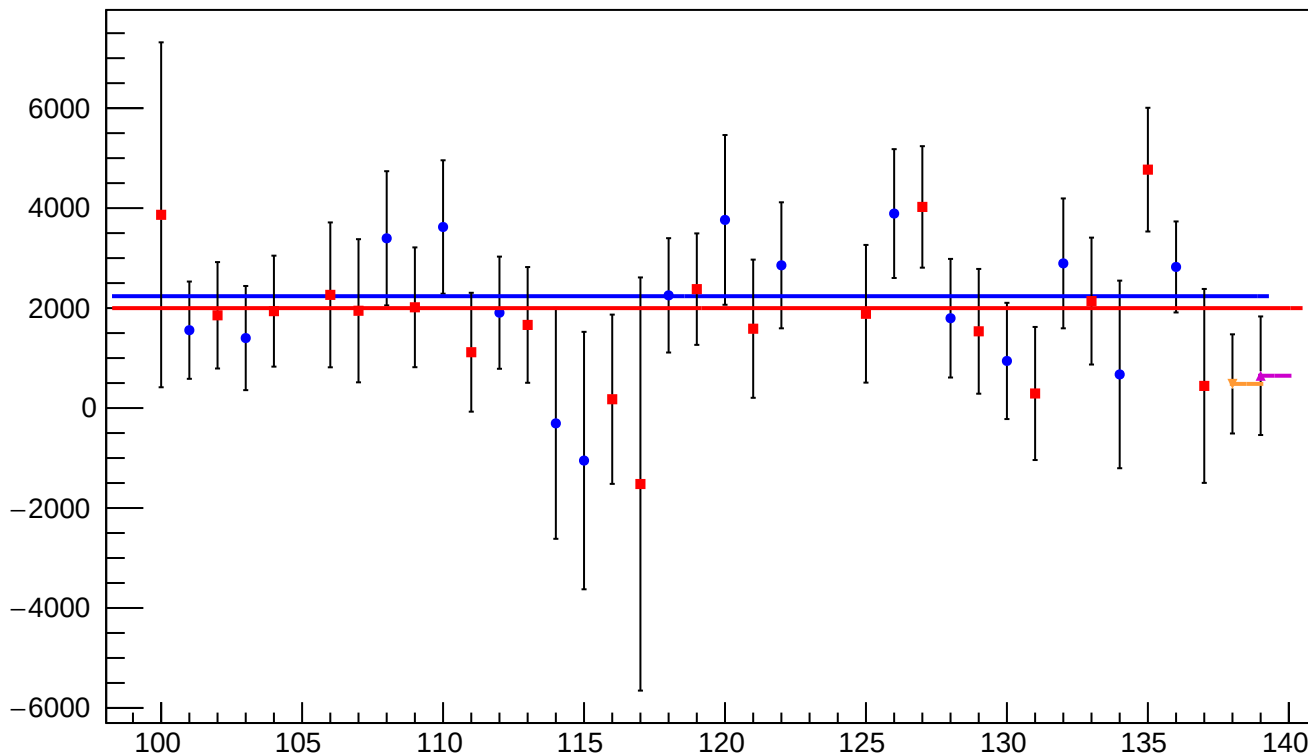


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 483.194+/-992.063

χ^2/NDF : 0.0/0

Right Out: 1999.038+/-307.507

χ^2/NDF : 13.3/18

Left In: 646.592+/-1186.226

χ^2/NDF : 0.0/0

2077.552+/-299.919

χ^2/NDF : 14.2/16

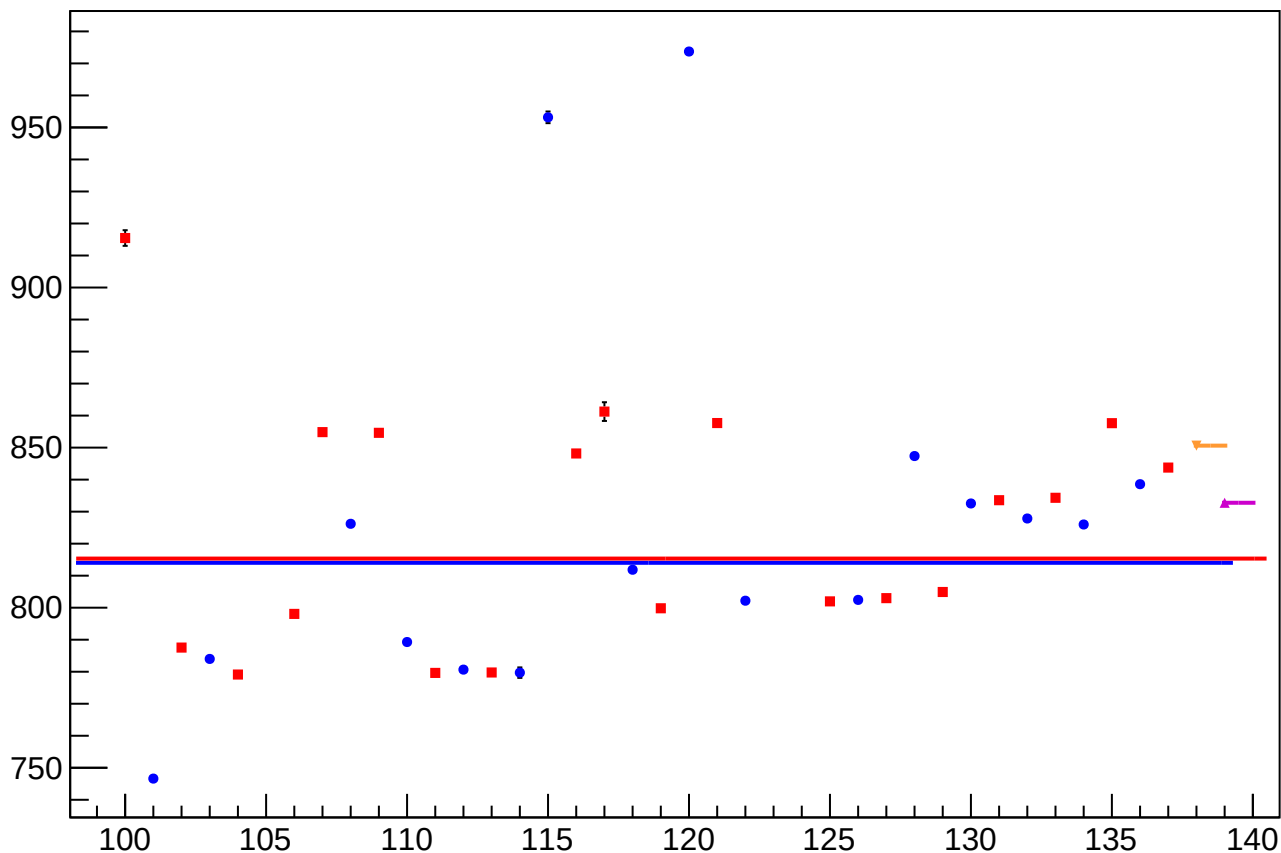
1995.097+/-211.274

χ^2/NDF : 28.8/36

1913.875+/-297.668

χ^2/NDF : 14.5/19

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: 815.340+/-0.217 χ^2/NDF : 20207.4/18

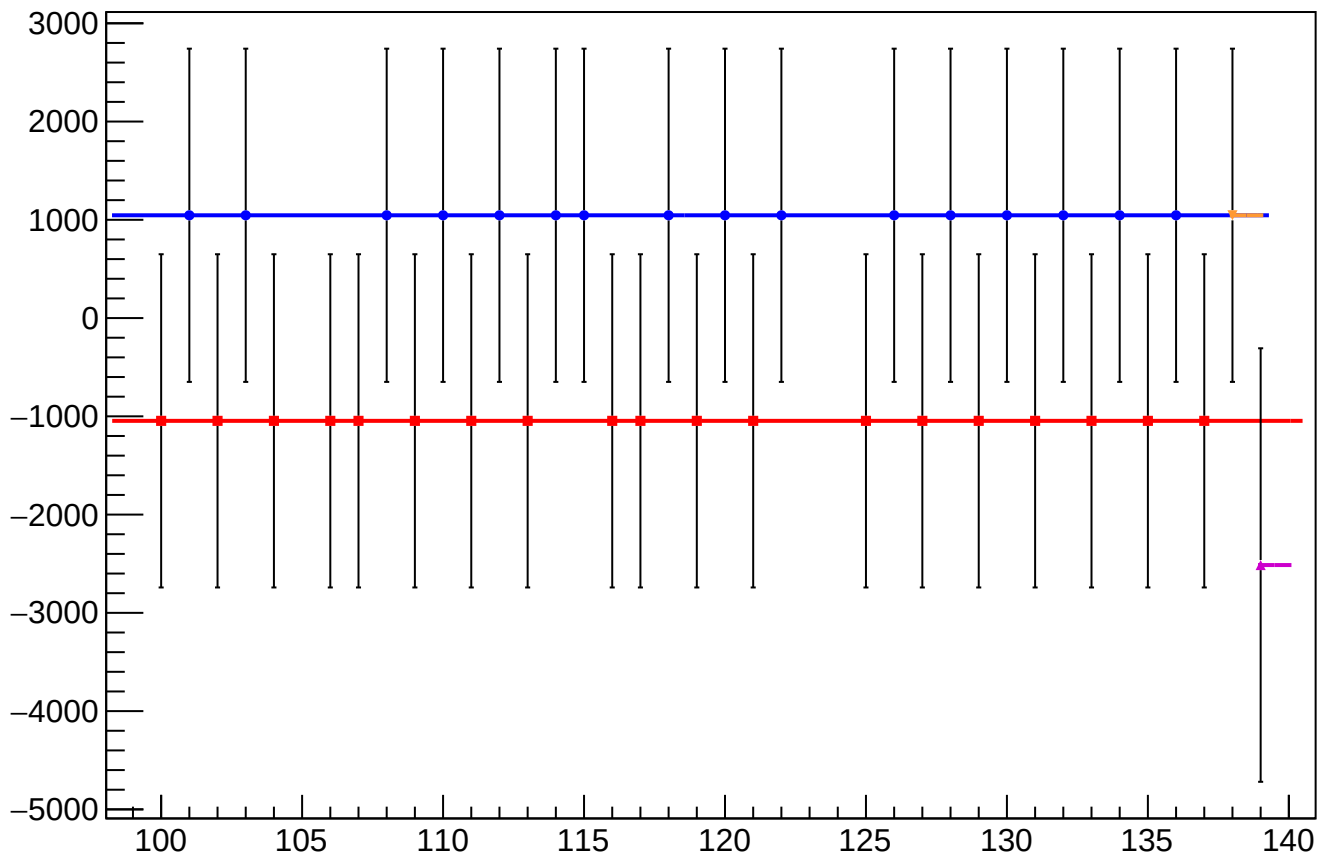
Left In: 832.771+/-0.839 χ^2/NDF : 0.0/0

817.366+/-0.212 χ^2/NDF : 44514.4/16

816.898+/-0.149 χ^2/NDF : 65136.1/36

816.437+/-0.210 χ^2/NDF : 20612.1/19

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 1046.022+/-423.907 χ^2/NDF : 0.0/15

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

Right Out: -1046.022+/-389.004 χ^2/NDF : 0.0/18

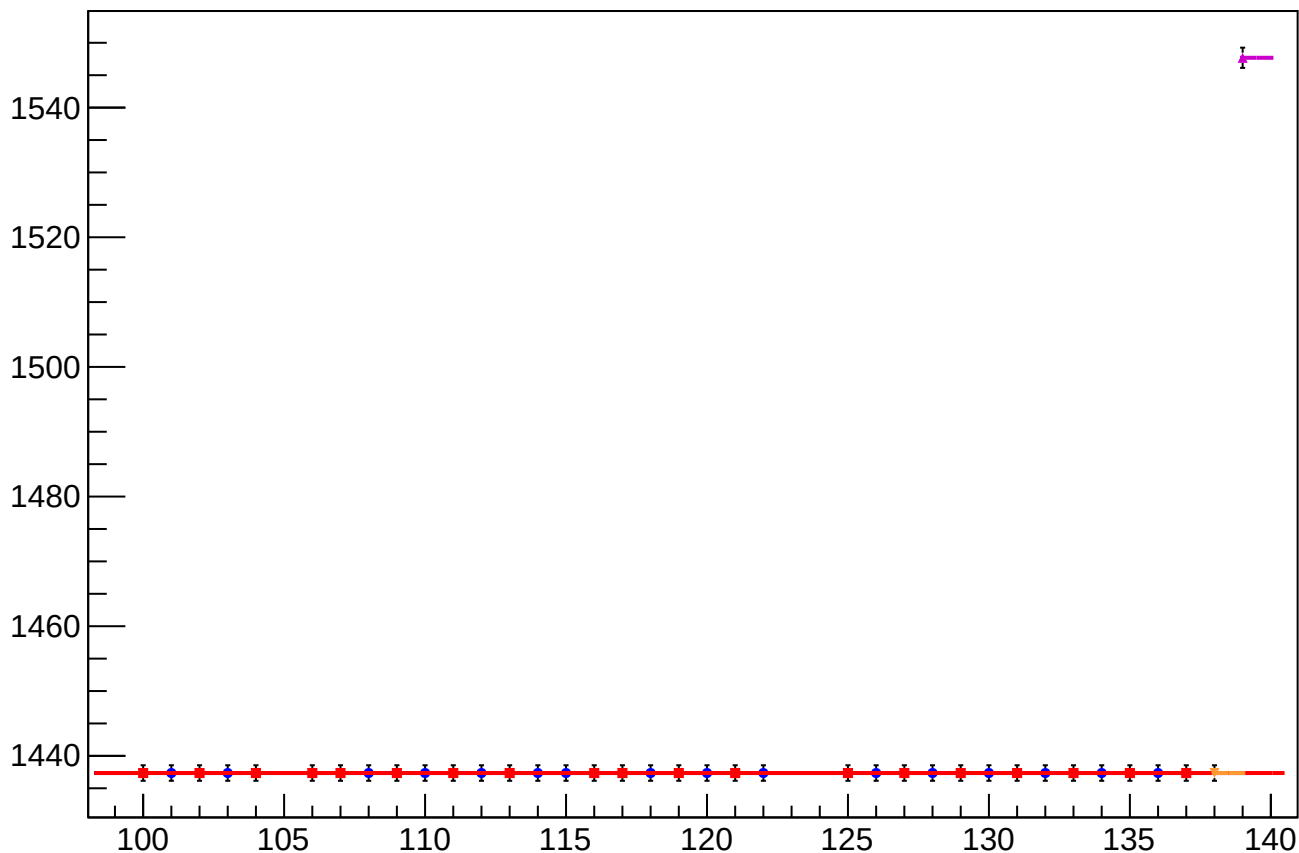
Left In: -2513.446+/-2205.912 χ^2/NDF : 0.0/0

1046.022+/-411.250 χ^2/NDF : 0.0/16

-97.761+/-280.314 χ^2/NDF : 14.9/36

-1090.280+/-383.093 χ^2/NDF : 0.4/19

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1437.353 $\pm$ 0.300 χ^2 /NDF: 0.0/15

Left Out: 1437.353 $\pm$ 1.199 χ^2 /NDF: 0.0/0

Right Out: 1437.353 $\pm$ 0.275 χ^2 /NDF: 0.0/18

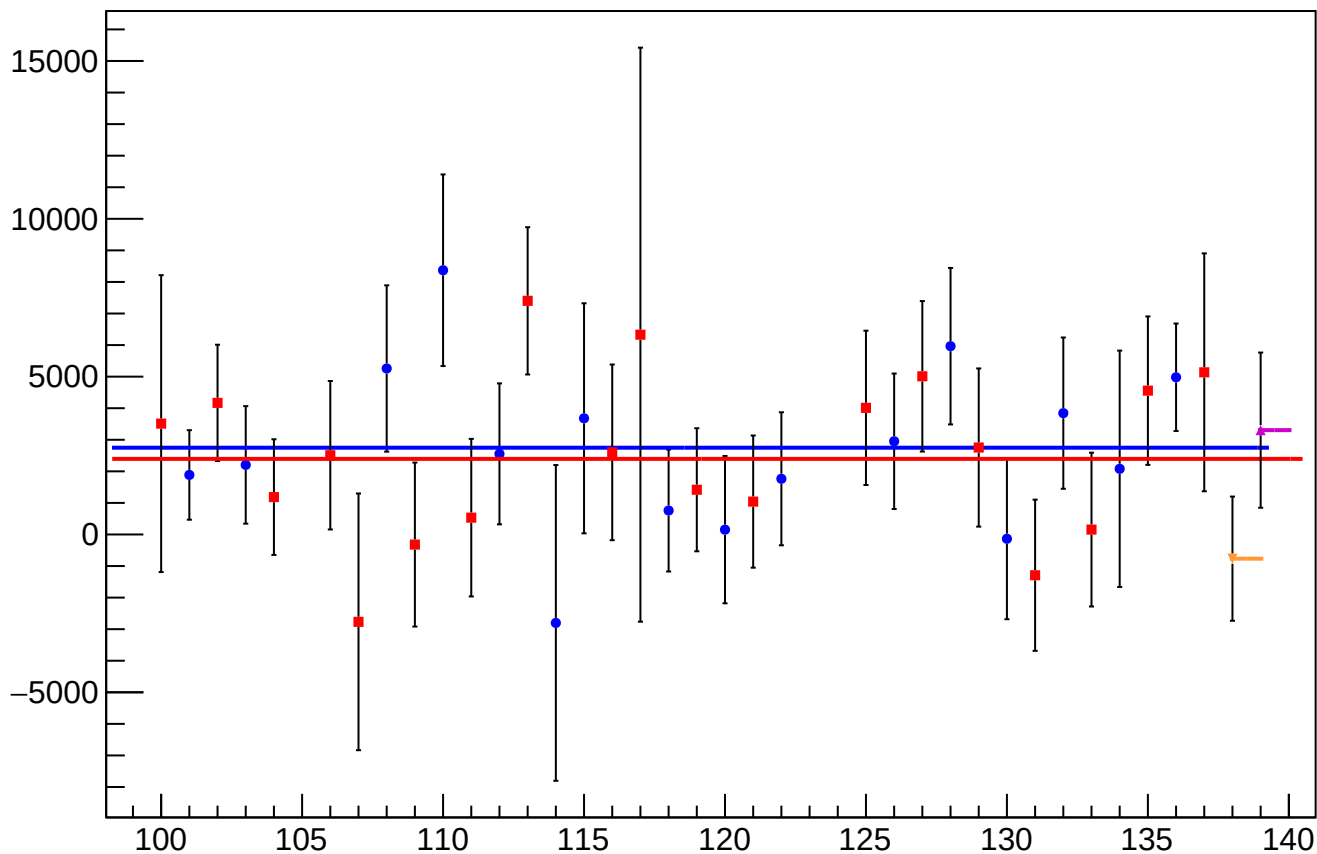
Left In: 1547.687 $\pm$ 1.560 χ^2 /NDF: 0.0/0

1437.353 $\pm$ 0.291 χ^2 /NDF: 0.0/16

1439.135 $\pm$ 0.198 χ^2 /NDF: 4922.6/36

1440.681 $\pm$ 0.271 χ^2 /NDF: 4852.5/19

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: 2394.856+/-567.856 χ^2/NDF : 16.4/18

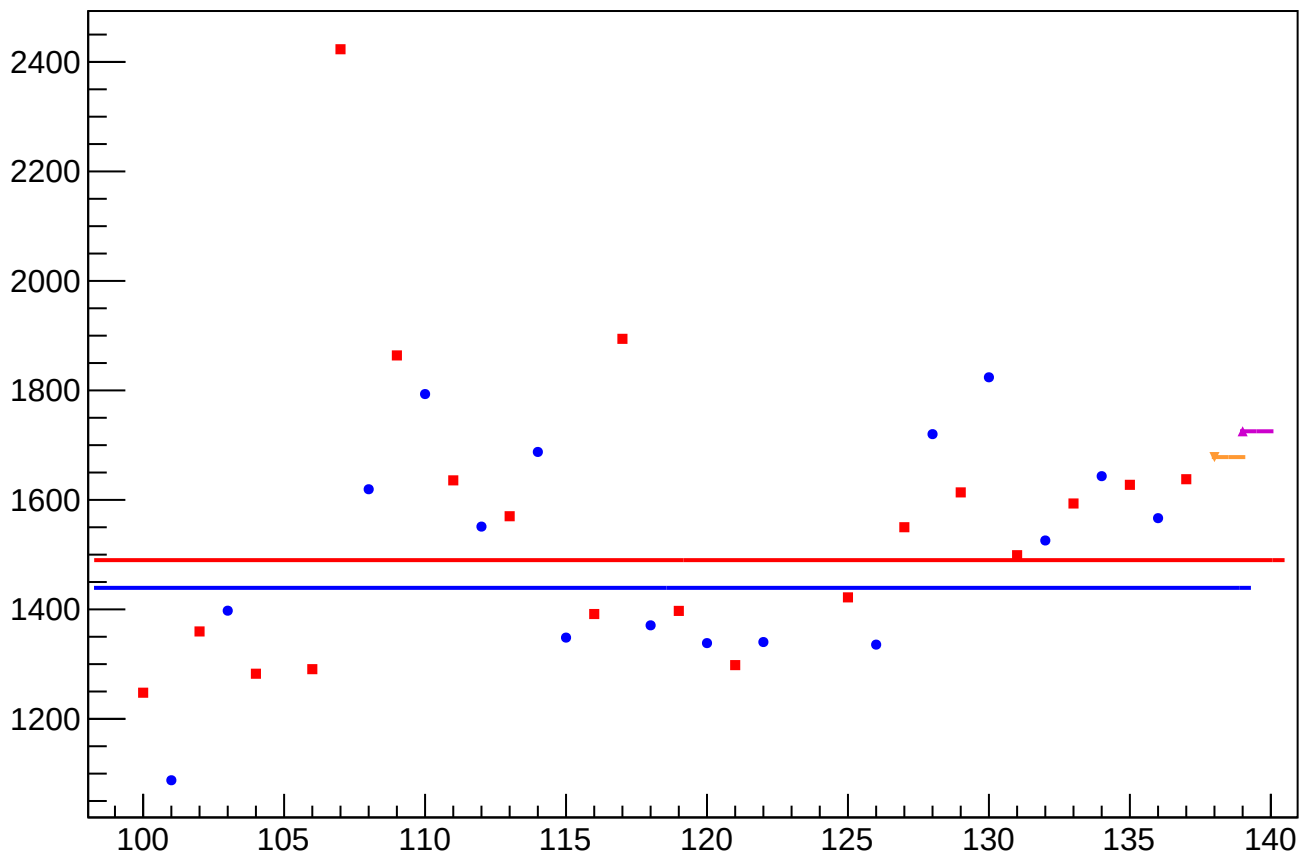
Left In: 3304.883+/-2458.319 χ^2/NDF : 0.0/0

2482.668+/-541.215 χ^2/NDF : 16.5/16

2462.271+/-386.894 χ^2/NDF : 33.0/36

2440.954+/-553.287 χ^2/NDF : 16.5/19

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1678.197 $\pm$ 1.391 χ^2 /NDF: 0.0/0

Right Out: 1489.967 $\pm$ 0.402 χ^2 /NDF: 260293.3/18

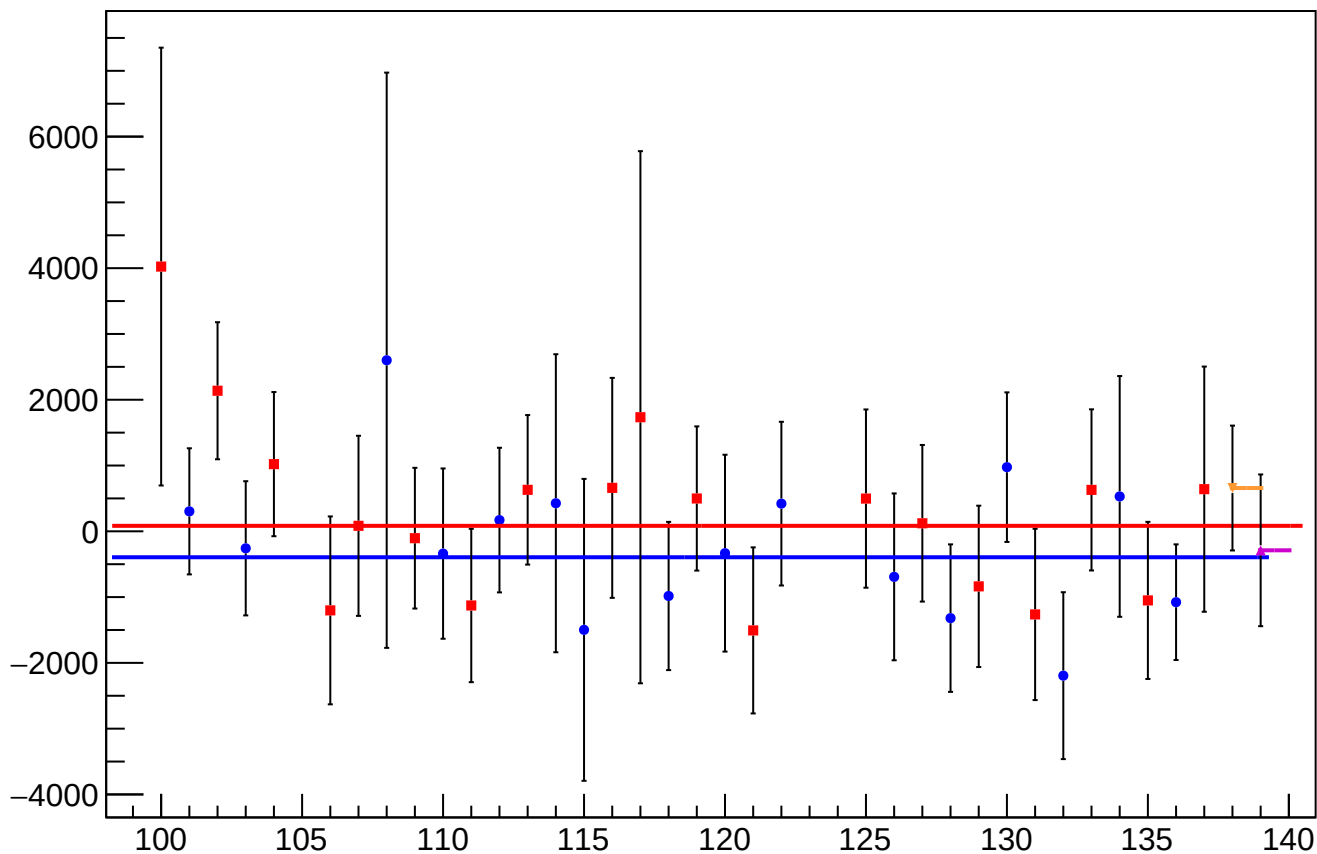
Left In: 1725.333 $\pm$ 1.738 χ^2 /NDF: 0.0/0

1457.416 $\pm$ 0.383 χ^2 /NDF: 305121.4/16

1479.162 $\pm$ 0.274 χ^2 /NDF: 589422.9/36

1501.889 $\pm$ 0.391 χ^2 /NDF: 277698.0/19

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 657.911 $\pm$ 948.884 χ^2/NDF : 0.0/0

Right Out: 83.274 $\pm$ 297.589 χ^2/NDF : 13.1/18

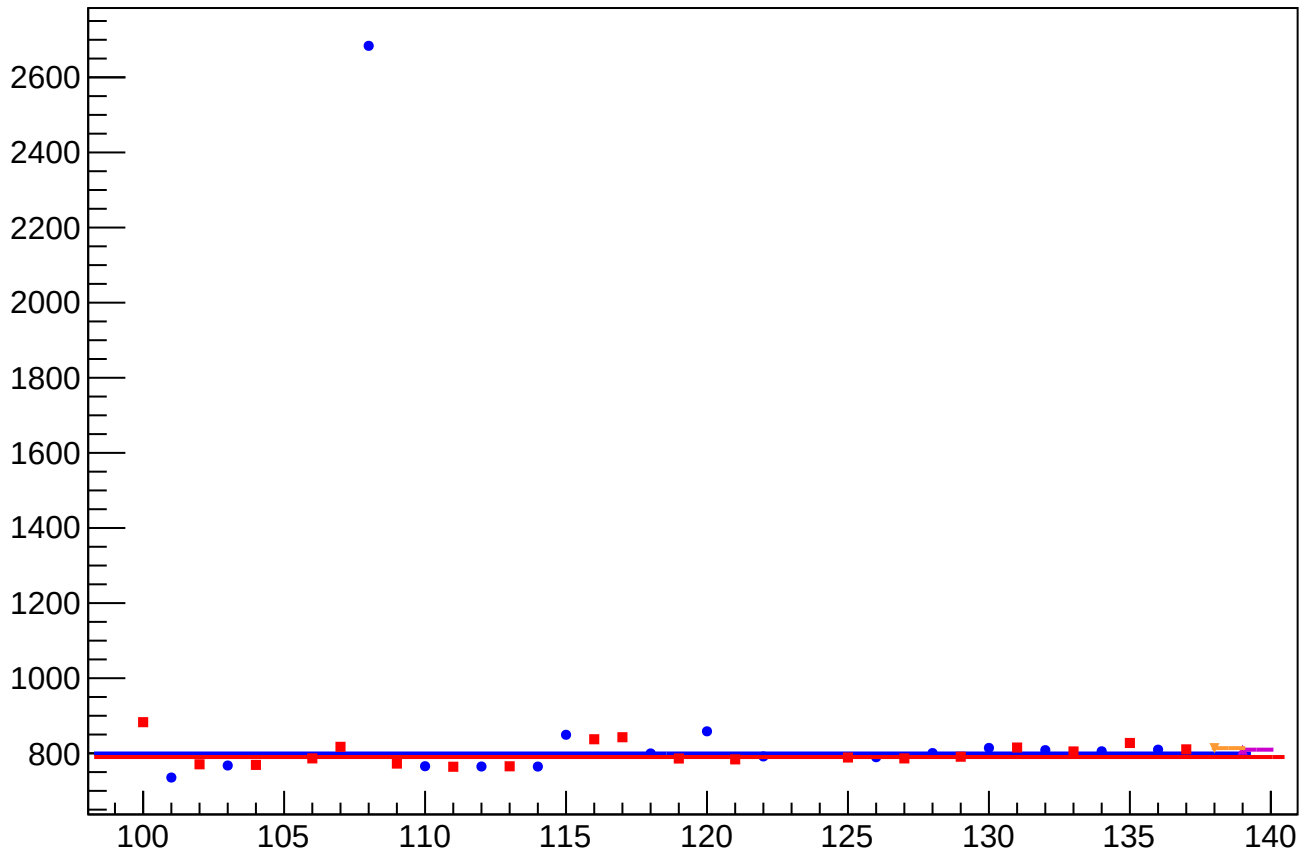
Left In: -289.062 $\pm$ 1153.279 χ^2/NDF : 0.0/0

-290.999 $\pm$ 297.395 χ^2/NDF : 8.5/16

-109.944 $\pm$ 206.944 χ^2/NDF : 22.4/36

60.031 $\pm$ 288.151 χ^2/NDF : 13.2/19

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: 790.081 $\pm$ 0.210 χ^2 /NDF: 11517.0/18

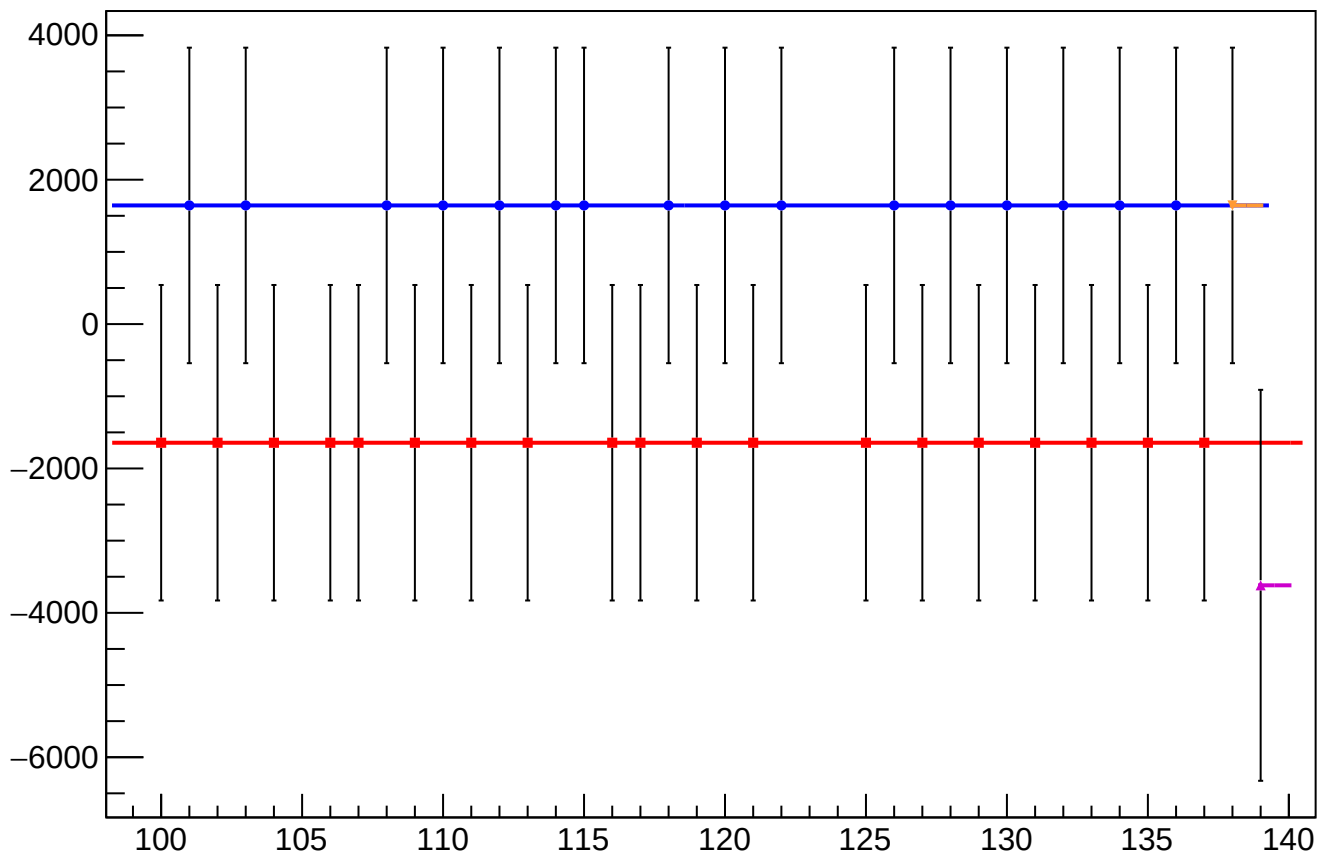
Left In: 809.717 $\pm$ 0.815 χ^2 /NDF: 0.0/0

800.937 $\pm$ 0.210 χ^2 /NDF: 391592.9/16

795.970 $\pm$ 0.146 χ^2 /NDF: 404735.3/36

791.307 $\pm$ 0.204 χ^2 /NDF: 12060.6/19

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 1643.648 $\pm$ 546.323 χ^2 /NDF: 0.0/15

Left Out: 1643.648 $\pm$ 2185.293 χ^2 /NDF:0.0/0

Right Out: -1643.648 $\pm$ 501.341 χ^2 /NDF: 0.0/18

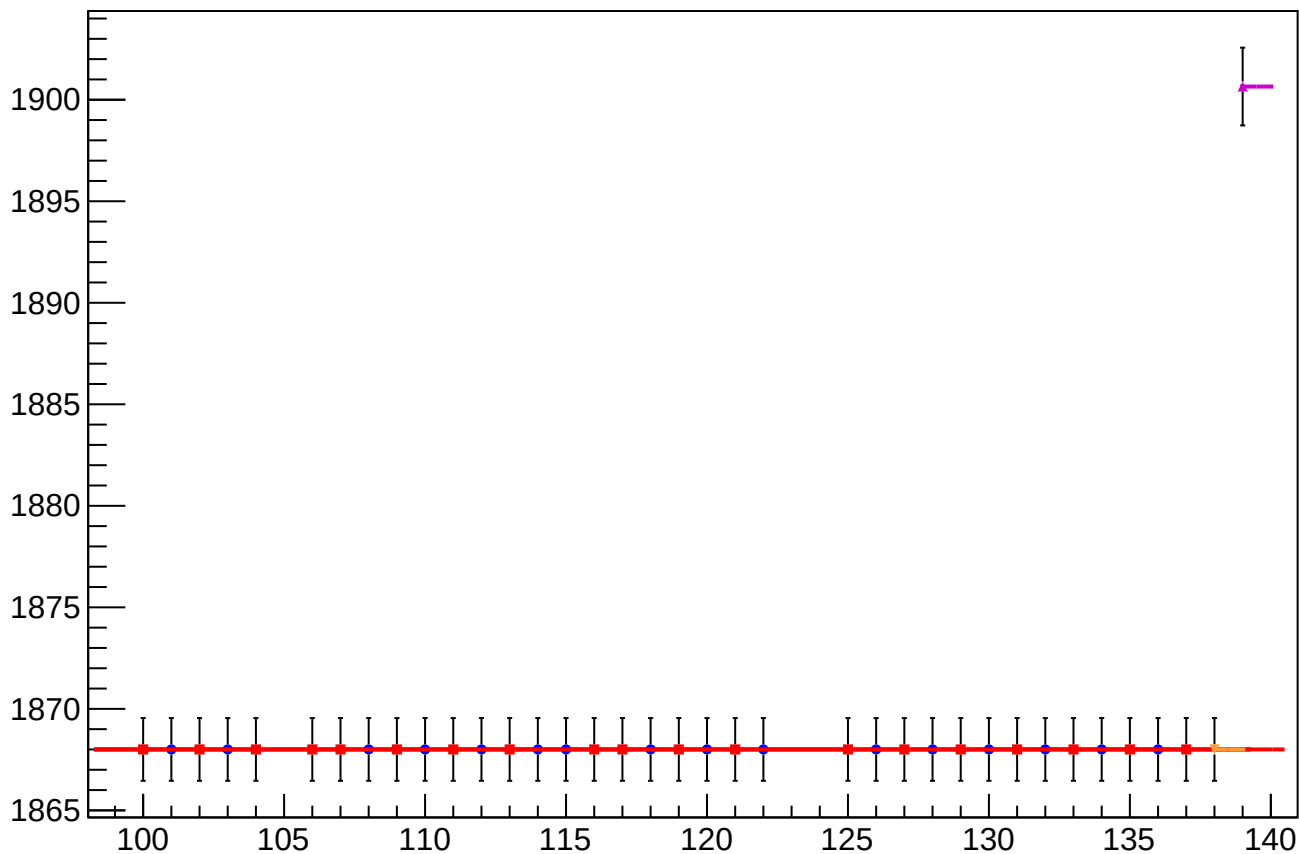
Left In: -3618.676 $\pm$ 2707.845 χ^2 /NDF:0.0/0

1643.648 $\pm$ 530.011 χ^2 /NDF: 0.0/16

-153.994 $\pm$ 360.965 χ^2 /NDF: 22.0/36

-1709.105 $\pm$ 492.963 χ^2 /NDF: 0.5/19

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1868.002 $\pm$ 0.386 χ^2 /NDF: 0.0/15

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

Right Out: 1868.002 $\pm$ 0.355 χ^2 /NDF: 0.0/18

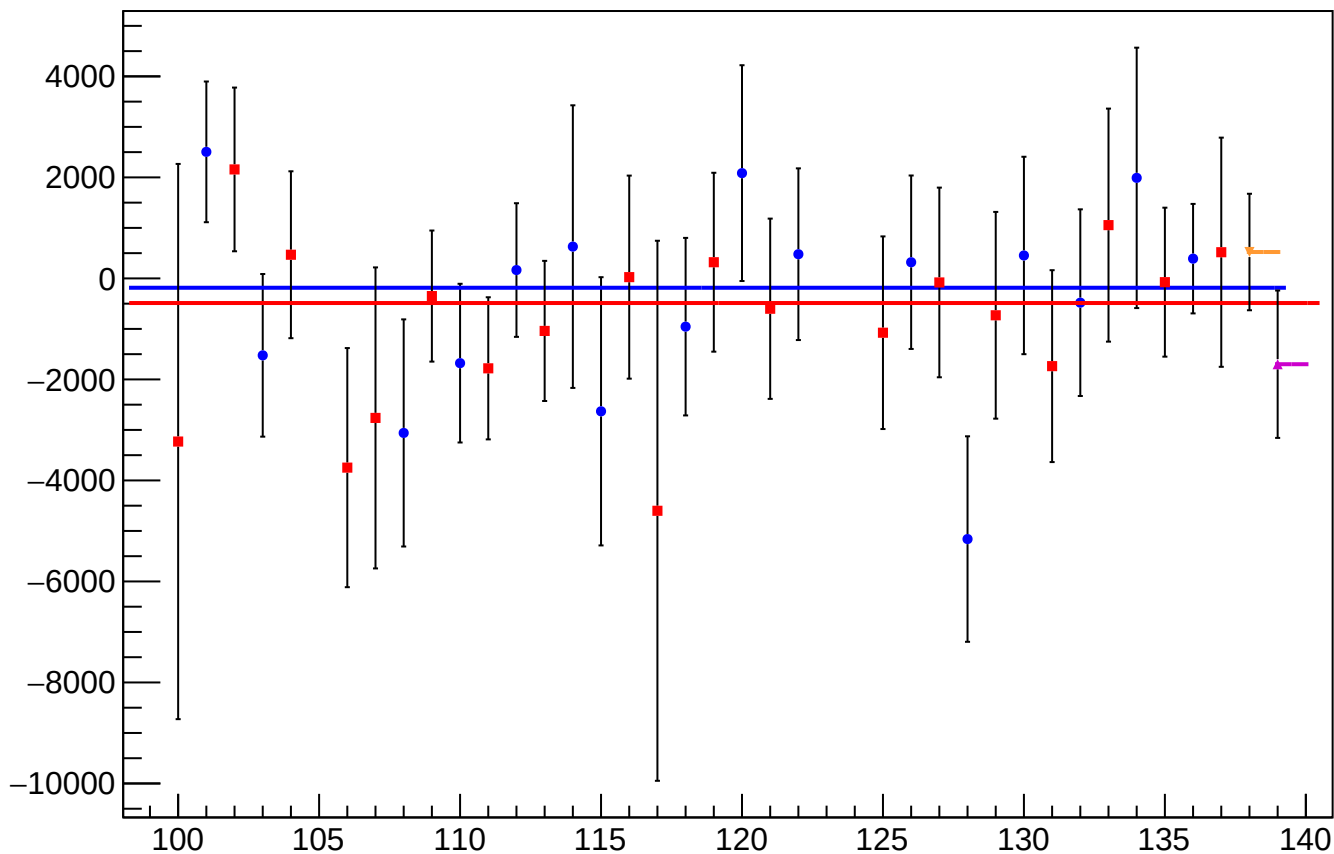
Left In: 1900.650 $\pm$ 1.915 χ^2 /NDF: 0.0/0

1868.002 $\pm$ 0.375 χ^2 /NDF: 0.0/16

1868.582 $\pm$ 0.255 χ^2 /NDF: 285.6/36

1869.084 $\pm$ 0.349 χ^2 /NDF: 281.1/19

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: -487.483 ± 425.566 χ^2/NDF : 8.9/18

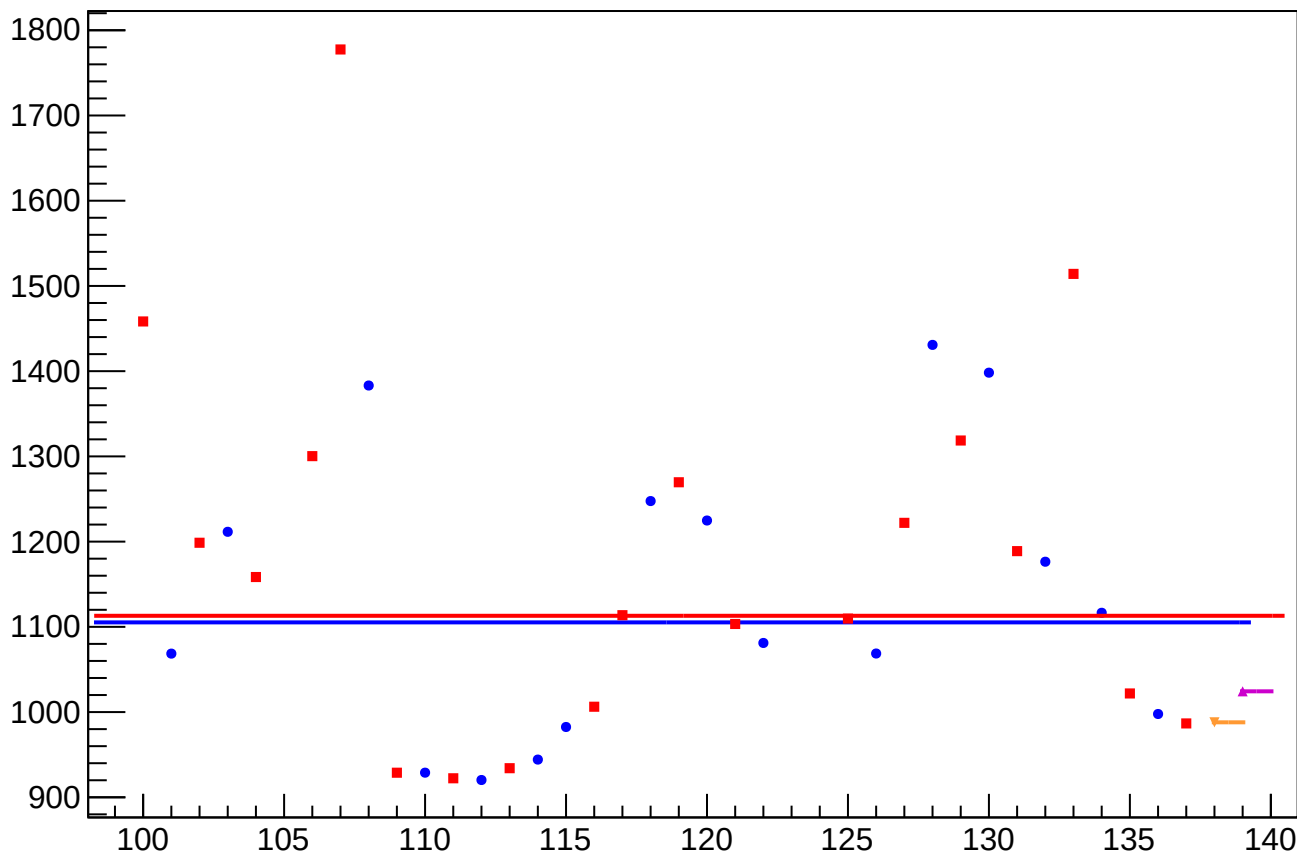
Left In: -1698.949 ± 1459.083 χ^2/NDF : 0.0/0

-98.153 ± 404.130 χ^2/NDF : 17.0/16

-337.678 ± 287.311 χ^2/NDF : 27.2/36

-582.462 ± 408.544 χ^2/NDF : 9.6/19

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: 1112.978+/-0.301 χ^2/NDF : 362995.5/18

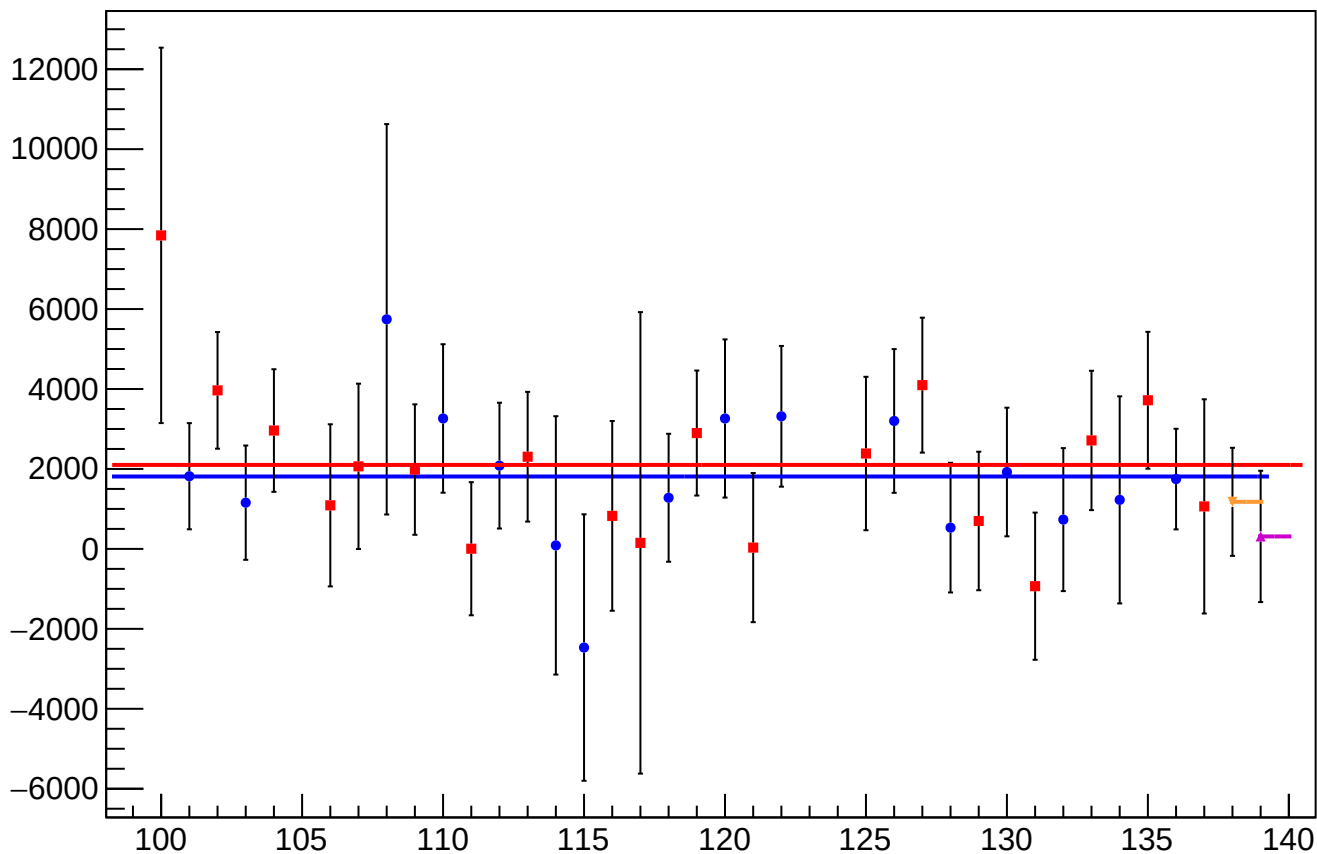
Left In: 1024.352+/-1.032 χ^2/NDF : 0.0/0

1090.835+/-0.286 χ^2/NDF : 273504.2/16

1098.350+/-0.203 χ^2/NDF : 644698.6/36

1106.030+/-0.289 χ^2/NDF : 369796.0/19

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: 2100.301 $\pm$ 426.507 χ^2/NDF : 13.1/18

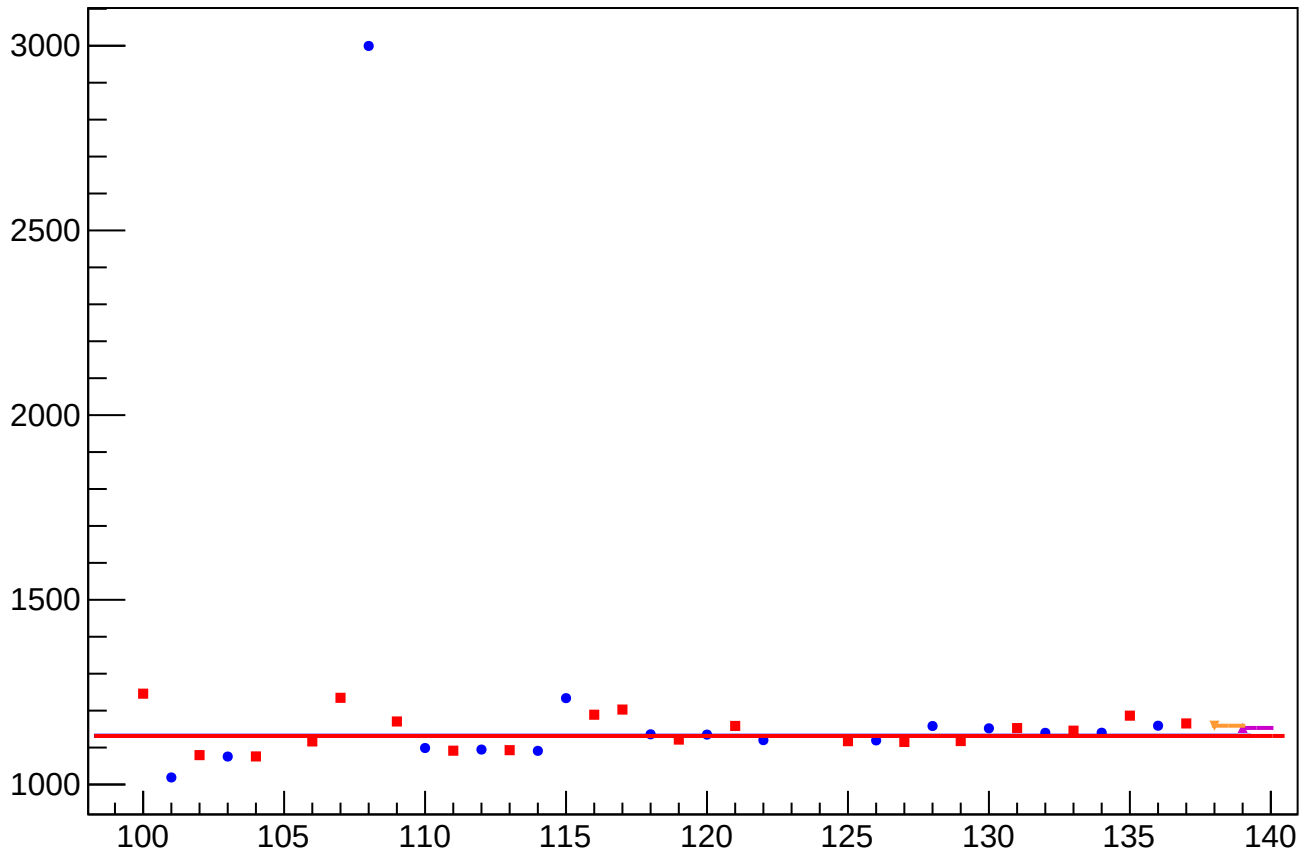
Left In: 312.161 $\pm$ 1642.434 χ^2/NDF : 0.0/0

1749.788 $\pm$ 420.228 χ^2/NDF : 6.7/16

1870.677 $\pm$ 294.490 χ^2/NDF : 21.1/36

1987.338 $\pm$ 412.816 χ^2/NDF : 14.3/19

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1159.140 $\pm$ 0.956 χ^2 /NDF: 0.0/0

Right Out: 1131.409 $\pm$ 0.302 χ^2 /NDF: 20027.2/18

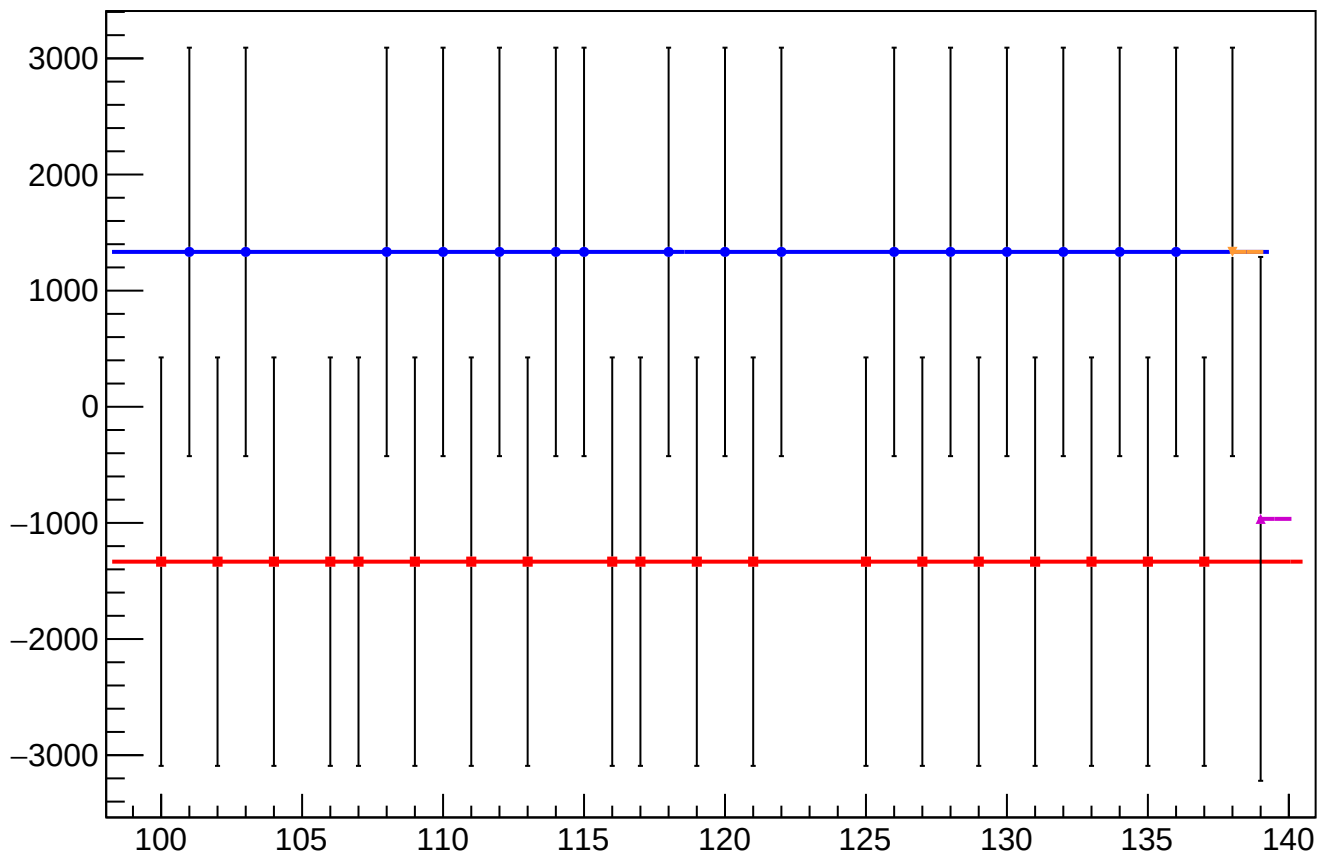
Left In: 1153.152 $\pm$ 1.161 χ^2 /NDF: 0.0/0

1134.691 $\pm$ 0.297 χ^2 /NDF: 316750.7/16

1133.720 $\pm$ 0.208 χ^2 /NDF: 337127.3/36

1132.782 $\pm$ 0.292 χ^2 /NDF: 20355.6/19

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 1333.676 $\pm$ 439.662 χ^2 /NDF: 0.0/15

Left Out: 1333.676 $\pm$ 1758.646 χ^2 /NDF:0.0/0

Right Out: -1333.676 $\pm$ 403.461 χ^2 /NDF: 0.0/18

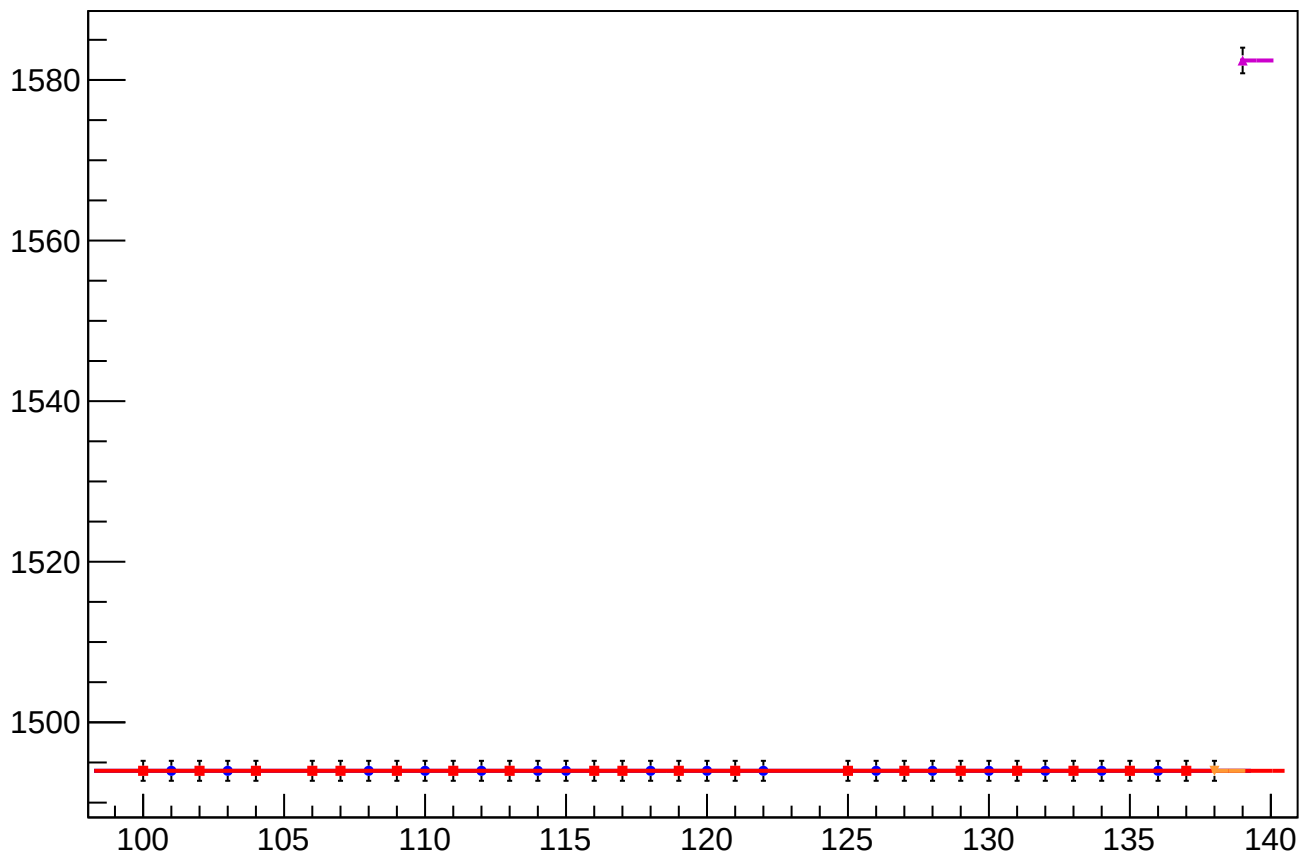
Left In: -965.249 $\pm$ 2255.506 χ^2 /NDF:0.0/0

1333.676 $\pm$ 426.534 χ^2 /NDF: 0.0/16

-88.893 $\pm$ 290.664 χ^2 /NDF: 20.8/36

-1322.253 $\pm$ 397.157 χ^2 /NDF: 0.0/19

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1493.962 $\pm$ 0.311 χ^2 /NDF: 0.0/15

Left Out: 1493.962 $\pm$ 1.244 χ^2 /NDF: 0.0/0

Right Out: 1493.962 $\pm$ 0.285 χ^2 /NDF: 0.0/18

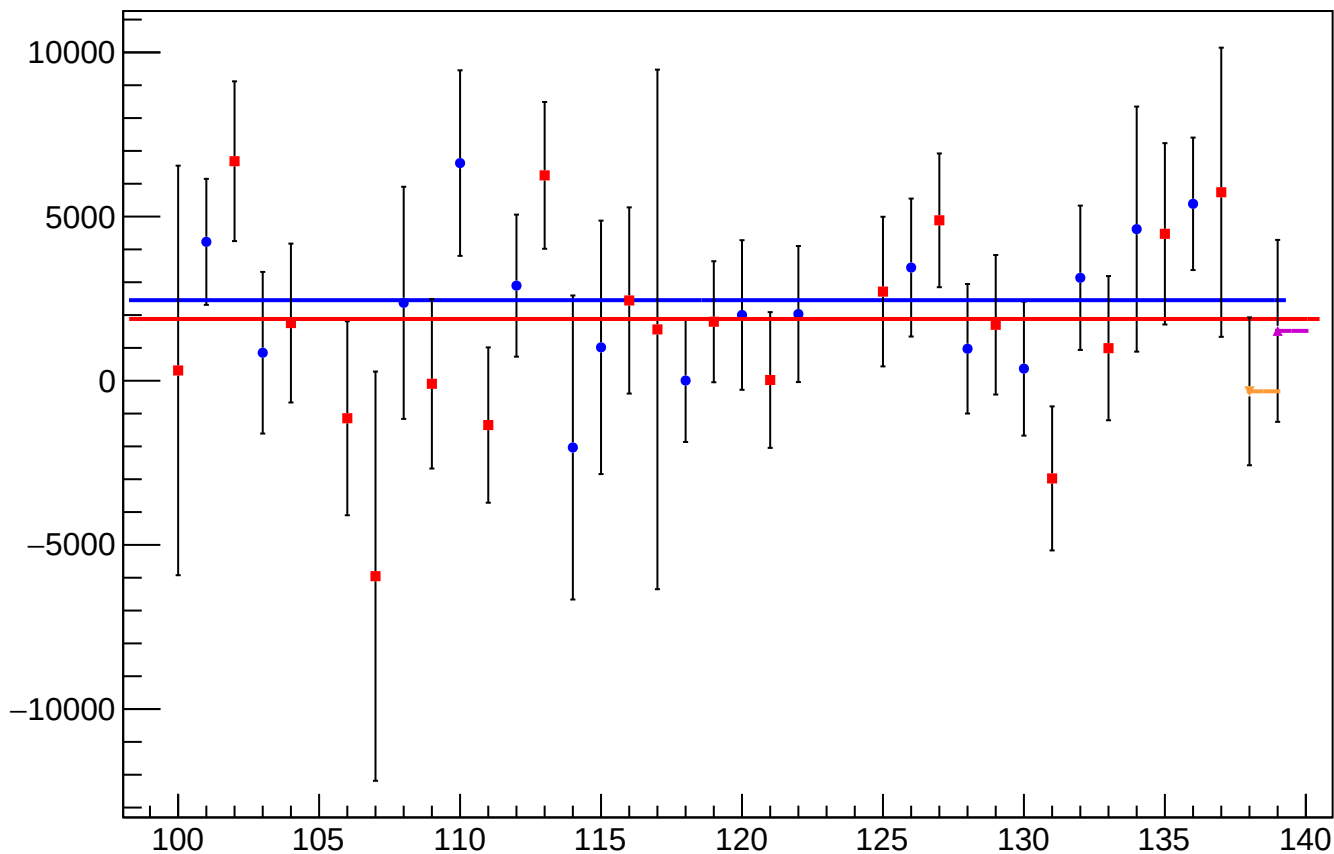
Left In: 1582.428 $\pm$ 1.595 χ^2 /NDF: 0.0/0

1493.962 $\pm$ 0.302 χ^2 /NDF: 0.0/16

1495.431 $\pm$ 0.206 χ^2 /NDF: 3025.6/36

1496.705 $\pm$ 0.281 χ^2 /NDF: 2981.3/19

asym_usl_mean vs Slug, Sign Corrected



Right In: 2453.670 $\pm$ 584.307 χ^2 /NDF: 10.8/15

Left Out: -322.274 $\pm$ 2252.714 χ^2 /NDF: 0.0/0

Right Out: 1881.026 $\pm$ 581.611 χ^2 /NDF: 22.8/18

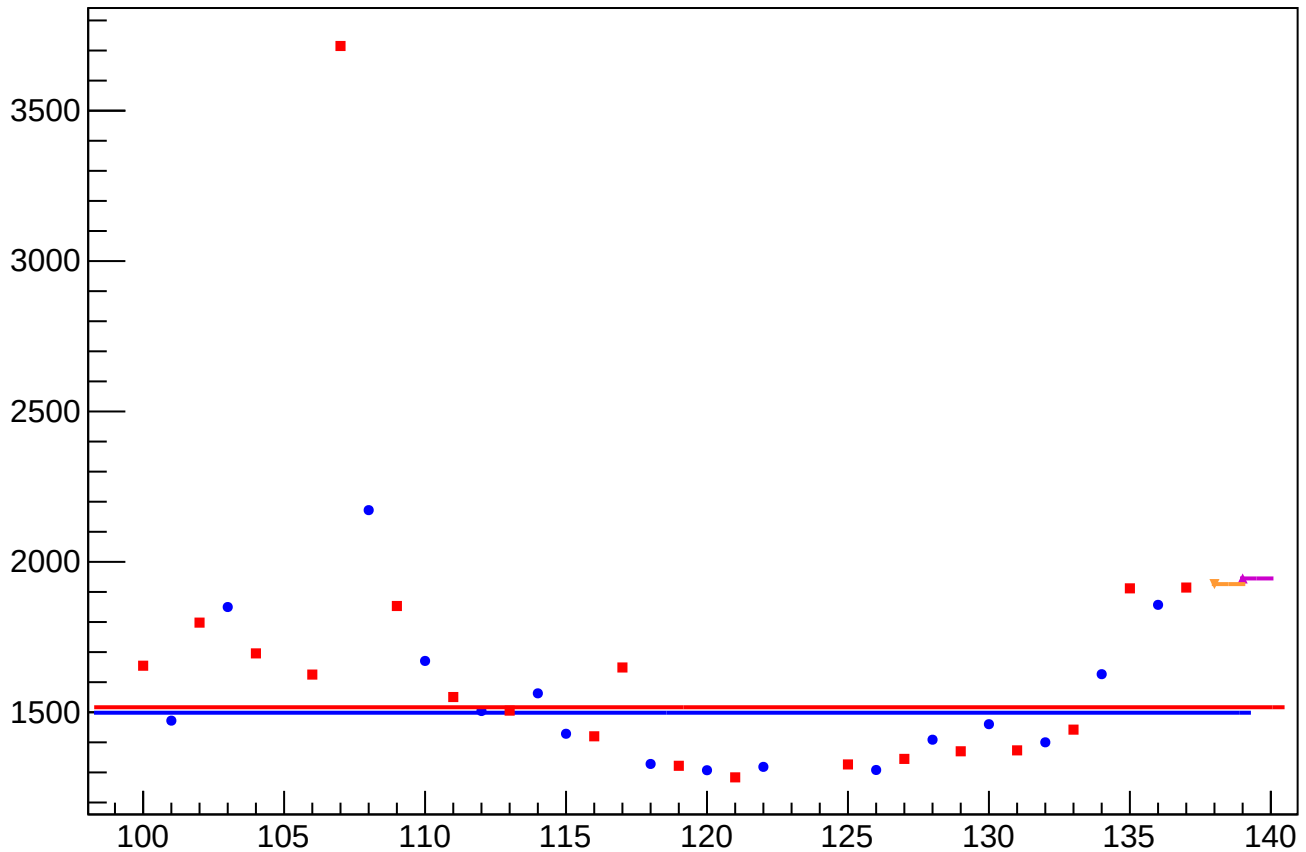
Left In: 1518.444 $\pm$ 2770.840 χ^2 /NDF: 0.0/0

2278.685 $\pm$ 565.591 χ^2 /NDF: 12.2/16

2073.521 $\pm$ 401.205 χ^2 /NDF: 35.2/36

1865.725 $\pm$ 569.206 χ^2 /NDF: 22.8/19

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: 1516.667+/-0.411 χ^2/NDF : 481102.8/18

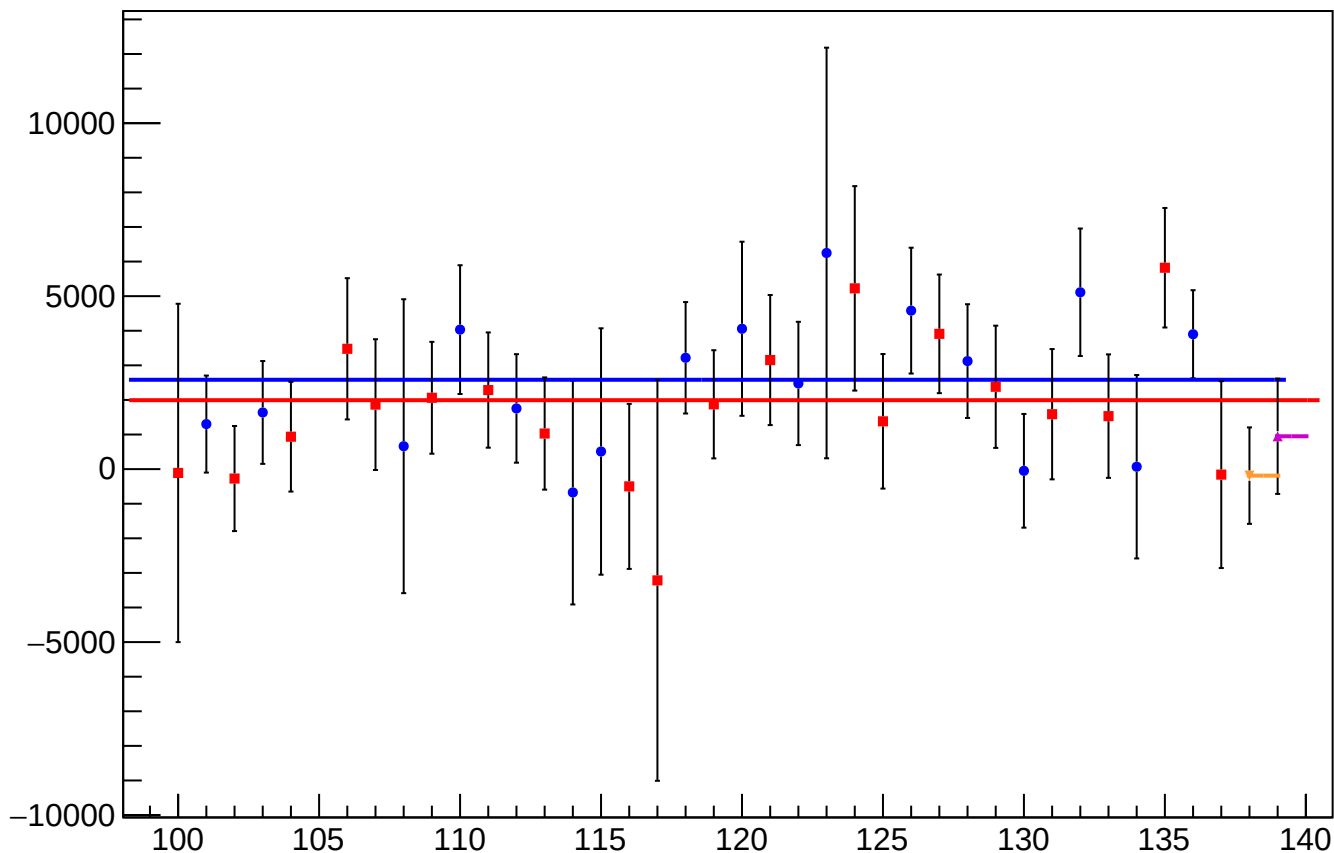
Left In: 1944.887+/-1.959 χ^2/NDF : 0.0/0

1525.438+/-0.400 χ^2/NDF : 326319.4/16

1530.058+/-0.284 χ^2/NDF : 853443.4/36

1534.738+/-0.402 χ^2/NDF : 526855.4/19

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: 1992.471 $\pm$ 425.603 χ^2 /NDF: 14.3/19

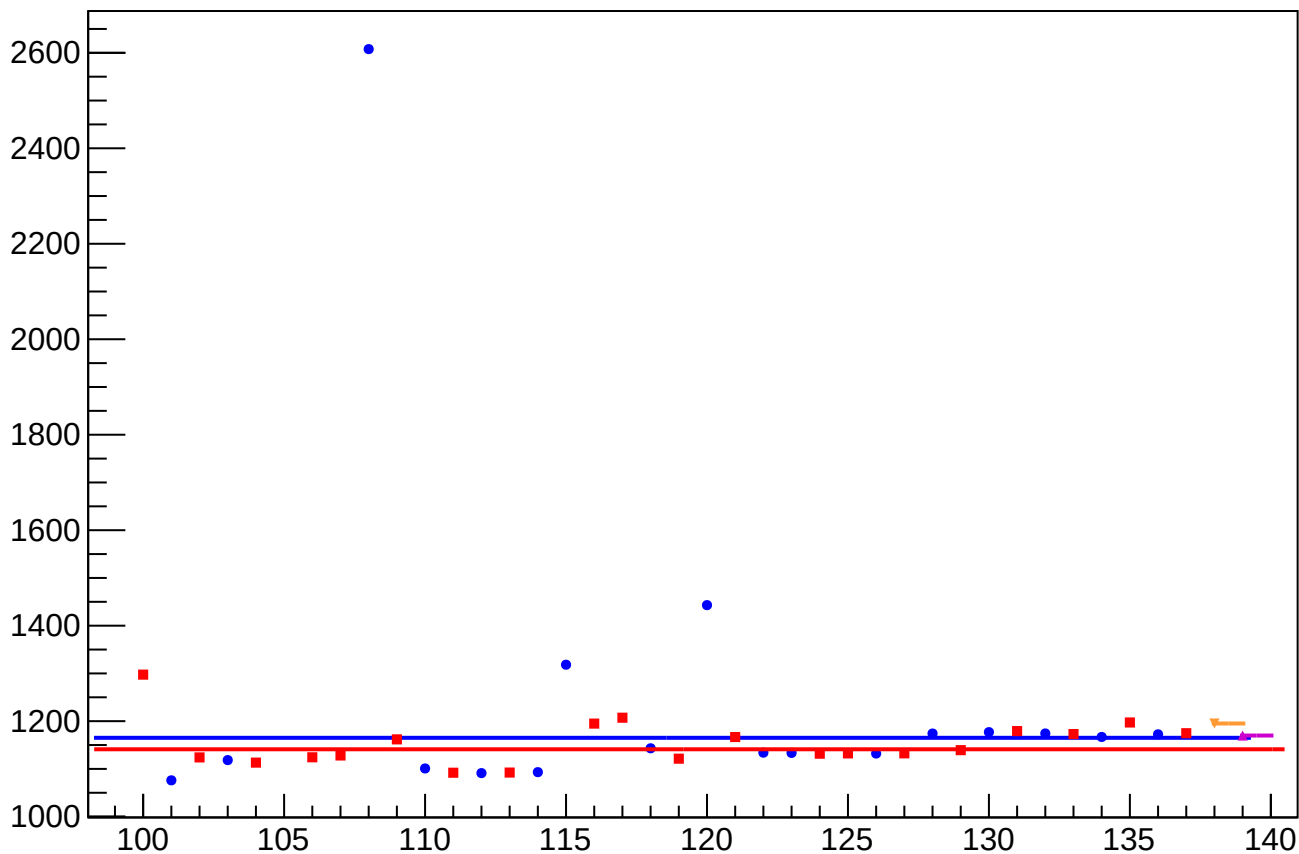
Left In: 949.745 $\pm$ 1666.417 χ^2 /NDF: 0.0/0

2318.011 $\pm$ 430.983 χ^2 /NDF: 15.9/17

2114.724 $\pm$ 297.951 χ^2 /NDF: 31.0/38

1928.619 $\pm$ 412.366 χ^2 /NDF: 14.7/20

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: 1141.111 $\pm$ 0.301 χ^2 /NDF: 12979.5/19

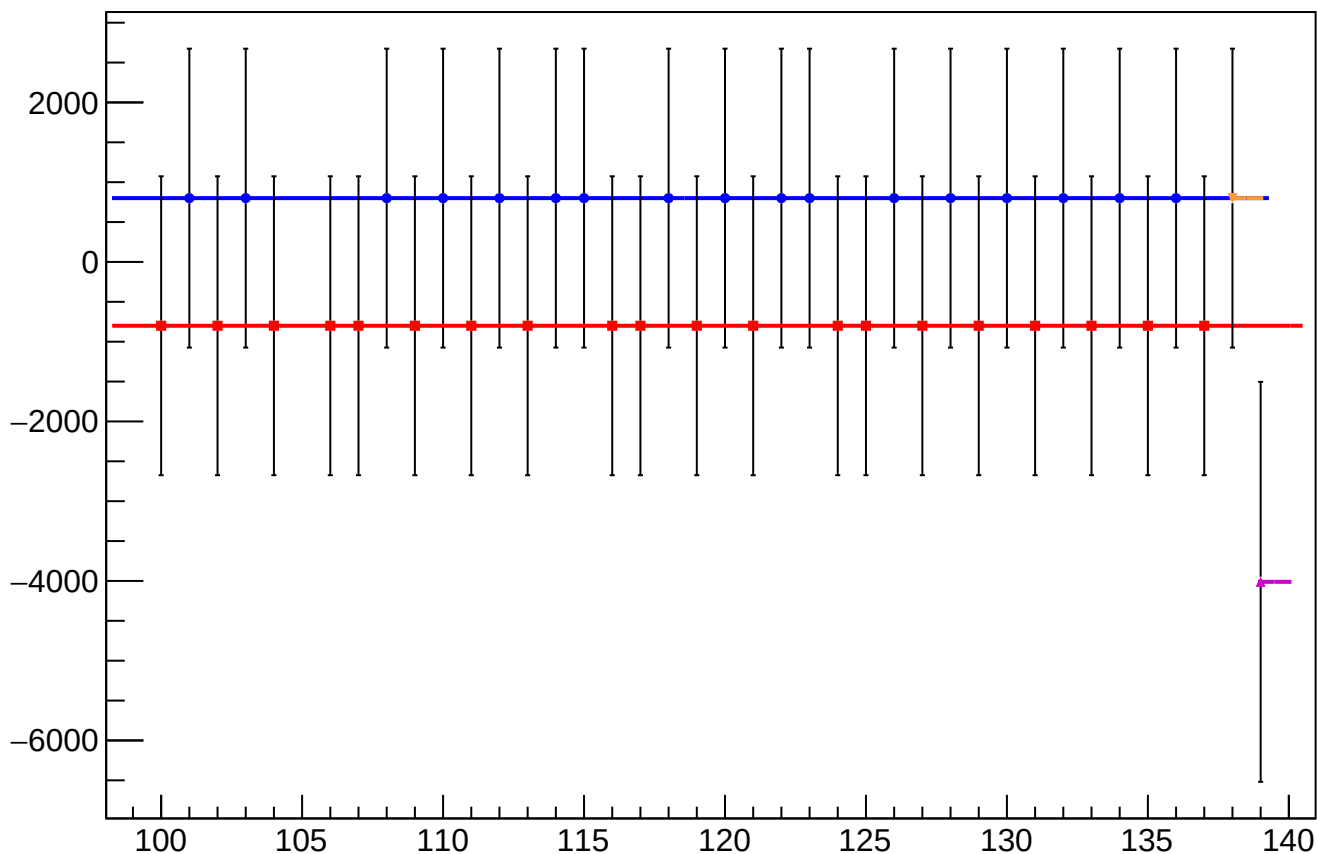
Left In: 1169.888 $\pm$ 1.178 χ^2 /NDF: 0.0/0

1168.011 $\pm$ 0.305 χ^2 /NDF: 279405.7/17

1154.887 $\pm$ 0.211 χ^2 /NDF: 296497.3/38

1142.873 $\pm$ 0.292 χ^2 /NDF: 13539.4/20

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 800.138+/-454.520 χ^2/NDF : 0.0/16

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

Right Out: -800.138+/-419.047 χ^2/NDF : 0.0/19

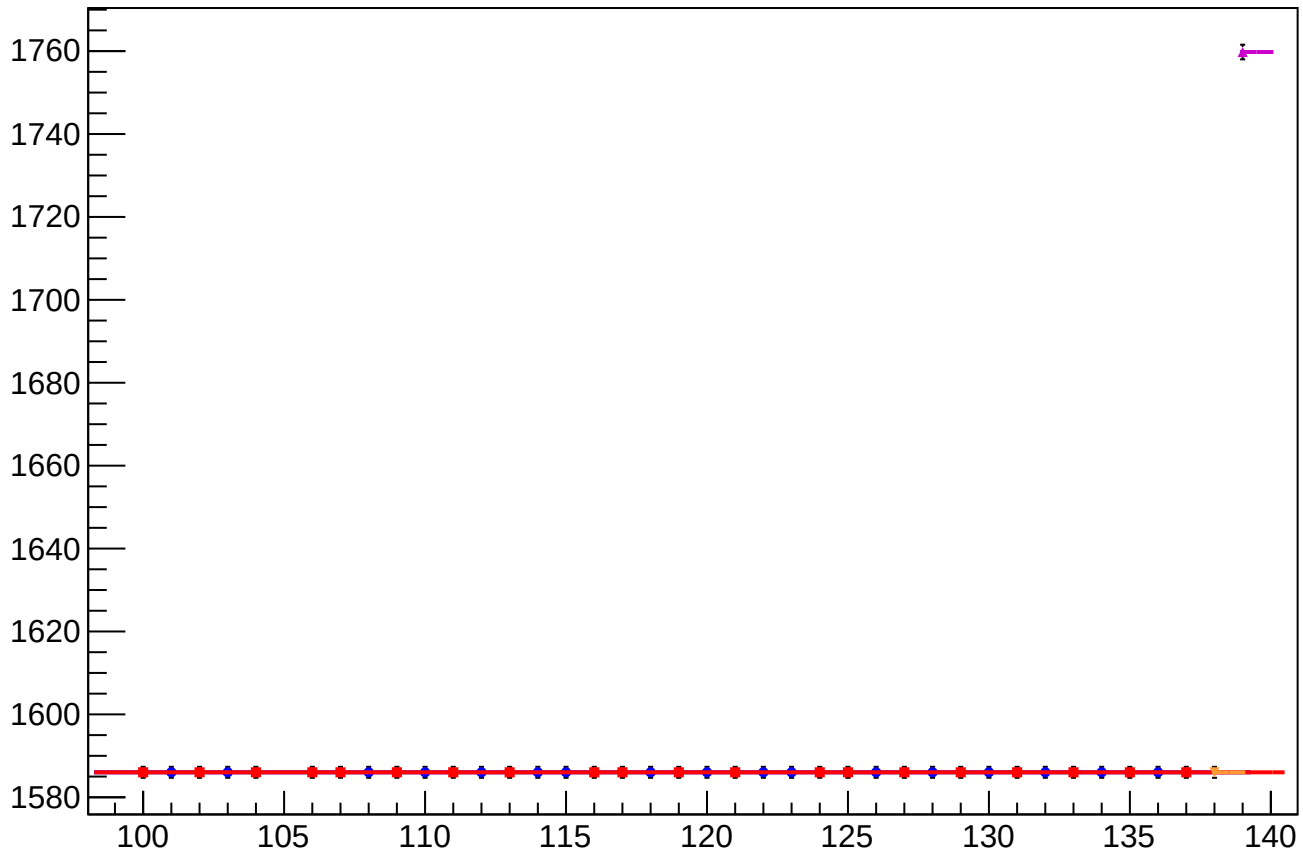
Left In: -4011.157+/-2507.376 χ^2/NDF : 0.0/0

800.138+/-441.714 χ^2/NDF : 0.0/17

-99.614+/-301.798 χ^2/NDF : 9.4/38

-887.388+/-413.314 χ^2/NDF : 1.6/20

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1586.027 $\pm$ 0.321 χ^2 /NDF: 0.0/16

Left Out: 1586.027 $\pm$ 1.325 χ^2 /NDF: 0.0/0

Right Out: 1586.027 $\pm$ 0.296 χ^2 /NDF: 0.0/19

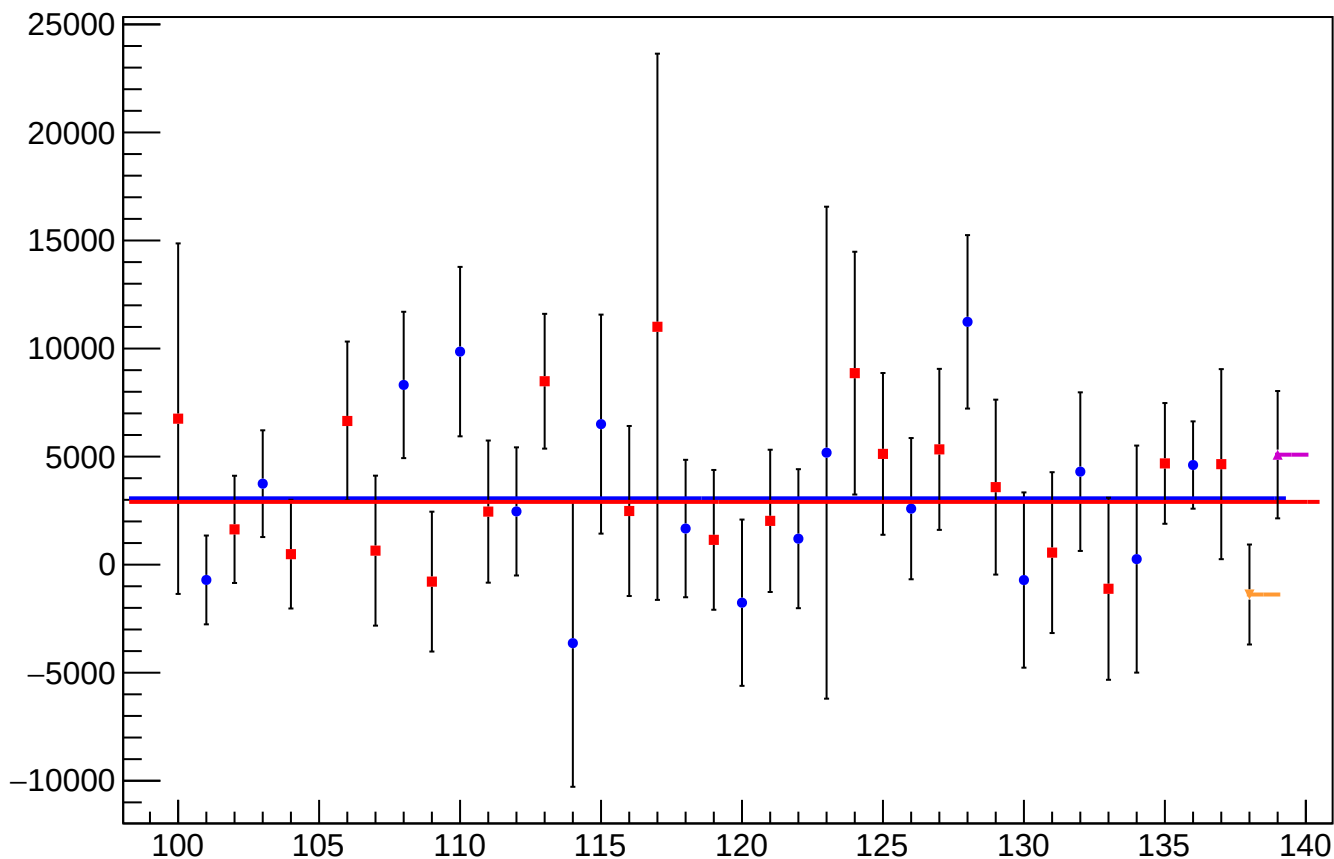
Left In: 1759.782 $\pm$ 1.773 χ^2 /NDF: 0.0/0

1586.027 $\pm$ 0.312 χ^2 /NDF: 0.0/17

1588.544 $\pm$ 0.213 χ^2 /NDF: 9465.2/38

1590.748 $\pm$ 0.292 χ^2 /NDF: 9343.4/20

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -1381.563 $\pm$ 2313.008 χ^2 /NDF: 0.0/0

Right Out: 2904.708 $\pm$ 793.782 χ^2 /NDF: 12.0/19

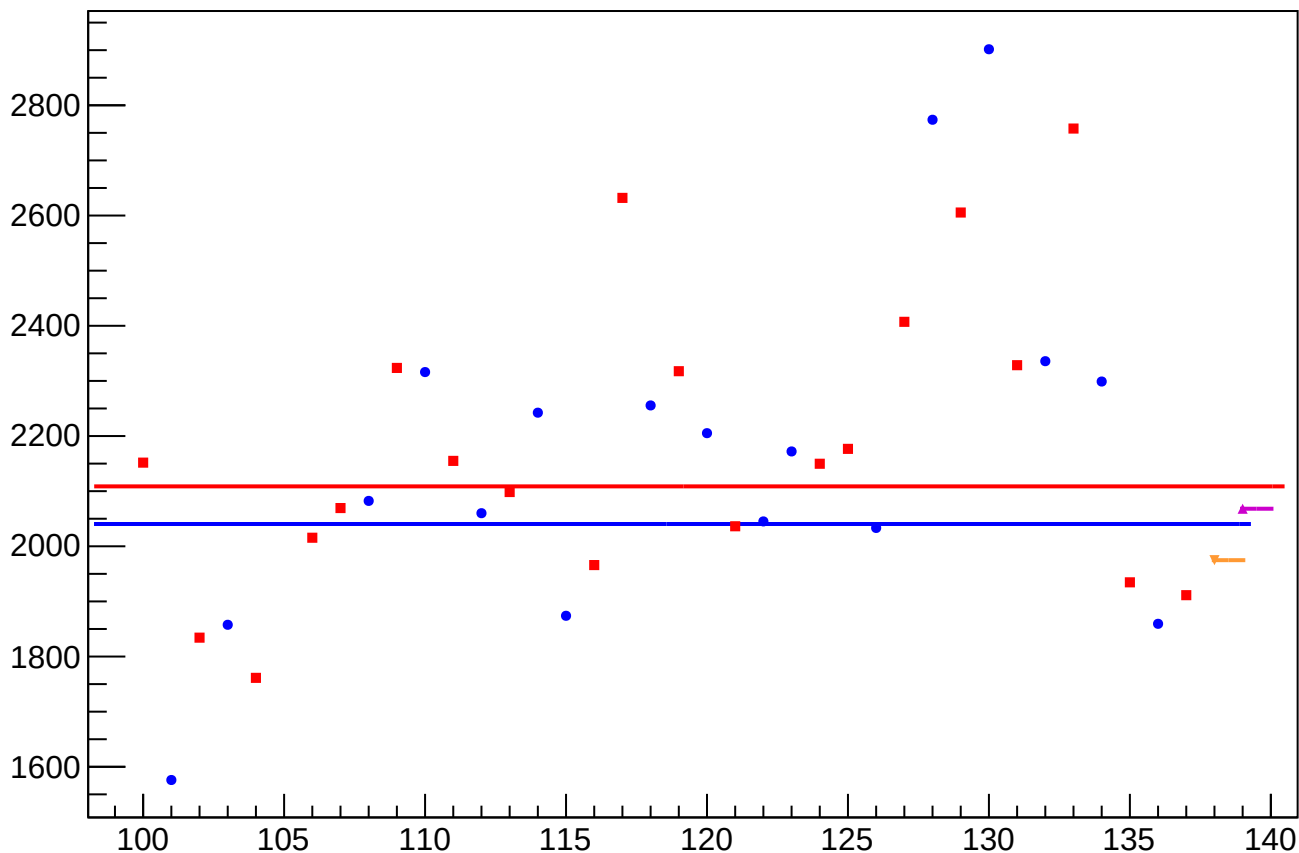
Left In: 5088.742 $\pm$ 2946.094 χ^2 /NDF: 0.0/0

2596.311 $\pm$ 754.147 χ^2 /NDF: 21.8/17

2820.729 $\pm$ 537.559 χ^2 /NDF: 34.5/38

3052.528 $\pm$ 766.449 χ^2 /NDF: 12.5/20

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: 2108.696+/-0.561 χ^2/NDF : 198858.0/19

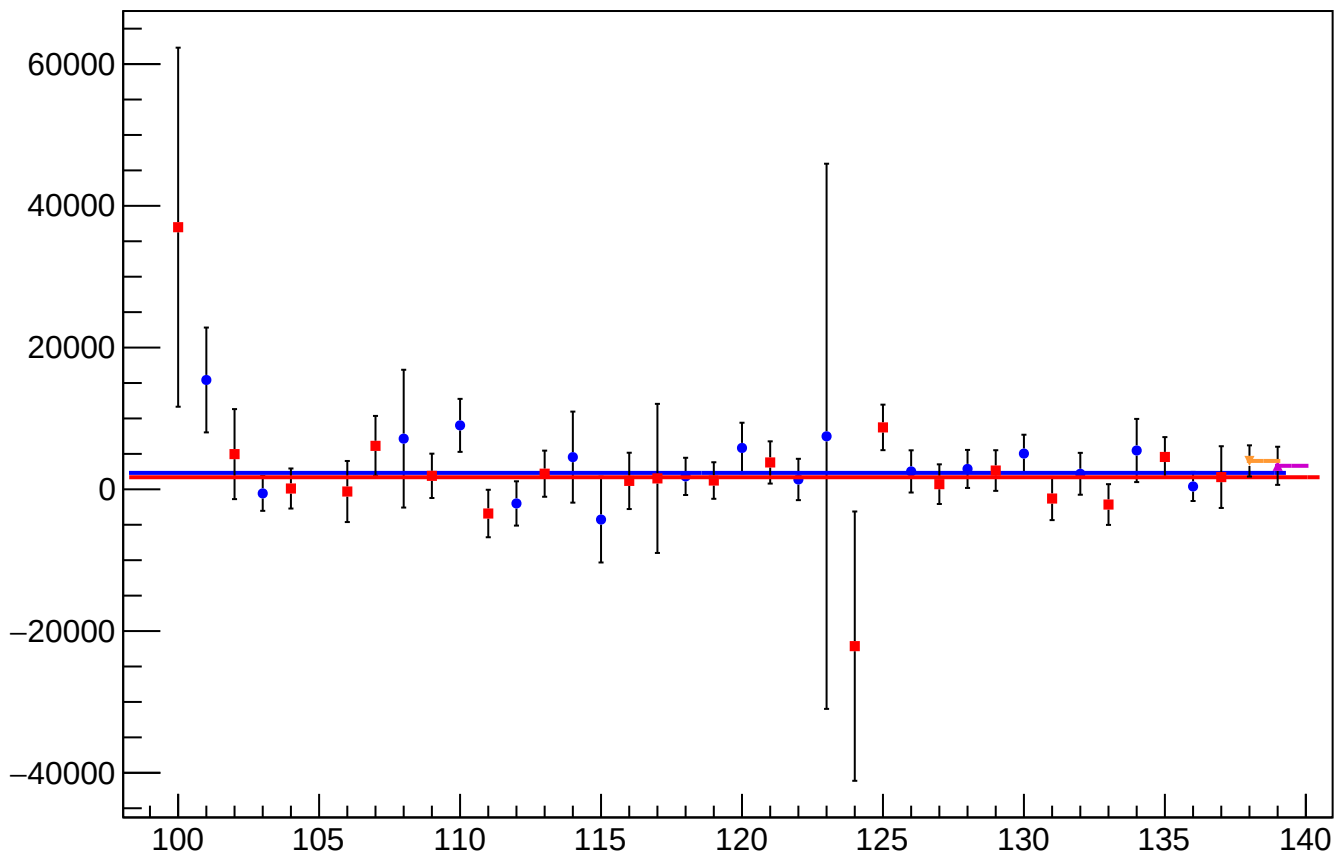
Left In: 2068.142+/-2.083 χ^2/NDF : 0.0/0

2033.458+/-0.533 χ^2/NDF : 332778.4/17

2069.118+/-0.380 χ^2/NDF : 541080.6/38

2105.952+/-0.542 χ^2/NDF : 199211.3/20

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: 1704.595+/-780.689 χ^2/NDF : 17.2/19

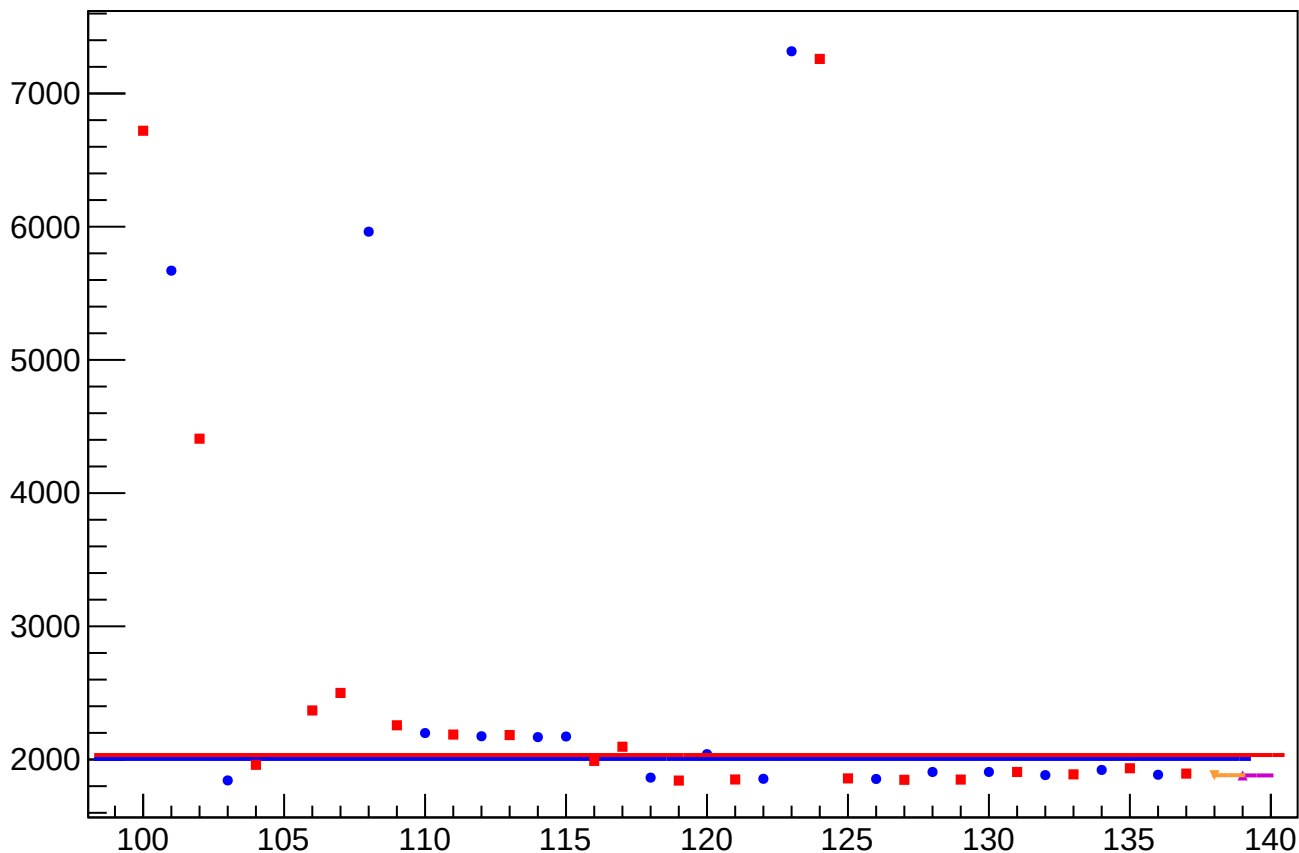
Left In: 3317.395+/-2689.475 χ^2/NDF : 0.0/0

2516.481+/-753.062 χ^2/NDF : 15.3/17

2171.688+/-531.317 χ^2/NDF : 33.2/38

1829.929+/-749.741 χ^2/NDF : 17.5/20

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: 2033.835+/-0.552 χ^2/NDF : 611080.3/19

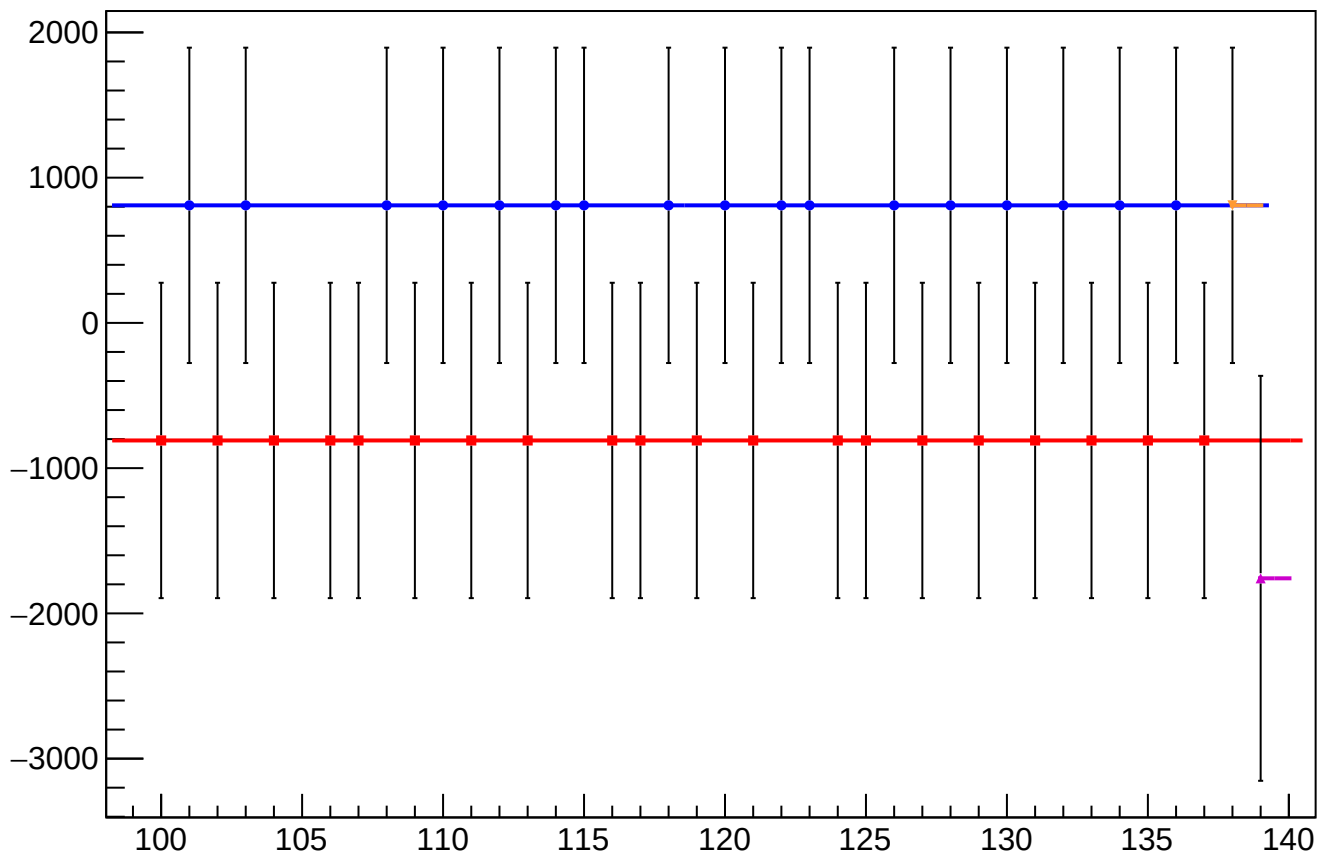
Left In: 1880.636+/-1.902 χ^2/NDF : 0.0/0

1990.246+/-0.532 χ^2/NDF : 921455.4/17

2006.158+/-0.376 χ^2/NDF : 1540298.8/38

2021.930+/-0.530 χ^2/NDF : 617065.4/20

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 809.345+/-263.303 χ^2/NDF : 0.0/16

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

Right Out: -809.345+/-242.753 χ^2/NDF : 0.0/19

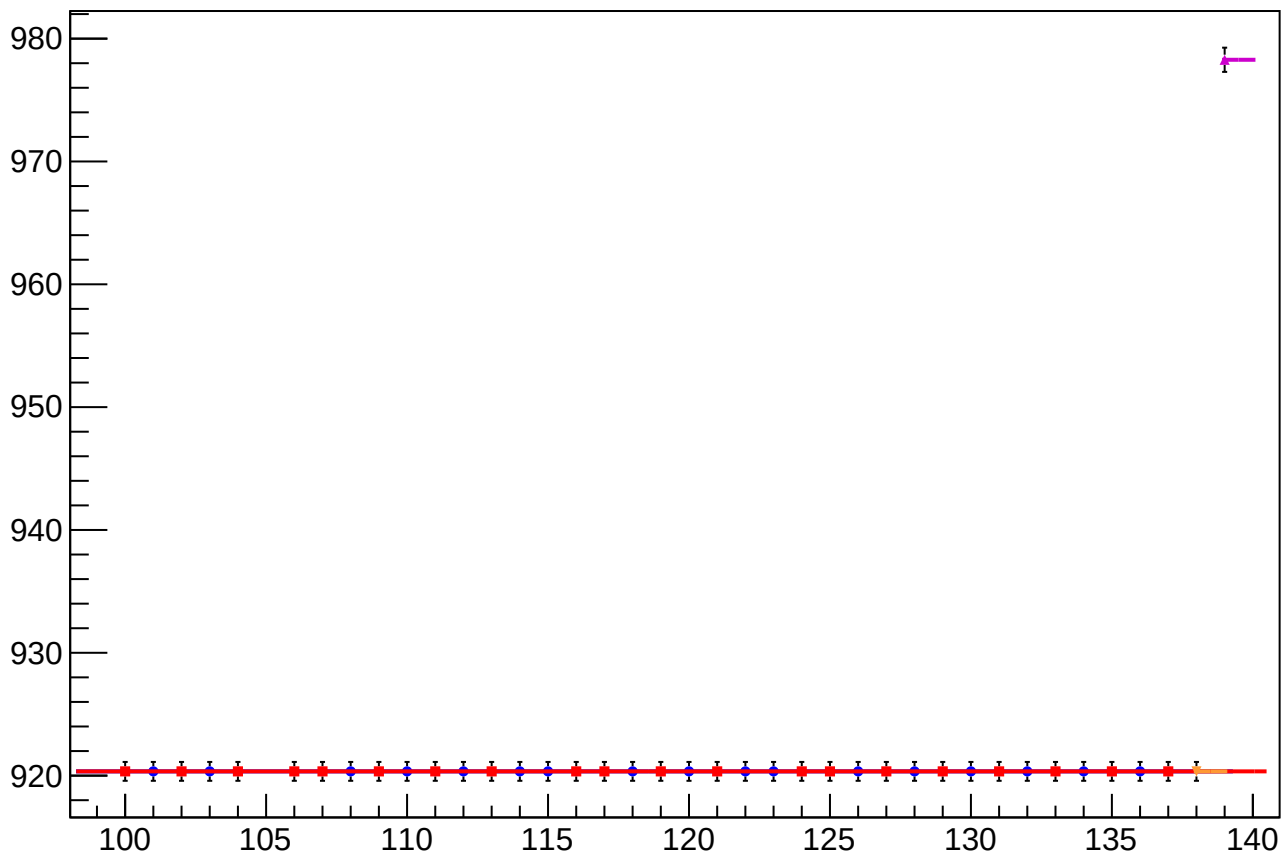
Left In: -1758.572+/-1394.050 χ^2/NDF : 0.0/0

809.345+/-255.884 χ^2/NDF : 0.0/17

-69.553+/-174.723 χ^2/NDF : 22.6/38

-837.281+/-239.154 χ^2/NDF : 0.4/20

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 920.346 $\pm$ 0.186 χ^2 /NDF: 0.0/16

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

Right Out: 920.346 $\pm$ 0.172 χ^2 /NDF: 0.0/19

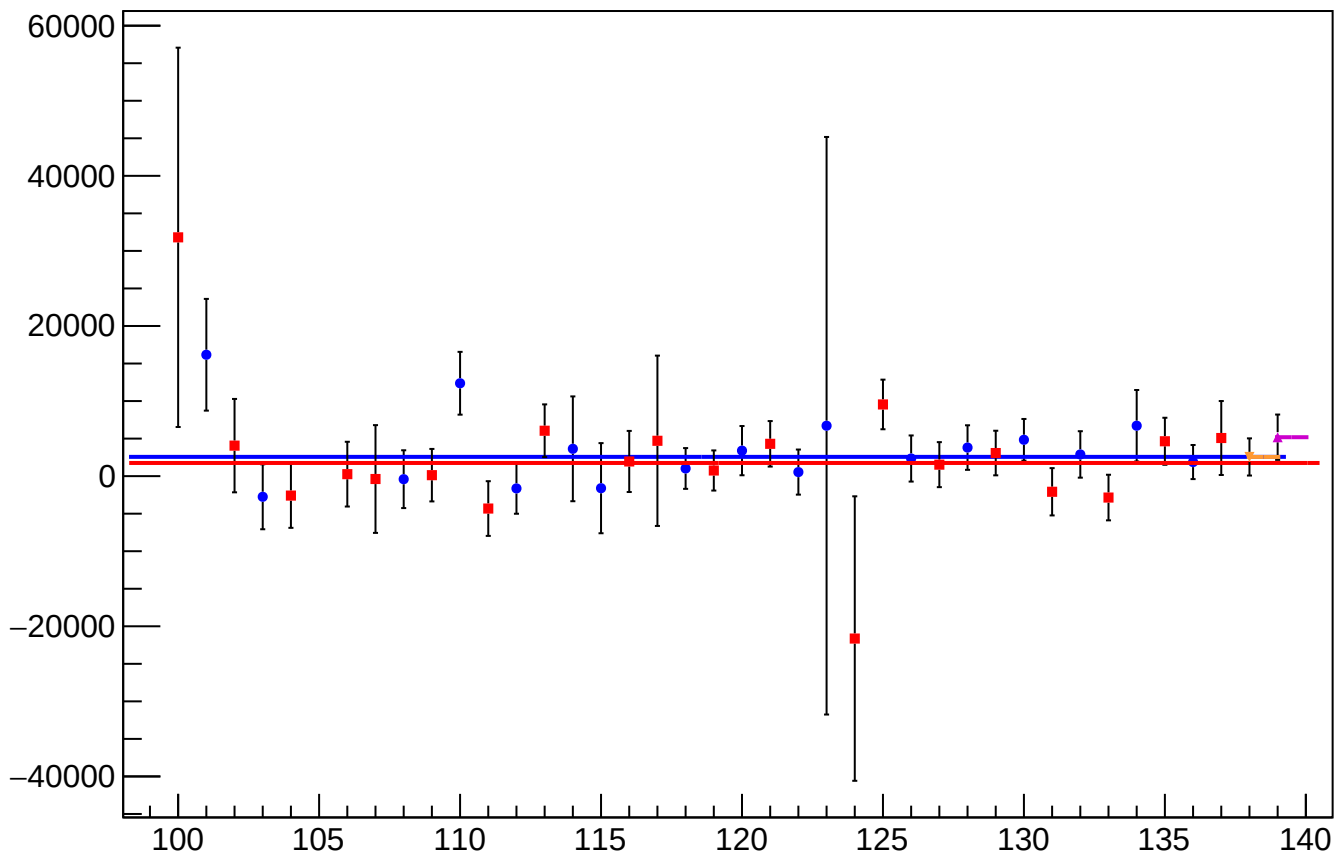
Left In: 978.279 $\pm$ 0.986 χ^2 /NDF: 0.0/0

920.346 $\pm$ 0.181 χ^2 /NDF: 0.0/17

921.257 $\pm$ 0.124 χ^2 /NDF: 3399.7/38

922.051 $\pm$ 0.169 χ^2 /NDF: 3352.3/20

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: 1754.395 $\pm$ 850.779 χ^2 /NDF: 20.6/19

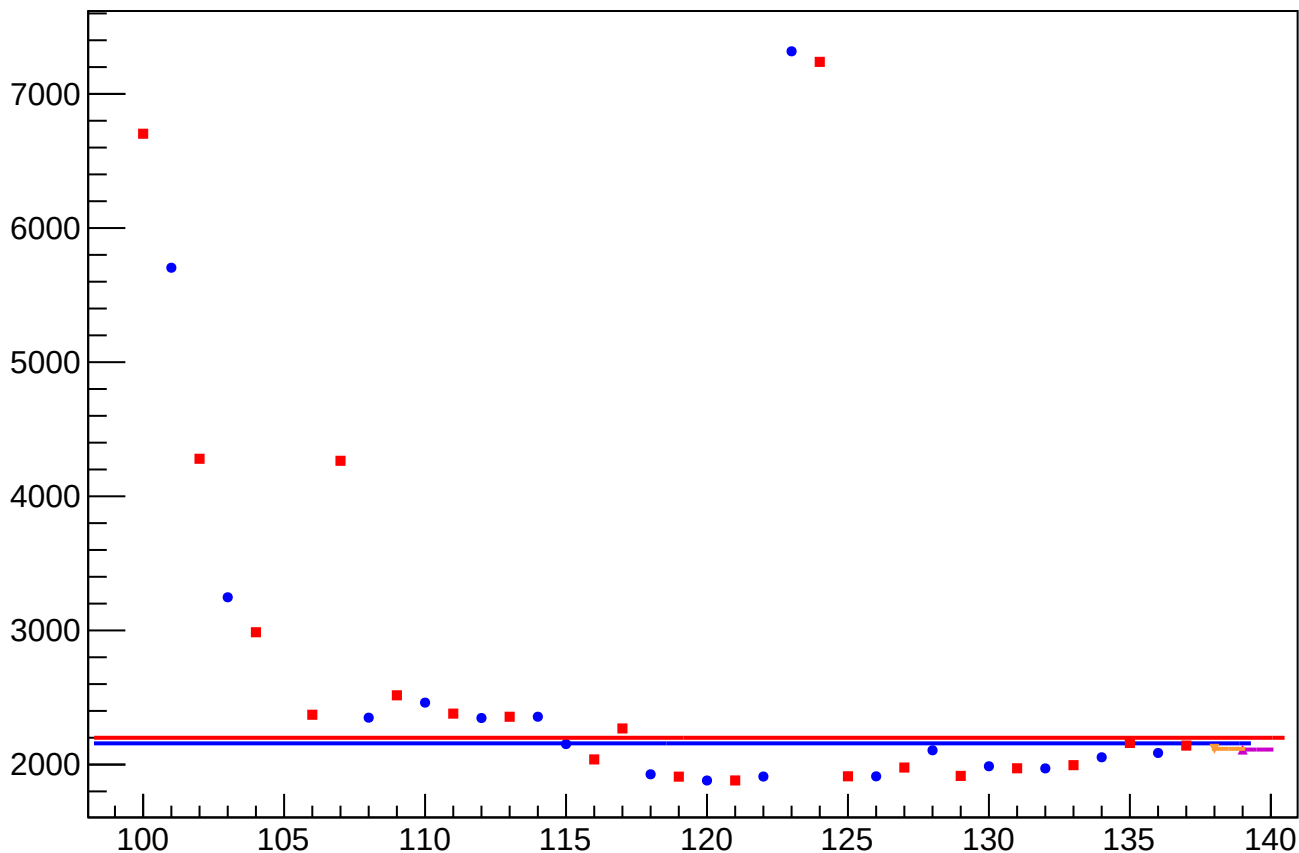
Left In: 5184.625 $\pm$ 3018.916 χ^2 /NDF: 0.0/0

2565.583 $\pm$ 809.077 χ^2 /NDF: 15.6/17

2289.547 $\pm$ 575.539 χ^2 /NDF: 37.6/38

2006.780 $\pm$ 818.882 χ^2 /NDF: 21.8/20

asym_at1_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 2199.736+/-0.602 χ^2/NDF : 803097.4/19

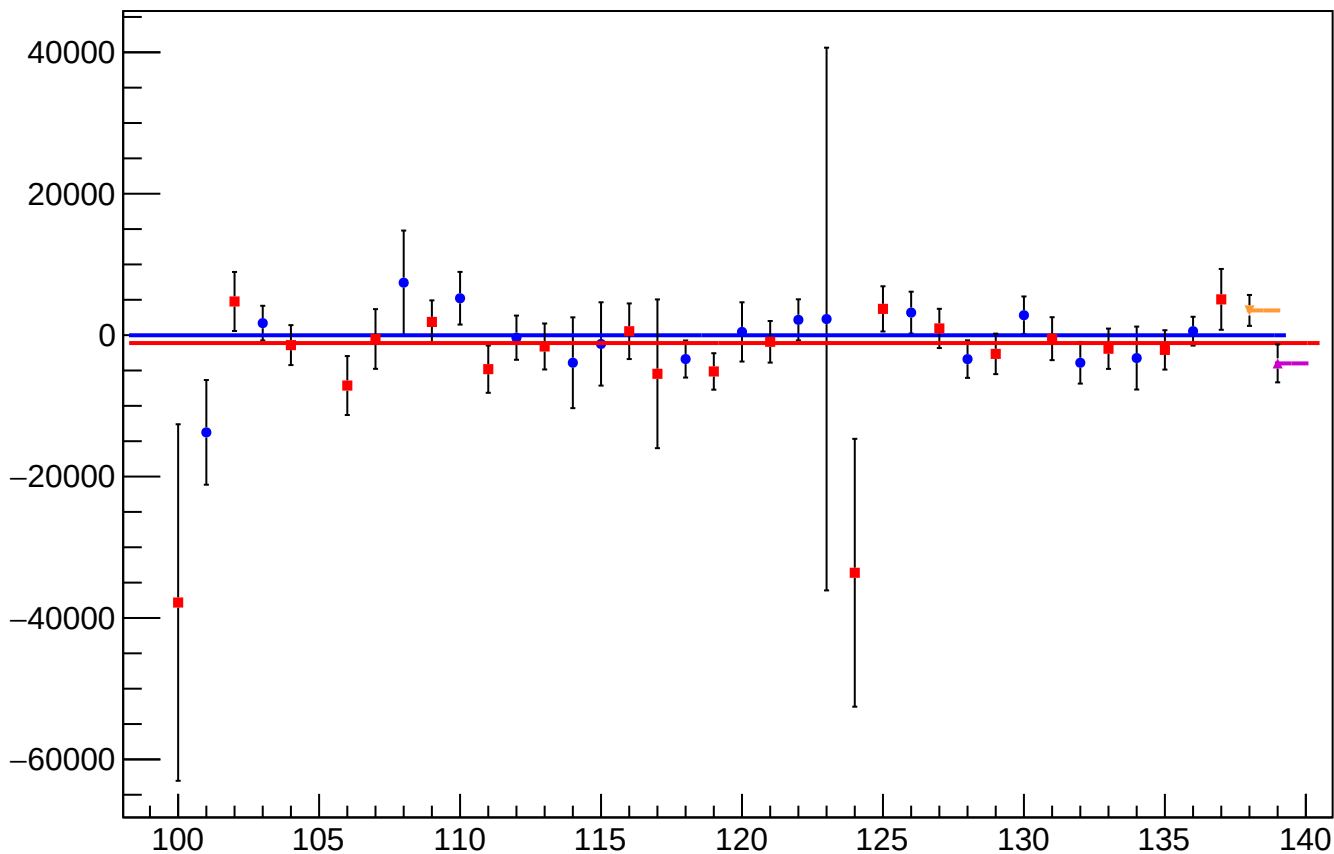
Left In: 2111.909+/-2.135 χ^2/NDF : 0.0/0

2153.791+/-0.572 χ^2/NDF : 714347.3/17

2173.295+/-0.407 χ^2/NDF : 1521365.7/38

2193.274+/-0.579 χ^2/NDF : 804665.6/20

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -1118.717 ± 767.670 χ^2/NDF : 19.6/19

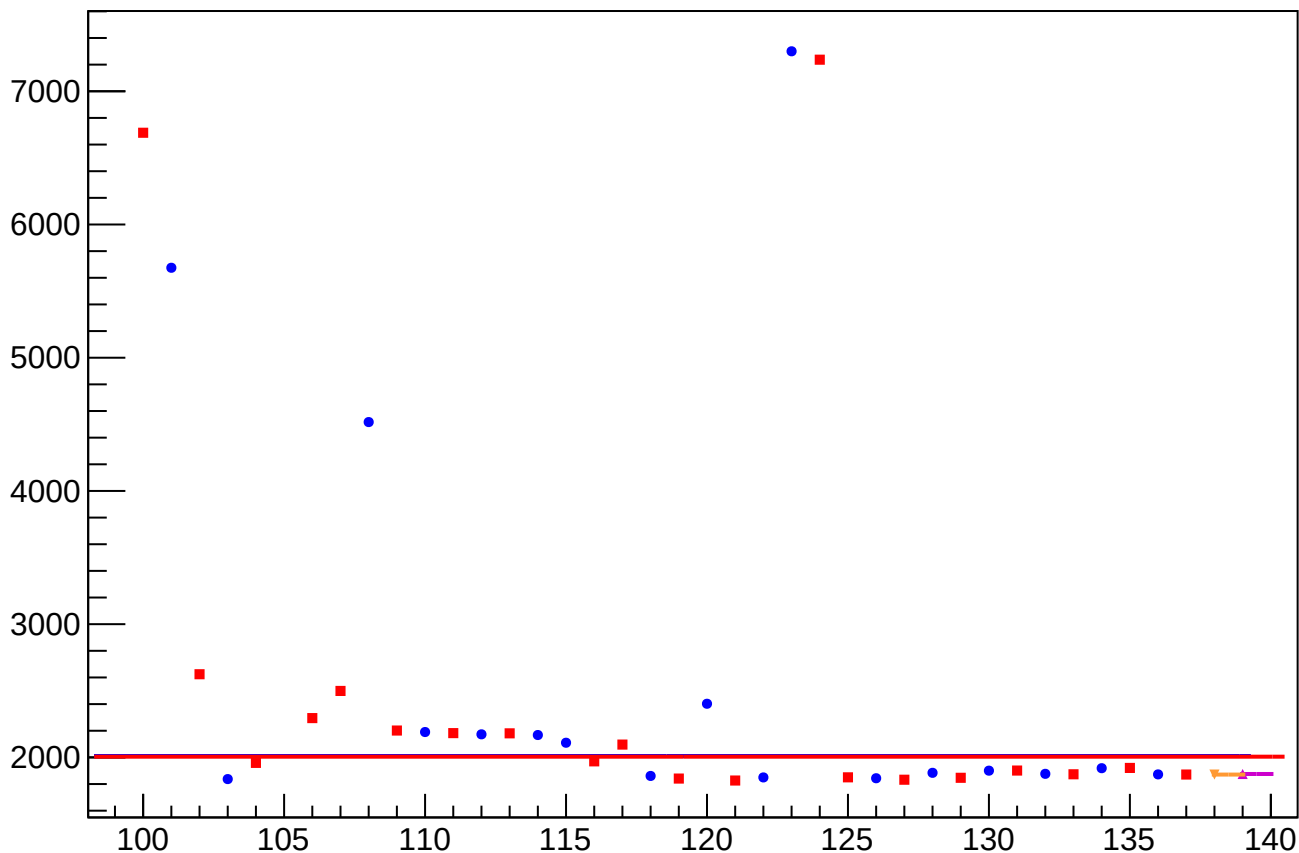
Left In: -3996.560 ± 2682.121 χ^2/NDF : 0.0/0

397.612 ± 752.500 χ^2/NDF : 18.1/17

-486.333 ± 526.909 χ^2/NDF : 41.5/38

-1336.620 ± 738.035 χ^2/NDF : 20.6/20

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: 2005.369+/-0.543 χ^2/NDF : 367662.8/19

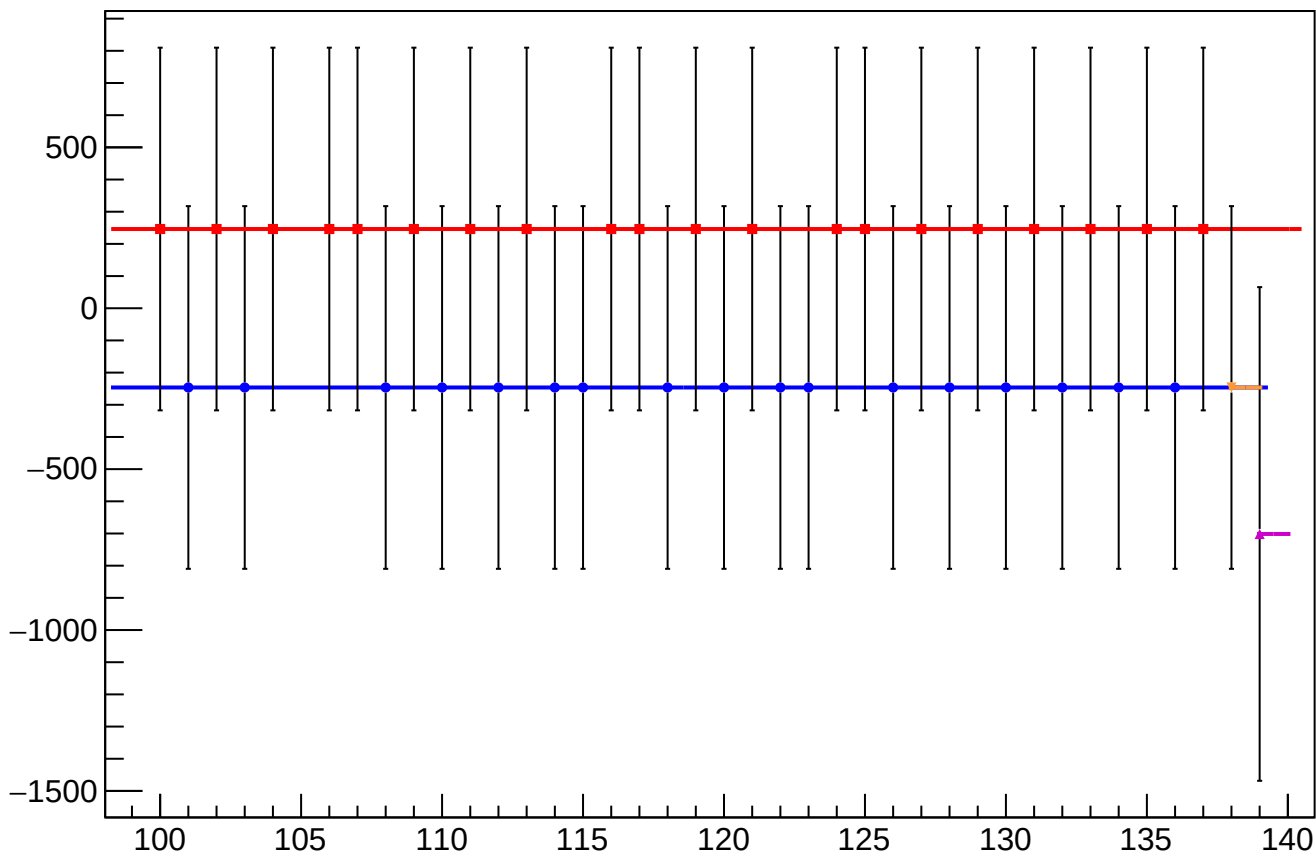
Left In: 1875.480+/-1.897 χ^2/NDF : 0.0/0

1993.803+/-0.532 χ^2/NDF : 846885.1/17

1994.685+/-0.373 χ^2/NDF : 1218888.6/38

1995.534+/-0.522 χ^2/NDF : 371998.1/20

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -246.217+/-136.686 χ^2/NDF : 0.0/16

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

Right Out: 246.217+/-126.019 χ^2/NDF : 0.0/19

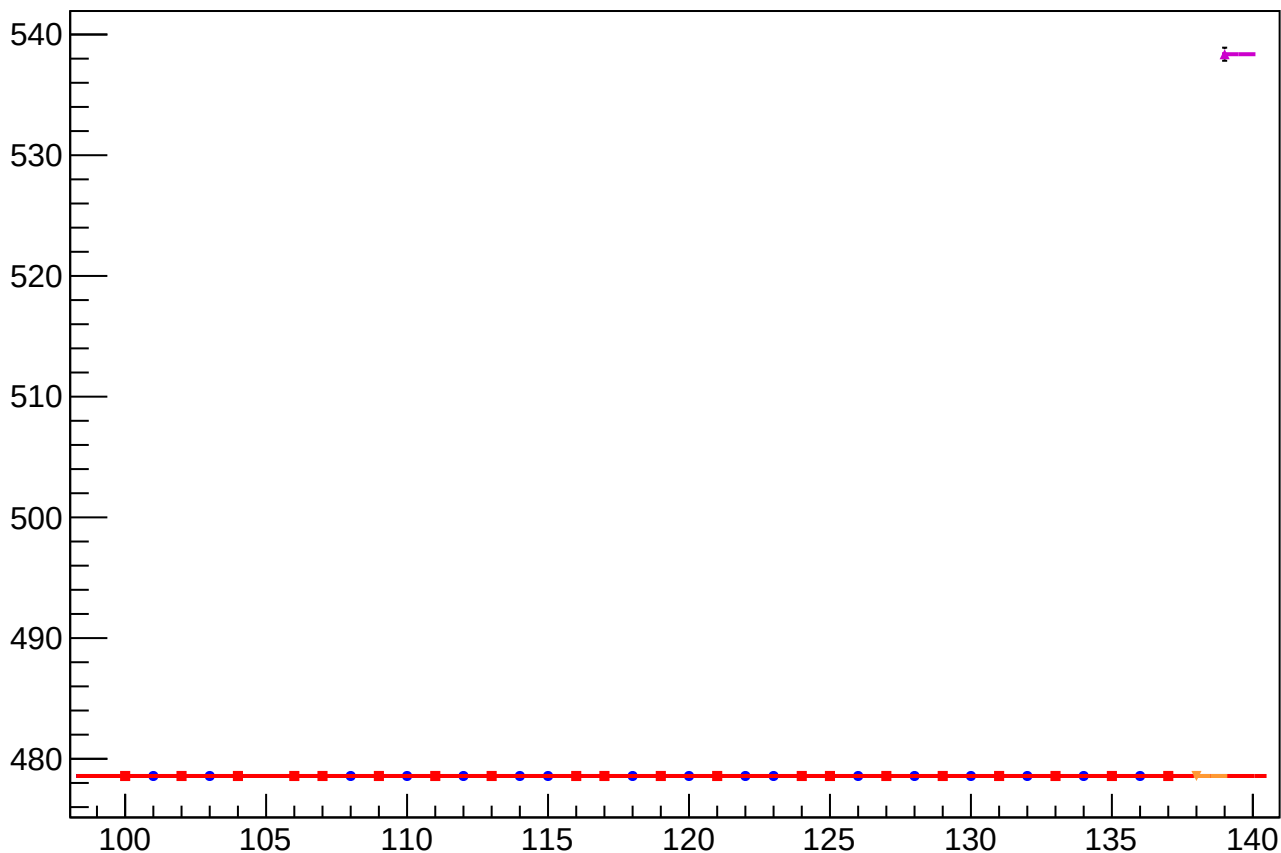
Left In: -701.442+/-767.080 χ^2/NDF : 0.0/0

-246.217+/-132.835 χ^2/NDF : 0.0/17

2.953+/-90.781 χ^2/NDF : 8.1/38

221.313+/-124.352 χ^2/NDF : 1.5/20

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 478.577 $\pm$ 0.097 χ^2 /NDF: 0.0/16

Left Out: 478.577 $\pm$ 0.399 χ^2 /NDF: 0.0/0

Right Out: 478.577 $\pm$ 0.089 χ^2 /NDF: 0.0/19

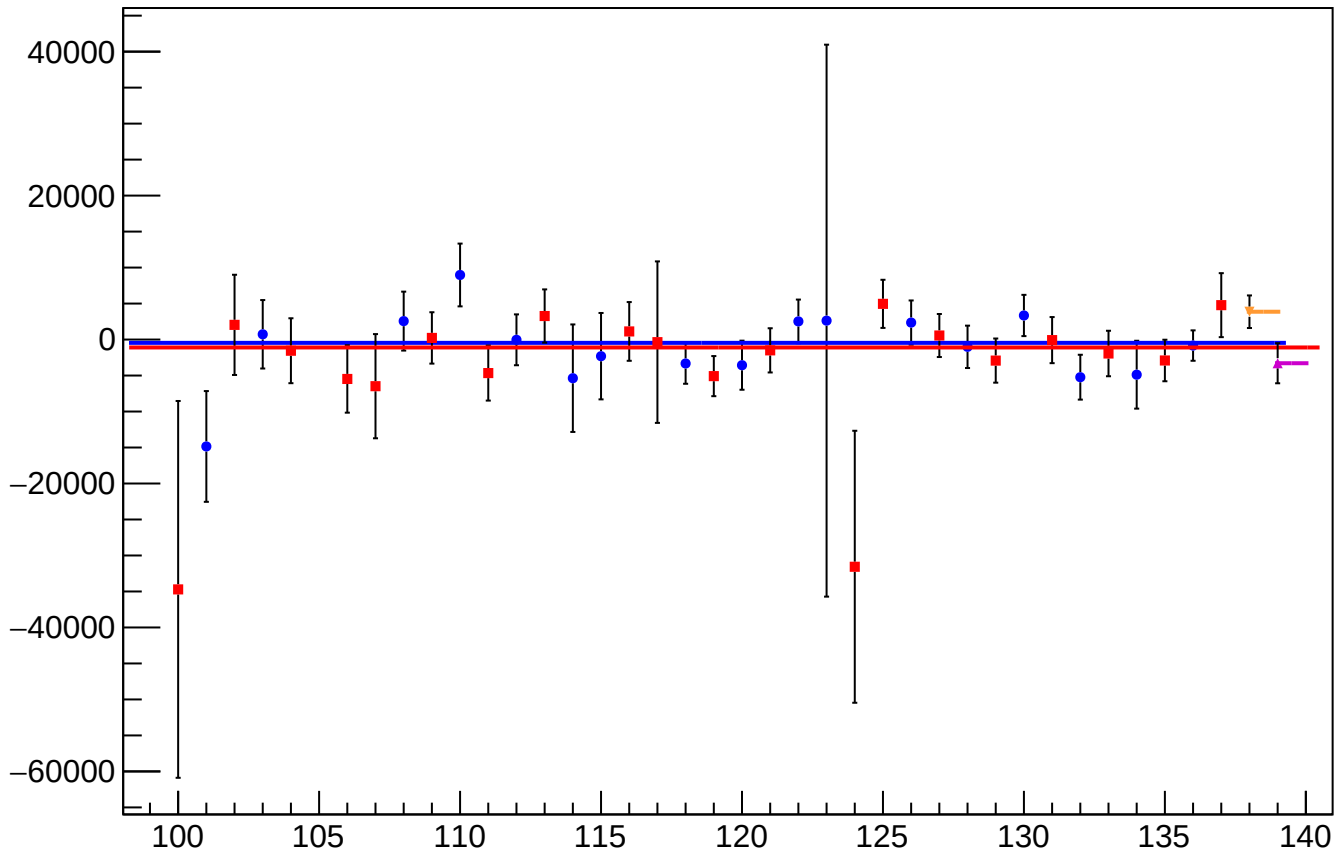
Left In: 538.367 $\pm$ 0.542 χ^2 /NDF: 0.0/0

478.577 $\pm$ 0.094 χ^2 /NDF: 0.0/17

479.415 $\pm$ 0.064 χ^2 /NDF: 11980.4/38

480.149 $\pm$ 0.088 χ^2 /NDF: 11831.2/20

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -458.311 ± 865.151 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 3865.230 ± 2263.582 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1099.895 ± 864.581 $\chi^2/\text{NDF}: 16.9/19$

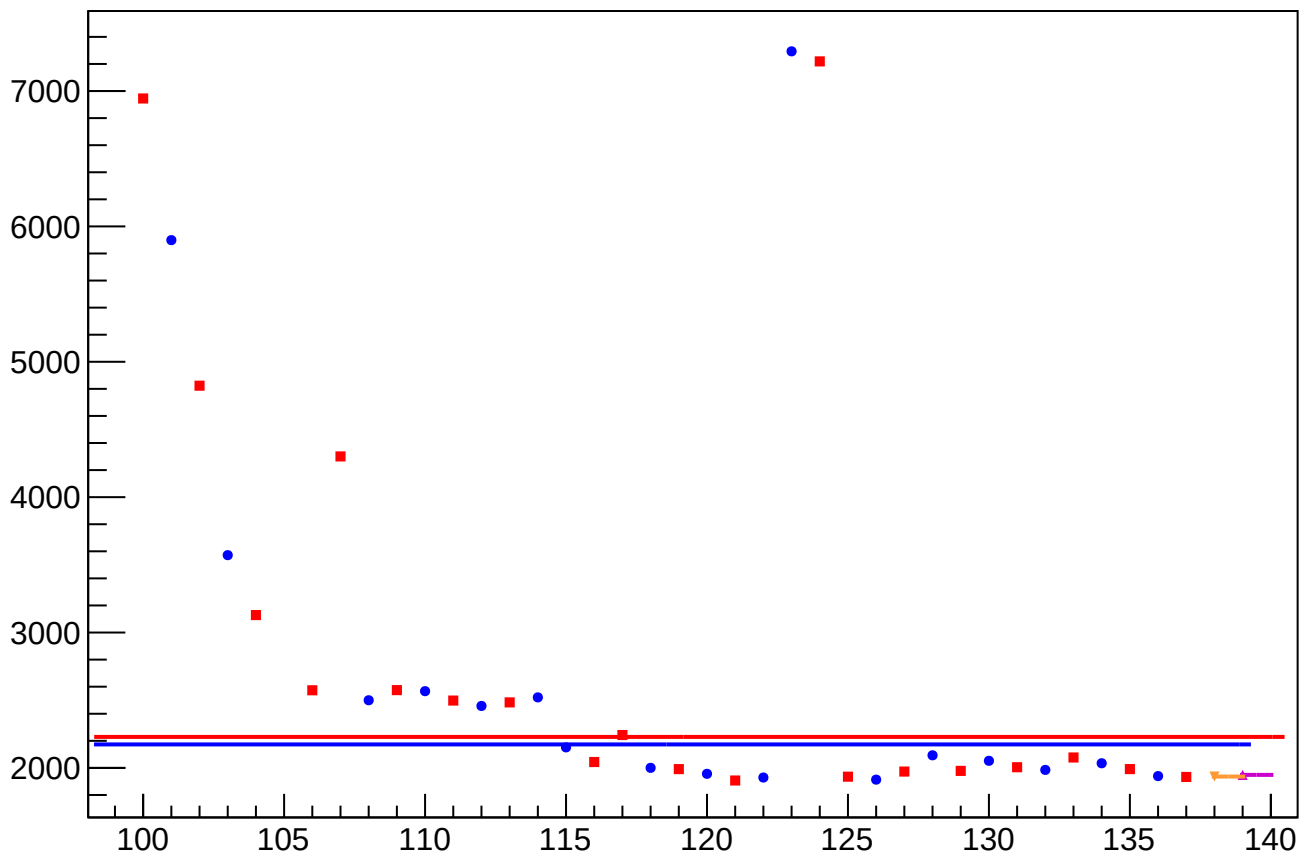
Left In: -3289.478 ± 2786.168 $\chi^2/\text{NDF}: 0.0/0$

92.771 ± 808.136 $\chi^2/\text{NDF}: 21.2/17$

-584.805 ± 577.561 $\chi^2/\text{NDF}: 40.1/38$

-1292.218 ± 825.738 $\chi^2/\text{NDF}: 17.5/20$

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: 2228.976+/-0.611 χ^2/NDF : 895866.5/19

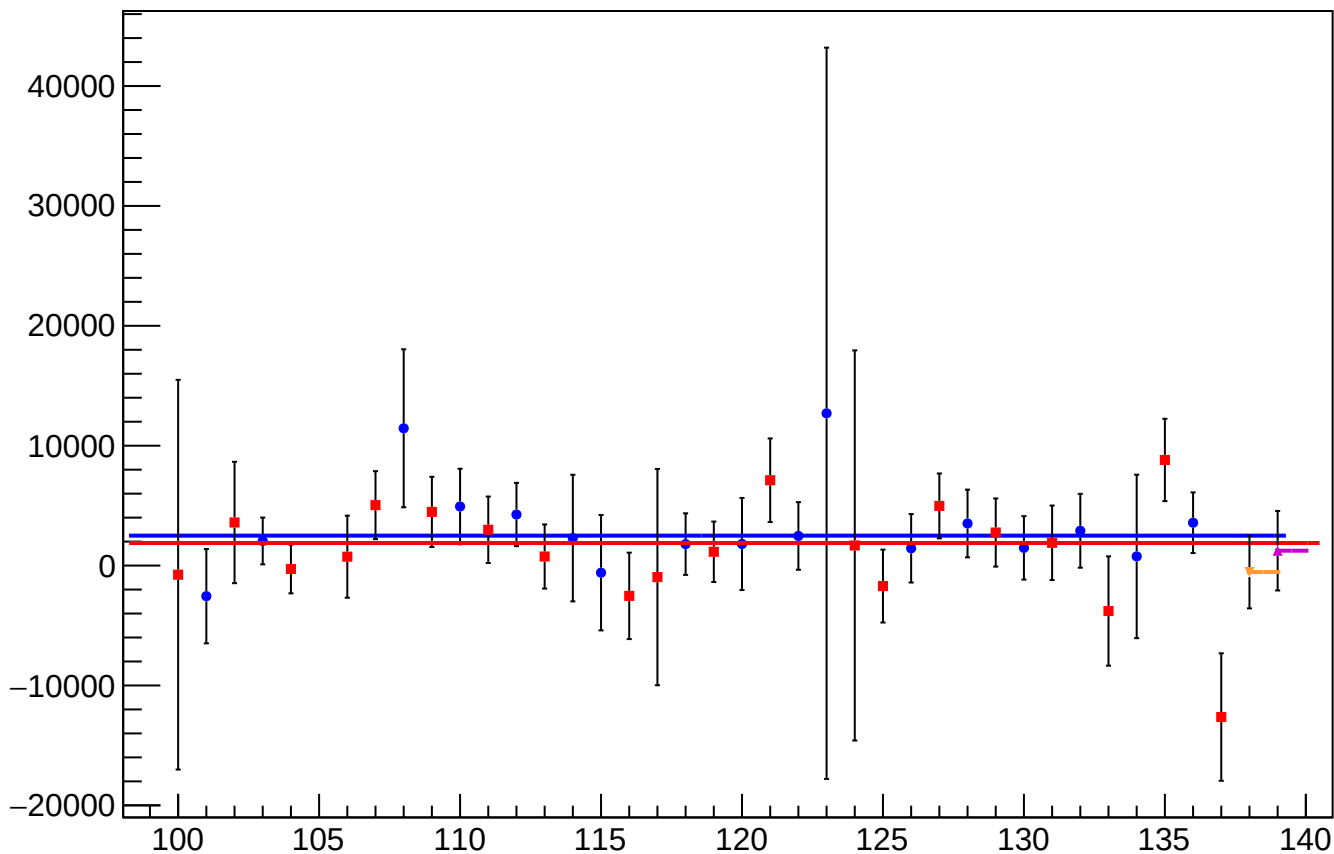
Left In: 1948.504+/-1.970 χ^2/NDF : 0.0/0

2143.279+/-0.571 χ^2/NDF : 824543.4/17

2173.152+/-0.408 χ^2/NDF : 1744483.1/38

2204.341+/-0.584 χ^2/NDF : 914353.6/20

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: 1883.997 $\pm$ 734.348 χ^2 /NDF: 23.6/19

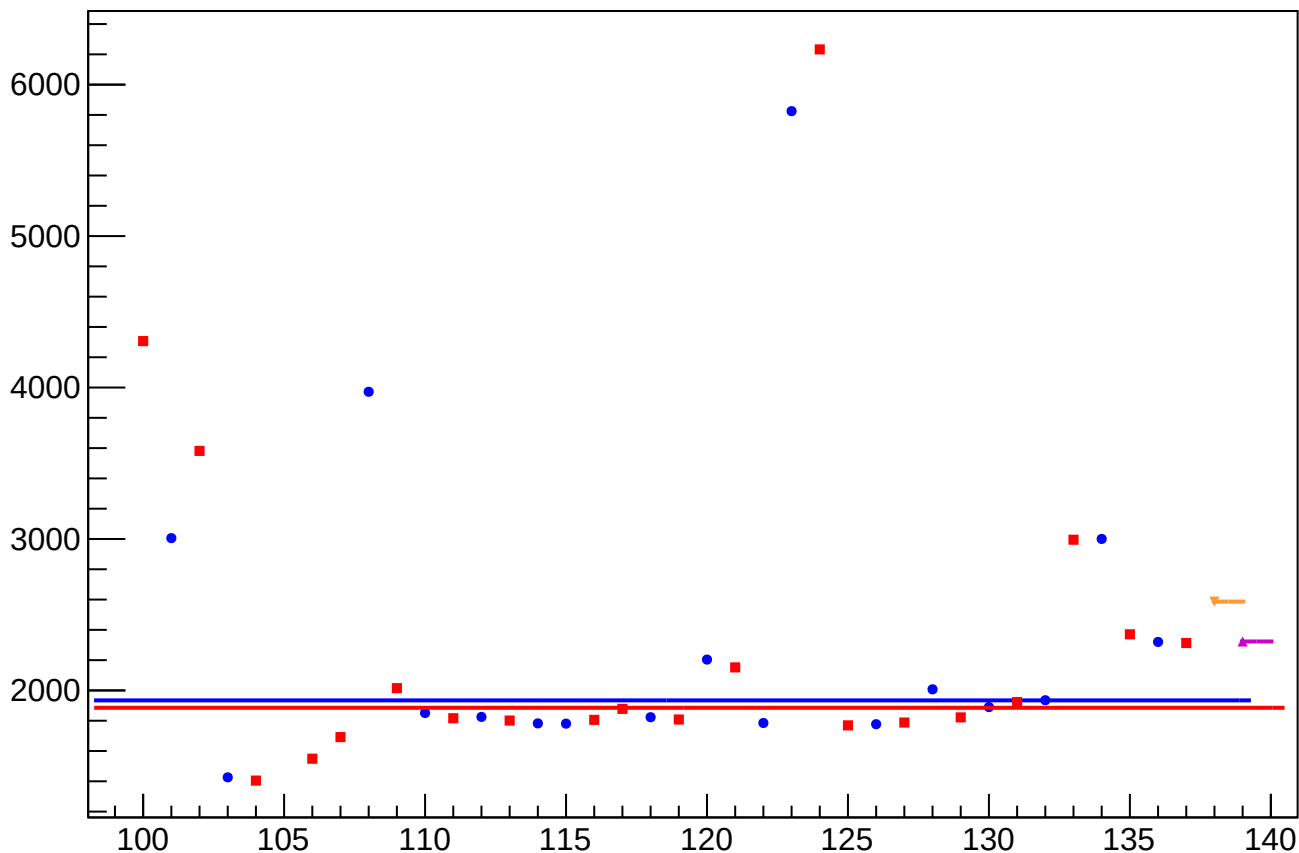
Left In: 1239.760 $\pm$ 3315.861 χ^2 /NDF: 0.0/0

2312.791 $\pm$ 744.690 χ^2 /NDF: 6.8/17

2074.636 $\pm$ 516.498 χ^2 /NDF: 30.6/38

1853.877 $\pm$ 716.976 χ^2 /NDF: 23.6/20

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: 1885.498+/-0.519 χ^2/NDF : 752093.1/19

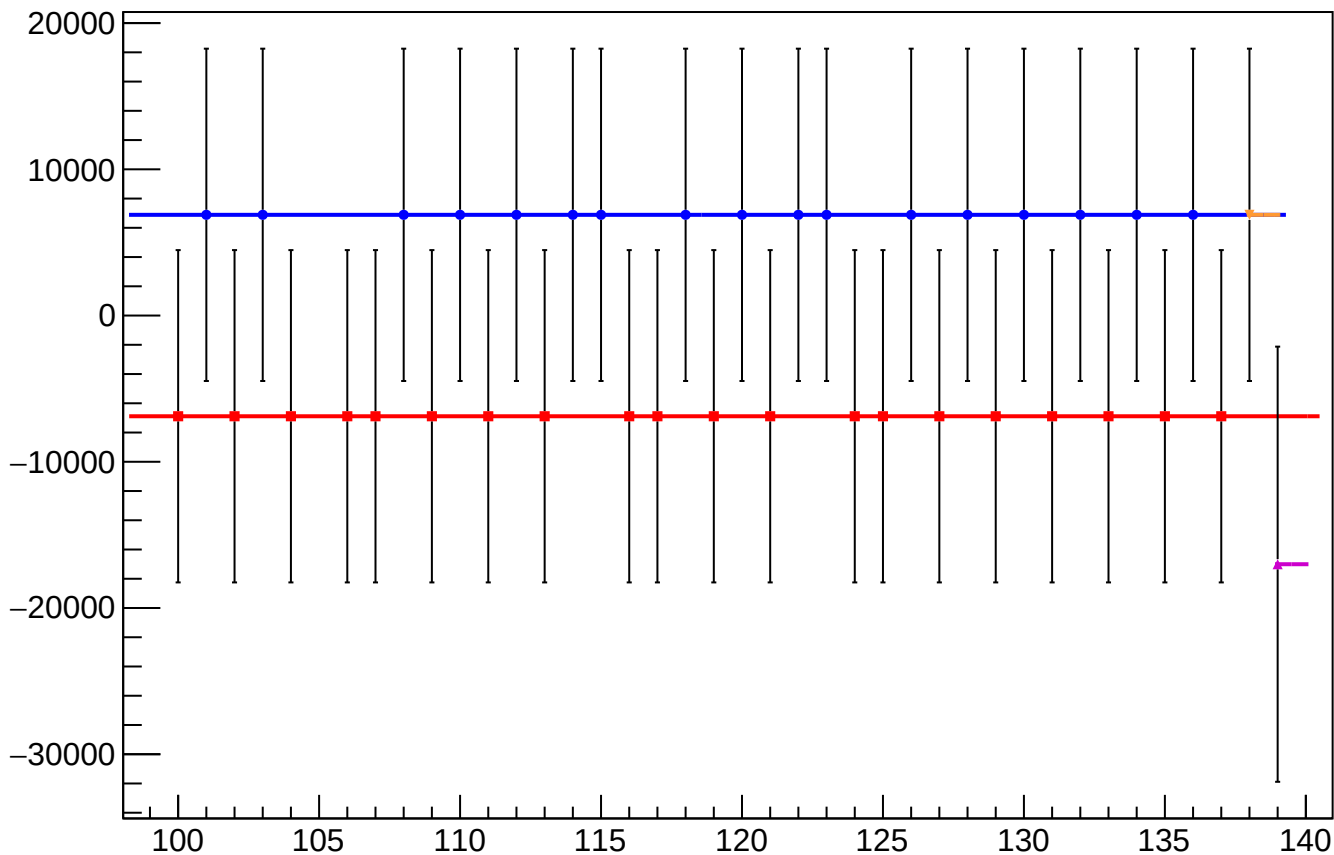
Left In: 2323.231+/-2.345 χ^2/NDF : 0.0/0

1973.857+/-0.527 χ^2/NDF : 726086.4/17

1938.614+/-0.365 χ^2/NDF : 1520034.9/38

1905.957+/-0.507 χ^2/NDF : 785318.3/20

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 6887.405+/-2755.932 χ^2/NDF : 0.0/16

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

Right Out: -6887.405+/-2540.843 χ^2/NDF : 0.0/19

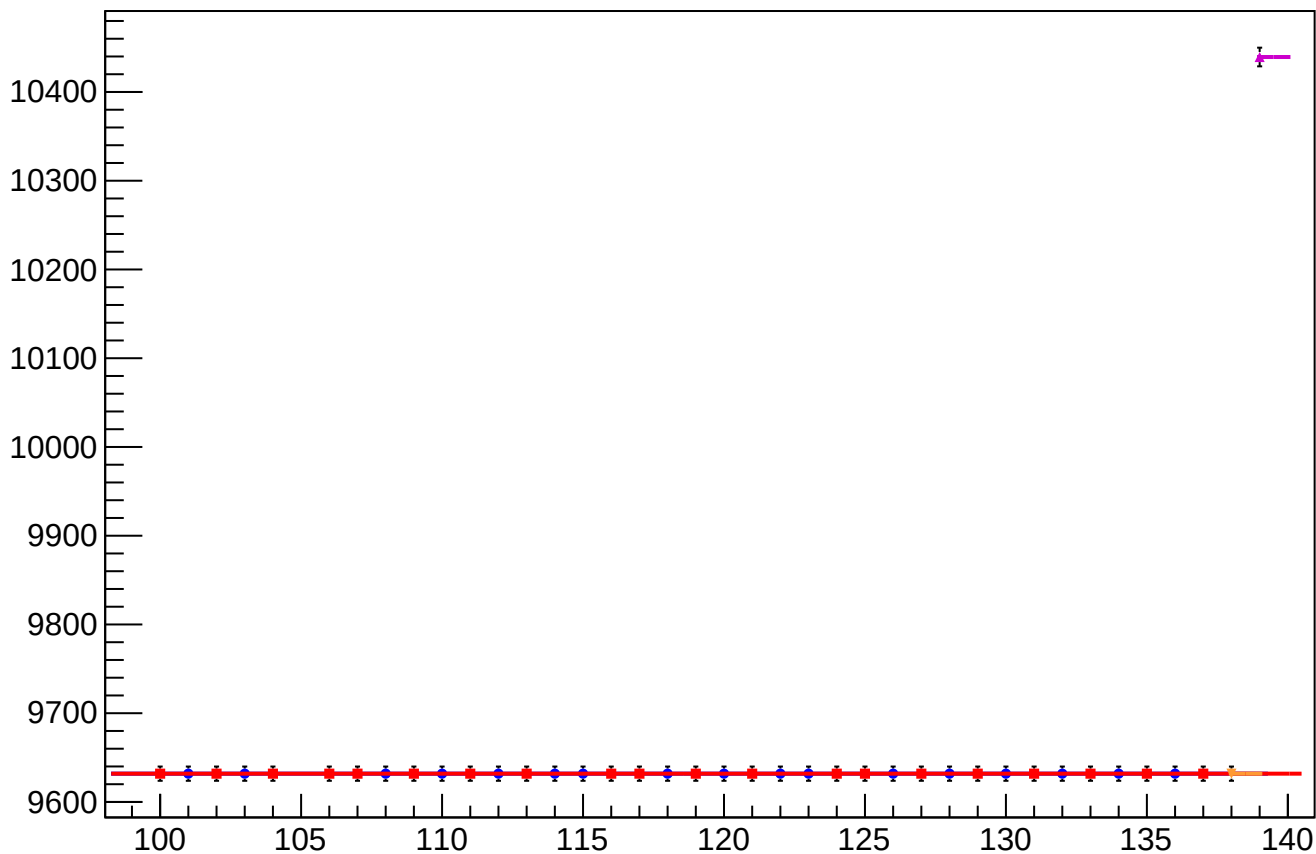
Left In: -17005.726+/-14879.346 χ^2/NDF : 0.0/0

6887.405+/-2678.284 χ^2/NDF : 0.0/17

-614.064+/-1829.337 χ^2/NDF : 15.2/38

-7174.096+/-2504.589 χ^2/NDF : 0.4/20

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 9631.878 $\pm$ 1.949 χ^2 /NDF: 0.0/16

Left Out: 9631.878 $\pm$ 8.035 χ^2 /NDF: 0.0/0

Right Out: 9631.878 $\pm$ 1.797 χ^2 /NDF: 0.0/19

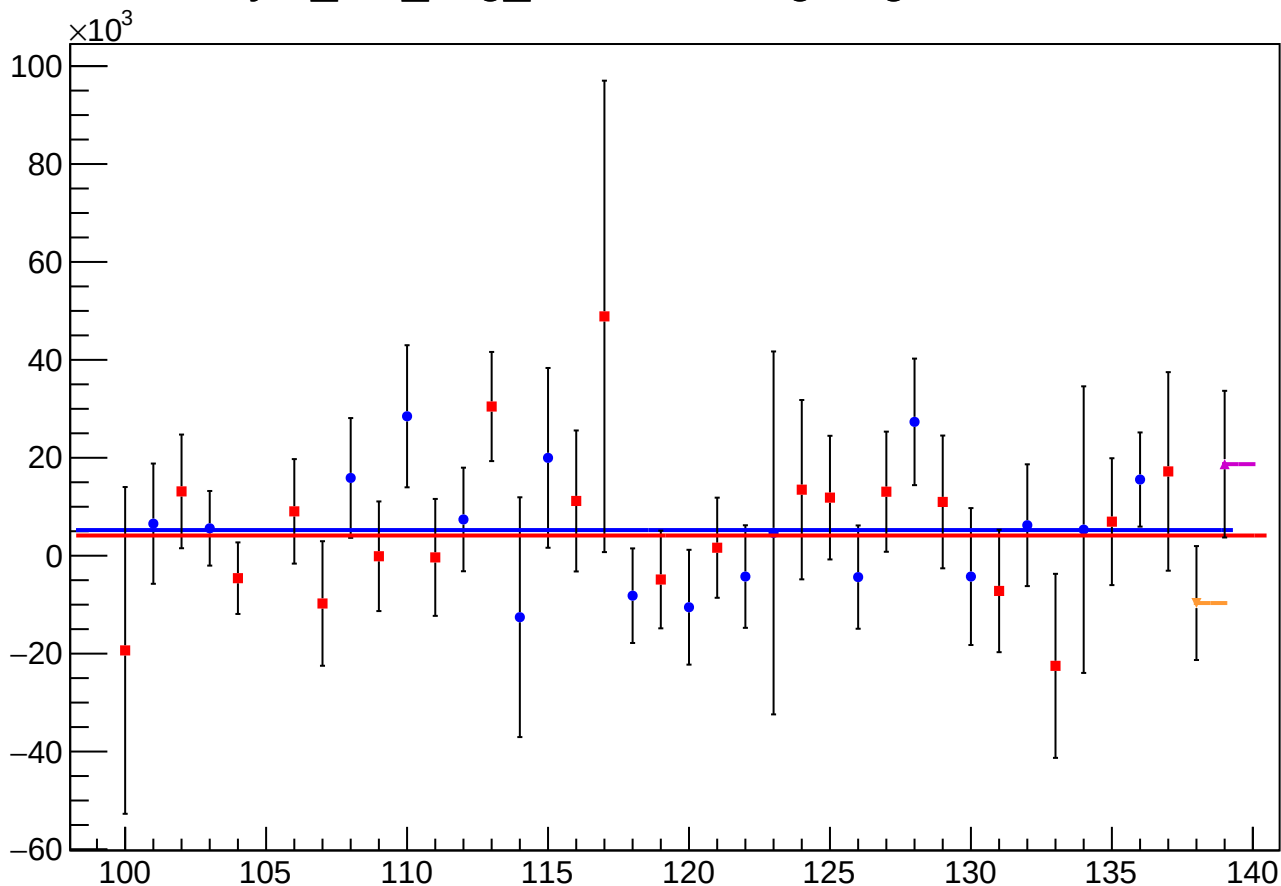
Left In: 10439.405 $\pm$ 10.521 χ^2 /NDF: 0.0/0

9631.878 $\pm$ 1.894 χ^2 /NDF: 0.0/17

9644.084 $\pm$ 1.294 χ^2 /NDF: 5801.8/38

9654.758 $\pm$ 1.771 χ^2 /NDF: 5723.9/20

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: 4126.409 $\pm$ 2785.746 χ^2 /NDF: 16.5/19

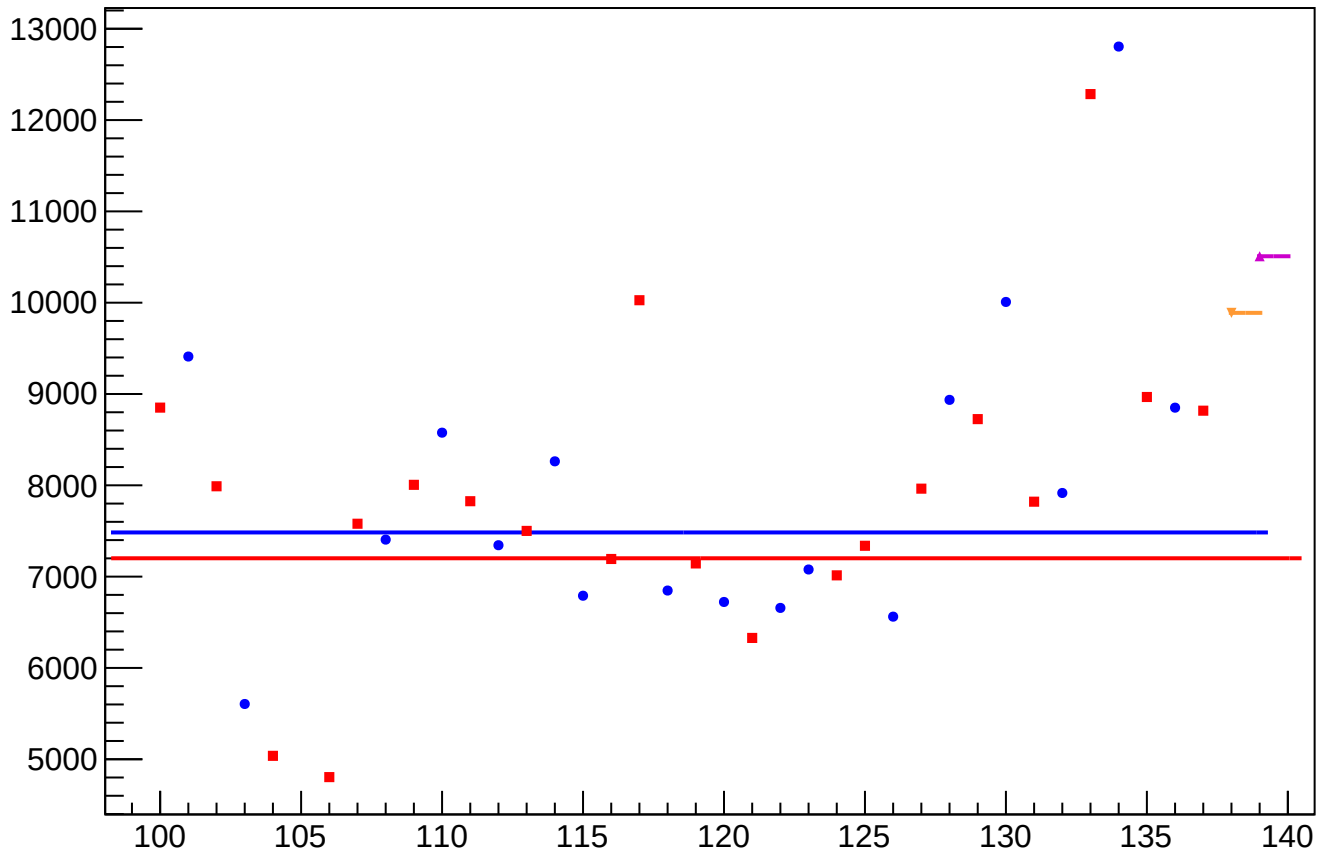
Left In: 18699.742 $\pm$ 14976.714 χ^2 /NDF: 0.0/0

4340.370 $\pm$ 2856.030 χ^2 /NDF: 16.0/17

4482.790 $\pm$ 1976.758 χ^2 /NDF: 33.4/38

4613.755 $\pm$ 2738.771 χ^2 /NDF: 17.4/20

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9888.674 $\pm$ 8.227 χ^2 /NDF: 0.0/0

Right Out: 7200.943 $\pm$ 1.970 χ^2 /NDF: 565668.0/19

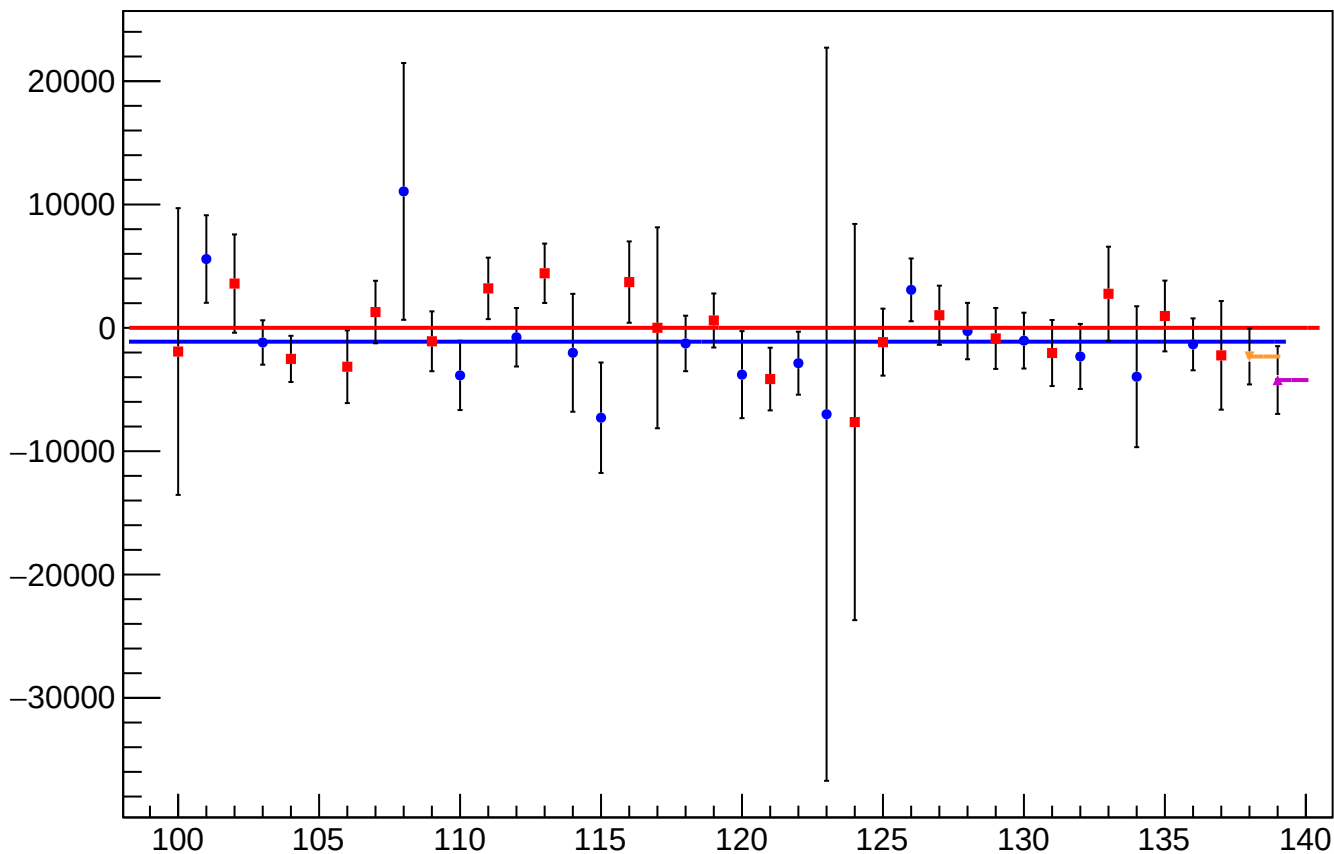
Left In: 10508.584 $\pm$ 10.590 χ^2 /NDF: 0.0/0

7628.676 $\pm$ 2.019 χ^2 /NDF: 512098.5/17

7463.441 $\pm$ 1.398 χ^2 /NDF: 1184906.2/38

7311.526 $\pm$ 1.936 χ^2 /NDF: 659958.0/20

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: 2.535+/-637.715 χ^2/NDF : 15.5/19

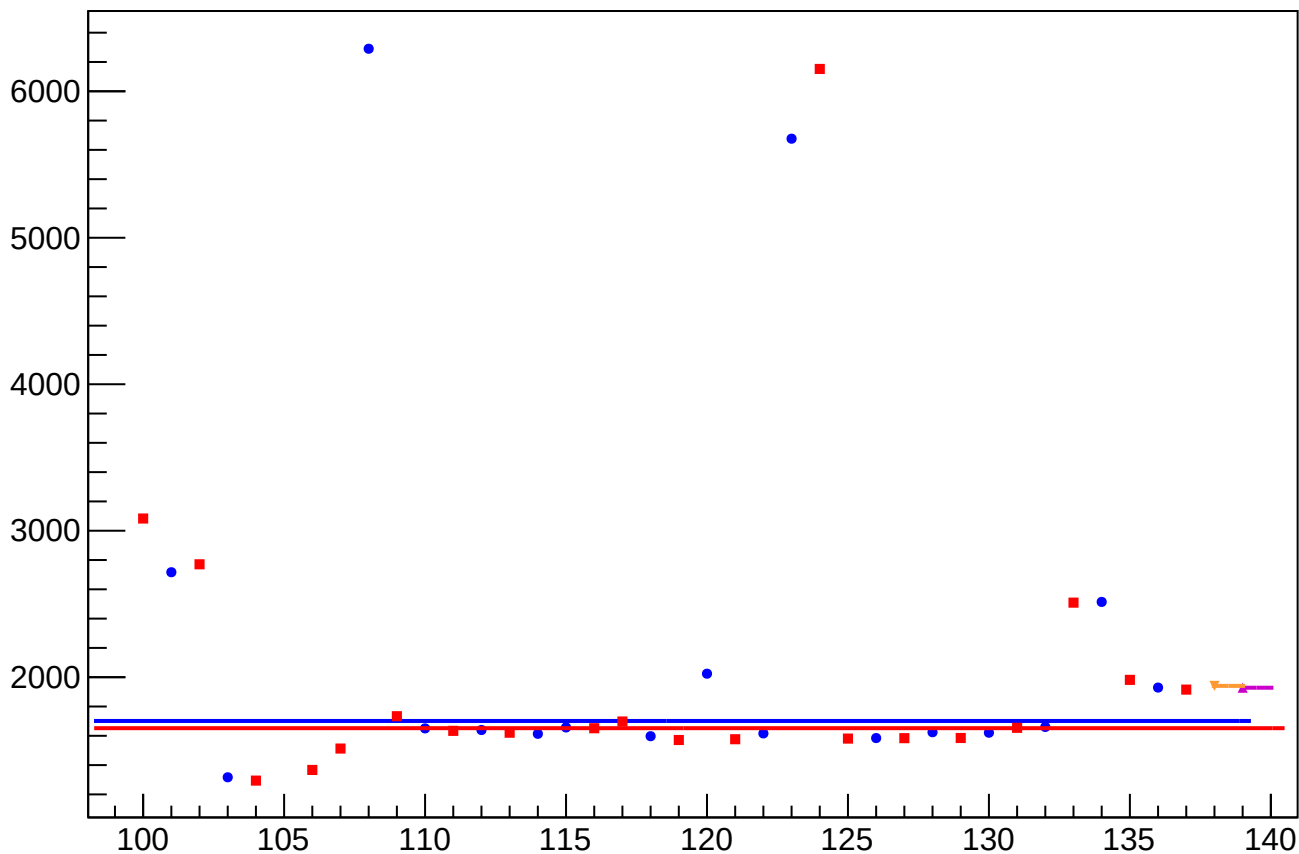
Left In: -4231.495+/-2746.341 χ^2/NDF : 0.0/0

-1219.931+/-650.497 χ^2/NDF : 12.5/17

-693.836+/-449.251 χ^2/NDF : 31.5/38

-214.081+/-621.188 χ^2/NDF : 17.7/20

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: 1652.015+/-0.451 χ^2/NDF : 588905.2/19

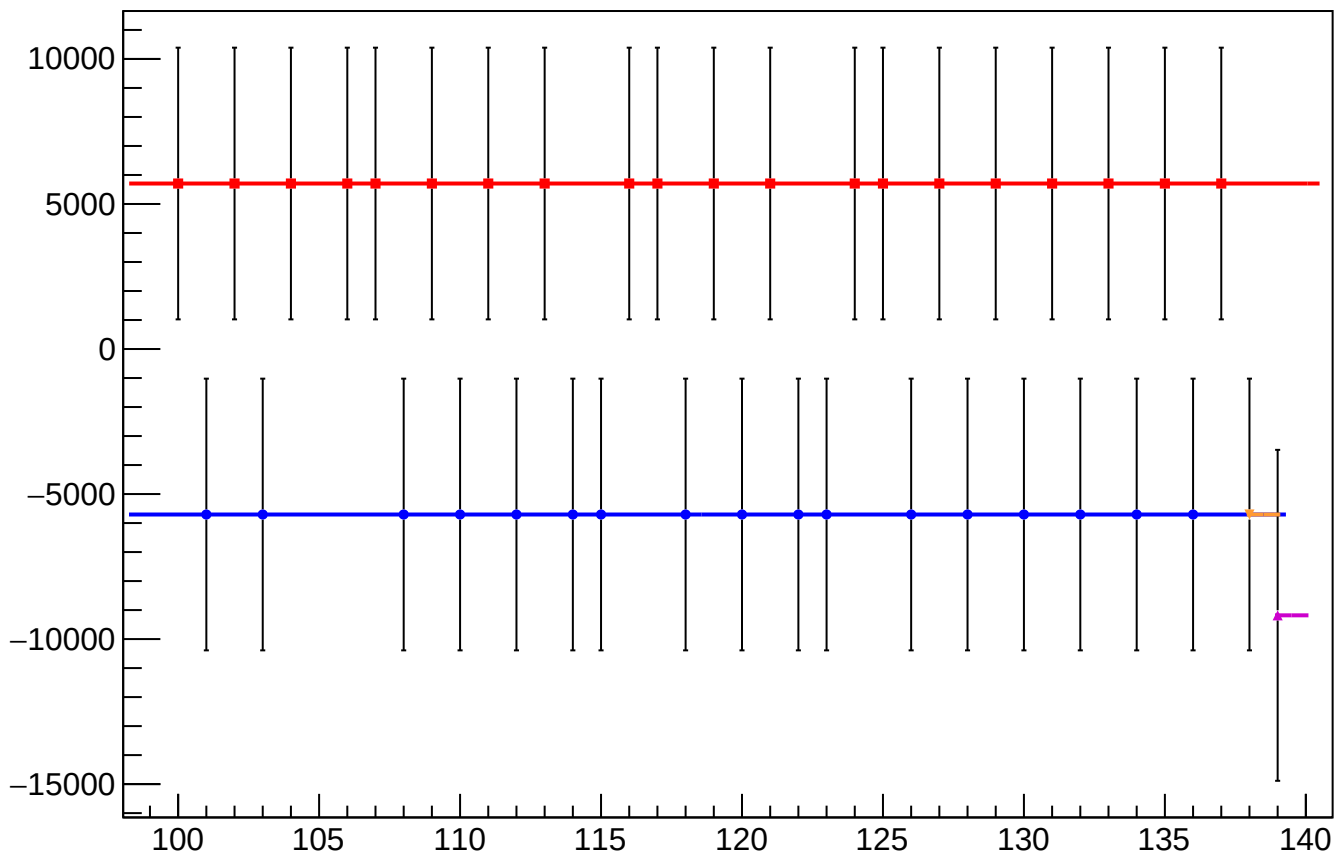
Left In: 1928.174+/-1.942 χ^2/NDF : 0.0/0

1721.070+/-0.460 χ^2/NDF : 799264.7/17

1692.341+/-0.318 χ^2/NDF : 1414816.2/38

1666.144+/-0.439 χ^2/NDF : 608093.3/20

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -5705.463 $\pm$ 1135.931 χ^2 /NDF: 0.0/16

Left Out: -5705.463 $\pm$ 4683.562 χ^2 /NDF: 0.0/0

Right Out: 5705.463 $\pm$ 1047.276 χ^2 /NDF: 0.0/19

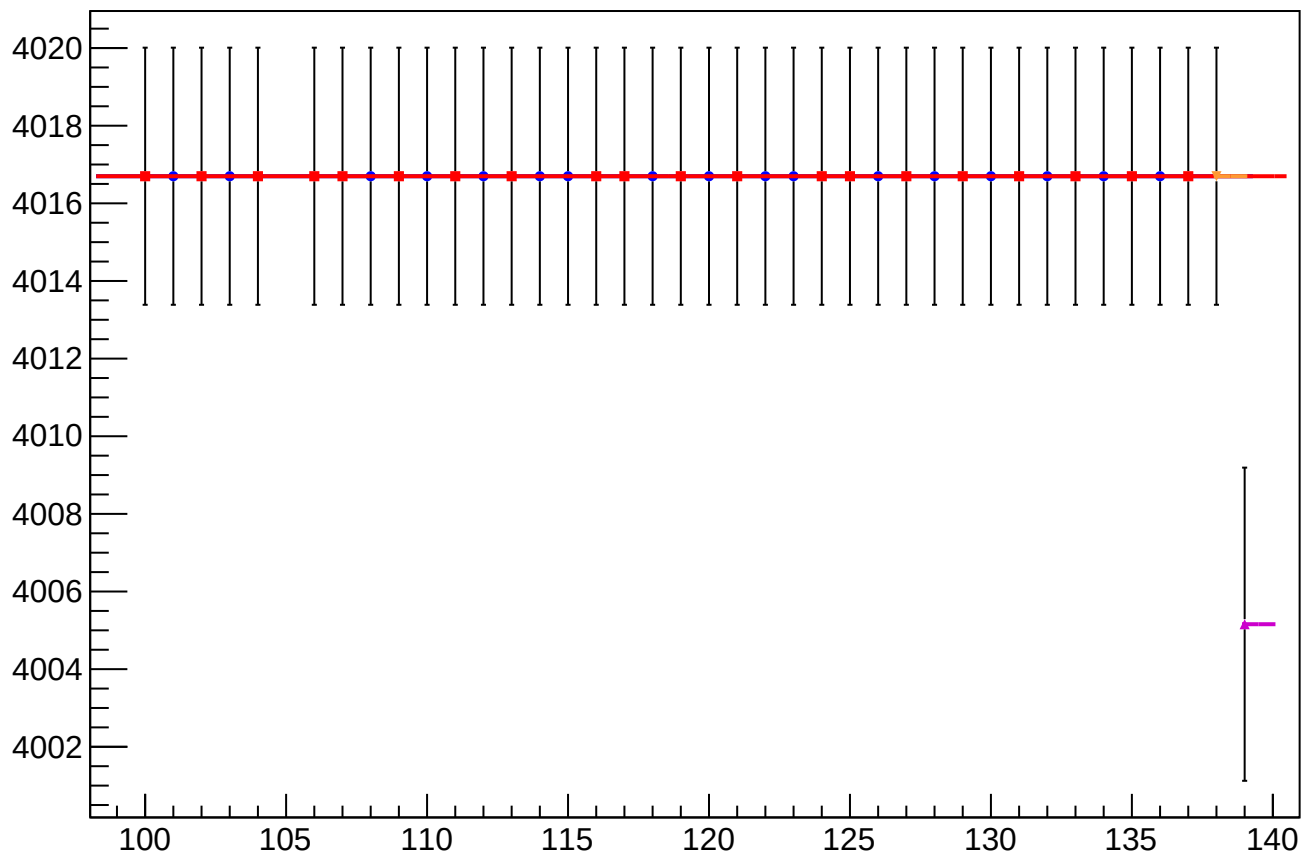
Left In: -9181.399 $\pm$ 5704.599 χ^2 /NDF: 0.0/0

-5705.463 $\pm$ 1103.926 χ^2 /NDF: 0.0/17

135.027 $\pm$ 753.124 χ^2 /NDF: 58.9/38

5220.085 $\pm$ 1030.062 χ^2 /NDF: 6.6/20

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4016.698 $\pm$ 0.803 χ^2 /NDF: 0.0/16

Left Out: 4016.698 $\pm$ 3.312 χ^2 /NDF:0.0/0

Right Out: 4016.698 $\pm$ 0.741 χ^2 /NDF: 0.0/19

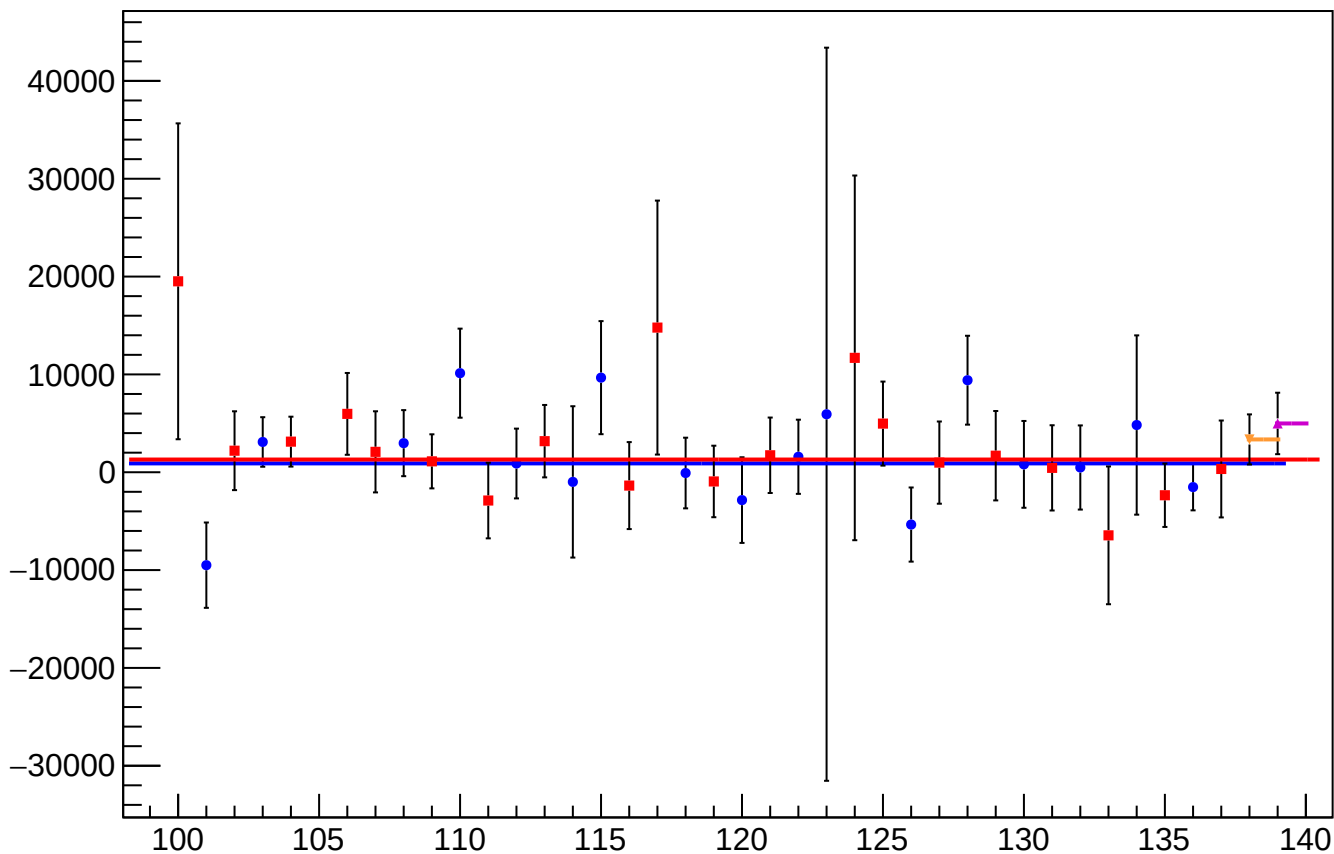
Left In: 4005.158 $\pm$ 4.034 χ^2 /NDF:0.0/0

4016.698 $\pm$ 0.781 χ^2 /NDF: 0.0/17

4016.497 $\pm$ 0.533 χ^2 /NDF: 8.0/38

4016.322 $\pm$ 0.728 χ^2 /NDF: 7.9/20

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 3353.893 $\pm$ 2559.722 χ^2 /NDF: 0.0/0

Right Out: 1299.511 $\pm$ 922.689 χ^2 /NDF: 10.0/19

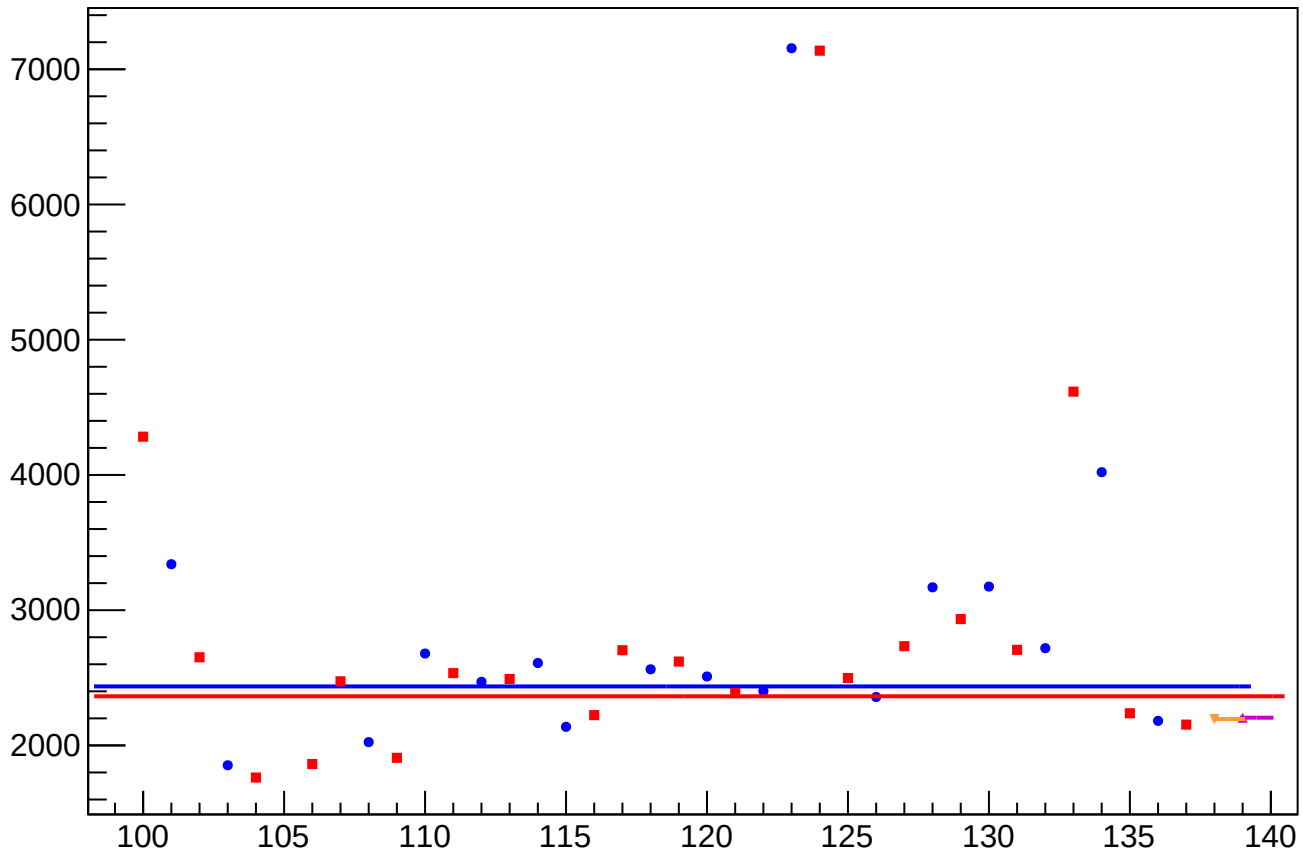
Left In: 4986.707 $\pm$ 3140.660 χ^2 /NDF: 0.0/0

1206.521 $\pm$ 900.437 χ^2 /NDF: 22.4/17

1402.774 $\pm$ 631.276 χ^2 /NDF: 33.8/38

1592.472 $\pm$ 885.275 χ^2 /NDF: 11.3/20

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: 2363.288 $\pm$ 0.652 χ^2 /NDF: 657229.5/19

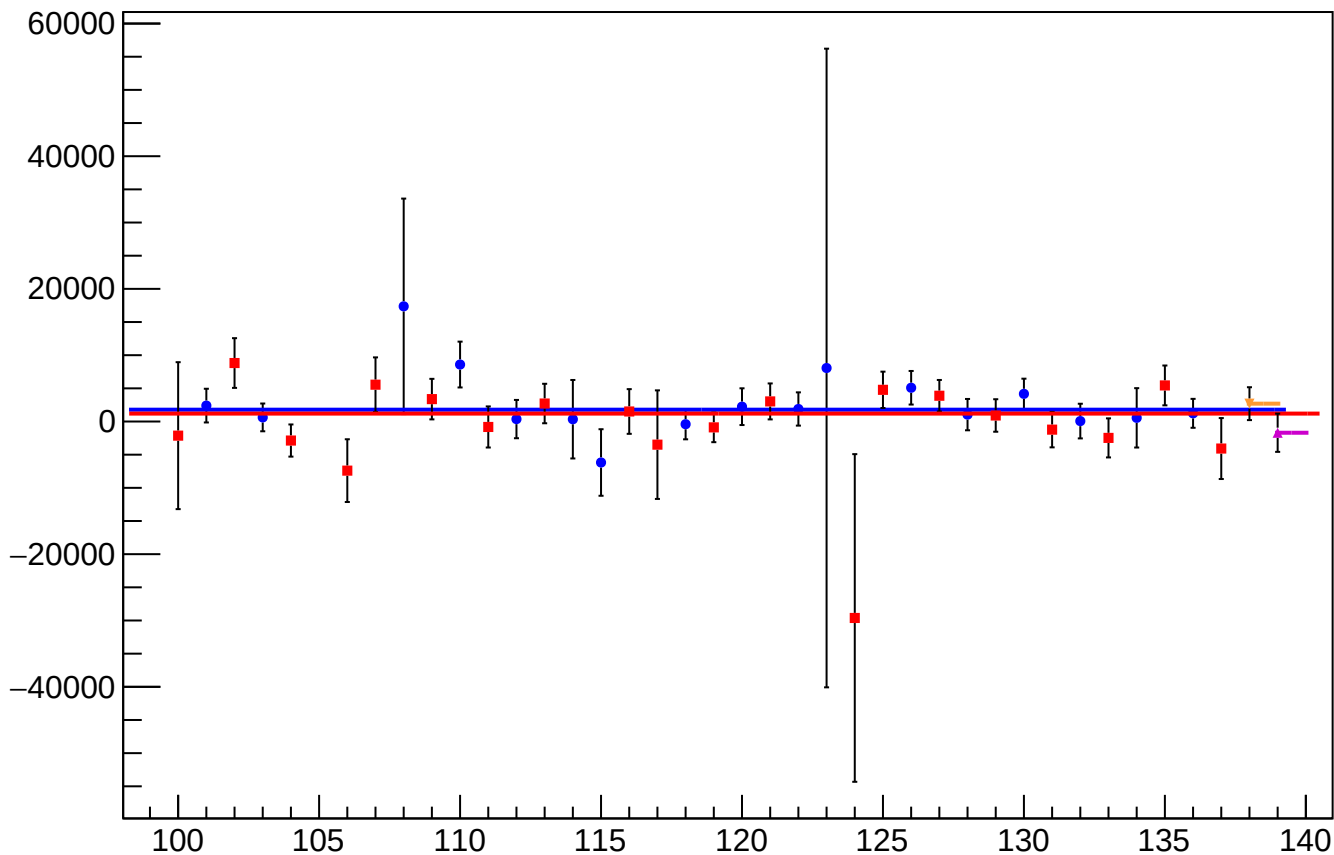
Left In: 2205.019 $\pm$ 2.221 χ^2 /NDF: 0.0/0

2406.378 $\pm$ 0.637 χ^2 /NDF: 484145.4/17

2378.073 $\pm$ 0.446 χ^2 /NDF: 1149937.0/38

2350.713 $\pm$ 0.626 χ^2 /NDF: 661905.0/20

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: 1194.245+/-705.509 χ^2/NDF : 24.6/19

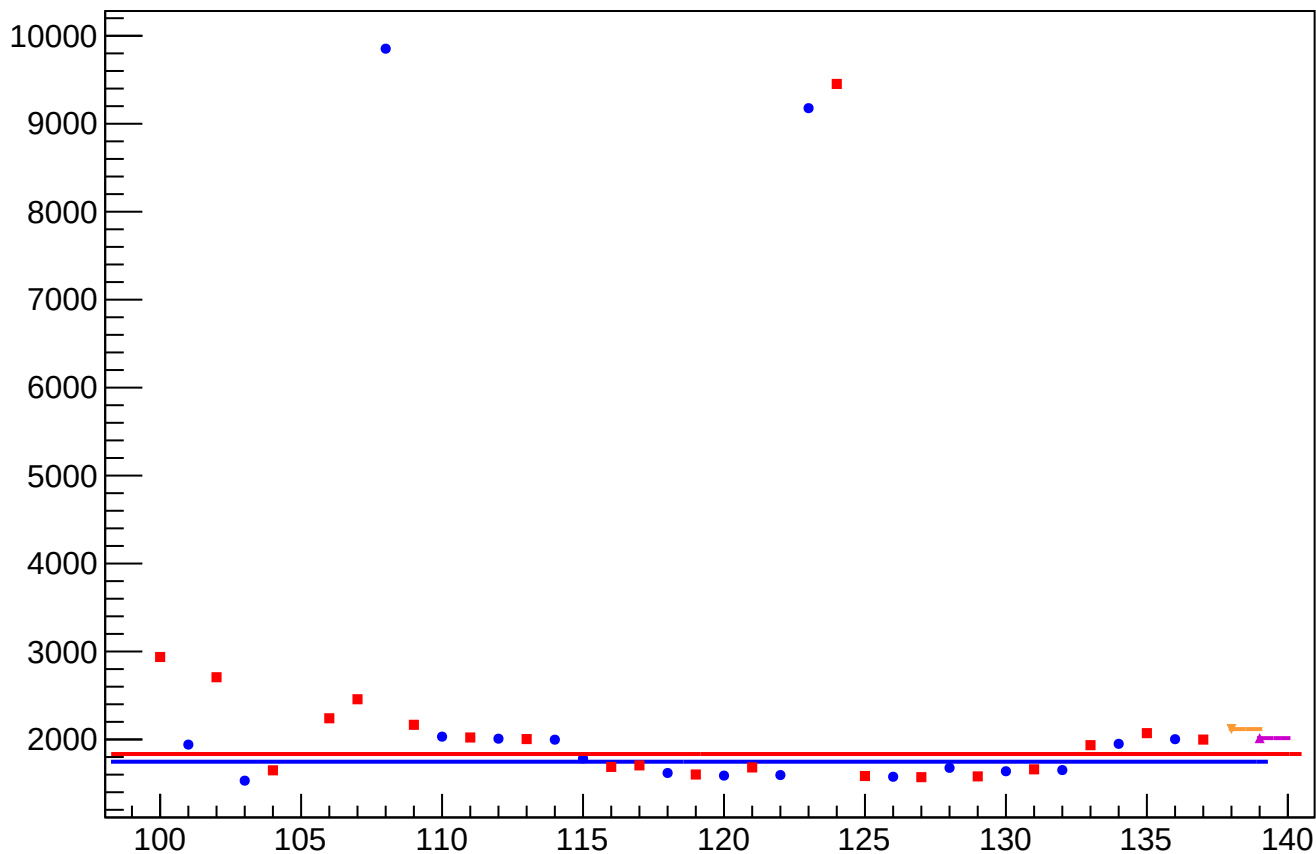
Left In: -1693.169+/-2882.422 χ^2/NDF : 0.0/0

1849.606+/-668.644 χ^2/NDF : 12.5/17

1450.380+/-478.576 χ^2/NDF : 38.8/38

1031.041+/-685.280 χ^2/NDF : 25.5/20

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: 1834.449+/-0.498 χ^2/NDF : 550903.9/19

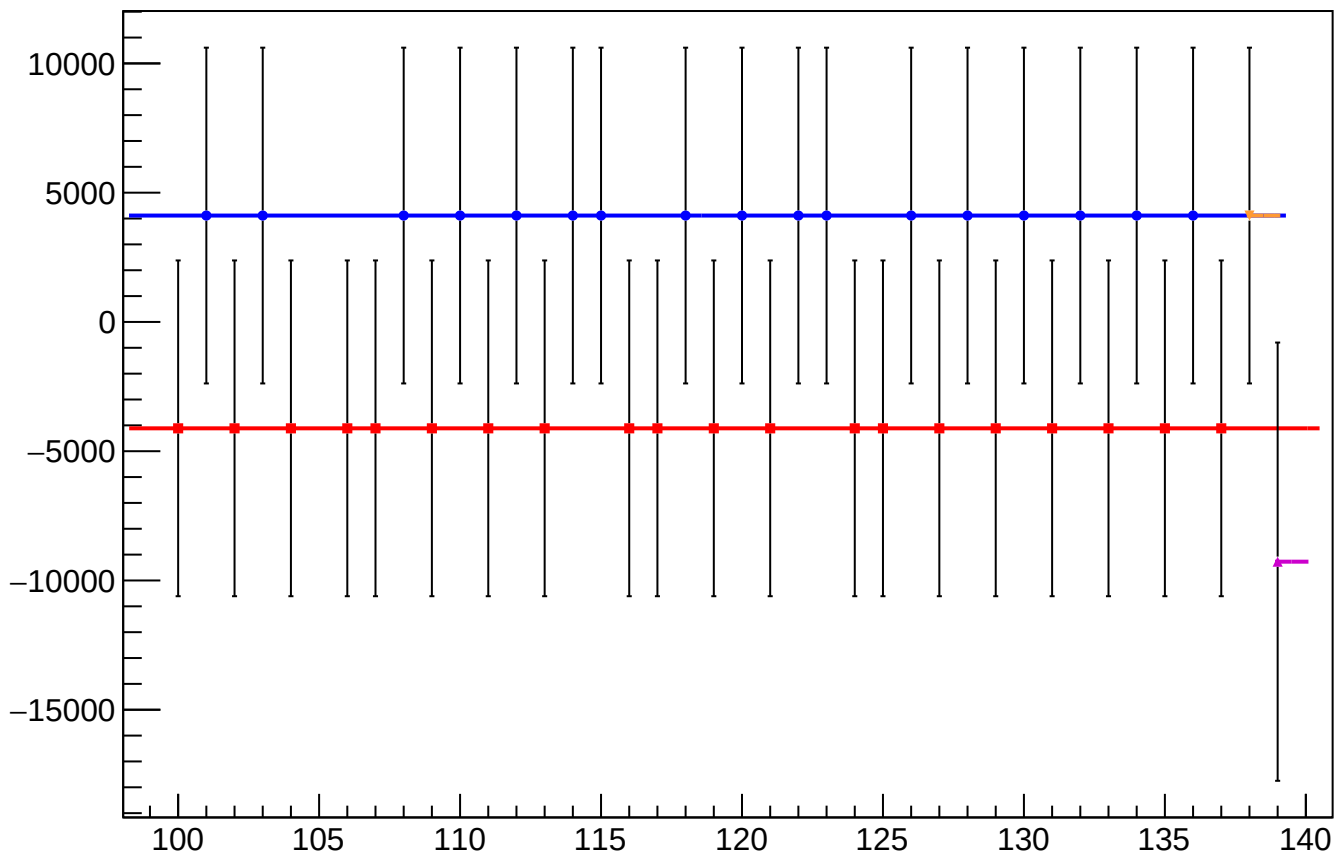
Left In: 2015.111+/-2.038 χ^2/NDF : 0.0/0

1773.856+/-0.473 χ^2/NDF : 724068.6/17

1808.417+/-0.338 χ^2/NDF : 1293329.7/38

1844.638+/-0.484 χ^2/NDF : 558317.7/20

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 4115.072 $\pm$ 1575.007 χ^2/NDF : 0.0/16

Left Out: 4115.072 $\pm$ 6493.920 χ^2/NDF : 0.0/0

Right Out: -4115.072 $\pm$ 1452.085 χ^2/NDF : 0.0/19

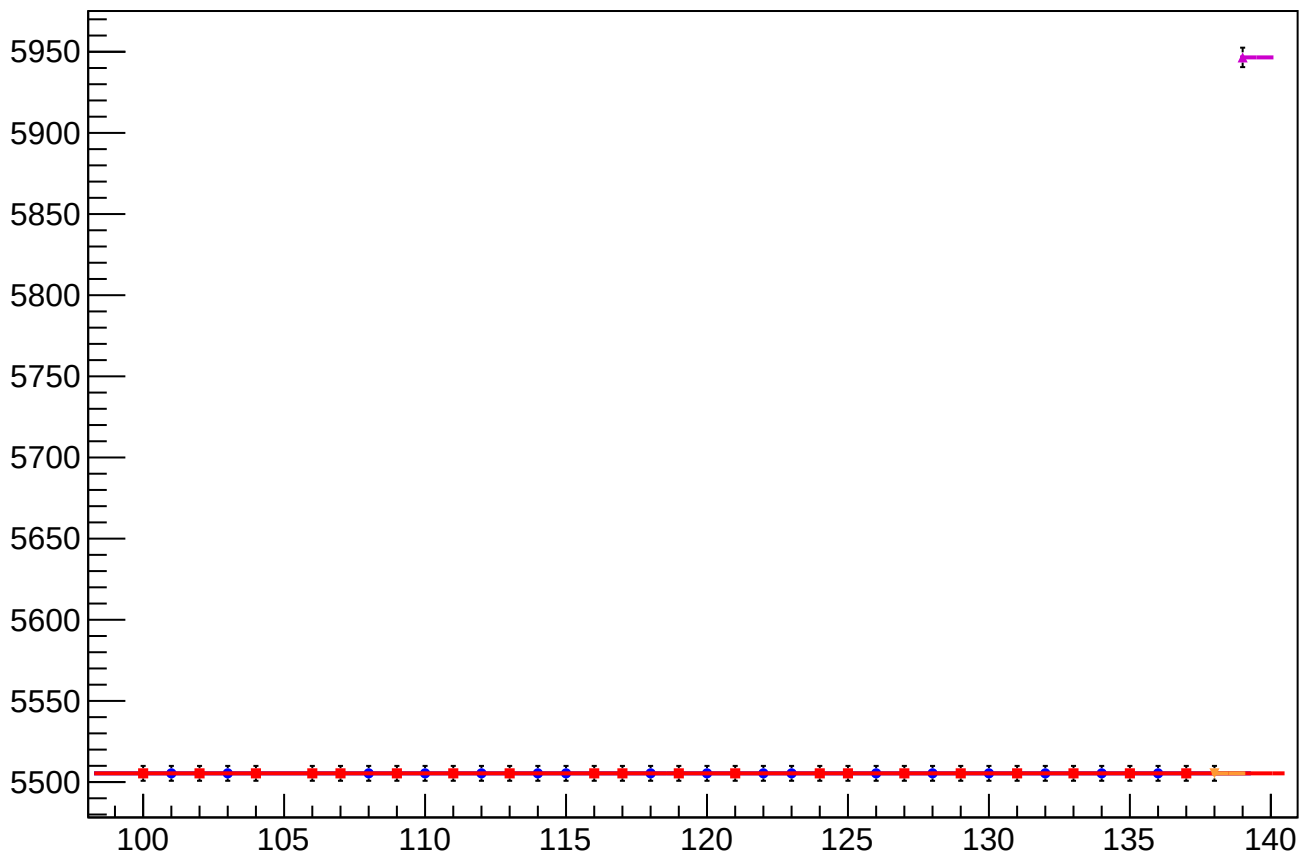
Left In: -9273.028 $\pm$ 8475.698 χ^2/NDF : 0.0/0

4115.072 $\pm$ 1530.632 χ^2/NDF : 0.0/17

-354.361 $\pm$ 1045.409 χ^2/NDF : 16.3/38

-4262.150 $\pm$ 1431.232 χ^2/NDF : 0.4/20

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 5505.372 $\pm$ 1.114 χ^2 /NDF: 0.0/16

Left Out: 5505.372 $\pm$ 4.592 χ^2 /NDF: 0.0/0

Right Out: 5505.372 $\pm$ 1.027 χ^2 /NDF: 0.0/19

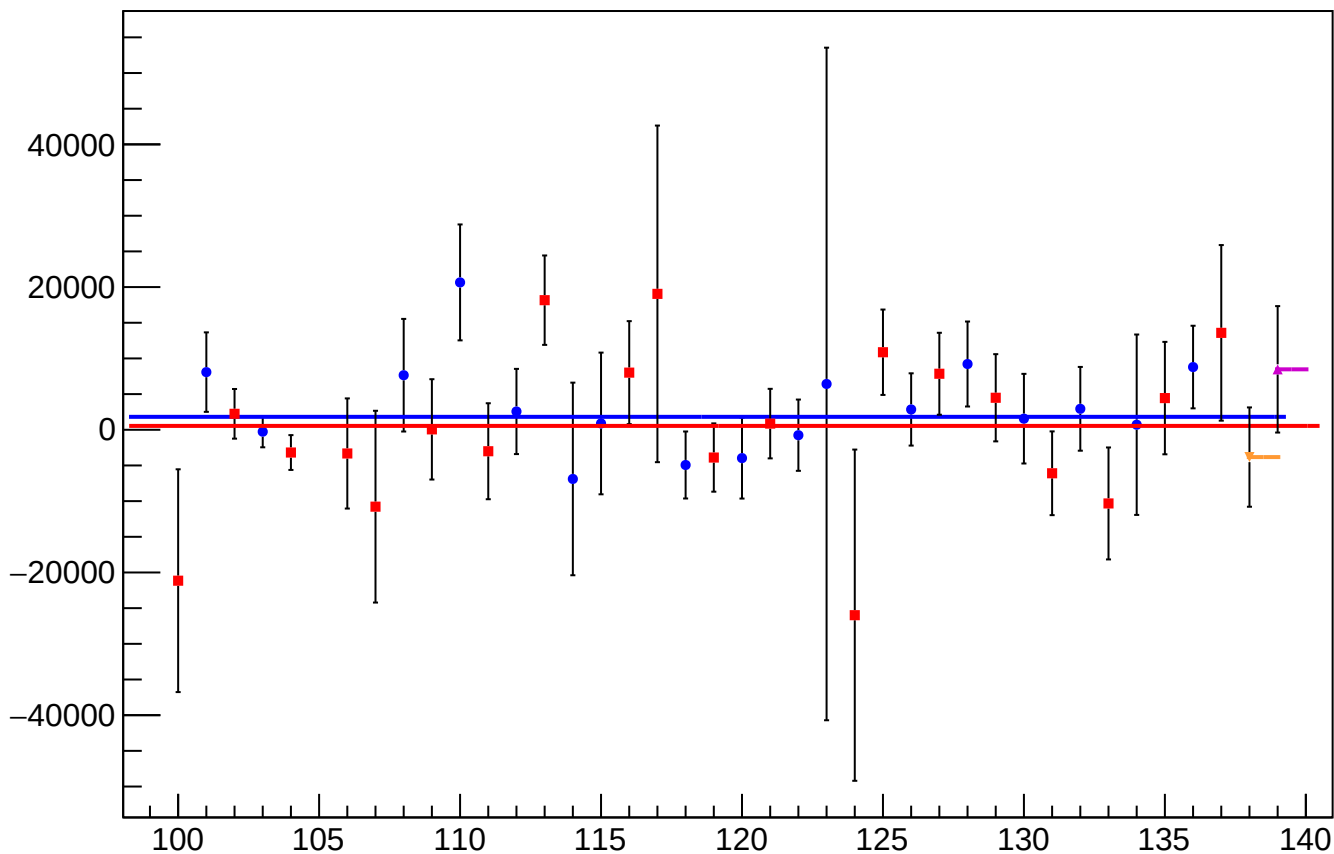
Left In: 5946.531 $\pm$ 5.993 χ^2 /NDF: 0.0/0

5505.372 $\pm$ 1.082 χ^2 /NDF: 0.0/17

5512.083 $\pm$ 0.739 χ^2 /NDF: 5335.9/38

5517.951 $\pm$ 1.012 χ^2 /NDF: 5263.9/20

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: 543.365+/-1284.166 χ^2/NDF : 27.1/19

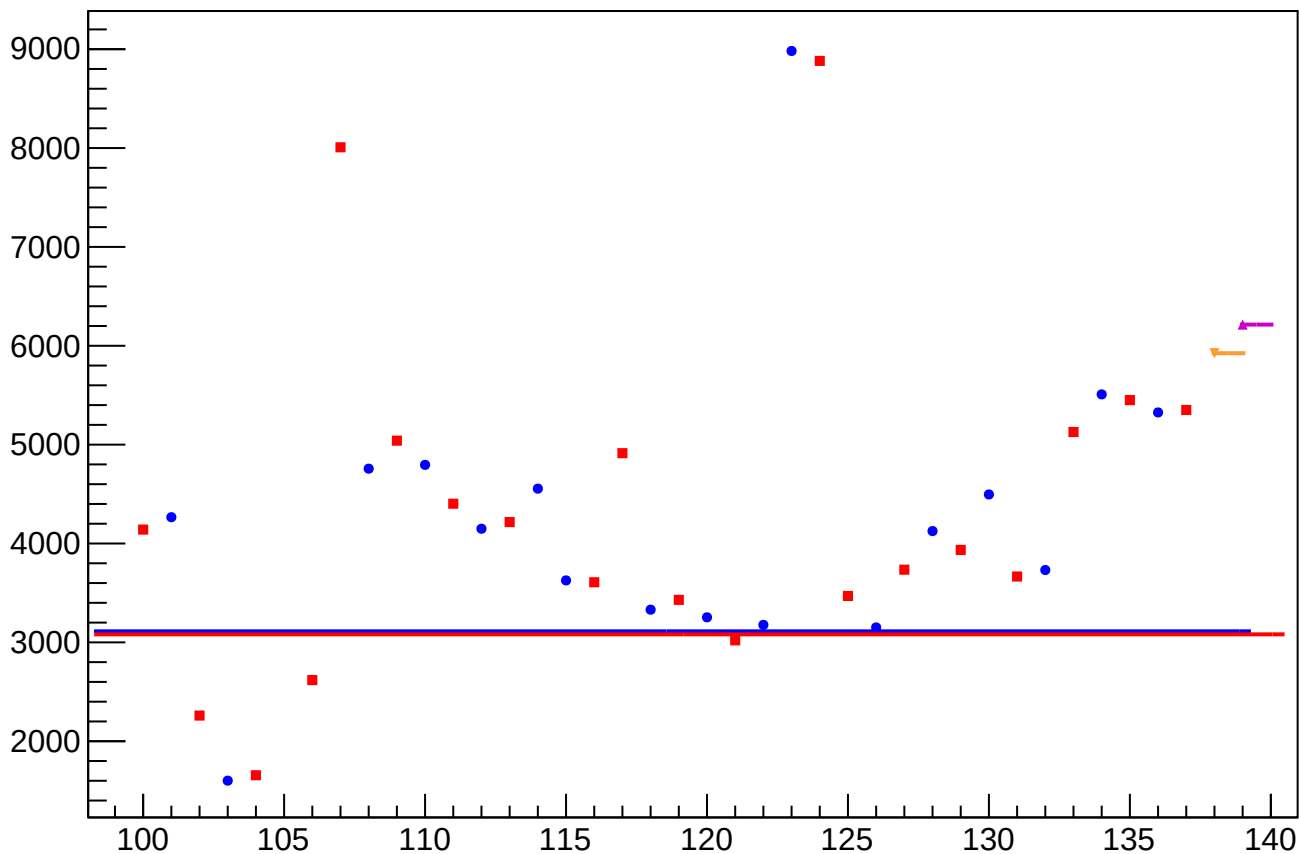
Left In: 8471.456+/-8859.935 χ^2/NDF : 0.0/0

1623.756+/-1279.148 χ^2/NDF : 15.6/17

1162.151+/-901.559 χ^2/NDF : 43.8/38

706.490+/-1270.886 χ^2/NDF : 27.9/20

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: 3081.091+/-0.895 χ^2/NDF : 2021662.5/19

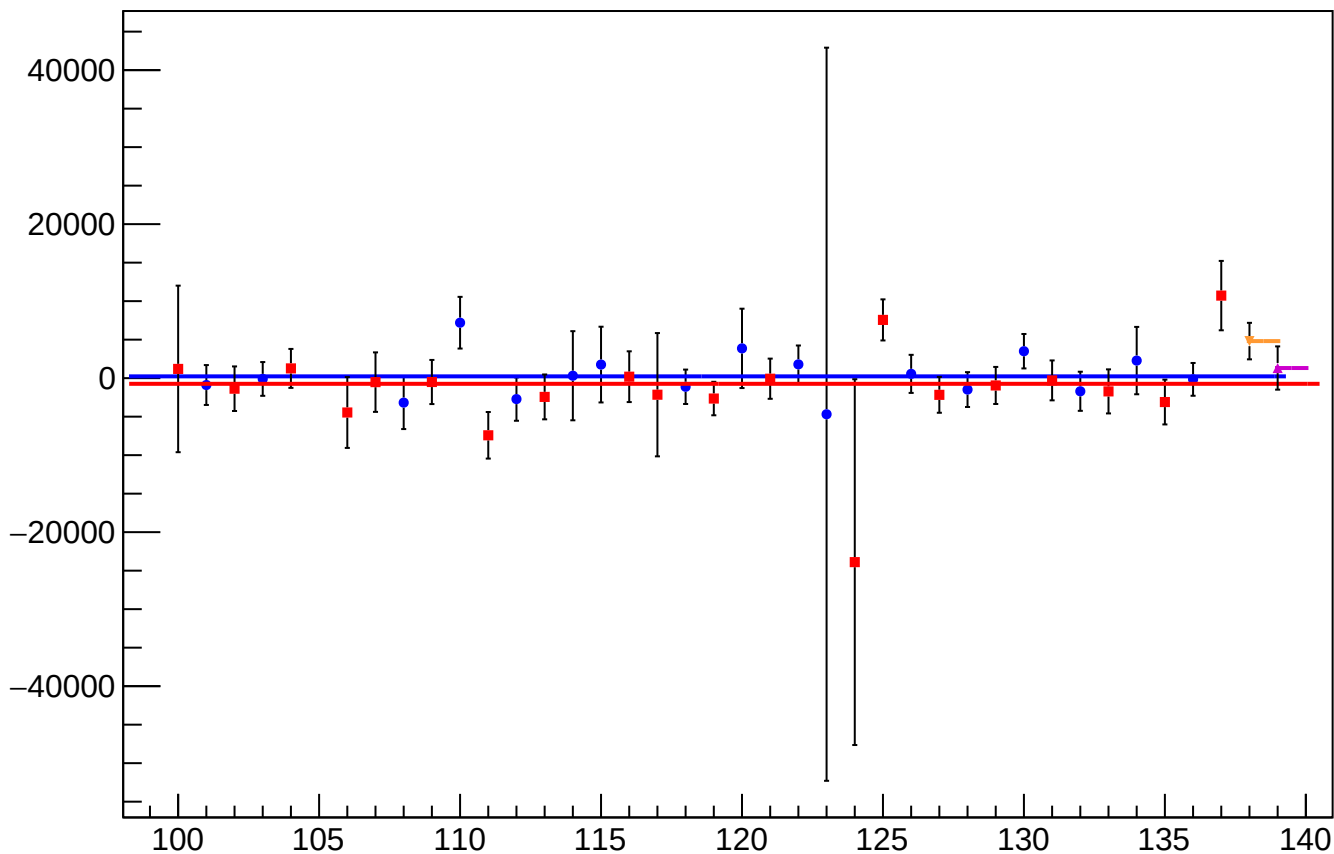
Left In: 6214.331+/-6.265 χ^2/NDF : 0.0/0

3206.571+/-0.904 χ^2/NDF : 2194673.0/17

3174.509+/-0.633 χ^2/NDF : 4463920.2/38

3143.749+/-0.886 χ^2/NDF : 2266785.1/20

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: -736.496+/-681.690 χ^2/NDF : 25.8/19

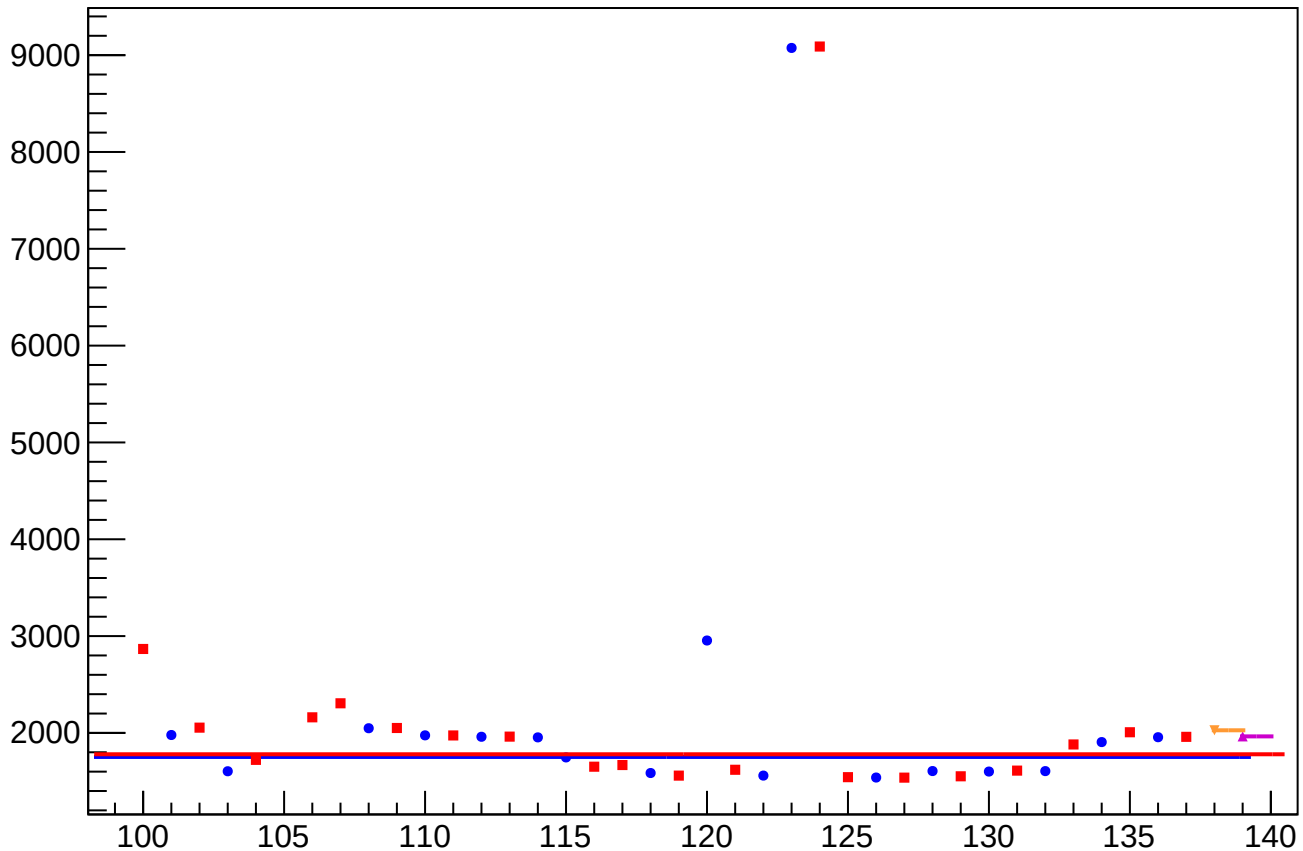
Left In: 1314.901+/-2809.145 χ^2/NDF : 0.0/0

586.902+/-659.665 χ^2/NDF : 15.0/17

-15.195+/-467.440 χ^2/NDF : 43.0/38

-622.412+/-662.463 χ^2/NDF : 26.3/20

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: 1779.399+/-0.481 χ^2/NDF : 428716.4/19

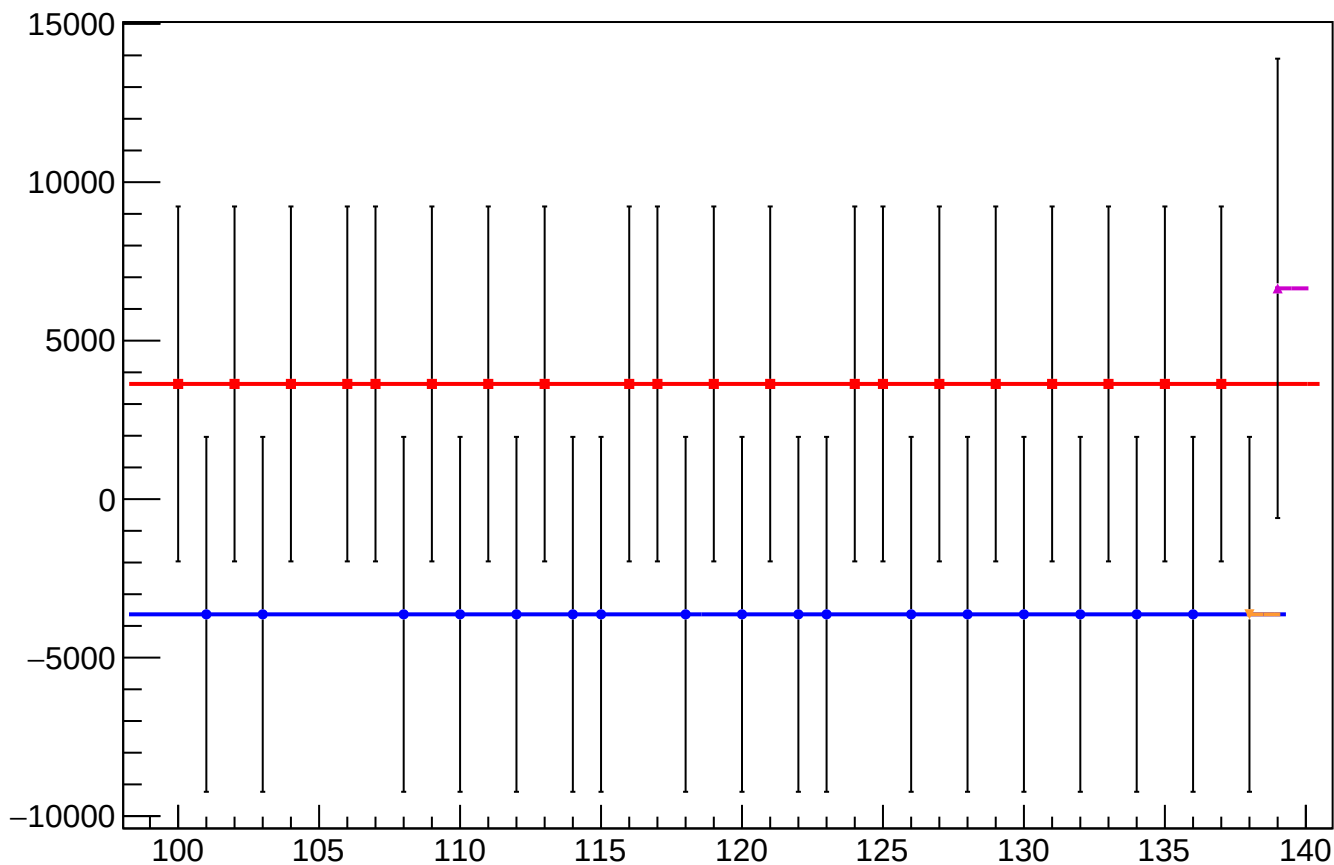
Left In: 1964.114+/-1.986 χ^2/NDF : 0.0/0

1773.160+/-0.466 χ^2/NDF : 325768.8/17

1781.378+/-0.330 χ^2/NDF : 763275.6/38

1789.641+/-0.468 χ^2/NDF : 436884.3/20

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: -3634.610 $\pm$ 1357.935 χ^2 /NDF: 0.0/16

Left Out: -3634.610 $\pm$ 5598.910 χ^2 /NDF: 0.0/0

Right Out: 3634.610 $\pm$ 1251.954 χ^2 /NDF: 0.0/19

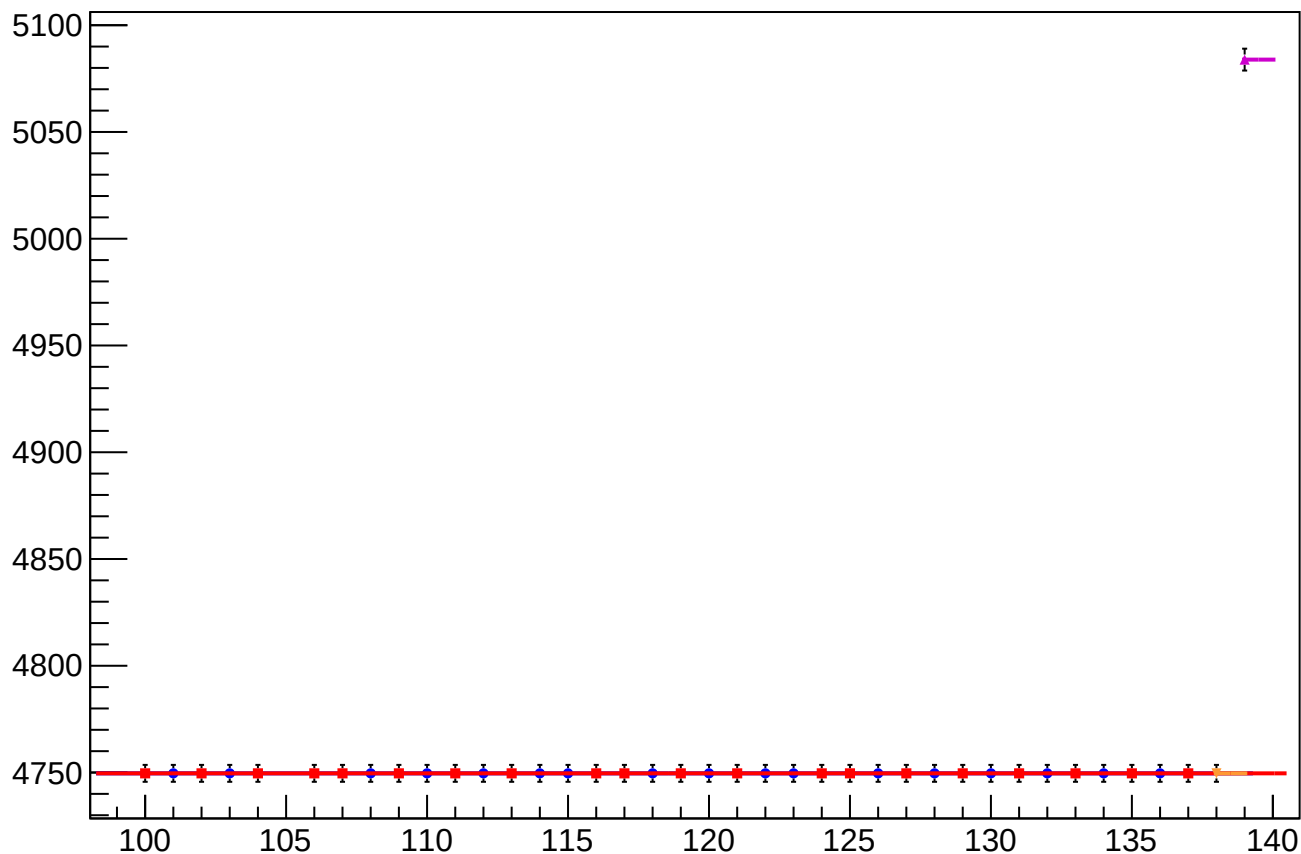
Left In: 6649.805 $\pm$ 7246.689 χ^2 /NDF: 0.0/0

-3634.610 $\pm$ 1319.676 χ^2 /NDF: 0.0/17

291.182 $\pm$ 901.212 χ^2 /NDF: 16.8/38

3721.995 $\pm$ 1233.679 χ^2 /NDF: 0.2/20

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4749.613+/-0.960 χ^2/NDF : 0.0/16

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

Right Out: 4749.613+/-0.885 χ^2/NDF : 0.0/19

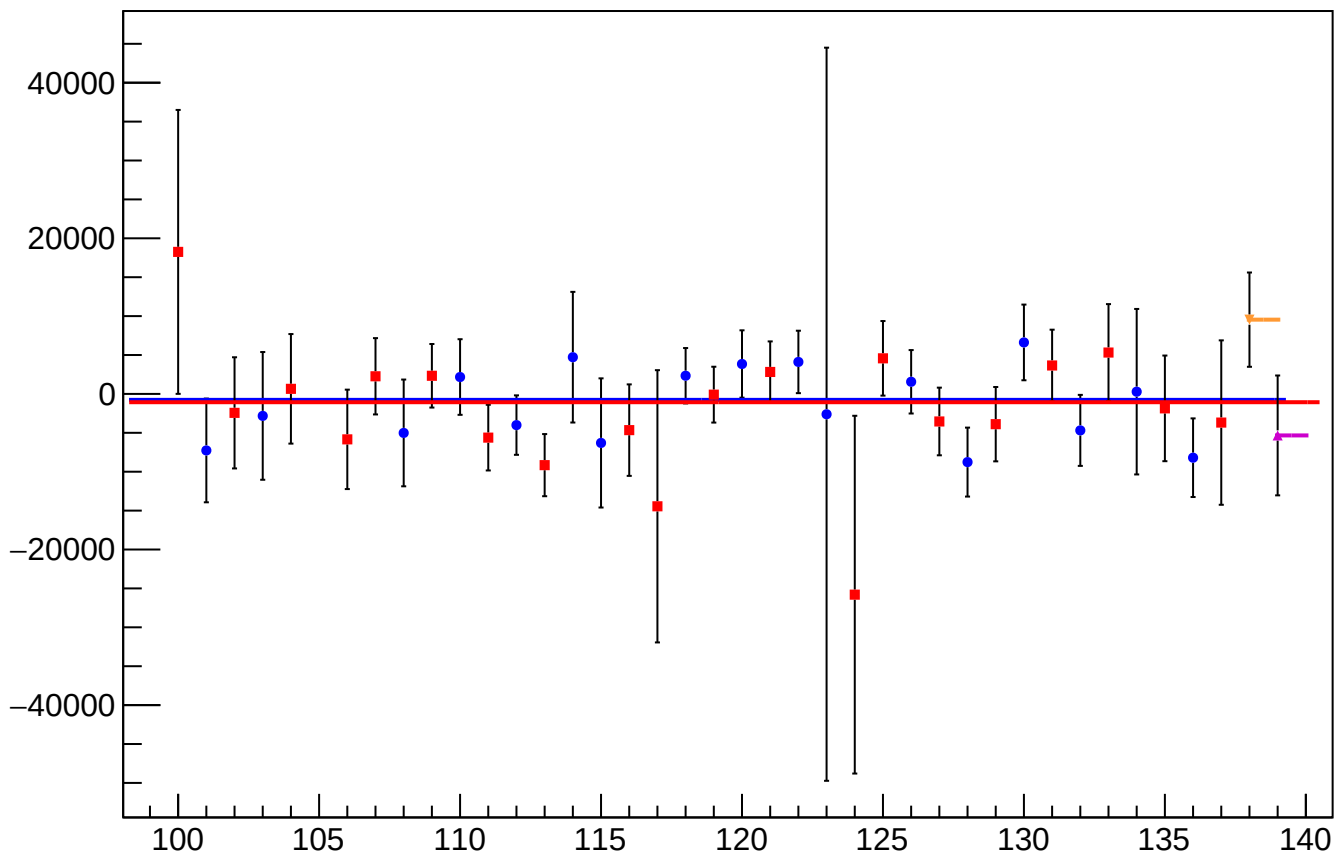
Left In: 5083.888+/-5.124 χ^2/NDF : 0.0/0

4749.613+/-0.933 χ^2/NDF : 0.0/17

4754.782+/-0.637 χ^2/NDF : 4189.8/38

4759.301+/-0.872 χ^2/NDF : 4132.2/20

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -1066.792+/-1188.366 χ^2/NDF : 15.6/19

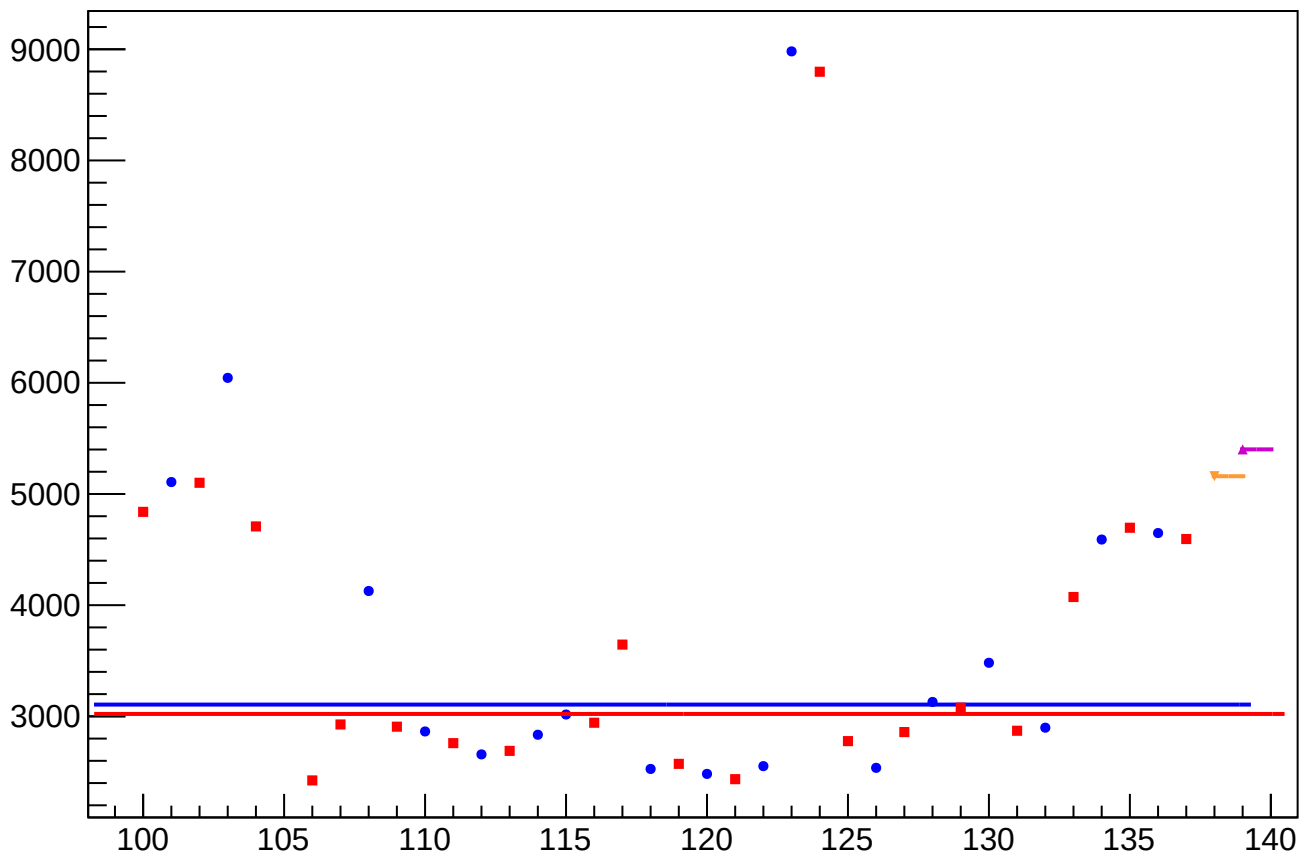
Left In: -5336.371+/-7703.217 χ^2/NDF : 0.0/0

-345.818+/-1222.069 χ^2/NDF : 18.3/17

-772.213+/-846.804 χ^2/NDF : 34.4/38

-1166.041+/-1174.472 χ^2/NDF : 15.9/20

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: 3021.600+/-0.830 χ^2/NDF : 796828.0/19

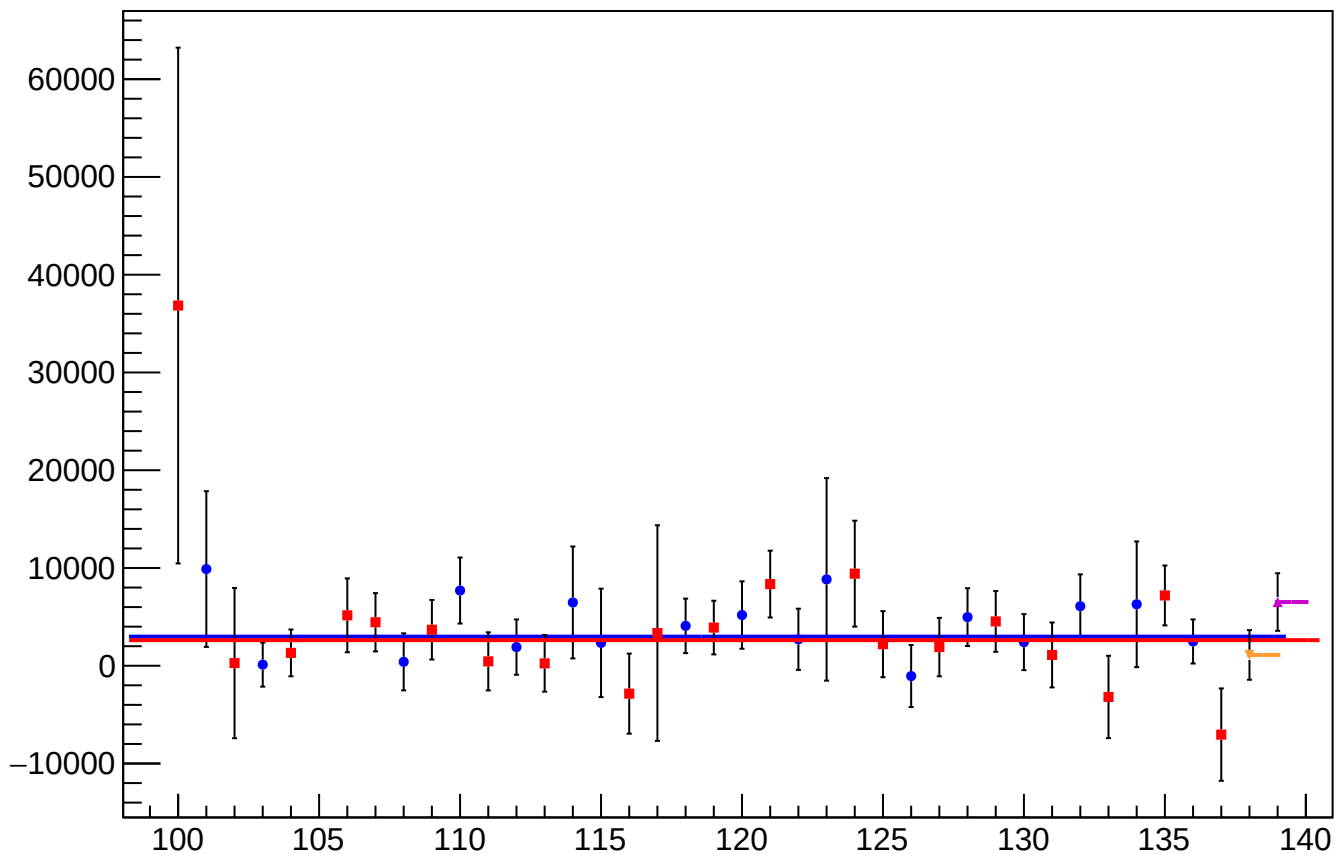
Left In: 5401.256+/-5.447 χ^2/NDF : 0.0/0

3189.385+/-0.864 χ^2/NDF : 1180264.8/17

3129.534+/-0.595 χ^2/NDF : 2172744.1/38

3075.584+/-0.820 χ^2/NDF : 983357.9/20

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 2617.544+/-781.260 χ^2/NDF : 19.6/19

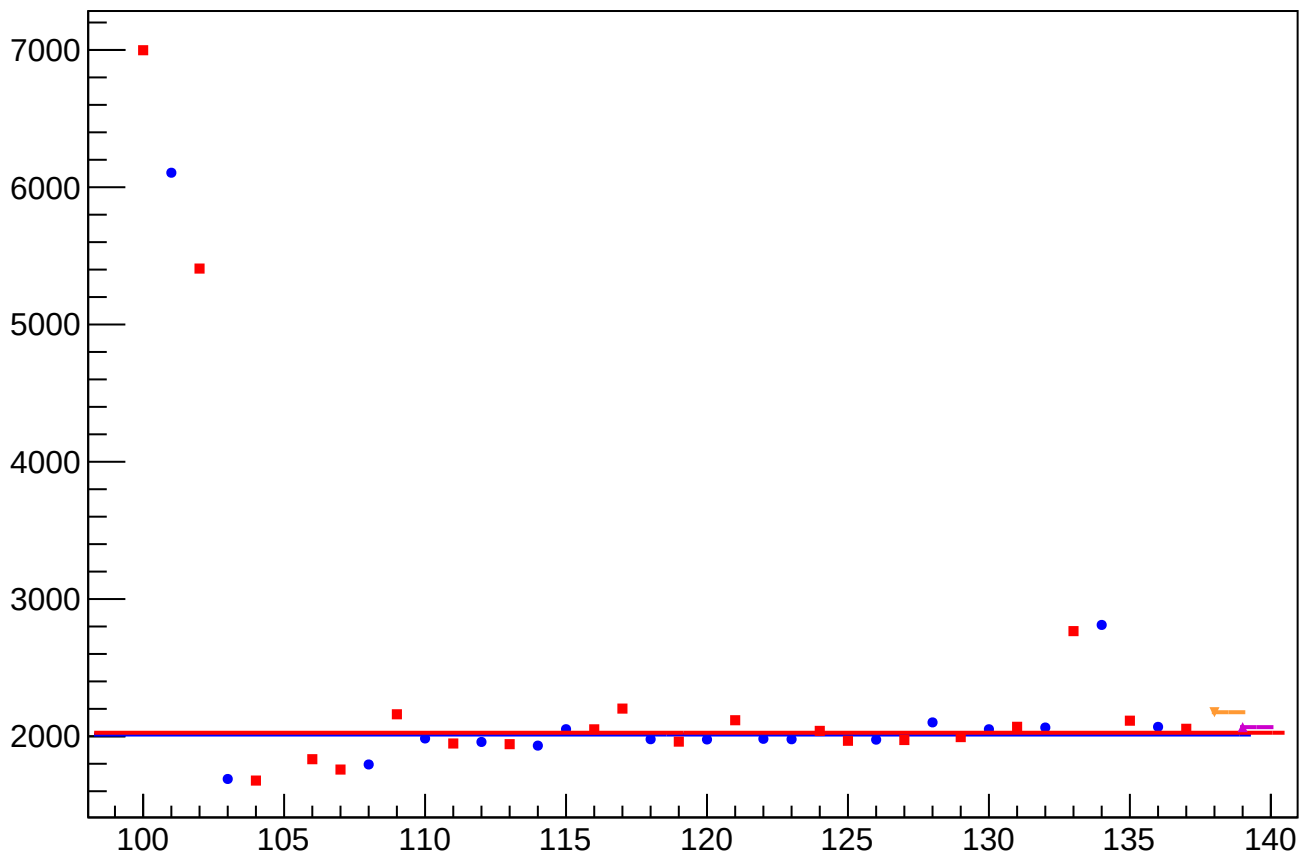
Left In: 6519.138+/-2945.016 χ^2/NDF : 0.0/0

2811.149+/-759.025 χ^2/NDF : 10.4/17

2842.768+/-535.333 χ^2/NDF : 31.6/38

2874.065+/-755.140 χ^2/NDF : 21.2/20

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: 2025.957+/-0.552 χ^2/NDF : 597934.3/19

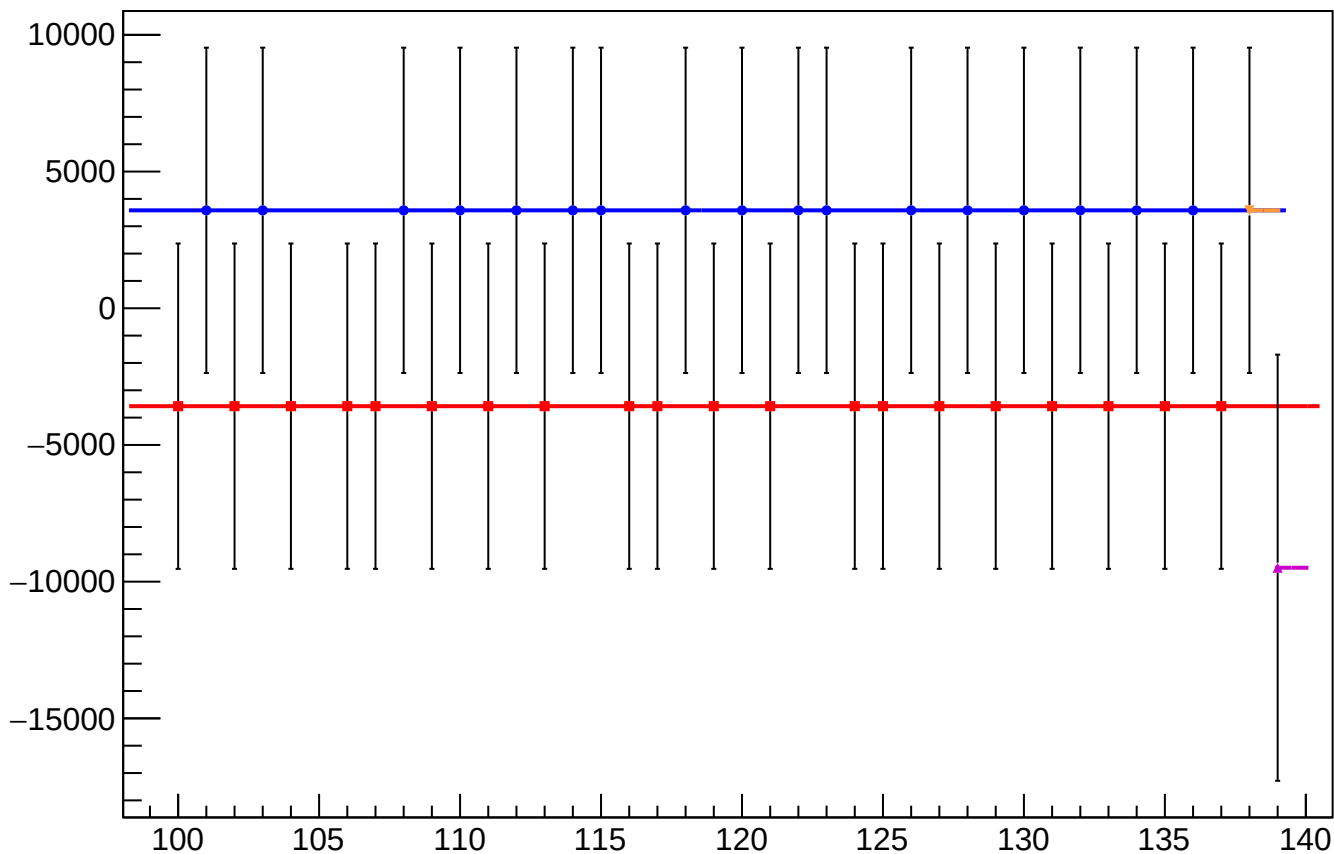
Left In: 2066.881+/-2.082 χ^2/NDF : 0.0/0

2027.473+/-0.537 χ^2/NDF : 625173.1/17

2028.062+/-0.378 χ^2/NDF : 1223470.6/38

2028.646+/-0.534 χ^2/NDF : 598295.1/20

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 3581.541 $\pm$ 1443.107 χ^2 /NDF: 0.0/16

Left Out: 3581.541 $\pm$ 5950.085 χ^2 /NDF:0.0/0

Right Out: -3581.541 $\pm$ 1330.479 χ^2 /NDF: 0.0/19

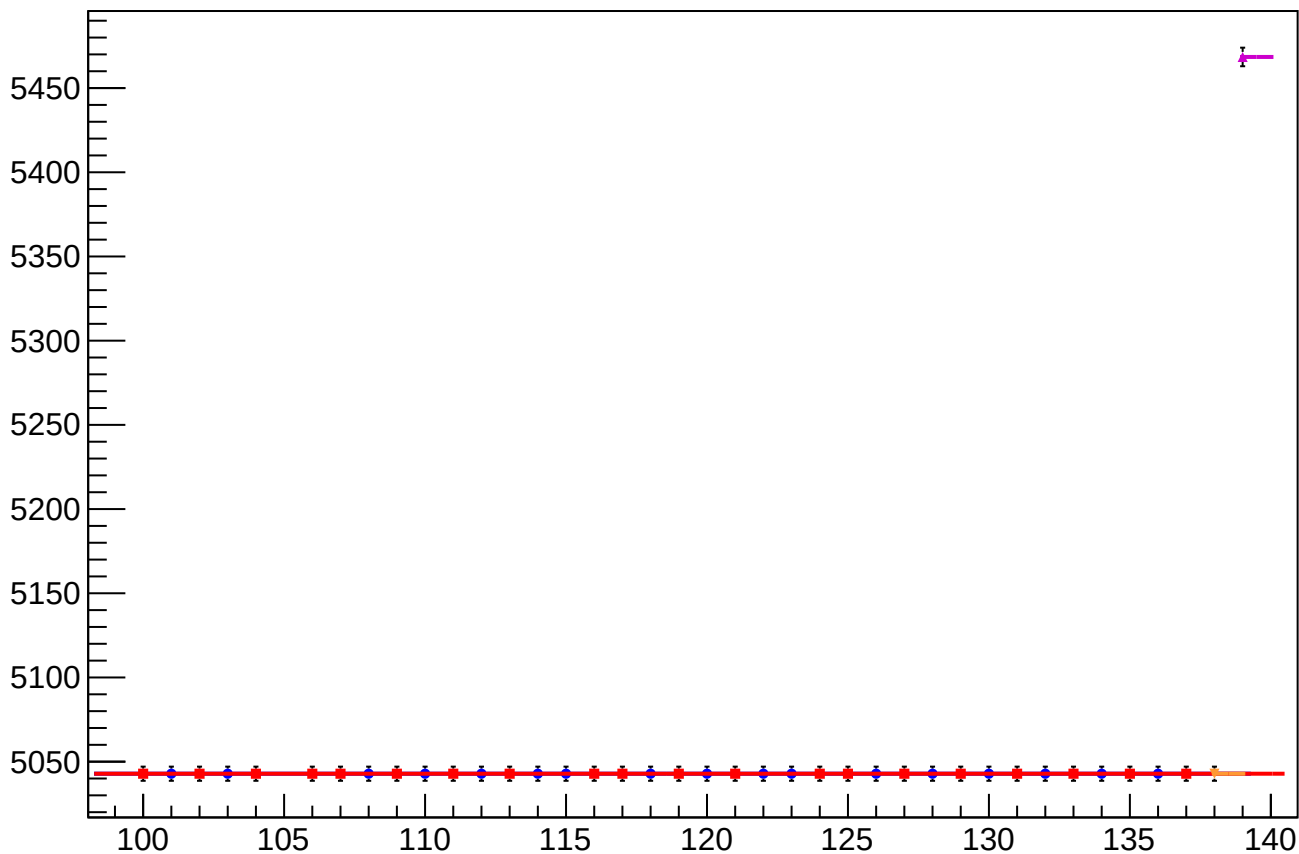
Left In: -9490.130 $\pm$ 7793.883 χ^2 /NDF:0.0/0

3581.541 $\pm$ 1402.448 χ^2 /NDF: 0.0/17

-329.011 $\pm$ 957.913 χ^2 /NDF: 15.1/38

-3748.849 $\pm$ 1311.507 χ^2 /NDF: 0.6/20

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 5042.846 $\pm$ 1.020 χ^2/NDF : 0.0/16

Left Out: 5042.846 $\pm$ 4.207 χ^2/NDF : 0.0/0

Right Out: 5042.846 $\pm$ 0.941 χ^2/NDF : 0.0/19

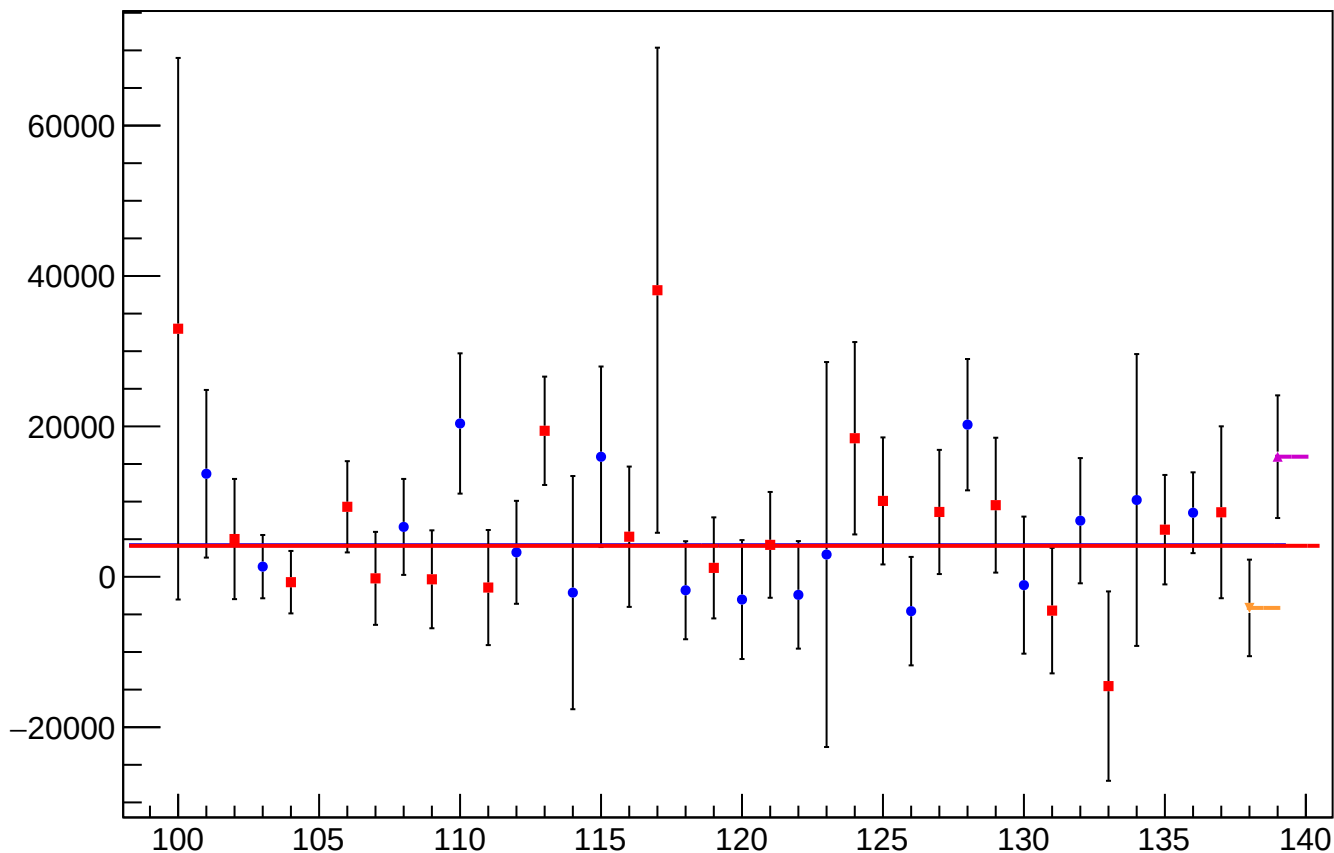
Left In: 5468.484 $\pm$ 5.511 χ^2/NDF : 0.0/0

5042.846 $\pm$ 0.992 χ^2/NDF : 0.0/17

5049.276 $\pm$ 0.677 χ^2/NDF : 5874.8/38

5054.899 $\pm$ 0.927 χ^2/NDF : 5796.0/20

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: 4120.914+/-1722.725 χ^2/NDF : 16.0/19

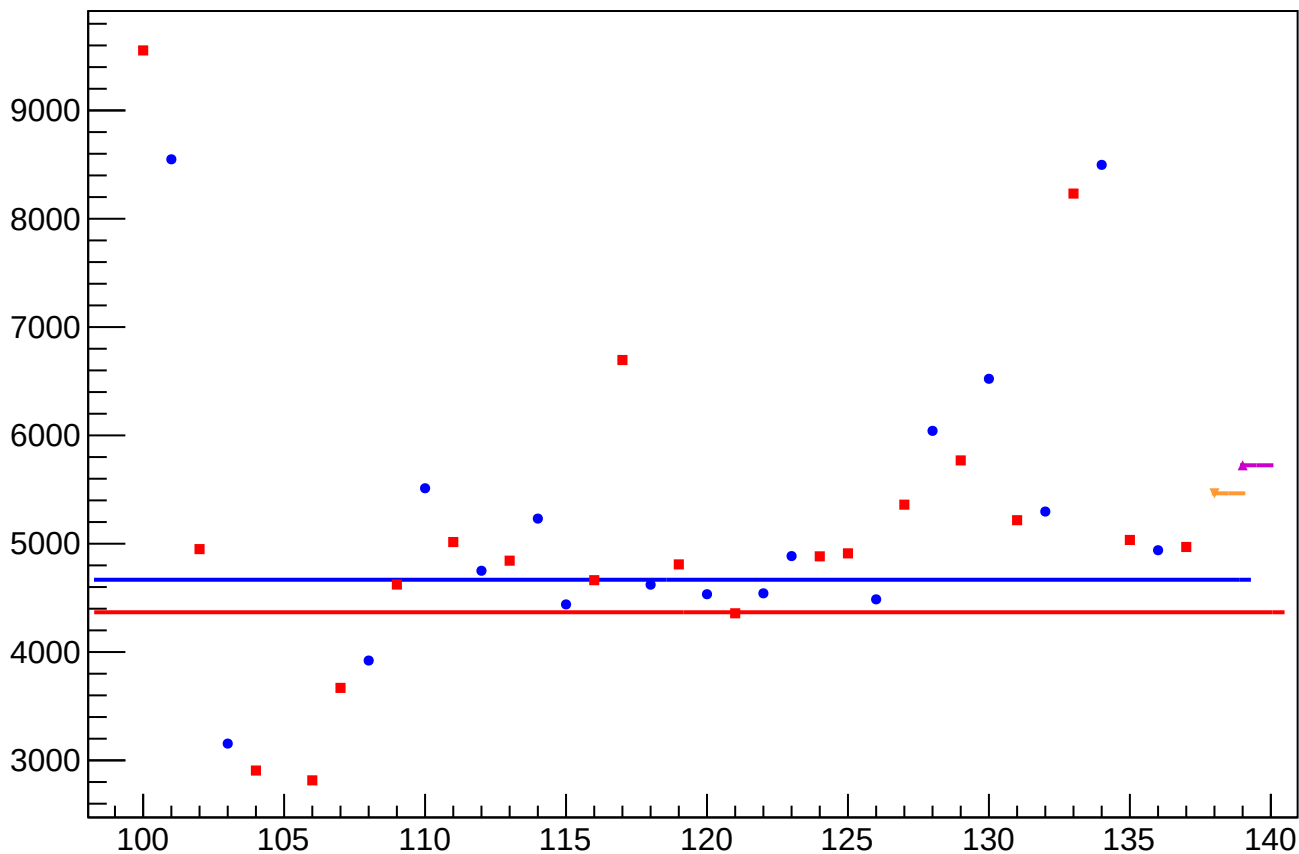
Left In: 15971.528+/-8157.021 χ^2/NDF : 0.0/0

3554.390+/-1784.550 χ^2/NDF : 15.7/17

4121.232+/-1225.366 χ^2/NDF : 33.8/38

4626.923+/-1685.544 χ^2/NDF : 18.0/20

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: 4367.168+/-1.211 χ^2/NDF : 843201.8/19

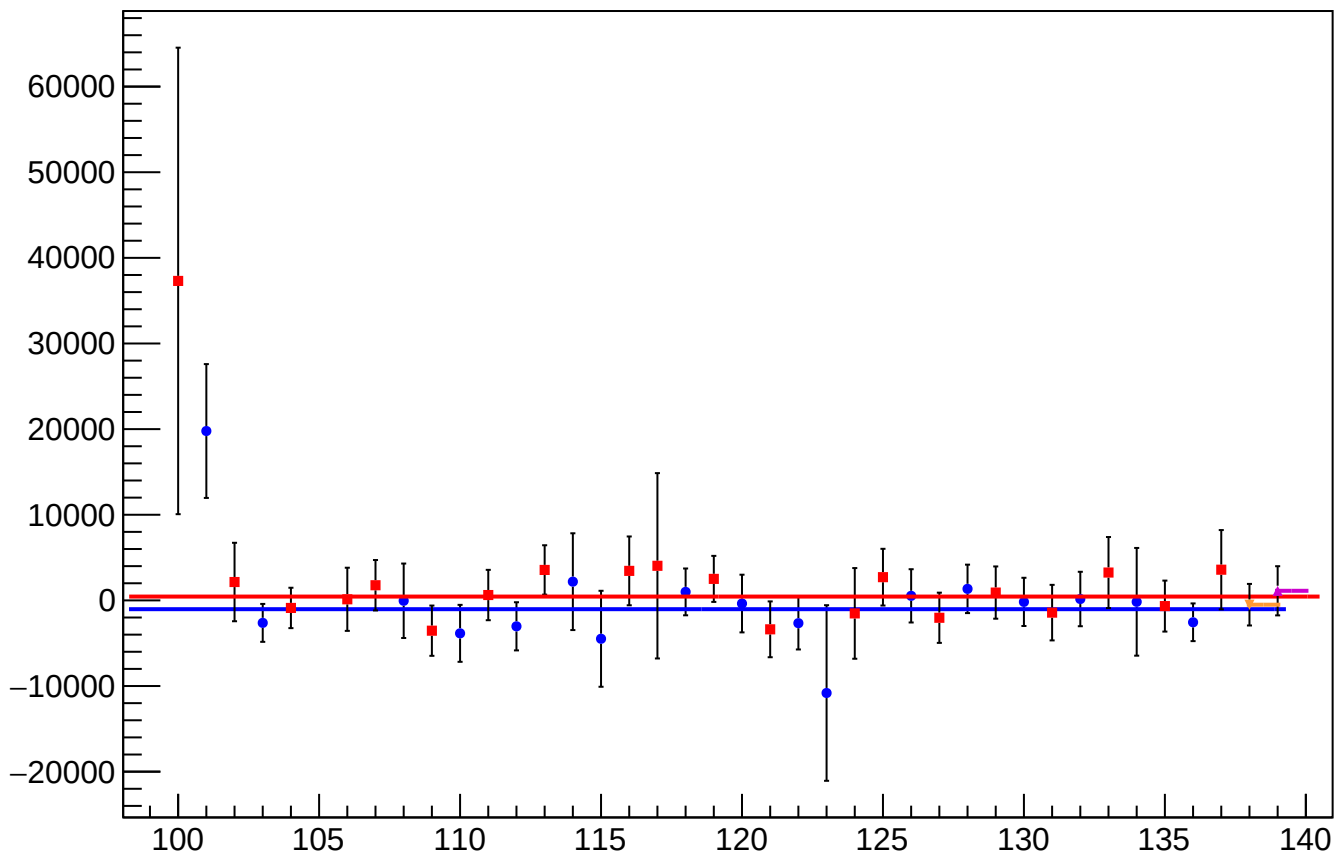
Left In: 5724.204+/-5.768 χ^2/NDF : 0.0/0

4729.134+/-1.262 χ^2/NDF : 806360.7/17

4567.280+/-0.864 χ^2/NDF : 1733546.7/38

4424.475+/-1.185 χ^2/NDF : 896218.2/20

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: -503.117 $\pm$ 2427.395 χ^2 /NDF: 0.0/0

Right Out: 446.244 $\pm$ 758.944 χ^2 /NDF: 10.9/19

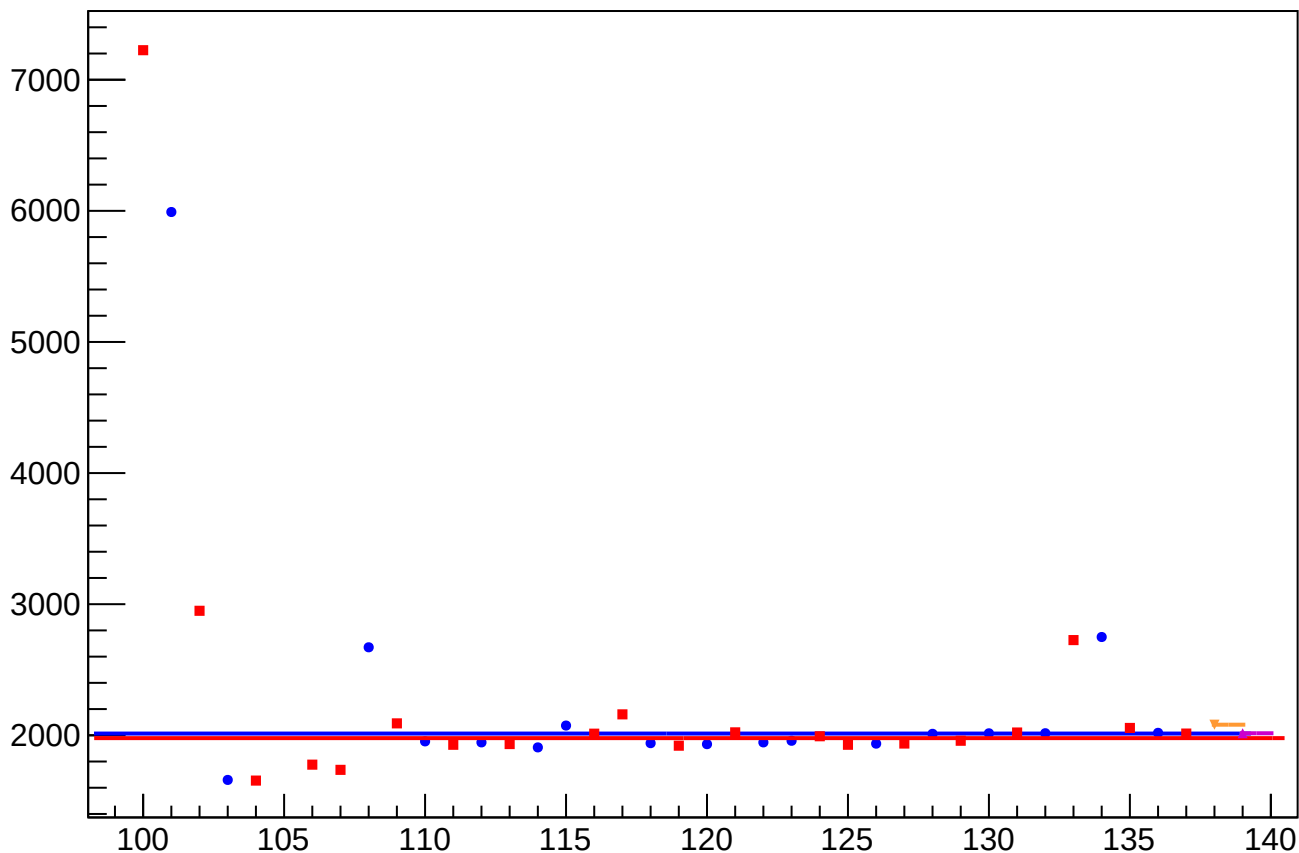
Left In: 1119.886 $\pm$ 2871.445 χ^2 /NDF: 0.0/0

-976.112 $\pm$ 756.882 χ^2 /NDF: 13.1/17

-220.188 $\pm$ 526.827 χ^2 /NDF: 26.0/38

490.231 $\pm$ 733.747 χ^2 /NDF: 10.9/20

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: 1978.439+/-0.536 χ^2/NDF : 295463.2/19

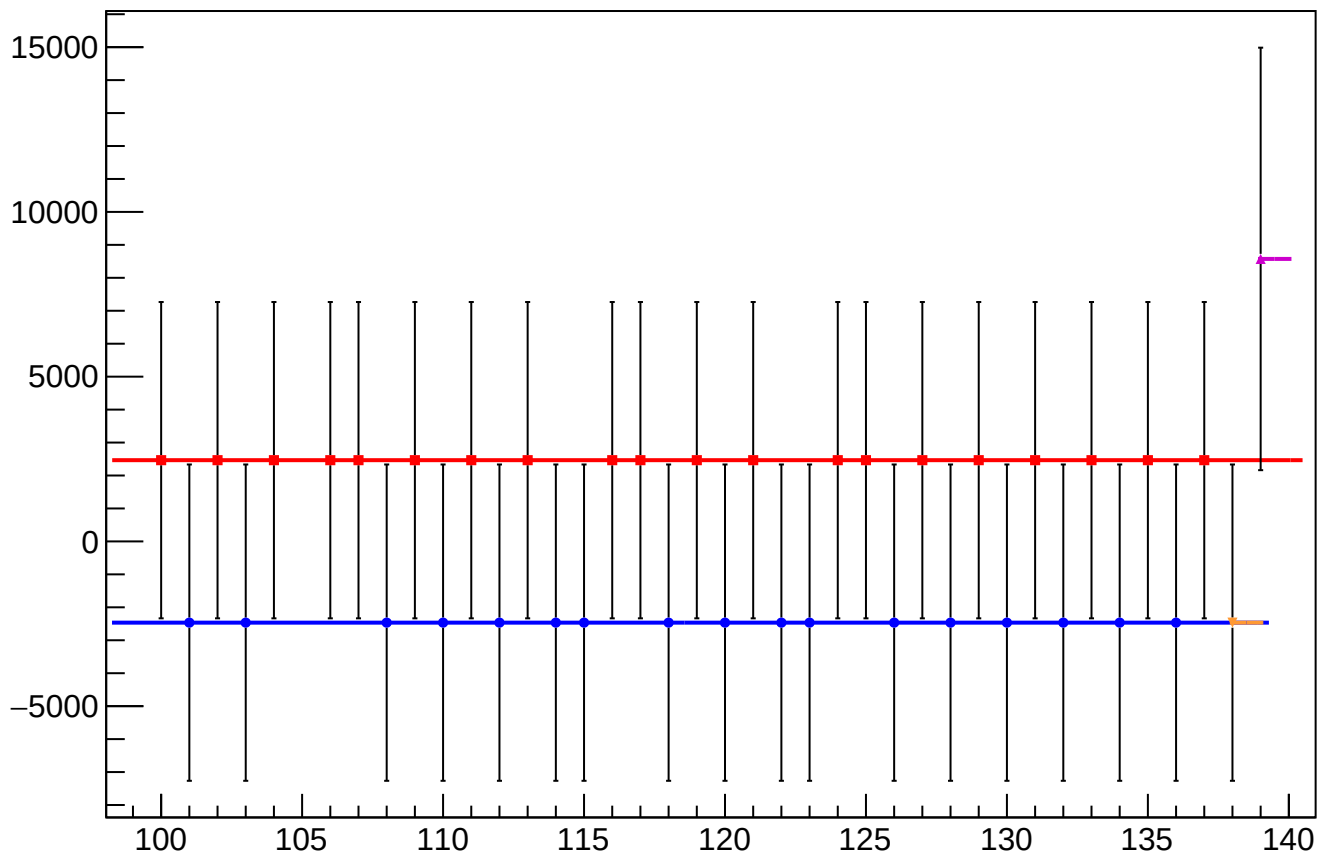
Left In: 2015.553+/-2.030 χ^2/NDF : 0.0/0

2019.841+/-0.535 χ^2/NDF : 651448.1/17

1999.725+/-0.372 χ^2/NDF : 949961.4/38

1980.858+/-0.518 χ^2/NDF : 295775.5/20

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: -2465.419+/-1164.152 χ^2/NDF : 0.0/16

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

Right Out: 2465.419+/-1073.295 χ^2/NDF : 0.0/19

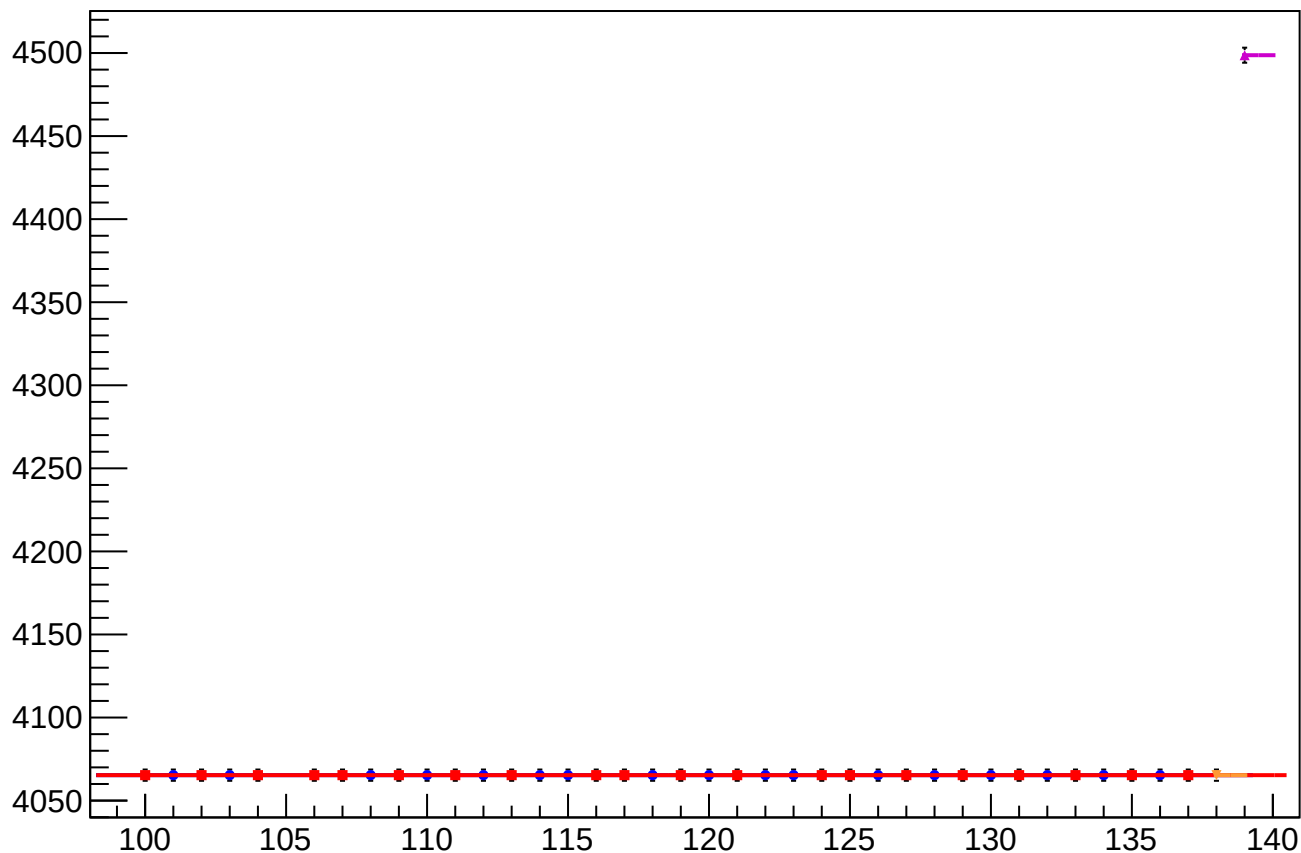
Left In: 8573.317+/-6411.293 χ^2/NDF : 0.0/0

-2465.419+/-1131.353 χ^2/NDF : 0.0/17

252.492+/-772.971 χ^2/NDF : 11.7/38

2631.927+/-1058.565 χ^2/NDF : 0.9/20

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 4065.315 $\pm$ 0.823 χ^2 /NDF: 0.0/16

Left Out: 4065.315 $\pm$ 3.394 χ^2 /NDF: 0.0/0

Right Out: 4065.315 $\pm$ 0.759 χ^2 /NDF: 0.0/19

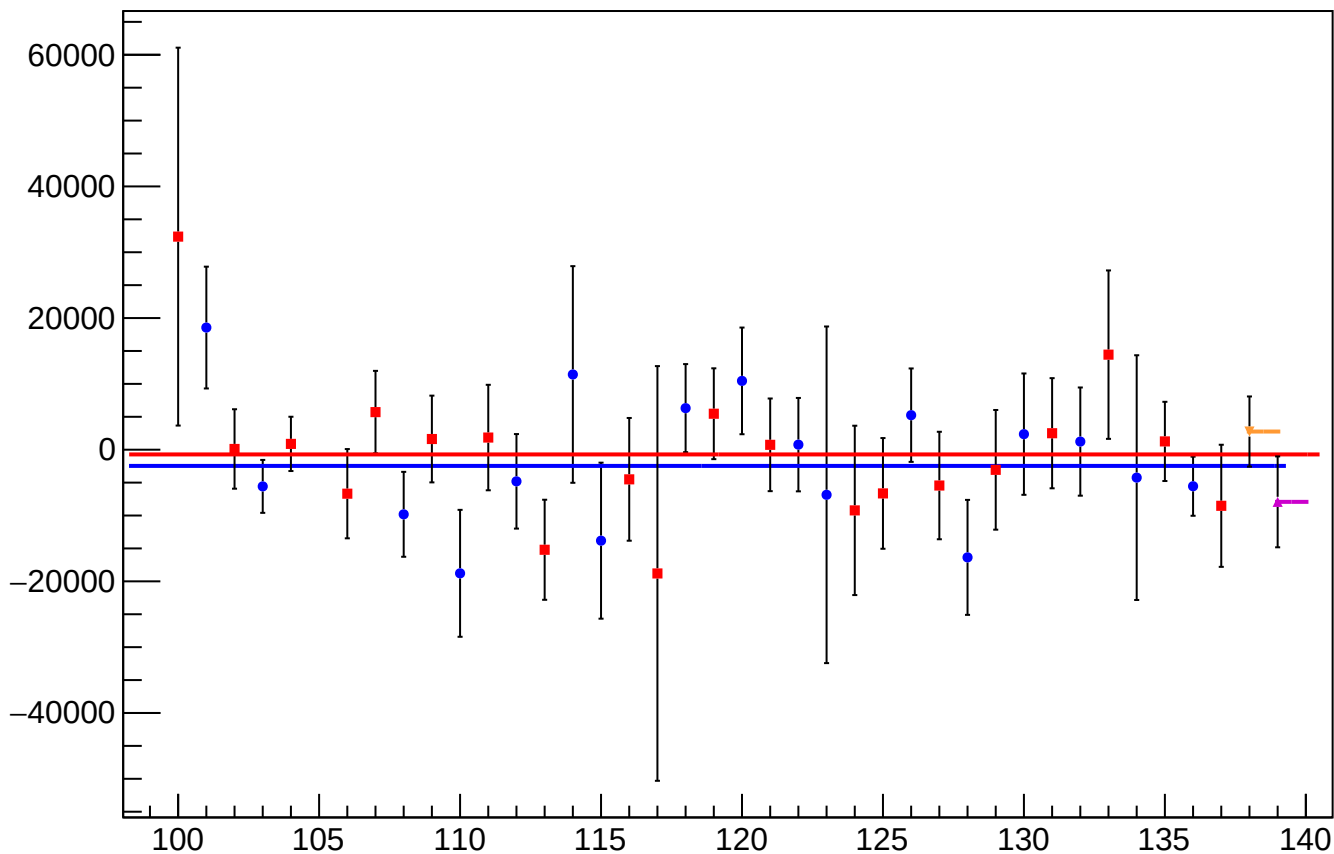
Left In: 4498.684 $\pm$ 4.533 χ^2 /NDF: 0.0/0

4065.315 $\pm$ 0.800 χ^2 /NDF: 0.0/17

4071.614 $\pm$ 0.547 χ^2 /NDF: 9005.3/38

4077.129 $\pm$ 0.749 χ^2 /NDF: 8889.0/20

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: -718.204+/-1687.386 χ^2/NDF : 12.2/19

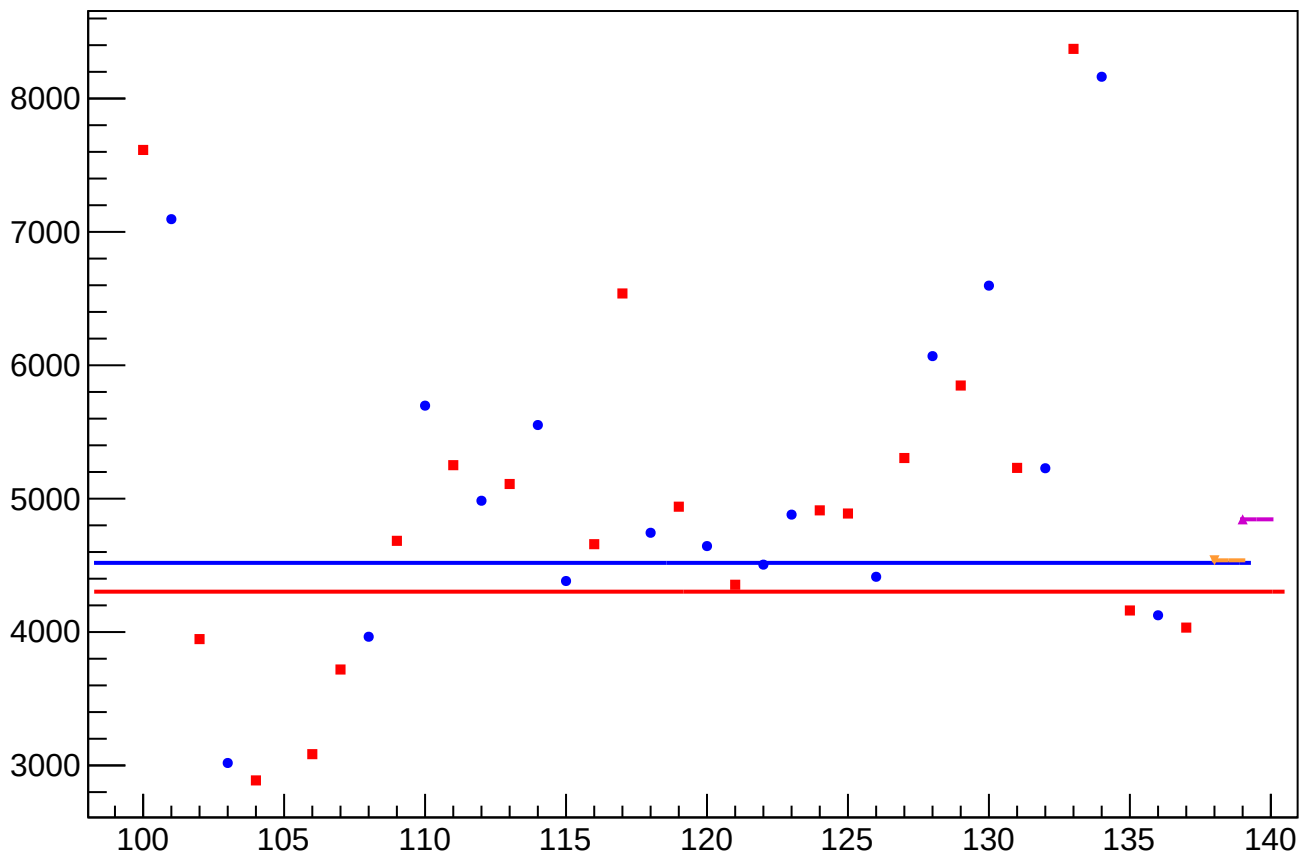
Left In: -7925.298+/-6903.792 χ^2/NDF : 0.0/0

-1928.961+/-1703.043 χ^2/NDF : 21.7/17

-1511.340+/-1180.991 χ^2/NDF : 35.1/38

-1124.474+/-1639.136 χ^2/NDF : 13.3/20

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: 4302.741+/-1.187 χ^2/NDF : 781804.7/19

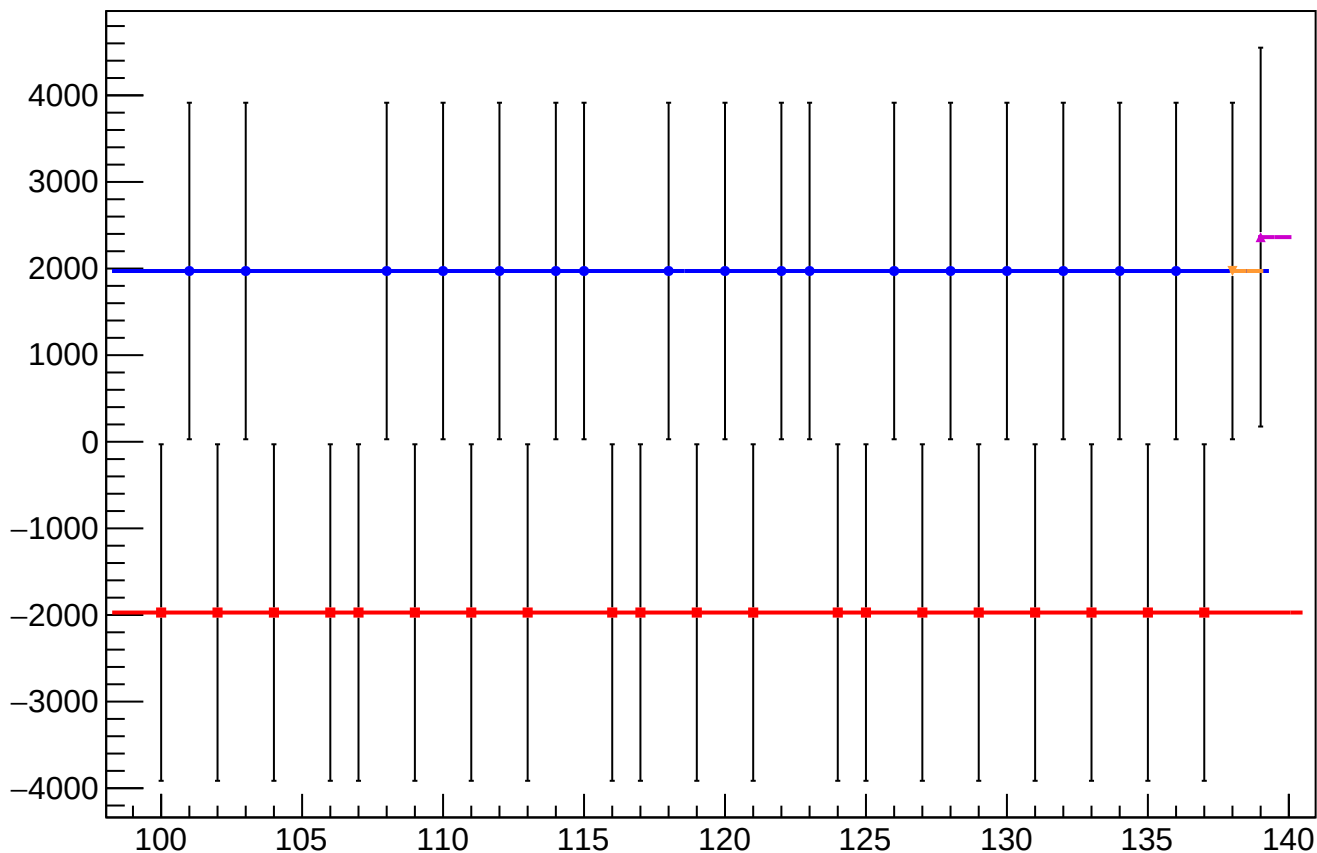
Left In: 4845.056+/-4.882 χ^2/NDF : 0.0/0

4520.631+/-1.204 χ^2/NDF : 770249.9/17

4422.736+/-0.833 χ^2/NDF : 1576374.1/38

4332.993+/-1.153 χ^2/NDF : 793457.5/20

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1971.753+/-471.191 χ^2/NDF : 0.0/16

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

Right Out: -1971.753+/-434.417 χ^2/NDF : 0.0/19

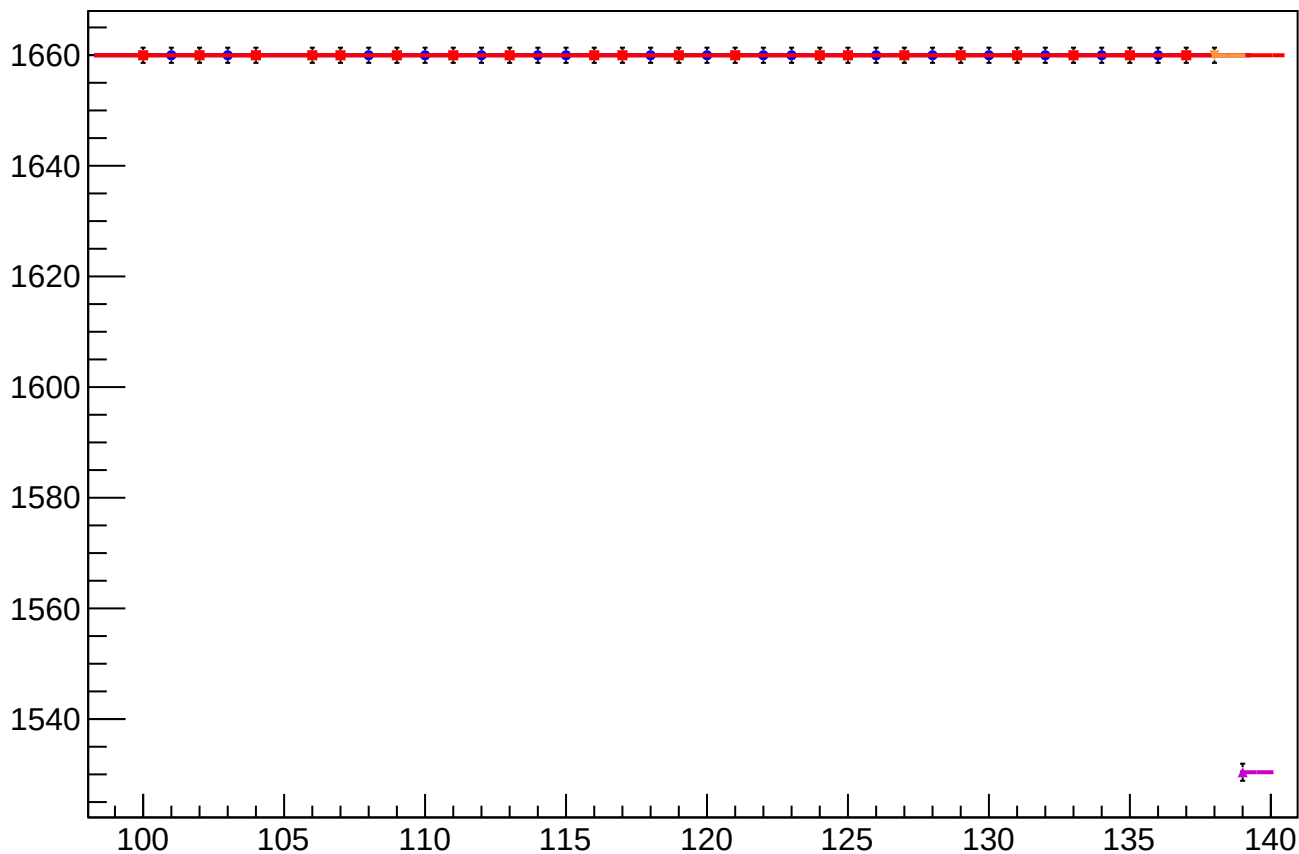
Left In: 2363.116+/-2187.233 χ^2/NDF : 0.0/0

1971.753+/-457.915 χ^2/NDF : 0.0/17

-53.601+/-311.937 χ^2/NDF : 40.3/38

-1807.242+/-426.094 χ^2/NDF : 3.8/20

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1659.972 $\pm$ 0.333 χ^2 /NDF: 0.0/16

Left Out: 1659.972 $\pm$ 1.374 χ^2 /NDF:0.0/0

Right Out: 1659.972 $\pm$ 0.307 χ^2 /NDF: 0.0/19

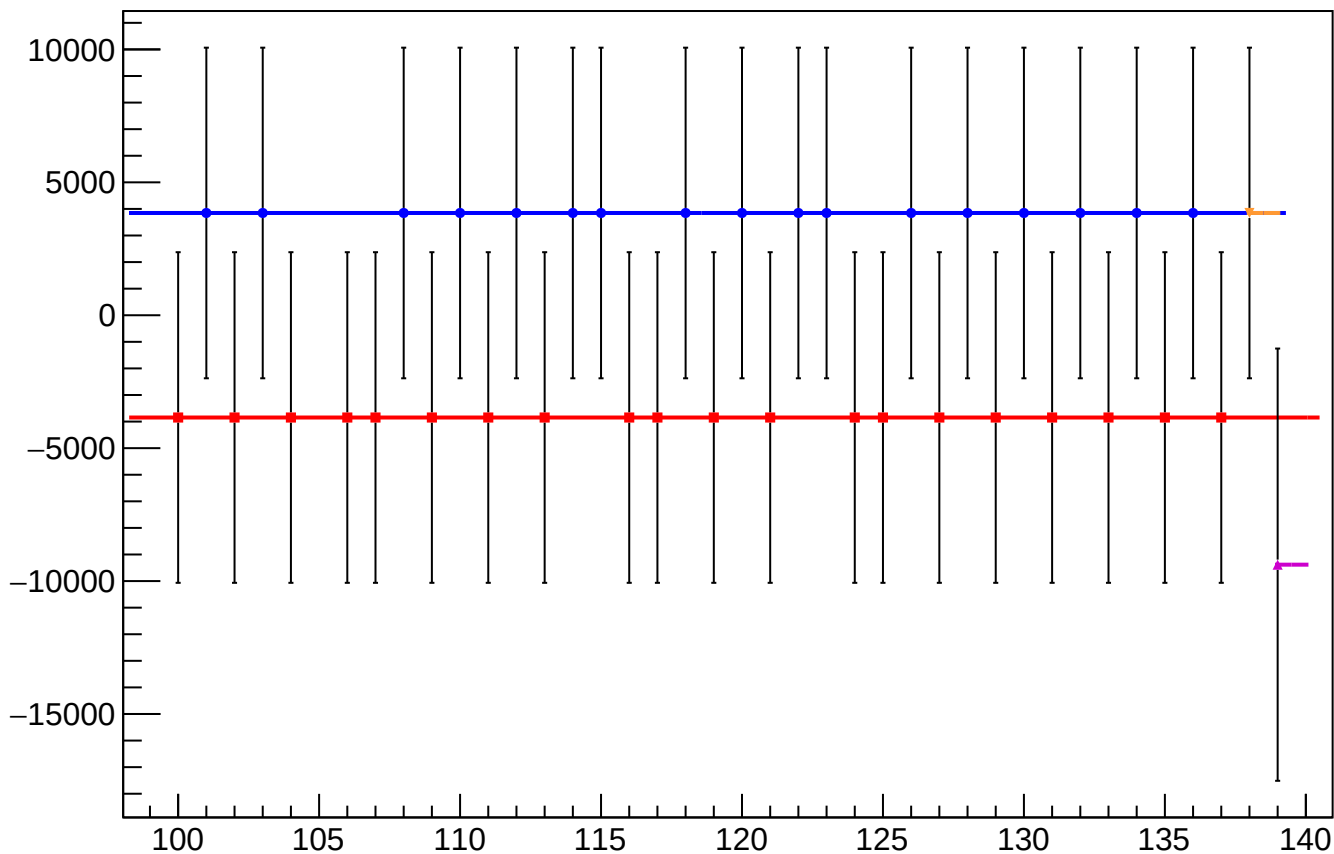
Left In: 1530.389 $\pm$ 1.547 χ^2 /NDF:0.0/0

1659.972 $\pm$ 0.324 χ^2 /NDF: 0.0/17

1657.336 $\pm$ 0.221 χ^2 /NDF: 6877.1/38

1655.054 $\pm$ 0.301 χ^2 /NDF: 6753.5/20

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 3847.115 $\pm$ 1508.277 χ^2/NDF : 0.0/16

Left Out: 3847.115 $\pm$ 6218.786 χ^2/NDF : 0.0/0

Right Out: -3847.115 $\pm$ 1390.563 χ^2/NDF : 0.0/19

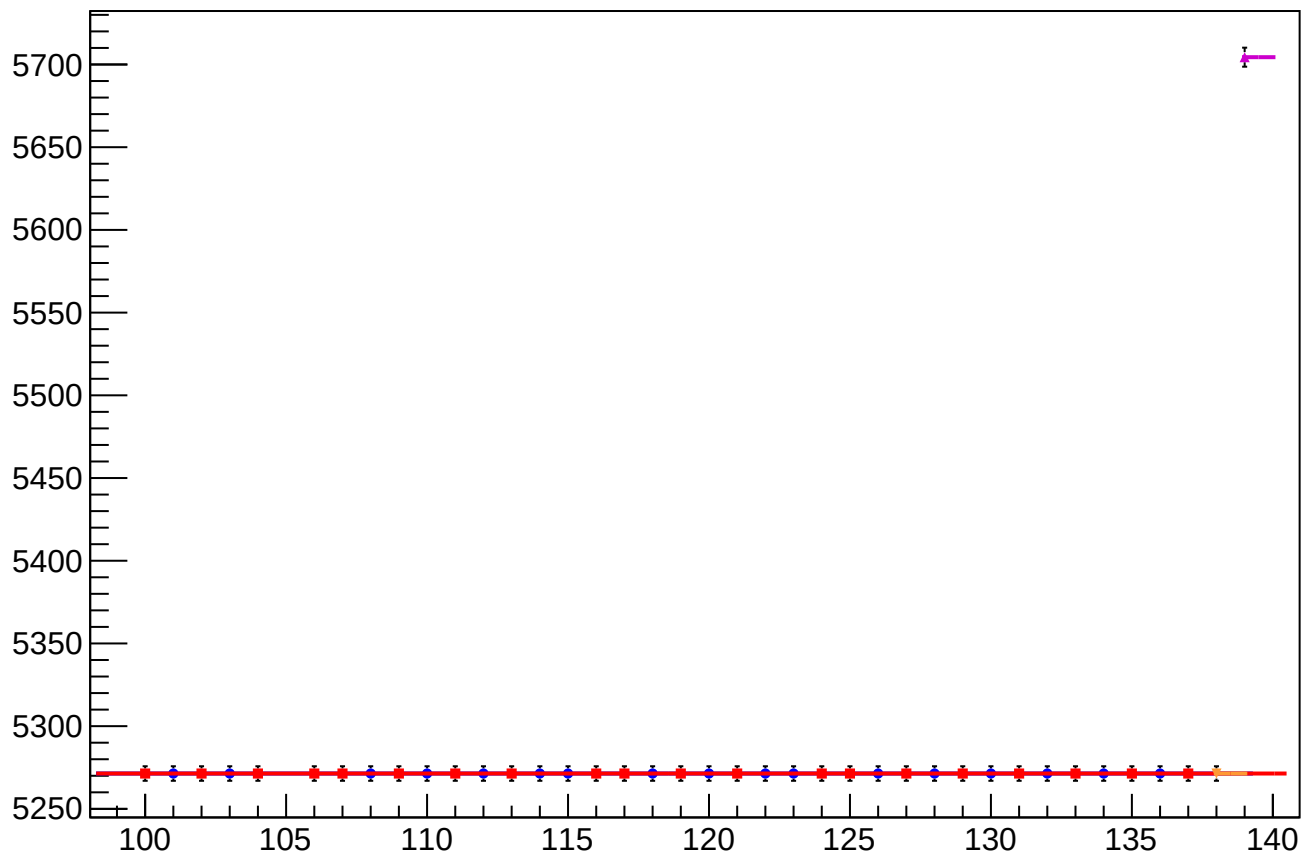
Left In: -9382.980 $\pm$ 8130.394 χ^2/NDF : 0.0/0

3847.115 $\pm$ 1465.782 χ^2/NDF : 0.0/17

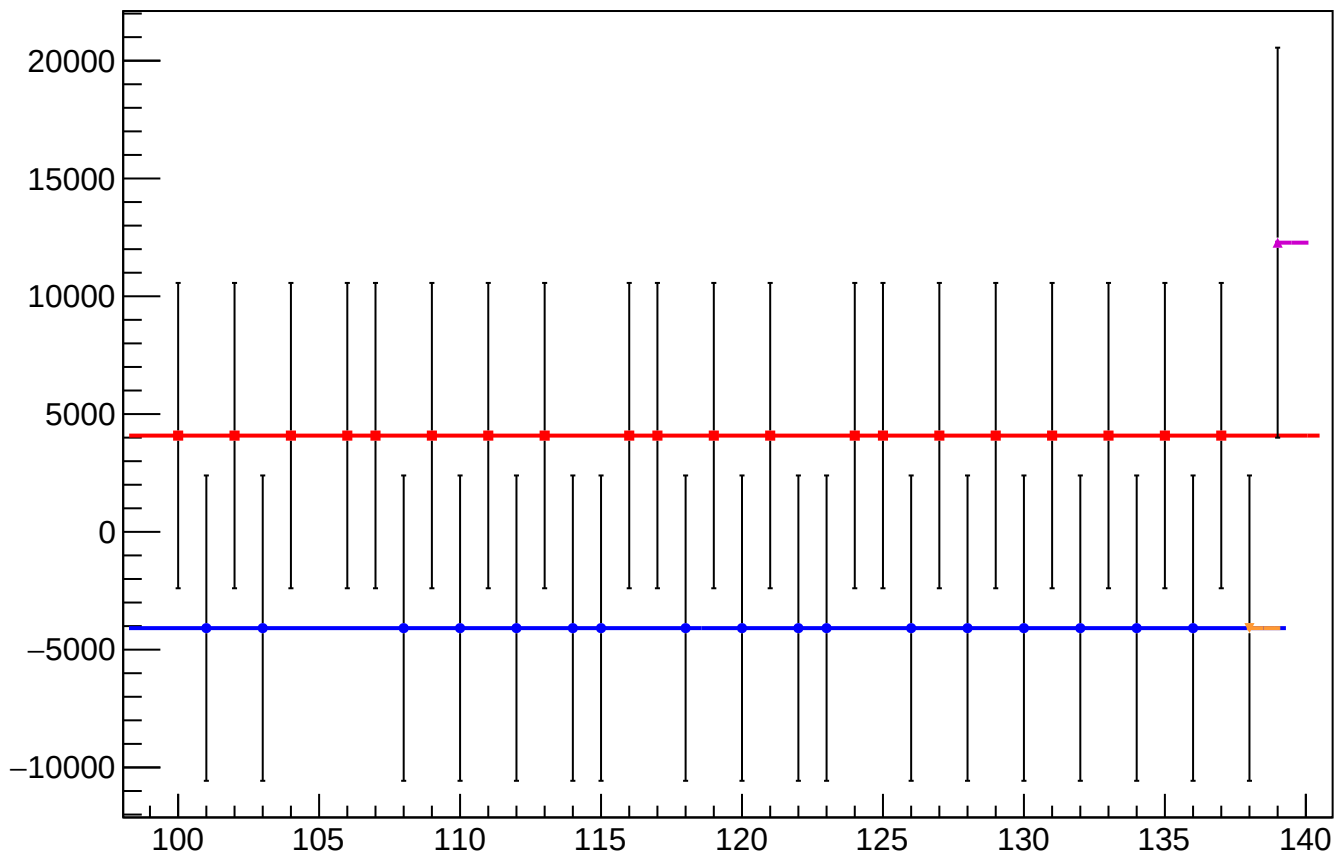
-341.679 $\pm$ 1001.143 χ^2/NDF : 15.8/38

-4004.449 $\pm$ 1370.660 χ^2/NDF : 0.5/20

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: -4086.240 $\pm$ 1571.736 χ^2 /NDF: 0.0/16

Left Out: -4086.240 $\pm$ 6480.434 χ^2 /NDF: 0.0/0

Right Out: 4086.240 $\pm$ 1449.069 χ^2 /NDF: 0.0/19

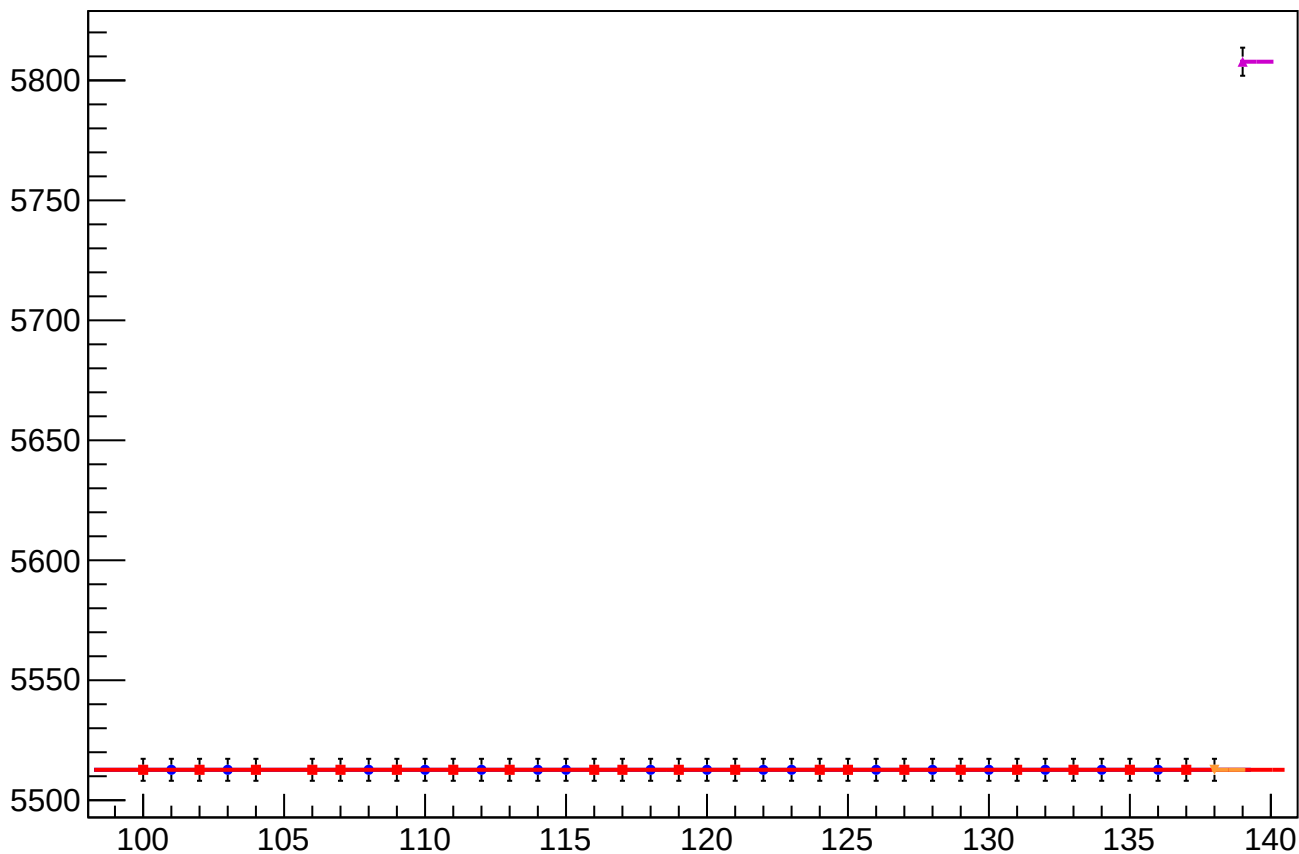
Left In: 12275.888 $\pm$ 8277.151 χ^2 /NDF: 0.0/0

-4086.240 $\pm$ 1527.453 χ^2 /NDF: 0.0/17

406.531 $\pm$ 1042.887 χ^2 /NDF: 17.2/38

4329.780 $\pm$ 1427.361 χ^2 /NDF: 0.9/20

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5512.679+/-1.111 χ^2 /NDF: 0.0/16

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

Right Out: 5512.679+/-1.025 χ^2 /NDF: 0.0/19

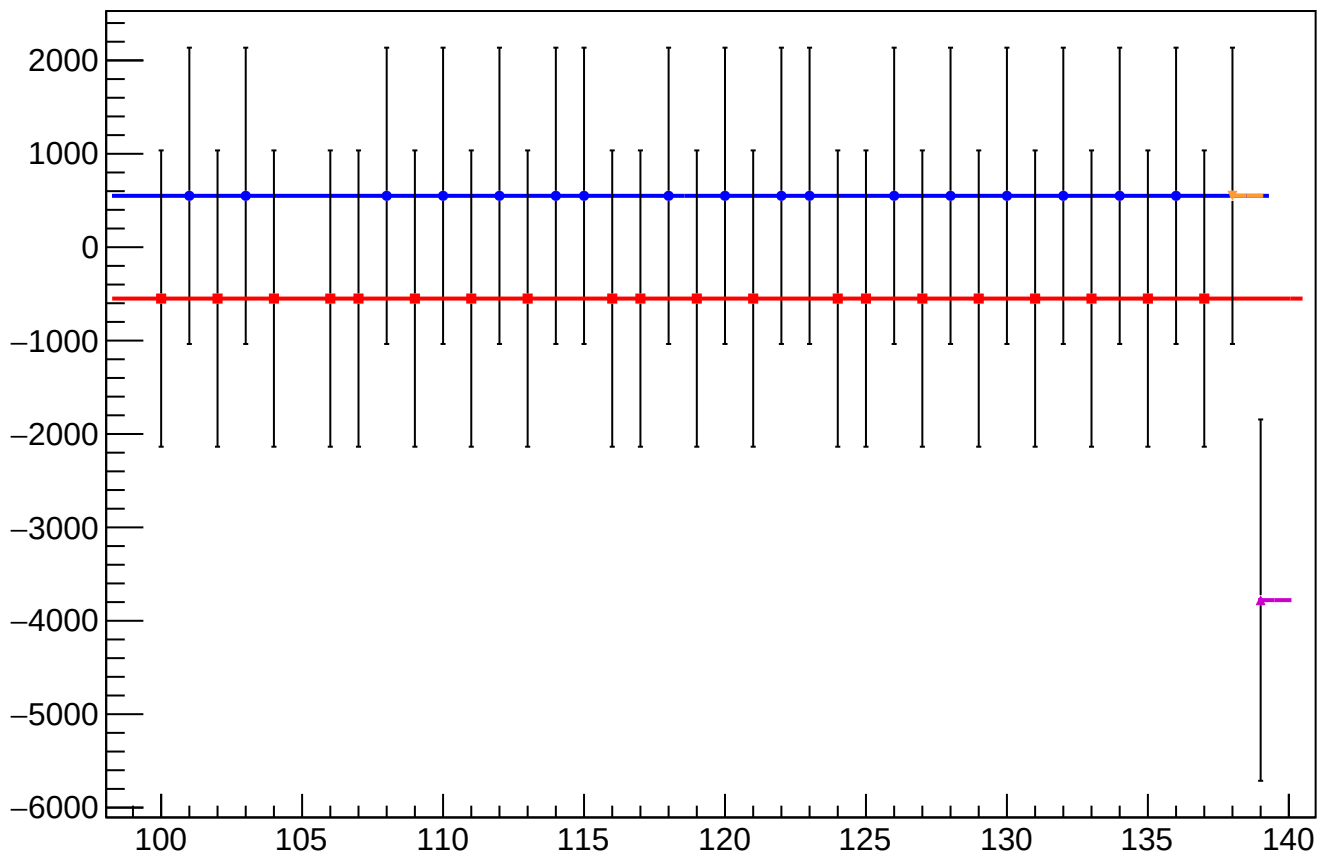
Left In: 5807.785+/-5.853 χ^2 /NDF: 0.0/0

5512.679+/-1.080 χ^2 /NDF: 0.0/17

5517.364+/-0.737 χ^2 /NDF: 2501.9/38

5521.455+/-1.009 χ^2 /NDF: 2466.7/20

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 550.049 $\pm$ 384.722 χ^2/NDF : 0.0/16

Left Out: 550.049 $\pm$ 1586.250 χ^2/NDF : 0.0/0

Right Out: -550.049 $\pm$ 354.696 χ^2/NDF : 0.0/19

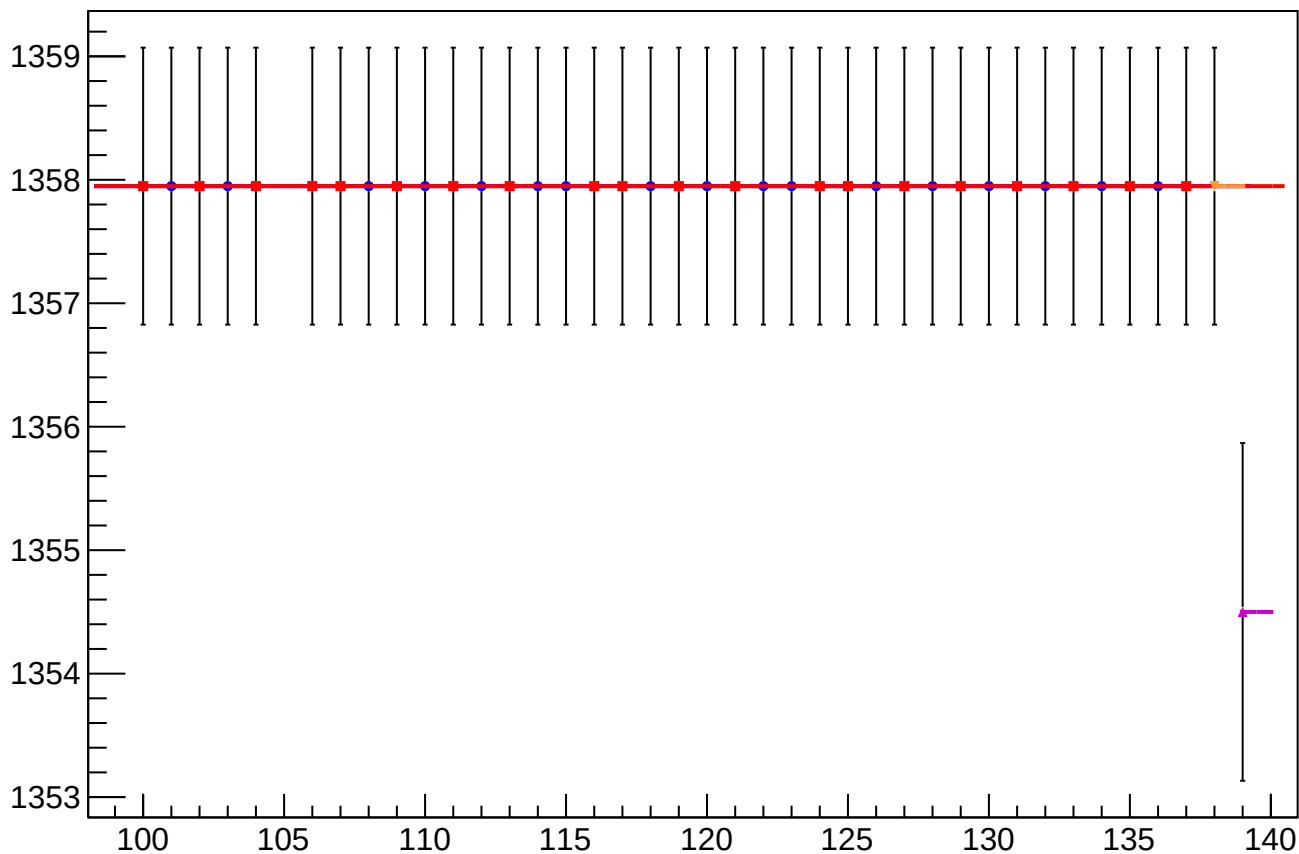
Left In: -3778.753 $\pm$ 1934.455 χ^2/NDF : 0.0/0

550.049 $\pm$ 373.883 χ^2/NDF : 0.0/17

-94.148 $\pm$ 255.077 χ^2/NDF : 8.2/38

-655.067 $\pm$ 348.880 χ^2/NDF : 2.7/20

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1357.949 $\pm$ 0.272 χ^2 /NDF: 0.0/16

Left Out: 1357.949 $\pm$ 1.122 χ^2 /NDF:0.0/0

Right Out: 1357.949 $\pm$ 0.251 χ^2 /NDF: 0.0/19

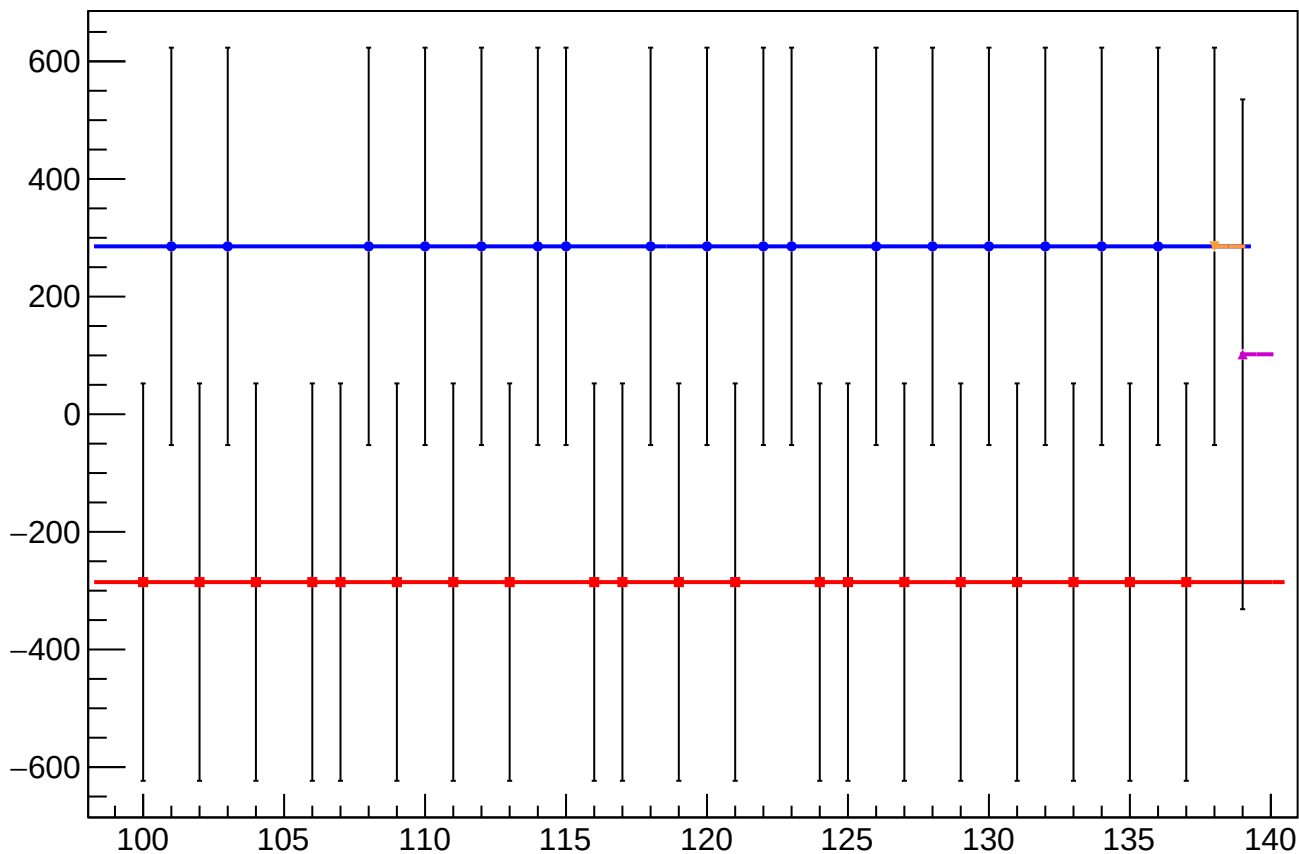
Left In: 1354.500 $\pm$ 1.368 χ^2 /NDF:0.0/0

1357.949 $\pm$ 0.264 χ^2 /NDF: 0.0/17

1357.889 $\pm$ 0.180 χ^2 /NDF: 6.2/38

1357.836 $\pm$ 0.247 χ^2 /NDF: 6.1/20

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 285.426 $\pm$ 81.938 χ^2/NDF : 0.0/16

Left Out: 285.426 $\pm$ 337.838 χ^2/NDF : 0.0/0

Right Out: -285.426 $\pm$ 75.543 χ^2/NDF : 0.0/19

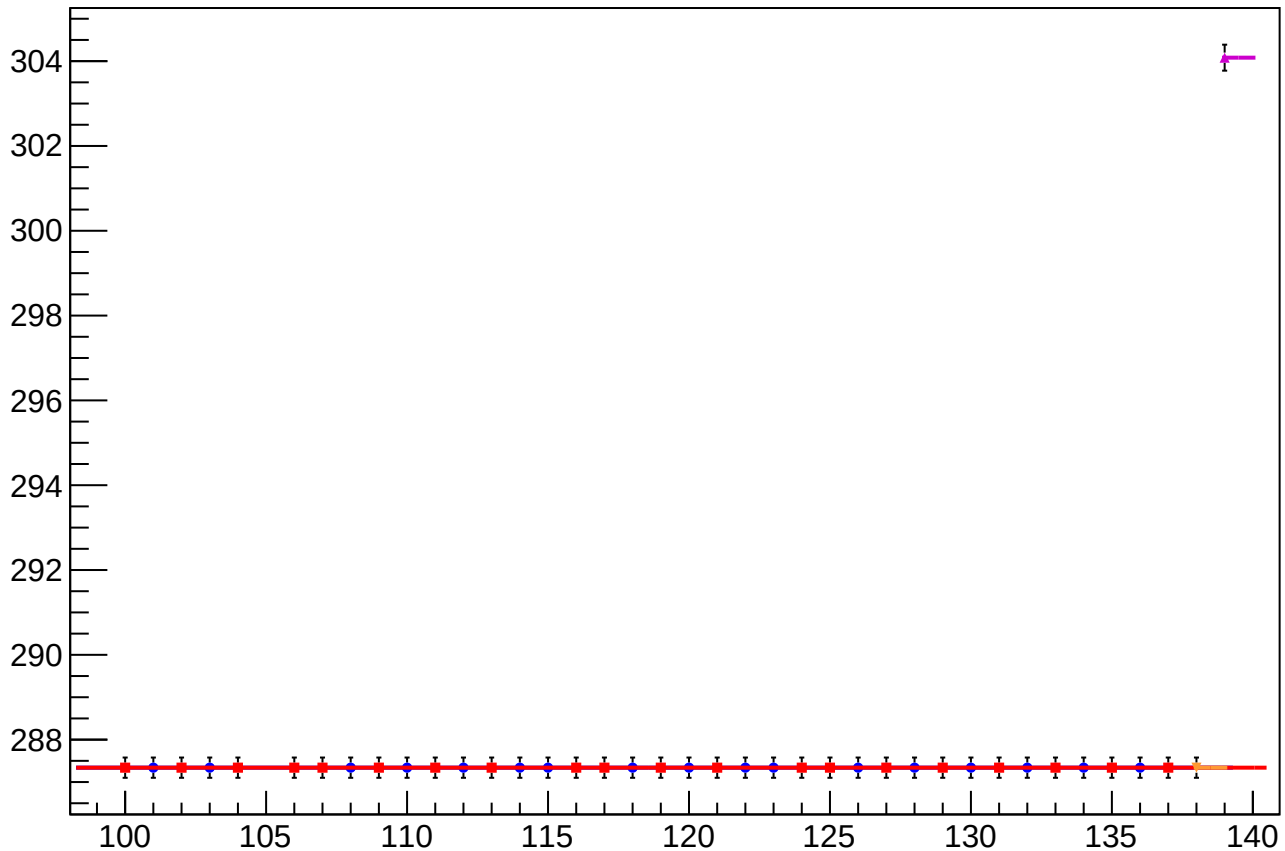
Left In: 101.907 $\pm$ 433.410 χ^2/NDF : 0.0/0

285.426 $\pm$ 79.629 χ^2/NDF : 0.0/17

-13.182 $\pm$ 54.372 χ^2/NDF : 27.1/38

-274.006 $\pm$ 74.421 χ^2/NDF : 0.8/20

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 287.339 $\pm$ 0.058 χ^2 /NDF: 0.0/16

Left Out: 287.339 $\pm$ 0.239 χ^2 /NDF: 0.0/0

Right Out: 287.339 $\pm$ 0.053 χ^2 /NDF: 0.0/19

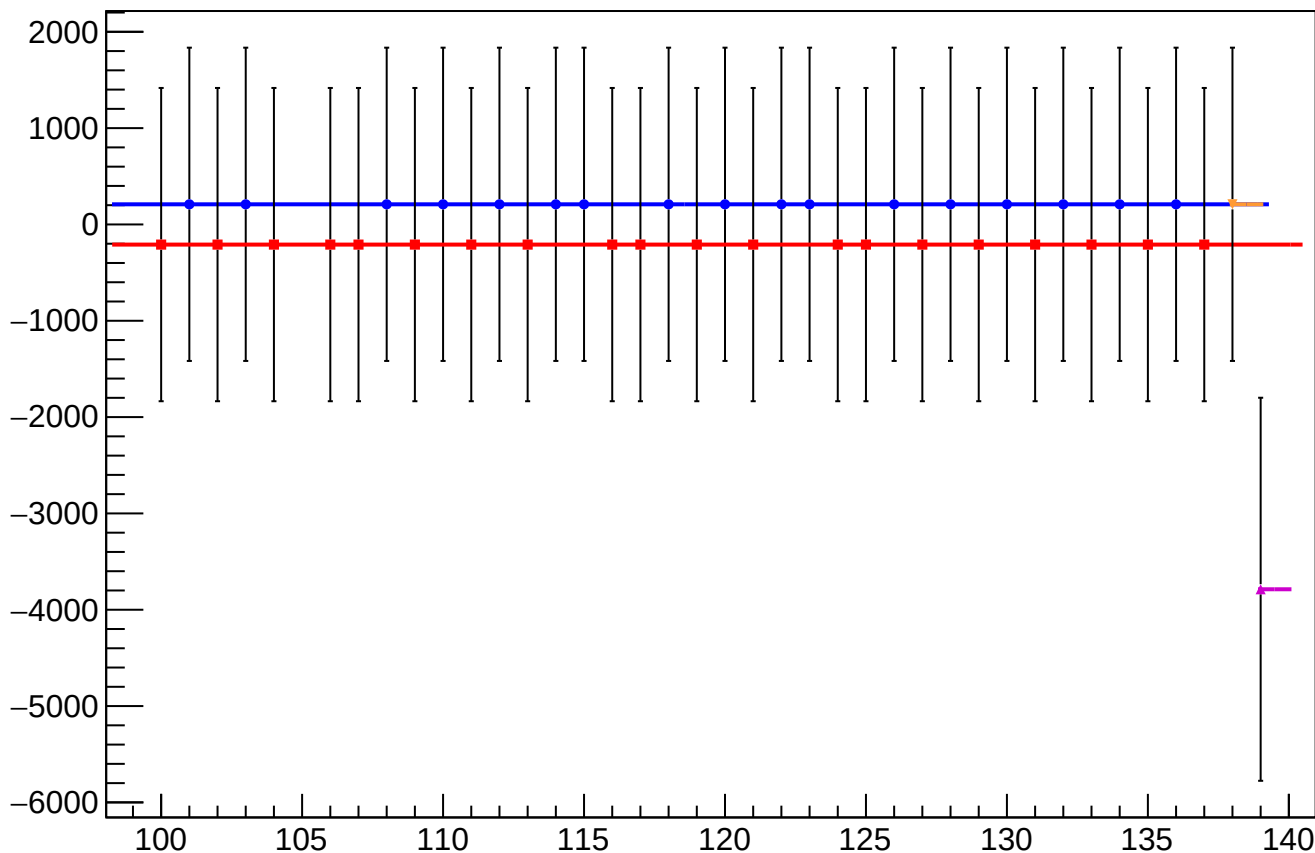
Left In: 304.082 $\pm$ 0.306 χ^2 /NDF: 0.0/0

287.339 $\pm$ 0.056 χ^2 /NDF: 0.0/17

287.603 $\pm$ 0.038 χ^2 /NDF: 2937.7/38

287.833 $\pm$ 0.053 χ^2 /NDF: 2896.7/20

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 209.113 $\pm$ 394.402 χ^2 /NDF: 0.0/16

Left Out: 209.113 $\pm$ 1626.160 χ^2 /NDF: 0.0/0

Right Out: -209.113 $\pm$ 363.621 χ^2 /NDF: 0.0/19

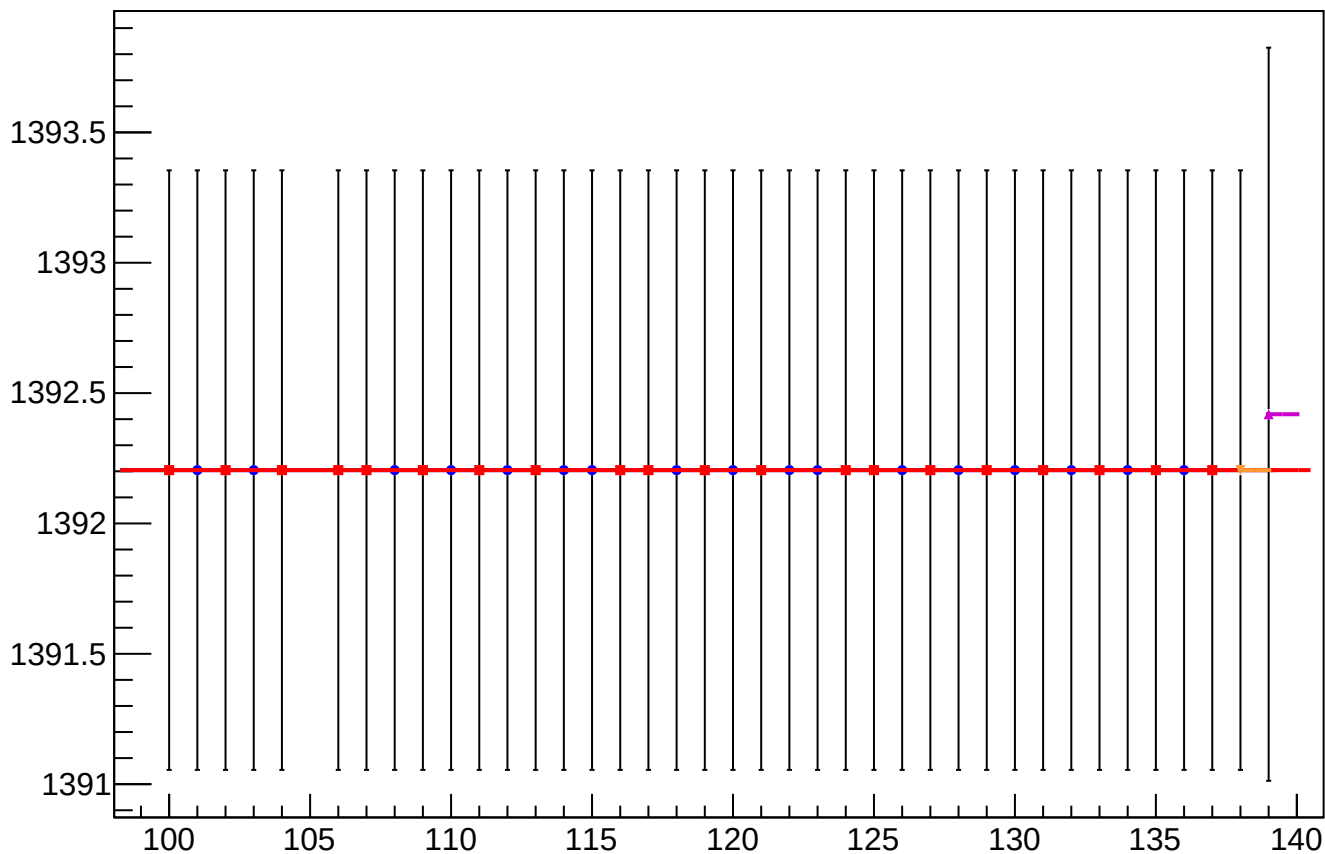
Left In: -3787.490 $\pm$ 1988.388 χ^2 /NDF: 0.0/0

209.113 $\pm$ 383.290 χ^2 /NDF: 0.0/17

-76.327 $\pm$ 261.507 χ^2 /NDF: 4.2/38

-324.909 $\pm$ 357.689 χ^2 /NDF: 3.1/20

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1392.205 $\pm$ 0.279 χ^2 /NDF: 0.0/16

Left Out: 1392.205 $\pm$ 1.150 χ^2 /NDF:0.0/0

Right Out: 1392.205 $\pm$ 0.257 χ^2 /NDF: 0.0/19

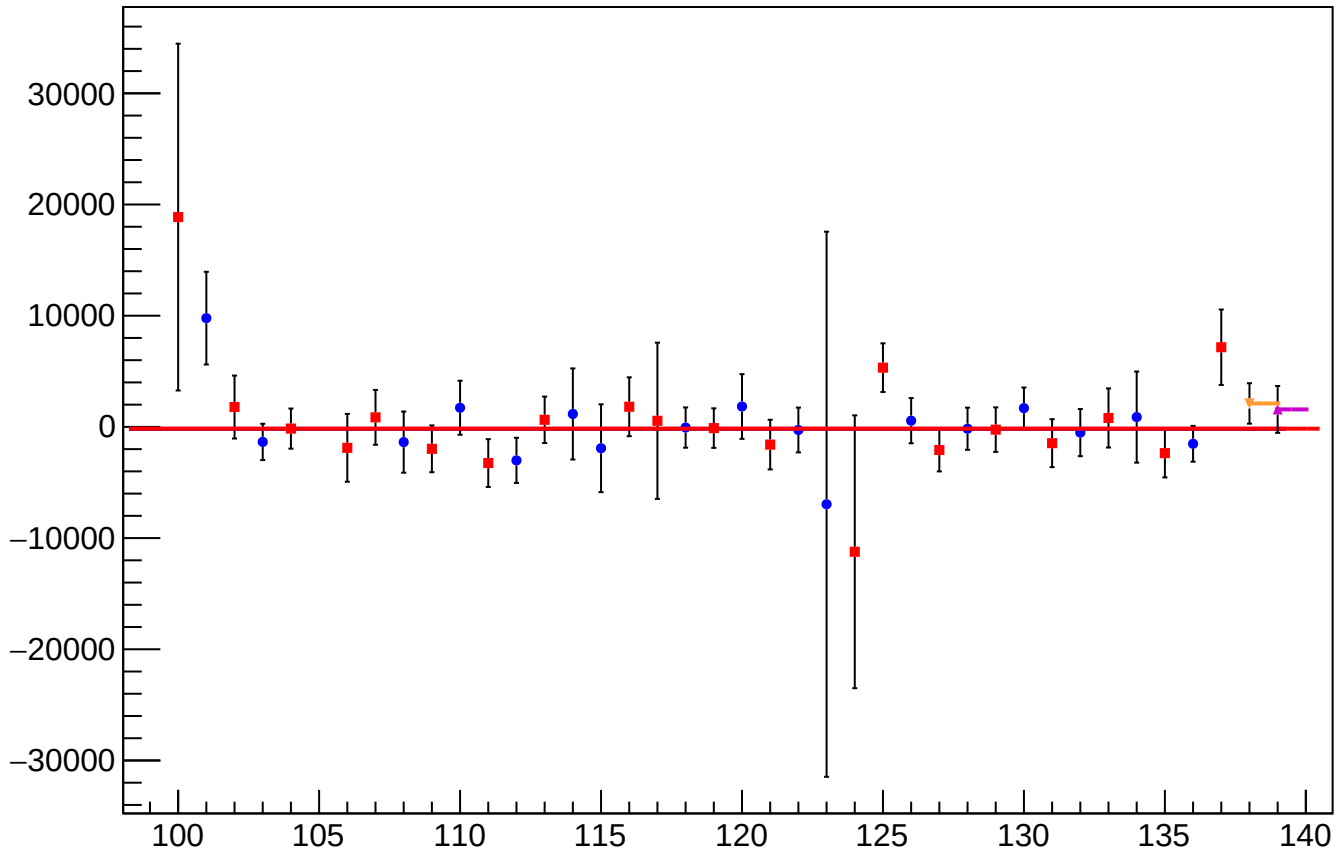
Left In: 1392.419 $\pm$ 1.406 χ^2 /NDF:0.0/0

1392.205 $\pm$ 0.271 χ^2 /NDF: 0.0/17

1392.208 $\pm$ 0.185 χ^2 /NDF: 0.0/38

1392.211 $\pm$ 0.253 χ^2 /NDF: 0.0/20

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: -160.745+/-538.513 χ^2/NDF : 20.7/19

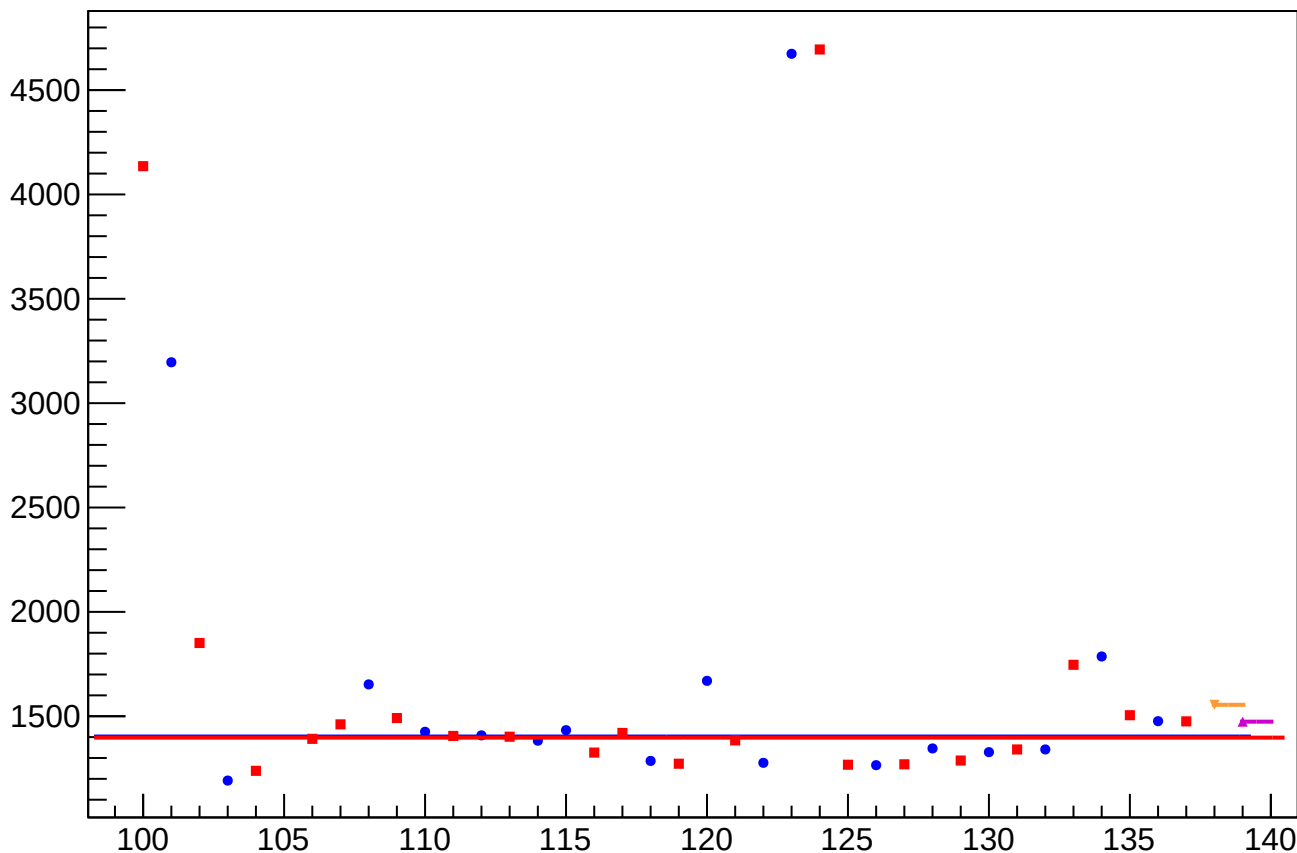
Left In: 1572.469+/-2105.943 χ^2/NDF : 0.0/0

19.581+/-530.518 χ^2/NDF : 13.2/17

-18.012+/-371.985 χ^2/NDF : 34.5/38

-54.369+/-521.726 χ^2/NDF : 21.3/20

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1397.574+/-0.381 χ^2/NDF : 353385.9/19

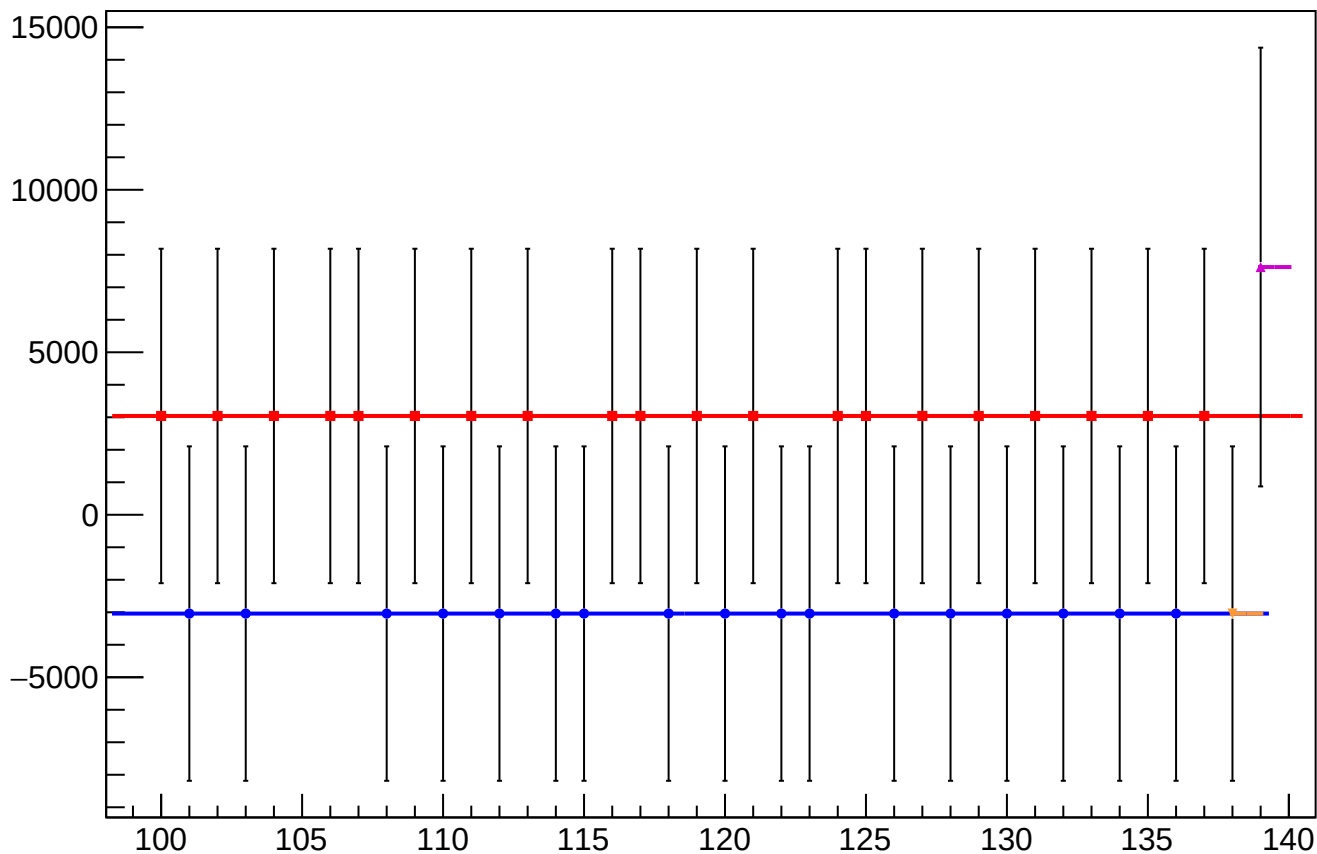
Left In: 1473.983+/-1.489 χ^2/NDF : 0.0/0

1415.657+/-0.375 χ^2/NDF : 539126.5/17

1408.842+/-0.263 χ^2/NDF : 895632.5/38

1402.259+/-0.369 χ^2/NDF : 355857.3/20

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: -3040.411+/-1247.937 χ^2/NDF : 0.0/16

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

Right Out: 3040.411+/-1150.541 χ^2/NDF : 0.0/19

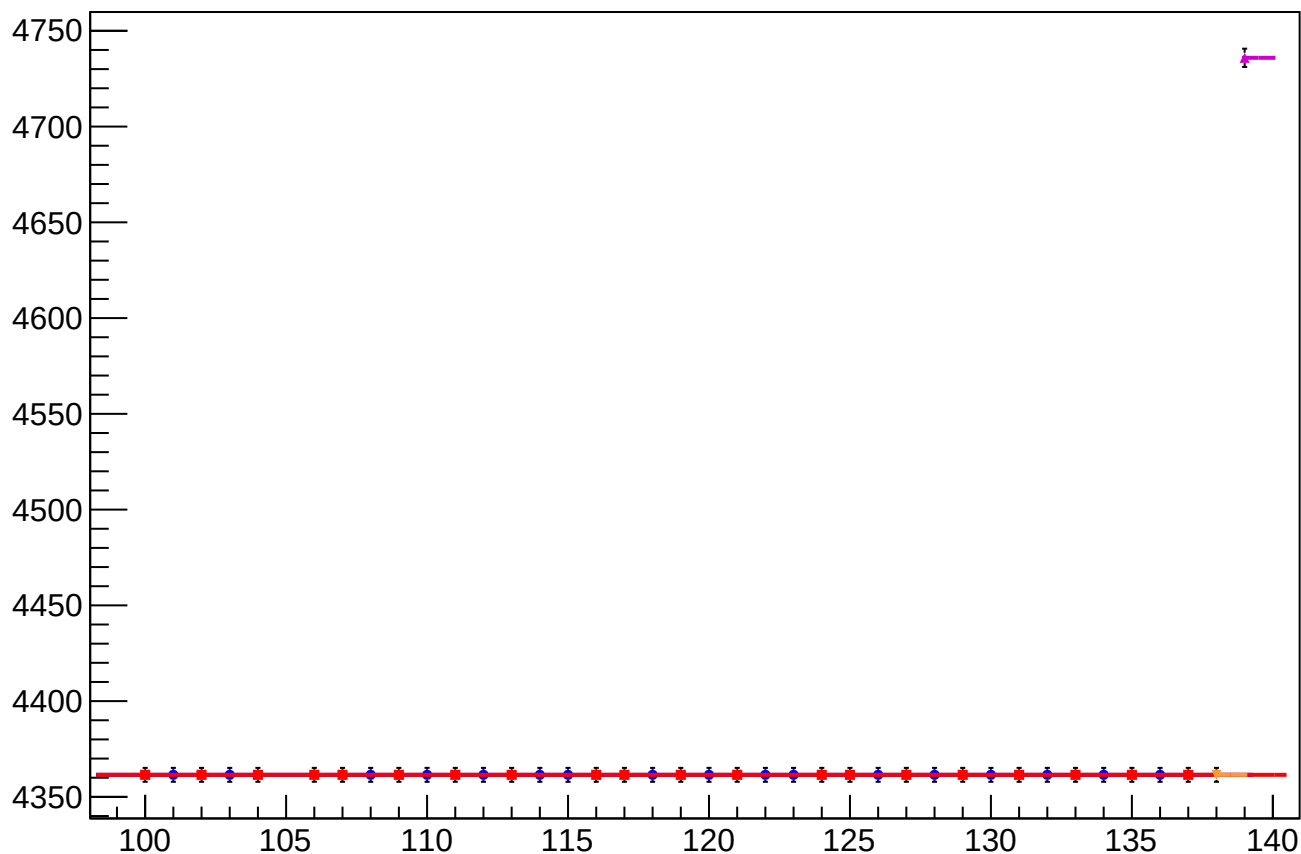
Left In: 7622.672+/-6750.252 χ^2/NDF : 0.0/0

-3040.411+/-1212.777 χ^2/NDF : 0.0/17

272.408+/-828.381 χ^2/NDF : 14.4/38

3169.773+/-1134.184 χ^2/NDF : 0.4/20

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 4361.513+/-0.882 χ^2/NDF : 0.0/16

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

Right Out: 4361.513+/-0.814 χ^2/NDF : 0.0/19

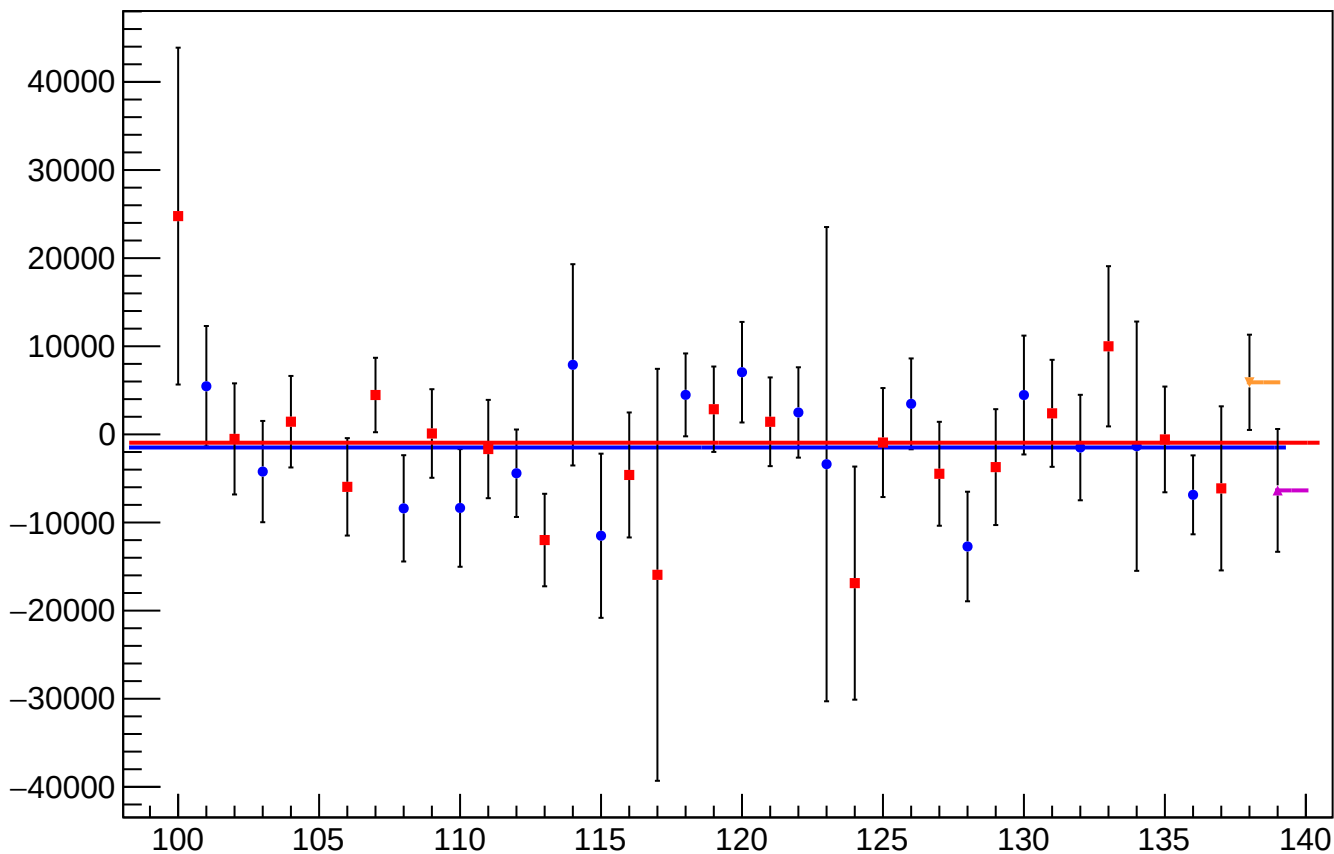
Left In: 4735.902+/-4.773 χ^2/NDF : 0.0/0

4361.513+/-0.858 χ^2/NDF : 0.0/17

4367.151+/-0.586 χ^2/NDF : 6059.6/38

4372.083+/-0.802 χ^2/NDF : 5978.6/20

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

Right Out: -946.322 $\pm$ 1376.517 χ^2 /NDF: 14.5/19

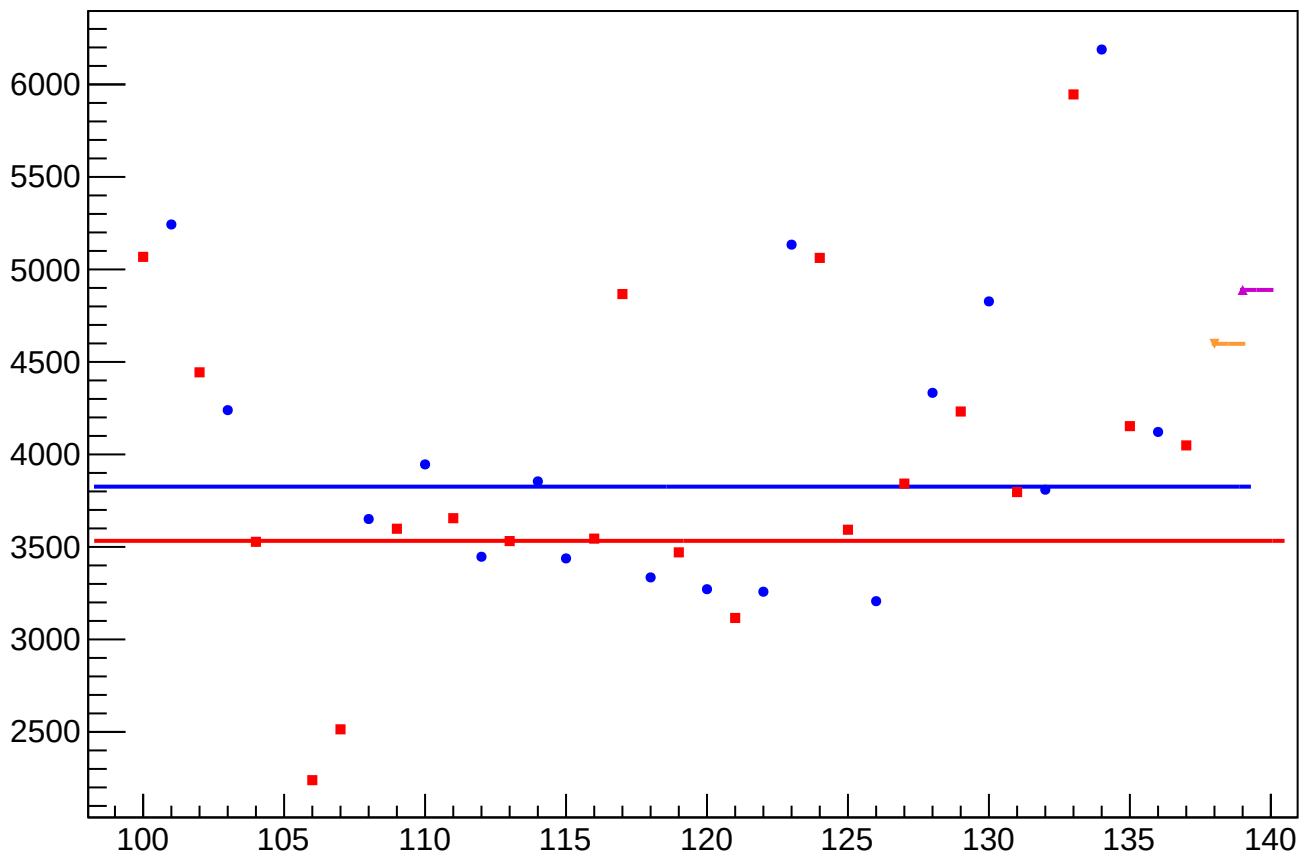
Left In: -6356.819 $\pm$ 6968.880 χ^2 /NDF: 0.0/0

-958.811 $\pm$ 1444.590 χ^2 /NDF: 18.4/17

-1060.566 $\pm$ 986.506 χ^2 /NDF: 33.5/38

-1149.488 $\pm$ 1350.425 χ^2 /NDF: 15.1/20

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3825.844 $\pm$ 1.060 χ^2/NDF : 334404.3/16

Left Out: 4597.952 $\pm$ 3.822 χ^2/NDF : 0.0/0

Right Out: 3532.847 $\pm$ 0.965 χ^2/NDF : 561950.7/19

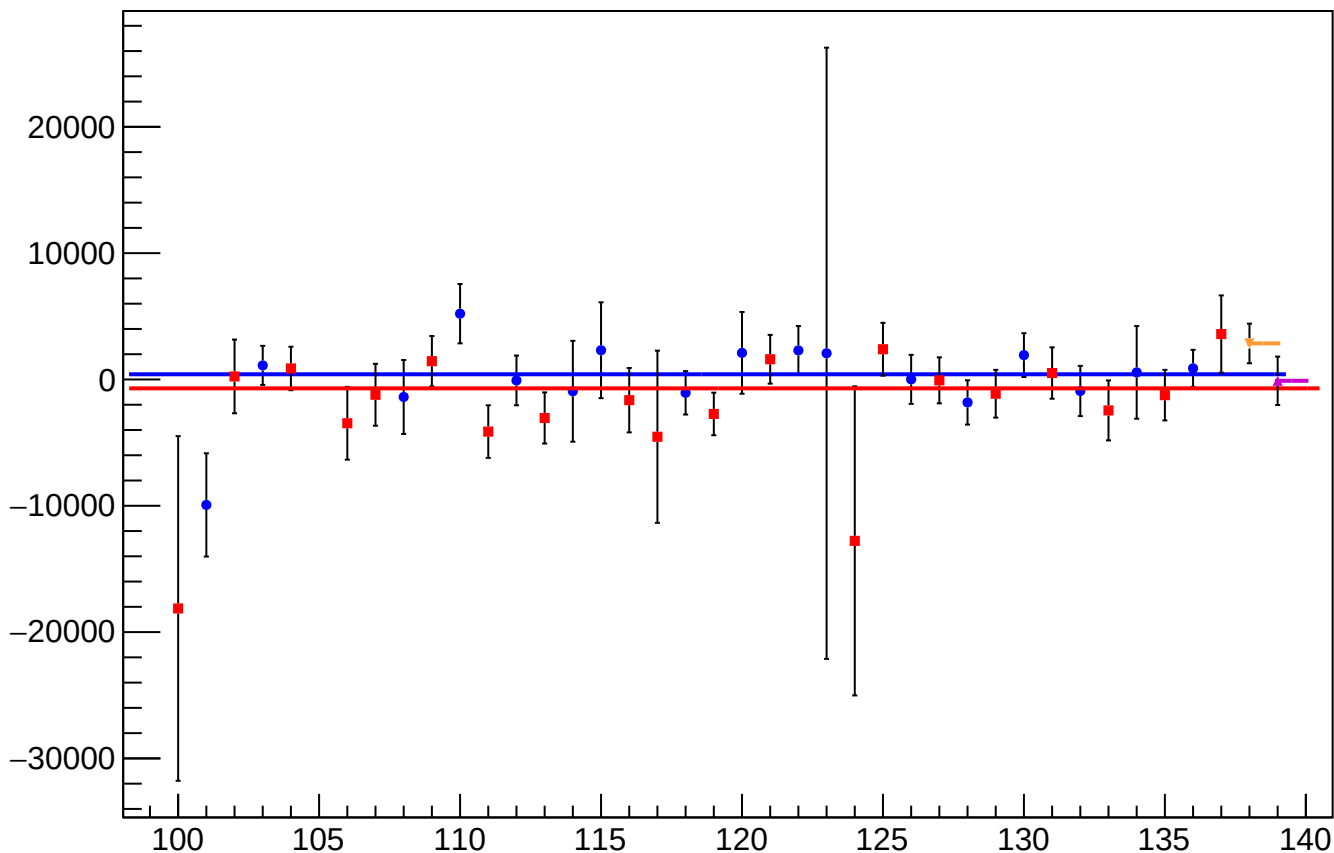
Left In: 4889.249 $\pm$ 4.928 χ^2/NDF : 0.0/0

3880.986 $\pm$ 1.021 χ^2/NDF : 372296.1/17

3720.614 $\pm$ 0.694 χ^2/NDF : 1053036.2/38

3582.896 $\pm$ 0.947 χ^2/NDF : 634922.1/20

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -703.653+/-508.772 χ^2/NDF : 18.4/19

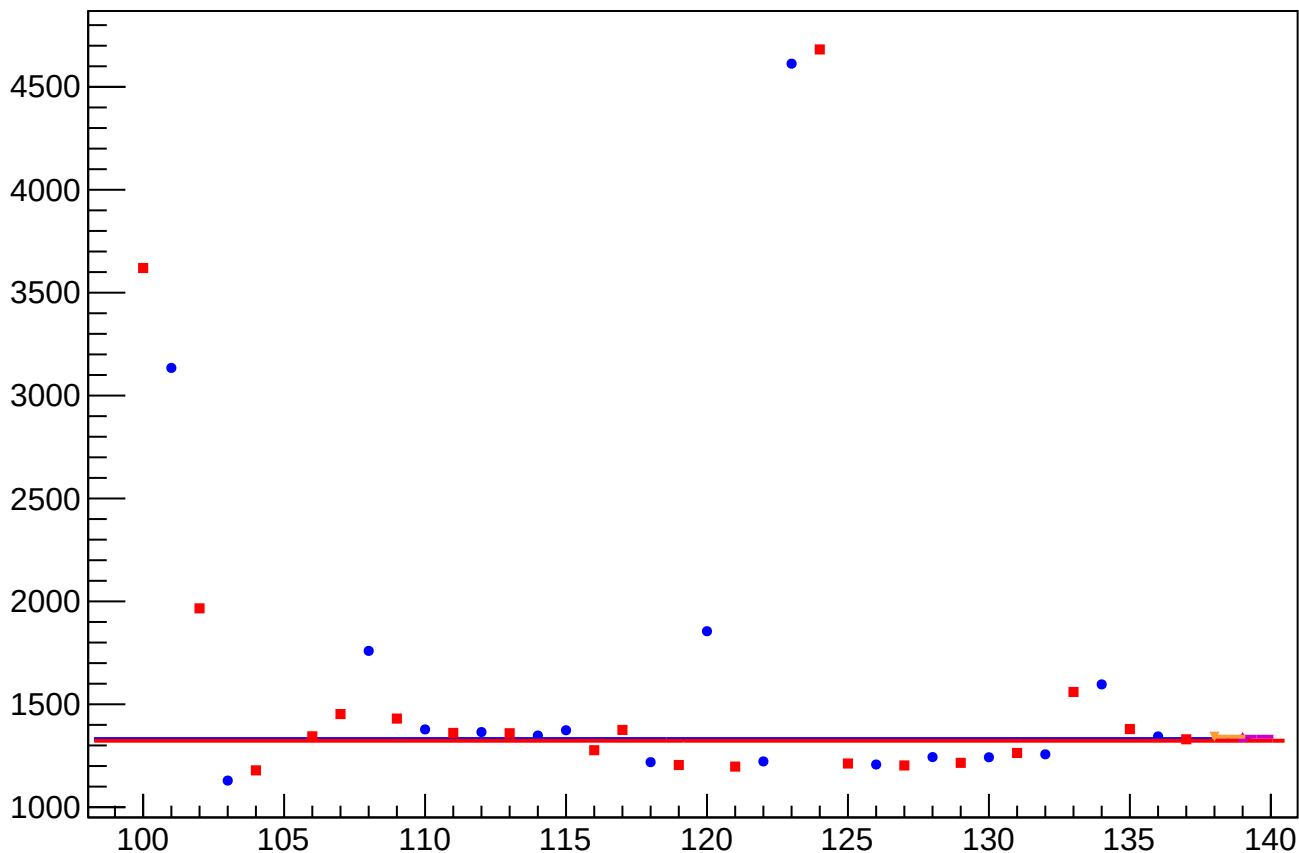
Left In: -106.731+/-1916.995 χ^2/NDF : 0.0/0

660.147+/-500.377 χ^2/NDF : 18.7/17

-13.632+/-350.729 χ^2/NDF : 40.7/38

-664.374+/-491.748 χ^2/NDF : 18.4/20

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1342.360 $\pm$ 1.109 χ^2 /NDF: 0.0/0

Right Out: 1322.999 $\pm$ 0.360 χ^2 /NDF: 394532.6/19

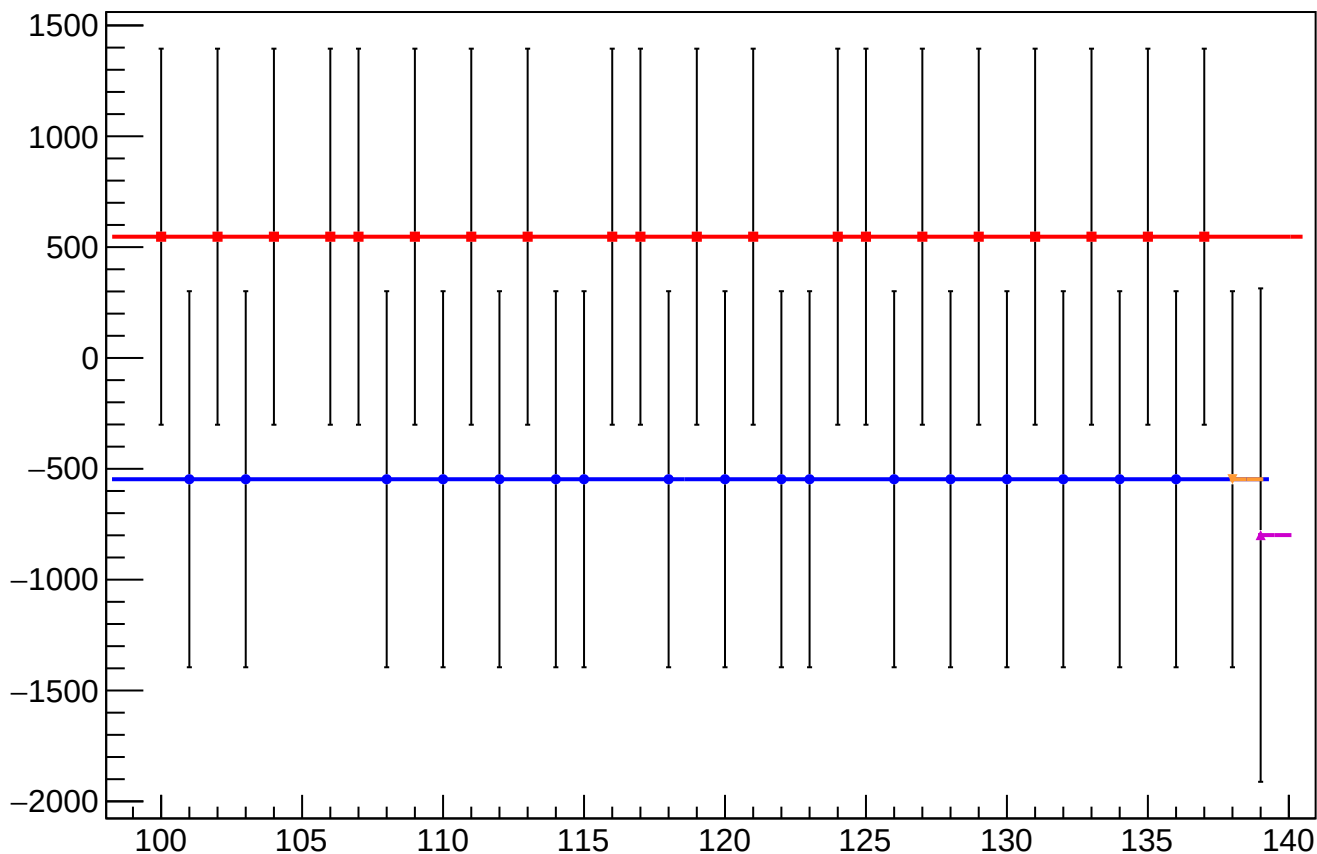
Left In: 1342.227 $\pm$ 1.356 χ^2 /NDF: 0.0/0

1332.057 $\pm$ 0.354 χ^2 /NDF: 603570.6/17

1328.093 $\pm$ 0.248 χ^2 /NDF: 998537.9/38

1324.265 $\pm$ 0.348 χ^2 /NDF: 394720.5/20

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: -546.996 $\pm$ 205.710 χ^2 /NDF: 0.0/16

Left Out: -546.996 $\pm$ 848.163 χ^2 /NDF: 0.0/0

Right Out: 546.996 $\pm$ 189.655 χ^2 /NDF: 0.0/19

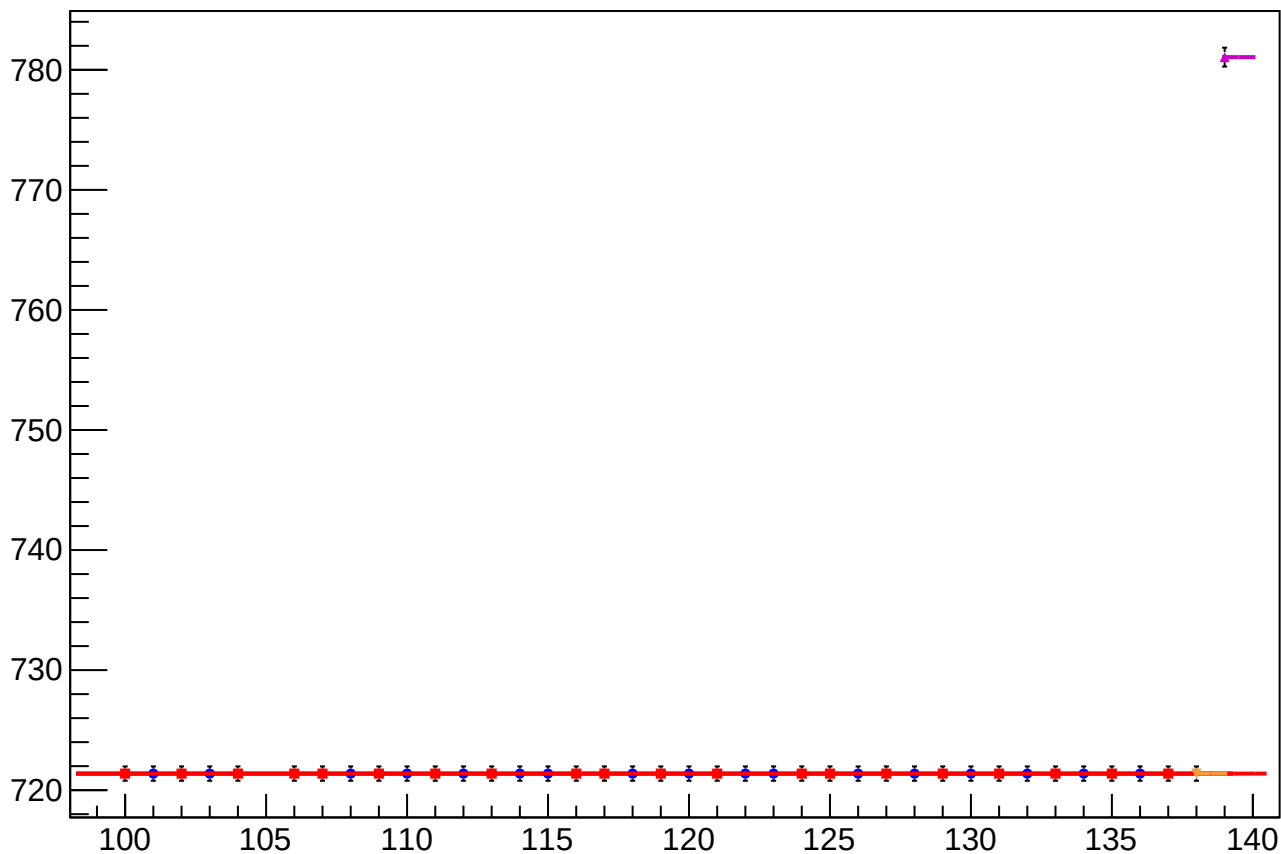
Left In: -798.932 $\pm$ 1112.871 χ^2 /NDF: 0.0/0

-546.996 $\pm$ 199.914 χ^2 /NDF: 0.0/17

16.327 $\pm$ 136.550 χ^2 /NDF: 16.3/38

509.009 $\pm$ 186.959 χ^2 /NDF: 1.4/20

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 721.380 $\pm$ 0.145 χ^2 /NDF: 0.0/16

Left Out: 721.380 $\pm$ 0.600 χ^2 /NDF: 0.0/0

Right Out: 721.380 $\pm$ 0.134 χ^2 /NDF: 0.0/19

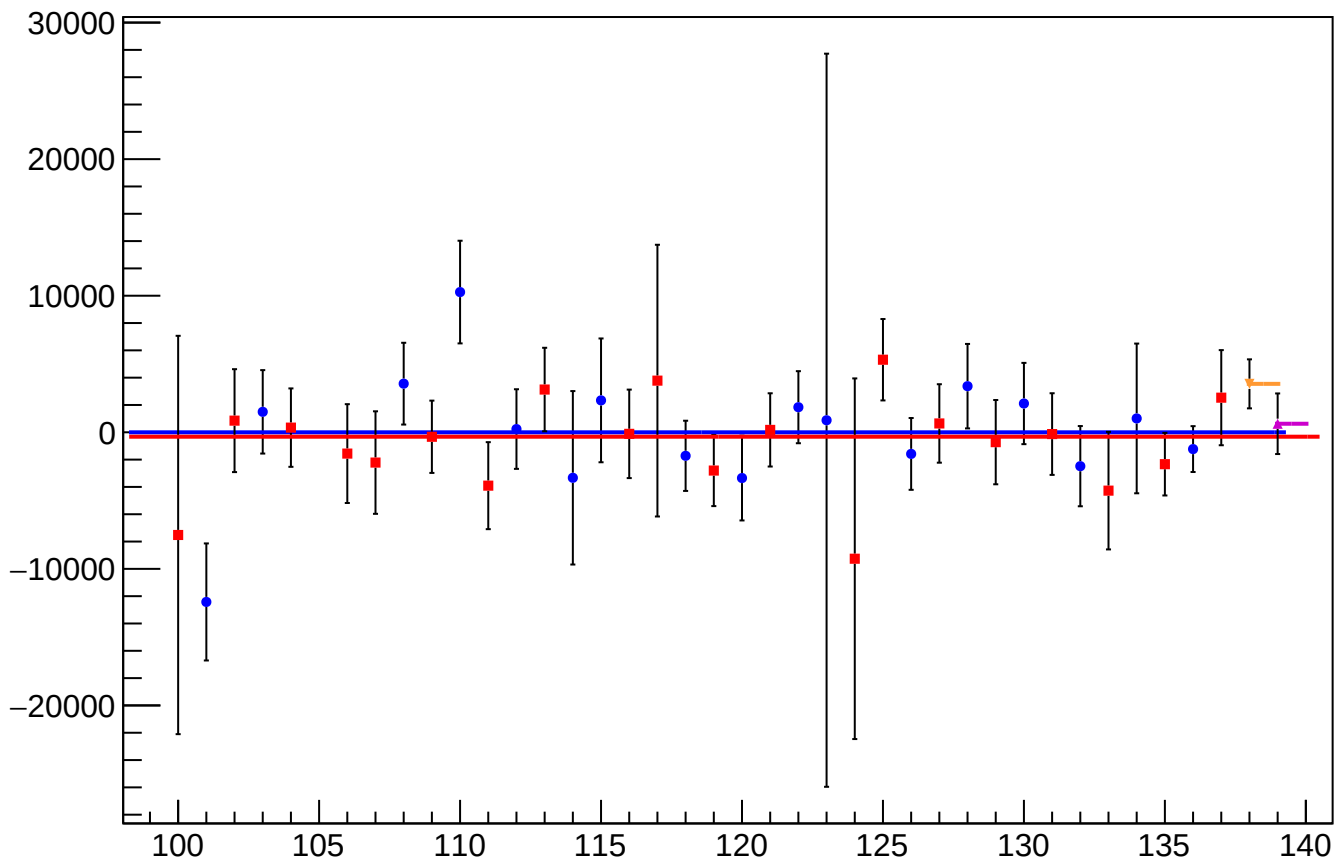
Left In: 781.059 $\pm$ 0.787 χ^2 /NDF: 0.0/0

721.380 $\pm$ 0.141 χ^2 /NDF: 0.0/17

722.279 $\pm$ 0.097 χ^2 /NDF: 5664.8/38

723.065 $\pm$ 0.132 χ^2 /NDF: 5589.0/20

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: -322.815 ± 731.735 χ^2/NDF : 10.9/19

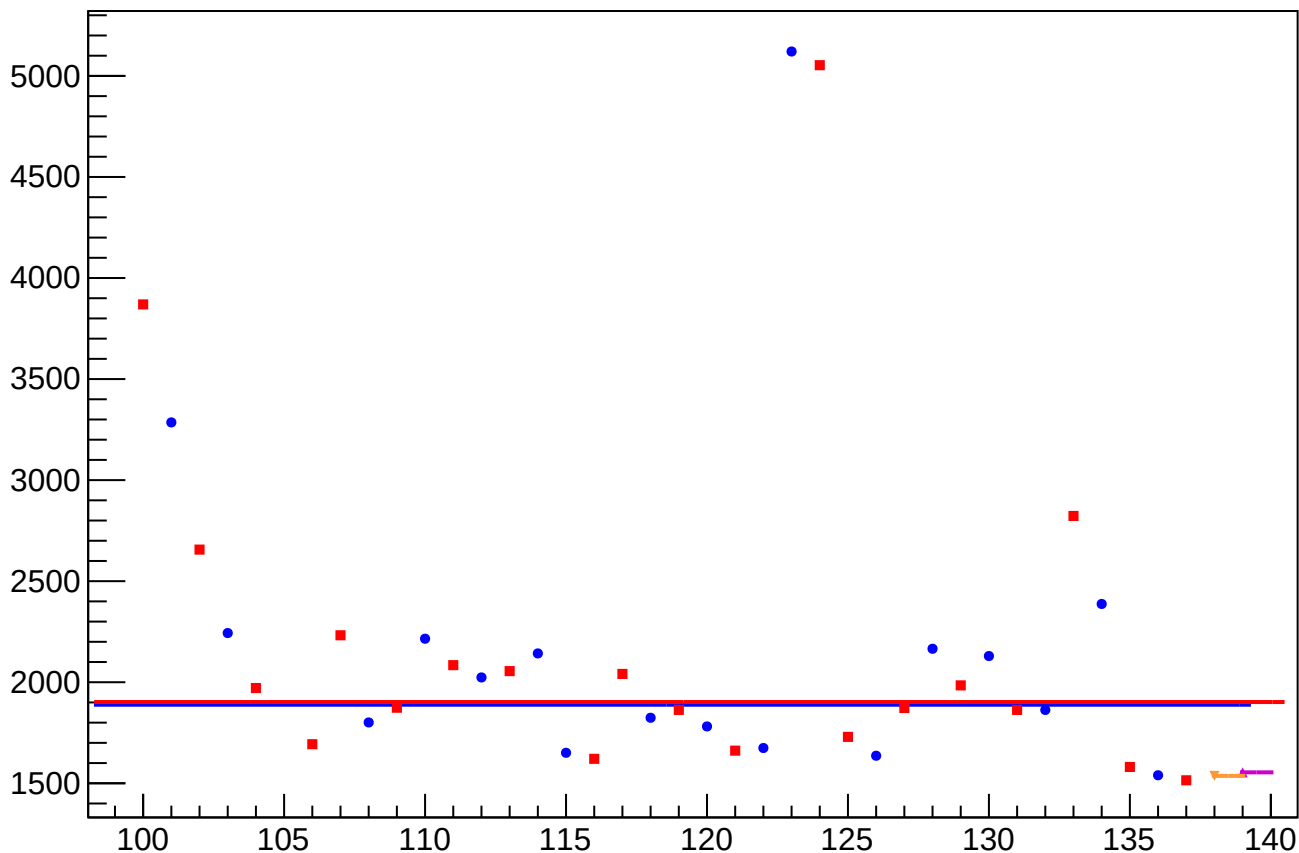
Left In: 625.724 ± 2218.456 χ^2/NDF : 0.0/0

519.450 ± 688.126 χ^2/NDF : 26.8/17

148.528 ± 488.959 χ^2/NDF : 38.5/38

-229.745 ± 694.910 χ^2/NDF : 11.0/20

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.810 $\pm$ 0.527 χ^2 /NDF: 465842.8/16

Left Out: 1536.560 $\pm$ 1.269 χ^2 /NDF: 0.0/0

Right Out: 1902.004 $\pm$ 0.517 χ^2 /NDF: 461817.0/19

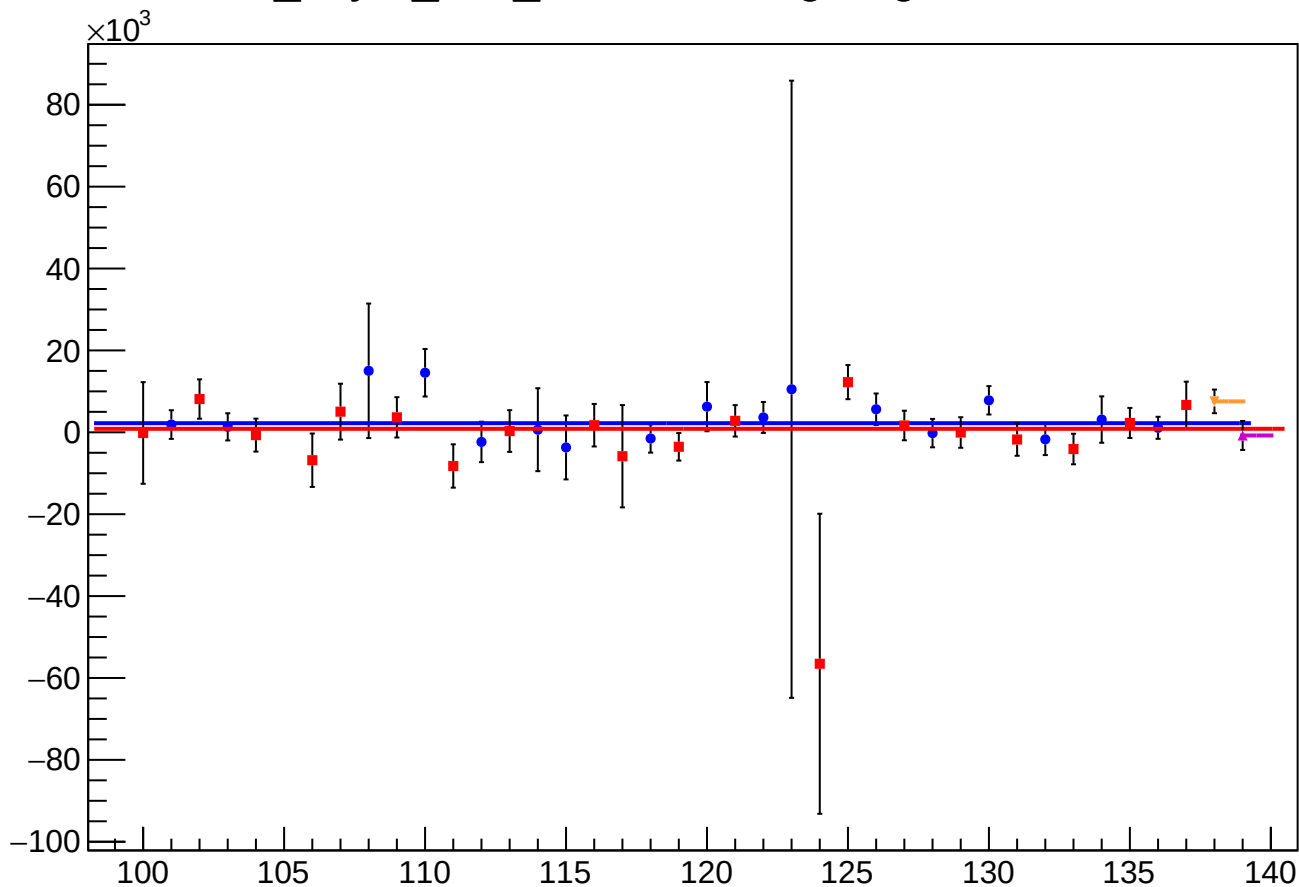
Left In: 1554.076 $\pm$ 1.569 χ^2 /NDF: 0.0/0

1837.032 $\pm$ 0.487 χ^2 /NDF: 531555.4/17

1852.298 $\pm$ 0.346 χ^2 /NDF: 1039727.5/38

1867.867 $\pm$ 0.491 χ^2 /NDF: 506183.9/20

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 7551.719 $\pm$ 2885.555 χ^2 /NDF: 0.0/0

Right Out: 860.748 $\pm$ 1043.221 χ^2 /NDF: 23.2/19

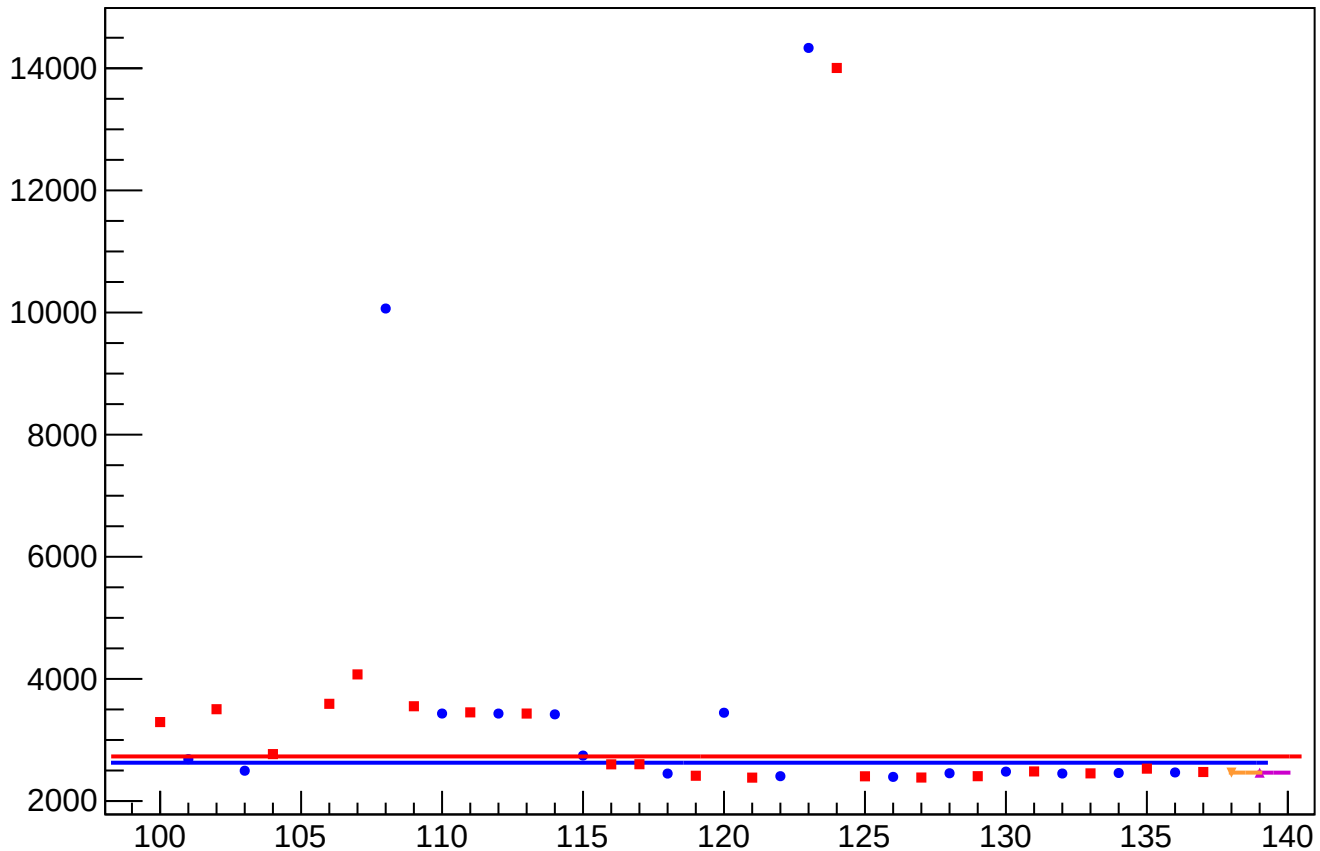
Left In: -773.490 $\pm$ 3529.889 χ^2 /NDF: 0.0/0

2838.876 $\pm$ 977.800 χ^2 /NDF: 16.6/17

1808.318 $\pm$ 699.278 χ^2 /NDF: 42.2/38

729.474 $\pm$ 1000.445 χ^2 /NDF: 23.4/20

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: 2730.377 ± 0.738 χ^2/NDF : 598416.7/19

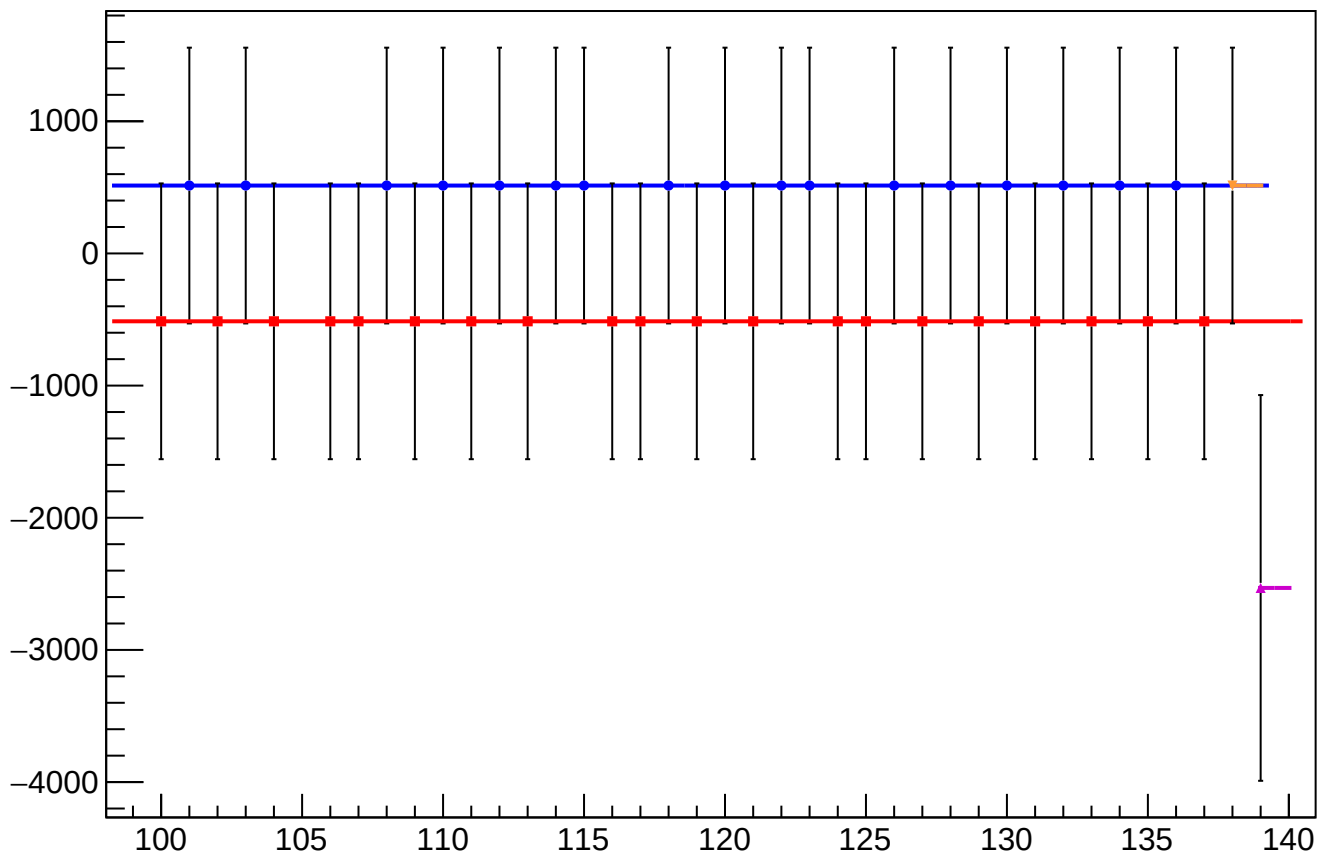
Left In: 2464.765 ± 2.496 χ^2/NDF : 0.0/0

2608.985 ± 0.691 χ^2/NDF : 649966.4/17

2657.868 ± 0.494 χ^2/NDF : 1269028.7/38

2709.041 ± 0.707 χ^2/NDF : 608831.1/20

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 513.556 $\pm$ 253.035 χ^2/NDF : 0.0/16

Left Out: 513.556 $\pm$ 1043.290 χ^2/NDF : 0.0/0

Right Out: -513.556 $\pm$ 233.287 χ^2/NDF : 0.0/19

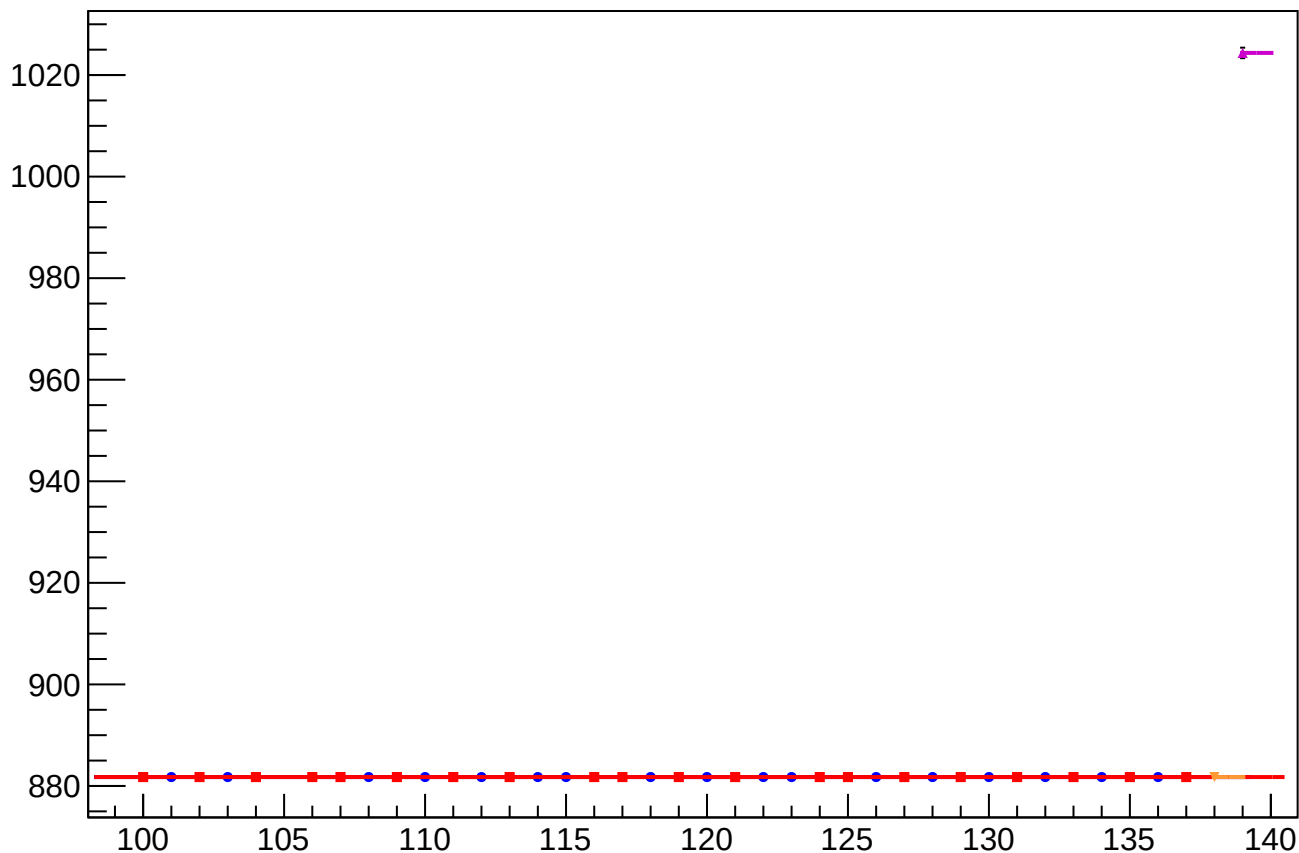
Left In: -2530.979 $\pm$ 1459.278 χ^2/NDF : 0.0/0

513.556 $\pm$ 245.906 χ^2/NDF : 0.0/17

-60.263 $\pm$ 168.117 χ^2/NDF : 12.1/38

-563.830 $\pm$ 230.362 χ^2/NDF : 1.9/20

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 881.756+/-0.179 χ^2/NDF : 0.0/16

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

Right Out: 881.756+/-0.165 χ^2/NDF : 0.0/19

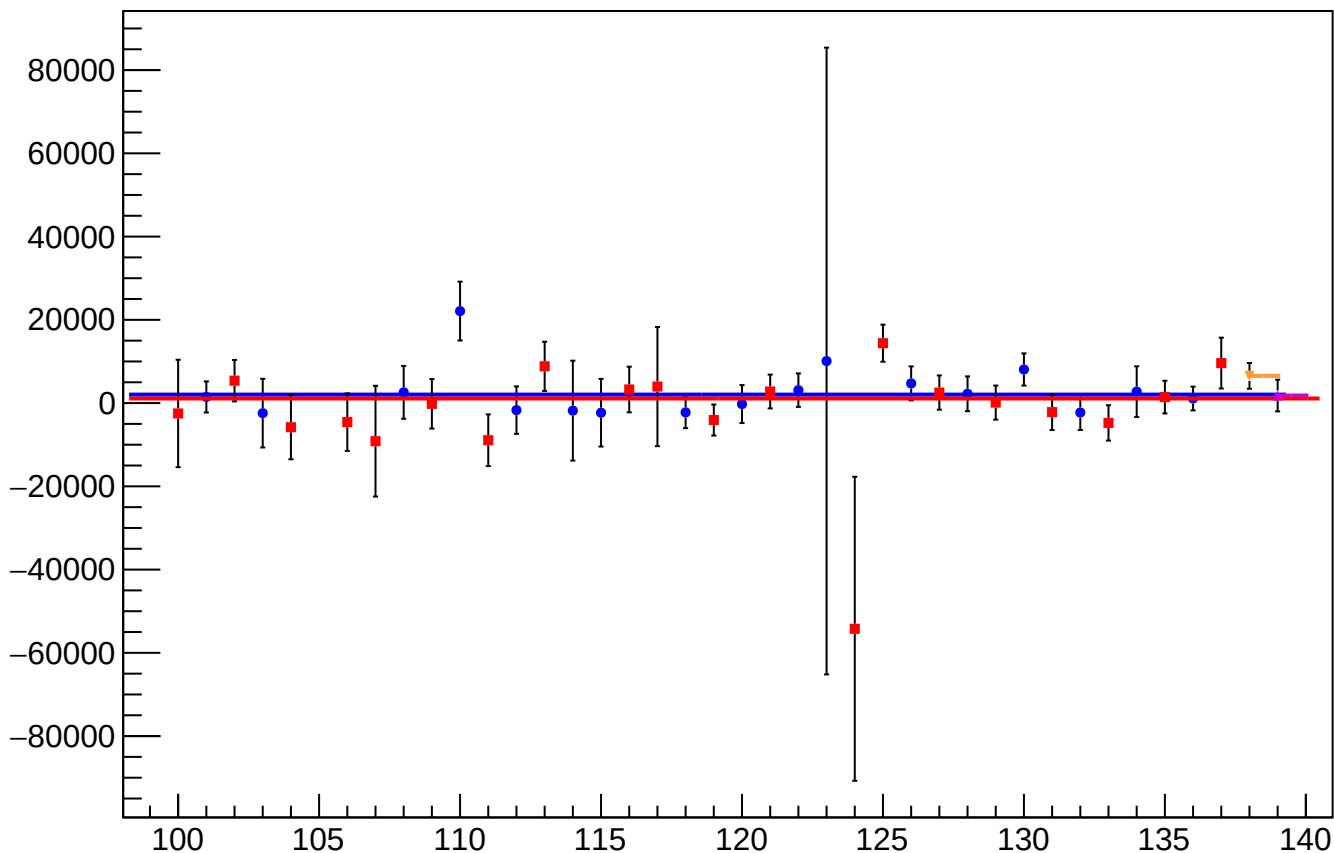
Left In: 1024.360+/-1.032 χ^2/NDF : 0.0/0

881.756+/-0.174 χ^2/NDF : 0.0/17

883.649+/-0.119 χ^2/NDF : 18845.8/38

885.310+/-0.163 χ^2/NDF : 18623.3/20

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: 1099.827+/-1182.612 χ^2/NDF : 25.4/19

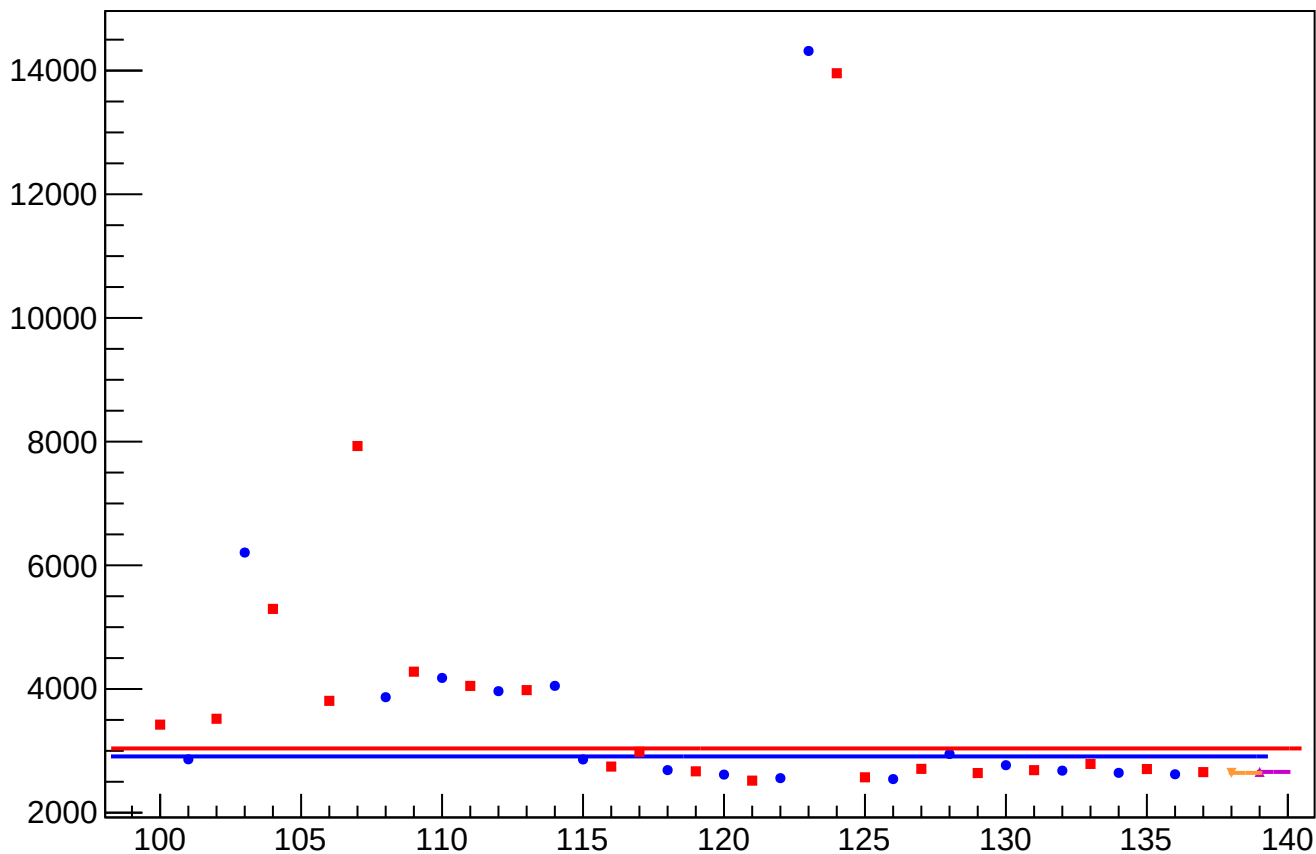
Left In: 1817.146+/-3807.659 χ^2/NDF : 0.0/0

2586.322+/-1079.105 χ^2/NDF : 16.7/17

1907.022+/-780.215 χ^2/NDF : 42.9/38

1162.935+/-1129.393 χ^2/NDF : 25.4/20

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732 $\pm$ 0.814 χ^2 /NDF: 641894.7/16

Left Out: 2643.702 $\pm$ 2.188 χ^2 /NDF: 0.0/0

Right Out: 3038.742 $\pm$ 0.836 χ^2 /NDF: 1011336.0/19

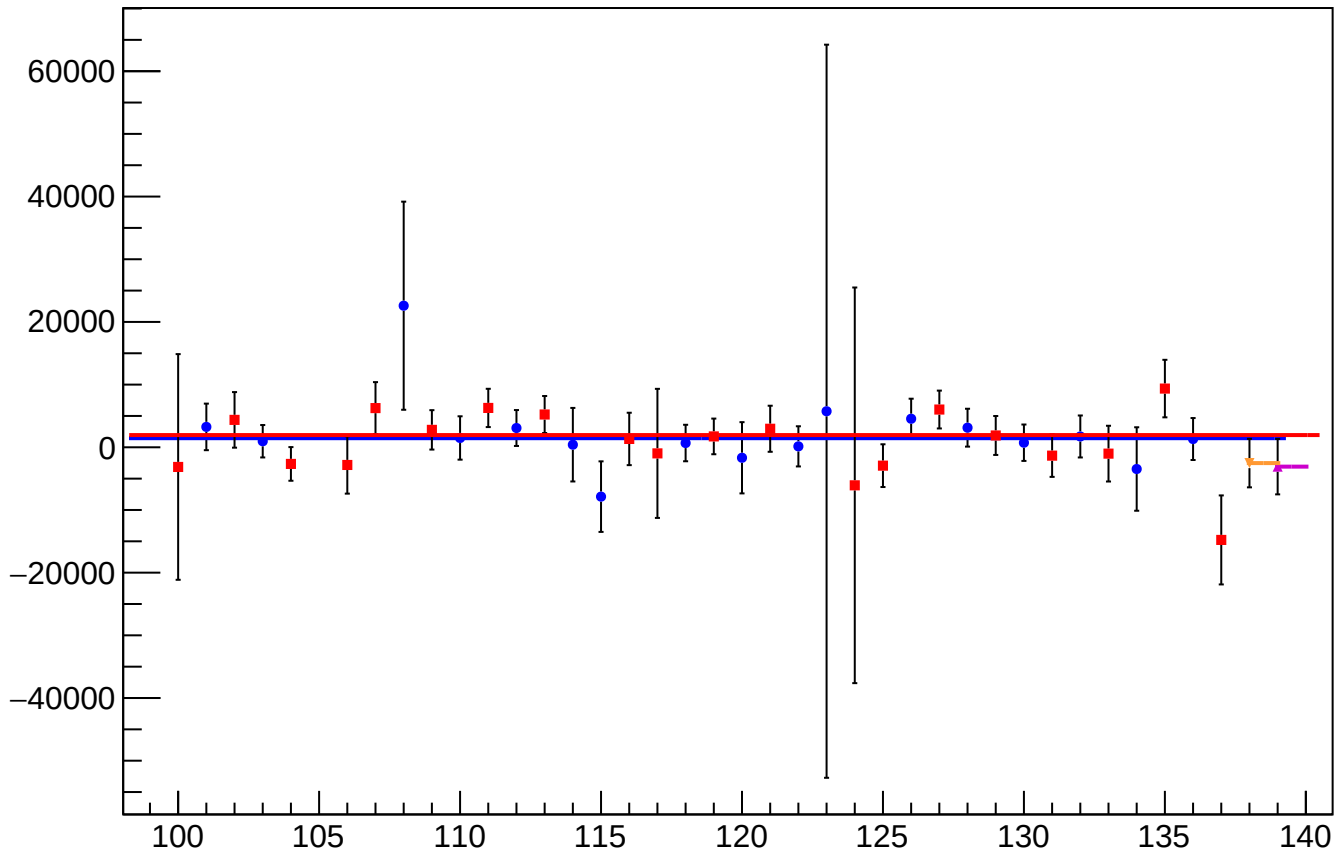
Left In: 2659.333 $\pm$ 2.692 χ^2 /NDF: 0.0/0

2877.366 $\pm$ 0.763 χ^2 /NDF: 654884.0/17

2938.451 $\pm$ 0.552 χ^2 /NDF: 1697759.2/38

3005.362 $\pm$ 0.799 χ^2 /NDF: 1029446.6/20

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: 1949.252+/-847.604 χ^2/NDF : 22.5/19

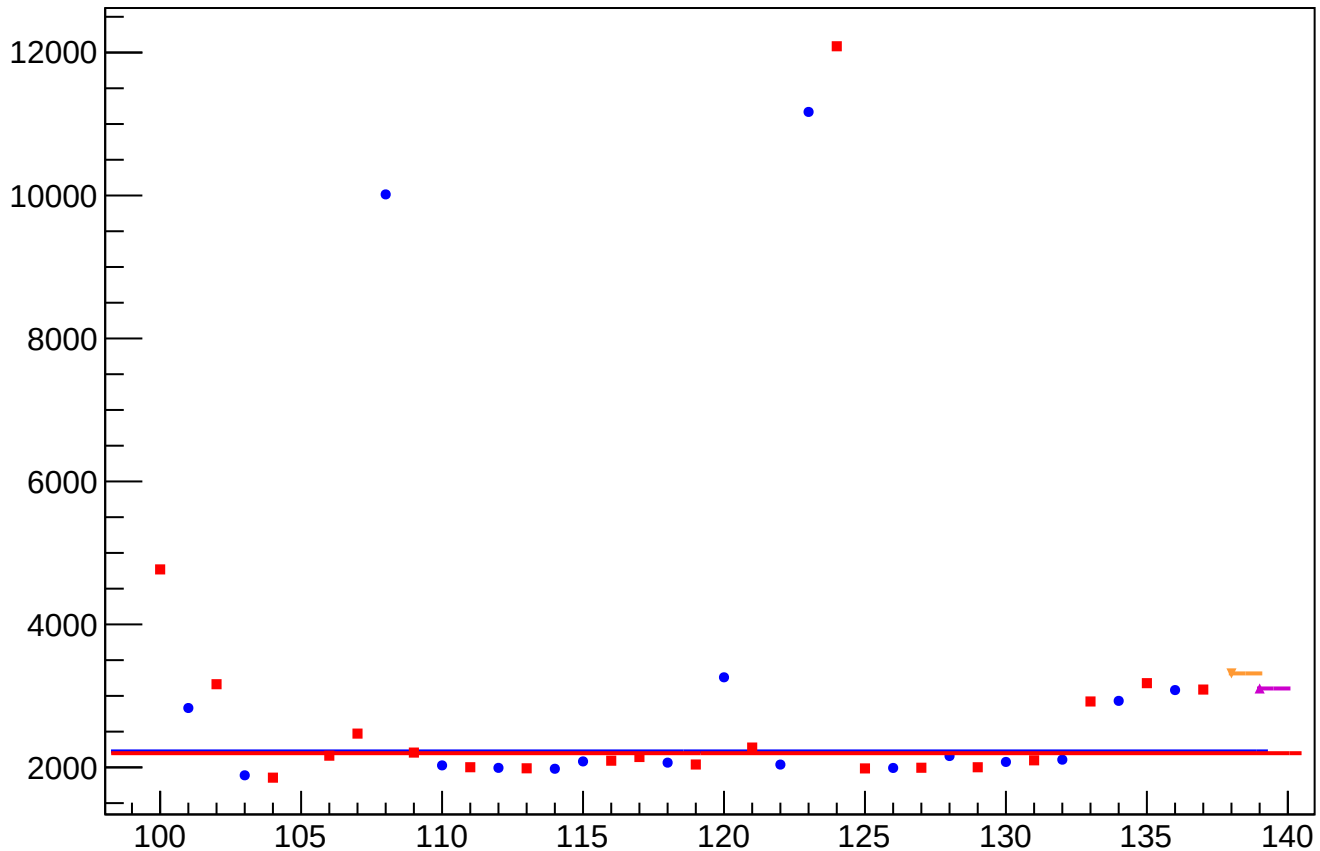
Left In: -3085.507+/-4424.642 χ^2/NDF : 0.0/0

1252.961+/-866.451 χ^2/NDF : 8.4/17

1522.356+/-600.298 χ^2/NDF : 32.3/38

1771.032+/-832.467 χ^2/NDF : 23.7/20

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132 $\pm$ 0.629 χ^2 /NDF: 850289.4/16

Left Out: 3314.329 $\pm$ 2.737 χ^2 /NDF: 0.0/0

Right Out: 2198.396 $\pm$ 0.599 χ^2 /NDF: 602472.3/19

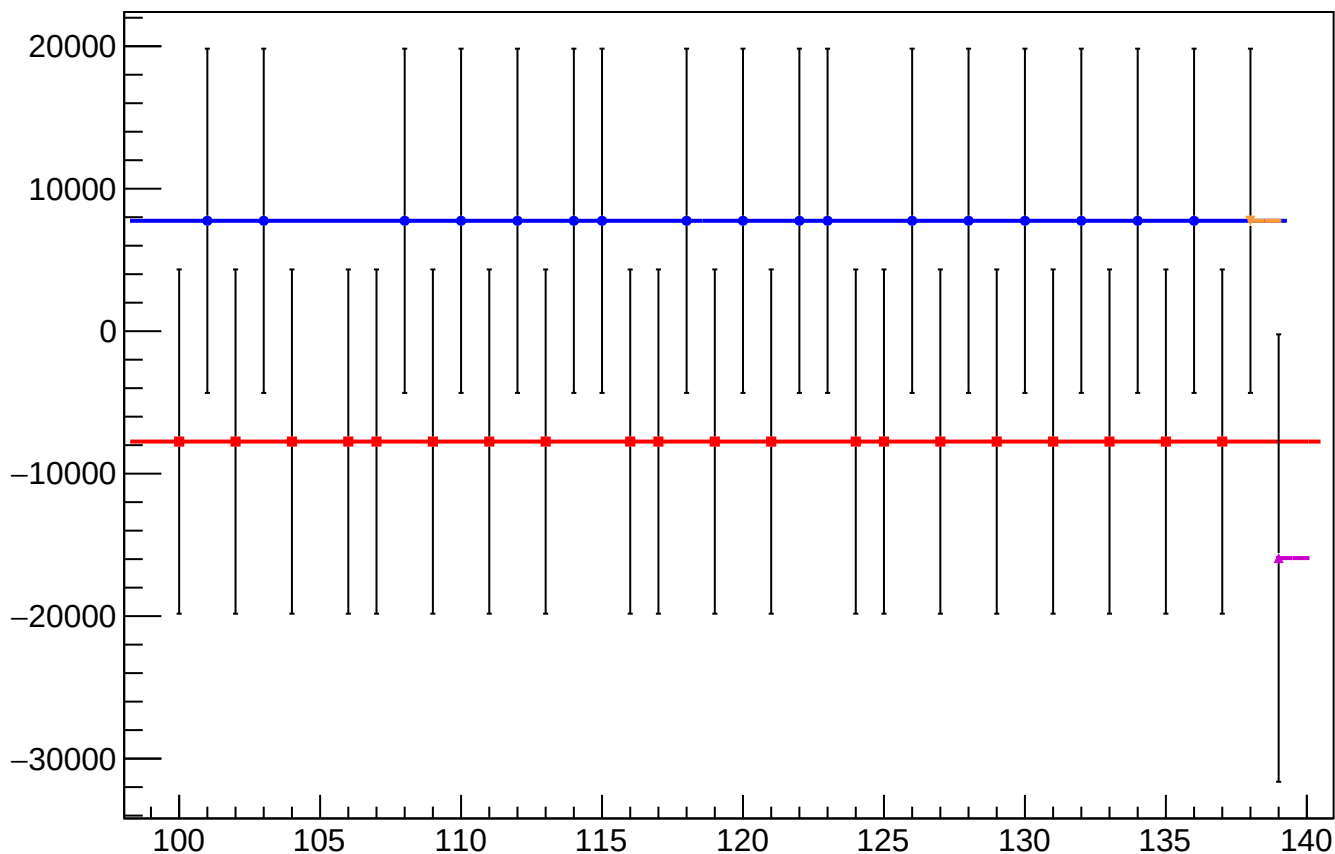
Left In: 3103.815 $\pm$ 3.129 χ^2 /NDF: 0.0/0

2277.803 $\pm$ 0.613 χ^2 /NDF: 1001257.5/17

2253.138 $\pm$ 0.424 χ^2 /NDF: 1687632.0/38

2230.401 $\pm$ 0.588 χ^2 /NDF: 683259.7/20

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 7747.732 $\pm$ 2930.043 χ^2 /NDF: 0.0/16

Left Out: 7747.732 $\pm$ 12080.875 χ^2 /NDF: 0.0/0

Right Out: -7747.732 $\pm$ 2701.366 χ^2 /NDF: 0.0/19

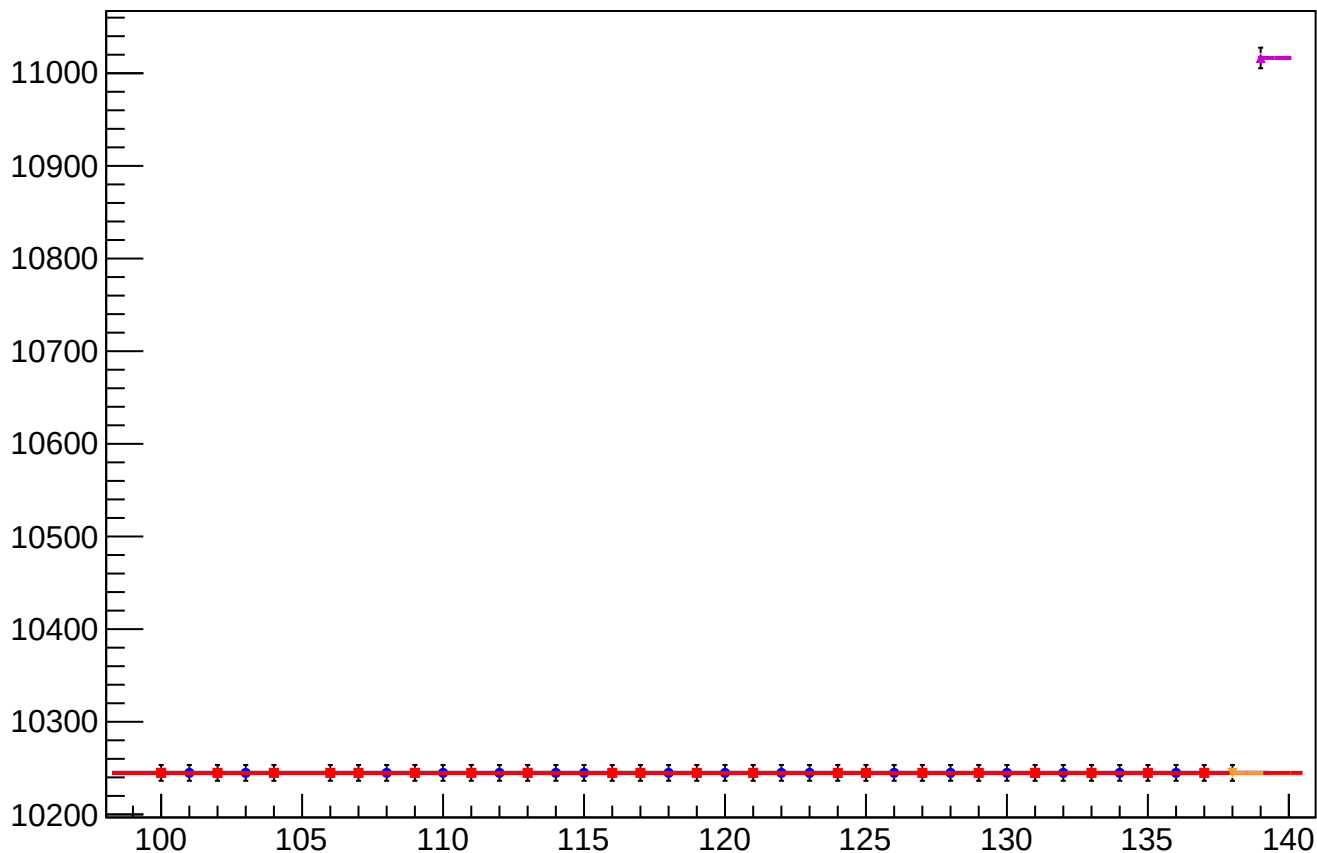
Left In: -15925.315 $\pm$ 15702.593 χ^2 /NDF: 0.0/0

7747.732 $\pm$ 2847.490 χ^2 /NDF: 0.0/17

-645.777 $\pm$ 1944.690 χ^2 /NDF: 16.5/38

-7982.794 $\pm$ 2662.258 χ^2 /NDF: 0.3/20

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 10244.850 $\pm$ 2.072 χ^2 /NDF: 0.0/16

Left Out: 10244.850 $\pm$ 8.542 χ^2 /NDF: 0.0/0

Right Out: 10244.850 $\pm$ 1.910 χ^2 /NDF: 0.0/19

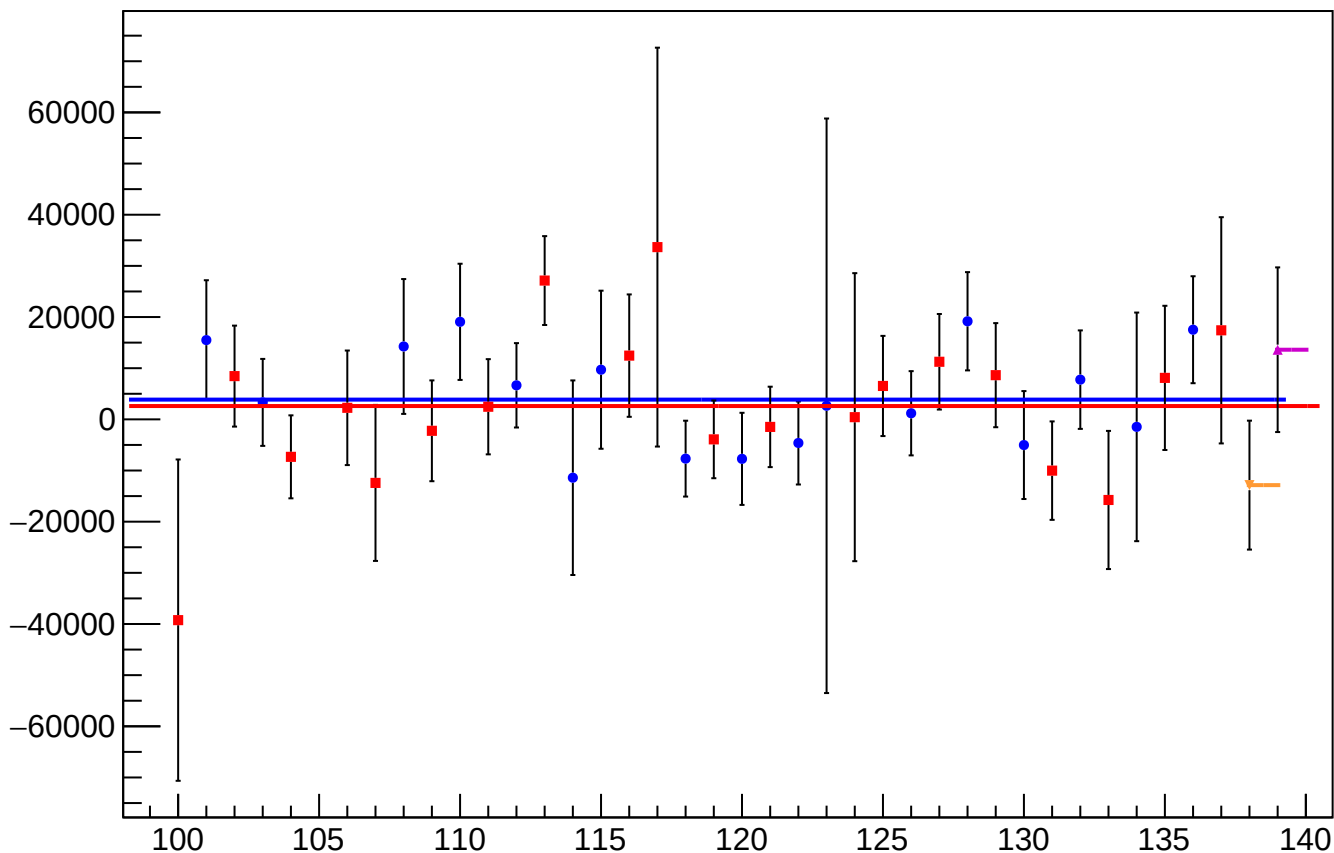
Left In: 11016.494 $\pm$ 11.103 χ^2 /NDF: 0.0/0

10244.850 $\pm$ 2.013 χ^2 /NDF: 0.0/17

10256.686 $\pm$ 1.375 χ^2 /NDF: 4755.6/38

10267.031 $\pm$ 1.883 χ^2 /NDF: 4690.9/20

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: 2602.758+/-2416.653 χ^2/NDF : 20.7/19

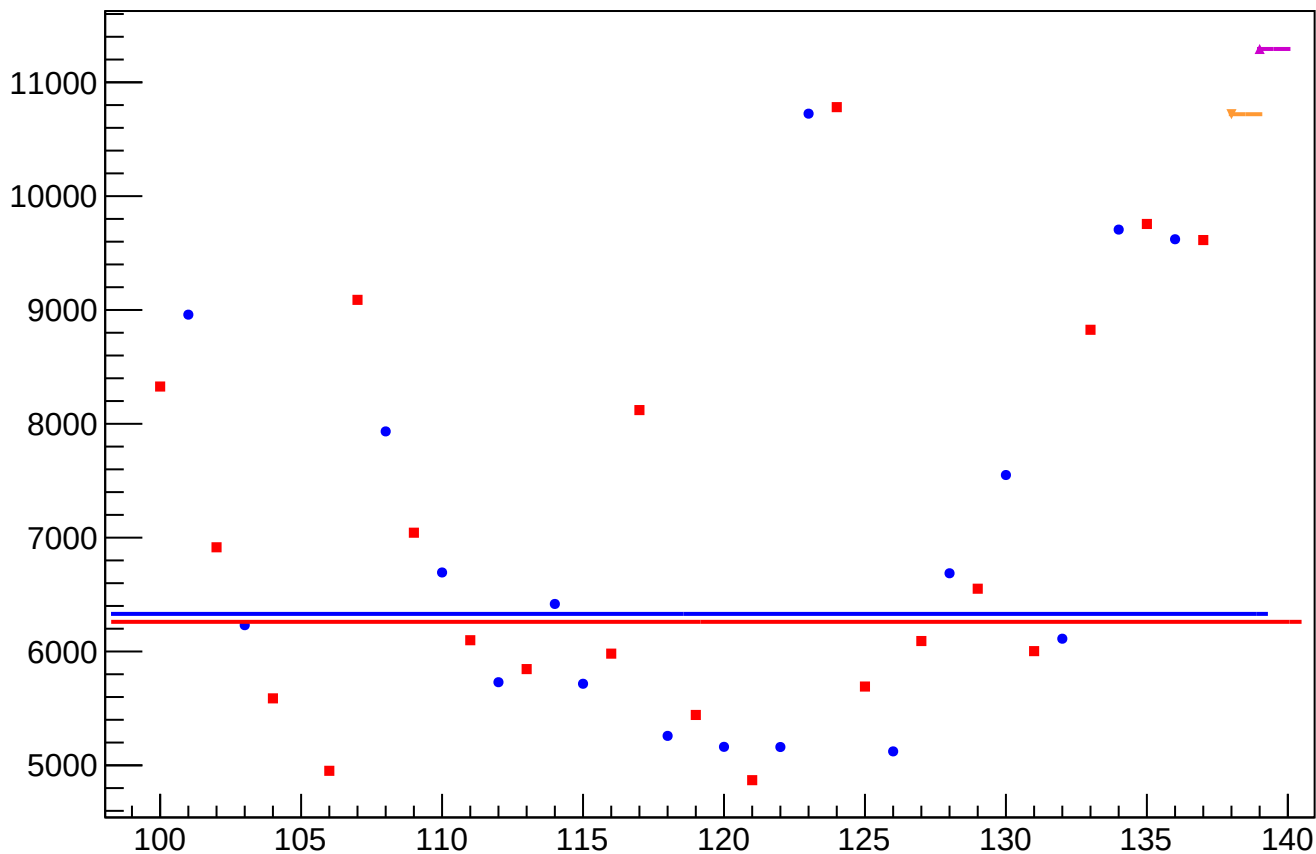
Left In: 13611.538+/-16094.259 χ^2/NDF : 0.0/0

3222.586+/-2460.493 χ^2/NDF : 16.5/17

3028.552+/-1714.314 χ^2/NDF : 37.6/38

2845.498+/-2389.861 χ^2/NDF : 21.1/20

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: 6260.505+/-1.709 χ^2/NDF : 539926.4/19

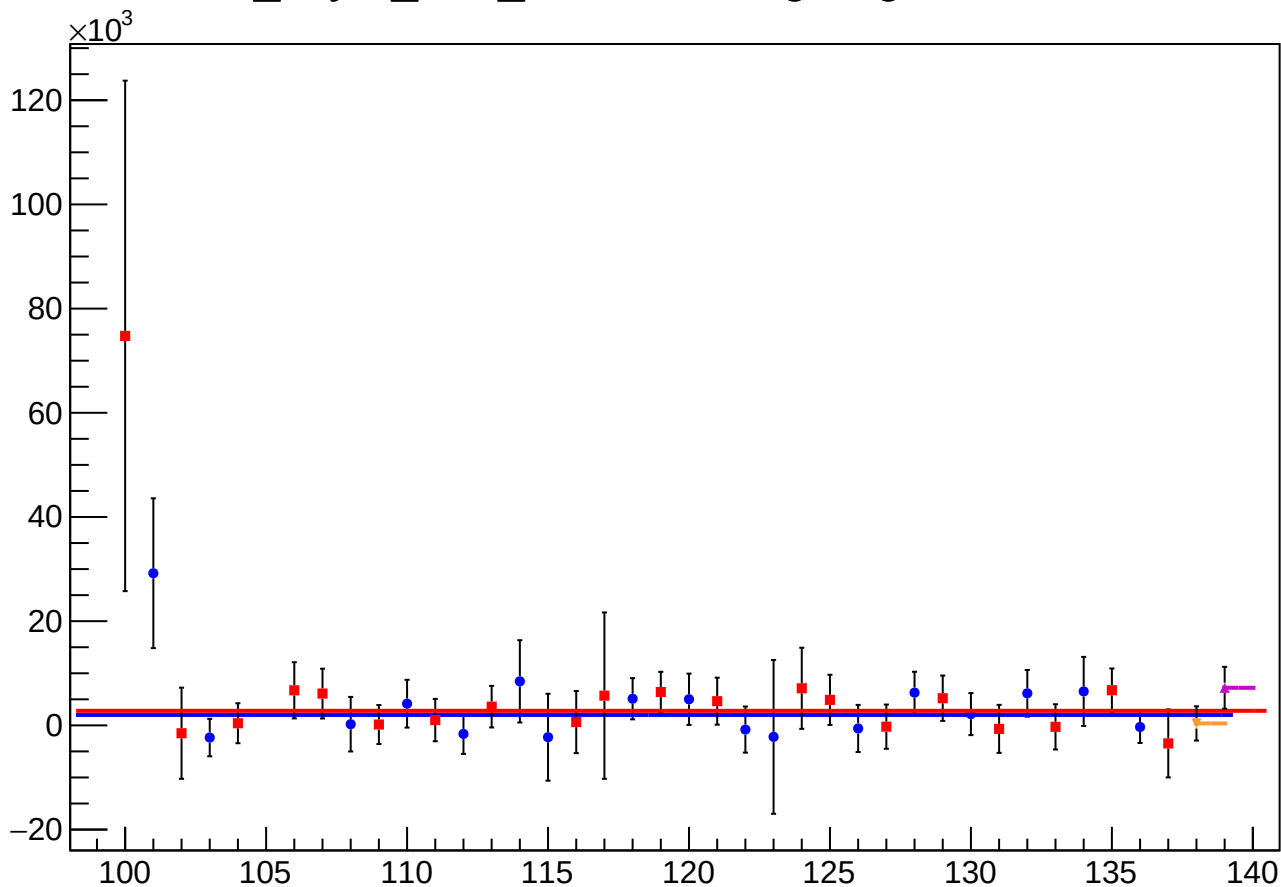
Left In: 11292.890+/-11.380 χ^2/NDF : 0.0/0

6497.643+/-1.740 χ^2/NDF : 826823.6/17

6432.711+/-1.212 χ^2/NDF : 1560685.6/38

6371.458+/-1.690 χ^2/NDF : 731155.3/20

dit_asym_atr1_mean vs Slug, Sign Corrected



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

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

Right Out: 2794.497+/-1083.659 χ^2/NDF : 9.9/19

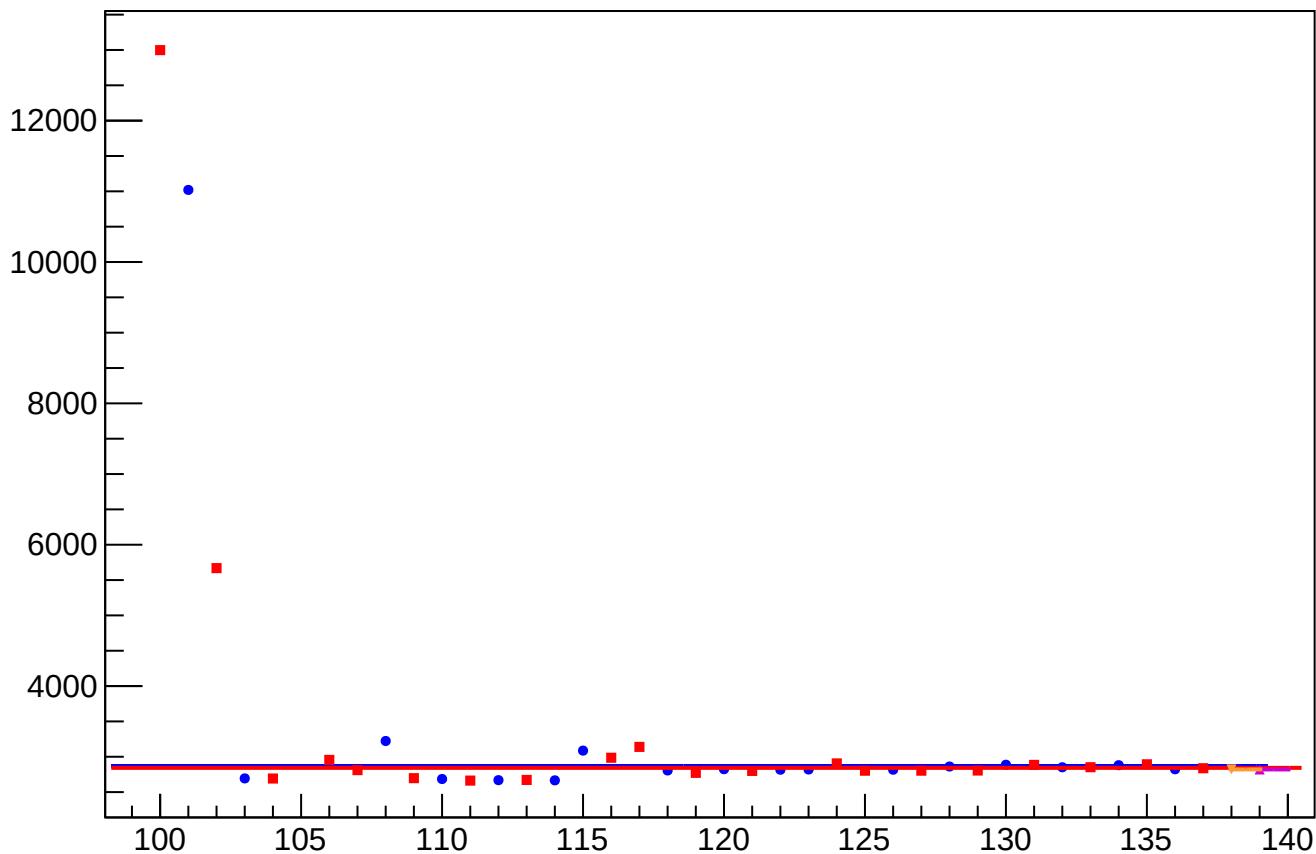
Left In: 7214.186+/-4017.458 χ^2/NDF : 0.0/0

1831.800+/-1072.279 χ^2/NDF : 12.3/17

2478.528+/-748.849 χ^2/NDF : 24.0/38

3094.256+/-1046.265 χ^2/NDF : 11.1/20

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: 2842.934+/-0.766 χ^2/NDF : 313216.9/19

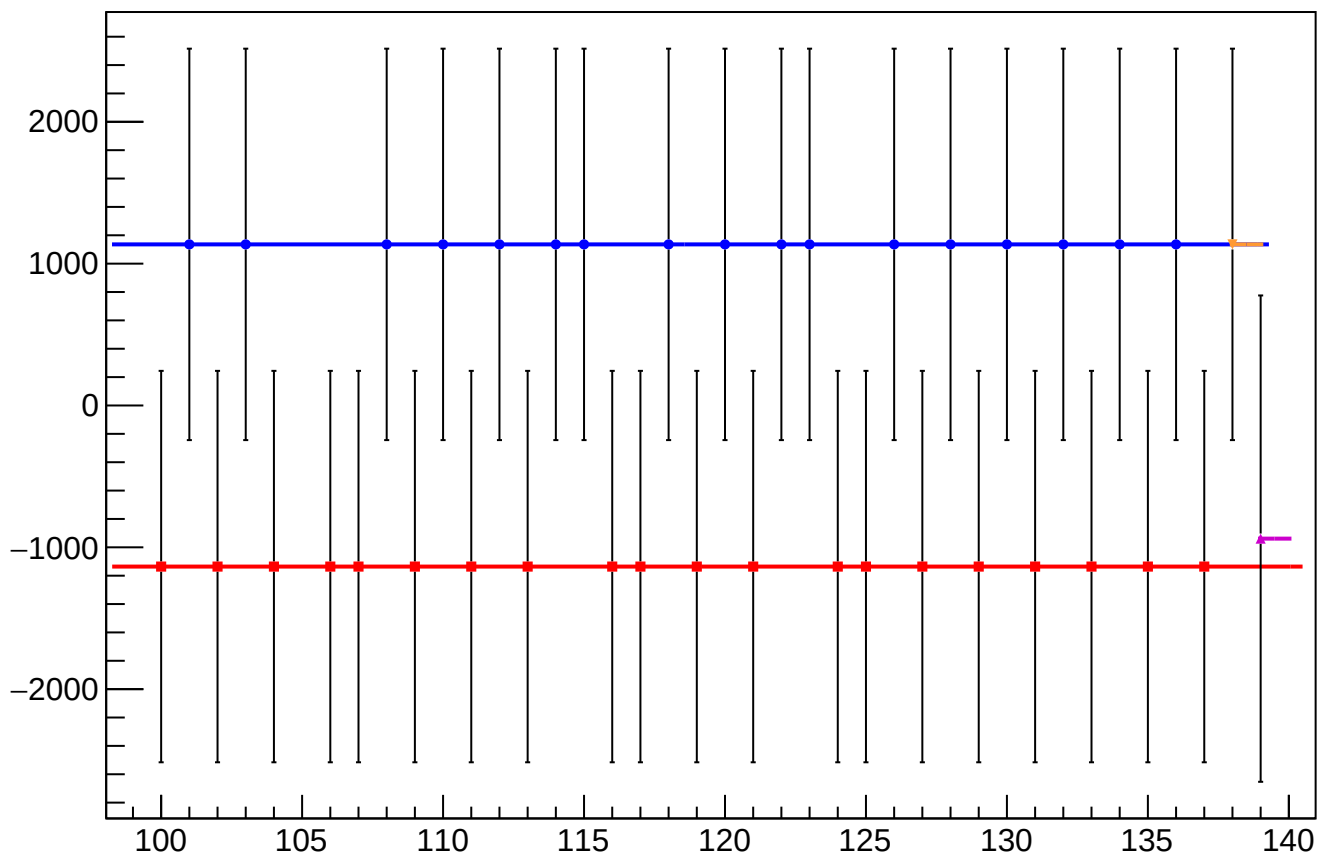
Left In: 2820.646+/-2.841 χ^2/NDF : 0.0/0

2864.076+/-0.758 χ^2/NDF : 670284.1/17

2852.471+/-0.530 χ^2/NDF : 984015.6/38

2841.422+/-0.740 χ^2/NDF : 313274.3/20

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 1135.803 $\pm$ 334.665 χ^2 /NDF: 0.0/16

Left Out: 1135.803 $\pm$ 1379.861 χ^2 /NDF:0.0/0

Right Out: -1135.803 $\pm$ 308.546 χ^2 /NDF: 0.0/19

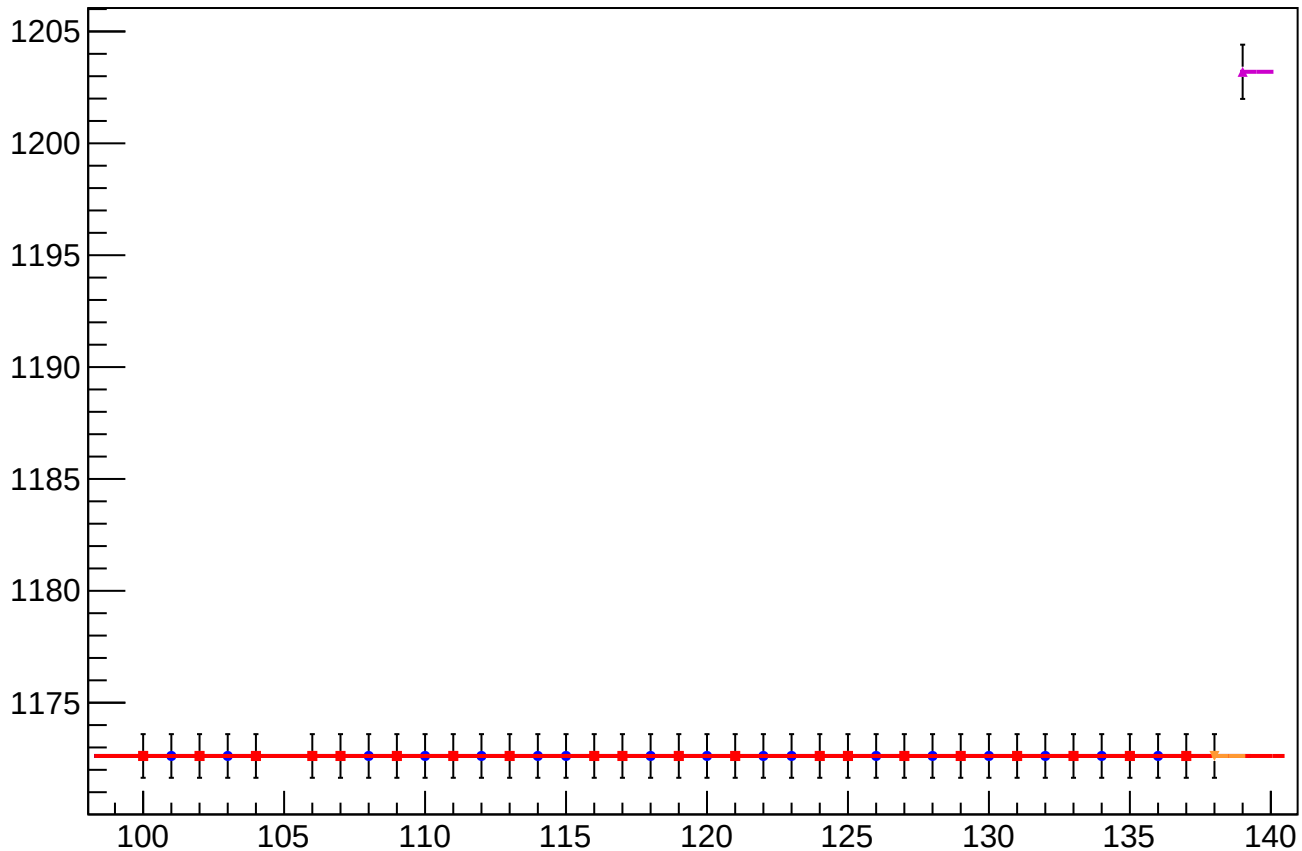
Left In: -938.746 $\pm$ 1714.463 χ^2 /NDF:0.0/0

1135.803 $\pm$ 325.236 χ^2 /NDF: 0.0/17

-74.511 $\pm$ 221.959 χ^2 /NDF: 25.9/38

-1129.621 $\pm$ 303.668 χ^2 /NDF: 0.0/20

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 1172.619 $\pm$ 0.237 χ^2 /NDF: 0.0/16

Left Out: 1172.619 $\pm$ 0.976 χ^2 /NDF: 0.0/0

Right Out: 1172.619 $\pm$ 0.218 χ^2 /NDF: 0.0/19

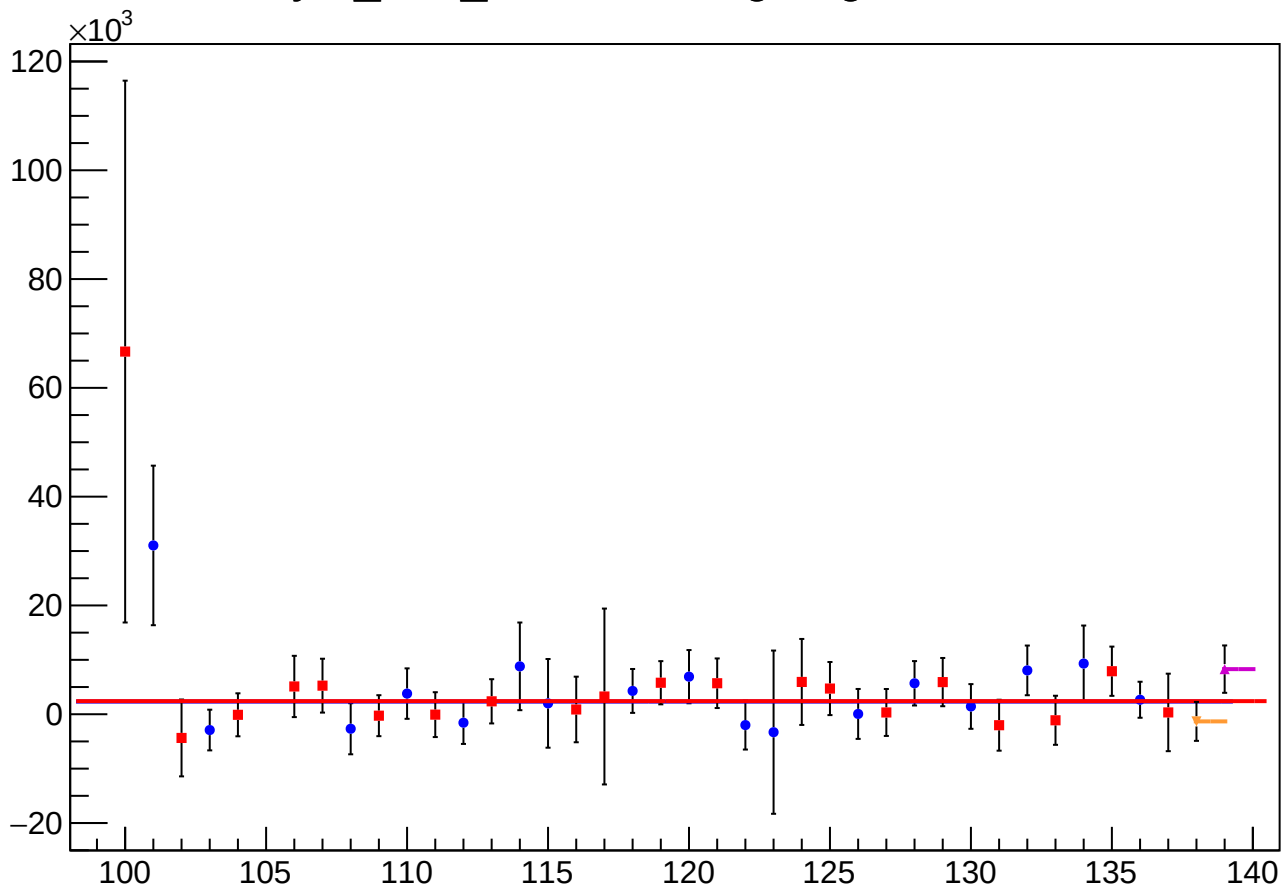
Left In: 1203.197 $\pm$ 1.212 χ^2 /NDF: 0.0/0

1172.619 $\pm$ 0.230 χ^2 /NDF: 0.0/17

1173.132 $\pm$ 0.157 χ^2 /NDF: 625.5/38

1173.579 $\pm$ 0.215 χ^2 /NDF: 616.2/20

asym_atr1_mean vs Slug, Sign Corrected



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

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

Right Out: 2407.761+/-1107.485 χ^2/NDF : 10.1/19

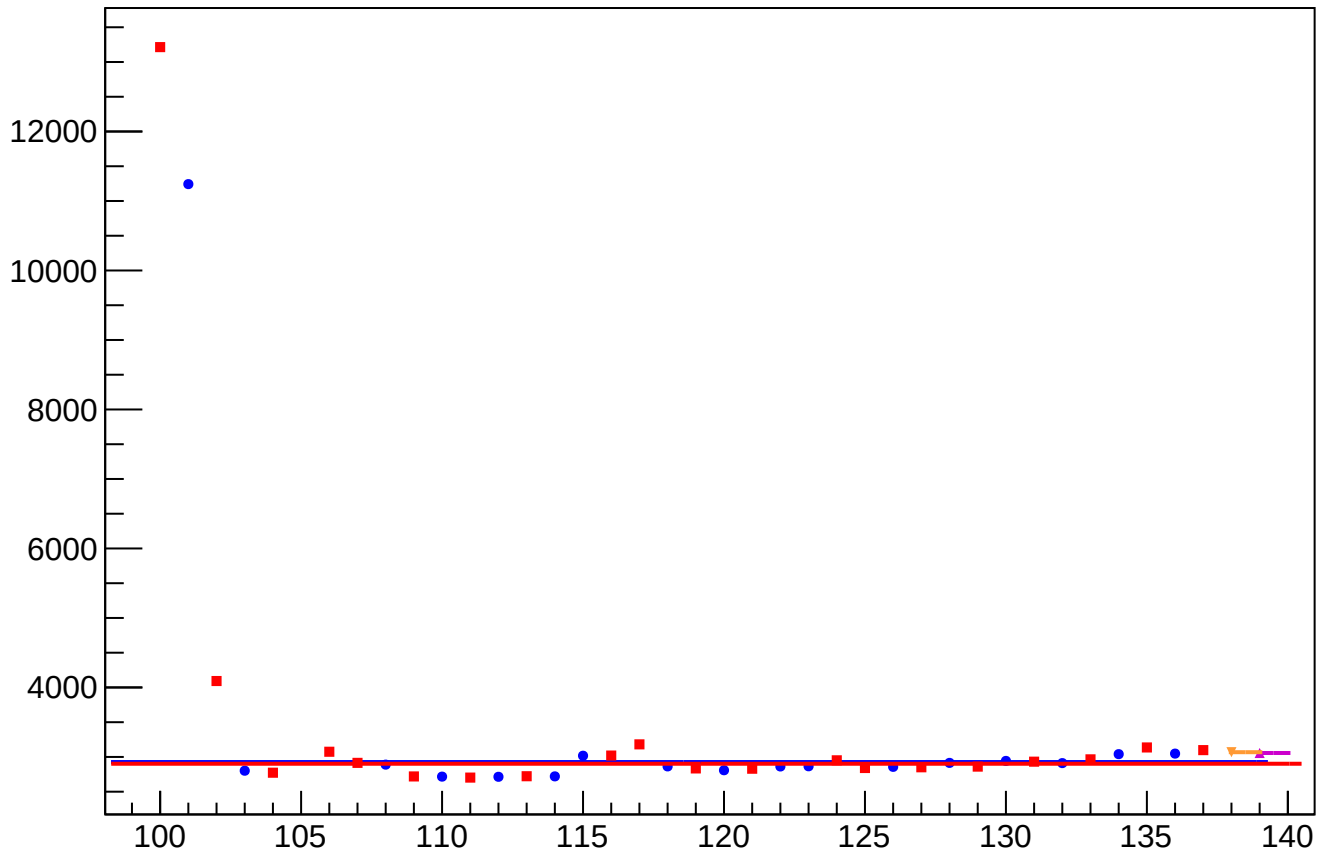
Left In: 8292.167+/-4354.102 χ^2/NDF : 0.0/0

1985.174+/-1100.499 χ^2/NDF : 15.3/17

2385.007+/-768.377 χ^2/NDF : 27.4/38

2765.326+/-1073.310 χ^2/NDF : 11.8/20

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: 2902.143+/-0.783 χ^2/NDF : 170465.3/19

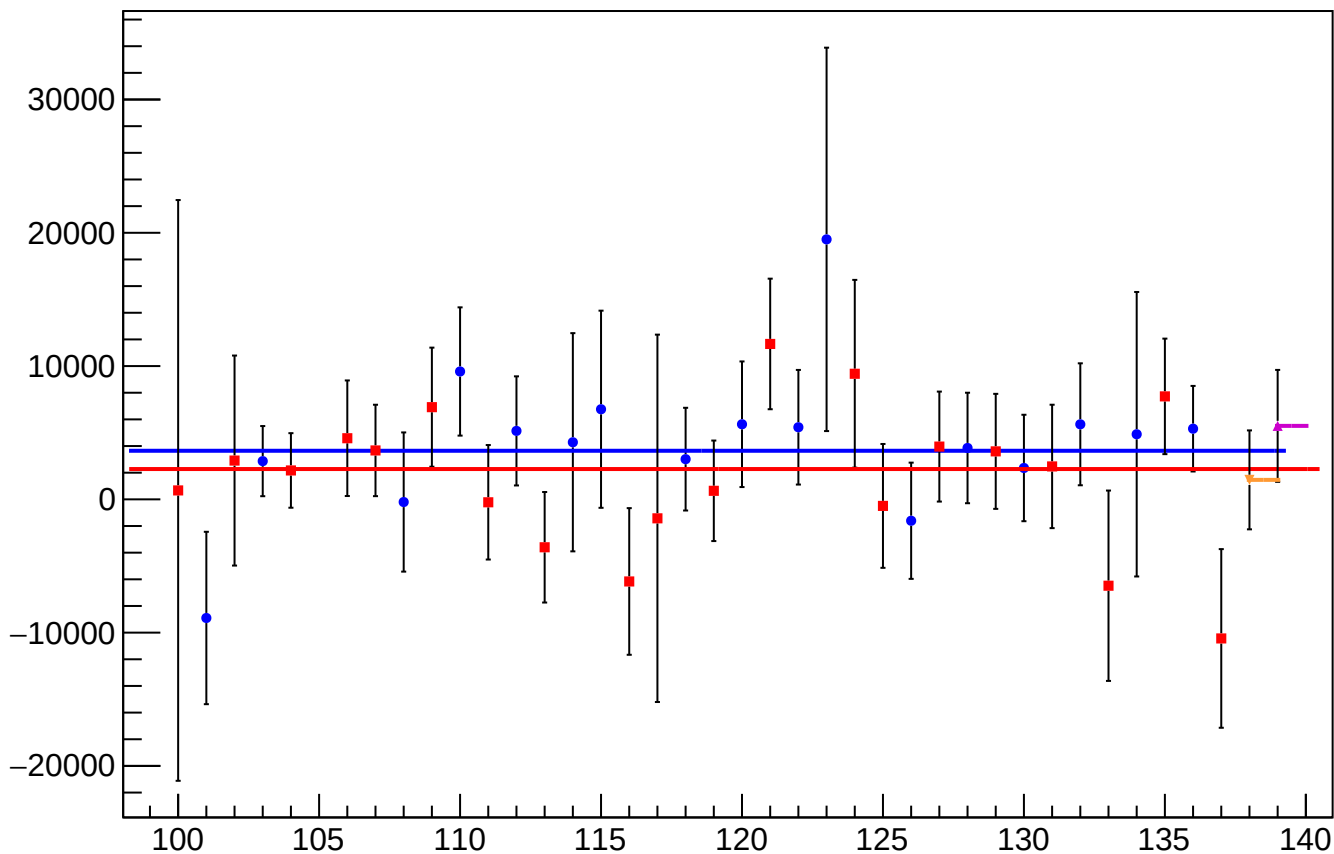
Left In: 3056.970+/-3.079 χ^2/NDF : 0.0/0

2940.019+/-0.778 χ^2/NDF : 665636.6/17

2925.429+/-0.543 χ^2/NDF : 839163.0/38

2911.551+/-0.759 χ^2/NDF : 172840.5/20

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: 2274.510+/-1043.858 χ^2/NDF : 18.5/19

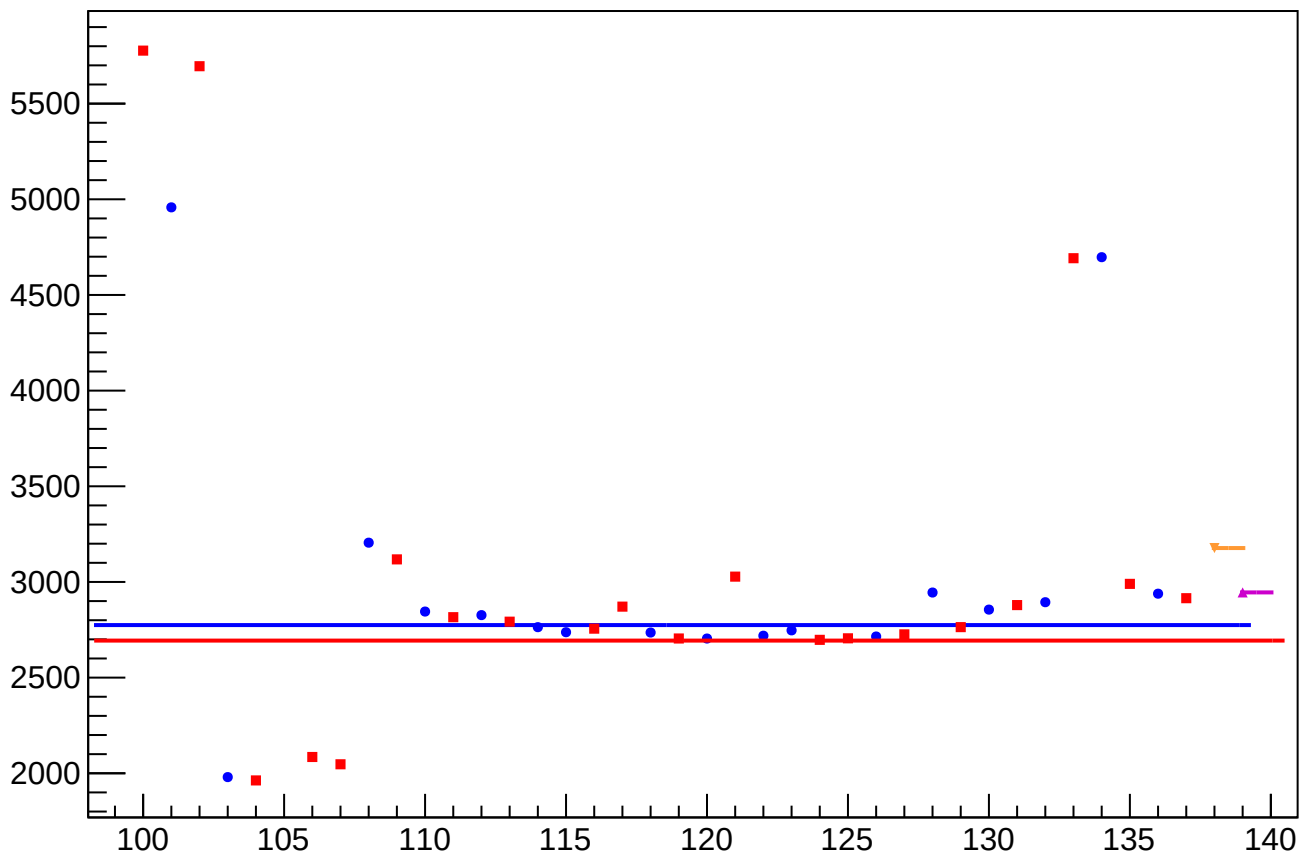
Left In: 5512.832+/-4199.141 χ^2/NDF : 0.0/0

3471.441+/-1047.150 χ^2/NDF : 10.2/17

2950.512+/-728.083 χ^2/NDF : 29.7/38

2462.980+/-1013.026 χ^2/NDF : 19.1/20

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617 $\pm$ 0.772 χ^2 /NDF: 501680.3/16

Left Out: 3177.189 $\pm$ 2.625 χ^2 /NDF: 0.0/0

Right Out: 2693.533 $\pm$ 0.738 χ^2 /NDF: 780600.8/19

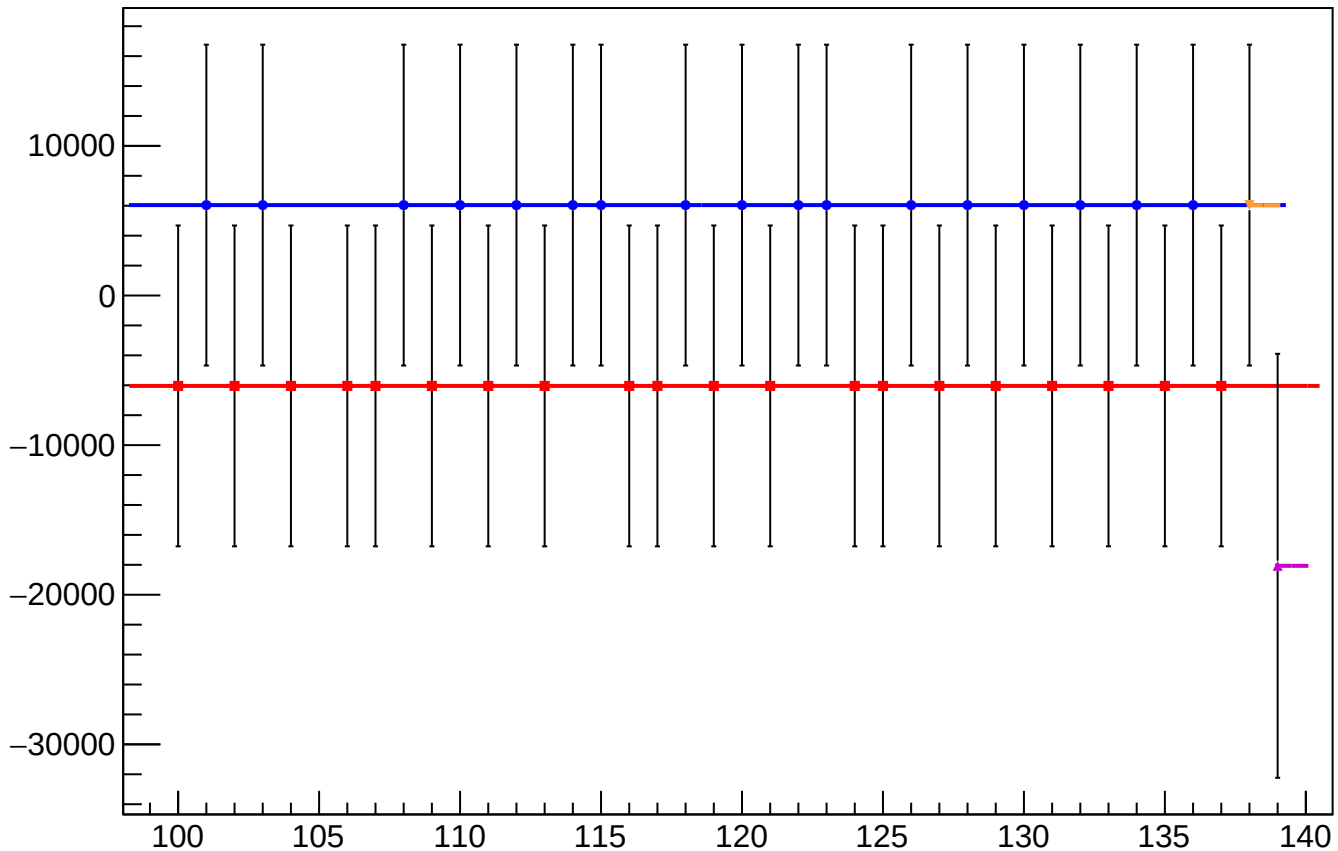
Left In: 2945.336 $\pm$ 2.969 χ^2 /NDF: 0.0/0

2806.658 $\pm$ 0.740 χ^2 /NDF: 523334.4/17

2755.773 $\pm$ 0.515 χ^2 /NDF: 1319848.8/38

2708.179 $\pm$ 0.716 χ^2 /NDF: 787374.2/20

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 6042.364 $\pm$ 2600.702 χ^2 /NDF: 0.0/16

Left Out: 6042.364 $\pm$ 10722.969 χ^2 /NDF:0.0/0

Right Out: -6042.364 $\pm$ 2397.729 χ^2 /NDF: 0.0/19

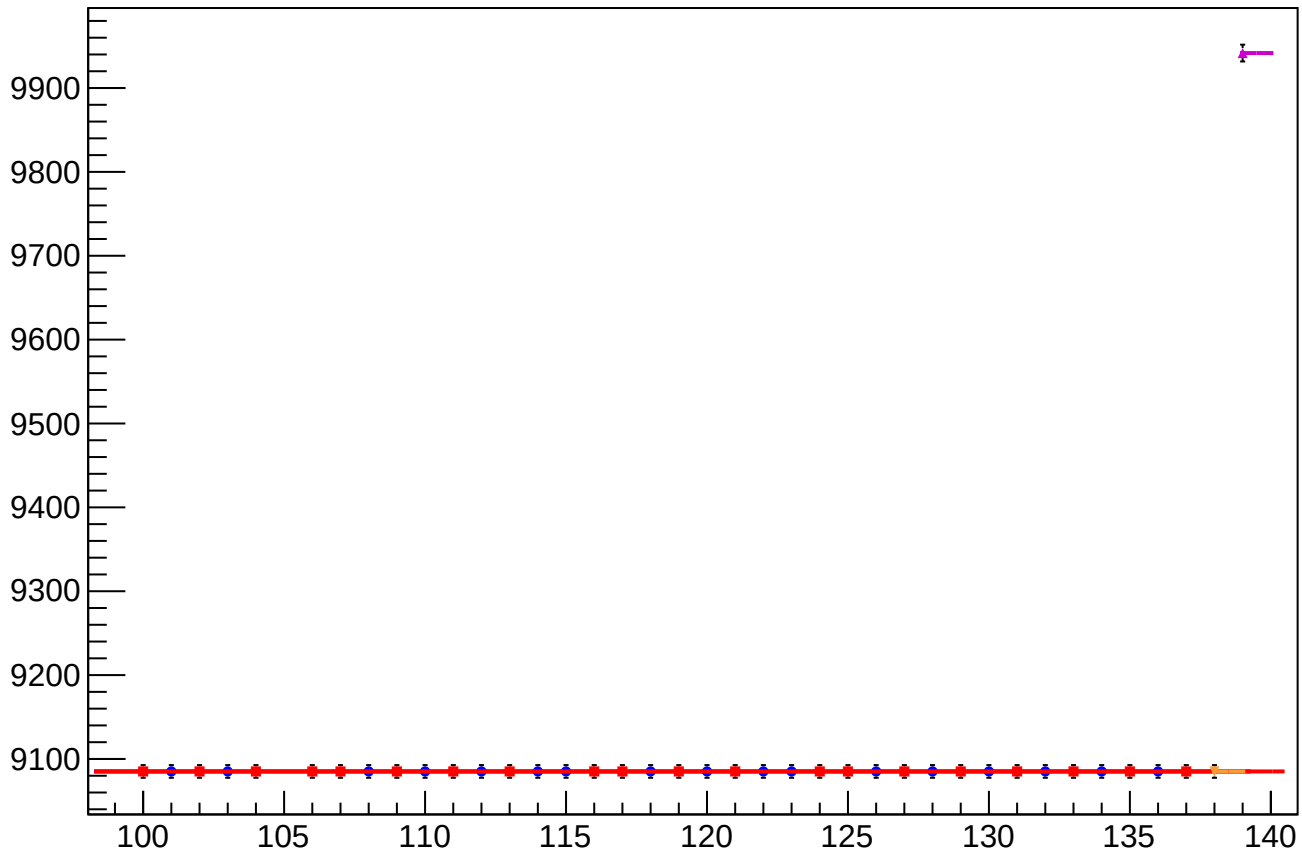
Left In: -18066.277 $\pm$ 14168.927 χ^2 /NDF:0.0/0

6042.364 $\pm$ 2527.428 χ^2 /NDF: 0.0/17

-581.550 $\pm$ 1726.533 χ^2 /NDF: 13.6/38

-6377.106 $\pm$ 2364.117 χ^2 /NDF: 0.7/20

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 9085.129+/-1.839 χ^2/NDF : 0.0/16

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

Right Out: 9085.129+/-1.695 χ^2/NDF : 0.0/19

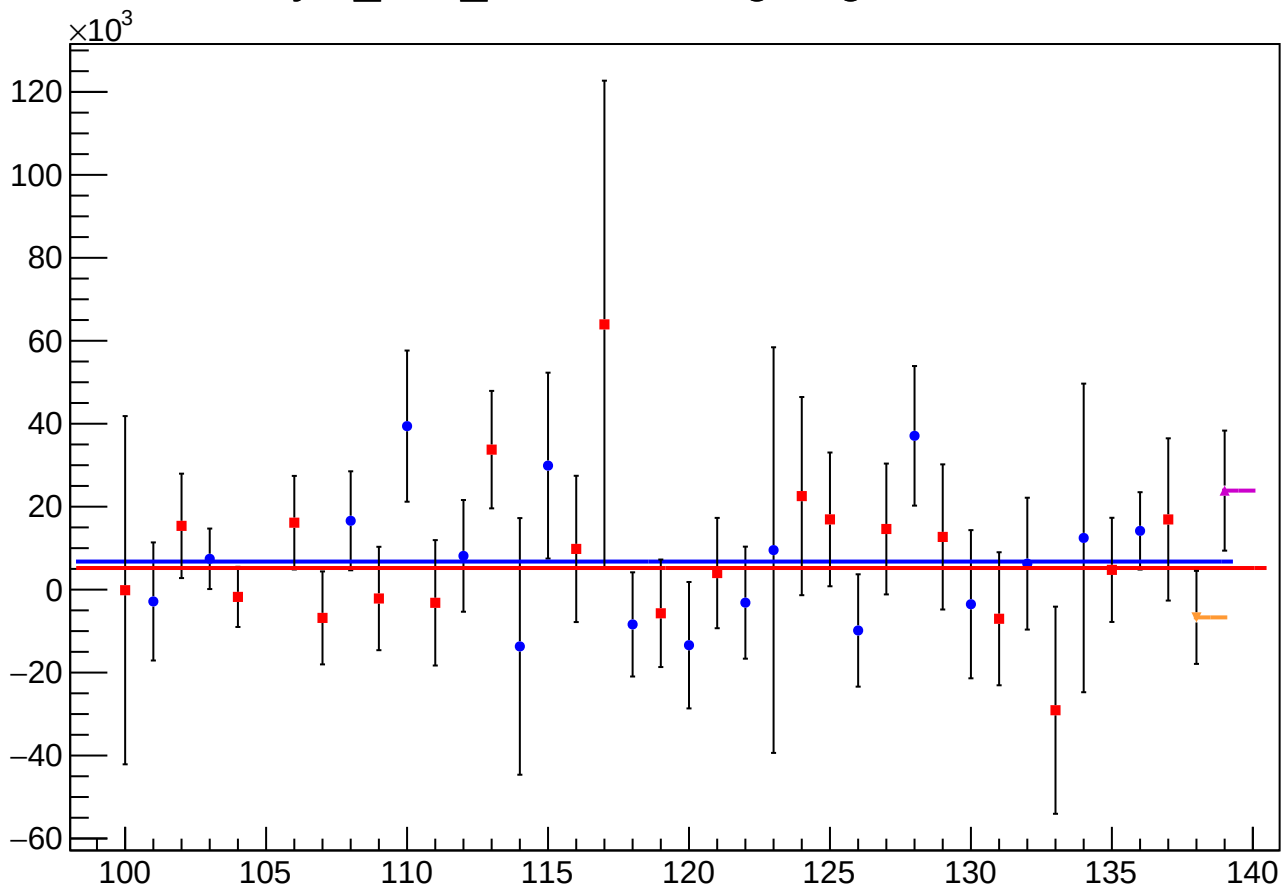
Left In: 9941.671+/-10.019 χ^2/NDF : 0.0/0

9085.129+/-1.787 χ^2/NDF : 0.0/17

9097.847+/-1.221 χ^2/NDF : 7200.4/38

9108.975+/-1.672 χ^2/NDF : 7105.4/20

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402 $\pm$ 3387.139 χ^2 /NDF: 15.3/16

Left Out: -6693.498 $\pm$ 11214.134 χ^2 /NDF: 0.0/0

Right Out: 5212.142 $\pm$ 3163.023 χ^2 /NDF: 14.6/19

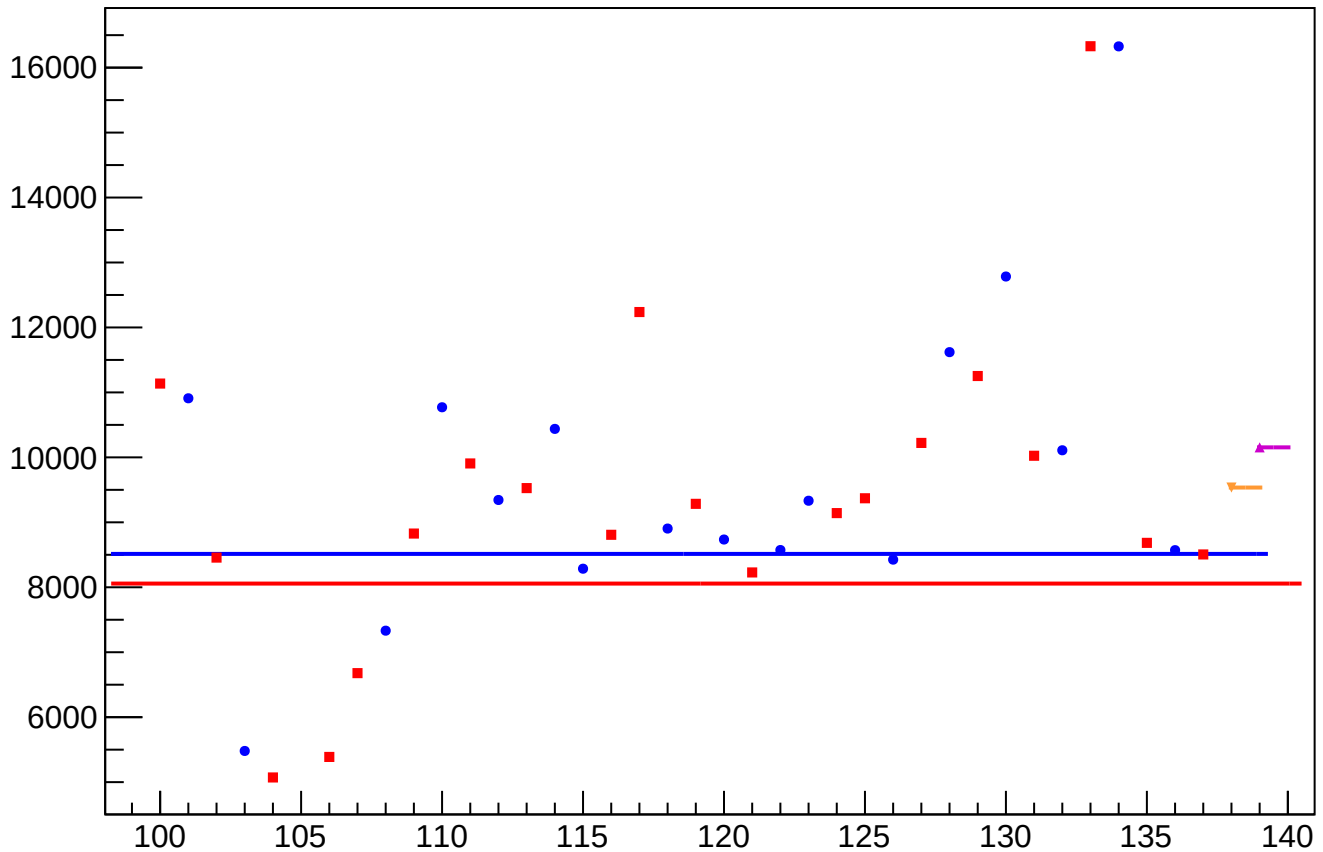
Left In: 23871.576 $\pm$ 14470.180 χ^2 /NDF: 0.0/0

5642.039 $\pm$ 3242.463 χ^2 /NDF: 16.7/17

5862.673 $\pm$ 2236.941 χ^2 /NDF: 32.9/38

6063.054 $\pm$ 3090.061 χ^2 /NDF: 16.2/20

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: 8056.887+/-2.237 χ^2/NDF : 962463.7/19

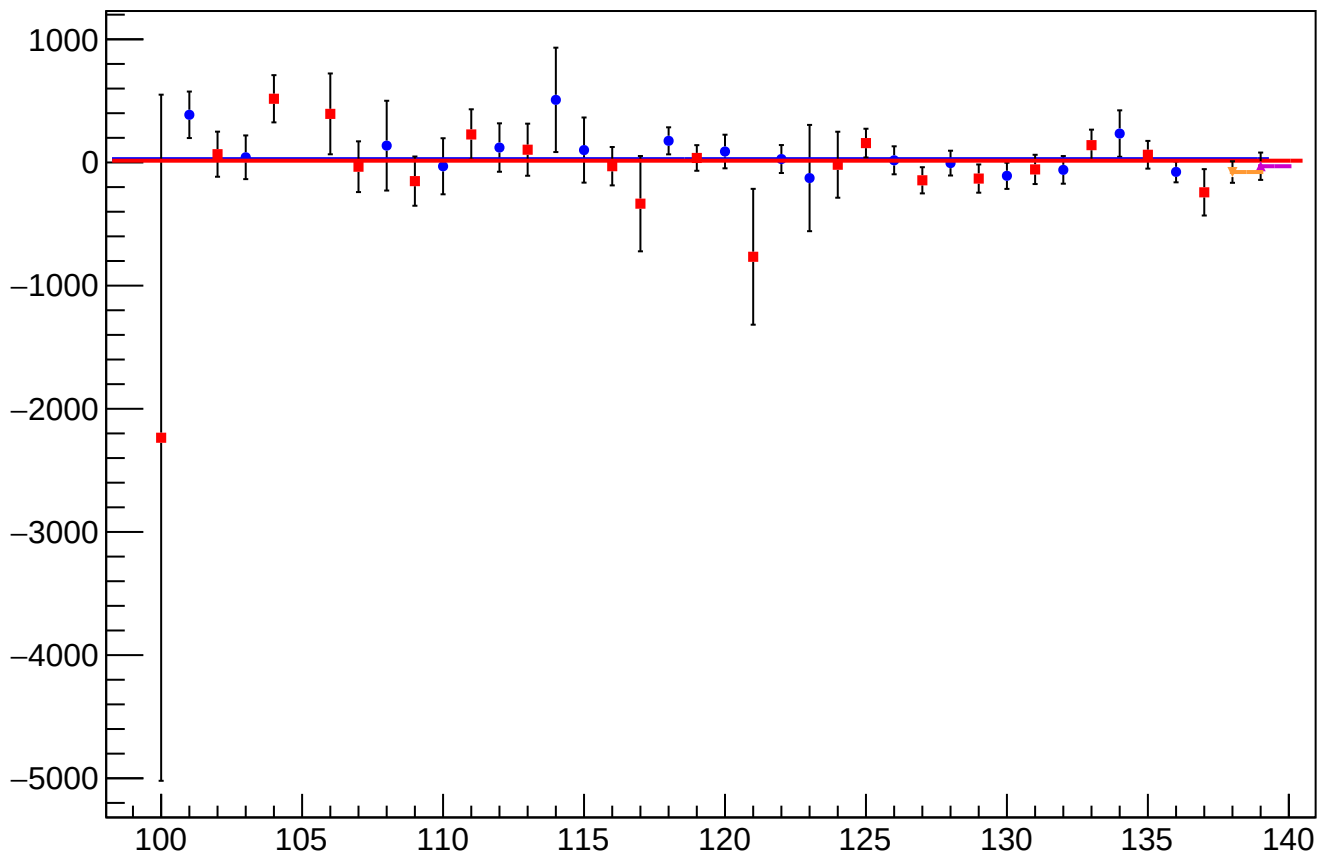
Left In: 10154.015+/-10.232 χ^2/NDF : 0.0/0

8599.081+/-2.293 χ^2/NDF : 777827.5/17

8365.049+/-1.582 χ^2/NDF : 1800264.8/38

8152.514+/-2.185 χ^2/NDF : 1002556.2/20

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932 $\pm$ 34.029 χ^2 /NDF: 12.6/16

Left Out: -77.709 $\pm$ 87.510 χ^2 /NDF: 0.0/0

Right Out: 14.422 $\pm$ 35.398 χ^2 /NDF: 22.7/19

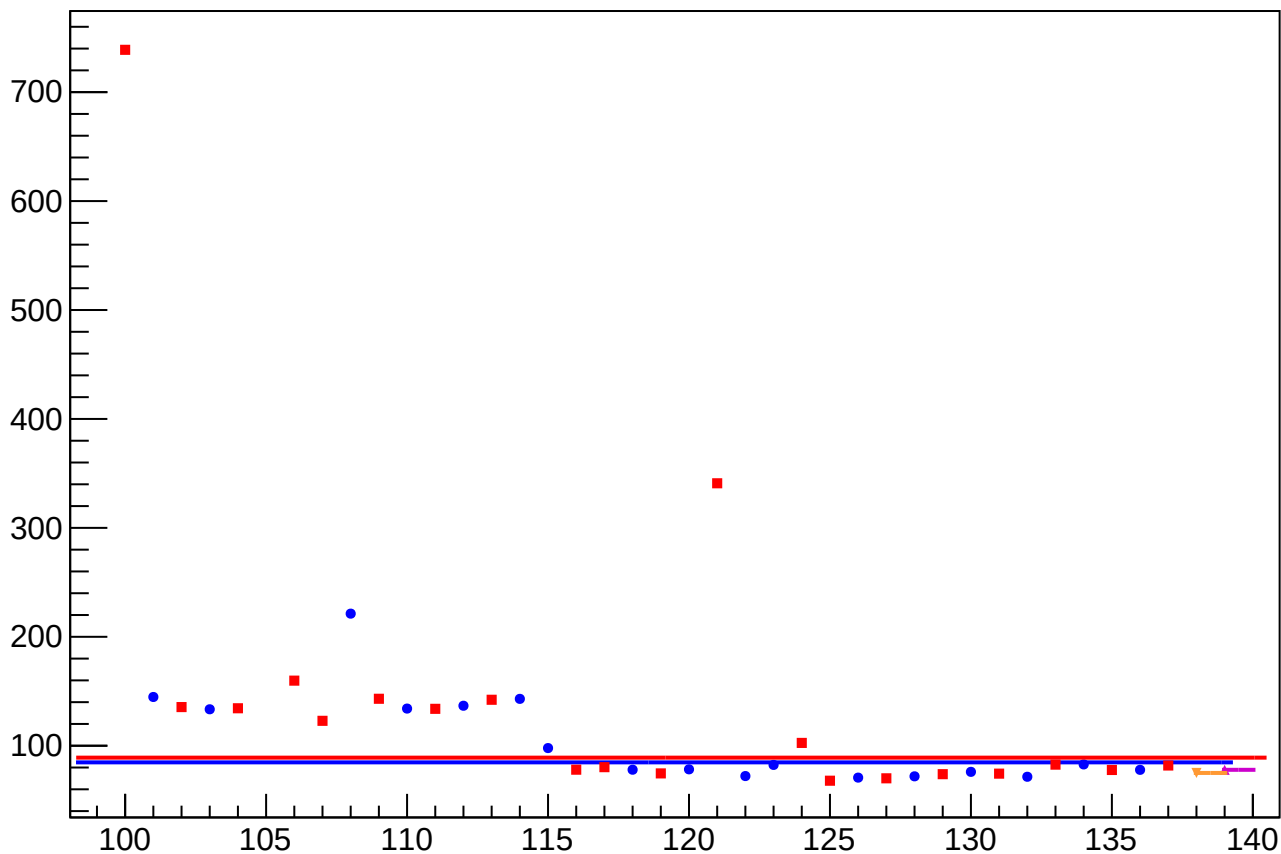
Left In: -30.550 $\pm$ 110.954 χ^2 /NDF: 0.0/0

13.188 $\pm$ 31.715 χ^2 /NDF: 13.8/17

11.817 $\pm$ 23.103 χ^2 /NDF: 36.7/38

10.267 $\pm$ 33.724 χ^2 /NDF: 22.8/20

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: 89.069 $\pm$ 0.025 χ^2 /NDF: 1560299.8/19

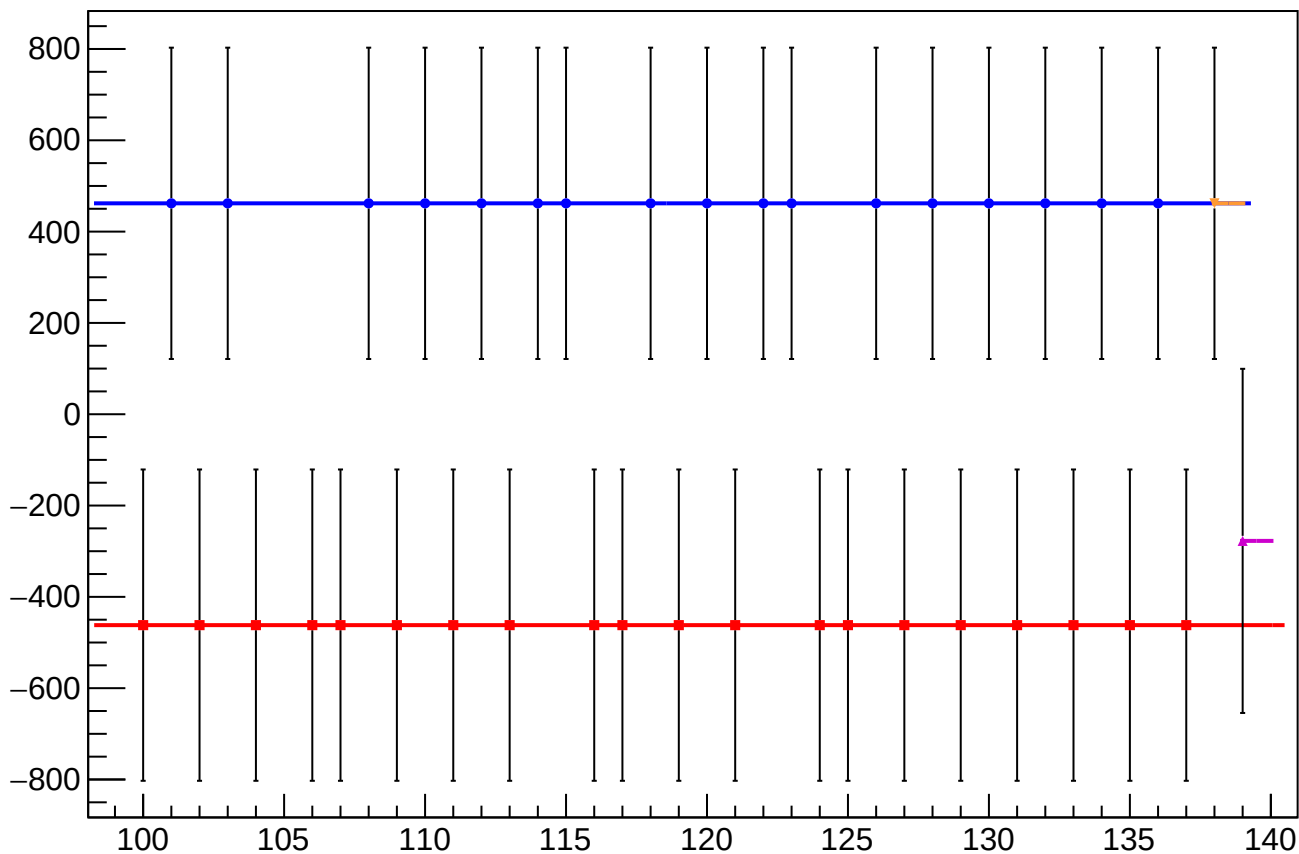
Left In: 77.894 $\pm$ 0.078 χ^2 /NDF: 0.0/0

83.460 $\pm$ 0.022 χ^2 /NDF: 1085850.5/17

85.608 $\pm$ 0.016 χ^2 /NDF: 2684110.3/38

88.037 $\pm$ 0.024 χ^2 /NDF: 1578715.6/20

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 461.935+/-82.689 χ^2/NDF : 0.0/16

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

Right Out: -461.935+/-76.236 χ^2/NDF : 0.0/19

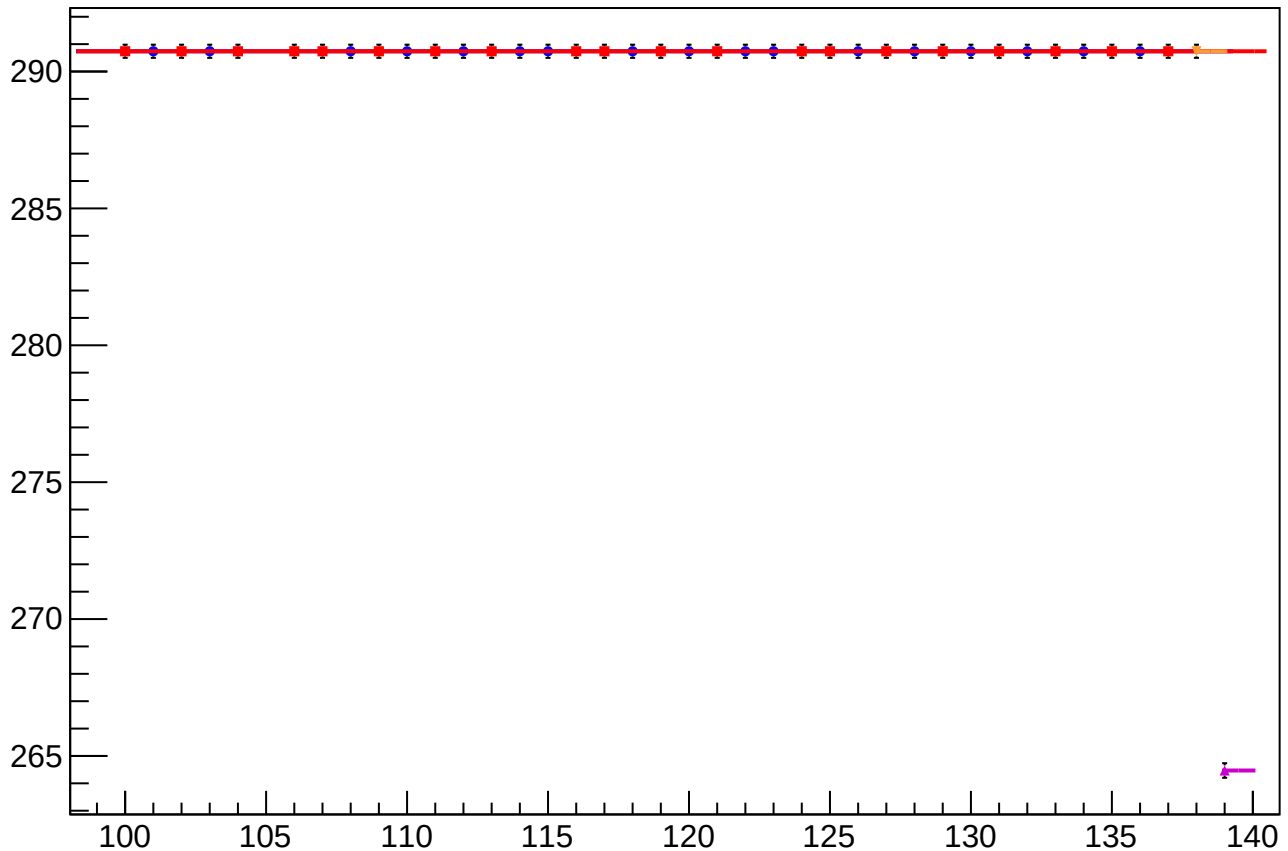
Left In: -277.420+/-376.889 χ^2/NDF : 0.0/0

461.935+/-80.360 χ^2/NDF : 0.0/17

-29.648+/-54.721 χ^2/NDF : 70.0/38

-454.682+/-74.723 χ^2/NDF : 0.2/20

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 290.739 $\pm$ 0.058 χ^2 /NDF: 0.0/16

Left Out: 290.739 $\pm$ 0.241 χ^2 /NDF: 0.0/0

Right Out: 290.739 $\pm$ 0.054 χ^2 /NDF: 0.0/19

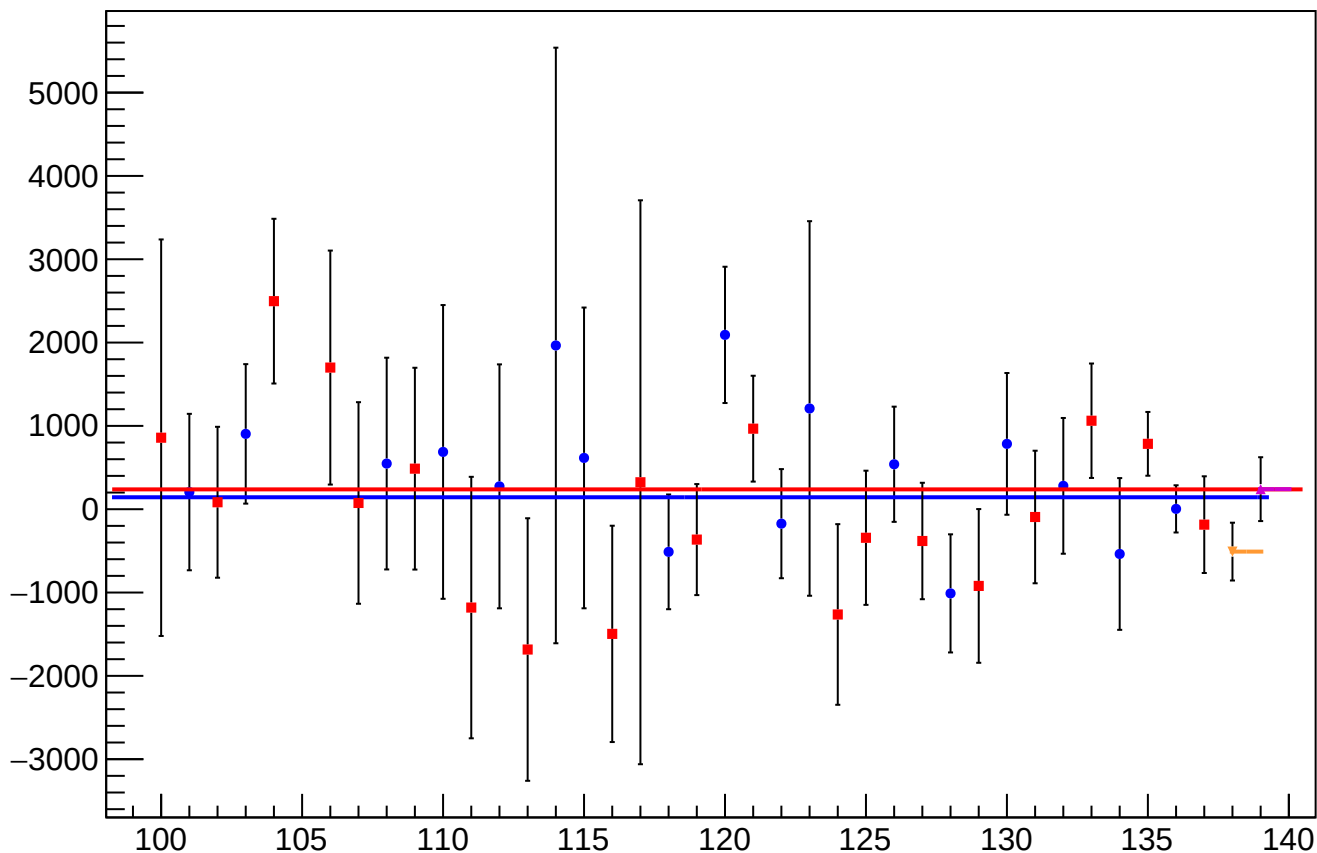
Left In: 264.469 $\pm$ 0.267 χ^2 /NDF: 0.0/0

290.739 $\pm$ 0.057 χ^2 /NDF: 0.0/17

290.186 $\pm$ 0.039 χ^2 /NDF: 9512.5/38

289.707 $\pm$ 0.053 χ^2 /NDF: 9335.4/20

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF : 12.8/16

Left Out: -508.718+/-346.932 χ^2/NDF : 0.0/0

Right Out: 238.073+/-183.724 χ^2/NDF : 21.7/19

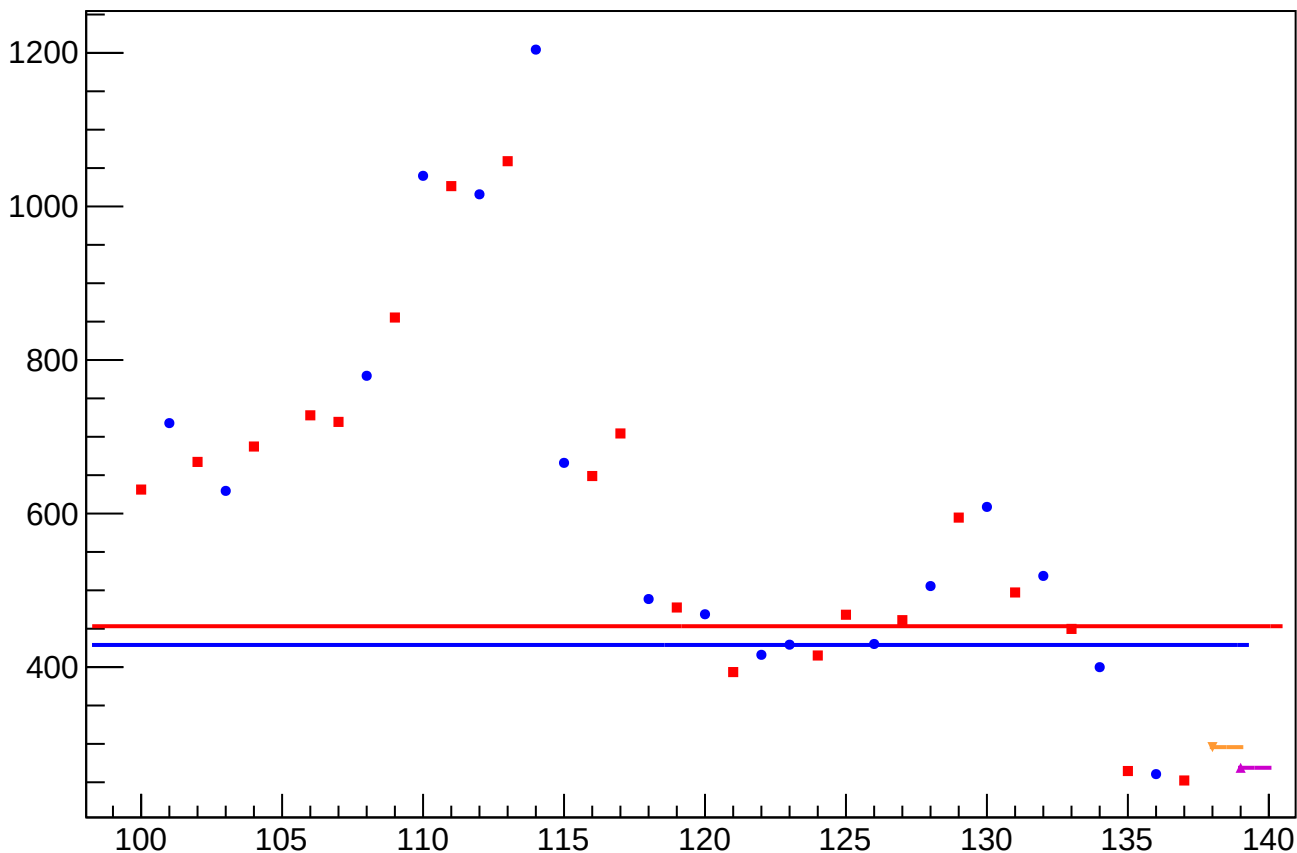
Left In: 240.778+/-383.203 χ^2/NDF : 0.0/0

6.081+/-159.241 χ^2/NDF : 15.6/17

117.733+/-114.805 χ^2/NDF : 38.3/38

238.579+/-165.667 χ^2/NDF : 21.7/20

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: 453.260+/-0.130 χ^2/NDF : 2050280.3/19

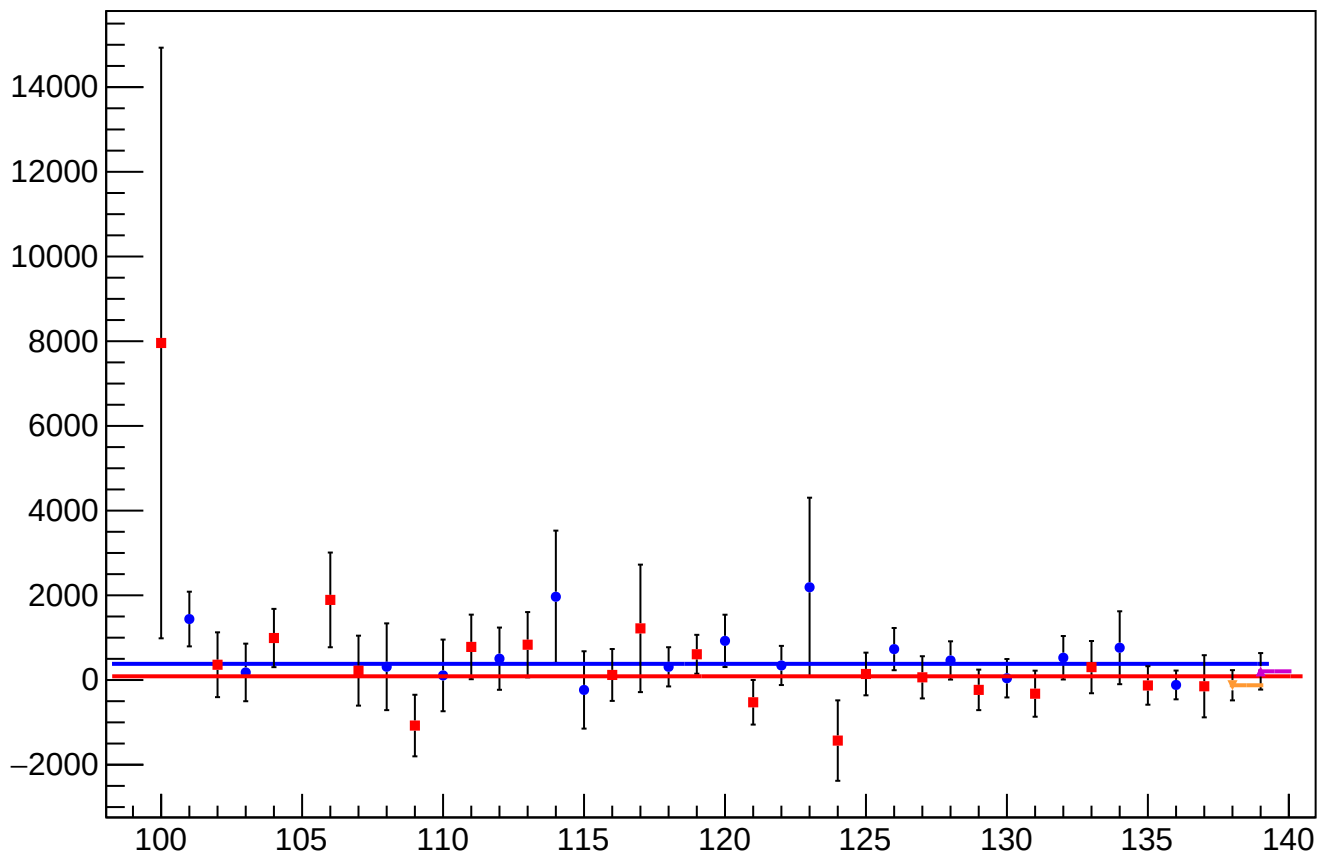
Left In: 268.870+/-0.271 χ^2/NDF : 0.0/0

400.818+/-0.113 χ^2/NDF : 2244633.8/17

409.452+/-0.081 χ^2/NDF : 4683678.4/38

418.797+/-0.117 χ^2/NDF : 2426801.3/20

dit_asym_sam2_mean vs Slug, Sign Corrected



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

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

Right Out: 87.772+/-142.821 χ^2/NDF : 17.3/19

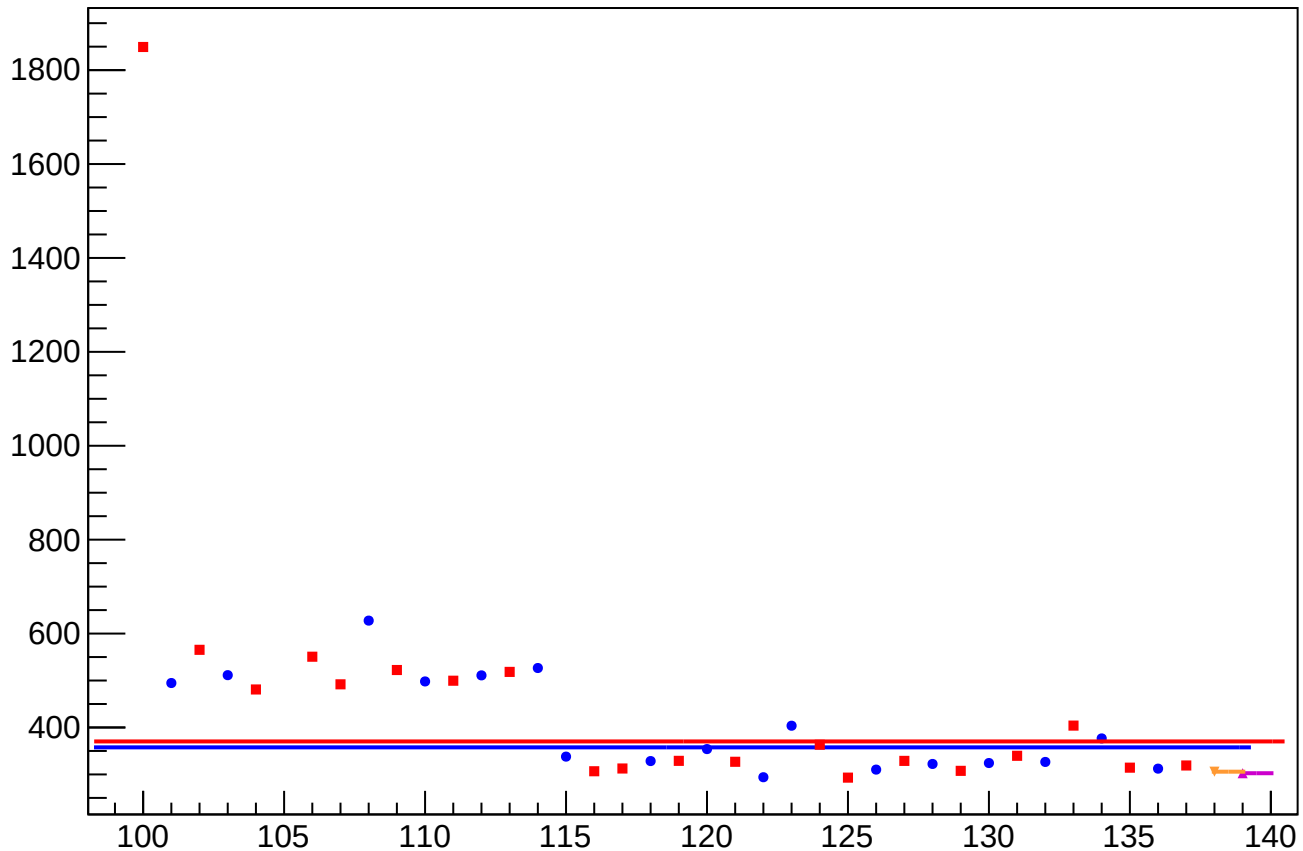
Left In: 205.401+/-431.038 χ^2/NDF : 0.0/0

313.486+/-131.295 χ^2/NDF : 11.2/17

209.878+/-94.316 χ^2/NDF : 29.9/38

99.409+/-135.573 χ^2/NDF : 17.4/20

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: 370.270 $\pm$ 0.101 χ^2 /NDF: 787745.4/19

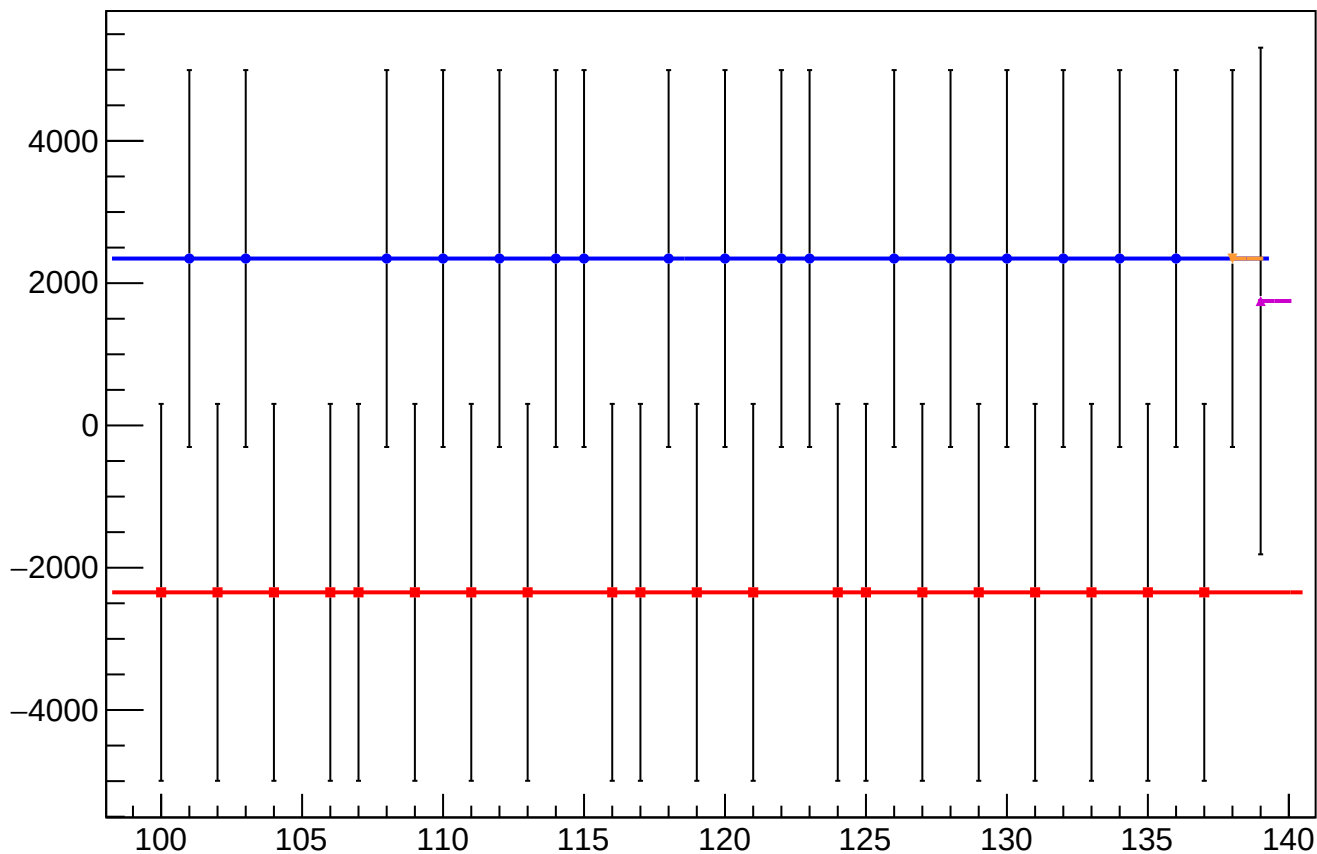
Left In: 302.579 $\pm$ 0.305 χ^2 /NDF: 0.0/0

350.655 $\pm$ 0.093 χ^2 /NDF: 666109.4/17

356.907 $\pm$ 0.067 χ^2 /NDF: 1507671.8/38

363.574 $\pm$ 0.096 χ^2 /NDF: 832190.7/20

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 2346.140 $\pm$ 642.506 χ^2/NDF : 0.0/16

Left Out: 2346.140 $\pm$ 2649.121 χ^2/NDF : 0.0/0

Right Out: -2346.140 $\pm$ 592.361 χ^2/NDF : 0.0/19

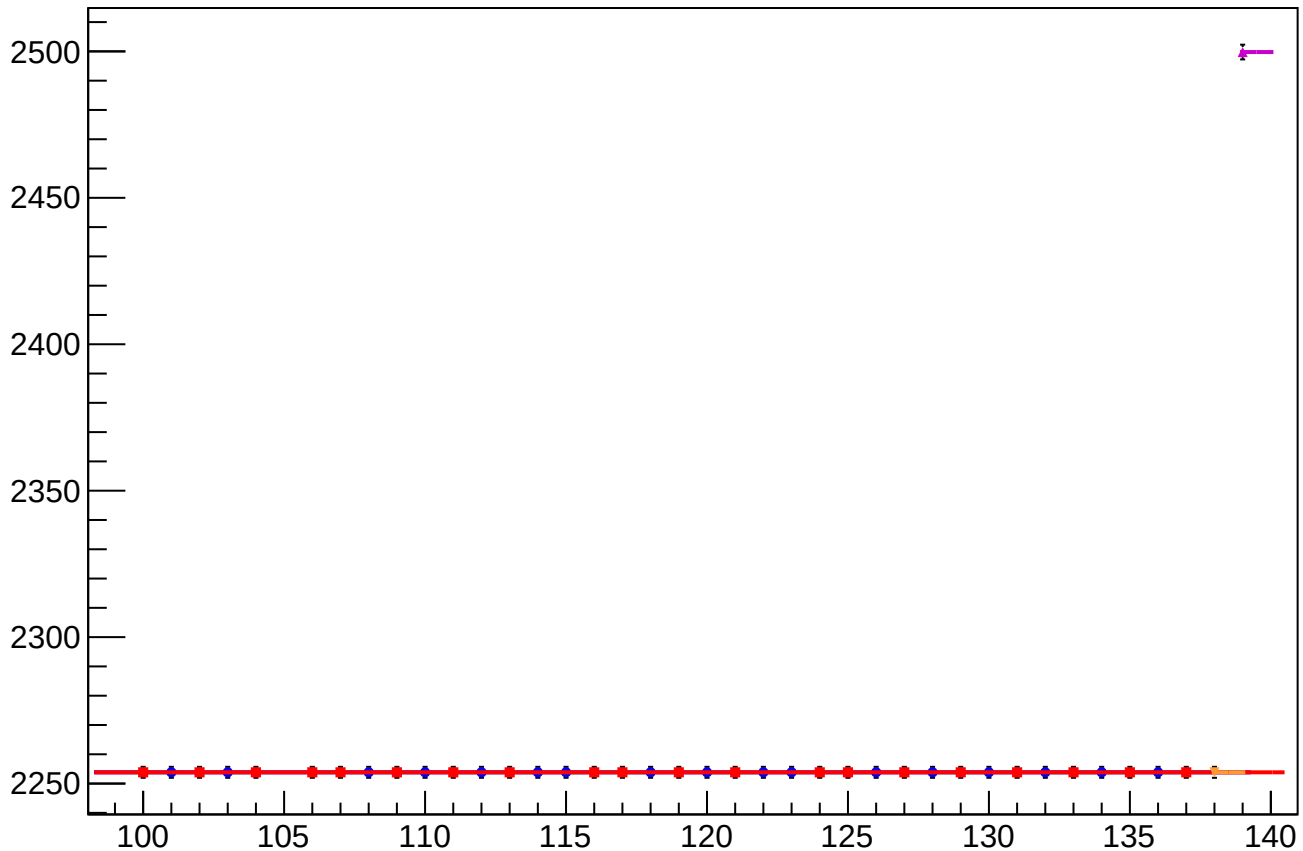
Left In: 1749.353 $\pm$ 3561.099 χ^2/NDF : 0.0/0

2346.140 $\pm$ 624.404 χ^2/NDF : 0.0/17

-96.598 $\pm$ 426.649 χ^2/NDF : 30.0/38

-2235.870 $\pm$ 584.332 χ^2/NDF : 1.3/20

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 2253.842 $\pm$ 0.454 χ^2 /NDF: 0.0/16

Left Out: 2253.842 $\pm$ 1.873 χ^2 /NDF: 0.0/0

Right Out: 2253.842 $\pm$ 0.419 χ^2 /NDF: 0.0/19

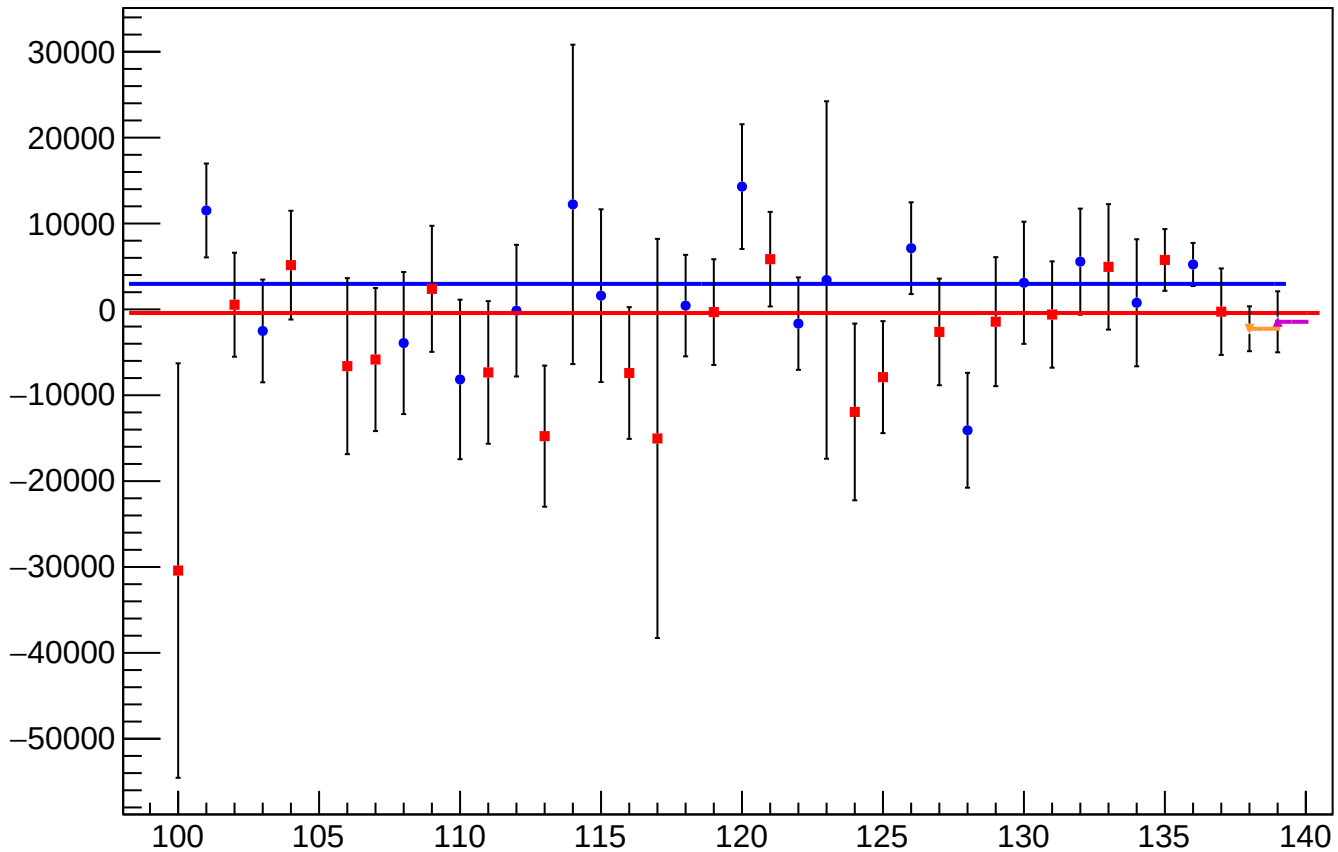
Left In: 2499.774 $\pm$ 2.518 χ^2 /NDF: 0.0/0

2253.842 $\pm$ 0.442 χ^2 /NDF: 0.0/17

2257.372 $\pm$ 0.302 χ^2 /NDF: 9401.8/38

2260.464 $\pm$ 0.413 χ^2 /NDF: 9281.9/20

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125 $\pm$ 1440.489 χ^2 /NDF: 17.4/16

Left Out: -2256.836 $\pm$ 2612.454 χ^2 /NDF: 0.0/0

Right Out: -420.104 $\pm$ 1503.907 χ^2 /NDF: 15.7/19

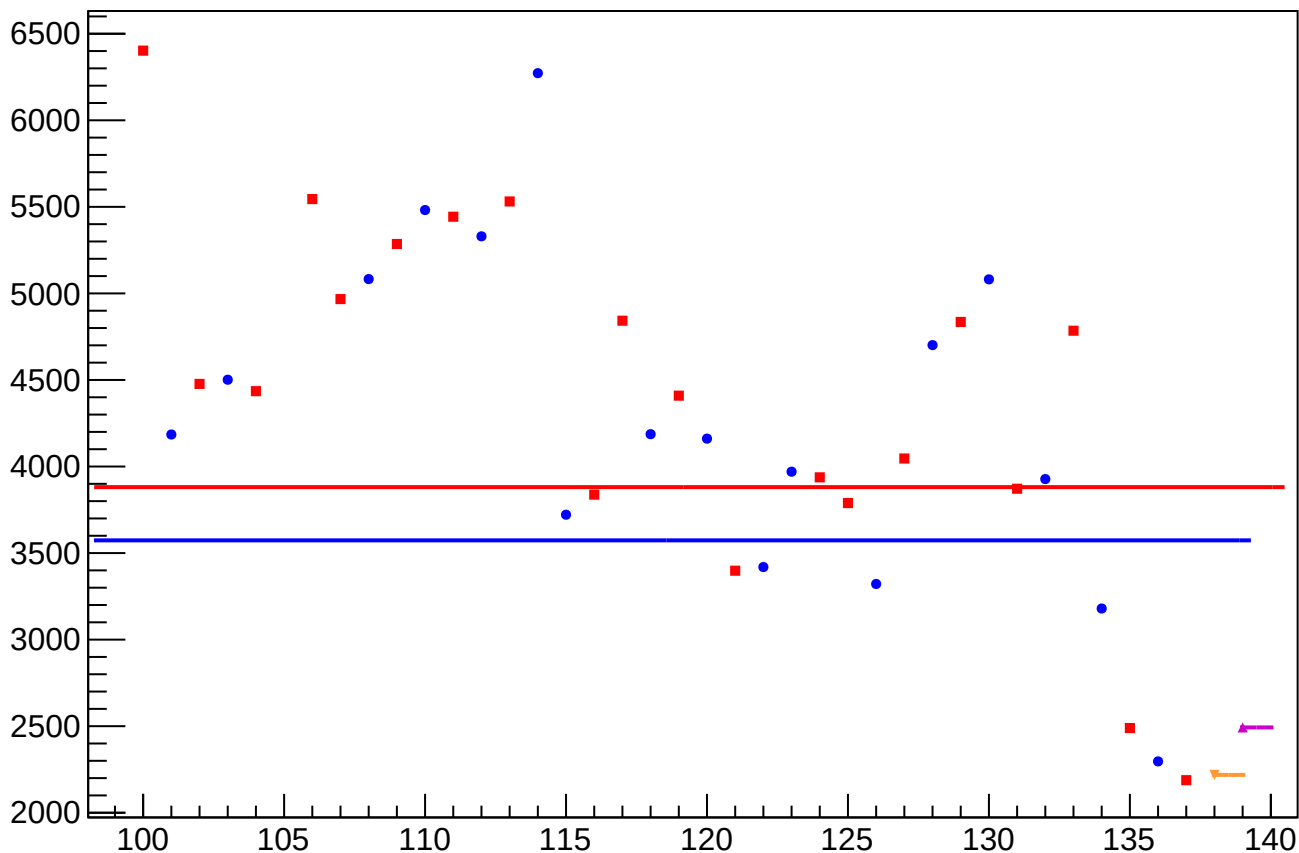
Left In: -1447.856 $\pm$ 3551.364 χ^2 /NDF: 0.0/0

1750.697 $\pm$ 1261.437 χ^2 /NDF: 20.4/17

695.449 $\pm$ 932.556 χ^2 /NDF: 37.8/38

-576.384 $\pm$ 1384.852 χ^2 /NDF: 15.8/20

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: 3880.955+/-1.063 χ^2/NDF : 991845.4/19

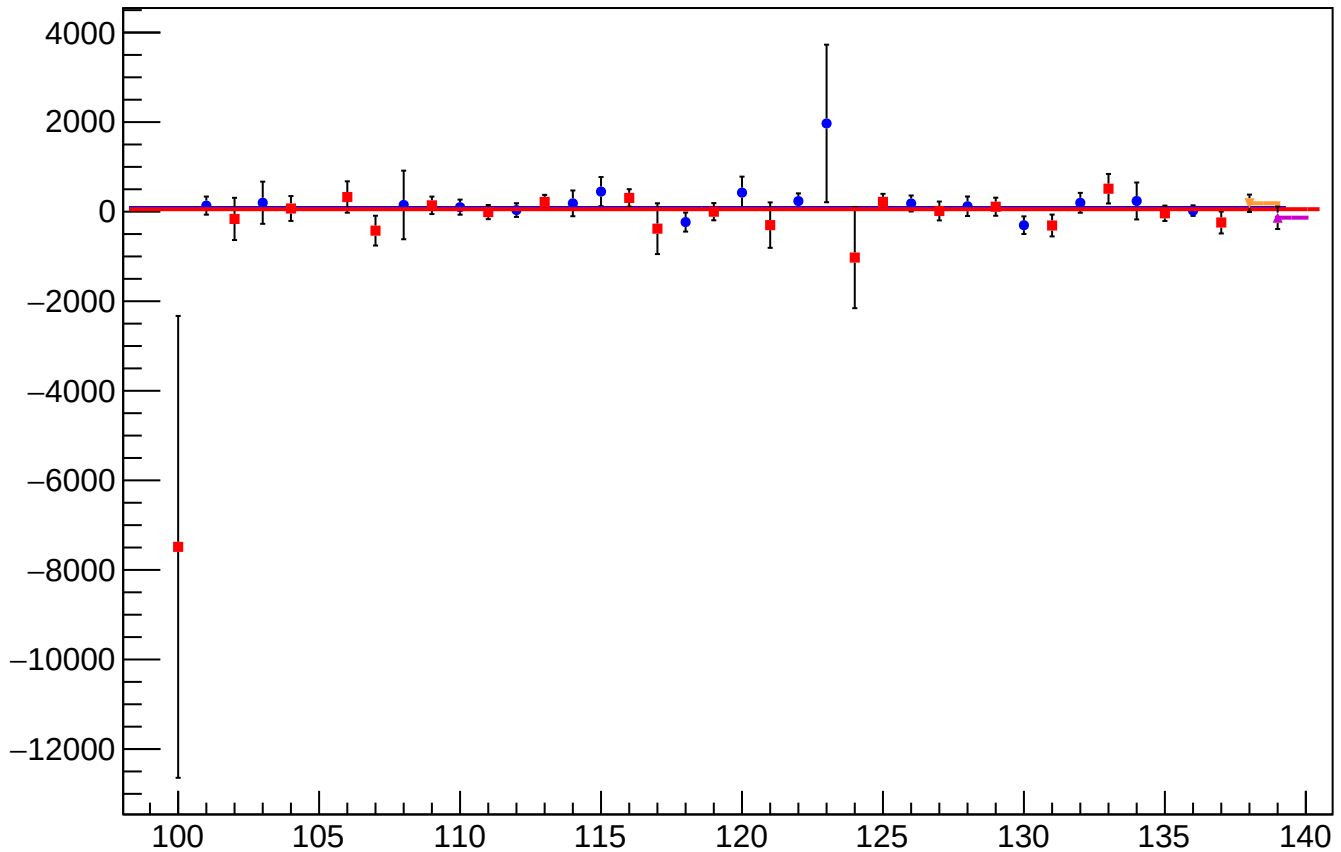
Left In: 2492.815+/-2.511 χ^2/NDF : 0.0/0

3257.577+/-0.892 χ^2/NDF : 1501262.4/17

3444.539+/-0.659 χ^2/NDF : 2849096.3/38

3669.874+/-0.979 χ^2/NDF : 1250947.5/20

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851 $\pm$ 51.907 χ^2/NDF : 11.5/16

Left Out: 187.258 $\pm$ 194.191 χ^2/NDF : 0.0/0

Right Out: 55.188 $\pm$ 52.933 χ^2/NDF : 17.0/19

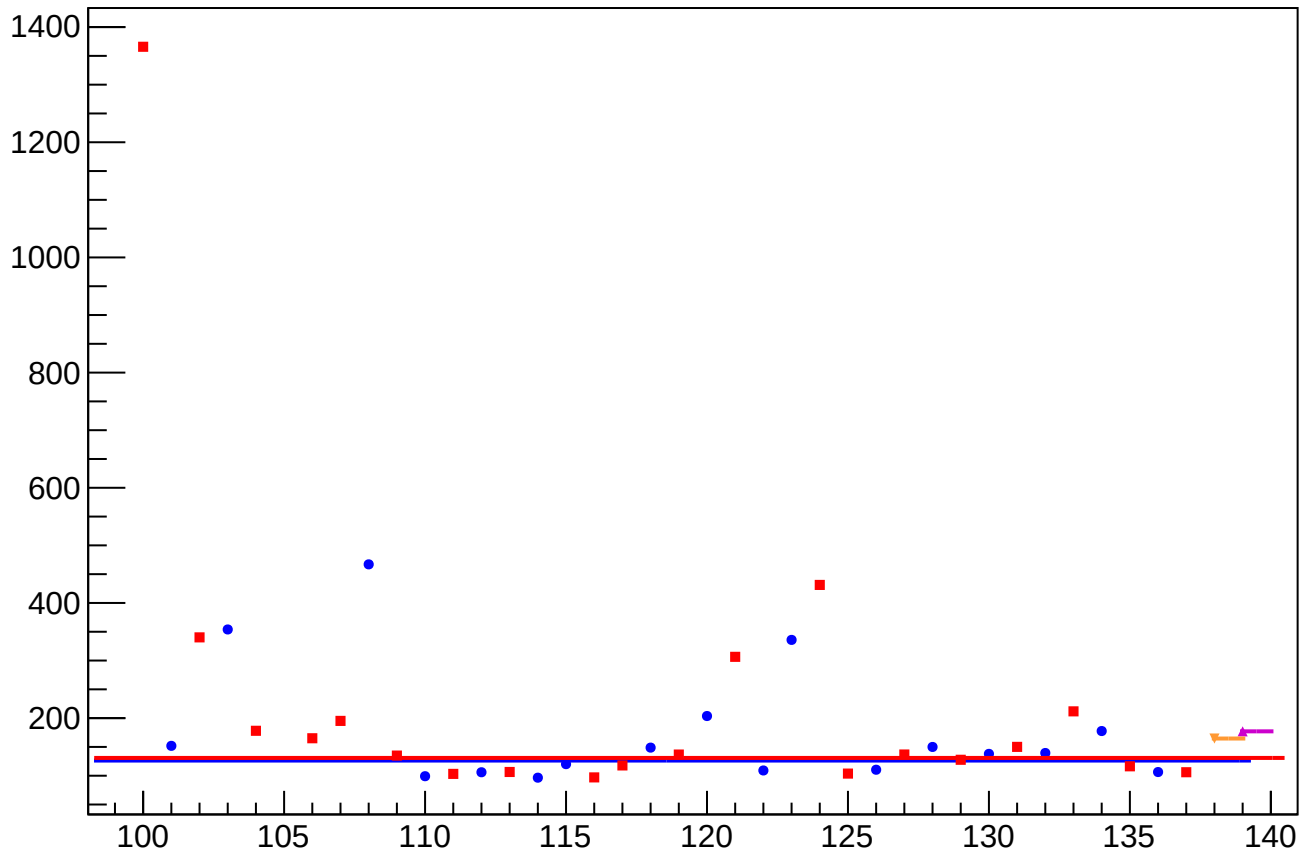
Left In: -134.083 $\pm$ 252.913 χ^2/NDF : 0.0/0

88.880 $\pm$ 50.147 χ^2/NDF : 11.8/17

68.742 $\pm$ 36.033 χ^2/NDF : 29.7/38

47.245 $\pm$ 51.811 χ^2/NDF : 17.6/20

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: 130.893 ± 0.037 χ^2/NDF : 1430327.9/19

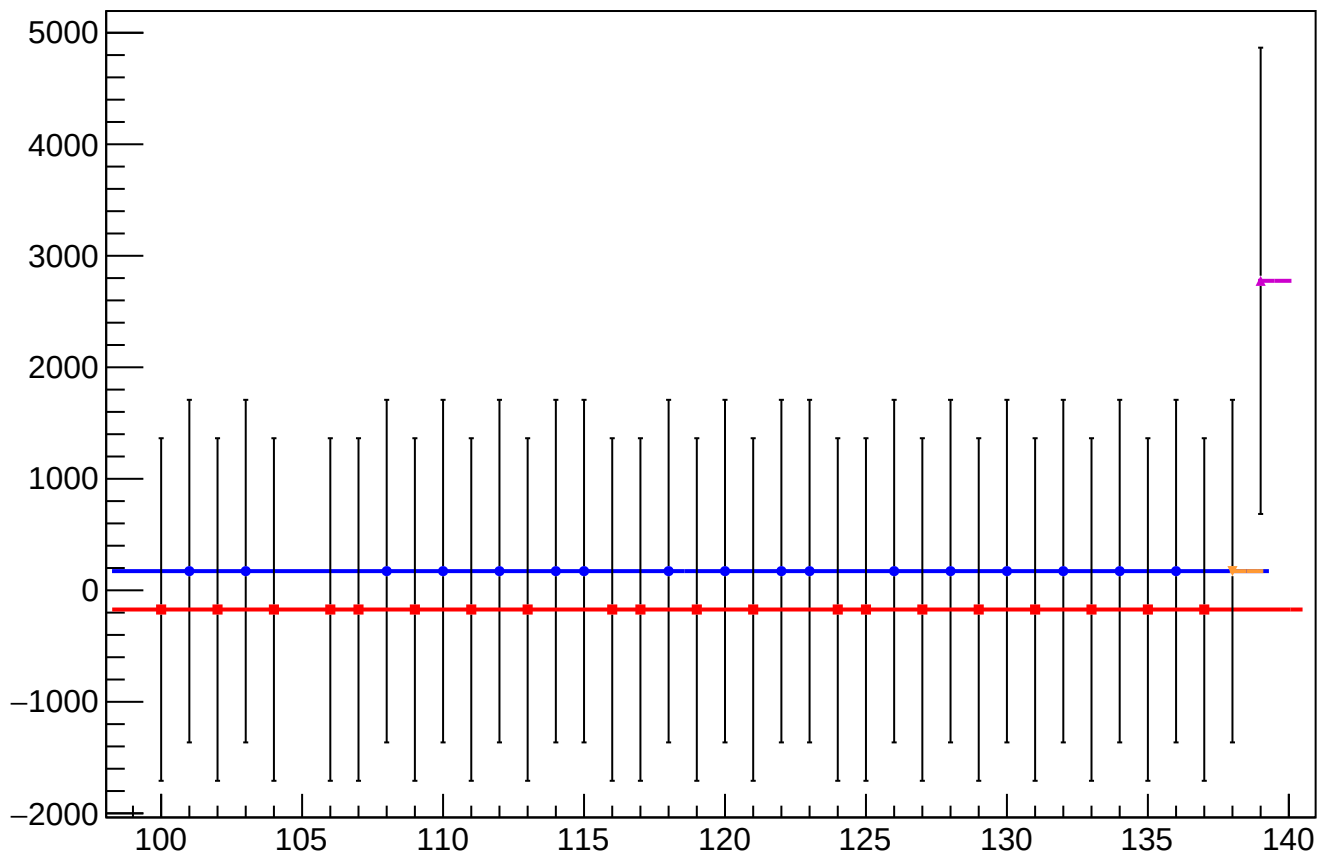
Left In: 177.059 ± 0.179 χ^2/NDF : 0.0/0

128.889 ± 0.035 χ^2/NDF : 1382965.3/17

130.795 ± 0.025 χ^2/NDF : 2883111.2/38

132.830 ± 0.037 χ^2/NDF : 1494171.9/20

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 172.139+/-372.553 χ^2/NDF : 0.0/16

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

Right Out: -172.139+/-343.477 χ^2/NDF : 0.0/19

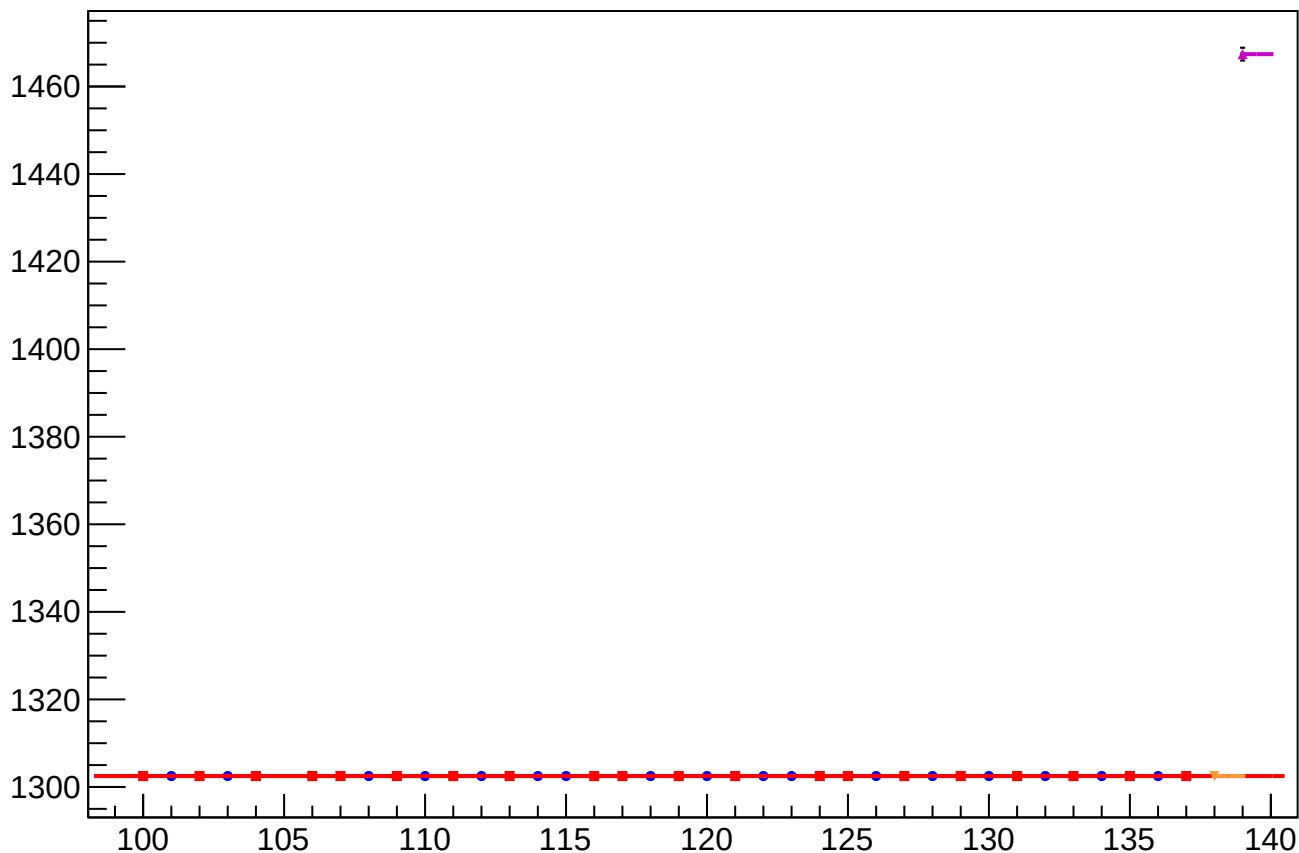
Left In: 2775.523+/-2090.833 χ^2/NDF : 0.0/0

172.139+/-362.056 χ^2/NDF : 0.0/17

29.938+/-247.433 χ^2/NDF : 2.2/38

-94.680+/-338.934 χ^2/NDF : 1.9/20

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1302.497+/-0.263 χ^2/NDF : 0.0/16

Left Out: 1302.497+/-1.086 χ^2/NDF : 0.0/0

Right Out: 1302.497+/-0.243 χ^2/NDF : 0.0/19

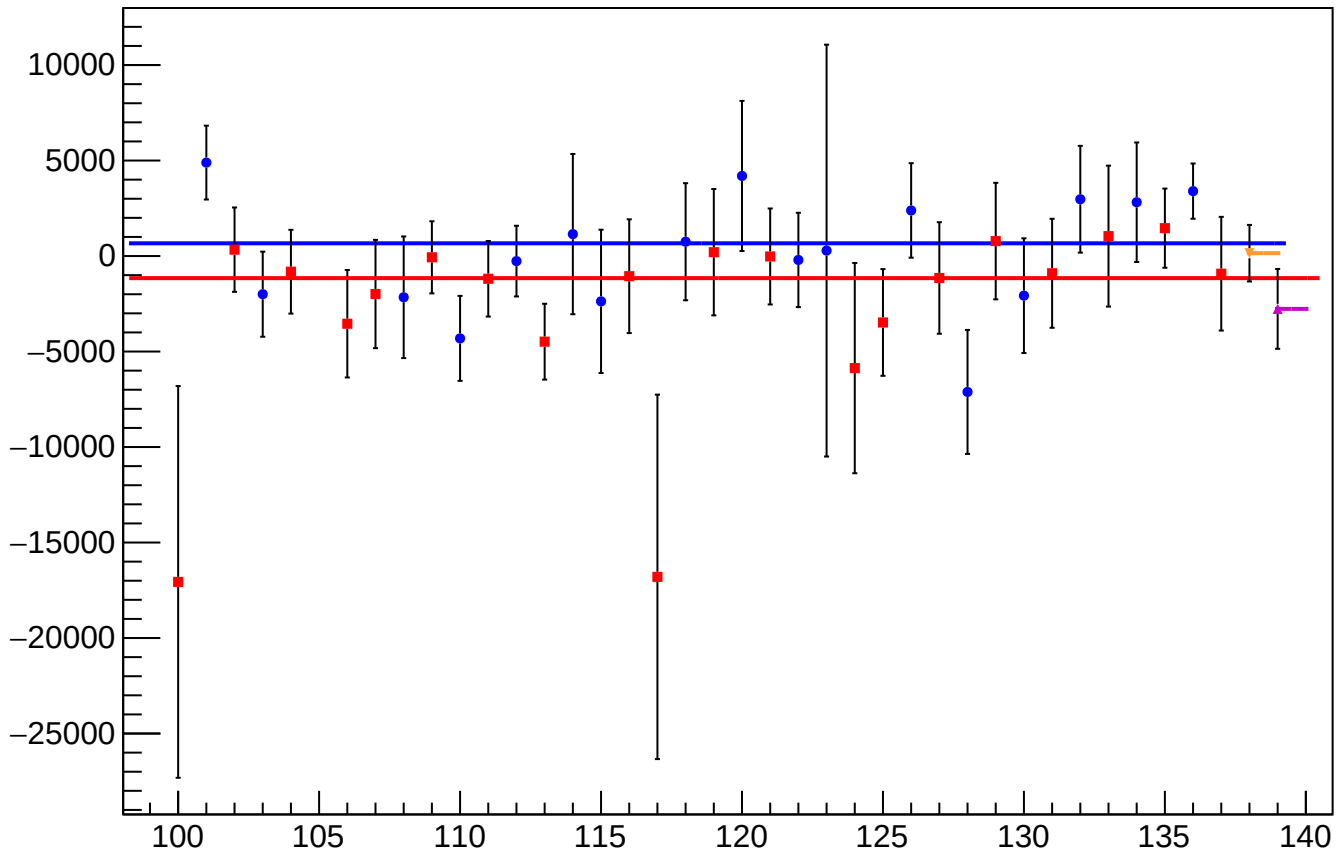
Left In: 1467.391+/-1.478 χ^2/NDF : 0.0/0

1302.497+/-0.256 χ^2/NDF : 0.0/17

1304.806+/-0.175 χ^2/NDF : 12265.3/38

1306.830+/-0.240 χ^2/NDF : 12112.6/20

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453 $\pm$ 618.839 χ^2/NDF : 25.6/16

Left Out: 149.994 $\pm$ 1479.925 χ^2/NDF : 0.0/0

Right Out: -1156.676 $\pm$ 601.441 χ^2/NDF : 13.7/19

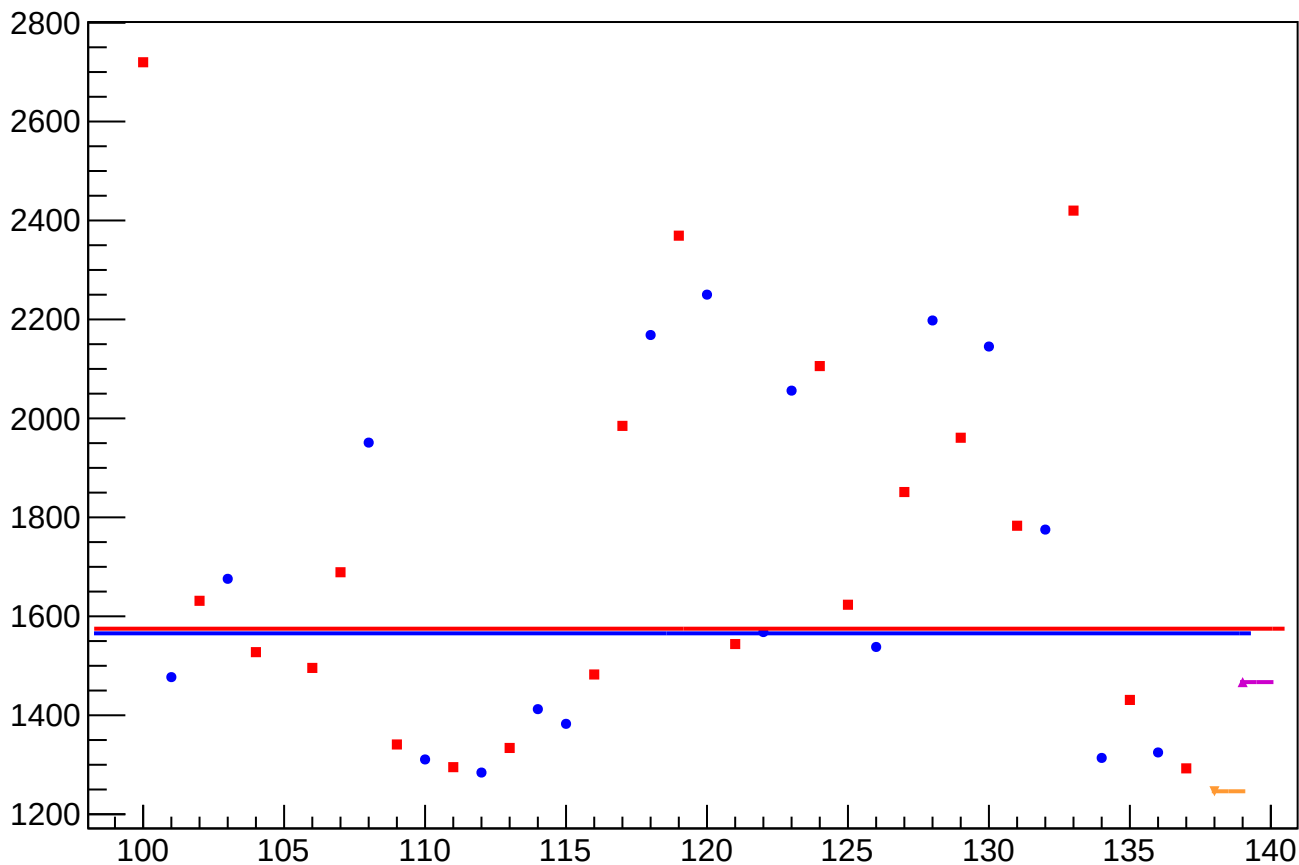
Left In: -2767.185 $\pm$ 2091.171 χ^2/NDF : 0.0/0

589.588 $\pm$ 570.934 χ^2/NDF : 25.8/17

-333.554 $\pm$ 406.190 χ^2/NDF : 45.3/38

-1279.718 $\pm$ 578.009 χ^2/NDF : 14.2/20

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: 1575.001+/-0.425 χ^2/NDF : 465745.9/19

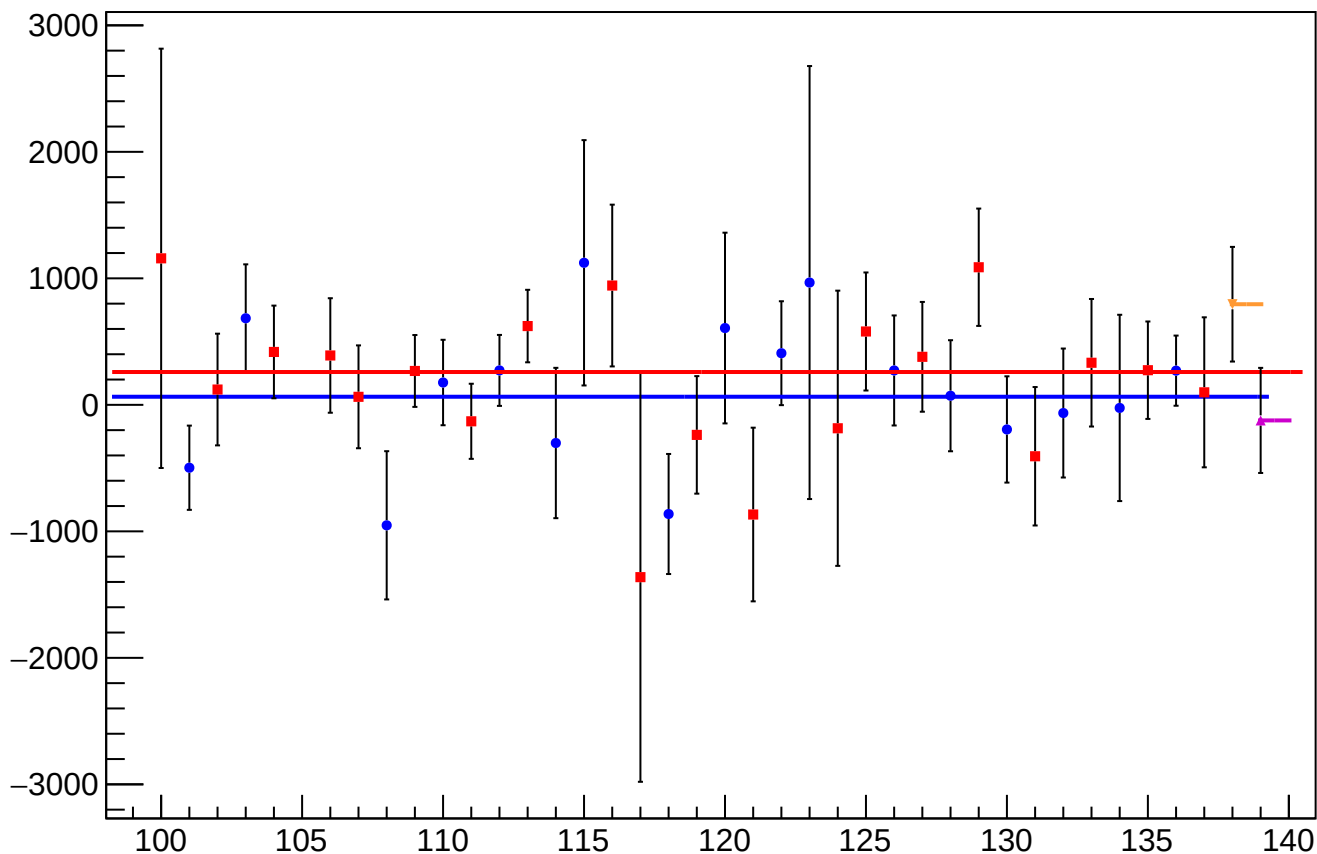
Left In: 1467.048+/-1.479 χ^2/NDF : 0.0/0

1518.114+/-0.404 χ^2/NDF : 569992.8/17

1542.134+/-0.287 χ^2/NDF : 1047829.9/38

1566.753+/-0.409 χ^2/NDF : 470668.7/20

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: 259.542+/-99.192 χ^2/NDF : 15.7/19

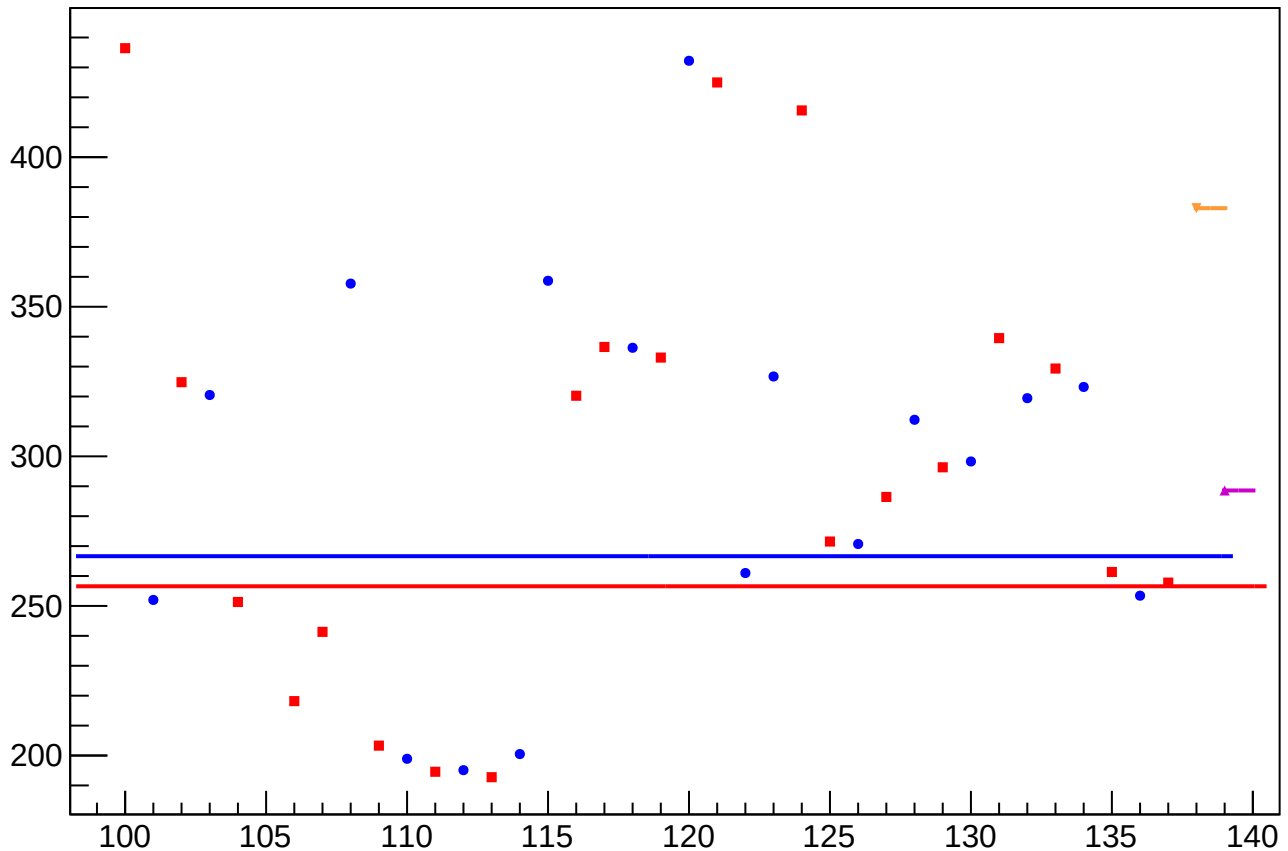
Left In: -123.113+/-415.398 χ^2/NDF : 0.0/0

101.573+/-102.601 χ^2/NDF : 19.2/17

174.455+/-70.286 χ^2/NDF : 36.7/38

238.900+/-96.480 χ^2/NDF : 16.5/20

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624 ± 0.074 χ^2/NDF : 550752.5/16

Left Out: 382.953 ± 0.320 χ^2/NDF : 0.0/0

Right Out: 256.570 ± 0.070 χ^2/NDF : 701804.1/19

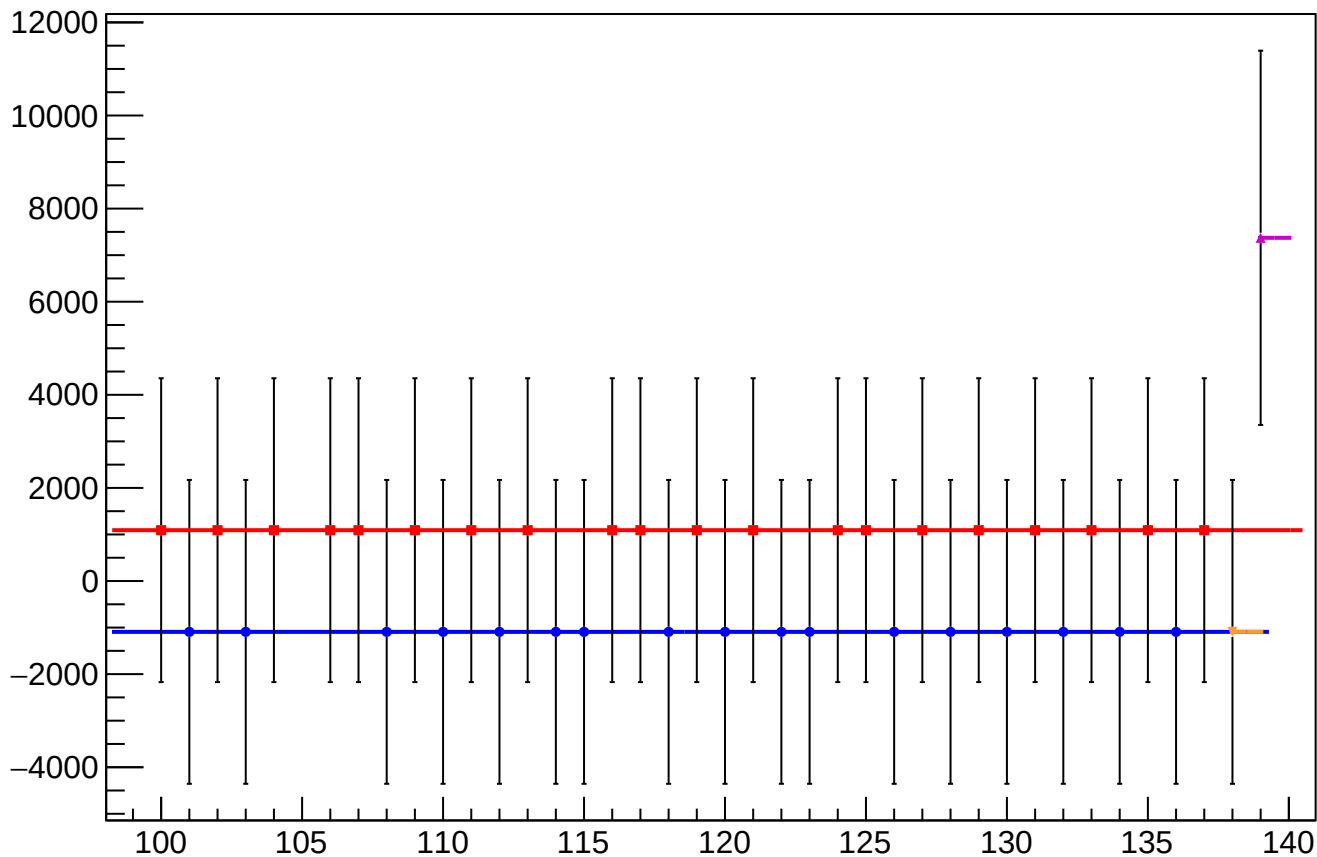
Left In: 288.595 ± 0.294 χ^2/NDF : 0.0/0

272.587 ± 0.073 χ^2/NDF : 675772.7/17

265.003 ± 0.050 χ^2/NDF : 1409409.8/38

258.298 ± 0.068 χ^2/NDF : 713049.8/20

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -1092.185 $\pm$ 791.569 χ^2 /NDF: 0.0/16

Left Out: -1092.185 $\pm$ 3263.723 χ^2 /NDF: 0.0/0

Right Out: 1092.185 $\pm$ 729.791 χ^2 /NDF: 0.0/19

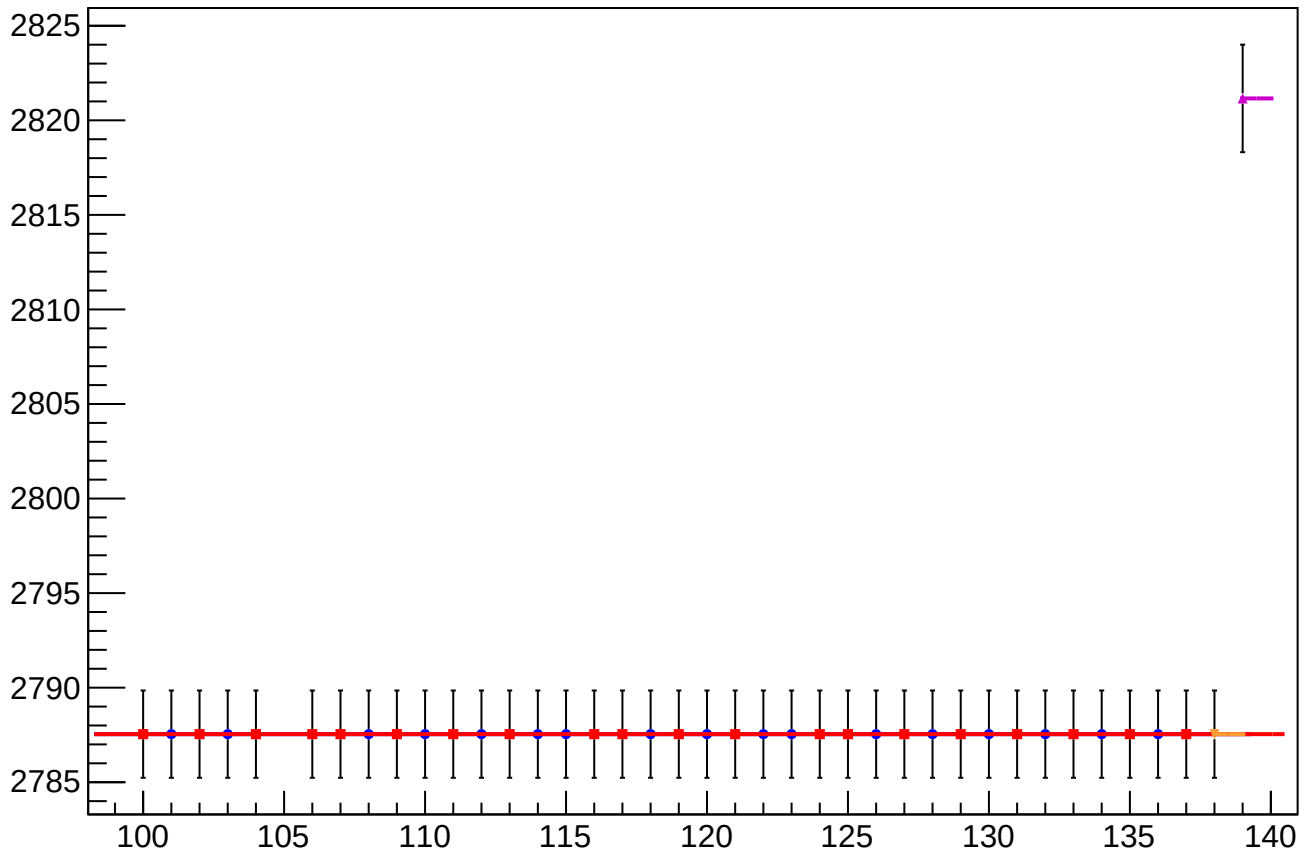
Left In: 7372.597 $\pm$ 4020.042 χ^2 /NDF: 0.0/0

-1092.185 $\pm$ 769.267 χ^2 /NDF: 0.0/17

182.203 $\pm$ 524.913 χ^2 /NDF: 7.5/38

1292.559 $\pm$ 718.054 χ^2 /NDF: 2.4/20

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2787.542 $\pm$ 0.560 χ^2 /NDF: 0.0/16

Left Out: 2787.542 $\pm$ 2.308 χ^2 /NDF:0.0/0

Right Out: 2787.542 $\pm$ 0.516 χ^2 /NDF: 0.0/19

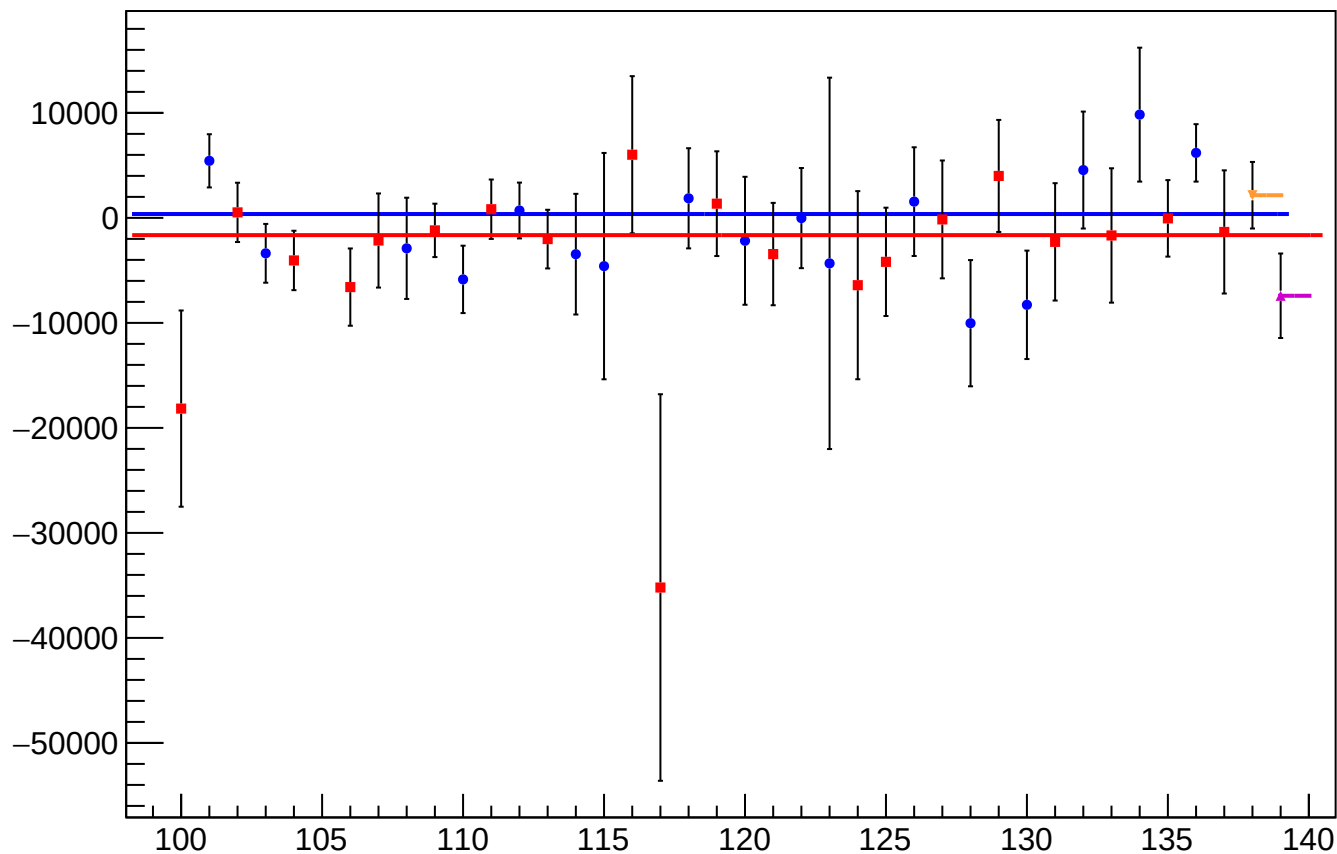
Left In: 2821.158 $\pm$ 2.843 χ^2 /NDF:0.0/0

2787.542 $\pm$ 0.544 χ^2 /NDF: 0.0/17

2788.115 $\pm$ 0.371 χ^2 /NDF: 137.5/38

2788.614 $\pm$ 0.508 χ^2 /NDF: 135.4/20

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: -1641.960+/-922.841 χ^2/NDF : 13.9/19

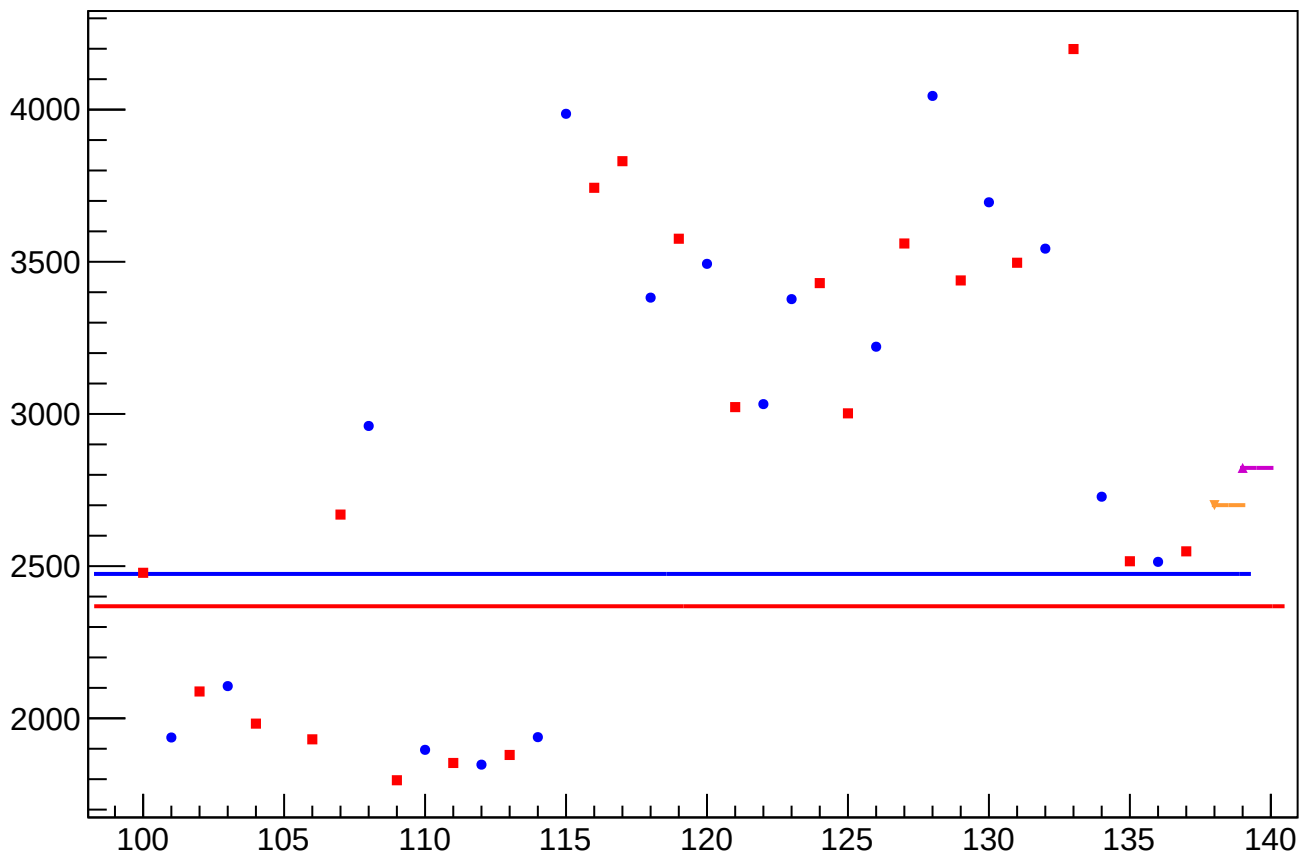
Left In: -7416.821+/-4023.614 χ^2/NDF : 0.0/0

526.399+/-947.153 χ^2/NDF : 24.5/17

-765.460+/-652.233 χ^2/NDF : 43.8/38

-1930.561+/-899.485 χ^2/NDF : 15.8/20

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2700.423+/-2.242 χ^2/NDF : 0.0/0

Right Out: 2368.193+/-0.653 χ^2/NDF : 1036059.3/19

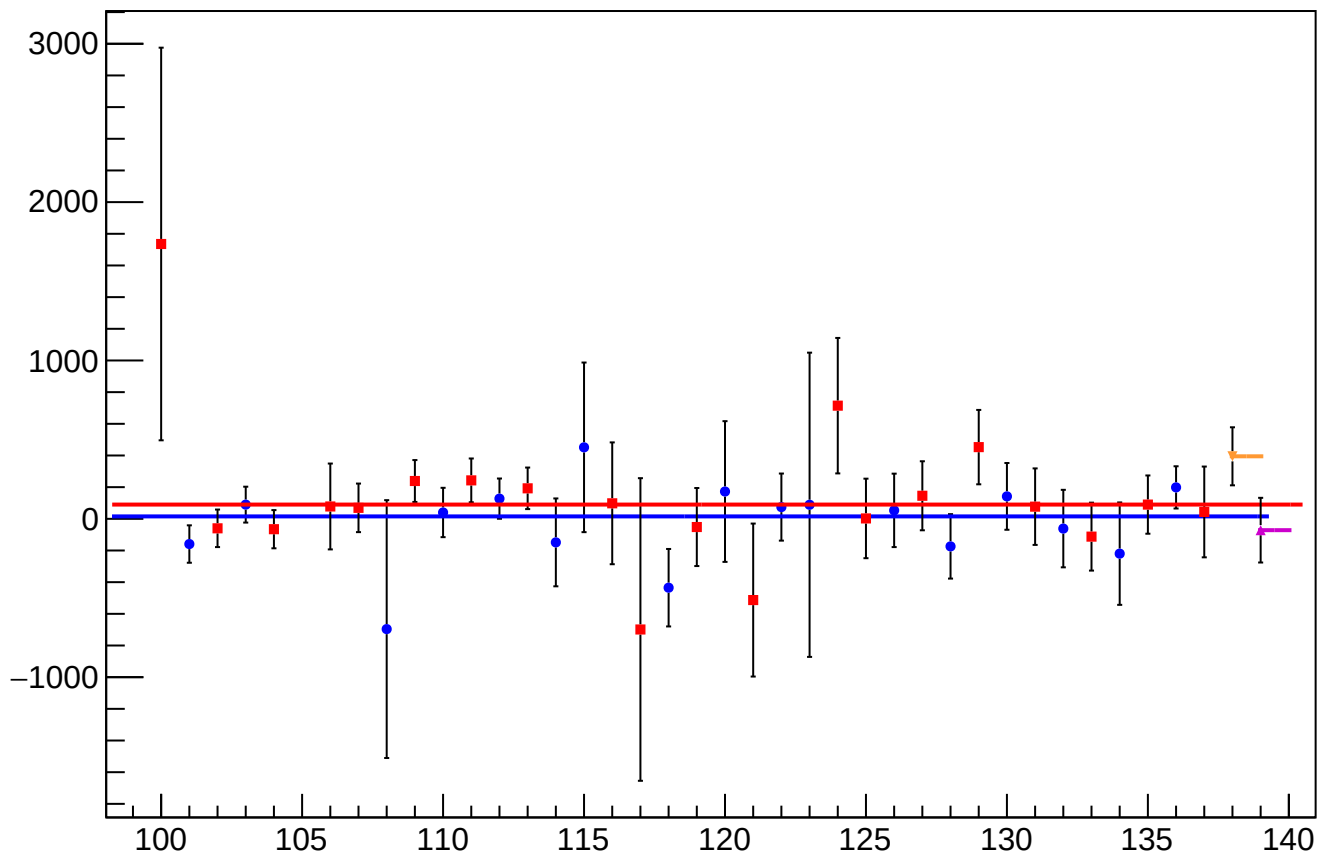
Left In: 2822.777+/-2.845 χ^2/NDF : 0.0/0

2494.564+/-0.670 χ^2/NDF : 915521.3/17

2440.063+/-0.461 χ^2/NDF : 1988427.6/38

2390.911+/-0.636 χ^2/NDF : 1060312.1/20

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: 90.013+/-43.274 χ^2/NDF : 16.3/19

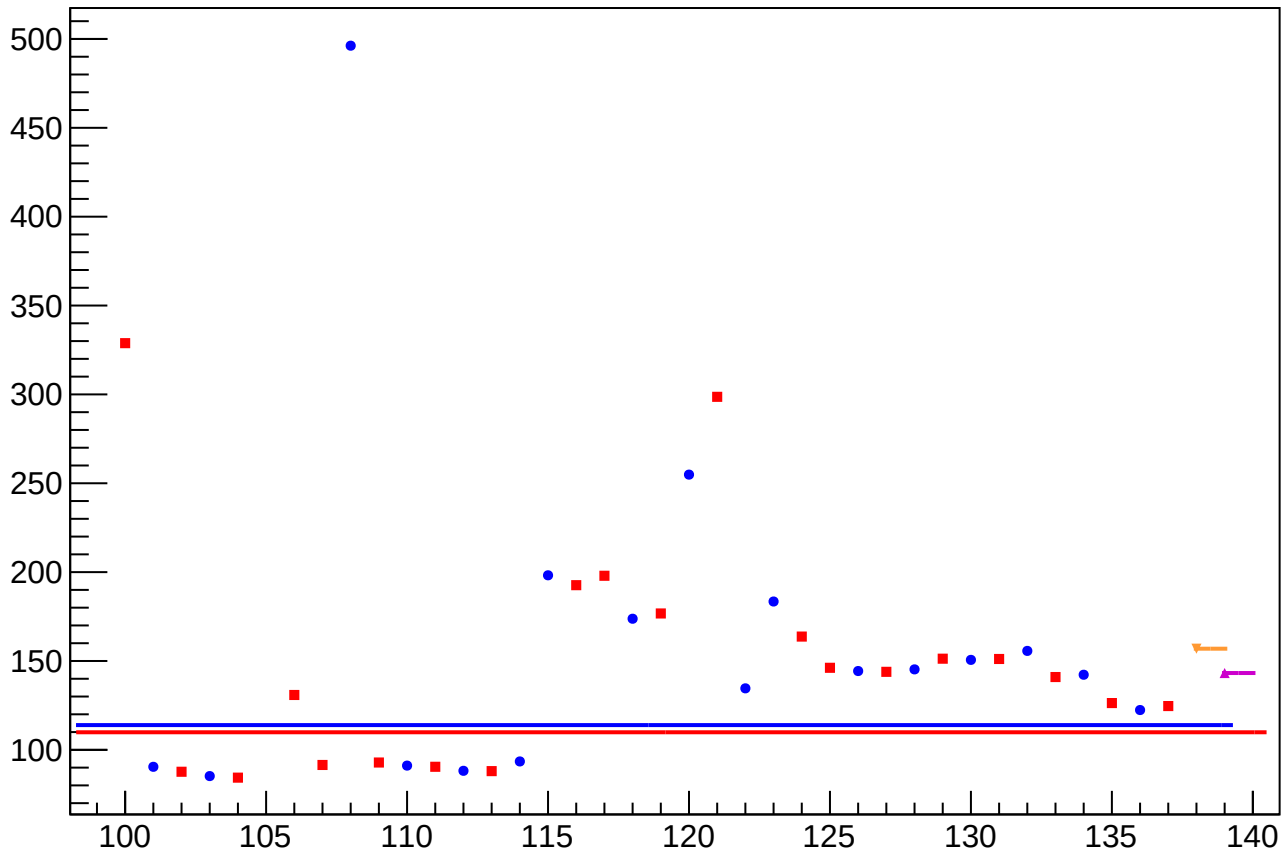
Left In: -71.634+/-204.233 χ^2/NDF : 0.0/0

38.204+/-45.020 χ^2/NDF : 16.6/17

62.014+/-30.841 χ^2/NDF : 34.1/38

83.067+/-42.334 χ^2/NDF : 16.9/20

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 156.917 $\pm$ 0.130 χ^2 /NDF: 0.0/0

Right Out: 109.890 $\pm$ 0.031 χ^2 /NDF: 1259035.3/19

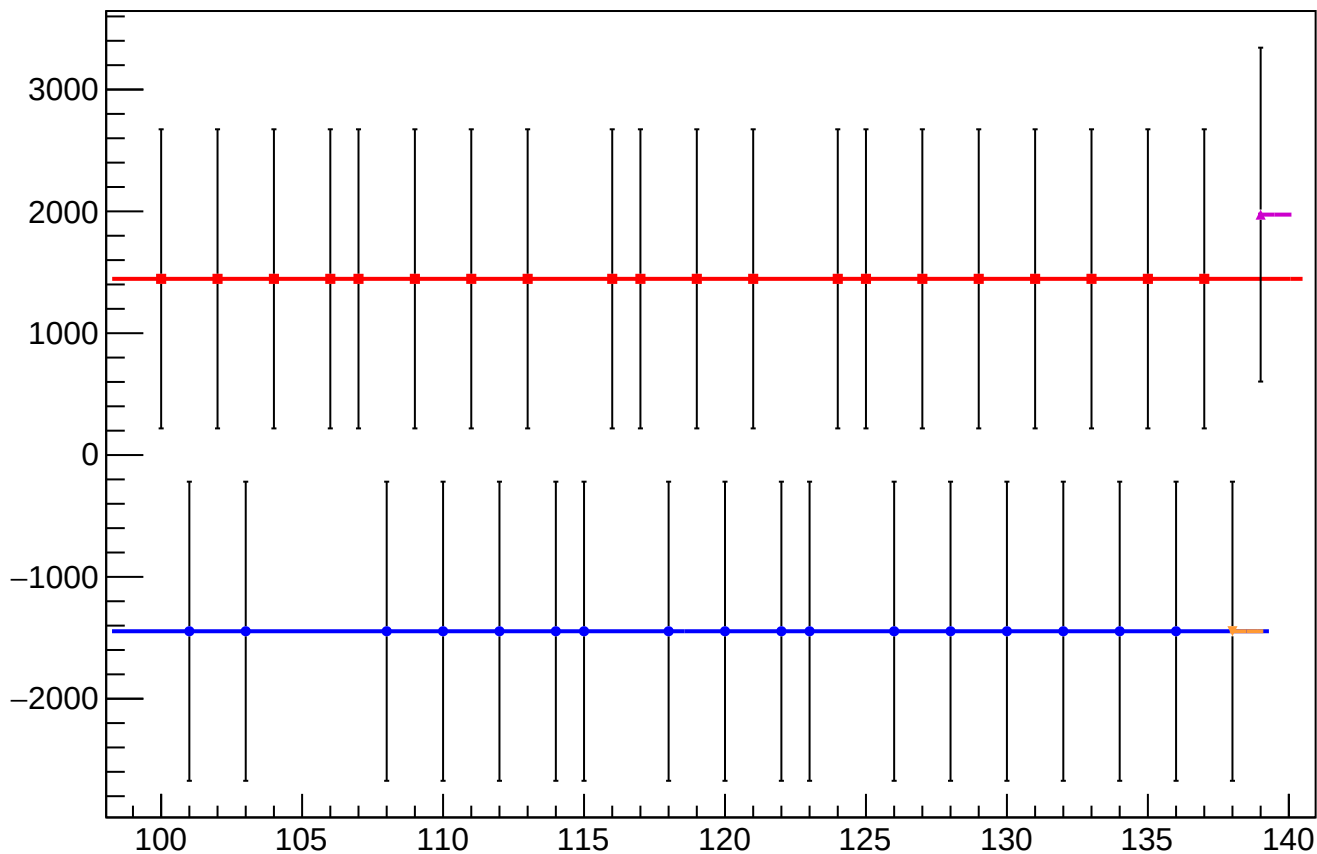
Left In: 143.228 $\pm$ 0.144 χ^2 /NDF: 0.0/0

116.526 $\pm$ 0.032 χ^2 /NDF: 1511238.2/17

113.764 $\pm$ 0.022 χ^2 /NDF: 2835451.5/38

111.323 $\pm$ 0.030 χ^2 /NDF: 1310036.7/20

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -1446.171 $\pm$ 297.710 χ^2 /NDF: 0.0/16

Left Out: -1446.171 $\pm$ 1227.491 χ^2 /NDF: 0.0/0

Right Out: 1446.171 $\pm$ 274.475 χ^2 /NDF: 0.0/19

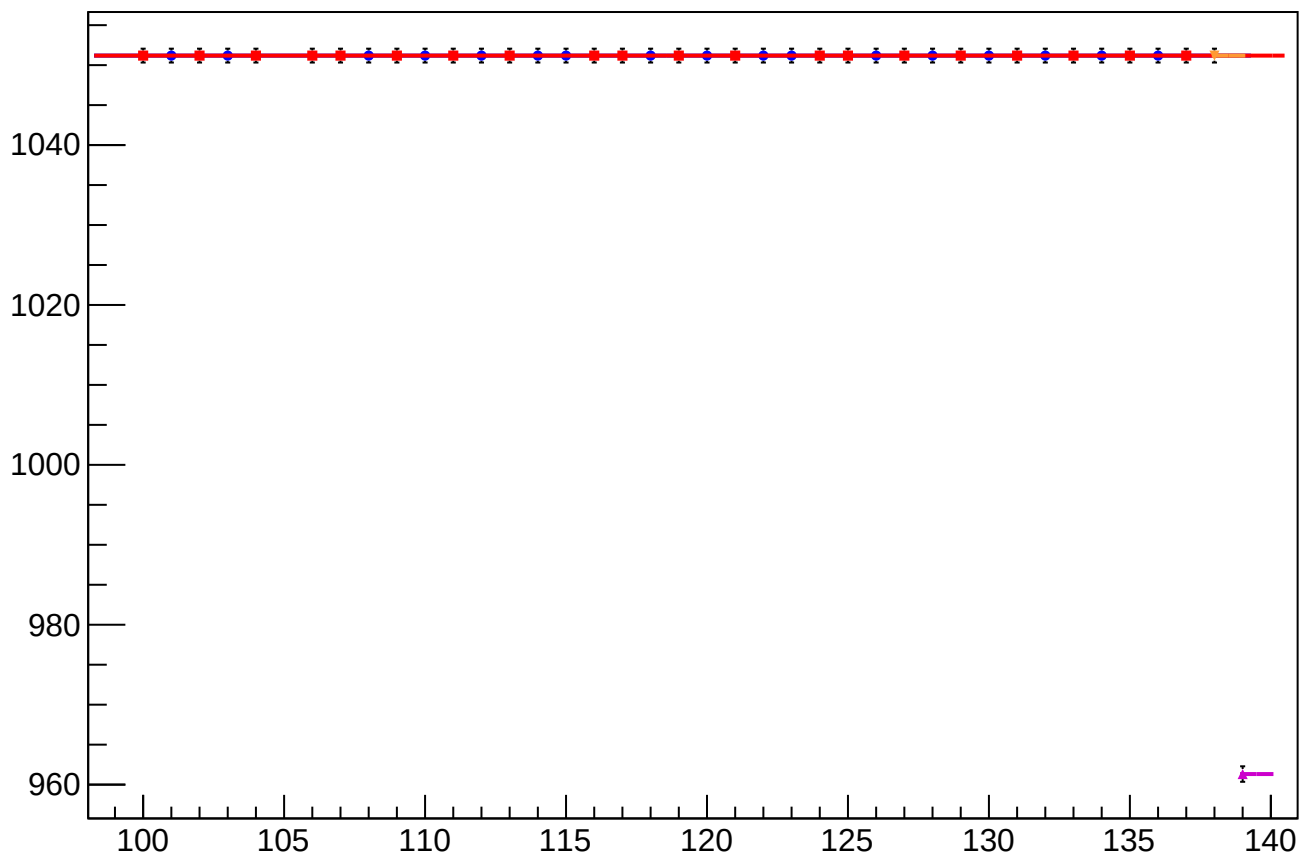
Left In: 1973.294 $\pm$ 1370.270 χ^2 /NDF: 0.0/0

-1446.171 $\pm$ 289.322 χ^2 /NDF: 0.0/17

115.349 $\pm$ 197.056 χ^2 /NDF: 54.5/38

1466.505 $\pm$ 269.129 χ^2 /NDF: 0.1/20

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 1051.191 $\pm$ 0.211 χ^2 /NDF: 0.0/16

Left Out: 1051.191 $\pm$ 0.868 χ^2 /NDF: 0.0/0

Right Out: 1051.191 $\pm$ 0.194 χ^2 /NDF: 0.0/19

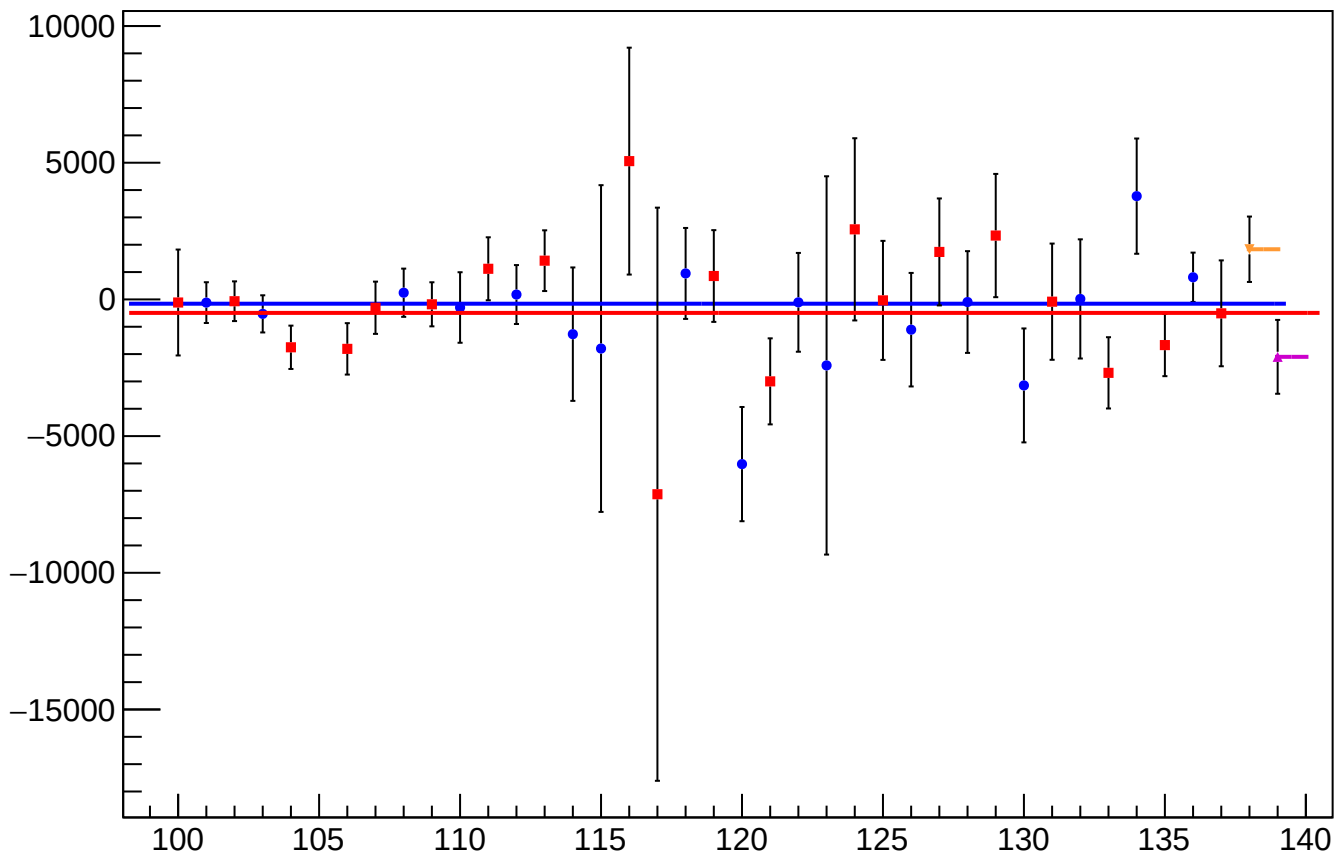
Left In: 961.322 $\pm$ 0.969 χ^2 /NDF: 0.0/0

1051.191 $\pm$ 0.205 χ^2 /NDF: 0.0/17

1049.332 $\pm$ 0.139 χ^2 /NDF: 8424.9/38

1047.724 $\pm$ 0.190 χ^2 /NDF: 8270.9/20

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: -493.409+/-282.656 χ^2/NDF : 23.0/19

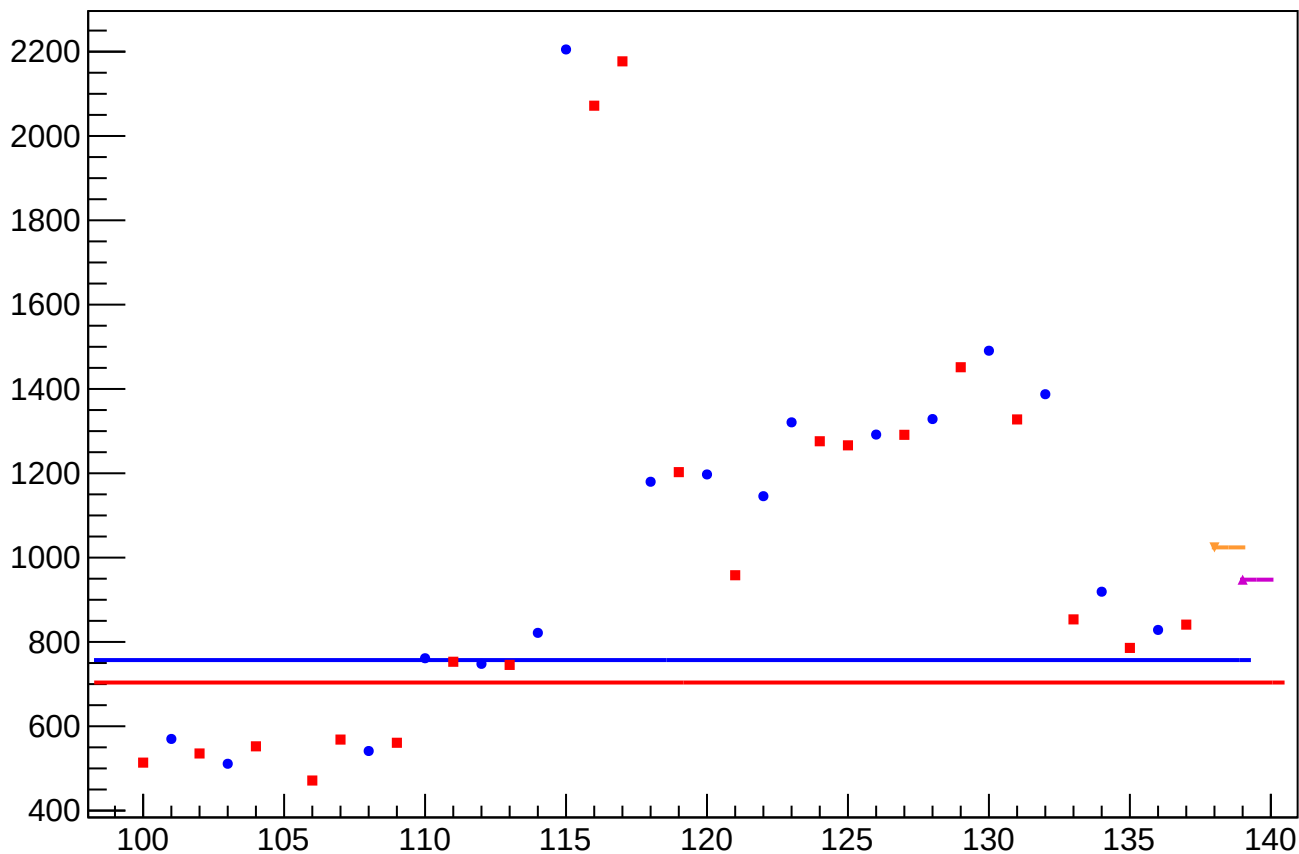
Left In: -2100.656+/-1350.865 χ^2/NDF : 0.0/0

-29.912+/-302.351 χ^2/NDF : 18.8/17

-318.875+/-204.109 χ^2/NDF : 44.9/38

-560.825+/-276.664 χ^2/NDF : 24.4/20

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 1024.234 $\pm$ 0.846 χ^2 /NDF: 0.0/0

Right Out: 703.728 $\pm$ 0.200 χ^2 /NDF: 1729114.9/19

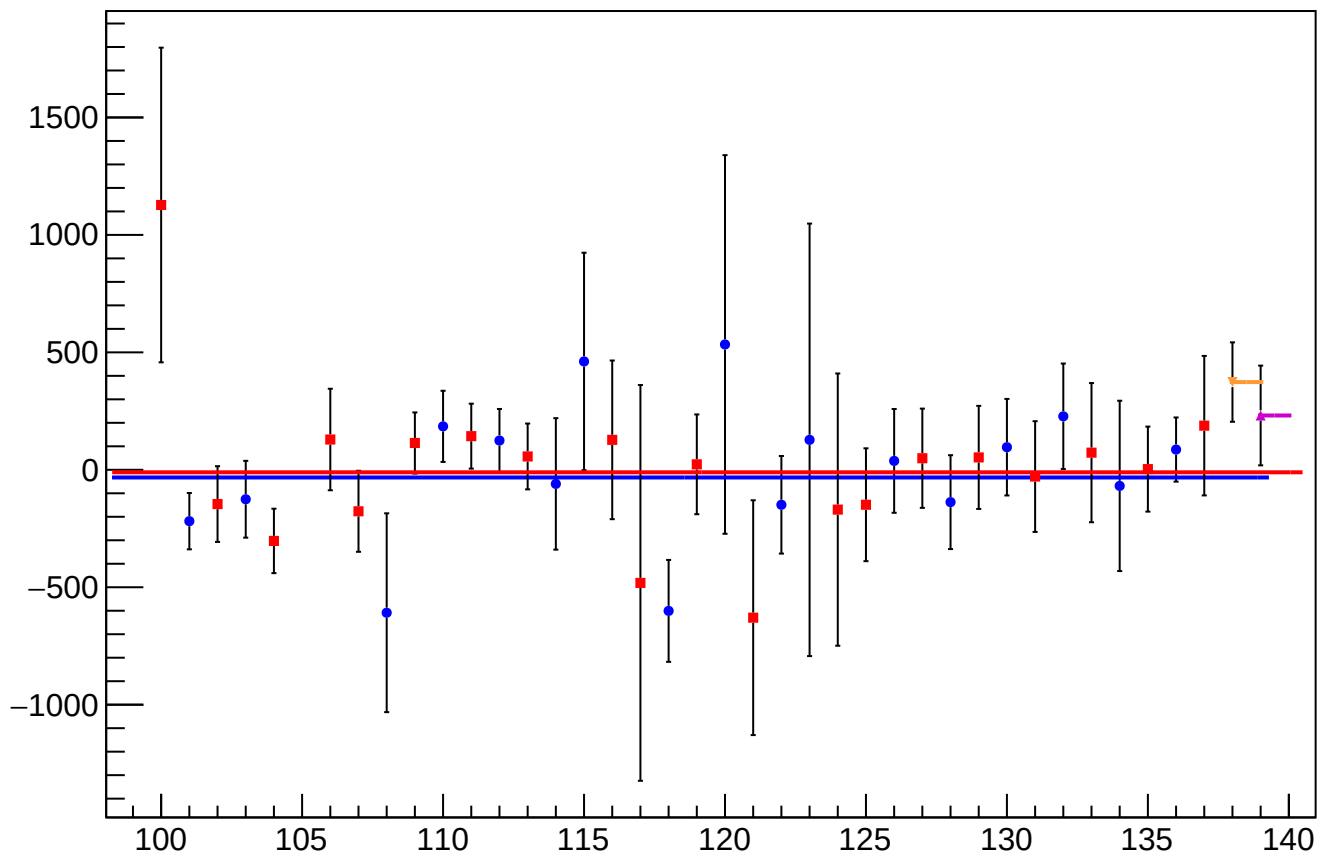
Left In: 947.690 $\pm$ 0.955 χ^2 /NDF: 0.0/0

774.061 $\pm$ 0.214 χ^2 /NDF: 1804747.4/17

741.350 $\pm$ 0.144 χ^2 /NDF: 3639367.1/38

713.961 $\pm$ 0.196 χ^2 /NDF: 1791609.3/20

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: -10.656 ± 45.533 χ^2/NDF : 15.0/19

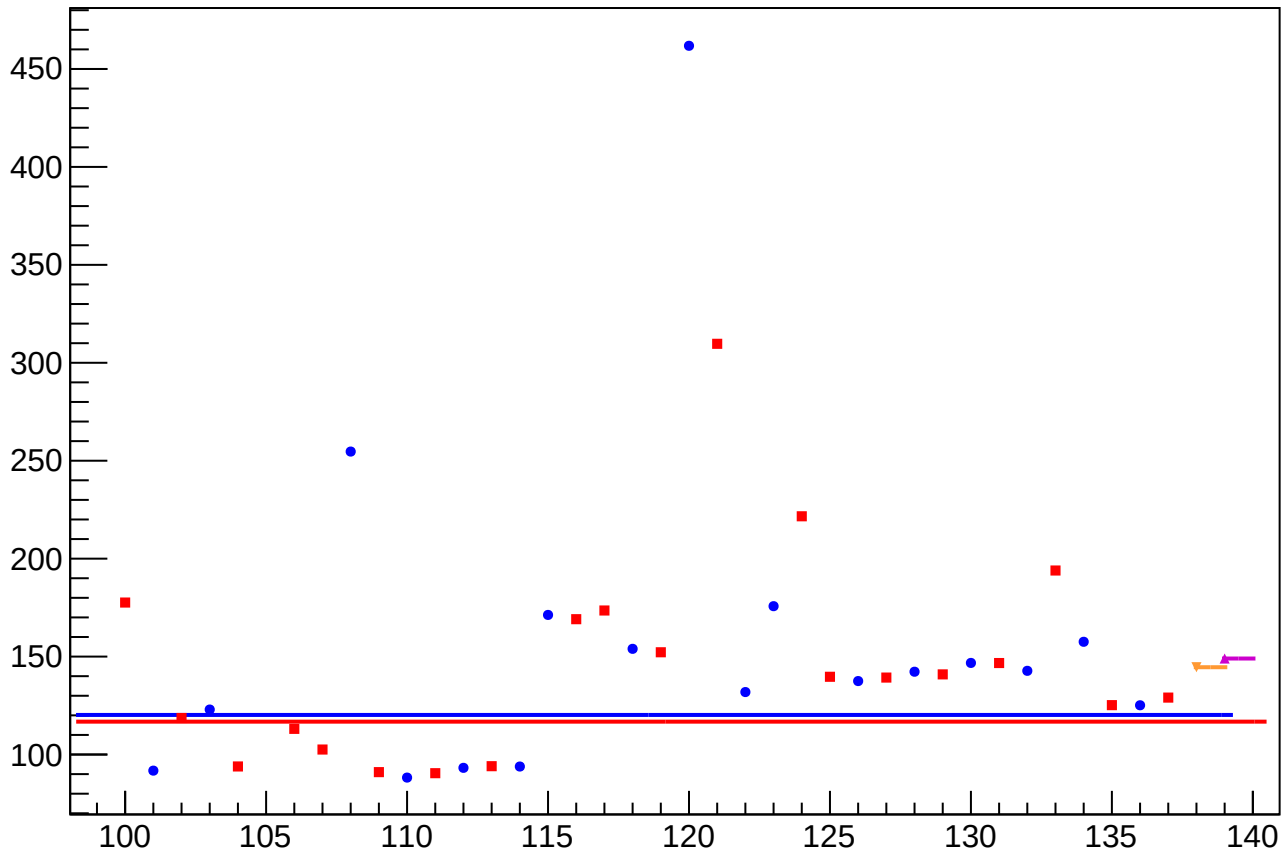
Left In: 231.254 ± 212.290 χ^2/NDF : 0.0/0

-1.890 ± 46.559 χ^2/NDF : 25.1/17

-0.911 ± 32.177 χ^2/NDF : 41.3/38

-0.017 ± 44.520 χ^2/NDF : 16.2/20

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: 116.784 $\pm$ 0.032 χ^2 /NDF: 1007058.0/19

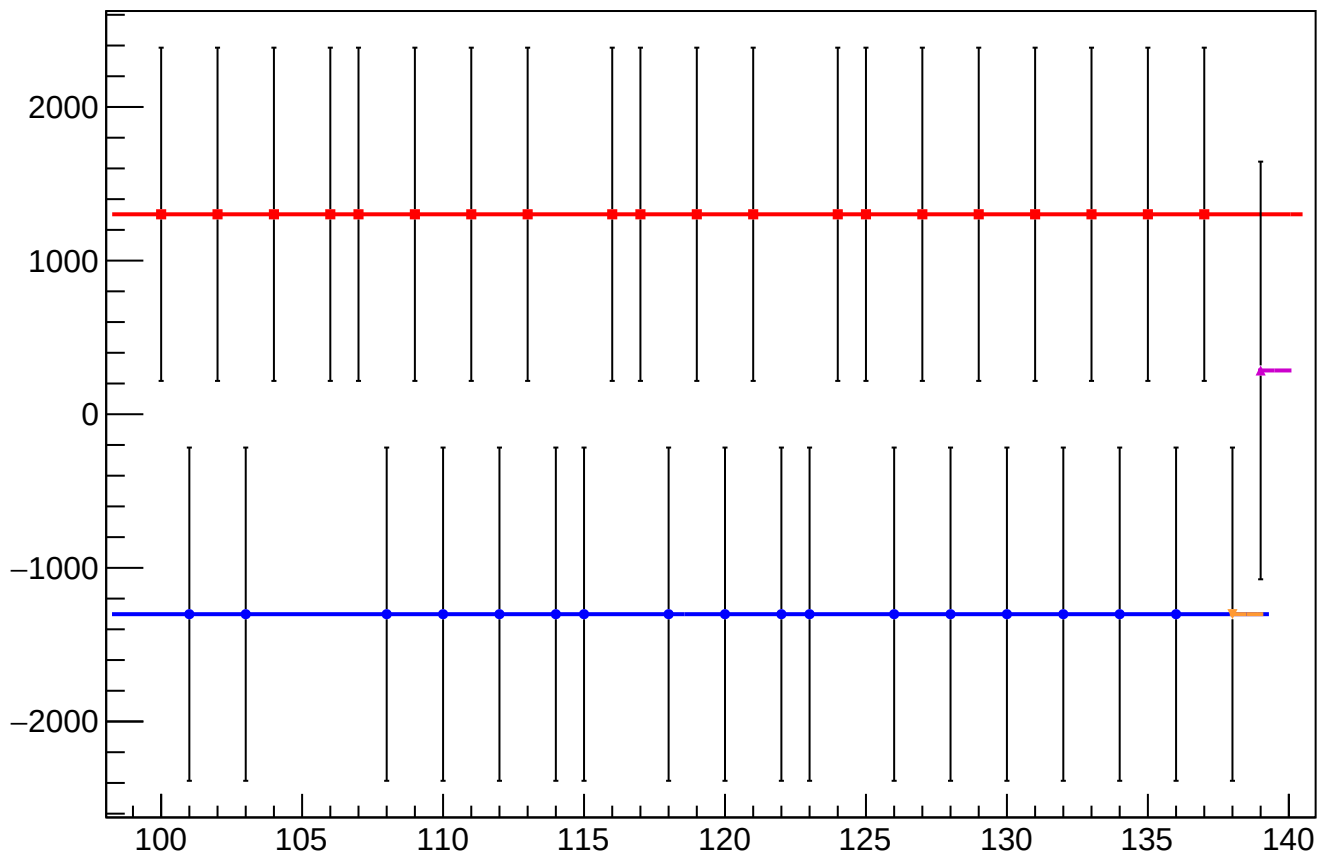
Left In: 149.012 $\pm$ 0.150 χ^2 /NDF: 0.0/0

122.054 $\pm$ 0.033 χ^2 /NDF: 1100711.2/17

120.042 $\pm$ 0.023 χ^2 /NDF: 2158988.8/38

118.202 $\pm$ 0.031 χ^2 /NDF: 1051123.9/20

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -1301.487 ± 263.046 χ^2/NDF : 0.0/16

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

Right Out: 1301.487 ± 242.517 χ^2/NDF : 0.0/19

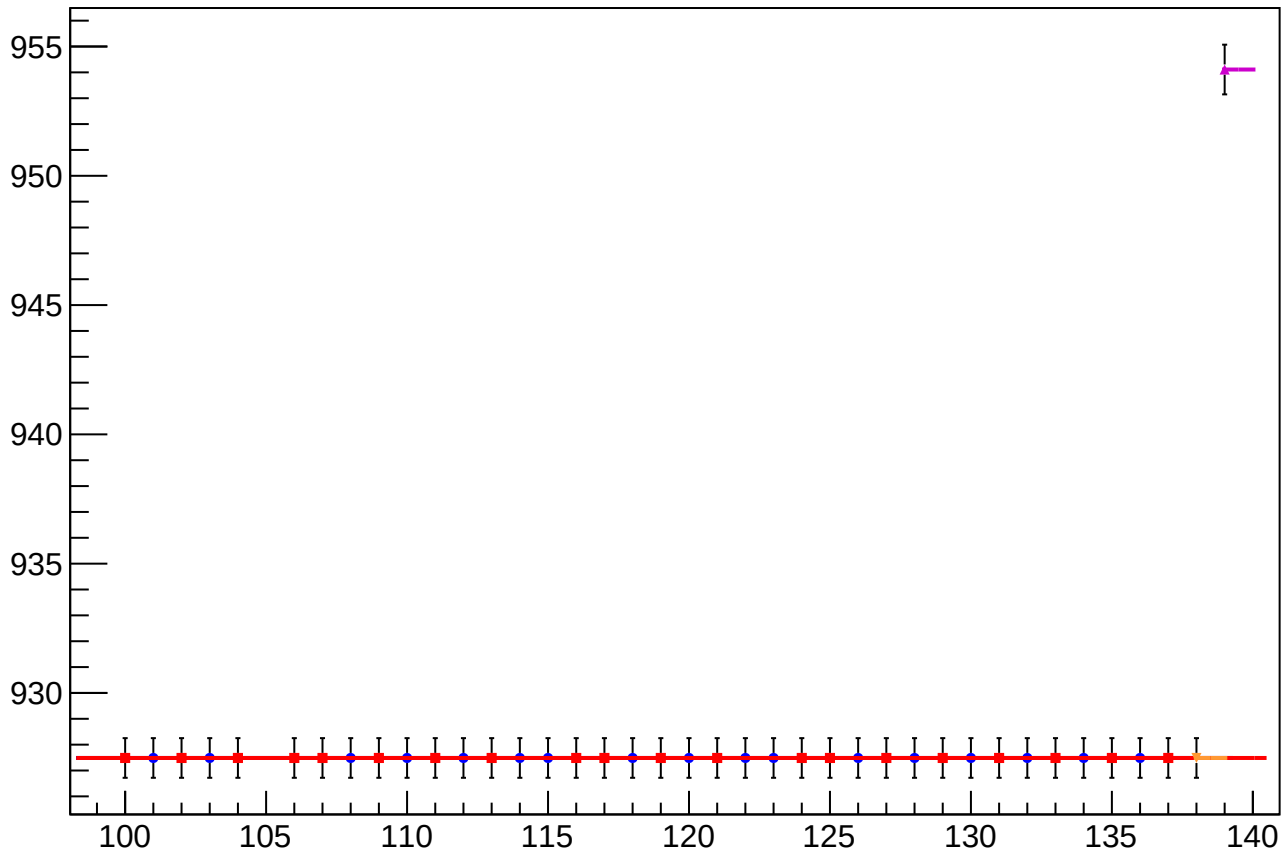
Left In: 284.914 ± 1359.339 χ^2/NDF : 0.0/0

-1301.487 ± 255.635 χ^2/NDF : 0.0/17

72.065 ± 174.485 χ^2/NDF : 54.6/38

1270.128 ± 238.747 χ^2/NDF : 0.5/20

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 927.485 $\pm$ 0.186 χ^2 /NDF: 0.0/16

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

Right Out: 927.485 $\pm$ 0.171 χ^2 /NDF: 0.0/19

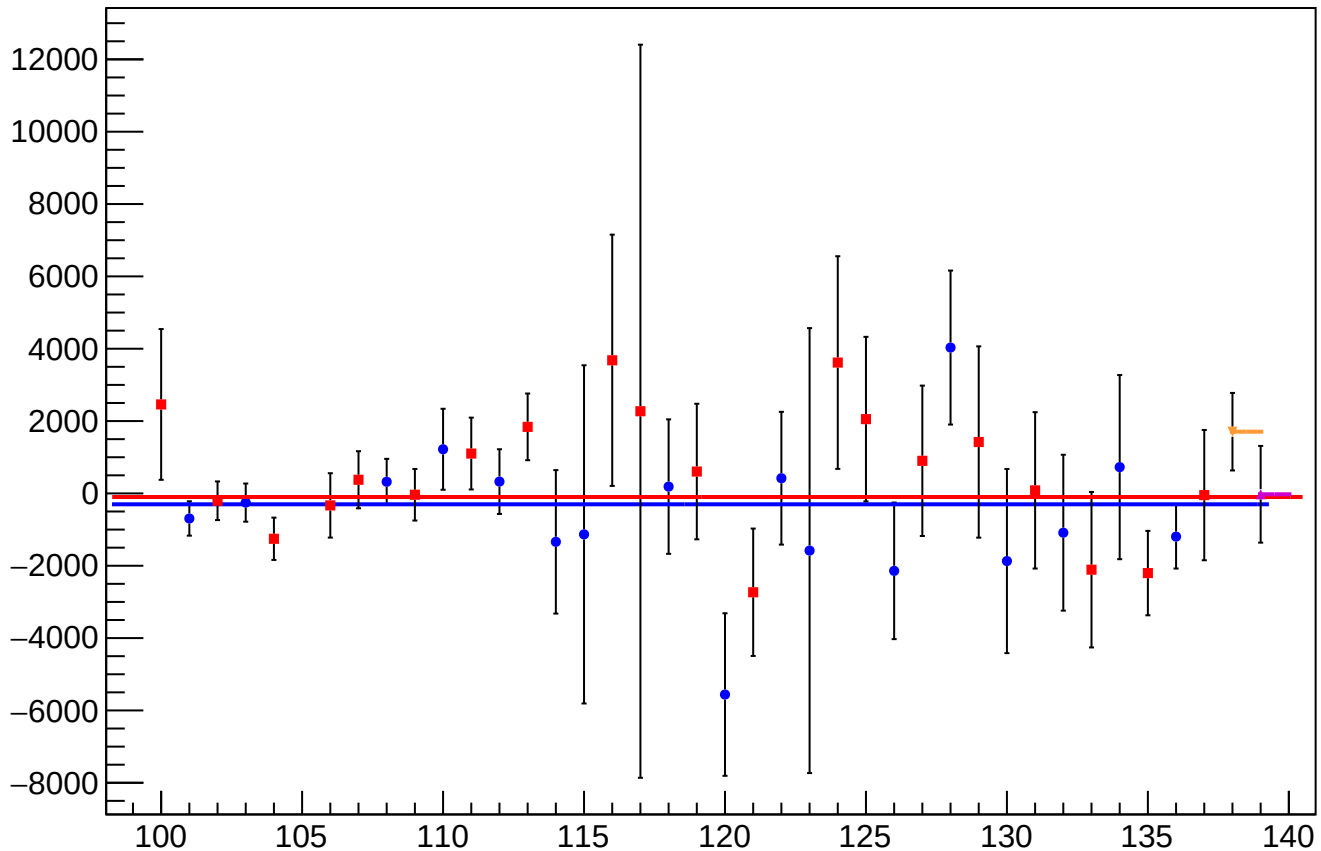
Left In: 954.110 $\pm$ 0.961 χ^2 /NDF: 0.0/0

927.485 $\pm$ 0.181 χ^2 /NDF: 0.0/17

927.924 $\pm$ 0.123 χ^2 /NDF: 754.6/38

928.306 $\pm$ 0.169 χ^2 /NDF: 743.6/20

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 $\pm$ 250.042 χ^2 /NDF: 16.8/16

Left Out: 1706.383 $\pm$ 1071.778 χ^2 /NDF: 0.0/0

Right Out: -99.460 $\pm$ 245.908 χ^2 /NDF: 22.6/19

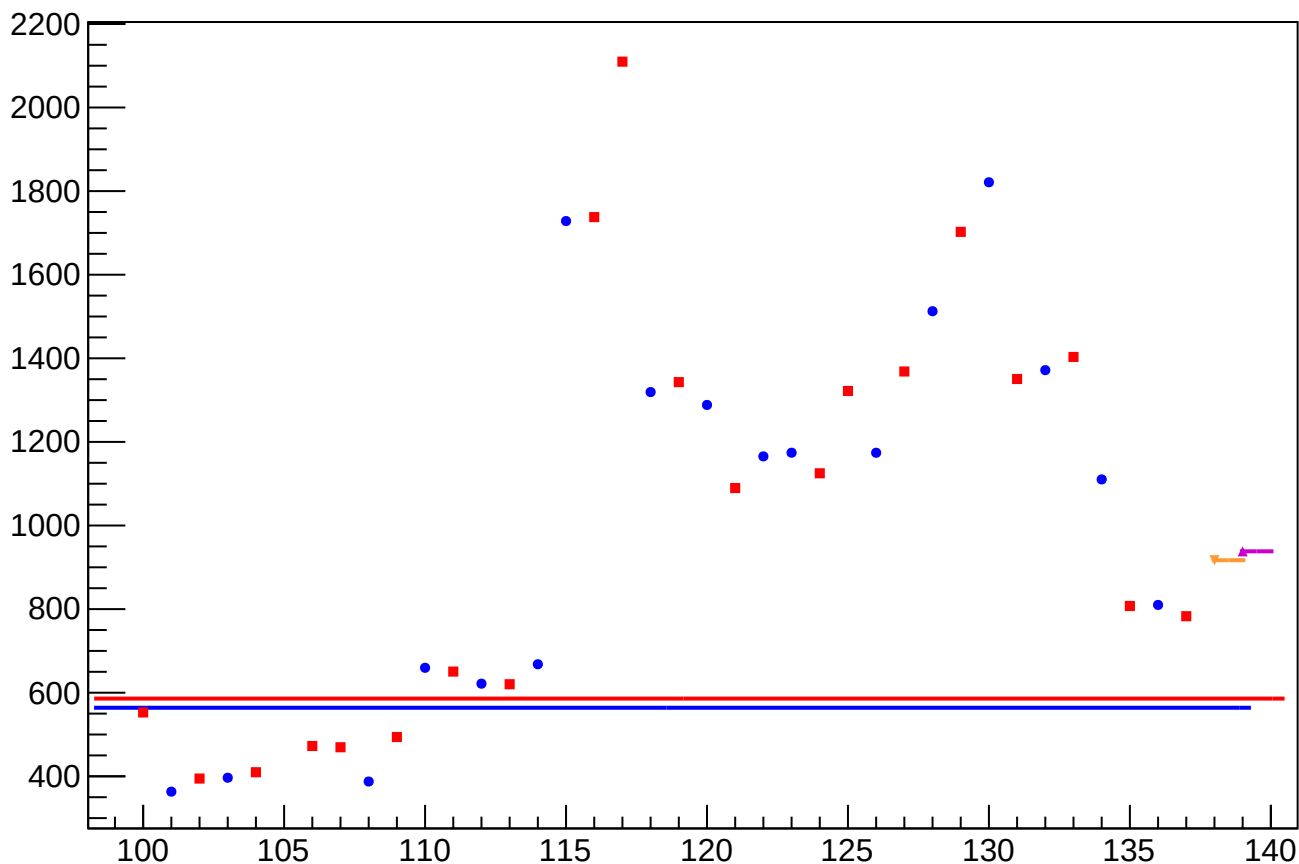
Left In: -24.246 $\pm$ 1336.758 χ^2 /NDF: 0.0/0

-197.383 $\pm$ 243.504 χ^2 /NDF: 20.2/17

-146.849 $\pm$ 171.596 χ^2 /NDF: 42.8/38

-96.998 $\pm$ 241.850 χ^2 /NDF: 22.6/20

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 916.949 $\pm$ 0.758 χ^2 /NDF: 0.0/0

Right Out: 585.967 $\pm$ 0.174 χ^2 /NDF: 2866076.4/19

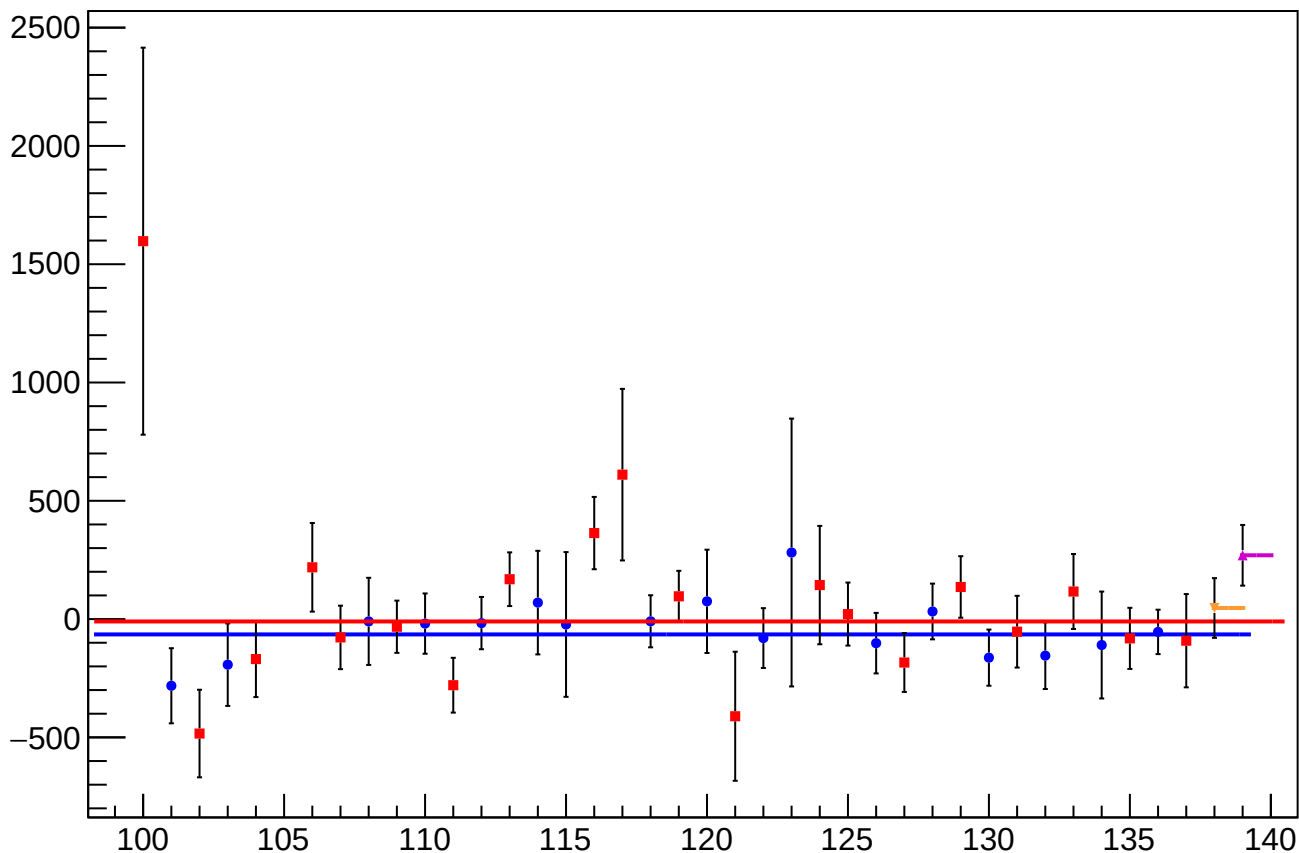
Left In: 938.242 $\pm$ 0.945 χ^2 /NDF: 0.0/0

582.222 $\pm$ 0.172 χ^2 /NDF: 3467184.8/17

589.912 $\pm$ 0.121 χ^2 /NDF: 6471572.7/38

597.498 $\pm$ 0.171 χ^2 /NDF: 3000425.2/20

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: -10.023 ± 33.281 χ^2/NDF : 37.9/19

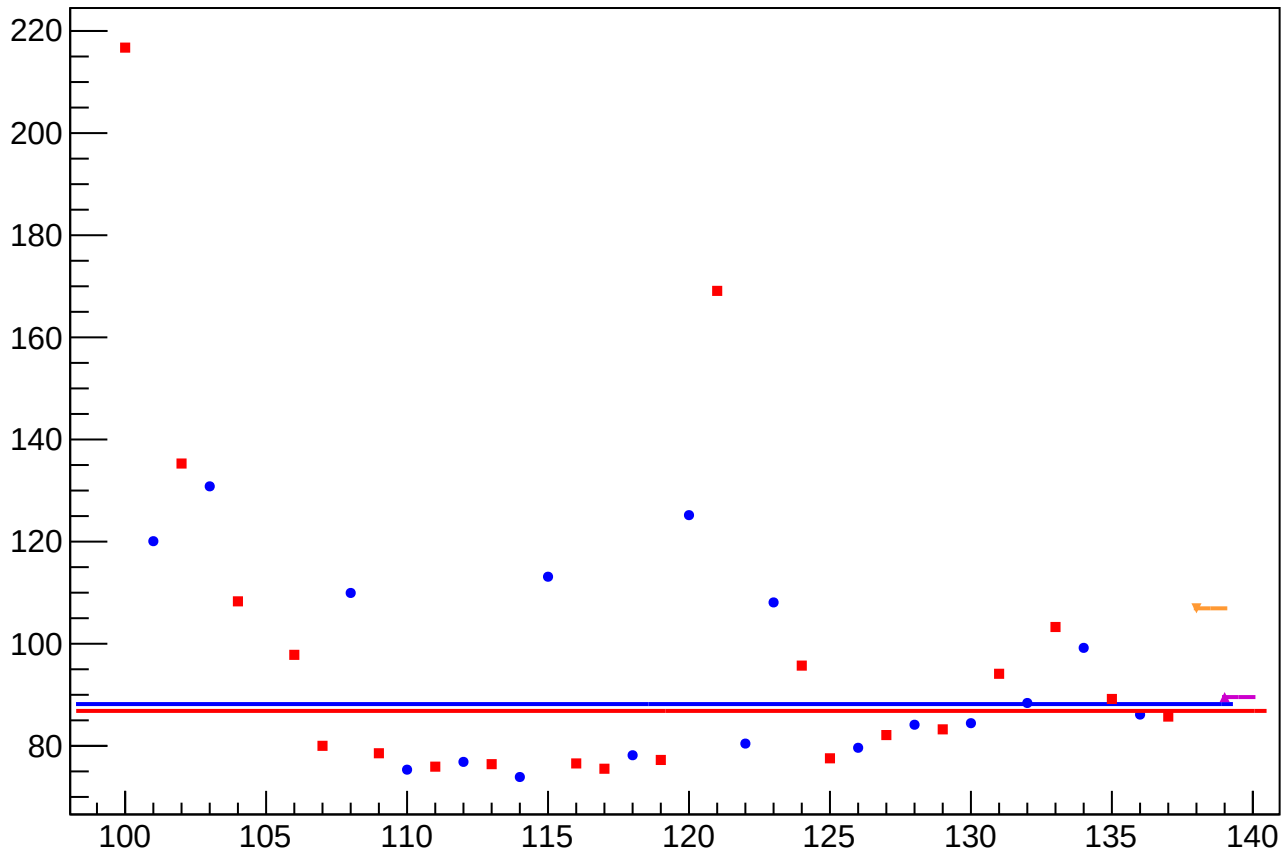
Left In: 269.683 ± 128.279 χ^2/NDF : 0.0/0

-56.968 ± 33.394 χ^2/NDF : 6.9/17

-23.515 ± 23.185 χ^2/NDF : 51.2/38

7.616 ± 32.214 χ^2/NDF : 42.4/20

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: 86.847 $\pm$ 0.024 χ^2 /NDF: 533326.2/19

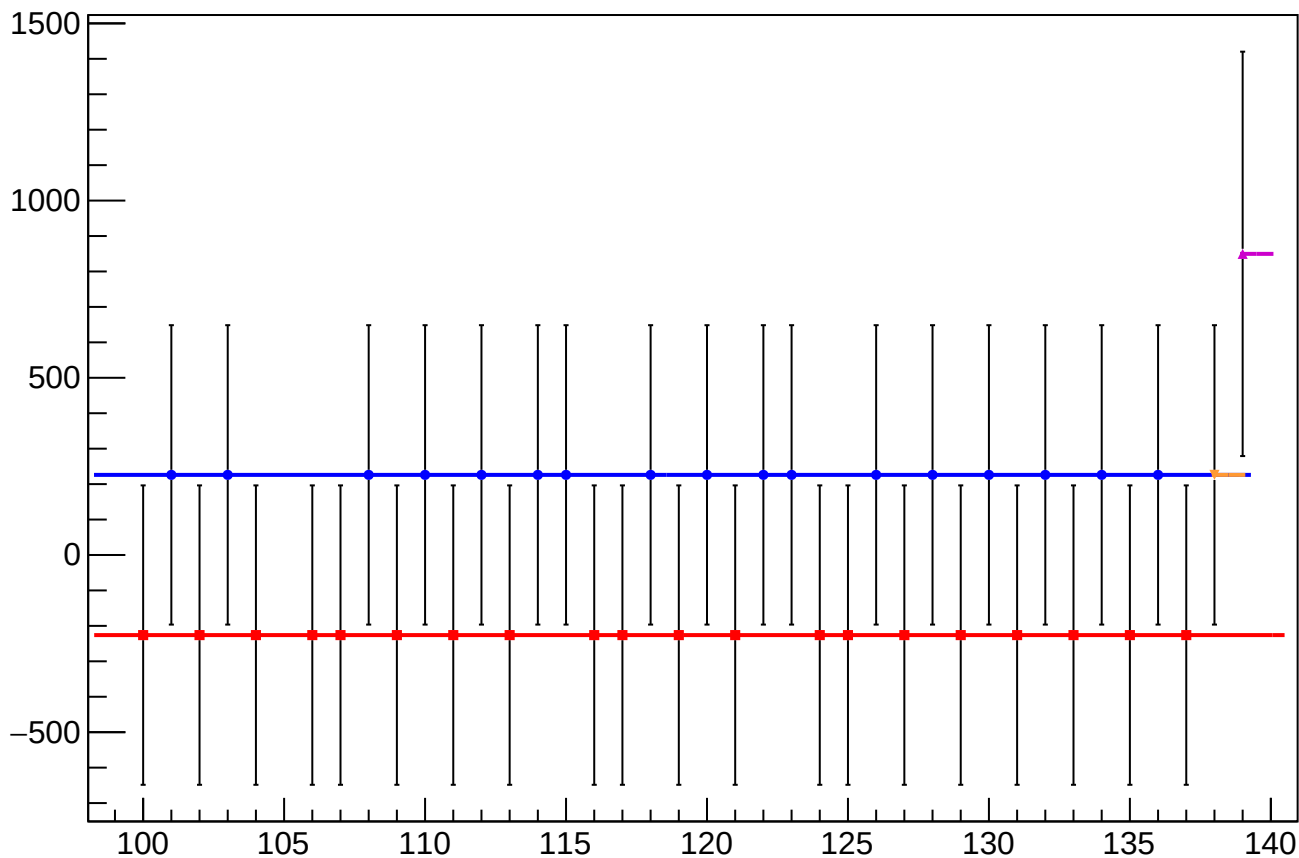
Left In: 89.559 $\pm$ 0.091 χ^2 /NDF: 0.0/0

89.500 $\pm$ 0.024 χ^2 /NDF: 435517.7/17

88.214 $\pm$ 0.016 χ^2 /NDF: 975403.0/38

87.018 $\pm$ 0.023 χ^2 /NDF: 534163.7/20

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 226.028 $\pm$ 102.449 χ^2/NDF : 0.0/16

Left Out: 226.028 $\pm$ 422.409 χ^2/NDF : 0.0/0

Right Out: -226.028 $\pm$ 94.454 χ^2/NDF : 0.0/19

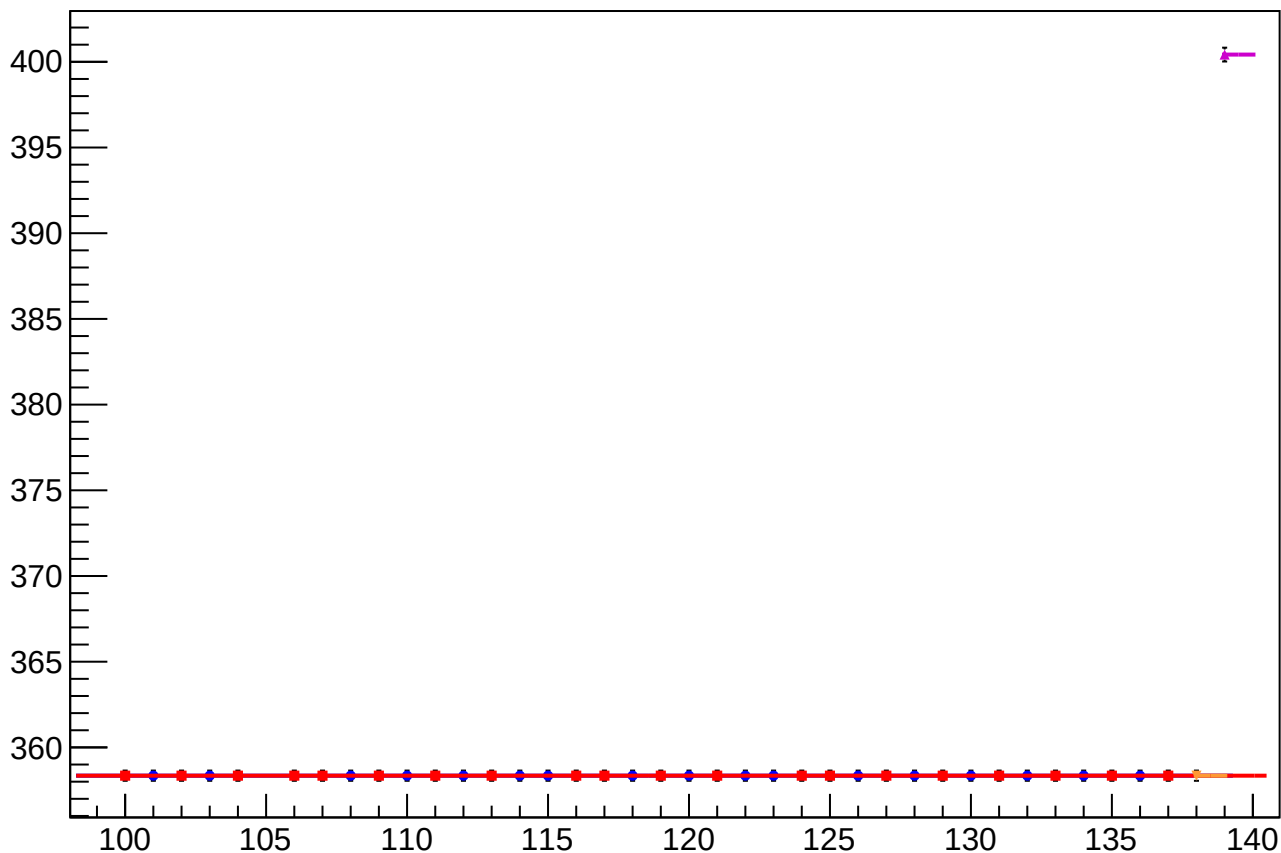
Left In: 849.660 $\pm$ 570.527 χ^2/NDF : 0.0/0

226.028 $\pm$ 99.563 χ^2/NDF : 0.0/17

0.355 $\pm$ 68.035 χ^2/NDF : 13.1/38

-197.332 $\pm$ 93.185 χ^2/NDF : 3.5/20

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 358.350 $\pm$ 0.072 χ^2 /NDF: 0.0/16

Left Out: 358.350 $\pm$ 0.299 χ^2 /NDF: 0.0/0

Right Out: 358.350 $\pm$ 0.067 χ^2 /NDF: 0.0/19

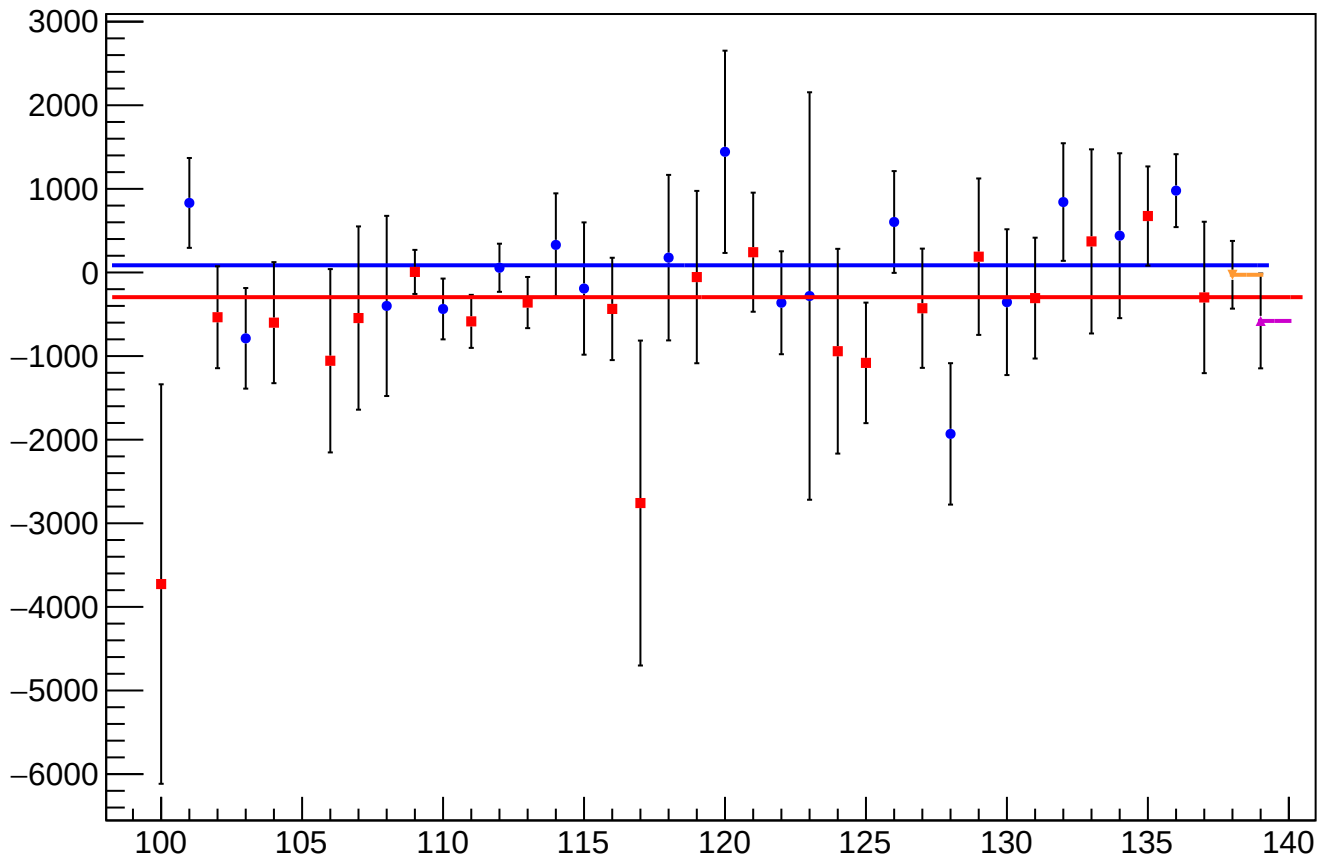
Left In: 400.422 $\pm$ 0.403 χ^2 /NDF: 0.0/0

358.350 $\pm$ 0.070 χ^2 /NDF: 0.0/17

358.948 $\pm$ 0.048 χ^2 /NDF: 10721.2/38

359.472 $\pm$ 0.066 χ^2 /NDF: 10585.7/20

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 $\pm$ 142.601 χ^2/NDF : 20.6/16

Left Out: -27.745 $\pm$ 405.009 χ^2/NDF : 0.0/0

Right Out: -295.409 $\pm$ 129.312 χ^2/NDF : 12.2/19

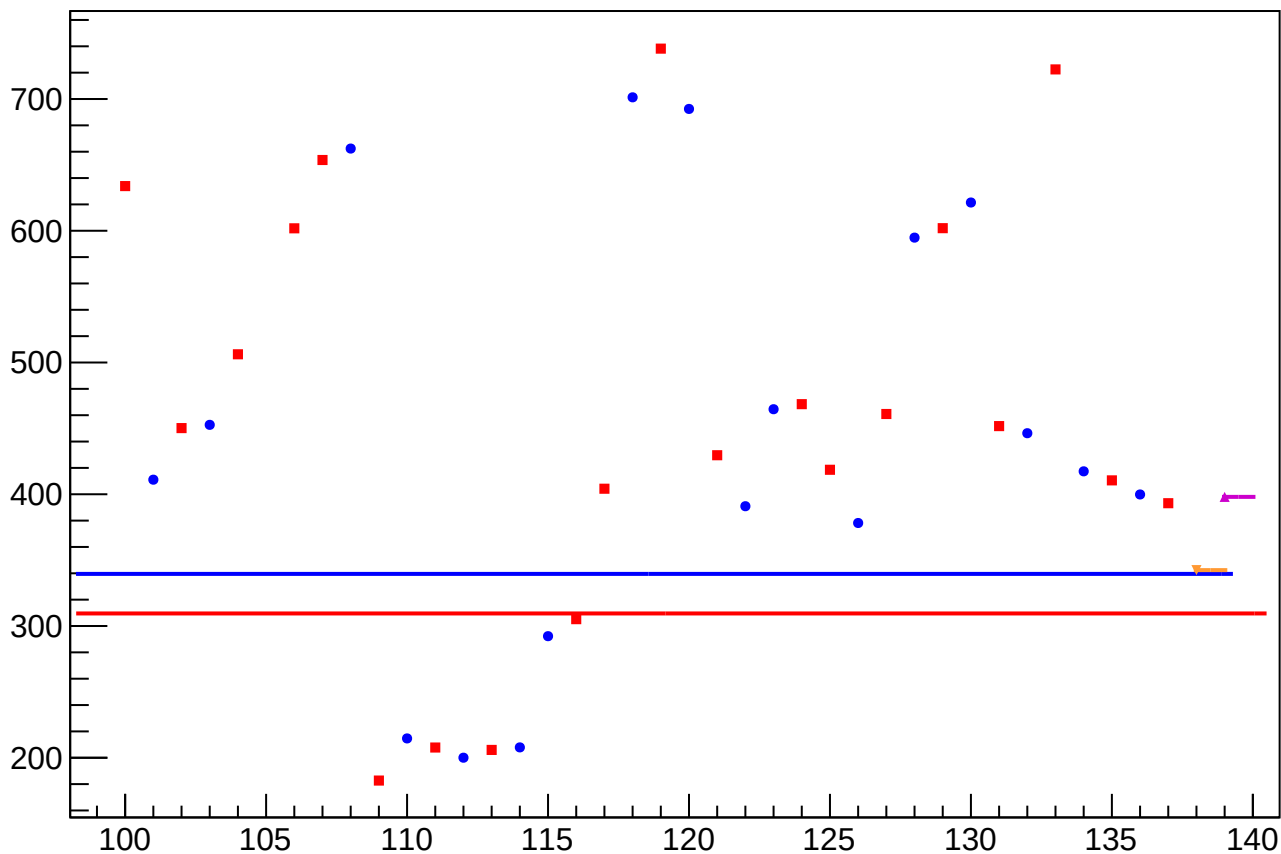
Left In: -579.699 $\pm$ 567.106 χ^2/NDF : 0.0/0

73.285 $\pm$ 134.507 χ^2/NDF : 20.6/17

-130.458 $\pm$ 91.985 χ^2/NDF : 37.4/38

-309.460 $\pm$ 126.076 χ^2/NDF : 12.5/20

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: 309.526+/-0.091 χ^2/NDF : 2735077.1/19

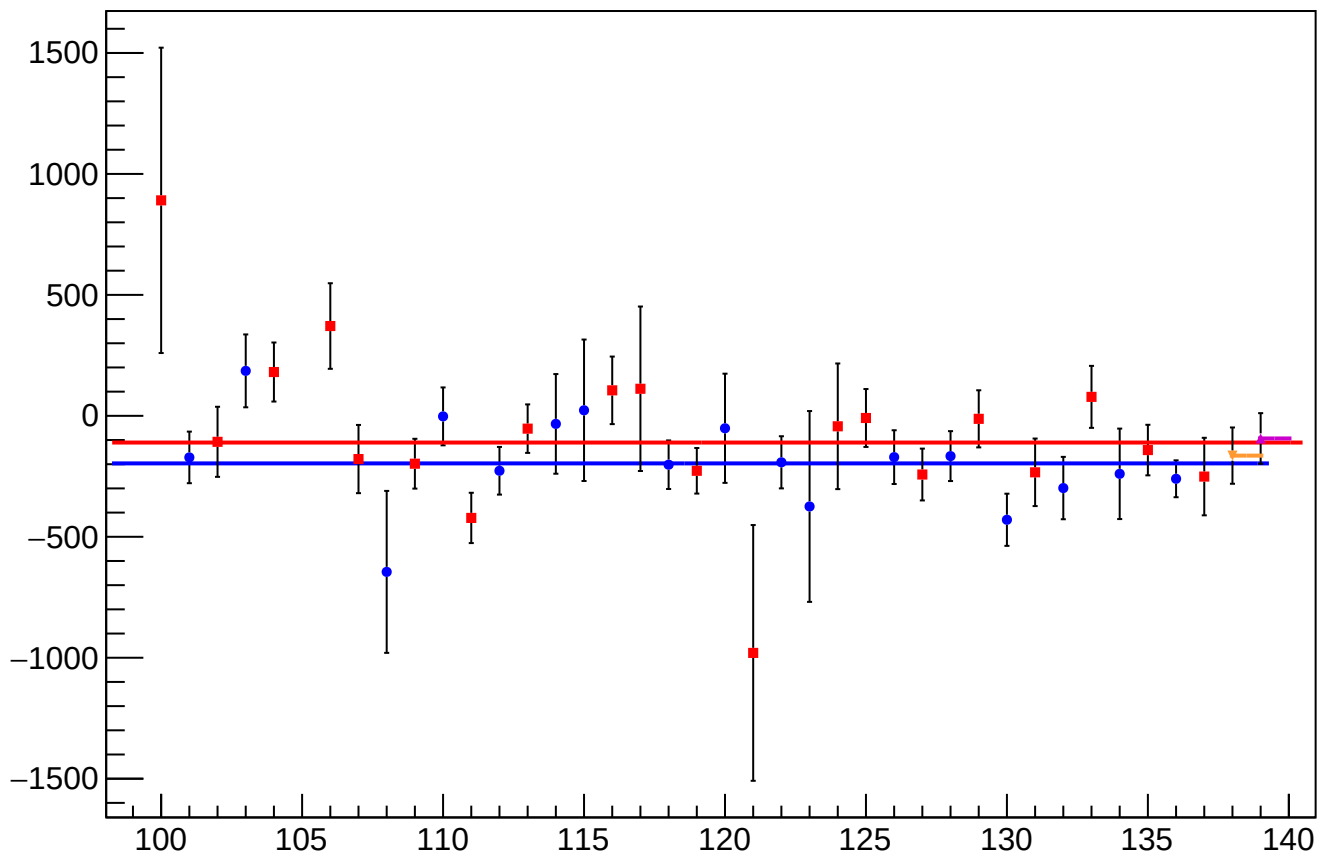
Left In: 398.011+/-0.401 χ^2/NDF : 0.0/0

339.868+/-0.095 χ^2/NDF : 2042332.7/17

326.044+/-0.065 χ^2/NDF : 4863376.8/38

313.899+/-0.089 χ^2/NDF : 2781360.9/20

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 ± 30.399 $\chi^2/\text{NDF}: 19.0/16$

Left Out: -164.470 ± 116.343 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -110.410 ± 29.510 $\chi^2/\text{NDF}: 39.8/19$

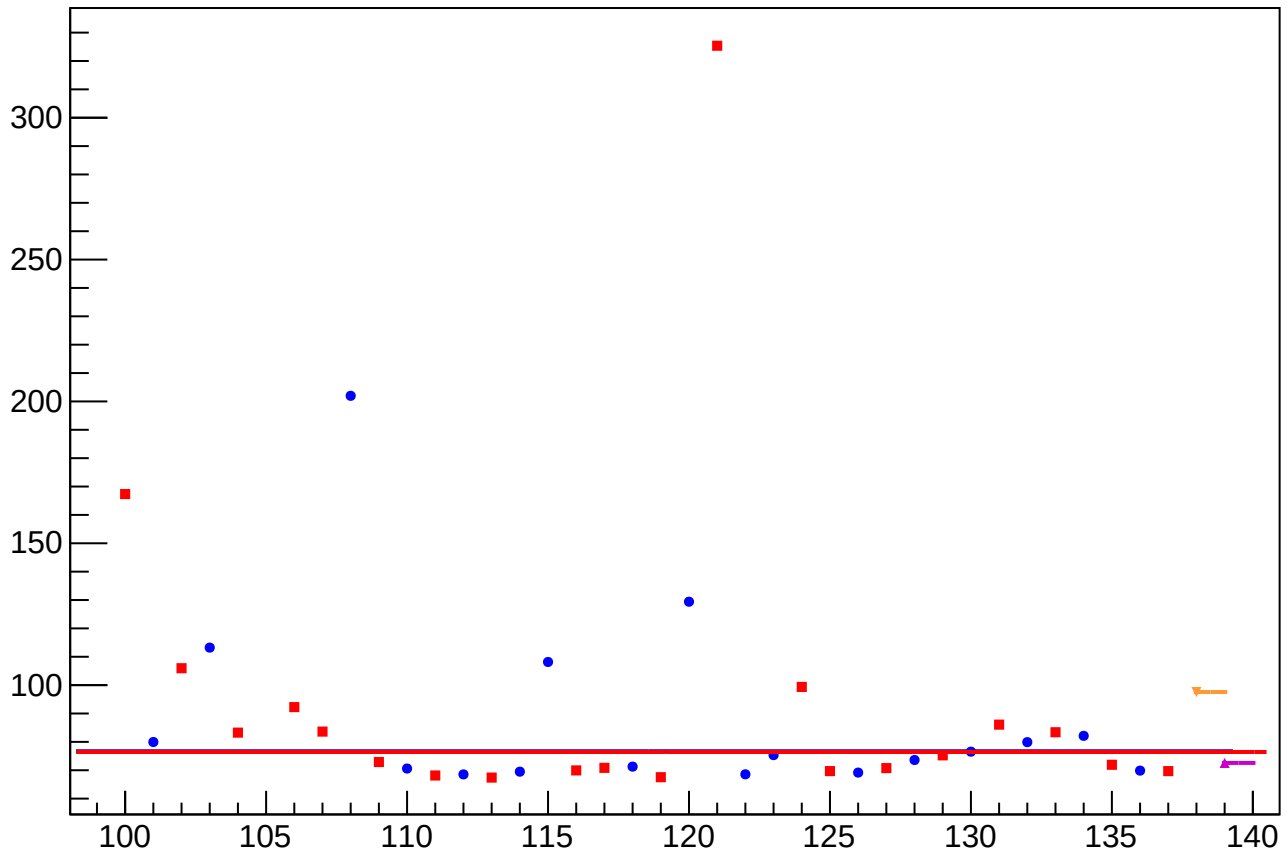
Left In: -93.502 ± 104.592 $\chi^2/\text{NDF}: 0.0/0$

-194.546 ± 29.412 $\chi^2/\text{NDF}: 19.1/17$

-150.363 ± 20.431 $\chi^2/\text{NDF}: 63.3/38$

-109.163 ± 28.401 $\chi^2/\text{NDF}: 39.8/20$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 97.578 $\pm$ 0.082 χ^2 /NDF: 0.0/0

Right Out: 76.436 $\pm$ 0.021 χ^2 /NDF: 699907.3/19

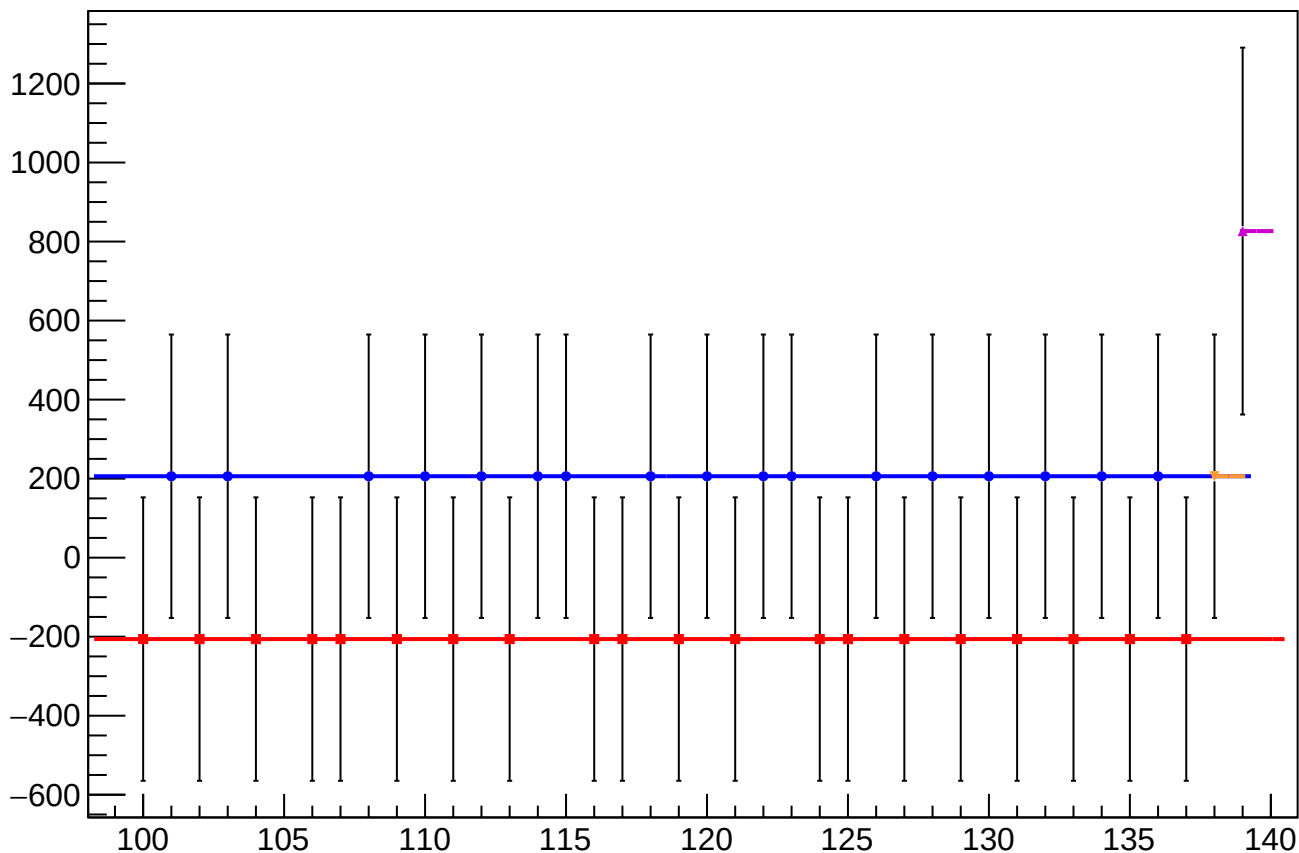
Left In: 72.579 $\pm$ 0.074 χ^2 /NDF: 0.0/0

78.027 $\pm$ 0.021 χ^2 /NDF: 660681.2/17

77.057 $\pm$ 0.014 χ^2 /NDF: 1367313.4/38

76.152 $\pm$ 0.020 χ^2 /NDF: 702426.7/20

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 206.066 $\pm$ 86.990 χ^2 /NDF: 0.0/16

Left Out: 206.066 $\pm$ 358.668 χ^2 /NDF: 0.0/0

Right Out: -206.066 $\pm$ 80.201 χ^2 /NDF: 0.0/19

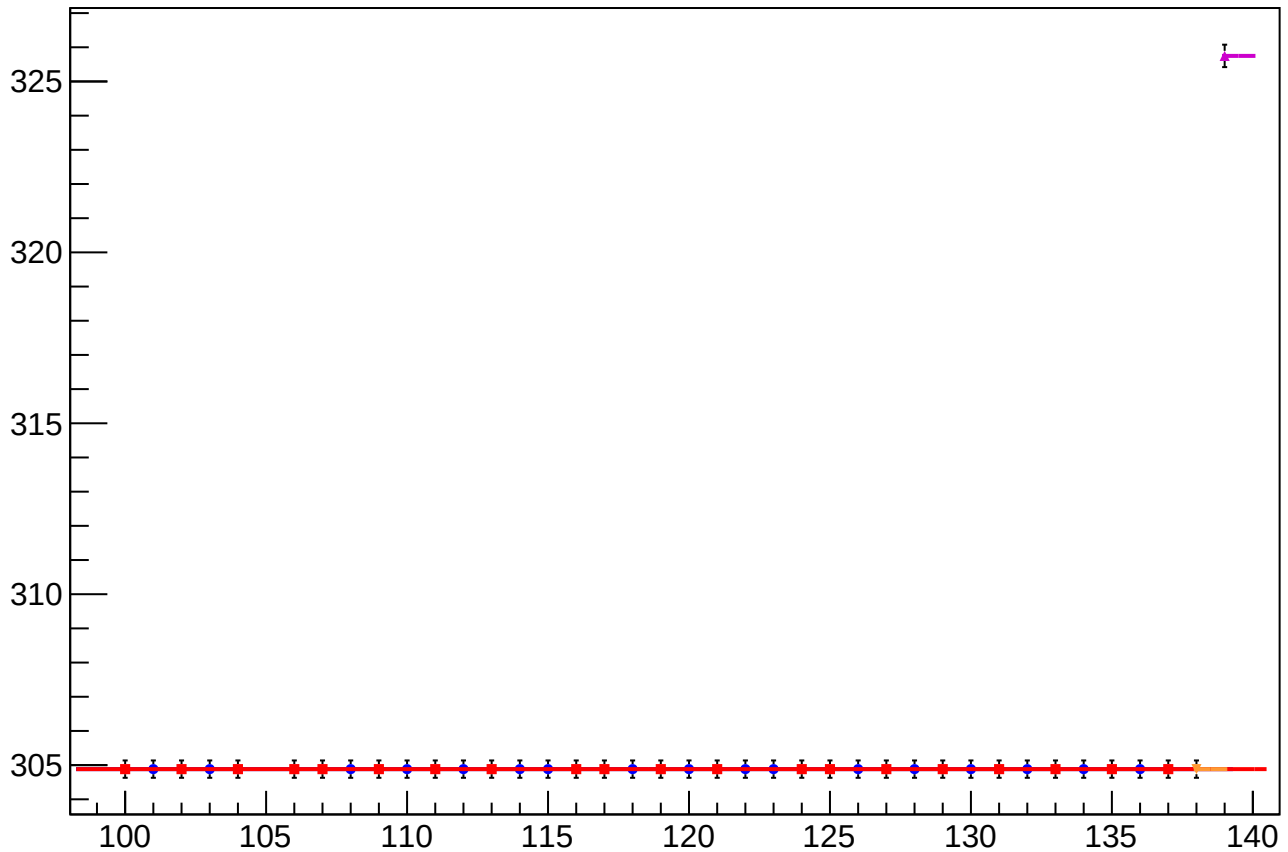
Left In: 826.461 $\pm$ 464.235 χ^2 /NDF: 0.0/0

206.066 $\pm$ 84.539 χ^2 /NDF: 0.0/17

2.104 $\pm$ 57.732 χ^2 /NDF: 15.7/38

-176.143 $\pm$ 79.030 χ^2 /NDF: 4.8/20

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 304.883 $\pm$ 0.062 χ^2 /NDF: 0.0/16

Left Out: 304.883 $\pm$ 0.254 χ^2 /NDF: 0.0/0

Right Out: 304.883 $\pm$ 0.057 χ^2 /NDF: 0.0/19

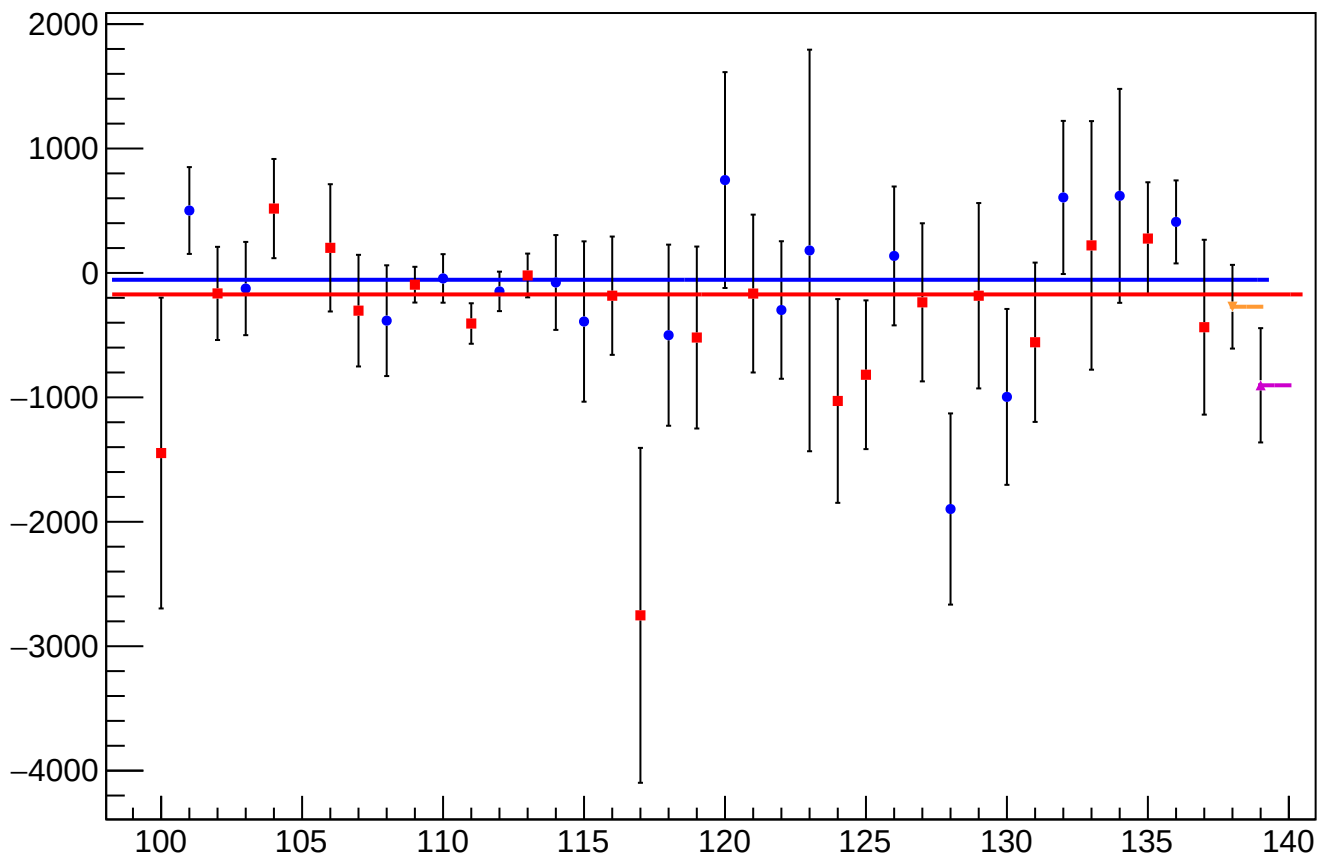
Left In: 325.748 $\pm$ 0.328 χ^2 /NDF: 0.0/0

304.883 $\pm$ 0.060 χ^2 /NDF: 0.0/17

305.206 $\pm$ 0.041 χ^2 /NDF: 3977.7/38

305.488 $\pm$ 0.056 χ^2 /NDF: 3923.1/20

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 $\chi^2/\text{NDF}: 16.5/16$

Left Out: -271.502 ± 336.444 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -172.563 ± 76.778 $\chi^2/\text{NDF}: 15.6/19$

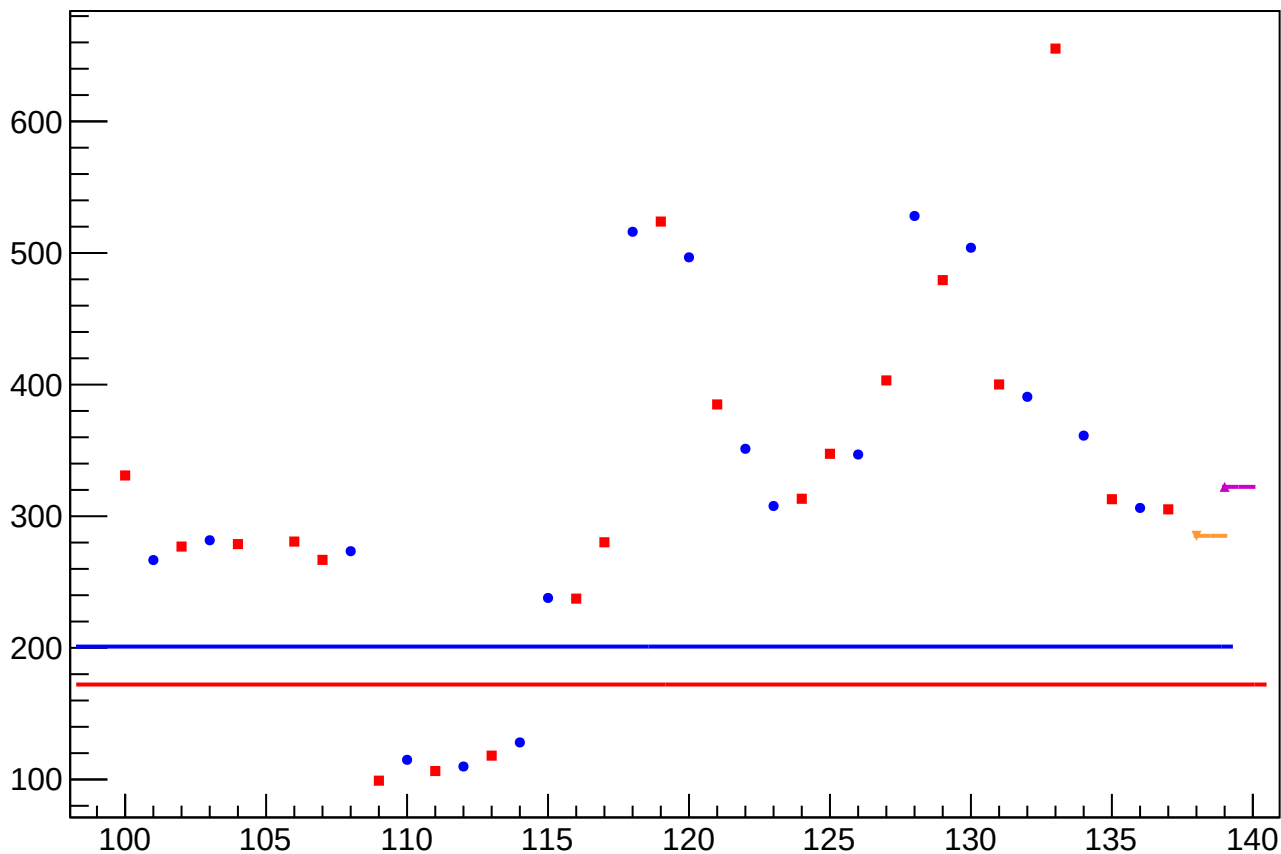
Left In: -902.930 ± 459.328 $\chi^2/\text{NDF}: 0.0/0$

-69.502 ± 87.263 $\chi^2/\text{NDF}: 16.9/17$

-139.614 ± 57.194 $\chi^2/\text{NDF}: 36.1/38$

-192.414 ± 75.727 $\chi^2/\text{NDF}: 18.0/20$

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: 172.147+/-0.054 χ^2/NDF : 4105572.5/19

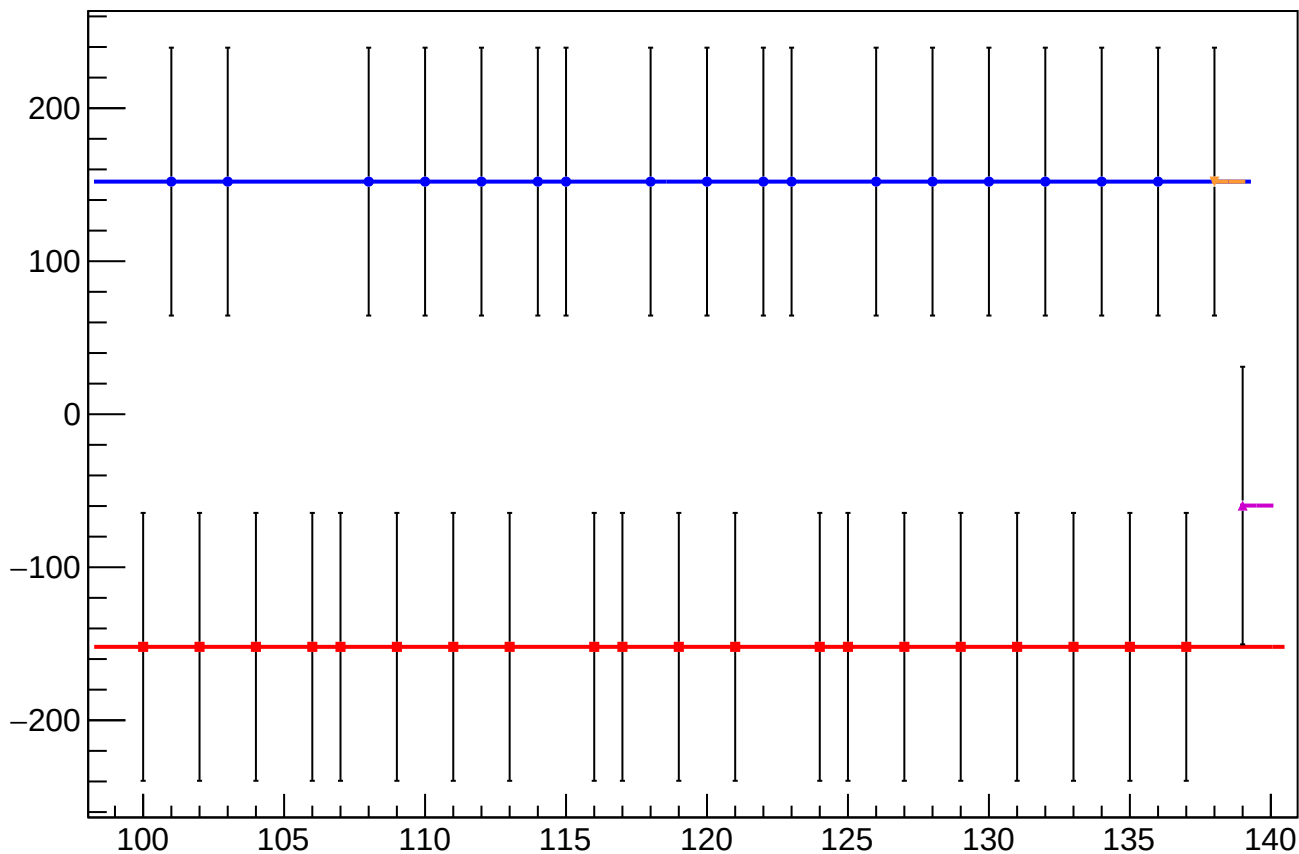
Left In: 322.329+/-0.325 χ^2/NDF : 0.0/0

206.632+/-0.062 χ^2/NDF : 3552877.5/17

189.289+/-0.040 χ^2/NDF : 8004933.8/38

176.229+/-0.054 χ^2/NDF : 4313568.3/20

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 152.022 $\pm$ 21.231 χ^2/NDF : 0.0/16

Left Out: 152.022 $\pm$ 87.538 χ^2/NDF : 0.0/0

Right Out: -152.022 $\pm$ 19.574 χ^2/NDF : 0.0/19

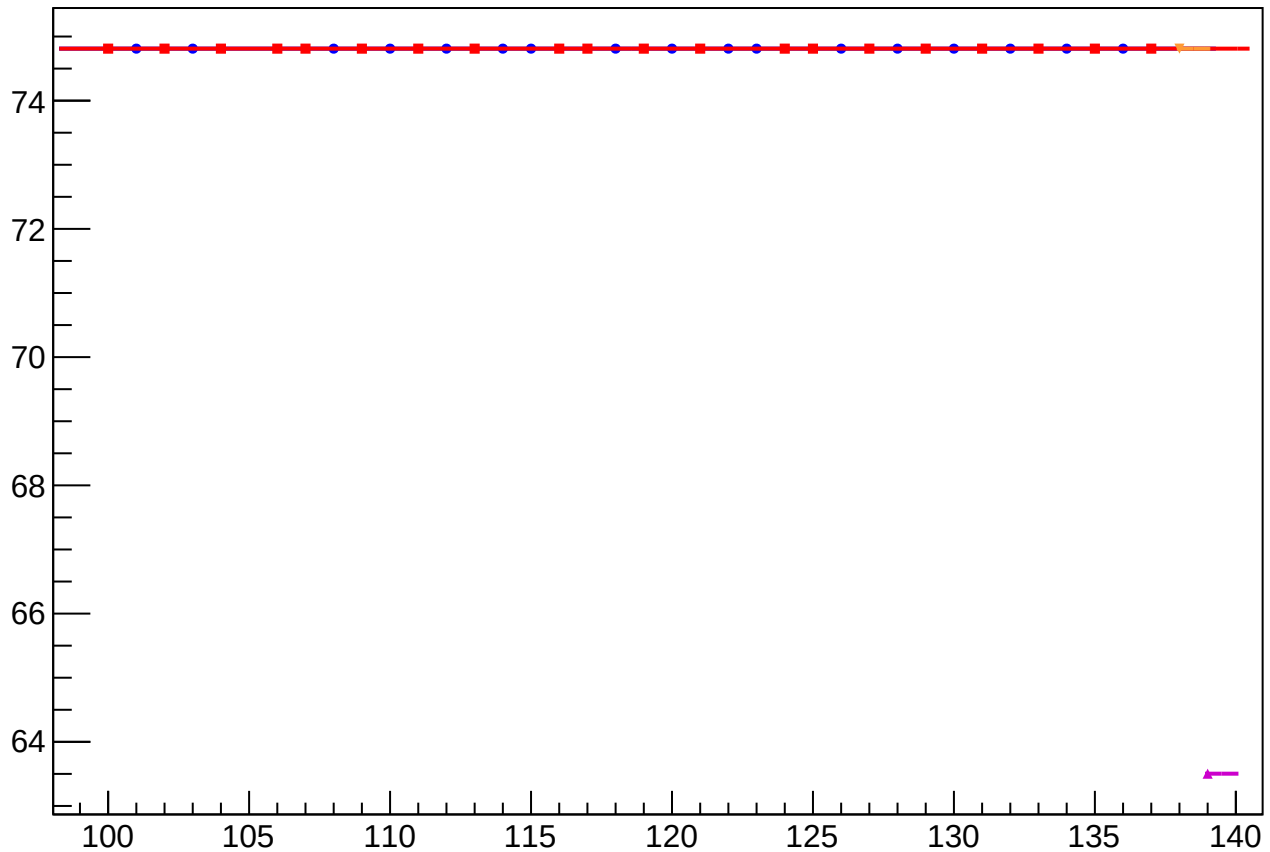
Left In: -59.684 $\pm$ 90.712 χ^2/NDF : 0.0/0

152.022 $\pm$ 20.633 χ^2/NDF : 0.0/17

-9.237 $\pm$ 14.030 χ^2/NDF : 114.6/38

-147.914 $\pm$ 19.134 χ^2/NDF : 1.0/20

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 74.811 $\pm$ 0.015 χ^2 /NDF: 0.0/16

Left Out: 74.811 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Right Out: 74.811 $\pm$ 0.014 χ^2 /NDF: 0.0/19

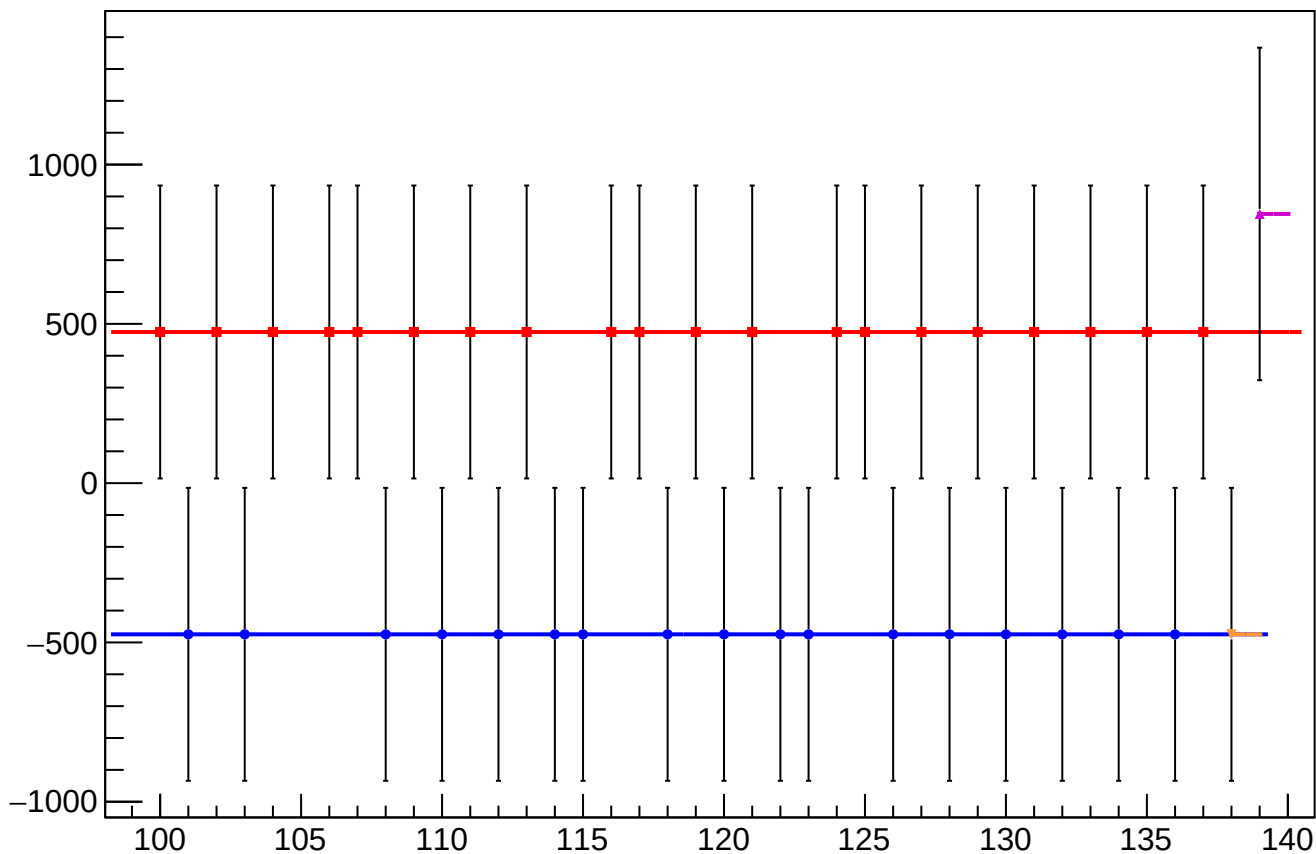
Left In: 63.503 $\pm$ 0.064 χ^2 /NDF: 0.0/0

74.811 $\pm$ 0.015 χ^2 /NDF: 0.0/17

74.541 $\pm$ 0.010 χ^2 /NDF: 30335.1/38

74.308 $\pm$ 0.014 χ^2 /NDF: 29695.8/20

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: -474.517+/-111.515 χ^2/NDF : 0.0/16

Left Out: -474.517+/-459.787 χ^2/NDF : 0.0/0

Right Out: 474.517+/-102.812 χ^2/NDF : 0.0/19

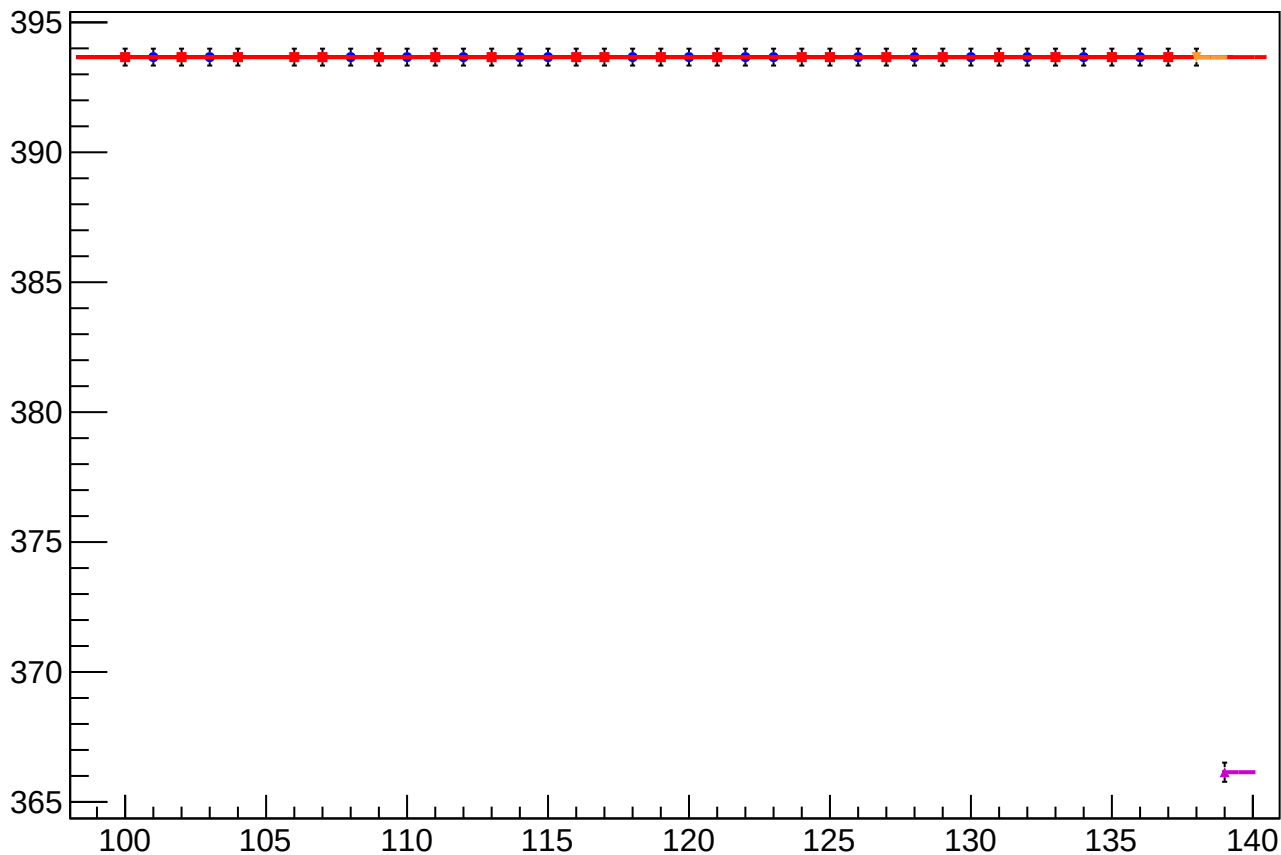
Left In: 845.094+/-521.890 χ^2/NDF : 0.0/0

-474.517+/-108.373 χ^2/NDF : 0.0/17

41.391+/-73.837 χ^2/NDF : 42.8/38

488.362+/-100.873 χ^2/NDF : 0.5/20

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 393.663 $\pm$ 0.079 χ^2 /NDF: 0.0/16

Left Out: 393.663 $\pm$ 0.325 χ^2 /NDF: 0.0/0

Right Out: 393.663 $\pm$ 0.073 χ^2 /NDF: 0.0/19

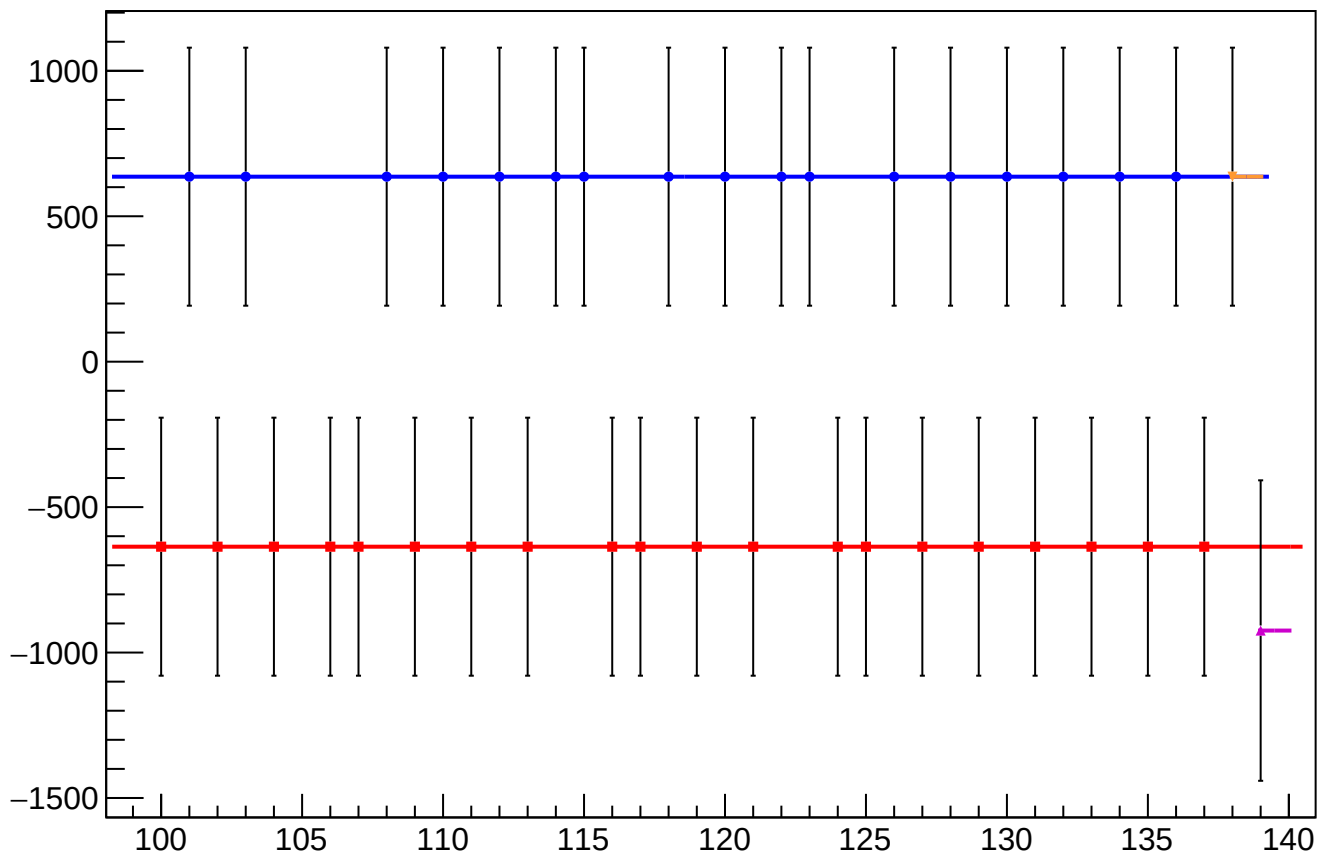
Left In: 366.144 $\pm$ 0.369 χ^2 /NDF: 0.0/0

393.663 $\pm$ 0.077 χ^2 /NDF: 0.0/17

393.112 $\pm$ 0.052 χ^2 /NDF: 5449.5/38

392.635 $\pm$ 0.071 χ^2 /NDF: 5353.1/20

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 636.038 $\pm$ 107.577 χ^2 /NDF: 0.0/16

Left Out: 636.038 $\pm$ 443.551 χ^2 /NDF:0.0/0

Right Out: -636.038 $\pm$ 99.181 χ^2 /NDF: 0.0/19

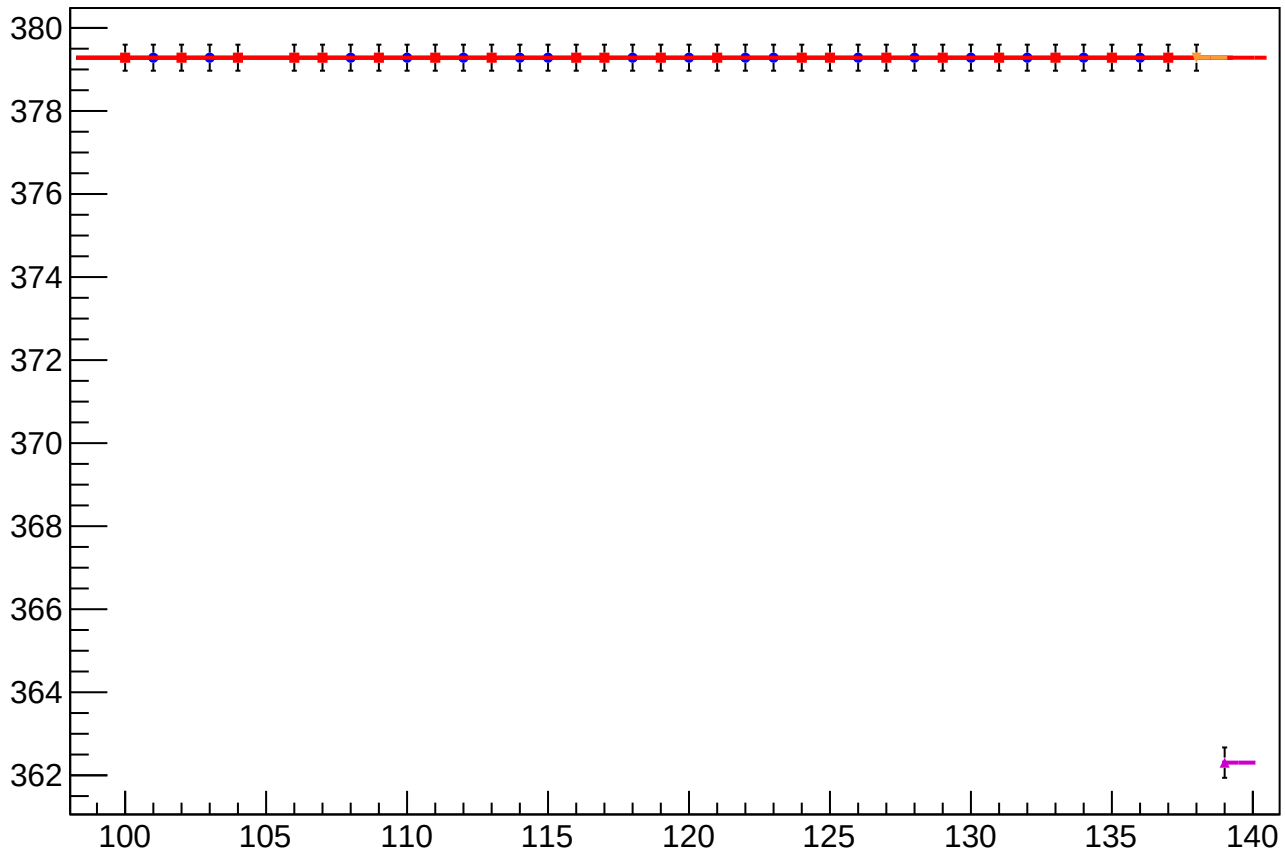
Left In: -924.396 $\pm$ 516.503 χ^2 /NDF:0.0/0

636.038 $\pm$ 104.546 χ^2 /NDF: 0.0/17

-50.437 $\pm$ 71.265 χ^2 /NDF: 80.8/38

-646.293 $\pm$ 97.402 χ^2 /NDF: 0.3/20

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 379.283 $\pm$ 0.076 χ^2 /NDF: 0.0/16

Left Out: 379.283 $\pm$ 0.314 χ^2 /NDF: 0.0/0

Right Out: 379.283 $\pm$ 0.070 χ^2 /NDF: 0.0/19

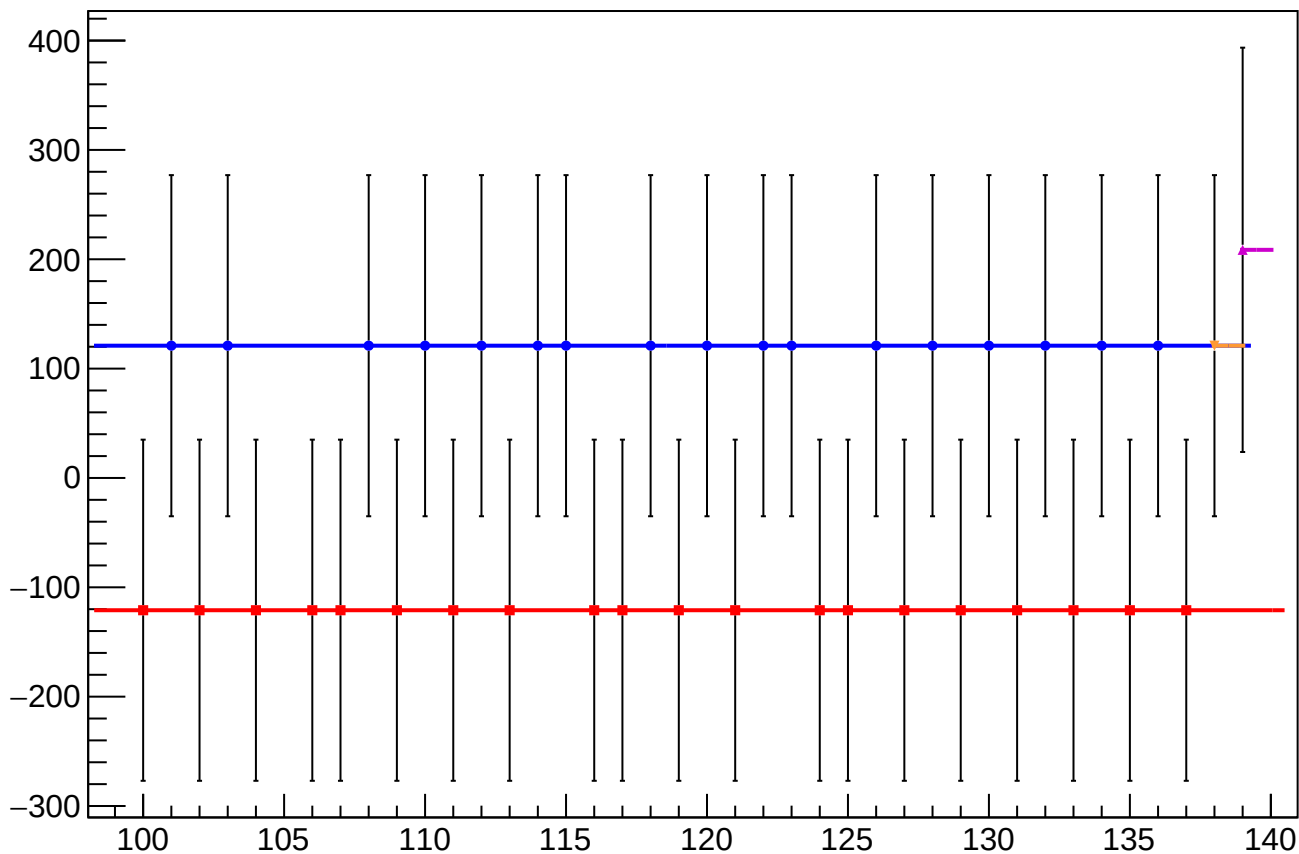
Left In: 362.305 $\pm$ 0.365 χ^2 /NDF: 0.0/0

379.283 $\pm$ 0.074 χ^2 /NDF: 0.0/17

378.960 $\pm$ 0.050 χ^2 /NDF: 2119.9/38

378.679 $\pm$ 0.069 χ^2 /NDF: 2084.1/20

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 120.964 $\pm$ 37.832 χ^2 /NDF: 0.0/16

Left Out: 120.964 $\pm$ 155.986 χ^2 /NDF: 0.0/0

Right Out: -120.964 $\pm$ 34.880 χ^2 /NDF: 0.0/19

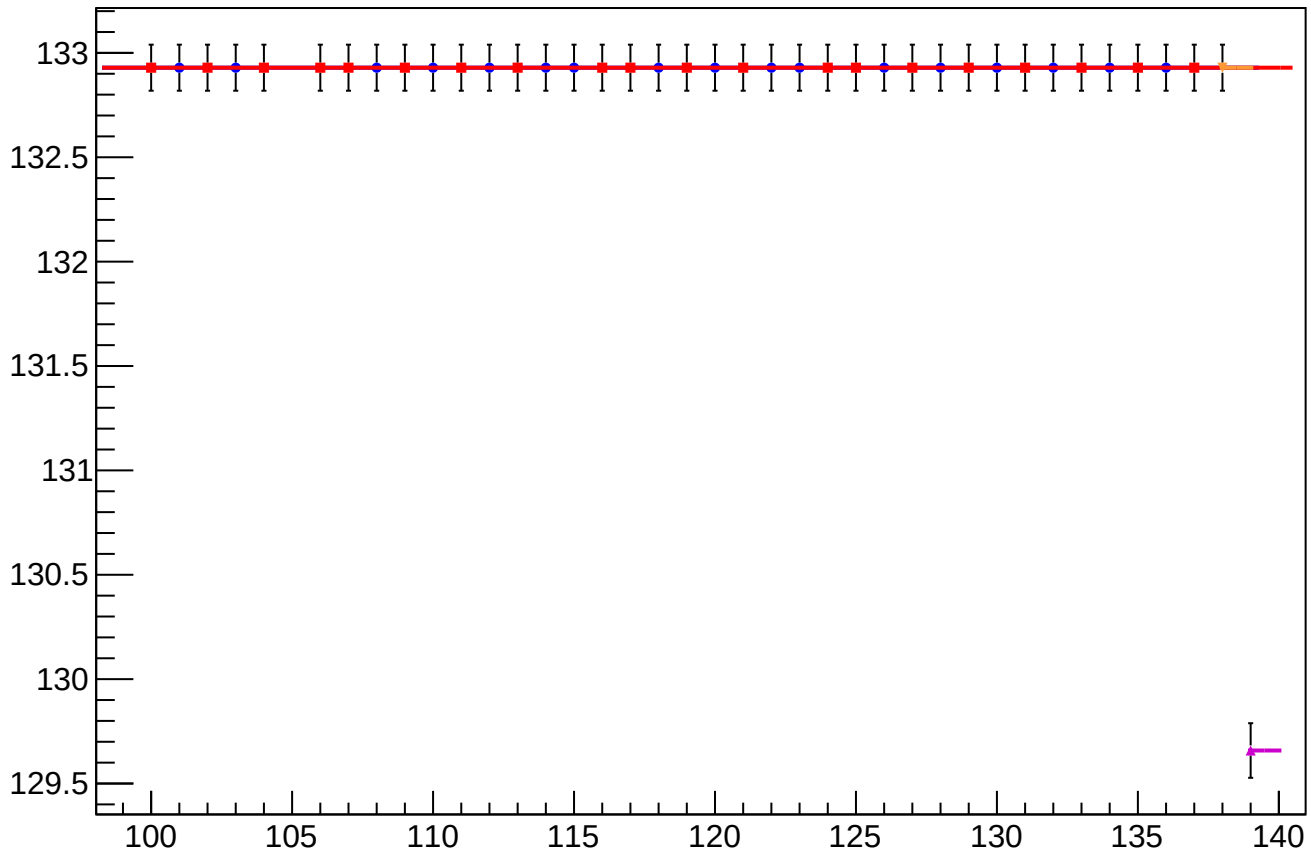
Left In: 208.622 $\pm$ 184.884 χ^2 /NDF: 0.0/0

120.964 $\pm$ 36.766 χ^2 /NDF: 0.0/17

-2.413 $\pm$ 25.071 χ^2 /NDF: 24.1/38

-109.637 $\pm$ 34.275 χ^2 /NDF: 3.1/20

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 132.929 $\pm$ 0.027 χ^2 /NDF: 0.0/16

Left Out: 132.929 $\pm$ 0.110 χ^2 /NDF: 0.0/0

Right Out: 132.929 $\pm$ 0.025 χ^2 /NDF: 0.0/19

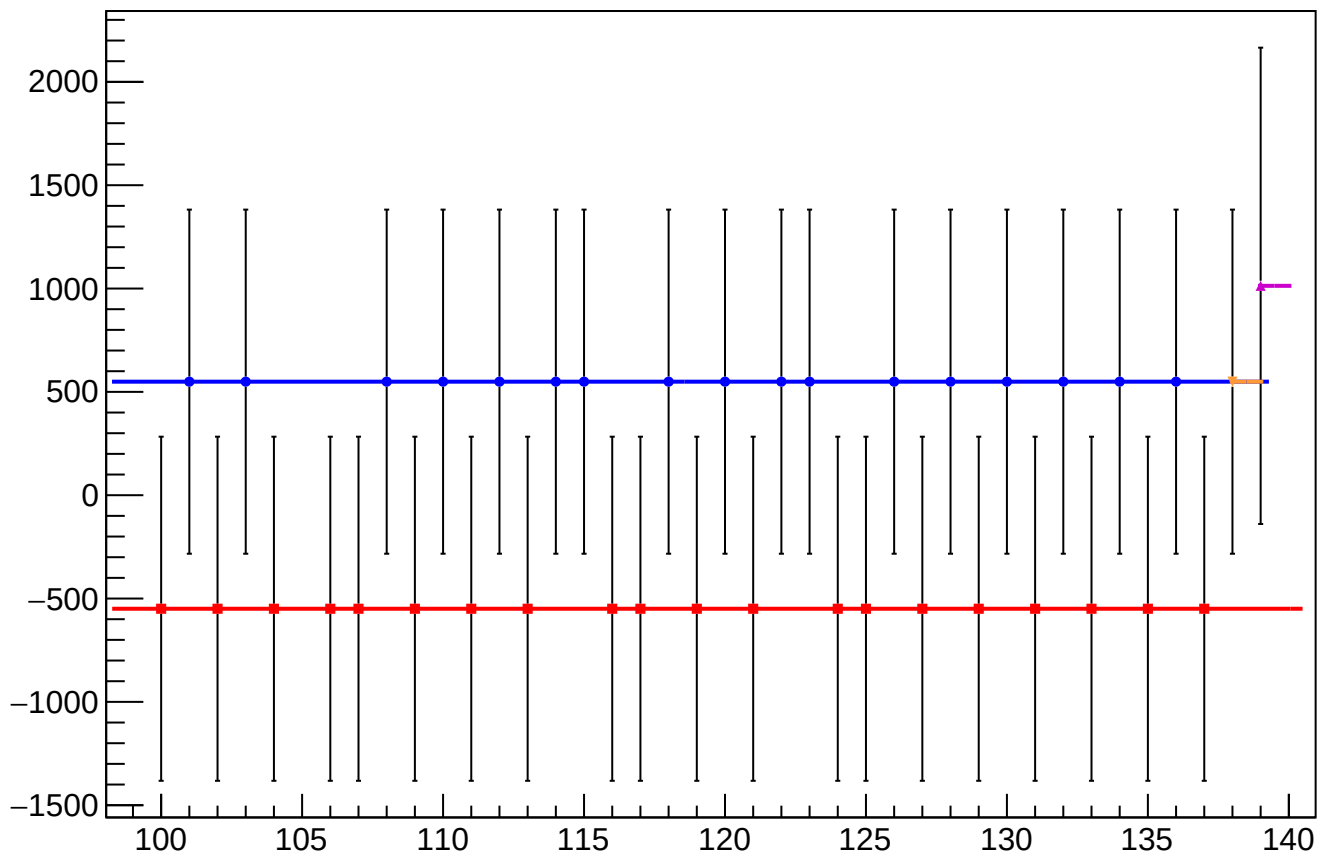
Left In: 129.658 $\pm$ 0.131 χ^2 /NDF: 0.0/0

132.929 $\pm$ 0.026 χ^2 /NDF: 0.0/17

132.869 $\pm$ 0.018 χ^2 /NDF: 614.5/38

132.817 $\pm$ 0.024 χ^2 /NDF: 604.5/20

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 549.374 $\pm$ 201.914 χ^2 /NDF: 0.0/16

Left Out: 549.374 $\pm$ 832.513 χ^2 /NDF:0.0/0

Right Out: -549.374 $\pm$ 186.156 χ^2 /NDF: 0.0/19

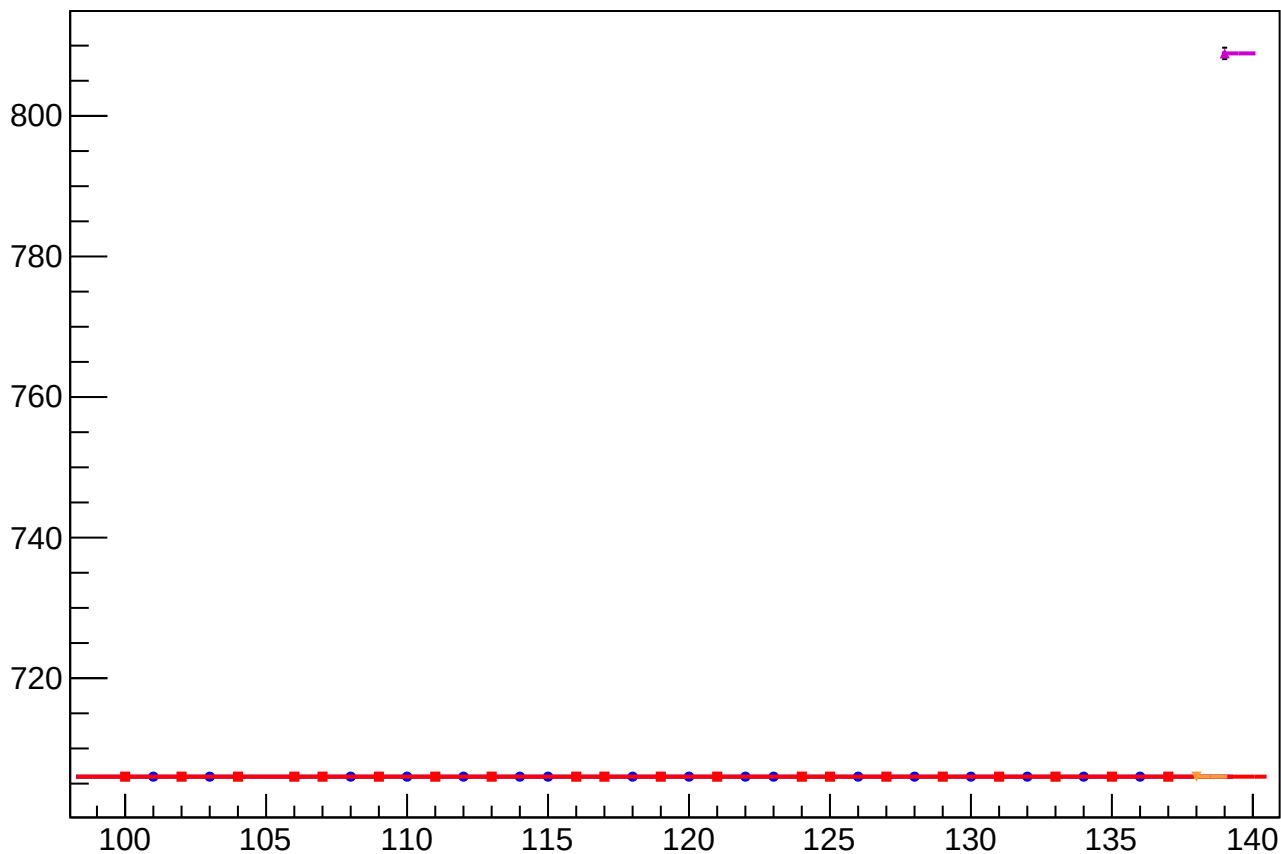
Left In: 1013.133 $\pm$ 1152.355 χ^2 /NDF:0.0/0

549.374 $\pm$ 196.225 χ^2 /NDF: 0.0/17

-14.796 $\pm$ 134.133 χ^2 /NDF: 17.3/38

-509.635 $\pm$ 183.773 χ^2 /NDF: 1.8/20

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 705.989 $\pm$ 0.143 χ^2 /NDF: 0.0/16

Left Out: 705.989 $\pm$ 0.589 χ^2 /NDF: 0.0/0

Right Out: 705.989 $\pm$ 0.132 χ^2 /NDF: 0.0/19

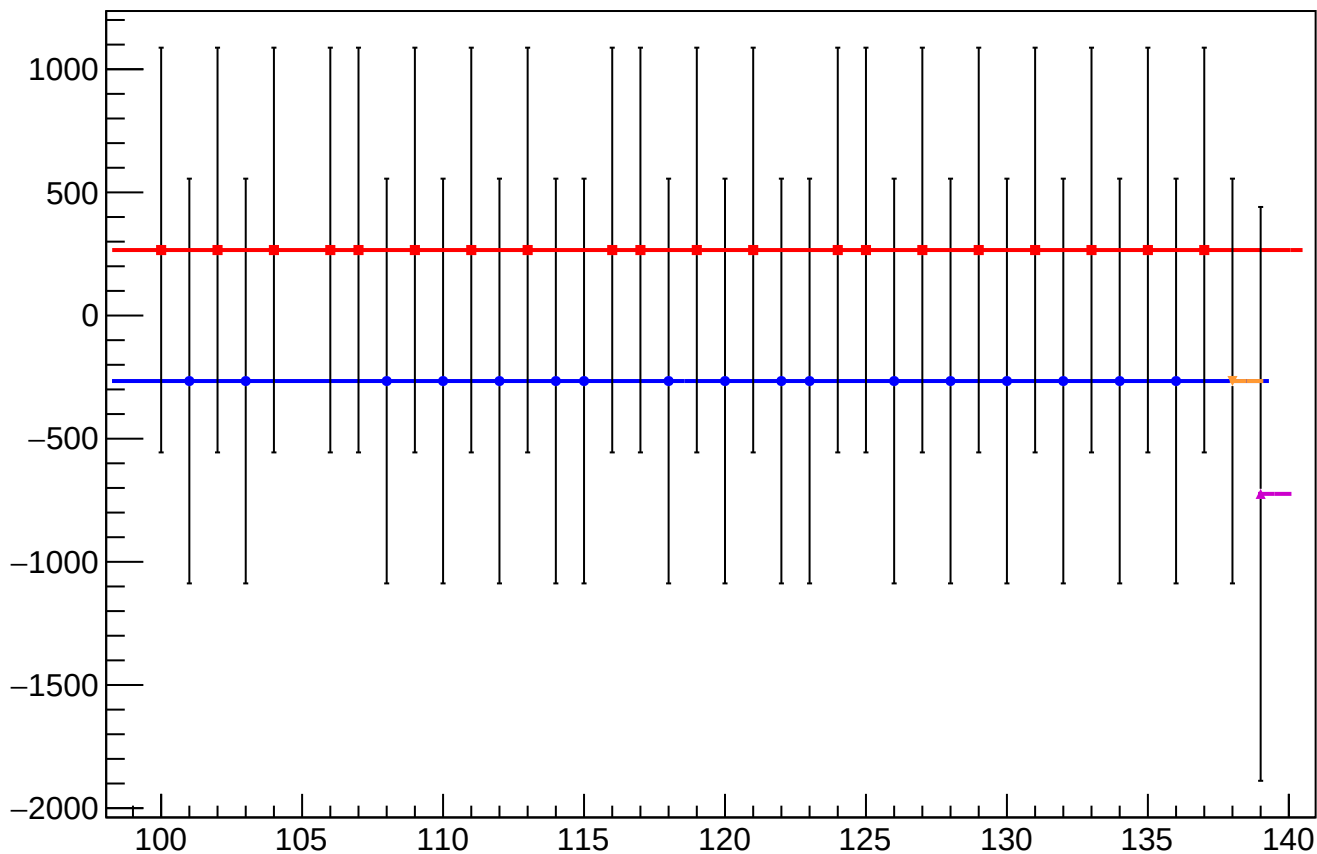
Left In: 808.894 $\pm$ 0.815 χ^2 /NDF: 0.0/0

705.989 $\pm$ 0.139 χ^2 /NDF: 0.0/17

707.383 $\pm$ 0.095 χ^2 /NDF: 15732.7/38

708.606 $\pm$ 0.130 χ^2 /NDF: 15543.2/20

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: -265.915 ± 199.276 χ^2/NDF : 0.0/16

Left Out: -265.915 ± 821.637 χ^2/NDF : 0.0/0

Right Out: 265.915 ± 183.724 χ^2/NDF : 0.0/19

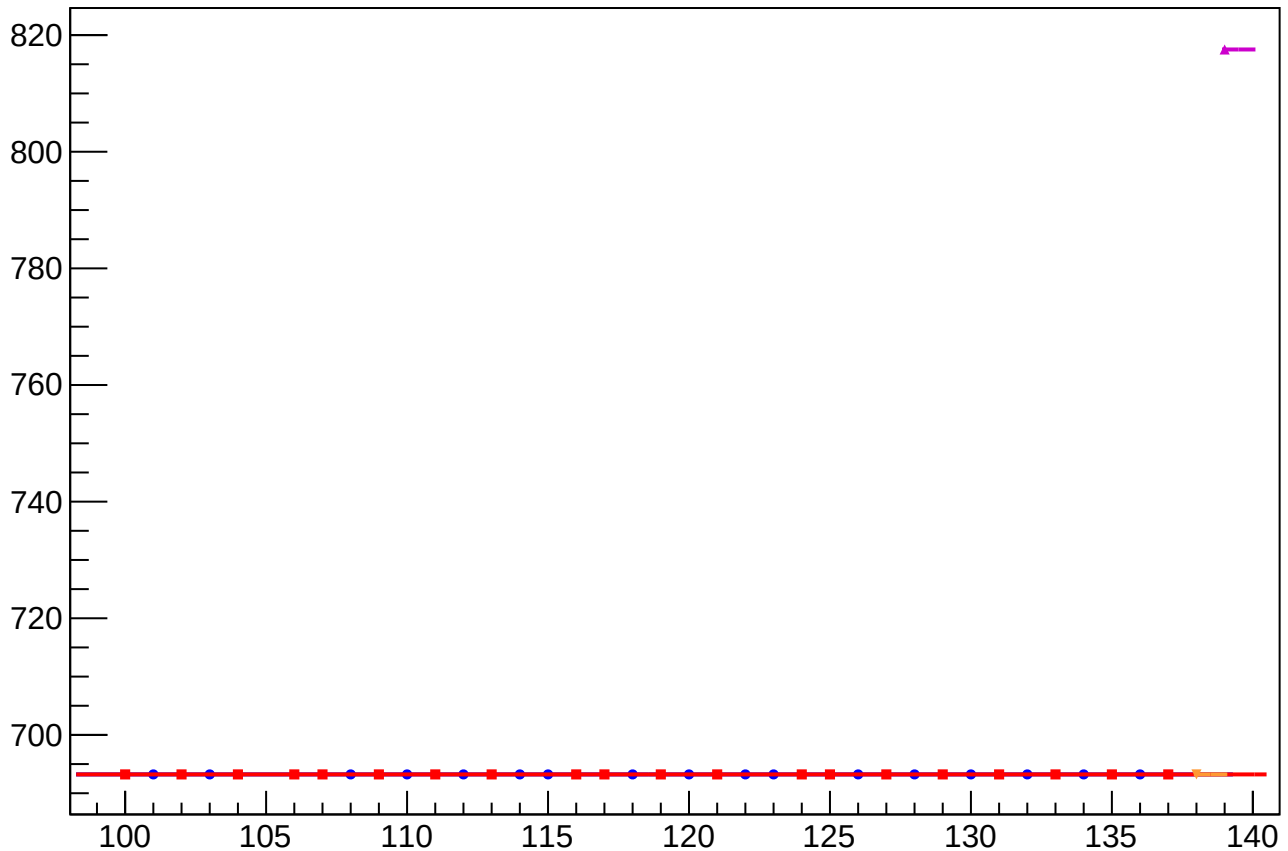
Left In: -724.080 ± 1164.912 χ^2/NDF : 0.0/0

-265.915 ± 193.662 χ^2/NDF : 0.0/17

4.458 ± 132.423 χ^2/NDF : 4.4/38

241.888 ± 181.480 χ^2/NDF : 0.7/20

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 693.227 $\pm$ 0.141 χ^2 /NDF: 0.0/16

Left Out: 693.227 $\pm$ 0.581 χ^2 /NDF: 0.0/0

Right Out: 693.227 $\pm$ 0.130 χ^2 /NDF: 0.0/19

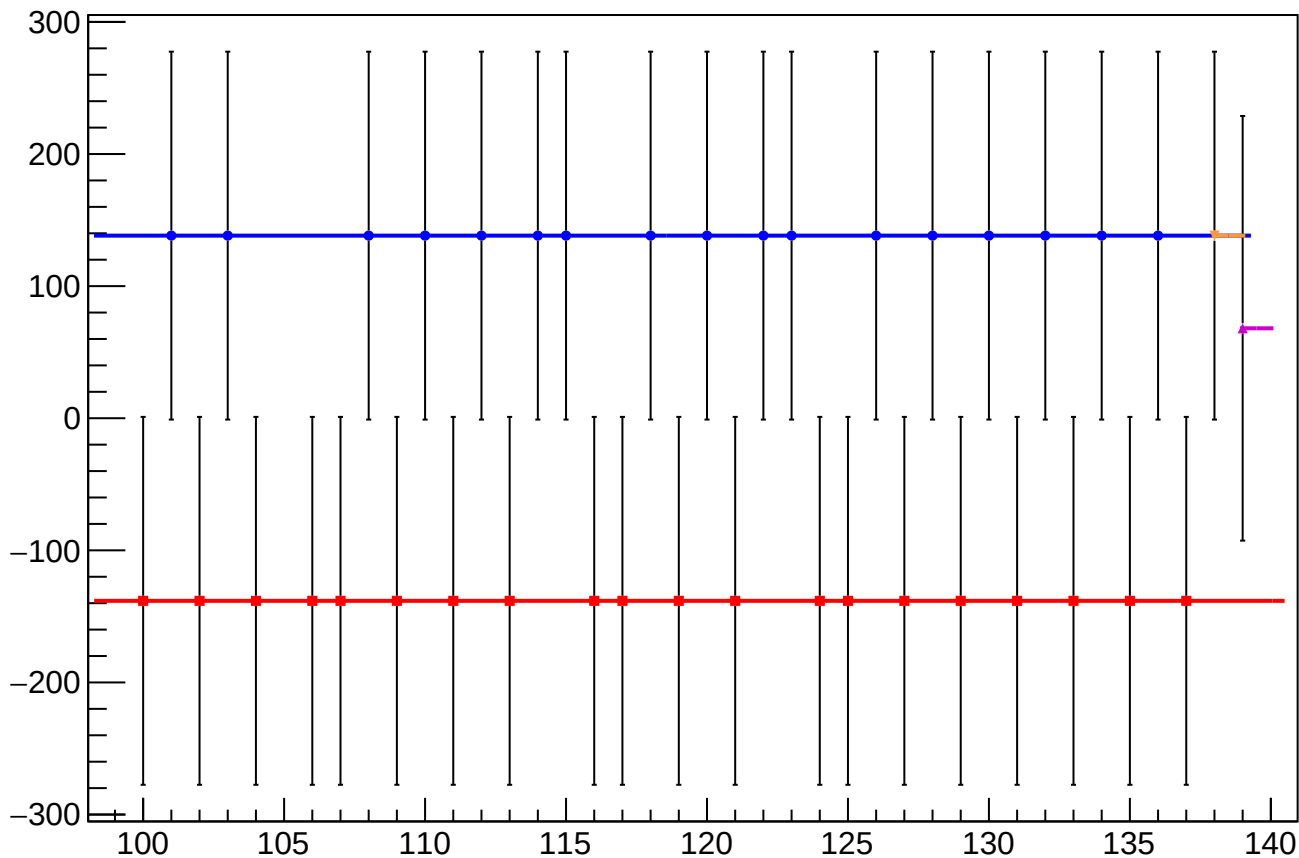
Left In: 817.536 $\pm$ 0.824 χ^2 /NDF: 0.0/0

693.227 $\pm$ 0.137 χ^2 /NDF: 0.0/17

694.834 $\pm$ 0.094 χ^2 /NDF: 22480.1/38

696.244 $\pm$ 0.128 χ^2 /NDF: 22221.7/20

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 138.233 $\pm$ 33.773 χ^2 /NDF: 0.0/16

Left Out: 138.233 $\pm$ 139.251 χ^2 /NDF:0.0/0

Right Out: -138.233 $\pm$ 31.138 χ^2 /NDF: 0.0/19

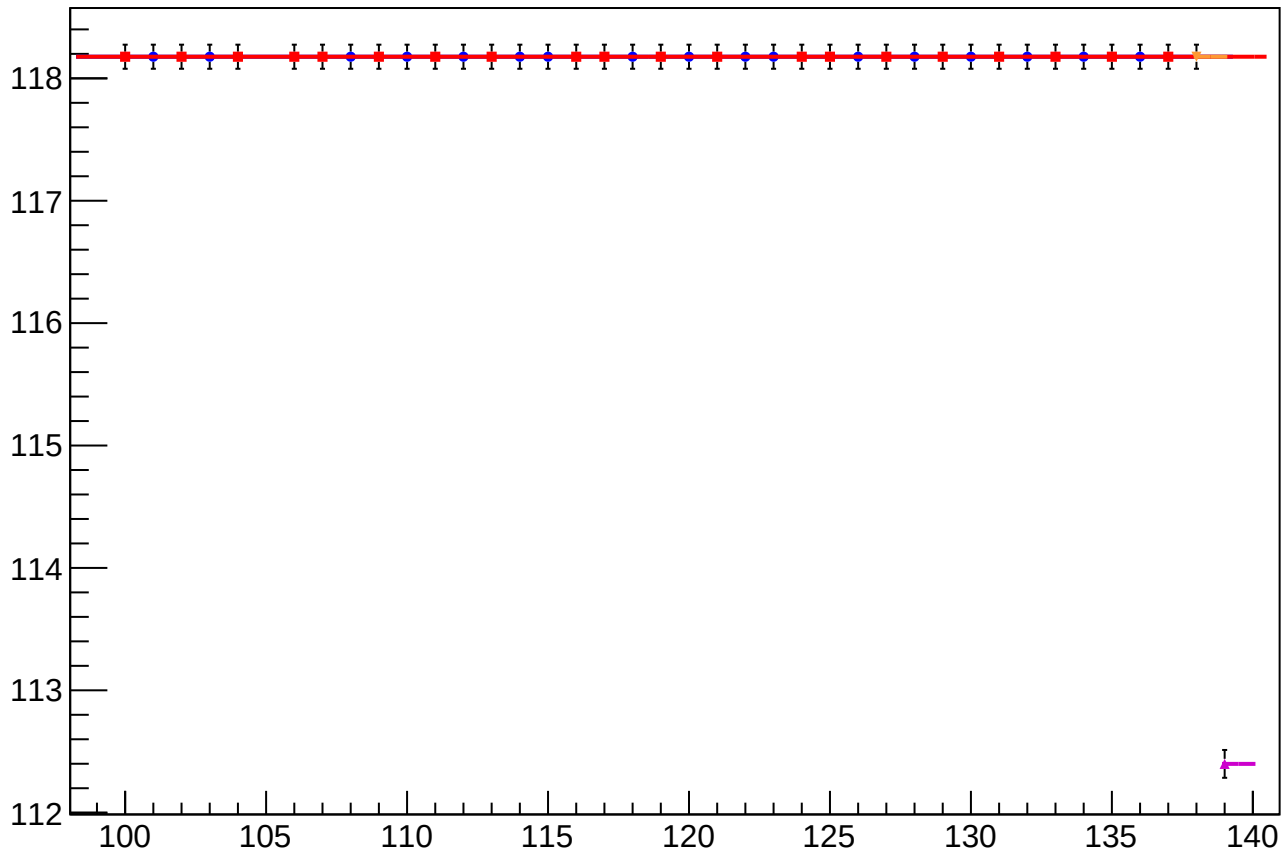
Left In: 68.075 $\pm$ 160.733 χ^2 /NDF:0.0/0

138.233 $\pm$ 32.822 χ^2 /NDF: 0.0/17

-5.816 $\pm$ 22.370 χ^2 /NDF: 37.6/38

-130.771 $\pm$ 30.569 χ^2 /NDF: 1.6/20

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 118.177 $\pm$ 0.024 χ^2 /NDF: 0.0/16

Left Out: 118.177 $\pm$ 0.098 χ^2 /NDF: 0.0/0

Right Out: 118.177 $\pm$ 0.022 χ^2 /NDF: 0.0/19

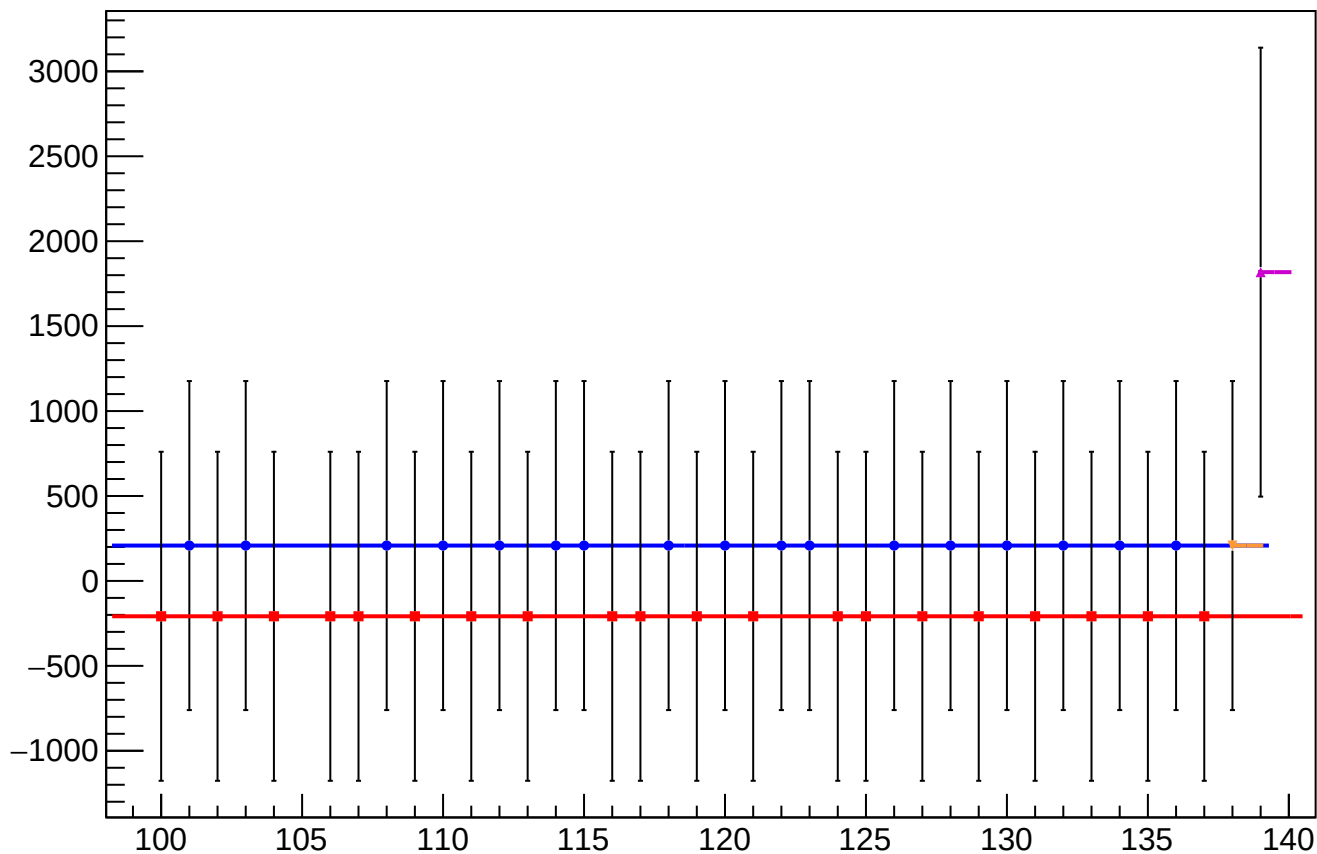
Left In: 112.399 $\pm$ 0.114 χ^2 /NDF: 0.0/0

118.177 $\pm$ 0.023 χ^2 /NDF: 0.0/17

118.065 $\pm$ 0.016 χ^2 /NDF: 2534.3/38

117.968 $\pm$ 0.022 χ^2 /NDF: 2490.9/20

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 208.161 $\pm$ 234.901 χ^2 /NDF: 0.0/16

Left Out: 208.161 $\pm$ 968.521 χ^2 /NDF: 0.0/0

Right Out: -208.161 $\pm$ 216.568 χ^2 /NDF: 0.0/19

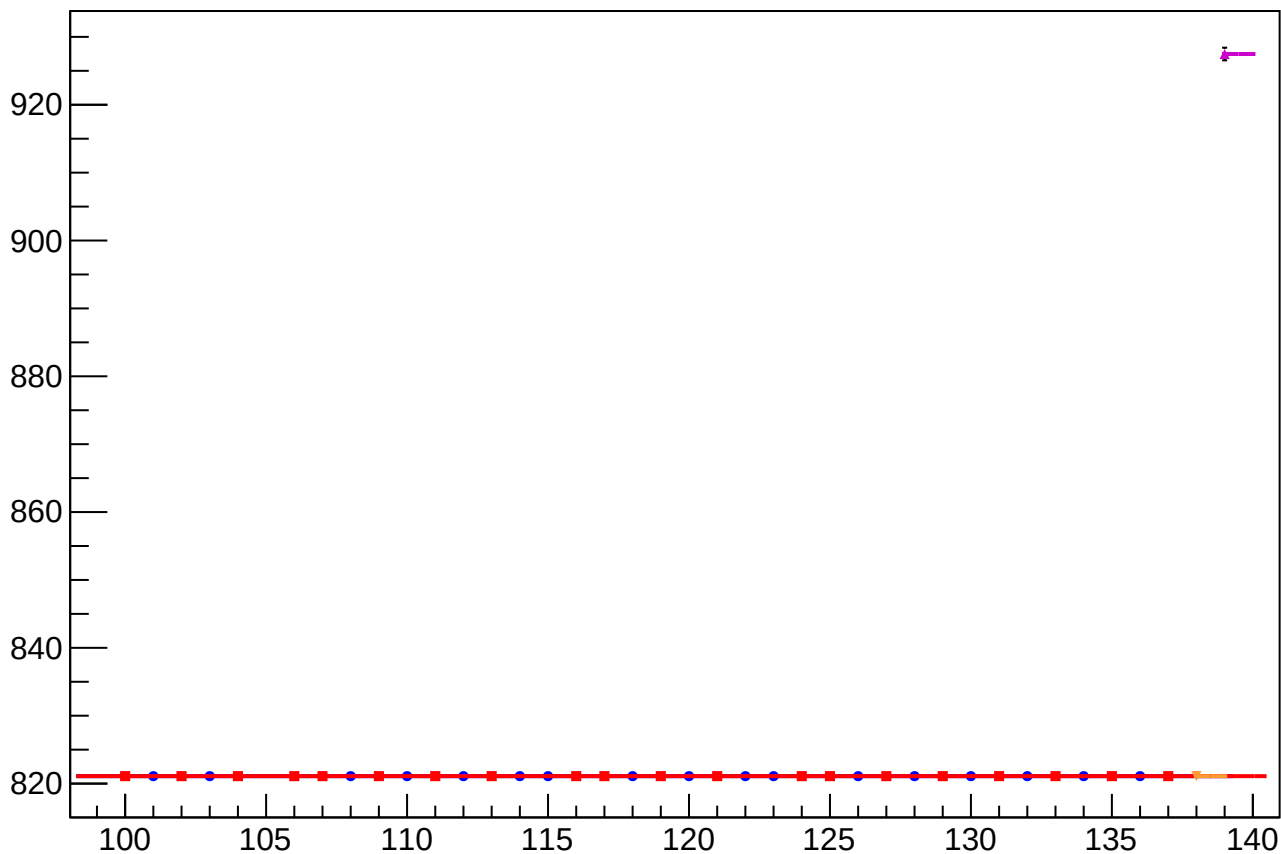
Left In: 1817.813 $\pm$ 1321.502 χ^2 /NDF: 0.0/0

208.161 $\pm$ 228.283 χ^2 /NDF: 0.0/17

14.534 $\pm$ 156.016 χ^2 /NDF: 3.6/38

-155.173 $\pm$ 213.717 χ^2 /NDF: 2.3/20

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 821.097 $\pm$ 0.166 χ^2 /NDF: 0.0/16

Left Out: 821.097 $\pm$ 0.685 χ^2 /NDF: 0.0/0

Right Out: 821.097 $\pm$ 0.153 χ^2 /NDF: 0.0/19

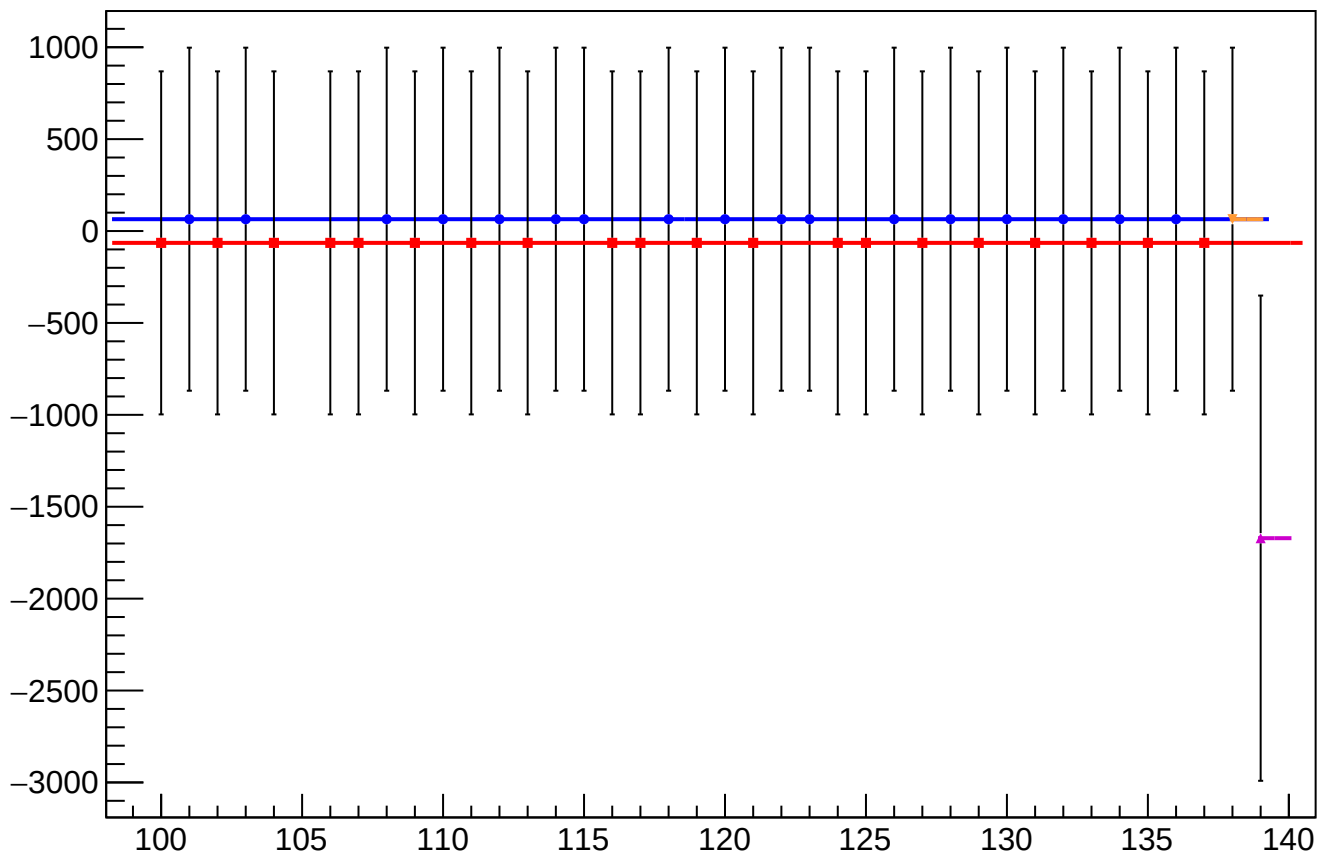
Left In: 927.477 $\pm$ 0.934 χ^2 /NDF: 0.0/0

821.097 $\pm$ 0.161 χ^2 /NDF: 0.0/17

822.579 $\pm$ 0.110 χ^2 /NDF: 12779.6/38

823.879 $\pm$ 0.151 χ^2 /NDF: 12621.3/20

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 64.417 ± 226.336 $\chi^2/NDF: 0.0/16$

Left Out: 64.417 ± 933.207 $\chi^2/NDF: 0.0/0$

Right Out: -64.417 ± 208.671 $\chi^2/NDF: 0.0/19$

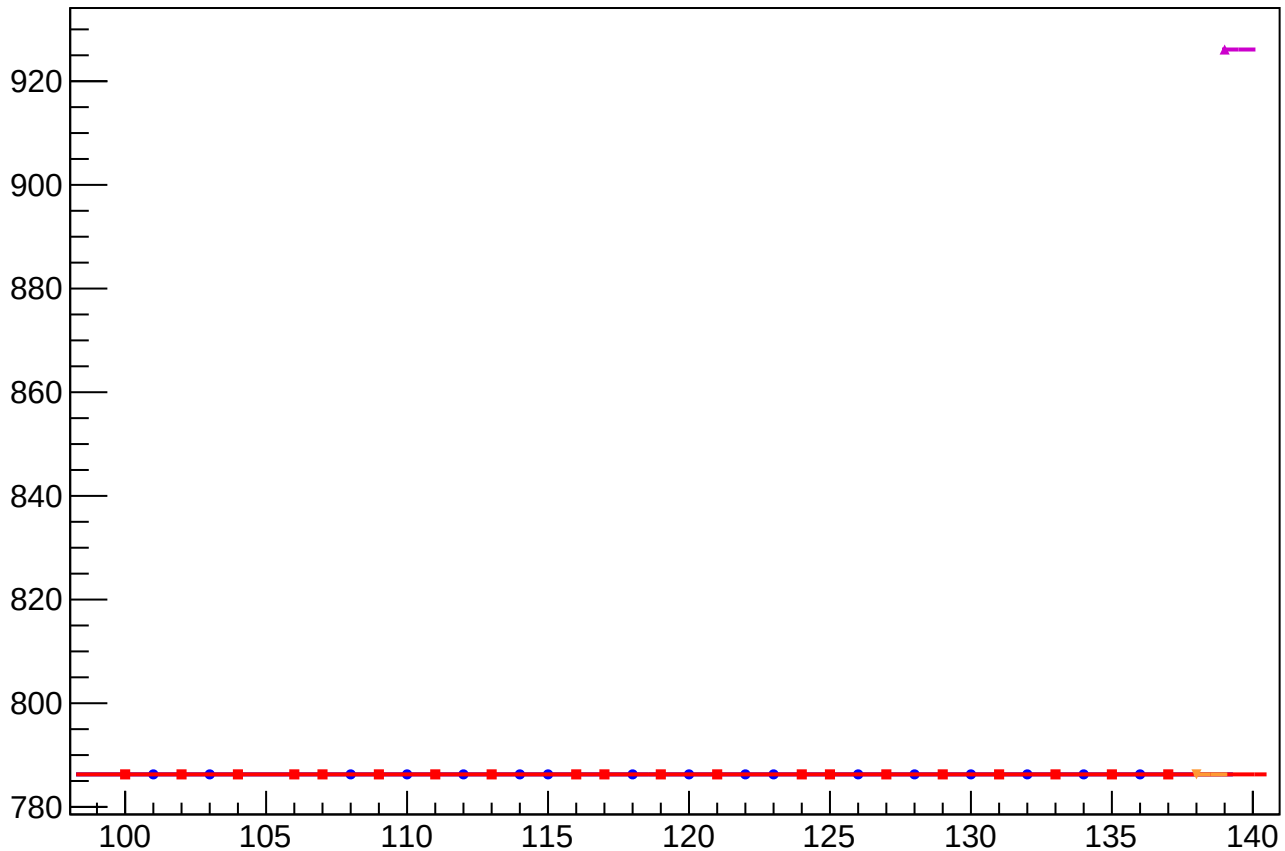
Left In: -1671.104 ± 1319.982 $\chi^2/NDF: 0.0/0$

64.417 ± 219.959 $\chi^2/NDF: 0.0/17$

-25.042 ± 150.400 $\chi^2/NDF: 1.8/38$

-103.591 ± 206.112 $\chi^2/NDF: 1.4/20$

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 786.276+/-0.160 χ^2/NDF : 0.0/16

Left Out: 786.276+/-0.660 χ^2/NDF : 0.0/0

Right Out: 786.276+/-0.148 χ^2/NDF : 0.0/19

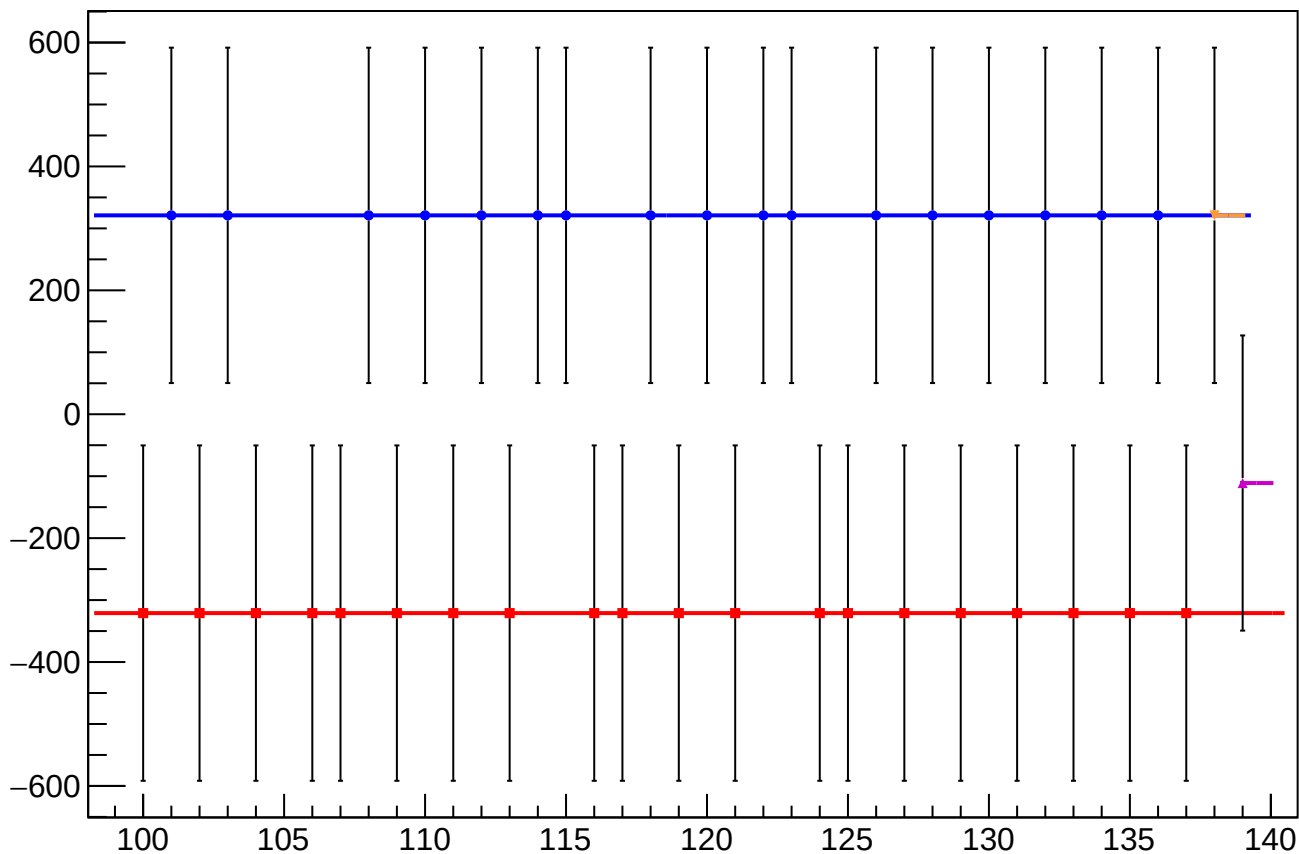
Left In: 926.116+/-0.933 χ^2/NDF : 0.0/0

786.276+/-0.156 χ^2/NDF : 0.0/17

788.091+/-0.106 χ^2/NDF : 22155.5/38

789.685+/-0.146 χ^2/NDF : 21899.6/20

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 321.021 ± 65.653 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 321.021 ± 270.693 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -321.021 ± 60.529 $\chi^2/\text{NDF}: 0.0/19$

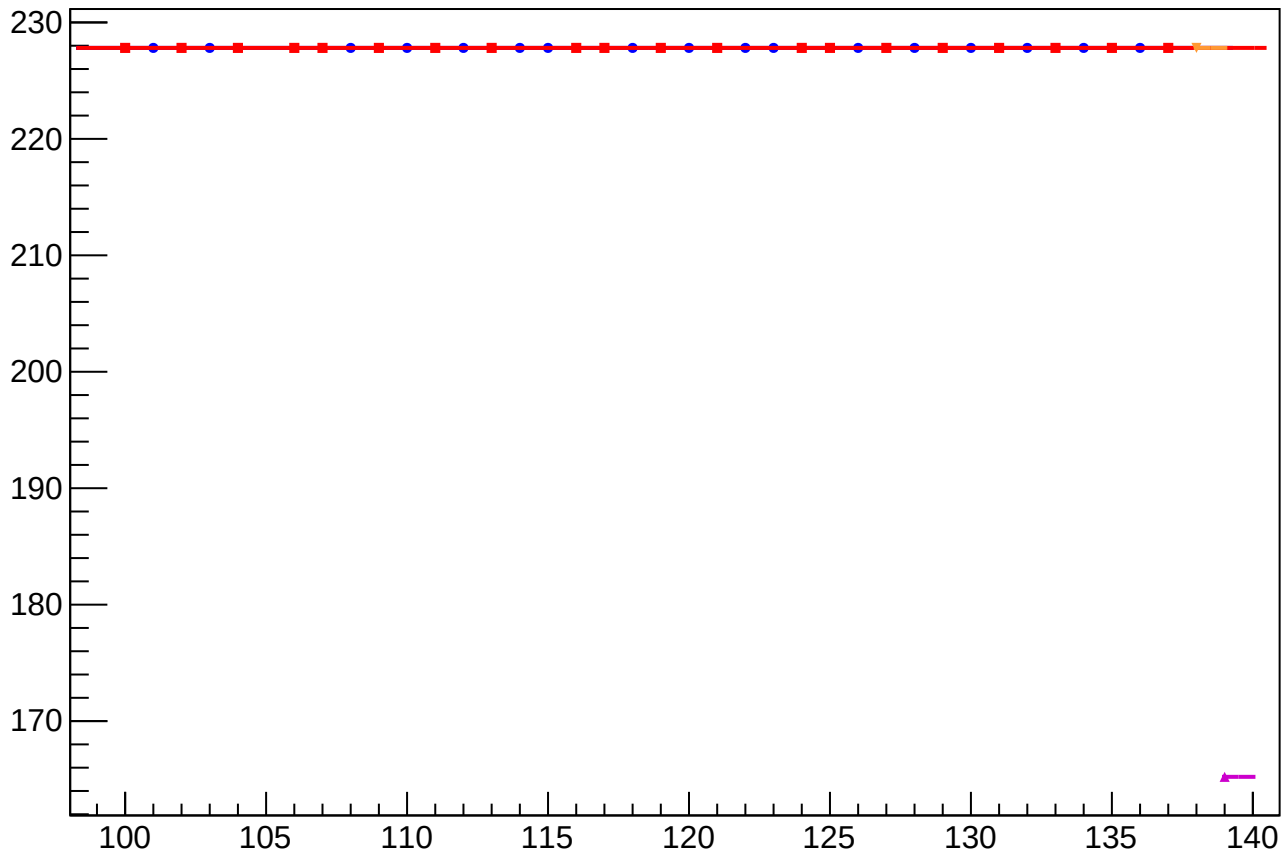
Left In: -111.052 ± 238.234 $\chi^2/\text{NDF}: 0.0/0$

321.021 ± 63.803 $\chi^2/\text{NDF}: 0.0/17$

-19.990 ± 43.185 $\chi^2/\text{NDF}: 53.4/38$

-308.288 ± 58.665 $\chi^2/\text{NDF}: 0.7/20$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 227.813 $\pm$ 0.046 χ^2 /NDF: 0.0/16

Left Out: 227.813 $\pm$ 0.191 χ^2 /NDF: 0.0/0

Right Out: 227.813 $\pm$ 0.043 χ^2 /NDF: 0.0/19

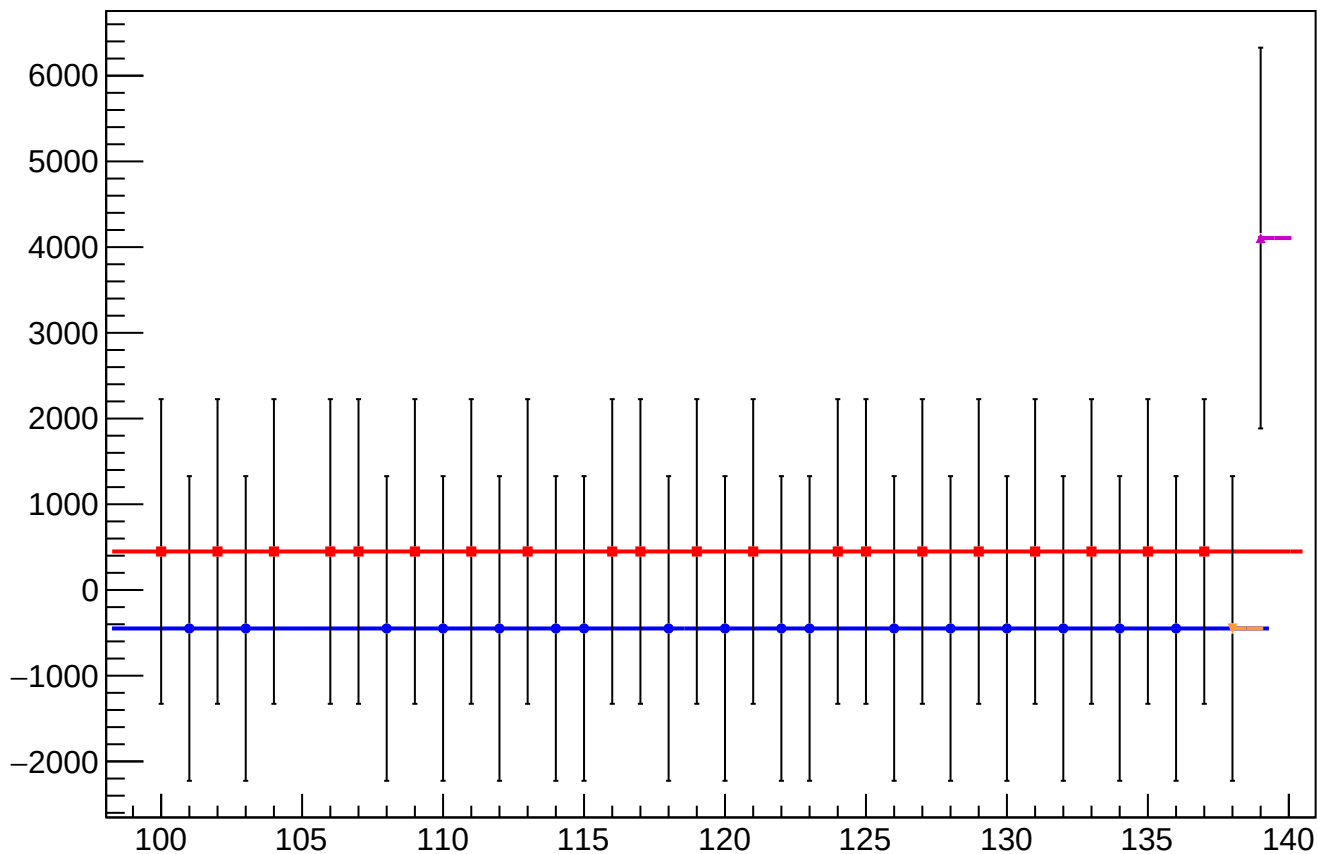
Left In: 165.214 $\pm$ 0.168 χ^2 /NDF: 0.0/0

227.813 $\pm$ 0.045 χ^2 /NDF: 0.0/17

225.756 $\pm$ 0.031 χ^2 /NDF: 133550.9/38

224.017 $\pm$ 0.041 χ^2 /NDF: 129714.9/20

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -449.122+/-431.025 χ^2/NDF : 0.0/16

Left Out: -449.122+/-1777.160 χ^2/NDF : 0.0/0

Right Out: 449.122+/-397.385 χ^2/NDF : 0.0/19

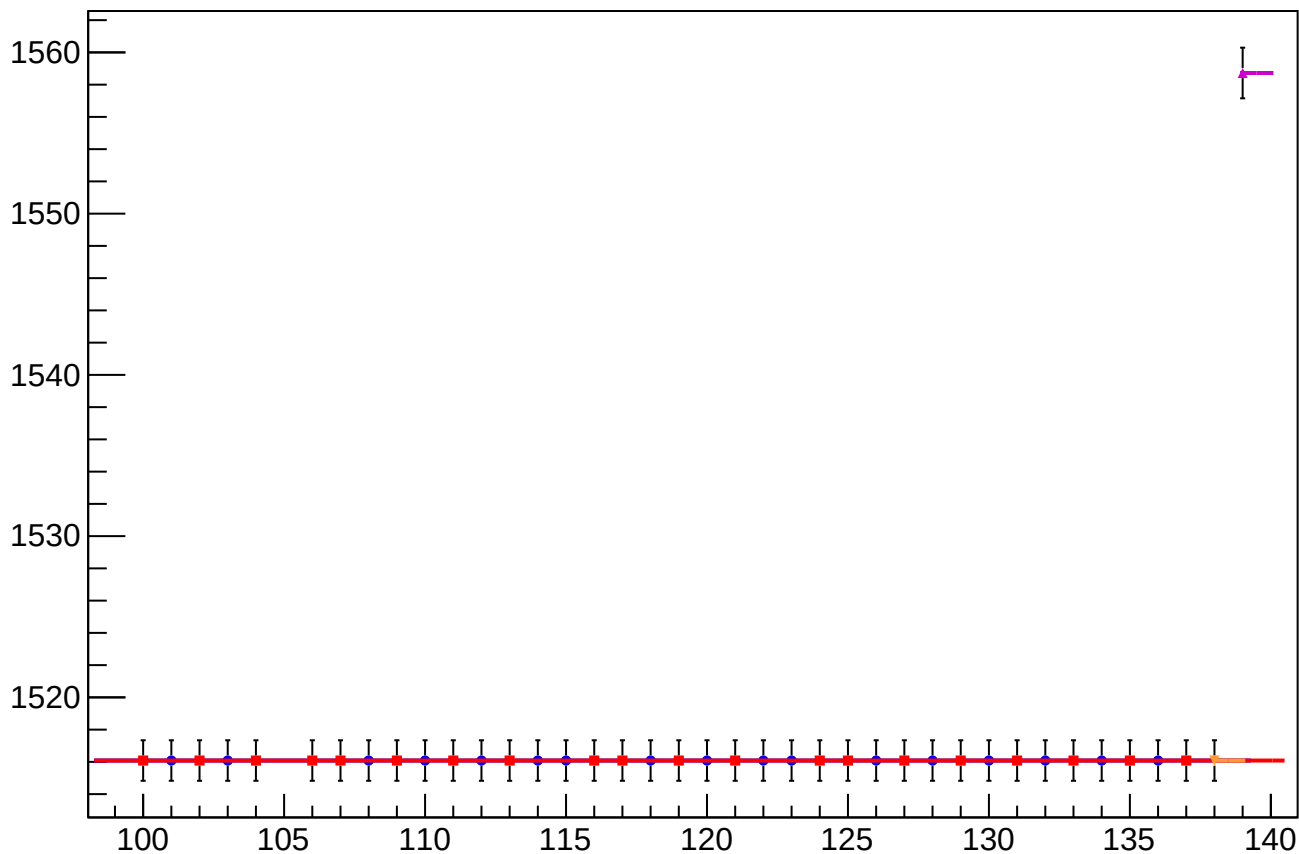
Left In: 4105.833+/-2221.126 χ^2/NDF : 0.0/0

-449.122+/-418.881 χ^2/NDF : 0.0/17

91.271+/-285.895 χ^2/NDF : 5.7/38

562.541+/-391.174 χ^2/NDF : 2.6/20

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1516.083 $\pm$ 0.305 χ^2 /NDF: 0.0/16

Left Out: 1516.083 $\pm$ 1.257 χ^2 /NDF: 0.0/0

Right Out: 1516.083 $\pm$ 0.281 χ^2 /NDF: 0.0/19

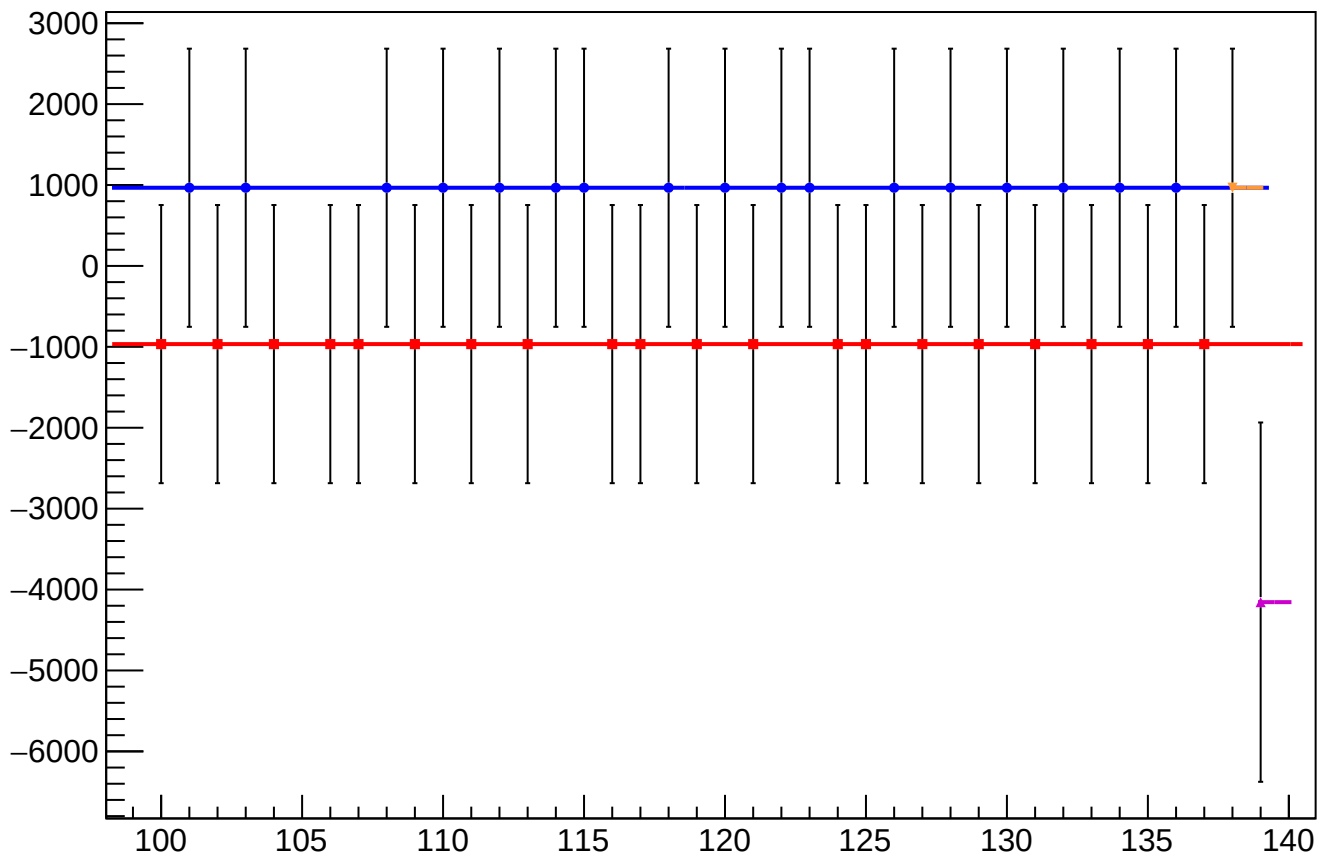
Left In: 1558.723 $\pm$ 1.571 χ^2 /NDF: 0.0/0

1516.083 $\pm$ 0.296 χ^2 /NDF: 0.0/17

1516.789 $\pm$ 0.202 χ^2 /NDF: 724.9/38

1517.405 $\pm$ 0.277 χ^2 /NDF: 714.2/20

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 966.214 $\pm$ 416.909 χ^2 /NDF: 0.0/16

Left Out: 966.214 $\pm$ 1718.961 χ^2 /NDF:0.0/0

Right Out: -966.214 $\pm$ 384.371 χ^2 /NDF: 0.0/19

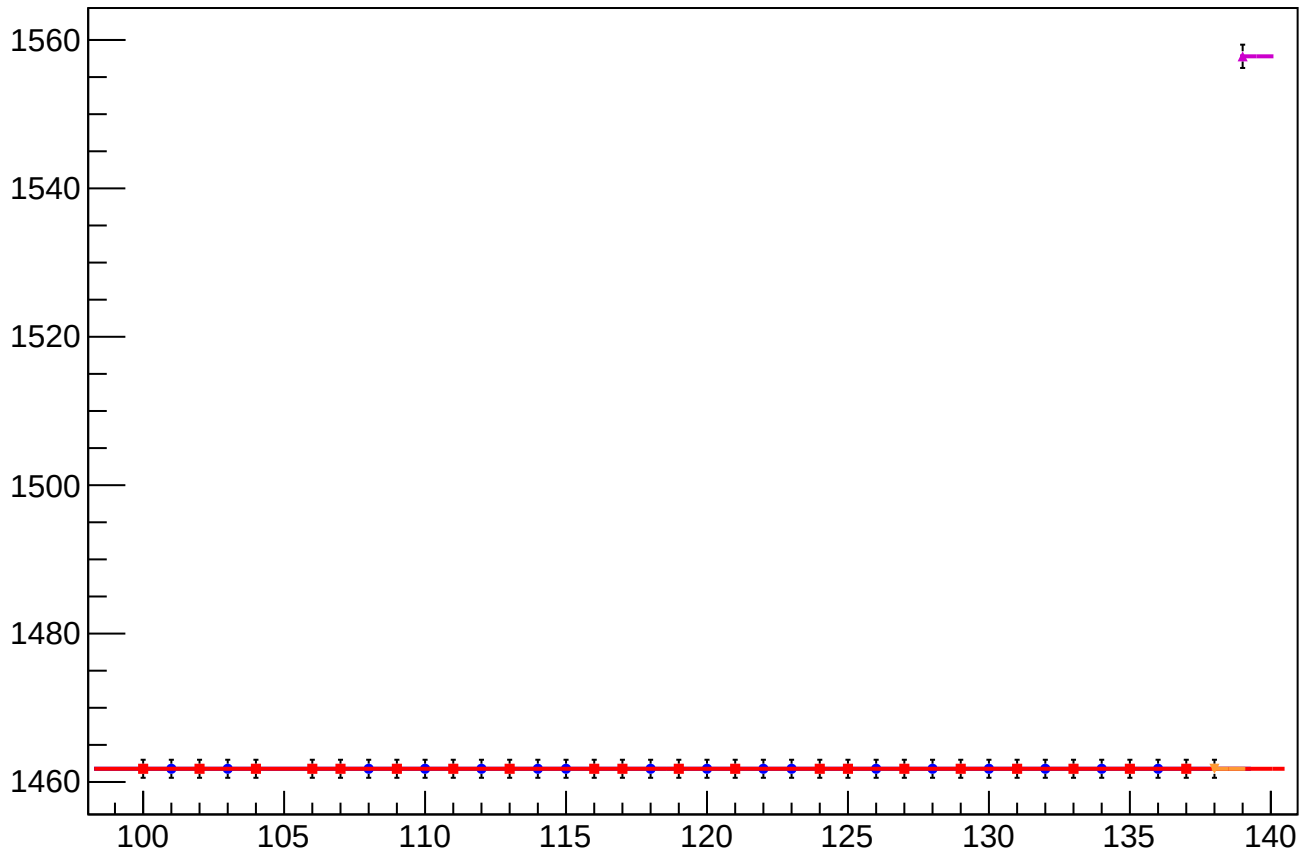
Left In: -4155.540 $\pm$ 2220.467 χ^2 /NDF:0.0/0

966.214 $\pm$ 405.163 χ^2 /NDF: 0.0/17

-114.583 $\pm$ 276.679 χ^2 /NDF: 15.3/38

-1059.002 $\pm$ 378.739 χ^2 /NDF: 2.0/20

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1461.780 $\pm$ 0.295 χ^2 /NDF: 0.0/16

Left Out: 1461.780 $\pm$ 1.215 χ^2 /NDF: 0.0/0

Right Out: 1461.780 $\pm$ 0.272 χ^2 /NDF: 0.0/19

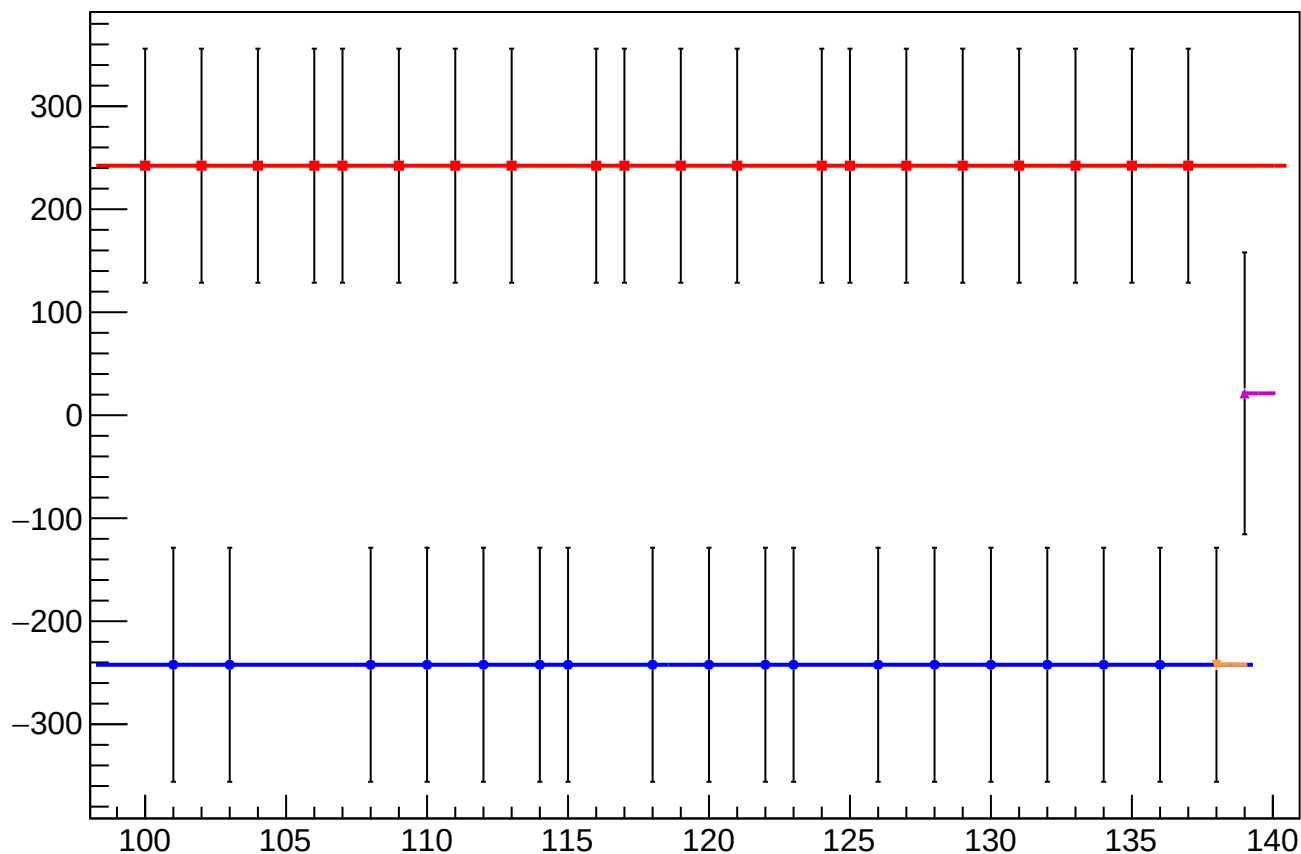
Left In: 1557.798 $\pm$ 1.570 χ^2 /NDF: 0.0/0

1461.780 $\pm$ 0.286 χ^2 /NDF: 0.0/17

1463.271 $\pm$ 0.196 χ^2 /NDF: 3681.6/38

1464.574 $\pm$ 0.268 χ^2 /NDF: 3630.9/20

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -242.262 ± 27.558 χ^2/NDF : 0.0/16

Left Out: -242.262 ± 113.625 χ^2/NDF : 0.0/0

Right Out: 242.262 ± 25.407 χ^2/NDF : 0.0/19

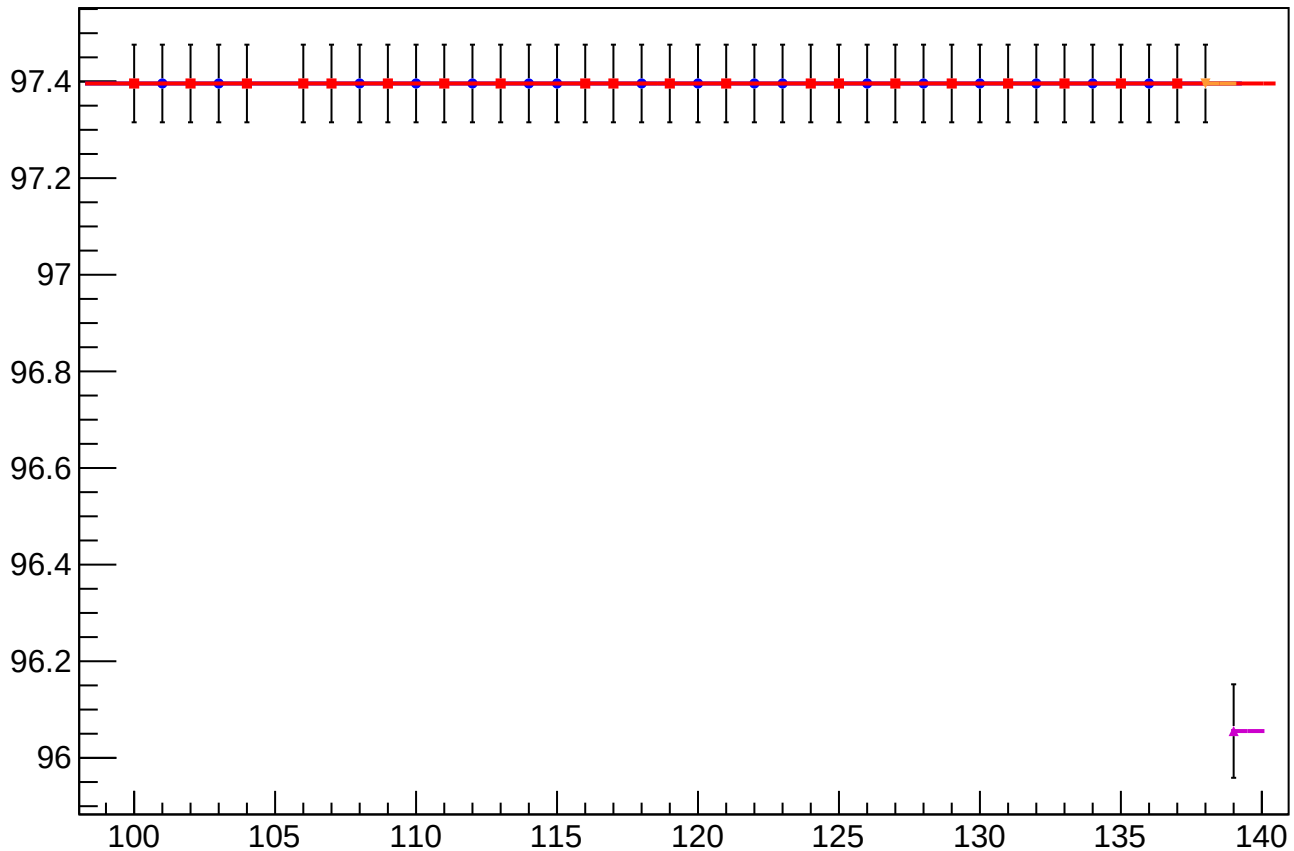
Left In: 21.216 ± 136.841 χ^2/NDF : 0.0/0

-242.262 ± 26.782 χ^2/NDF : 0.0/17

12.901 ± 18.267 χ^2/NDF : 172.3/38

234.895 ± 24.980 χ^2/NDF : 2.5/20

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 97.396 $\pm$ 0.019 χ^2 /NDF: 0.0/16

Left Out: 97.396 $\pm$ 0.080 χ^2 /NDF: 0.0/0

Right Out: 97.396 $\pm$ 0.018 χ^2 /NDF: 0.0/19

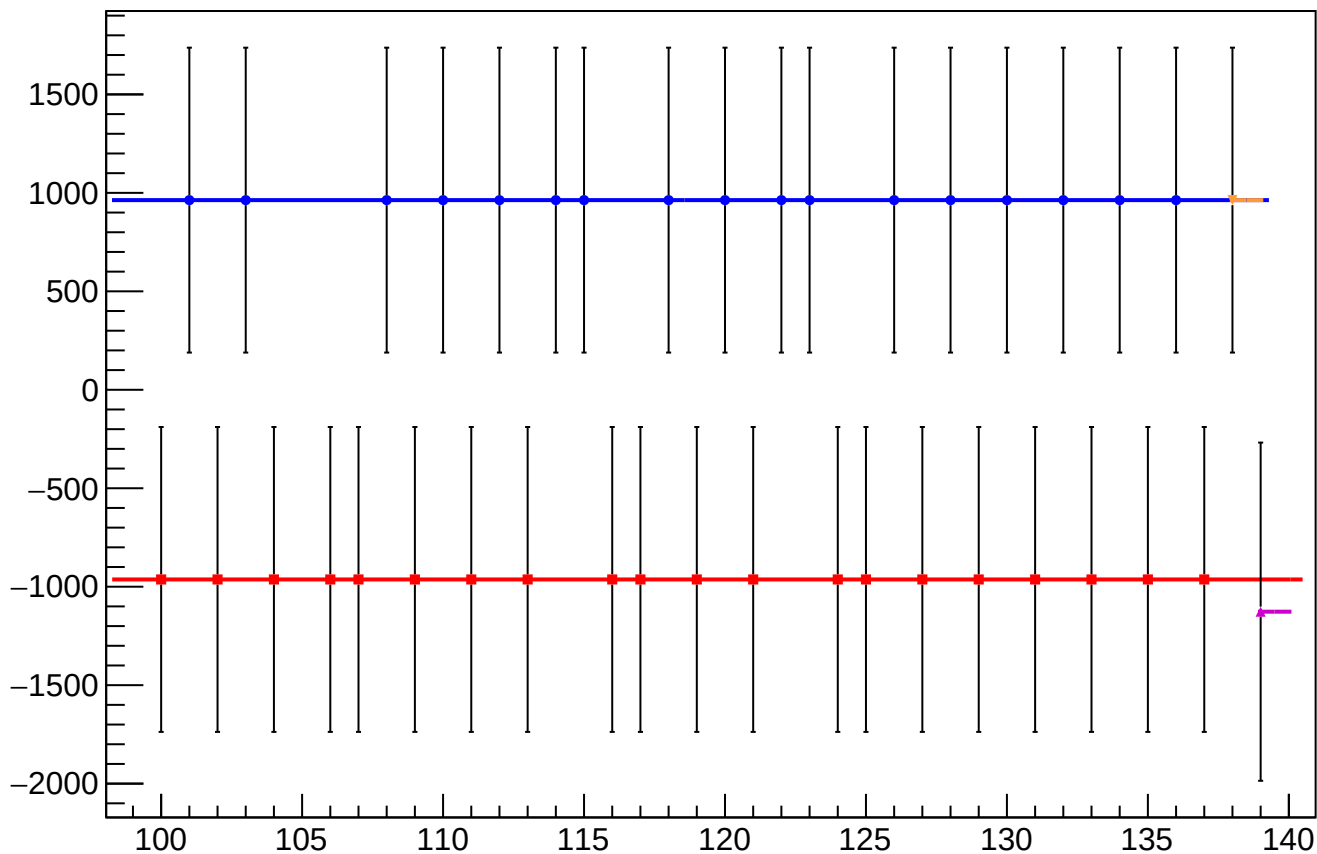
Left In: 96.056 $\pm$ 0.097 χ^2 /NDF: 0.0/0

97.396 $\pm$ 0.019 χ^2 /NDF: 0.0/17

97.372 $\pm$ 0.013 χ^2 /NDF: 188.5/38

97.351 $\pm$ 0.018 χ^2 /NDF: 185.5/20

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 963.150 $\pm$ 187.765 χ^2 /NDF: 0.0/16

Left Out: 963.150 $\pm$ 774.173 χ^2 /NDF: 0.0/0

Right Out: -963.150 $\pm$ 173.110 χ^2 /NDF: 0.0/19

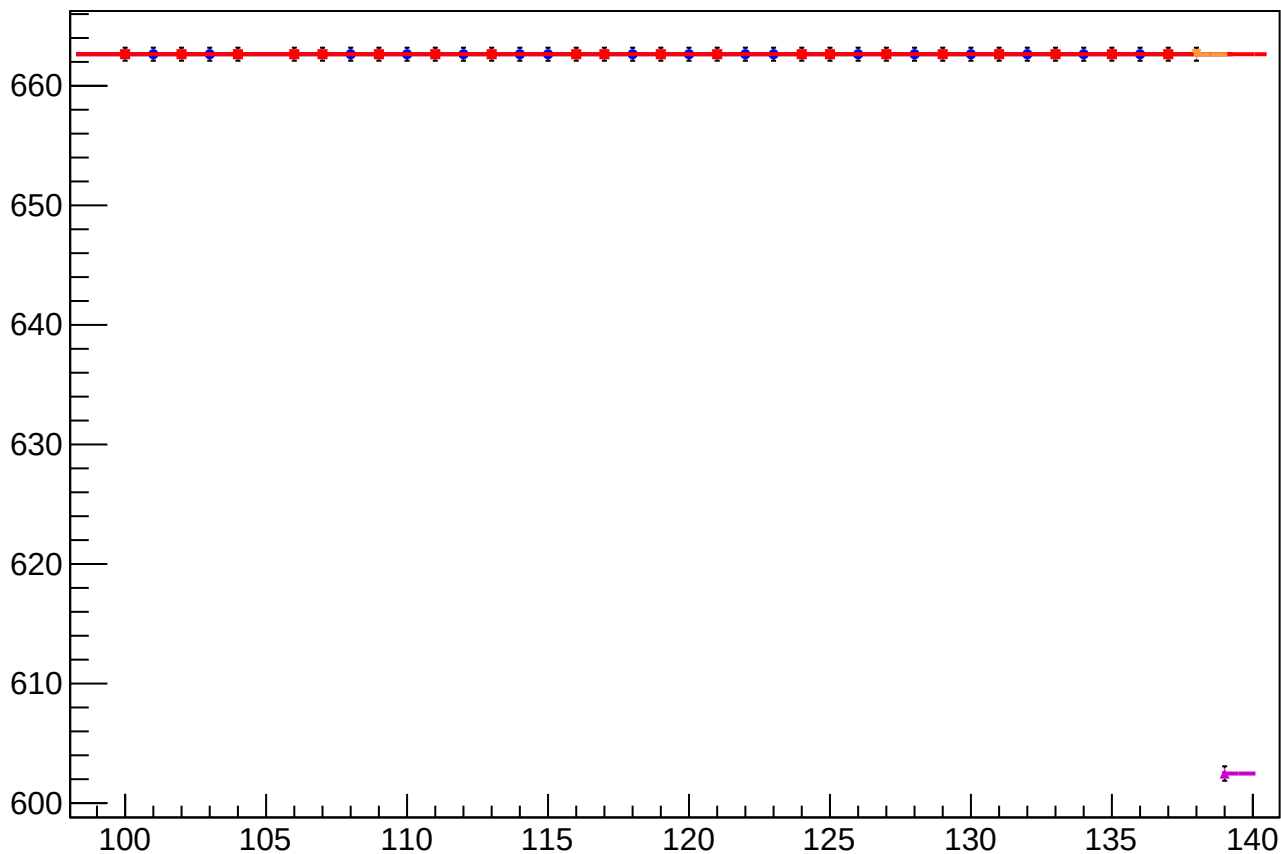
Left In: -1126.868 $\pm$ 858.757 χ^2 /NDF: 0.0/0

963.150 $\pm$ 182.474 χ^2 /NDF: 0.0/17

-73.226 $\pm$ 124.266 χ^2 /NDF: 60.2/38

-969.543 $\pm$ 169.697 χ^2 /NDF: 0.0/20

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 662.643 $\pm$ 0.133 χ^2 /NDF: 0.0/16

Left Out: 662.643 $\pm$ 0.547 χ^2 /NDF: 0.0/0

Right Out: 662.643 $\pm$ 0.122 χ^2 /NDF: 0.0/19

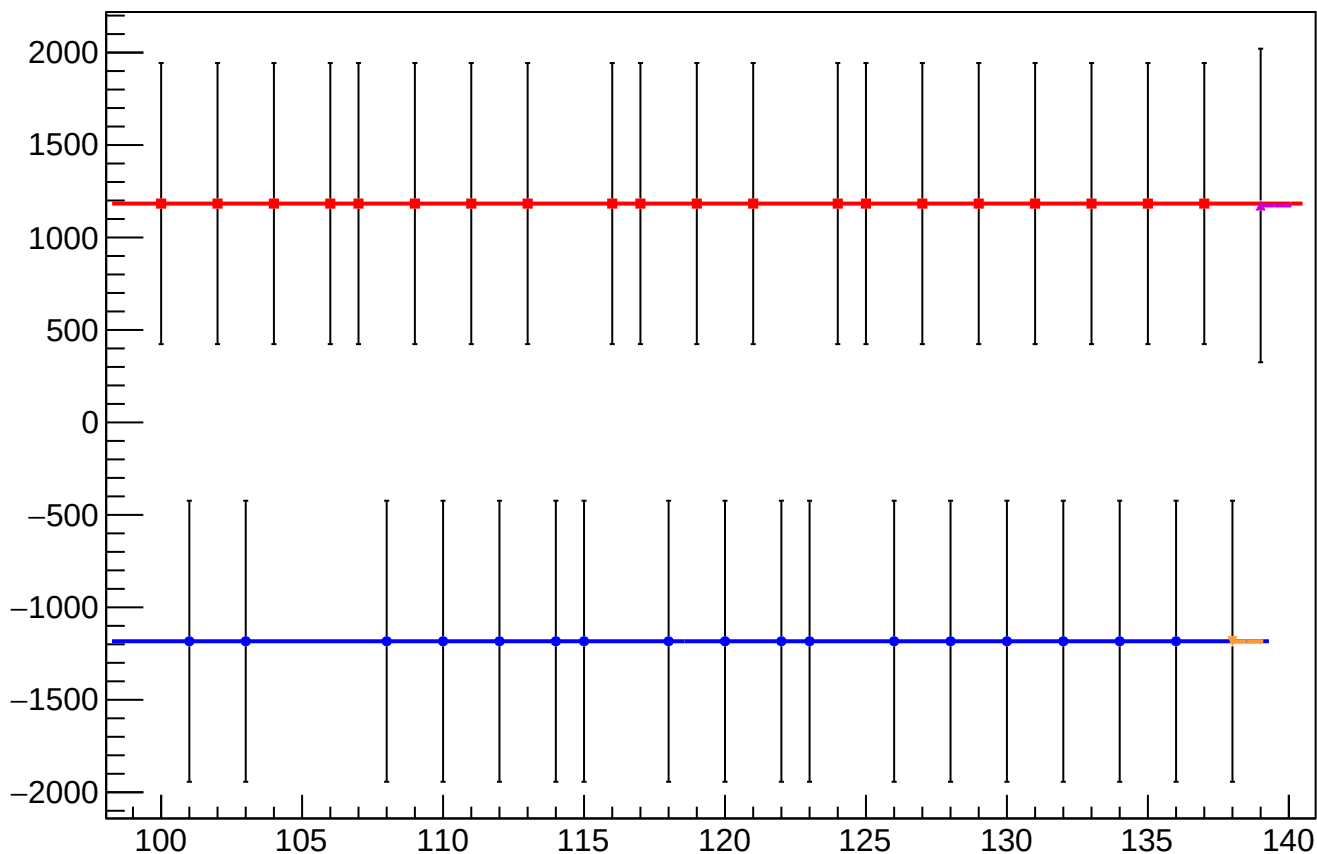
Left In: 602.474 $\pm$ 0.607 χ^2 /NDF: 0.0/0

662.643 $\pm$ 0.129 χ^2 /NDF: 0.0/17

661.383 $\pm$ 0.088 χ^2 /NDF: 9612.7/38

660.294 $\pm$ 0.120 χ^2 /NDF: 9434.9/20

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -1183.379+/-184.317 χ^2/NDF : 0.0/16

Left Out: -1183.379+/-759.960 χ^2/NDF : 0.0/0

Right Out: 1183.379+/-169.932 χ^2/NDF : 0.0/19

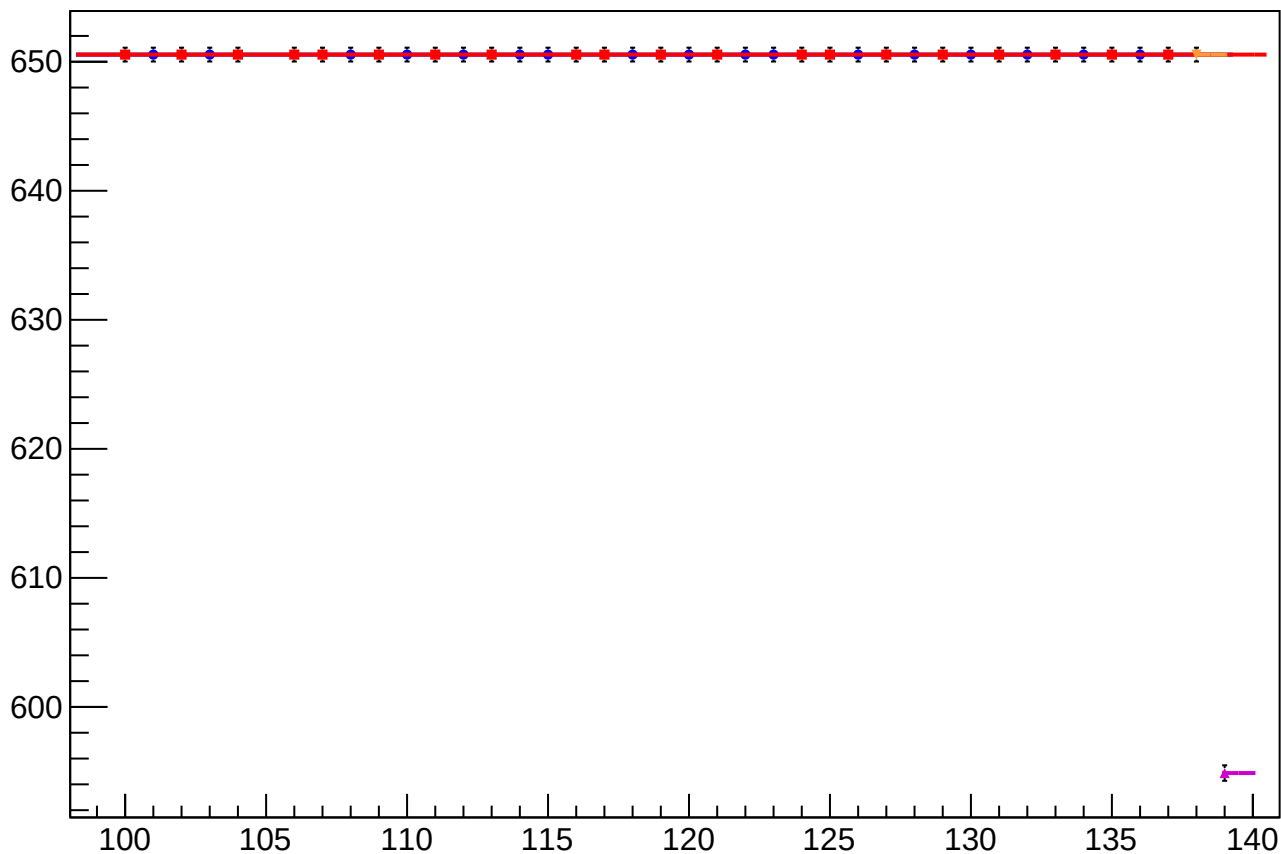
Left In: 1173.129+/-847.916 χ^2/NDF : 0.0/0

-1183.379+/-179.124 χ^2/NDF : 0.0/17

85.280+/-121.999 χ^2/NDF : 93.6/38

1182.984+/-166.619 χ^2/NDF : 0.0/20

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 650.553 $\pm$ 0.130 χ^2 /NDF: 0.0/16

Left Out: 650.553 $\pm$ 0.537 χ^2 /NDF: 0.0/0

Right Out: 650.553 $\pm$ 0.120 χ^2 /NDF: 0.0/19

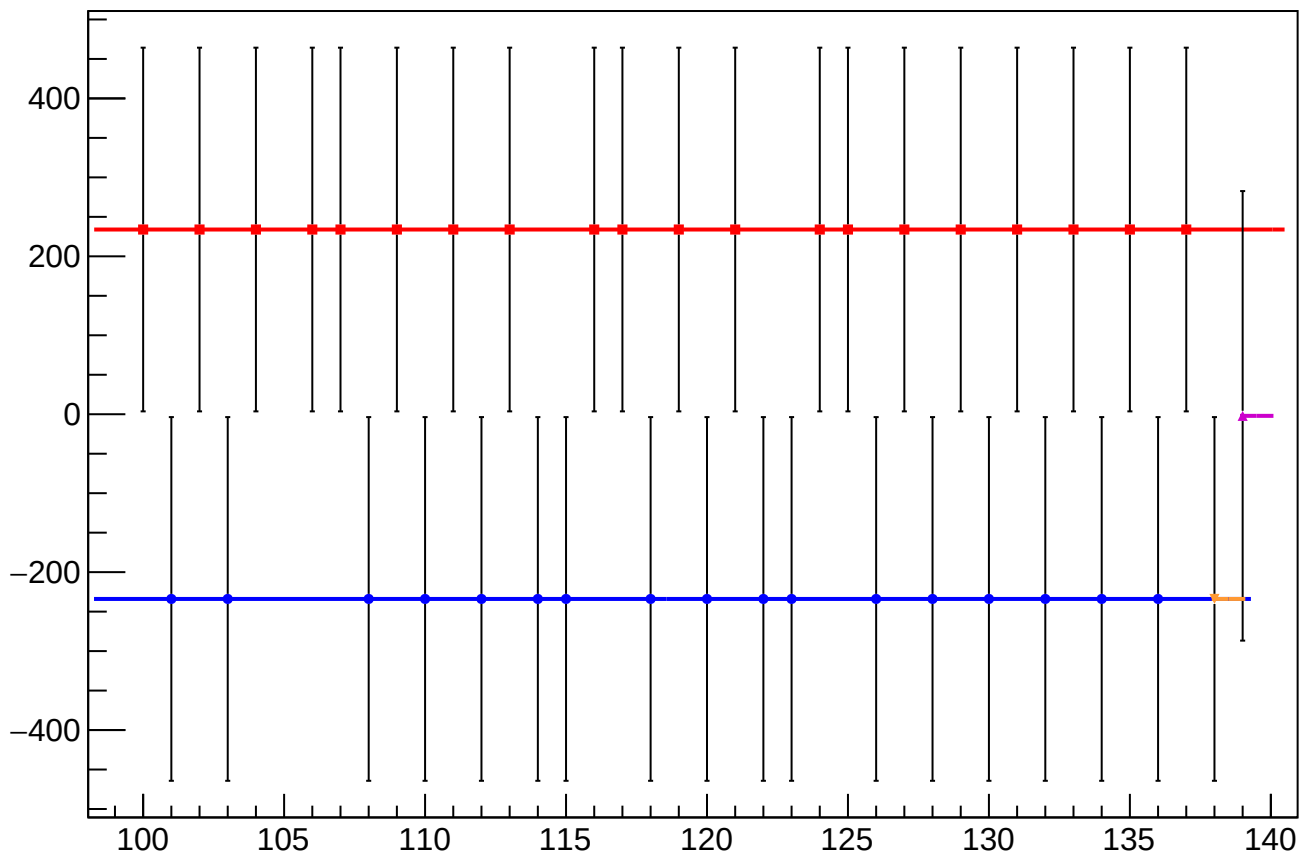
Left In: 594.875 $\pm$ 0.600 χ^2 /NDF: 0.0/0

650.553 $\pm$ 0.127 χ^2 /NDF: 0.0/17

649.400 $\pm$ 0.086 χ^2 /NDF: 8445.0/38

648.403 $\pm$ 0.118 χ^2 /NDF: 8290.5/20

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: -233.951 $\pm$ 55.862 χ^2/NDF : 0.0/16

Left Out: -233.951 $\pm$ 230.325 χ^2/NDF : 0.0/0

Right Out: 233.951 $\pm$ 51.502 χ^2/NDF : 0.0/19

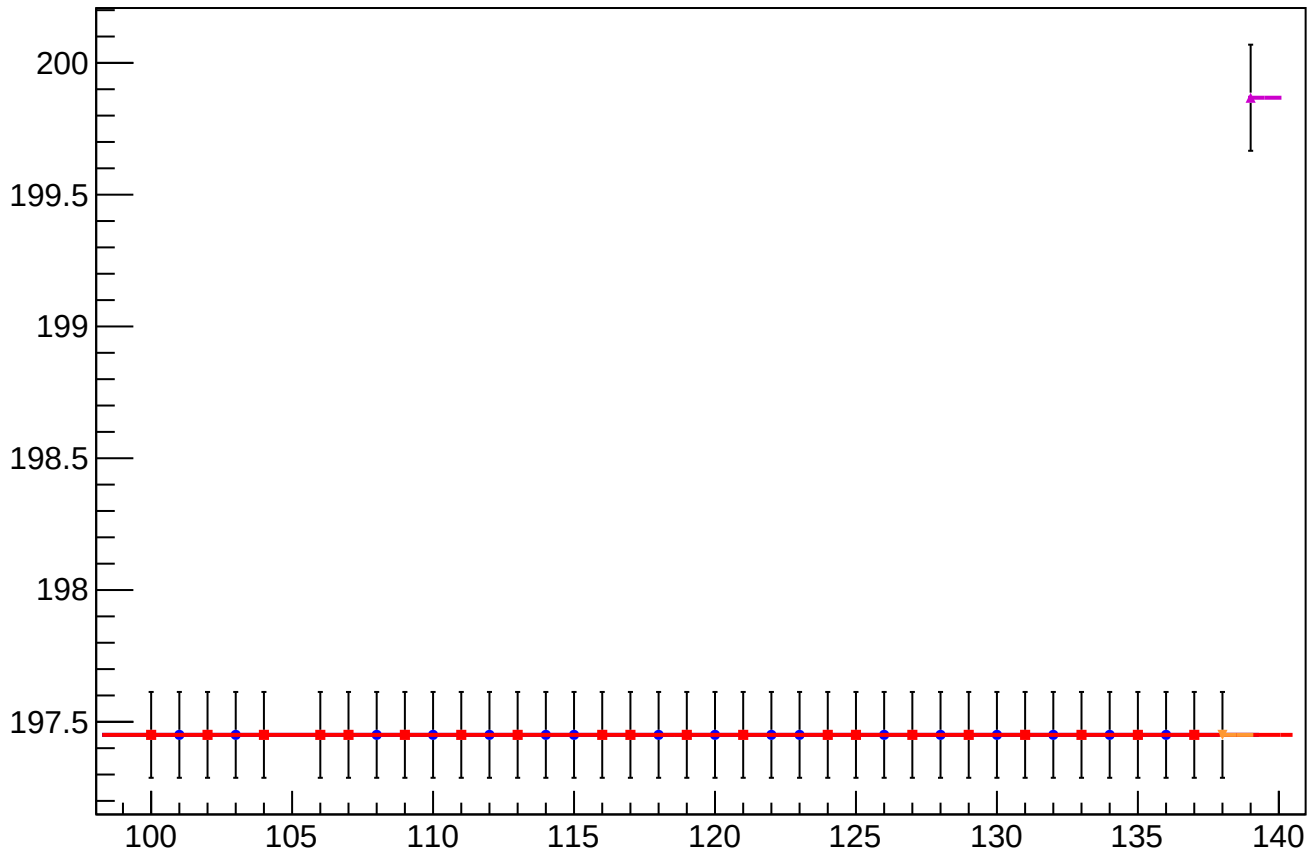
Left In: -2.047 $\pm$ 284.689 χ^2/NDF : 0.0/0

-233.951 $\pm$ 54.288 χ^2/NDF : 0.0/17

12.070 $\pm$ 37.046 χ^2/NDF : 39.1/38

226.472 $\pm$ 50.680 χ^2/NDF : 0.7/20

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 197.450 $\pm$ 0.040 χ^2 /NDF: 0.0/16

Left Out: 197.450 $\pm$ 0.163 χ^2 /NDF: 0.0/0

Right Out: 197.450 $\pm$ 0.036 χ^2 /NDF: 0.0/19

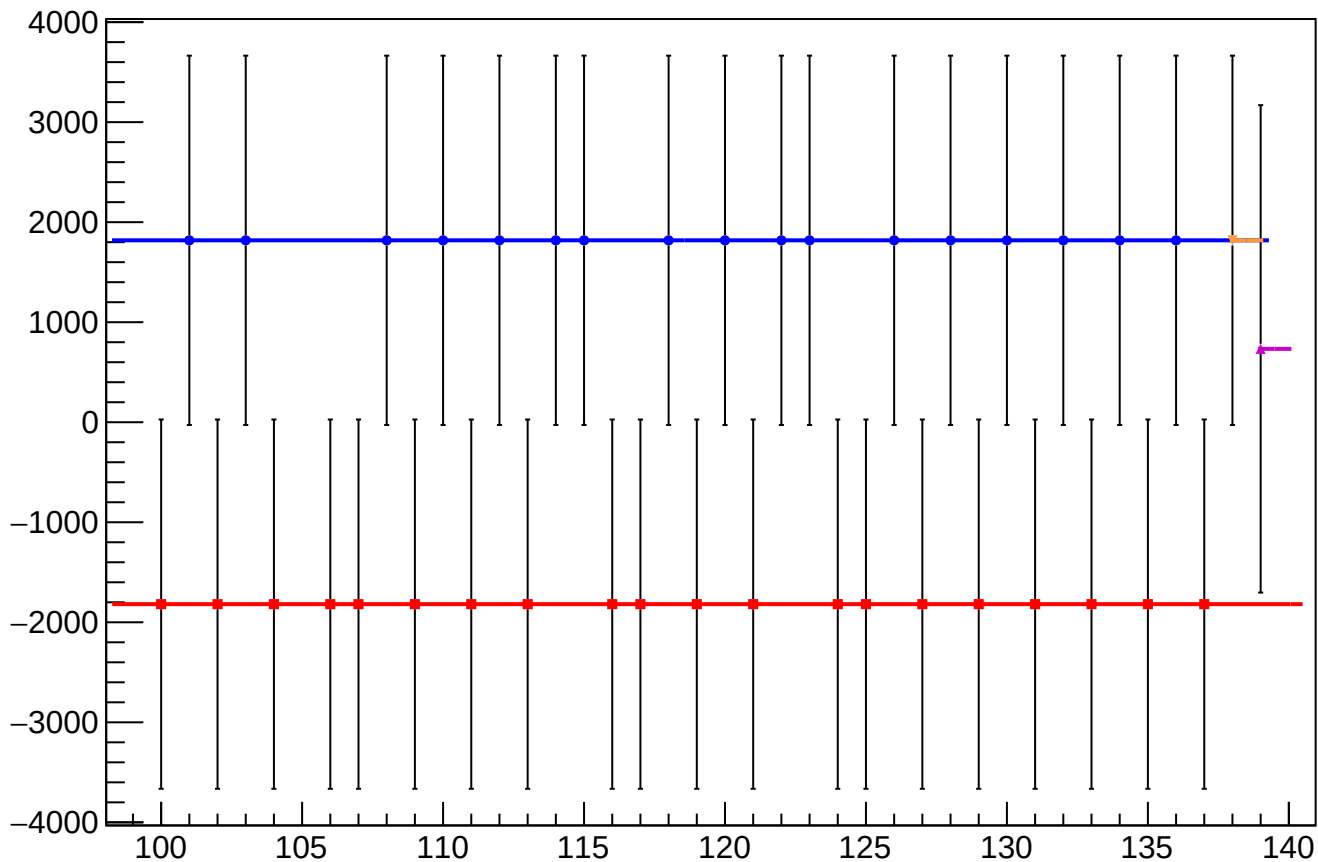
Left In: 199.868 $\pm$ 0.201 χ^2 /NDF: 0.0/0

197.450 $\pm$ 0.038 χ^2 /NDF: 0.0/17

197.491 $\pm$ 0.026 χ^2 /NDF: 141.8/38

197.527 $\pm$ 0.036 χ^2 /NDF: 139.6/20

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 1818.659 $\pm$ 447.705 χ^2 /NDF: 0.0/16

Left Out: 1818.659 $\pm$ 1845.933 χ^2 /NDF: 0.0/0

Right Out: -1818.659 $\pm$ 412.763 χ^2 /NDF: 0.0/19

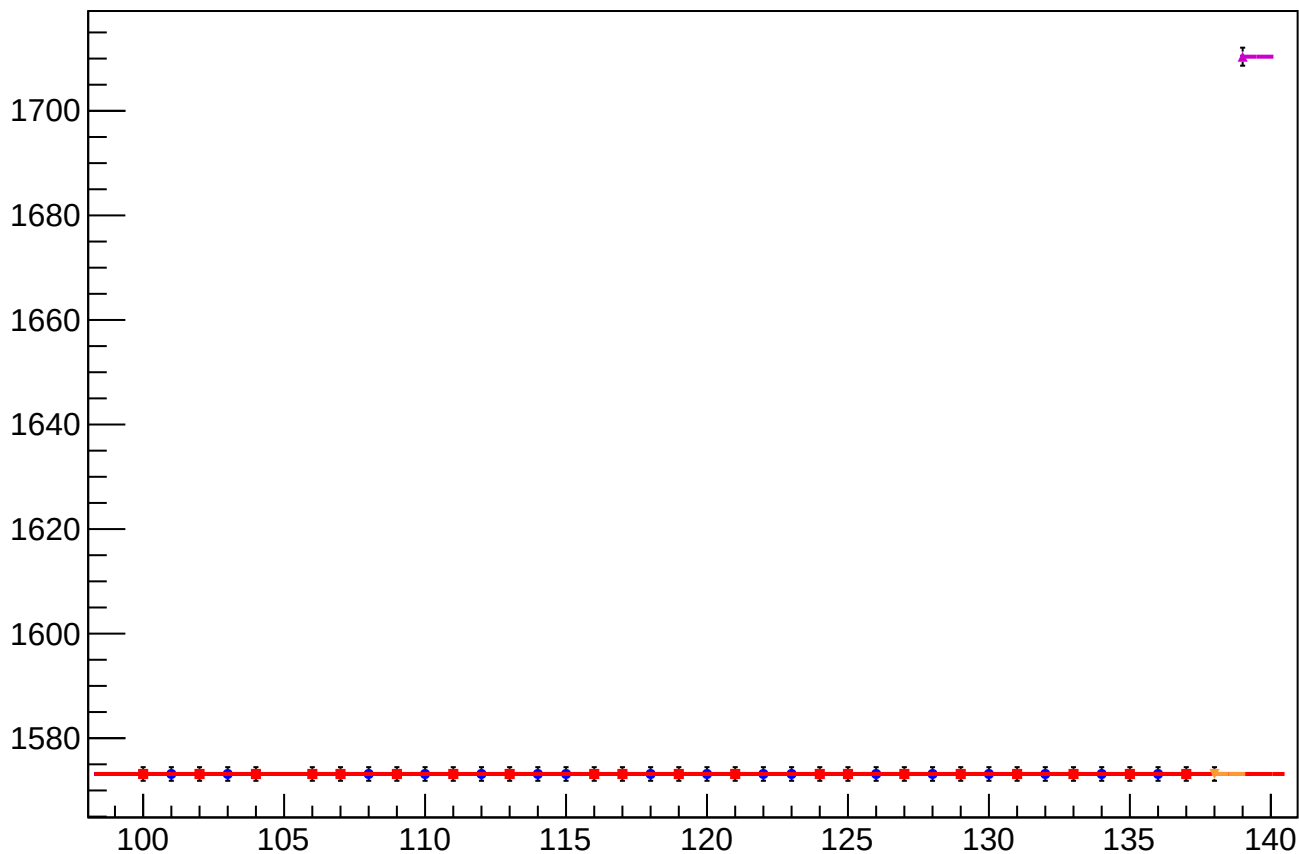
Left In: 733.414 $\pm$ 2436.551 χ^2 /NDF: 0.0/0

1818.659 $\pm$ 435.091 χ^2 /NDF: 0.0/17

-83.382 $\pm$ 297.214 χ^2 /NDF: 36.9/38

-1747.463 $\pm$ 406.965 χ^2 /NDF: 1.1/20

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 1573.153 $\pm$ 0.317 χ^2 /NDF: 0.0/16

Left Out: 1573.153 $\pm$ 1.305 χ^2 /NDF: 0.0/0

Right Out: 1573.153 $\pm$ 0.292 χ^2 /NDF: 0.0/19

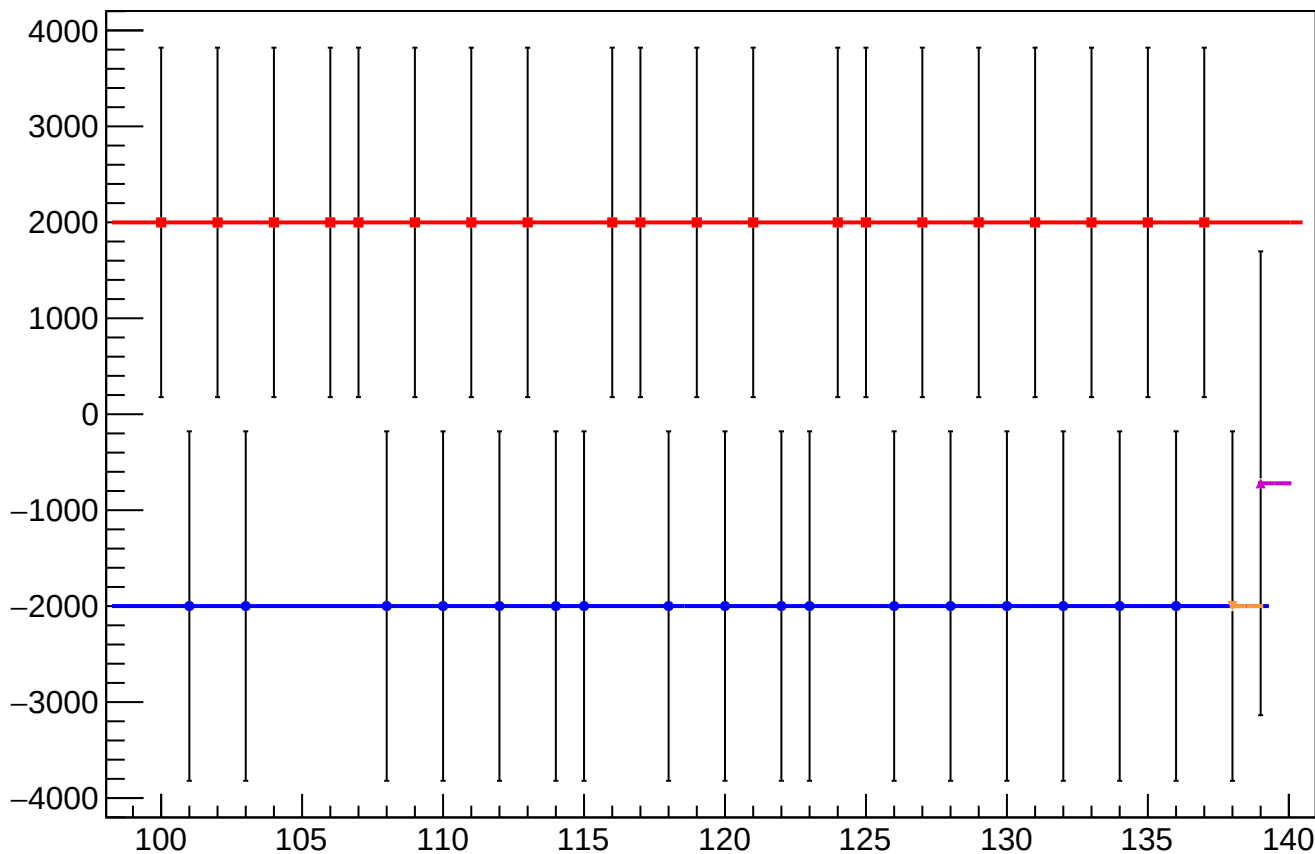
Left In: 1710.363 $\pm$ 1.723 χ^2 /NDF: 0.0/0

1573.153 $\pm$ 0.308 χ^2 /NDF: 0.0/17

1575.195 $\pm$ 0.210 χ^2 /NDF: 6247.9/38

1576.981 $\pm$ 0.288 χ^2 /NDF: 6165.4/20

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: -1999.222 ± 441.641 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -1999.222 ± 1820.933 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1999.222 ± 407.173 $\chi^2/\text{NDF}: 0.0/19$

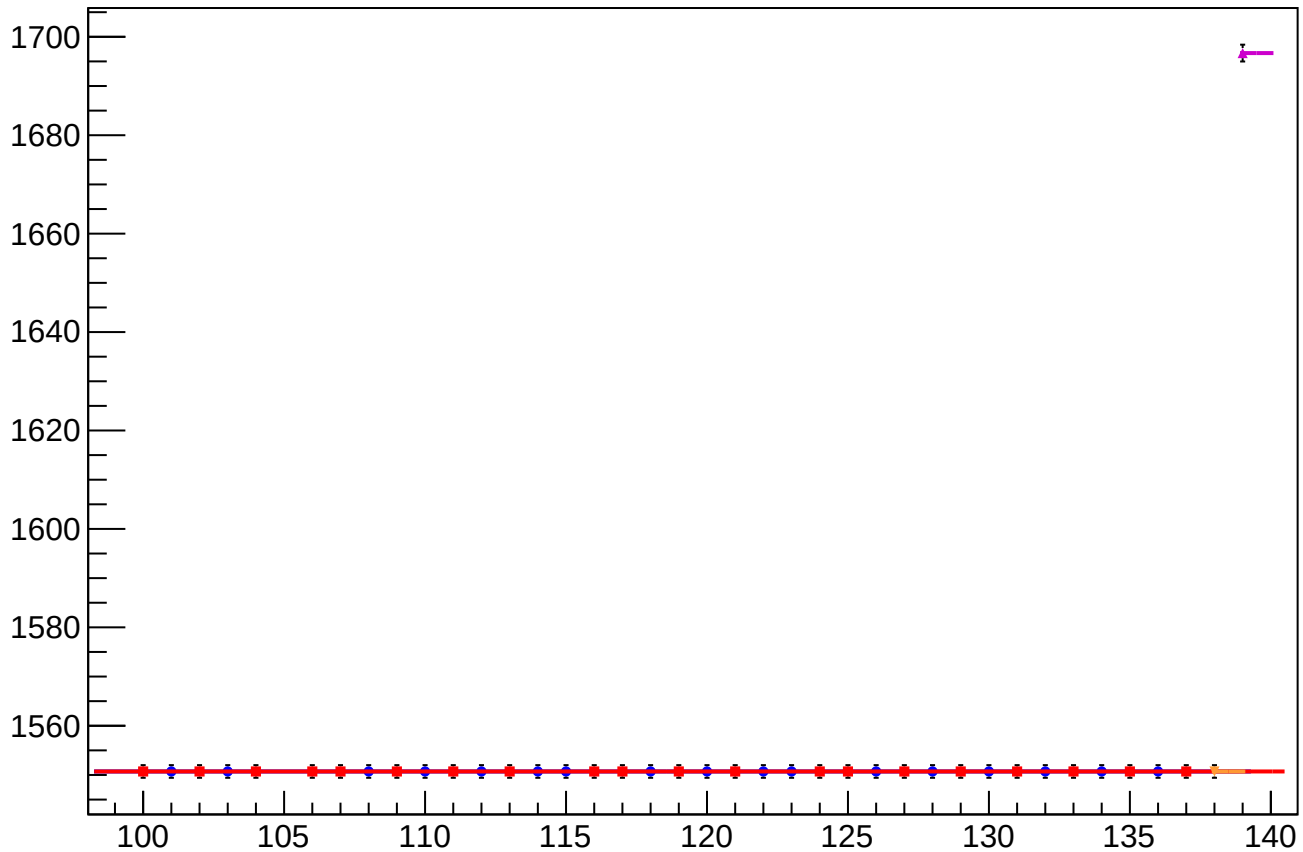
Left In: -719.719 ± 2417.105 $\chi^2/\text{NDF}: 0.0/0$

-1999.222 ± 429.198 $\chi^2/\text{NDF}: 0.0/17$

93.083 ± 293.213 $\chi^2/\text{NDF}: 45.8/38$

1924.196 ± 401.516 $\chi^2/\text{NDF}: 1.2/20$

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 1550.714 $\pm$ 0.312 χ^2 /NDF: 0.0/16

Left Out: 1550.714 $\pm$ 1.288 χ^2 /NDF: 0.0/0

Right Out: 1550.714 $\pm$ 0.288 χ^2 /NDF: 0.0/19

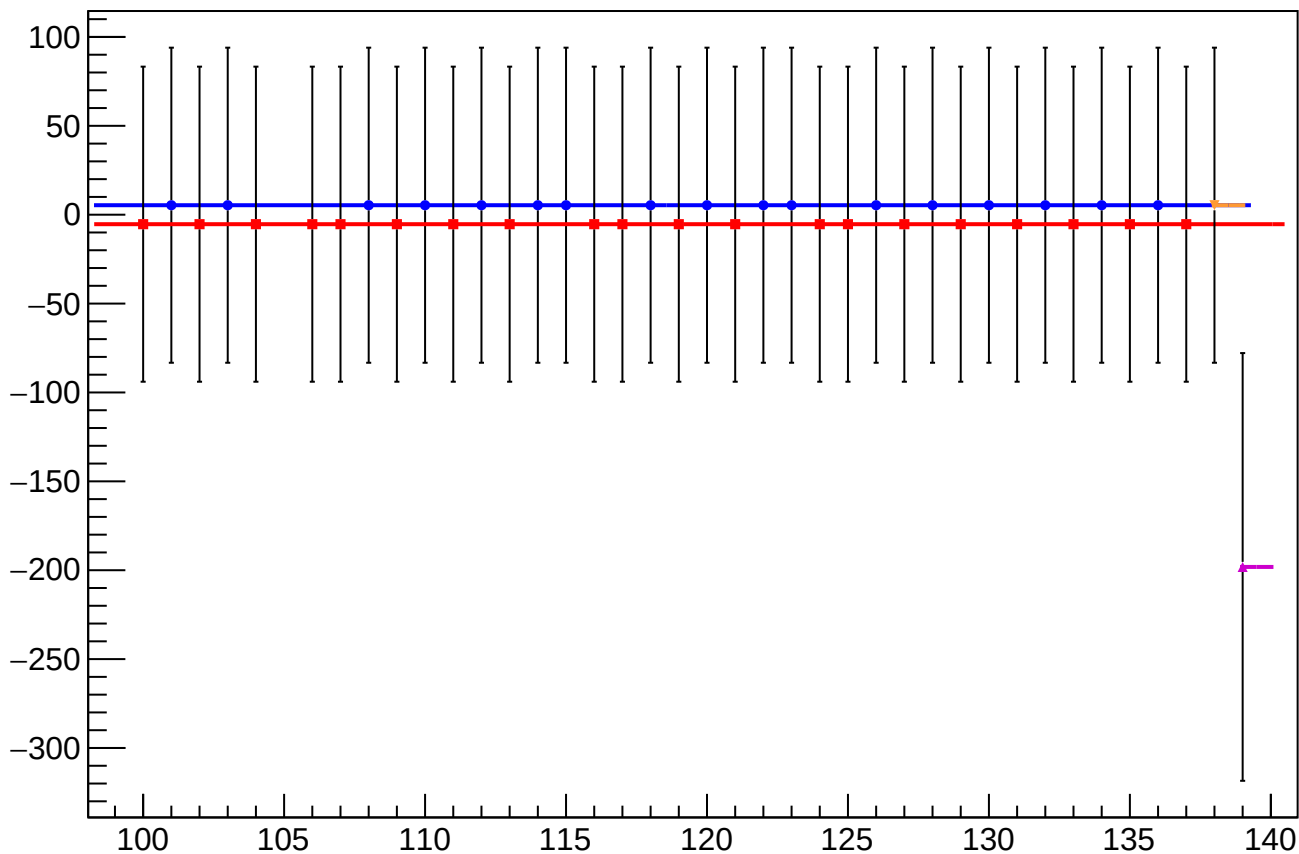
Left In: 1696.692 $\pm$ 1.709 χ^2 /NDF: 0.0/0

1550.714 $\pm$ 0.303 χ^2 /NDF: 0.0/17

1552.862 $\pm$ 0.207 χ^2 /NDF: 7187.4/38

1554.742 $\pm$ 0.284 χ^2 /NDF: 7093.5/20

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 5.337 ± 21.495 χ^2/NDF : 0.0/16

Left Out: 5.337 ± 88.626 χ^2/NDF : 0.0/0

Right Out: -5.337 ± 19.817 χ^2/NDF : 0.0/19

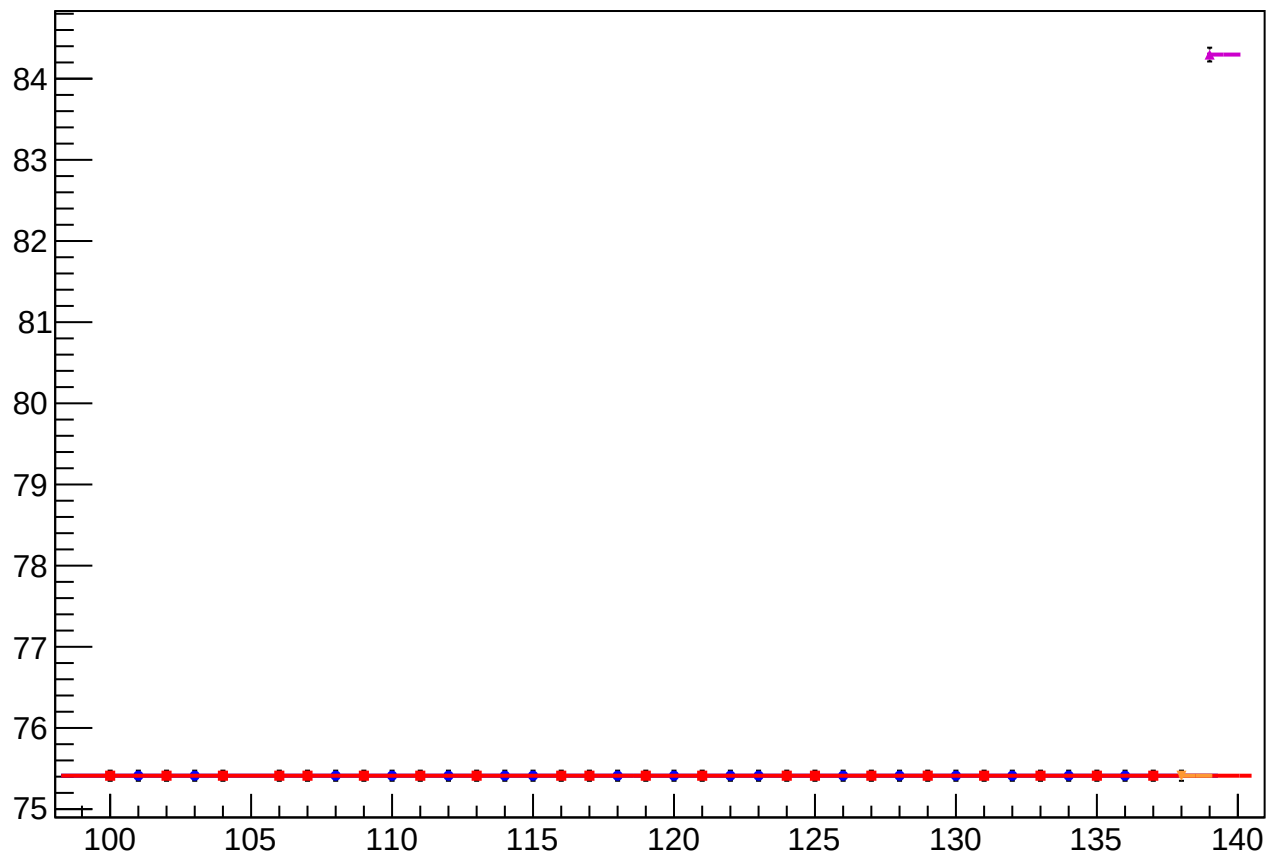
Left In: -198.152 ± 120.309 χ^2/NDF : 0.0/0

5.337 ± 20.889 χ^2/NDF : 0.0/17

-3.067 ± 14.276 χ^2/NDF : 2.8/38

-10.430 ± 19.554 χ^2/NDF : 2.5/20

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 75.412 $\pm$ 0.015 χ^2 /NDF: 0.0/16

Left Out: 75.412 $\pm$ 0.063 χ^2 /NDF: 0.0/0

Right Out: 75.412 $\pm$ 0.014 χ^2 /NDF: 0.0/19

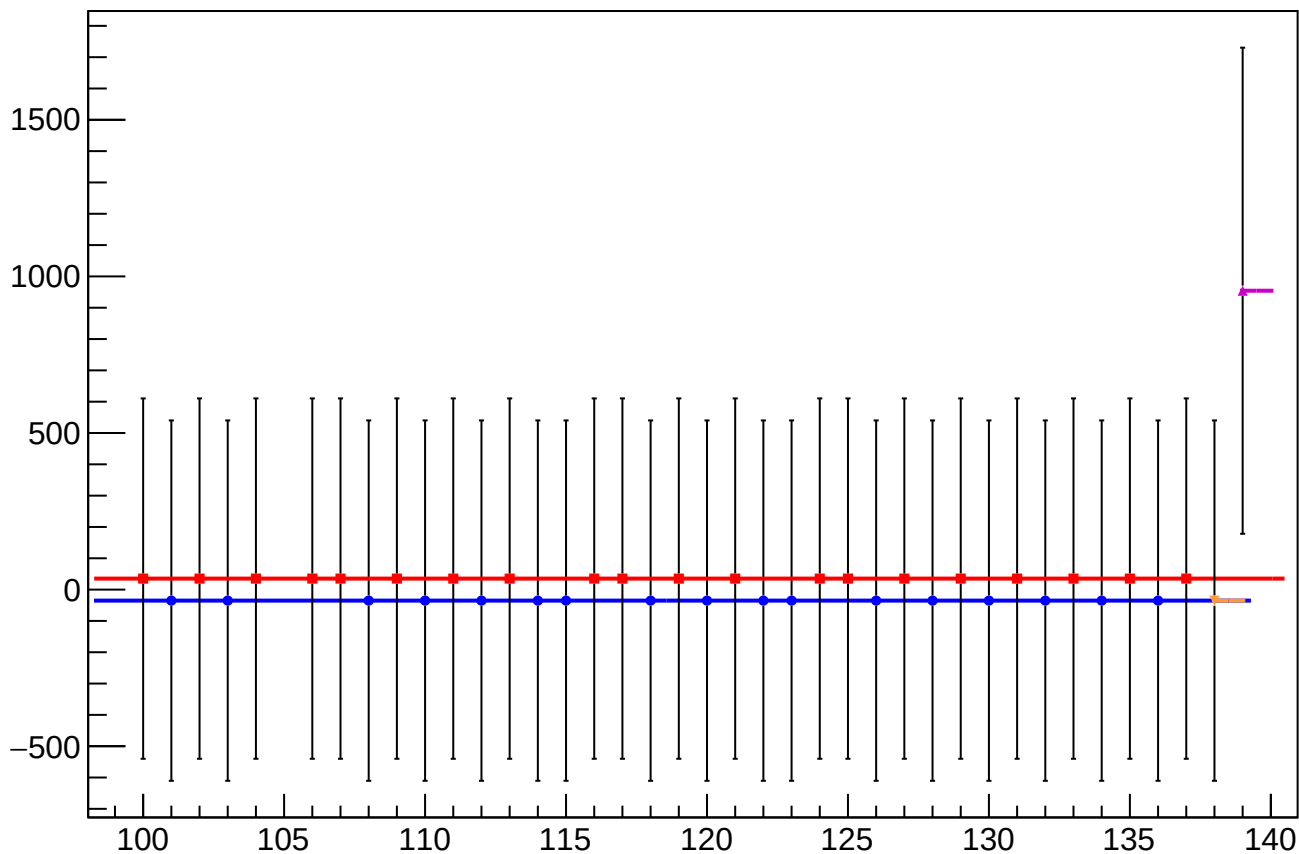
Left In: 84.297 $\pm$ 0.085 χ^2 /NDF: 0.0/0

75.412 $\pm$ 0.015 χ^2 /NDF: 0.0/17

75.537 $\pm$ 0.010 χ^2 /NDF: 10755.5/38

75.646 $\pm$ 0.014 χ^2 /NDF: 10621.0/20

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -35.152 ± 139.538 χ^2/NDF : 0.0/16

Left Out: -35.152 ± 575.330 χ^2/NDF : 0.0/0

Right Out: 35.152 ± 128.648 χ^2/NDF : 0.0/19

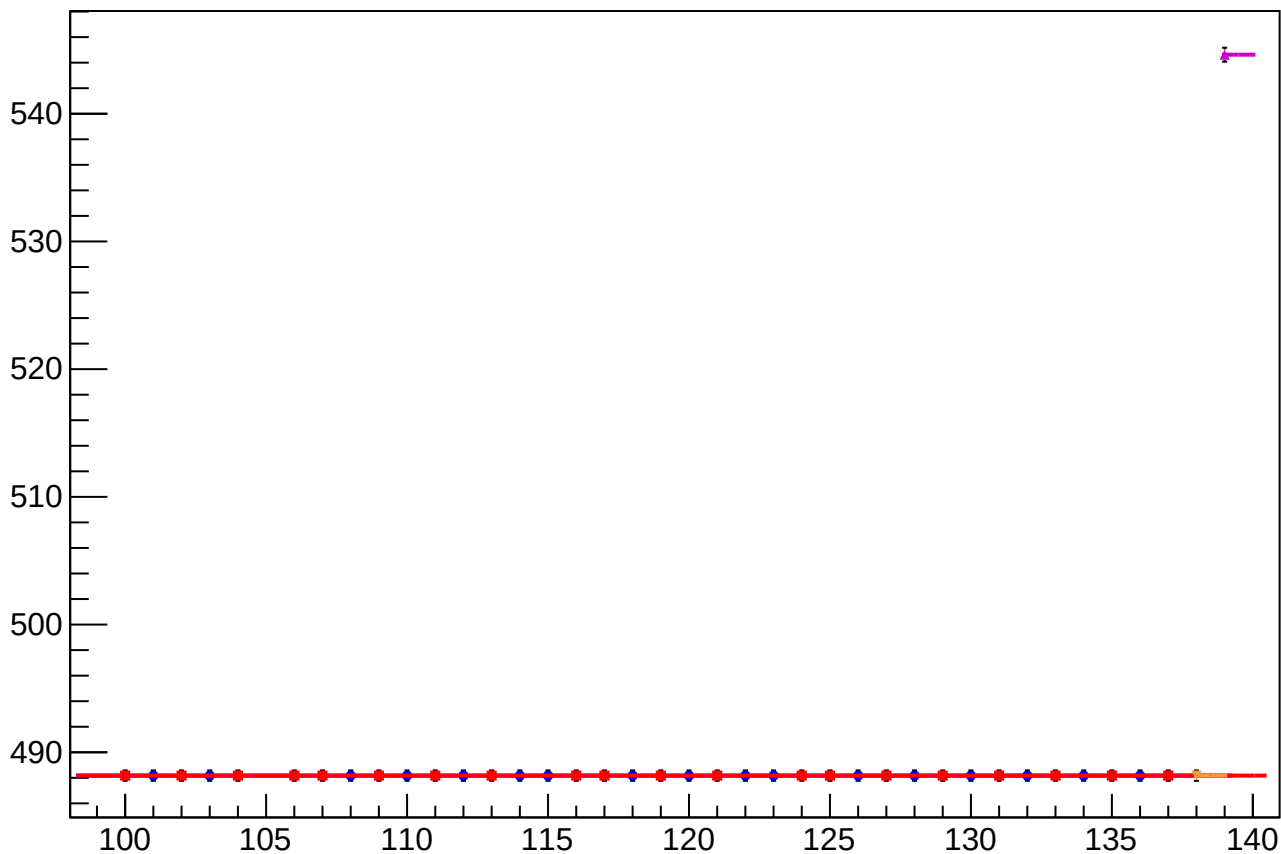
Left In: 954.305 ± 776.043 χ^2/NDF : 0.0/0

-35.152 ± 135.607 χ^2/NDF : 0.0/17

15.430 ± 92.663 χ^2/NDF : 1.6/38

59.736 ± 126.916 χ^2/NDF : 1.4/20

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 488.174 $\pm$ 0.099 χ^2 /NDF: 0.0/16

Left Out: 488.174 $\pm$ 0.407 χ^2 /NDF: 0.0/0

Right Out: 488.174 $\pm$ 0.091 χ^2 /NDF: 0.0/19

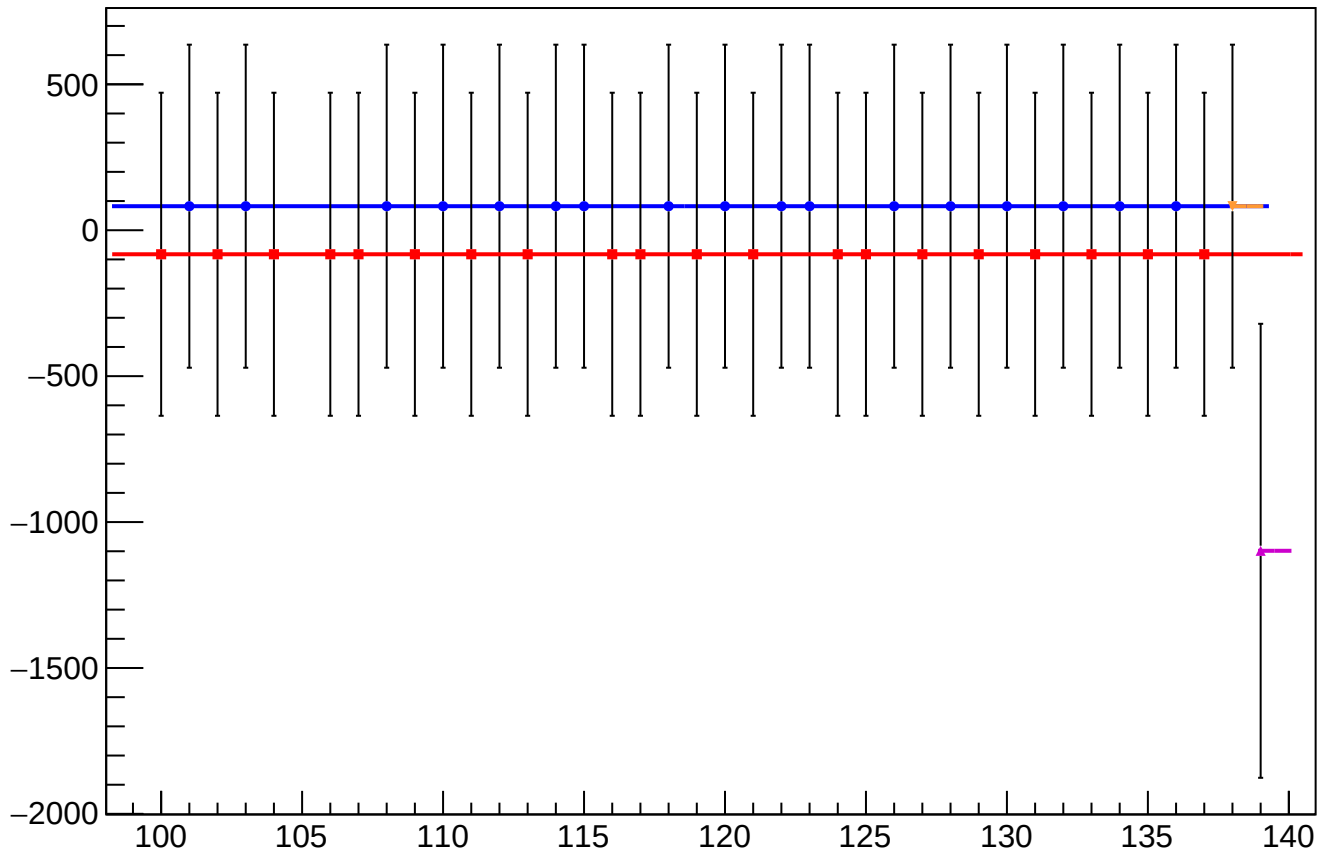
Left In: 544.625 $\pm$ 0.549 χ^2 /NDF: 0.0/0

488.174 $\pm$ 0.096 χ^2 /NDF: 0.0/17

488.979 $\pm$ 0.066 χ^2 /NDF: 10432.1/38

489.684 $\pm$ 0.090 χ^2 /NDF: 10299.9/20

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 82.340+/-134.241 χ^2/NDF : 0.0/16

Left Out: 82.340+/-553.490 χ^2/NDF : 0.0/0

Right Out: -82.340+/-123.764 χ^2/NDF : 0.0/19

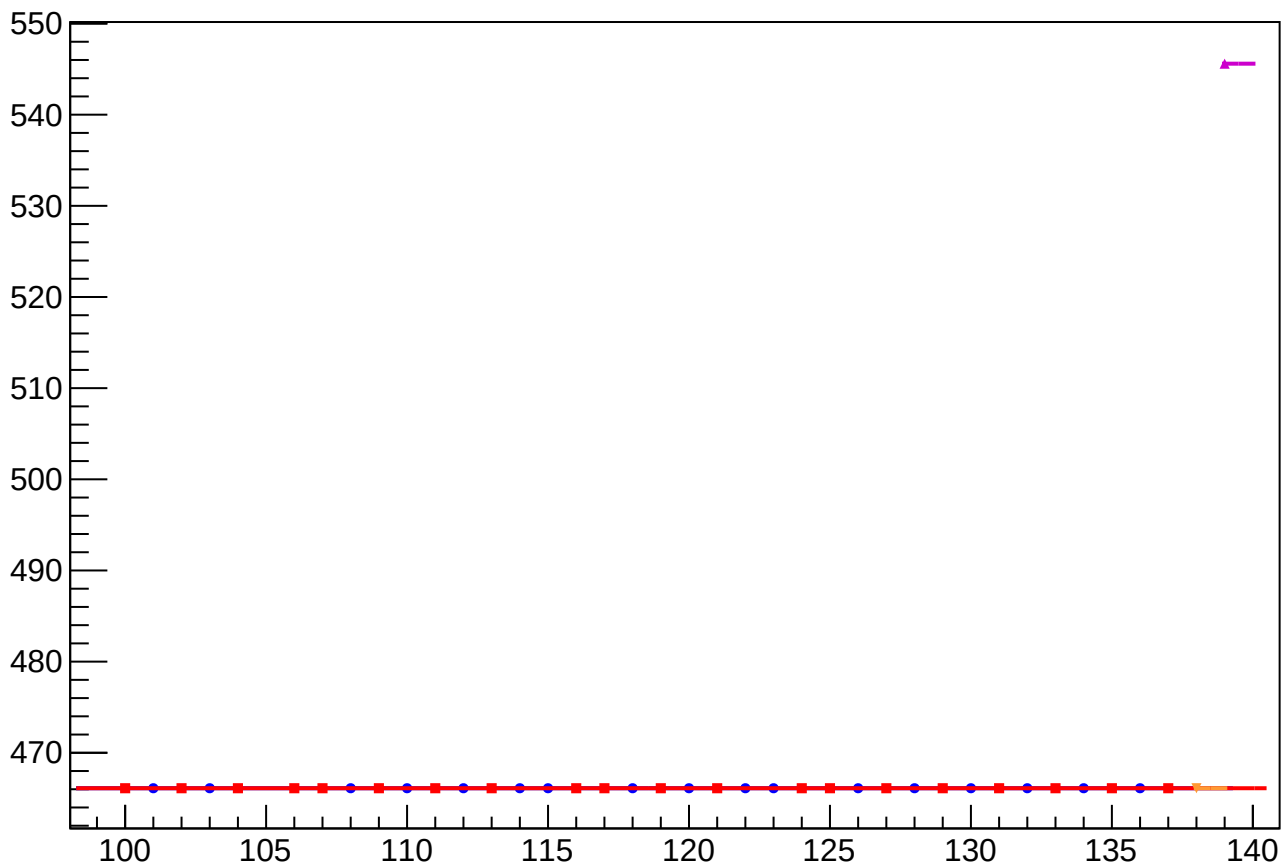
Left In: -1098.427+/-777.828 χ^2/NDF : 0.0/0

82.340+/-130.459 χ^2/NDF : 0.0/17

-18.721+/-89.196 χ^2/NDF : 2.8/38

-107.430+/-122.227 χ^2/NDF : 1.7/20

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 466.112 $\pm$ 0.095 χ^2 /NDF: 0.0/16

Left Out: 466.112 $\pm$ 0.391 χ^2 /NDF: 0.0/0

Right Out: 466.112 $\pm$ 0.088 χ^2 /NDF: 0.0/19

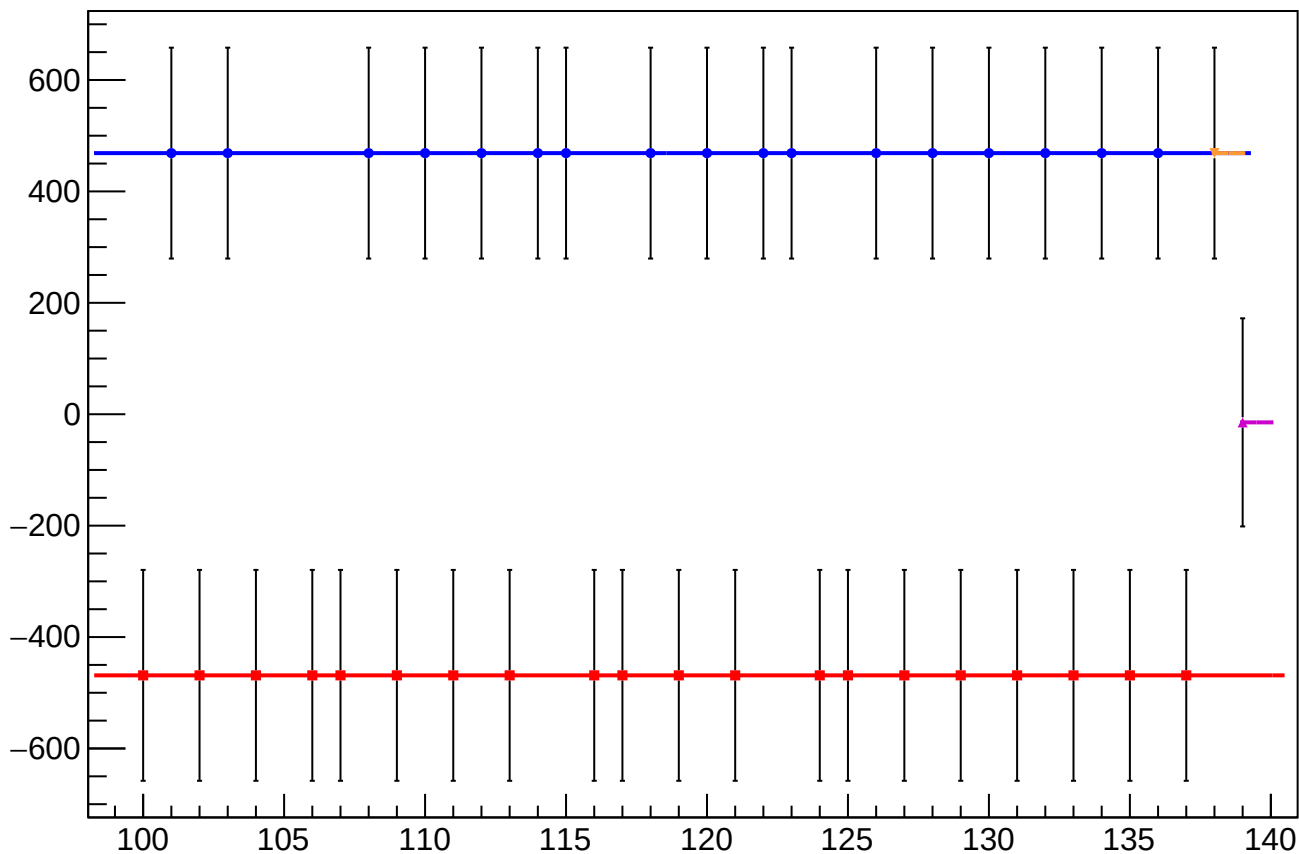
Left In: 545.594 $\pm$ 0.550 χ^2 /NDF: 0.0/0

466.112 $\pm$ 0.092 χ^2 /NDF: 0.0/17

467.157 $\pm$ 0.063 χ^2 /NDF: 20608.7/38

468.074 $\pm$ 0.086 χ^2 /NDF: 20367.7/20

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 468.736 $\pm$ 45.908 χ^2/NDF : 0.0/16

Left Out: 468.736 $\pm$ 189.283 χ^2/NDF : 0.0/0

Right Out: -468.736 $\pm$ 42.325 χ^2/NDF : 0.0/19

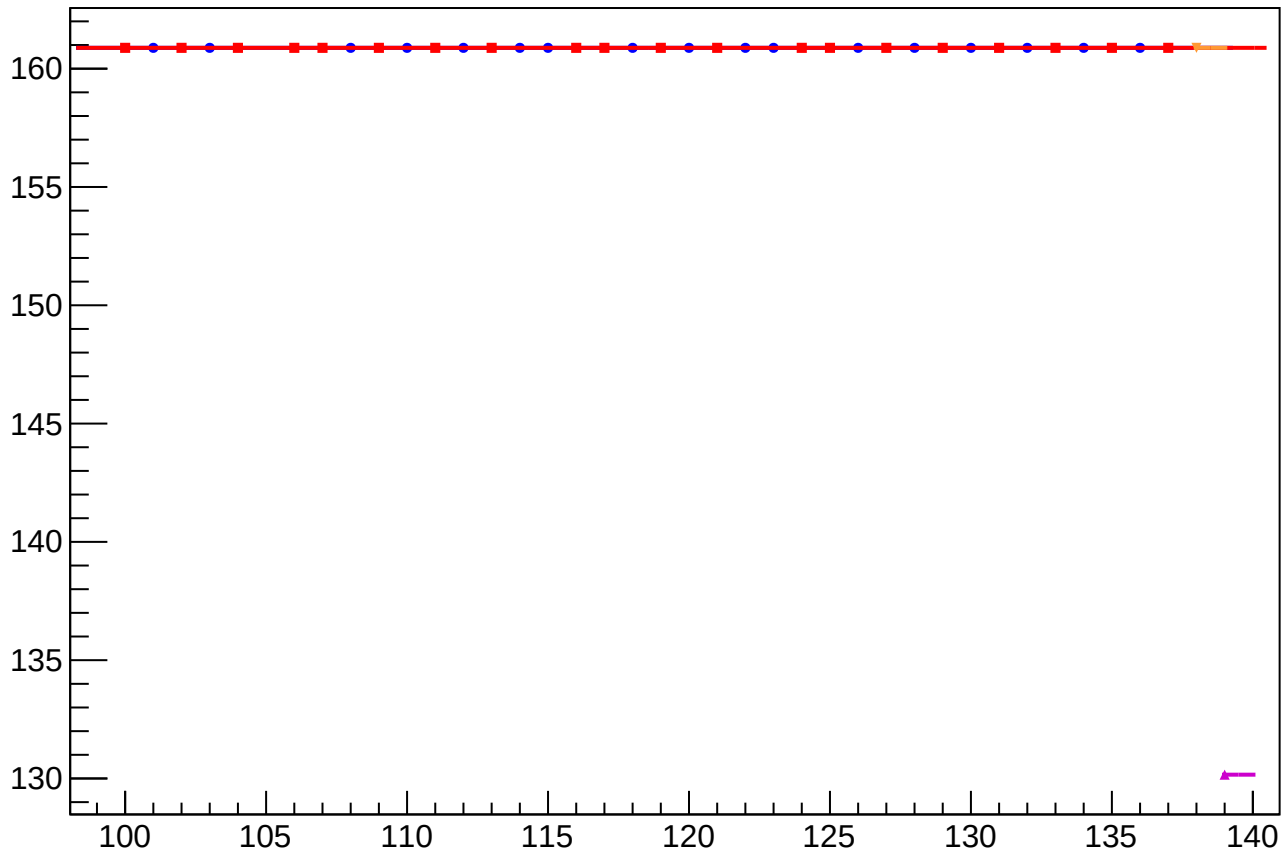
Left In: -14.616 $\pm$ 186.783 χ^2/NDF : 0.0/0

468.736 $\pm$ 44.615 χ^2/NDF : 0.0/17

-24.406 $\pm$ 30.299 χ^2/NDF : 232.4/38

-446.557 $\pm$ 41.279 χ^2/NDF : 5.6/20

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 160.881 $\pm$ 0.032 χ^2 /NDF: 0.0/16

Left Out: 160.881 $\pm$ 0.134 χ^2 /NDF: 0.0/0

Right Out: 160.881 $\pm$ 0.030 χ^2 /NDF: 0.0/19

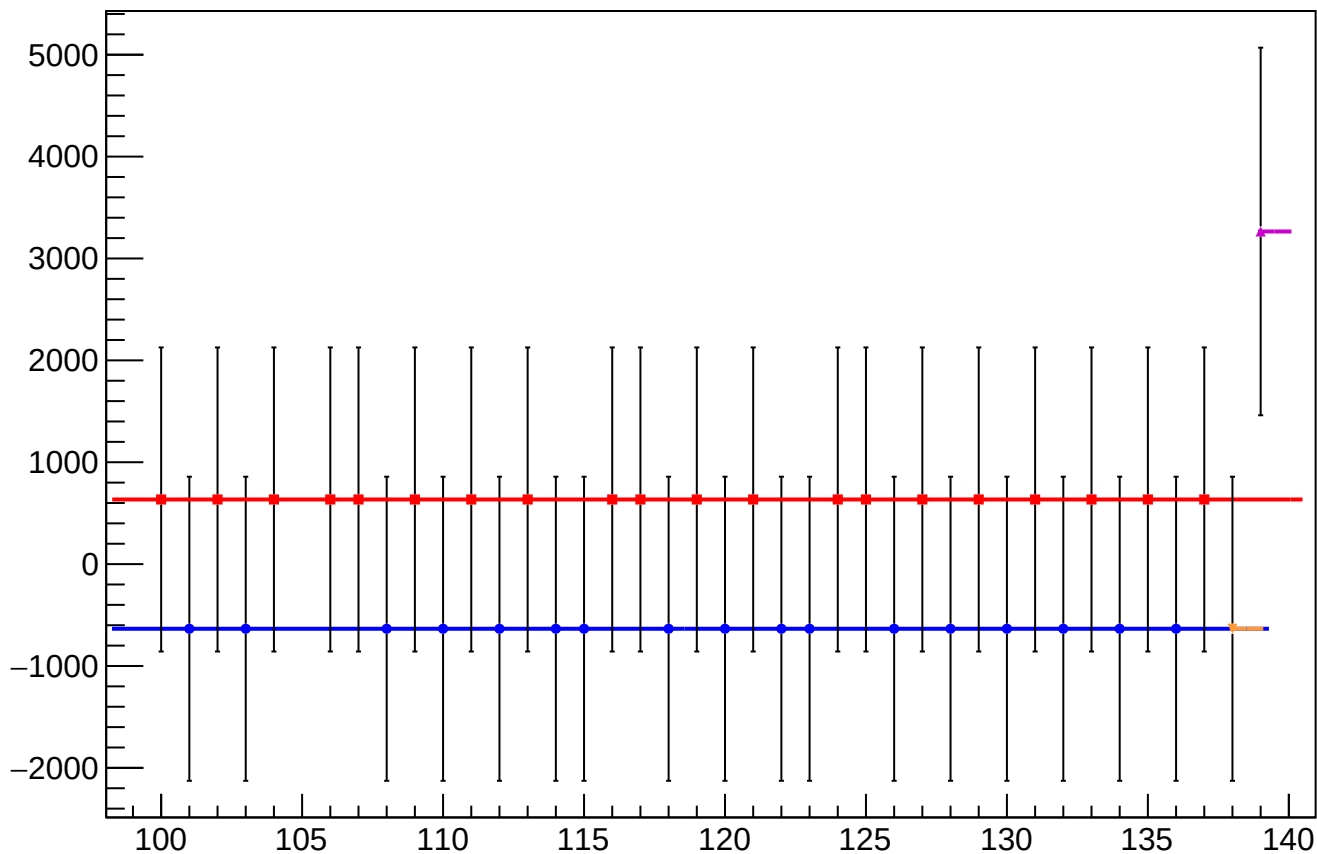
Left In: 130.161 $\pm$ 0.132 χ^2 /NDF: 0.0/0

160.881 $\pm$ 0.032 χ^2 /NDF: 0.0/17

160.073 $\pm$ 0.021 χ^2 /NDF: 52677.6/38

159.381 $\pm$ 0.029 χ^2 /NDF: 51458.9/20

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -634.515+/-361.959 χ^2/NDF : 0.0/16

Left Out: -634.515+/-1492.393 χ^2/NDF : 0.0/0

Right Out: 634.515+/-333.709 χ^2/NDF : 0.0/19

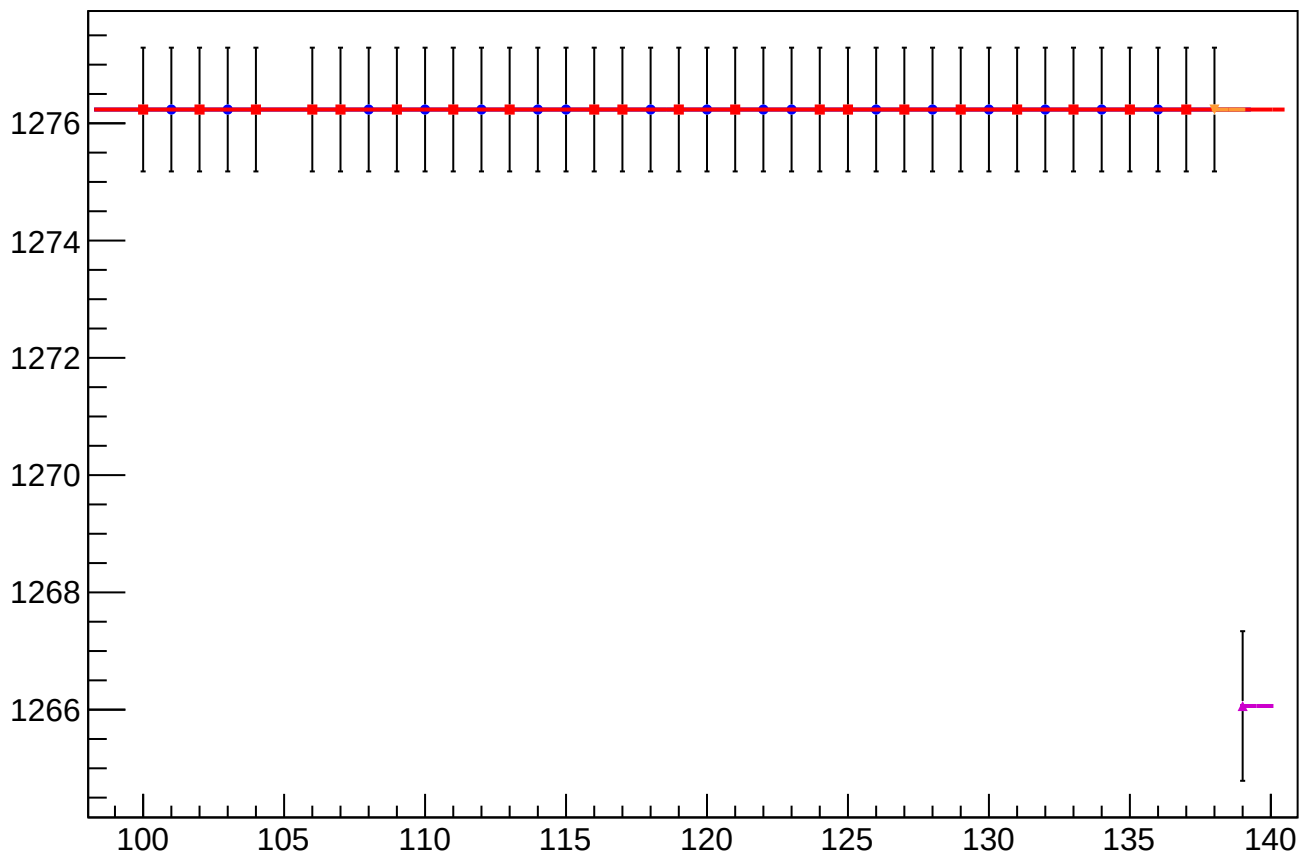
Left In: 3265.133+/-1804.091 χ^2/NDF : 0.0/0

-634.515+/-351.760 χ^2/NDF : 0.0/17

90.563+/-239.947 χ^2/NDF : 10.0/38

721.545+/-328.143 χ^2/NDF : 2.1/20

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1276.234 $\pm$ 0.256 χ^2 /NDF: 0.0/16

Left Out: 1276.234 $\pm$ 1.055 χ^2 /NDF: 0.0/0

Right Out: 1276.234 $\pm$ 0.236 χ^2 /NDF: 0.0/19

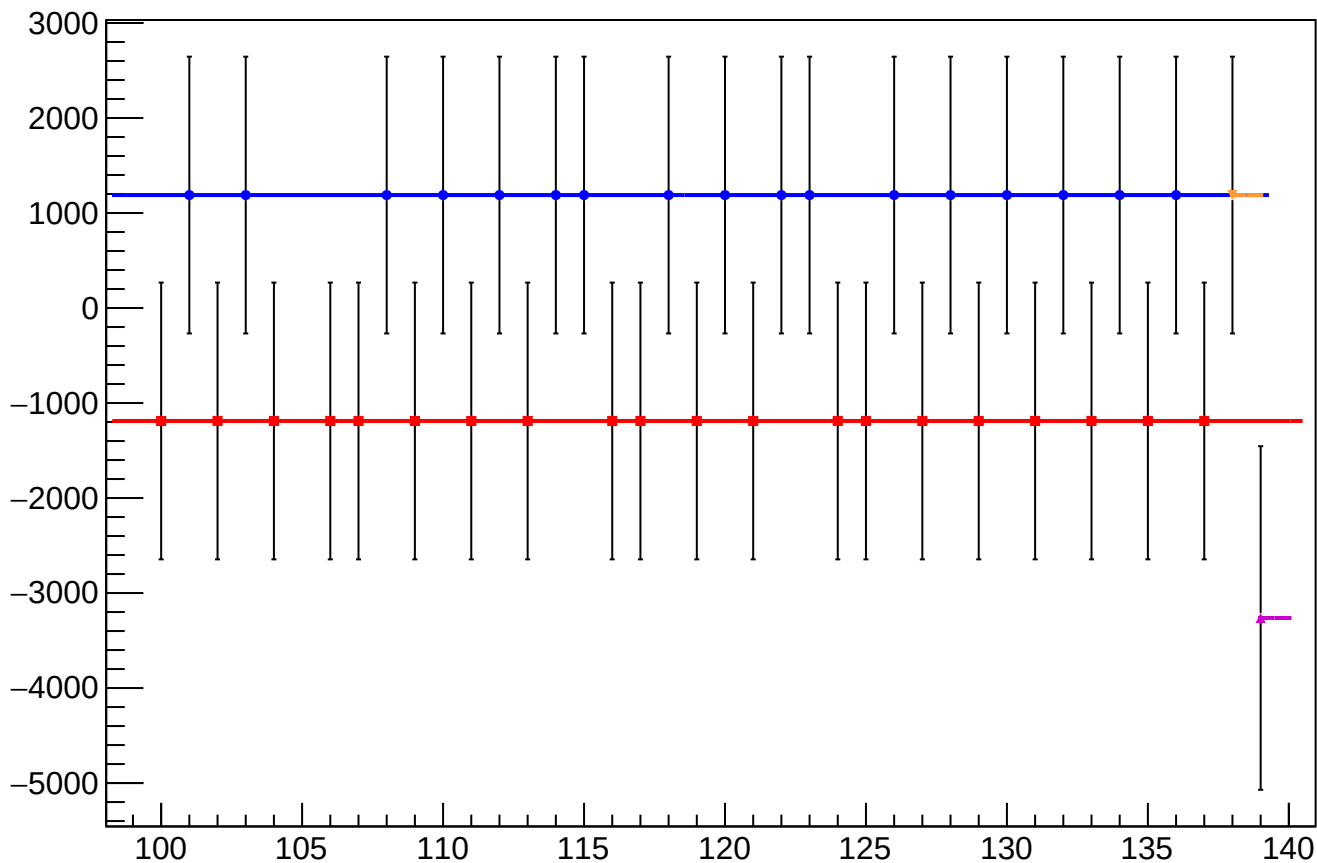
Left In: 1266.063 $\pm$ 1.276 χ^2 /NDF: 0.0/0

1276.234 $\pm$ 0.249 χ^2 /NDF: 0.0/17

1276.054 $\pm$ 0.170 χ^2 /NDF: 62.5/38

1275.898 $\pm$ 0.232 χ^2 /NDF: 61.5/20

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 1188.936 $\pm$ 353.273 χ^2 /NDF: 0.0/16

Left Out: 1188.936 $\pm$ 1456.583 χ^2 /NDF:0.0/0

Right Out: -1188.936 $\pm$ 325.702 χ^2 /NDF: 0.0/19

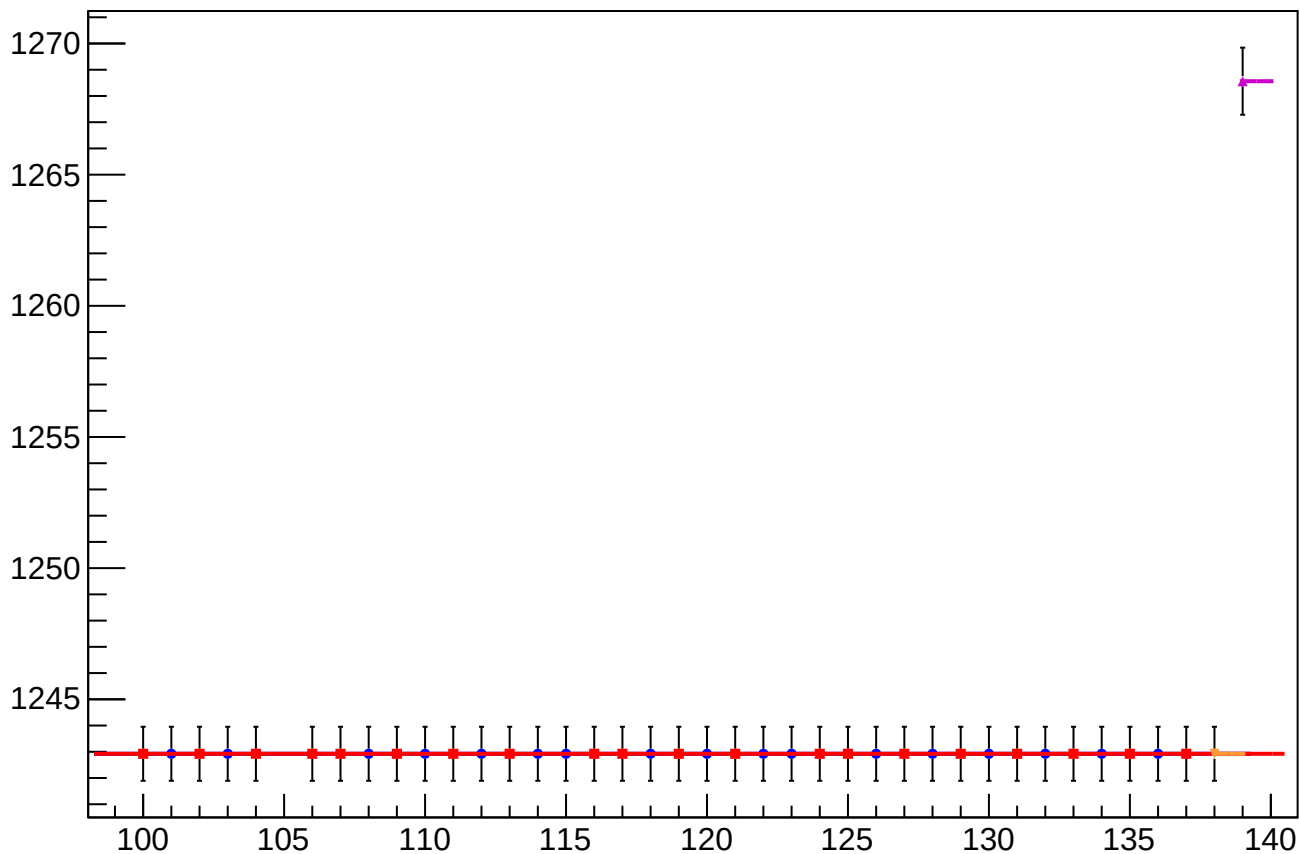
Left In: -3262.754 $\pm$ 1808.246 χ^2 /NDF:0.0/0

1188.936 $\pm$ 343.320 χ^2 /NDF: 0.0/17

-116.303 $\pm$ 234.297 χ^2 /NDF: 28.3/38

-1254.104 $\pm$ 320.544 χ^2 /NDF: 1.3/20

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1242.923 $\pm$ 0.250 χ^2 /NDF: 0.0/16

Left Out: 1242.923 $\pm$ 1.030 χ^2 /NDF: 0.0/0

Right Out: 1242.923 $\pm$ 0.230 χ^2 /NDF: 0.0/19

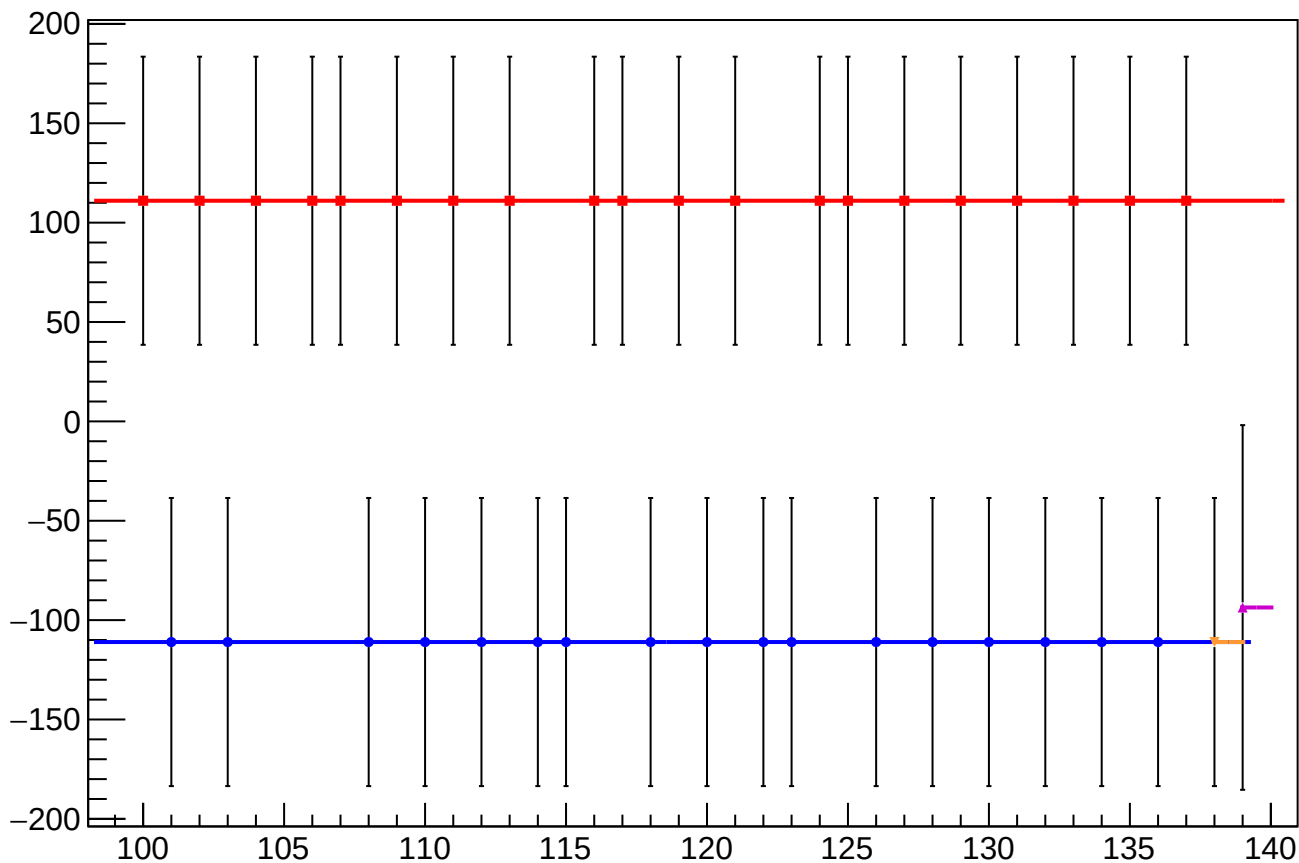
Left In: 1268.563 $\pm$ 1.279 χ^2 /NDF: 0.0/0

1242.923 $\pm$ 0.243 χ^2 /NDF: 0.0/17

1243.354 $\pm$ 0.166 χ^2 /NDF: 395.3/38

1243.729 $\pm$ 0.227 χ^2 /NDF: 389.5/20

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -111.027 $\pm$ 17.581 χ^2/NDF : 0.0/16

Left Out: -111.027 $\pm$ 72.490 χ^2/NDF : 0.0/0

Right Out: 111.027 $\pm$ 16.209 χ^2/NDF : 0.0/19

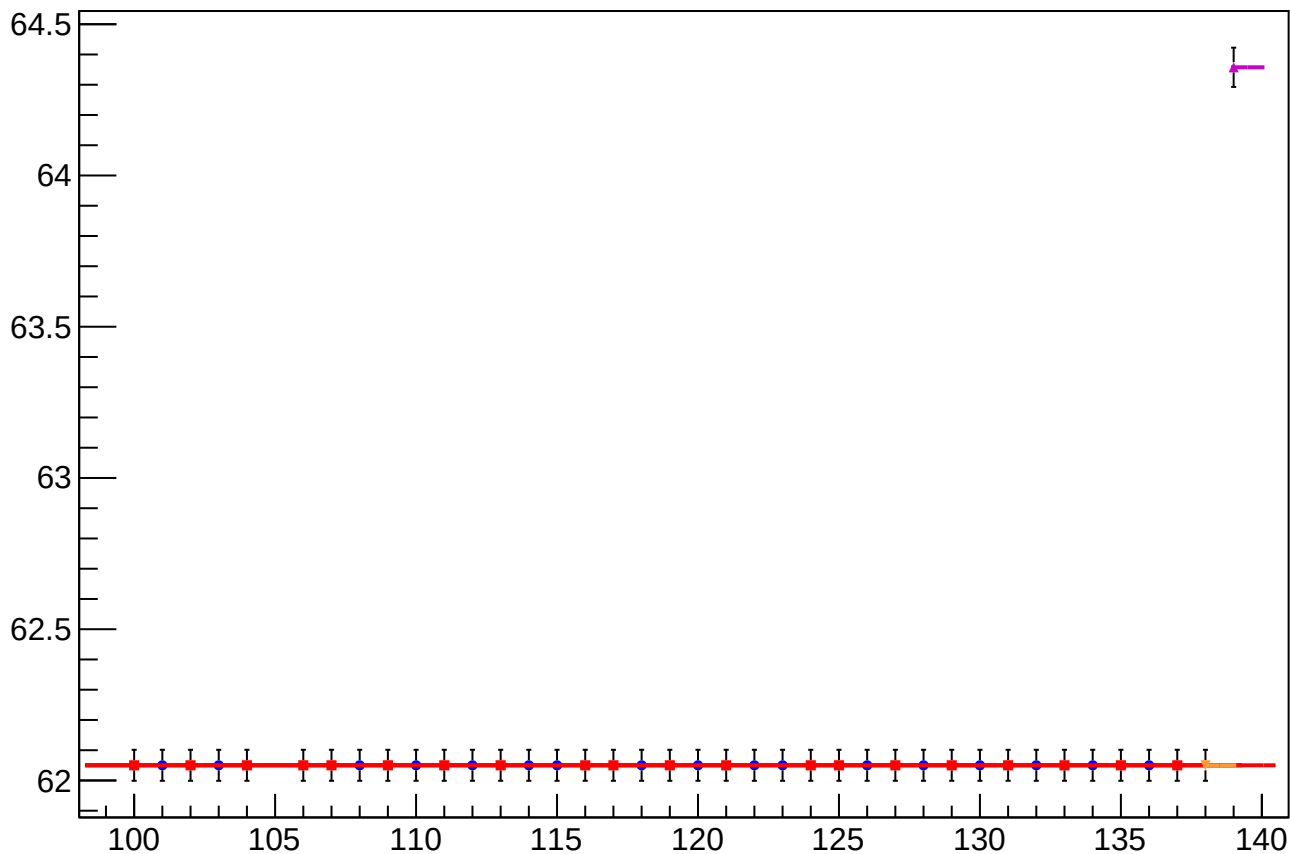
Left In: -93.633 $\pm$ 91.745 χ^2/NDF : 0.0/0

-111.027 $\pm$ 17.086 χ^2/NDF : 0.0/17

4.236 $\pm$ 11.664 χ^2/NDF : 90.1/38

104.832 $\pm$ 15.962 χ^2/NDF : 4.8/20

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.050 $\pm$ 0.012 χ^2 /NDF: 0.0/16

Left Out: 62.050 $\pm$ 0.051 χ^2 /NDF: 0.0/0

Right Out: 62.050 $\pm$ 0.011 χ^2 /NDF: 0.0/19

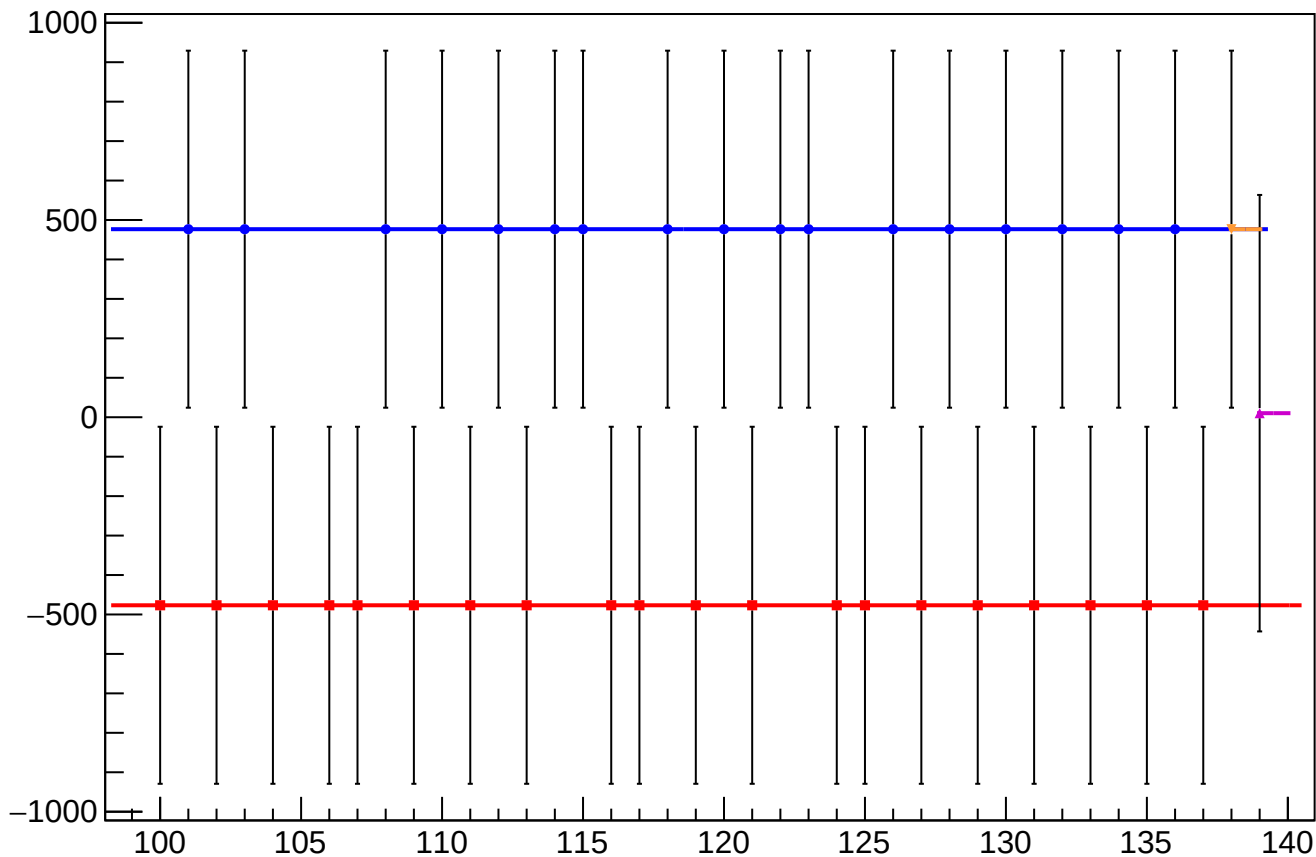
Left In: 64.358 $\pm$ 0.065 χ^2 /NDF: 0.0/0

62.050 $\pm$ 0.012 χ^2 /NDF: 0.0/17

62.087 $\pm$ 0.008 χ^2 /NDF: 1244.7/38

62.120 $\pm$ 0.011 χ^2 /NDF: 1226.9/20

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 476.700 $\pm$ 109.759 χ^2/NDF : 0.0/16

Left Out: 476.700 $\pm$ 452.548 χ^2/NDF : 0.0/0

Right Out: -476.700 $\pm$ 101.193 χ^2/NDF : 0.0/19

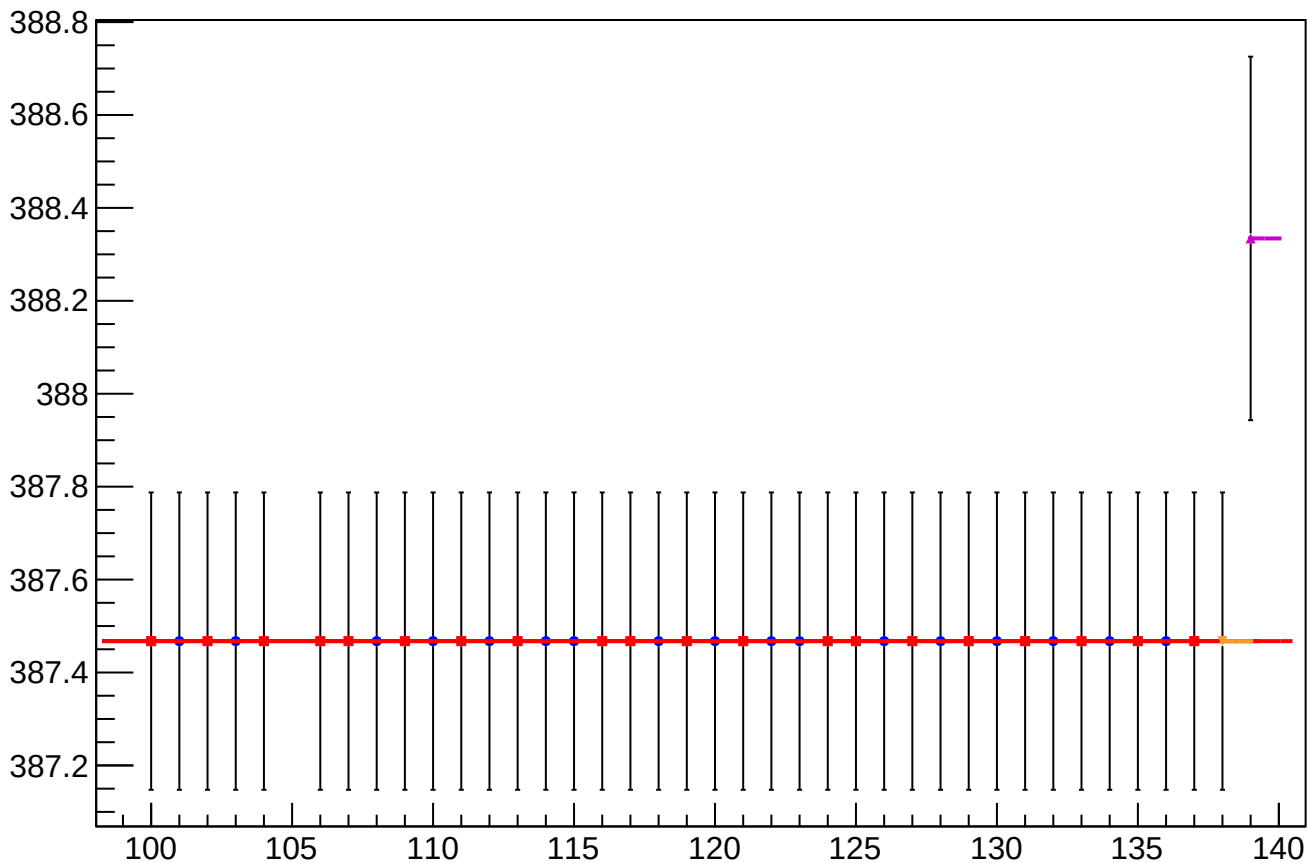
Left In: 10.284 $\pm$ 553.248 χ^2/NDF : 0.0/0

476.700 $\pm$ 106.667 χ^2/NDF : 0.0/17

-24.477 $\pm$ 72.775 χ^2/NDF : 42.1/38

-460.935 $\pm$ 99.542 χ^2/NDF : 0.7/20

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 387.468 $\pm$ 0.078 χ^2 /NDF: 0.0/16

Left Out: 387.468 $\pm$ 0.320 χ^2 /NDF: 0.0/0

Right Out: 387.468 $\pm$ 0.072 χ^2 /NDF: 0.0/19

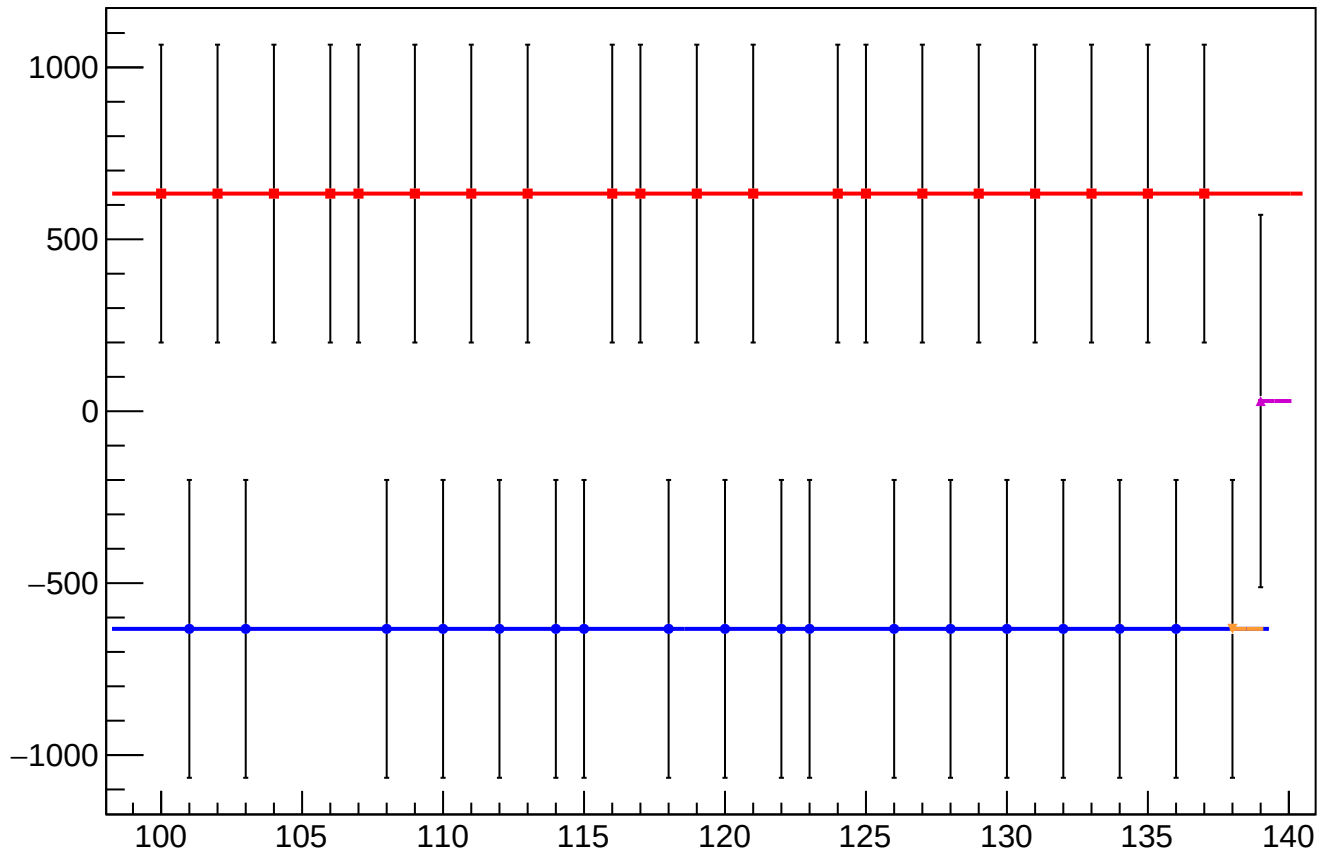
Left In: 388.334 $\pm$ 0.391 χ^2 /NDF: 0.0/0

387.468 $\pm$ 0.075 χ^2 /NDF: 0.0/17

387.483 $\pm$ 0.051 χ^2 /NDF: 4.8/38

387.496 $\pm$ 0.070 χ^2 /NDF: 4.7/20

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -632.956+/-105.052 χ^2/NDF : 0.0/16

Left Out: -632.956+/-433.142 χ^2/NDF : 0.0/0

Right Out: 632.956+/-96.854 χ^2/NDF : 0.0/19

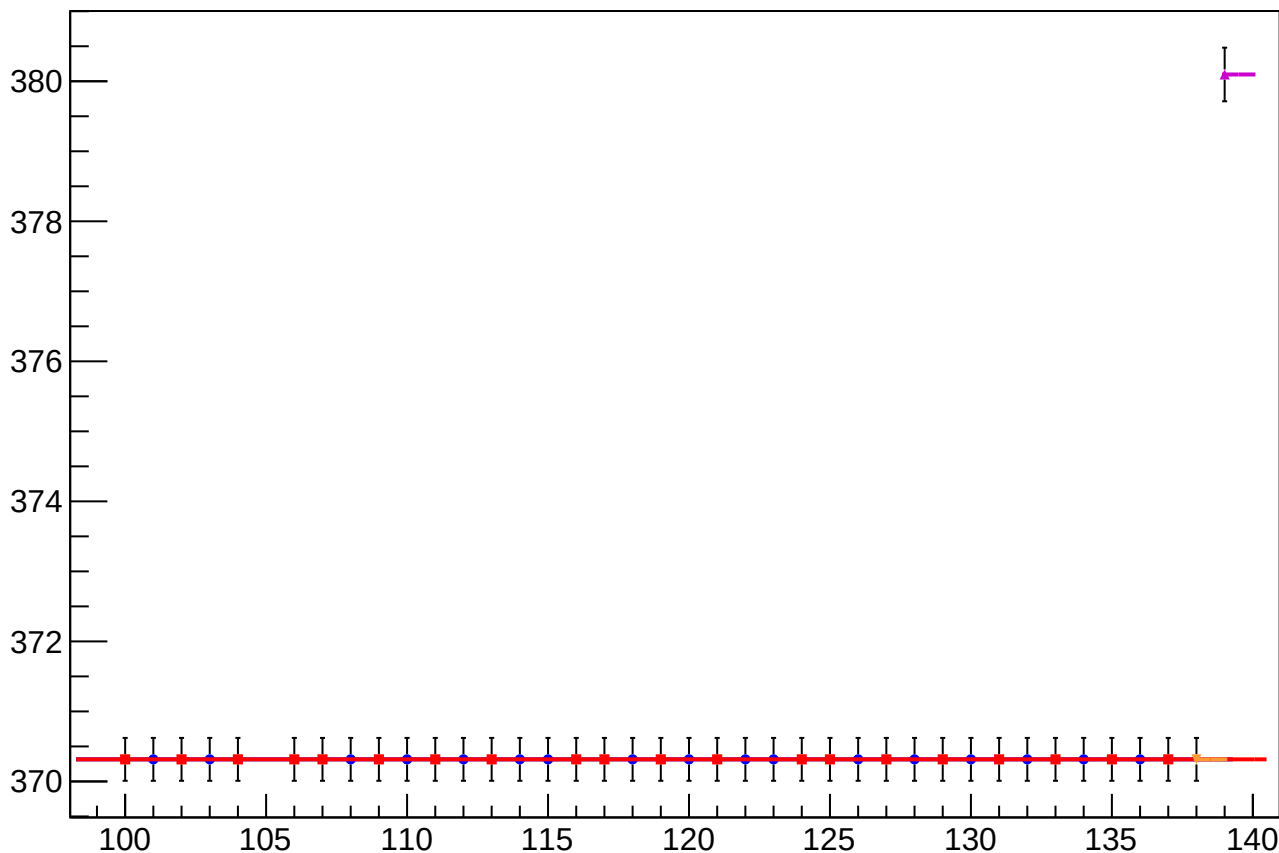
Left In: 29.720+/-541.565 χ^2/NDF : 0.0/0

-632.956+/-102.093 χ^2/NDF : 0.0/17

33.254+/-69.681 χ^2/NDF : 80.9/38

614.260+/-95.341 χ^2/NDF : 1.2/20

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 370.315 $\pm$ 0.074 χ^2 /NDF: 0.0/16

Left Out: 370.315 $\pm$ 0.306 χ^2 /NDF: 0.0/0

Right Out: 370.315 $\pm$ 0.068 χ^2 /NDF: 0.0/19

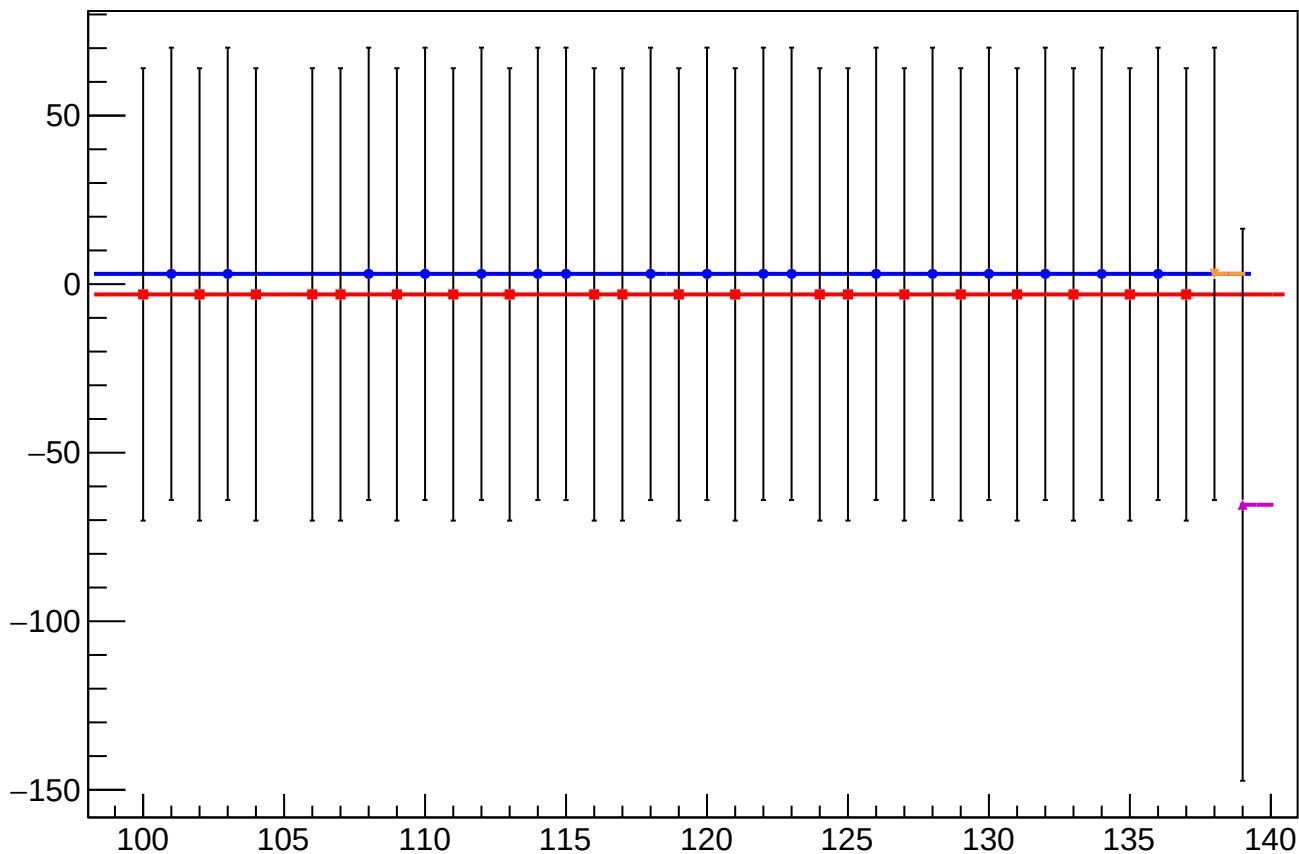
Left In: 380.097 $\pm$ 0.383 χ^2 /NDF: 0.0/0

370.315 $\pm$ 0.072 χ^2 /NDF: 0.0/17

370.477 $\pm$ 0.049 χ^2 /NDF: 641.6/38

370.619 $\pm$ 0.067 χ^2 /NDF: 632.2/20

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 3.051 ± 16.273 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 3.051 ± 67.096 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.051 ± 15.003 $\chi^2/\text{NDF}: 0.0/19$

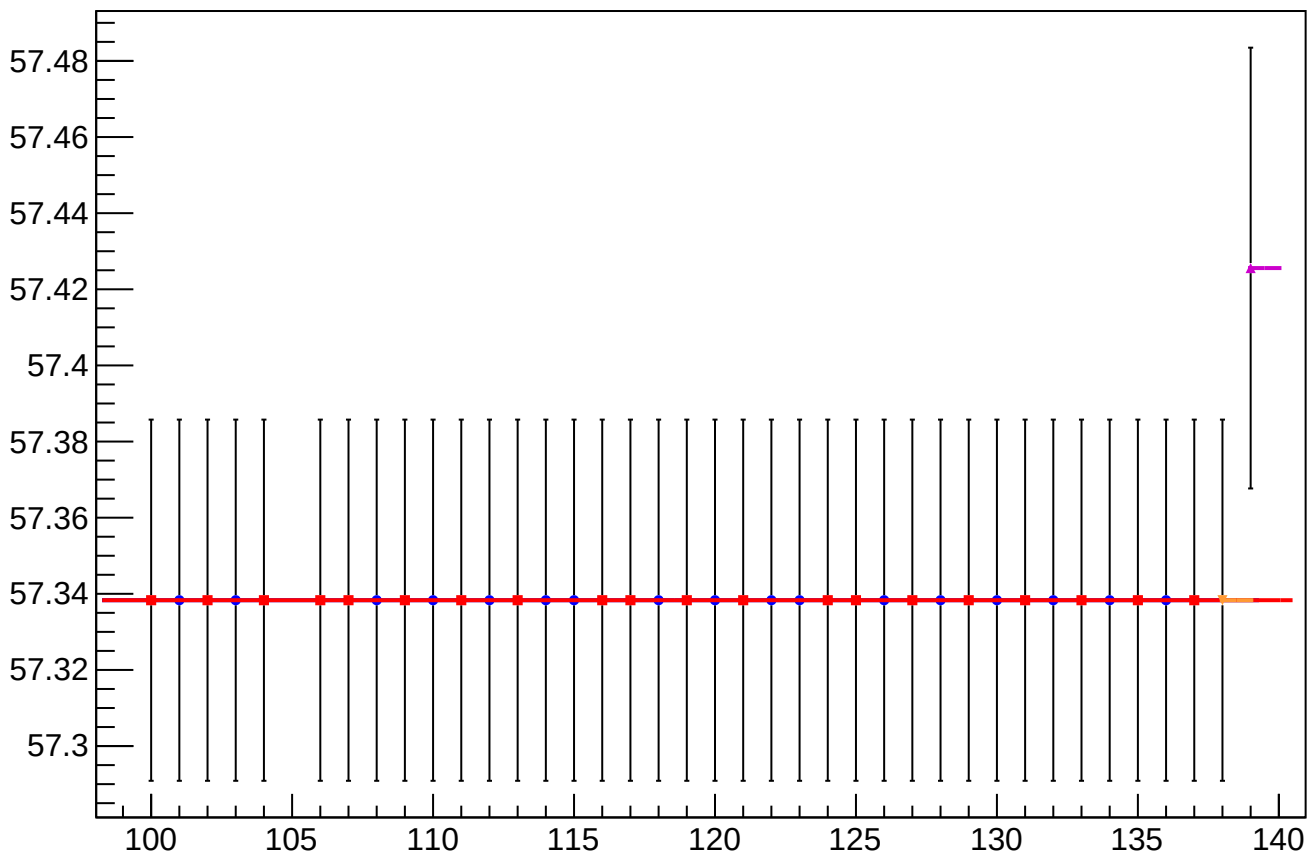
Left In: -65.441 ± 81.885 $\chi^2/\text{NDF}: 0.0/0$

3.051 ± 15.815 $\chi^2/\text{NDF}: 0.0/17$

-1.294 ± 10.790 $\chi^2/\text{NDF}: 0.7/38$

-5.077 ± 14.757 $\chi^2/\text{NDF}: 0.6/20$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.338 $\pm$ 0.012 χ^2 /NDF: 0.0/16

Left Out: 57.338 $\pm$ 0.047 χ^2 /NDF: 0.0/0

Right Out: 57.338 $\pm$ 0.011 χ^2 /NDF: 0.0/19

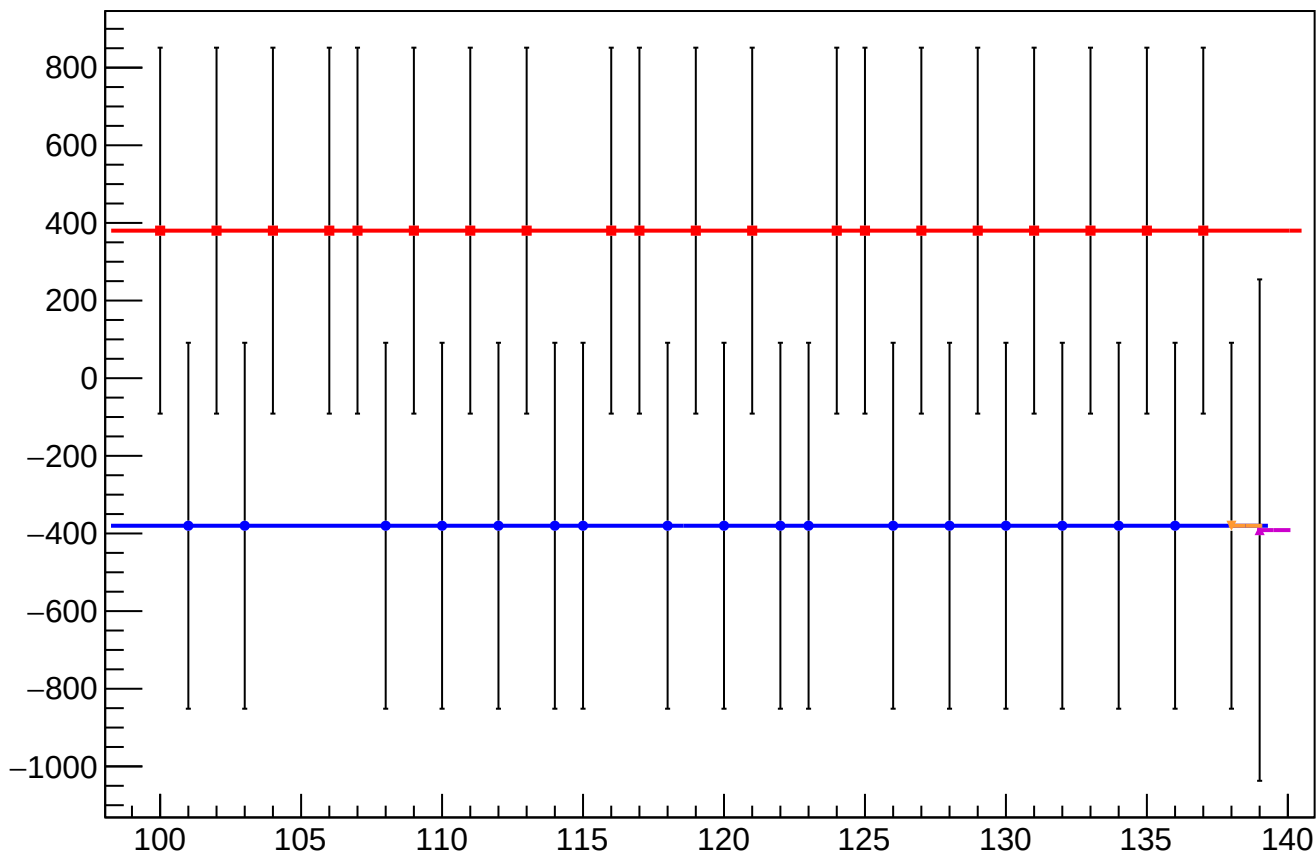
Left In: 57.426 $\pm$ 0.058 χ^2 /NDF: 0.0/0

57.338 $\pm$ 0.011 χ^2 /NDF: 0.0/17

57.340 $\pm$ 0.008 χ^2 /NDF: 2.2/38

57.341 $\pm$ 0.010 χ^2 /NDF: 2.2/20

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -380.097 $\pm$ 114.319 χ^2 /NDF: 0.0/16

Left Out: -380.097 $\pm$ 471.350 χ^2 /NDF: 0.0/0

Right Out: 380.097 $\pm$ 105.397 χ^2 /NDF: 0.0/19

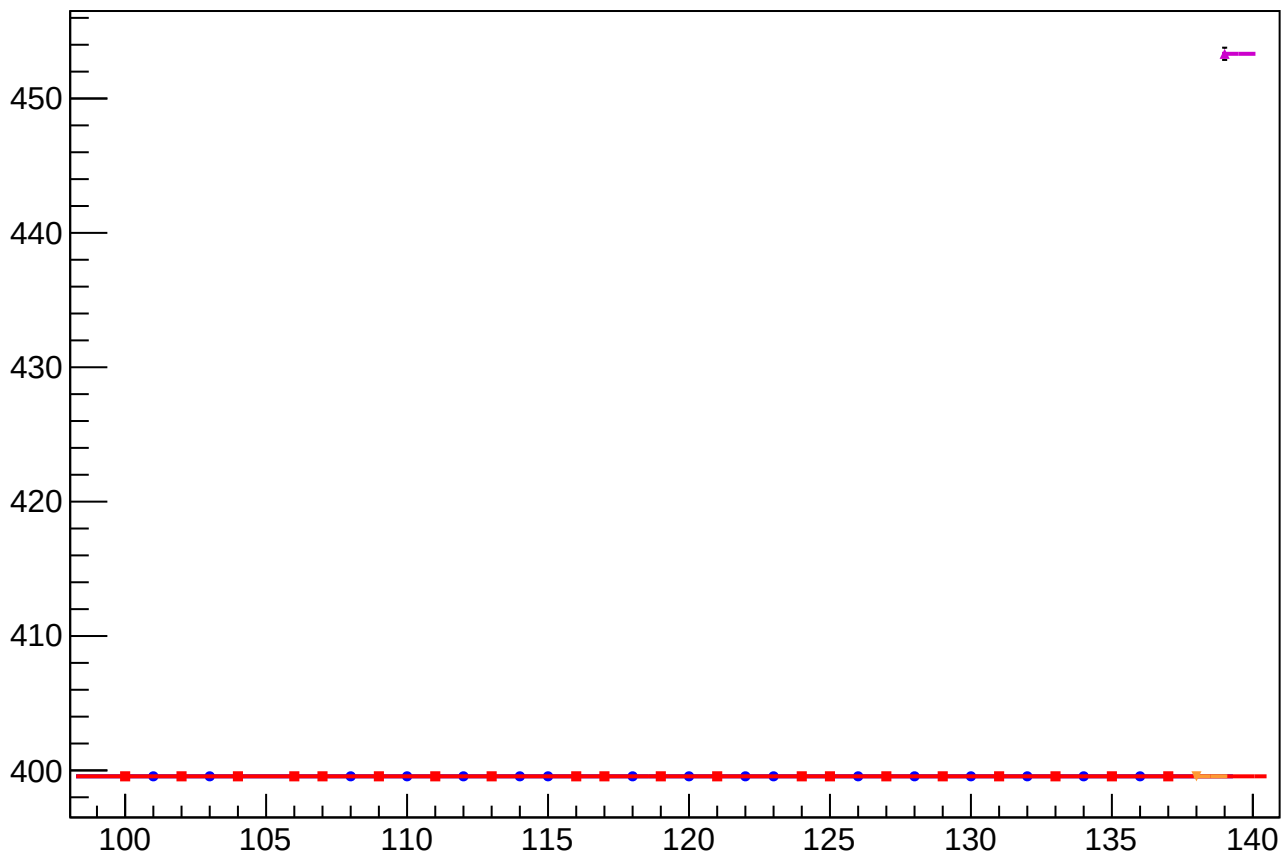
Left In: -391.304 $\pm$ 645.818 χ^2 /NDF: 0.0/0

-380.097 $\pm$ 111.098 χ^2 /NDF: 0.0/17

14.319 $\pm$ 75.933 χ^2 /NDF: 25.0/38

360.084 $\pm$ 104.021 χ^2 /NDF: 1.4/20

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 399.559 $\pm$ 0.081 χ^2 /NDF: 0.0/16

Left Out: 399.559 $\pm$ 0.333 χ^2 /NDF: 0.0/0

Right Out: 399.559 $\pm$ 0.075 χ^2 /NDF: 0.0/19

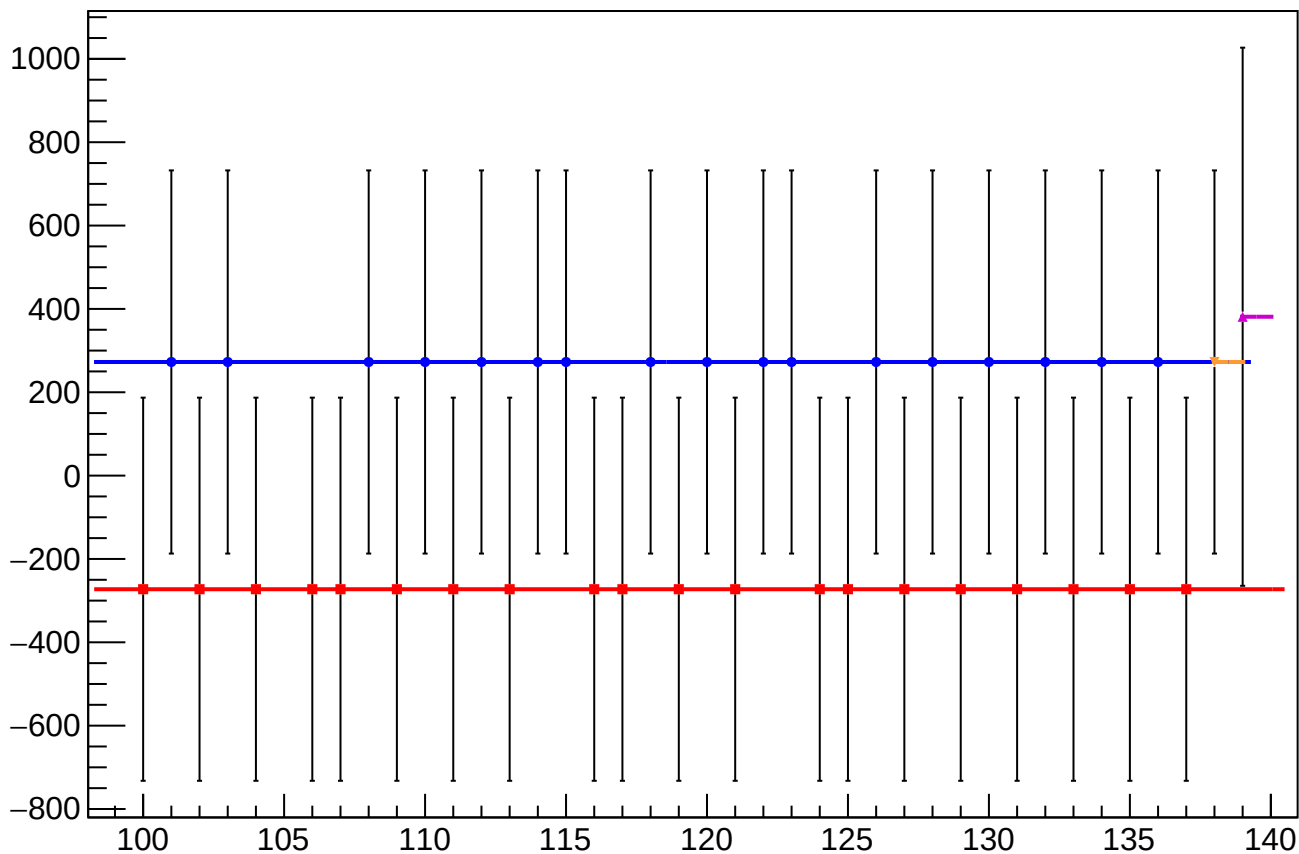
Left In: 453.326 $\pm$ 0.457 χ^2 /NDF: 0.0/0

399.559 $\pm$ 0.079 χ^2 /NDF: 0.0/17

400.302 $\pm$ 0.054 χ^2 /NDF: 13670.8/38

400.954 $\pm$ 0.074 χ^2 /NDF: 13502.8/20

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 272.633 $\pm$ 111.494 χ^2 /NDF: 0.0/16

Left Out: 272.633 $\pm$ 459.701 χ^2 /NDF: 0.0/0

Right Out: -272.633 $\pm$ 102.792 χ^2 /NDF: 0.0/19

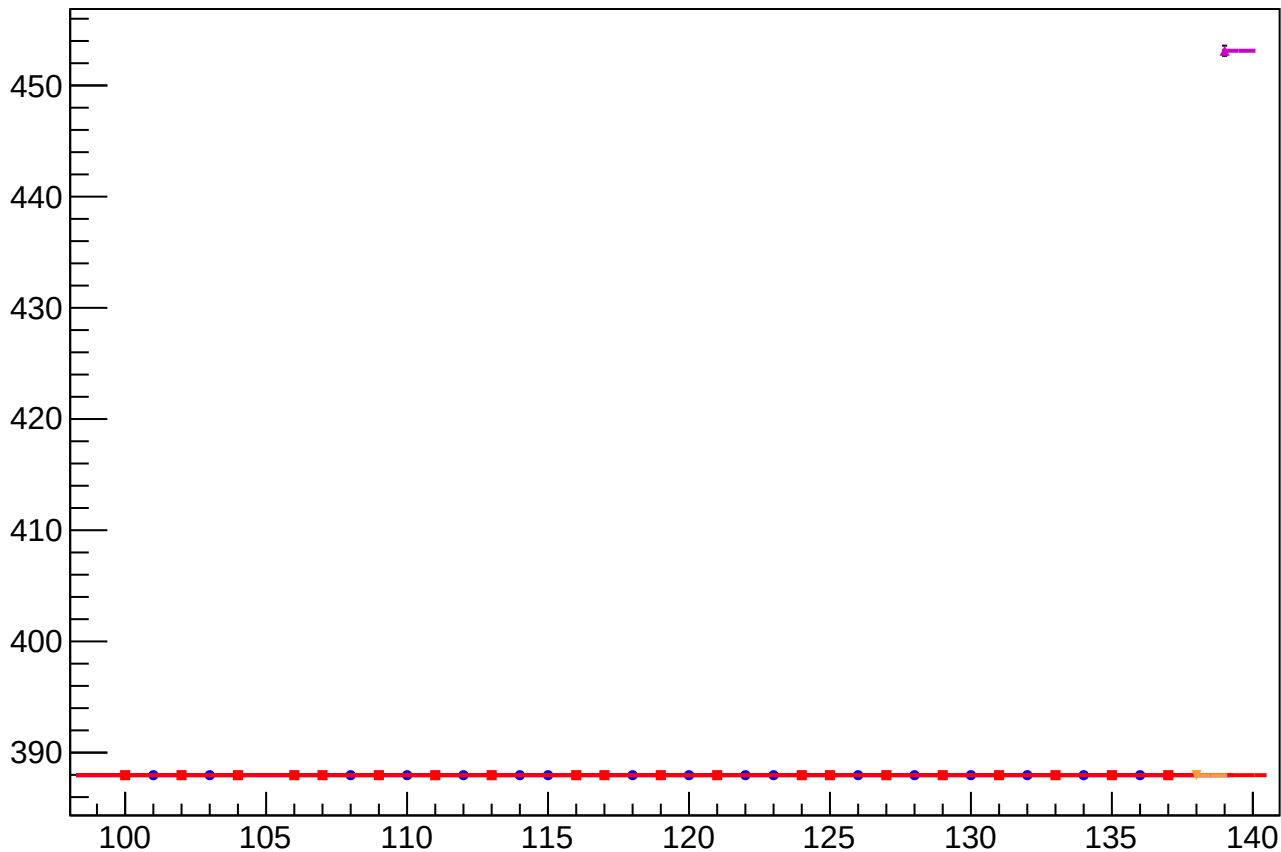
Left In: 381.203 $\pm$ 645.666 χ^2 /NDF: 0.0/0

272.633 $\pm$ 108.353 χ^2 /NDF: 0.0/17

-9.142 $\pm$ 74.081 χ^2 /NDF: 13.7/38

-256.470 $\pm$ 101.514 χ^2 /NDF: 1.0/20

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 387.970 $\pm$ 0.079 χ^2 /NDF: 0.0/16

Left Out: 387.970 $\pm$ 0.325 χ^2 /NDF: 0.0/0

Right Out: 387.970 $\pm$ 0.073 χ^2 /NDF: 0.0/19

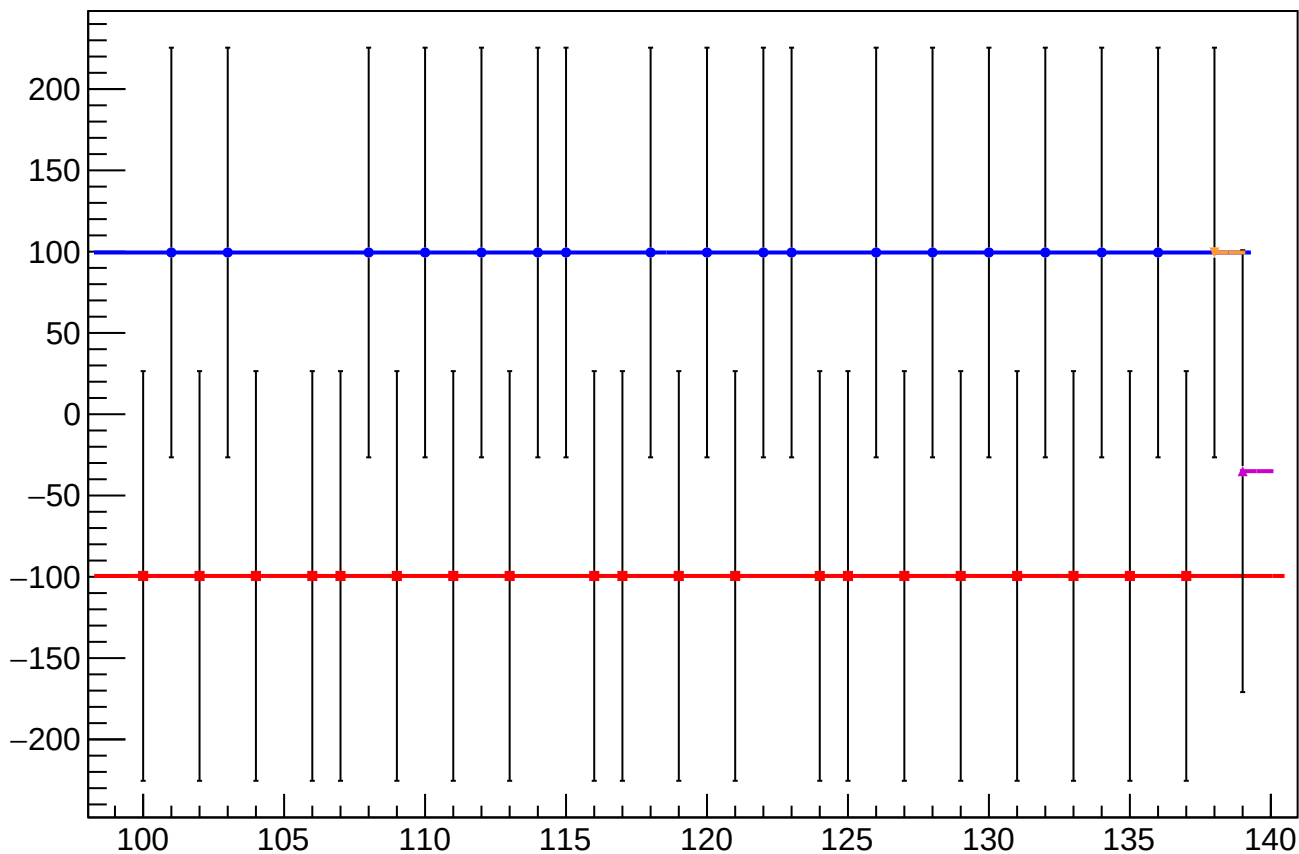
Left In: 453.121 $\pm$ 0.457 χ^2 /NDF: 0.0/0

387.970 $\pm$ 0.077 χ^2 /NDF: 0.0/17

388.828 $\pm$ 0.052 χ^2 /NDF: 20095.6/38

389.581 $\pm$ 0.072 χ^2 /NDF: 19860.3/20

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 99.476+/-30.557 χ^2/NDF : 0.0/16

Left Out: 99.476+/-125.989 χ^2/NDF : 0.0/0

Right Out: -99.476+/-28.172 χ^2/NDF : 0.0/19

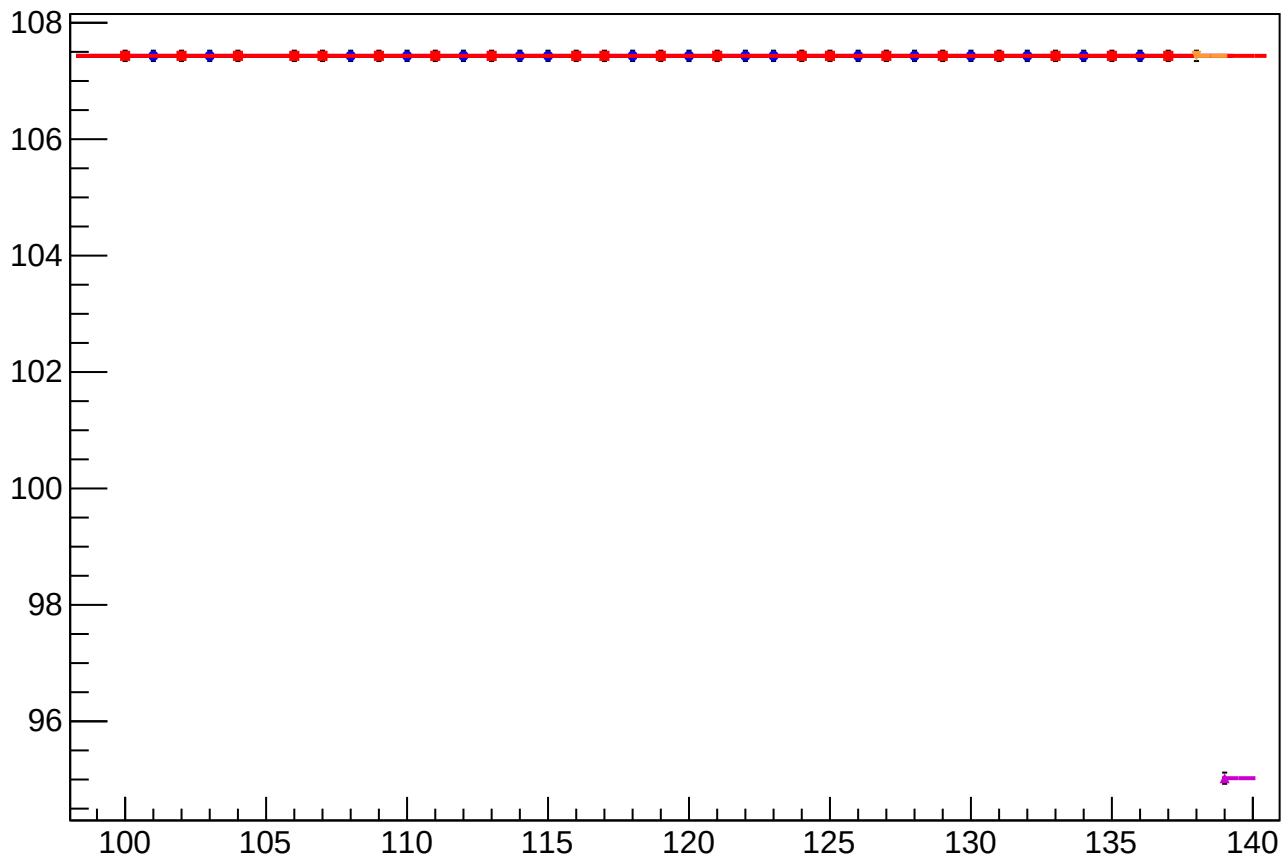
Left In: -35.017+/-135.892 χ^2/NDF : 0.0/0

99.476+/-29.696 χ^2/NDF : 0.0/17

-5.894+/-20.211 χ^2/NDF : 23.7/38

-96.820+/-27.585 χ^2/NDF : 0.2/20

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 107.432 $\pm$ 0.022 χ^2 /NDF: 0.0/16

Left Out: 107.432 $\pm$ 0.089 χ^2 /NDF:0.0/0

Right Out: 107.432 $\pm$ 0.020 χ^2 /NDF: 0.0/19

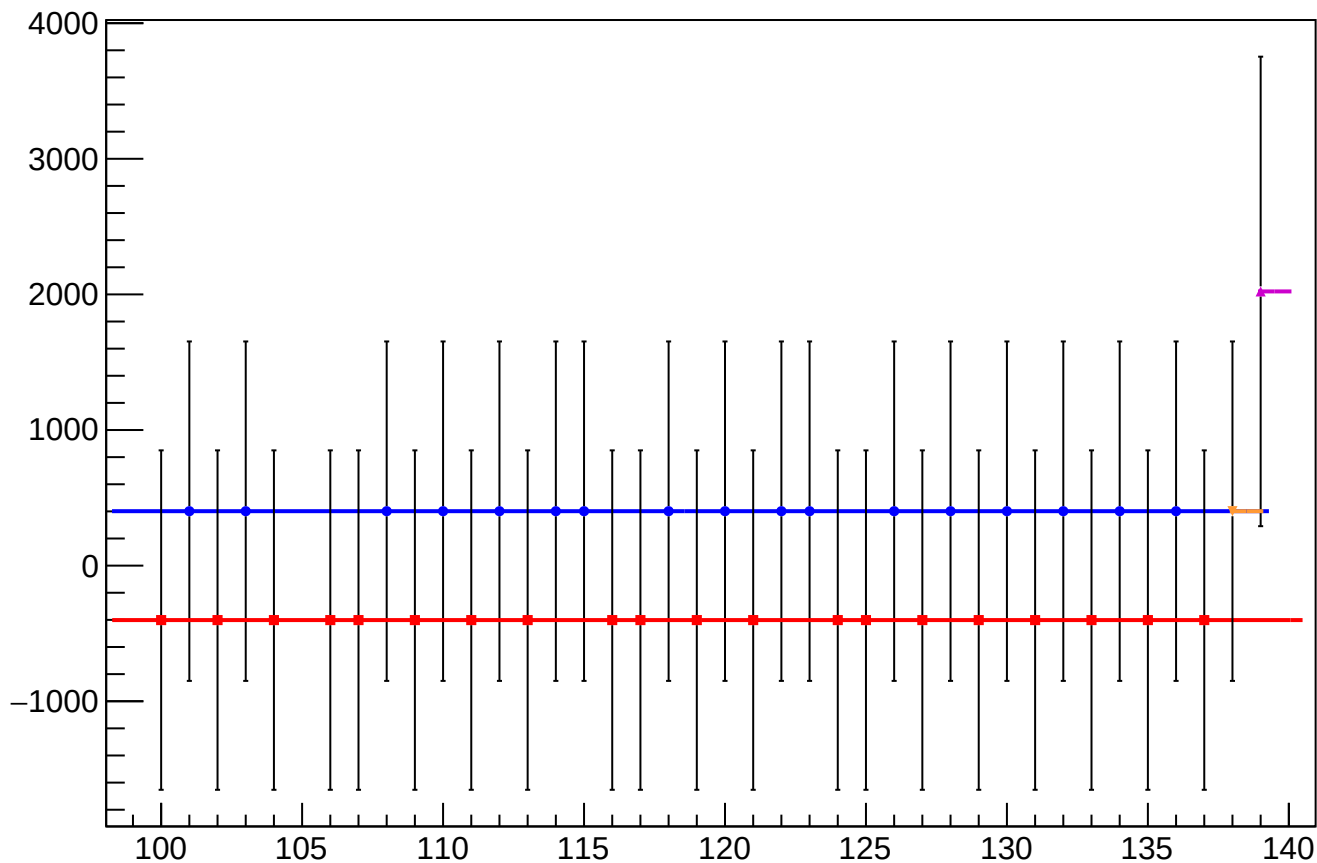
Left In: 95.023 $\pm$ 0.096 χ^2 /NDF:0.0/0

107.432 $\pm$ 0.021 χ^2 /NDF: 0.0/17

107.157 $\pm$ 0.014 χ^2 /NDF: 16308.3/38

106.920 $\pm$ 0.020 χ^2 /NDF: 15990.0/20

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 401.519+/-303.529 χ^2/NDF : 0.0/16

Left Out: 401.519+/-1251.480 χ^2/NDF : 0.0/0

Right Out: -401.519+/-279.840 χ^2/NDF : 0.0/19

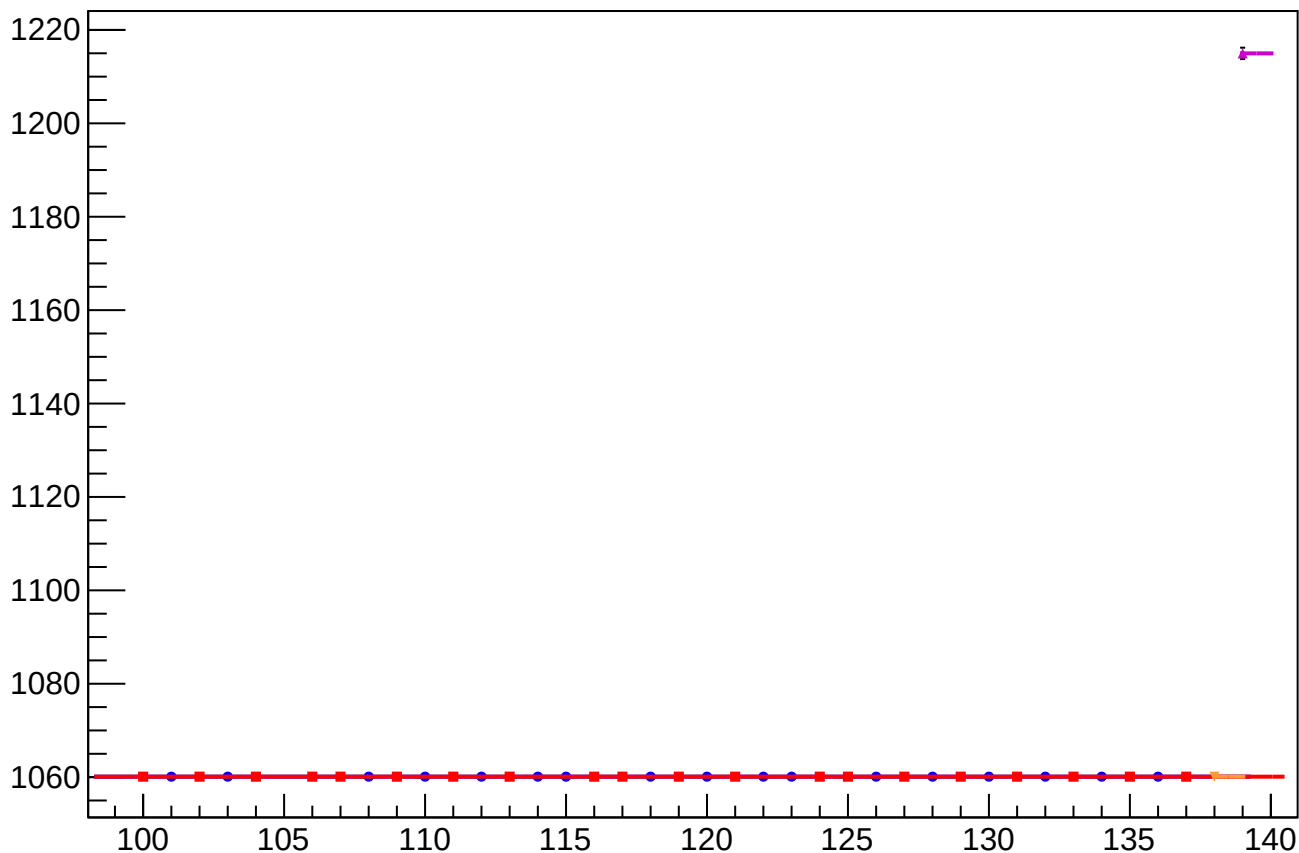
Left In: 2021.952+/-1731.051 χ^2/NDF : 0.0/0

401.519+/-294.977 χ^2/NDF : 0.0/17

6.588+/-201.635 χ^2/NDF : 5.3/38

-339.798+/-276.253 χ^2/NDF : 1.9/20

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1060.103 $\pm$ 0.215 χ^2/NDF : 0.0/16

Left Out: 1060.103 $\pm$ 0.885 χ^2/NDF : 0.0/0

Right Out: 1060.103 $\pm$ 0.198 χ^2/NDF : 0.0/19

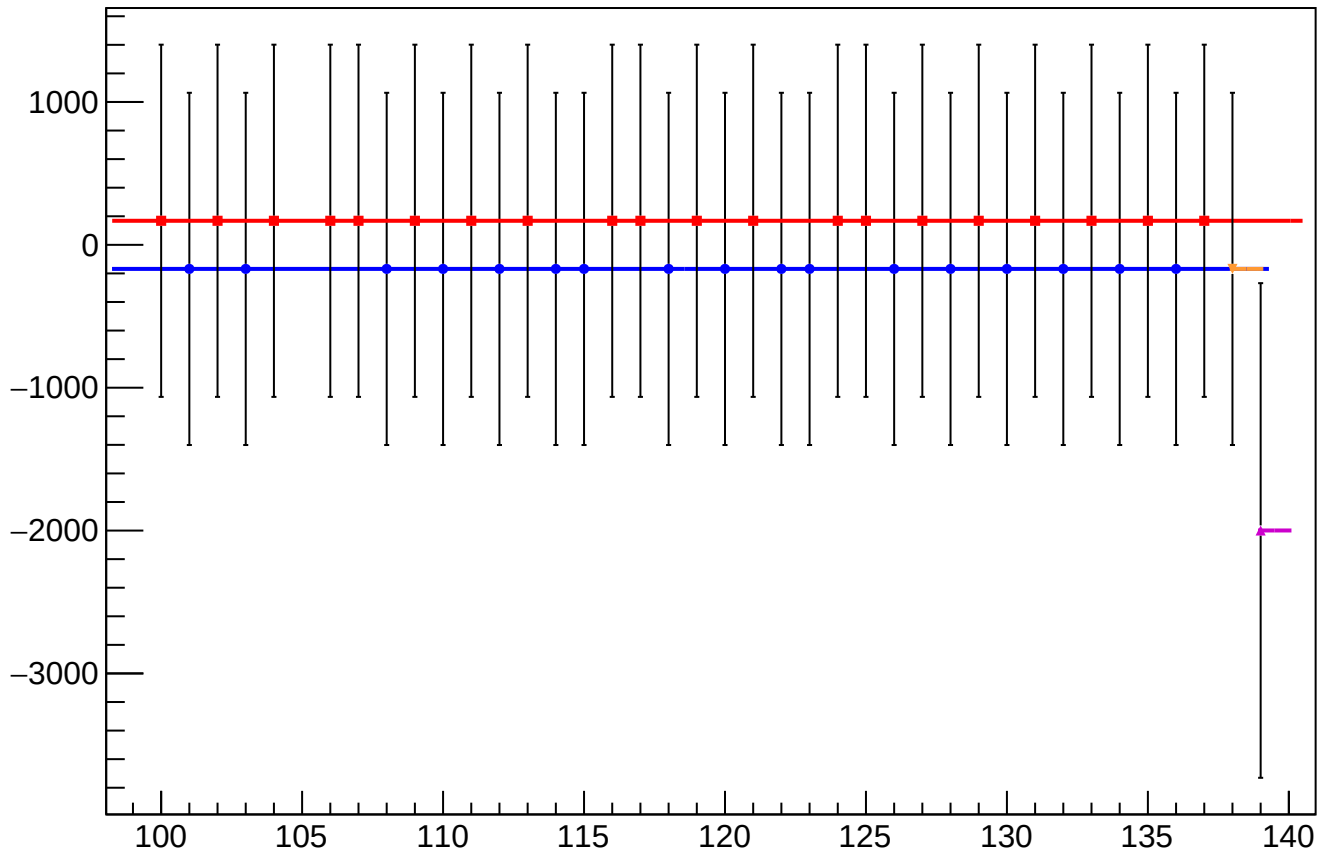
Left In: 1214.979 $\pm$ 1.224 χ^2/NDF : 0.0/0

1060.103 $\pm$ 0.209 χ^2/NDF : 0.0/17

1062.205 $\pm$ 0.143 χ^2/NDF : 15792.2/38

1064.048 $\pm$ 0.195 χ^2/NDF : 15601.7/20

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: -168.416 $\pm$ 298.974 χ^2 /NDF: 0.0/16

Left Out: -168.416 $\pm$ 1232.699 χ^2 /NDF: 0.0/0

Right Out: 168.416 $\pm$ 275.640 χ^2 /NDF: 0.0/19

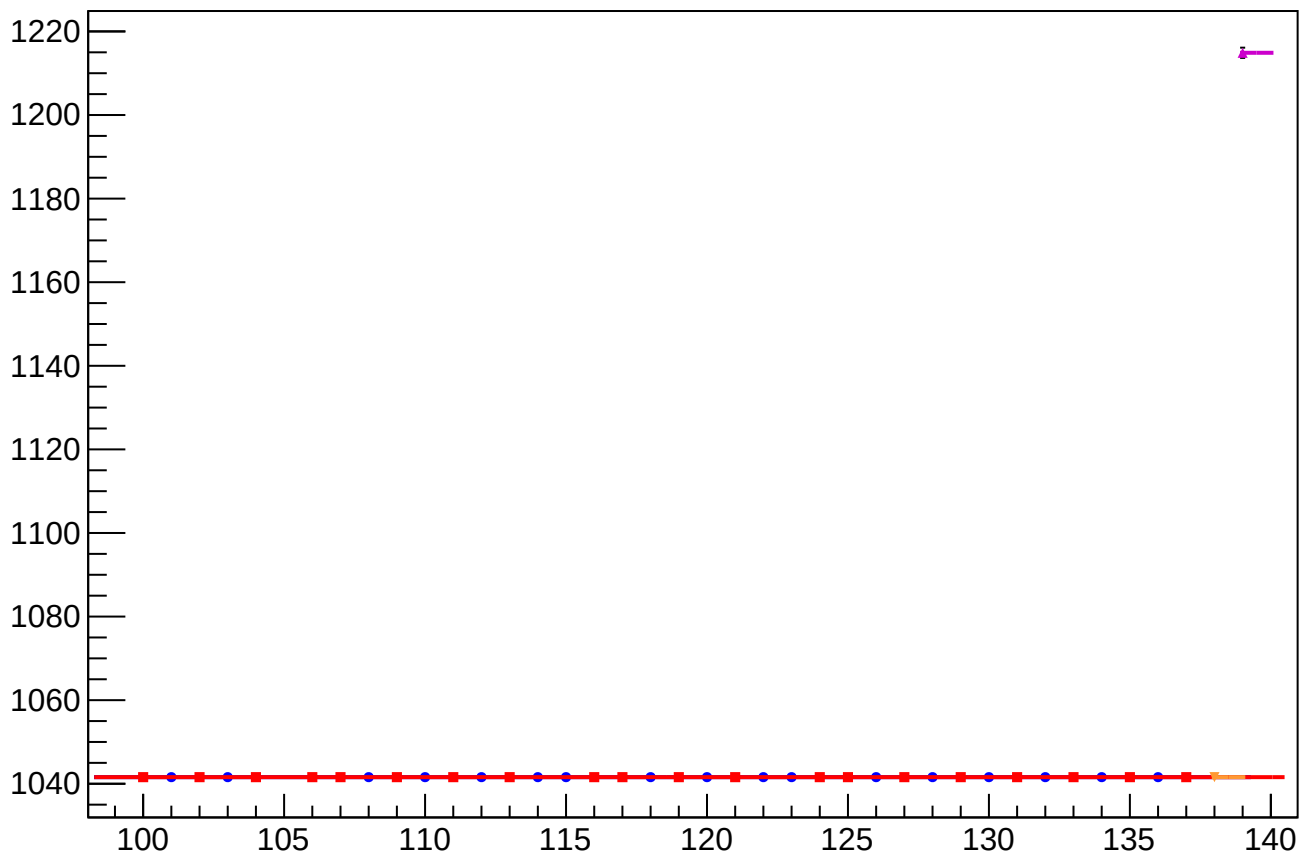
Left In: -1999.319 $\pm$ 1731.145 χ^2 /NDF: 0.0/0

-168.416 $\pm$ 290.550 χ^2 /NDF: 0.0/17

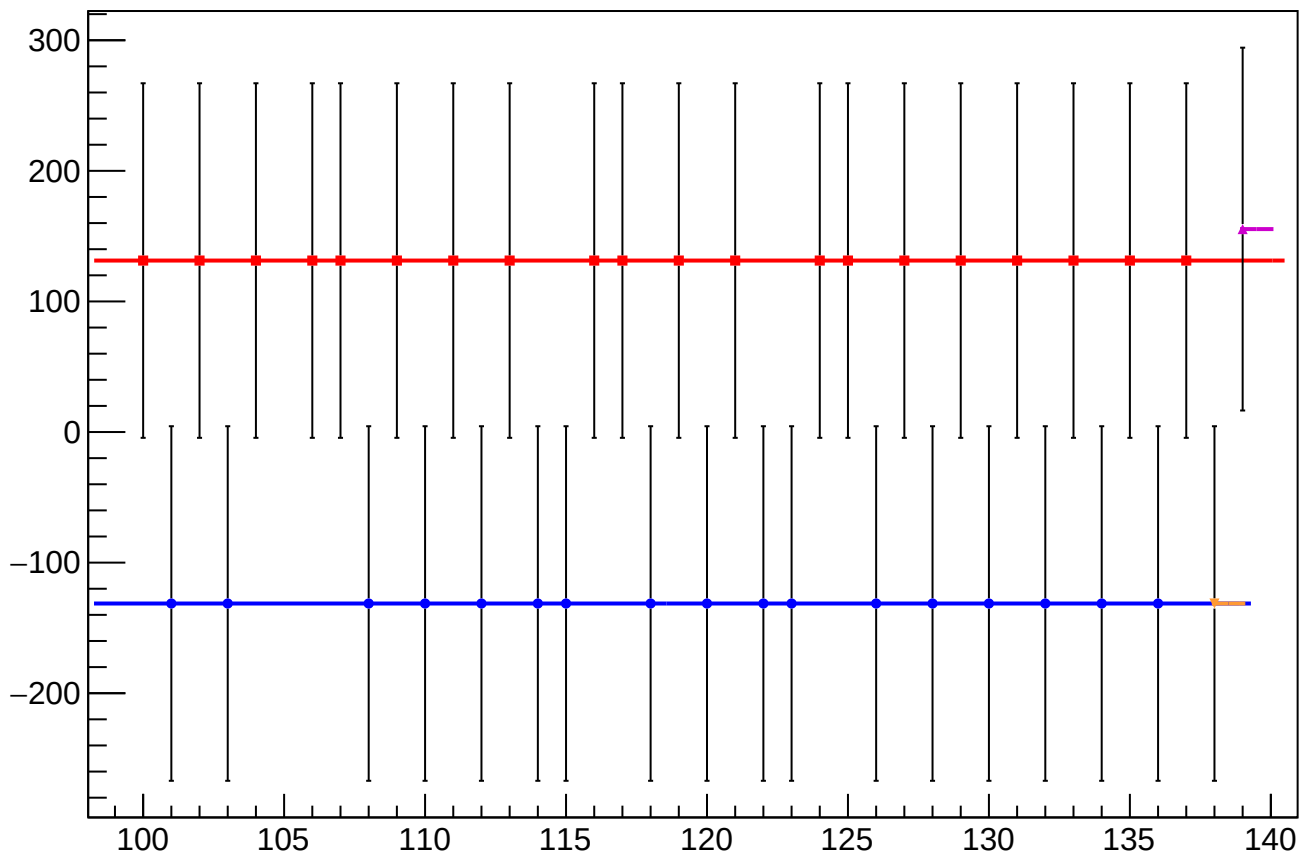
-17.579 $\pm$ 198.649 χ^2 /NDF: 2.0/38

114.818 $\pm$ 272.211 χ^2 /NDF: 1.5/20

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: -131.308 ± 32.926 χ^2/NDF : 0.0/16

Left Out: -131.308 ± 135.756 χ^2/NDF : 0.0/0

Right Out: 131.308 ± 30.356 χ^2/NDF : 0.0/19

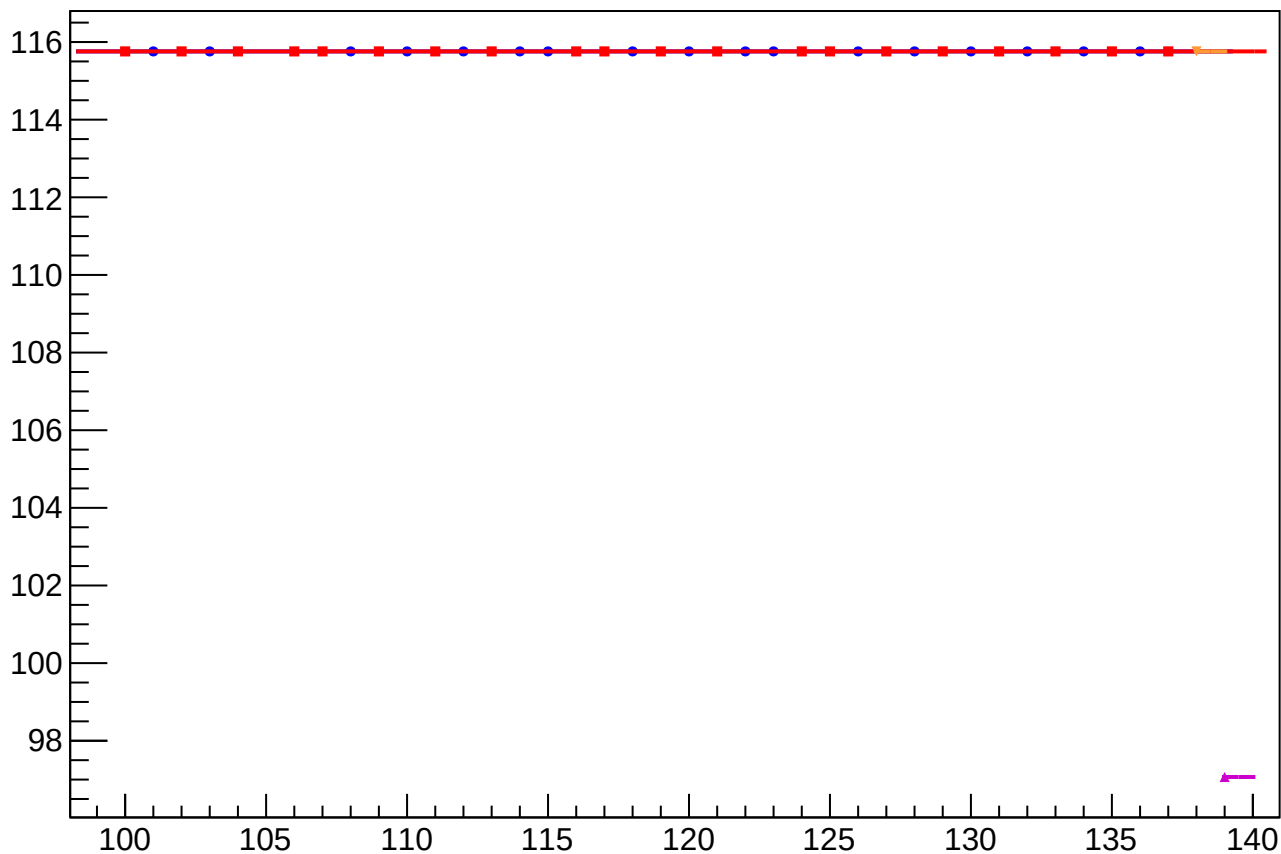
Left In: 155.403 ± 138.917 χ^2/NDF : 0.0/0

-131.308 ± 31.998 χ^2/NDF : 0.0/17

10.551 ± 21.751 χ^2/NDF : 36.6/38

132.406 ± 29.656 χ^2/NDF : 0.0/20

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.759 $\pm$ 0.023 χ^2 /NDF: 0.0/16

Left Out: 115.759 $\pm$ 0.096 χ^2 /NDF: 0.0/0

Right Out: 115.759 $\pm$ 0.021 χ^2 /NDF: 0.0/19

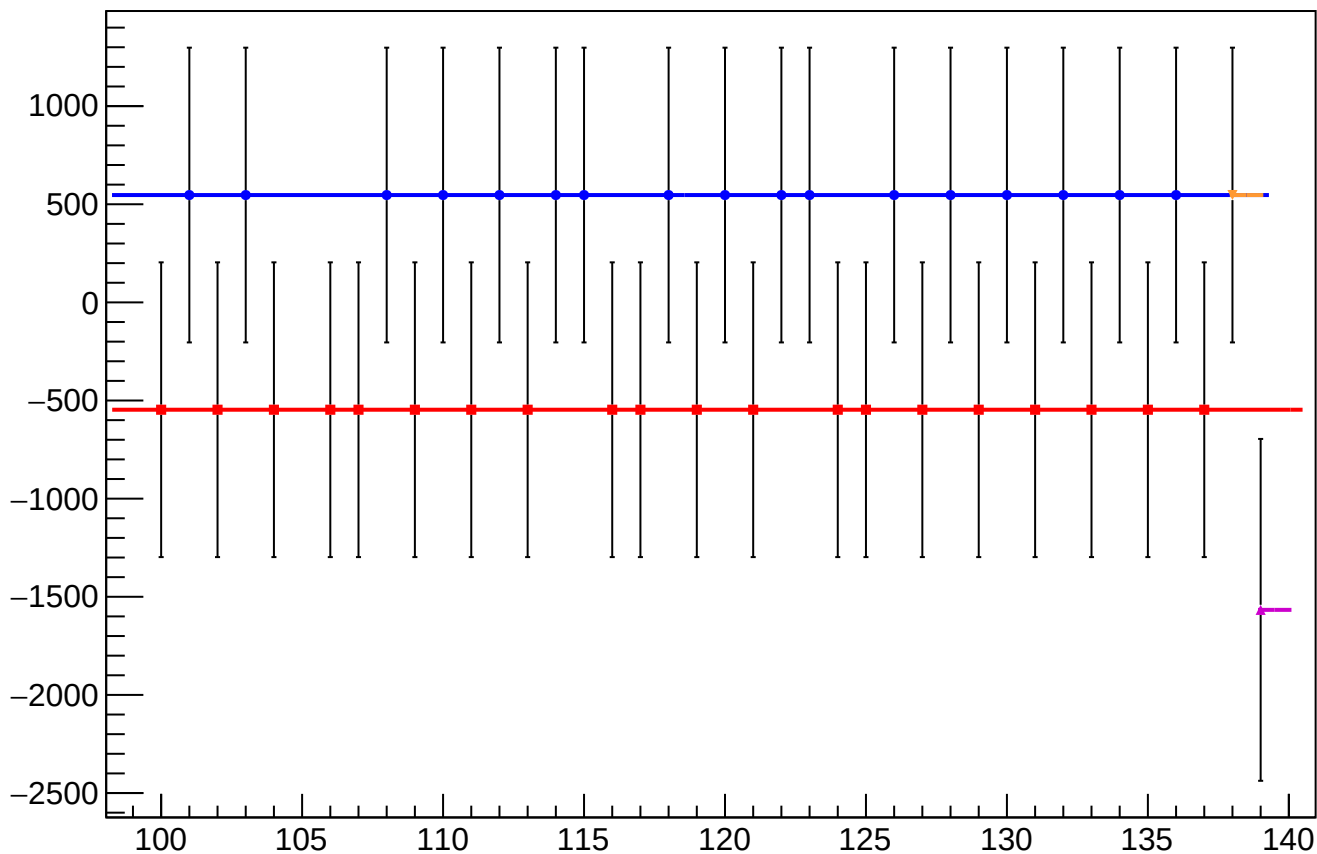
Left In: 97.067 $\pm$ 0.098 χ^2 /NDF: 0.0/0

115.759 $\pm$ 0.023 χ^2 /NDF: 0.0/17

115.300 $\pm$ 0.015 χ^2 /NDF: 35322.0/38

114.907 $\pm$ 0.021 χ^2 /NDF: 34559.5/20

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 546.906 $\pm$ 182.124 χ^2 /NDF: 0.0/16

Left Out: 546.906 $\pm$ 750.918 χ^2 /NDF:0.0/0

Right Out: -546.906 $\pm$ 167.910 χ^2 /NDF: 0.0/19

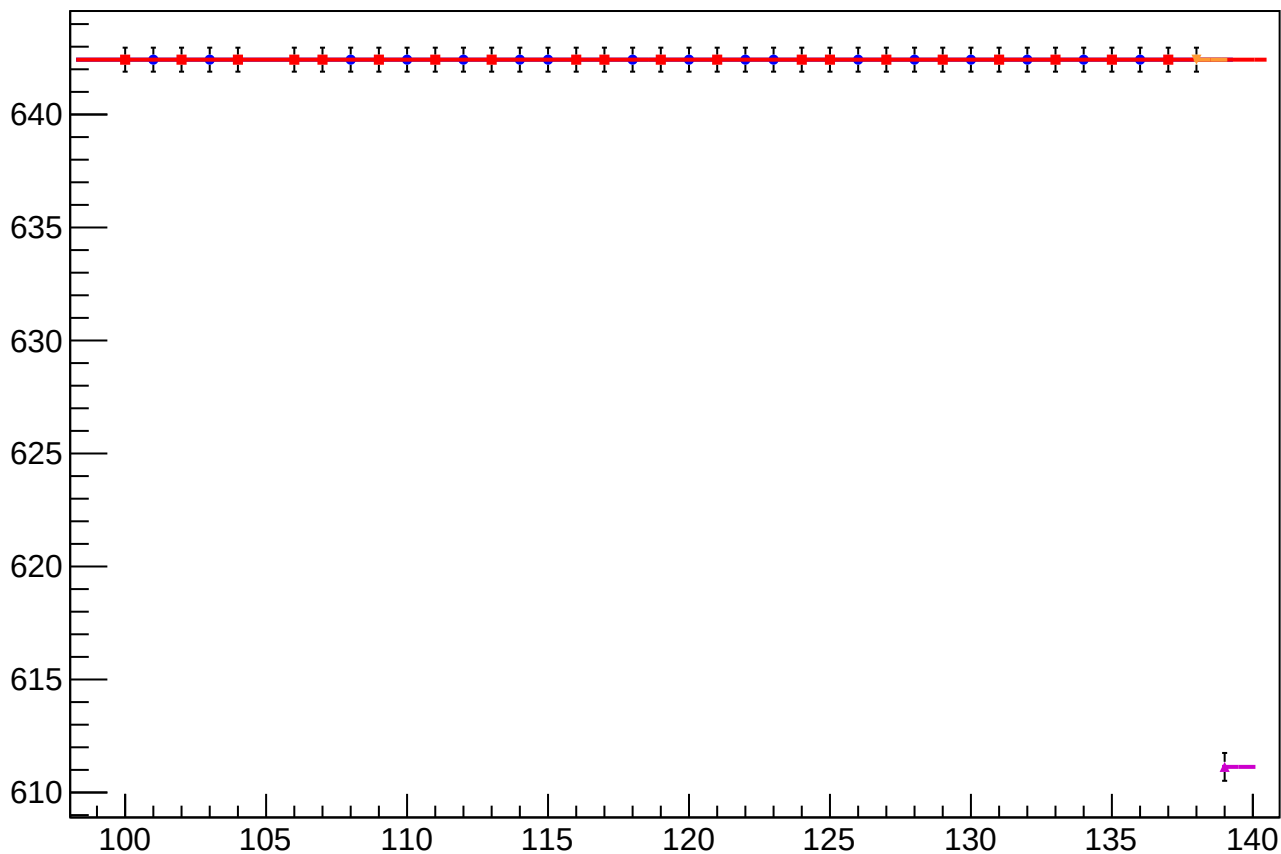
Left In: -1566.674 $\pm$ 870.945 χ^2 /NDF:0.0/0

546.906 $\pm$ 176.993 χ^2 /NDF: 0.0/17

-58.292 $\pm$ 120.641 χ^2 /NDF: 23.2/38

-583.451 $\pm$ 164.874 χ^2 /NDF: 1.3/20

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 642.426 $\pm$ 0.129 χ^2 /NDF: 0.0/16

Left Out: 642.426 $\pm$ 0.531 χ^2 /NDF: 0.0/0

Right Out: 642.426 $\pm$ 0.119 χ^2 /NDF: 0.0/19

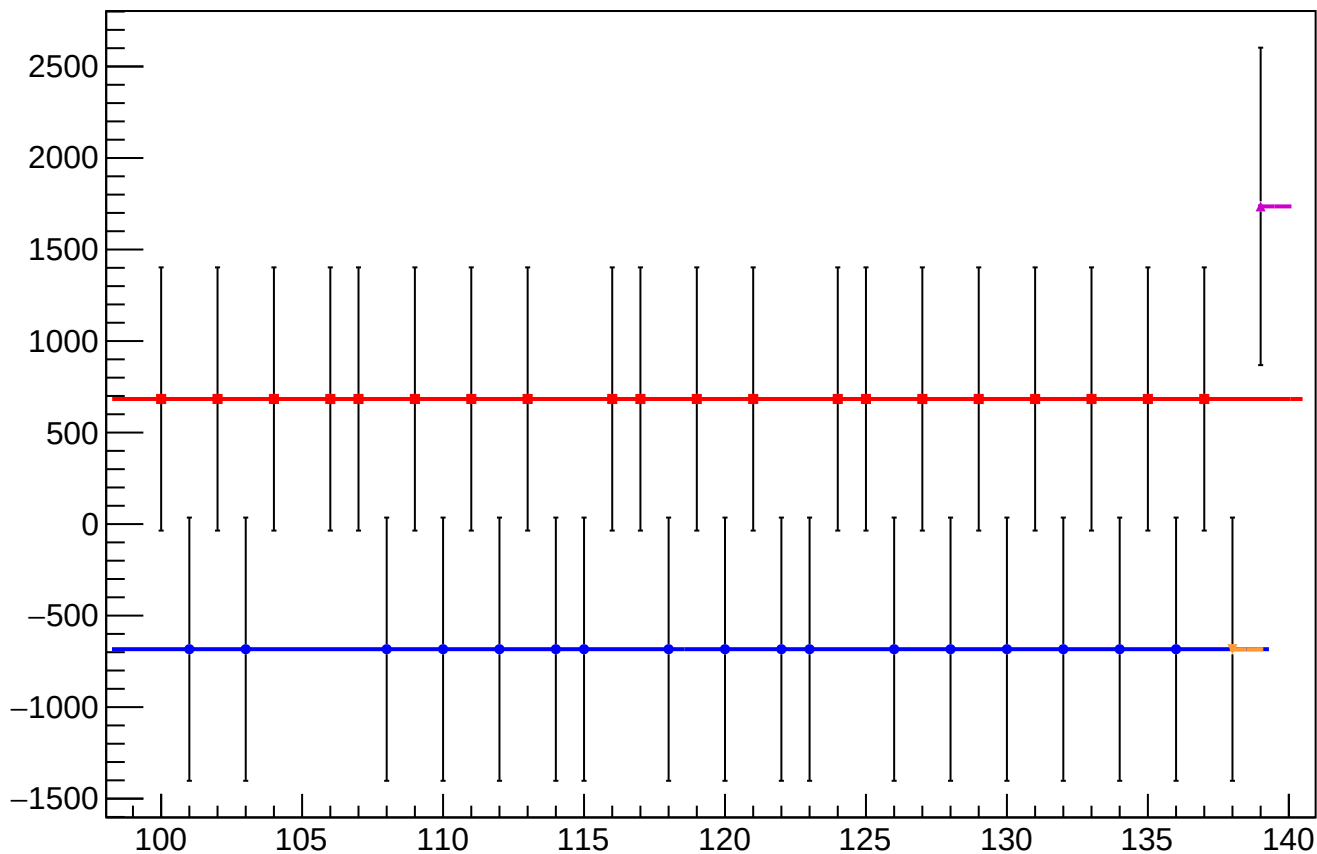
Left In: 611.133 $\pm$ 0.616 χ^2 /NDF: 0.0/0

642.426 $\pm$ 0.125 χ^2 /NDF: 0.0/17

641.825 $\pm$ 0.085 χ^2 /NDF: 2532.2/38

641.304 $\pm$ 0.117 χ^2 /NDF: 2489.3/20

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: -683.475 ± 174.389 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -683.475 ± 719.022 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 683.475 ± 160.778 $\chi^2/\text{NDF}: 0.0/19$

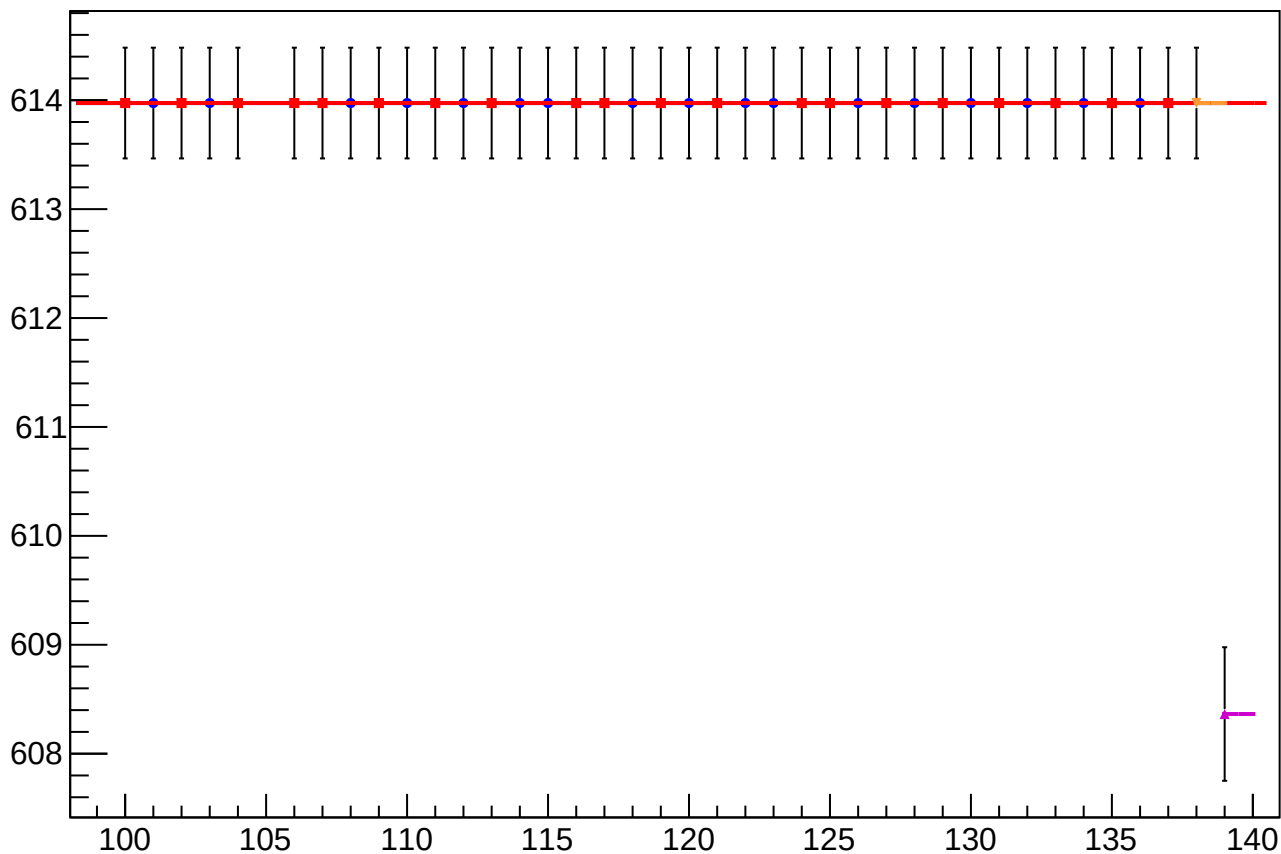
Left In: 1735.627 ± 867.169 $\chi^2/\text{NDF}: 0.0/0$

-683.475 ± 169.475 $\chi^2/\text{NDF}: 0.0/17$

66.177 ± 115.600 $\chi^2/\text{NDF}: 38.0/38$

718.441 ± 158.084 $\chi^2/\text{NDF}: 1.4/20$

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 613.974 $\pm$ 0.123 χ^2 /NDF: 0.0/16

Left Out: 613.974 $\pm$ 0.508 χ^2 /NDF: 0.0/0

Right Out: 613.974 $\pm$ 0.114 χ^2 /NDF: 0.0/19

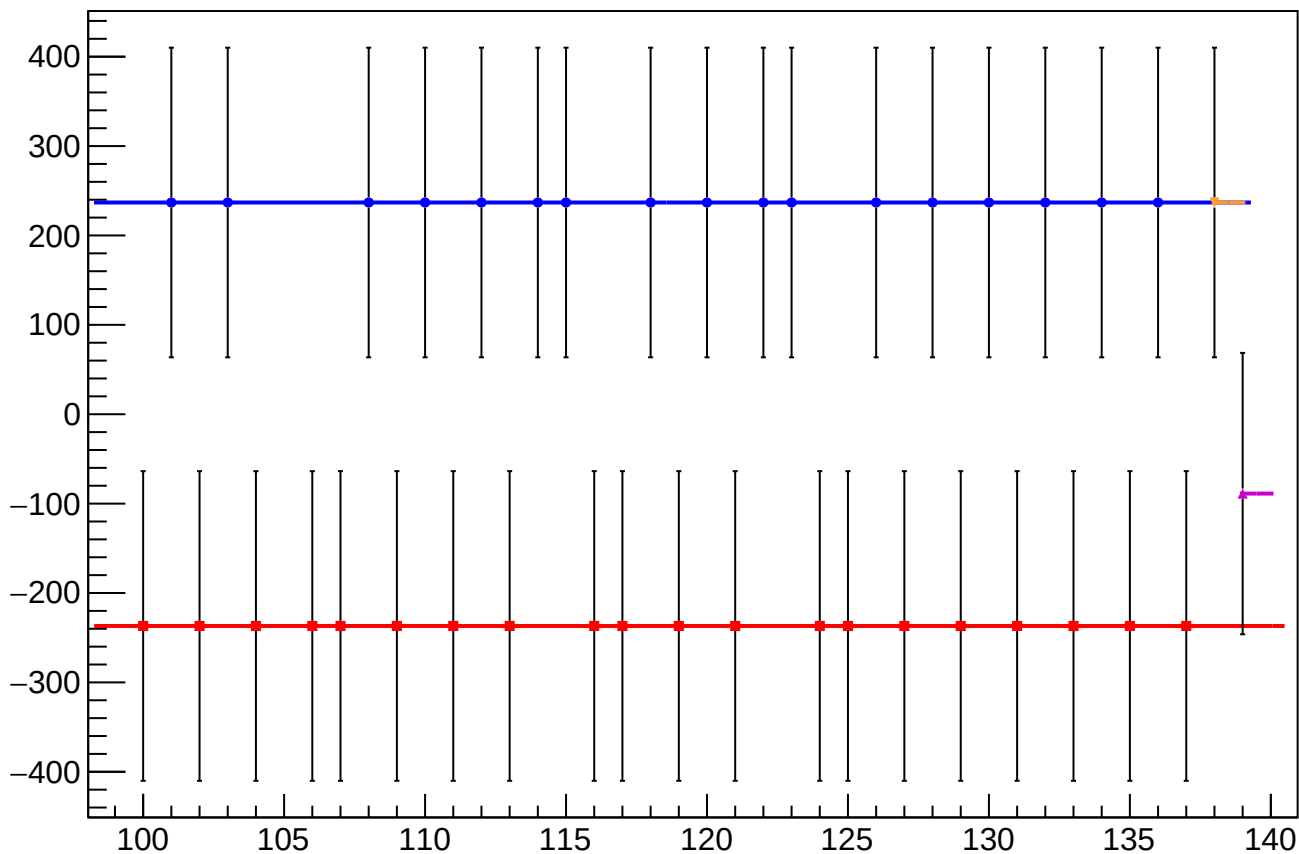
Left In: 608.364 $\pm$ 0.613 χ^2 /NDF: 0.0/0

613.974 $\pm$ 0.120 χ^2 /NDF: 0.0/17

613.874 $\pm$ 0.082 χ^2 /NDF: 82.2/38

613.788 $\pm$ 0.112 χ^2 /NDF: 80.9/20

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 236.881 $\pm$ 42.009 χ^2 /NDF: 0.0/16

Left Out: 236.881 $\pm$ 173.207 χ^2 /NDF:0.0/0

Right Out: -236.881 $\pm$ 38.730 χ^2 /NDF: 0.0/19

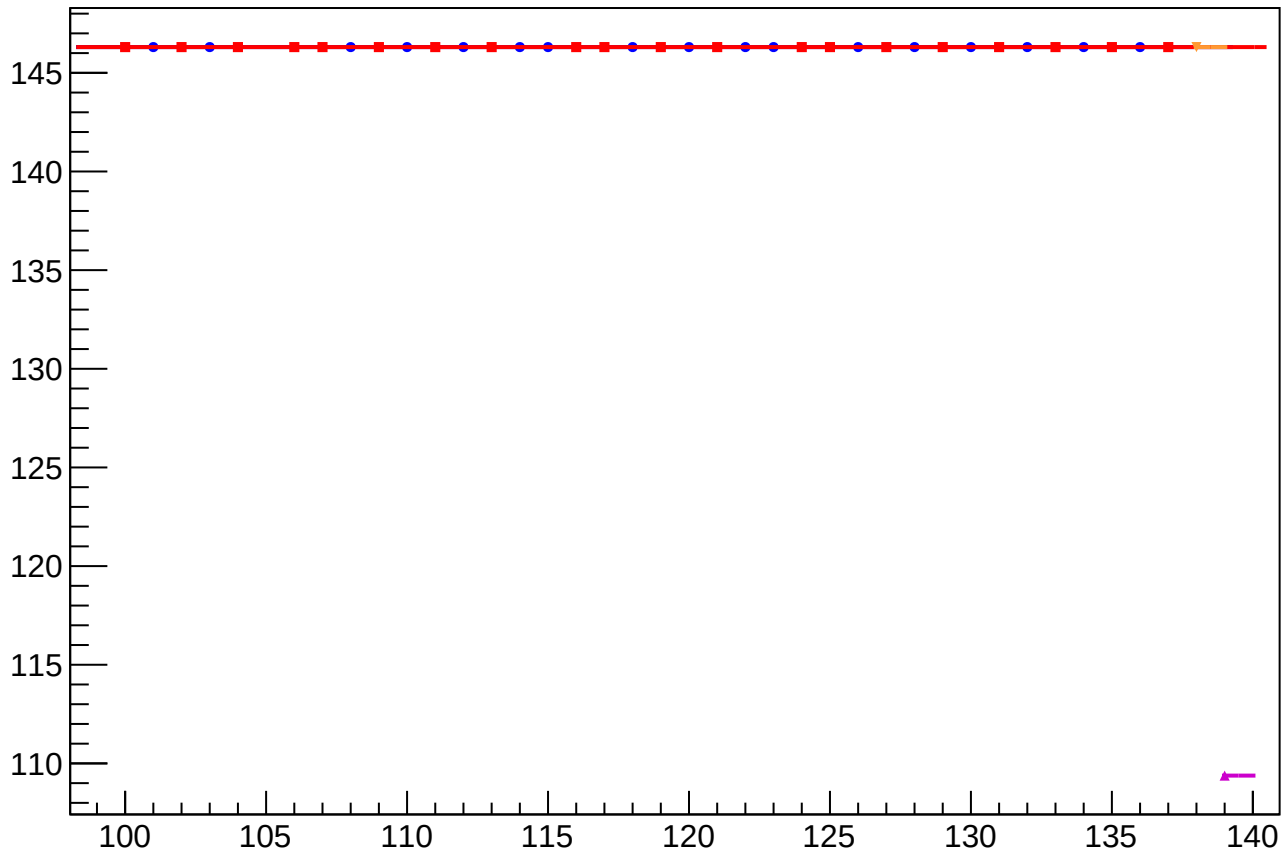
Left In: -88.770 $\pm$ 157.399 χ^2 /NDF:0.0/0

236.881 $\pm$ 40.825 χ^2 /NDF: 0.0/17

-14.824 $\pm$ 27.661 χ^2 /NDF: 71.1/38

-228.425 $\pm$ 37.609 χ^2 /NDF: 0.8/20

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 146.305 $\pm$ 0.030 χ^2 /NDF: 0.0/16

Left Out: 146.305 $\pm$ 0.122 χ^2 /NDF: 0.0/0

Right Out: 146.305 $\pm$ 0.027 χ^2 /NDF: 0.0/19

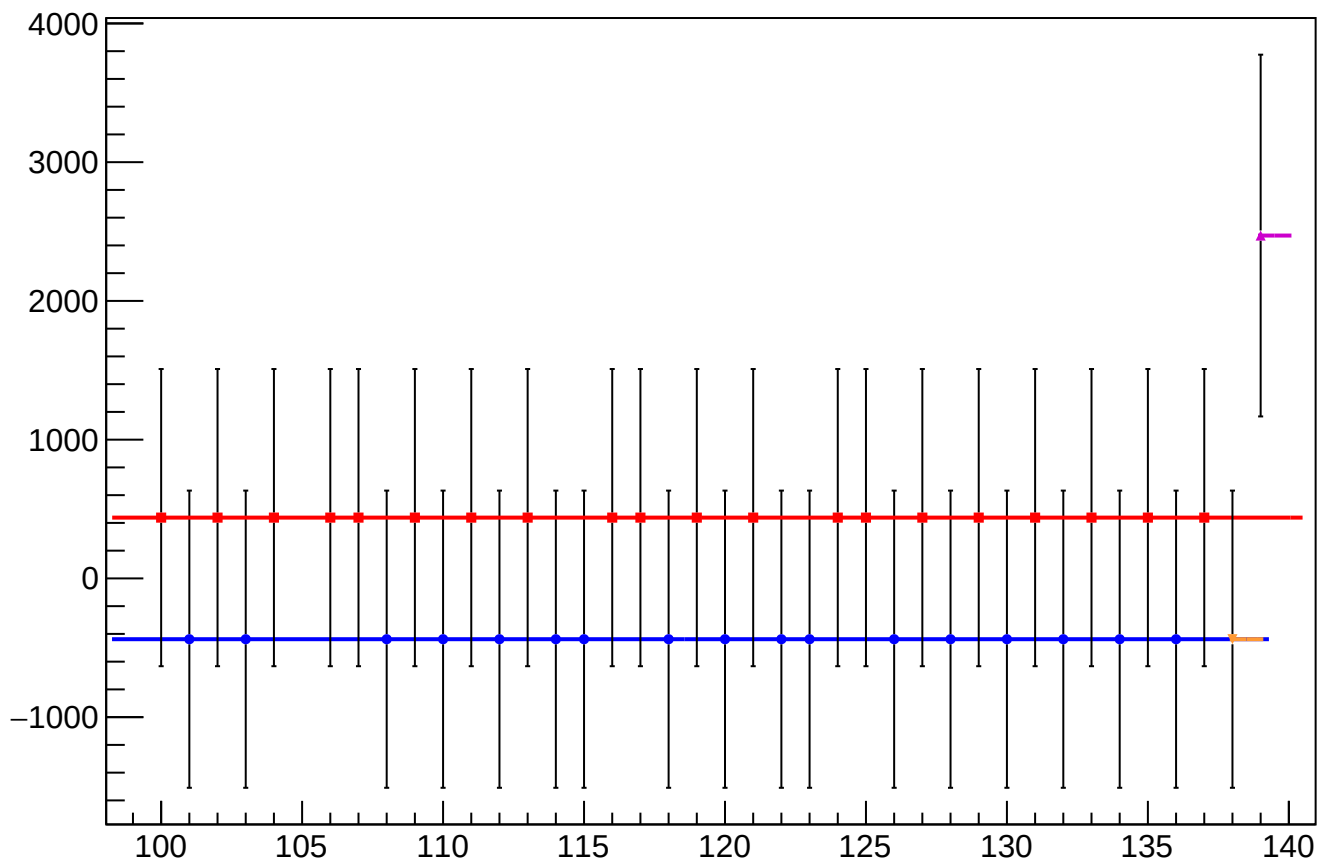
Left In: 109.382 $\pm$ 0.111 χ^2 /NDF: 0.0/0

146.305 $\pm$ 0.029 χ^2 /NDF: 0.0/17

145.165 $\pm$ 0.020 χ^2 /NDF: 106658.2/38

144.197 $\pm$ 0.027 χ^2 /NDF: 103773.8/20

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: -438.169+/-259.758 χ^2/NDF : 0.0/16

Left Out: -438.169+/-1071.010 χ^2/NDF : 0.0/0

Right Out: 438.169+/-239.485 χ^2/NDF : 0.0/19

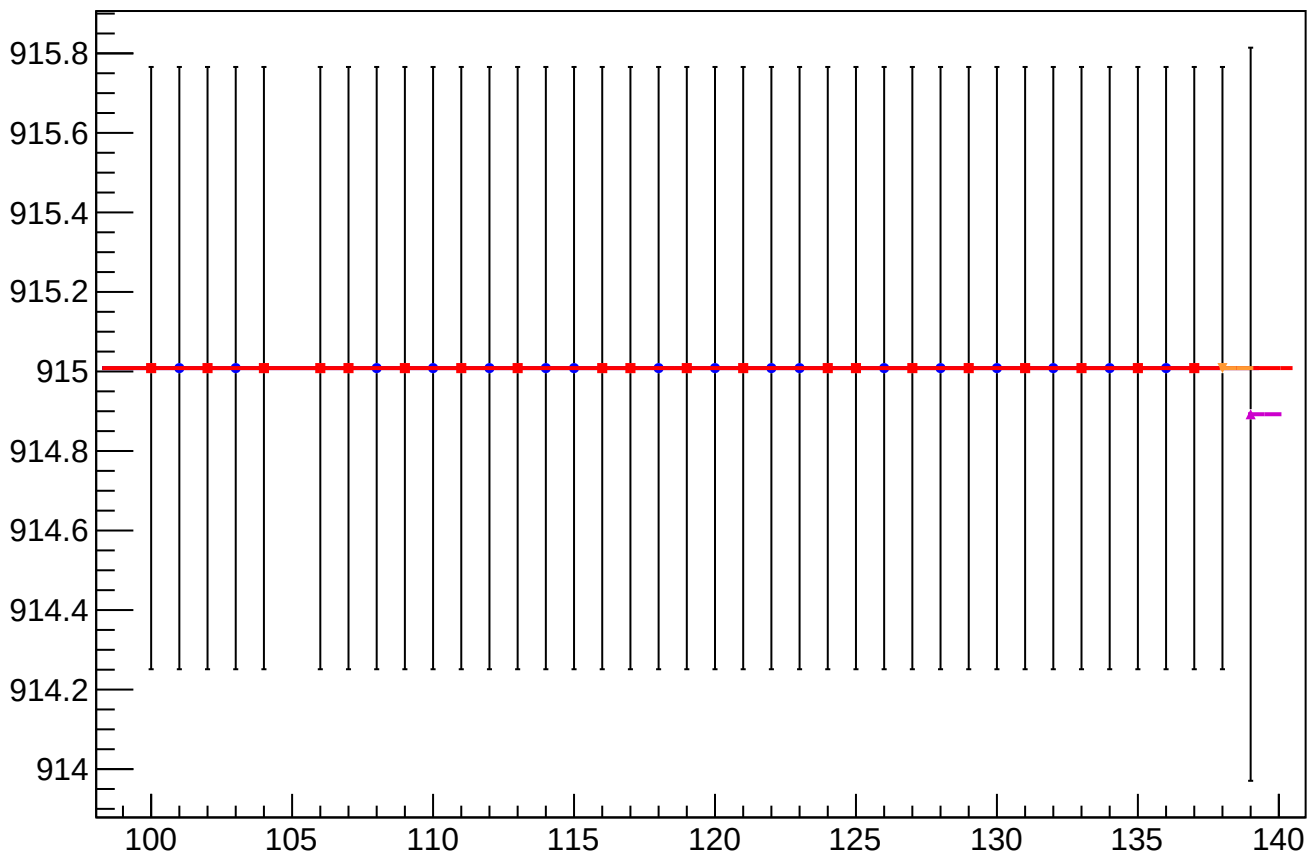
Left In: 2471.097+/-1303.710 χ^2/NDF : 0.0/0

-438.169+/-252.440 χ^2/NDF : 0.0/17

65.780+/-172.218 χ^2/NDF : 9.8/38

504.529+/-235.544 χ^2/NDF : 2.4/20

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 915.008 $\pm$ 0.184 χ^2 /NDF: 0.0/16

Left Out: 915.008 $\pm$ 0.757 χ^2 /NDF: 0.0/0

Right Out: 915.008 $\pm$ 0.169 χ^2 /NDF: 0.0/19

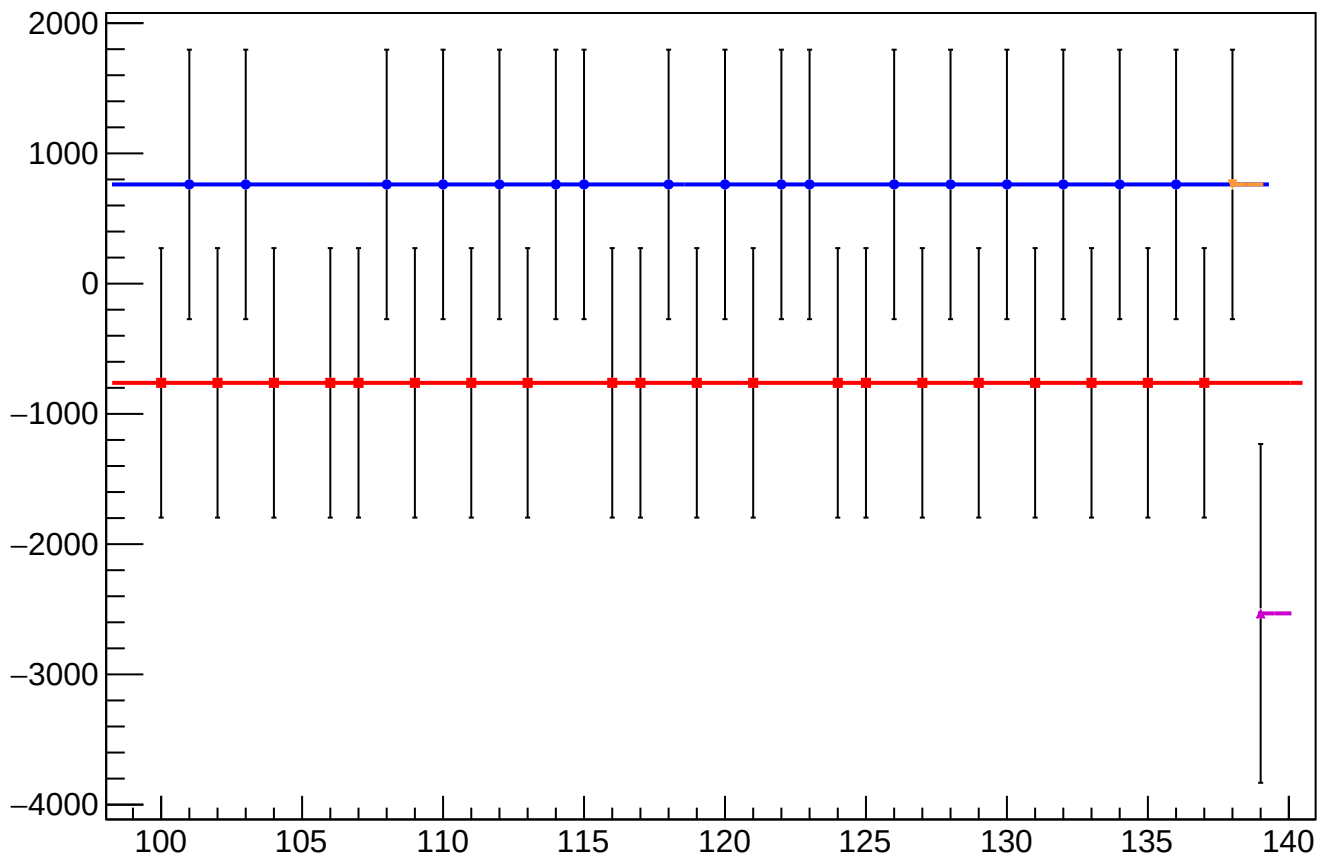
Left In: 914.892 $\pm$ 0.922 χ^2 /NDF: 0.0/0

915.008 $\pm$ 0.179 χ^2 /NDF: 0.0/17

915.006 $\pm$ 0.122 χ^2 /NDF: 0.0/38

915.005 $\pm$ 0.167 χ^2 /NDF: 0.0/20

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 761.735 $\pm$ 250.914 χ^2 /NDF: 0.0/16

Left Out: 761.735 $\pm$ 1034.544 χ^2 /NDF: 0.0/0

Right Out: -761.735 $\pm$ 231.331 χ^2 /NDF: 0.0/19

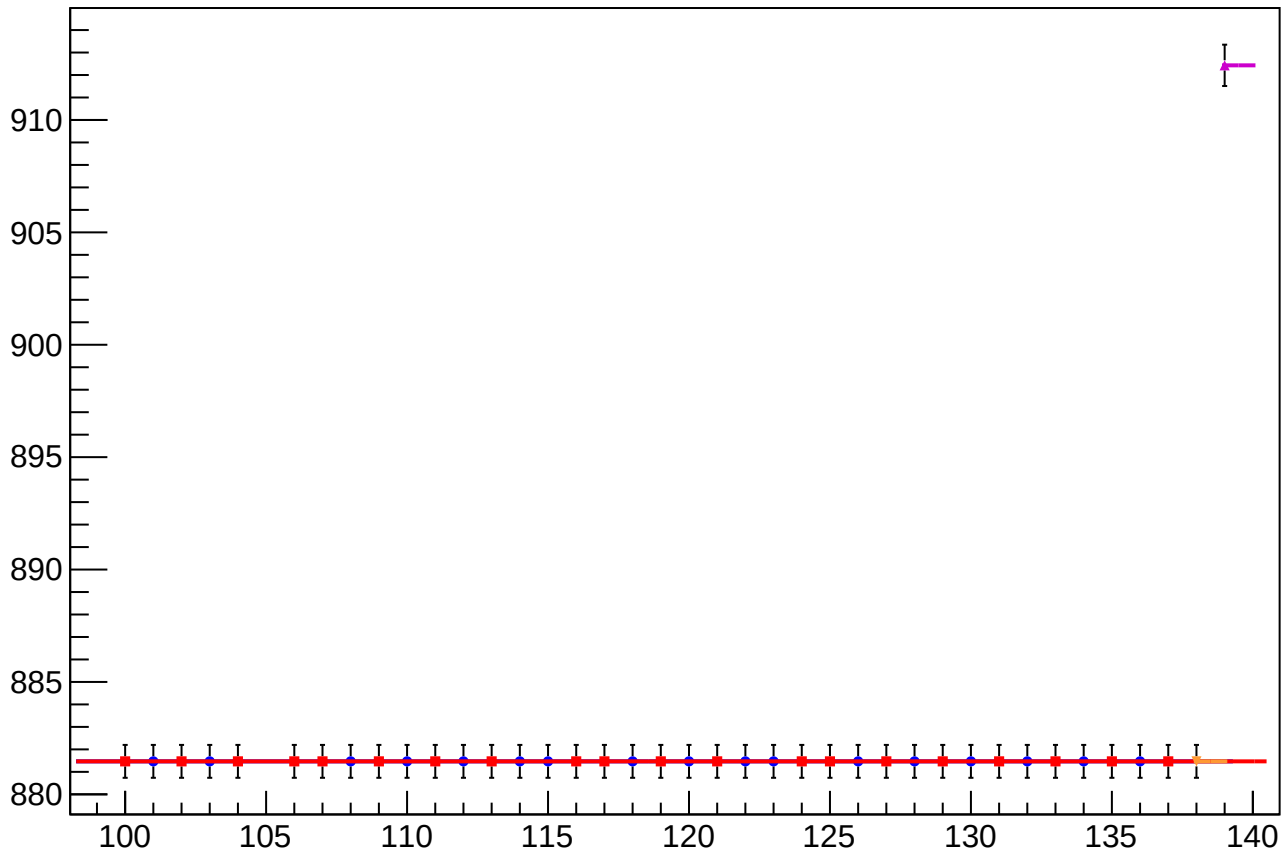
Left In: -2531.643 $\pm$ 1300.590 χ^2 /NDF: 0.0/0

761.735 $\pm$ 243.844 χ^2 /NDF: 0.0/17

-80.898 $\pm$ 166.445 χ^2 /NDF: 24.2/38

-816.012 $\pm$ 227.756 χ^2 /NDF: 1.8/20

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 881.467+/-0.177 χ^2/NDF : 0.0/16

Left Out: 881.467+/-0.732 χ^2/NDF : 0.0/0

Right Out: 881.467+/-0.164 χ^2/NDF : 0.0/19

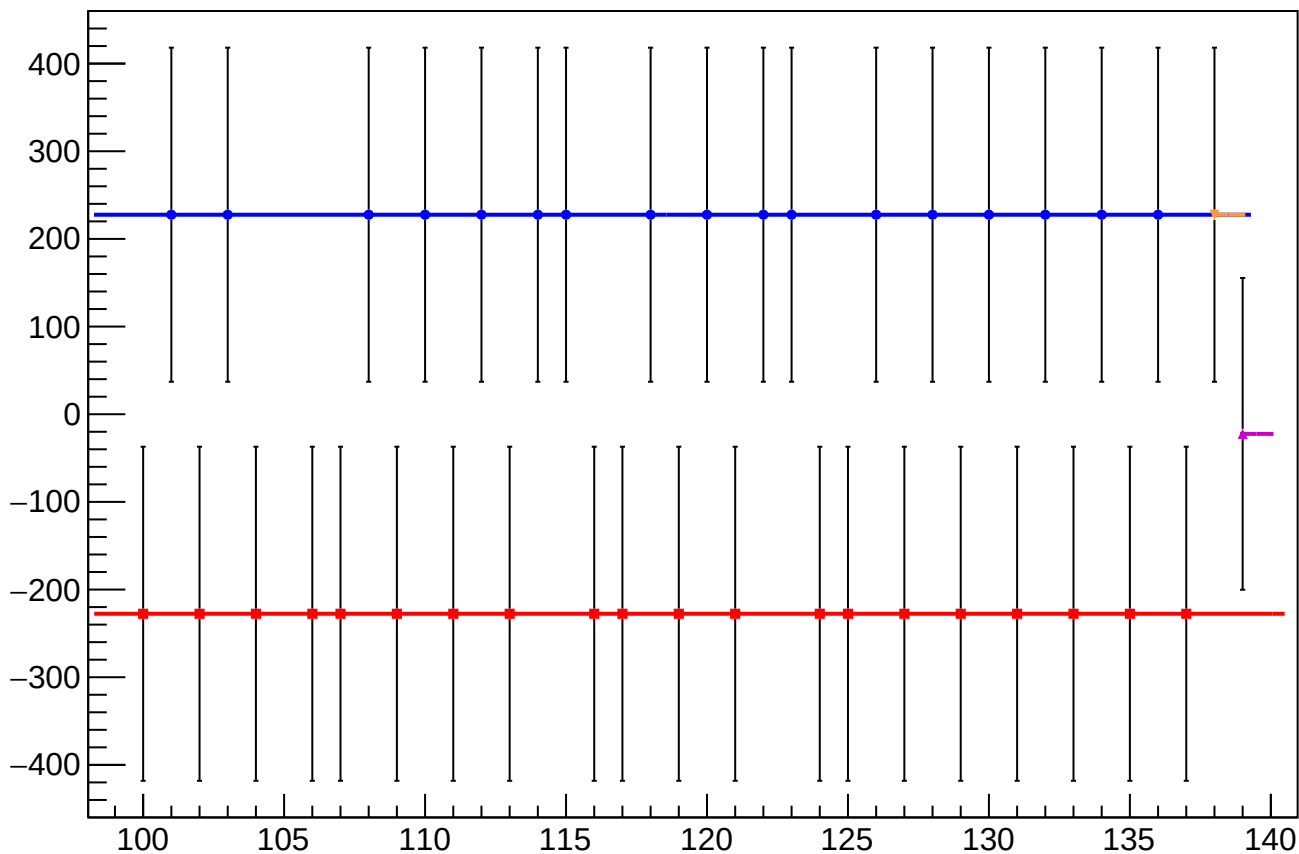
Left In: 912.430+/-0.920 χ^2/NDF : 0.0/0

881.467+/-0.172 χ^2/NDF : 0.0/17

881.974+/-0.118 χ^2/NDF : 1115.0/38

882.417+/-0.161 χ^2/NDF : 1098.8/20

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 227.596 $\pm$ 46.216 χ^2 /NDF: 0.0/16

Left Out: 227.596 $\pm$ 190.555 χ^2 /NDF:0.0/0

Right Out: -227.596 $\pm$ 42.609 χ^2 /NDF: 0.0/19

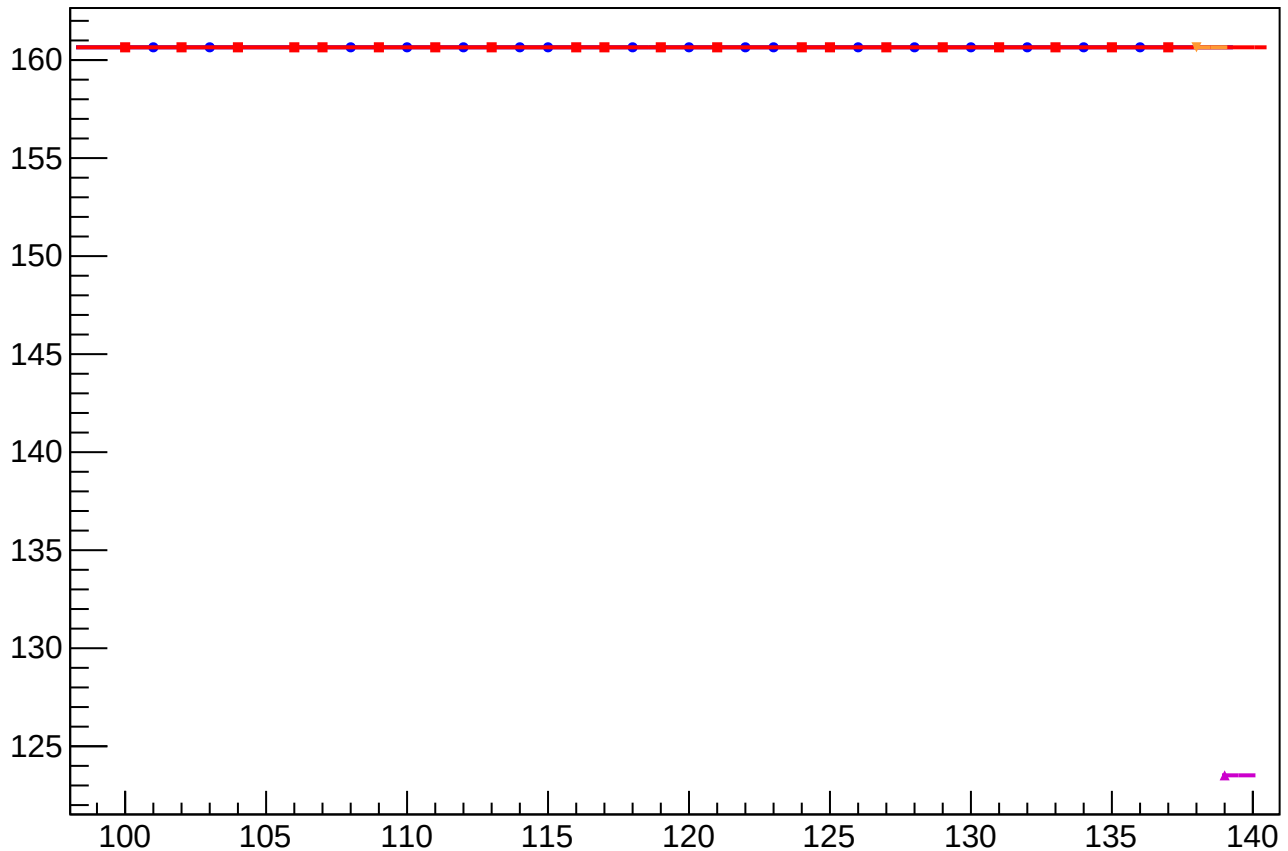
Left In: -22.414 $\pm$ 177.810 χ^2 /NDF:0.0/0

227.596 $\pm$ 44.914 χ^2 /NDF: 0.0/17

-12.285 $\pm$ 30.455 χ^2 /NDF: 54.1/38

-216.453 $\pm$ 41.436 χ^2 /NDF: 1.3/20

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 160.650 $\pm$ 0.033 χ^2 /NDF: 0.0/16

Left Out: 160.650 $\pm$ 0.135 χ^2 /NDF: 0.0/0

Right Out: 160.650 $\pm$ 0.030 χ^2 /NDF: 0.0/19

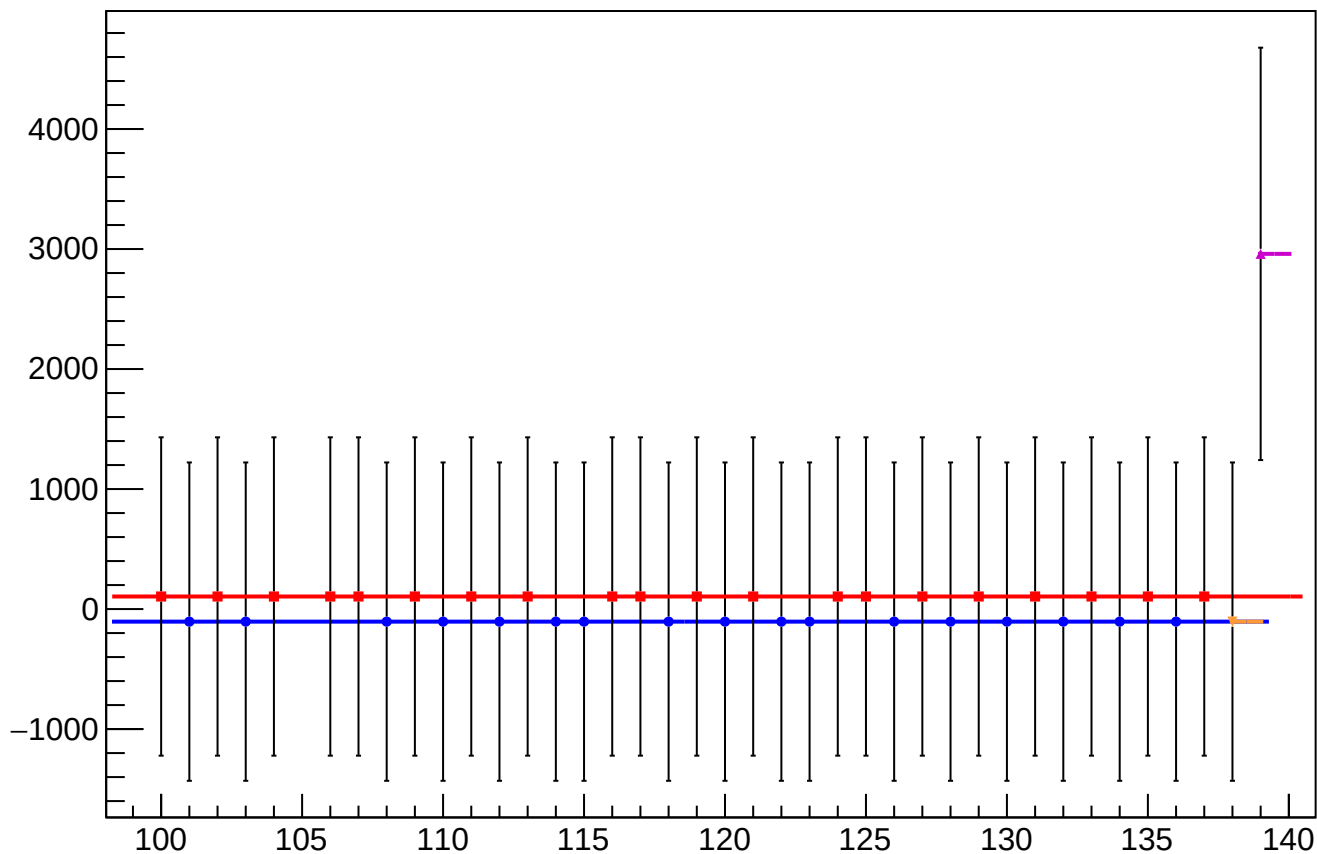
Left In: 123.517 $\pm$ 0.126 χ^2 /NDF: 0.0/0

160.650 $\pm$ 0.032 χ^2 /NDF: 0.0/17

159.561 $\pm$ 0.022 χ^2 /NDF: 84664.9/38

158.634 $\pm$ 0.029 χ^2 /NDF: 82486.9/20

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: -104.711 $\pm$ 321.680 χ^2 /NDF: 0.0/16

Left Out: -104.711 $\pm$ 1326.321 χ^2 /NDF: 0.0/0

Right Out: 104.711 $\pm$ 296.574 χ^2 /NDF: 0.0/19

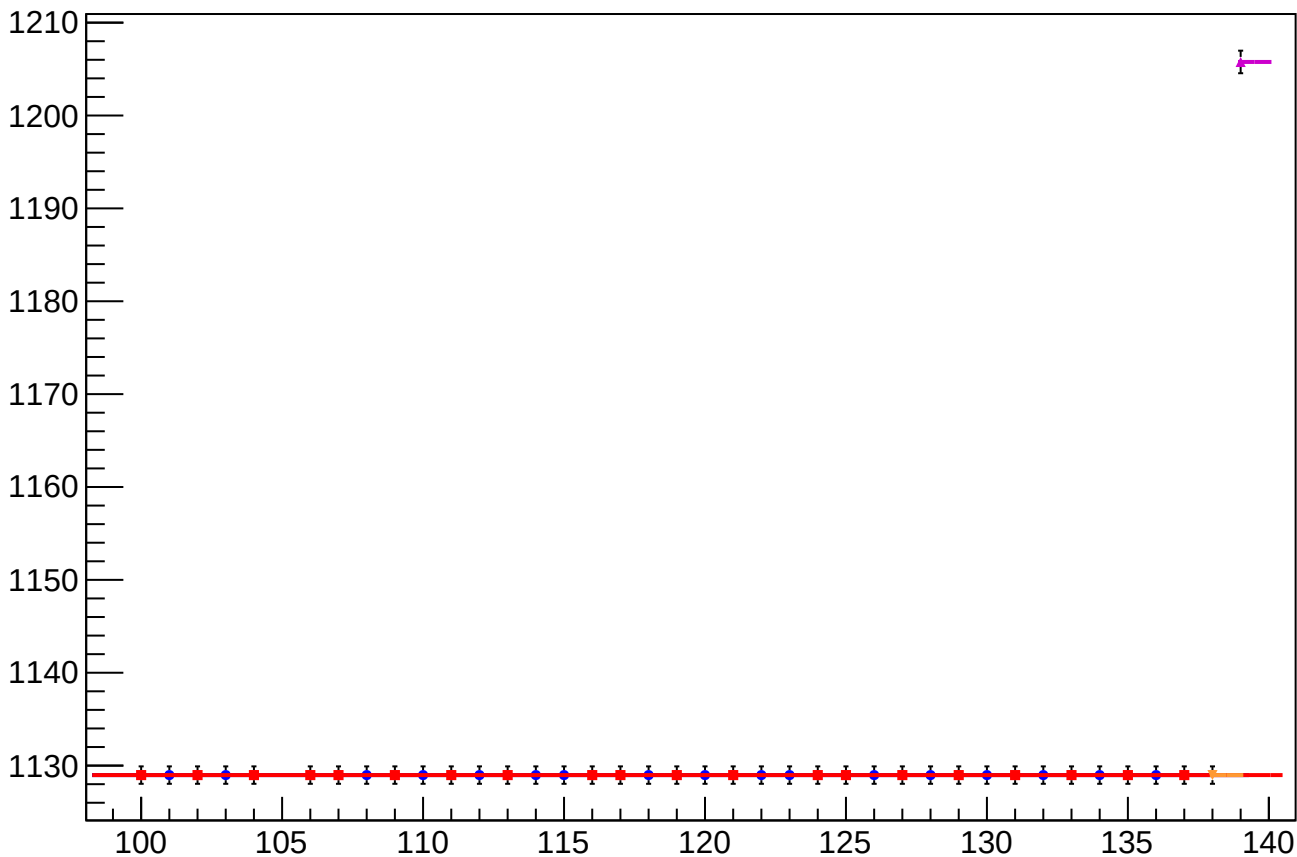
Left In: 2959.695 $\pm$ 1718.156 χ^2 /NDF: 0.0/0

-104.711 $\pm$ 312.617 χ^2 /NDF: 0.0/17

51.122 $\pm$ 213.490 χ^2 /NDF: 3.1/38

187.313 $\pm$ 292.253 χ^2 /NDF: 2.7/20

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 1128.979 $\pm$ 0.227 χ^2/NDF : 0.0/16

Left Out: 1128.979 $\pm$ 0.938 χ^2/NDF : 0.0/0

Right Out: 1128.979 $\pm$ 0.210 χ^2/NDF : 0.0/19

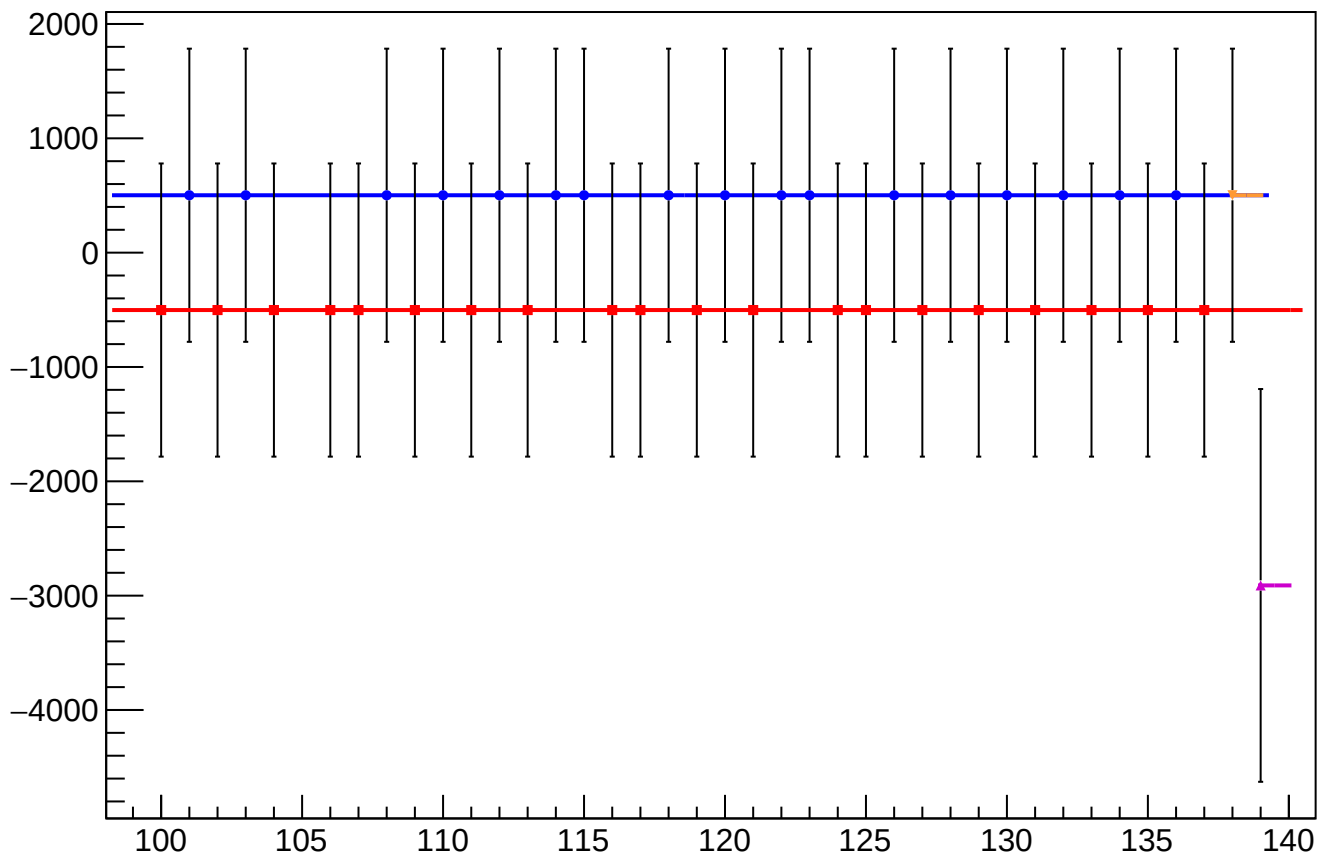
Left In: 1205.767 $\pm$ 1.215 χ^2/NDF : 0.0/0

1128.979 $\pm$ 0.221 χ^2/NDF : 0.0/17

1130.164 $\pm$ 0.151 χ^2/NDF : 3933.1/38

1131.201 $\pm$ 0.207 χ^2/NDF : 3879.2/20

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 502.043+/-310.943 χ^2/NDF : 0.0/16

Left Out: 502.043+/-1282.050 χ^2/NDF : 0.0/0

Right Out: -502.043+/-286.675 χ^2/NDF : 0.0/19

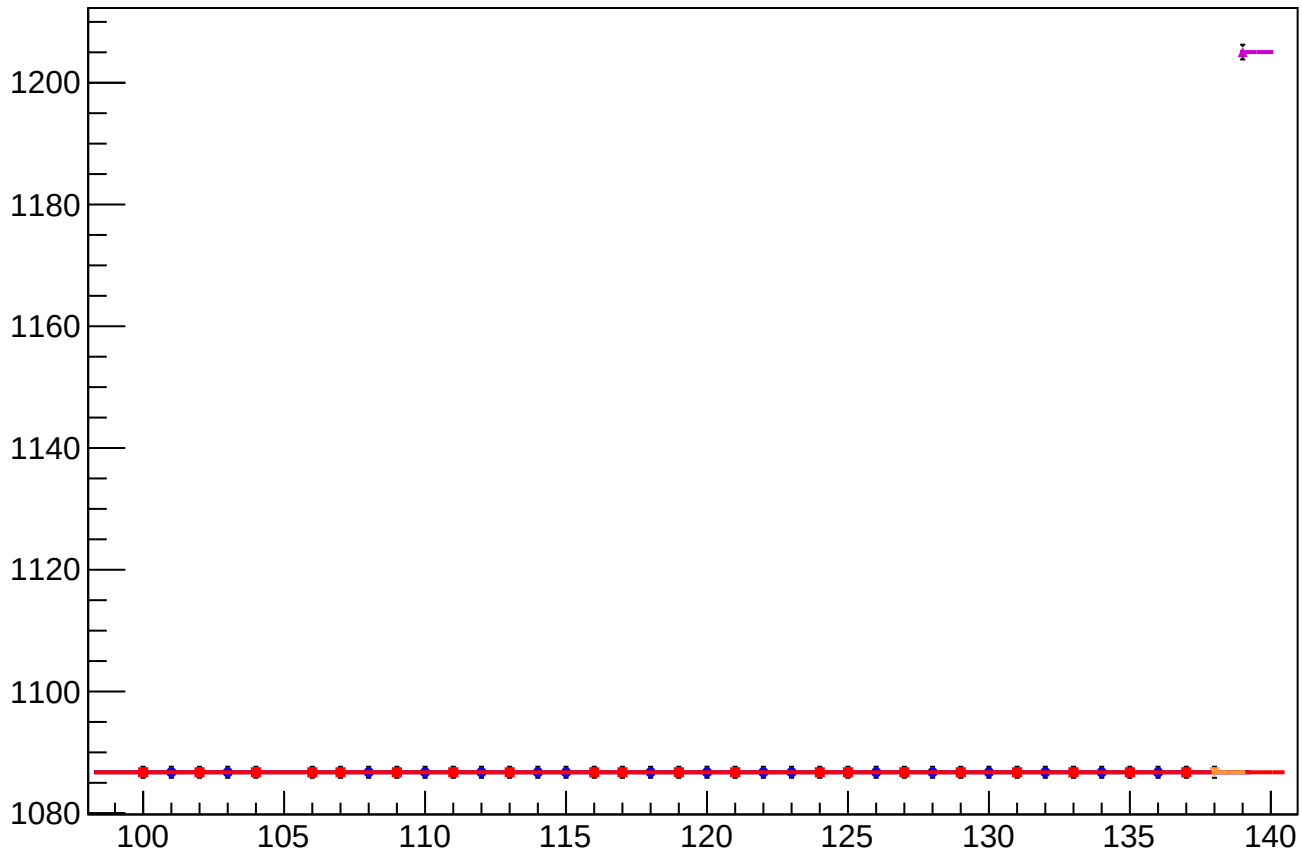
Left In: -2910.470+/-1717.668 χ^2/NDF : 0.0/0

502.043+/-302.182 χ^2/NDF : 0.0/17

-68.094+/-206.468 χ^2/NDF : 8.6/38

-567.312+/-282.764 χ^2/NDF : 1.9/20

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1086.731 $\pm$ 0.220 χ^2 /NDF: 0.0/16

Left Out: 1086.731 $\pm$ 0.907 χ^2 /NDF: 0.0/0

Right Out: 1086.731 $\pm$ 0.203 χ^2 /NDF: 0.0/19

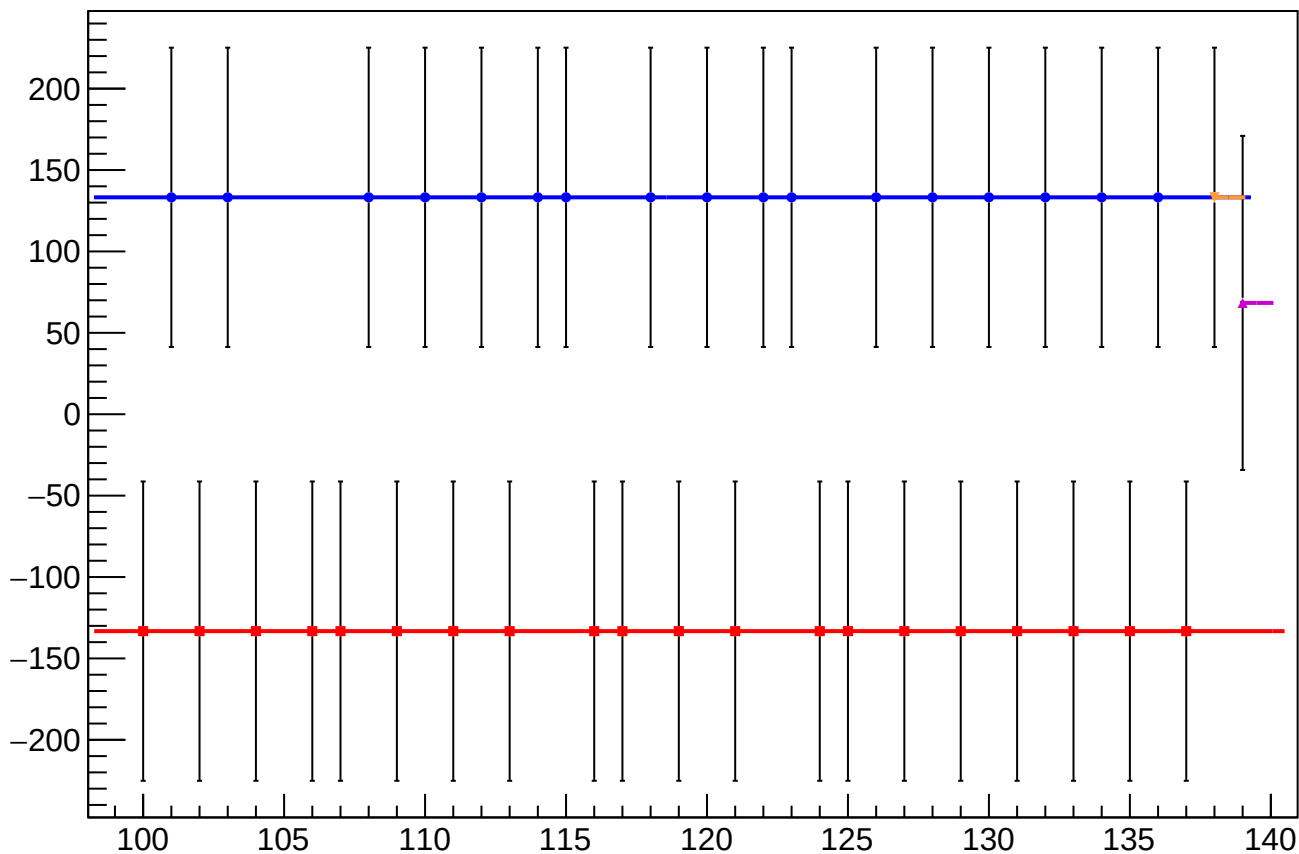
Left In: 1205.043 $\pm$ 1.215 χ^2 /NDF: 0.0/0

1086.731 $\pm$ 0.214 χ^2 /NDF: 0.0/17

1088.440 $\pm$ 0.146 χ^2 /NDF: 9351.6/38

1089.937 $\pm$ 0.200 χ^2 /NDF: 9231.6/20

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 133.239 $\pm$ 22.296 χ^2 /NDF: 0.0/16

Left Out: 133.239 $\pm$ 91.928 χ^2 /NDF:0.0/0

Right Out: -133.239 $\pm$ 20.556 χ^2 /NDF: 0.0/19

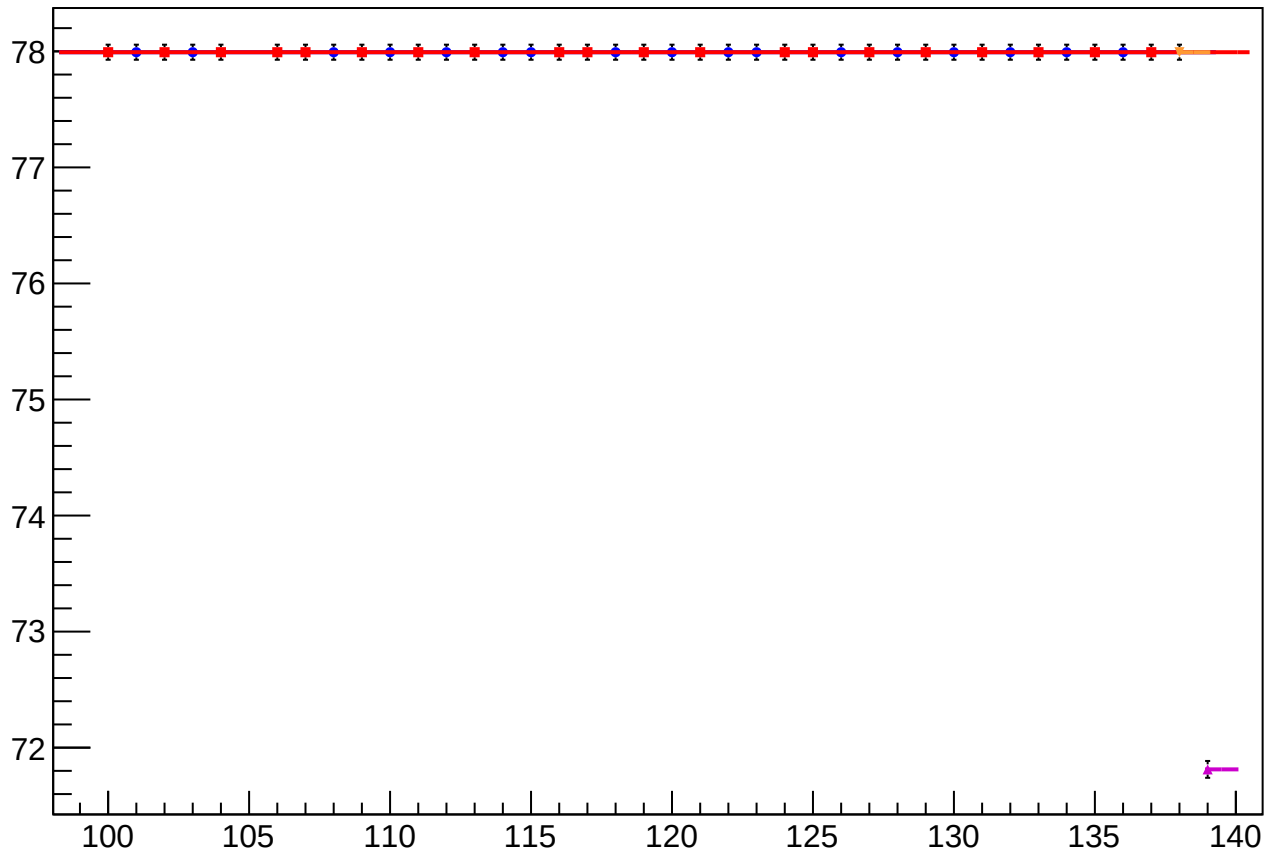
Left In: 68.378 $\pm$ 102.605 χ^2 /NDF:0.0/0

133.239 $\pm$ 21.668 χ^2 /NDF: 0.0/17

-5.453 $\pm$ 14.758 χ^2 /NDF: 80.1/38

-125.459 $\pm$ 20.155 χ^2 /NDF: 3.7/20

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 77.993 $\pm$ 0.016 χ^2 /NDF: 0.0/16

Left Out: 77.993 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Right Out: 77.993 $\pm$ 0.015 χ^2 /NDF: 0.0/19

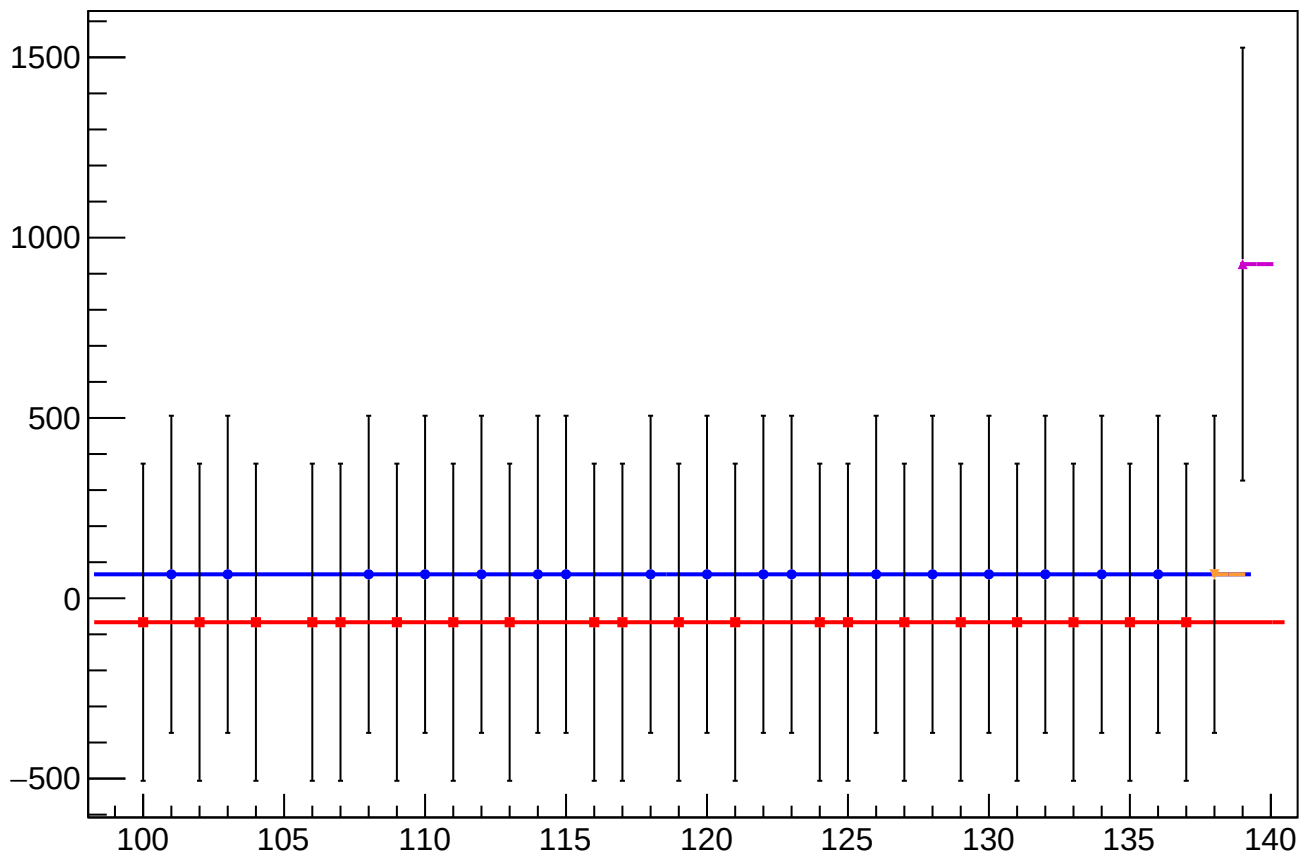
Left In: 71.813 $\pm$ 0.073 χ^2 /NDF: 0.0/0

77.993 $\pm$ 0.015 χ^2 /NDF: 0.0/17

77.865 $\pm$ 0.010 χ^2 /NDF: 7104.9/38

77.754 $\pm$ 0.014 χ^2 /NDF: 6975.1/20

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 66.428 $\pm$ 106.649 χ^2 /NDF: 0.0/16

Left Out: 66.428 $\pm$ 439.725 χ^2 /NDF:0.0/0

Right Out: -66.428 $\pm$ 98.326 χ^2 /NDF: 0.0/19

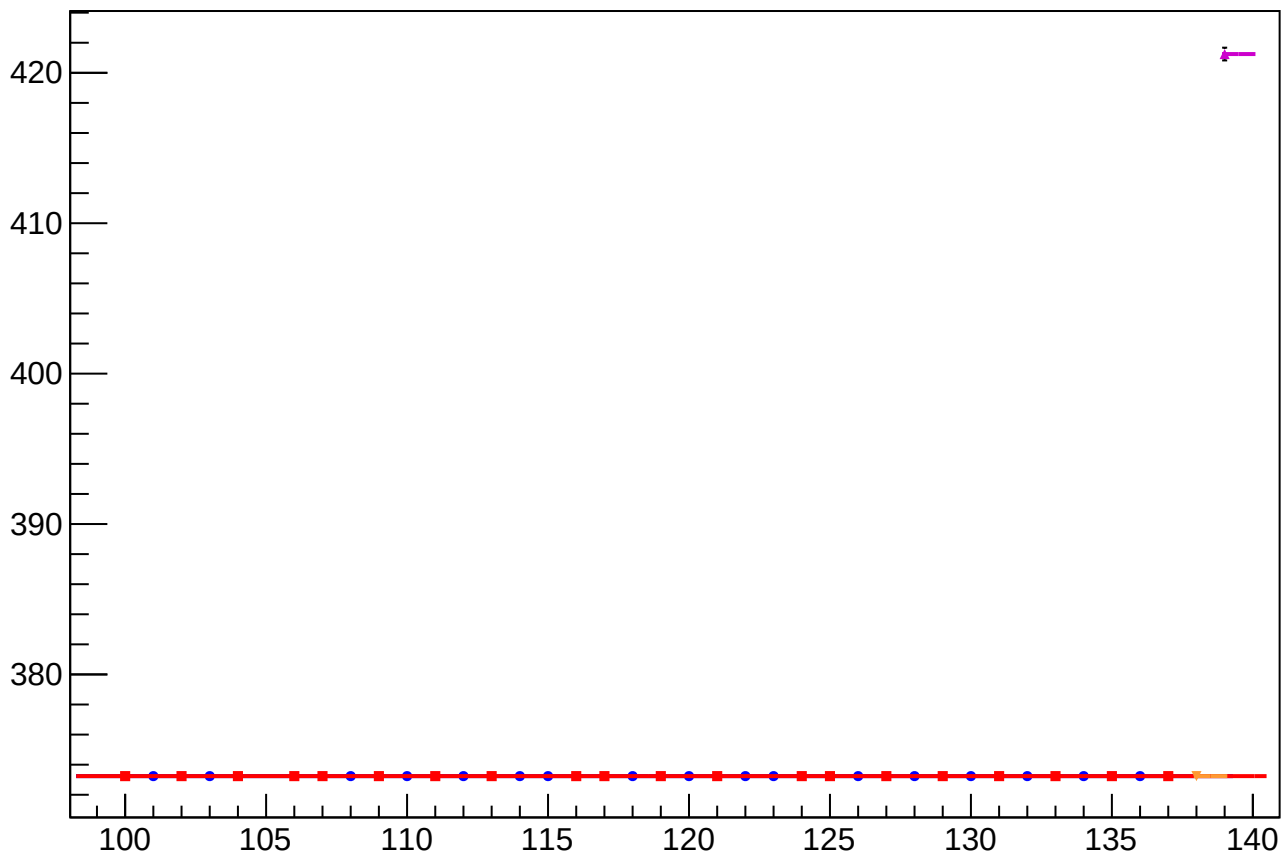
Left In: 926.606 $\pm$ 600.222 χ^2 /NDF:0.0/0

66.428 $\pm$ 103.644 χ^2 /NDF: 0.0/17

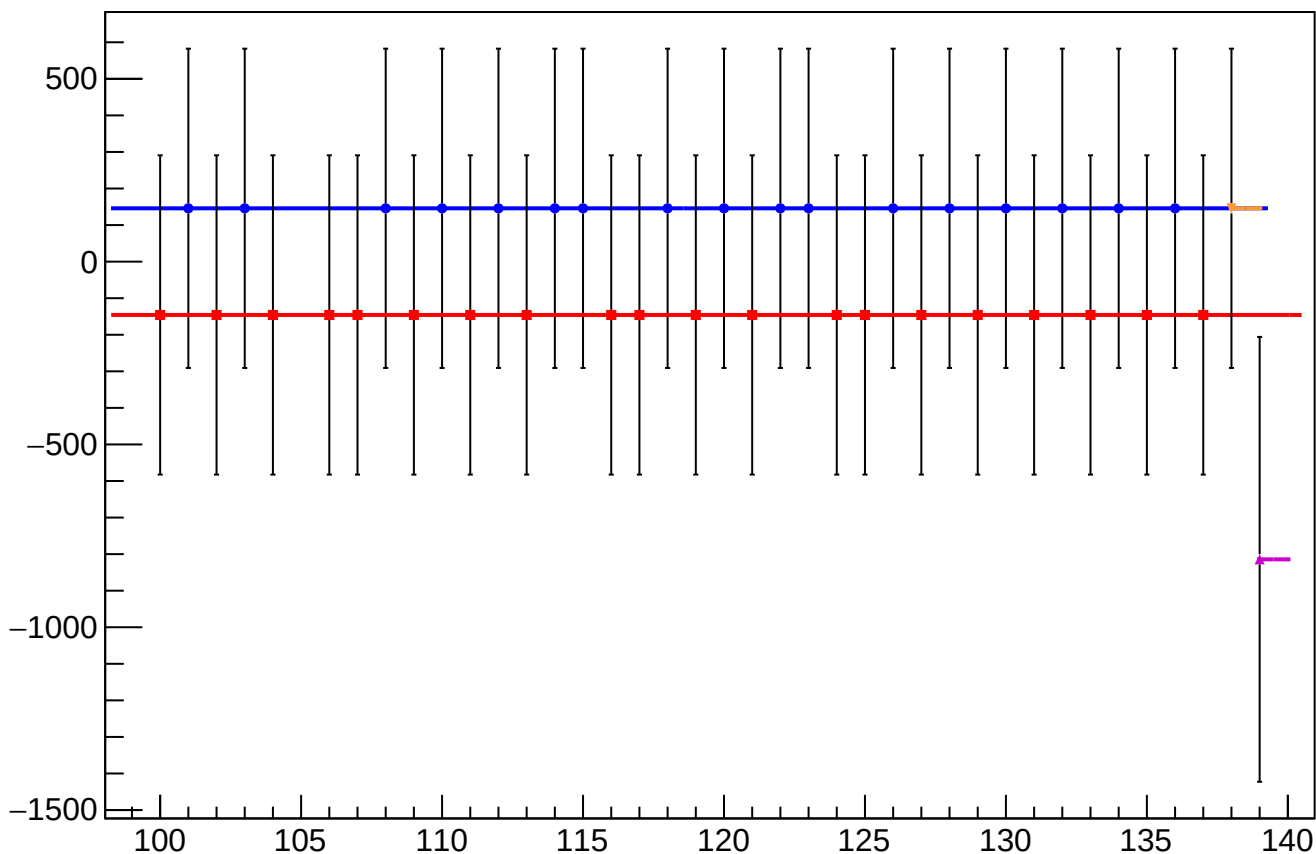
9.458 $\pm$ 70.834 χ^2 /NDF: 3.2/38

-40.476 $\pm$ 97.032 χ^2 /NDF: 2.7/20

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 145.833 $\pm$ 105.907 χ^2 /NDF: 0.0/16

Left Out: 145.833 $\pm$ 436.665 χ^2 /NDF:0.0/0

Right Out: -145.833 $\pm$ 97.641 χ^2 /NDF: 0.0/19

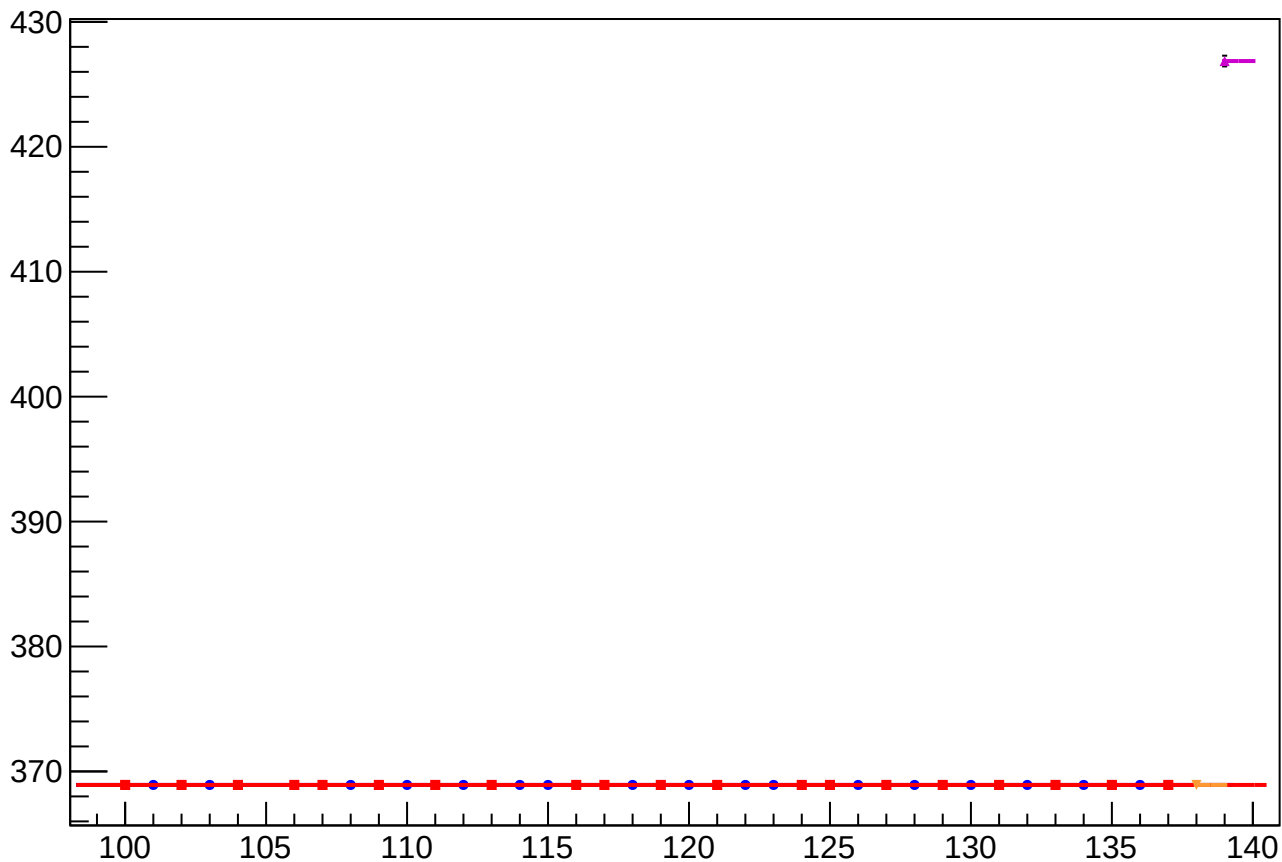
Left In: -814.320 $\pm$ 608.402 χ^2 /NDF:0.0/0

145.833 $\pm$ 102.923 χ^2 /NDF: 0.0/17

-18.464 $\pm$ 70.361 χ^2 /NDF: 6.0/38

-162.618 $\pm$ 96.408 χ^2 /NDF: 1.2/20

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 368.918 $\pm$ 0.075 χ^2 /NDF: 0.0/16

Left Out: 368.918 $\pm$ 0.309 χ^2 /NDF: 0.0/0

Right Out: 368.918 $\pm$ 0.069 χ^2 /NDF: 0.0/19

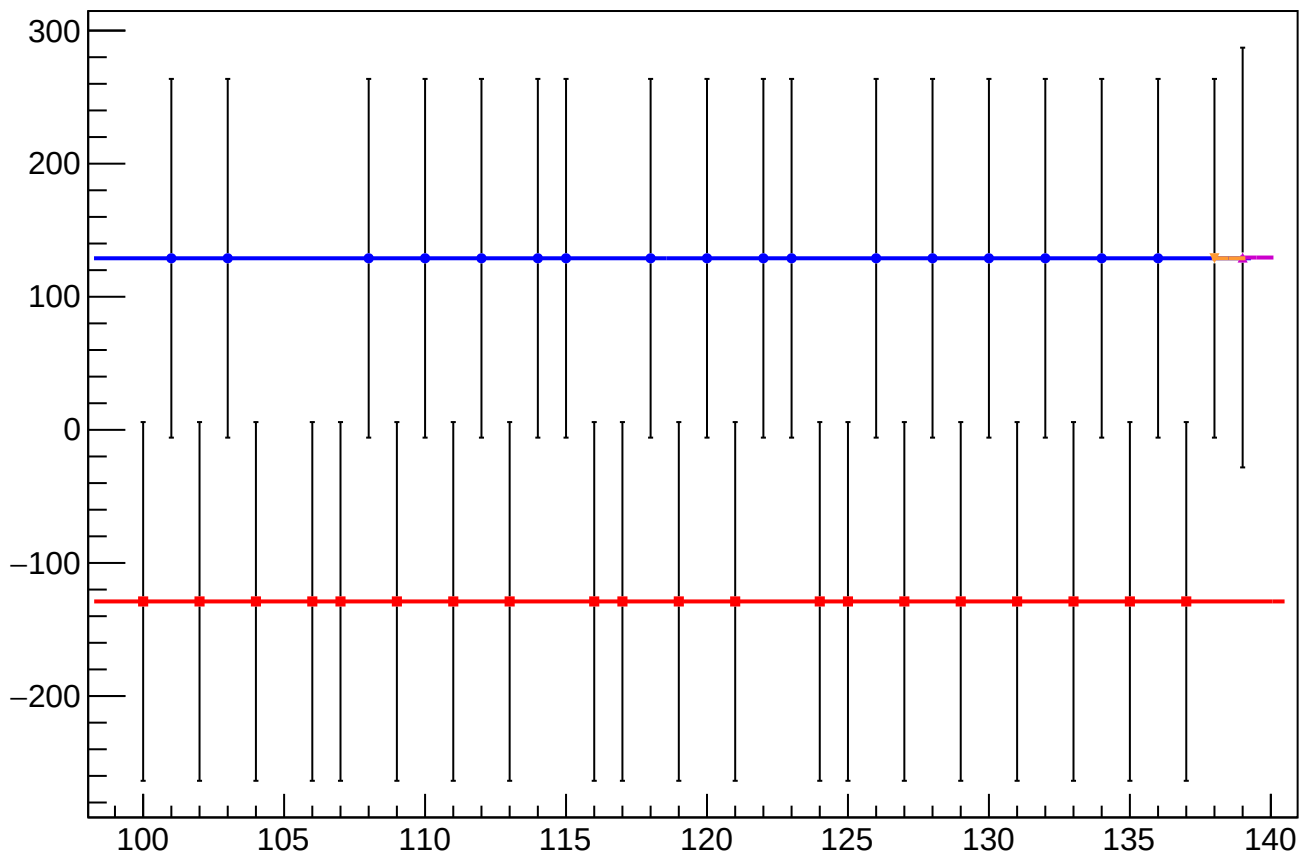
Left In: 426.865 $\pm$ 0.430 χ^2 /NDF: 0.0/0

368.918 $\pm$ 0.073 χ^2 /NDF: 0.0/17

369.693 $\pm$ 0.050 χ^2 /NDF: 17900.2/38

370.373 $\pm$ 0.068 χ^2 /NDF: 17687.3/20

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 128.920 $\pm$ 32.686 χ^2 /NDF: 0.0/16

Left Out: 128.920 $\pm$ 134.766 χ^2 /NDF: 0.0/0

Right Out: -128.920 $\pm$ 30.135 χ^2 /NDF: 0.0/19

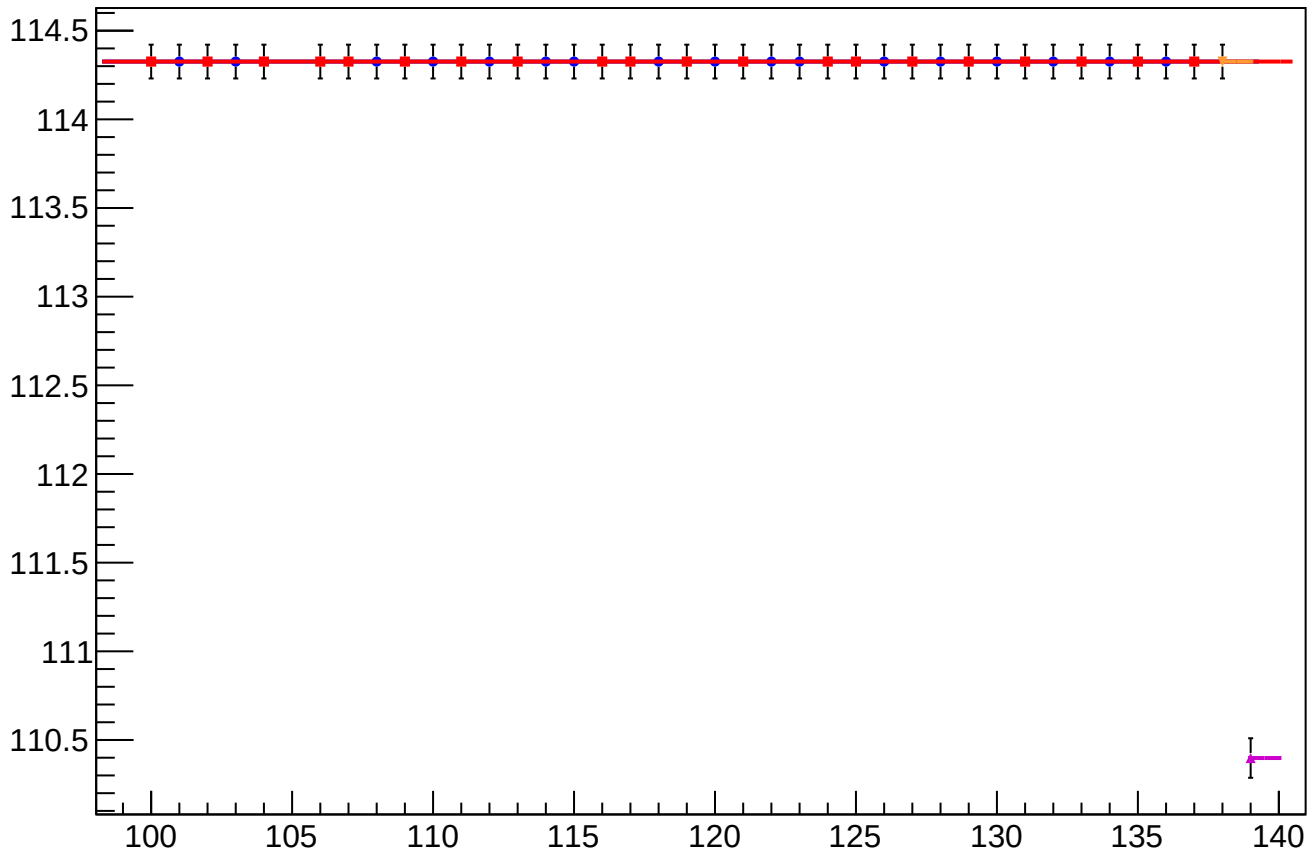
Left In: 129.472 $\pm$ 157.687 χ^2 /NDF: 0.0/0

128.920 $\pm$ 31.765 χ^2 /NDF: 0.0/17

-4.216 $\pm$ 21.655 χ^2 /NDF: 35.4/38

-119.815 $\pm$ 29.599 χ^2 /NDF: 2.6/20

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 114.326 $\pm$ 0.023 χ^2 /NDF: 0.0/16

Left Out: 114.326 $\pm$ 0.095 χ^2 /NDF: 0.0/0

Right Out: 114.326 $\pm$ 0.021 χ^2 /NDF: 0.0/19

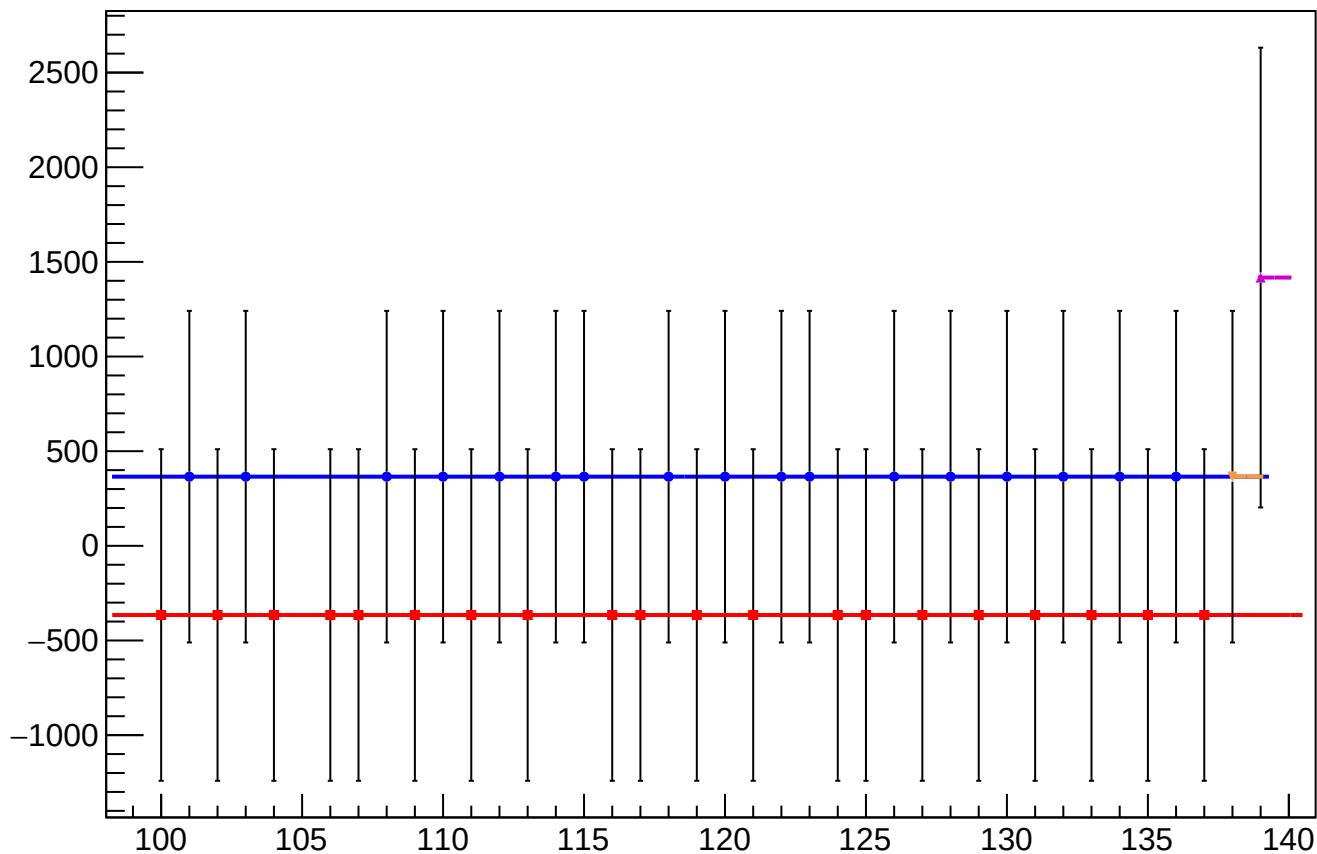
Left In: 110.398 $\pm$ 0.112 χ^2 /NDF: 0.0/0

114.326 $\pm$ 0.022 χ^2 /NDF: 0.0/17

114.252 $\pm$ 0.015 χ^2 /NDF: 1217.4/38

114.187 $\pm$ 0.021 χ^2 /NDF: 1197.1/20

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 365.387 $\pm$ 212.417 χ^2 /NDF: 0.0/16

Left Out: 365.387 $\pm$ 875.817 χ^2 /NDF: 0.0/0

Right Out: -365.387 $\pm$ 195.839 χ^2 /NDF: 0.0/19

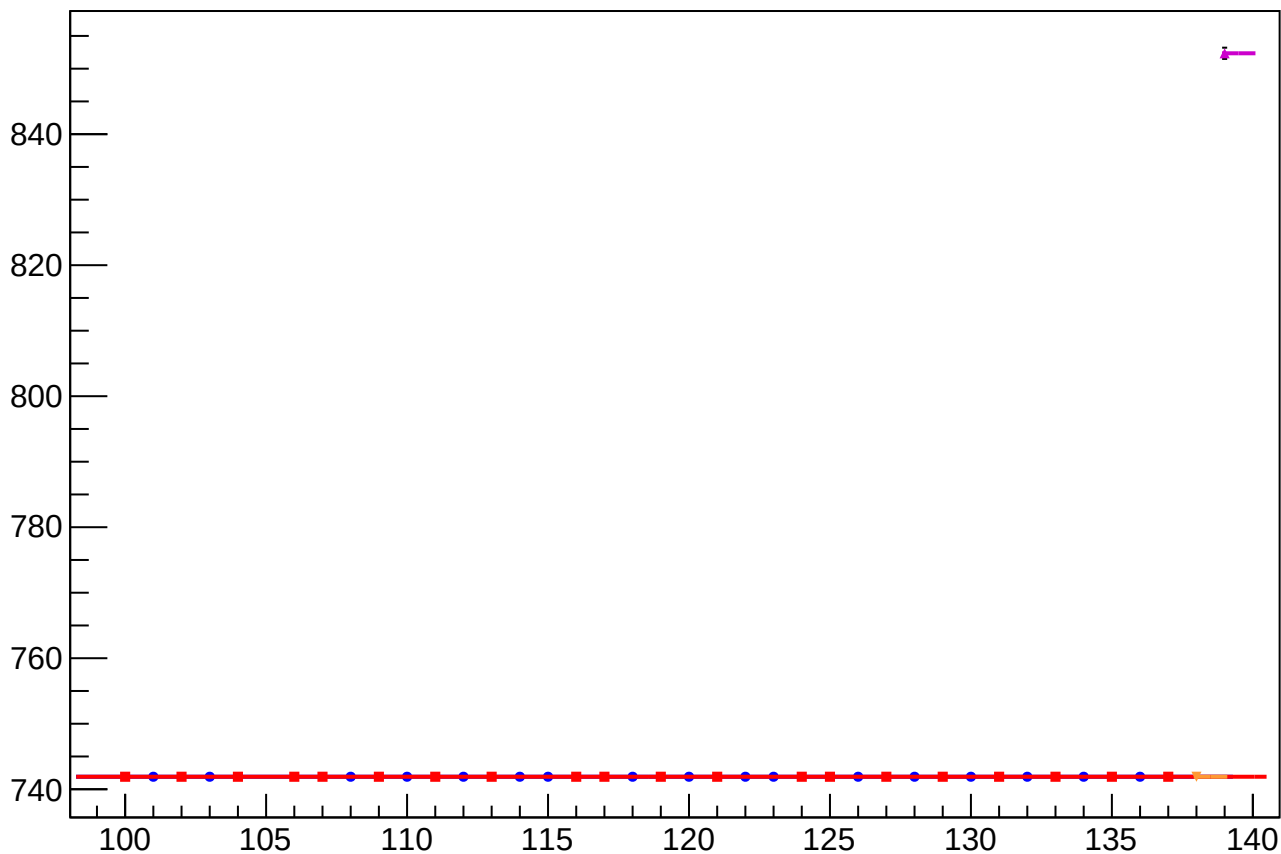
Left In: 1417.164 $\pm$ 1214.358 χ^2 /NDF: 0.0/0

365.387 $\pm$ 206.432 χ^2 /NDF: 0.0/17

0.165 $\pm$ 141.114 χ^2 /NDF: 8.0/38

-320.202 $\pm$ 193.340 χ^2 /NDF: 2.1/20

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 741.907 $\pm$ 0.150 χ^2 /NDF: 0.0/16

Left Out: 741.907 $\pm$ 0.619 χ^2 /NDF: 0.0/0

Right Out: 741.907 $\pm$ 0.138 χ^2 /NDF: 0.0/19

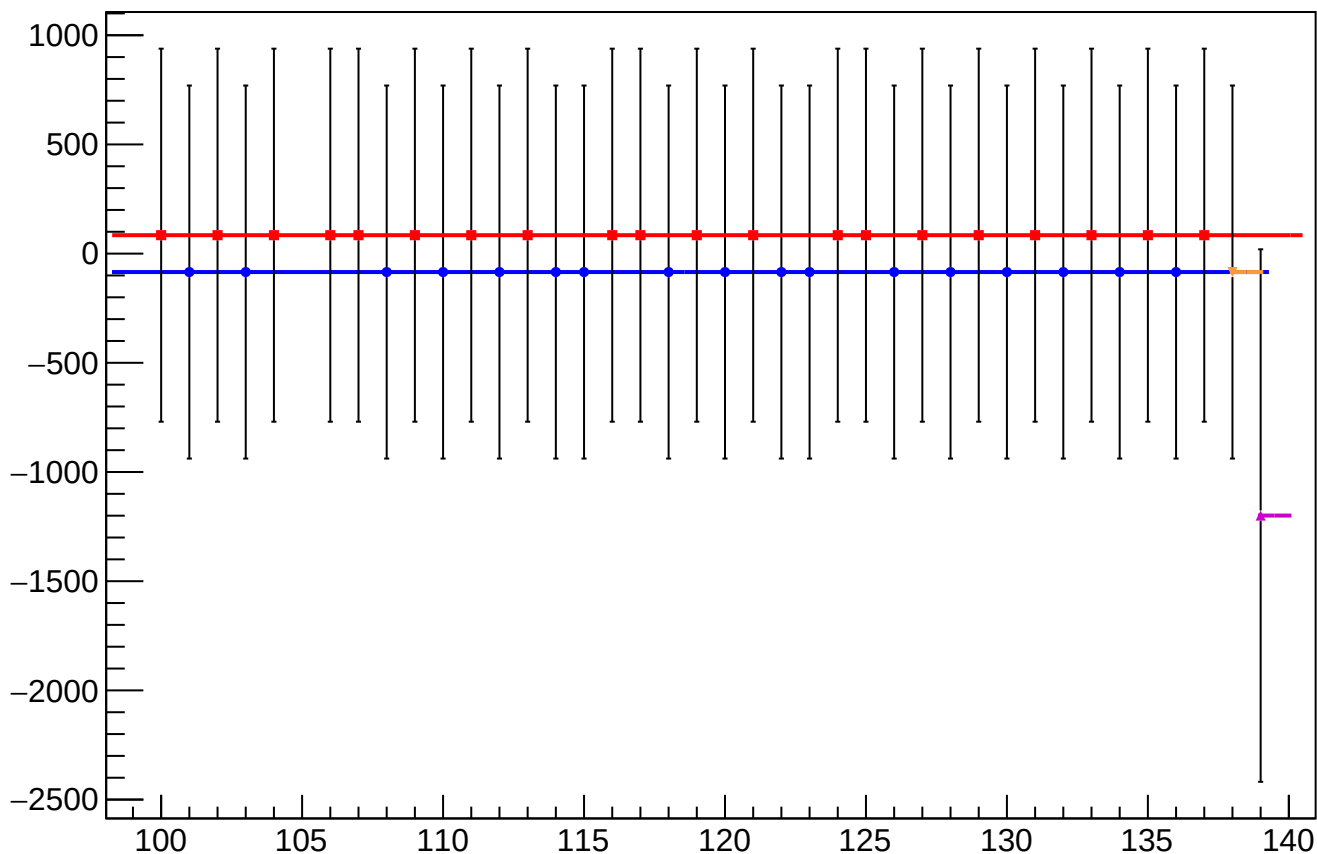
Left In: 852.348 $\pm$ 0.859 χ^2 /NDF: 0.0/0

741.907 $\pm$ 0.146 χ^2 /NDF: 0.0/17

743.399 $\pm$ 0.100 χ^2 /NDF: 16318.7/38

744.707 $\pm$ 0.137 χ^2 /NDF: 16122.8/20

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: -84.386 ± 207.148 χ^2/NDF : 0.0/16

Left Out: -84.386 ± 854.095 χ^2/NDF : 0.0/0

Right Out: 84.386 ± 190.981 χ^2/NDF : 0.0/19

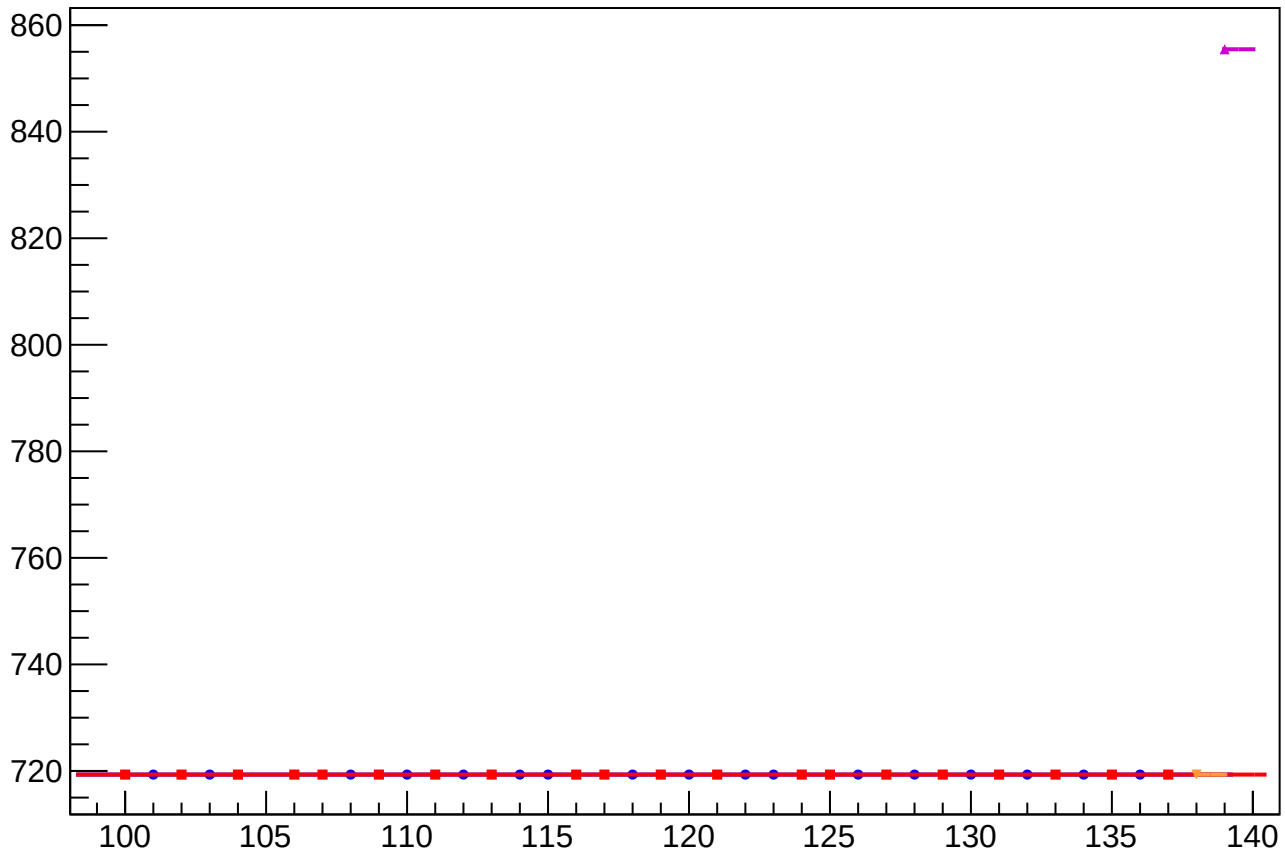
Left In: -1199.459 ± 1219.130 χ^2/NDF : 0.0/0

-84.386 ± 201.312 χ^2/NDF : 0.0/17

-10.910 ± 137.666 χ^2/NDF : 1.3/38

53.635 ± 188.680 χ^2/NDF : 1.1/20

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 719.321 $\pm$ 0.146 χ^2/NDF : 0.0/16

Left Out: 719.321 $\pm$ 0.604 χ^2/NDF : 0.0/0

Right Out: 719.321 $\pm$ 0.135 χ^2/NDF : 0.0/19

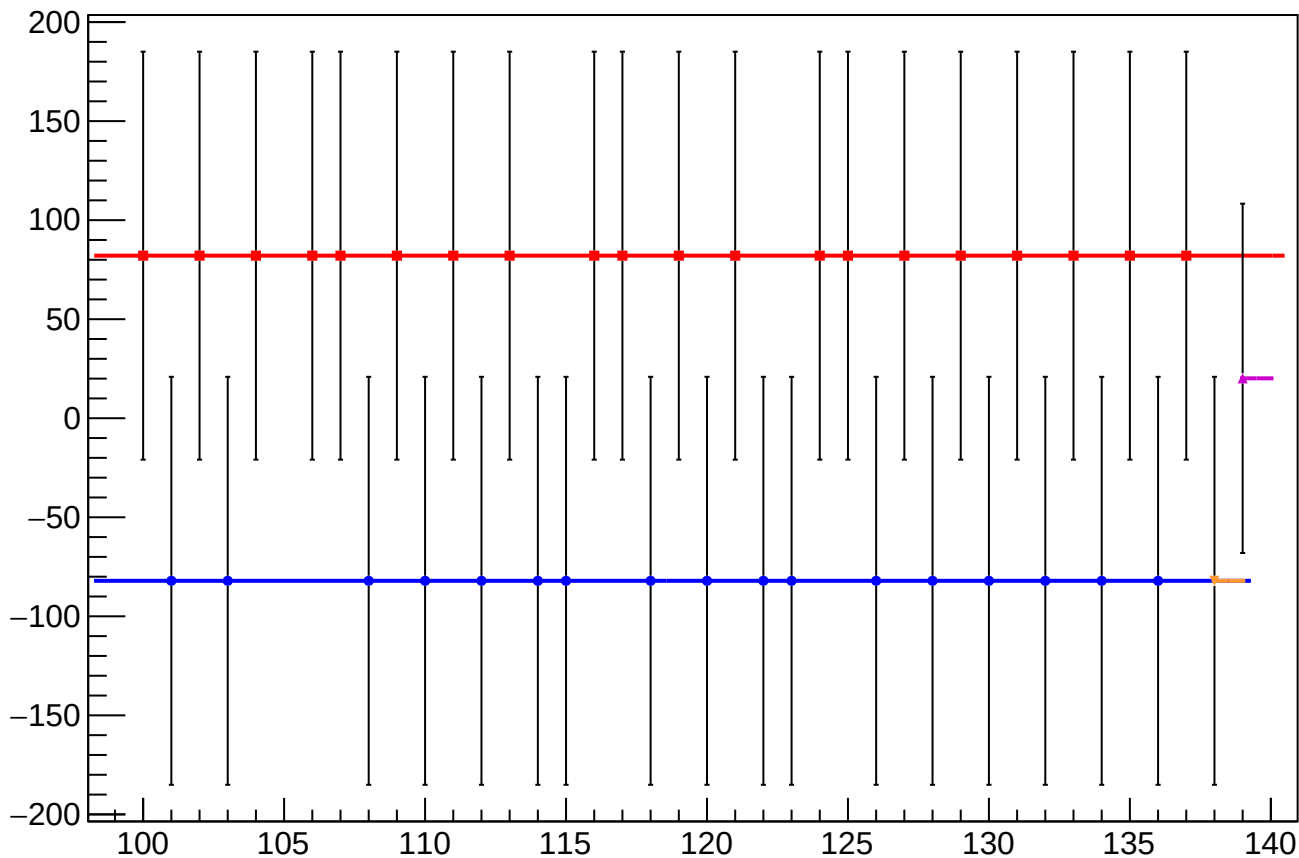
Left In: 855.473 $\pm$ 0.862 χ^2/NDF : 0.0/0

719.321 $\pm$ 0.142 χ^2/NDF : 0.0/17

721.057 $\pm$ 0.097 χ^2/NDF : 24626.8/38

722.582 $\pm$ 0.133 χ^2/NDF : 24347.3/20

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -82.077 ± 24.977 χ^2/NDF : 0.0/16

Left Out: -82.077 ± 102.982 χ^2/NDF : 0.0/0

Right Out: 82.077 ± 23.028 χ^2/NDF : 0.0/19

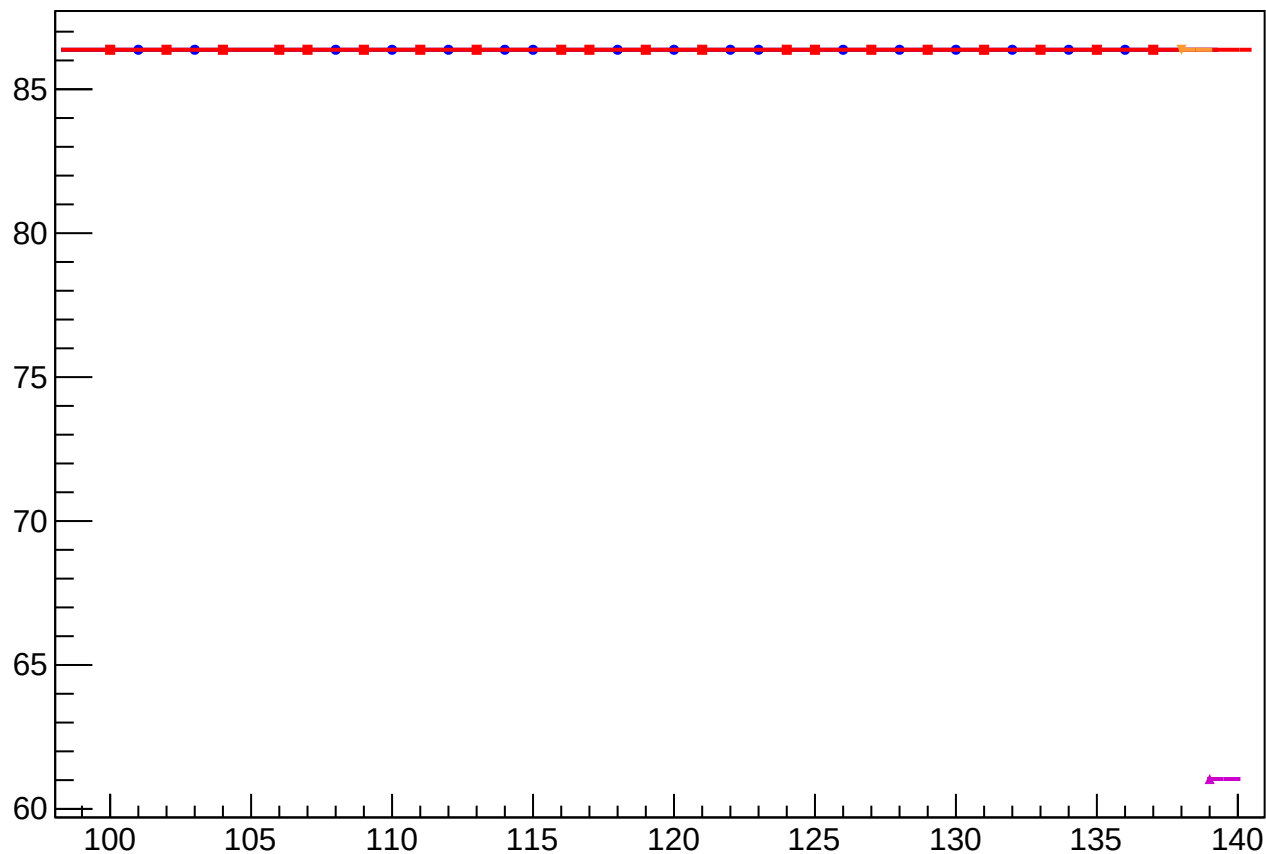
Left In: 20.141 ± 88.186 χ^2/NDF : 0.0/0

-82.077 ± 24.273 χ^2/NDF : 0.0/17

4.868 ± 16.414 χ^2/NDF : 24.1/38

78.123 ± 22.280 χ^2/NDF : 0.5/20

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 86.371 $\pm$ 0.018 χ^2 /NDF: 0.0/16

Left Out: 86.371 $\pm$ 0.073 χ^2 /NDF: 0.0/0

Right Out: 86.371 $\pm$ 0.016 χ^2 /NDF: 0.0/19

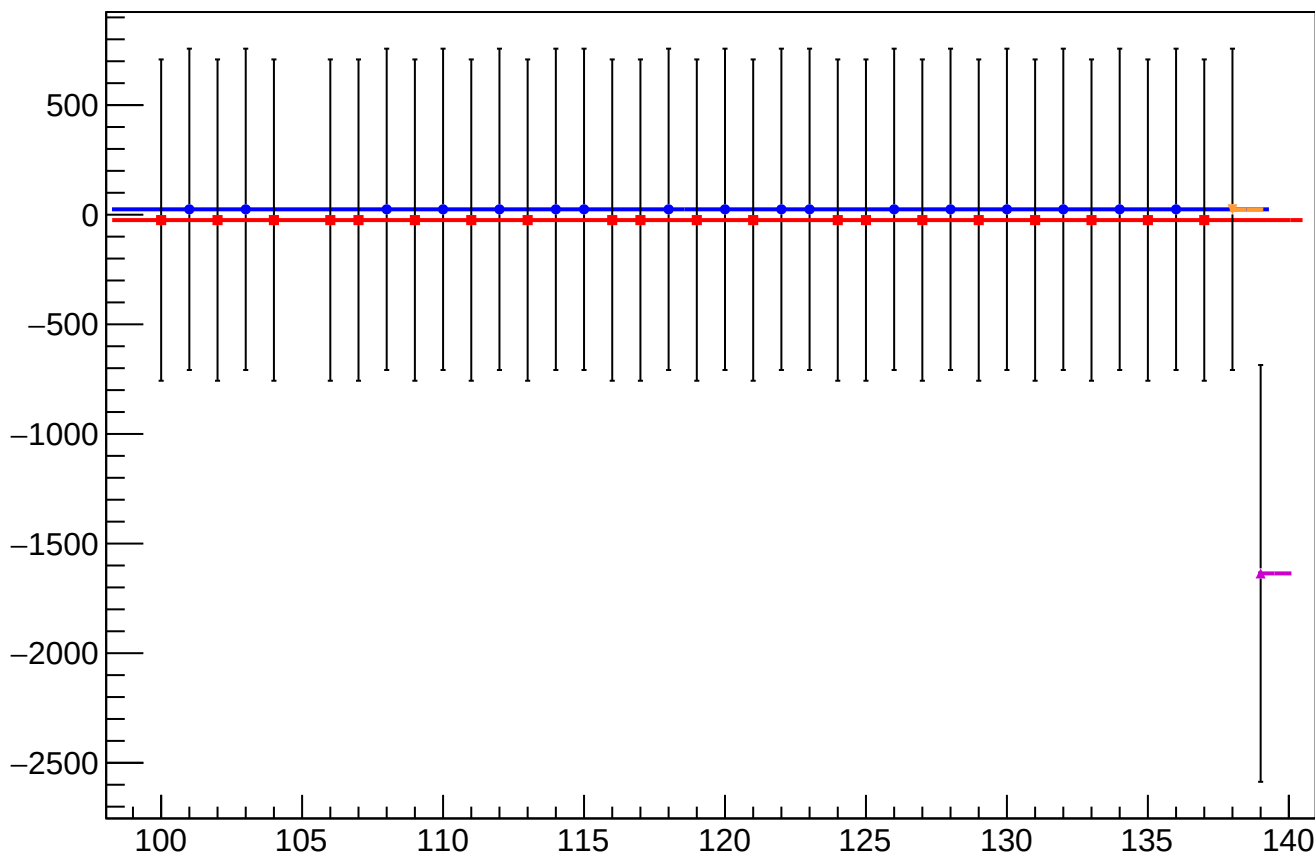
Left In: 61.039 $\pm$ 0.062 χ^2 /NDF: 0.0/0

86.371 $\pm$ 0.017 χ^2 /NDF: 0.0/17

85.494 $\pm$ 0.012 χ^2 /NDF: 159314.5/38

84.754 $\pm$ 0.016 χ^2 /NDF: 154497.4/20

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 24.540 $\pm$ 177.726 χ^2 /NDF: 0.0/16

Left Out: 24.540 $\pm$ 732.784 χ^2 /NDF:0.0/0

Right Out: -24.540 $\pm$ 163.856 χ^2 /NDF: 0.0/19

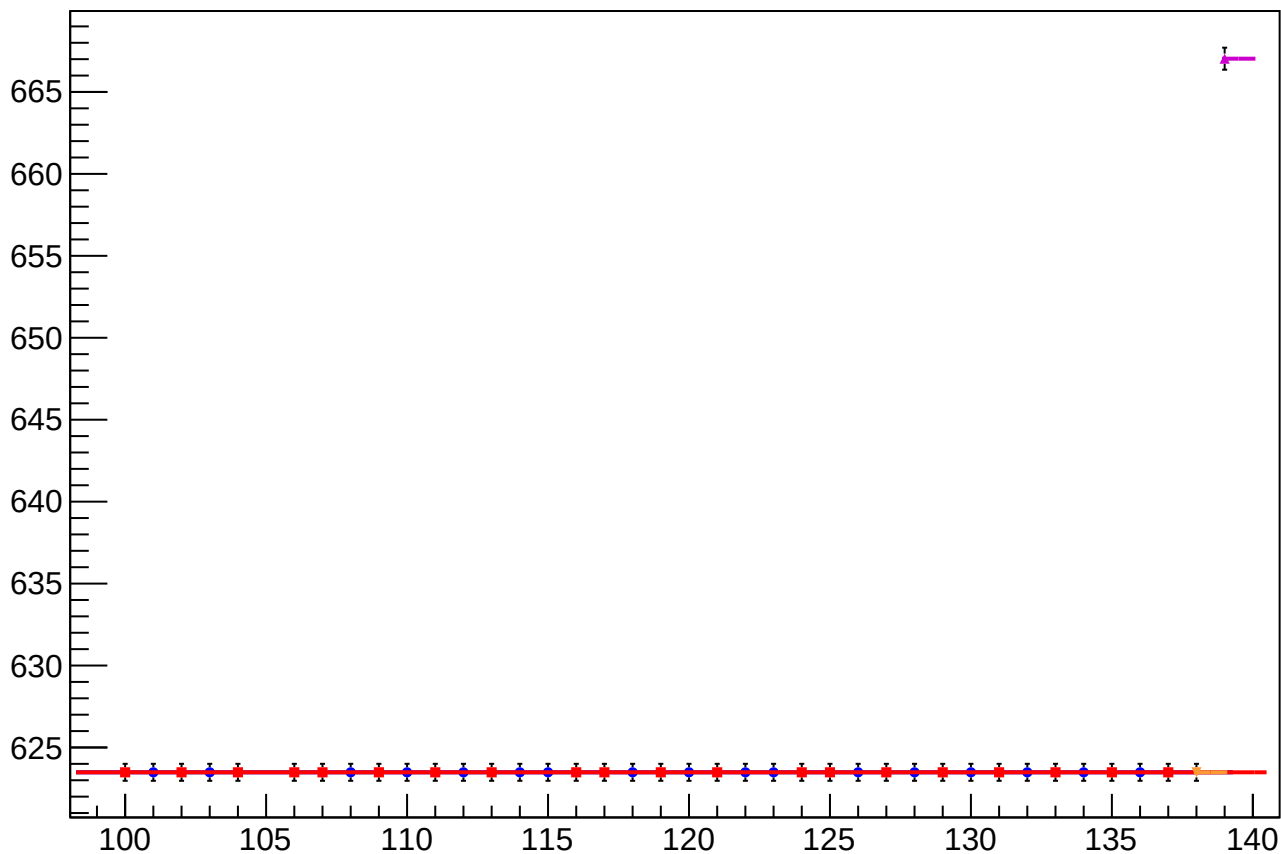
Left In: -1636.103 $\pm$ 950.482 χ^2 /NDF:0.0/0

24.540 $\pm$ 172.719 χ^2 /NDF: 0.0/17

-26.469 $\pm$ 117.954 χ^2 /NDF: 3.0/38

-71.052 $\pm$ 161.474 χ^2 /NDF: 2.8/20

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 623.485 $\pm$ 0.126 χ^2 /NDF: 0.0/16

Left Out: 623.485 $\pm$ 0.518 χ^2 /NDF: 0.0/0

Right Out: 623.485 $\pm$ 0.116 χ^2 /NDF: 0.0/19

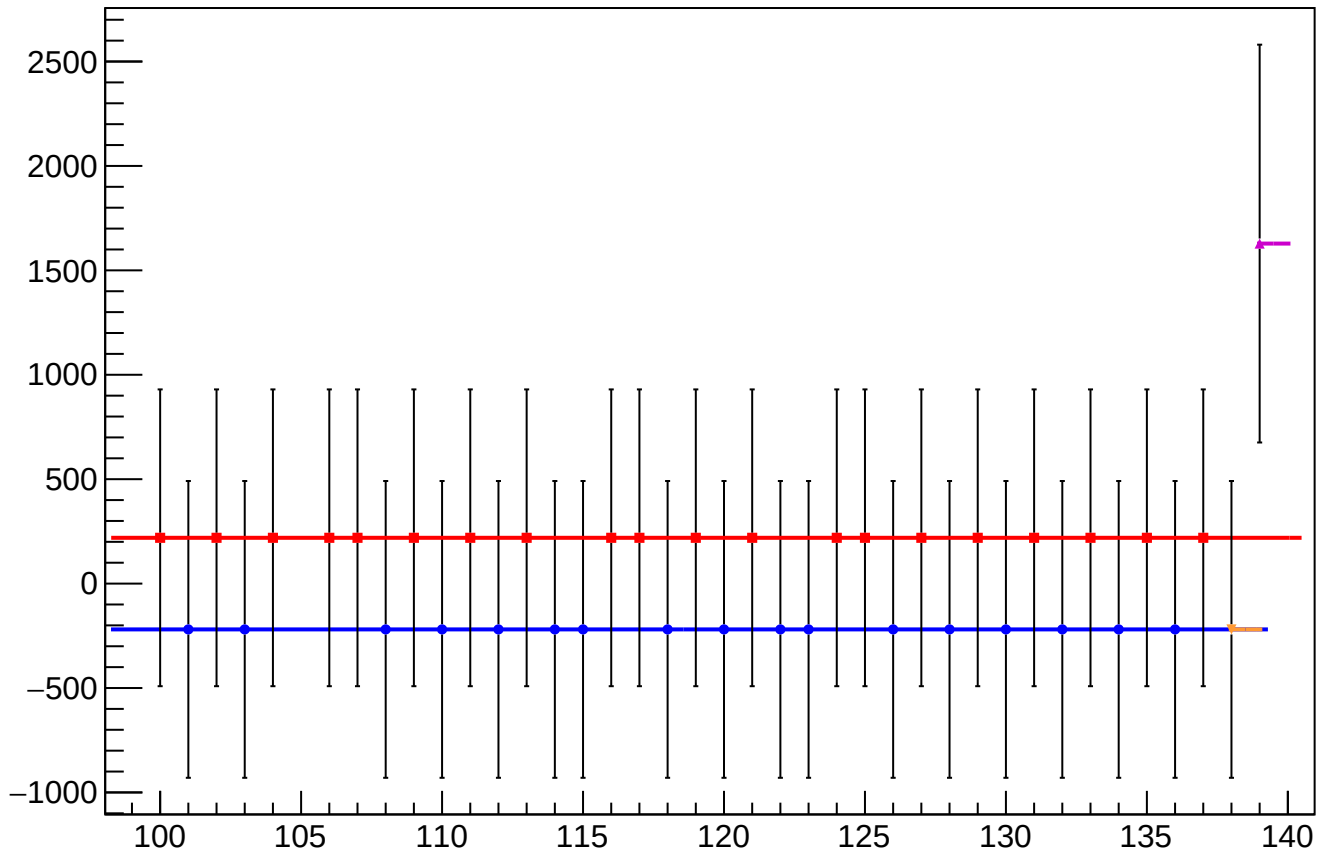
Left In: 667.030 $\pm$ 0.672 χ^2 /NDF: 0.0/0

623.485 $\pm$ 0.122 χ^2 /NDF: 0.0/17

624.155 $\pm$ 0.083 χ^2 /NDF: 4133.2/38

624.741 $\pm$ 0.114 χ^2 /NDF: 4076.7/20

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -219.315+/-172.344 χ^2/NDF : 0.0/16

Left Out: -219.315+/-710.592 χ^2/NDF : 0.0/0

Right Out: 219.315+/-158.893 χ^2/NDF : 0.0/19

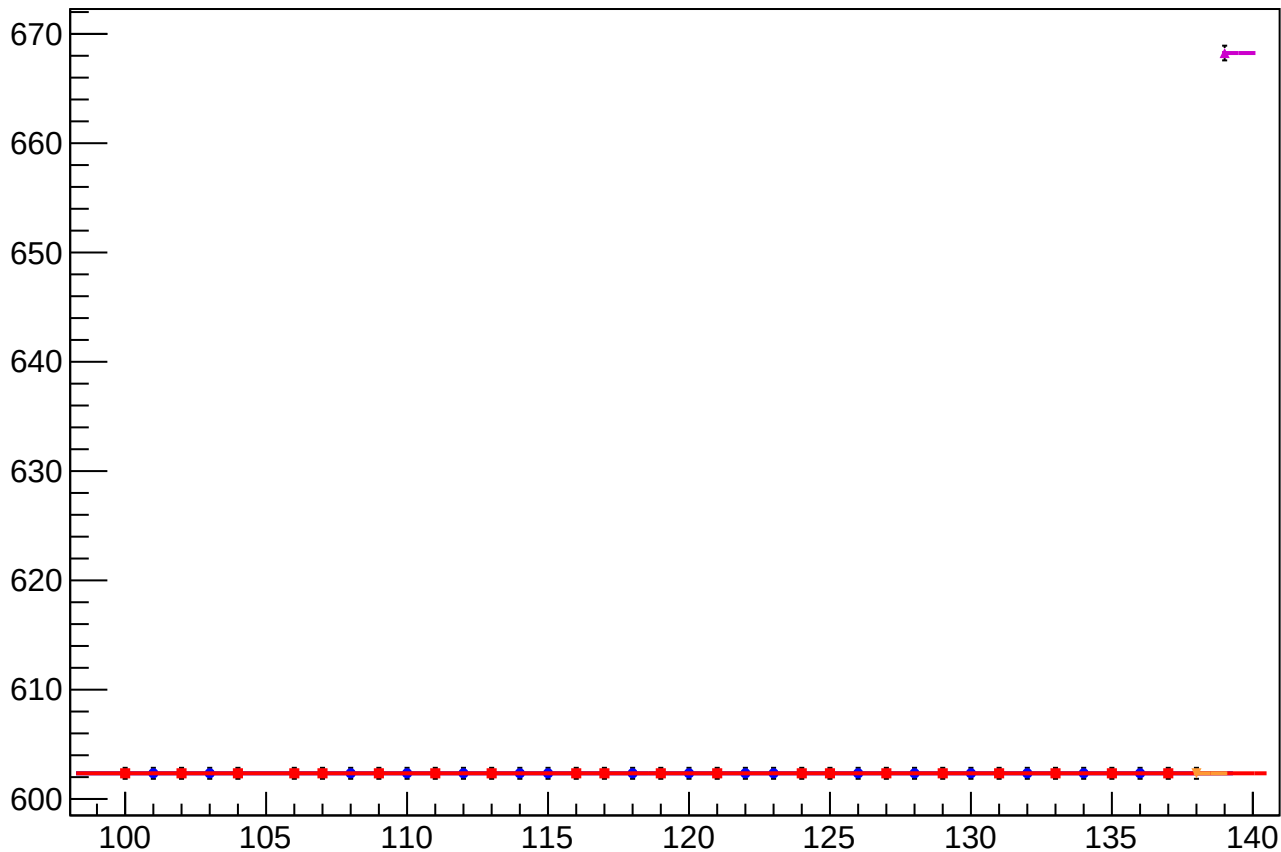
Left In: 1628.196+/-952.488 χ^2/NDF : 0.0/0

-219.315+/-167.488 χ^2/NDF : 0.0/17

34.880+/-114.438 χ^2/NDF : 6.4/38

257.461+/-156.727 χ^2/NDF : 2.1/20

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 602.349 $\pm$ 0.122 χ^2 /NDF: 0.0/16

Left Out: 602.349 $\pm$ 0.502 χ^2 /NDF: 0.0/0

Right Out: 602.349 $\pm$ 0.112 χ^2 /NDF: 0.0/19

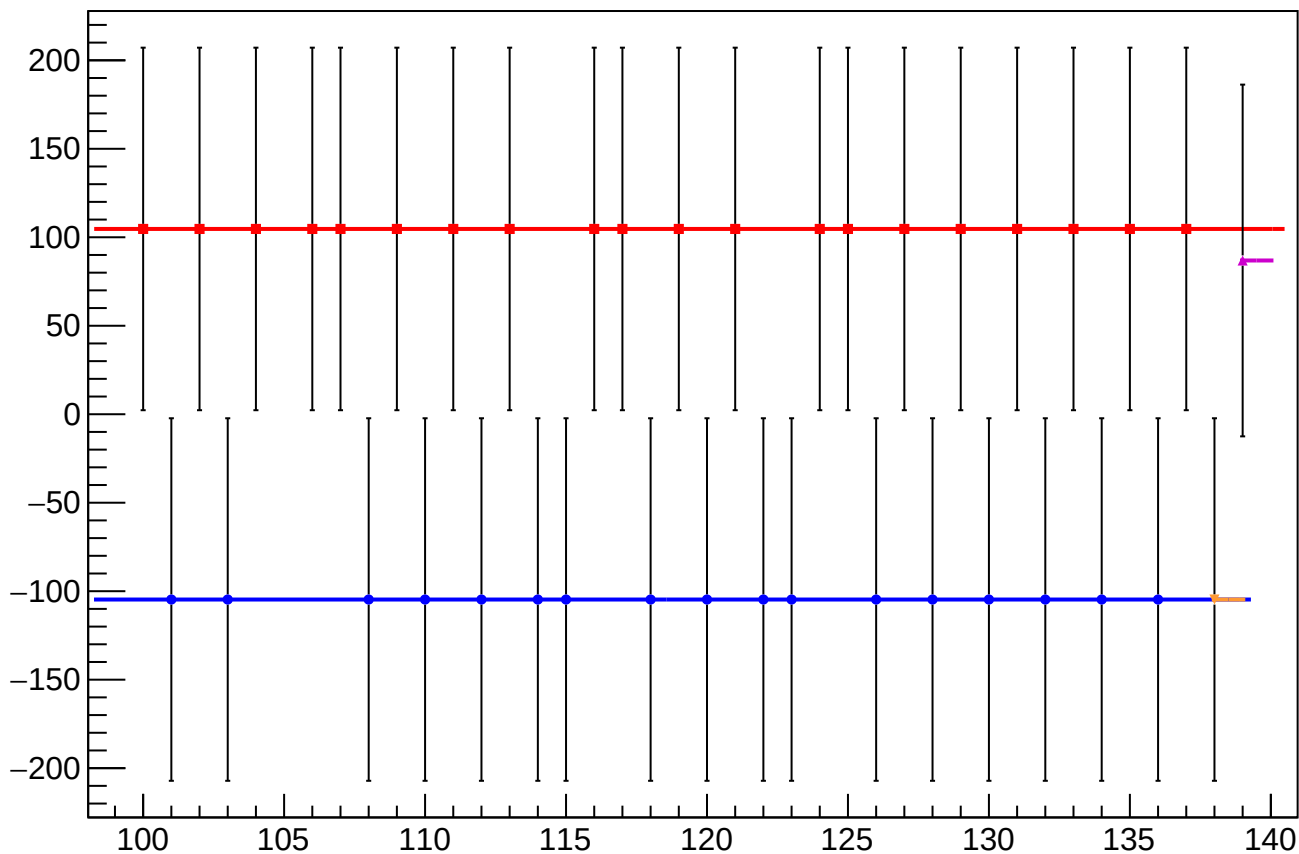
Left In: 668.250 $\pm$ 0.674 χ^2 /NDF: 0.0/0

602.349 $\pm$ 0.118 χ^2 /NDF: 0.0/17

603.300 $\pm$ 0.081 χ^2 /NDF: 9436.1/38

604.133 $\pm$ 0.111 χ^2 /NDF: 9315.1/20

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -104.707 $\pm$ 24.844 χ^2 /NDF: 0.0/16

Left Out: -104.707 $\pm$ 102.434 χ^2 /NDF: 0.0/0

Right Out: 104.707 $\pm$ 22.905 χ^2 /NDF: 0.0/19

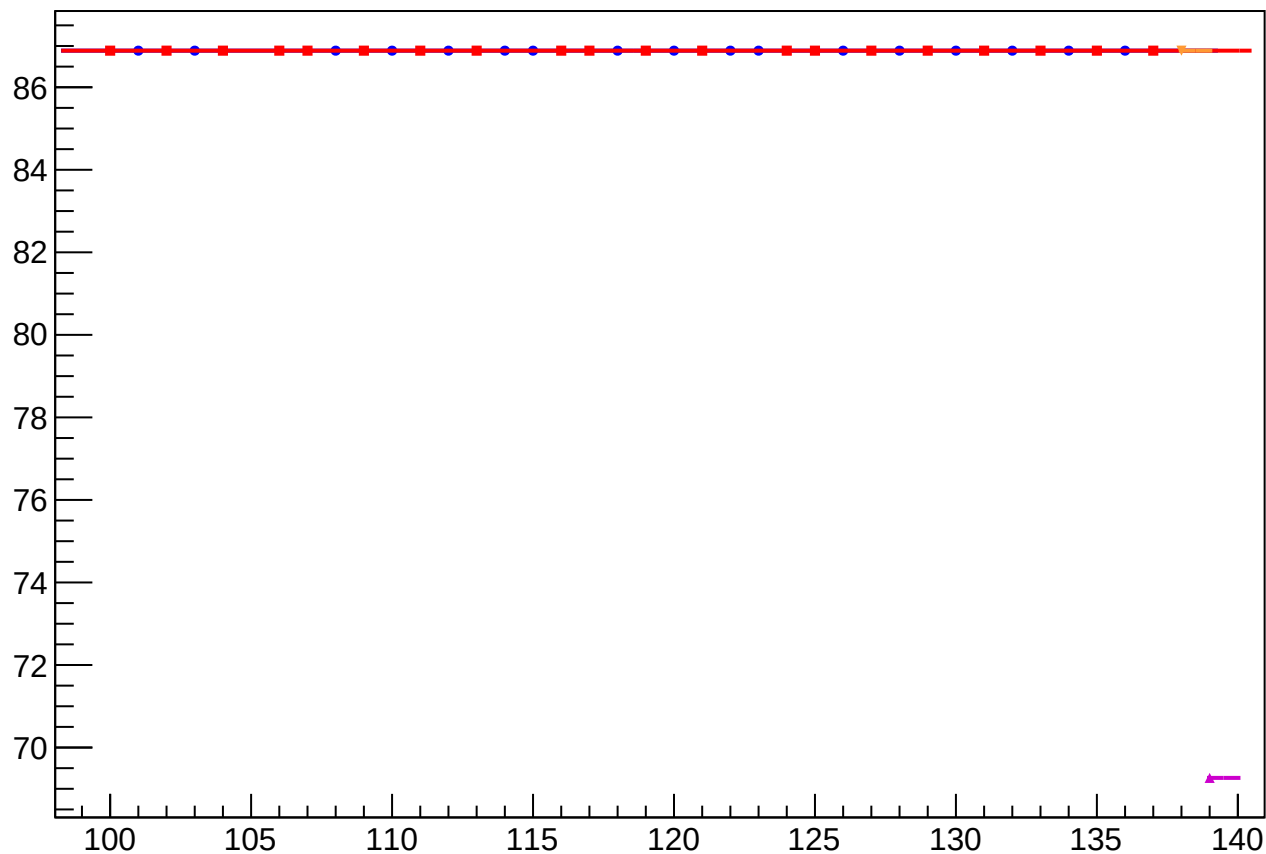
Left In: 86.879 $\pm$ 99.384 χ^2 /NDF: 0.0/0

-104.707 $\pm$ 24.144 χ^2 /NDF: 0.0/17

7.724 $\pm$ 16.389 χ^2 /NDF: 40.2/38

103.808 $\pm$ 22.320 χ^2 /NDF: 0.0/20

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 86.887 $\pm$ 0.018 χ^2 /NDF: 0.0/16

Left Out: 86.887 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Right Out: 86.887 $\pm$ 0.016 χ^2 /NDF: 0.0/19

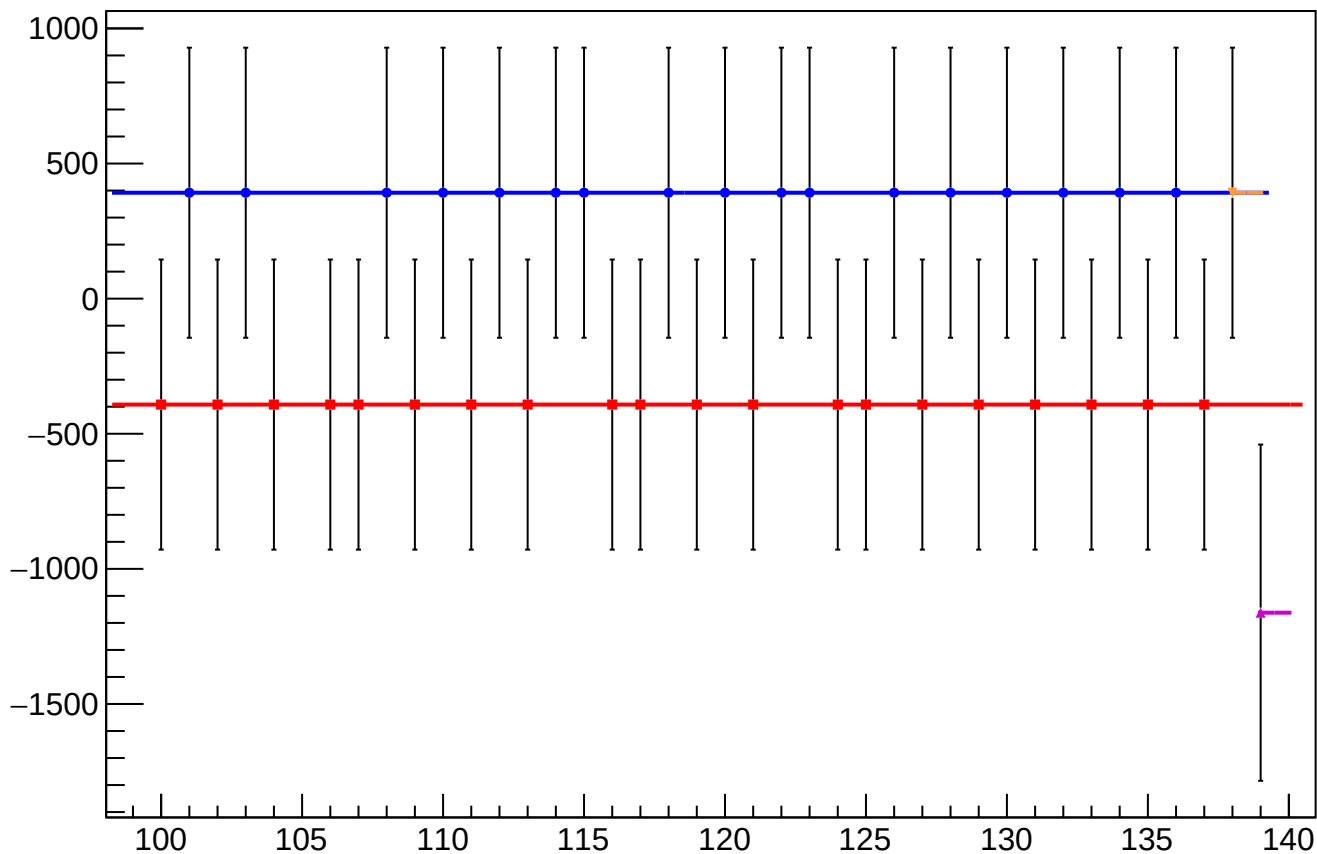
Left In: 69.264 $\pm$ 0.070 χ^2 /NDF: 0.0/0

86.887 $\pm$ 0.017 χ^2 /NDF: 0.0/17

86.408 $\pm$ 0.012 χ^2 /NDF: 61173.1/38

85.998 $\pm$ 0.016 χ^2 /NDF: 59711.6/20

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 392.019+/-130.188 χ^2/NDF : 0.0/16

Left Out: 392.019+/-536.780 χ^2/NDF : 0.0/0

Right Out: -392.019+/-120.028 χ^2/NDF : 0.0/19

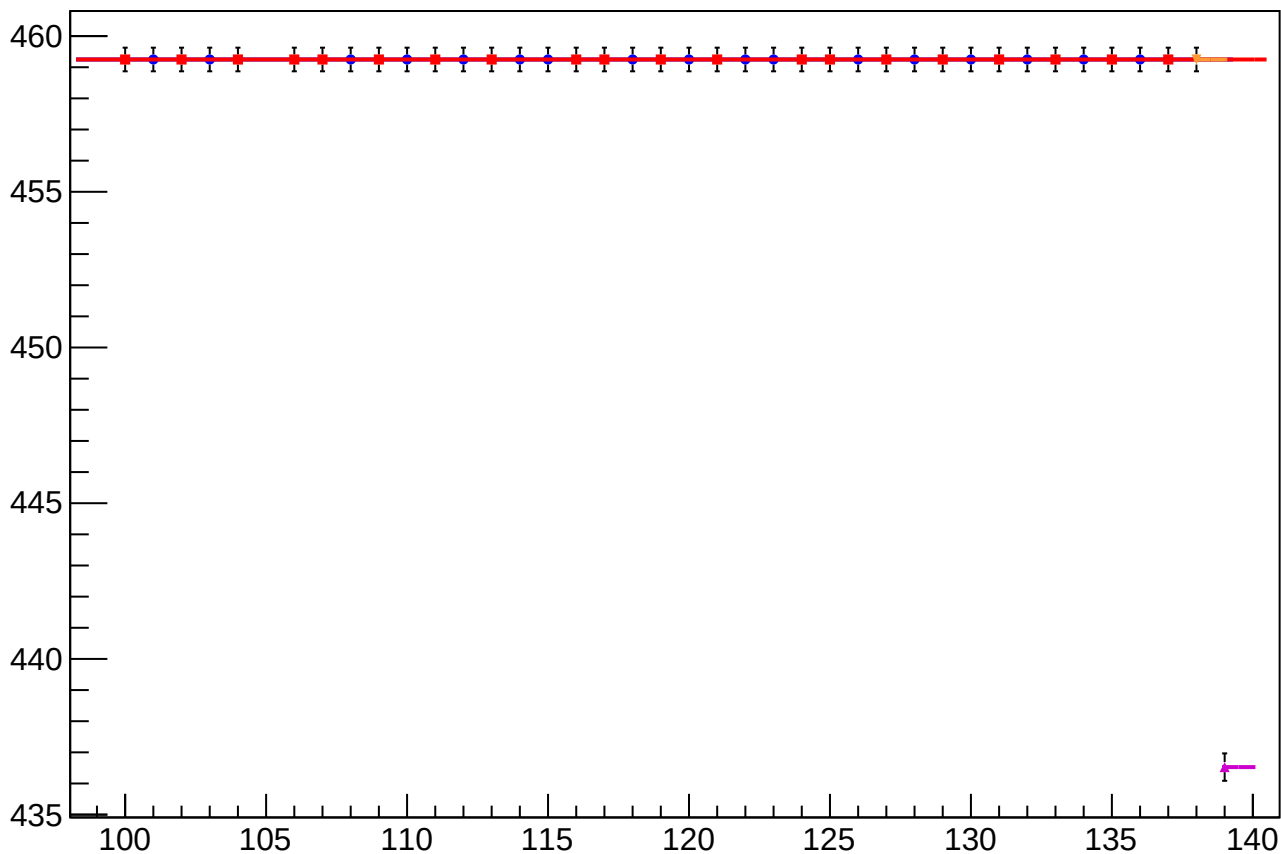
Left In: -1162.165+/-622.120 χ^2/NDF : 0.0/0

392.019+/-126.520 χ^2/NDF : 0.0/17

-42.567+/-86.237 χ^2/NDF : 23.5/38

-419.658+/-117.854 χ^2/NDF : 1.5/20

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 459.249 $\pm$ 0.092 χ^2 /NDF: 0.0/16

Left Out: 459.249 $\pm$ 0.380 χ^2 /NDF: 0.0/0

Right Out: 459.249 $\pm$ 0.085 χ^2 /NDF: 0.0/19

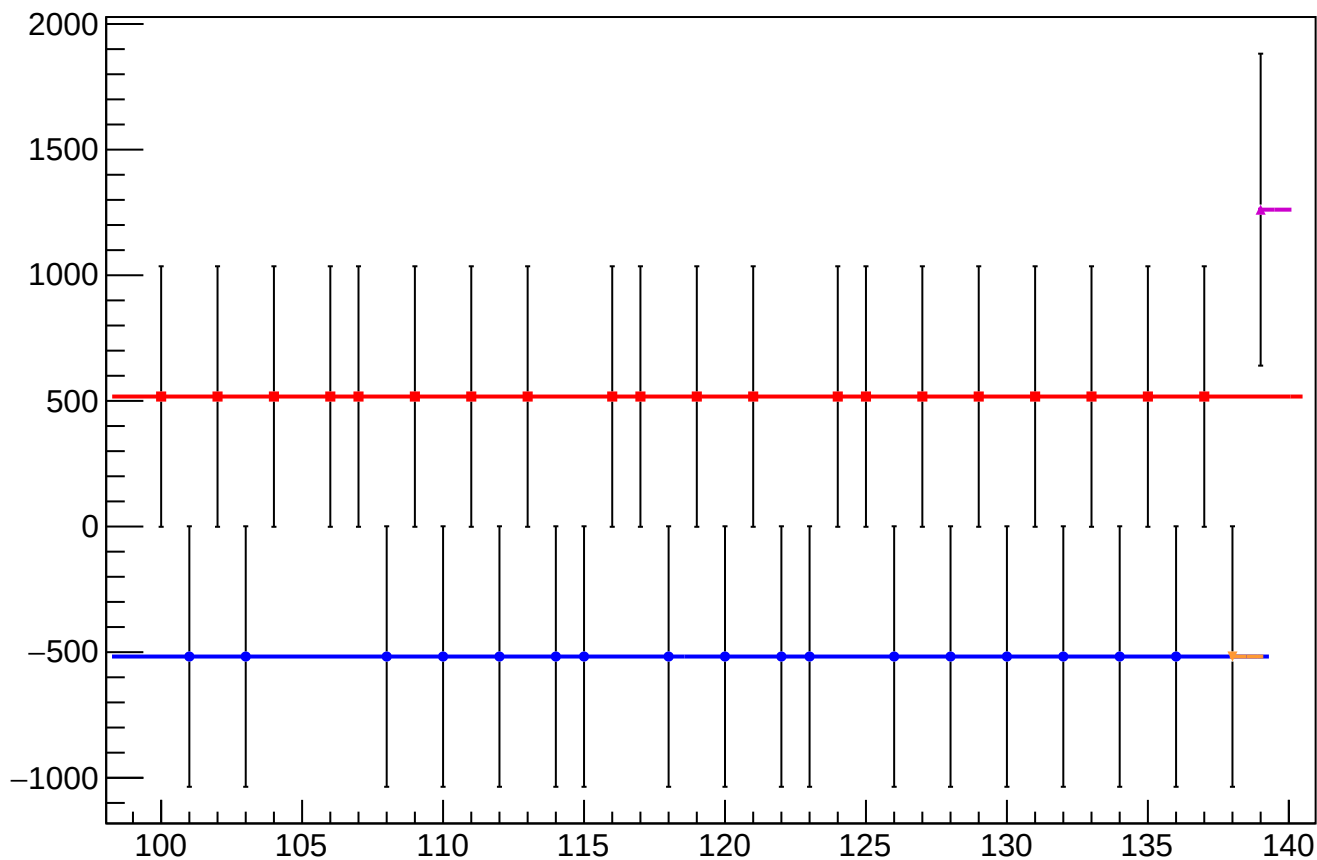
Left In: 436.526 $\pm$ 0.440 χ^2 /NDF: 0.0/0

459.249 $\pm$ 0.089 χ^2 /NDF: 0.0/17

458.812 $\pm$ 0.061 χ^2 /NDF: 2616.8/38

458.433 $\pm$ 0.083 χ^2 /NDF: 2572.3/20

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -517.375 ± 125.736 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -517.375 ± 518.424 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 517.375 ± 115.923 $\chi^2/\text{NDF}: 0.0/19$

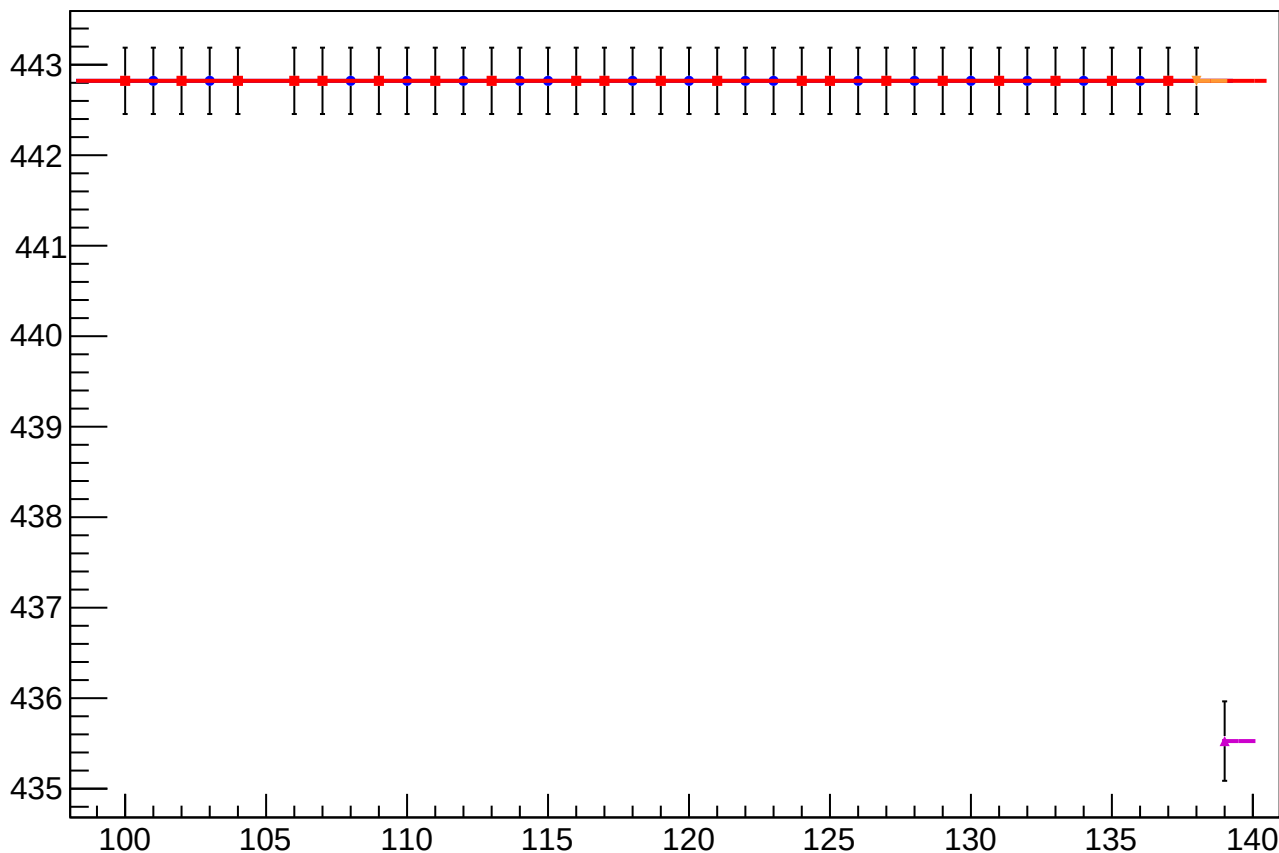
Left In: 1261.116 ± 620.789 $\chi^2/\text{NDF}: 0.0/0$

-517.375 ± 122.194 $\chi^2/\text{NDF}: 0.0/17$

49.467 ± 83.338 $\chi^2/\text{NDF}: 41.6/38$

542.436 ± 113.953 $\chi^2/\text{NDF}: 1.4/20$

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 442.822 $\pm$ 0.089 χ^2 /NDF: 0.0/16

Left Out: 442.822 $\pm$ 0.367 χ^2 /NDF: 0.0/0

Right Out: 442.822 $\pm$ 0.082 χ^2 /NDF: 0.0/19

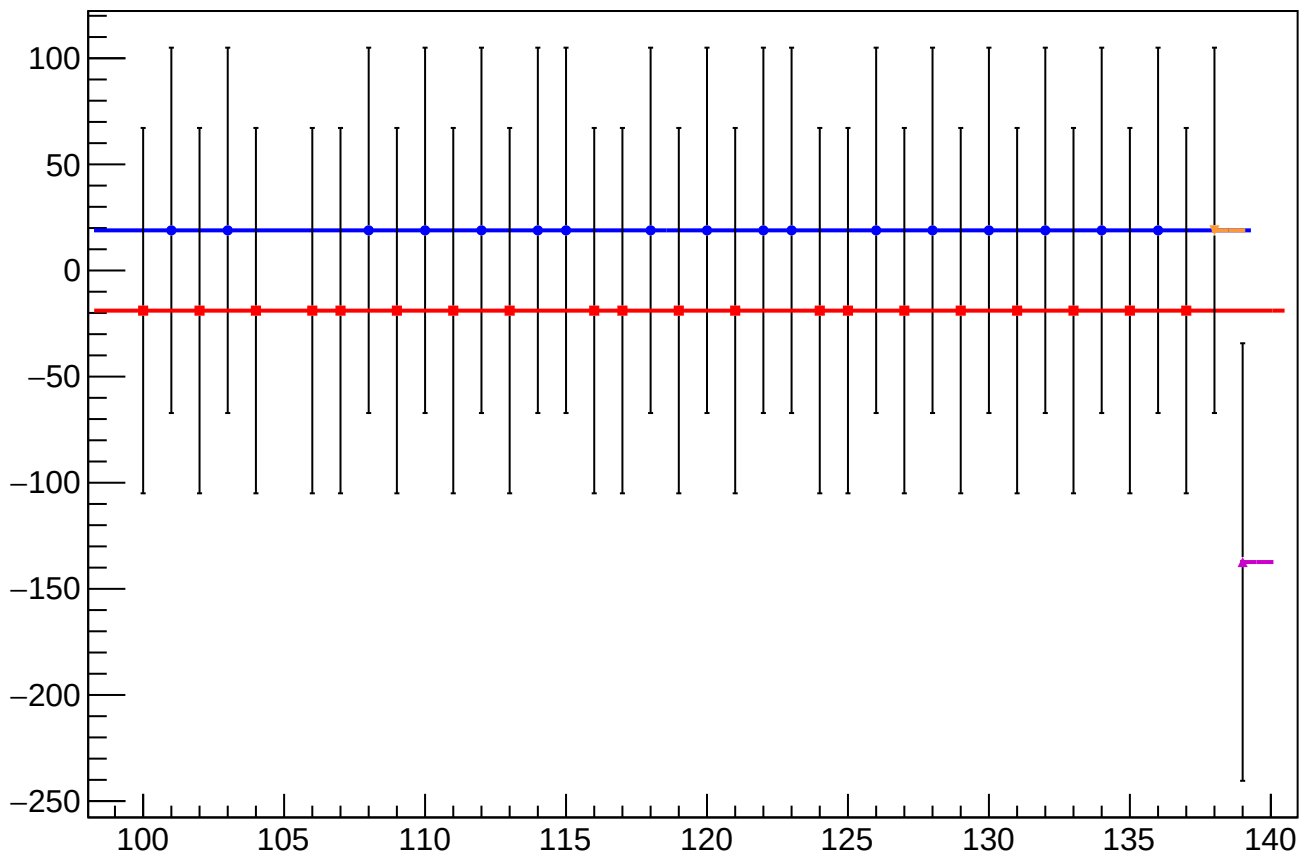
Left In: 435.526 $\pm$ 0.439 χ^2 /NDF: 0.0/0

442.822 $\pm$ 0.086 χ^2 /NDF: 0.0/17

442.690 $\pm$ 0.059 χ^2 /NDF: 271.3/38

442.576 $\pm$ 0.081 χ^2 /NDF: 266.9/20

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 18.911 $\pm$ 20.877 χ^2 /NDF: 0.0/16

Left Out: 18.911 $\pm$ 86.076 χ^2 /NDF:0.0/0

Right Out: -18.911 $\pm$ 19.247 χ^2 /NDF: 0.0/19

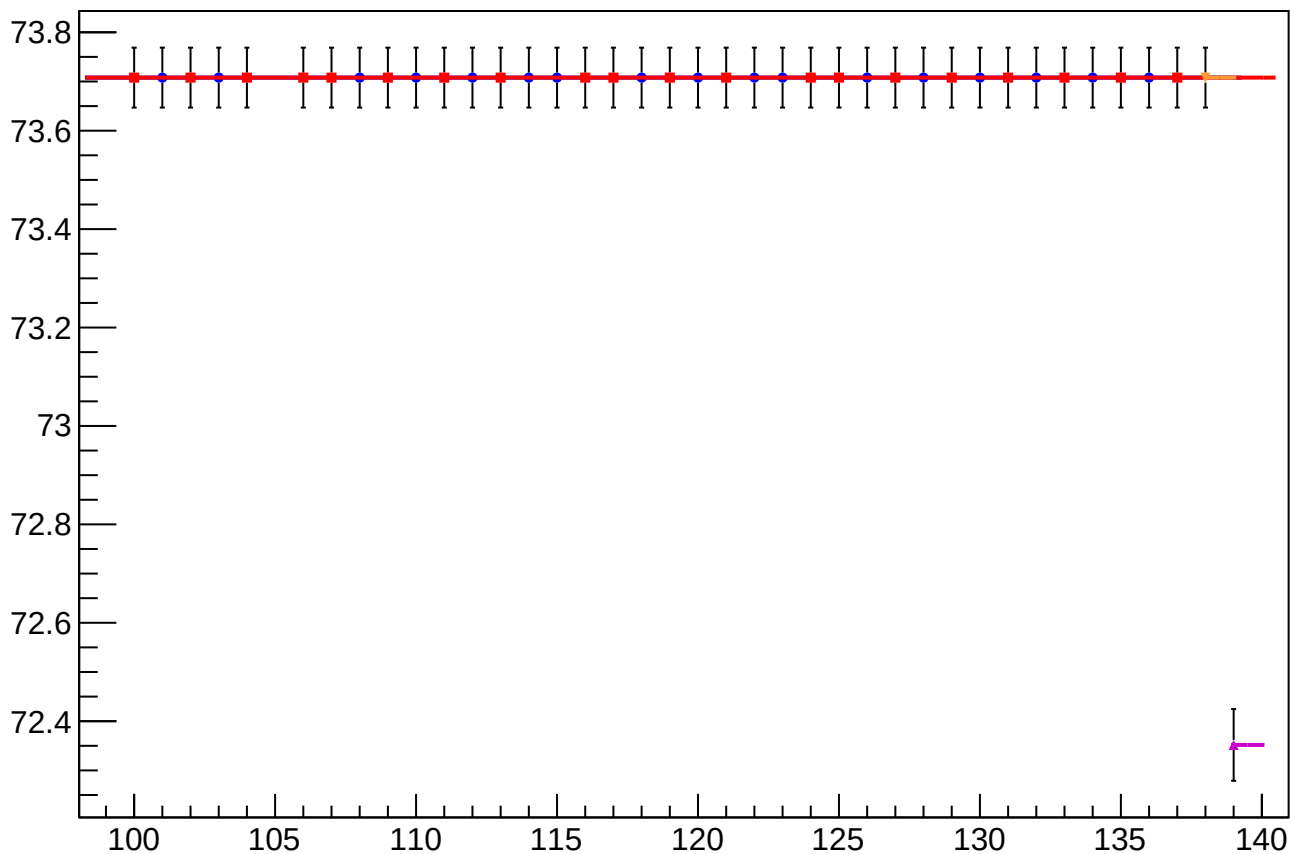
Left In: -137.364 $\pm$ 103.076 χ^2 /NDF:0.0/0

18.911 $\pm$ 20.288 χ^2 /NDF: 0.0/17

-3.453 $\pm$ 13.837 χ^2 /NDF: 3.5/38

-22.902 $\pm$ 18.920 χ^2 /NDF: 1.3/20

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 73.708 $\pm$ 0.015 χ^2 /NDF: 0.0/16

Left Out: 73.708 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Right Out: 73.708 $\pm$ 0.014 χ^2 /NDF: 0.0/19

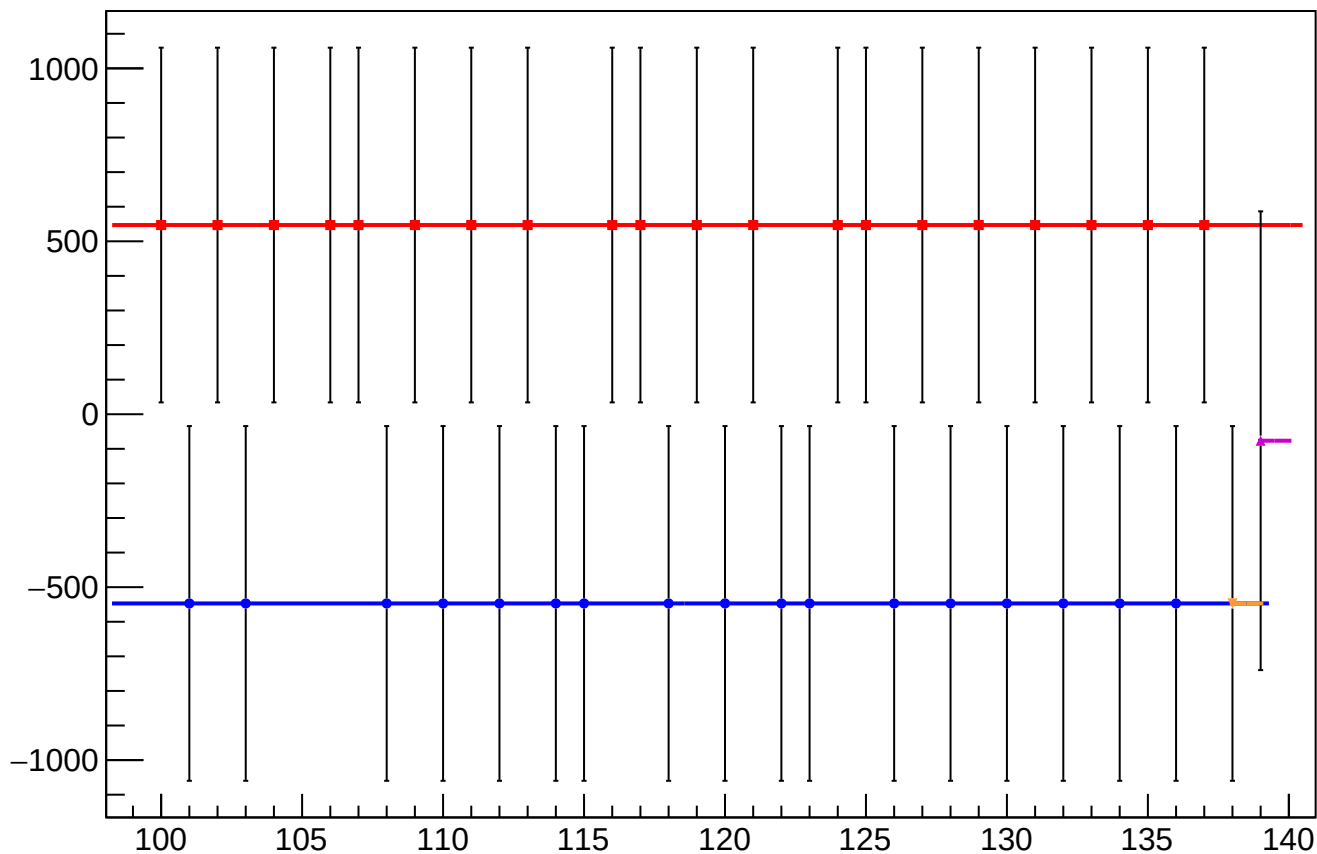
Left In: 72.352 $\pm$ 0.073 χ^2 /NDF: 0.0/0

73.708 $\pm$ 0.014 χ^2 /NDF: 0.0/17

73.683 $\pm$ 0.010 χ^2 /NDF: 339.9/38

73.662 $\pm$ 0.013 χ^2 /NDF: 334.5/20

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -547.029 ± 124.372 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -547.029 ± 512.798 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 547.029 ± 114.665 $\chi^2/\text{NDF}: 0.0/19$

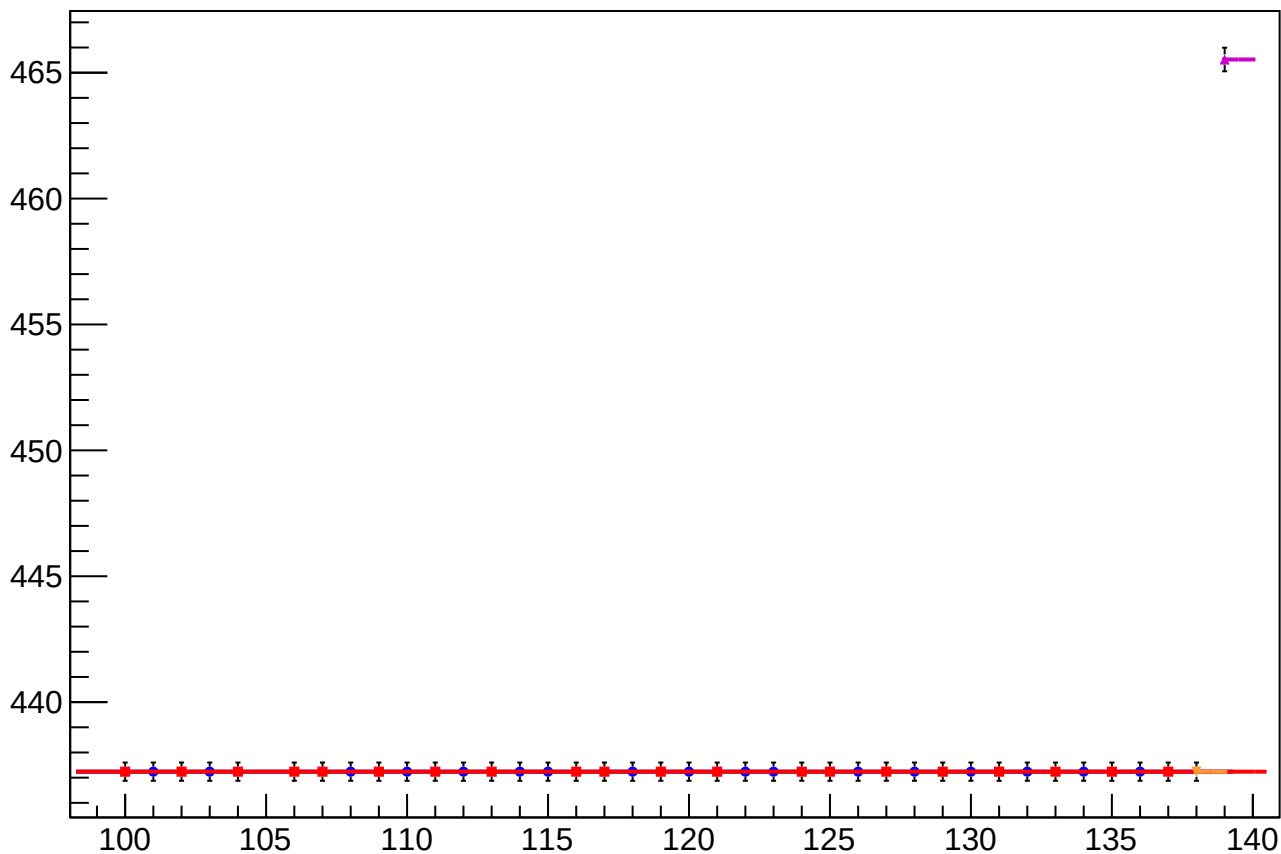
Left In: -76.589 ± 663.212 $\chi^2/\text{NDF}: 0.0/0$

-547.029 ± 120.868 $\chi^2/\text{NDF}: 0.0/17$

27.159 ± 82.540 $\chi^2/\text{NDF}: 43.1/38$

528.929 ± 112.989 $\chi^2/\text{NDF}: 0.9/20$

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 437.238 $\pm$ 0.088 χ^2 /NDF: 0.0/16

Left Out: 437.238 $\pm$ 0.363 χ^2 /NDF: 0.0/0

Right Out: 437.238 $\pm$ 0.081 χ^2 /NDF: 0.0/19

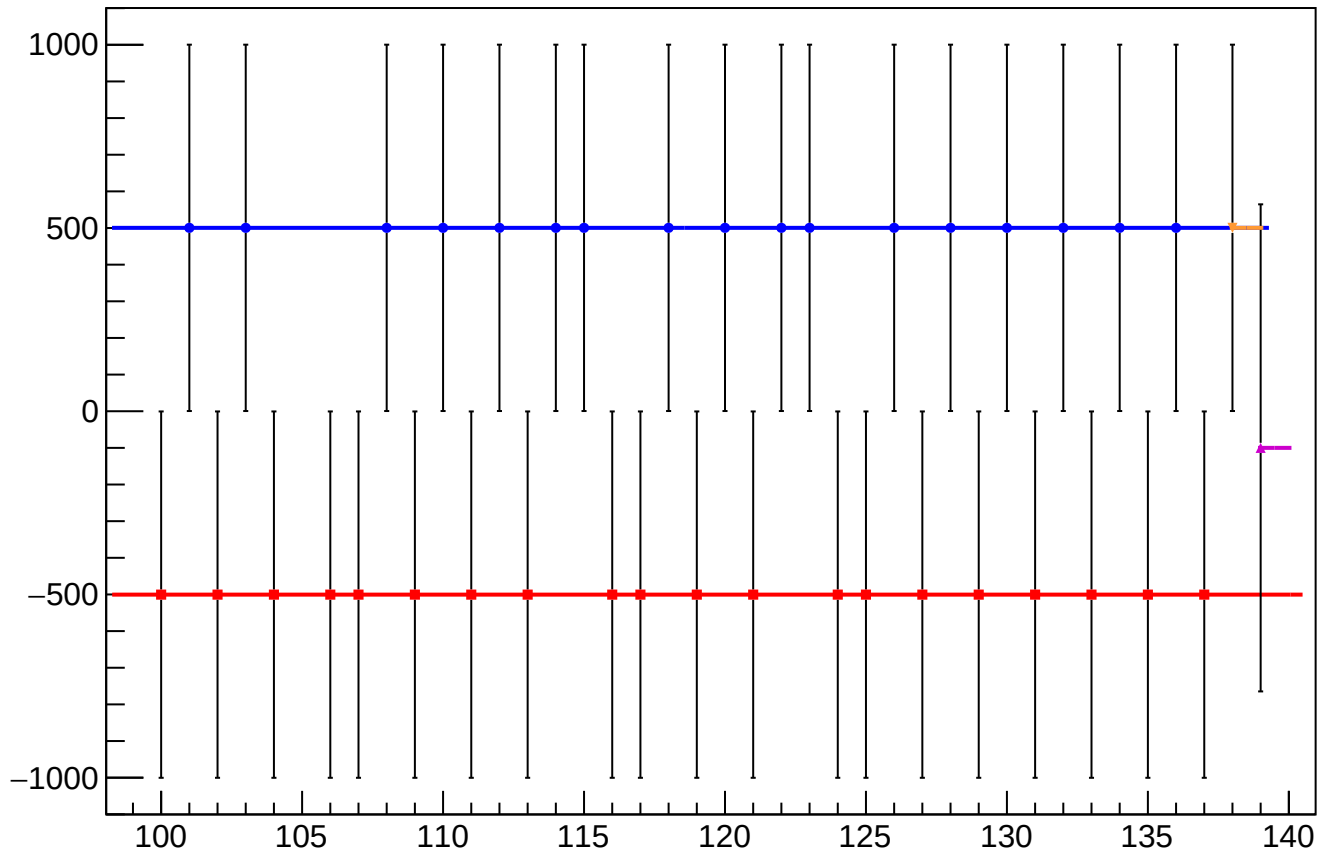
Left In: 465.525 $\pm$ 0.469 χ^2 /NDF: 0.0/0

437.238 $\pm$ 0.085 χ^2 /NDF: 0.0/17

437.677 $\pm$ 0.058 χ^2 /NDF: 3581.8/38

438.059 $\pm$ 0.080 χ^2 /NDF: 3532.5/20

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 500.448 $\pm$ 121.238 χ^2 /NDF: 0.0/16

Left Out: 500.448 $\pm$ 499.876 χ^2 /NDF:0.0/0

Right Out: -500.448 $\pm$ 111.776 χ^2 /NDF: 0.0/19

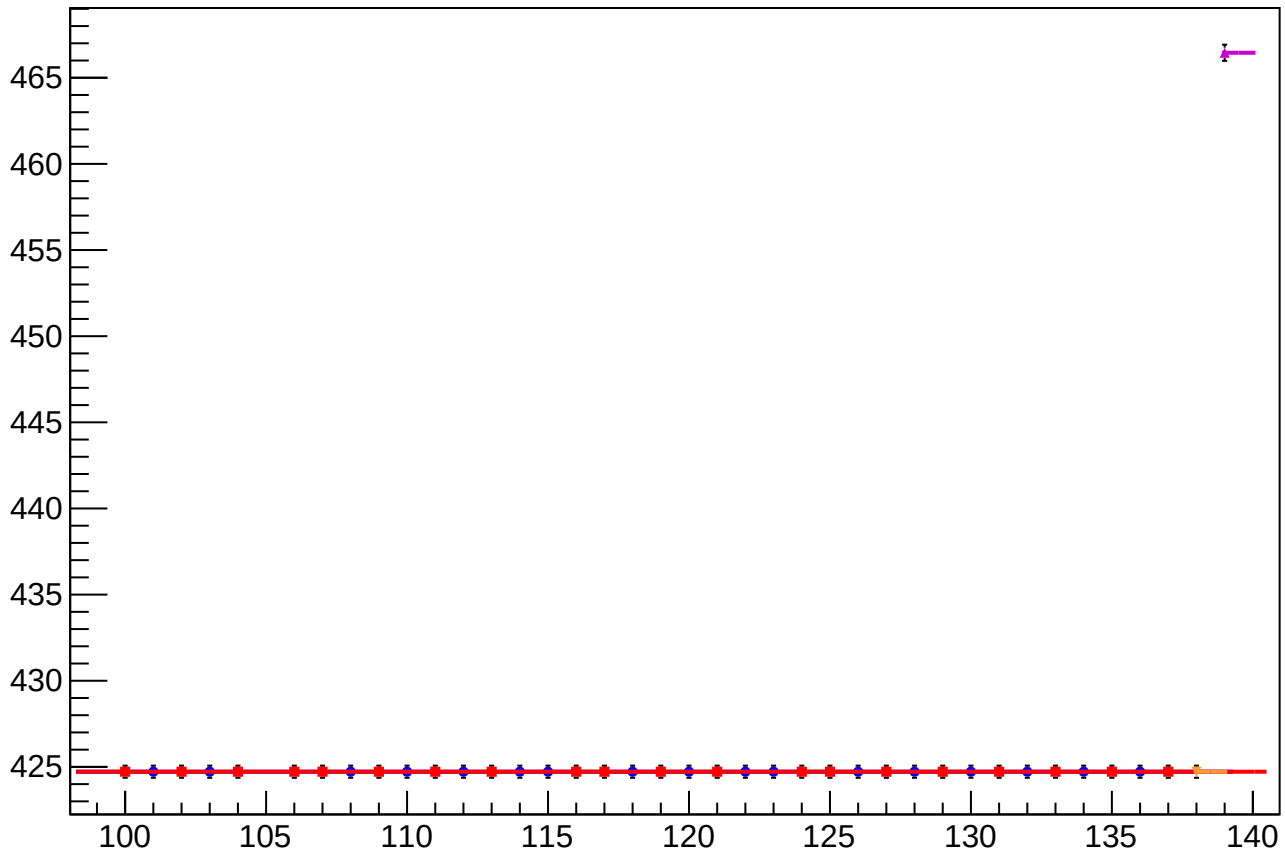
Left In: -99.983 $\pm$ 664.612 χ^2 /NDF:0.0/0

500.448 $\pm$ 117.822 χ^2 /NDF: 0.0/17

-27.420 $\pm$ 80.494 χ^2 /NDF: 38.0/38

-489.432 $\pm$ 110.228 χ^2 /NDF: 0.4/20

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 424.721 $\pm$ 0.086 χ^2 /NDF: 0.0/16

Left Out: 424.721 $\pm$ 0.353 χ^2 /NDF: 0.0/0

Right Out: 424.721 $\pm$ 0.079 χ^2 /NDF: 0.0/19

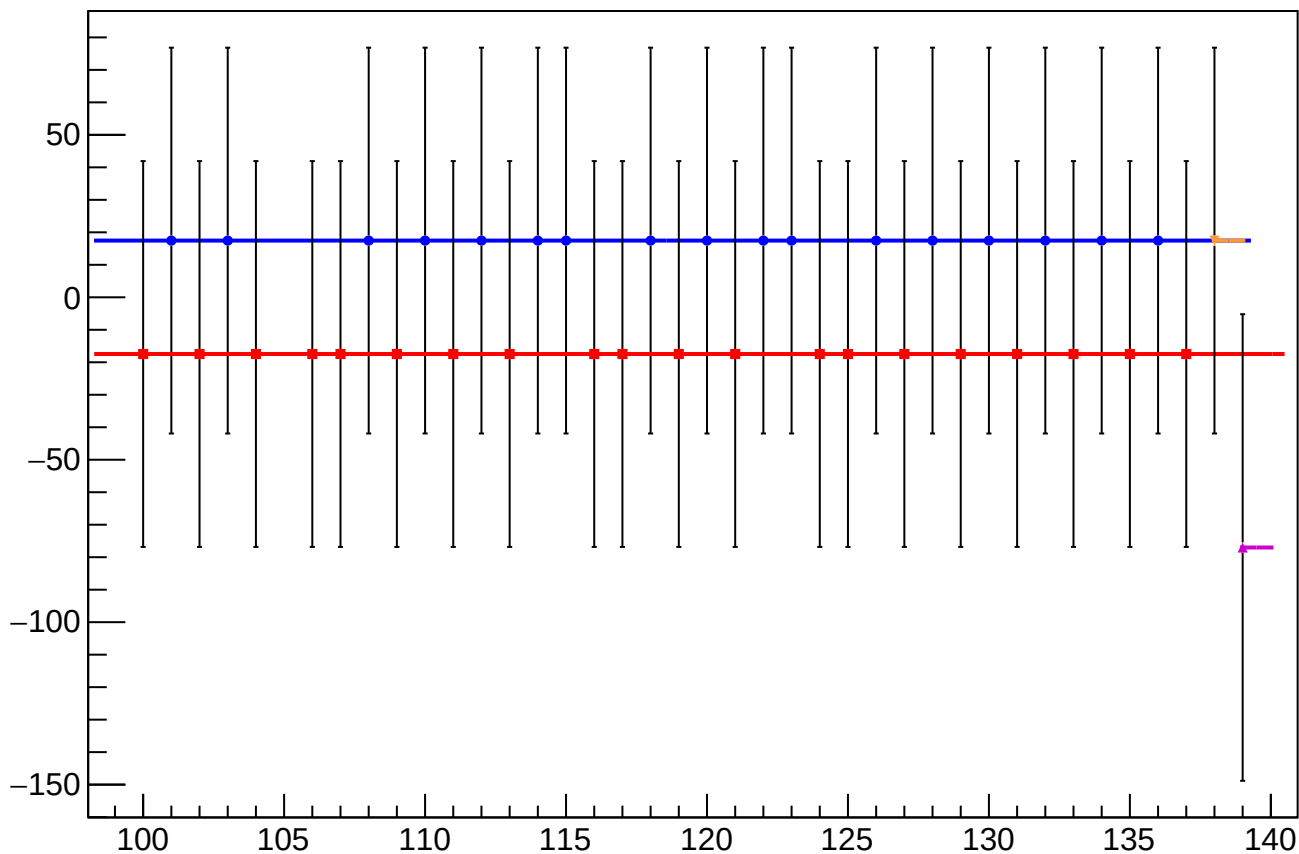
Left In: 466.450 $\pm$ 0.470 χ^2 /NDF: 0.0/0

424.721 $\pm$ 0.083 χ^2 /NDF: 0.0/17

425.333 $\pm$ 0.057 χ^2 /NDF: 7768.9/38

425.868 $\pm$ 0.078 χ^2 /NDF: 7667.7/20

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 17.458 $\pm$ 14.401 χ^2 /NDF: 0.0/16

Left Out: 17.458 $\pm$ 59.378 χ^2 /NDF:0.0/0

Right Out: -17.458 $\pm$ 13.277 χ^2 /NDF: 0.0/19

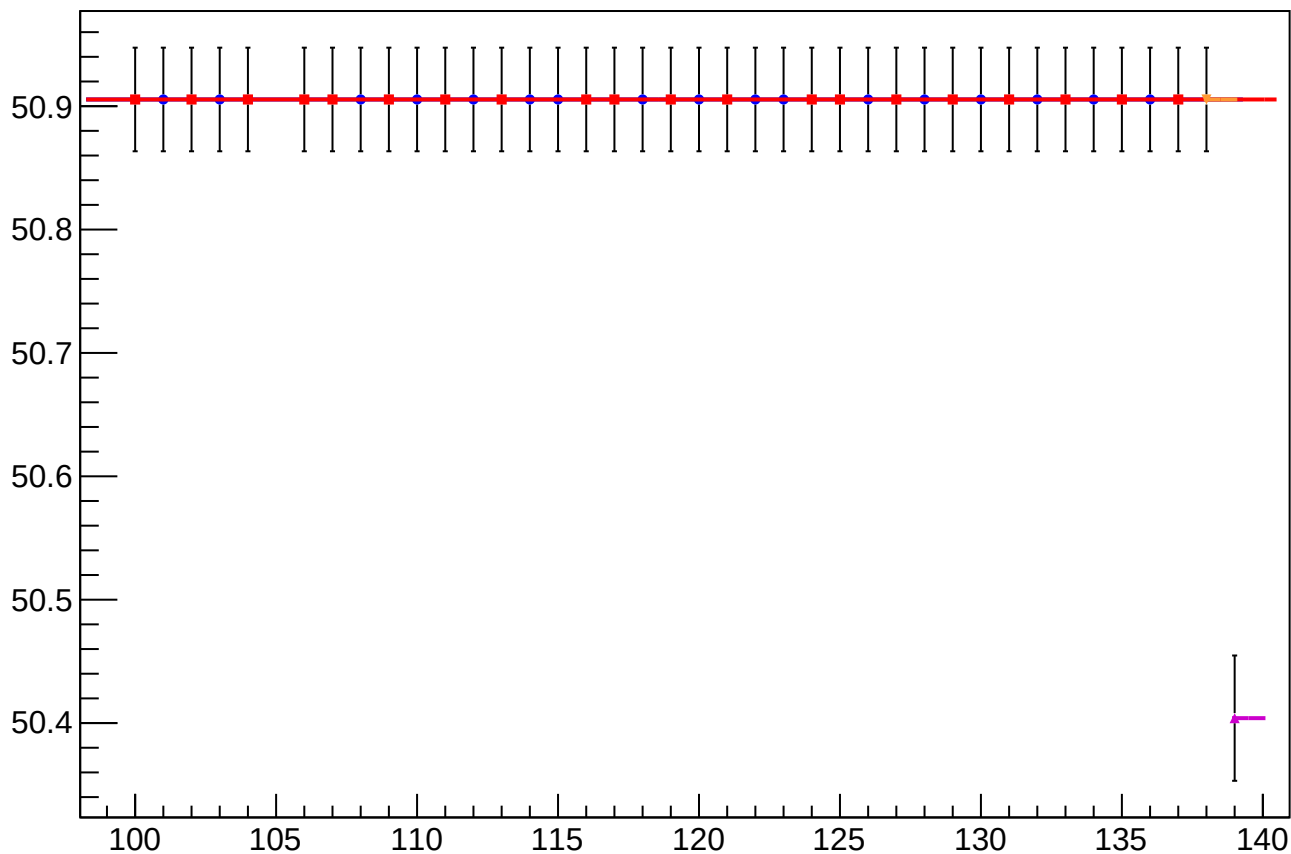
Left In: -77.015 $\pm$ 71.808 χ^2 /NDF:0.0/0

17.458 $\pm$ 13.996 χ^2 /NDF: 0.0/17

-2.264 $\pm$ 9.547 χ^2 /NDF: 4.4/38

-19.427 $\pm$ 13.056 χ^2 /NDF: 0.7/20

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 50.905 $\pm$ 0.010 χ^2 /NDF: 0.0/16

Left Out: 50.905 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Right Out: 50.905 $\pm$ 0.009 χ^2 /NDF: 0.0/19

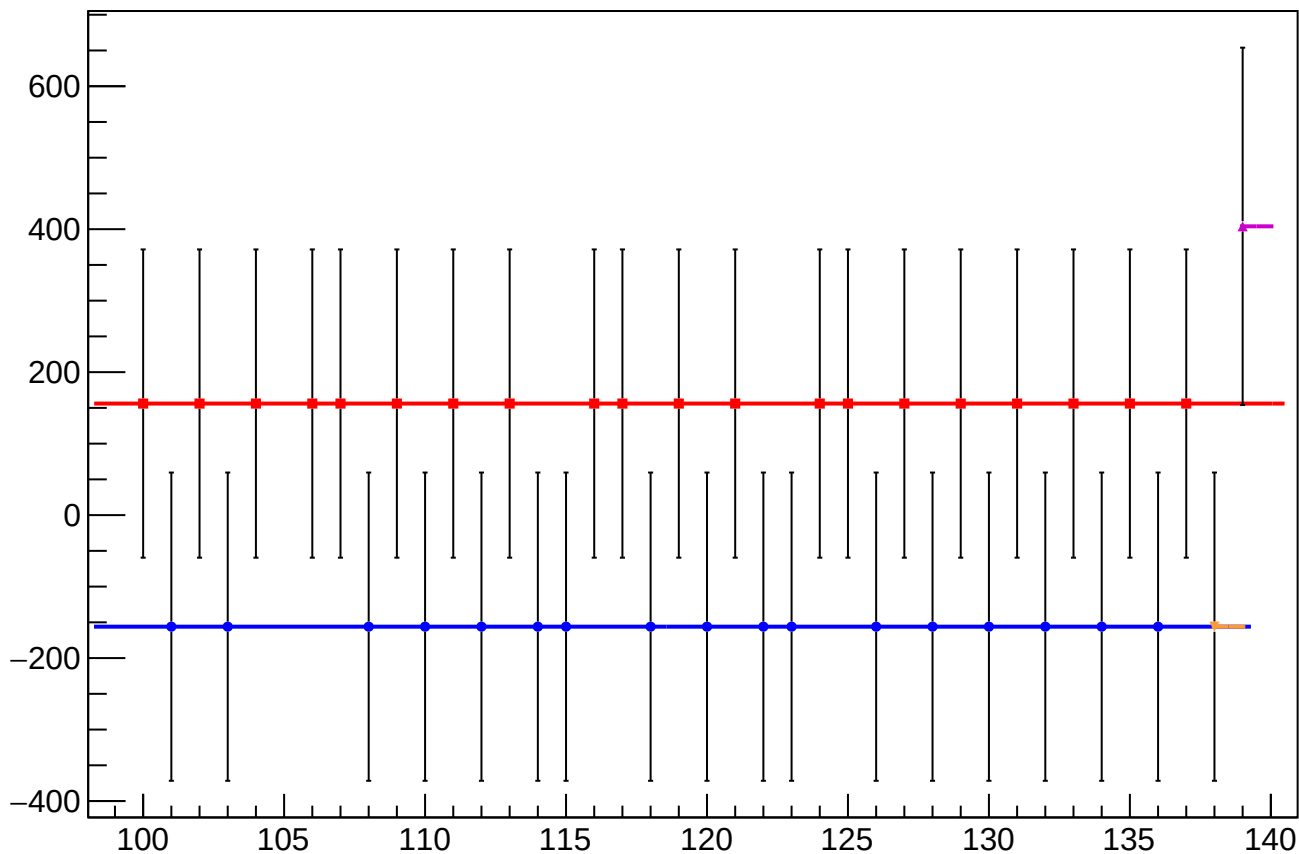
Left In: 50.404 $\pm$ 0.051 χ^2 /NDF: 0.0/0

50.905 $\pm$ 0.010 χ^2 /NDF: 0.0/17

50.897 $\pm$ 0.007 χ^2 /NDF: 95.8/38

50.889 $\pm$ 0.009 χ^2 /NDF: 94.3/20

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -156.062 ± 52.294 χ^2/NDF : 0.0/16

Left Out: -156.062 ± 215.615 χ^2/NDF : 0.0/0

Right Out: 156.062 ± 48.213 χ^2/NDF : 0.0/19

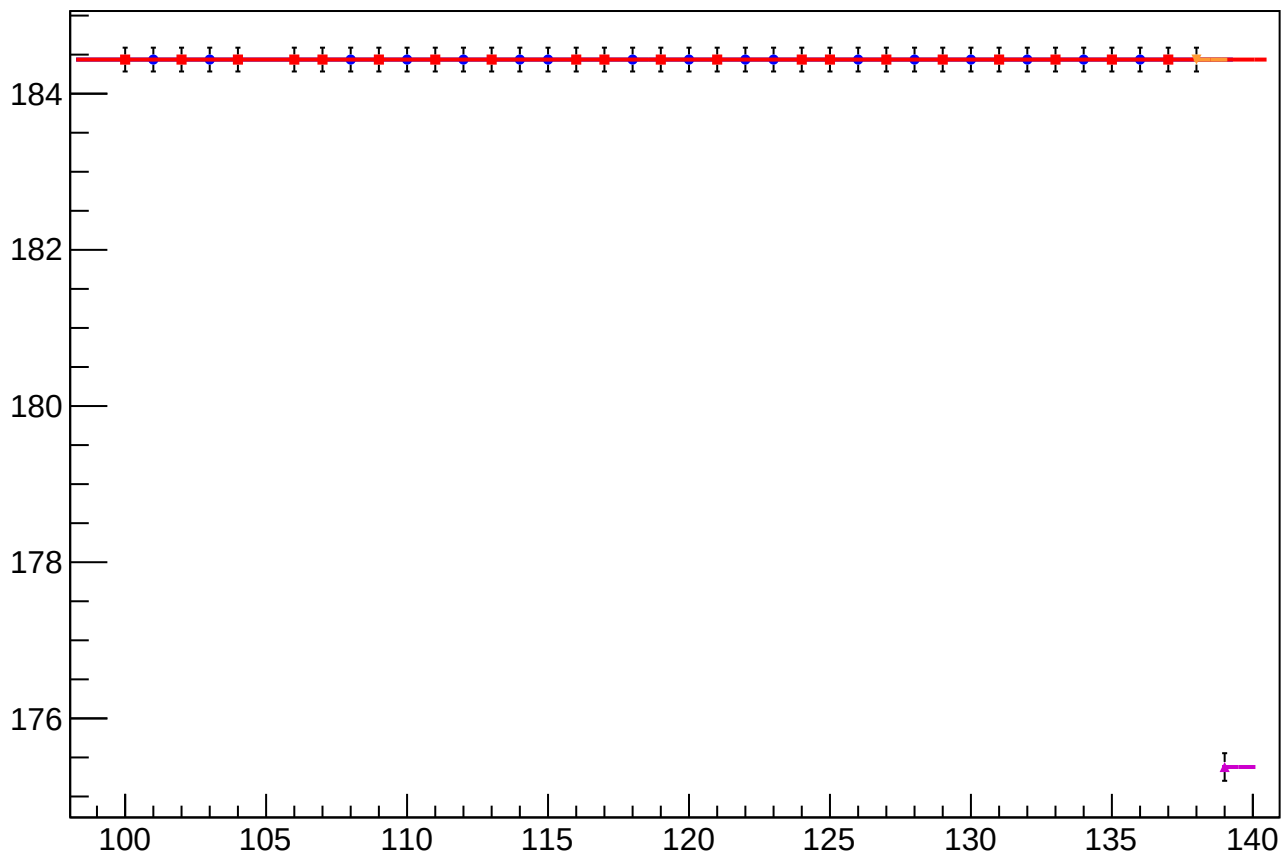
Left In: 403.998 ± 249.925 χ^2/NDF : 0.0/0

-156.062 ± 50.821 χ^2/NDF : 0.0/17

15.817 ± 34.640 χ^2/NDF : 22.3/38

164.957 ± 47.340 χ^2/NDF : 0.9/20

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 184.437 $\pm$ 0.037 χ^2 /NDF: 0.0/16

Left Out: 184.437 $\pm$ 0.152 χ^2 /NDF: 0.0/0

Right Out: 184.437 $\pm$ 0.034 χ^2 /NDF: 0.0/19

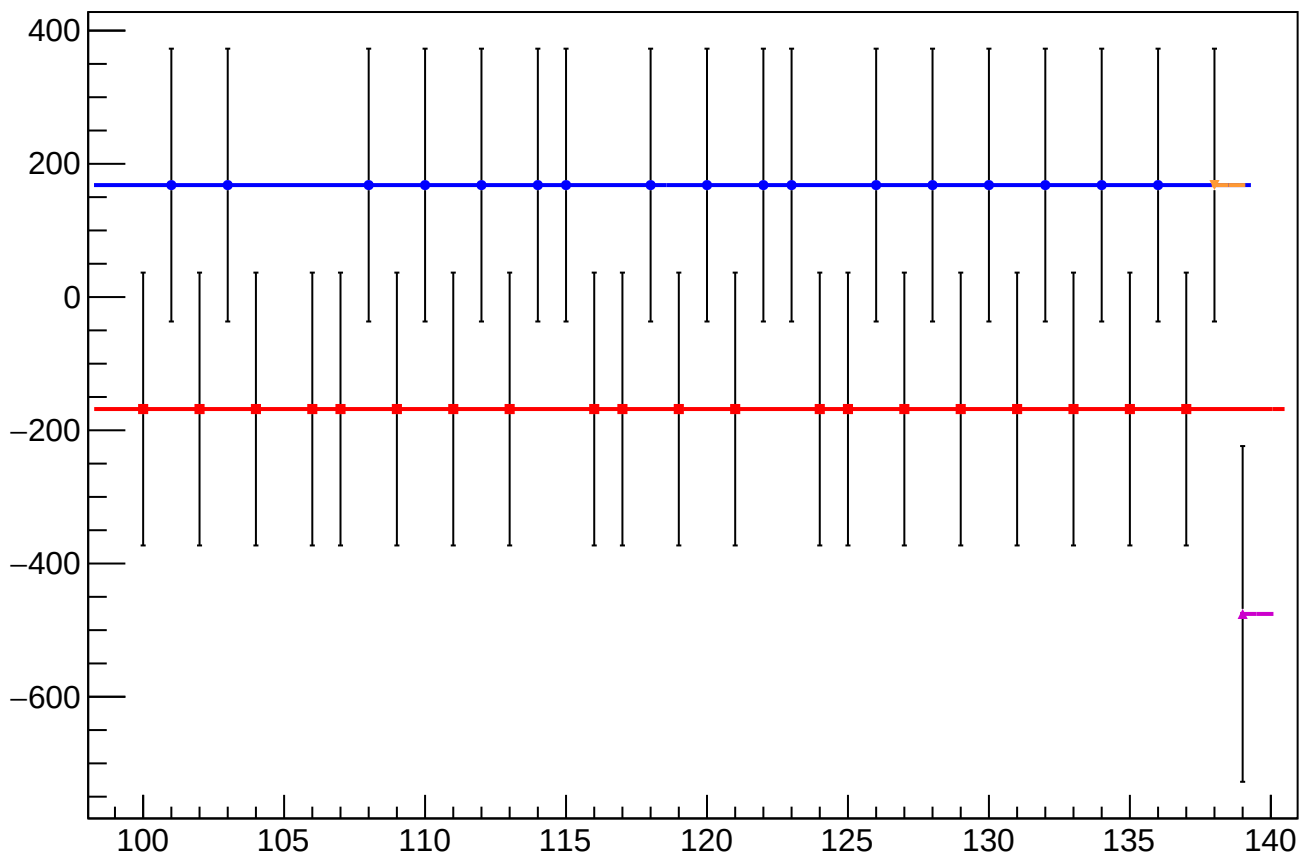
Left In: 175.378 $\pm$ 0.177 χ^2 /NDF: 0.0/0

184.437 $\pm$ 0.036 χ^2 /NDF: 0.0/17

184.263 $\pm$ 0.024 χ^2 /NDF: 2577.2/38

184.112 $\pm$ 0.033 χ^2 /NDF: 2533.4/20

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 168.090 $\pm$ 49.667 χ^2 /NDF: 0.0/16

Left Out: 168.090 $\pm$ 204.783 χ^2 /NDF: 0.0/0

Right Out: -168.090 $\pm$ 45.791 χ^2 /NDF: 0.0/19

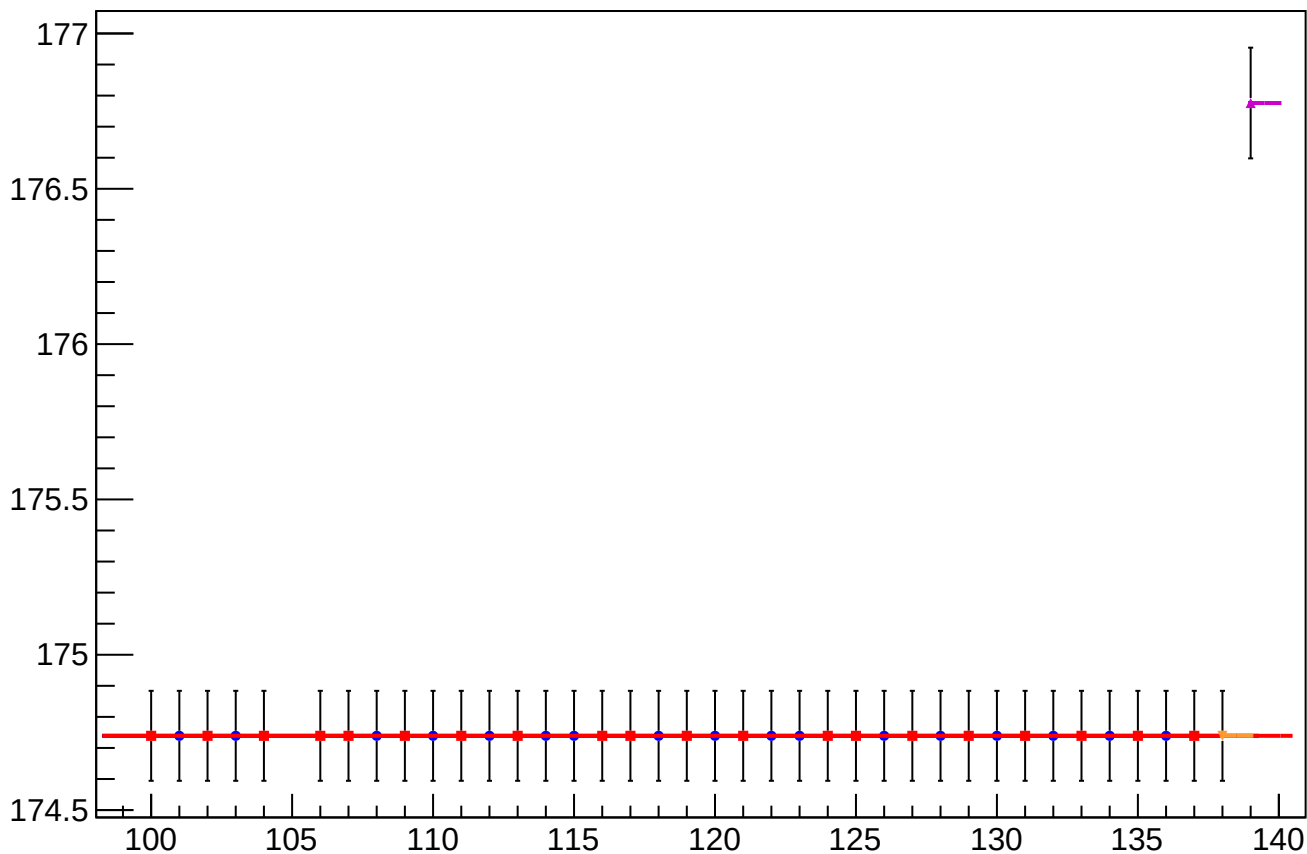
Left In: -475.665 $\pm$ 251.993 χ^2 /NDF: 0.0/0

168.090 $\pm$ 48.268 χ^2 /NDF: 0.0/17

-16.821 $\pm$ 32.935 χ^2 /NDF: 28.9/38

-177.922 $\pm$ 45.053 χ^2 /NDF: 1.4/20

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 174.739 $\pm$ 0.035 χ^2 /NDF: 0.0/16

Left Out: 174.739 $\pm$ 0.145 χ^2 /NDF: 0.0/0

Right Out: 174.739 $\pm$ 0.032 χ^2 /NDF: 0.0/19

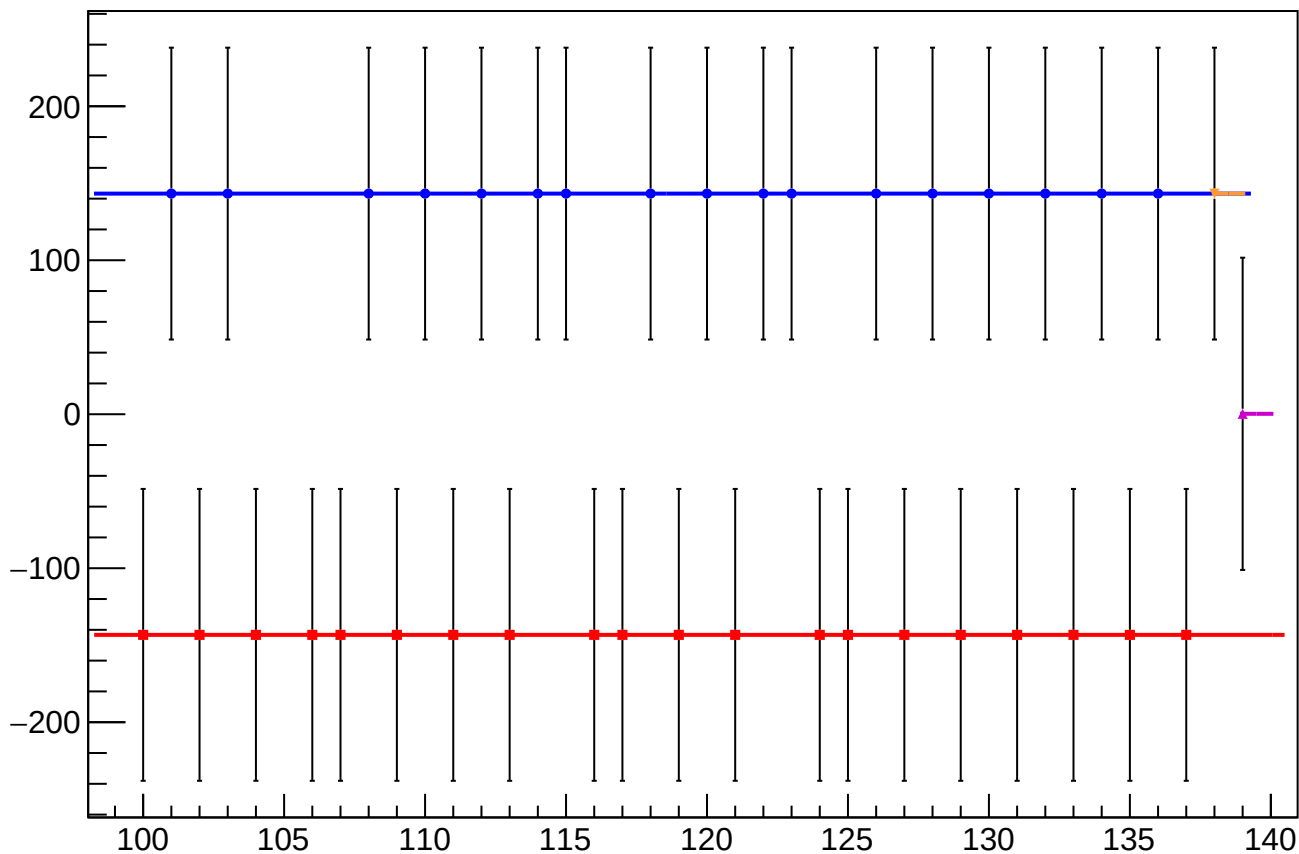
Left In: 176.776 $\pm$ 0.178 χ^2 /NDF: 0.0/0

174.739 $\pm$ 0.034 χ^2 /NDF: 0.0/17

174.774 $\pm$ 0.023 χ^2 /NDF: 128.5/38

174.804 $\pm$ 0.032 χ^2 /NDF: 126.5/20

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 143.273+/-22.985 χ^2/NDF : 0.0/16

Left Out: 143.273+/-94.769 χ^2/NDF : 0.0/0

Right Out: -143.273+/-21.191 χ^2/NDF : 0.0/19

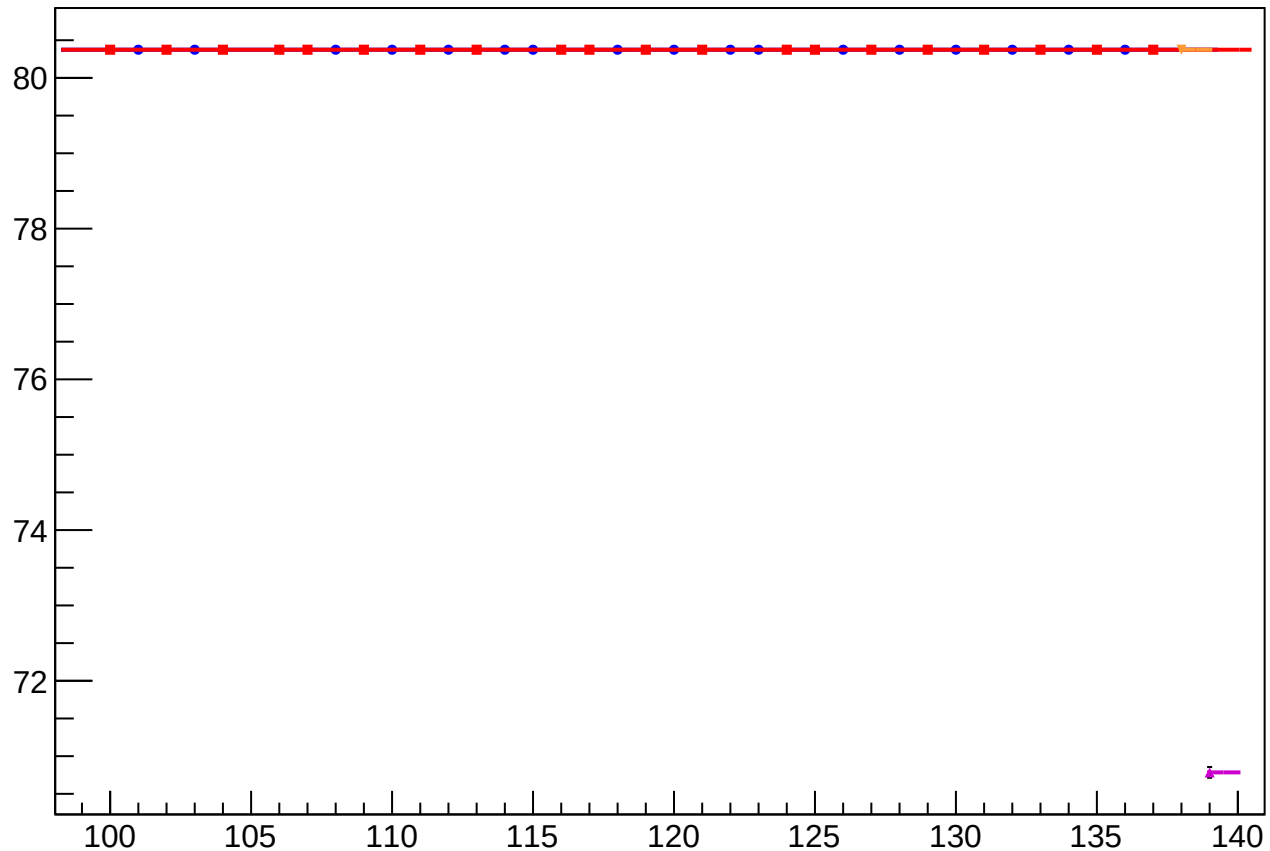
Left In: 0.276+/-101.377 χ^2/NDF : 0.0/0

143.273+/-22.337 χ^2/NDF : 0.0/17

-7.365+/-15.200 χ^2/NDF : 86.6/38

-137.264+/-20.743 χ^2/NDF : 1.9/20

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 80.374 $\pm$ 0.016 χ^2 /NDF: 0.0/16

Left Out: 80.374 $\pm$ 0.067 χ^2 /NDF: 0.0/0

Right Out: 80.374 $\pm$ 0.015 χ^2 /NDF: 0.0/19

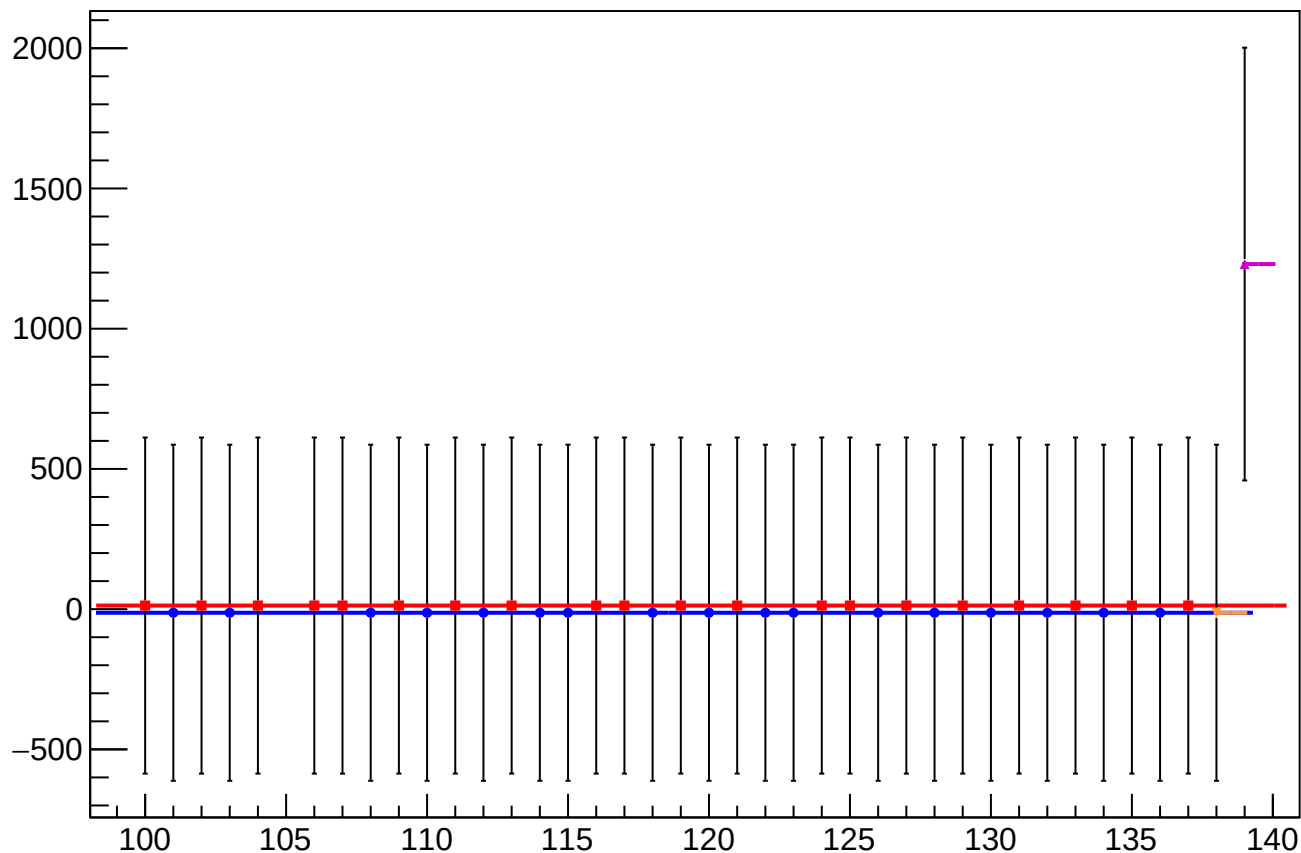
Left In: 70.785 $\pm$ 0.072 χ^2 /NDF: 0.0/0

80.374 $\pm$ 0.016 χ^2 /NDF: 0.0/17

80.159 $\pm$ 0.011 χ^2 /NDF: 17493.4/38

79.973 $\pm$ 0.015 χ^2 /NDF: 17146.5/20

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -12.832 ± 145.325 χ^2/NDF : 0.0/16

Left Out: -12.832 ± 599.191 χ^2/NDF : 0.0/0

Right Out: 12.832 ± 133.983 χ^2/NDF : 0.0/19

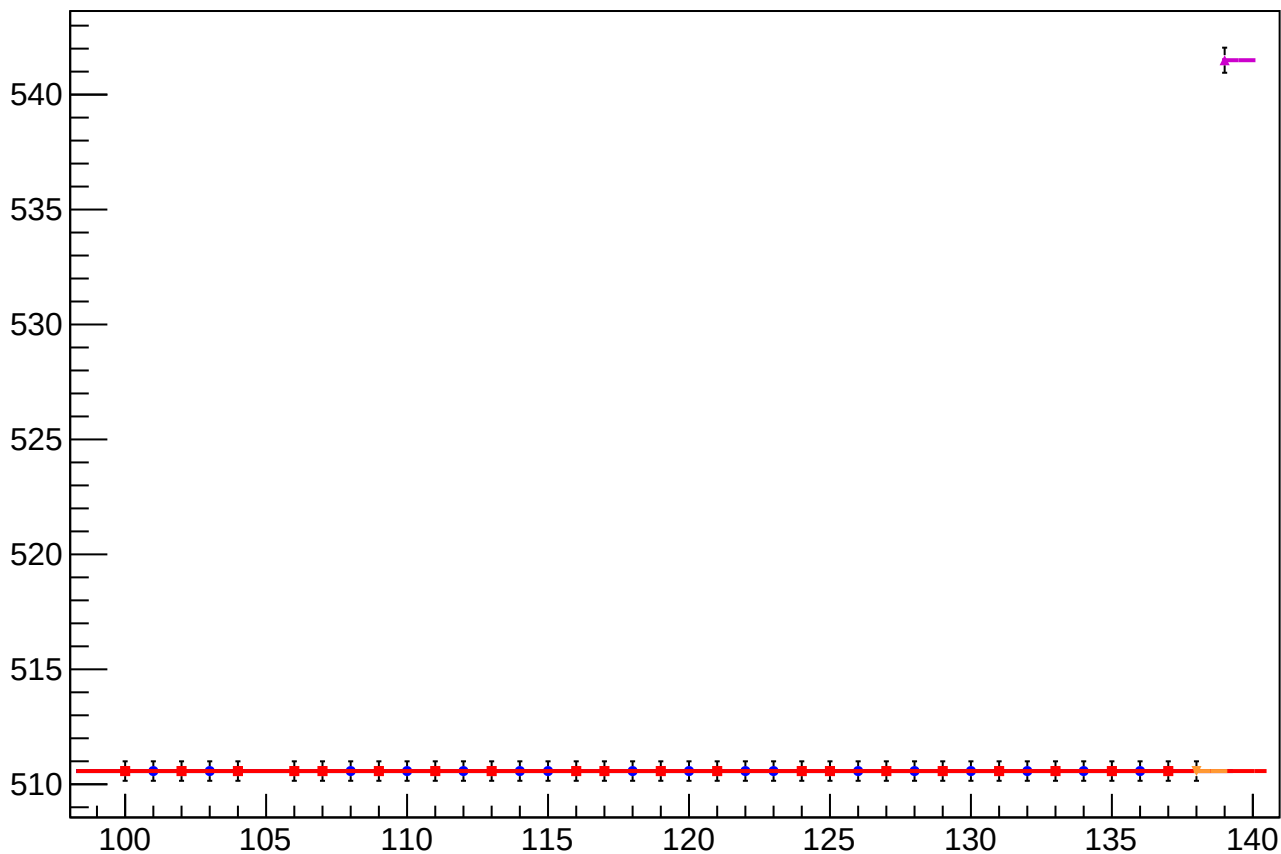
Left In: 1230.435 ± 771.582 χ^2/NDF : 0.0/0

-12.832 ± 141.231 χ^2/NDF : 0.0/17

19.887 ± 96.439 χ^2/NDF : 2.5/38

48.472 ± 132.008 χ^2/NDF : 2.4/20

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 510.575 $\pm$ 0.103 χ^2 /NDF: 0.0/16

Left Out: 510.575 $\pm$ 0.424 χ^2 /NDF: 0.0/0

Right Out: 510.575 $\pm$ 0.095 χ^2 /NDF: 0.0/19

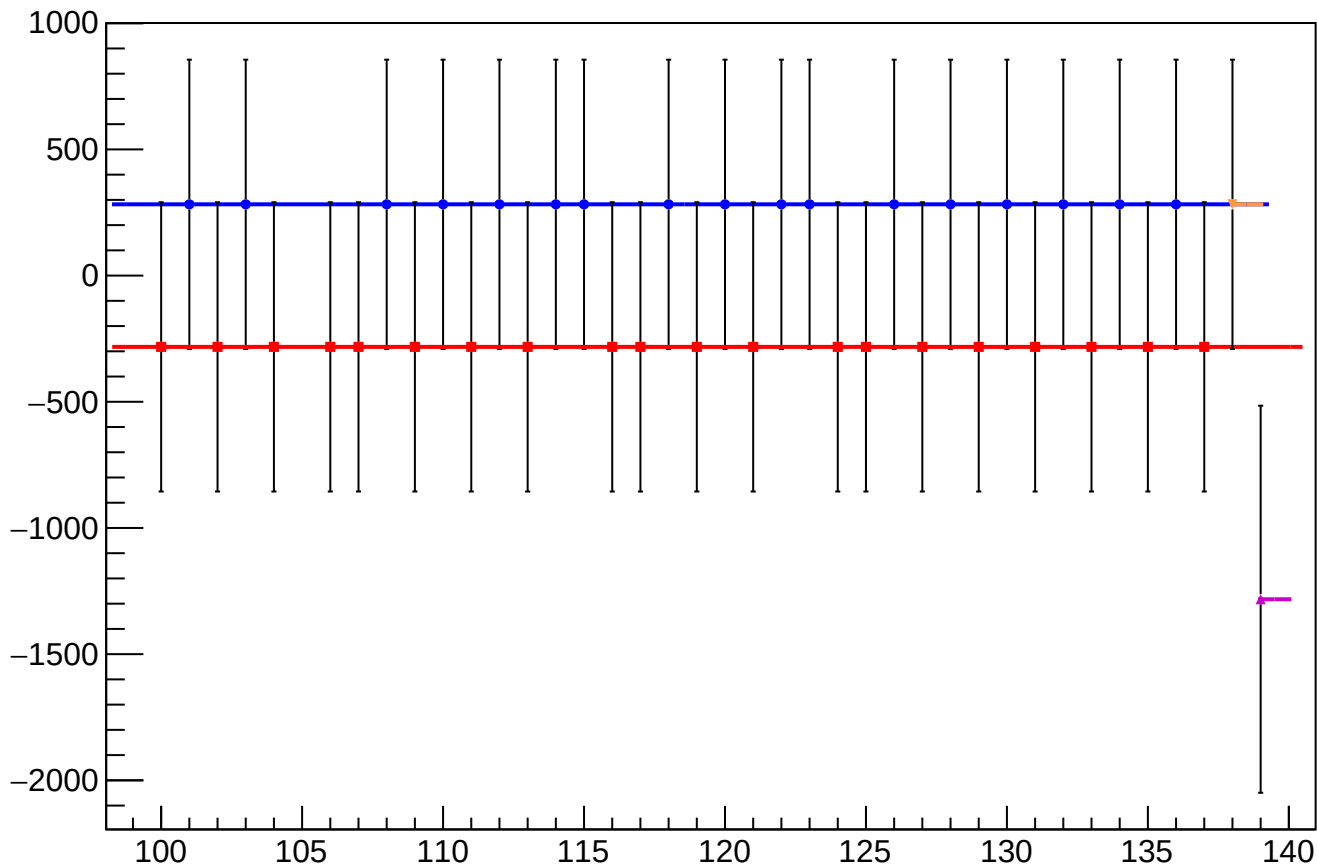
Left In: 541.496 $\pm$ 0.546 χ^2 /NDF: 0.0/0

510.575 $\pm$ 0.100 χ^2 /NDF: 0.0/17

511.058 $\pm$ 0.068 χ^2 /NDF: 3161.9/38

511.480 $\pm$ 0.093 χ^2 /NDF: 3118.0/20

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 282.465+/-139.000 χ^2/NDF : 0.0/16

Left Out: 282.465+/-573.112 χ^2/NDF : 0.0/0

Right Out: -282.465+/-128.152 χ^2/NDF : 0.0/19

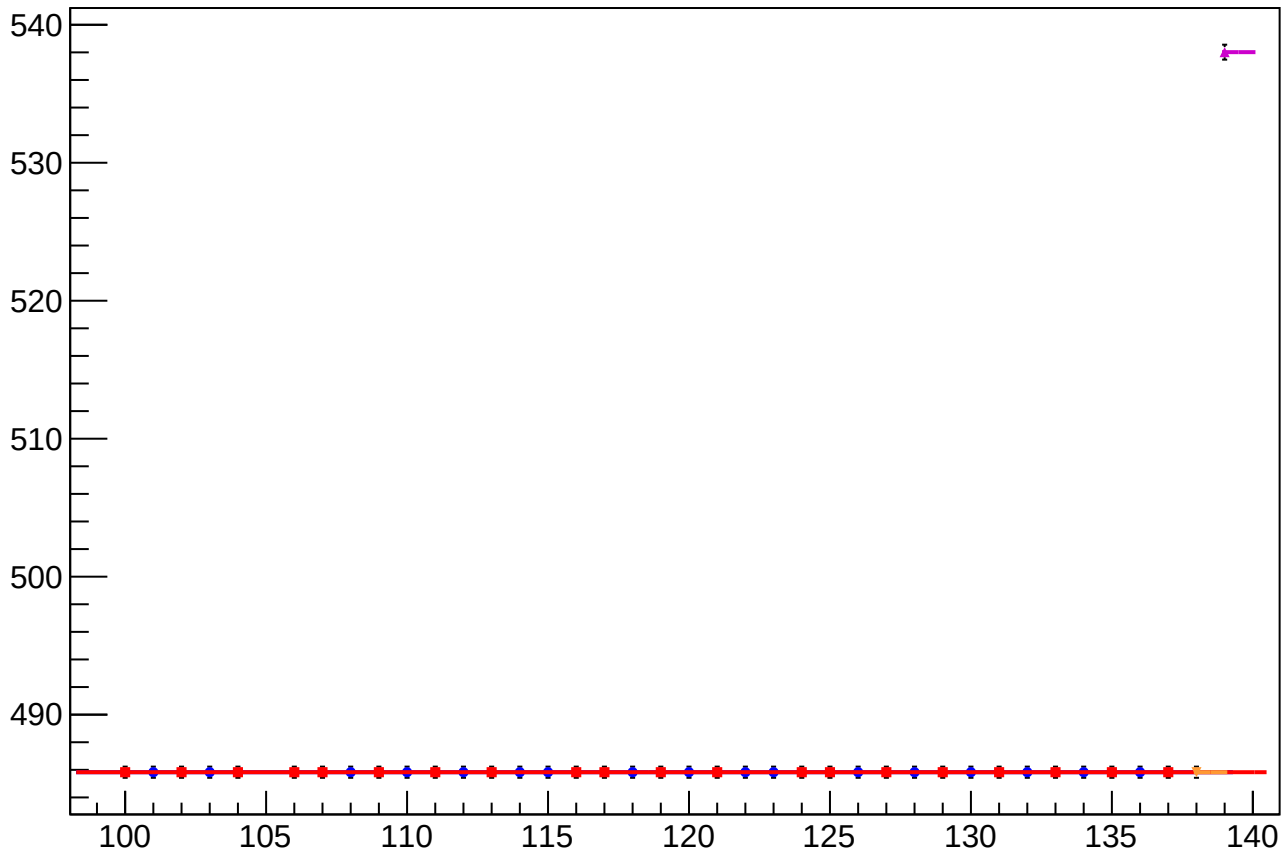
Left In: -1282.452+/-766.928 χ^2/NDF : 0.0/0

282.465+/-135.084 χ^2/NDF : 0.0/17

-33.225+/-92.295 χ^2/NDF : 11.9/38

-309.627+/-126.399 χ^2/NDF : 1.7/20

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 485.828 $\pm$ 0.098 χ^2/NDF : 0.0/16

Left Out: 485.828 $\pm$ 0.405 χ^2/NDF : 0.0/0

Right Out: 485.828 $\pm$ 0.091 χ^2/NDF : 0.0/19

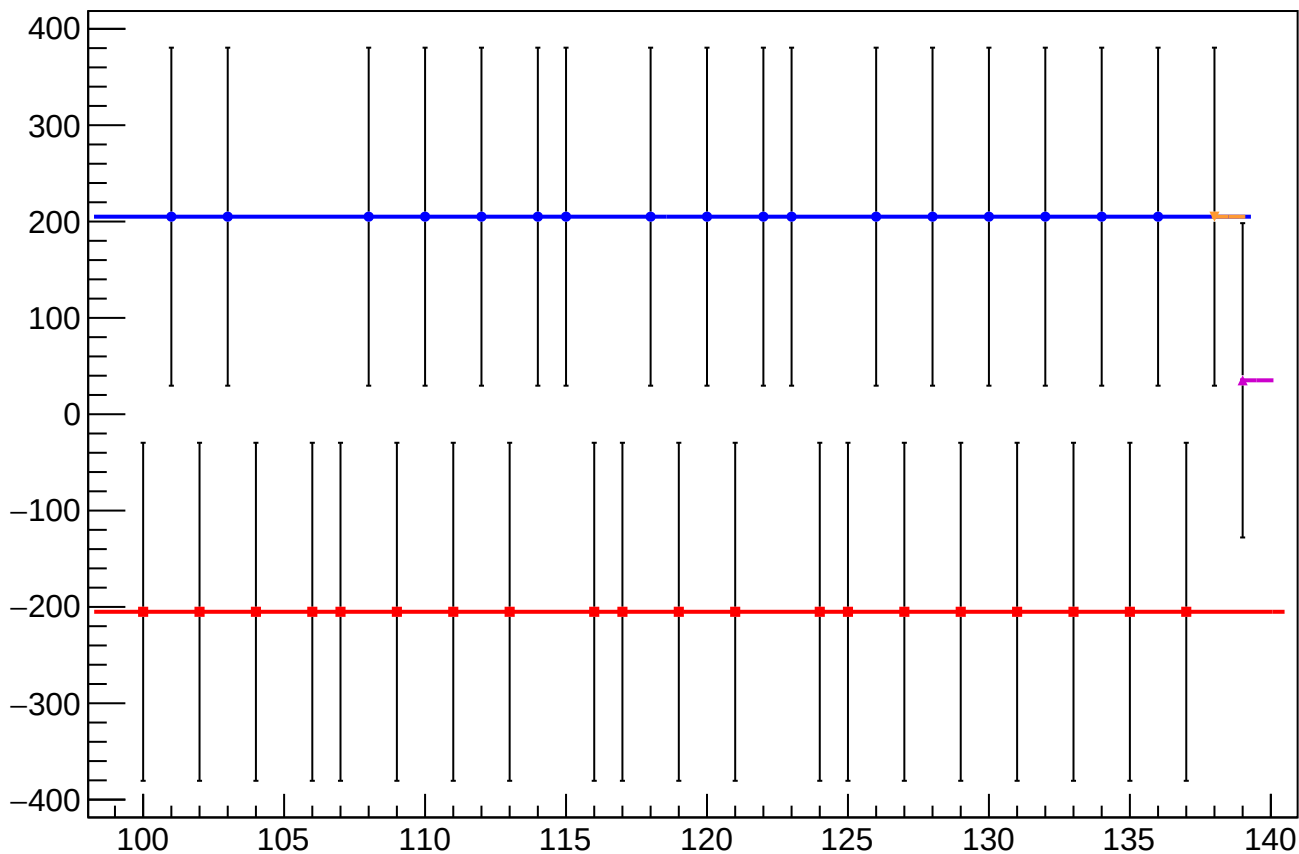
Left In: 538.016 $\pm$ 0.542 χ^2/NDF : 0.0/0

485.828 $\pm$ 0.096 χ^2/NDF : 0.0/17

486.584 $\pm$ 0.065 χ^2/NDF : 9126.9/38

487.246 $\pm$ 0.089 χ^2/NDF : 9009.5/20

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 205.044 $\pm$ 42.546 χ^2 /NDF: 0.0/16

Left Out: 205.044 $\pm$ 175.422 χ^2 /NDF:0.0/0

Right Out: -205.044 $\pm$ 39.226 χ^2 /NDF: 0.0/19

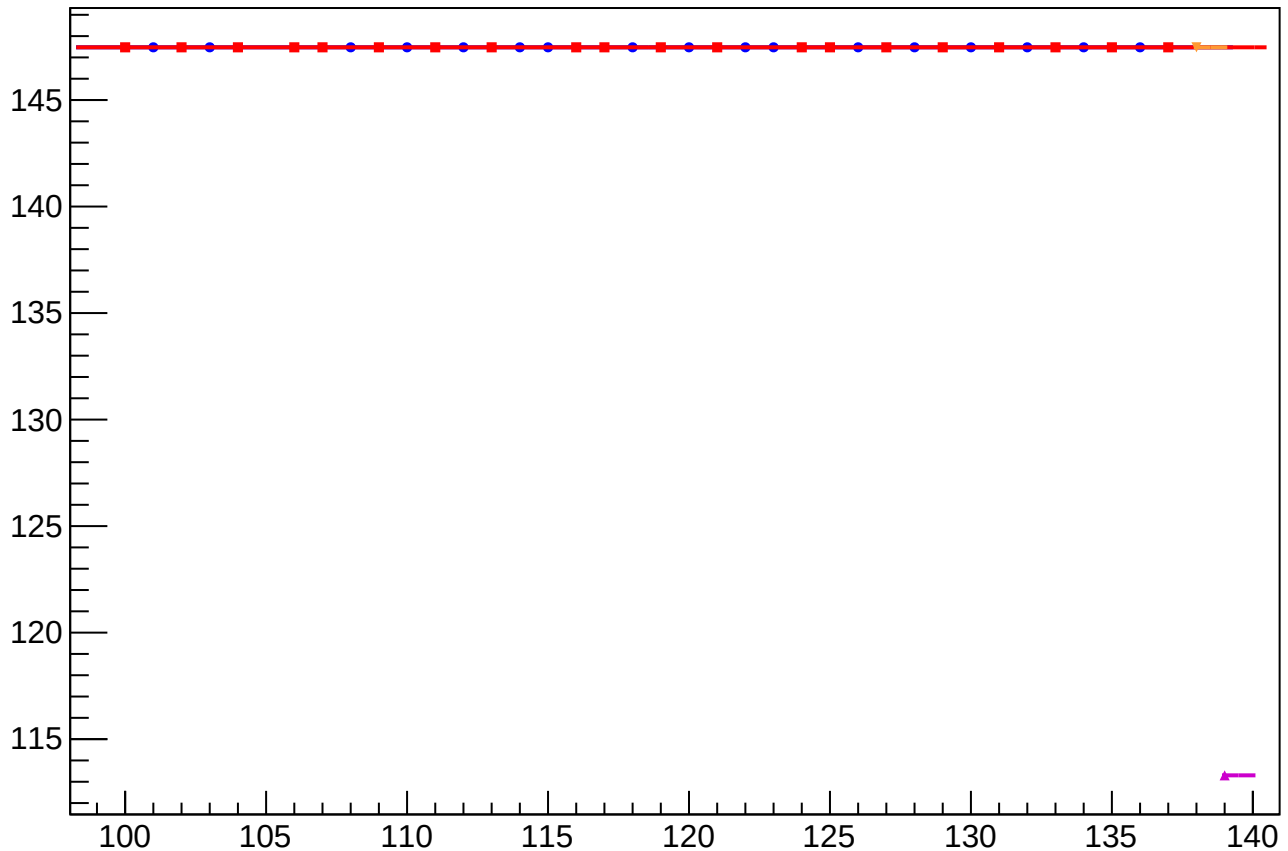
Left In: 35.207 $\pm$ 163.113 χ^2 /NDF:0.0/0

205.044 $\pm$ 41.347 χ^2 /NDF: 0.0/17

-9.433 $\pm$ 28.034 χ^2 /NDF: 51.9/38

-191.910 $\pm$ 38.138 χ^2 /NDF: 2.1/20

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 147.474 $\pm$ 0.030 χ^2 /NDF: 0.0/16

Left Out: 147.474 $\pm$ 0.124 χ^2 /NDF: 0.0/0

Right Out: 147.474 $\pm$ 0.028 χ^2 /NDF: 0.0/19

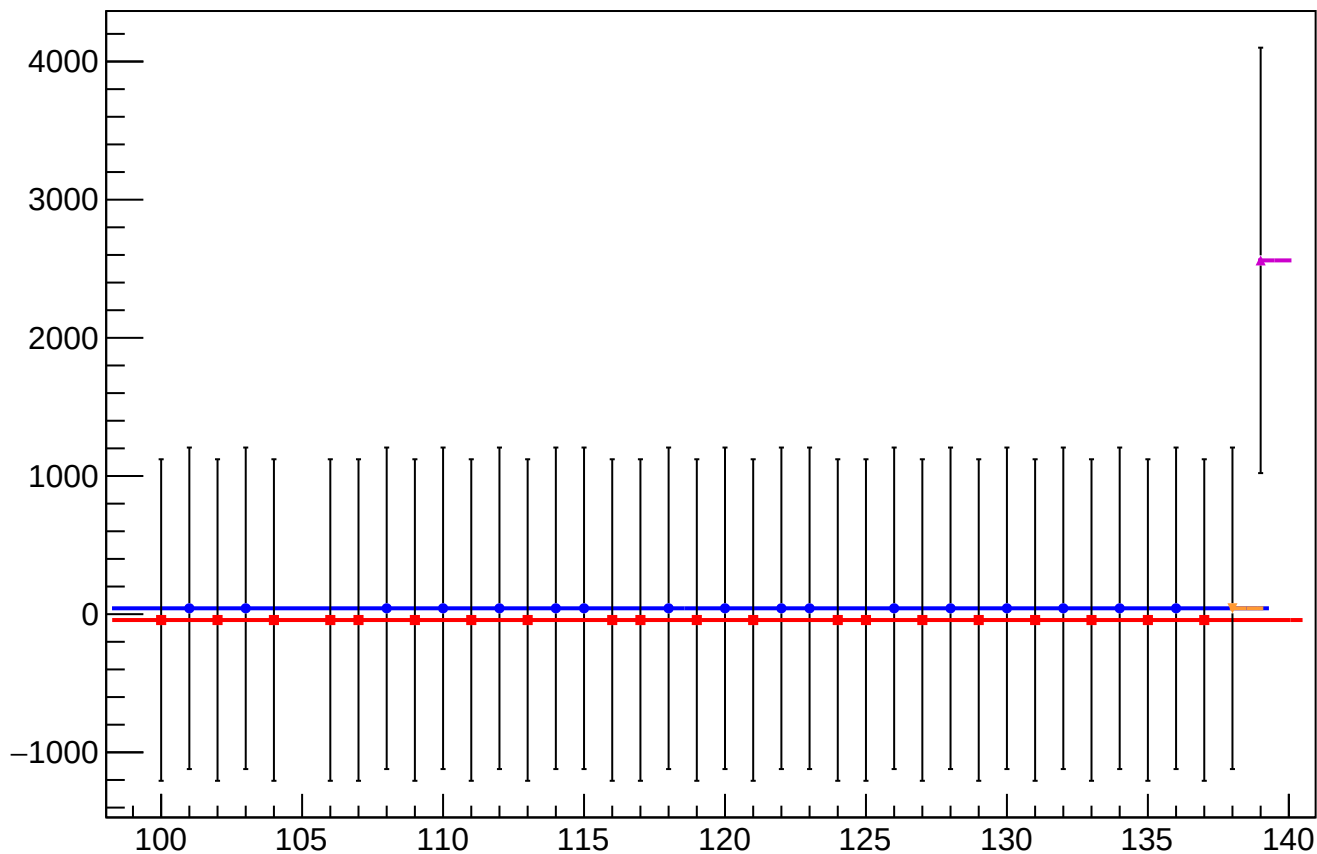
Left In: 113.301 $\pm$ 0.115 χ^2 /NDF: 0.0/0

147.474 $\pm$ 0.029 χ^2 /NDF: 0.0/17

146.465 $\pm$ 0.020 χ^2 /NDF: 85193.6/38

145.606 $\pm$ 0.027 χ^2 /NDF: 82987.4/20

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 42.446 $\pm$ 282.215 χ^2 /NDF: 0.0/16

Left Out: 42.446 $\pm$ 1163.603 χ^2 /NDF: 0.0/0

Right Out: -42.446 $\pm$ 260.189 χ^2 /NDF: 0.0/19

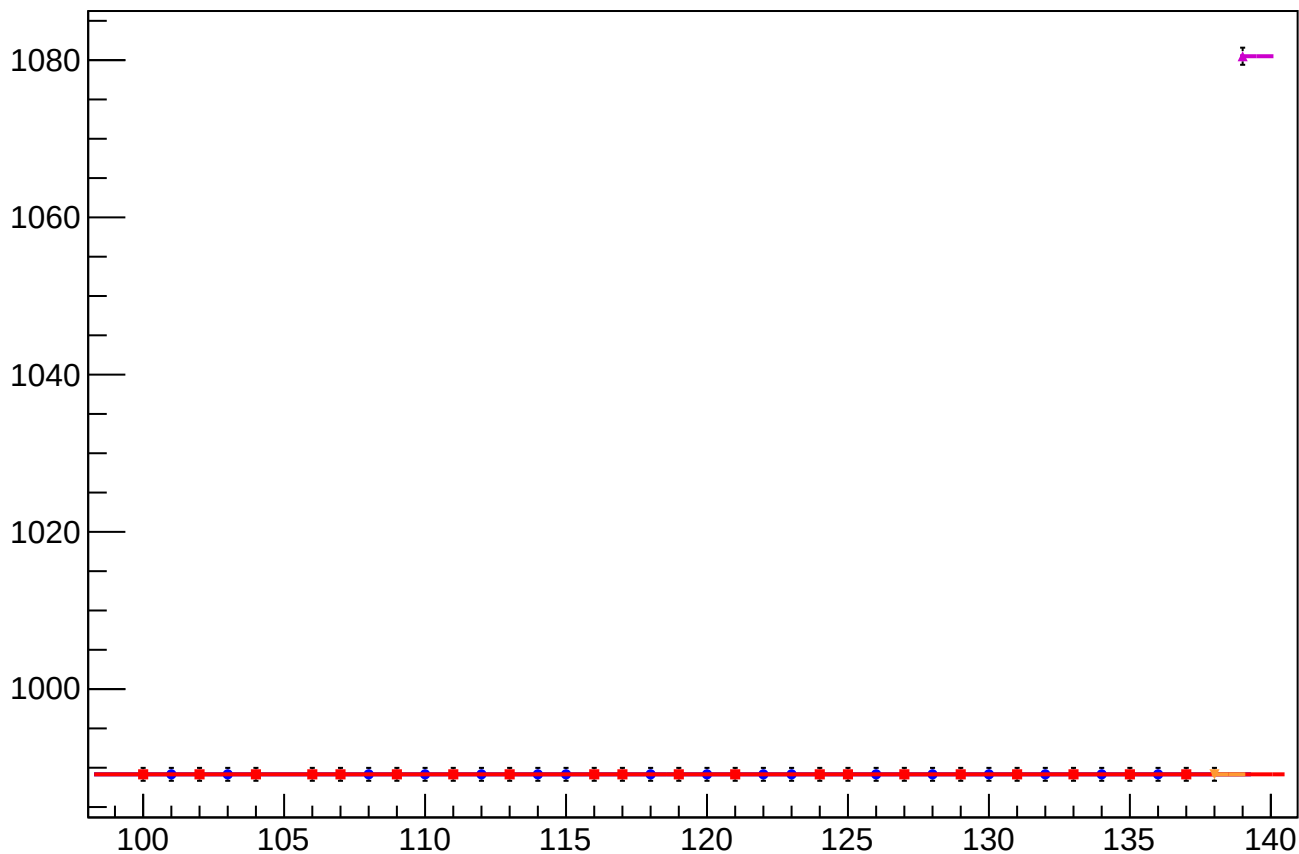
Left In: 2560.594 $\pm$ 1539.633 χ^2 /NDF: 0.0/0

42.446 $\pm$ 274.264 χ^2 /NDF: 0.0/17

35.718 $\pm$ 187.358 χ^2 /NDF: 2.8/38

29.830 $\pm$ 256.552 χ^2 /NDF: 2.8/20

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 989.160 $\pm$ 0.200 χ^2 /NDF: 0.0/16

Left Out: 989.160 $\pm$ 0.823 χ^2 /NDF: 0.0/0

Right Out: 989.160 $\pm$ 0.184 χ^2 /NDF: 0.0/19

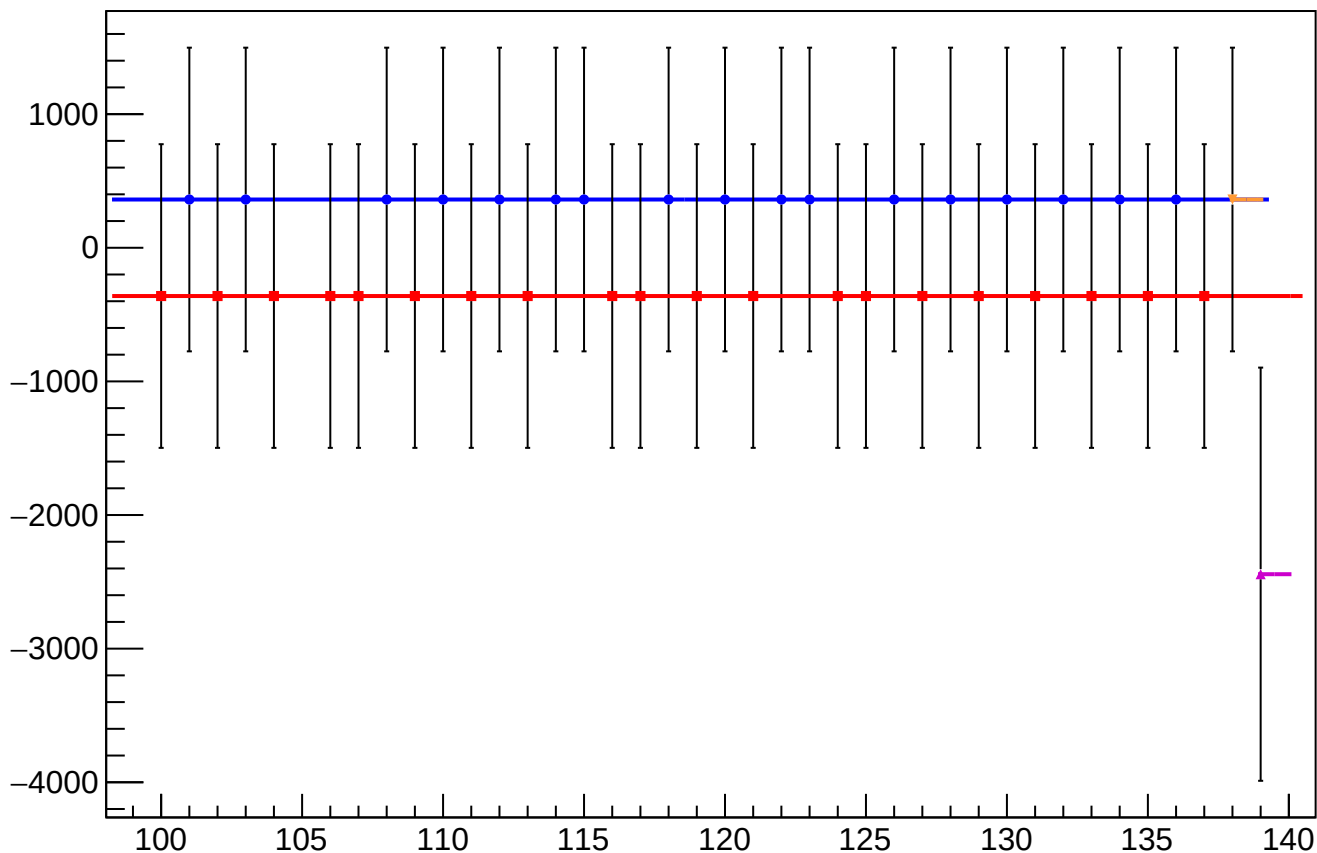
Left In: 1080.498 $\pm$ 1.089 χ^2 /NDF: 0.0/0

989.160 $\pm$ 0.194 χ^2 /NDF: 0.0/17

990.513 $\pm$ 0.132 χ^2 /NDF: 6934.5/38

991.696 $\pm$ 0.181 χ^2 /NDF: 6843.3/20

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 361.179+/-275.595 χ^2/NDF : 0.0/16

Left Out: 361.179+/-1136.306 χ^2/NDF : 0.0/0

Right Out: -361.179+/-254.086 χ^2/NDF : 0.0/19

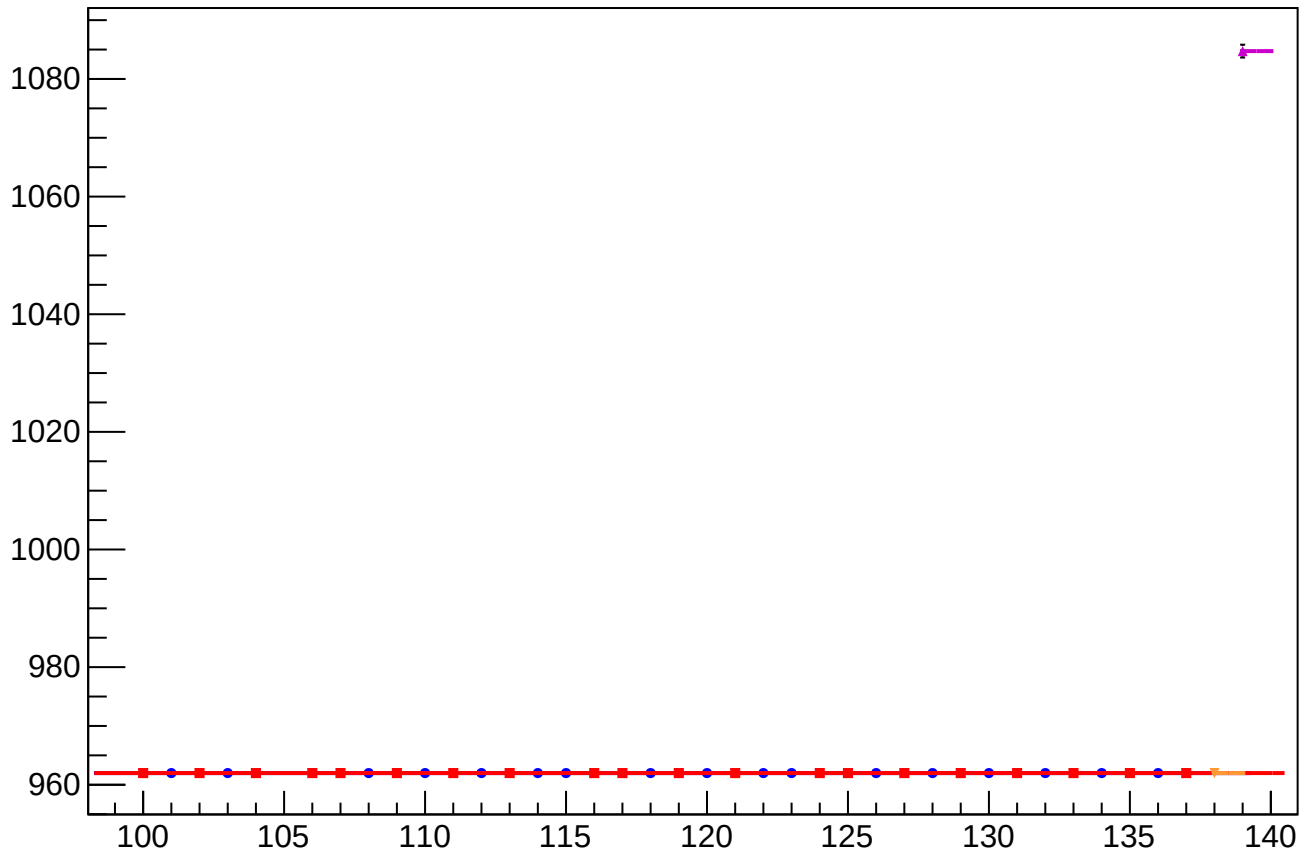
Left In: -2442.878+/-1546.118 χ^2/NDF : 0.0/0

361.179+/-267.830 χ^2/NDF : 0.0/17

-52.980+/-183.037 χ^2/NDF : 6.3/38

-415.921+/-250.723 χ^2/NDF : 1.8/20

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 961.988 $\pm$ 0.195 χ^2 /NDF: 0.0/16

Left Out: 961.988 $\pm$ 0.803 χ^2 /NDF: 0.0/0

Right Out: 961.988 $\pm$ 0.180 χ^2 /NDF: 0.0/19

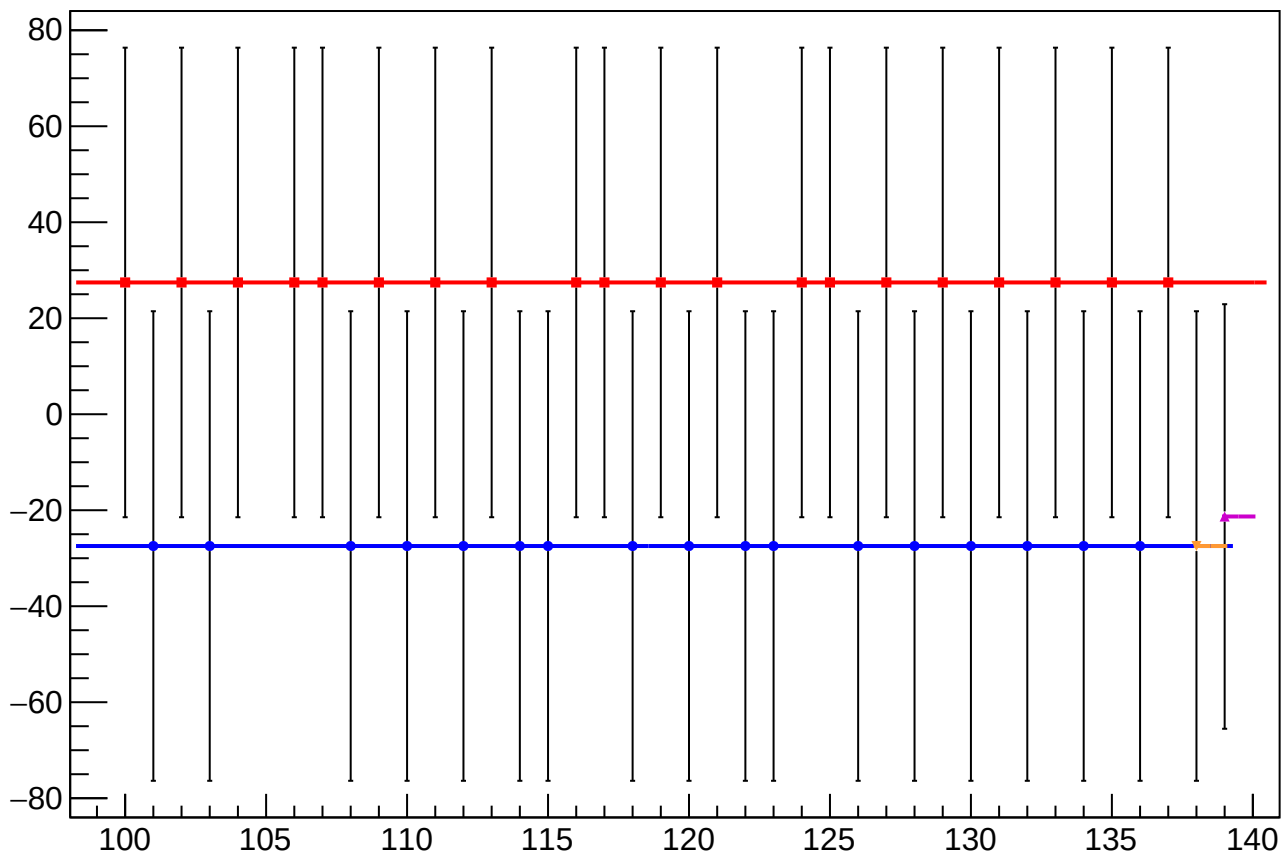
Left In: 1084.737 $\pm$ 1.093 χ^2 /NDF: 0.0/0

961.988 $\pm$ 0.189 χ^2 /NDF: 0.0/17

963.709 $\pm$ 0.129 χ^2 /NDF: 12429.4/38

965.216 $\pm$ 0.177 χ^2 /NDF: 12274.6/20

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -27.456 ± 11.864 χ^2/NDF : 0.0/16

Left Out: -27.456 ± 48.916 χ^2/NDF : 0.0/0

Right Out: 27.456 ± 10.938 χ^2/NDF : 0.0/19

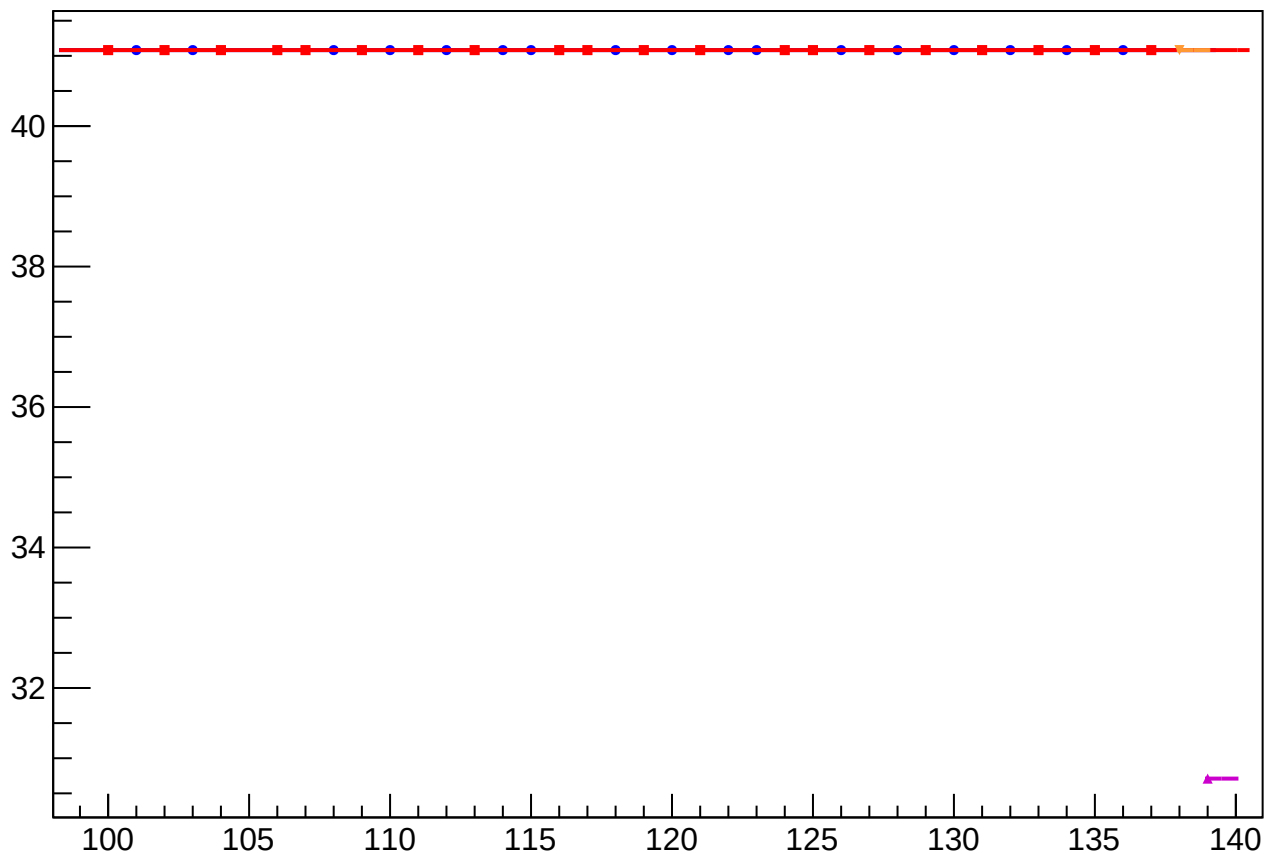
Left In: -21.304 ± 44.228 χ^2/NDF : 0.0/0

-27.456 ± 11.530 χ^2/NDF : 0.0/17

0.736 ± 7.810 χ^2/NDF : 12.2/38

24.646 ± 10.618 χ^2/NDF : 1.1/20

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 41.082 $\pm$ 0.008 χ^2 /NDF: 0.0/16

Left Out: 41.082 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Right Out: 41.082 $\pm$ 0.008 χ^2 /NDF: 0.0/19

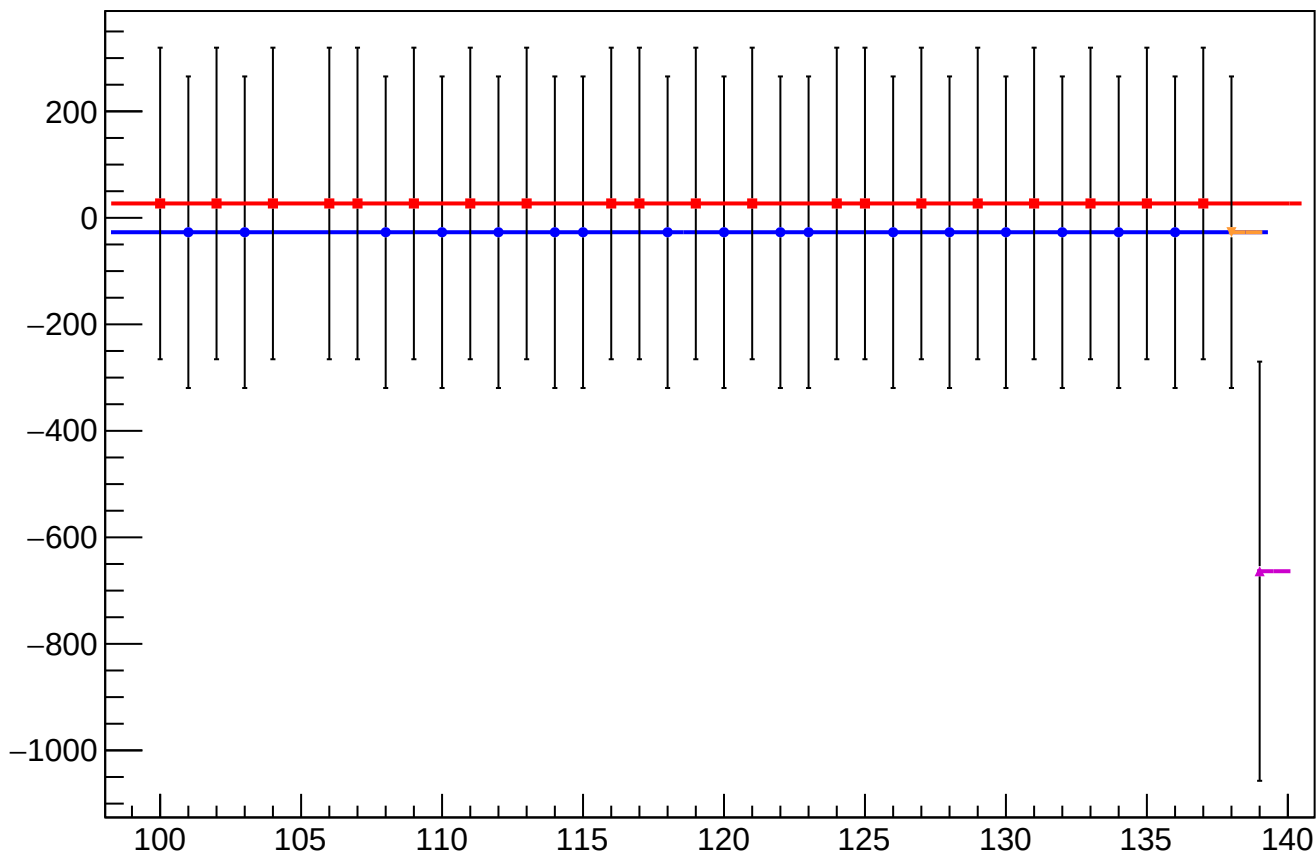
Left In: 30.710 $\pm$ 0.031 χ^2 /NDF: 0.0/0

41.082 $\pm$ 0.008 χ^2 /NDF: 0.0/17

40.758 $\pm$ 0.006 χ^2 /NDF: 106559.8/38

40.484 $\pm$ 0.008 χ^2 /NDF: 103650.6/20

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -27.007 ± 70.953 χ^2/NDF : 0.0/16

Left Out: -27.007 ± 292.549 χ^2/NDF : 0.0/0

Right Out: 27.007 ± 65.416 χ^2/NDF : 0.0/19

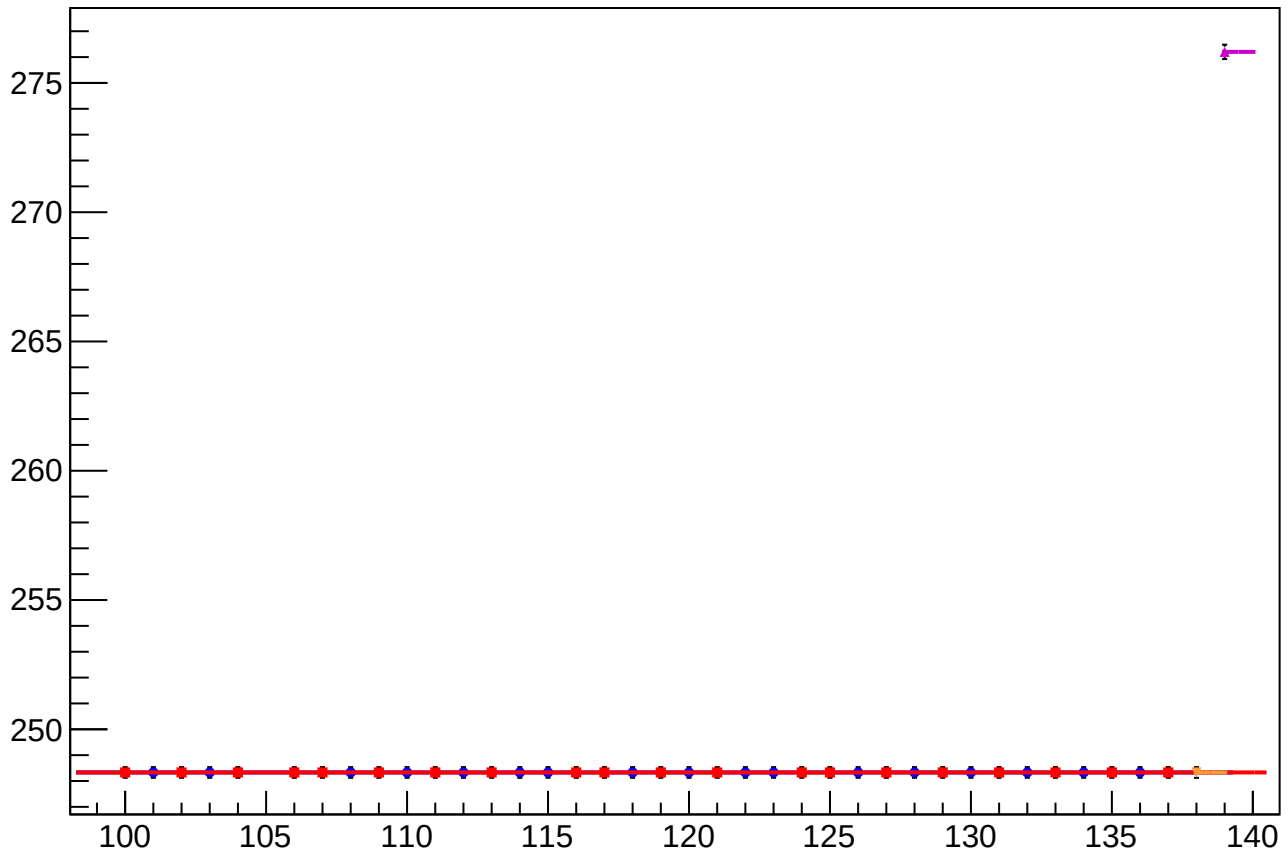
Left In: -663.593 ± 393.560 χ^2/NDF : 0.0/0

-27.007 ± 68.954 χ^2/NDF : 0.0/17

-8.110 ± 47.116 χ^2/NDF : 3.1/38

8.441 ± 64.531 χ^2/NDF : 3.0/20

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 248.331+/-0.050 χ^2/NDF : 0.0/16

Left Out: 248.331+/-0.207 χ^2/NDF : 0.0/0

Right Out: 248.331+/-0.046 χ^2/NDF : 0.0/19

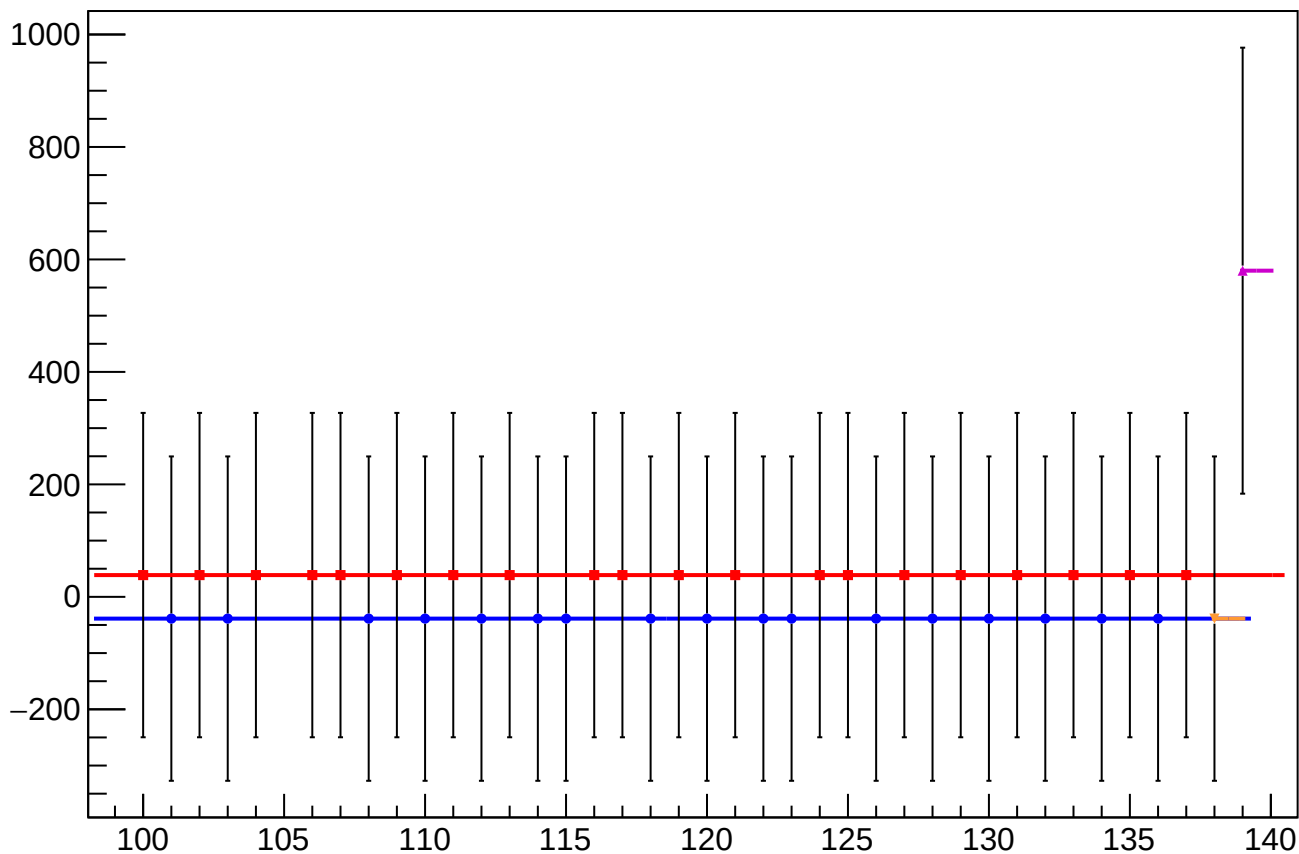
Left In: 276.202+/-0.278 χ^2/NDF : 0.0/0

248.331+/-0.049 χ^2/NDF : 0.0/17

248.730+/-0.033 χ^2/NDF : 9886.6/38

249.080+/-0.046 χ^2/NDF : 9760.7/20

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -38.700 ± 69.948 χ^2/NDF : 0.0/16

Left Out: -38.700 ± 288.402 χ^2/NDF : 0.0/0

Right Out: 38.700 ± 64.489 χ^2/NDF : 0.0/19

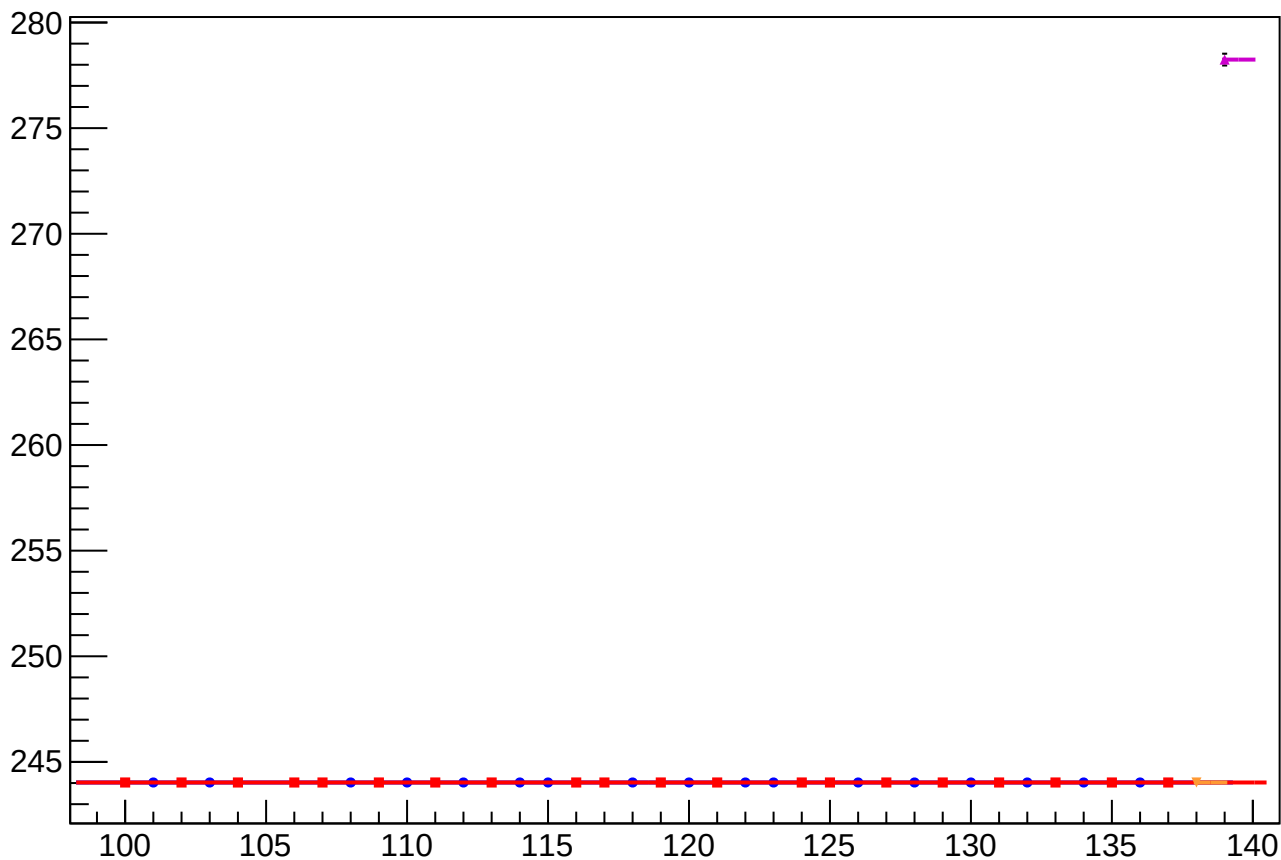
Left In: 580.015 ± 396.552 χ^2/NDF : 0.0/0

-38.700 ± 67.977 χ^2/NDF : 0.0/17

9.971 ± 46.463 χ^2/NDF : 2.8/38

52.647 ± 63.653 χ^2/NDF : 1.8/20

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 244.026 $\pm$ 0.049 χ^2 /NDF: 0.0/16

Left Out: 244.026 $\pm$ 0.204 χ^2 /NDF: 0.0/0

Right Out: 244.026 $\pm$ 0.046 χ^2 /NDF: 0.0/19

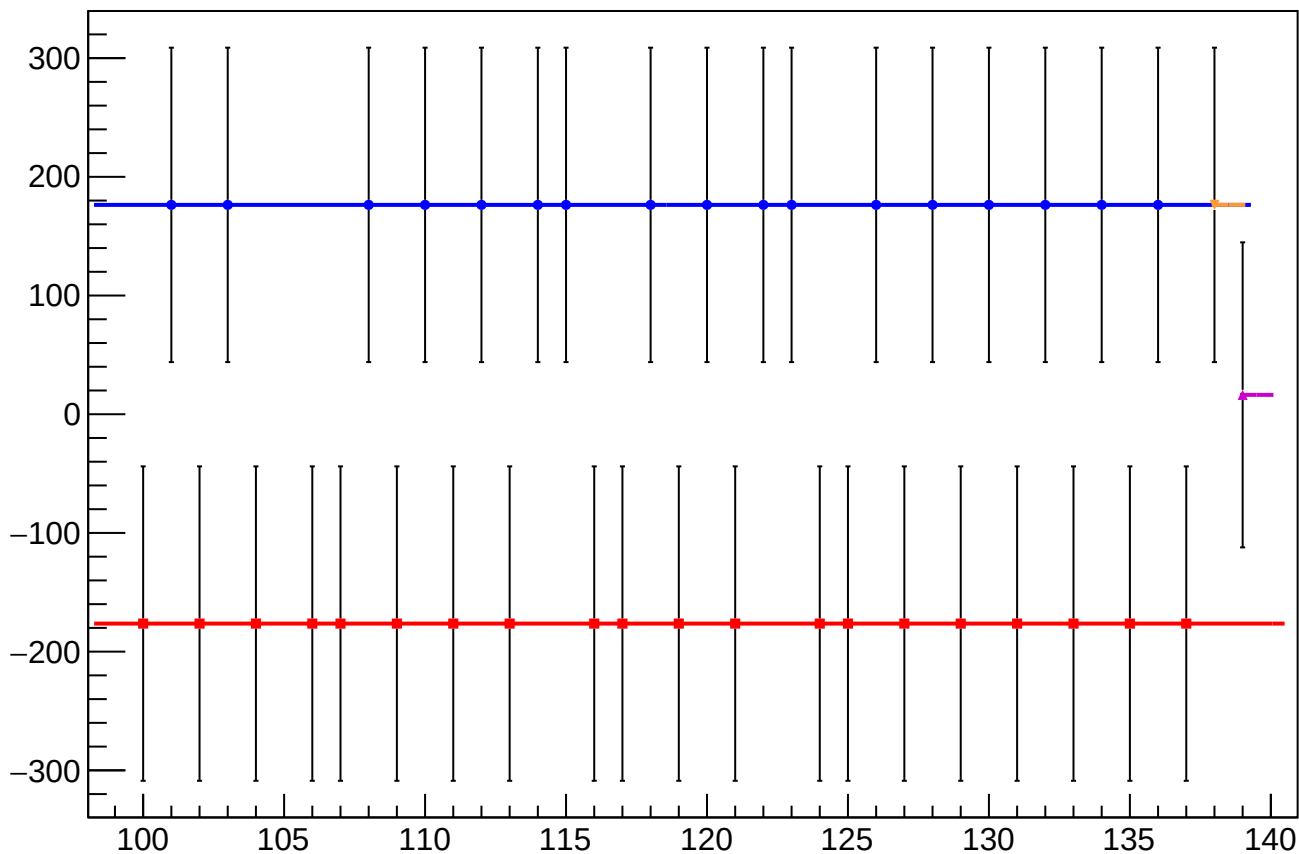
Left In: 278.244 $\pm$ 0.280 χ^2 /NDF: 0.0/0

244.026 $\pm$ 0.048 χ^2 /NDF: 0.0/17

244.496 $\pm$ 0.033 χ^2 /NDF: 14687.3/38

244.908 $\pm$ 0.045 χ^2 /NDF: 14508.0/20

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 176.371+/-32.123 χ^2/NDF : 0.0/16

Left Out: 176.371+/-132.445 χ^2/NDF : 0.0/0

Right Out: -176.371+/-29.616 χ^2/NDF : 0.0/19

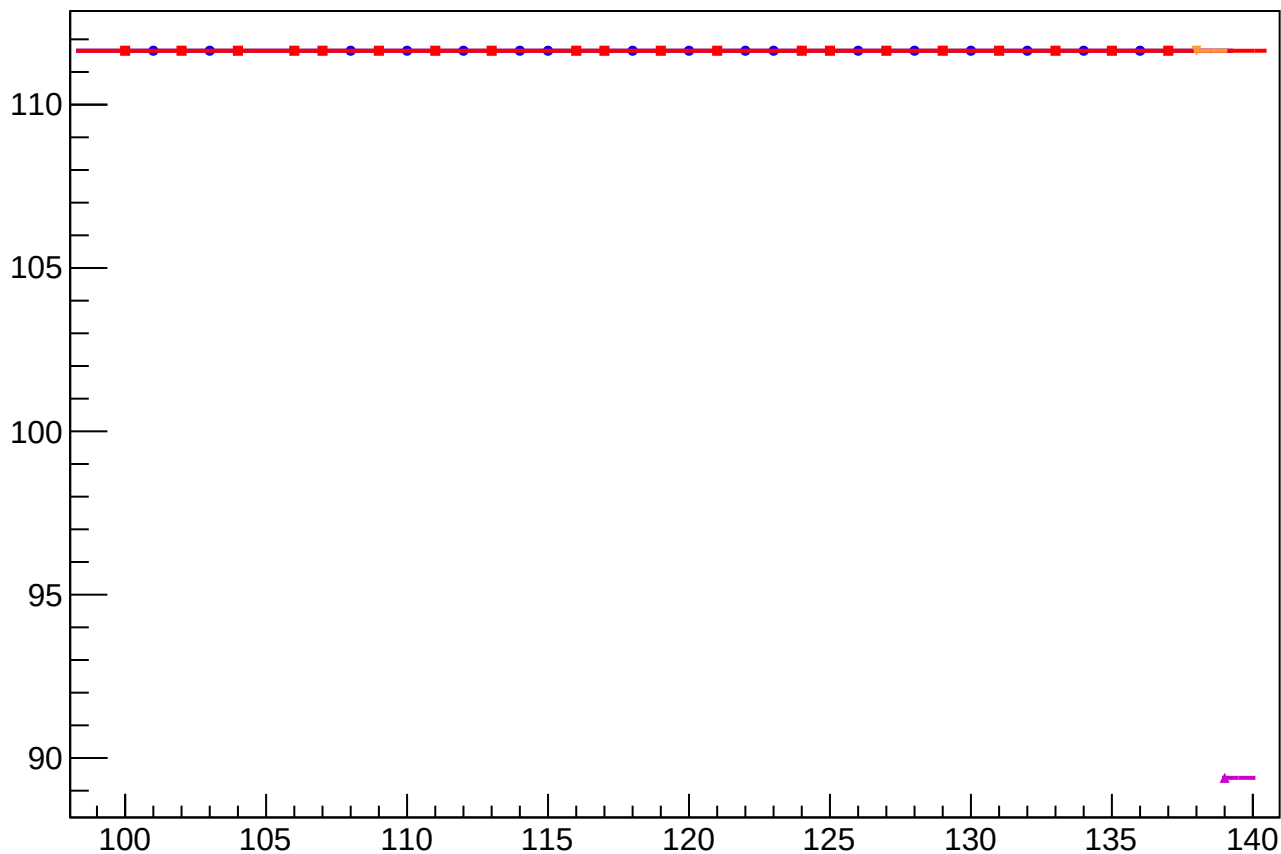
Left In: 16.309+/-128.493 χ^2/NDF : 0.0/0

176.371+/-31.218 χ^2/NDF : 0.0/17

-8.587+/-21.191 χ^2/NDF : 67.2/38

-166.651+/-28.859 χ^2/NDF : 2.1/20

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 111.651 $\pm$ 0.023 χ^2 /NDF: 0.0/16

Left Out: 111.651 $\pm$ 0.094 χ^2 /NDF: 0.0/0

Right Out: 111.651 $\pm$ 0.021 χ^2 /NDF: 0.0/19

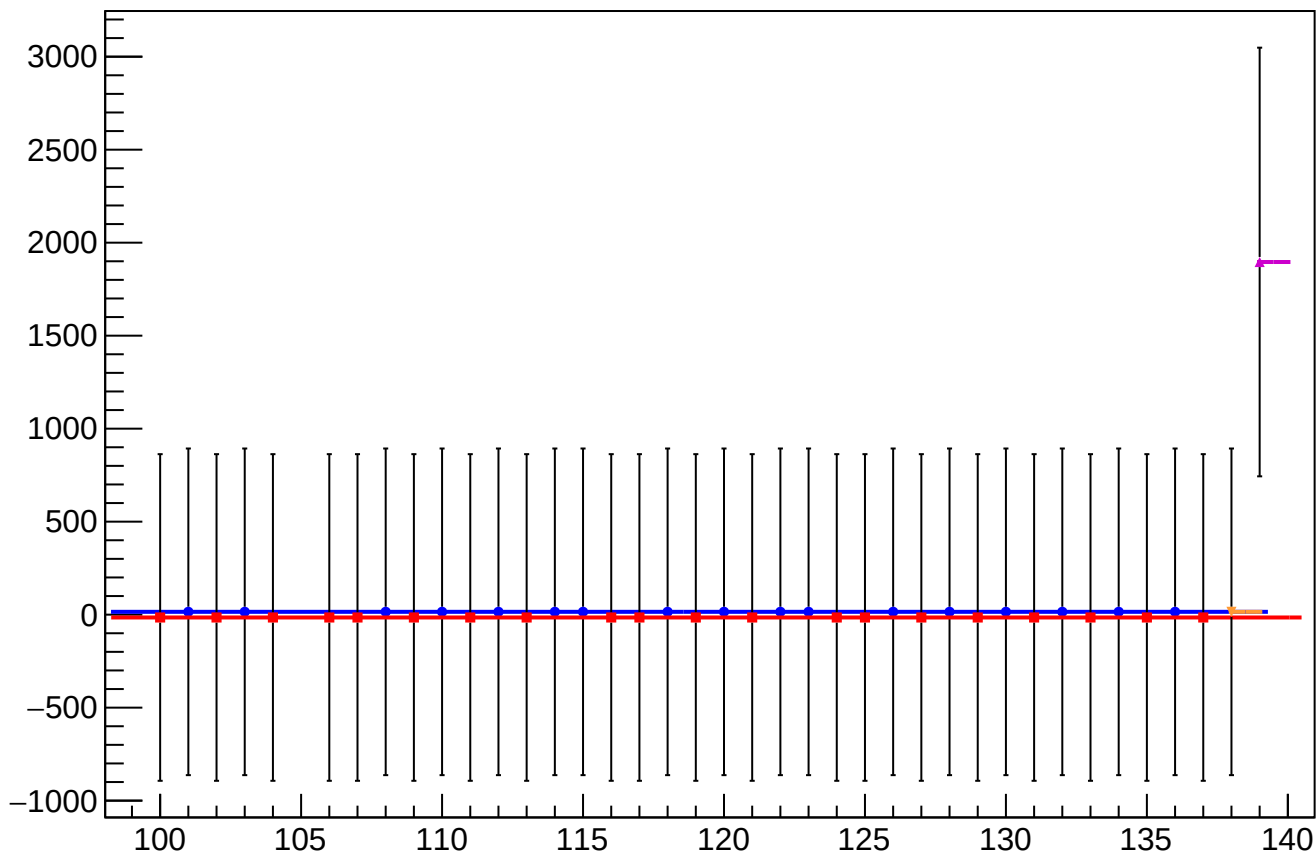
Left In: 89.393 $\pm$ 0.091 χ^2 /NDF: 0.0/0

111.651 $\pm$ 0.022 χ^2 /NDF: 0.0/17

111.045 $\pm$ 0.015 χ^2 /NDF: 58379.2/38

110.528 $\pm$ 0.020 χ^2 /NDF: 56984.3/20

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 15.211+/-212.973 χ^2/NDF : 0.0/16

Left Out: 15.211+/-878.112 χ^2/NDF : 0.0/0

Right Out: -15.211+/-196.352 χ^2/NDF : 0.0/19

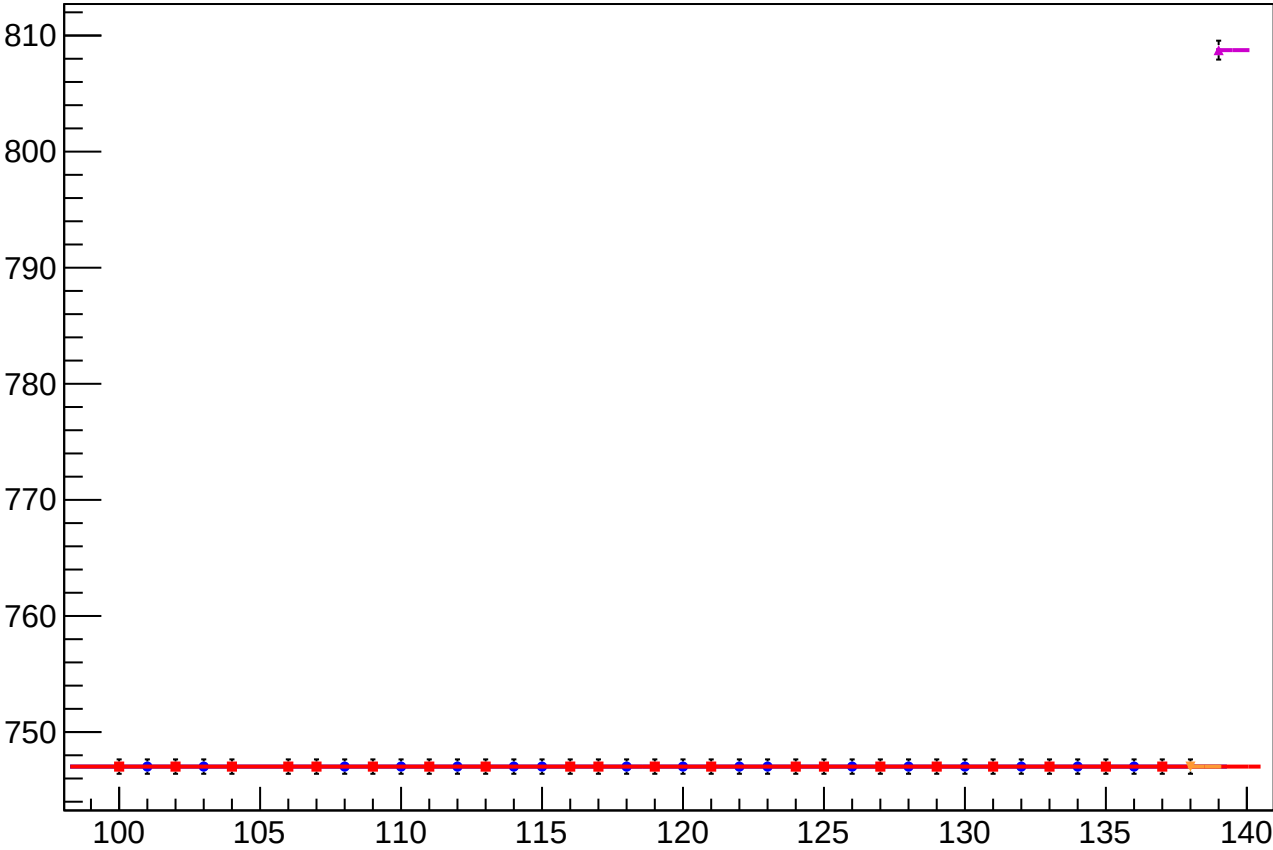
Left In: 1896.074+/-1152.399 χ^2/NDF : 0.0/0

15.211+/-206.973 χ^2/NDF : 0.0/17

27.747+/-141.373 χ^2/NDF : 2.7/38

38.710+/-193.562 χ^2/NDF : 2.7/20

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 747.026+/-0.151 χ^2/NDF : 0.0/16

Left Out: 747.026+/-0.621 χ^2/NDF : 0.0/0

Right Out: 747.026+/-0.139 χ^2/NDF : 0.0/19

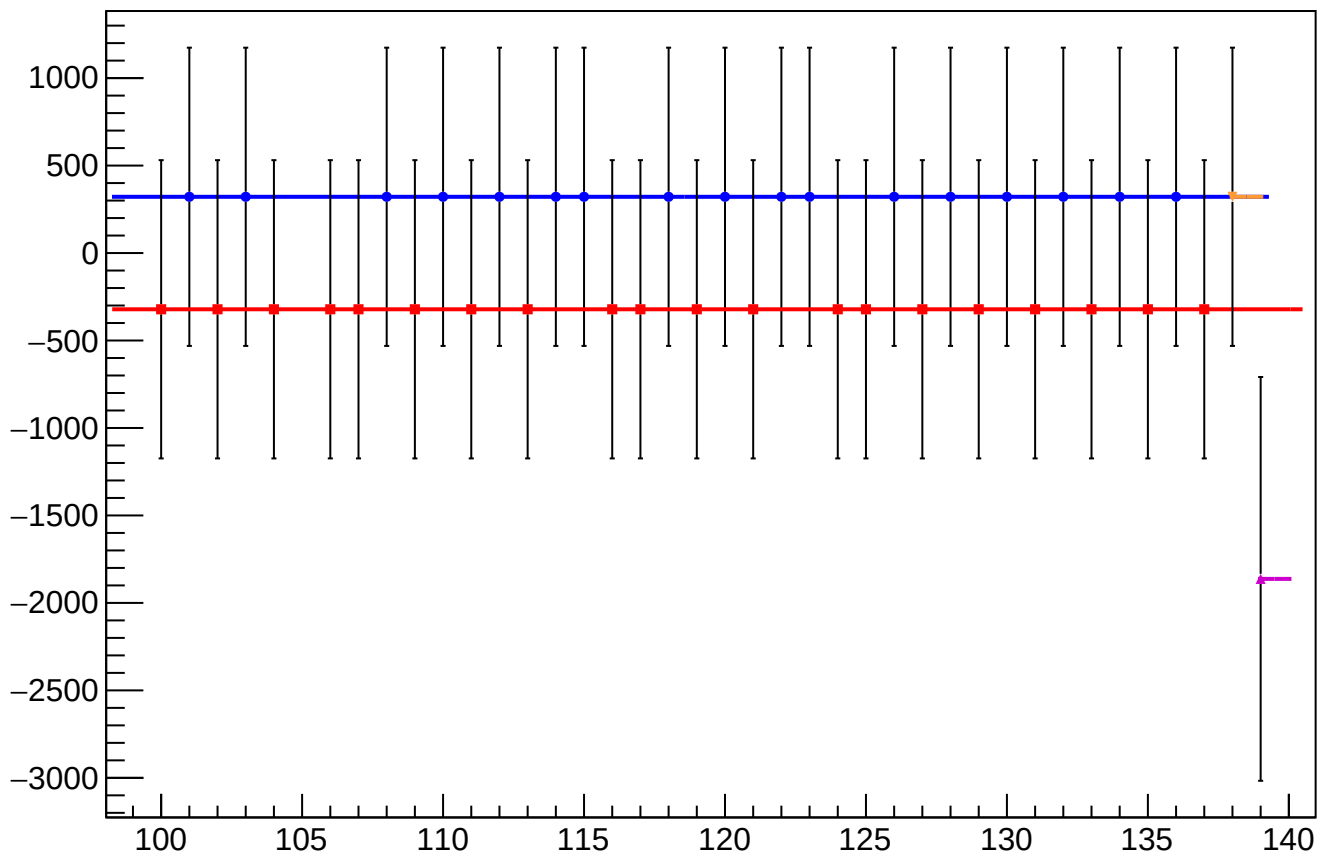
Left In: 808.742+/-0.815 χ^2/NDF : 0.0/0

747.026+/-0.146 χ^2/NDF : 0.0/17

747.955+/-0.100 χ^2/NDF : 5649.9/38

748.767+/-0.137 χ^2/NDF : 5574.4/20

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 321.504 $\pm$ 206.752 χ^2/NDF : 0.0/16

Left Out: 321.504 $\pm$ 852.459 χ^2/NDF : 0.0/0

Right Out: -321.504 $\pm$ 190.616 χ^2/NDF : 0.0/19

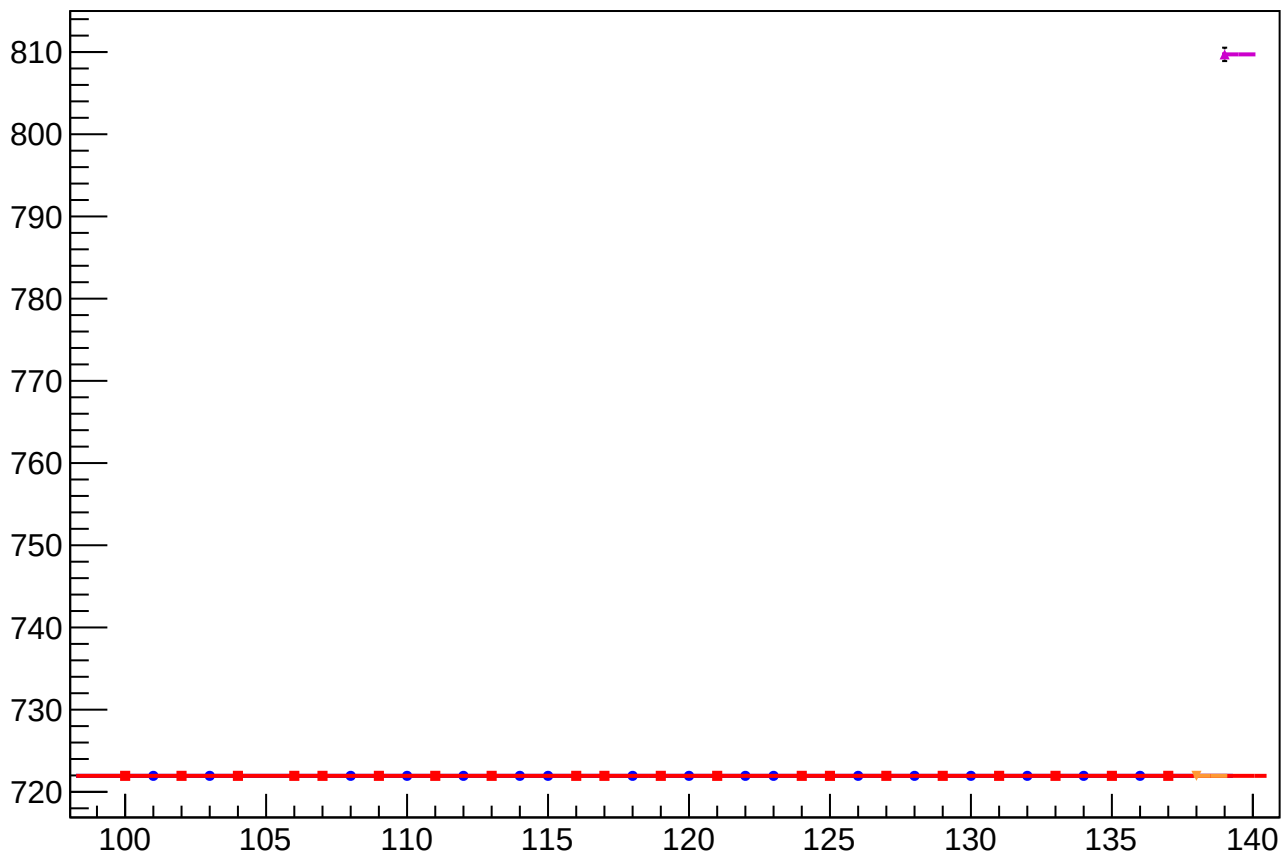
Left In: -1862.677 $\pm$ 1154.157 χ^2/NDF : 0.0/0

321.504 $\pm$ 200.926 χ^2/NDF : 0.0/17

-43.044 $\pm$ 137.305 χ^2/NDF : 7.9/38

-362.425 $\pm$ 188.068 χ^2/NDF : 1.7/20

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 721.950 $\pm$ 0.146 χ^2 /NDF: 0.0/16

Left Out: 721.950 $\pm$ 0.603 χ^2 /NDF: 0.0/0

Right Out: 721.950 $\pm$ 0.135 χ^2 /NDF: 0.0/19

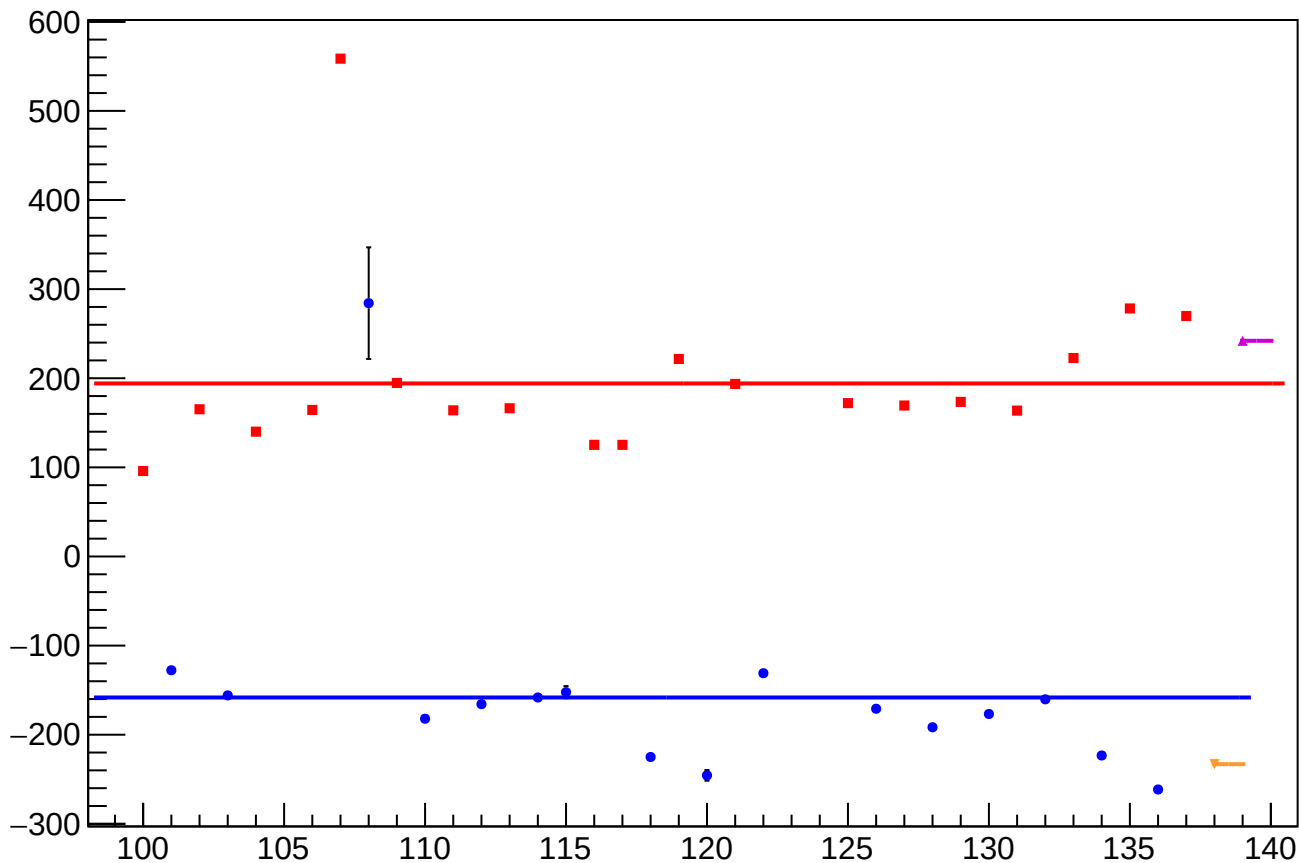
Left In: 809.716 $\pm$ 0.816 χ^2 /NDF: 0.0/0

721.950 $\pm$ 0.142 χ^2 /NDF: 0.0/17

723.192 $\pm$ 0.097 χ^2 /NDF: 11401.6/38

724.280 $\pm$ 0.133 χ^2 /NDF: 11258.2/20

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF : 117166.2/15

Left Out: -233.060+/-0.844 χ^2/NDF : 0.0/0

Right Out: 194.144+/-0.165 χ^2/NDF : 176874.6/18

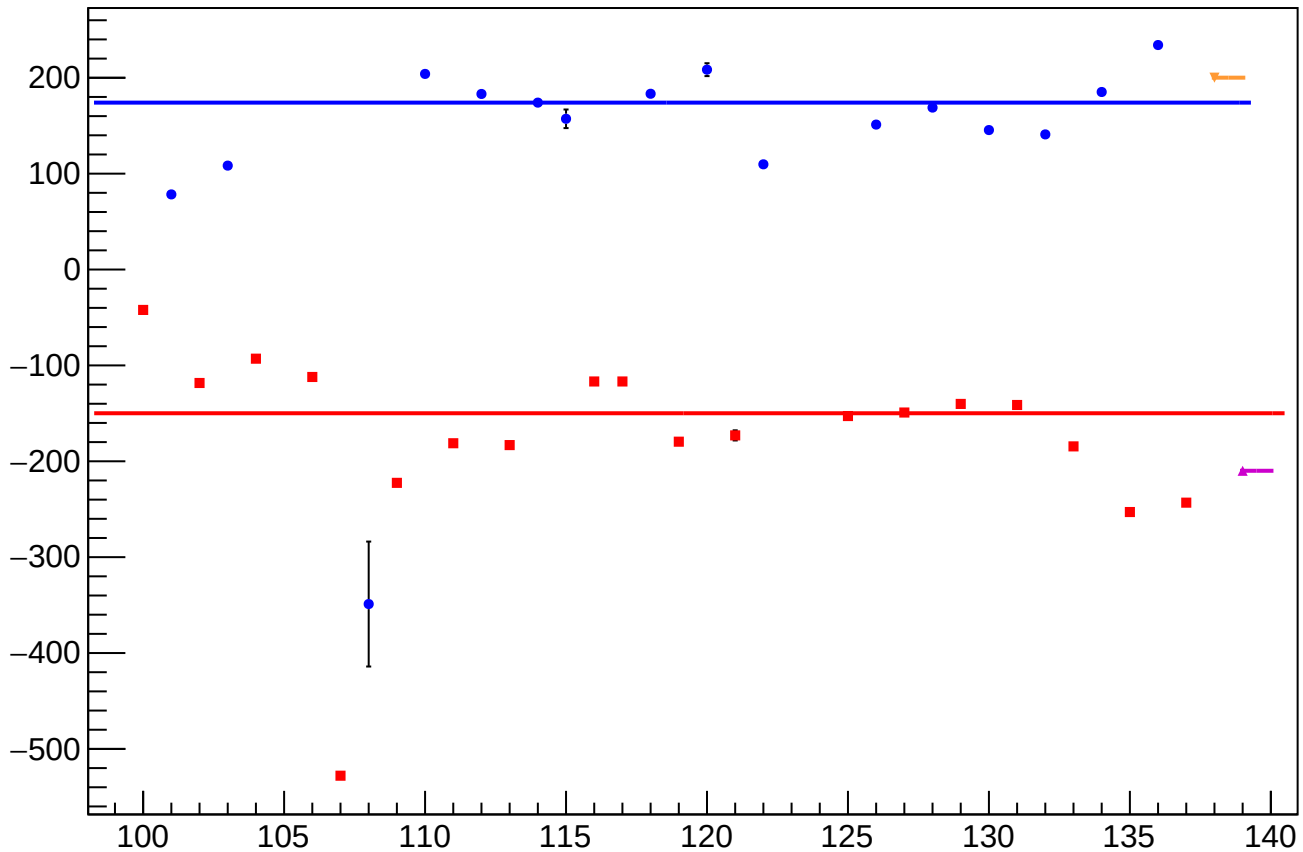
Left In: 242.017+/-0.417 χ^2/NDF : 0.0/0

-158.222+/-0.000 χ^2/NDF : 125033.2/16

-158.222+/-0.000 χ^2/NDF : 5785236.0/36

200.632+/-0.153 χ^2/NDF : 188284.0/19

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 200.113 $\pm$ 0.852 χ^2 /NDF: 0.0/0

Right Out: -149.900 $\pm$ 0.195 χ^2 /NDF: 167887.8/18

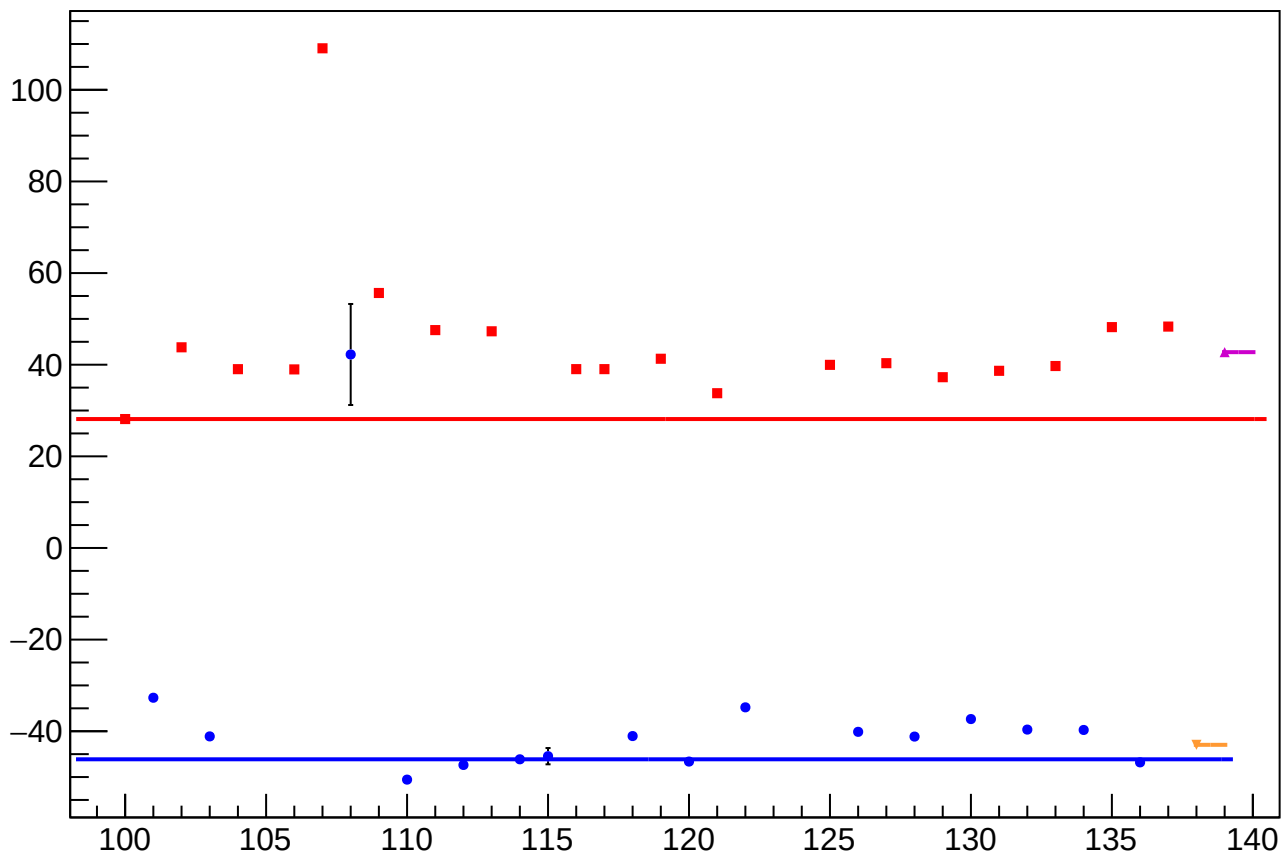
Left In: -209.904 $\pm$ 0.419 χ^2 /NDF: 0.0/0

174.085 $\pm$ 0.000 χ^2 /NDF: 54310.3/16

174.085 $\pm$ 0.000 χ^2 /NDF: 3809874.8/36

-160.605 $\pm$ 0.177 χ^2 /NDF: 184710.7/19

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 : 747096.2/18

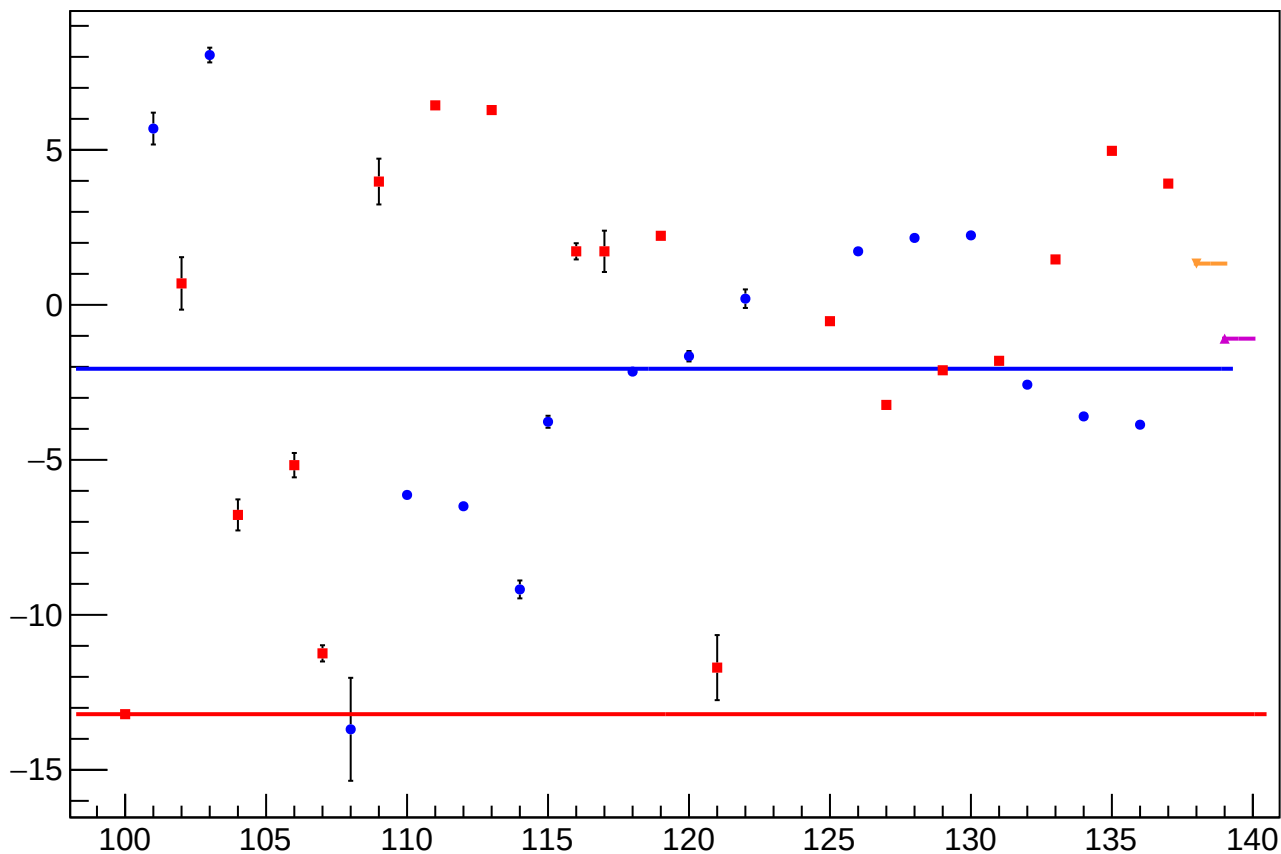
Left In: 42.740 ± 0.045 χ^2/NDF : 0.0/0

-46.126 ± 0.000 χ^2/NDF : 229813.1/16

-19.915 ± 0.000 χ^2/NDF : 424121047777

28.139 ± 0.000 χ^2/NDF : 850784.2/19

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 : 510223.0/18

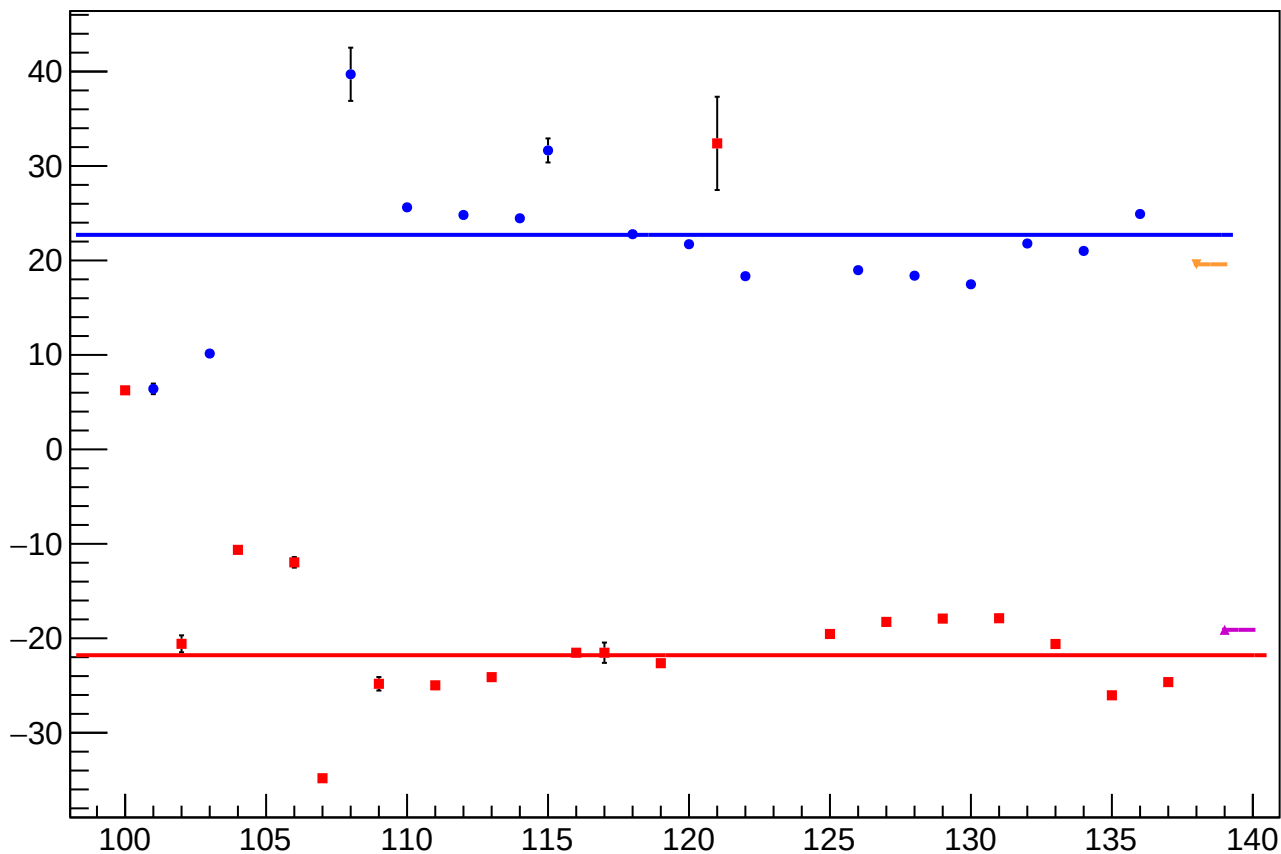
Left In: -1.090 ± 0.064 χ^2/NDF : 0.0/0

-1.669 ± 0.017 χ^2/NDF : 29851.0/16

-13.204 ± 0.000 χ^2/NDF : 1049864.1/36

-13.204 ± 0.000 χ^2/NDF : 546540.9/19

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF : 22767.9/15

Left Out: 19.591+/-0.072 χ^2/NDF : 0.0/0

Right Out: -21.790+/-0.022 χ^2/NDF : 26671.0/18

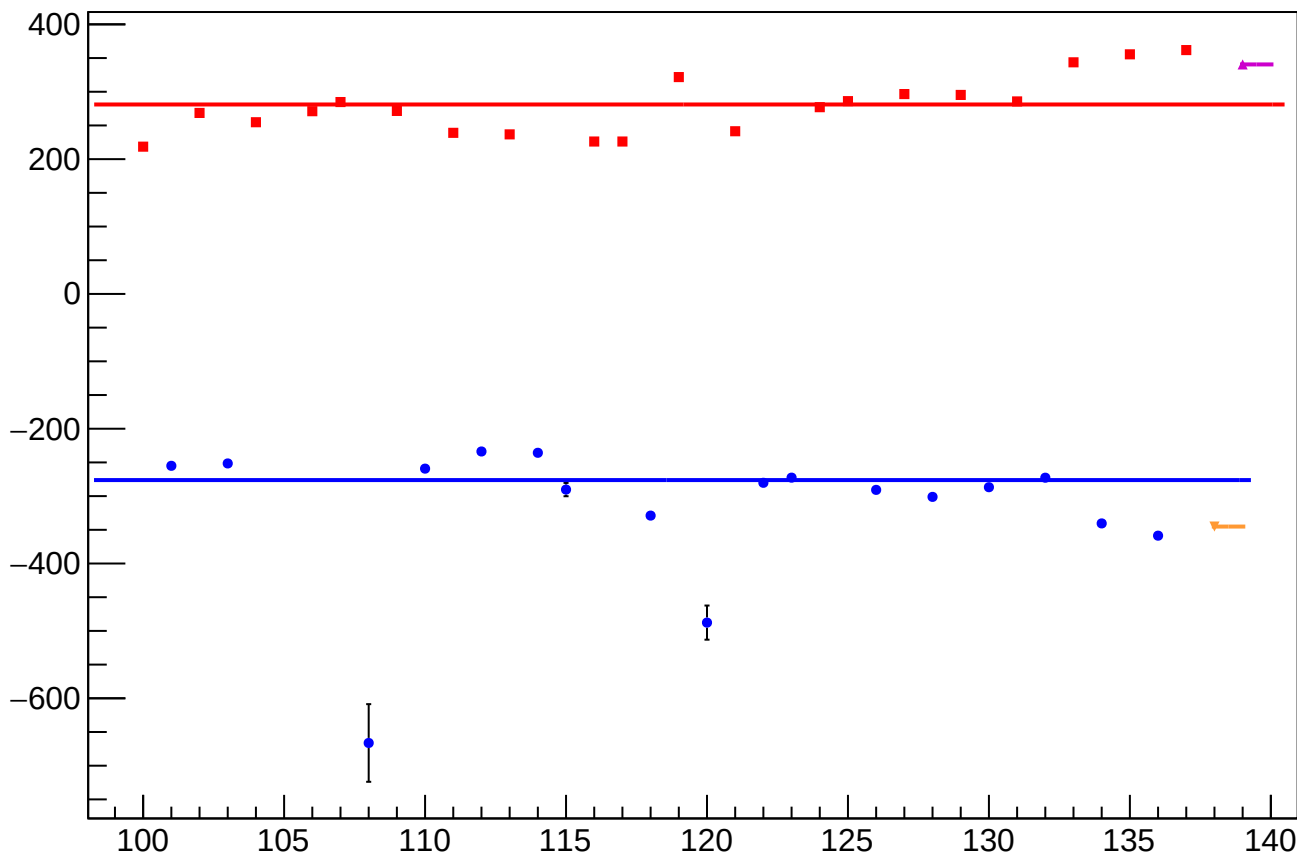
Left In: -19.102+/-0.056 χ^2/NDF : 0.0/0

22.510+/-0.018 χ^2/NDF : 24547.8/16

2.761+/-0.013 χ^2/NDF : 2691185.1/36

-21.444+/-0.020 χ^2/NDF : 28682.1/19

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201 ± 0.167 $\chi^2/\text{NDF}: 58107.7/16$

Left Out: -345.174 ± 0.478 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 281.109 ± 0.147 $\chi^2/\text{NDF}: 77714.4/19$

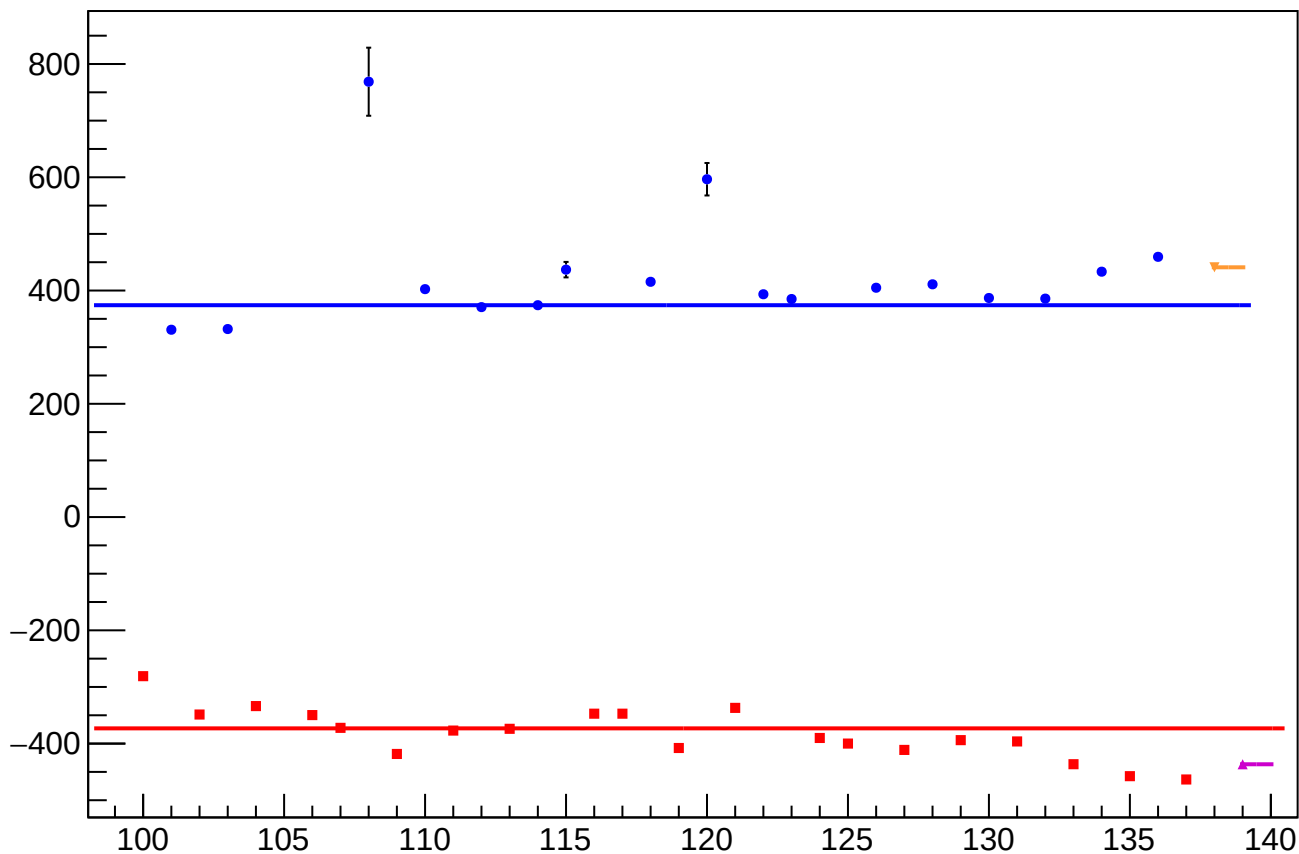
Left In: 340.540 ± 0.508 $\chi^2/\text{NDF}: 0.0/0$

-283.672 ± 0.157 $\chi^2/\text{NDF}: 76679.8/17$

30.747 ± 0.105 $\chi^2/\text{NDF}: 7403890.6/38$

285.734 ± 0.142 $\chi^2/\text{NDF}: 90348.4/20$

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: -373.121+/-0.158 χ^2/NDF : 108233.2/19

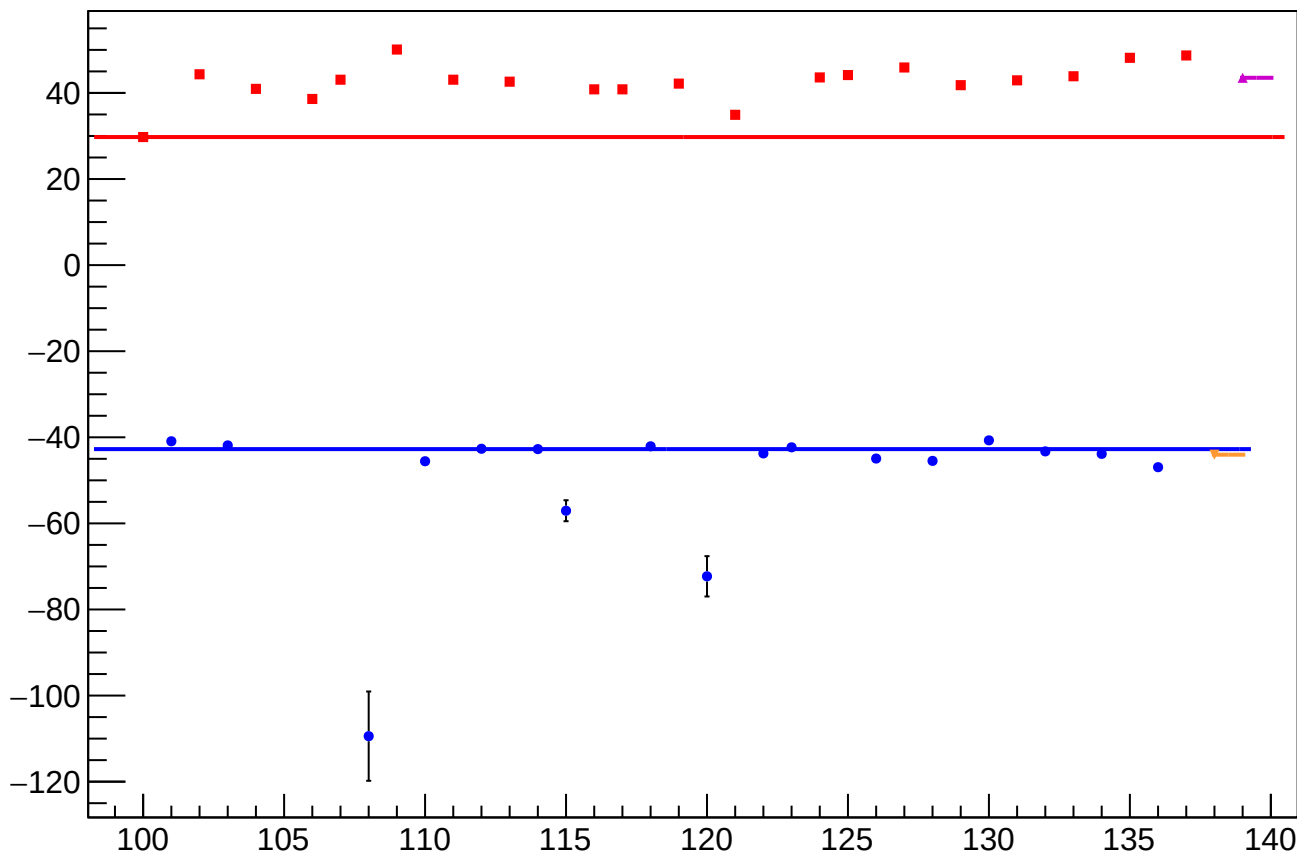
Left In: -436.519+/-0.513 χ^2/NDF : 0.0/0

374.094+/-0.000 χ^2/NDF : 51444.7/17

374.094+/-0.000 χ^2/NDF : 25047197.9/38

-378.606+/-0.151 χ^2/NDF : 122178.3/20

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744 $\pm$ 0.000 χ^2/NDF : 13262.6/16

Left Out: -44.039 $\pm$ 0.025 χ^2/NDF : 0.0/0

Right Out: 29.754 $\pm$ 0.000 χ^2/NDF : 484074.9/19

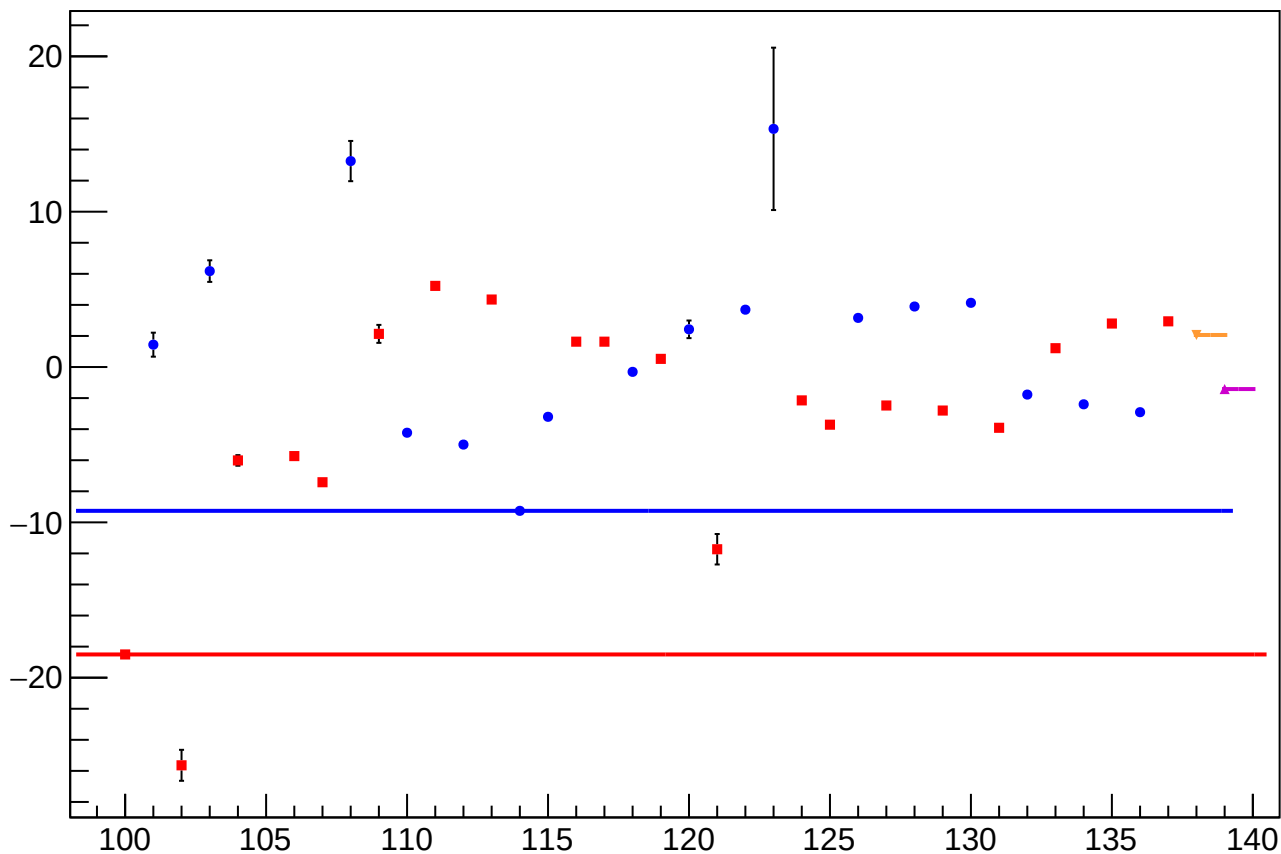
Left In: 43.519 $\pm$ 0.026 χ^2/NDF : 0.0/0

-42.744 $\pm$ 0.000 χ^2/NDF : 15903.7/17

-17.157 $\pm$ 0.000 χ^2/NDF : 404170008922

29.754 $\pm$ 0.000 χ^2/NDF : 770094.2/20

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 : 7585770.7/19

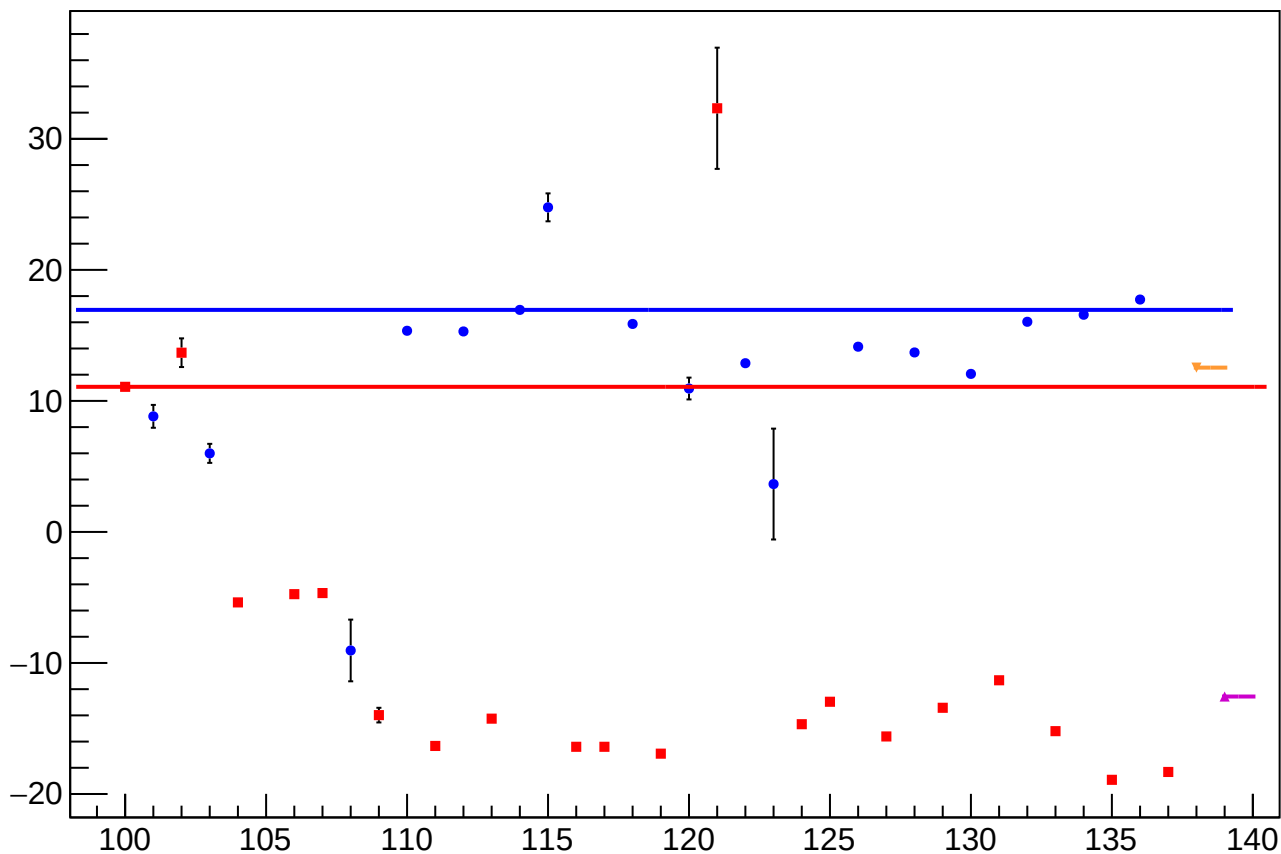
Left In: -1.418+/-0.077 χ^2/NDF : 0.0/0

-9.259+/-0.000 χ^2/NDF : 510477.1/17

-14.353+/-0.000 χ^2/NDF : 182444479817

-18.504+/-0.000 χ^2/NDF : 7635051.9/20

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2 /NDF: 11231.8/16

Left Out: 12.541+/-0.029 χ^2 /NDF: 0.0/0

Right Out: 11.075+/-0.000 χ^2 /NDF: 2859461.1/19

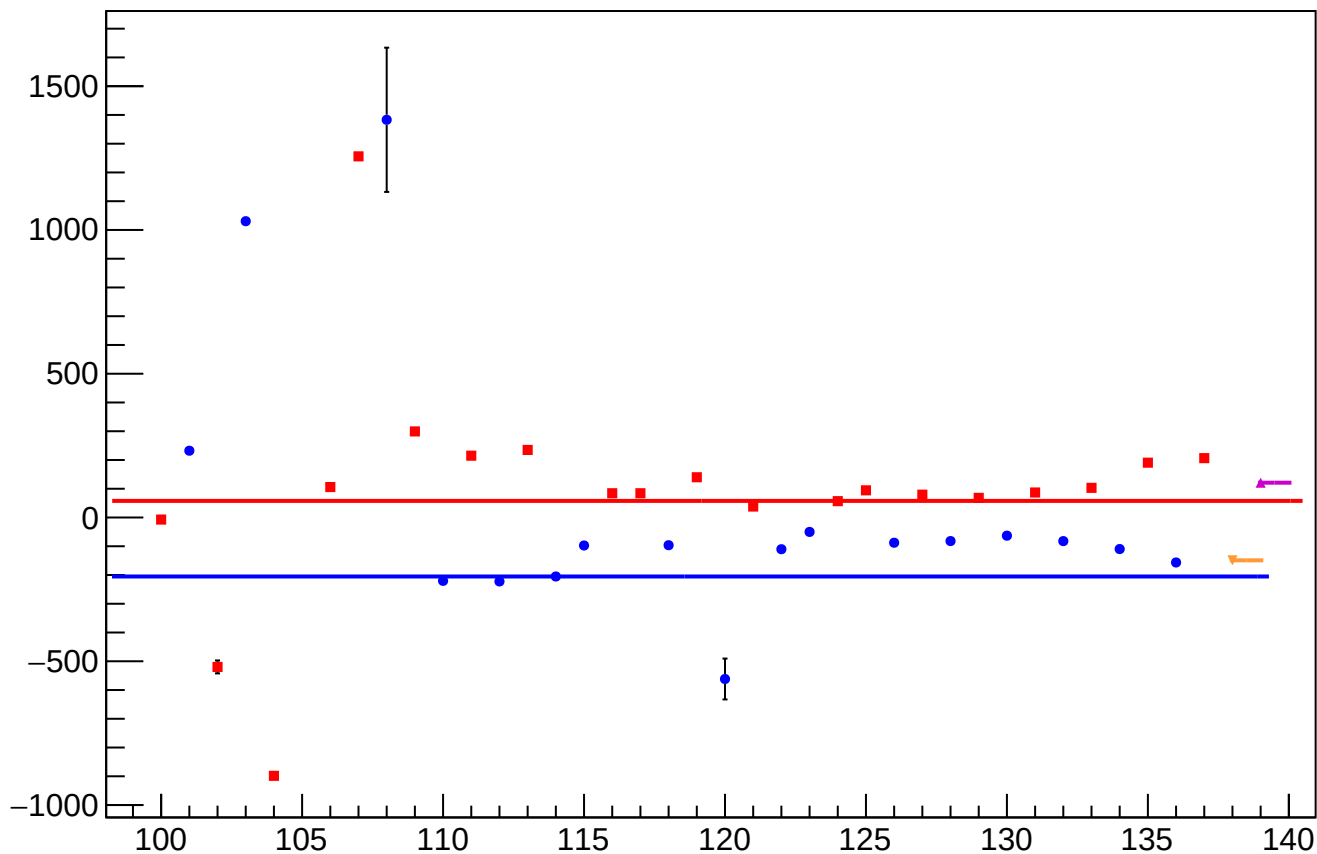
Left In: -12.561+/-0.050 χ^2 /NDF: 0.0/0

16.947+/-0.000 χ^2 /NDF: 34508.7/17

12.920+/-0.000 χ^2 /NDF: 2060373135247

11.075+/-0.000 χ^2 /NDF: 3084986.2/20

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: 57.737+/-0.283 χ^2 /NDF: 114872.3/19

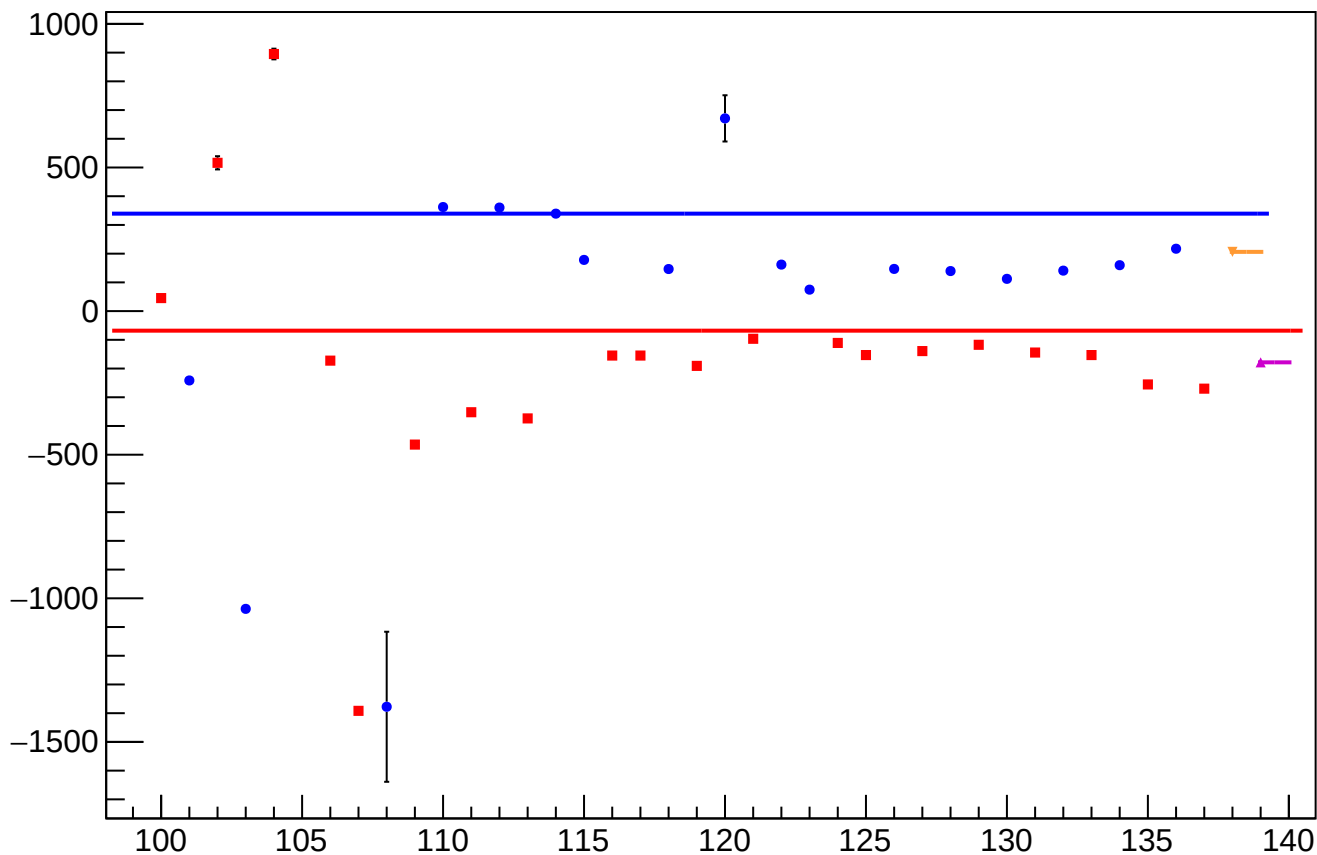
Left In: 121.024+/-1.776 χ^2 /NDF:0.0/0

-205.160+/-0.000 χ^2 /NDF: 589137.1/17

-205.160+/-0.000 χ^2 /NDF: 1600262.5/38

59.304+/-0.280 χ^2 /NDF: 116110.0/20

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: -68.121 ± 0.286 χ^2/NDF : 272433.9/19

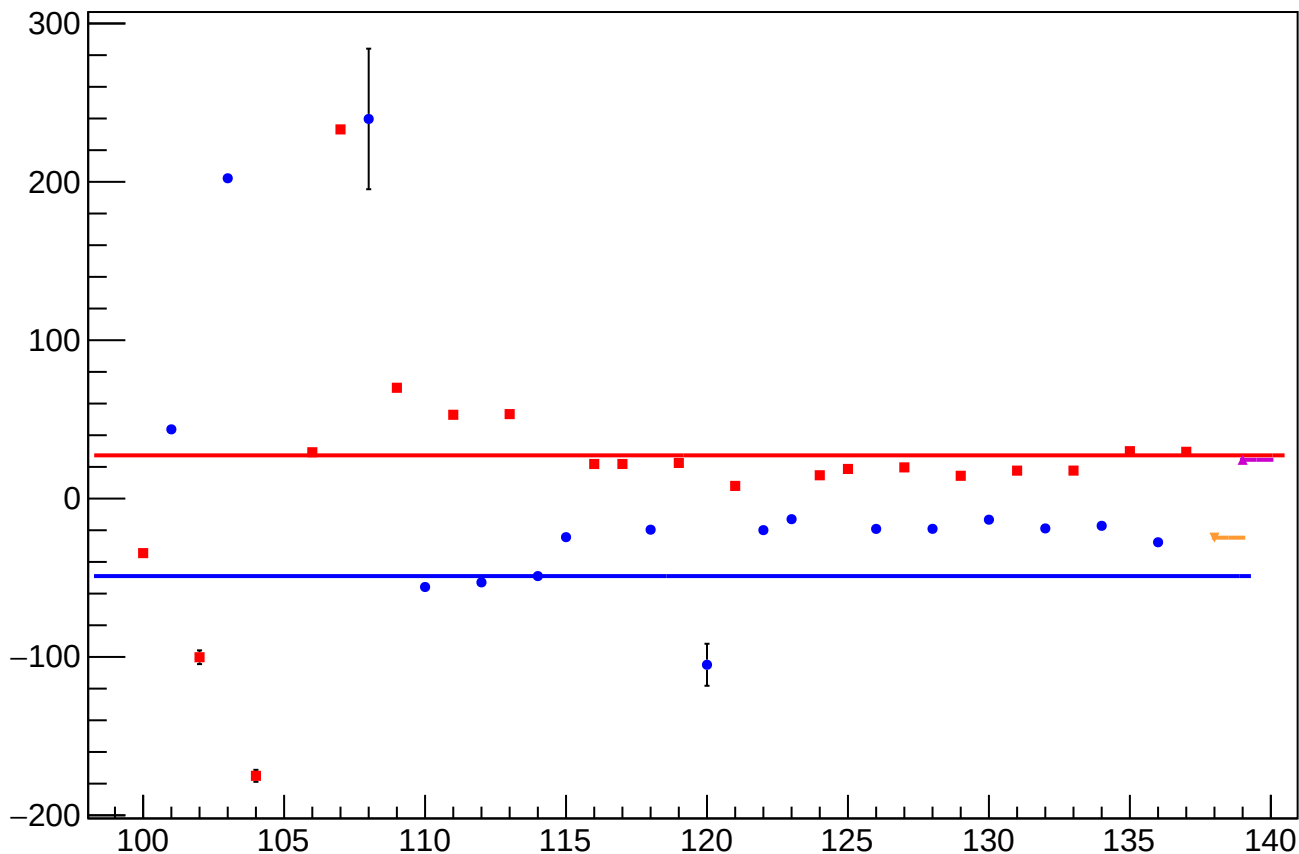
Left In: -178.432 ± 1.785 χ^2/NDF : 0.0/0

339.325 ± 0.000 χ^2/NDF : 1065642.6/17

339.325 ± 0.000 χ^2/NDF : 3452959.5/38

-70.881 ± 0.282 χ^2/NDF : 276158.6/20

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5408370.4/16$

Left Out: -24.686 ± 0.025 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 27.292 ± 0.052 $\chi^2/\text{NDF}: 167901.6/19$

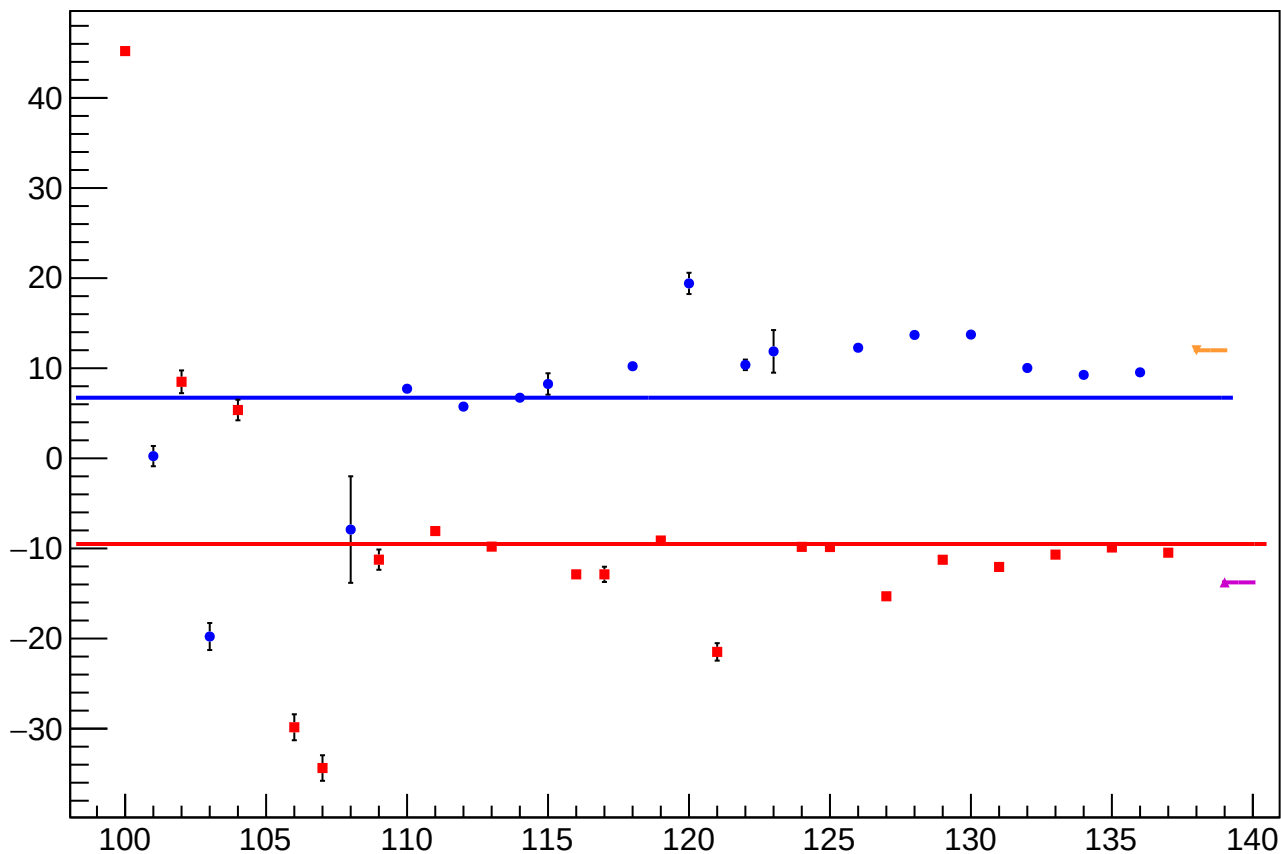
Left In: 24.489 ± 0.048 $\chi^2/\text{NDF}: 0.0/0$

-48.945 ± 0.000 $\chi^2/\text{NDF}: 6344808.4/17$

-48.945 ± 0.000 $\chi^2/\text{NDF}: 11034932.7/38$

25.788 ± 0.035 $\chi^2/\text{NDF}: 169483.0/20$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 ± 0.000 $\chi^2/\text{NDF}: 13749.2/16$

Left Out: 11.991 ± 0.073 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -9.508 ± 0.036 $\chi^2/\text{NDF}: 26838.0/19$

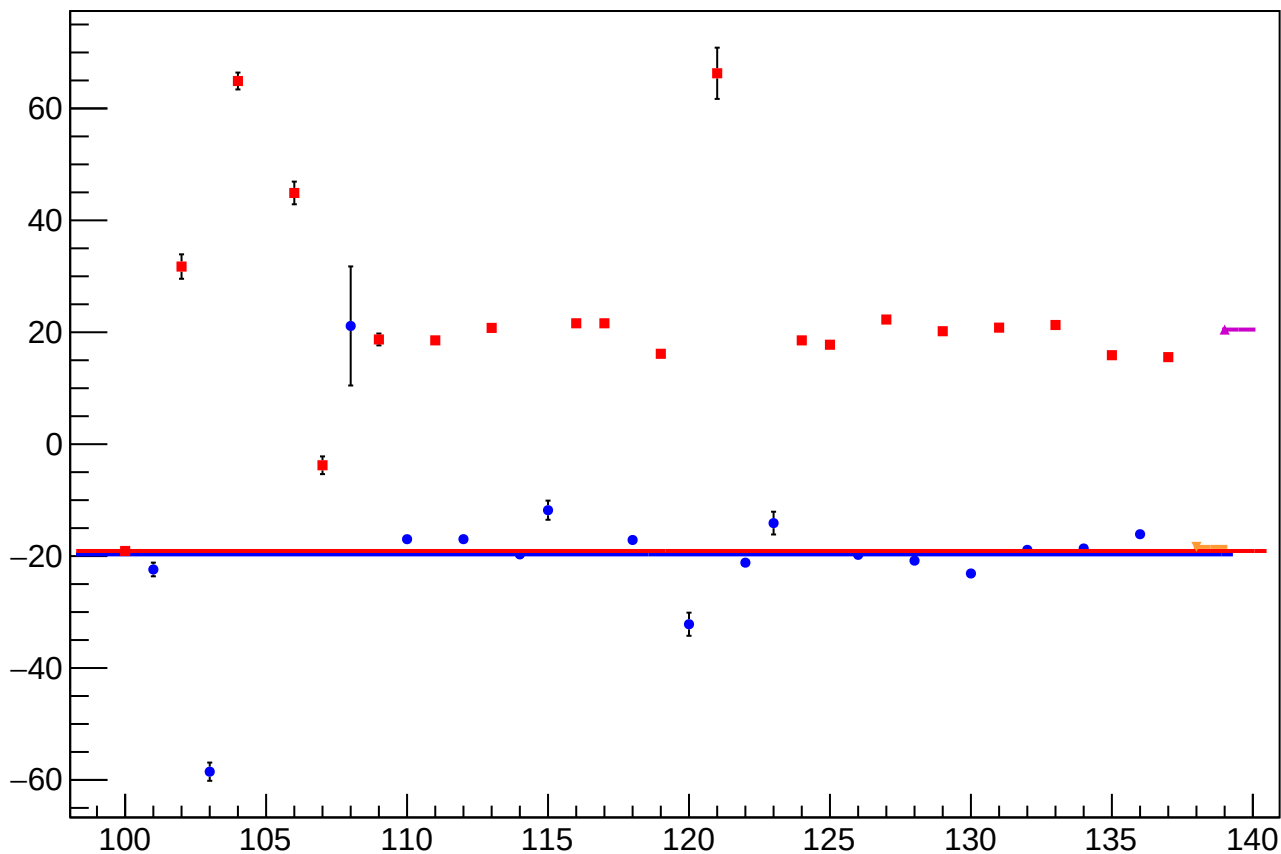
Left In: -13.769 ± 0.103 $\chi^2/\text{NDF}: 0.0/0$

6.728 ± 0.000 $\chi^2/\text{NDF}: 18925.1/17$

6.728 ± 0.000 $\chi^2/\text{NDF}: 293573.5/38$

-9.963 ± 0.034 $\chi^2/\text{NDF}: 28368.6/20$

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 : 614503.5/19

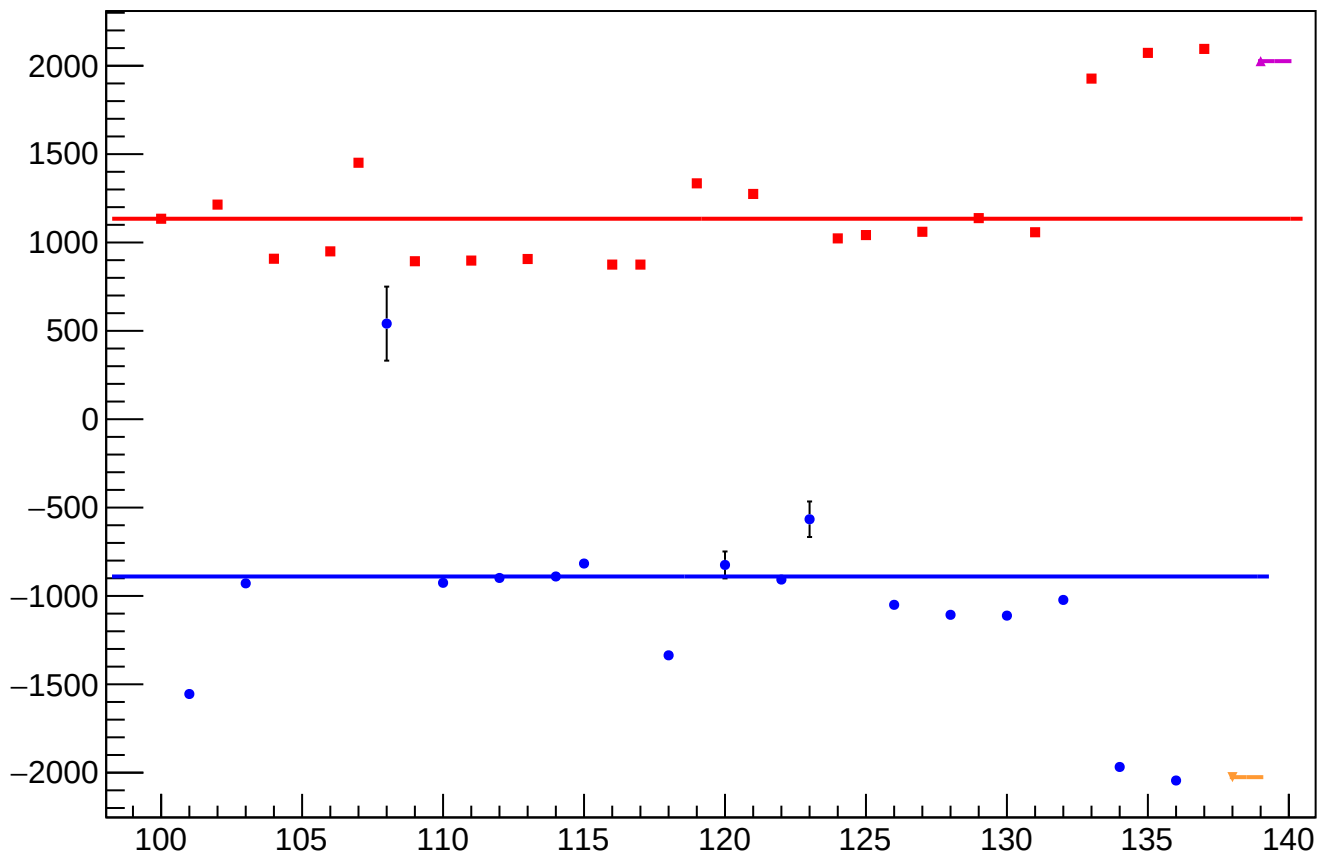
Left In: 20.482+/-0.107 χ^2/NDF : 0.0/0

-19.693+/-0.000 χ^2/NDF : 7702.2/17

-19.479+/-0.000 χ^2/NDF : 113264166208

-19.086+/-0.000 χ^2/NDF : 749990.0/20

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 : 735976.1/19

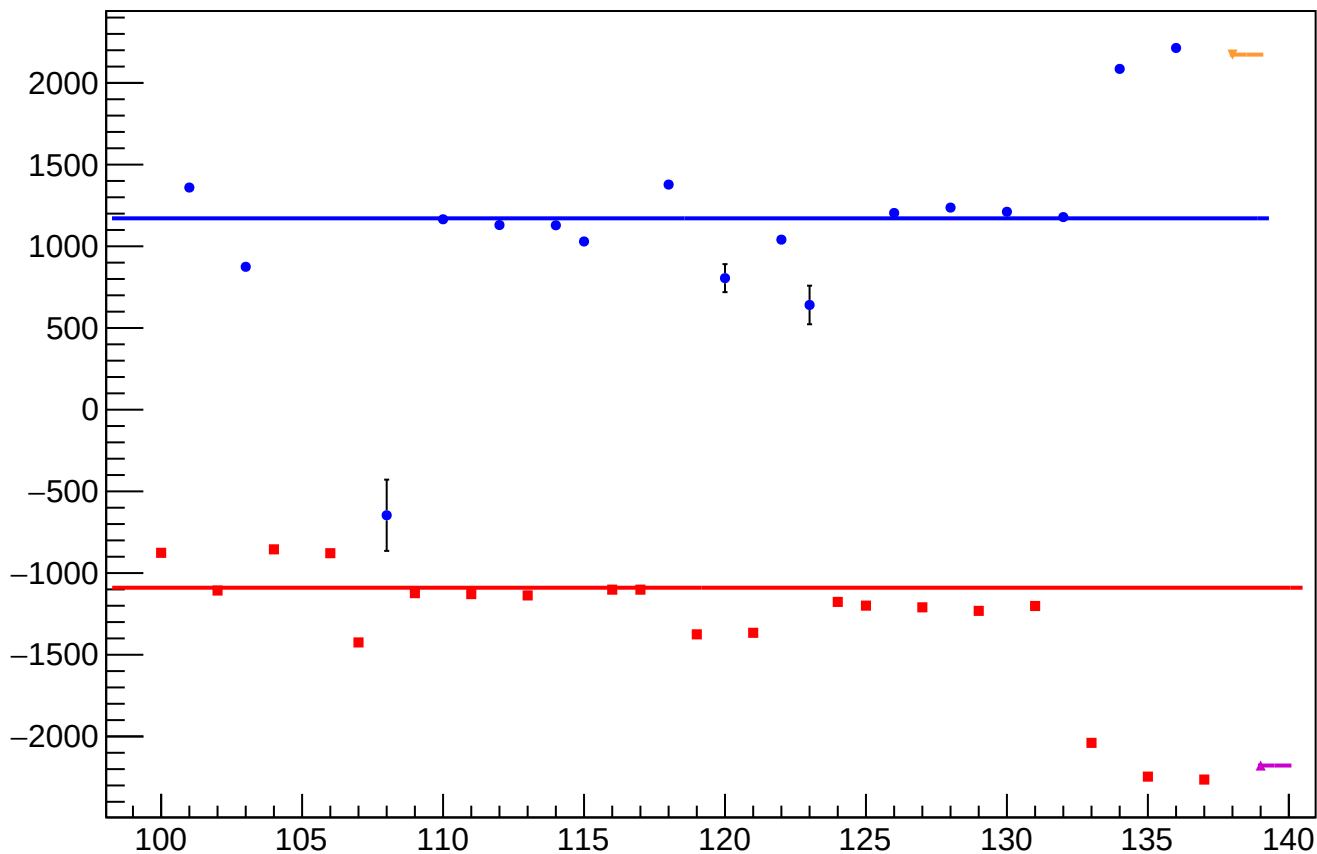
Left In: 2026.207+/-2.023 χ^2/NDF : 0.0/0

-889.928+/-0.000 χ^2/NDF : 1017689.4/17

-175.452+/-0.000 χ^2/NDF : 30774122941

1134.421+/-0.000 χ^2/NDF : 930256.5/20

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188 ± 0.245 $\chi^2/\text{NDF}: 508989.2/16$

Left Out: 2173.217 ± 2.263 $\chi^2/\text{NDF}: 0.0/0$

1182.836 ± 0.244 $\chi^2/\text{NDF}: 702844.2/17$

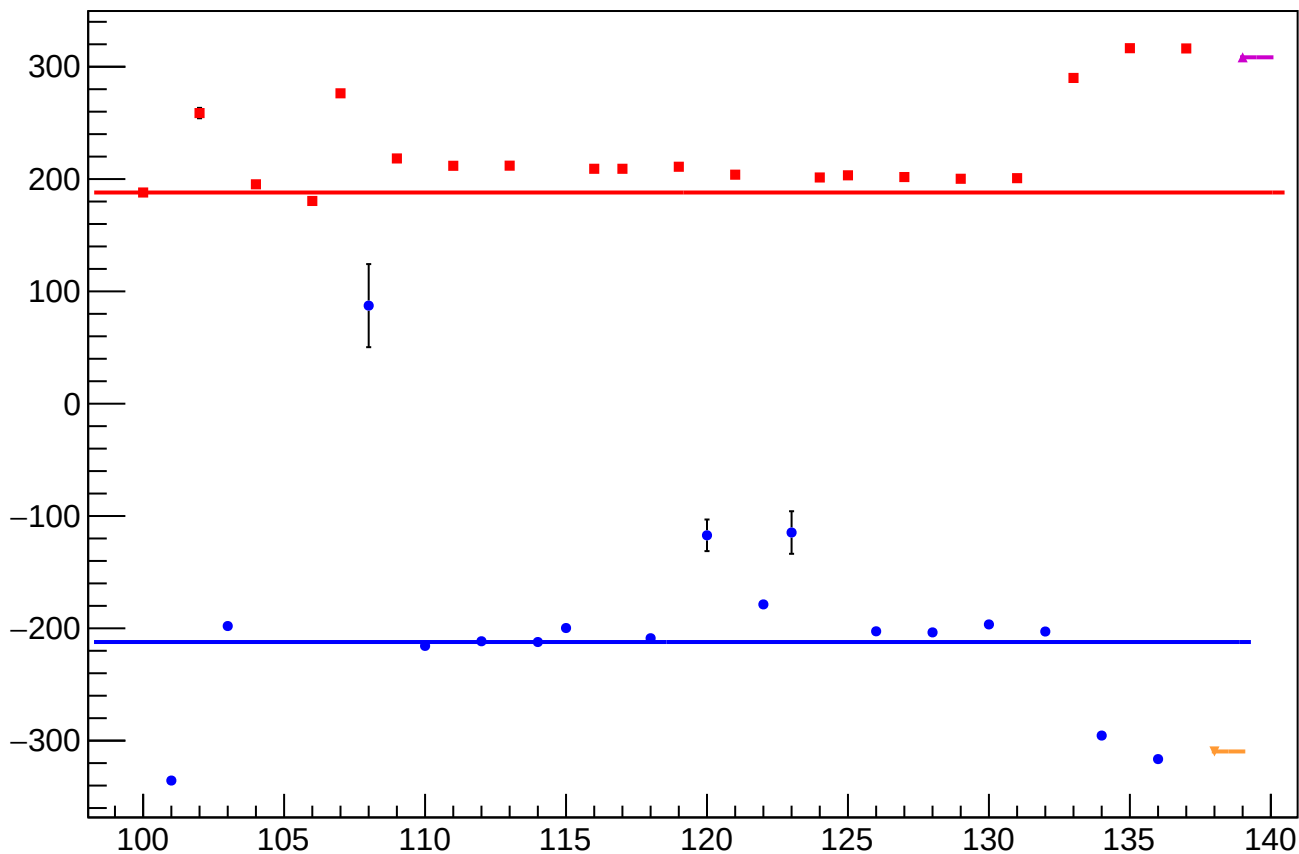
Right Out: -1089.717 ± 0.253 $\chi^2/\text{NDF}: 1100324.0/19$

74.052 ± 0.175 $\chi^2/\text{NDF}: 44685674.6/38$

Left In: -2177.937 ± 2.132 $\chi^2/\text{NDF}: 0.0/0$

-1104.867 ± 0.252 $\chi^2/\text{NDF}: 1357256.2/20$

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -309.634+/-0.077 χ^2/NDF : 0.0/0

Right Out: 188.033+/-0.000 χ^2/NDF : 602532.6/19

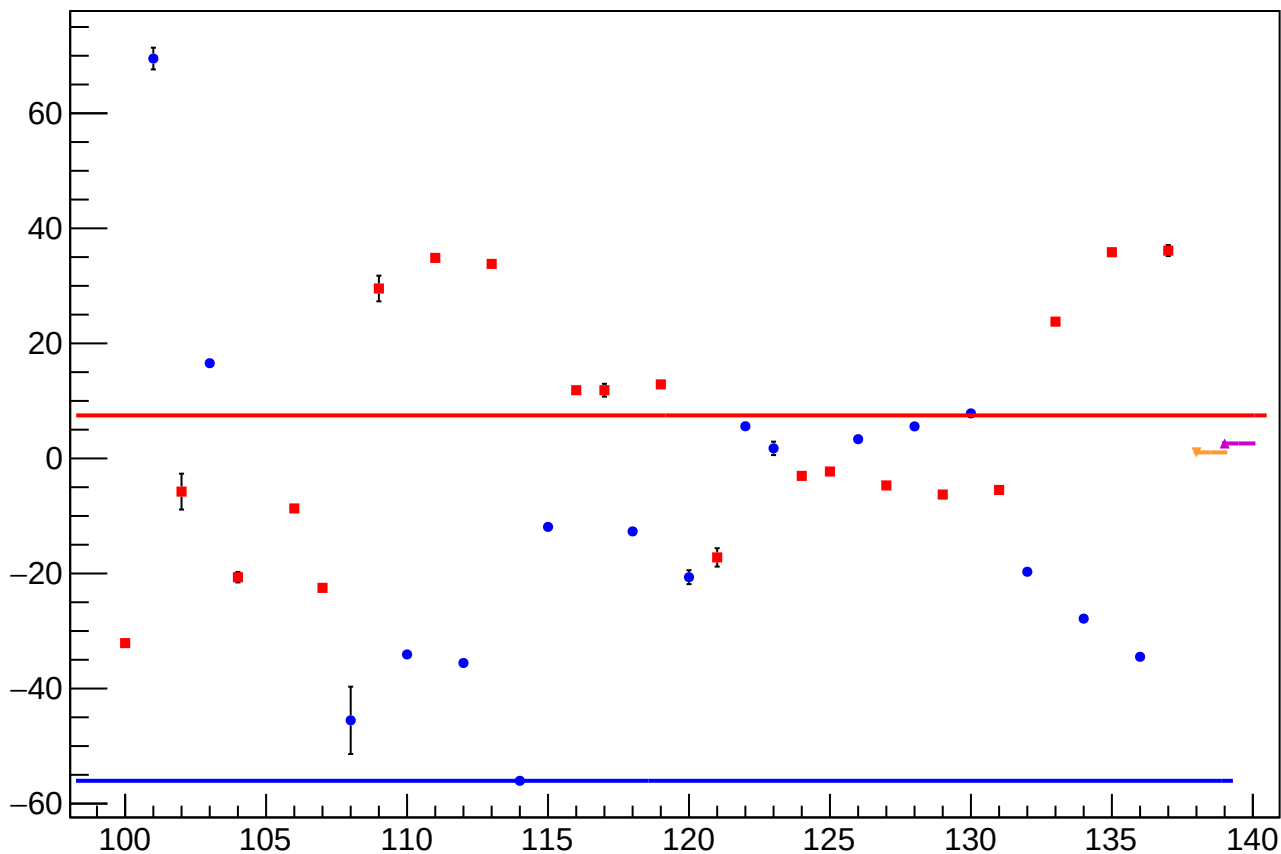
Left In: 308.403+/-0.218 χ^2/NDF : 0.0/0

-212.190+/-0.000 χ^2/NDF : 2769190.8/17

62.249+/-0.000 χ^2/NDF : 3739212703286

188.033+/-0.000 χ^2/NDF : 906055.3/20

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: 7.483 ± 0.042 χ^2/NDF : 173909.3/19

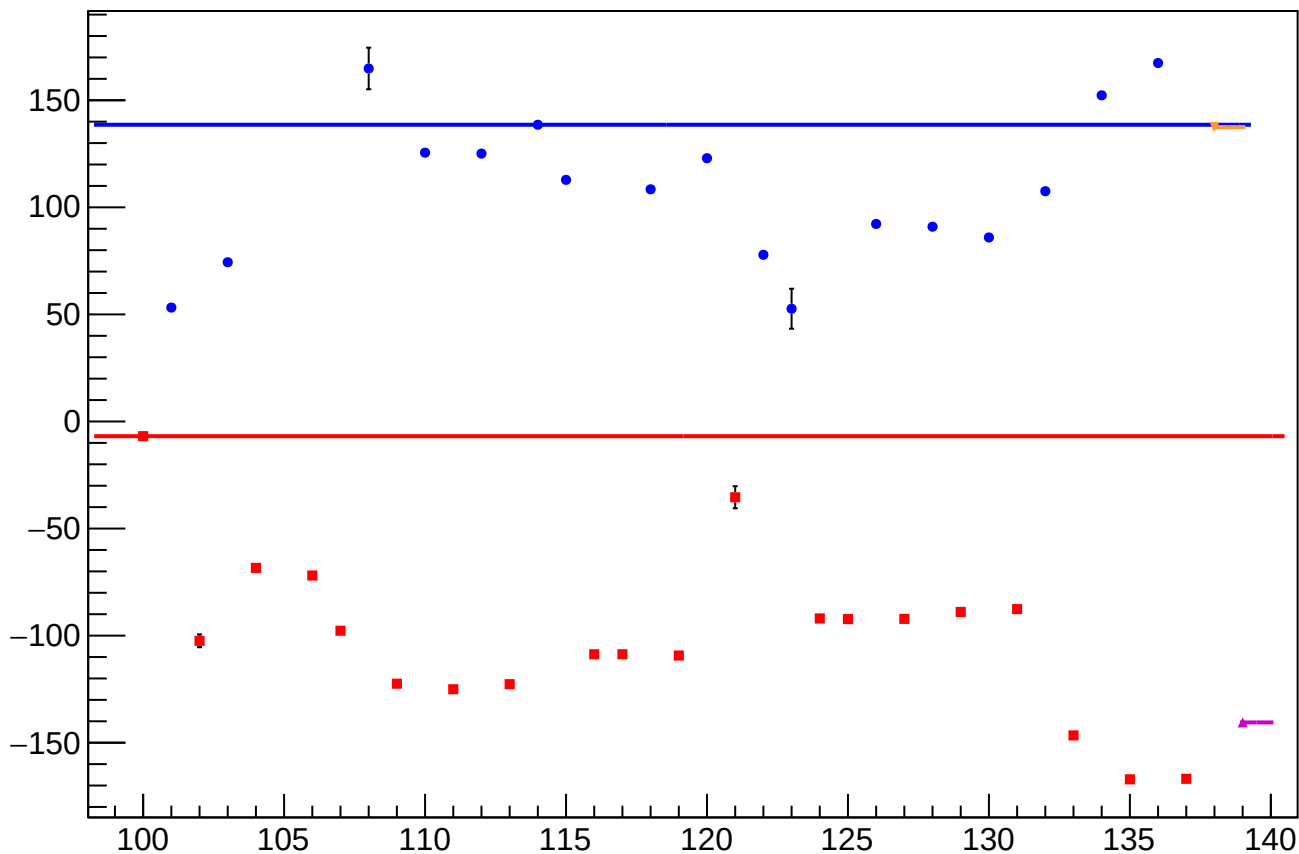
Left In: 2.604 ± 0.212 χ^2/NDF : 0.0/0

-56.037 ± 0.000 χ^2/NDF : 1606705.4/17

-56.037 ± 0.000 χ^2/NDF : 4128167.7/38

7.298 ± 0.041 χ^2/NDF : 174417.4/20

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: 8049995.3/19

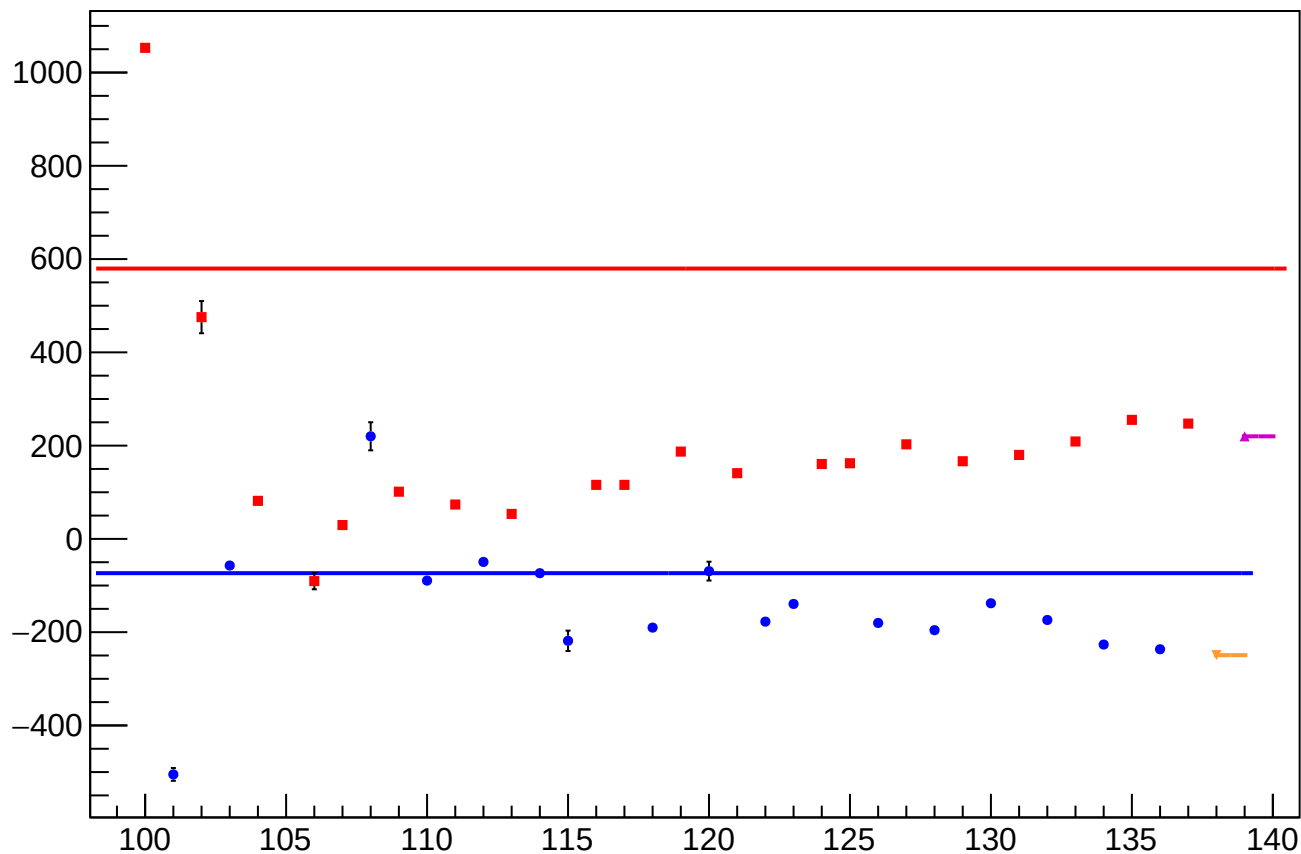
Left In: -140.534 $\pm$ 0.171 χ^2 /NDF: 0.0/0

138.565 $\pm$ 0.000 χ^2 /NDF: 901168.9/17

-6.606 $\pm$ 0.000 χ^2 /NDF: 2874933987256

-6.866 $\pm$ 0.000 χ^2 /NDF: 8659664.8/20

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485 ± 0.000 χ^2/NDF : 98703.2/16

Left Out: -249.286 ± 0.788 χ^2/NDF : 0.0/0

Right Out: 579.681 ± 0.261 χ^2/NDF : 3035573.4/19

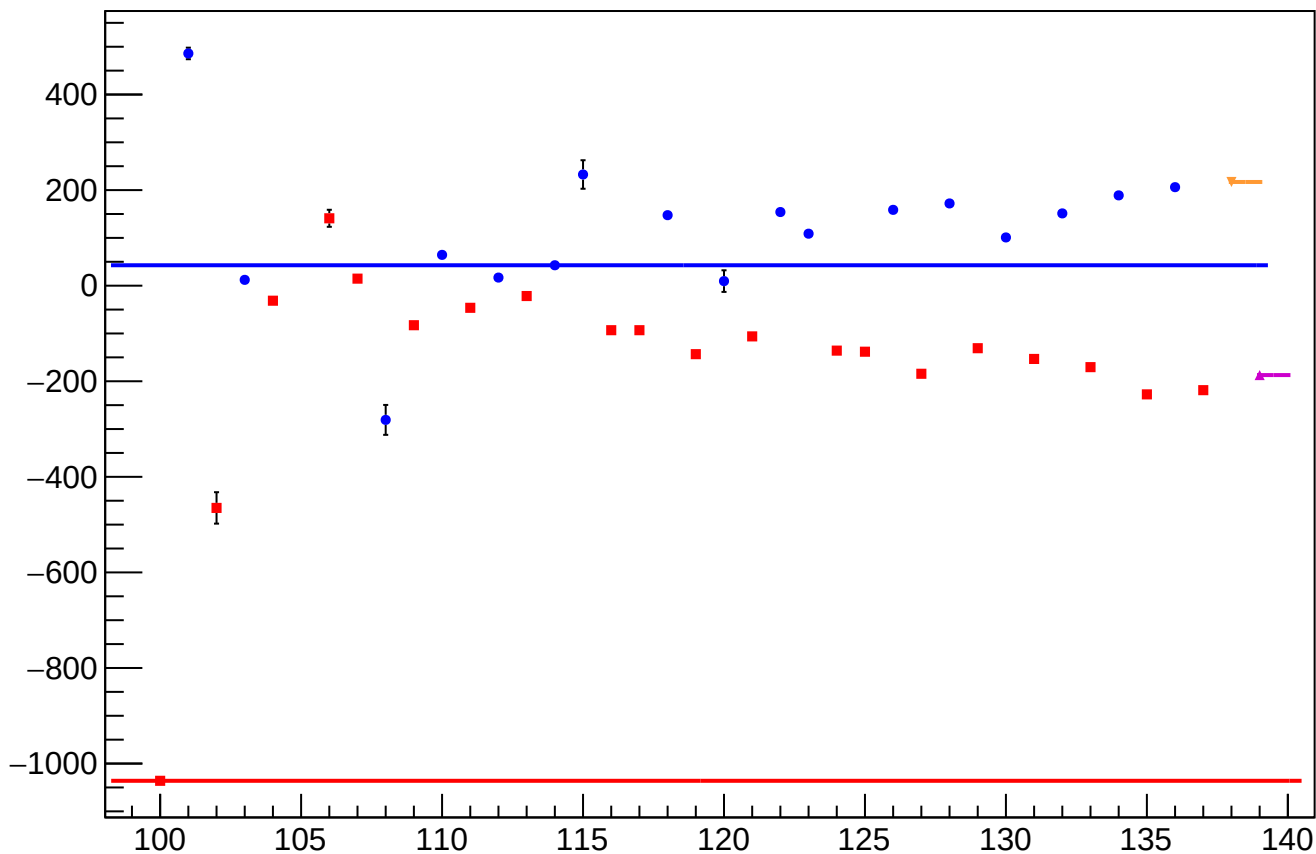
Left In: 219.958 ± 3.249 χ^2/NDF : 0.0/0

-73.485 ± 0.000 χ^2/NDF : 148516.3/17

-73.485 ± 0.000 χ^2/NDF : 9465674.5/38

577.378 ± 0.260 χ^2/NDF : 3047753.7/20

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 : 4943495.9/19

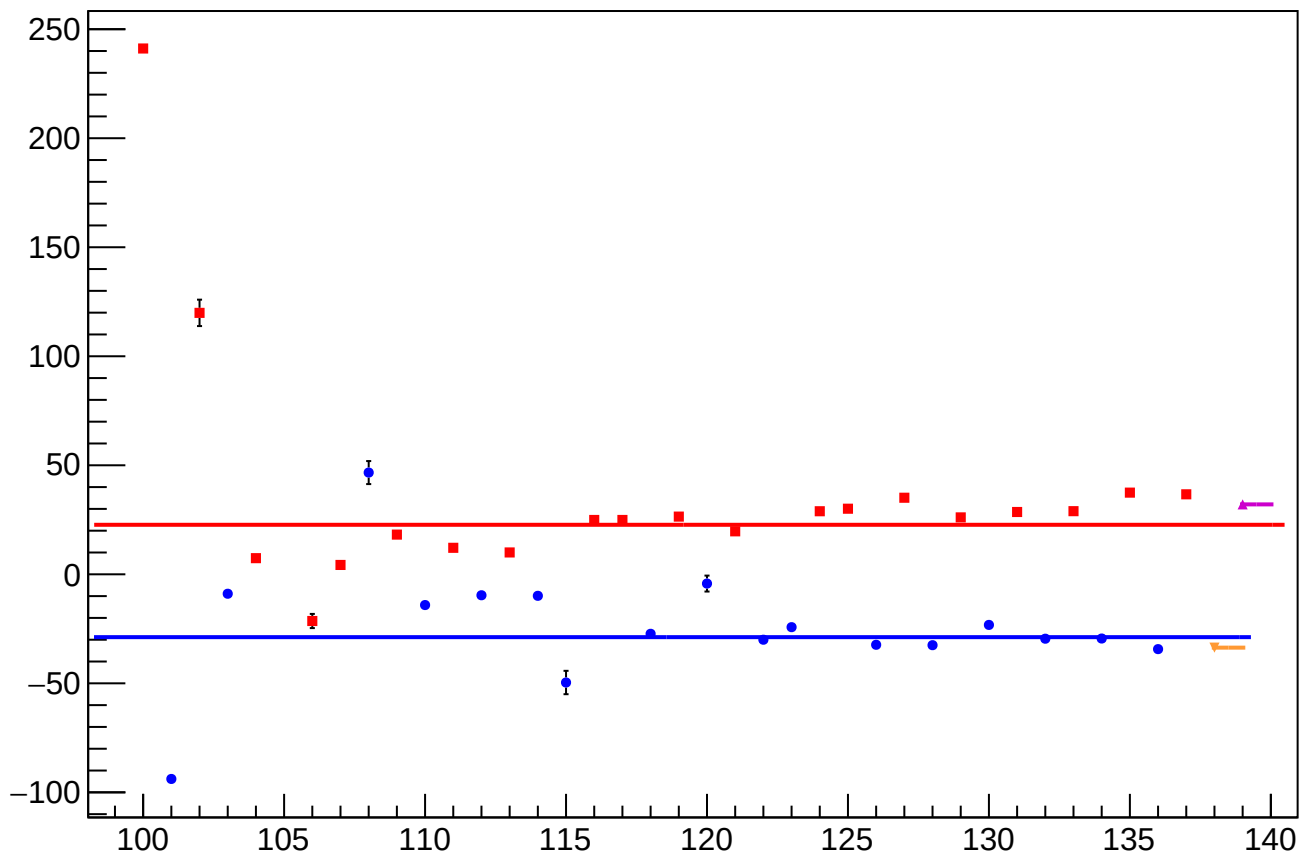
Left In: -187.058+/-3.332 χ^2/NDF : 0.0/0

42.743+/-0.000 χ^2/NDF : 131019.7/17

42.169+/-0.000 χ^2/NDF : 1349990775639

-1036.068+/-0.000 χ^2/NDF : 5008422.7/20

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -33.631 ± 0.037 χ^2/NDF : 0.0/0

Right Out: 22.709 ± 0.038 χ^2/NDF : 410178.0/19

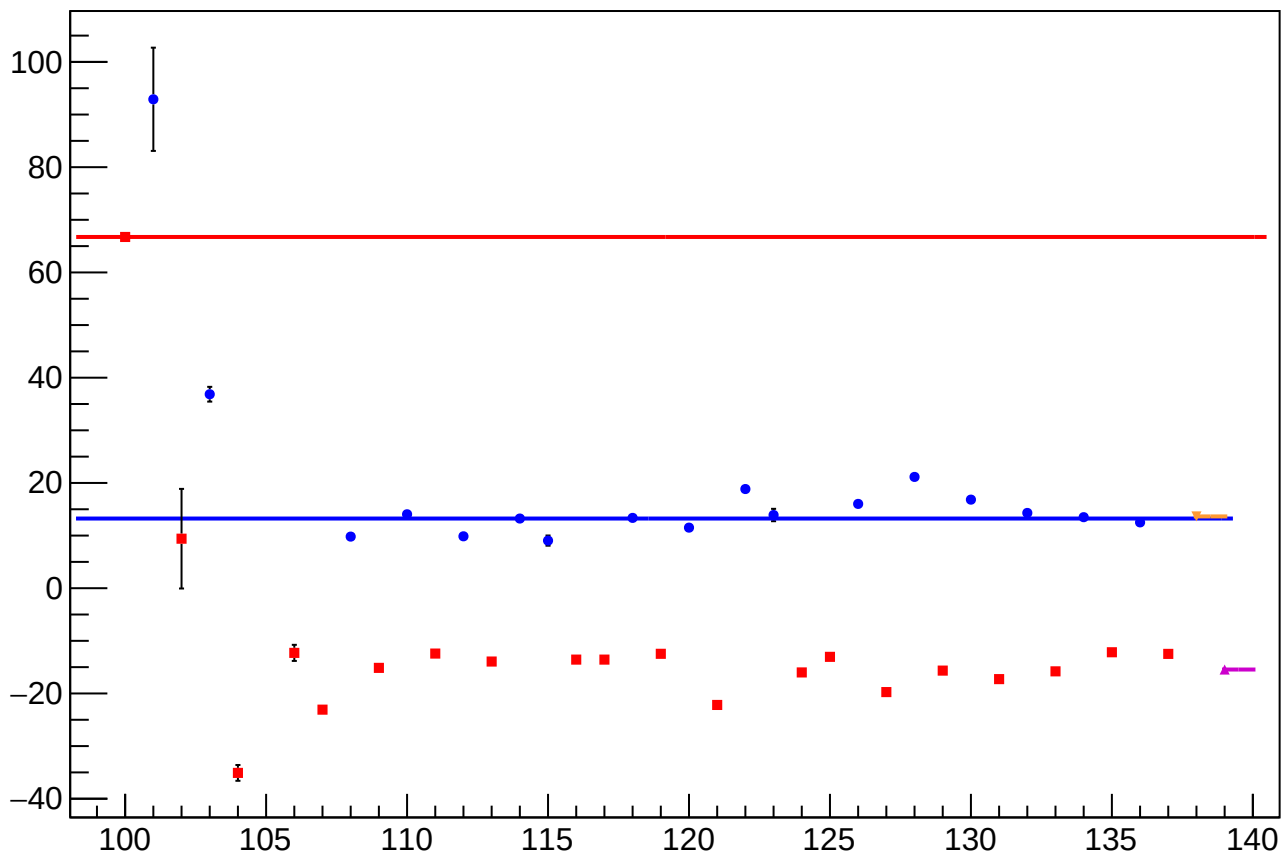
Left In: 32.066 ± 0.103 χ^2/NDF : 0.0/0

-31.044 ± 0.025 χ^2/NDF : 58354.9/17

-12.533 ± 0.021 χ^2/NDF : 2039781.3/38

23.828 ± 0.036 χ^2/NDF : 417405.8/20

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.639+/-0.141 χ^2/NDF : 0.0/0

Right Out: 66.739+/-0.000 χ^2/NDF : 3031217.4/19

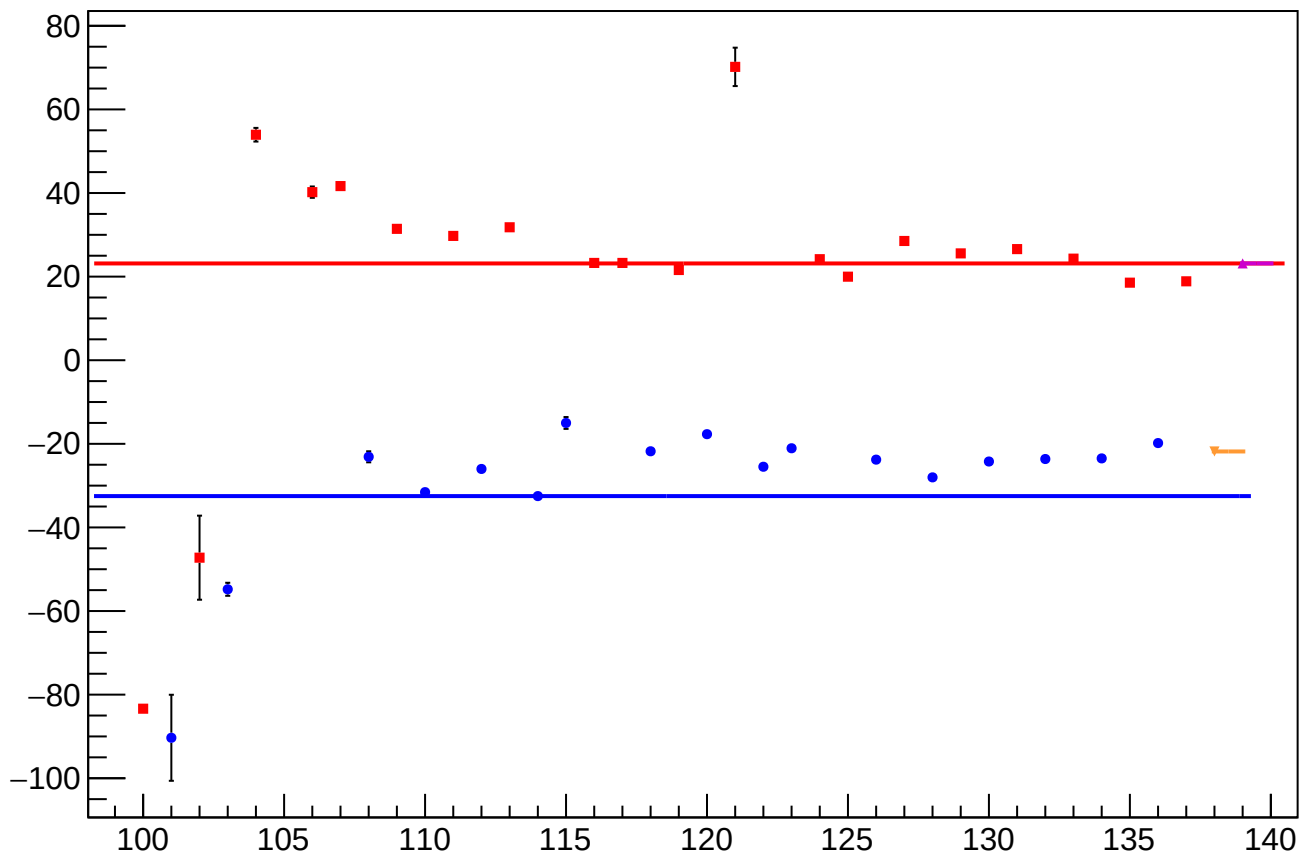
Left In: -15.452+/-0.118 χ^2/NDF : 0.0/0

13.238+/-0.000 χ^2/NDF : 5764.3/17

13.690+/-0.000 χ^2/NDF : 8432486222043

66.739+/-0.000 χ^2/NDF : 3519723.6/20

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504 $\pm$ 0.000 χ^2 /NDF: 74187.4/16

Left Out: -21.827 $\pm$ 0.121 χ^2 /NDF: 0.0/0

Right Out: 23.151 $\pm$ 0.048 χ^2 /NDF: 90749.4/19

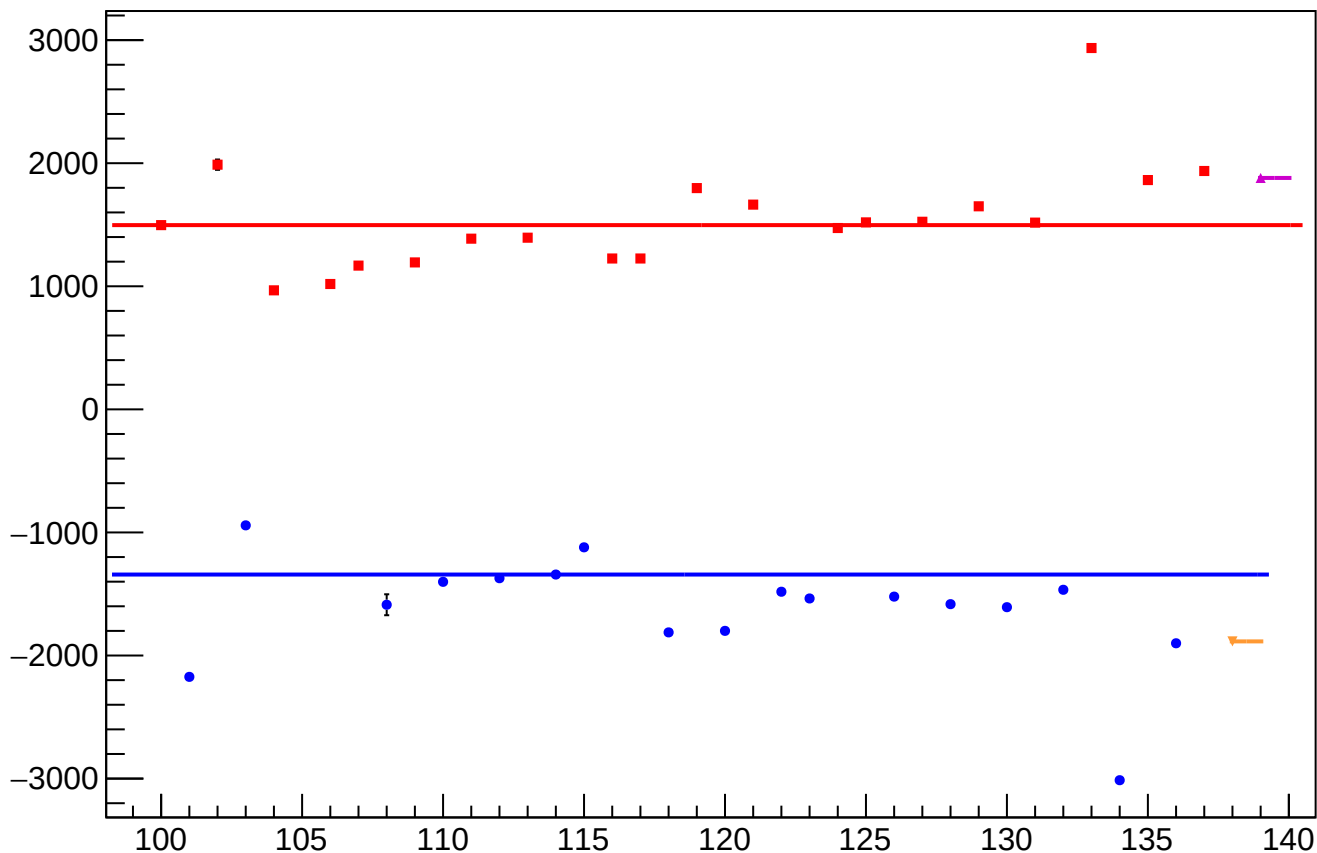
Left In: 23.160 $\pm$ 0.176 χ^2 /NDF: 0.0/0

-32.504 $\pm$ 0.000 χ^2 /NDF: 81922.4/17

-32.504 $\pm$ 0.000 χ^2 /NDF: 1641697.4/38

23.152 $\pm$ 0.046 χ^2 /NDF: 90749.4/20

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107 $\pm$ 0.000 χ^2/NDF : 370901.4/16

Left Out: -1885.271 $\pm$ 2.609 χ^2/NDF : 0.0/0

Right Out: 1496.932 $\pm$ 0.000 χ^2/NDF : 505489.3/19

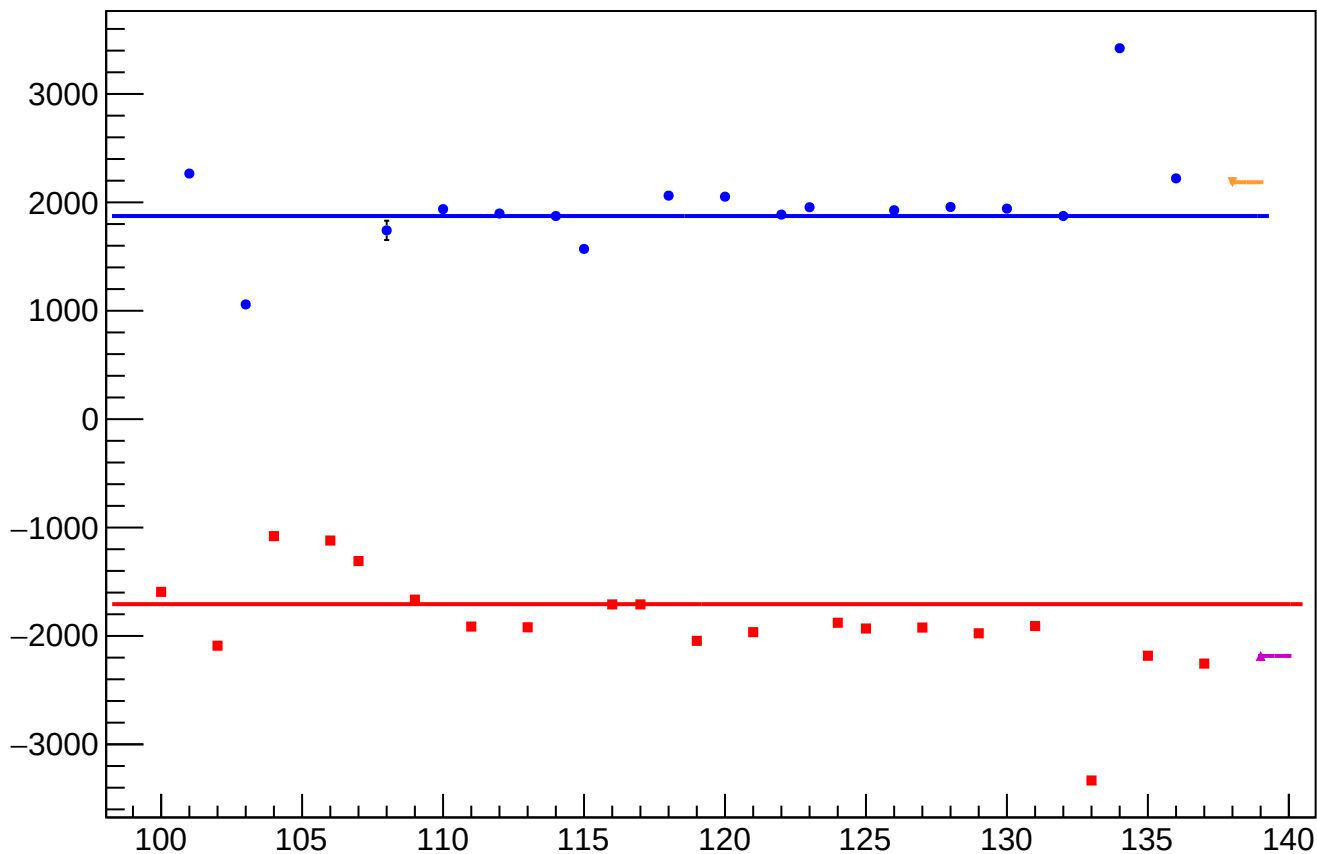
Left In: 1880.210 $\pm$ 1.976 χ^2/NDF : 0.0/0

-1342.107 $\pm$ 0.000 χ^2/NDF : 414228.7/17

-340.094 $\pm$ 0.000 χ^2/NDF : 60528151856

1496.932 $\pm$ 0.000 χ^2/NDF : 543098.7/20

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 $\pm$ 0.000 χ^2 /NDF: 201563.9/16

Left Out: 2185.897 $\pm$ 2.714 χ^2 /NDF: 0.0/0

Right Out: -1706.740 $\pm$ 0.302 χ^2 /NDF: 837936.9/19

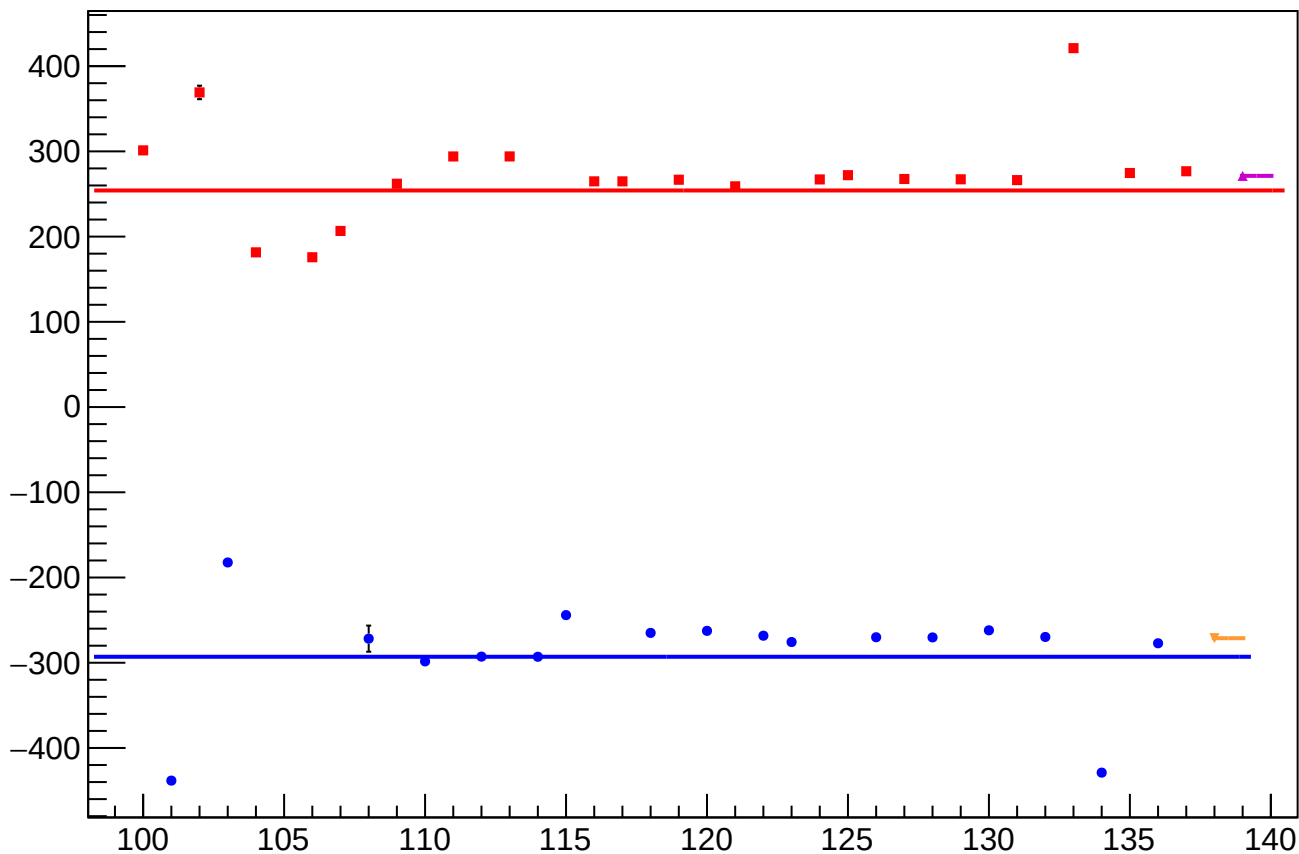
Left In: -2184.368 $\pm$ 1.993 χ^2 /NDF: 0.0/0

1873.852 $\pm$ 0.000 χ^2 /NDF: 214780.9/17

1873.852 $\pm$ 0.000 χ^2 /NDF: 145476807.1/17

-1717.478 $\pm$ 0.299 χ^2 /NDF: 894052.3/20

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: 254.127+/-0.059 χ^2/NDF : 502684.9/19

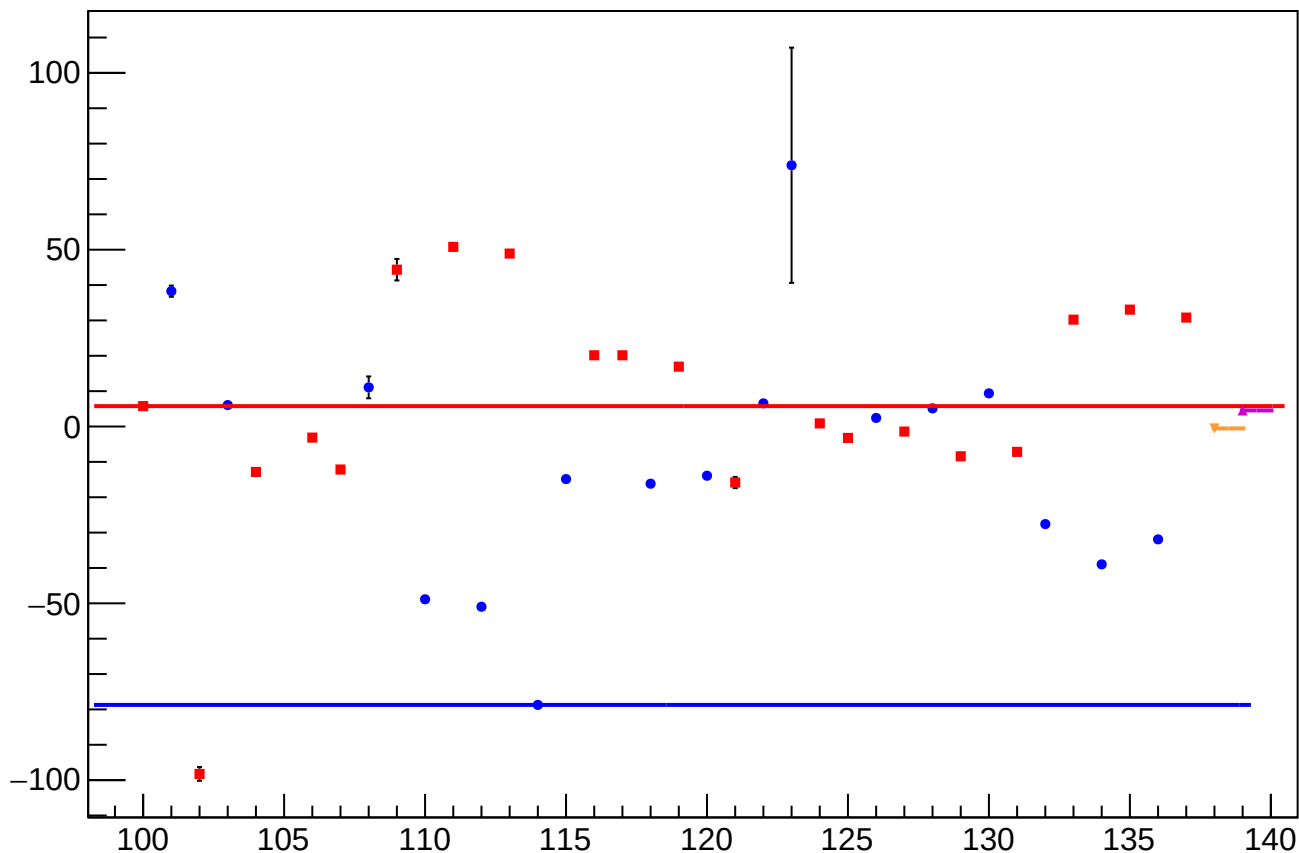
Left In: 271.258+/-0.133 χ^2/NDF : 0.0/0

-292.986+/-0.000 χ^2/NDF : 1056064.3/17

-292.986+/-0.000 χ^2/NDF : 105526289.3/17

256.931+/-0.054 χ^2/NDF : 516491.9/20

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728 $\pm$ 0.000 χ^2 /NDF: 1399088.3/16

Left Out: -0.545 $\pm$ 0.304 χ^2 /NDF: 0.0/0

Right Out: 5.769 $\pm$ 0.000 χ^2 /NDF: 111755.3/19

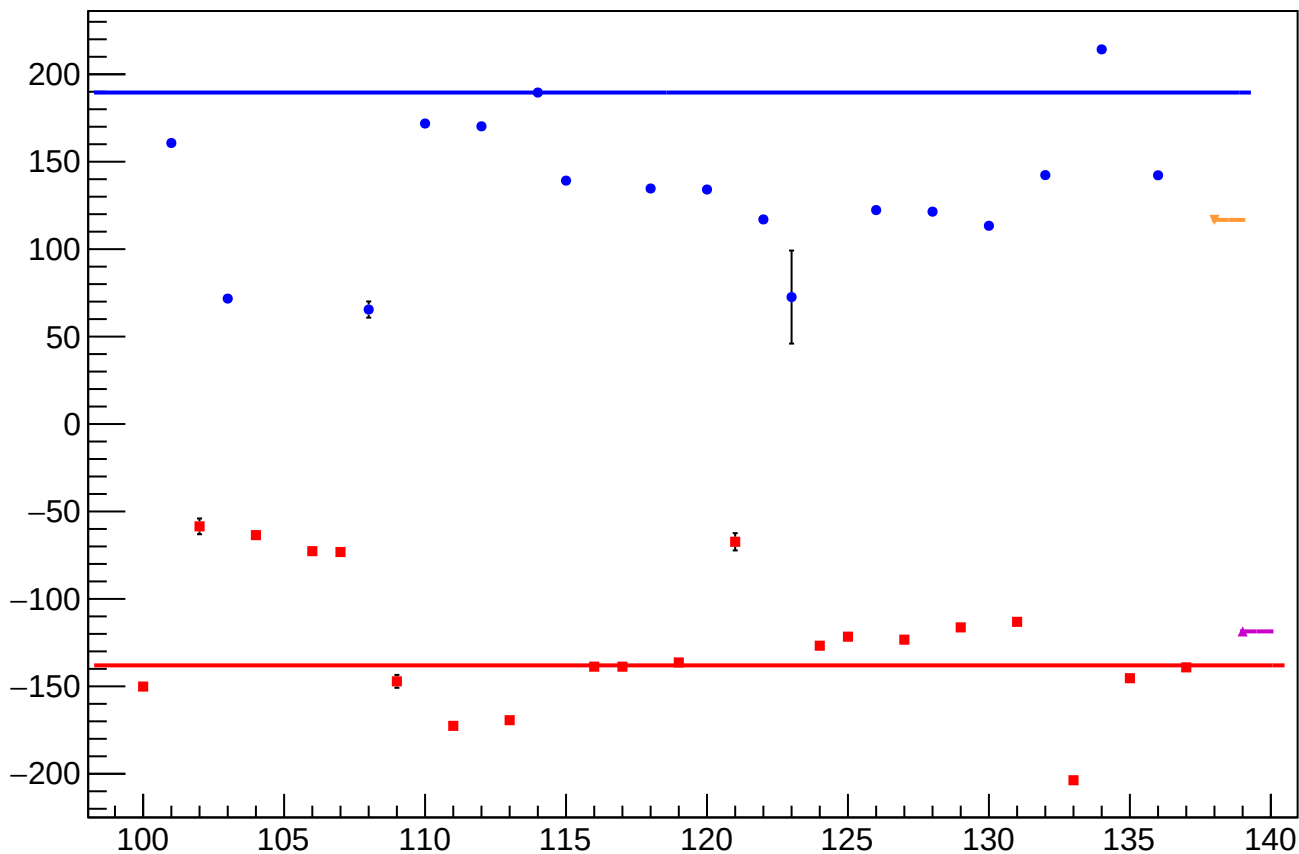
Left In: 4.546 $\pm$ 0.153 χ^2 /NDF: 0.0/0

-78.728 $\pm$ 0.000 χ^2 /NDF: 1465431.9/17

5.169 $\pm$ 0.000 χ^2 /NDF: 38614083696031

5.769 $\pm$ 0.000 χ^2 /NDF: 111819.6/20

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551 ± 0.000 $\chi^2/\text{NDF}: 927391.8/16$

Left Out: 116.733 ± 0.229 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -138.004 ± 0.059 $\chi^2/\text{NDF}: 117358.3/19$

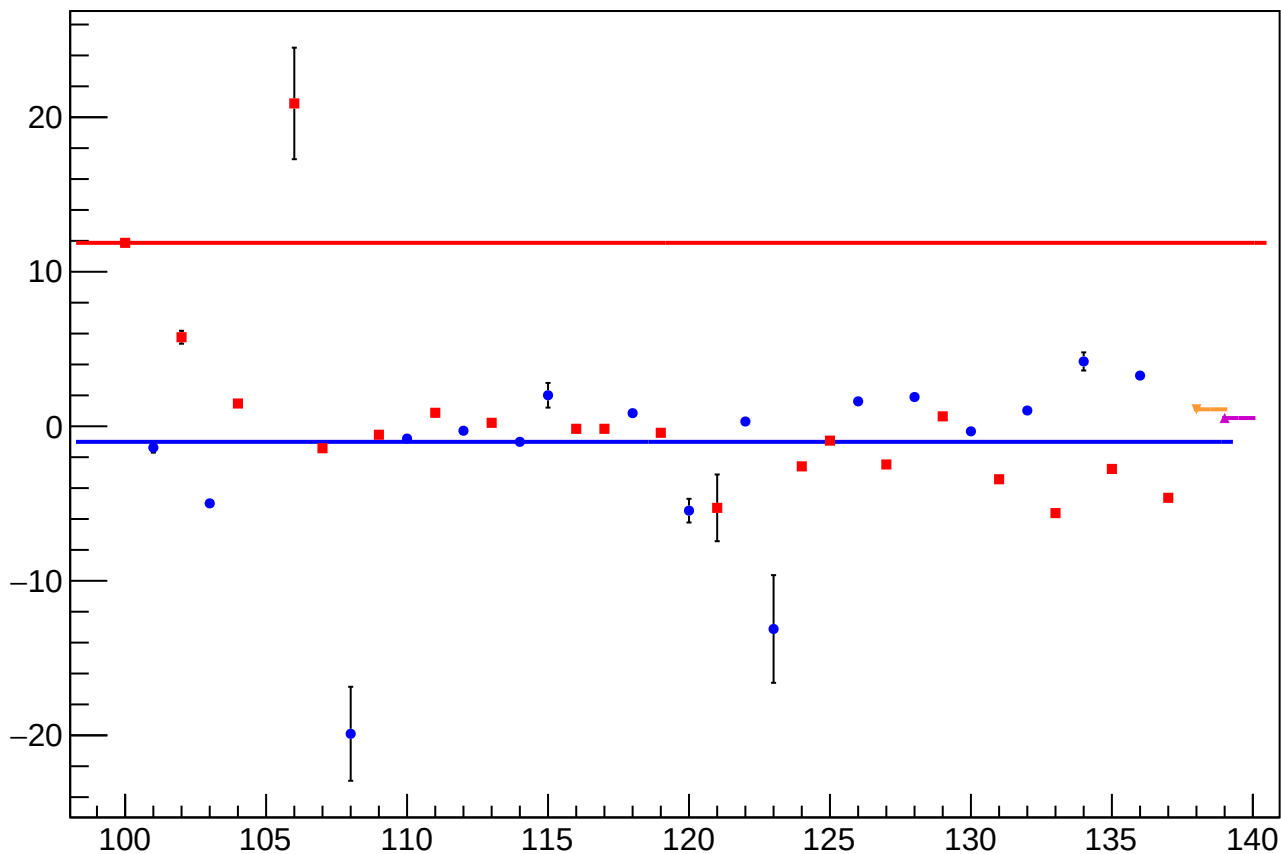
Left In: -118.579 ± 0.147 $\chi^2/\text{NDF}: 0.0/0$

189.551 ± 0.000 $\chi^2/\text{NDF}: 1028583.3/17$

189.551 ± 0.000 $\chi^2/\text{NDF}: 36358065.0/38$

-135.326 ± 0.055 $\chi^2/\text{NDF}: 132315.0/20$

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: 560568.2/19

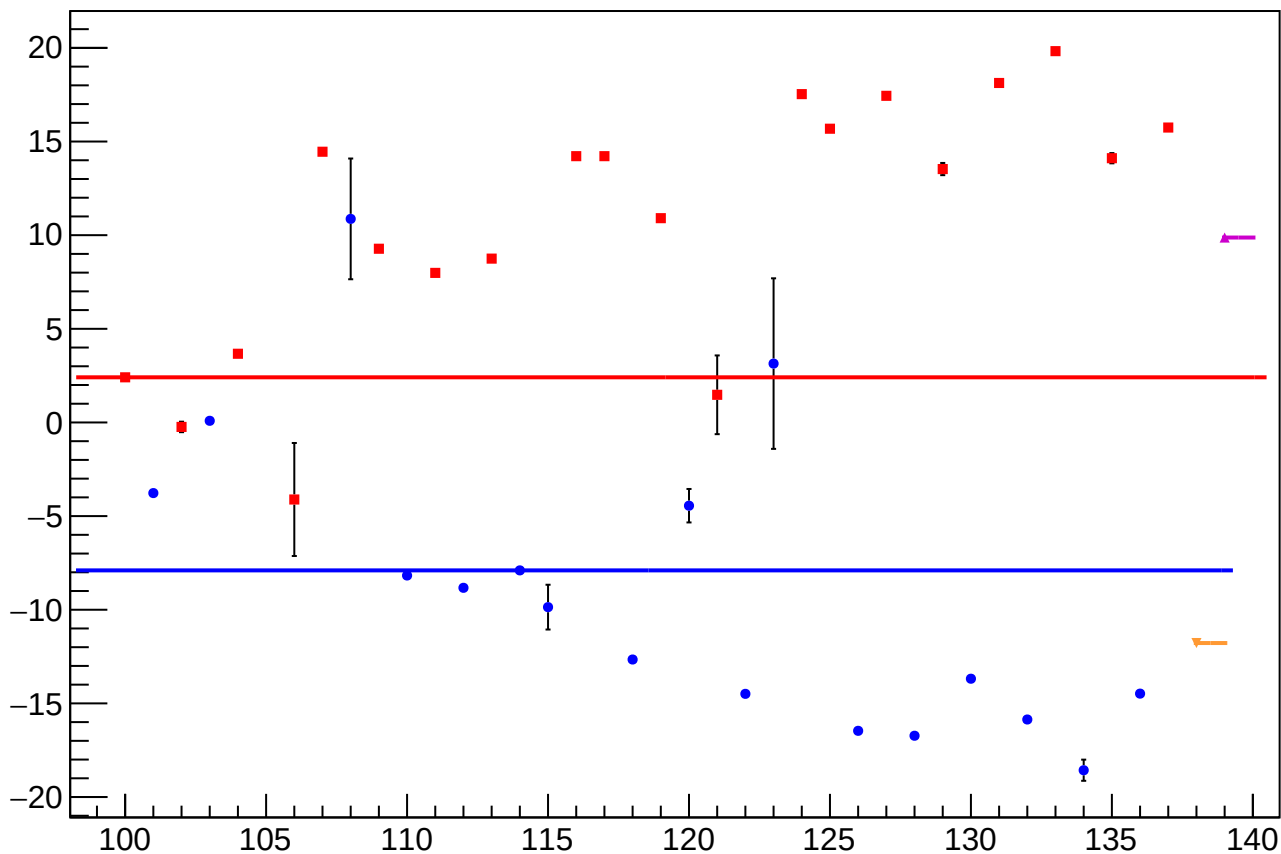
Left In: 0.534+/-0.101 χ^2 /NDF: 0.0/0

-1.007+/-0.000 χ^2 /NDF: 7172.7/17

-0.582+/-0.000 χ^2 /NDF: 3049946074780

11.872+/-0.000 χ^2 /NDF: 573090.4/20

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 : 222300.8/19

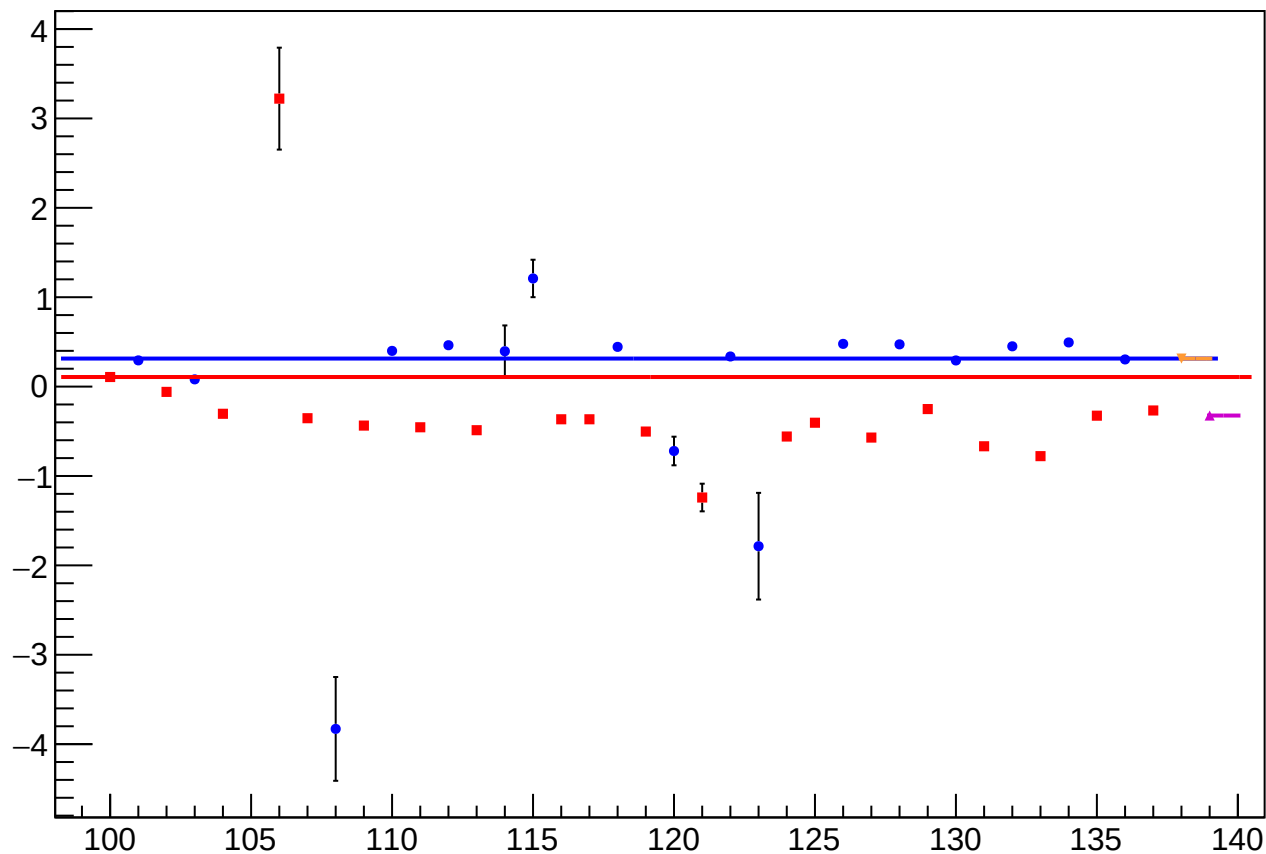
Left In: 9.873+/-0.101 χ^2/NDF : 0.0/0

-7.899+/-0.000 χ^2/NDF : 39808.3/17

-0.829+/-0.000 χ^2/NDF : 1016173479523

2.410+/-0.000 χ^2/NDF : 227770.4/20

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 : 223881.2/19

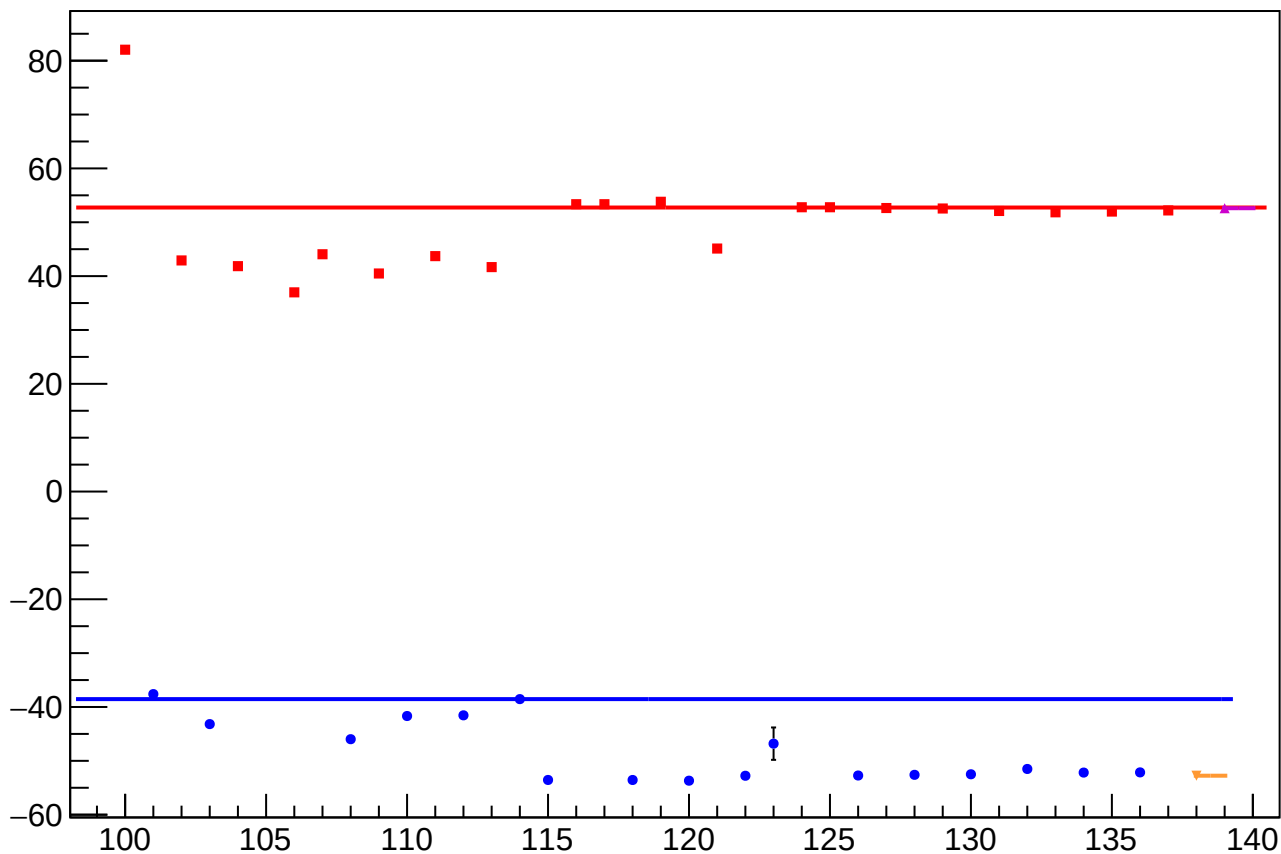
Left In: -0.324 ± 0.004 χ^2/NDF : 0.0/0

0.314 ± 0.001 χ^2/NDF : 2748.0/17

0.107 ± 0.000 χ^2/NDF : 299226.4/38

0.107 ± 0.000 χ^2/NDF : 235745.8/20

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 : 87444.8/19

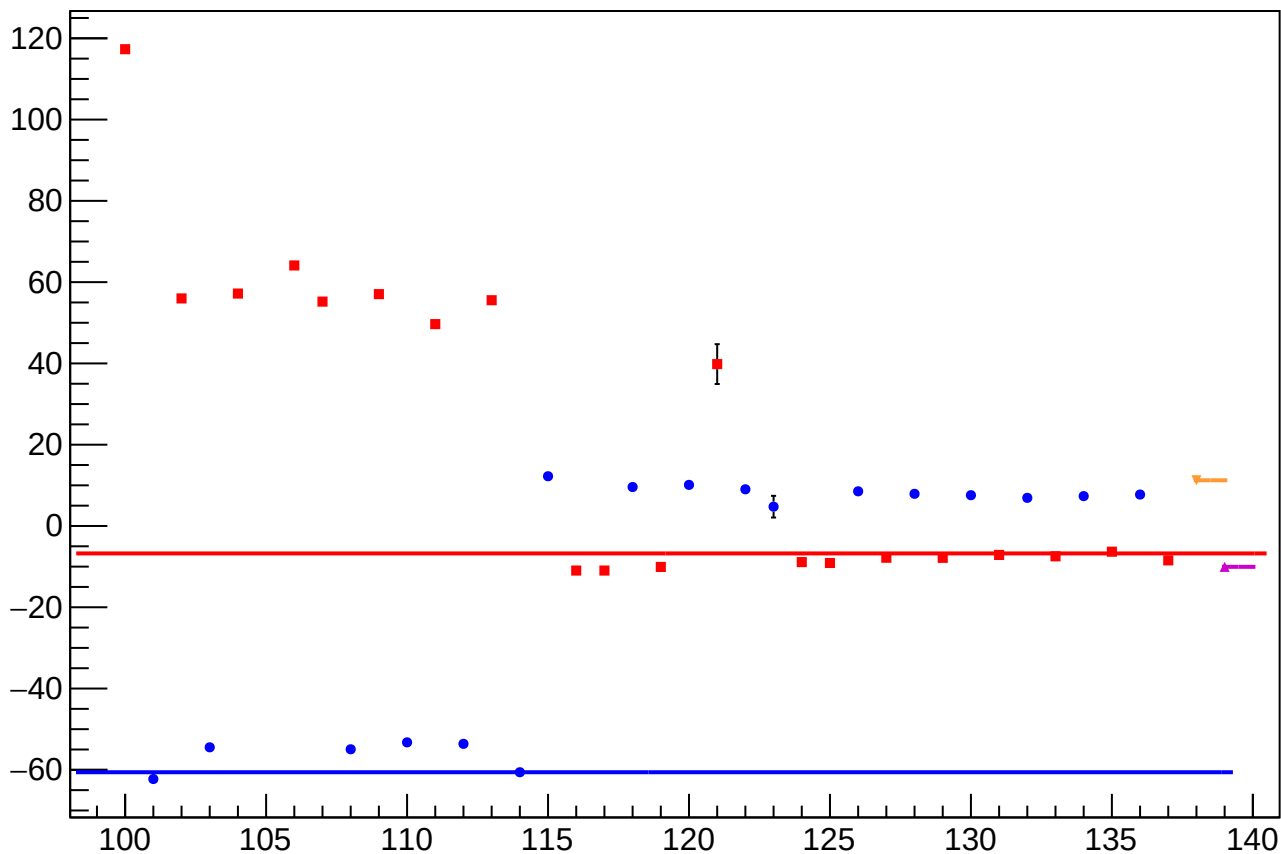
Left In: 52.609 ± 0.013 χ^2/NDF : 0.0/0

-38.539 ± 0.000 χ^2/NDF : 17894585.8/17

-38.539 ± 0.000 χ^2/NDF : 2422504226.4/17

52.734 ± 0.002 χ^2/NDF : 87534.0/20

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: -6.753 $\pm$ 0.011 χ^2 /NDF: 1266741.1/19

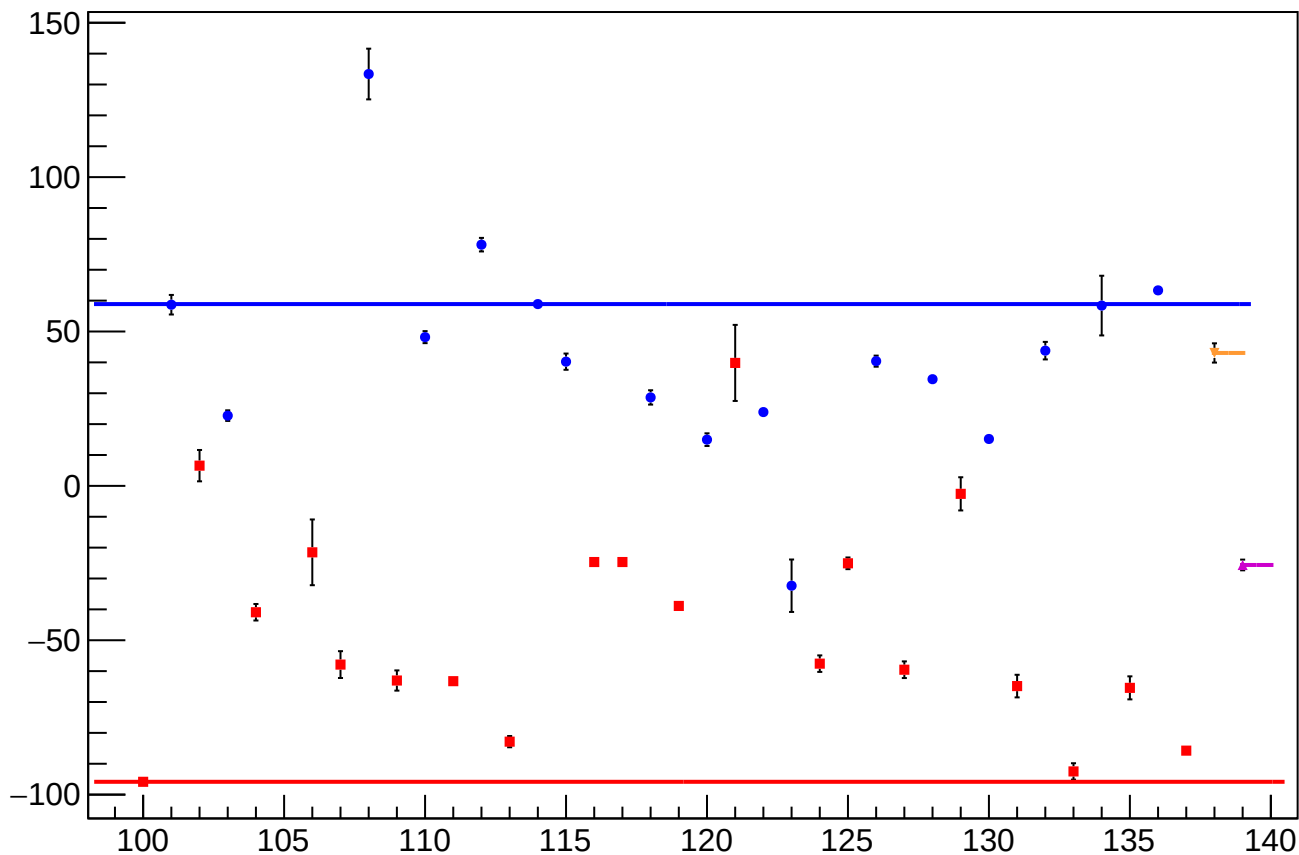
Left In: -10.050 $\pm$ 0.038 χ^2 /NDF: 0.0/0

-60.594 $\pm$ 0.000 χ^2 /NDF: 34166806.5/17

-60.594 $\pm$ 0.000 χ^2 /NDF: 61171855.6/38

-7.014 $\pm$ 0.011 χ^2 /NDF: 1273855.9/20

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF : 3814.7/16

Left Out: 43.053+/-3.118 χ^2/NDF : 0.0/0

Right Out: -95.846+/-0.000 χ^2/NDF : 44645.2/19

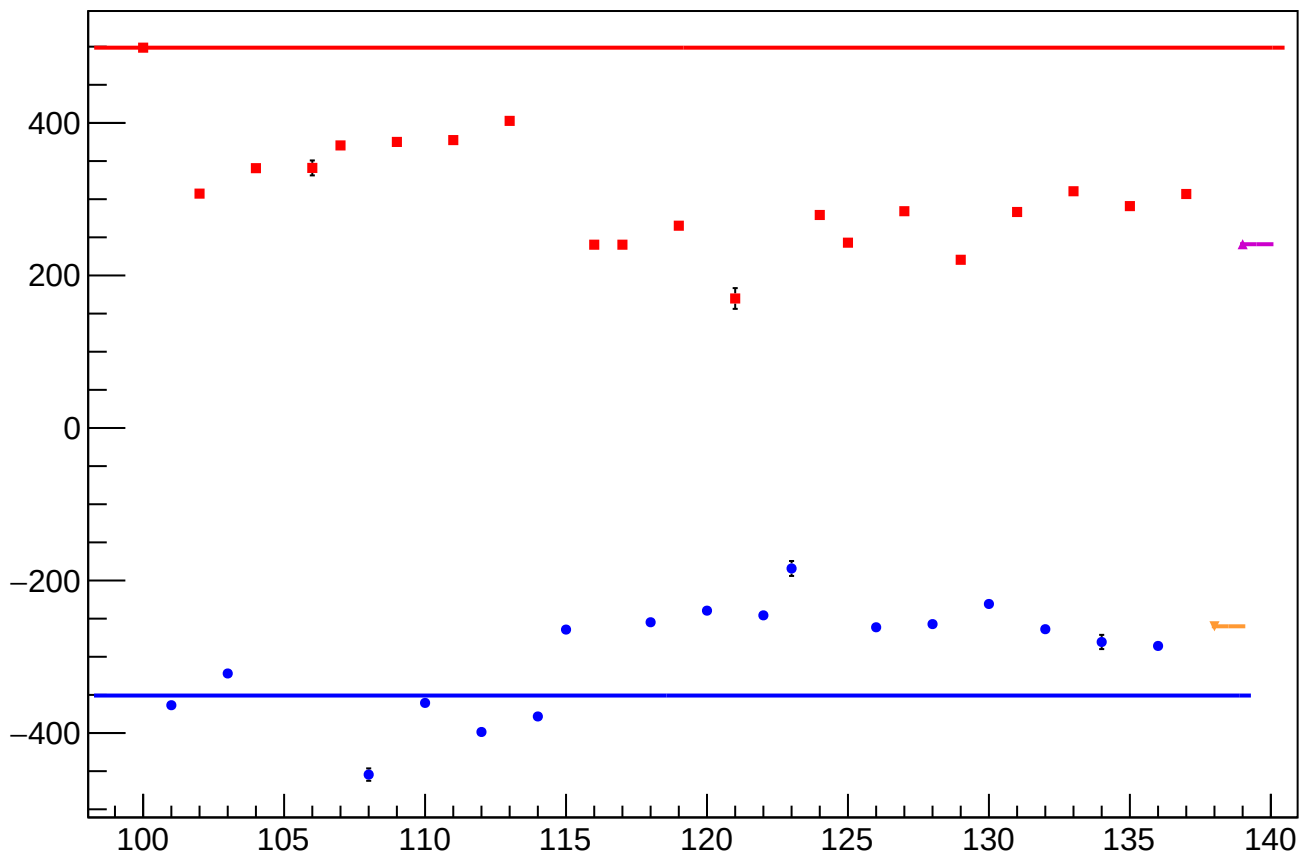
Left In: -25.619+/-1.737 χ^2/NDF : 0.0/0

58.880+/-0.000 χ^2/NDF : 3840.4/17

53.779+/-0.000 χ^2/NDF : 1719559071103

-95.846+/-0.000 χ^2/NDF : 46280.3/20

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: 572319.3/19

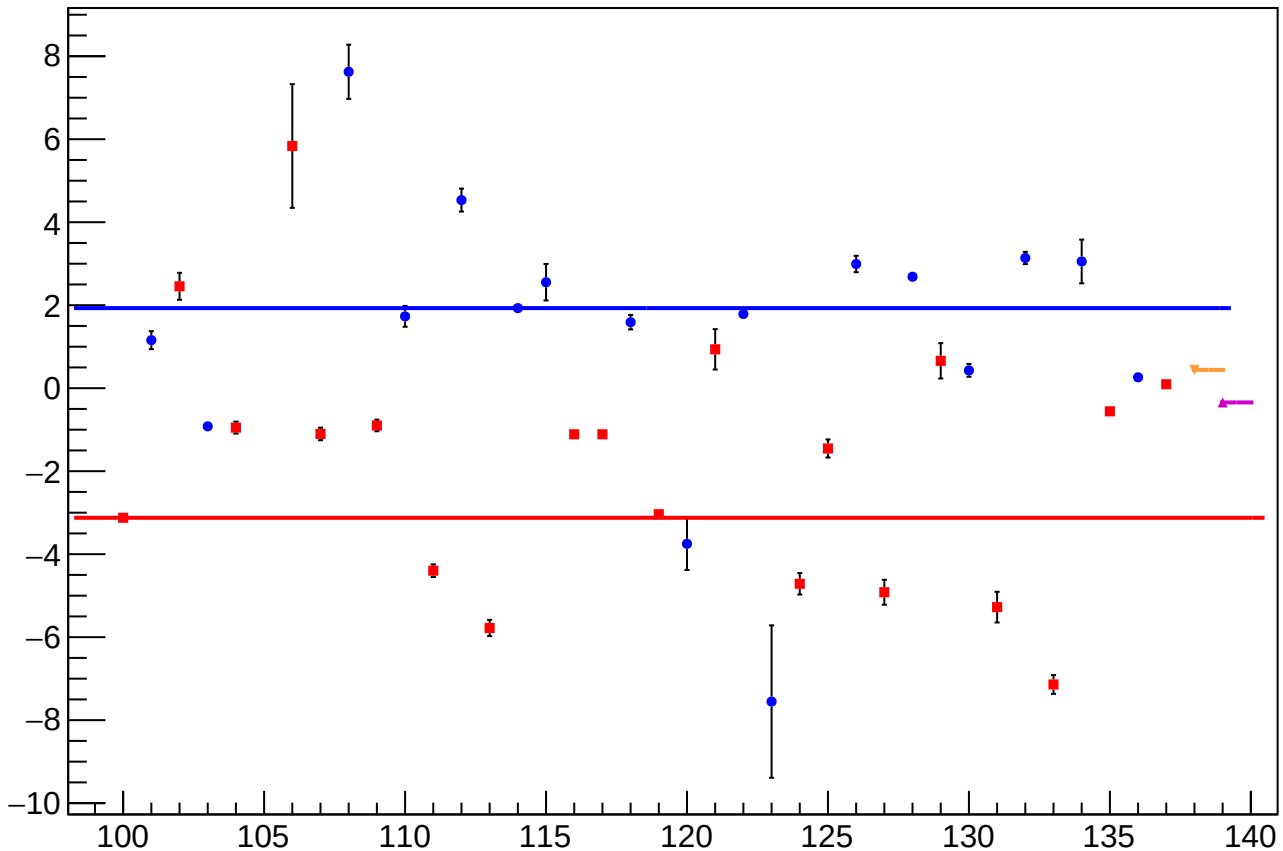
Left In: 240.965+/-1.765 χ^2 /NDF:0.0/0

-350.316+/-0.244 χ^2 /NDF: 42086.6/17

498.692+/-0.000 χ^2 /NDF: 12759141.0/38

498.692+/-0.000 χ^2 /NDF: 593642.4/20

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.441 ± 0.020 χ^2/NDF : 0.0/0

Right Out: -3.123 ± 0.000 χ^2/NDF : 514000.0/19

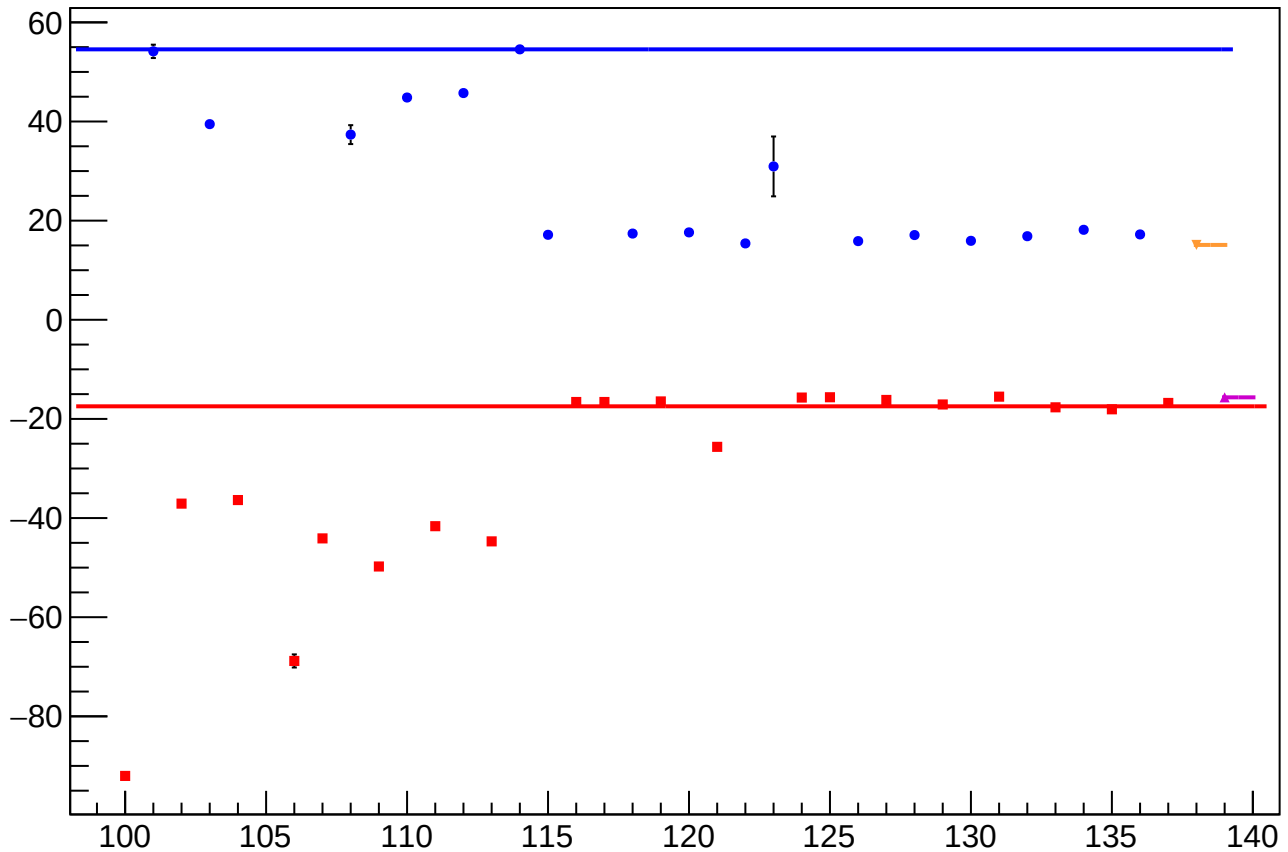
Left In: -0.343 ± 0.016 χ^2/NDF : 0.0/0

1.930 ± 0.000 χ^2/NDF : 65754.6/17

1.324 ± 0.000 χ^2/NDF : 68349069016618

-3.123 ± 0.000 χ^2/NDF : 546122.9/20

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 15.100+/-0.052 χ^2/NDF : 0.0/0

Right Out: -17.458+/-0.018 χ^2/NDF : 99309.7/19

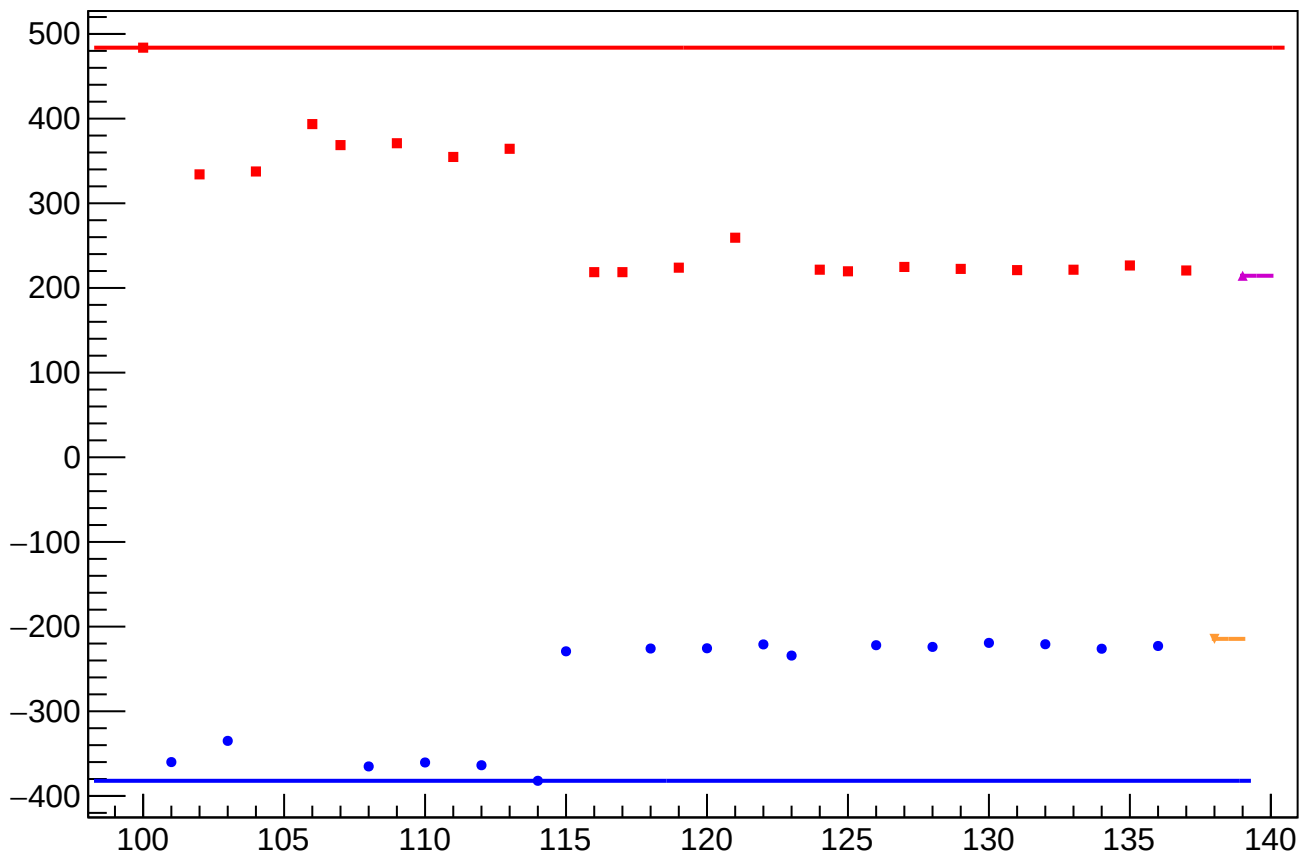
Left In: -15.648+/-0.034 χ^2/NDF : 0.0/0

54.556+/-0.000 χ^2/NDF : 7803469.0/17

54.556+/-0.000 χ^2/NDF : 27693154.9/38

-17.052+/-0.016 χ^2/NDF : 101510.2/20

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 : 24385317.4/19

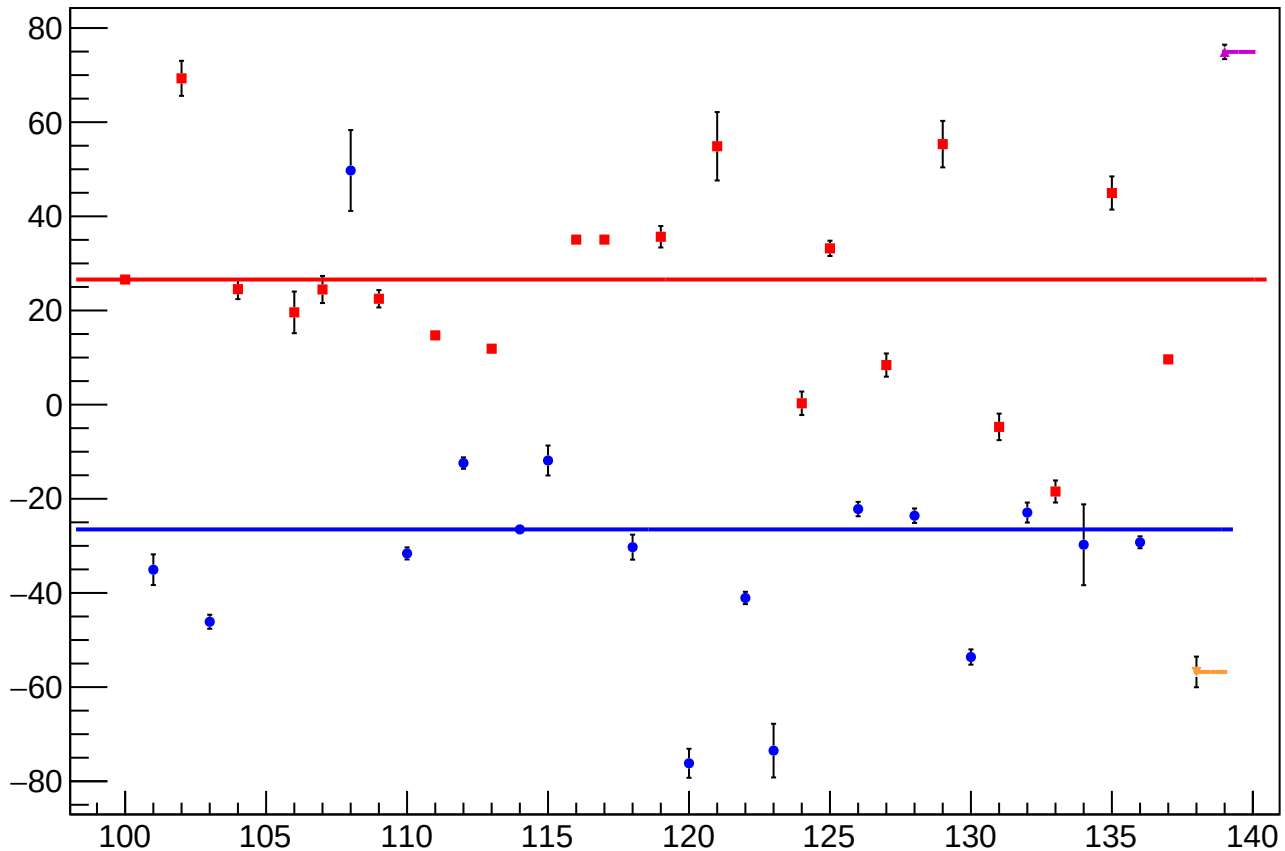
Left In: 214.405+/-0.052 χ^2/NDF : 0.0/0

-382.108+/-0.000 χ^2/NDF : 21338173.9/17

-76.493+/-0.000 χ^2/NDF : 9009029155790

483.800+/-0.000 χ^2/NDF : 51039895.8/20

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -56.778 ± 3.254 χ^2/NDF : 0.0/0

Right Out: 26.577 ± 0.000 χ^2/NDF : 2754.8/19

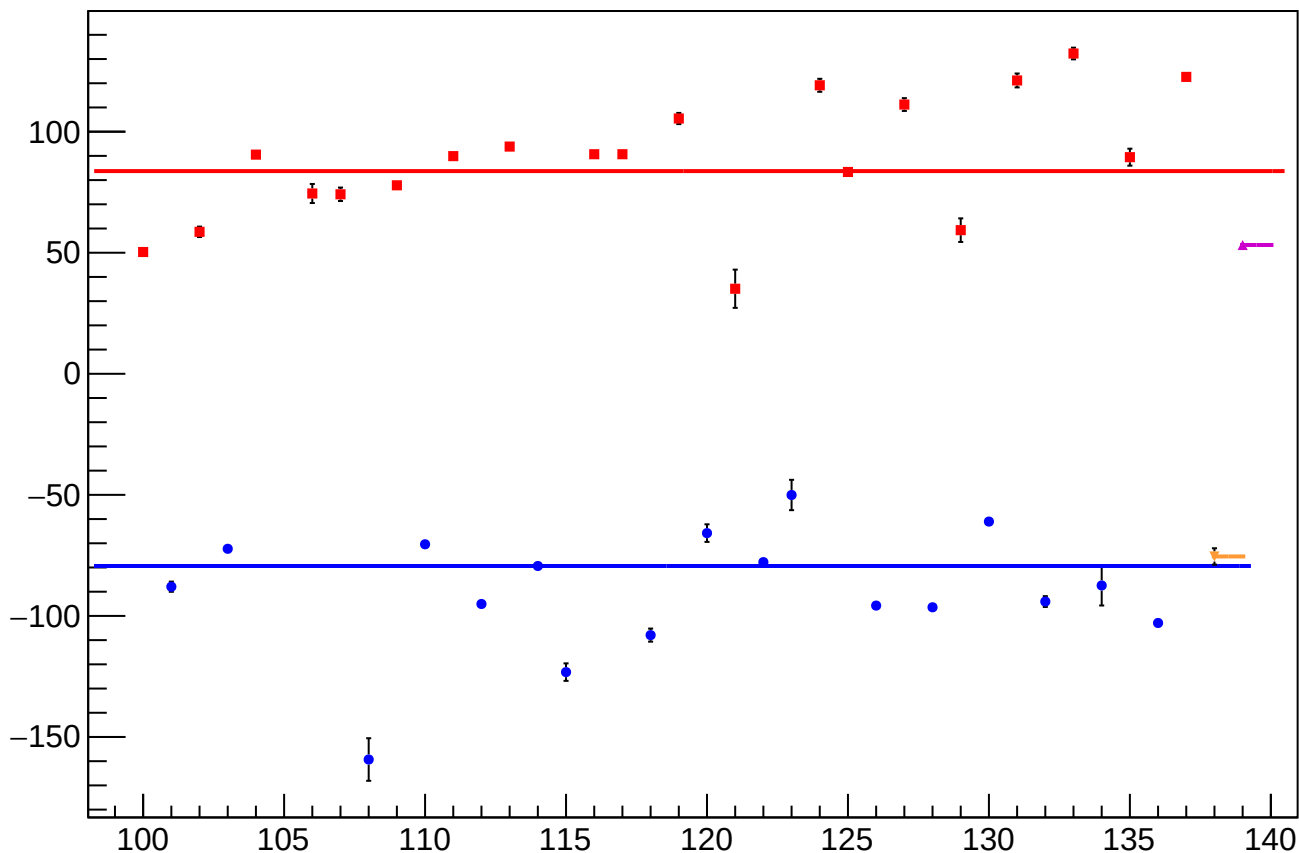
Left In: 74.929 ± 1.536 χ^2/NDF : 0.0/0

-26.504 ± 0.000 χ^2/NDF : 1267.2/17

-7.770 ± 0.000 χ^2/NDF : 2166718322463

26.577 ± 0.000 χ^2/NDF : 3745.4/20

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -75.446 ± 3.384 χ^2/NDF : 0.0/0

Right Out: 83.721 ± 0.171 χ^2/NDF : 12064.6/19

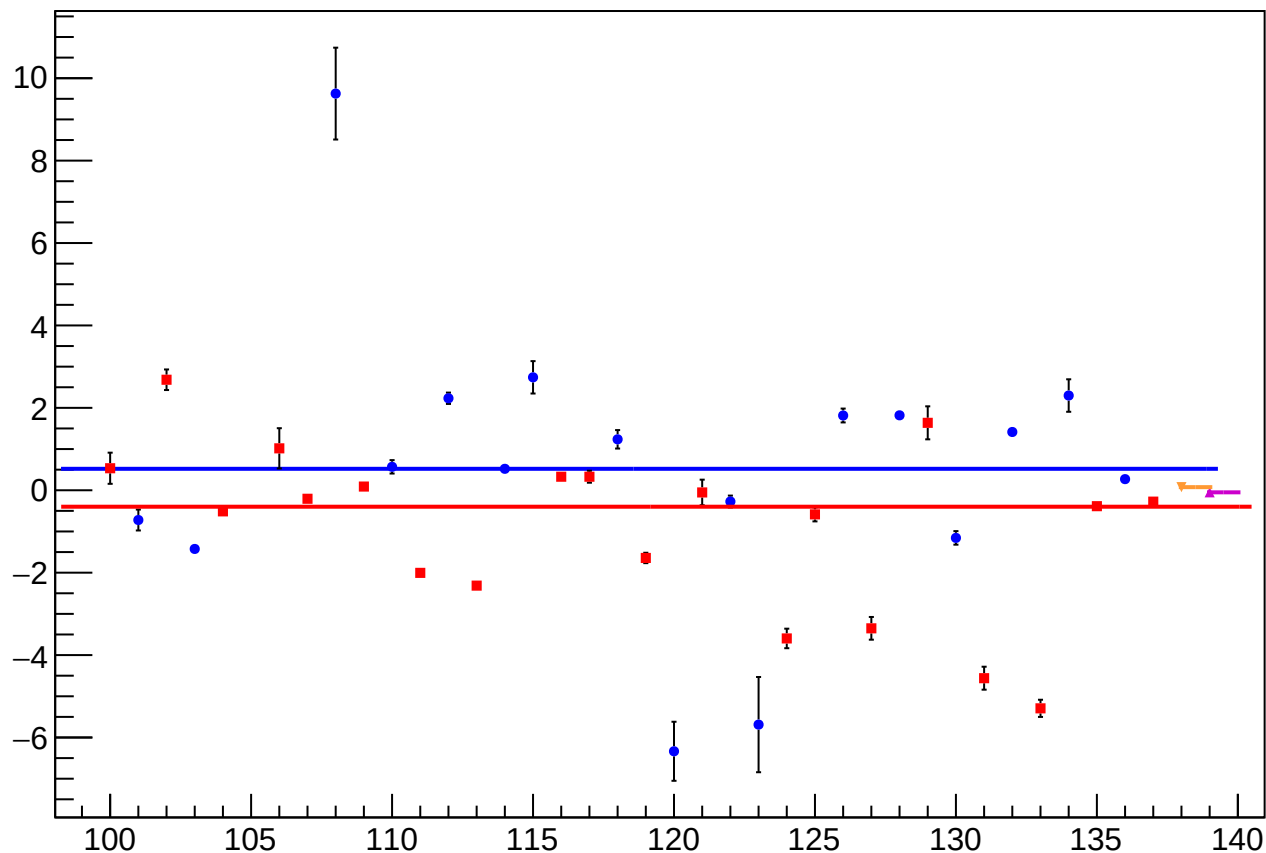
Left In: 53.196 ± 1.534 χ^2/NDF : 0.0/0

-79.376 ± 0.000 χ^2/NDF : 1306.0/17

-79.376 ± 0.000 χ^2/NDF : 933627.2/38

83.348 ± 0.170 χ^2/NDF : 12455.9/20

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: -0.399+/-0.011 χ^2/NDF : 2752.7/19

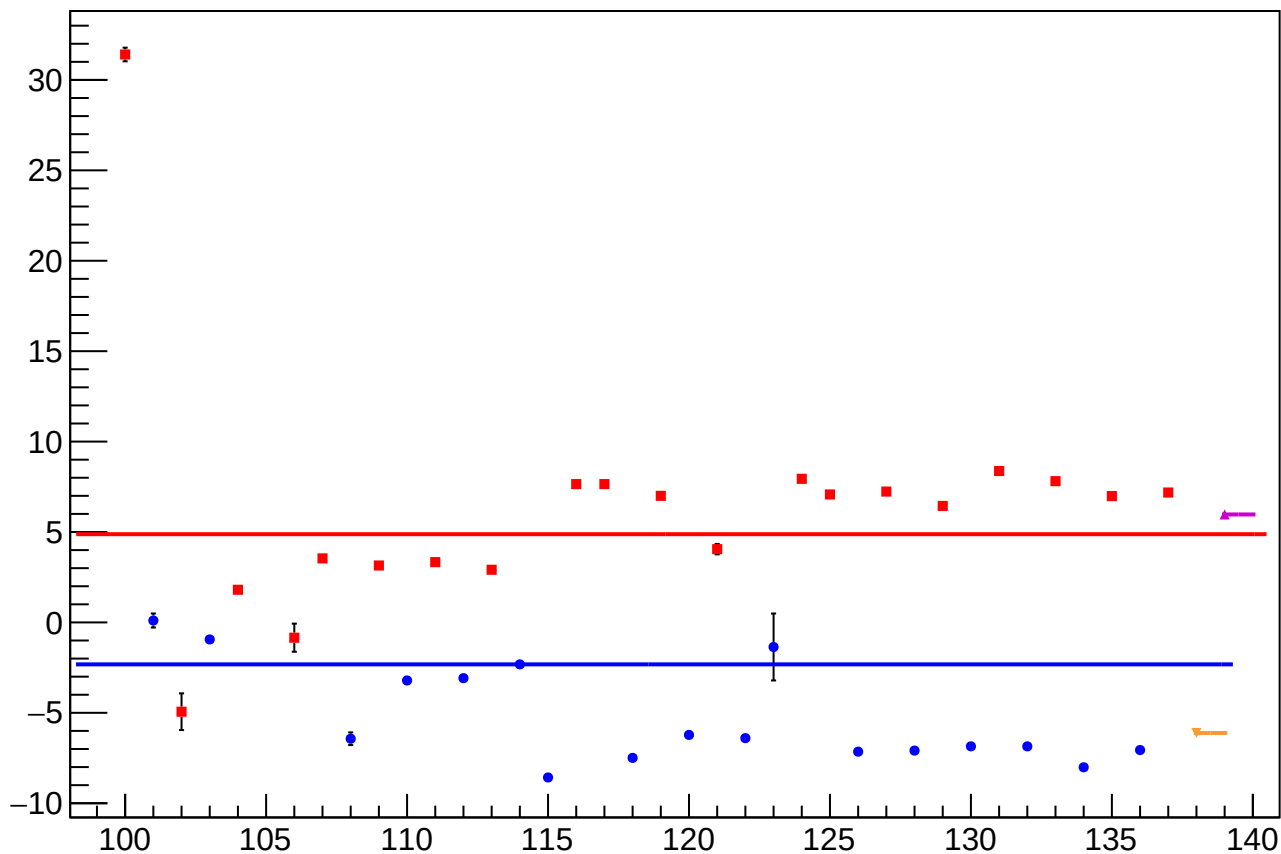
Left In: -0.050+/-0.016 χ^2/NDF : 0.0/0

0.521+/-0.000 χ^2/NDF : 4027.2/17

0.521+/-0.000 χ^2/NDF : 15296.4/38

-0.287+/-0.009 χ^2/NDF : 3086.4/20

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 270771.9/16$

Left Out: -6.114 ± 0.037 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.879 ± 0.010 $\chi^2/\text{NDF}: 49767.2/19$

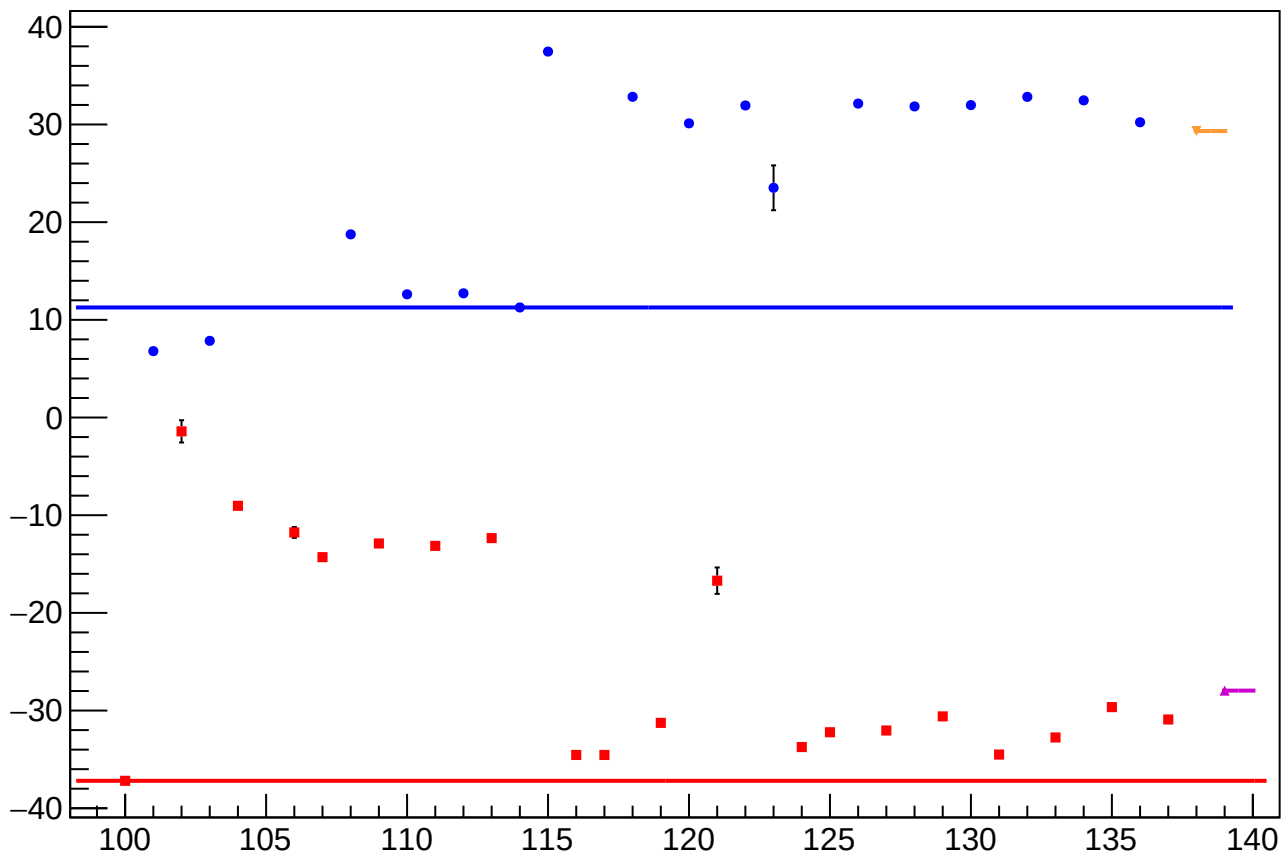
Left In: 5.971 ± 0.024 $\chi^2/\text{NDF}: 0.0/0$

-2.320 ± 0.000 $\chi^2/\text{NDF}: 281058.6/17$

-2.320 ± 0.000 $\chi^2/\text{NDF}: 945051.6/38$

5.053 ± 0.009 $\chi^2/\text{NDF}: 51566.0/20$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF : 958029.3/16

Left Out: 29.329+/-0.106 χ^2/NDF : 0.0/0

Right Out: -37.191+/-0.000 χ^2/NDF : 1122069.8/19

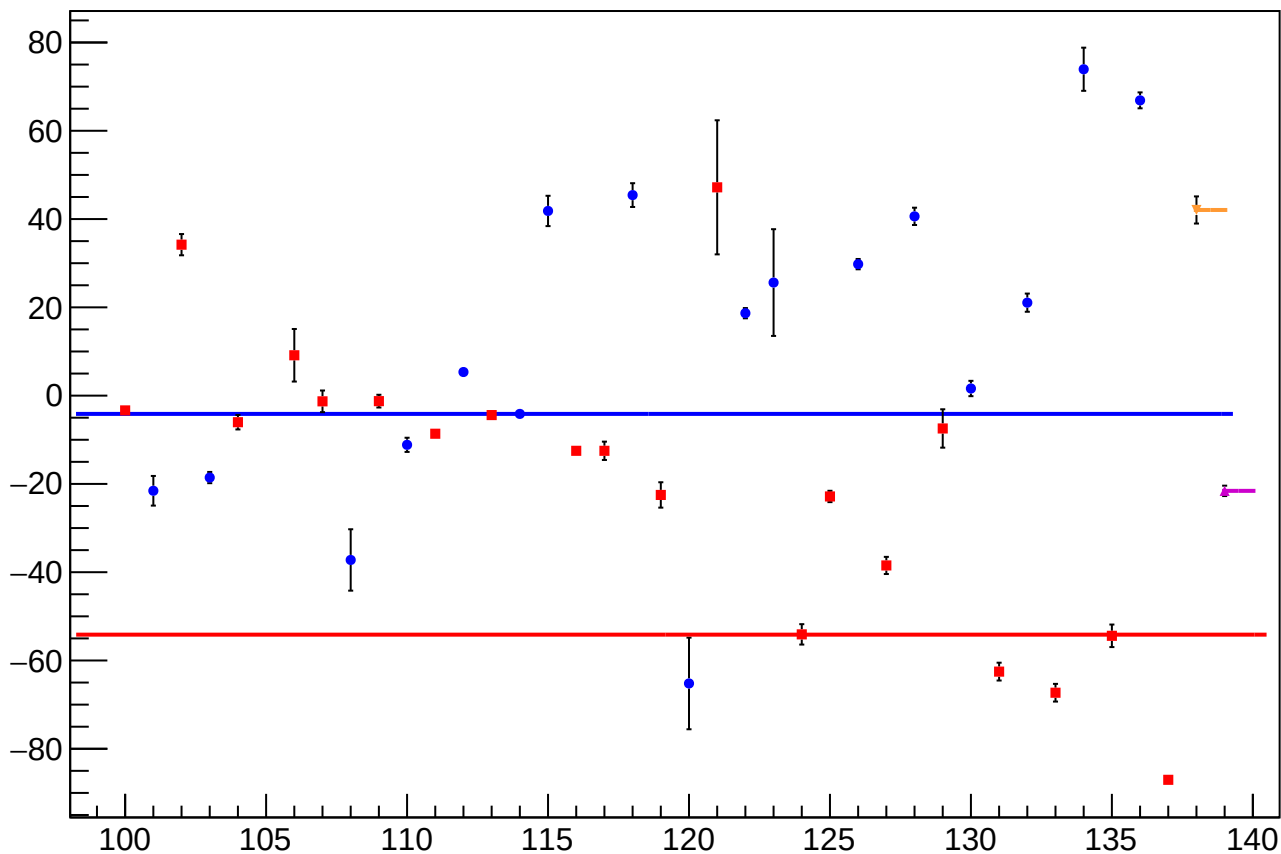
Left In: -27.958+/-0.053 χ^2/NDF : 0.0/0

11.268+/-0.000 χ^2/NDF : 987268.5/17

9.670+/-0.000 χ^2/NDF : 26986732338875

-37.191+/-0.000 χ^2/NDF : 1152212.7/20

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: -54.147+/-0.170 χ^2/NDF : 54404.1/19

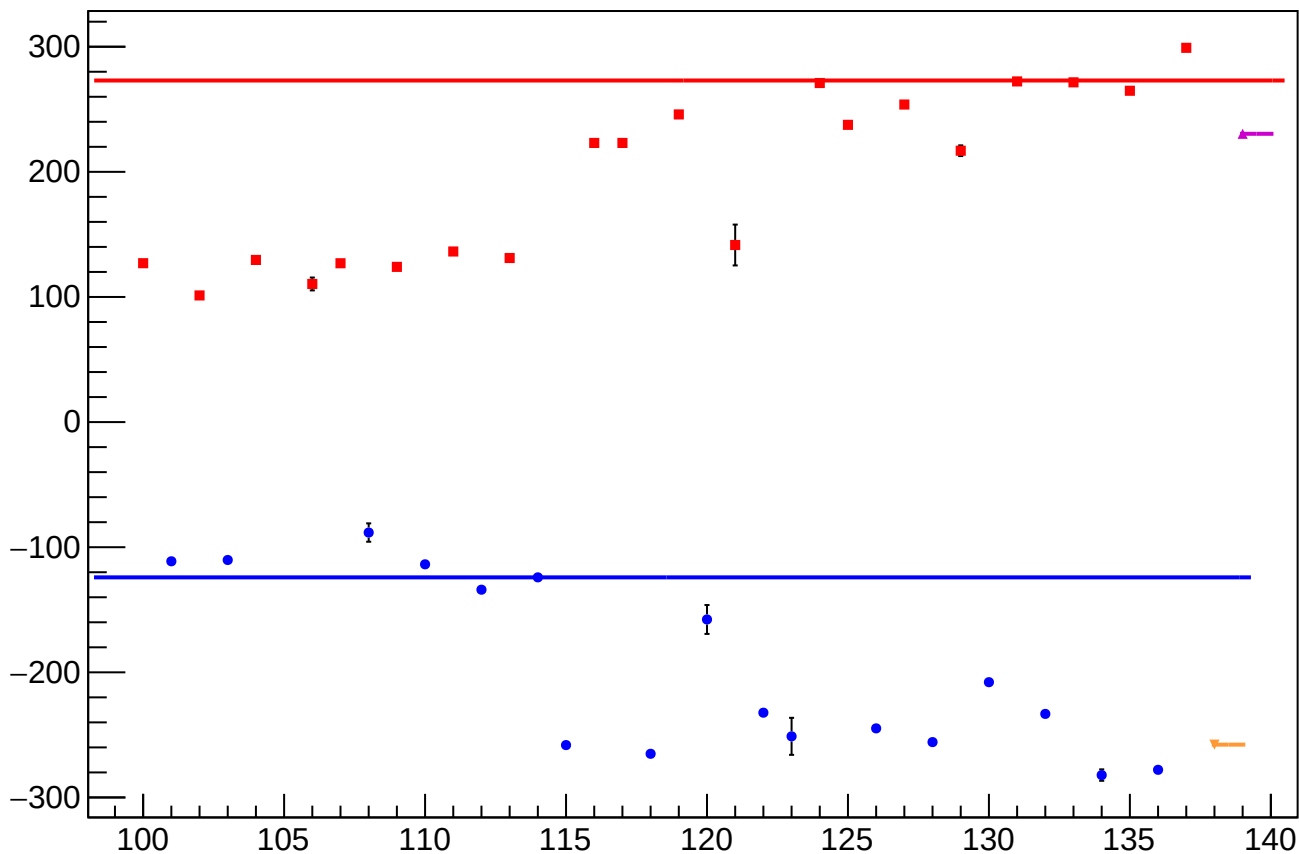
Left In: -21.573+/-1.176 χ^2/NDF : 0.0/0

-4.139+/-0.000 χ^2/NDF : 4880.3/17

-4.139+/-0.000 χ^2/NDF : 146393.9/38

-53.482+/-0.168 χ^2/NDF : 55155.7/20

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: 273.002+/-0.113 χ^2/NDF : 280698.3/19

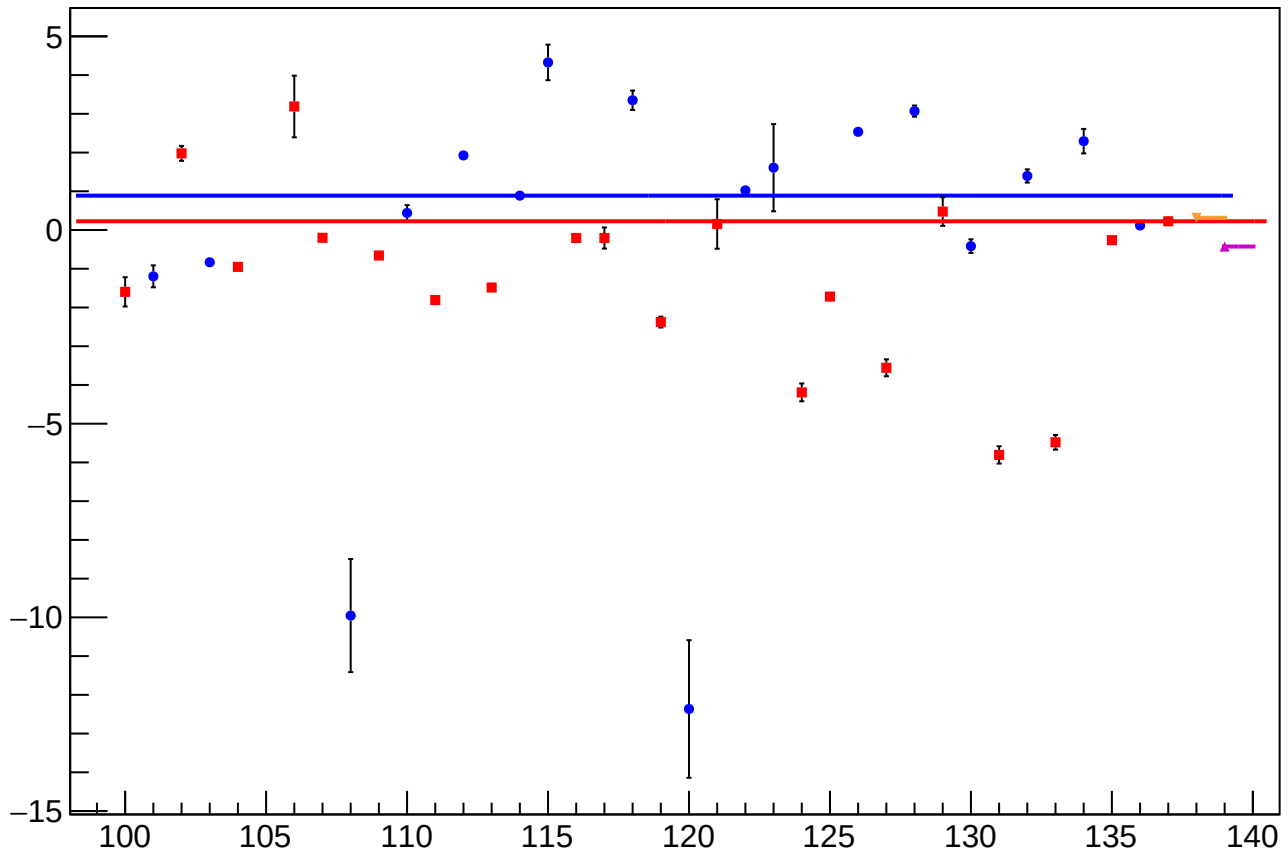
Left In: 230.408+/-1.138 χ^2/NDF : 0.0/0

-124.095+/-0.000 χ^2/NDF : 39877.3/17

-124.095+/-0.000 χ^2/NDF : 12863539.1/3

272.589+/-0.112 χ^2/NDF : 282086.6/20

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 $\pm$ 0.000 χ^2 /NDF: 8672.0/16

Left Out: 0.316 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Right Out: 0.226 $\pm$ 0.000 χ^2 /NDF: 5033.6/19

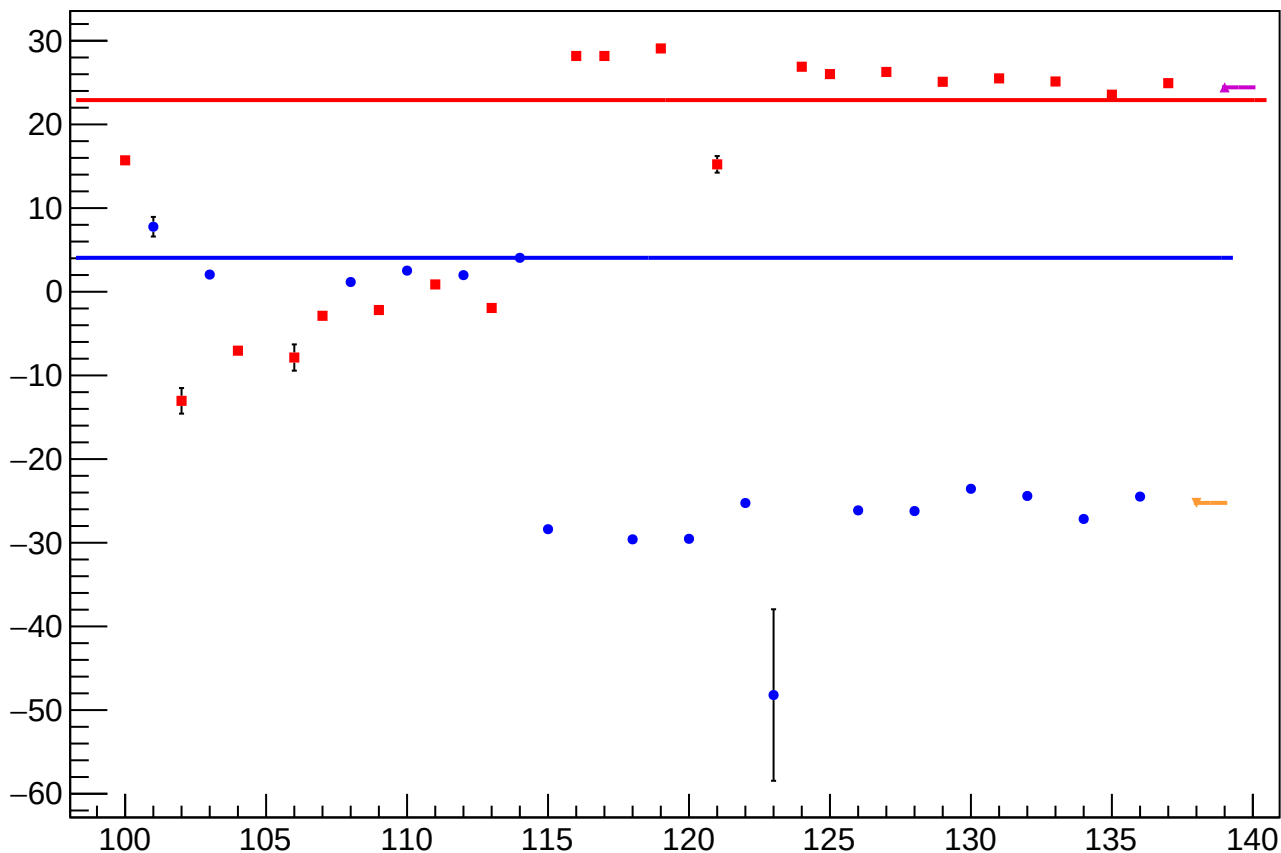
Left In: -0.427 $\pm$ 0.020 χ^2 /NDF: 0.0/0

0.888 $\pm$ 0.000 χ^2 /NDF: 10376.1/17

0.888 $\pm$ 0.000 χ^2 /NDF: 149064758.3/38

0.226 $\pm$ 0.000 χ^2 /NDF: 6057.9/20

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: 22.907+/-0.026 χ^2/NDF : 116676.9/19

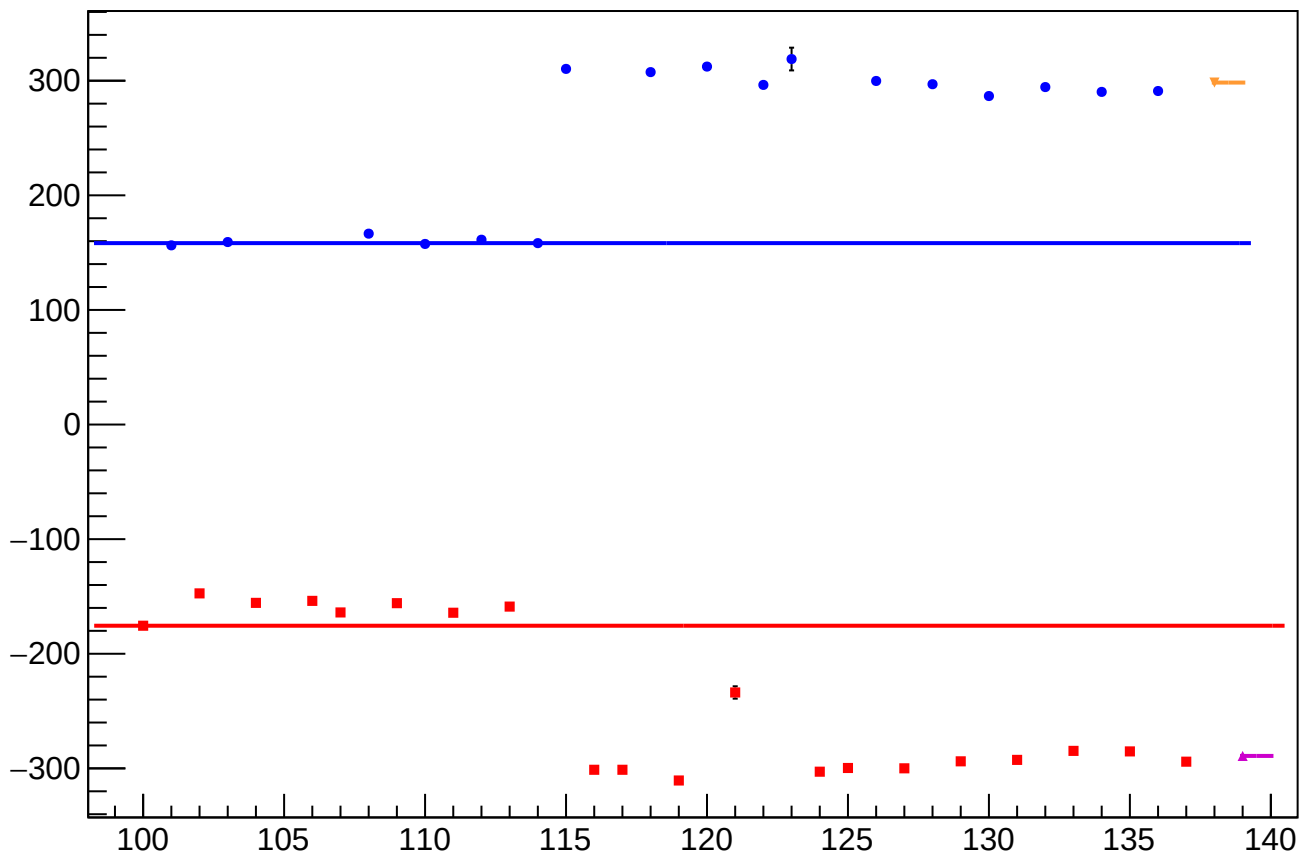
Left In: 24.432+/-0.101 χ^2/NDF : 0.0/0

4.057+/-0.000 χ^2/NDF : 1347812.7/17

4.057+/-0.000 χ^2/NDF : 2020019.1/38

23.003+/-0.025 χ^2/NDF : 116889.6/20

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 298.387 $\pm$ 0.204 χ^2 /NDF: 0.0/0

Right Out: -175.536 $\pm$ 0.000 χ^2 /NDF: 2132280.4/19

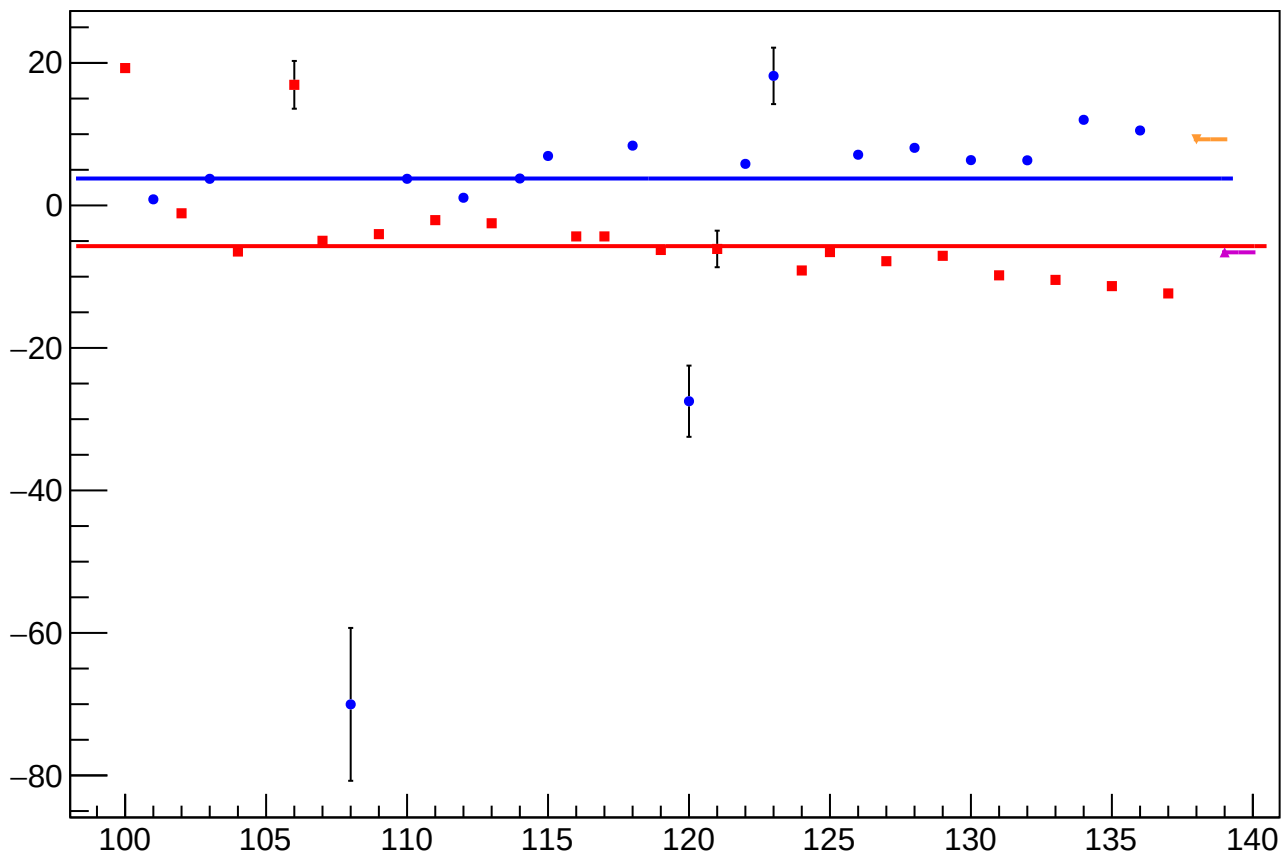
Left In: -289.139 $\pm$ 0.264 χ^2 /NDF: 0.0/0

158.293 $\pm$ 0.000 χ^2 /NDF: 2881858.1/17

-119.042 $\pm$ 0.000 χ^2 /NDF: 14008038966

-175.536 $\pm$ 0.000 χ^2 /NDF: 2317254.0/20

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778 $\pm$ 0.000 χ^2 /NDF: 6871.4/16

Left Out: 9.280 $\pm$ 0.324 χ^2 /NDF: 0.0/0

Right Out: -5.713 $\pm$ 0.025 χ^2 /NDF: 22382.6/19

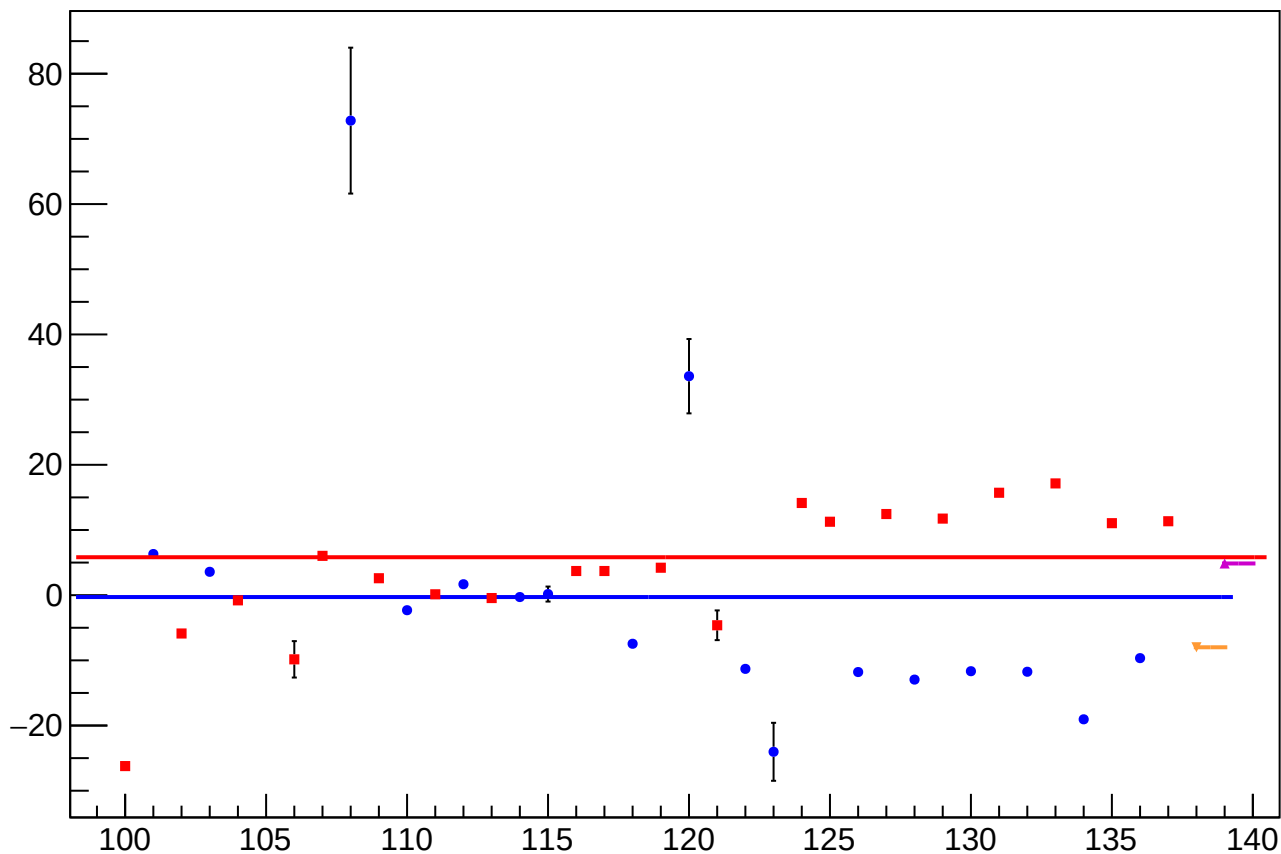
Left In: -6.584 $\pm$ 0.153 χ^2 /NDF: 0.0/0

3.778 $\pm$ 0.000 χ^2 /NDF: 7159.7/17

3.778 $\pm$ 0.000 χ^2 /NDF: 174203.2/38

-5.736 $\pm$ 0.025 χ^2 /NDF: 22414.2/20

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: 5.821 ± 0.027 χ^2/NDF : 63671.7/19

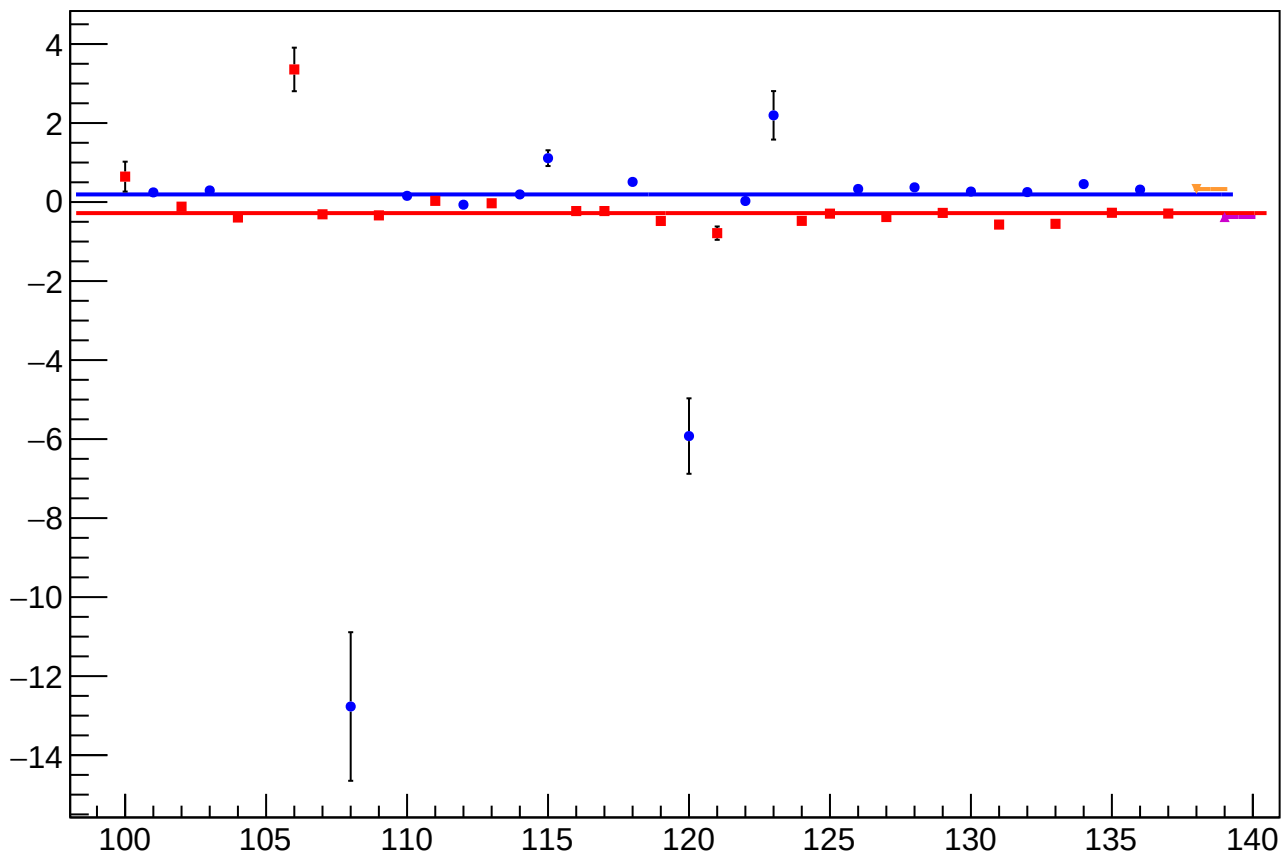
Left In: 4.863 ± 0.163 χ^2/NDF : 0.0/0

-0.287 ± 0.000 χ^2/NDF : 44800.4/17

-0.287 ± 0.000 χ^2/NDF : 161318.4/38

5.796 ± 0.026 χ^2/NDF : 63705.3/20

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.330+/-0.002 χ^2/NDF : 0.0/0

Right Out: -0.280+/-0.001 χ^2/NDF : 6070.3/19

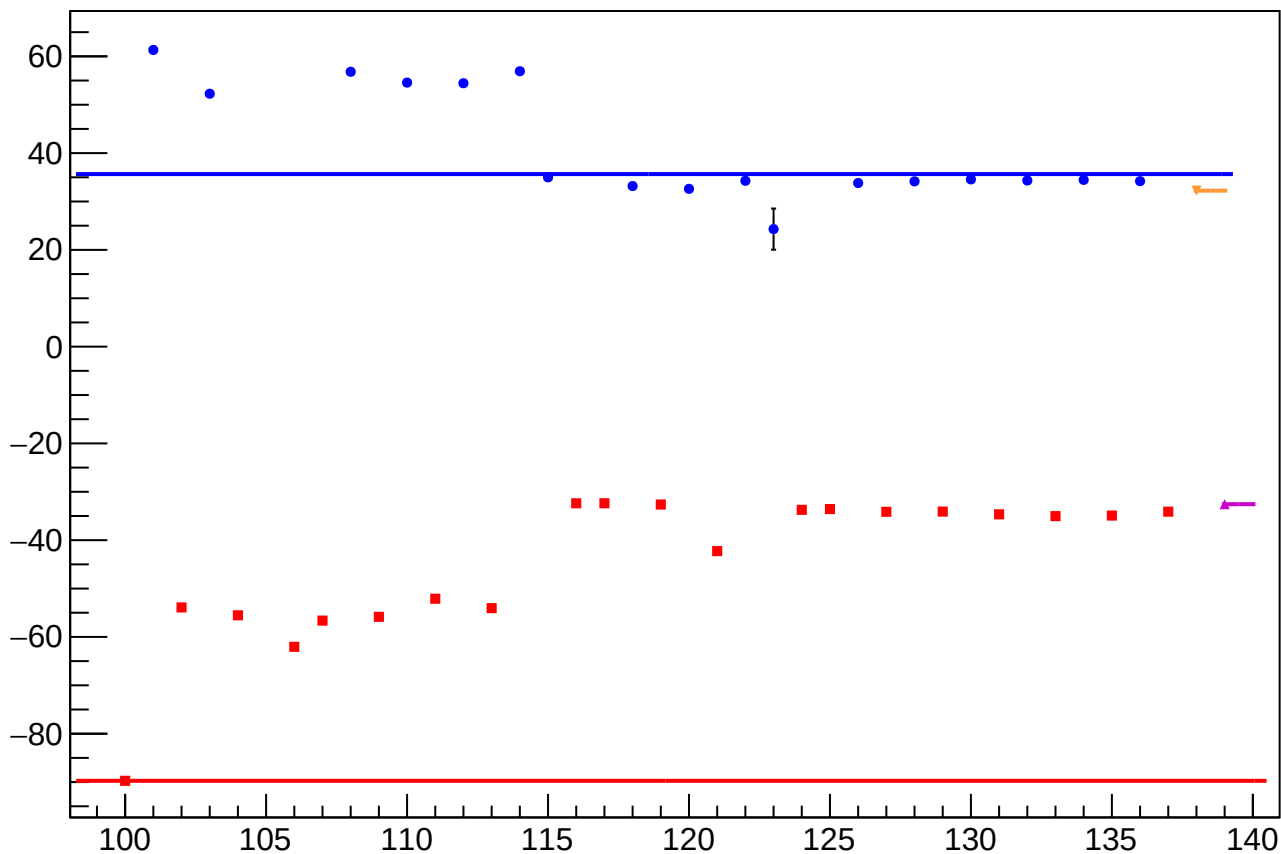
Left In: -0.379+/-0.011 χ^2/NDF : 0.0/0

0.193+/-0.000 χ^2/NDF : 16544.7/17

0.193+/-0.000 χ^2/NDF : 129000.9/38

-0.282+/-0.001 χ^2/NDF : 6156.9/20

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: 25816138.7/19

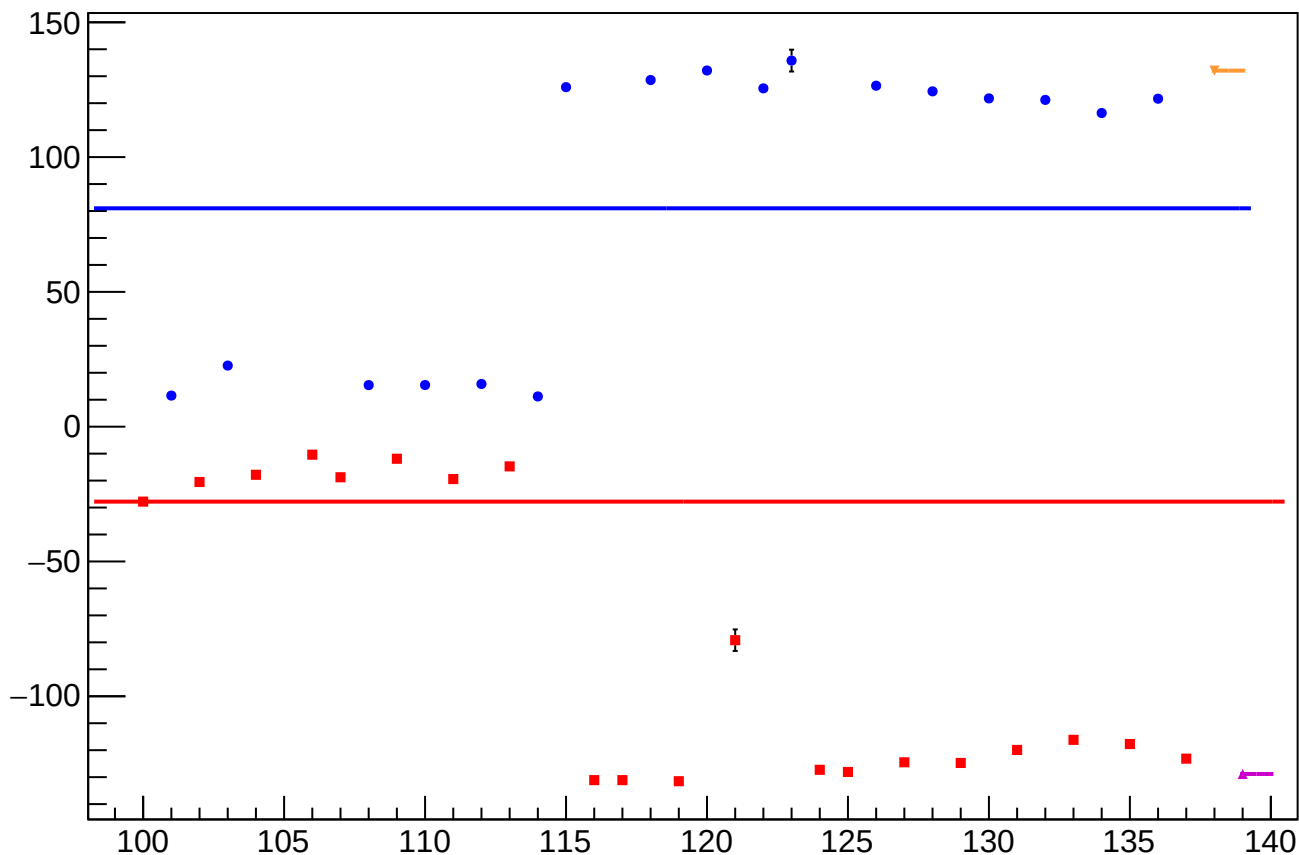
Left In: -32.563 $\pm$ 0.033 χ^2 /NDF: 0.0/0

35.050 $\pm$ 0.010 χ^2 /NDF: 234931.7/17

-89.735 $\pm$ 0.000 χ^2 /NDF: 175949774.0/3

-89.735 $\pm$ 0.000 χ^2 /NDF: 28840621.7/20

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 : 9194619.1/19

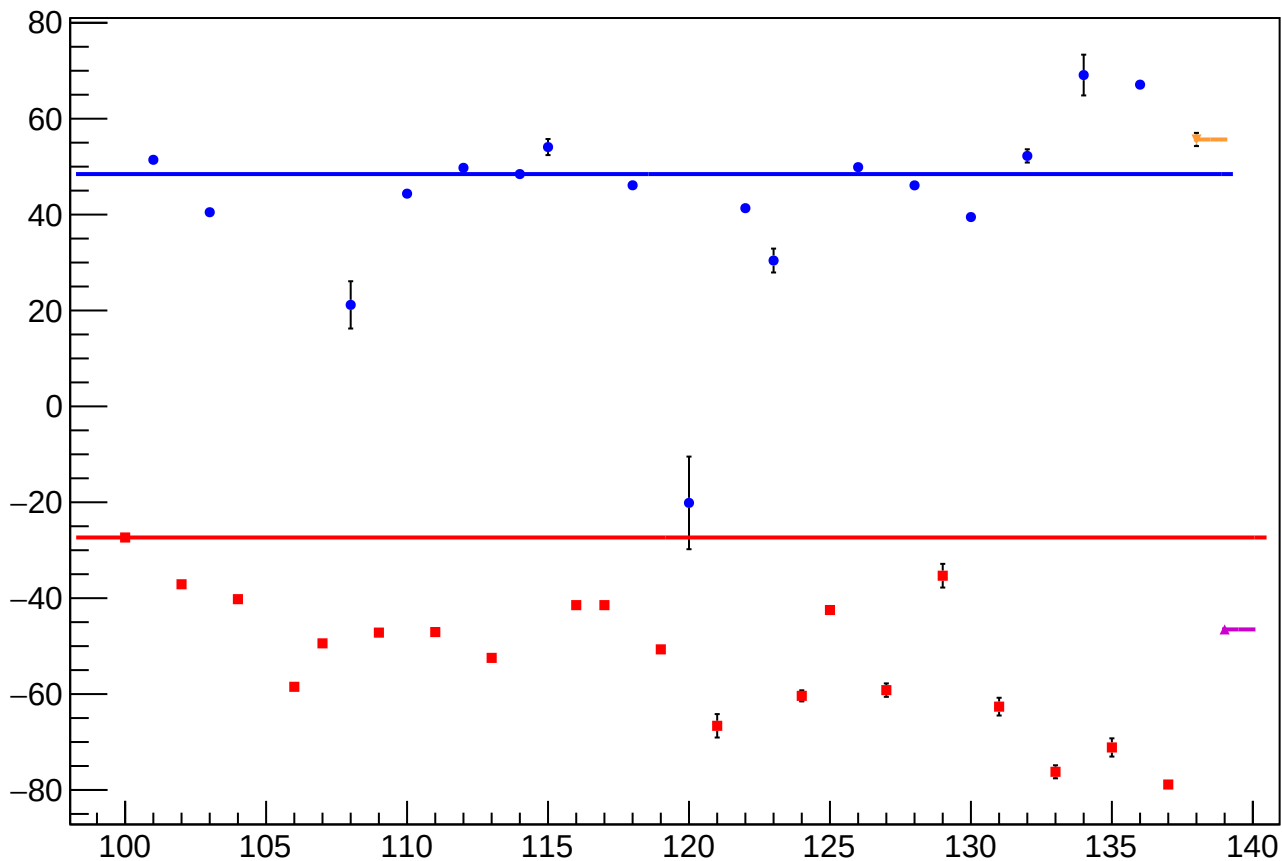
Left In: -128.829+/-0.109 χ^2/NDF : 0.0/0

90.328+/-0.031 χ^2/NDF : 2628192.1/17

-27.798+/-0.000 χ^2/NDF : 27000850.2/38

-27.798+/-0.000 χ^2/NDF : 10057662.0/20

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF : 2751.4/16

Left Out: 55.663+/-1.375 χ^2/NDF : 0.0/0

Right Out: -27.342+/-0.000 χ^2/NDF : 26331.1/19

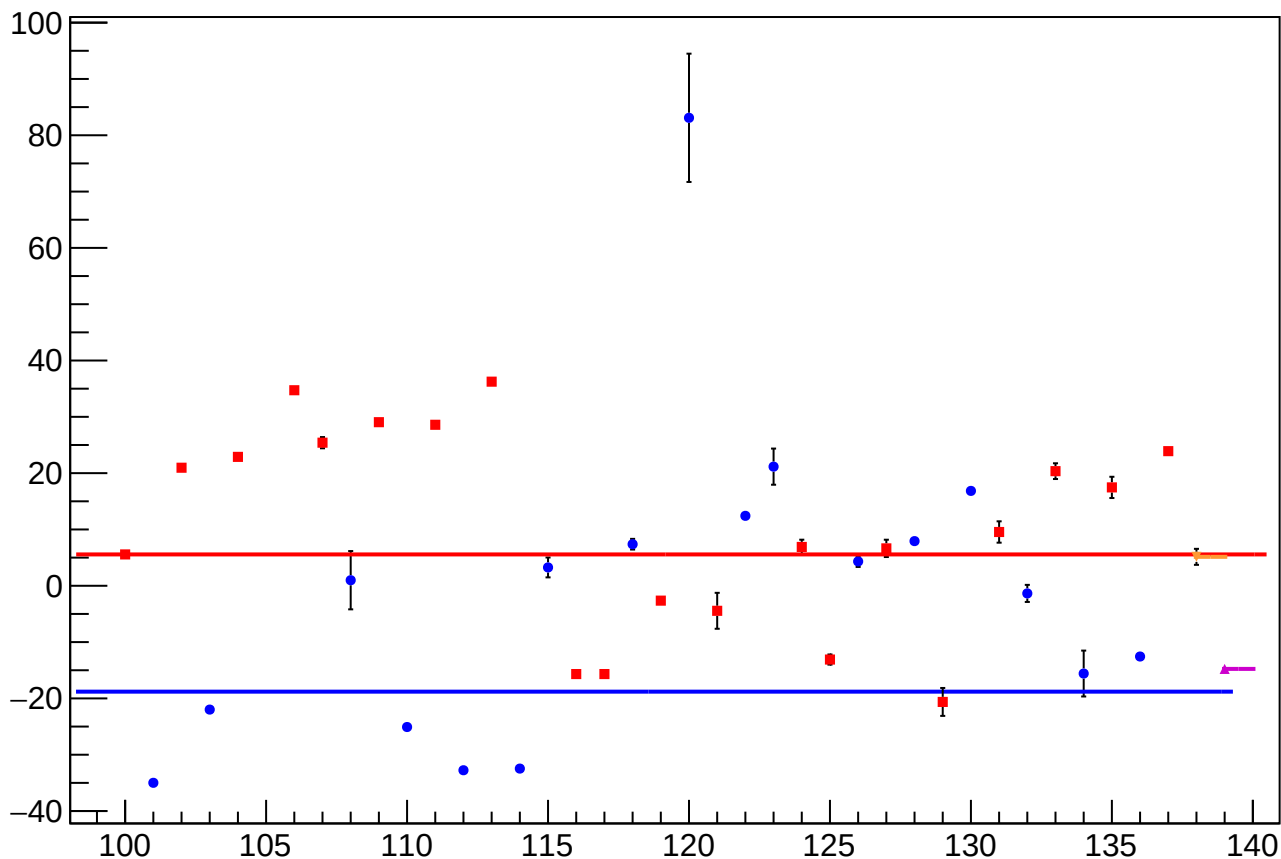
Left In: -46.514+/-0.845 χ^2/NDF : 0.0/0

48.450+/-0.000 χ^2/NDF : 2778.9/17

-23.670+/-0.000 χ^2/NDF : 132325766337

-27.342+/-0.000 χ^2/NDF : 26845.5/20

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 $\chi^2/\text{NDF}: 24057.5/19$

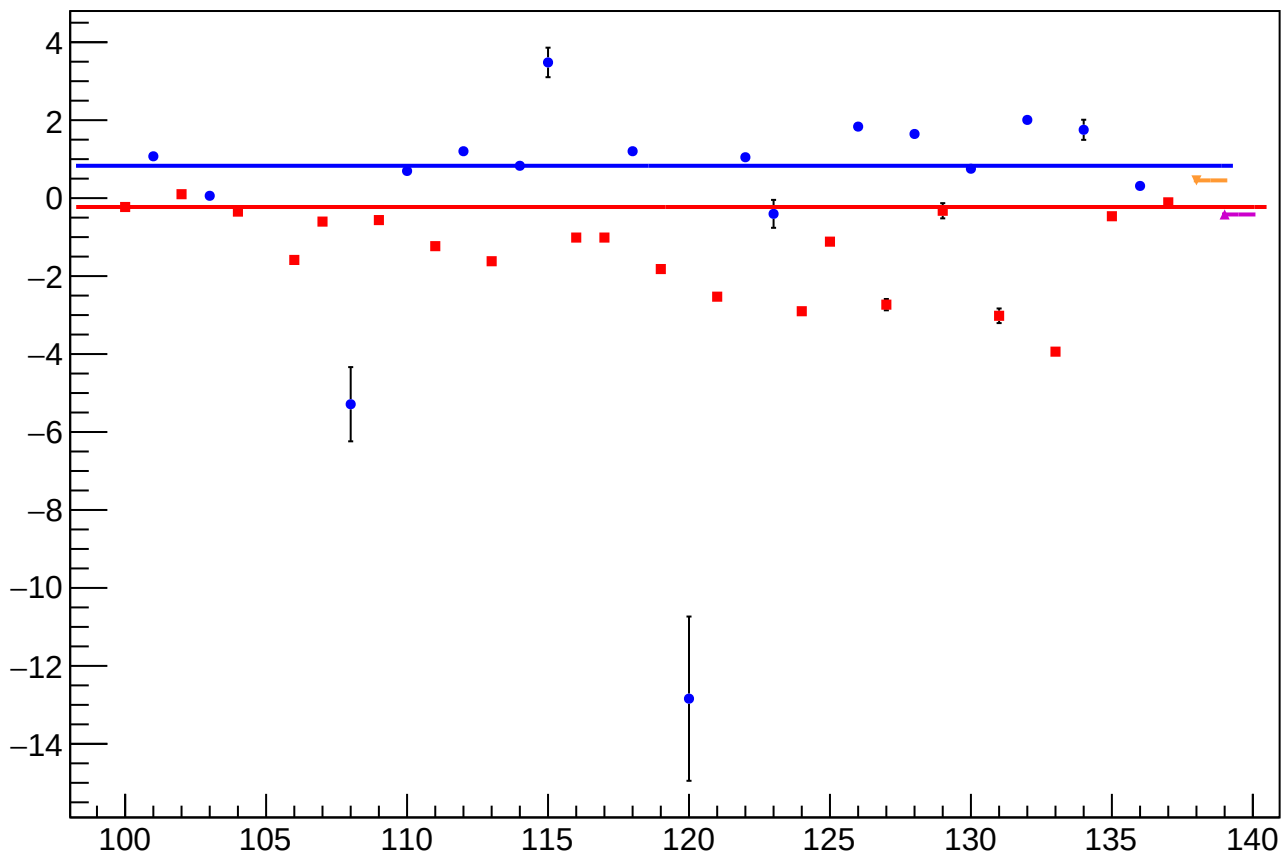
Left In: -14.761 ± 0.861 $\chi^2/\text{NDF}: 0.0/0$

-18.541 ± 0.148 $\chi^2/\text{NDF}: 12045.4/17$

5.568 ± 0.000 $\chi^2/\text{NDF}: 63328.2/38$

5.568 ± 0.000 $\chi^2/\text{NDF}: 24614.4/20$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.455 ± 0.008 χ^2/NDF : 0.0/0

Right Out: -0.227 ± 0.000 χ^2/NDF : 12548.7/19

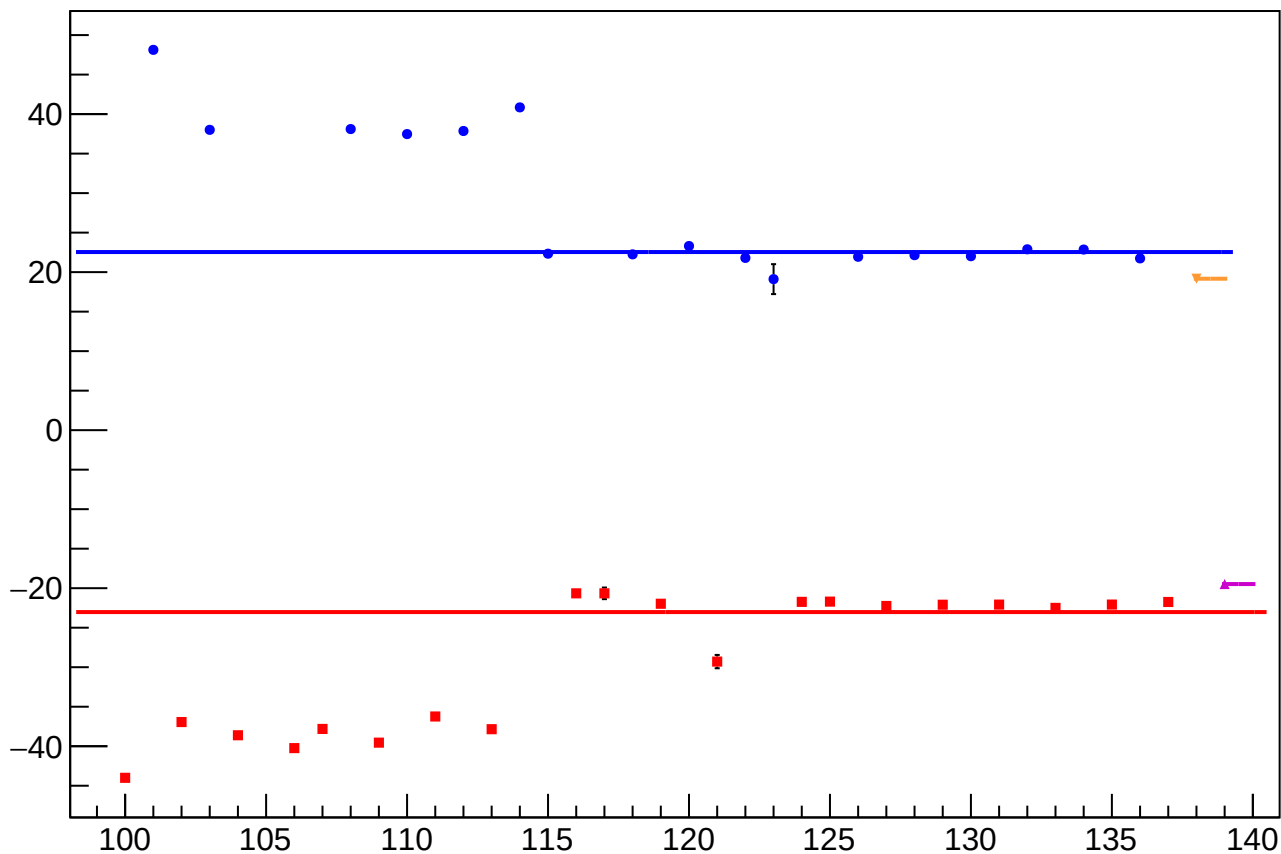
Left In: -0.419 ± 0.009 χ^2/NDF : 0.0/0

0.830 ± 0.000 χ^2/NDF : 16877.0/17

-0.119 ± 0.000 χ^2/NDF : 8952099166794

-0.227 ± 0.000 χ^2/NDF : 12976.9/20

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: -23.022 $\pm$ 0.009 χ^2 /NDF: 165848.3/19

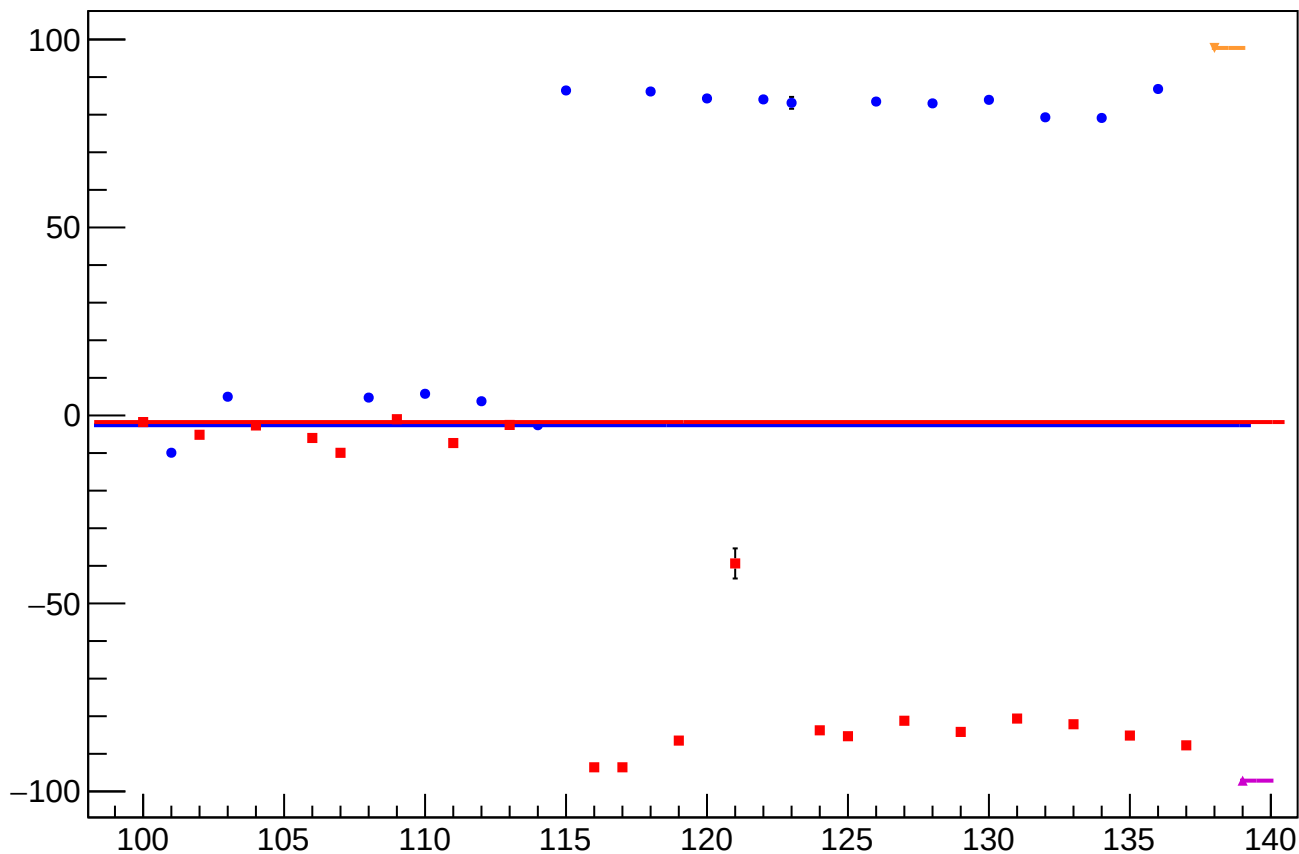
Left In: -19.477 $\pm$ 0.027 χ^2 /NDF: 0.0/0

22.336 $\pm$ 0.009 χ^2 /NDF: 113504.8/17

-1.318 $\pm$ 0.006 χ^2 /NDF: 13374010.4/38

-22.658 $\pm$ 0.009 χ^2 /NDF: 181619.6/20

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: 4236707.9/19

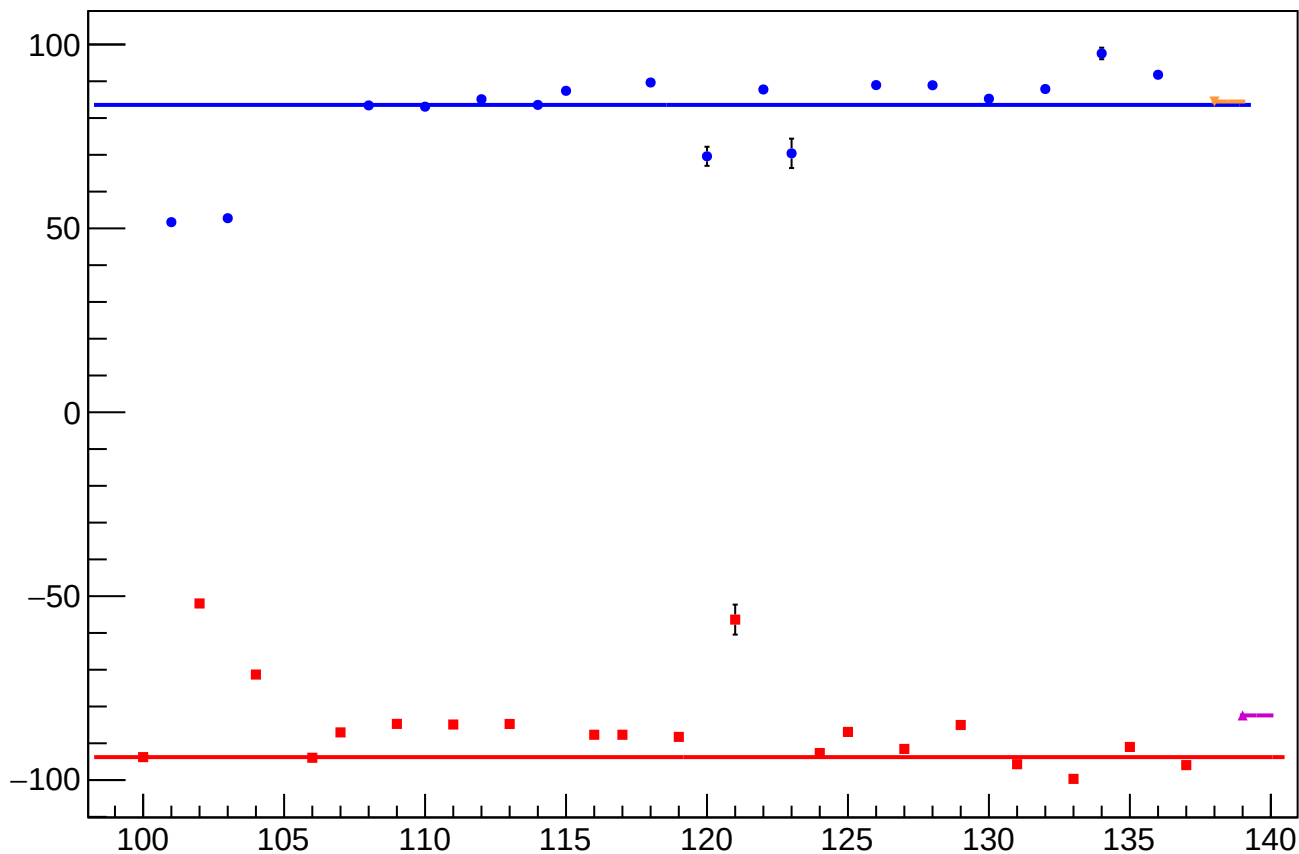
Left In: -97.135+/-0.040 χ^2 /NDF:0.0/0

-2.596+/-0.000 χ^2 /NDF: 9238867.7/17

-2.300+/-0.000 χ^2 /NDF: 1380717163323

-1.758+/-0.000 χ^2 /NDF: 9956804.9/20

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 : 85273.0/19

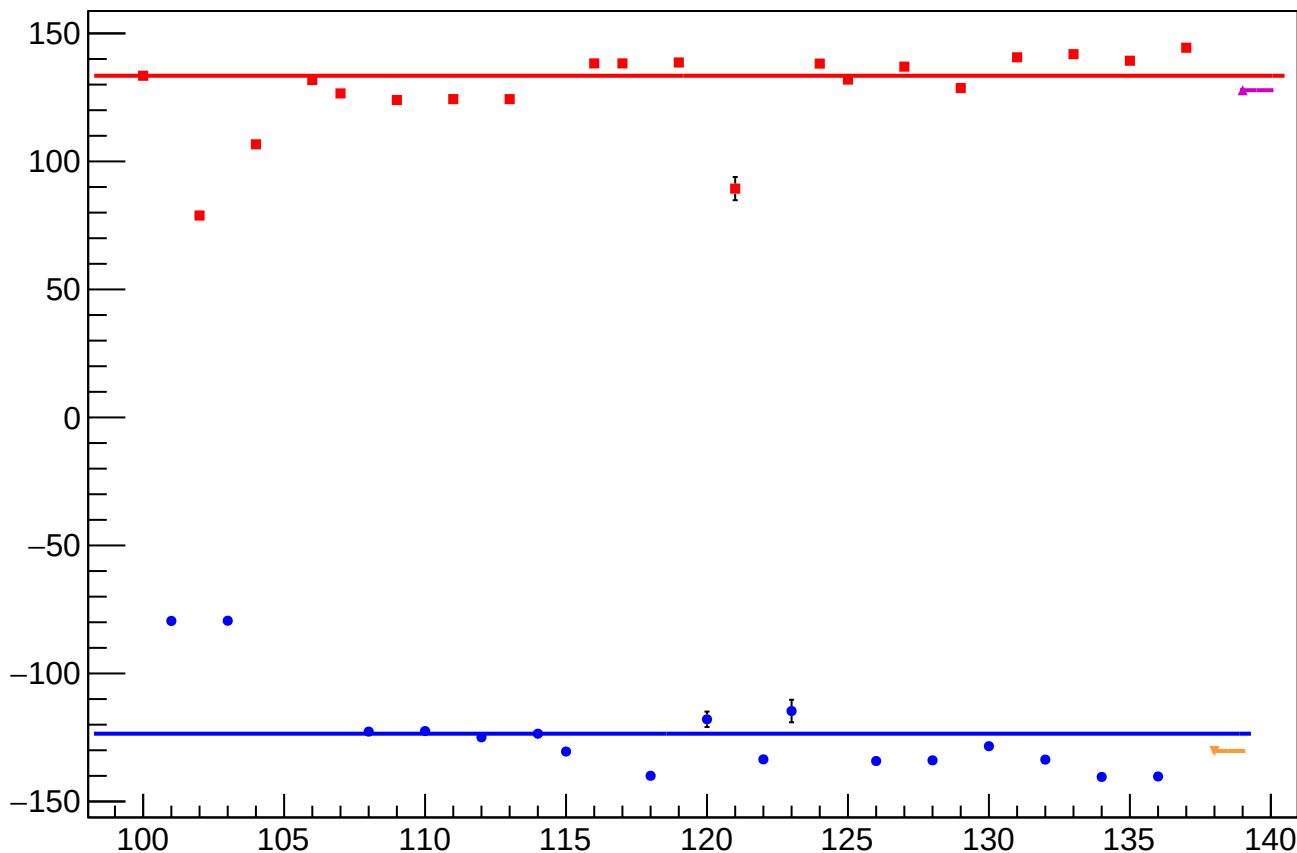
Left In: -82.422+/-0.286 χ^2/NDF : 0.0/0

83.573+/-0.000 χ^2/NDF : 49471.1/17

20.984+/-0.000 χ^2/NDF : 6045693090189

-93.762+/-0.000 χ^2/NDF : 86845.6/20

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 : 396347.1/19

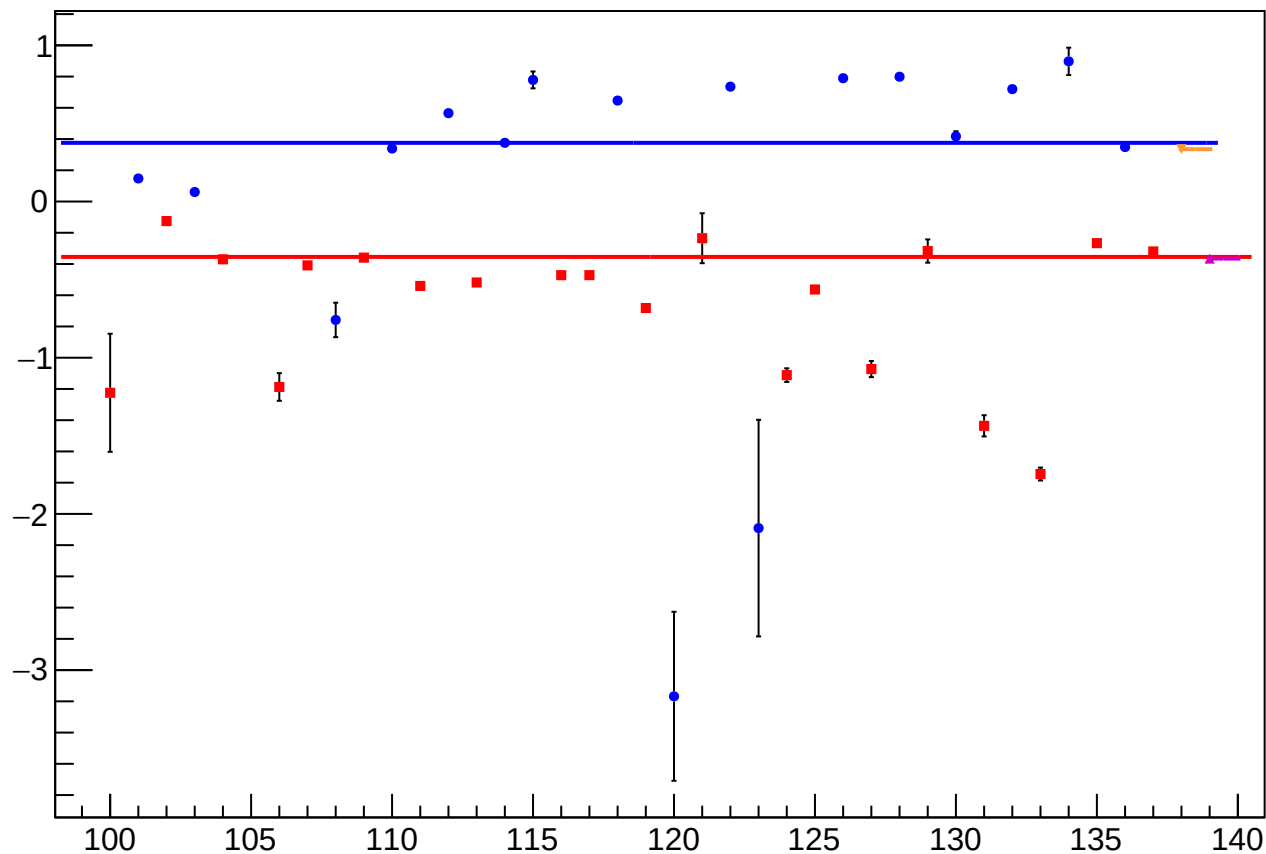
Left In: 127.805+/-0.285 χ^2/NDF : 0.0/0

-123.524+/-0.000 χ^2/NDF : 160513.0/17

-92.687+/-0.000 χ^2/NDF : 431650658224

133.456+/-0.000 χ^2/NDF : 396740.4/20

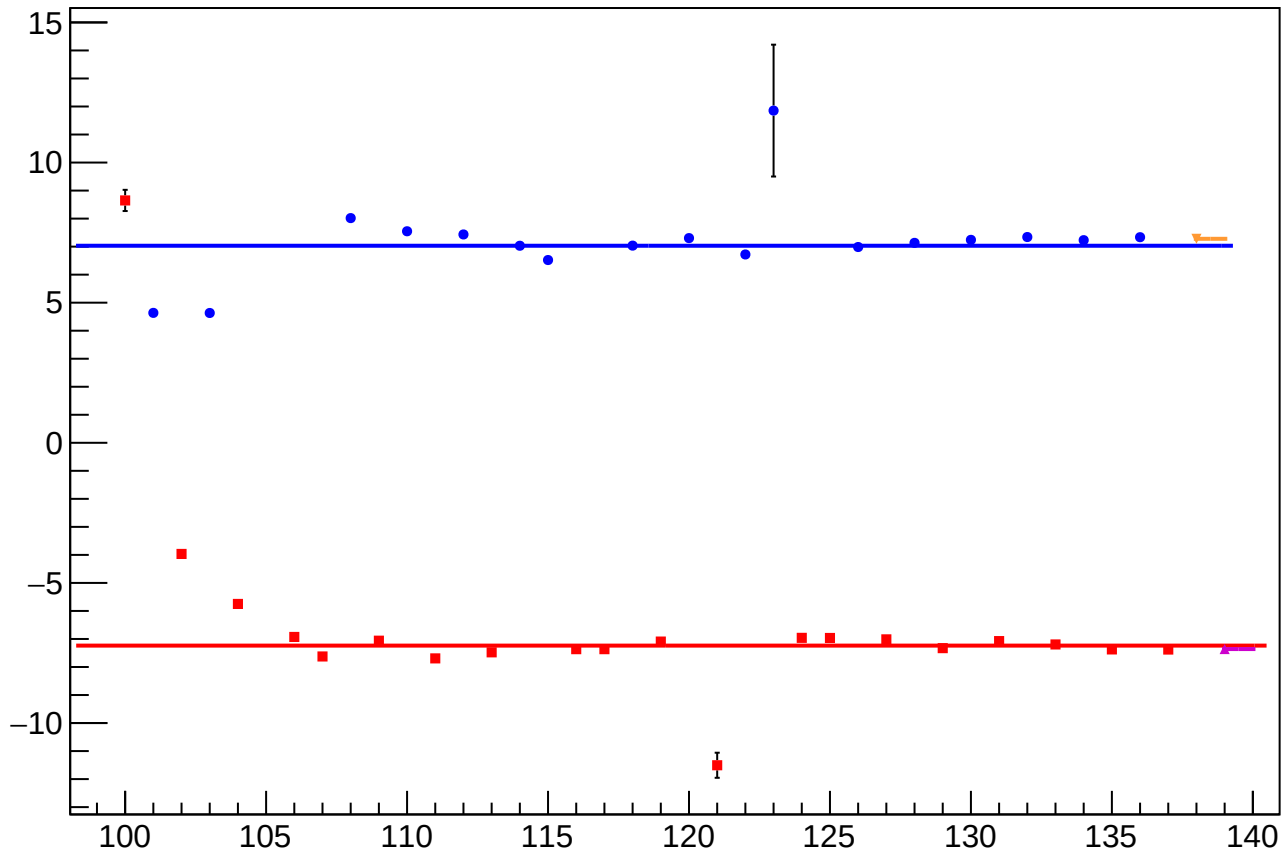
dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF : 3961.7/16
 Left Out: 0.335+/-0.004 χ^2/NDF : 0.0/0
 Right Out: -0.354+/-0.002 χ^2/NDF : 4618.1/19
 Left In: -0.365+/-0.003 χ^2/NDF : 0.0/0

0.376+/-0.000 χ^2/NDF : 4056.0/17
 0.376+/-0.000 χ^2/NDF : 316538.0/38
 -0.357+/-0.001 χ^2/NDF : 4630.4/20

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: -7.237 $\pm$ 0.002 χ^2/NDF : 10146.4/19

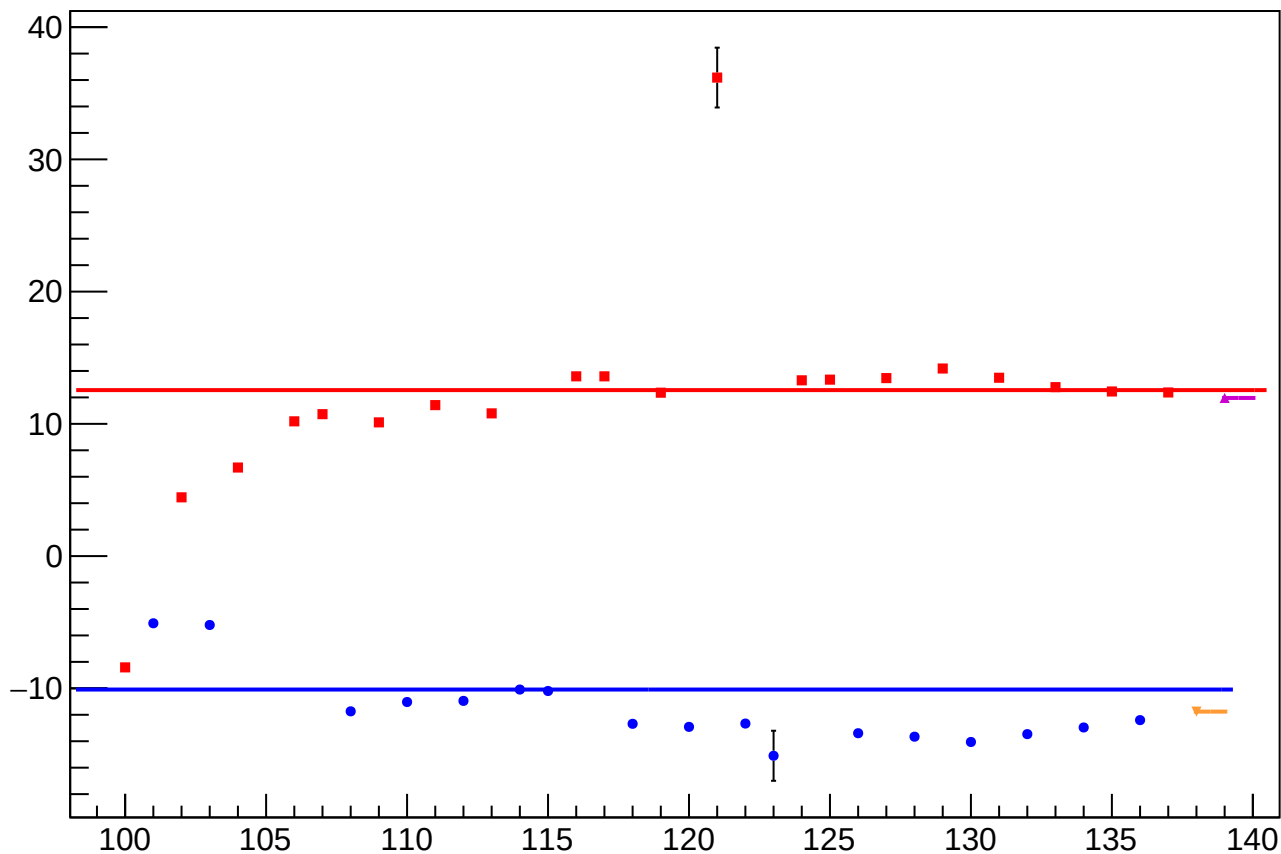
Left In: -7.360 $\pm$ 0.006 χ^2/NDF : 0.0/0

7.032 $\pm$ 0.000 χ^2/NDF : 21074.3/17

7.032 $\pm$ 0.000 χ^2/NDF : 42151830.6/38

-7.252 $\pm$ 0.002 χ^2/NDF : 10480.2/20

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.760 ± 0.019 χ^2/NDF : 0.0/0

Right Out: 12.551 ± 0.004 χ^2/NDF : 106791.1/19

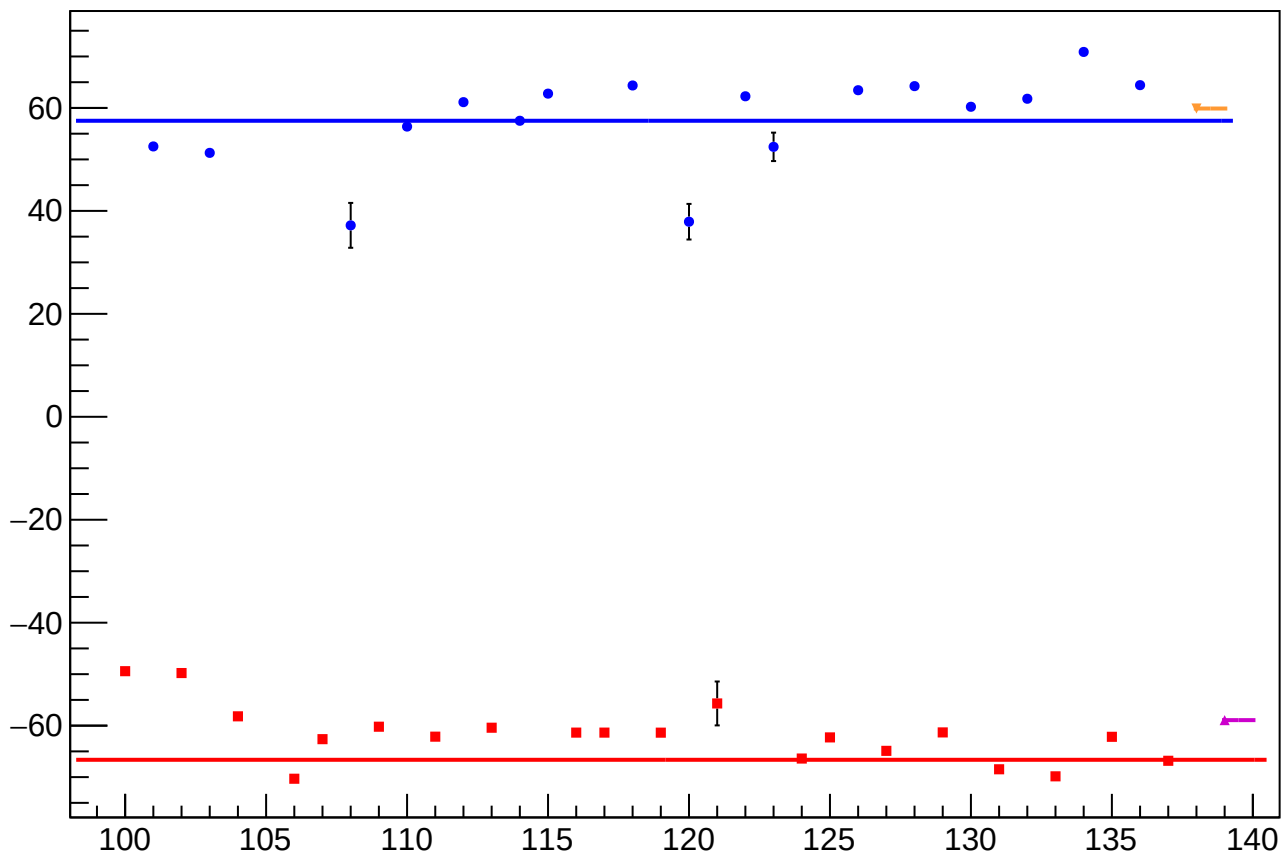
Left In: 11.958 ± 0.011 χ^2/NDF : 0.0/0

-10.092 ± 0.000 χ^2/NDF : 551382.1/17

-10.092 ± 0.000 χ^2/NDF : 42266509.2/38

12.496 ± 0.004 χ^2/NDF : 109205.1/20

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: -66.634 $\pm$ 0.013 χ^2 /NDF: 8486.4/19

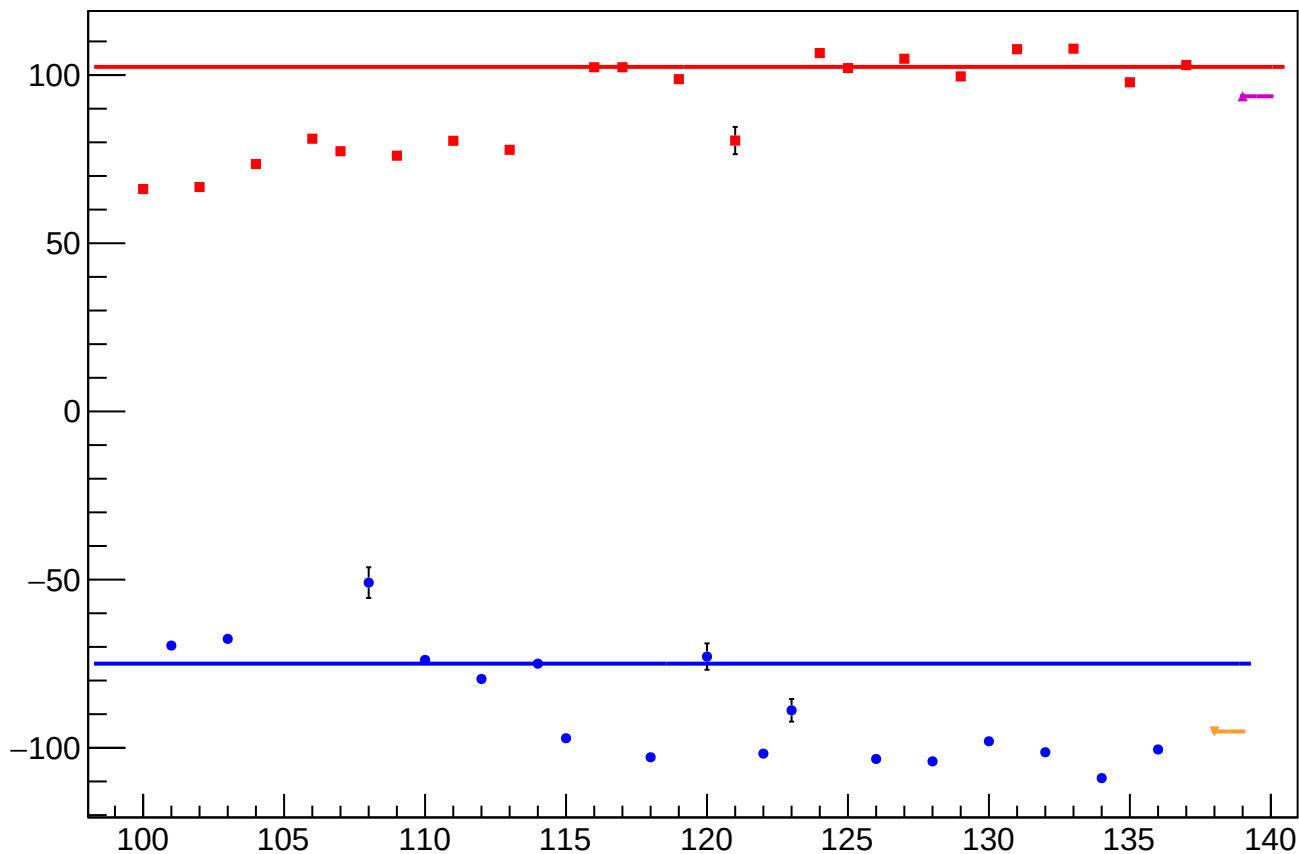
Left In: -58.929 $\pm$ 0.139 χ^2 /NDF: 0.0/0

57.510 $\pm$ 0.000 χ^2 /NDF: 8176.6/17

57.510 $\pm$ 0.000 χ^2 /NDF: 91058309.0/38

-66.567 $\pm$ 0.013 χ^2 /NDF: 11546.5/20

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 $\chi^2/\text{NDF}: 50377.6/19$

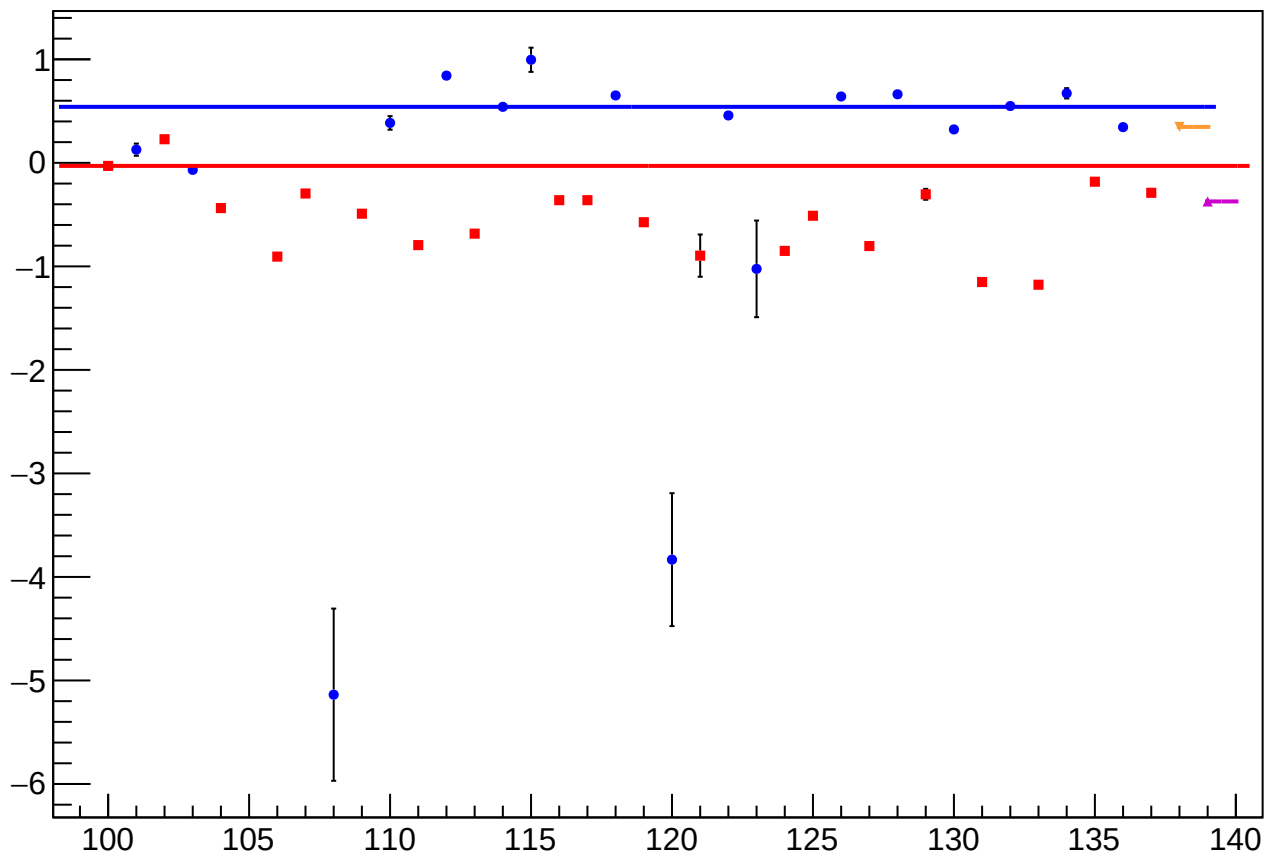
Left In: 93.687 ± 0.135 $\chi^2/\text{NDF}: 0.0/0$

-74.974 ± 0.000 $\chi^2/\text{NDF}: 135054.0/17$

-74.974 ± 0.000 $\chi^2/\text{NDF}: 101243147.9/3$

102.281 ± 0.018 $\chi^2/\text{NDF}: 54479.9/20$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541 ± 0.000 χ^2/NDF : 29180.5/16

Left Out: 0.347 ± 0.003 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.000 χ^2/NDF : 121752.0/19

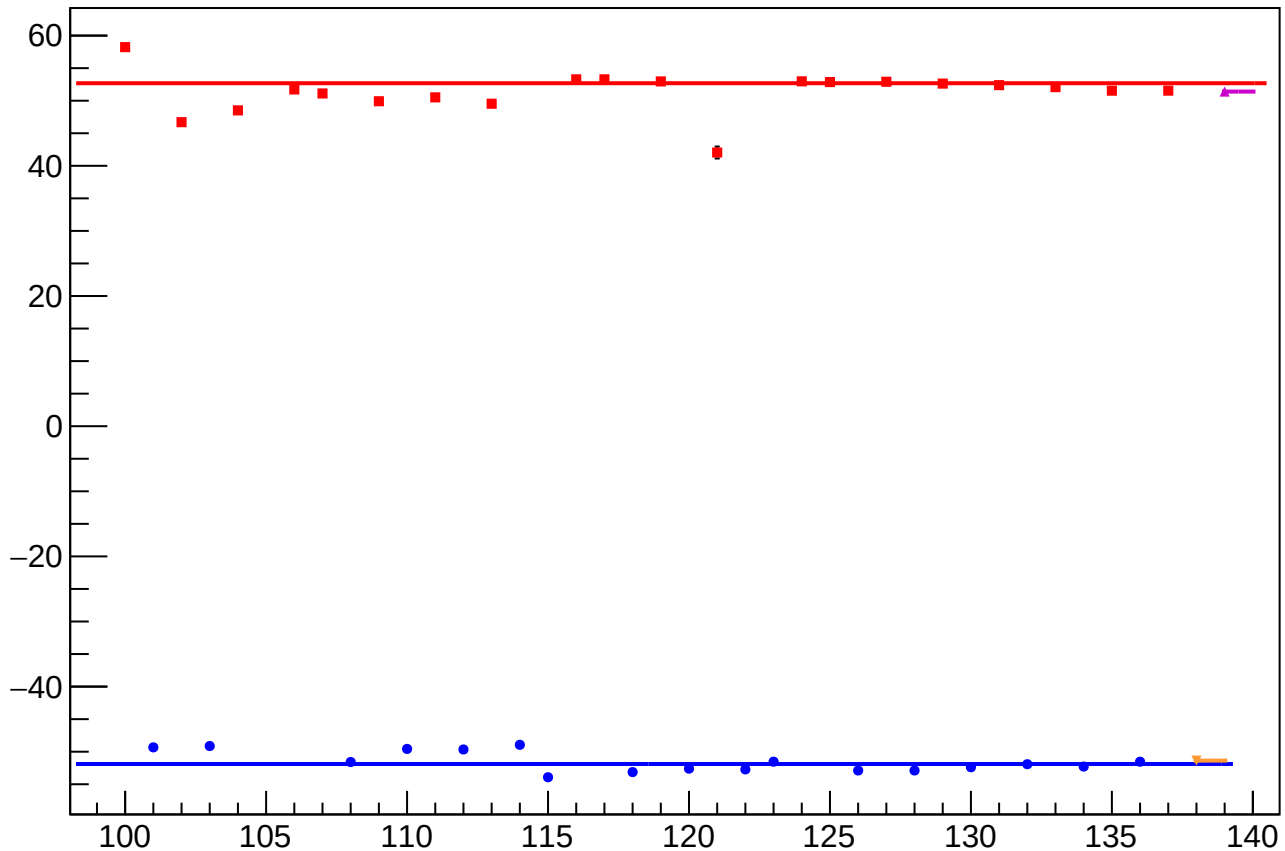
Left In: -0.373 ± 0.003 χ^2/NDF : 0.0/0

0.541 ± 0.000 χ^2/NDF : 33616.5/17

-0.028 ± 0.000 χ^2/NDF : 29006030357409

-0.030 ± 0.000 χ^2/NDF : 133966.4/20

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 ± 0.002 $\chi^2/\text{NDF}: 77585.2/16$

Left Out: -51.369 ± 0.008 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 52.688 ± 0.003 $\chi^2/\text{NDF}: 56462.4/19$

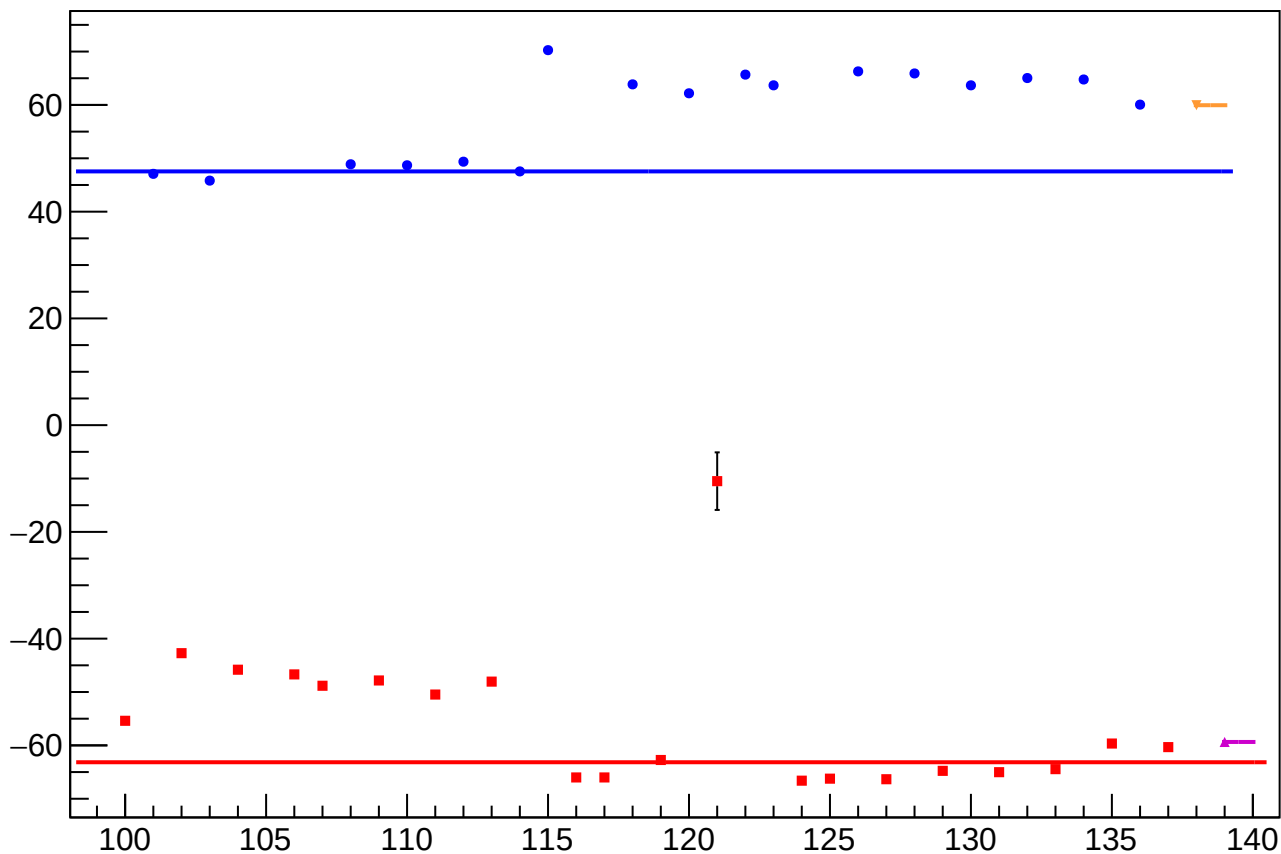
Left In: 51.403 ± 0.008 $\chi^2/\text{NDF}: 0.0/0$

-51.854 ± 0.002 $\chi^2/\text{NDF}: 81105.8/17$

-5.835 ± 0.002 $\chi^2/\text{NDF}: 1035163130.6/39$

52.565 ± 0.002 $\chi^2/\text{NDF}: 80565.2/20$

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: -63.161+/-0.007 χ^2/NDF : 337052.2/19

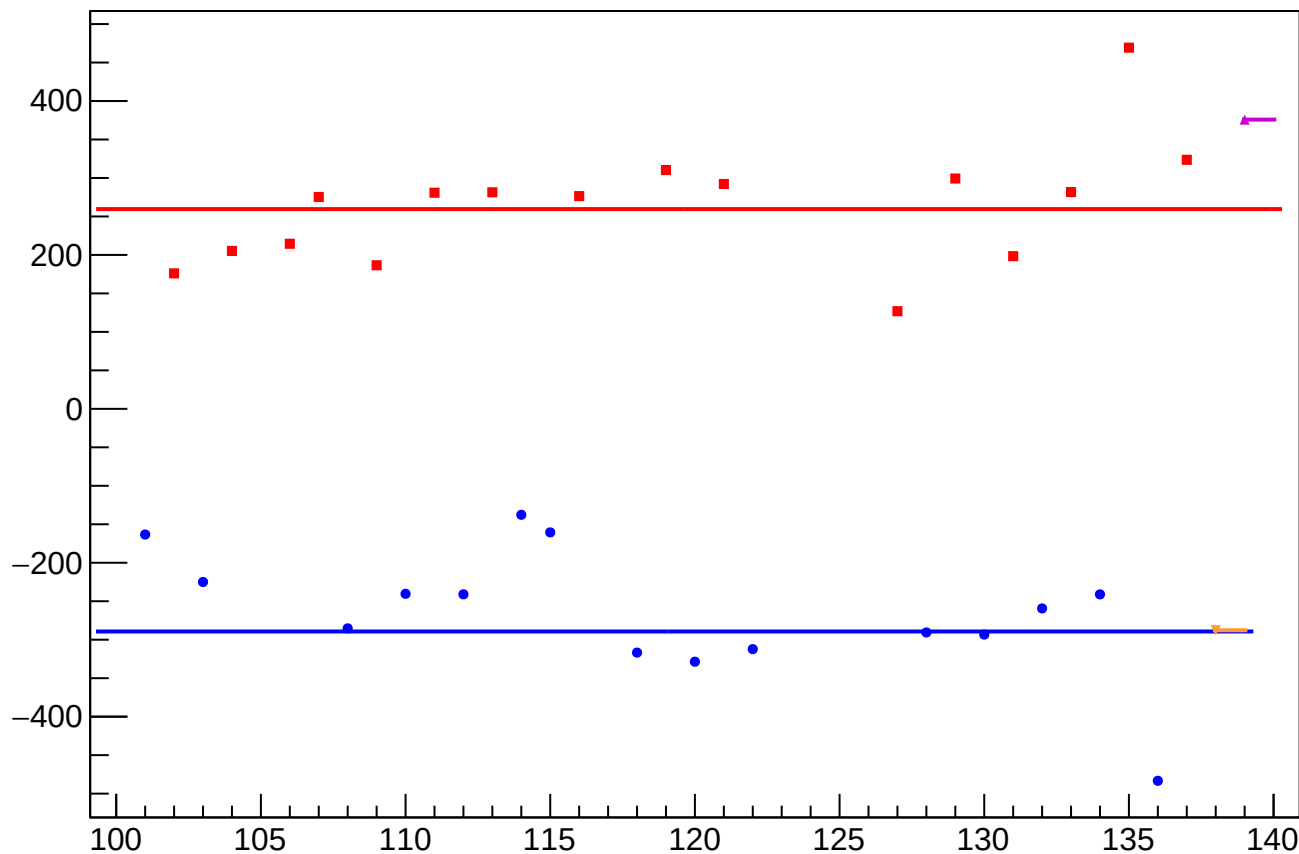
Left In: -59.360+/-0.019 χ^2/NDF : 0.0/0

47.545+/-0.000 χ^2/NDF : 4084314.4/17

47.545+/-0.000 χ^2/NDF : 261519029.2/38

-62.648+/-0.007 χ^2/NDF : 372710.6/20

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -287.718+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

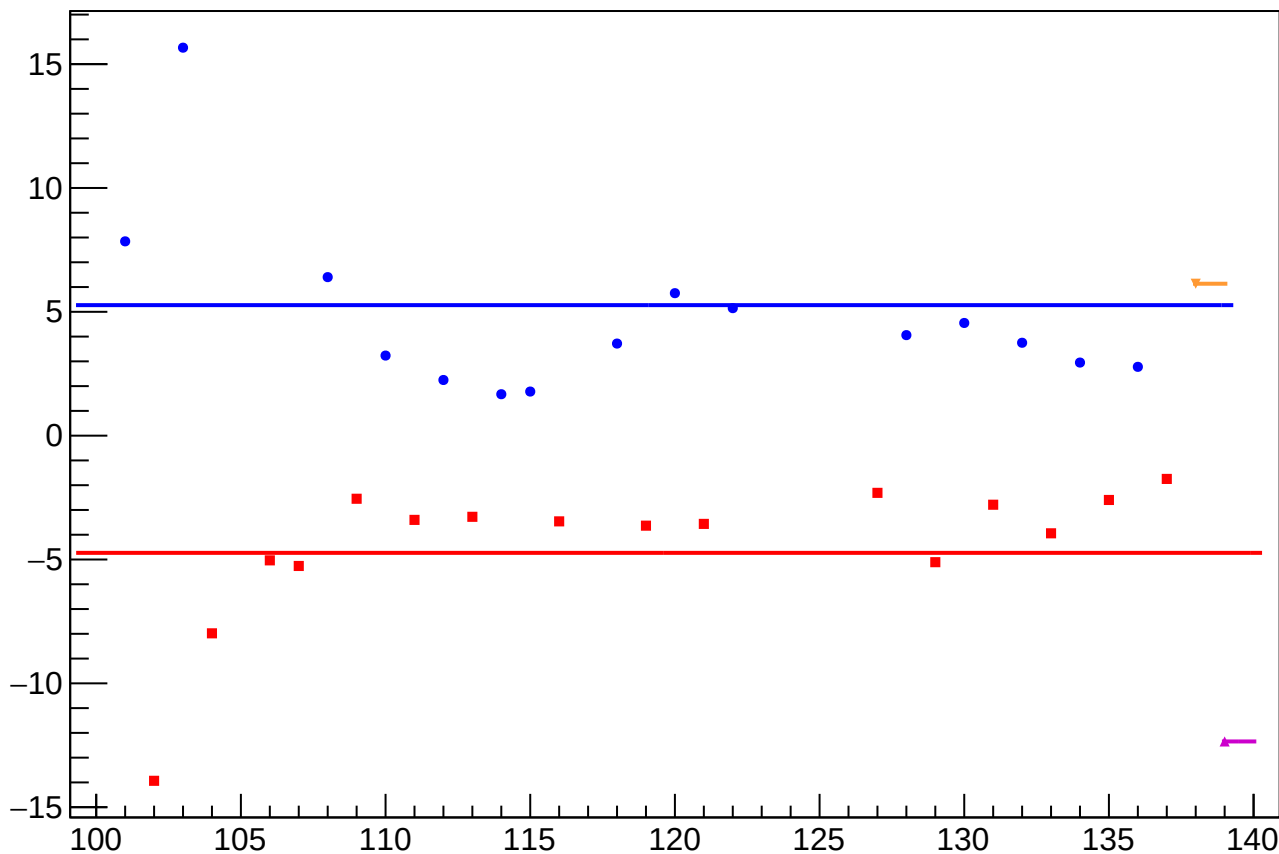
Left In: 375.842+/-0.000 χ^2/NDF : 0.0/0

-289.150+/-0.000 χ^2/NDF : 5369860873540844

-12.939+/-0.000 χ^2/NDF : 122068465716

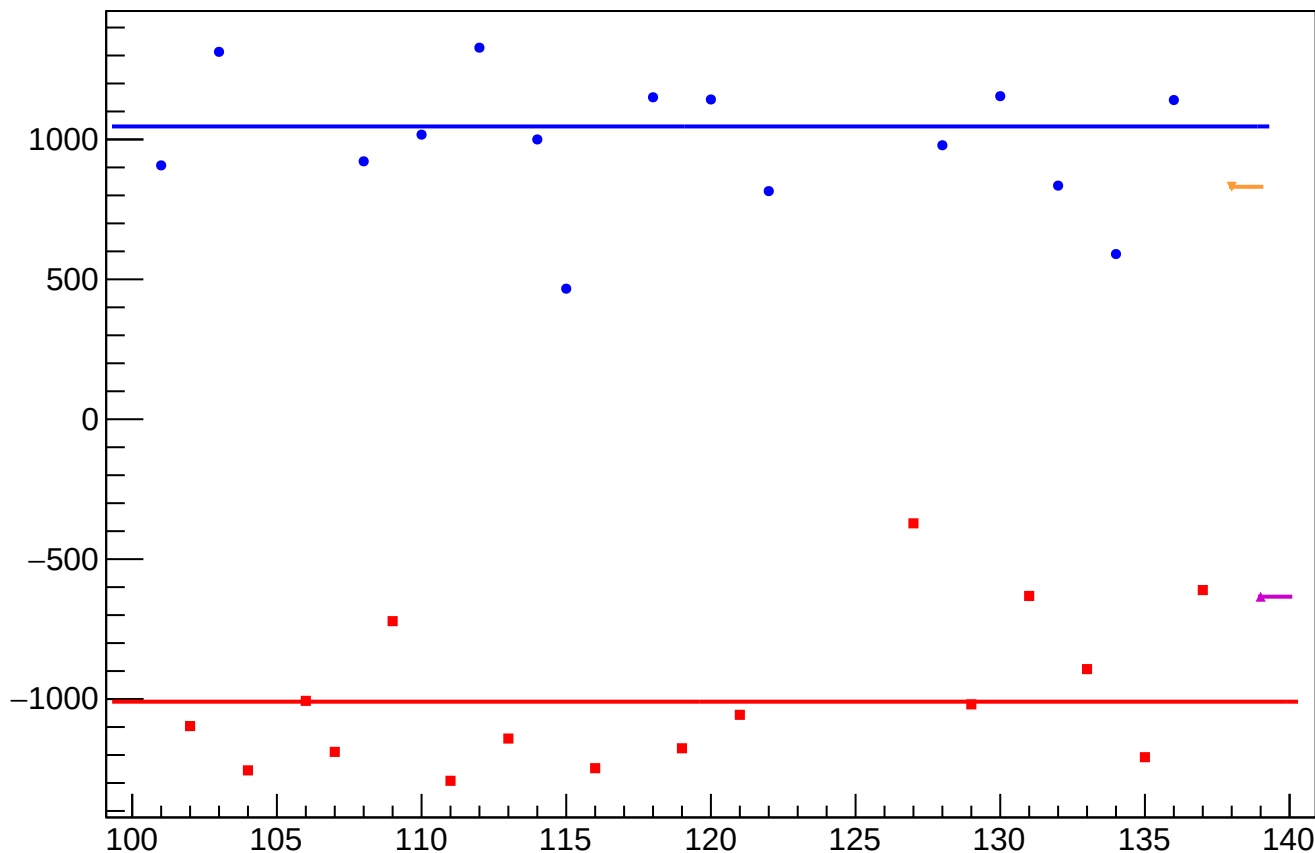
267.516+/-0.000 χ^2/NDF : 49171216153068993

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: -12.346+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

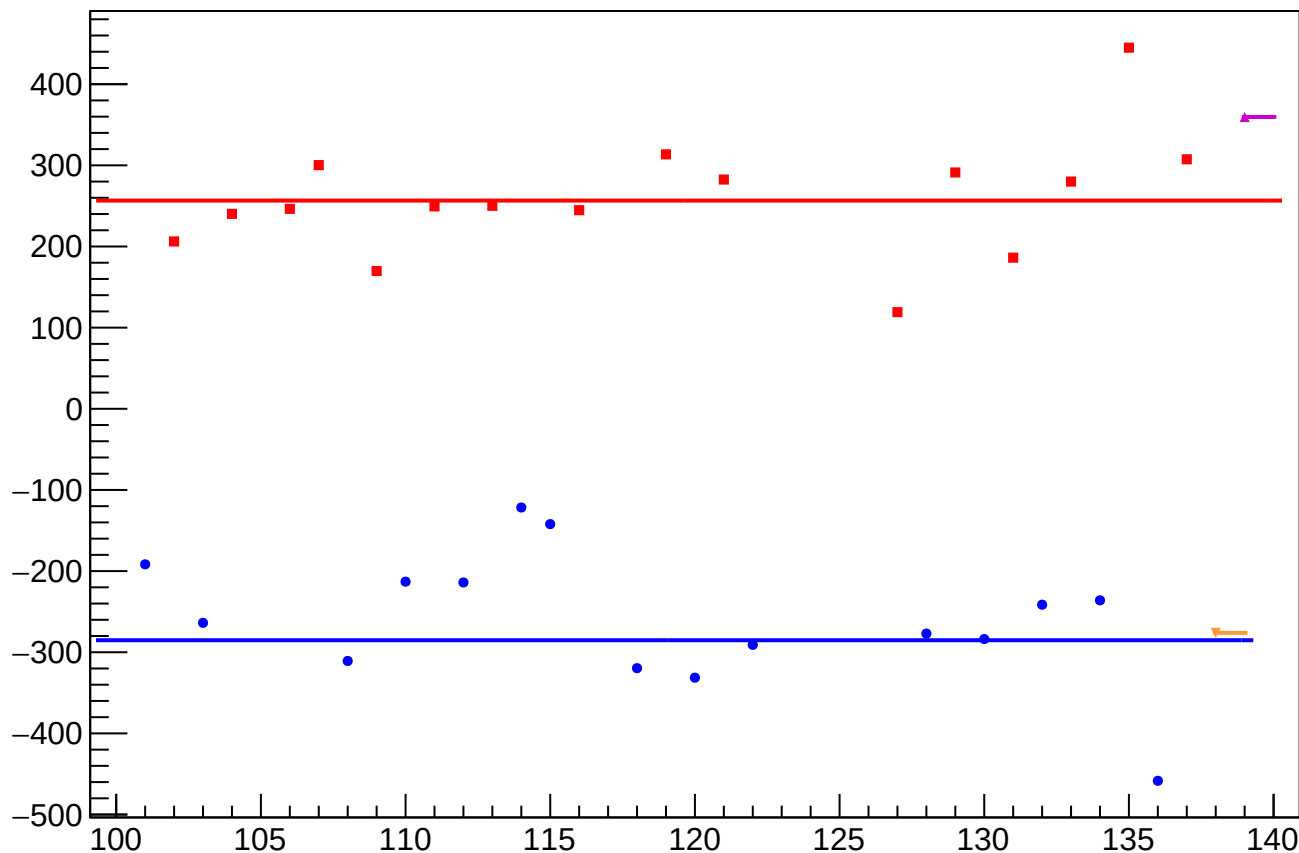
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

-983.760+/-0.000 χ^2/NDF : 5103290034536262

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

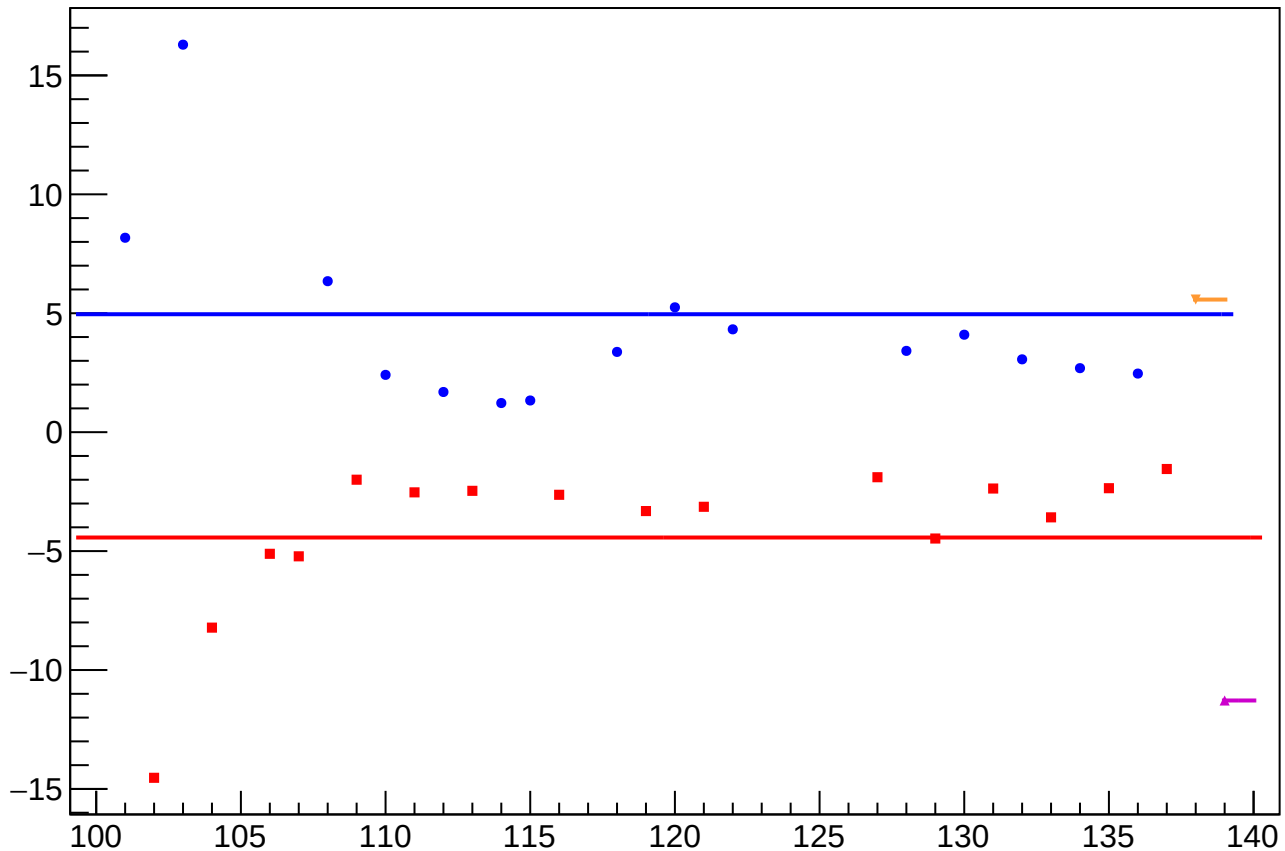
Left In: 359.581+/-0.000 χ^2/NDF : 0.0/0

-284.209+/-0.000 χ^2/NDF : 4485368113279827

-12.369+/-0.000 χ^2/NDF : 116889073406

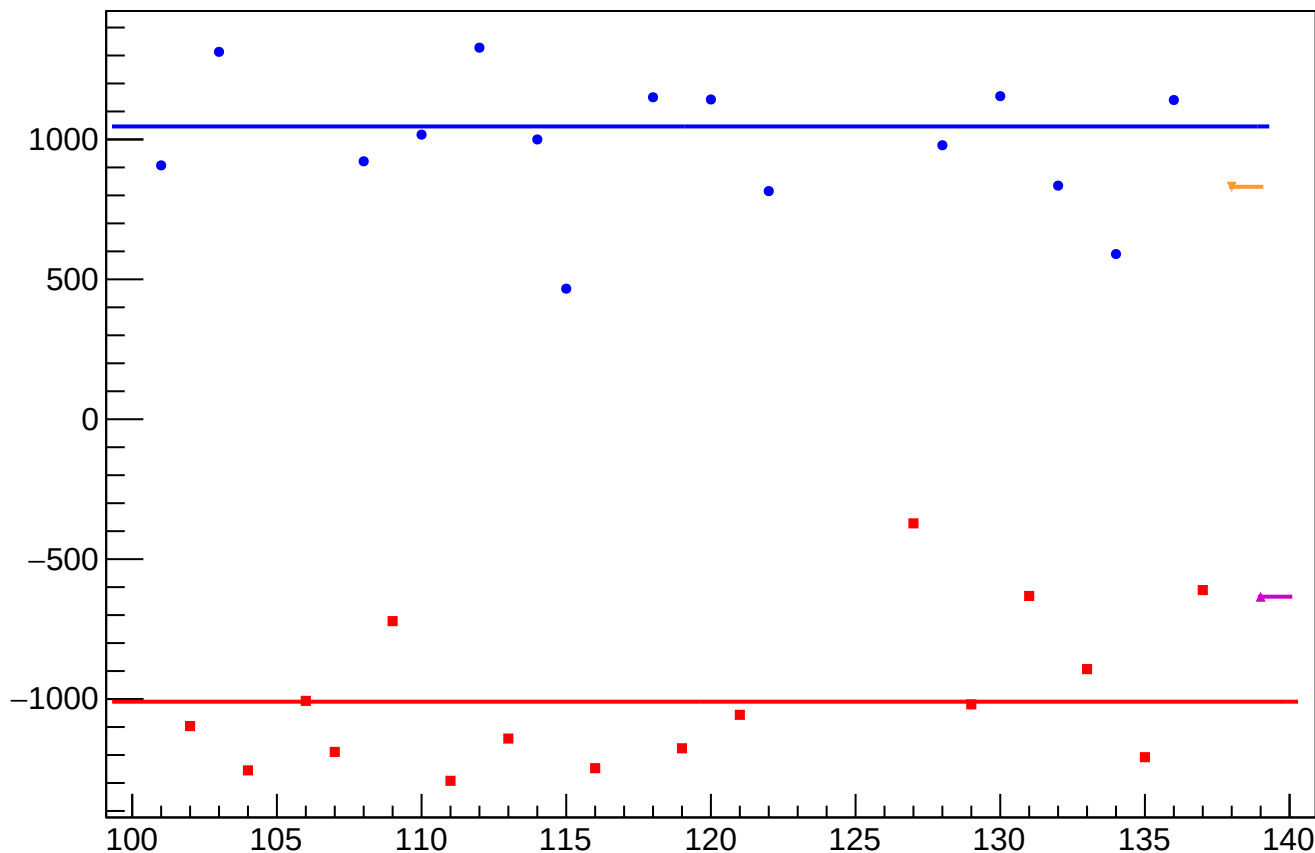
263.647+/-0.000 χ^2/NDF : 41323623614344736

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: -11.281 ± 0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

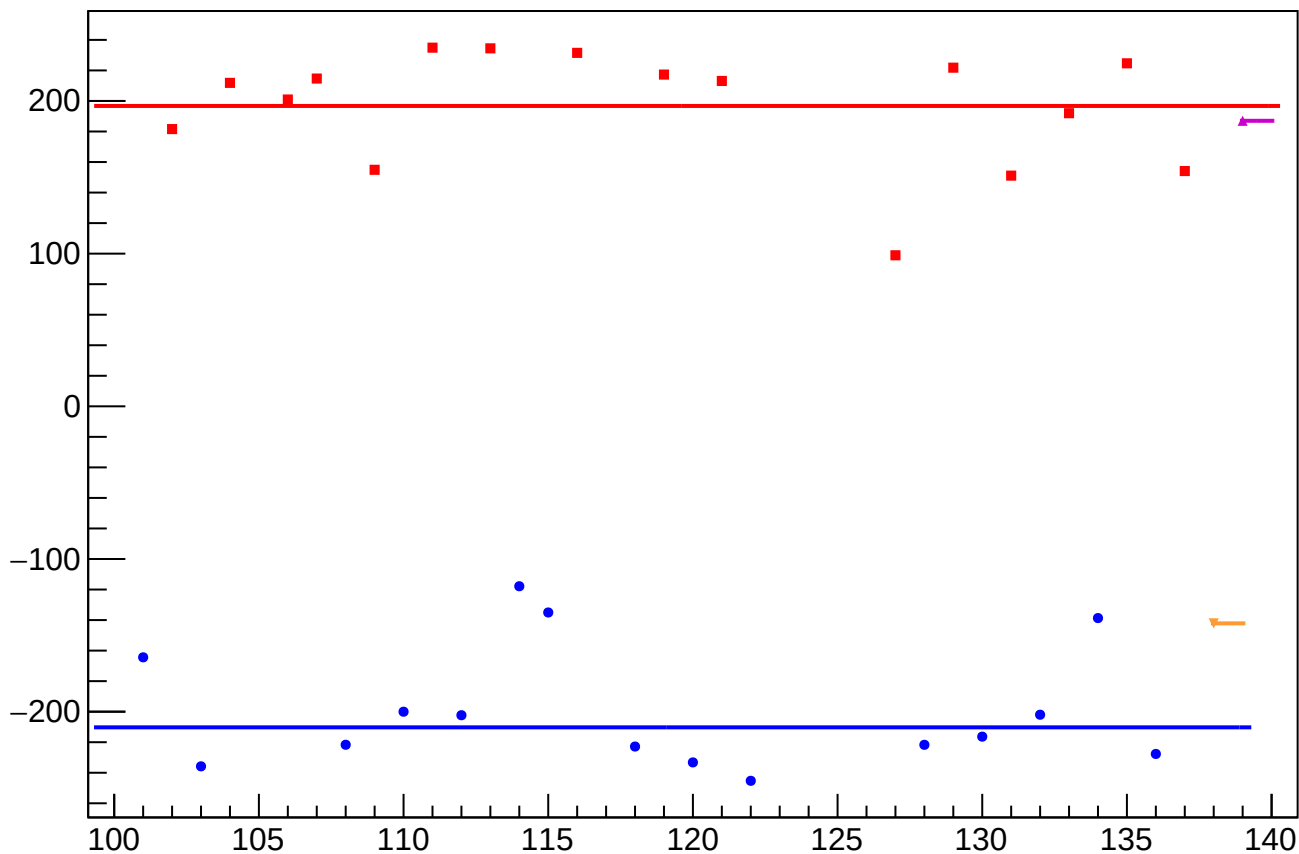
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -142.161+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

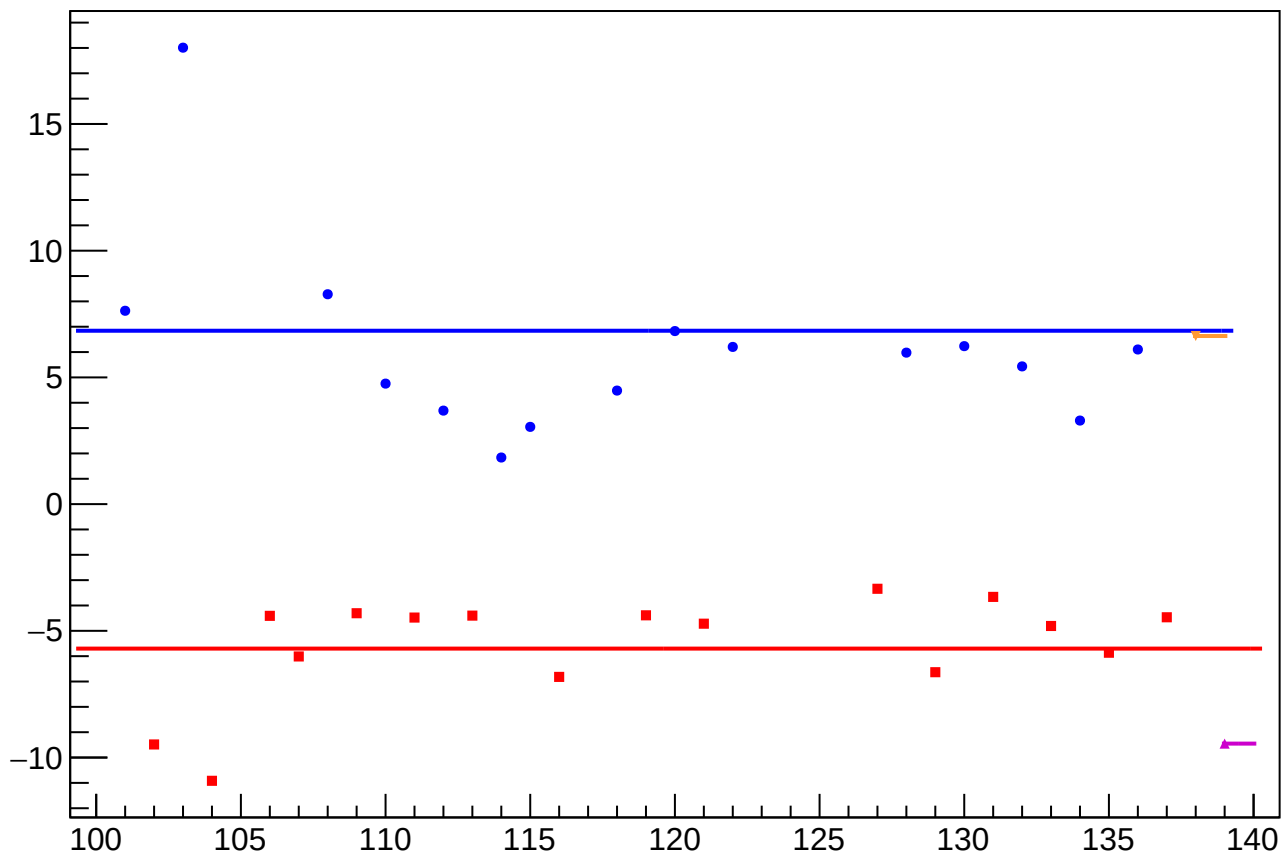
Left In: 187.014+/-0.000 χ^2/NDF : 0.0/0

-202.955+/-0.000 χ^2/NDF : 8906353944034010

-4.963+/-0.000 χ^2/NDF : 59240490381145

196.071+/-0.000 χ^2/NDF : 91390361742747357

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

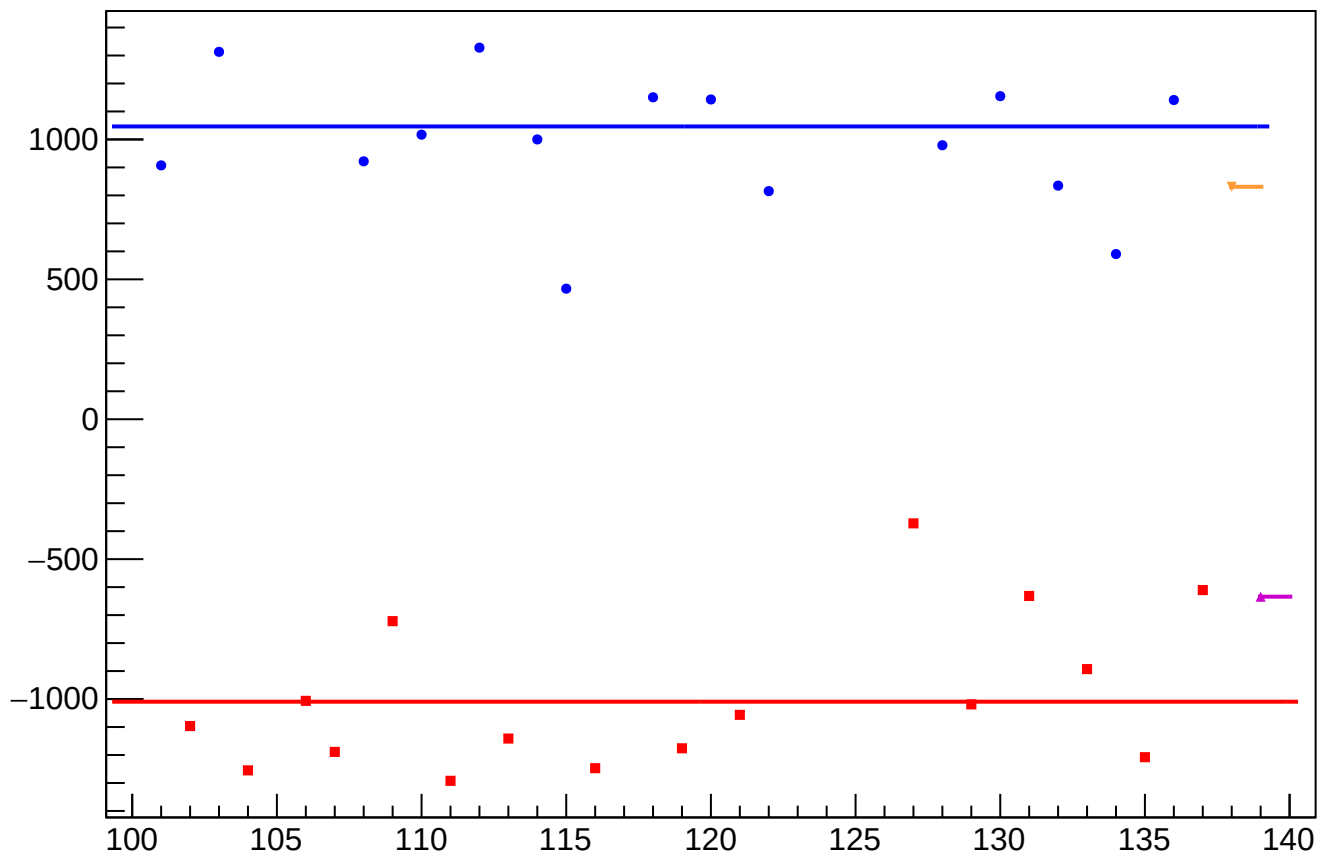
Left In: -9.450 ± 0.000 χ^2/NDF : 154.6/0

6.819 ± 0.000 χ^2/NDF : 9358950373345783470

0.479 ± 0.000 χ^2/NDF : 72063853614572

-5.958 ± 0.000 χ^2/NDF : 381632863783138930

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

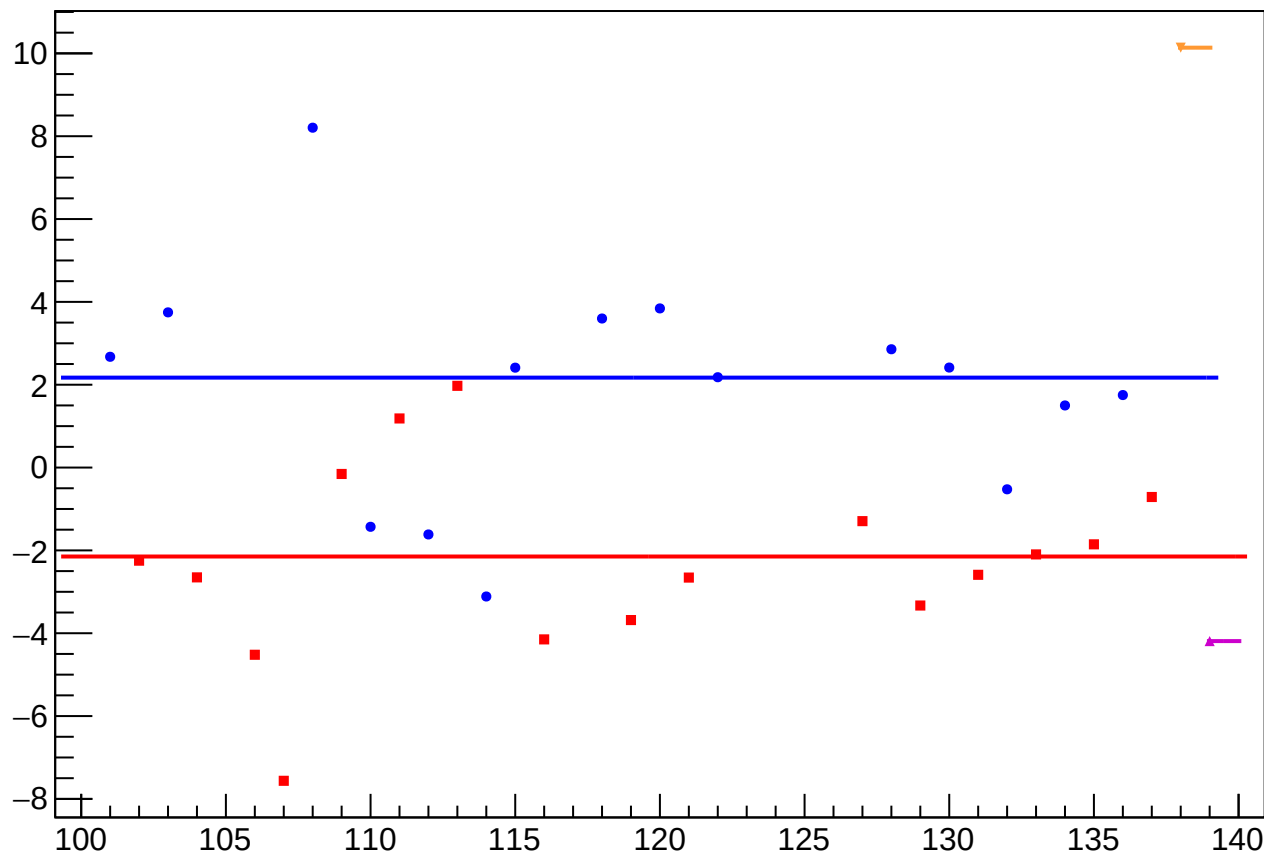
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 2.171 $\pm$ 0.000 χ^2 /NDF: 3599819246909975678410499691642880.0/14

Left Out: 10.138 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.148 $\pm$ 0.000 χ^2 /NDF: 3093887336239378959606321931878400.0/15

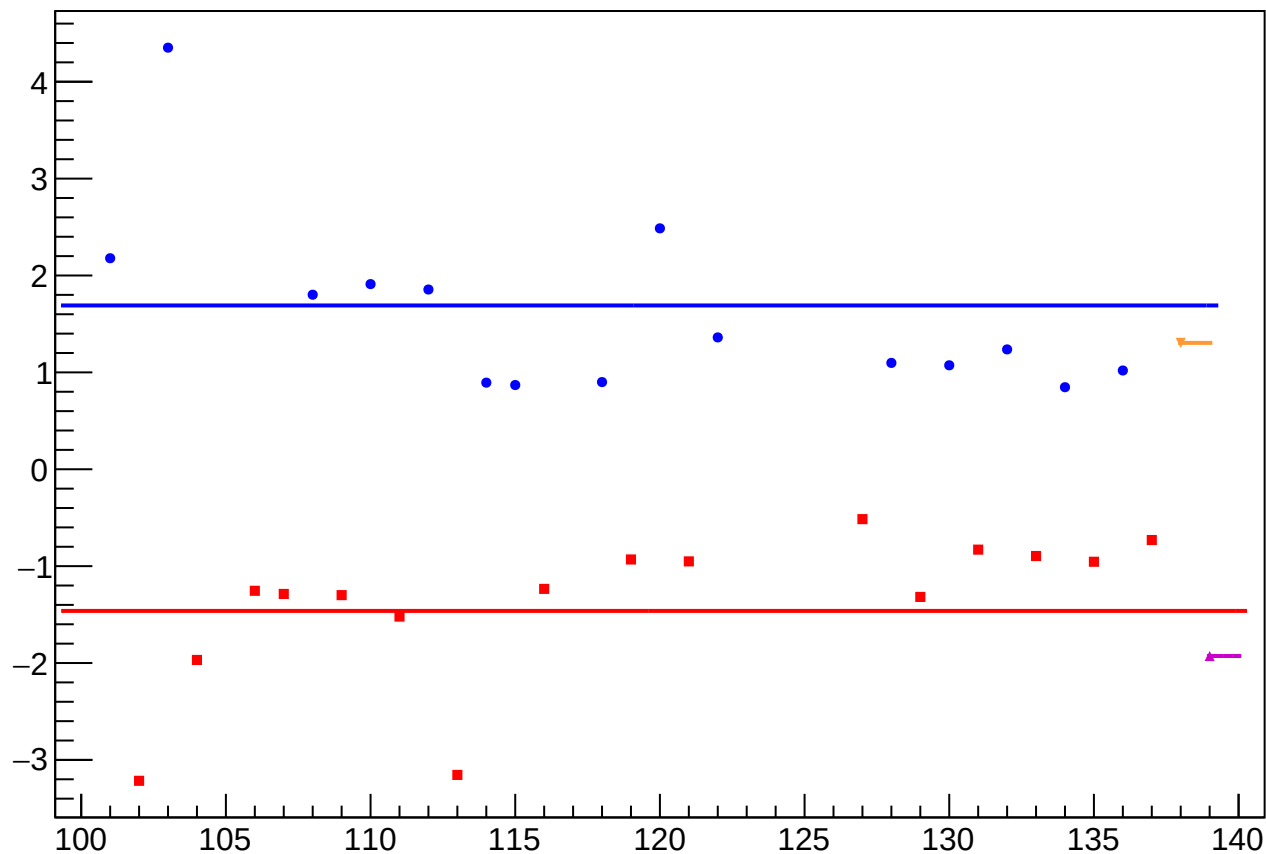
Left In: -4.190 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.026 $\pm$ 0.000 χ^2 /NDF: 8018773589106553751

0.390 $\pm$ 0.000 χ^2 /NDF: 21487318390377

-2.287 $\pm$ 0.000 χ^2 /NDF: 328427681877667453

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14

Left Out: 1.305+/-0.000 χ^2/NDF : 3.8/0

Right Out: -1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15

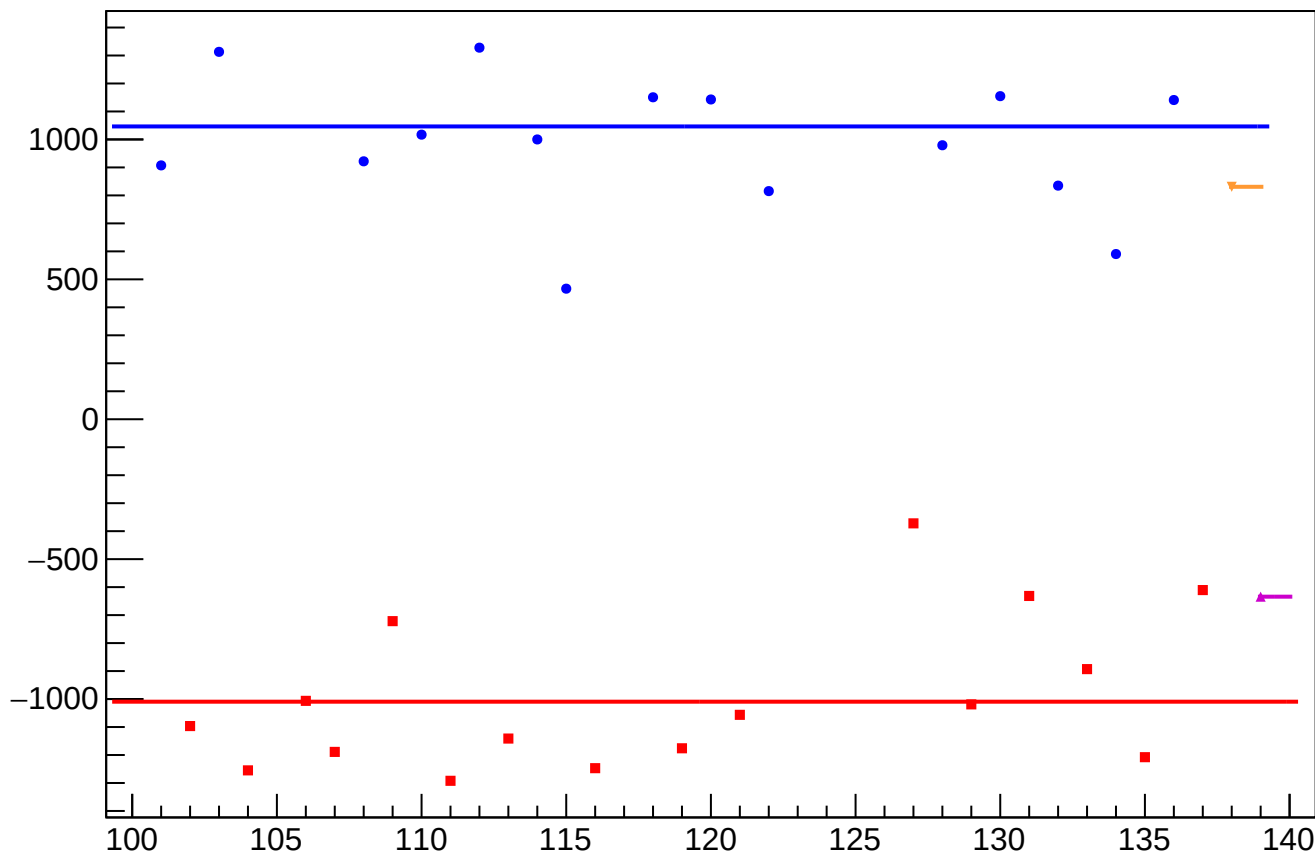
Left In: -1.928+/-0.000 χ^2/NDF : 0.0/0

1.649+/-0.000 χ^2/NDF : 6225446558826251622

0.090+/-0.000 χ^2/NDF : 46408842307421

-1.494+/-0.000 χ^2/NDF : 454276667493109141

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

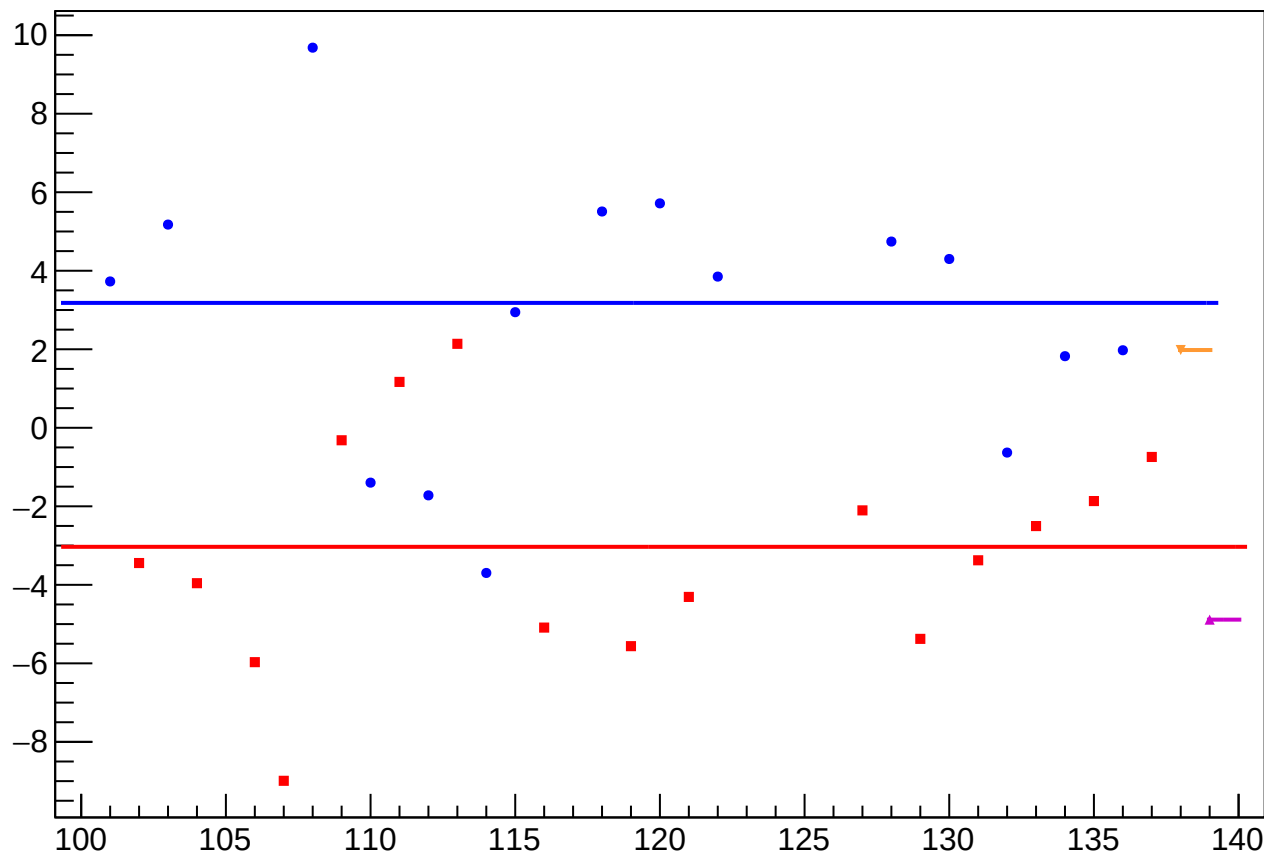
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

-983.760+/-0.000 χ^2/NDF : 5103290034536262

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

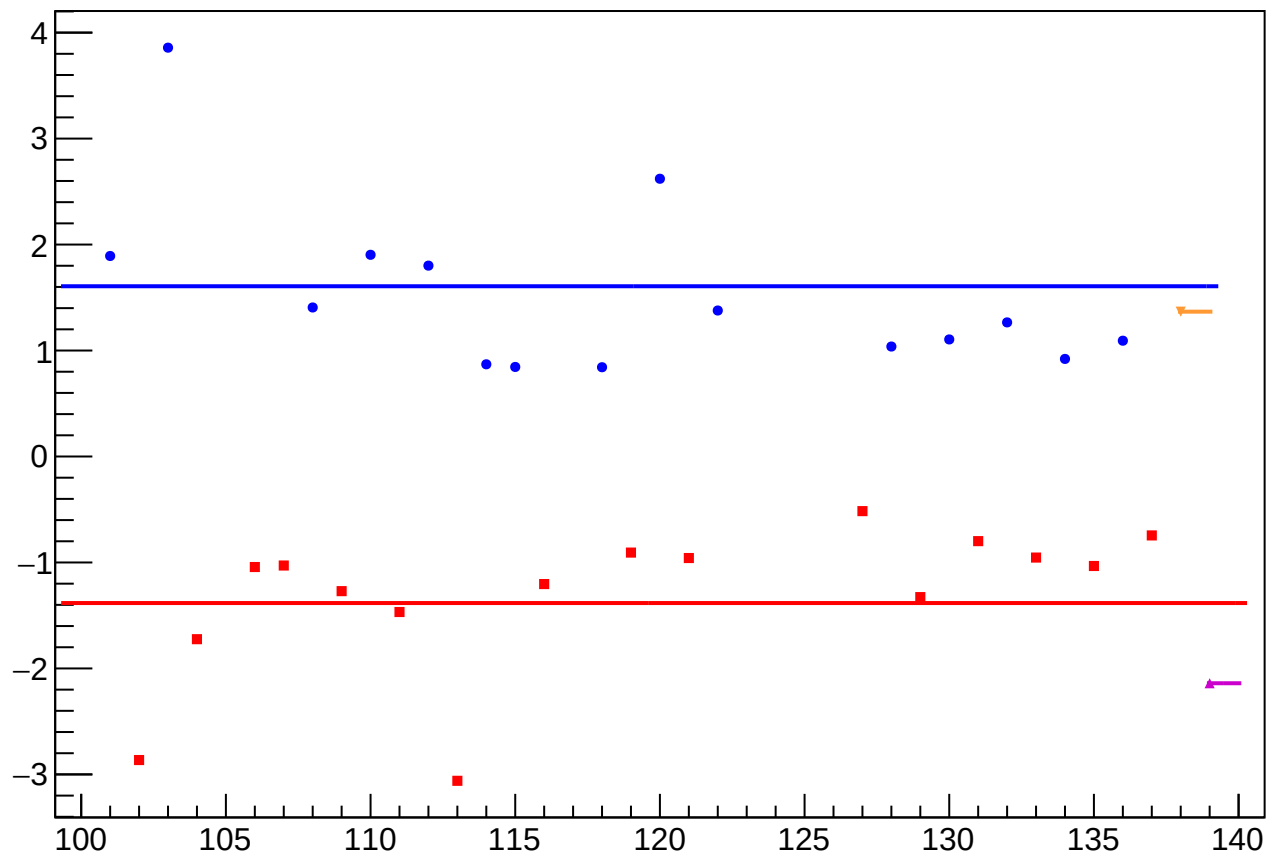
Left In: -4.886+/-0.000 χ^2/NDF : 0.0/0

3.052+/-0.000 χ^2/NDF : 5933623337825847216

-0.029+/-0.000 χ^2/NDF : 2494393538072

-3.159+/-0.000 χ^2/NDF : 509422652626695524

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.367 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

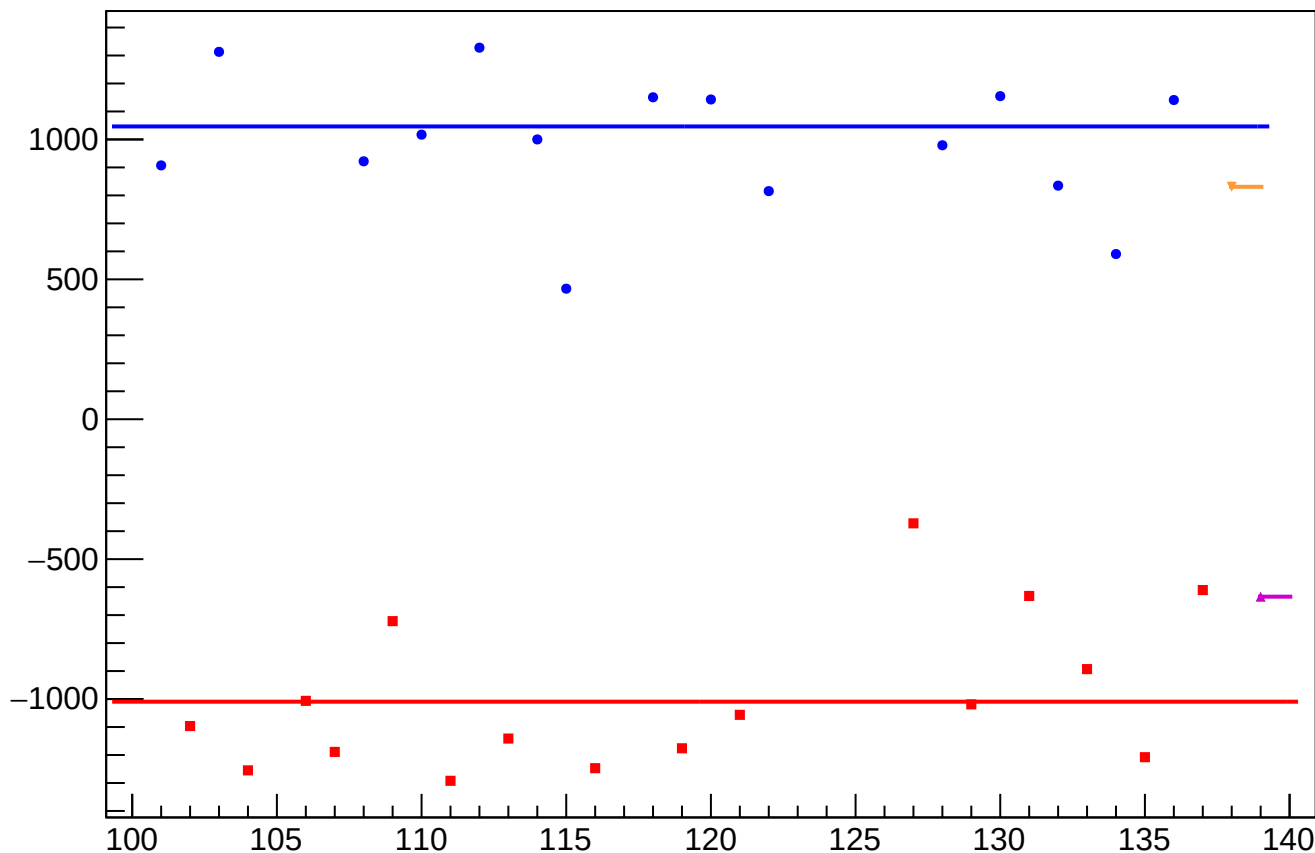
Left In: -2.140 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.581 $\pm$ 0.000 χ^2 /NDF: 4649540255695446556

0.085 $\pm$ 0.000 χ^2 /NDF: 41297495134912

-1.435 $\pm$ 0.000 χ^2 /NDF: 384493735550576968

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

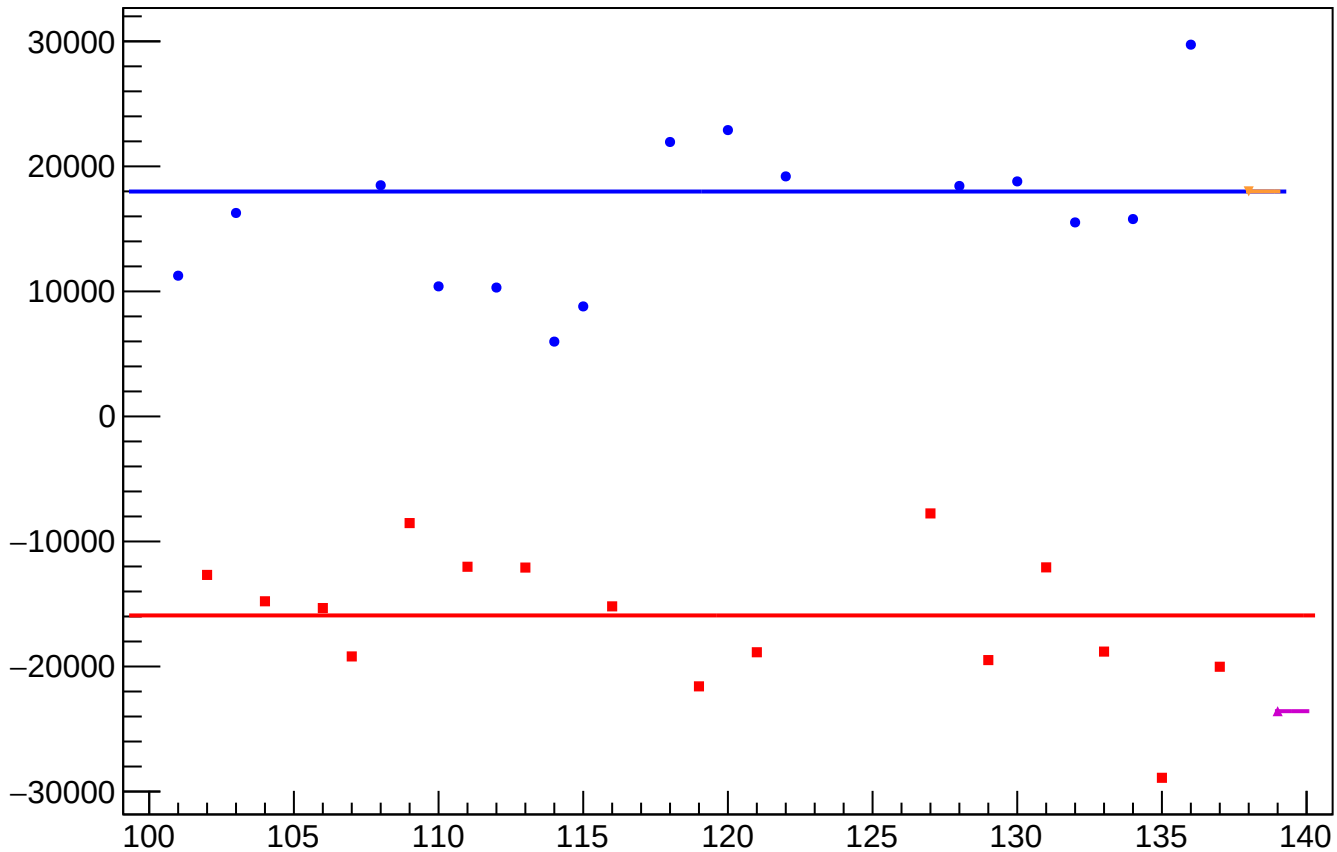
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

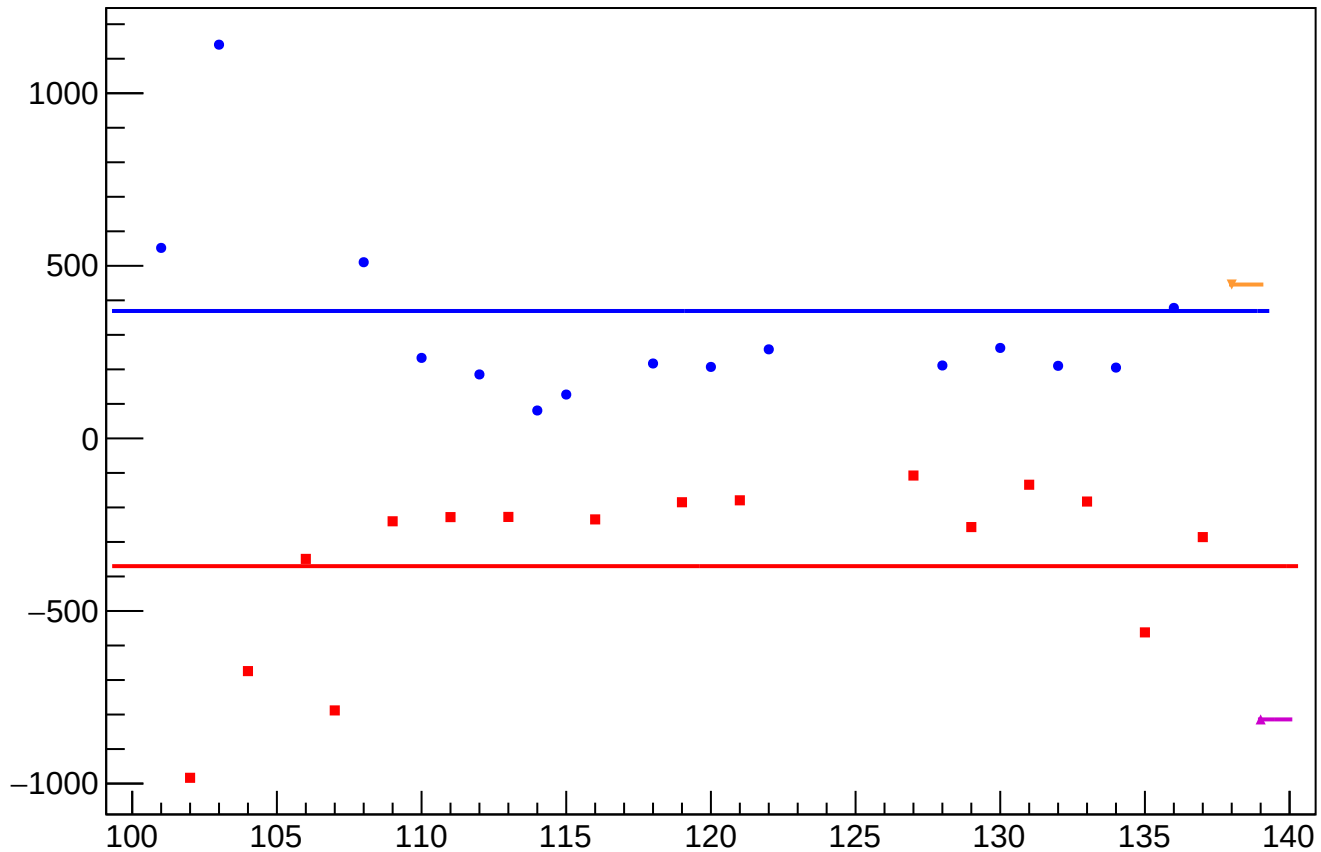
-983.760+/-0.000 χ^2/NDF : 5103290034536262

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: -23573.213+/-0.000 χ^2/NDF : 648509600.2/0

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

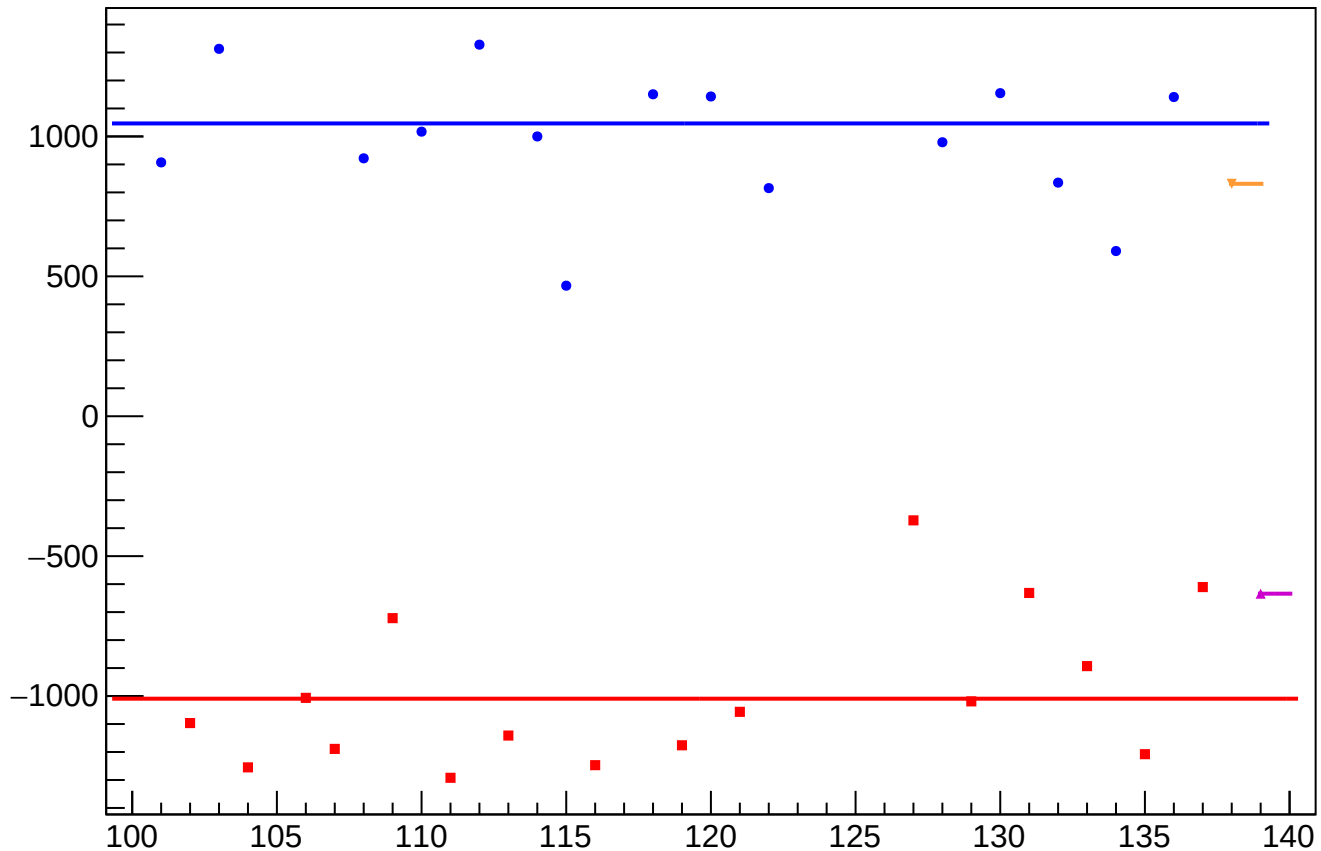
Left In: -814.125+/-0.000 χ^2/NDF : 633310.2/0

377.391+/-0.000 χ^2/NDF : 48461994827546695

-8.579+/-0.000 χ^2/NDF : 32394692314816

-400.479+/-0.000 χ^2/NDF : 5721443518064205

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

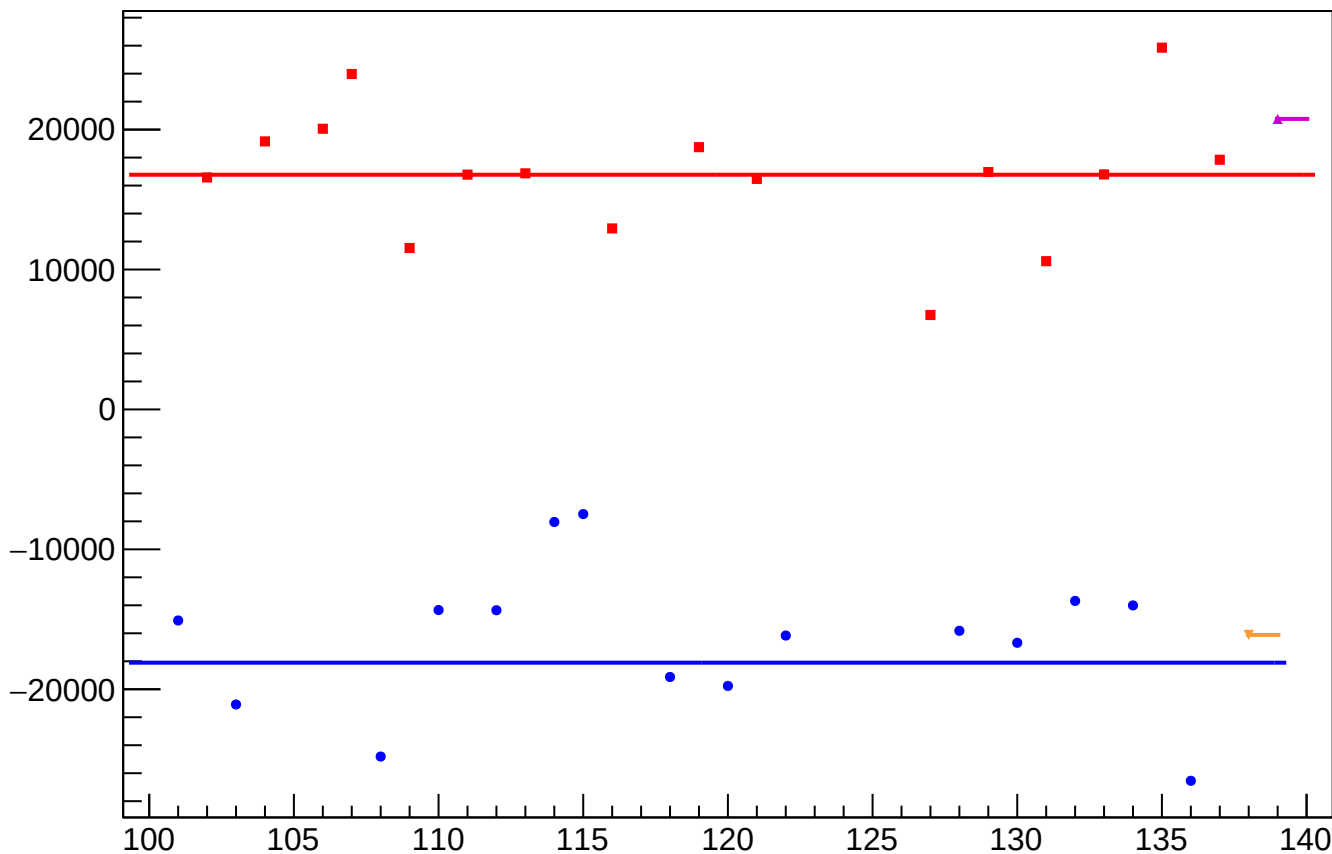
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14

Left Out: -16116.428+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15

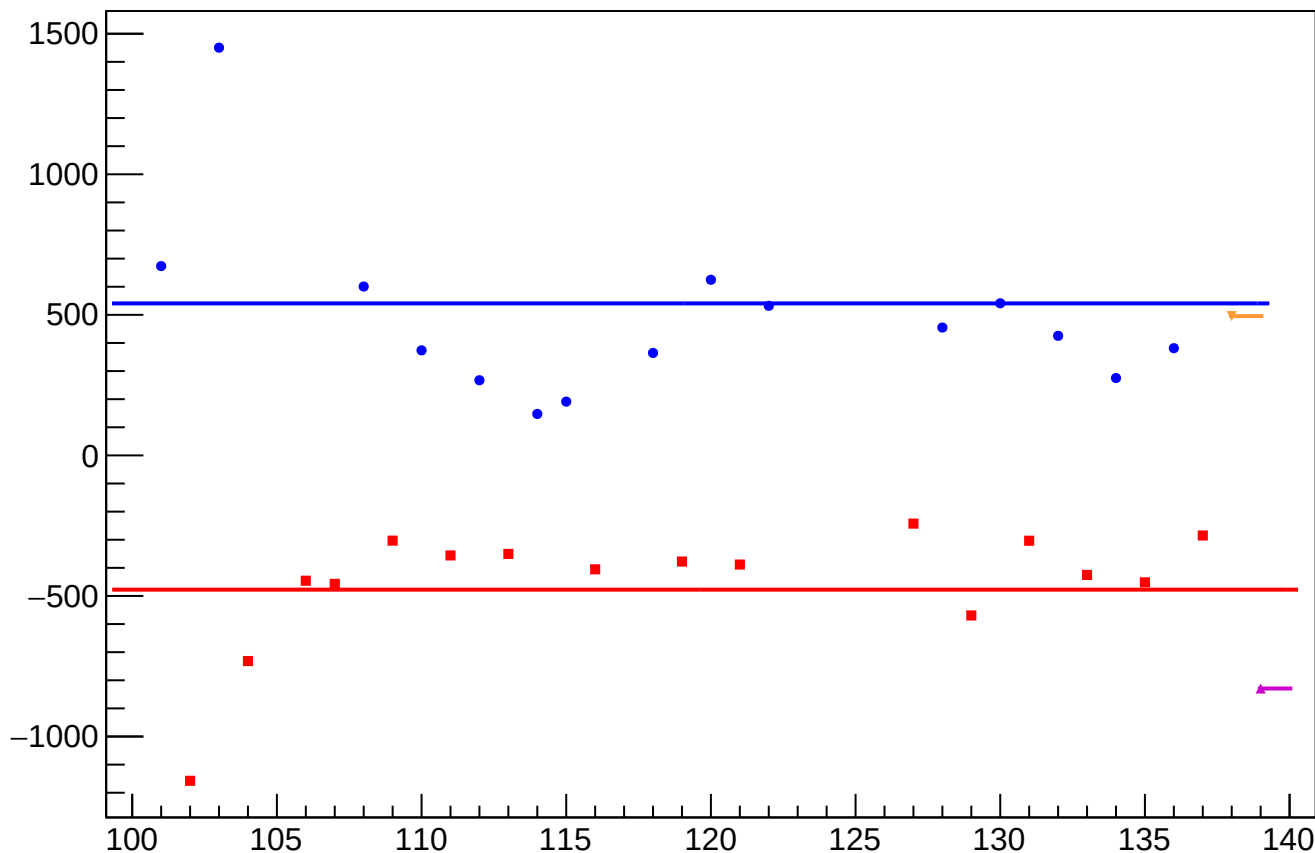
Left In: 20762.603+/-0.000 χ^2/NDF : 648509600.2/0

-17887.751+/-0.000 χ^2/NDF : 14909112117438

-553.731+/-0.000 χ^2/NDF : 47010676696

17046.594+/-0.000 χ^2/NDF : 149608826160577

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

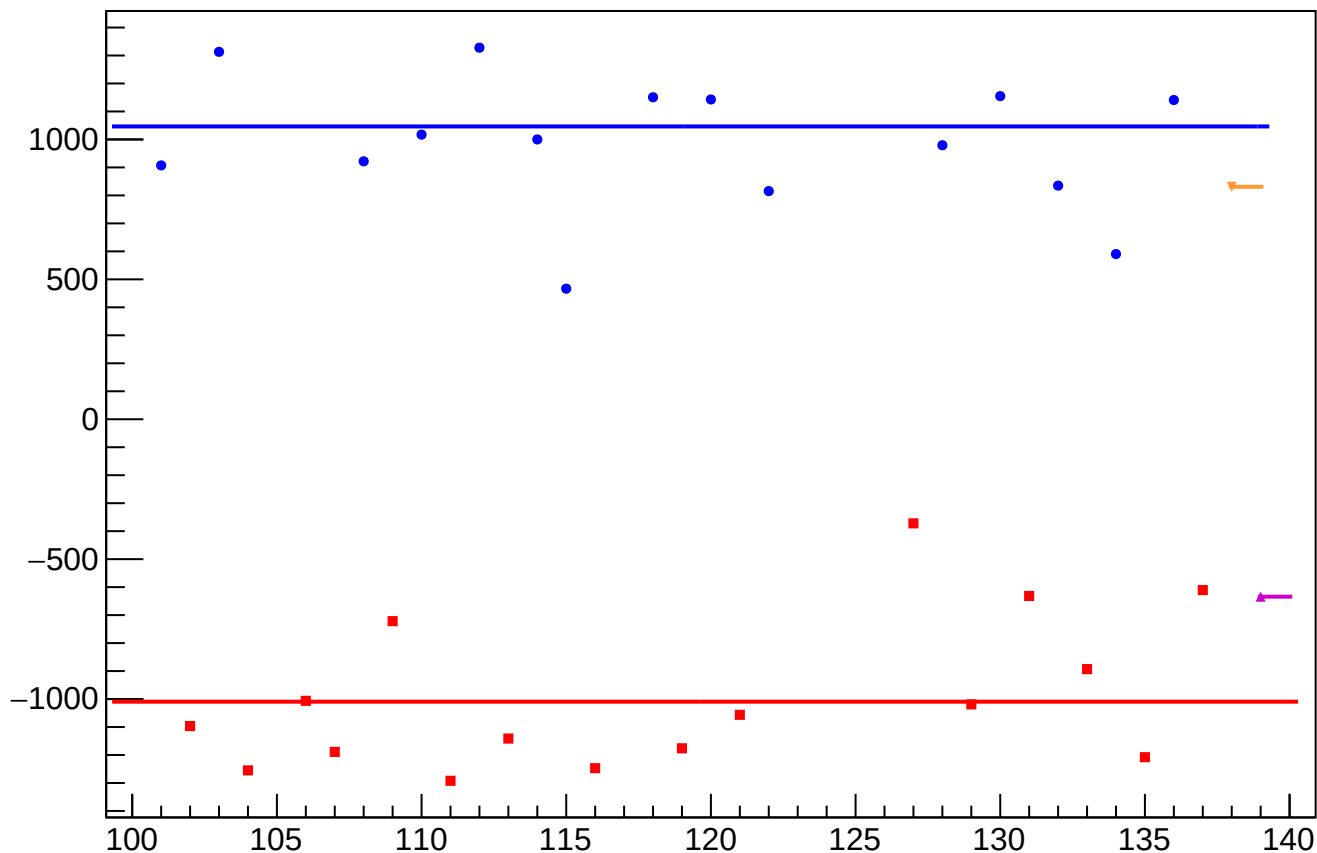
Left In: -829.160+/-0.000 χ^2/NDF : 633310.2/0

535.822+/-0.000 χ^2/NDF : 64688527450312552

21.061+/-0.000 χ^2/NDF : 4973699924229

-501.609+/-0.000 χ^2/NDF : 4444169049641669

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

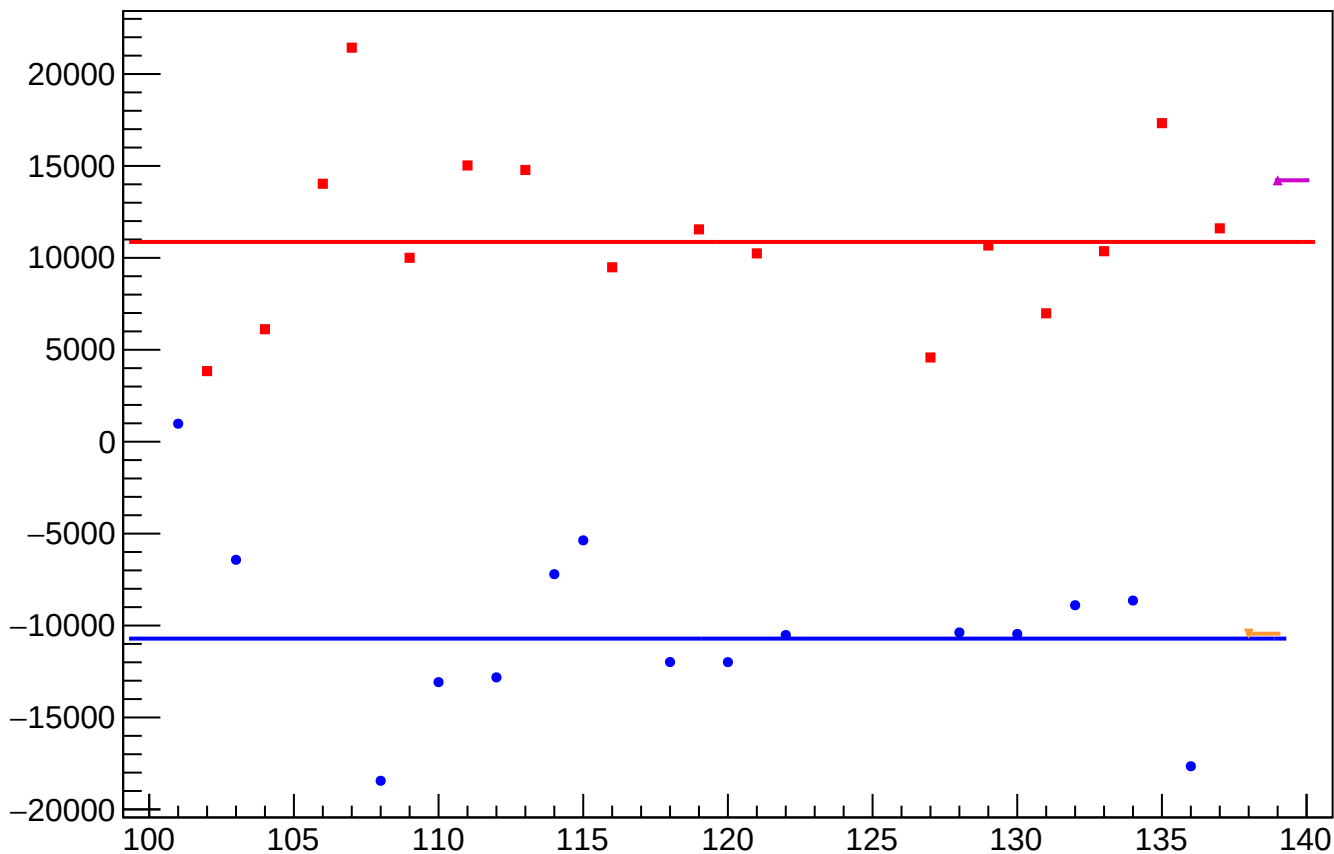
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

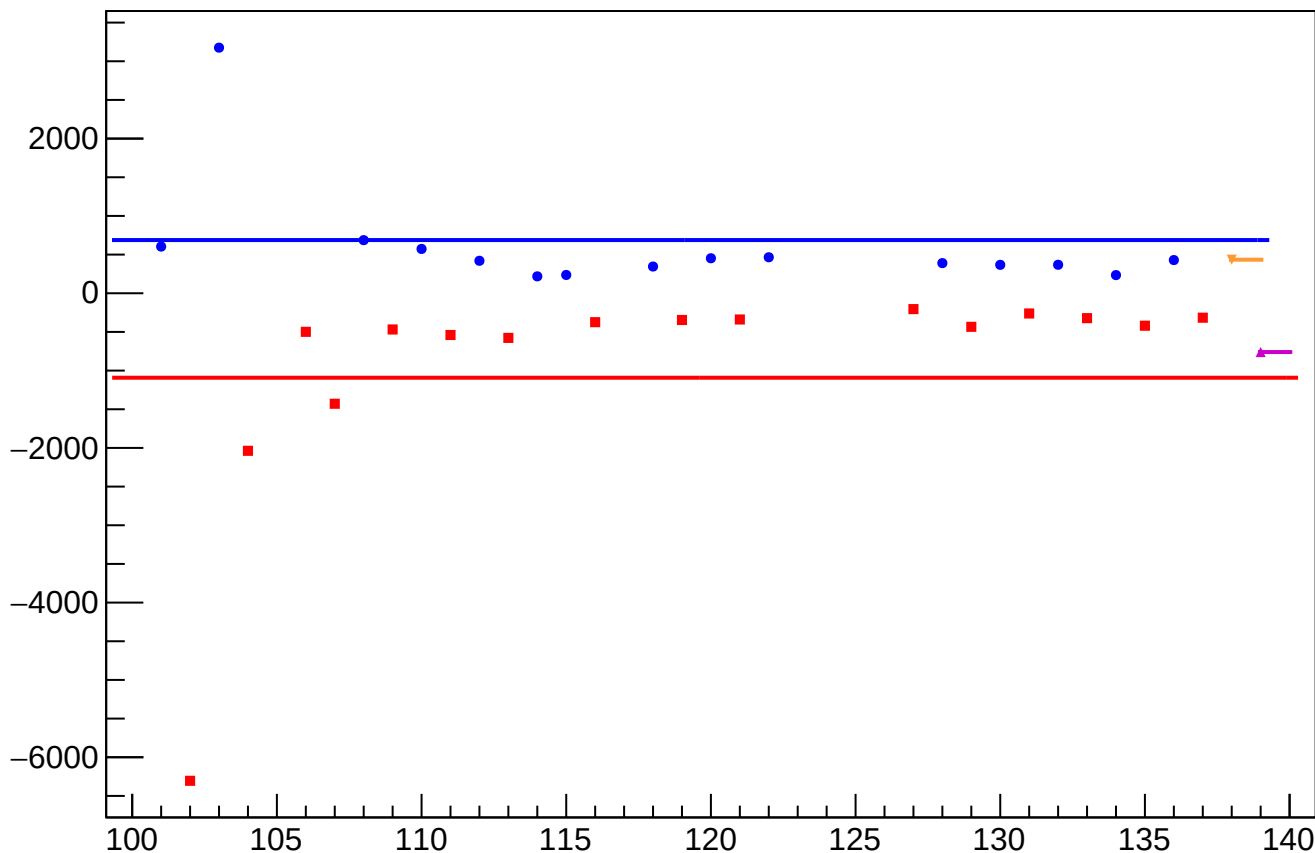
-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -10443.742 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ -10681.694 ± 0.000 $\chi^2/\text{NDF}: 16950173389259$
 Right Out: 10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$ 124.003 ± 0.000 $\chi^2/\text{NDF}: 202775700080$
 Left In: 14218.980 ± 0.000 $\chi^2/\text{NDF}: 162127400.1/0$ 11095.710 ± 0.000 $\chi^2/\text{NDF}: 14747863328636$

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

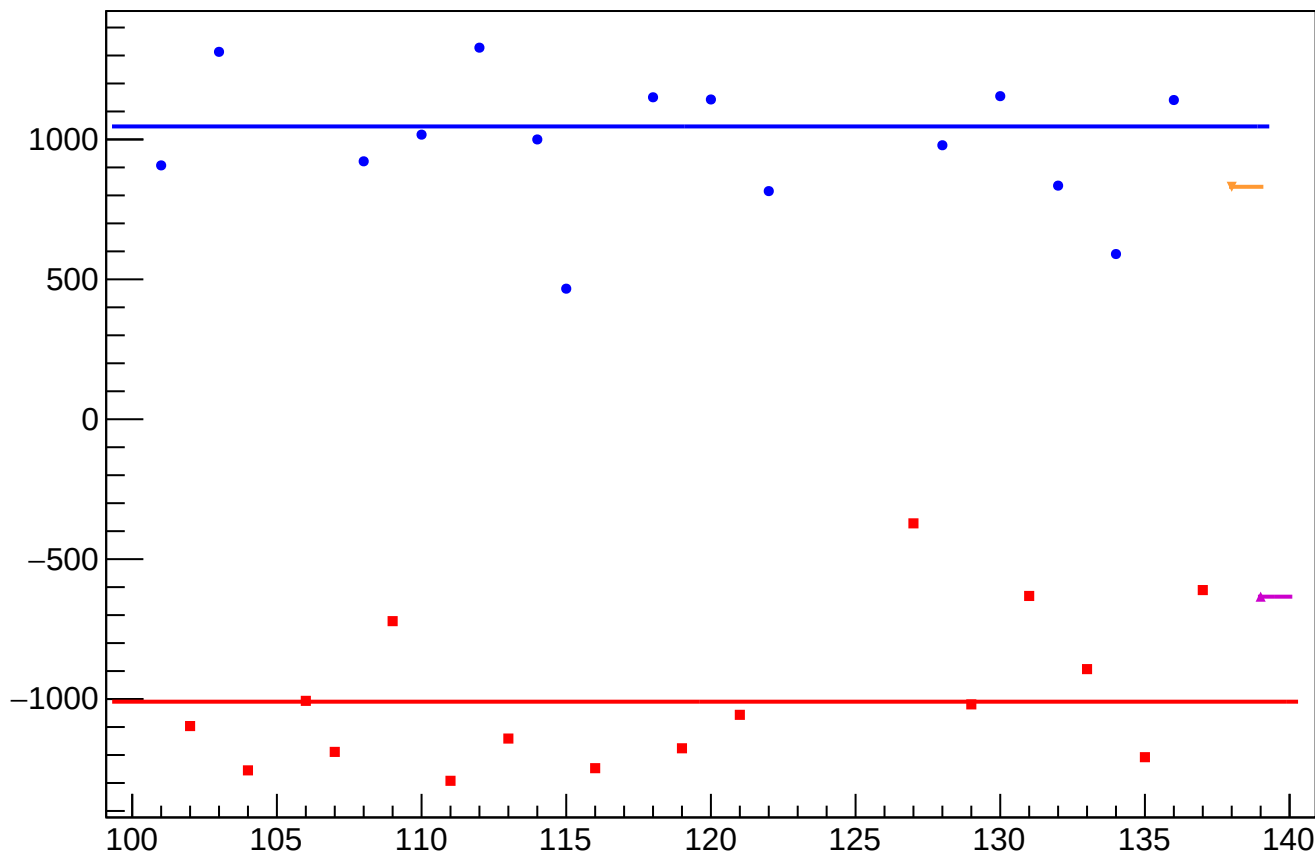
Left In: -760.145+/-0.000 χ^2/NDF : 0.0/0

660.703+/-0.000 χ^2/NDF : 41378432742841860

-197.822+/-0.000 χ^2/NDF : 33819411983

-1069.536+/-0.000 χ^2/NDF : 188823312660304

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

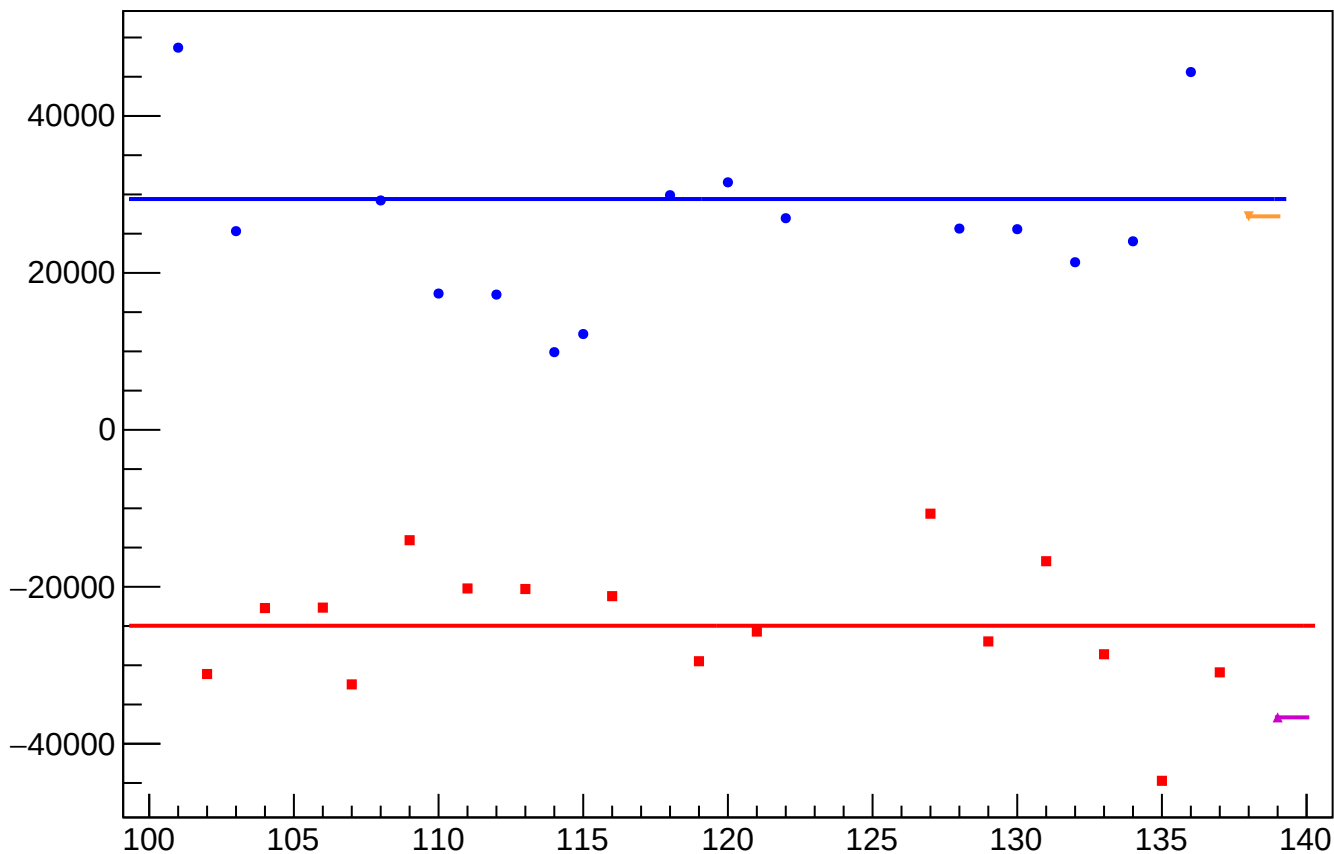
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

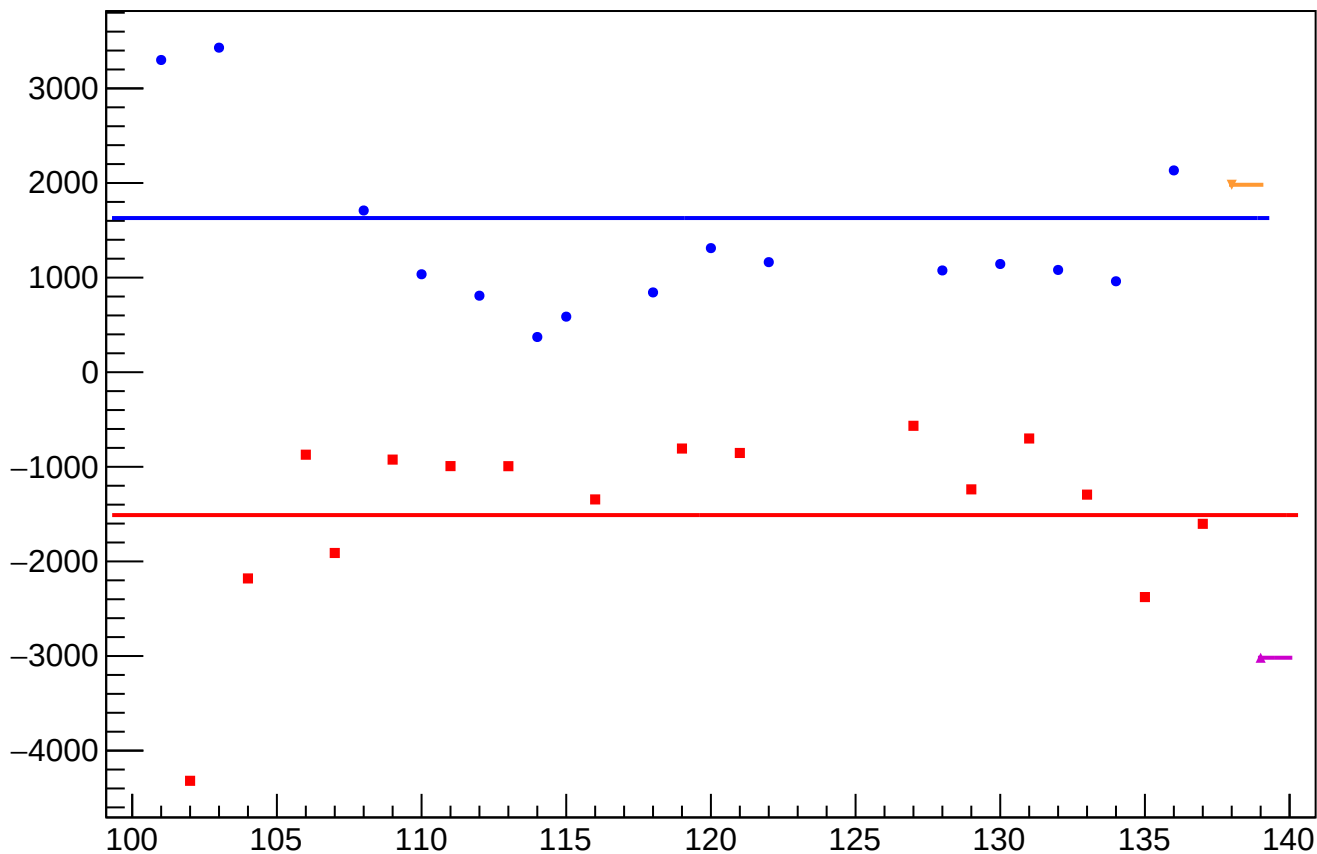
-983.760+/-0.000 χ^2/NDF : 5103290034536262

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: -36637.758+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



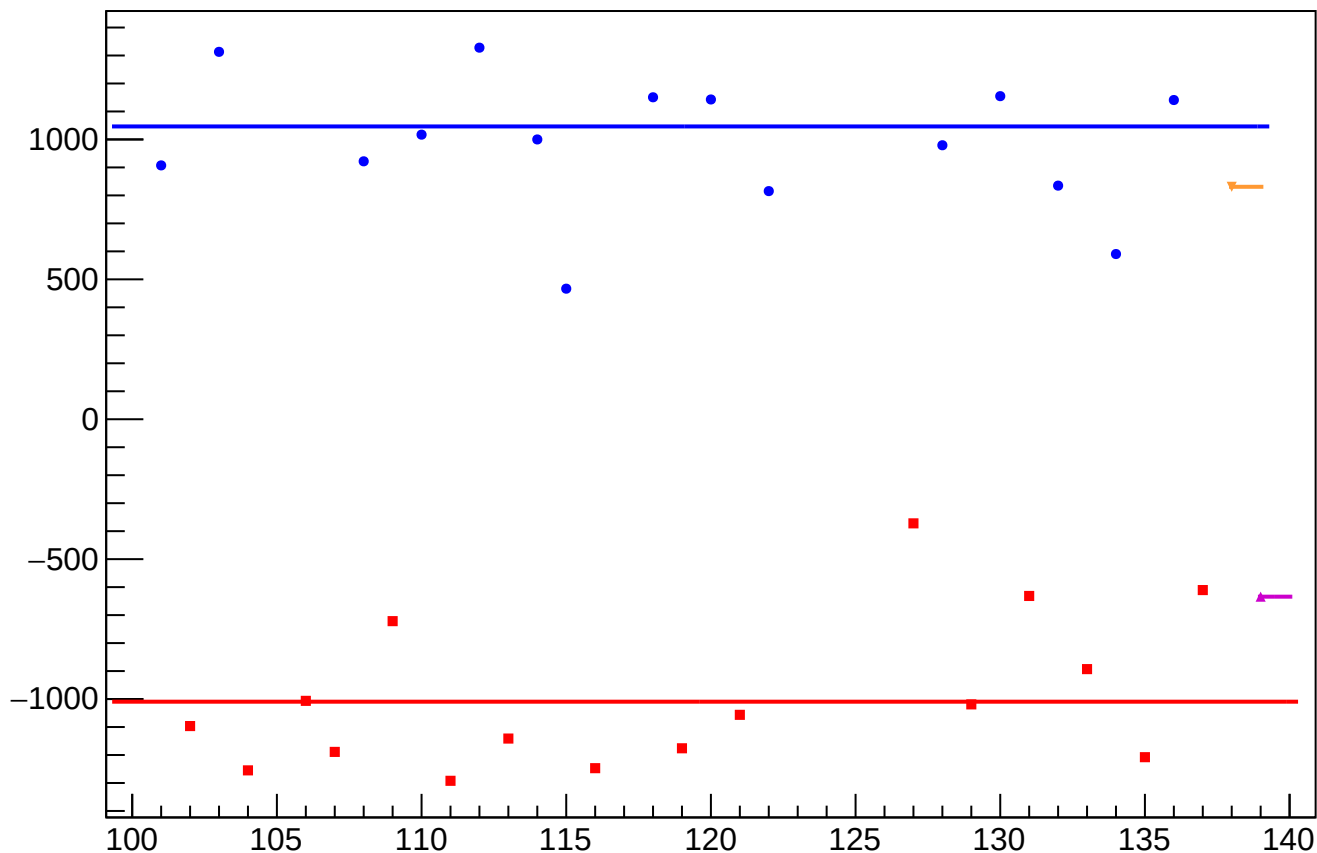
Right In: 1629.542+/-0.000 χ^2/NDF : 551738555355028902194697896437152219136.0/14

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: -3018.146+/-0.000 χ^2/NDF : 0.0/0

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

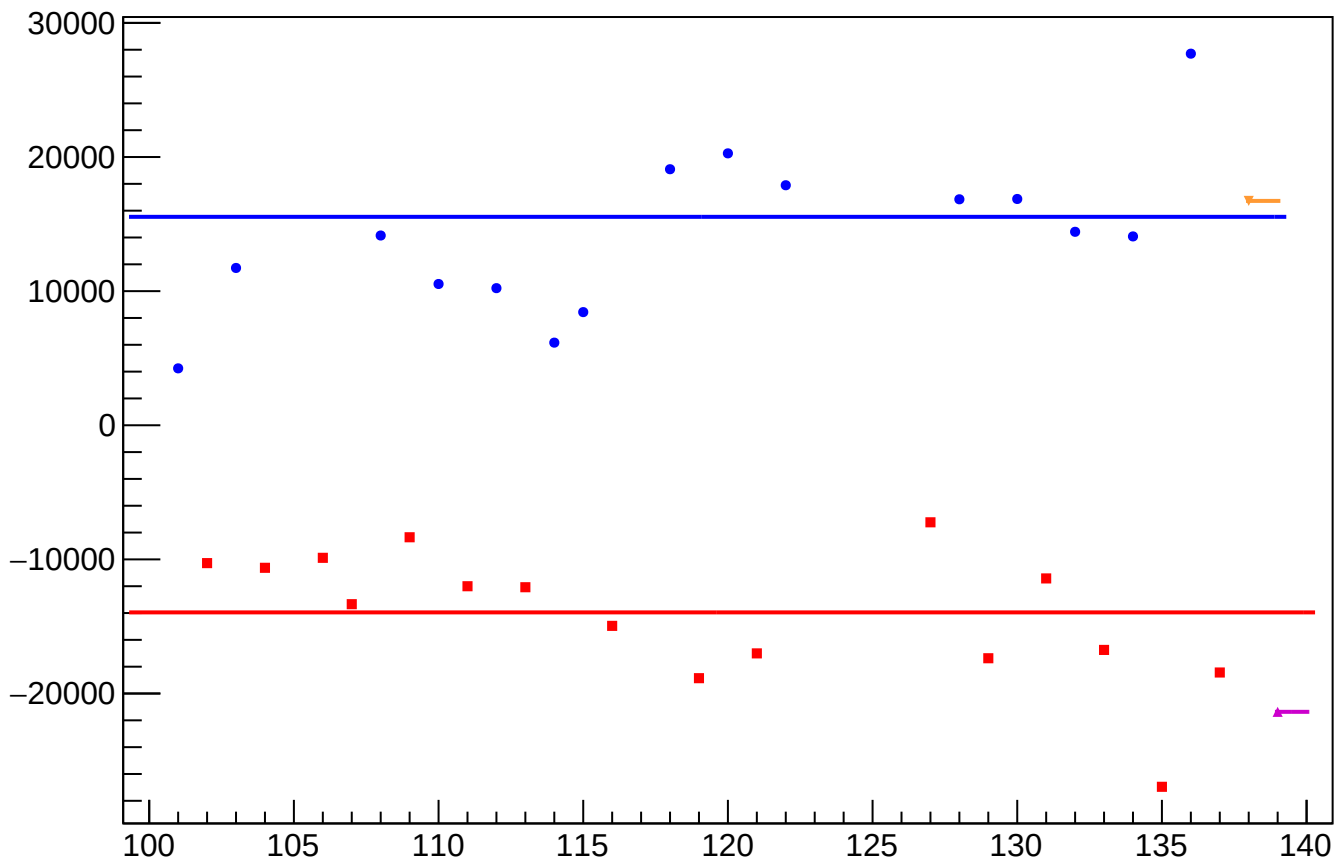
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

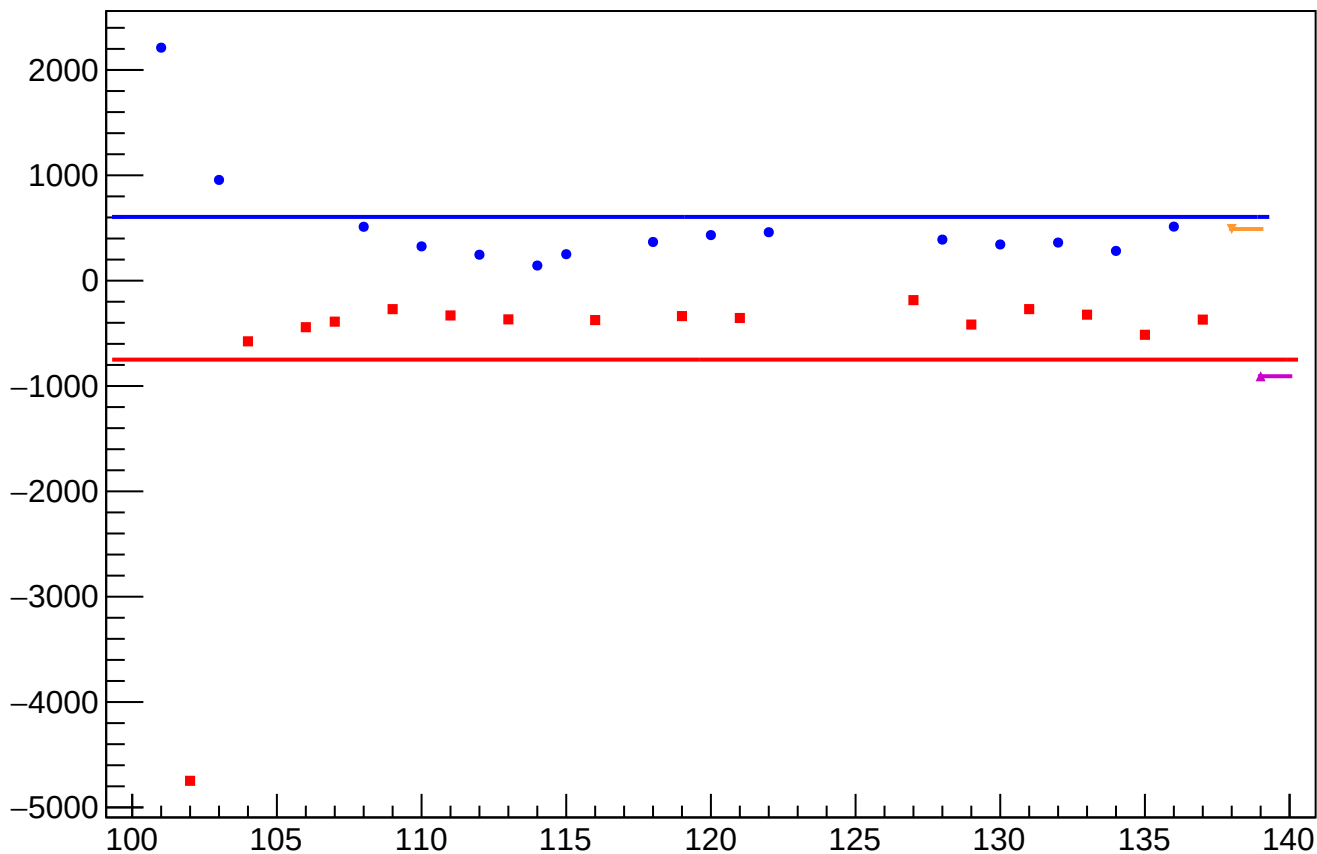
-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787 $\pm$ 0.000 χ^2 /NDF: 27383635886523601832377795383509714468864.0/14
 Left Out: 16728.371 $\pm$ 0.000 χ^2 /NDF: 1032321404.5/0
 Right Out: -13951.799 $\pm$ 0.000 χ^2 /NDF: 16954071035739584664612813430748100952064.0/15
 Left In: -21366.247 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 490.244+/-0.000 χ^2/NDF : 252031.6/0

Right Out: -749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

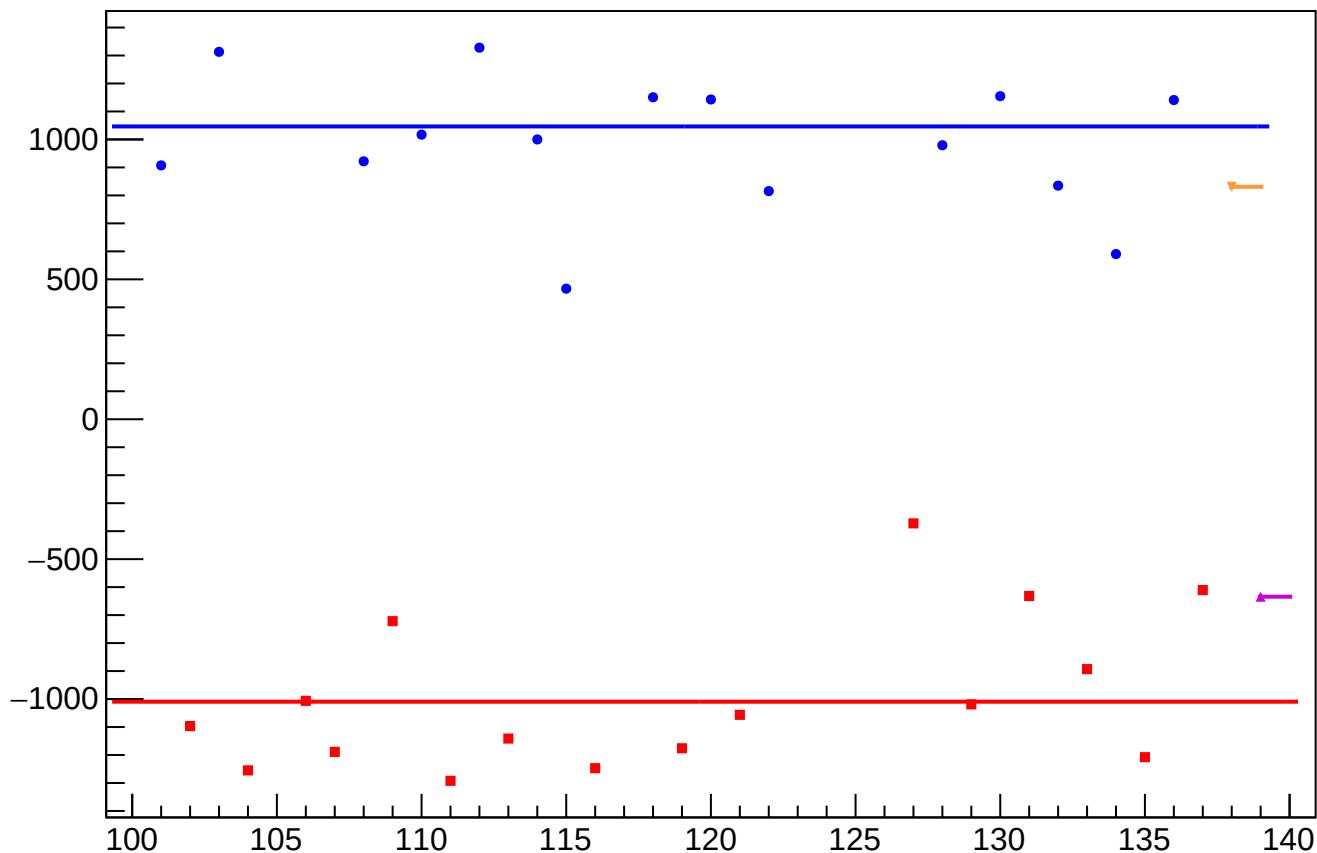
Left In: -907.230+/-0.000 χ^2/NDF : 0.0/0

592.718+/-0.000 χ^2/NDF : 19031903417864784

-78.669+/-0.000 χ^2/NDF : 187325311973

-760.371+/-0.000 χ^2/NDF : 1022493214569218

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

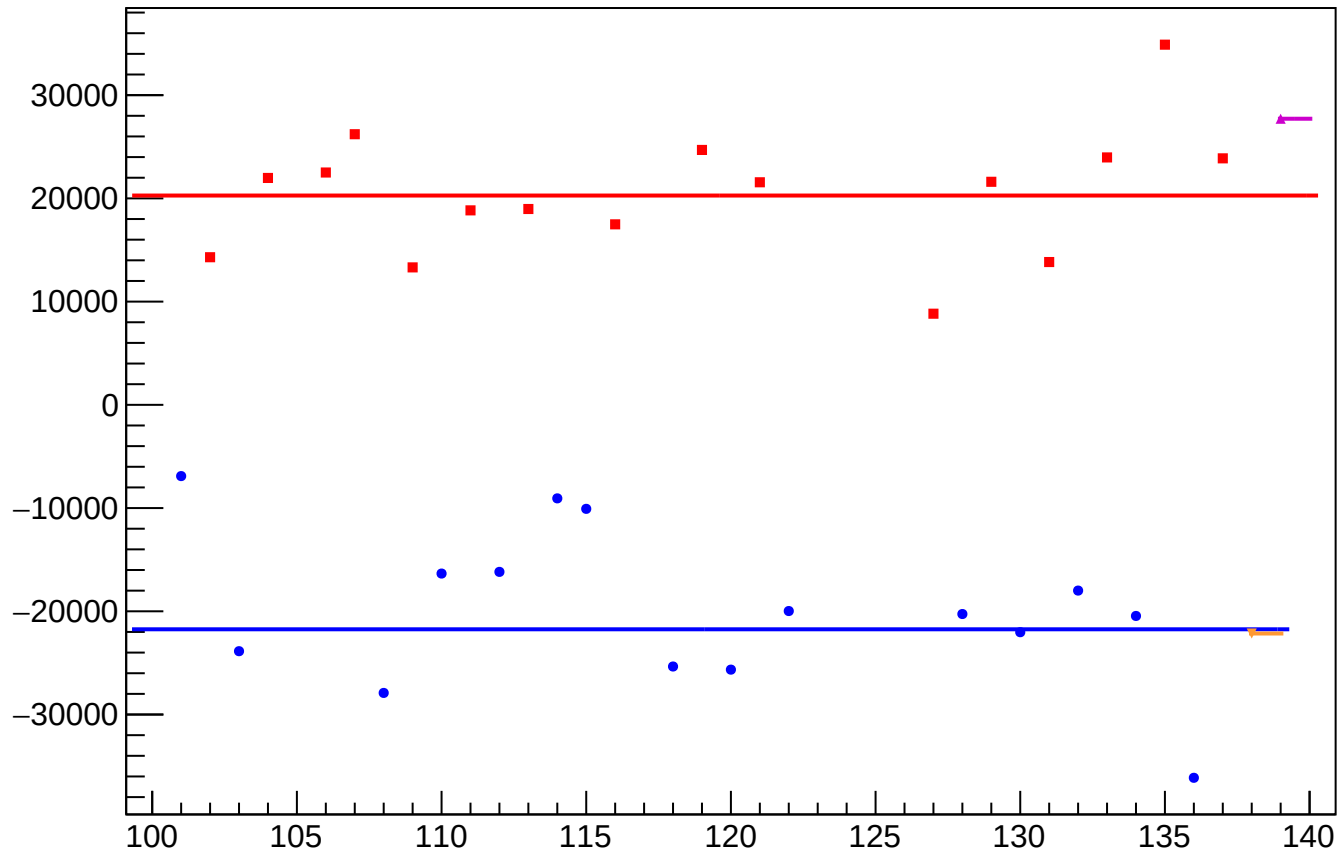
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

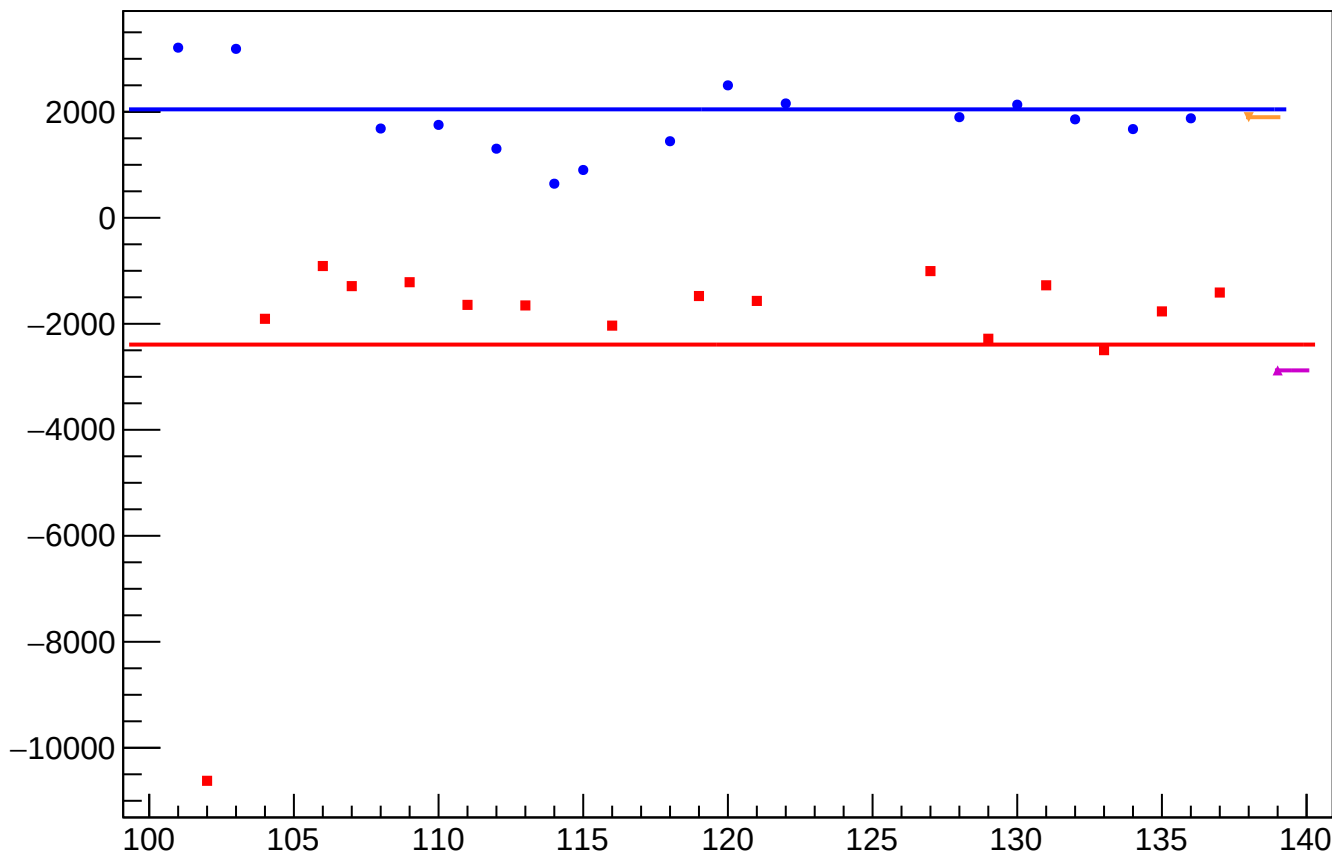
-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_atr2_coil1_mean vs Slug, Sign Corrected



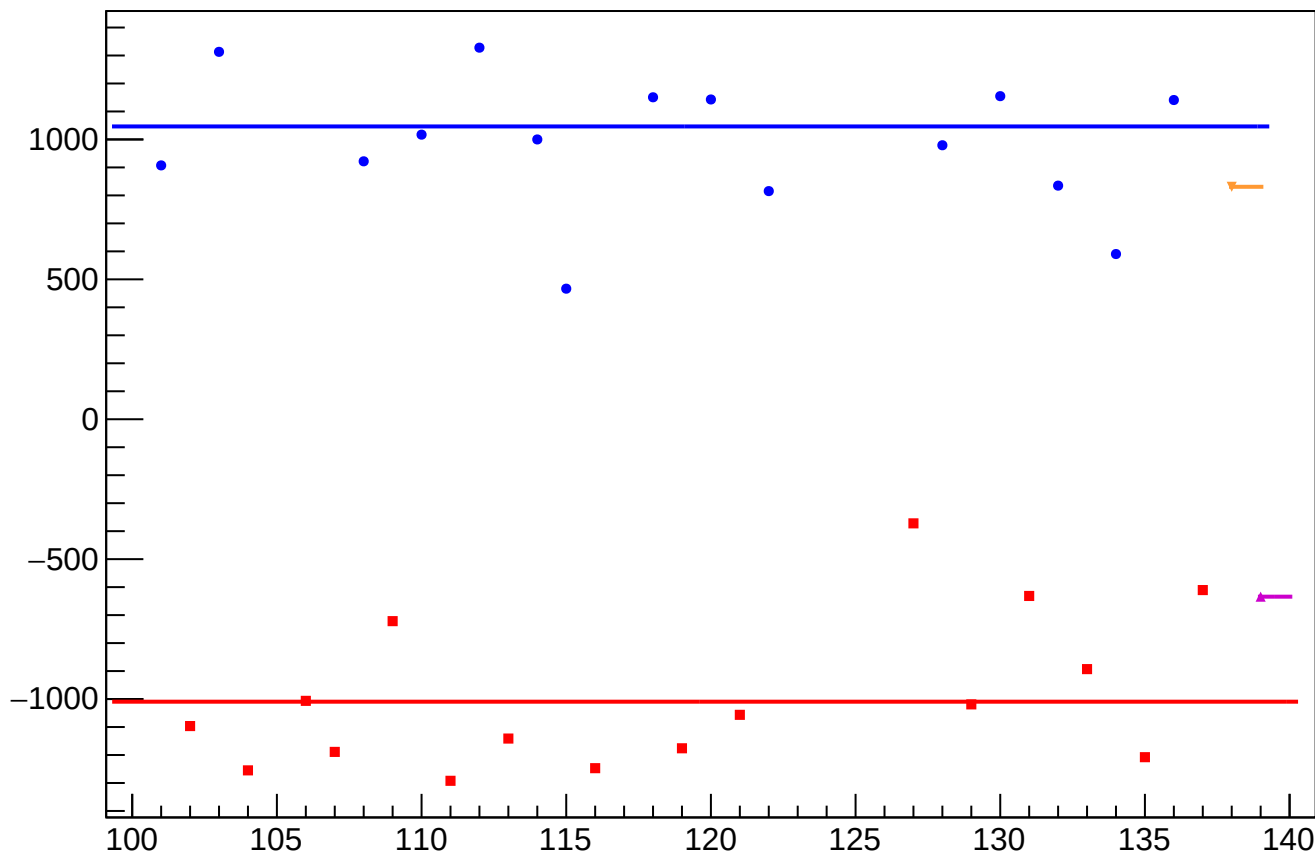
Right In: -21743.360 ± 0.000 $\chi^2/\text{NDF}: 41106858823579527325198675675398793068544.0/14$
 Left Out: -22151.984 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ -21787.201 ± 0.000 $\chi^2/\text{NDF}: 41118485431533$
 Right Out: 20275.415 ± 0.000 $\chi^2/\text{NDF}: 25935869132092920231681532417627320745984.0/15$ -663.575 ± 0.000 $\chi^2/\text{NDF}: 72335057316$
 Left In: 27715.406 ± 0.000 $\chi^2/\text{NDF}: 648509600.2/0$ 20784.576 ± 0.000 $\chi^2/\text{NDF}: 28462569295968$

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: -2878.862+/-0.000 χ^2/NDF : 10132962.5/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

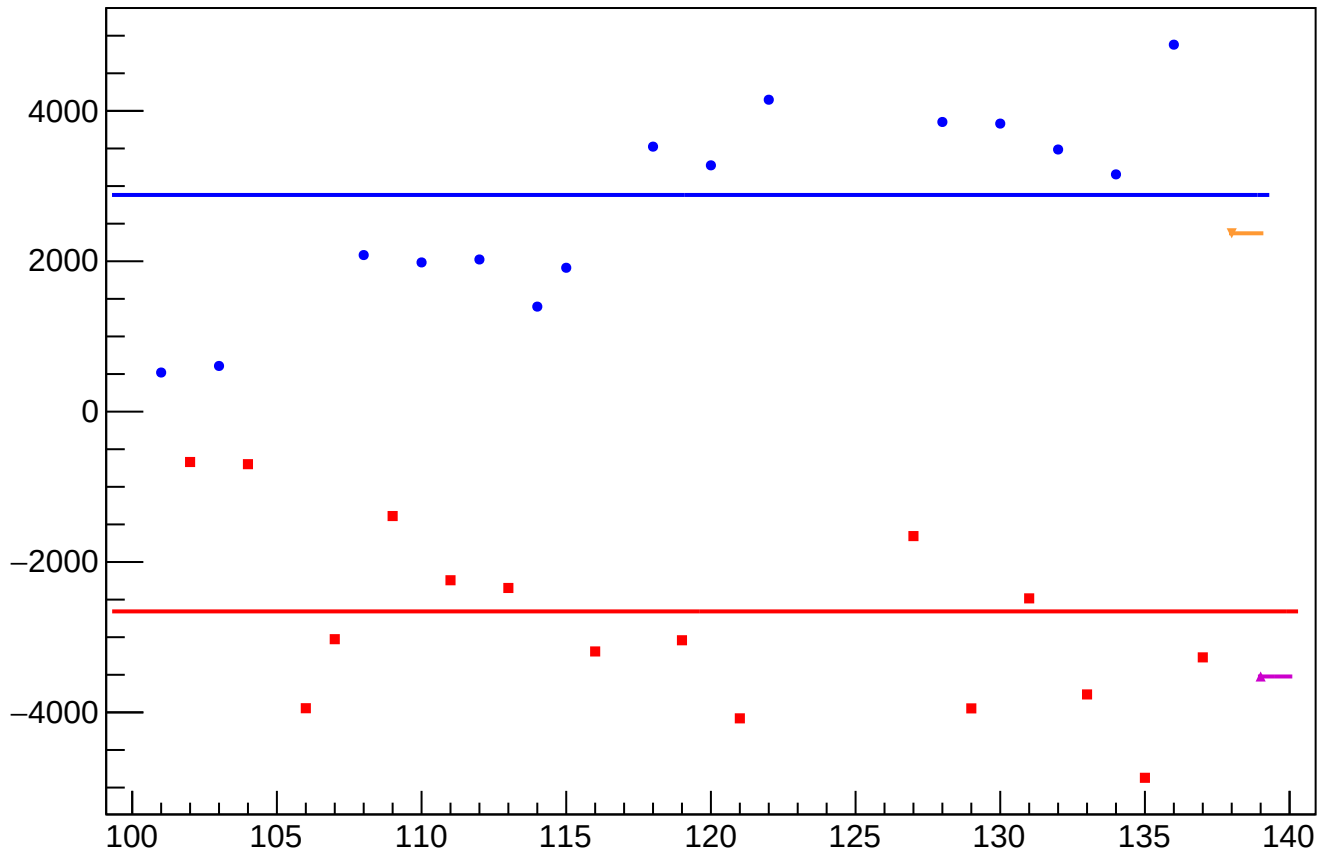
Left In: -634.122 +/- 0.000 χ^2/NDF : 0.0/0

1023.345 +/- 0.000 χ^2/NDF : 2810695107612277

27.443 +/- 0.000 χ^2/NDF : 1532326172432

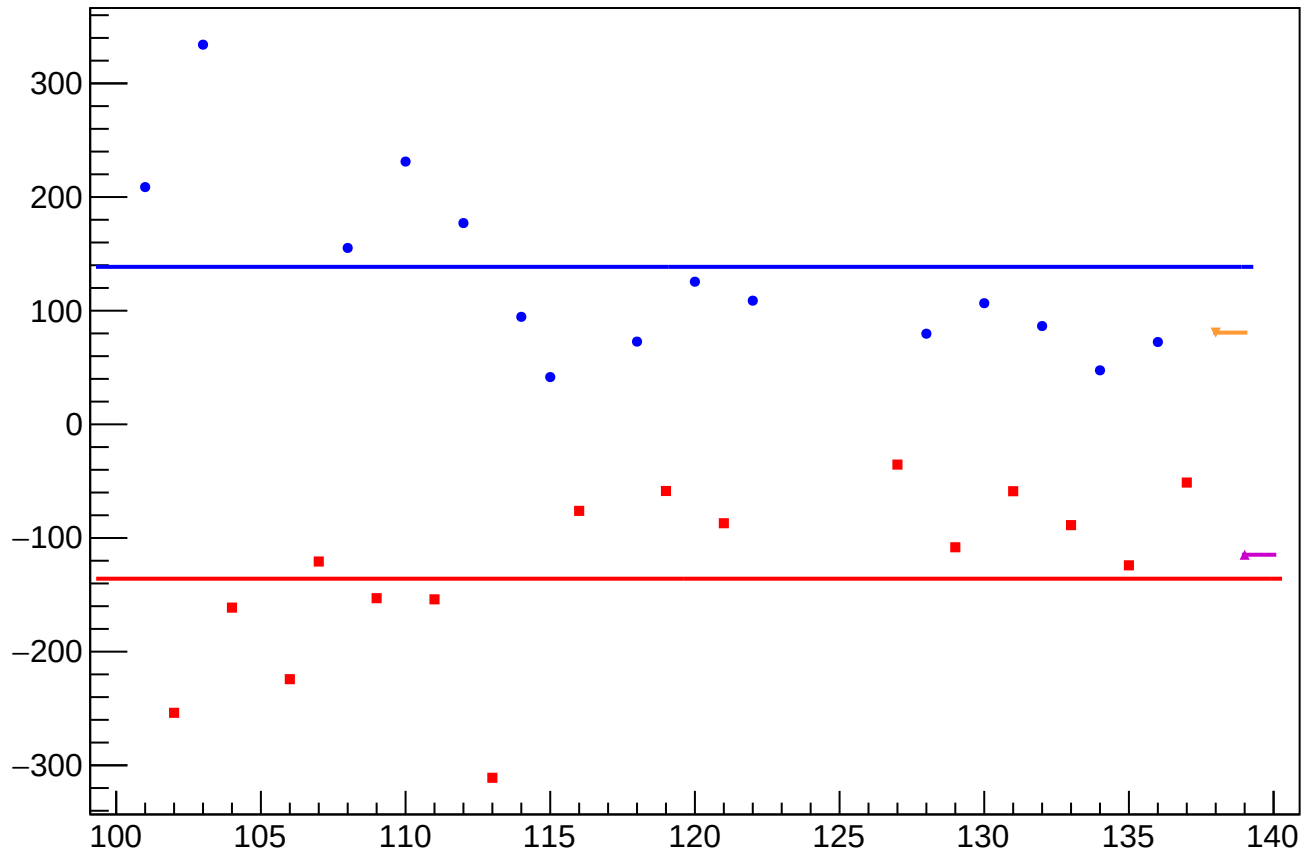
-983.760 +/- 0.000 χ^2/NDF : 5103290034536262

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 2371.926+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: -3522.520+/-0.000 χ^2/NDF : 0.0/0

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

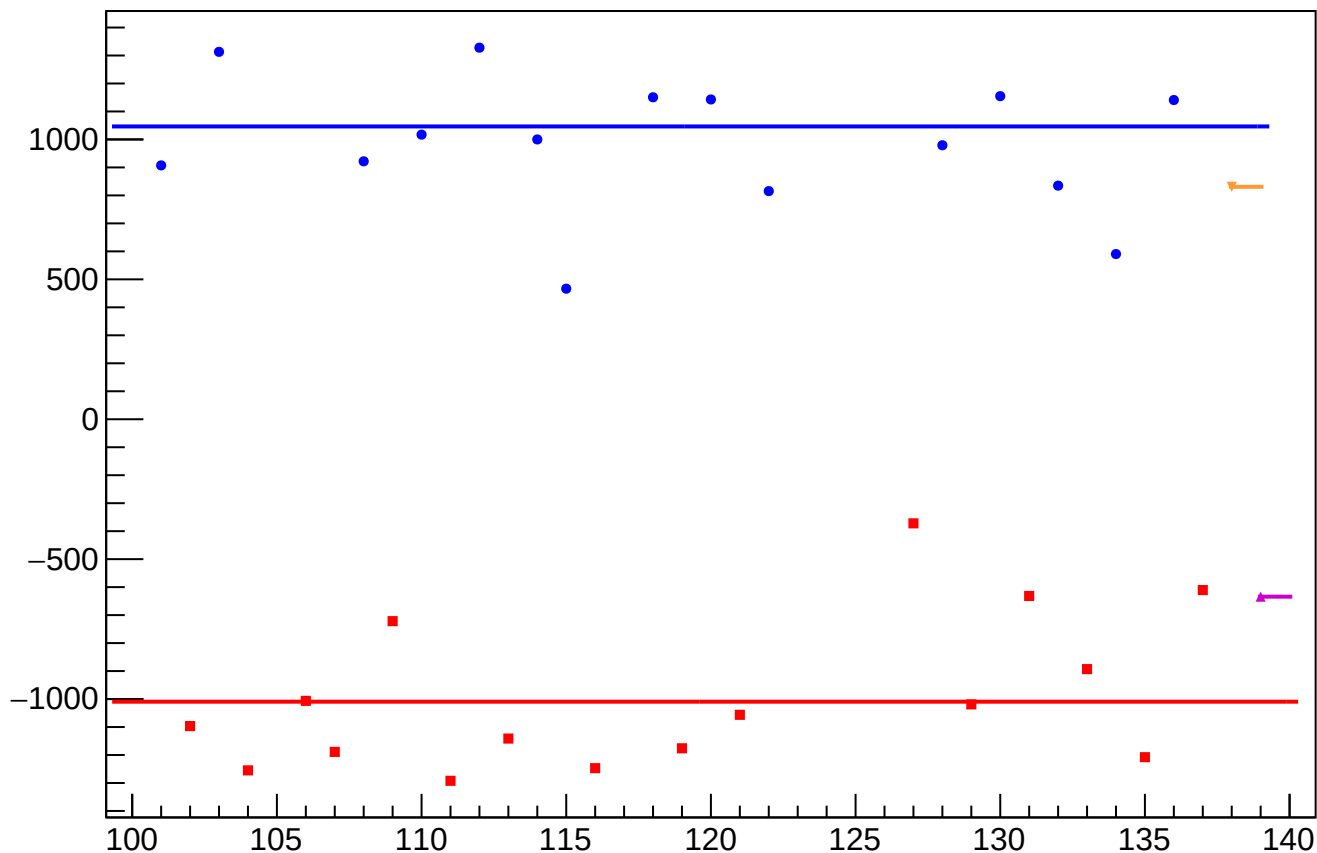
Left In: -114.734+/-0.000 χ^2/NDF : 0.0/0

132.369+/-0.000 χ^2/NDF : 4475527690576580

0.018+/-0.000 χ^2/NDF : 34117213930532

-134.366+/-0.000 χ^2/NDF : 3976676229186545

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

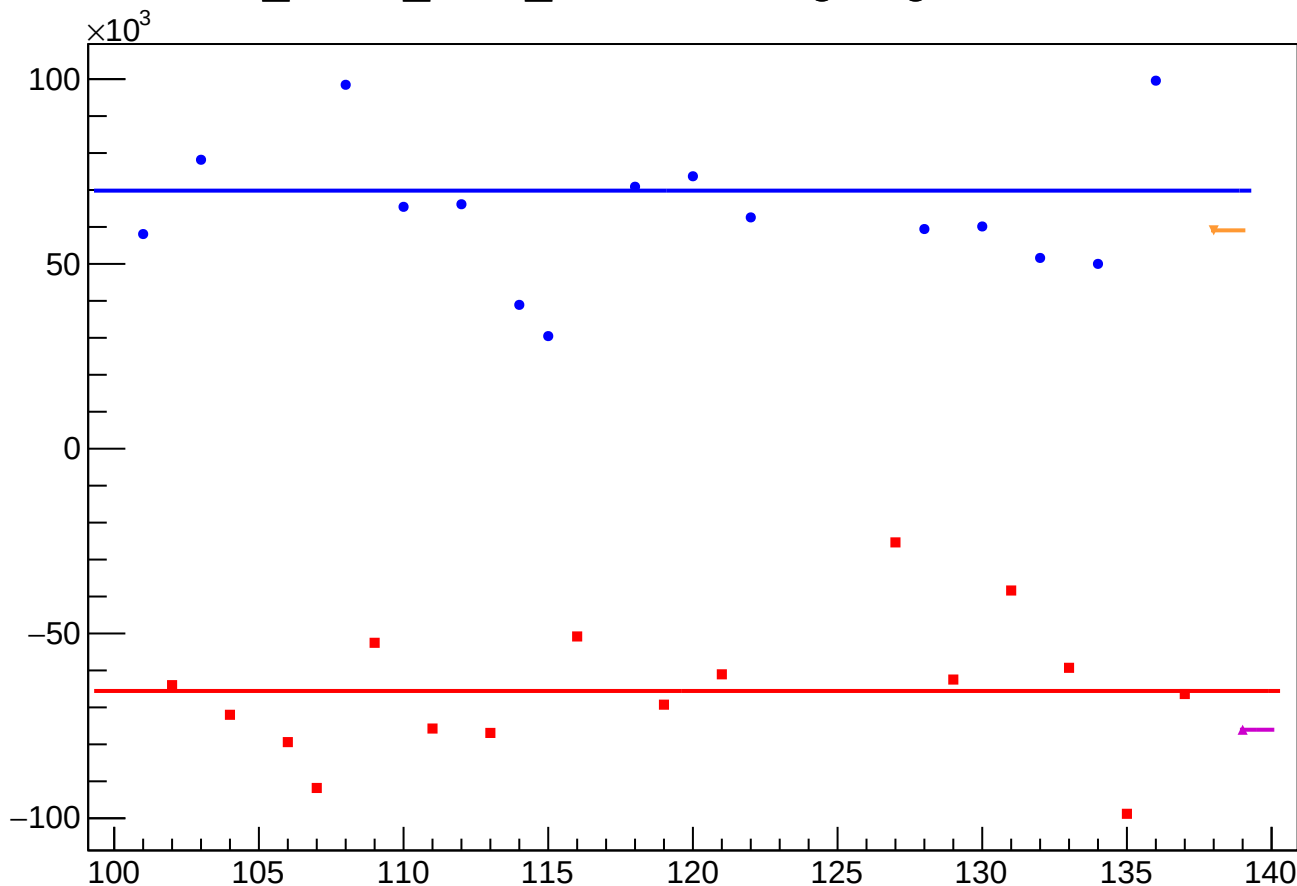
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

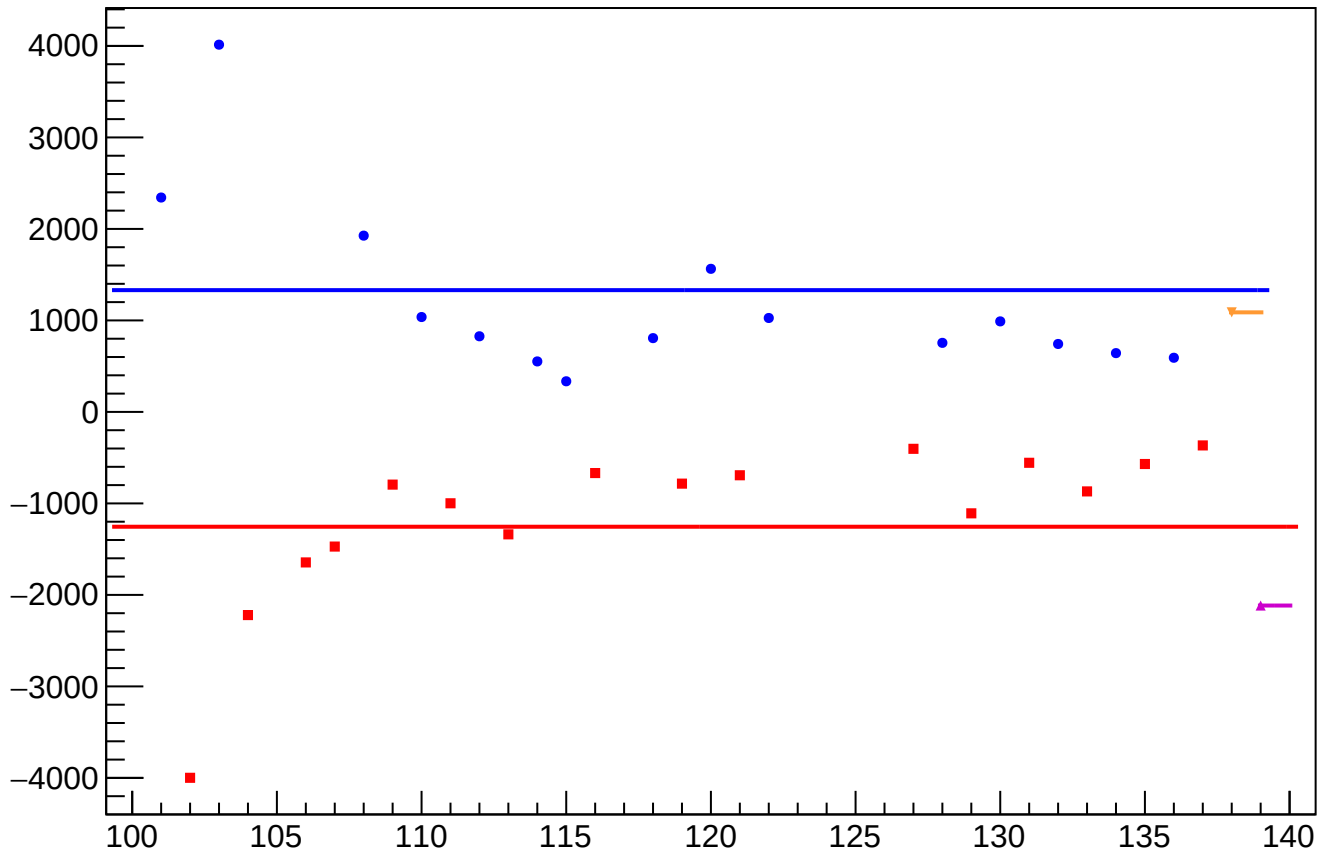
-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_sam2_coil1_mean vs Slug, Sign Corrected



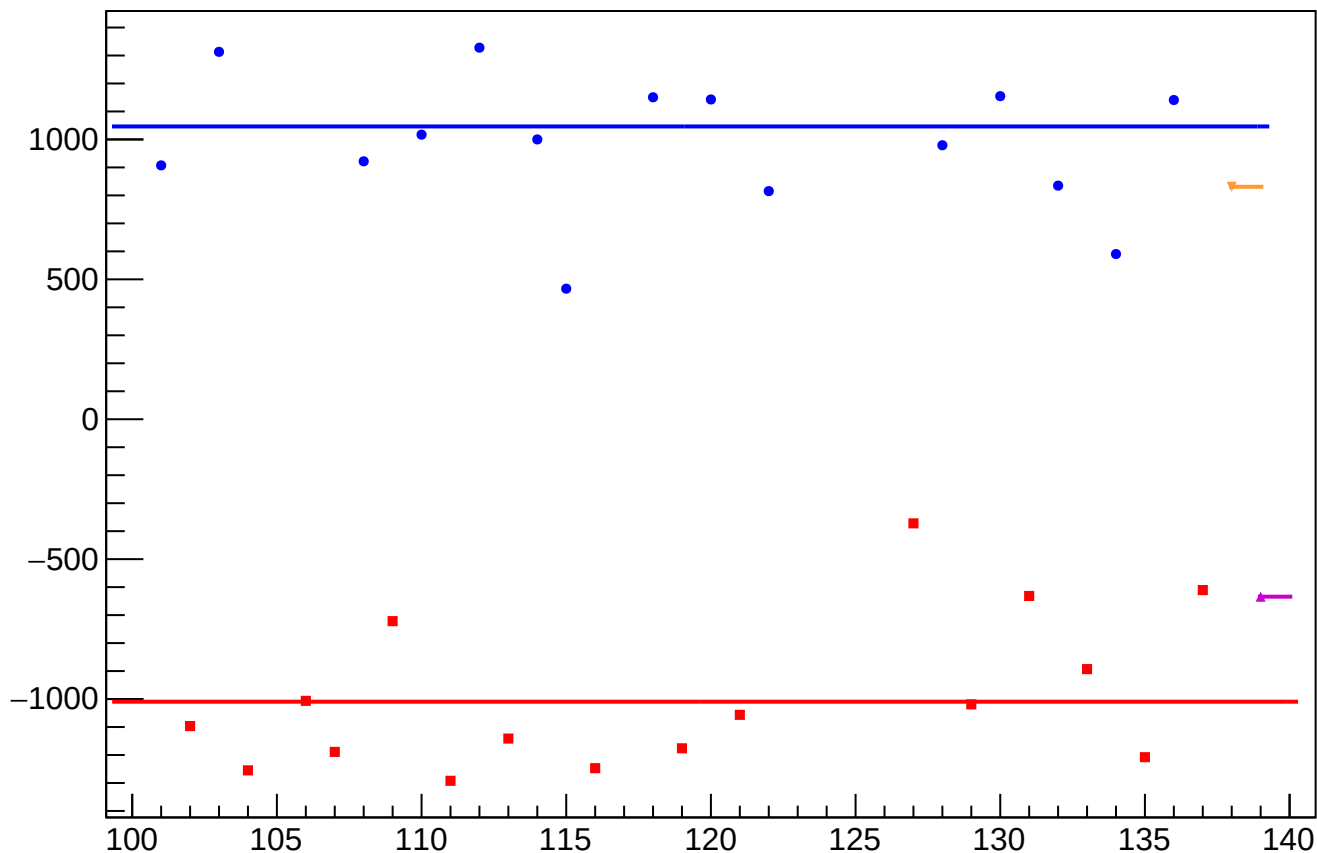
Right In: 69827.797 $\pm$ 0.000 χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
 Left Out: 59079.691 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -65555.147 $\pm$ 0.000 χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
 Left In: -76044.427 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1088.198+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: -2116.261+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

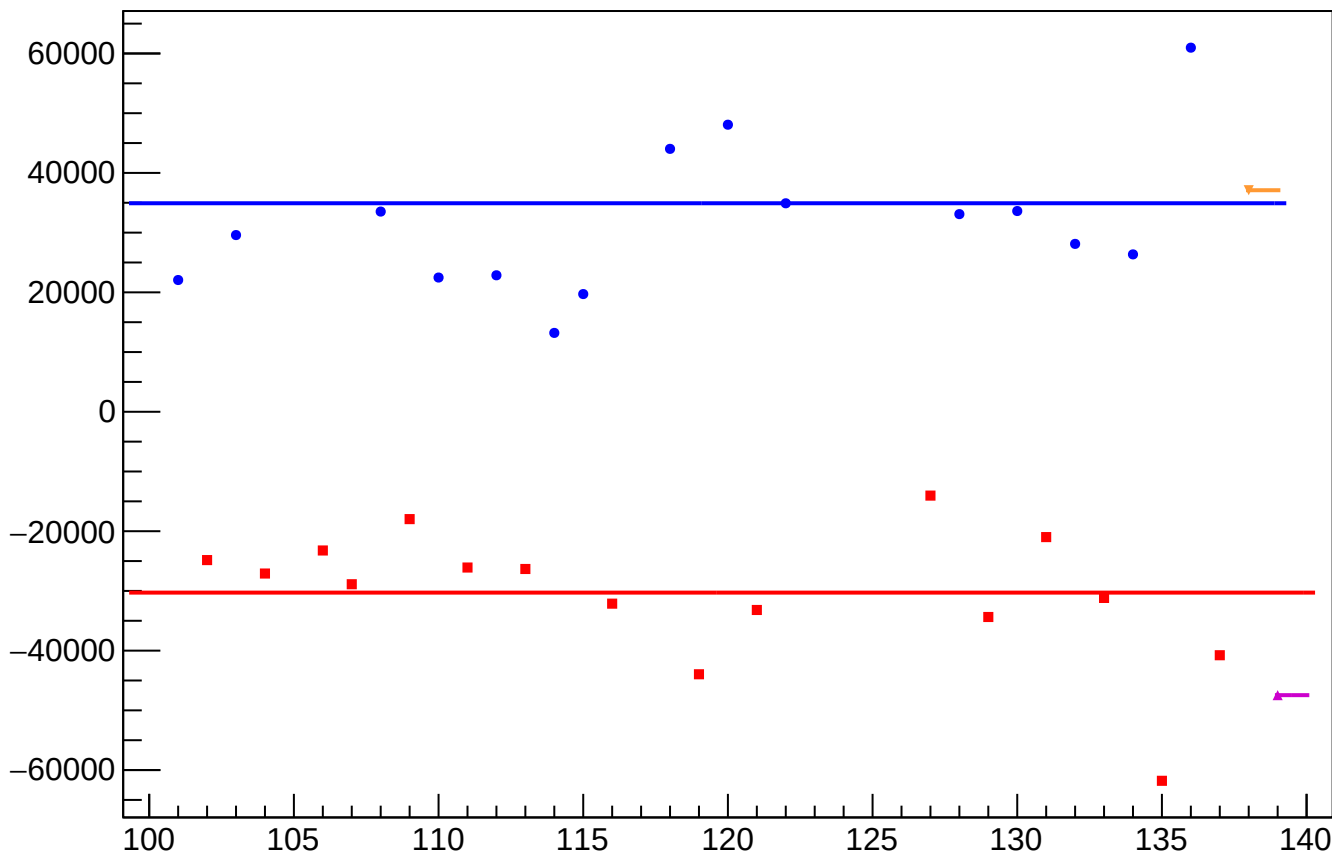
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

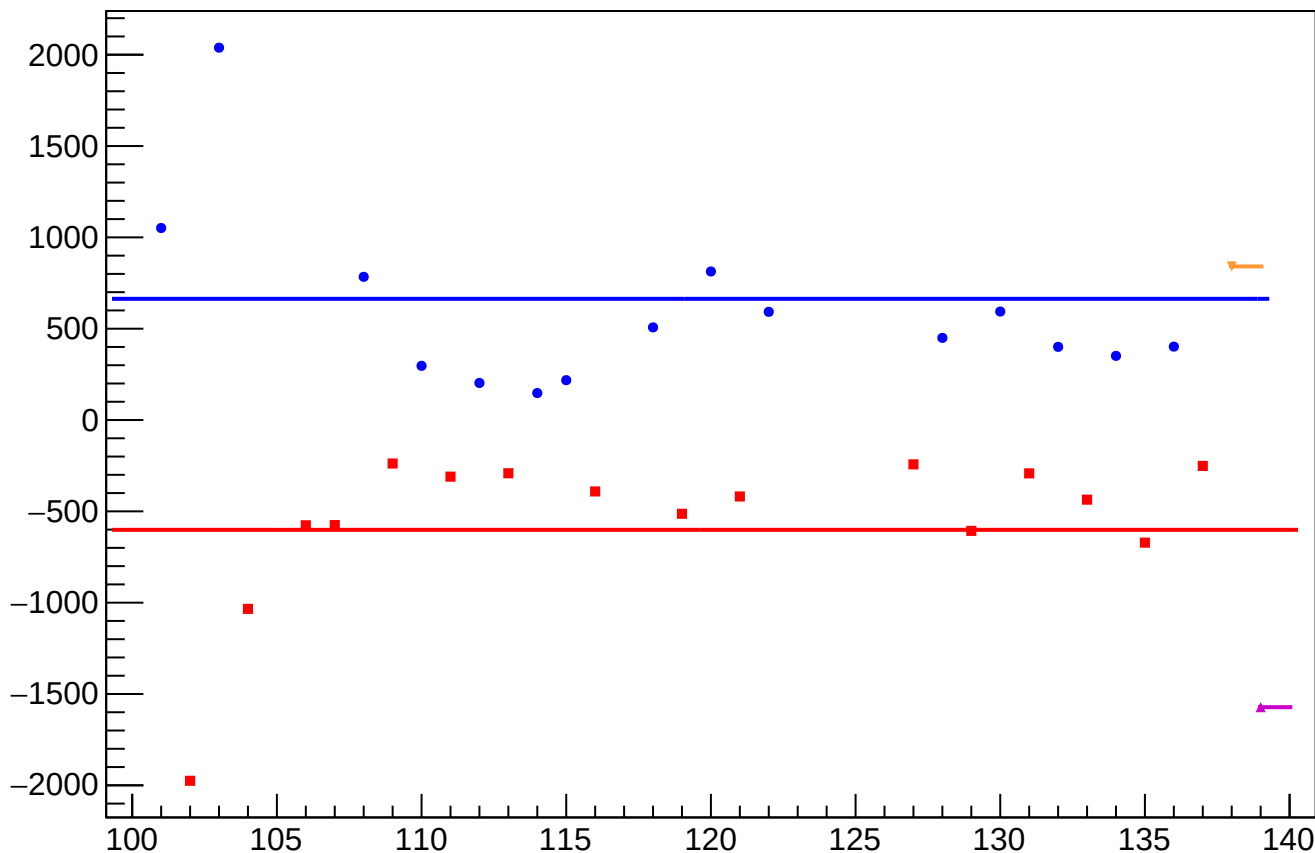
-983.760+/-0.000 χ^2/NDF : 5103290034536262

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: -47454.260+/-0.000 χ^2/NDF : 0.0/0

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

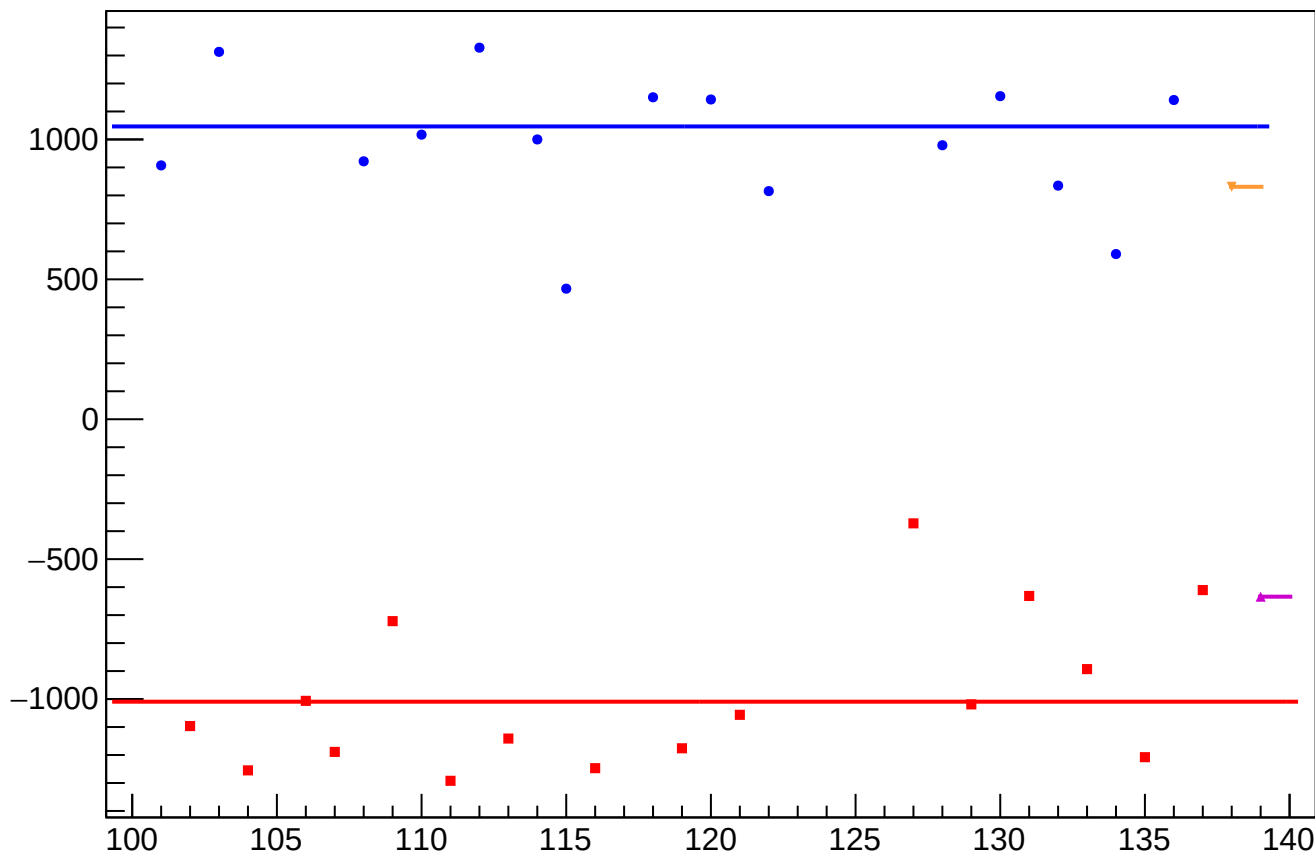
Left In: -1572.143+/-0.000 χ^2/NDF : 0.0/0

682.601+/-0.000 χ^2/NDF : 15988181941250874

12.616+/-0.000 χ^2/NDF : 1010315760915

-667.662+/-0.000 χ^2/NDF : 1927489410763501

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

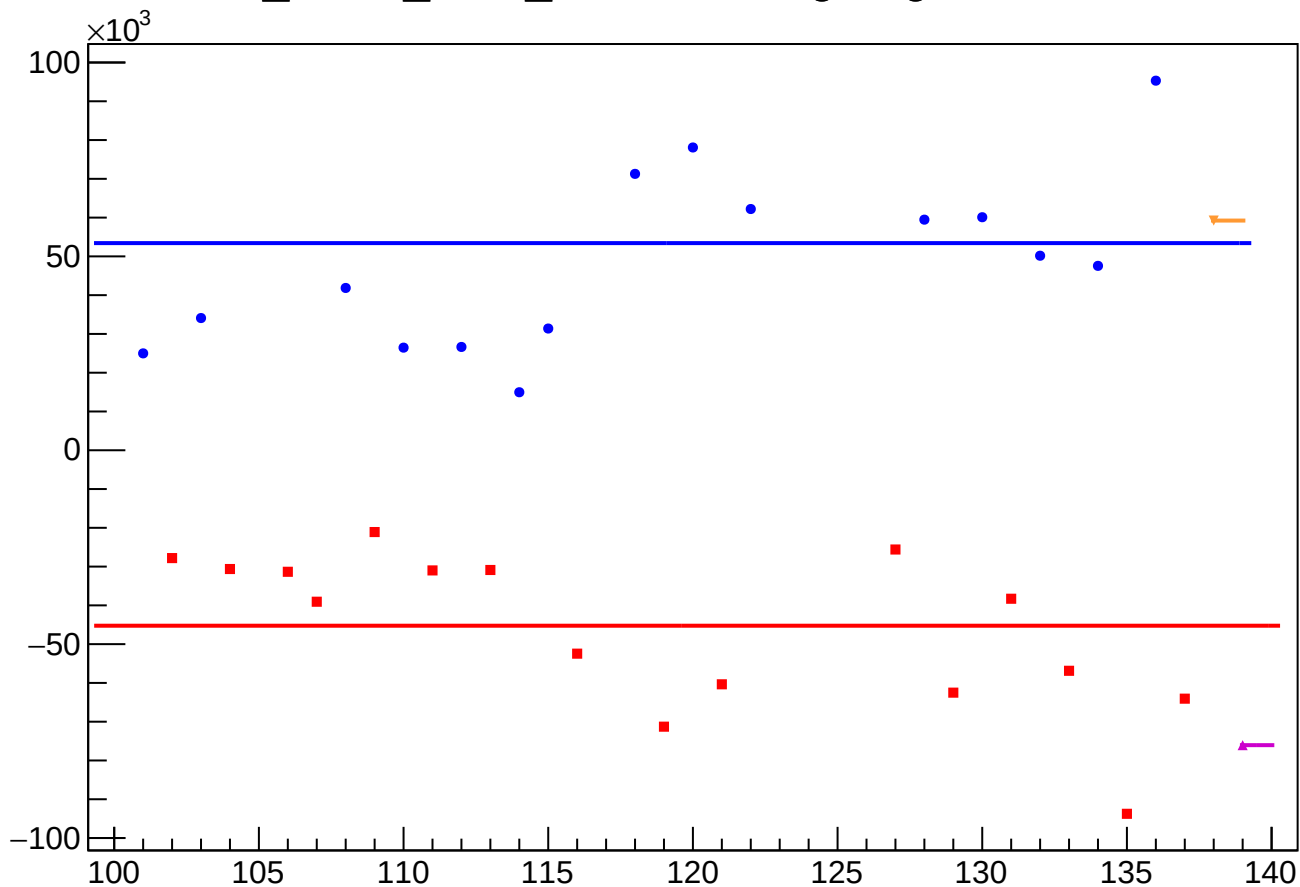
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

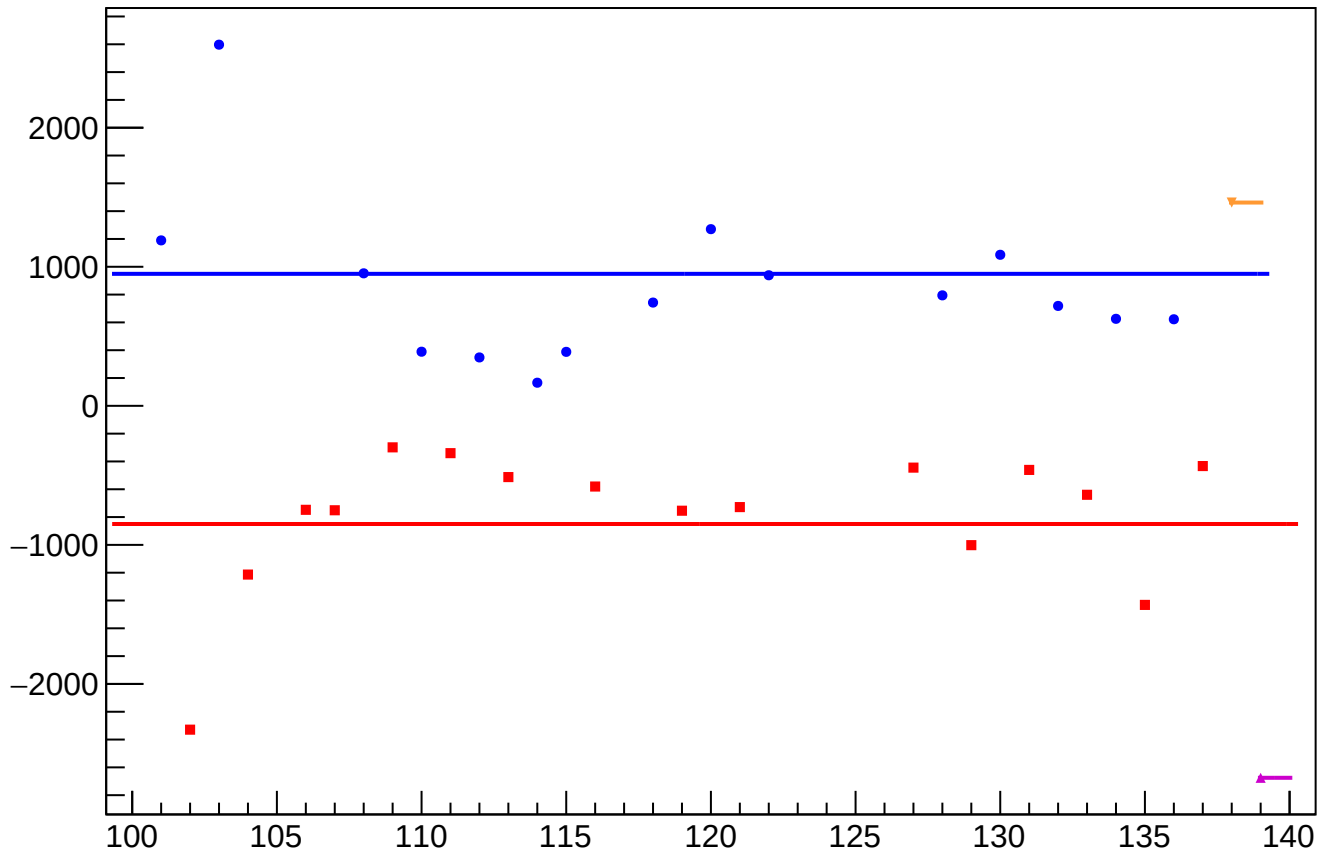
-983.760+/-0.000 χ^2/NDF : 5103290034536262

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: -76050.720+/-0.000 χ^2/NDF : 10376153603.9/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1461.880+/-0.000 χ^2/NDF : 0.0/0

Right Out: -849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

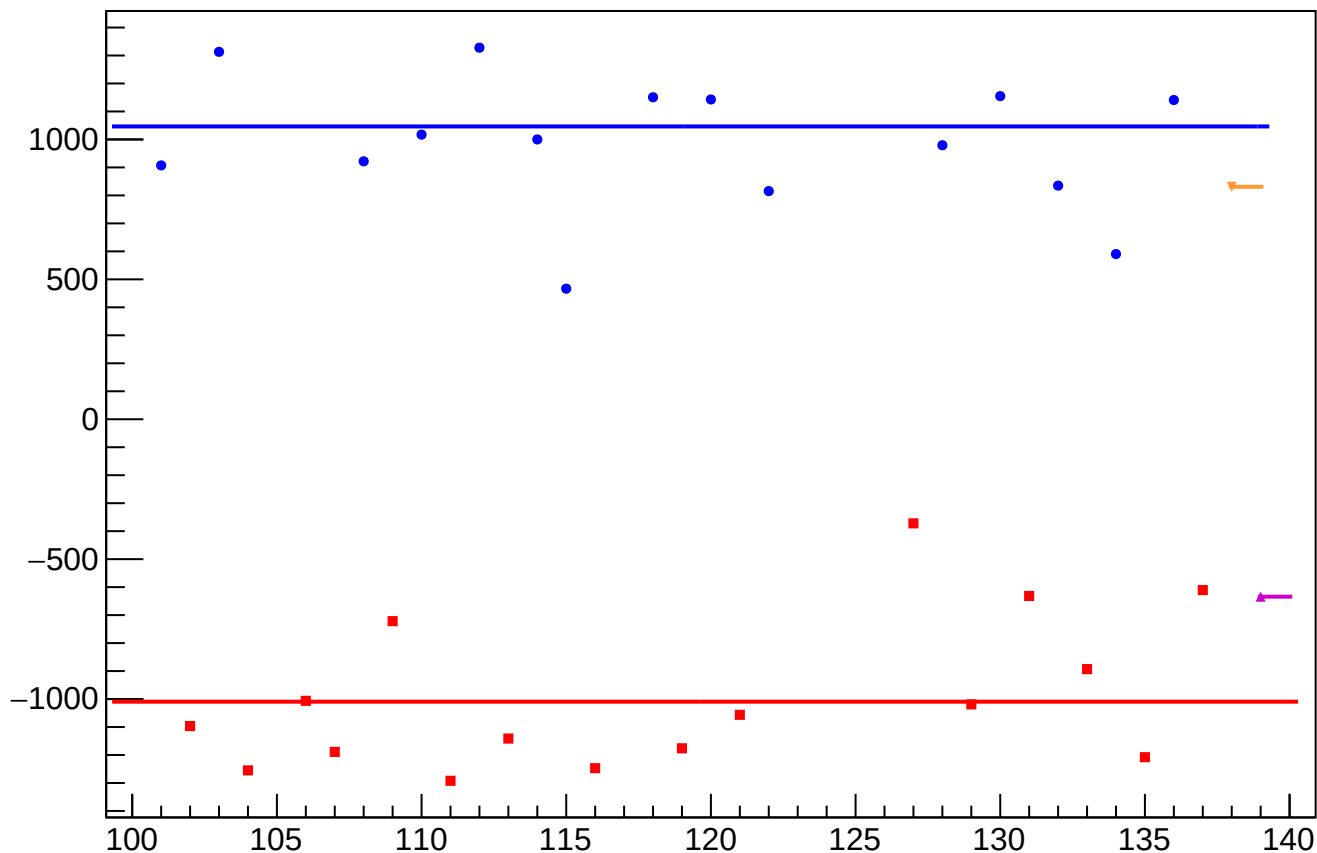
Left In: -2675.027+/-0.000 χ^2/NDF : 0.0/0

1004.203+/-0.000 χ^2/NDF : 2439931847707929

22.276+/-0.000 χ^2/NDF : 2013366829396

-974.736+/-0.000 χ^2/NDF : 3566875404639202

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

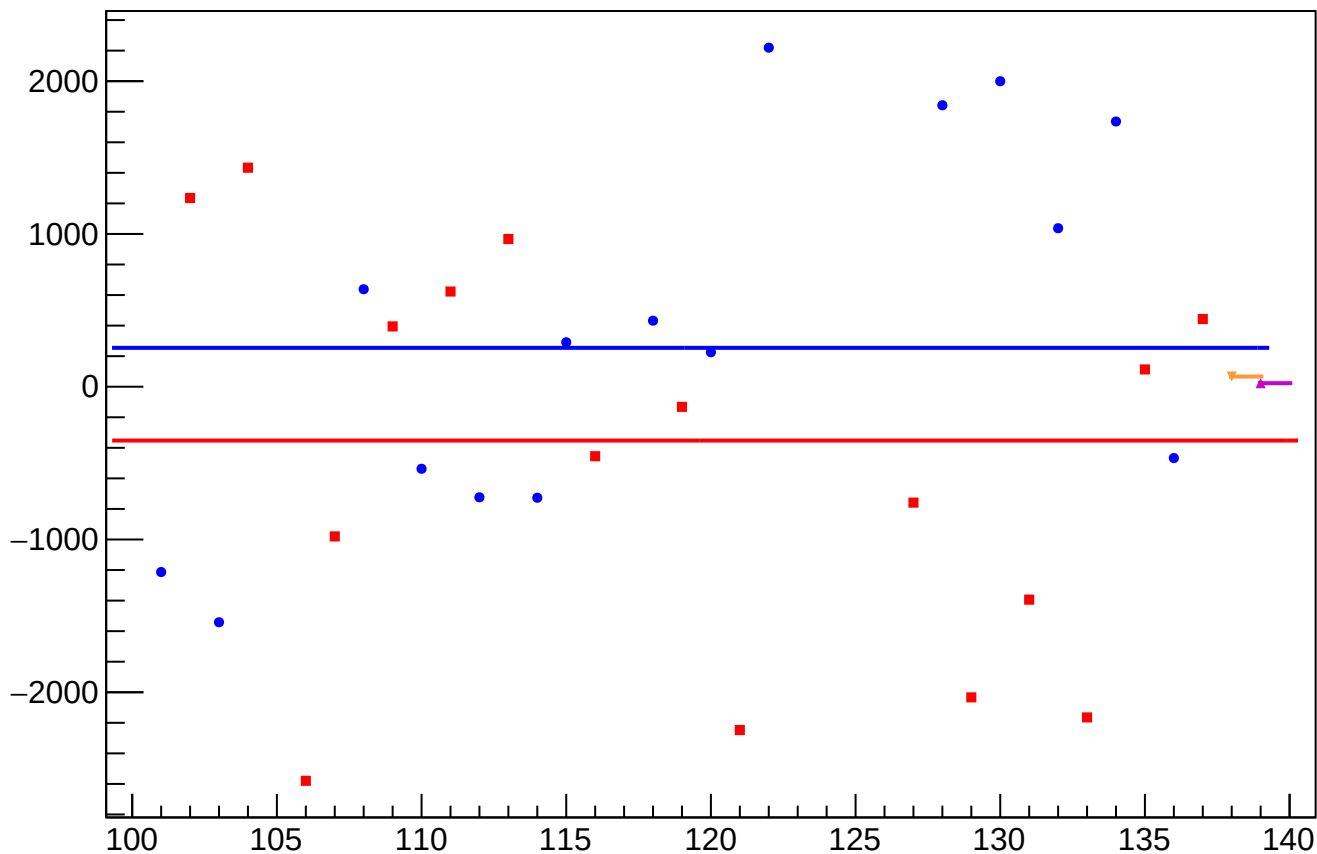
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: 66.541+/-0.000 χ^2/NDF : 0.0/0

Right Out: -352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

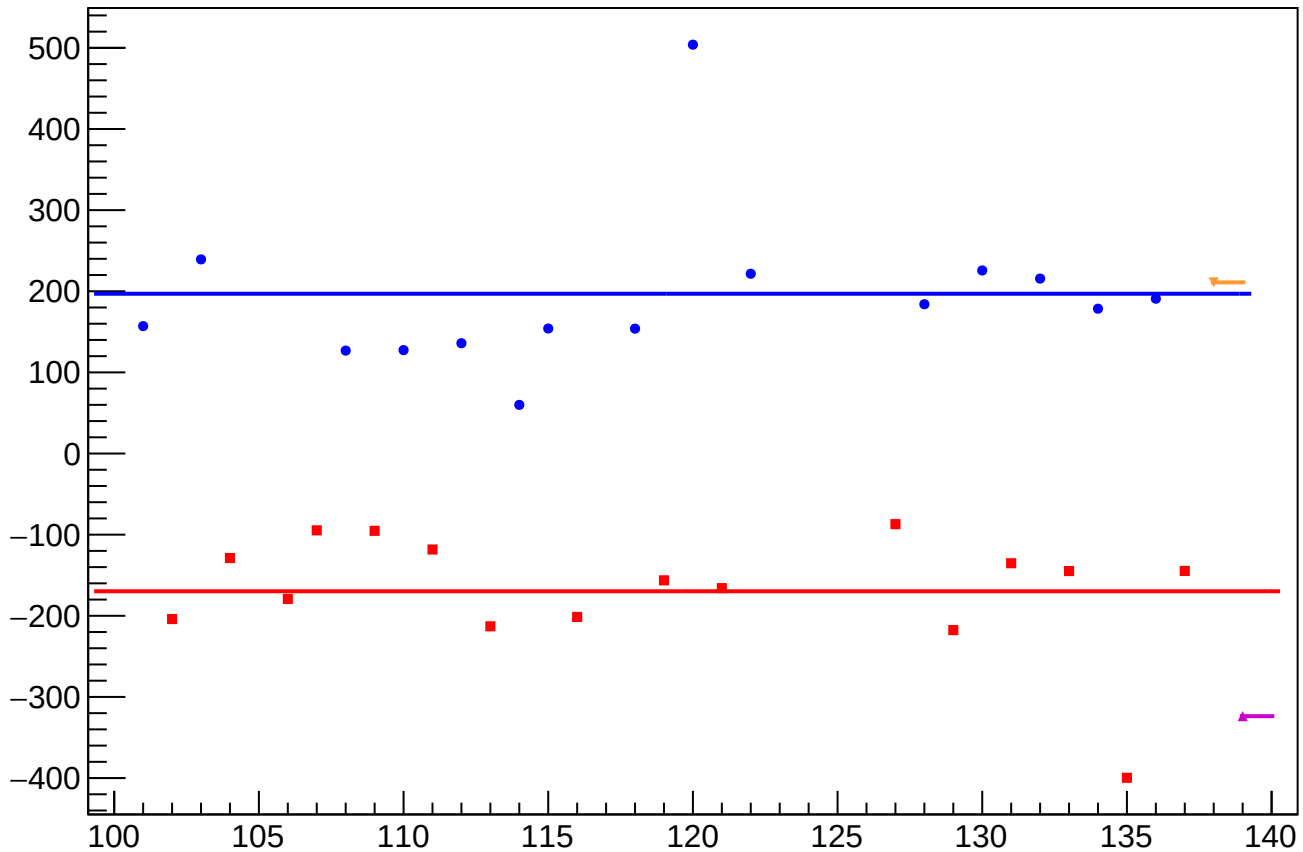
Left In: 23.219+/-0.000 χ^2/NDF : 0.0/0

234.404+/-0.000 χ^2/NDF : 98086414711522168

-43.964+/-0.000 χ^2/NDF : 2201648784079

-326.608+/-0.000 χ^2/NDF : 1107250758681311

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

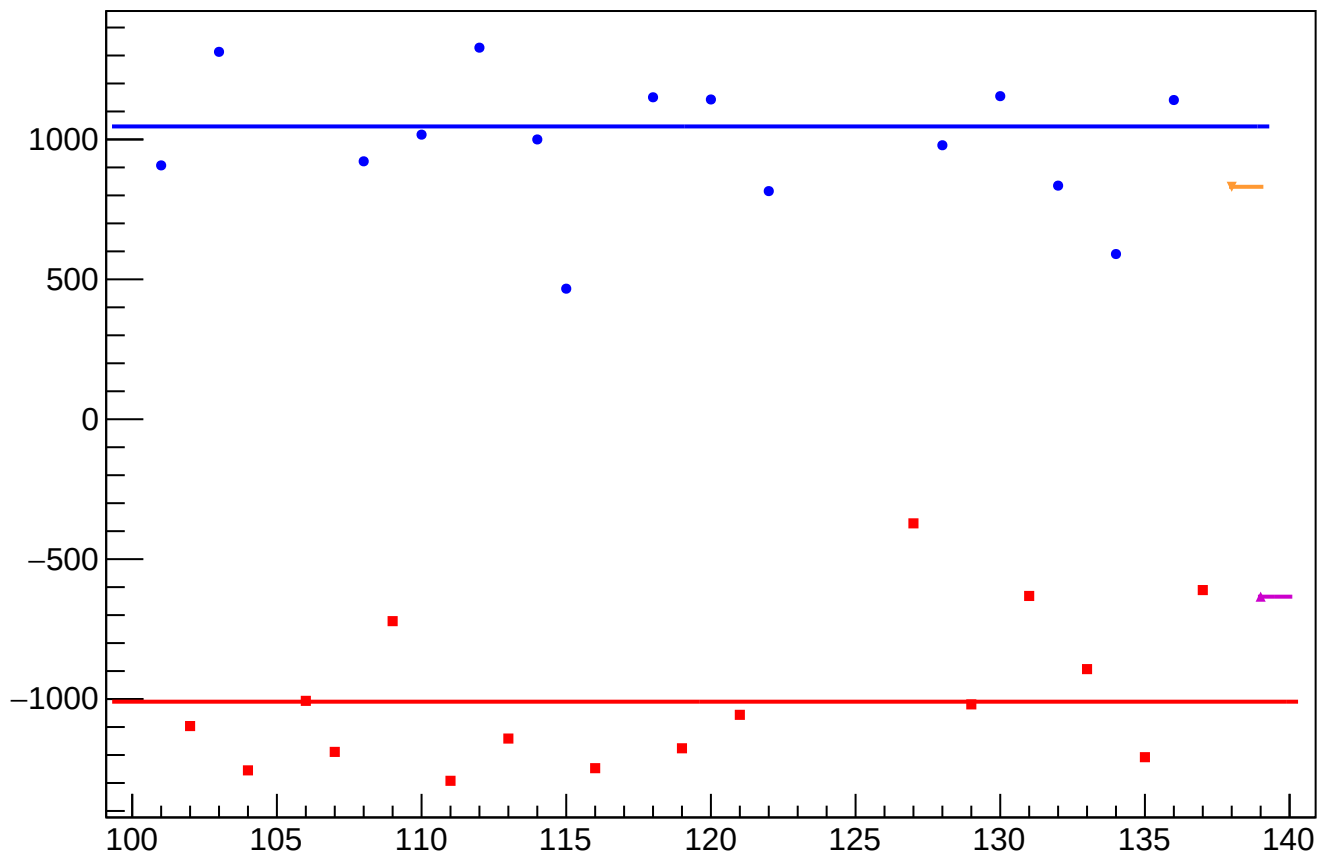
Left In: -323.730+/-0.000 χ^2/NDF : 0.0/0

198.456+/-0.000 χ^2/NDF : 44988728581565518

10.515+/-0.000 χ^2/NDF : 6122603748414

-180.314+/-0.000 χ^2/NDF : 4974487601304174

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

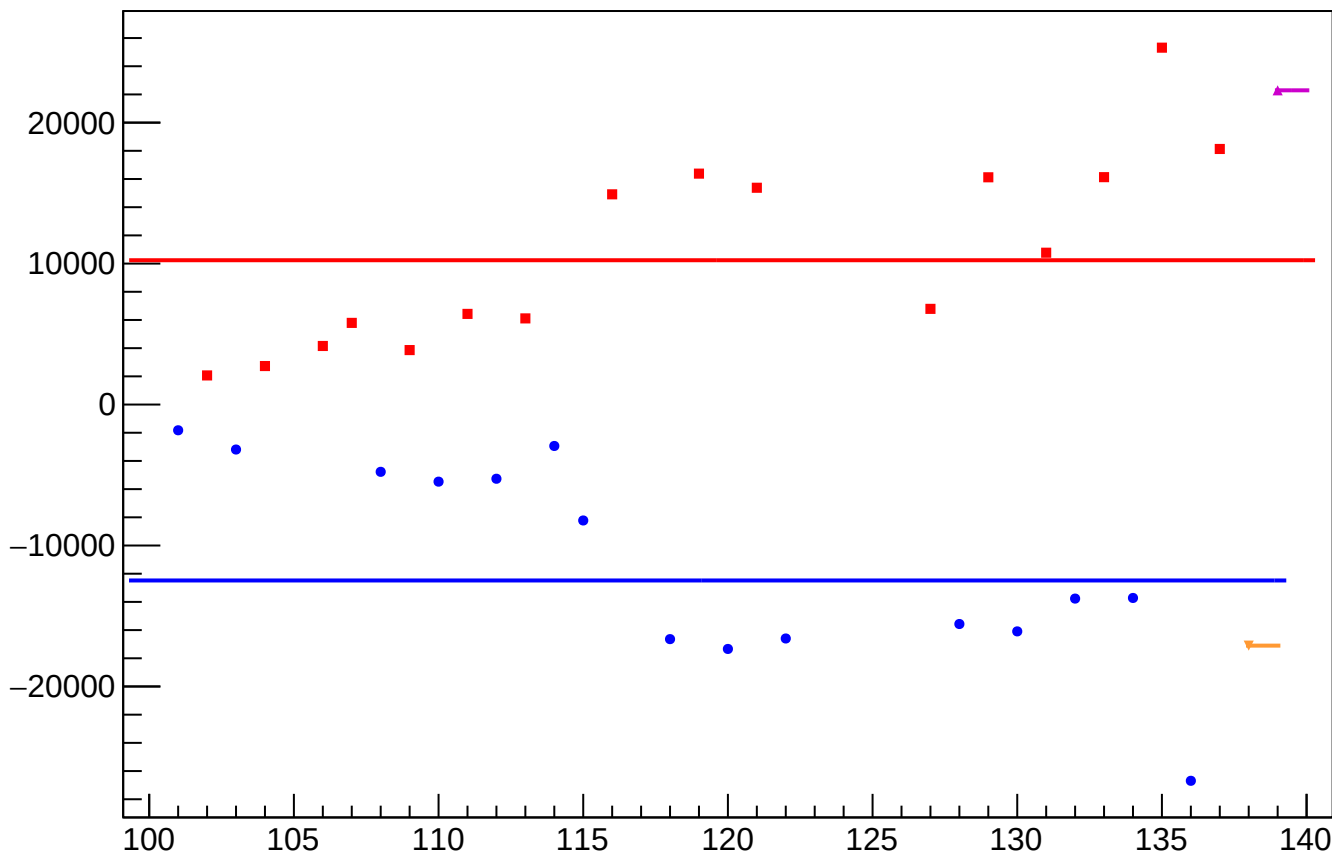
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

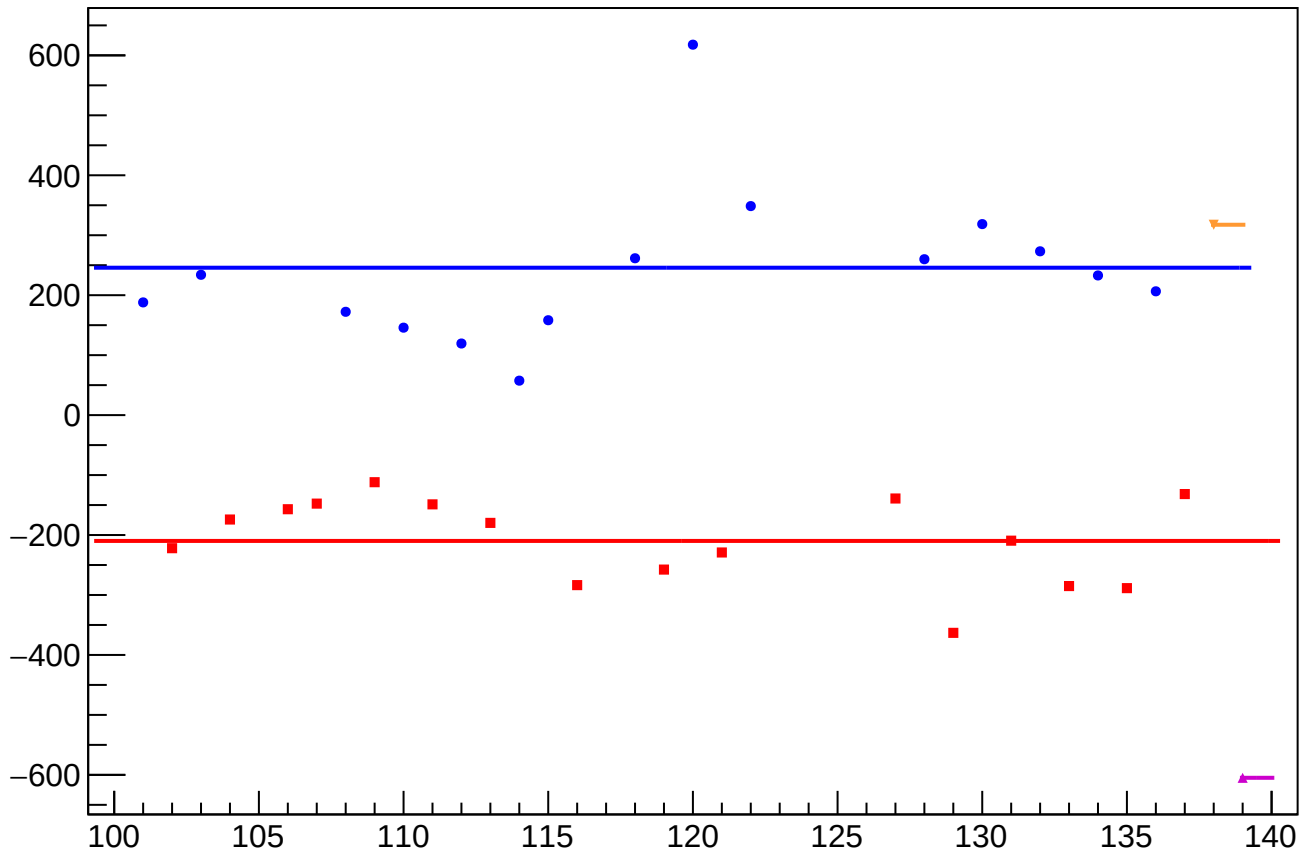
-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -17101.989+/-0.000 χ^2/NDF : 1032321404.5/0
 Right Out: 10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: 22291.699+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832 +/- 0.000 $\chi^2/\text{NDF}: 7828269009300013139414476154059358208.0/14$

Left Out: 317.492 +/- 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -209.844 +/- 0.000 $\chi^2/\text{NDF}: 3128489258838765241921217786024034304.0/15$

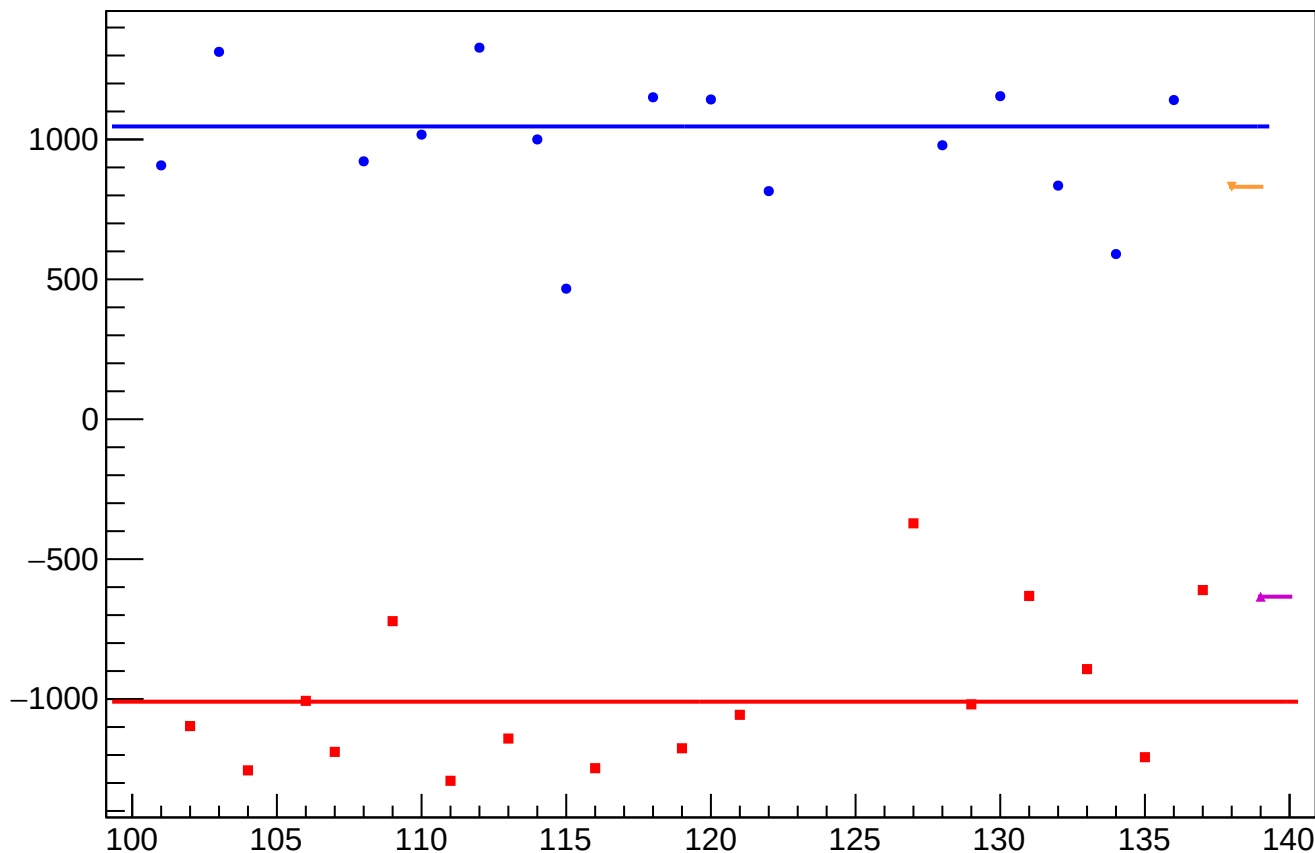
Left In: -604.897 +/- 0.000 $\chi^2/\text{NDF}: 0.0/0$

253.521 +/- 0.000 $\chi^2/\text{NDF}: 81858316698571099$

10.190 +/- 0.000 $\chi^2/\text{NDF}: 1051908722156$

-236.879 +/- 0.000 $\chi^2/\text{NDF}: 1025241835054271$

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

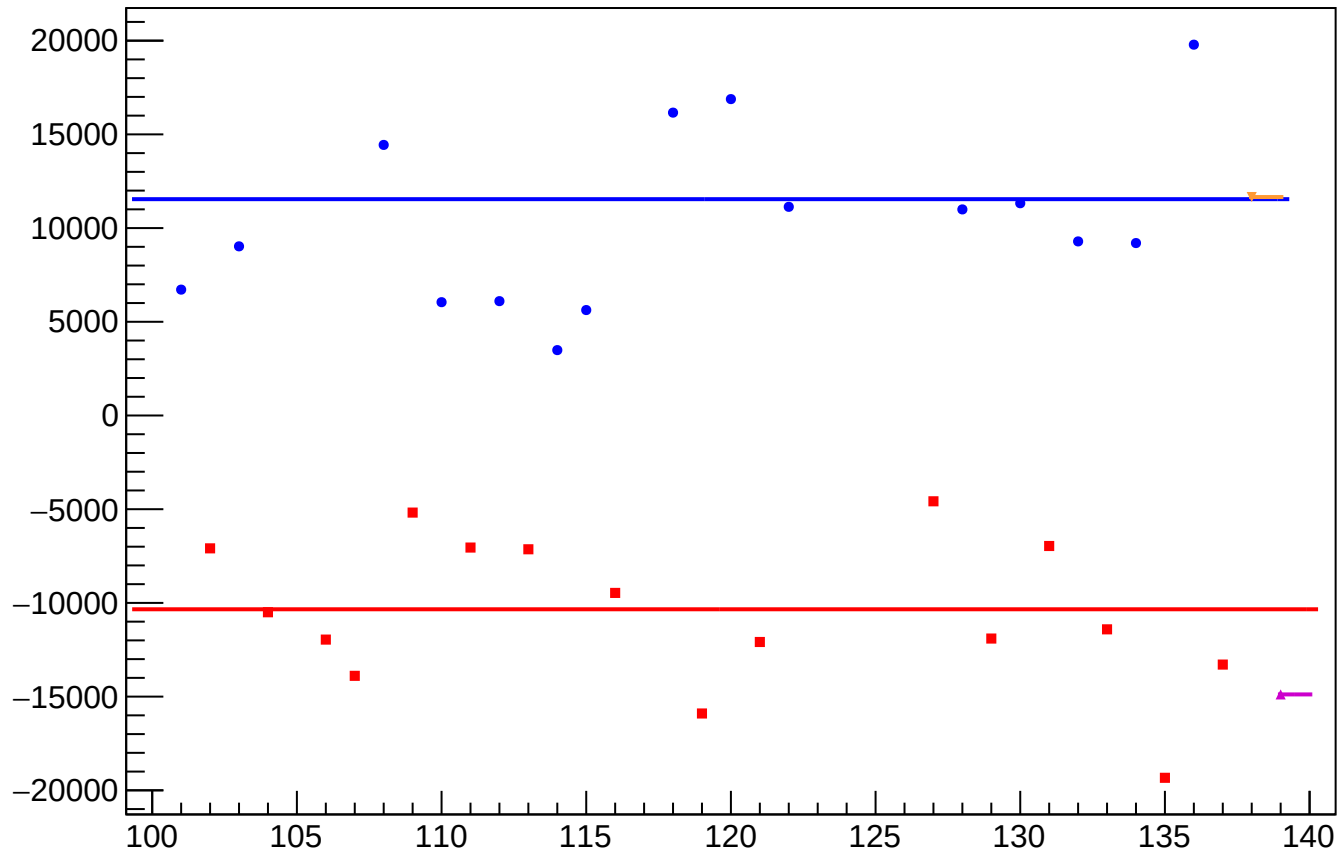
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

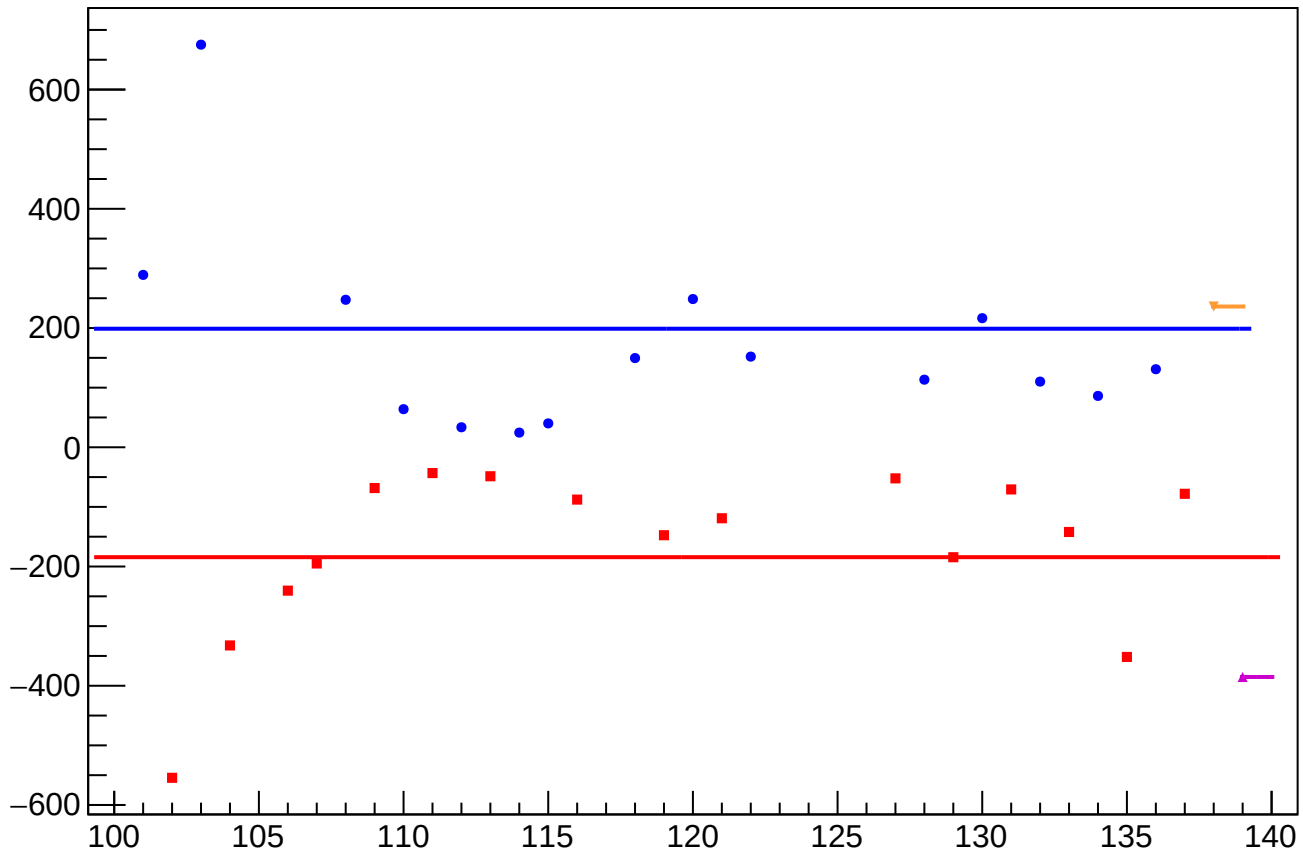
-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 11542.759+/-0.000 $\chi^2/\text{NDF}: 14233543123238566357226766219014687424512.0/14$
 Left Out: 11655.989+/-0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -10339.969+/-0.000 $\chi^2/\text{NDF}: 11260833863406751645923420062982418202624.0/15$
 Left In: -14882.942+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

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

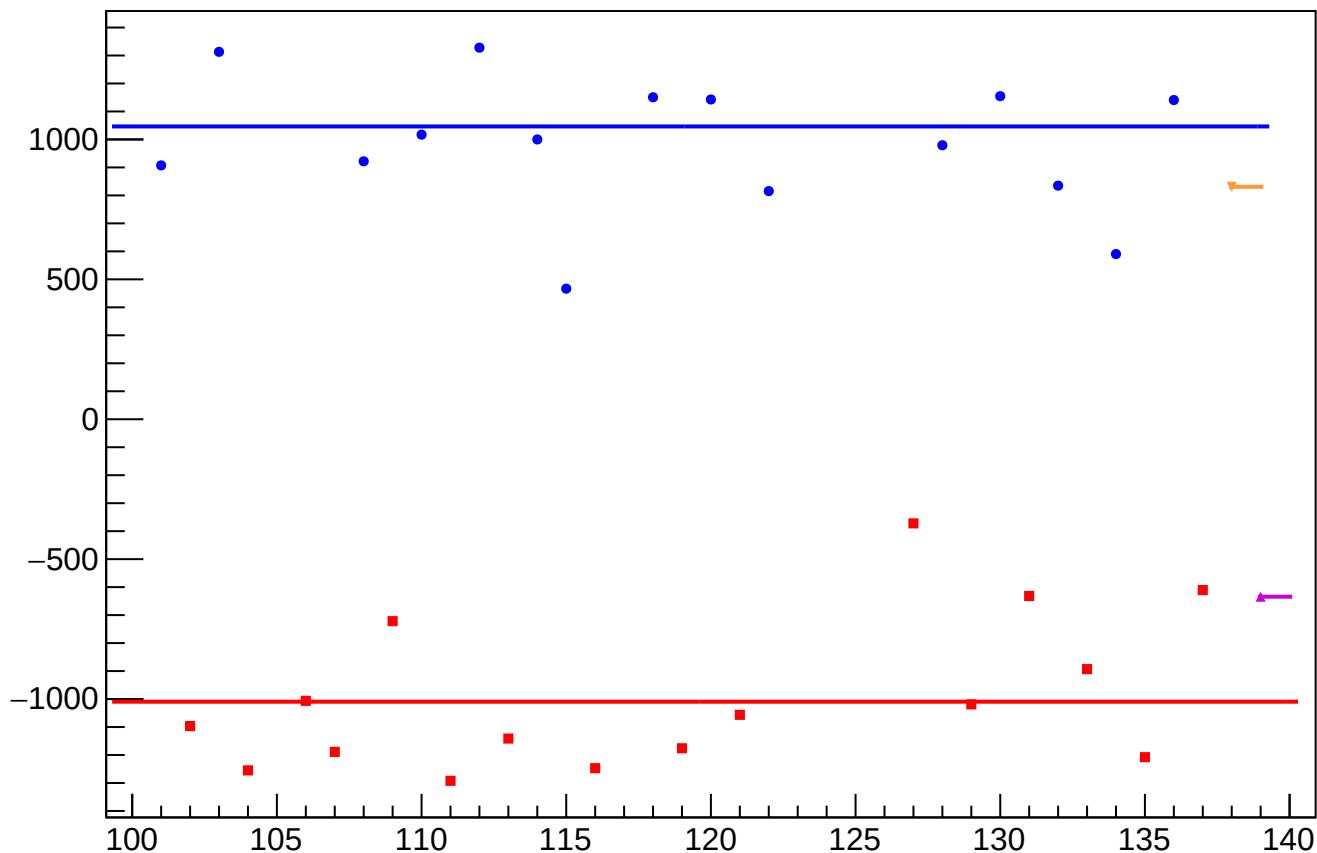
Left In: -385.283+/-0.000 χ^2/NDF : 0.0/0

202.846+/-0.000 χ^2/NDF : 18430546436043283

3.910+/-0.000 χ^2/NDF : 93185638192969

-198.081+/-0.000 χ^2/NDF : 1677077474288291

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

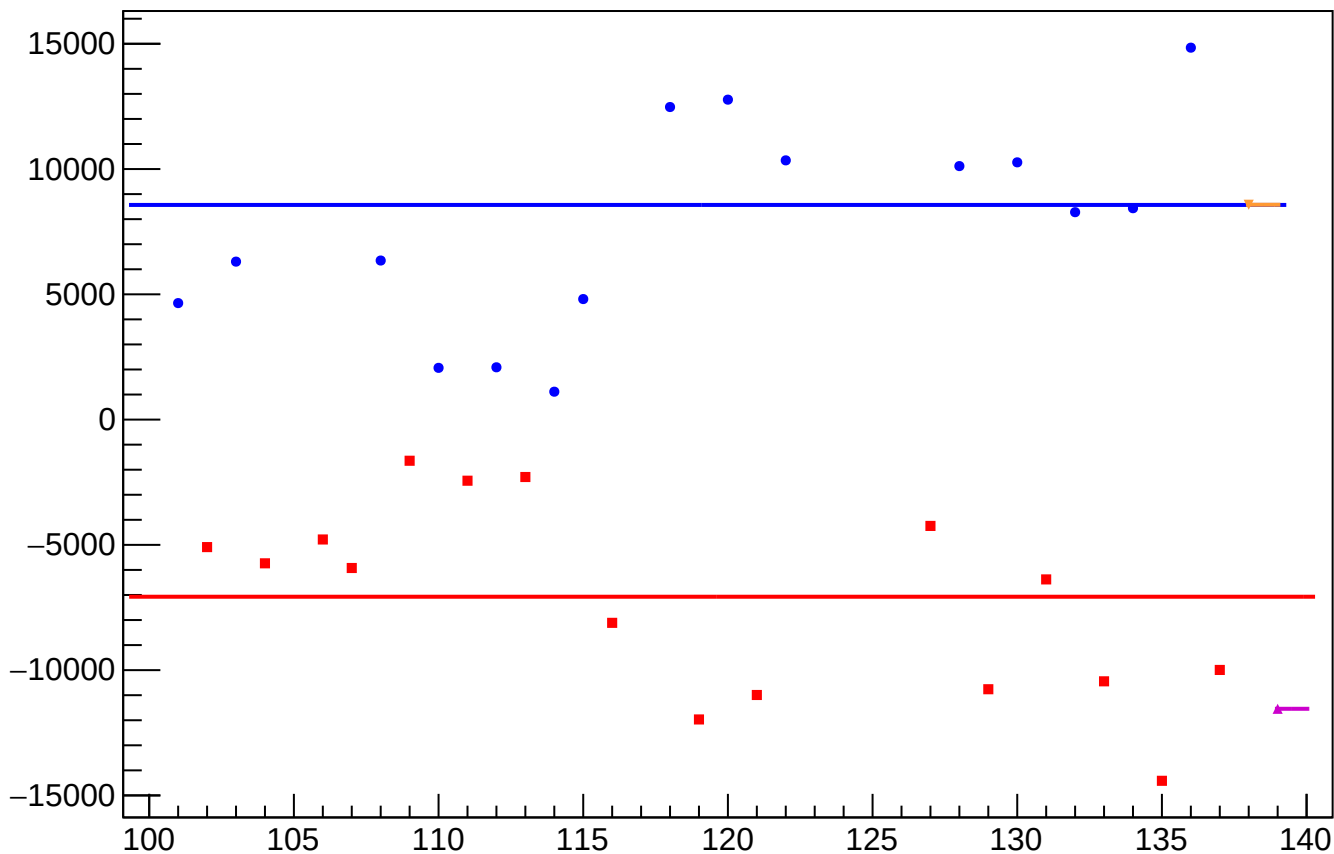
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

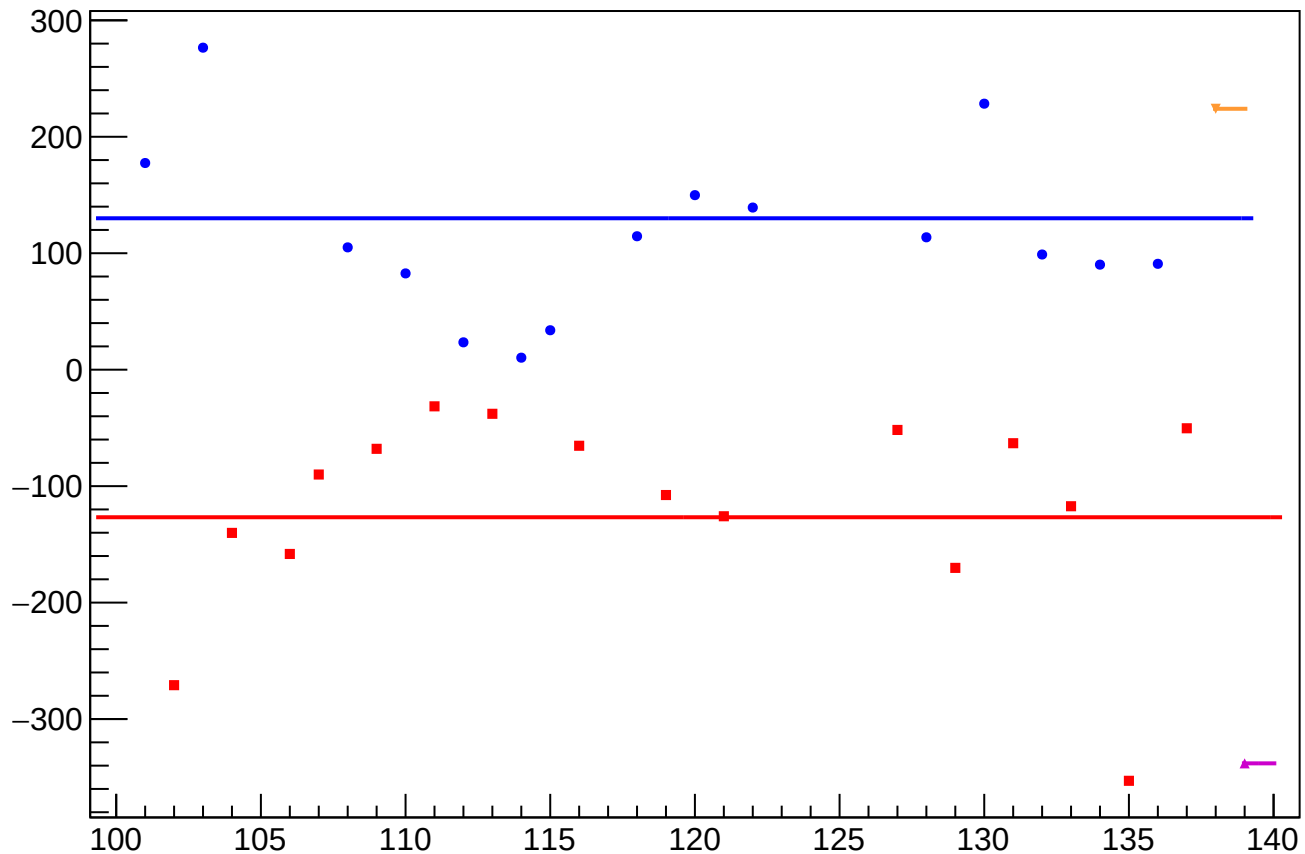
-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_sam8_coil1_mean vs Slug, Sign Corrected



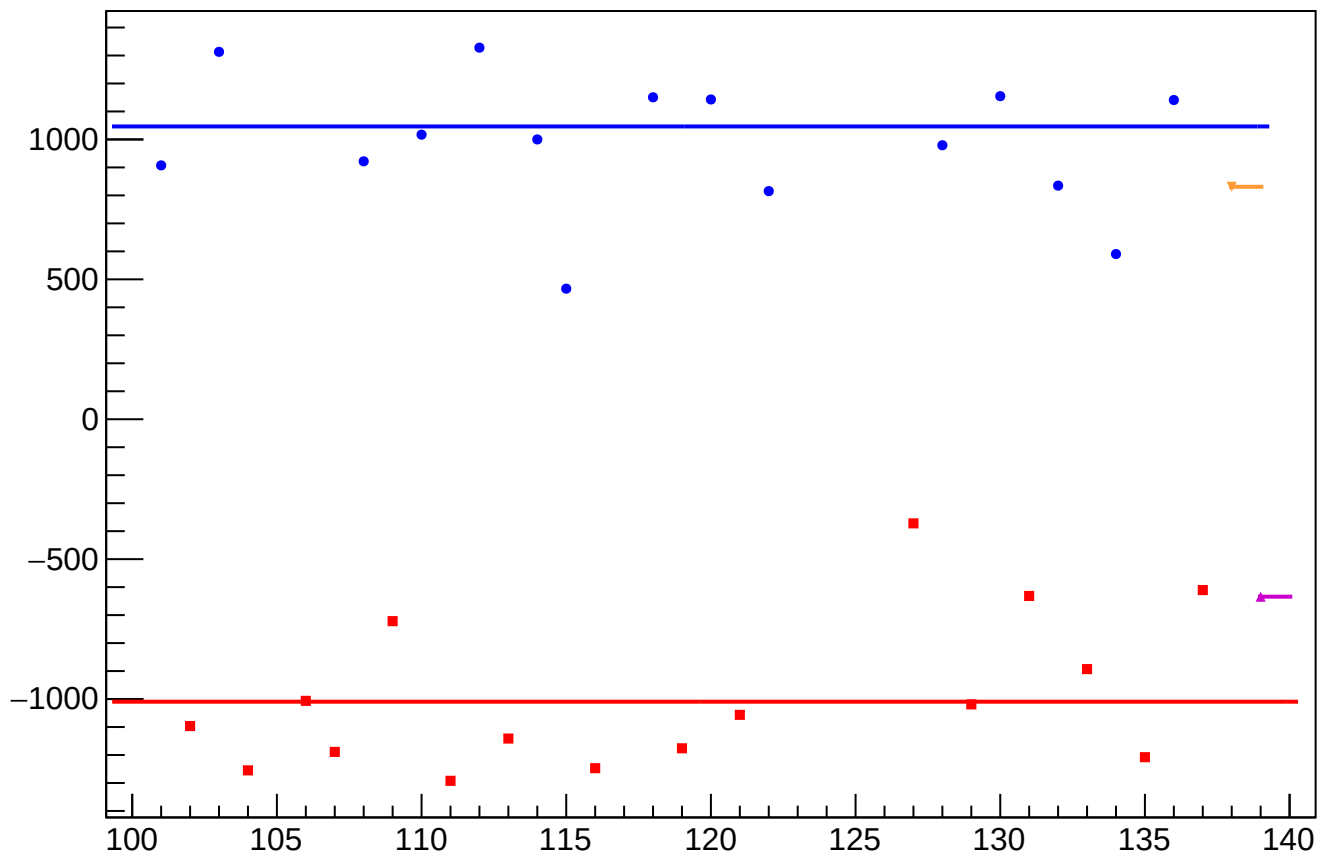
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 8575.422+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: -11542.642+/-0.000 χ^2/NDF : 0.0/0

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: -338.036+/-0.000 χ^2/NDF : 0.0/0

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

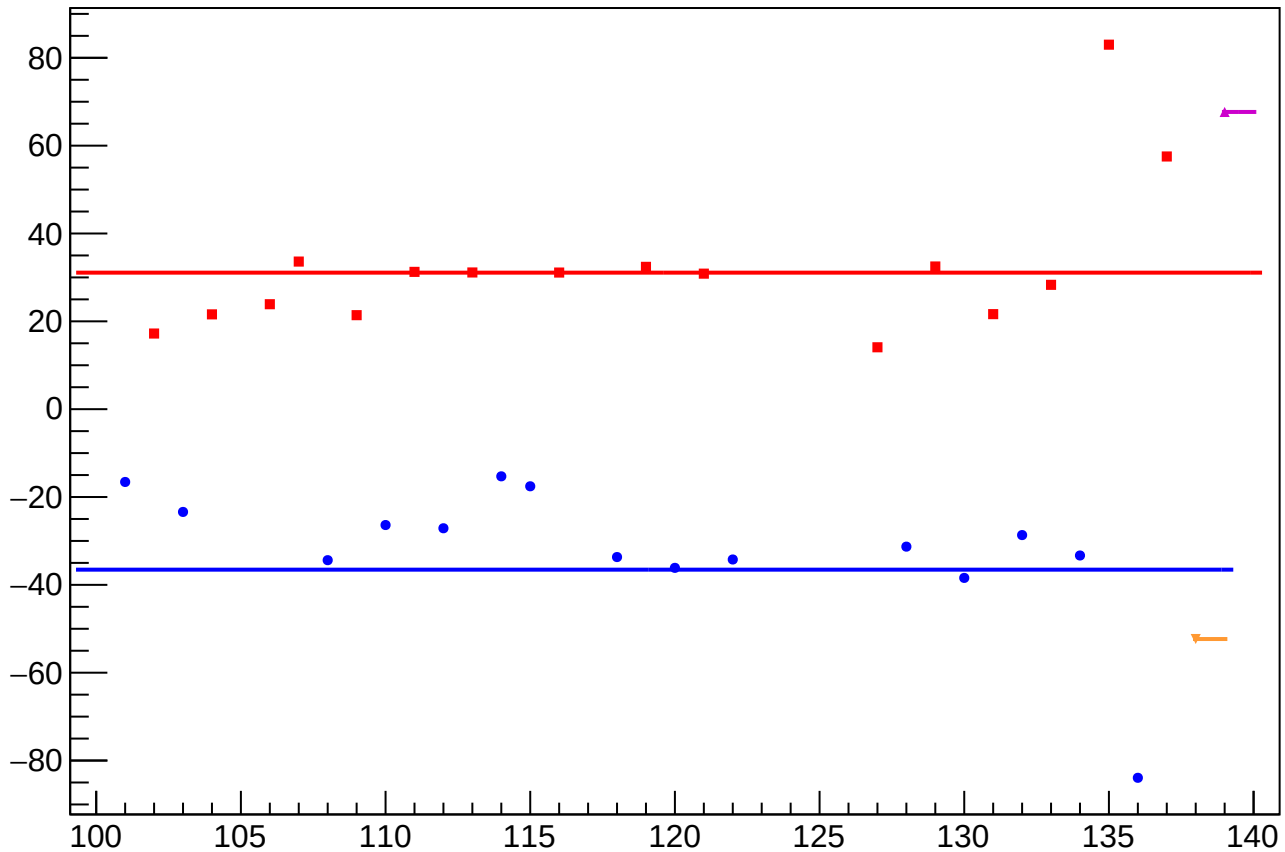
Left In: -634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

27.443+/-0.000 χ^2/NDF : 1532326172432

-983.760+/-0.000 χ^2/NDF : 5103290034536262

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: -36.540 $\pm$ 0.000 χ^2 /NDF: 254351867861444609202637633864335360.0/14

Left Out: -52.334 $\pm$ 0.000 χ^2 /NDF: 3938.0/0

Right Out: 31.085 $\pm$ 0.000 χ^2 /NDF: 181291079119381636178408498876383232.0/15

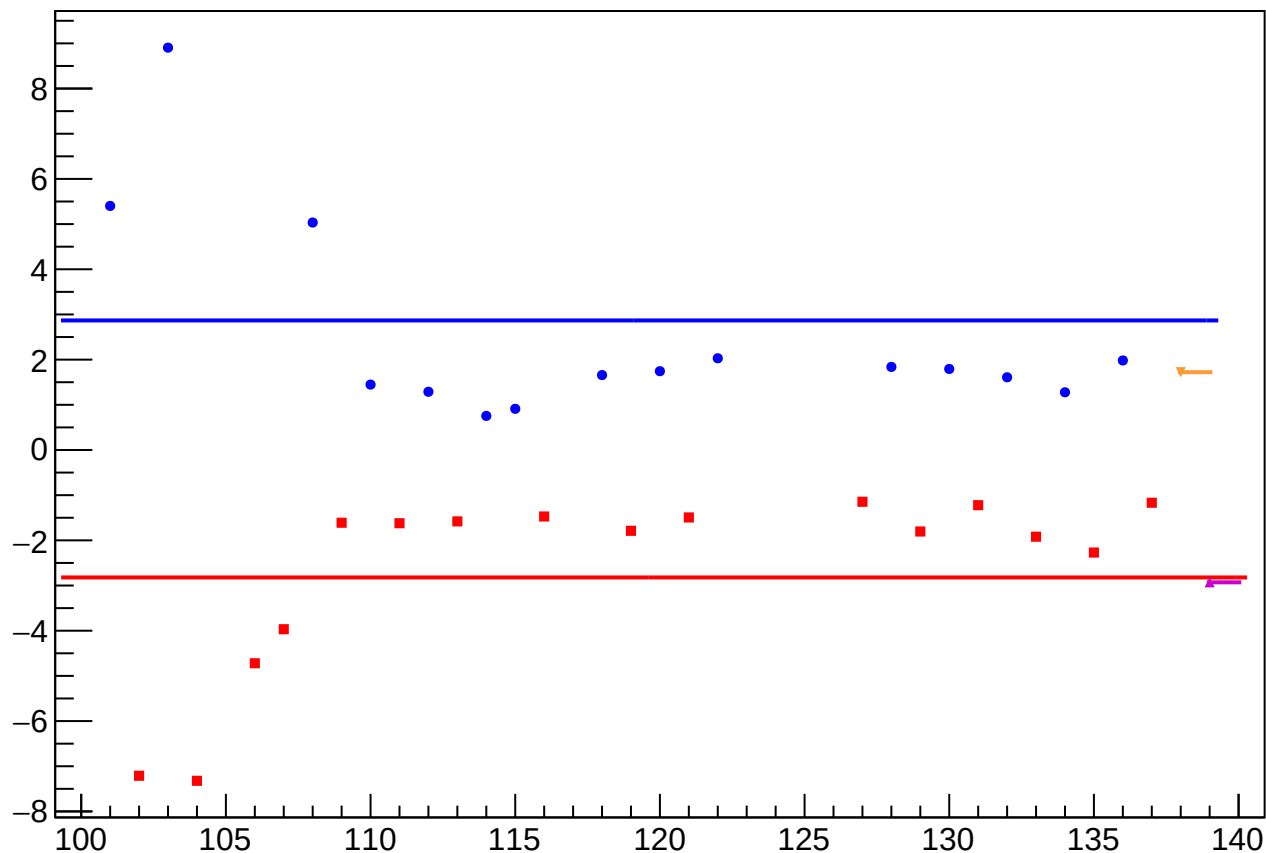
Left In: 67.673 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-38.234 $\pm$ 0.000 χ^2 /NDF: 27172150515974628

-2.596 $\pm$ 0.000 χ^2 /NDF: 23749856885762

33.589 $\pm$ 0.000 χ^2 /NDF: 242395594672033385

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867+/-0.000 $\chi^2/\text{NDF}: 3455499087584693564208174061322240.0/14$

Left Out: 1.722+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.821+/-0.000 $\chi^2/\text{NDF}: 3052948718107902490497172912472064.0/15$

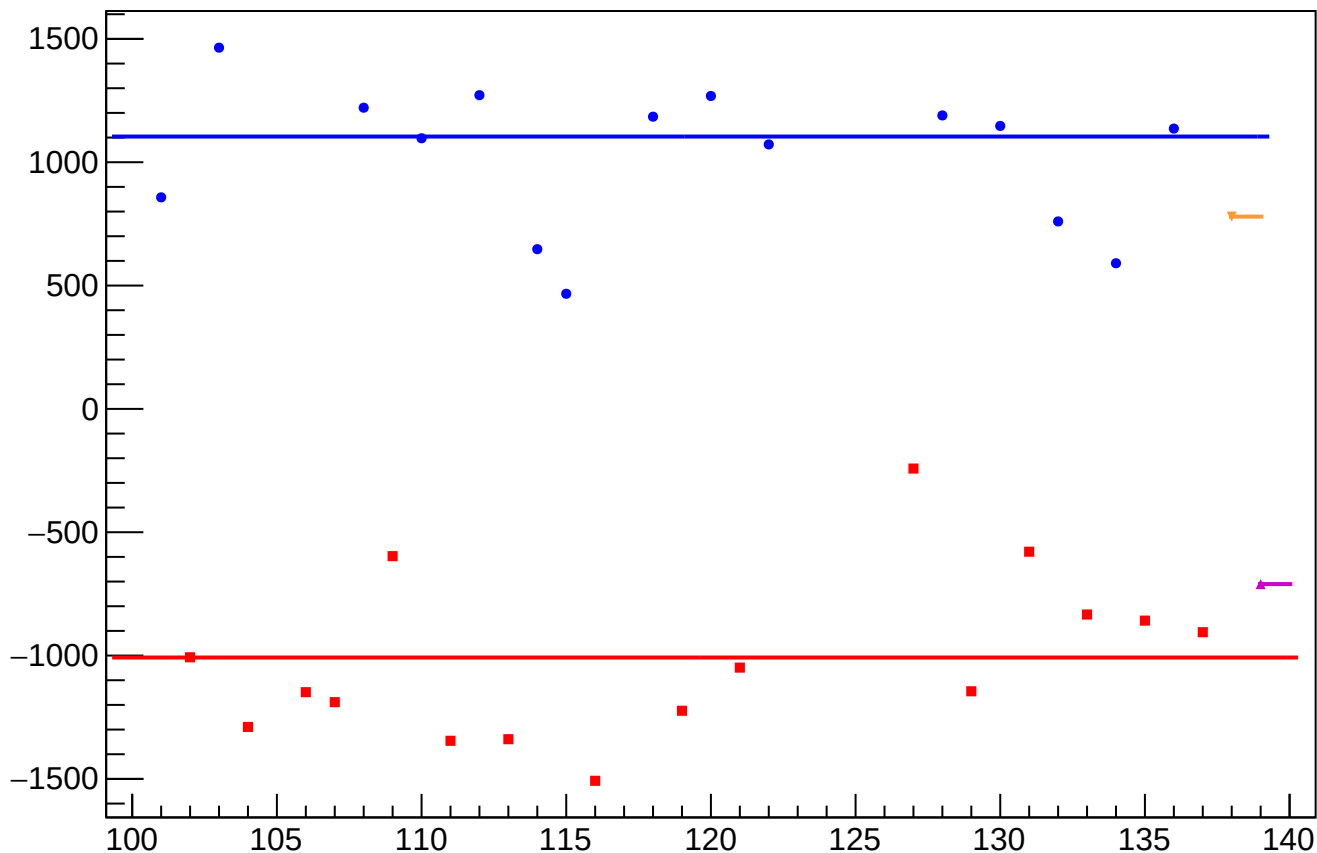
Left In: -2.929+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

2.745+/-0.000 $\chi^2/\text{NDF}: 3546882455316051484$

-0.021+/-0.000 $\chi^2/\text{NDF}: 1780352303875$

-2.828+/-0.000 $\chi^2/\text{NDF}: 305348053611768616$

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

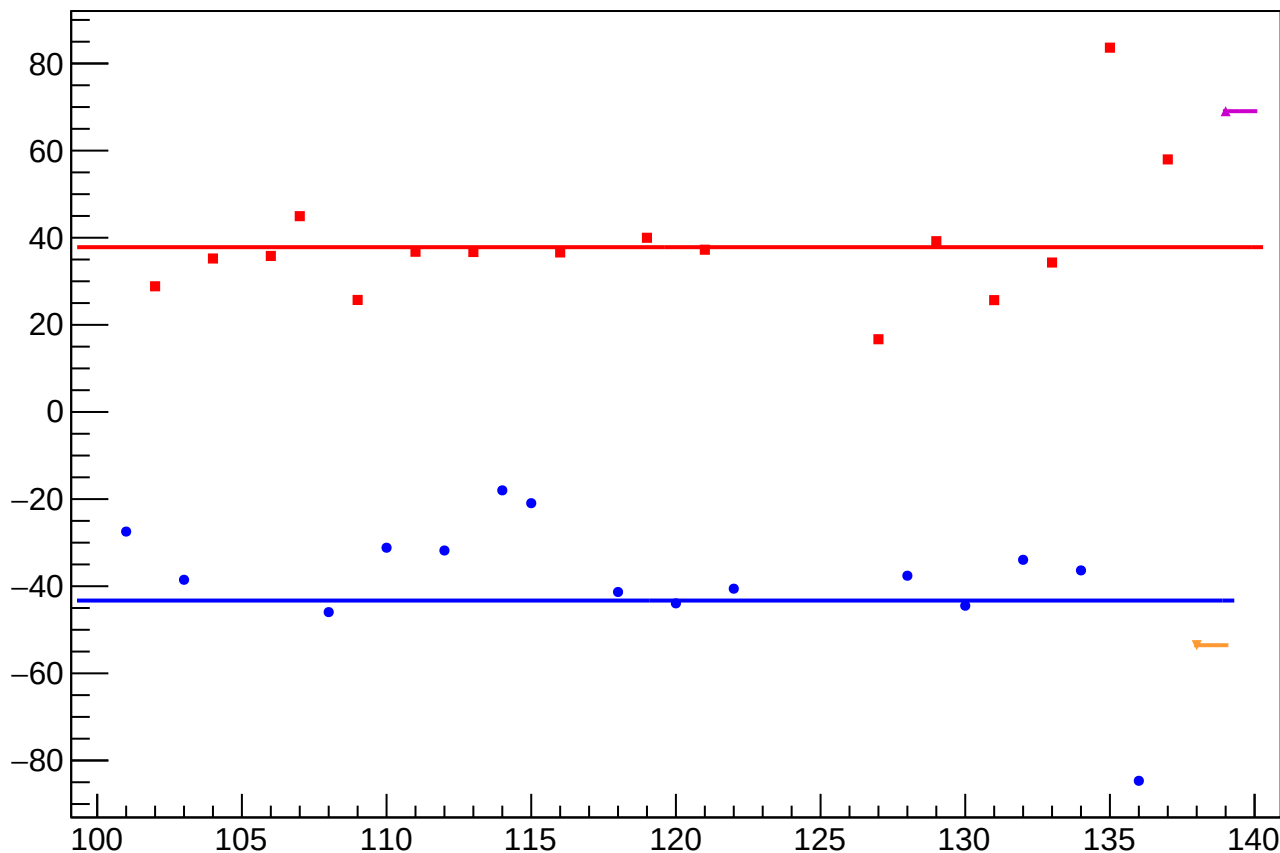
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

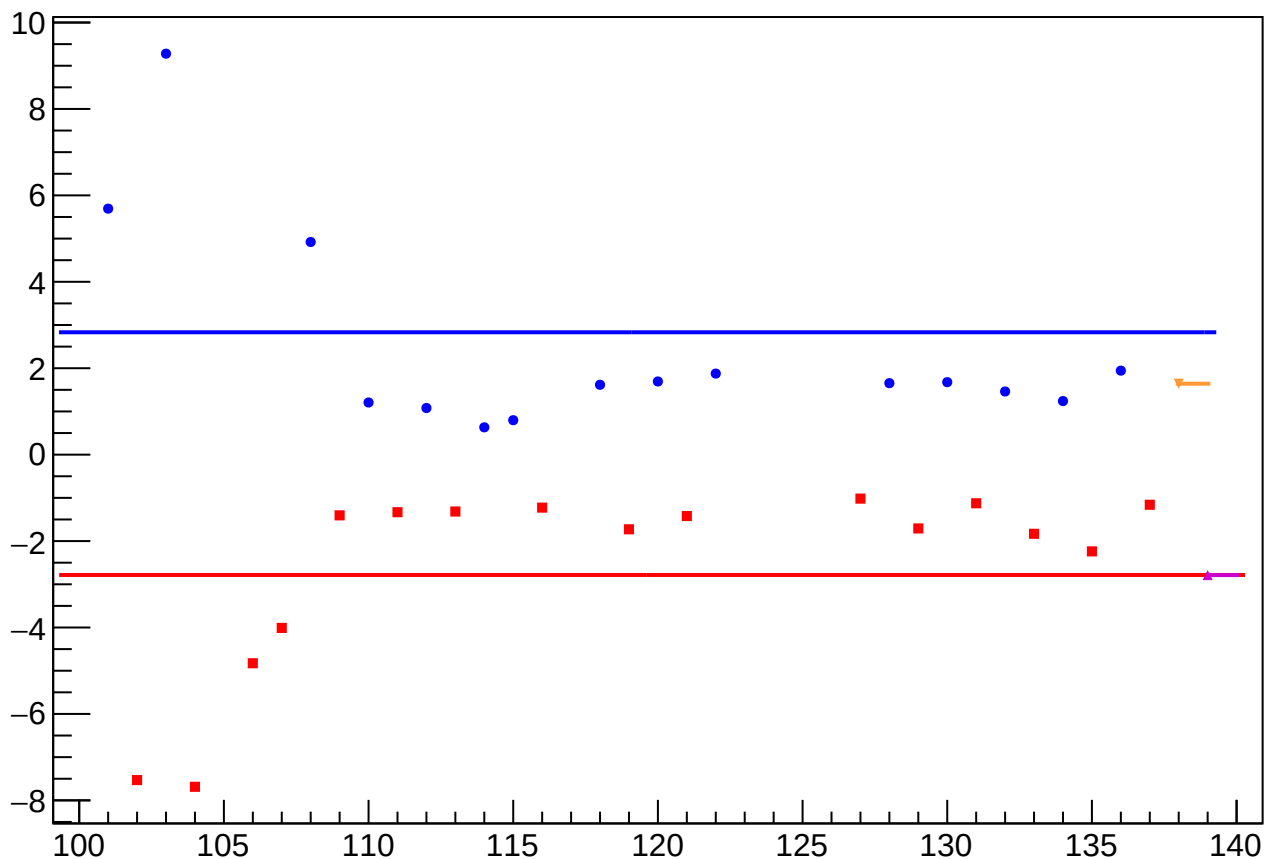
-987.532+/-0.000 χ^2/NDF : 7312336526238823

dit_4eX_coil3_mean vs Slug, Sign Corrected



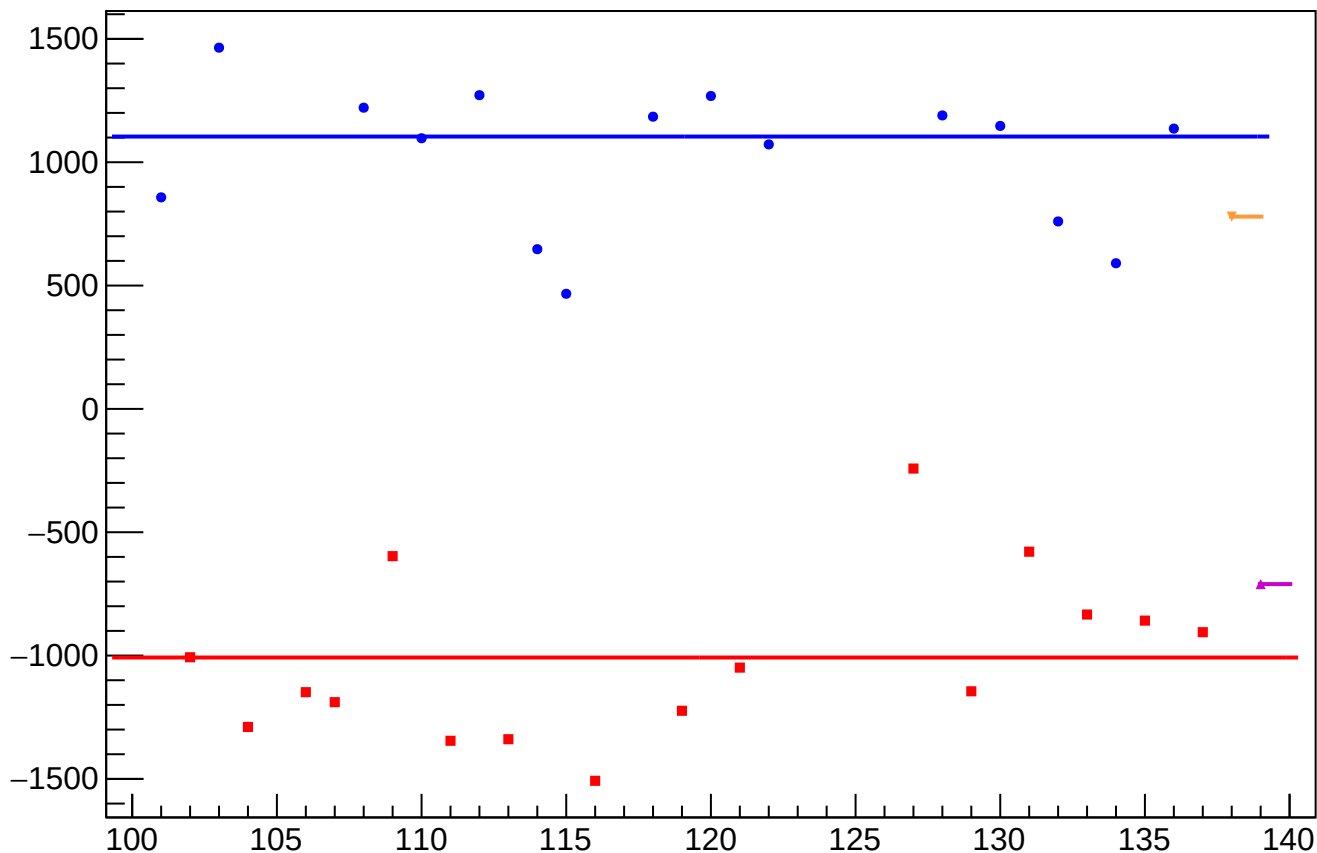
Right In: -43.289 +/- 0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -53.539 +/- 0.000 χ^2/NDF : 0.0/0
 Right Out: 37.832 +/- 0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: 69.050 +/- 0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.832+/-0.000	χ^2/NDF : 3957672531929017328512564323155968.0/14	2.704+/-0.000	χ^2/NDF : 4056276408680907732
Left Out: 1.642+/-0.000	χ^2/NDF : 0.0/0	-0.019+/-0.000	χ^2/NDF : 18512282276273
Right Out: -2.784+/-0.000	χ^2/NDF : 3589544956108116898091236897849344.0/15	-2.784+/-0.000	χ^2/NDF : 358954529638917446
Left In: -2.787+/-0.000	χ^2/NDF : 0.0/0		

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

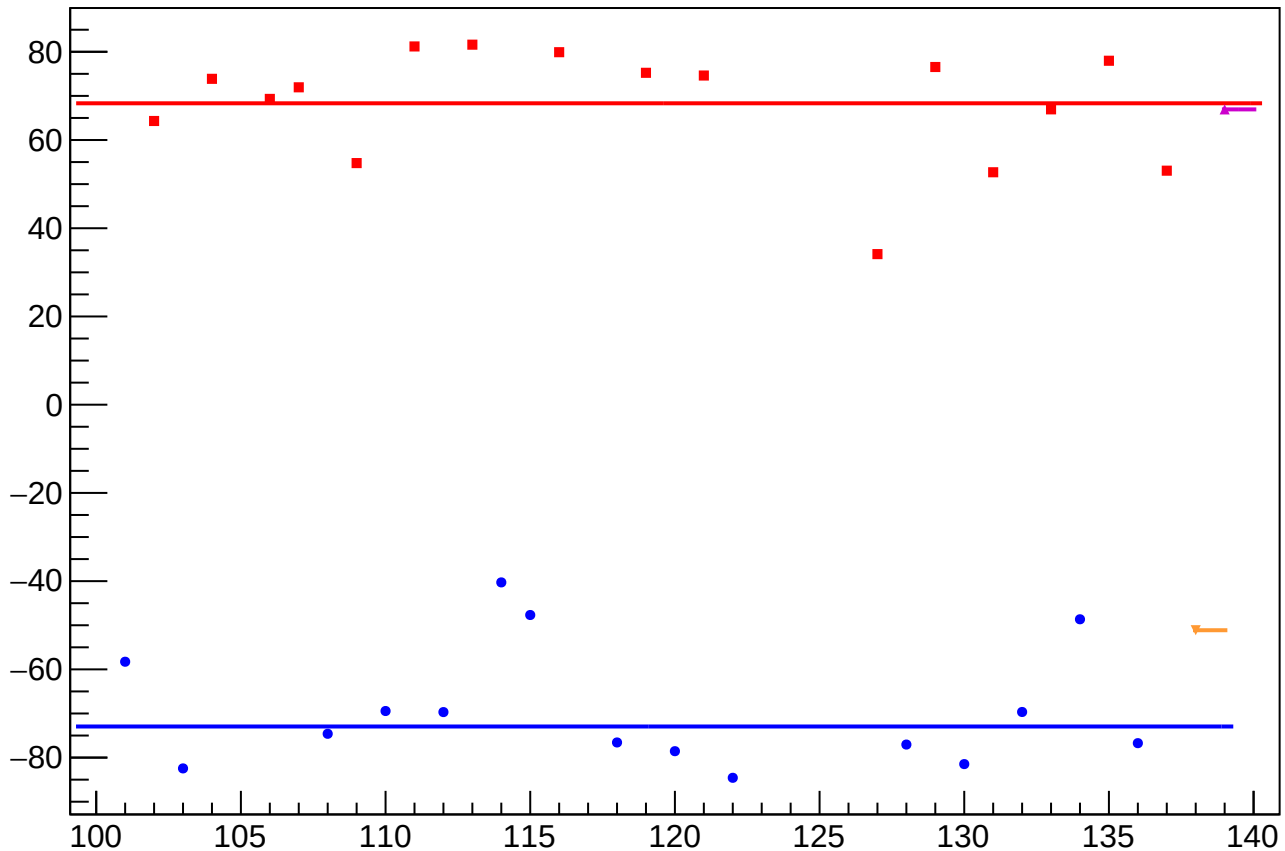
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

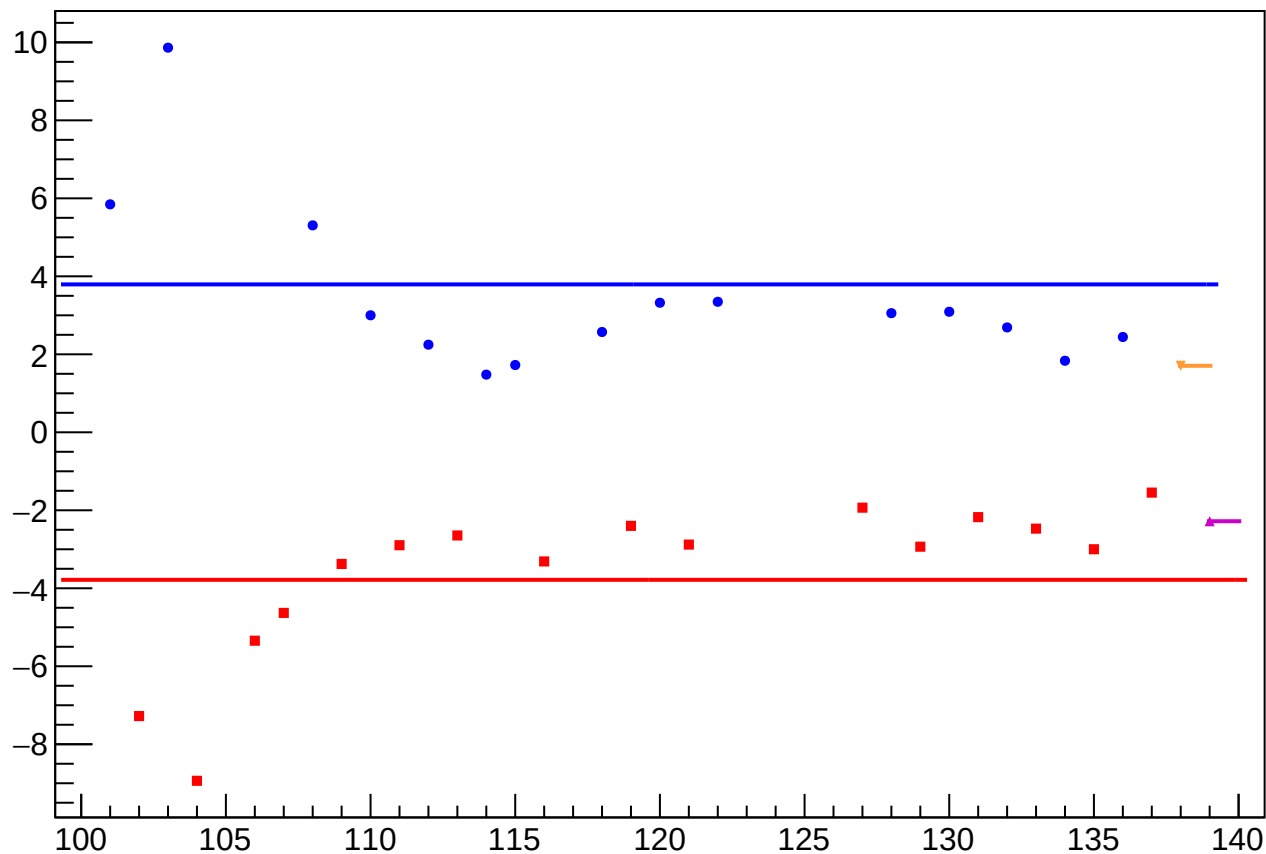
-987.532+/-0.000 χ^2/NDF : 7312336526238823

dit_11X12X_coil3_mean vs Slug, Sign Corrected



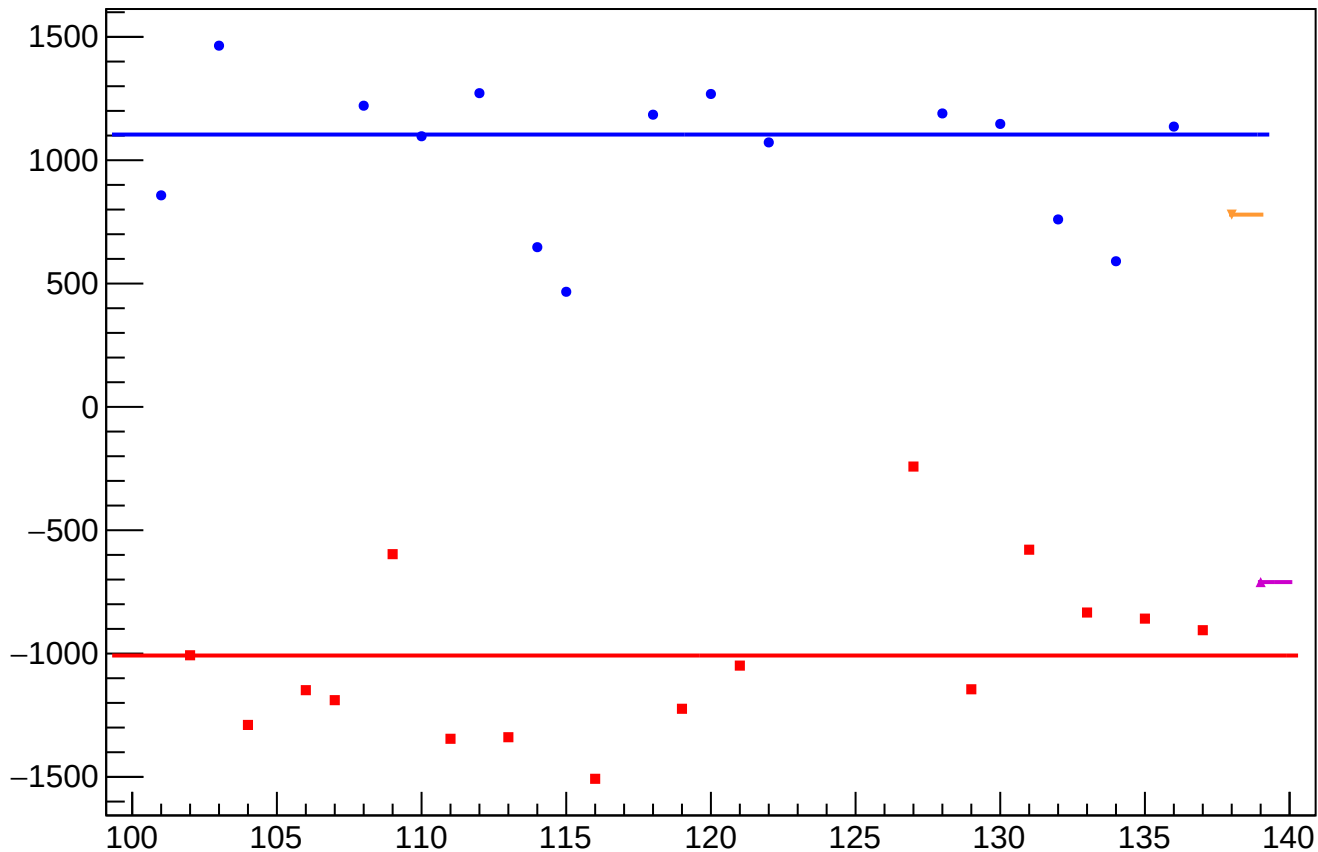
Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -51.128+/-0.000 χ^2/NDF : 3938.0/0
 Right Out: 68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15
 Left In: 66.941+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 3.793 $\pm$ 0.000 χ^2 /NDF: 3205389242726129619796290810413056.0/14
 Left Out: 1.705 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -3.783 $\pm$ 0.000 χ^2 /NDF: 2878586622192676654452338755371008.0/15
 Left In: -2.281 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_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

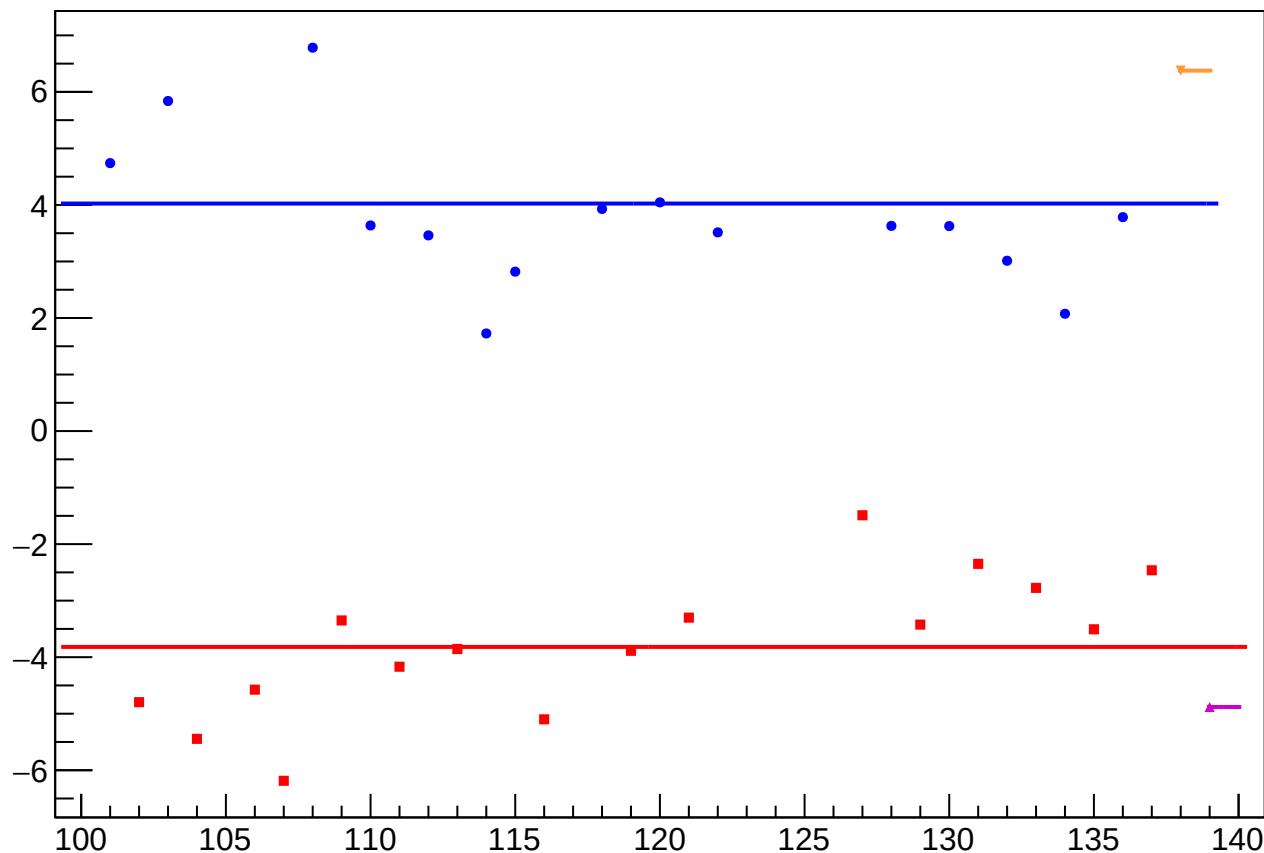
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

-987.532+/-0.000 χ^2/NDF : 7312336526238823

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

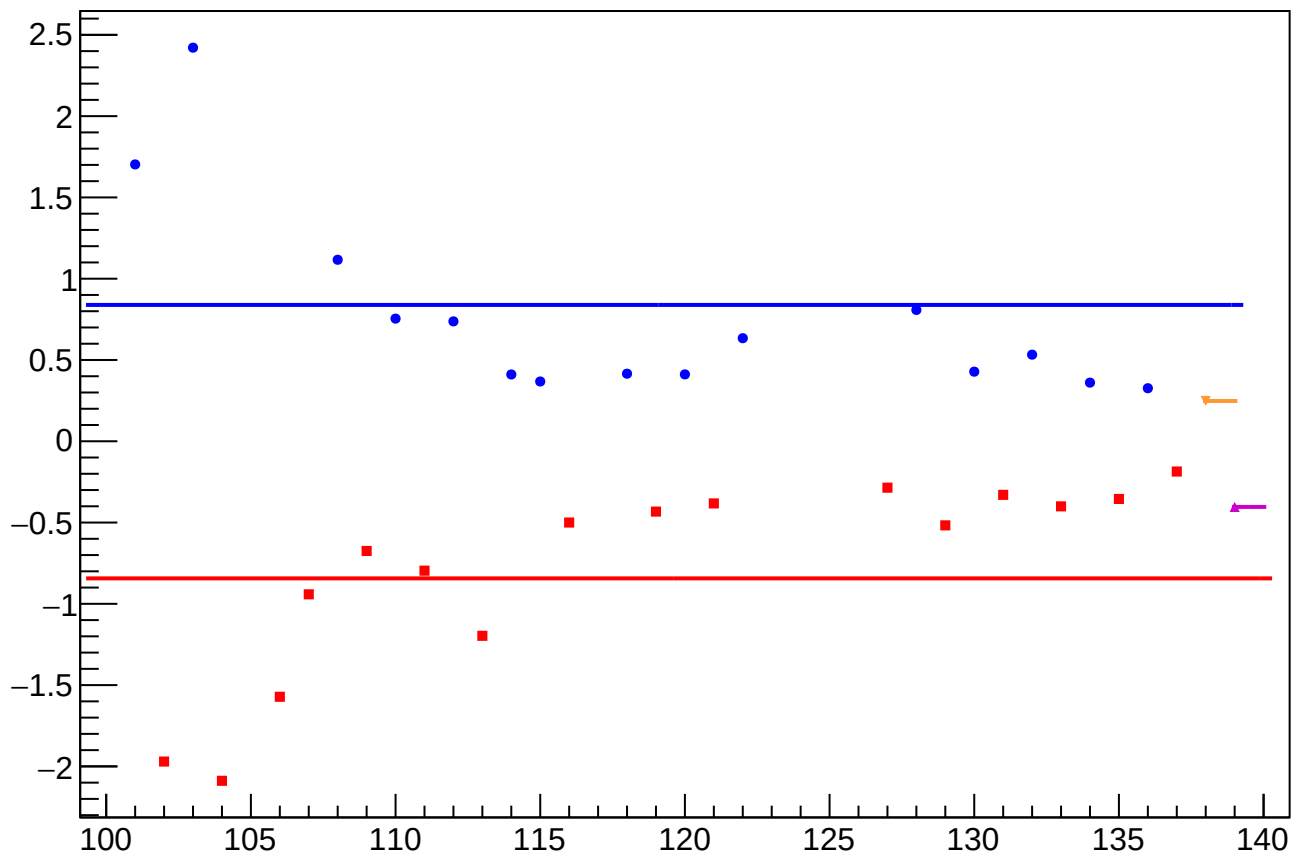
Left In: -4.881+/-0.000 χ^2/NDF : 0.0/0

4.277+/-0.000 χ^2/NDF : 1154118029481919774

0.224+/-0.000 χ^2/NDF : 26162297071191

-3.891+/-0.000 χ^2/NDF : 939735092670079215

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

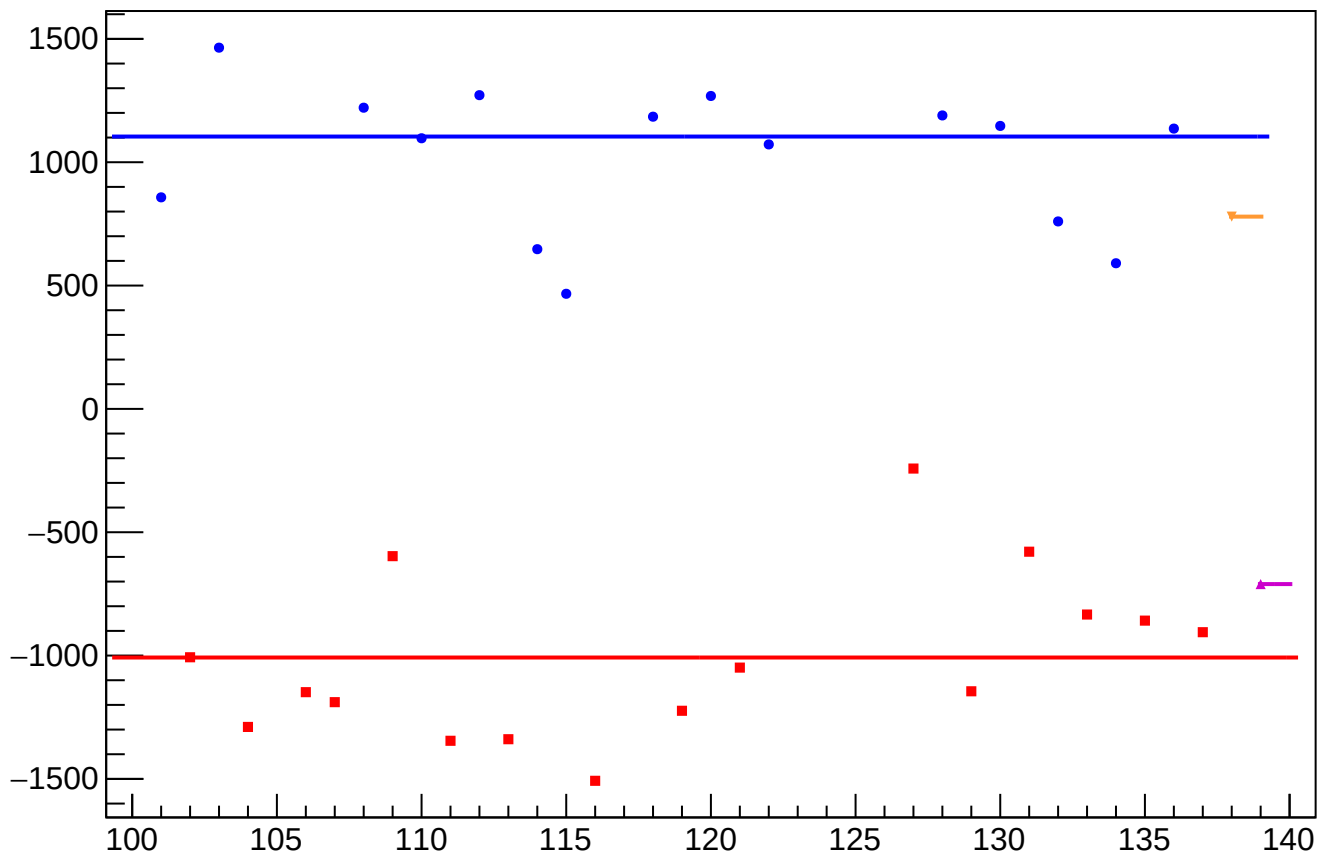
Left In: -0.404 ± 0.000 χ^2/NDF : 0.0/0

0.775 ± 0.000 χ^2/NDF : 2827279937594498900

-0.013 ± 0.000 χ^2/NDF : 1454999767583

-0.813 ± 0.000 χ^2/NDF : 261740476548437919

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

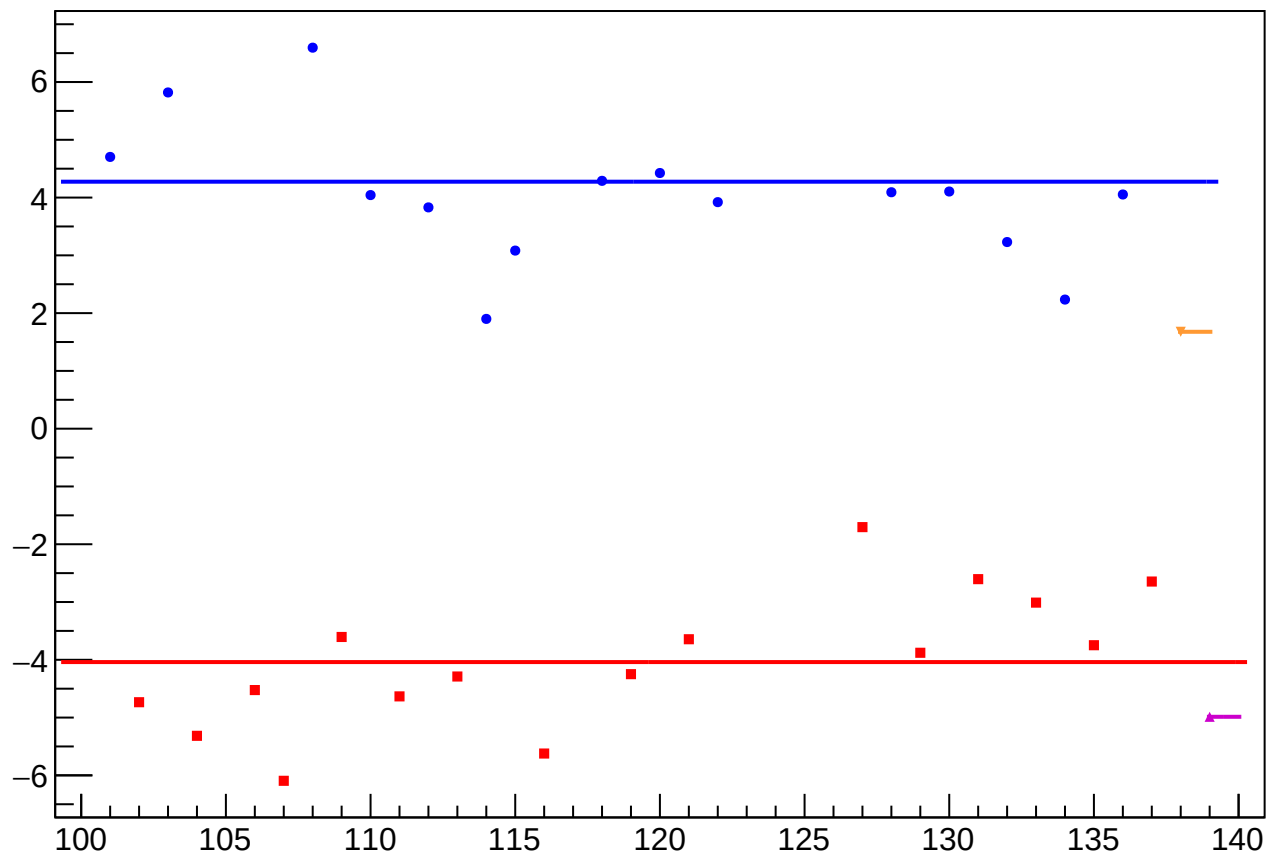
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

-987.532+/-0.000 χ^2/NDF : 7312336526238823

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

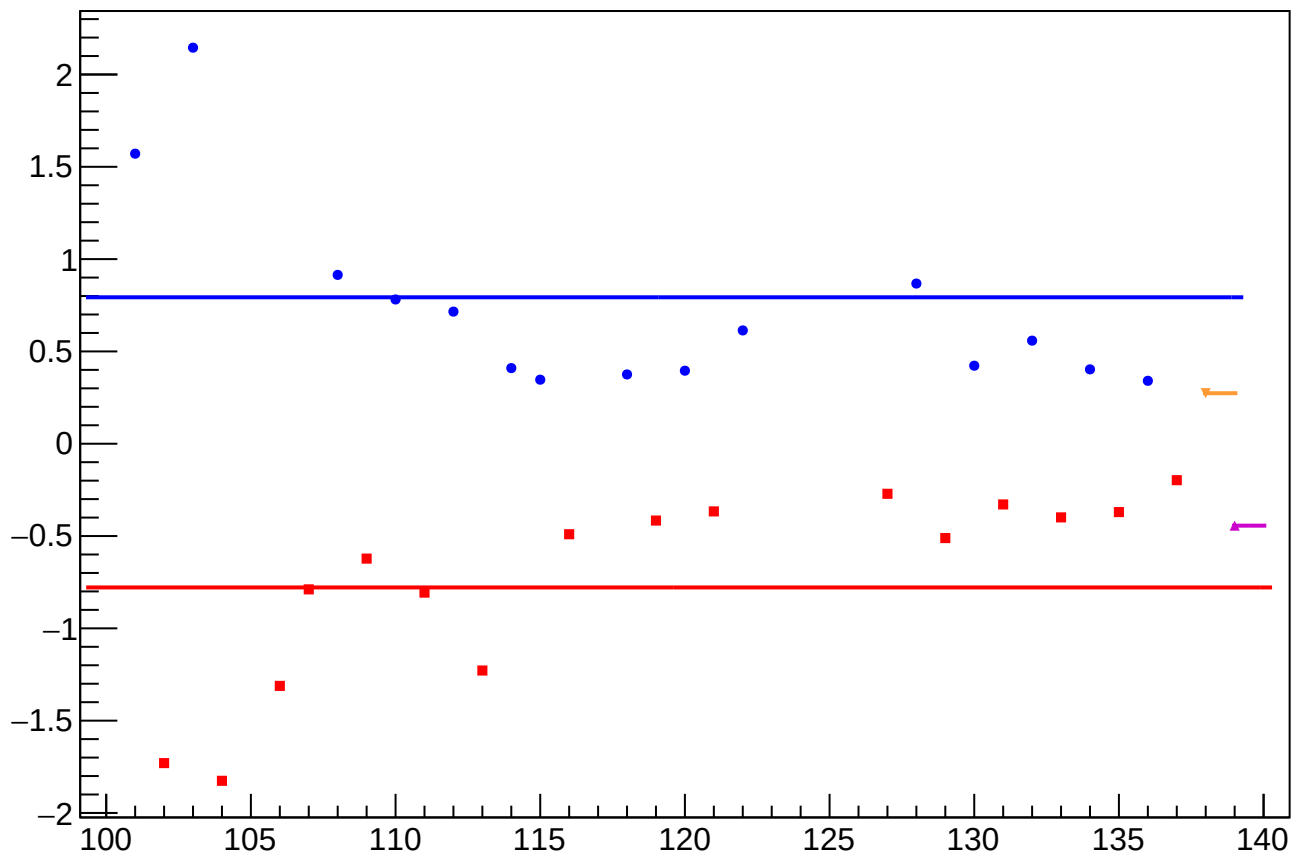
Left In: -4.987+/-0.000 χ^2/NDF : 0.0/0

3.996+/-0.000 χ^2/NDF : 1067108302466011068

-0.023+/-0.000 χ^2/NDF : 2554996675583

-4.104+/-0.000 χ^2/NDF : 813309968650631076

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

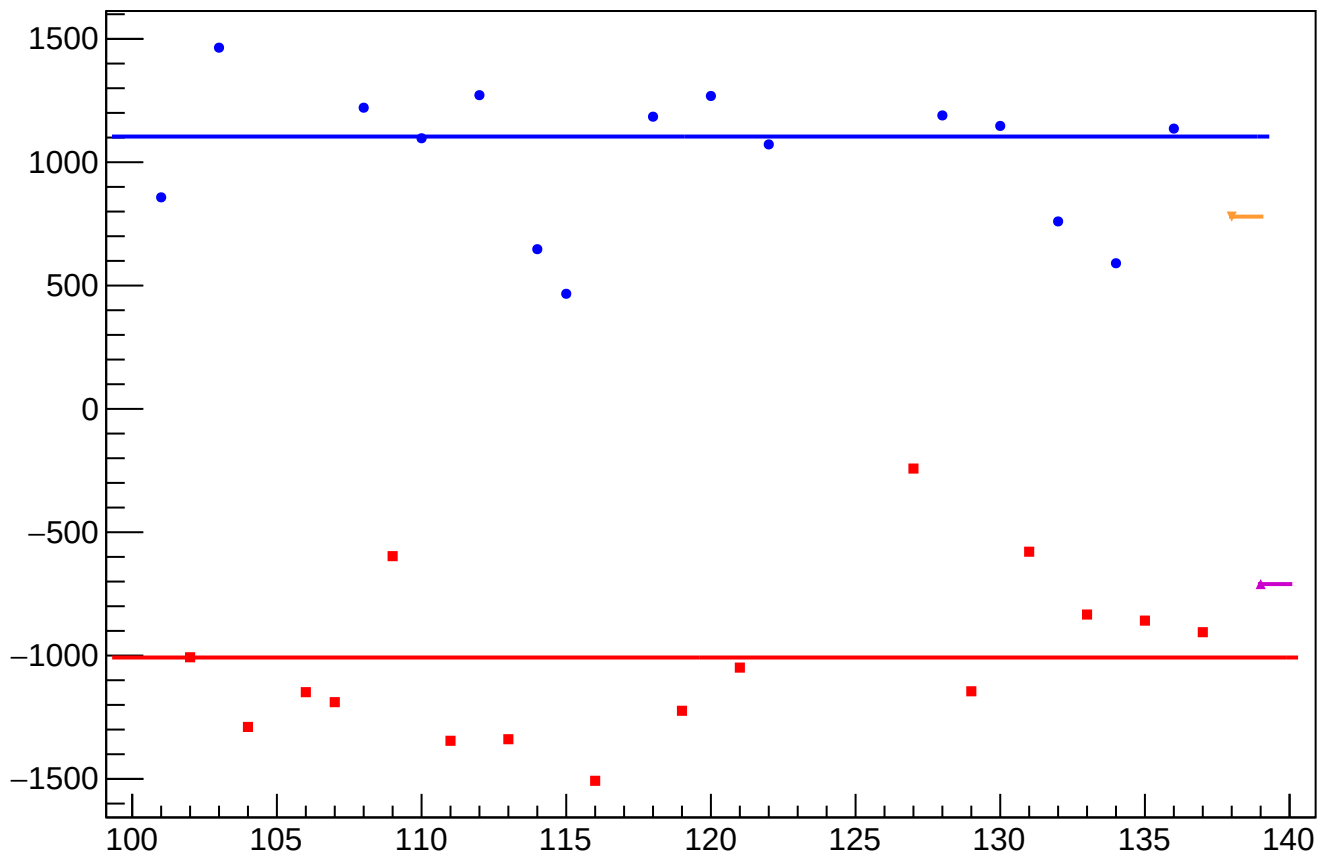
Left In: -0.444 ± 0.000 χ^2/NDF : 0.0/0

0.737 ± 0.000 χ^2/NDF : 2143061697390176771

-0.003 ± 0.000 χ^2/NDF : 1209328783378

-0.756 ± 0.000 χ^2/NDF : 190928346497783219

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487 ± 0.000 χ^2/NDF : 1008126.4/0

Right Out: -1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

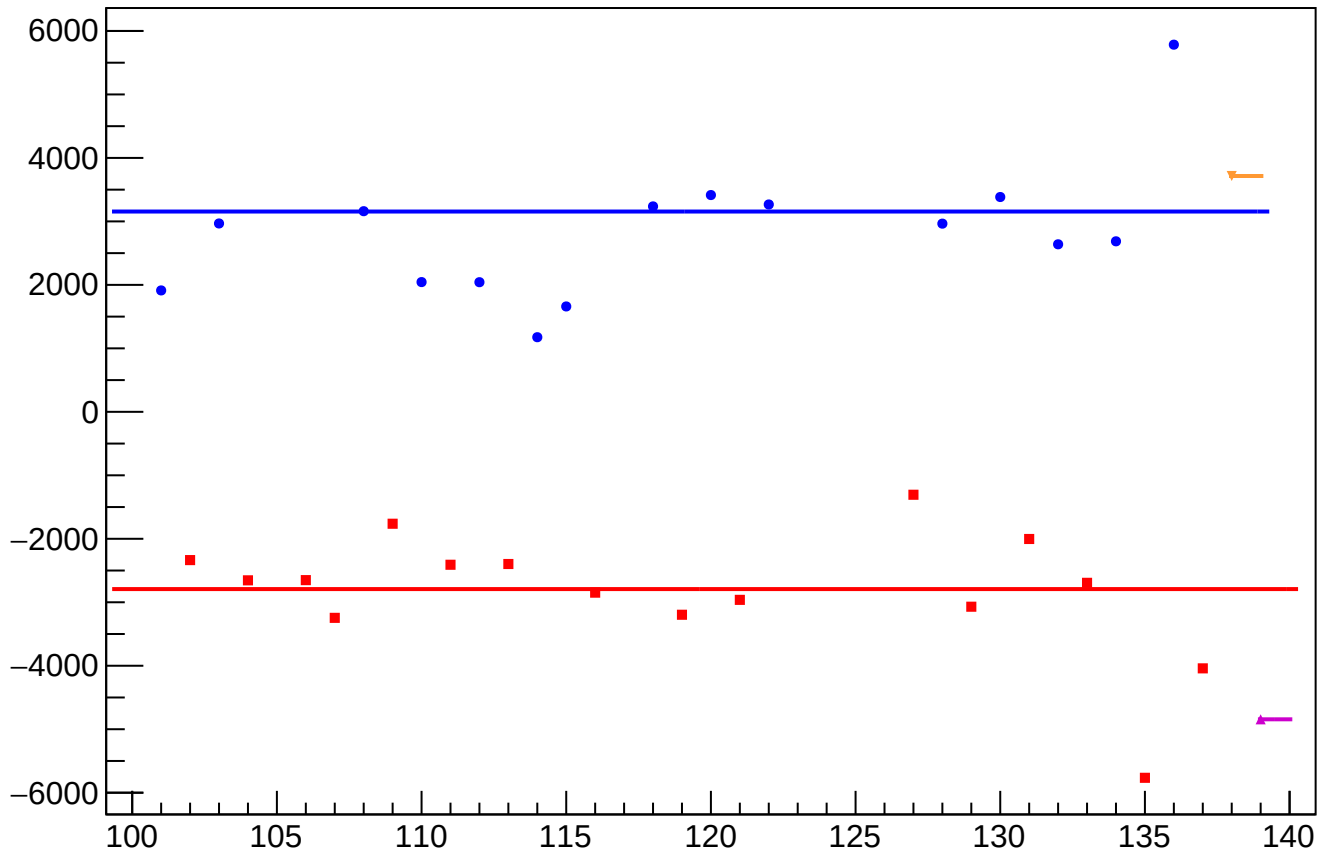
Left In: -710.204 ± 0.000 χ^2/NDF : 0.0/0

1069.282 ± 0.000 χ^2/NDF : 4007563528602908

48.714 ± 0.000 χ^2/NDF : 1639257511460

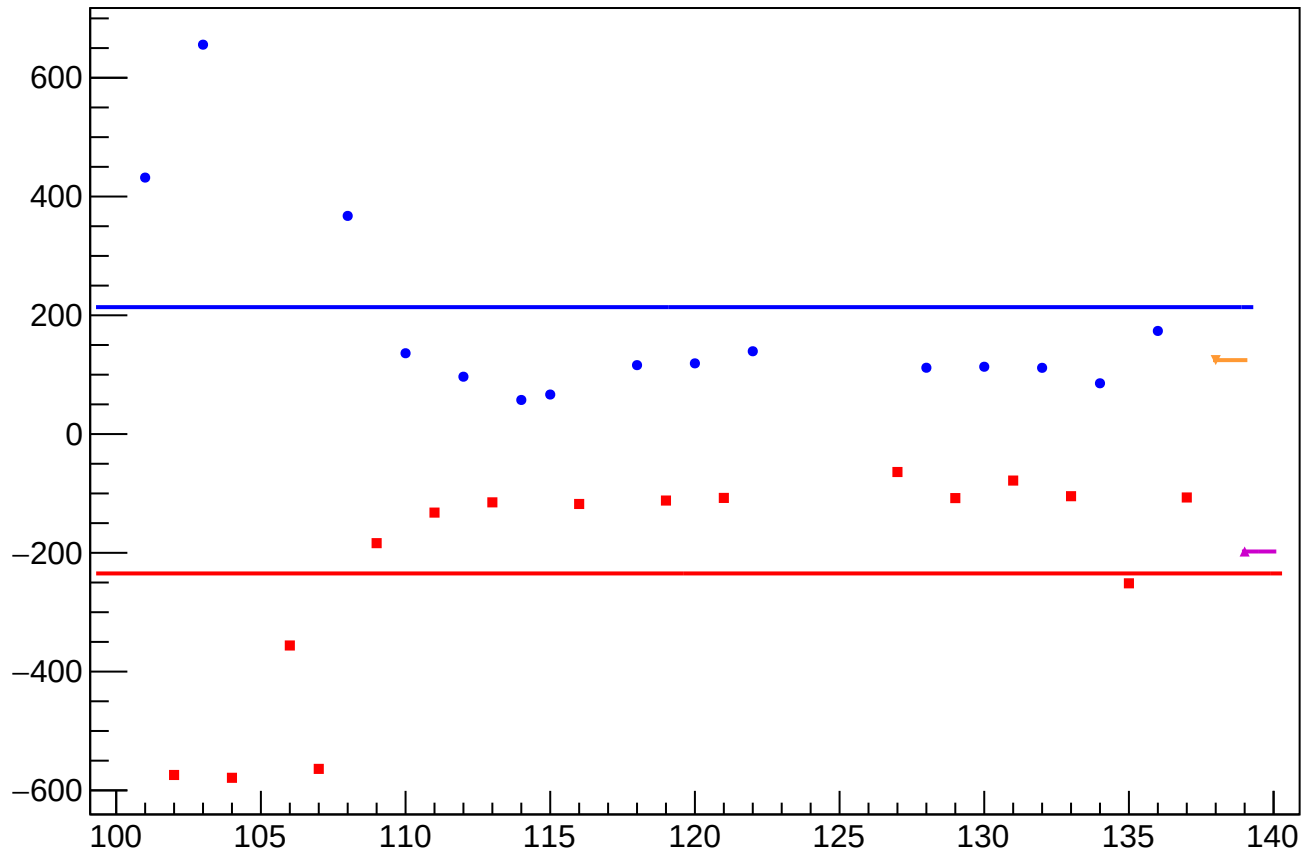
-987.532 ± 0.000 χ^2/NDF : 7312336526238823

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: -4843.950+/-0.000 χ^2/NDF : 0.0/0

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

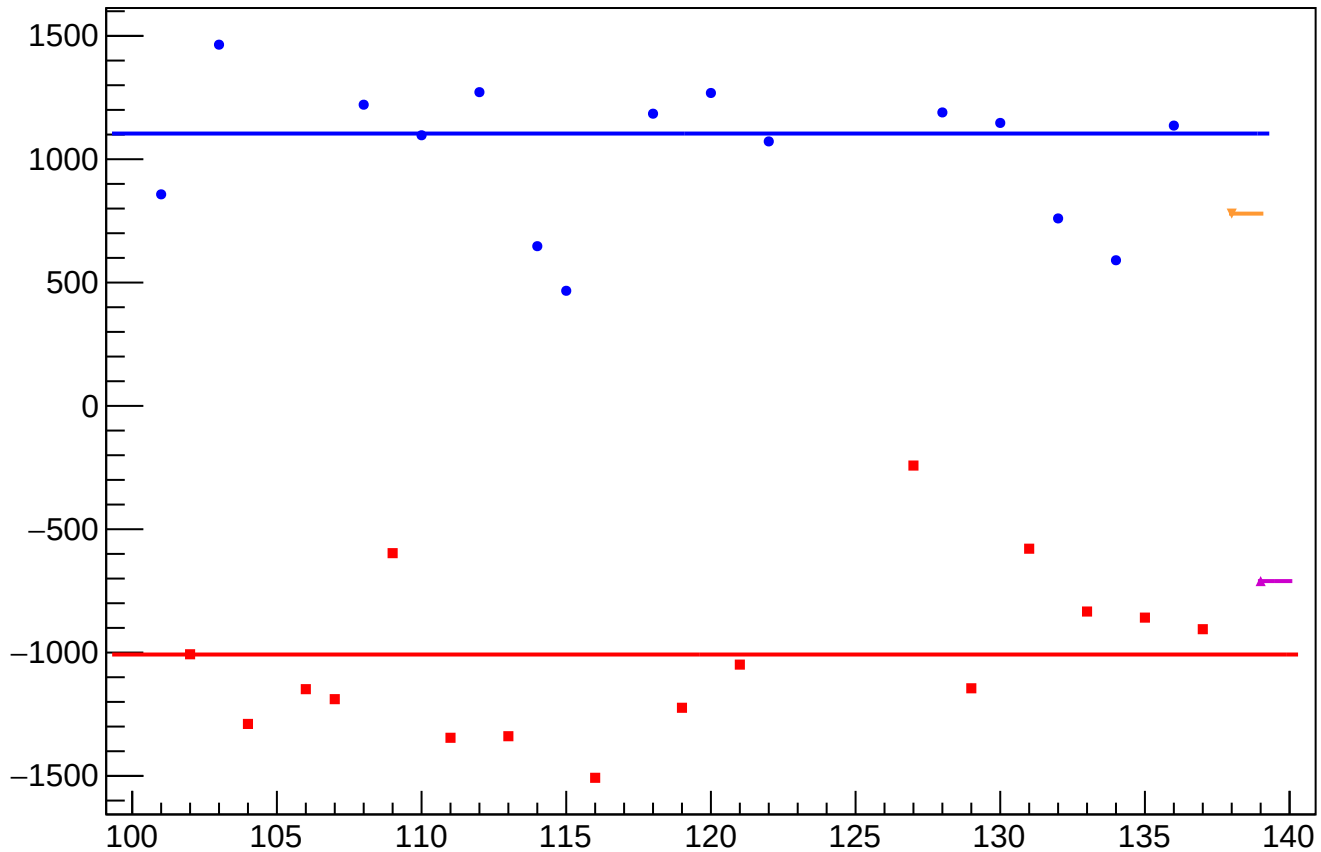
Left In: -197.756+/-0.000 χ^2/NDF : 39581.9/0

204.165+/-0.000 χ^2/NDF : 20272567455728640

-12.346+/-0.000 χ^2/NDF : 1130308784820

-232.183+/-0.000 χ^2/NDF : 2407547755886133

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

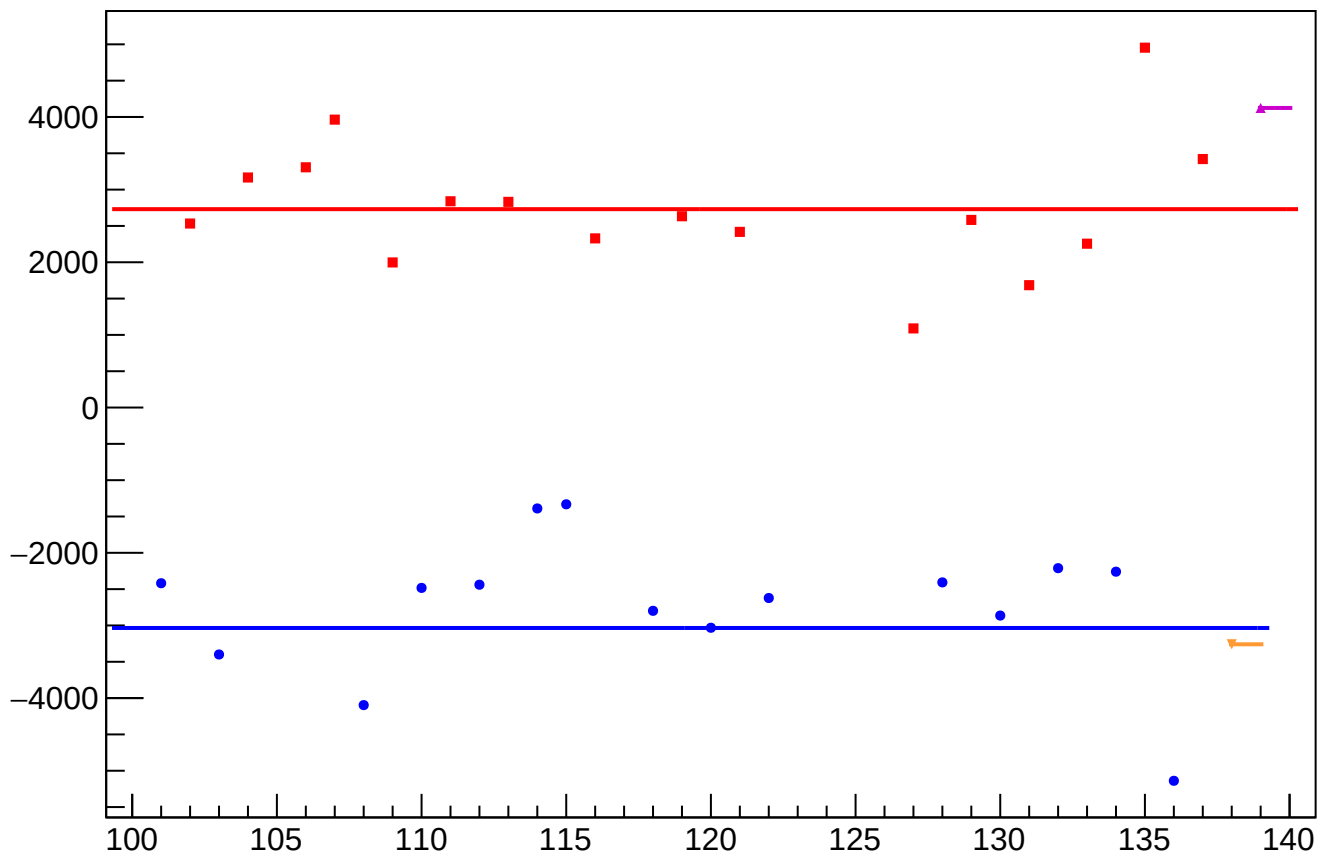
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

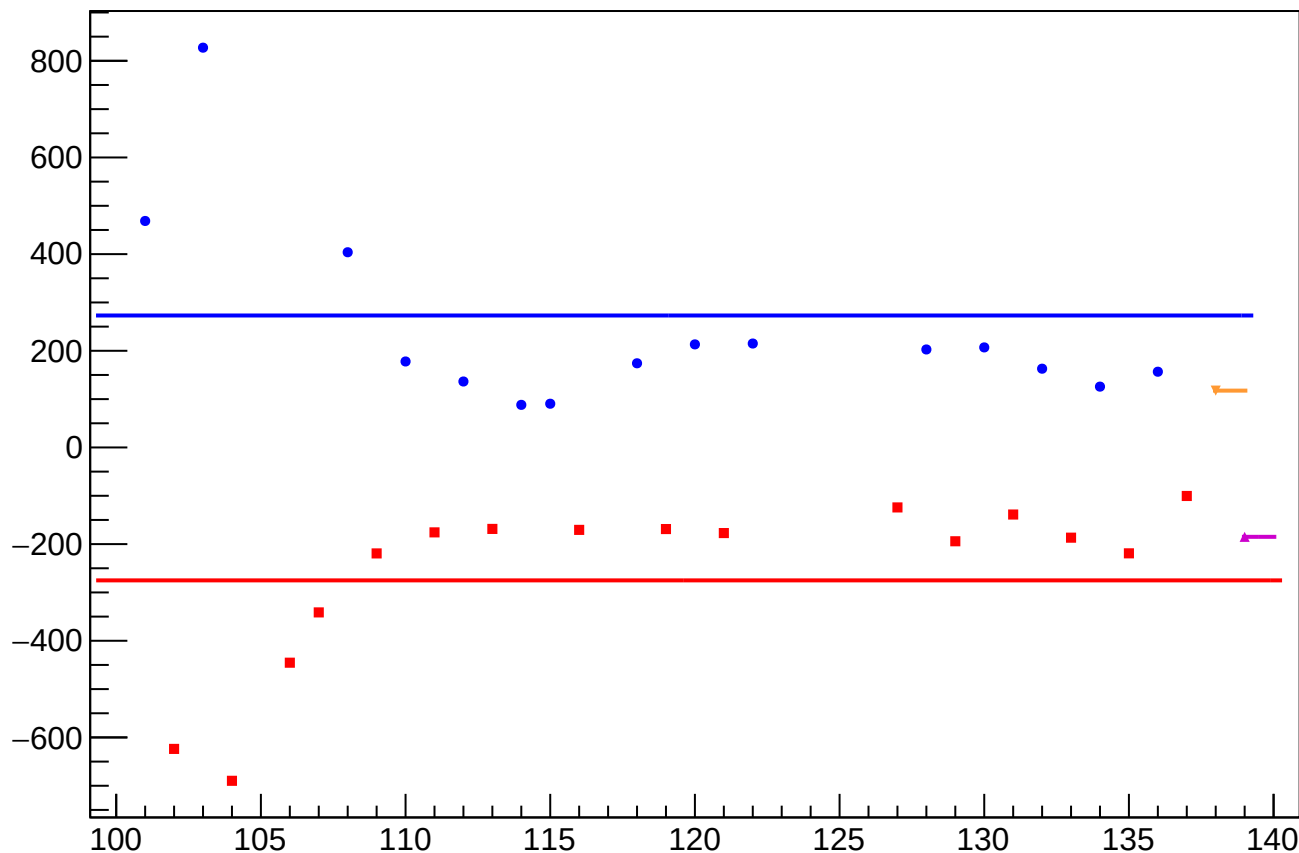
-987.532+/-0.000 χ^2/NDF : 7312336526238823

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -3259.120+/-0.000 χ^2/NDF : 16130021.9/0
 Right Out: 2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: 4124.180+/-0.000 χ^2/NDF : 0.0/0

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

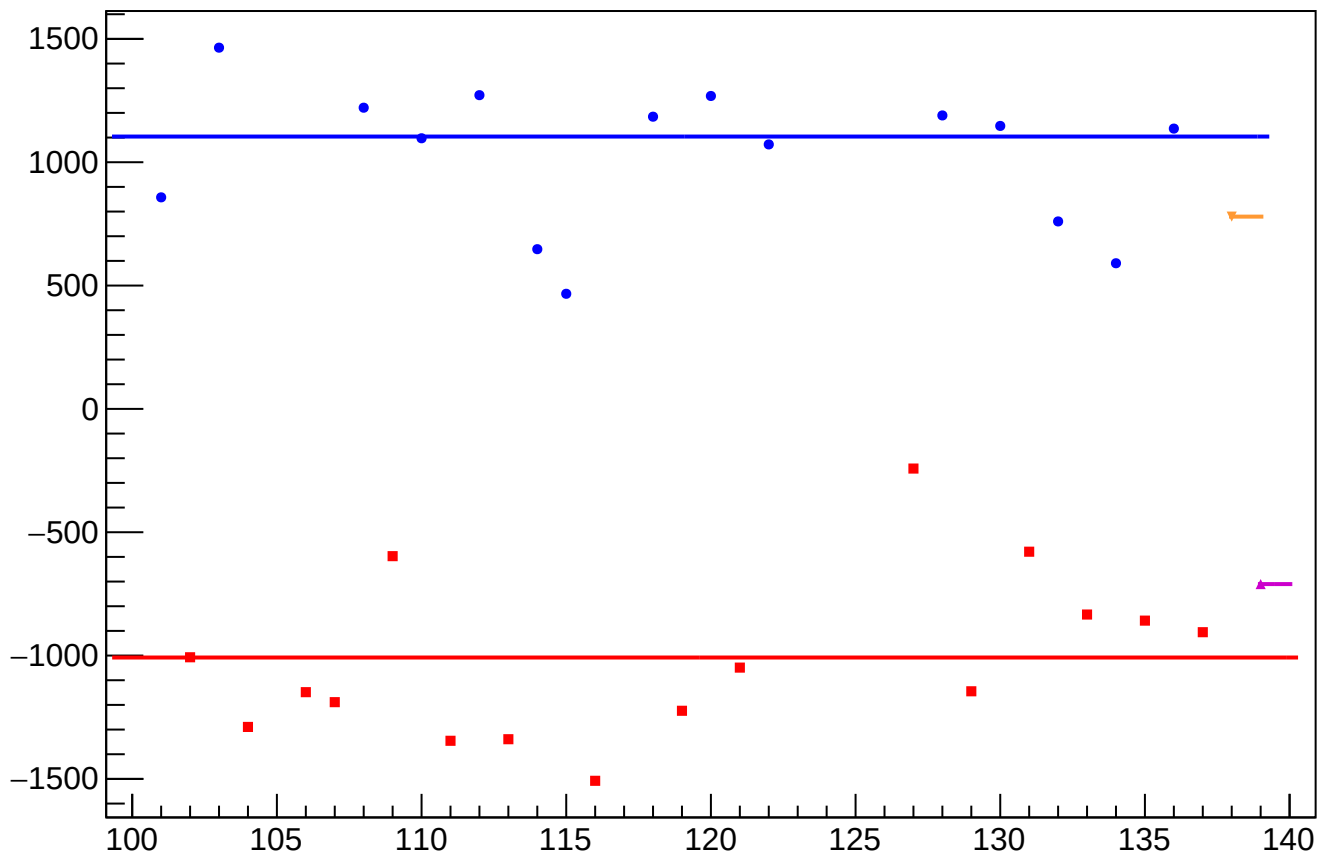
Left In: -184.938+/-0.000 χ^2/NDF : 39581.9/0

256.360+/-0.000 χ^2/NDF : 28168593413748777

-4.257+/-0.000 χ^2/NDF : 15031979102690

-268.877+/-0.000 χ^2/NDF : 2263536368787657

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

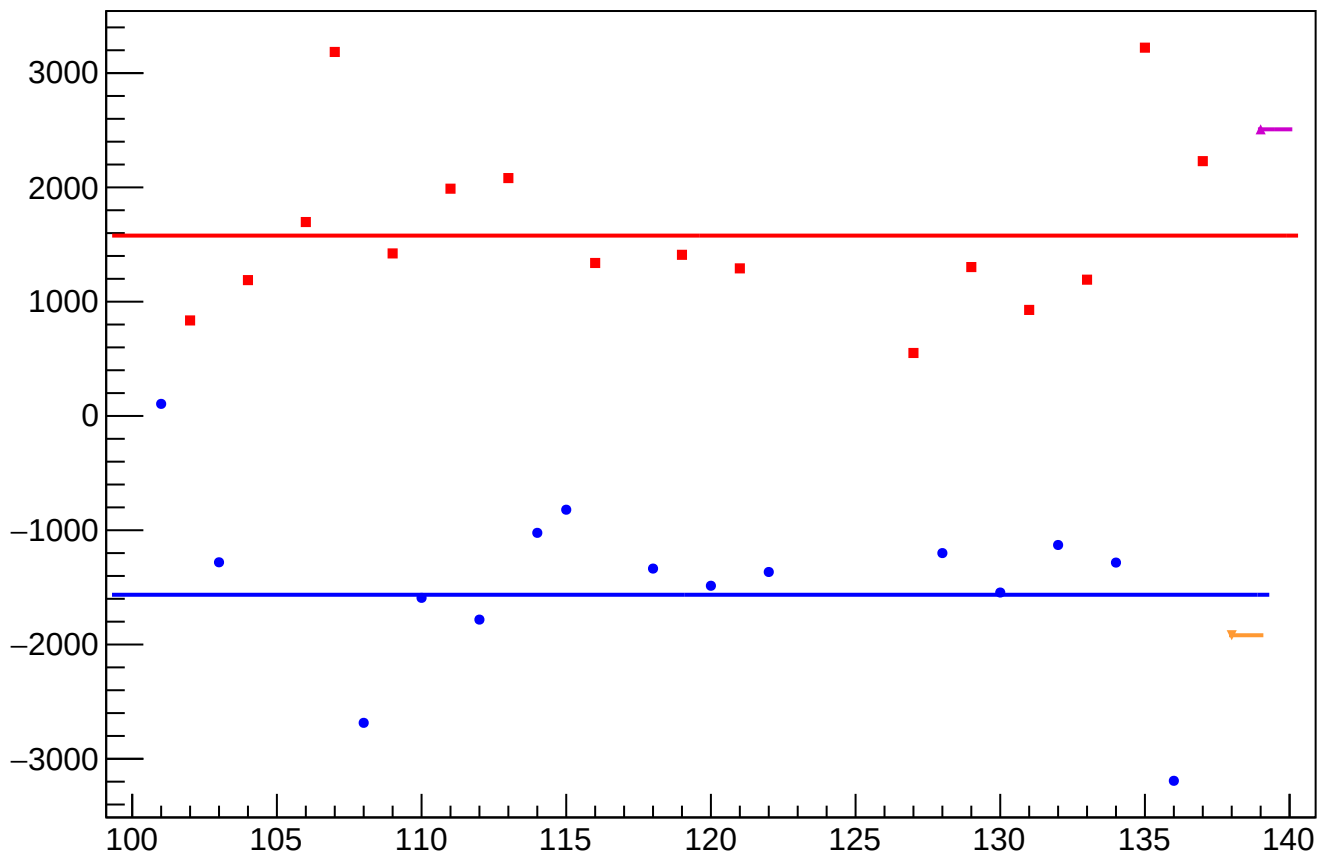
Left In: -710.204 ± 0.000 χ^2/NDF : 0.0/0

1069.282 ± 0.000 χ^2/NDF : 4007563528602908

48.714 ± 0.000 χ^2/NDF : 1639257511460

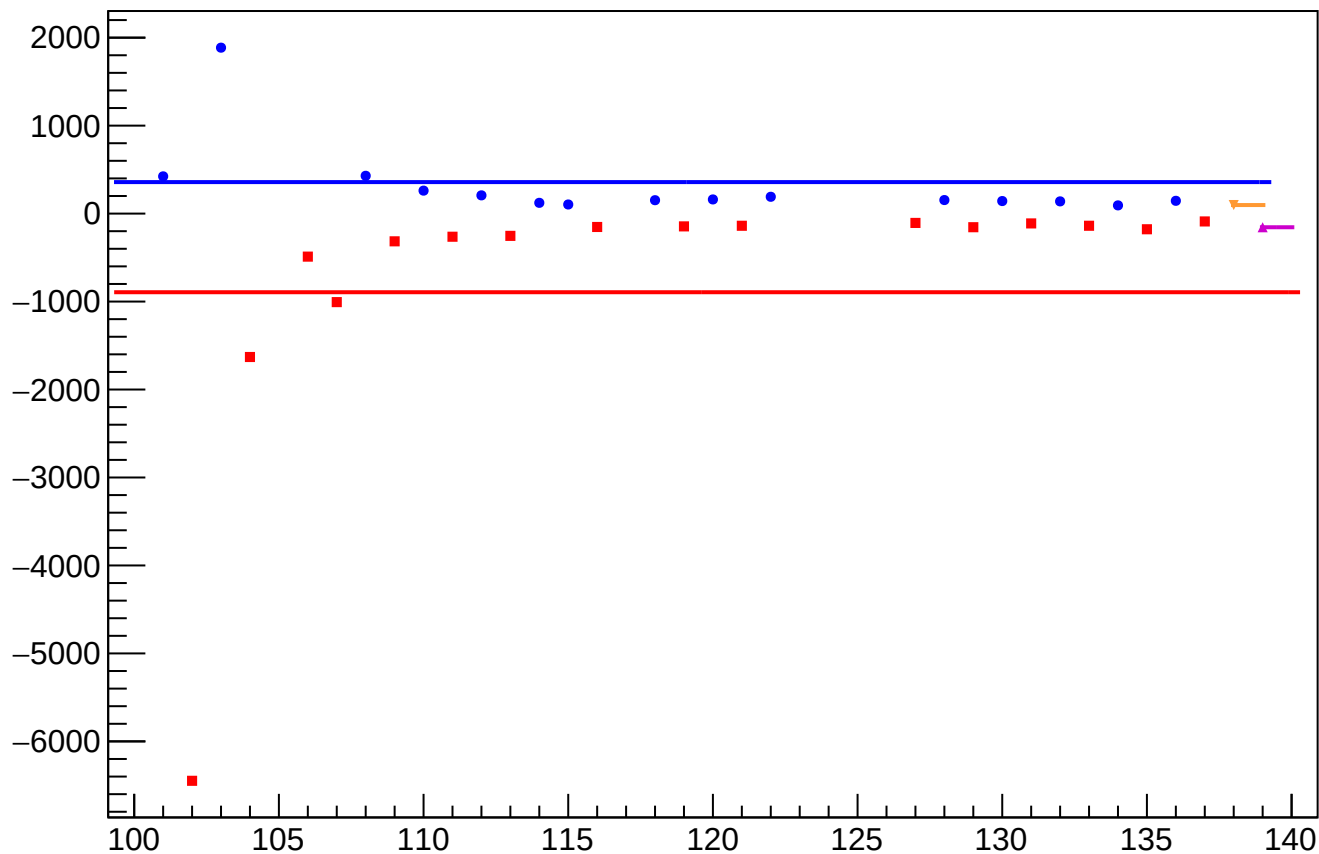
-987.532 ± 0.000 χ^2/NDF : 7312336526238823

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595+/-0.000 χ^2/NDF : 483874800978571042578975757029039144960.0/14
 Left Out: -1918.801+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1578.178+/-0.000 χ^2/NDF : 368450572556217564071963203581098590208.0/15
 Left In: 2508.041+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 358.080 $\pm$ 0.000 χ^2 /NDF: 157922789145697858165644452090202816512.0/14

Left Out: 97.181 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -893.897 $\pm$ 0.000 χ^2 /NDF: 2075920155774201043572695656797803905024.0/15

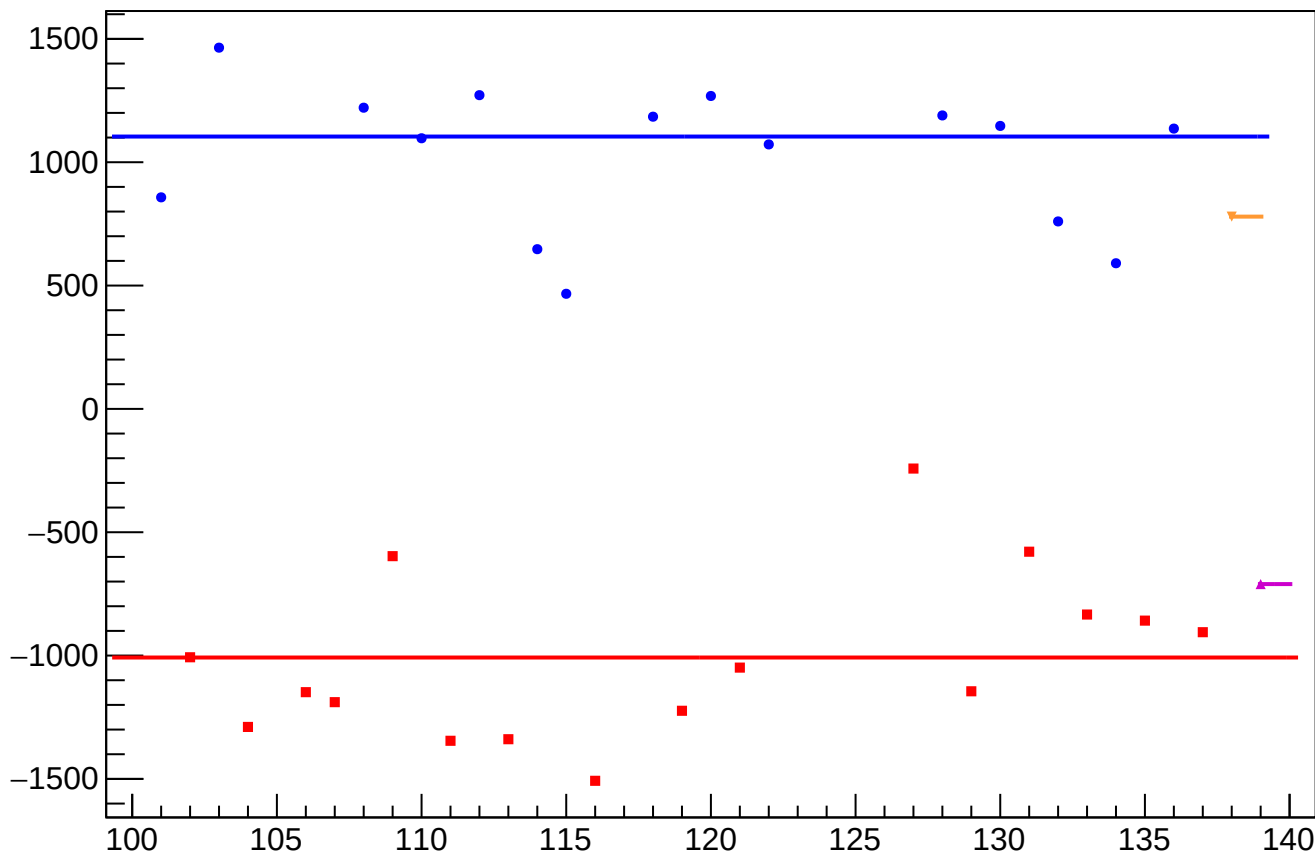
Left In: -155.247 $\pm$ 0.000 χ^2 /NDF: 0.0/0

330.088 $\pm$ 0.000 χ^2 /NDF: 16266248825882820

-252.157 $\pm$ 0.000 χ^2 /NDF: 27601931942

-843.347 $\pm$ 0.000 χ^2 /NDF: 2100825135828117

dit_atl1_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

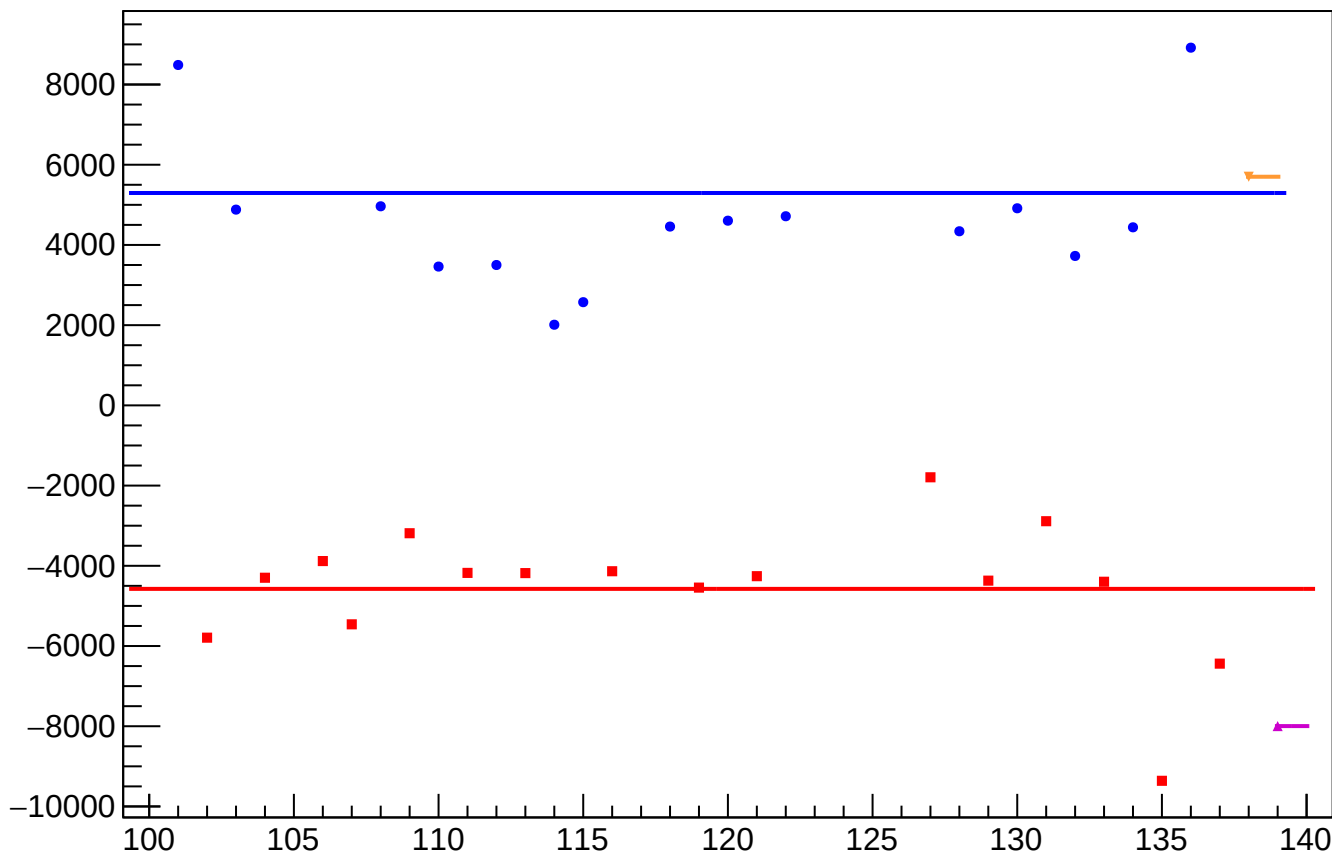
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

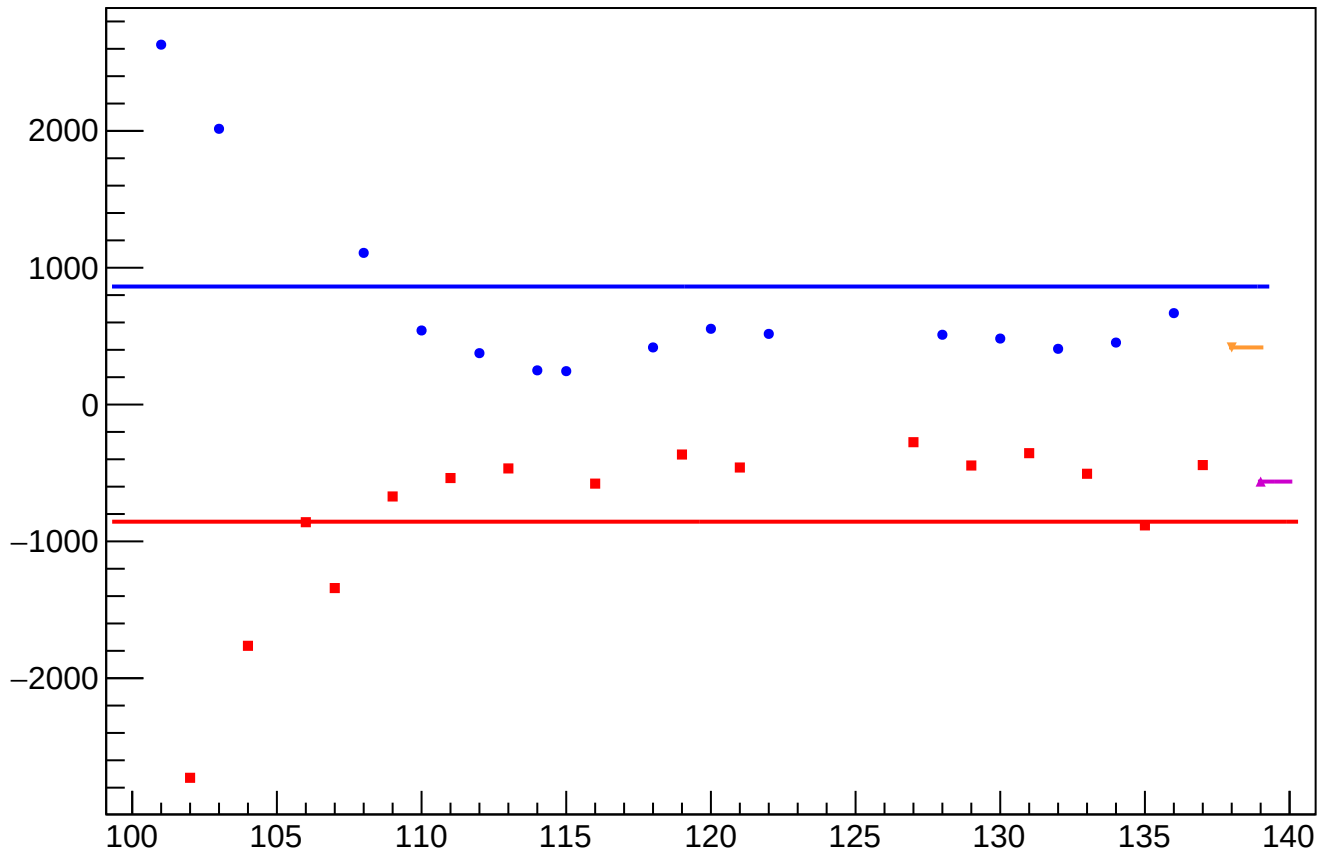
-987.532+/-0.000 χ^2/NDF : 7312336526238823

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 5700.606 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: -7996.422 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

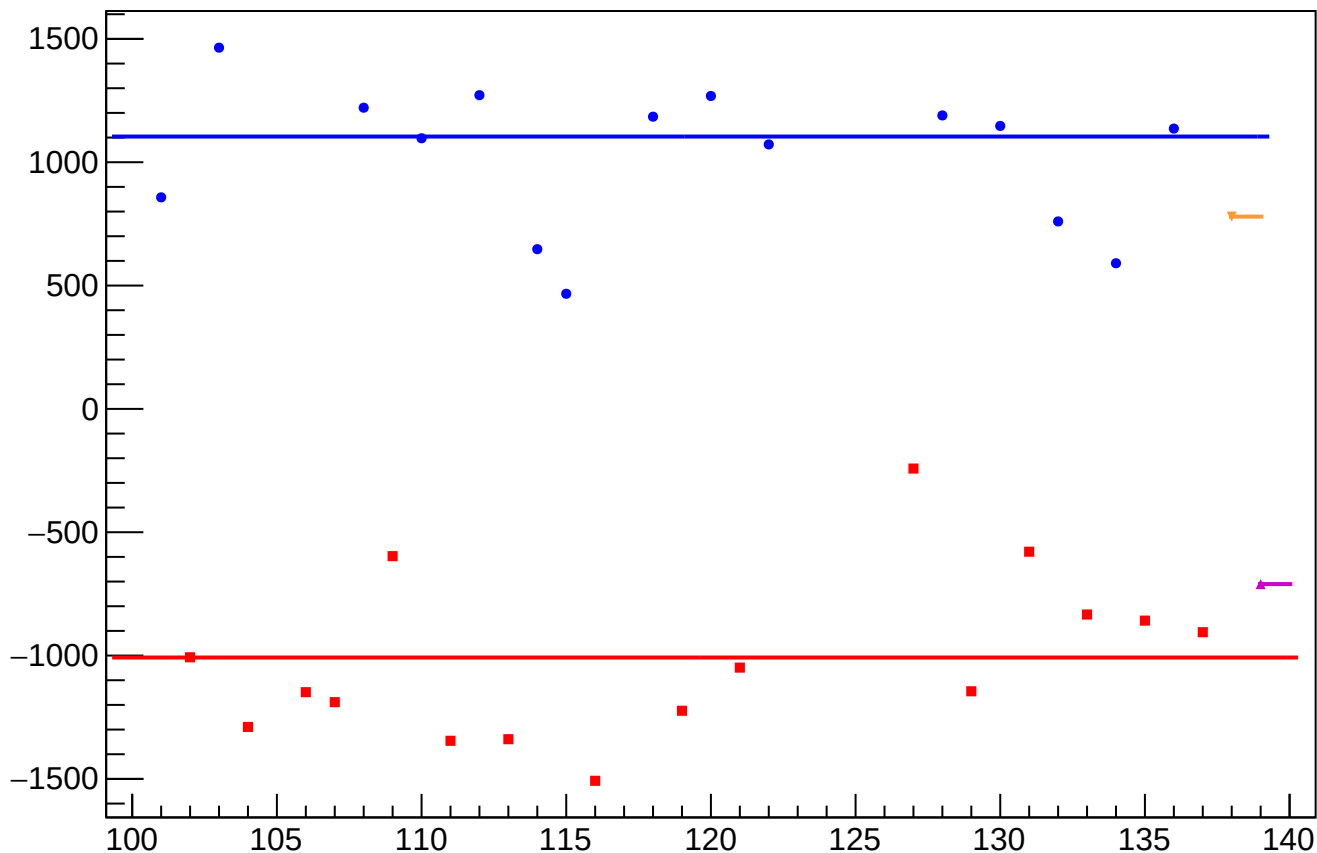
Left In: -562.950+/-0.000 χ^2/NDF : 633310.2/0

814.919+/-0.000 χ^2/NDF : 35148428213644149

-4.248+/-0.000 χ^2/NDF : 16657795600428

-836.000+/-0.000 χ^2/NDF : 3311168446401843

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

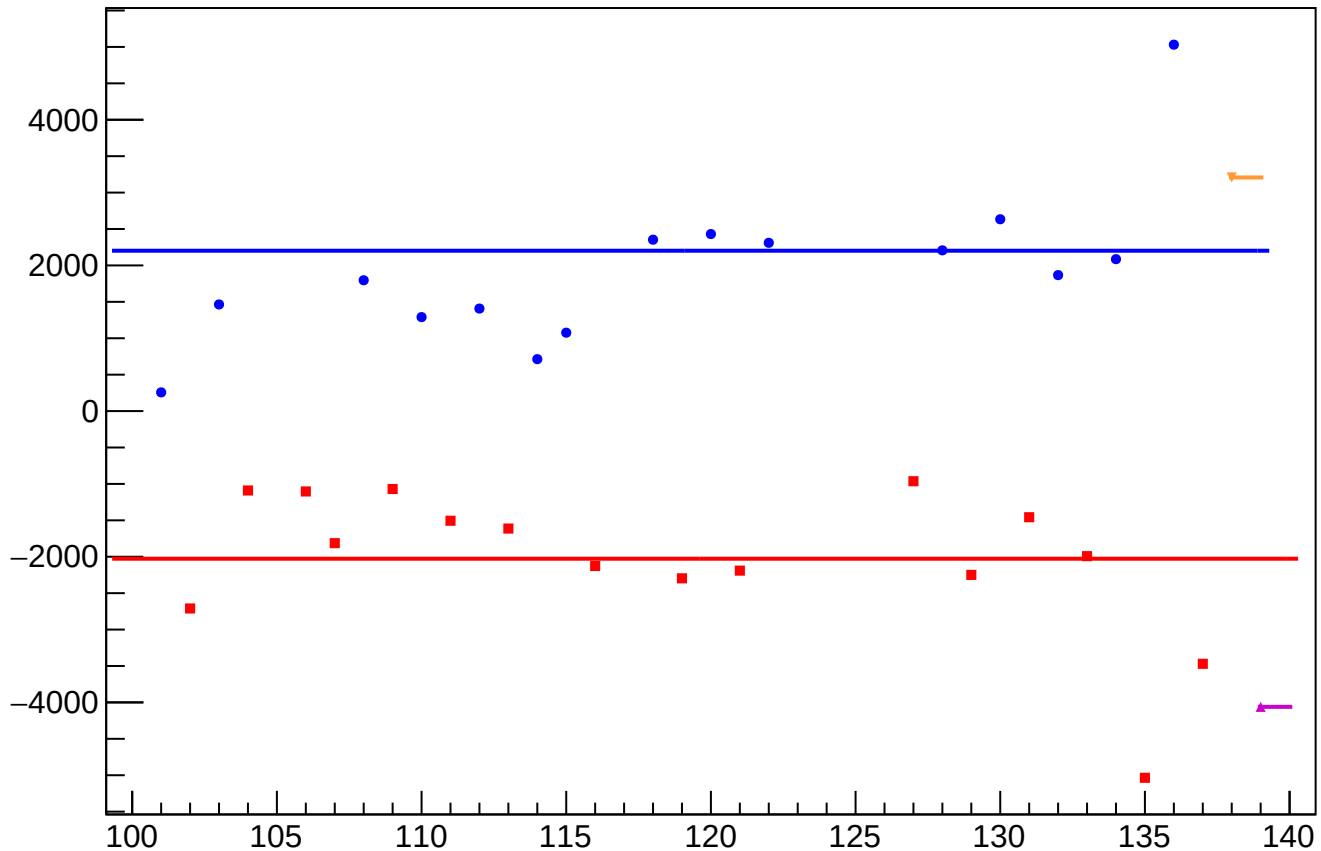
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

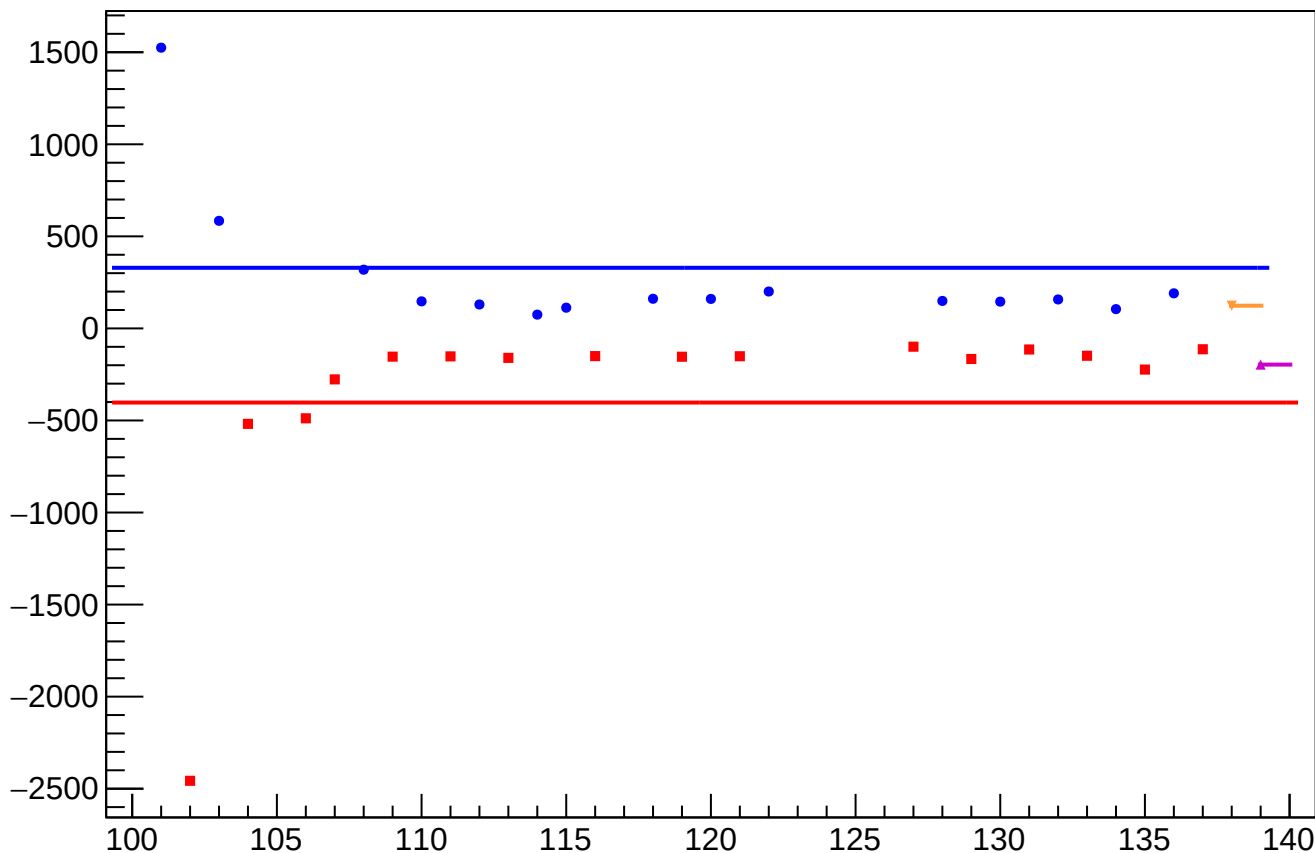
-987.532+/-0.000 χ^2/NDF : 7312336526238823

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: -4061.111+/-0.000 χ^2/NDF : 0.0/0

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

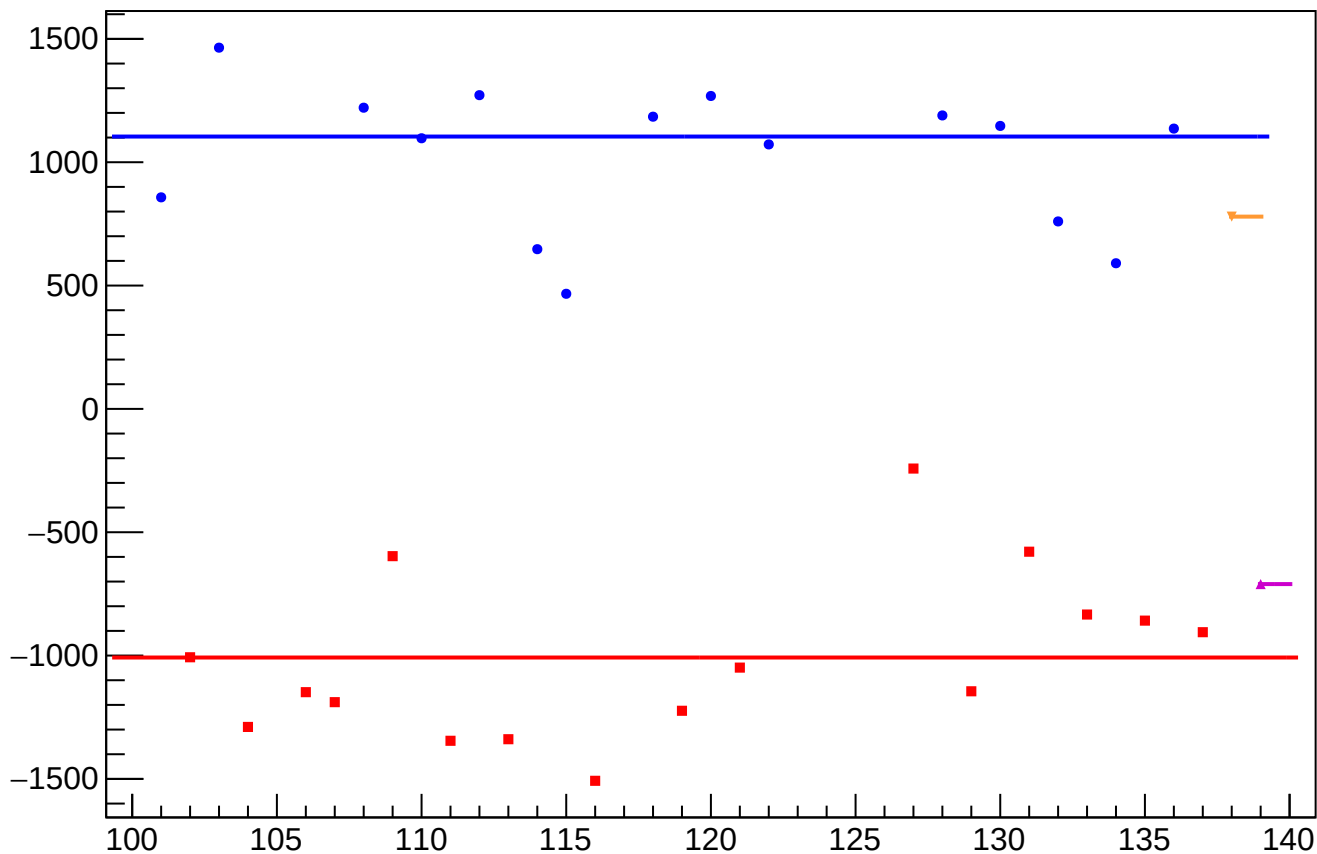
Left In: -196.599+/-0.000 χ^2/NDF : 0.0/0

307.144+/-0.000 χ^2/NDF : 10623554611302741

-38.069+/-0.000 χ^2/NDF : 560417654504

-388.586+/-0.000 χ^2/NDF : 2795748387567708

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487 ± 0.000 χ^2/NDF : 1008126.4/0

Right Out: -1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

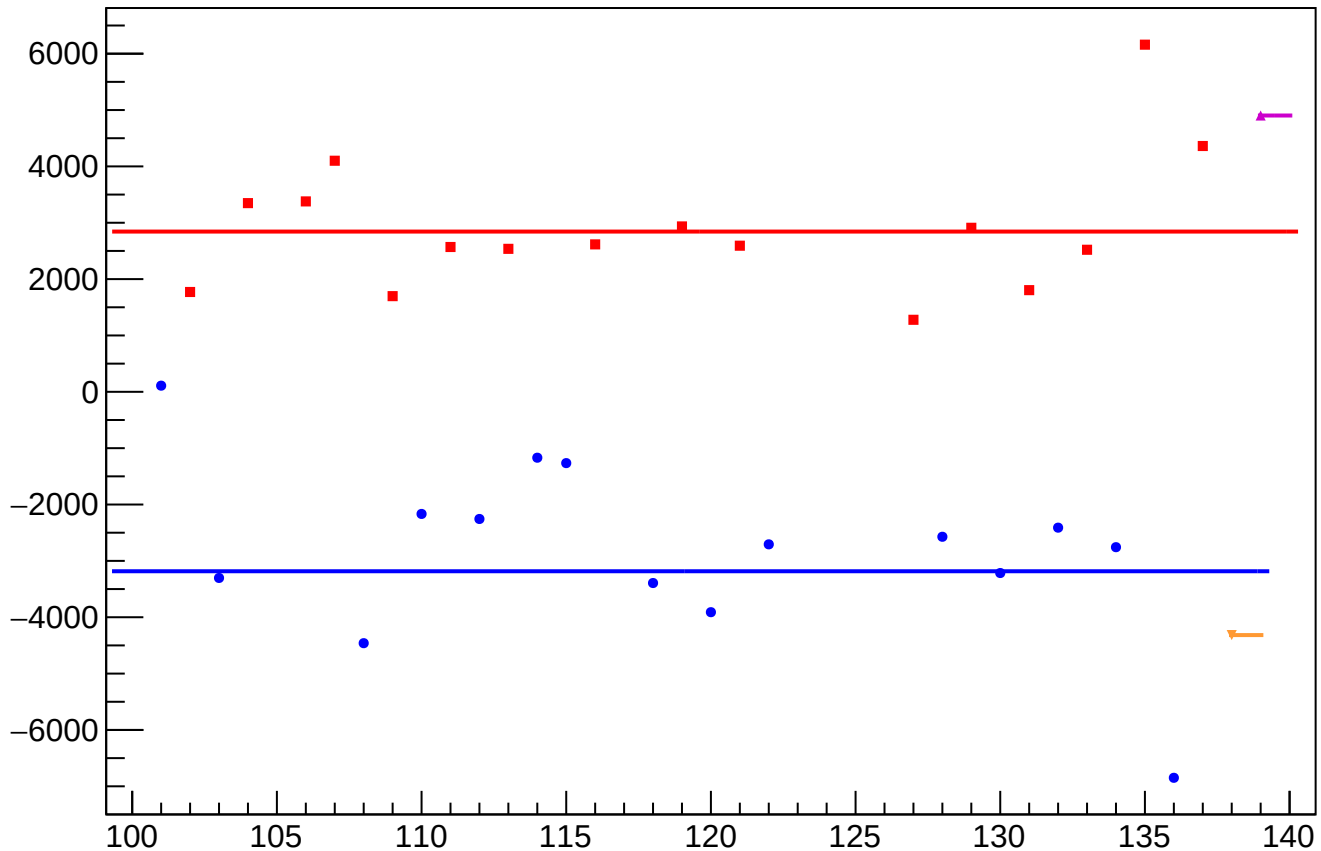
Left In: -710.204 ± 0.000 χ^2/NDF : 0.0/0

1069.282 ± 0.000 χ^2/NDF : 4007563528602908

48.714 ± 0.000 χ^2/NDF : 1639257511460

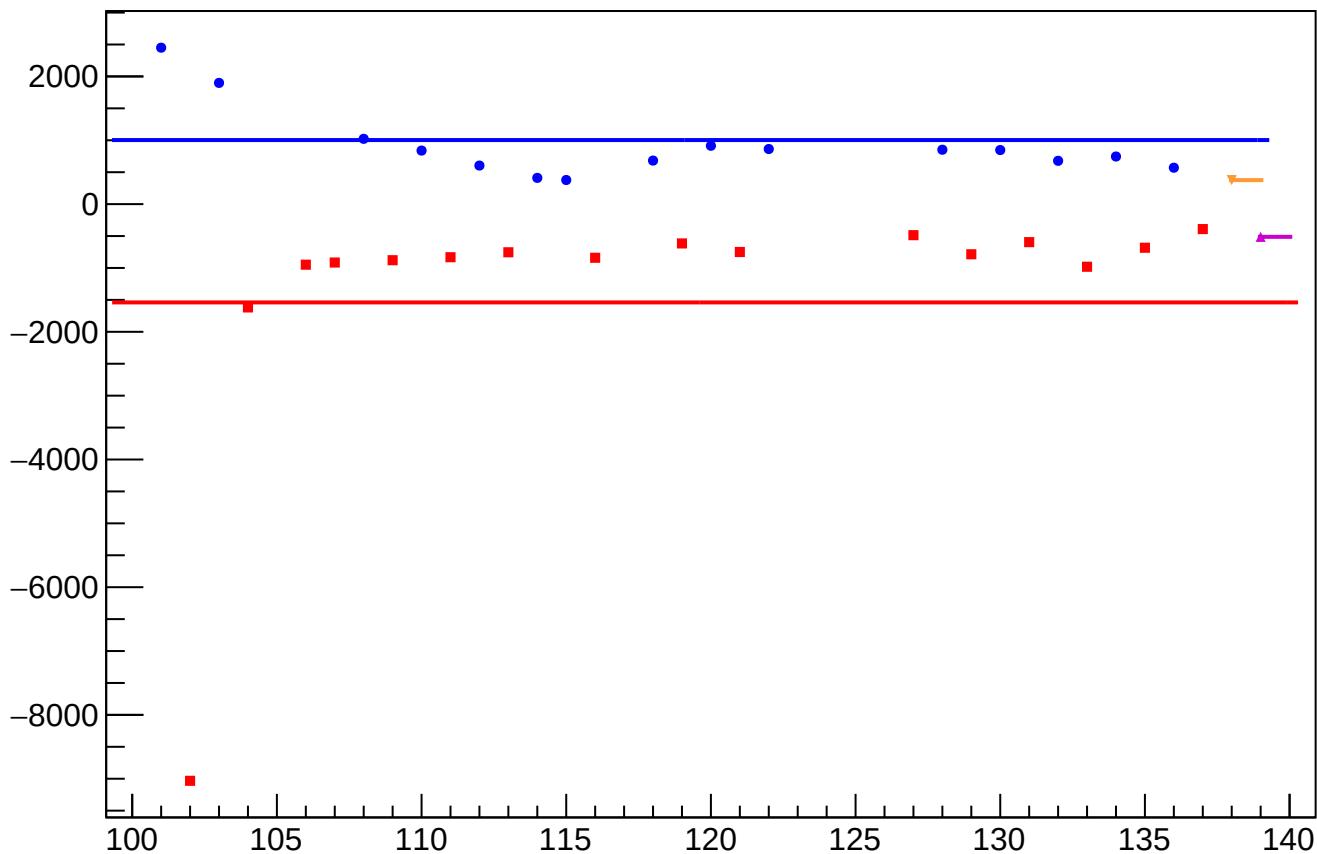
-987.532 ± 0.000 χ^2/NDF : 7312336526238823

dit_atr2_coil3_mean vs Slug, Sign Corrected



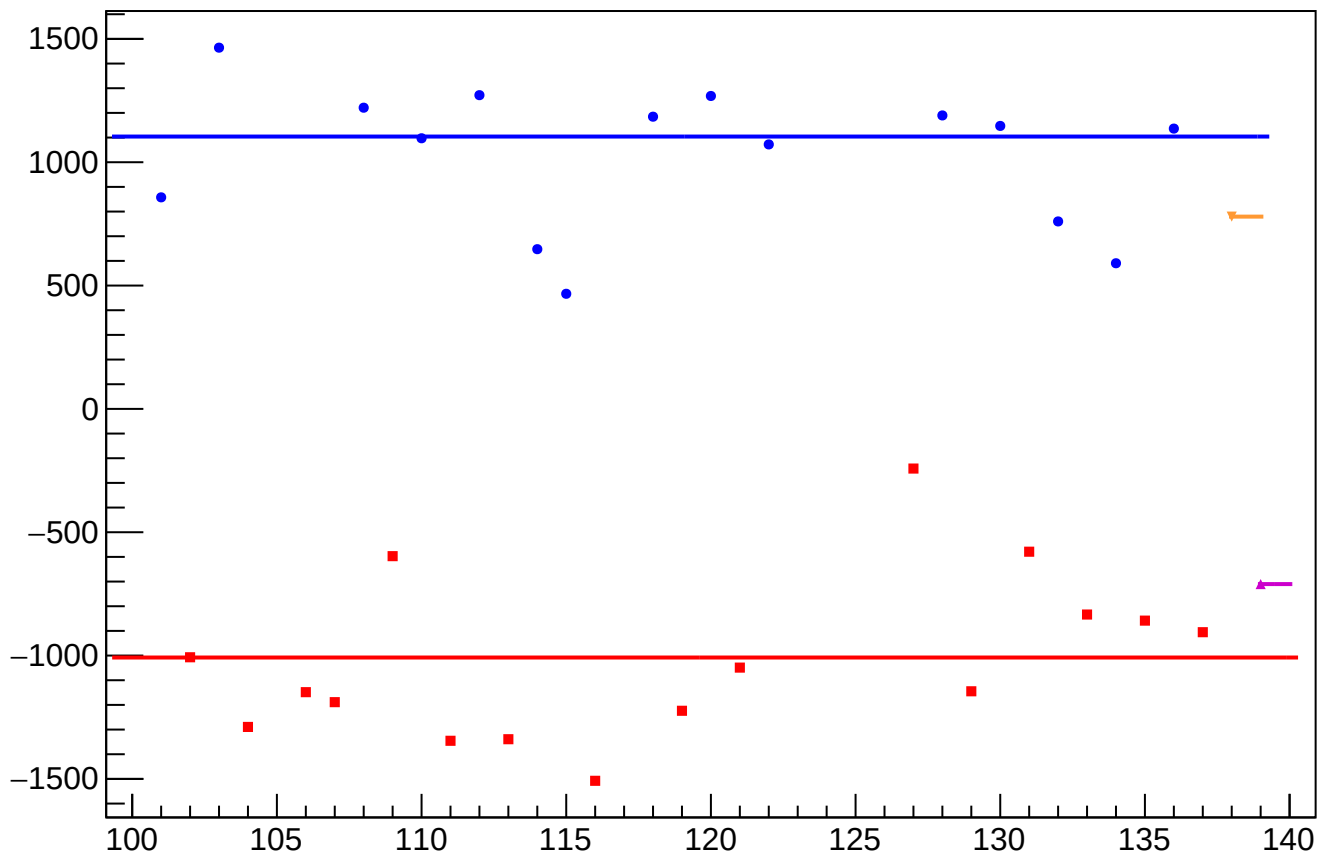
Right In: -3183.928 ± 0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -4316.563 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 2843.597 ± 0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: 4902.941 ± 0.000 χ^2/NDF : 0.0/0

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: -512.485+/-0.000 χ^2/NDF : 0.0/0

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

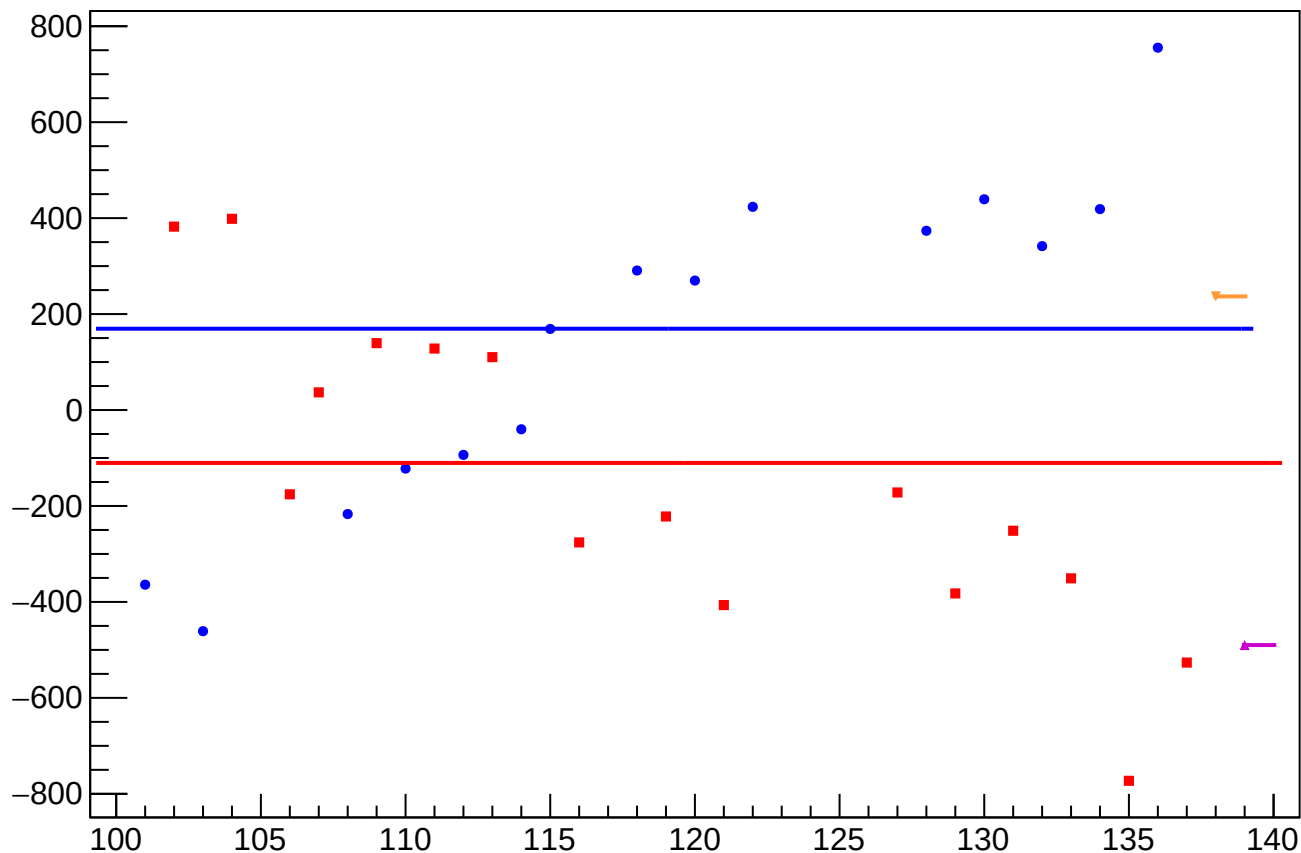
Left In: -710.204 ± 0.000 χ^2/NDF : 0.0/0

1069.282 ± 0.000 χ^2/NDF : 4007563528602908

48.714 ± 0.000 χ^2/NDF : 1639257511460

-987.532 ± 0.000 χ^2/NDF : 7312336526238823

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

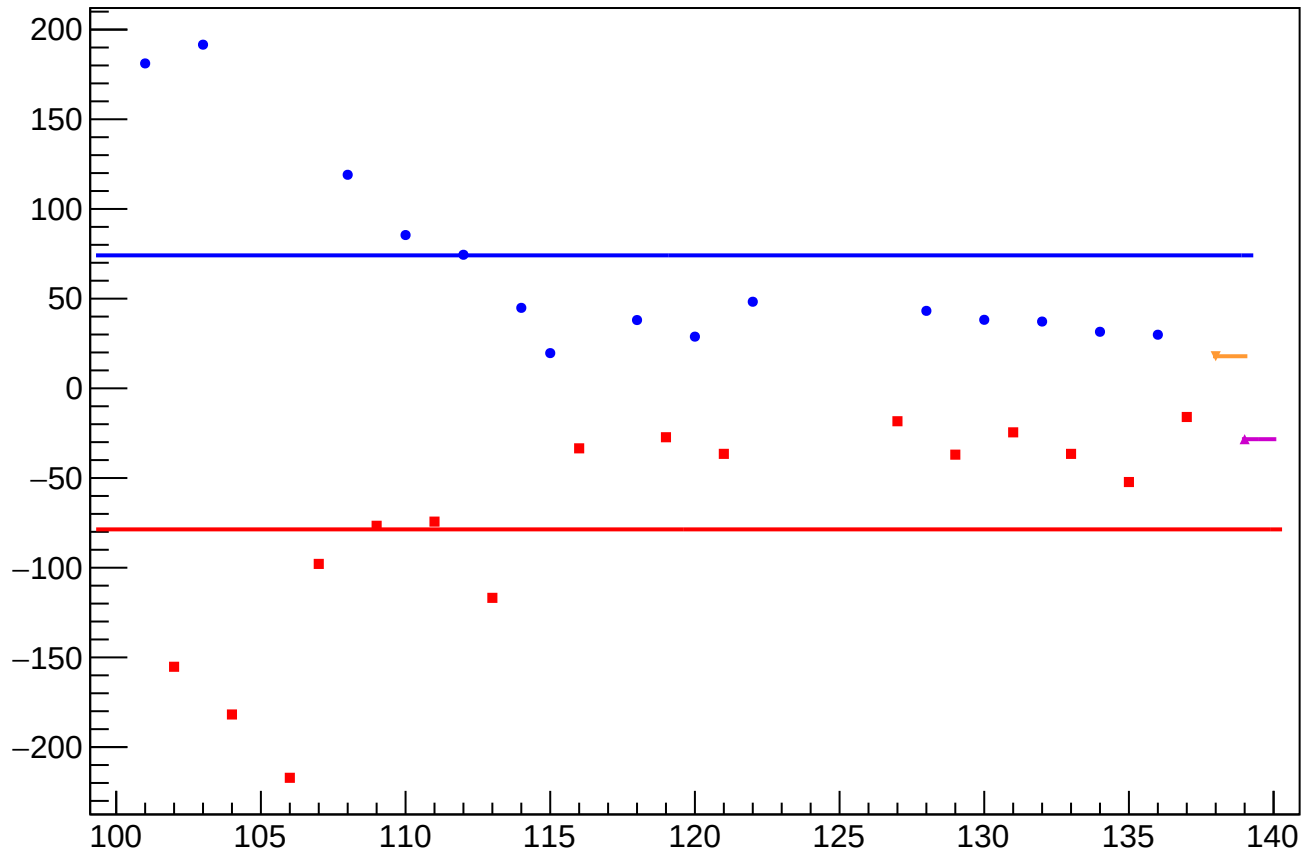
Left In: -489.898+/-0.000 χ^2/NDF : 0.0/0

176.714+/-0.000 χ^2/NDF : 95751682039273887

21.416+/-0.000 χ^2/NDF : 2094364820483

-136.268+/-0.000 χ^2/NDF : 7834859800417351

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

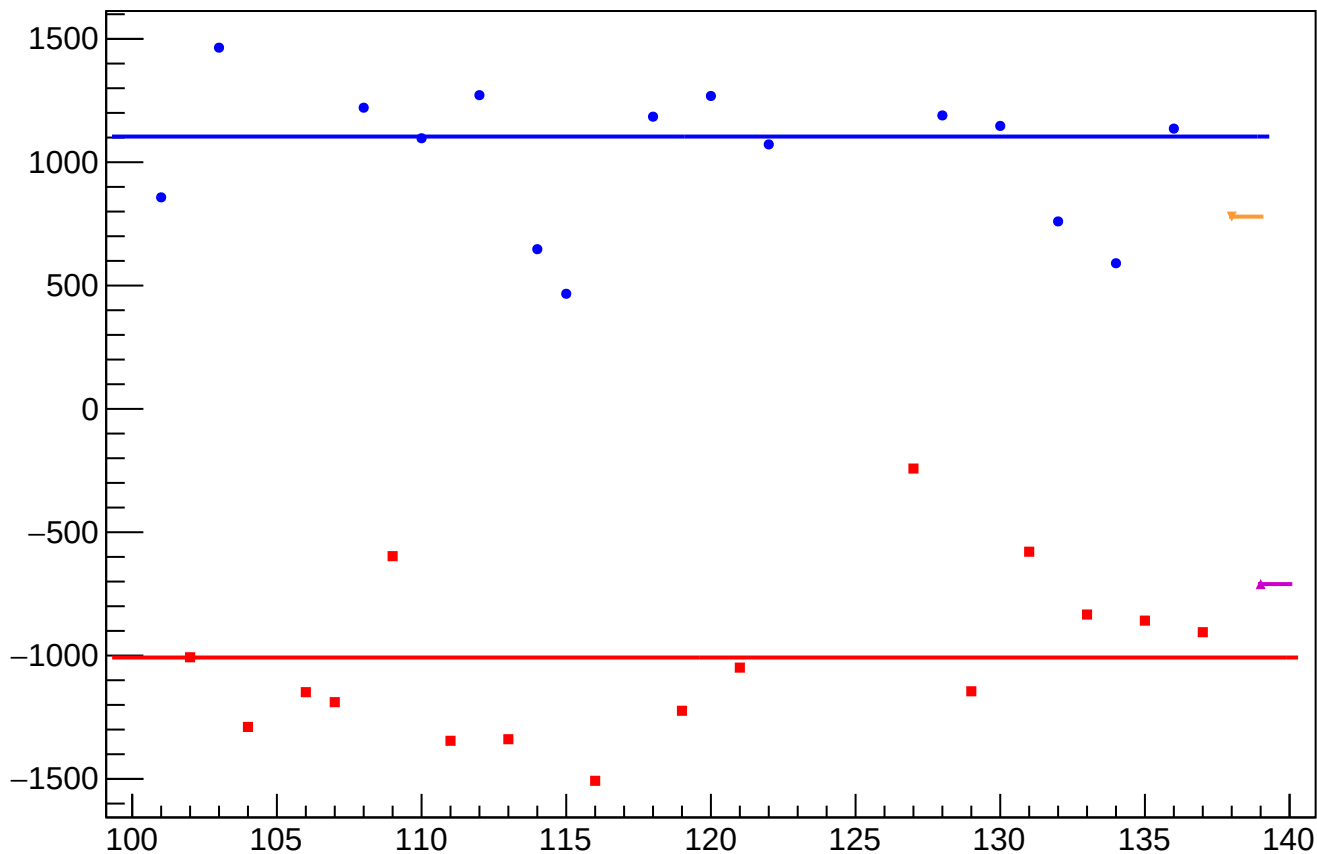
Left In: -28.350+/-0.000 χ^2/NDF :0.0/0

68.095+/-0.000 χ^2/NDF : 238860678584883515

-3.002+/-0.000 χ^2/NDF : 1225338611539

-75.192+/-0.000 χ^2/NDF : 24586435146678451

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

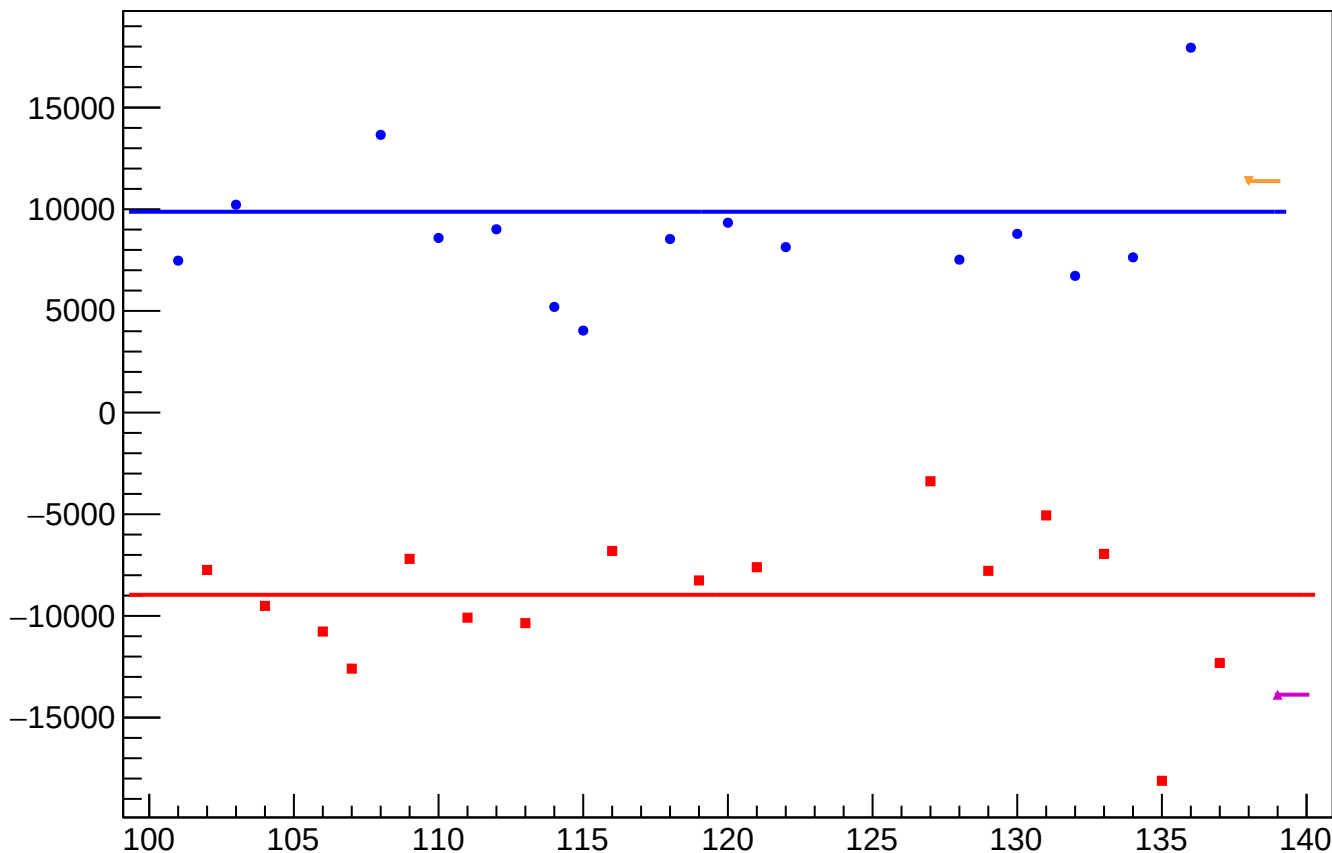
Left In: -710.204 ± 0.000 χ^2/NDF : 0.0/0

1069.282 ± 0.000 χ^2/NDF : 4007563528602908

48.714 ± 0.000 χ^2/NDF : 1639257511460

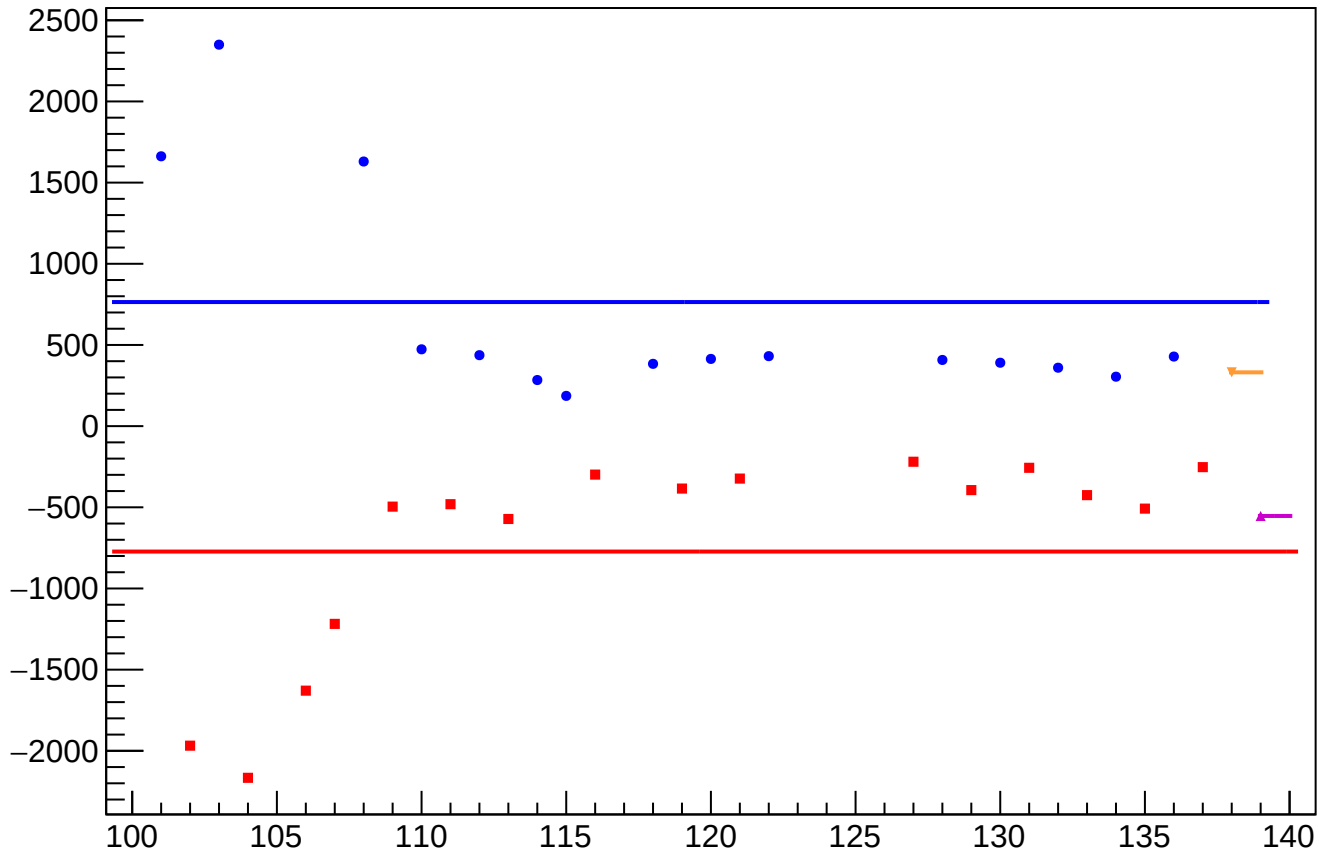
-987.532 ± 0.000 χ^2/NDF : 7312336526238823

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 11383.465+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: -13873.717+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 331.363+/-0.000 χ^2/NDF : 0.0/0

Right Out: -772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

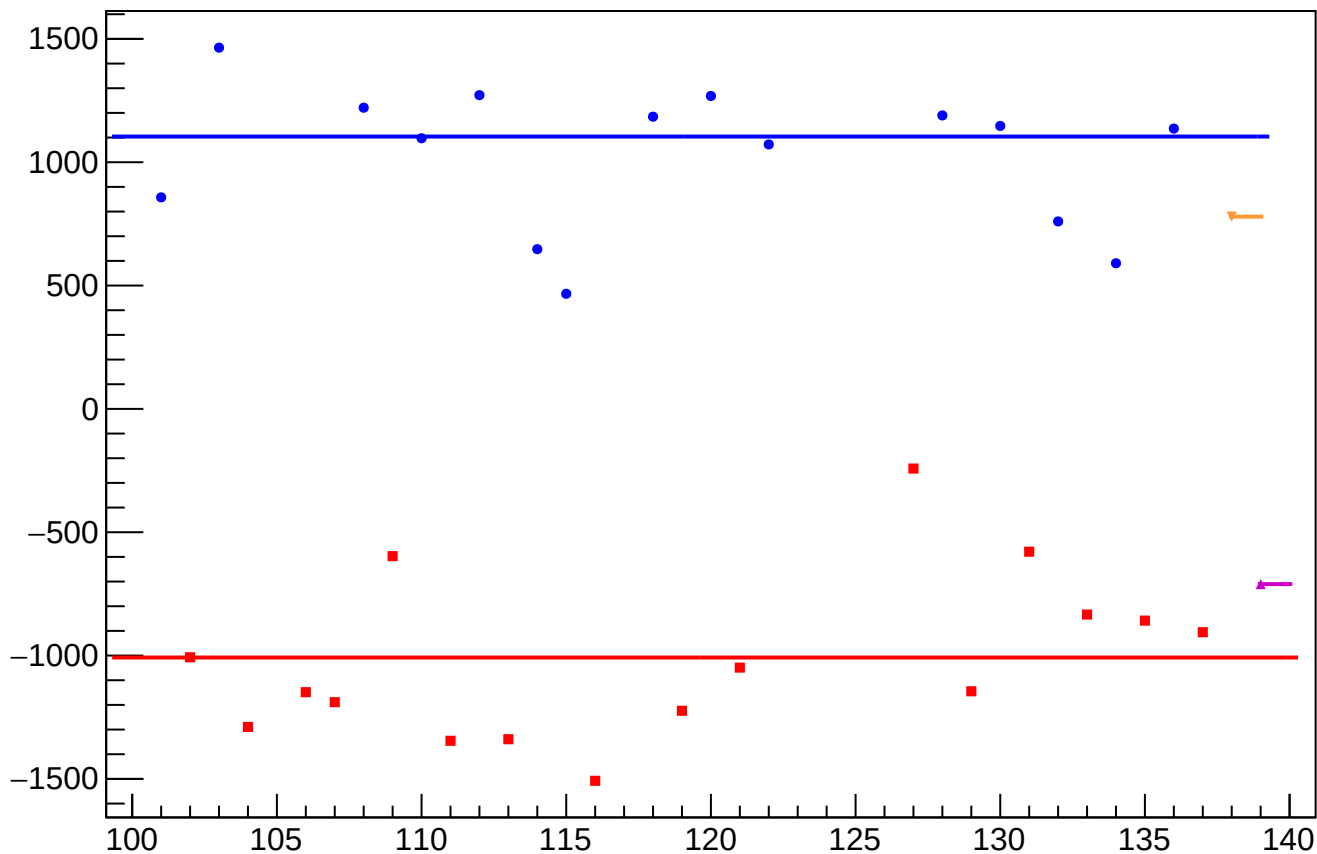
Left In: -553.335+/-0.000 χ^2/NDF : 0.0/0

717.836+/-0.000 χ^2/NDF : 30401511409171427

-14.231+/-0.000 χ^2/NDF : 137732787138

-757.546+/-0.000 χ^2/NDF : 2880956421072436

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

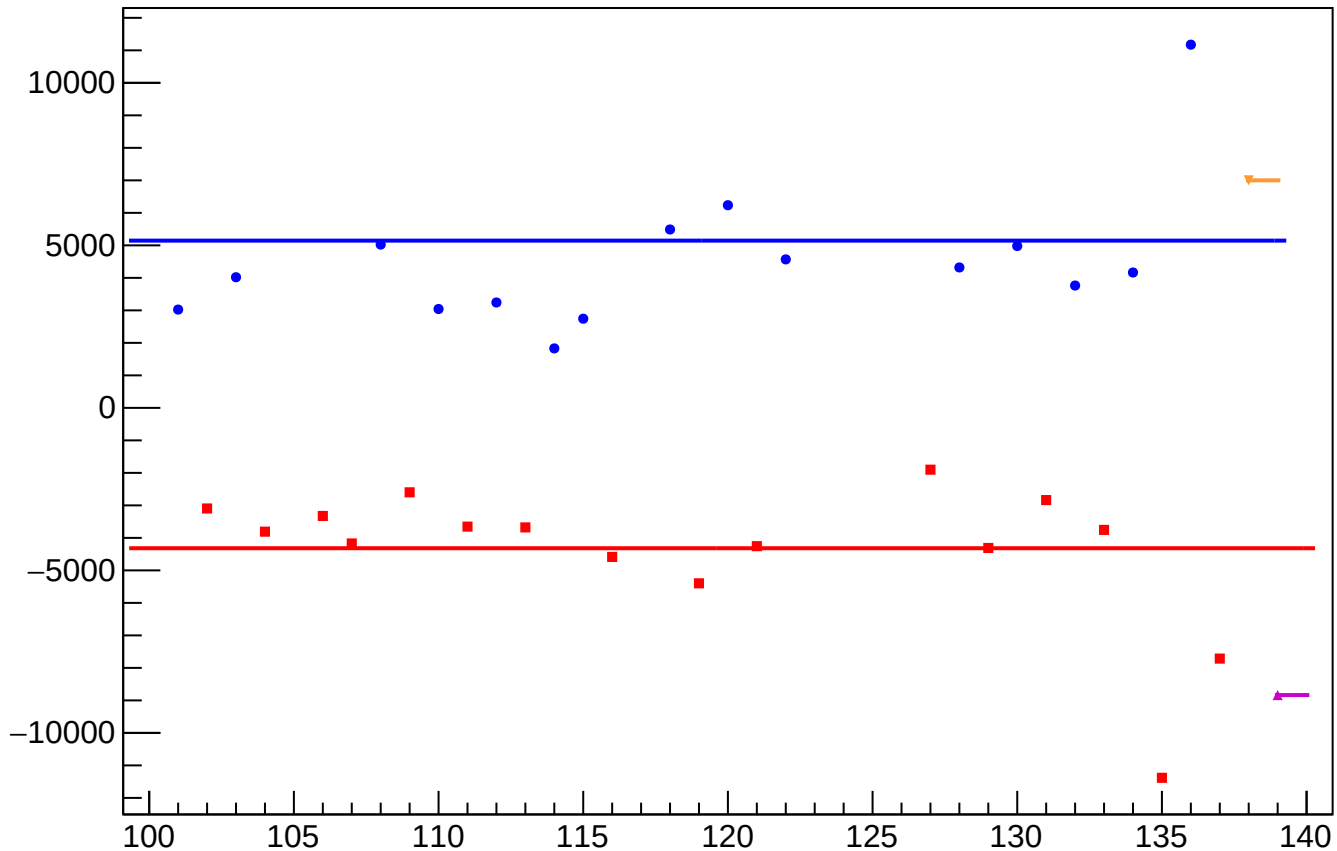
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

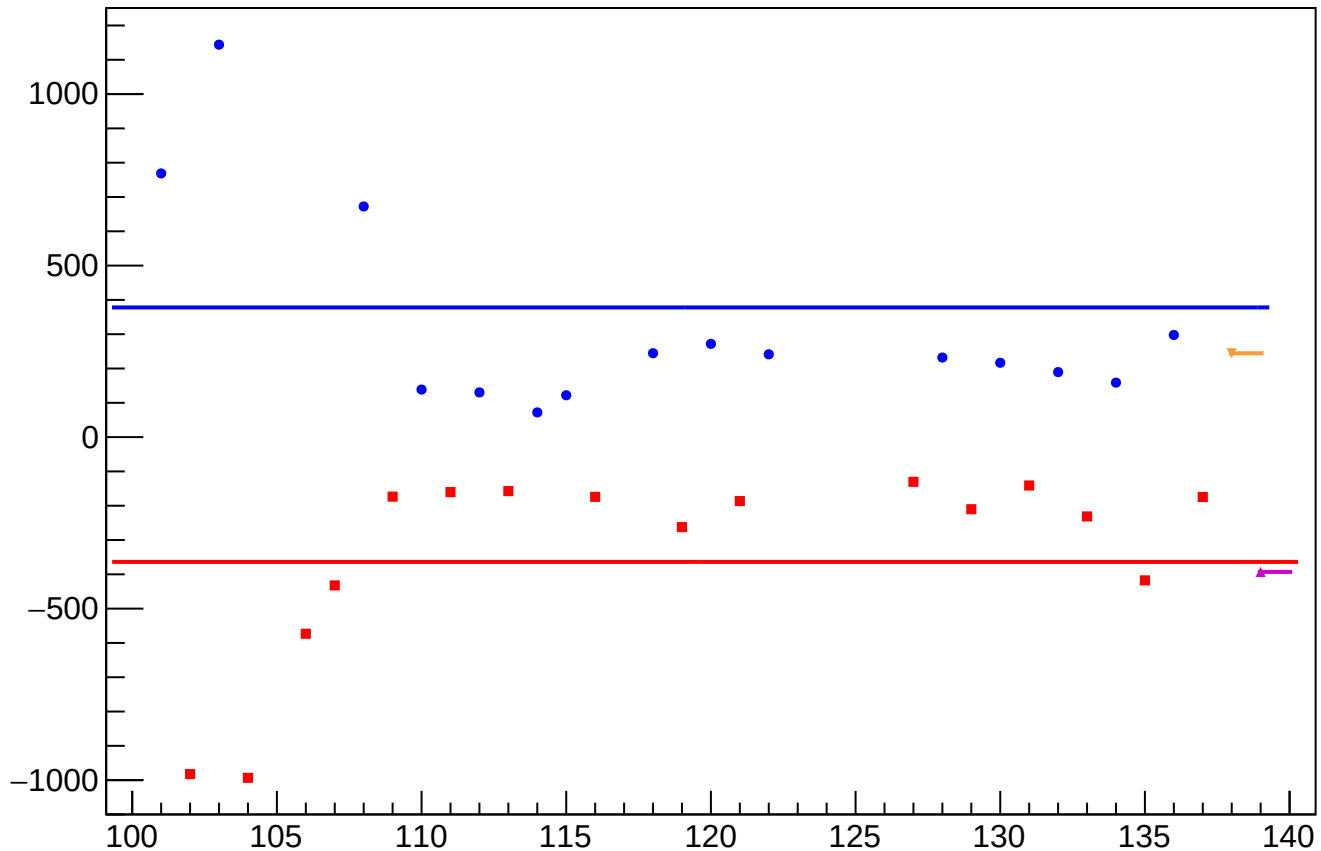
-987.532+/-0.000 χ^2/NDF : 7312336526238823

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: -8835.682+/-0.000 χ^2/NDF : 0.0/0

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

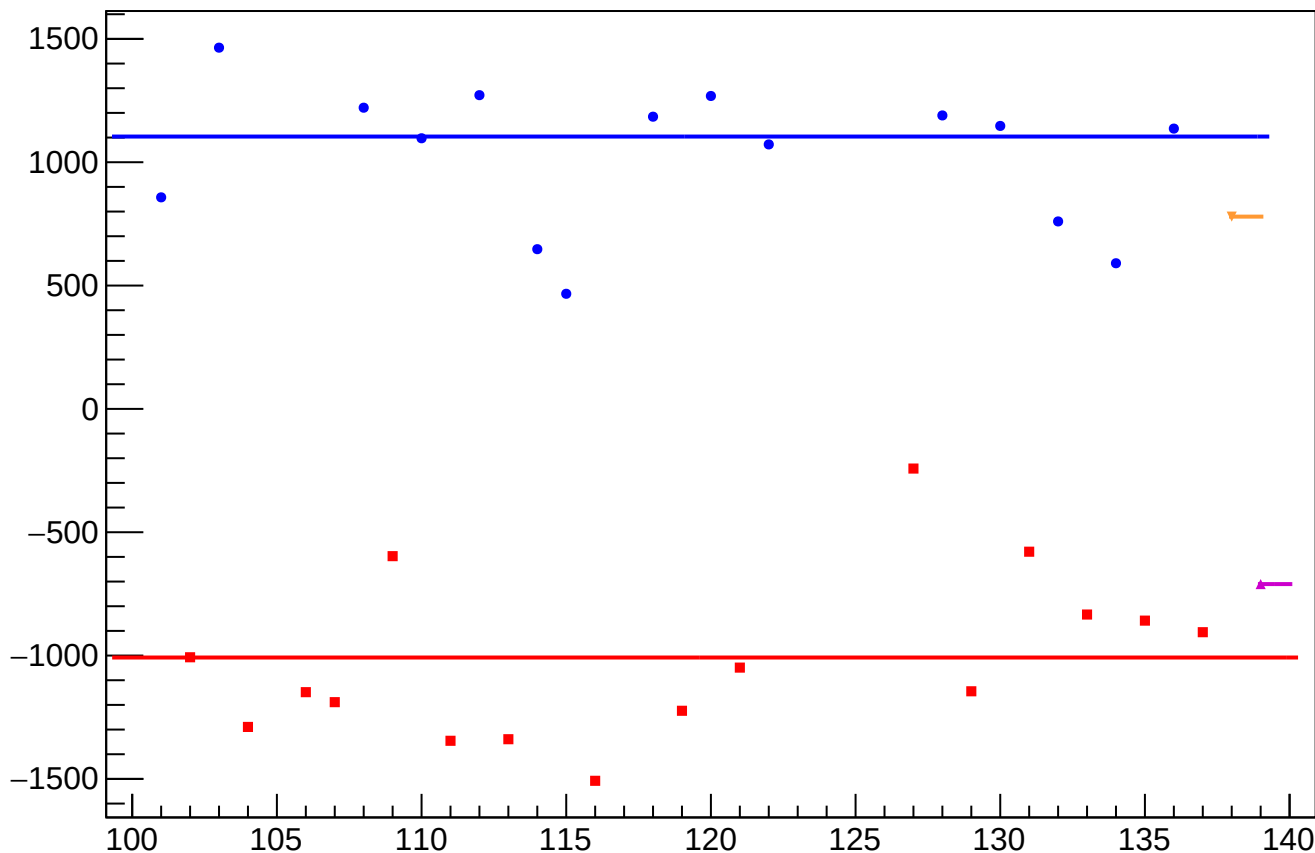
Left In: -392.938+/-0.000 χ^2/NDF : 0.0/0

363.714+/-0.000 χ^2/NDF : 62760205122207463

1.753+/-0.000 χ^2/NDF : 31379011982618

-365.768+/-0.000 χ^2/NDF : 5907016516640450

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

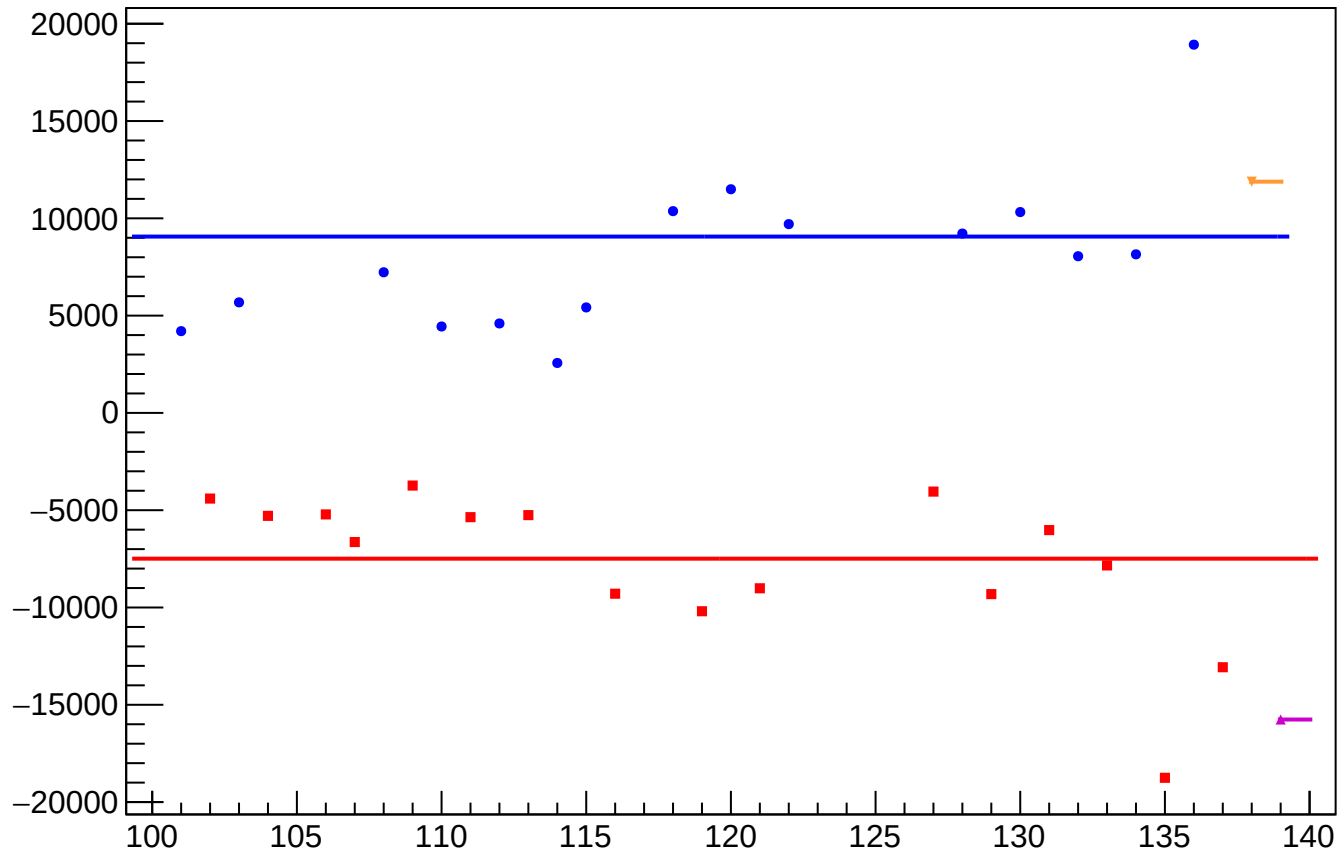
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

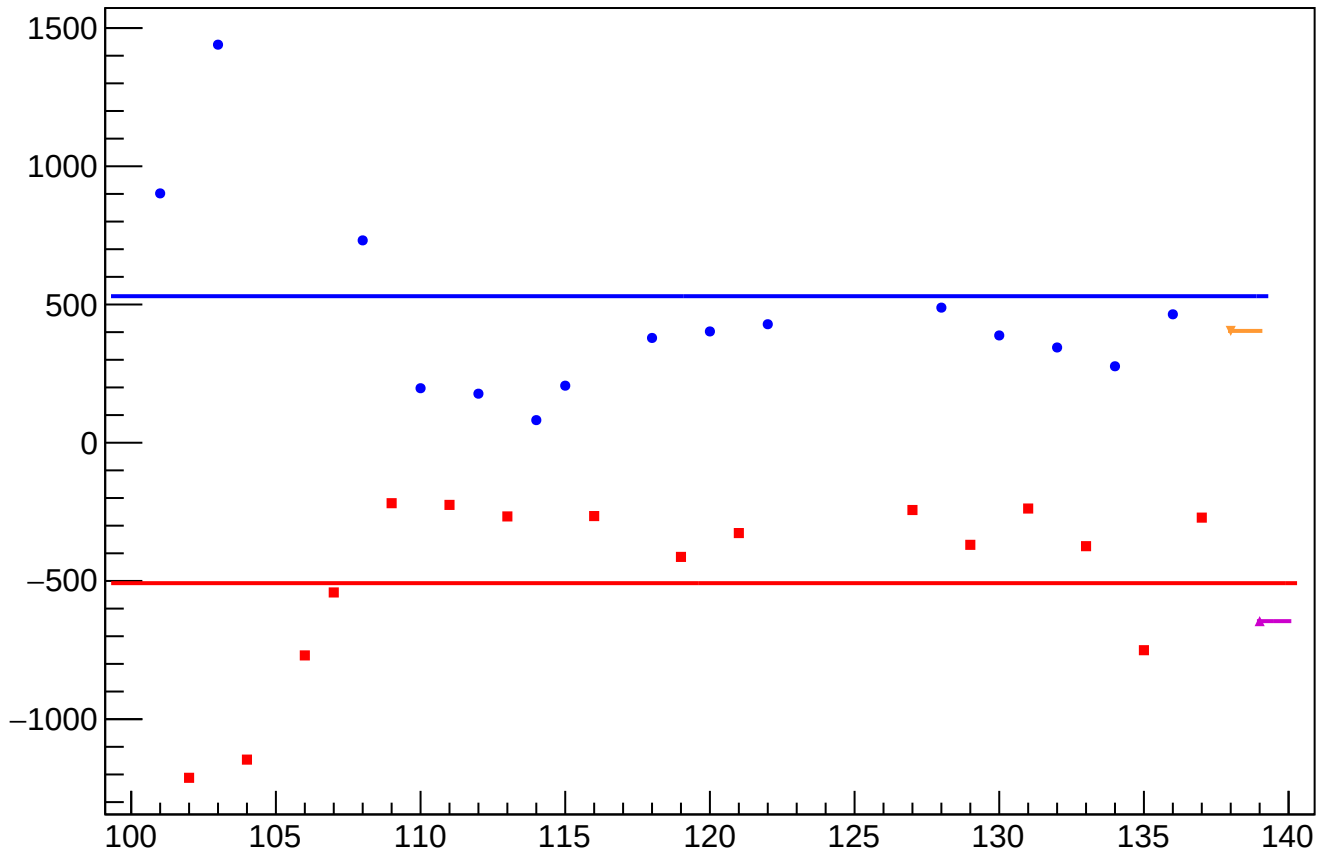
-987.532+/-0.000 χ^2/NDF : 7312336526238823

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 11884.065+/-0.000 χ^2/NDF : 258080351.1/0
 Right Out: -7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: -15757.419+/-0.000 χ^2/NDF : 0.0/0

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

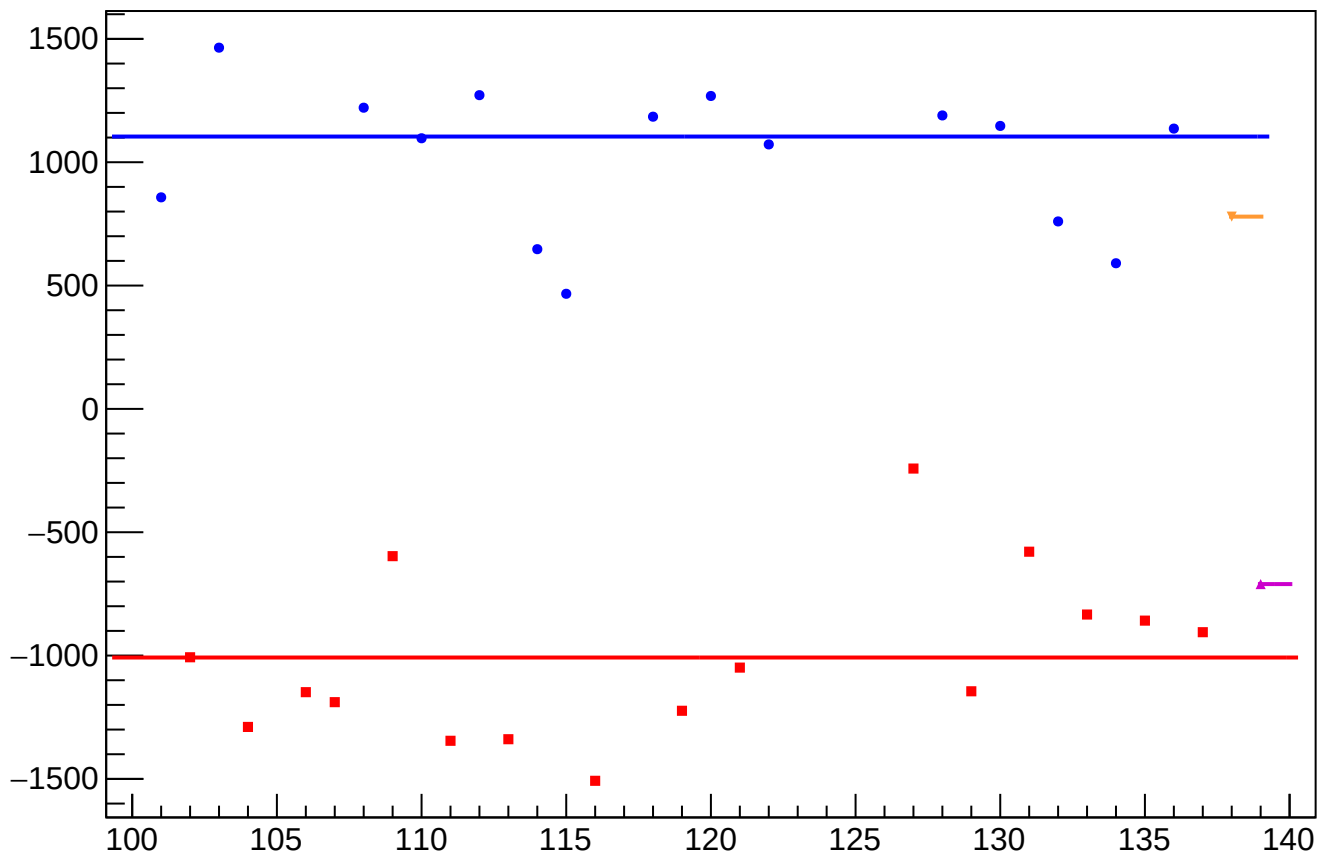
Left In: -645.355+/-0.000 χ^2/NDF : 0.0/0

516.581+/-0.000 χ^2/NDF : 79853161186909734

3.538+/-0.000 χ^2/NDF : 54305683354157

-517.388+/-0.000 χ^2/NDF : 7755108908525833

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

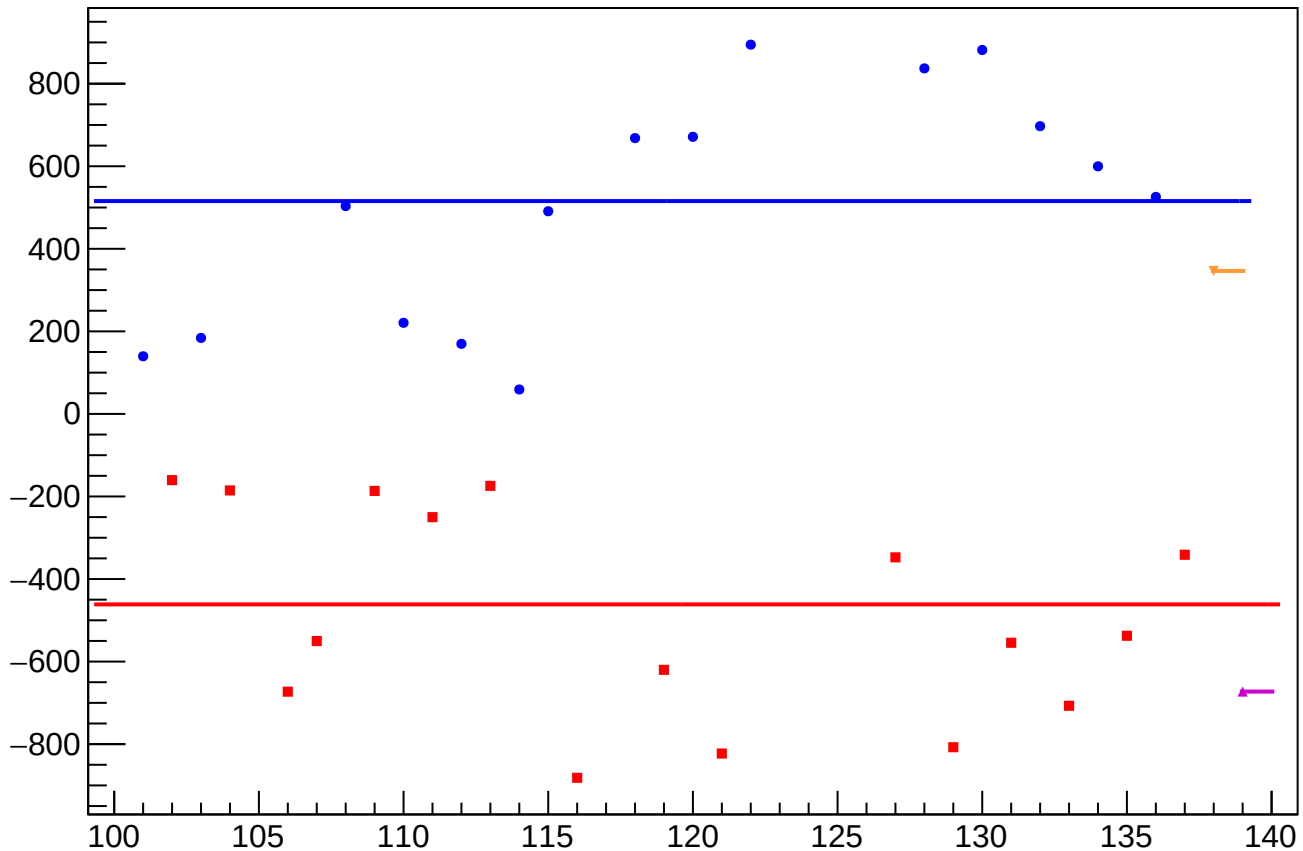
Left In: -710.204+/-0.000 χ^2/NDF :0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

-987.532+/-0.000 χ^2/NDF : 7312336526238823

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 346.361+/-0.000 χ^2/NDF : 0.0/0

Right Out: -461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

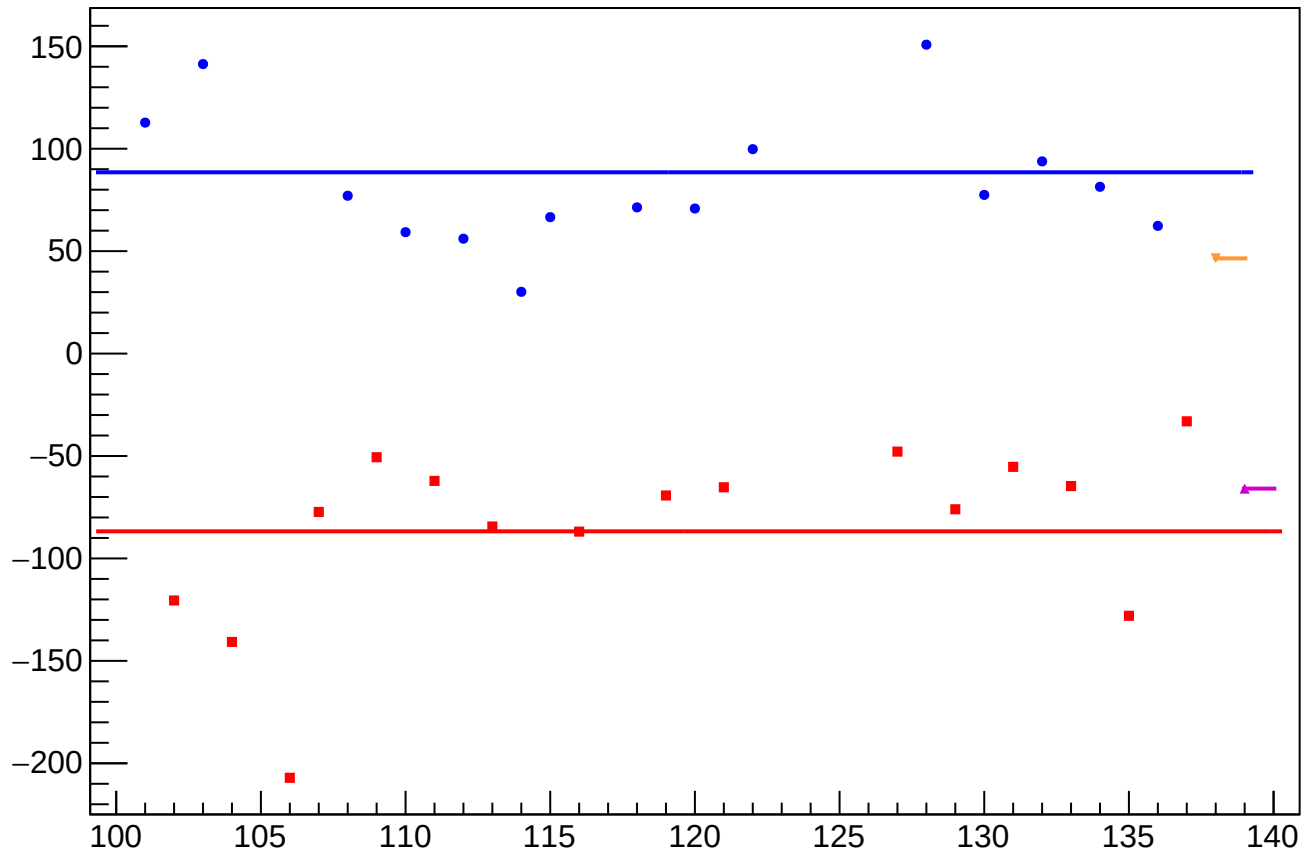
Left In: -672.624+/-0.000 χ^2/NDF : 0.0/0

497.474+/-0.000 χ^2/NDF : 50460618910831962

14.474+/-0.000 χ^2/NDF : 4347763084657

-475.946+/-0.000 χ^2/NDF : 4250842987435739

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

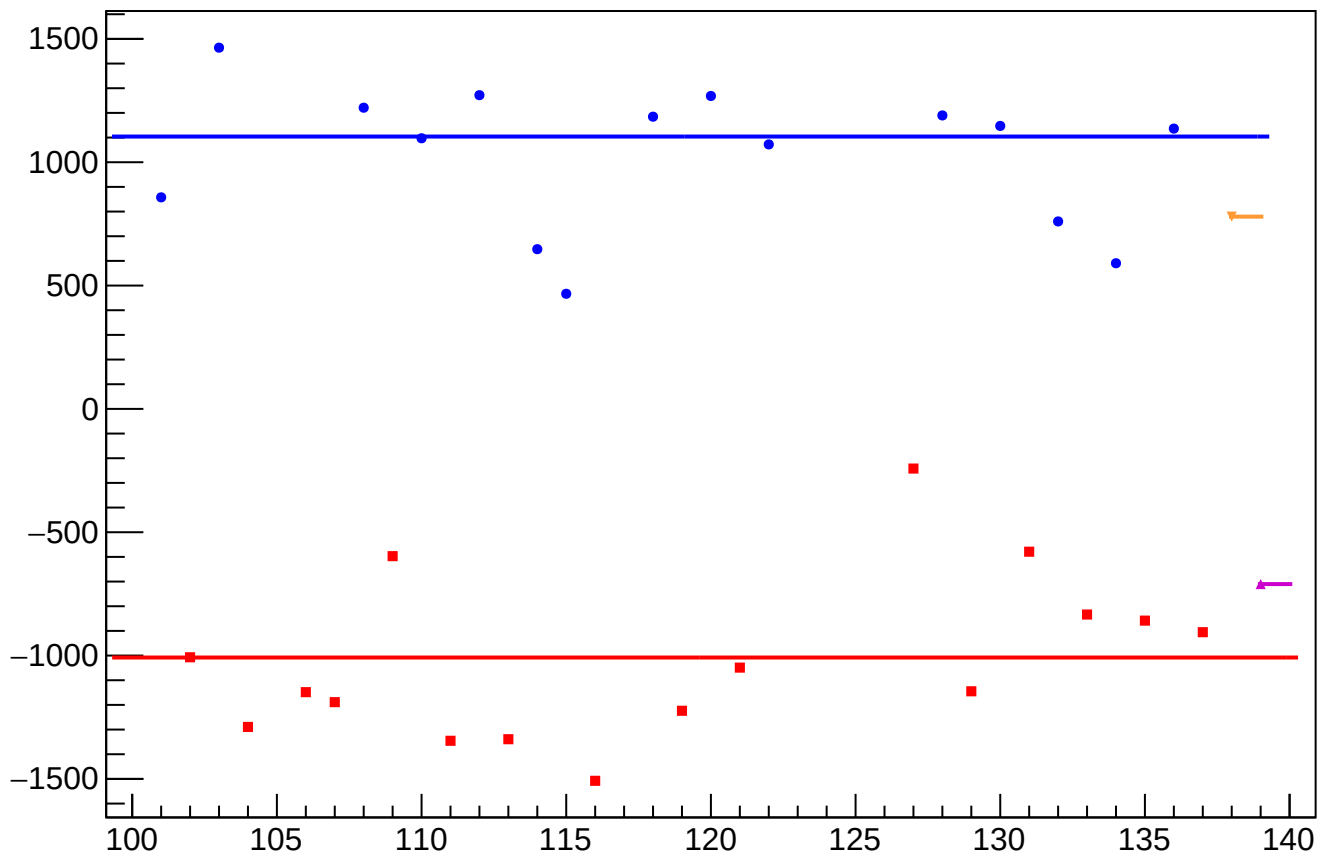
Left In: -65.909+/-0.000 χ^2/NDF : 0.0/0

83.985+/-0.000 χ^2/NDF : 766184193758659189

-0.035+/-0.000 χ^2/NDF : 12188329412493

-85.346+/-0.000 χ^2/NDF : 10790782286979626

dit_sam5_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

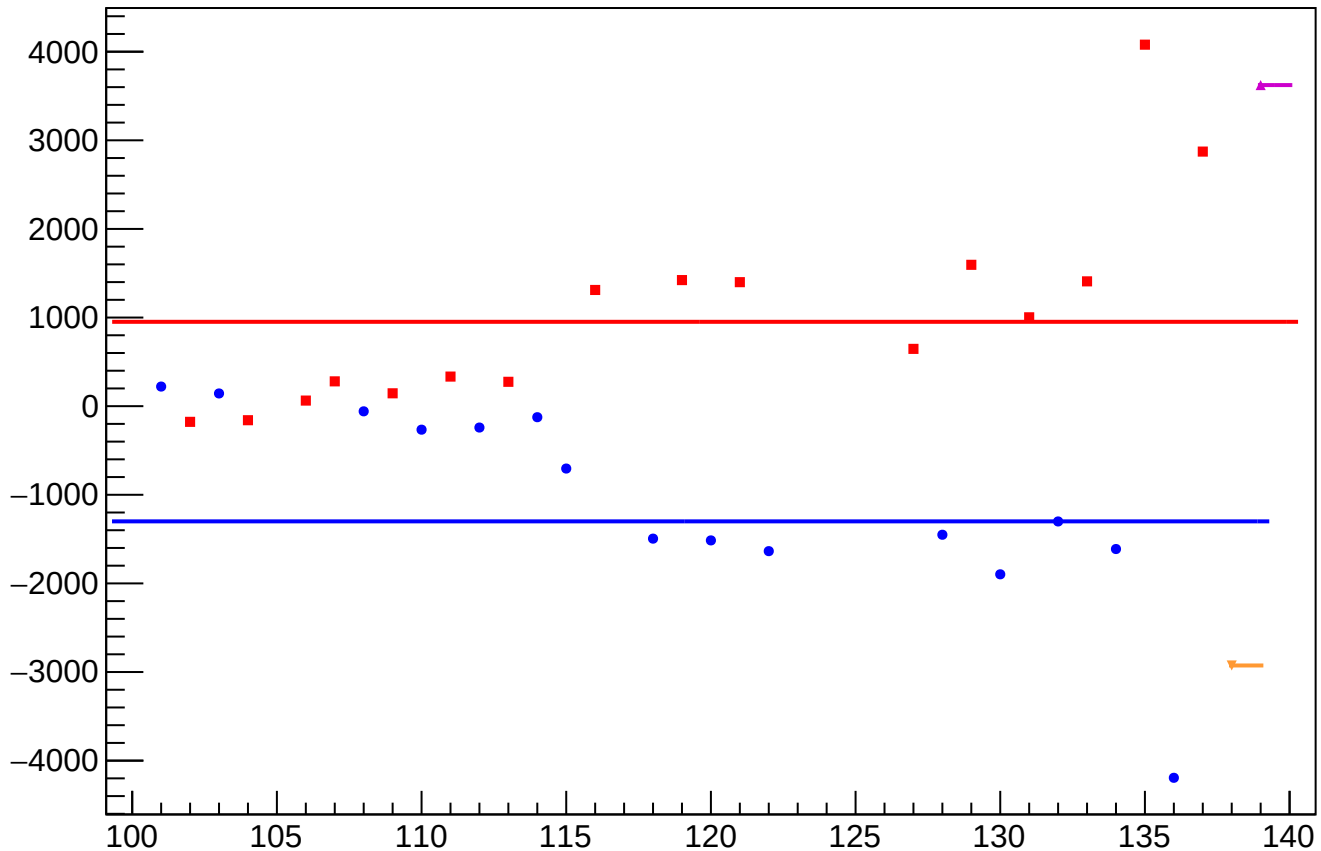
Left In: -710.204 ± 0.000 χ^2/NDF : 0.0/0

1069.282 ± 0.000 χ^2/NDF : 4007563528602908

48.714 ± 0.000 χ^2/NDF : 1639257511460

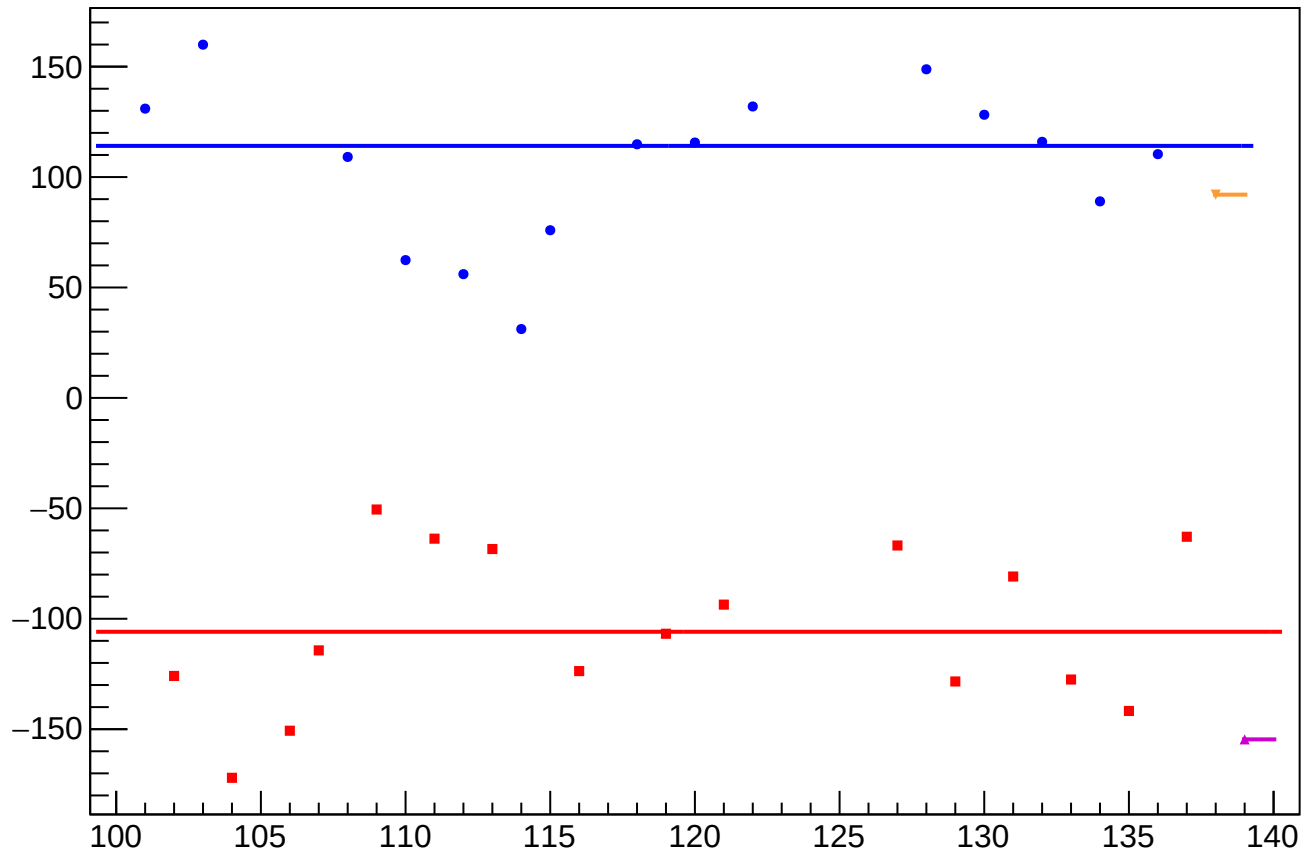
-987.532 ± 0.000 χ^2/NDF : 7312336526238823

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904 ± 0.000 $\chi^2/\text{NDF}: 1199649252163216367086408691577524322304.0/14$
 Left Out: -2926.096 ± 0.000 $\chi^2/\text{NDF}: 16130021.9/0$
 Right Out: 951.903 ± 0.000 $\chi^2/\text{NDF}: 841314696863657044174468284217089327104.0/15$
 Left In: 3623.288 ± 0.000 $\chi^2/\text{NDF}: 10132962.5/0$

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

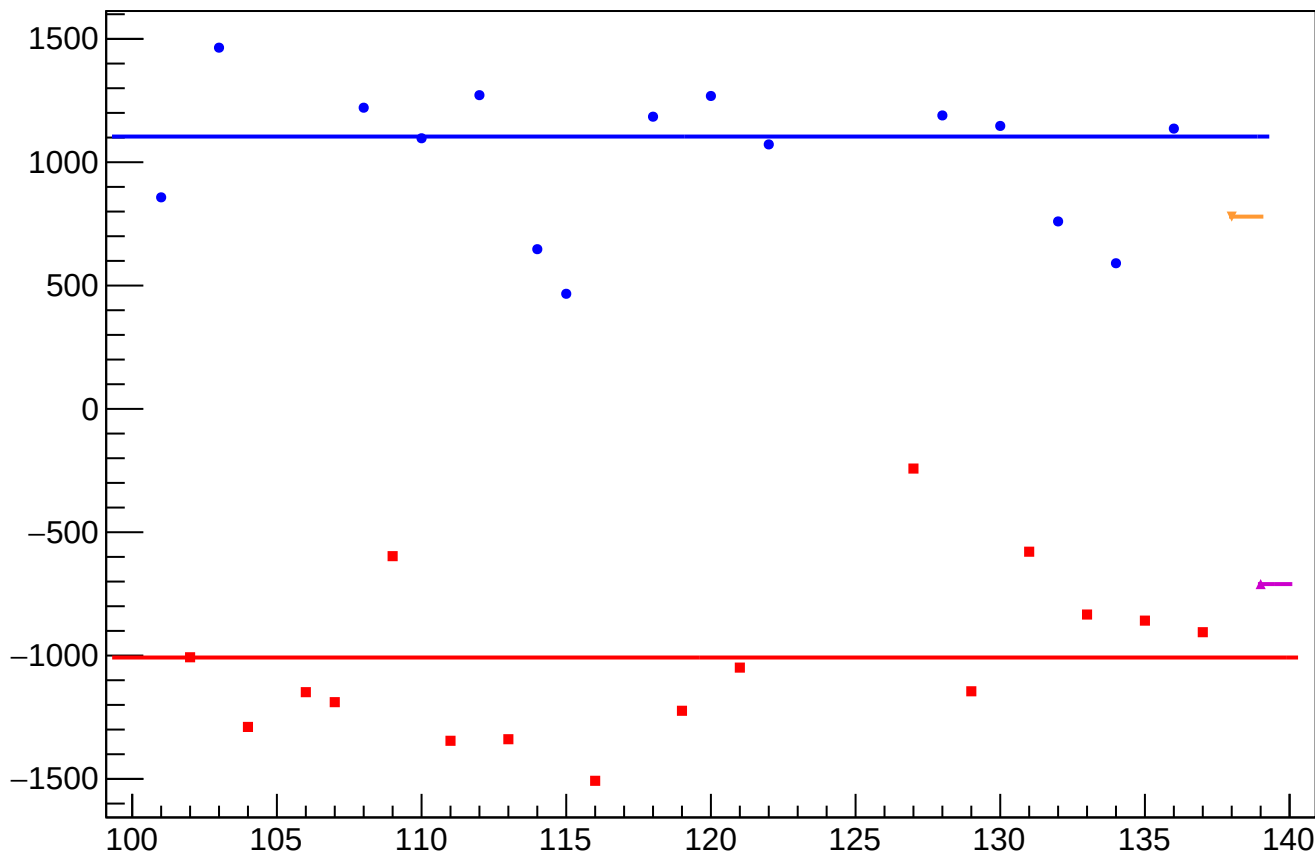
Left In: -154.609 ± 0.000 χ^2/NDF : 0.0/0

111.749 ± 0.000 χ^2/NDF : 64116553237344793

2.105 ± 0.000 χ^2/NDF : 19215422630166

-109.224 ± 0.000 χ^2/NDF : 9602078337238053

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

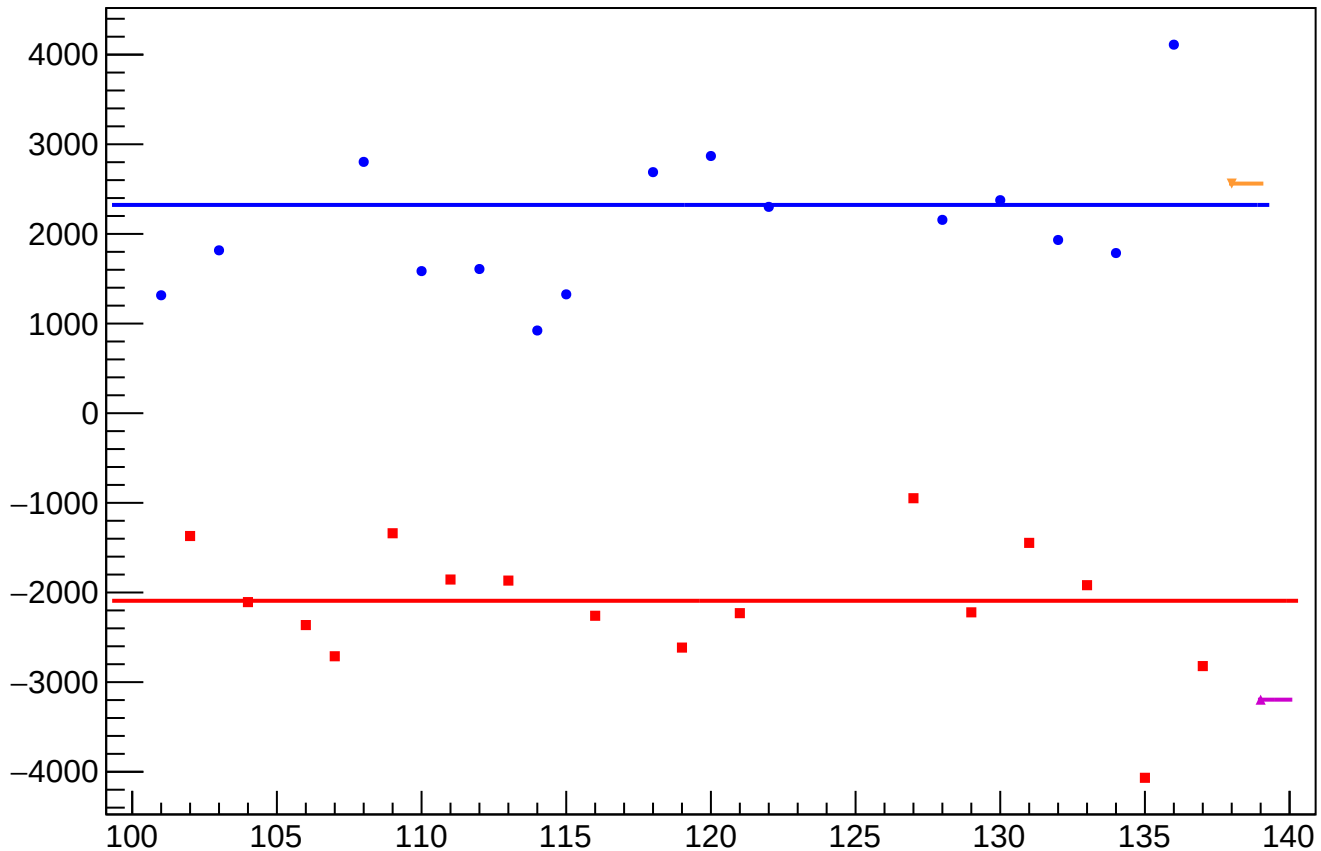
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

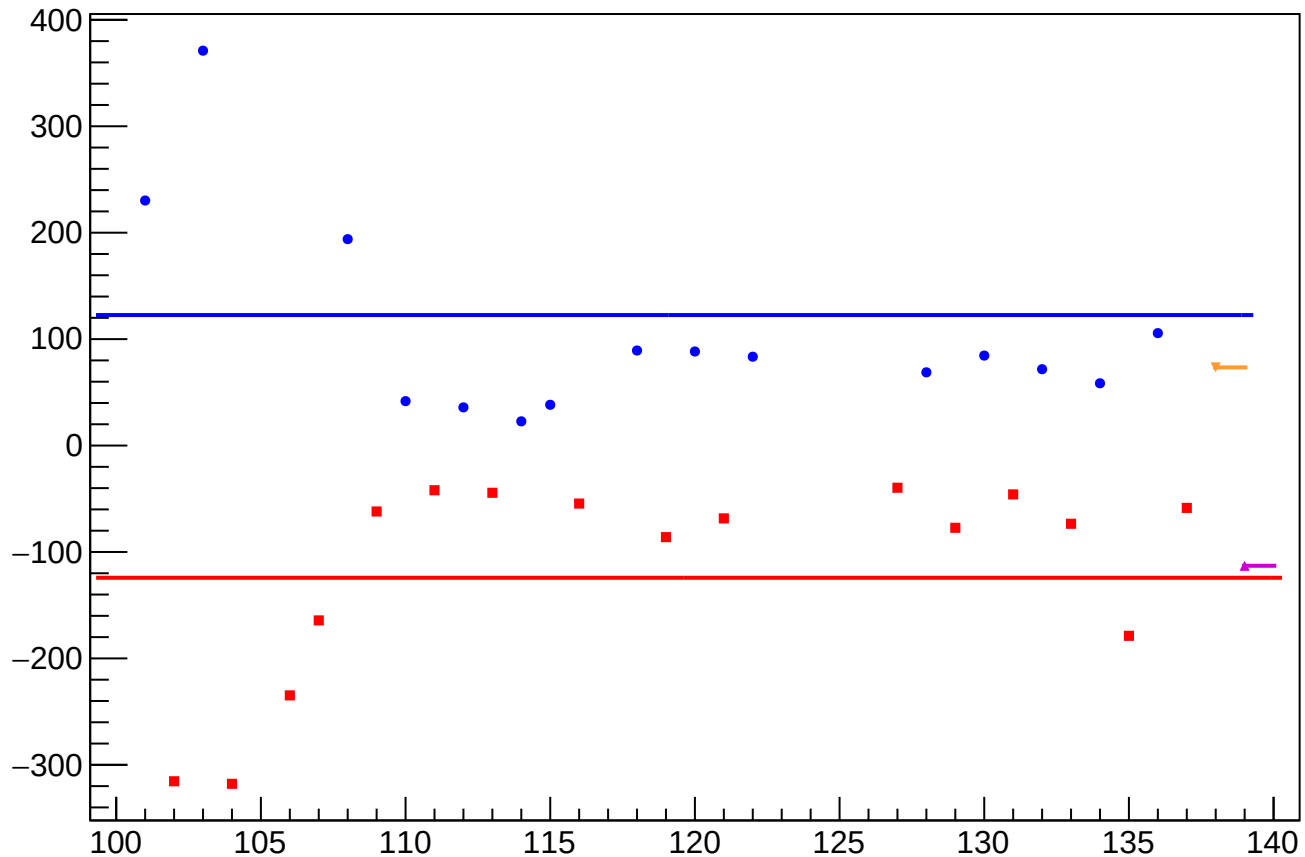
-987.532+/-0.000 χ^2/NDF : 7312336526238823

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: -3195.468+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 122.622 $\pm$ 0.000 χ^2 /NDF: 5937504661187691145903235842749497344.0/14

Left Out: 73.431 $\pm$ 0.000 χ^2 /NDF: 15752.0/0

Right Out: -124.216 $\pm$ 0.000 χ^2 /NDF: 6549627589629012958791202941129719808.0/15

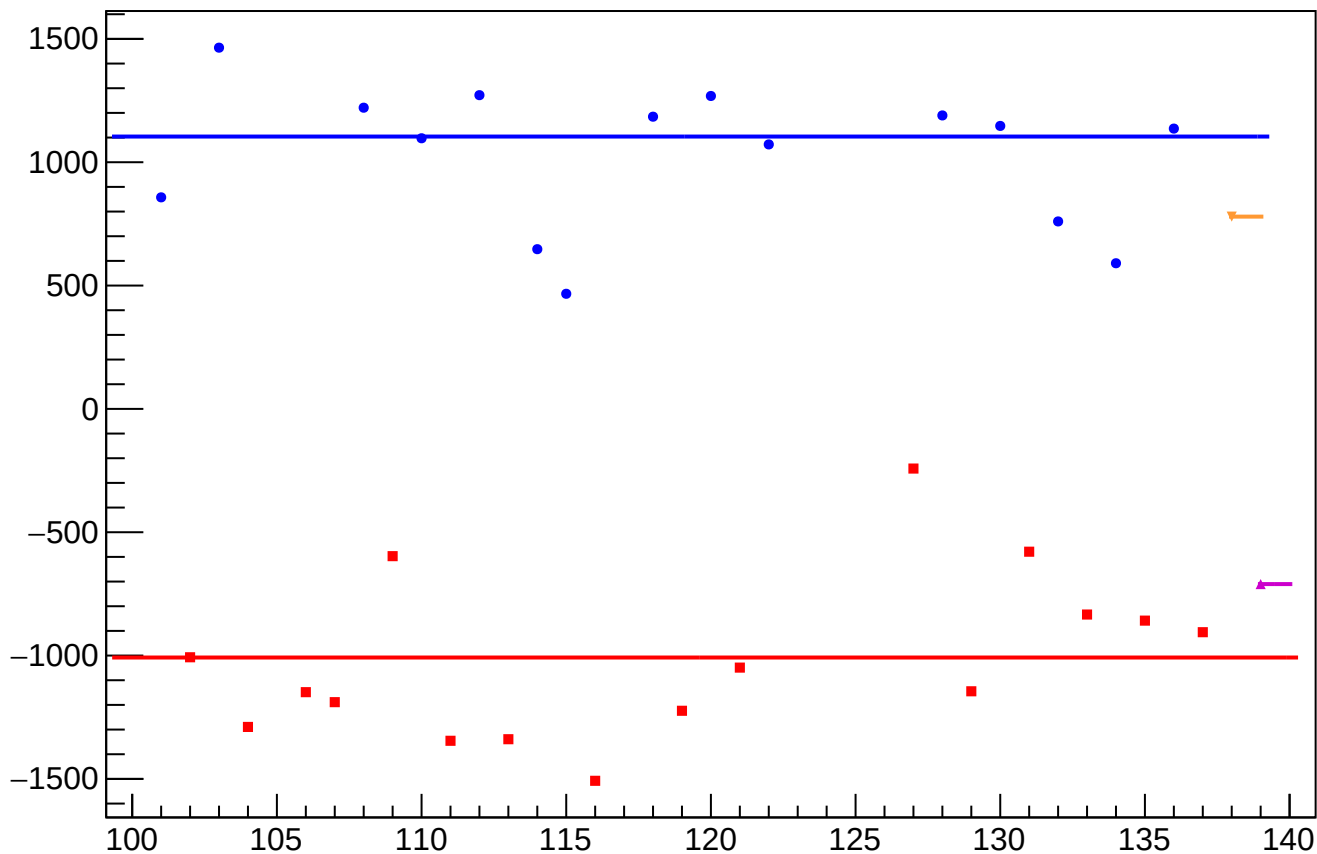
Left In: -112.951 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.344 $\pm$ 0.000 χ^2 /NDF: 61059953931214676

-2.133 $\pm$ 0.000 χ^2 /NDF: 3357640240926

-123.446 $\pm$ 0.000 χ^2 /NDF: 6555420647251894

dit_sam7_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

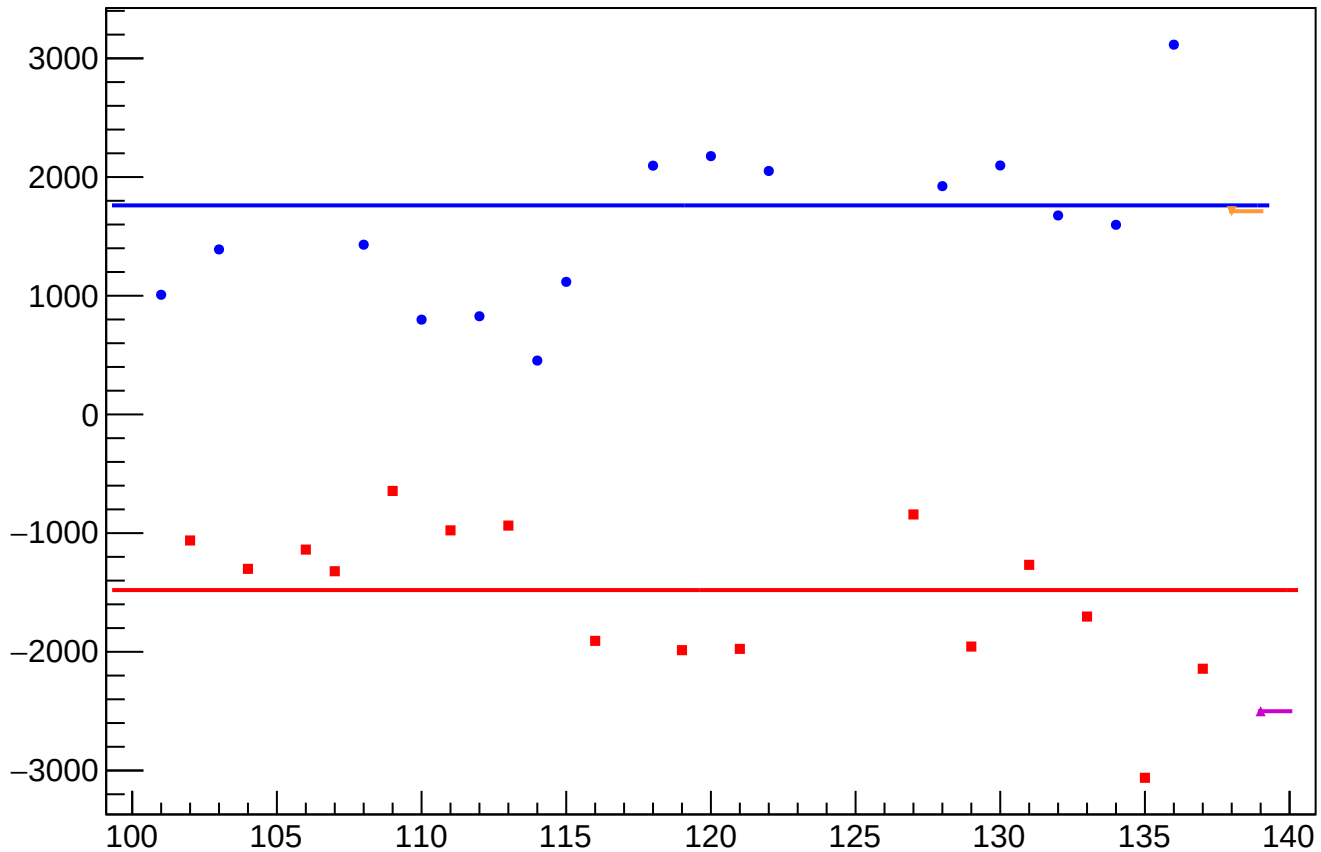
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

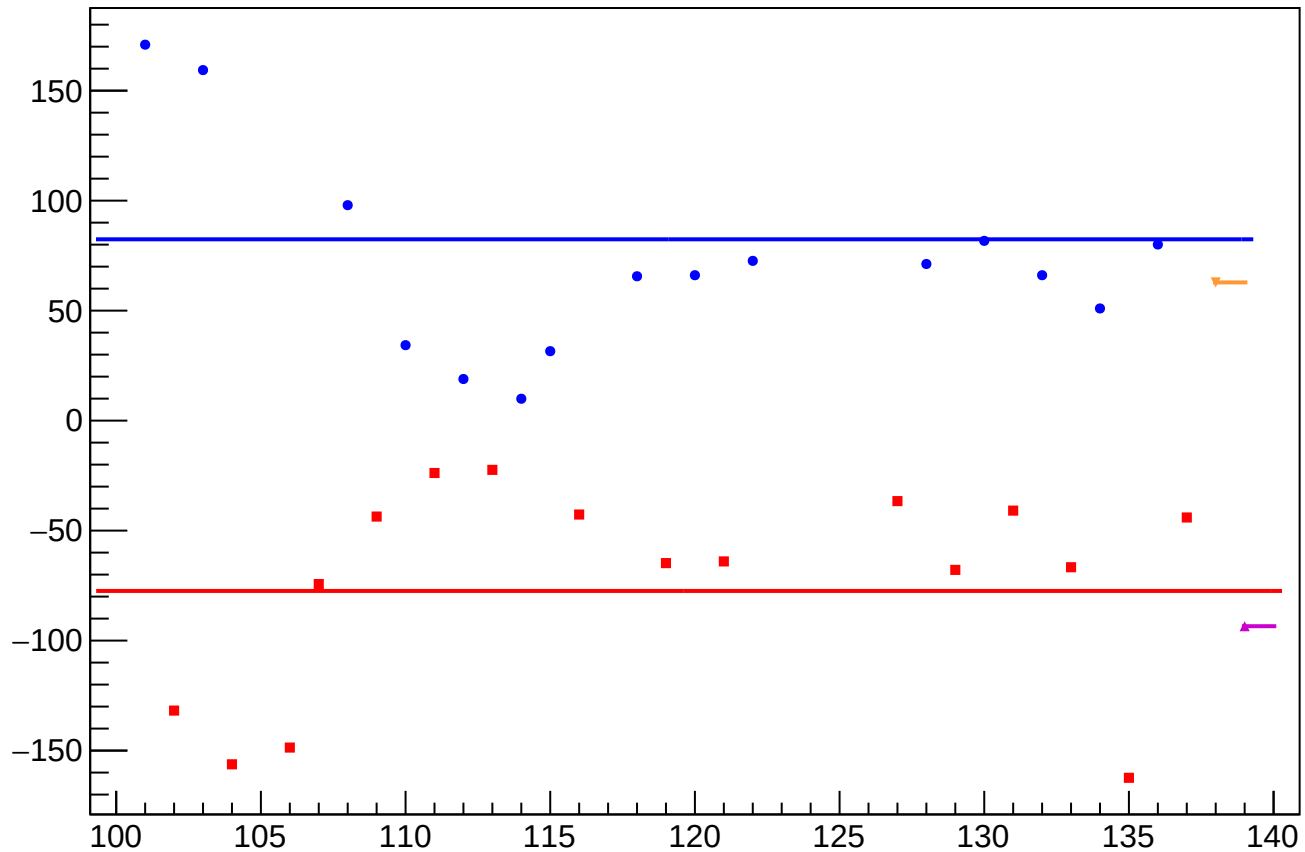
-987.532+/-0.000 χ^2/NDF : 7312336526238823

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: -2500.392+/-0.000 χ^2/NDF : 10132962.5/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 82.422 ± 0.000 $\chi^2/\text{NDF}: 1263633347129443757477527241185296384.0/14$

Left Out: 62.824 ± 0.000 $\chi^2/\text{NDF}: 3938.0/0$

Right Out: -77.430 ± 0.000 $\chi^2/\text{NDF}: 1515456409368458038568290276111024128.0/15$

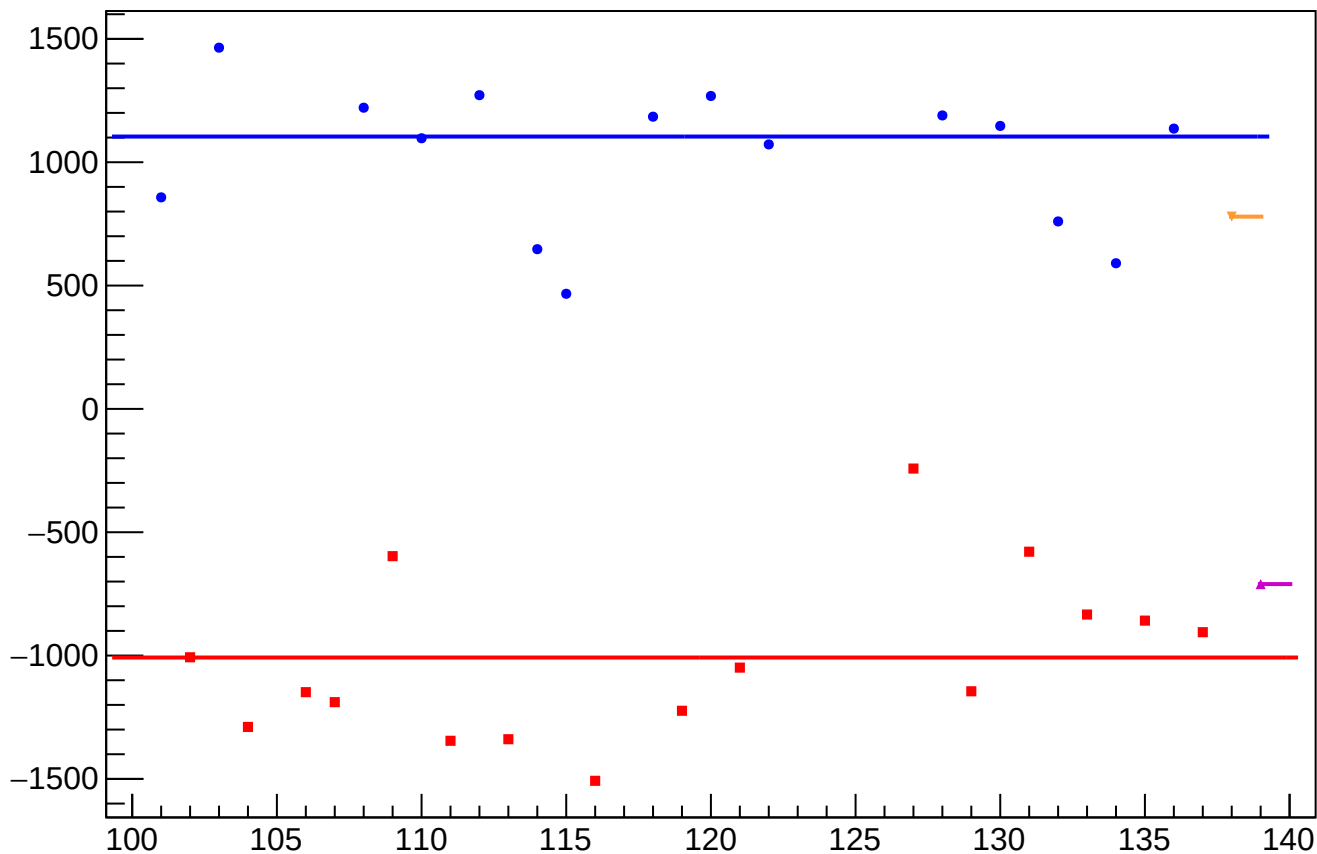
Left In: -93.460 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

80.319 ± 0.000 $\chi^2/\text{NDF}: 129037775597186953$

1.502 ± 0.000 $\chi^2/\text{NDF}: 11919541857796$

-78.527 ± 0.000 $\chi^2/\text{NDF}: 15271853393047862$

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

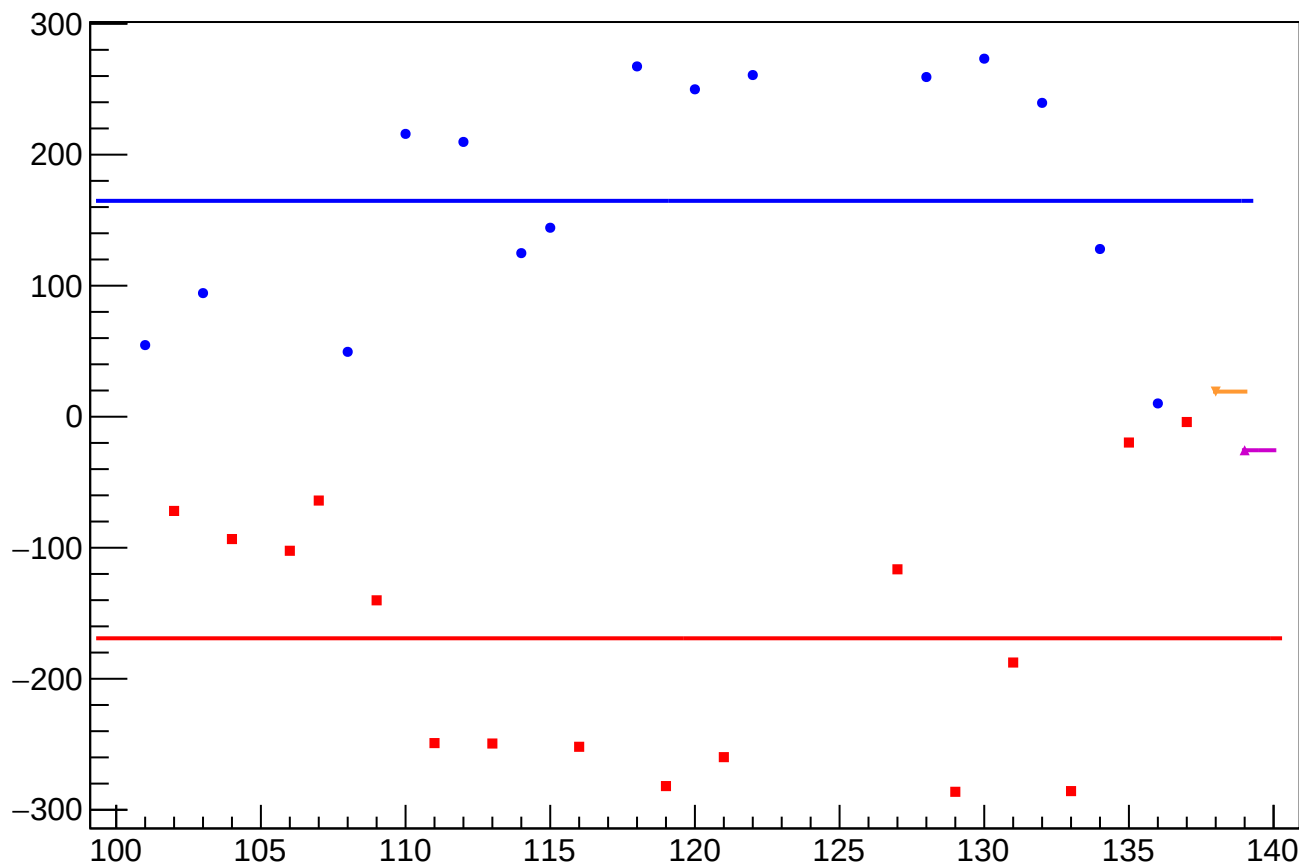
Left In: -710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

48.714+/-0.000 χ^2/NDF : 1639257511460

-987.532+/-0.000 χ^2/NDF : 7312336526238823

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

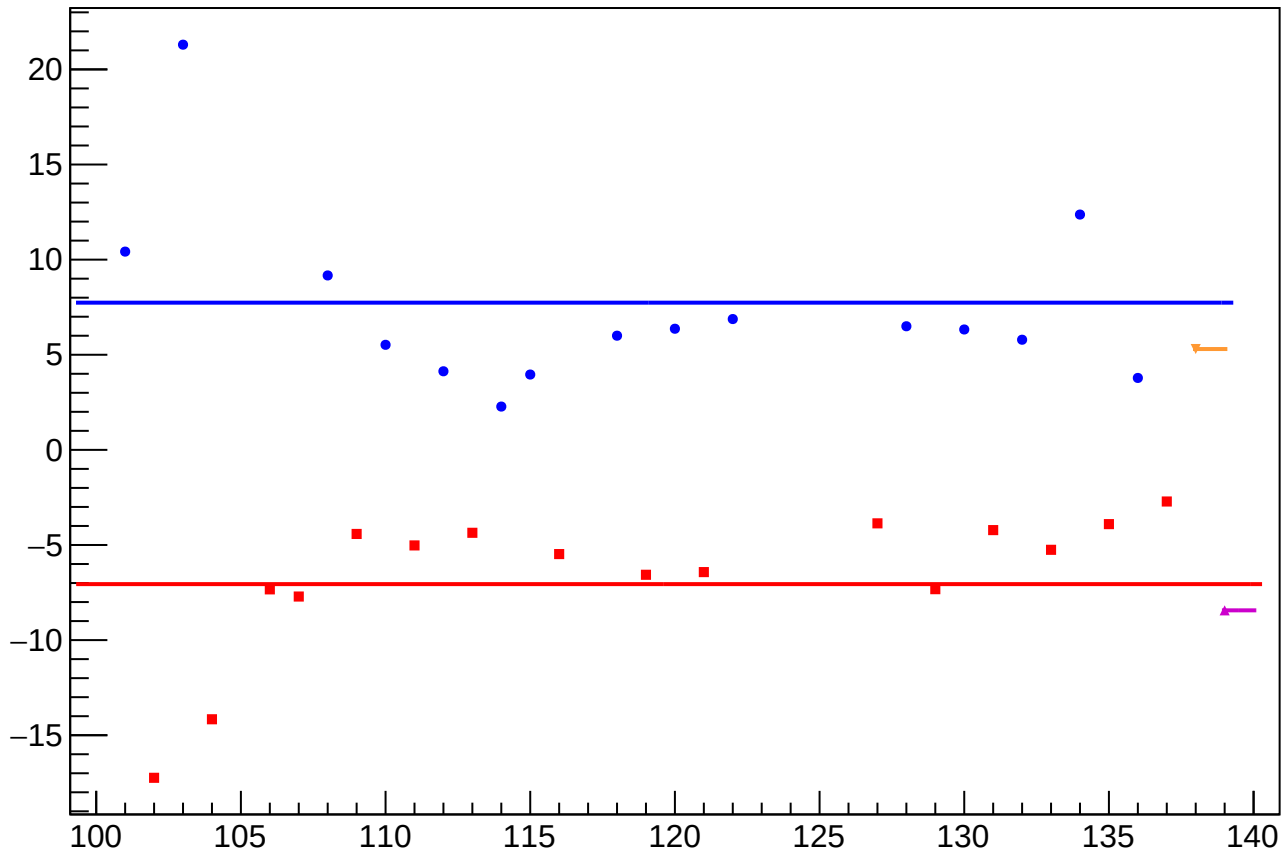
Left In: -25.588+/-0.000 χ^2/NDF : 0.0/0

149.133+/-0.000 χ^2/NDF : 78454418555048443

-3.901+/-0.000 χ^2/NDF : 4913968489775

-159.286+/-0.000 χ^2/NDF : 6980948900193939

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14

Left Out: 5.301 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.057 $\pm$ 0.000 χ^2 /NDF: 11292441204139394792341242753581056.0/15

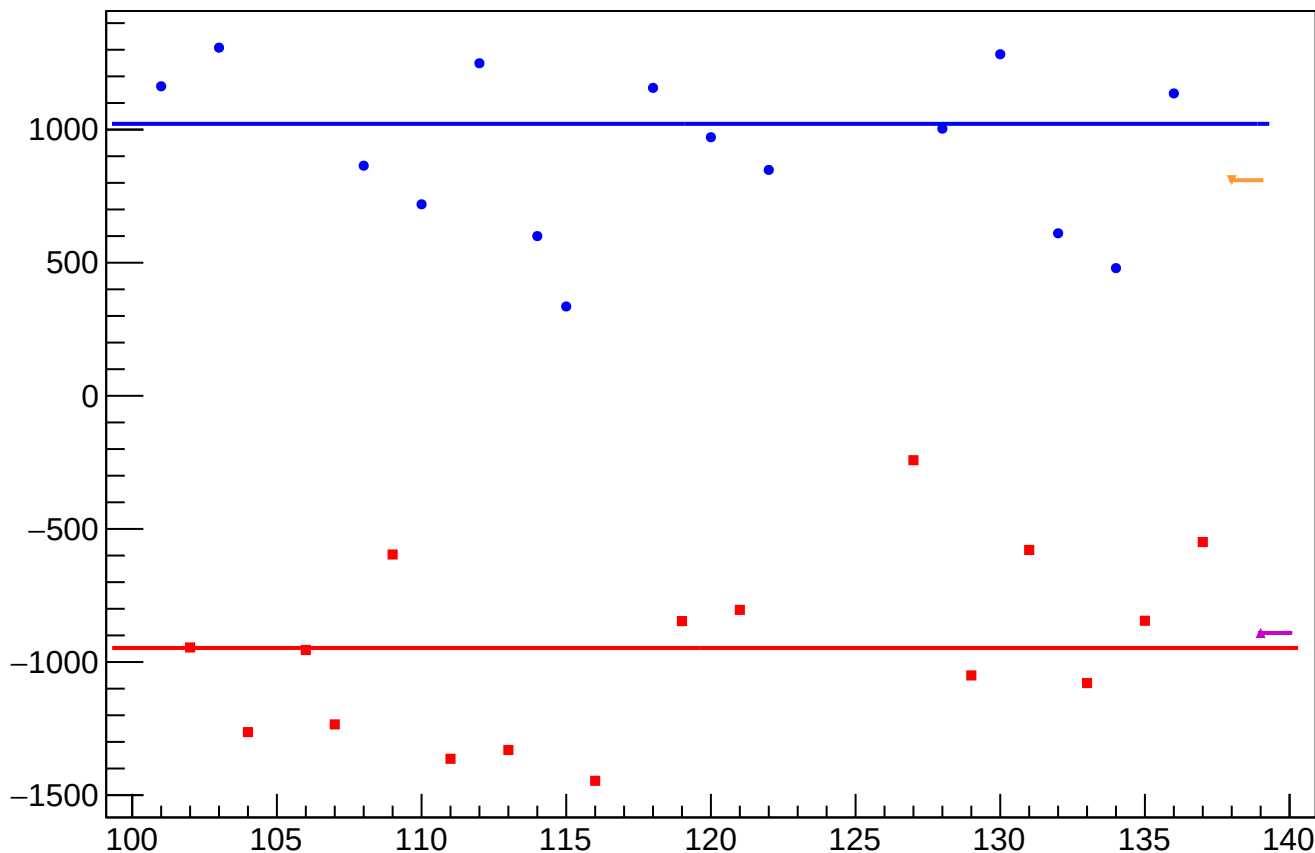
Left In: -8.436 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.477 $\pm$ 0.000 χ^2 /NDF: 155409555804657686

0.219 $\pm$ 0.000 χ^2 /NDF: 10410953542490

-7.151 $\pm$ 0.000 χ^2 /NDF: 113792176969797053

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

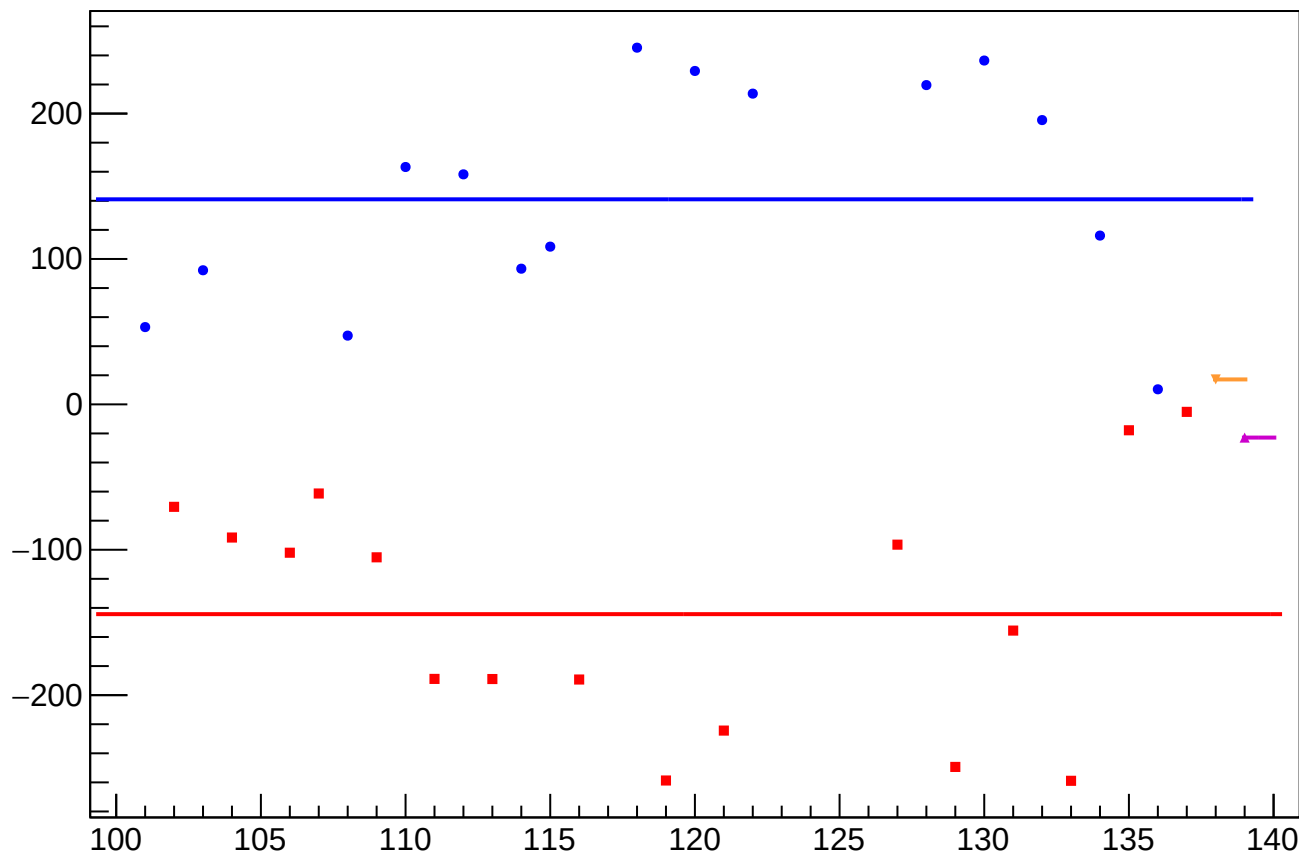
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

-943.293+/-0.000 χ^2/NDF : 6792928152620452

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

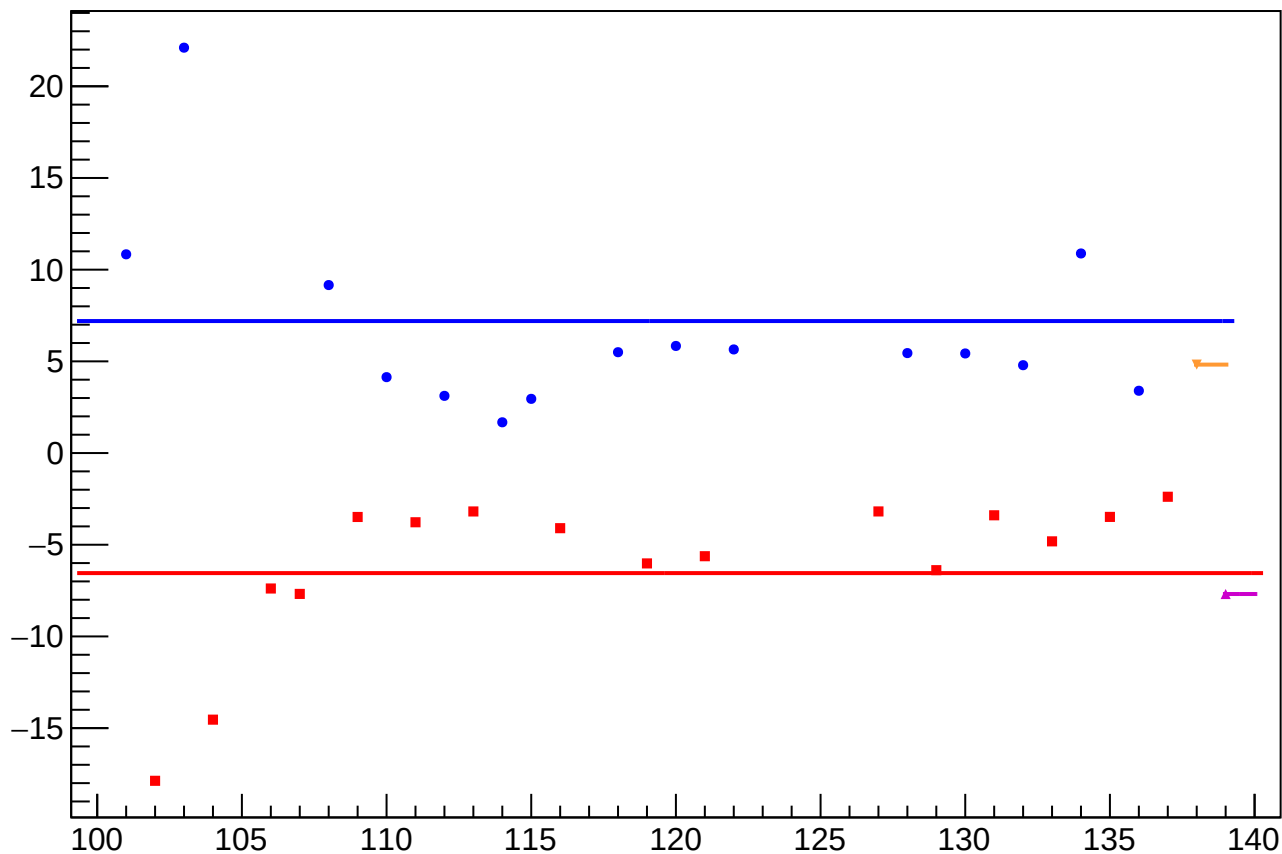
Left In: -22.848+/-0.000 χ^2/NDF : 0.0/0

127.741+/-0.000 χ^2/NDF : 55765703605340717

-3.111+/-0.000 χ^2/NDF : 3560478447195

-135.973+/-0.000 χ^2/NDF : 4941465728817418

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 4.823+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

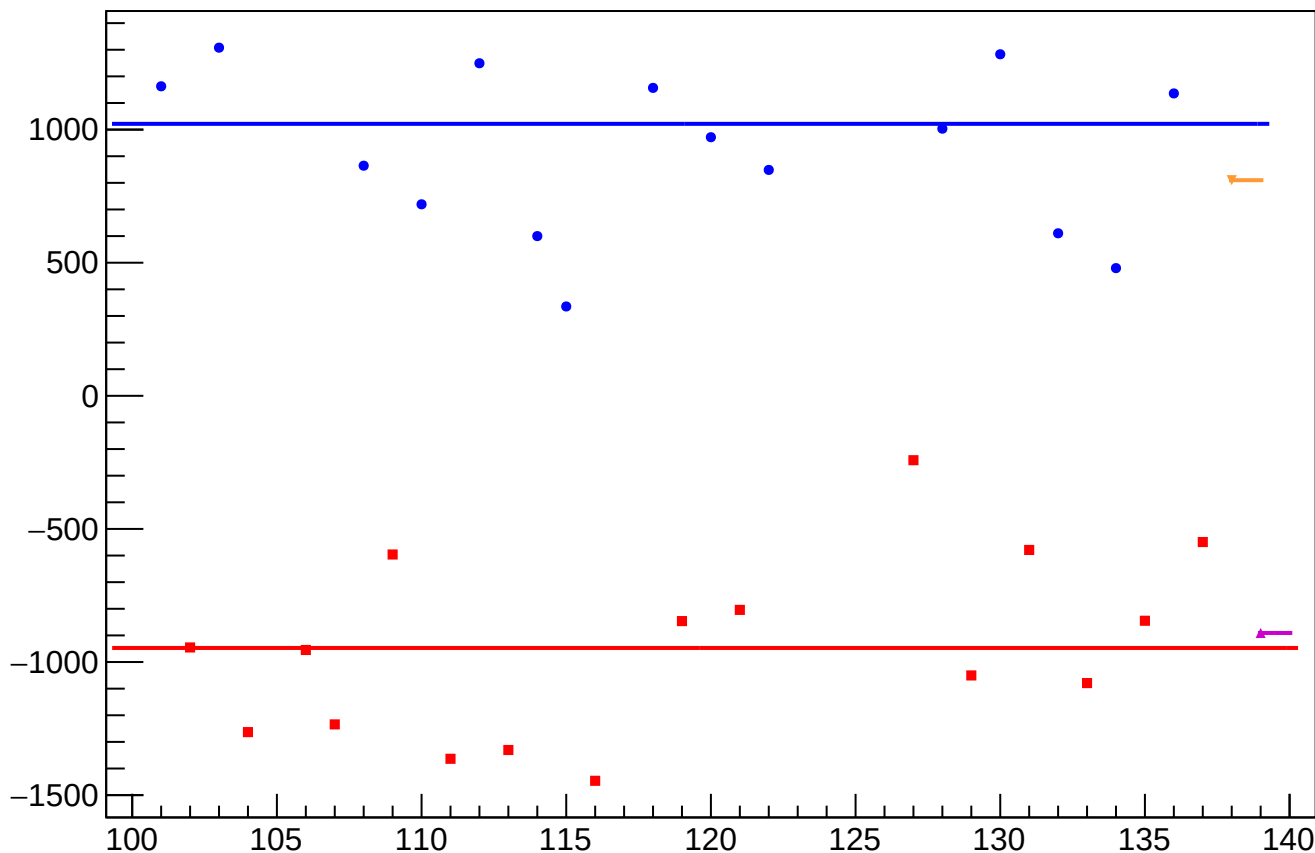
Left In: -7.687+/-0.000 χ^2/NDF : 0.0/0

6.943+/-0.000 χ^2/NDF : 1860545869753458887

0.211+/-0.000 χ^2/NDF : 99146998644086

-6.625+/-0.000 χ^2/NDF : 141382990136304653

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

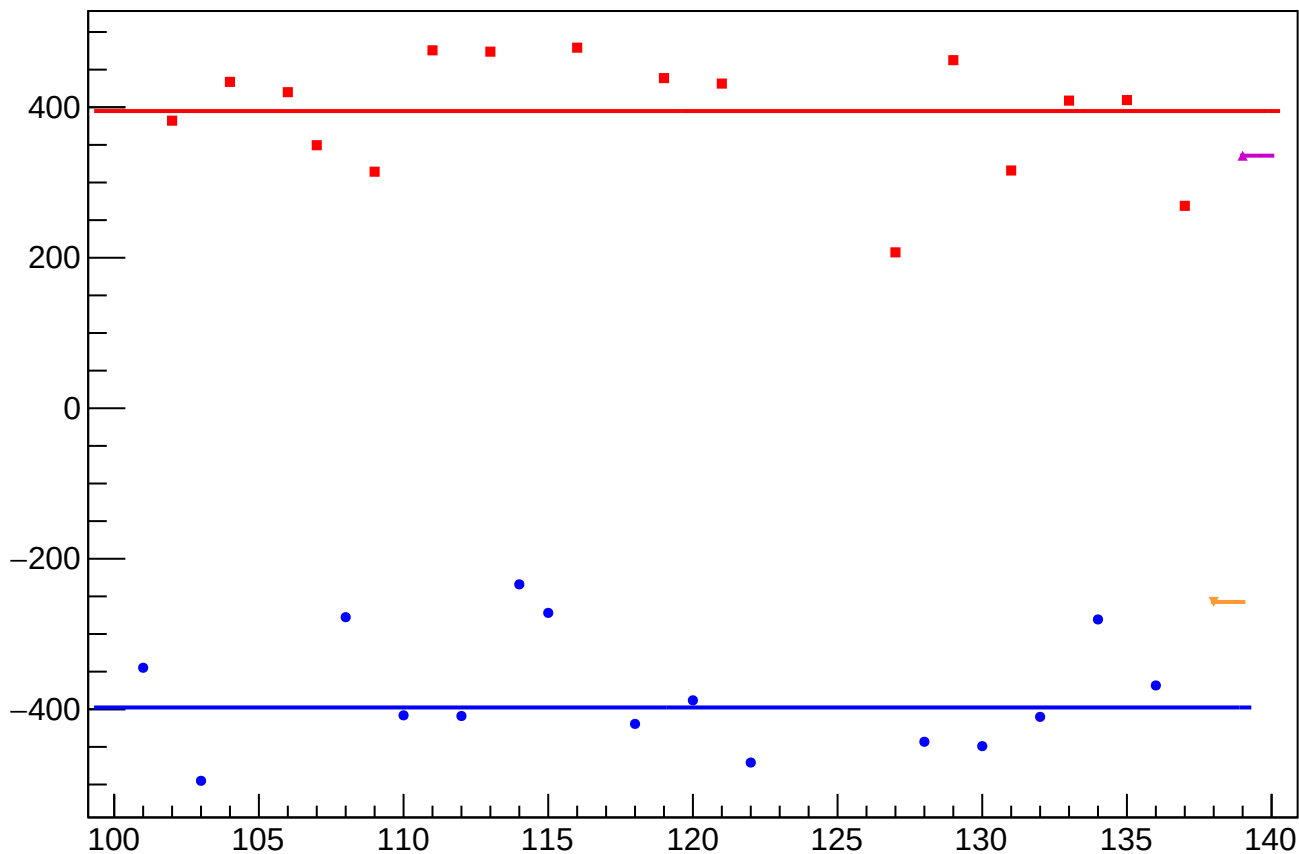
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

-943.293+/-0.000 χ^2/NDF : 6792928152620452

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -257.409+/-0.000 χ^2/NDF : 0.0/0

Right Out: 394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

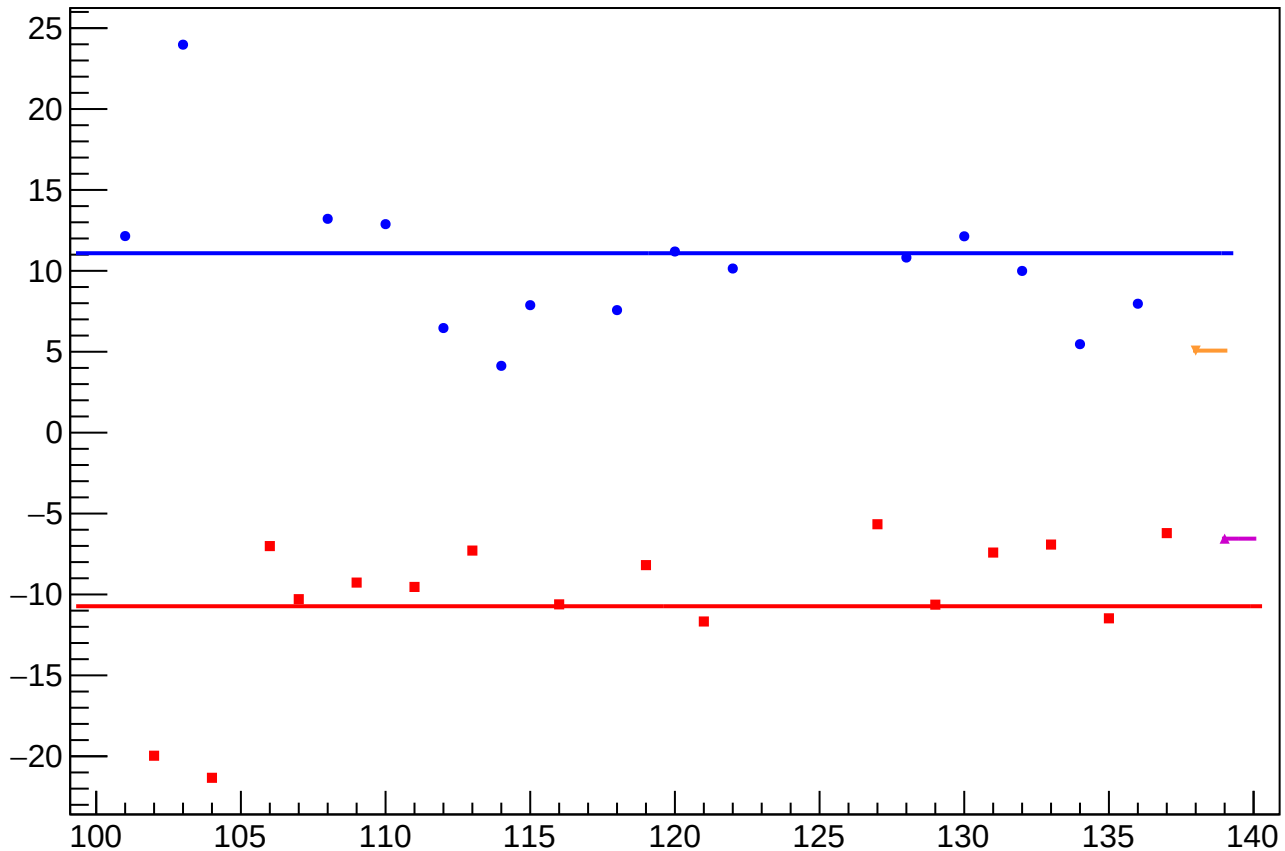
Left In: 335.670+/-0.000 χ^2/NDF : 0.0/0

-382.570+/-0.000 χ^2/NDF : 4030042905716872

1.224+/-0.000 χ^2/NDF : 22369265272273

390.914+/-0.000 χ^2/NDF : 38461266708833962

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

Left Out: 5.070 $\pm$ 0.000 χ^2 /NDF:61.5/0

Right Out: -10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

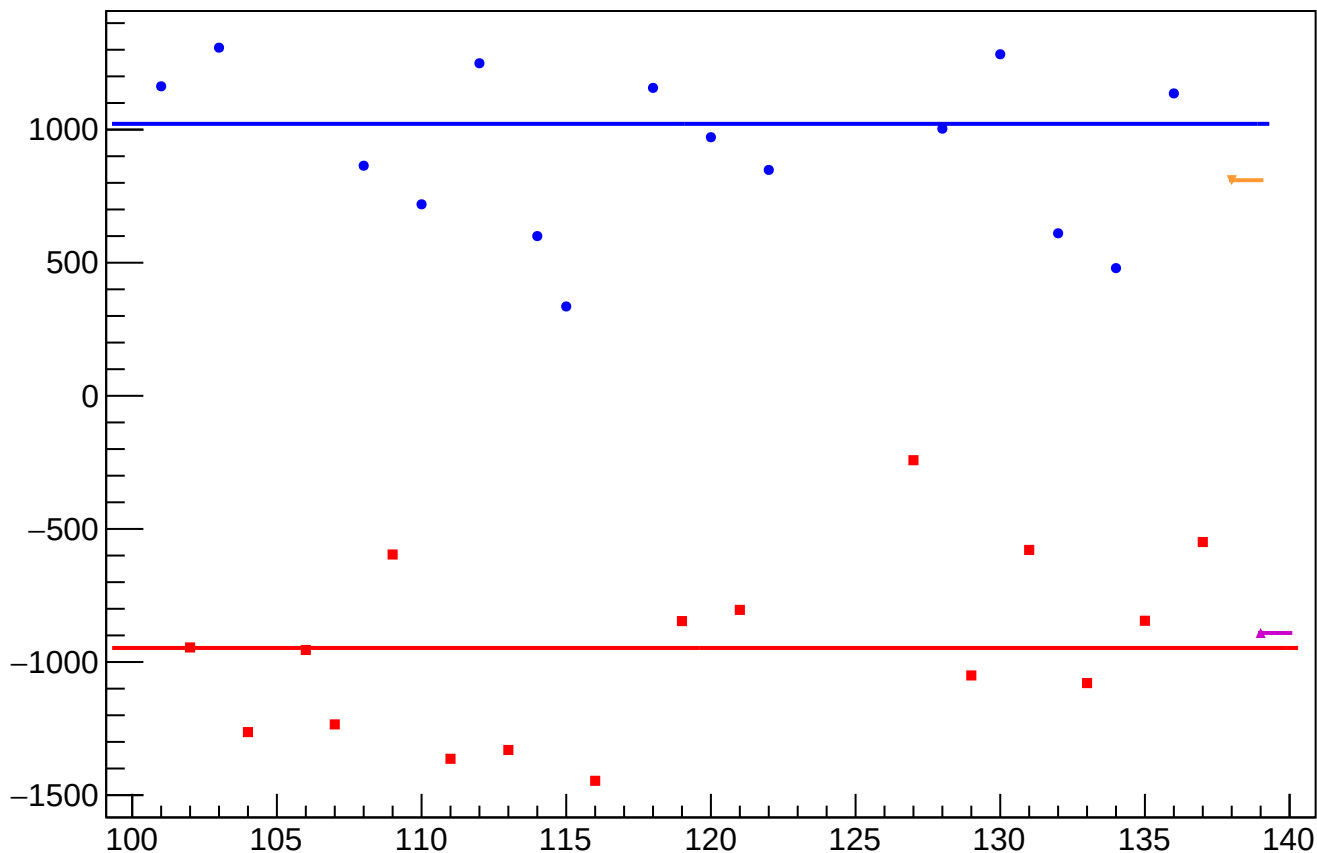
Left In: -6.551 $\pm$ 0.000 χ^2 /NDF:38.7/0

10.443 $\pm$ 0.000 χ^2 /NDF: 167582243412366616

0.080 $\pm$ 0.000 χ^2 /NDF: 18966475129222

-10.442 $\pm$ 0.000 χ^2 /NDF: 15563544709419958

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

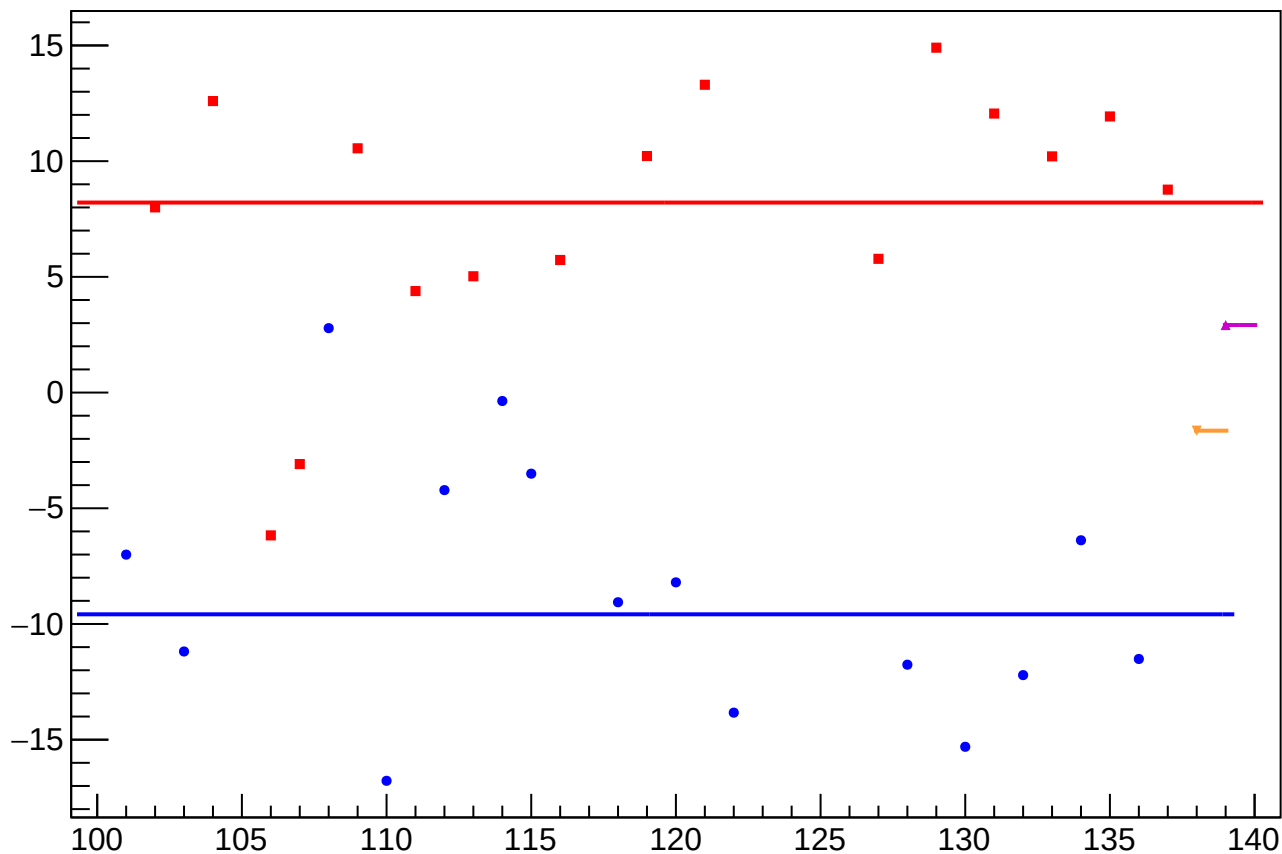
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

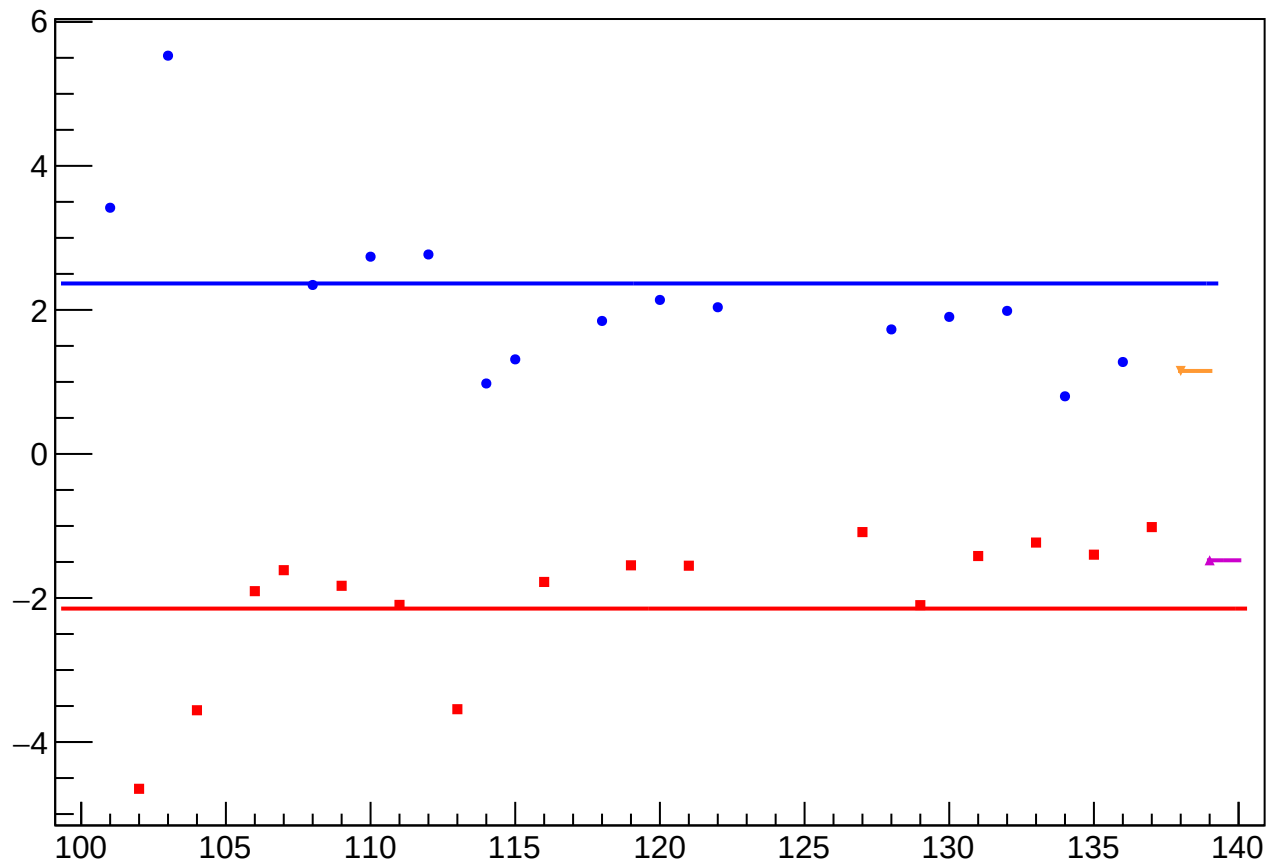
-943.293+/-0.000 χ^2/NDF : 6792928152620452

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: -9.582 ± 0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14
 Left Out: -1.646 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 8.211 ± 0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15
 Left In: 2.919 ± 0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367 ± 0.000 χ^2/NDF : 920633294546152876922066767446016.0/14

Left Out: 1.152 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.147 ± 0.000 χ^2/NDF : 764171992480224478656127555338240.0/15

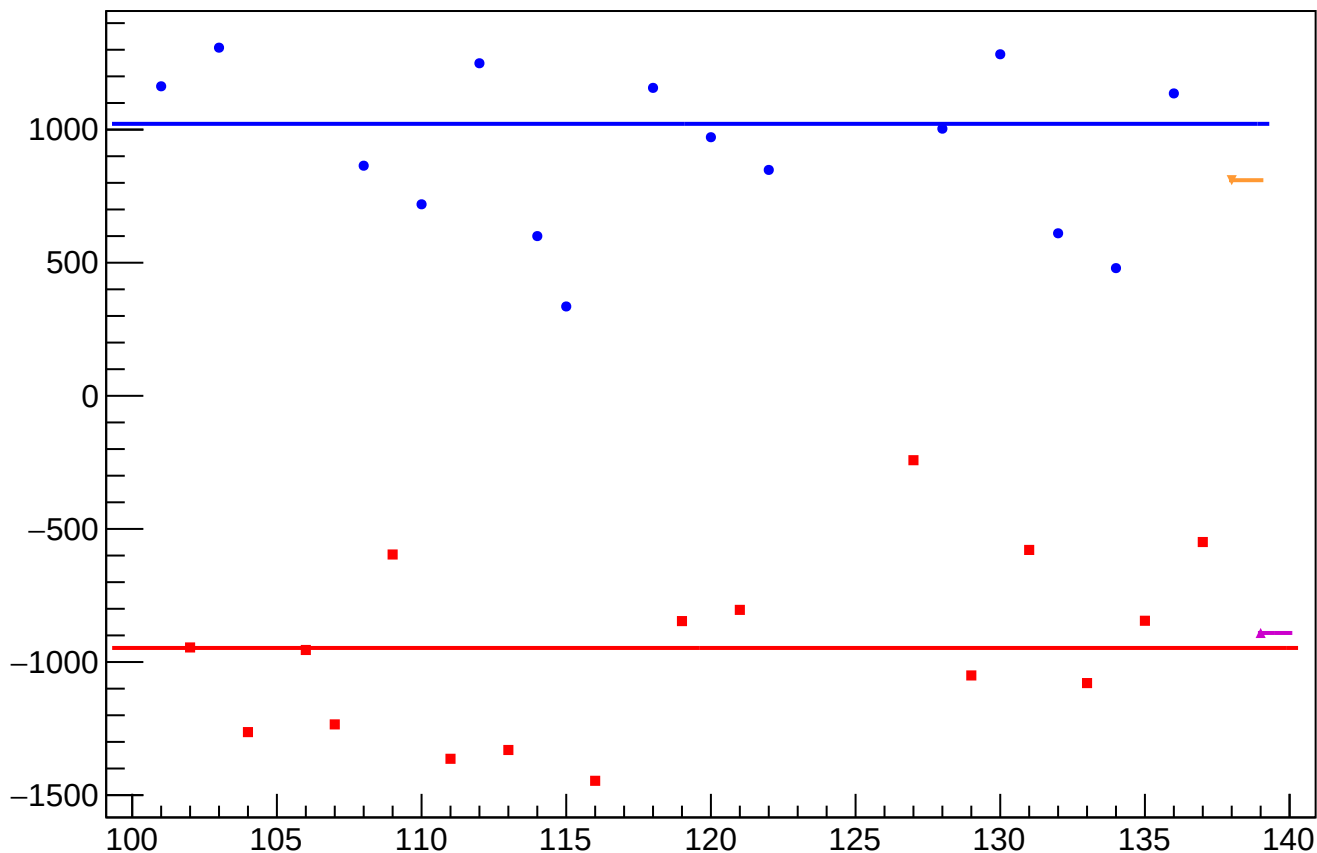
Left In: -1.477 ± 0.000 χ^2/NDF : 0.0/0

2.237 ± 0.000 χ^2/NDF : 1023363418932872054

0.084 ± 0.000 χ^2/NDF : 85961458259887

-2.101 ± 0.000 χ^2/NDF : 784691387836713361

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

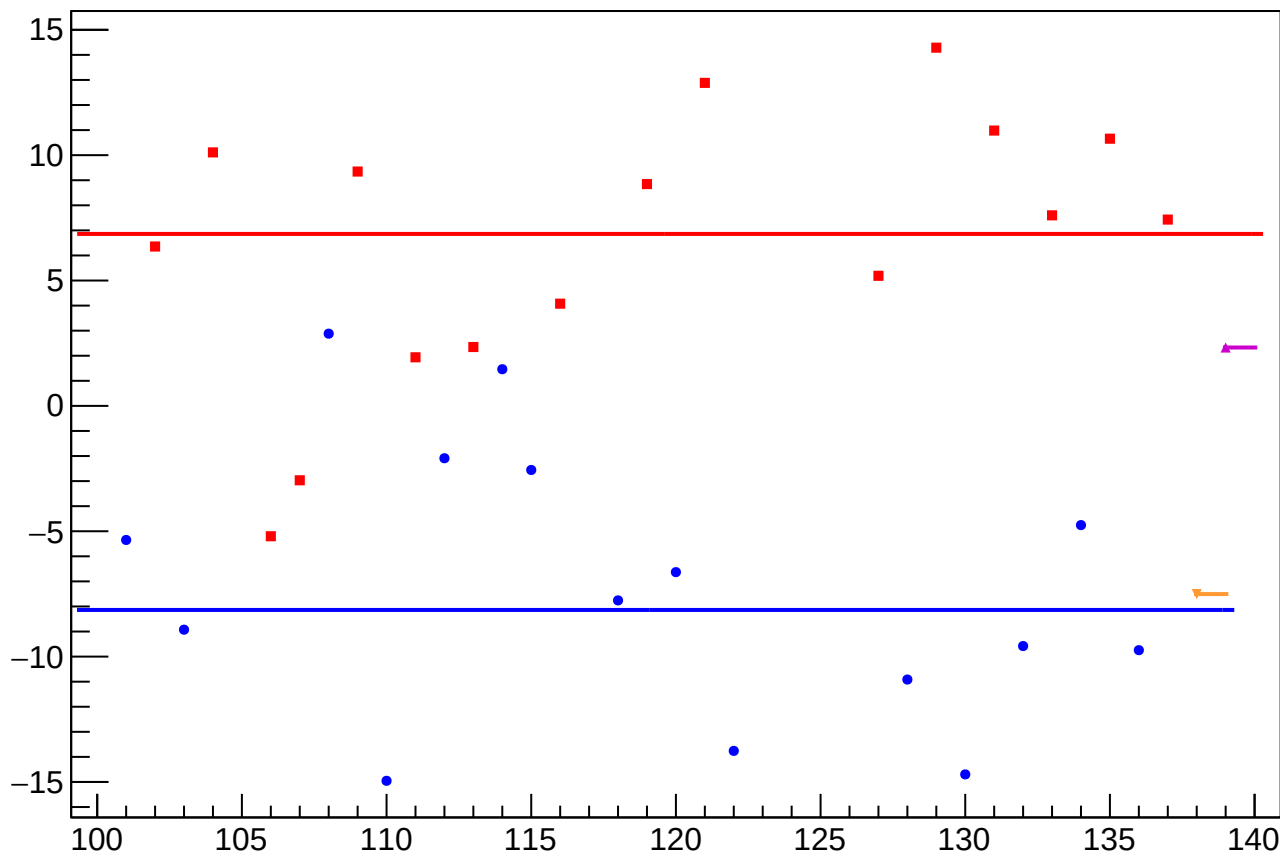
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

-943.293+/-0.000 χ^2/NDF : 6792928152620452

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: -8.139 ± 0.000 $\chi^2/\text{NDF}: 14676442649222120372533779893321728.0/14$

Left Out: -7.506 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 6.859 ± 0.000 $\chi^2/\text{NDF}: 16483631561591790731352632153079808.0/15$

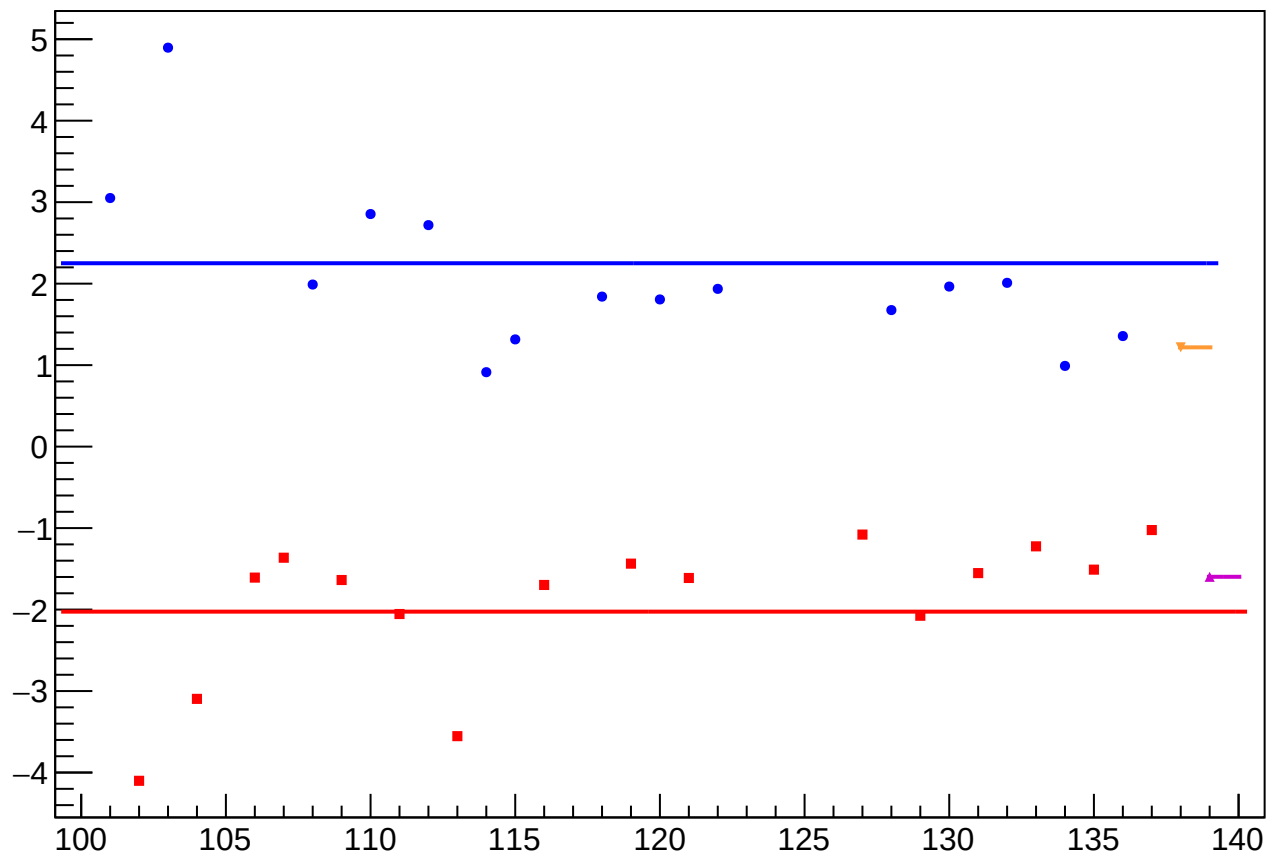
Left In: 2.328 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-8.071 ± 0.000 $\chi^2/\text{NDF}: 147043251449035373$

-0.817 ± 0.000 $\chi^2/\text{NDF}: 10922503094910$

6.549 ± 0.000 $\chi^2/\text{NDF}: 1742049923397646576$

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.250 $\pm$ 0.000 χ^2 /NDF: 656774588136274816295442701090816.0/14

Left Out: 1.218 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.025 $\pm$ 0.000 χ^2 /NDF: 578717441762956454616505599918080.0/15

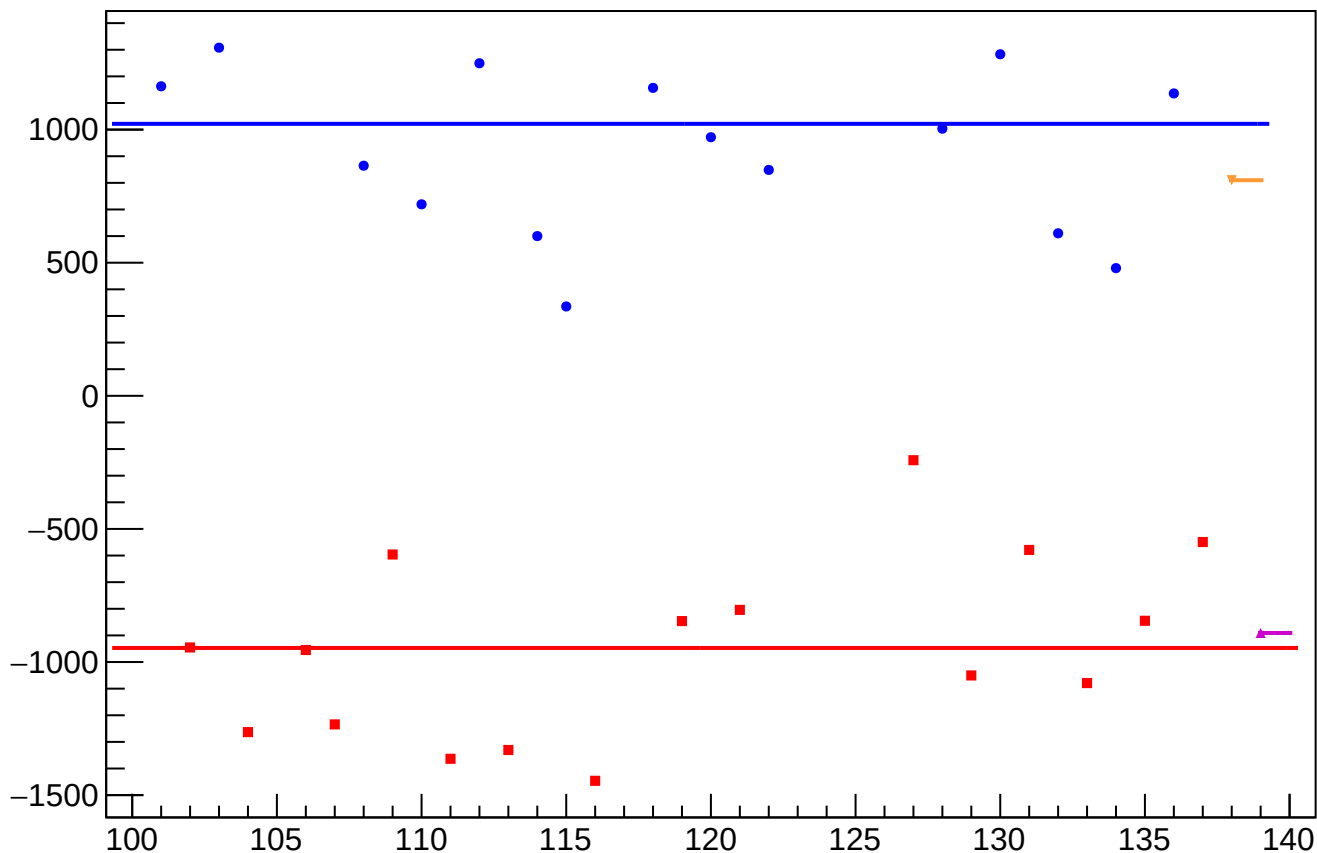
Left In: -1.598 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.140 $\pm$ 0.000 χ^2 /NDF: 7309809675163754010

0.088 $\pm$ 0.000 χ^2 /NDF: 74881310043920

-1.996 $\pm$ 0.000 χ^2 /NDF: 587067962424717489

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

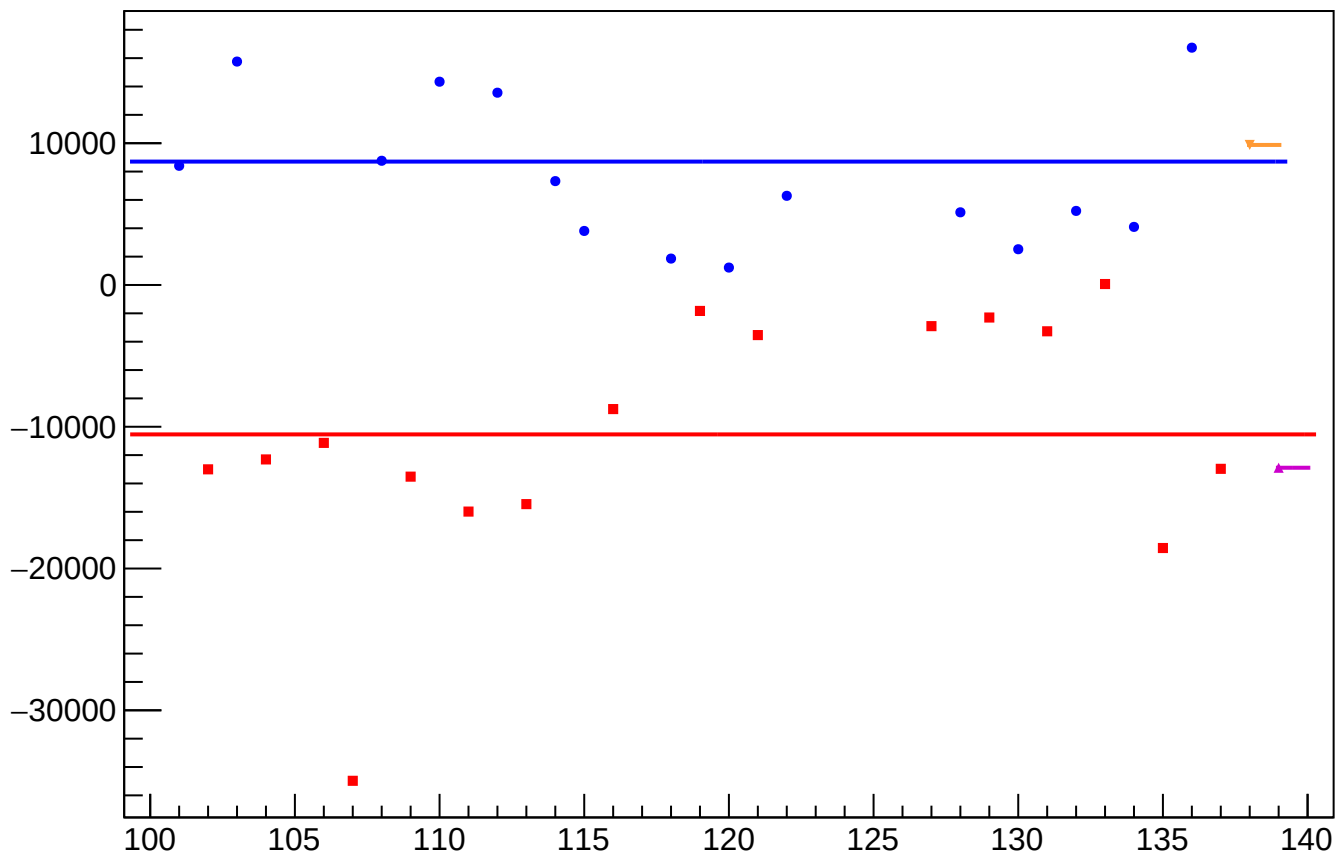
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

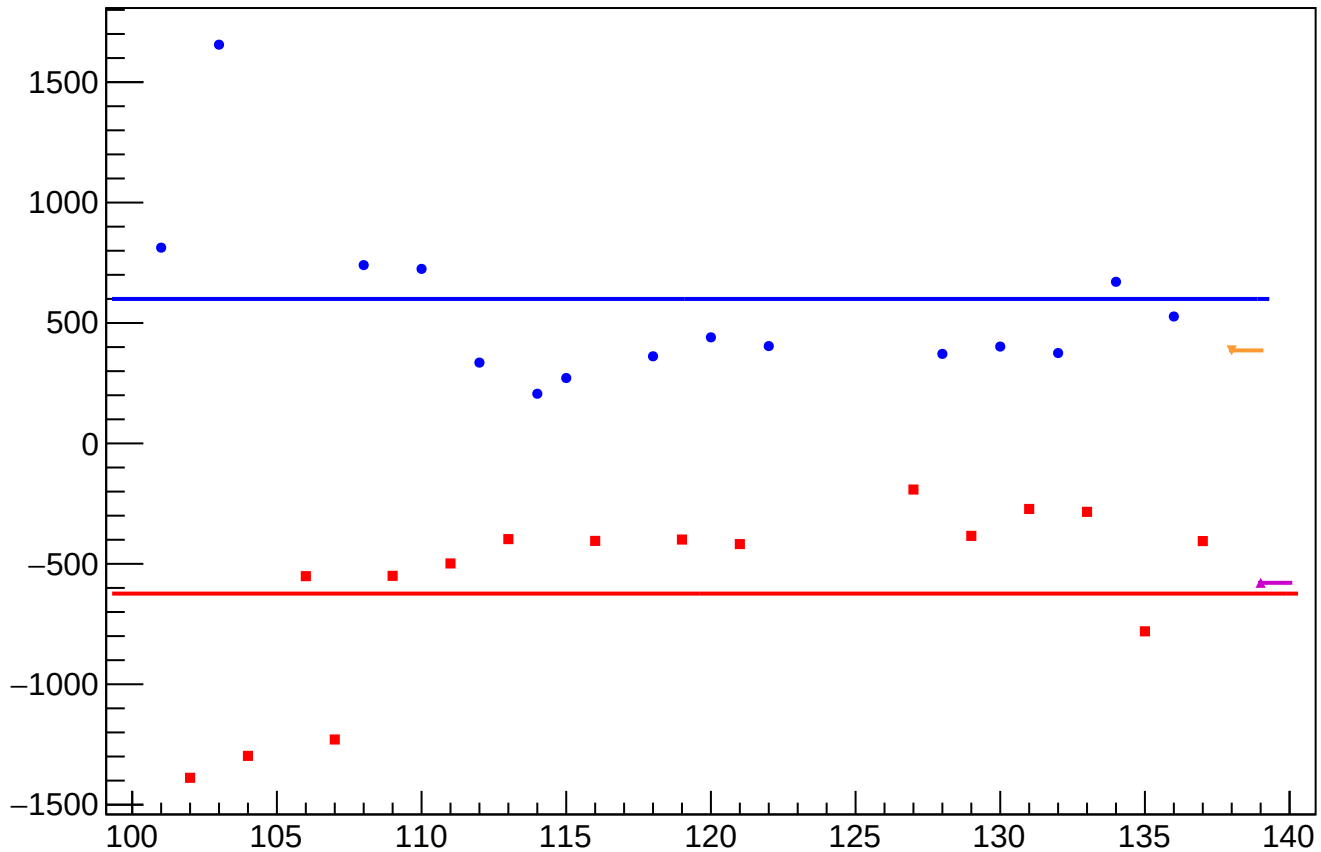
-943.293+/-0.000 χ^2/NDF : 6792928152620452

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 9877.968+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: -12891.207+/-0.000 χ^2/NDF : 162127400.1/0

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

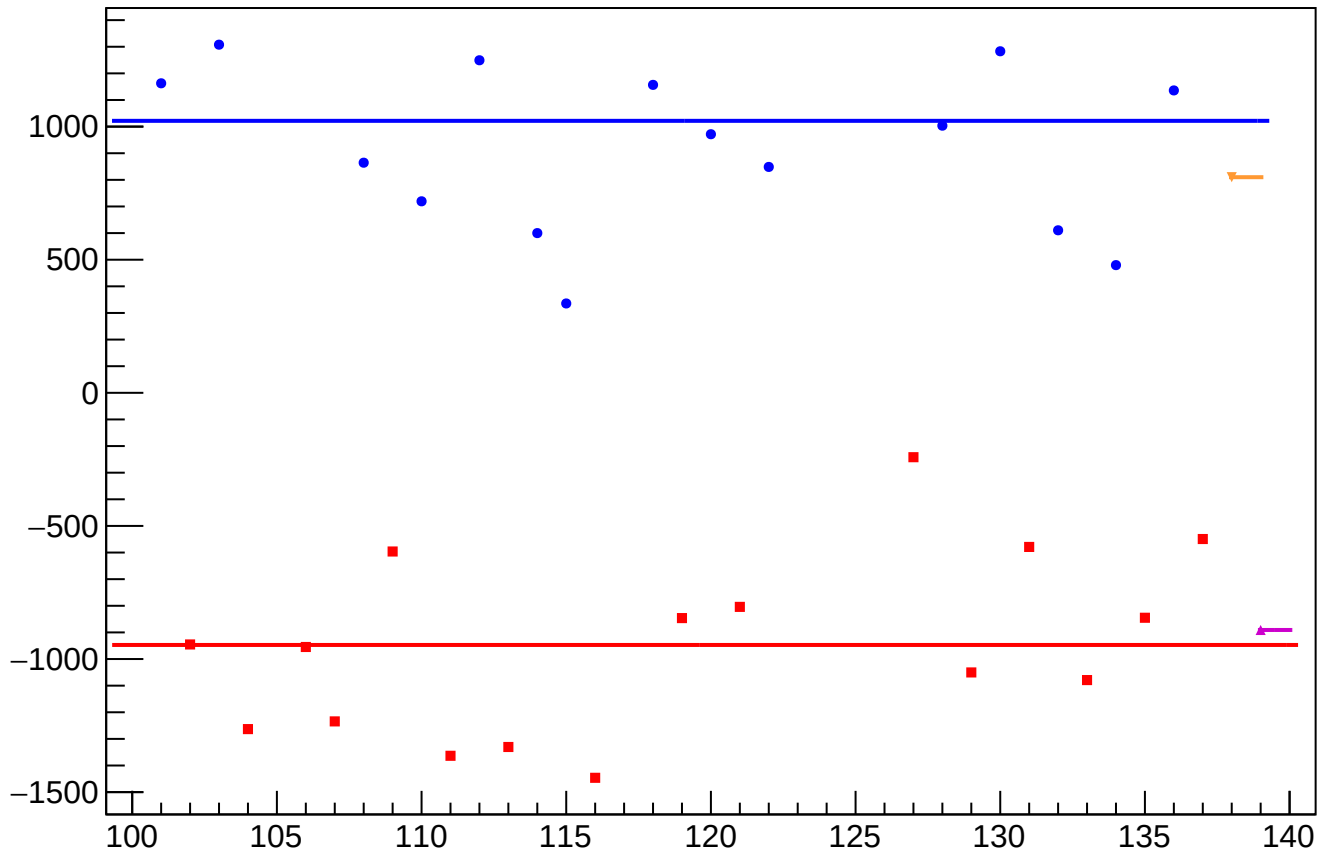
Left In: -578.778+/-0.000 χ^2/NDF : 0.0/0

576.925+/-0.000 χ^2/NDF : 92437983638868674

-17.226+/-0.000 χ^2/NDF : 711204023756

-620.504+/-0.000 χ^2/NDF : 1015404221982215

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

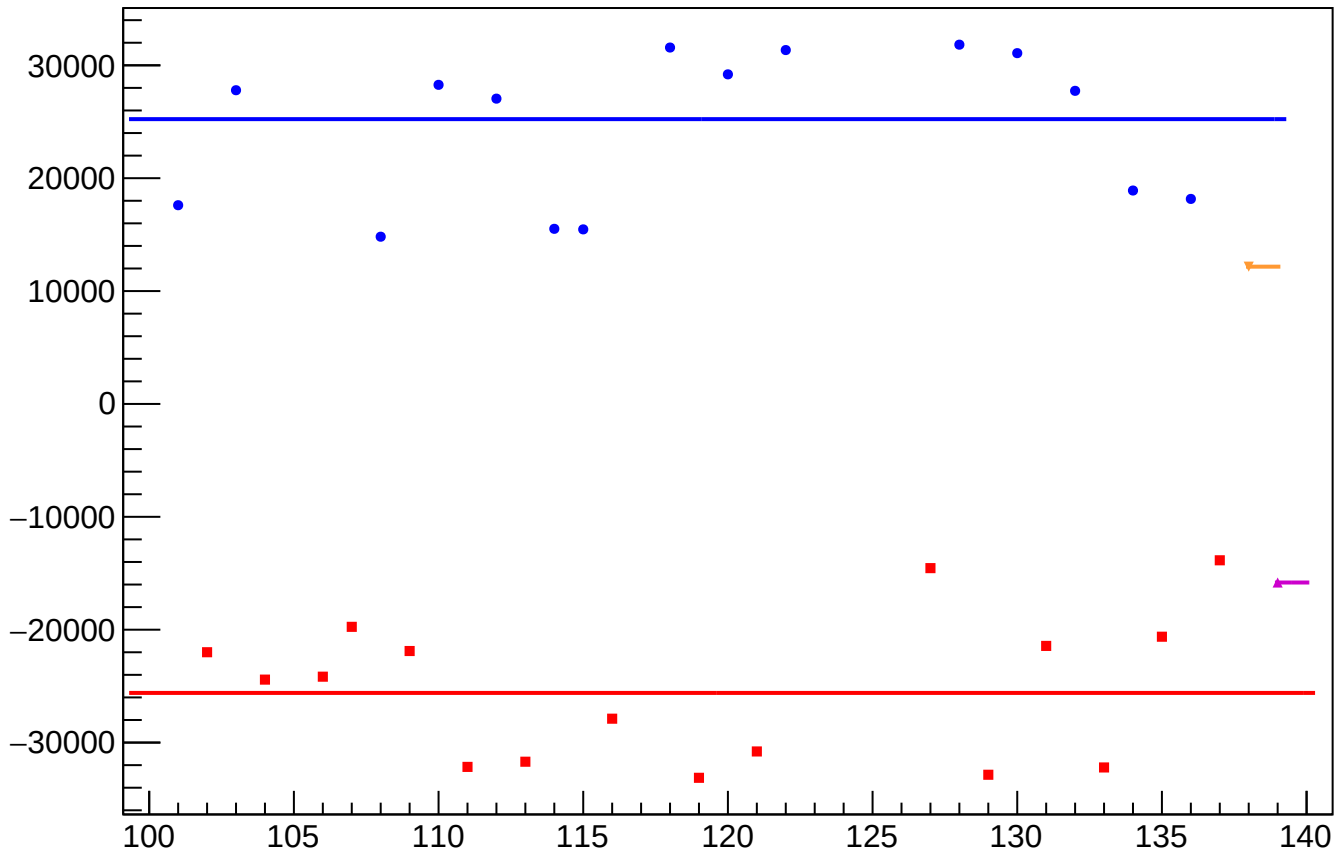
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

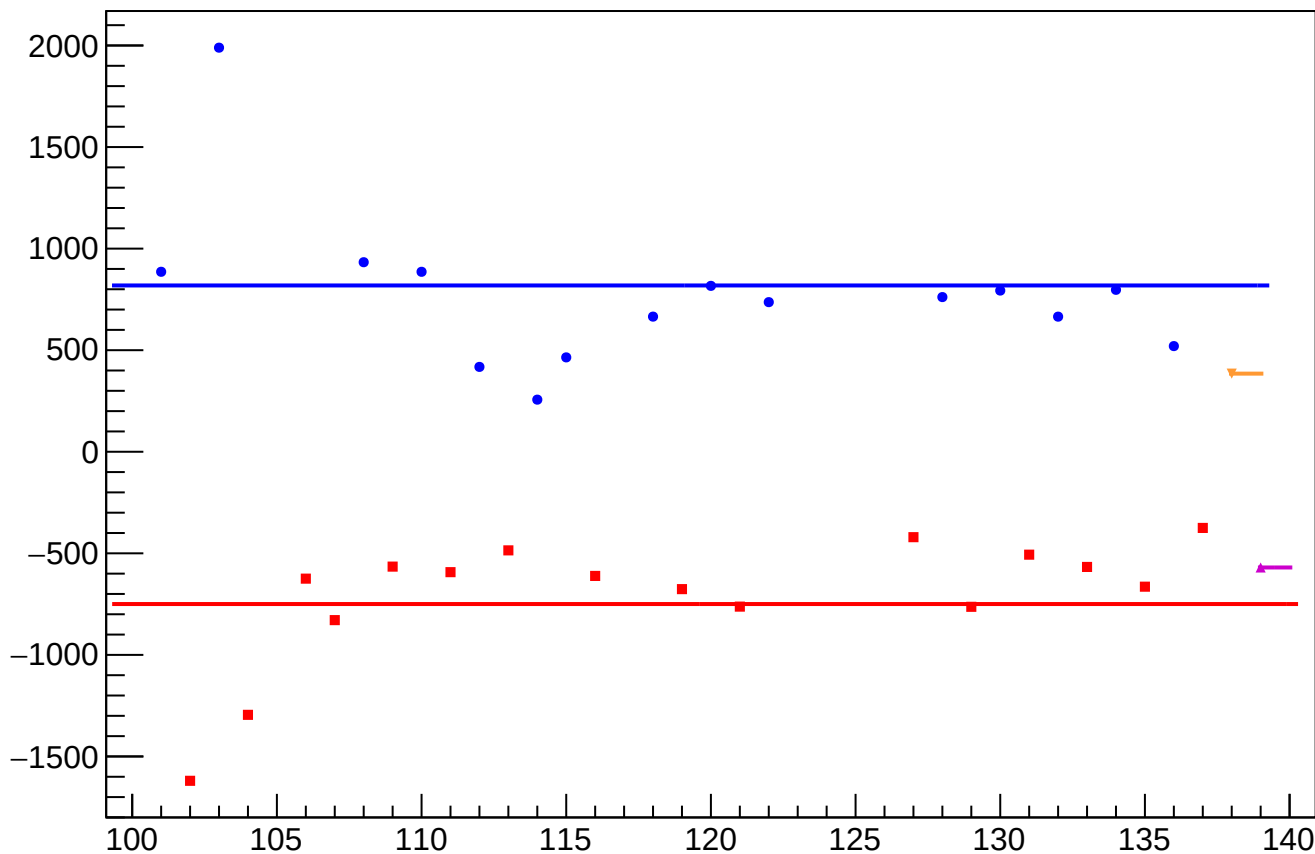
-943.293+/-0.000 χ^2/NDF : 6792928152620452

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: -15819.839+/-0.000 χ^2/NDF : 0.0/0

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

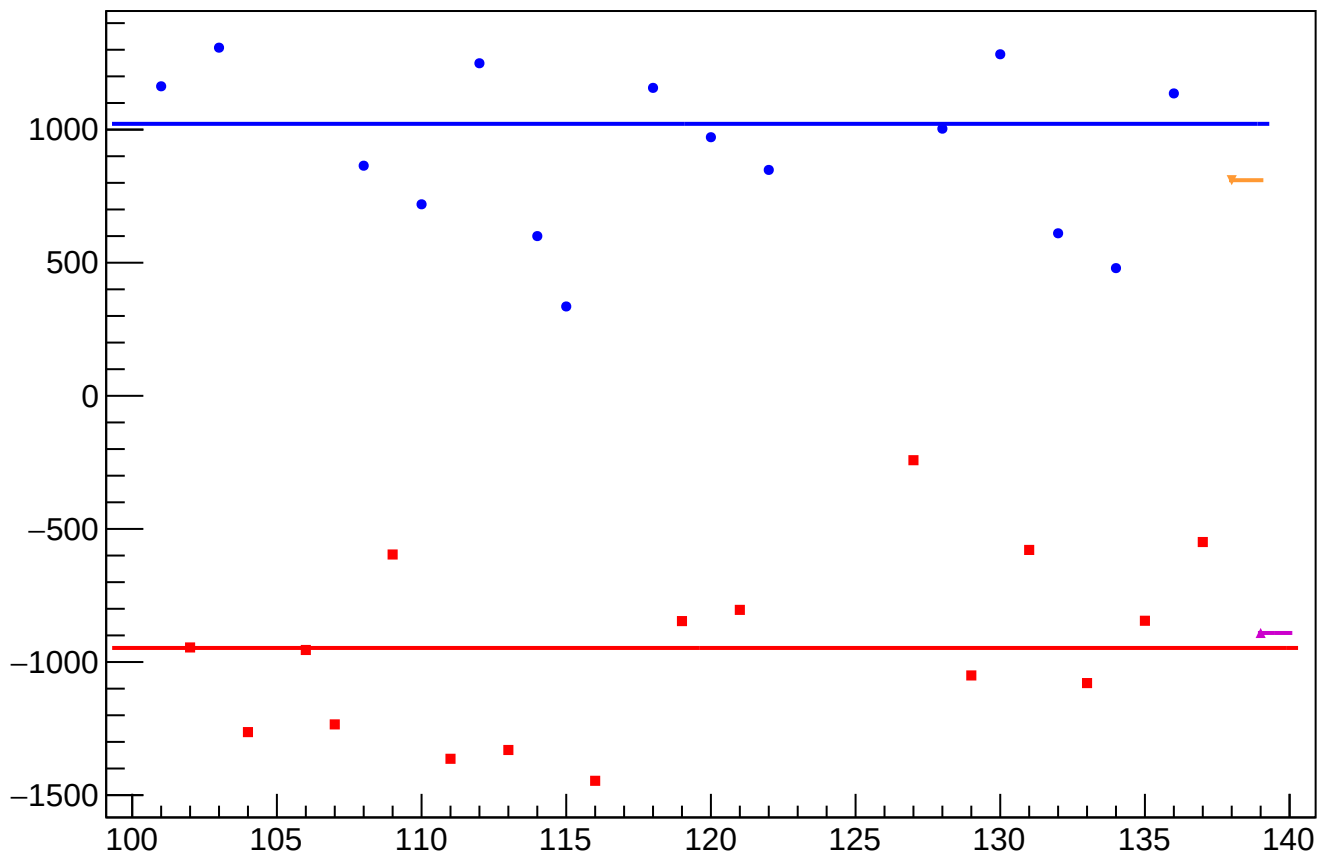
Left In: -569.685+/-0.000 χ^2/NDF : 0.0/0

772.097+/-0.000 χ^2/NDF : 11872600100837571

23.129+/-0.000 χ^2/NDF : 1020067193052

-737.345+/-0.000 χ^2/NDF : 7945125284925203

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

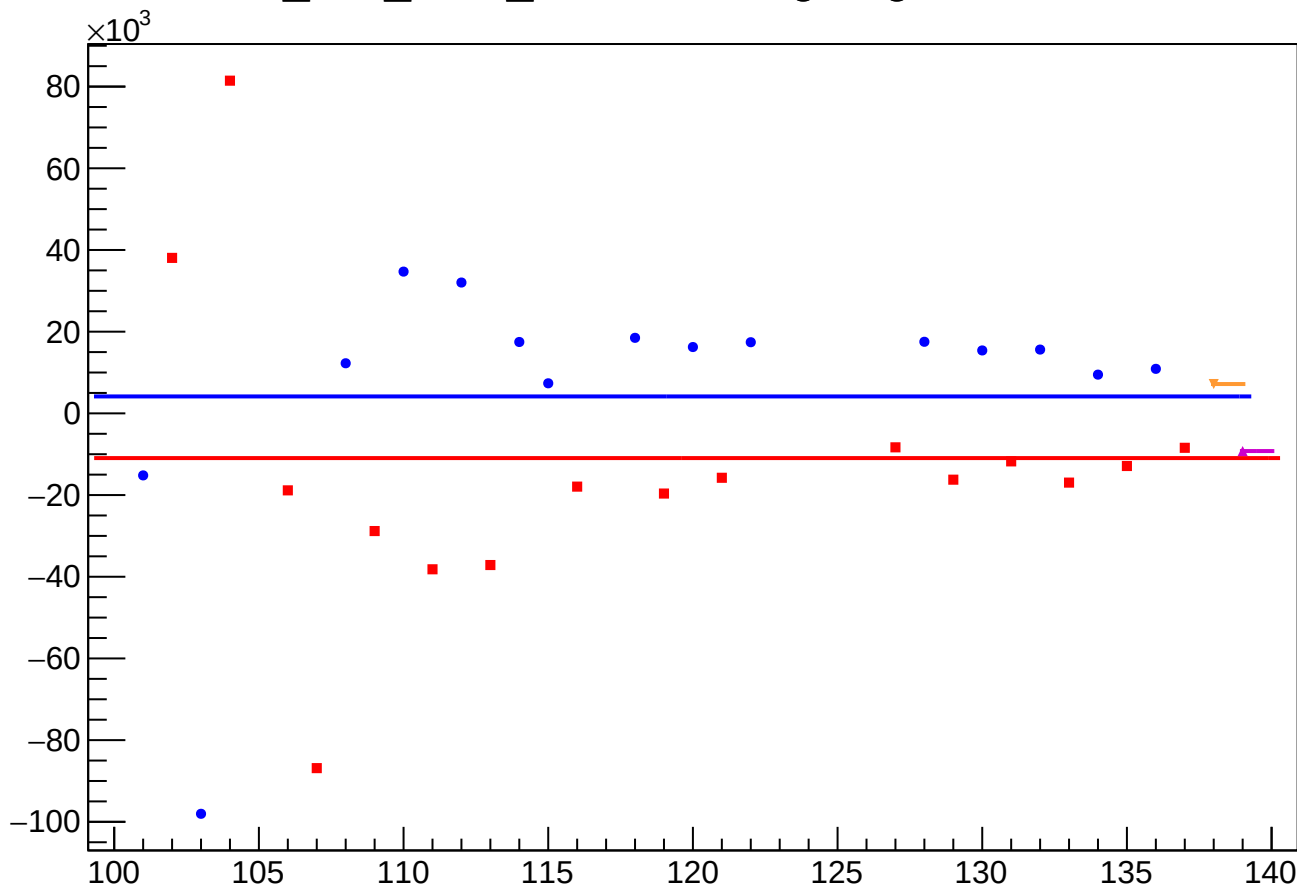
Left In: -890.857 ± 0.000 χ^2/NDF : 0.0/0

998.970 ± 0.000 χ^2/NDF : 43614050609869573

35.241 ± 0.000 χ^2/NDF : 1472352390468

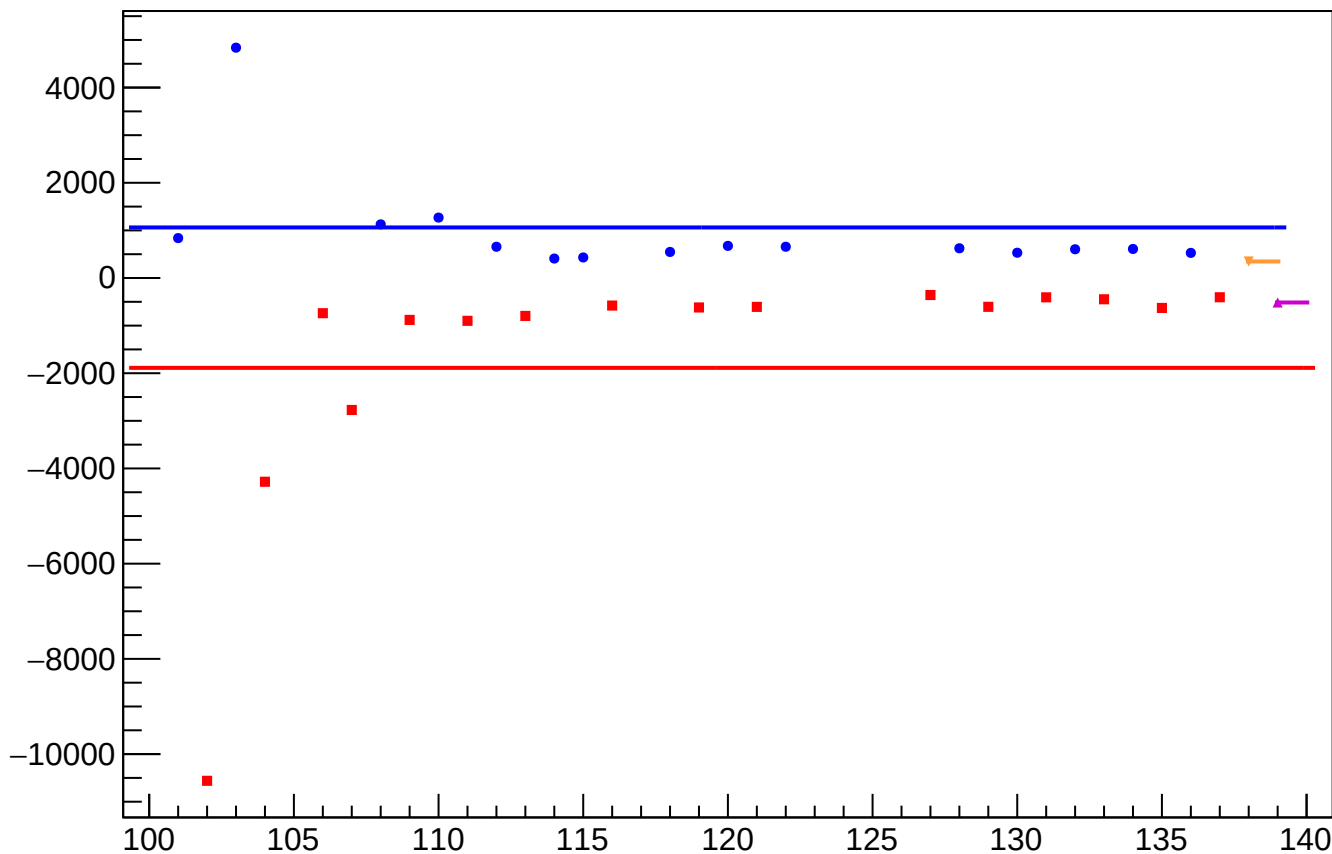
-943.293 ± 0.000 χ^2/NDF : 6792928152620452

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: -9225.389 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

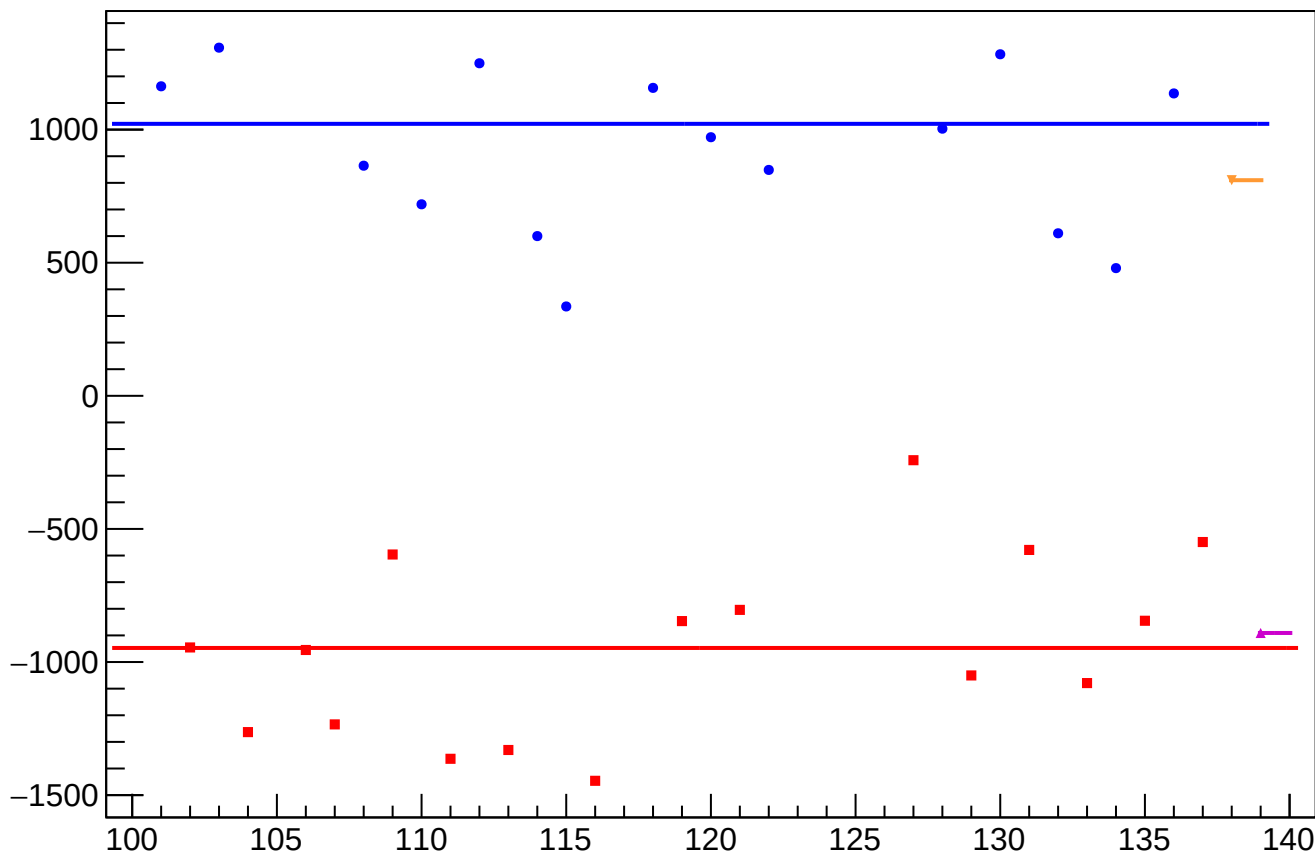
Left In: -514.318+/-0.000 χ^2/NDF : 0.0/0

985.432+/-0.000 χ^2/NDF : 98840014559287958

-393.259+/-0.000 χ^2/NDF : 93852691854

-1793.131+/-0.000 χ^2/NDF : 561189228778479

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

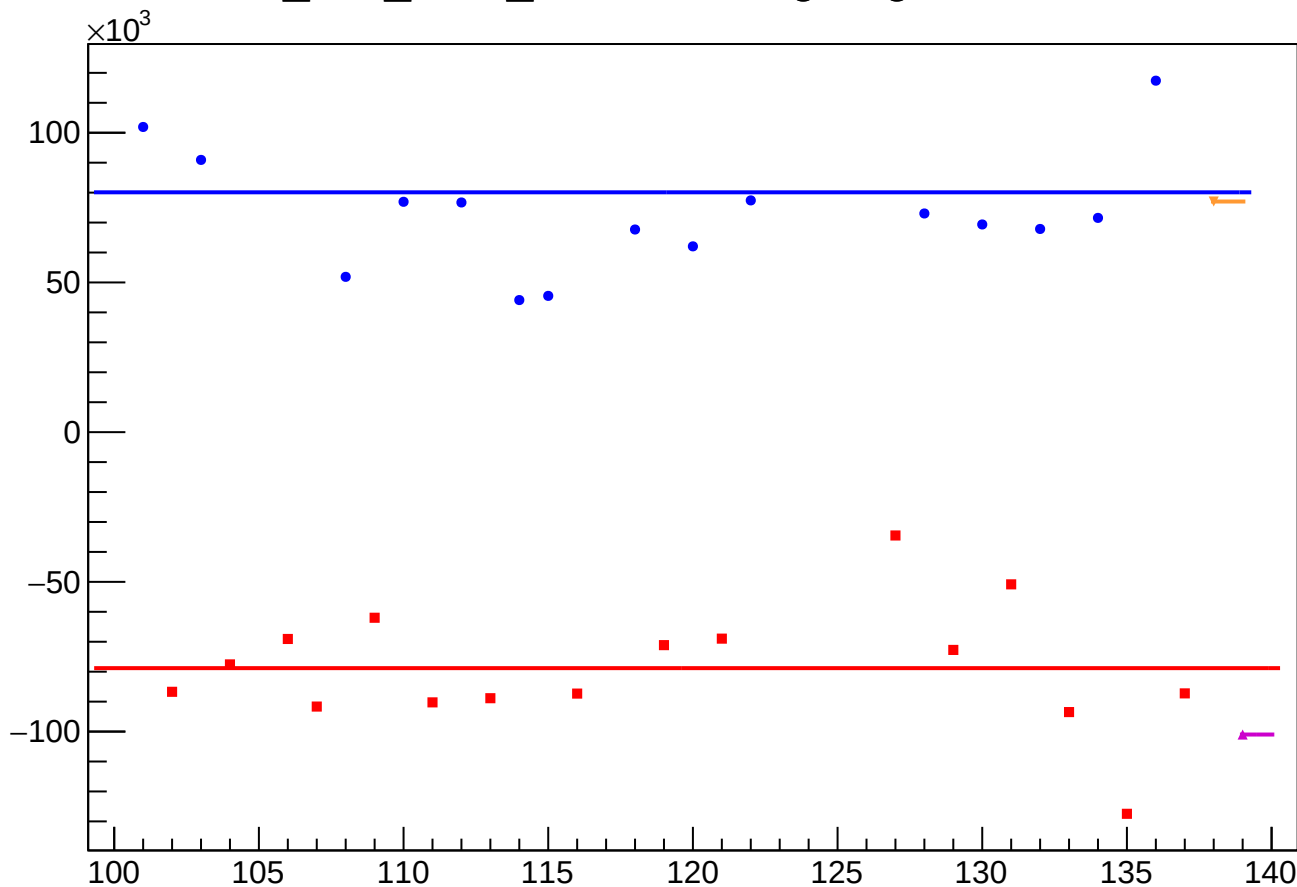
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

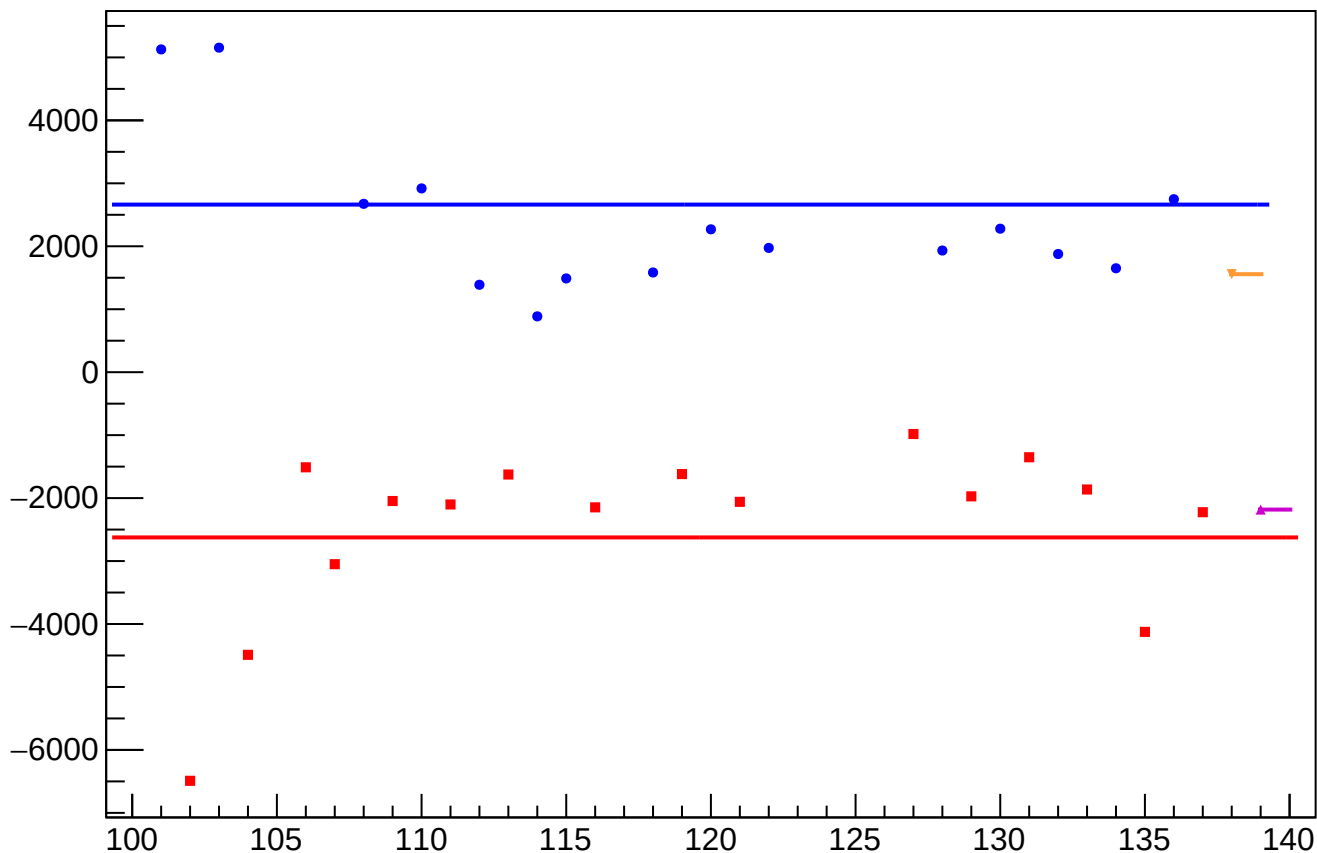
-943.293+/-0.000 χ^2/NDF : 6792928152620452

dit_atl2_coil7_mean vs Slug, Sign Corrected



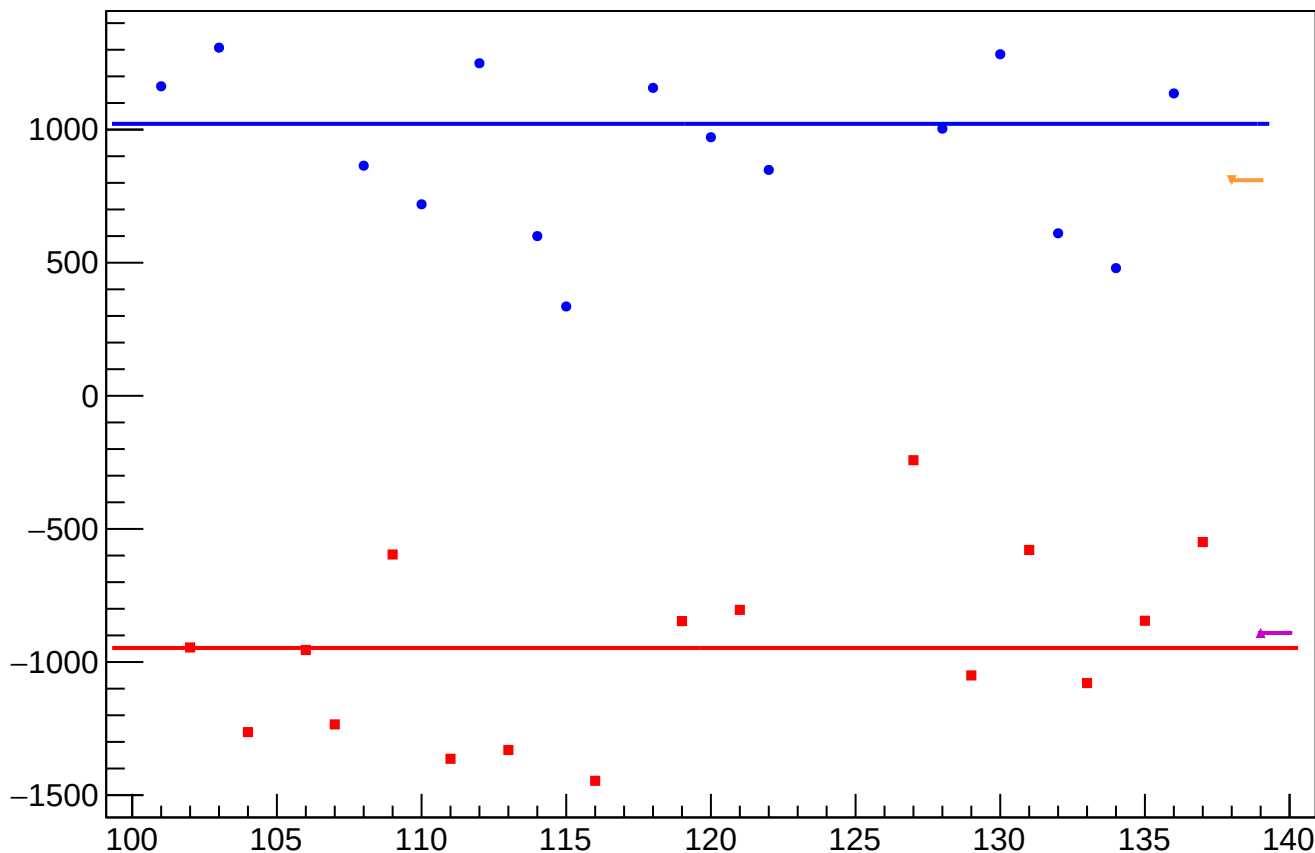
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 77030.667 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: -100988.942 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: -2182.318+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

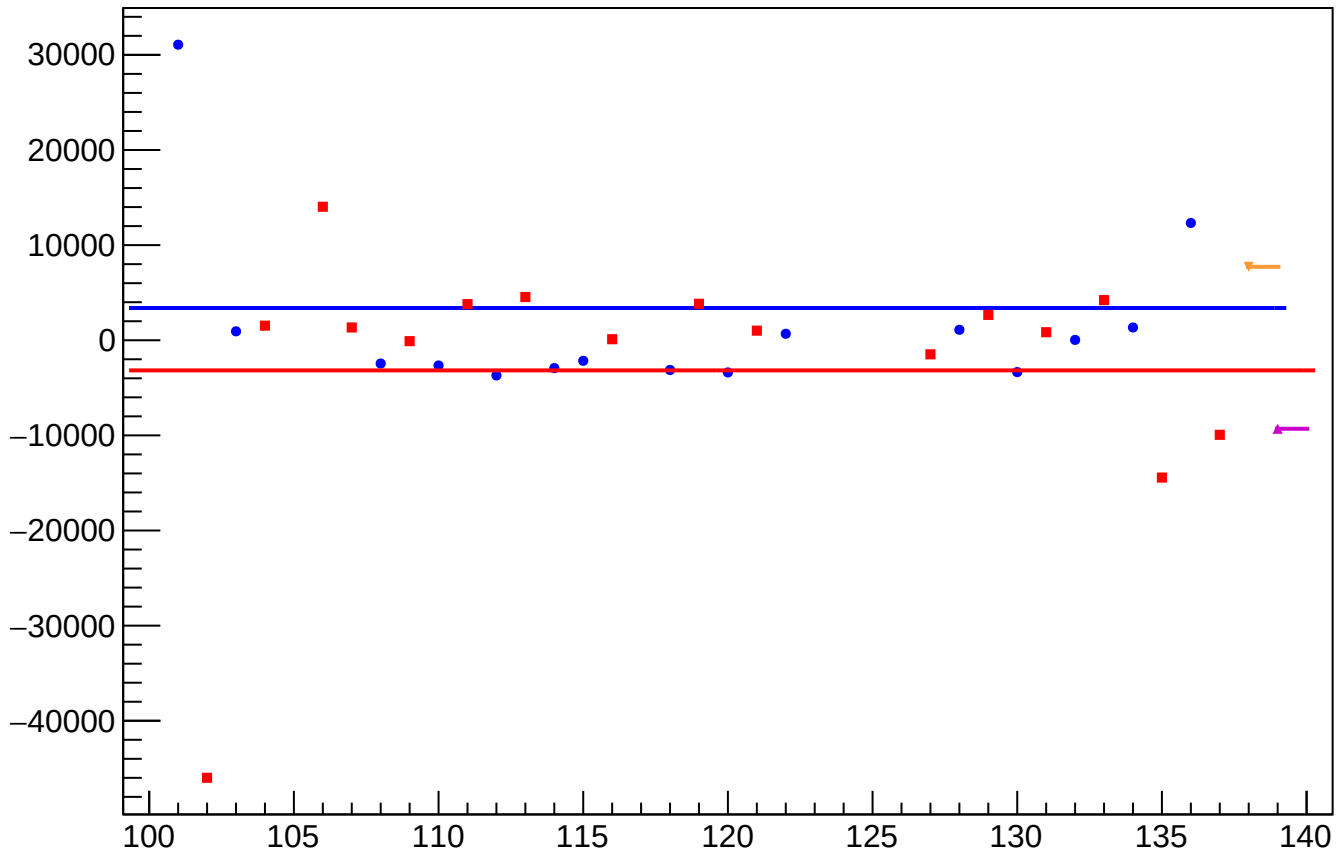
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

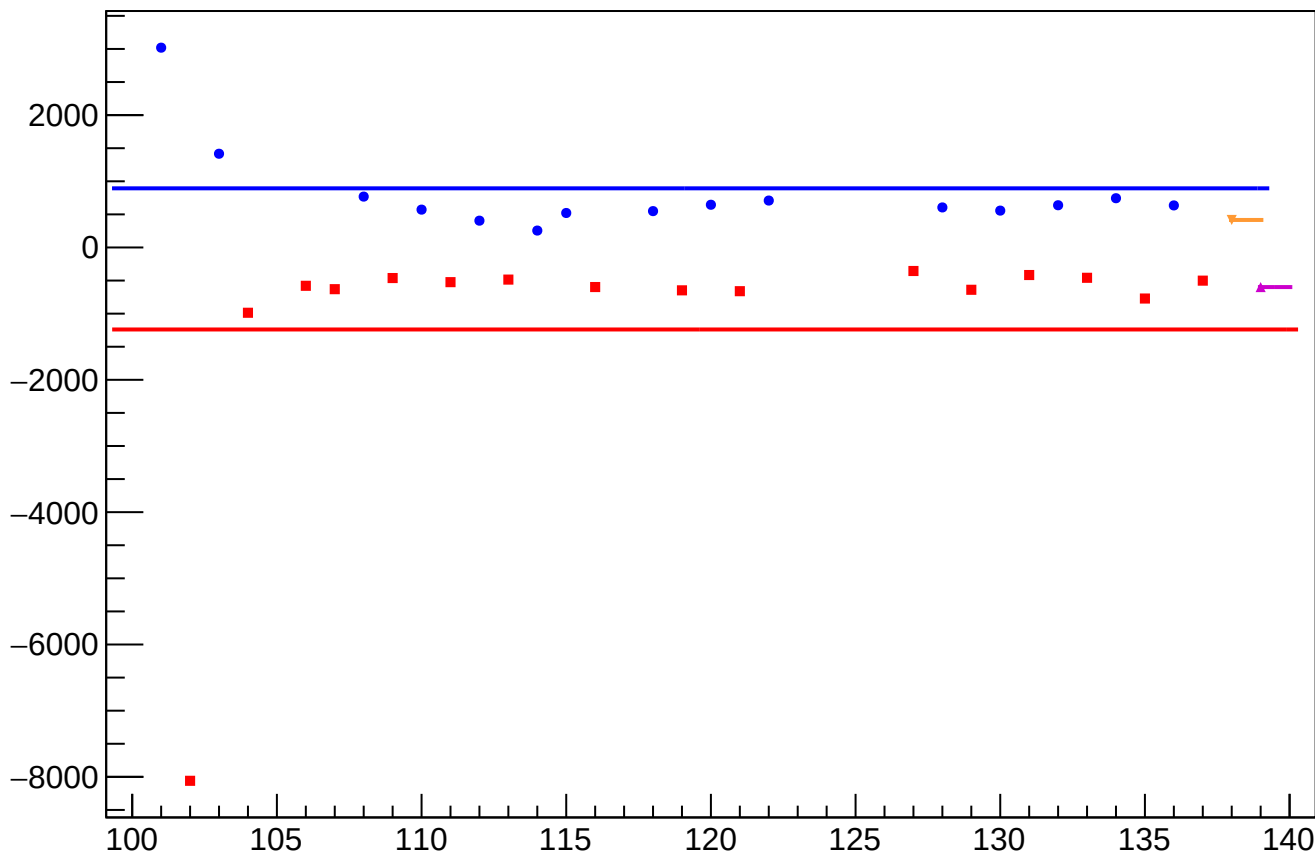
-943.293+/-0.000 χ^2/NDF : 6792928152620452

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 7717.679+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: -9303.346+/-0.000 χ^2/NDF : 0.0/0

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

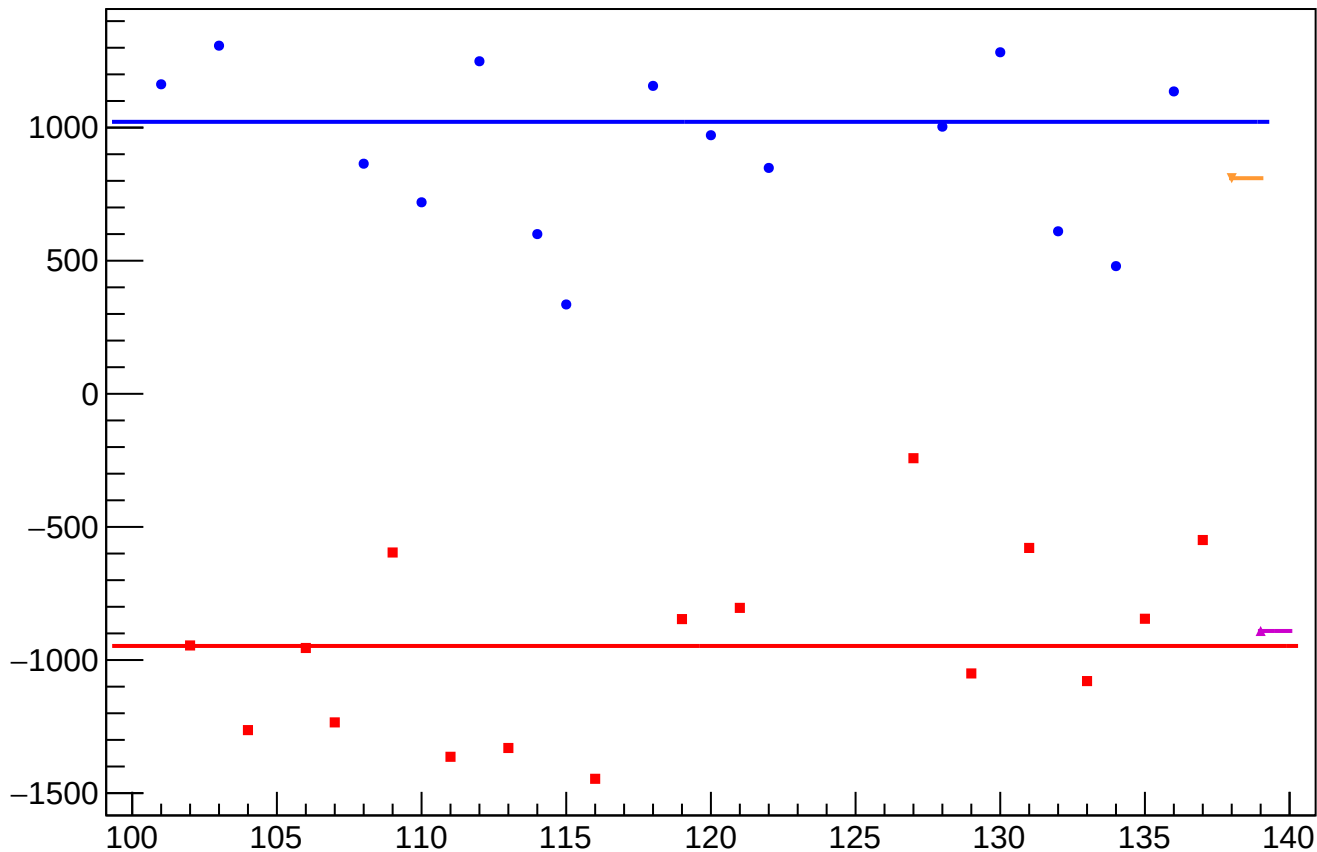
Left In: -598.467+/-0.000 χ^2/NDF : 633310.2/0

842.400+/-0.000 χ^2/NDF : 35049225508194993

-168.754+/-0.000 χ^2/NDF : 483826454820

-1195.443+/-0.000 χ^2/NDF : 298973634162471

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -947.145 $\pm$ 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

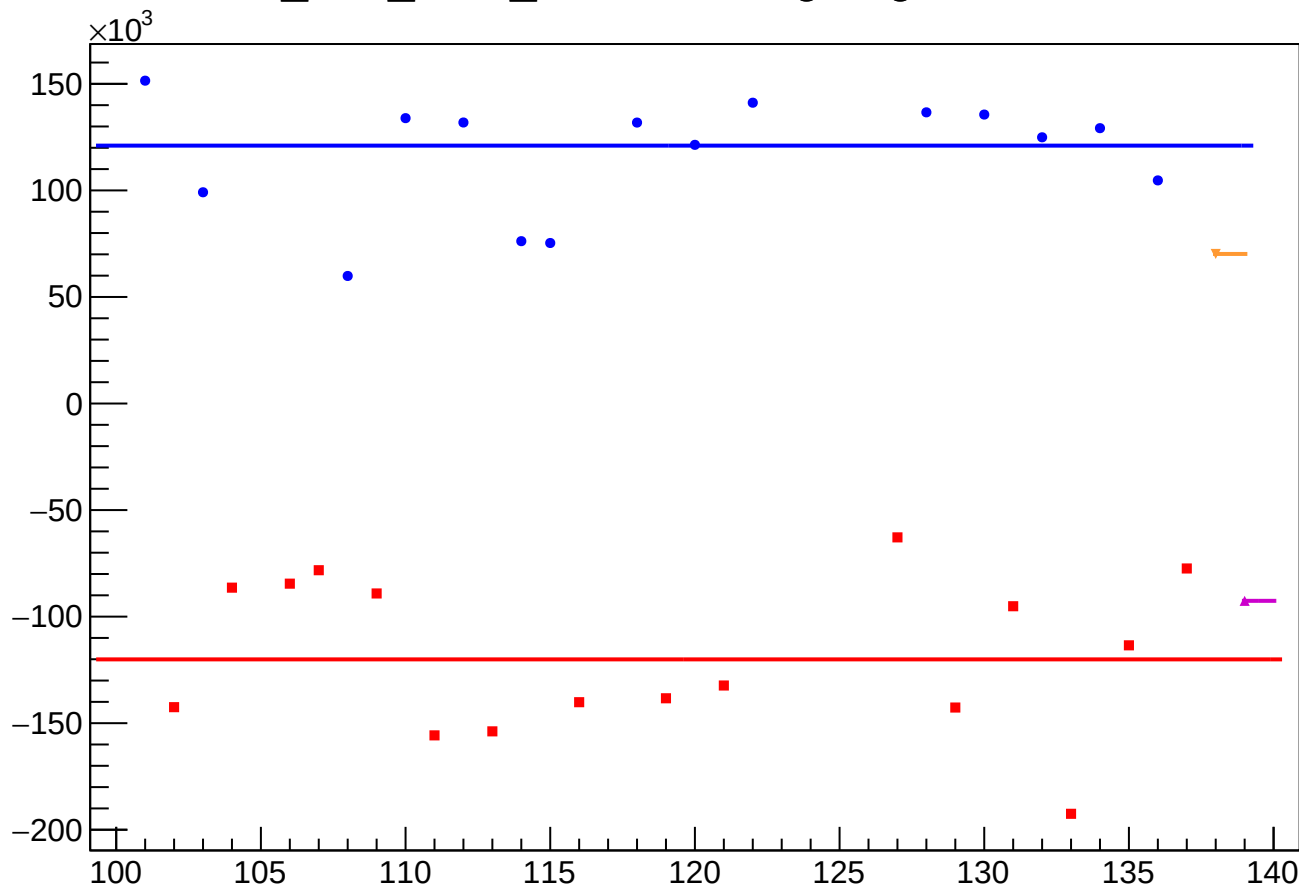
Left In: -890.857 $\pm$ 0.000 χ^2/NDF : 0.0/0

998.970 $\pm$ 0.000 χ^2/NDF : 43614050609869573

35.241 $\pm$ 0.000 χ^2/NDF : 1472352390468

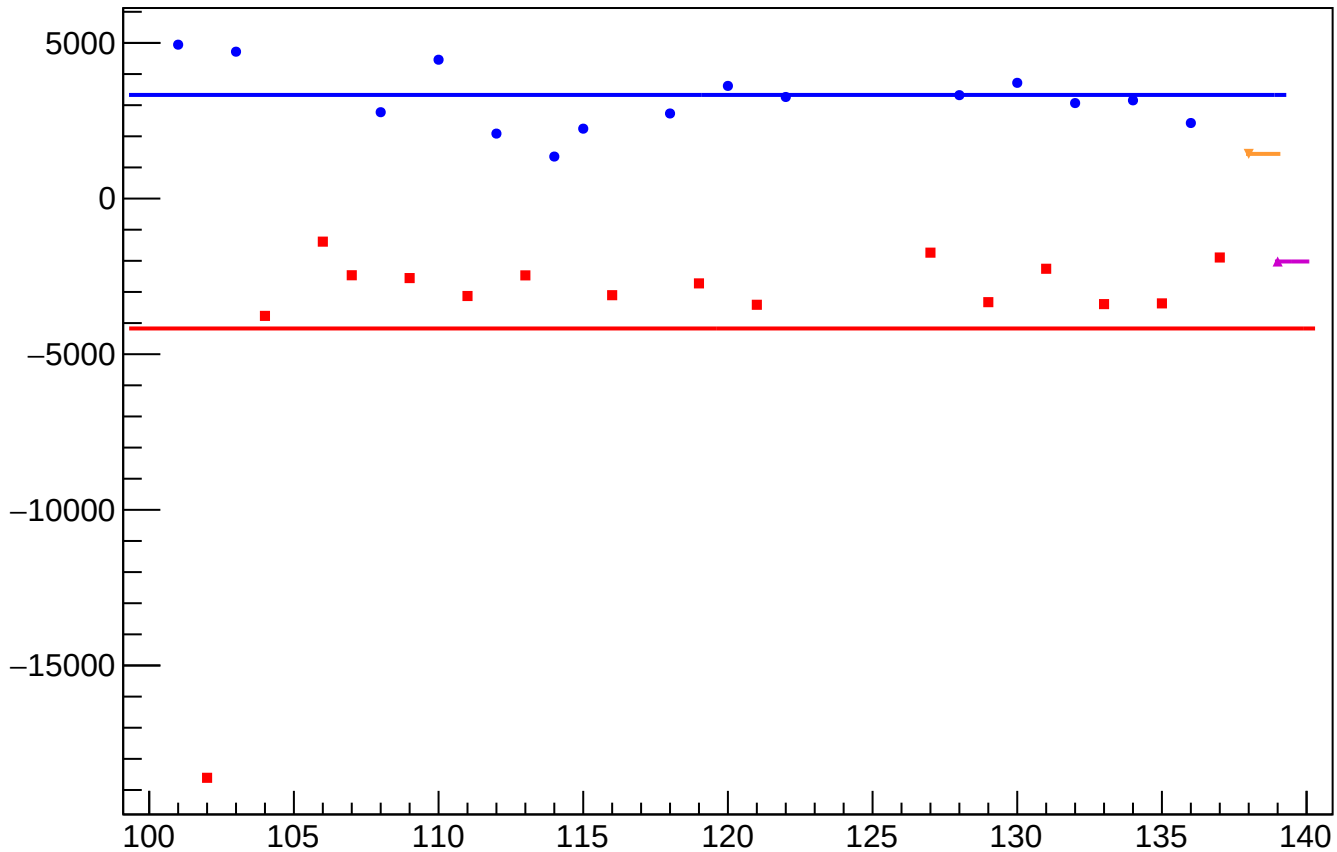
-943.293 $\pm$ 0.000 χ^2/NDF : 6792928152620452

dit_atr2_coil7_mean vs Slug, Sign Corrected



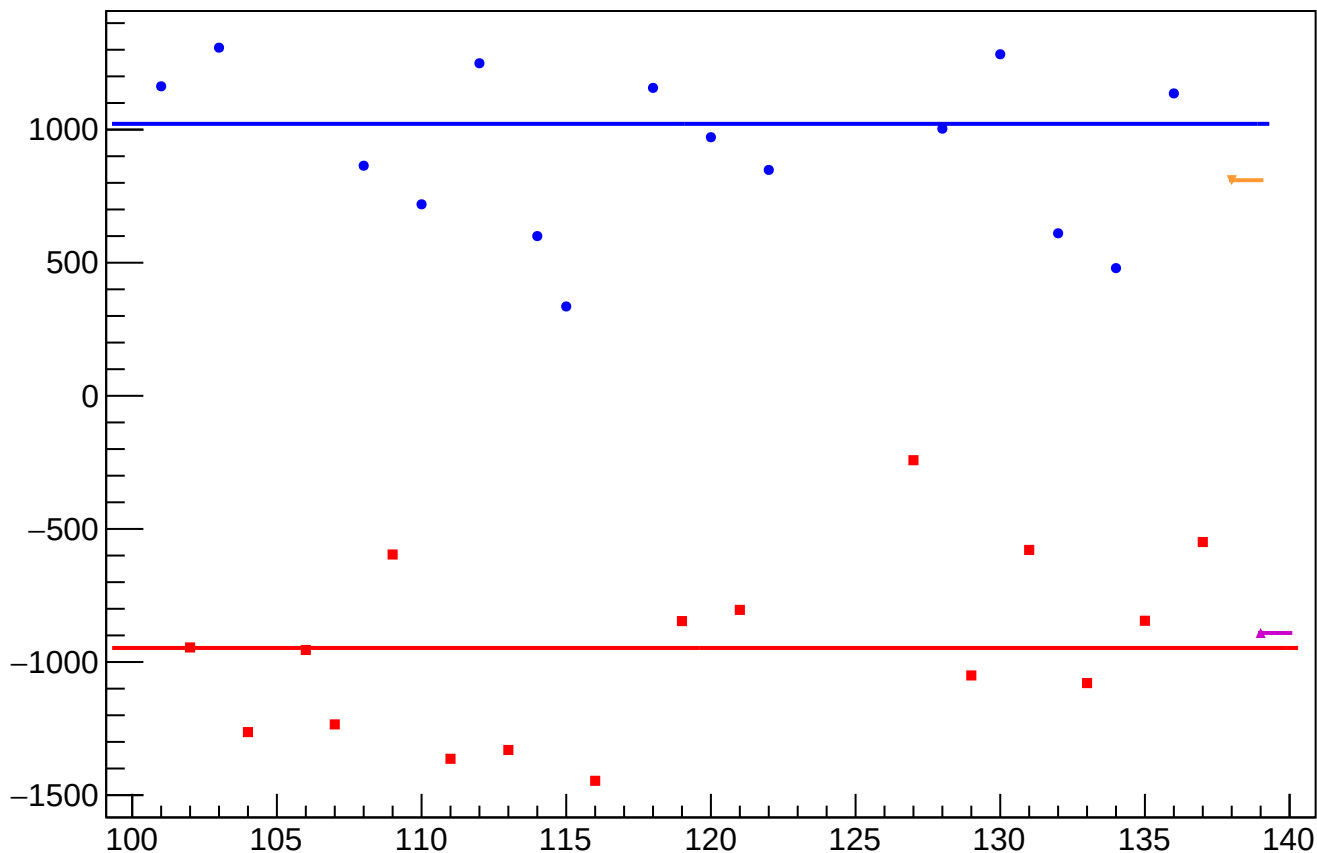
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 70182.571 $\pm$ 0.000 χ^2 /NDF: 16517142471.5/0
 Right Out: -120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: -92591.452 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 3329.488 $\pm$ 0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 1435.189 $\pm$ 0.000 χ^2/NDF : 4032505.5/0
 Right Out: -4173.434 $\pm$ 0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: -2021.438 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

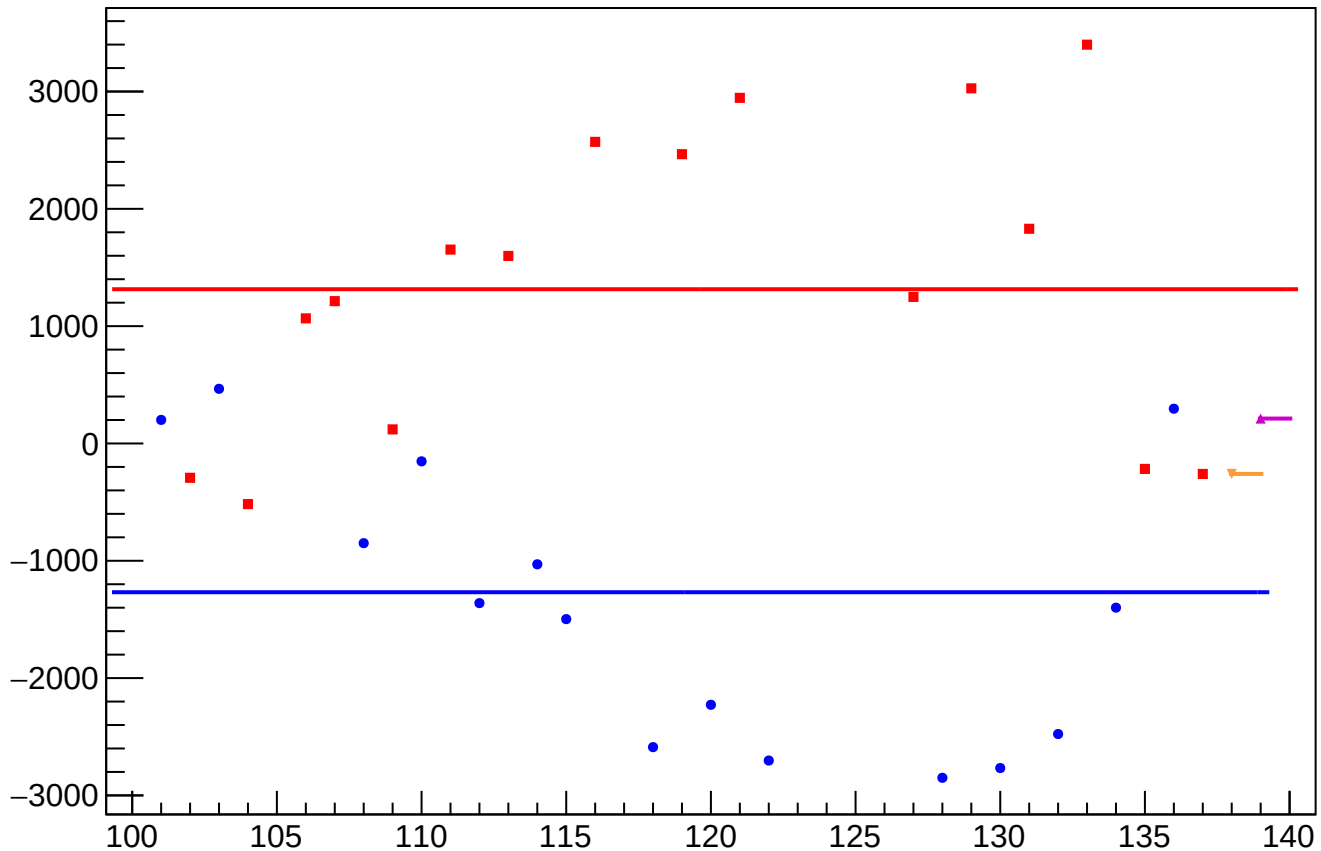
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

-943.293+/-0.000 χ^2/NDF : 6792928152620452

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

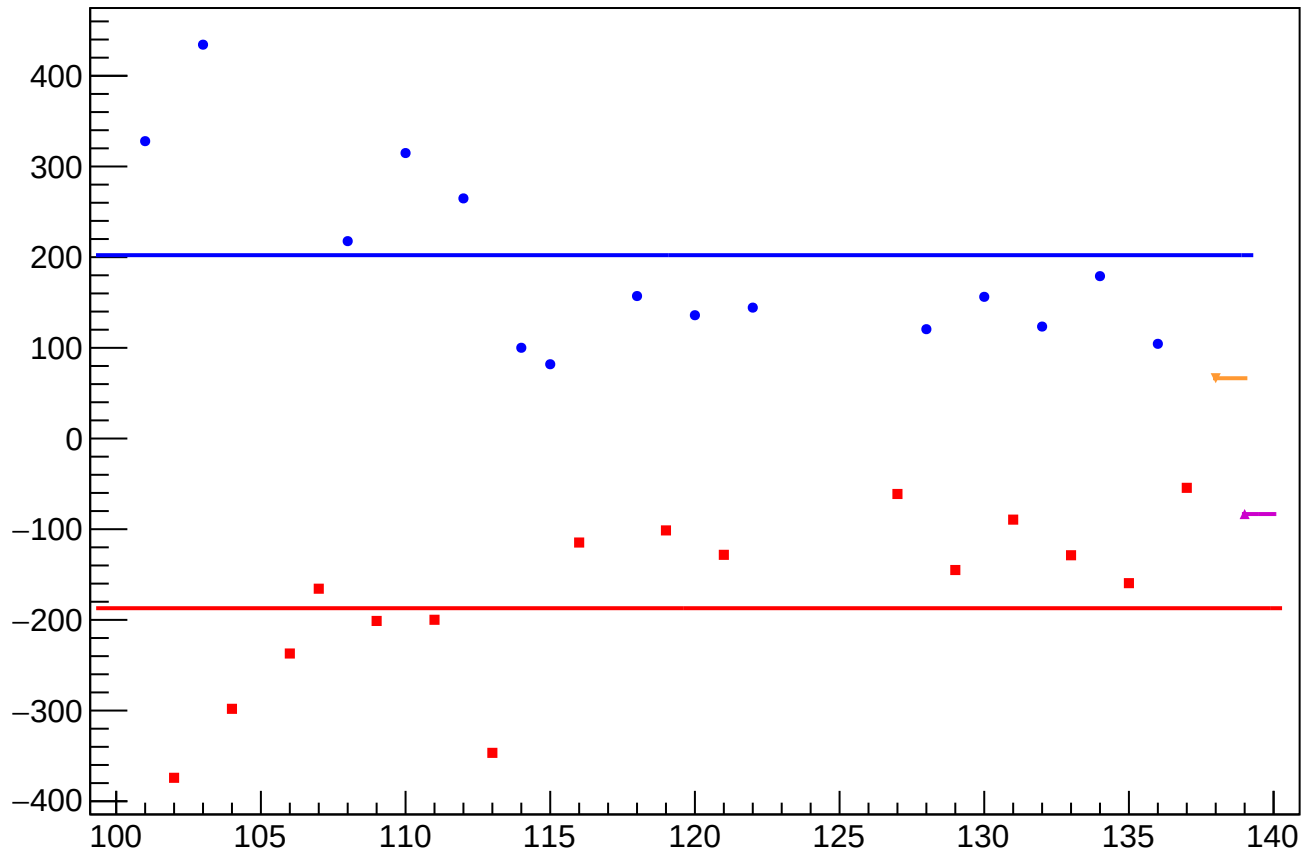
Left In: 212.215+/-0.000 χ^2/NDF : 0.0/0

-1159.857+/-0.000 χ^2/NDF : 116310212409485

30.584+/-0.000 χ^2/NDF : 4393426348465

1239.313+/-0.000 χ^2/NDF : 1153960387171393

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

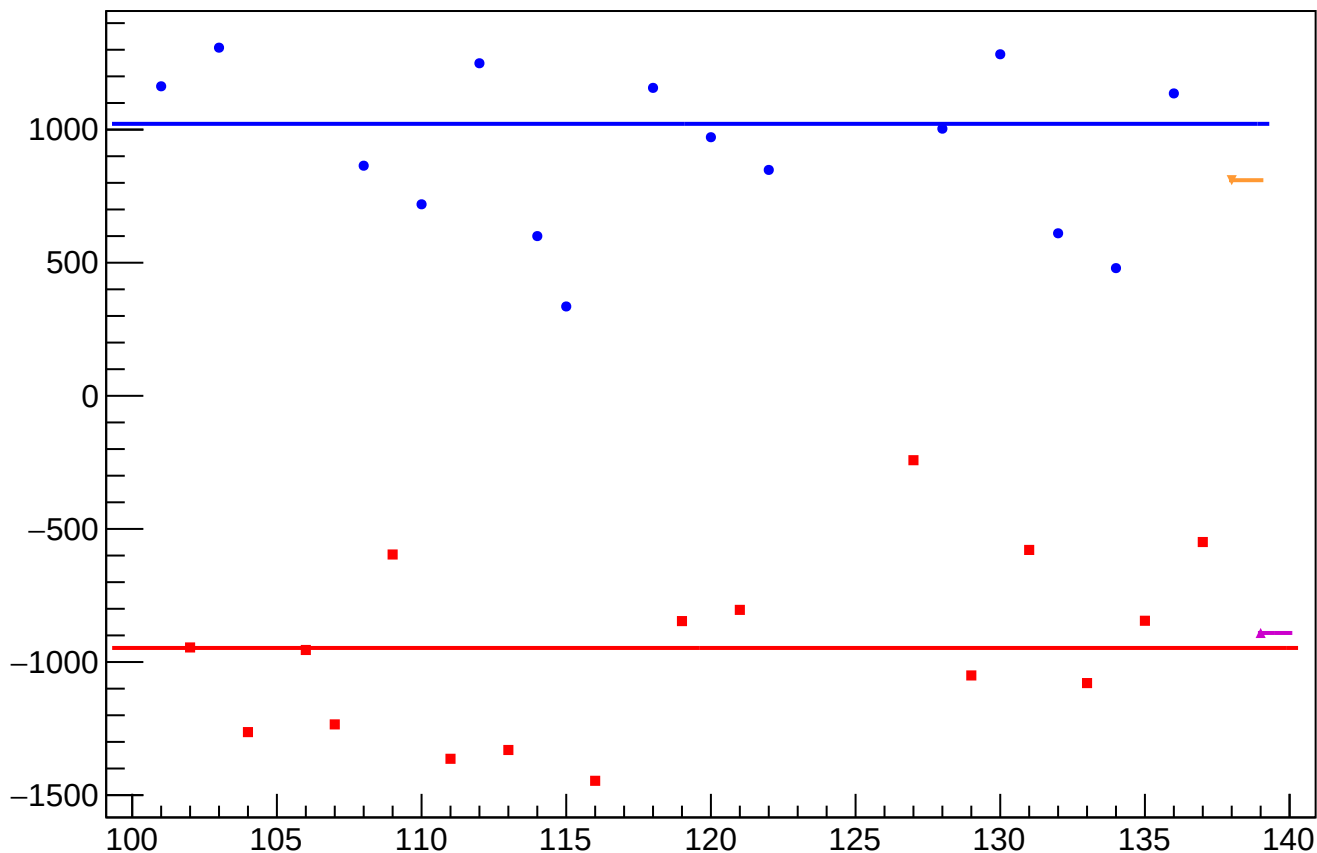
Left In: -83.286+/-0.000 χ^2/NDF :9895.5/0

187.631+/-0.000 χ^2/NDF : 83101655271982980

5.207+/-0.000 χ^2/NDF : 63791127042363

-180.019+/-0.000 χ^2/NDF : 6722227969013416

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

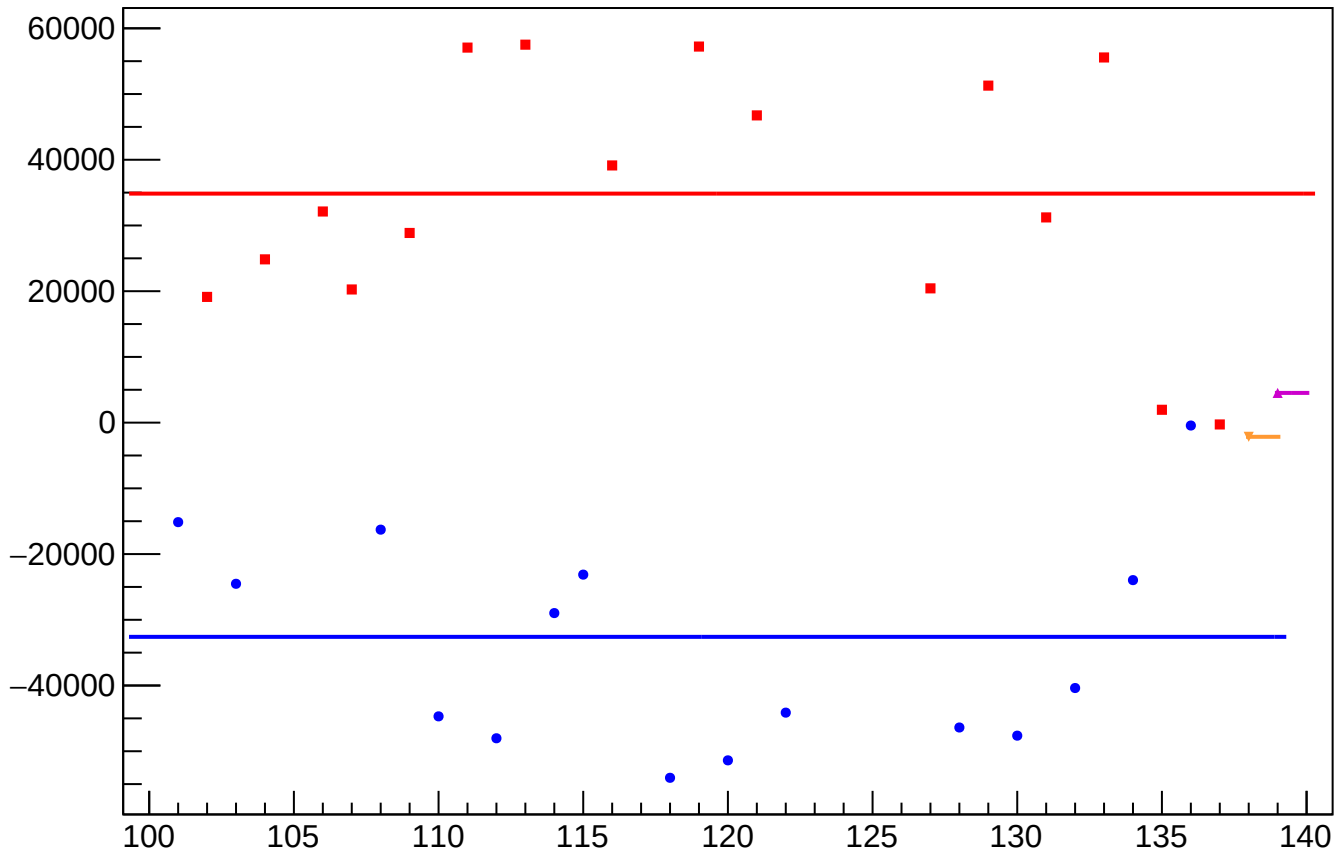
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

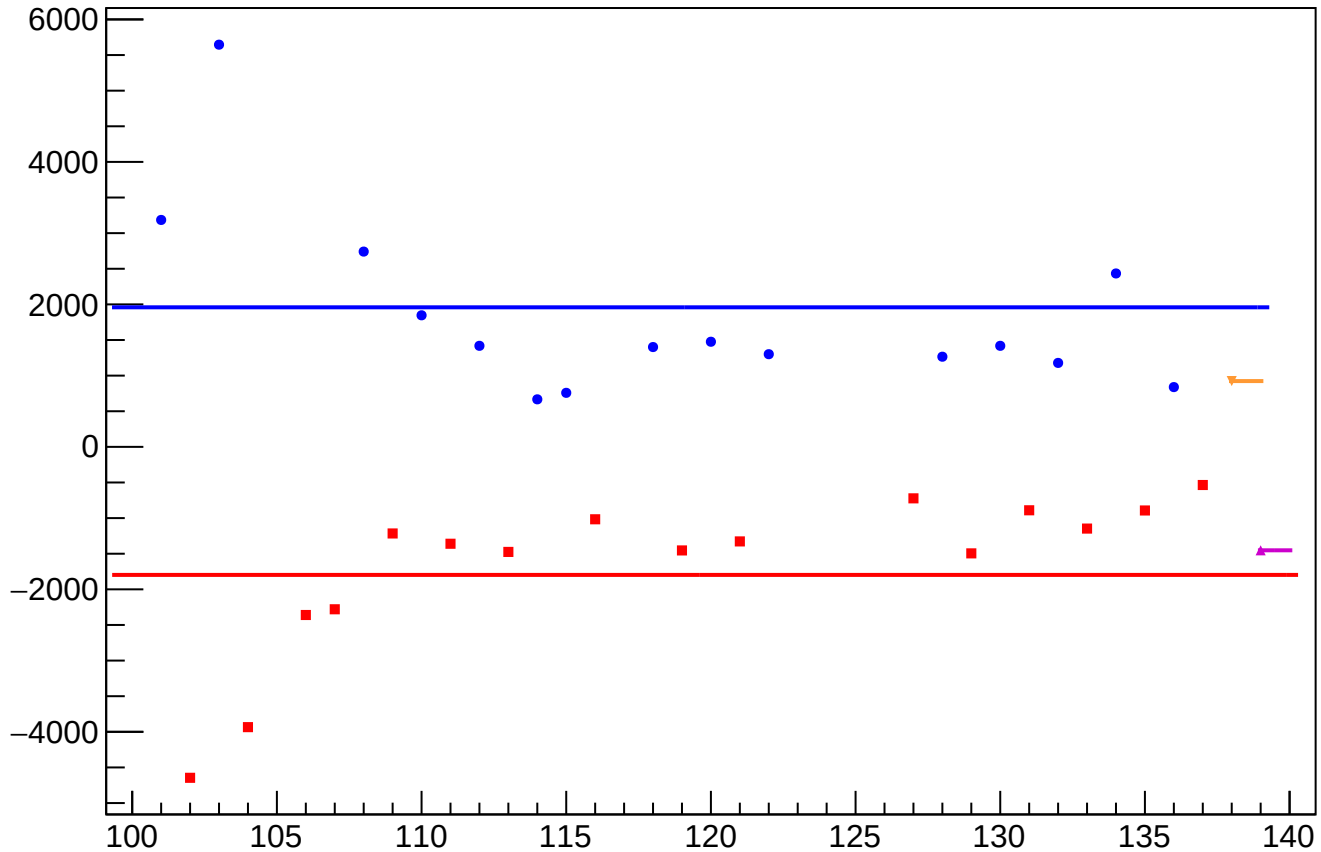
-943.293+/-0.000 χ^2/NDF : 6792928152620452

dit_sam2_coil7_mean vs Slug, Sign Corrected



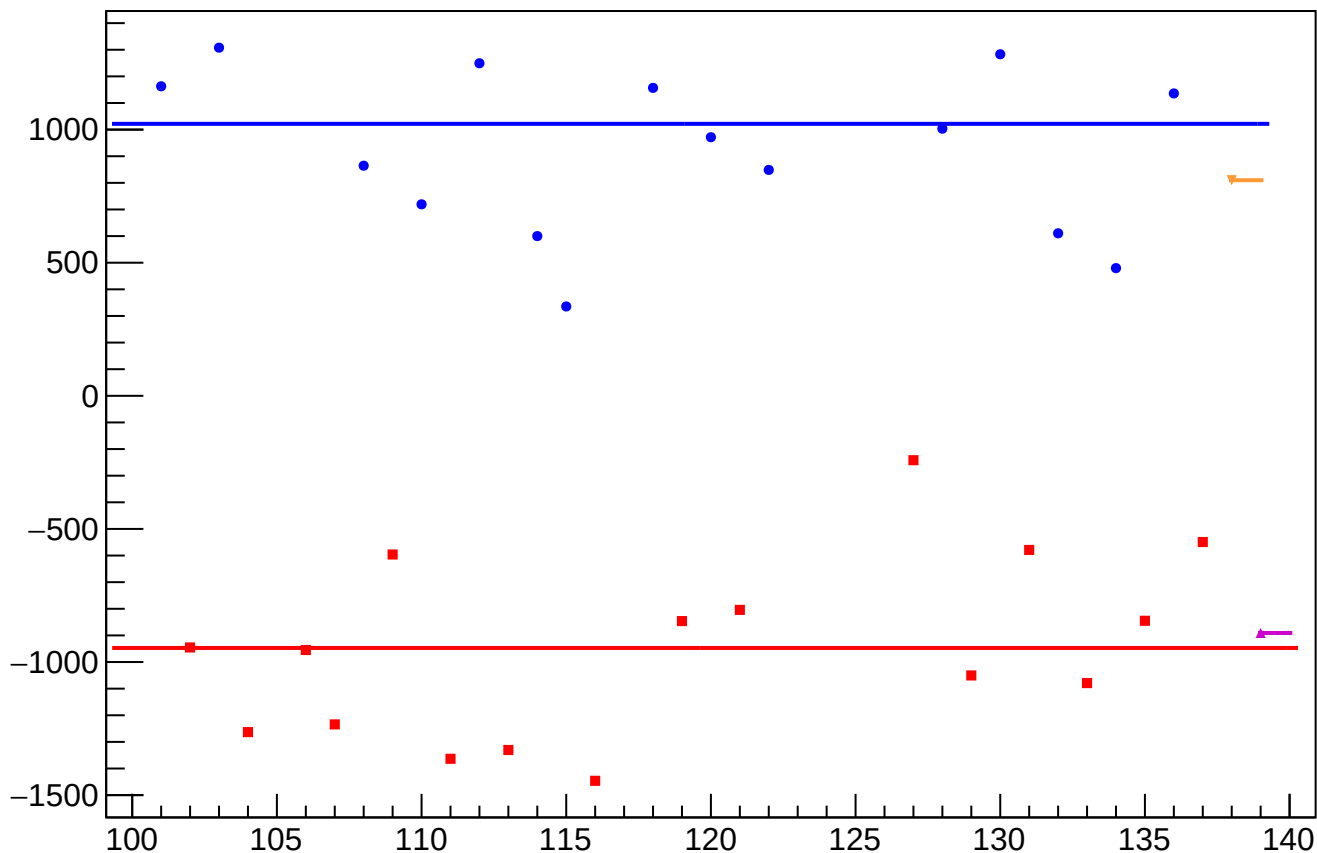
Right In: -32594.962+/-0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -2156.317+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 34848.046+/-0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: 4522.409+/-0.000 χ^2/NDF : 40531850.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1958.835 ± 0.000 $\chi^2/\text{NDF}: 1189322999631358431600643692981190131712.0/14$
 Left Out: 923.447 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ 1847.748 ± 0.000 $\chi^2/\text{NDF}: 1263969676807388$
 Right Out: -1797.392 ± 0.000 $\chi^2/\text{NDF}: 955096623879958195657195074614240215040.0/15$ 50.798 ± 0.000 $\chi^2/\text{NDF}: 6955583213251$
 Left In: -1452.061 ± 0.000 $\chi^2/\text{NDF}: 2533240.6/0$ -1773.759 ± 0.000 $\chi^2/\text{NDF}: 960540154936124$

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

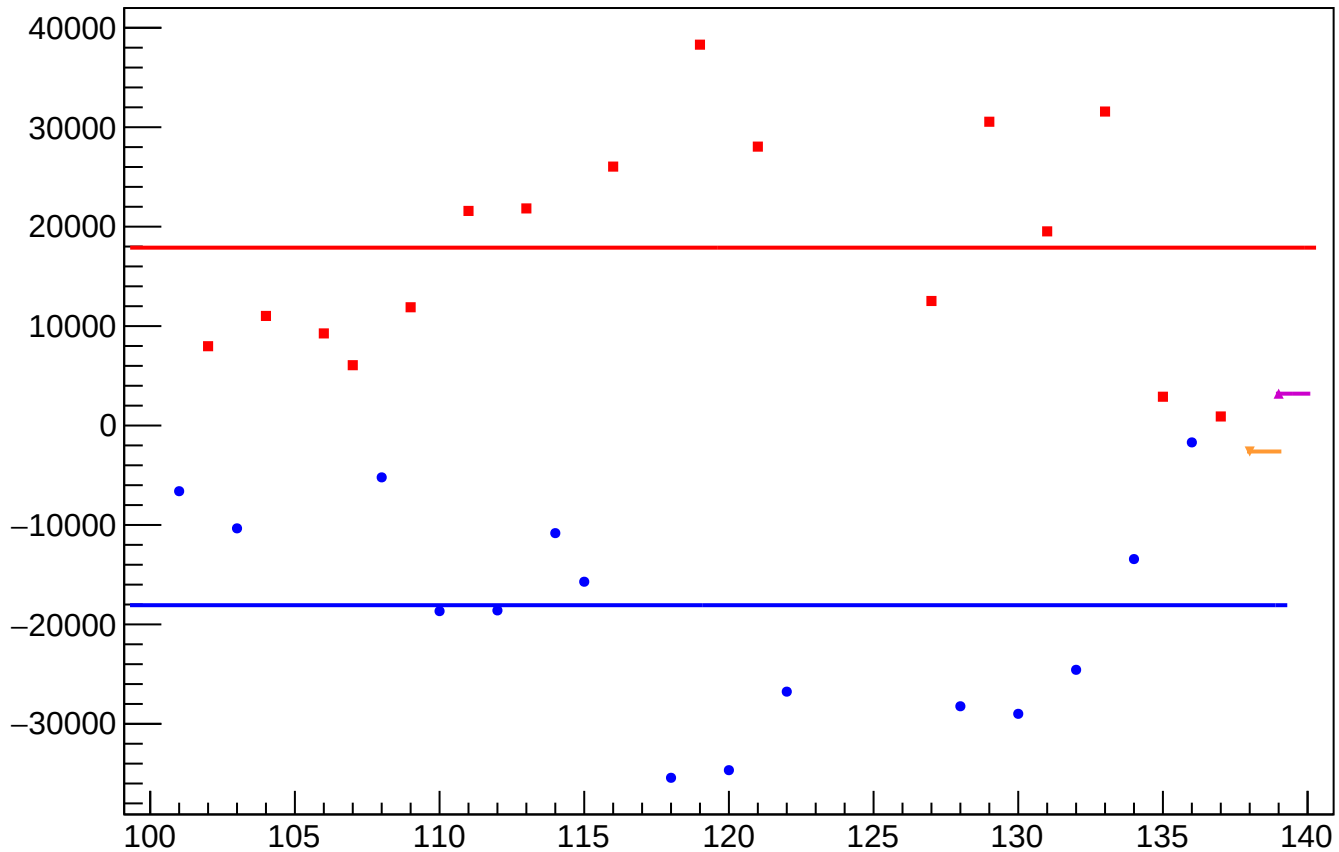
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

-943.293+/-0.000 χ^2/NDF : 6792928152620452

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

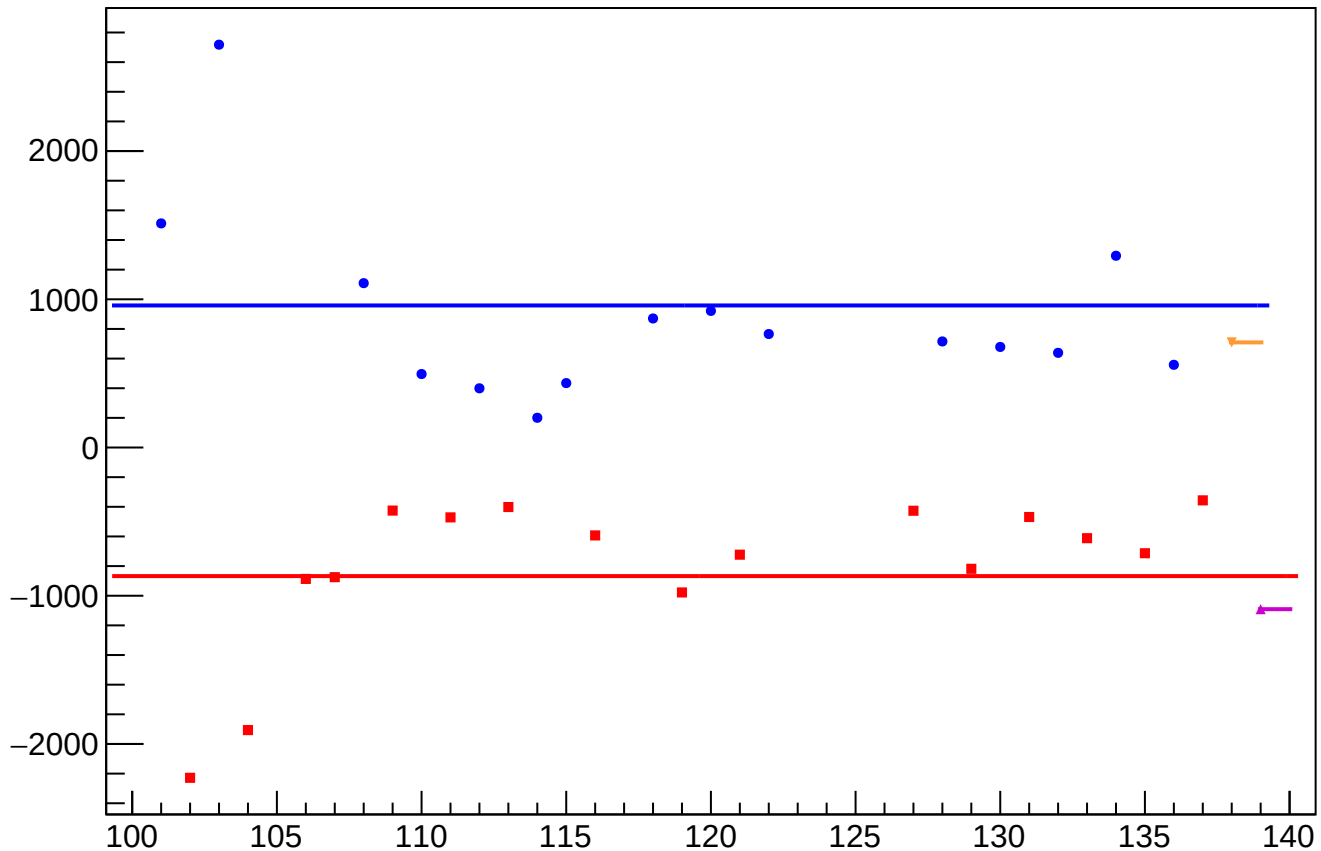
Left In: 3204.283+/-0.000 χ^2/NDF :0.0/0

-16410.111+/-0.000 χ^2/NDF : 10094947766555

109.670+/-0.000 χ^2/NDF : 589046816503

16883.247+/-0.000 χ^2/NDF : 88248059620265

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 709.168+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

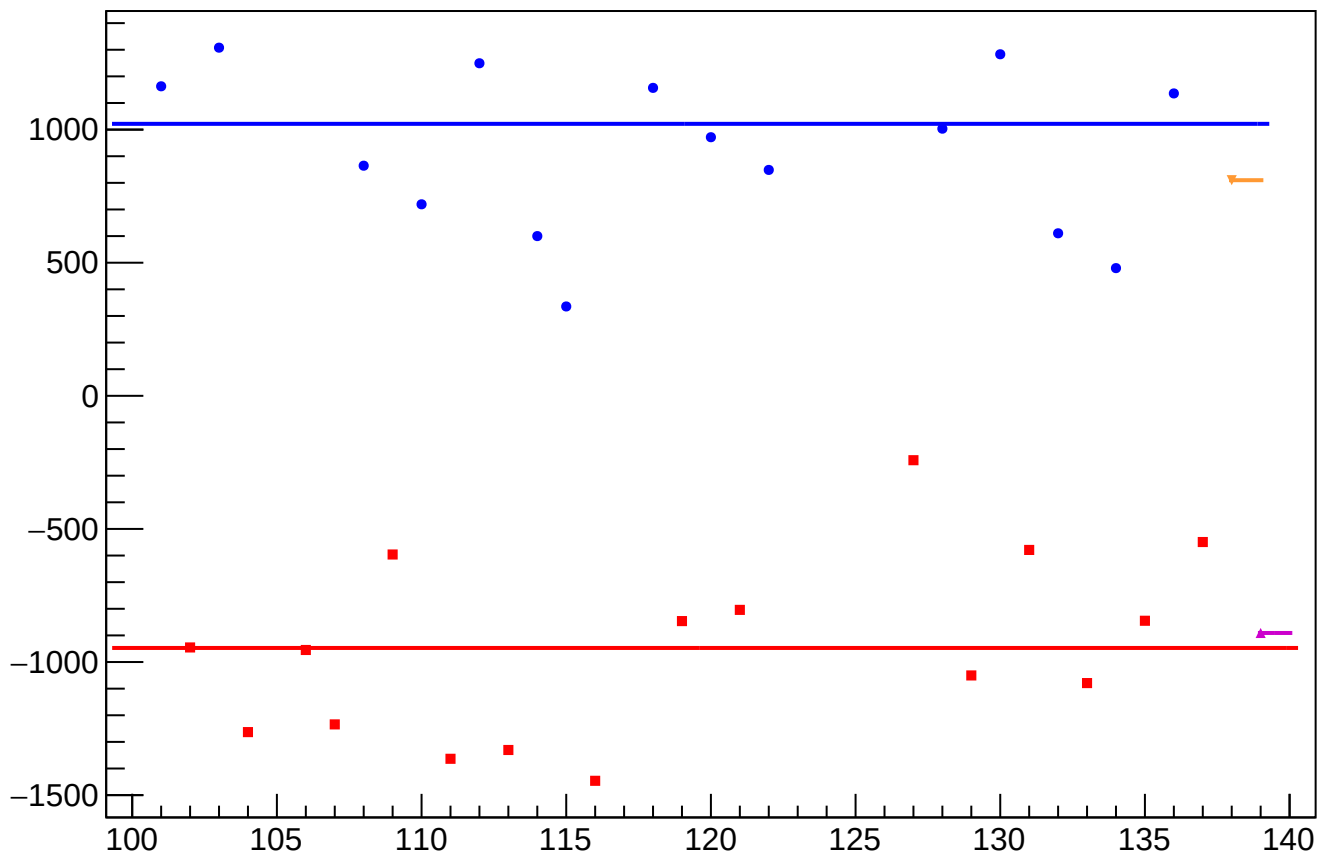
Left In: -1090.584+/-0.000 χ^2/NDF : 0.0/0

931.669+/-0.000 χ^2/NDF : 26905872801636894

31.350+/-0.000 χ^2/NDF : 1675089770146

-882.802+/-0.000 χ^2/NDF : 2184007557006160

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

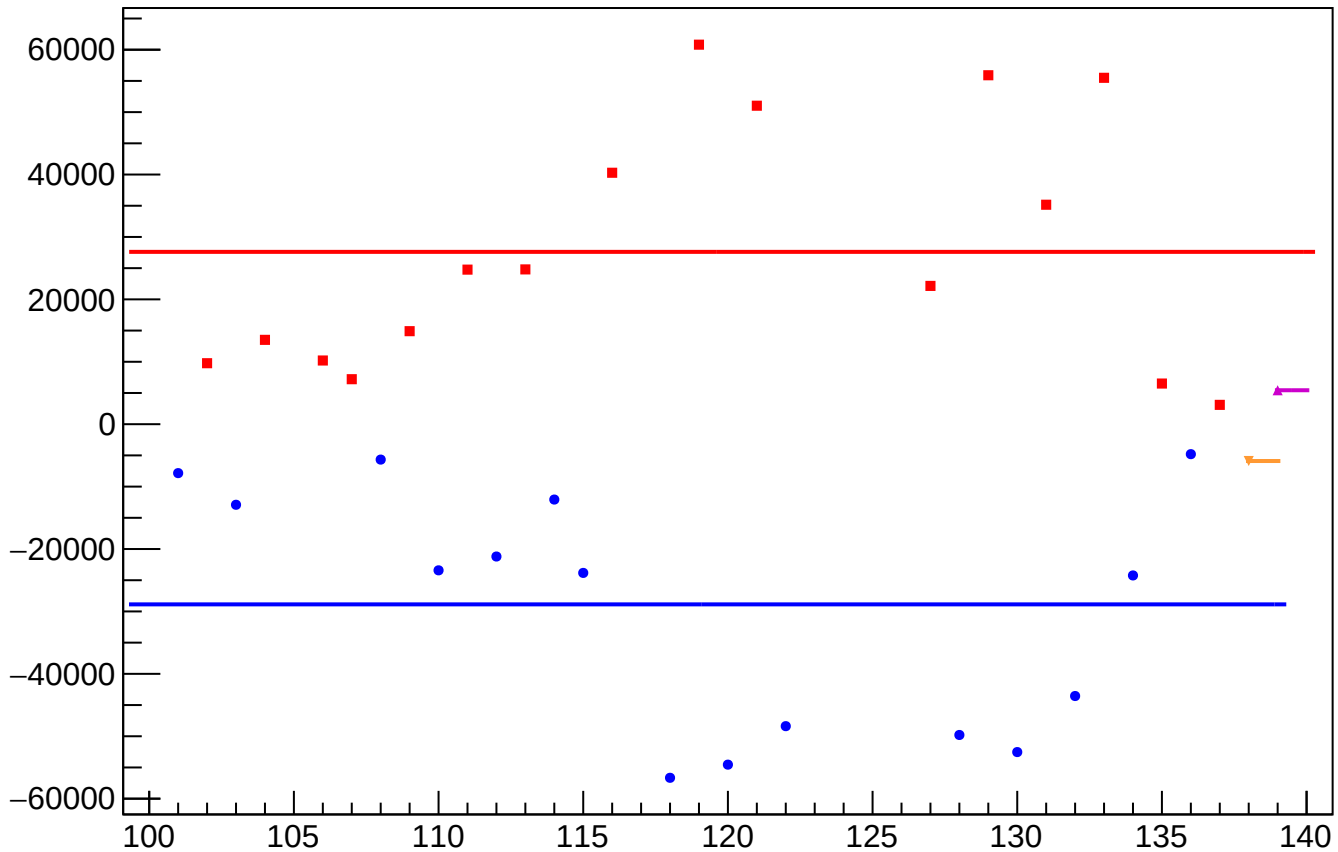
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

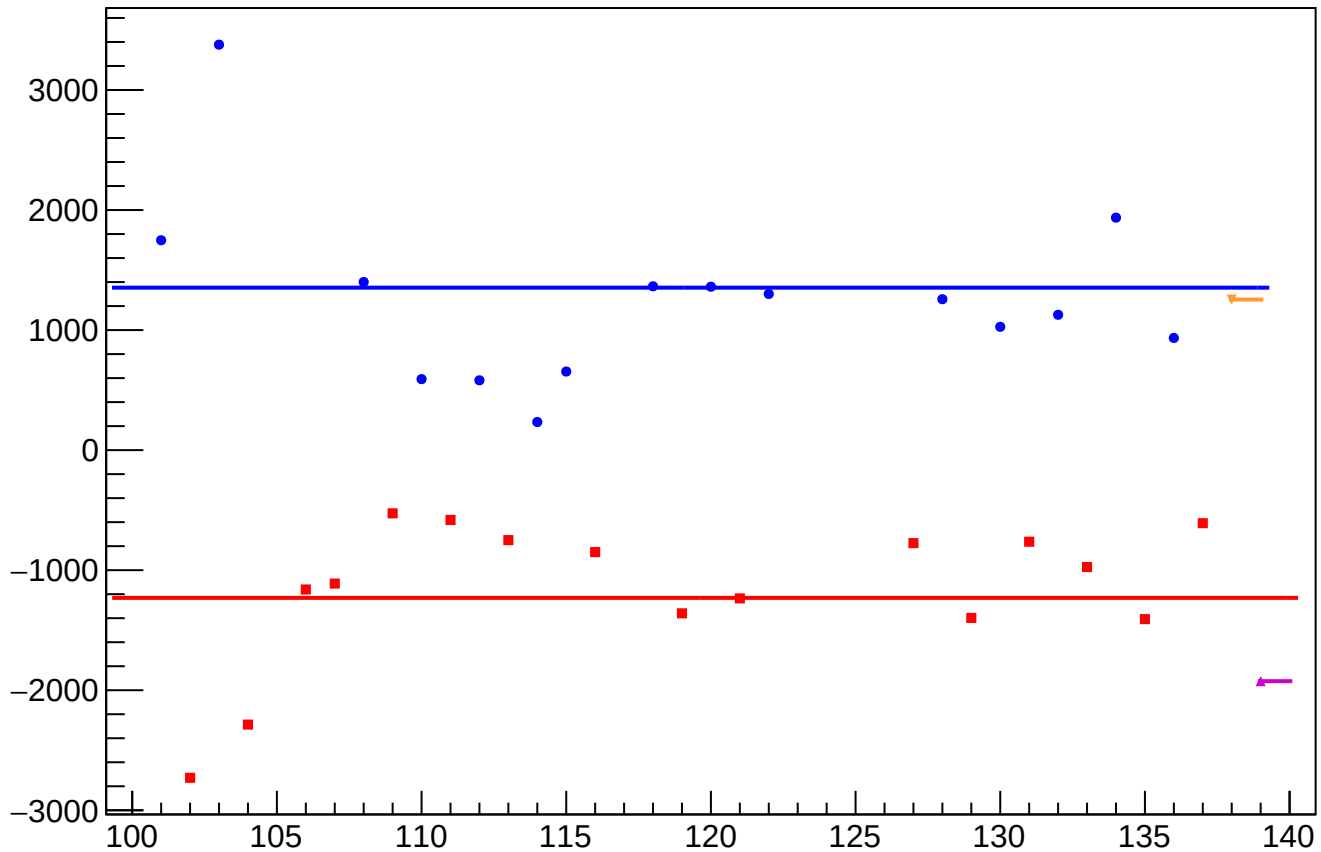
-943.293+/-0.000 χ^2/NDF : 6792928152620452

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: 5438.289+/-0.000 χ^2/NDF : 0.0/0
 -26404.283+/-0.000 χ^2/NDF : 29818620560359
 -355.511+/-0.000 χ^2/NDF : 15628987329
 26093.452+/-0.000 χ^2/NDF : 27053889677554

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1254.328+/-0.000 χ^2/NDF : 0.0/0

1342.782+/-0.000 χ^2/NDF : 3535715915253748

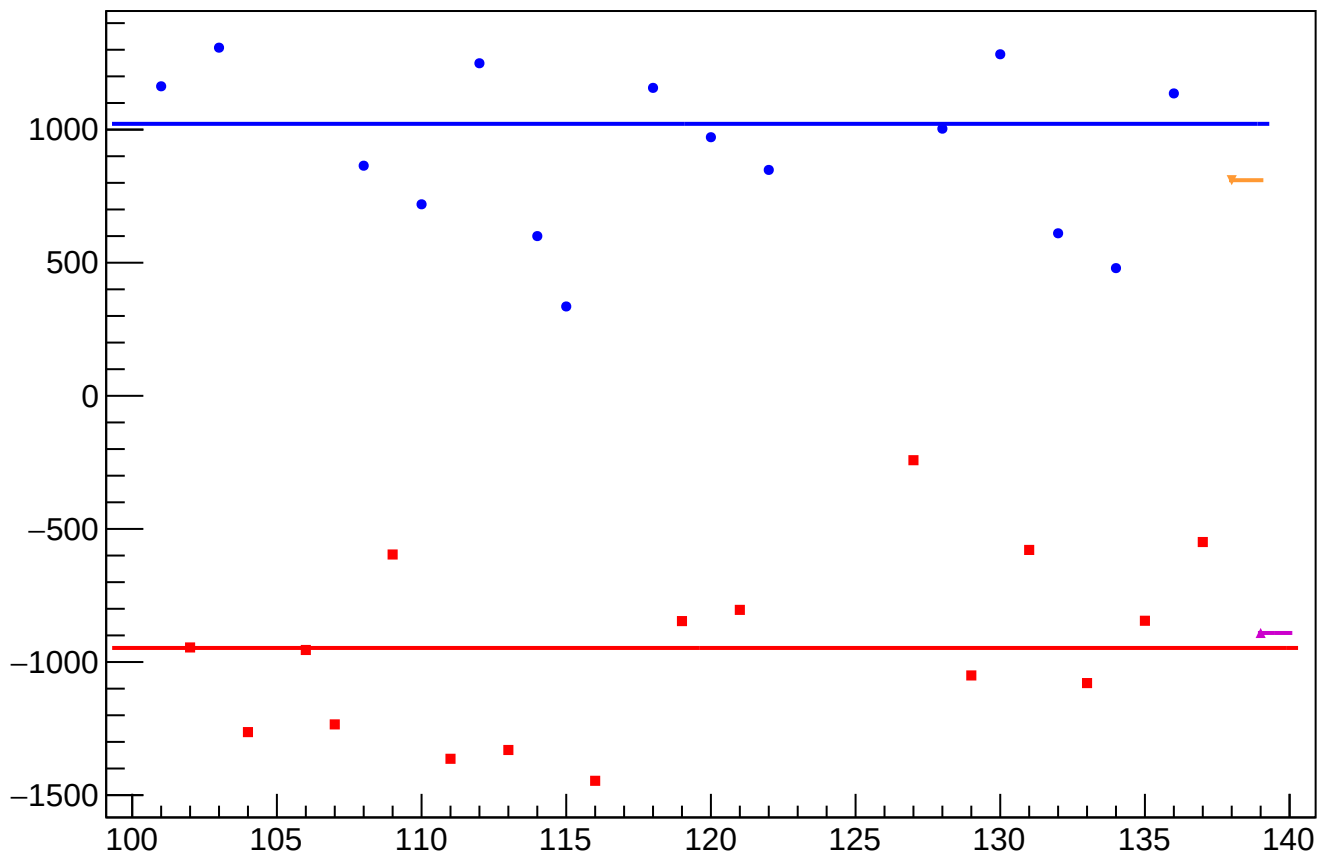
42.321+/-0.000 χ^2/NDF : 3130429457372

Right Out: -1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

-1278.119+/-0.000 χ^2/NDF : 298966535069027

Left In: -1924.507+/-0.000 χ^2/NDF : 0.0/0

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

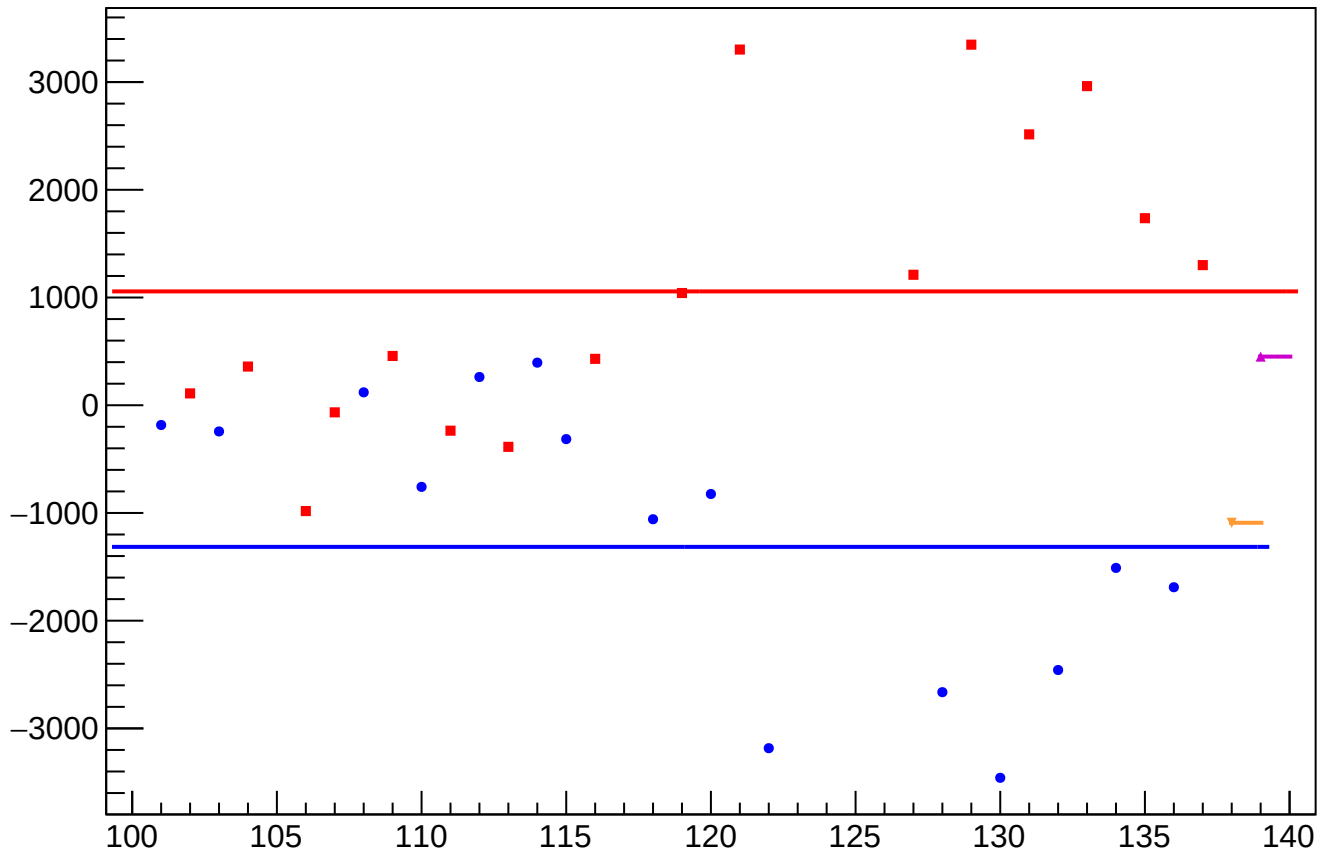
Left In: -890.857 ± 0.000 χ^2/NDF : 0.0/0

998.970 ± 0.000 χ^2/NDF : 43614050609869573

35.241 ± 0.000 χ^2/NDF : 1472352390468

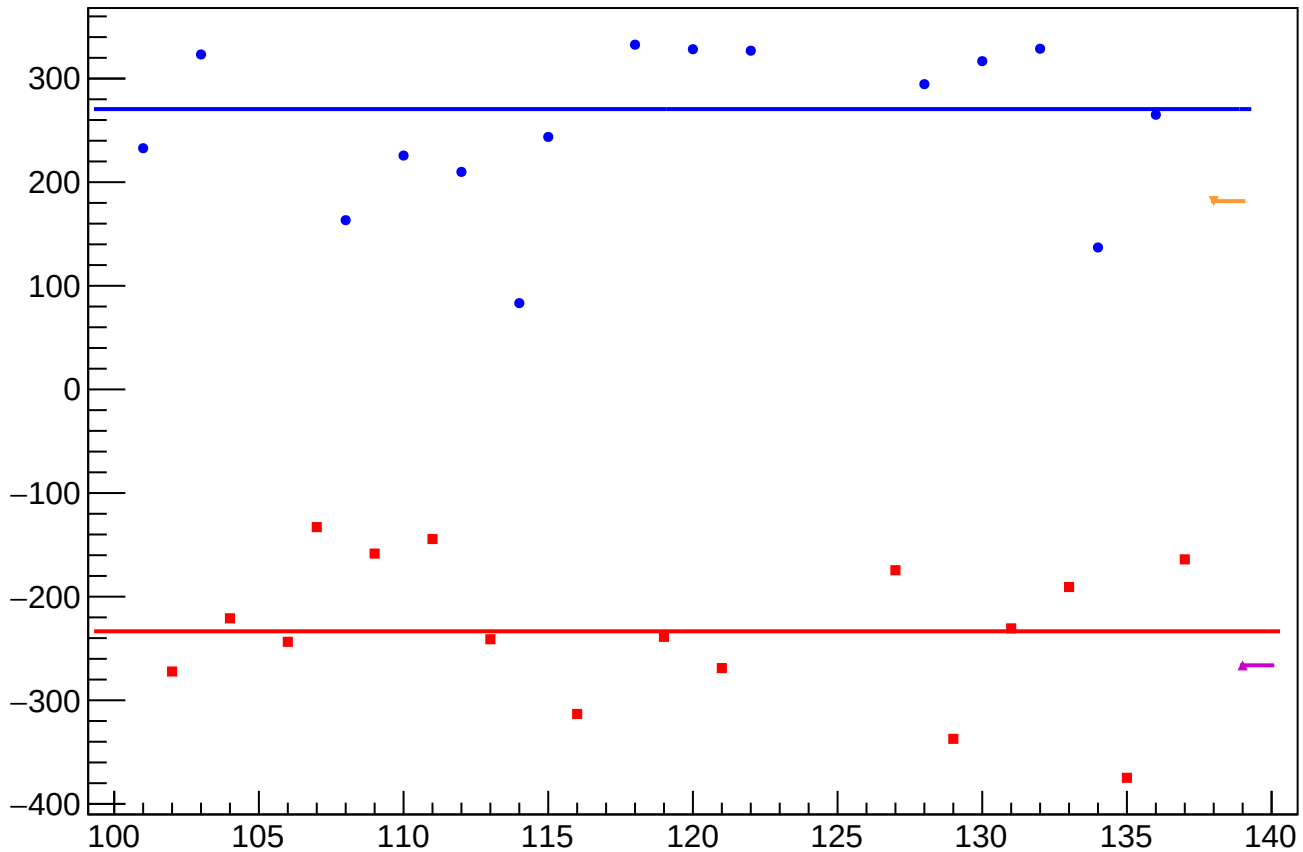
-943.293 ± 0.000 χ^2/NDF : 6792928152620452

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: 451.509+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 270.538+/-0.000 χ^2/NDF : 2473839905347950323907848405170257920.0/14

Left Out: 181.728+/-0.000 χ^2/NDF : 0.0/0

Right Out: -233.421+/-0.000 χ^2/NDF : 3048529087317888615064010247743995904.0/15

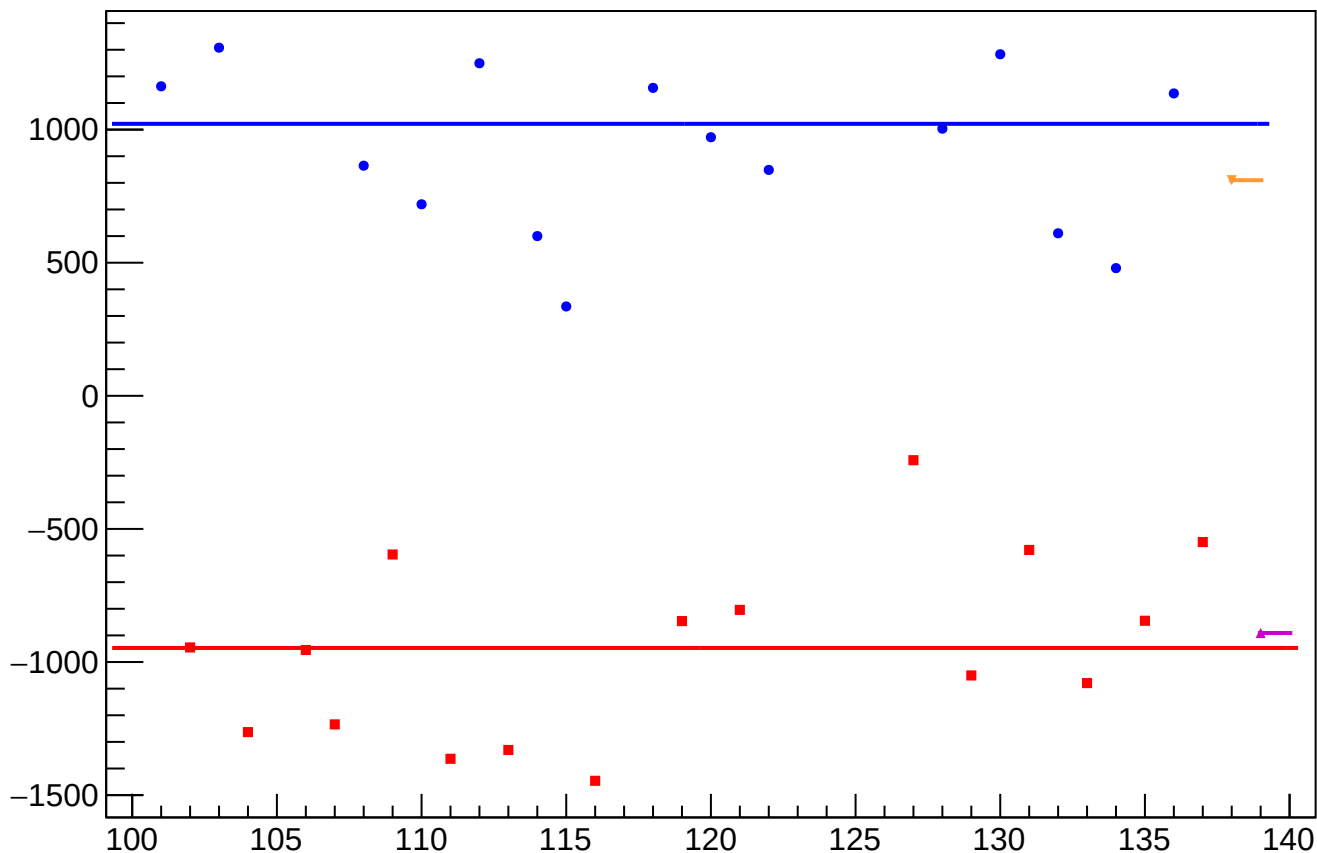
Left In: -266.272+/-0.000 χ^2/NDF : 0.0/0

261.010+/-0.000 χ^2/NDF : 30230426497994141

14.563+/-0.000 χ^2/NDF : 9510897644030

-235.669+/-0.000 χ^2/NDF : 3097791826751895

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

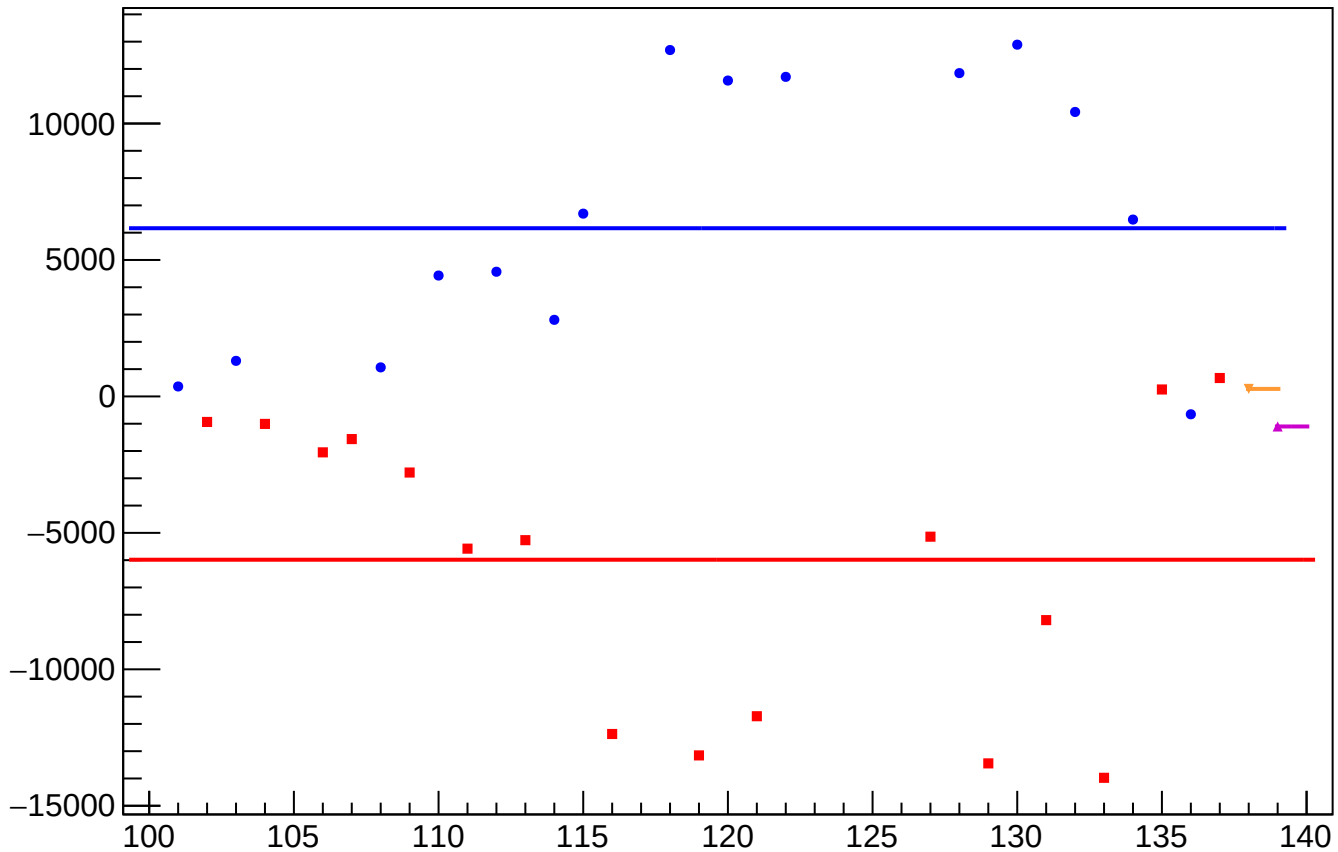
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

-943.293+/-0.000 χ^2/NDF : 6792928152620452

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14

Left Out: 275.653+/-0.000 χ^2/NDF : 252031.6/0

5531.742+/-0.000 χ^2/NDF : 2061446977193212

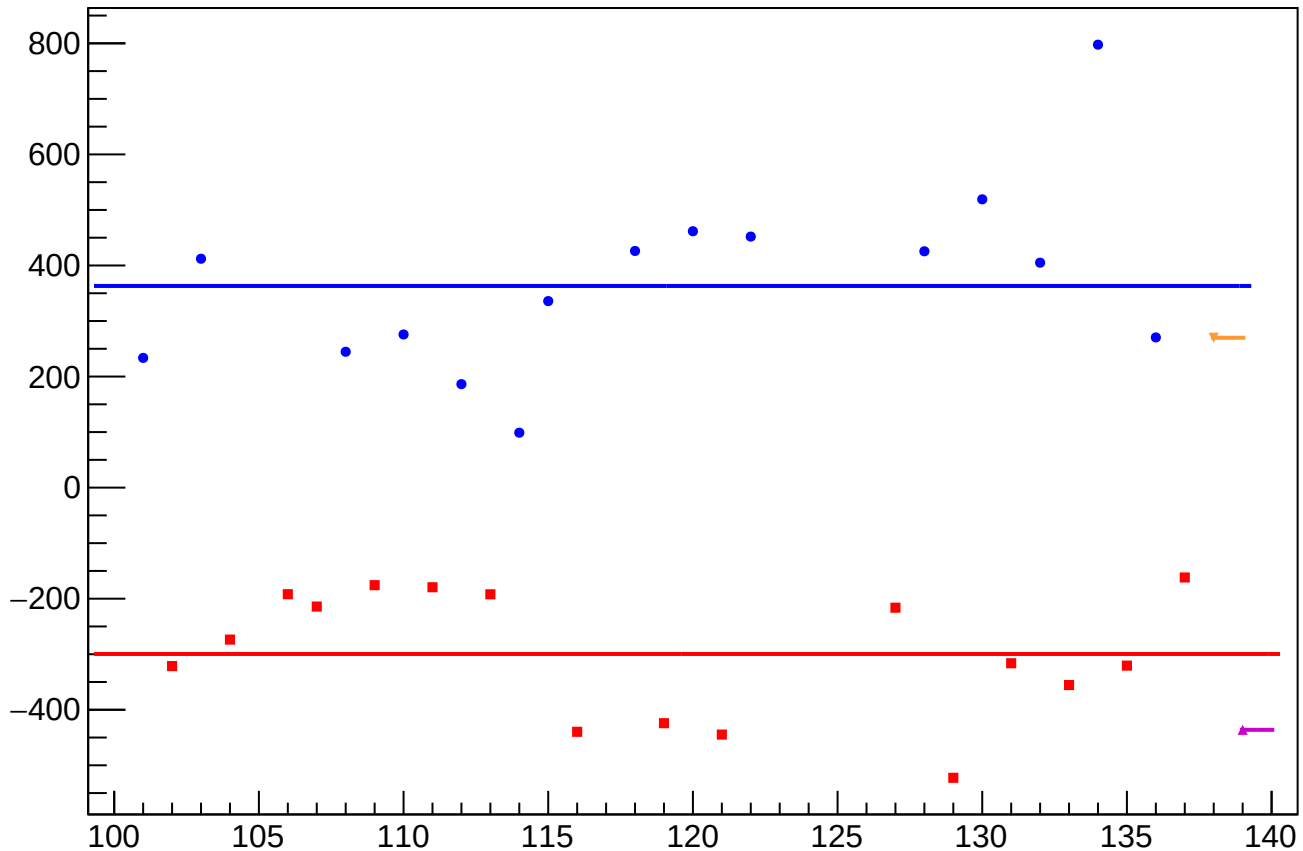
-16.371+/-0.000 χ^2/NDF : 8430813924774

Right Out: -5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15

-5649.720+/-0.000 χ^2/NDF : 185934854289433

Left In: -1101.103+/-0.000 χ^2/NDF : 0.0/0

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

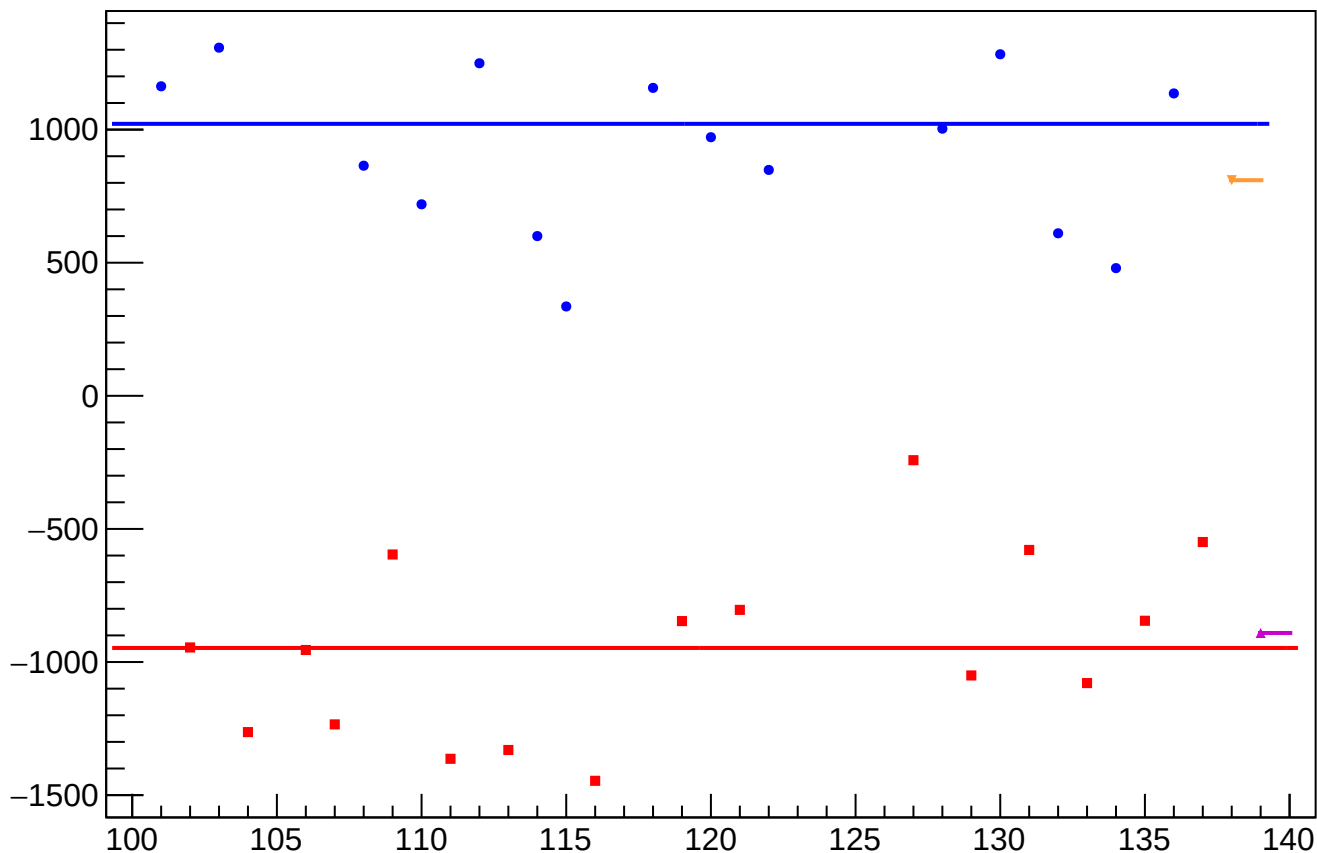
Left In: -436.117+/-0.000 χ^2/NDF : 633310.2/0

353.127+/-0.000 χ^2/NDF : 12108506968596833

24.655+/-0.000 χ^2/NDF : 1787280835967

-308.863+/-0.000 χ^2/NDF : 8537274228590156

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

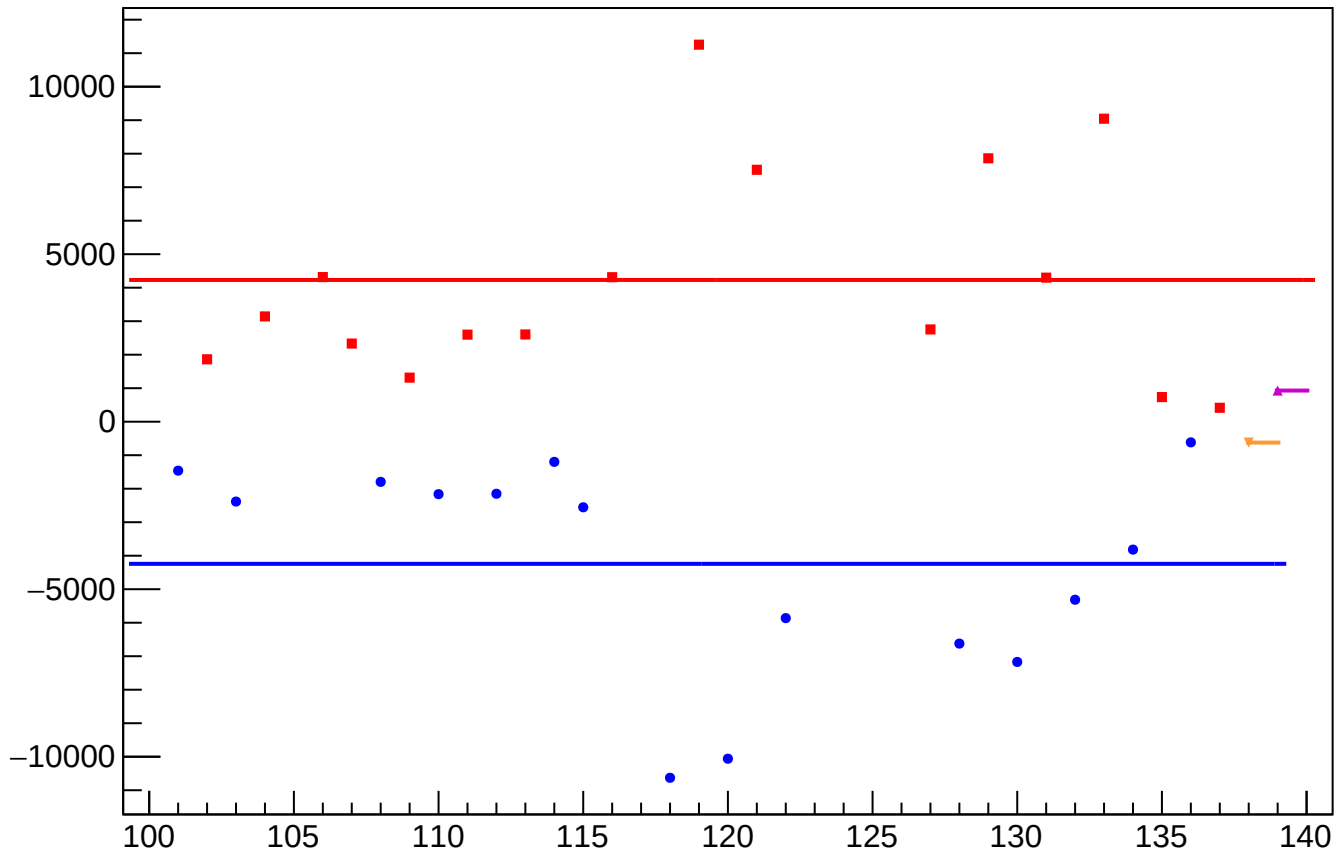
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

-943.293+/-0.000 χ^2/NDF : 6792928152620452

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14

Left Out: -623.180+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: 4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15

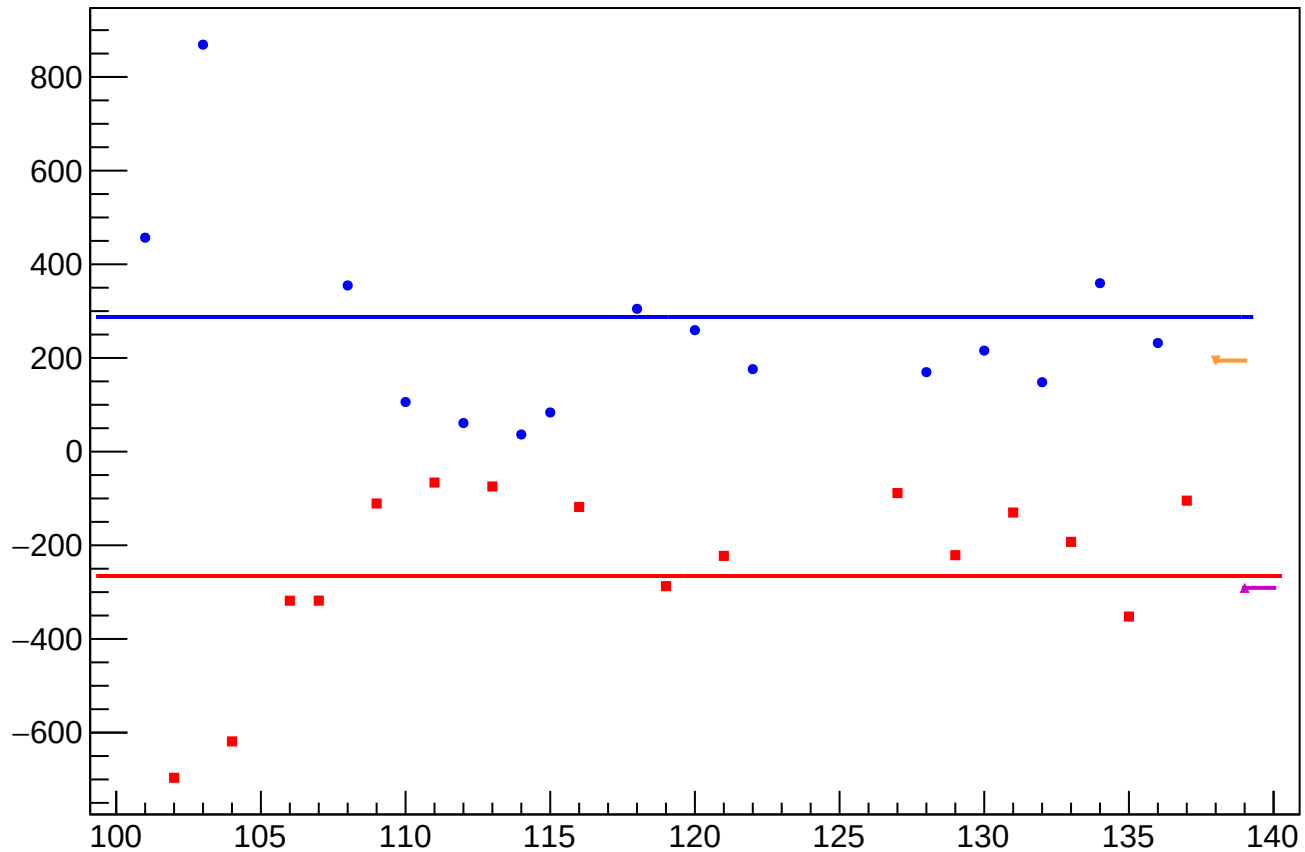
Left In: 929.825+/-0.000 χ^2/NDF : 633310.2/0

-3853.892+/-0.000 χ^2/NDF : 769544241647961

45.630+/-0.000 χ^2/NDF : 3715505024120

4005.061+/-0.000 χ^2/NDF : 7179849057665486

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

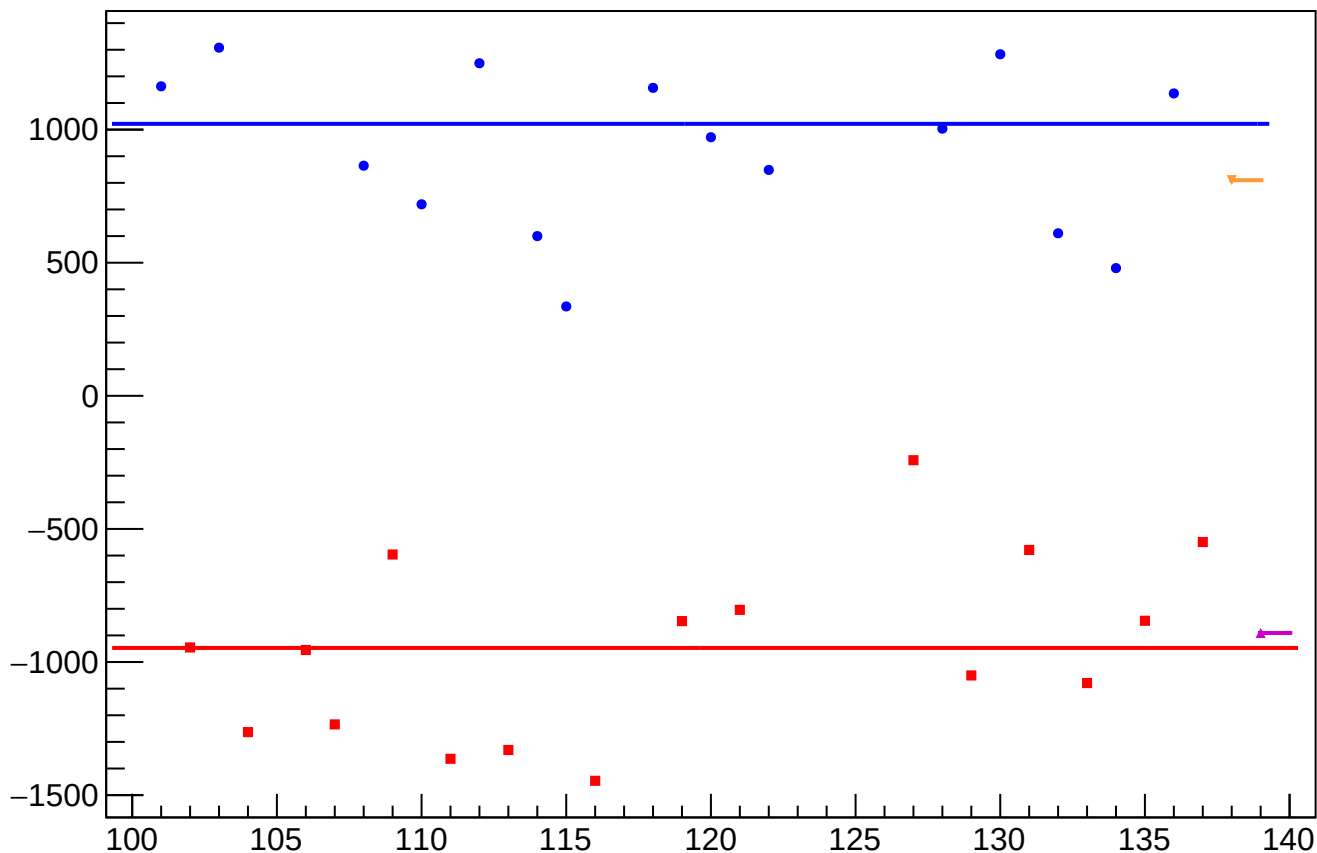
Left In: -290.891+/-0.000 χ^2/NDF : 0.0/0

277.480+/-0.000 χ^2/NDF : 30119441393239264

7.155+/-0.000 χ^2/NDF : 16306059445409

-267.324+/-0.000 χ^2/NDF : 2587247805343464

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

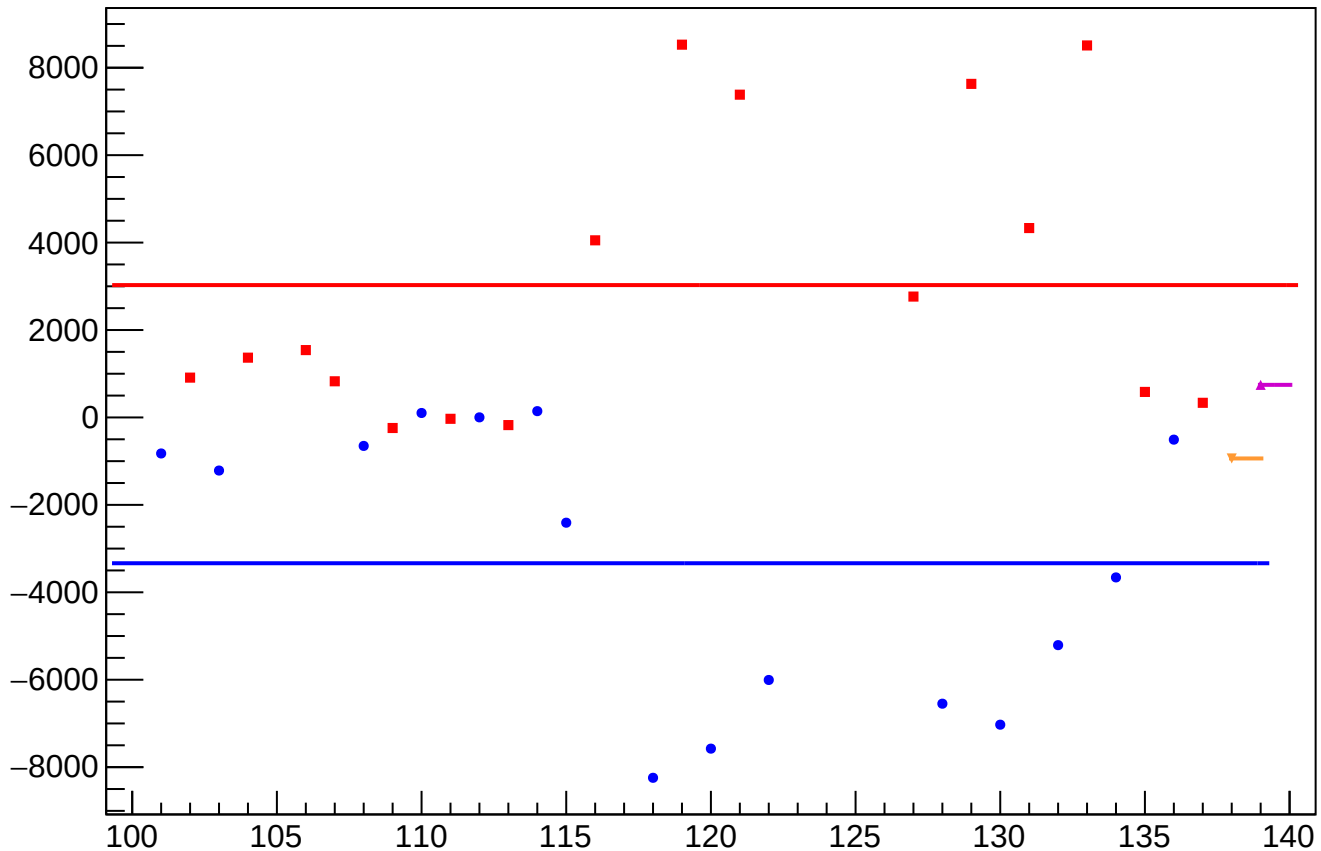
Left In: -890.857 ± 0.000 χ^2/NDF : 0.0/0

998.970 ± 0.000 χ^2/NDF : 43614050609869573

35.241 ± 0.000 χ^2/NDF : 1472352390468

-943.293 ± 0.000 χ^2/NDF : 6792928152620452

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

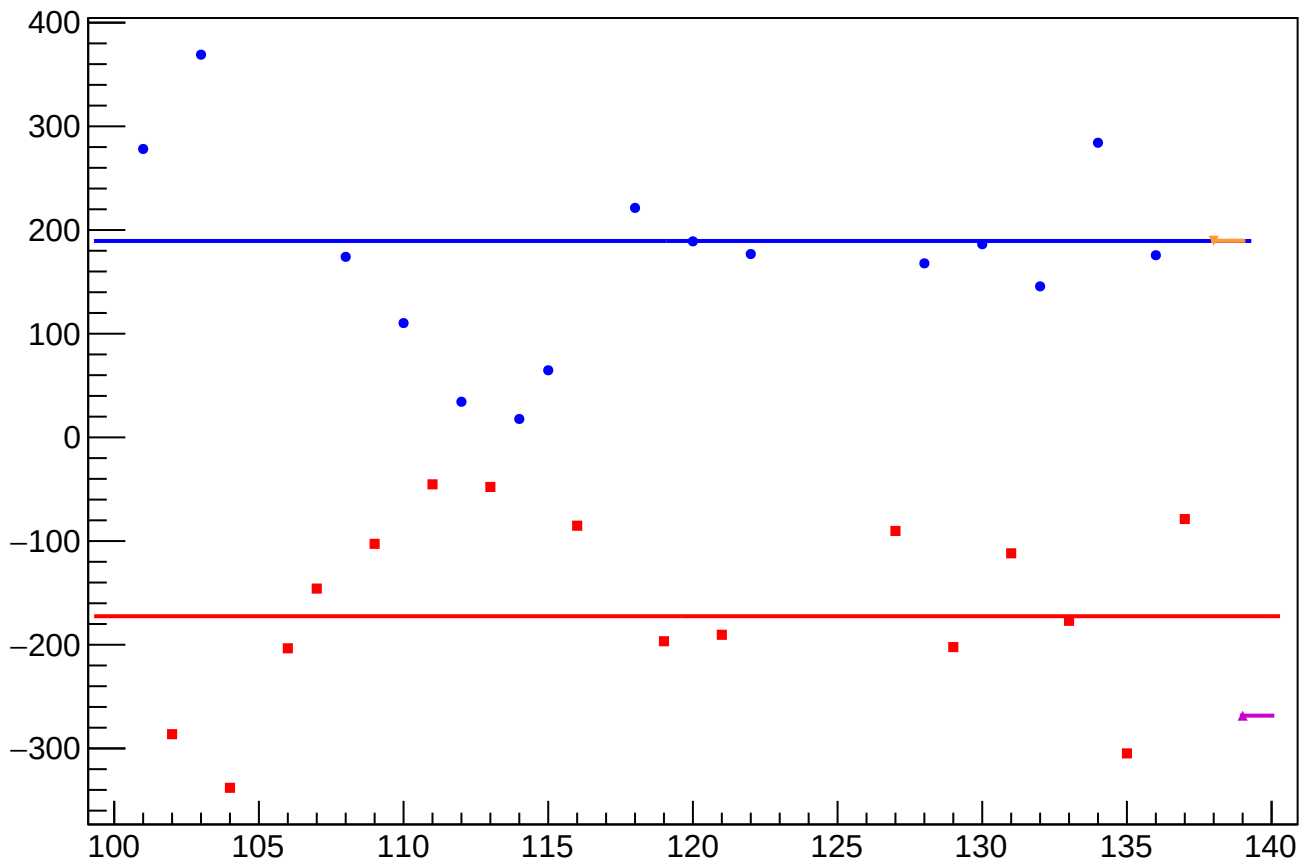
Left In: 745.472+/-0.000 χ^2/NDF : 0.0/0

-3078.095+/-0.000 χ^2/NDF : 673817018243618

-126.012+/-0.000 χ^2/NDF : 268307049670

2871.424+/-0.000 χ^2/NDF : 7323890496665732

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

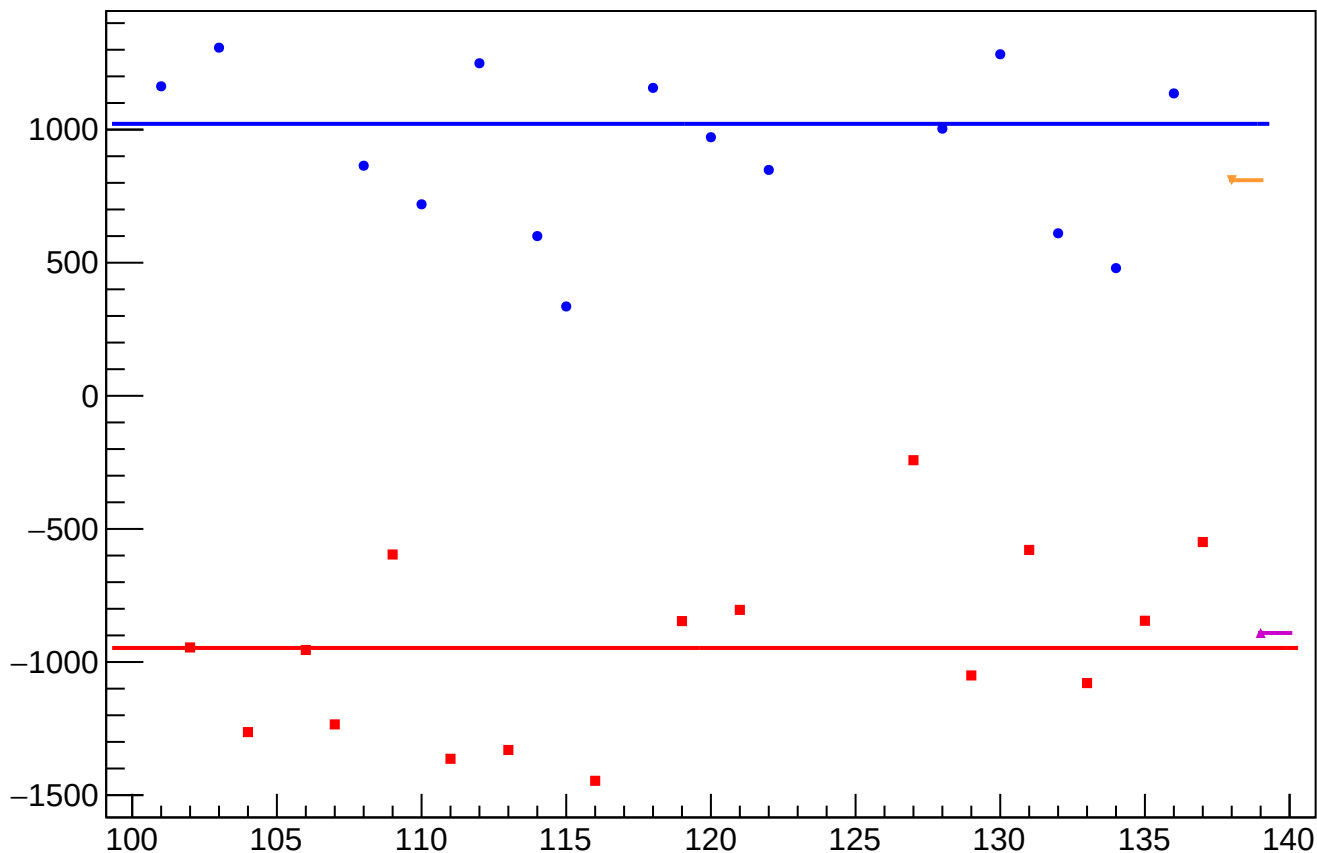
Left In: -268.377+/-0.000 χ^2/NDF : 0.0/0

189.463+/-0.000 χ^2/NDF : 47072370361431720

6.612+/-0.000 χ^2/NDF : 59708707327426

-179.047+/-0.000 χ^2/NDF : 6014553466009296

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

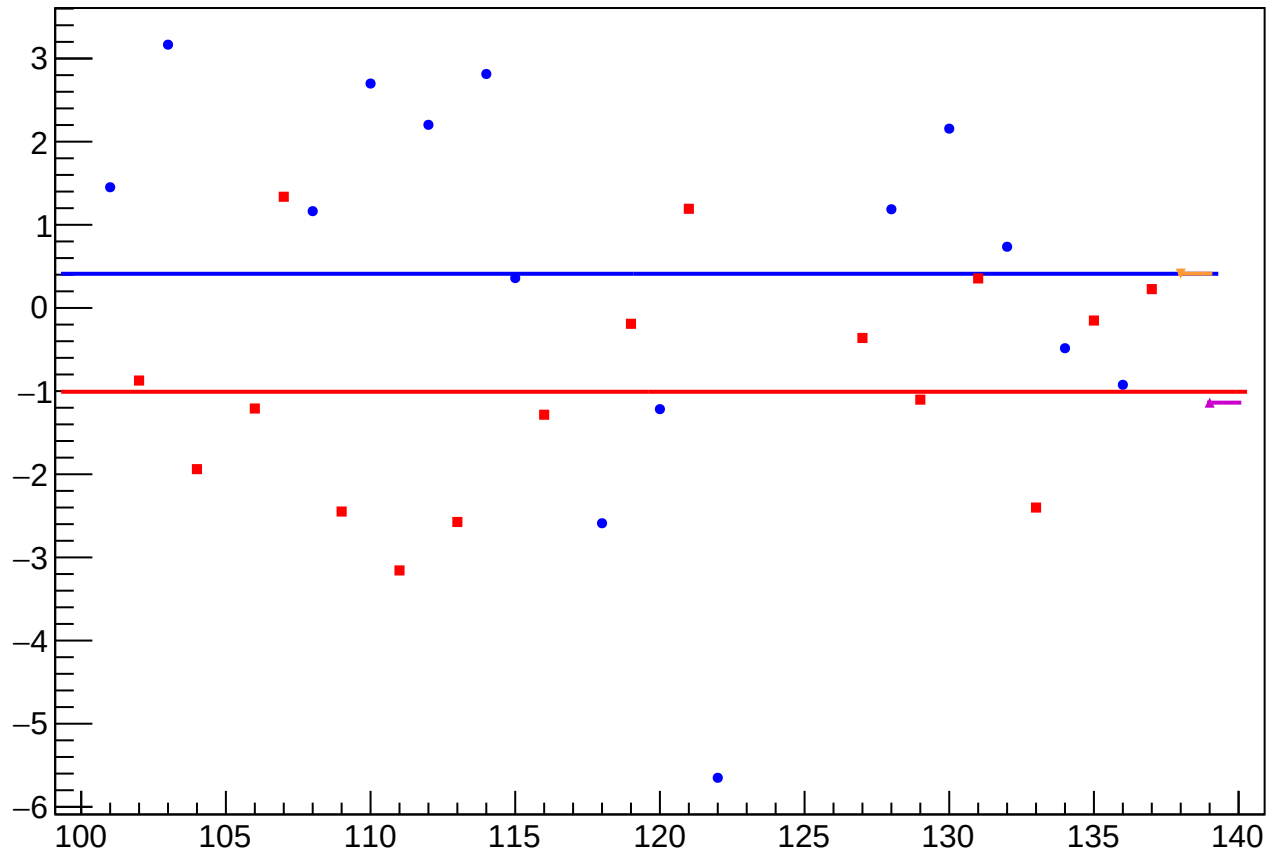
Left In: -890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

35.241+/-0.000 χ^2/NDF : 1472352390468

-943.293+/-0.000 χ^2/NDF : 6792928152620452

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

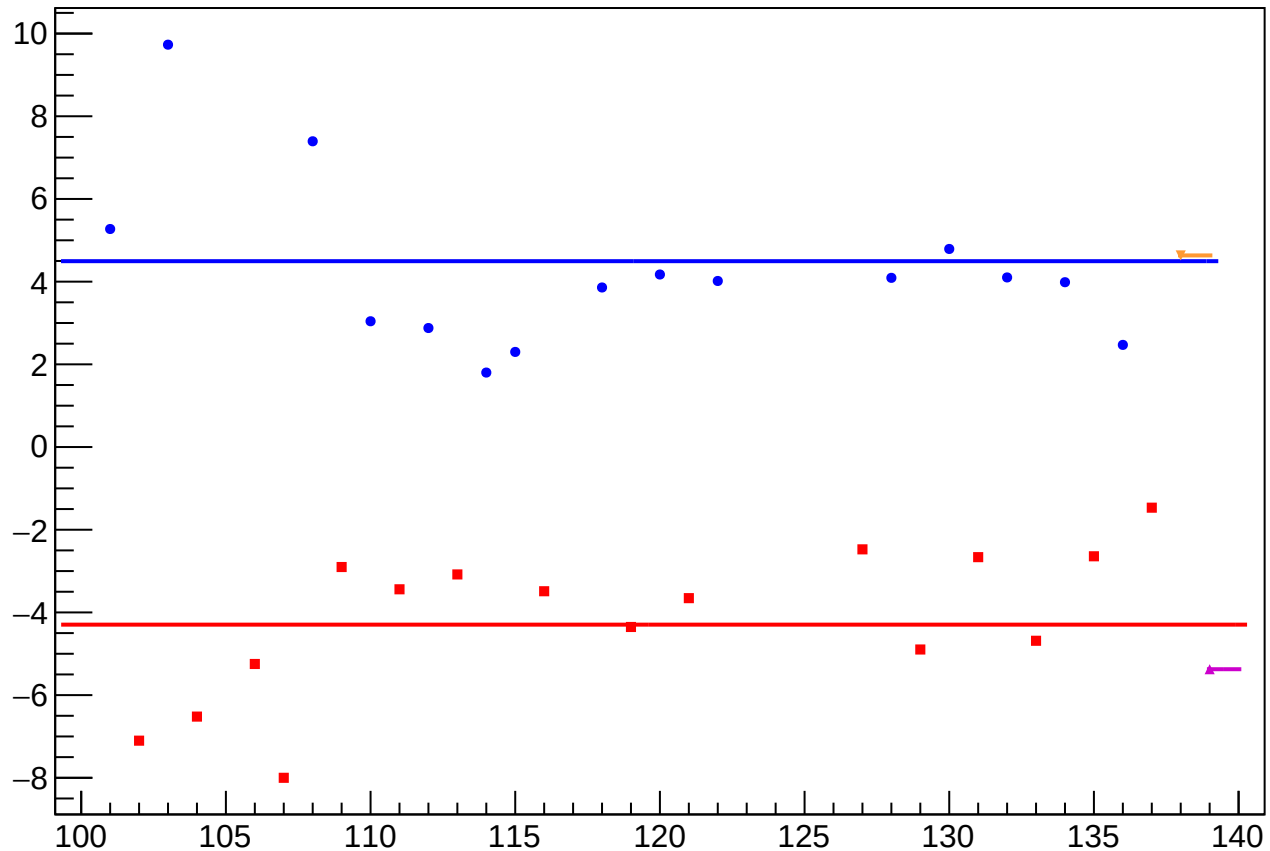
Left In: -1.139+/-0.000 χ^2/NDF : 0.0/0

0.411+/-0.000 χ^2/NDF : 3385573689466811764

-0.297+/-0.000 χ^2/NDF : 5250484273452

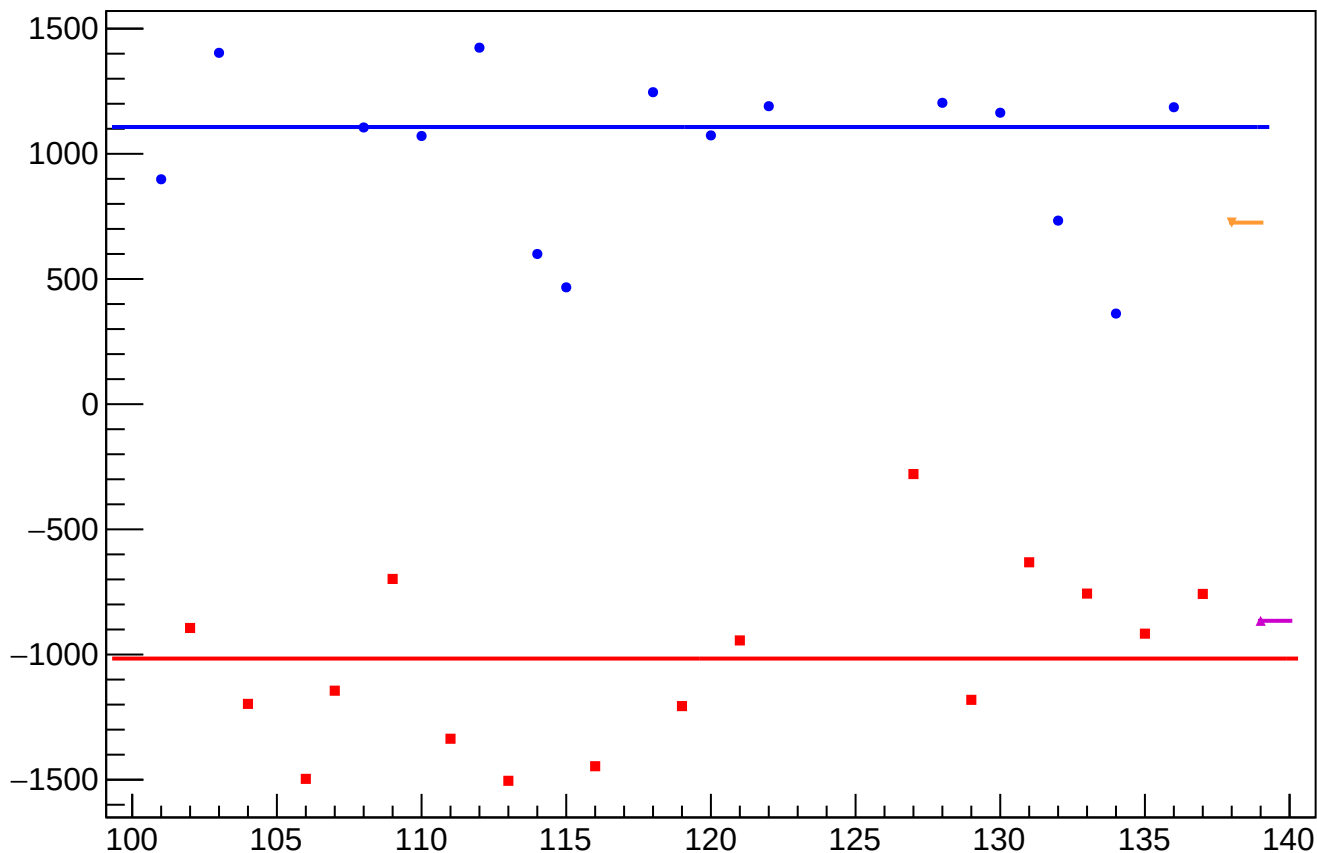
-1.017+/-0.000 χ^2/NDF : 112918290845131087

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: -5.374 ± 0.000 χ^2/NDF : 0.0/0

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

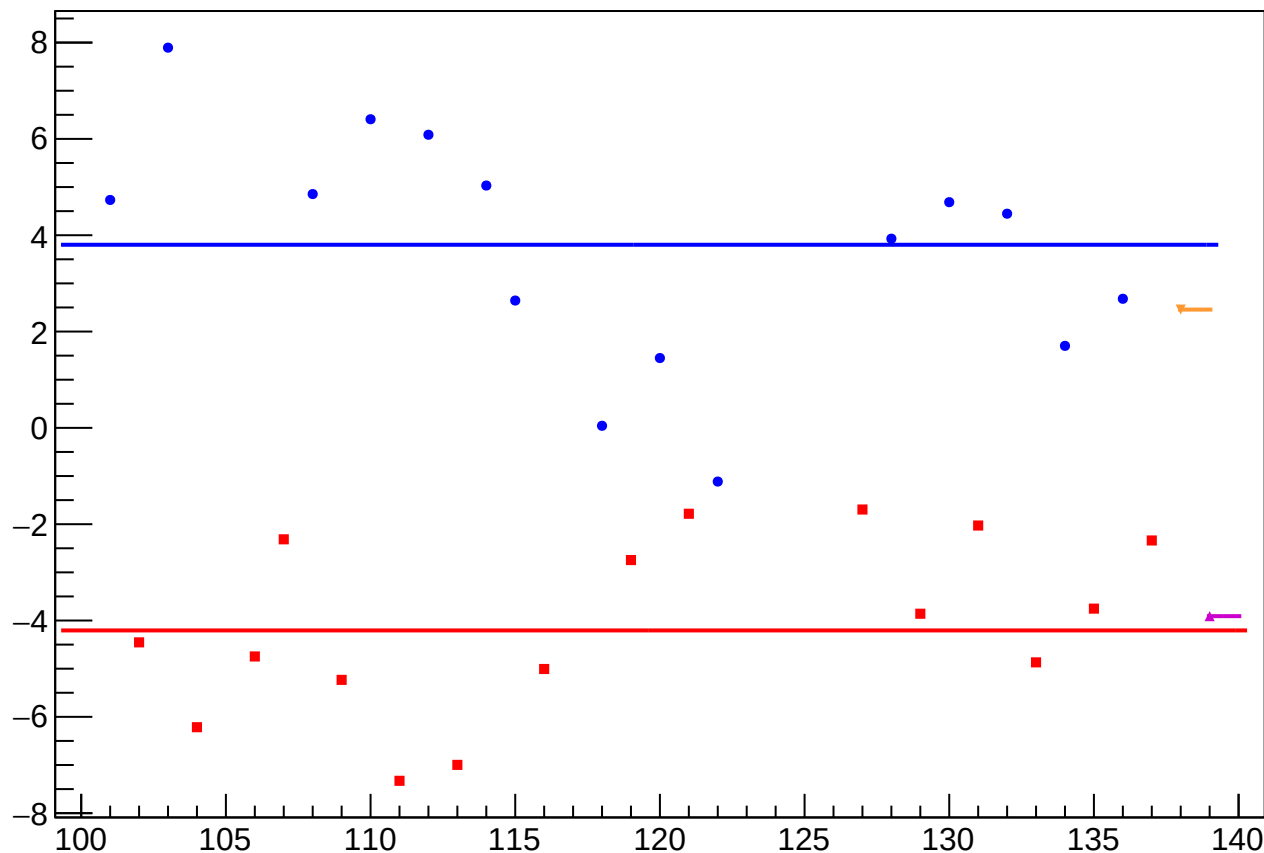
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

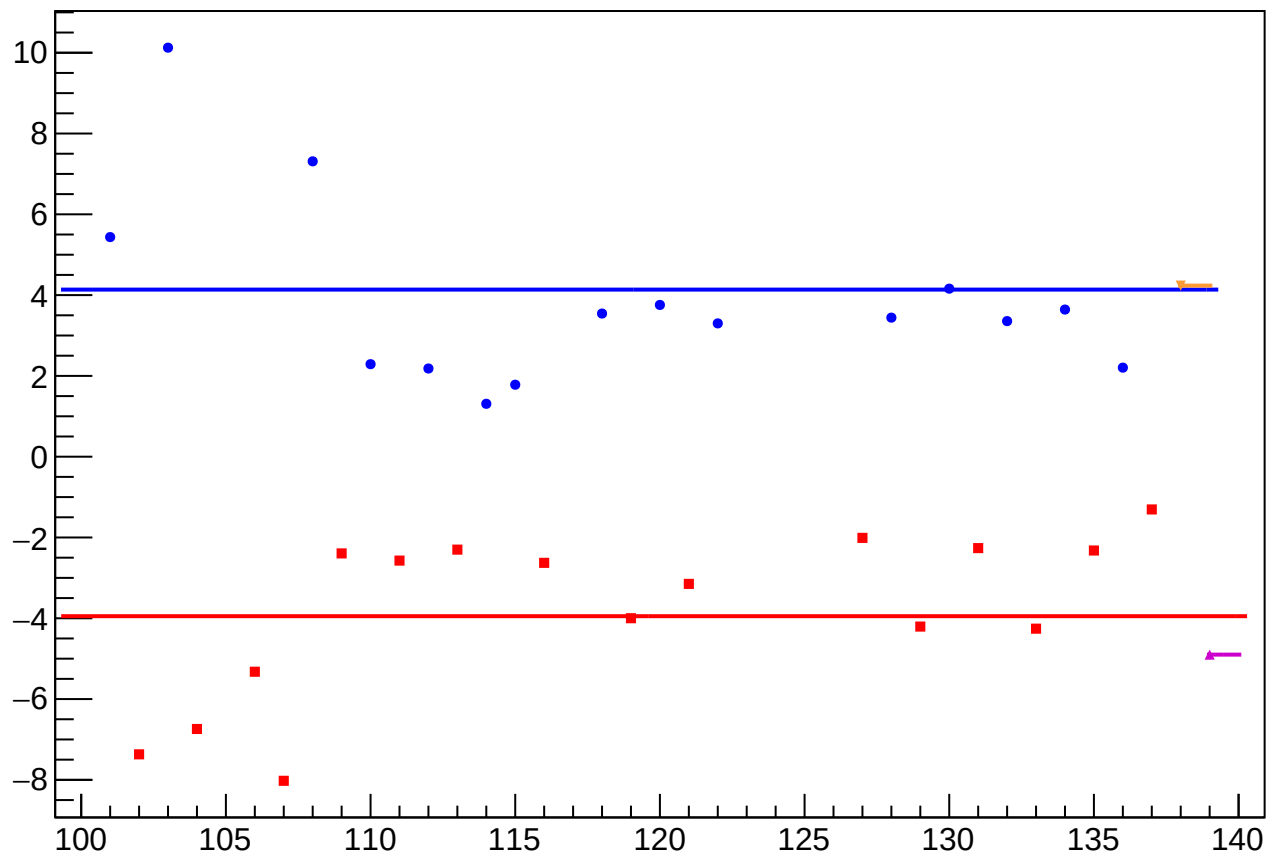
-1005.786+/-0.000 χ^2/NDF : 736057027889330

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: -3.909 ± 0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14

Left Out: 4.235+/-0.000 χ^2/NDF : 61.5/0

Right Out: -3.948+/-0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15

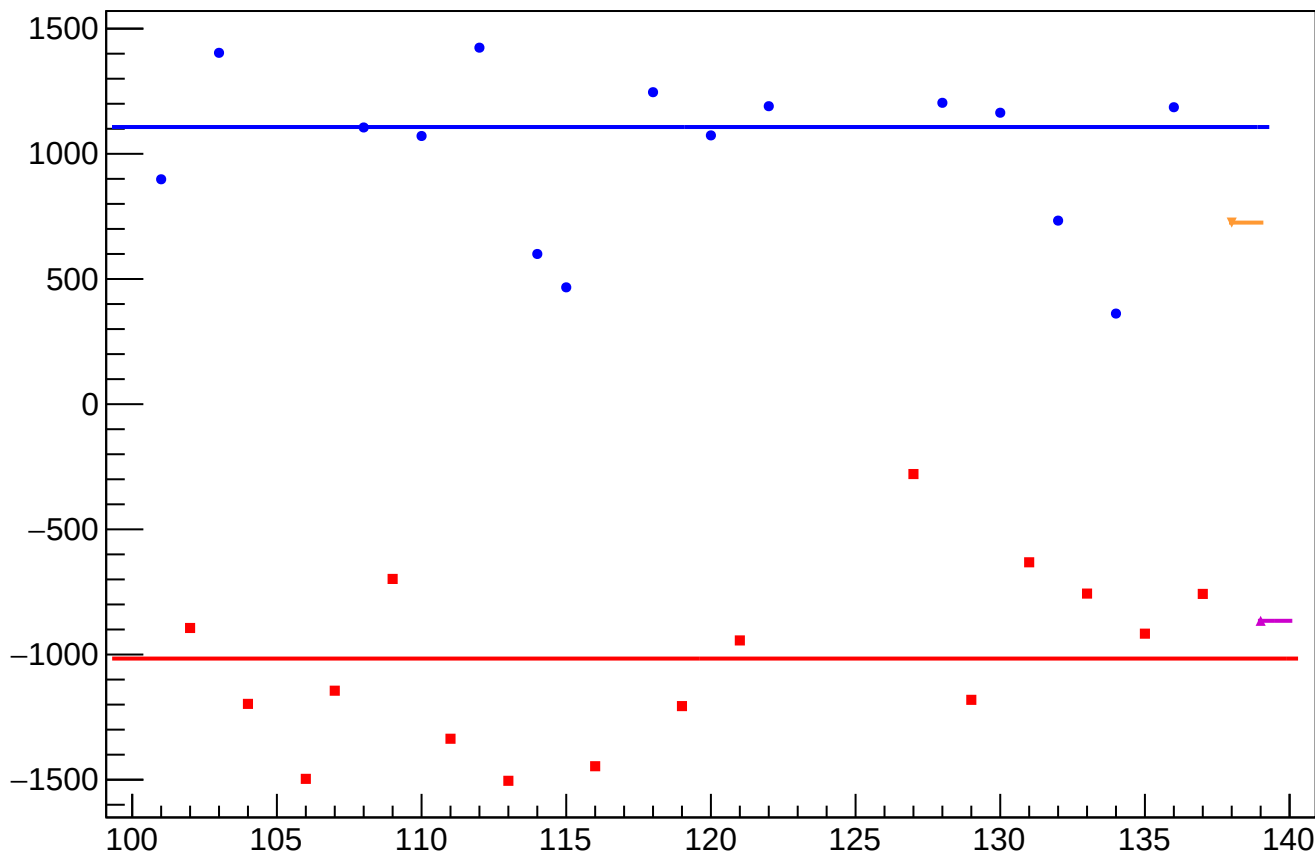
Left In: -4.900+/-0.000 χ^2/NDF : 0.0/0

4.147+/-0.000 χ^2/NDF : 3508279214550174905

0.098+/-0.000 χ^2/NDF : 30242136053878

-4.014+/-0.000 χ^2/NDF : 271150684859874734

dit_4eX_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

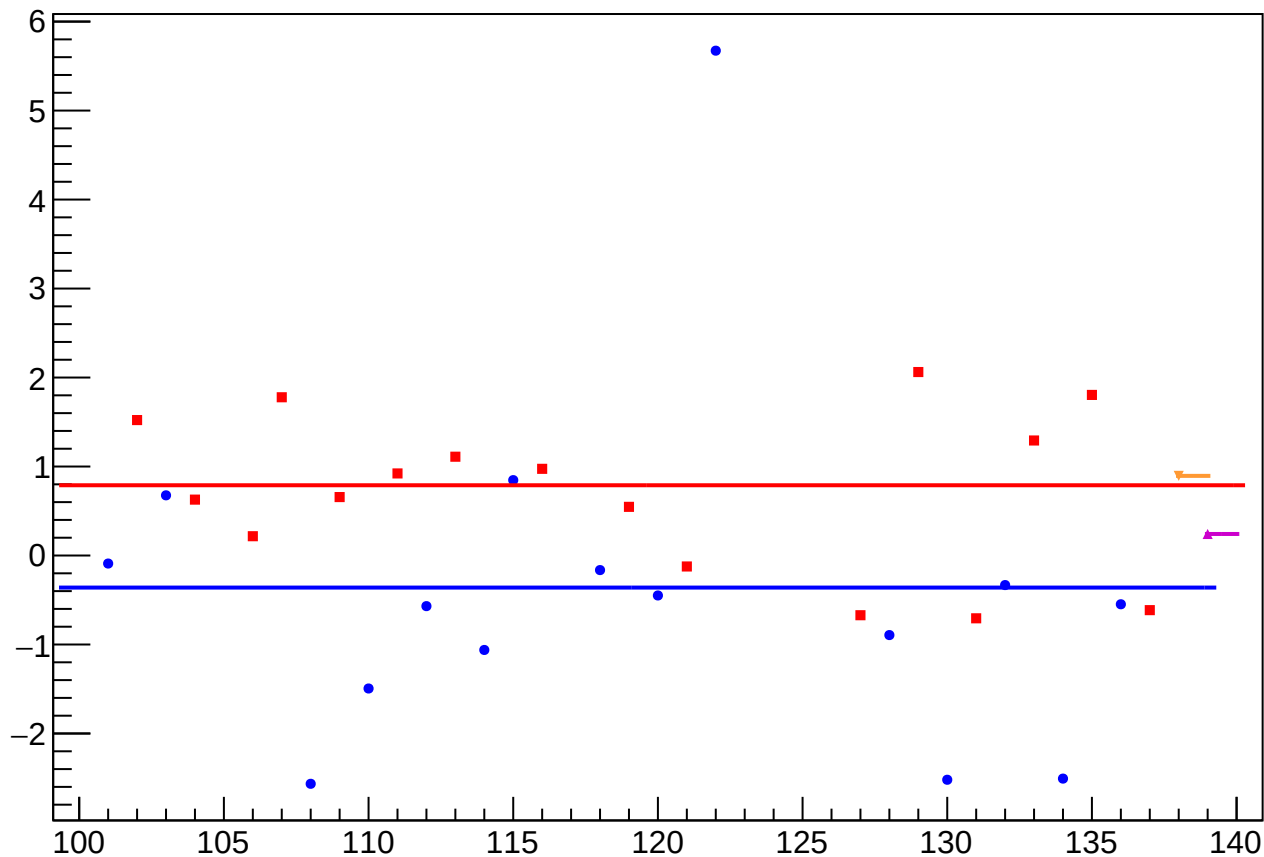
Left In: -865.306 $\pm$ 0.000 χ^2/NDF : 0.0/0

1066.092 $\pm$ 0.000 χ^2/NDF : 5078250459944977

38.050 $\pm$ 0.000 χ^2/NDF : 1672882674664

-1005.786 $\pm$ 0.000 χ^2/NDF : 736057027889330

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

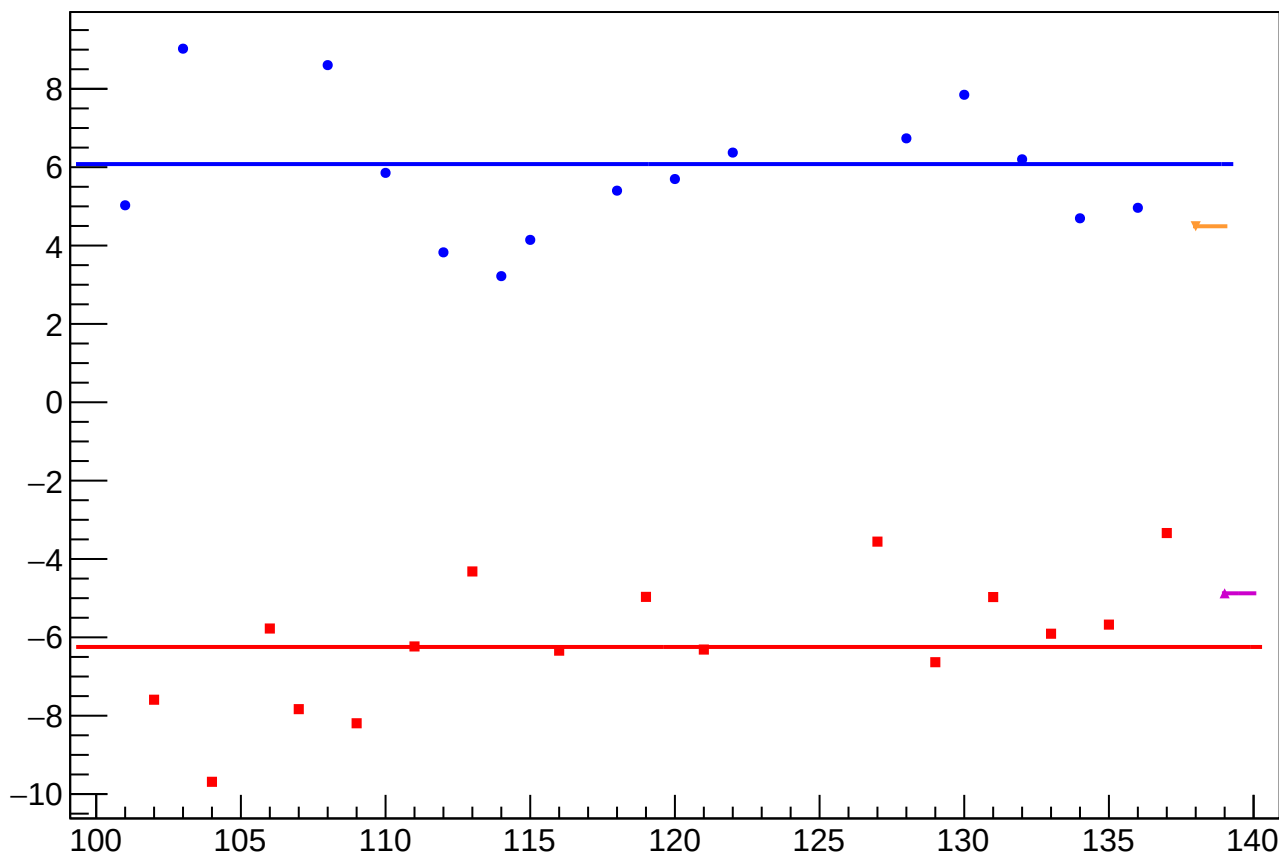
Left In: 0.242 ± 0.000 χ^2/NDF : 0.0/0

-0.226 ± 0.000 χ^2/NDF : 228997245327138618

0.260 ± 0.000 χ^2/NDF : 31115321180134

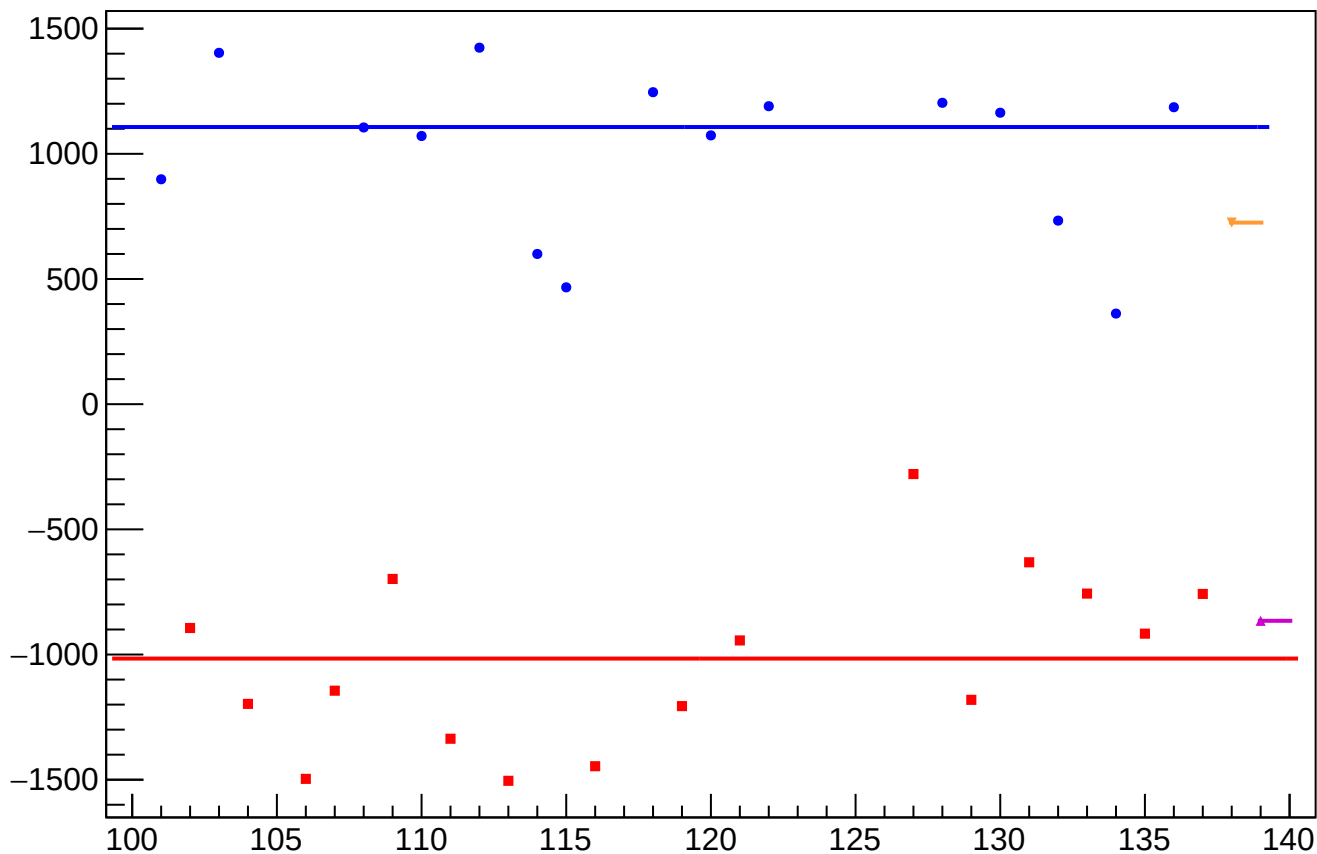
0.752 ± 0.000 χ^2/NDF : 4767622076364305949

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079+/-0.000	χ^2/NDF : 1590295171022705157509900448825344.0/14	5.909+/-0.000	χ^2/NDF : 1765700427937304125
Left Out: 4.492+/-0.000	χ^2/NDF : 61.5/0	-0.075+/-0.000	χ^2/NDF : 5614047212189
Right Out: -6.245+/-0.000	χ^2/NDF : 1816529163105006938510976985595904.0/15	-6.152+/-0.000	χ^2/NDF : 190212781834128782
Left In: -4.876+/-0.000	χ^2/NDF : 0.0/0		

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

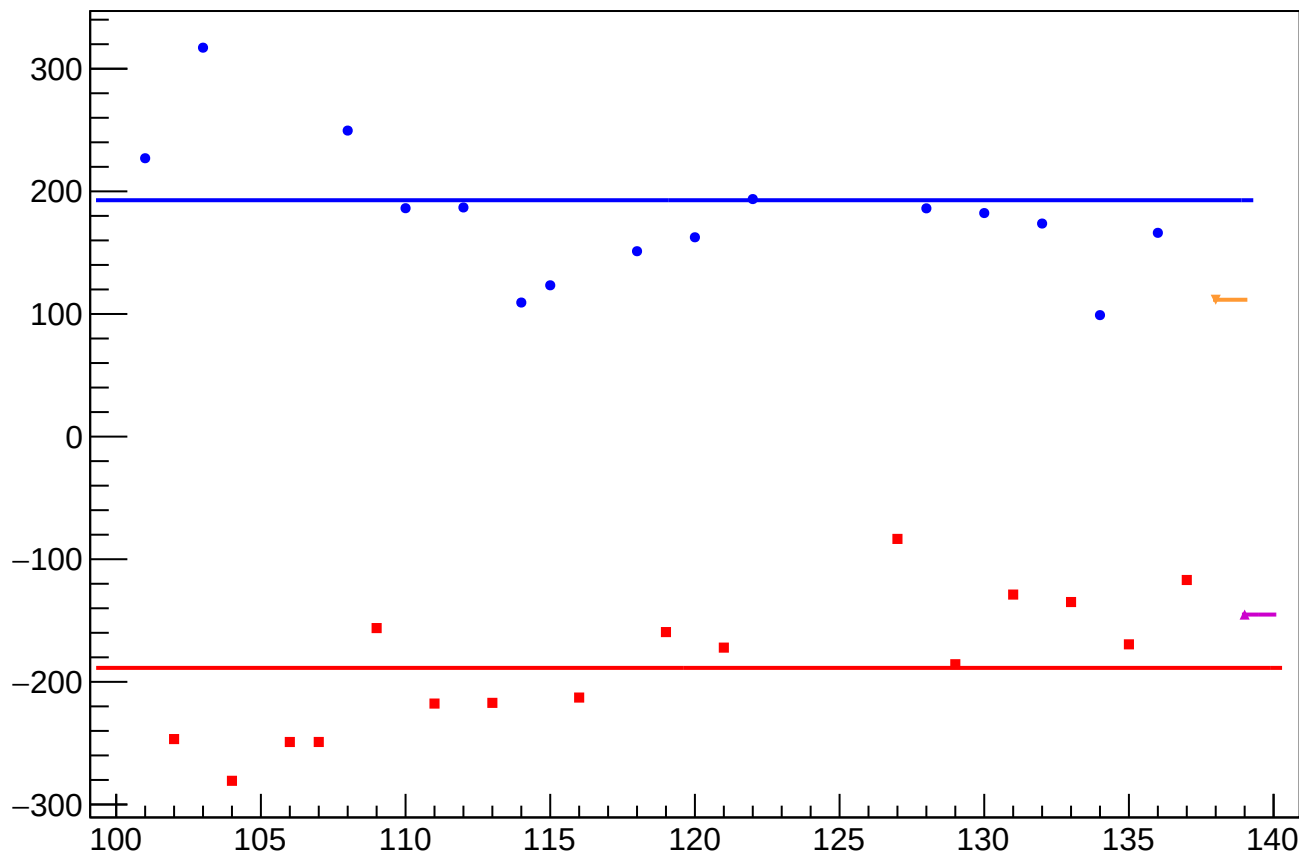
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

-1005.786+/-0.000 χ^2/NDF : 736057027889330

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

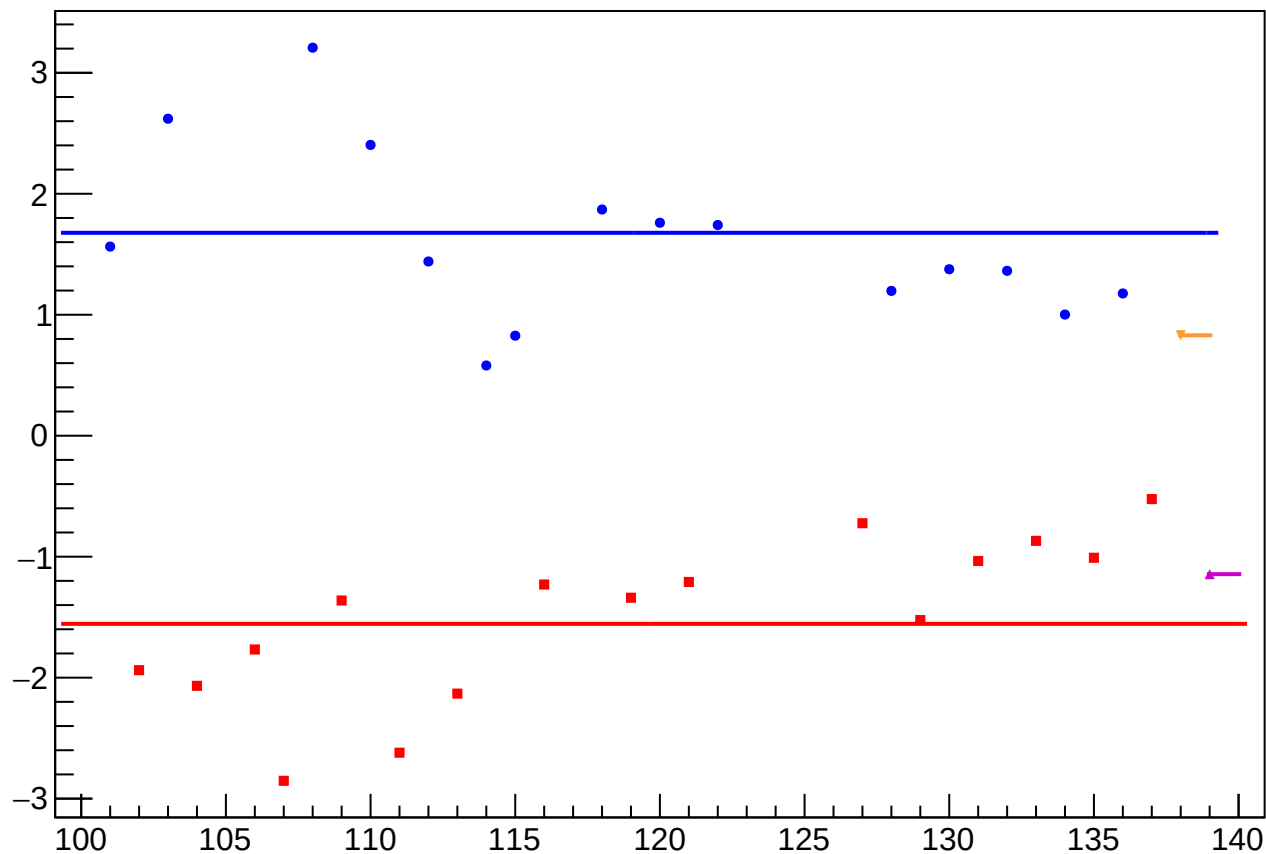
Left In: -145.134+/-0.000 χ^2/NDF : 39581.9/0

184.063+/-0.000 χ^2/NDF : 20992416797399728

0.623+/-0.000 χ^2/NDF : 53411518175485

-185.636+/-0.000 χ^2/NDF : 2008630327956664

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 0.830 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

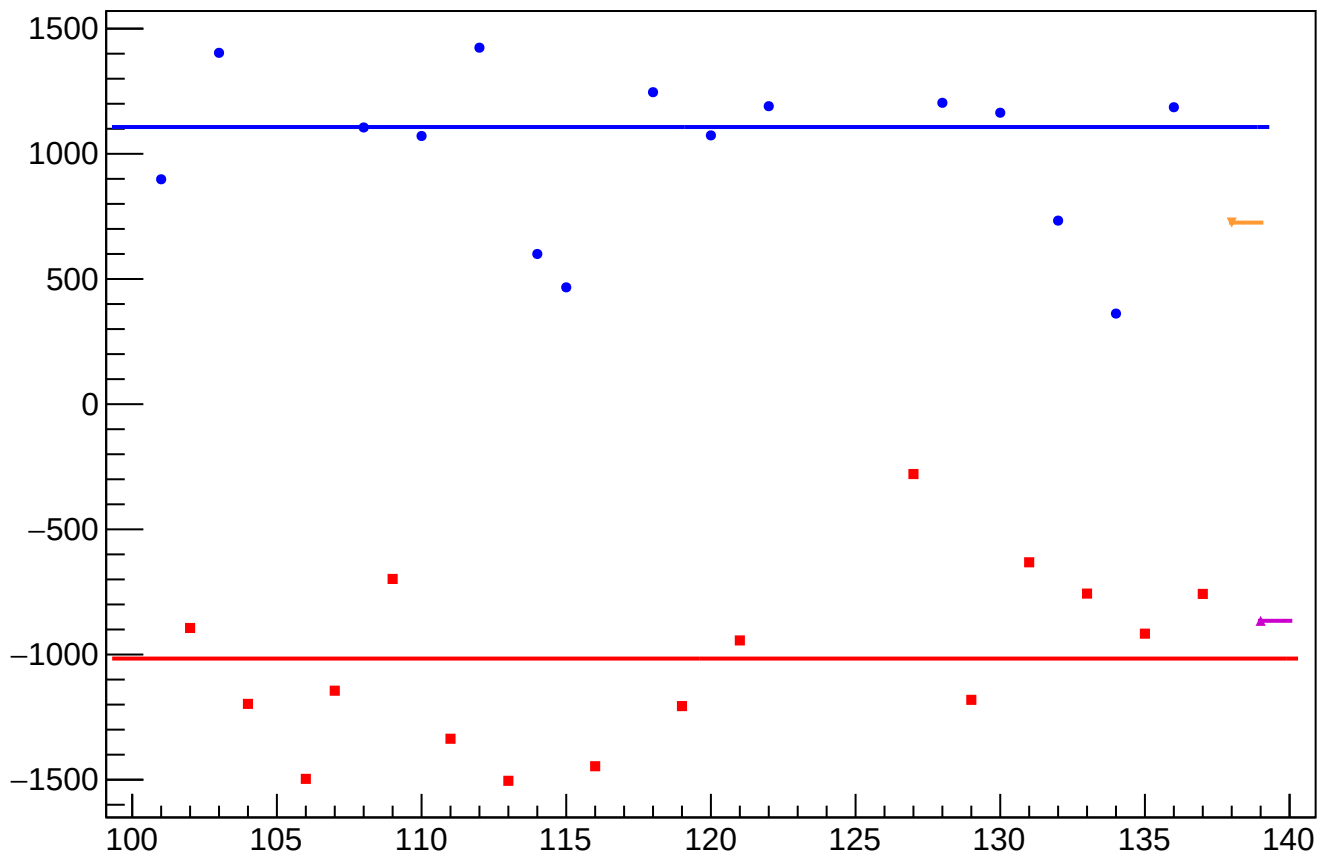
Left In: -1.144 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.587 $\pm$ 0.000 χ^2 /NDF: 2918534231948863309

0.042 $\pm$ 0.000 χ^2 /NDF: 40519075043341

-1.527 $\pm$ 0.000 χ^2 /NDF: 263343800684597638

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

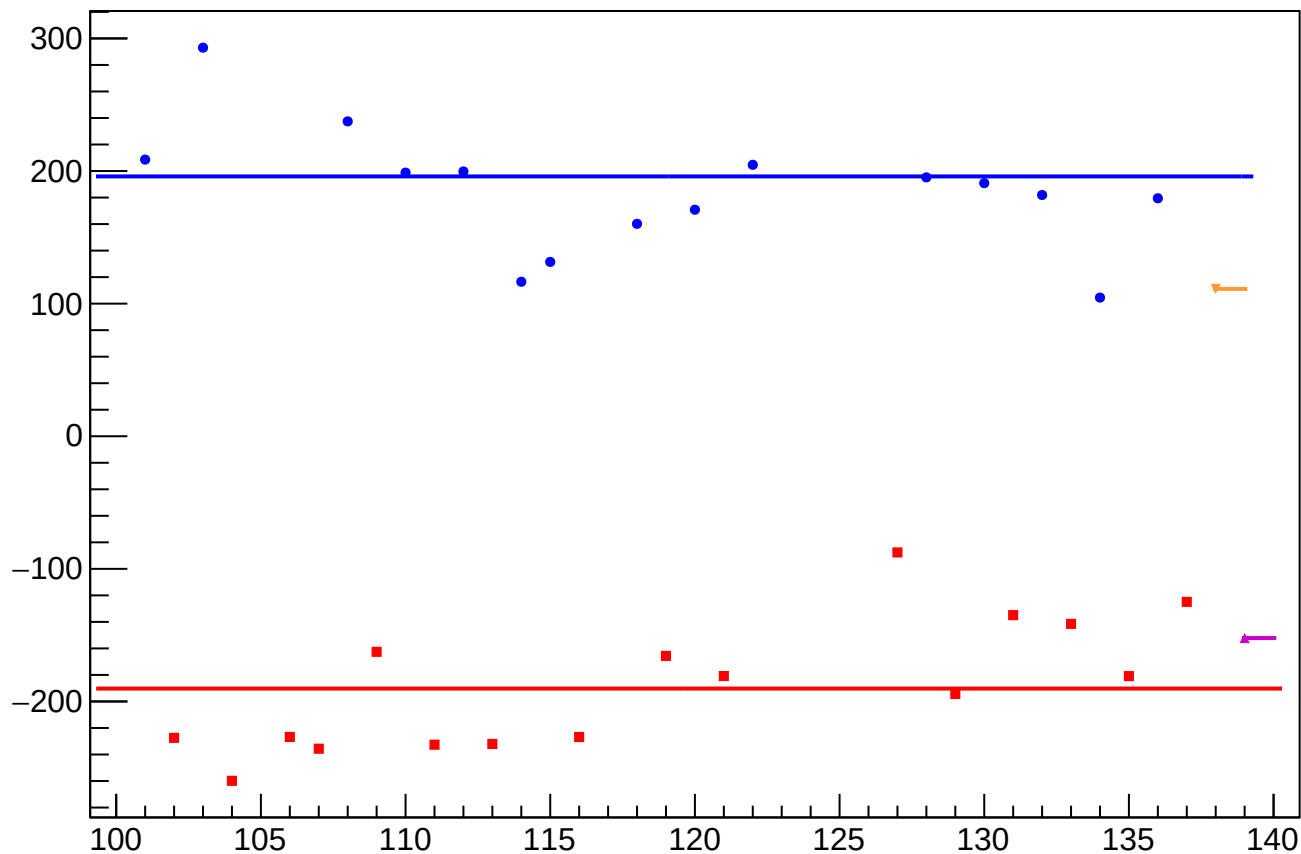
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

-1005.786+/-0.000 χ^2/NDF : 736057027889330

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 111.131 $\pm$ 0.000 χ^2 /NDF: 15752.0/0

Right Out: -190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15

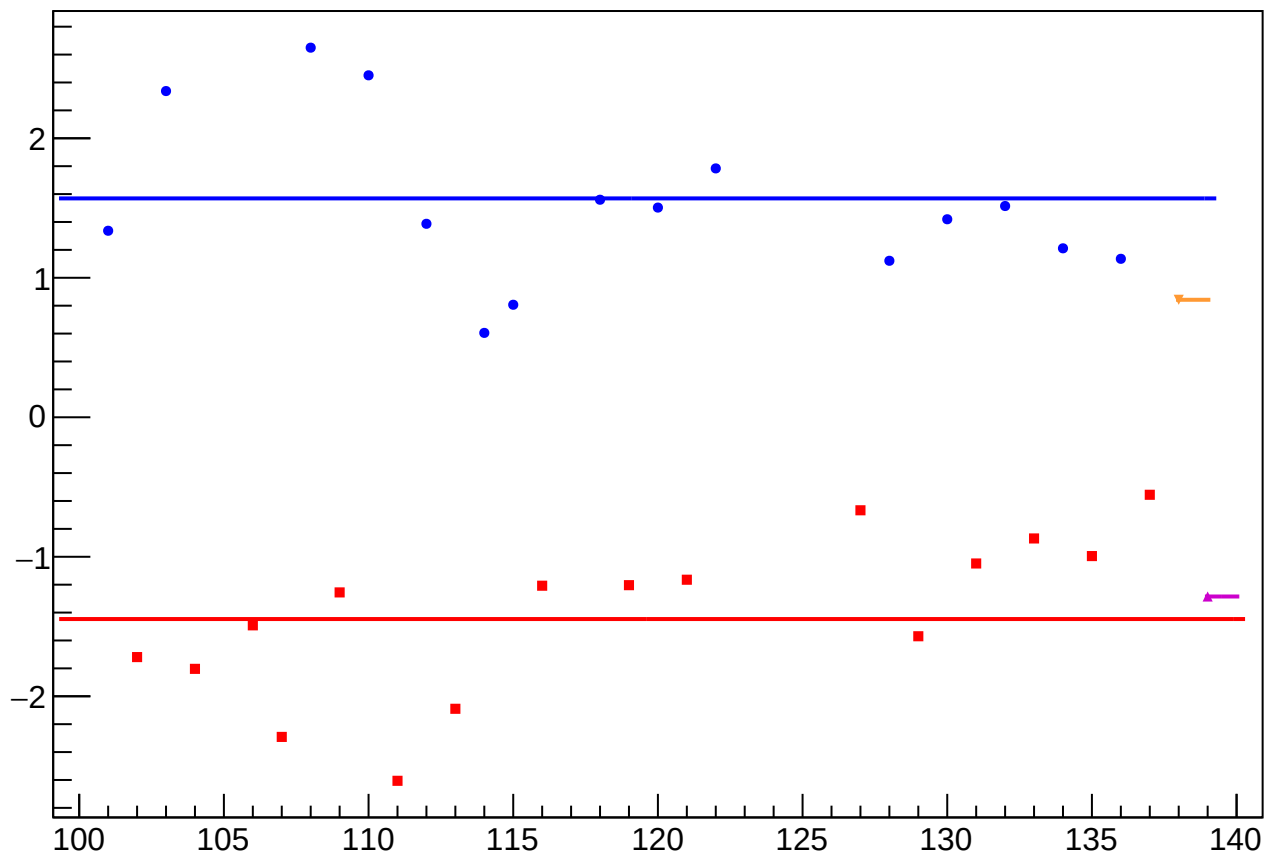
Left In: -152.163 $\pm$ 0.000 χ^2 /NDF: 39581.9/0

186.841 $\pm$ 0.000 χ^2 /NDF: 15587206406161135

1.018 $\pm$ 0.000 χ^2 /NDF: 53686115391104

-187.660 $\pm$ 0.000 χ^2 /NDF: 1534751321513945

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 0.842+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

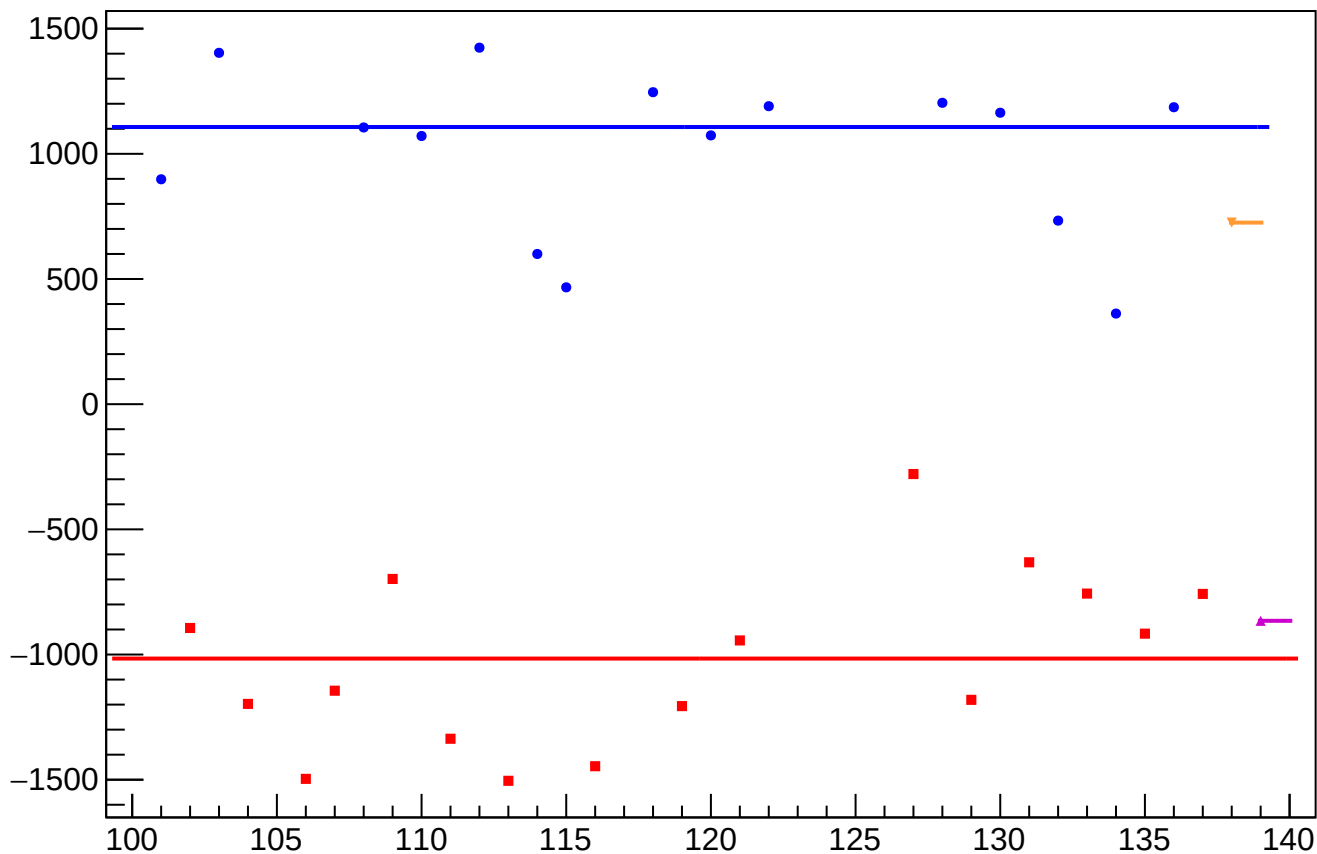
Left In: -1.285+/-0.000 χ^2/NDF : 2.4/0

1.491+/-0.000 χ^2/NDF : 1996241525295869340

0.039+/-0.000 χ^2/NDF : 34861305120210

-1.435+/-0.000 χ^2/NDF : 197487980206946291

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

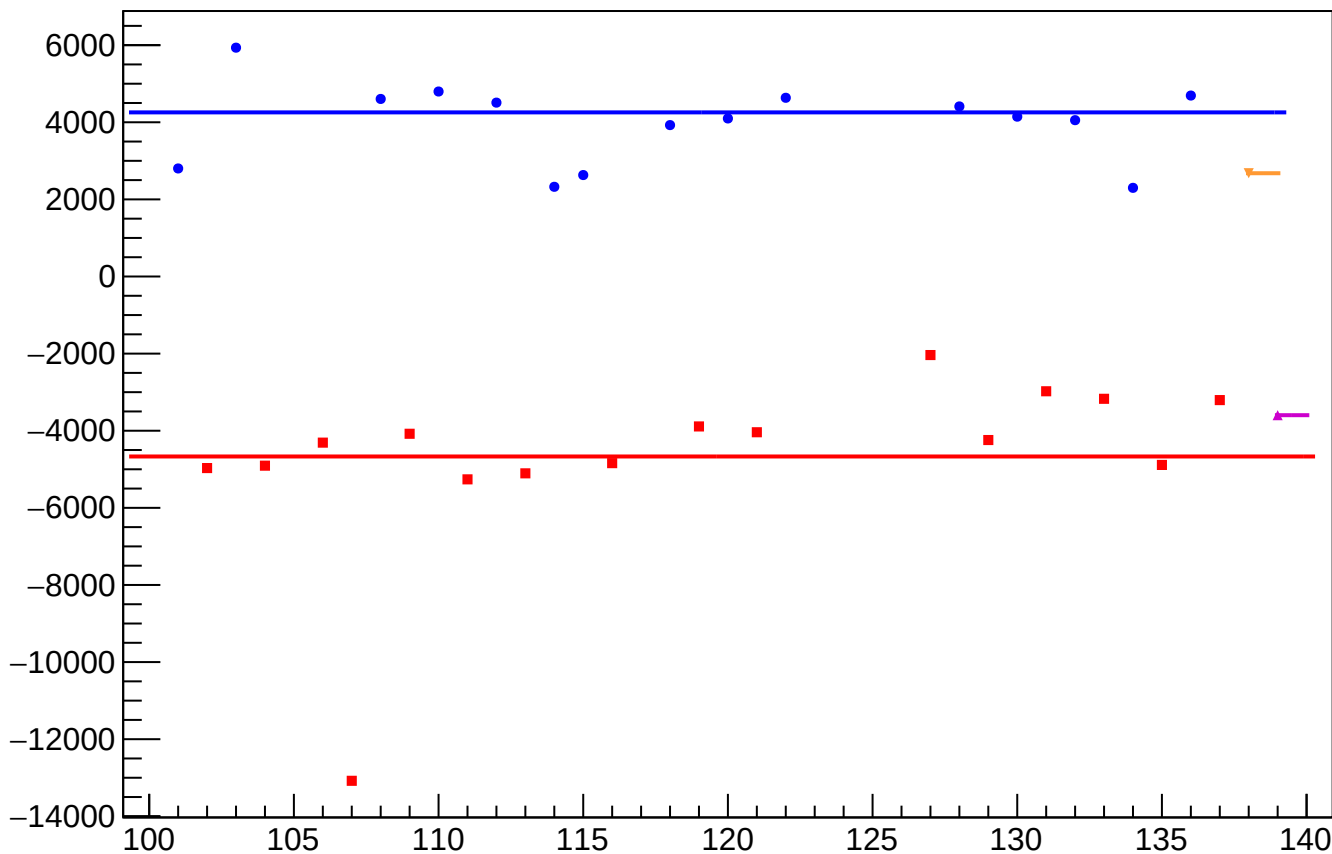
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

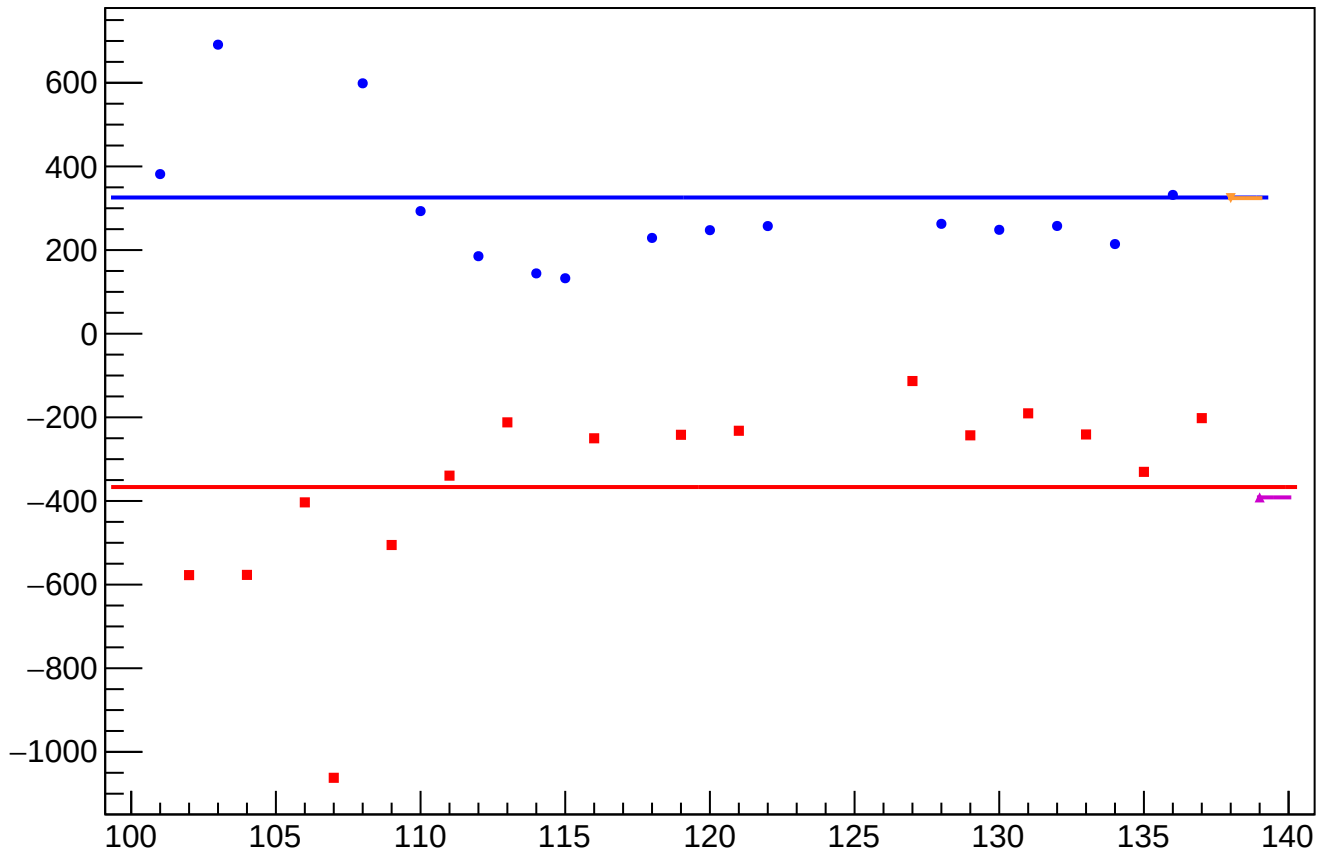
-1005.786+/-0.000 χ^2/NDF : 736057027889330

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 2678.490+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: -3596.916+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



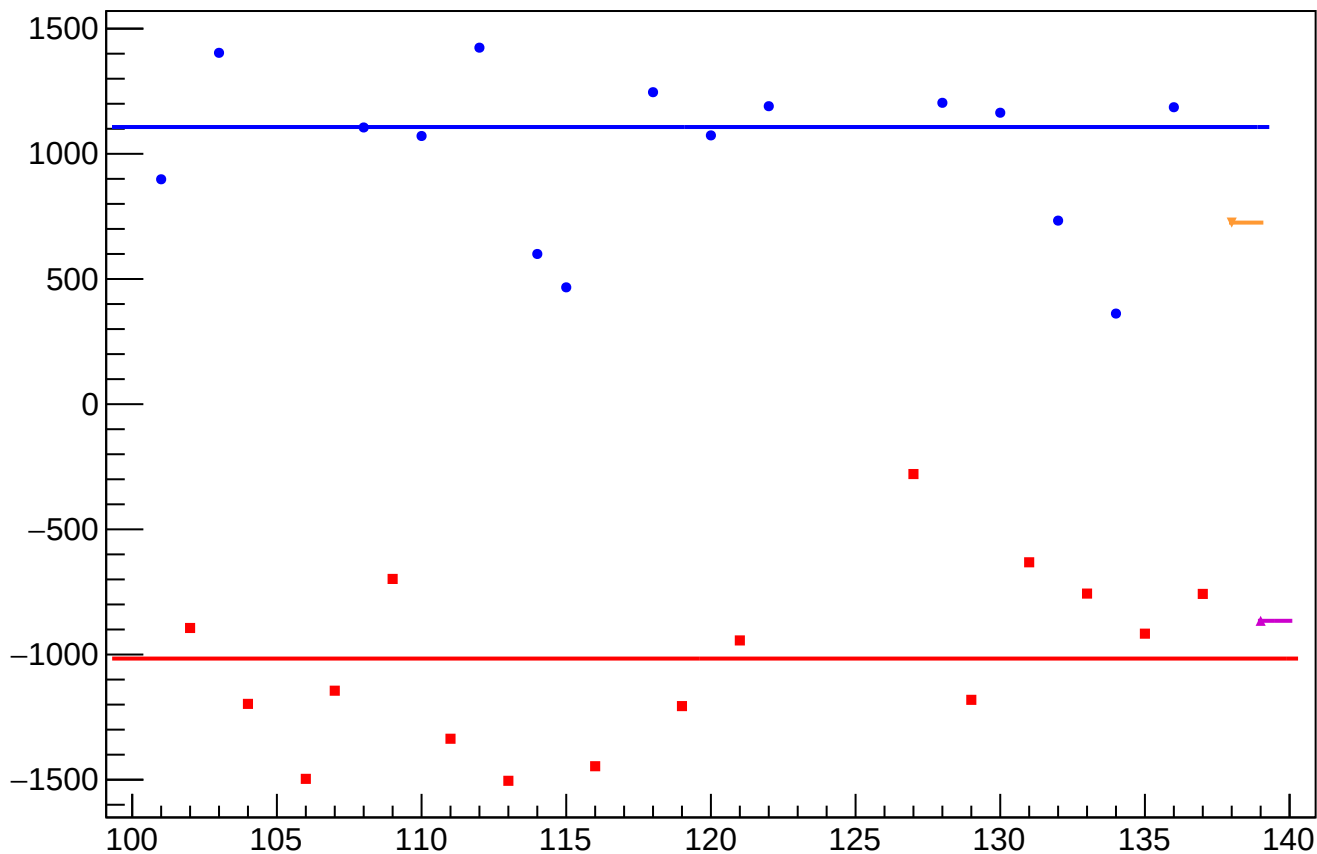
Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 324.211+/-0.000 χ^2/NDF : 0.0/0

Right Out: -366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

Left In: -391.413+/-0.000 χ^2/NDF : 158327.5/0

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

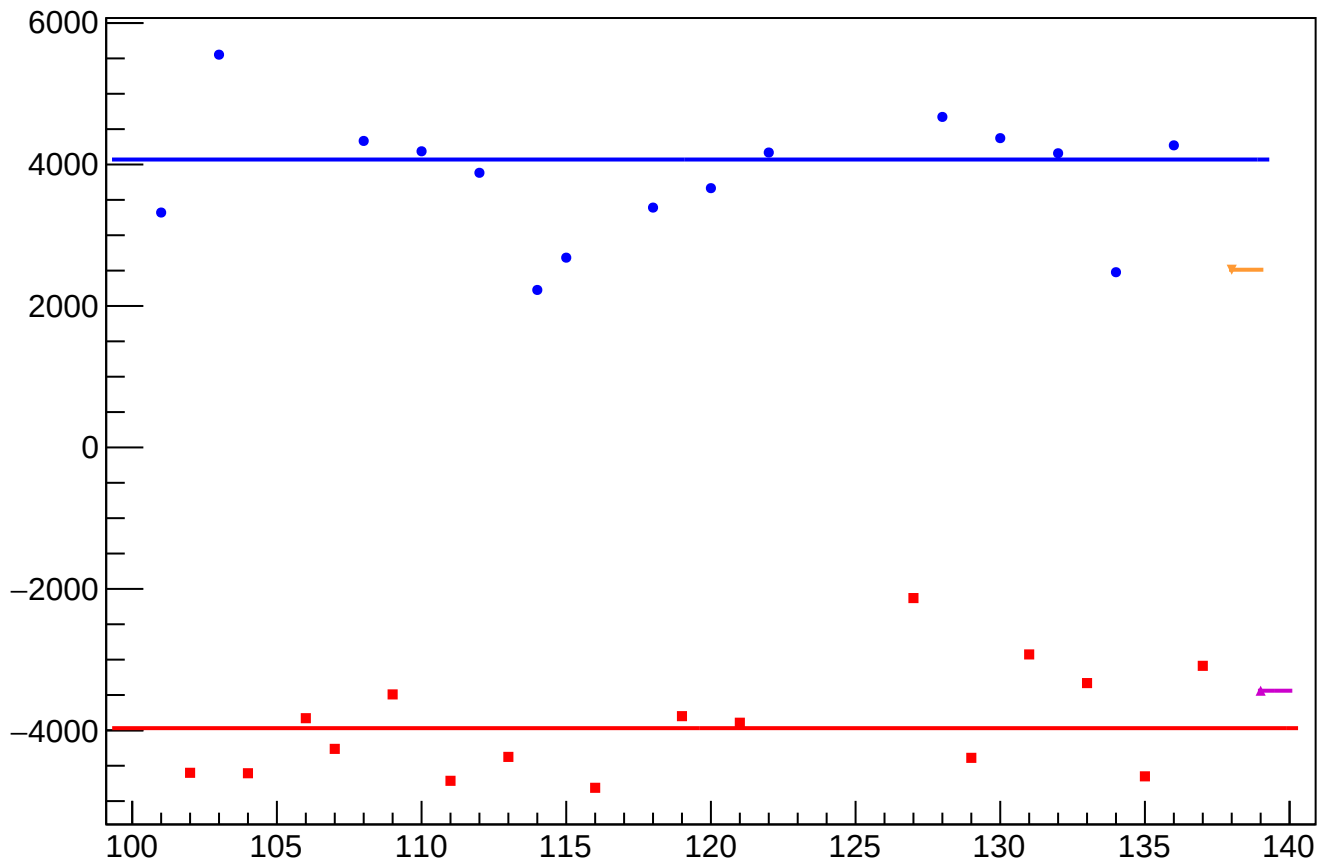
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

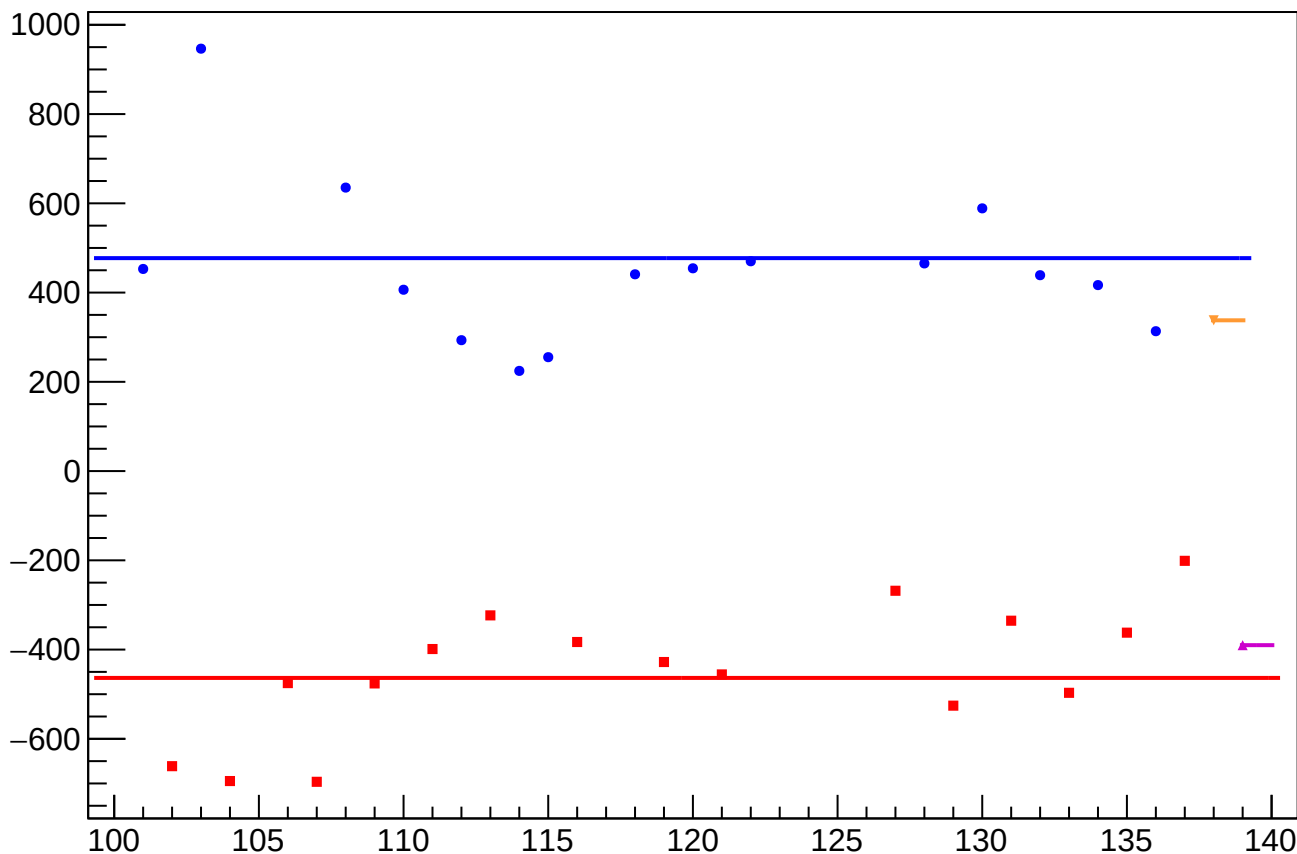
-1005.786+/-0.000 χ^2/NDF : 736057027889330

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 2512.394+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15
 Left In: -3439.317+/-0.000 χ^2/NDF : 10132962.5/0

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

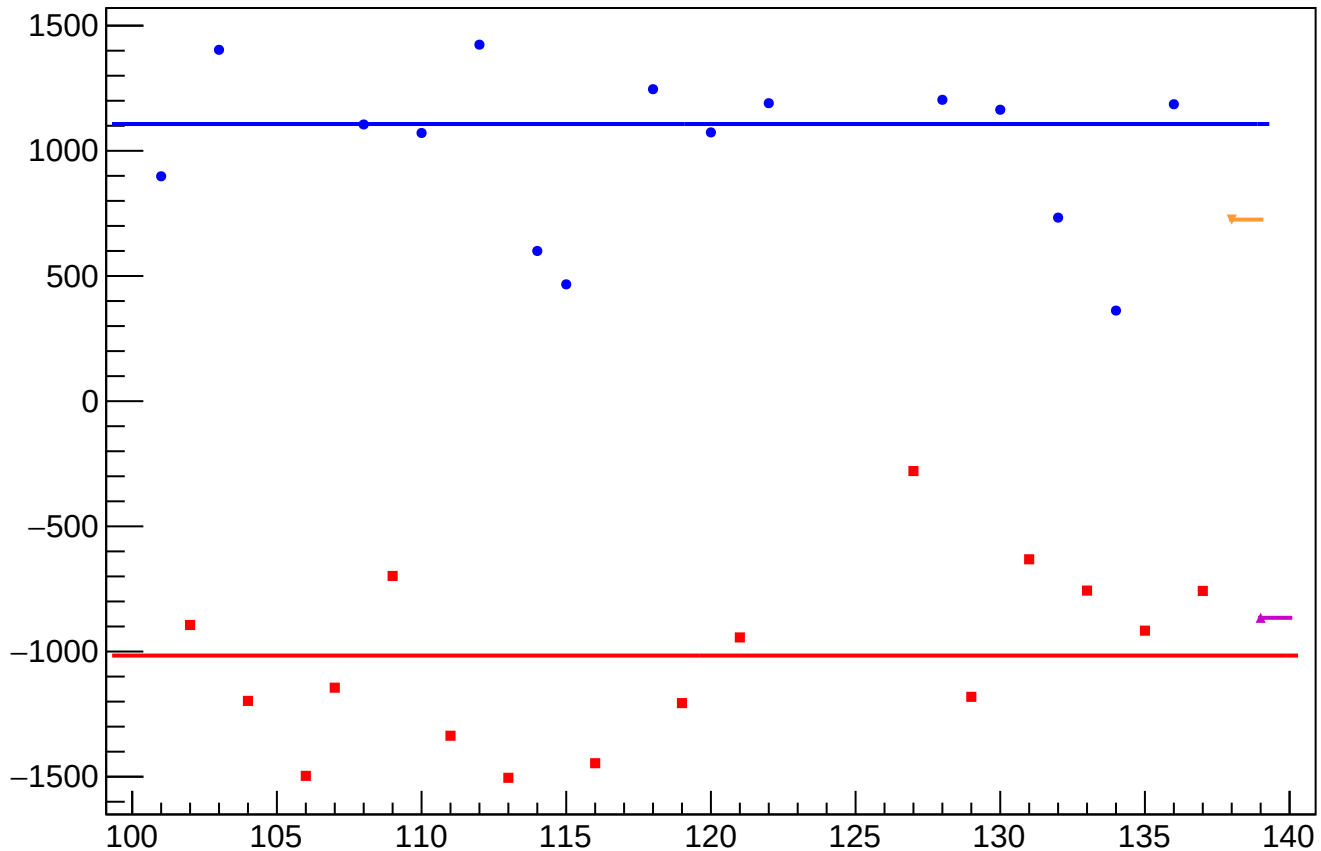
Left In: -390.106+/-0.000 χ^2/NDF : 0.0/0

462.238+/-0.000 χ^2/NDF : 21807490636177173

5.384+/-0.000 χ^2/NDF : 34041367373740

-458.489+/-0.000 χ^2/NDF : 1280274325181228

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

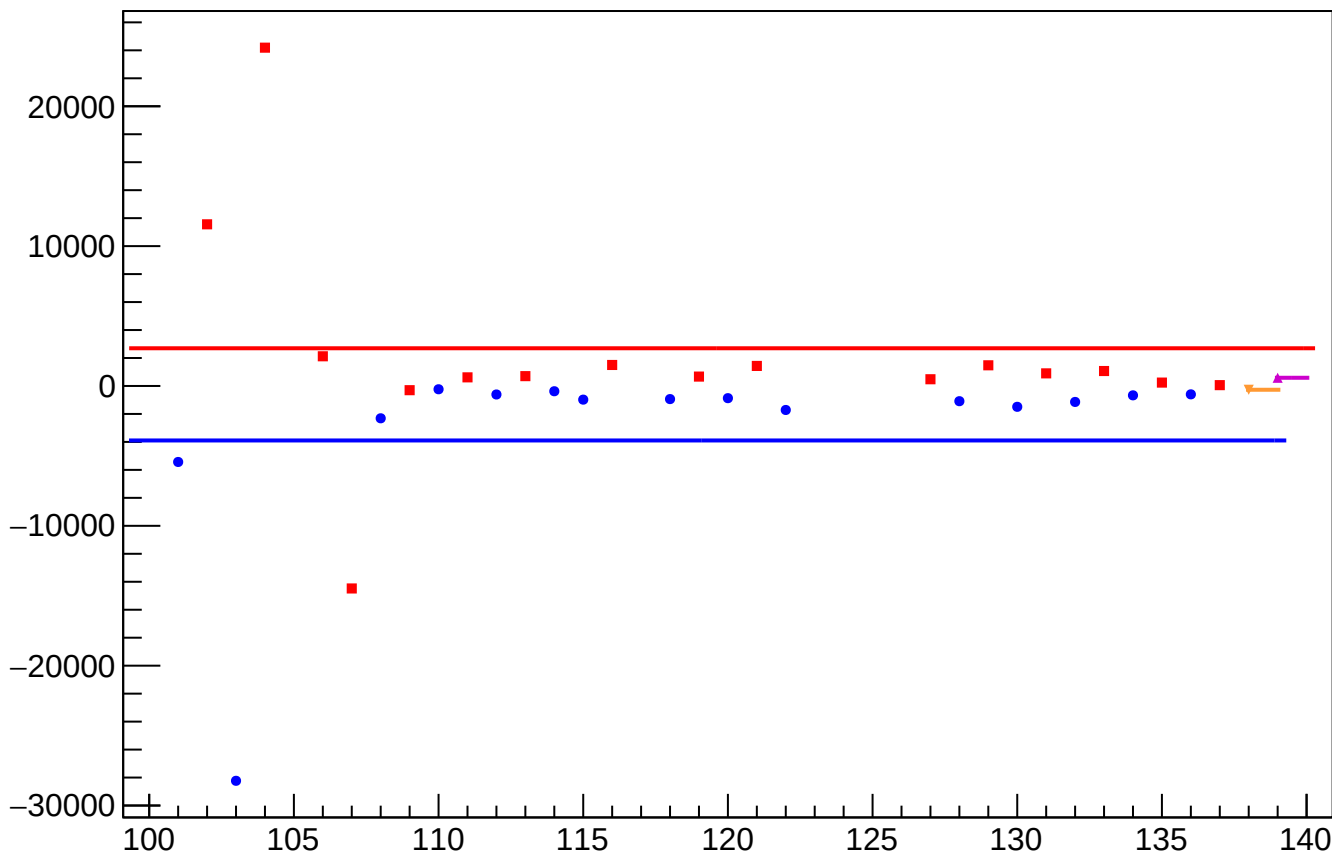
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

-1005.786+/-0.000 χ^2/NDF : 736057027889330

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

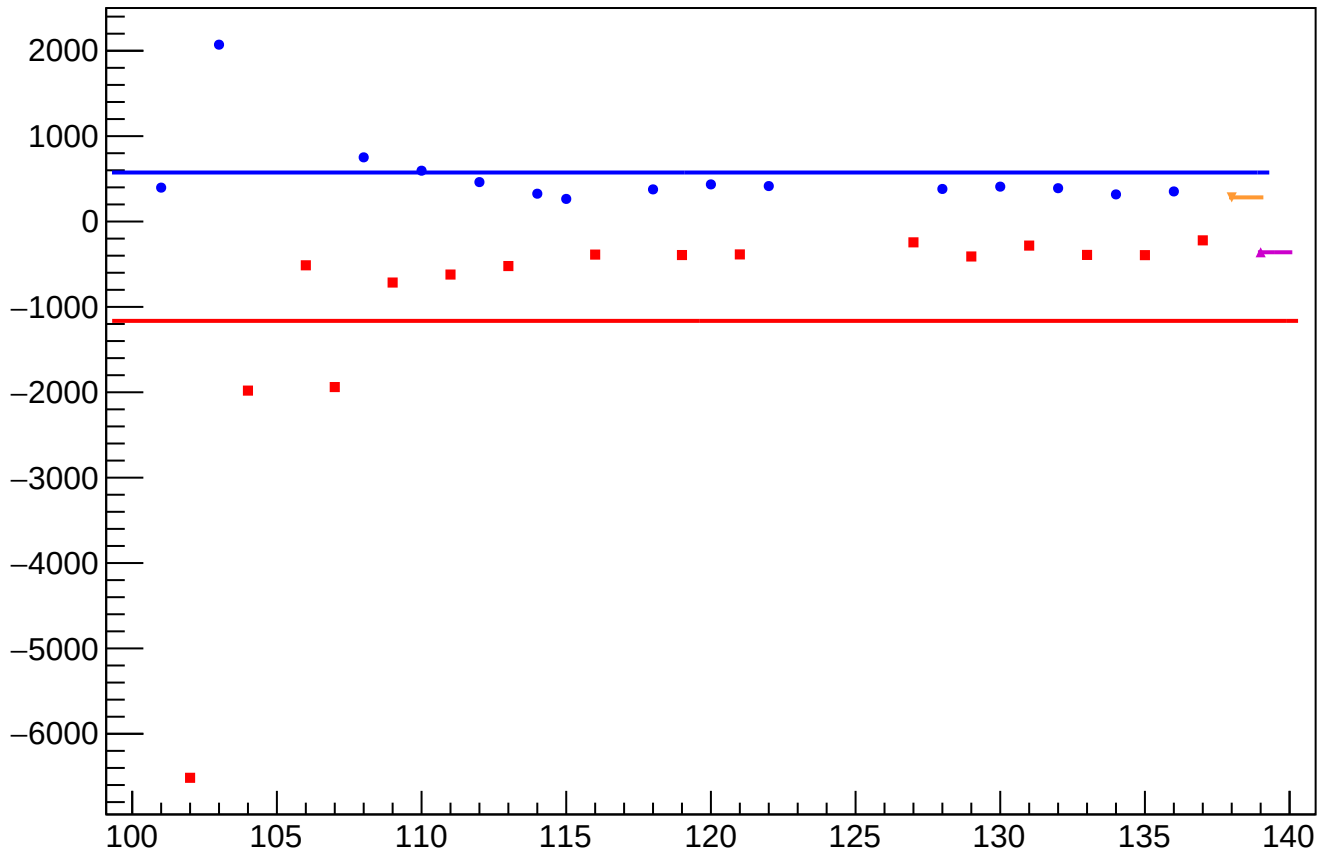
Left In: 586.418+/-0.000 χ^2/NDF : 0.0/0

-3507.550+/-0.000 χ^2/NDF : 405338108943815

-501.059+/-0.000 χ^2/NDF : 94803062355

2551.622+/-0.000 χ^2/NDF : 4102560441772180

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

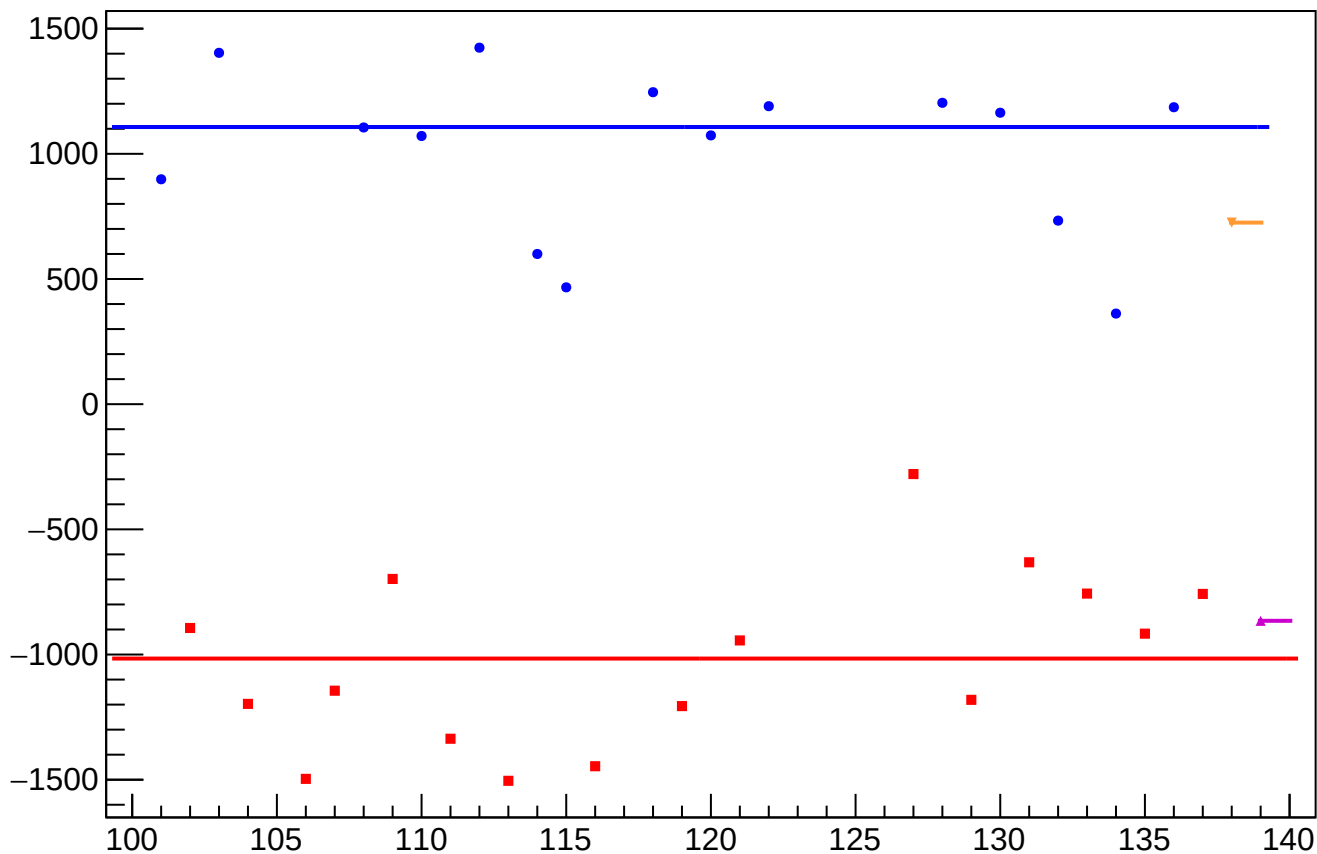
Left In: -360.138+/-0.000 χ^2/NDF : 0.0/0

542.799+/-0.000 χ^2/NDF : 15801504212308624

-276.658+/-0.000 χ^2/NDF : 317455877692

-1108.705+/-0.000 χ^2/NDF : 203266870474309

dit_atl1_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

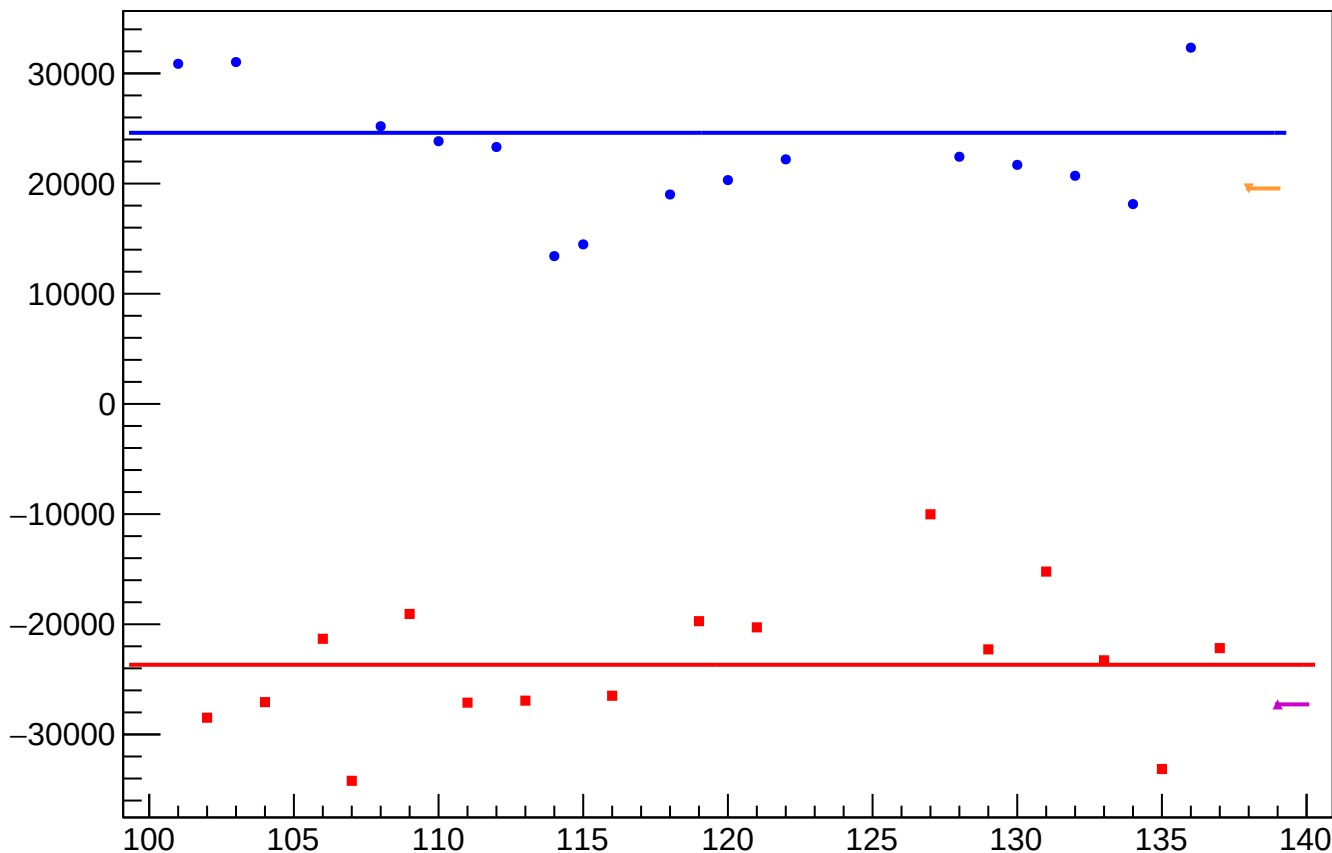
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

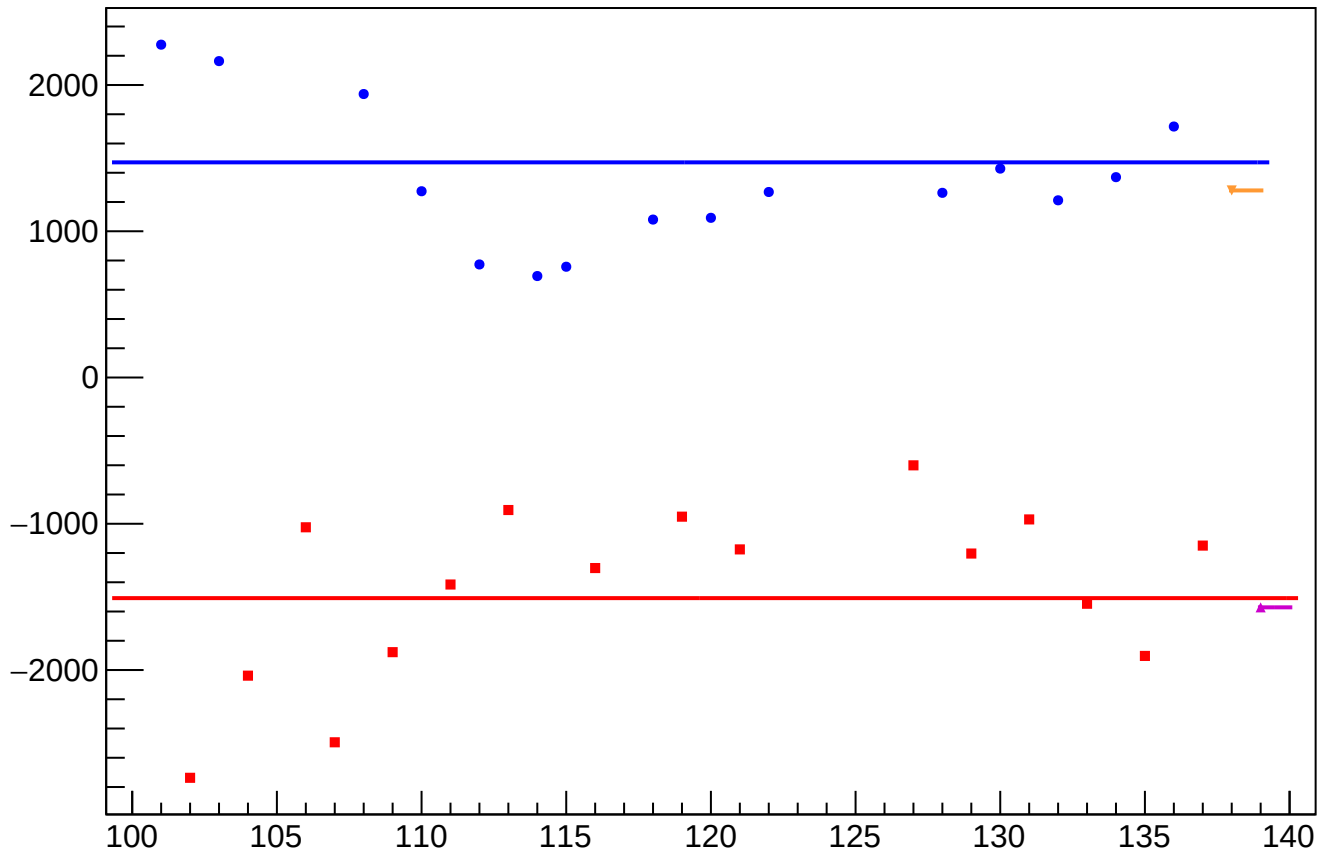
-1005.786+/-0.000 χ^2/NDF : 736057027889330

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: -27272.356+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 1279.138+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

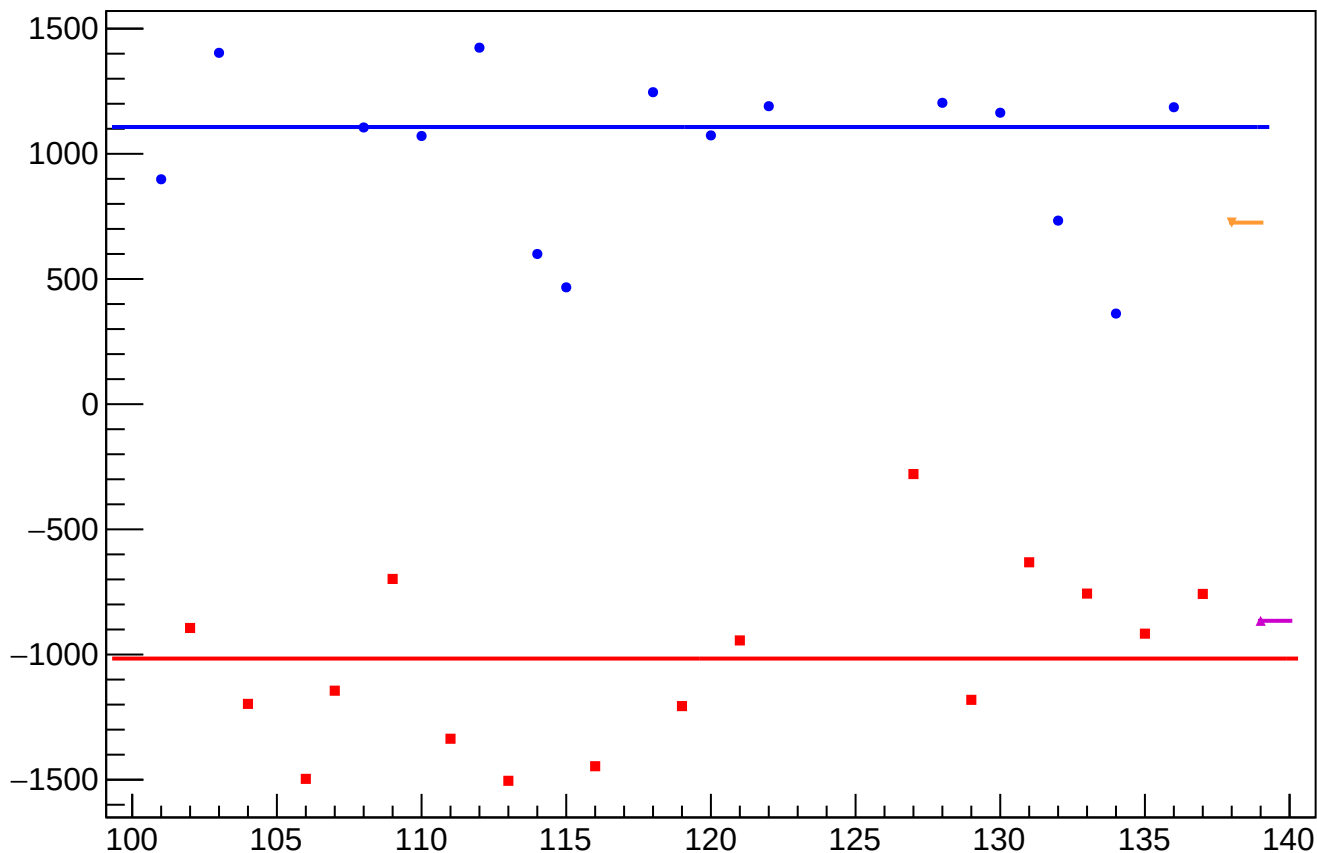
Left In: -1571.476+/-0.000 χ^2/NDF : 0.0/0

1450.500+/-0.000 χ^2/NDF : 1417406967252508

-19.838+/-0.000 χ^2/NDF : 355954331893

-1512.764+/-0.000 χ^2/NDF : 250266479549467

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

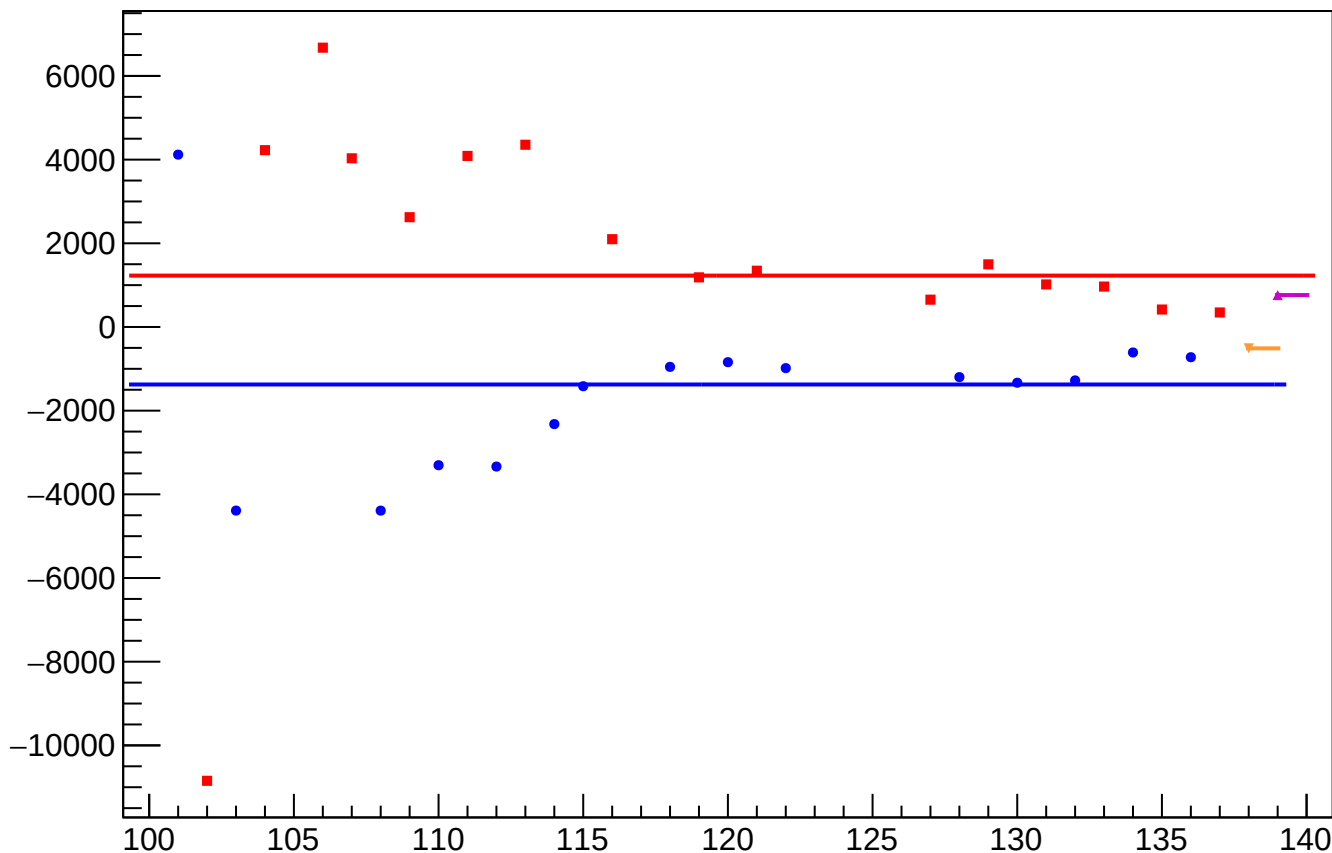
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

-1005.786+/-0.000 χ^2/NDF : 736057027889330

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

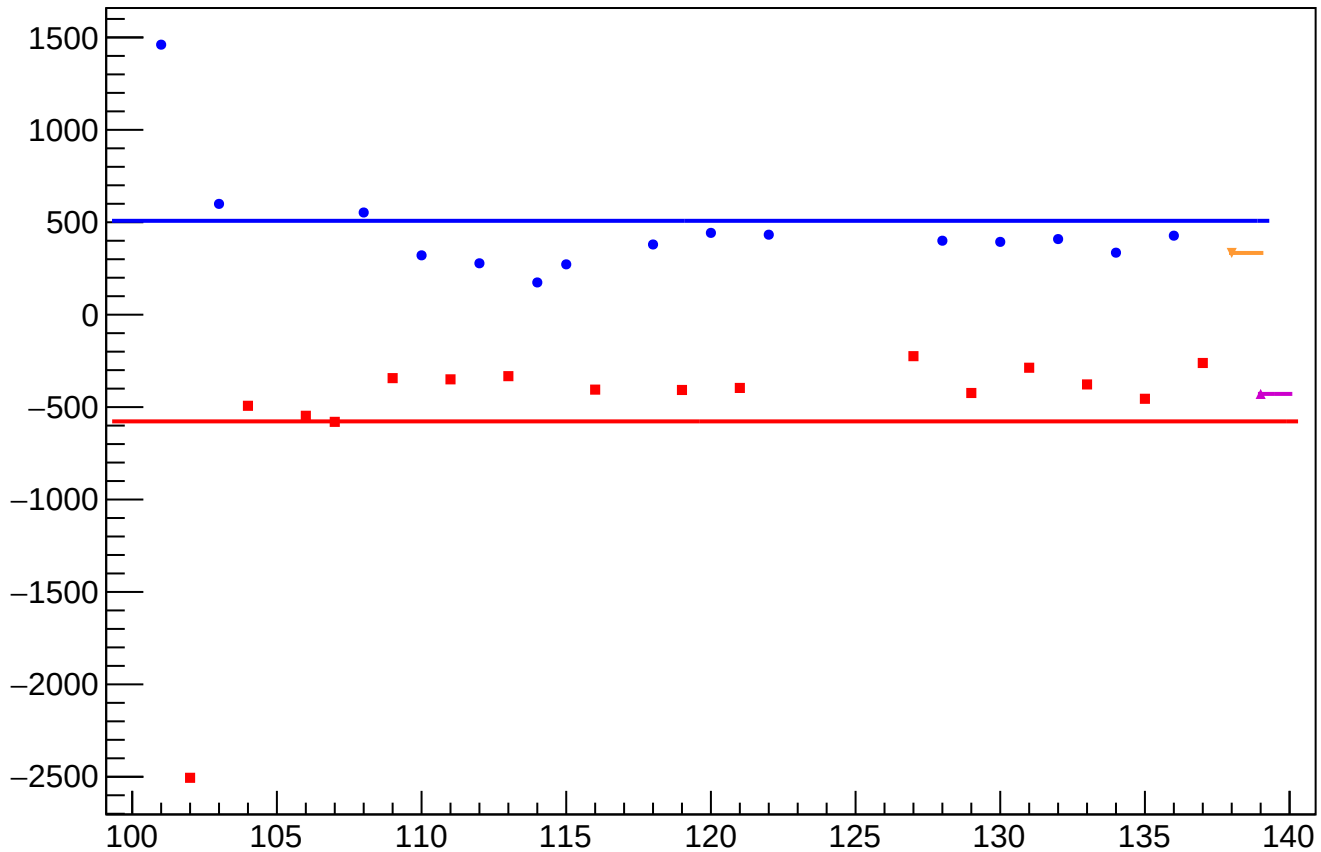
Left In: 762.813+/-0.000 χ^2/NDF : 0.0/0

-1281.860+/-0.000 χ^2/NDF : 312470025572894

-52.349+/-0.000 χ^2/NDF : 164647800840

1196.052+/-0.000 χ^2/NDF : 1112518575049831

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

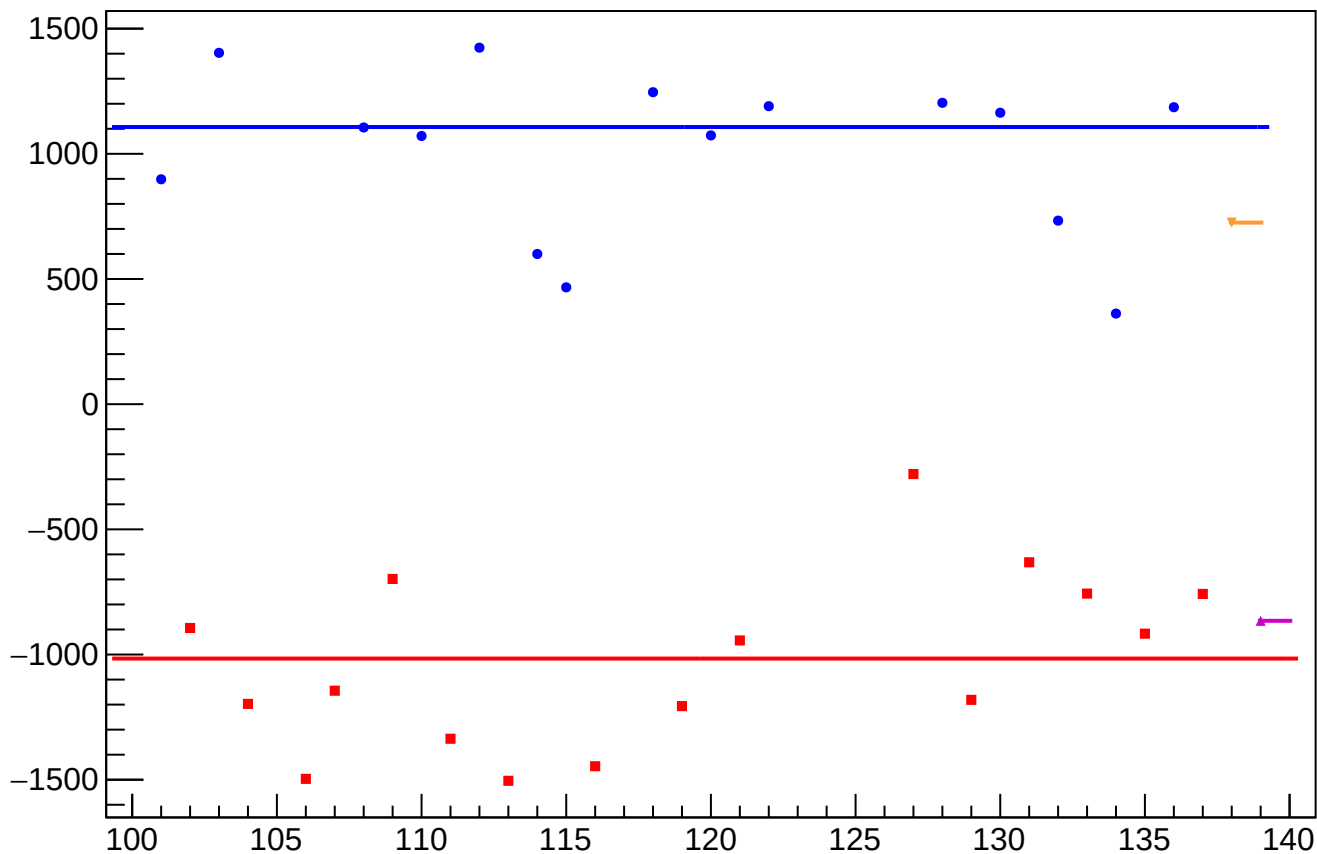
Left In: -428.646+/-0.000 χ^2/NDF : 0.0/0

489.159+/-0.000 χ^2/NDF : 66243930055250238

-34.935+/-0.000 χ^2/NDF : 7109852528290

-567.081+/-0.000 χ^2/NDF : 2422968013851481

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

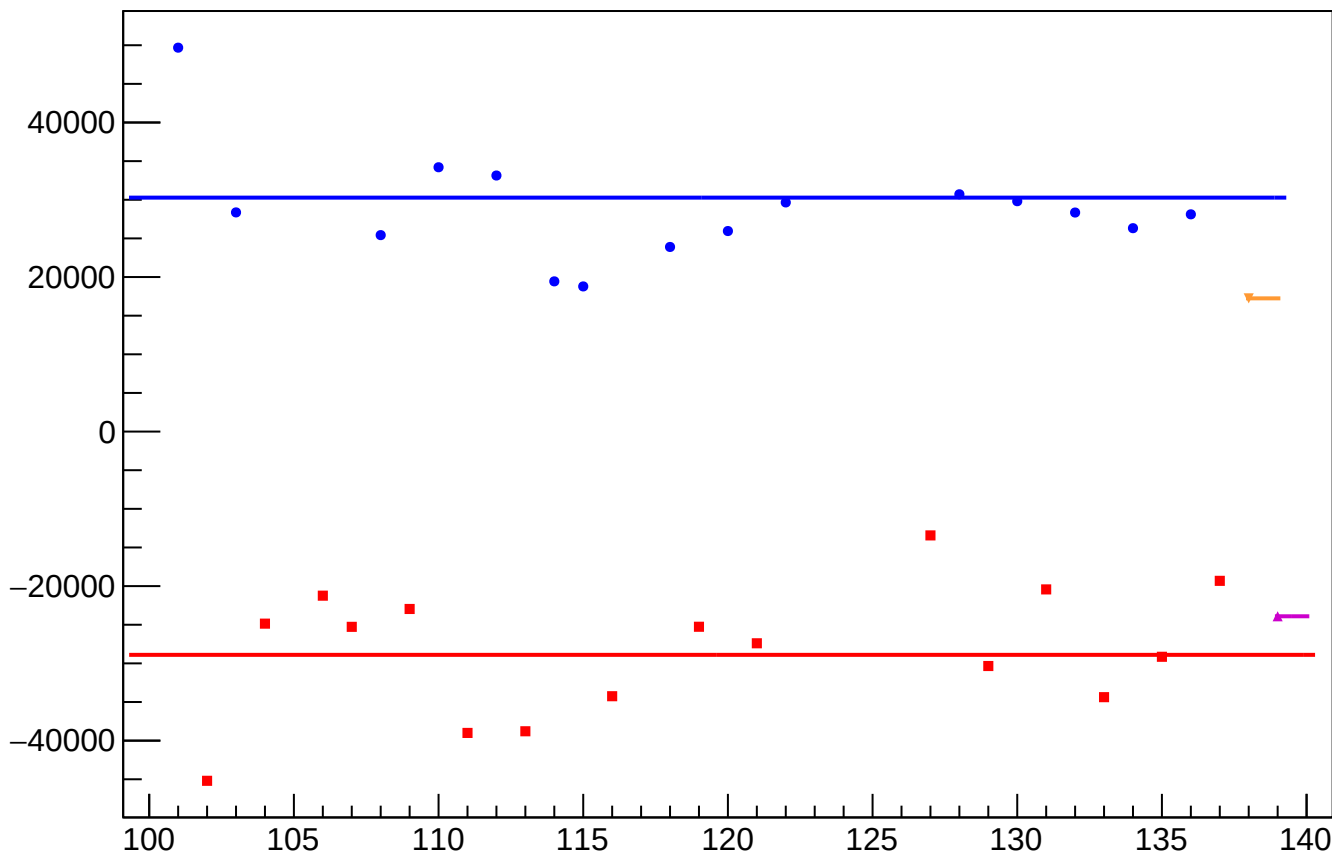
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

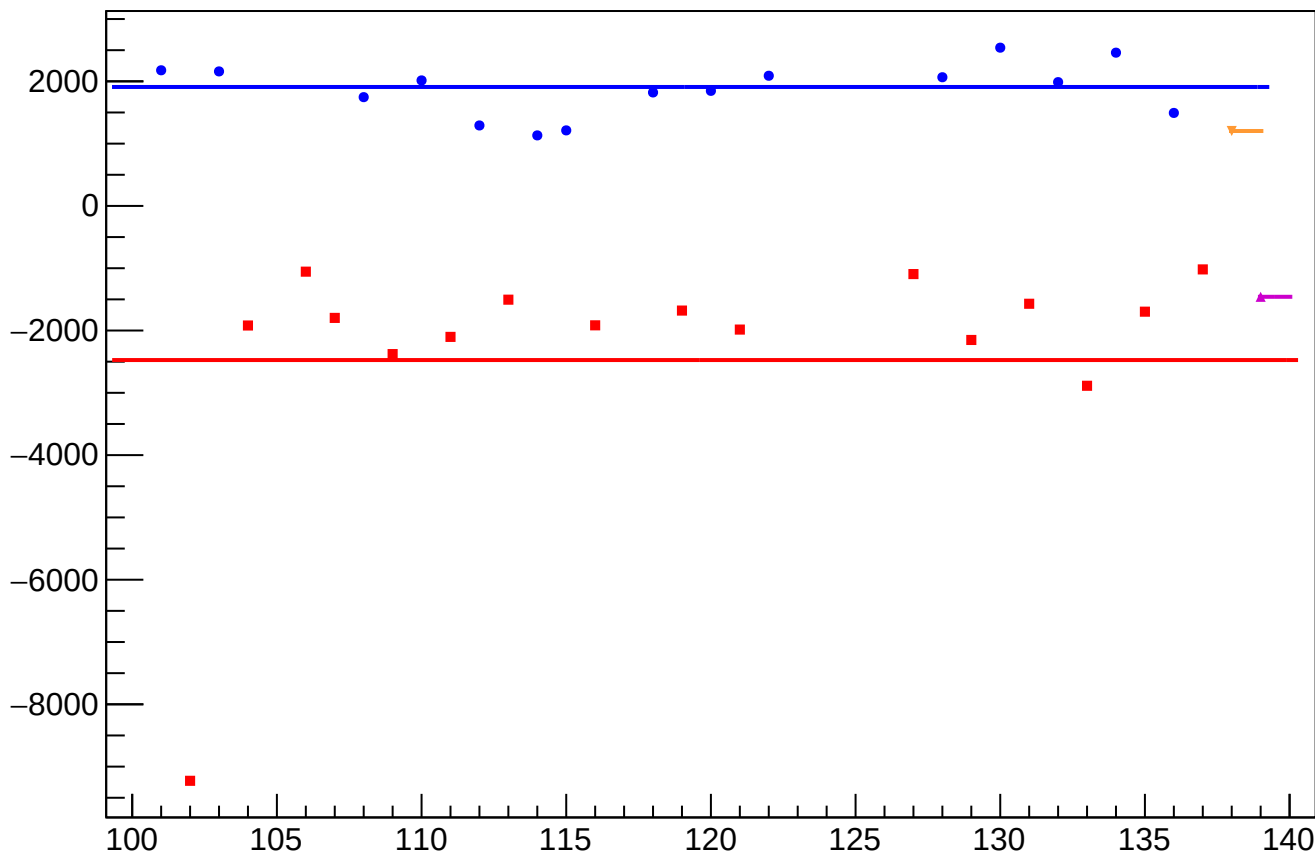
-1005.786+/-0.000 χ^2/NDF : 736057027889330

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: -23904.877+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14

Left Out: 1202.839+/-0.000 χ^2/NDF : 4032505.5/0

Right Out: -2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15

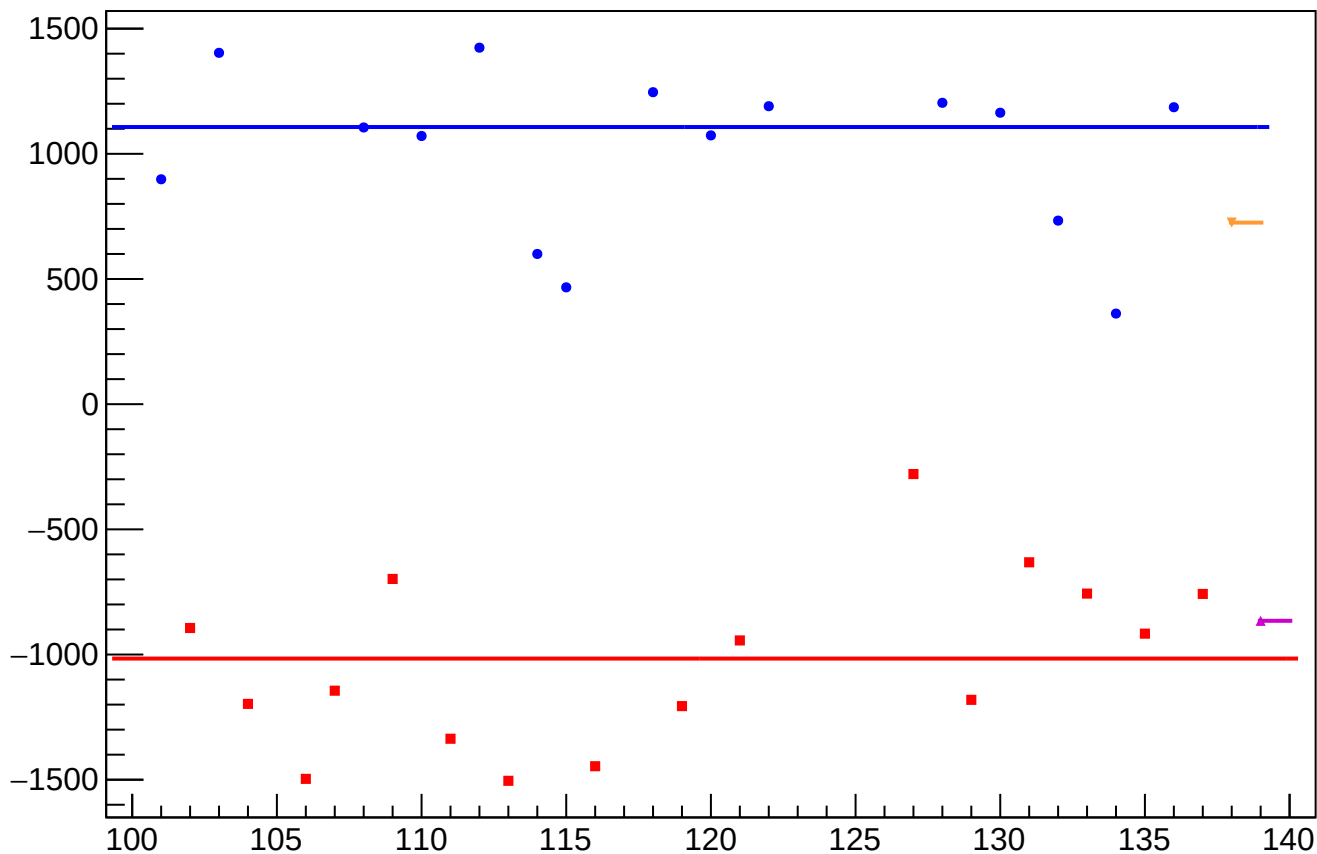
Left In: -1458.584+/-0.000 χ^2/NDF : 0.0/0

1833.623+/-0.000 χ^2/NDF : 1224022736958658

-269.279+/-0.000 χ^2/NDF : 968263903423

-2404.488+/-0.000 χ^2/NDF : 308097081188122

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

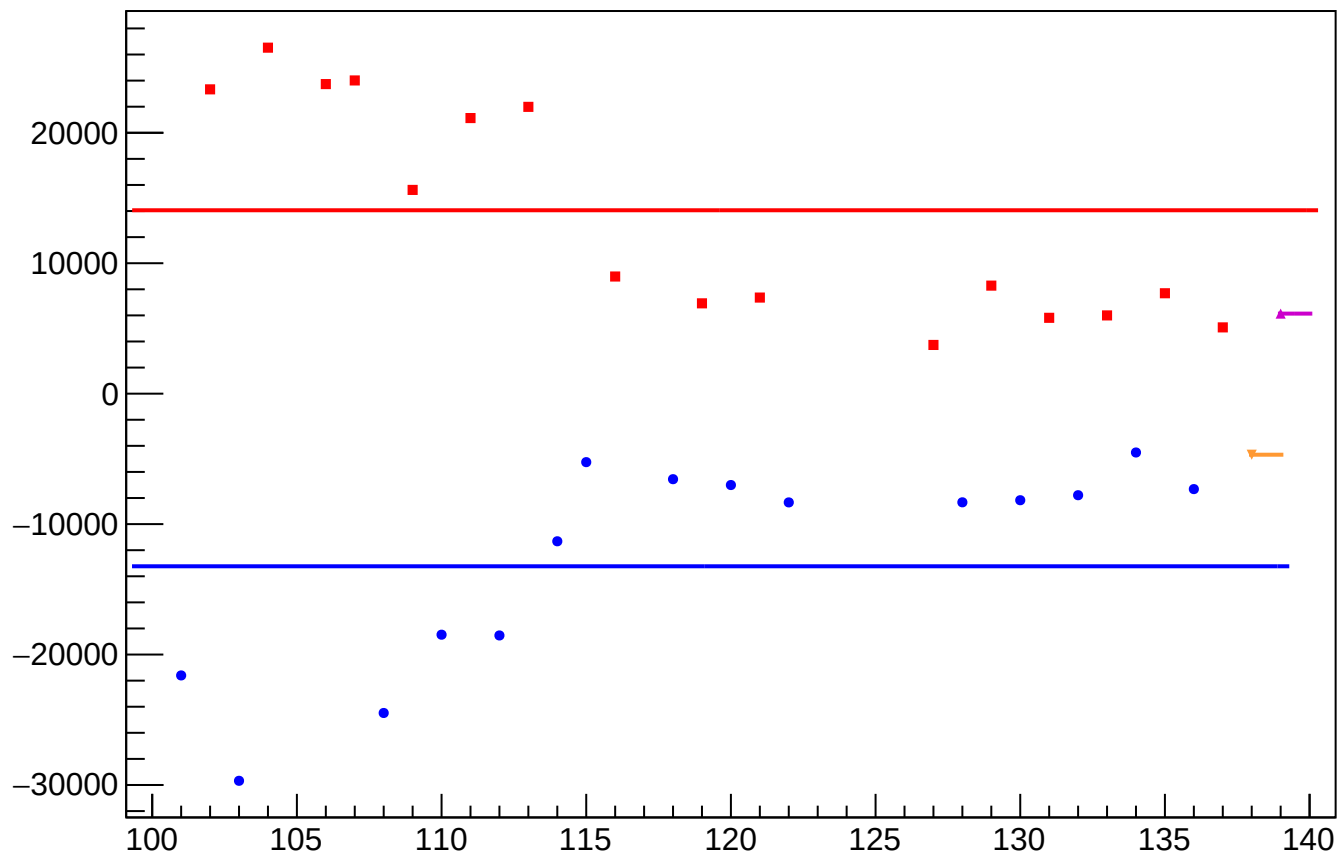
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

-1005.786+/-0.000 χ^2/NDF : 736057027889330

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

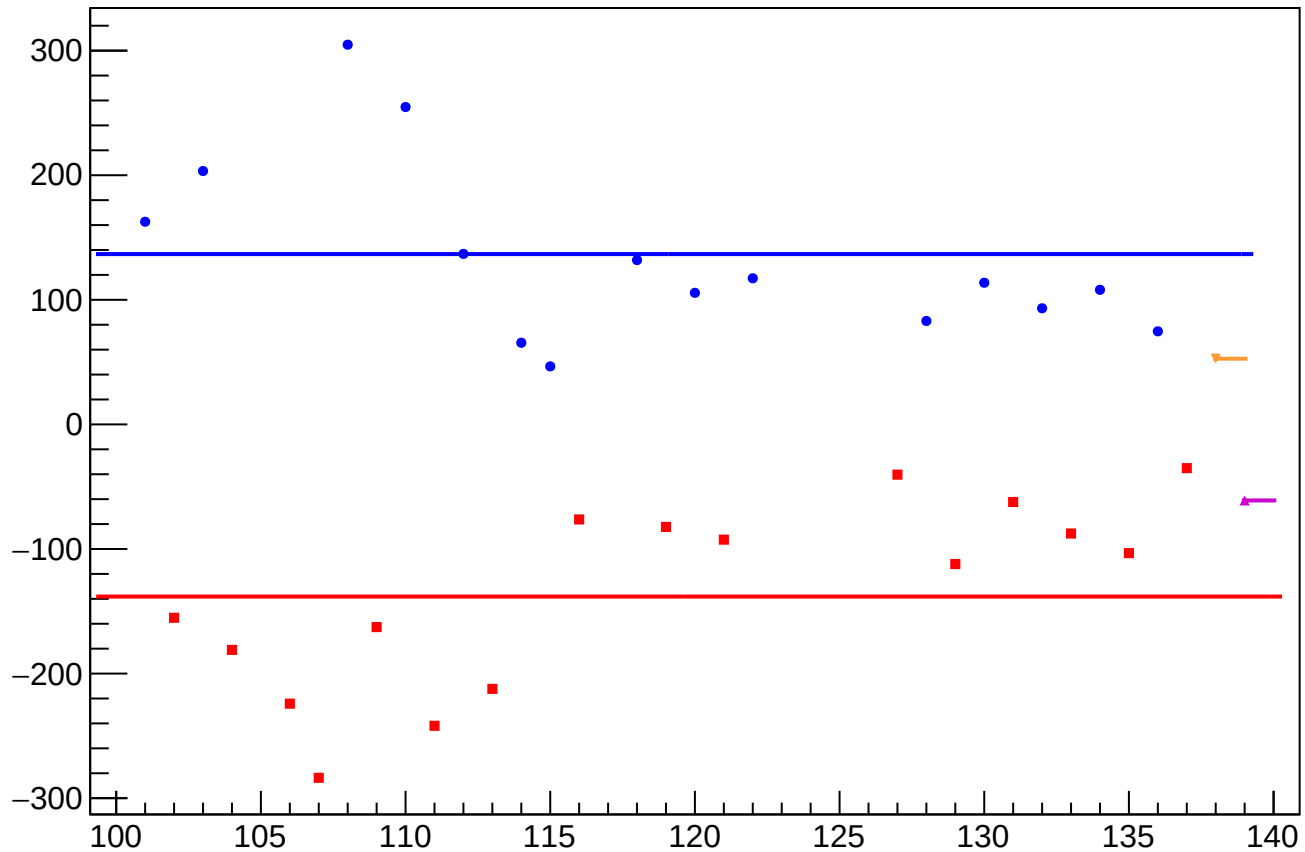
Left In: 6137.047+/-0.000 χ^2/NDF : 0.0/0

-12315.647+/-0.000 χ^2/NDF : 46351583397453

502.654+/-0.000 χ^2/NDF : 334447825864

13517.883+/-0.000 χ^2/NDF : 473560551594598

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

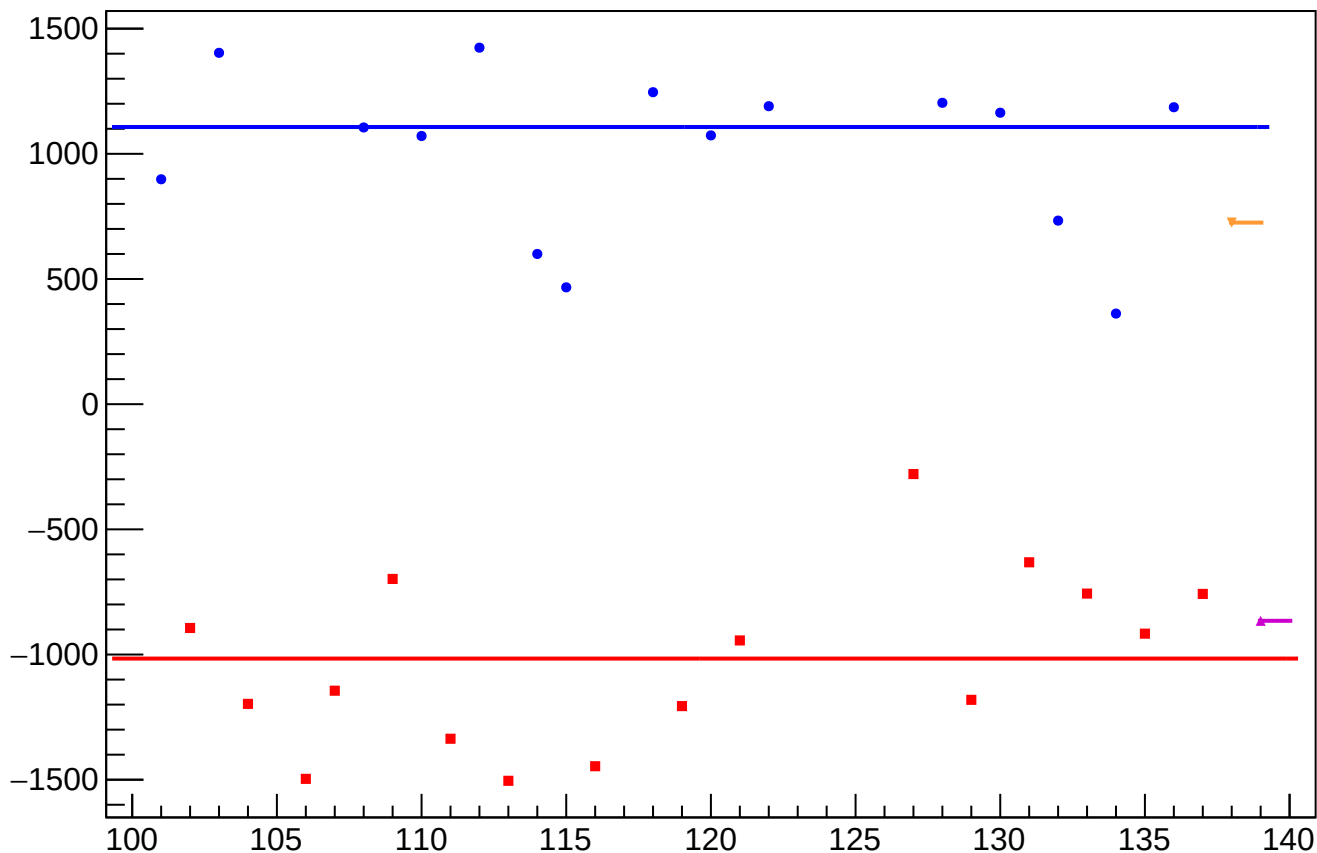
Left In: -61.038+/-0.000 χ^2/NDF : 0.0/0

127.703+/-0.000 χ^2/NDF : 31778484781978894

-1.605+/-0.000 χ^2/NDF : 31178934789616

-132.900+/-0.000 χ^2/NDF : 3502513188098535

dit_sam1_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

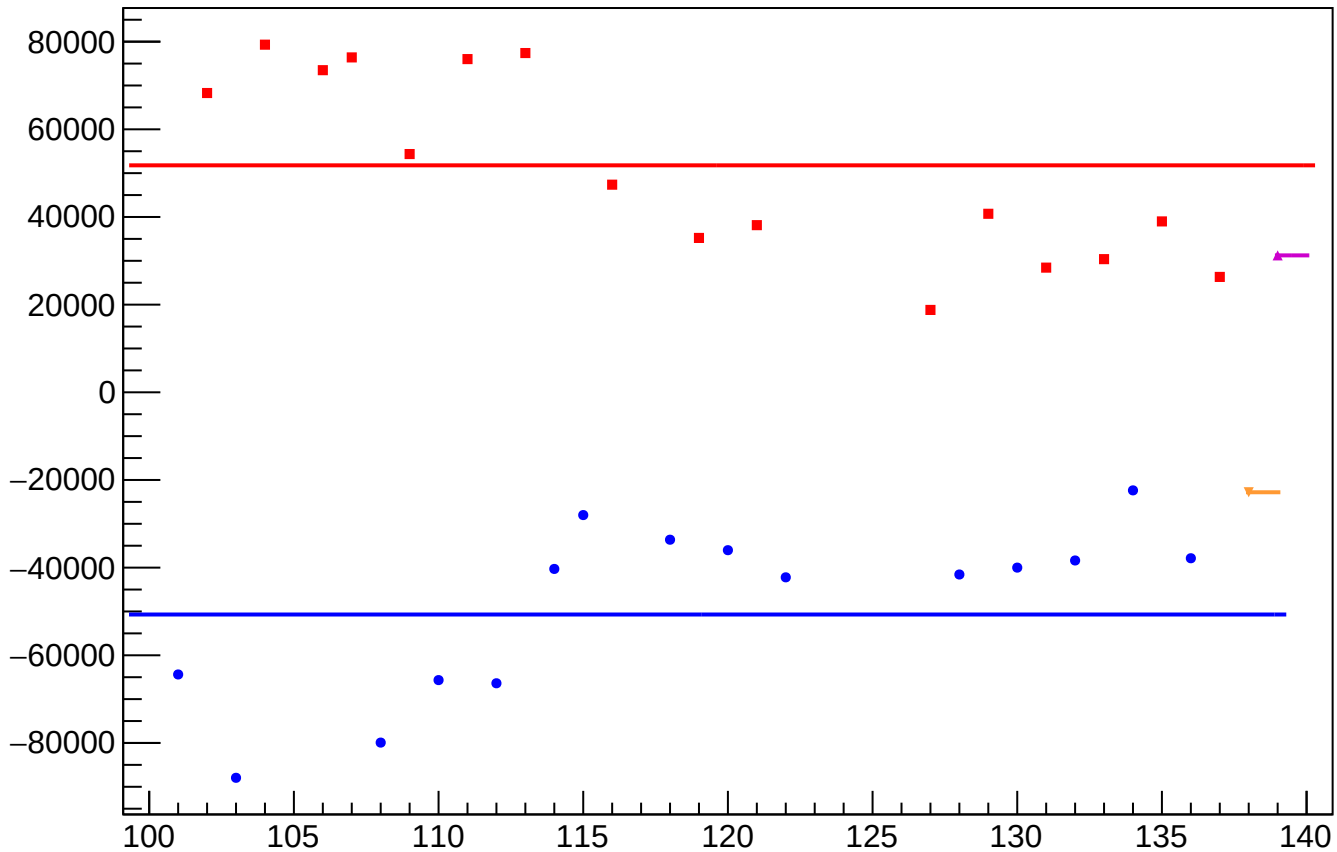
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

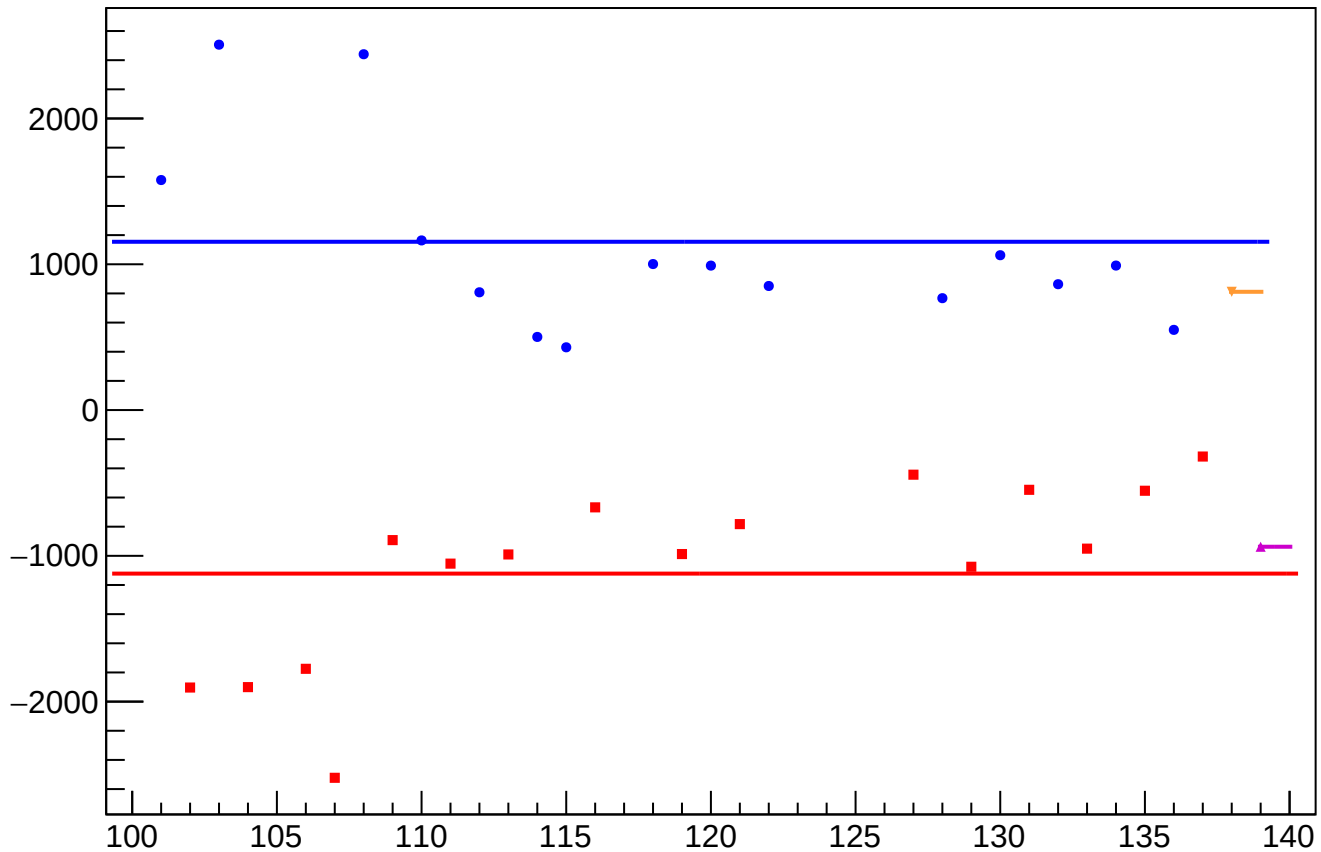
-1005.786+/-0.000 χ^2/NDF : 736057027889330

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -22803.952+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: 31239.470+/-0.000 χ^2/NDF : 0.0/0

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

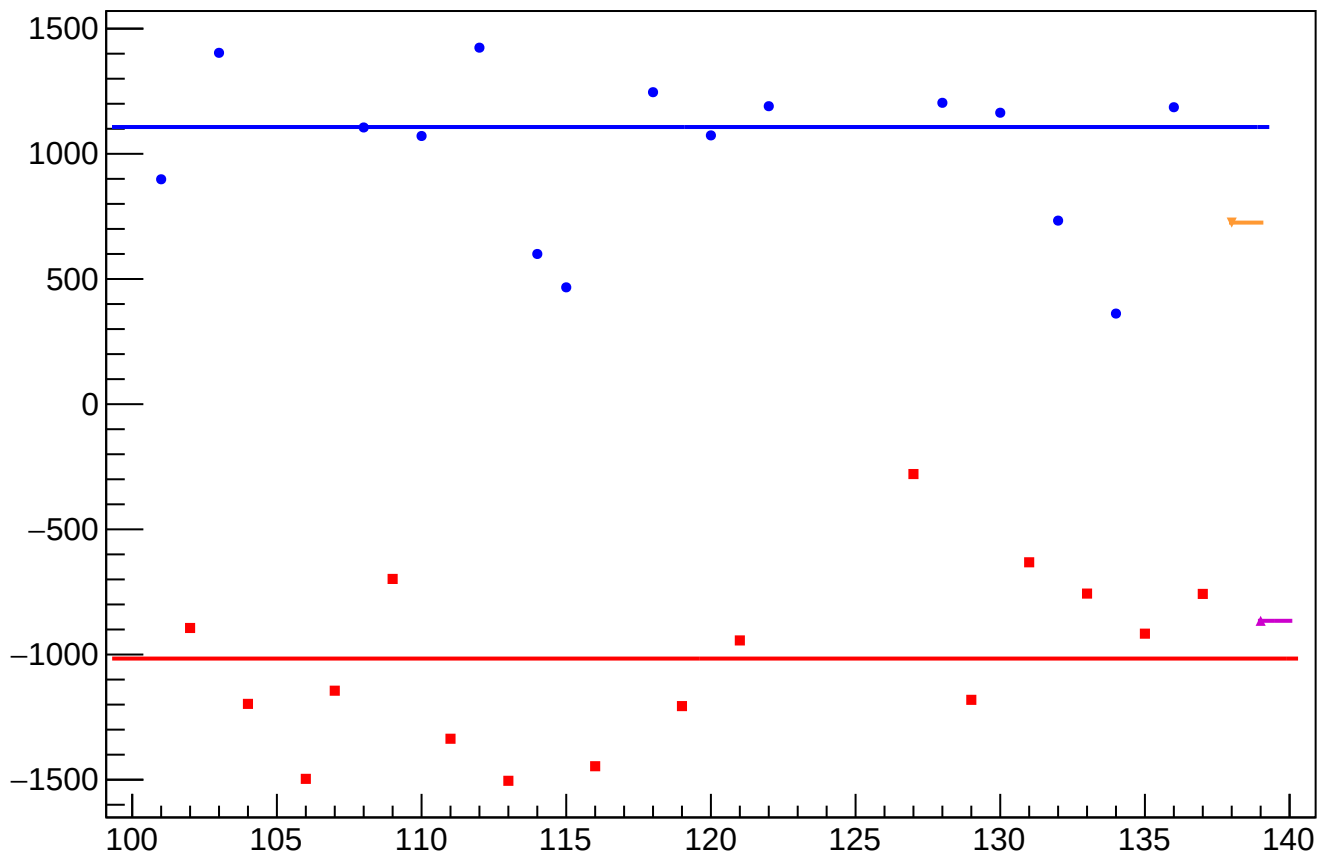
Left In: -937.641+/-0.000 χ^2/NDF : 0.0/0

1117.512+/-0.000 χ^2/NDF : 2574706185249050

12.583+/-0.000 χ^2/NDF : 2273959735213

-1109.322+/-0.000 χ^2/NDF : 227709676628662

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

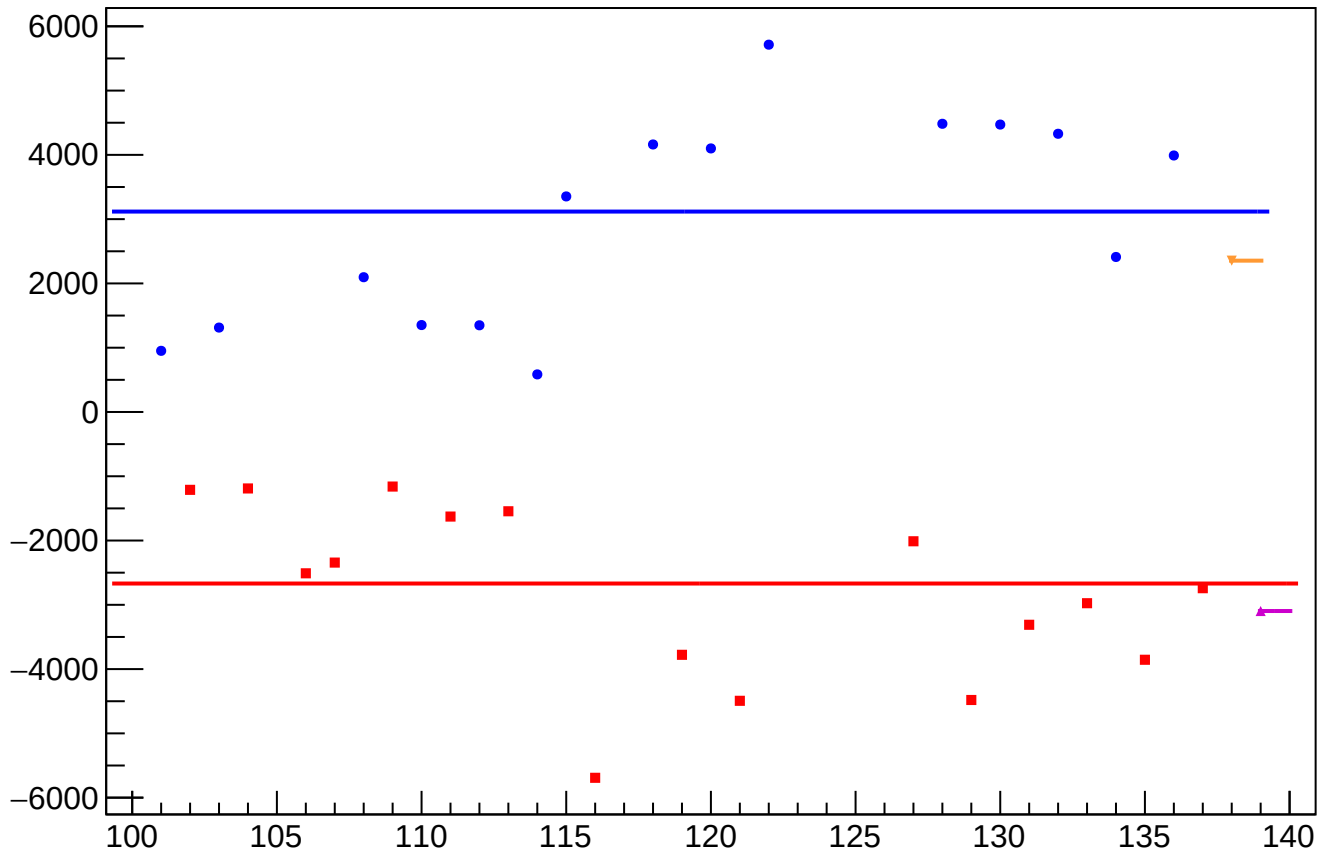
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

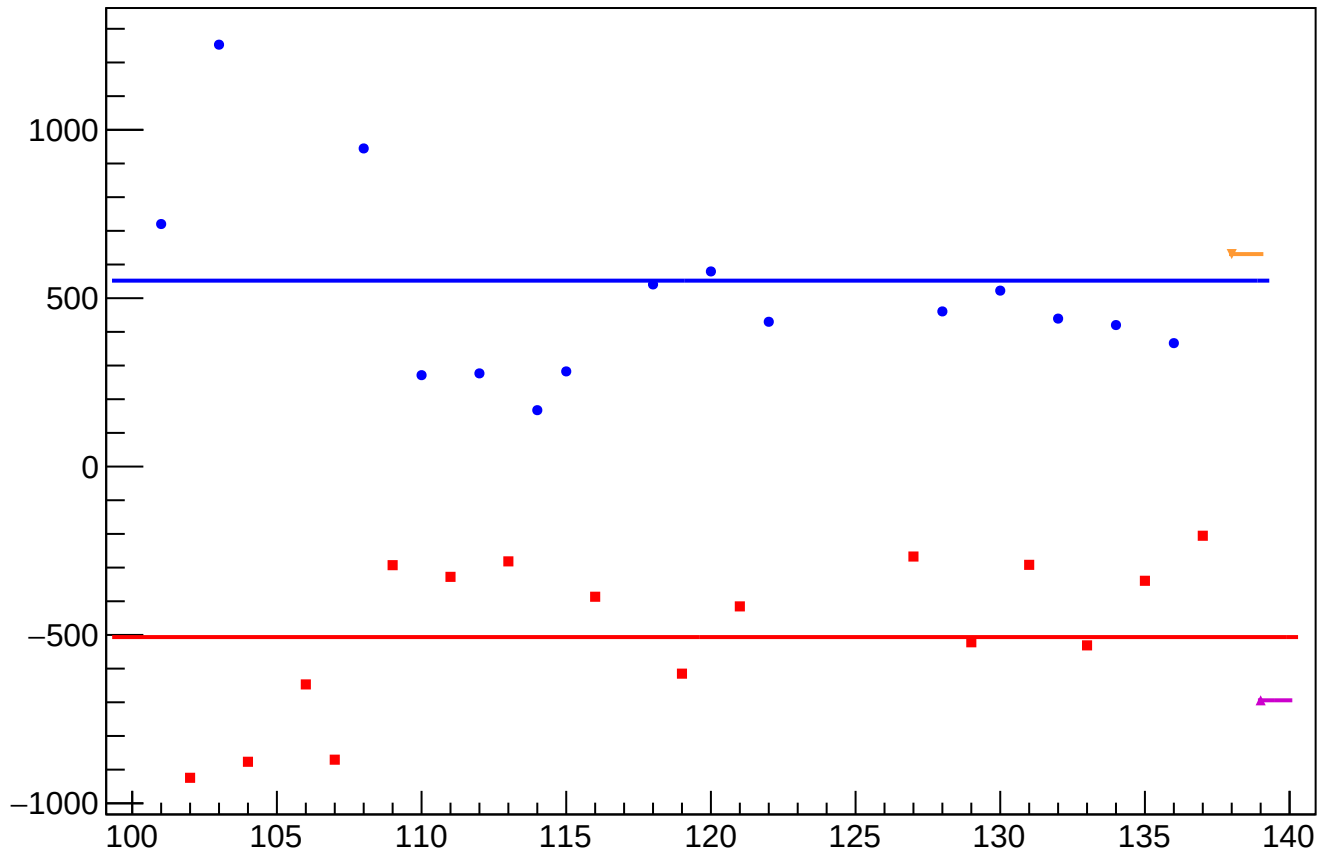
-1005.786+/-0.000 χ^2/NDF : 736057027889330

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: -3096.439 +/- 0.000 χ^2/NDF : 10132962.5/0

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

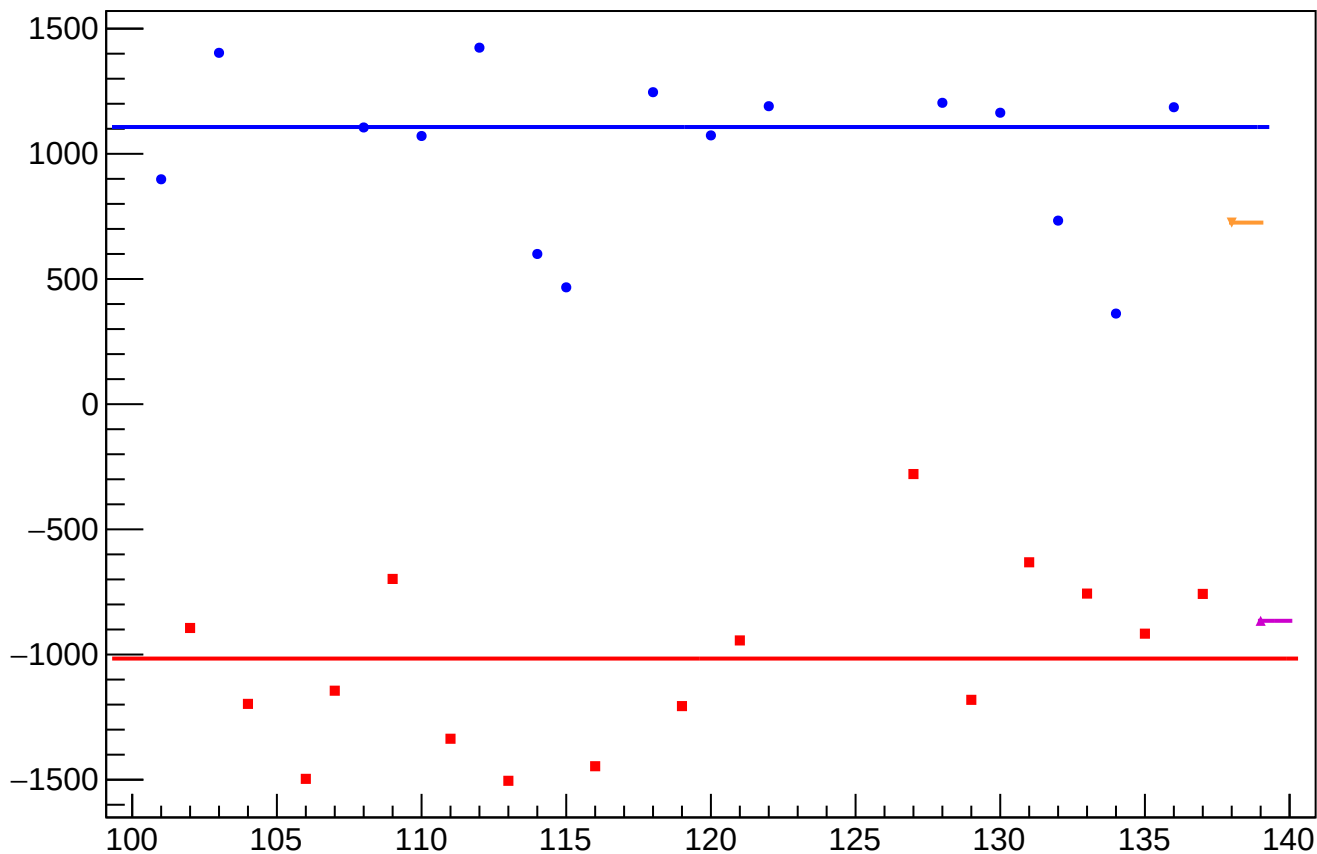
Left In: -694.099+/-0.000 χ^2/NDF : 633310.2/0

560.572+/-0.000 χ^2/NDF : 51172322863103624

24.804+/-0.000 χ^2/NDF : 5105350473658

-519.194+/-0.000 χ^2/NDF : 3879076785400268

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

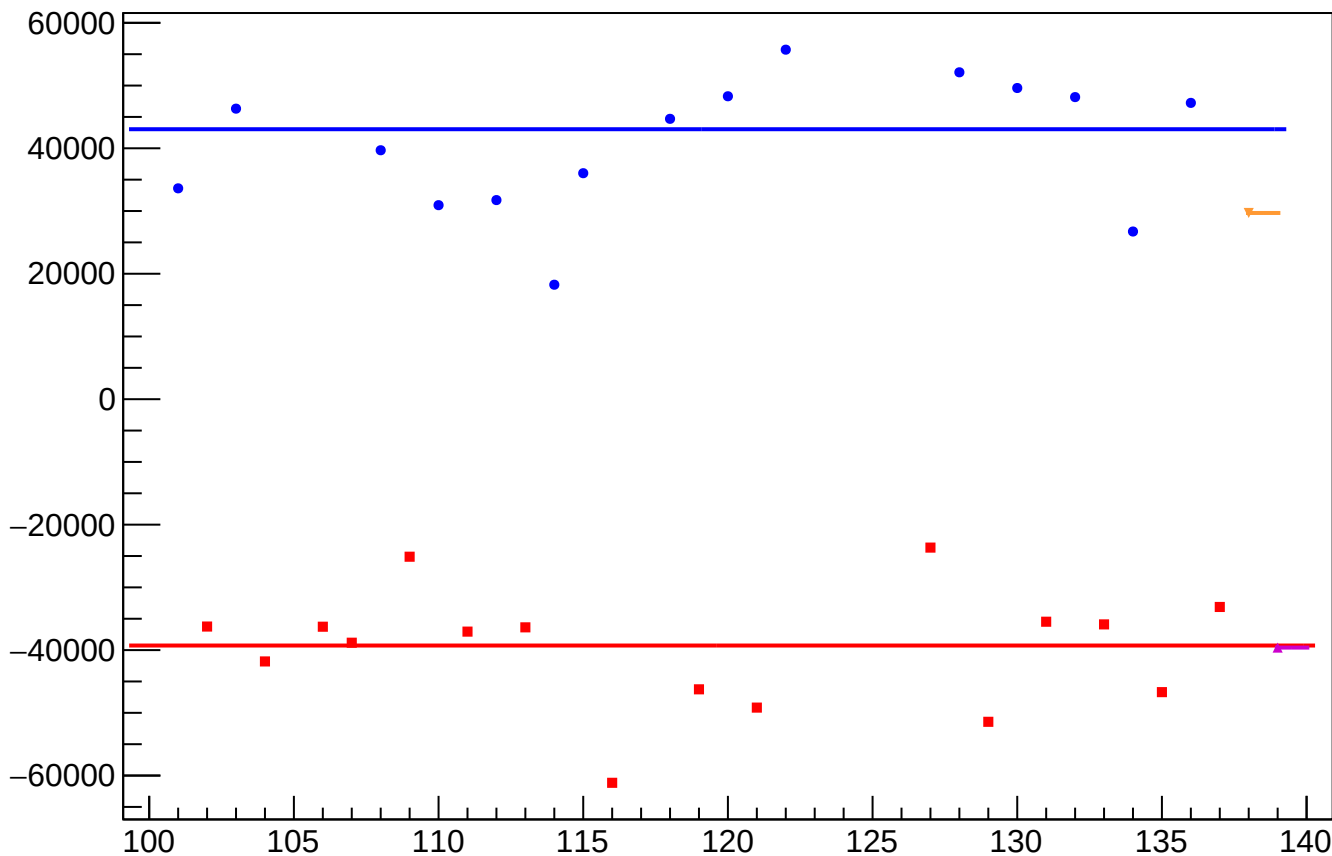
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

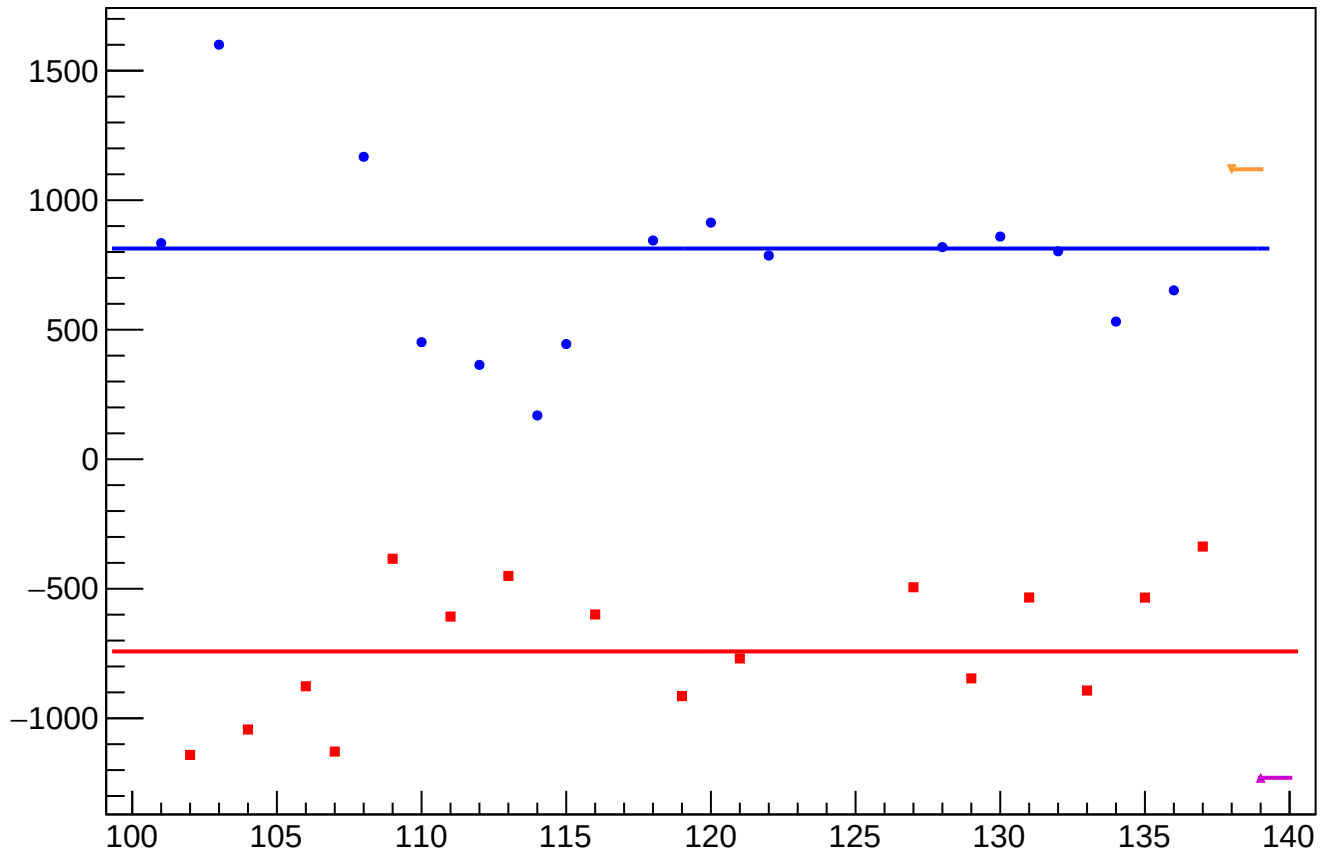
-1005.786+/-0.000 χ^2/NDF : 736057027889330

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 29688.937+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -39269.627+/-0.000 χ^2/NDF : 51873036517757666237545716605051585167360.0/15
 Left In: -39597.650+/-0.000 χ^2/NDF : 0.0/0

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

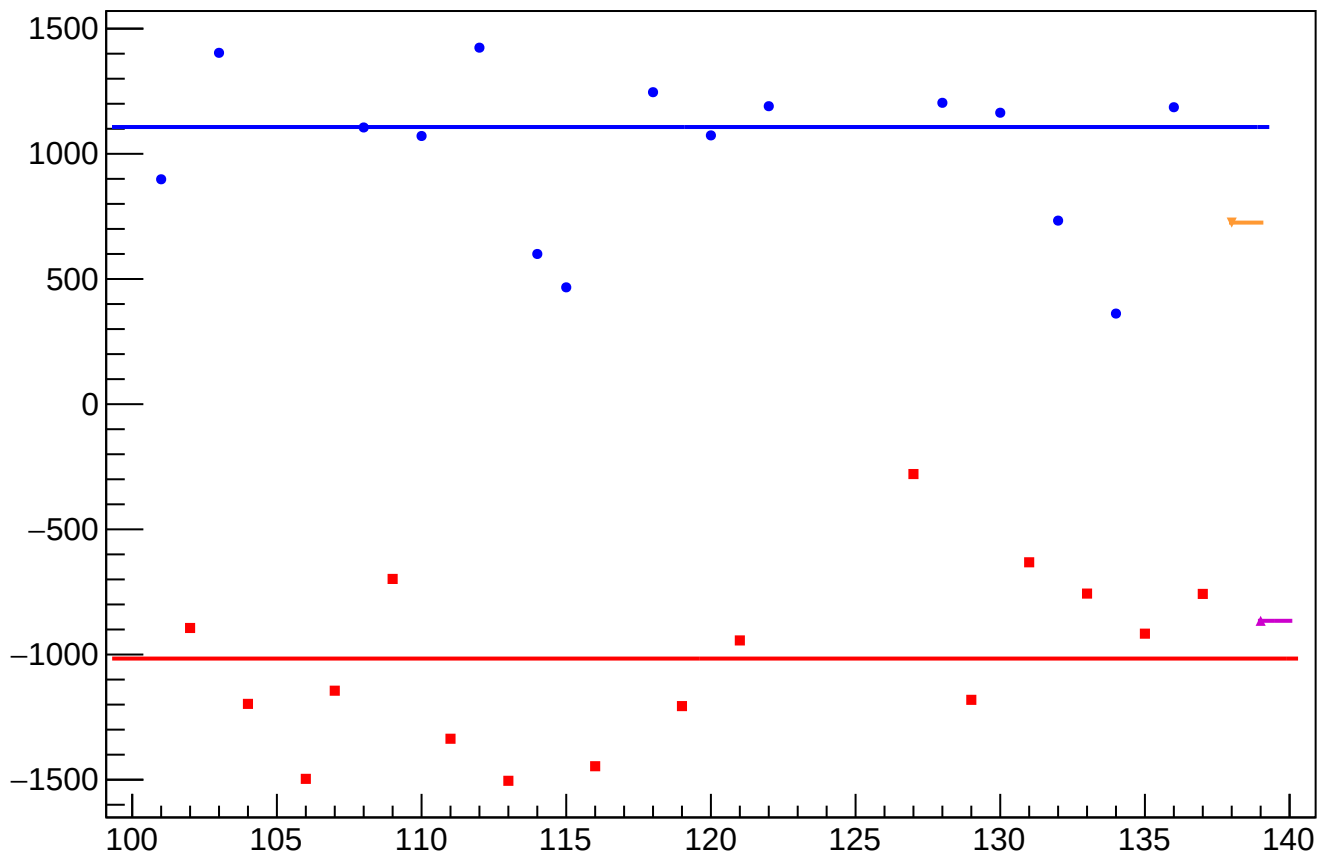
Left In: -1229.761+/-0.000 χ^2/NDF : 0.0/0

846.321+/-0.000 χ^2/NDF : 73636991637545225

41.693+/-0.000 χ^2/NDF : 1077164976646

-775.297+/-0.000 χ^2/NDF : 5493794636217720

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

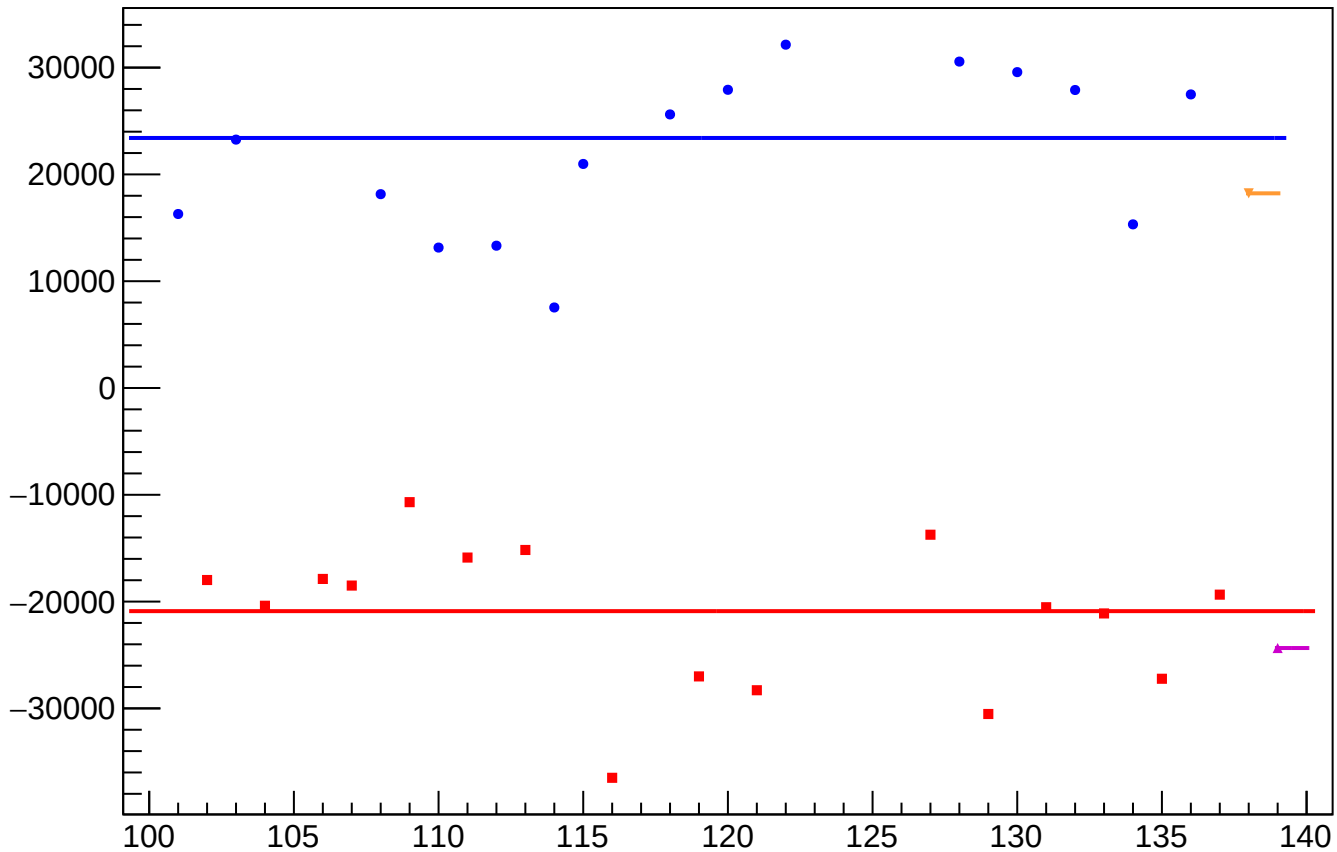
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

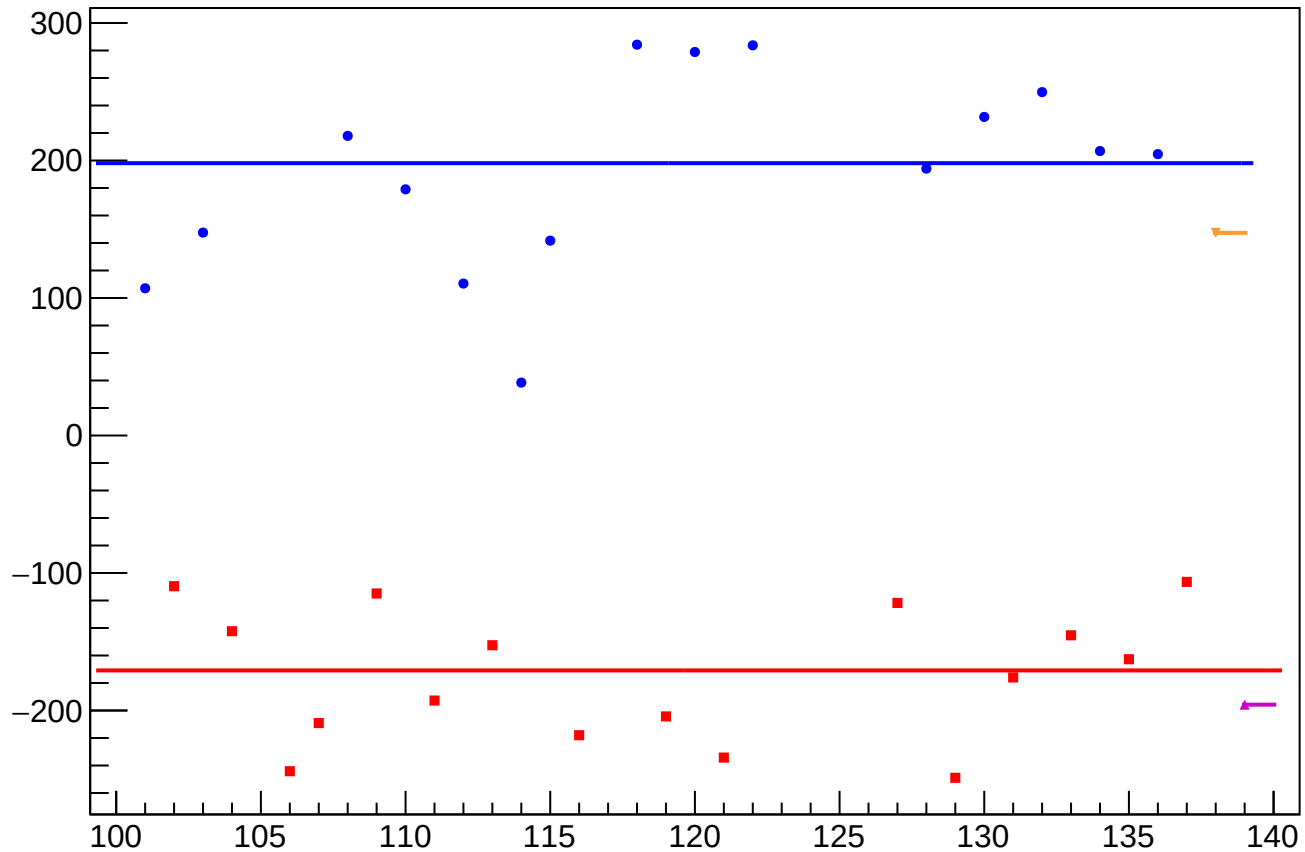
-1005.786+/-0.000 χ^2/NDF : 736057027889330

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506+/-0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 18227.445+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -20894.122+/-0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: -24347.645+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 147.397+/-0.000 χ^2/NDF : 0.0/0

Right Out: -170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

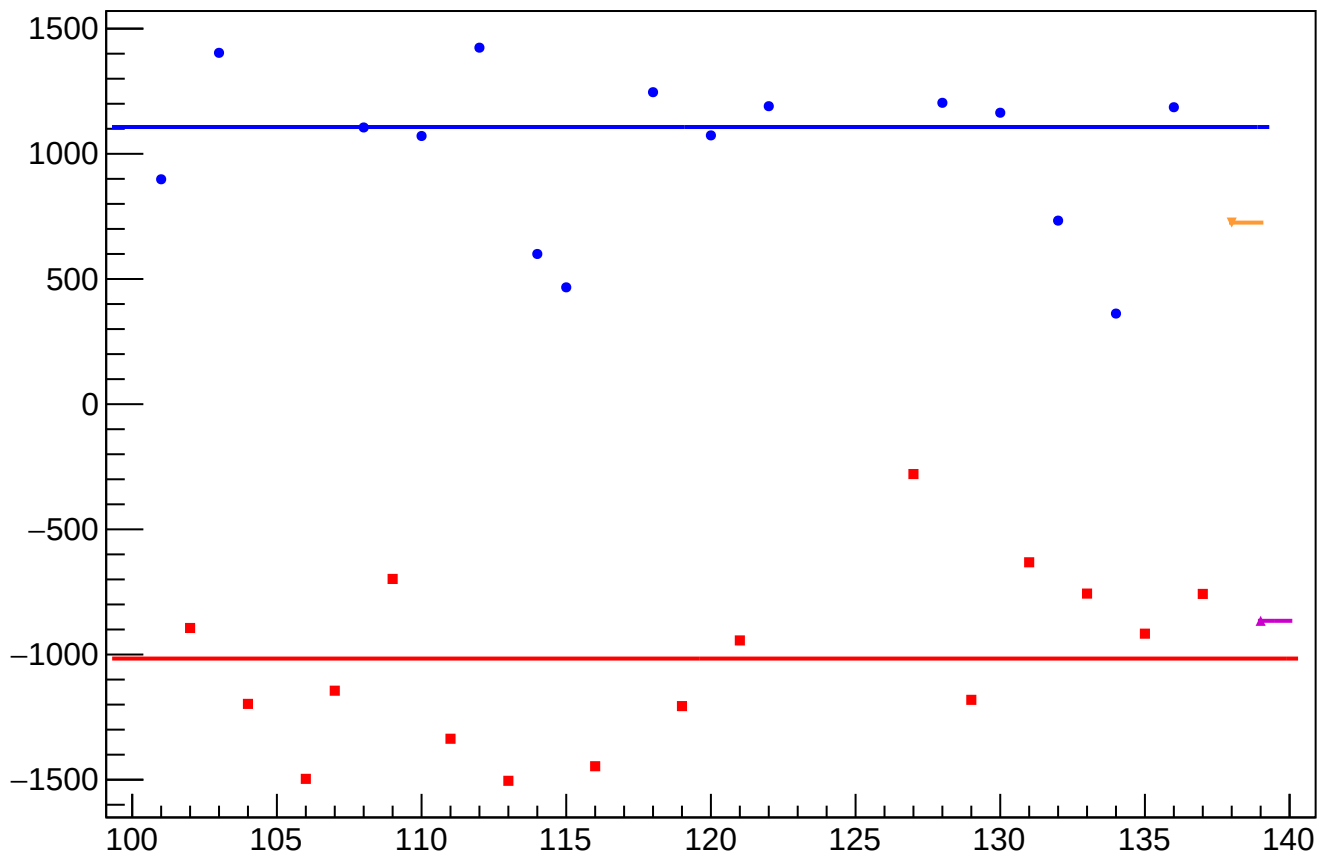
Left In: -195.744+/-0.000 χ^2/NDF : 0.0/0

192.620+/-0.000 χ^2/NDF : 26616239094490171

11.425+/-0.000 χ^2/NDF : 5221255913162

-172.555+/-0.000 χ^2/NDF : 1446598439874520

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

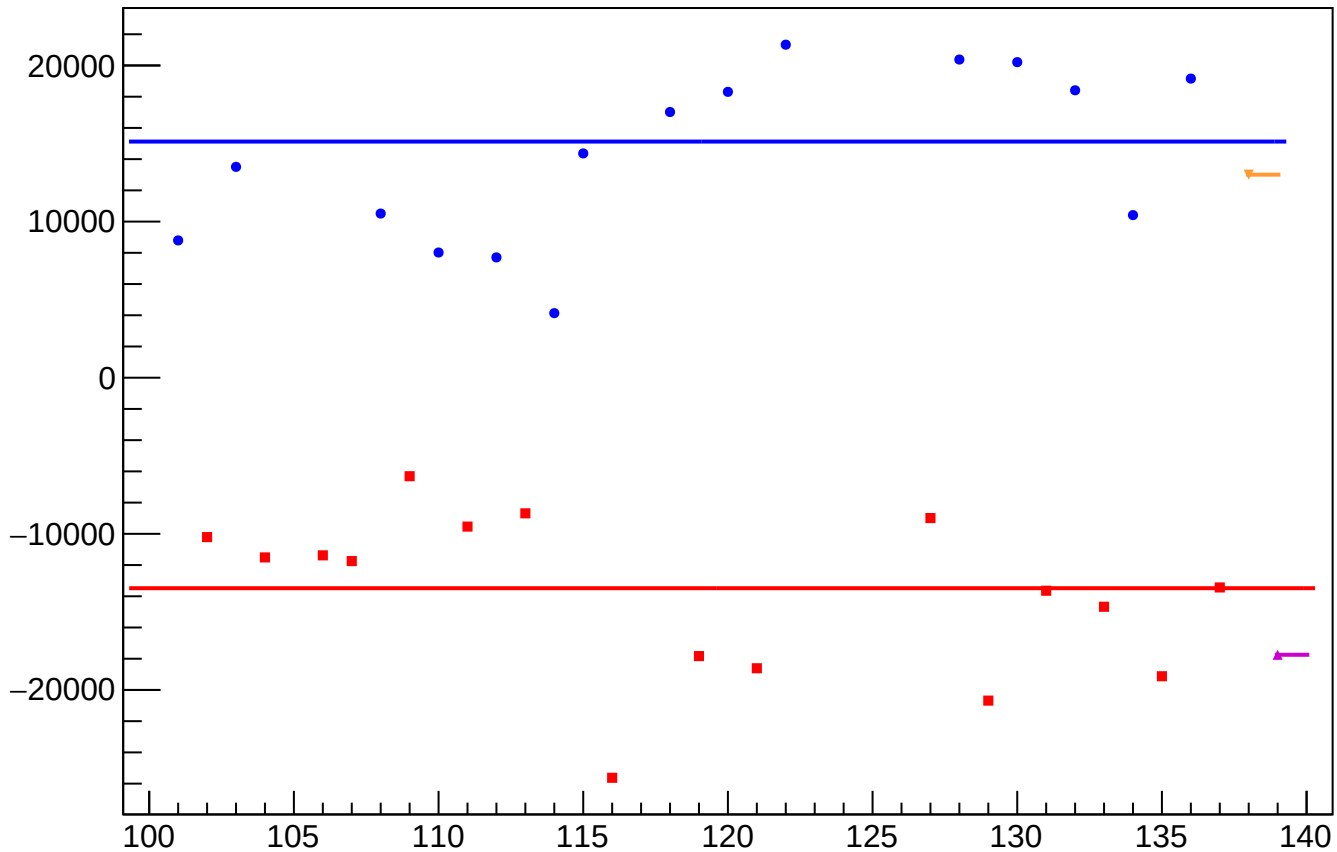
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

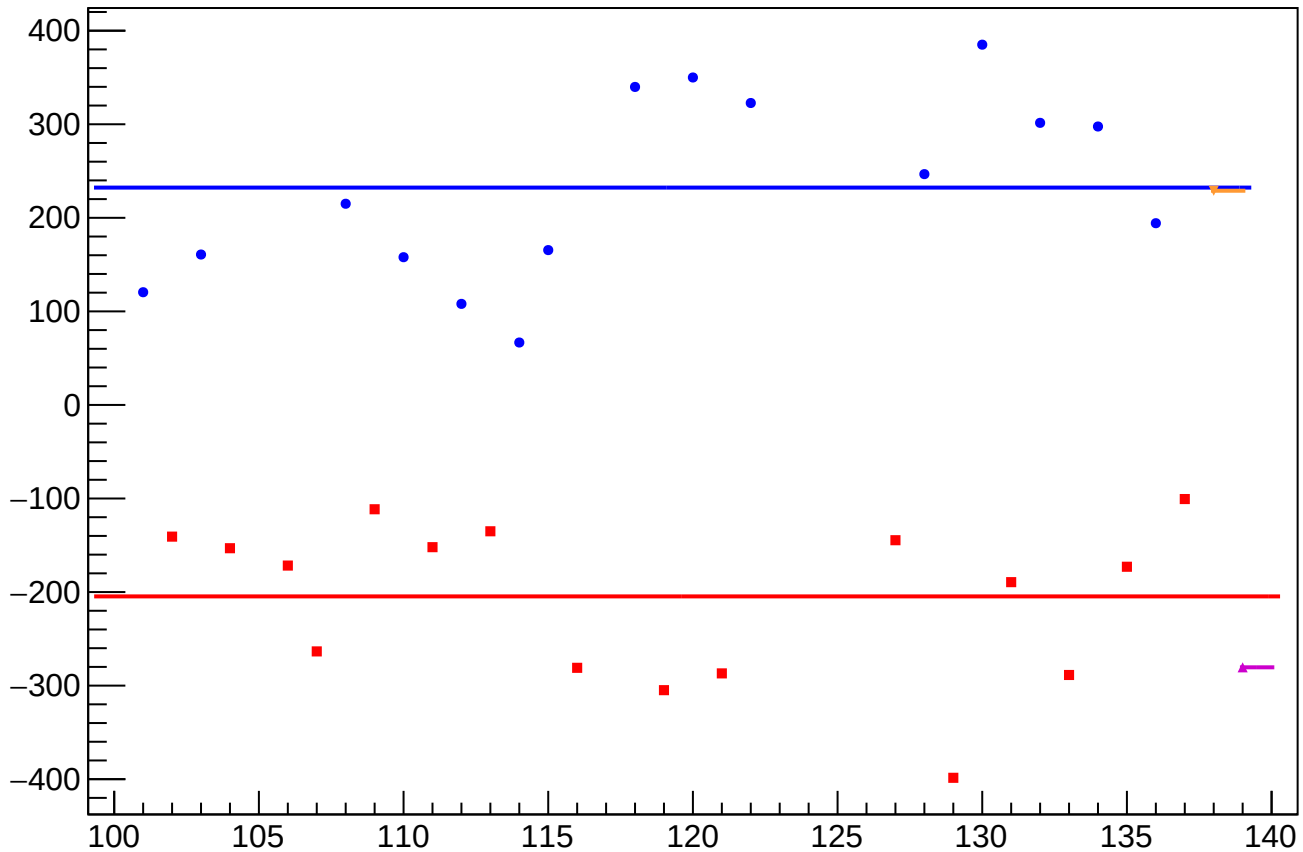
-1005.786+/-0.000 χ^2/NDF : 736057027889330

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 13006.954+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -13482.244+/-0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Left In: -17746.852+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 232.312+/-0.000 $\chi^2/\text{NDF}: 5478184144885833956204804001180418048.0/14$

Left Out: 228.946+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -204.637+/-0.000 $\chi^2/\text{NDF}: 4555067046835230017930882867882098688.0/15$

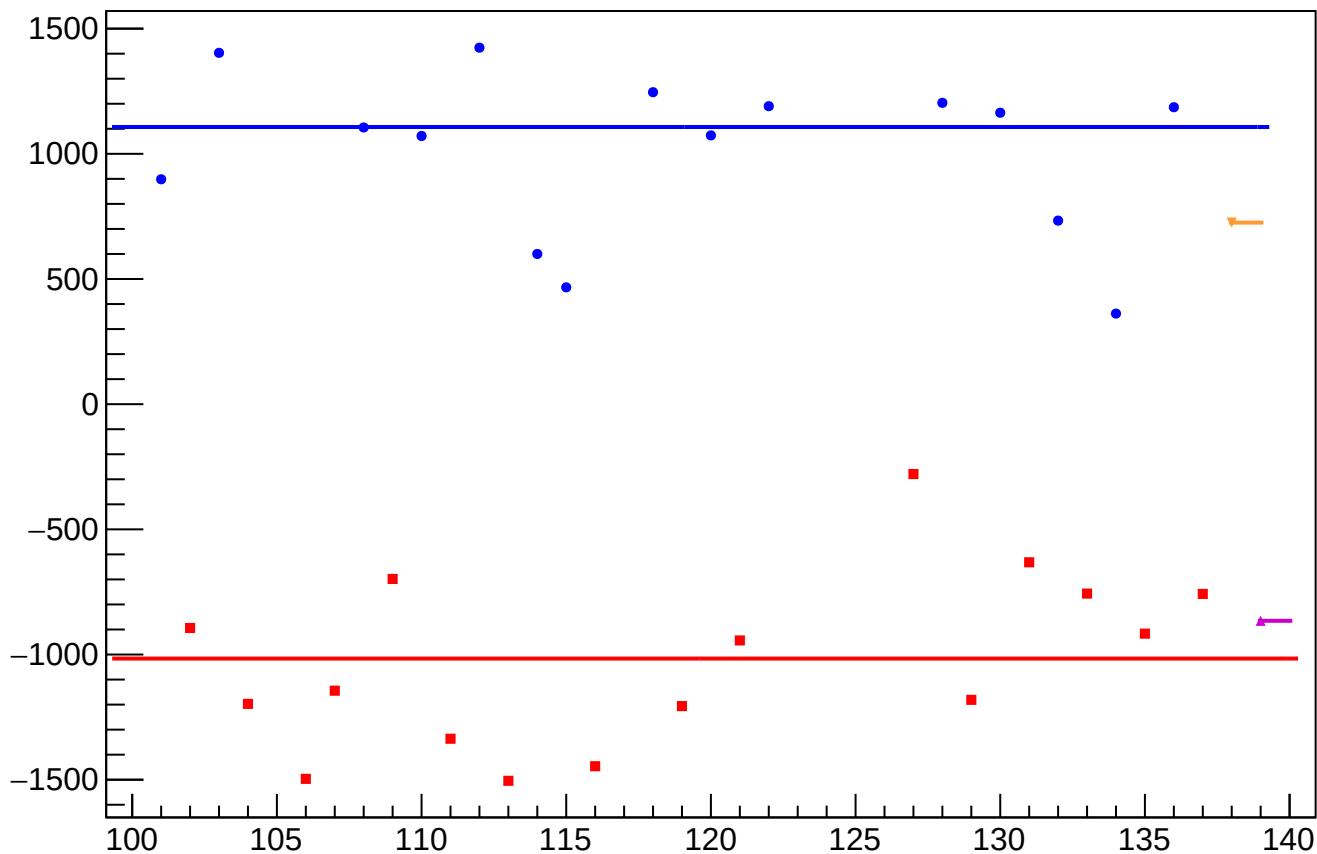
Left In: -280.443+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

231.951+/-0.000 $\chi^2/\text{NDF}: 54789730096101100$

12.747+/-0.000 $\chi^2/\text{NDF}: 8069838495774$

-209.825+/-0.000 $\chi^2/\text{NDF}: 4817375550612223$

dit_sam6_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

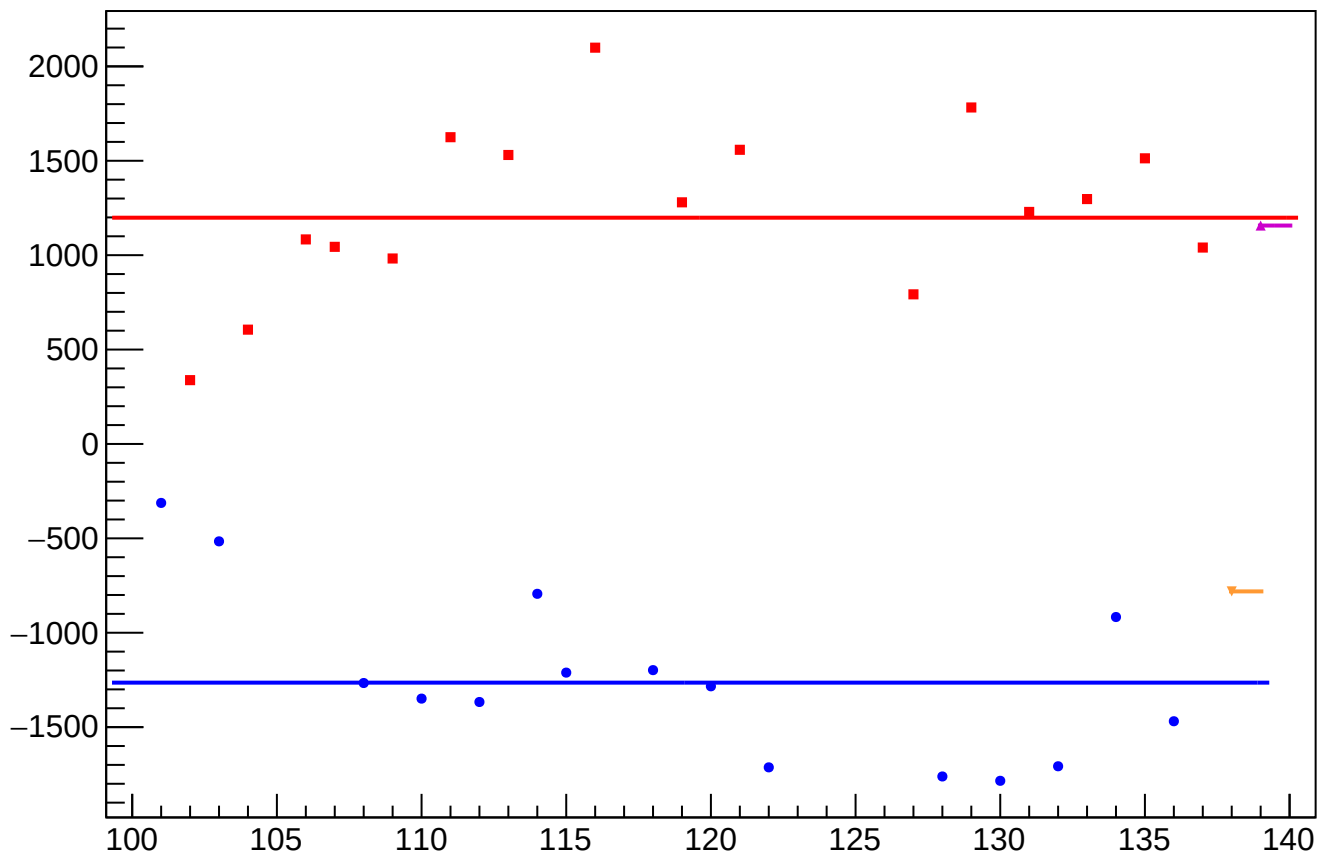
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

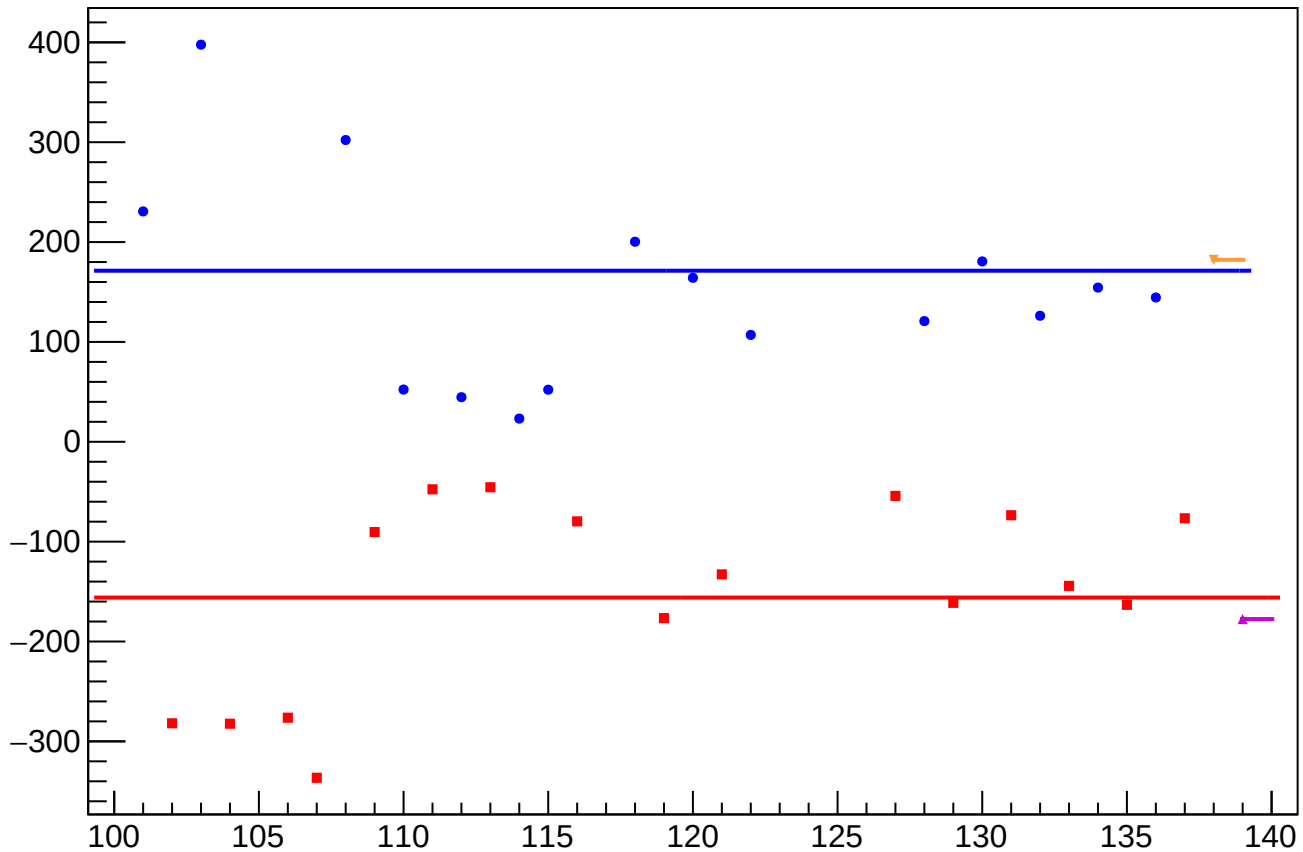
-1005.786+/-0.000 χ^2/NDF : 736057027889330

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: 1156.907+/-0.000 χ^2/NDF : 2533240.6/0

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

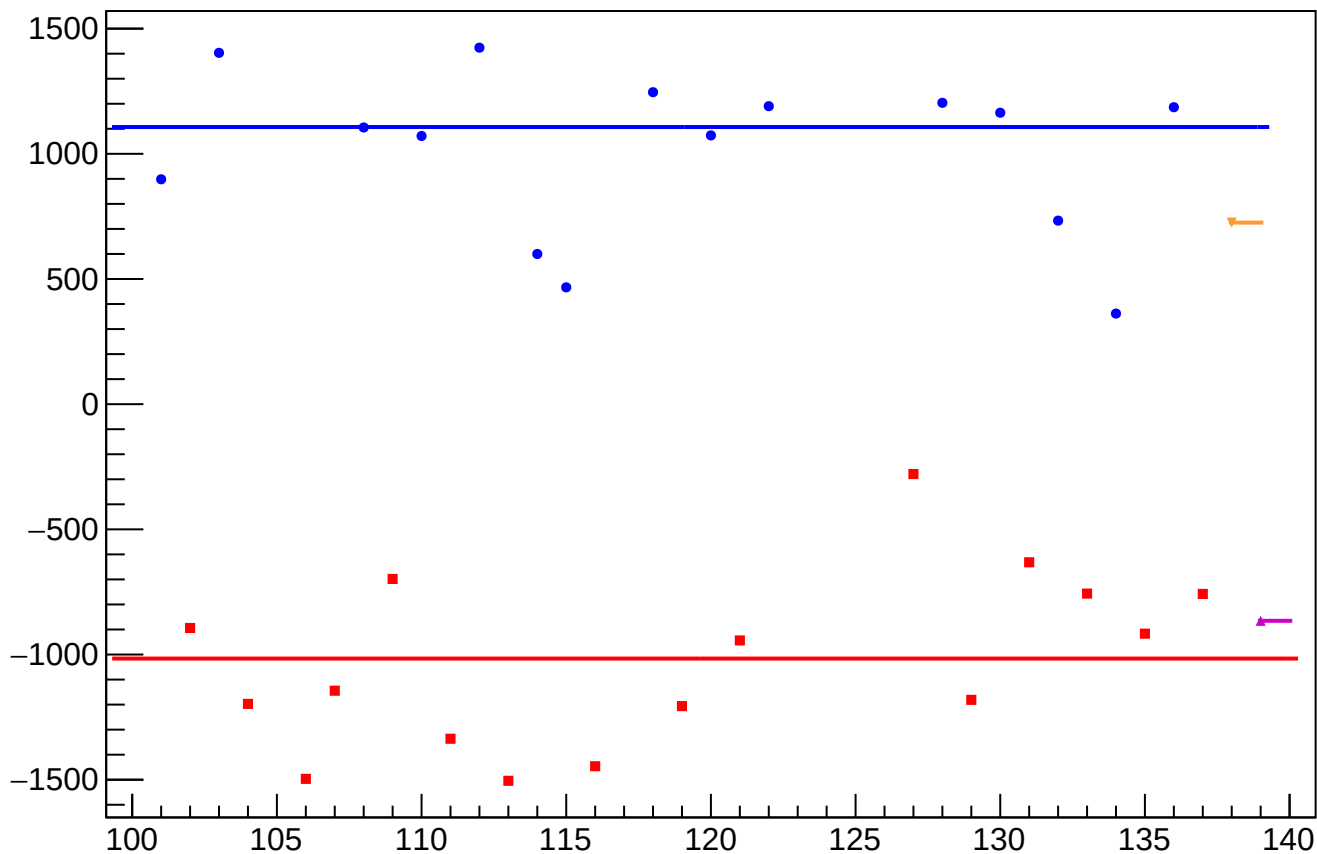
Left In: -177.521+/-0.000 χ^2/NDF : 39581.9/0

172.492+/-0.000 χ^2/NDF : 61292429770167180

8.770+/-0.000 χ^2/NDF : 51104547329426

-157.467+/-0.000 χ^2/NDF : 5701814505449938

dit_sam7_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

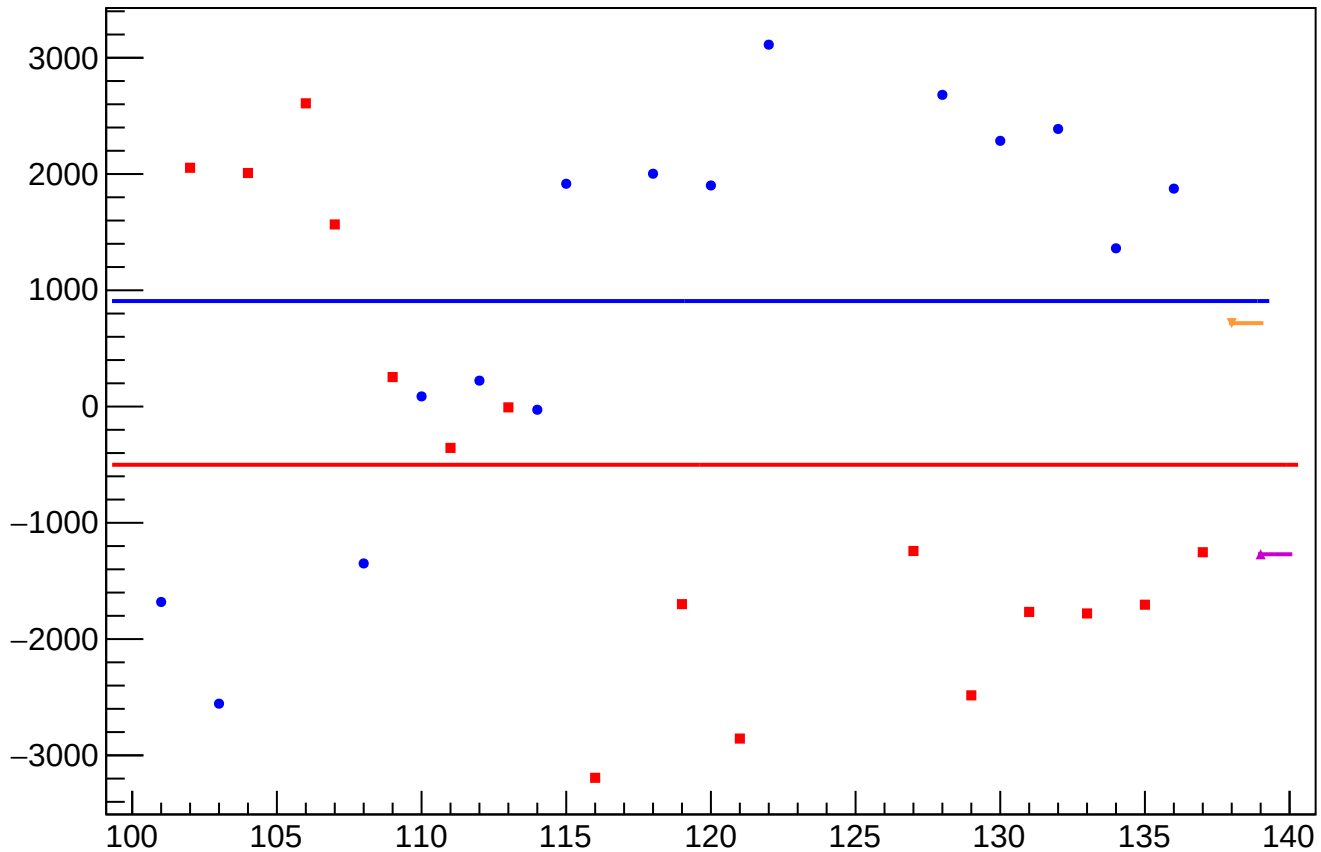
Left In: -865.306 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1066.092 $\pm$ 0.000 χ^2 /NDF: 5078250459944977

38.050 $\pm$ 0.000 χ^2 /NDF: 1672882674664

-1005.786 $\pm$ 0.000 χ^2 /NDF: 736057027889330

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

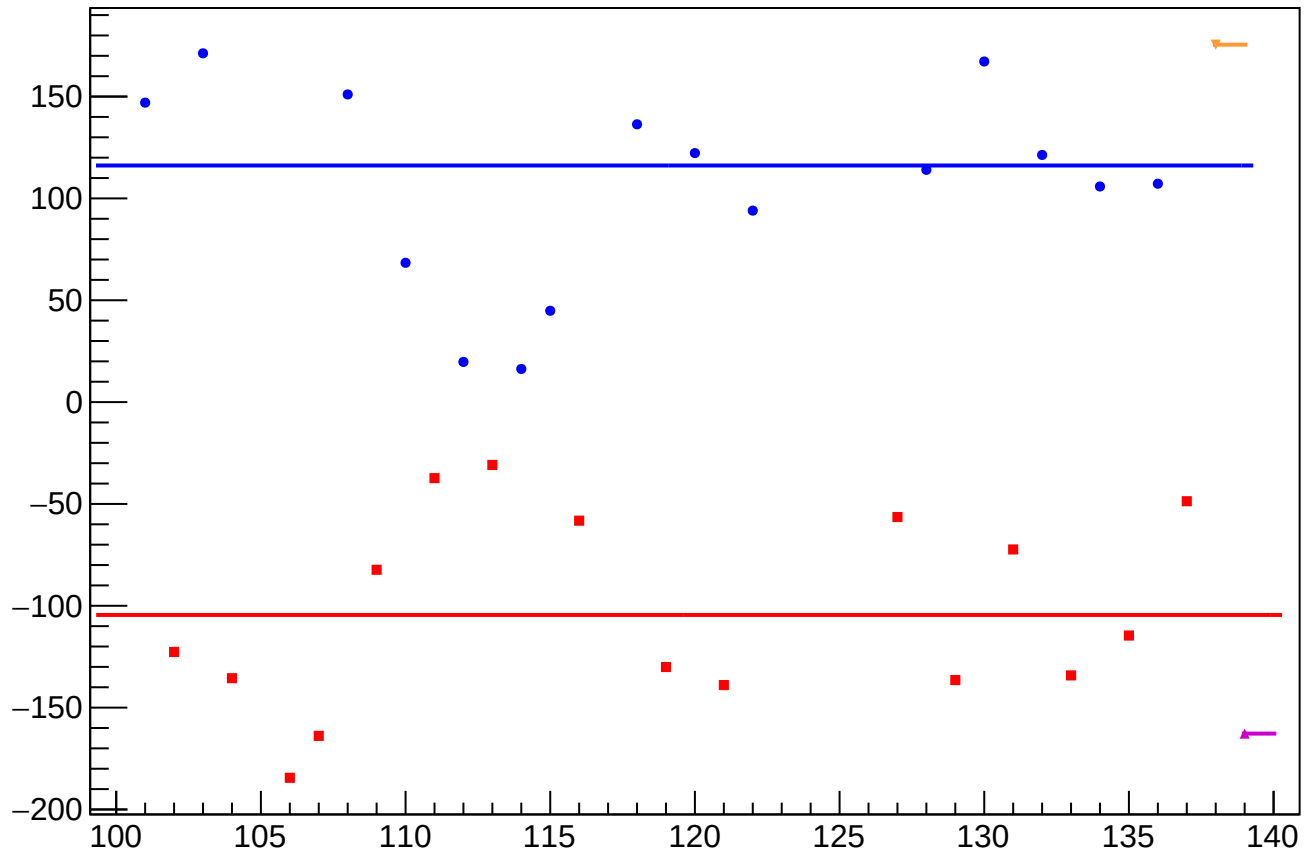
Left In: -1270.491+/-0.000 χ^2/NDF : 0.0/0

887.051+/-0.000 χ^2/NDF : 21097529912326918

172.330+/-0.000 χ^2/NDF : 495948208022

-553.371+/-0.000 χ^2/NDF : 2101282896347572

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 116.159 ± 0.000 $\chi^2/\text{NDF}: 1198526427485199785396504127288115200.0/14$

Left Out: 175.478 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -104.501 ± 0.000 $\chi^2/\text{NDF}: 1285986383644058507445602420764180480.0/15$

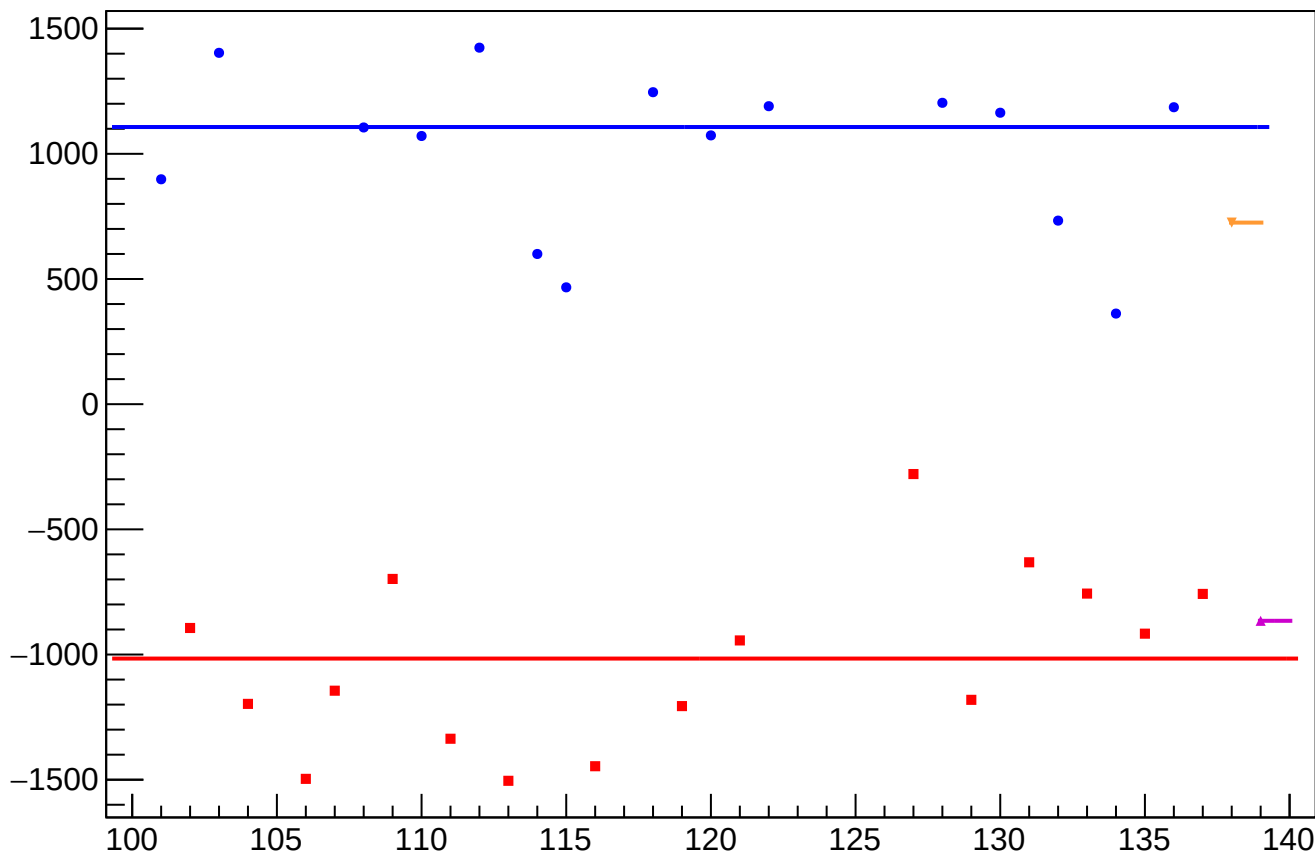
Left In: -162.752 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

122.524 ± 0.000 $\chi^2/\text{NDF}: 14435402124995094$

7.899 ± 0.000 $\chi^2/\text{NDF}: 22135030507300$

-108.487 ± 0.000 $\chi^2/\text{NDF}: 1440876145359931$

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

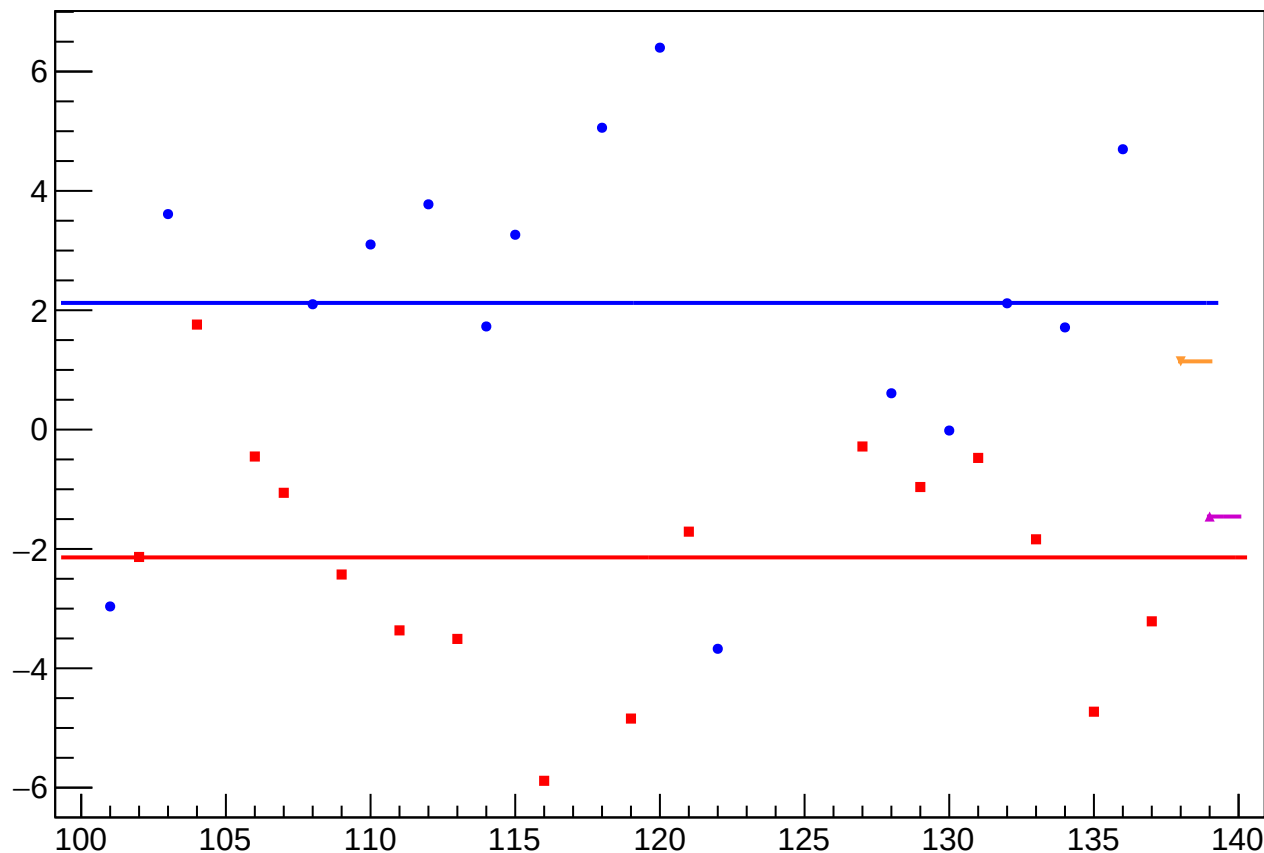
Left In: -865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

38.050+/-0.000 χ^2/NDF : 1672882674664

-1005.786+/-0.000 χ^2/NDF : 736057027889330

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

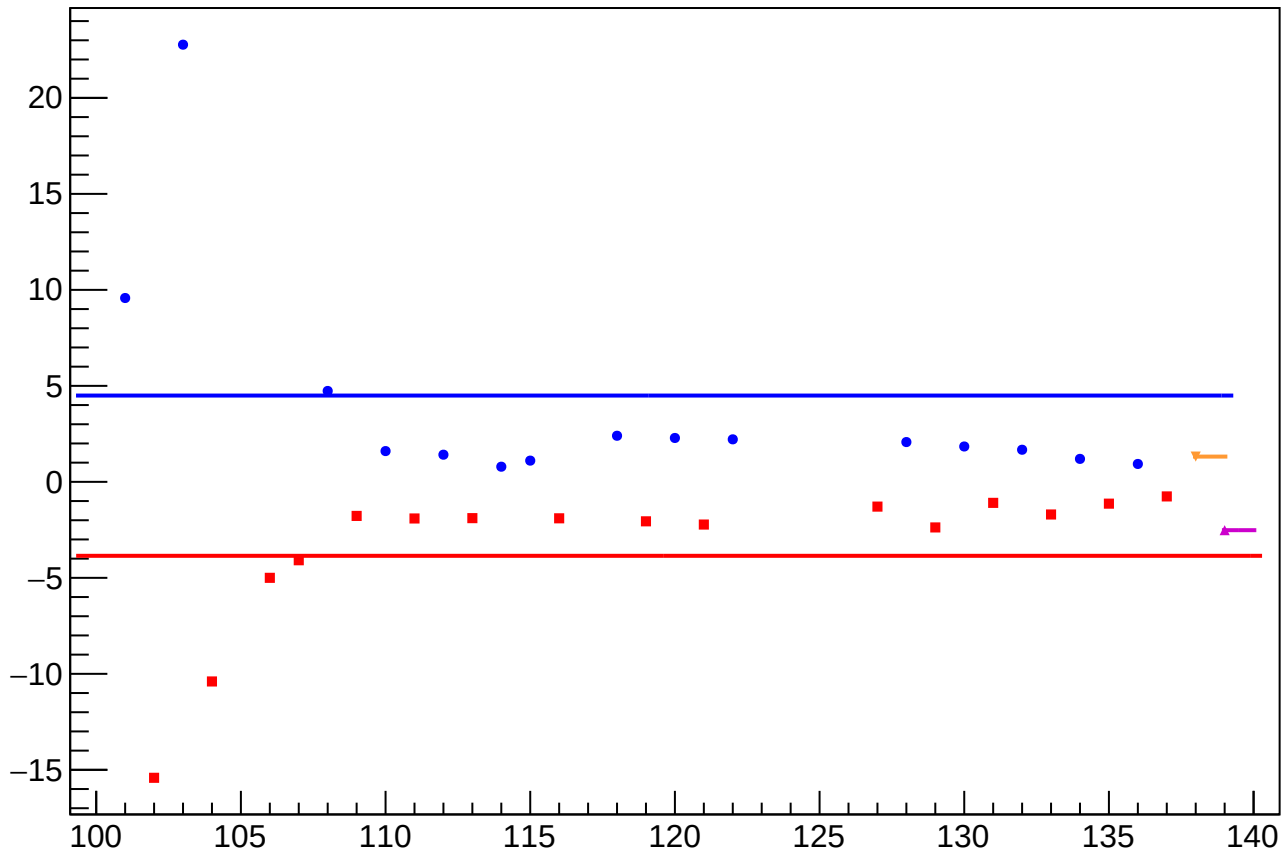
Left In: -1.457+/-0.000 χ^2/NDF : 2.4/0

2.018+/-0.000 χ^2/NDF : 5330514106604270172

-0.023+/-0.000 χ^2/NDF : 1392619312481

-2.095+/-0.000 χ^2/NDF : 249435987406368561

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14

Left Out: 1.316 $\pm$ 0.000 χ^2 /NDF: 3.8/0

Right Out: -3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15

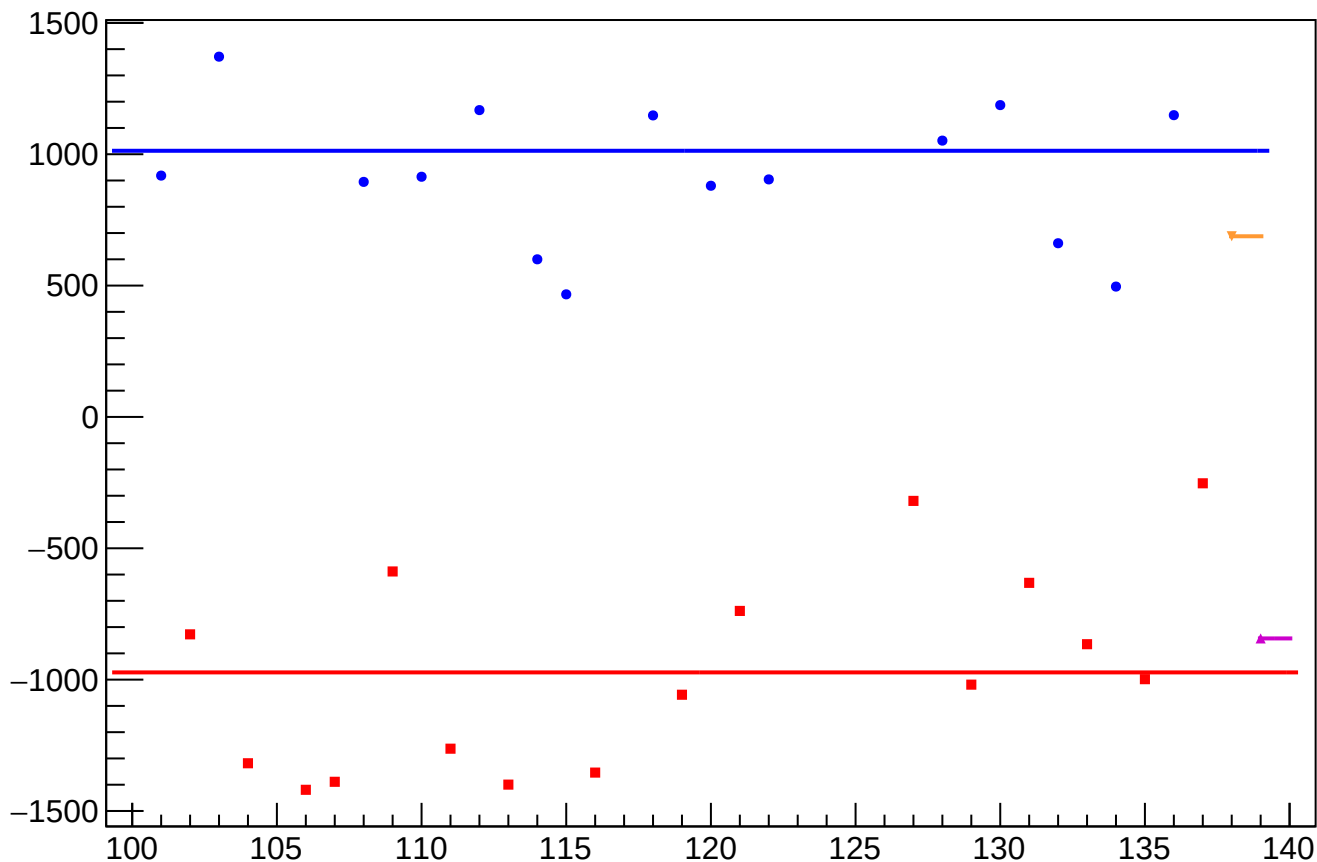
Left In: -2.517 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.154 $\pm$ 0.000 χ^2 /NDF: 2597408093643169581

0.227 $\pm$ 0.000 χ^2 /NDF: 60969132593463

-3.761 $\pm$ 0.000 χ^2 /NDF: 123963398275520928

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

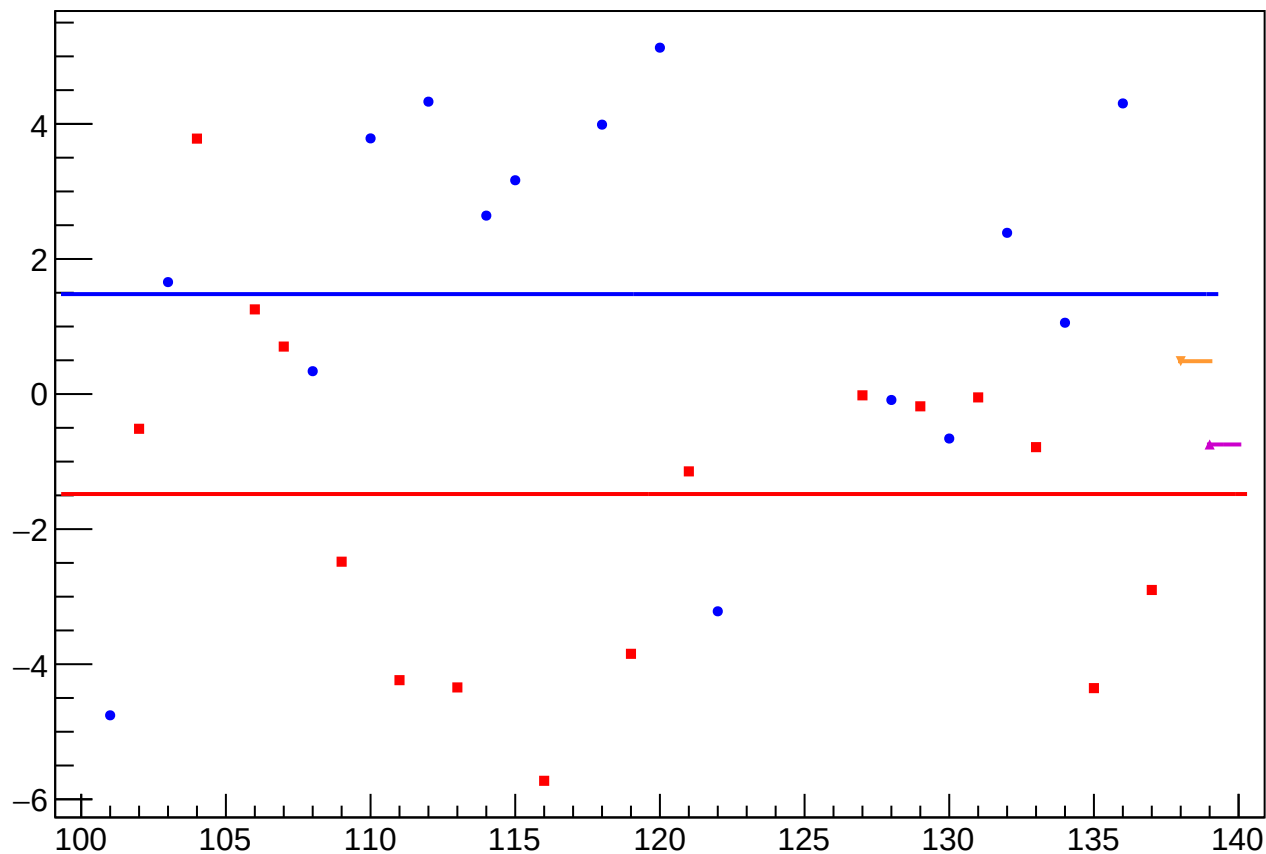
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

-963.615+/-0.000 χ^2/NDF : 7964785888768221

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 0.487+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15

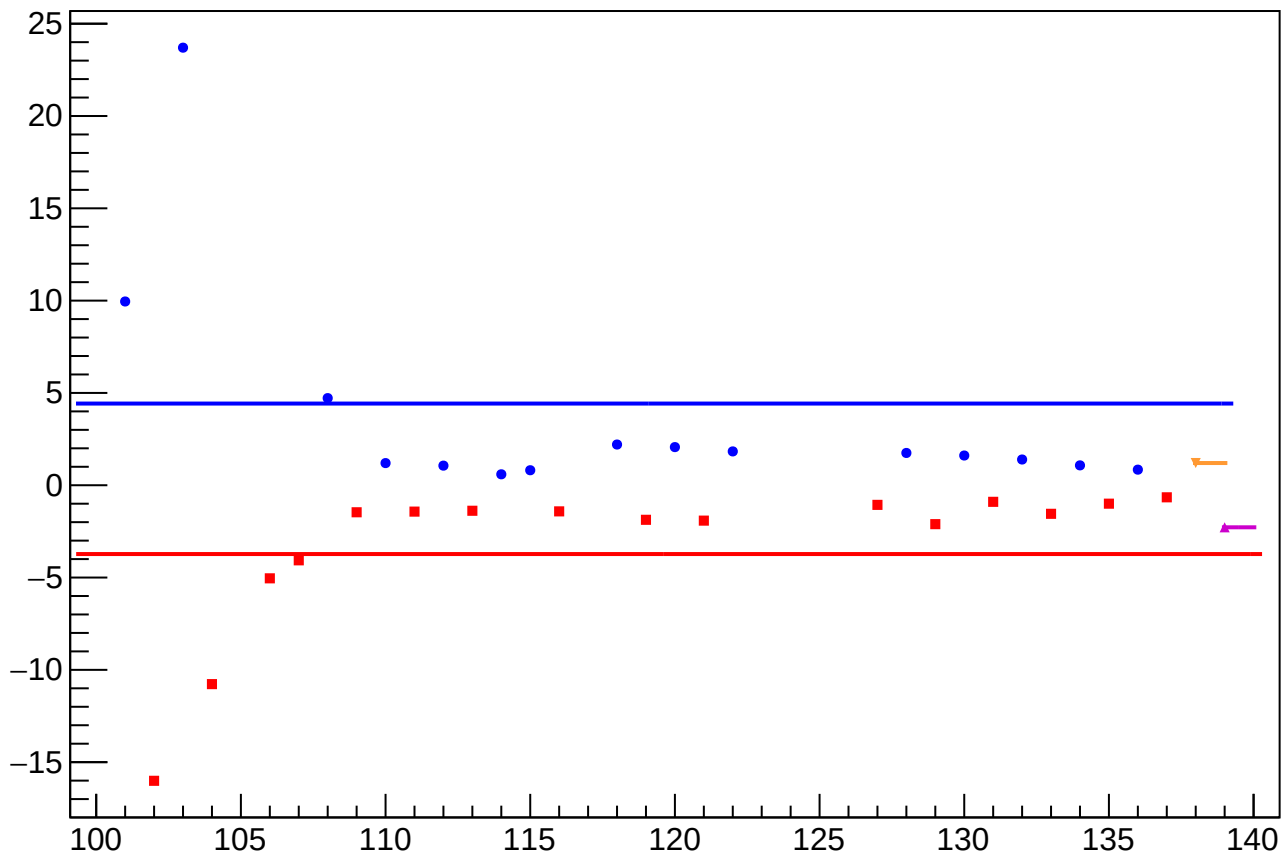
Left In: -0.746+/-0.000 χ^2/NDF : 0.0/0

1.373+/-0.000 χ^2/NDF : 5868372564042901446

-0.018+/-0.000 χ^2/NDF : 1282057254732

-1.430+/-0.000 χ^2/NDF : 411721943270657235

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

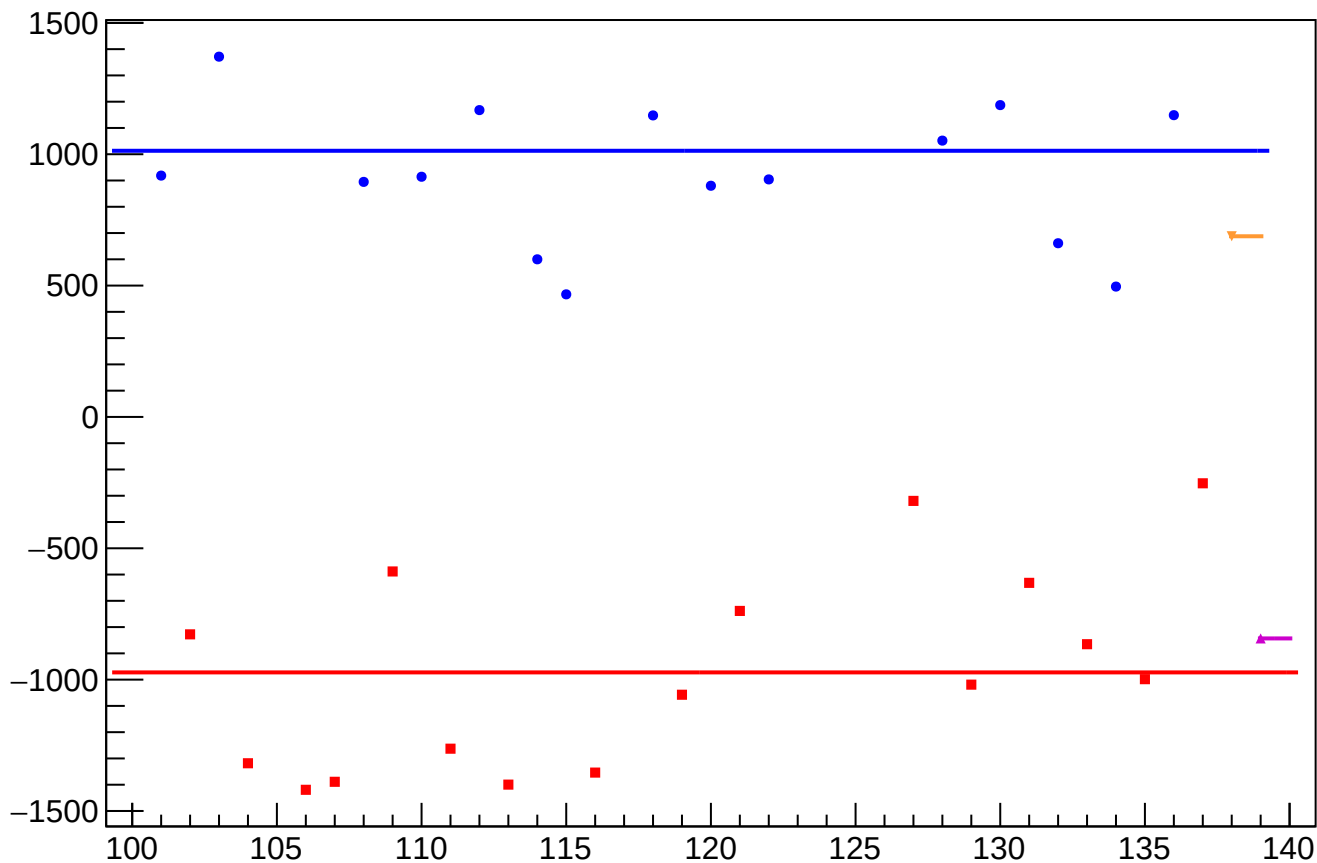
Left In: -2.279+/-0.000 χ^2/NDF : 0.0/0

4.079+/-0.000 χ^2/NDF : 2898005669490796682

0.255+/-0.000 χ^2/NDF : 64493018027280

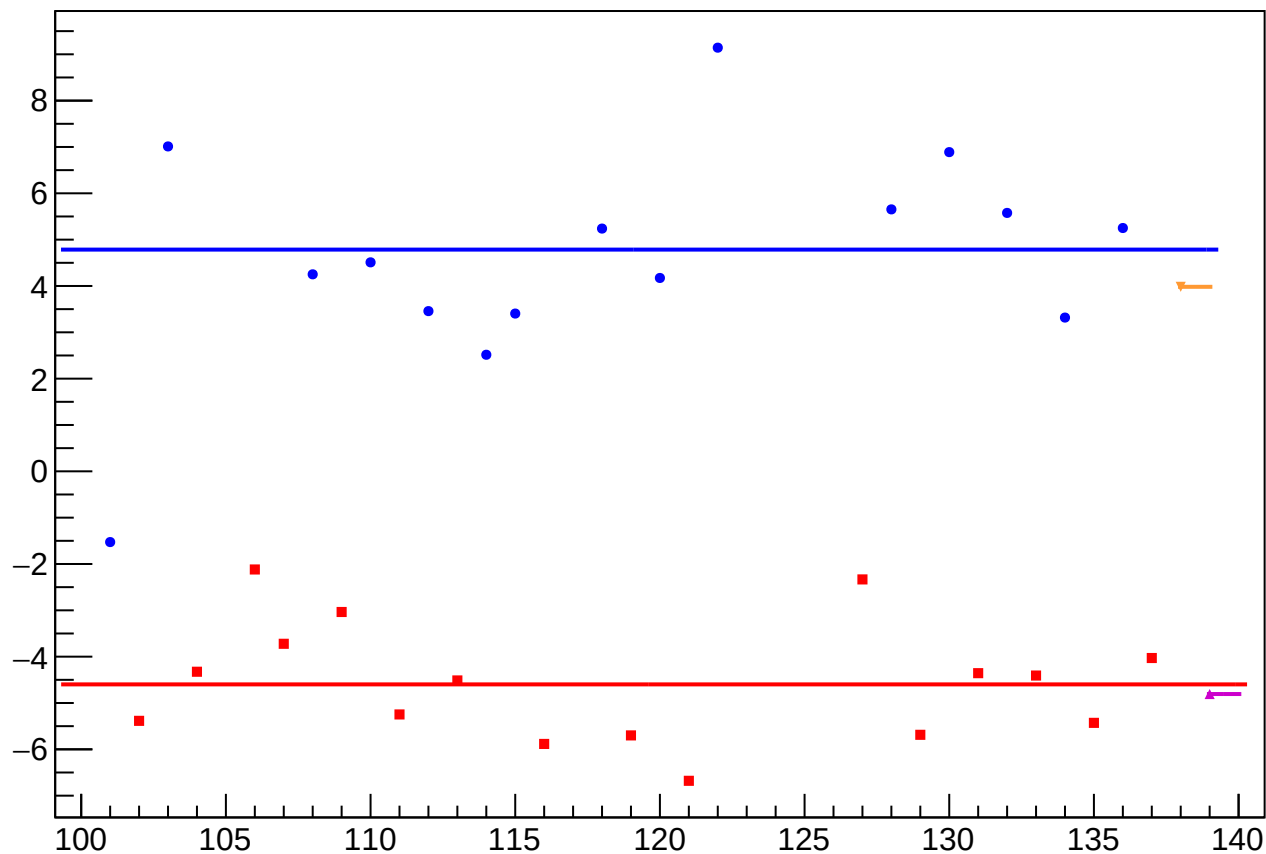
-3.628+/-0.000 χ^2/NDF : 140875840946909143

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	978.231+/-0.000	χ^2/NDF : 39095487198101157
Left Out: 687.718+/-0.000	χ^2/NDF : 1008126.4/0	14.710+/-0.000	χ^2/NDF : 1478967548635
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	-963.615+/-0.000	χ^2/NDF : 7964785888768221
Left In: -843.143+/-0.000	χ^2/NDF : 0.0/0		

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 4.785 $\pm$ 0.000 χ^2 /NDF: 3996556073154779711808159470321664.0/14

Left Out: 3.982 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.598 $\pm$ 0.000 χ^2 /NDF: 989607156792948633247632779640832.0/15

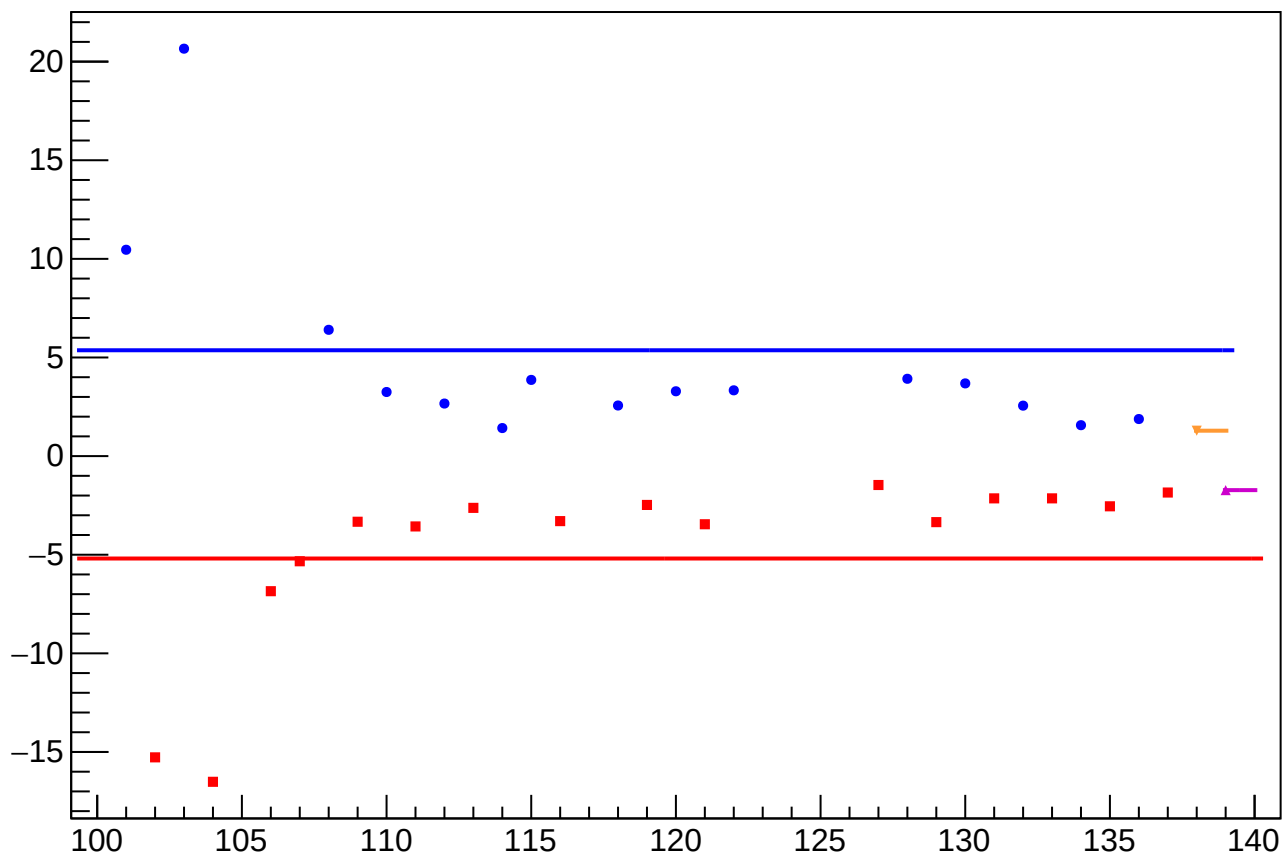
Left In: -4.806 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.699 $\pm$ 0.000 χ^2 /NDF: 4041466704886499360

0.079 $\pm$ 0.000 χ^2 /NDF: 36309550371856

-4.613 $\pm$ 0.000 χ^2 /NDF: 991585271098925995

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 1.288+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

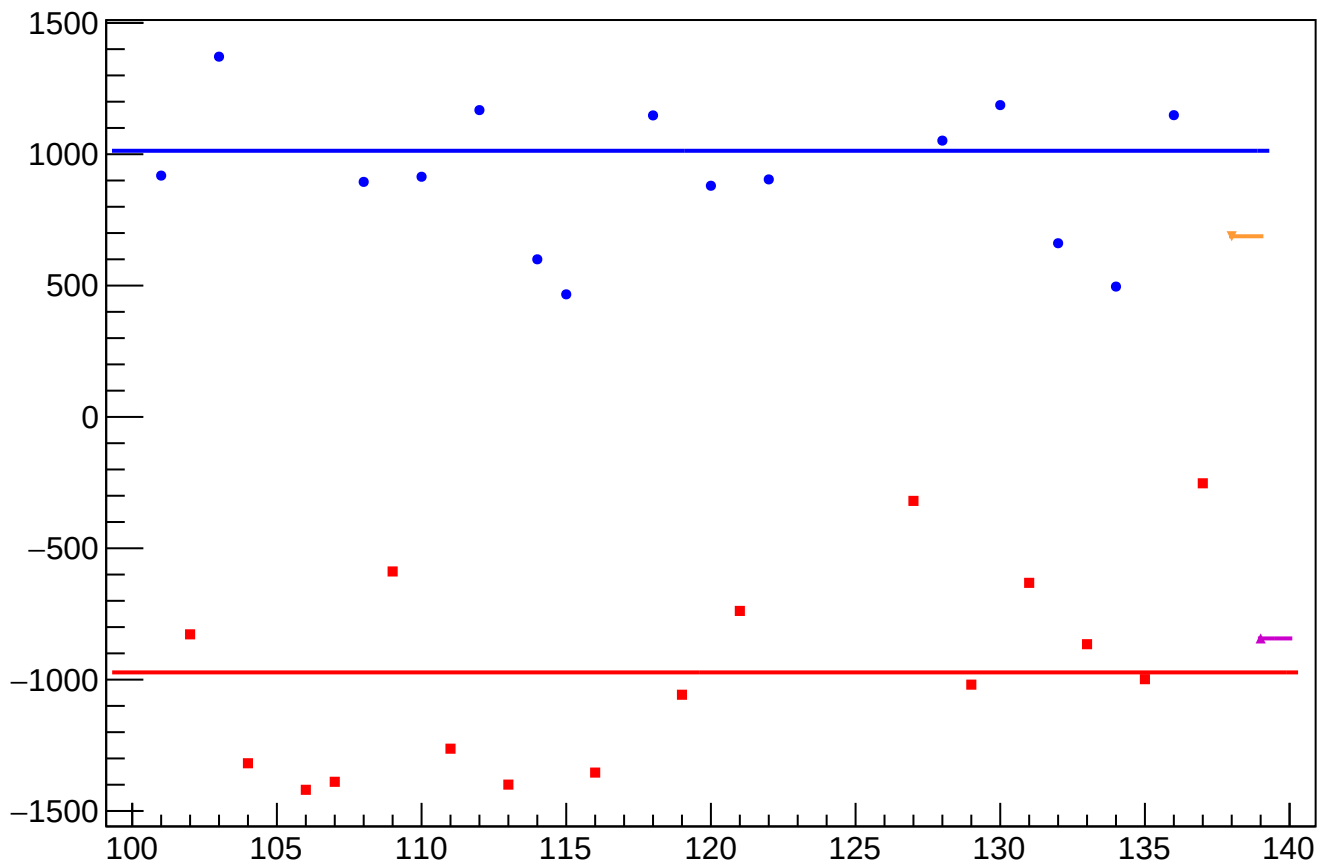
Left In: -1.725+/-0.000 χ^2/NDF : 0.0/0

4.929+/-0.000 χ^2/NDF : 1993862034349155400

0.025+/-0.000 χ^2/NDF : 71474048476654

-4.955+/-0.000 χ^2/NDF : 162983721636346049

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

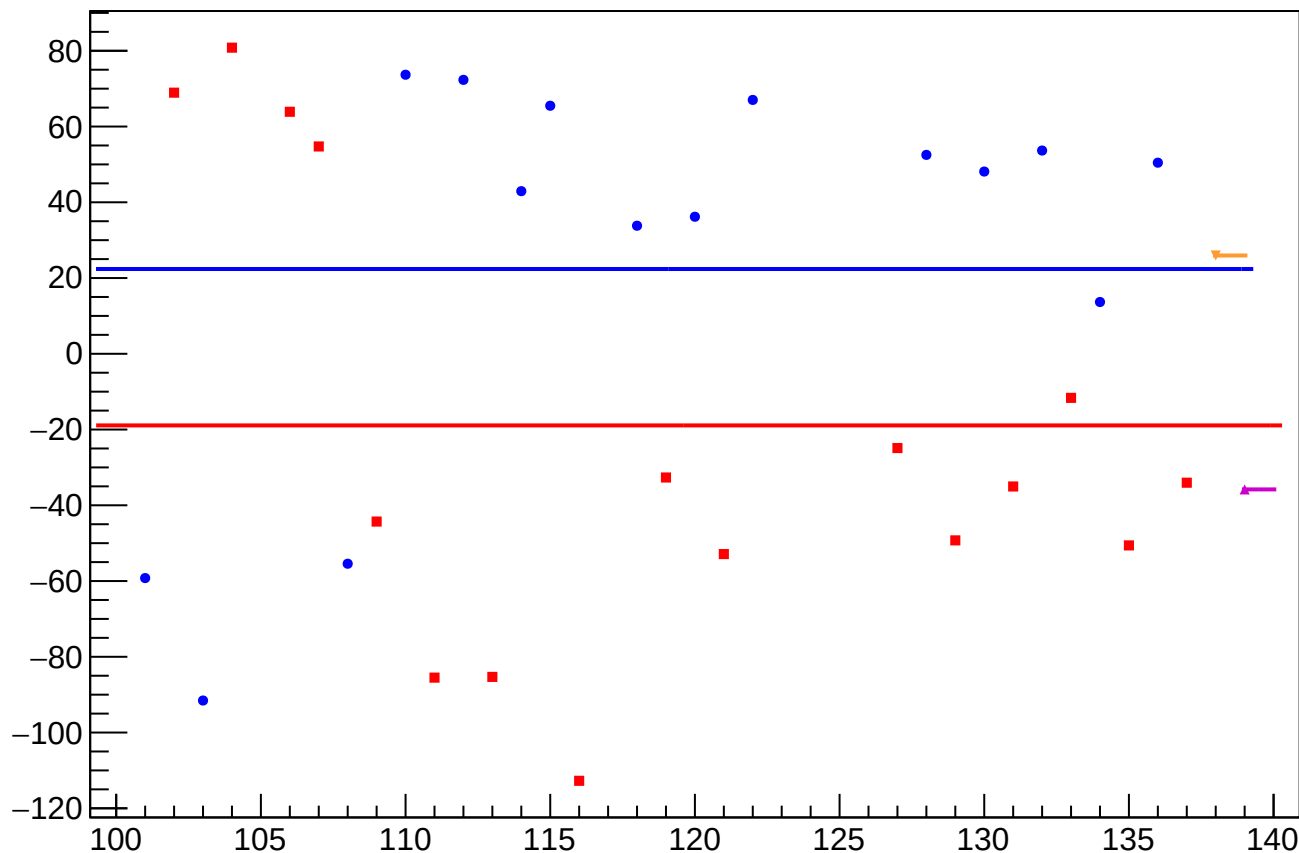
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

-963.615+/-0.000 χ^2/NDF : 7964785888768221

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 : 2182221808408156293593992757837824.0/15

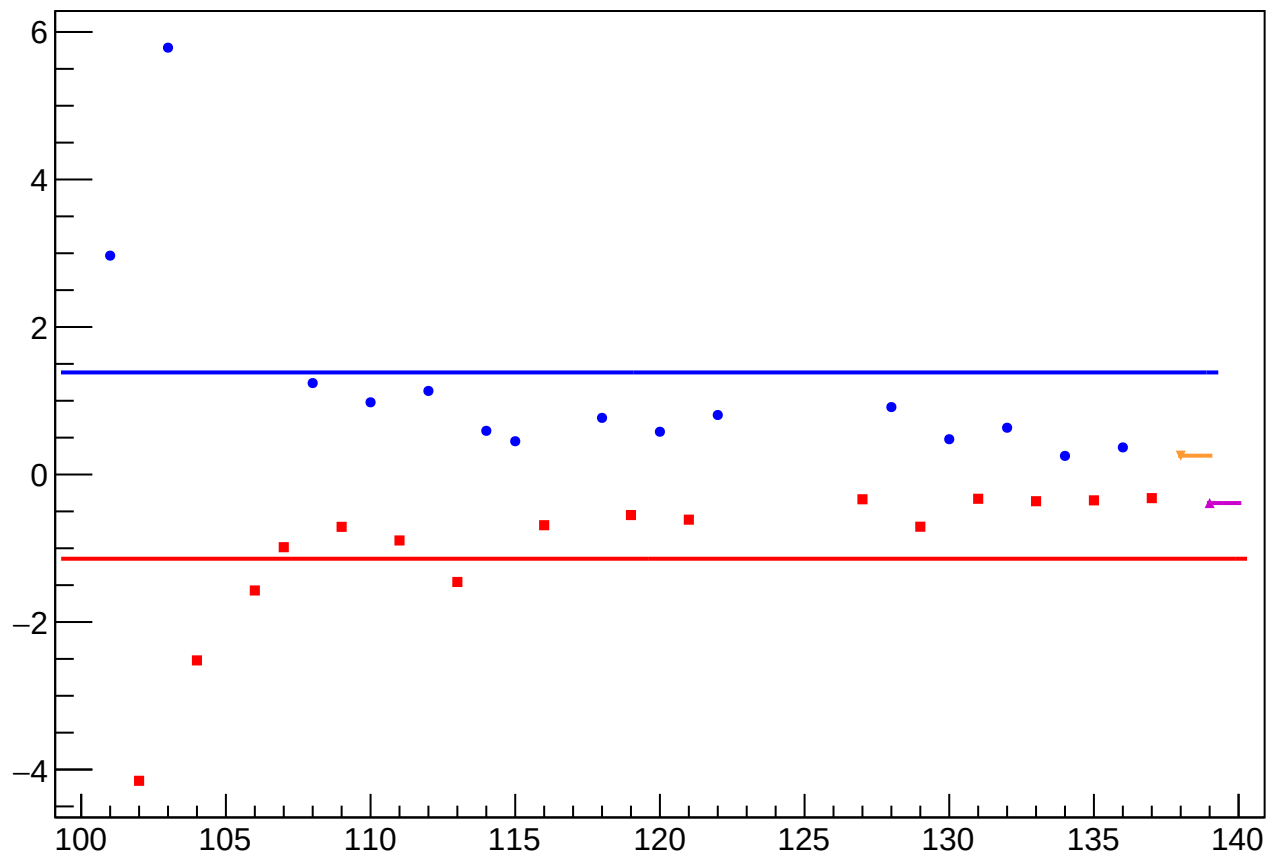
Left In: -35.808+/-0.000 χ^2/NDF : 0.0/0

22.768+/-0.000 χ^2/NDF : 192314923128905840

1.515+/-0.000 χ^2/NDF : 47801814614422

-20.064+/-0.000 χ^2/NDF : 21952599972069889

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.384 $\pm$ 0.000 χ^2 /NDF: 1571159324102064120487940936695808.0/14

Left Out: 0.255 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.142 $\pm$ 0.000 χ^2 /NDF: 810680738285448955223066212827136.0/15

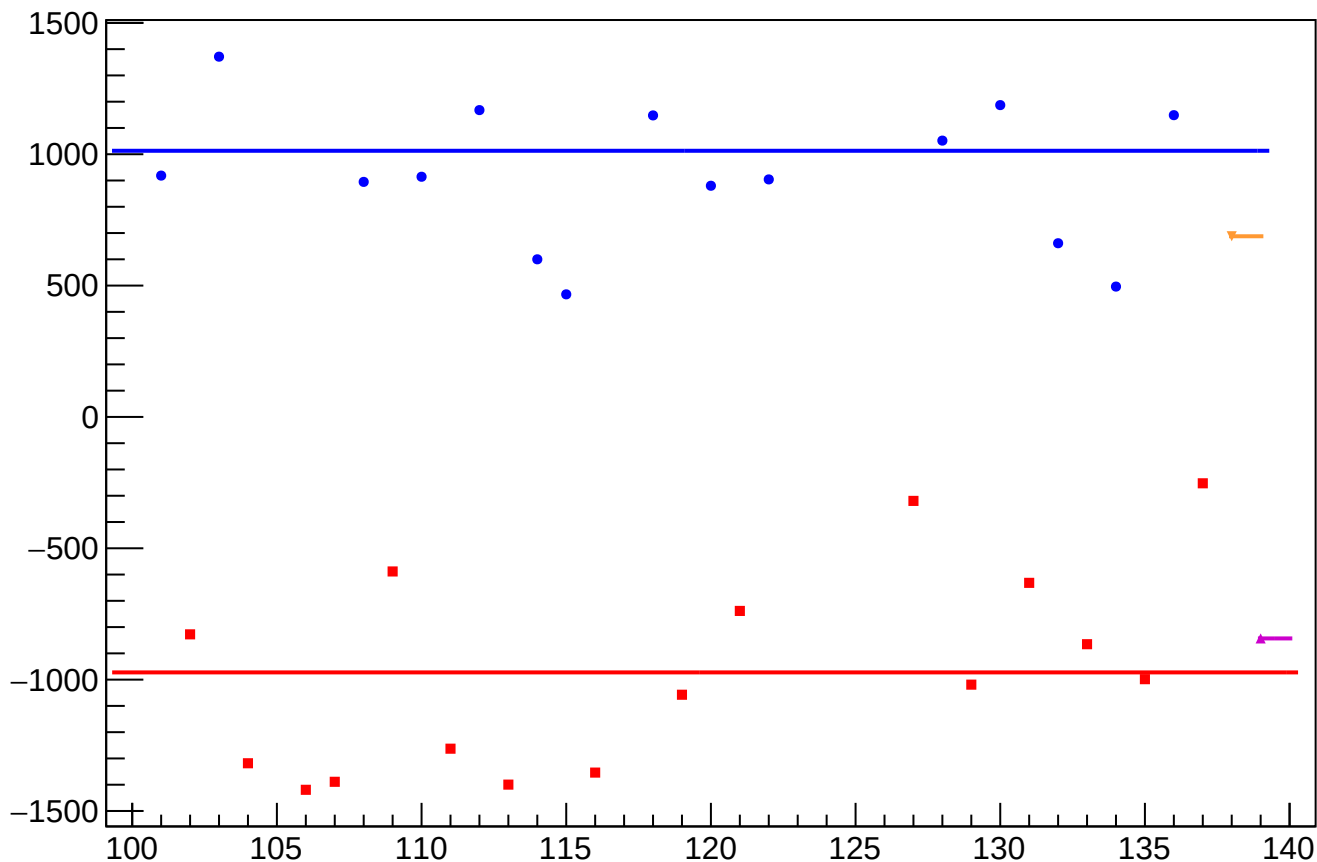
Left In: -0.387 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.263 $\pm$ 0.000 χ^2 /NDF: 1659846731282333305

0.095 $\pm$ 0.000 χ^2 /NDF: 44937841145488

-1.090 $\pm$ 0.000 χ^2 /NDF: 836692534875742254

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



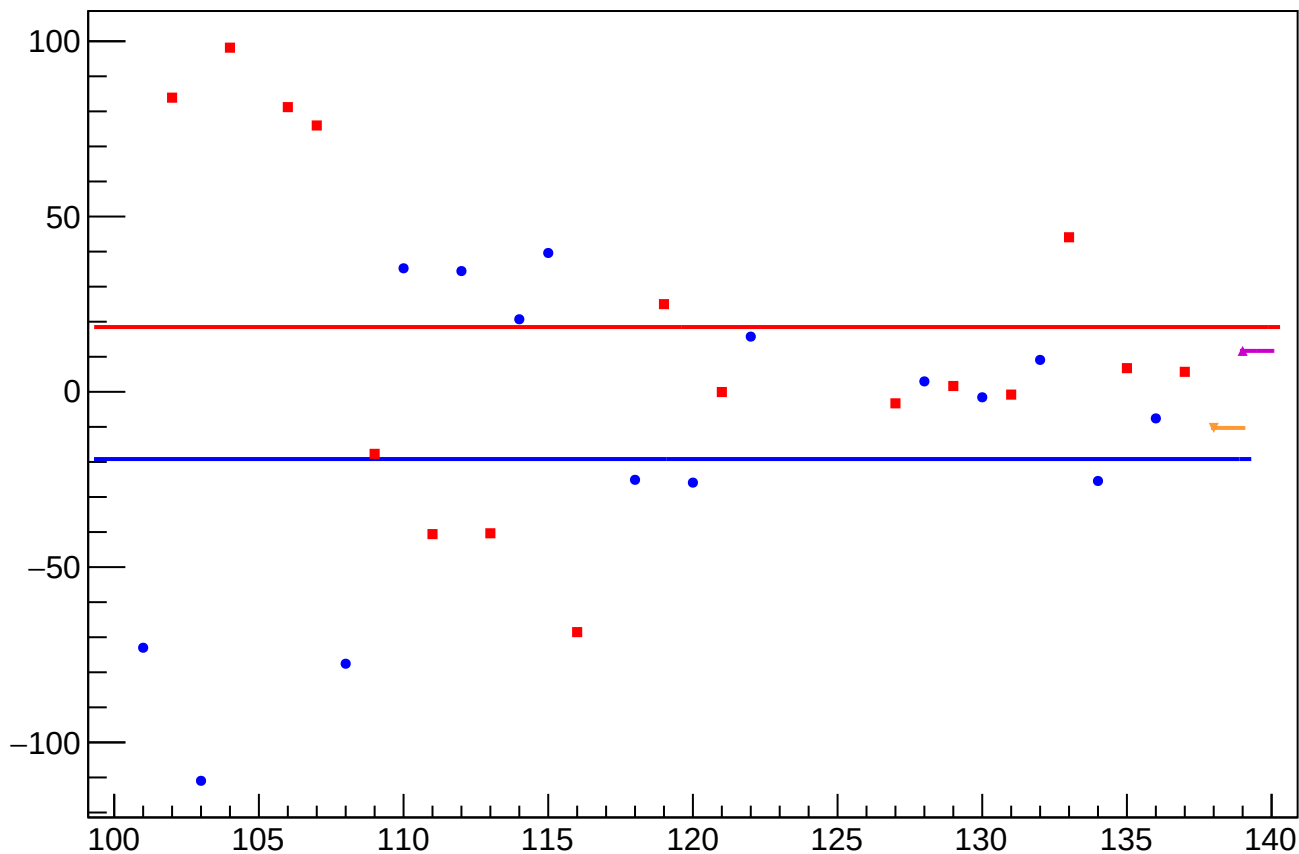
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

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: -843.143+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -19.175 ± 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -10.298 ± 0.000 χ^2/NDF : 246.1/0

Right Out: 18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

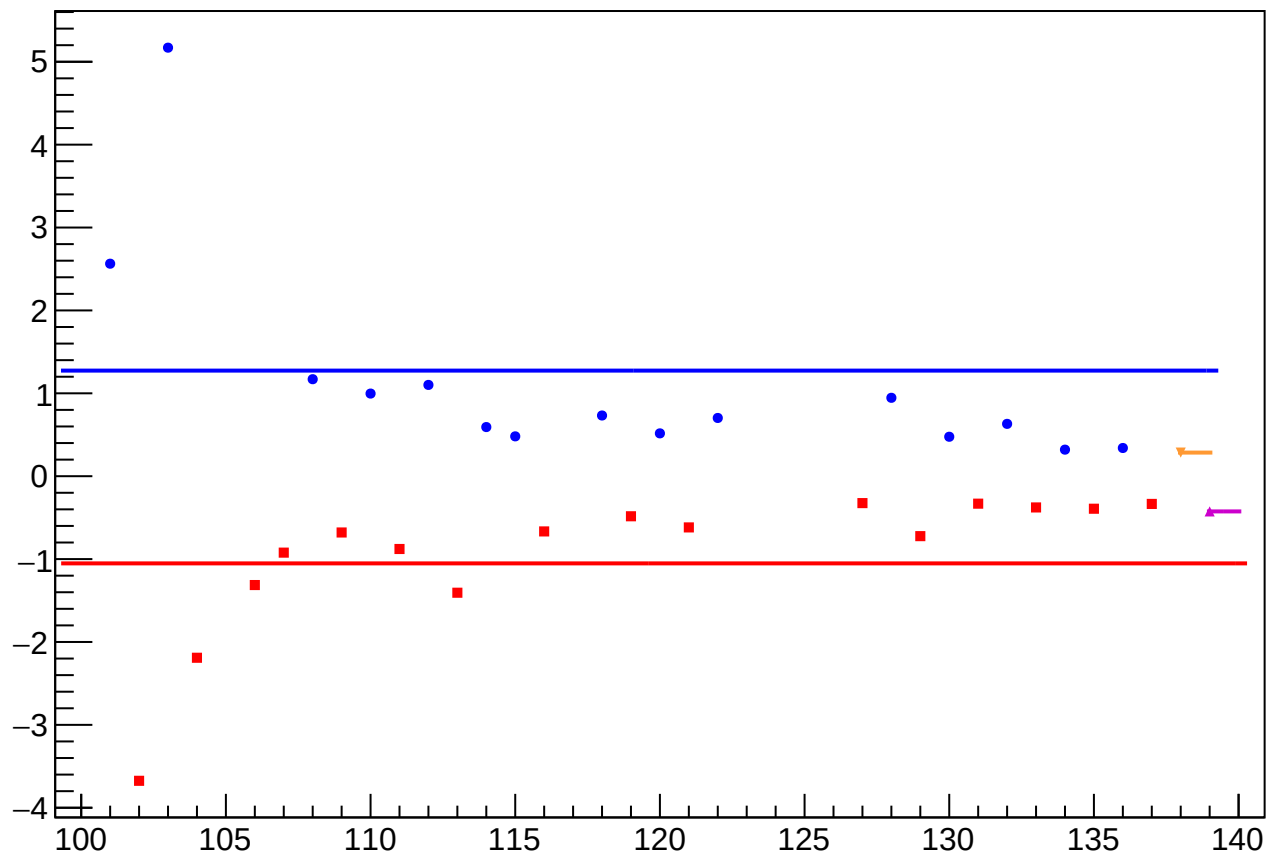
Left In: 11.681 ± 0.000 χ^2/NDF : 154.6/0

-18.223 ± 0.000 χ^2/NDF : 12518516611611164

-0.243 ± 0.000 χ^2/NDF : 32170297105916

18.014 ± 0.000 χ^2/NDF : 149150744198757347

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

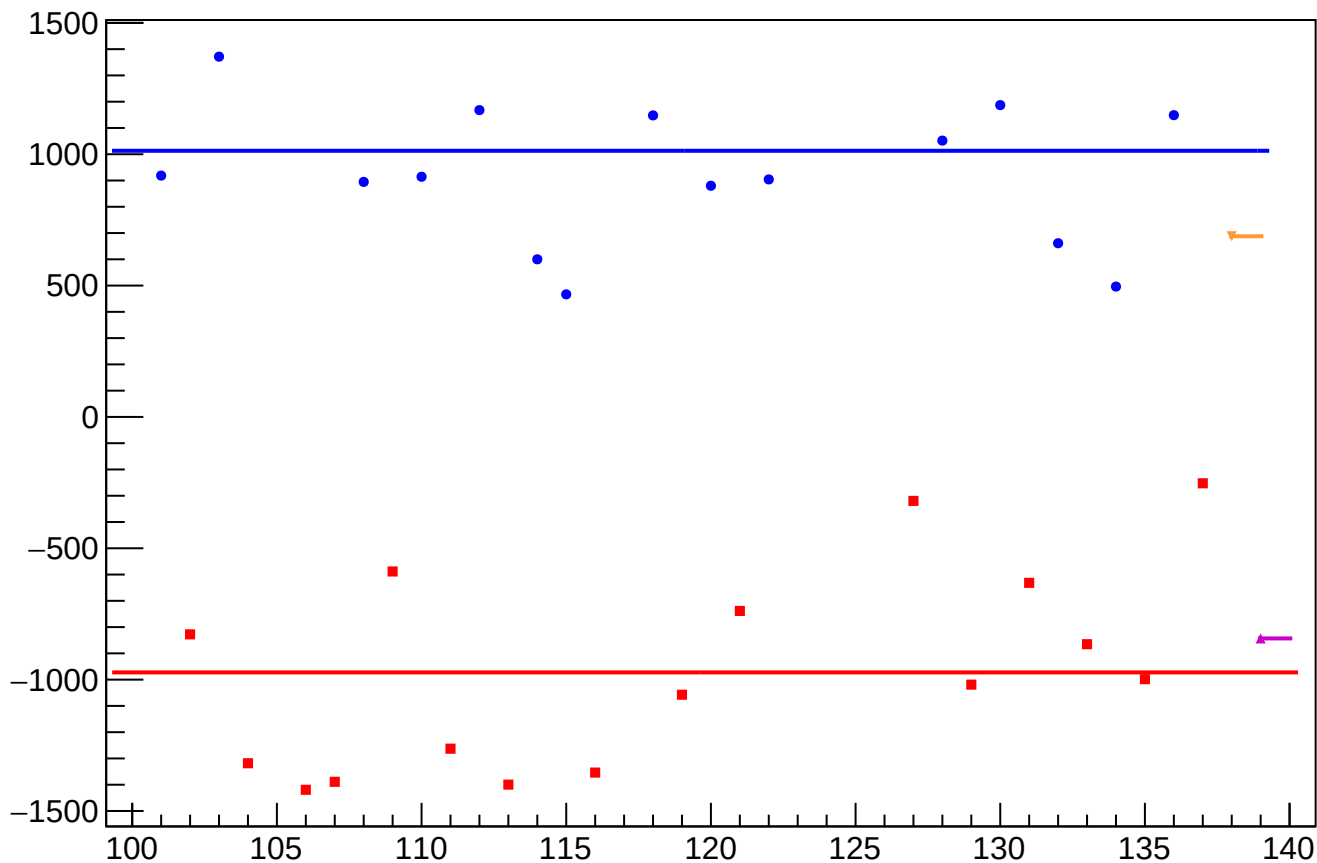
Left In: -0.425 ± 0.000 χ^2/NDF : 0.2/0

1.168 ± 0.000 χ^2/NDF : 1280152607799390102

0.088 ± 0.000 χ^2/NDF : 36147131049186

-1.009 ± 0.000 χ^2/NDF : 625261445391526124

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

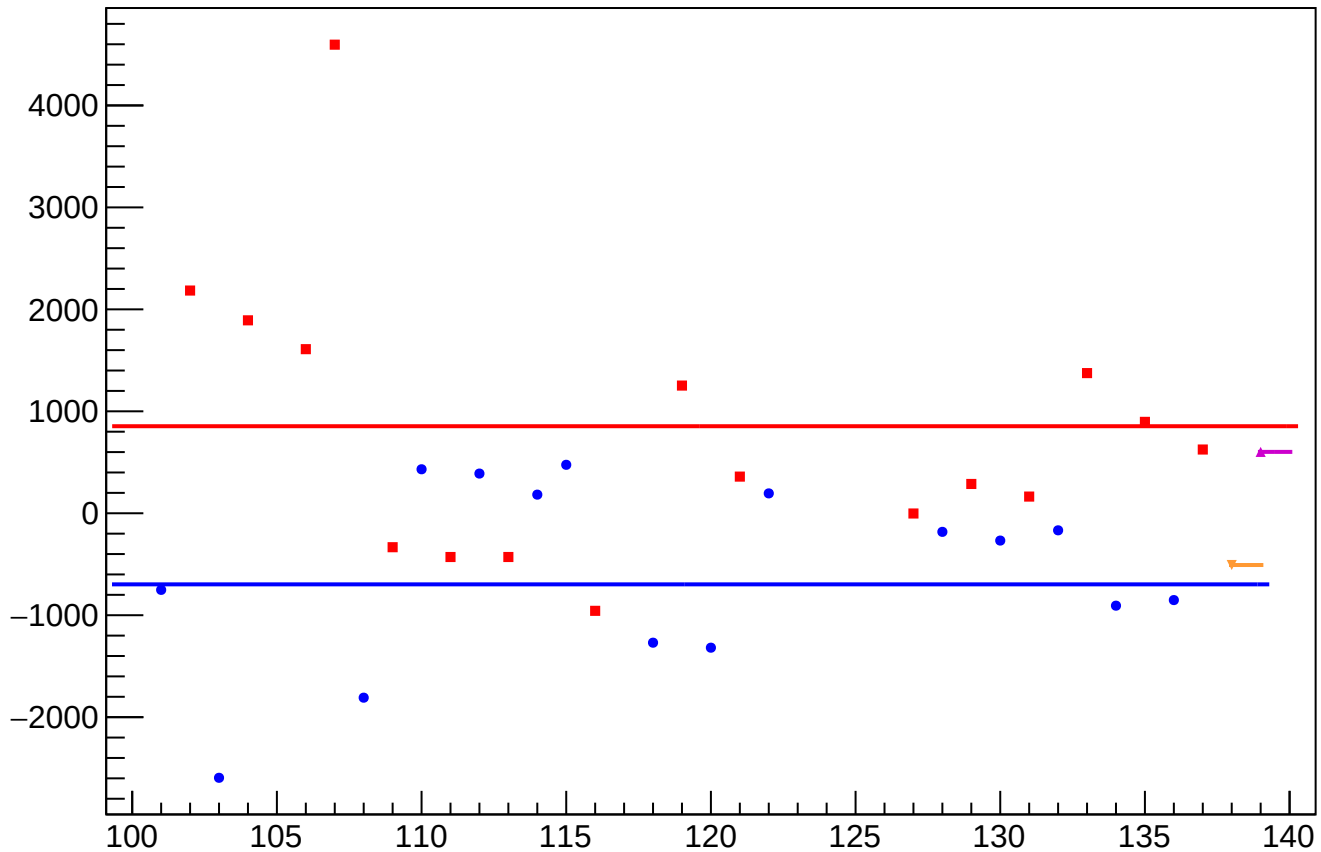
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

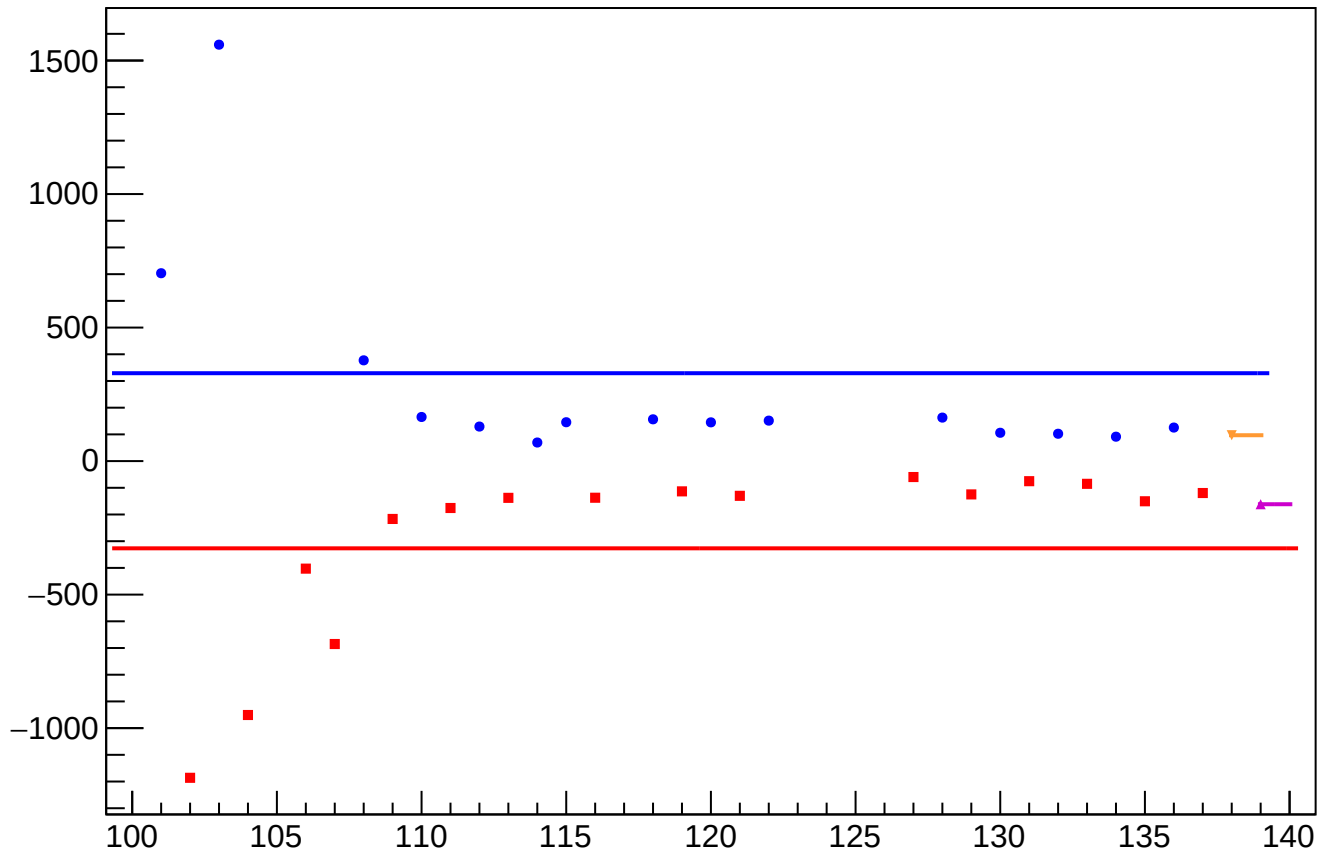
-963.615+/-0.000 χ^2/NDF : 7964785888768221

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 $\chi^2/\text{NDF}: 252031.6/0$ -676.927 ± 0.000 $\chi^2/\text{NDF}: 4929421542199361$
 Right Out: 853.734 ± 0.000 $\chi^2/\text{NDF}: 1078379020126412317155932275156201766912.0/15$ 74.018 ± 0.000 $\chi^2/\text{NDF}: 2400452403513$
 Left In: 601.925 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ 836.501 ± 0.000 $\chi^2/\text{NDF}: 10812733626713399$

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 96.861+/-0.000 χ^2/NDF : 0.0/0

Right Out: -326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

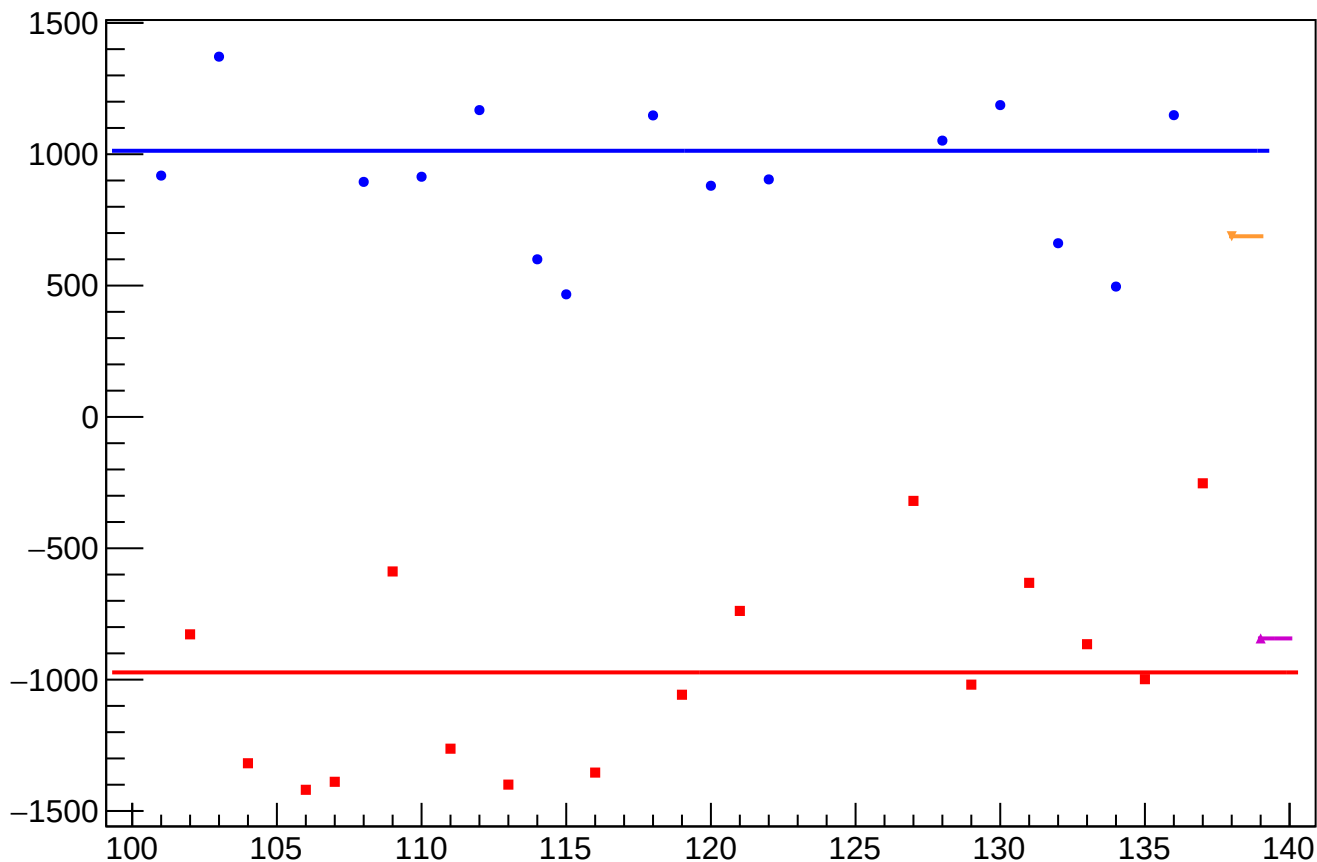
Left In: -161.549+/-0.000 χ^2/NDF : 0.0/0

304.190+/-0.000 χ^2/NDF : 12061965375331248

-3.240+/-0.000 χ^2/NDF : 34791142094472

-315.393+/-0.000 χ^2/NDF : 8881404450364189

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

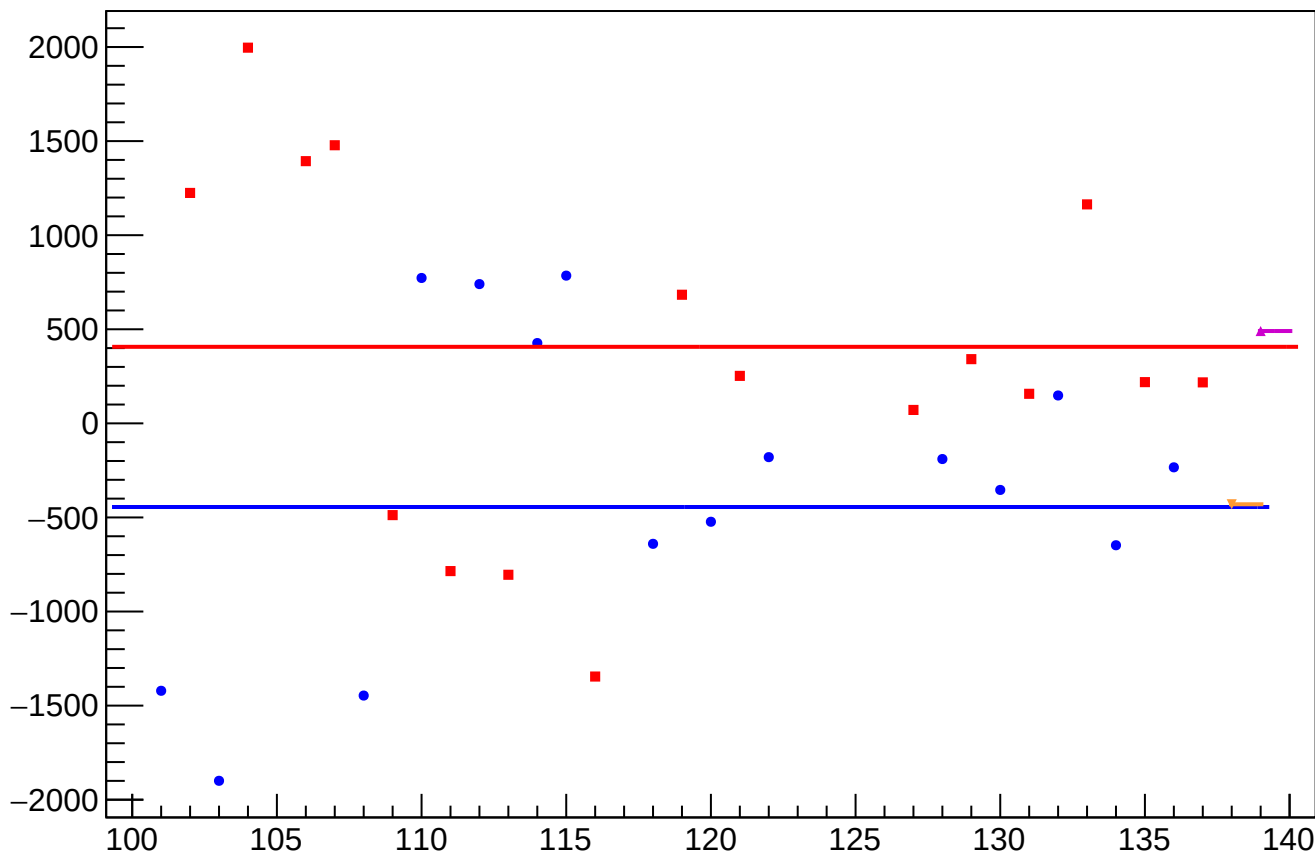
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

-963.615+/-0.000 χ^2/NDF : 7964785888768221

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left Out: -430.018+/-0.000 χ^2/NDF : 252031.6/0

Right Out: 406.729+/-0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15

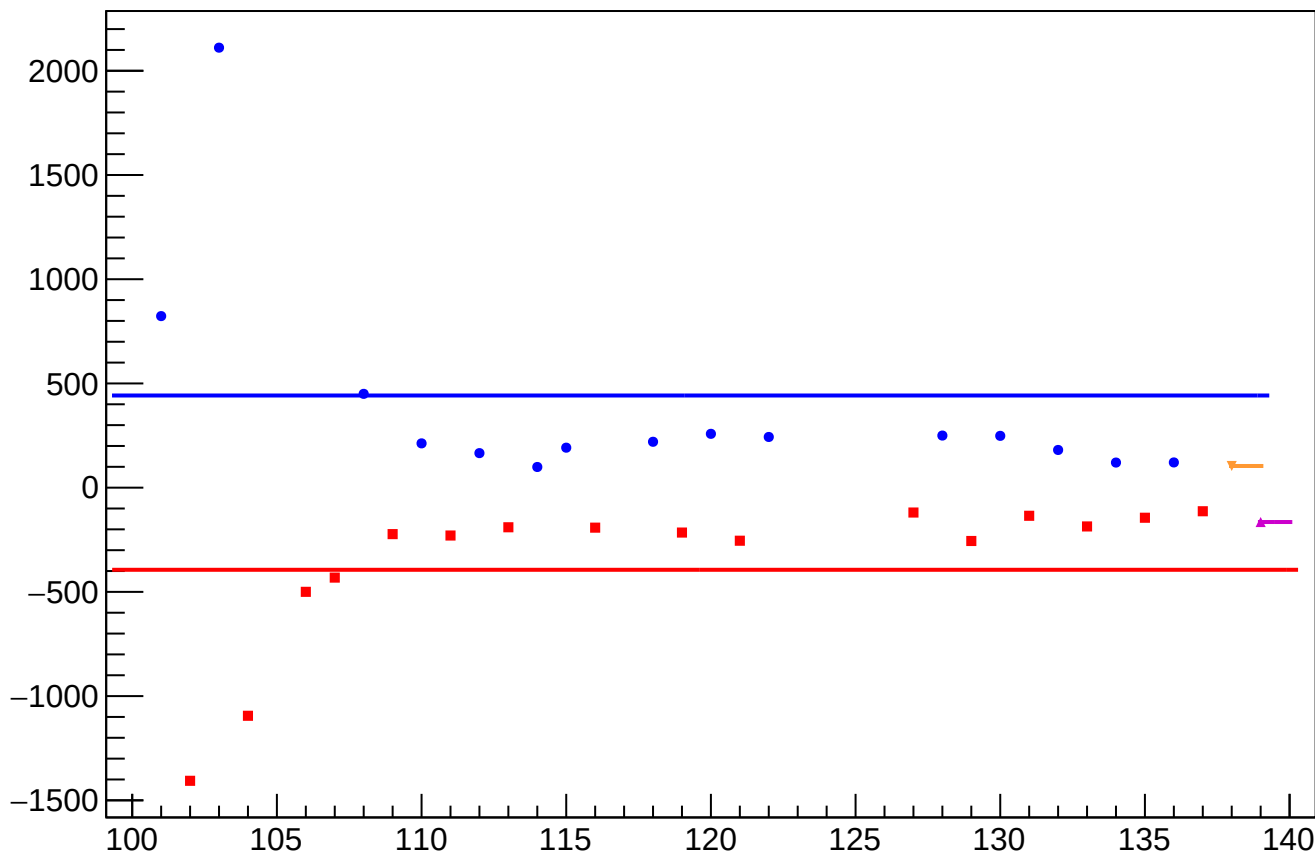
Left In: 490.711+/-0.000 χ^2/NDF : 0.0/0

-442.957+/-0.000 χ^2/NDF : 3964965311540025

-18.501+/-0.000 χ^2/NDF : 118991041587

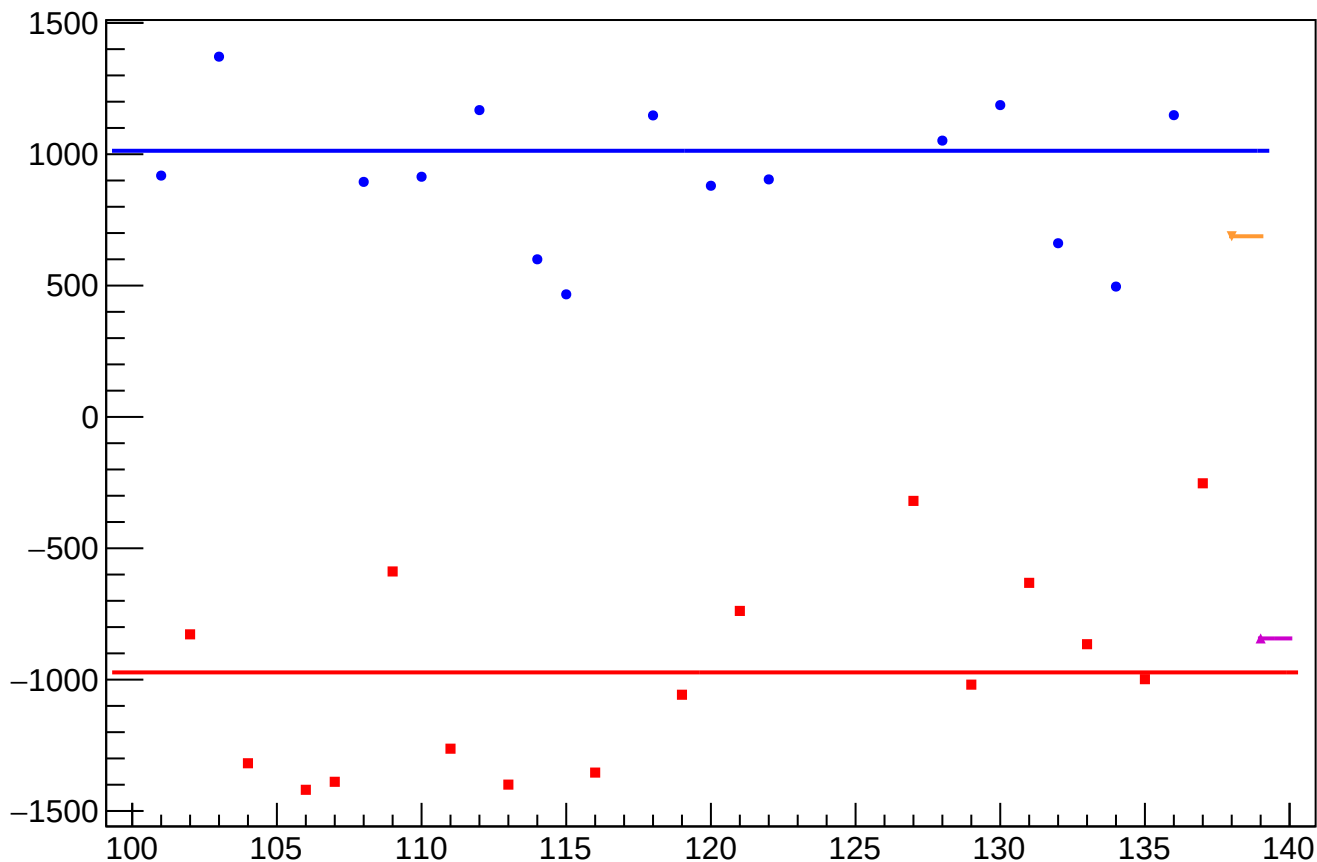
412.477+/-0.000 χ^2/NDF : 52944436329662863

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: -164.821+/-0.000 χ^2/NDF : 0.0/0

dit_usr_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

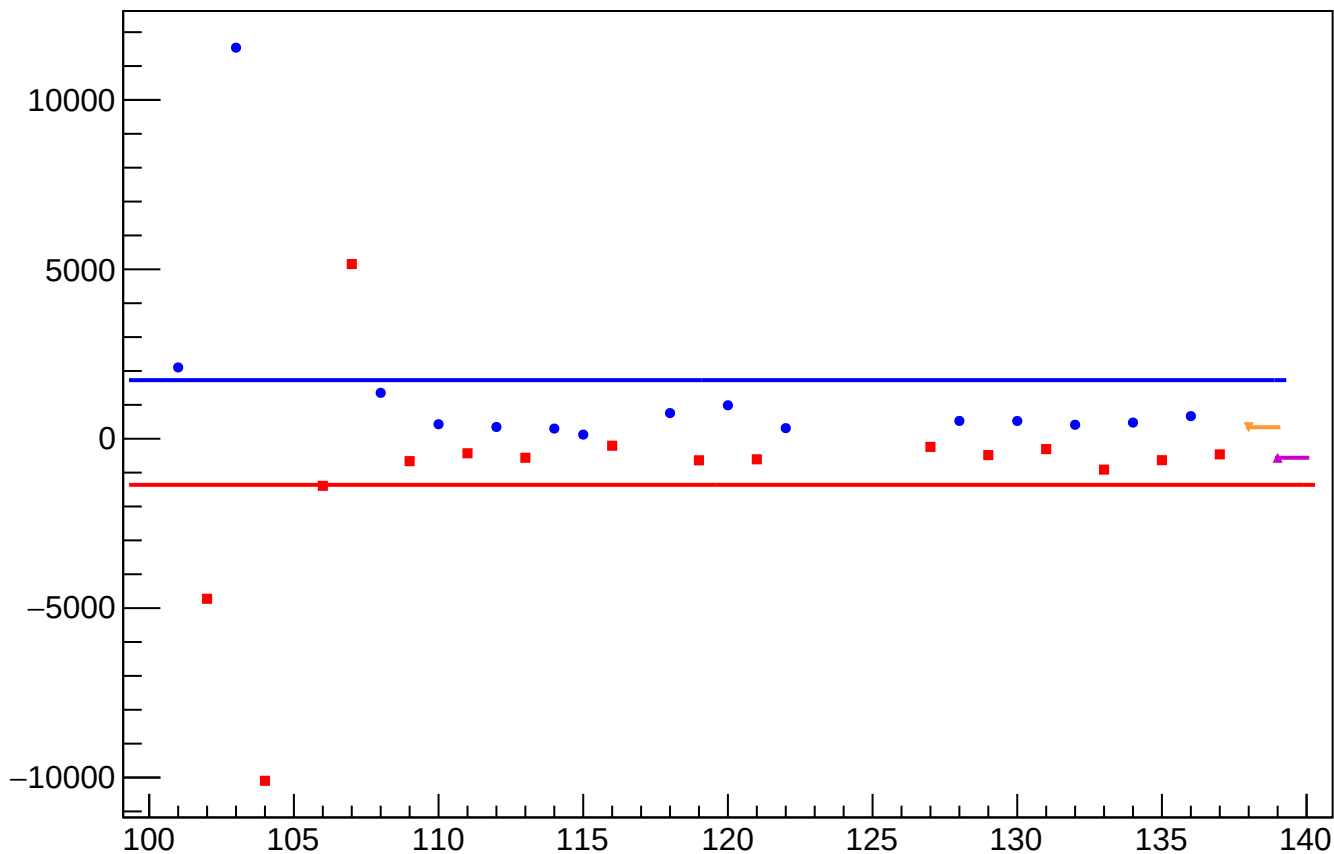
Left In: -843.143 $\pm$ 0.000 χ^2 /NDF: 0.0/0

978.231 $\pm$ 0.000 χ^2 /NDF: 39095487198101157

14.710 $\pm$ 0.000 χ^2 /NDF: 1478967548635

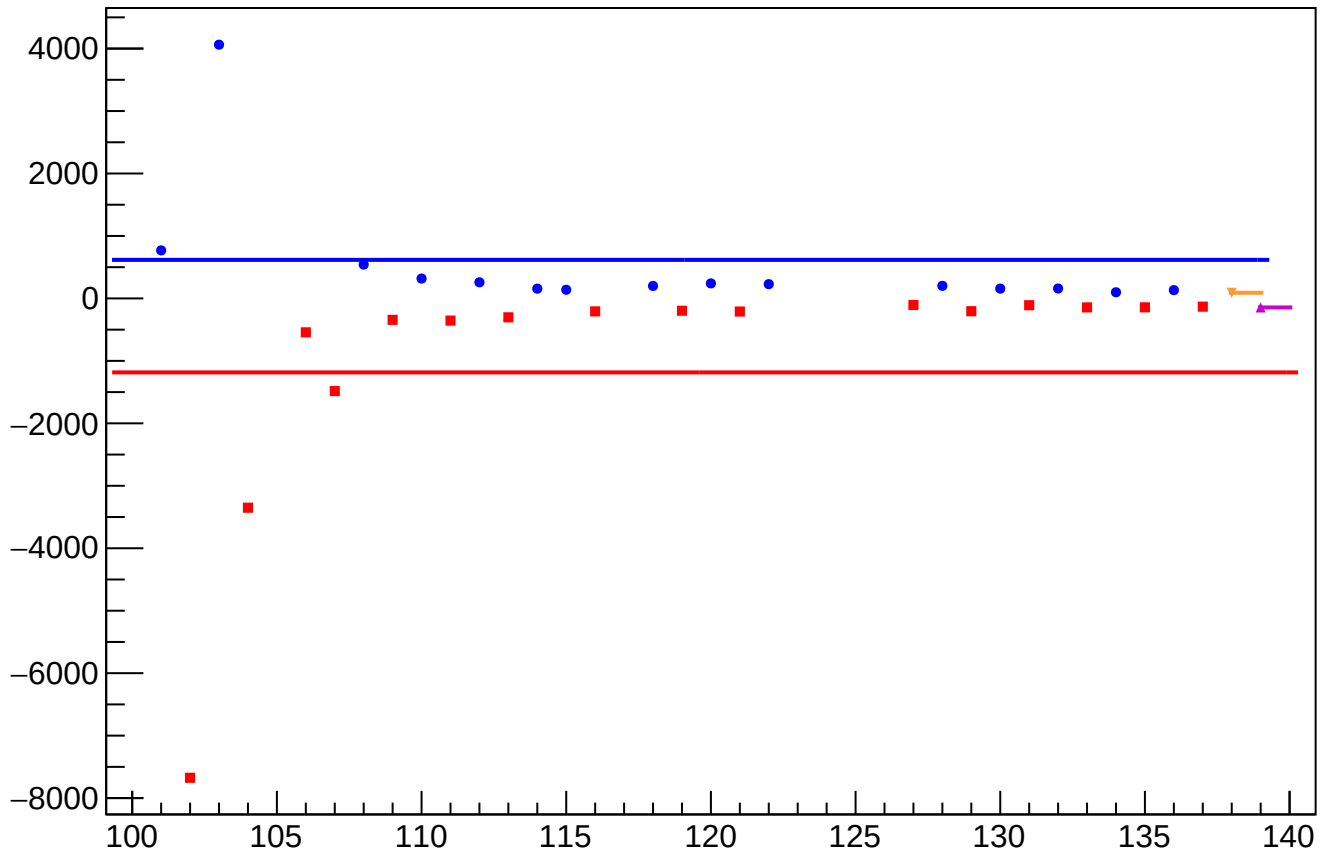
-963.615 $\pm$ 0.000 χ^2 /NDF: 7964785888768221

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: -561.389+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 90.433+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

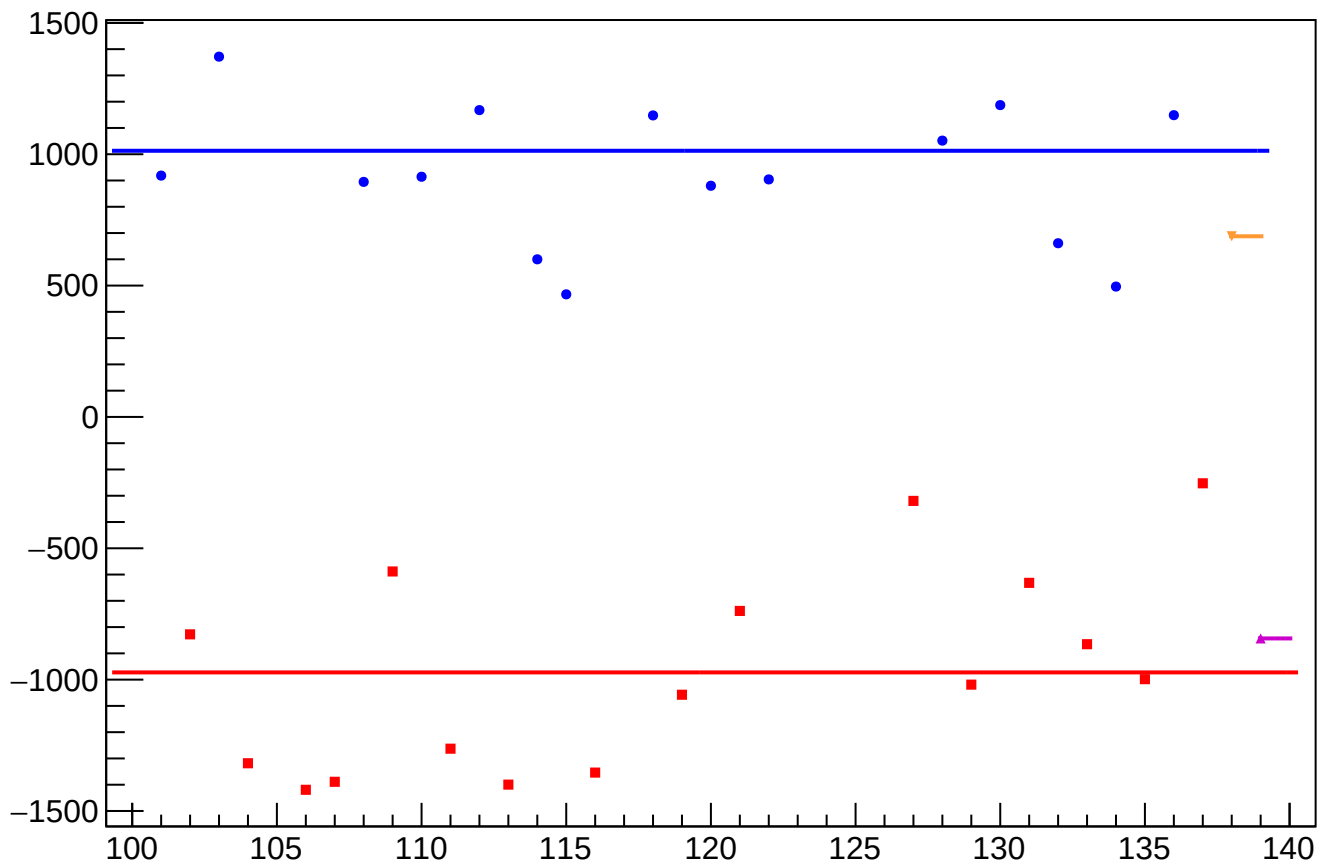
Left In: -144.437+/-0.000 χ^2/NDF : 0.0/0

560.811+/-0.000 χ^2/NDF : 81169804766339623

-269.792+/-0.000 χ^2/NDF : 50393041626

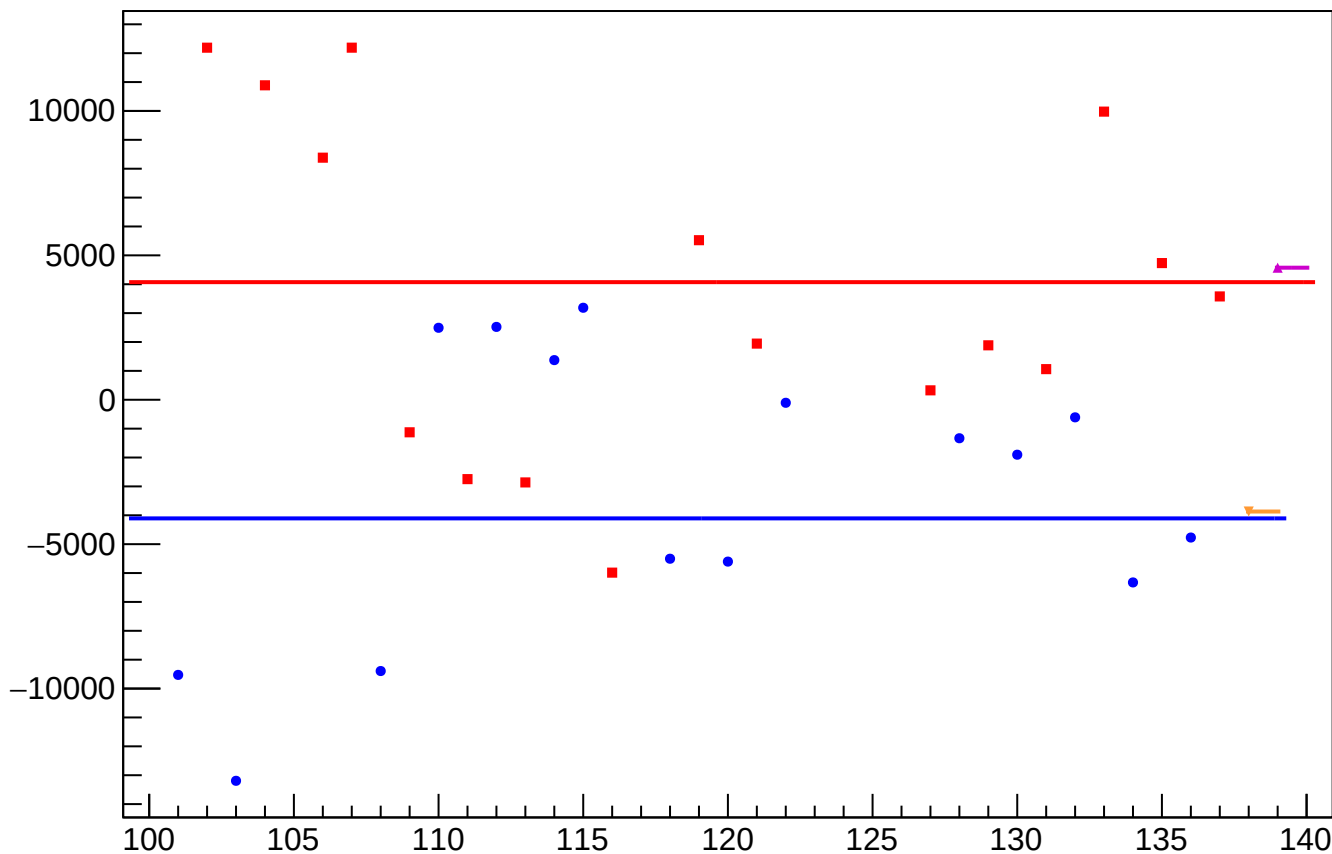
-1113.156+/-0.000 χ^2/NDF : 321678348042630

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



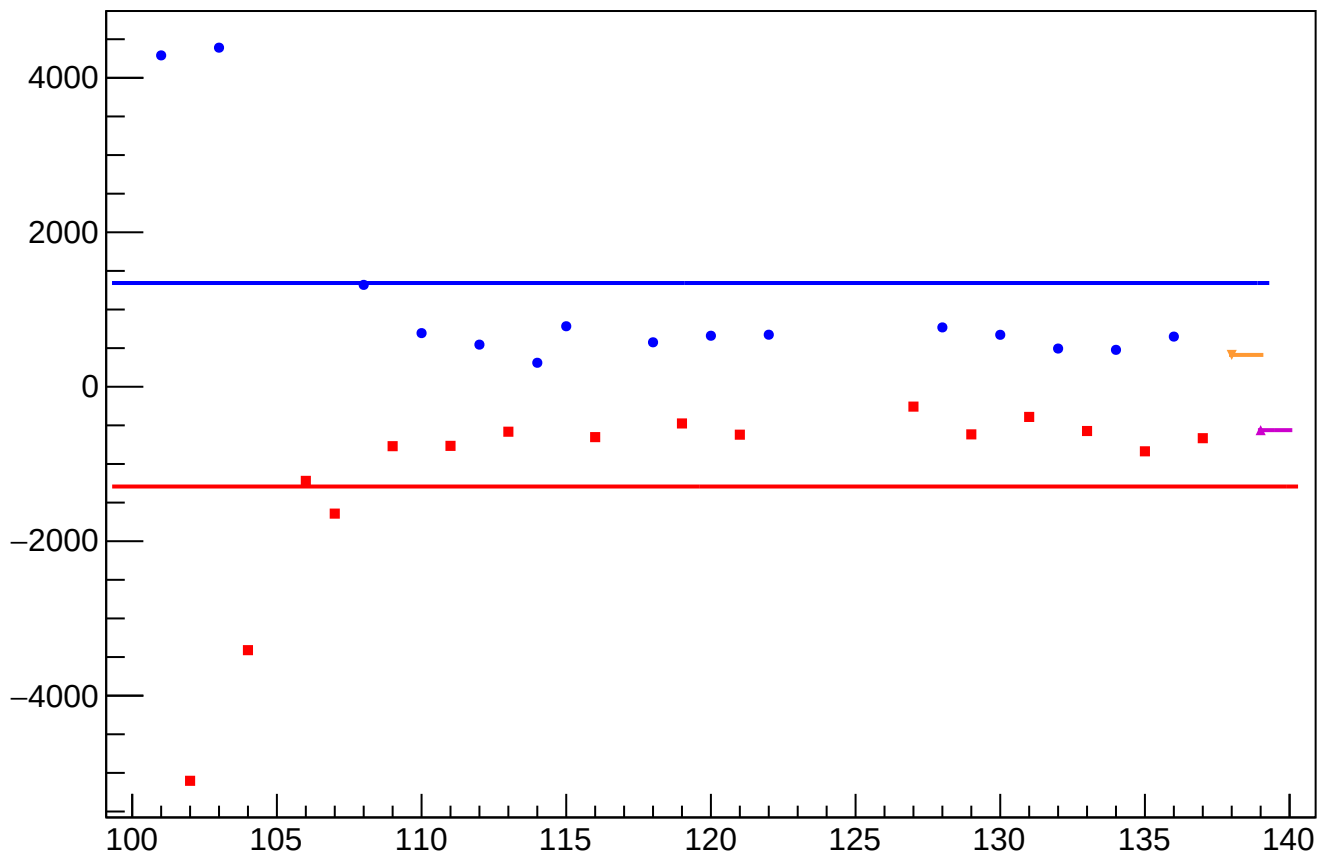
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



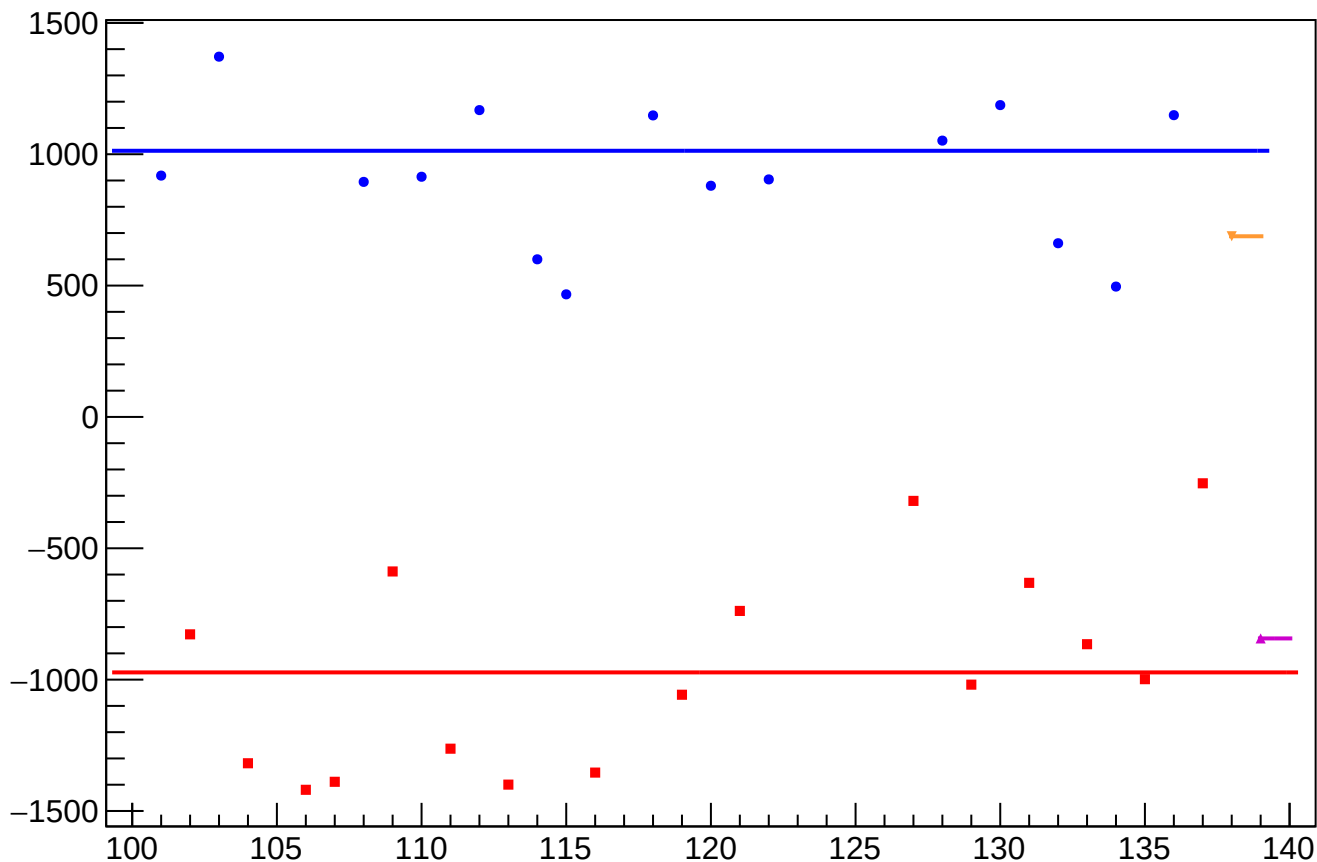
Right In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -3869.841+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 4072.120+/-0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: 4572.570+/-0.000 χ^2/NDF : 0.0/0

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: -561.852+/-0.000 χ^2/NDF : 0.0/0

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

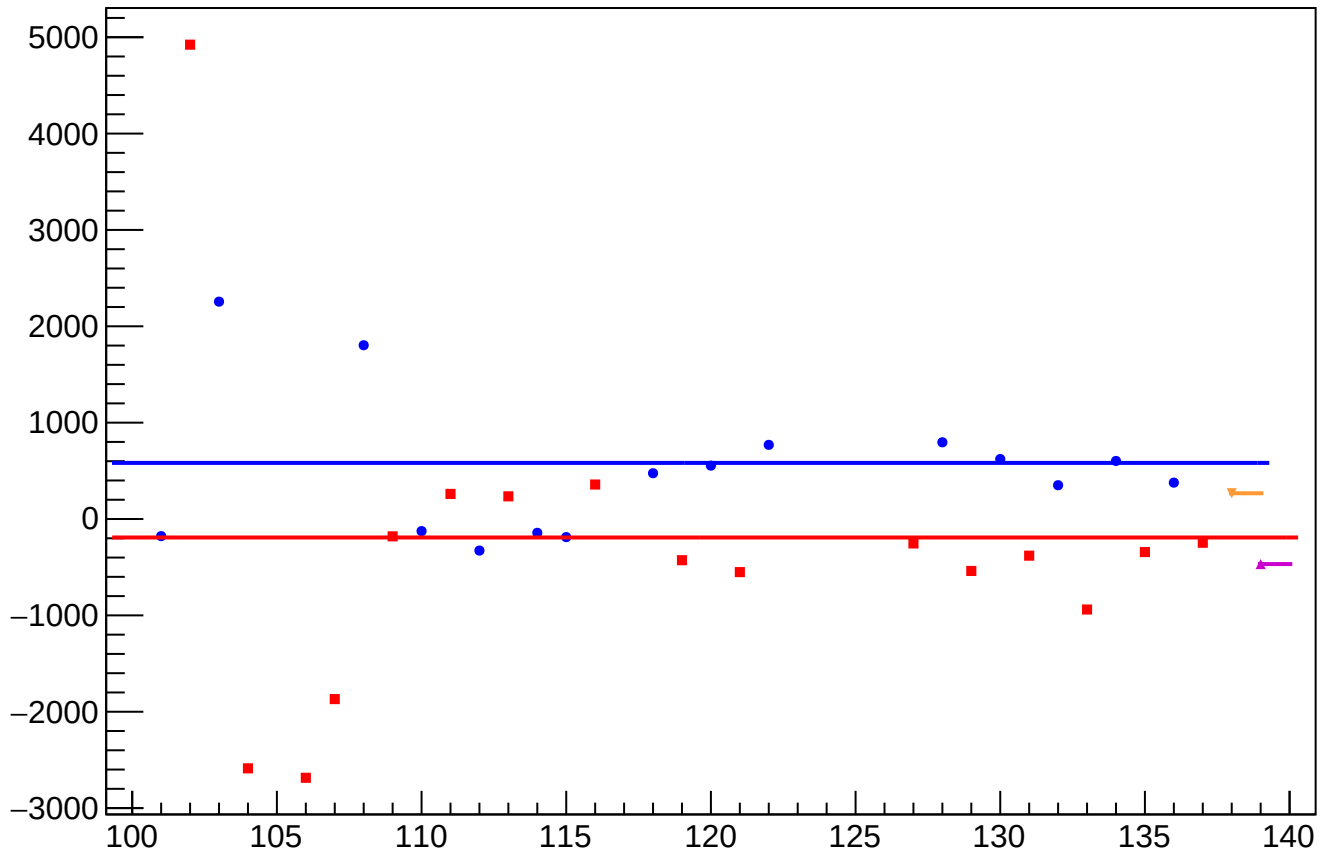
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

-963.615+/-0.000 χ^2/NDF : 7964785888768221

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

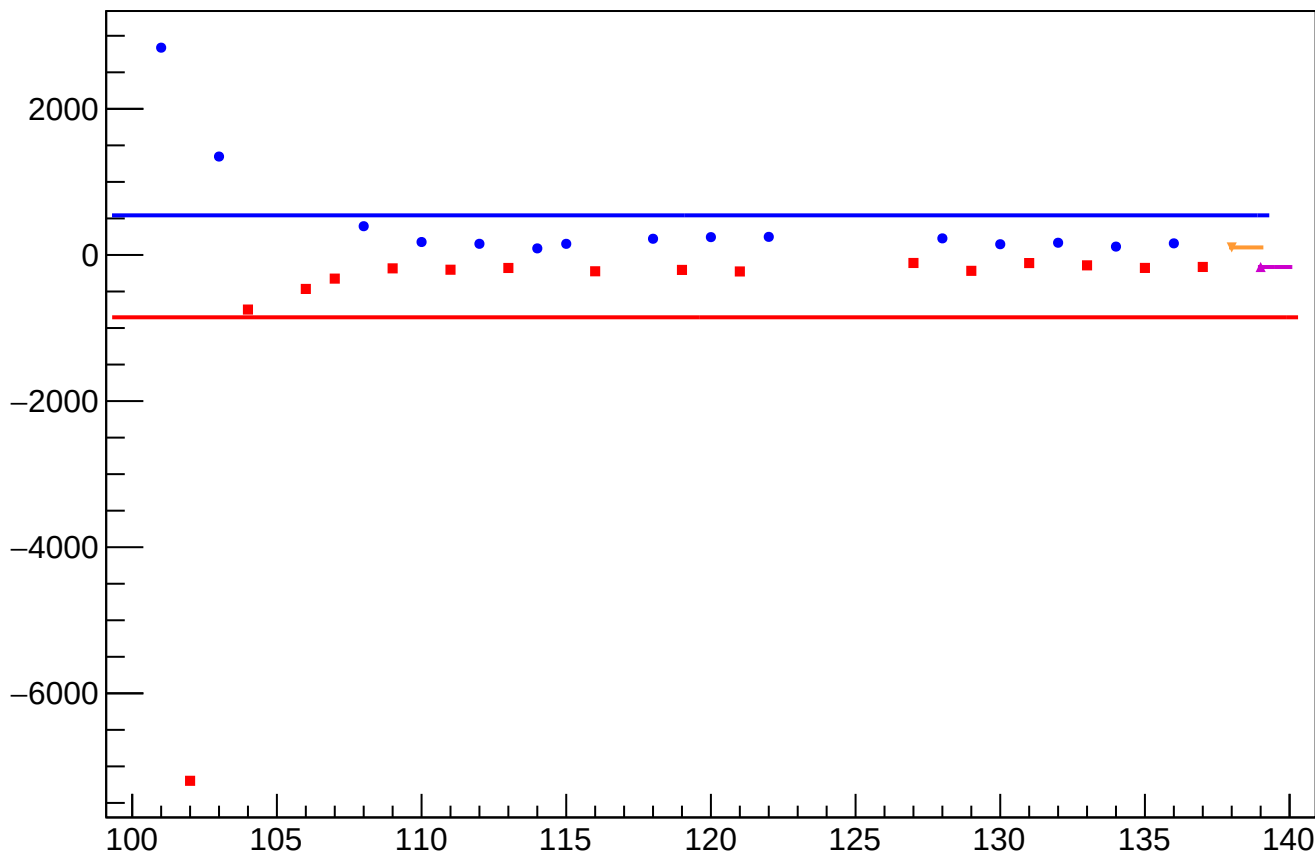
Left In: -467.555+/-0.000 χ^2/NDF : 633310.2/0

548.575+/-0.000 χ^2/NDF : 34571313698523960

171.944+/-0.000 χ^2/NDF : 272578742401

-210.473+/-0.000 χ^2/NDF : 2172238494008640

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

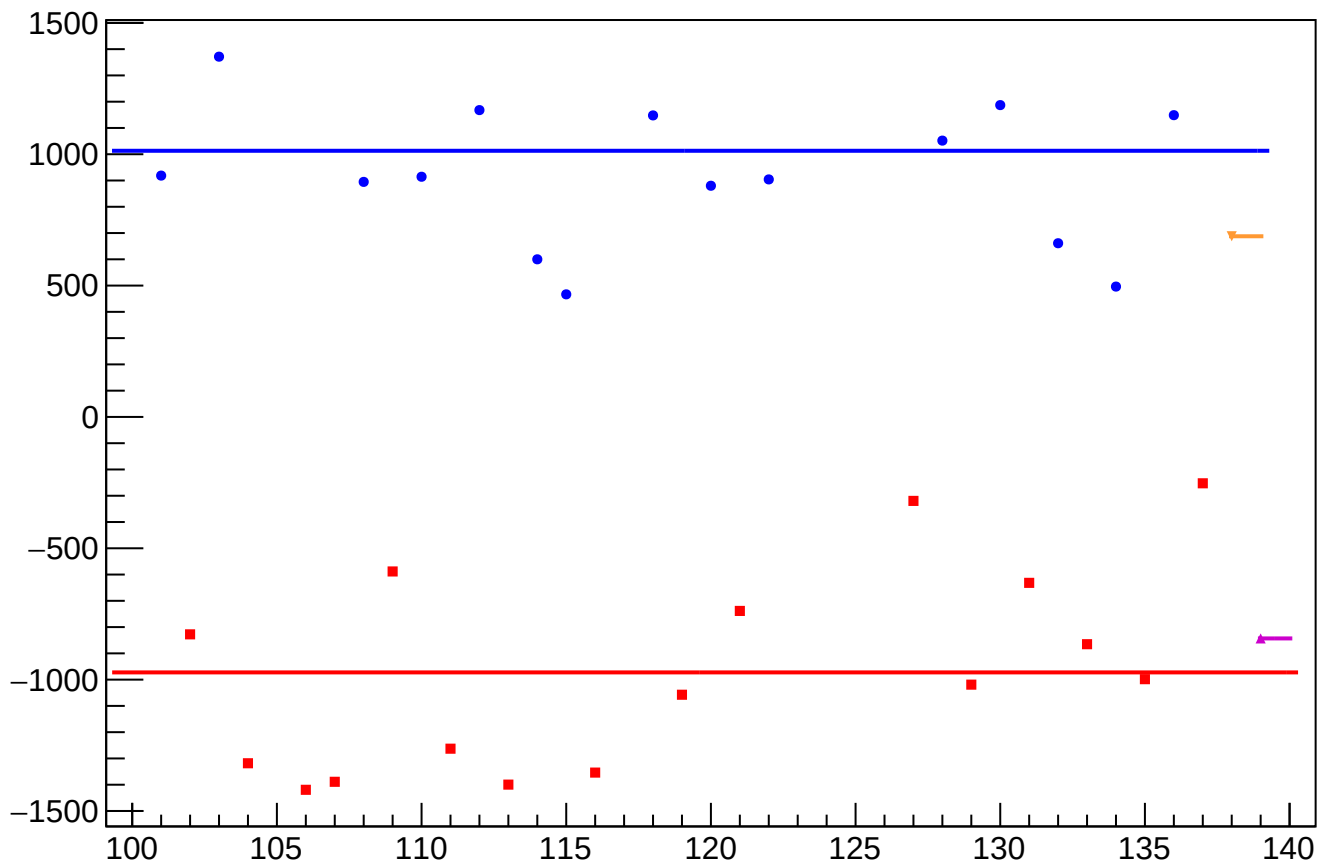
Left In: -164.913+/-0.000 χ^2/NDF : 0.0/0

495.207+/-0.000 χ^2/NDF : 42780985016374407

-150.486+/-0.000 χ^2/NDF : 36343688949

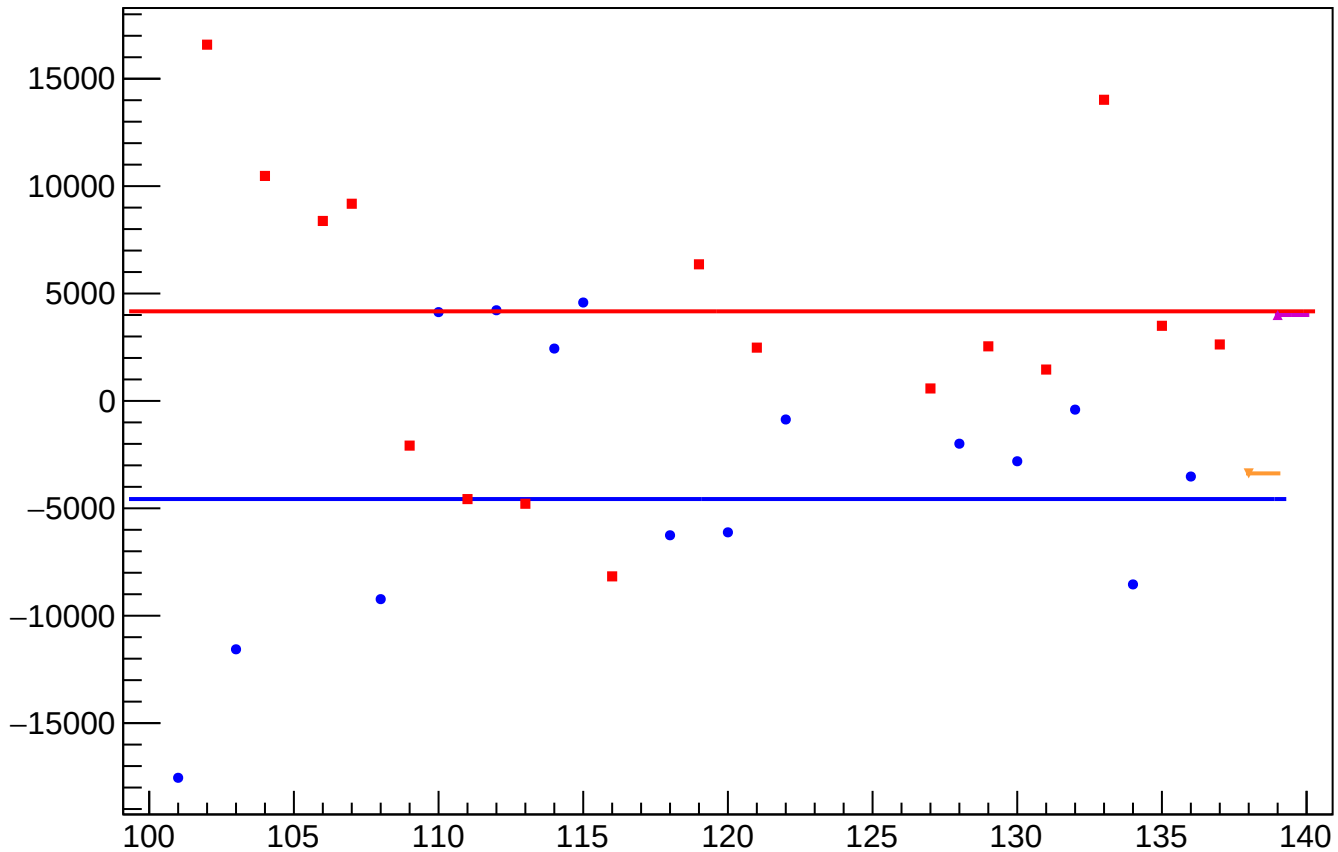
-806.100+/-0.000 χ^2/NDF : 2595701193405892

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



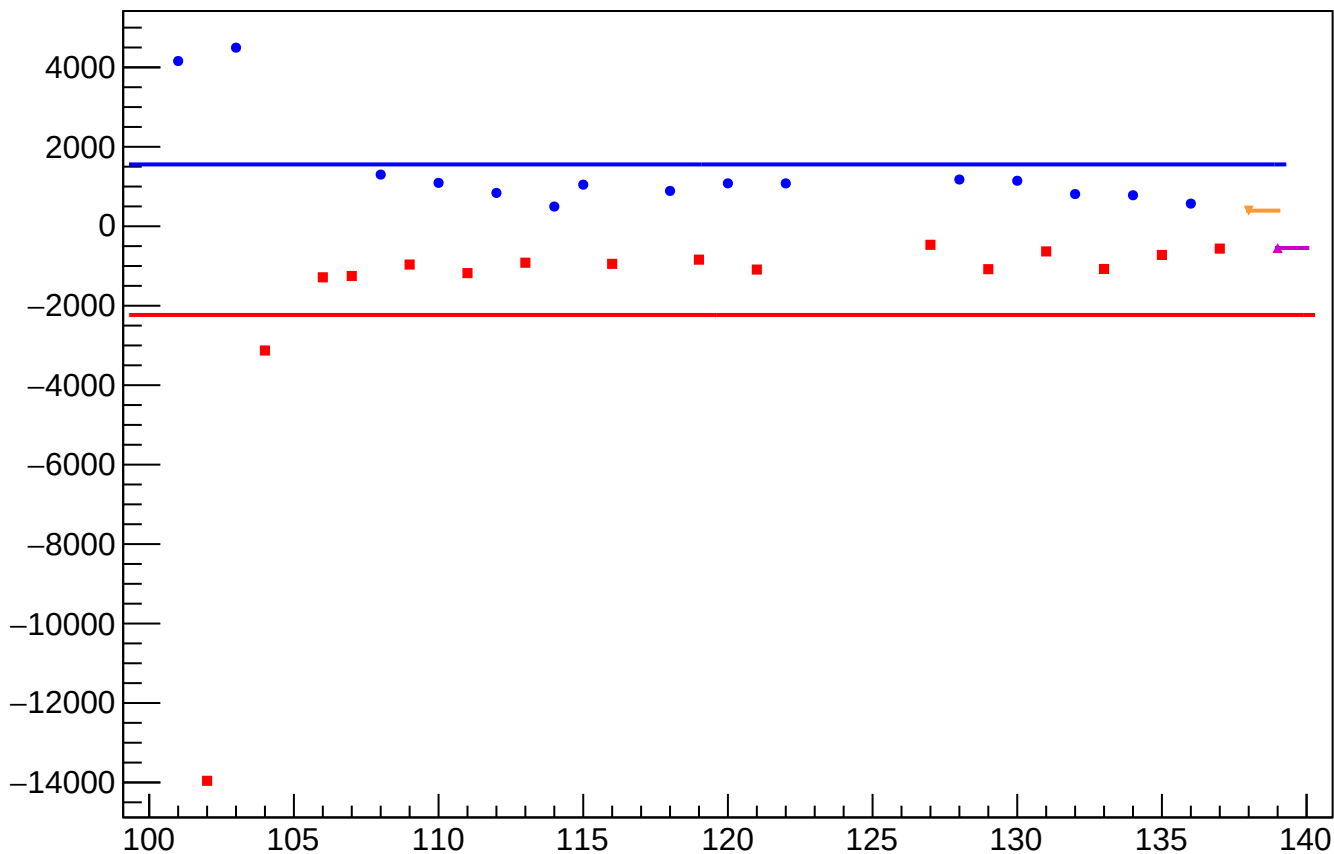
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4568.297+/-0.000 χ^2/NDF : 24195052148165719540713110921977756909568.0/14
 Left Out: -3373.921+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 4170.773+/-0.000 χ^2/NDF : 30967248832187912041113909559481103024128.0/15
 Left In: 4000.149+/-0.000 χ^2/NDF : 10132962.5/0

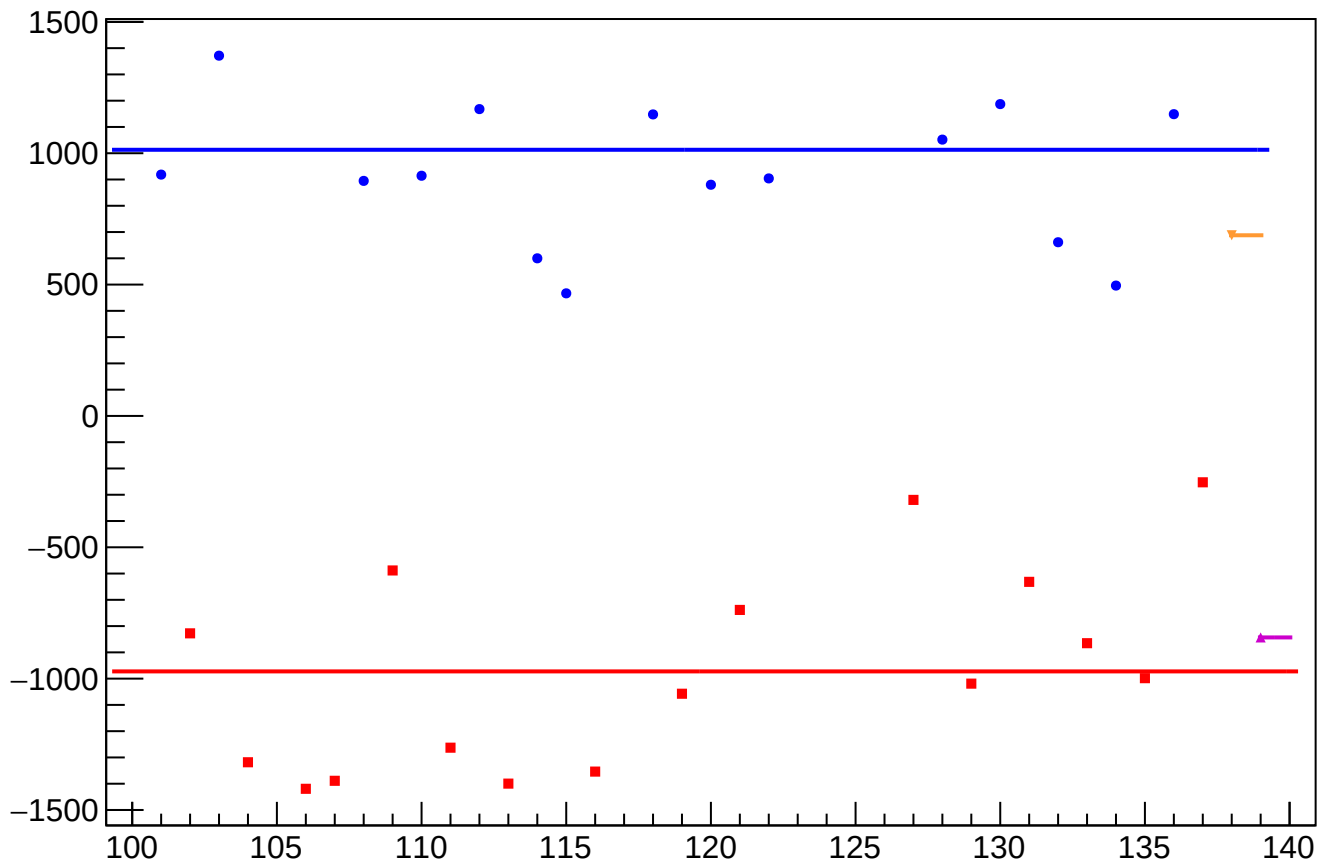
dit_atr2_coil6_err_mean vs Slug, Sign Corrected



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: -546.860+/-0.000 χ^2/NDF : 0.0/0

1431.957+/-0.000 χ^2/NDF : 1233586949916468
-329.074+/-0.000 χ^2/NDF : 148975135190
-2117.161+/-0.000 χ^2/NDF : 912009830478470

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

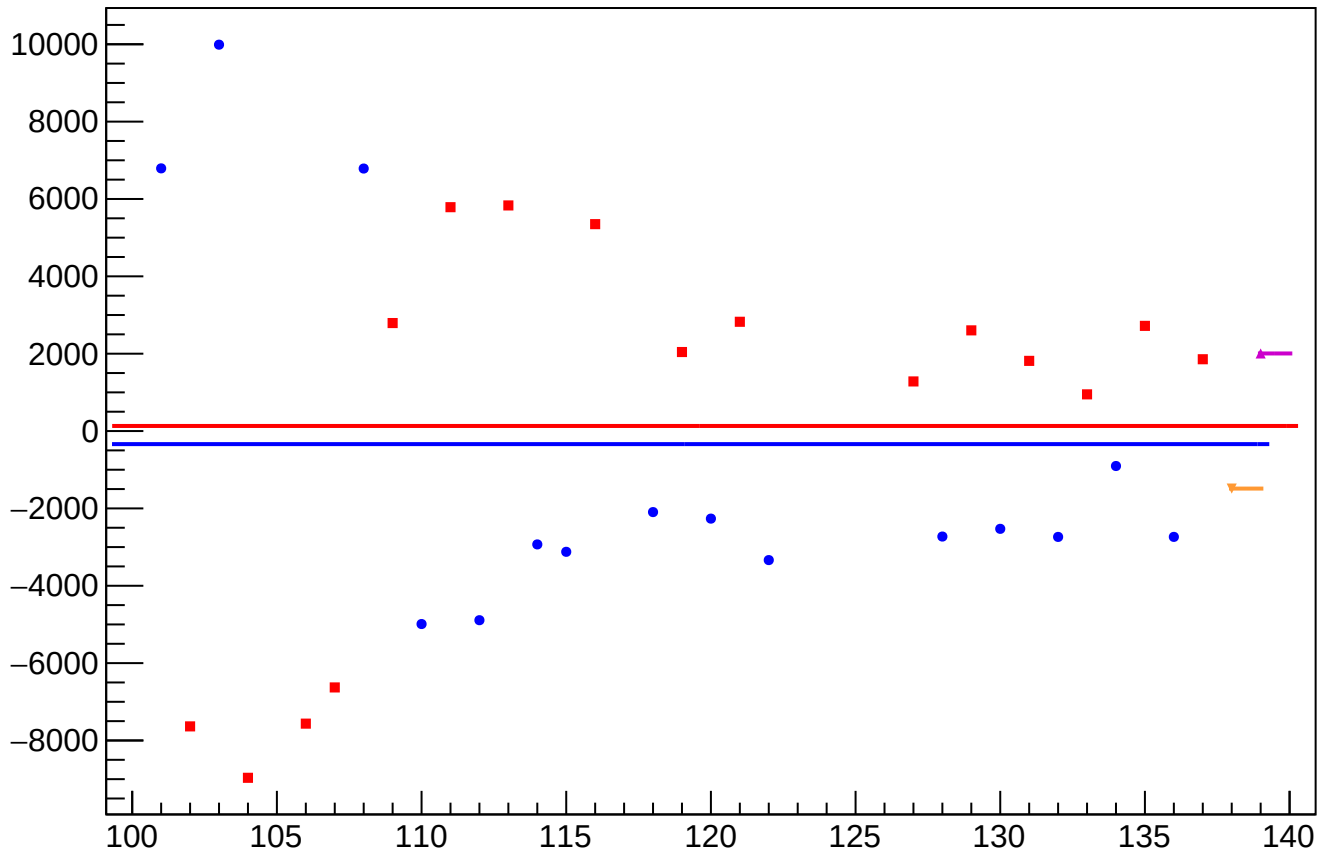
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

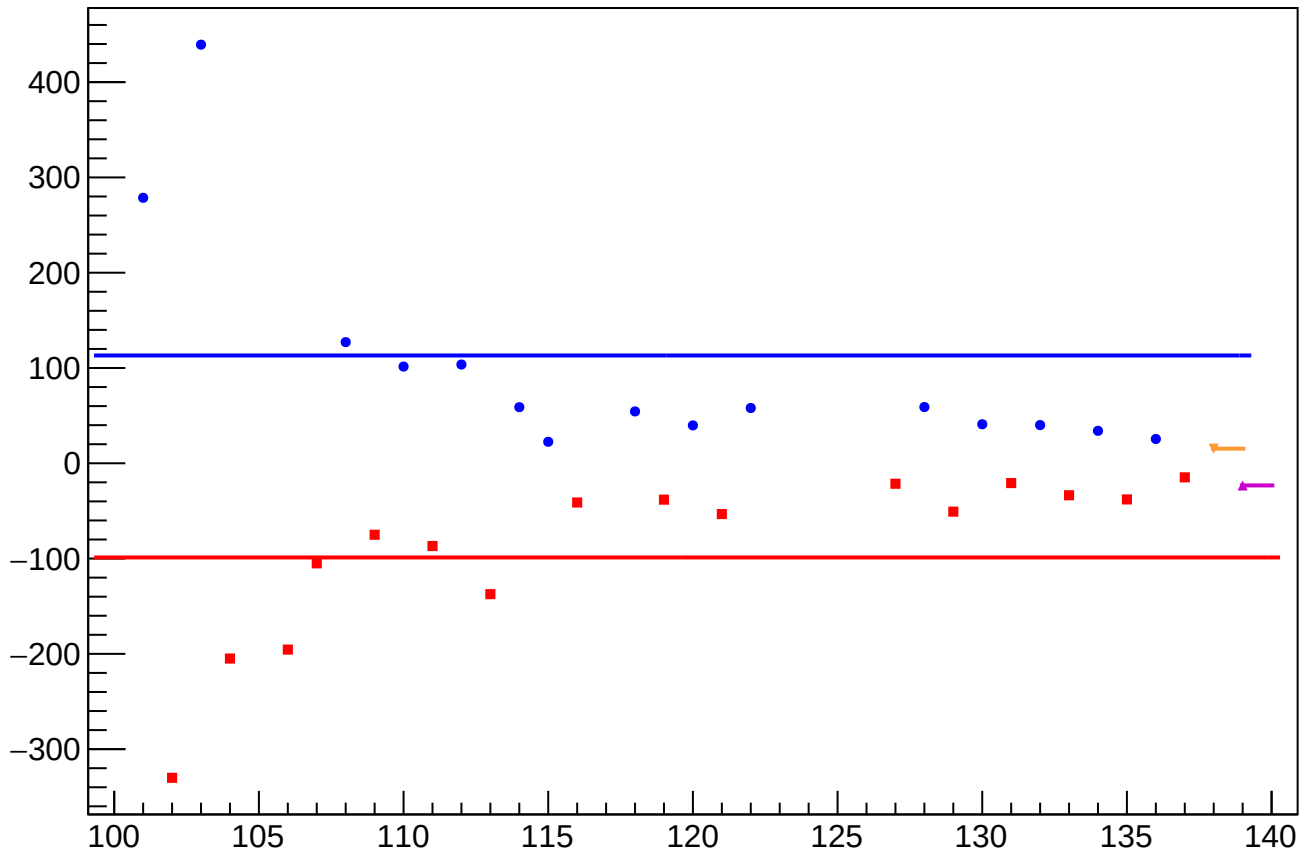
-963.615+/-0.000 χ^2/NDF : 7964785888768221

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: 2005.928 ± 0.000 χ^2/NDF : 2533240.6/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14

Left Out: 15.339+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15

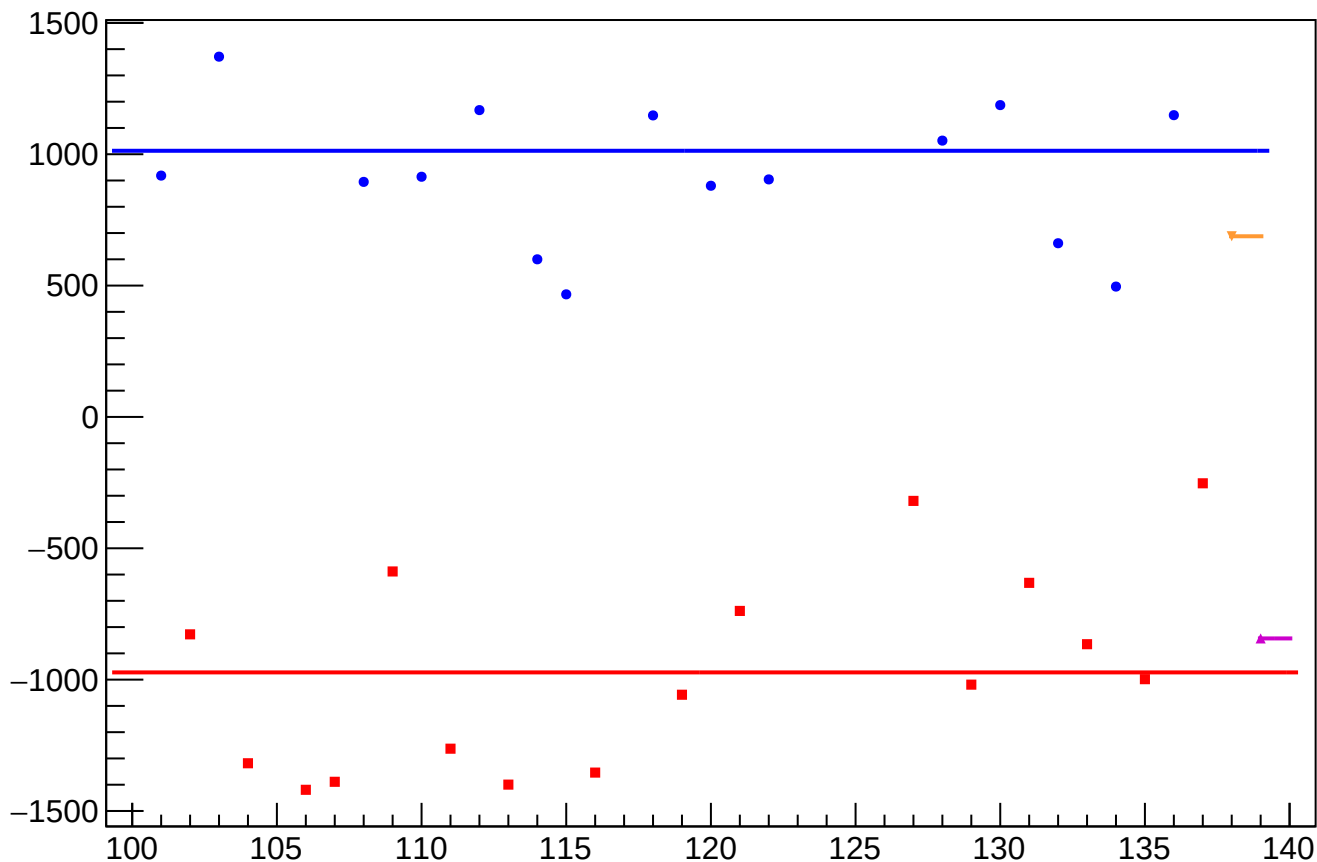
Left In: -23.260+/-0.000 χ^2/NDF : 0.0/0

102.641+/-0.000 χ^2/NDF : 10655583615137619

5.238+/-0.000 χ^2/NDF : 30327209451759

-93.661+/-0.000 χ^2/NDF : 57710683805676975

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

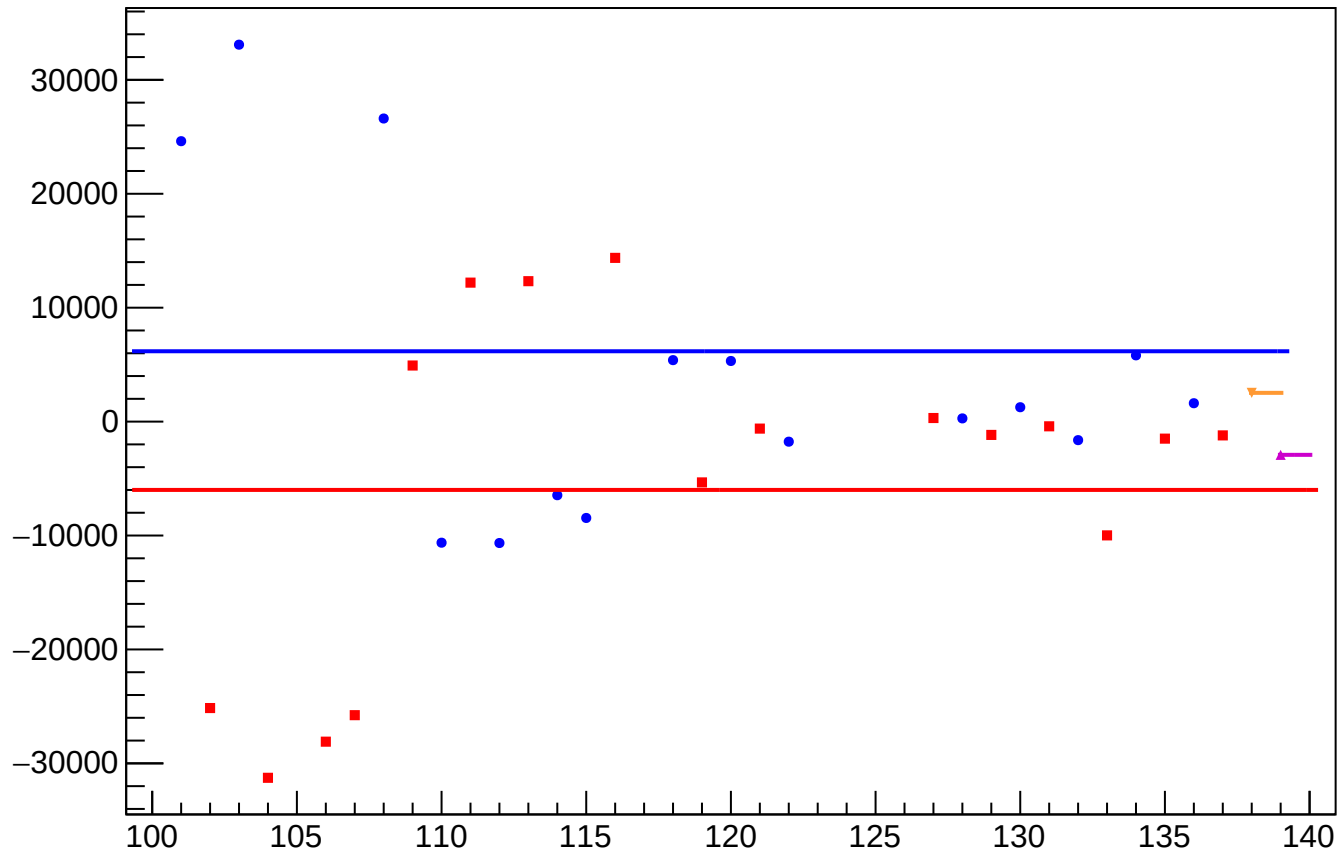
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

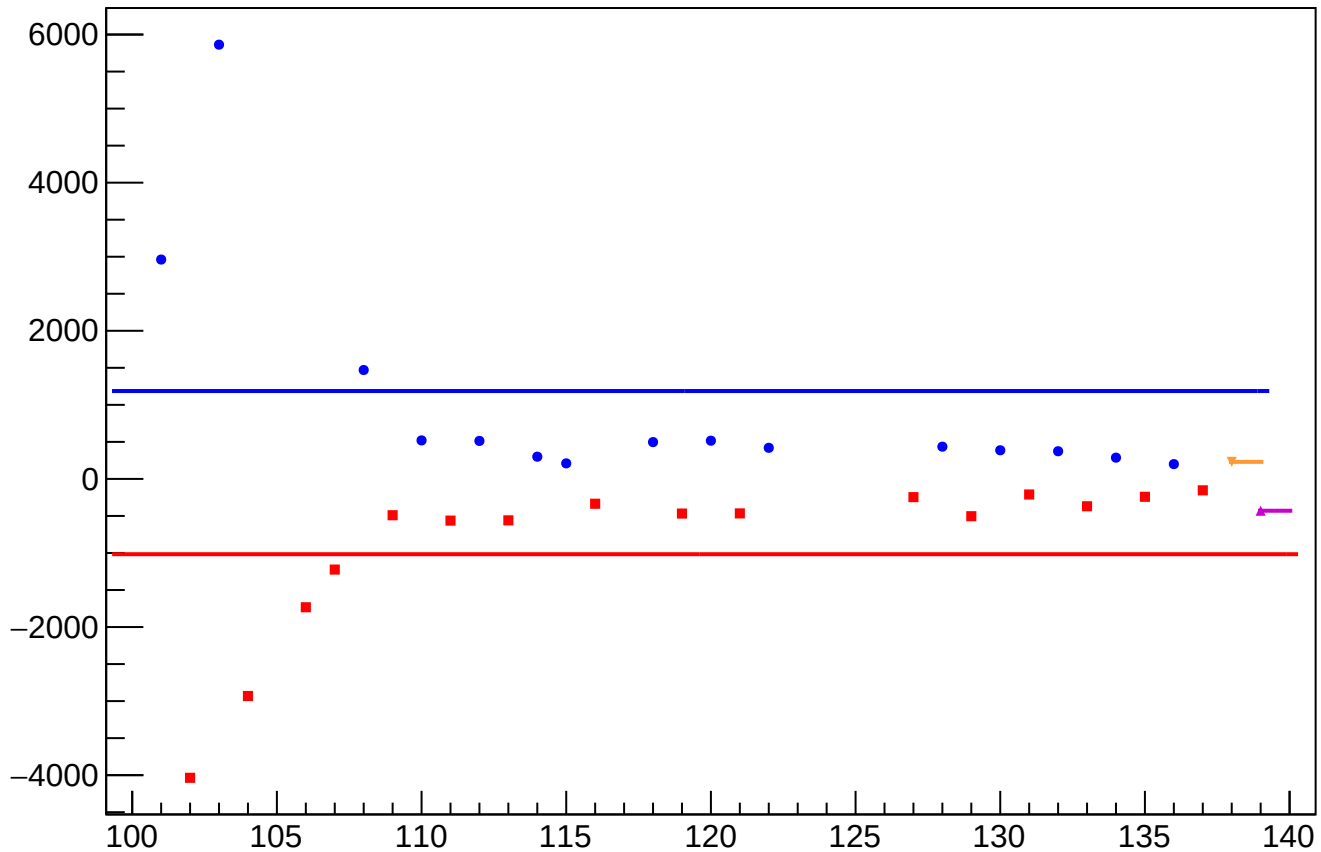
-963.615+/-0.000 χ^2/NDF : 7964785888768221

dit_sam2_coil6_mean vs Slug, Sign Corrected



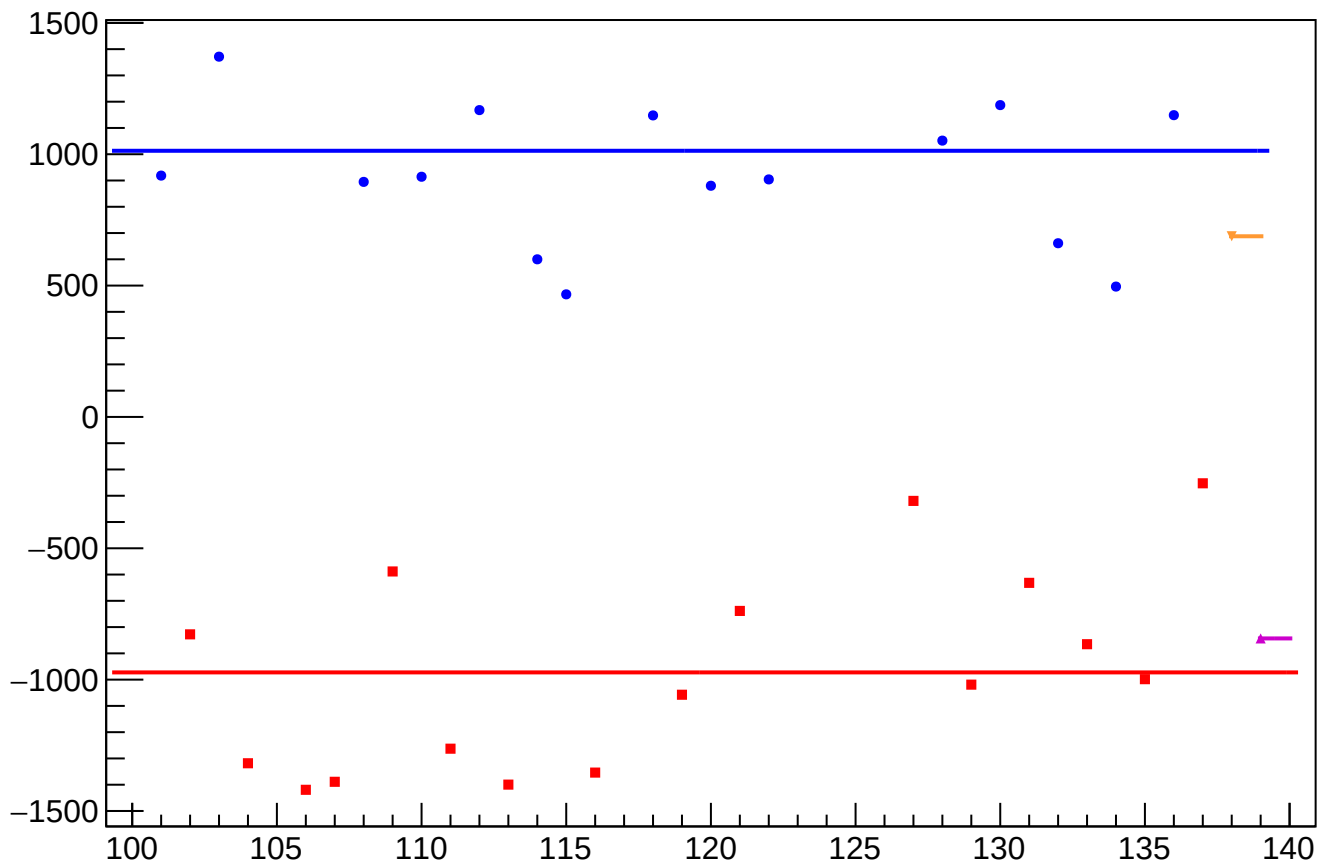
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 2524.357+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: -2917.577+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 230.260 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: -429.701 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

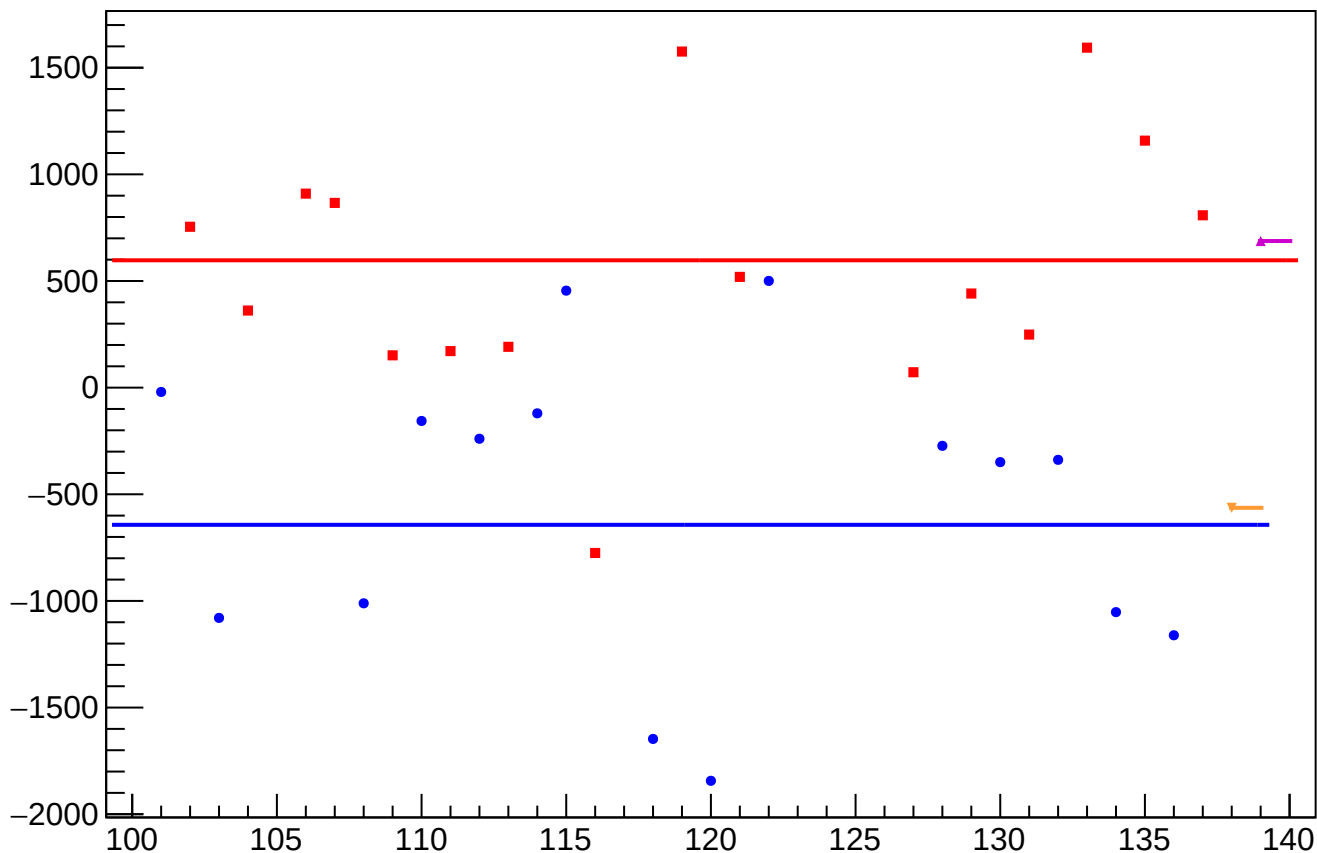
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

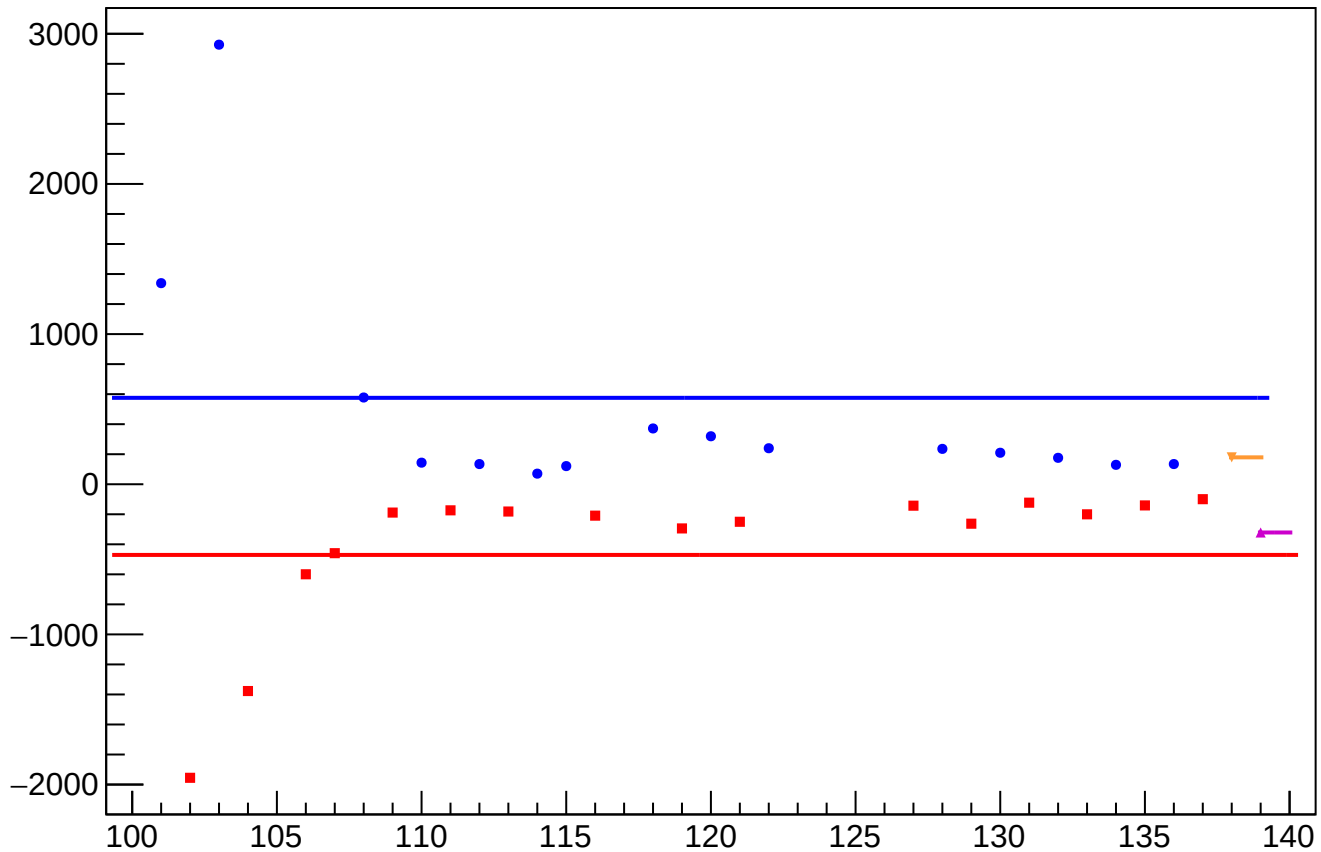
-963.615+/-0.000 χ^2/NDF : 7964785888768221

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: 687.401+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



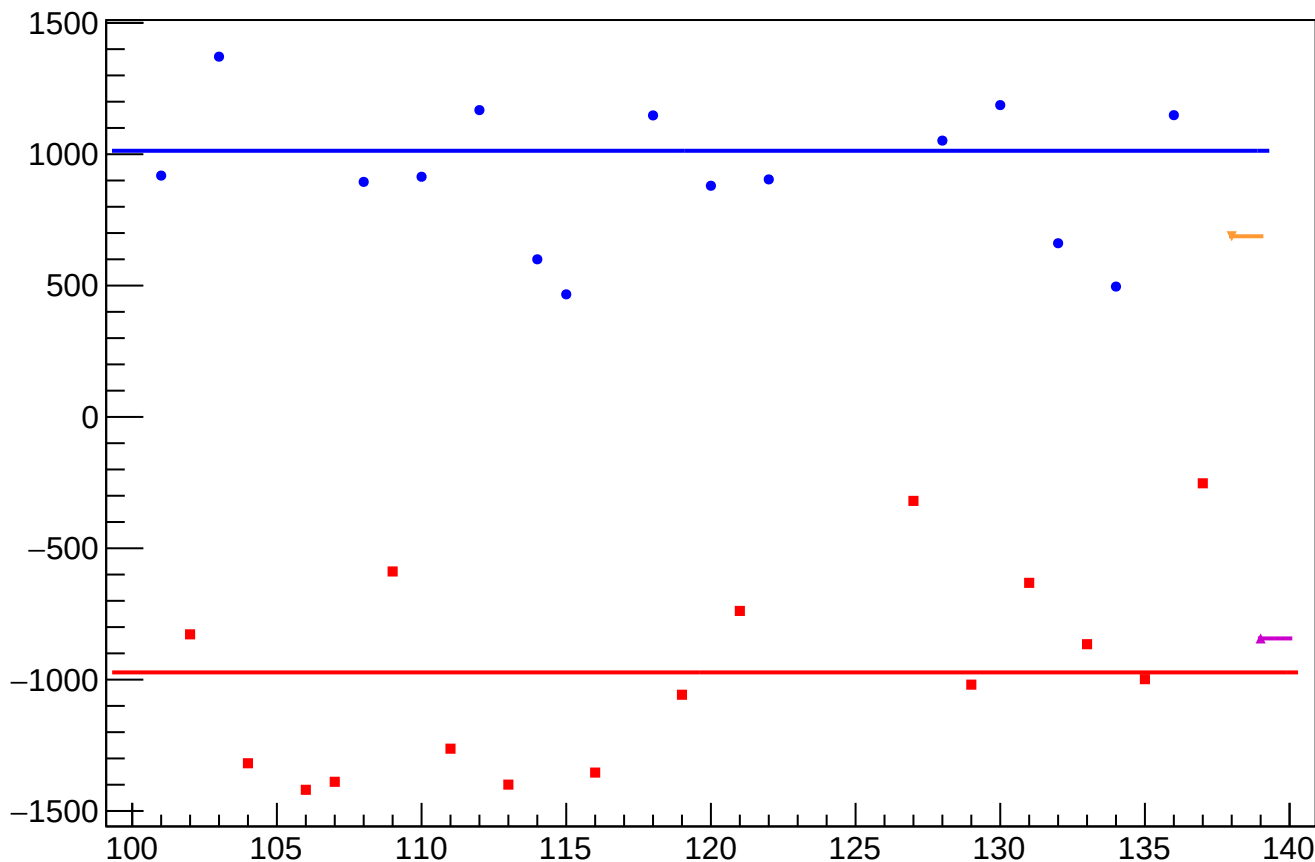
Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 179.094+/-0.000 χ^2/NDF : 63007.9/0

Right Out: -470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

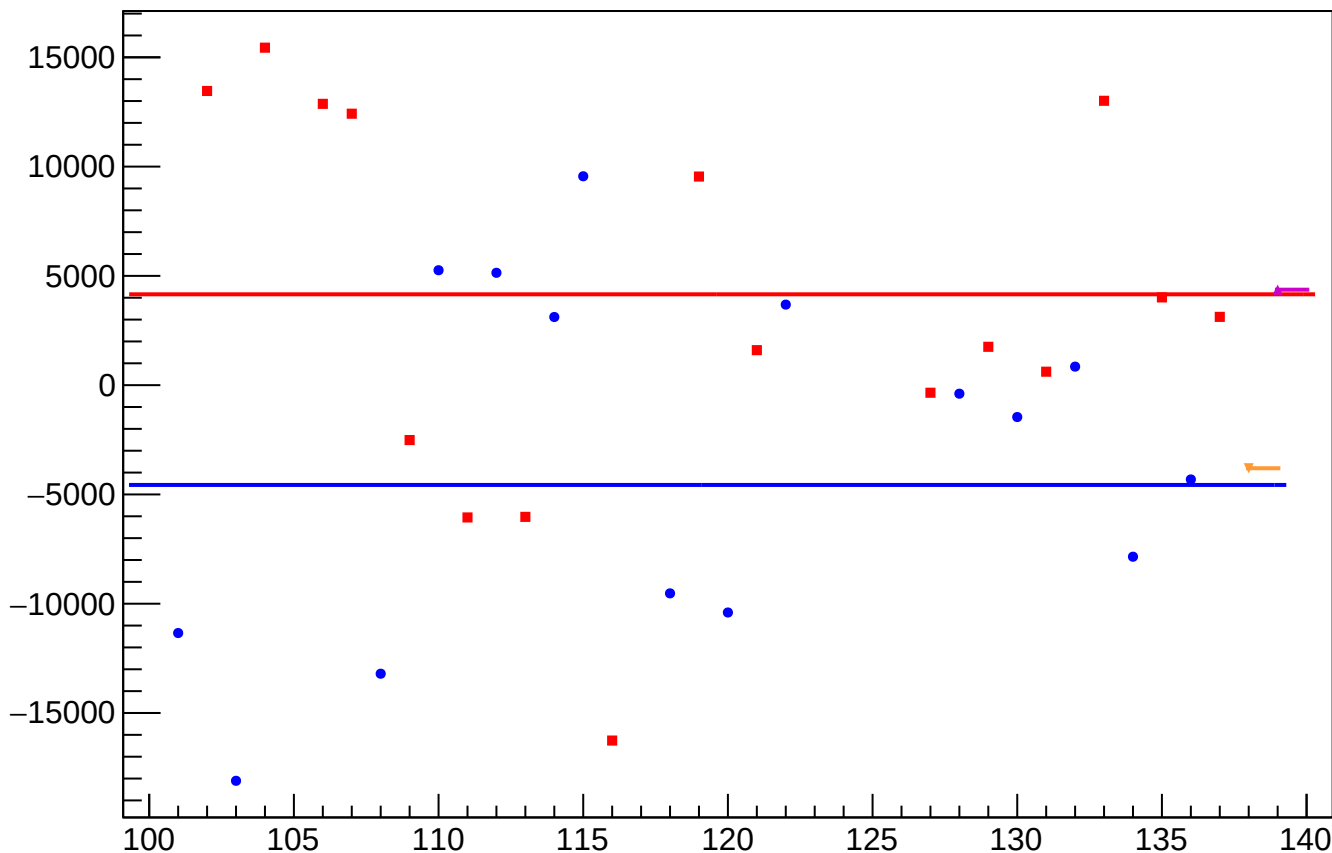
Left In: -321.296+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



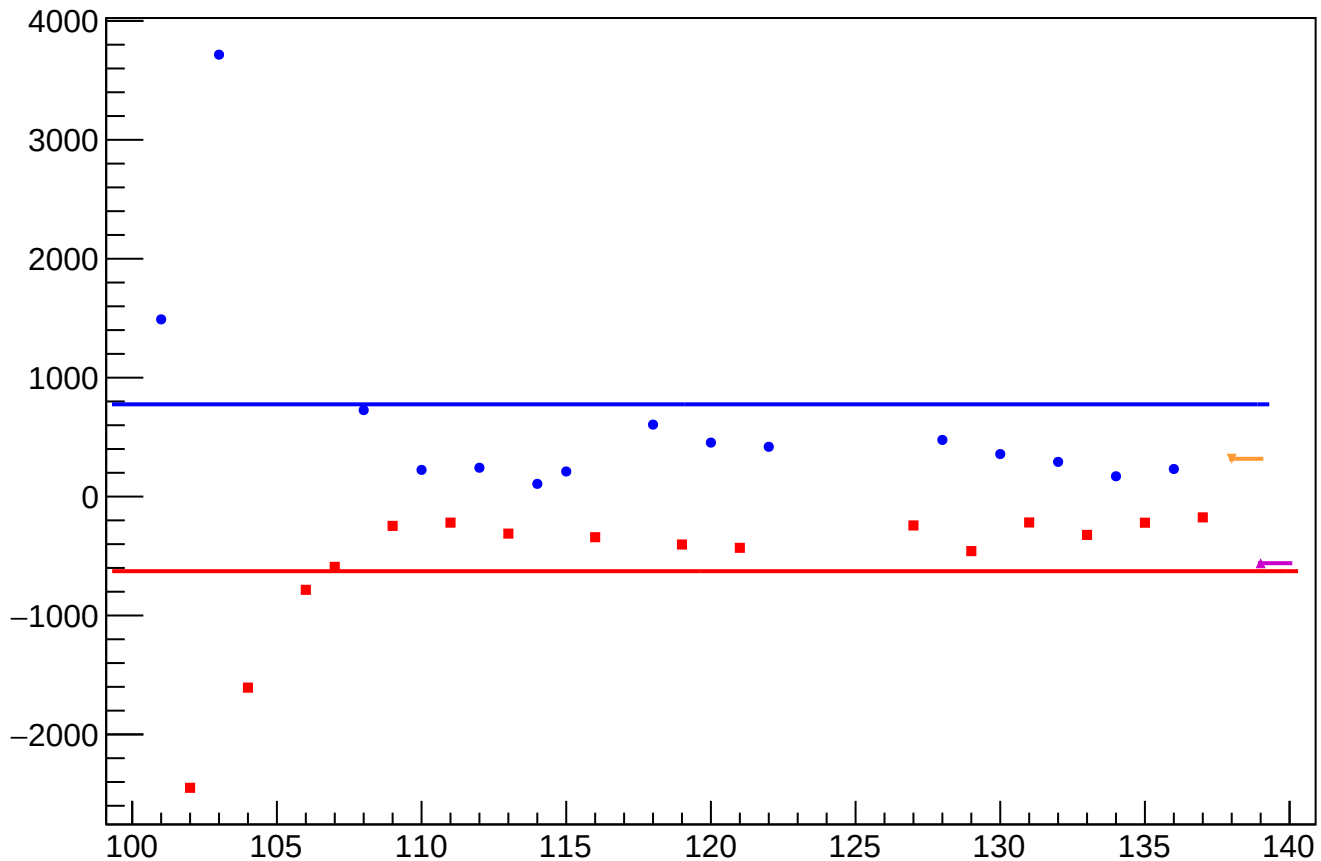
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412+/-0.000 χ^2/NDF : 35667768247432289984899042725155487875072.0/14
 Left Out: -3801.420+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 4156.859+/-0.000 χ^2/NDF : 45539455441659927157708443099930682195968.0/15
 Left In: 4368.020+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 317.715+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

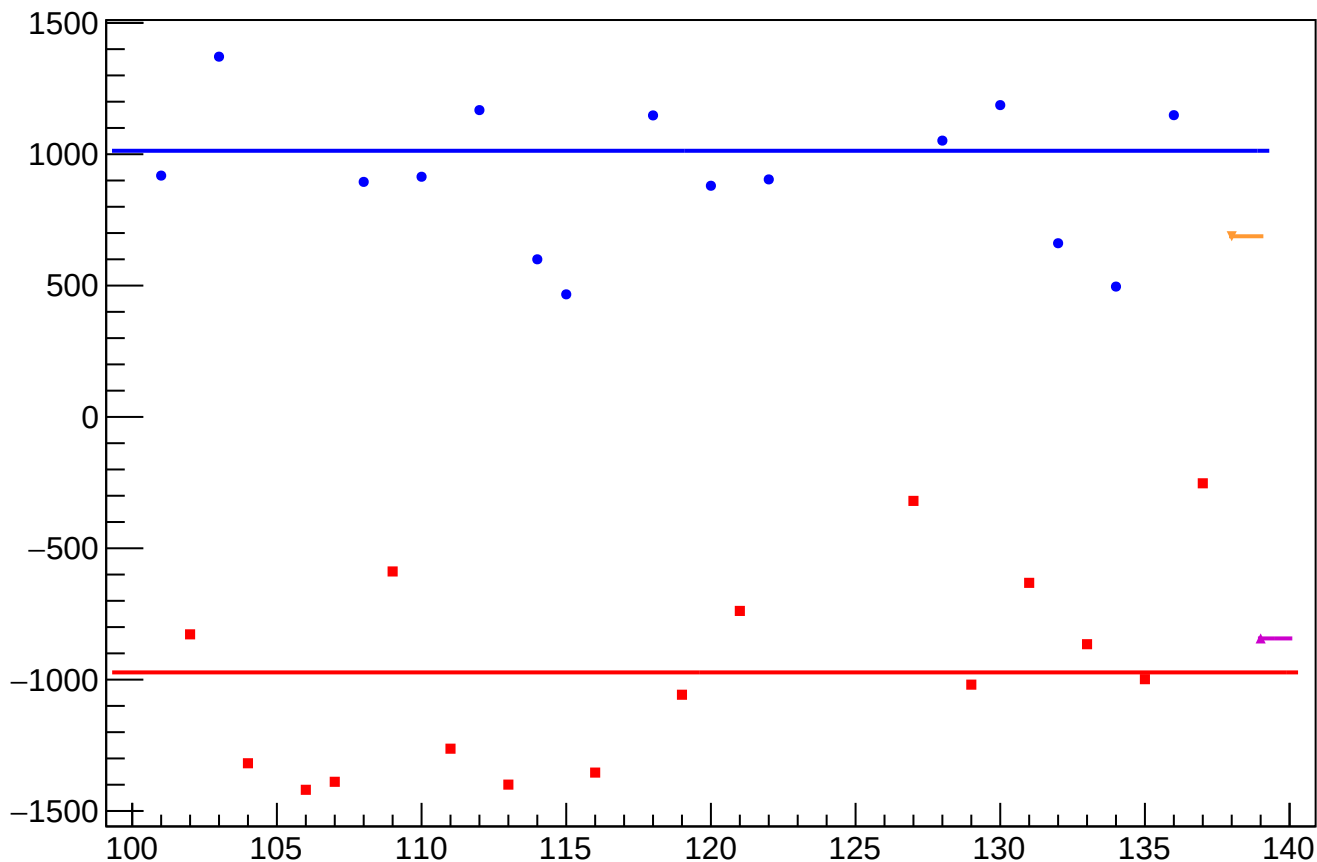
Left In: -560.115+/-0.000 χ^2/NDF : 0.0/0

726.674+/-0.000 χ^2/NDF : 65646983036727294

57.122+/-0.000 χ^2/NDF : 1611027807213

-622.716+/-0.000 χ^2/NDF : 2977238057362094

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

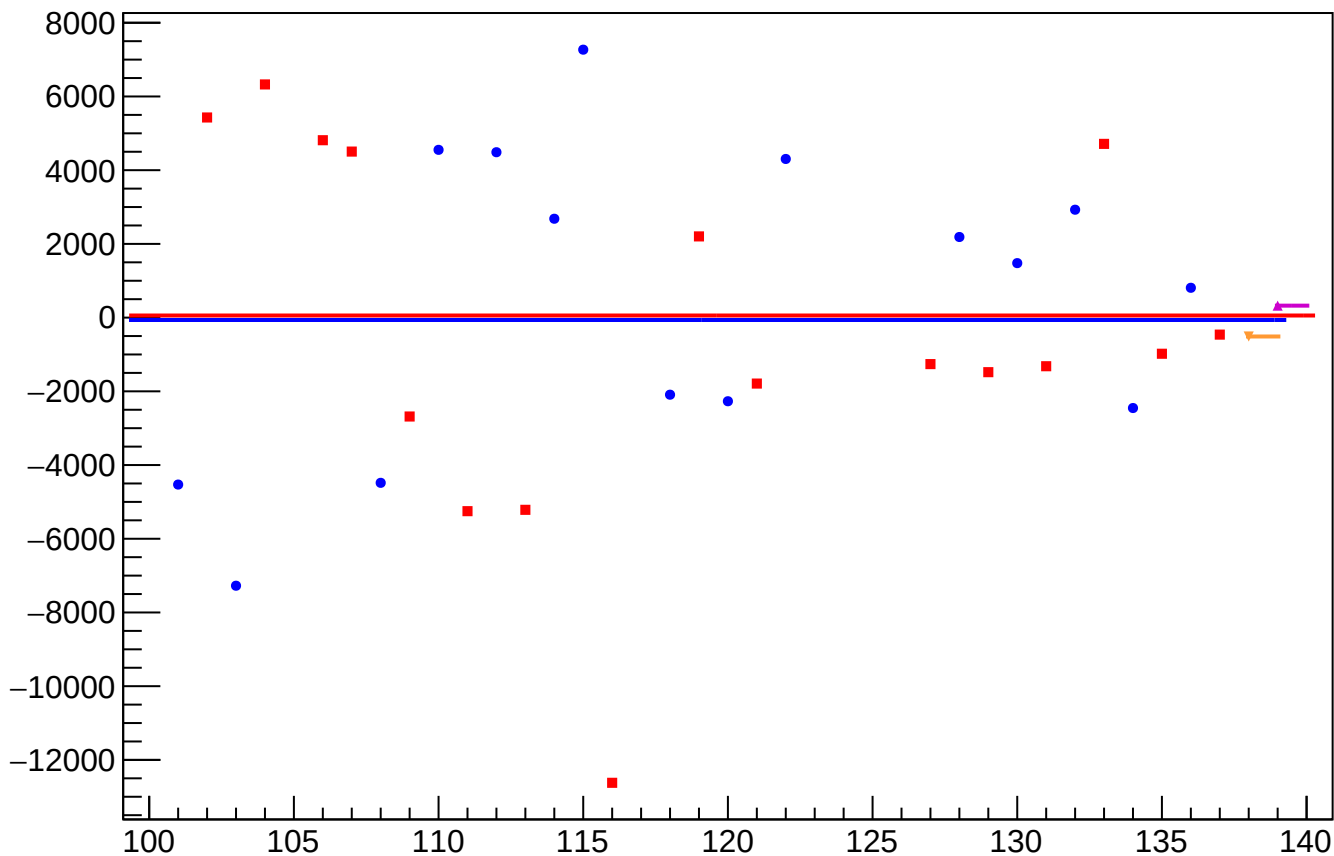
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

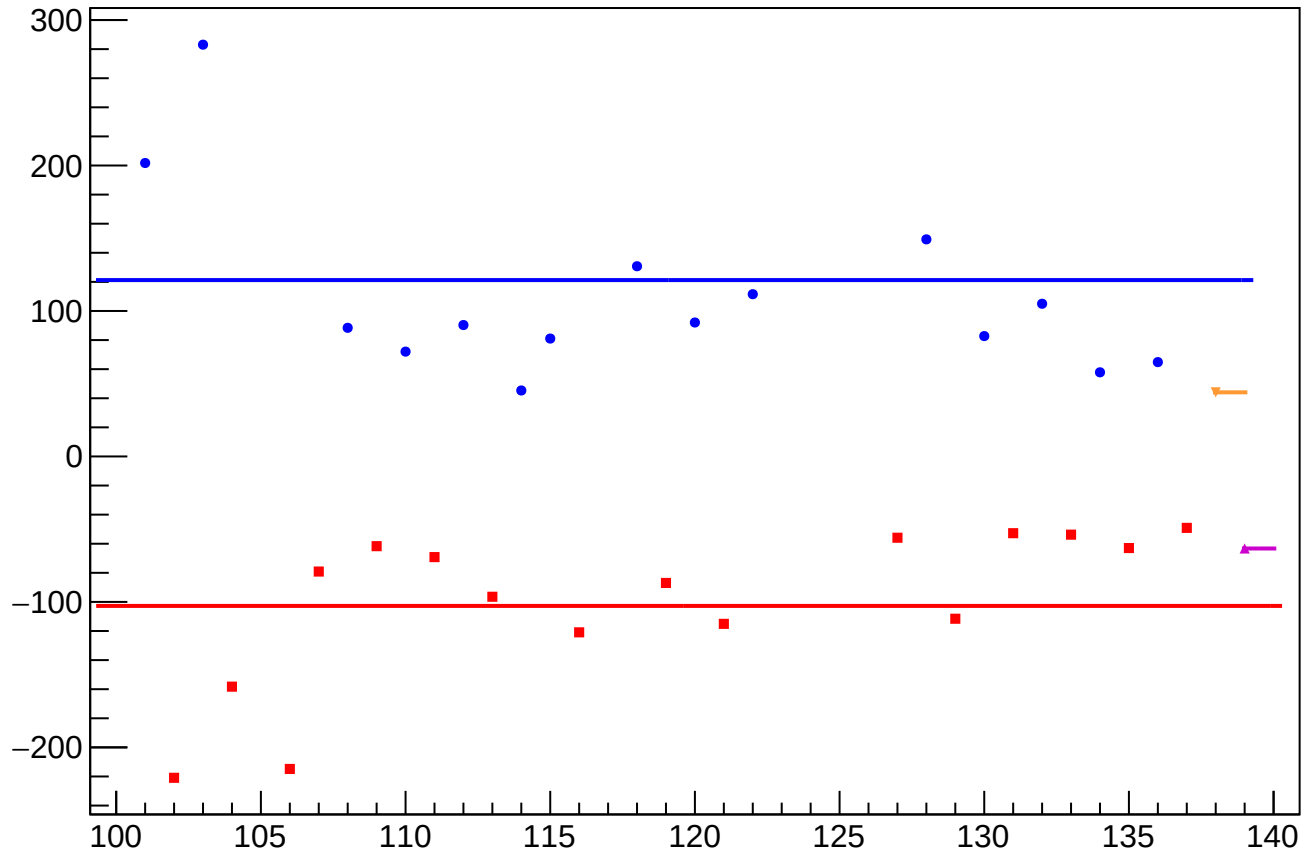
-963.615+/-0.000 χ^2/NDF : 7964785888768221

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: -64.751 ± 0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14
 Left Out: -512.147 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 57.229 ± 0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15
 Left In: 324.682 ± 0.000 χ^2/NDF : 158327.5/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14

Left Out: 44.075 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15

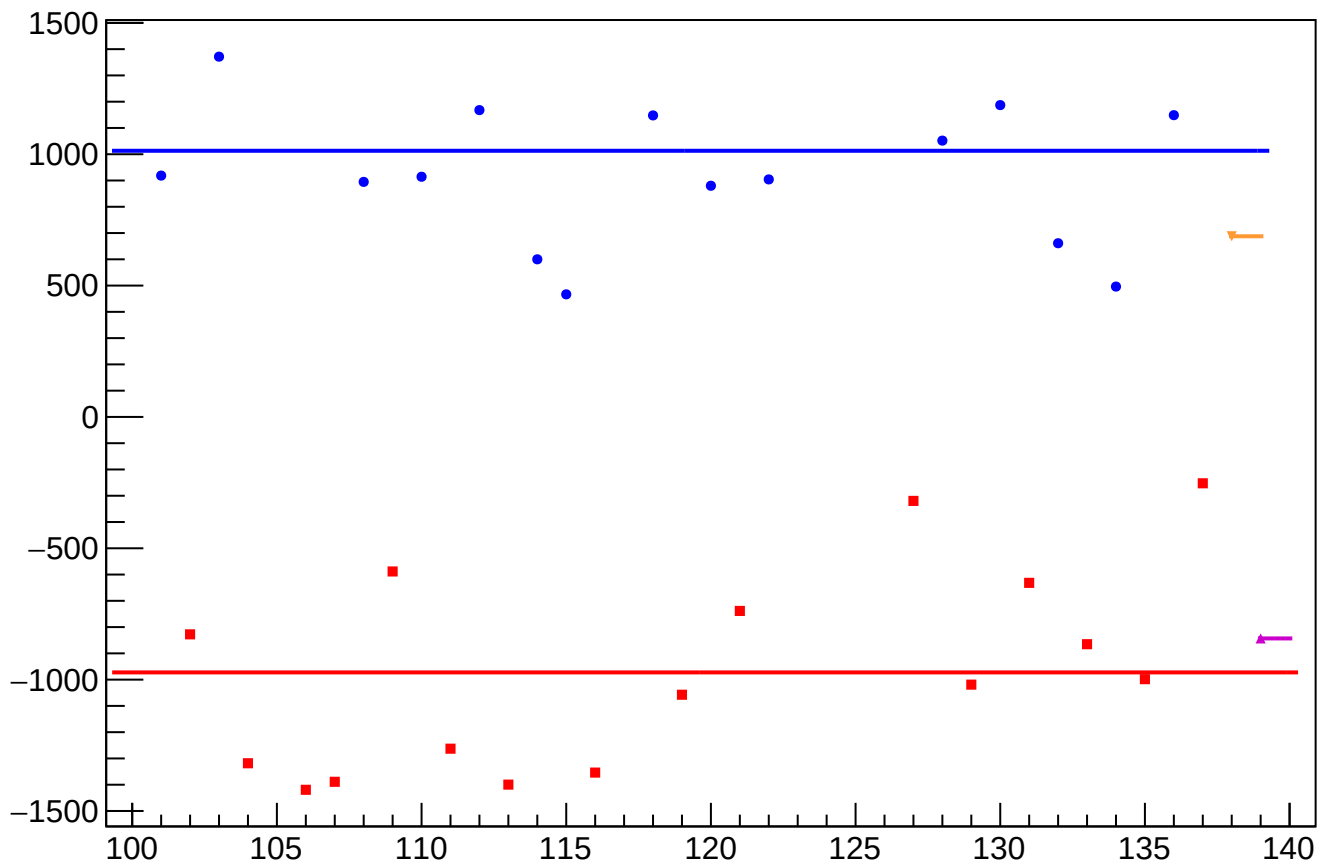
Left In: -63.278 $\pm$ 0.000 χ^2 /NDF:2473.9/0

112.950 $\pm$ 0.000 χ^2 /NDF: 31376535369678756

7.263 $\pm$ 0.000 χ^2 /NDF: 21542001890019

-100.048 $\pm$ 0.000 χ^2 /NDF: 2038782003430203

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

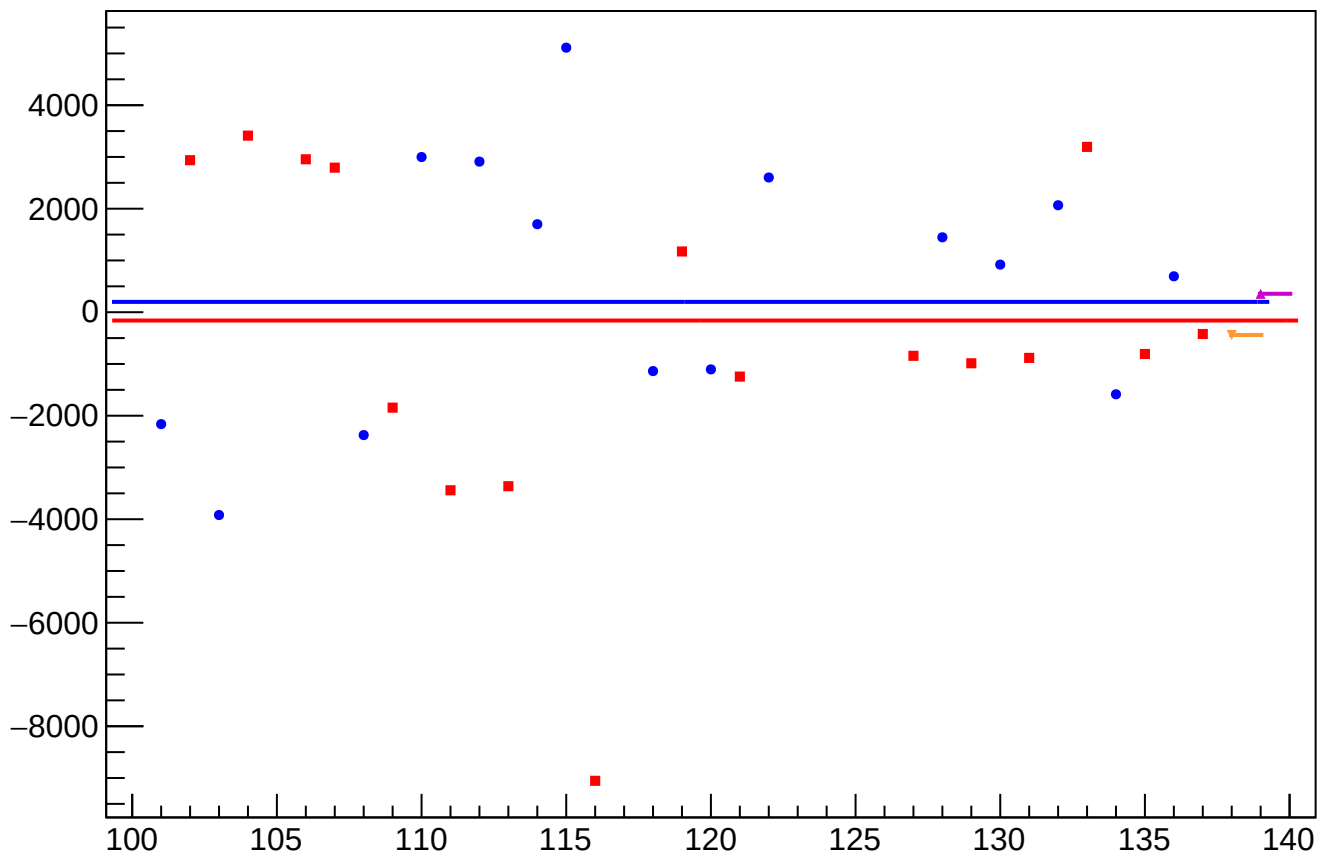
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

-963.615+/-0.000 χ^2/NDF : 7964785888768221

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14

Left Out: -440.311+/-0.000 χ^2/NDF : 0.0/0

Right Out: -160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

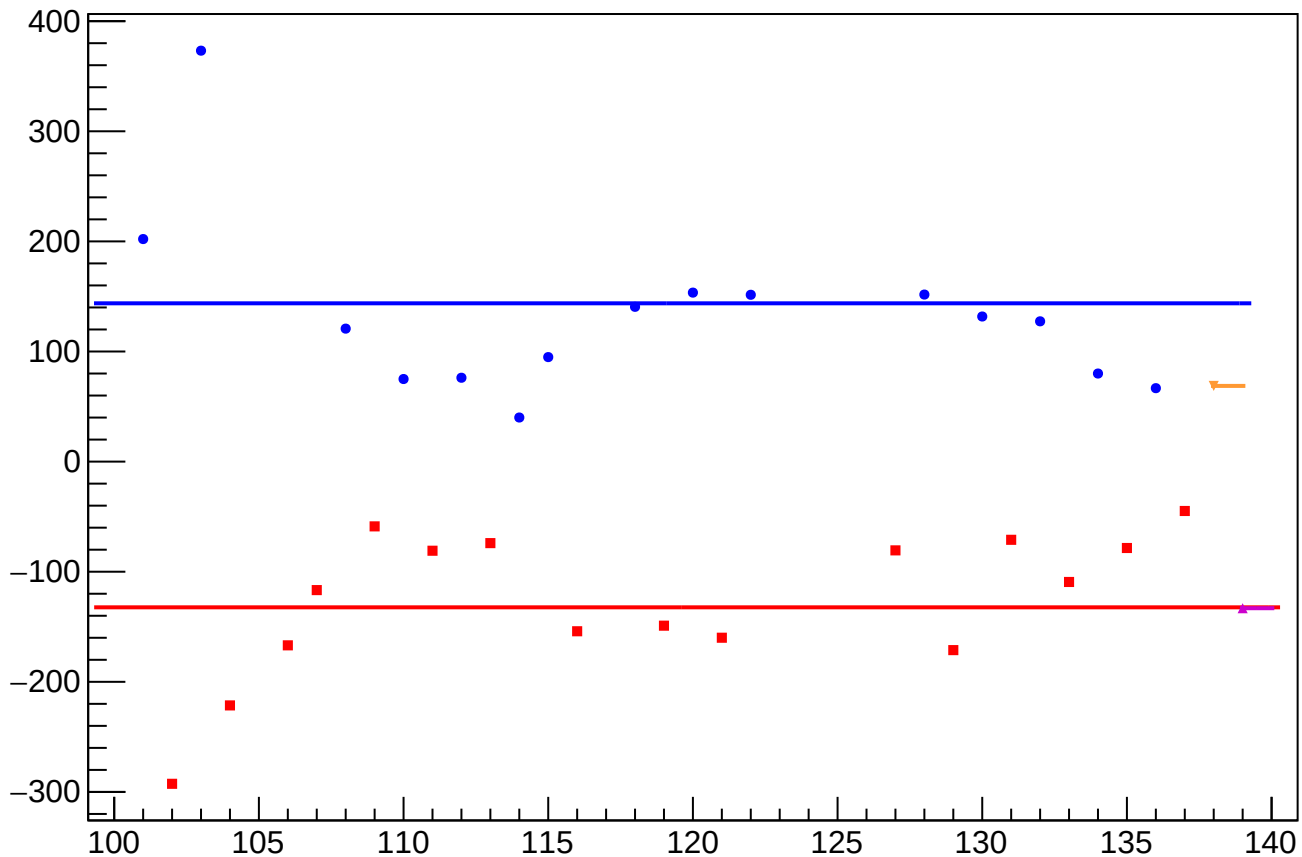
Left In: 356.219+/-0.000 χ^2/NDF : 0.0/0

130.858+/-0.000 χ^2/NDF : 32966642194066118

3.830+/-0.000 χ^2/NDF : 90130710756101

-125.149+/-0.000 χ^2/NDF : 5692764866647634

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14

Left Out: 68.749 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135.715 $\pm$ 0.000 χ^2 /NDF: 49066123965594160

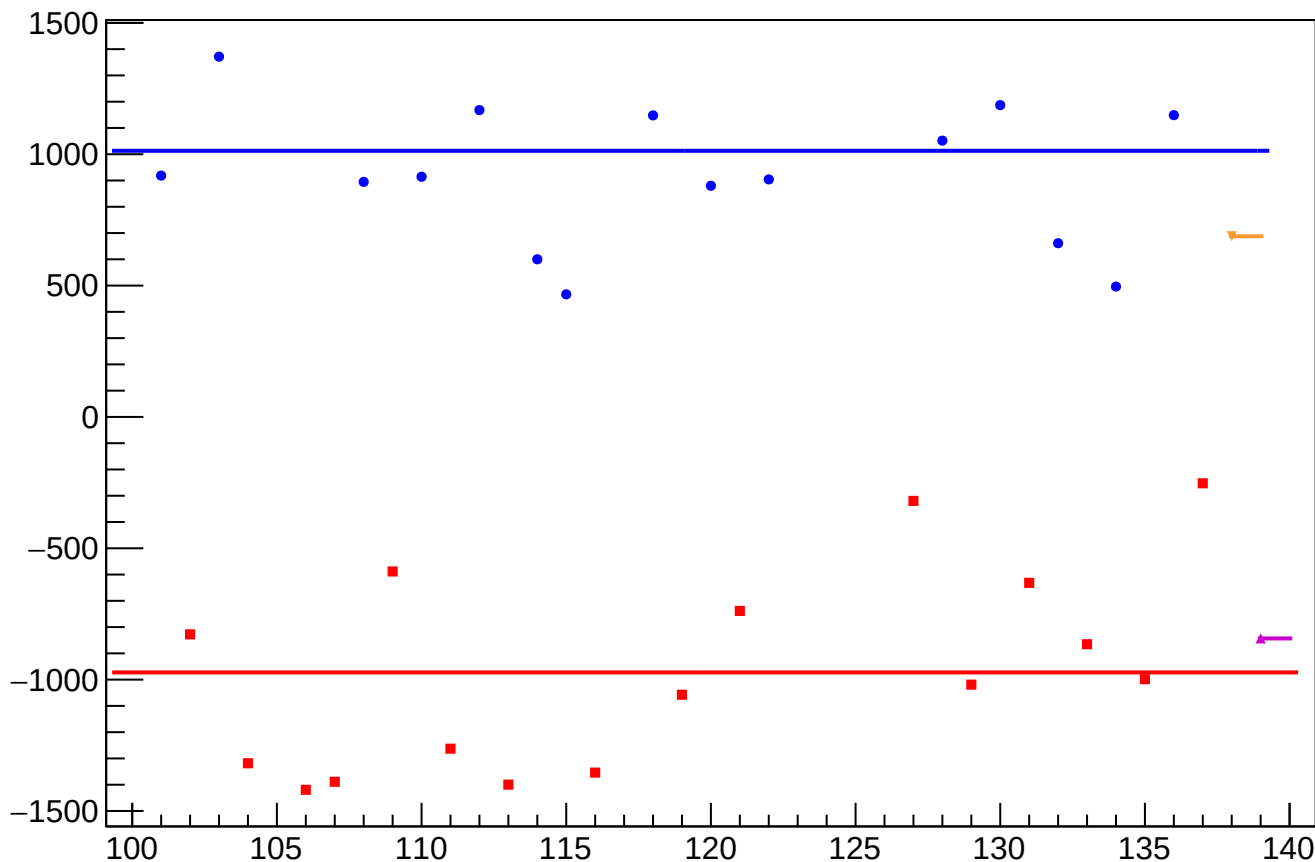
Right Out: -132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15

Left In: -133.147 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-132.396 $\pm$ 0.000 χ^2 /NDF: 3174117586997596

2.682 $\pm$ 0.000 χ^2 /NDF: 34011216632995

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

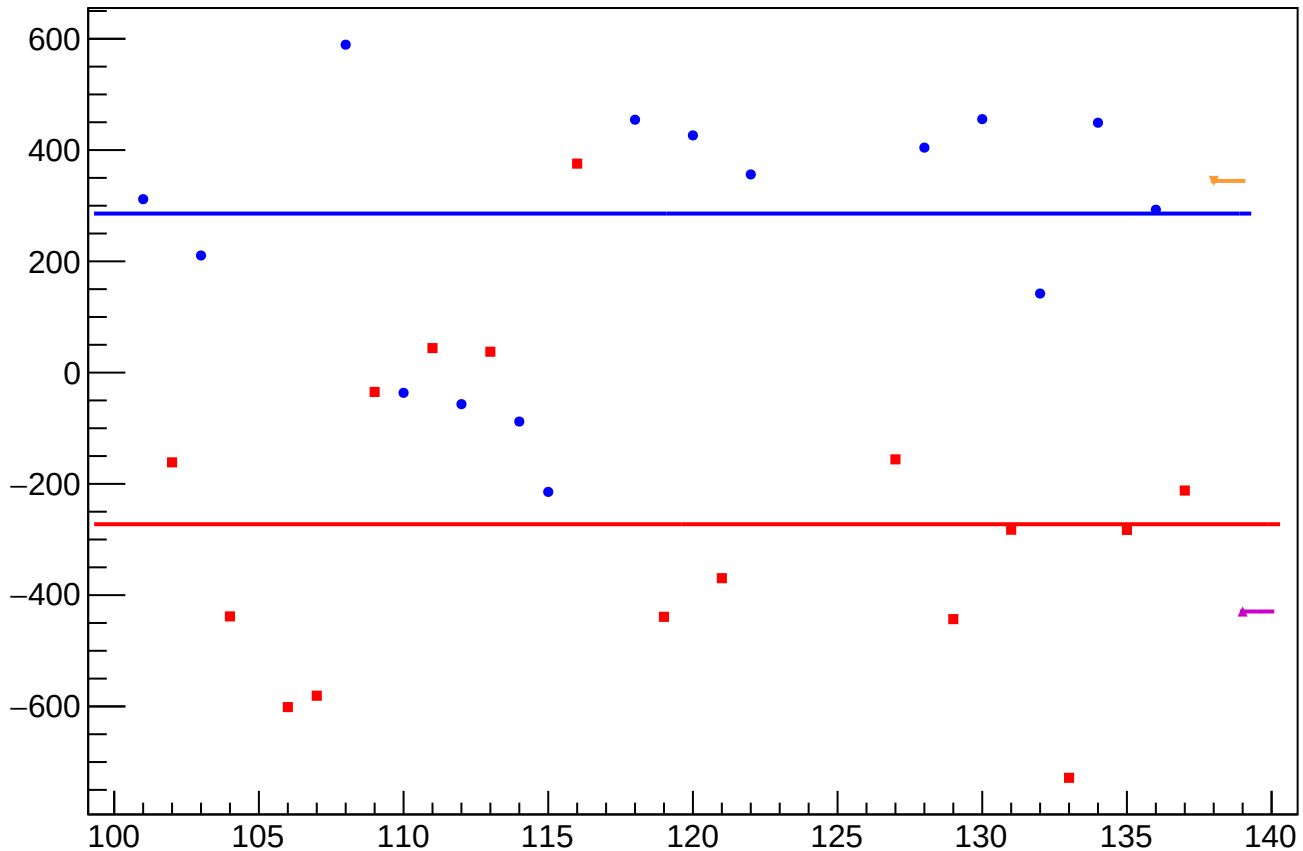
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

-963.615+/-0.000 χ^2/NDF : 7964785888768221

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

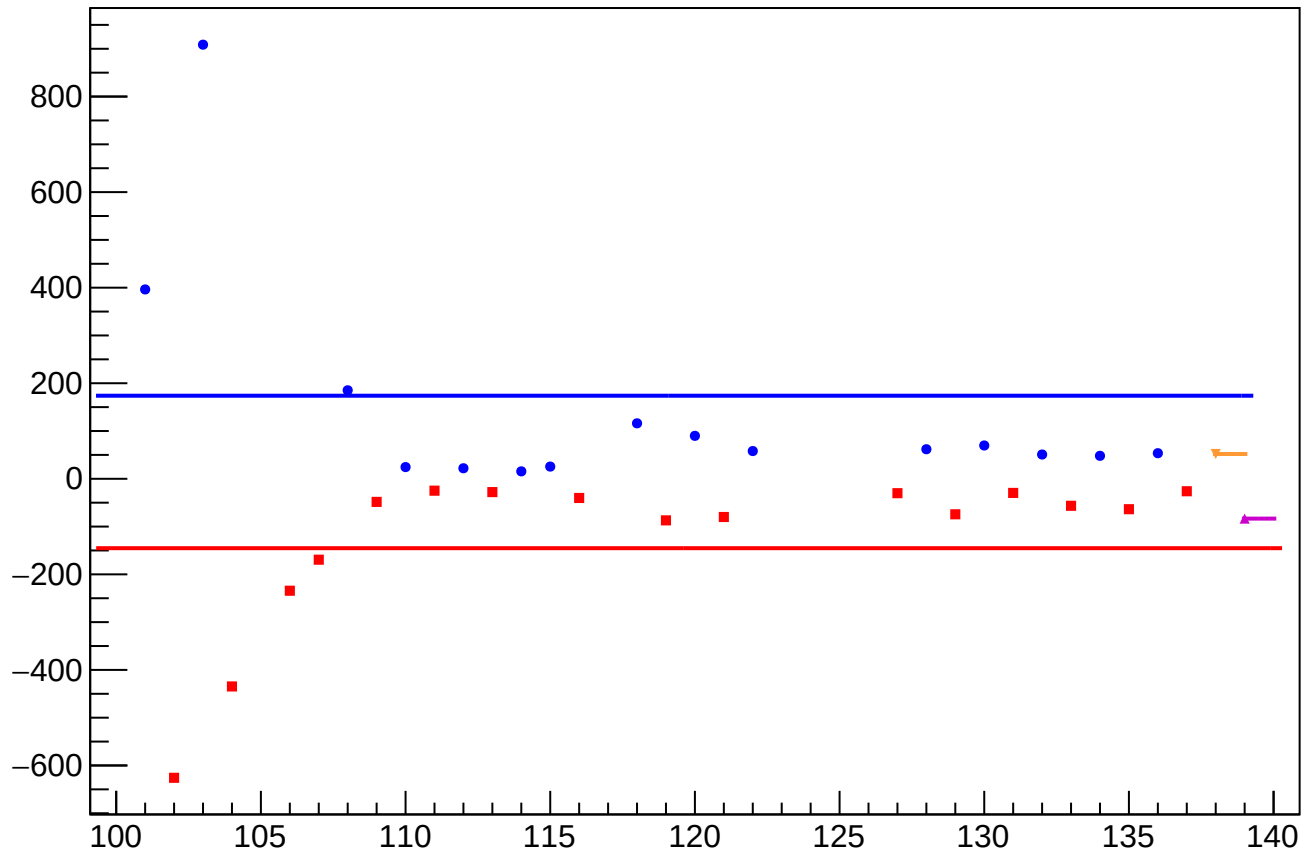
Left In: -429.390+/-0.000 χ^2/NDF : 0.0/0

292.149+/-0.000 χ^2/NDF : 24347802684820440

6.631+/-0.000 χ^2/NDF : 18906198512834

-283.273+/-0.000 χ^2/NDF : 4527296906760322

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

Left Out: 51.902+/-0.000 χ^2/NDF :3938.0/0

Right Out: -145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

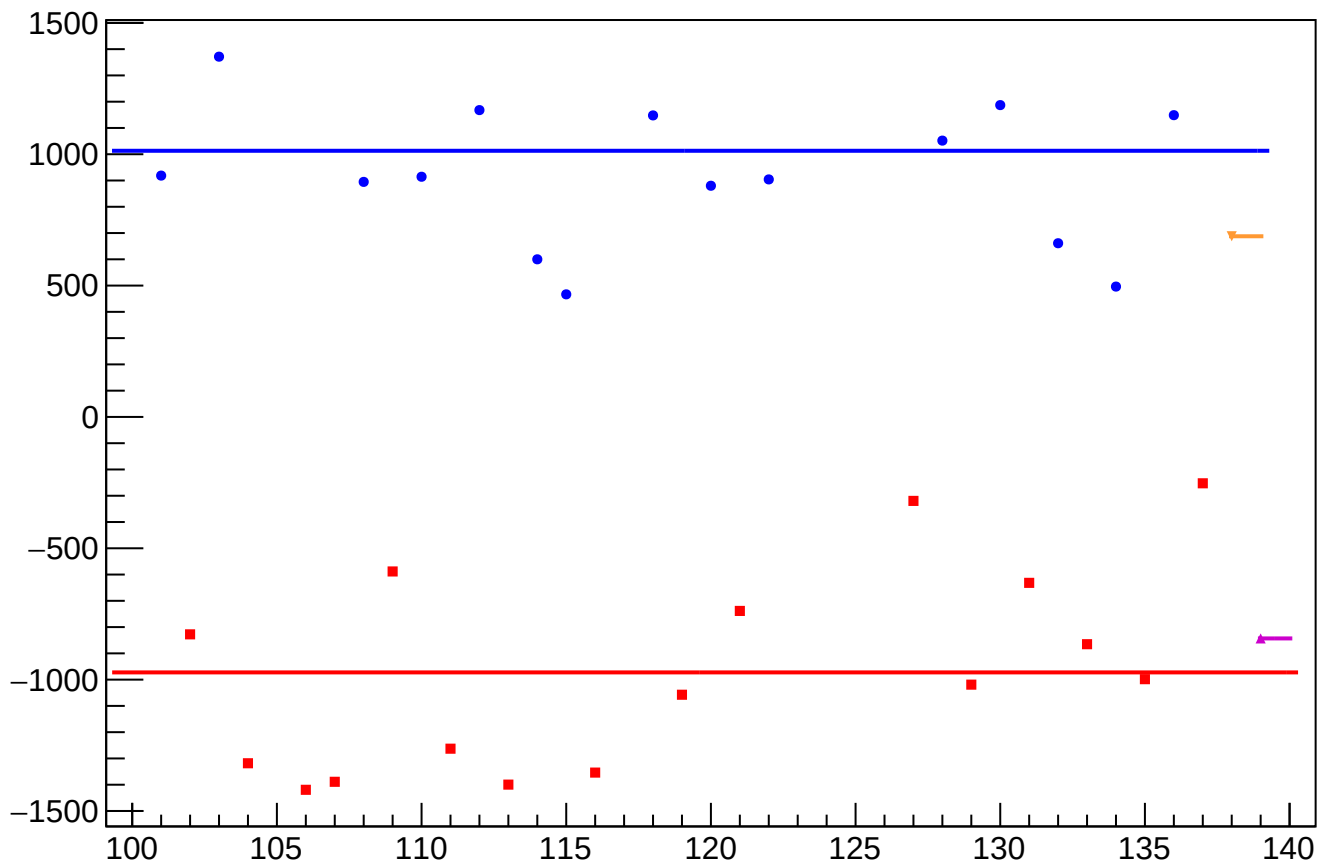
Left In: -83.339+/-0.000 χ^2/NDF :9895.5/0

160.785+/-0.000 χ^2/NDF : 42741337291093909

11.046+/-0.000 χ^2/NDF : 9829726113853

-140.993+/-0.000 χ^2/NDF : 2270445502361232

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

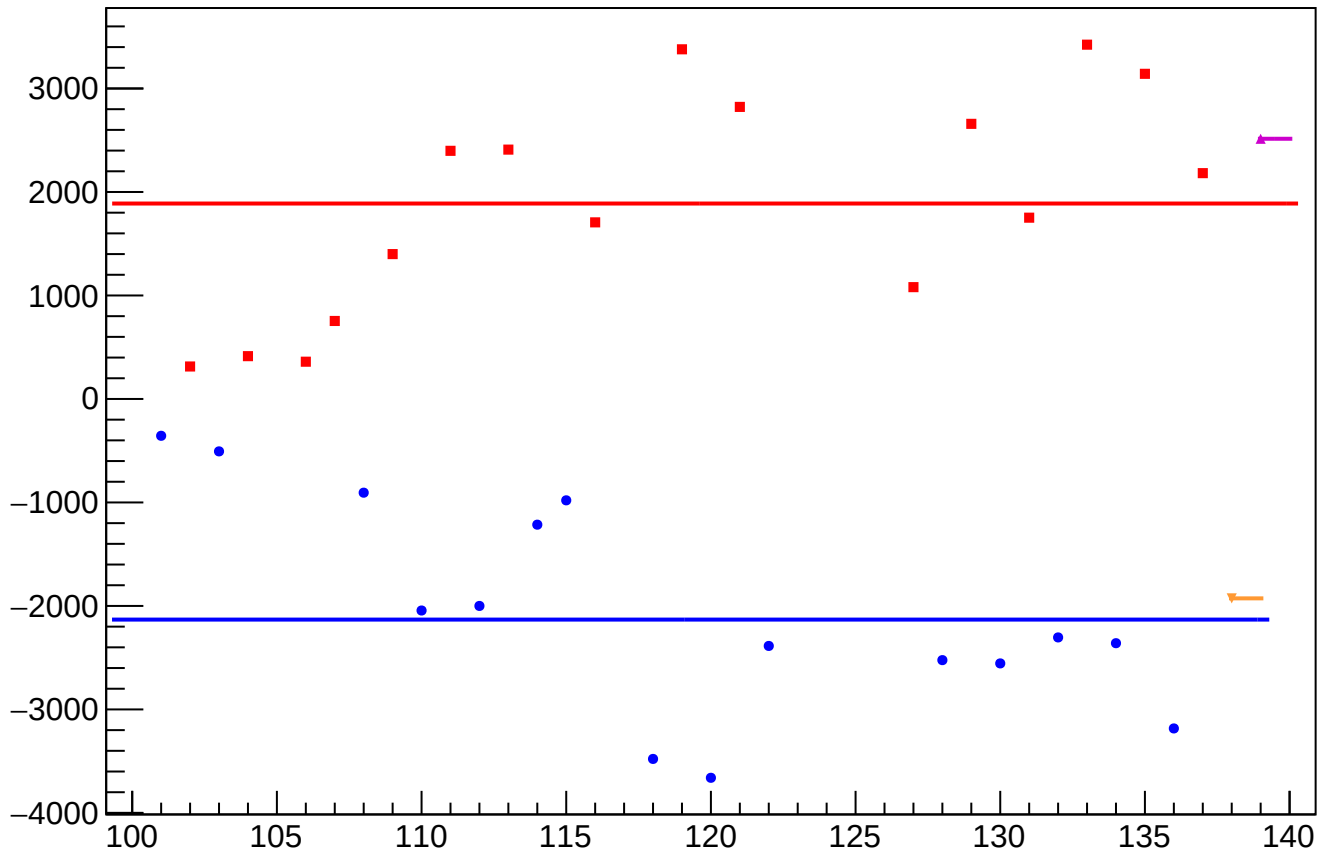
Left In: -843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

14.710+/-0.000 χ^2/NDF : 1478967548635

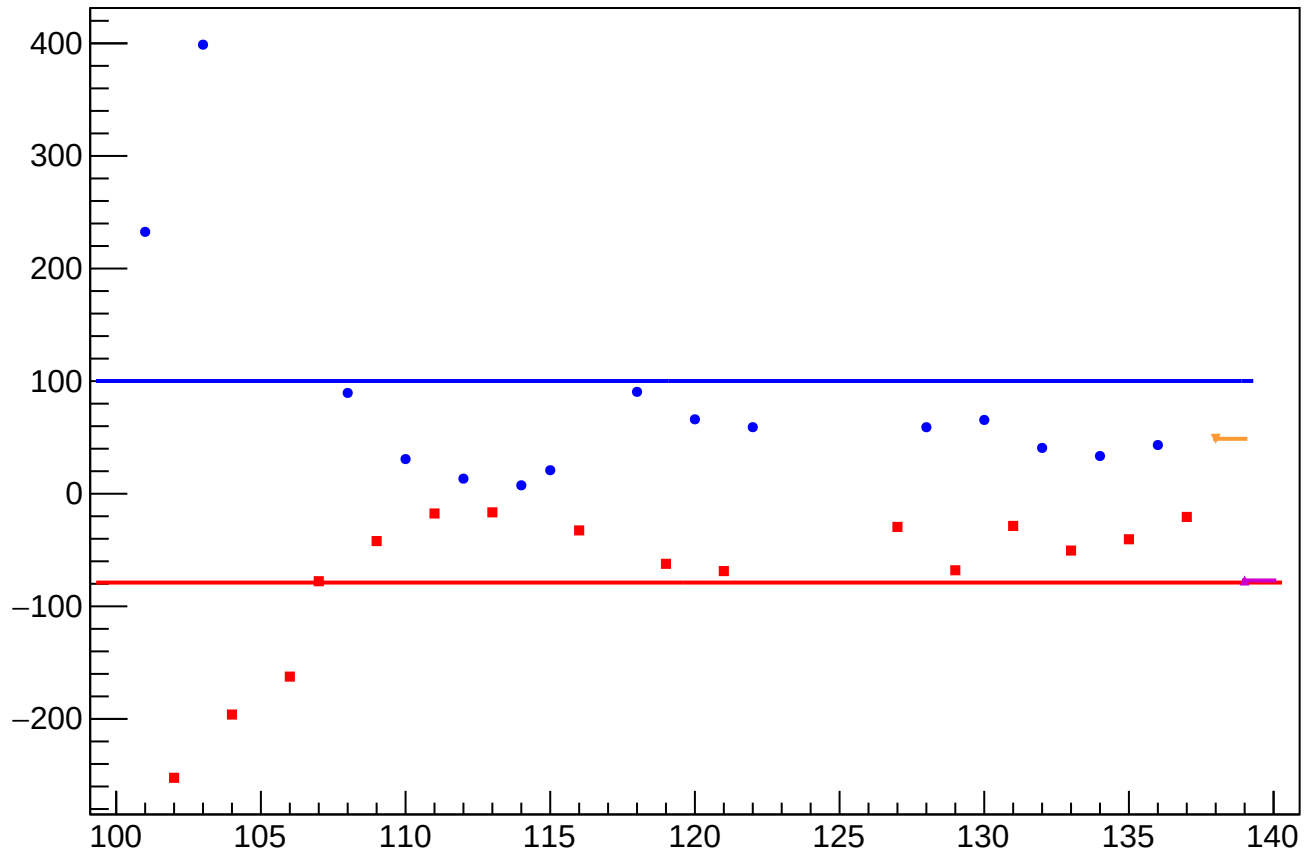
-963.615+/-0.000 χ^2/NDF : 7964785888768221

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905+/-0.000	χ^2/NDF : 722433384570495071131450661983670501376.0/14	-2109.903+/-0.000	χ^2/NDF : 725361712512864
Left Out: -1926.832+/-0.000	χ^2/NDF : 0.0/0	-104.717+/-0.000	χ^2/NDF : 742633139300
Right Out: 1888.448+/-0.000	χ^2/NDF : 791986665551980691032719862611769819136.0/15	1931.275+/-0.000	χ^2/NDF : 8098626282916475
Left In: 2514.240+/-0.000	χ^2/NDF : 0.0/0		

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 100.135 ± 0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 48.773 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -78.881 ± 0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

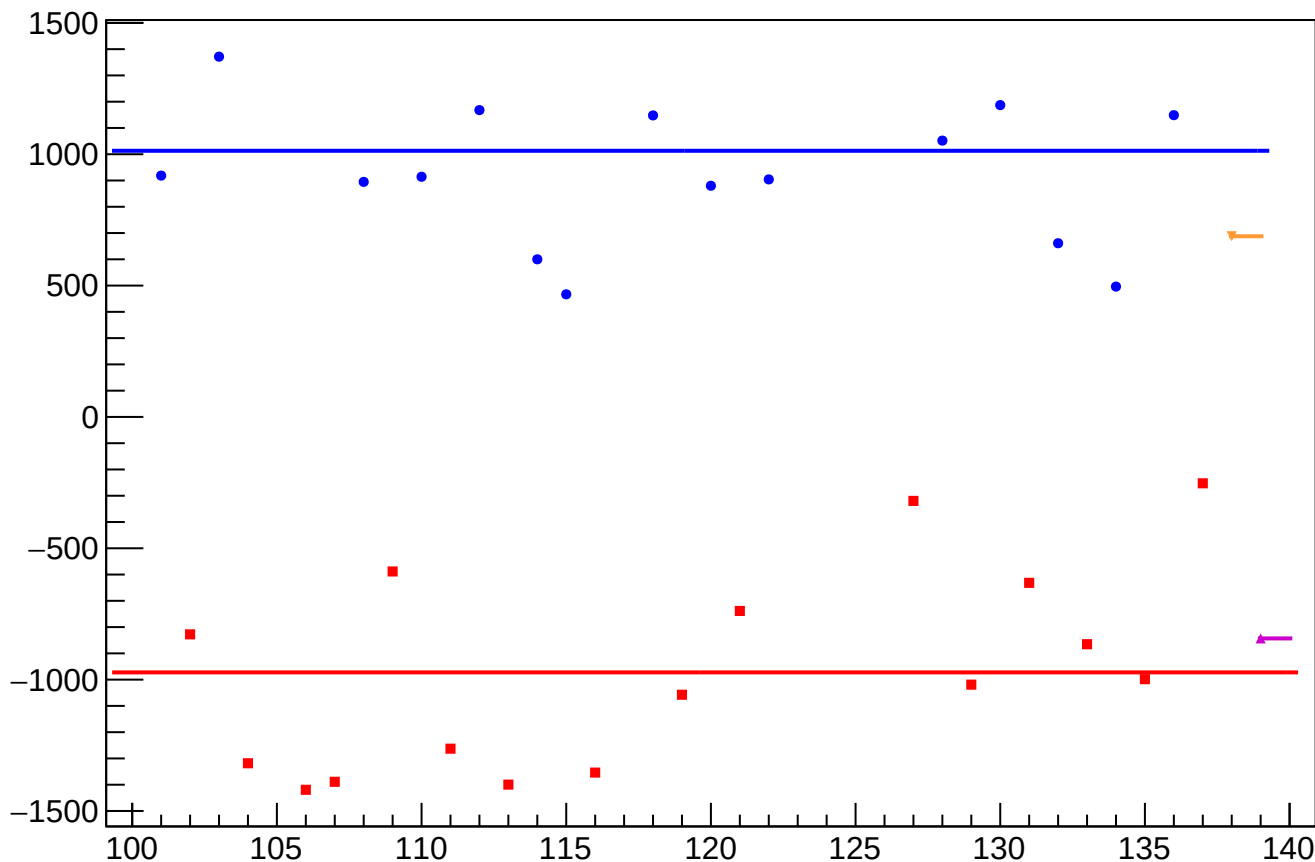
Left In: -77.022 ± 0.000 χ^2/NDF : 9895.5/0

94.625 ± 0.000 χ^2/NDF : 799760079303088124

8.596 ± 0.000 χ^2/NDF : 22366435721674

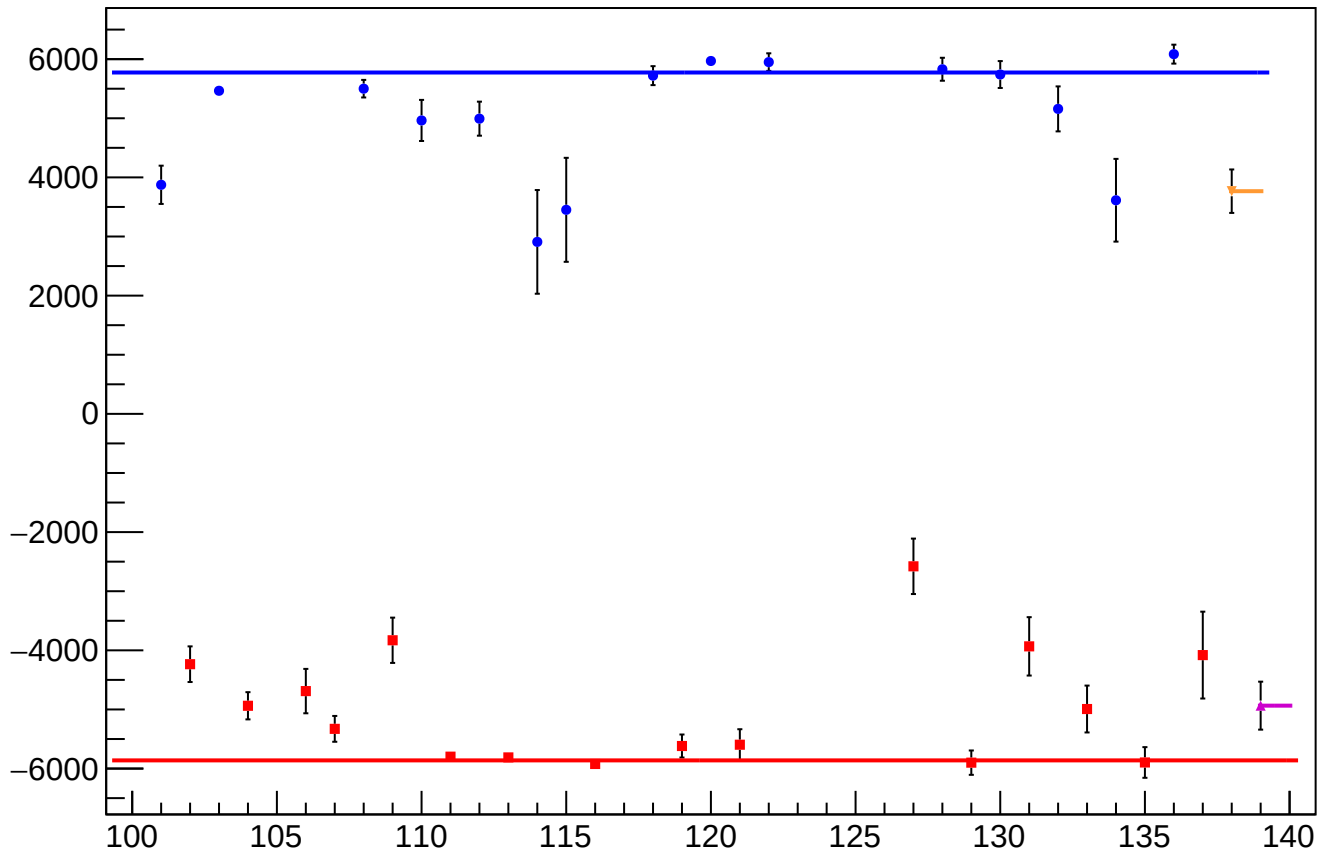
-78.754 ± 0.000 χ^2/NDF : 35252868245570698

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: -843.143+/-0.000 χ^2/NDF : 0.0/0

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

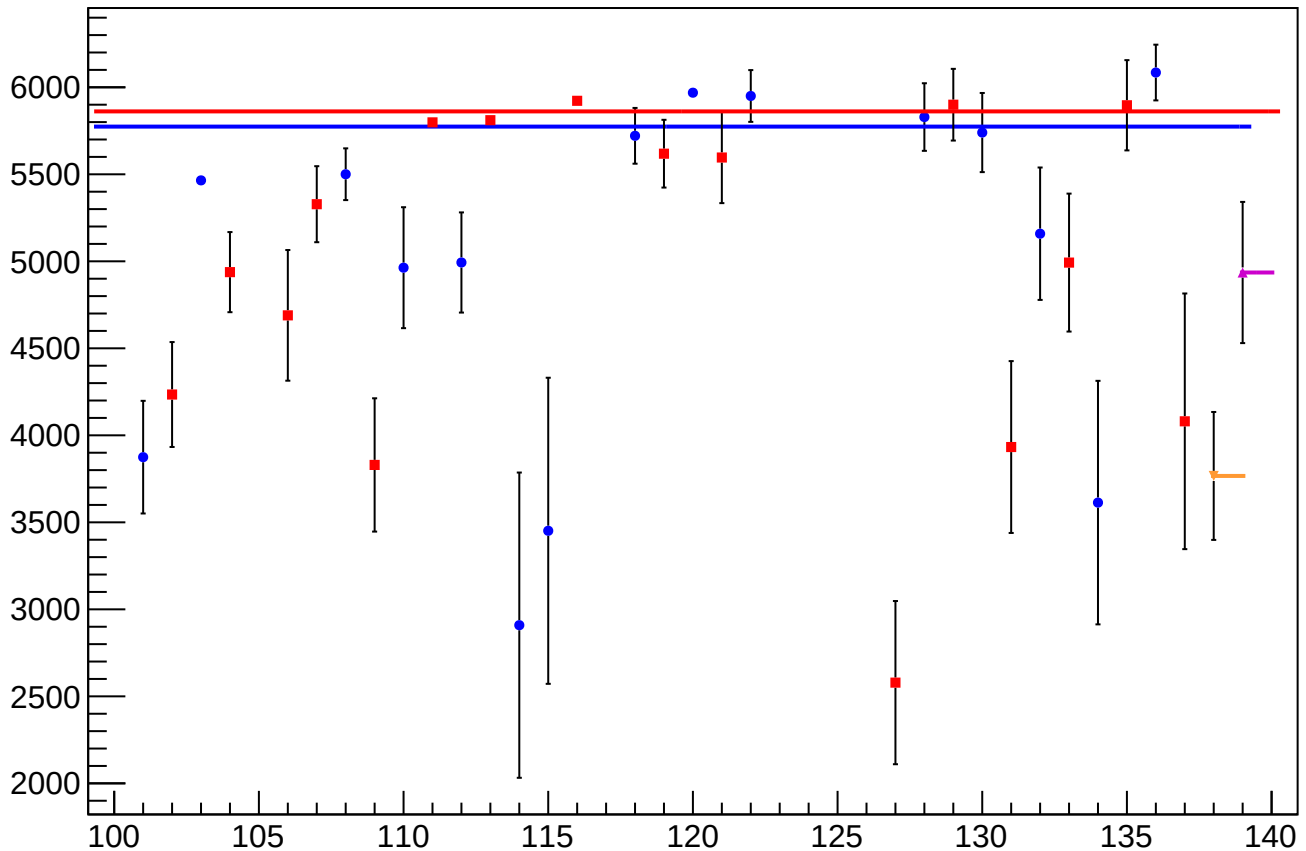
Left In: -4935.653+/-405.708 χ^2/NDF : 0.0/0

5774.116+/-0.181 χ^2/NDF : 1828556.3/15

-1536.191+/-0.111 χ^2/NDF : 2585354509.0

-5861.461+/-0.140 χ^2/NDF : 180025.6/16

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

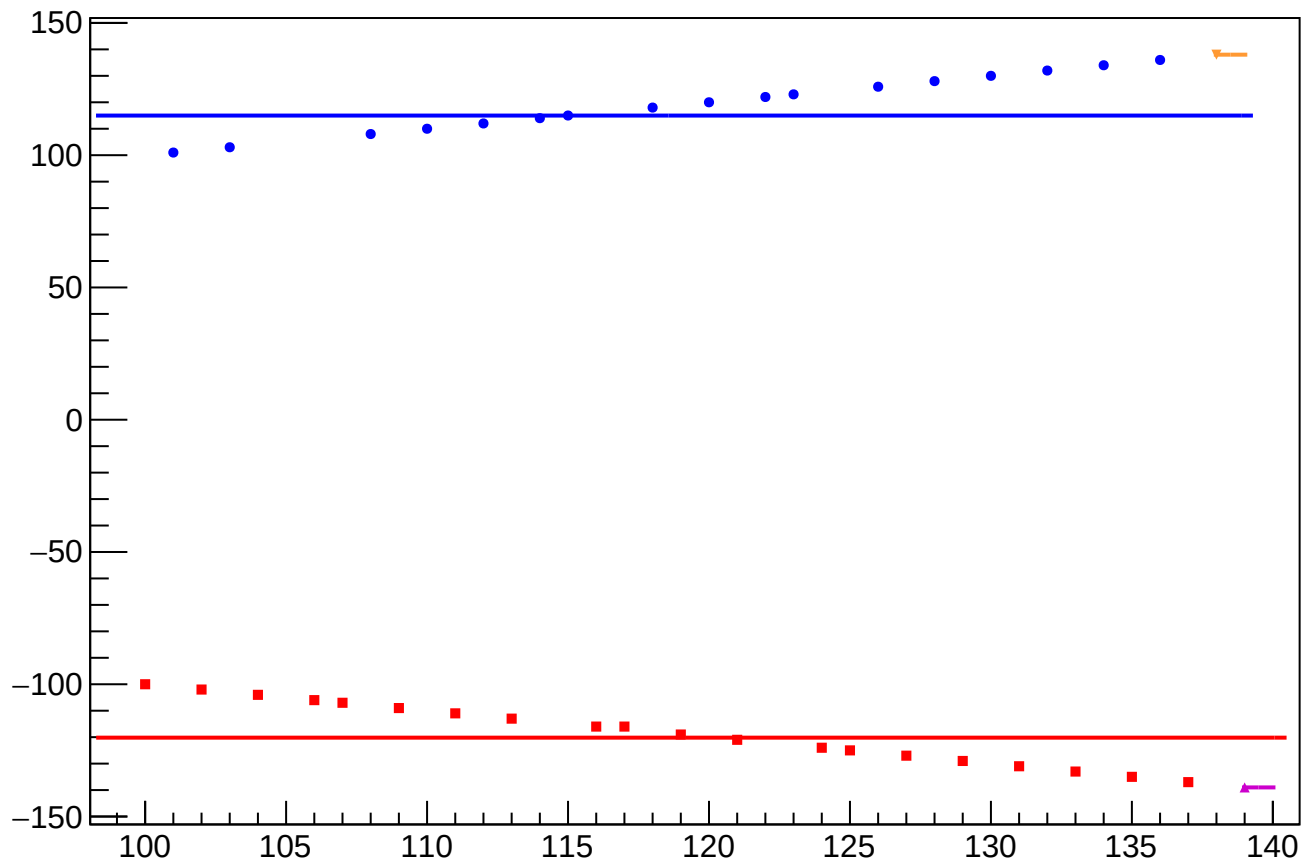
Left In: 4935.653 $\pm$ 405.708 χ^2 /NDF:0.0/0

5774.116 $\pm$ 0.181 χ^2 /NDF: 1828556.3/15

5828.992 $\pm$ 0.111 χ^2 /NDF: 2154154.7/32

5861.461 $\pm$ 0.140 χ^2 /NDF: 180025.6/16

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 : 52233253644261695528198041763840.0/19

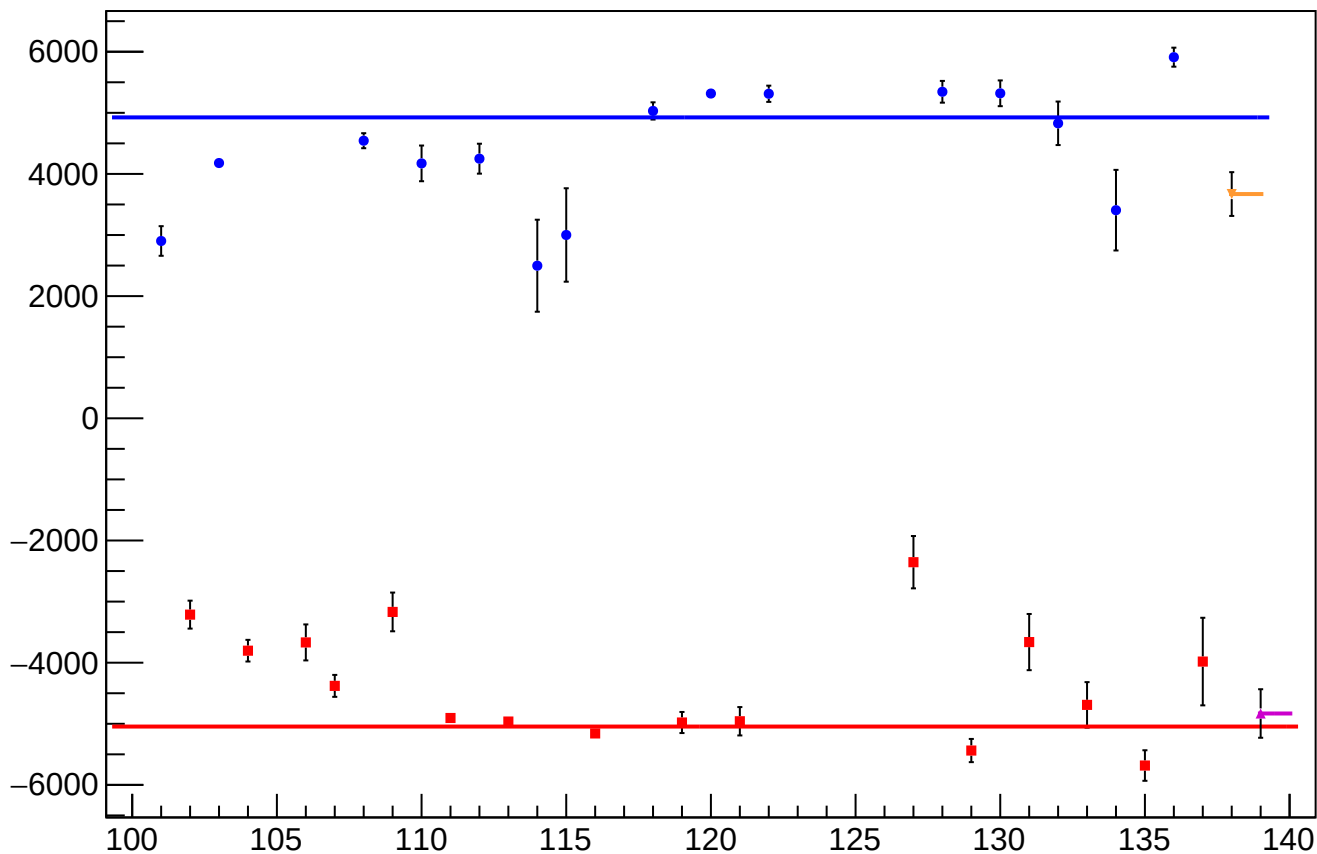
Left In: -139.000+/-0.143 χ^2/NDF : 0.0/0

116.377+/-0.000 χ^2/NDF : 15979323783741632

23.794+/-0.000 χ^2/NDF : 3461839071665

-120.186+/-0.000 χ^2/NDF : 5223325364426169

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

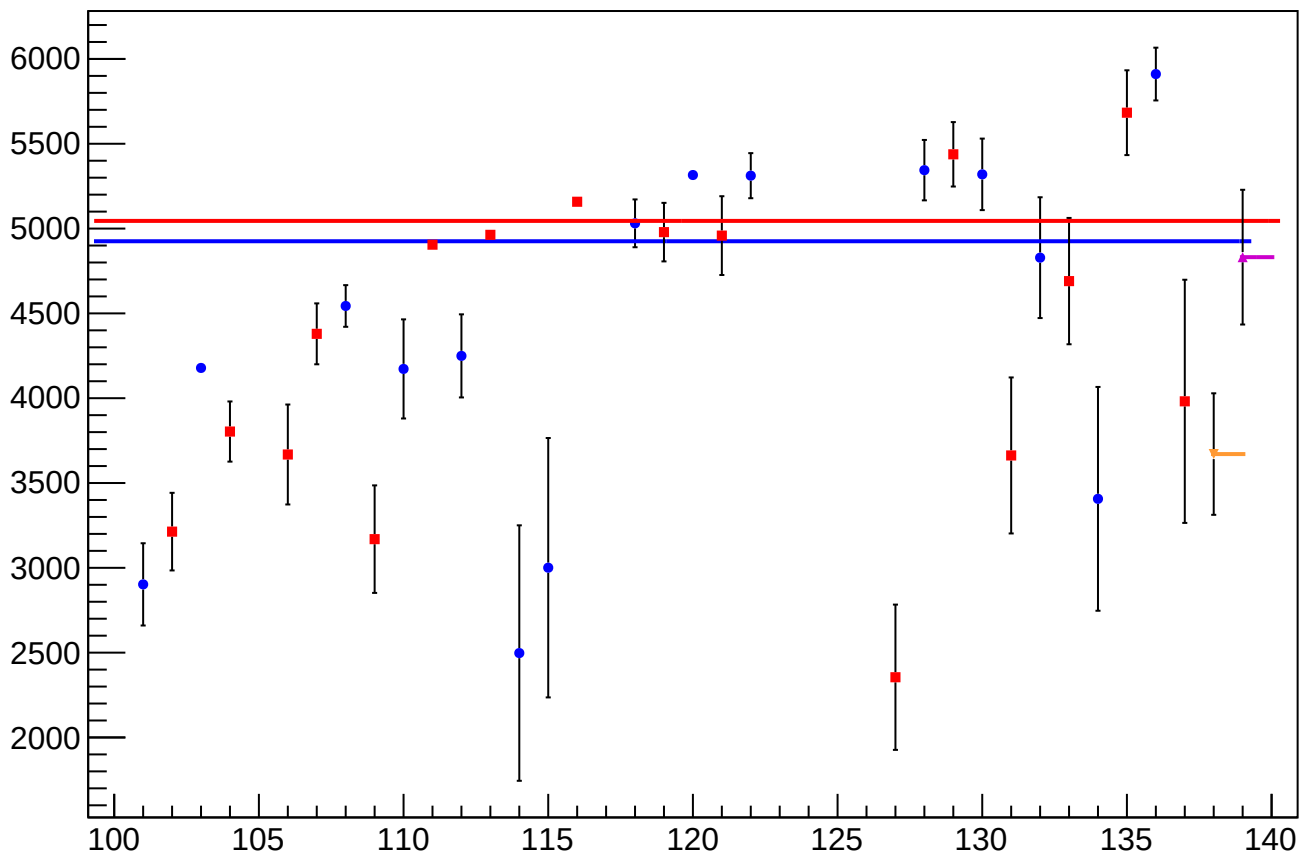
Left In: -4831.490+/-397.149 χ^2/NDF : 0.0/0

4925.297+/-0.939 χ^2/NDF : 331006.8/15

-1694.504+/-0.544 χ^2/NDF : 75266569.2/15

-5045.221+/-0.668 χ^2/NDF : 30180.2/16

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: 4831.490 $\pm$ 397.149 χ^2/NDF : 0.0/0

4925.297 $\pm$ 0.939 χ^2/NDF : 331006.8/15

5004.919 $\pm$ 0.544 χ^2/NDF : 372023.5/32

5045.221 $\pm$ 0.668 χ^2/NDF : 30180.2/16

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

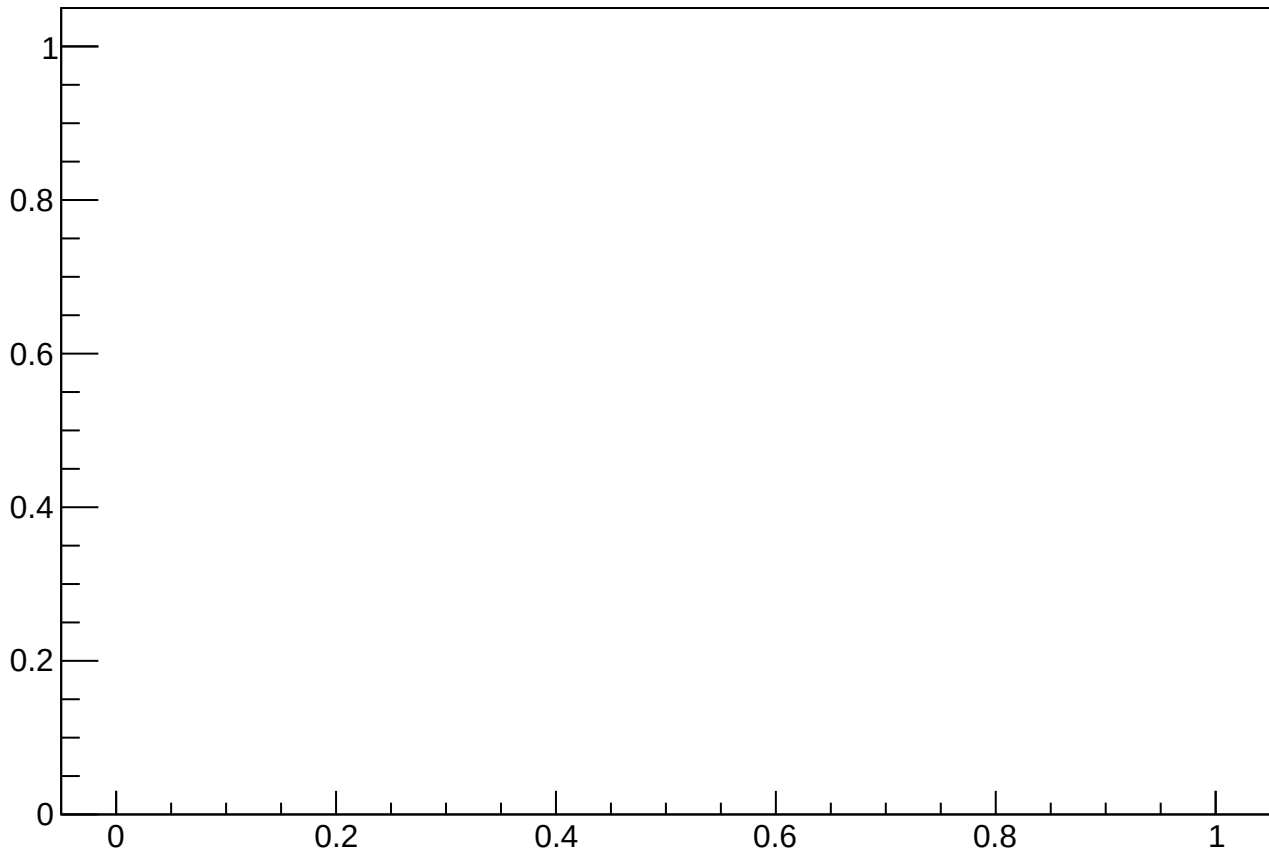
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

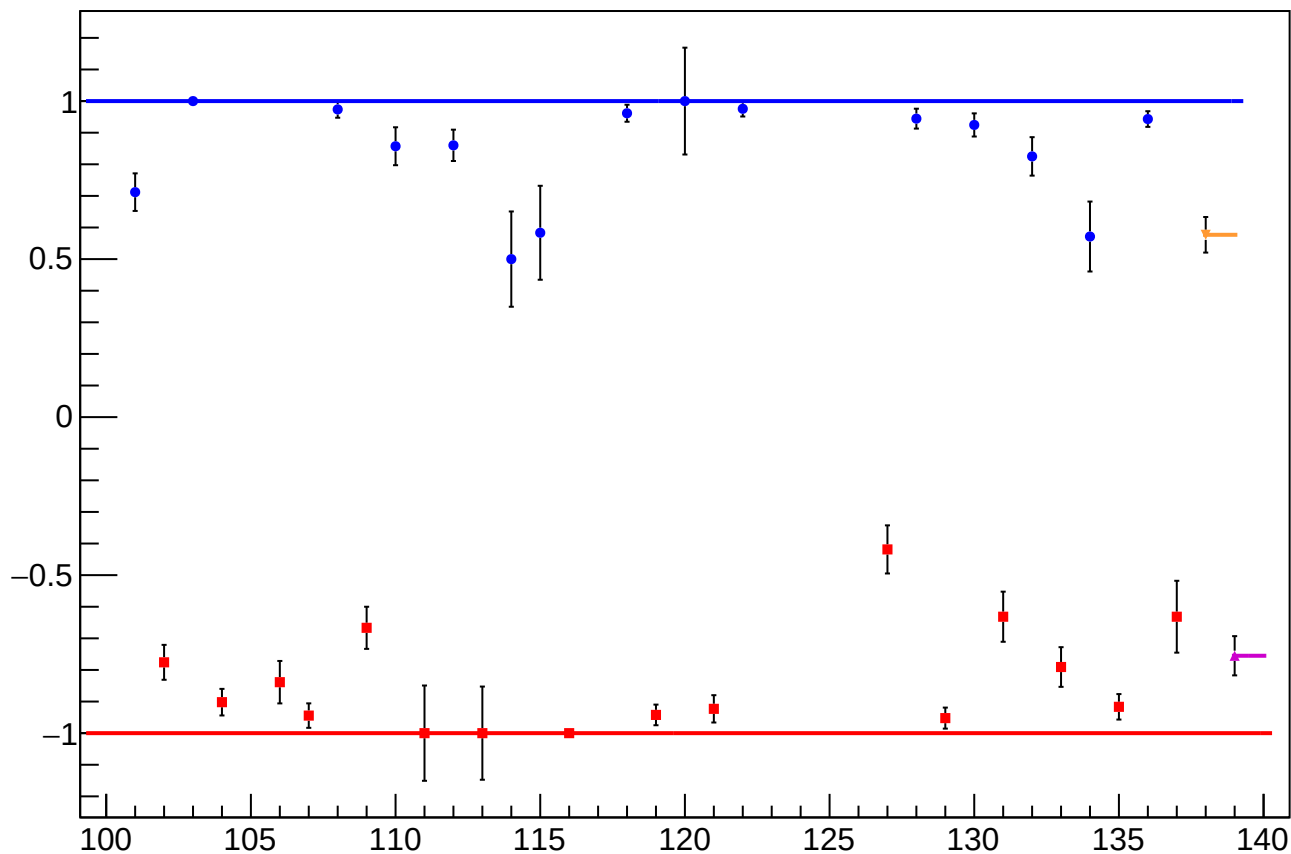
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 95.9/14$

Left Out: 0.577 ± 0.056 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.000 ± 0.000 $\chi^2/\text{NDF}: 168.9/15$

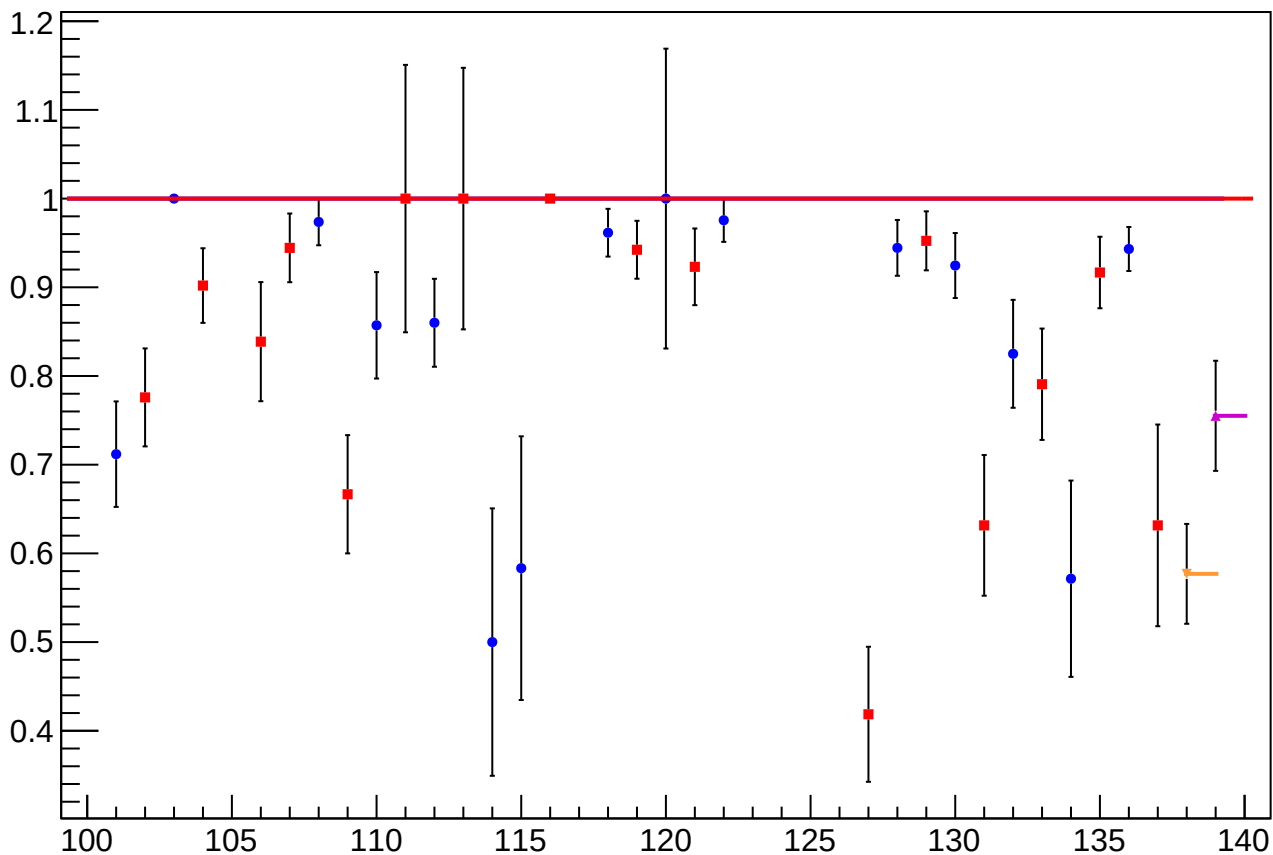
Left In: -0.755 ± 0.062 $\chi^2/\text{NDF}: 0.0/0$

1.000 ± 0.000 $\chi^2/\text{NDF}: 152.4/15$

0.398 ± 0.000 $\chi^2/\text{NDF}: 14173250084479$

-1.000 ± 0.000 $\chi^2/\text{NDF}: 184.4/16$

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

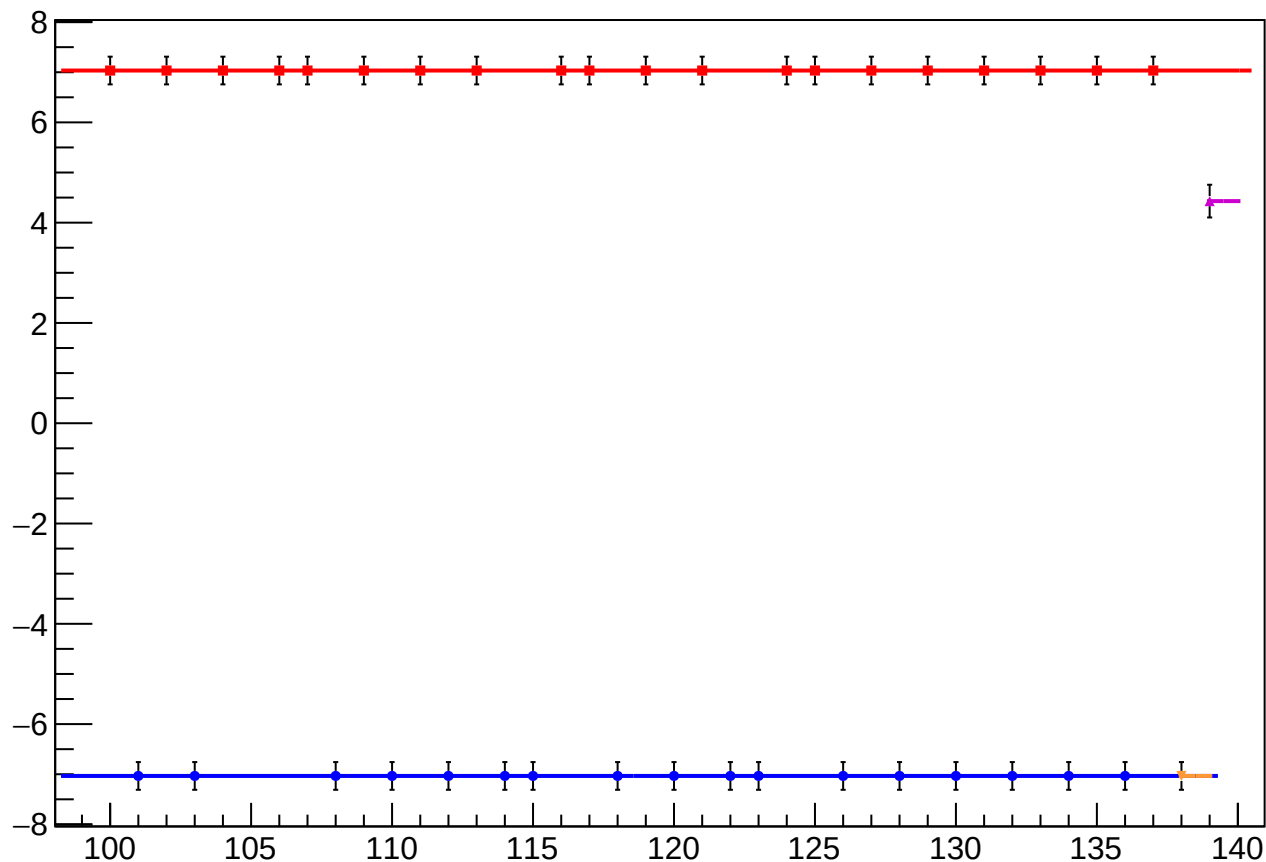
Left In: 0.755 $\pm$ 0.062 χ^2 /NDF: 0.0/0

1.000 $\pm$ 0.000 χ^2 /NDF: 152.4/15

1.000 $\pm$ 0.000 χ^2 /NDF: 419.8/32

1.000 $\pm$ 0.000 χ^2 /NDF: 184.4/16

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.034 $\pm$ 0.067 χ^2/NDF : 0.0/16

Left Out: -7.034 $\pm$ 0.276 χ^2/NDF : 0.0/0

Right Out: 7.034 $\pm$ 0.062 χ^2/NDF : 0.0/19

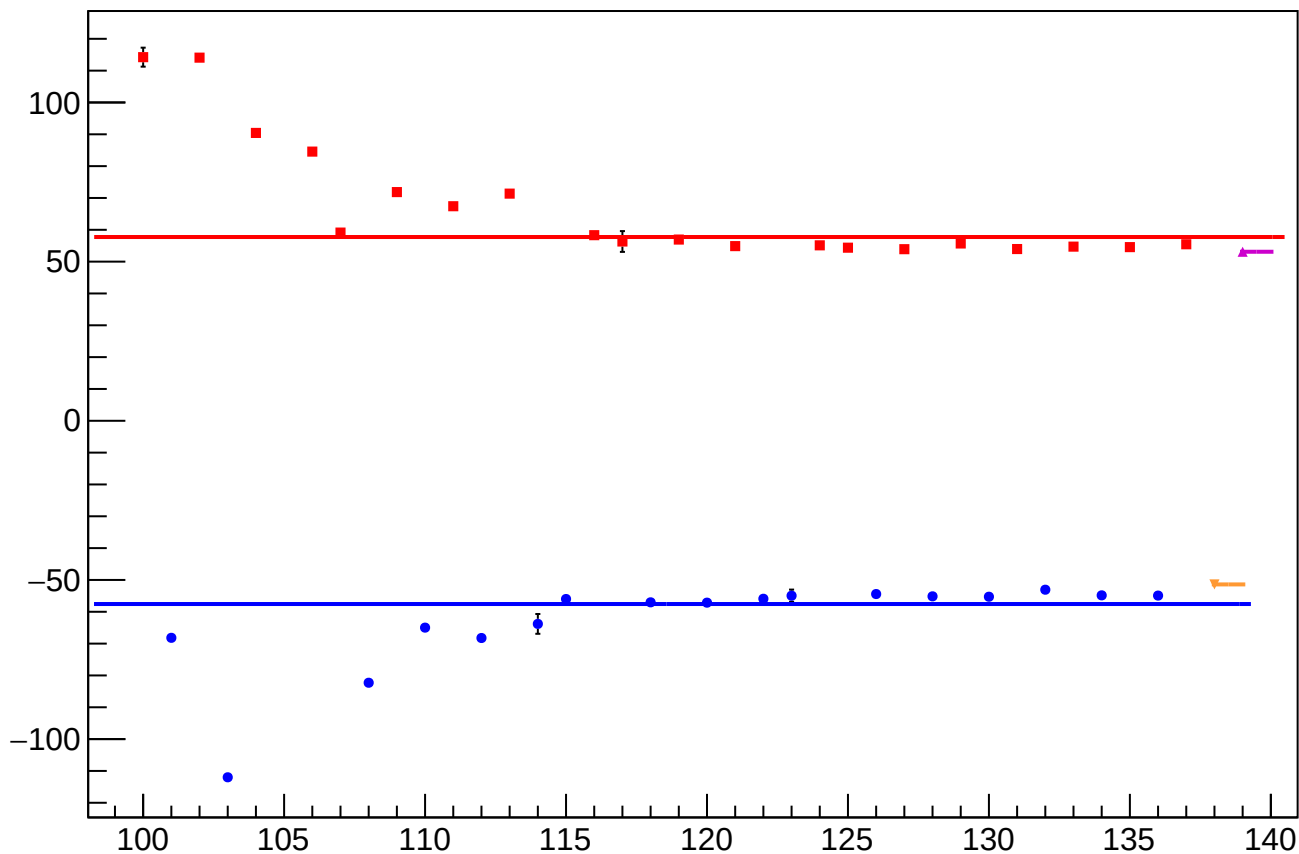
Left In: 4.430 $\pm$ 0.326 χ^2/NDF : 0.0/0

-7.034 $\pm$ 0.065 χ^2/NDF : 0.0/17

0.446 $\pm$ 0.044 χ^2/NDF : 24682.6/38

6.944 $\pm$ 0.061 χ^2/NDF : 61.5/20

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: 57.733 ± 0.143 χ^2/NDF : 4698.6/19

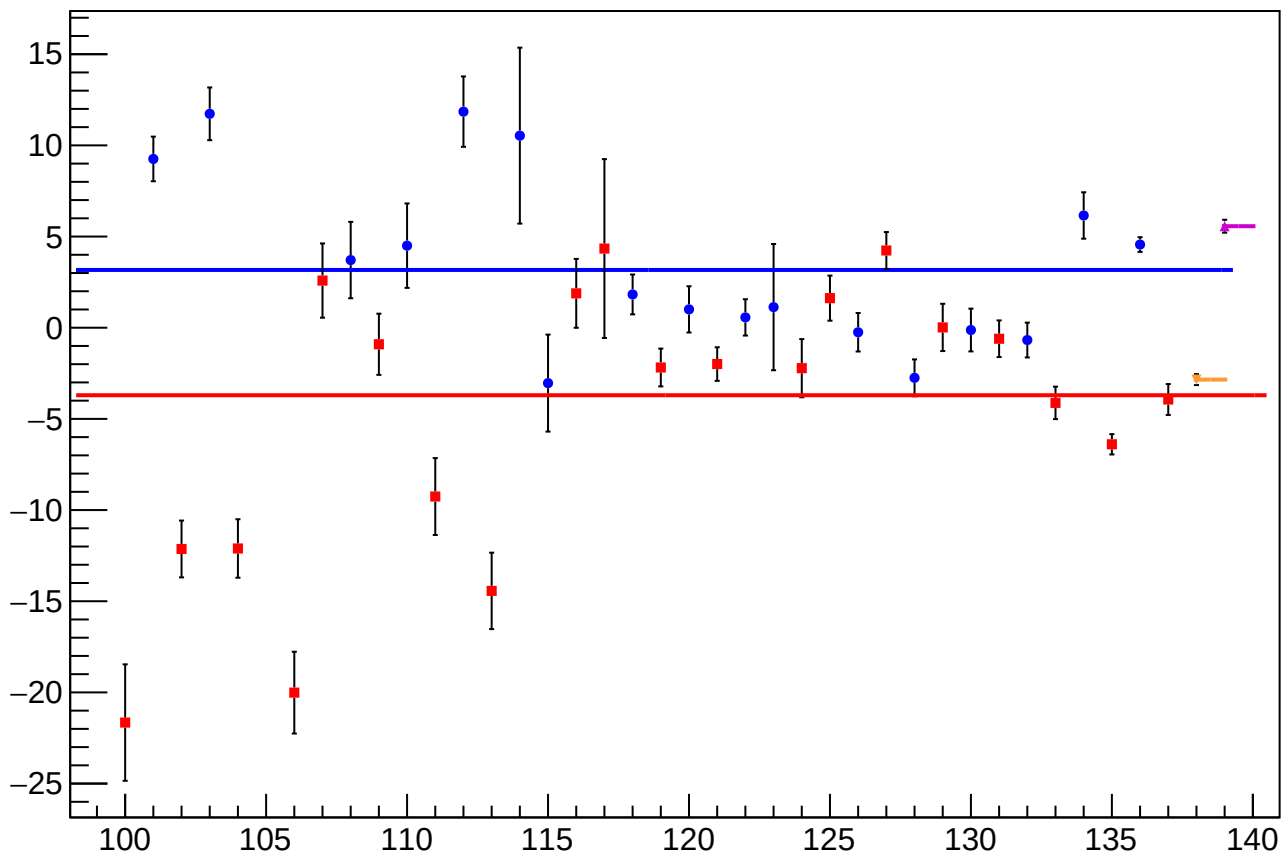
Left In: 53.103 ± 0.565 χ^2/NDF : 0.0/0

-56.568 ± 0.130 χ^2/NDF : 3762.2/17

-3.370 ± 0.095 χ^2/NDF : 370022.5/38

57.455 ± 0.139 χ^2/NDF : 4761.8/20

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 $\pm$ 0.258 χ^2 /NDF: 186.2/16

Left Out: -2.845 $\pm$ 0.300 χ^2 /NDF: 0.0/0

Right Out: -3.702 $\pm$ 0.267 χ^2 /NDF: 326.0/19

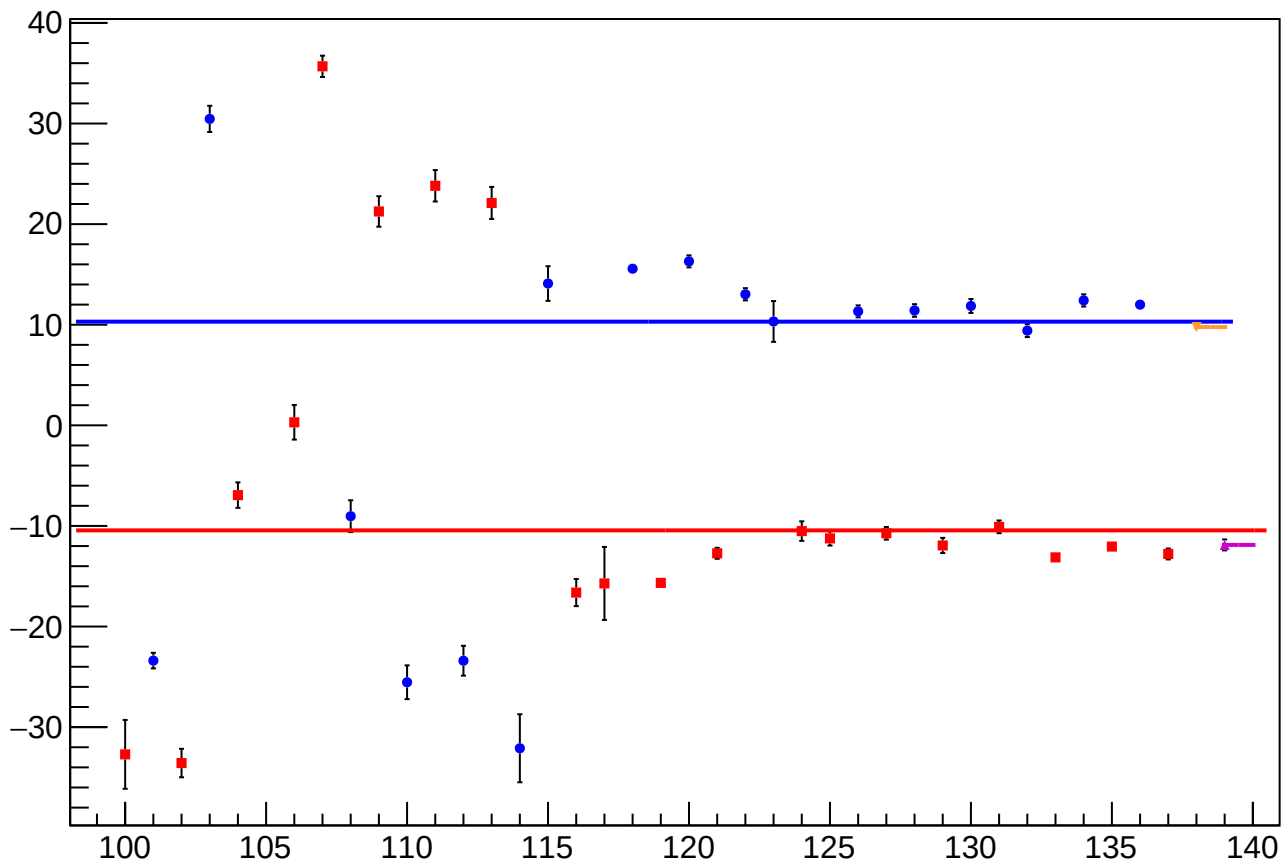
Left In: 5.567 $\pm$ 0.356 χ^2 /NDF: 0.0/0

0.616 $\pm$ 0.196 χ^2 /NDF: 417.2/17

0.167 $\pm$ 0.144 χ^2 /NDF: 1189.4/38

-0.367 $\pm$ 0.213 χ^2 /NDF: 760.7/20

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: -10.443 ± 0.160 χ^2/NDF : 3830.6/19

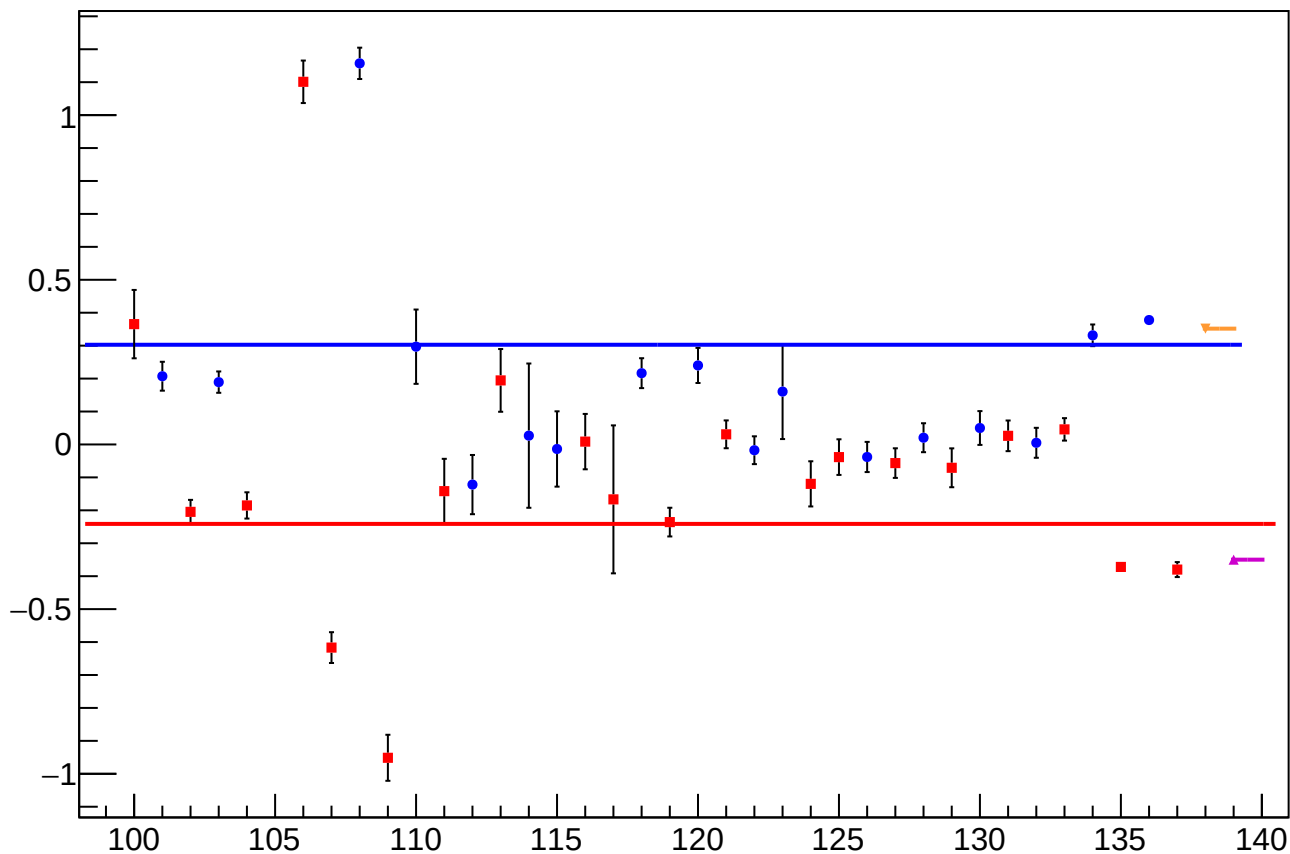
Left In: -11.887 ± 0.542 χ^2/NDF : 0.0/0

10.217 ± 0.143 χ^2/NDF : 3714.2/17

0.523 ± 0.105 χ^2/NDF : 17355.2/38

-10.558 ± 0.153 χ^2/NDF : 3837.1/20

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.6/16

Left Out: 0.352 $\pm$ 0.012 χ^2 /NDF:0.0/0

Right Out: -0.241 $\pm$ 0.008 χ^2 /NDF: 986.9/19

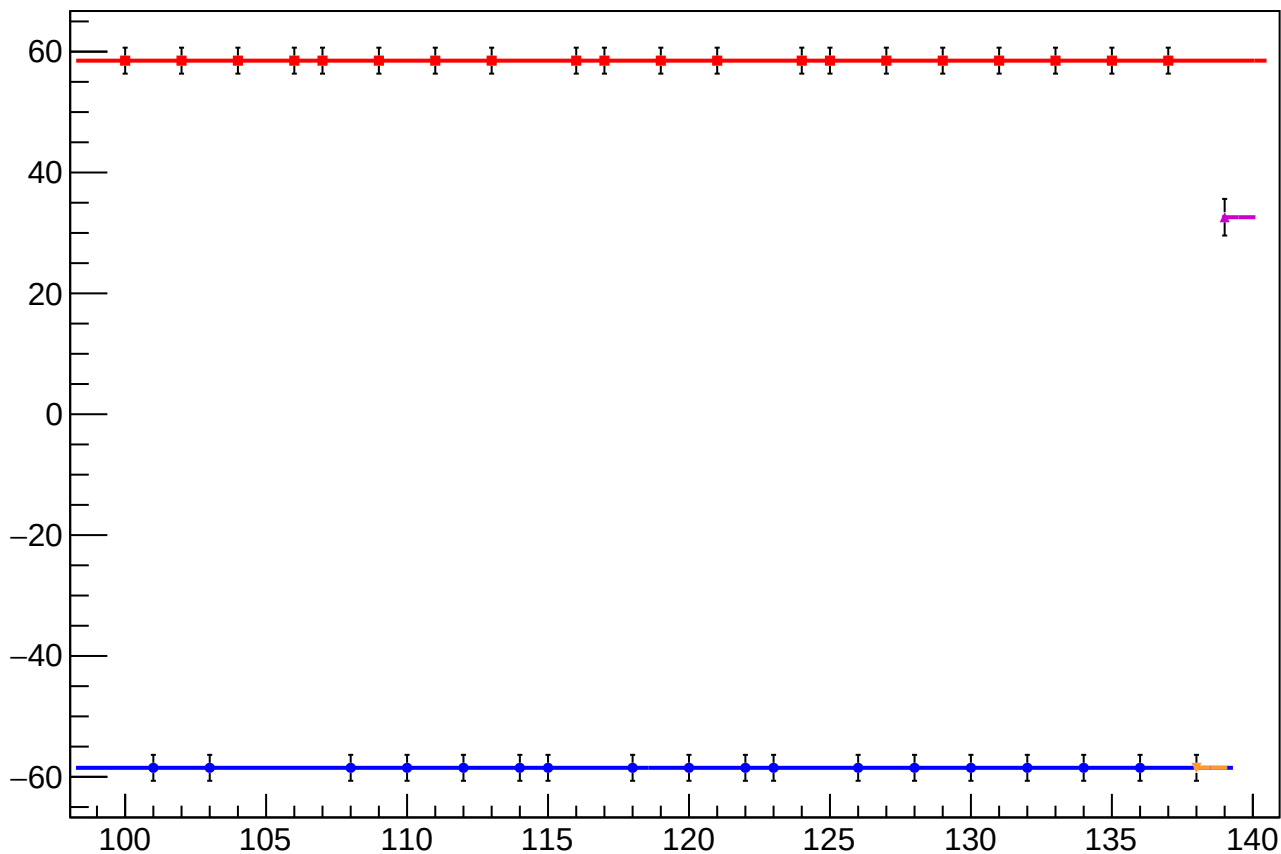
Left In: -0.350 $\pm$ 0.012 χ^2 /NDF:0.0/0

0.319 $\pm$ 0.007 χ^2 /NDF: 658.6/17

0.031 $\pm$ 0.005 χ^2 /NDF: 5559.4/38

-0.278 $\pm$ 0.007 χ^2 /NDF: 1041.9/20

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.509 ± 0.521 χ^2/NDF : 0.0/16

Left Out: -58.509 ± 2.148 χ^2/NDF : 0.0/0

Right Out: 58.509 ± 0.480 χ^2/NDF : 0.0/19

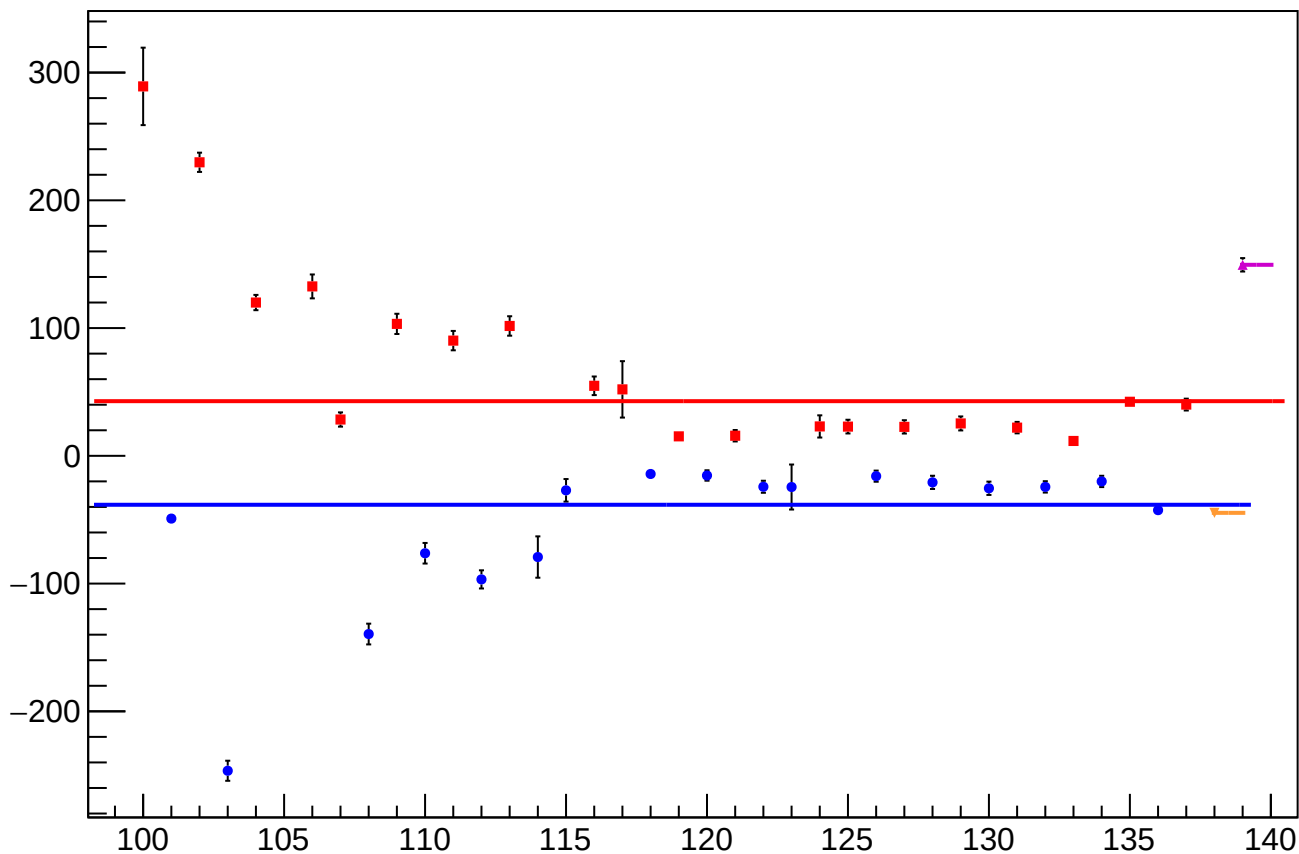
Left In: 32.602 ± 3.032 χ^2/NDF : 0.0/0

-58.509 ± 0.506 χ^2/NDF : 0.0/17

3.464 ± 0.346 χ^2/NDF : 28201.9/38

57.875 ± 0.474 χ^2/NDF : 71.2/20

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -44.638 ± 2.106 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 42.784 ± 1.209 $\chi^2/\text{NDF}: 1341.8/19$

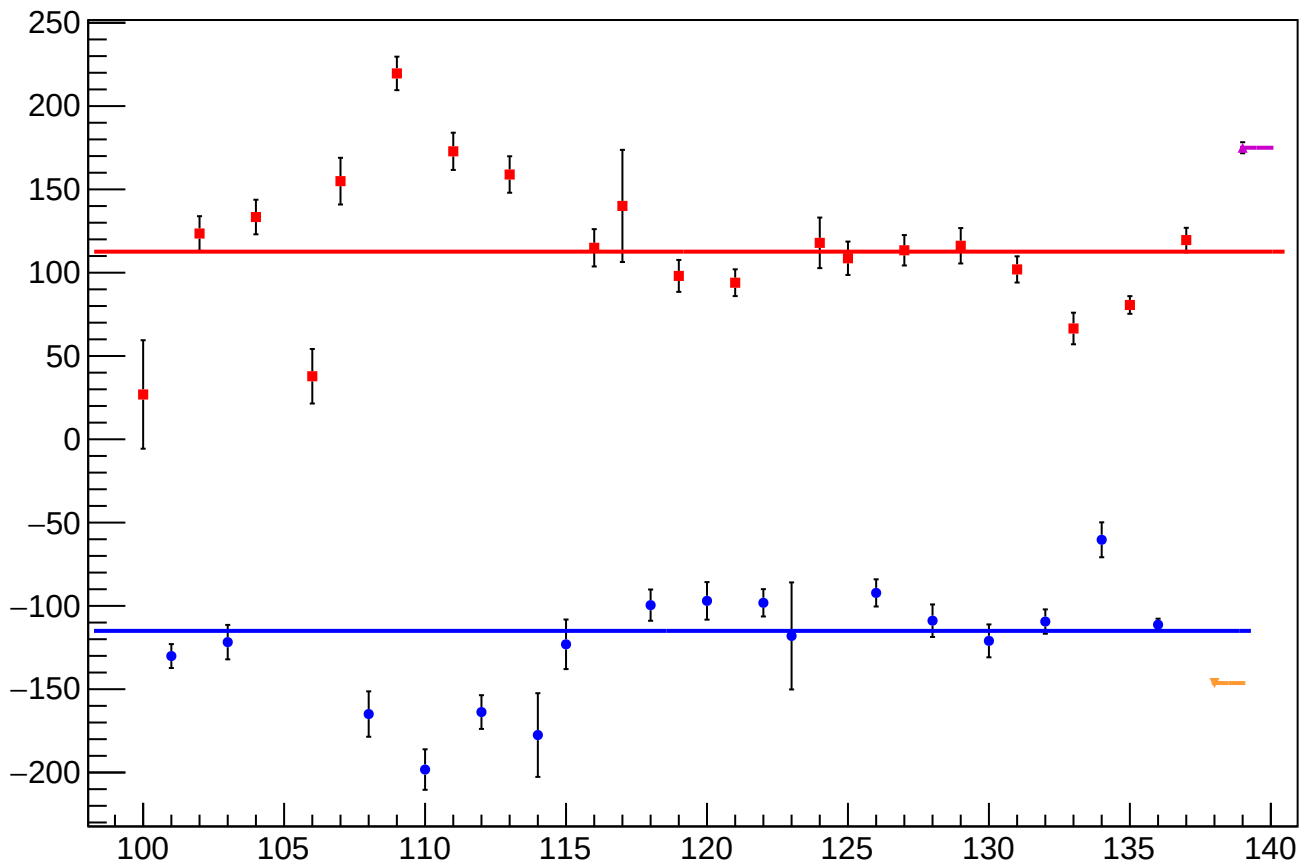
Left In: 149.522 ± 5.255 $\chi^2/\text{NDF}: 0.0/0$

-39.737 ± 1.001 $\chi^2/\text{NDF}: 1139.6/17$

-2.909 ± 0.763 $\chi^2/\text{NDF}: 6106.7/38$

48.149 ± 1.178 $\chi^2/\text{NDF}: 1733.7/20$

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: 112.628+/-2.202 χ^2 /NDF: 273.8/19

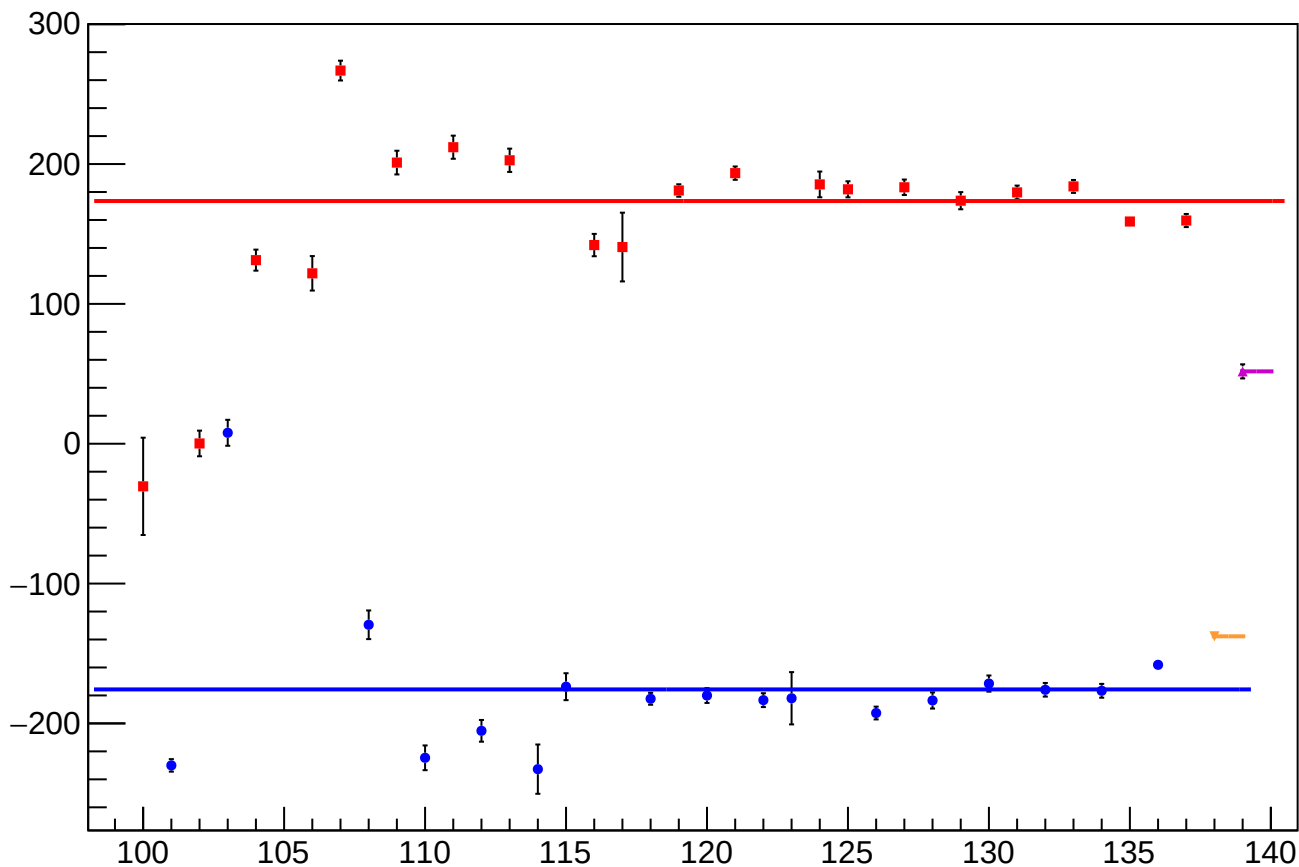
Left In: 175.003+/-3.306 χ^2 /NDF:0.0/0

-128.835+/-1.548 χ^2 /NDF: 242.7/17

-20.298+/-1.183 χ^2 /NDF: 12565.9/38

131.795+/-1.833 χ^2 /NDF: 520.4/20

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: 173.566 ± 1.354 χ^2/NDF : 739.5/19

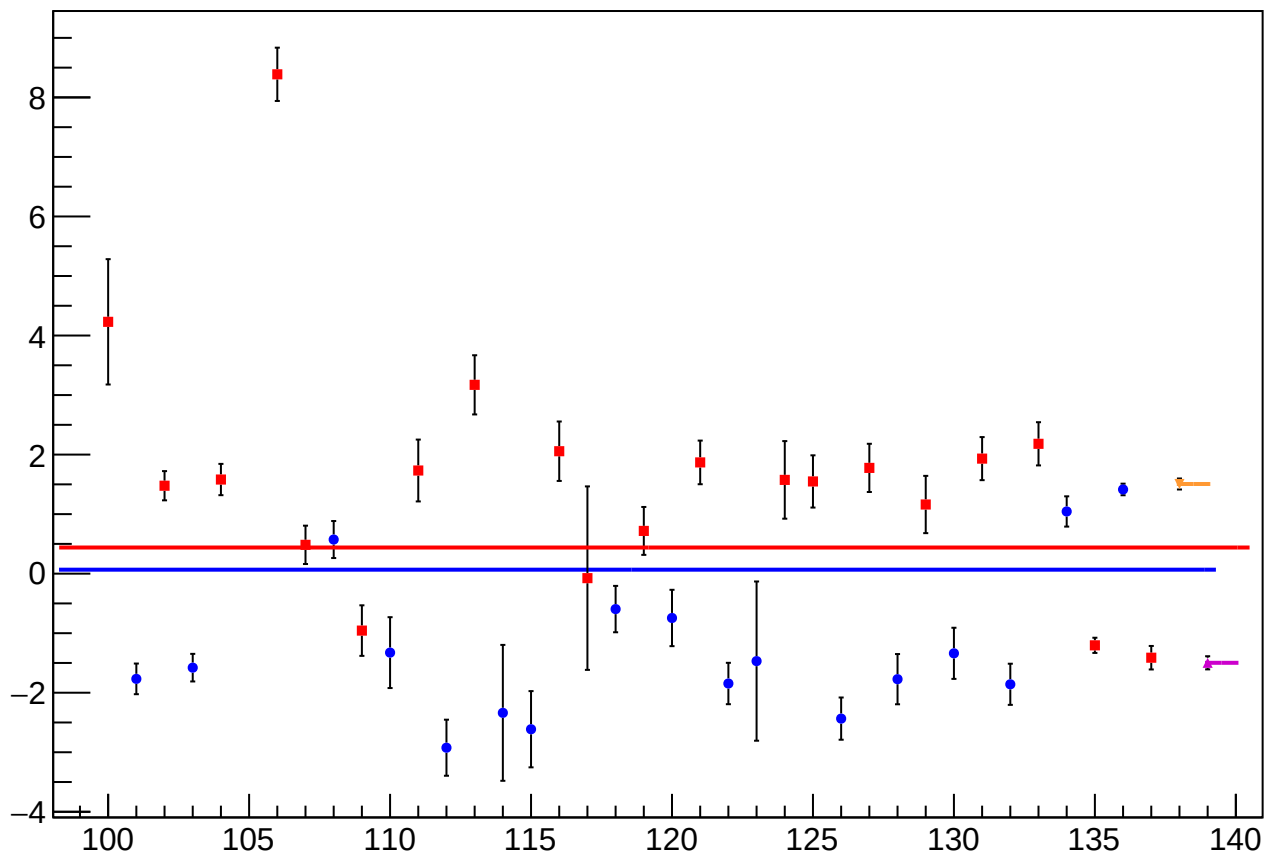
Left In: 51.745 ± 5.047 χ^2/NDF : 0.0/0

-167.543 ± 1.123 χ^2/NDF : 885.6/17

-26.173 ± 0.852 χ^2/NDF : 39471.1/38

165.388 ± 1.308 χ^2/NDF : 1283.1/20

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 $\pm$ 0.067 χ^2 /NDF: 526.1/16

Left Out: 1.506 $\pm$ 0.092 χ^2 /NDF: 0.0/0

Right Out: 0.439 $\pm$ 0.071 χ^2 /NDF: 755.0/19

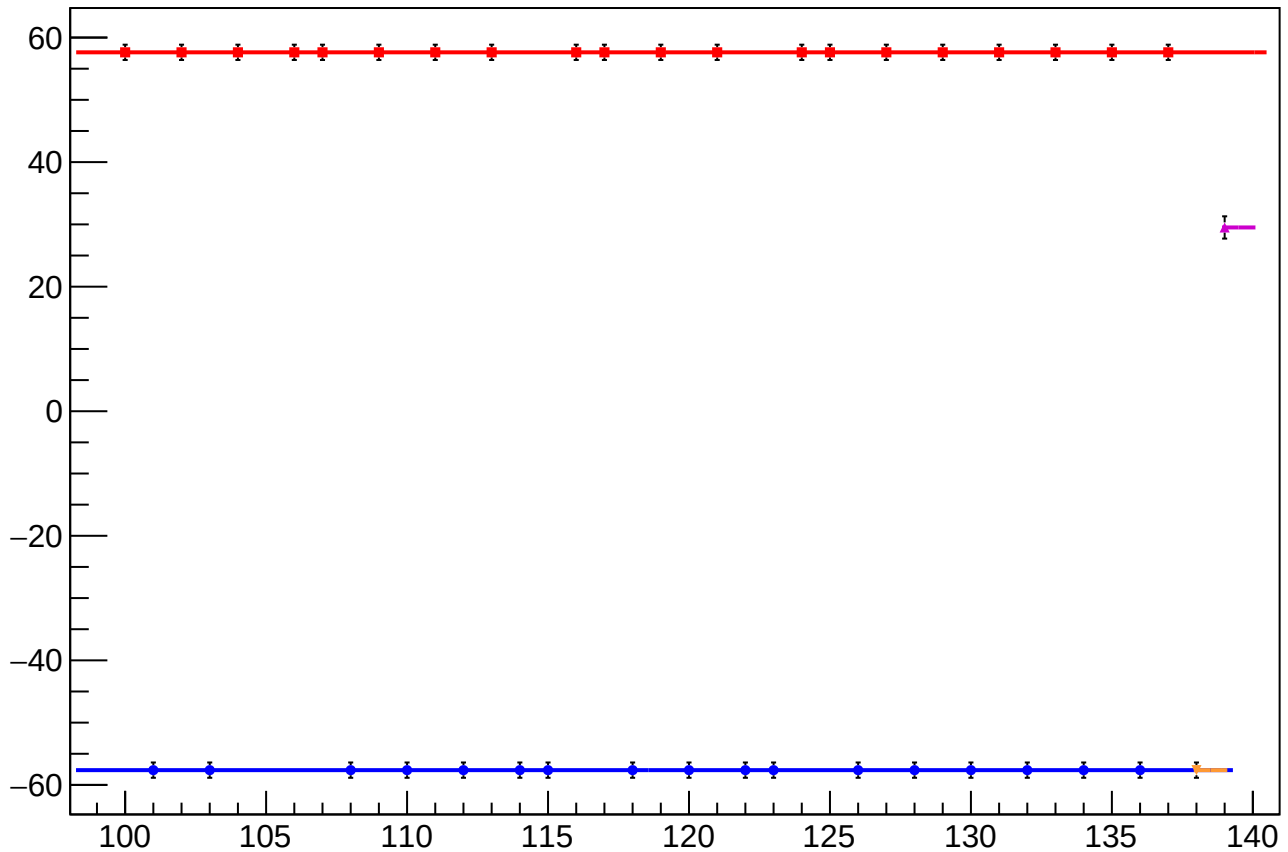
Left In: -1.498 $\pm$ 0.110 χ^2 /NDF: 0.0/0

0.563 $\pm$ 0.054 χ^2 /NDF: 685.3/17

0.251 $\pm$ 0.040 χ^2 /NDF: 1731.0/38

-0.127 $\pm$ 0.060 χ^2 /NDF: 972.5/20

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -57.628 ± 0.298 χ^2/NDF : 0.0/16

Left Out: -57.628 ± 1.229 χ^2/NDF : 0.0/0

Right Out: 57.628 ± 0.275 χ^2/NDF : 0.0/19

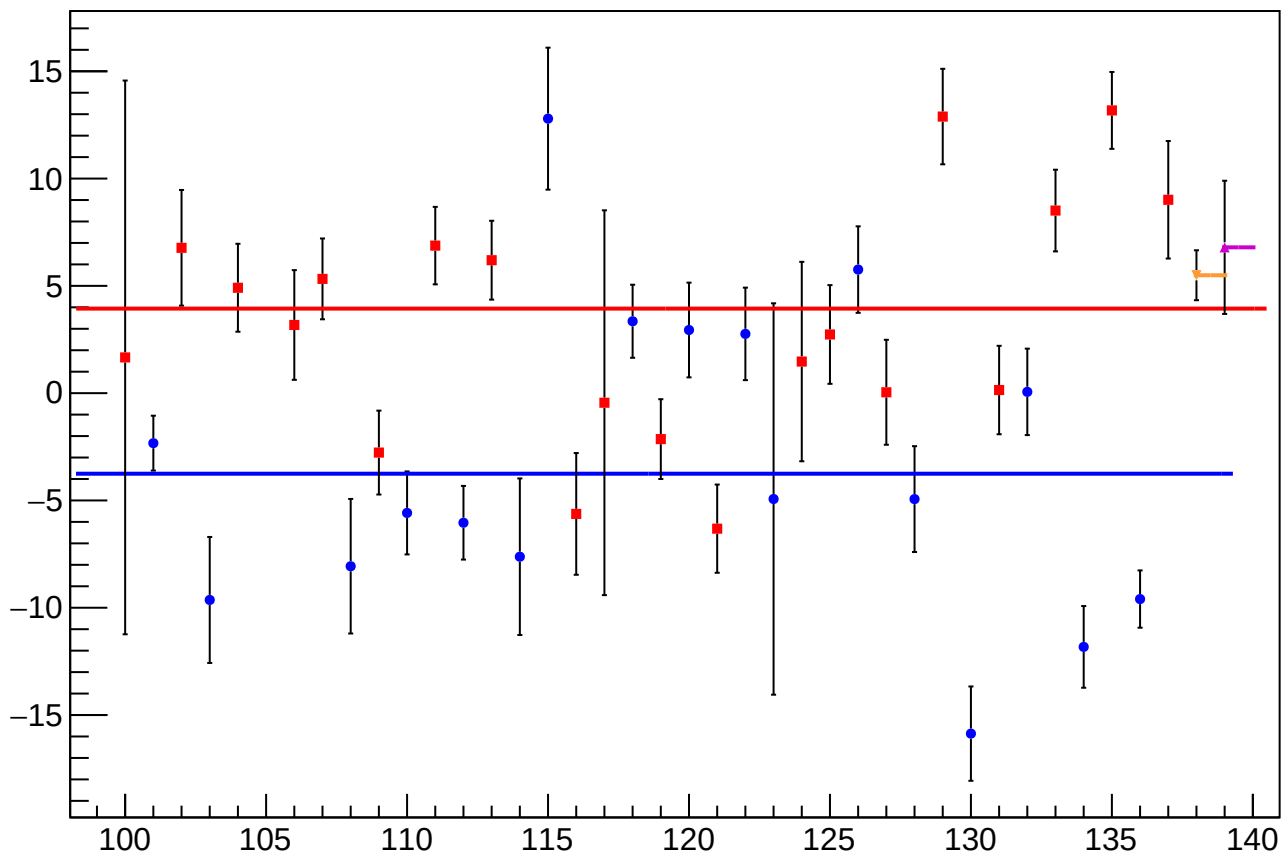
Left In: 29.509 ± 1.789 χ^2/NDF : 0.0/0

-57.628 ± 0.290 χ^2/NDF : 0.0/17

3.358 ± 0.198 χ^2/NDF : 83486.1/38

56.980 ± 0.272 χ^2/NDF : 241.4/20

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: 5.495 ± 1.164 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3.940 ± 0.506 $\chi^2/\text{NDF}: 123.6/19$

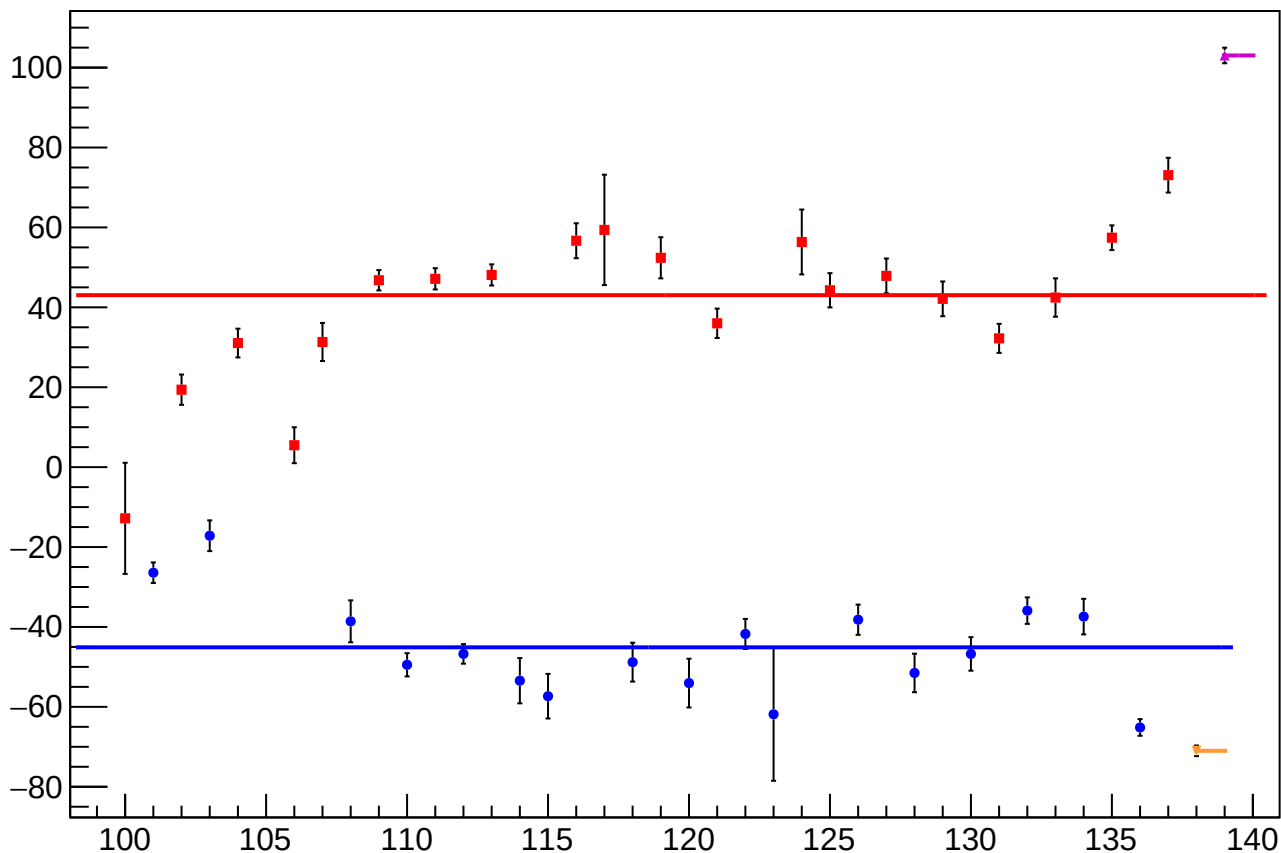
Left In: 6.795 ± 3.103 $\chi^2/\text{NDF}: 0.0/0$

-2.337 ± 0.456 $\chi^2/\text{NDF}: 218.8/17$

0.547 ± 0.337 $\chi^2/\text{NDF}: 431.4/38$

4.014 ± 0.499 $\chi^2/\text{NDF}: 124.4/20$

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: 43.045±/0.876 χ^2/NDF : 250.3/19

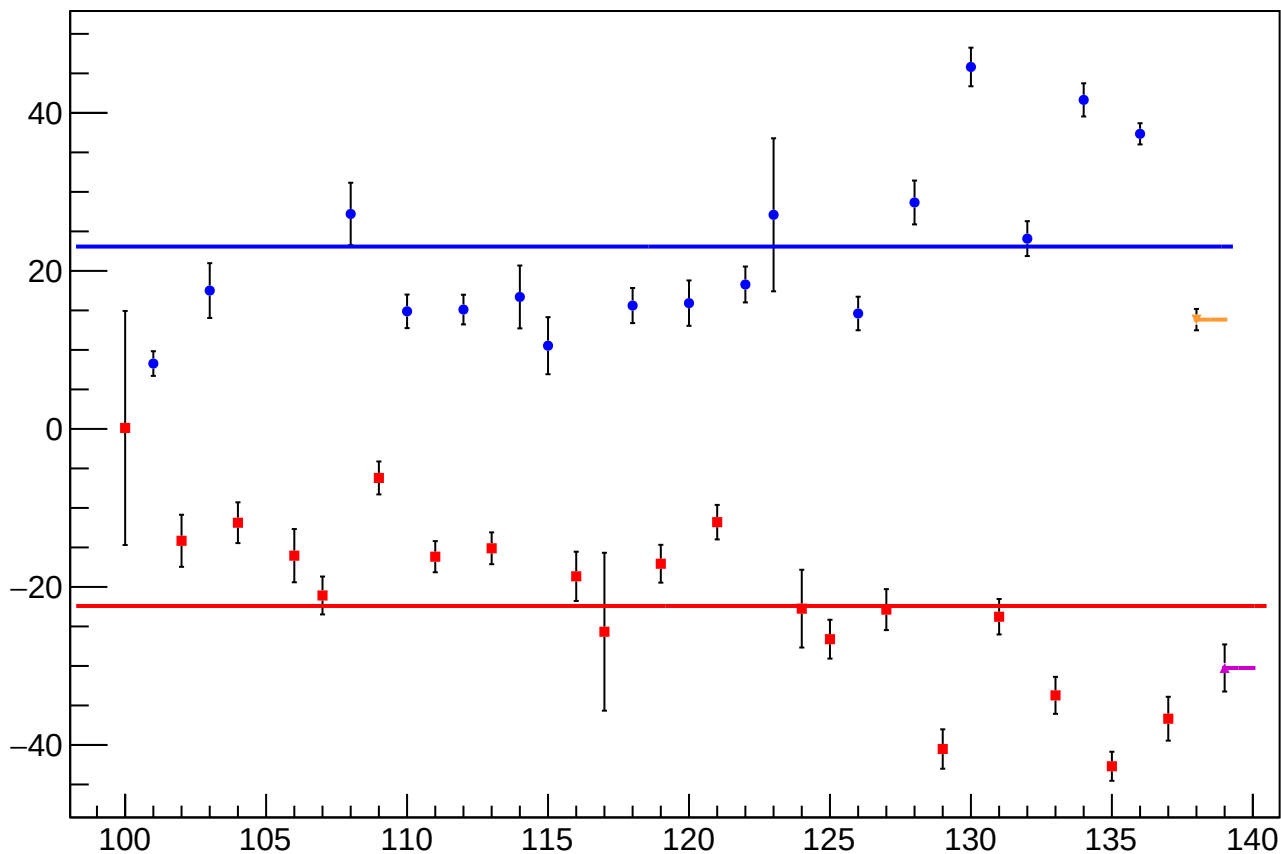
Left In: 103.039±/1.950 χ^2/NDF : 0.0/0

-52.981±/0.735 χ^2/NDF : 492.9/17

-4.359±/0.541 χ^2/NDF : 11086.0/38

53.108±/0.799 χ^2/NDF : 1037.8/20

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 13.835 $\pm$ 1.352 χ^2 /NDF: 0.0/0

Right Out: -22.408 $\pm$ 0.571 χ^2 /NDF: 370.4/19

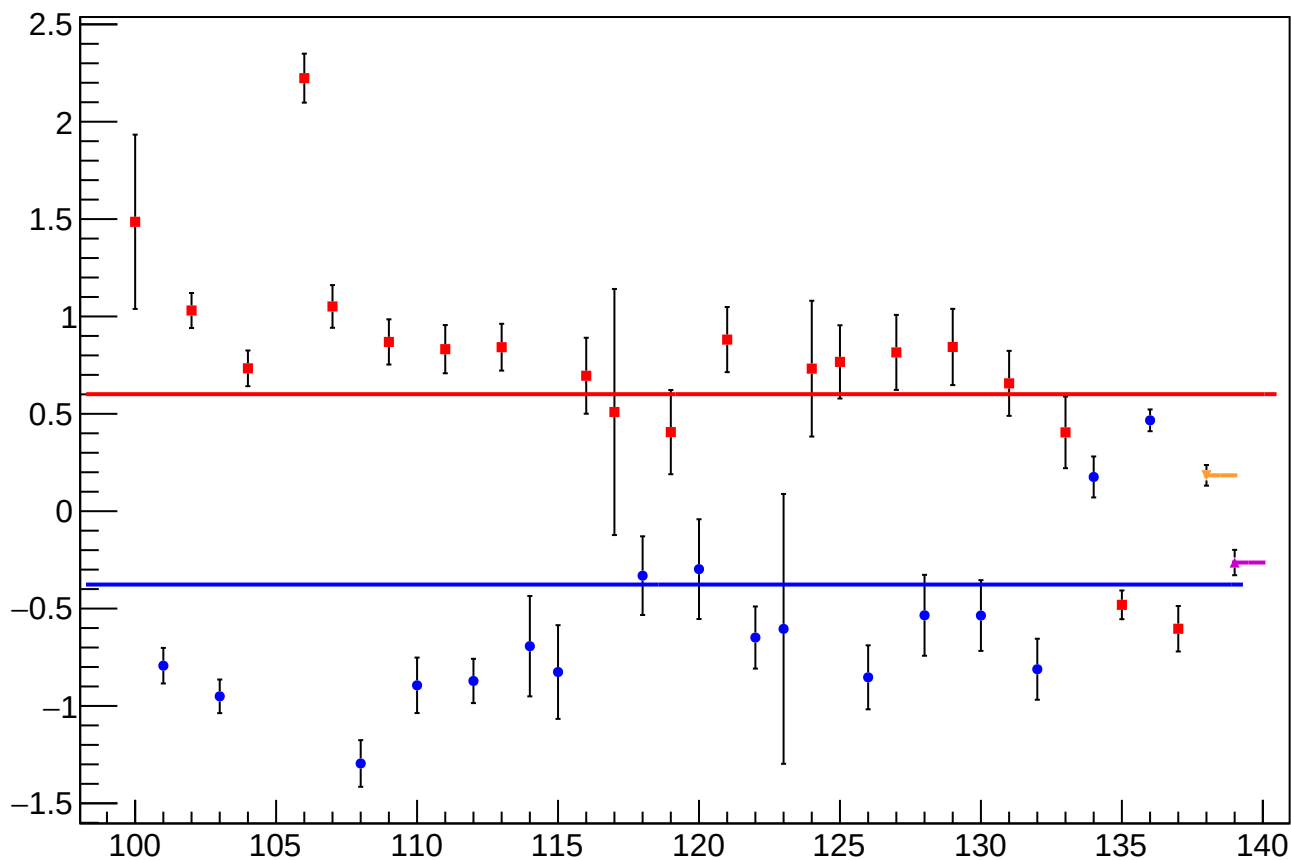
Left In: -30.257 $\pm$ 2.981 χ^2 /NDF: 0.0/0

21.742 $\pm$ 0.514 χ^2 /NDF: 501.1/17

1.472 $\pm$ 0.379 χ^2 /NDF: 4286.2/38

-22.686 $\pm$ 0.561 χ^2 /NDF: 377.1/20

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 : 555.6/19

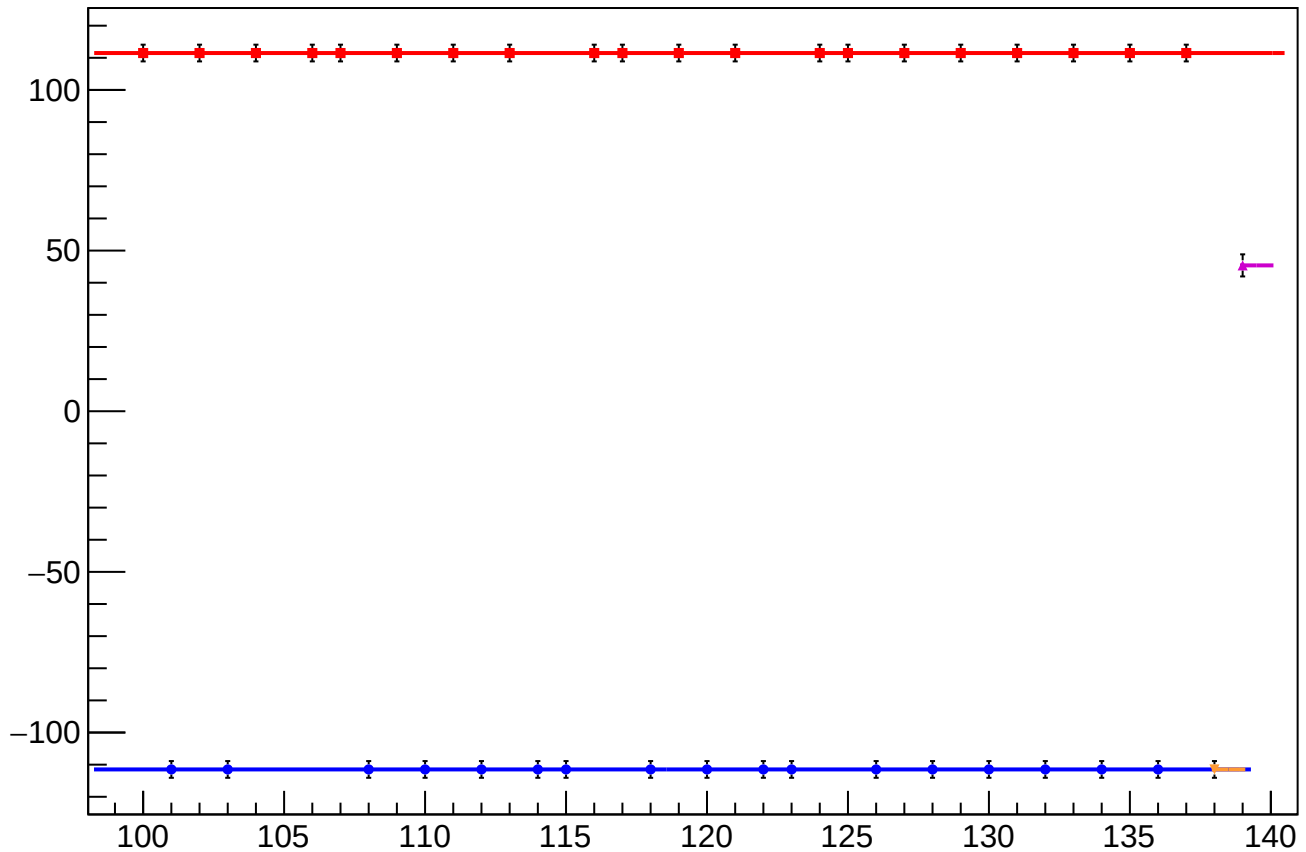
Left In: -0.264 ± 0.065 χ^2/NDF : 0.0/0

-0.241 ± 0.026 χ^2/NDF : 521.6/17

0.089 ± 0.019 χ^2/NDF : 1553.7/38

0.448 ± 0.027 χ^2/NDF : 700.9/20

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -111.486 ± 0.632 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -111.486 ± 2.604 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 111.486 ± 0.582 $\chi^2/\text{NDF}: 0.0/19$

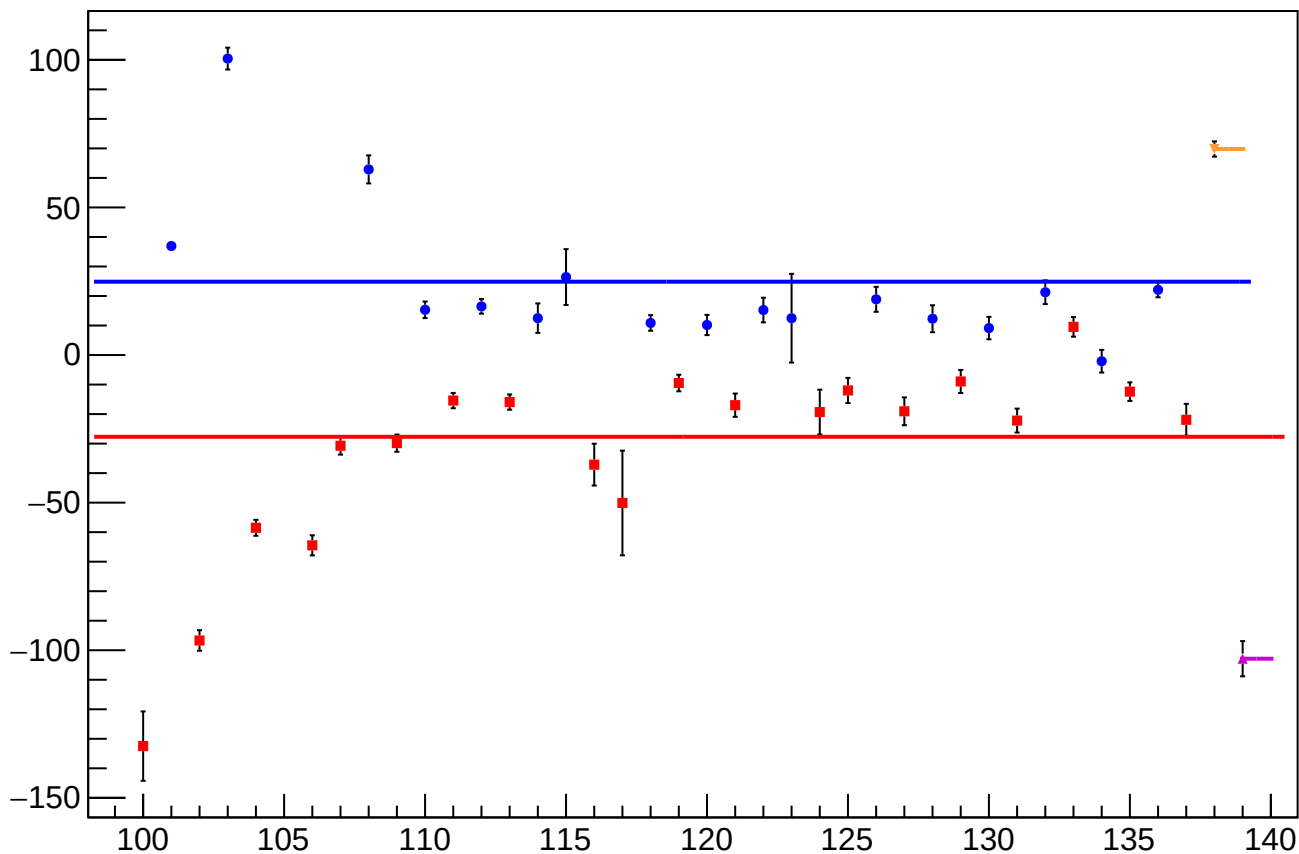
Left In: 45.393 ± 3.440 $\chi^2/\text{NDF}: 0.0/0$

-111.486 ± 0.614 $\chi^2/\text{NDF}: 0.0/17$

6.455 ± 0.419 $\chi^2/\text{NDF}: 69577.7/38$

109.645 ± 0.574 $\chi^2/\text{NDF}: 358.8/20$

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: -27.695 $\pm$ 0.810 χ^2 /NDF: 1010.8/19

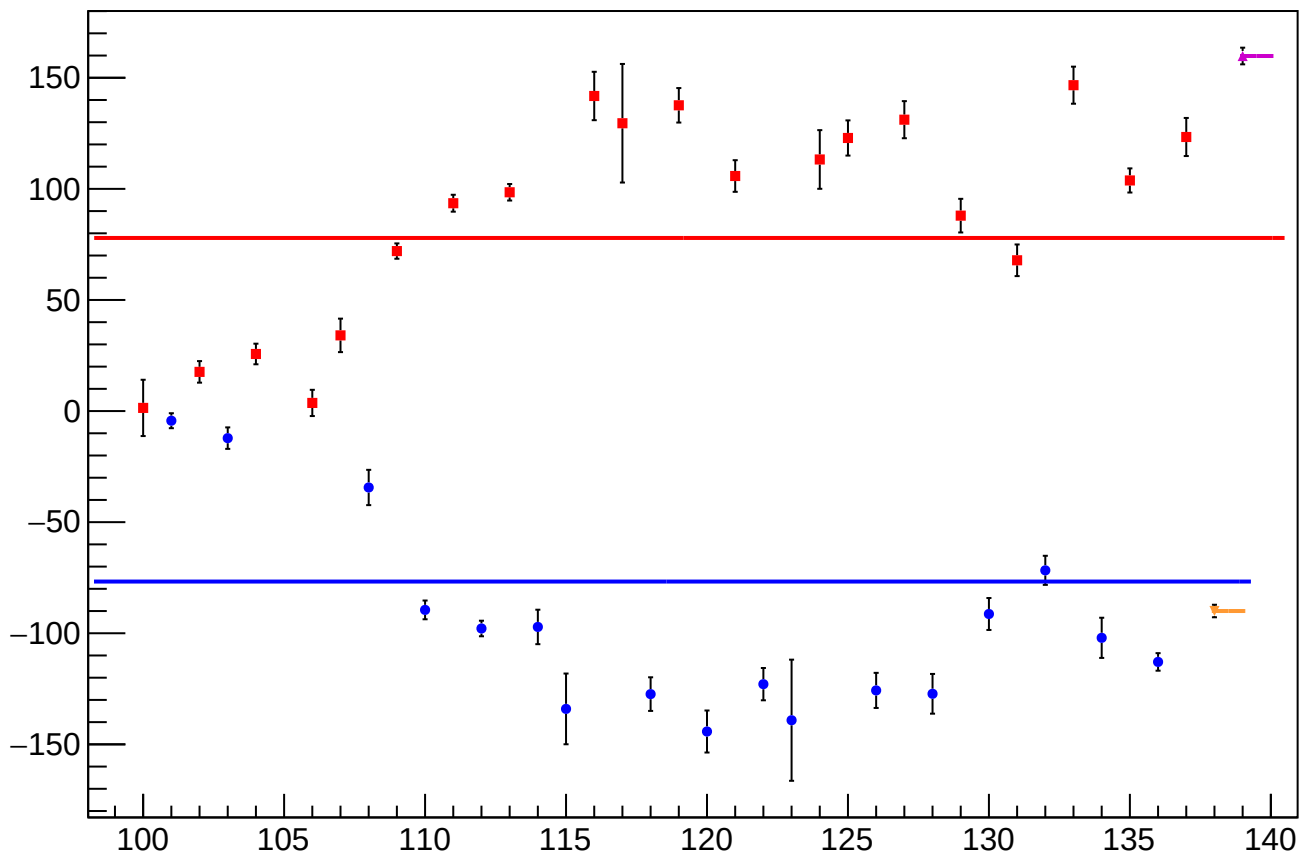
Left In: -102.874 $\pm$ 5.969 χ^2 /NDF: 0.0/0

28.763 $\pm$ 0.765 χ^2 /NDF: 965.3/17

1.223 $\pm$ 0.554 χ^2 /NDF: 4852.0/38

-29.053 $\pm$ 0.802 χ^2 /NDF: 1166.5/20

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 ± 1.412 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -89.988 ± 2.823 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 77.905 ± 1.351 $\chi^2/\text{NDF}: 875.6/19$

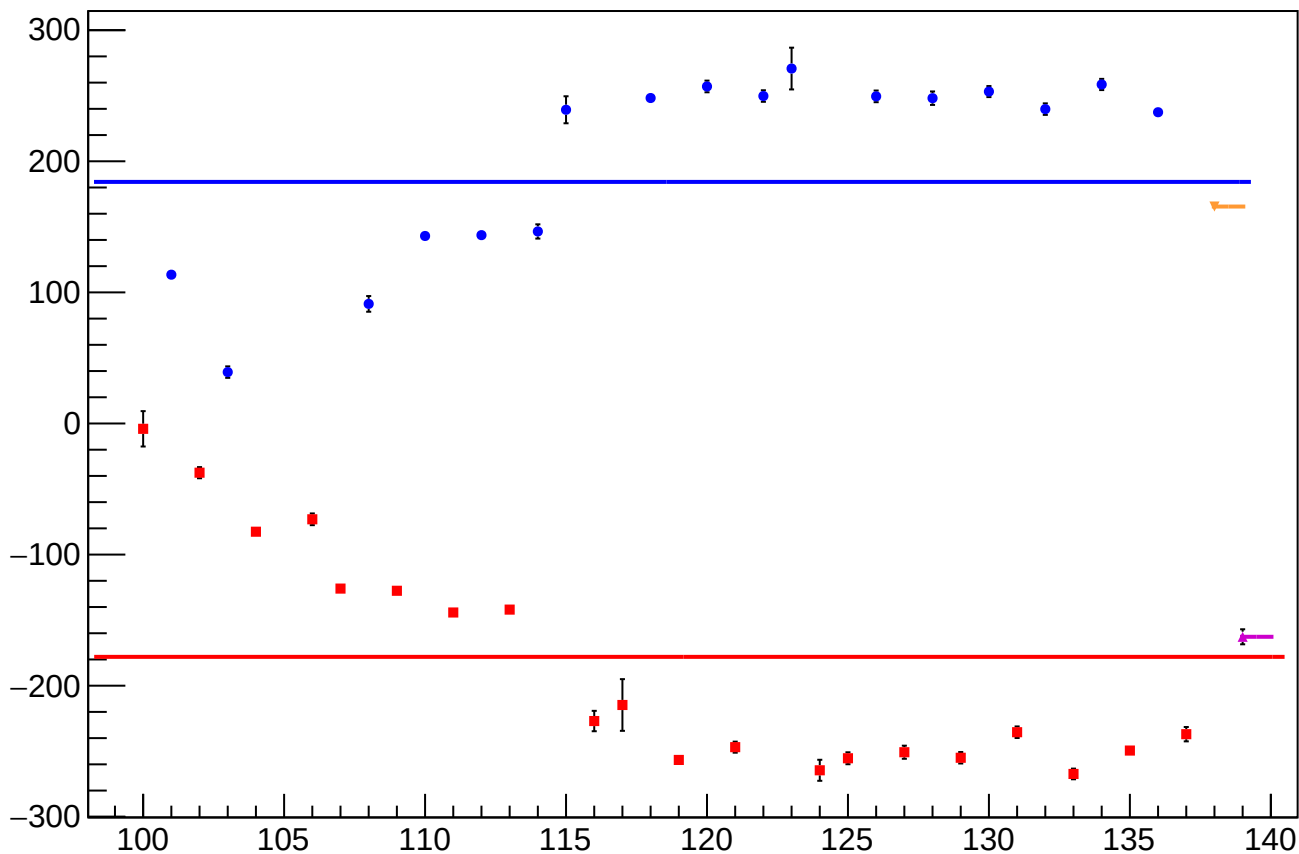
Left In: 159.795 ± 3.751 $\chi^2/\text{NDF}: 0.0/0$

-79.382 ± 1.263 $\chi^2/\text{NDF}: 1059.7/17$

3.454 ± 0.896 $\chi^2/\text{NDF}: 11013.2/38$

87.303 ± 1.271 $\chi^2/\text{NDF}: 1297.5/20$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF : 5401.0/16

Left Out: 165.473+/-2.973 χ^2/NDF : 0.0/0

Right Out: -178.011+/-0.923 χ^2/NDF : 6334.4/19

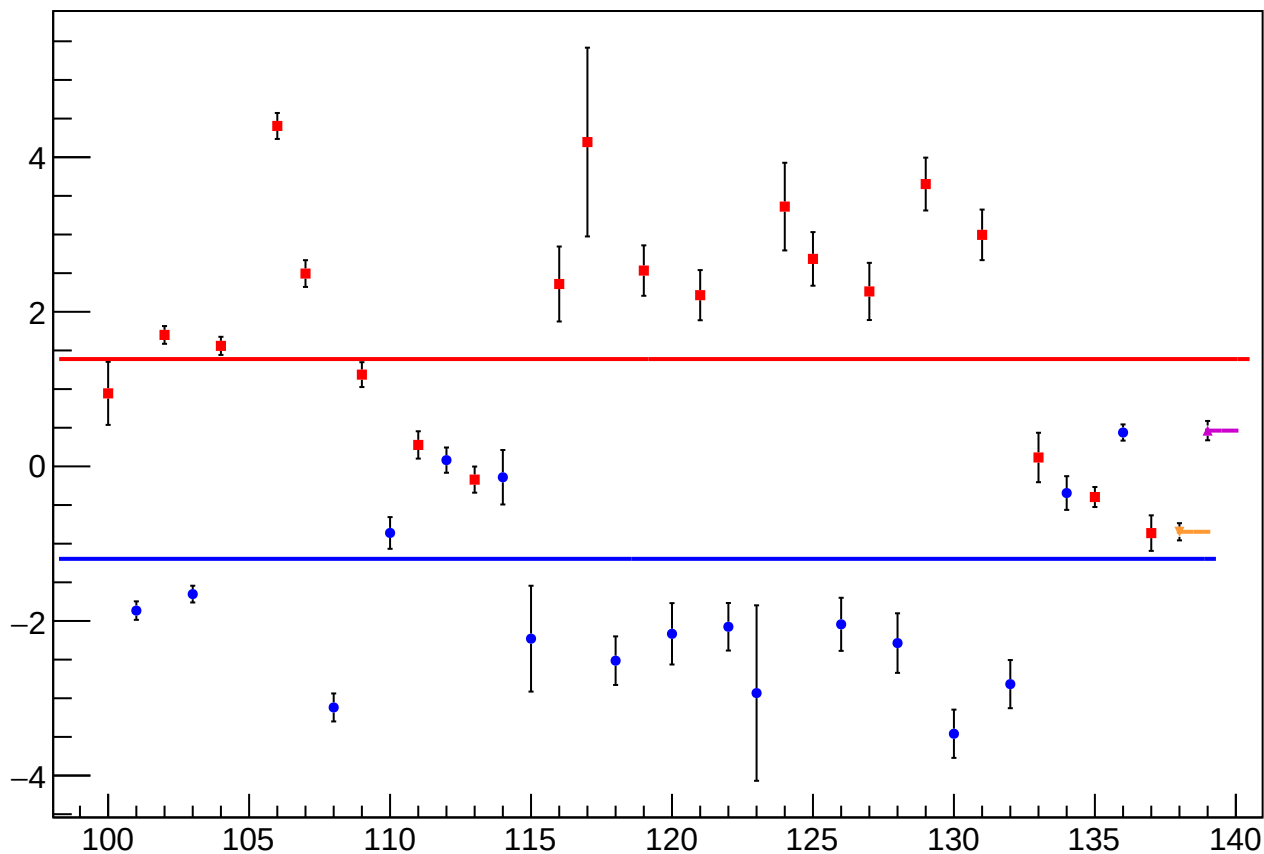
Left In: -162.703+/-5.733 χ^2/NDF : 0.0/0

182.649+/-0.873 χ^2/NDF : 5437.5/17

10.152+/-0.631 χ^2/NDF : 93258.4/38

-177.624+/-0.911 χ^2/NDF : 6341.4/20

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: 1.389 ± 0.046 χ^2/NDF : 929.7/19

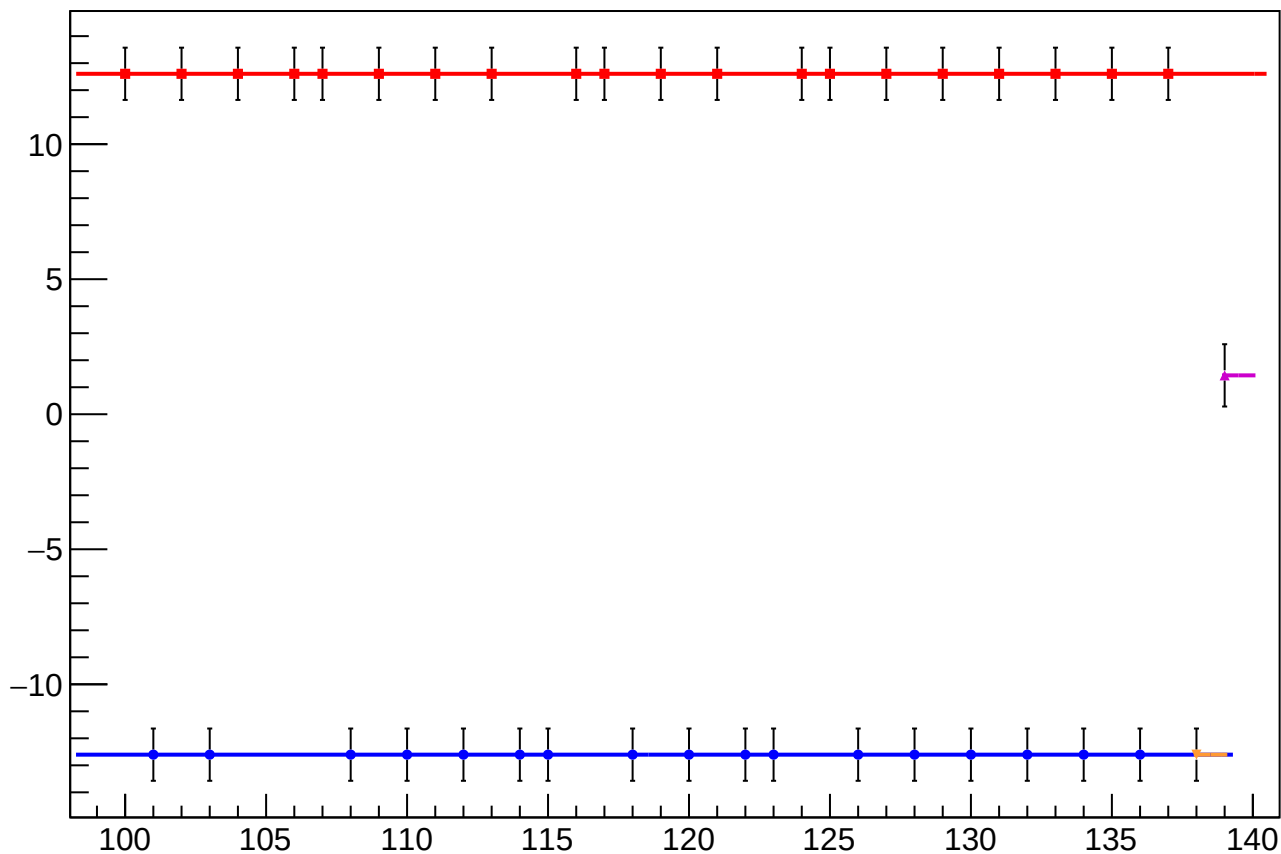
Left In: 0.463 ± 0.125 χ^2/NDF : 0.0/0

-1.141 ± 0.044 χ^2/NDF : 631.4/17

0.102 ± 0.031 χ^2/NDF : 3154.2/38

1.280 ± 0.043 χ^2/NDF : 977.9/20

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -12.605 ± 0.235 χ^2/NDF : 0.0/16

Left Out: -12.605 ± 0.968 χ^2/NDF : 0.0/0

Right Out: 12.605 ± 0.216 χ^2/NDF : 0.0/19

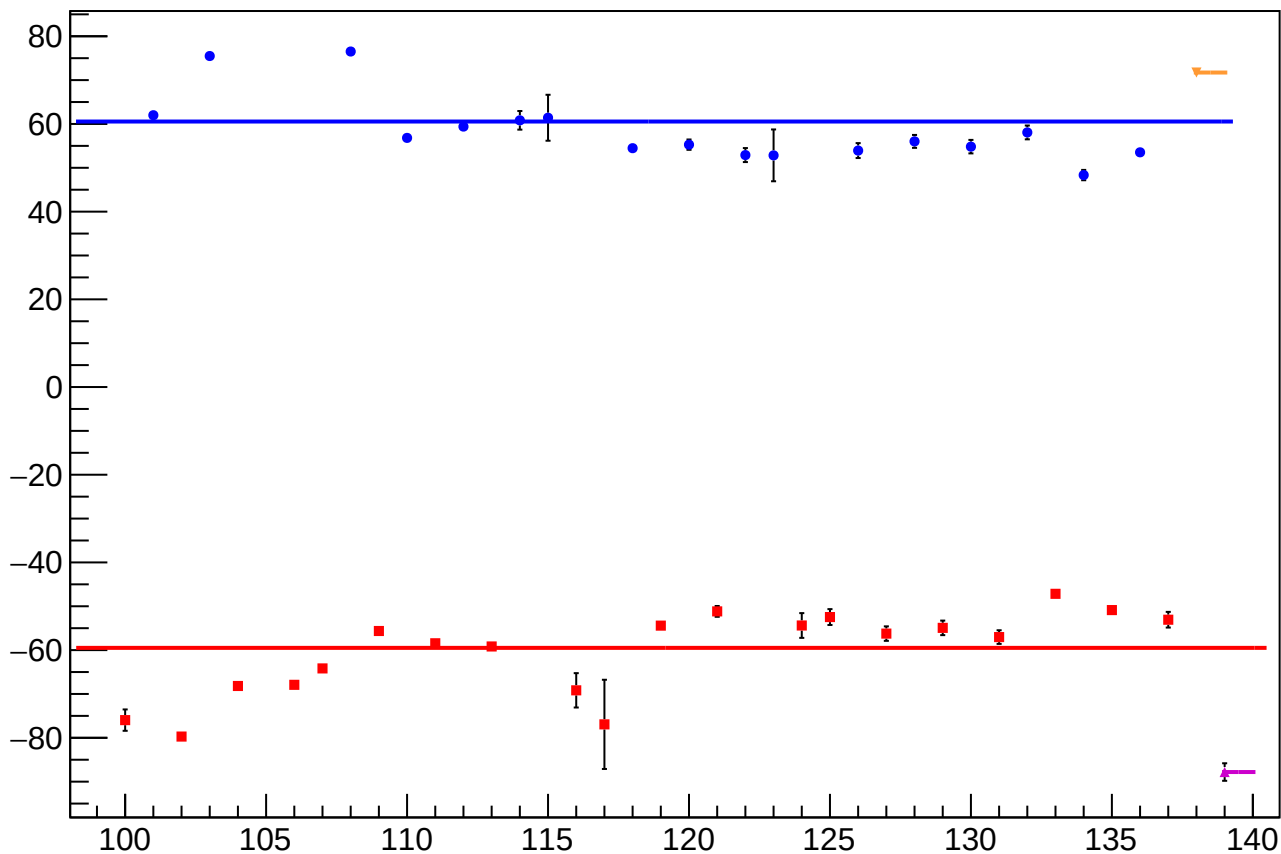
Left In: 1.439 ± 1.153 χ^2/NDF : 0.0/0

-12.605 ± 0.228 χ^2/NDF : 0.0/17

0.678 ± 0.156 χ^2/NDF : 6429.8/38

12.226 ± 0.213 χ^2/NDF : 90.5/20

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554 ± 0.262 $\chi^2/\text{NDF}: 930.8/16$

Left Out: 71.727 ± 1.041 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -59.488 ± 0.248 $\chi^2/\text{NDF}: 1319.9/19$

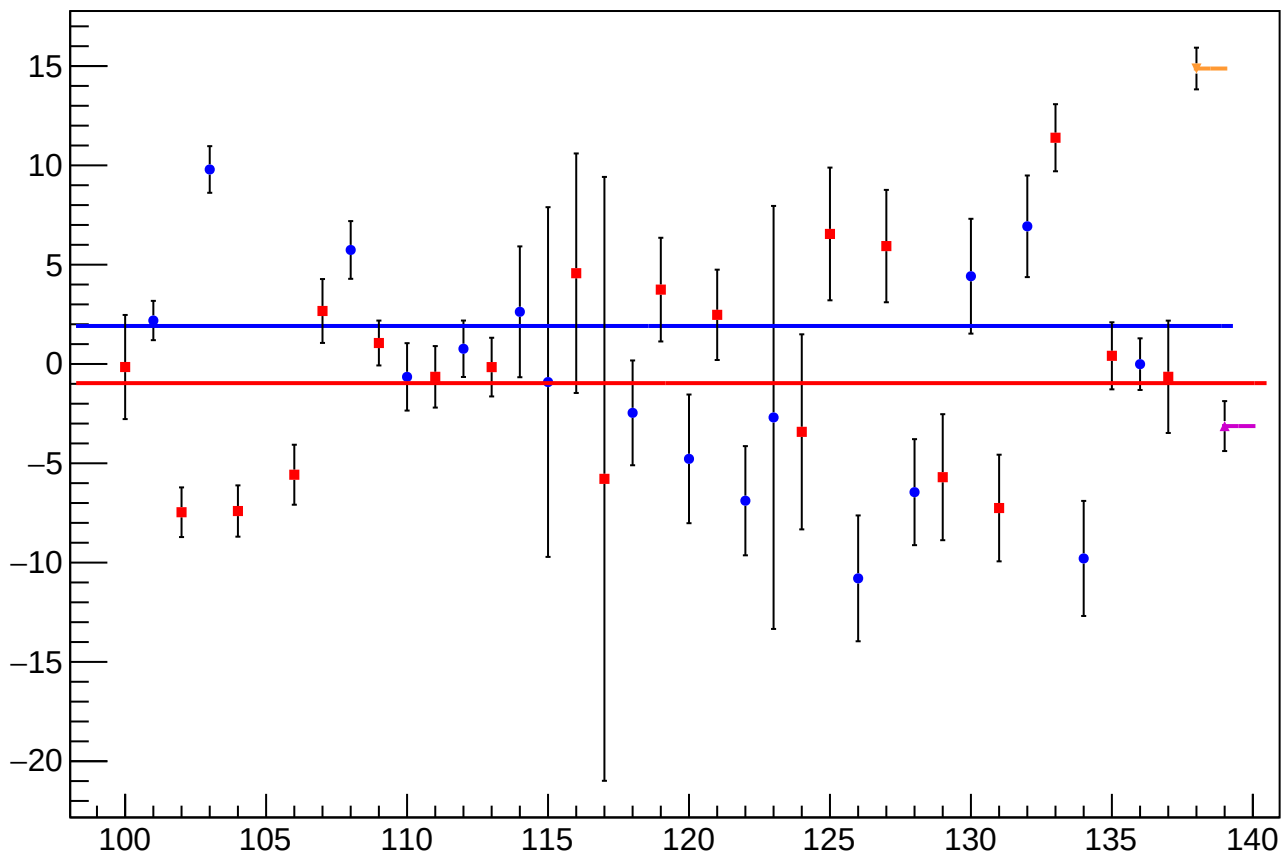
Left In: -87.807 ± 1.999 $\chi^2/\text{NDF}: 0.0/0$

61.217 ± 0.254 $\chi^2/\text{NDF}: 1039.0/17$

-1.223 ± 0.177 $\chi^2/\text{NDF}: 120098.6/38$

-59.916 ± 0.246 $\chi^2/\text{NDF}: 1517.7/20$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 14.876 ± 1.050 χ^2/NDF : 0.0/0

Right Out: -0.964 ± 0.424 χ^2/NDF : 149.6/19

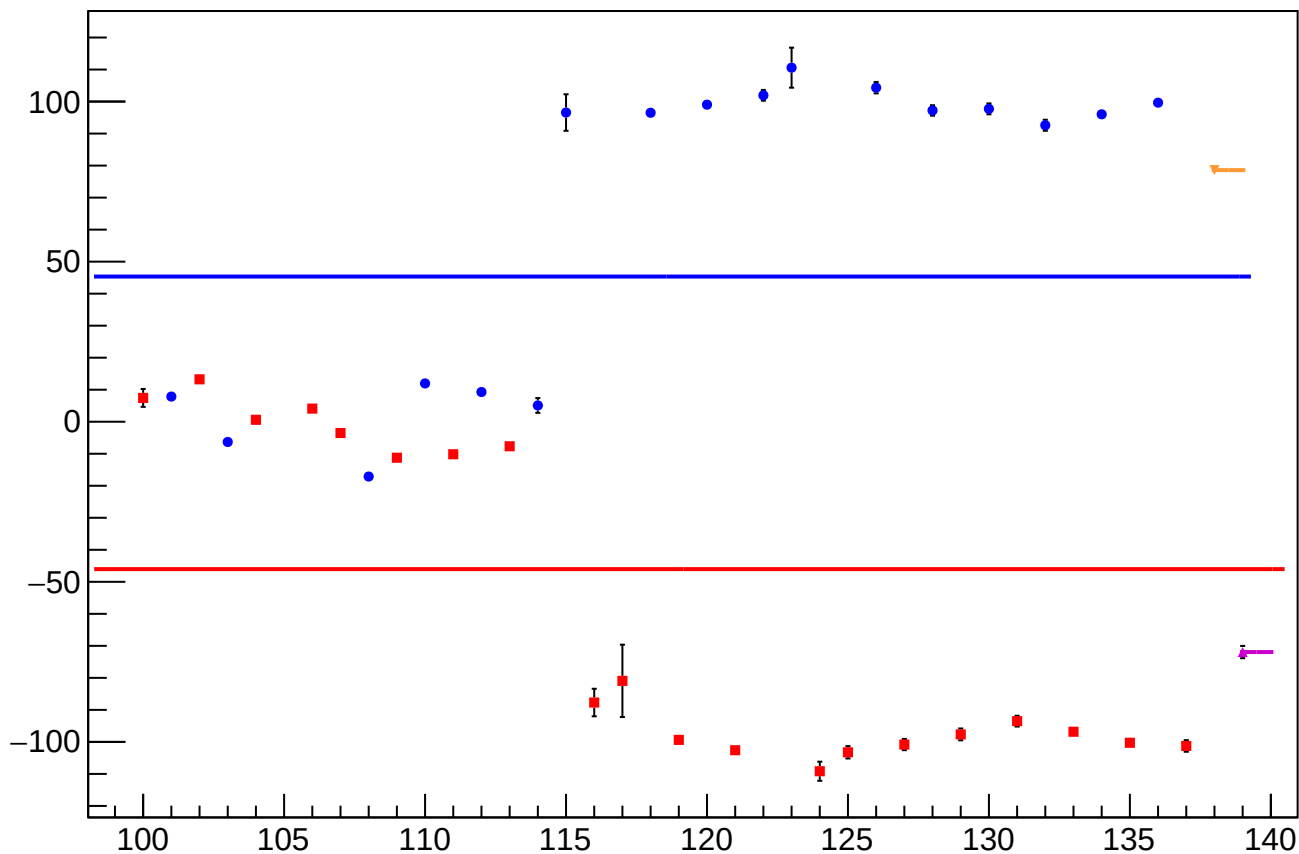
Left In: -3.126 ± 1.258 χ^2/NDF : 0.0/0

3.985 ± 0.420 χ^2/NDF : 249.7/17

1.288 ± 0.290 χ^2/NDF : 481.1/38

-1.185 ± 0.402 χ^2/NDF : 152.2/20

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344 ± 0.303 $\chi^2/\text{NDF}: 25071.0/16$

Left Out: 78.587 ± 1.169 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -46.030 ± 0.289 $\chi^2/\text{NDF}: 28229.5/19$

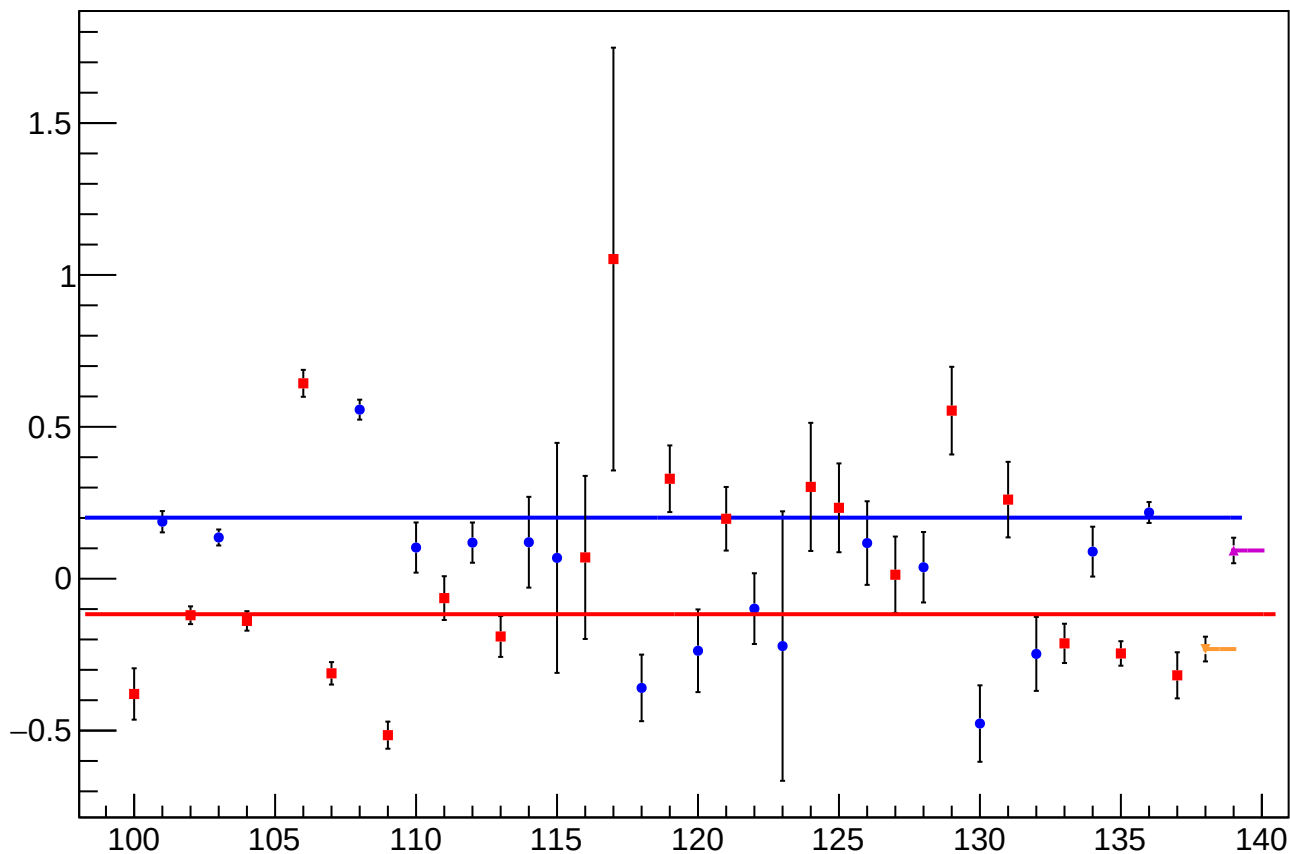
Left In: -71.939 ± 1.920 $\chi^2/\text{NDF}: 0.0/0$

47.440 ± 0.294 $\chi^2/\text{NDF}: 25829.1/17$

-0.779 ± 0.205 $\chi^2/\text{NDF}: 106873.6/38$

-46.605 ± 0.286 $\chi^2/\text{NDF}: 28407.6/20$

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.8/16$

Left Out: -0.232 ± 0.041 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.117 ± 0.013 $\chi^2/\text{NDF}: 503.0/19$

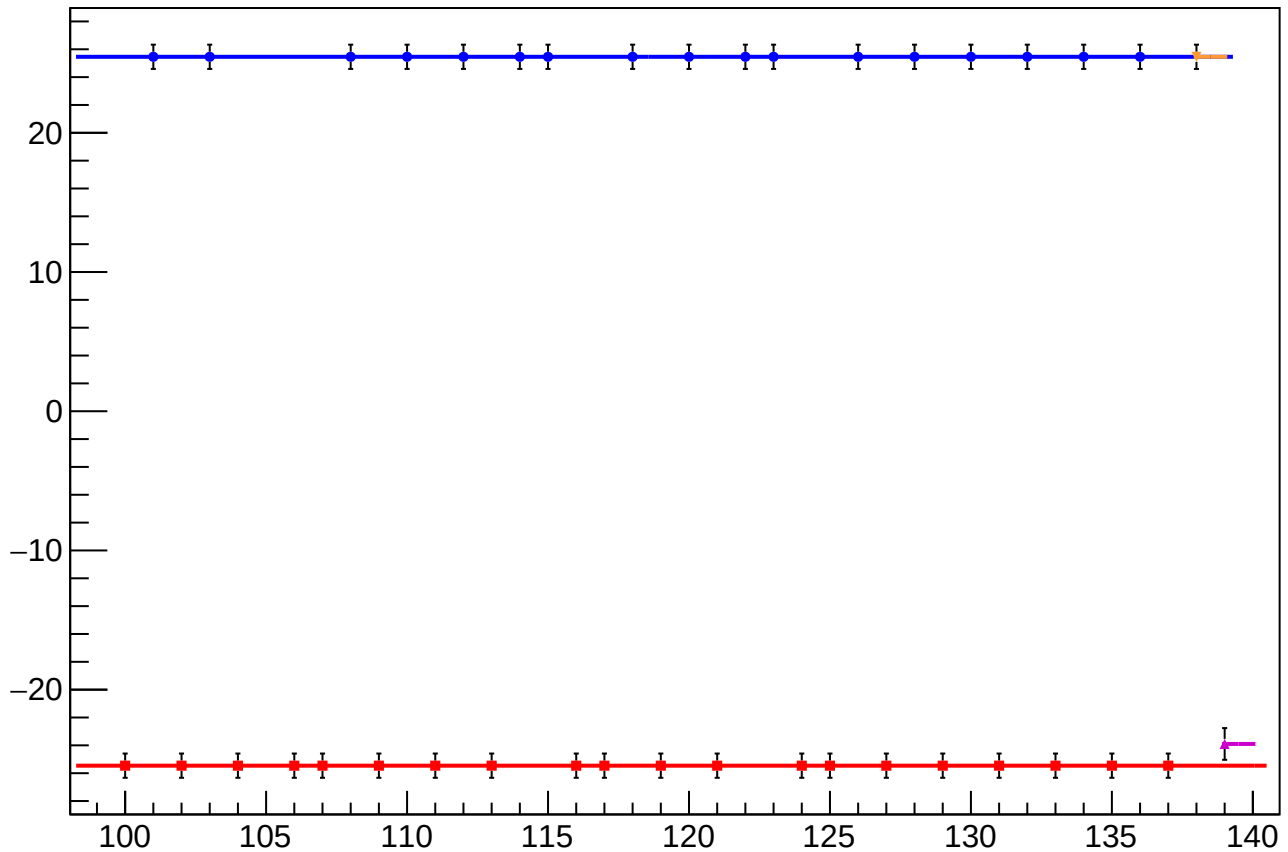
Left In: 0.093 ± 0.042 $\chi^2/\text{NDF}: 0.0/0$

0.155 ± 0.013 $\chi^2/\text{NDF}: 318.7/17$

0.020 ± 0.009 $\chi^2/\text{NDF}: 1038.9/38$

-0.098 ± 0.012 $\chi^2/\text{NDF}: 525.7/20$

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 25.460 $\pm$ 0.211 χ^2 /NDF: 0.0/16

Left Out: 25.460 $\pm$ 0.871 χ^2 /NDF: 0.0/0

Right Out: -25.460 $\pm$ 0.195 χ^2 /NDF: 0.0/19

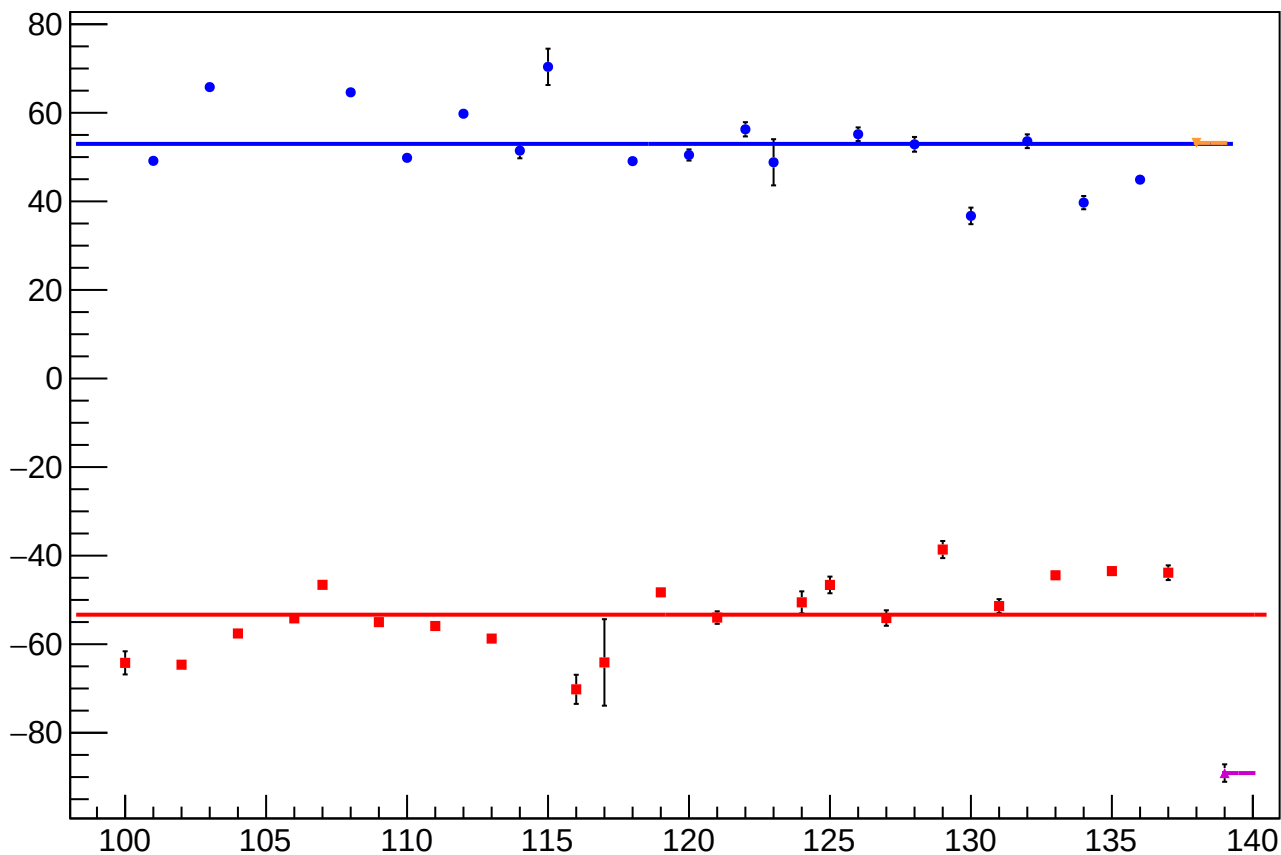
Left In: -23.900 $\pm$ 1.139 χ^2 /NDF: 0.0/0

25.460 $\pm$ 0.205 χ^2 /NDF: 0.0/17

-1.682 $\pm$ 0.140 χ^2 /NDF: 32747.7/38

-25.415 $\pm$ 0.192 χ^2 /NDF: 1.8/20

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 53.206 $\pm$ 0.903 χ^2 /NDF: 0.0/0

Right Out: -53.333 $\pm$ 0.227 χ^2 /NDF: 873.9/19

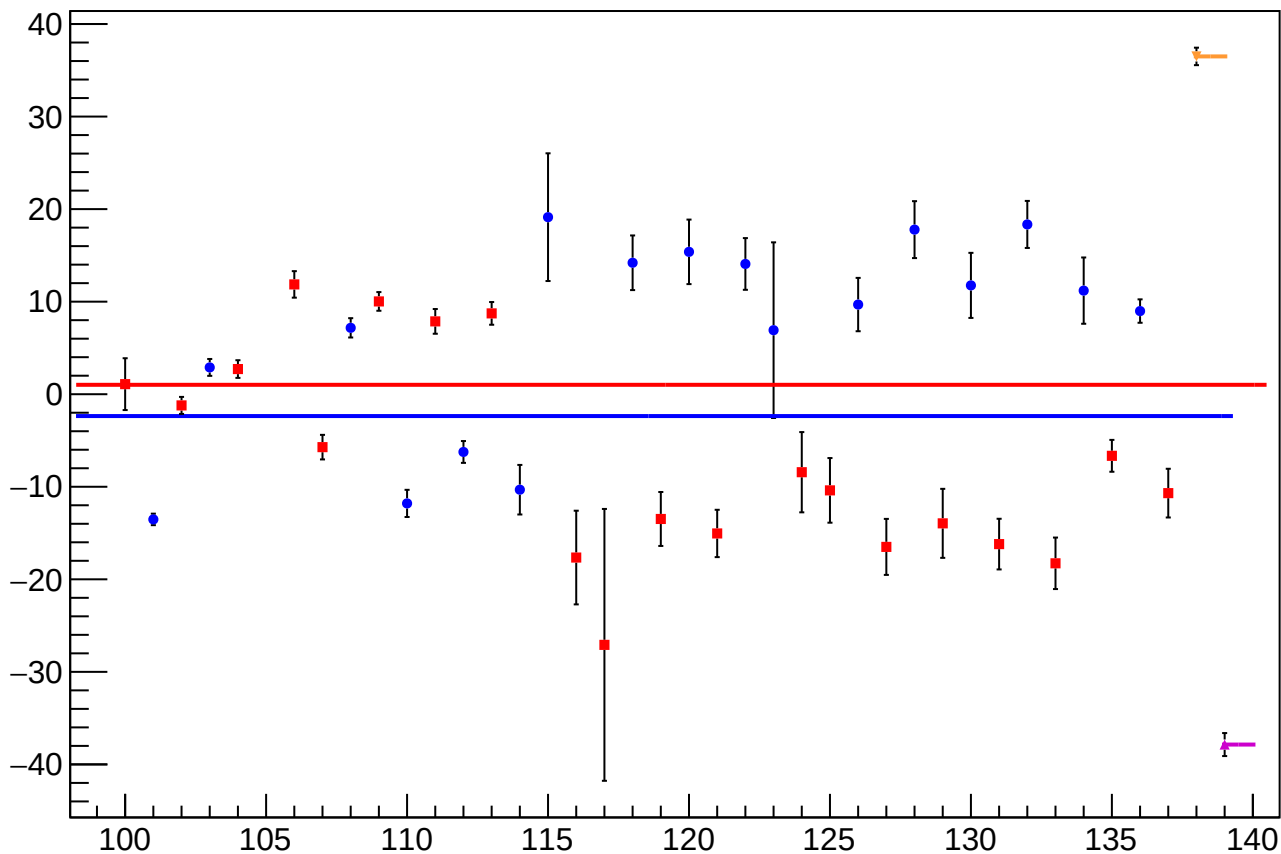
Left In: -89.096 $\pm$ 1.974 χ^2 /NDF: 0.0/0

52.993 $\pm$ 0.205 χ^2 /NDF: 1197.8/17

4.667 $\pm$ 0.151 χ^2 /NDF: 125566.1/38

-53.799 $\pm$ 0.225 χ^2 /NDF: 1197.9/20

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: 1.016+/-0.377 χ^2/NDF : 511.4/19

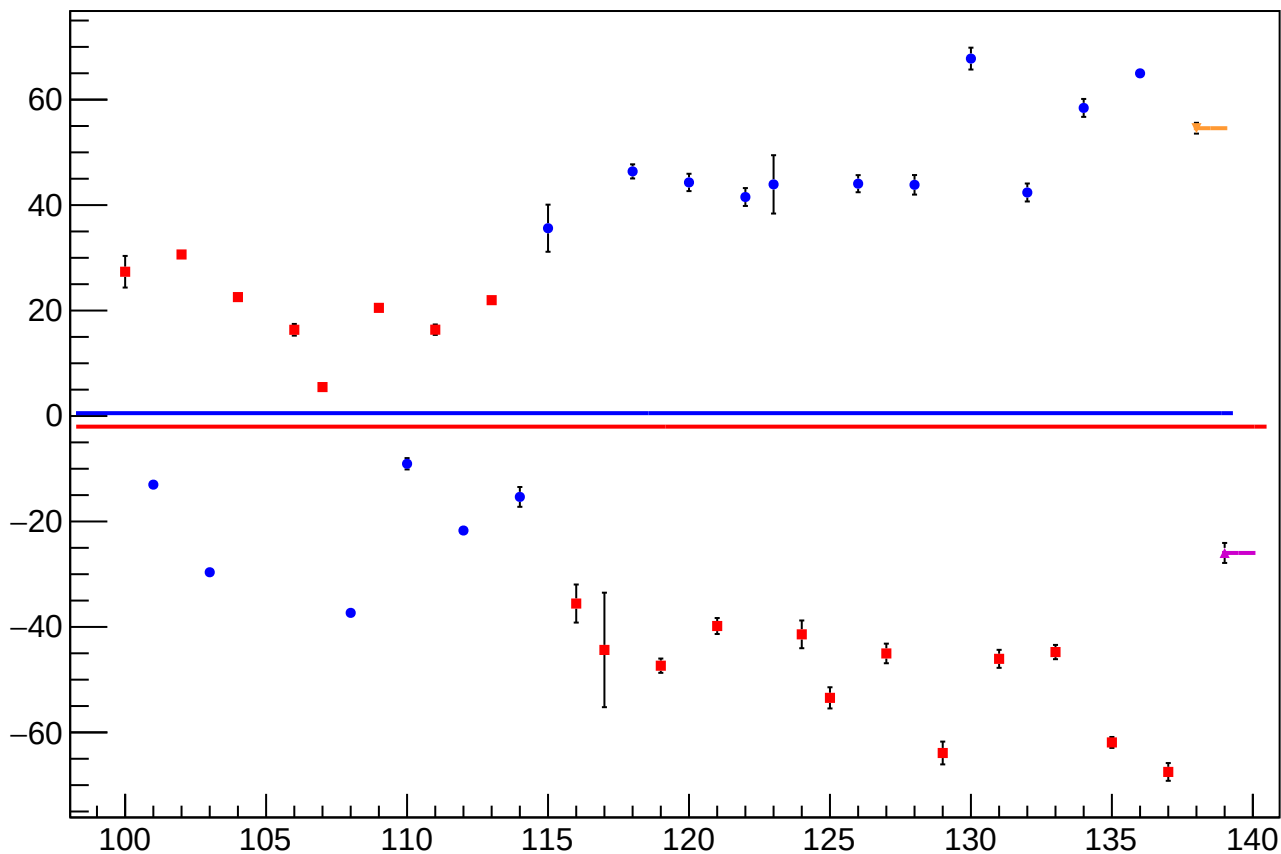
Left In: -37.856+/-1.243 χ^2/NDF : 0.0/0

2.656+/-0.340 χ^2/NDF : 2313.8/17

0.347+/-0.247 χ^2/NDF : 3819.8/38

-2.257+/-0.361 χ^2/NDF : 1407.6/20

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: -2.015+/-0.266 χ^2/NDF : 15491.9/19

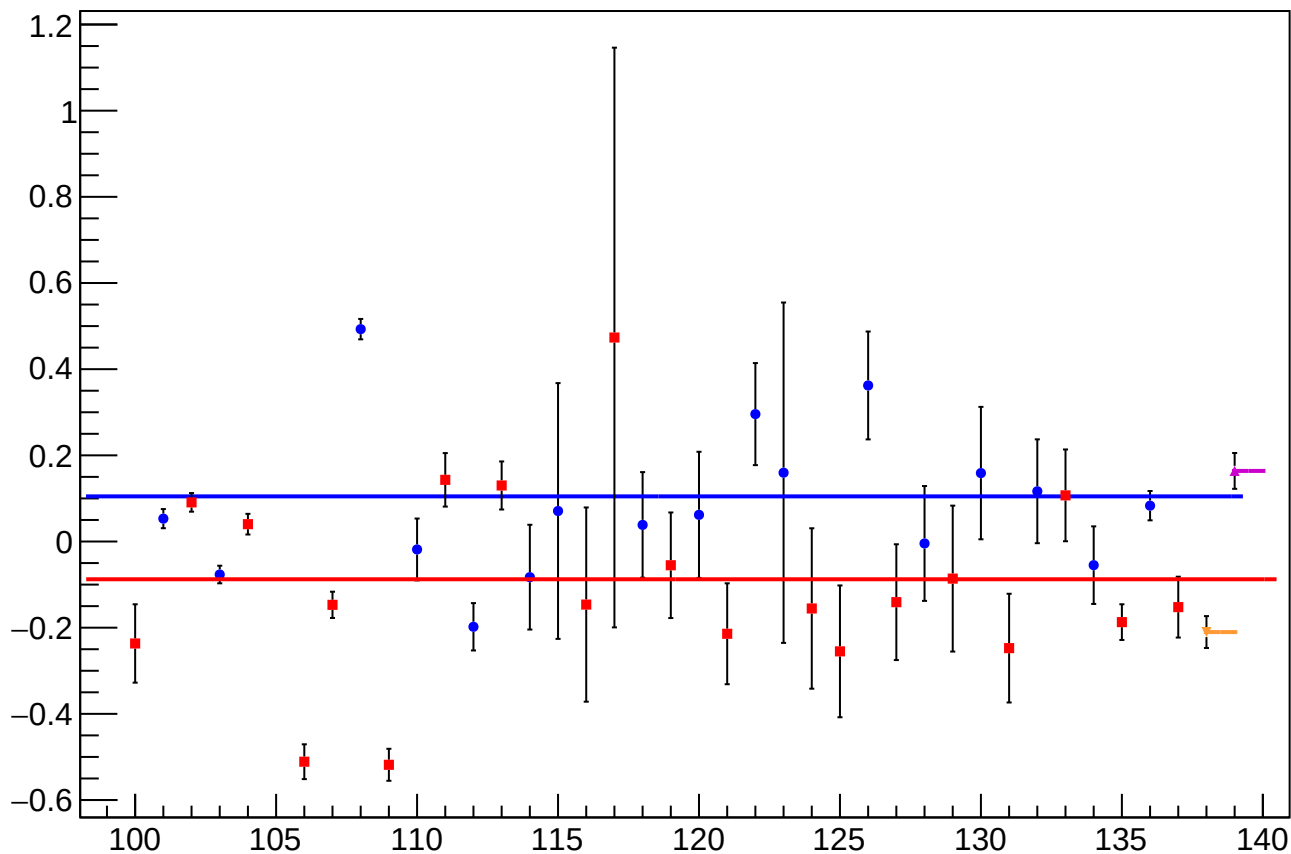
Left In: -25.969+/-1.896 χ^2/NDF : 0.0/0

3.507+/-0.240 χ^2/NDF : 21056.7/17

0.799+/-0.177 χ^2/NDF : 36987.0/38

-2.479+/-0.264 χ^2/NDF : 15648.5/20

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: 391.7/19

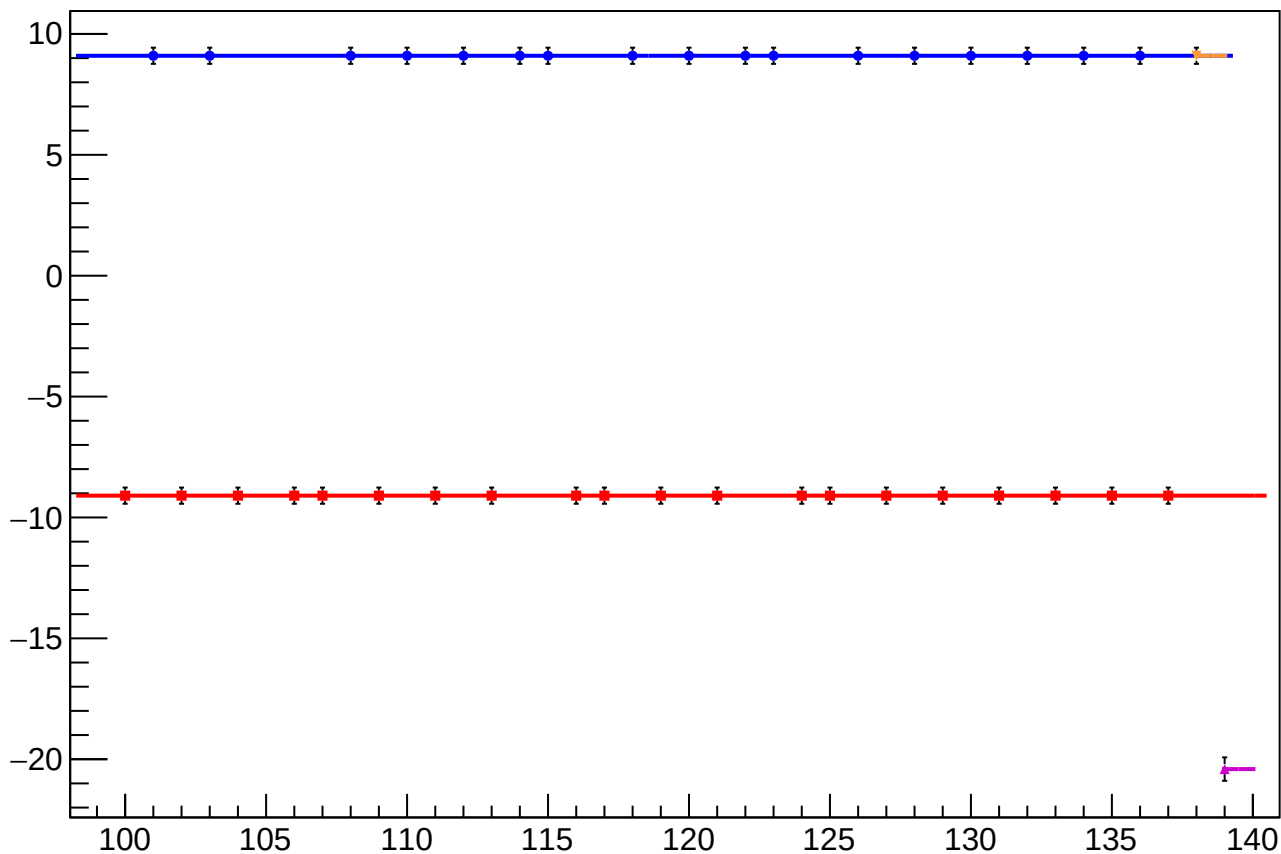
Left In: 0.164 $\pm$ 0.042 χ^2 /NDF: 0.0/0

0.079 $\pm$ 0.011 χ^2 /NDF: 467.2/17

0.004 $\pm$ 0.007 χ^2 /NDF: 993.4/38

-0.071 $\pm$ 0.011 χ^2 /NDF: 425.8/20

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.097 $\pm$ 0.081 χ^2 /NDF: 0.0/16

Left Out: 9.097 $\pm$ 0.335 χ^2 /NDF:0.0/0

Right Out: -9.097 $\pm$ 0.075 χ^2 /NDF: 0.0/19

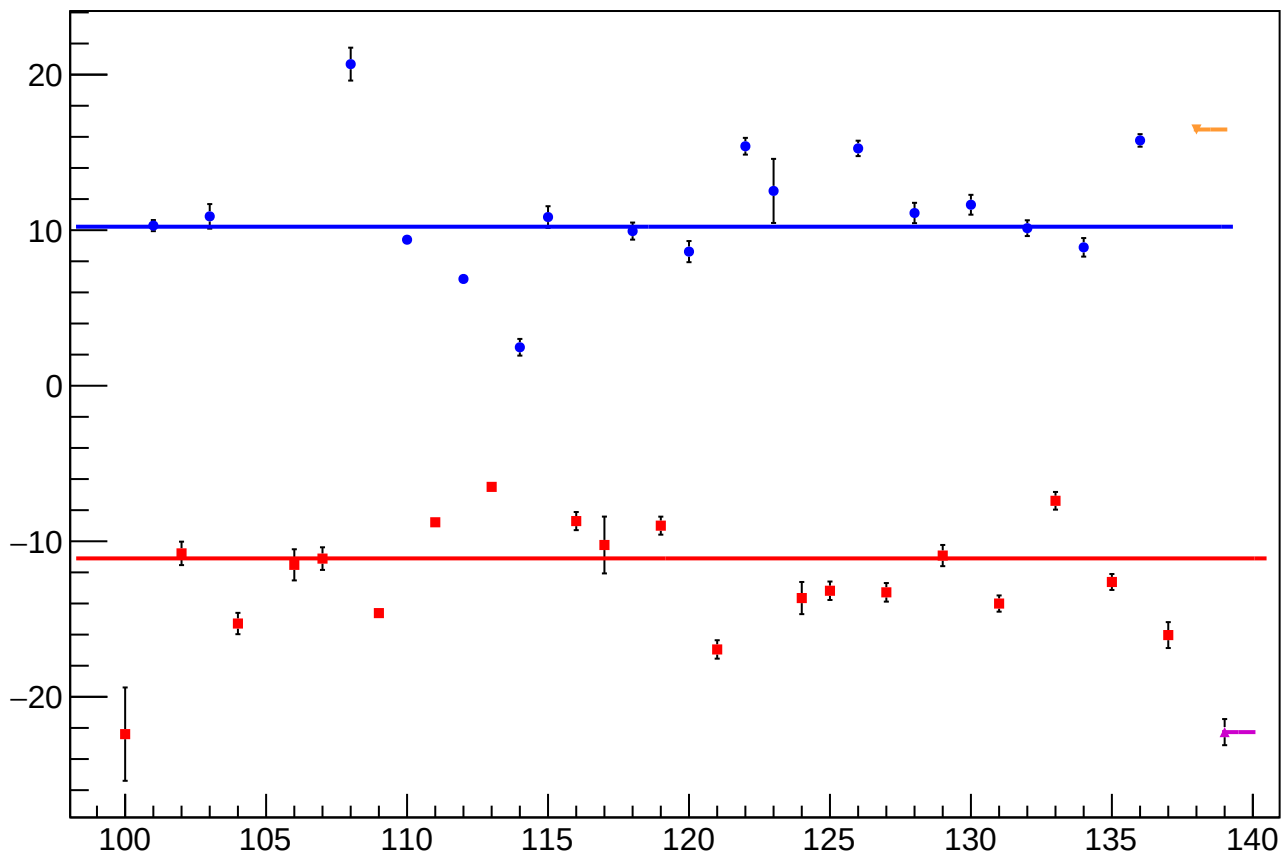
Left In: -20.407 $\pm$ 0.485 χ^2 /NDF:0.0/0

9.097 $\pm$ 0.079 χ^2 /NDF: 0.0/17

-0.726 $\pm$ 0.054 χ^2 /NDF: 29667.5/38

-9.361 $\pm$ 0.074 χ^2 /NDF: 532.1/20

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF : 877.6/16

Left Out: 16.474+/-0.322 χ^2/NDF : 0.0/0

Right Out: -11.101+/-0.116 χ^2/NDF : 817.4/19

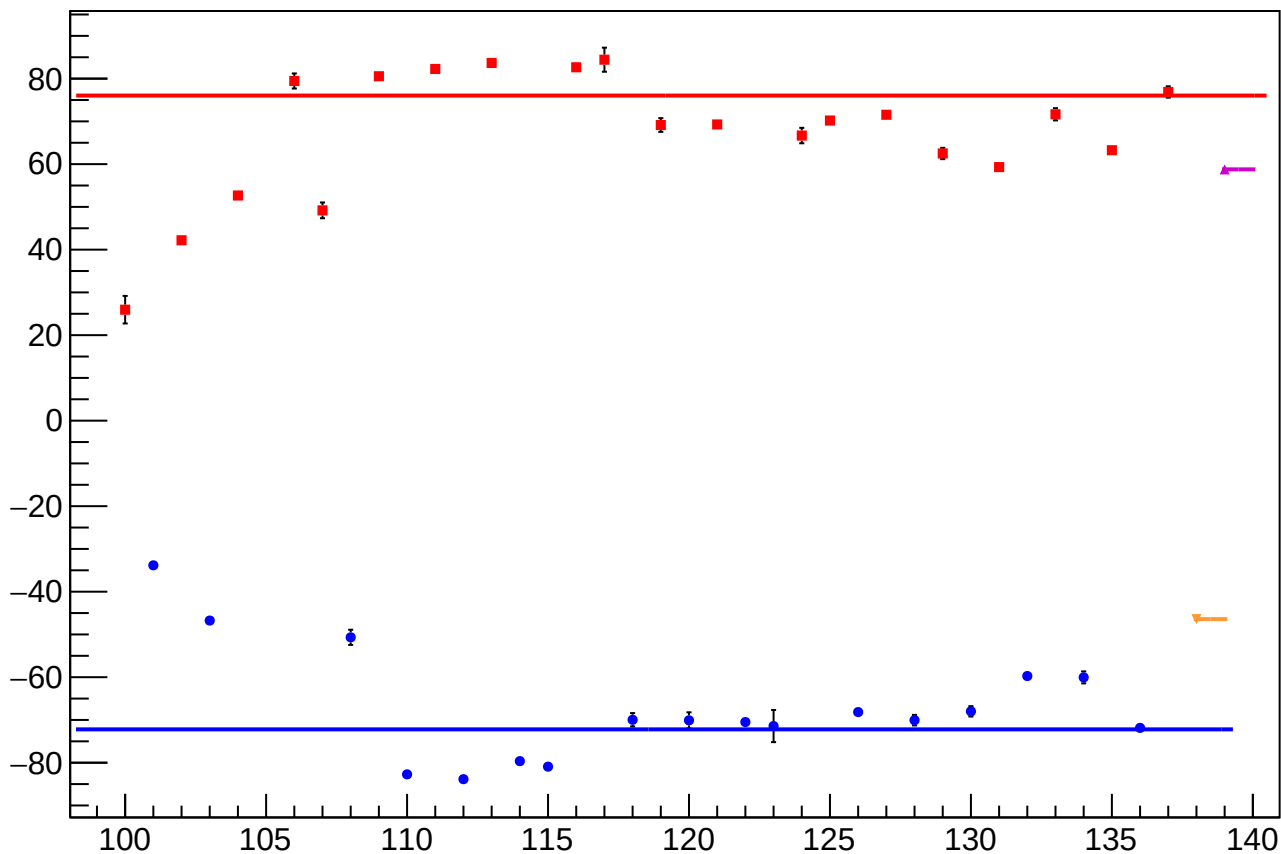
Left In: -22.269+/-0.840 χ^2/NDF : 0.0/0

10.976+/-0.112 χ^2/NDF : 1209.9/17

0.180+/-0.080 χ^2/NDF : 21542.0/38

-11.310+/-0.115 χ^2/NDF : 990.8/20

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: 76.037 ± 0.181 $\chi^2/\text{NDF}: 3474.4/19$

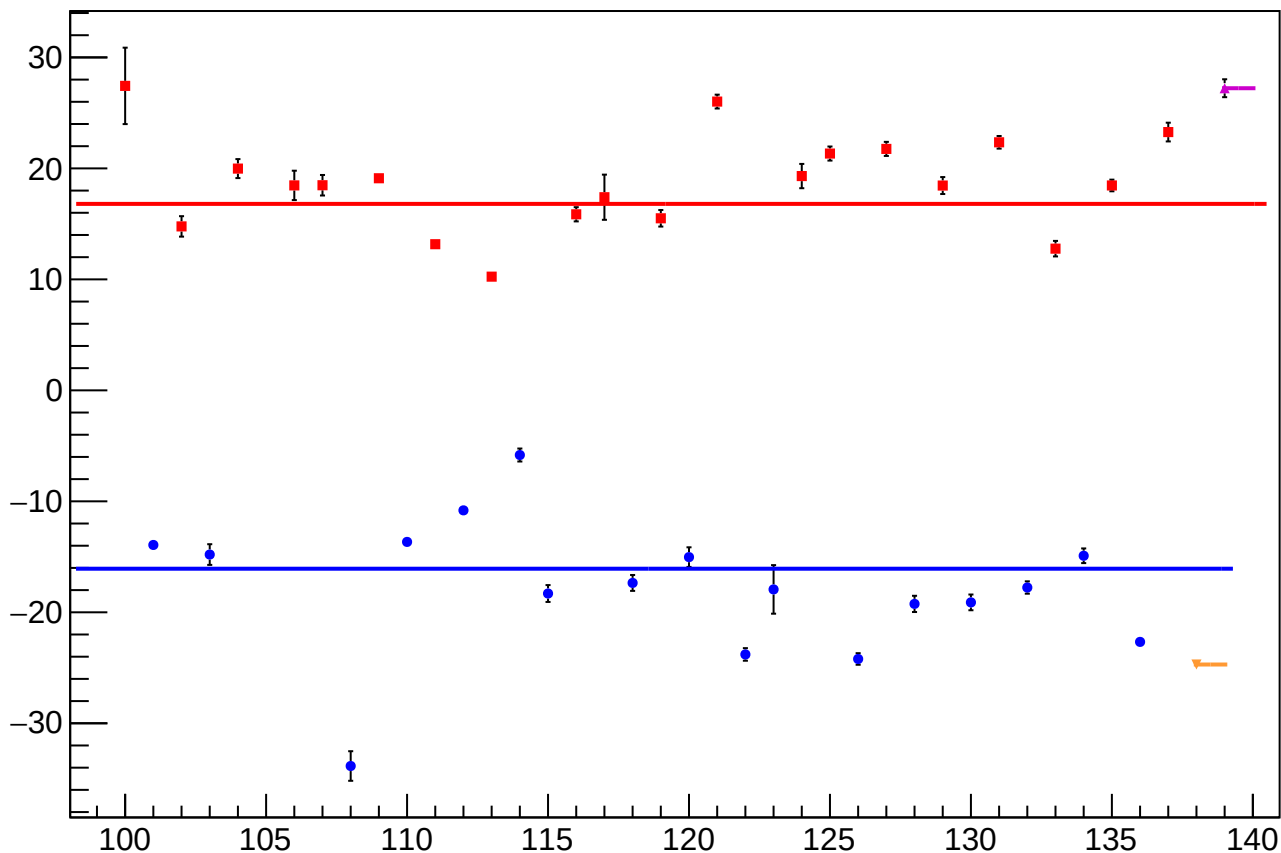
Left In: 58.773 ± 0.528 $\chi^2/\text{NDF}: 0.0/0$

-66.297 ± 0.174 $\chi^2/\text{NDF}: 9461.7/17$

5.081 ± 0.122 $\chi^2/\text{NDF}: 346775.7/38$

74.232 ± 0.171 $\chi^2/\text{NDF}: 4430.2/20$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -24.704 ± 0.372 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 16.801 ± 0.128 $\chi^2/\text{NDF}: 1215.8/19$

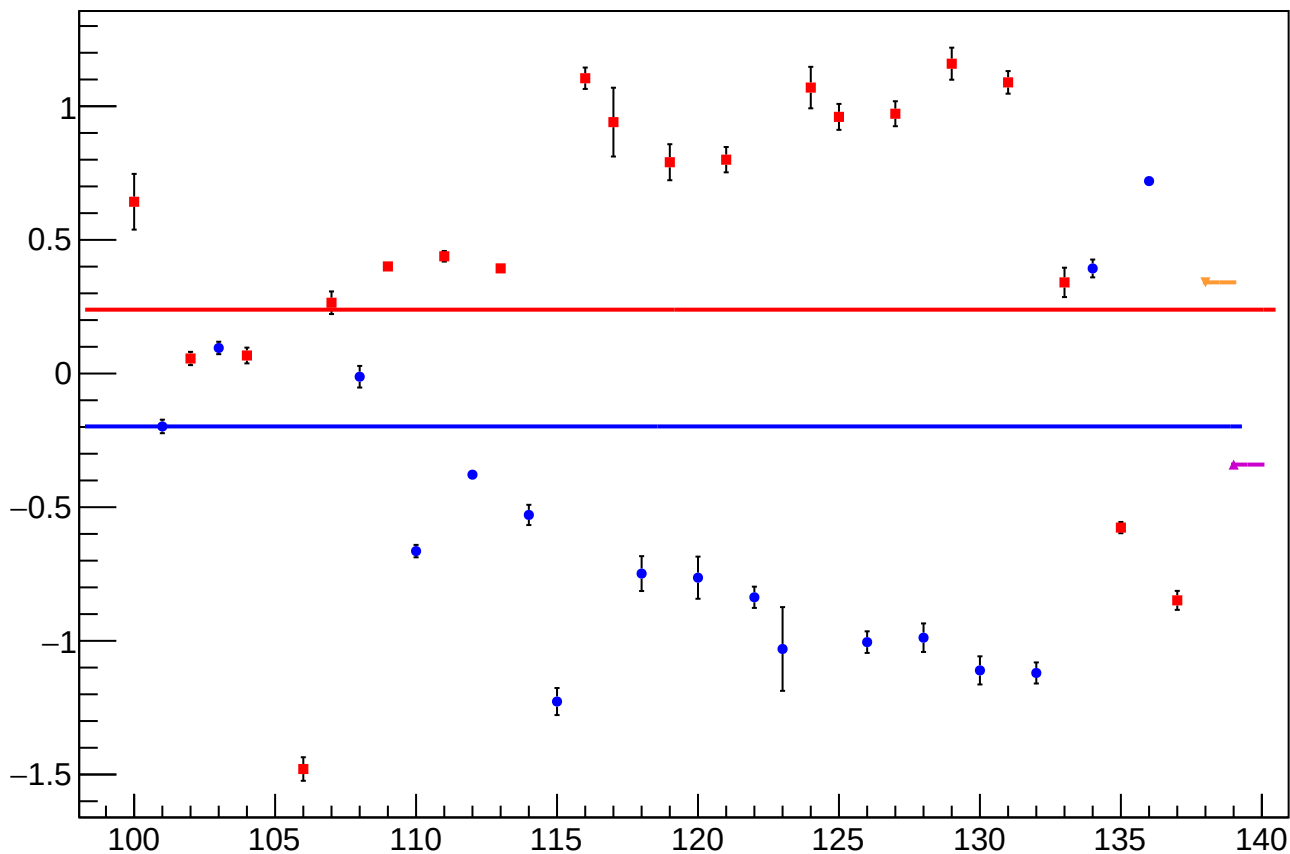
Left In: 27.224 ± 0.807 $\chi^2/\text{NDF}: 0.0/0$

-17.038 ± 0.125 $\chi^2/\text{NDF}: 2118.7/17$

-0.238 ± 0.089 $\chi^2/\text{NDF}: 40449.6/38$

17.057 ± 0.126 $\chi^2/\text{NDF}: 1378.6/20$

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: 0.239 ± 0.007 χ^2/NDF : 6251.7/19

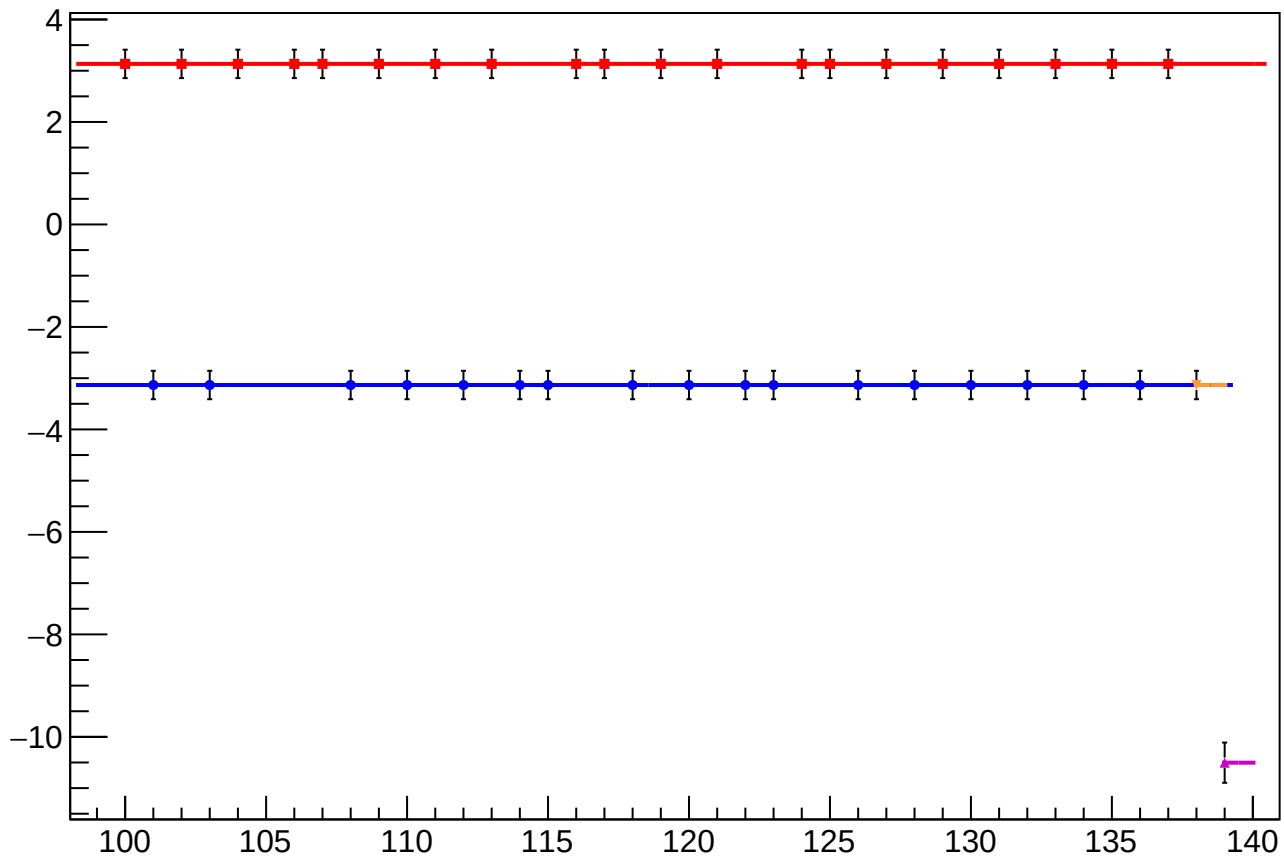
Left In: -0.341 ± 0.018 χ^2/NDF : 0.0/0

-0.083 ± 0.007 χ^2/NDF : 7433.0/17

0.038 ± 0.005 χ^2/NDF : 15258.4/38

0.157 ± 0.007 χ^2/NDF : 7178.2/20

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.133 ± 0.067 χ^2/NDF : 0.0/16

Left Out: -3.133 ± 0.278 χ^2/NDF : 0.0/0

Right Out: 3.133 ± 0.062 χ^2/NDF : 0.0/19

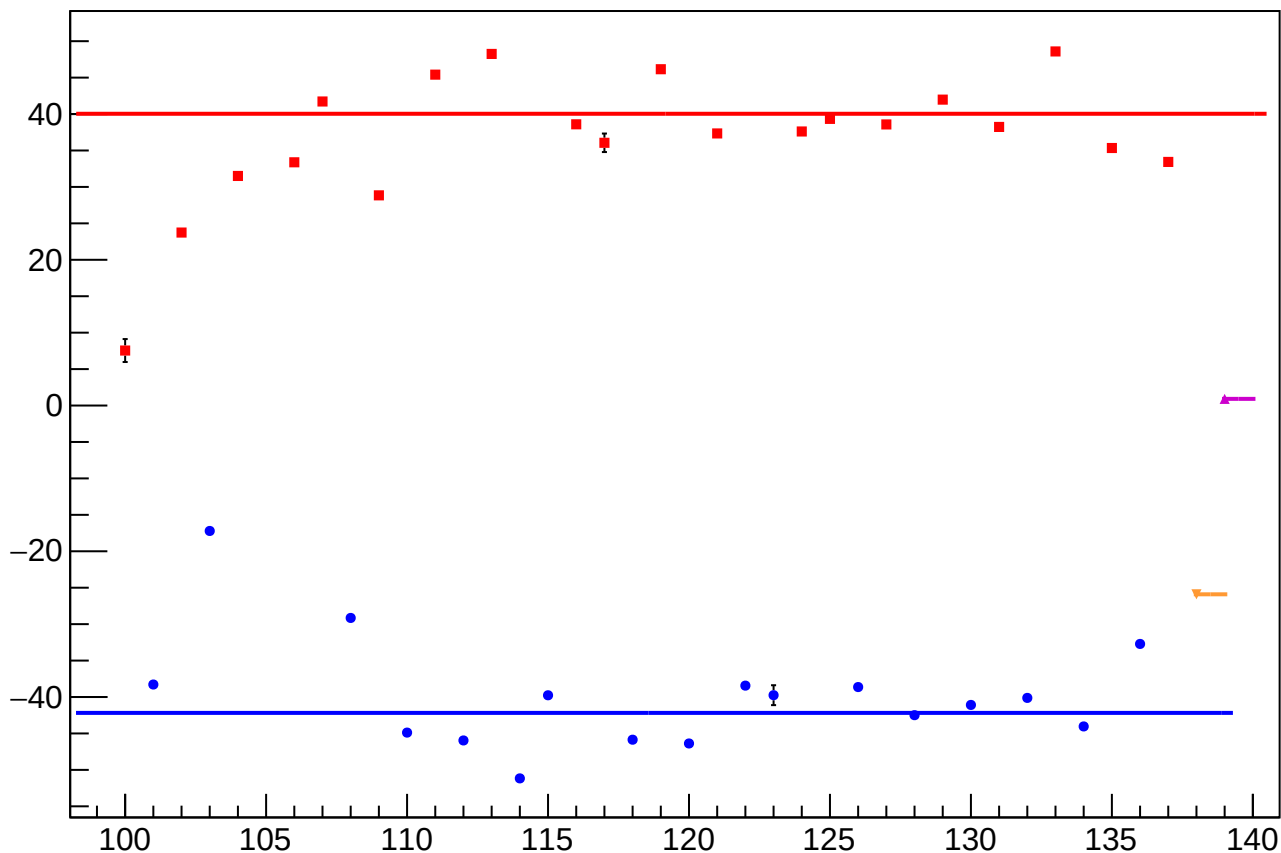
Left In: -10.504 ± 0.393 χ^2/NDF : 0.0/0

-3.133 ± 0.065 χ^2/NDF : 0.0/17

0.026 ± 0.045 χ^2/NDF : 5559.5/38

2.801 ± 0.061 χ^2/NDF : 1177.6/20

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: 40.039 ± 0.073 $\chi^2/\text{NDF}: 11323.4/19$

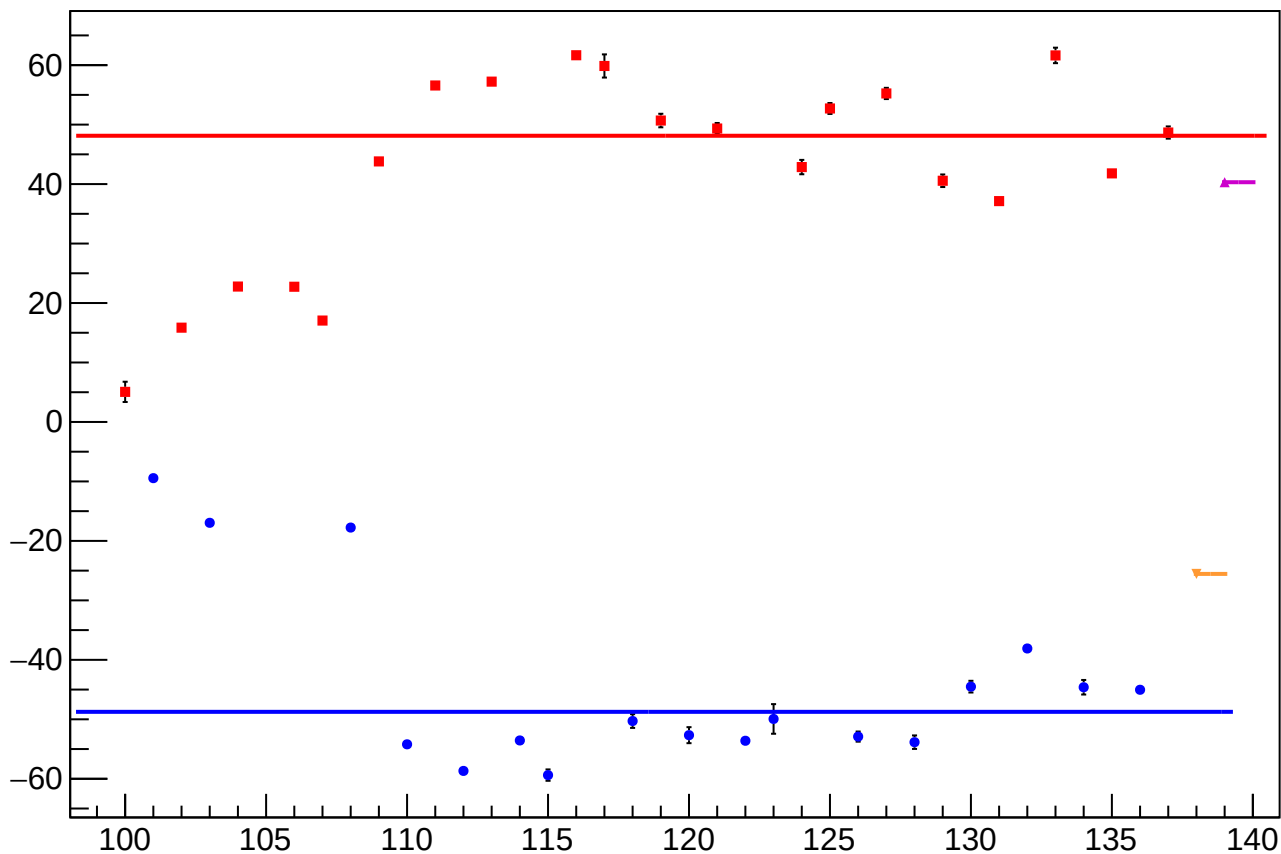
Left In: 0.915 ± 0.681 $\chi^2/\text{NDF}: 0.0/0$

-40.926 ± 0.075 $\chi^2/\text{NDF}: 9945.3/17$

0.680 ± 0.052 $\chi^2/\text{NDF}: 624756.6/38$

39.598 ± 0.072 $\chi^2/\text{NDF}: 14589.2/20$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -25.552 ± 0.301 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 48.126 ± 0.107 $\chi^2/\text{NDF}: 11767.8/19$

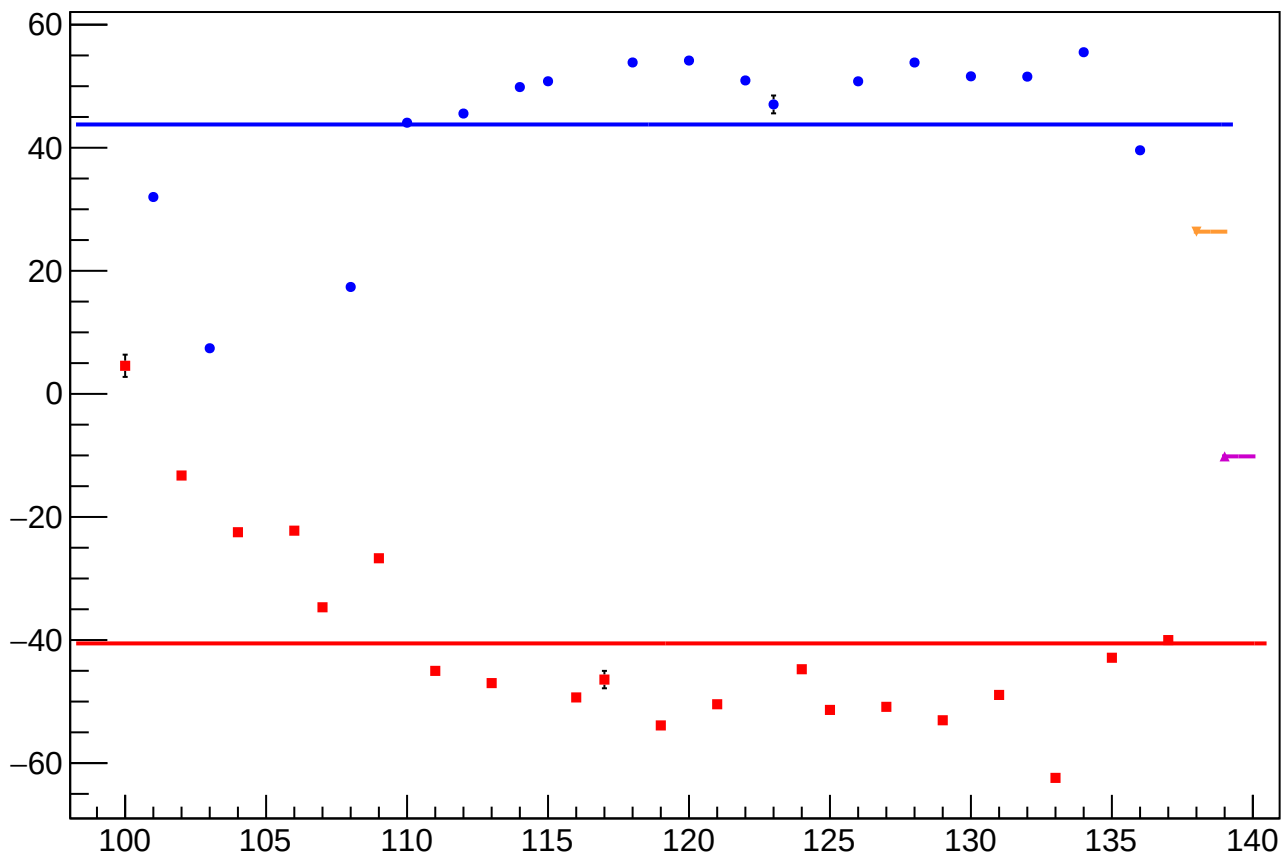
Left In: 40.314 ± 0.428 $\chi^2/\text{NDF}: 0.0/0$

-45.354 ± 0.115 $\chi^2/\text{NDF}: 19734.5/17$

5.871 ± 0.077 $\chi^2/\text{NDF}: 392254.5/38$

47.666 ± 0.104 $\chi^2/\text{NDF}: 12081.4/20$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782 ± 0.087 χ^2/NDF : 10638.7/16

Left Out: 26.364 ± 0.311 χ^2/NDF : 0.0/0

Right Out: -40.549 ± 0.080 χ^2/NDF : 17598.0/19

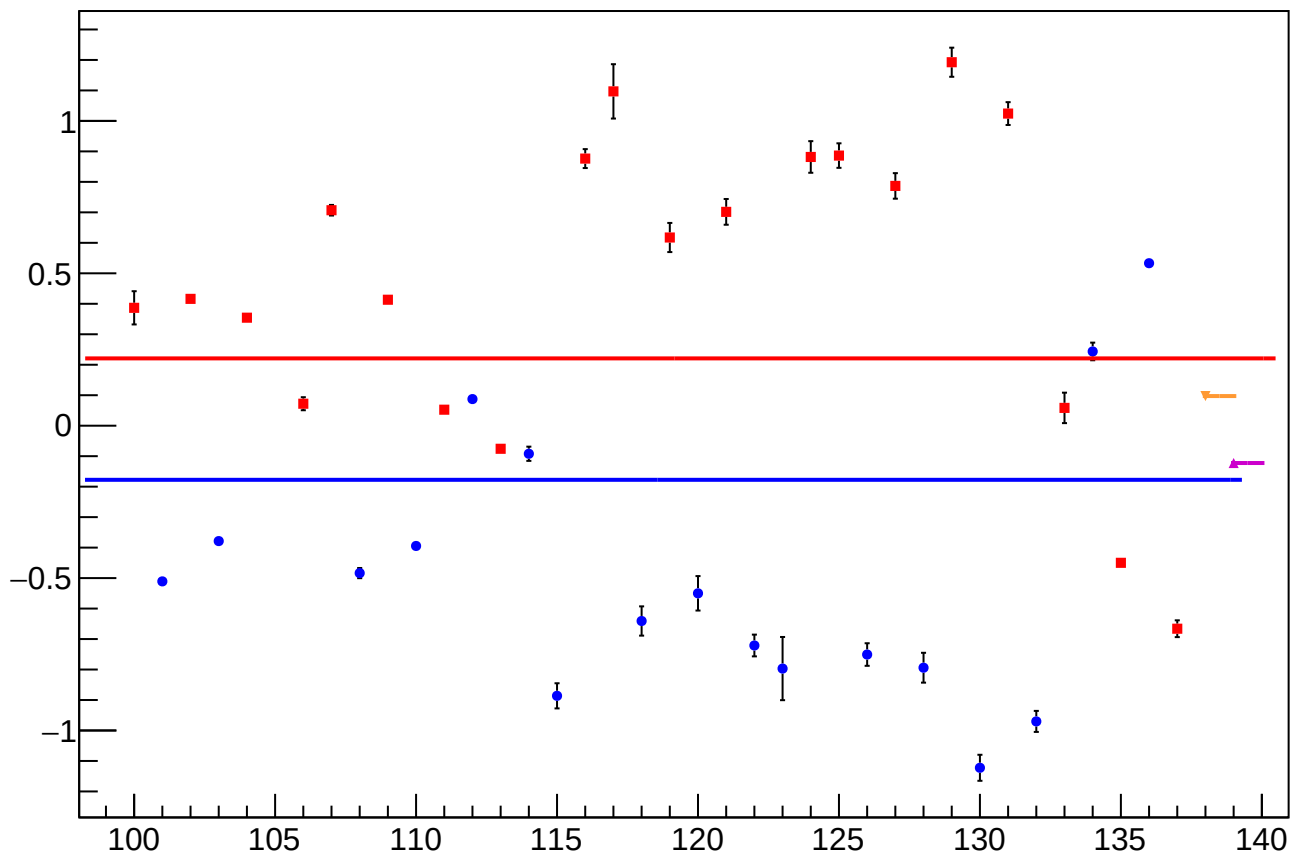
Left In: -10.155 ± 0.654 χ^2/NDF : 0.0/0

42.526 ± 0.083 χ^2/NDF : 13553.2/17

-0.807 ± 0.058 χ^2/NDF : 547486.9/38

-40.100 ± 0.079 χ^2/NDF : 19727.0/20

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: 0.221 ± 0.004 χ^2/NDF : 7566.8/19

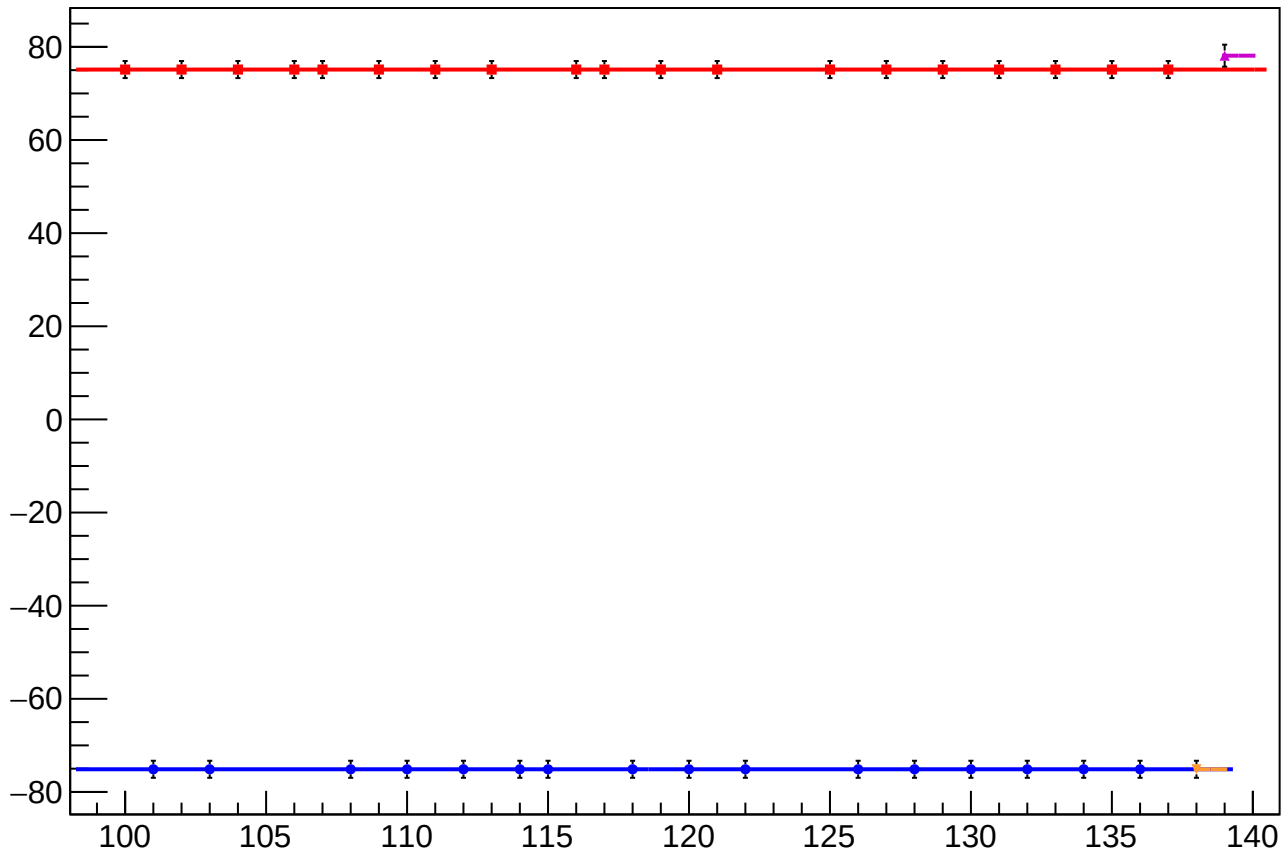
Left In: -0.122 ± 0.014 χ^2/NDF : 0.0/0

-0.139 ± 0.004 χ^2/NDF : 7830.4/17

0.041 ± 0.003 χ^2/NDF : 18891.5/38

0.192 ± 0.004 χ^2/NDF : 8095.7/20

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -75.129 ± 0.457 χ^2/NDF : 0.0/15

Left Out: -75.129 ± 1.830 χ^2/NDF : 0.0/0

Right Out: 75.129 ± 0.420 χ^2/NDF : 0.0/18

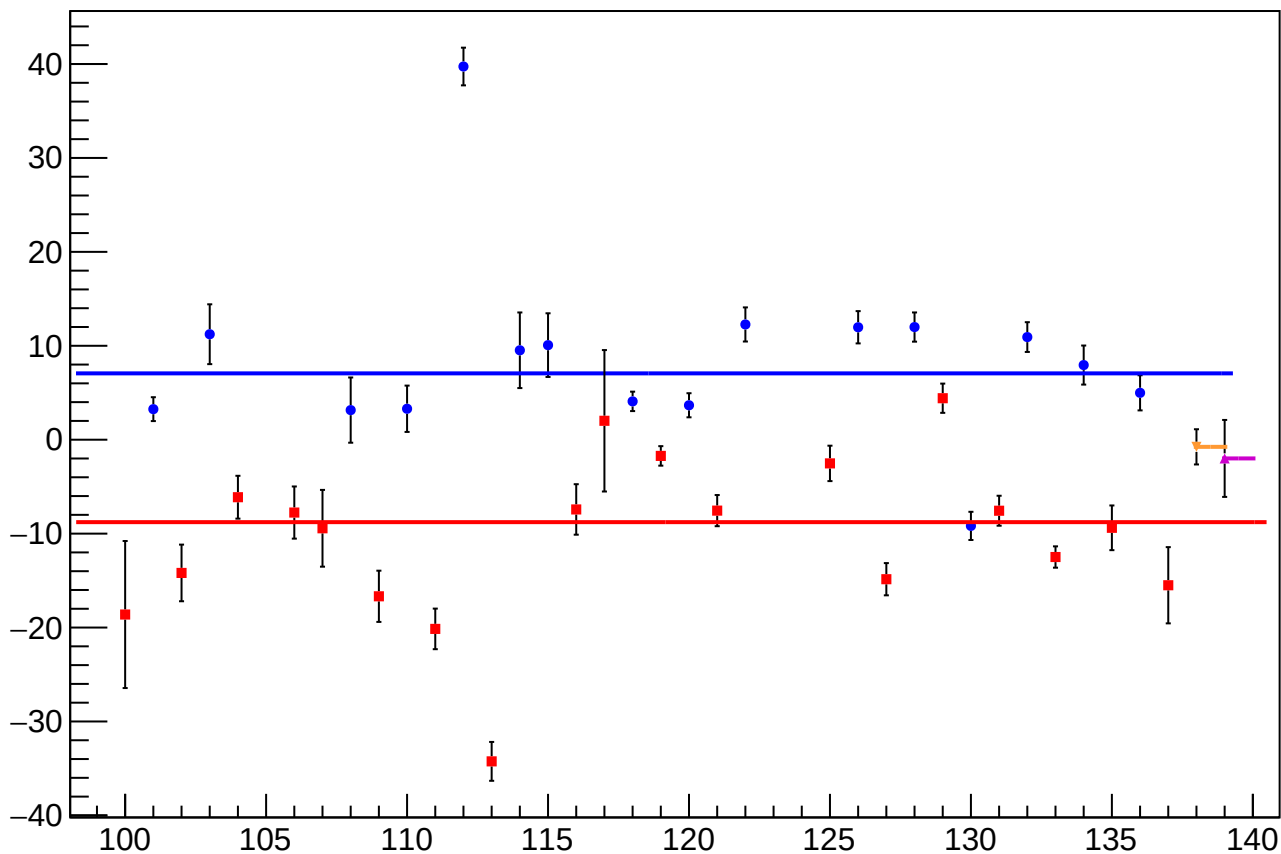
Left In: 78.110 ± 2.363 χ^2/NDF : 0.0/0

-75.129 ± 0.444 χ^2/NDF : 0.0/16

5.385 ± 0.302 χ^2/NDF : 61462.7/36

75.220 ± 0.413 χ^2/NDF : 1.5/19

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 ± 0.434 χ^2/NDF : 446.9/15

Left Out: -0.761 ± 1.875 χ^2/NDF : 0.0/0

Right Out: -8.777 ± 0.448 χ^2/NDF : 352.4/18

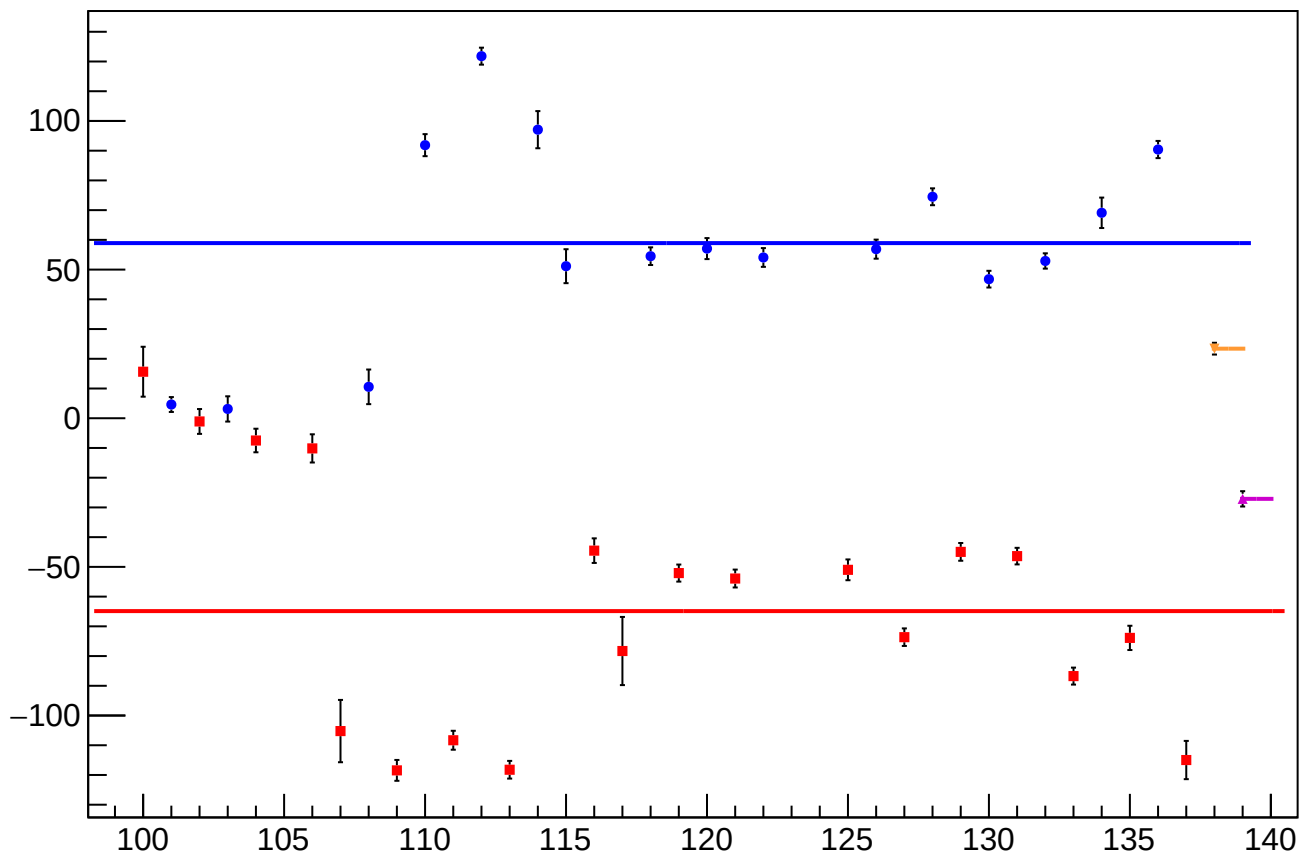
Left In: -1.993 ± 4.097 χ^2/NDF : 0.0/0

6.666 ± 0.422 χ^2/NDF : 463.4/16

-0.606 ± 0.307 χ^2/NDF : 1444.7/36

-8.697 ± 0.446 χ^2/NDF : 355.1/19

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913 $\pm$ 0.831 χ^2/NDF : 1496.7/15

Left Out: 23.404 $\pm$ 1.984 χ^2/NDF : 0.0/0

Right Out: -64.875 $\pm$ 0.838 χ^2/NDF : 1719.5/18

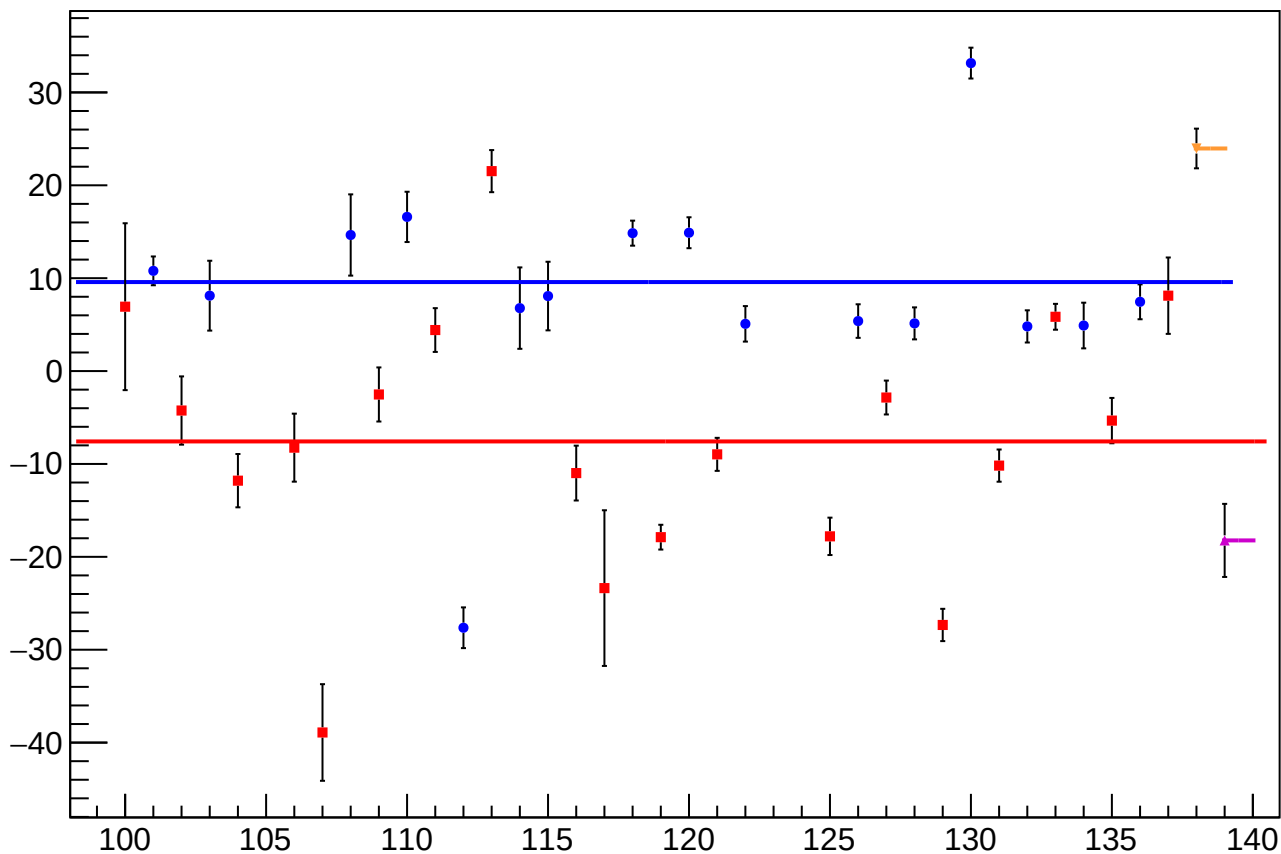
Left In: -27.117 $\pm$ 2.576 χ^2/NDF : 0.0/0

53.609 $\pm$ 0.767 χ^2/NDF : 1769.1/16

-1.616 $\pm$ 0.553 χ^2/NDF : 14472.0/36

-61.263 $\pm$ 0.797 χ^2/NDF : 1913.8/19

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF : 554.4/15

Left Out: 23.964+/-2.137 χ^2/NDF : 0.0/0

Right Out: -7.575+/-0.515 χ^2/NDF : 573.4/18

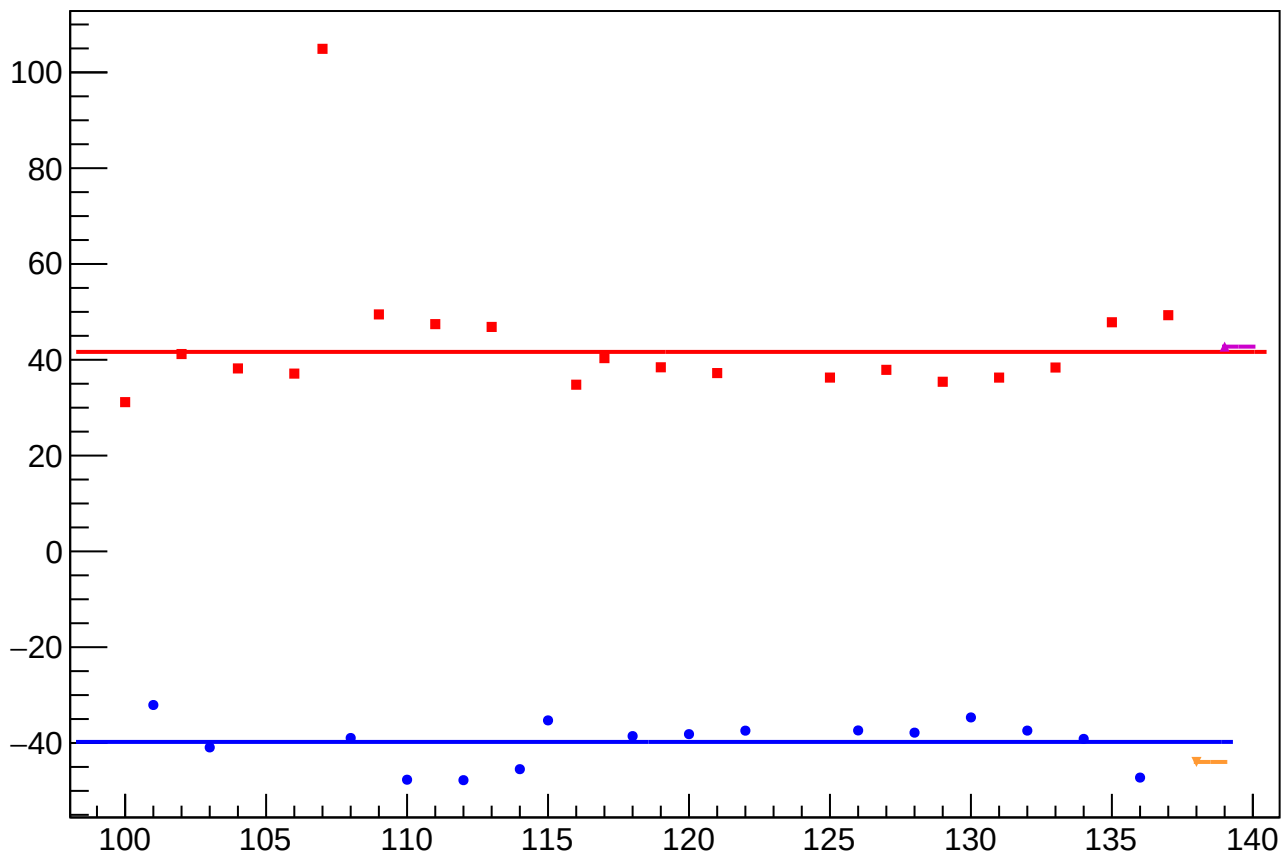
Left In: -18.232+/-3.934 χ^2/NDF : 0.0/0

10.332+/-0.488 χ^2/NDF : 597.4/16

1.696+/-0.353 χ^2/NDF : 1834.2/36

-7.755+/-0.510 χ^2/NDF : 580.6/19

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777 $\pm$ 0.031 χ^2 /NDF: 26158.0/15

Left Out: -43.960 $\pm$ 0.078 χ^2 /NDF: 0.0/0

Right Out: 41.646 $\pm$ 0.031 χ^2 /NDF: 94463.7/18

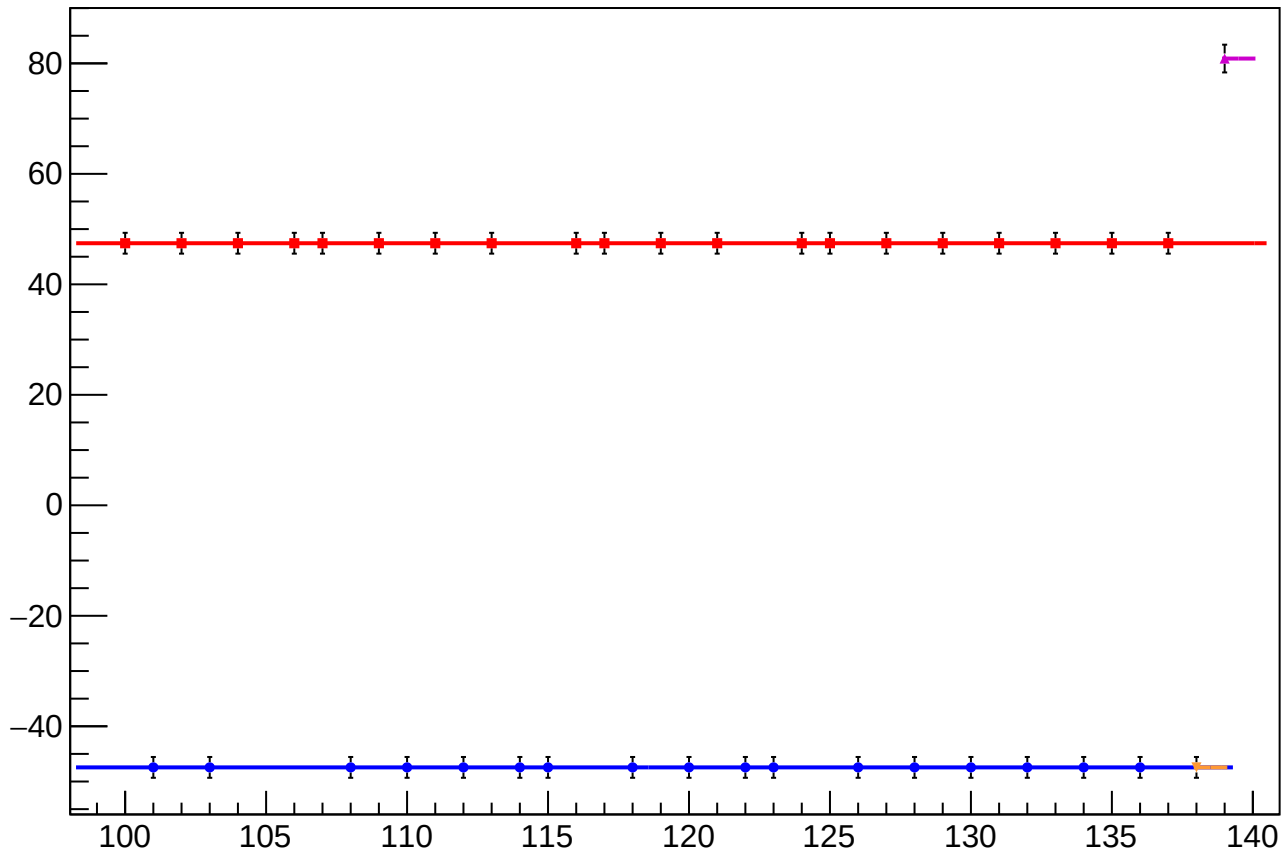
Left In: 42.746 $\pm$ 0.086 χ^2 /NDF: 0.0/0

-40.349 $\pm$ 0.029 χ^2 /NDF: 28637.1/16

0.117 $\pm$ 0.021 χ^2 /NDF: 4111985.5/36

41.773 $\pm$ 0.029 χ^2 /NDF: 94607.4/19

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.442 ± 0.457 χ^2/NDF : 0.0/16

Left Out: -47.442 ± 1.885 χ^2/NDF : 0.0/0

Right Out: 47.442 ± 0.421 χ^2/NDF : 0.0/19

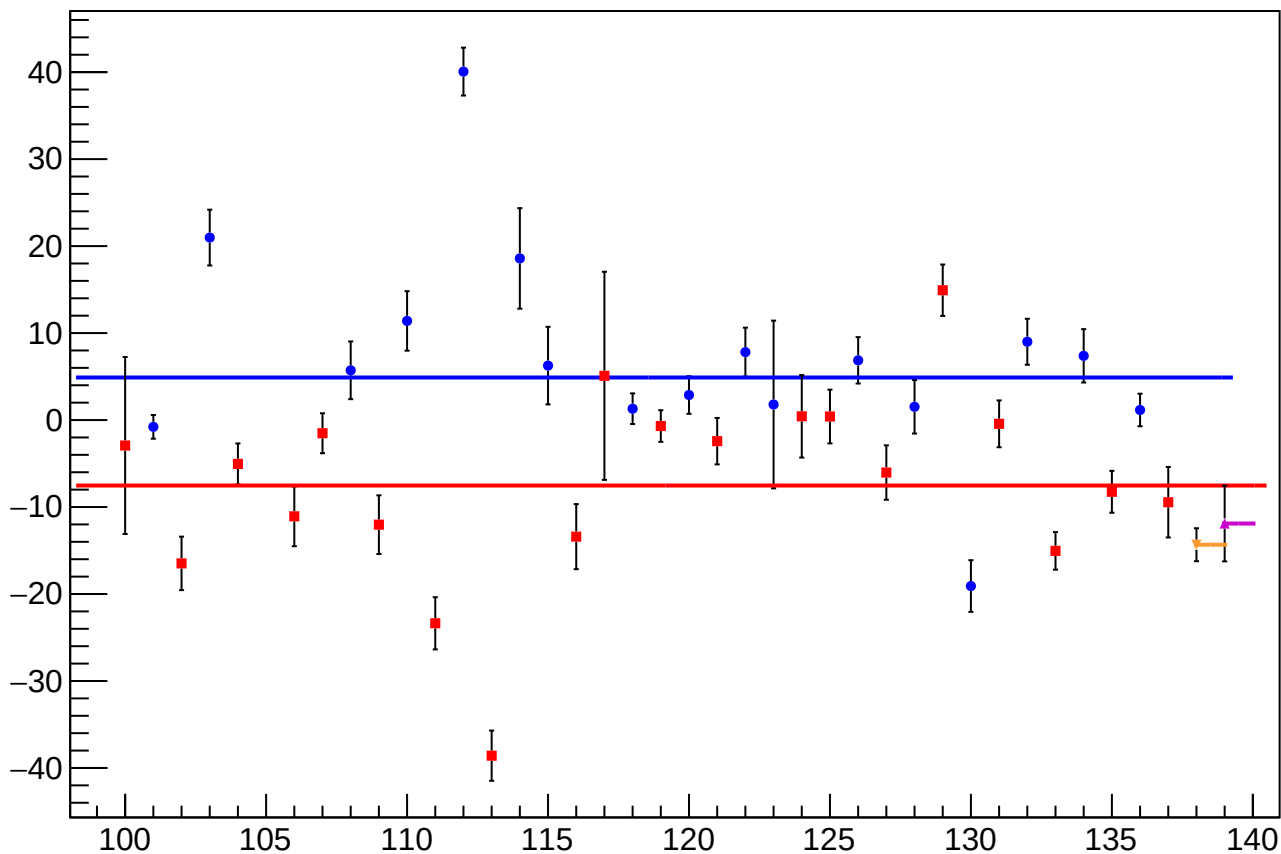
Left In: 80.872 ± 2.513 χ^2/NDF : 0.0/0

-47.442 ± 0.444 χ^2/NDF : 0.0/17

3.640 ± 0.304 χ^2/NDF : 24967.9/38

48.357 ± 0.416 χ^2/NDF : 172.2/20

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: -14.334 ± 1.896 χ^2/NDF : 0.0/0

Right Out: -7.528 ± 0.651 χ^2/NDF : 271.3/19

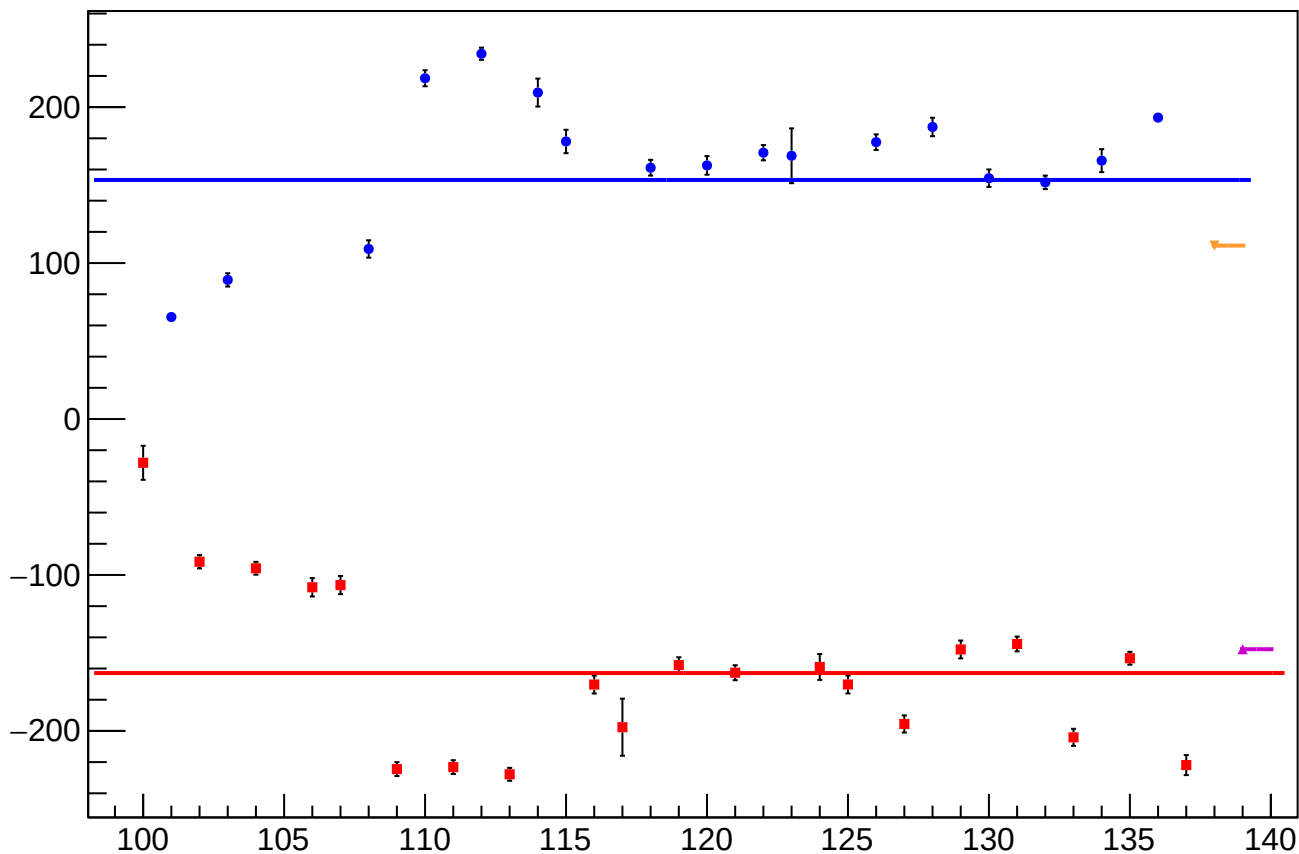
Left In: -11.897 ± 4.356 χ^2/NDF : 0.0/0

3.030 ± 0.590 χ^2/NDF : 388.2/17

-1.838 ± 0.435 χ^2/NDF : 809.4/38

-7.623 ± 0.643 χ^2/NDF : 272.3/20

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: -162.891 $\pm$ 1.174 χ^2/NDF : 1712.3/19

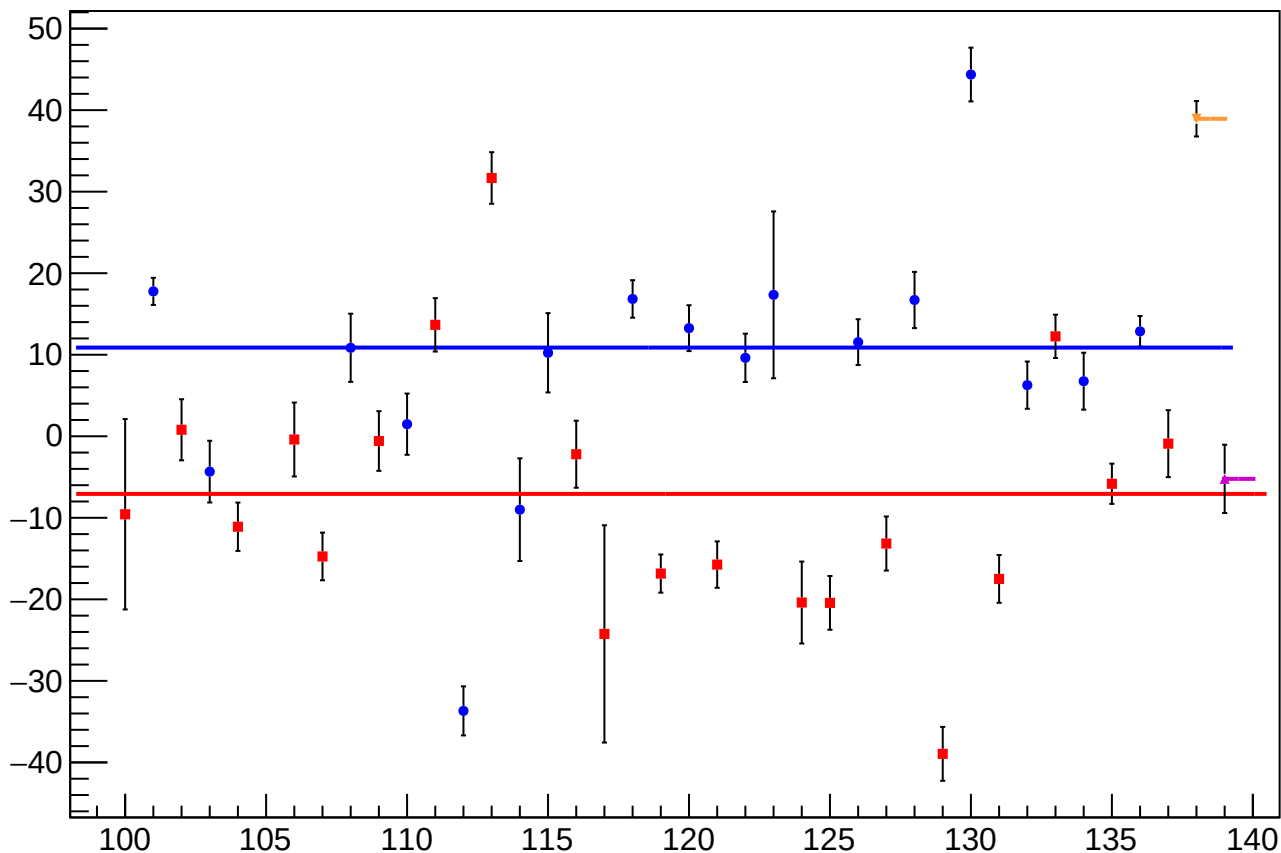
Left In: -147.609 $\pm$ 2.740 χ^2/NDF : 0.0/0

143.246 $\pm$ 0.999 χ^2/NDF : 2589.6/17

3.124 $\pm$ 0.733 χ^2/NDF : 47004.1/38

-160.520 $\pm$ 1.079 χ^2/NDF : 1738.6/20

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: -7.068+/-0.747 χ^2/NDF : 426.2/19

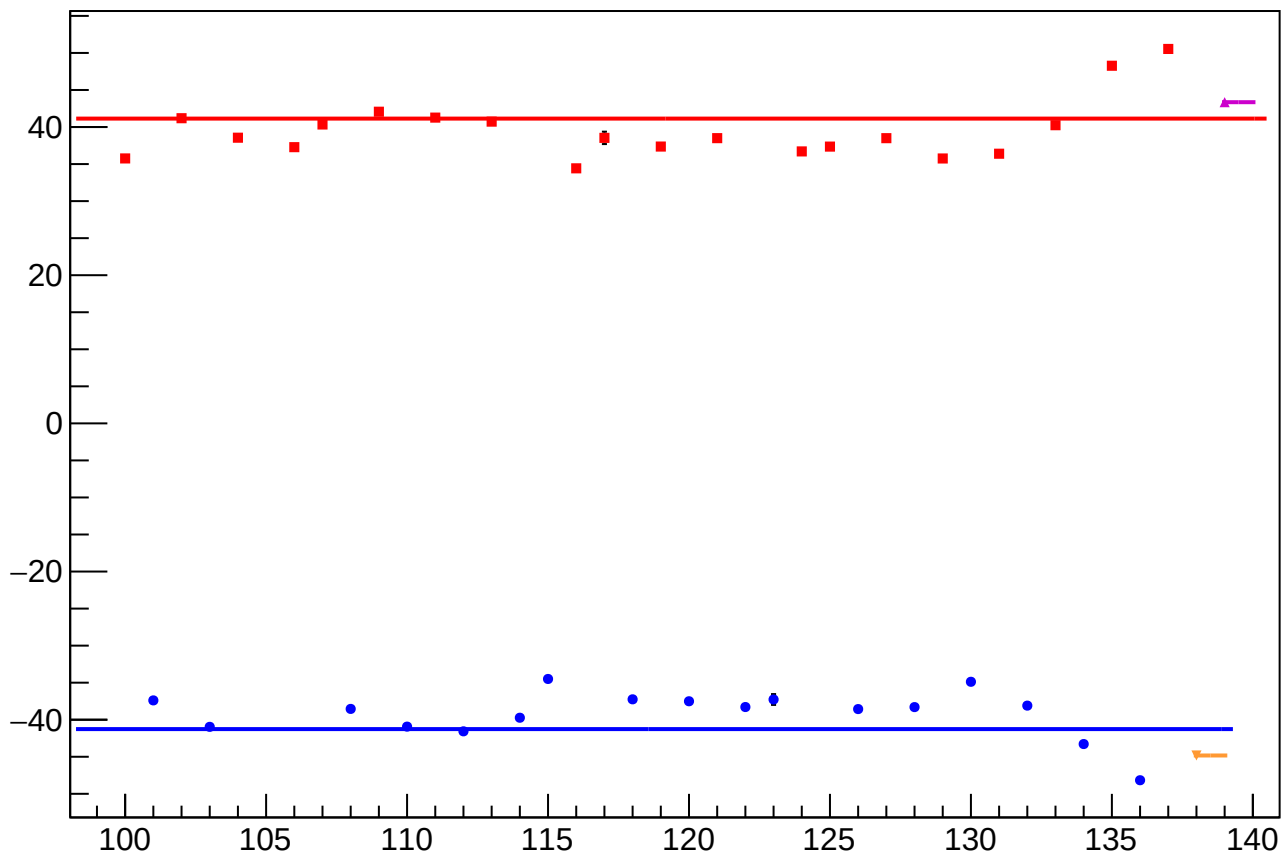
Left In: -5.223+/-4.184 χ^2/NDF : 0.0/0

13.613+/-0.678 χ^2/NDF : 538.9/17

4.140+/-0.498 χ^2/NDF : 1390.7/38

-7.011+/-0.735 χ^2/NDF : 426.4/20

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -44.827 ± 0.081 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 41.138 ± 0.039 $\chi^2/\text{NDF}: 12228.3/19$

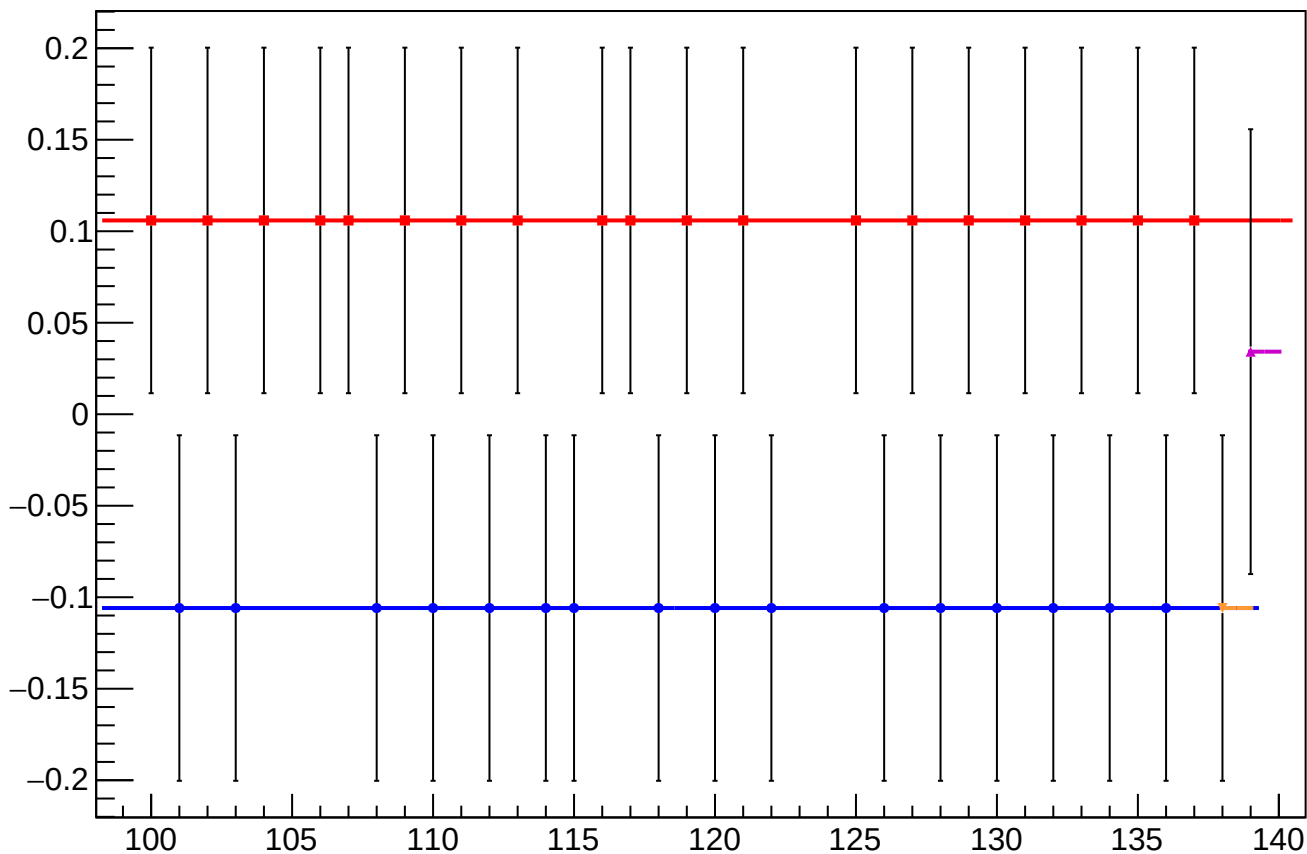
Left In: 43.353 ± 0.092 $\chi^2/\text{NDF}: 0.0/0$

-41.925 ± 0.035 $\chi^2/\text{NDF}: 14155.8/17$

-1.190 ± 0.025 $\chi^2/\text{NDF}: 2840666.1/38$

41.471 ± 0.036 $\chi^2/\text{NDF}: 12724.0/20$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.106 ± 0.024 χ^2/NDF : 0.0/15

Left Out: -0.106 ± 0.094 χ^2/NDF : 0.0/0

Right Out: 0.106 ± 0.022 χ^2/NDF : 0.0/18

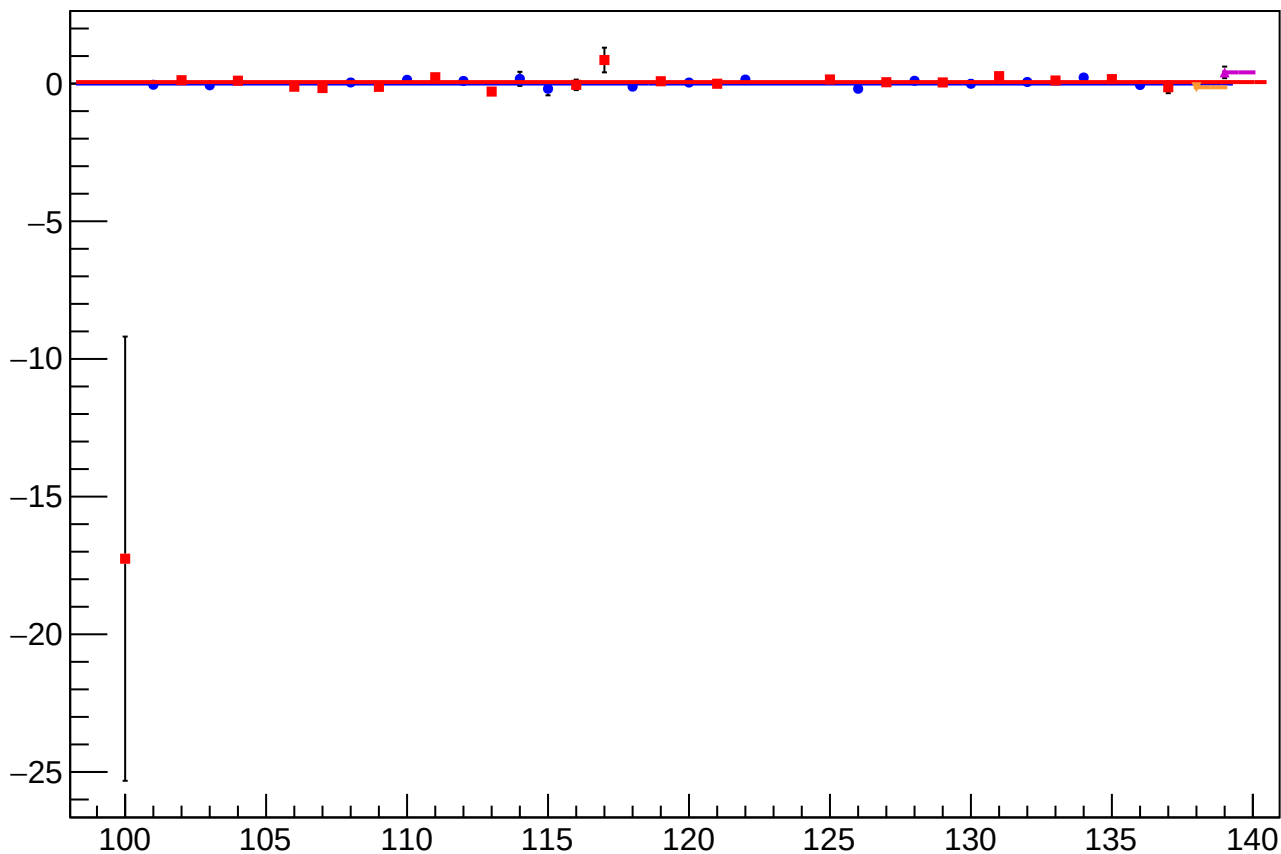
Left In: 0.034 ± 0.122 χ^2/NDF : 0.0/0

-0.106 ± 0.023 χ^2/NDF : 0.0/16

0.006 ± 0.016 χ^2/NDF : 45.2/36

0.104 ± 0.021 χ^2/NDF : 0.3/19

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.028 χ^2 /NDF: 12.5/15

Left Out: -0.134 $\pm$ 0.101 χ^2 /NDF: 0.0/0

Right Out: 0.054 $\pm$ 0.029 χ^2 /NDF: 29.0/18

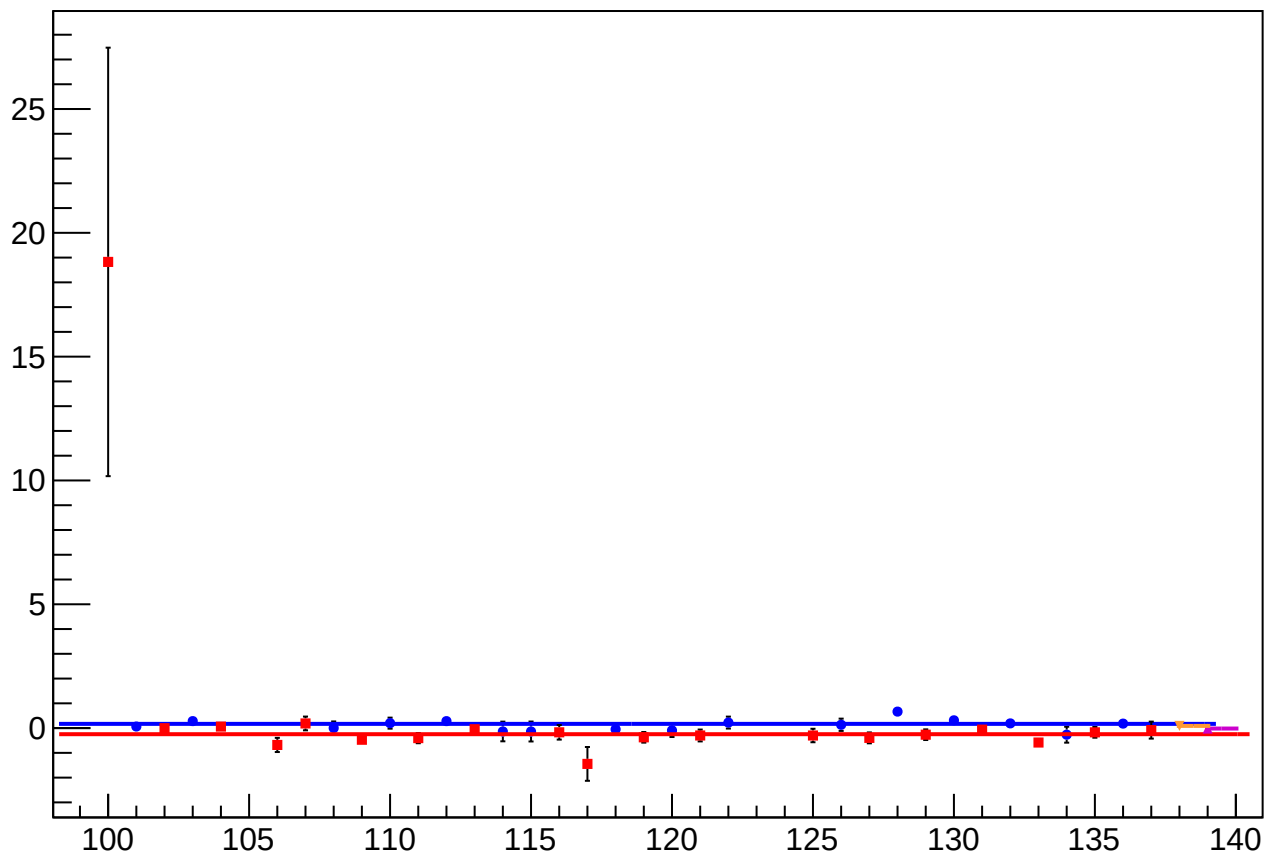
Left In: 0.407 $\pm$ 0.211 χ^2 /NDF: 0.0/0

-0.008 $\pm$ 0.027 χ^2 /NDF: 14.2/16

0.024 $\pm$ 0.020 χ^2 /NDF: 49.0/36

0.061 $\pm$ 0.029 χ^2 /NDF: 31.8/19

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171 ± 0.052 χ^2/NDF : 13.7/15

Left Out: 0.089 ± 0.102 χ^2/NDF : 0.0/0

Right Out: -0.246 ± 0.054 χ^2/NDF : 24.9/18

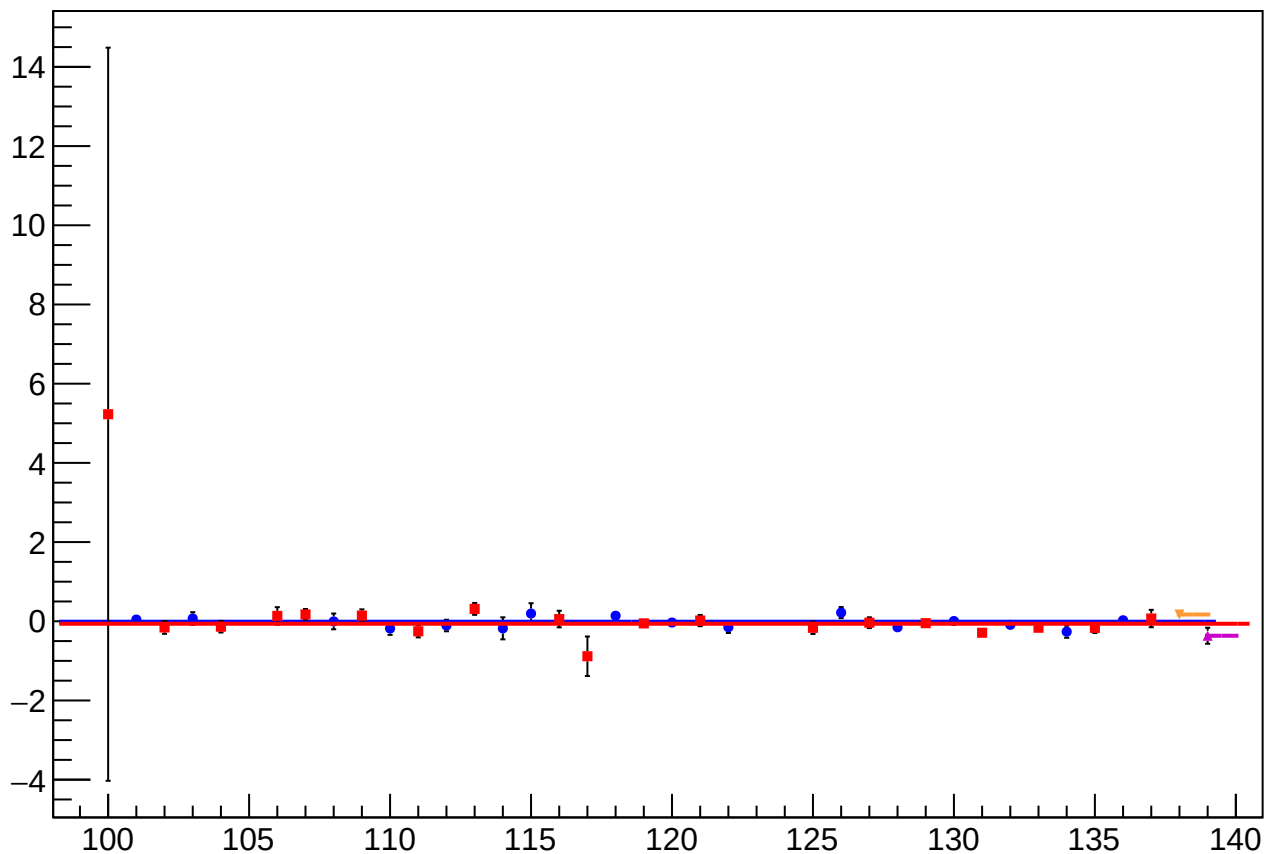
Left In: -0.018 ± 0.133 χ^2/NDF : 0.0/0

0.154 ± 0.047 χ^2/NDF : 14.2/16

-0.018 ± 0.034 χ^2/NDF : 70.7/36

-0.214 ± 0.050 χ^2/NDF : 27.5/19

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.171 ± 0.114 χ^2/NDF : 0.0/0

Right Out: -0.062 ± 0.034 χ^2/NDF : 23.3/18

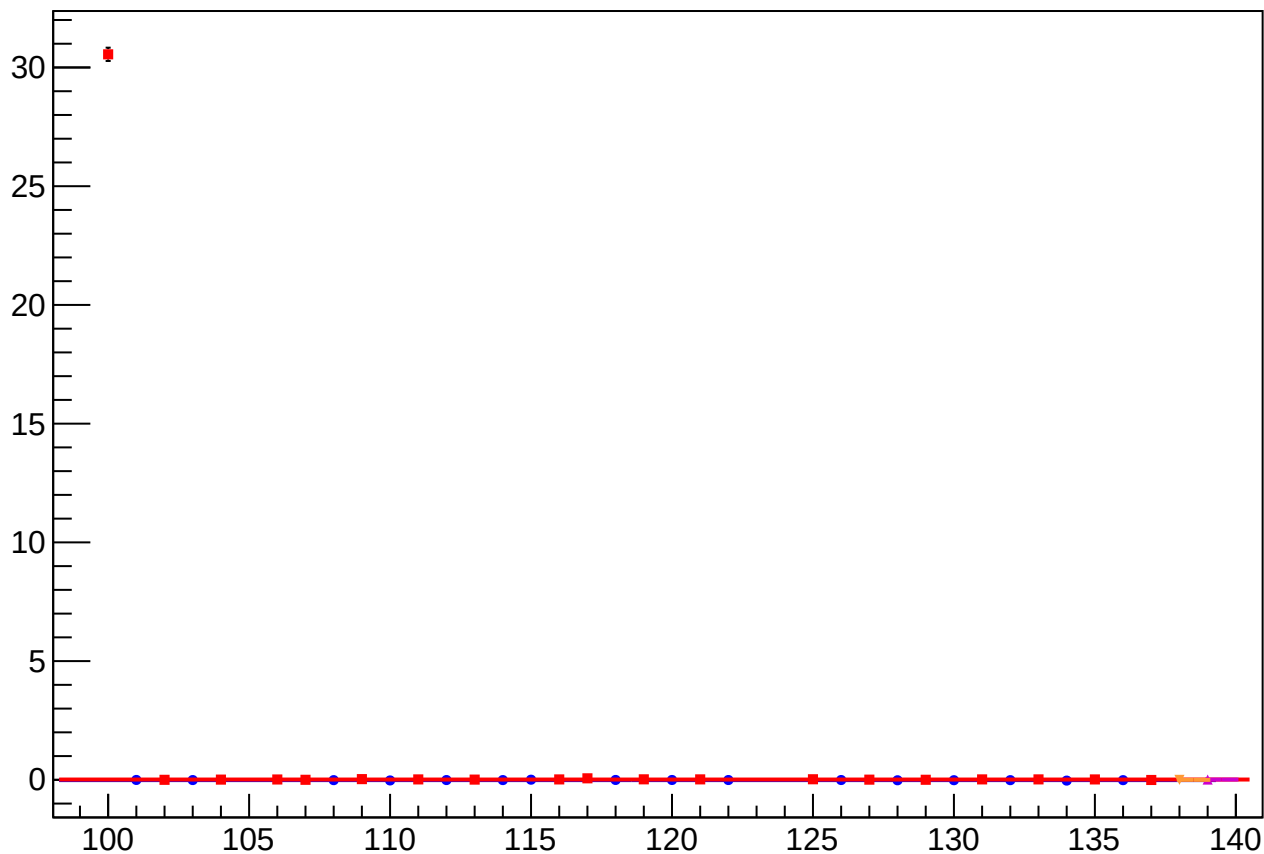
Left In: -0.365 ± 0.202 χ^2/NDF : 0.0/0

0.003 ± 0.031 χ^2/NDF : 16.1/16

-0.032 ± 0.023 χ^2/NDF : 44.2/36

-0.071 ± 0.033 χ^2/NDF : 25.5/19

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.002 ± 0.004 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.002 χ^2/NDF : 11894.2/18

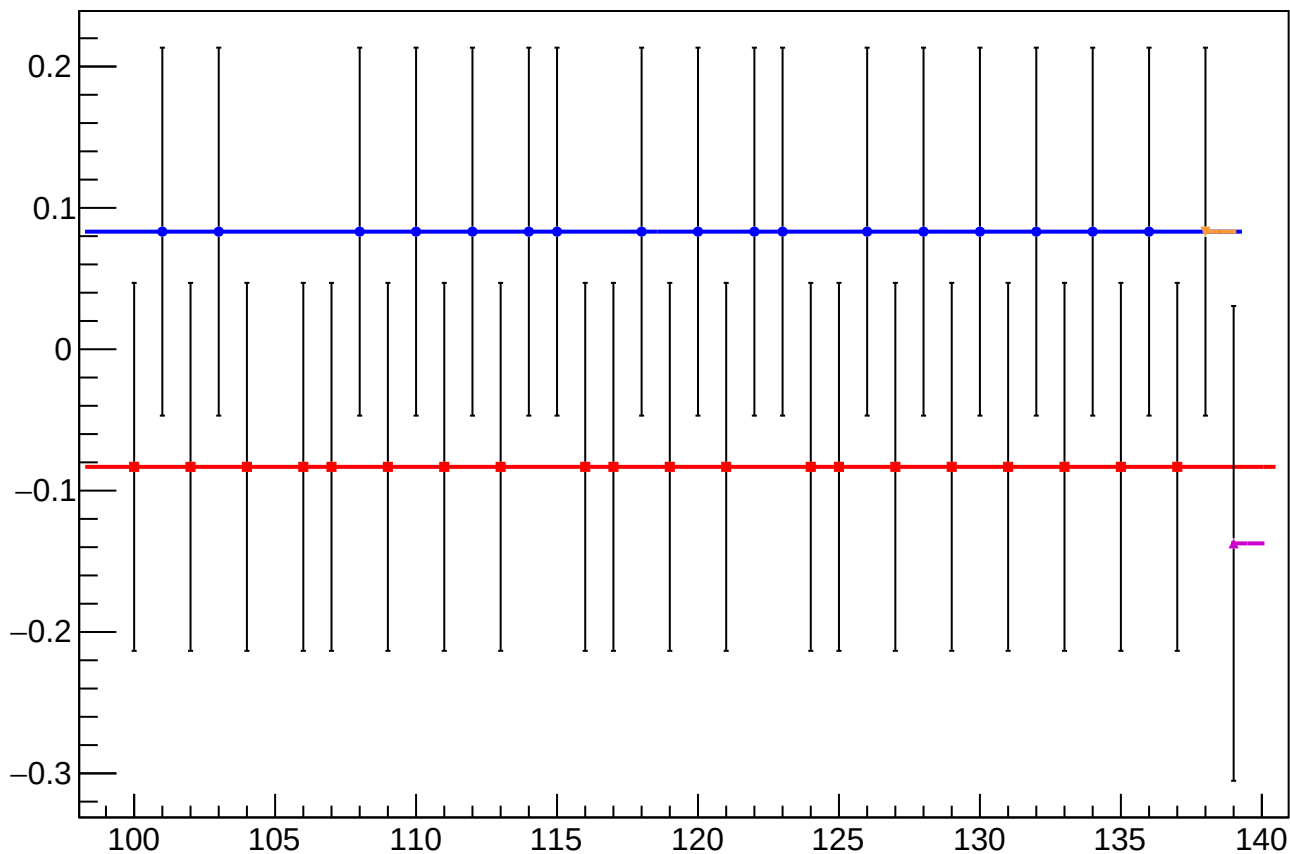
Left In: 0.012 ± 0.004 χ^2/NDF : 0.0/0

-0.010 ± 0.002 χ^2/NDF : 18.4/16

0.001 ± 0.001 χ^2/NDF : 12004.2/36

0.012 ± 0.002 χ^2/NDF : 11894.2/19

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.083 ± 0.032 χ^2/NDF : 0.0/16

Left Out: 0.083 ± 0.130 χ^2/NDF : 0.0/0

Right Out: -0.083 ± 0.029 χ^2/NDF : 0.0/19

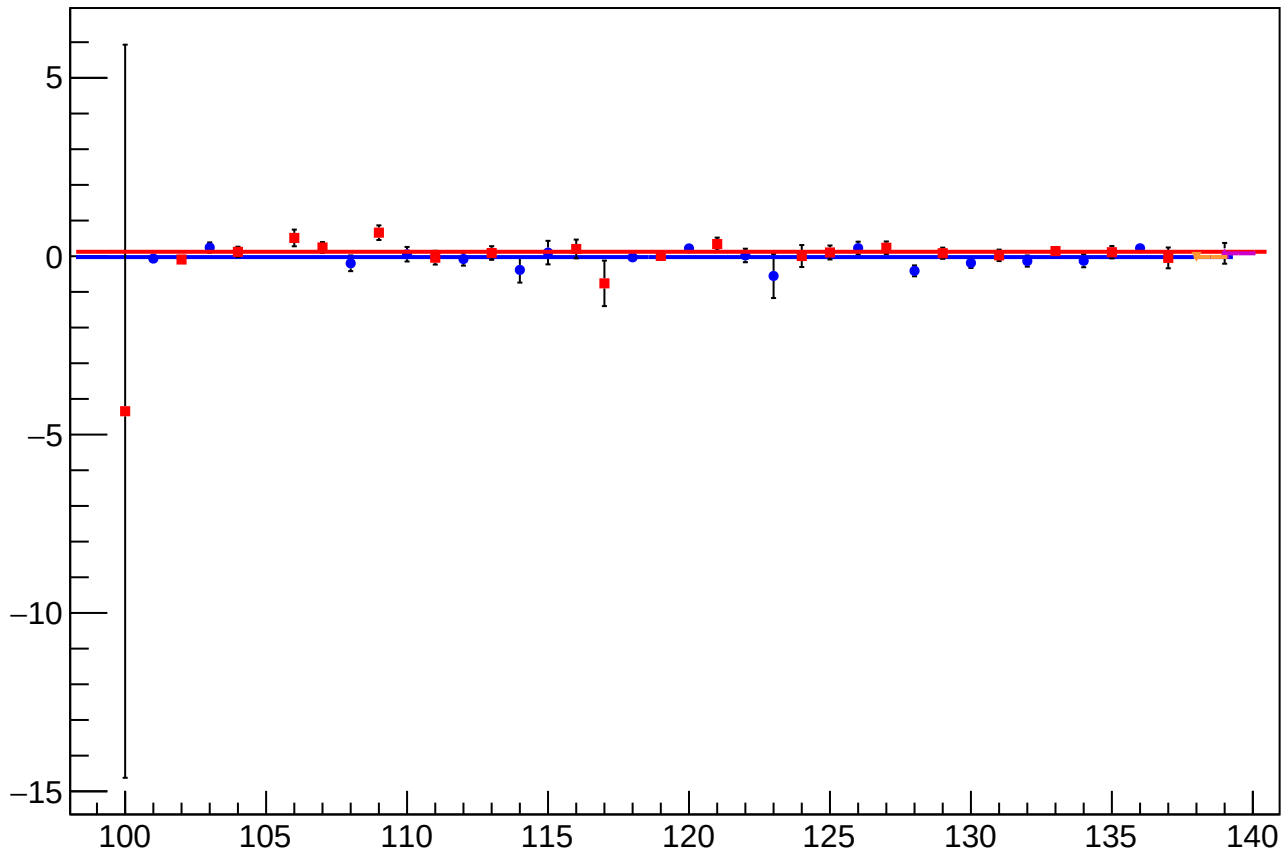
Left In: -0.137 ± 0.168 χ^2/NDF : 0.0/0

0.083 ± 0.031 χ^2/NDF : 0.0/17

-0.006 ± 0.021 χ^2/NDF : 16.1/38

-0.085 ± 0.029 χ^2/NDF : 0.1/20

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: 0.125 ± 0.039 χ^2/NDF : 19.6/19

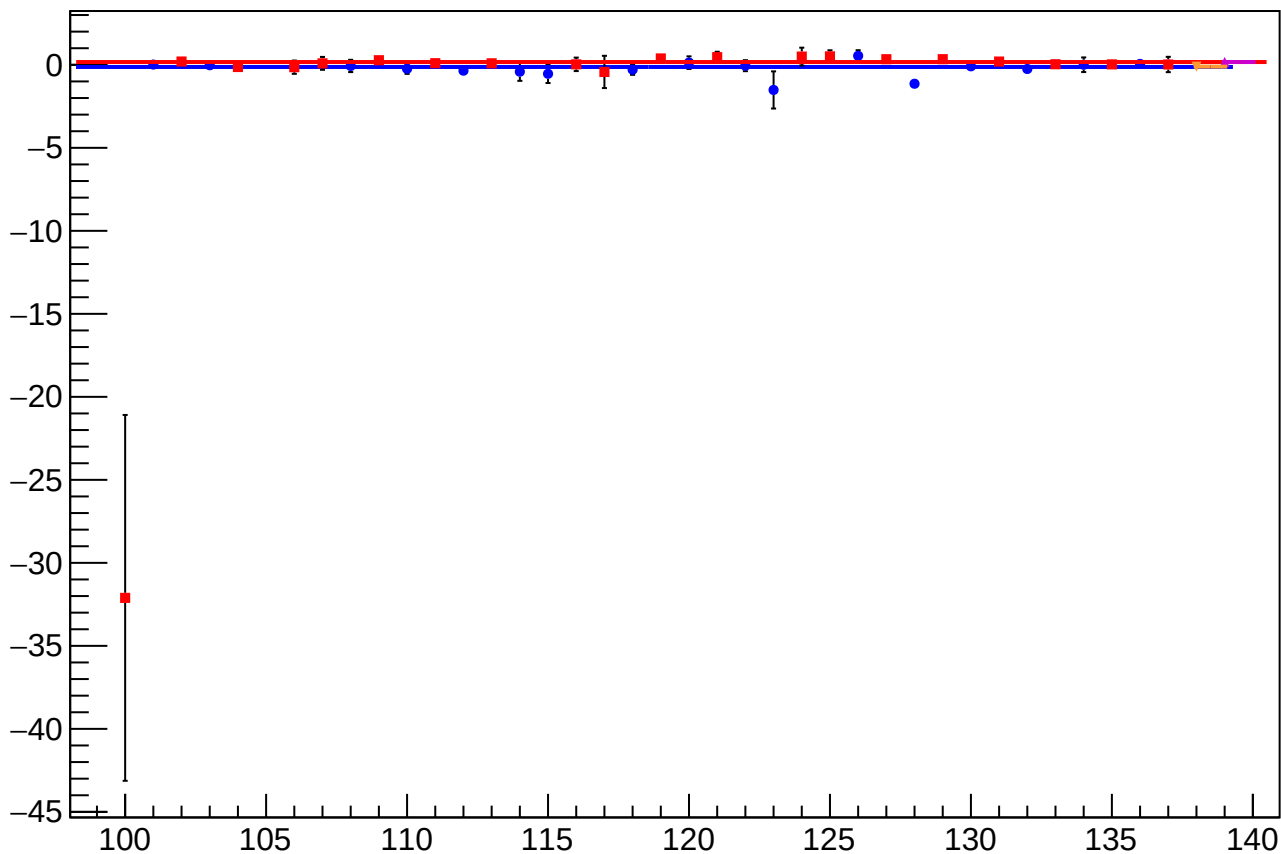
Left In: 0.081 ± 0.291 χ^2/NDF : 0.0/0

-0.024 ± 0.035 χ^2/NDF : 23.4/17

0.043 ± 0.026 χ^2/NDF : 50.9/38

0.124 ± 0.039 χ^2/NDF : 19.6/20

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: 0.168 ± 0.071 χ^2/NDF : 15.4/19

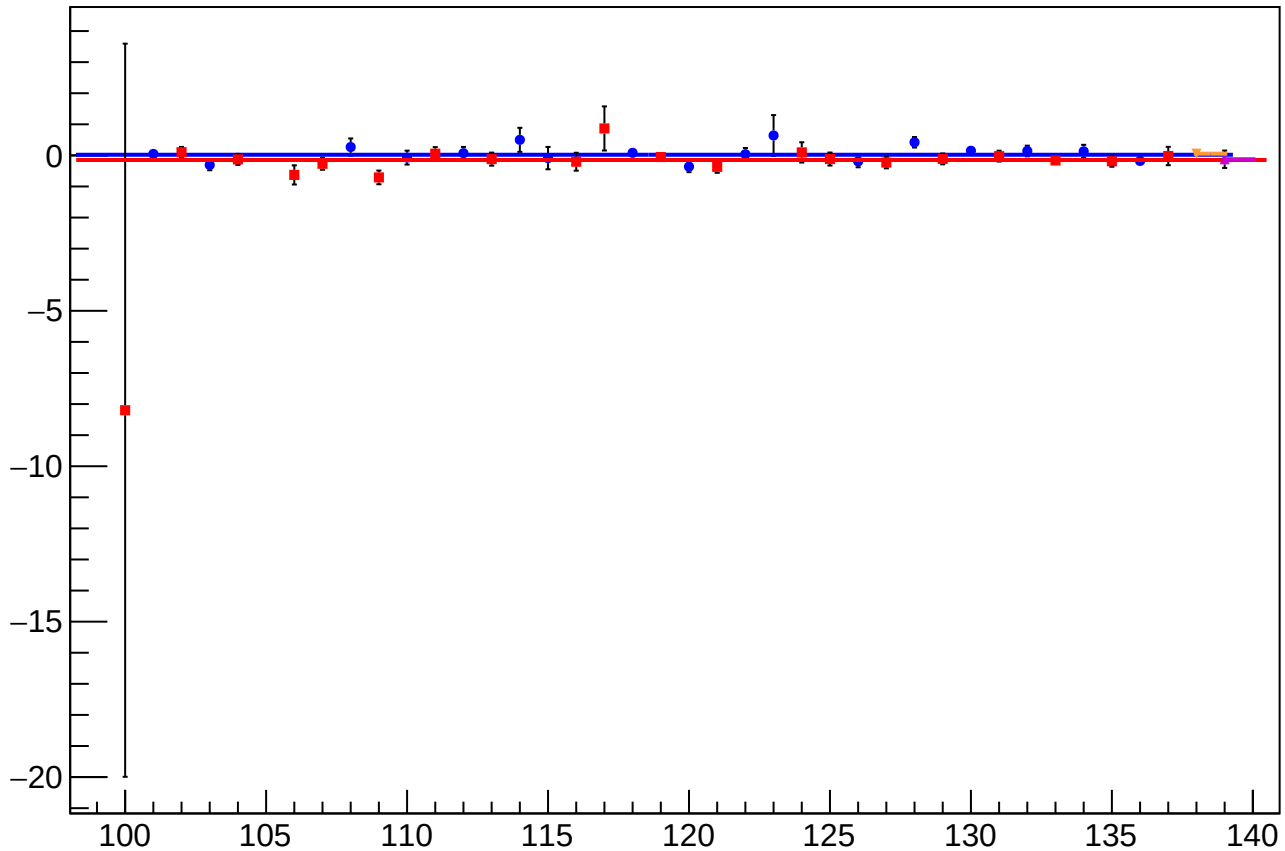
Left In: 0.170 ± 0.183 χ^2/NDF : 0.0/0

-0.126 ± 0.060 χ^2/NDF : 23.8/17

0.009 ± 0.045 χ^2/NDF : 50.0/38

0.169 ± 0.066 χ^2/NDF : 15.4/20

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.042 χ^2 /NDF: 22.5/16

Left Out: 0.056 $\pm$ 0.157 χ^2 /NDF: 0.0/0

Right Out: -0.148 $\pm$ 0.045 χ^2 /NDF: 18.3/19

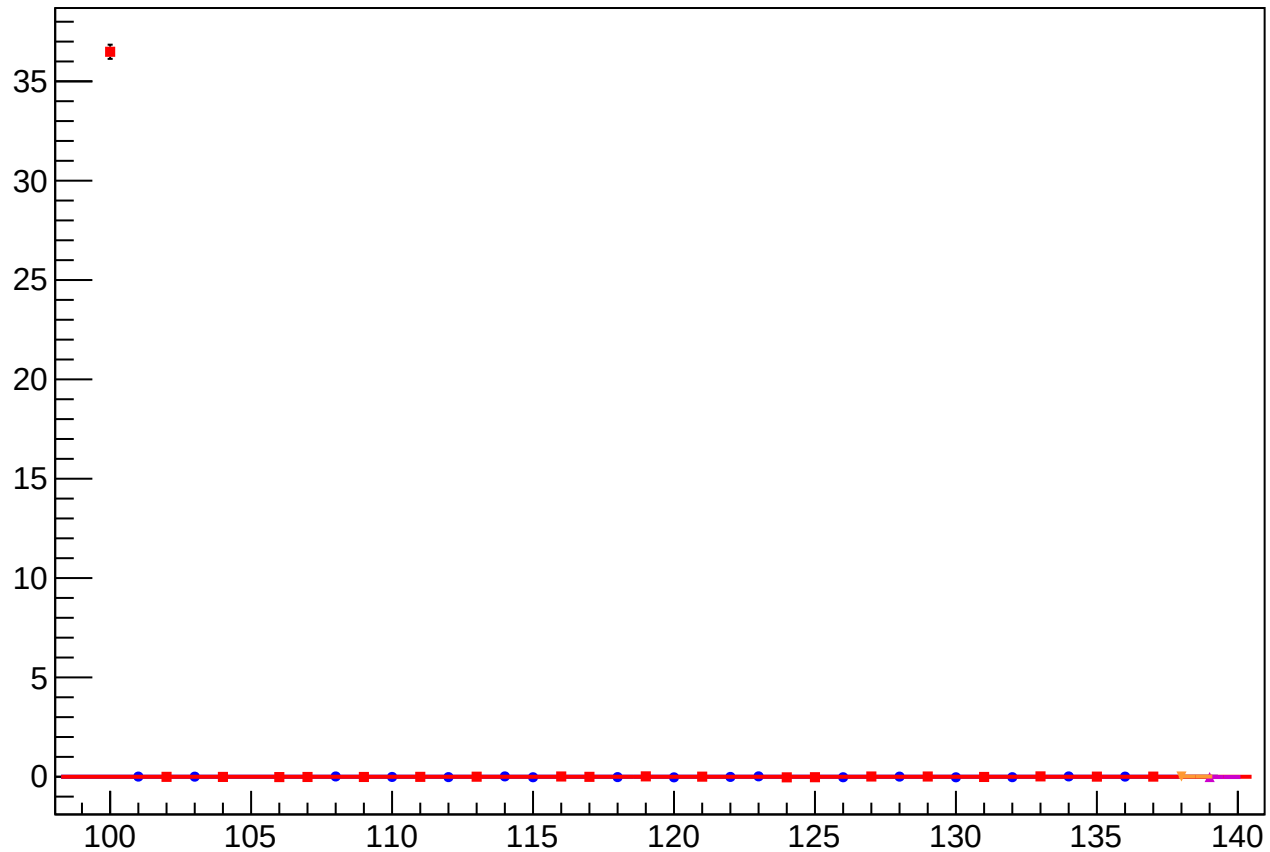
Left In: -0.124 $\pm$ 0.280 χ^2 /NDF: 0.0/0

0.023 $\pm$ 0.041 χ^2 /NDF: 22.5/17

-0.054 $\pm$ 0.030 χ^2 /NDF: 48.7/38

-0.147 $\pm$ 0.045 χ^2 /NDF: 18.3/20

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: 10449.1/19

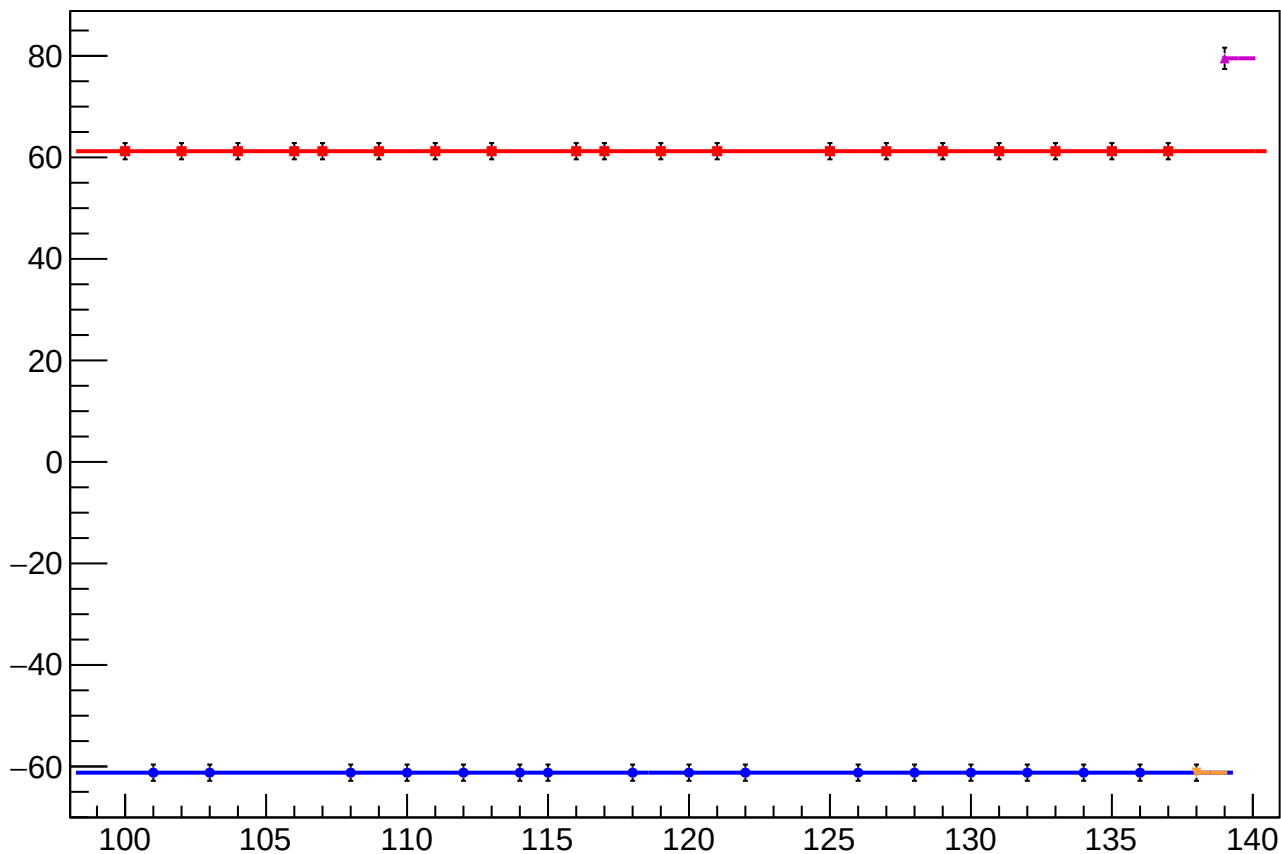
Left In: -0.014 $\pm$ 0.006 χ^2 /NDF: 0.0/0

0.003 $\pm$ 0.002 χ^2 /NDF: 35.6/17

0.000 $\pm$ 0.001 χ^2 /NDF: 10492.1/38

-0.003 $\pm$ 0.002 χ^2 /NDF: 10453.4/20

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -61.220 ± 0.400 $\chi^2/\text{NDF}: 0.0/15$

Left Out: -61.220 ± 1.602 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 61.220 ± 0.368 $\chi^2/\text{NDF}: 0.0/18$

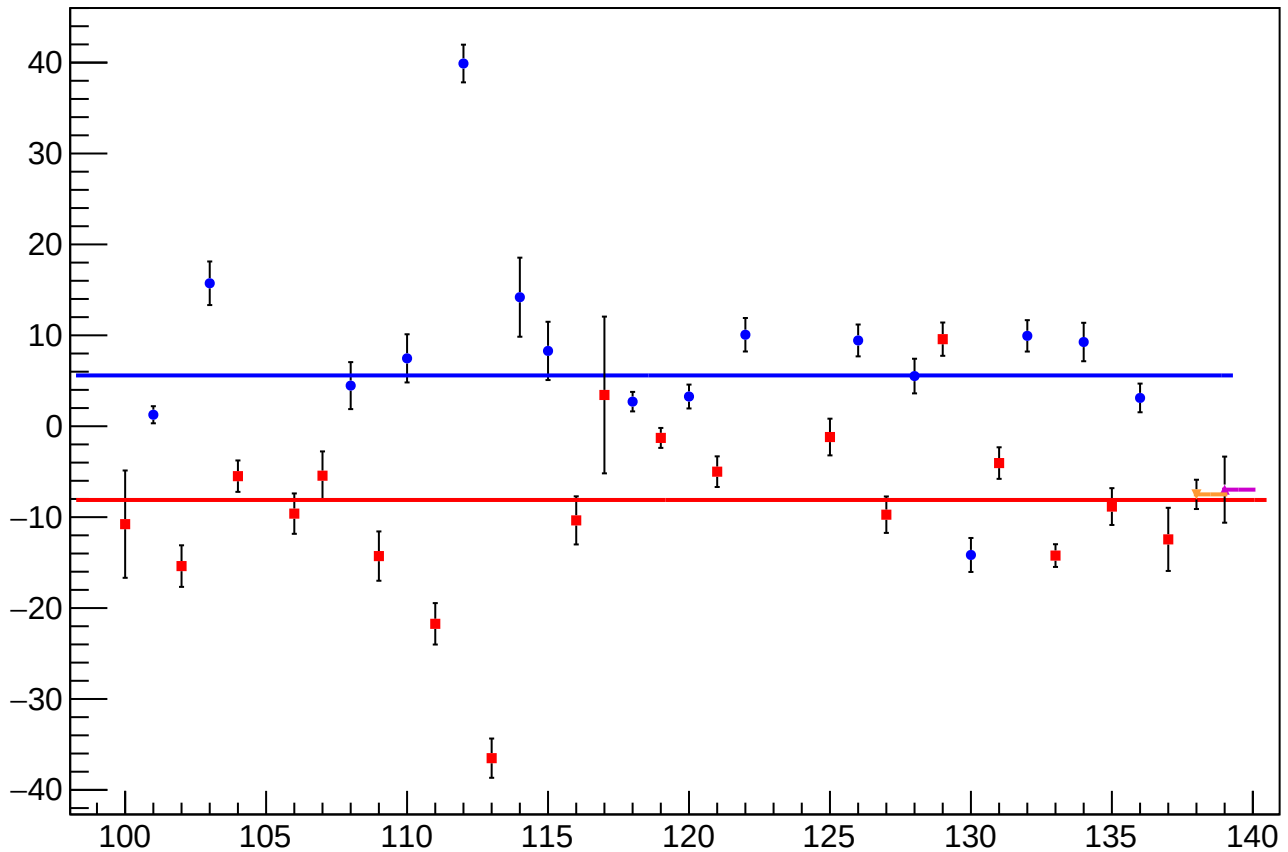
Left In: 79.519 ± 2.097 $\chi^2/\text{NDF}: 0.0/0$

-61.220 ± 0.389 $\chi^2/\text{NDF}: 0.0/16$

4.616 ± 0.265 $\chi^2/\text{NDF}: 53710.1/36$

61.766 ± 0.362 $\chi^2/\text{NDF}: 73.9/19$

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: -8.110+/-0.453 χ^2/NDF : 409.5/18

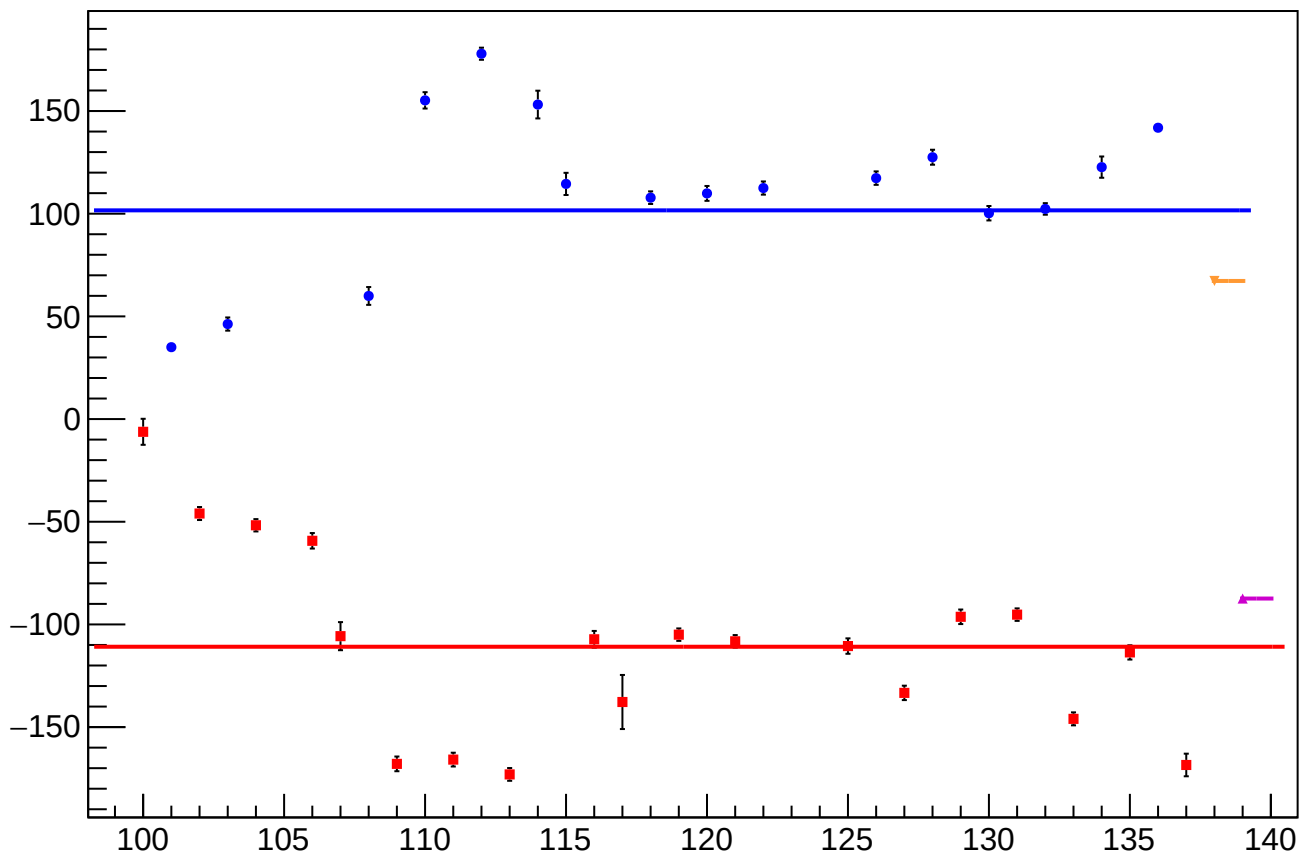
Left In: -6.974+/-3.635 χ^2/NDF : 0.0/0

4.743+/-0.410 χ^2/NDF : 524.5/16

-1.079+/-0.303 χ^2/NDF : 1379.6/36

-8.093+/-0.450 χ^2/NDF : 409.6/19

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 67.251 $\pm$ 1.737 χ^2 /NDF: 0.0/0

Right Out: -110.864 $\pm$ 0.835 χ^2 /NDF: 2517.1/18

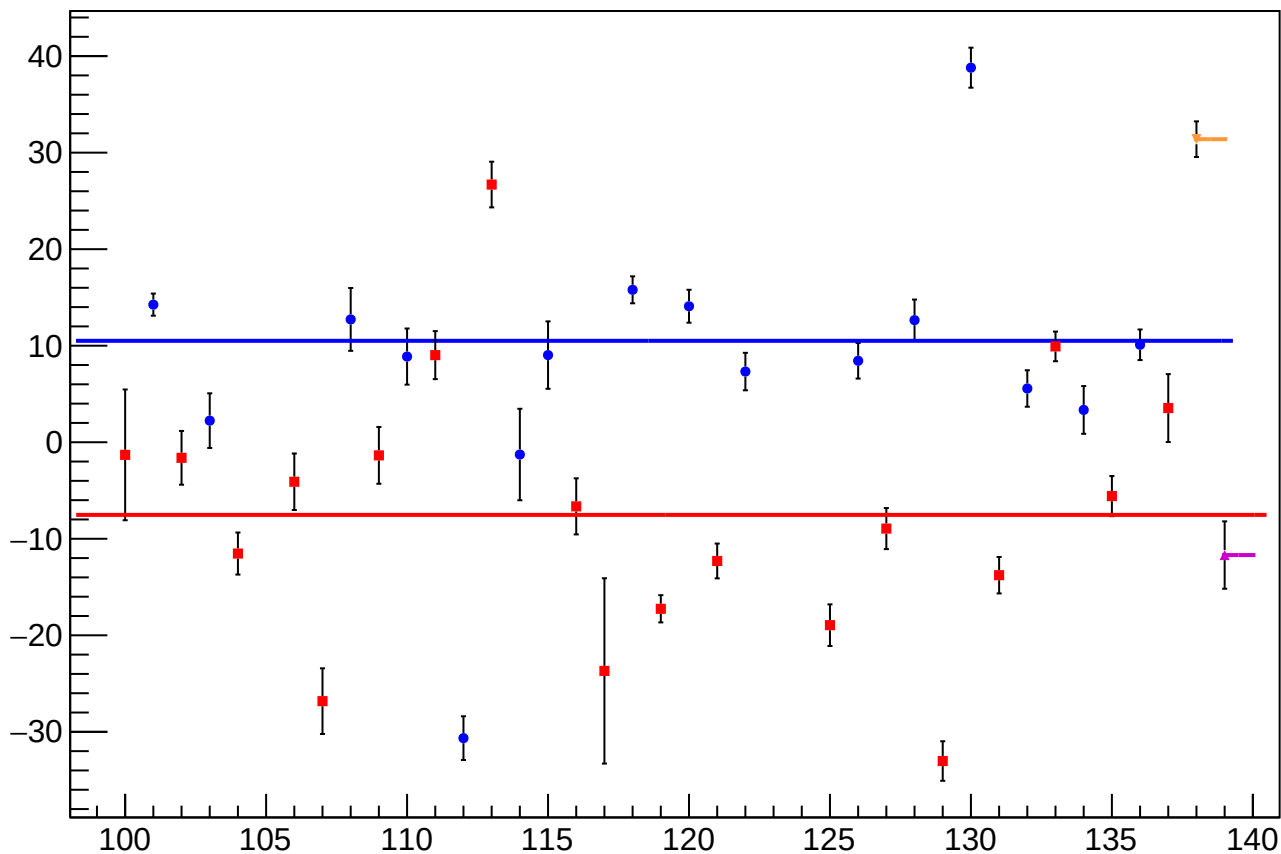
Left In: -87.395 $\pm$ 2.286 χ^2 /NDF: 0.0/0

95.527 $\pm$ 0.732 χ^2 /NDF: 3301.2/16

0.702 $\pm$ 0.535 χ^2 /NDF: 41965.9/36

-108.105 $\pm$ 0.784 χ^2 /NDF: 2610.1/19

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: -7.525 $\pm$ 0.523 χ^2 /NDF: 692.2/18

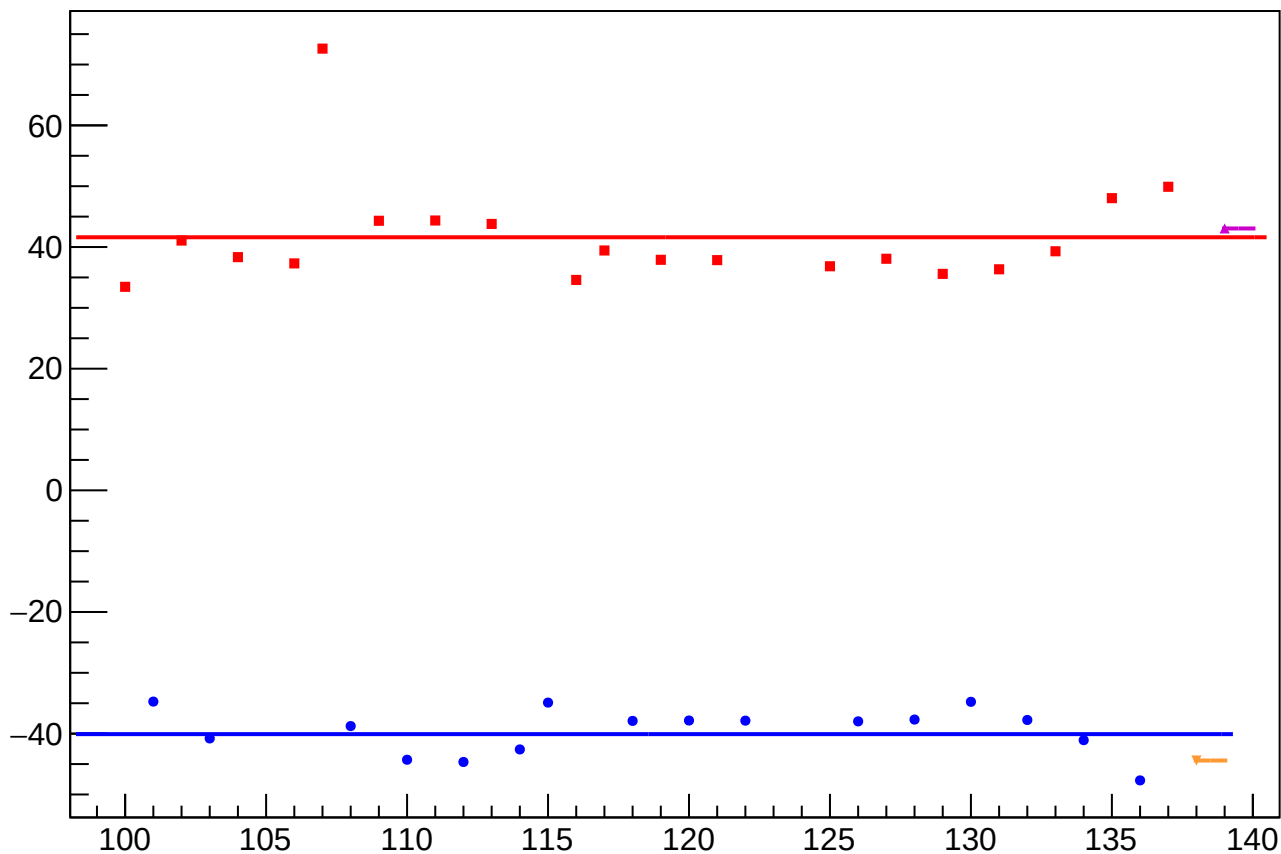
Left In: -11.687 $\pm$ 3.491 χ^2 /NDF: 0.0/0

11.894 $\pm$ 0.475 χ^2 /NDF: 701.1/16

2.963 $\pm$ 0.350 χ^2 /NDF: 2165.5/36

-7.616 $\pm$ 0.517 χ^2 /NDF: 693.6/19

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080+/-0.028 χ^2/NDF : 25123.9/15

Left Out: -44.418+/-0.069 χ^2/NDF : 0.0/0

Right Out: 41.605+/-0.029 χ^2/NDF : 61797.6/18

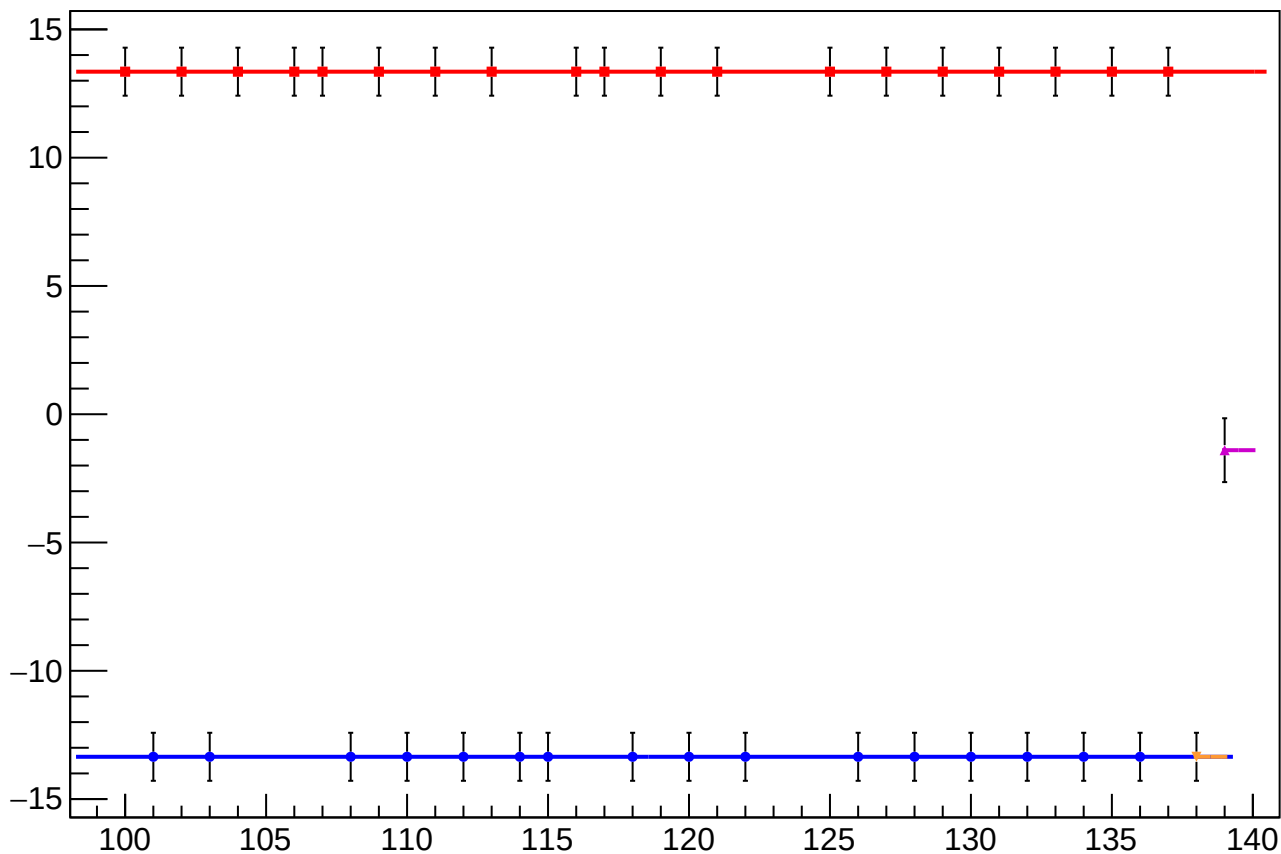
Left In: 43.053+/-0.077 χ^2/NDF : 0.0/0

-40.705+/-0.026 χ^2/NDF : 28537.9/16

-0.493+/-0.019 χ^2/NDF : 4965933.3/36

41.781+/-0.027 χ^2/NDF : 62111.8/19

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.352 $\pm$ 0.234 χ^2/NDF : 0.0/15

Left Out: -13.352 $\pm$ 0.936 χ^2/NDF : 0.0/0

Right Out: 13.352 $\pm$ 0.215 χ^2/NDF : 0.0/18

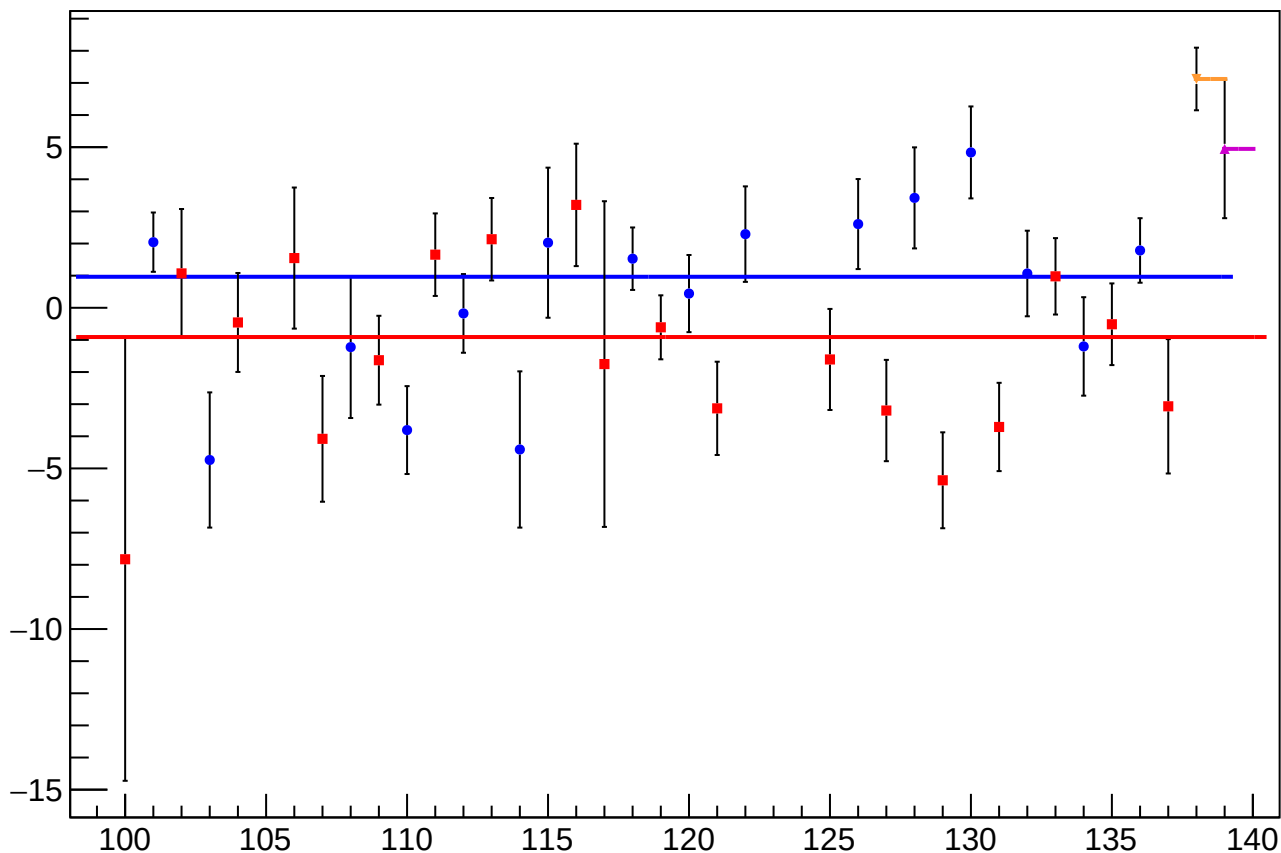
Left In: -1.401 $\pm$ 1.244 χ^2/NDF : 0.0/0

-13.352 $\pm$ 0.227 χ^2/NDF : 0.0/16

0.709 $\pm$ 0.155 χ^2/NDF : 7308.9/36

12.925 $\pm$ 0.212 χ^2/NDF : 136.5/19

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965 ± 0.338 $\chi^2/\text{NDF}: 42.9/15$

Left Out: 7.123 ± 0.975 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.910 ± 0.353 $\chi^2/\text{NDF}: 42.0/18$

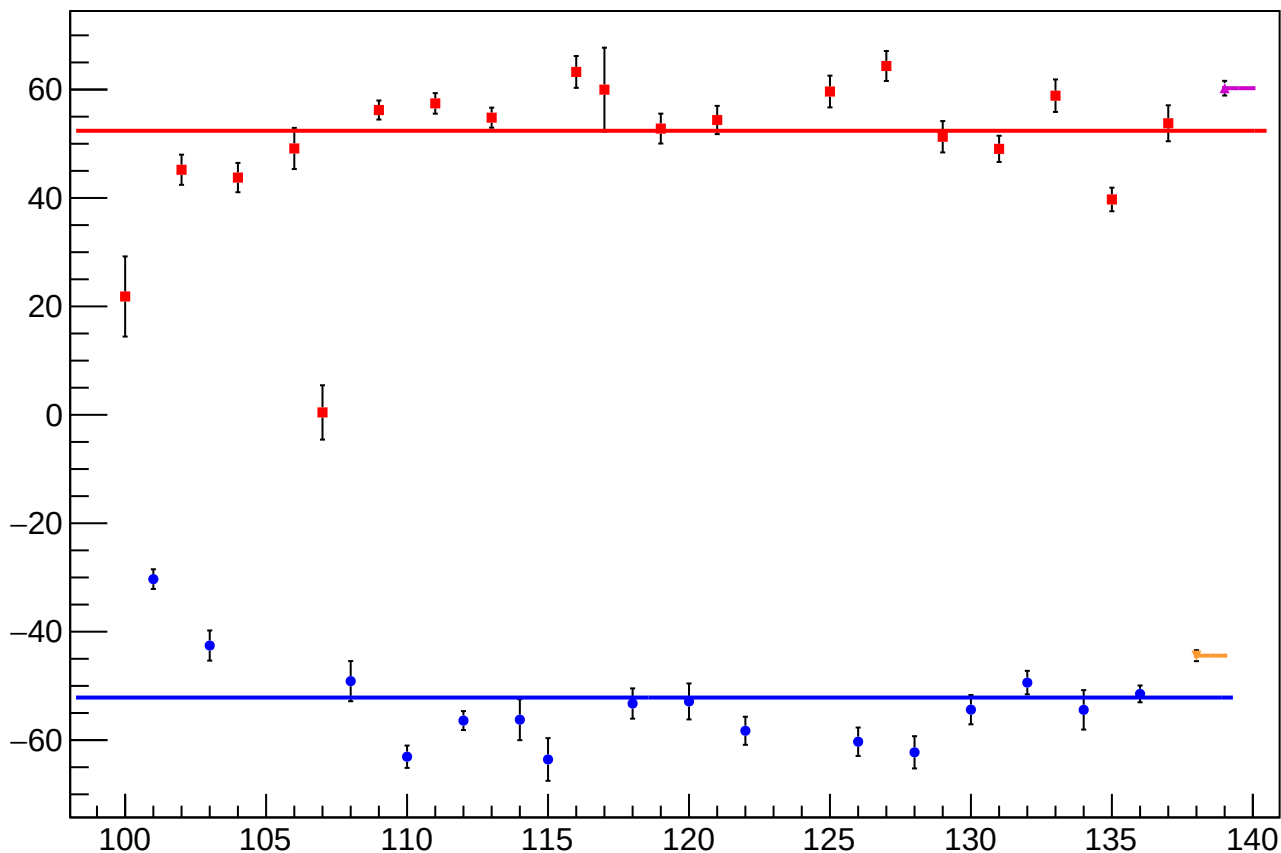
Left In: 4.946 ± 2.157 $\chi^2/\text{NDF}: 0.0/0$

1.627 ± 0.319 $\chi^2/\text{NDF}: 78.6/16$

0.537 ± 0.235 $\chi^2/\text{NDF}: 153.2/36$

-0.758 ± 0.348 $\chi^2/\text{NDF}: 49.2/19$

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: 52.394 ± 0.614 χ^2/NDF : 236.7/18

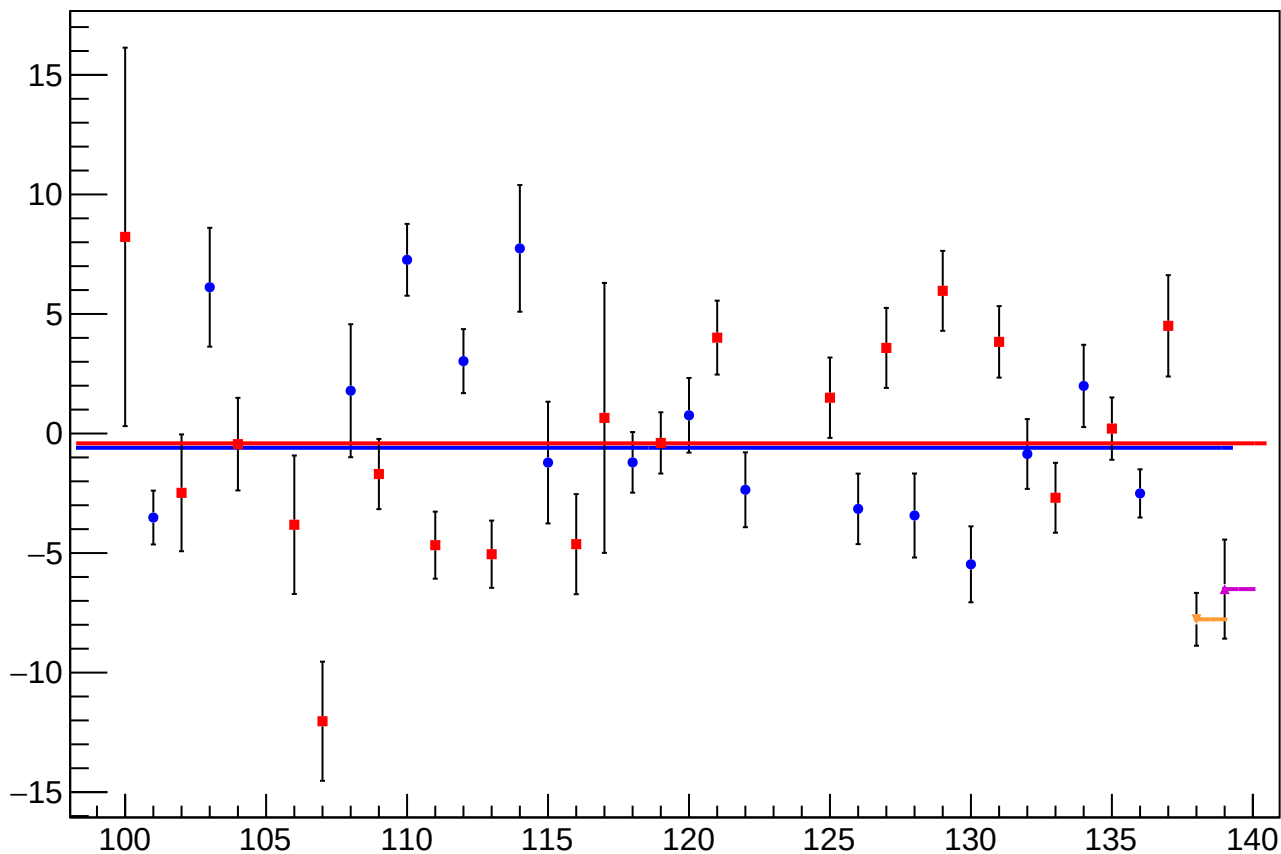
Left In: 60.252 ± 1.357 χ^2/NDF : 0.0/0

-50.087 ± 0.524 χ^2/NDF : 272.8/16

-1.553 ± 0.382 χ^2/NDF : 18885.5/36

53.729 ± 0.559 χ^2/NDF : 264.5/19

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: -0.411 ± 0.399 χ^2/NDF : 95.8/18

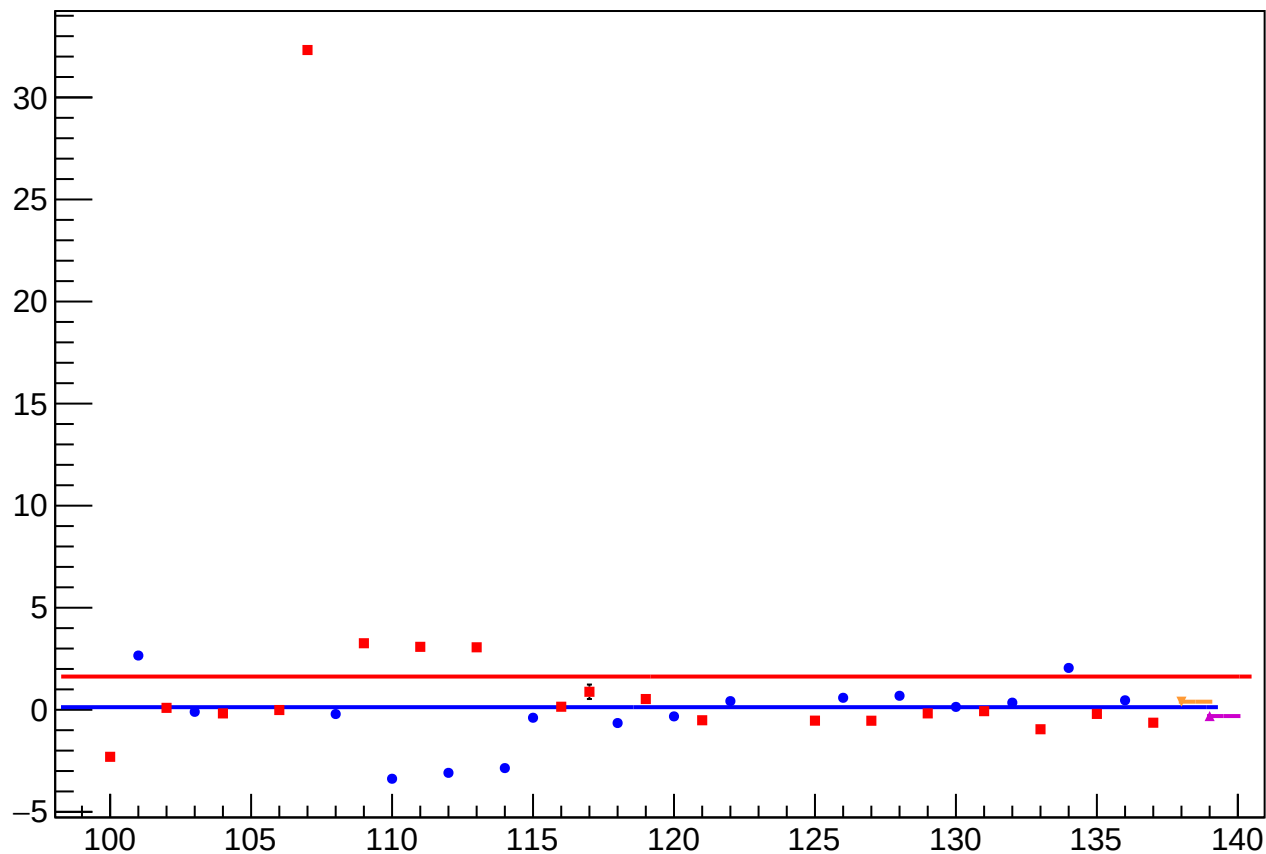
Left In: -6.507 ± 2.072 χ^2/NDF : 0.0/0

-1.368 ± 0.363 χ^2/NDF : 120.2/16

-1.027 ± 0.266 χ^2/NDF : 226.3/36

-0.628 ± 0.392 χ^2/NDF : 104.2/19

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: 0.397 ± 0.040 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.628 ± 0.022 $\chi^2/\text{NDF}: 77883.0/18$

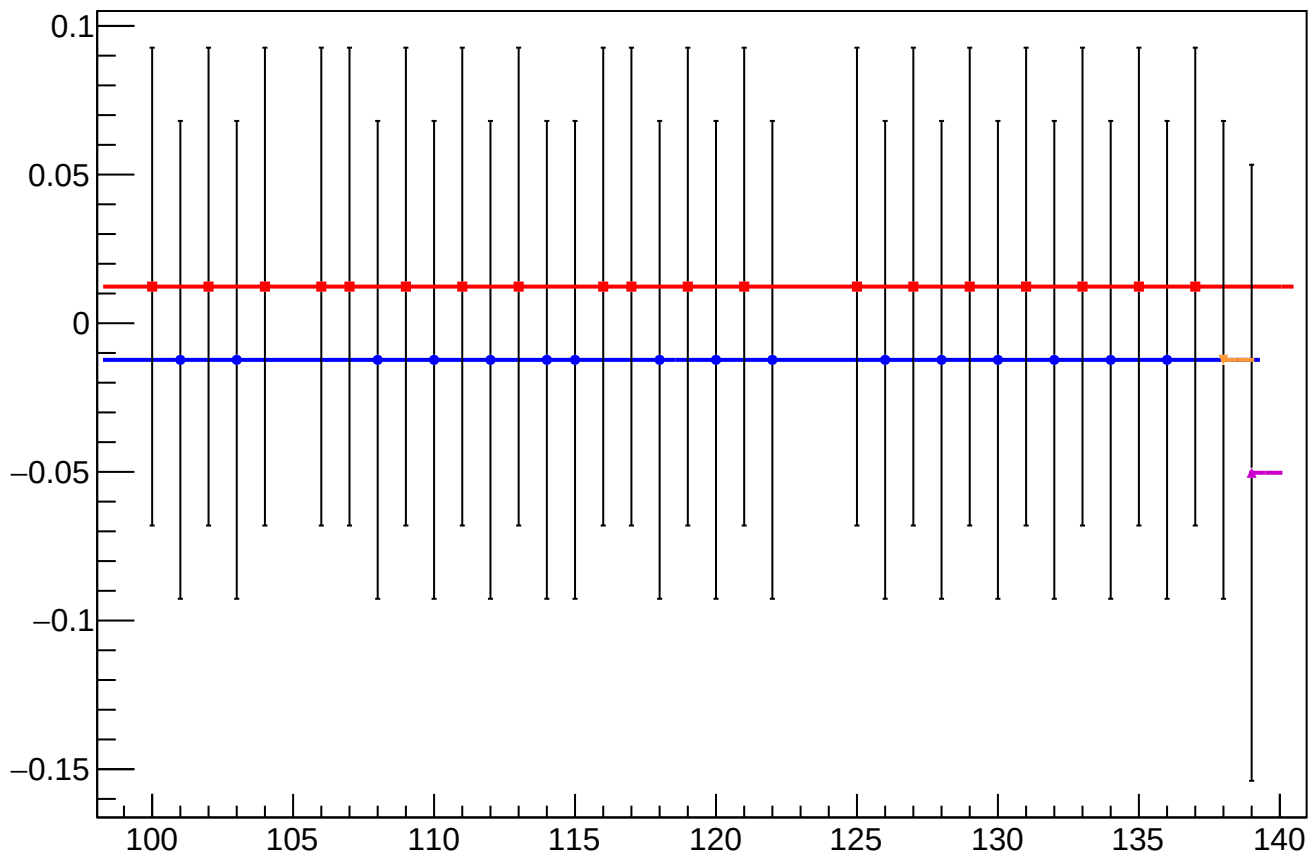
Left In: -0.307 ± 0.045 $\chi^2/\text{NDF}: 0.0/0$

0.189 ± 0.019 $\chi^2/\text{NDF}: 5288.3/16$

0.708 ± 0.014 $\chi^2/\text{NDF}: 86214.8/36$

1.267 ± 0.020 $\chi^2/\text{NDF}: 79361.6/19$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.020 χ^2/NDF : 0.0/15

Left Out: -0.012 ± 0.080 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.018 χ^2/NDF : 0.0/18

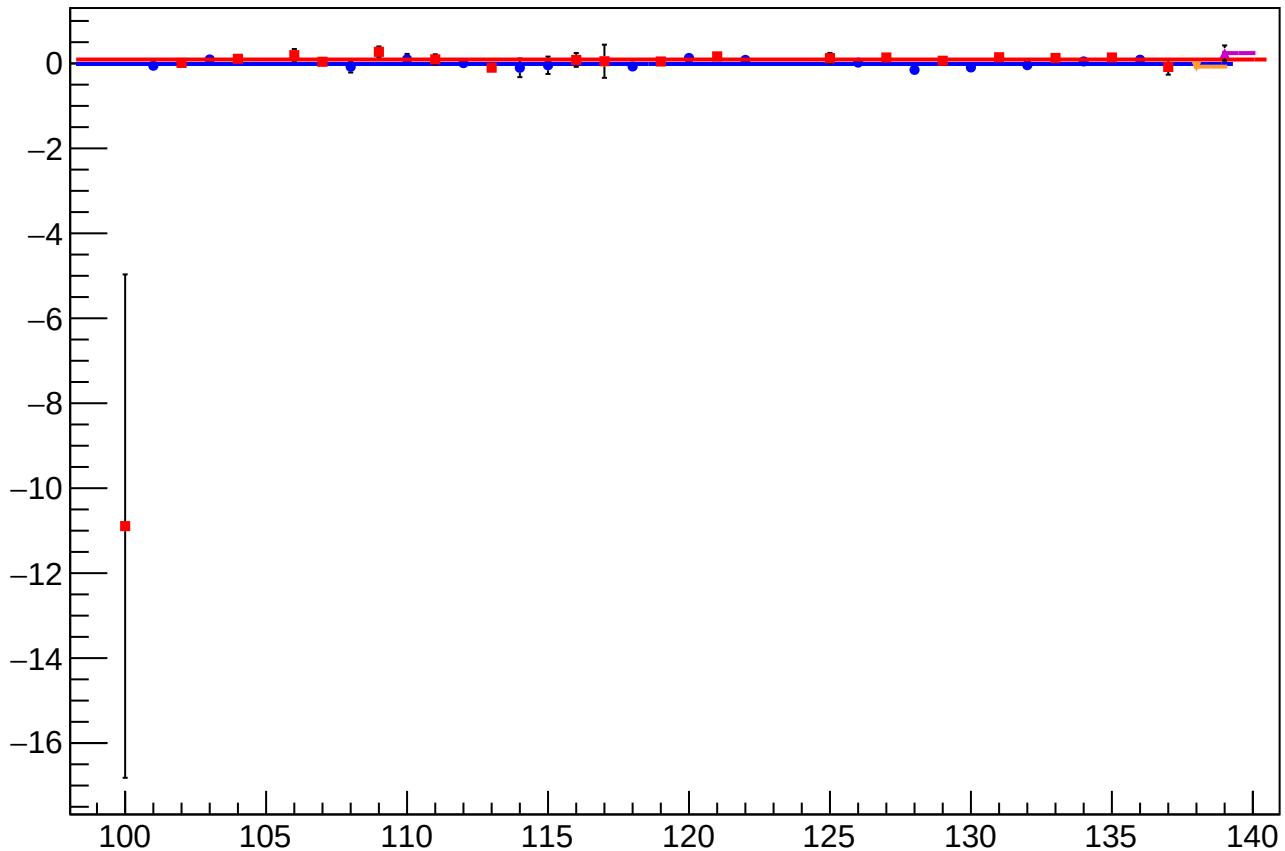
Left In: -0.050 ± 0.104 χ^2/NDF : 0.0/0

-0.012 ± 0.019 χ^2/NDF : 0.0/16

-0.000 ± 0.013 χ^2/NDF : 1.1/36

0.010 ± 0.018 χ^2/NDF : 0.4/19

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 : 12.7/18

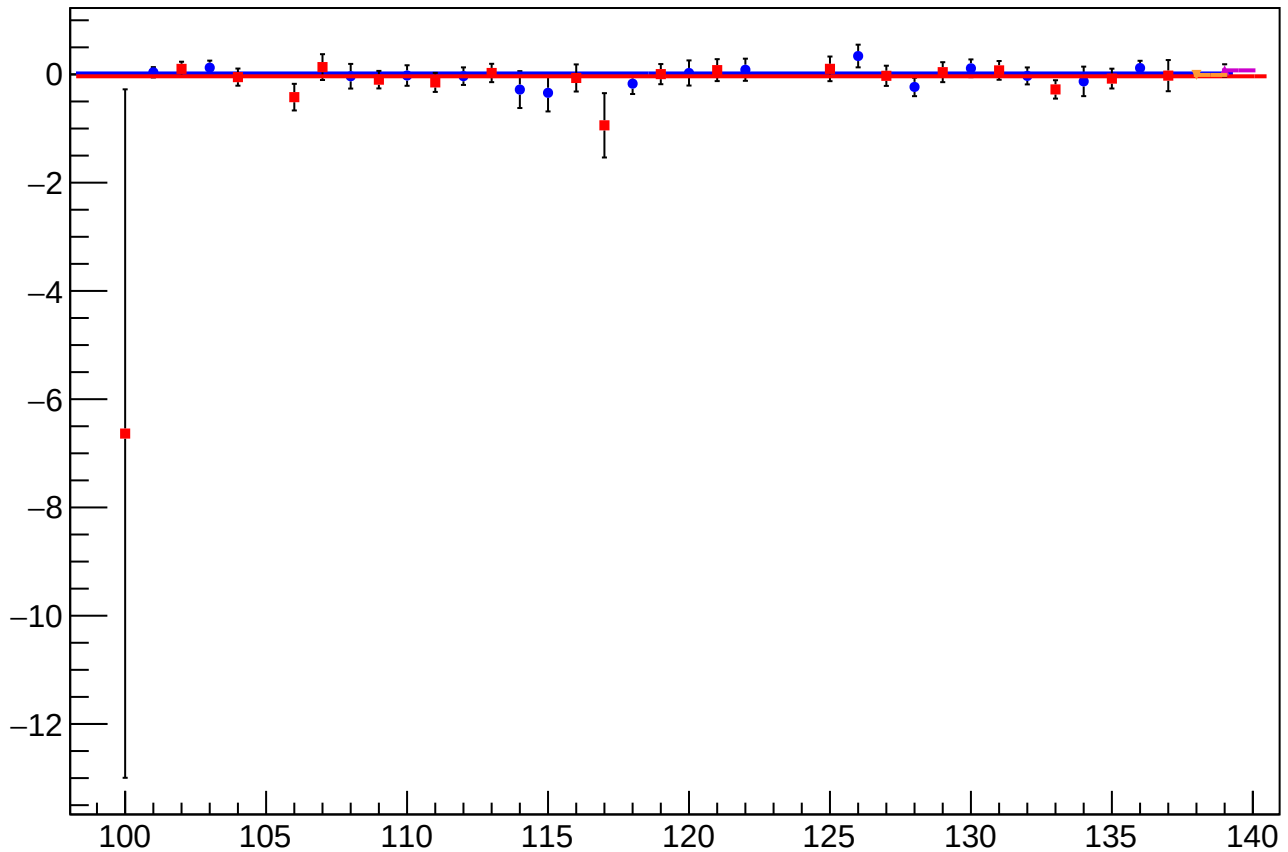
Left In: 0.243 ± 0.180 χ^2/NDF : 0.0/0

-0.017 ± 0.022 χ^2/NDF : 12.7/16

0.034 ± 0.017 χ^2/NDF : 37.4/36

0.095 ± 0.025 χ^2/NDF : 13.4/19

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF : 9.6/15

Left Out: -0.010+/-0.087 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.045 χ^2/NDF : 11.5/18

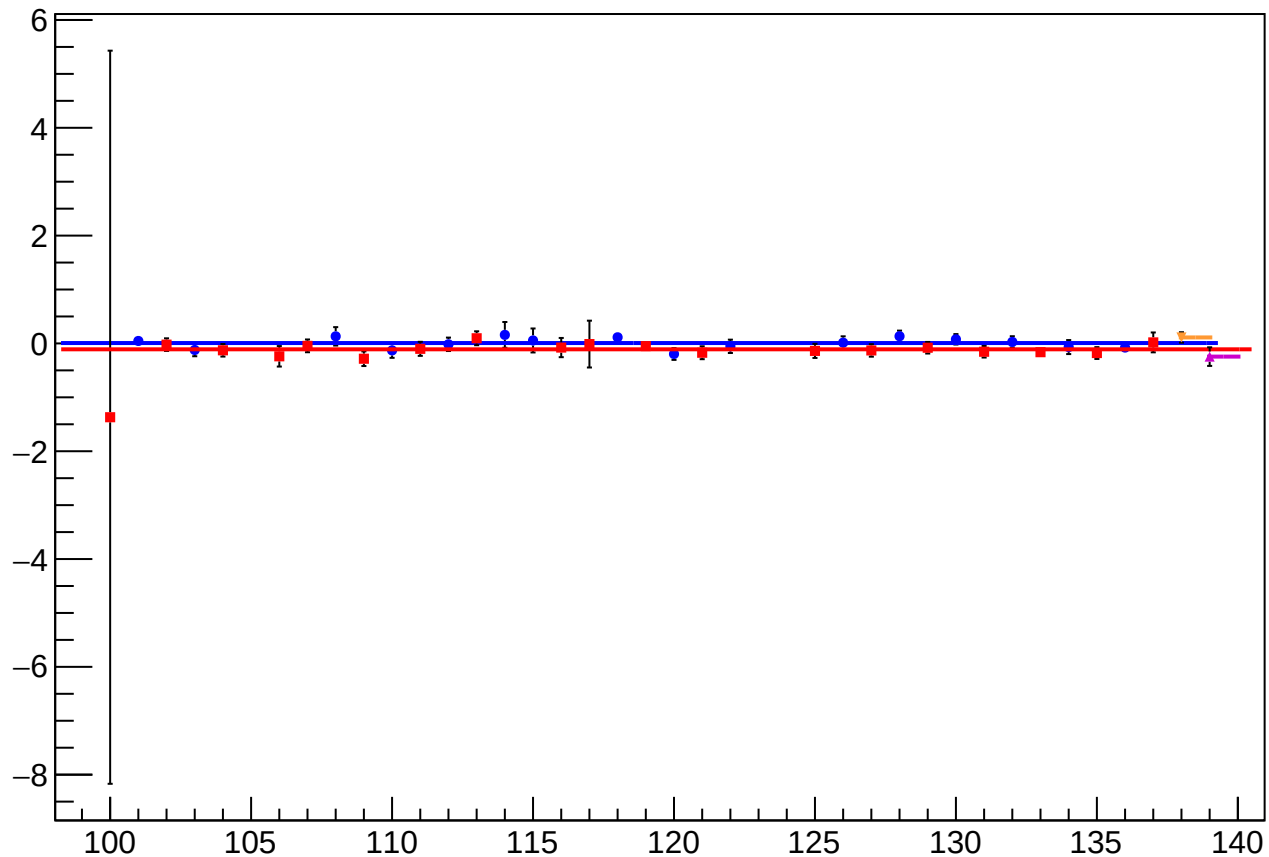
Left In: 0.075+/-0.113 χ^2/NDF : 0.0/0

0.012+/-0.038 χ^2/NDF : 9.7/16

-0.003+/-0.028 χ^2/NDF : 22.4/36

-0.020+/-0.042 χ^2/NDF : 12.4/19

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.111 ± 0.097 χ^2/NDF : 0.0/0

Right Out: -0.109 ± 0.029 χ^2/NDF : 8.0/18

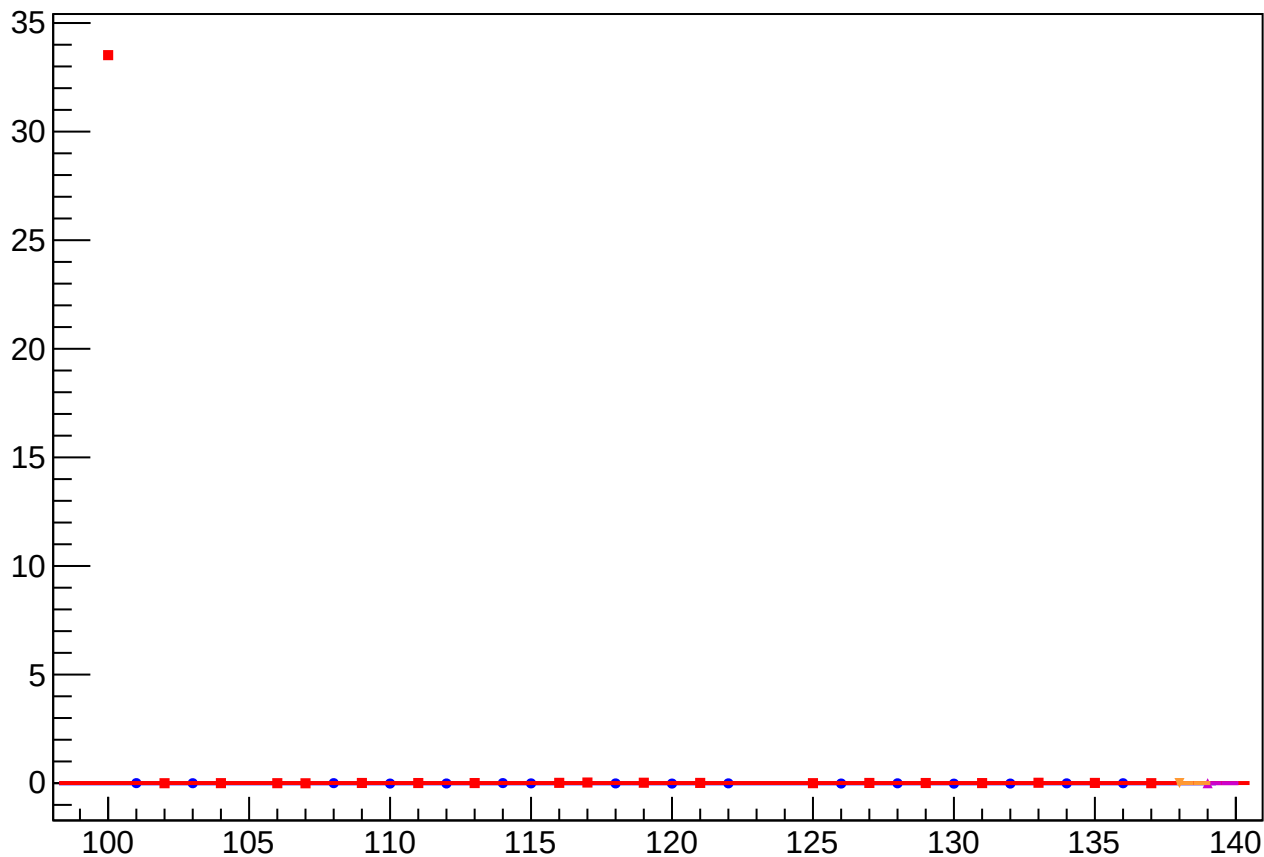
Left In: -0.245 ± 0.172 χ^2/NDF : 0.0/0

0.014 ± 0.026 χ^2/NDF : 13.2/16

-0.044 ± 0.019 χ^2/NDF : 32.9/36

-0.113 ± 0.028 χ^2/NDF : 8.6/19

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 : 26509.7/18

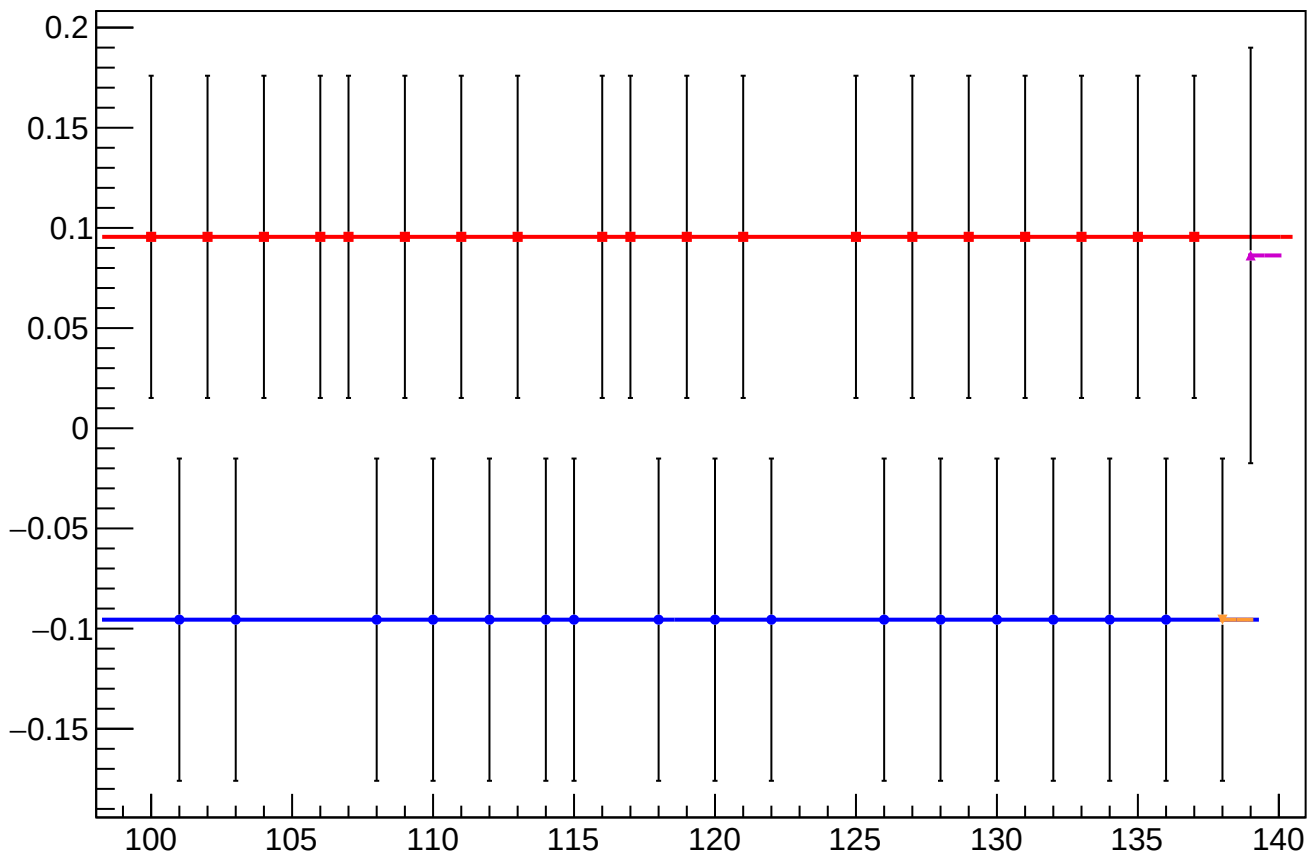
Left In: -0.002 ± 0.004 χ^2/NDF : 0.0/0

-0.004 ± 0.001 χ^2/NDF : 30.6/16

0.000 ± 0.001 χ^2/NDF : 26565.2/36

0.005 ± 0.001 χ^2/NDF : 26513.2/19

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.096 ± 0.020 χ^2/NDF : 0.0/15

Left Out: -0.096 ± 0.080 χ^2/NDF : 0.0/0

Right Out: 0.096 ± 0.018 χ^2/NDF : 0.0/18

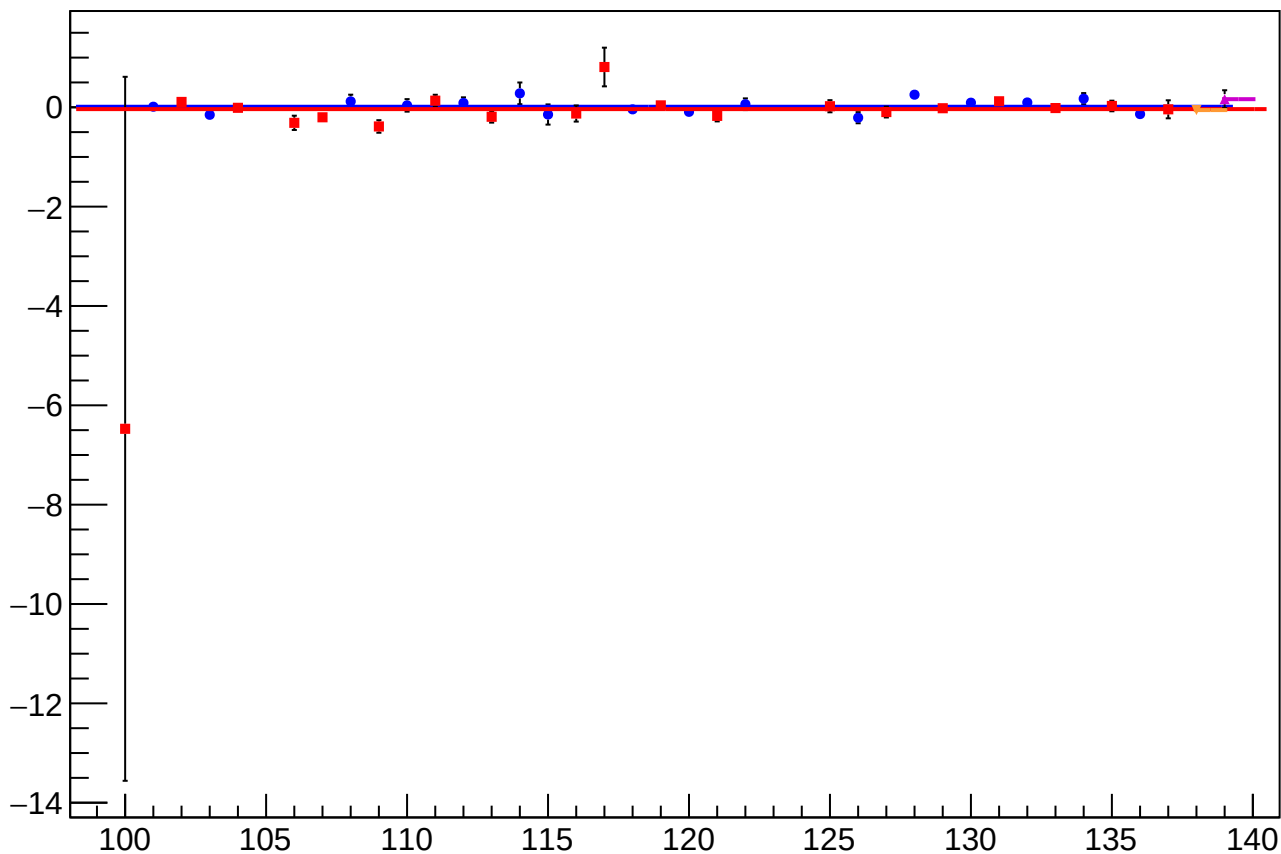
Left In: 0.086 ± 0.104 χ^2/NDF : 0.0/0

-0.096 ± 0.020 χ^2/NDF : 0.0/16

0.007 ± 0.013 χ^2/NDF : 51.2/36

0.095 ± 0.018 χ^2/NDF : 0.0/19

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 25.4/15

Left Out: -0.056 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Right Out: -0.037 $\pm$ 0.025 χ^2 /NDF: 32.7/18

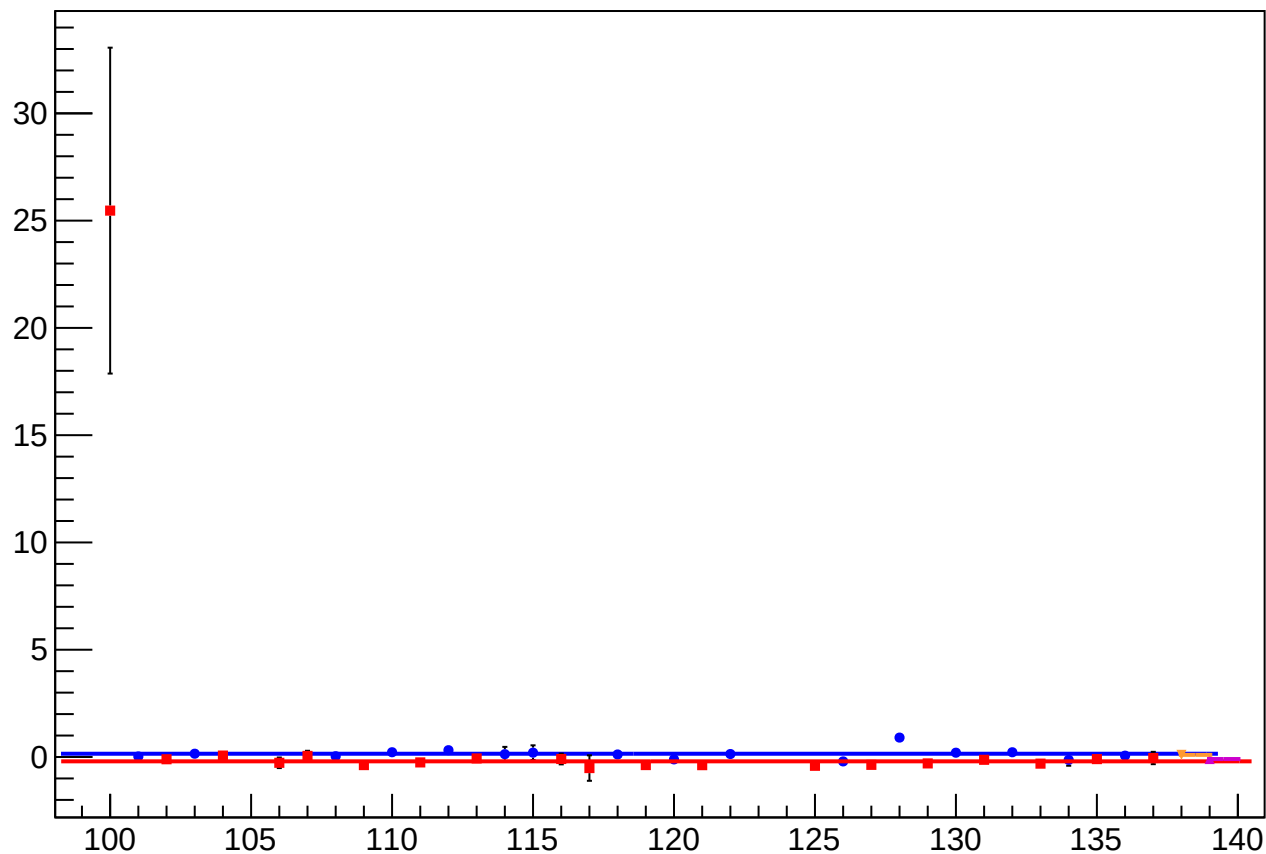
Left In: 0.163 $\pm$ 0.180 χ^2 /NDF: 0.0/0

0.006 $\pm$ 0.022 χ^2 /NDF: 26.0/16

-0.012 $\pm$ 0.017 χ^2 /NDF: 61.3/36

-0.033 $\pm$ 0.024 χ^2 /NDF: 33.9/19

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: -0.202 $\pm$ 0.045 χ^2 /NDF: 23.2/18

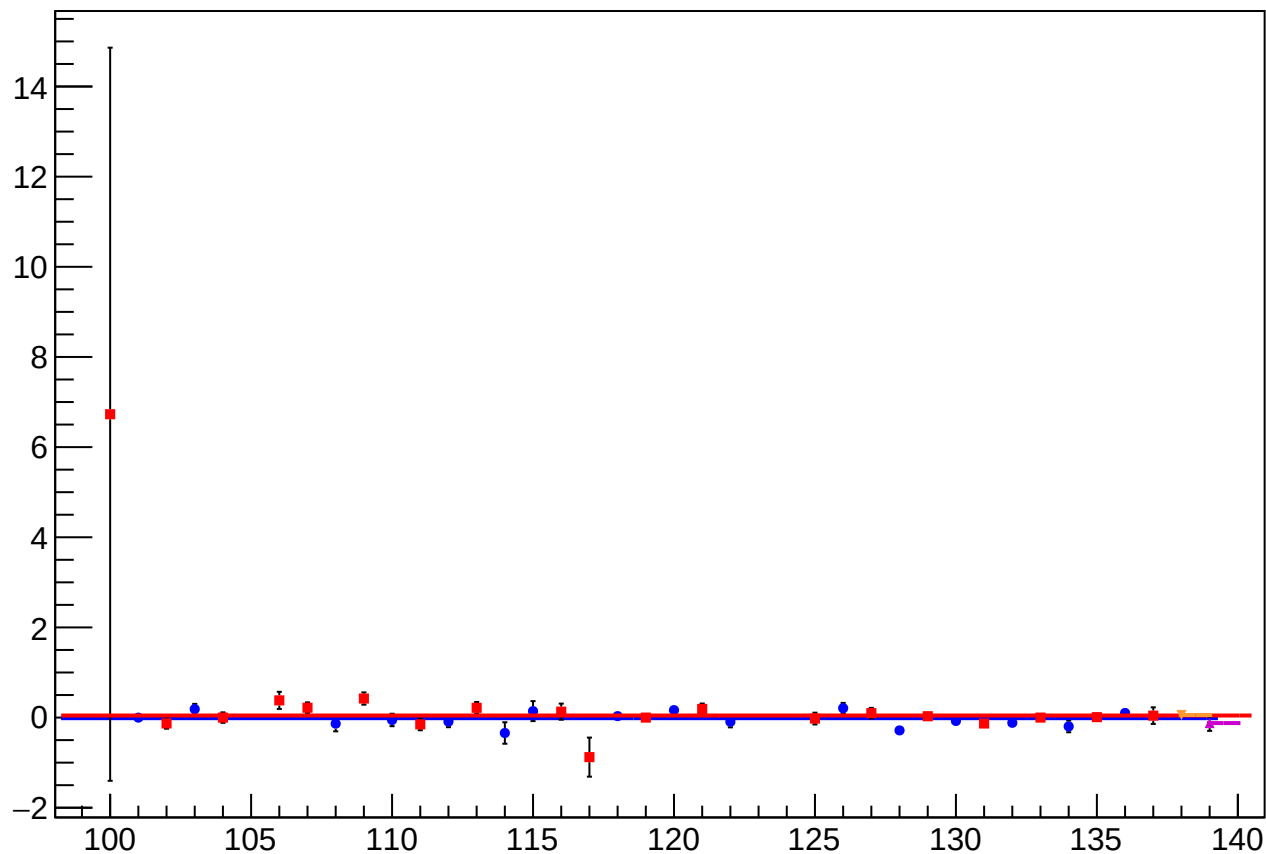
Left In: -0.094 $\pm$ 0.113 χ^2 /NDF: 0.0/0

0.142 $\pm$ 0.038 χ^2 /NDF: 29.0/16

-0.009 $\pm$ 0.028 χ^2 /NDF: 86.7/36

-0.188 $\pm$ 0.042 χ^2 /NDF: 23.9/19

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.027 χ^2 /NDF: 25.2/15

Left Out: 0.057 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Right Out: 0.046 $\pm$ 0.029 χ^2 /NDF: 30.3/18

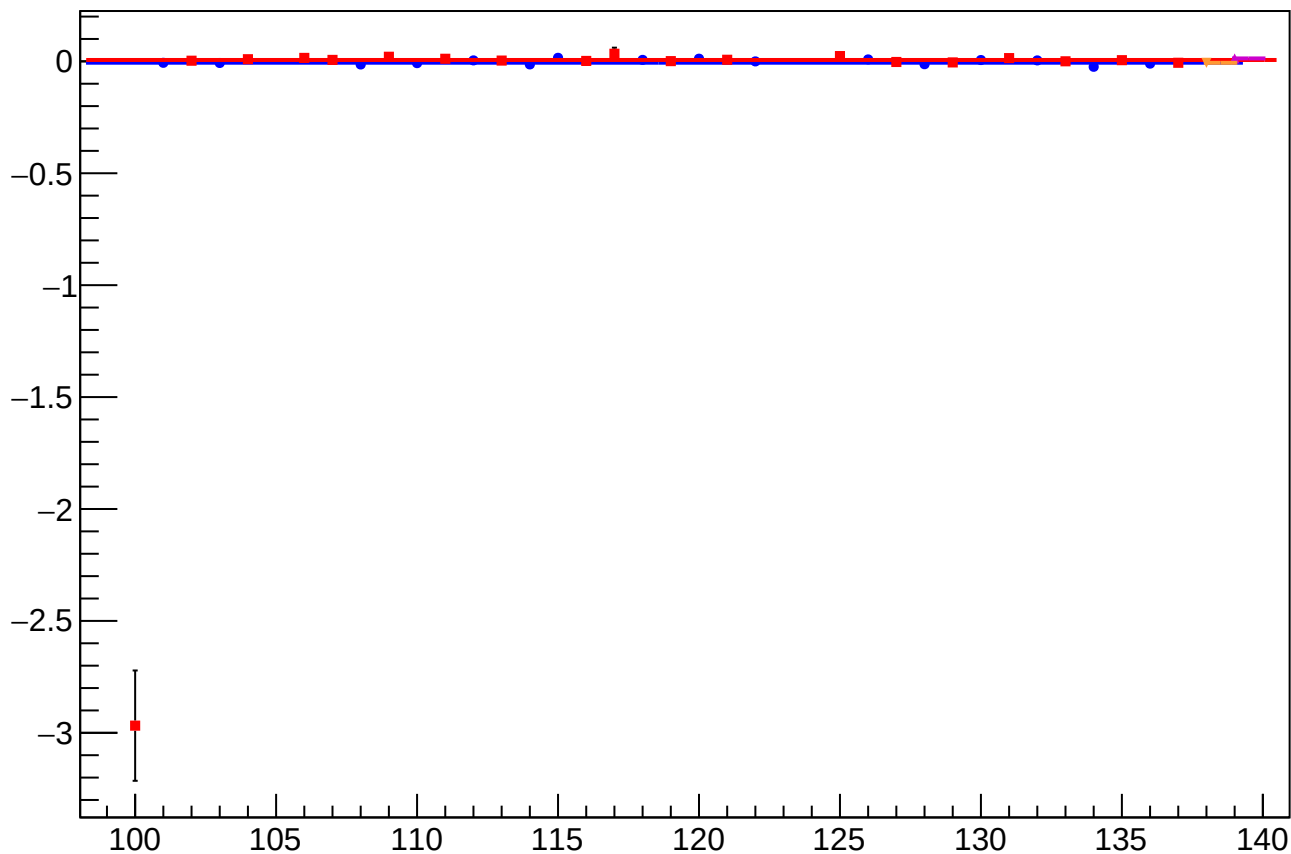
Left In: -0.122 $\pm$ 0.173 χ^2 /NDF: 0.0/0

-0.009 $\pm$ 0.026 χ^2 /NDF: 25.6/16

0.014 $\pm$ 0.019 χ^2 /NDF: 58.6/36

0.041 $\pm$ 0.028 χ^2 /NDF: 31.2/19

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 29.0/15

Left Out: -0.007 $\pm$ 0.003 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.001 χ^2 /NDF: 166.9/18

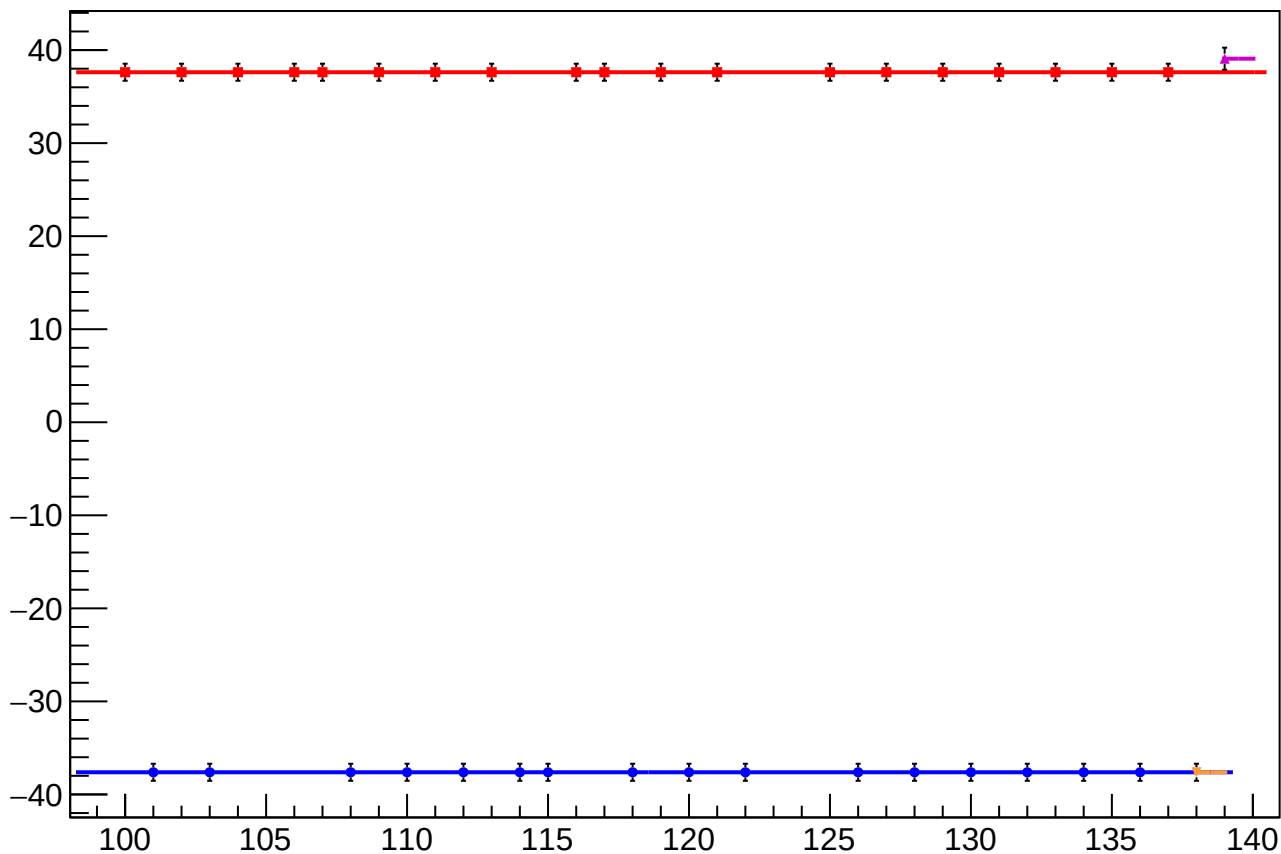
Left In: 0.013 $\pm$ 0.004 χ^2 /NDF: 0.0/0

-0.006 $\pm$ 0.001 χ^2 /NDF: 29.0/16

0.000 $\pm$ 0.001 χ^2 /NDF: 246.2/36

0.007 $\pm$ 0.001 χ^2 /NDF: 169.8/19

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.618±0.229 χ^2/NDF : 0.0/15

Left Out: -37.618±0.916 χ^2/NDF : 0.0/0

Right Out: 37.618±0.210 χ^2/NDF : 0.0/18

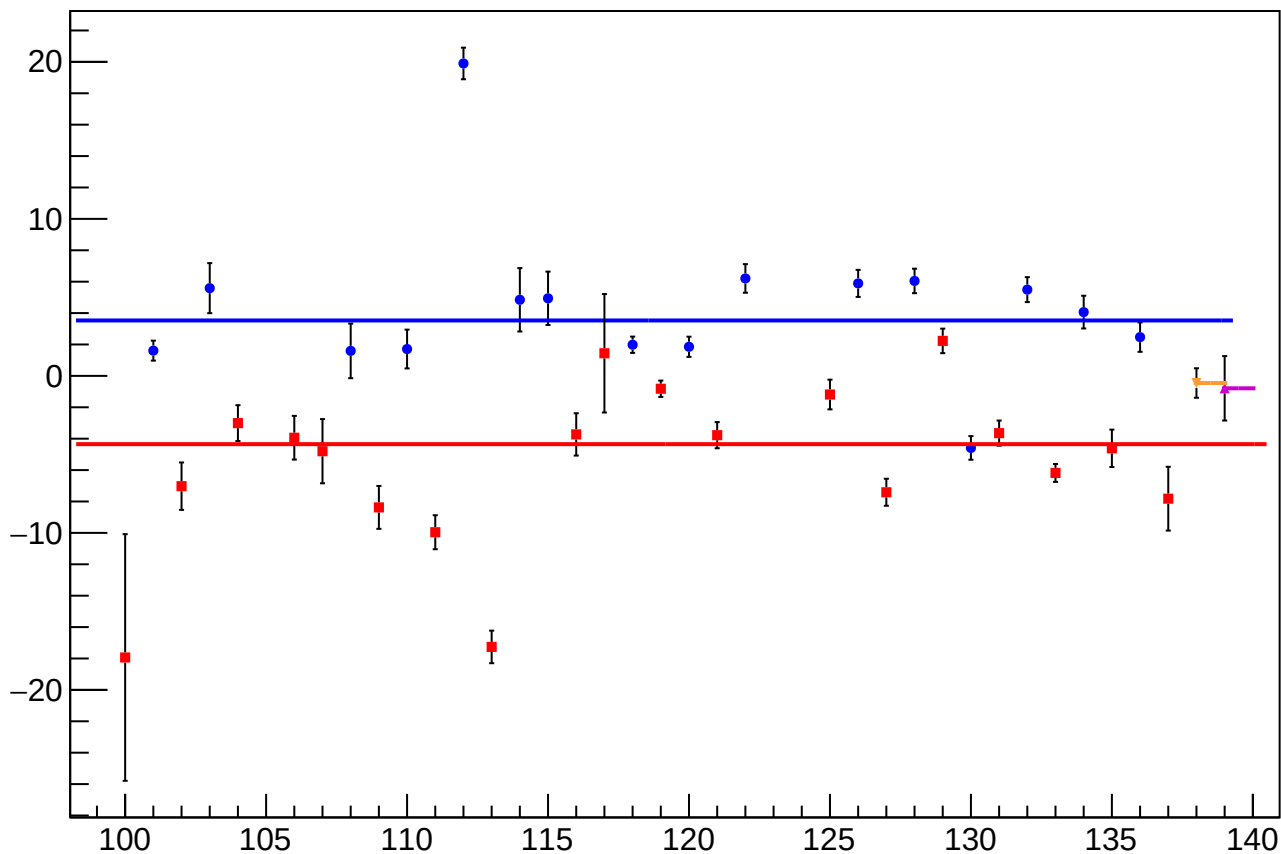
Left In: 39.075±1.183 χ^2/NDF : 0.0/0

-37.618±0.222 χ^2/NDF : 0.0/16

2.696±0.151 χ^2/NDF : 61437.4/36

37.663±0.207 χ^2/NDF : 1.5/19

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: -4.349 $\pm$ 0.225 χ^2 /NDF: 356.2/18

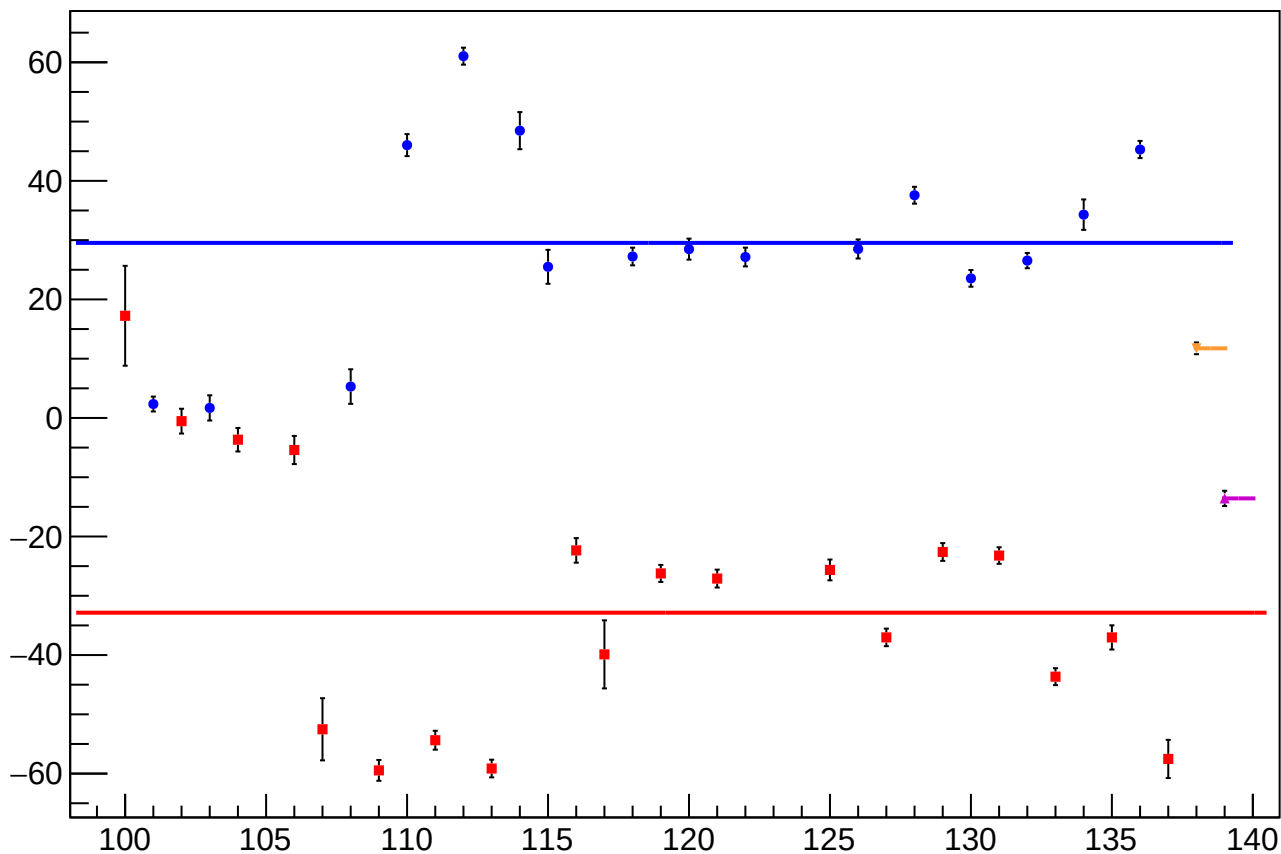
Left In: -0.792 $\pm$ 2.052 χ^2 /NDF: 0.0/0

3.327 $\pm$ 0.212 χ^2 /NDF: 463.7/16

-0.281 $\pm$ 0.154 χ^2 /NDF: 1437.2/36

-4.307 $\pm$ 0.224 χ^2 /NDF: 359.2/19

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535+/-0.417 χ^2/NDF : 1494.9/15

Left Out: 11.746+/-0.994 χ^2/NDF : 0.0/0

Right Out: -32.854+/-0.422 χ^2/NDF : 1660.8/18

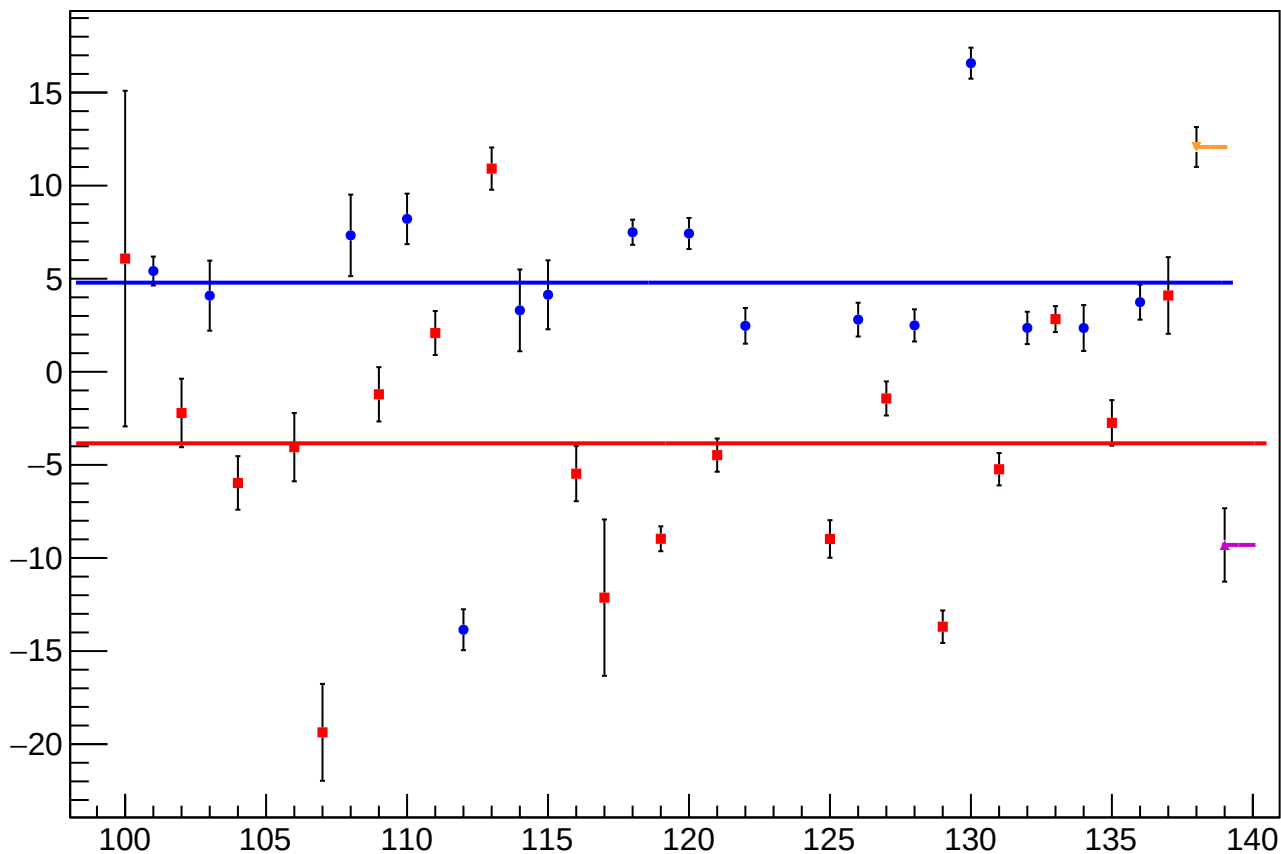
Left In: -13.571+/-1.290 χ^2/NDF : 0.0/0

26.874+/-0.384 χ^2/NDF : 1767.4/16

-0.843+/-0.277 χ^2/NDF : 14488.8/36

-30.993+/-0.401 χ^2/NDF : 1862.6/19

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 ± 0.251 $\chi^2/\text{NDF}: 553.9/15$

Left Out: 12.075 ± 1.070 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.840 ± 0.258 $\chi^2/\text{NDF}: 571.5/18$

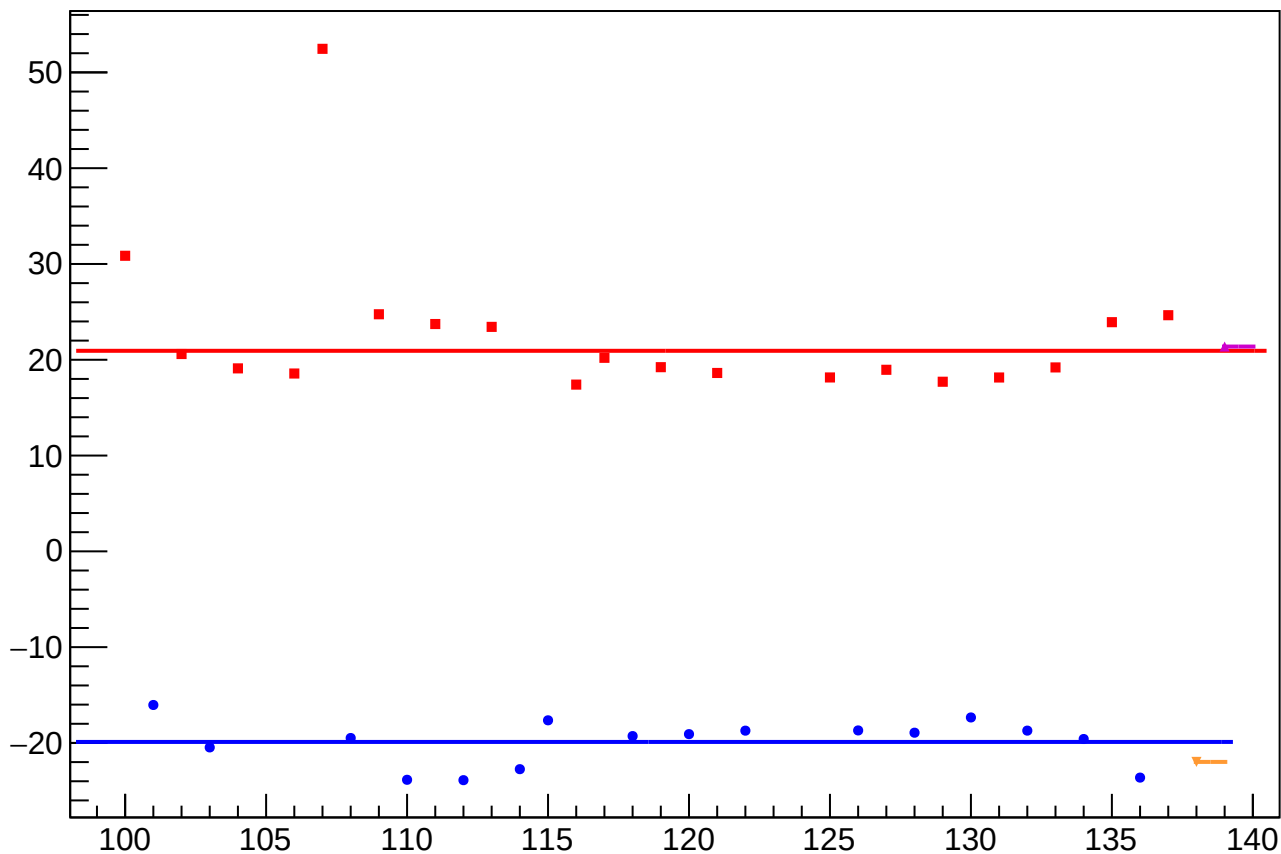
Left In: -9.299 ± 1.970 $\chi^2/\text{NDF}: 0.0/0$

5.169 ± 0.245 $\chi^2/\text{NDF}: 597.9/16$

0.829 ± 0.177 $\chi^2/\text{NDF}: 1837.2/36$

-3.933 ± 0.256 $\chi^2/\text{NDF}: 579.1/19$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895 ± 0.016 $\chi^2/\text{NDF}: 26073.6/15$

Left Out: -21.981 ± 0.039 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 20.936 ± 0.016 $\chi^2/\text{NDF}: 94073.0/18$

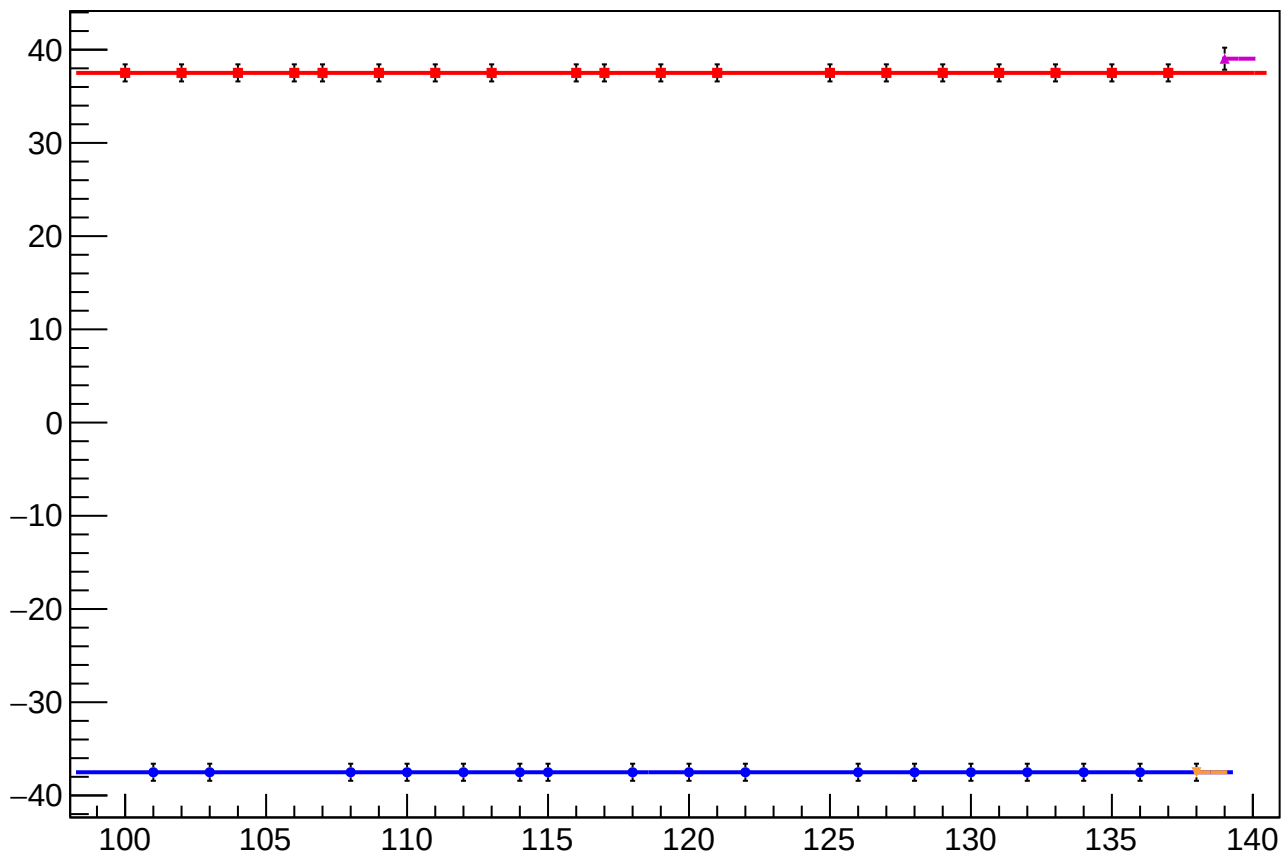
Left In: 21.379 ± 0.043 $\chi^2/\text{NDF}: 0.0/0$

-20.181 ± 0.014 $\chi^2/\text{NDF}: 28529.9/16$

0.013 ± 0.010 $\chi^2/\text{NDF}: 4096809.9/36$

20.987 ± 0.015 $\chi^2/\text{NDF}: 94165.7/19$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.512 $\pm$ 0.229 χ^2/NDF : 0.0/15

Left Out: -37.512 $\pm$ 0.916 χ^2/NDF : 0.0/0

Right Out: 37.512 $\pm$ 0.210 χ^2/NDF : 0.0/18

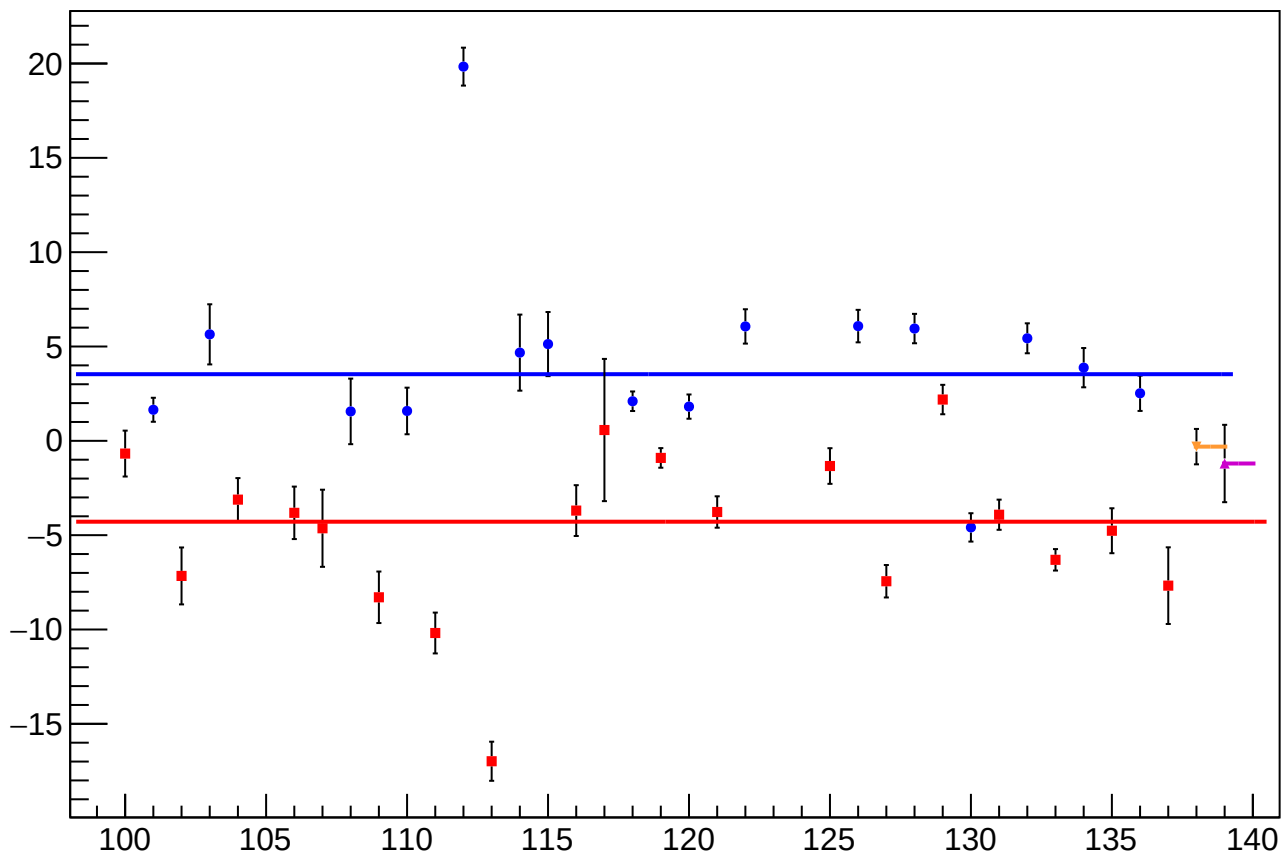
Left In: 39.034 $\pm$ 1.183 χ^2/NDF : 0.0/0

-37.512 $\pm$ 0.222 χ^2/NDF : 0.0/16

2.690 $\pm$ 0.151 χ^2/NDF : 61159.1/36

37.559 $\pm$ 0.207 χ^2/NDF : 1.6/19

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532 ± 0.217 χ^2/NDF : 443.2/15

Left Out: -0.307 ± 0.939 χ^2/NDF : 0.0/0

Right Out: -4.286 ± 0.221 χ^2/NDF : 354.5/18

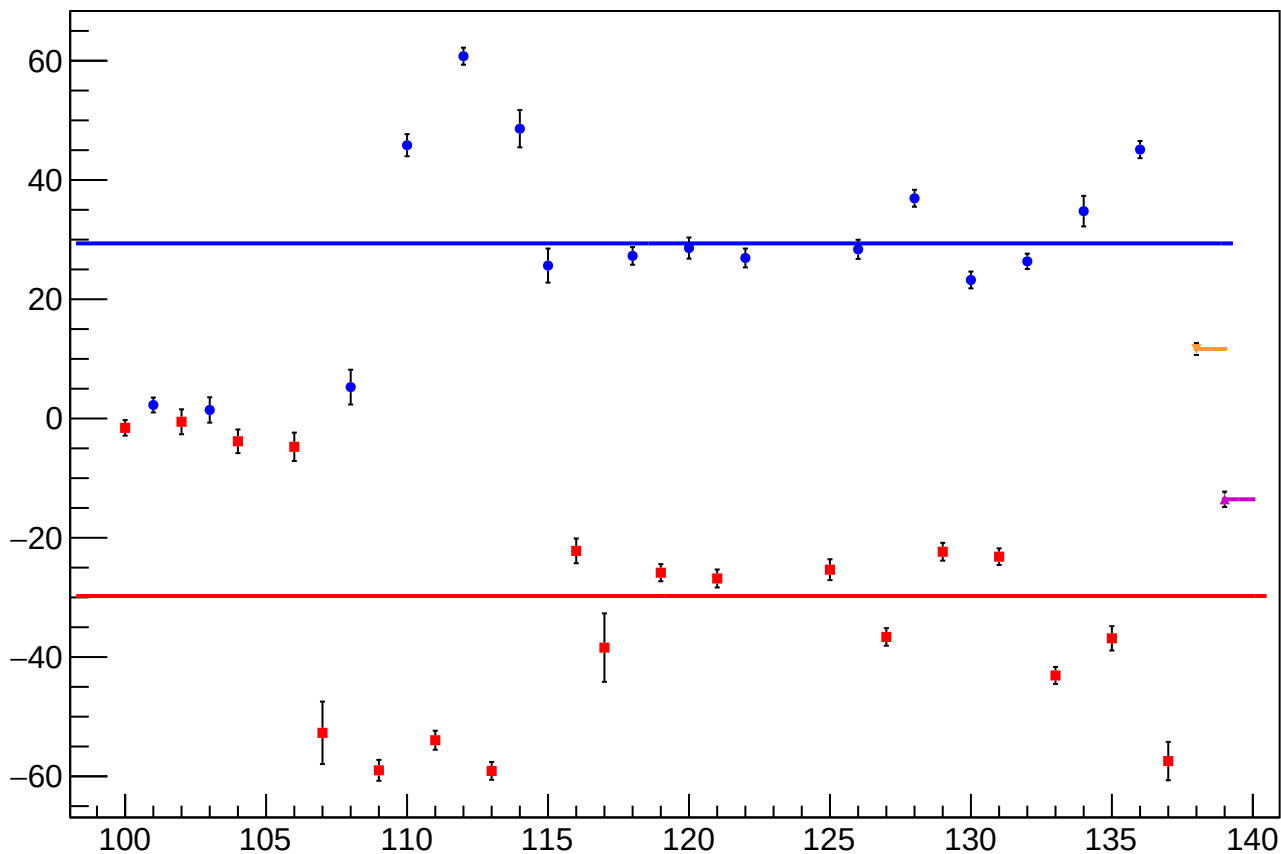
Left In: -1.202 ± 2.050 χ^2/NDF : 0.0/0

3.337 ± 0.212 χ^2/NDF : 459.1/16

-0.311 ± 0.152 χ^2/NDF : 1434.1/36

-4.251 ± 0.220 χ^2/NDF : 356.7/19

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: -29.761+/-0.401 χ^2/NDF : 2131.8/18

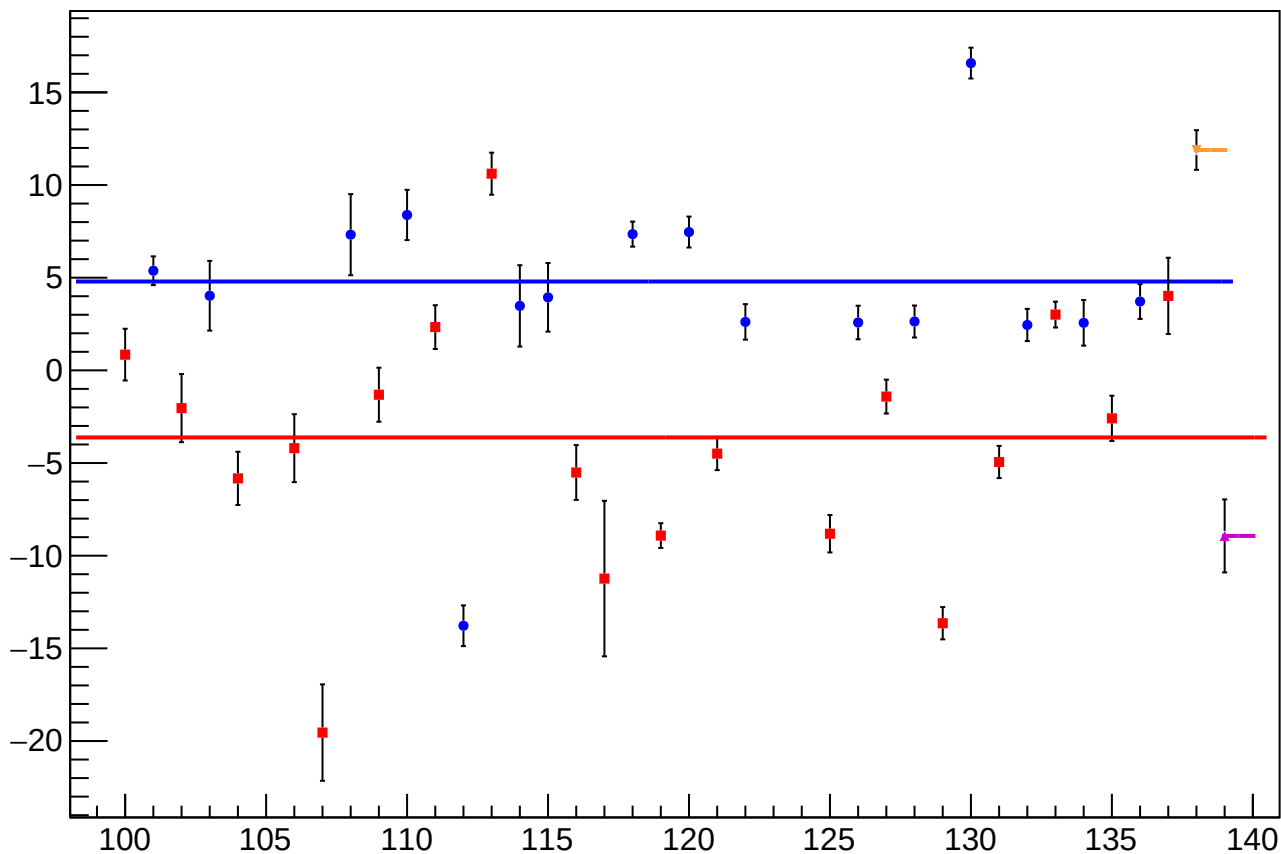
Left In: -13.546+/-1.290 χ^2/NDF : 0.0/0

26.718+/-0.384 χ^2/NDF : 1759.1/16

-0.859+/-0.271 χ^2/NDF : 14326.1/36

-28.328+/-0.383 χ^2/NDF : 2276.0/19

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 ± 0.251 χ^2/NDF : 550.0/15

Left Out: 11.890 ± 1.070 χ^2/NDF : 0.0/0

Right Out: -3.619 ± 0.254 χ^2/NDF : 576.6/18

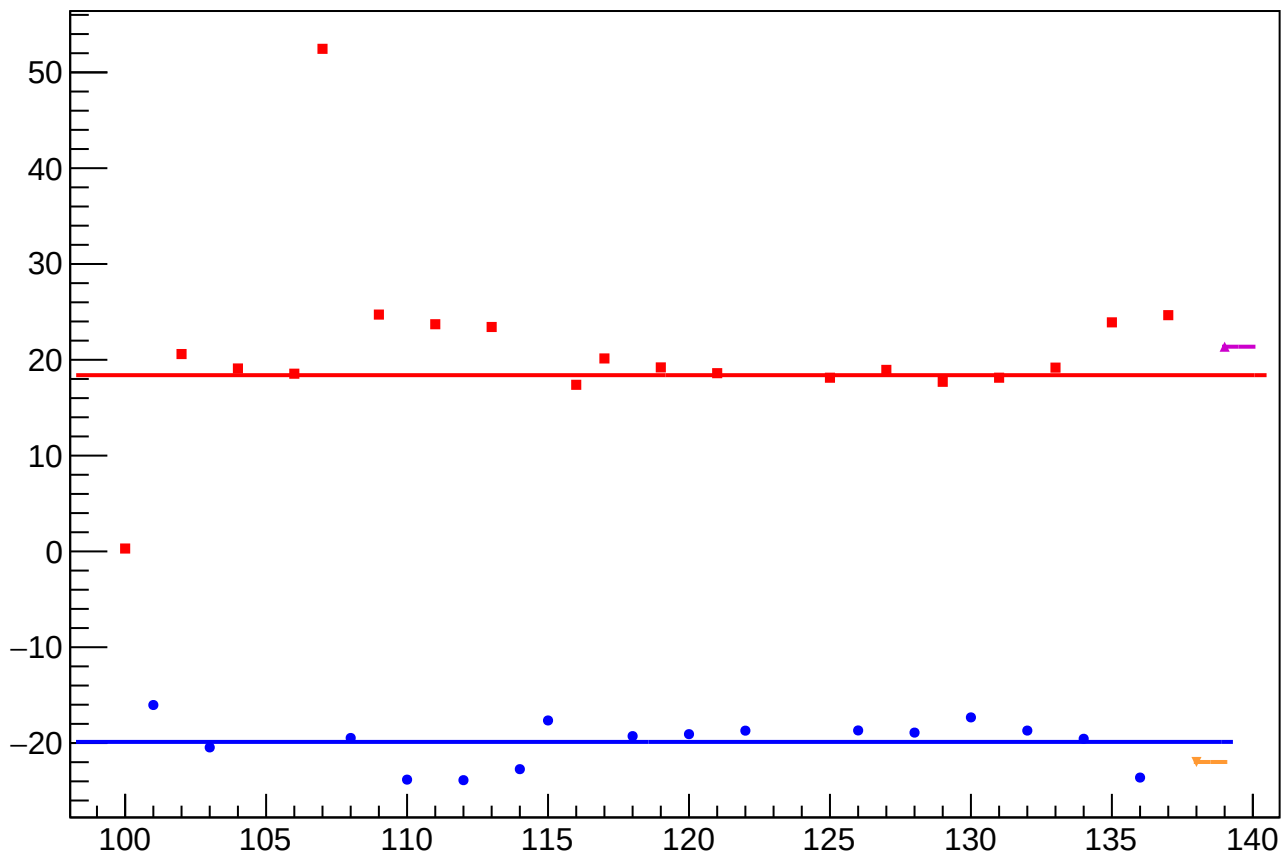
Left In: -8.933 ± 1.969 χ^2/NDF : 0.0/0

5.164 ± 0.244 χ^2/NDF : 591.7/16

0.863 ± 0.175 χ^2/NDF : 1814.2/36

-3.706 ± 0.252 χ^2/NDF : 583.8/19

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883 ± 0.016 χ^2/NDF : 26063.5/15

Left Out: -21.979 ± 0.039 χ^2/NDF : 0.0/0

Right Out: 18.395 ± 0.015 χ^2/NDF : 301292.0/18

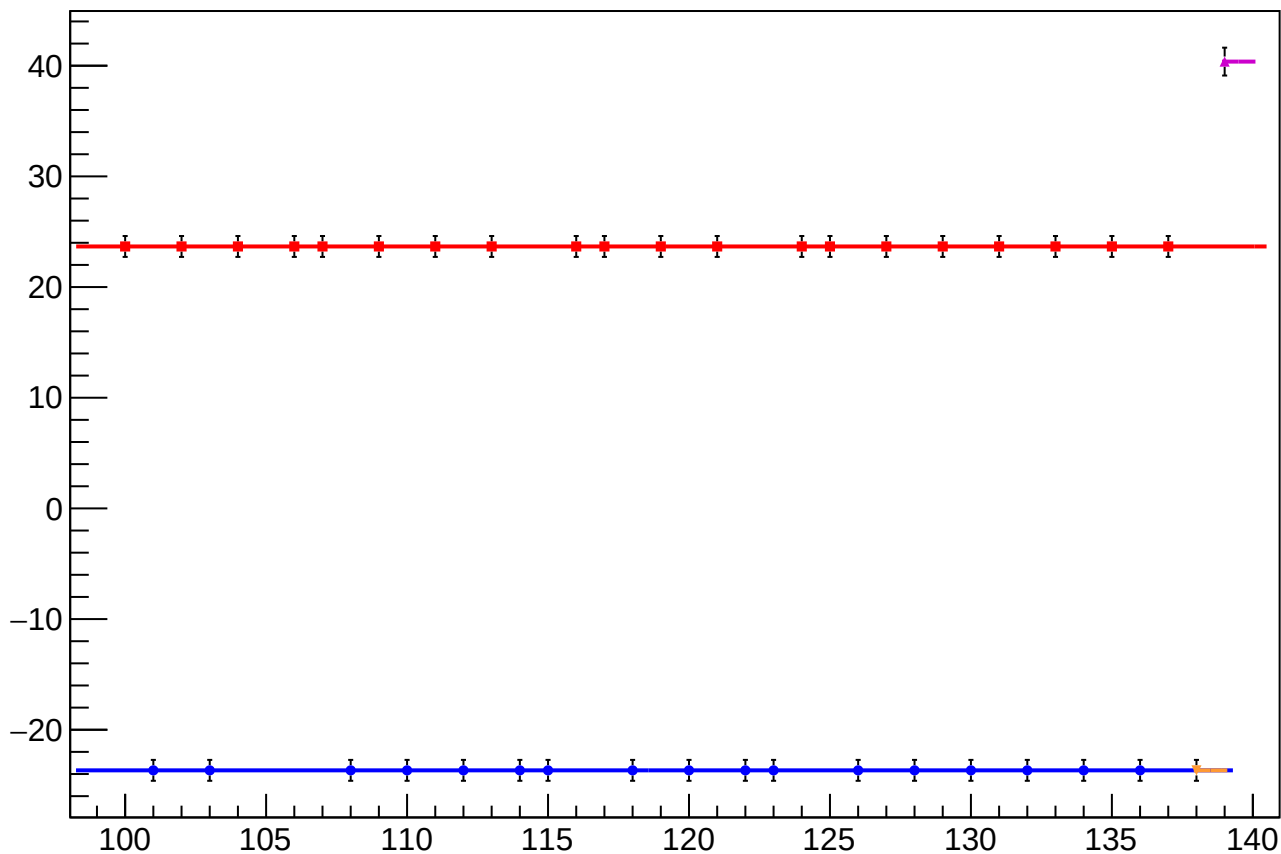
Left In: 21.367 ± 0.043 χ^2/NDF : 0.0/0

-20.170 ± 0.014 χ^2/NDF : 28547.2/16

-0.013 ± 0.010 χ^2/NDF : 4084756.8/36

18.705 ± 0.014 χ^2/NDF : 305536.9/19

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.668 $\pm$ 0.229 χ^2/NDF : 0.0/16

Left Out: -23.668 $\pm$ 0.944 χ^2/NDF : 0.0/0

Right Out: 23.668 $\pm$ 0.211 χ^2/NDF : 0.0/19

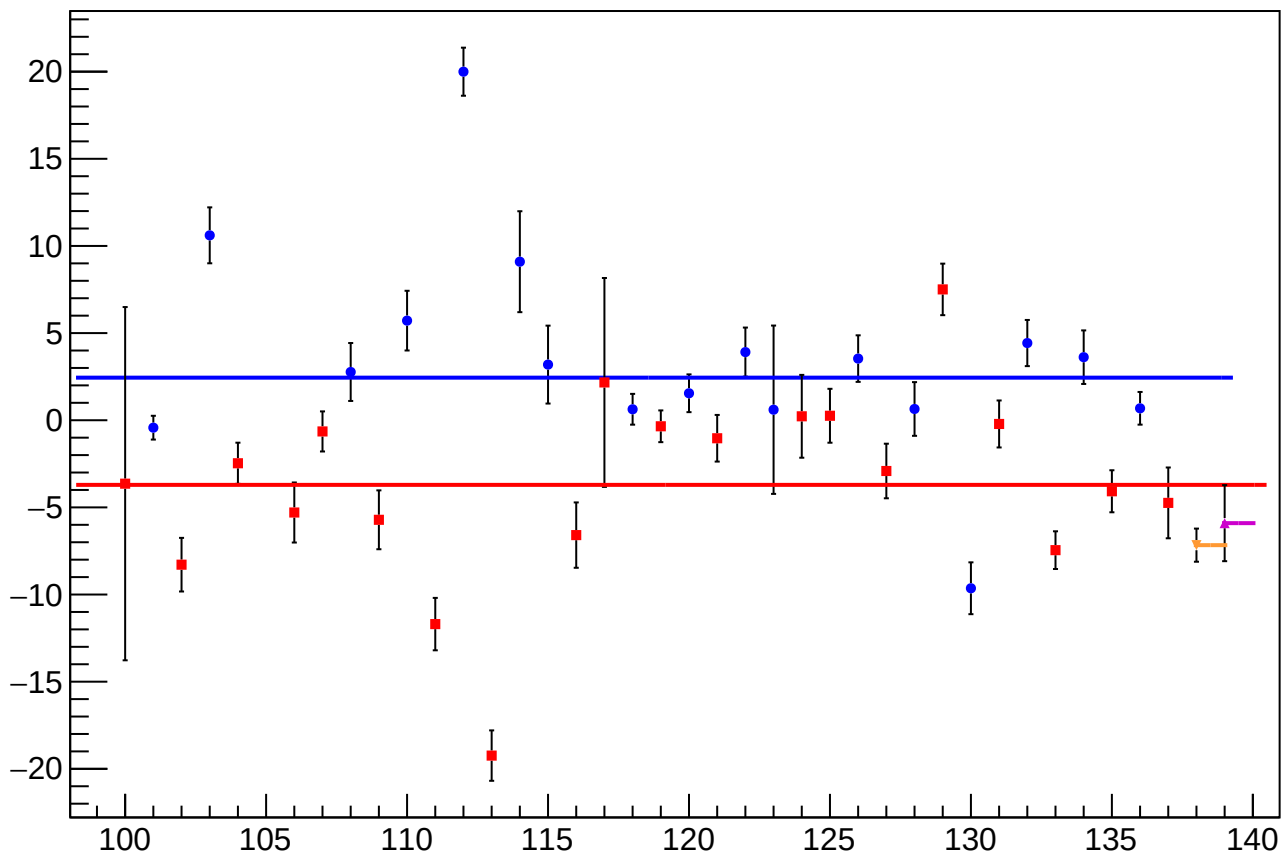
Left In: 40.371 $\pm$ 1.259 χ^2/NDF : 0.0/0

-23.668 $\pm$ 0.223 χ^2/NDF : 0.0/17

1.817 $\pm$ 0.152 χ^2/NDF : 24754.7/38

24.125 $\pm$ 0.208 χ^2/NDF : 171.3/20

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: -3.708 ± 0.326 χ^2/NDF : 270.1/19

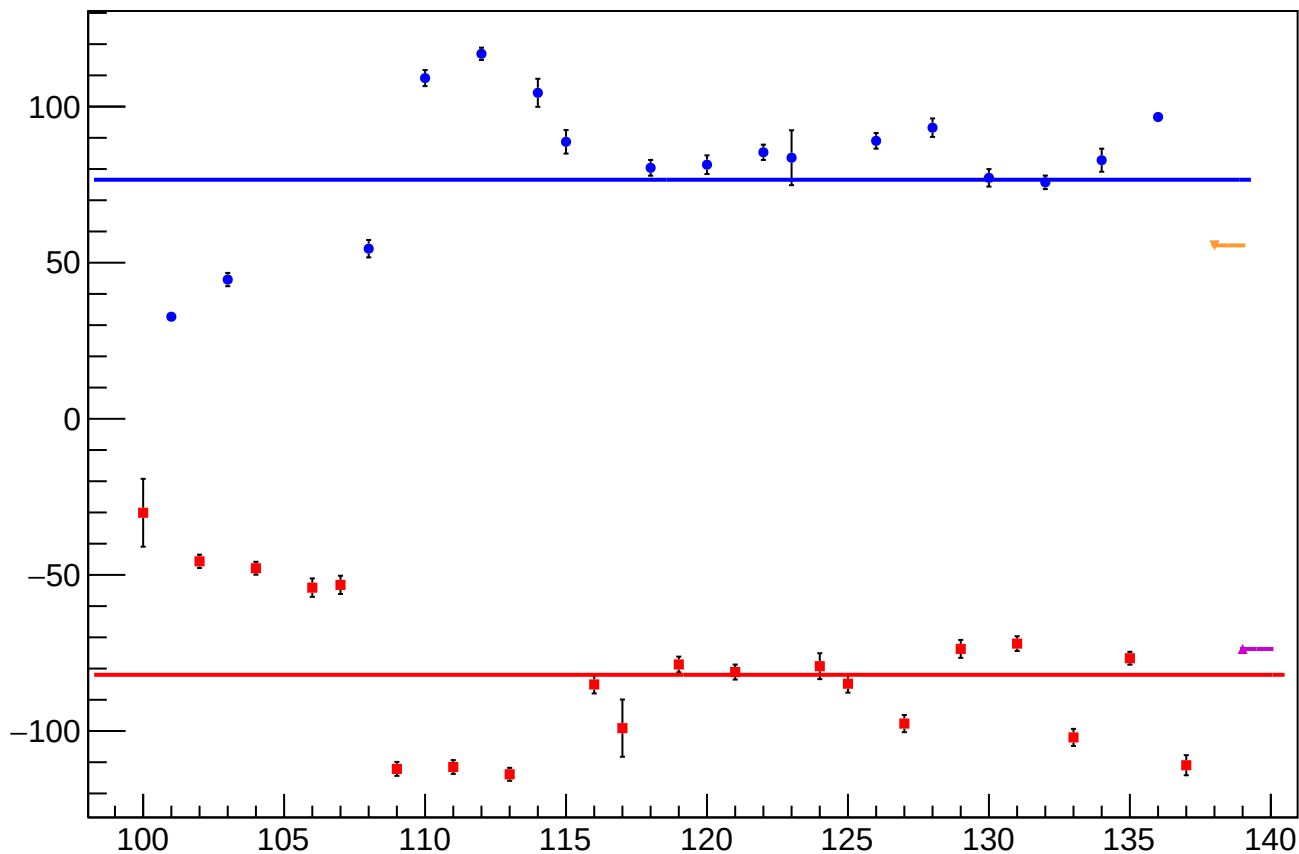
Left In: -5.904 ± 2.182 χ^2/NDF : 0.0/0

1.514 ± 0.296 χ^2/NDF : 387.7/17

-0.891 ± 0.218 χ^2/NDF : 803.7/38

-3.756 ± 0.323 χ^2/NDF : 271.1/20

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: -81.994 $\pm$ 0.591 χ^2 /NDF: 1574.1/19

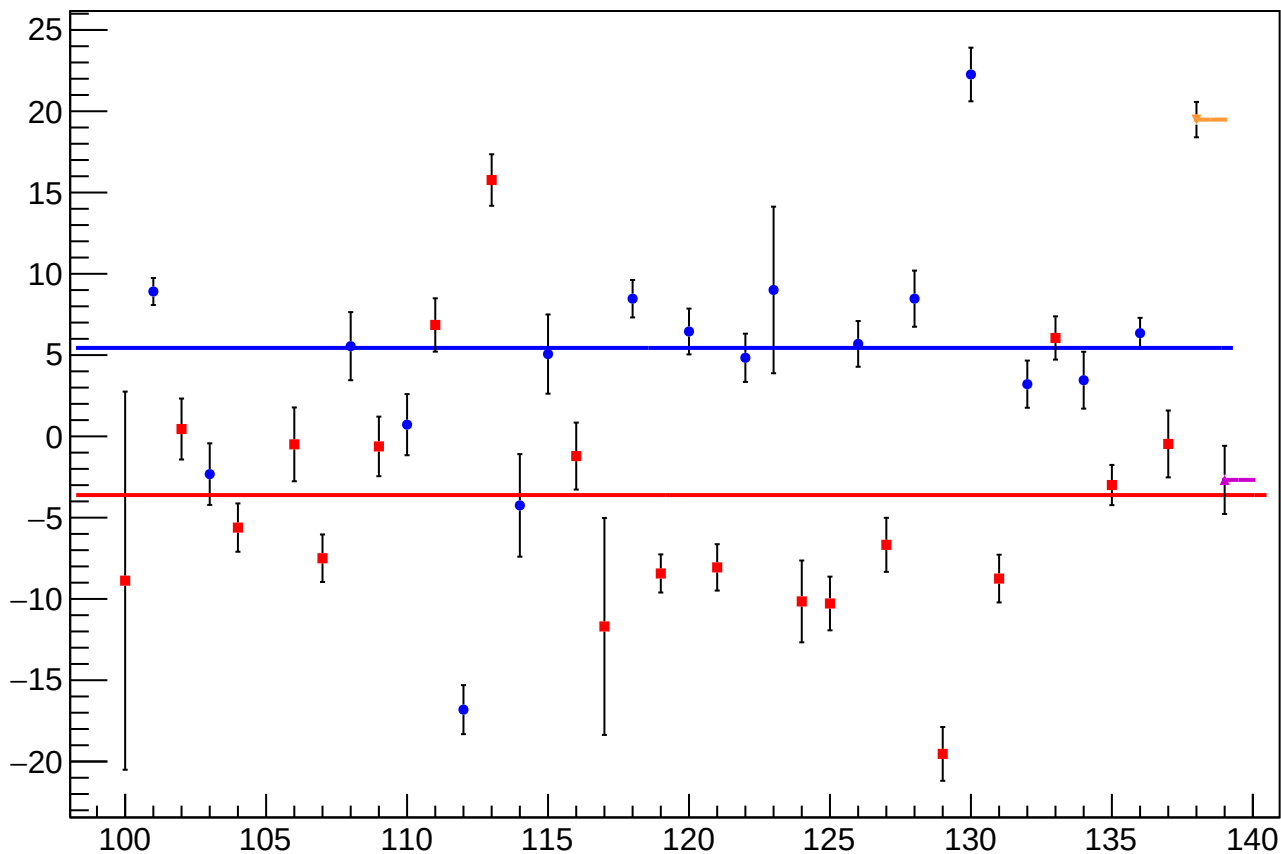
Left In: -73.723 $\pm$ 1.373 χ^2 /NDF: 0.0/0

71.552 $\pm$ 0.500 χ^2 /NDF: 2574.8/17

1.598 $\pm$ 0.368 χ^2 /NDF: 46745.3/38

-80.701 $\pm$ 0.543 χ^2 /NDF: 1604.7/20

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: -3.611 $\pm$ 0.375 χ^2 /NDF: 424.7/19

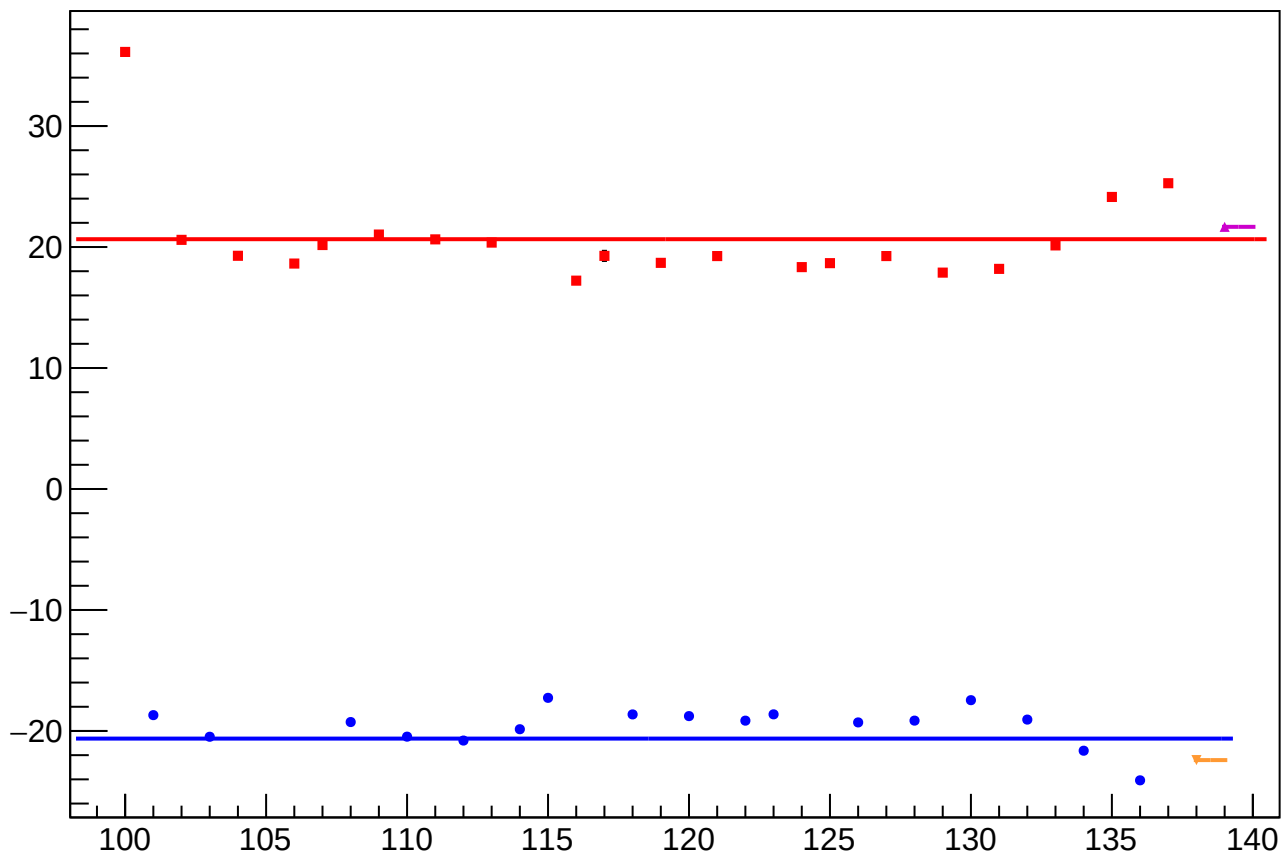
Left In: -2.677 $\pm$ 2.096 χ^2 /NDF: 0.0/0

6.809 $\pm$ 0.339 χ^2 /NDF: 537.9/17

2.044 $\pm$ 0.250 χ^2 /NDF: 1392.5/38

-3.582 $\pm$ 0.369 χ^2 /NDF: 424.9/20

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630 ± 0.019 χ^2/NDF : 12490.5/16

Left Out: -22.408 ± 0.040 χ^2/NDF : 0.0/0

Right Out: 20.647 ± 0.019 χ^2/NDF : 13896.5/19

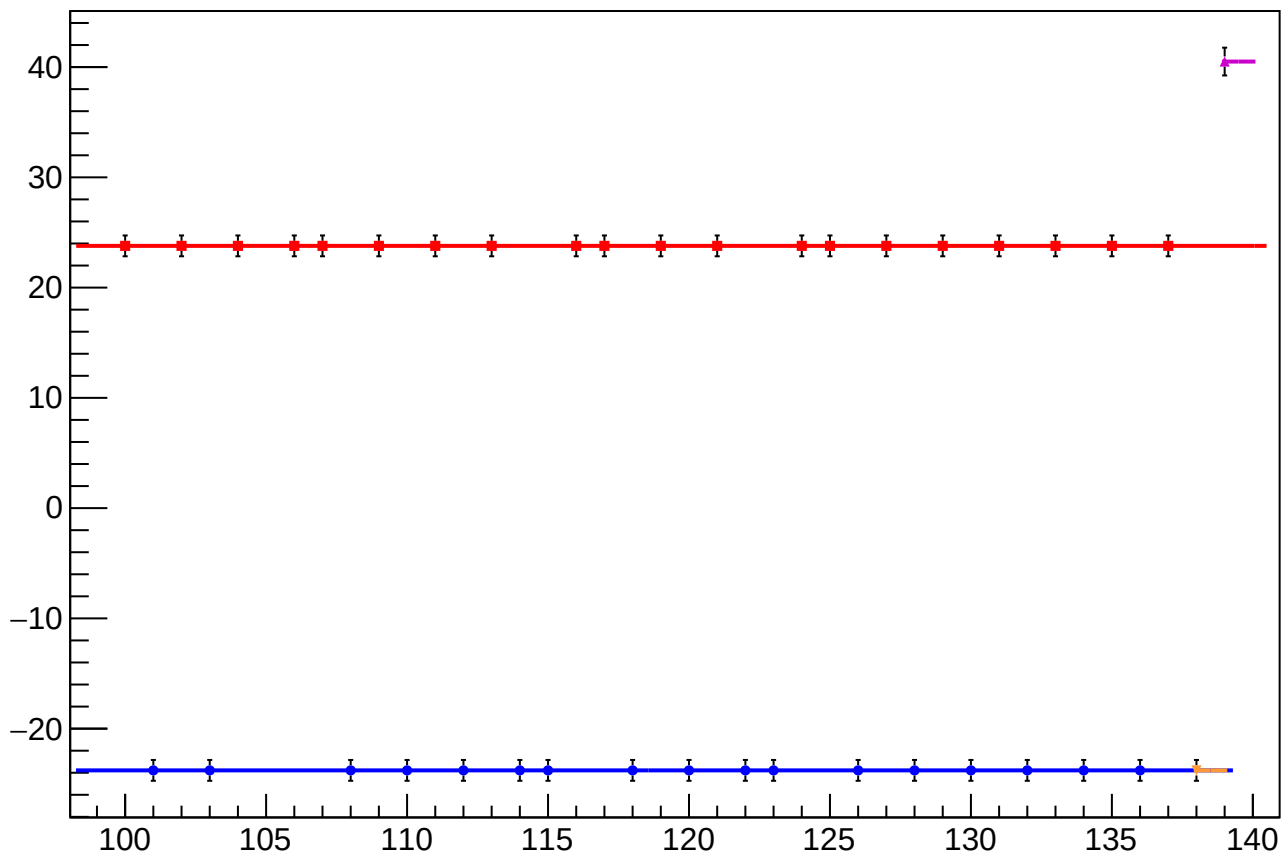
Left In: 21.669 ± 0.046 χ^2/NDF : 0.0/0

-20.959 ± 0.017 χ^2/NDF : 14063.6/17

-0.642 ± 0.012 χ^2/NDF : 2829885.1/38

20.802 ± 0.018 χ^2/NDF : 14317.0/20

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.785 ± 0.229 χ^2/NDF : 0.0/16

Left Out: -23.785 ± 0.945 χ^2/NDF : 0.0/0

Right Out: 23.785 ± 0.211 χ^2/NDF : 0.0/19

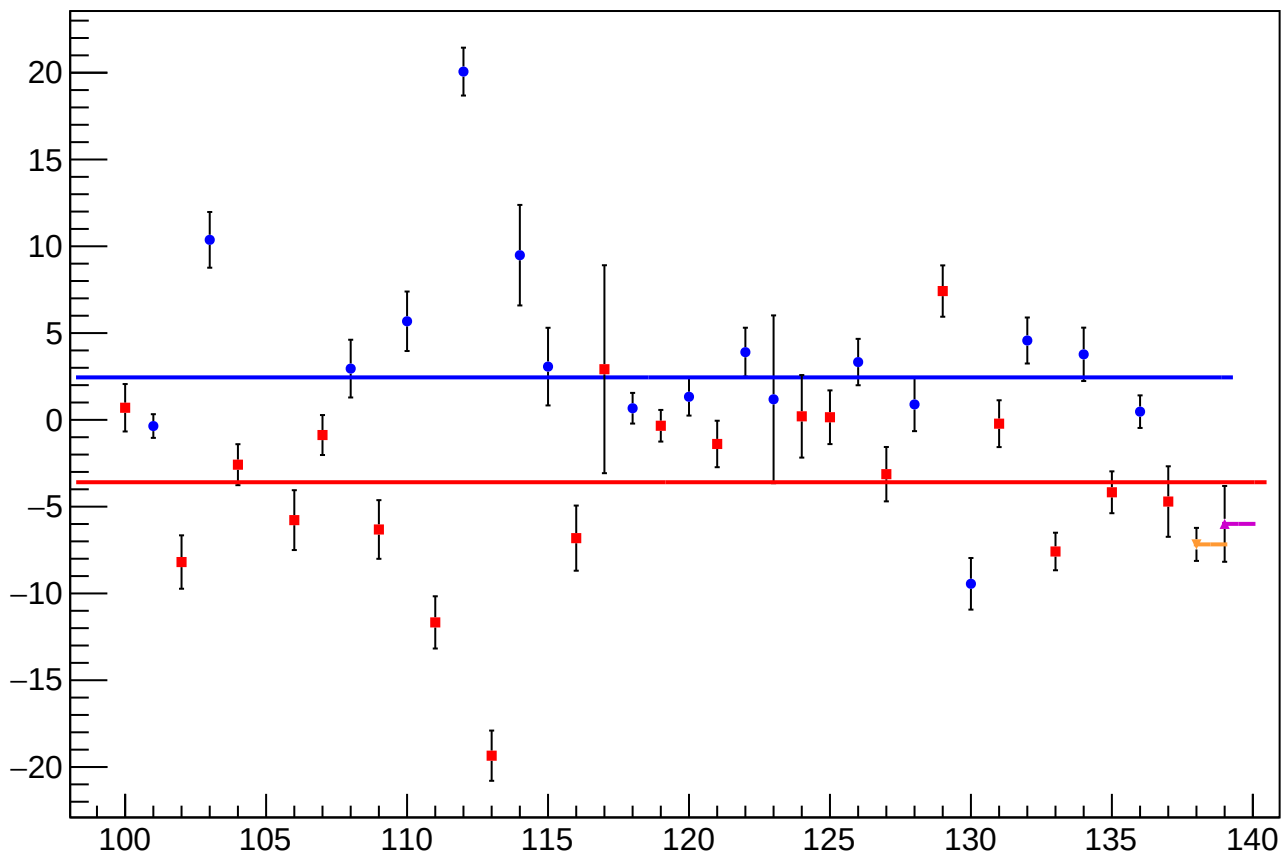
Left In: 40.501 ± 1.260 χ^2/NDF : 0.0/0

-23.785 ± 0.223 χ^2/NDF : 0.0/17

1.825 ± 0.152 χ^2/NDF : 24960.3/38

24.243 ± 0.208 χ^2/NDF : 171.3/20

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: -7.174 ± 0.951 χ^2/NDF : 0.0/0

Right Out: -3.593 ± 0.318 χ^2/NDF : 280.6/19

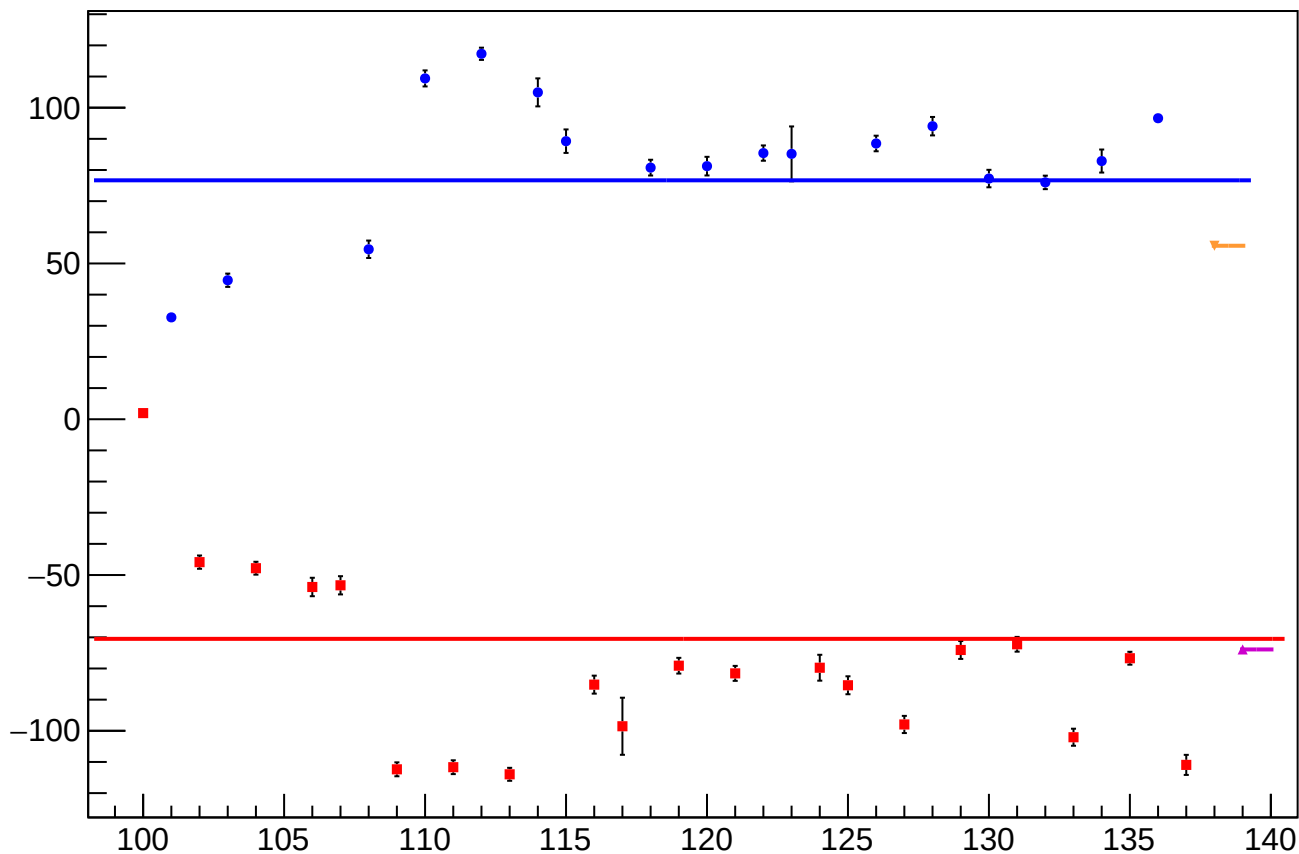
Left In: -5.992 ± 2.184 χ^2/NDF : 0.0/0

1.517 ± 0.296 χ^2/NDF : 385.8/17

-0.905 ± 0.215 χ^2/NDF : 810.4/38

-3.642 ± 0.314 χ^2/NDF : 281.8/20

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687+/-0.574 χ^2/NDF : 2265.1/16

Left Out: 55.686+/-1.025 χ^2/NDF : 0.0/0

Right Out: -70.487+/-0.549 χ^2/NDF : 4400.5/19

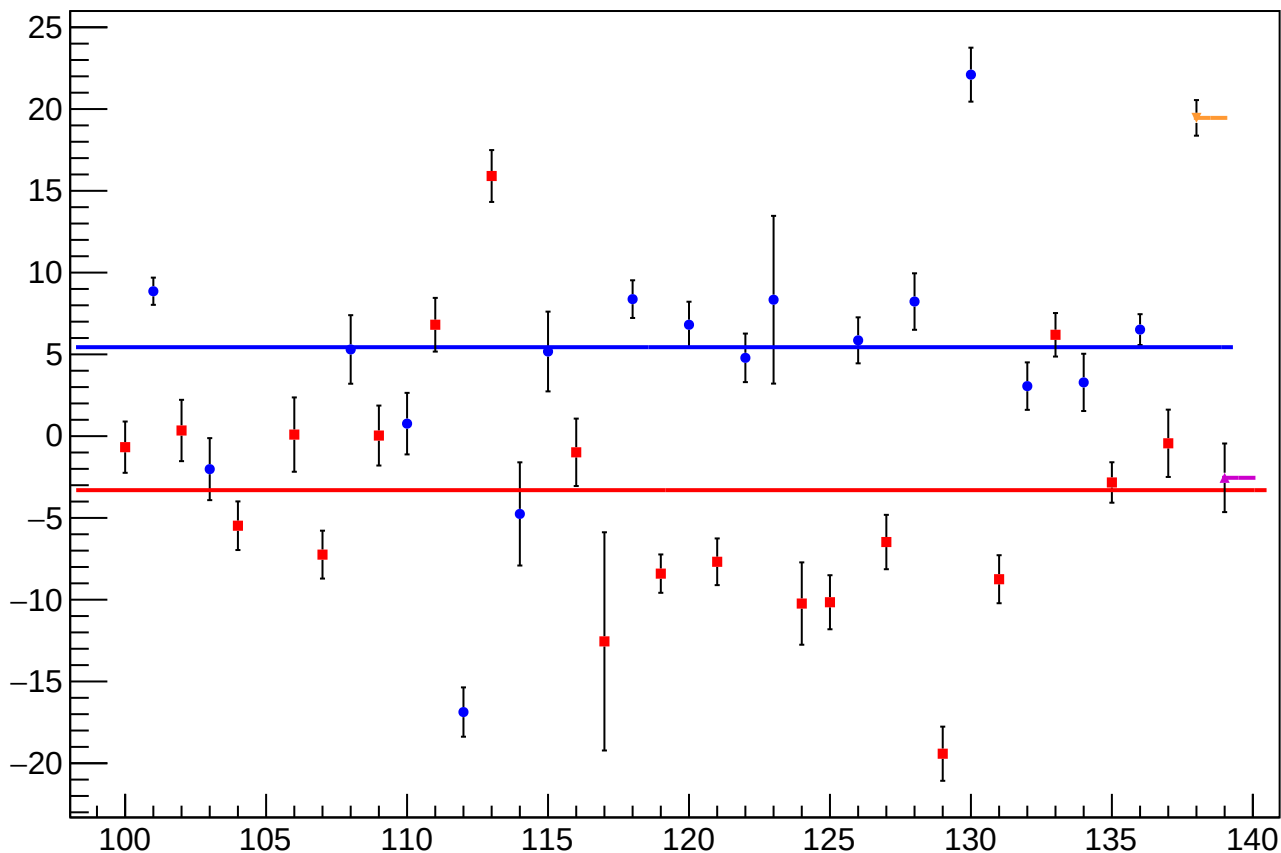
Left In: -73.885+/-1.374 χ^2/NDF : 0.0/0

71.675+/-0.501 χ^2/NDF : 2584.9/17

1.642+/-0.357 χ^2/NDF : 46863.7/38

-70.954+/-0.510 χ^2/NDF : 4405.8/20

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439+/-0.357 χ^2/NDF : 385.9/16

Left Out: 19.460+/-1.089 χ^2/NDF : 0.0/0

Right Out: -3.303+/-0.365 χ^2/NDF : 427.7/19

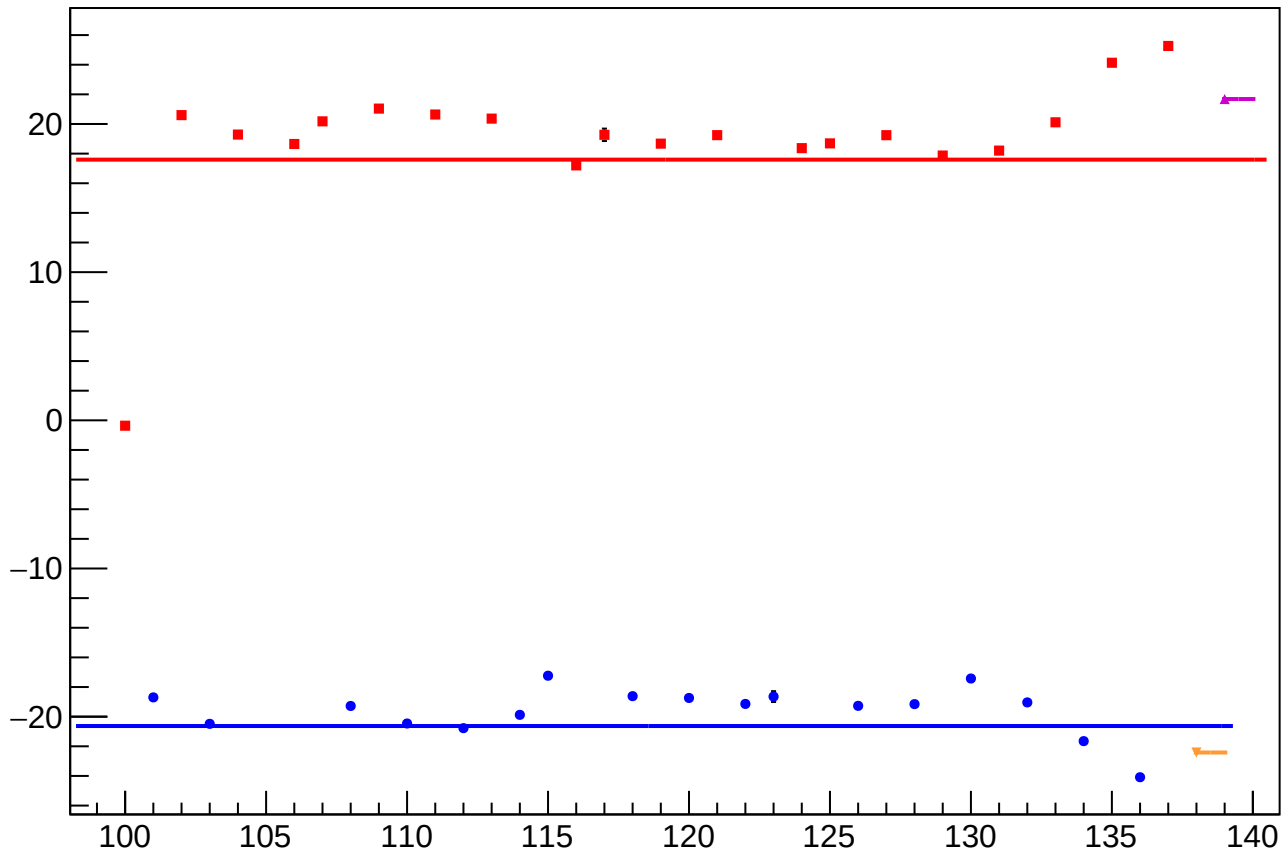
Left In: -2.547+/-2.097 χ^2/NDF : 0.0/0

6.804+/-0.340 χ^2/NDF : 535.7/17

2.047+/-0.247 χ^2/NDF : 1379.4/38

-3.280+/-0.359 χ^2/NDF : 427.8/20

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: 17.594 ± 0.018 χ^2/NDF : 178696.7/19

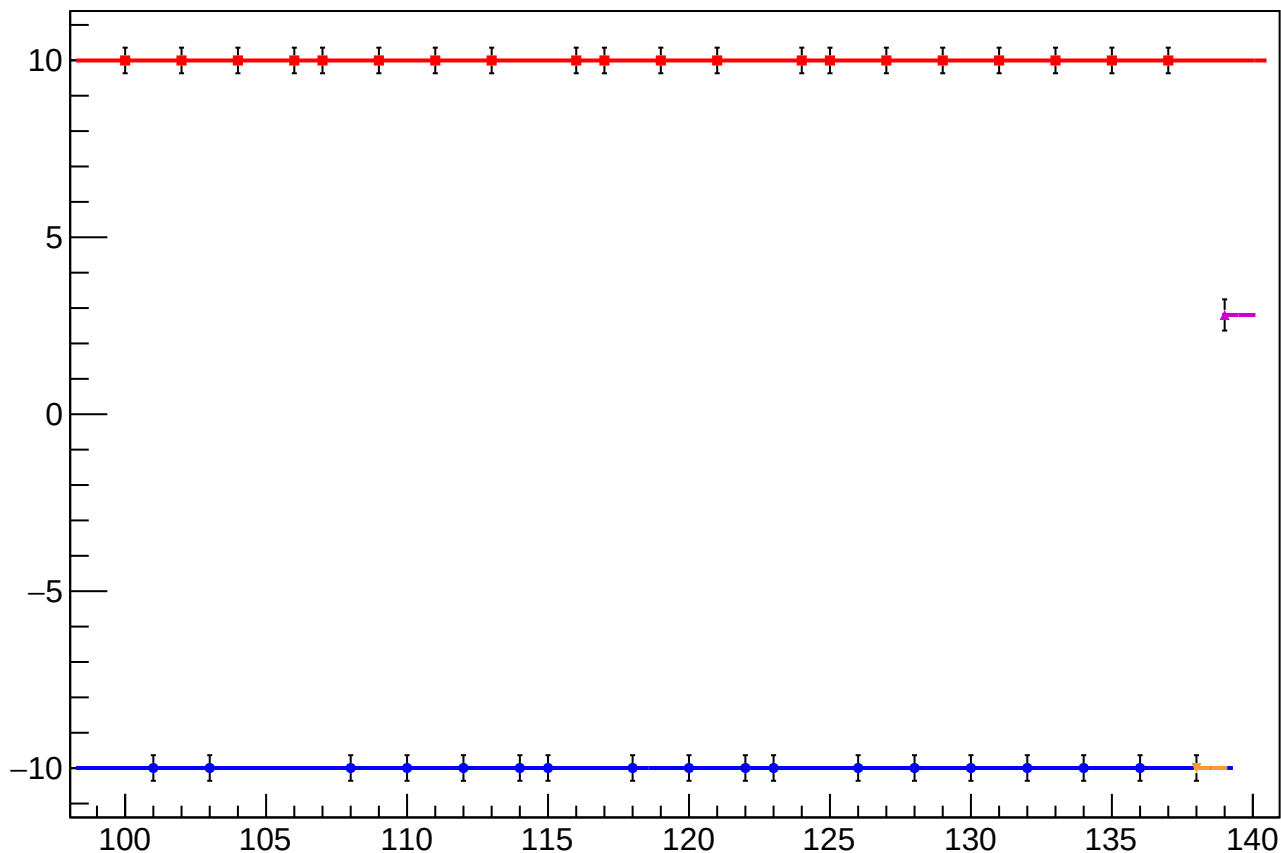
Left In: 21.684 ± 0.046 χ^2/NDF : 0.0/0

-20.962 ± 0.017 χ^2/NDF : 14118.8/17

-0.665 ± 0.012 χ^2/NDF : 2816926.2/38

18.137 ± 0.017 χ^2/NDF : 185561.0/20

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -9.995 $\pm$ 0.088 χ^2 /NDF: 0.0/16

Left Out: -9.995 $\pm$ 0.362 χ^2 /NDF: 0.0/0

Right Out: 9.995 $\pm$ 0.081 χ^2 /NDF: 0.0/19

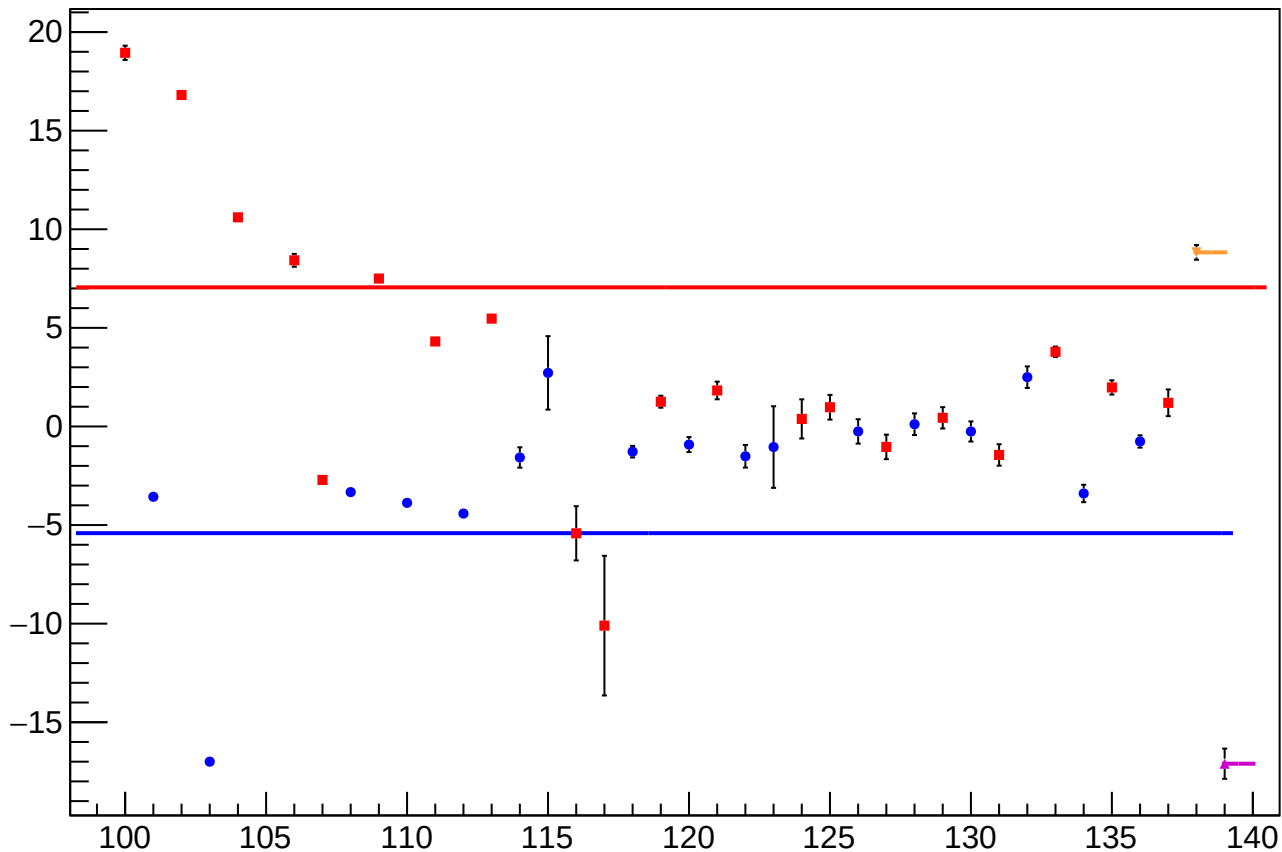
Left In: 2.805 $\pm$ 0.442 χ^2 /NDF: 0.0/0

-9.995 $\pm$ 0.085 χ^2 /NDF: 0.0/17

0.566 $\pm$ 0.058 χ^2 /NDF: 28956.6/38

9.762 $\pm$ 0.080 χ^2 /NDF: 256.6/20

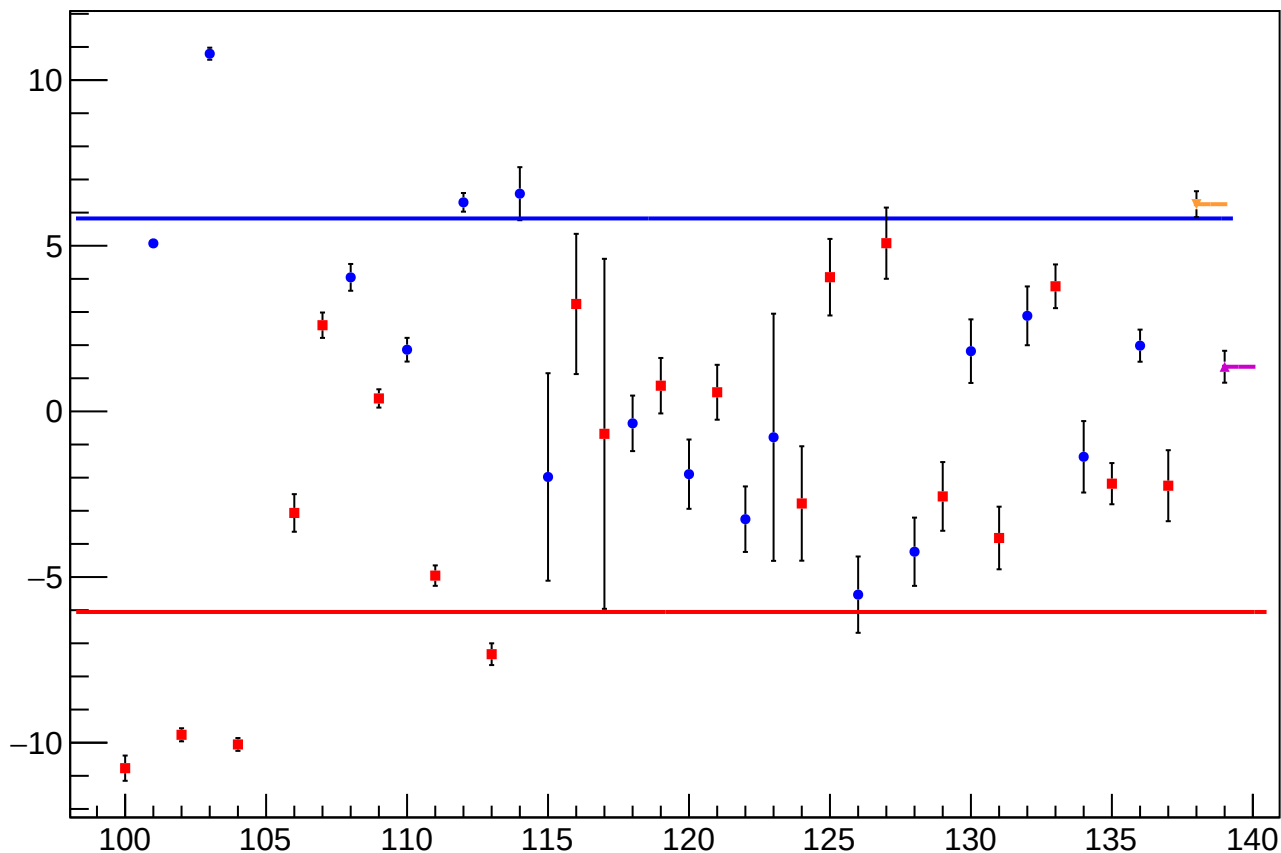
reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 7.056 ± 0.059 χ^2/NDF : 12352.9/19
 Left In: -17.103 ± 0.765 χ^2/NDF : 0.0/0

-5.113 ± 0.054 χ^2/NDF : 10677.9/17
 0.401 ± 0.040 χ^2/NDF : 46625.1/38
 6.913 ± 0.059 χ^2/NDF : 13343.0/20

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824 ± 0.090 χ^2/NDF : 1452.6/16

Left Out: 6.254 ± 0.392 χ^2/NDF : 0.0/0

Right Out: -6.054 ± 0.093 χ^2/NDF : 2669.9/19

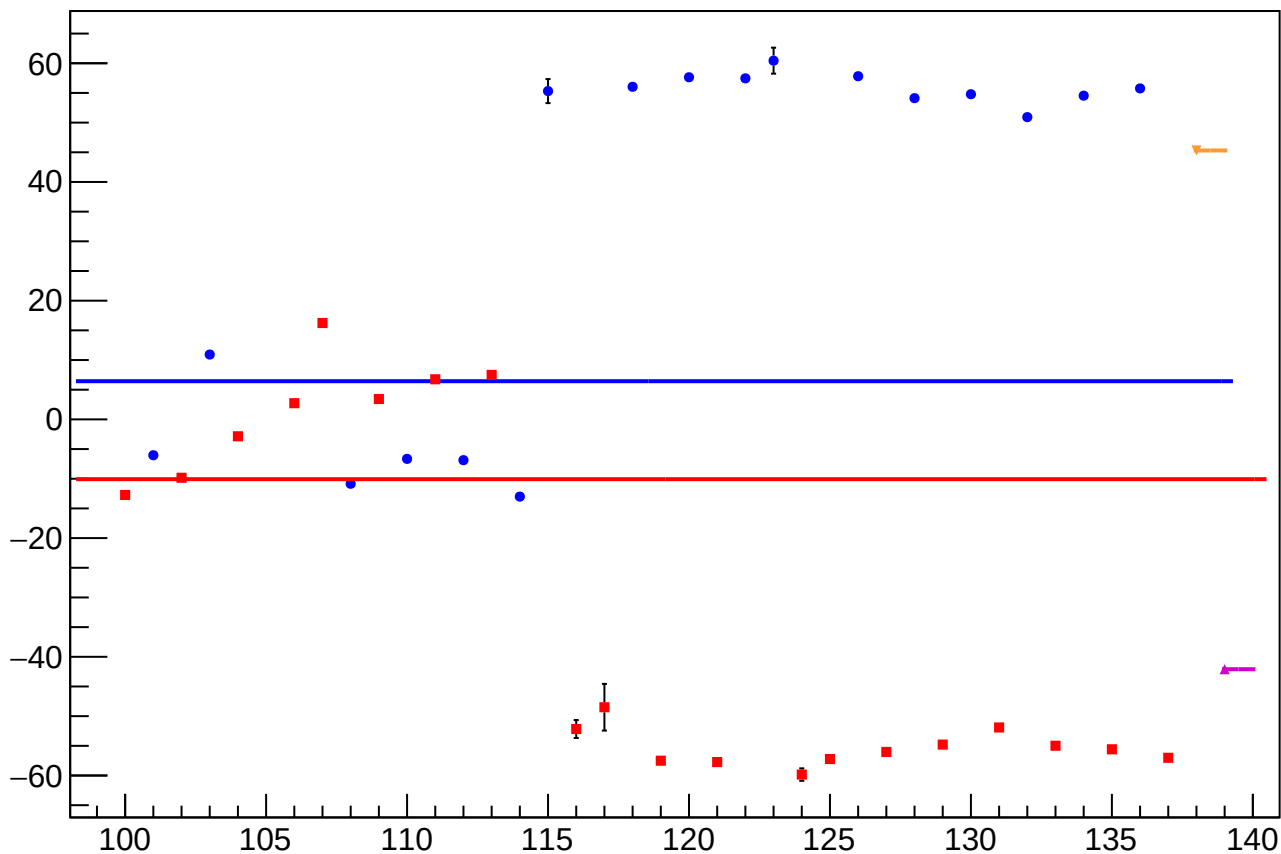
Left In: 1.348 ± 0.481 χ^2/NDF : 0.0/0

5.845 ± 0.087 χ^2/NDF : 1453.7/17

0.306 ± 0.063 χ^2/NDF : 12798.2/38

-5.786 ± 0.092 χ^2/NDF : 2897.8/20

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: -10.072 ± 0.070 χ^2/NDF : 121911.4/19

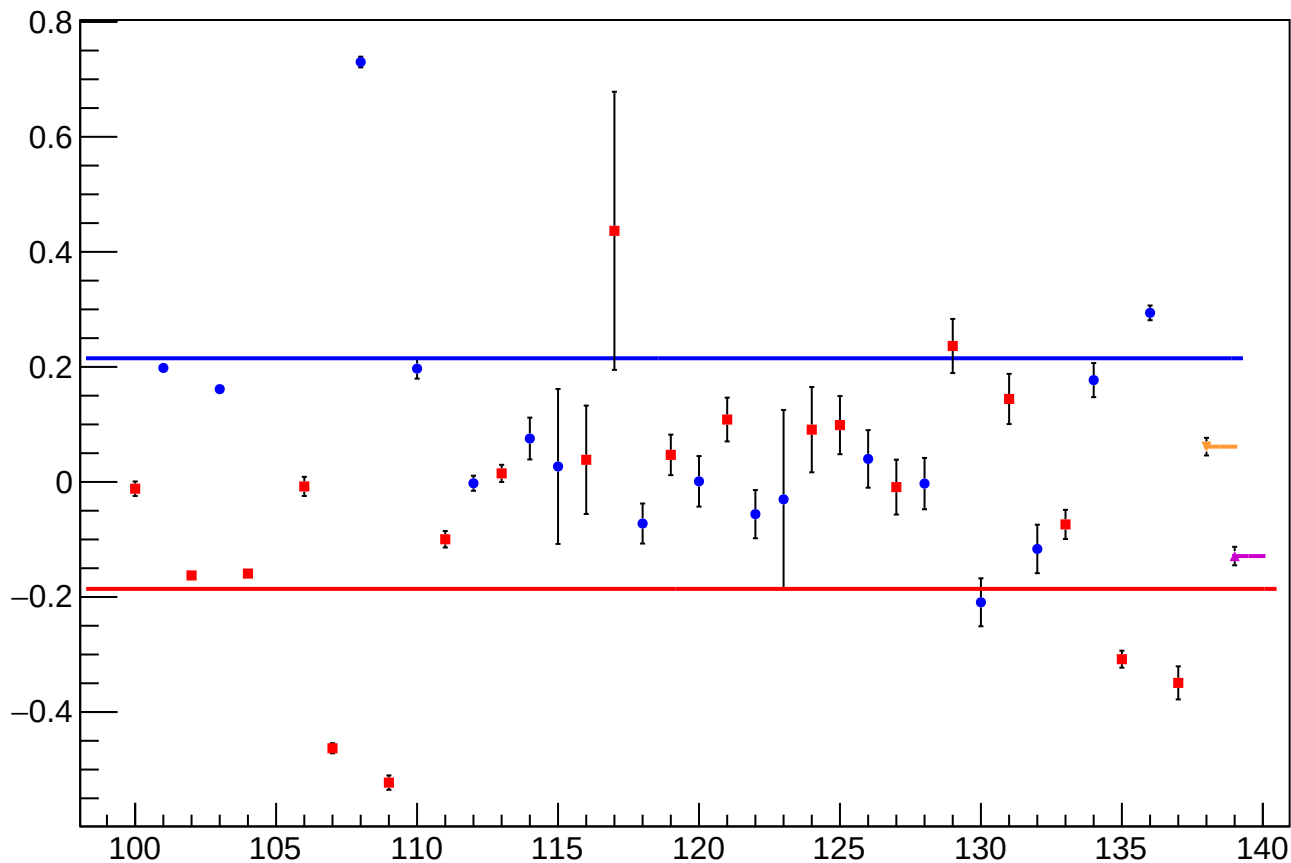
Left In: -42.090 ± 0.735 χ^2/NDF : 0.0/0

7.314 ± 0.064 χ^2/NDF : 131679.0/17

-0.800 ± 0.047 χ^2/NDF : 290519.7/38

-10.358 ± 0.069 χ^2/NDF : 123790.9/20

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF : 3930.1/16

Left Out: 0.061+/-0.015 χ^2/NDF : 0.0/0

Right Out: -0.186+/-0.003 χ^2/NDF : 2726.9/19

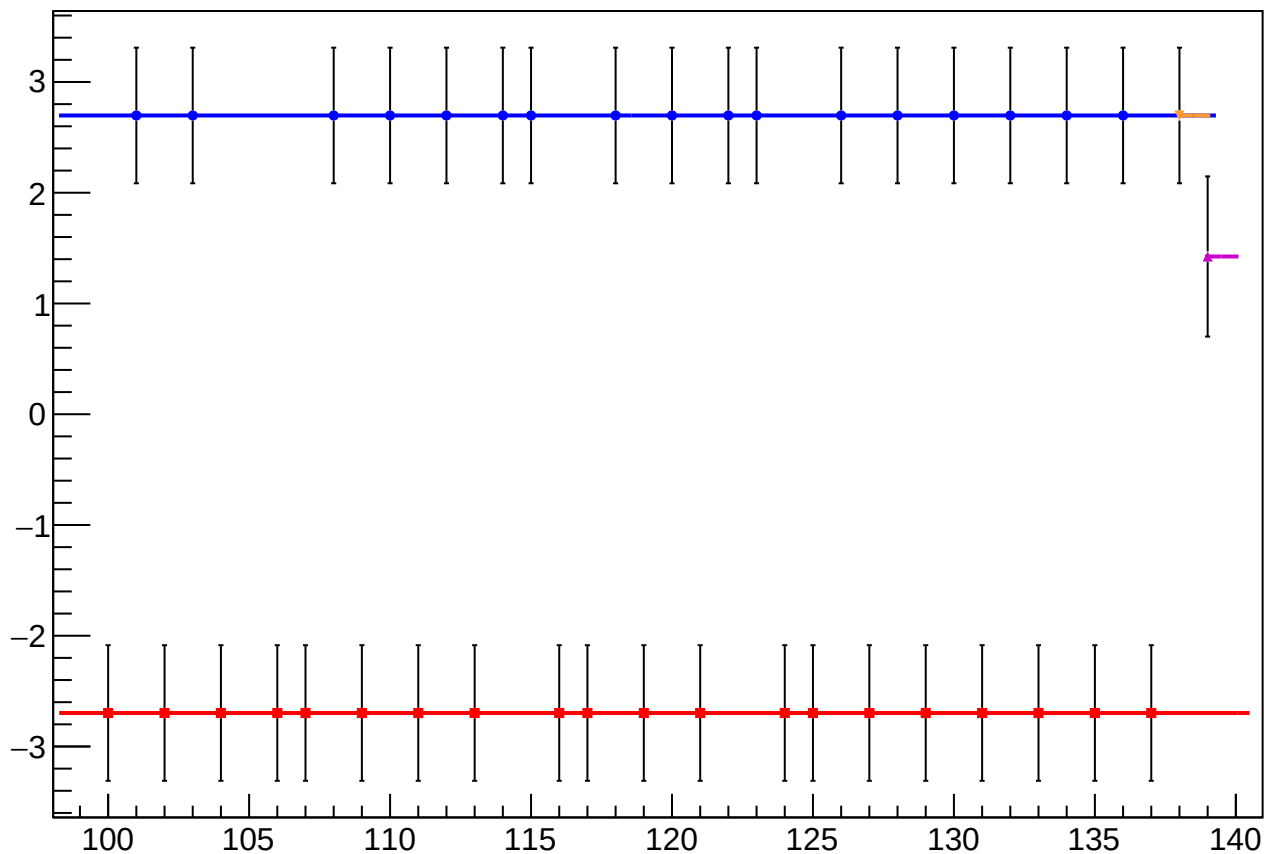
Left In: -0.129+/-0.016 χ^2/NDF : 0.0/0

0.210+/-0.003 χ^2/NDF : 4027.5/17

0.007+/-0.002 χ^2/NDF : 17543.2/38

-0.184+/-0.003 χ^2/NDF : 2739.2/20

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.698 $\pm$ 0.148 χ^2 /NDF: 0.0/16

Left Out: 2.698 $\pm$ 0.612 χ^2 /NDF: 0.0/0

Right Out: -2.698 $\pm$ 0.137 χ^2 /NDF: 0.0/19

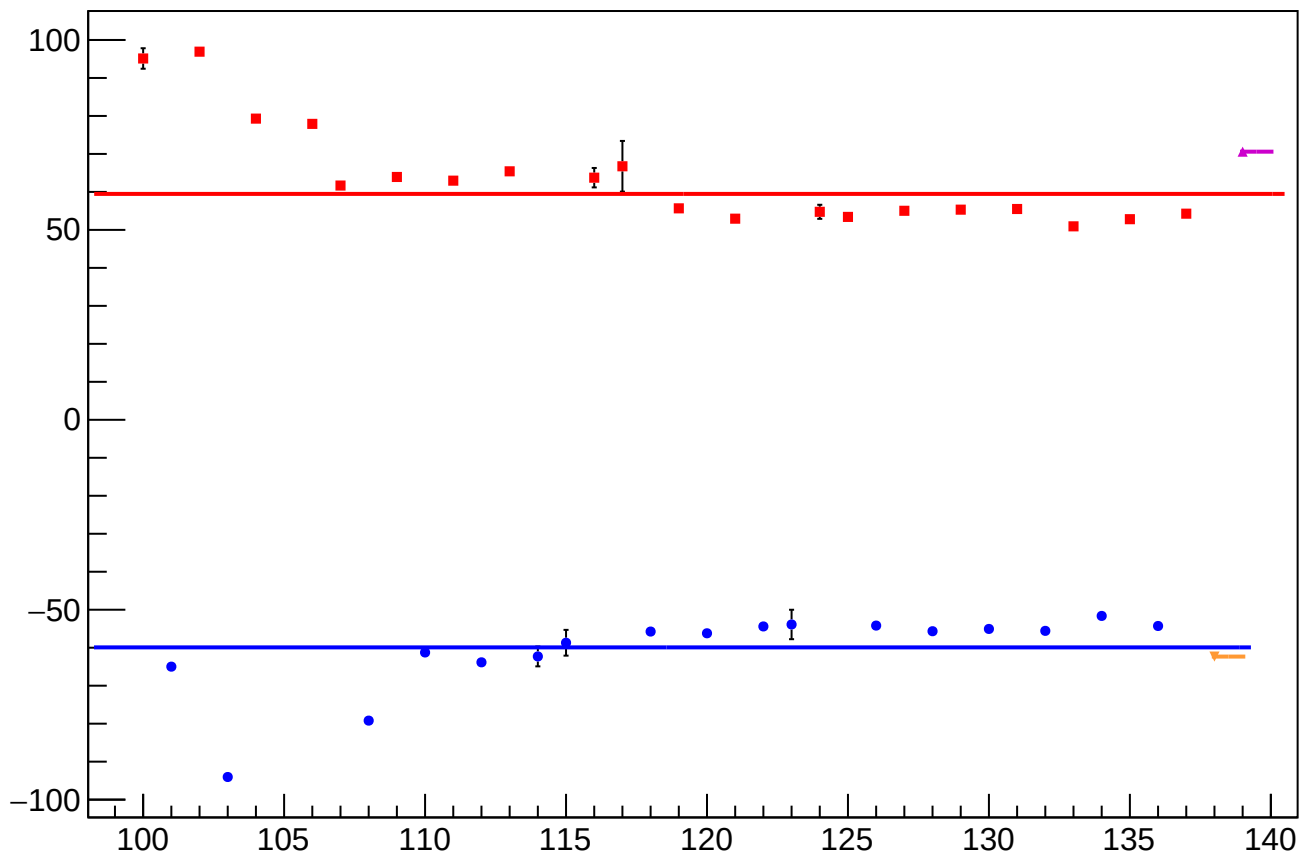
Left In: 1.424 $\pm$ 0.723 χ^2 /NDF: 0.0/0

2.698 $\pm$ 0.144 χ^2 /NDF: 0.0/17

-0.113 $\pm$ 0.098 χ^2 /NDF: 740.4/38

-2.555 $\pm$ 0.135 χ^2 /NDF: 31.3/20

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: 59.475 ± 0.212 χ^2/NDF : 2913.9/19

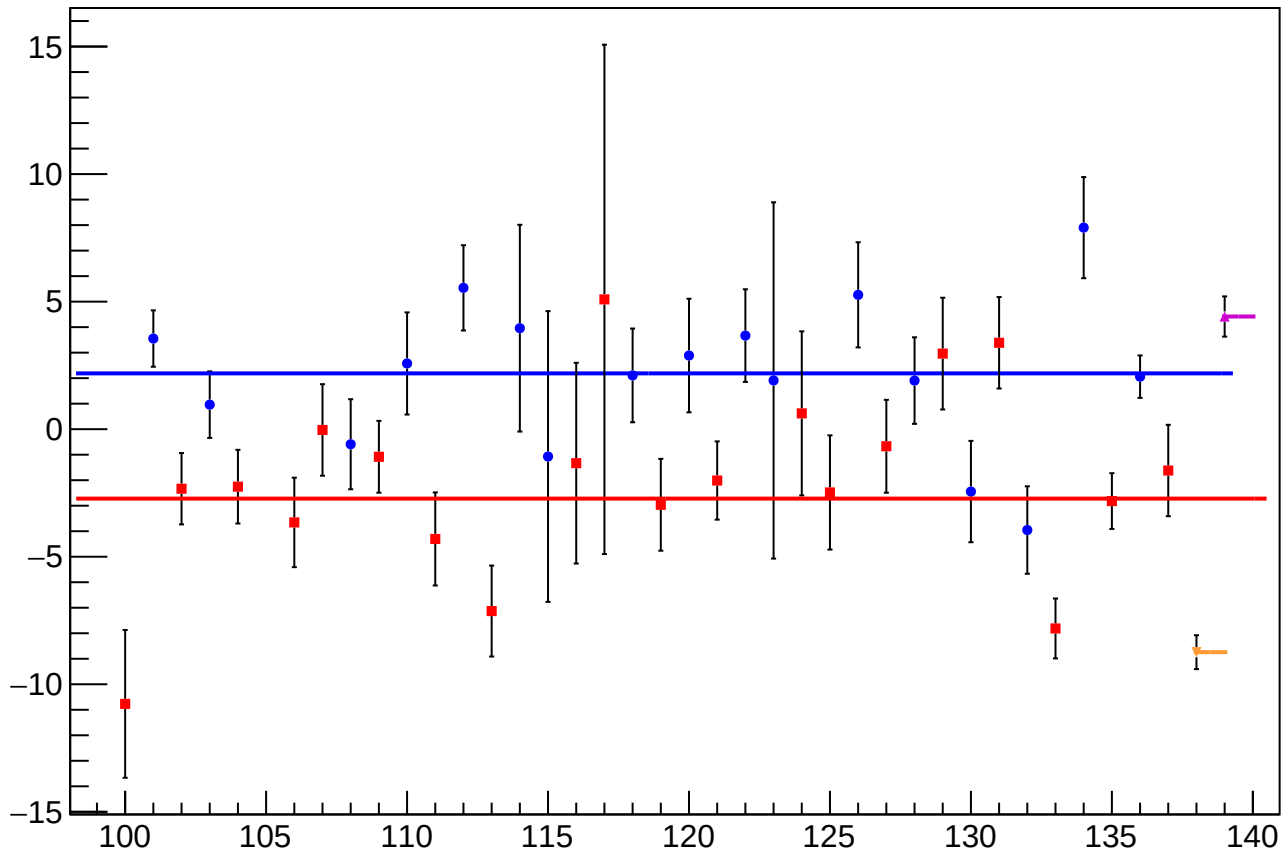
Left In: 70.595 ± 1.253 χ^2/NDF : 0.0/0

-60.154 ± 0.212 χ^2/NDF : 1991.1/17

0.586 ± 0.149 χ^2/NDF : 167557.1/38

59.784 ± 0.209 χ^2/NDF : 2990.4/20

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: -2.721 ± 0.387 $\chi^2/\text{NDF}: 59.5/19$

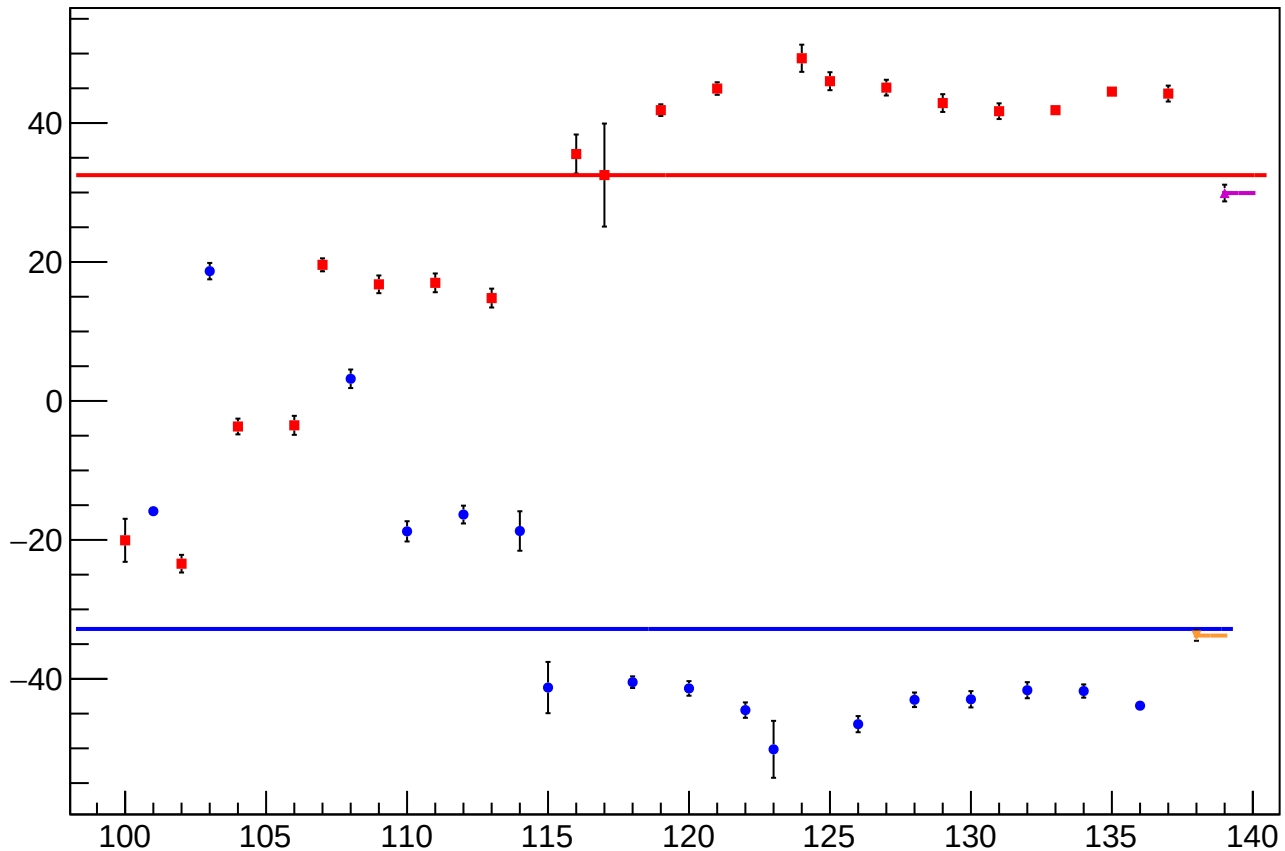
Left In: 4.417 ± 0.789 $\chi^2/\text{NDF}: 0.0/0$

-0.764 ± 0.345 $\chi^2/\text{NDF}: 236.7/17$

-1.047 ± 0.245 $\chi^2/\text{NDF}: 363.5/38$

-1.334 ± 0.348 $\chi^2/\text{NDF}: 125.5/20$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -33.766 ± 0.751 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/19$

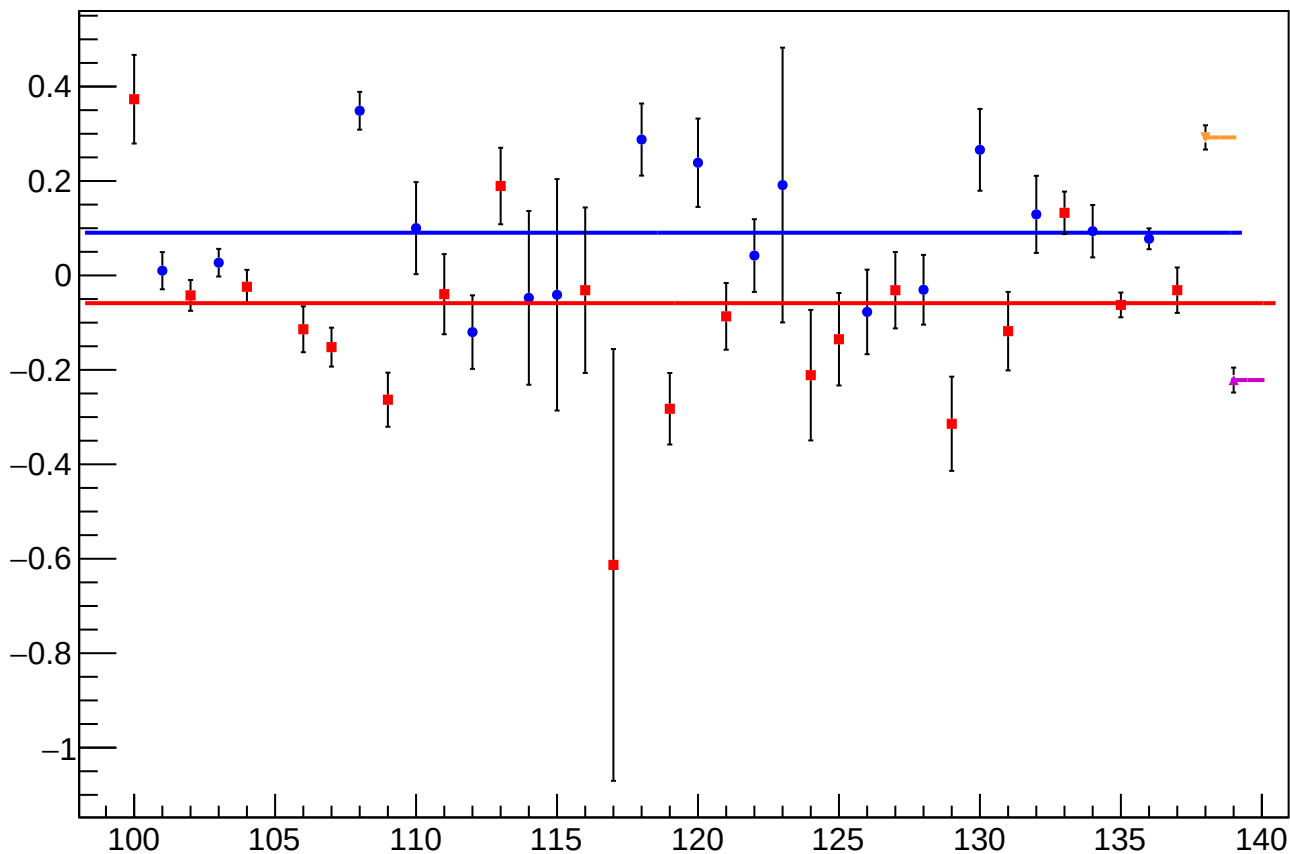
Left In: 29.926 ± 1.204 $\chi^2/\text{NDF}: 0.0/0$

-32.914 ± 0.241 $\chi^2/\text{NDF}: 4668.0/17$

-0.034 ± 0.170 $\chi^2/\text{NDF}: 47805.4/38$

32.399 ± 0.239 $\chi^2/\text{NDF}: 6042.2/20$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.2/16

Left Out: 0.292 ± 0.026 χ^2/NDF : 0.0/0

Right Out: -0.059 ± 0.012 χ^2/NDF : 88.8/19

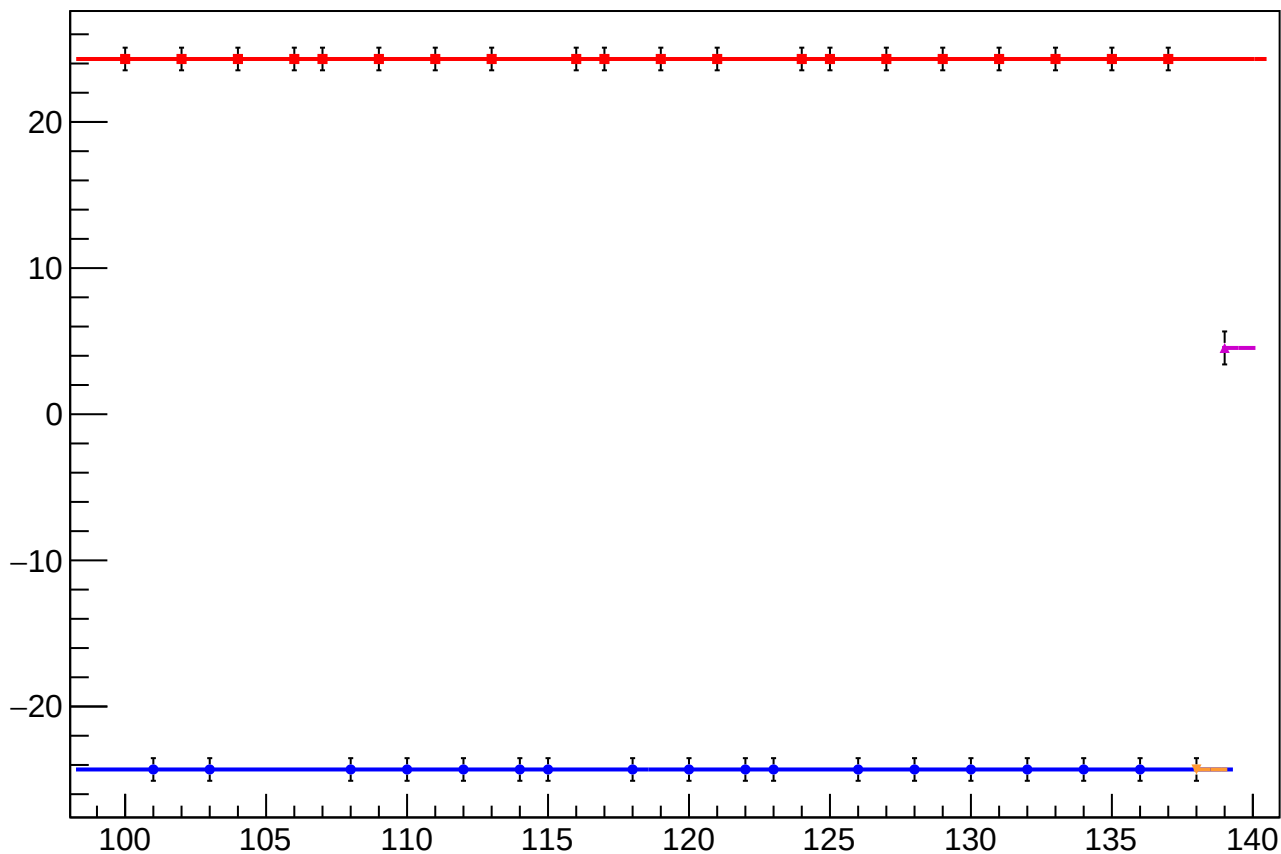
Left In: -0.222 ± 0.026 χ^2/NDF : 0.0/0

0.130 ± 0.011 χ^2/NDF : 128.8/17

0.018 ± 0.008 χ^2/NDF : 436.9/38

-0.087 ± 0.011 χ^2/NDF : 120.2/20

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.309±/0.188 χ^2/NDF : 0.0/16

Left Out: -24.309±/0.775 χ^2/NDF : 0.0/0

Right Out: 24.309±/0.173 χ^2/NDF : 0.0/19

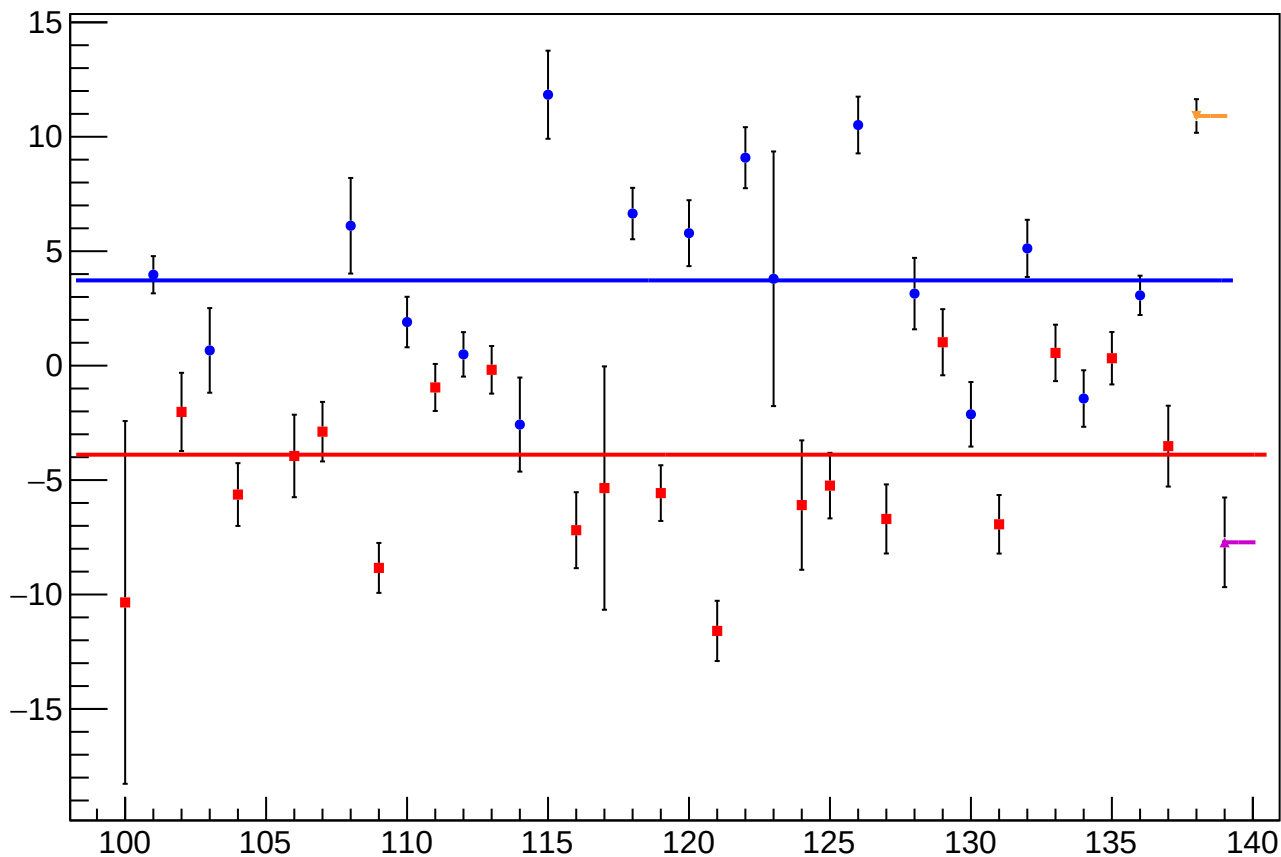
Left In: 4.537±/1.129 χ^2/NDF : 0.0/0

-24.309±/0.183 χ^2/NDF : 0.0/17

1.319±/0.125 χ^2/NDF : 37323.0/38

23.854±/0.171 χ^2/NDF : 299.7/20

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: -3.890 ± 0.316 $\chi^2/\text{NDF}: 134.5/19$

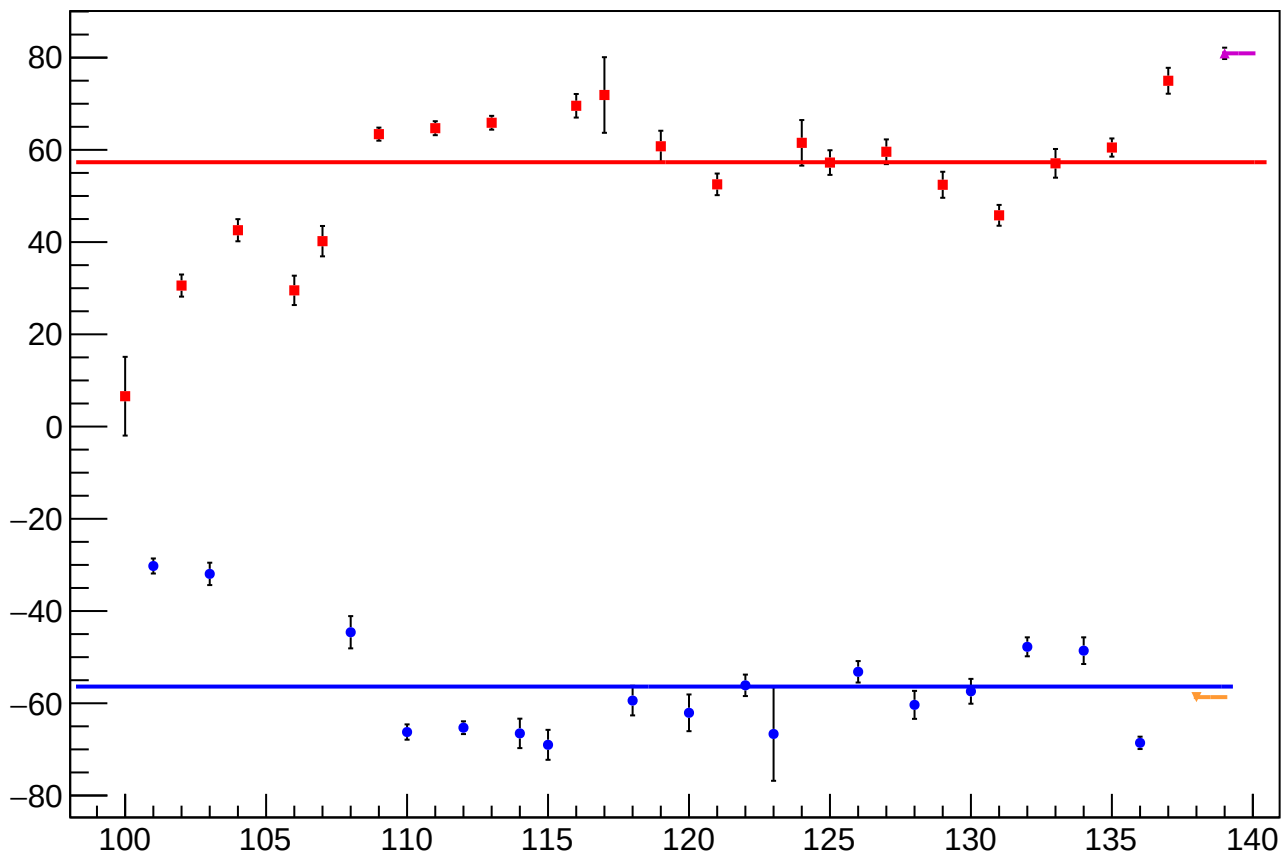
Left In: -7.720 ± 1.958 $\chi^2/\text{NDF}: 0.0/0$

4.801 ± 0.284 $\chi^2/\text{NDF}: 218.0/17$

0.808 ± 0.210 $\chi^2/\text{NDF}: 790.1/38$

-3.987 ± 0.312 $\chi^2/\text{NDF}: 138.2/20$

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: 57.320 ± 0.535 χ^2/NDF : 479.3/19

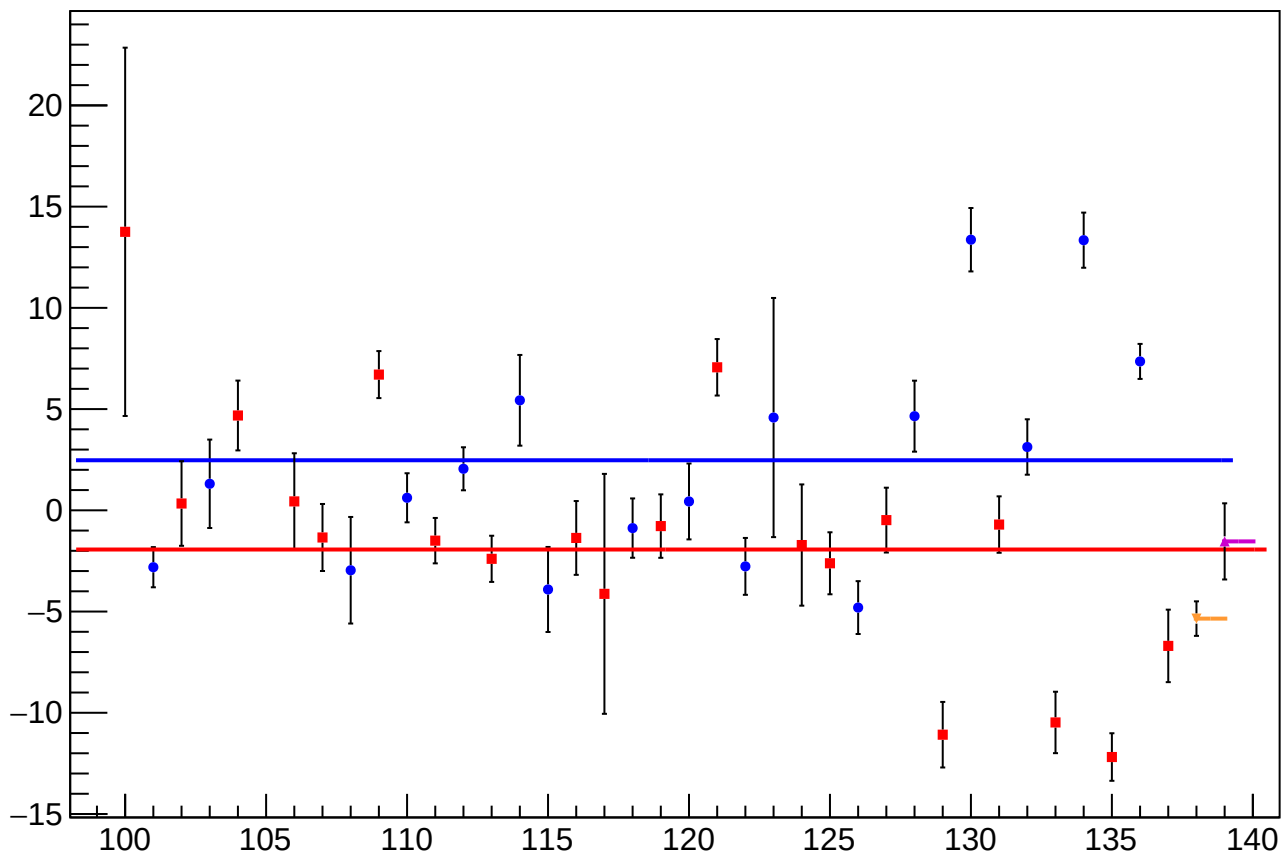
Left In: 80.927 ± 1.231 χ^2/NDF : 0.0/0

-57.052 ± 0.455 χ^2/NDF : 592.6/17

-2.374 ± 0.334 χ^2/NDF : 32540.0/38

61.067 ± 0.490 χ^2/NDF : 788.7/20

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: -5.349 ± 0.853 χ^2/NDF : 0.0/0

Right Out: -1.936 ± 0.354 χ^2/NDF : 266.8/19

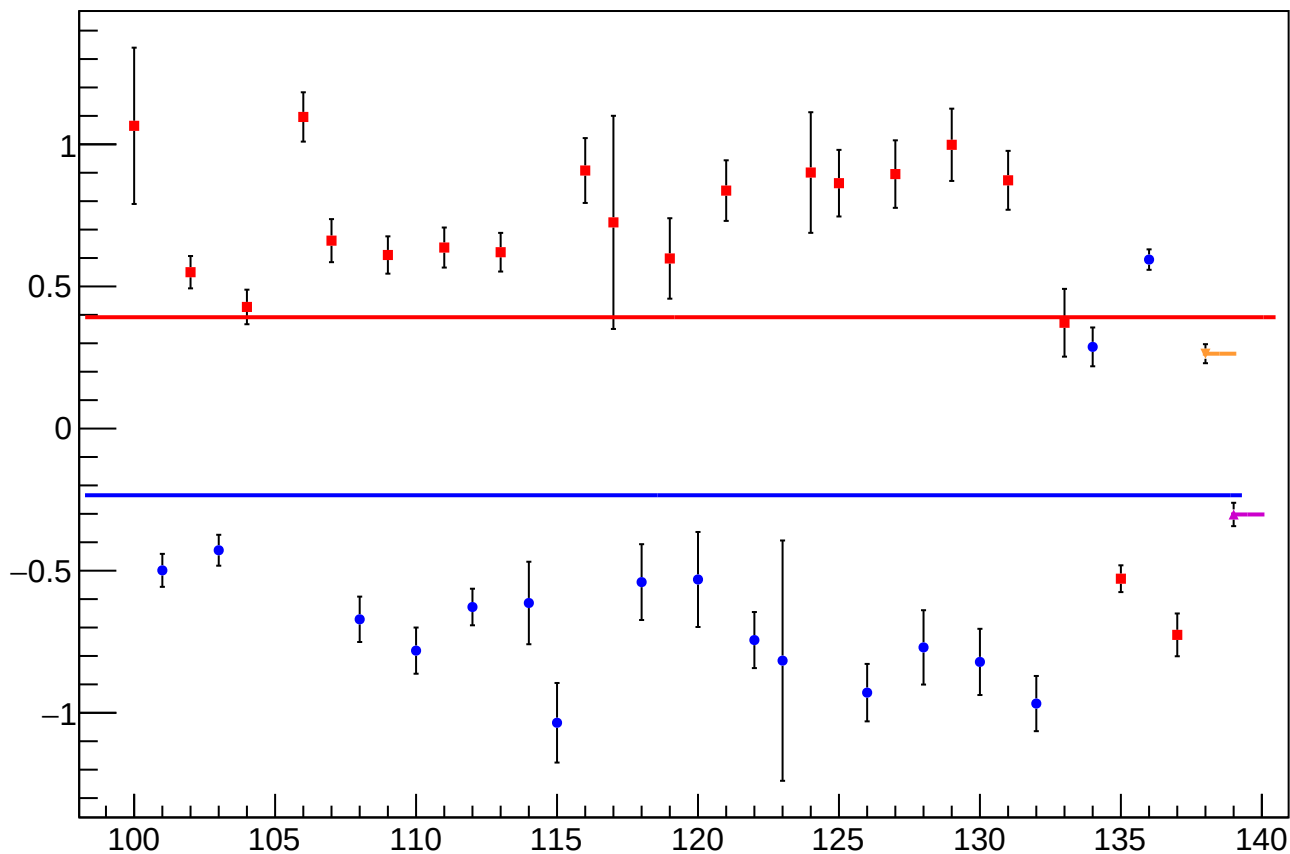
Left In: -1.535 ± 1.881 χ^2/NDF : 0.0/0

1.370 ± 0.320 χ^2/NDF : 315.8/17

-0.139 ± 0.236 χ^2/NDF : 631.1/38

-1.922 ± 0.348 χ^2/NDF : 266.8/20

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: 0.392 ± 0.019 χ^2/NDF : 854.1/19

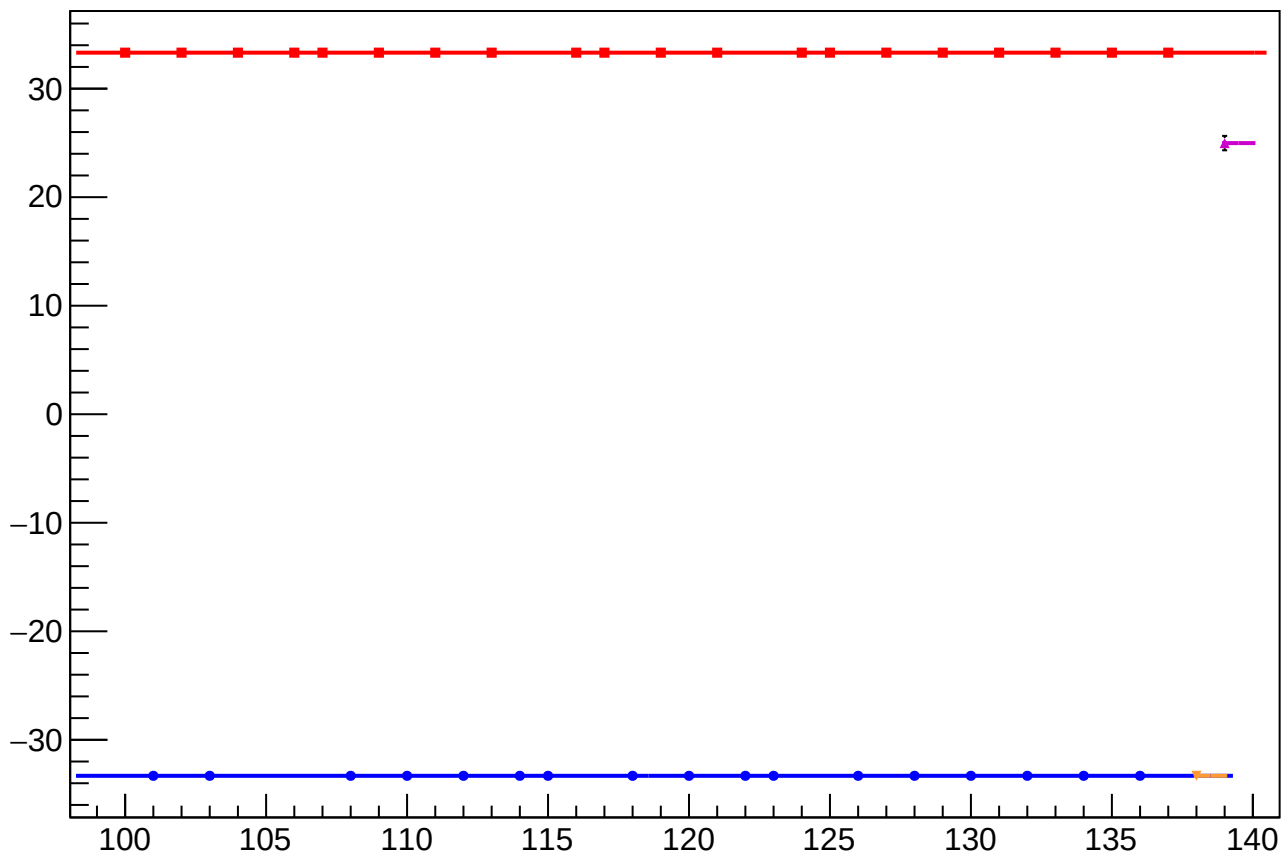
Left In: -0.302 ± 0.041 χ^2/NDF : 0.0/0

-0.115 ± 0.016 χ^2/NDF : 1126.4/17

0.069 ± 0.012 χ^2/NDF : 2477.2/38

0.270 ± 0.017 χ^2/NDF : 1089.4/20

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.316 ± 0.112 χ^2/NDF : 0.0/16

Left Out: -33.316 ± 0.460 χ^2/NDF : 0.0/0

Right Out: 33.316 ± 0.103 χ^2/NDF : 0.0/19

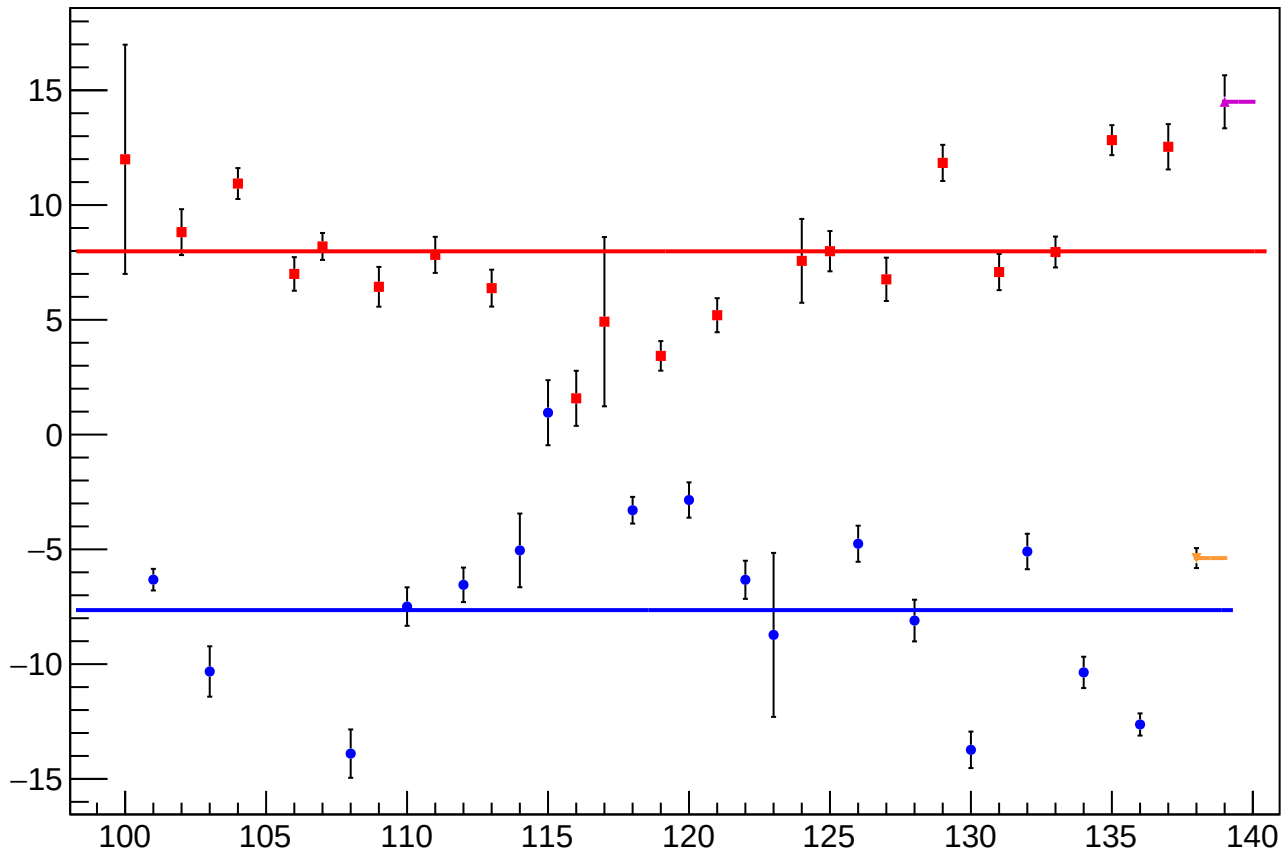
Left In: 24.983 ± 0.666 χ^2/NDF : 0.0/0

-33.316 ± 0.108 χ^2/NDF : 0.0/17

2.042 ± 0.074 χ^2/NDF : 199937.9/38

33.121 ± 0.102 χ^2/NDF : 153.1/20

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: 7.985 ± 0.186 χ^2/NDF : 226.1/19

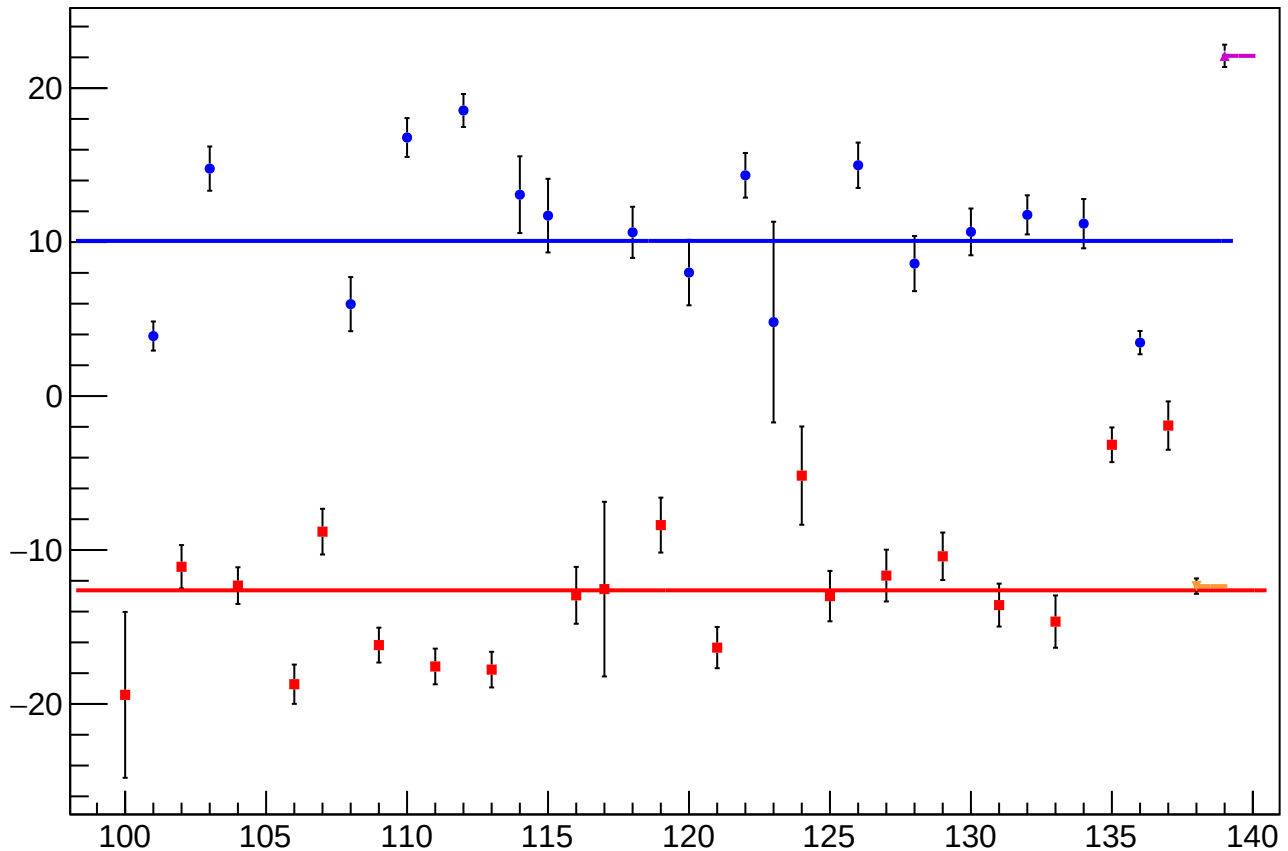
Left In: 14.499 ± 1.155 χ^2/NDF : 0.0/0

-7.297 ± 0.171 χ^2/NDF : 416.6/17

-0.119 ± 0.125 χ^2/NDF : 4476.9/38

8.149 ± 0.183 χ^2/NDF : 257.2/20

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077 $\pm$ 0.337 χ^2 /NDF: 252.8/16

Left Out: -12.346 $\pm$ 0.498 χ^2 /NDF: 0.0/0

Right Out: -12.620 $\pm$ 0.332 χ^2 /NDF: 220.0/19

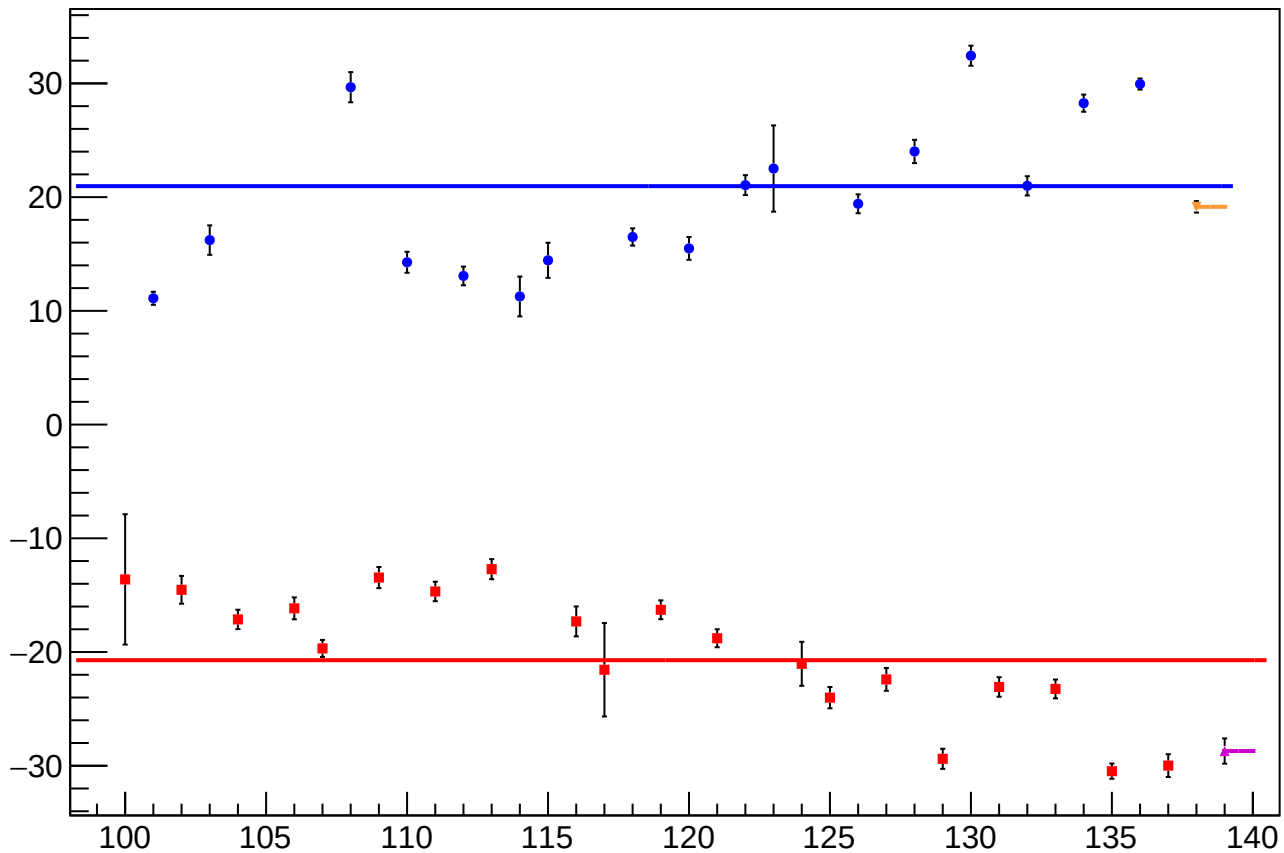
Left In: 22.098 $\pm$ 0.726 χ^2 /NDF: 0.0/0

3.049 $\pm$ 0.279 χ^2 /NDF: 1642.4/17

-1.405 $\pm$ 0.205 χ^2 /NDF: 4308.1/38

-6.614 $\pm$ 0.302 χ^2 /NDF: 2113.1/20

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965±/0.209 χ^2/NDF : 1225.5/16

Left Out: 19.147±/0.506 χ^2/NDF : 0.0/0

Right Out: -20.718±/0.212 χ^2/NDF : 729.9/19

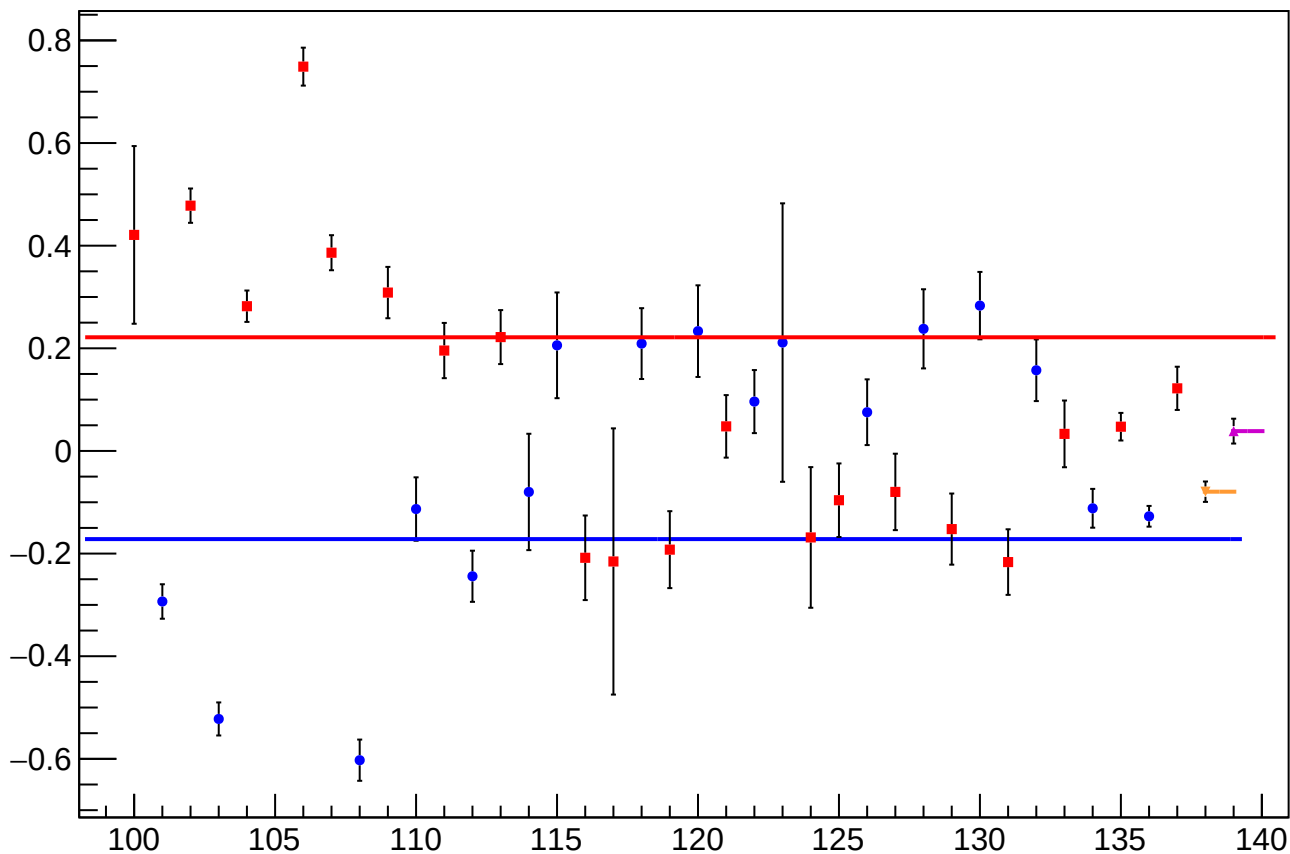
Left In: -28.706±/1.109 χ^2/NDF : 0.0/0

20.699±/0.194 χ^2/NDF : 1236.5/17

1.413±/0.142 χ^2/NDF : 23492.9/38

-21.000±/0.209 χ^2/NDF : 780.0/20

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: 0.221 ± 0.011 χ^2/NDF : 538.9/19

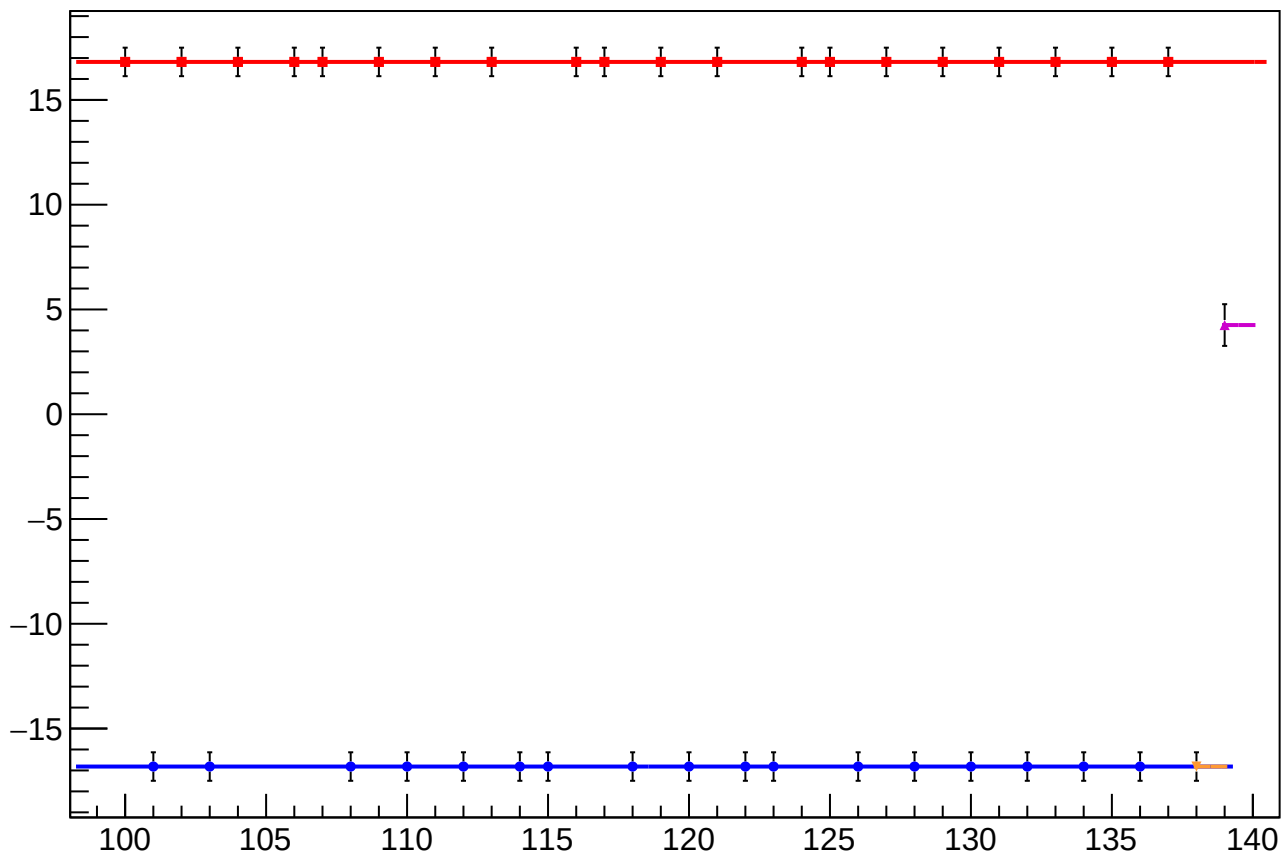
Left In: 0.039 ± 0.024 χ^2/NDF : 0.0/0

-0.150 ± 0.010 χ^2/NDF : 480.6/17

0.017 ± 0.007 χ^2/NDF : 1662.1/38

0.191 ± 0.010 χ^2/NDF : 586.3/20

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.814 ± 0.165 χ^2/NDF : 0.0/16

Left Out: -16.814 ± 0.680 χ^2/NDF : 0.0/0

Right Out: 16.814 ± 0.152 χ^2/NDF : 0.0/19

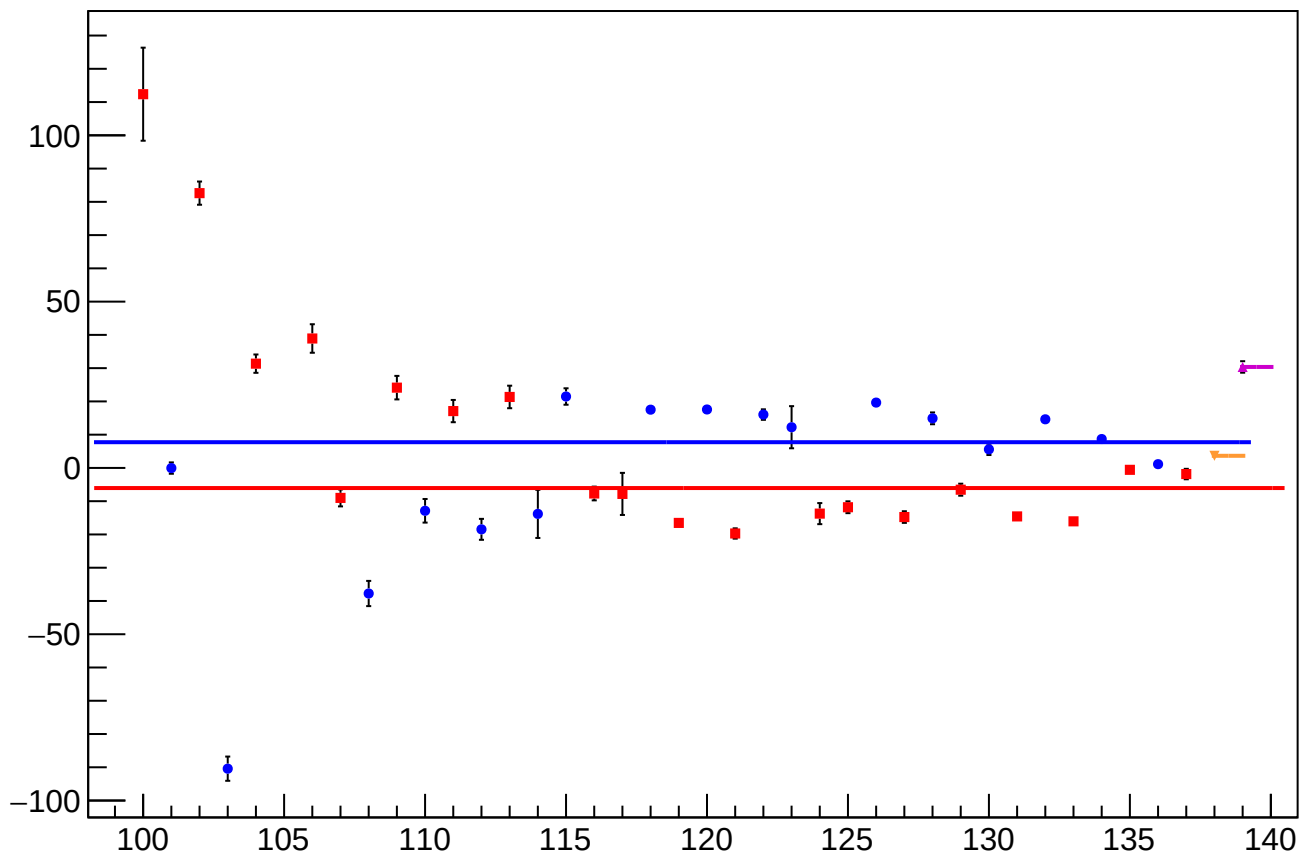
Left In: 4.257 ± 0.995 χ^2/NDF : 0.0/0

-16.814 ± 0.160 χ^2/NDF : 0.0/17

0.926 ± 0.110 χ^2/NDF : 23169.3/38

16.528 ± 0.150 χ^2/NDF : 155.5/20

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: -6.048 ± 0.433 χ^2/NDF : 1512.2/19

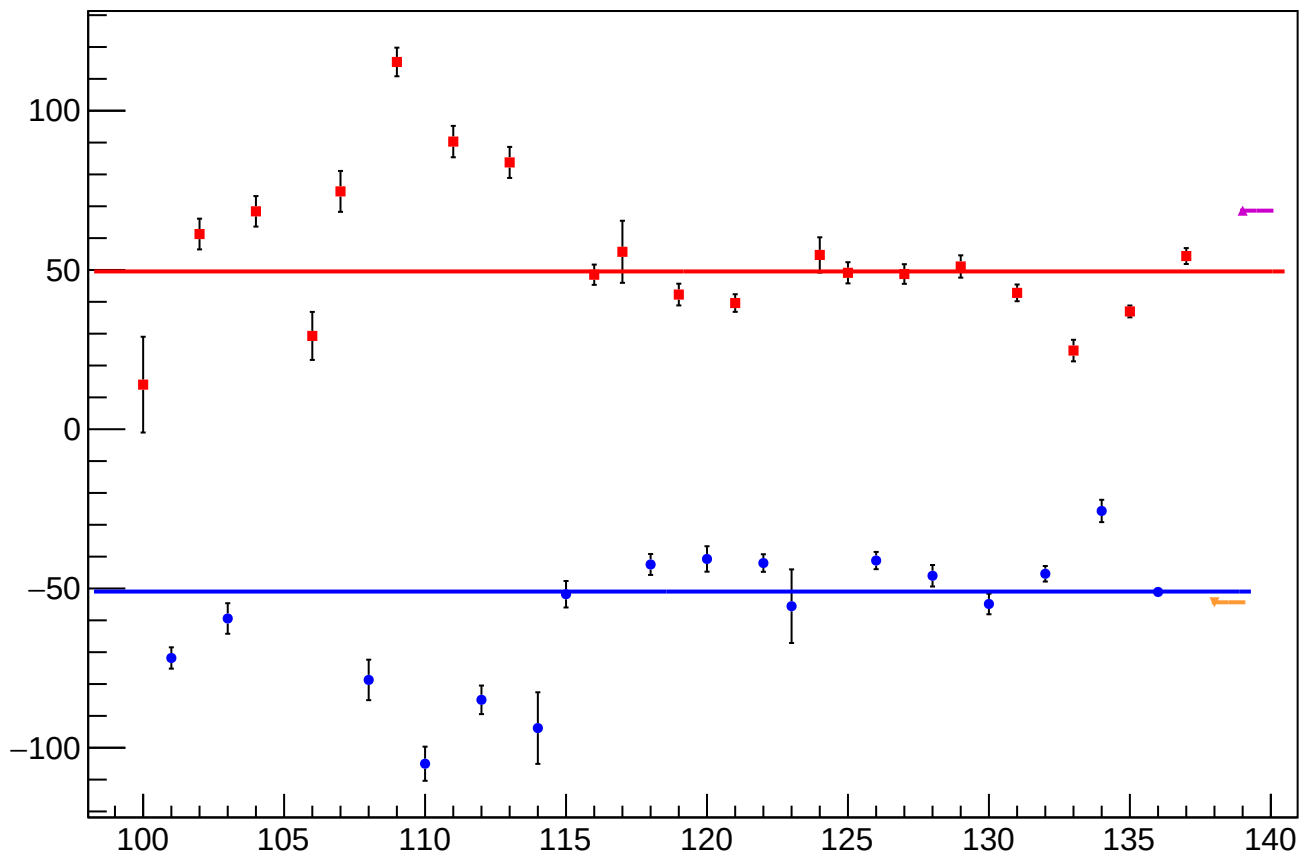
Left In: 30.361 ± 1.726 χ^2/NDF : 0.0/0

6.601 ± 0.342 χ^2/NDF : 1387.0/17

2.417 ± 0.265 χ^2/NDF : 3692.9/38

-3.890 ± 0.420 χ^2/NDF : 1930.9/20

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: 49.538 ± 0.795 χ^2/NDF : 510.8/19

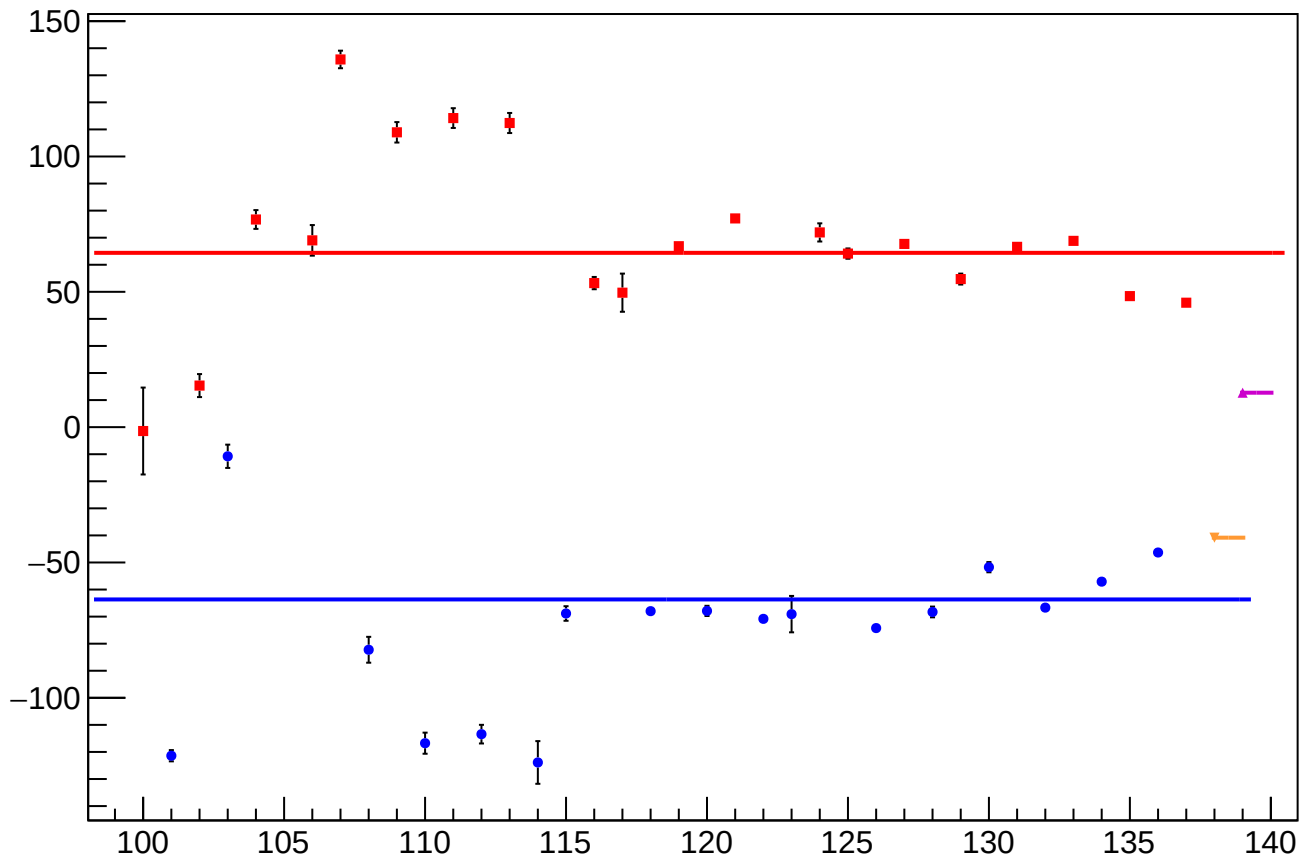
Left In: 68.624 ± 1.085 χ^2/NDF : 0.0/0

-52.653 ± 0.521 χ^2/NDF : 343.1/17

-9.321 ± 0.405 χ^2/NDF : 18404.8/38

56.198 ± 0.641 χ^2/NDF : 712.1/20

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -40.834 ± 0.753 χ^2/NDF : 0.0/0

Right Out: 64.401 ± 0.481 χ^2/NDF : 1611.2/19

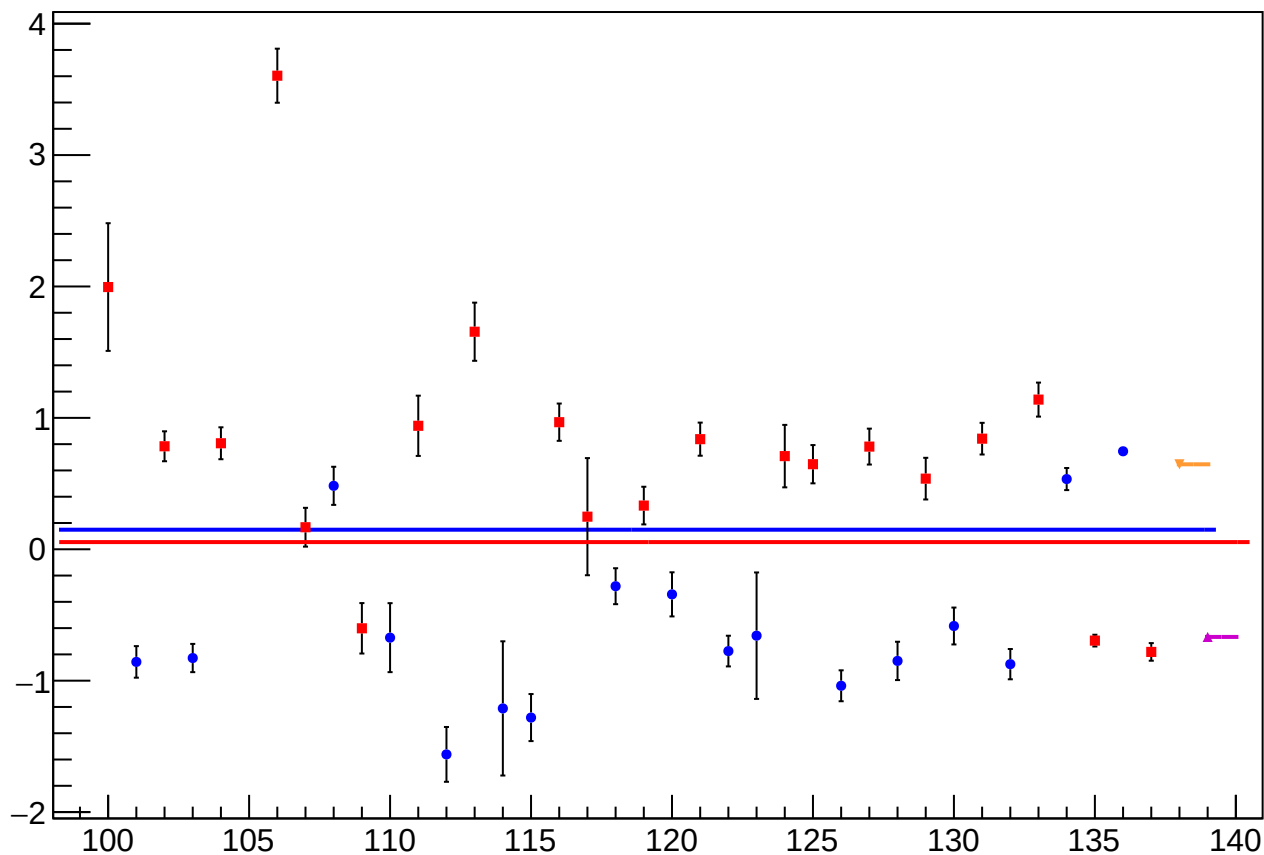
Left In: 12.725 ± 1.657 χ^2/NDF : 0.0/0

-57.737 ± 0.383 χ^2/NDF : 2695.8/17

-9.618 ± 0.295 χ^2/NDF : 43893.7/38

60.381 ± 0.462 χ^2/NDF : 2507.6/20

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16

Left Out: 0.647 ± 0.029 χ^2/NDF : 0.0/0

Right Out: 0.055 ± 0.026 χ^2/NDF : 1168.0/19

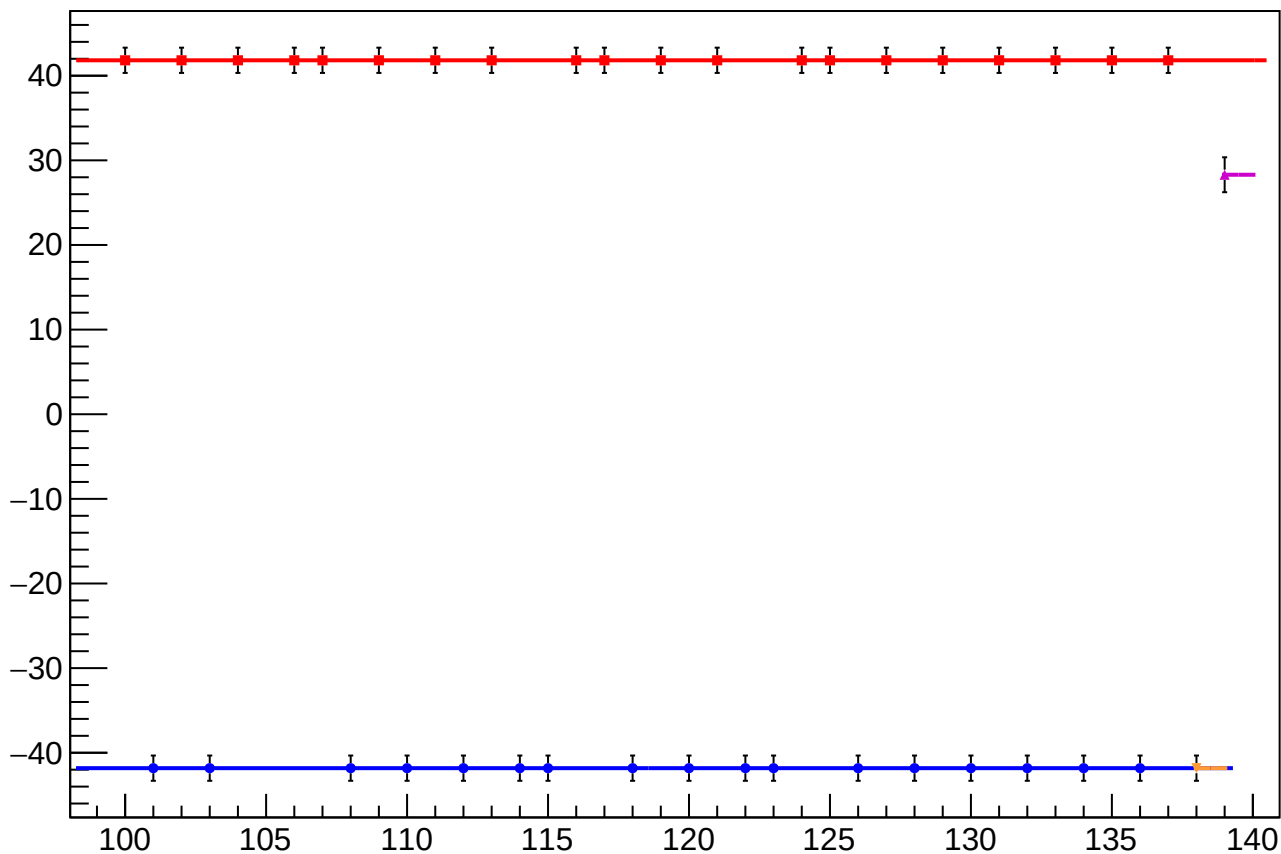
Left In: -0.667 ± 0.036 χ^2/NDF : 0.0/0

0.348 ± 0.019 χ^2/NDF : 1162.1/17

0.113 ± 0.014 χ^2/NDF : 2958.1/38

-0.192 ± 0.021 χ^2/NDF : 1428.9/20

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.821 ± 0.362 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -41.821 ± 1.492 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 41.821 ± 0.334 $\chi^2/\text{NDF}: 0.0/19$

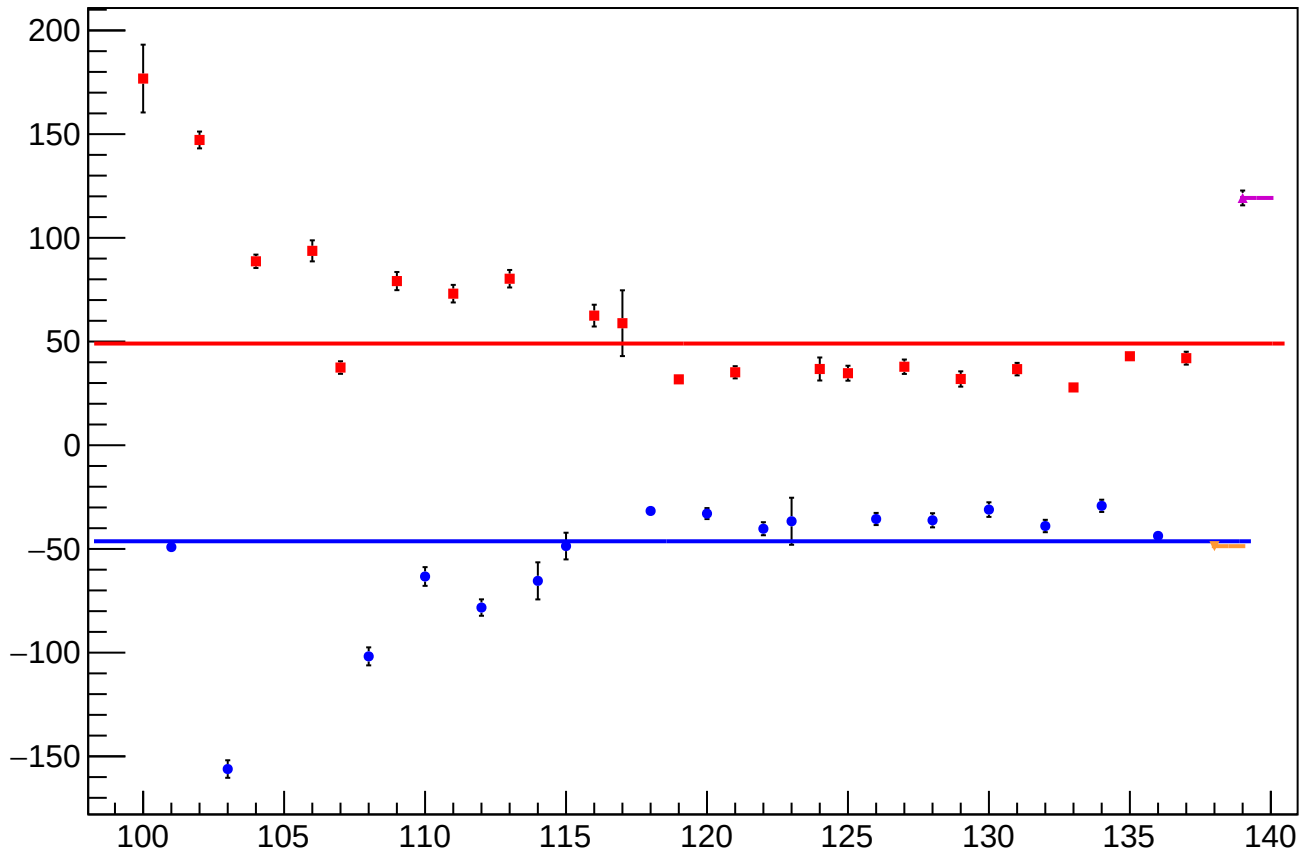
Left In: 28.298 ± 2.063 $\chi^2/\text{NDF}: 0.0/0$

-41.821 ± 0.352 $\chi^2/\text{NDF}: 0.0/17$

2.556 ± 0.240 $\chi^2/\text{NDF}: 29919.3/38$

41.477 ± 0.329 $\chi^2/\text{NDF}: 41.9/20$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -48.663 ± 1.485 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 49.031 ± 0.763 $\chi^2/\text{NDF}: 1272.0/19$

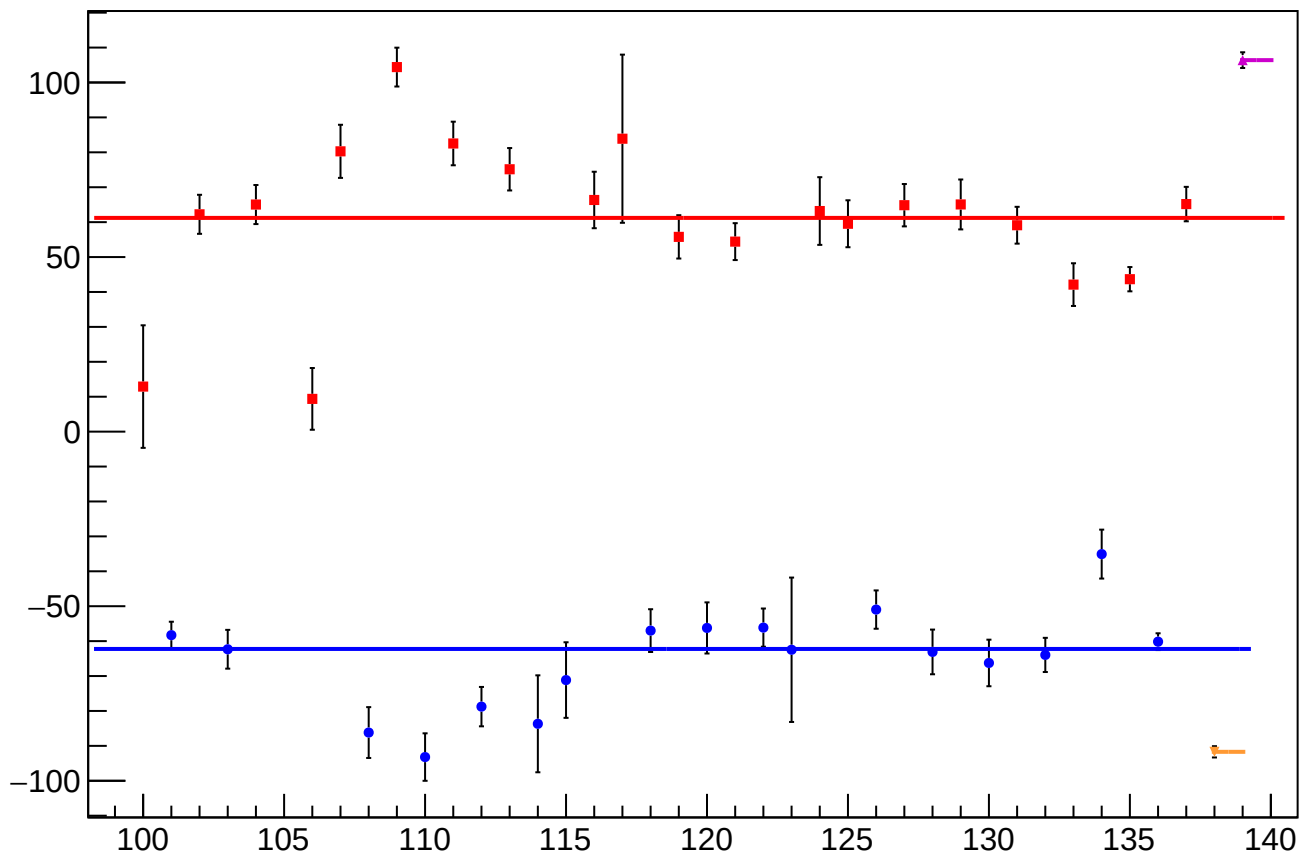
Left In: 119.234 ± 3.574 $\chi^2/\text{NDF}: 0.0/0$

-46.753 ± 0.650 $\chi^2/\text{NDF}: 1086.1/17$

-4.108 ± 0.490 $\chi^2/\text{NDF}: 12706.4/38$

52.090 ± 0.746 $\chi^2/\text{NDF}: 1641.0/20$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242 ± 1.310 $\chi^2/\text{NDF}: 67.4/16$

Left Out: -91.708 ± 1.618 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 61.216 ± 1.377 $\chi^2/\text{NDF}: 166.5/19$

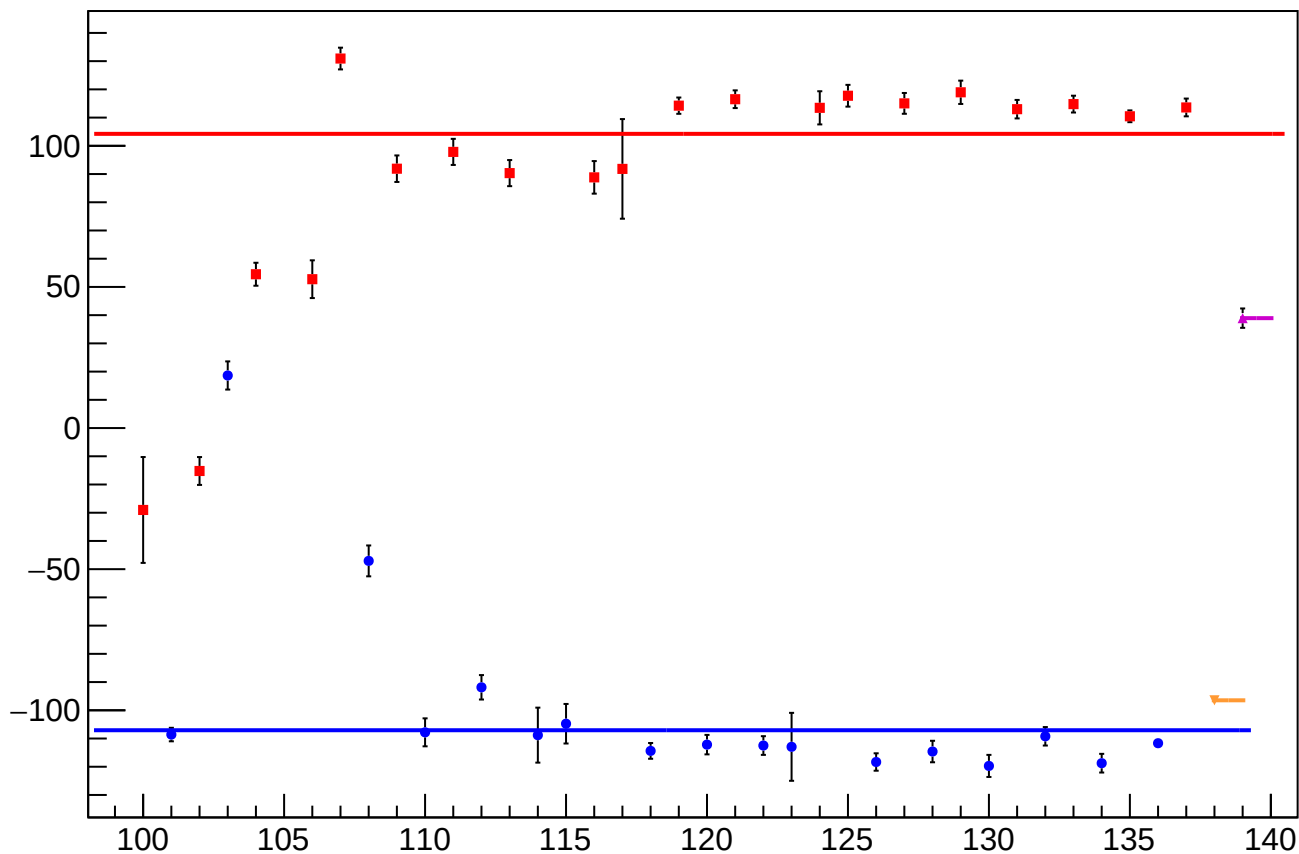
Left In: 106.403 ± 2.249 $\chi^2/\text{NDF}: 0.0/0$

-73.911 ± 1.018 $\chi^2/\text{NDF}: 267.7/17$

-10.644 ± 0.769 $\chi^2/\text{NDF}: 9725.8/38$

73.538 ± 1.175 $\chi^2/\text{NDF}: 460.0/20$

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: 104.240 ± 0.860 χ^2/NDF : 1019.1/19

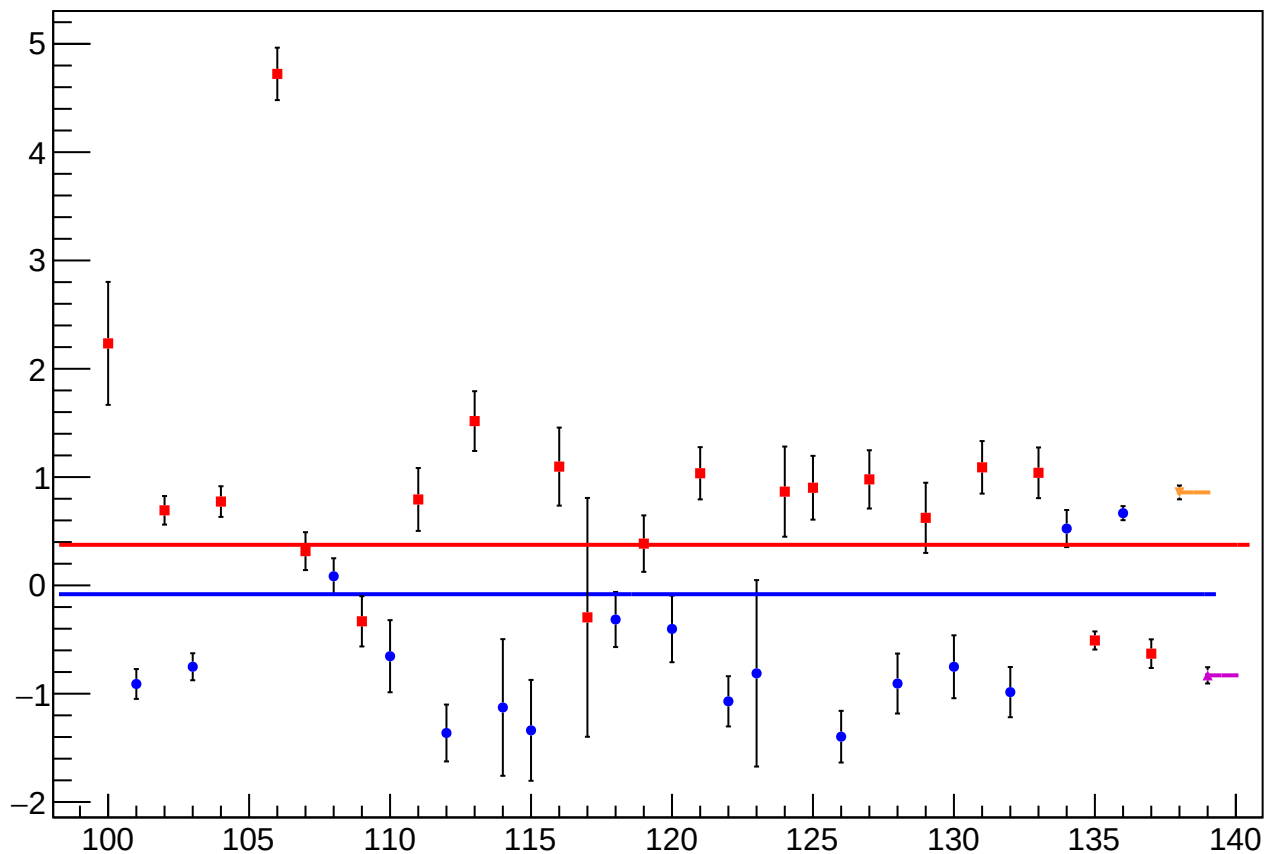
Left In: 38.939 ± 3.433 χ^2/NDF : 0.0/0

-105.105 ± 0.732 χ^2/NDF : 860.0/17

-15.651 ± 0.550 χ^2/NDF : 36487.2/38

100.384 ± 0.834 χ^2/NDF : 1359.6/20

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: 0.375 ± 0.044 χ^2/NDF : 583.4/19

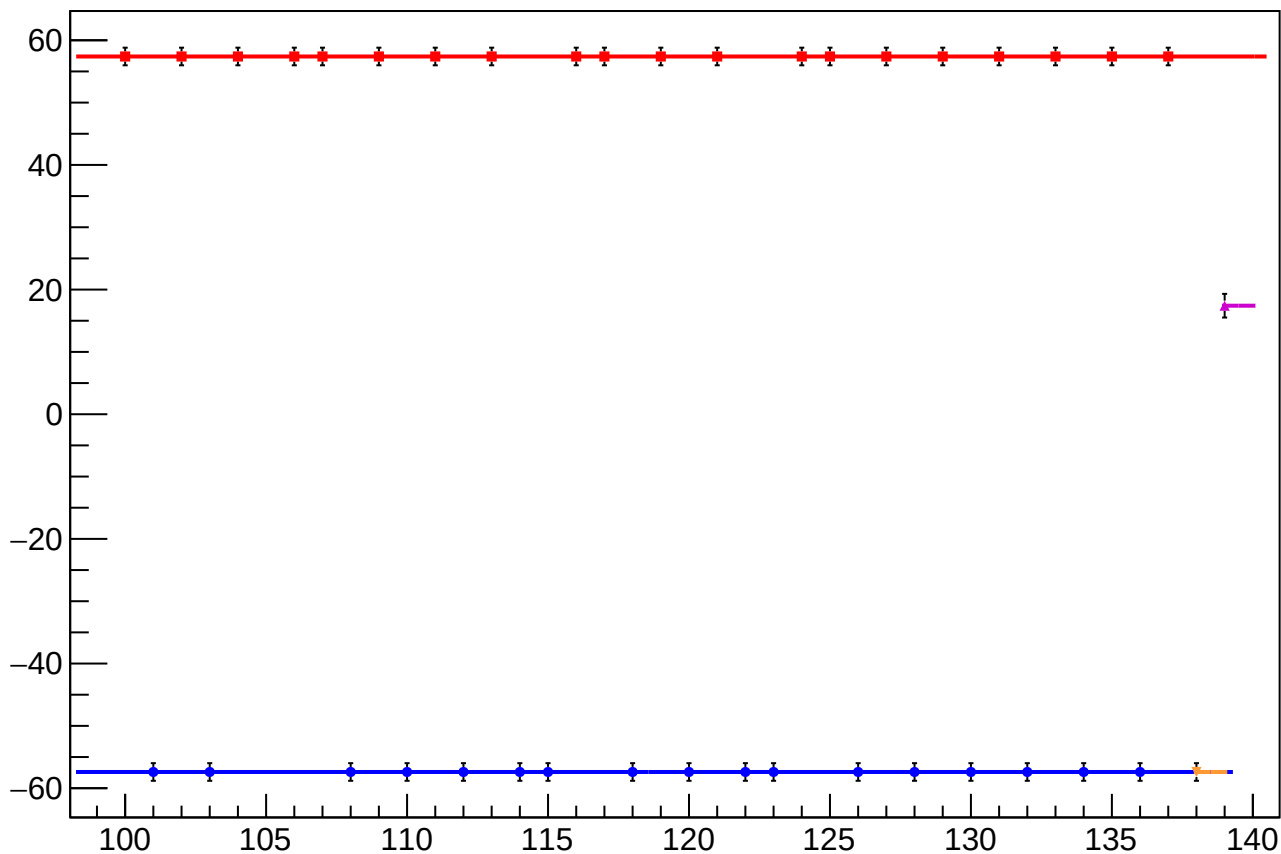
Left In: -0.831 ± 0.075 χ^2/NDF : 0.0/0

0.203 ± 0.035 χ^2/NDF : 479.5/17

0.141 ± 0.026 χ^2/NDF : 1261.5/38

0.069 ± 0.038 χ^2/NDF : 775.2/20

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -57.398 $\pm$ 0.343 χ^2 /NDF: 0.0/16

Left Out: -57.398 $\pm$ 1.415 χ^2 /NDF: 0.0/0

Right Out: 57.398 $\pm$ 0.316 χ^2 /NDF: 0.0/19

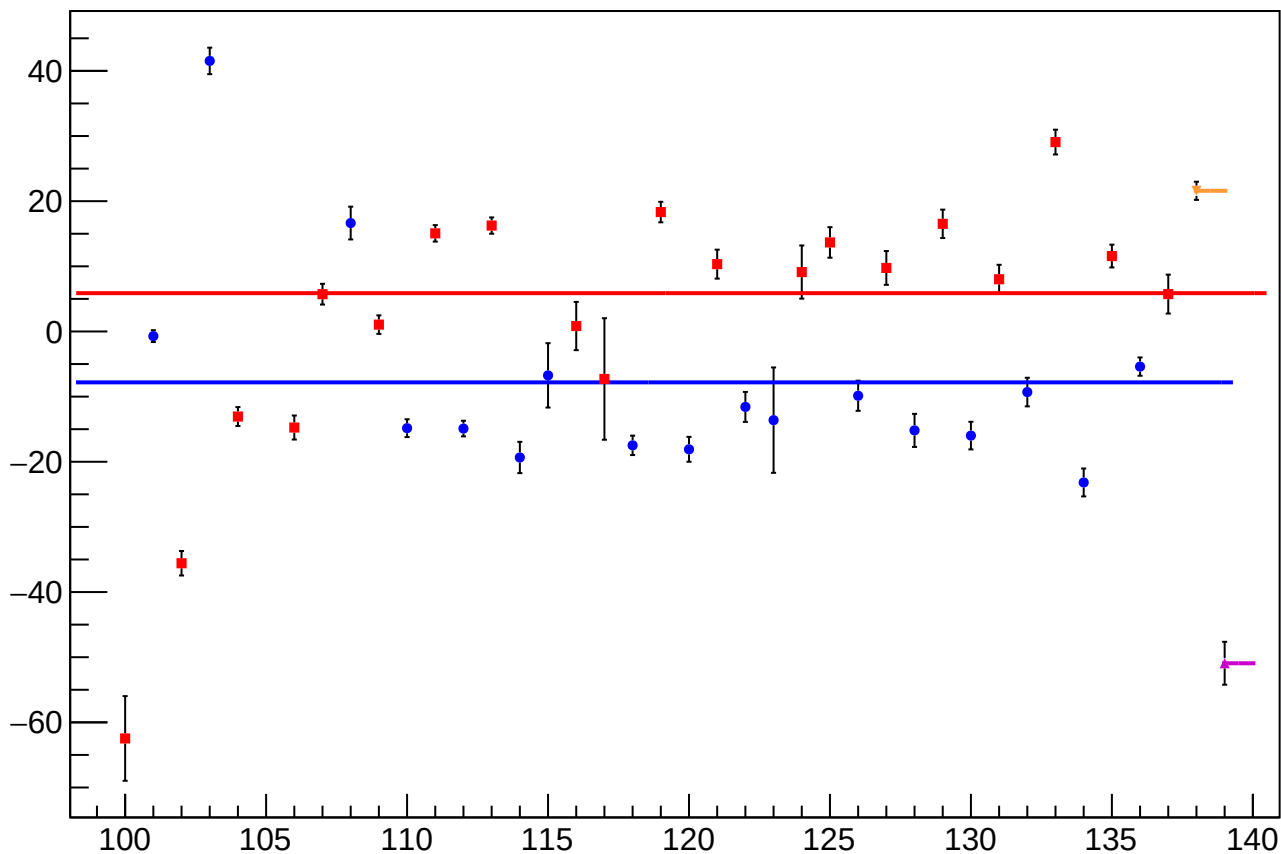
Left In: 17.413 $\pm$ 1.899 χ^2 /NDF: 0.0/0

-57.398 $\pm$ 0.333 χ^2 /NDF: 0.0/17

3.228 $\pm$ 0.228 χ^2 /NDF: 62433.6/38

56.318 $\pm$ 0.312 χ^2 /NDF: 431.5/20

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: 5.880 ± 0.429 χ^2/NDF : 1295.1/19

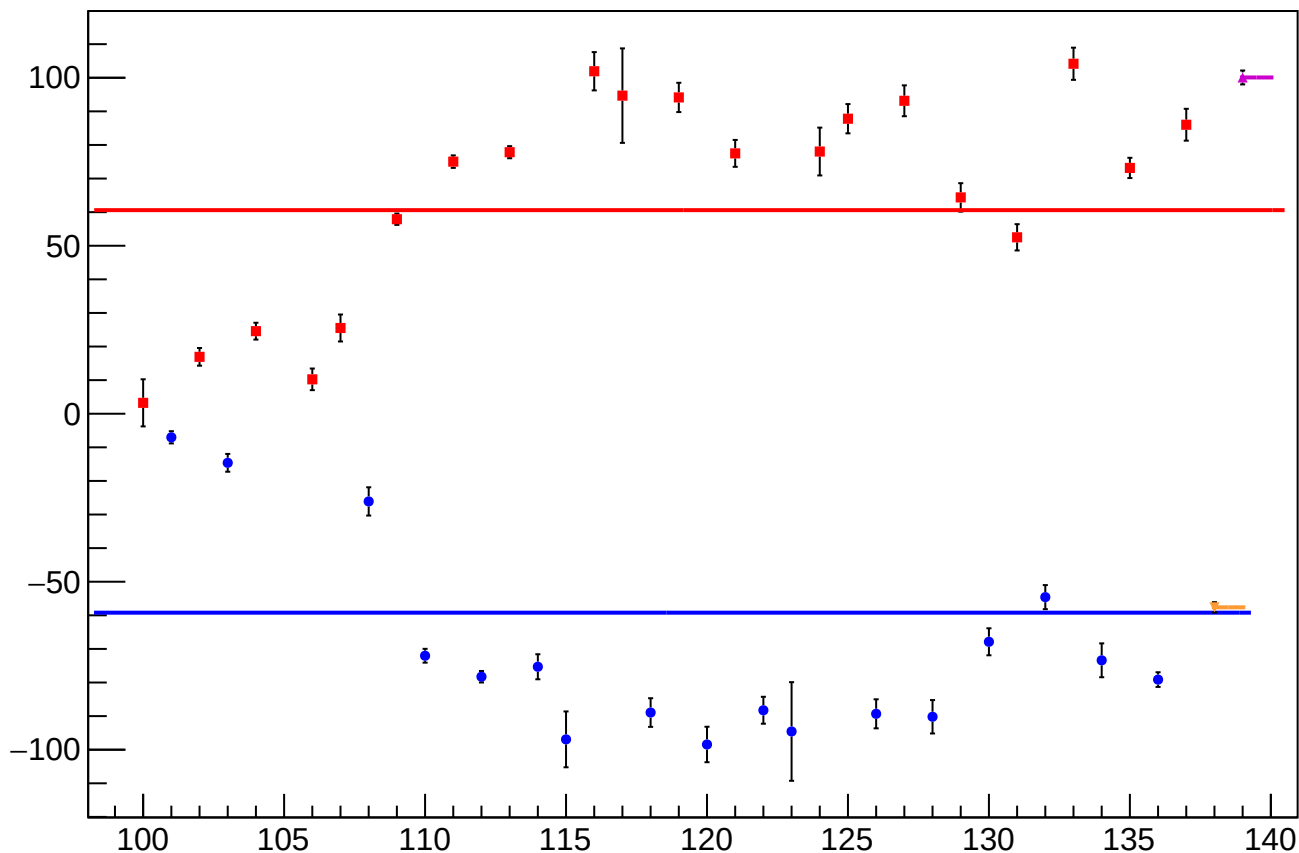
Left In: -50.930 ± 3.294 χ^2/NDF : 0.0/0

-5.287 ± 0.409 χ^2/NDF : 1389.5/17

-0.379 ± 0.295 χ^2/NDF : 3277.6/38

4.934 ± 0.425 χ^2/NDF : 1587.6/20

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.214+/-0.744 χ^2/NDF : 1720.4/16

Left Out: -57.620+/-1.533 χ^2/NDF : 0.0/0

Right Out: 60.598+/-0.703 χ^2/NDF : 1389.8/19

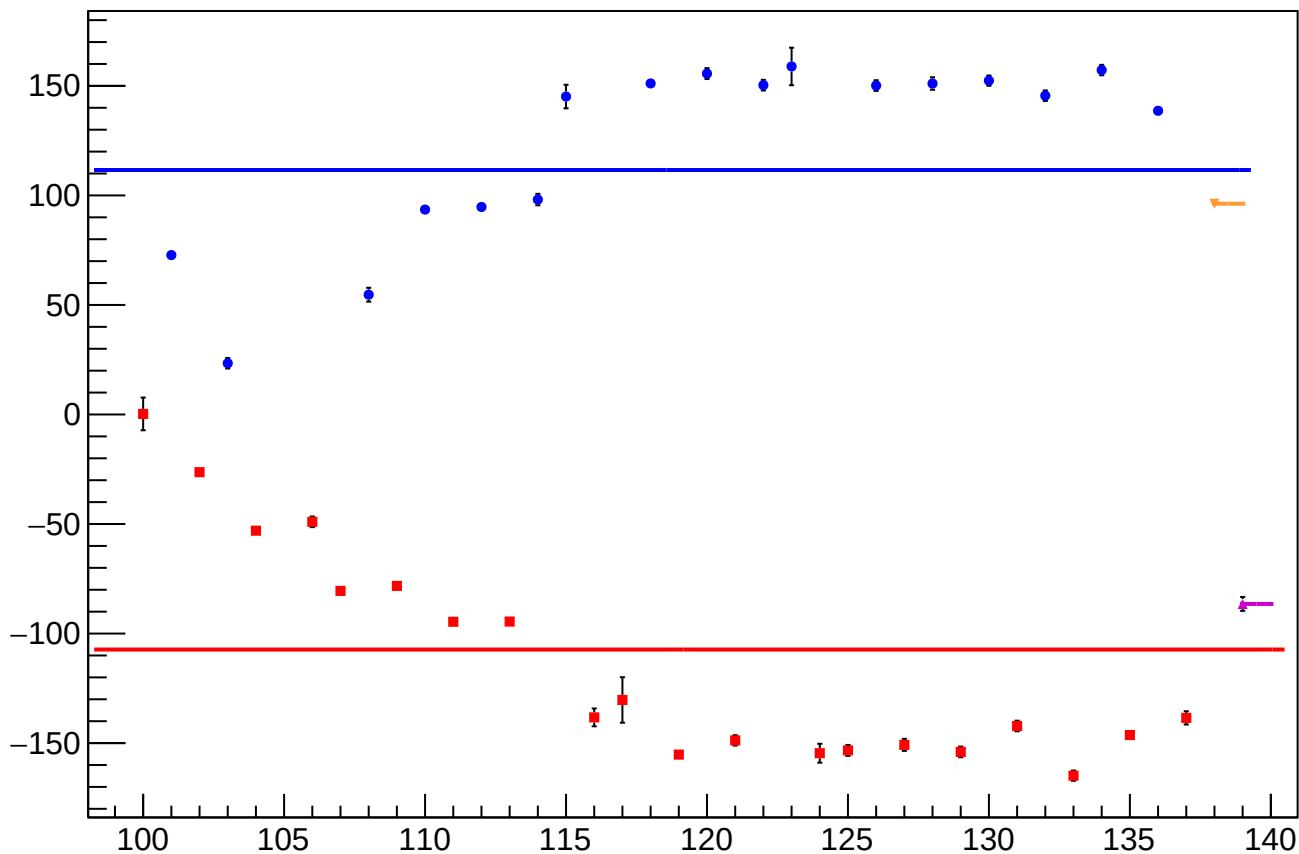
Left In: 100.087+/-2.070 χ^2/NDF : 0.0/0

-58.910+/-0.669 χ^2/NDF : 1721.3/17

3.193+/-0.472 χ^2/NDF : 20576.4/38

64.685+/-0.666 χ^2/NDF : 1716.1/20

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599+/-0.487 χ^2/NDF : 5959.5/16

Left Out: 96.209+/-1.603 χ^2/NDF : 0.0/0

Right Out: -107.289+/-0.487 χ^2/NDF : 7042.4/19

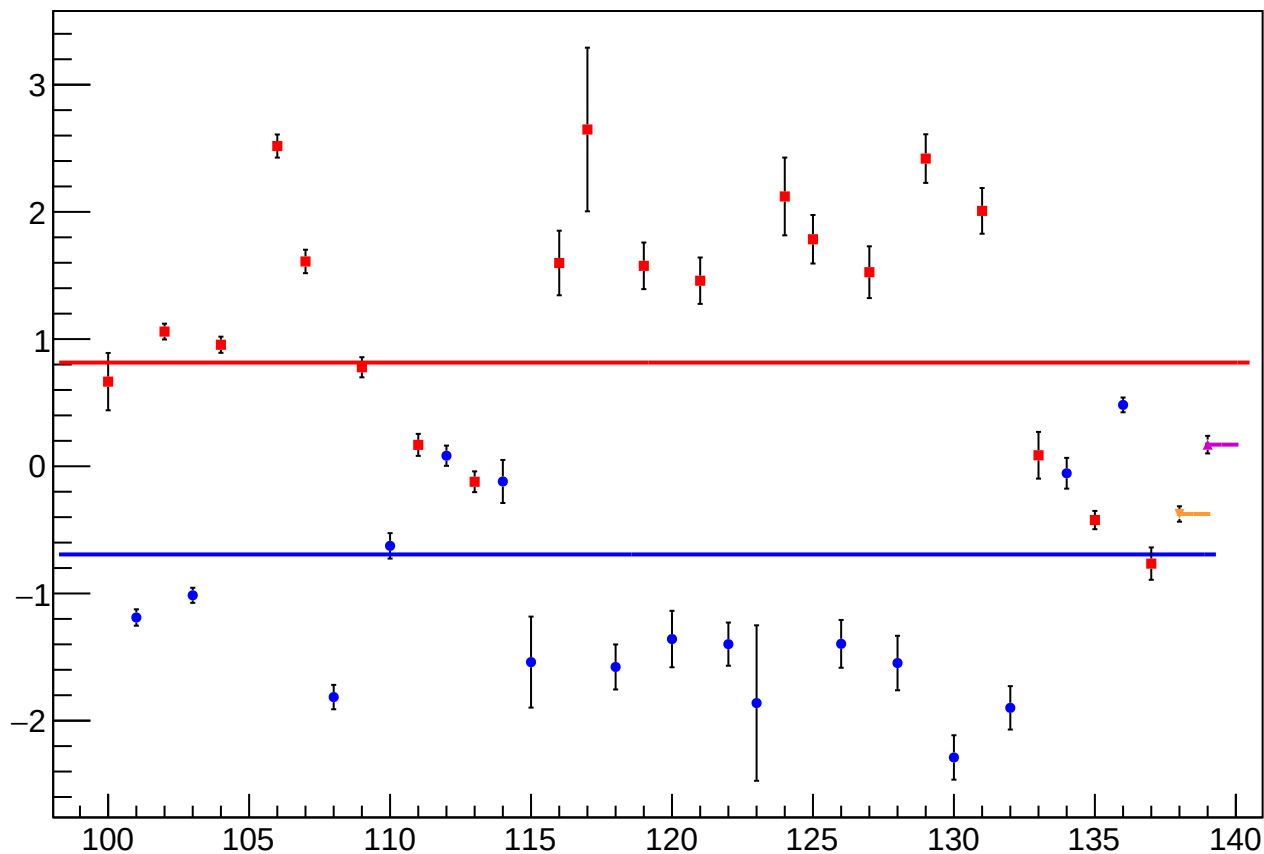
Left In: -86.475+/-3.164 χ^2/NDF : 0.0/0

110.300+/-0.466 χ^2/NDF : 6043.9/17

5.395+/-0.335 χ^2/NDF : 118201.9/38

-106.807+/-0.481 χ^2/NDF : 7084.6/20

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: 0.815+/-0.024 χ^2 /NDF: 1318.8/19

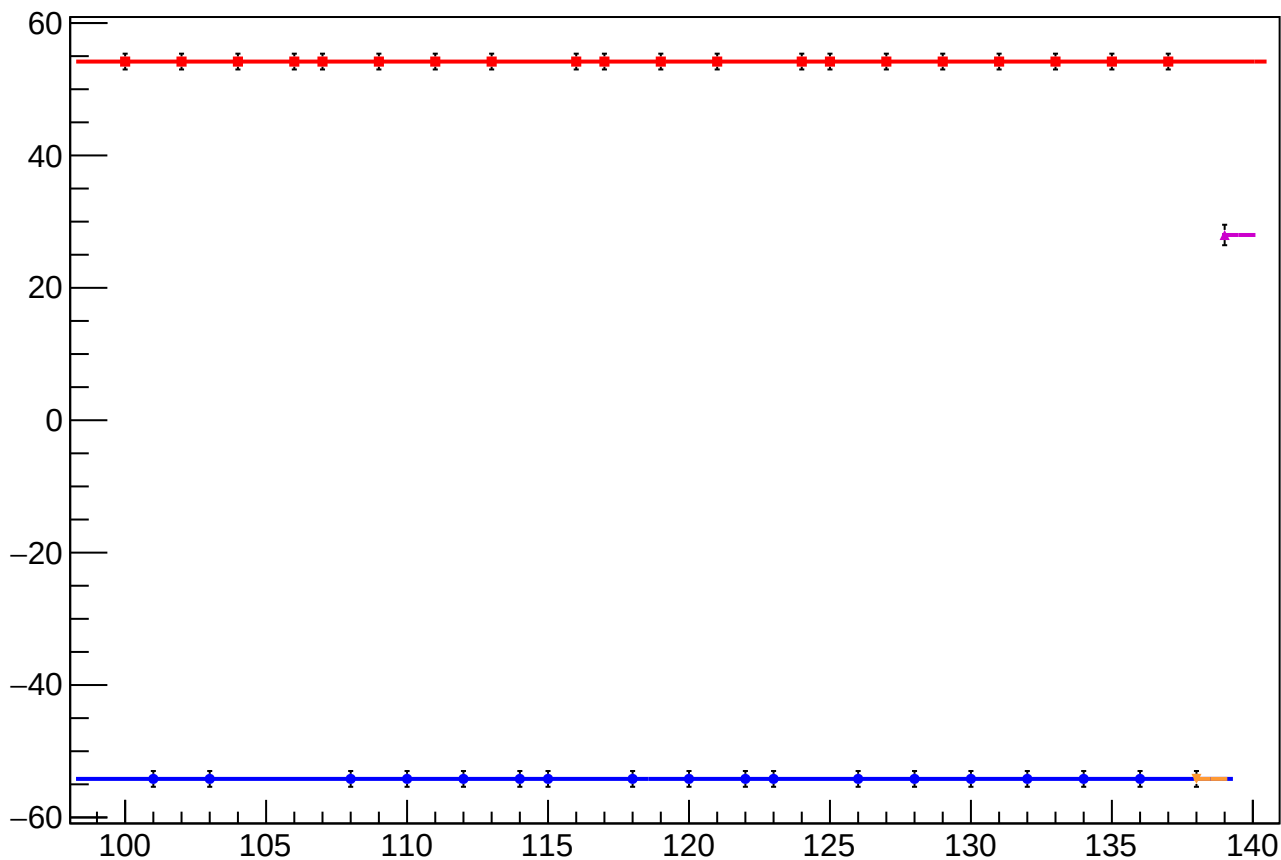
Left In: 0.170+/-0.069 χ^2 /NDF:0.0/0

-0.644+/-0.024 χ^2 /NDF: 1016.4/17

0.073+/-0.016 χ^2 /NDF: 4184.0/38

0.744+/-0.023 χ^2 /NDF: 1396.4/20

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -54.179 $\pm$ 0.289 χ^2 /NDF: 0.0/16

Left Out: -54.179 $\pm$ 1.194 χ^2 /NDF: 0.0/0

Right Out: 54.179 $\pm$ 0.267 χ^2 /NDF: 0.0/19

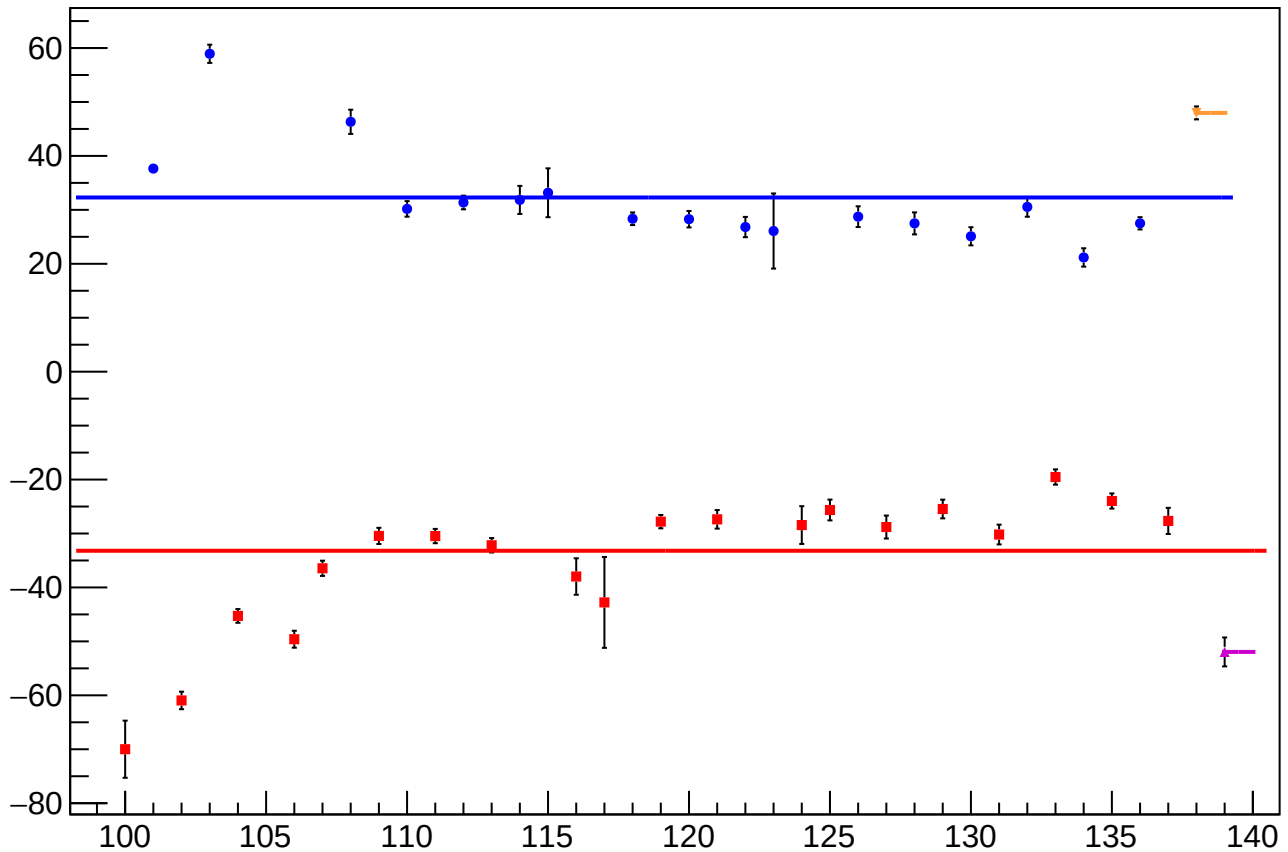
Left In: 27.985 $\pm$ 1.546 χ^2 /NDF: 0.0/0

-54.179 $\pm$ 0.281 χ^2 /NDF: 0.0/17

3.240 $\pm$ 0.192 χ^2 /NDF: 78343.3/38

53.421 $\pm$ 0.263 χ^2 /NDF: 278.7/20

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: -33.199 $\pm$ 0.379 χ^2 /NDF: 771.6/19

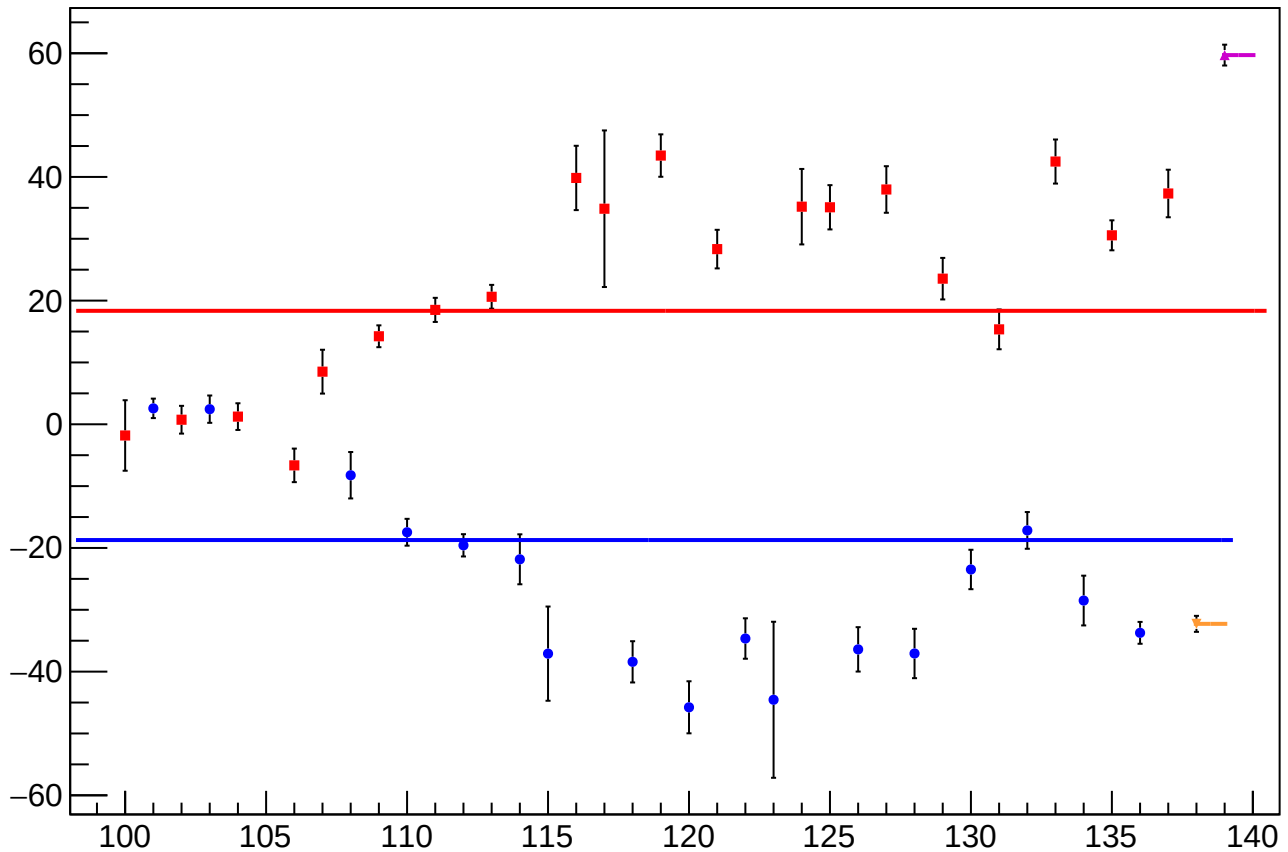
Left In: -51.953 $\pm$ 2.682 χ^2 /NDF: 0.0/0

33.665 $\pm$ 0.356 χ^2 /NDF: 606.9/17

1.792 $\pm$ 0.258 χ^2 /NDF: 18333.2/38

-33.565 $\pm$ 0.375 χ^2 /NDF: 819.5/20

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: 18.348 ± 0.643 χ^2/NDF : 474.3/19

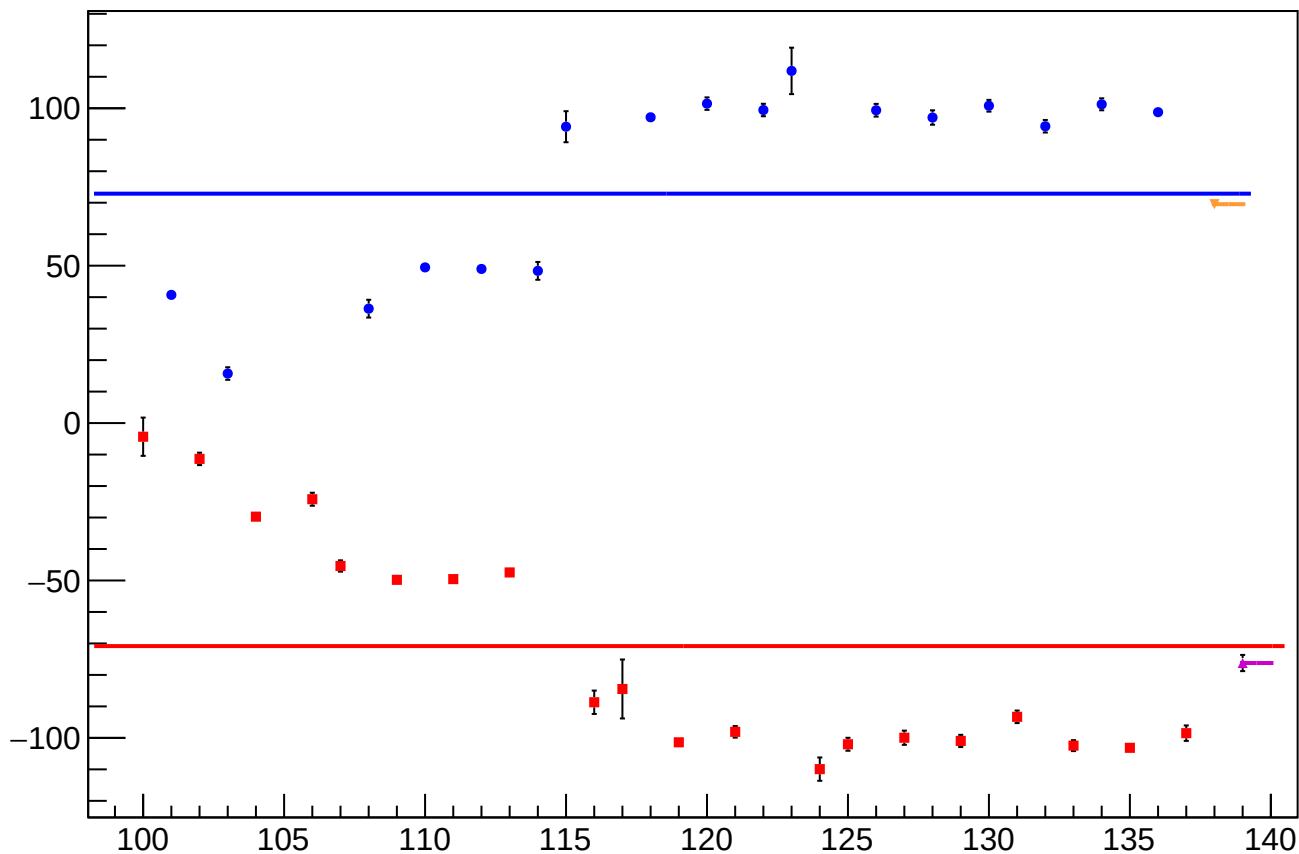
Left In: 59.703 ± 1.686 χ^2/NDF : 0.0/0

-21.555 ± 0.592 χ^2/NDF : 606.4/17

0.688 ± 0.421 χ^2/NDF : 4474.3/38

23.597 ± 0.601 χ^2/NDF : 999.7/20

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: -70.844+/-0.433 χ^2/NDF : 5491.4/19

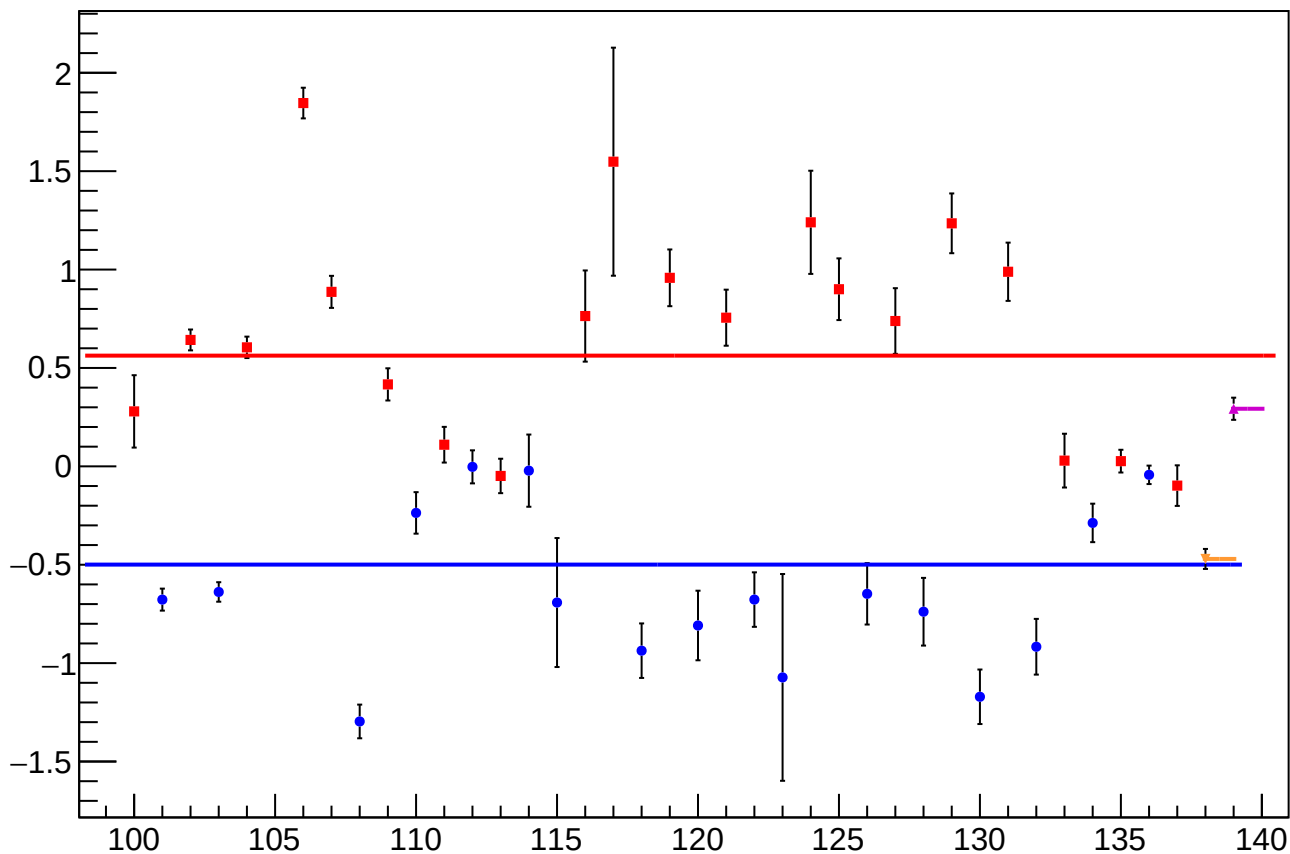
Left In: -76.219+/-2.576 χ^2/NDF : 0.0/0

72.583+/-0.407 χ^2/NDF : 4743.3/17

4.243+/-0.294 χ^2/NDF : 69542.9/38

-70.992+/-0.427 χ^2/NDF : 5495.6/20

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: 0.563 ± 0.021 χ^2/NDF : 565.2/19

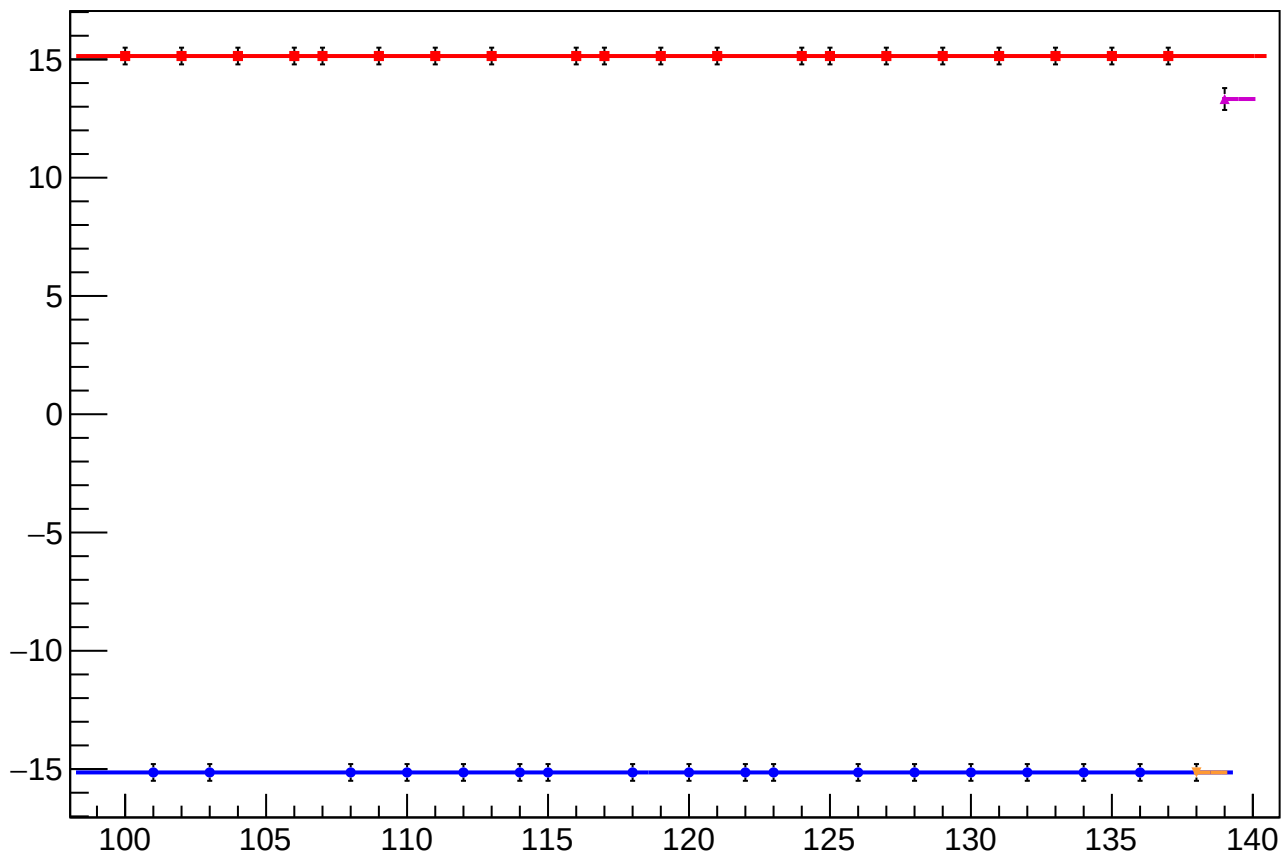
Left In: 0.293 ± 0.056 χ^2/NDF : 0.0/0

-0.495 ± 0.020 χ^2/NDF : 303.8/17

0.028 ± 0.014 χ^2/NDF : 2171.4/38

0.529 ± 0.020 χ^2/NDF : 585.3/20

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.142 ± 0.086 χ^2/NDF : 0.0/16

Left Out: -15.142 ± 0.353 χ^2/NDF : 0.0/0

Right Out: 15.142 ± 0.079 χ^2/NDF : 0.0/19

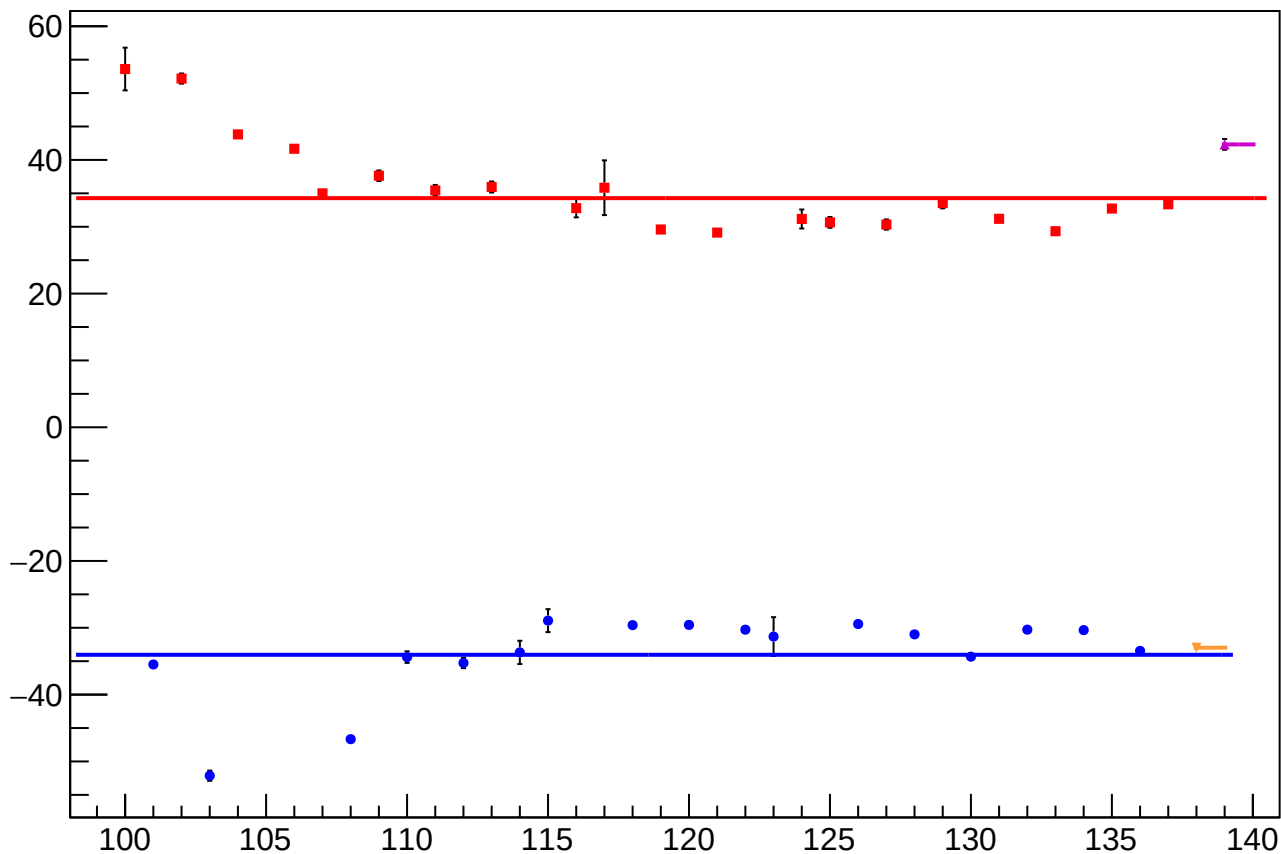
Left In: 13.325 ± 0.463 χ^2/NDF : 0.0/0

-15.142 ± 0.083 χ^2/NDF : 0.0/17

0.986 ± 0.057 χ^2/NDF : 70268.7/38

15.091 ± 0.078 χ^2/NDF : 15.0/20

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: 34.279 ± 0.151 χ^2/NDF : 1349.6/19

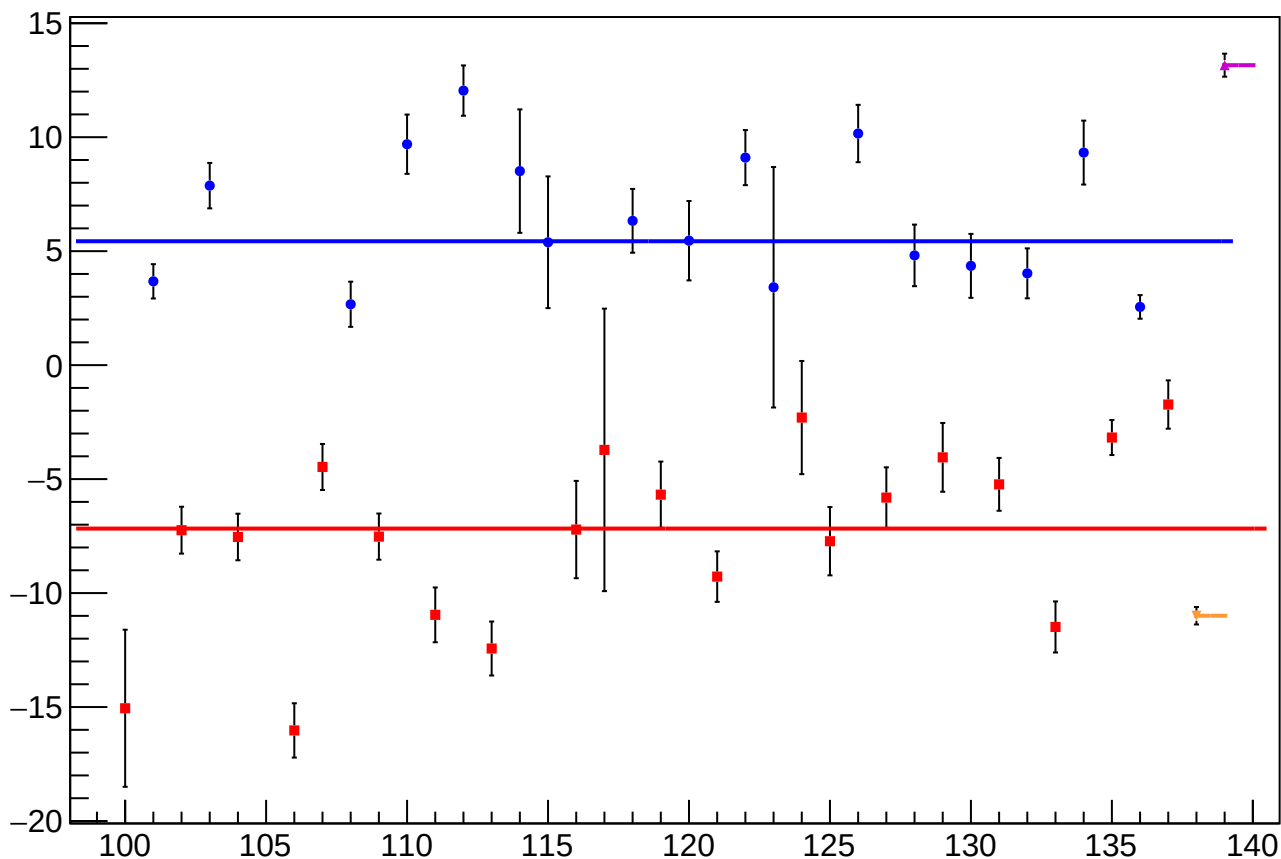
Left In: 42.321 ± 0.802 χ^2/NDF : 0.0/0

-33.886 ± 0.139 χ^2/NDF : 1348.0/17

-1.785 ± 0.101 χ^2/NDF : 116134.4/38

34.553 ± 0.148 χ^2/NDF : 1446.7/20

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -10.994 ± 0.383 χ^2/NDF : 0.0/0

Right Out: -7.171 ± 0.274 χ^2/NDF : 182.9/19

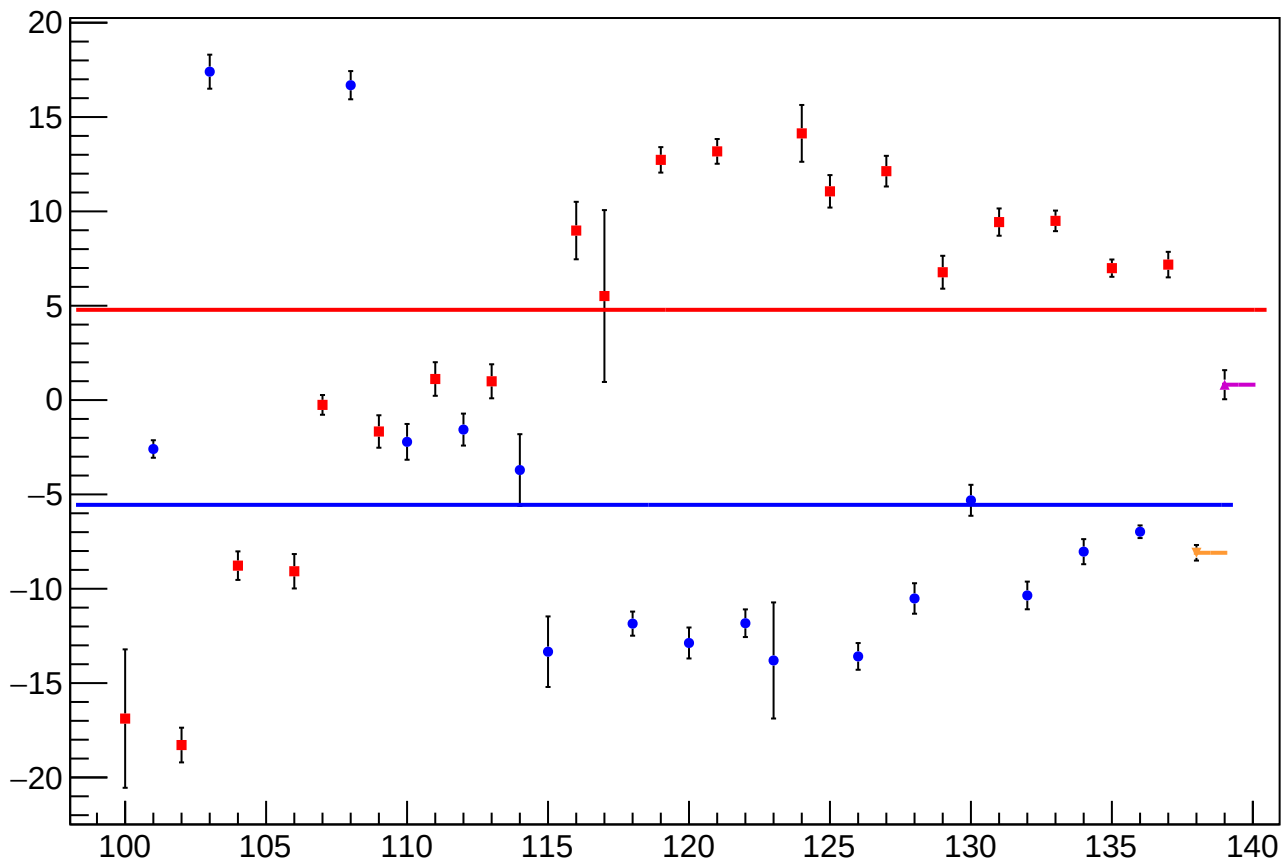
Left In: 13.160 ± 0.505 χ^2/NDF : 0.0/0

-0.002 ± 0.220 χ^2/NDF : 1361.1/17

-1.161 ± 0.163 χ^2/NDF : 2858.5/38

-2.544 ± 0.241 χ^2/NDF : 1436.8/20

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: 4.783 ± 0.173 χ^2/NDF : 2040.4/19

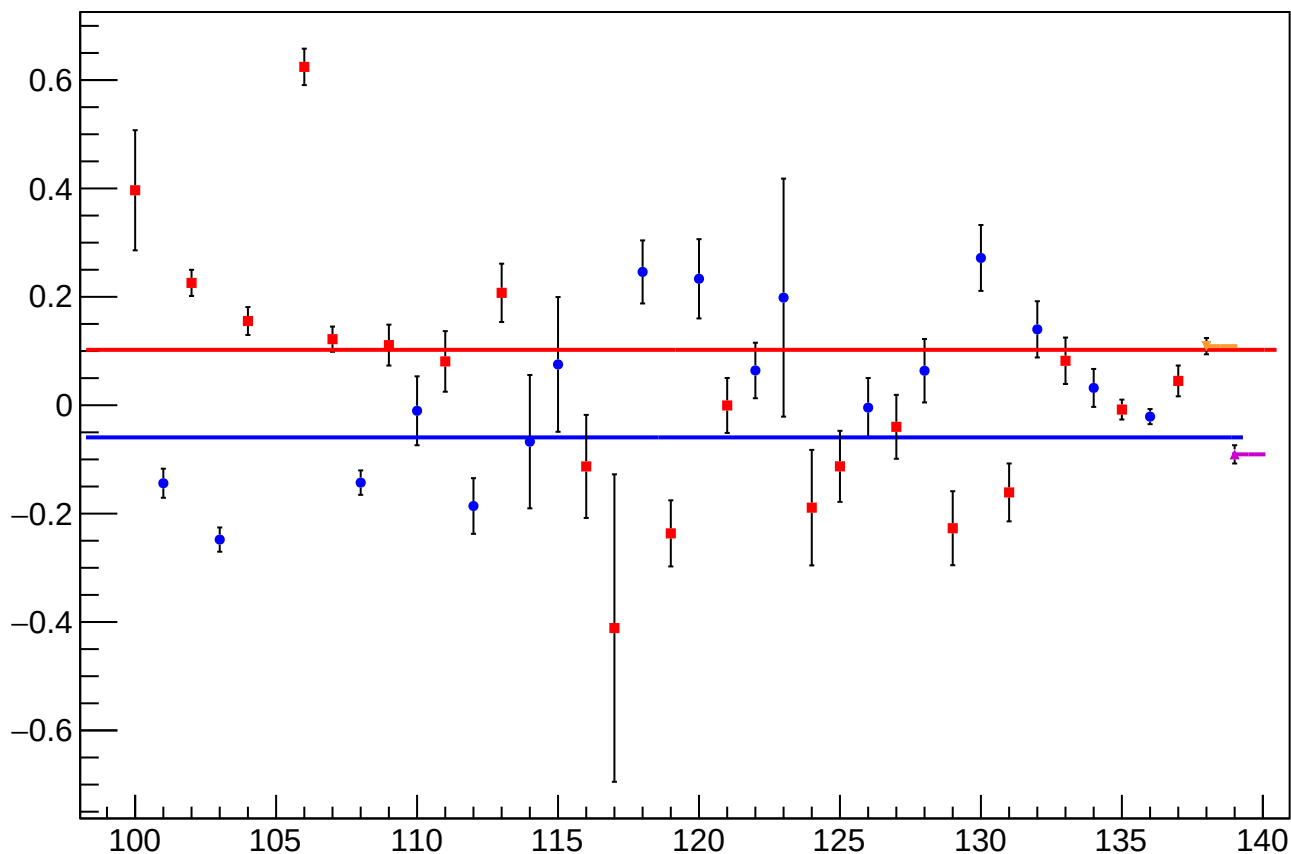
Left In: 0.815 ± 0.770 χ^2/NDF : 0.0/0

-5.921 ± 0.157 χ^2/NDF : 2157.6/17

-1.031 ± 0.115 χ^2/NDF : 6305.9/38

4.593 ± 0.169 χ^2/NDF : 2065.7/20

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: 0.102 ± 0.008 χ^2/NDF : 438.8/19

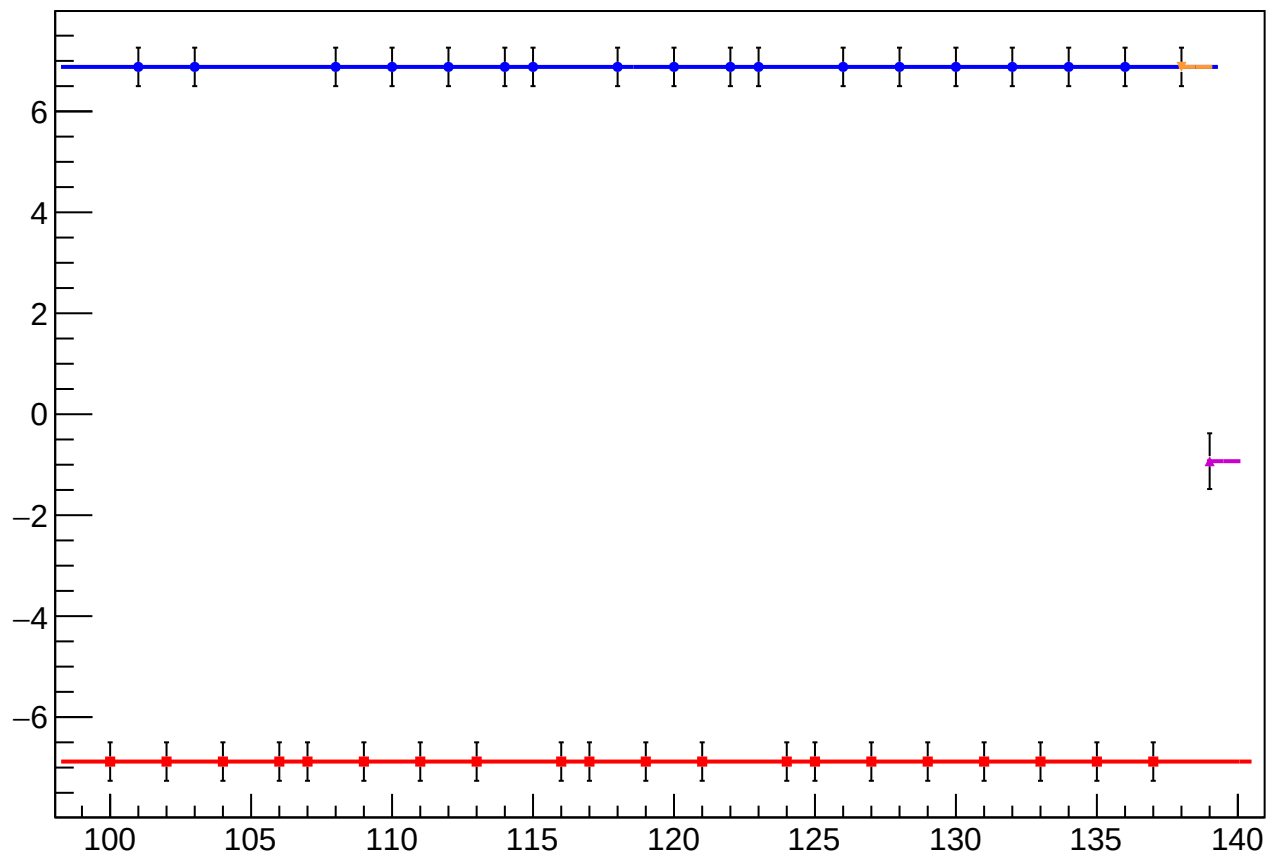
Left In: -0.091 ± 0.017 χ^2/NDF : 0.0/0

-0.019 ± 0.007 χ^2/NDF : 313.5/17

0.021 ± 0.005 χ^2/NDF : 919.5/38

0.064 ± 0.008 χ^2/NDF : 543.7/20

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.881+/-0.092 χ^2/NDF : 0.0/16

Left Out: 6.881+/-0.381 χ^2/NDF : 0.0/0

Right Out: -6.881+/-0.085 χ^2/NDF : 0.0/19

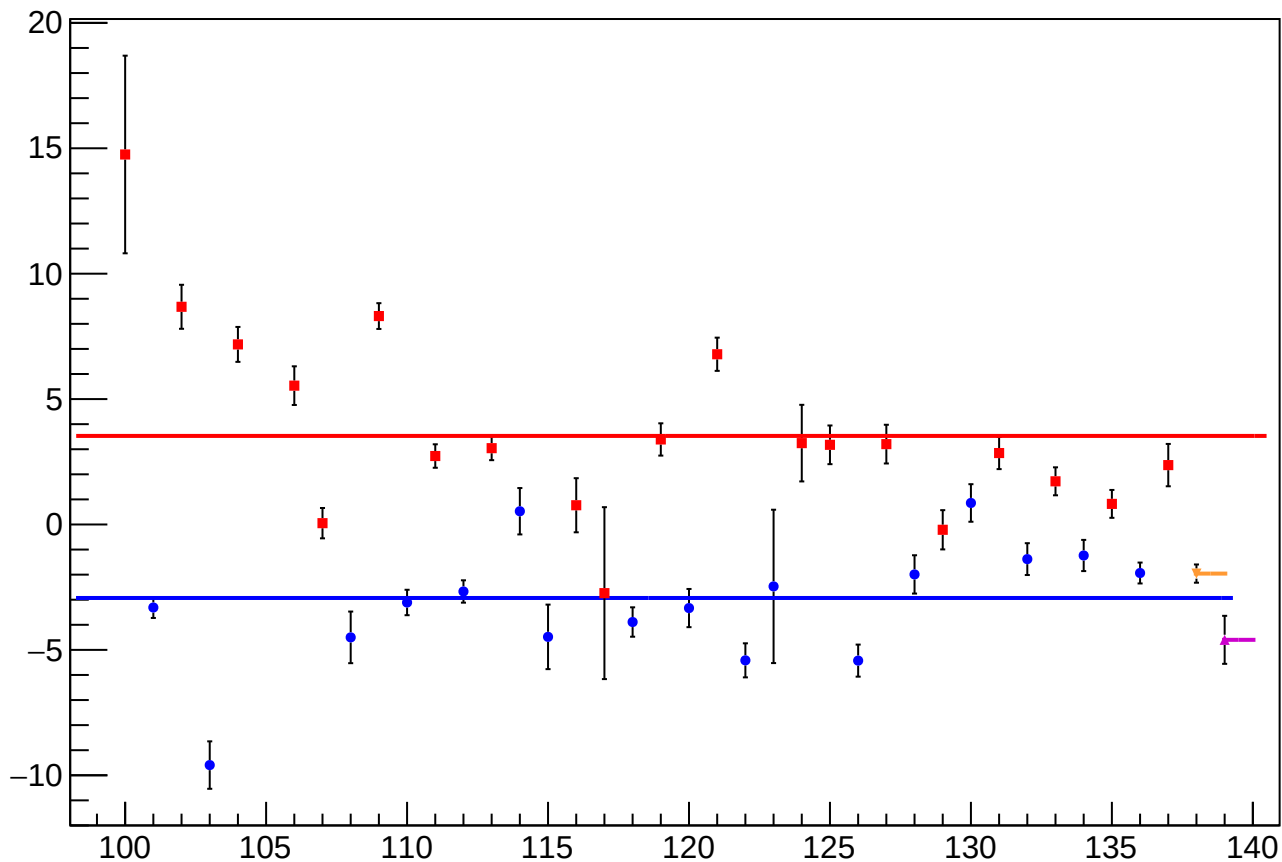
Left In: -0.930+/-0.552 χ^2/NDF : 0.0/0

6.881+/-0.090 χ^2/NDF : 0.0/17

-0.369+/-0.061 χ^2/NDF : 12357.6/38

-6.743+/-0.084 χ^2/NDF : 113.5/20

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: 3.531 ± 0.154 χ^2/NDF : 295.0/19

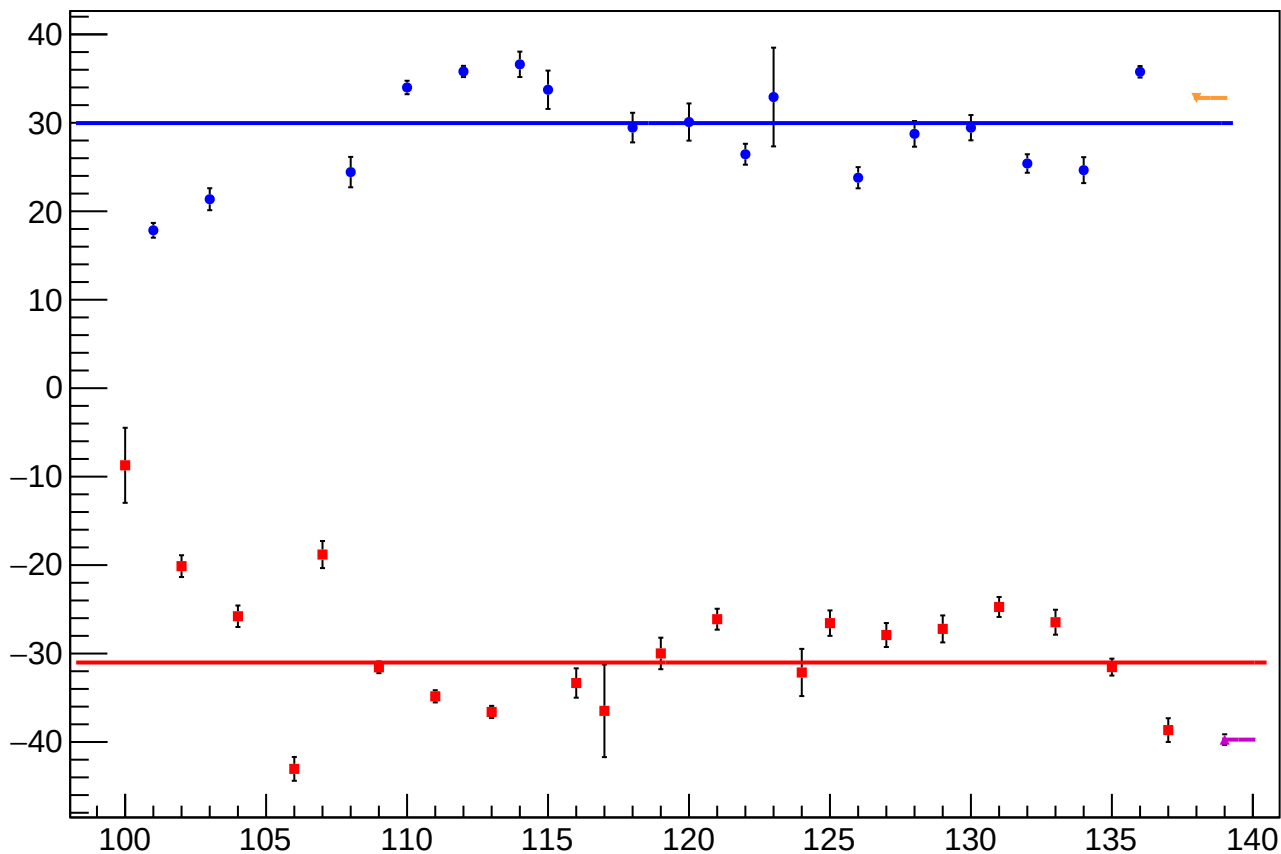
Left In: -4.599 ± 0.957 χ^2/NDF : 0.0/0

-2.783 ± 0.142 χ^2/NDF : 152.6/17

0.049 ± 0.104 χ^2/NDF : 1378.4/38

3.325 ± 0.152 χ^2/NDF : 365.3/20

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 32.812 $\pm$ 0.413 χ^2 /NDF: 0.0/0

Right Out: -31.013 $\pm$ 0.260 χ^2 /NDF: 480.6/19

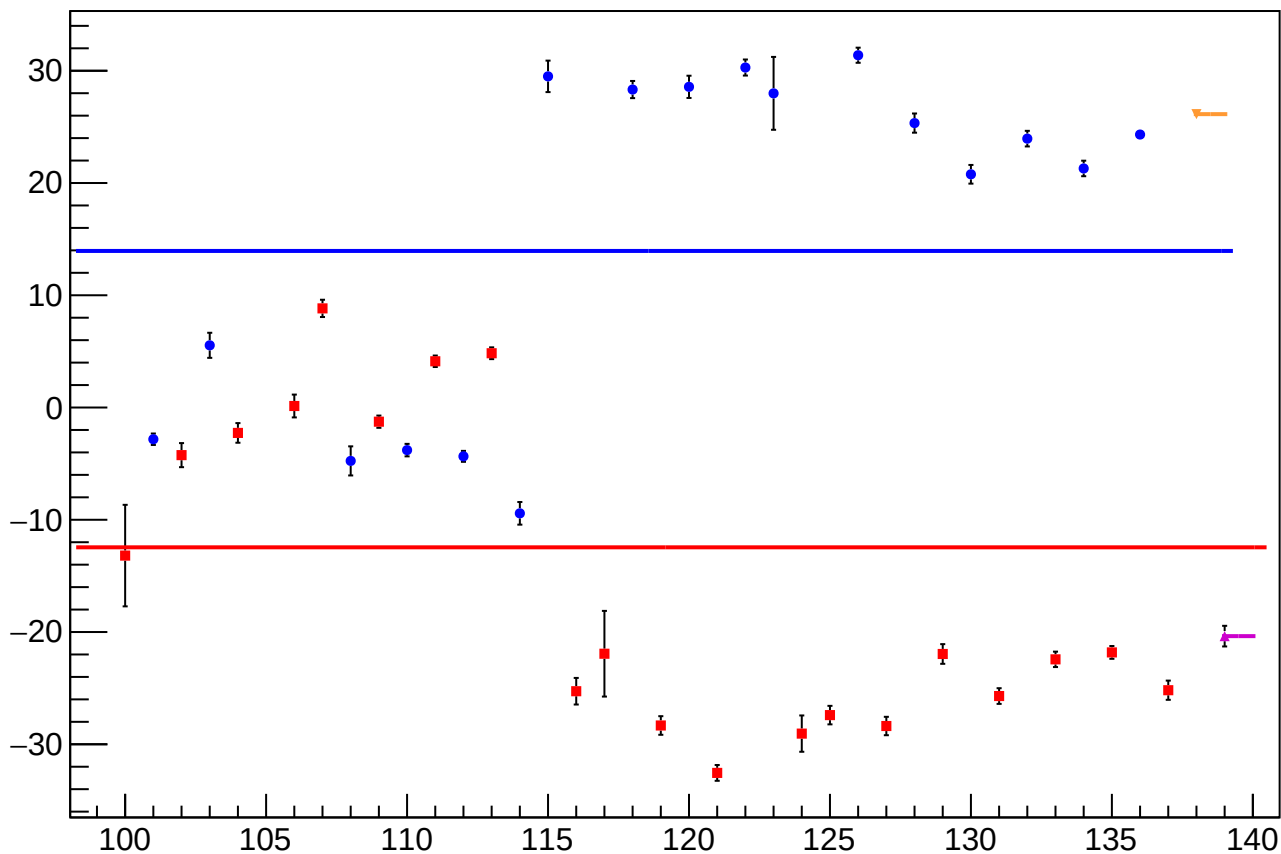
Left In: -39.731 $\pm$ 0.602 χ^2 /NDF: 0.0/0

30.806 $\pm$ 0.224 χ^2 /NDF: 587.8/17

1.174 $\pm$ 0.163 χ^2 /NDF: 38548.1/38

-32.380 $\pm$ 0.238 χ^2 /NDF: 657.4/20

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948 ± 0.172 $\chi^2/\text{NDF}: 7391.9/16$

Left Out: 26.135 ± 0.421 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.455 ± 0.173 $\chi^2/\text{NDF}: 6969.0/19$

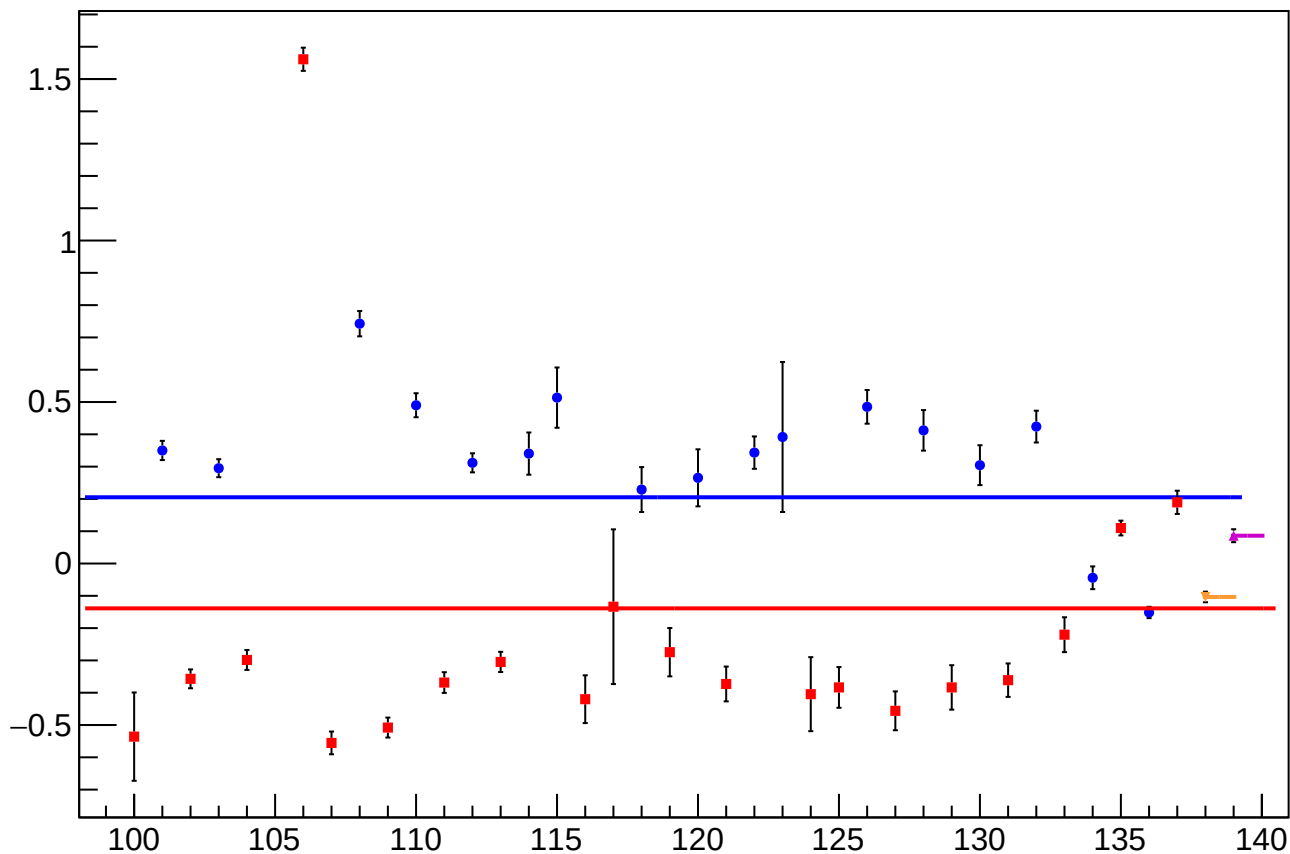
Left In: -20.366 ± 0.919 $\chi^2/\text{NDF}: 0.0/0$

15.689 ± 0.159 $\chi^2/\text{NDF}: 8109.5/17$

2.453 ± 0.116 $\chi^2/\text{NDF}: 29990.1/38$

-12.727 ± 0.170 $\chi^2/\text{NDF}: 7040.5/20$

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.2/16

Left Out: -0.103 ± 0.016 χ^2/NDF : 0.0/0

Right Out: -0.139 ± 0.009 χ^2/NDF : 3016.8/19

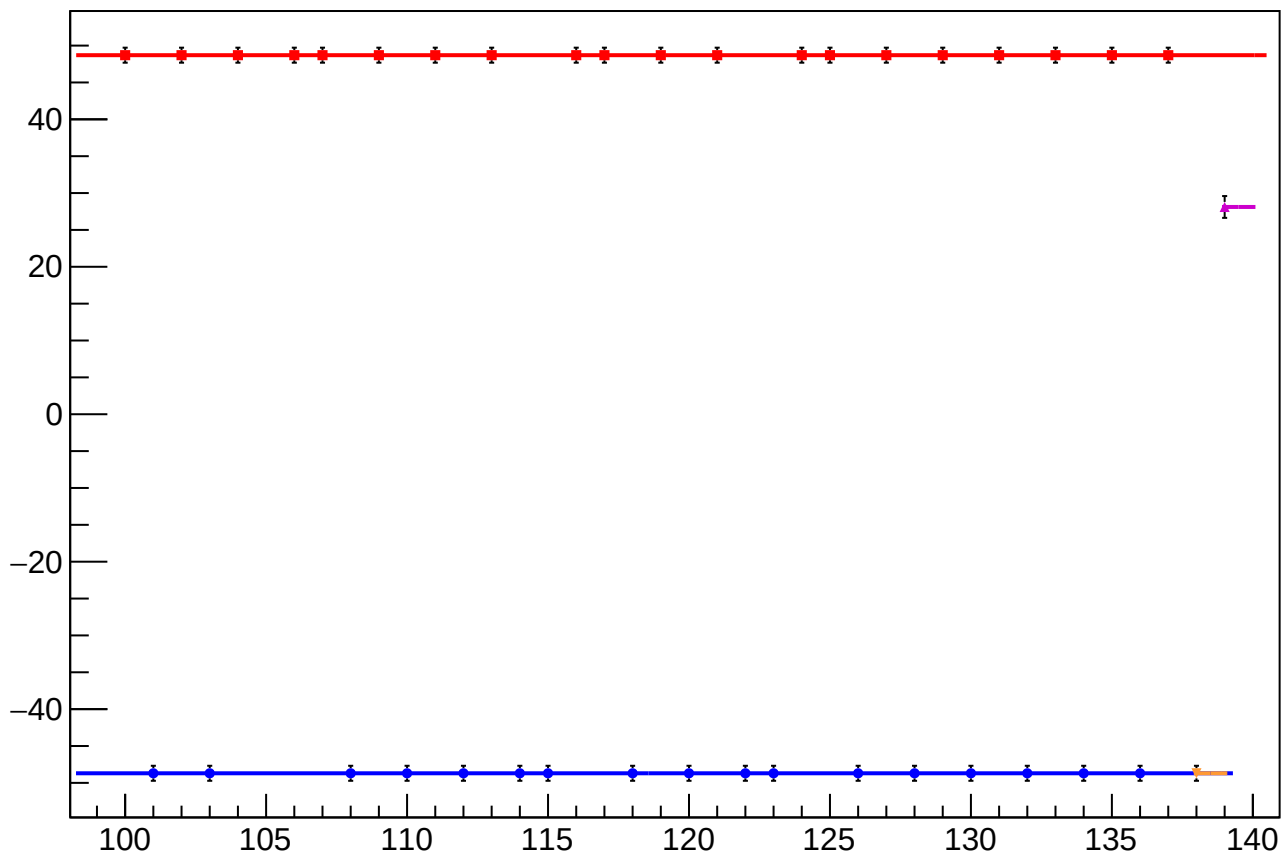
Left In: 0.086 ± 0.020 χ^2/NDF : 0.0/0

0.130 ± 0.008 χ^2/NDF : 1112.2/17

0.018 ± 0.006 χ^2/NDF : 4620.1/38

-0.100 ± 0.008 χ^2/NDF : 3120.5/20

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -48.699 $\pm$ 0.247 χ^2 /NDF: 0.0/16

Left Out: -48.699 $\pm$ 1.019 χ^2 /NDF: 0.0/0

Right Out: 48.699 $\pm$ 0.228 χ^2 /NDF: 0.0/19

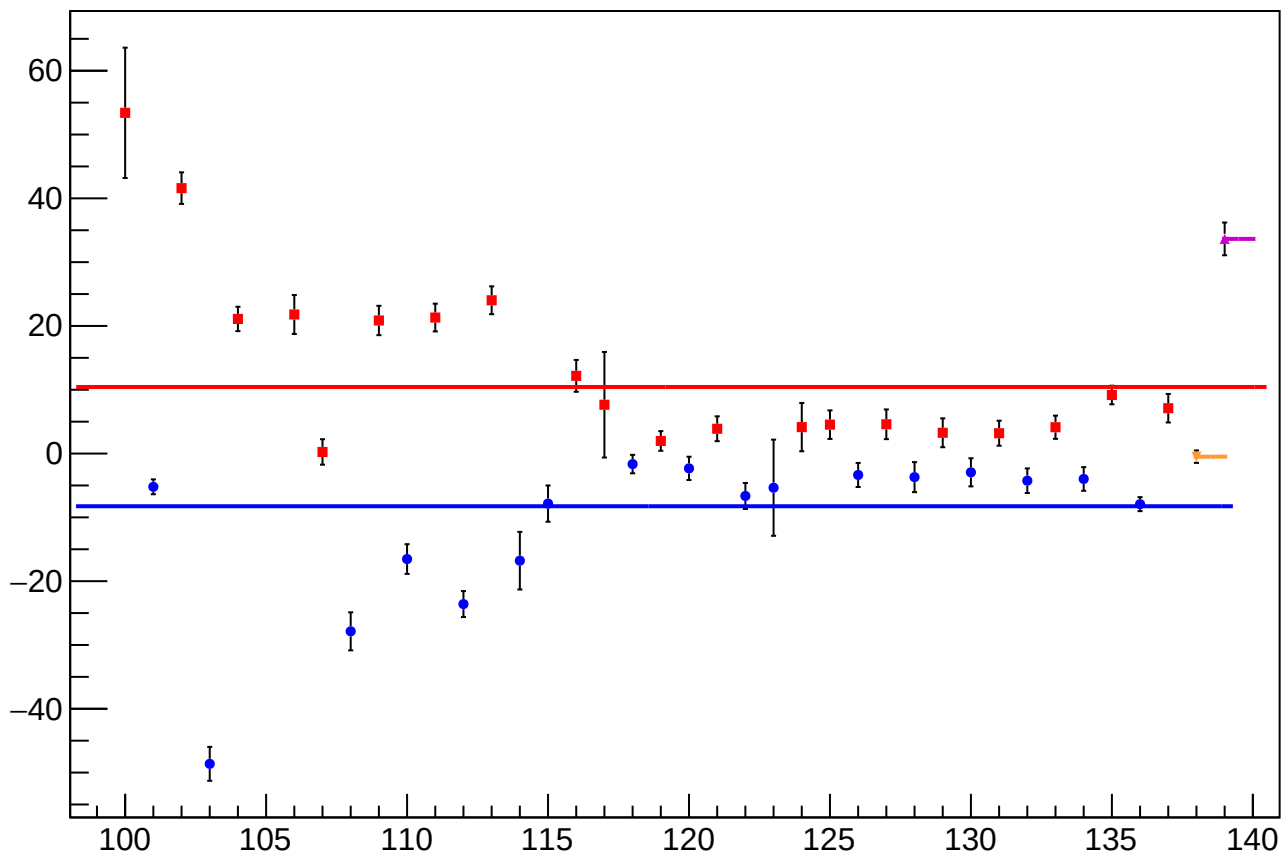
Left In: 28.114 $\pm$ 1.479 χ^2 /NDF: 0.0/0

-48.699 $\pm$ 0.240 χ^2 /NDF: 0.0/17

2.878 $\pm$ 0.164 χ^2 /NDF: 86800.8/38

48.222 $\pm$ 0.225 χ^2 /NDF: 189.2/20

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257+/-0.462 χ^2/NDF : 412.1/16

Left Out: -0.487+/-0.977 χ^2/NDF : 0.0/0

Right Out: 10.437+/-0.490 χ^2/NDF : 428.5/19

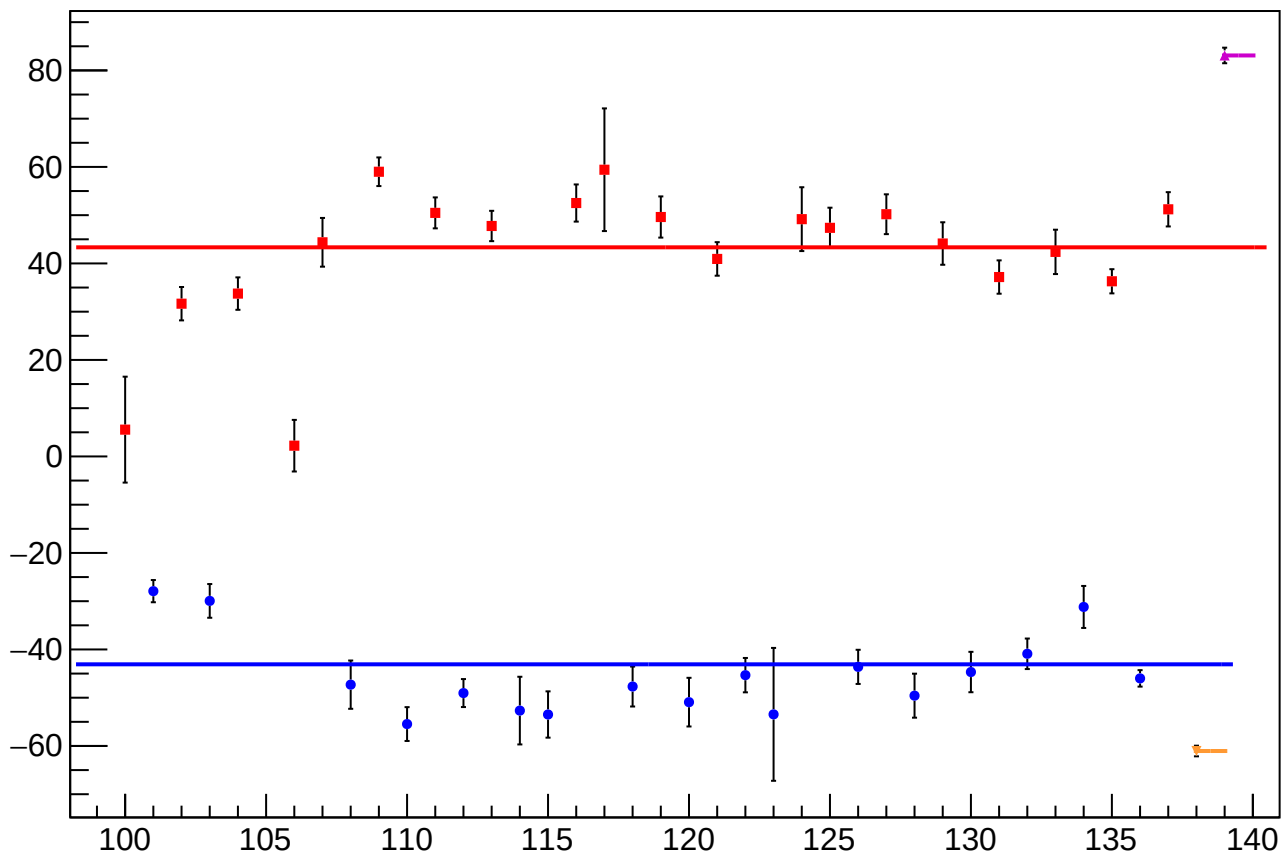
Left In: 33.644+/-2.565 χ^2/NDF : 0.0/0

-6.836+/-0.418 χ^2/NDF : 463.8/17

0.930+/-0.316 χ^2/NDF : 1776.5/38

11.255+/-0.482 χ^2/NDF : 507.5/20

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: 43.337 ± 0.864 χ^2/NDF : 155.8/19

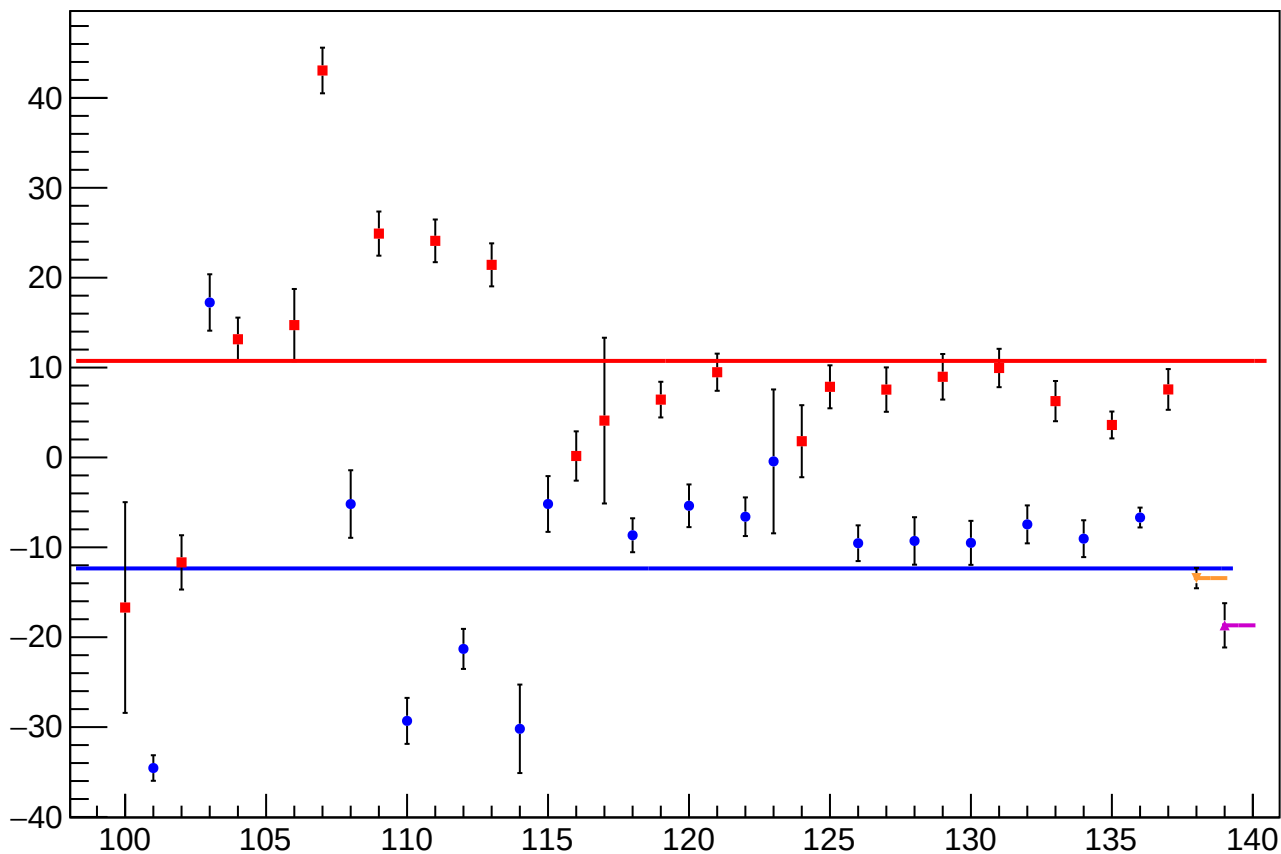
Left In: 83.100 ± 1.613 χ^2/NDF : 0.0/0

-49.608 ± 0.666 χ^2/NDF : 267.6/17

-5.528 ± 0.501 χ^2/NDF : 11023.1/38

52.211 ± 0.762 χ^2/NDF : 628.0/20

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348 $\pm$ 0.520 χ^2 /NDF: 475.9/16

Left Out: -13.424 $\pm$ 1.132 χ^2 /NDF: 0.0/0

Right Out: 10.741 $\pm$ 0.553 χ^2 /NDF: 367.2/19

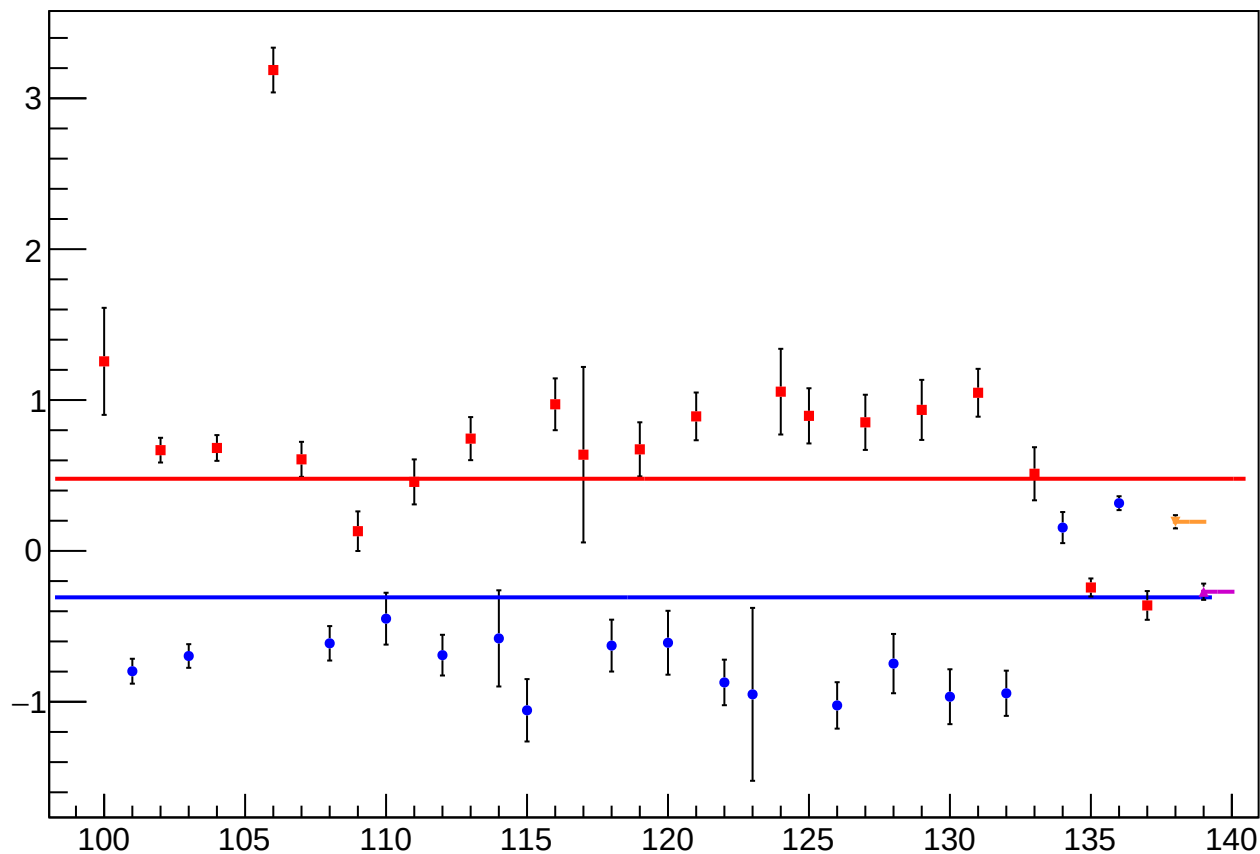
Left In: -18.679 $\pm$ 2.464 χ^2 /NDF: 0.0/0

-12.535 $\pm$ 0.472 χ^2 /NDF: 476.7/17

-3.043 $\pm$ 0.355 χ^2 /NDF: 1910.3/38

9.331 $\pm$ 0.539 χ^2 /NDF: 502.9/20

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 ± 0.028 χ^2/NDF : 631.3/19

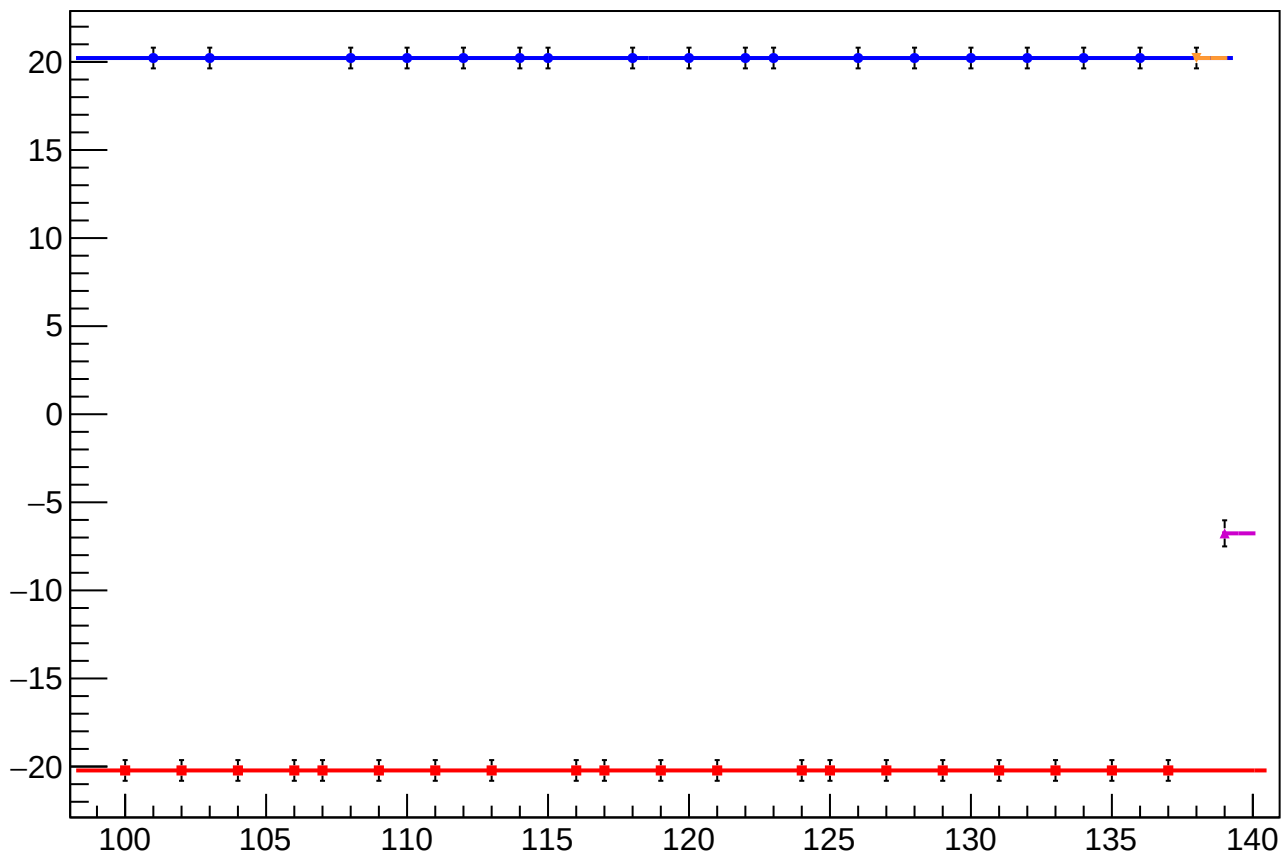
Left In: -0.271 ± 0.054 χ^2/NDF : 0.0/0

-0.167 ± 0.023 χ^2/NDF : 465.5/17

0.055 ± 0.017 χ^2/NDF : 1444.6/38

0.314 ± 0.025 χ^2/NDF : 782.3/20

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

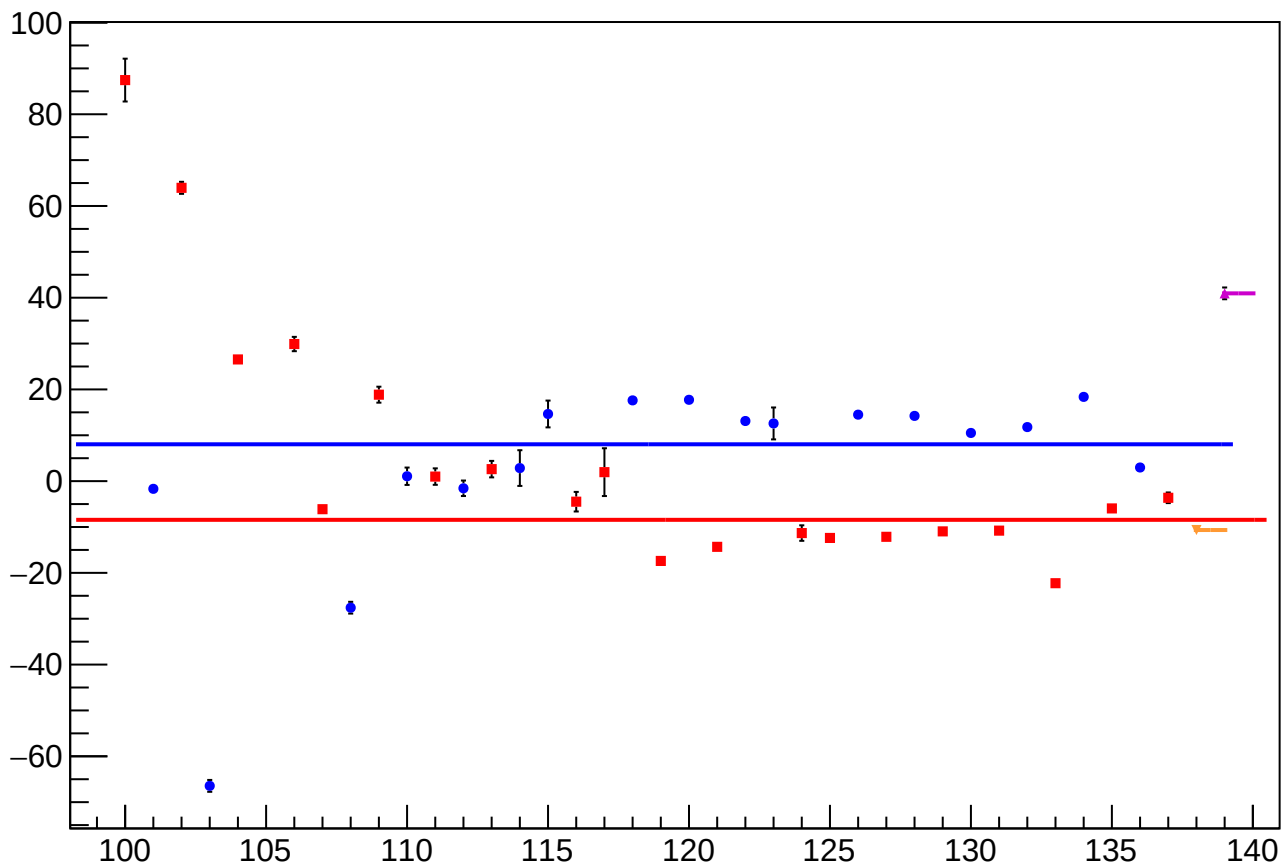


20.221 $\pm$ 0.139 χ^2 /NDF: 0.0/17

-1.157 $\pm$ 0.095 χ^2 /NDF: 44903.5/38

-19.811 $\pm$ 0.129 χ^2 /NDF: 319.8/20

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 ± 0.215 χ^2/NDF : 5369.4/16

Left Out: -10.659 ± 0.597 χ^2/NDF : 0.0/0

Right Out: -8.437 ± 0.213 χ^2/NDF : 6708.4/19

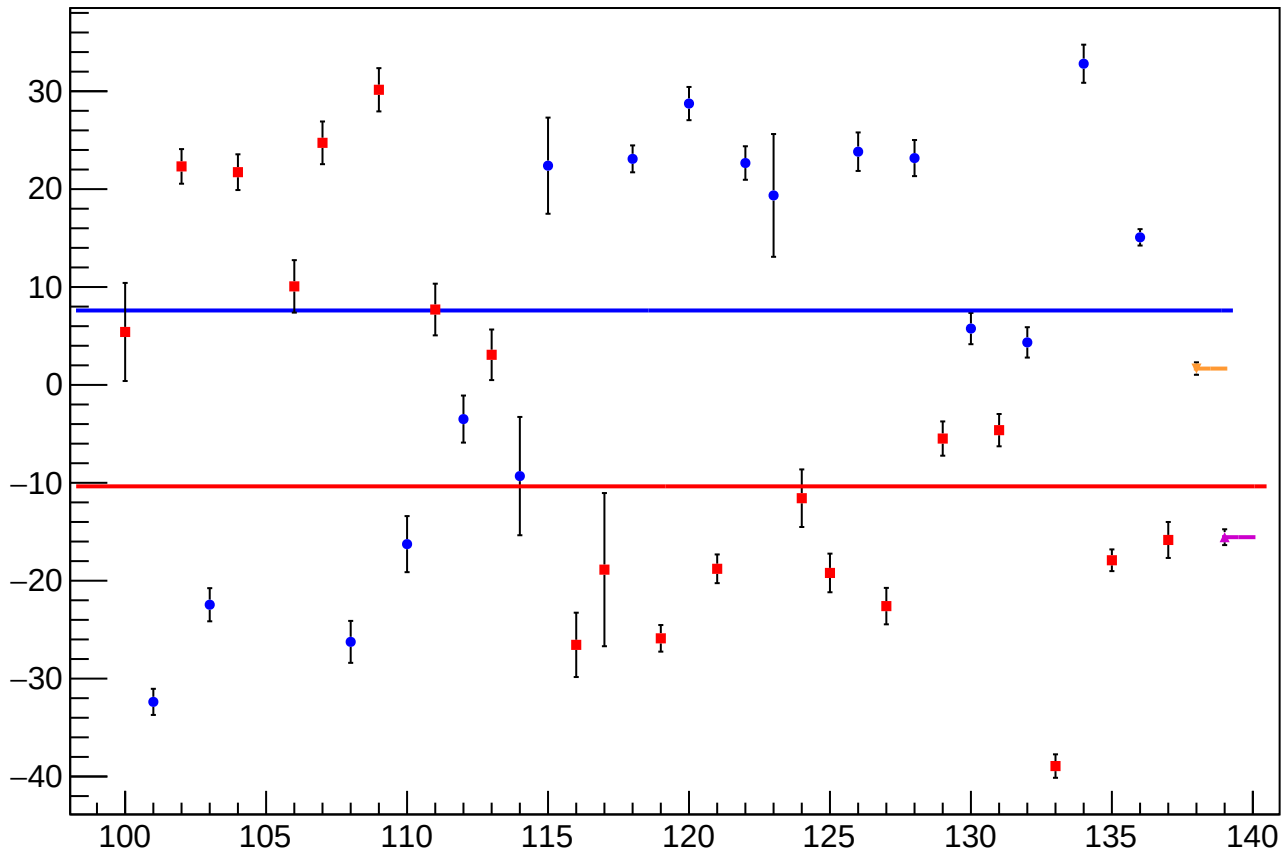
Left In: 40.946 ± 1.285 χ^2/NDF : 0.0/0

5.887 ± 0.202 χ^2/NDF : 6237.3/17

-0.364 ± 0.146 χ^2/NDF : 16367.3/38

-7.114 ± 0.210 χ^2/NDF : 8146.2/20

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: -10.362 ± 0.416 $\chi^2/\text{NDF}: 2283.0/19$

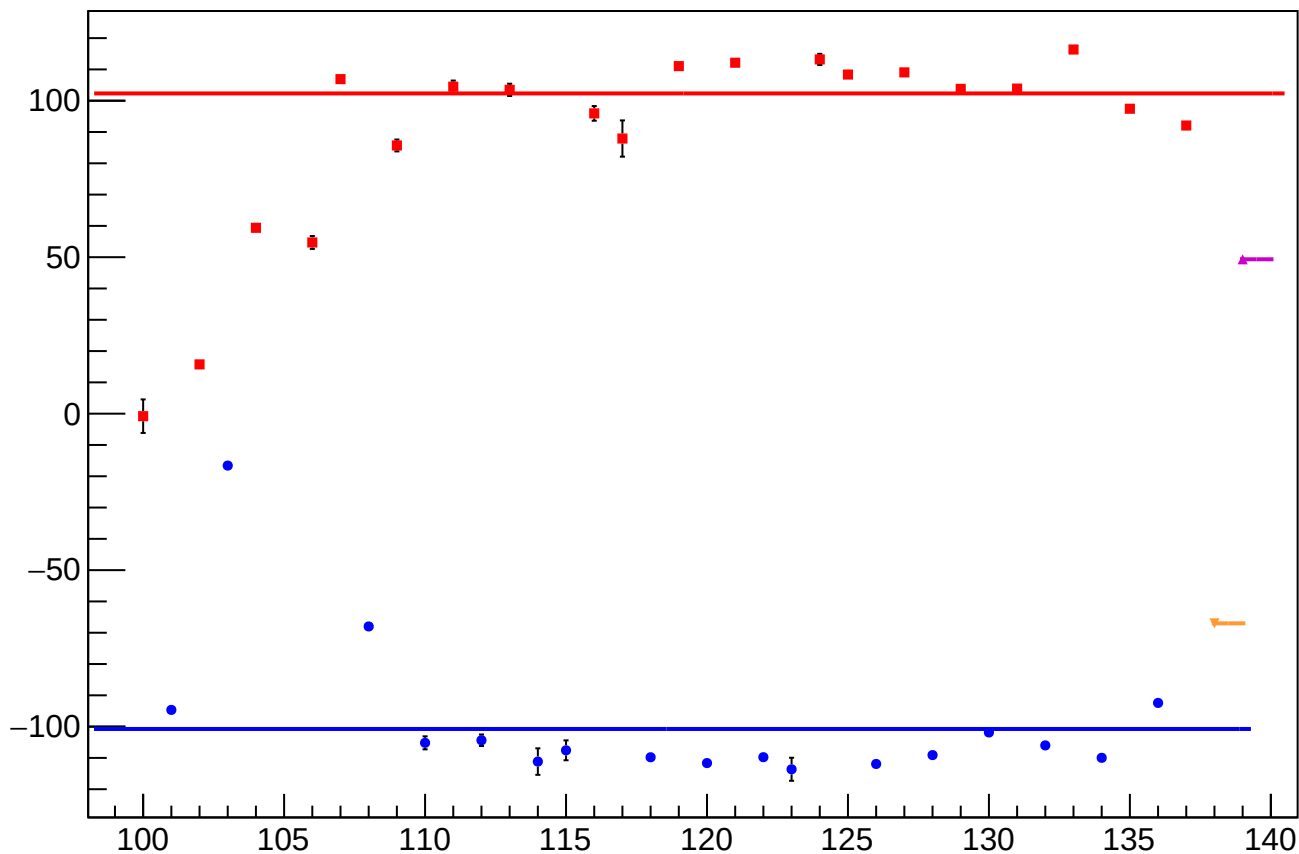
Left In: -15.553 ± 0.808 $\chi^2/\text{NDF}: 0.0/0$

5.832 ± 0.348 $\chi^2/\text{NDF}: 2385.8/17$

-2.290 ± 0.254 $\chi^2/\text{NDF}: 5859.1/38$

-11.449 ± 0.370 $\chi^2/\text{NDF}: 2315.7/20$

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: 102.328 ± 0.246 χ^2/NDF : 6085.1/19

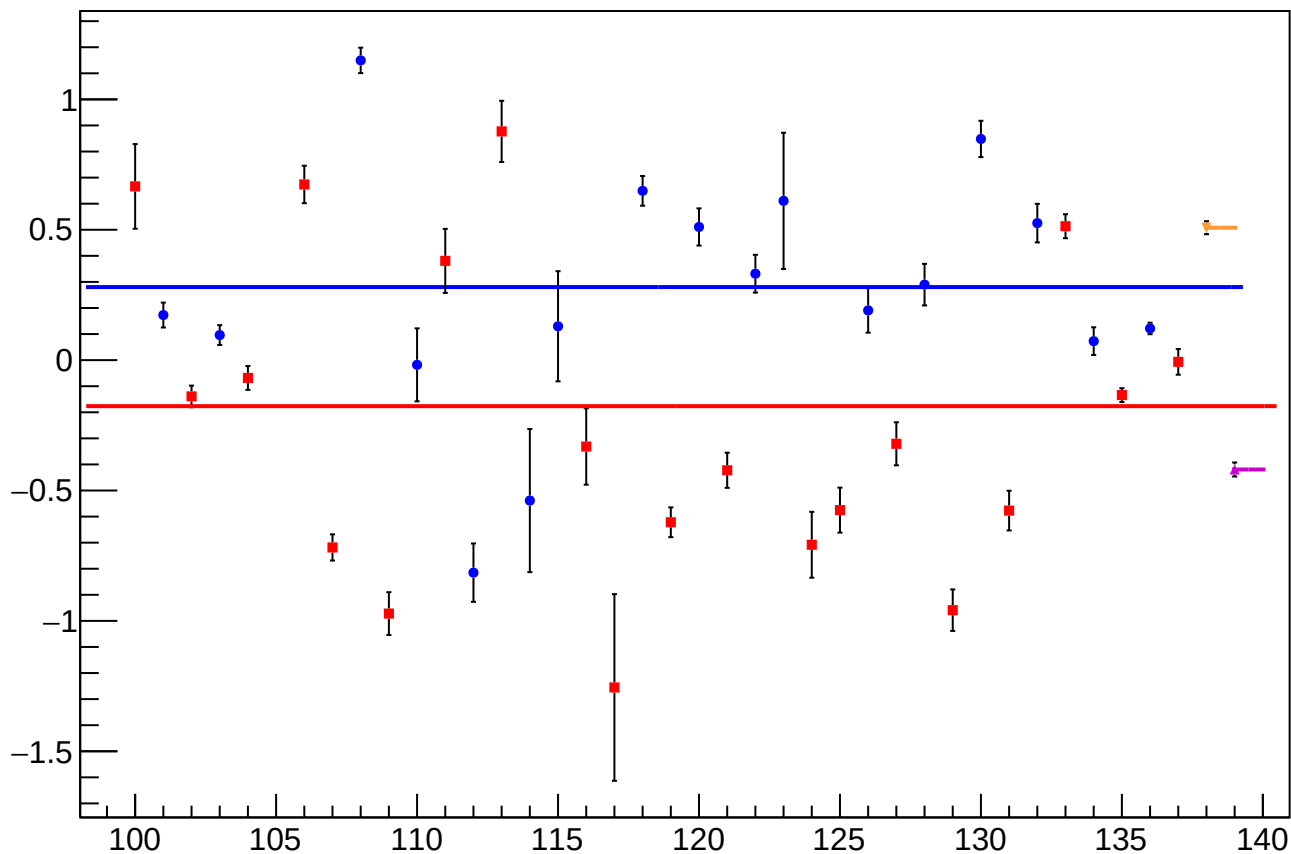
Left In: 49.333 ± 1.234 χ^2/NDF : 0.0/0

-96.797 ± 0.233 χ^2/NDF : 6692.9/17

-1.668 ± 0.168 χ^2/NDF : 359860.6/38

100.302 ± 0.241 χ^2/NDF : 7858.9/20

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.0/16

Left Out: 0.508 ± 0.025 χ^2/NDF : 0.0/0

Right Out: -0.177 ± 0.013 χ^2/NDF : 975.8/19

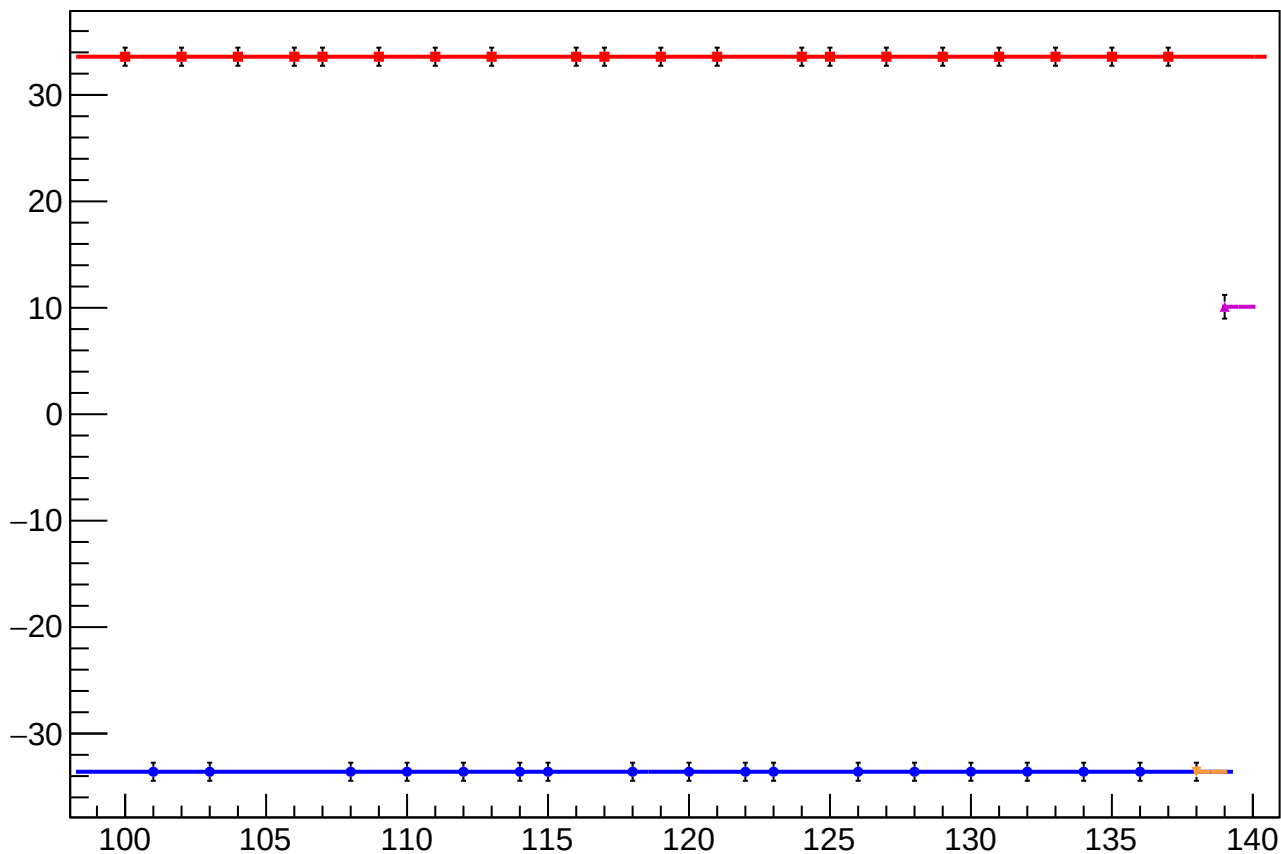
Left In: -0.419 ± 0.027 χ^2/NDF : 0.0/0

0.331 ± 0.012 χ^2/NDF : 720.2/17

0.057 ± 0.008 χ^2/NDF : 2845.0/38

-0.225 ± 0.012 χ^2/NDF : 1040.7/20

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.592 ± 0.206 χ^2/NDF : 0.0/16

Left Out: -33.592 ± 0.850 χ^2/NDF : 0.0/0

Right Out: 33.592 ± 0.190 χ^2/NDF : 0.0/19

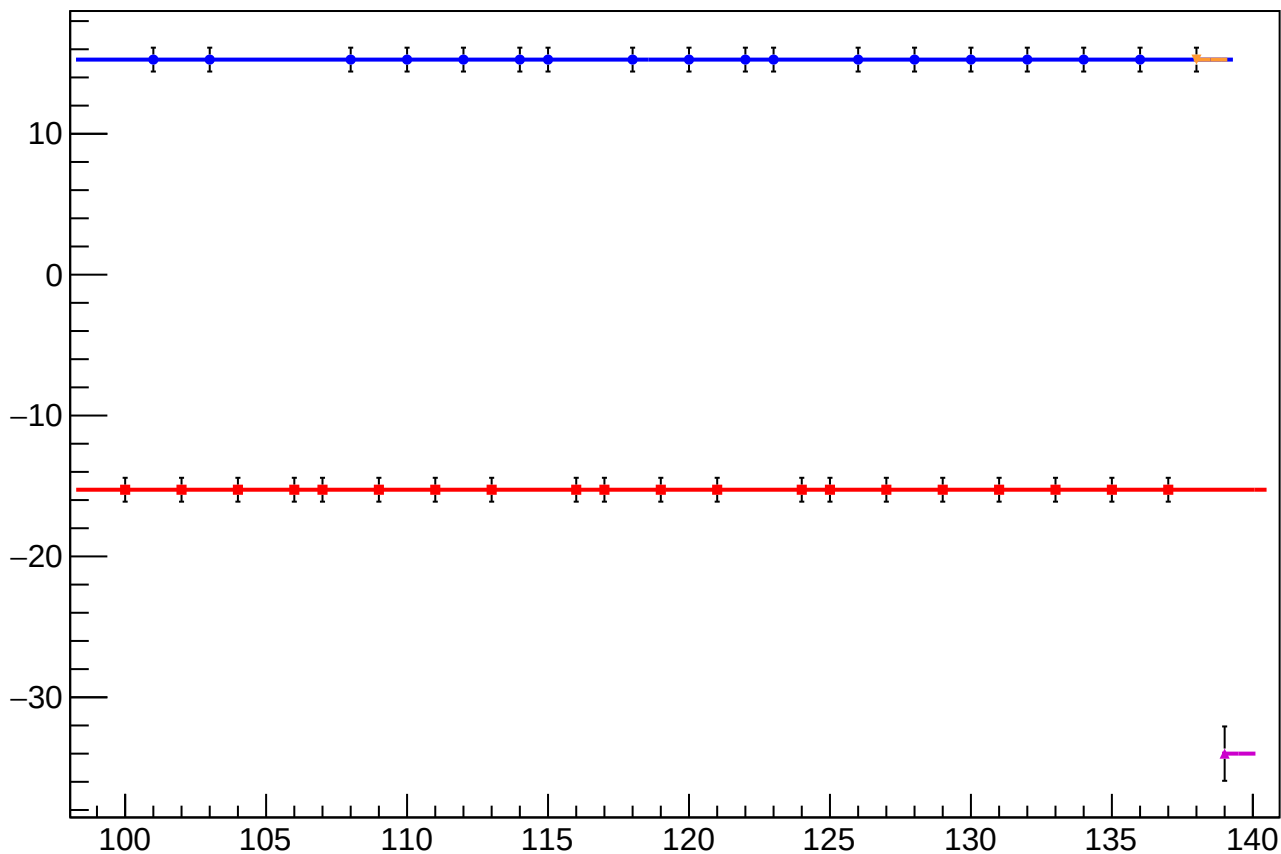
Left In: 10.098 ± 1.112 χ^2/NDF : 0.0/0

-33.592 ± 0.200 χ^2/NDF : 0.0/17

1.894 ± 0.137 χ^2/NDF : 59306.7/38

32.926 ± 0.187 χ^2/NDF : 433.7/20

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.266 $\pm$ 0.205 χ^2/NDF : 0.0/16

Left Out: 15.266 $\pm$ 0.847 χ^2/NDF : 0.0/0

Right Out: -15.266 $\pm$ 0.189 χ^2/NDF : 0.0/19

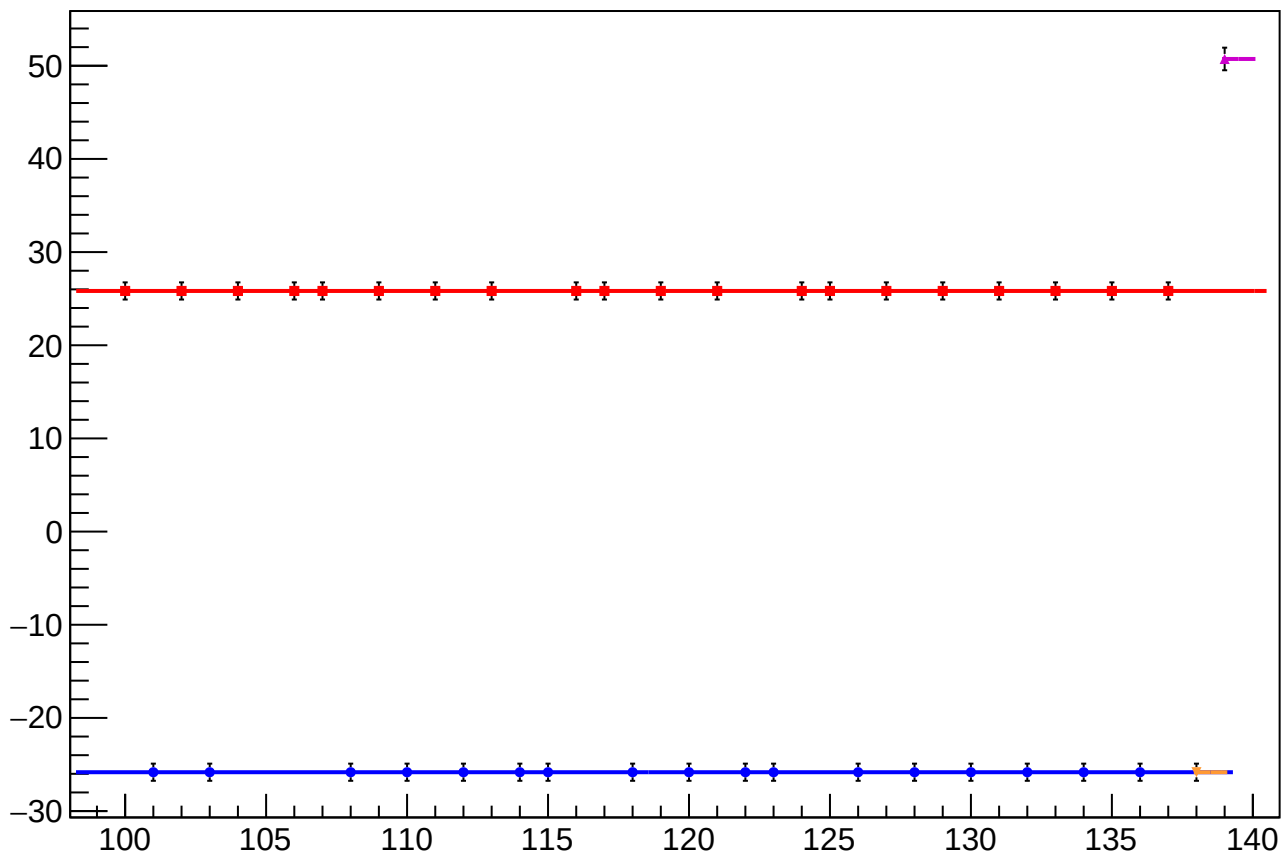
Left In: -33.999 $\pm$ 1.929 χ^2/NDF : 0.0/0

15.266 $\pm$ 0.200 χ^2/NDF : 0.0/17

-0.971 $\pm$ 0.137 χ^2/NDF : 12599.0/38

-15.445 $\pm$ 0.189 χ^2/NDF : 93.4/20

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.828 ± 0.223 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -25.828 ± 0.921 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 25.828 ± 0.206 $\chi^2/\text{NDF}: 0.0/19$

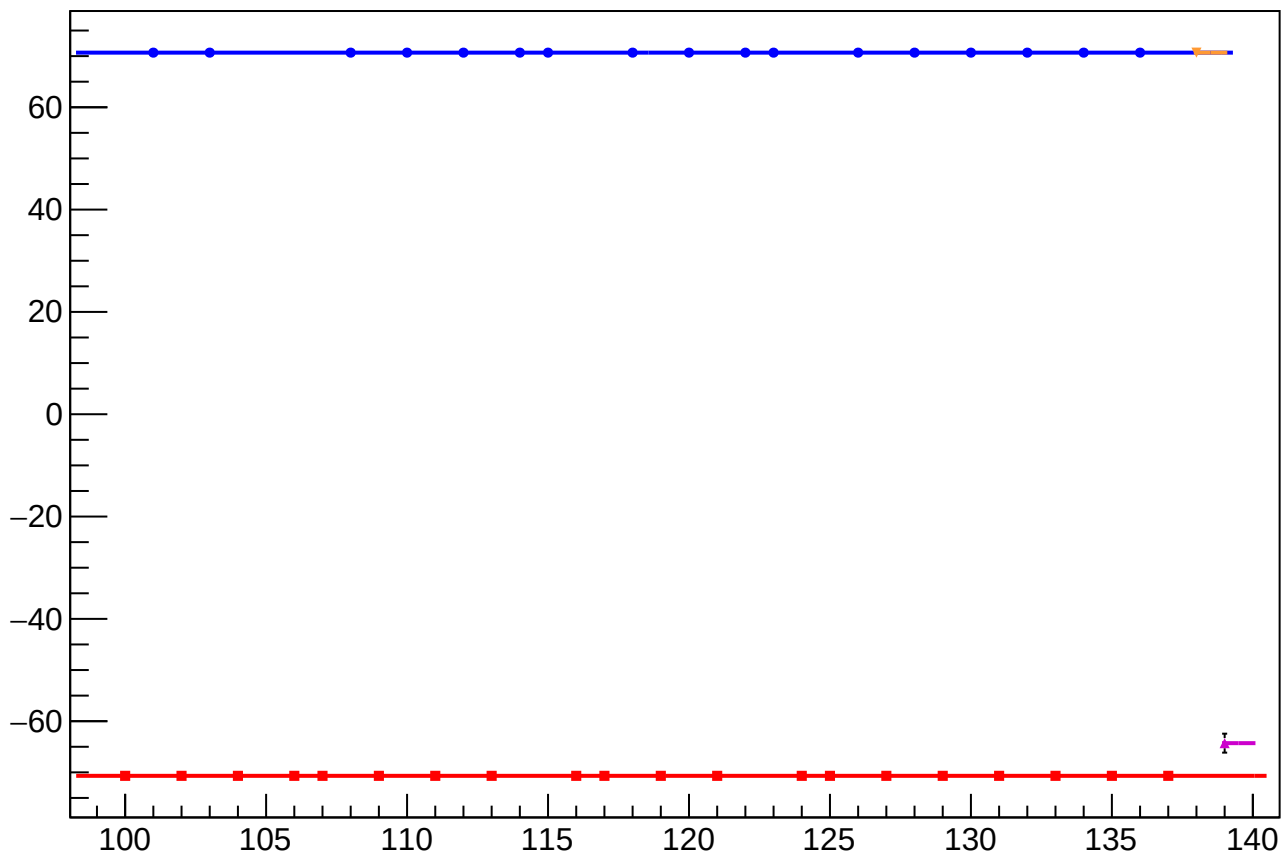
Left In: 50.729 ± 1.212 $\chi^2/\text{NDF}: 0.0/0$

-25.828 ± 0.217 $\chi^2/\text{NDF}: 0.0/17$

2.098 ± 0.148 $\chi^2/\text{NDF}: 31447.0/38$

26.526 ± 0.203 $\chi^2/\text{NDF}: 410.0/20$

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.679 $\pm$ 0.235 χ^2 /NDF: 0.0/16

Left Out: 70.679 $\pm$ 0.971 χ^2 /NDF: 0.0/0

Right Out: -70.679 $\pm$ 0.217 χ^2 /NDF: 0.0/19

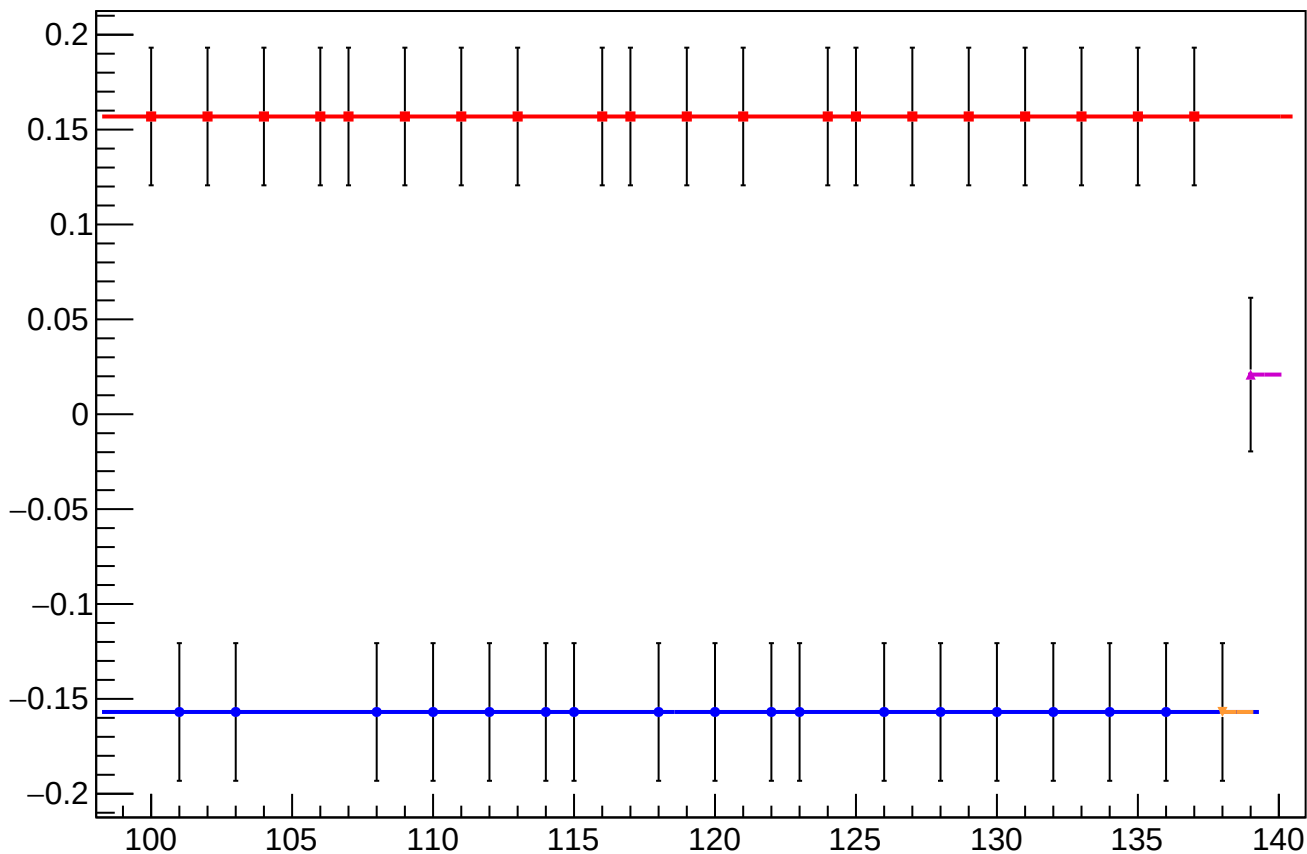
Left In: -64.292 $\pm$ 1.853 χ^2 /NDF: 0.0/0

70.679 $\pm$ 0.229 χ^2 /NDF: 0.0/17

-4.154 $\pm$ 0.157 χ^2 /NDF: 201895.2/38

-70.593 $\pm$ 0.216 χ^2 /NDF: 11.7/20

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.157 $\pm$ 0.009 χ^2 /NDF: 0.0/16

Left Out: -0.157 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Right Out: 0.157 $\pm$ 0.008 χ^2 /NDF: 0.0/19

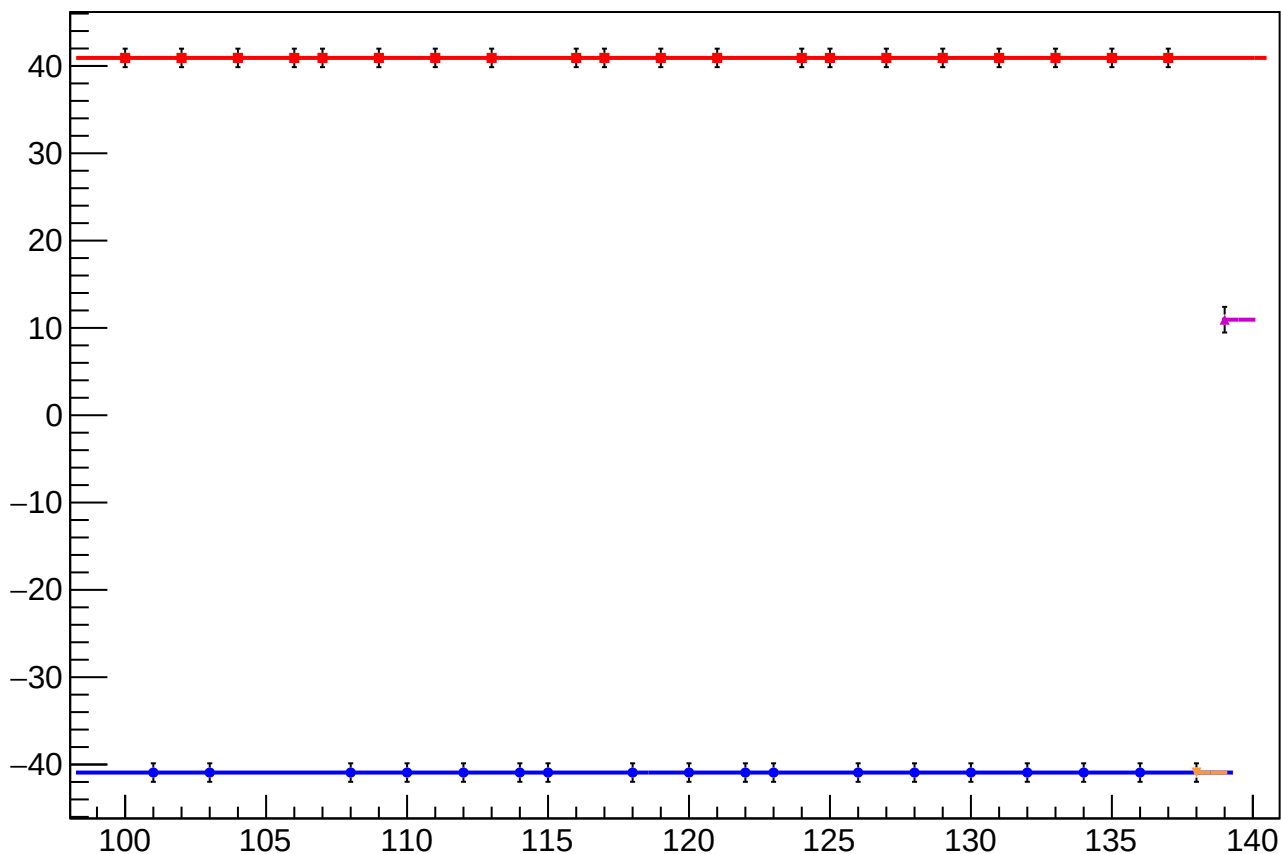
Left In: 0.021 $\pm$ 0.040 χ^2 /NDF: 0.0/0

-0.157 $\pm$ 0.009 χ^2 /NDF: 0.0/17

0.009 $\pm$ 0.006 χ^2 /NDF: 709.3/38

0.152 $\pm$ 0.008 χ^2 /NDF: 10.9/20

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.922 $\pm$ 0.257 χ^2/NDF : 0.0/16

Left Out: -40.922 $\pm$ 1.059 χ^2/NDF : 0.0/0

Right Out: 40.922 $\pm$ 0.237 χ^2/NDF : 0.0/19

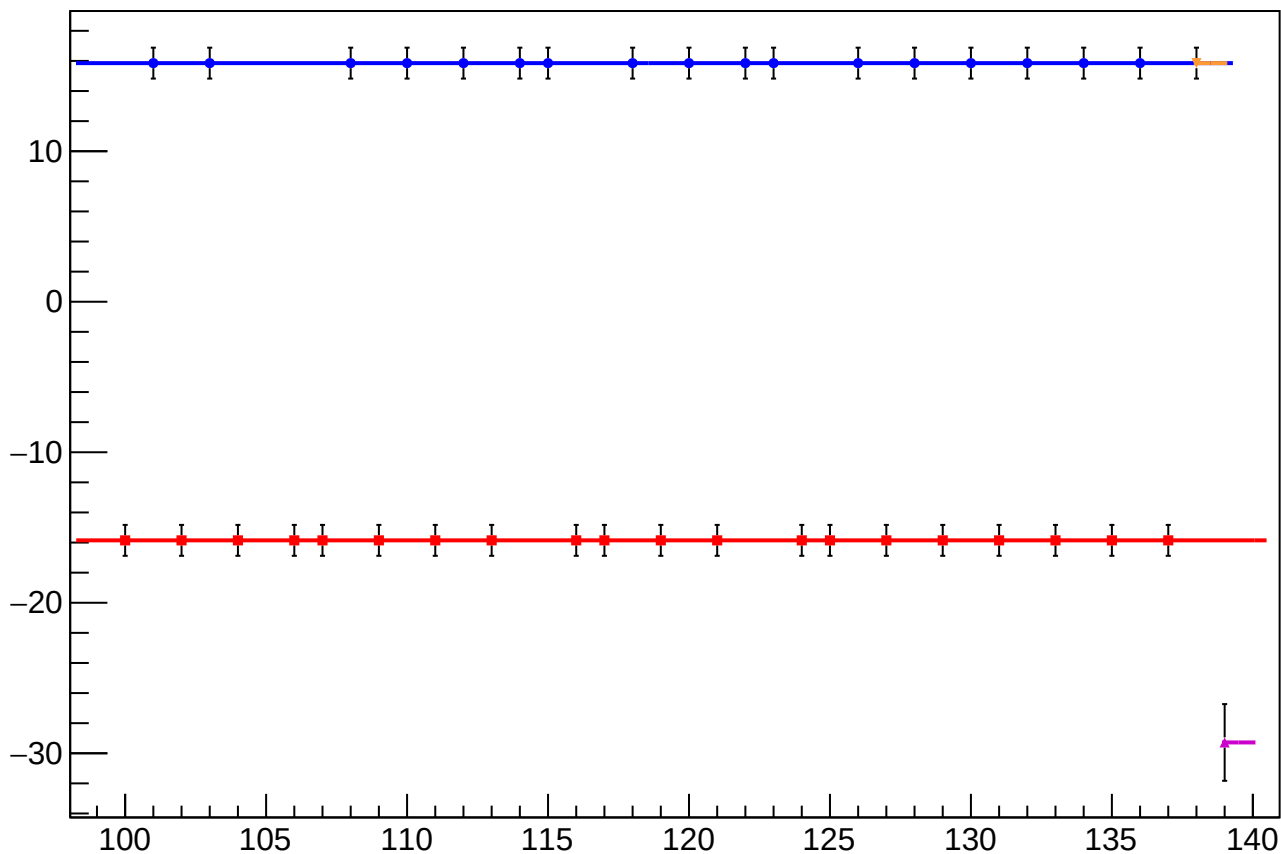
Left In: 10.945 $\pm$ 1.469 χ^2/NDF : 0.0/0

-40.922 $\pm$ 0.250 χ^2/NDF : 0.0/17

2.272 $\pm$ 0.171 χ^2/NDF : 56643.7/38

40.163 $\pm$ 0.234 χ^2/NDF : 405.9/20

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.853 $\pm$ 0.249 χ^2 /NDF: 0.0/16

Left Out: 15.853 $\pm$ 1.027 χ^2 /NDF: 0.0/0

Right Out: -15.853 $\pm$ 0.230 χ^2 /NDF: 0.0/19

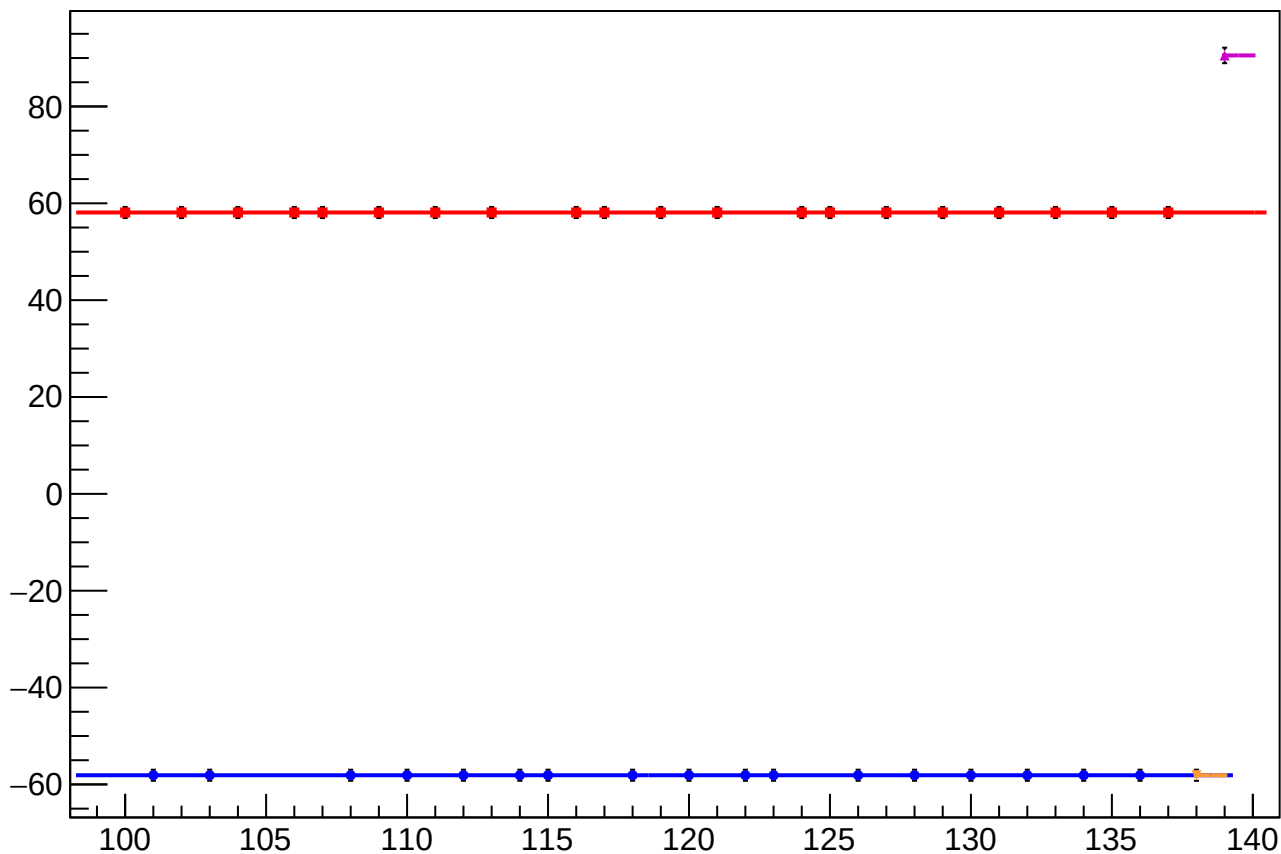
Left In: -29.280 $\pm$ 2.548 χ^2 /NDF: 0.0/0

15.853 $\pm$ 0.242 χ^2 /NDF: 0.0/17

-0.955 $\pm$ 0.166 χ^2 /NDF: 9153.9/38

-15.962 $\pm$ 0.229 χ^2 /NDF: 27.5/20

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.103 $\pm$ 0.278 χ^2/NDF : 0.0/16

Left Out: -58.103 $\pm$ 1.147 χ^2/NDF : 0.0/0

Right Out: 58.103 $\pm$ 0.257 χ^2/NDF : 0.0/19

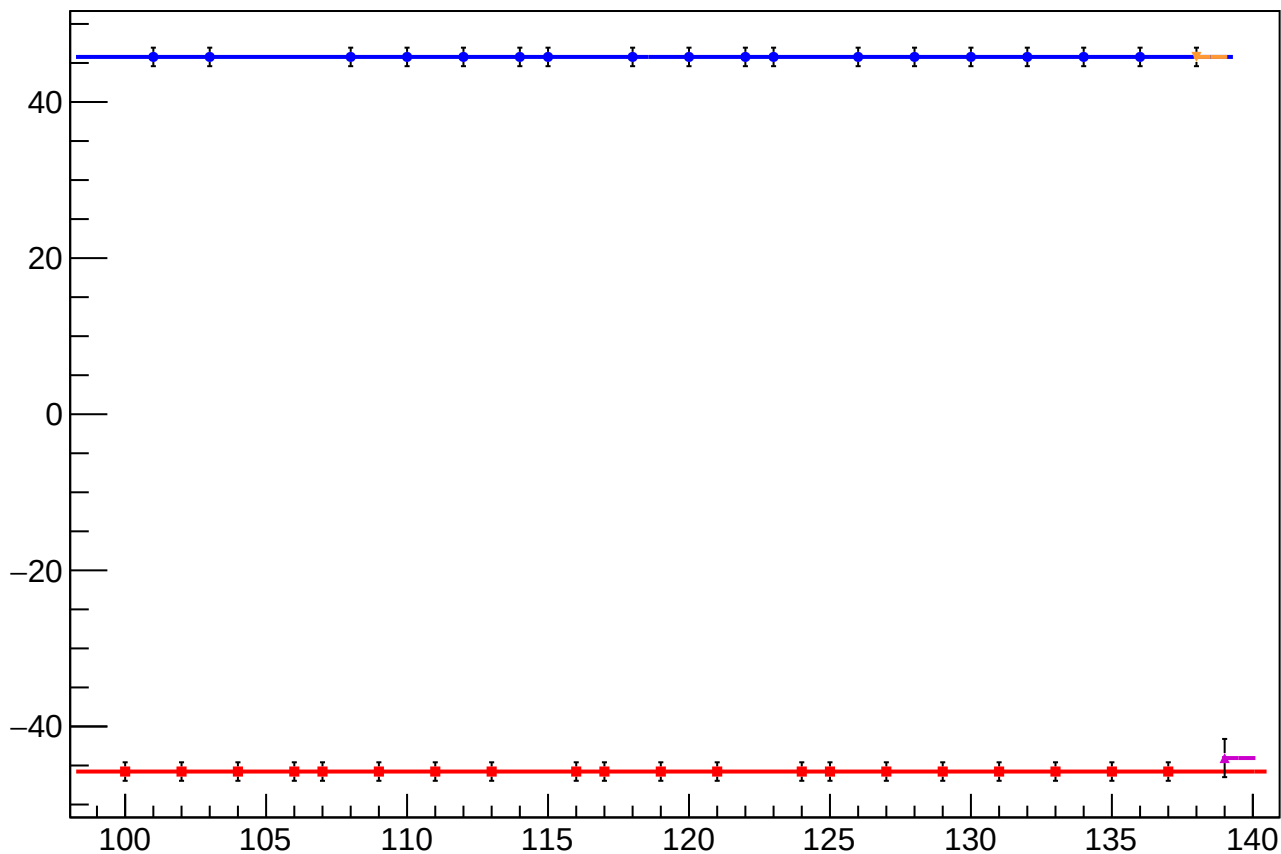
Left In: 90.537 $\pm$ 1.601 χ^2/NDF : 0.0/0

-58.103 $\pm$ 0.270 χ^2/NDF : 0.0/17

4.224 $\pm$ 0.185 χ^2/NDF : 100120.6/38

58.915 $\pm$ 0.253 χ^2/NDF : 399.9/20

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.775 $\pm$ 0.288 χ^2 /NDF: 0.0/16

Left Out: 45.775 $\pm$ 1.186 χ^2 /NDF: 0.0/0

Right Out: -45.775 $\pm$ 0.265 χ^2 /NDF: 0.0/19

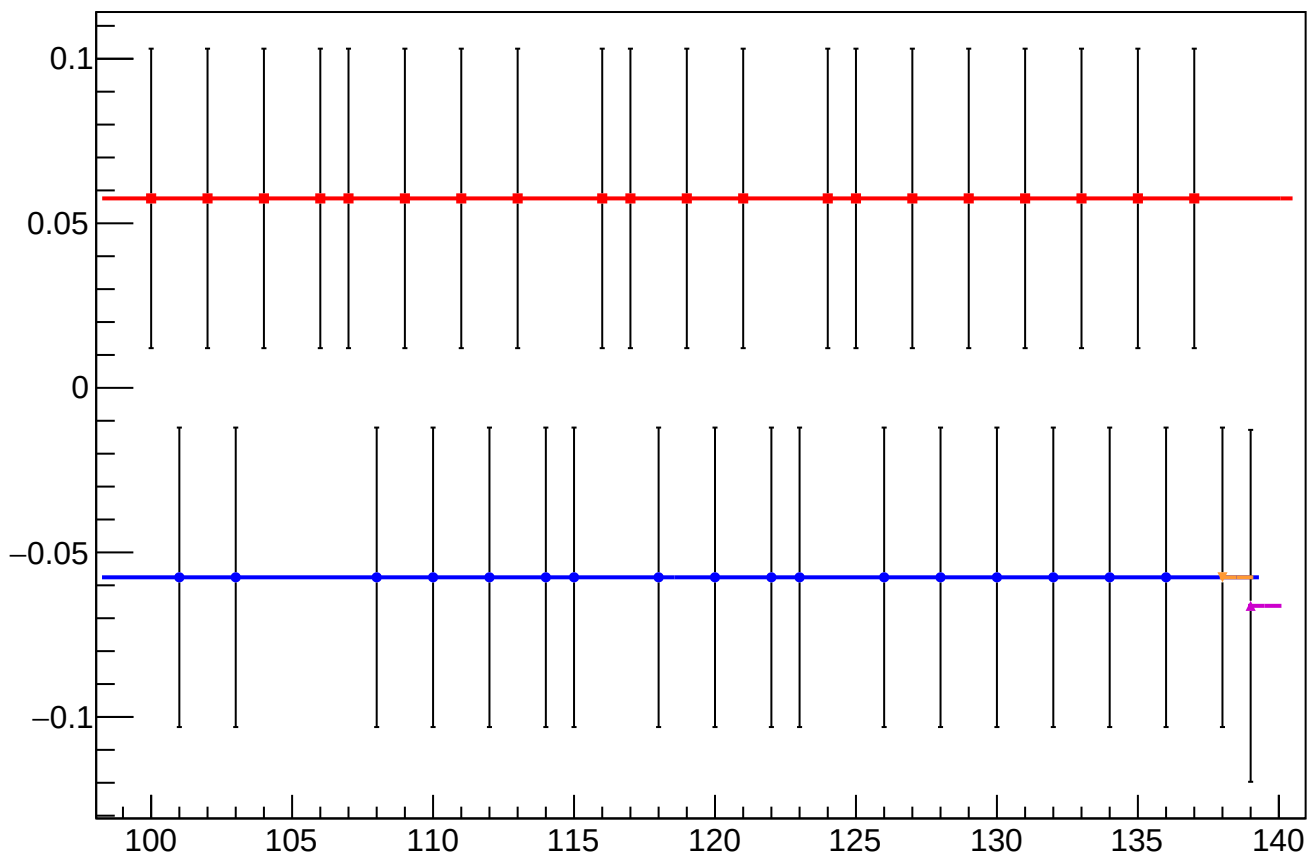
Left In: -44.045 $\pm$ 2.448 χ^2 /NDF: 0.0/0

45.775 $\pm$ 0.279 χ^2 /NDF: 0.0/17

-2.665 $\pm$ 0.192 χ^2 /NDF: 56768.5/38

-45.755 $\pm$ 0.264 χ^2 /NDF: 0.5/20

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.058 ± 0.011 χ^2/NDF : 0.0/16

Left Out: -0.058 ± 0.045 χ^2/NDF : 0.0/0

Right Out: 0.058 ± 0.010 χ^2/NDF : 0.0/19

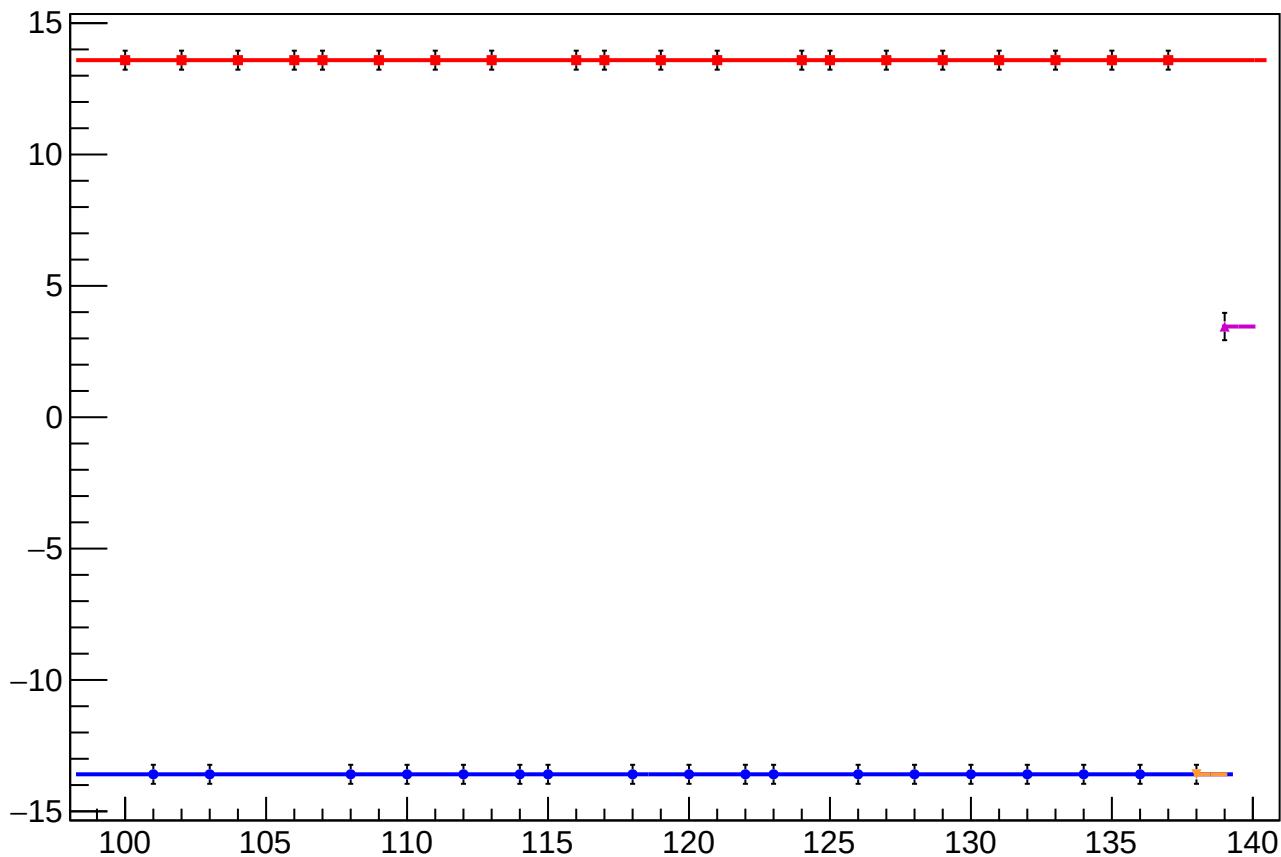
Left In: -0.066 ± 0.053 χ^2/NDF : 0.0/0

-0.058 ± 0.011 χ^2/NDF : 0.0/17

0.002 ± 0.007 χ^2/NDF : 62.3/38

0.053 ± 0.010 χ^2/NDF : 5.2/20

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected

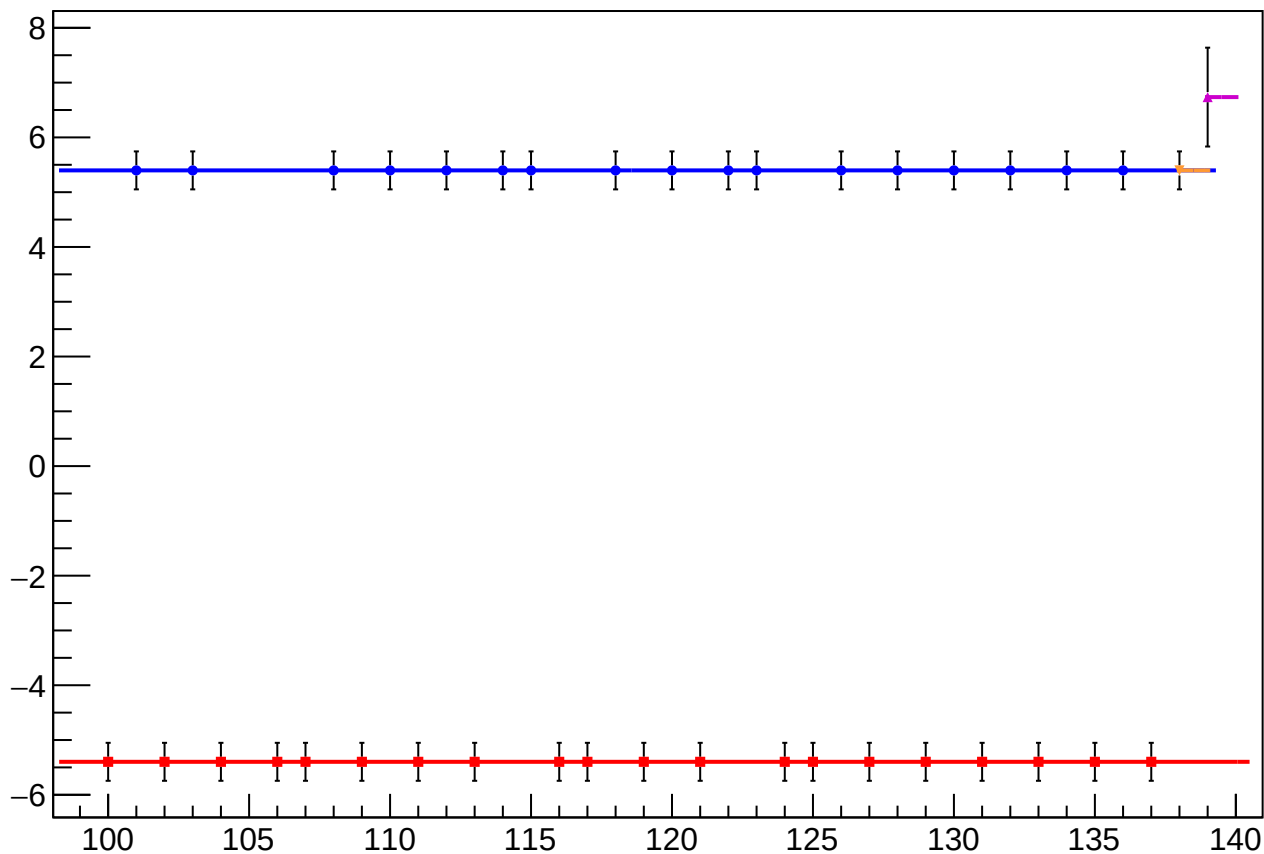


-13.591 ± 0.085 $\chi^2/\text{NDF}: 0.0/17$

0.750 ± 0.058 $\chi^2/\text{NDF}: 53597.8/38$

13.352 ± 0.080 $\chi^2/\text{NDF}: 371.0/20$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.398 ± 0.084 χ^2/NDF : 0.0/16

Left Out: 5.398 ± 0.347 χ^2/NDF : 0.0/0

Right Out: -5.398 ± 0.077 χ^2/NDF : 0.0/19

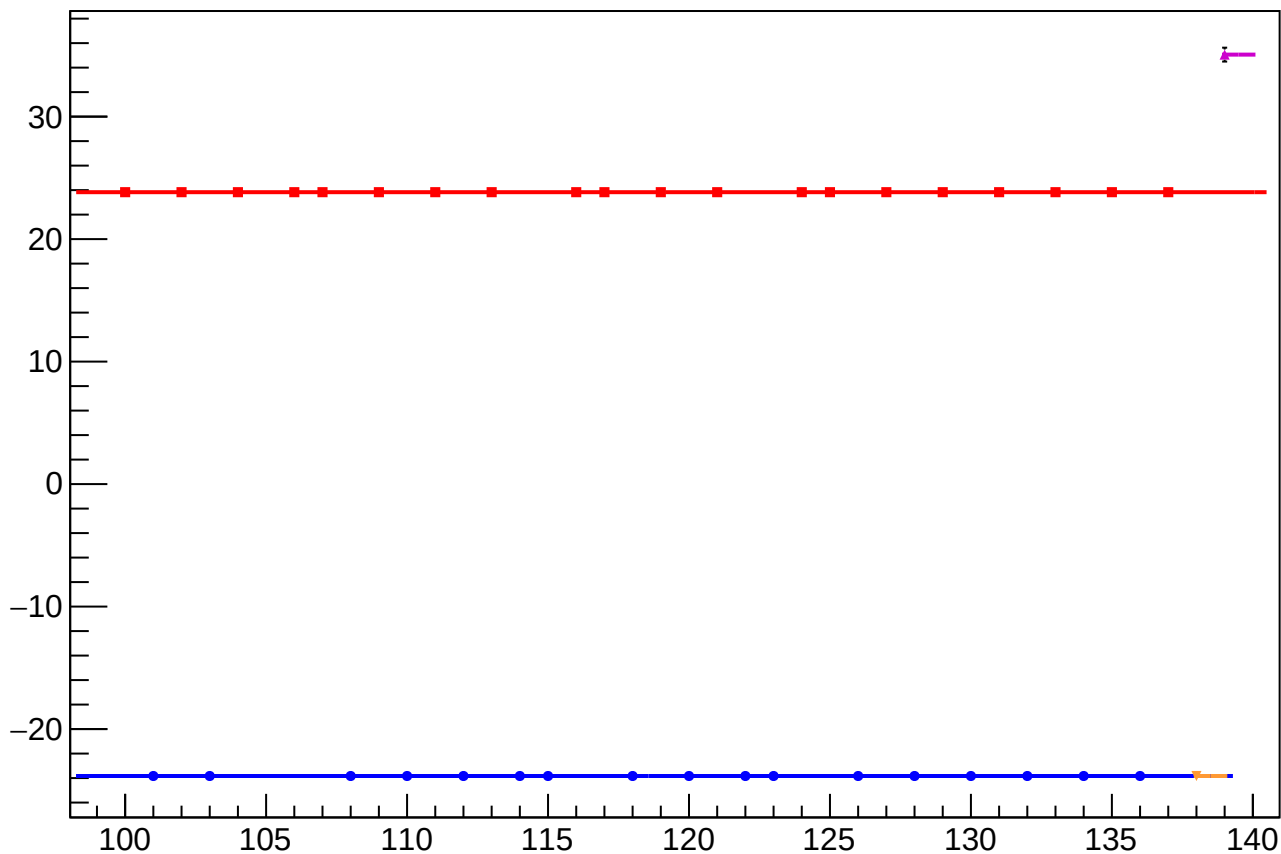
Left In: 6.736 ± 0.902 χ^2/NDF : 0.0/0

5.398 ± 0.082 χ^2/NDF : 0.0/17

-0.257 ± 0.056 χ^2/NDF : 9252.6/38

-5.309 ± 0.077 χ^2/NDF : 179.5/20

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.831+/-0.095 χ^2/NDF : 0.0/16

Left Out: -23.831+/-0.392 χ^2/NDF : 0.0/0

Right Out: 23.831+/-0.088 χ^2/NDF : 0.0/19

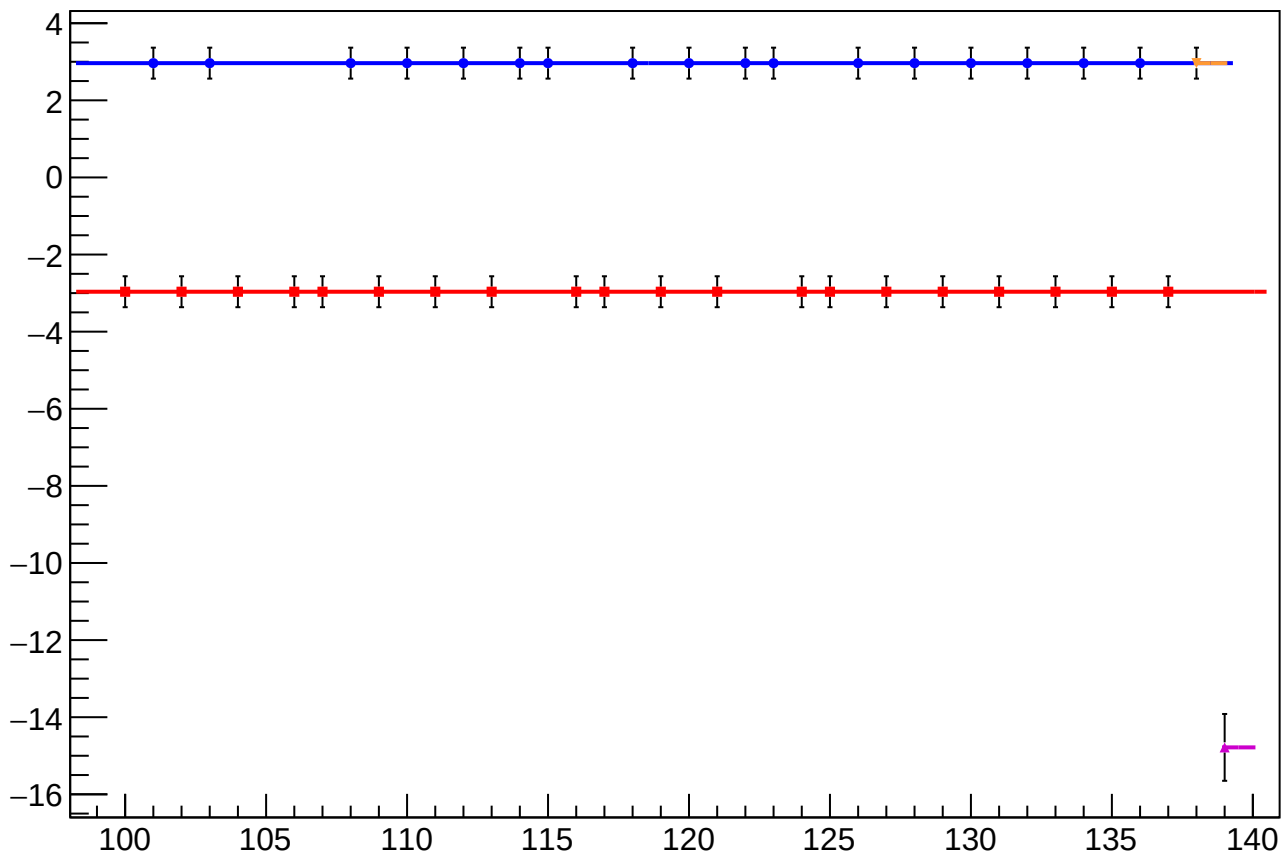
Left In: 35.062+/-0.567 χ^2/NDF : 0.0/0

-23.831+/-0.092 χ^2/NDF : 0.0/17

1.673+/-0.063 χ^2/NDF : 143771.1/38

24.093+/-0.087 χ^2/NDF : 383.1/20

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.964 $\pm$ 0.097 χ^2 /NDF: 0.0/16

Left Out: 2.964 $\pm$ 0.401 χ^2 /NDF: 0.0/0

Right Out: -2.964 $\pm$ 0.090 χ^2 /NDF: 0.0/19

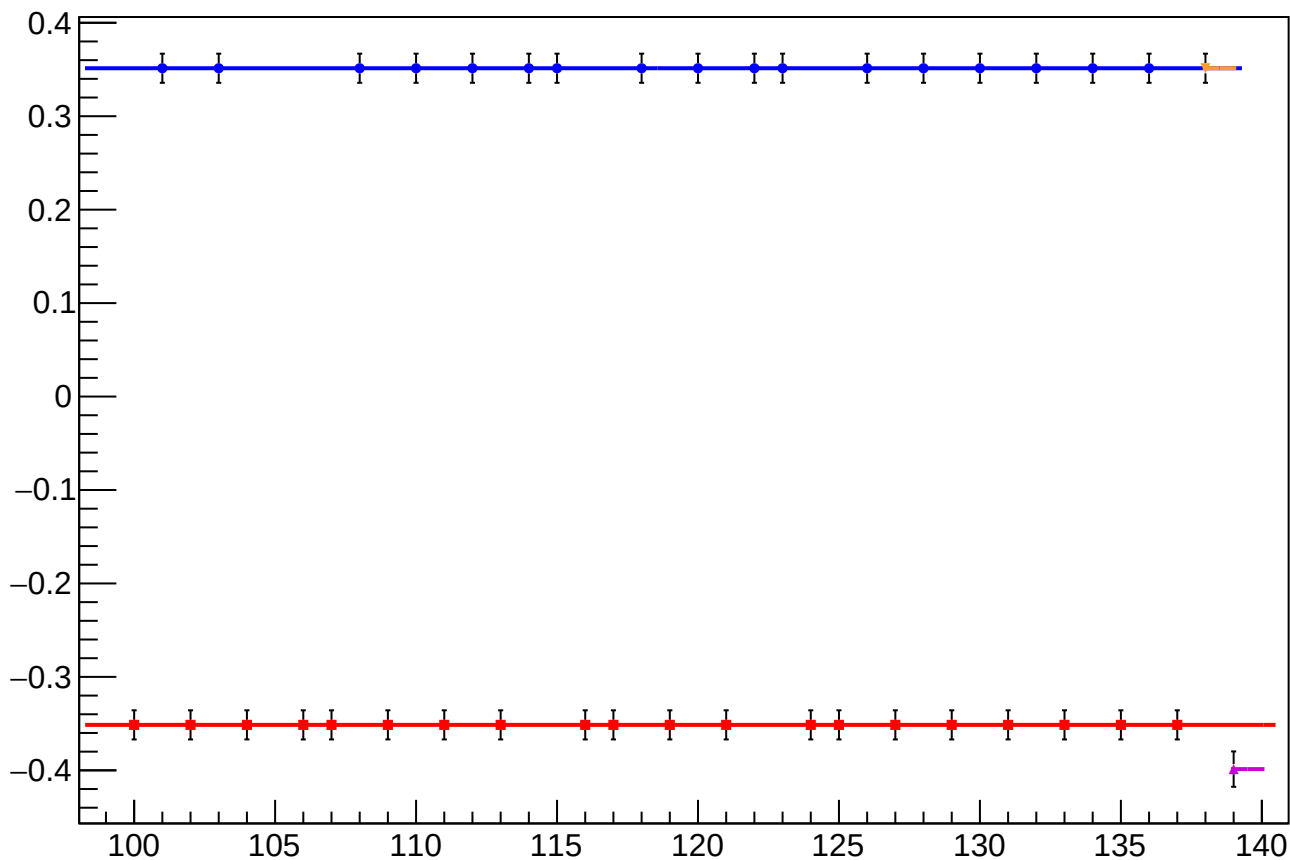
Left In: -14.783 $\pm$ 0.867 χ^2 /NDF: 0.0/0

2.964 $\pm$ 0.095 χ^2 /NDF: 0.0/17

-0.238 $\pm$ 0.065 χ^2 /NDF: 2351.4/38

-3.090 $\pm$ 0.089 χ^2 /NDF: 184.0/20

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.351 ± 0.004 χ^2/NDF : 0.0/16

Left Out: 0.351 ± 0.016 χ^2/NDF : 0.0/0

Right Out: -0.351 ± 0.003 χ^2/NDF : 0.0/19

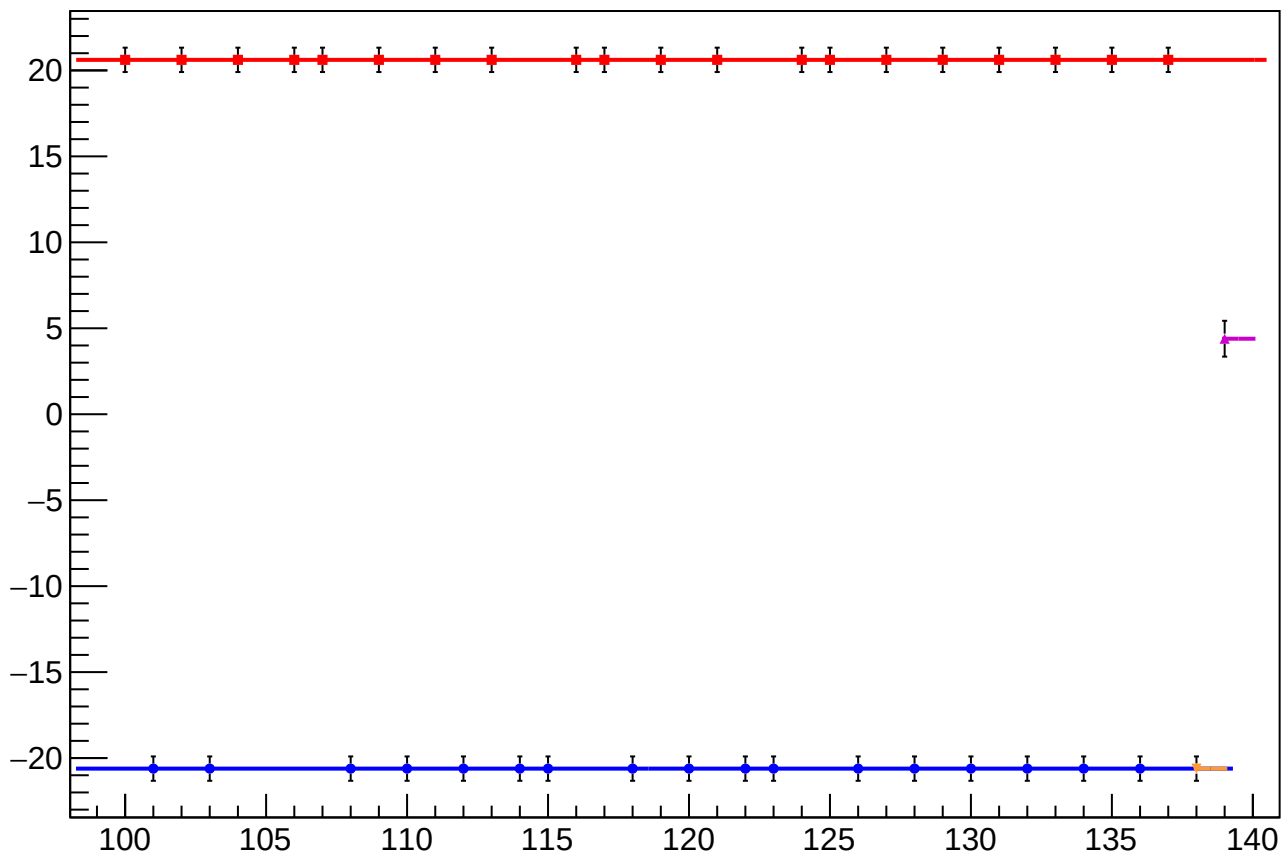
Left In: -0.399 ± 0.019 χ^2/NDF : 0.0/0

0.351 ± 0.004 χ^2/NDF : 0.0/17

-0.025 ± 0.003 χ^2/NDF : 19647.1/38

-0.353 ± 0.003 χ^2/NDF : 6.0/20

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.614 $\pm$ 0.172 χ^2/NDF : 0.0/16

Left Out: -20.614 $\pm$ 0.709 χ^2/NDF : 0.0/0

Right Out: 20.614 $\pm$ 0.158 χ^2/NDF : 0.0/19

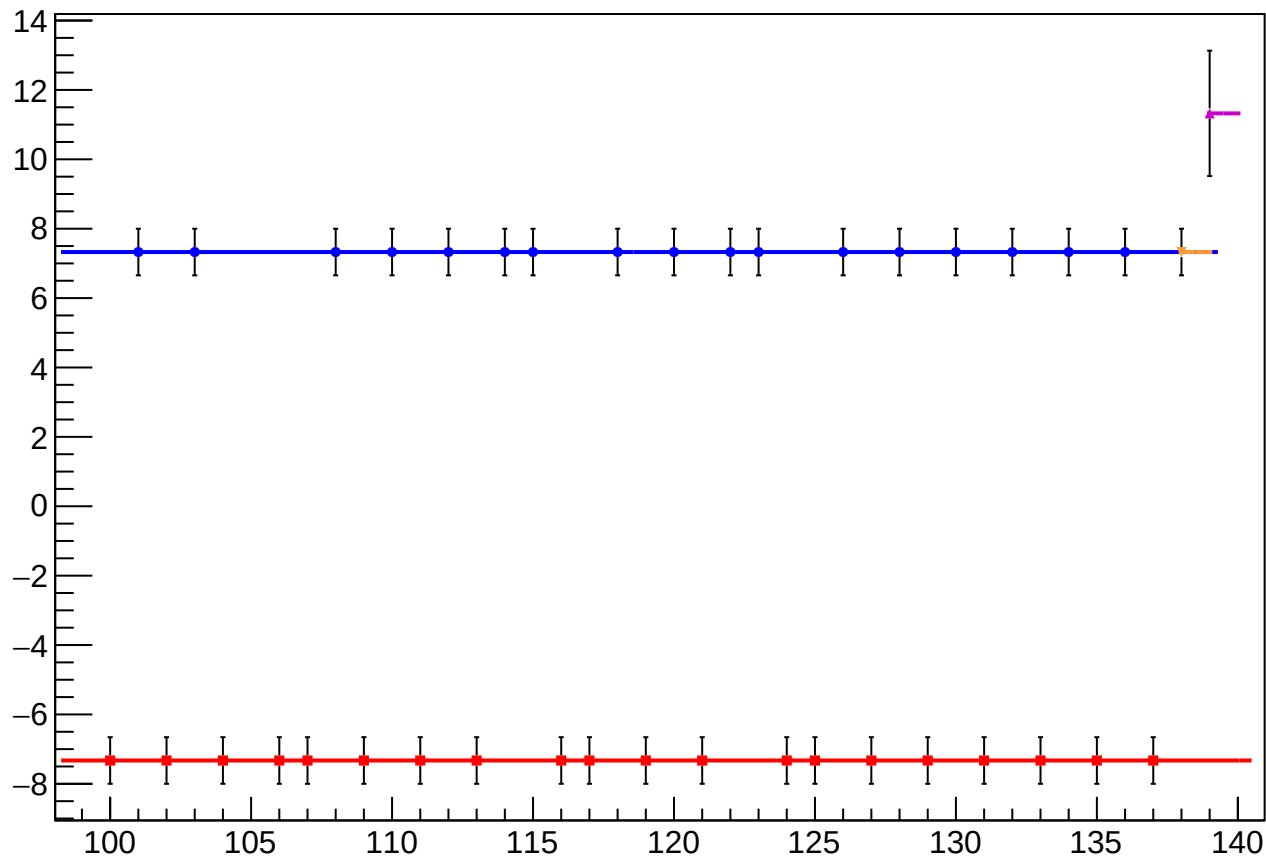
Left In: 4.393 $\pm$ 1.042 χ^2/NDF : 0.0/0

-20.614 $\pm$ 0.167 χ^2/NDF : 0.0/17

1.125 $\pm$ 0.114 χ^2/NDF : 32066.7/38

20.247 $\pm$ 0.157 χ^2/NDF : 236.7/20

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.327 $\pm$ 0.163 χ^2/NDF : 0.0/16

Left Out: 7.327 $\pm$ 0.672 χ^2/NDF : 0.0/0

Right Out: -7.327 $\pm$ 0.150 χ^2/NDF : 0.0/19

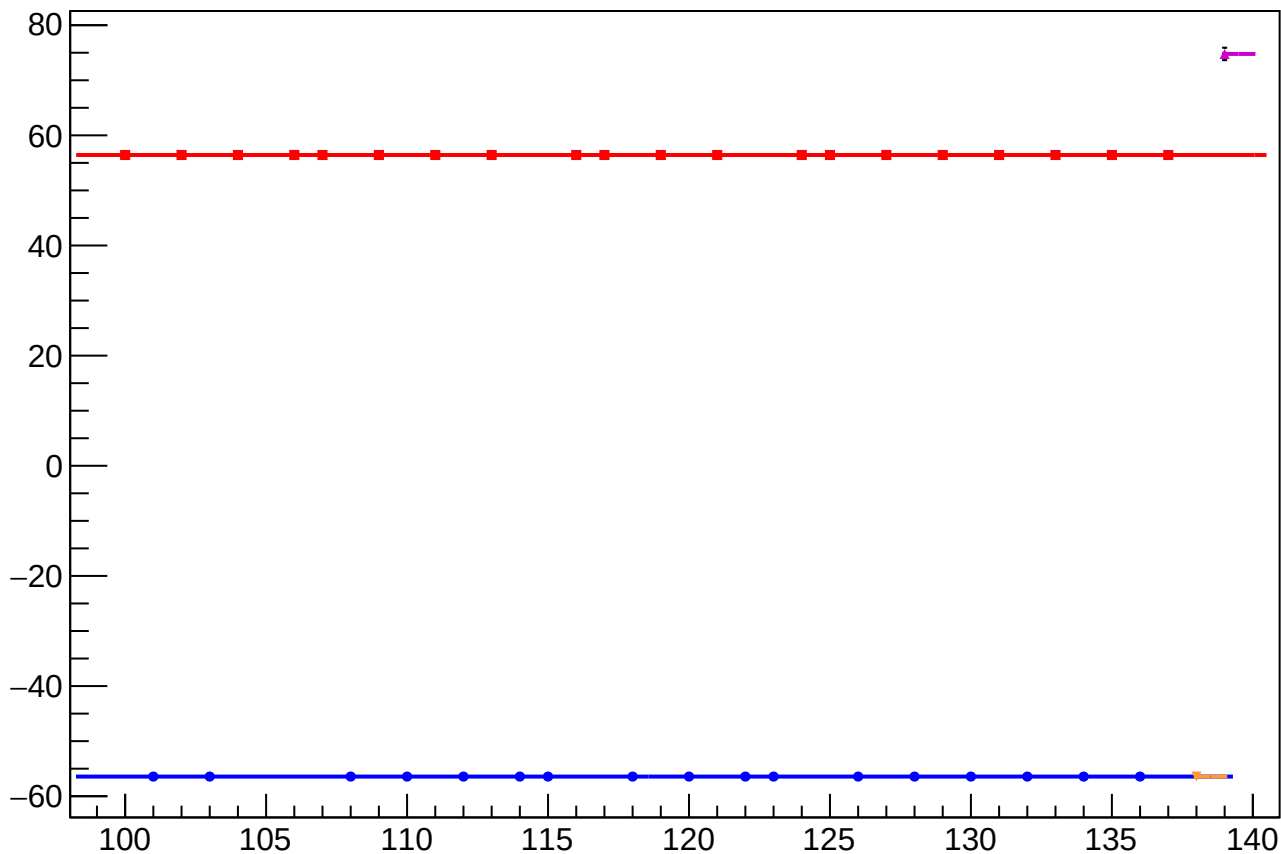
Left In: 11.324 $\pm$ 1.808 χ^2/NDF : 0.0/0

7.327 $\pm$ 0.158 χ^2/NDF : 0.0/17

-0.343 $\pm$ 0.109 χ^2/NDF : 4549.5/38

-7.199 $\pm$ 0.150 χ^2/NDF : 105.7/20

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.432 $\pm$ 0.186 χ^2 /NDF: 0.0/16

Left Out: -56.432 $\pm$ 0.768 χ^2 /NDF: 0.0/0

Right Out: 56.432 $\pm$ 0.172 χ^2 /NDF: 0.0/19

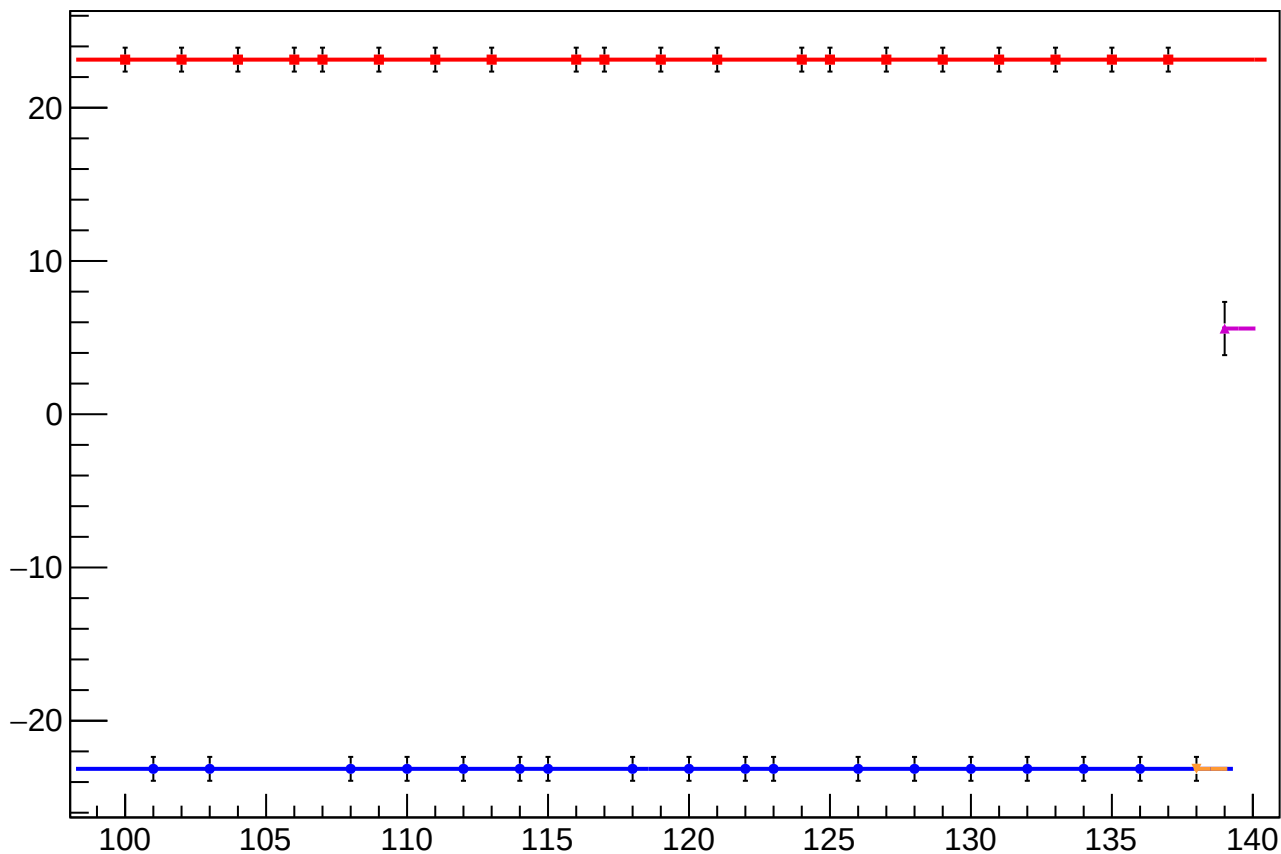
Left In: 74.783 $\pm$ 1.136 χ^2 /NDF: 0.0/0

-56.432 $\pm$ 0.181 χ^2 /NDF: 0.0/17

3.823 $\pm$ 0.124 χ^2 /NDF: 208556.5/38

56.842 $\pm$ 0.170 χ^2 /NDF: 254.9/20

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

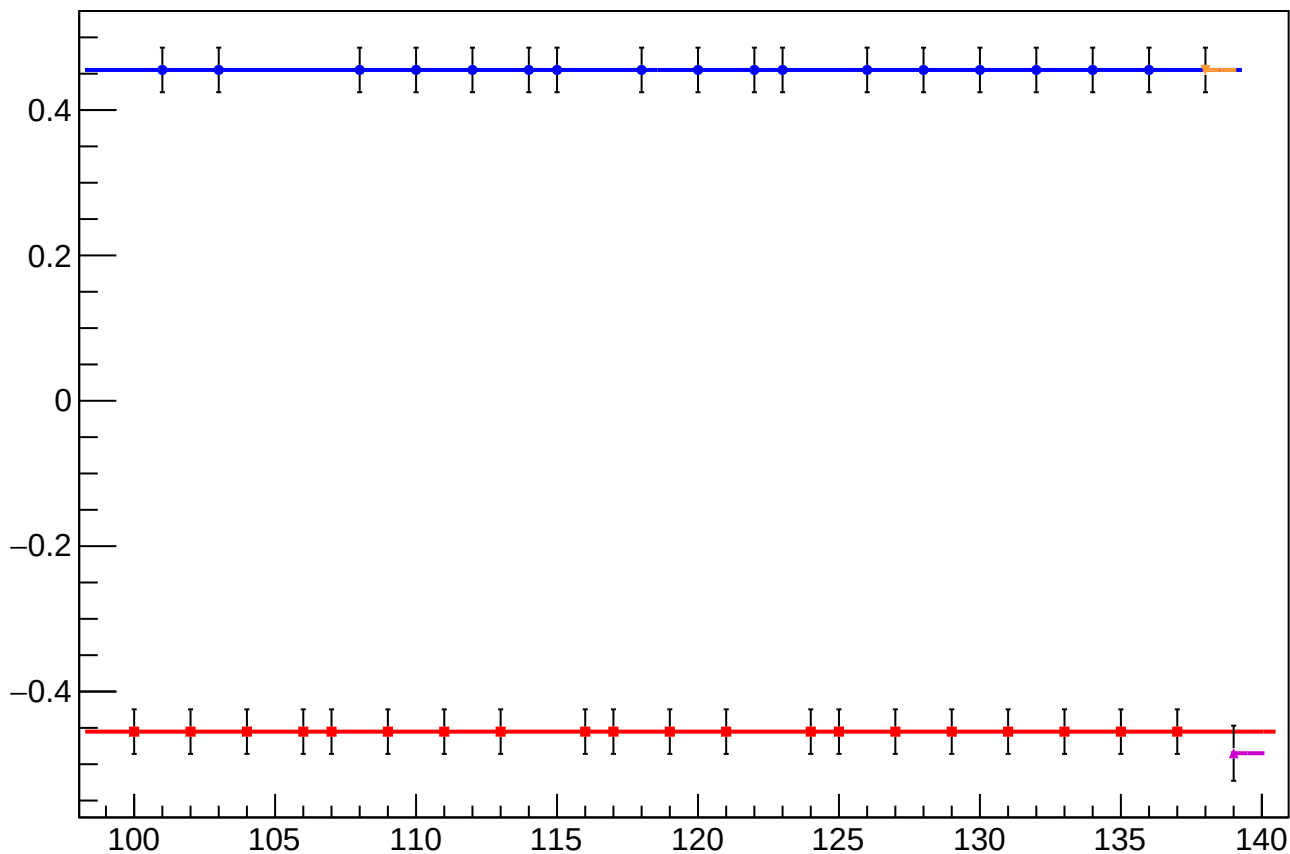


-23.138 ± 0.184 $\chi^2/\text{NDF}: 0.0/17$

1.241 ± 0.126 $\chi^2/\text{NDF}: 33350.8/38$

22.963 ± 0.174 $\chi^2/\text{NDF}: 101.1/20$

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.455 ± 0.007 χ^2/NDF : 0.0/16

Left Out: 0.455 ± 0.031 χ^2/NDF : 0.0/0

Right Out: -0.455 ± 0.007 χ^2/NDF : 0.0/19

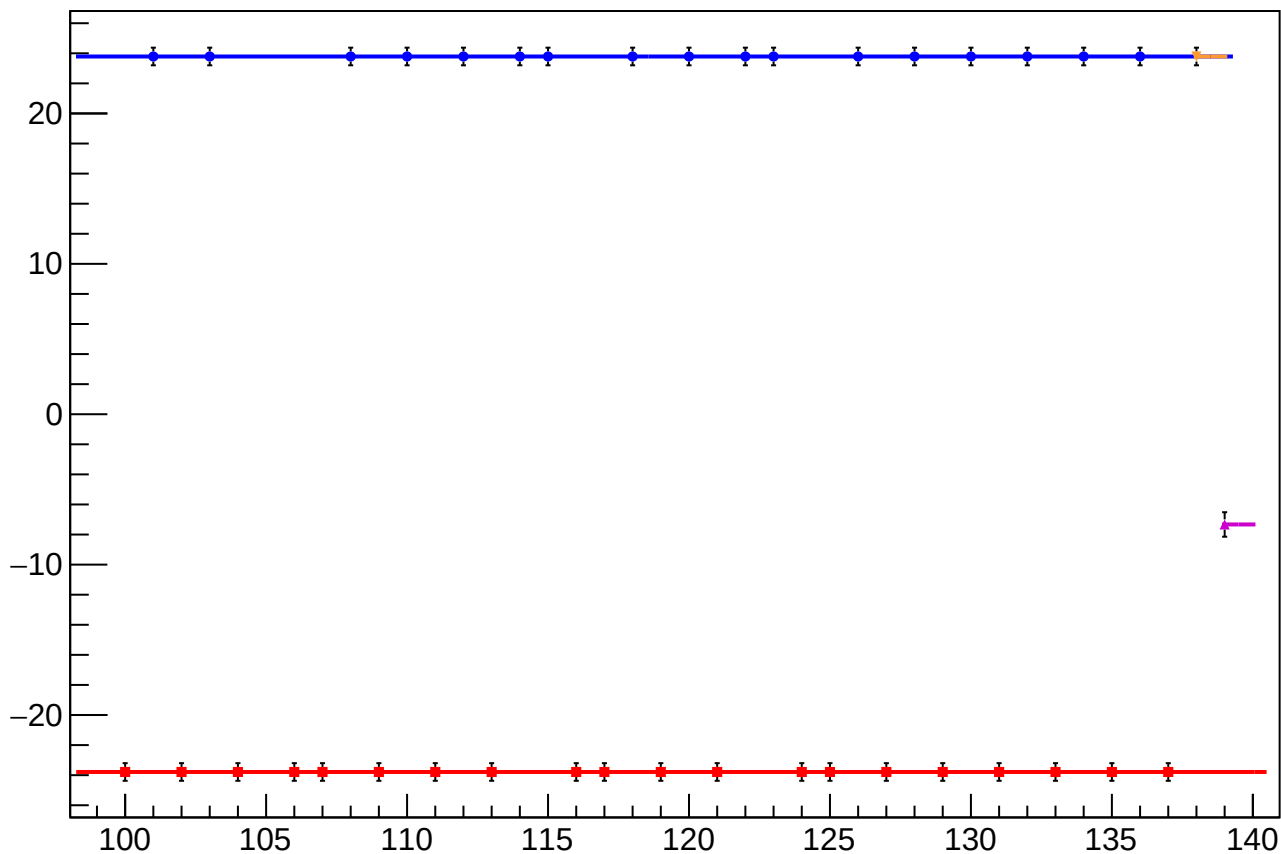
Left In: -0.485 ± 0.038 χ^2/NDF : 0.0/0

0.455 ± 0.007 χ^2/NDF : 0.0/17

-0.032 ± 0.005 χ^2/NDF : 8500.0/38

-0.456 ± 0.007 χ^2/NDF : 0.6/20

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.788 $\pm$ 0.142 χ^2 /NDF: 0.0/16

Left Out: 23.788 $\pm$ 0.587 χ^2 /NDF: 0.0/0

Right Out: -23.788 $\pm$ 0.131 χ^2 /NDF: 0.0/19

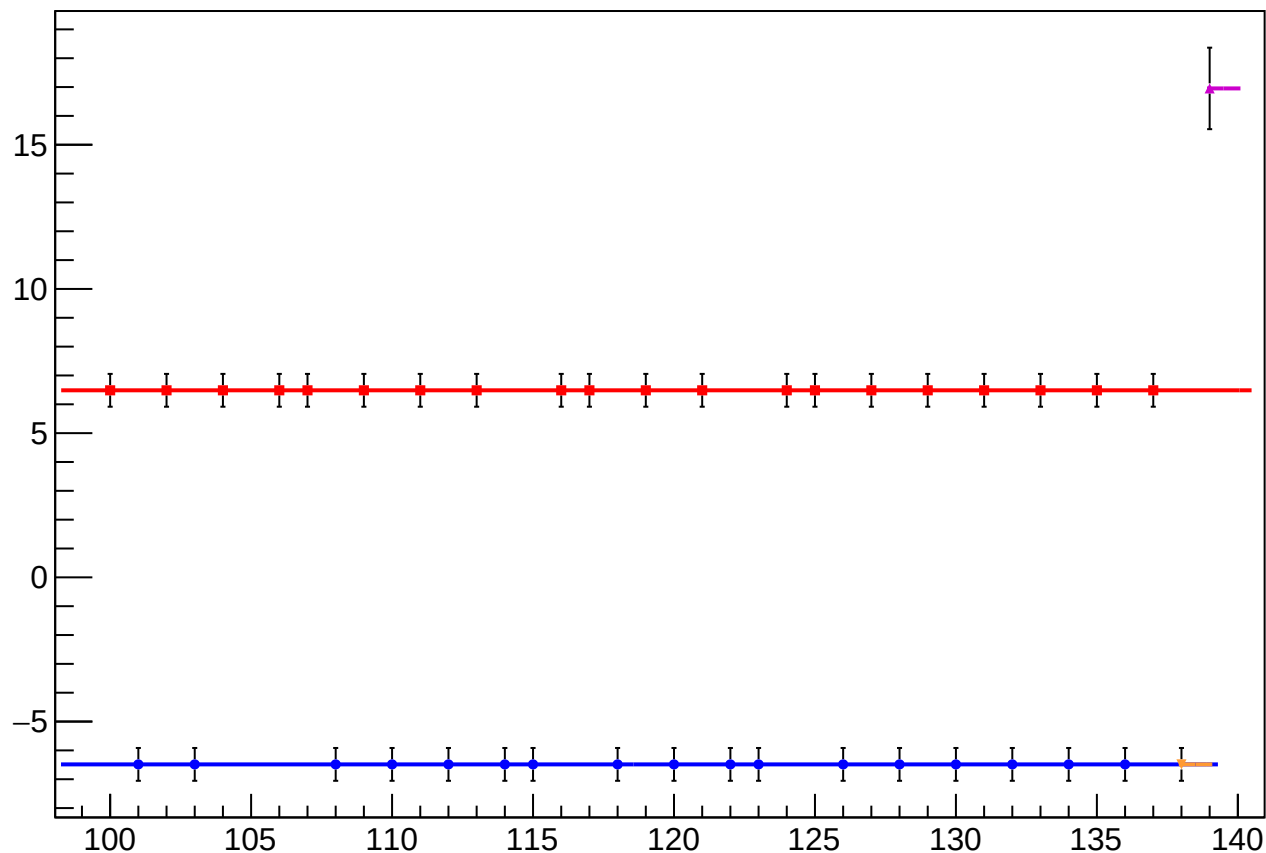
Left In: -7.329 $\pm$ 0.814 χ^2 /NDF: 0.0/0

23.788 $\pm$ 0.138 χ^2 /NDF: 0.0/17

-1.334 $\pm$ 0.095 χ^2 /NDF: 62365.5/38

-23.372 $\pm$ 0.130 χ^2 /NDF: 398.1/20

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.485 ± 0.138 χ^2/NDF : 0.0/16

Left Out: -6.485 ± 0.569 χ^2/NDF : 0.0/0

Right Out: 6.485 ± 0.127 χ^2/NDF : 0.0/19

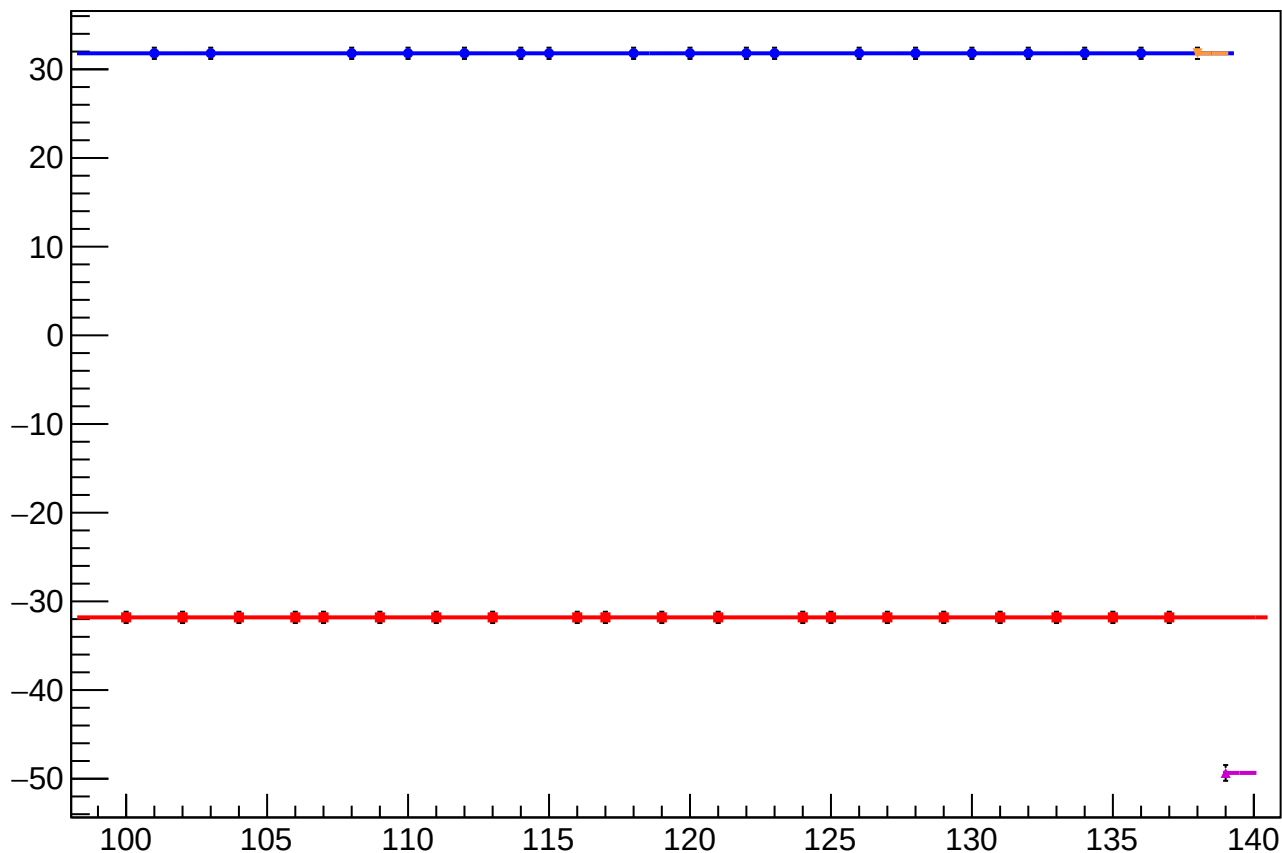
Left In: 16.953 ± 1.413 χ^2/NDF : 0.0/0

-6.485 ± 0.134 χ^2/NDF : 0.0/17

0.412 ± 0.092 χ^2/NDF : 5060.2/38

6.569 ± 0.127 χ^2/NDF : 54.4/20

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.804 $\pm$ 0.154 χ^2 /NDF: 0.0/16

Left Out: 31.804 $\pm$ 0.636 χ^2 /NDF: 0.0/0

Right Out: -31.804 $\pm$ 0.142 χ^2 /NDF: 0.0/19

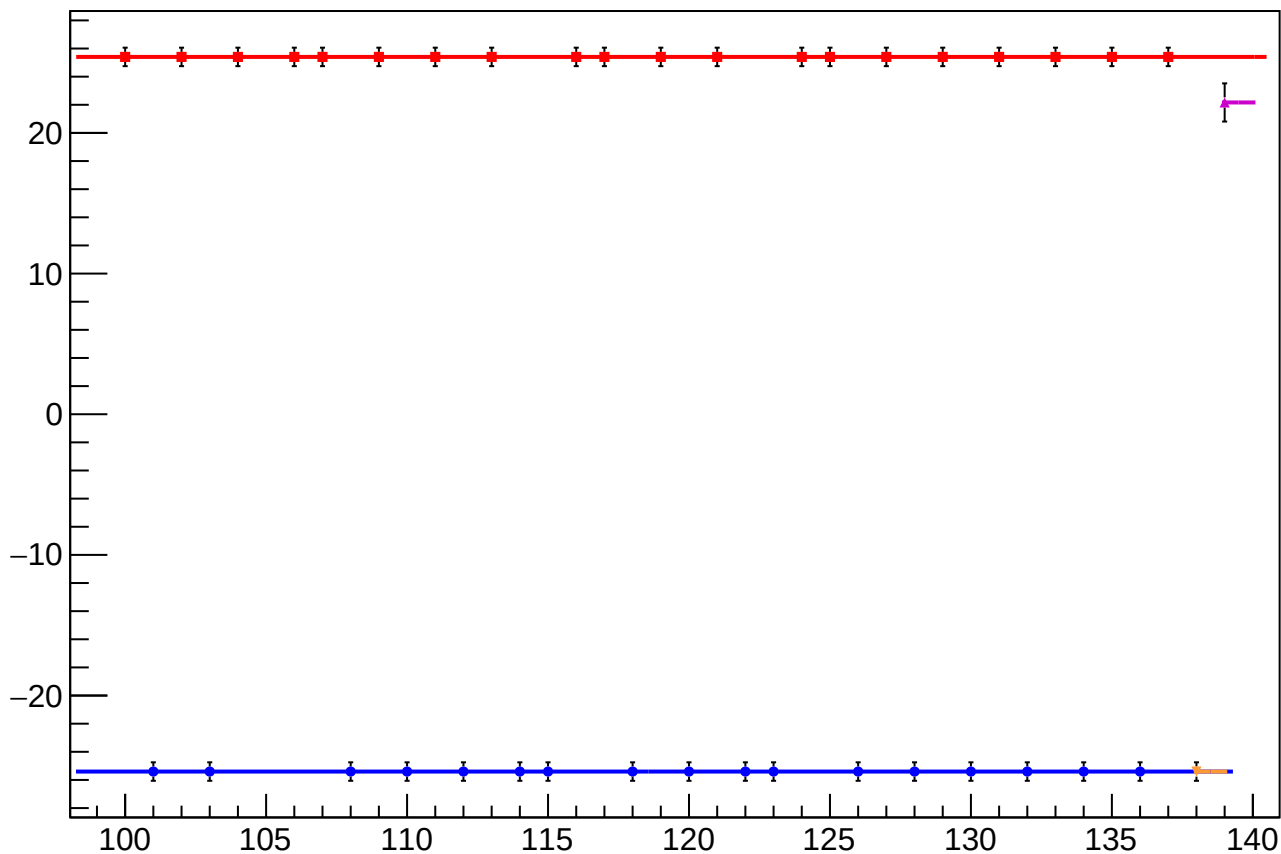
Left In: -49.345 $\pm$ 0.888 χ^2 /NDF: 0.0/0

31.804 $\pm$ 0.150 χ^2 /NDF: 0.0/17

-2.308 $\pm$ 0.102 χ^2 /NDF: 97683.1/38

-32.242 $\pm$ 0.140 χ^2 /NDF: 380.5/20

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.404 ± 0.159 χ^2/NDF : 0.0/16

Left Out: -25.404 ± 0.657 χ^2/NDF : 0.0/0

Right Out: 25.404 ± 0.147 χ^2/NDF : 0.0/19

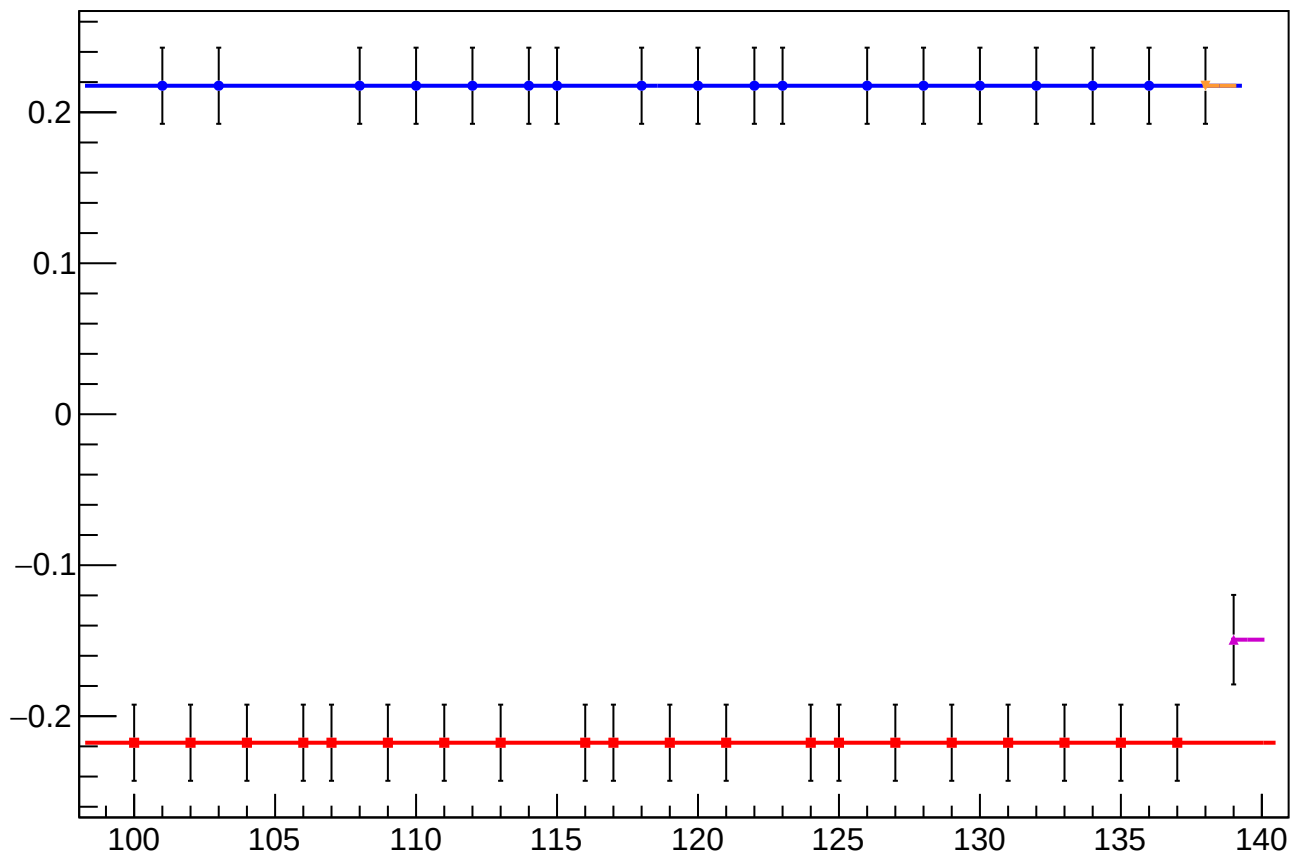
Left In: 22.165 ± 1.357 χ^2/NDF : 0.0/0

-25.404 ± 0.155 χ^2/NDF : 0.0/17

1.465 ± 0.106 χ^2/NDF : 56889.7/38

25.366 ± 0.146 χ^2/NDF : 5.6/20

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.218 $\pm$ 0.006 χ^2/NDF : 0.0/16

Left Out: 0.218 $\pm$ 0.025 χ^2/NDF : 0.0/0

Right Out: -0.218 $\pm$ 0.006 χ^2/NDF : 0.0/19

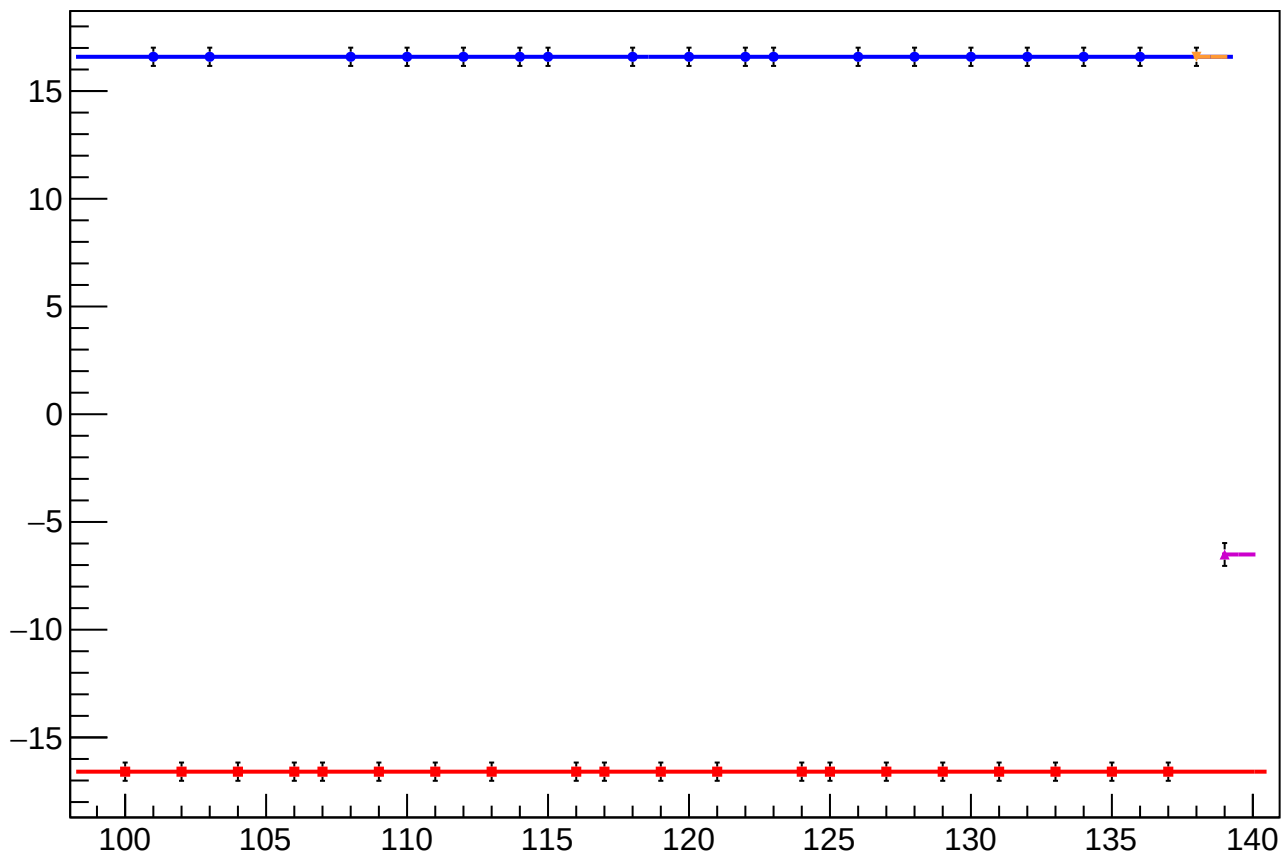
Left In: -0.149 $\pm$ 0.030 χ^2/NDF : 0.0/0

0.218 $\pm$ 0.006 χ^2/NDF : 0.0/17

-0.014 $\pm$ 0.004 χ^2/NDF : 2842.0/38

-0.215 $\pm$ 0.006 χ^2/NDF : 5.1/20

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 16.590 $\pm$ 0.103 χ^2 /NDF: 0.0/16

Left Out: 16.590 $\pm$ 0.424 χ^2 /NDF: 0.0/0

Right Out: -16.590 $\pm$ 0.095 χ^2 /NDF: 0.0/19

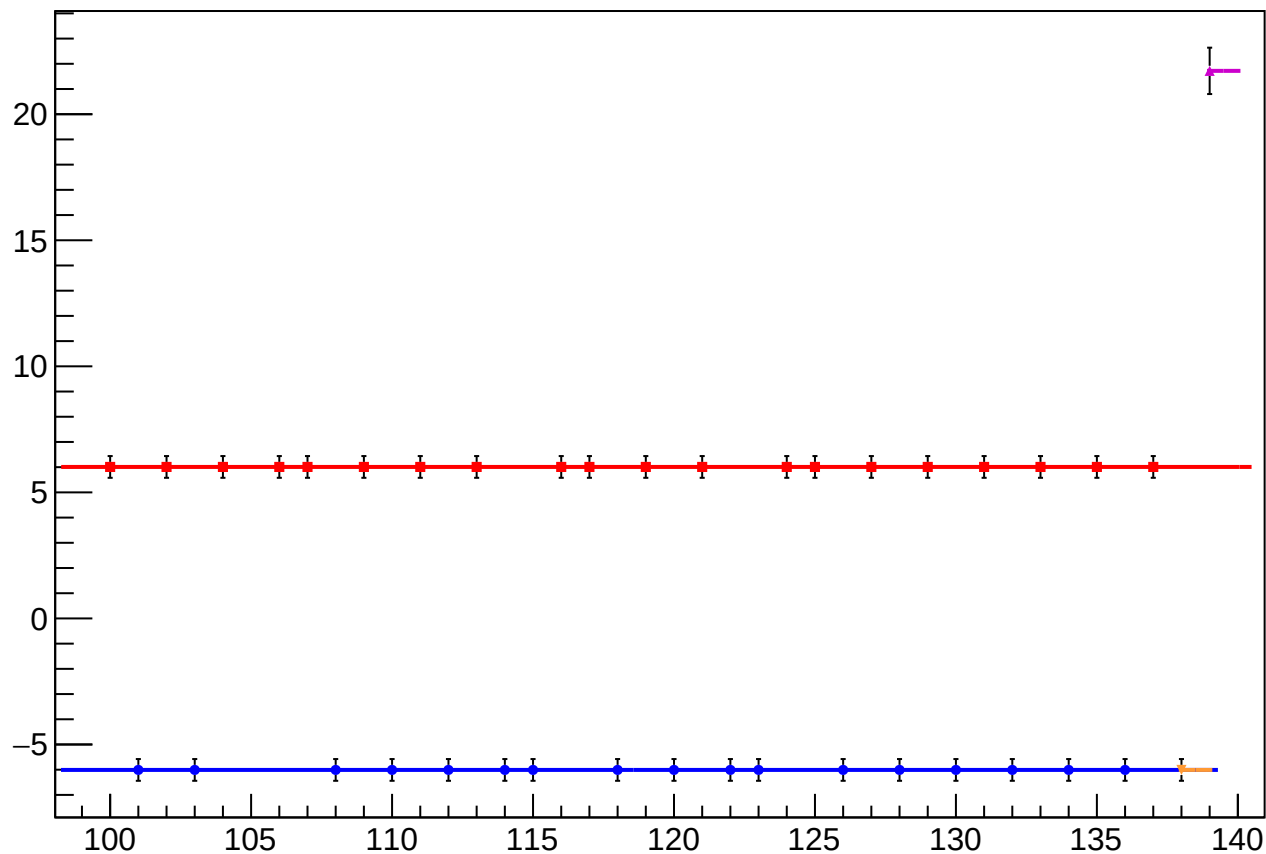
Left In: -6.509 $\pm$ 0.531 χ^2 /NDF: 0.0/0

16.590 $\pm$ 0.100 χ^2 /NDF: 0.0/17

-0.966 $\pm$ 0.068 χ^2 /NDF: 58222.3/38

-16.278 $\pm$ 0.093 χ^2 /NDF: 349.9/20

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.009 ± 0.105 χ^2/NDF : 0.0/16

Left Out: -6.009 ± 0.431 χ^2/NDF : 0.0/0

Right Out: 6.009 ± 0.096 χ^2/NDF : 0.0/19

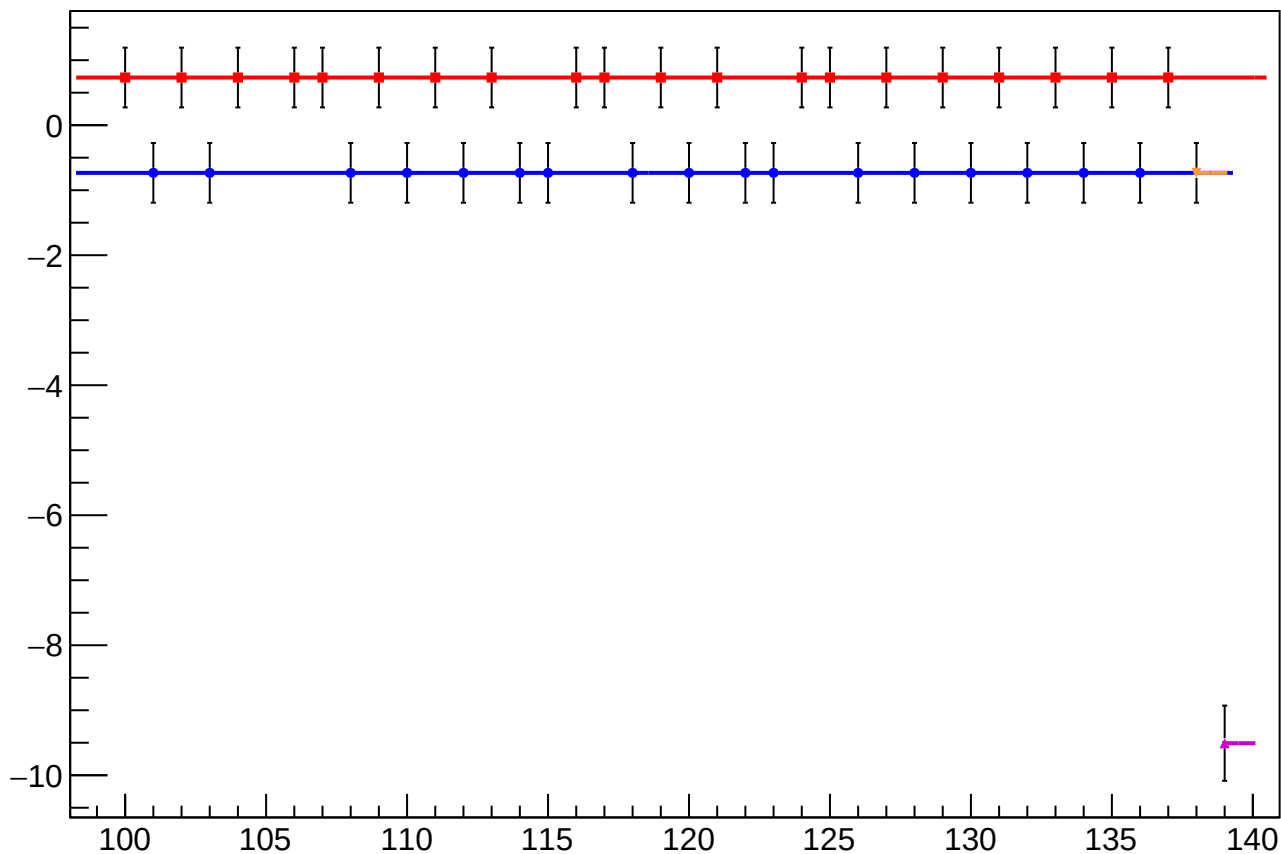
Left In: 21.720 ± 0.920 χ^2/NDF : 0.0/0

-6.009 ± 0.102 χ^2/NDF : 0.0/17

0.439 ± 0.070 χ^2/NDF : 7888.3/38

6.180 ± 0.096 χ^2/NDF : 288.5/20

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.733 ± 0.111 χ^2/NDF : 0.0/16

Left Out: -0.733 ± 0.459 χ^2/NDF : 0.0/0

Right Out: 0.733 ± 0.103 χ^2/NDF : 0.0/19

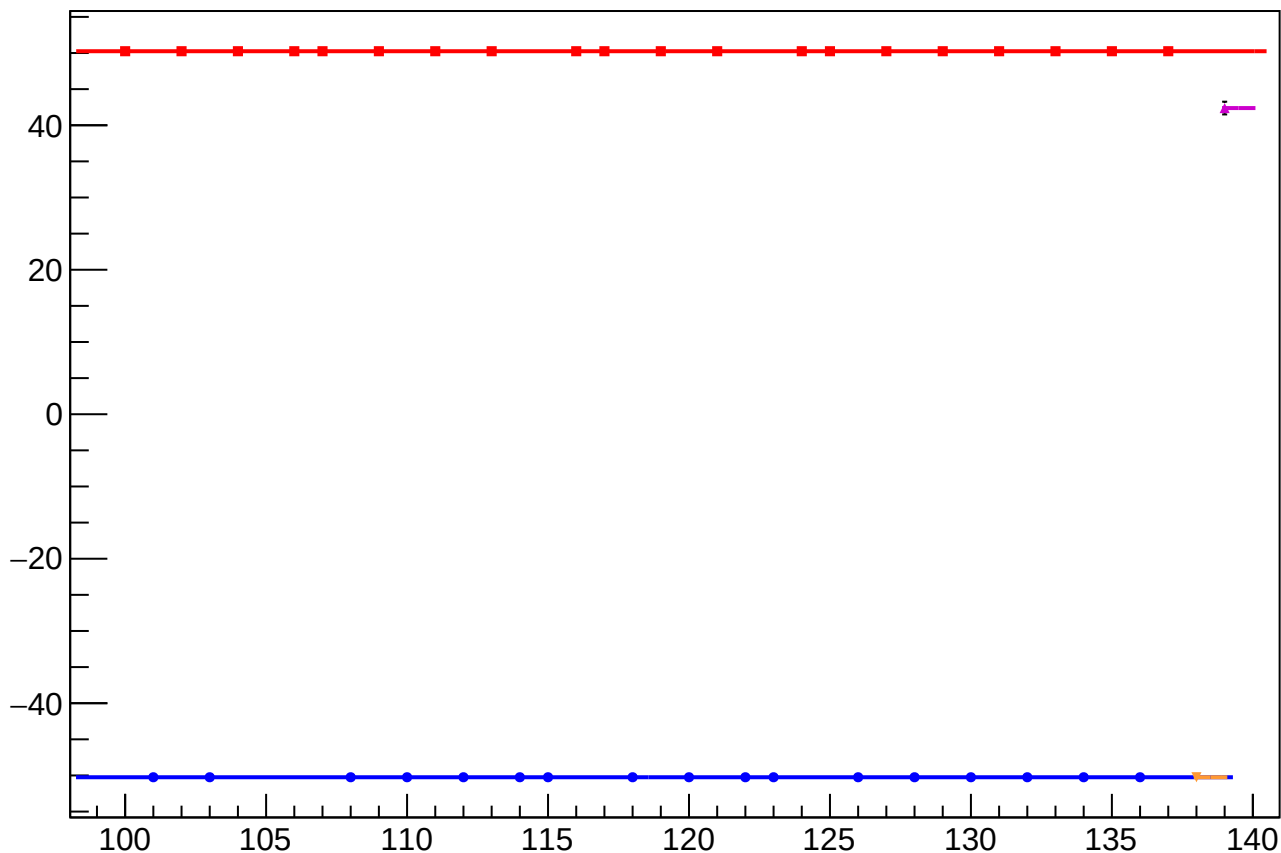
Left In: -9.507 ± 0.578 χ^2/NDF : 0.0/0

-0.733 ± 0.108 χ^2/NDF : 0.0/17

-0.117 ± 0.074 χ^2/NDF : 364.5/38

0.420 ± 0.101 χ^2/NDF : 303.8/20

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -50.248 $\pm$ 0.119 χ^2 /NDF: 0.0/16

Left Out: -50.248 $\pm$ 0.492 χ^2 /NDF: 0.0/0

Right Out: 50.248 $\pm$ 0.110 χ^2 /NDF: 0.0/19

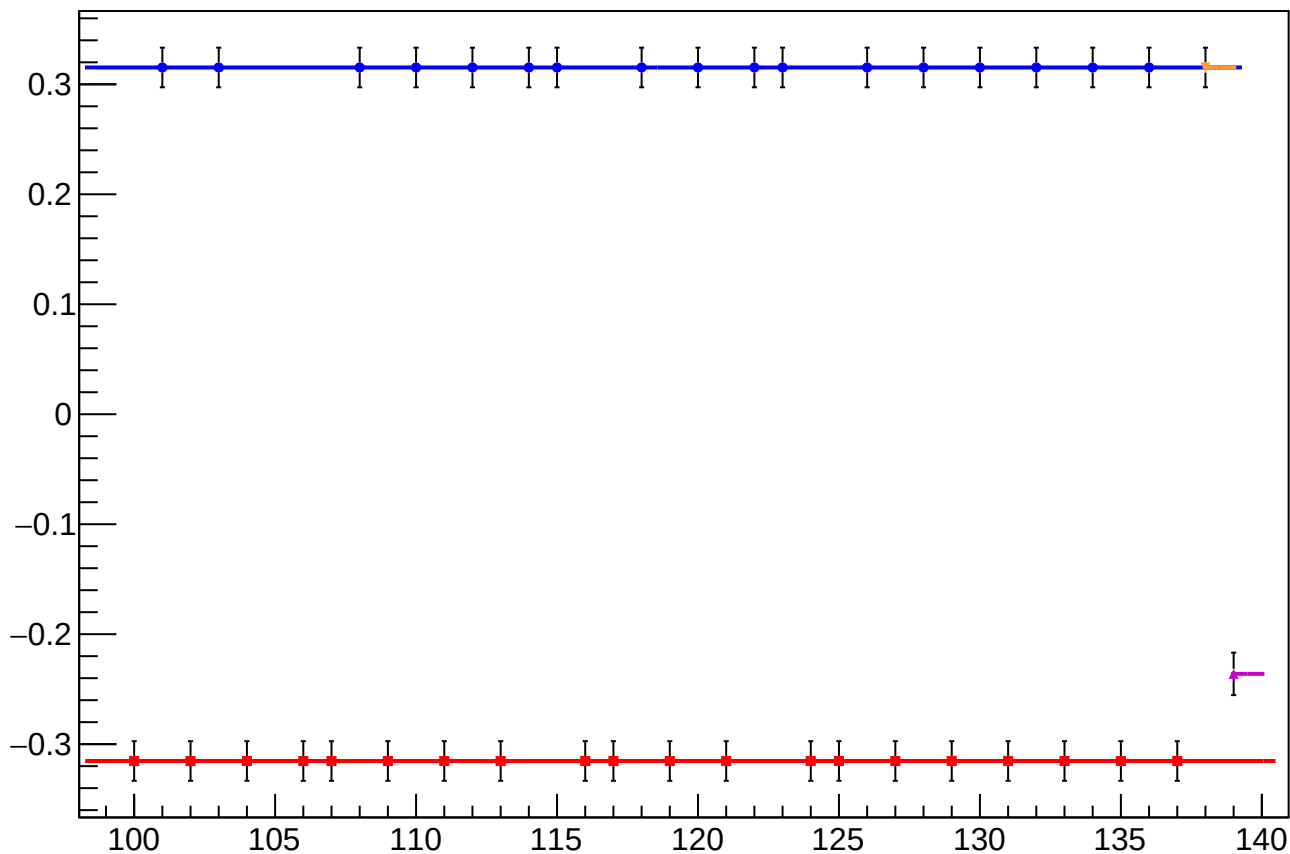
Left In: 42.380 $\pm$ 0.884 χ^2 /NDF: 0.0/0

-50.248 $\pm$ 0.116 χ^2 /NDF: 0.0/17

2.966 $\pm$ 0.079 χ^2 /NDF: 397872.5/38

50.128 $\pm$ 0.109 χ^2 /NDF: 78.1/20

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.315 $\pm$ 0.004 χ^2 /NDF: 0.0/16

Left Out: 0.315 $\pm$ 0.018 χ^2 /NDF: 0.0/0

Right Out: -0.315 $\pm$ 0.004 χ^2 /NDF: 0.0/19

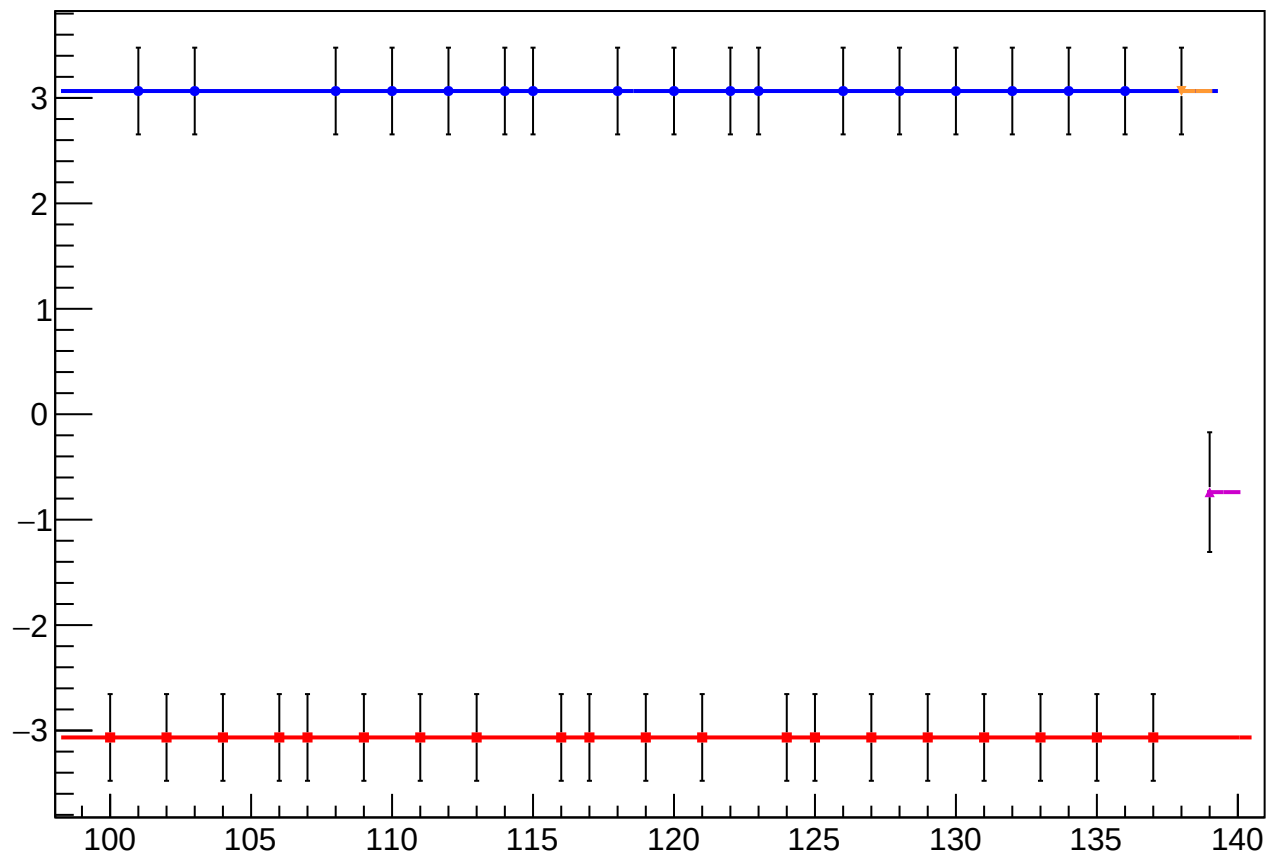
Left In: -0.236 $\pm$ 0.019 χ^2 /NDF: 0.0/0

0.315 $\pm$ 0.004 χ^2 /NDF: 0.0/17

-0.022 $\pm$ 0.003 χ^2 /NDF: 11732.0/38

-0.312 $\pm$ 0.004 χ^2 /NDF: 16.1/20

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.066 ± 0.100 χ^2/NDF : 0.0/16

Left Out: 3.066 ± 0.411 χ^2/NDF : 0.0/0

Right Out: -3.066 ± 0.092 χ^2/NDF : 0.0/19

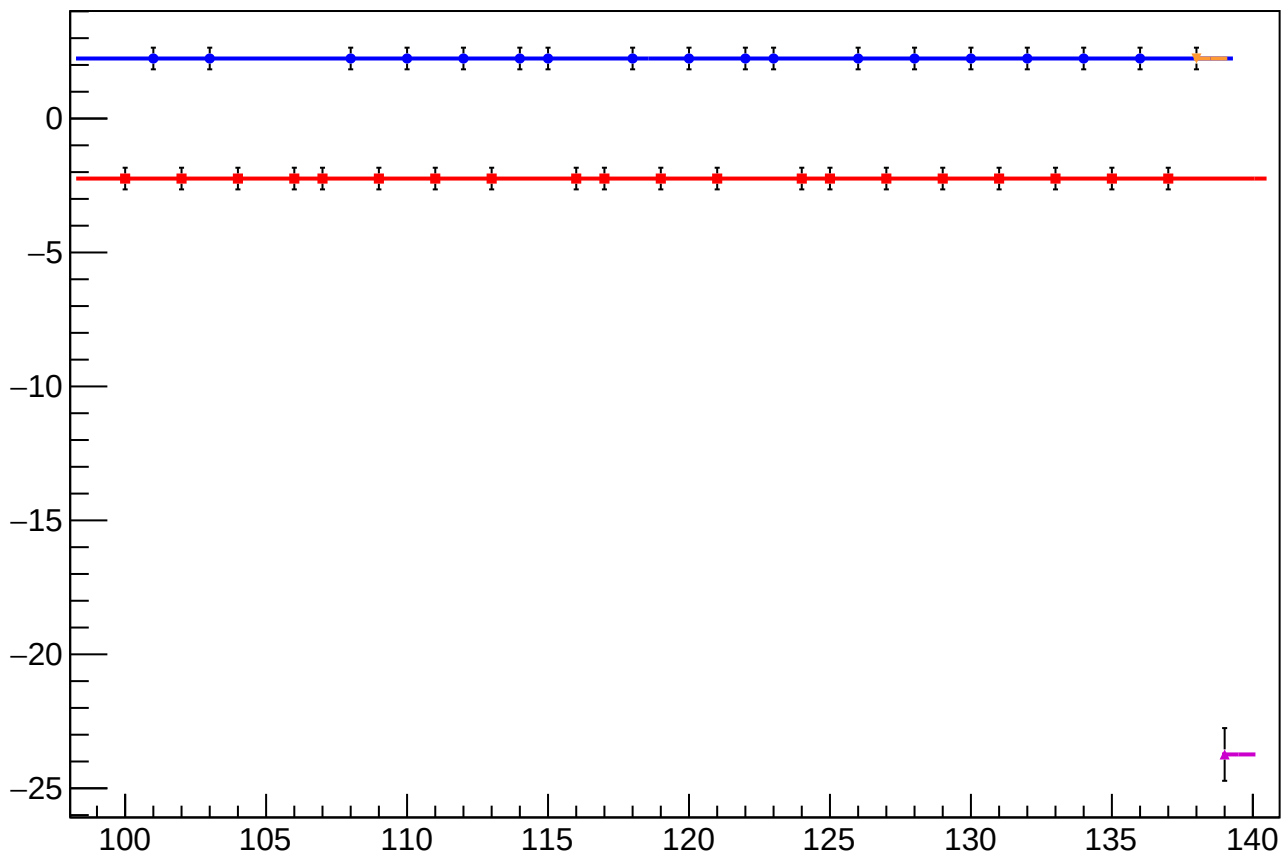
Left In: -0.739 ± 0.568 χ^2/NDF : 0.0/0

3.066 ± 0.097 χ^2/NDF : 0.0/17

-0.169 ± 0.066 χ^2/NDF : 2106.9/38

-3.006 ± 0.091 χ^2/NDF : 16.4/20

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.241 $\pm$ 0.098 χ^2/NDF : 0.0/16

Left Out: 2.241 $\pm$ 0.404 χ^2/NDF : 0.0/0

Right Out: -2.241 $\pm$ 0.090 χ^2/NDF : 0.0/19

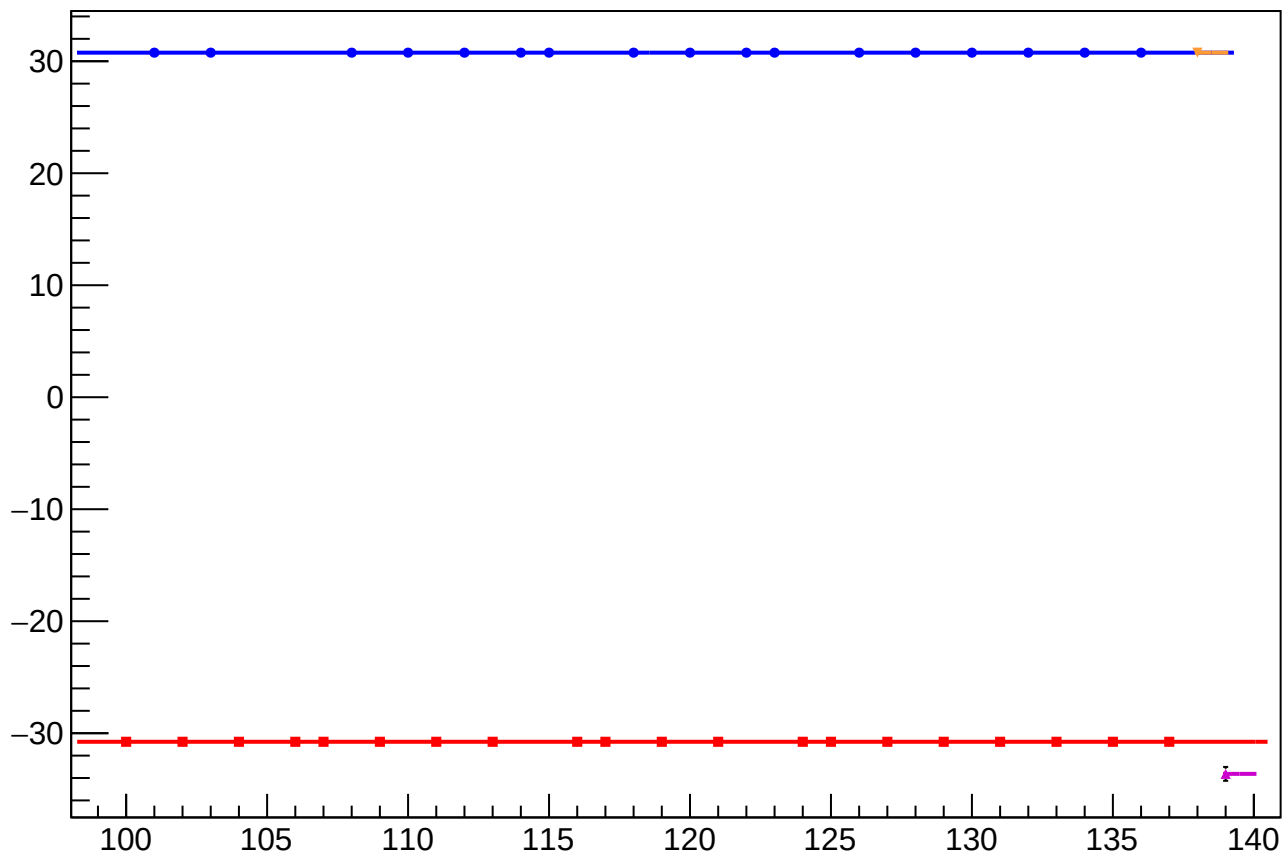
Left In: -23.737 $\pm$ 0.984 χ^2/NDF : 0.0/0

2.241 $\pm$ 0.095 χ^2/NDF : 0.0/17

-0.222 $\pm$ 0.065 χ^2/NDF : 1738.4/38

-2.421 $\pm$ 0.090 χ^2/NDF : 473.4/20

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.765 $\pm$ 0.108 χ^2 /NDF: 0.0/16

Left Out: 30.765 $\pm$ 0.446 χ^2 /NDF: 0.0/0

Right Out: -30.765 $\pm$ 0.100 χ^2 /NDF: 0.0/19

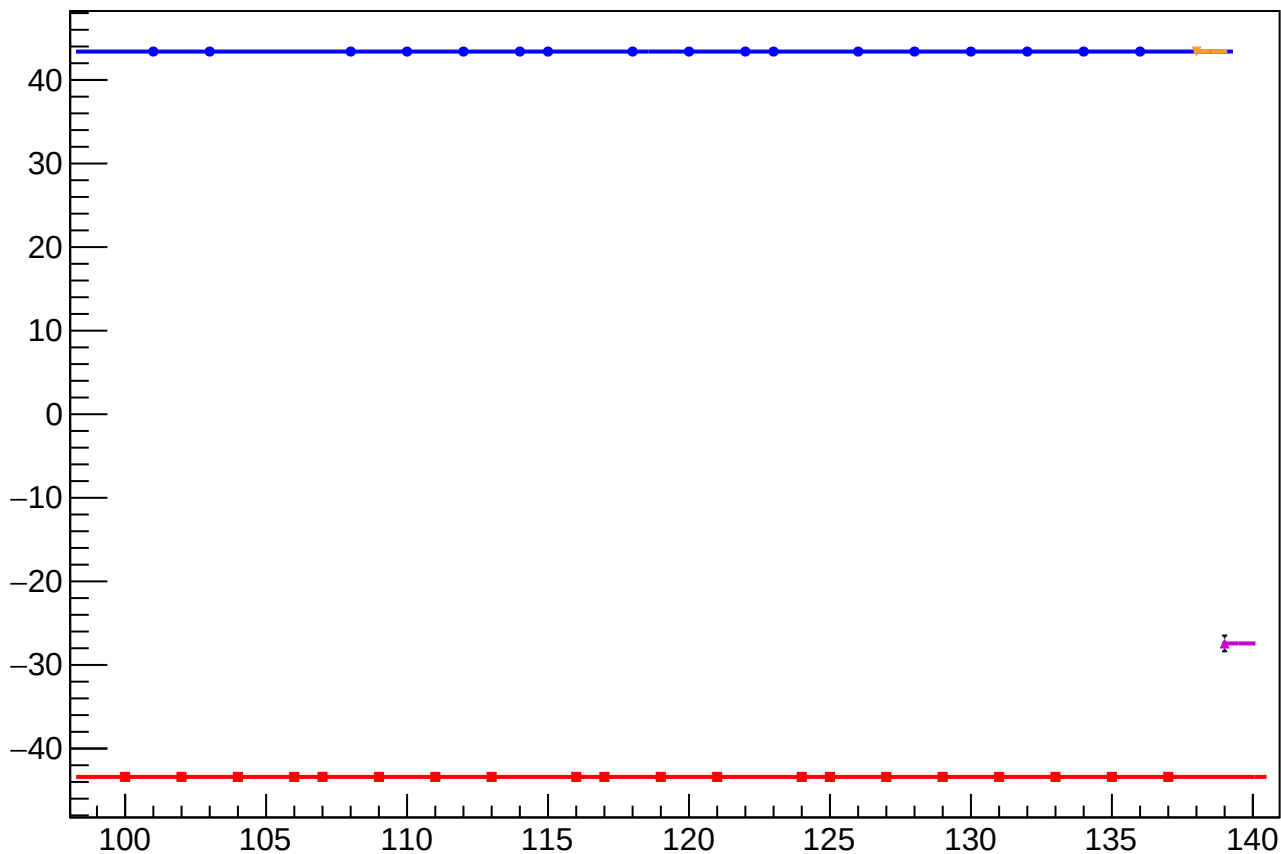
Left In: -33.630 $\pm$ 0.619 χ^2 /NDF: 0.0/0

30.765 $\pm$ 0.105 χ^2 /NDF: 0.0/17

-2.050 $\pm$ 0.072 χ^2 /NDF: 183096.7/38

-30.837 $\pm$ 0.098 χ^2 /NDF: 20.9/20

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.396 $\pm$ 0.113 χ^2 /NDF: 0.0/16

Left Out: 43.396 $\pm$ 0.465 χ^2 /NDF: 0.0/0

Right Out: -43.396 $\pm$ 0.104 χ^2 /NDF: 0.0/19

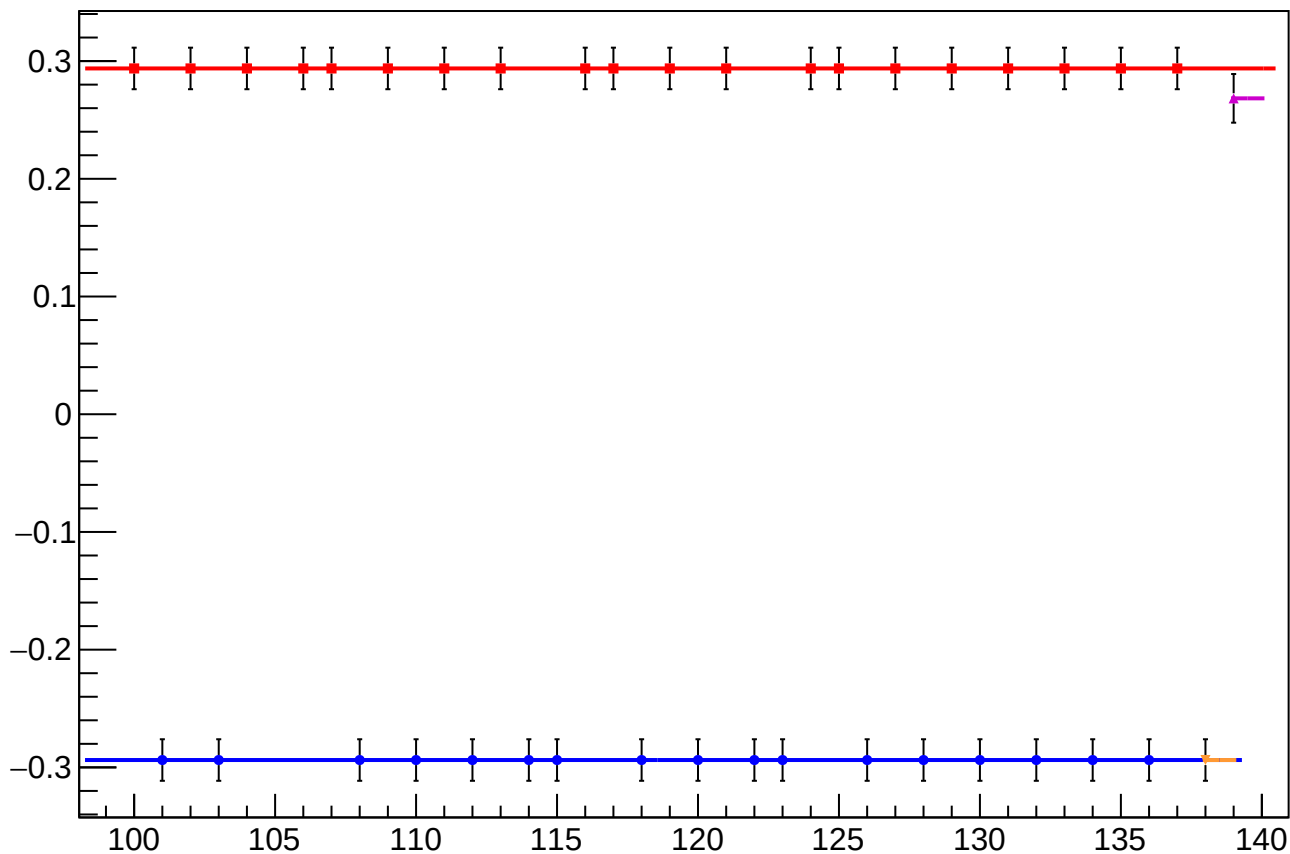
Left In: -27.425 $\pm$ 0.945 χ^2 /NDF: 0.0/0

43.396 $\pm$ 0.110 χ^2 /NDF: 0.0/17

-2.443 $\pm$ 0.075 χ^2 /NDF: 331261.8/38

-43.205 $\pm$ 0.103 χ^2 /NDF: 282.3/20

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.294 $\pm$ 0.004 χ^2/NDF : 0.0/16

Left Out: -0.294 $\pm$ 0.018 χ^2/NDF : 0.0/0

Right Out: 0.294 $\pm$ 0.004 χ^2/NDF : 0.0/19

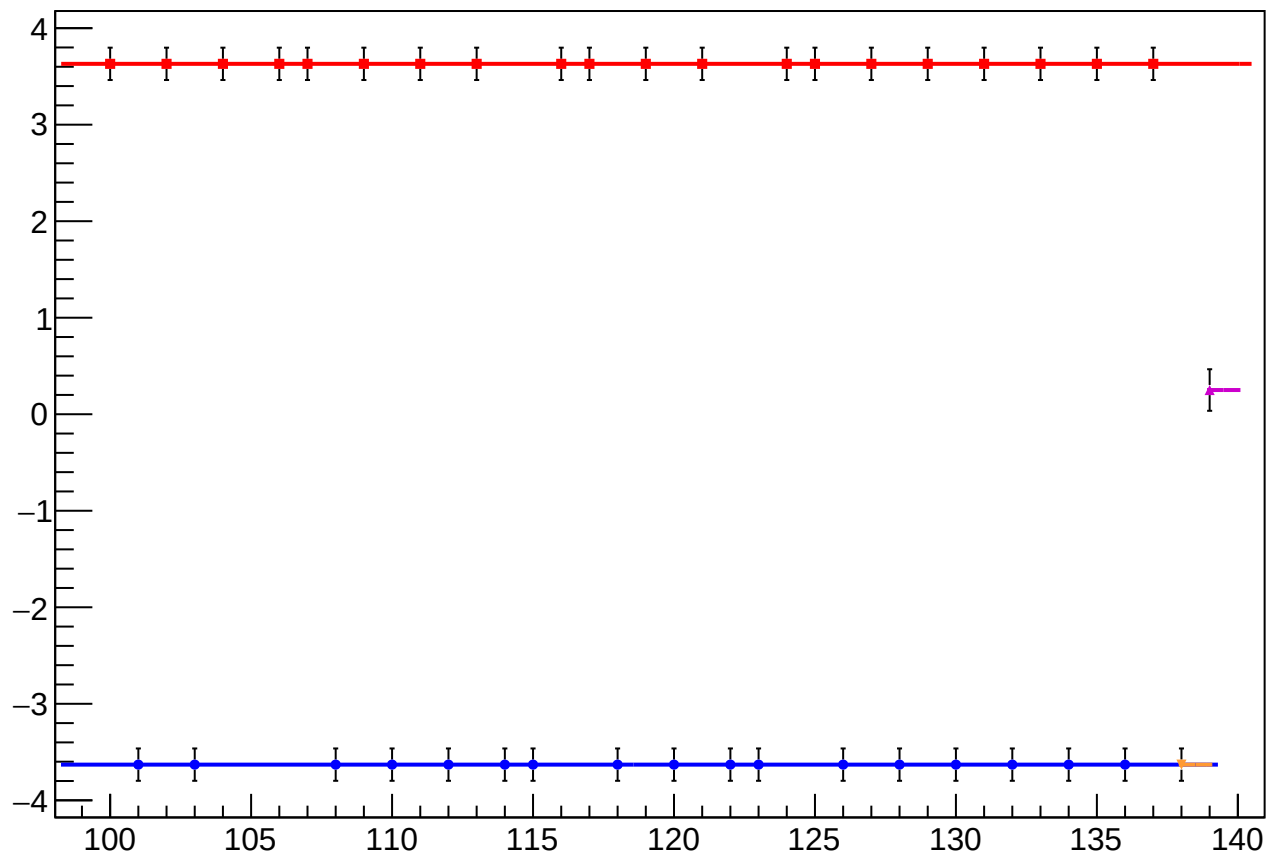
Left In: 0.268 $\pm$ 0.021 χ^2/NDF : 0.0/0

-0.294 $\pm$ 0.004 χ^2/NDF : 0.0/17

0.020 $\pm$ 0.003 χ^2/NDF : 10647.9/38

0.293 $\pm$ 0.004 χ^2/NDF : 1.5/20

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.630 ± 0.041 χ^2/NDF : 0.0/16

Left Out: -3.630 ± 0.168 χ^2/NDF : 0.0/0

Right Out: 3.630 ± 0.037 χ^2/NDF : 0.0/19

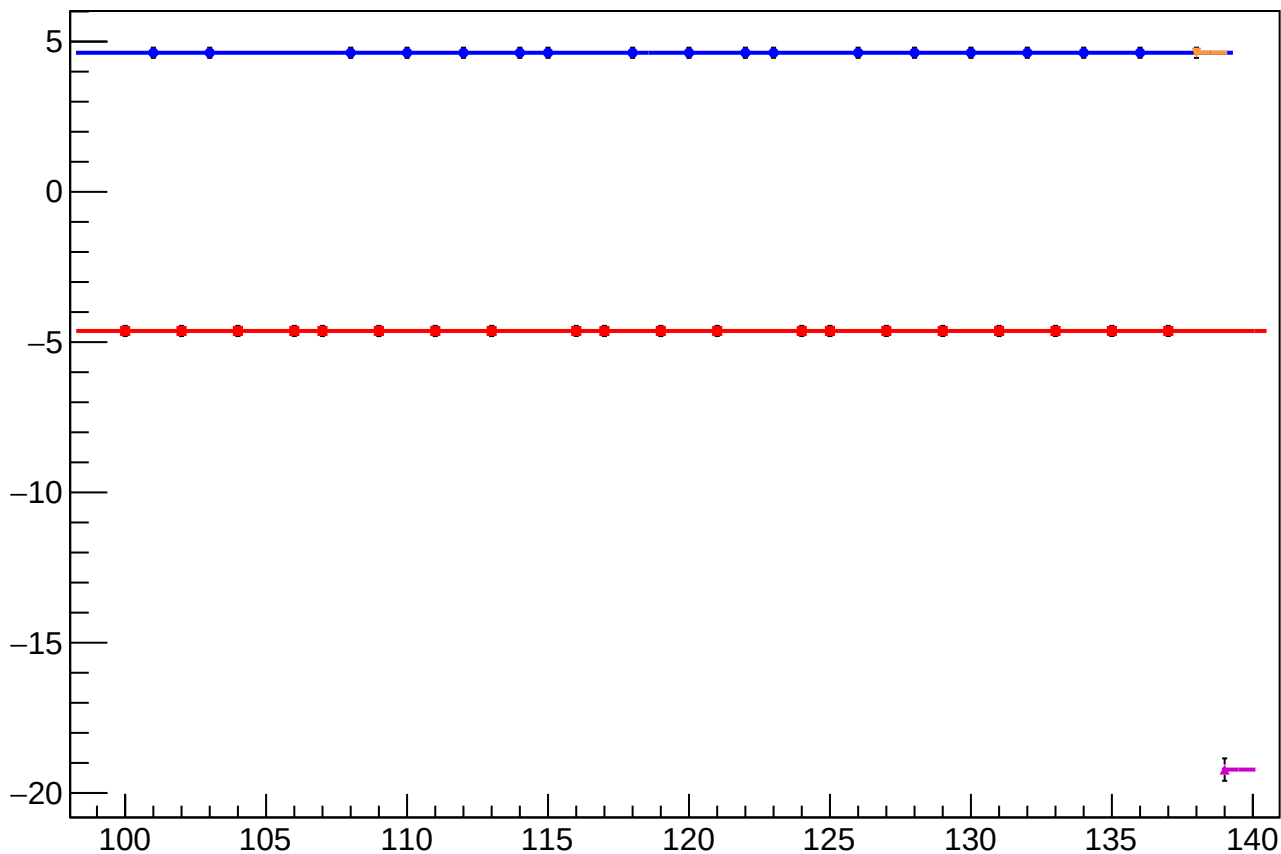
Left In: 0.251 ± 0.215 χ^2/NDF : 0.0/0

-3.630 ± 0.039 χ^2/NDF : 0.0/17

0.192 ± 0.027 χ^2/NDF : 17794.0/38

3.531 ± 0.037 χ^2/NDF : 239.2/20

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.628+/-0.041 χ^2/NDF : 0.0/16

Left Out: 4.628+/-0.169 χ^2/NDF : 0.0/0

Right Out: -4.628+/-0.038 χ^2/NDF : 0.0/19

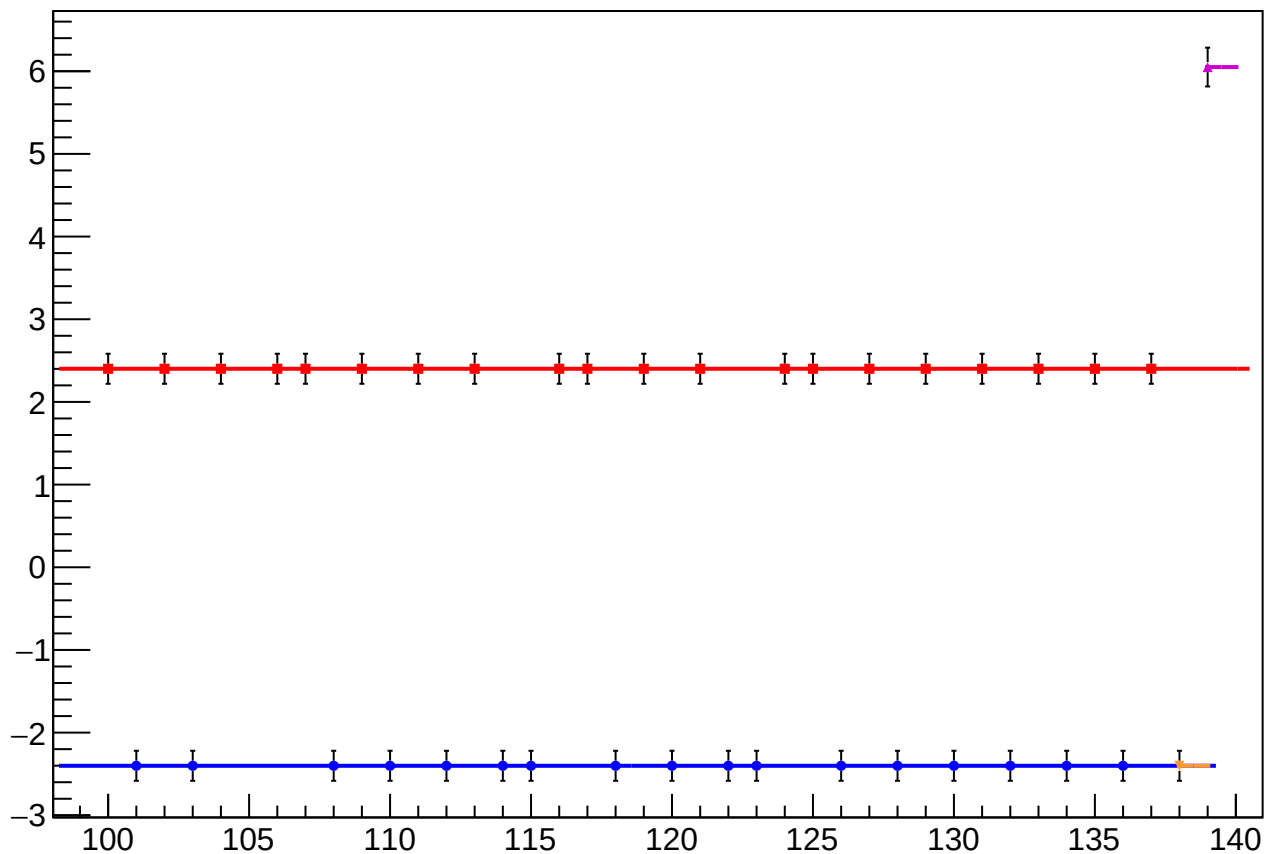
Left In: -19.221+/-0.373 χ^2/NDF : 0.0/0

4.628+/-0.040 χ^2/NDF : 0.0/17

-0.346+/-0.027 χ^2/NDF : 30944.4/38

-4.776+/-0.038 χ^2/NDF : 1513.6/20

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.401 $\pm$ 0.044 χ^2 /NDF: 0.0/16

Left Out: -2.401 $\pm$ 0.182 χ^2 /NDF: 0.0/0

Right Out: 2.401 $\pm$ 0.041 χ^2 /NDF: 0.0/19

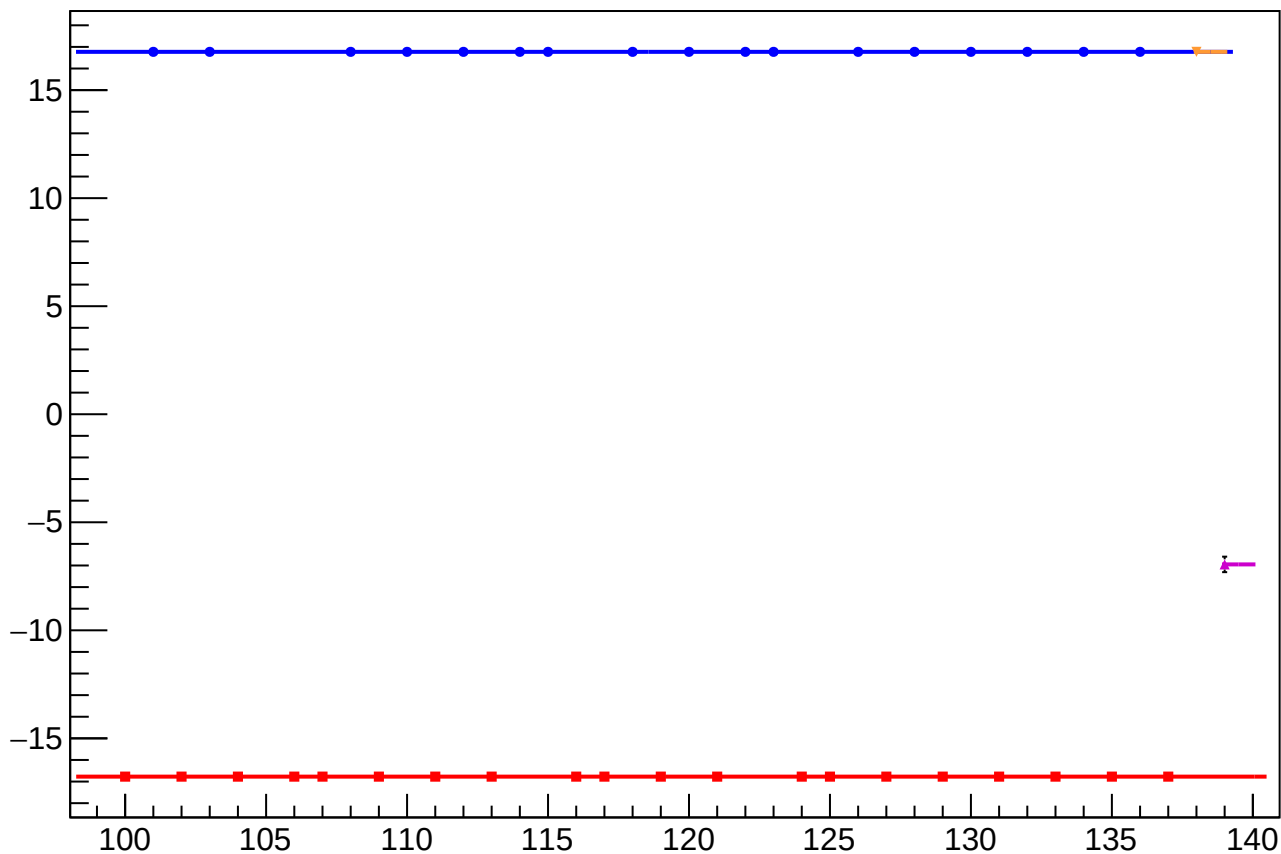
Left In: 6.050 $\pm$ 0.235 χ^2 /NDF: 0.0/0

-2.401 $\pm$ 0.043 χ^2 /NDF: 0.0/17

0.218 $\pm$ 0.029 χ^2 /NDF: 7249.6/38

2.507 $\pm$ 0.040 χ^2 /NDF: 234.7/20

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.771 $\pm$ 0.047 χ^2 /NDF: 0.0/16

Left Out: 16.771 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Right Out: -16.771 $\pm$ 0.043 χ^2 /NDF: 0.0/19

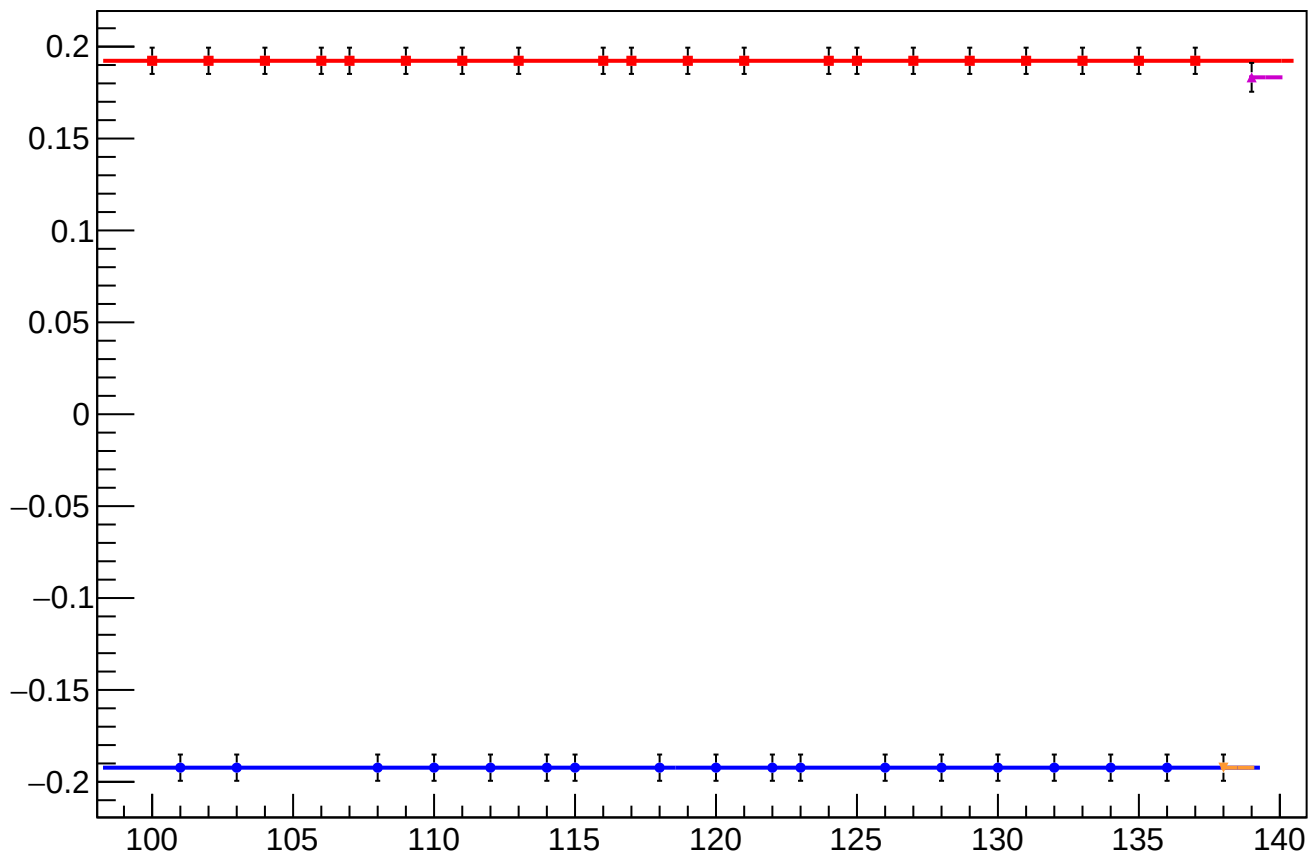
Left In: -6.950 $\pm$ 0.358 χ^2 /NDF: 0.0/0

16.771 $\pm$ 0.046 χ^2 /NDF: 0.0/17

-0.929 $\pm$ 0.031 χ^2 /NDF: 286054.9/38

-16.631 $\pm$ 0.043 χ^2 /NDF: 740.0/20

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.192 ± 0.002 χ^2/NDF : 0.0/16

Left Out: -0.192 ± 0.007 χ^2/NDF : 0.0/0

Right Out: 0.192 ± 0.002 χ^2/NDF : 0.0/19

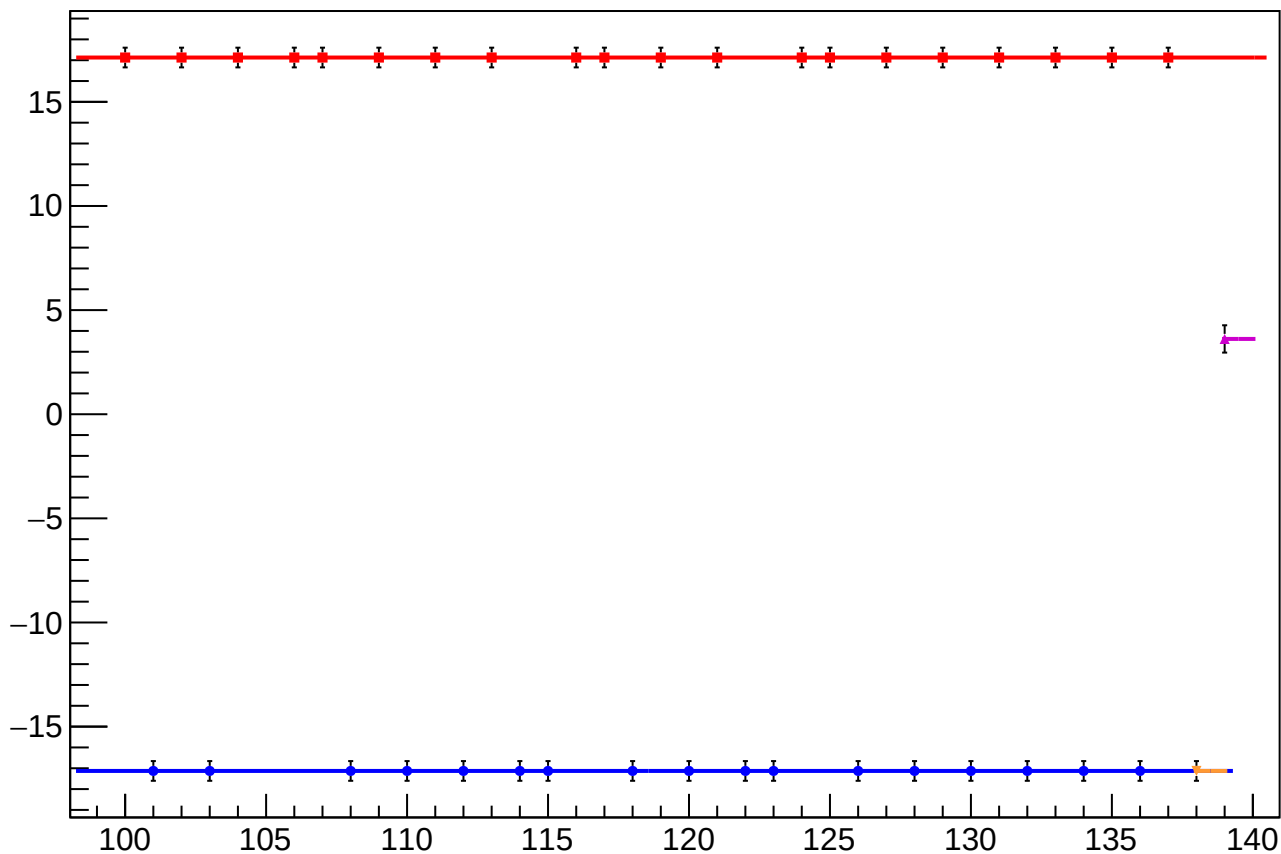
Left In: 0.183 ± 0.008 χ^2/NDF : 0.0/0

-0.192 ± 0.002 χ^2/NDF : 0.0/17

0.014 ± 0.001 χ^2/NDF : 27940.4/38

0.192 ± 0.002 χ^2/NDF : 1.3/20

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.128 ± 0.115 χ^2/NDF : 0.0/16

Left Out: -17.128 ± 0.473 χ^2/NDF : 0.0/0

Right Out: 17.128 ± 0.106 χ^2/NDF : 0.0/19

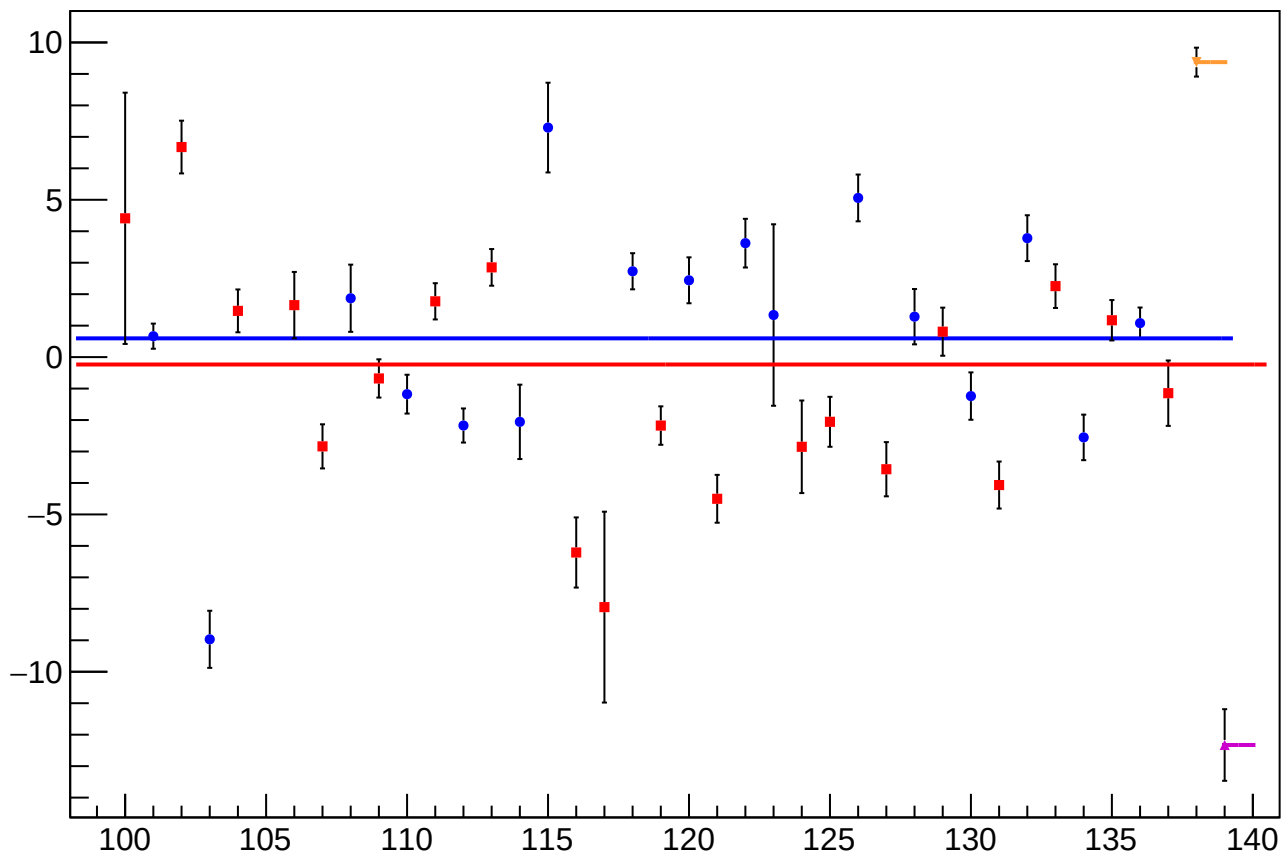
Left In: 3.616 ± 0.656 χ^2/NDF : 0.0/0

-17.128 ± 0.112 χ^2/NDF : 0.0/17

0.938 ± 0.076 χ^2/NDF : 49611.8/38

16.785 ± 0.105 χ^2/NDF : 413.6/20

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: -0.235 $\pm$ 0.174 χ^2 /NDF: 280.0/19

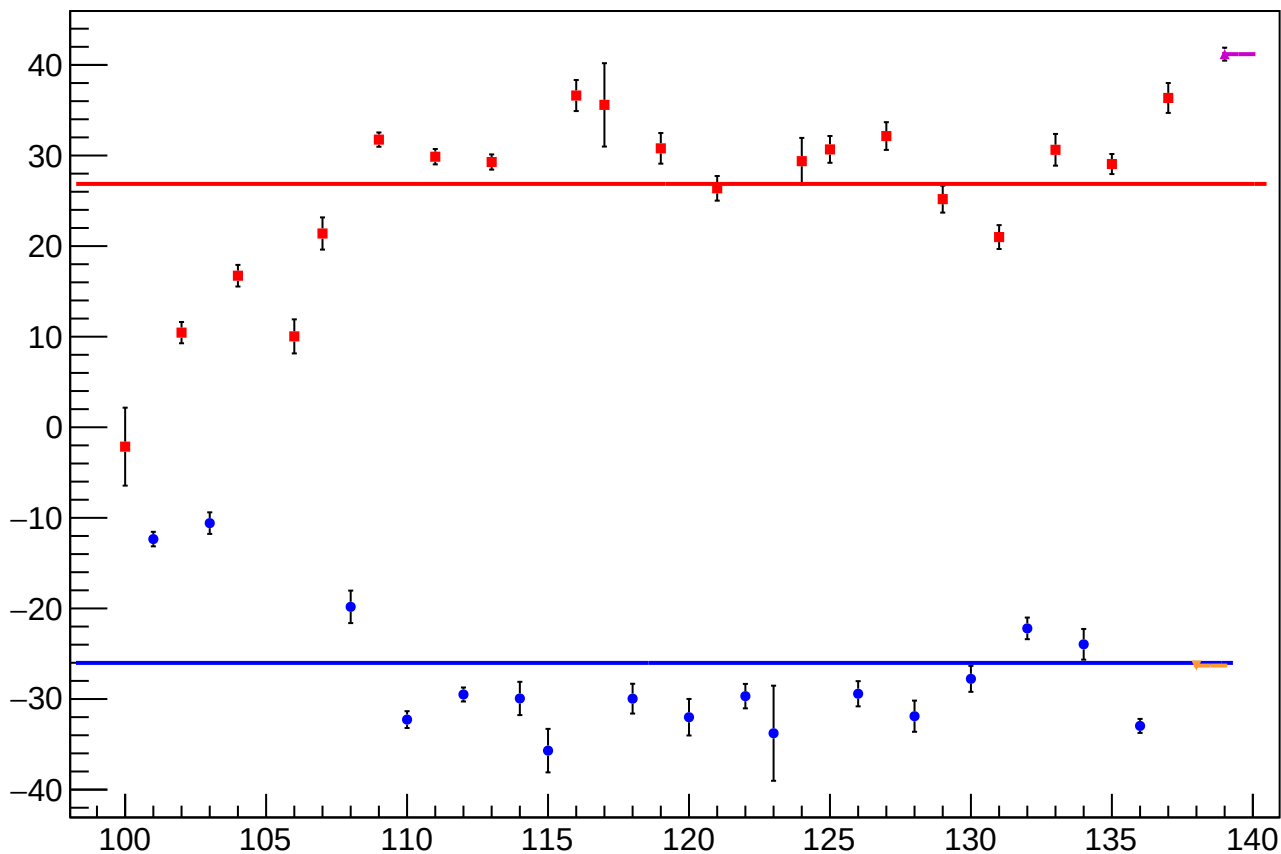
Left In: -12.328 $\pm$ 1.138 χ^2 /NDF: 0.0/0

1.642 $\pm$ 0.159 χ^2 /NDF: 612.7/17

0.654 $\pm$ 0.117 χ^2 /NDF: 1087.7/38

-0.512 $\pm$ 0.172 χ^2 /NDF: 390.3/20

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: 26.866 ± 0.297 χ^2/NDF : 585.2/19

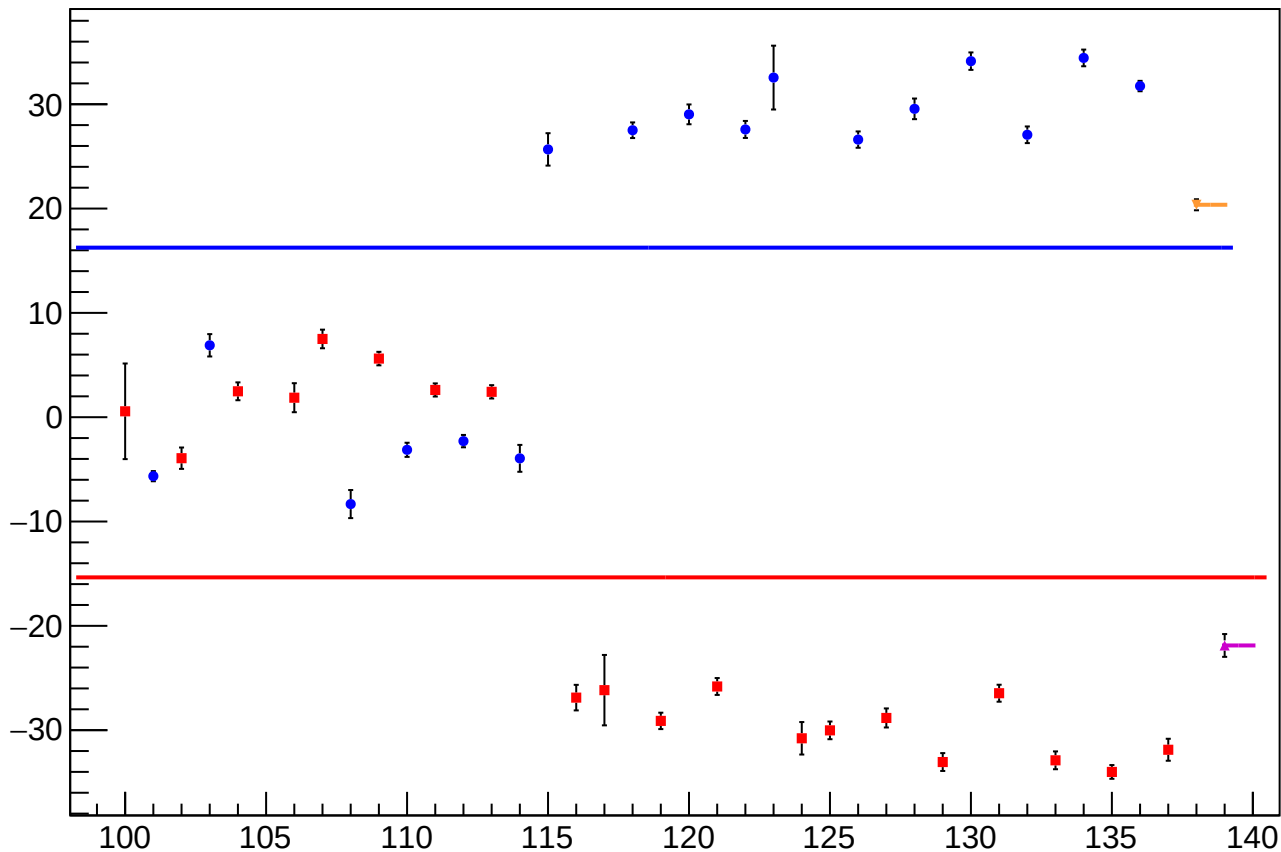
Left In: 41.190 ± 0.715 χ^2/NDF : 0.0/0

-26.086 ± 0.259 χ^2/NDF : 693.1/17

-0.156 ± 0.188 χ^2/NDF : 22952.2/38

28.971 ± 0.274 χ^2/NDF : 927.5/20

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: -15.355+/-0.197 χ^2/NDF : 7290.4/19

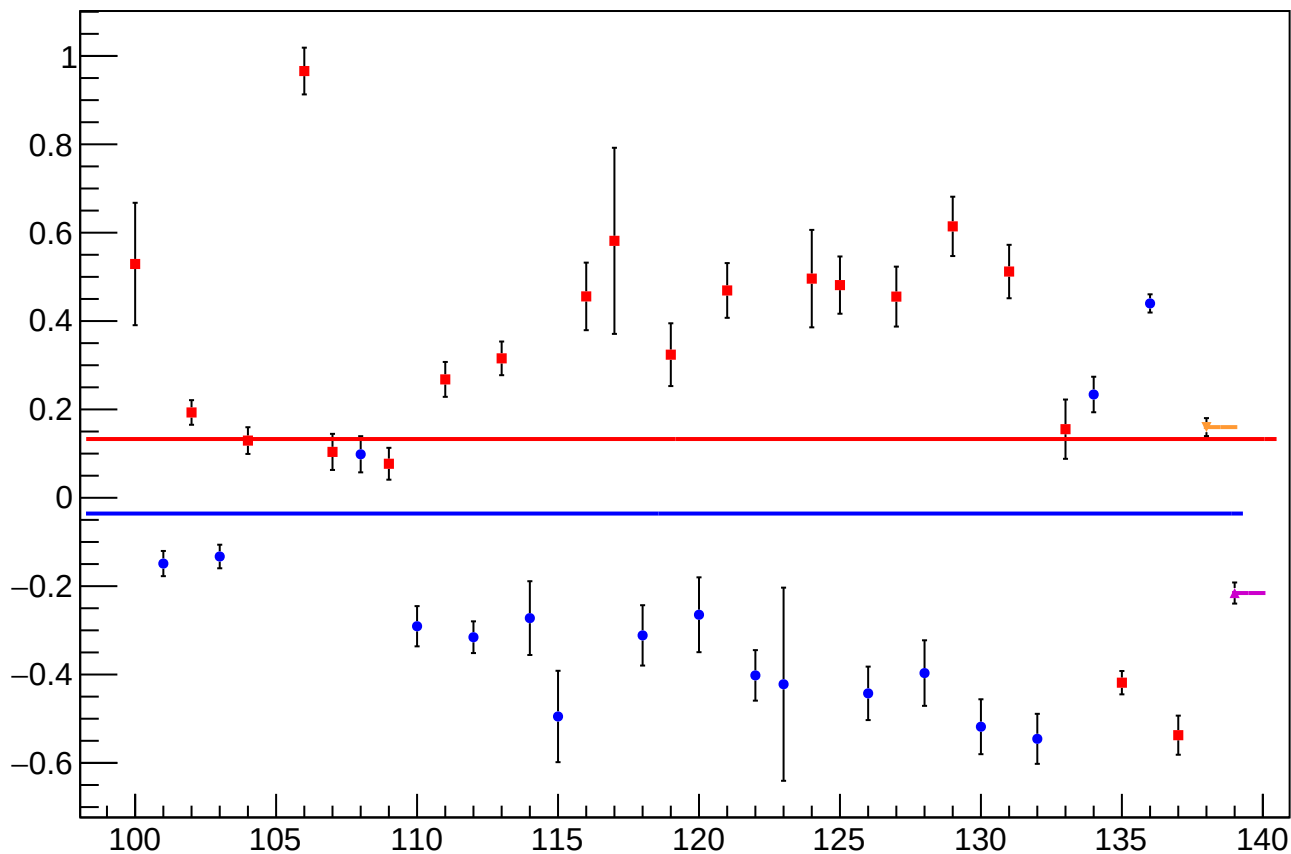
Left In: -21.880+/-1.093 χ^2/NDF : 0.0/0

16.725+/-0.180 χ^2/NDF : 7664.5/17

1.777+/-0.132 χ^2/NDF : 29930.8/38

-15.559+/-0.194 χ^2/NDF : 7324.9/20

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: 0.133 ± 0.010 χ^2/NDF : 1175.8/19

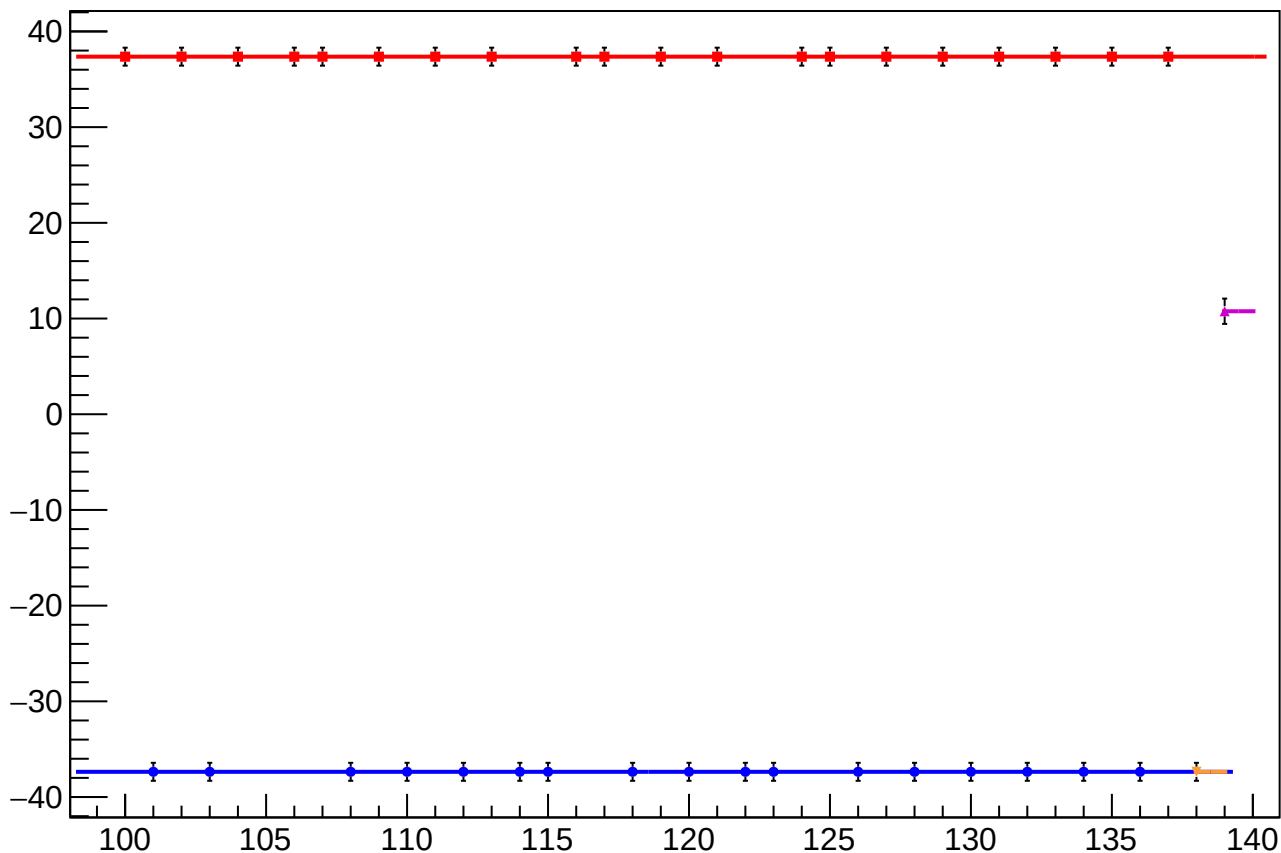
Left In: -0.216 ± 0.024 χ^2/NDF : 0.0/0

0.004 ± 0.009 χ^2/NDF : 1088.1/17

0.040 ± 0.007 χ^2/NDF : 2474.3/38

0.078 ± 0.009 χ^2/NDF : 1355.3/20

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.364 $\pm$ 0.228 χ^2 /NDF: 0.0/16

Left Out: -37.364 $\pm$ 0.939 χ^2 /NDF: 0.0/0

Right Out: 37.364 $\pm$ 0.210 χ^2 /NDF: 0.0/19

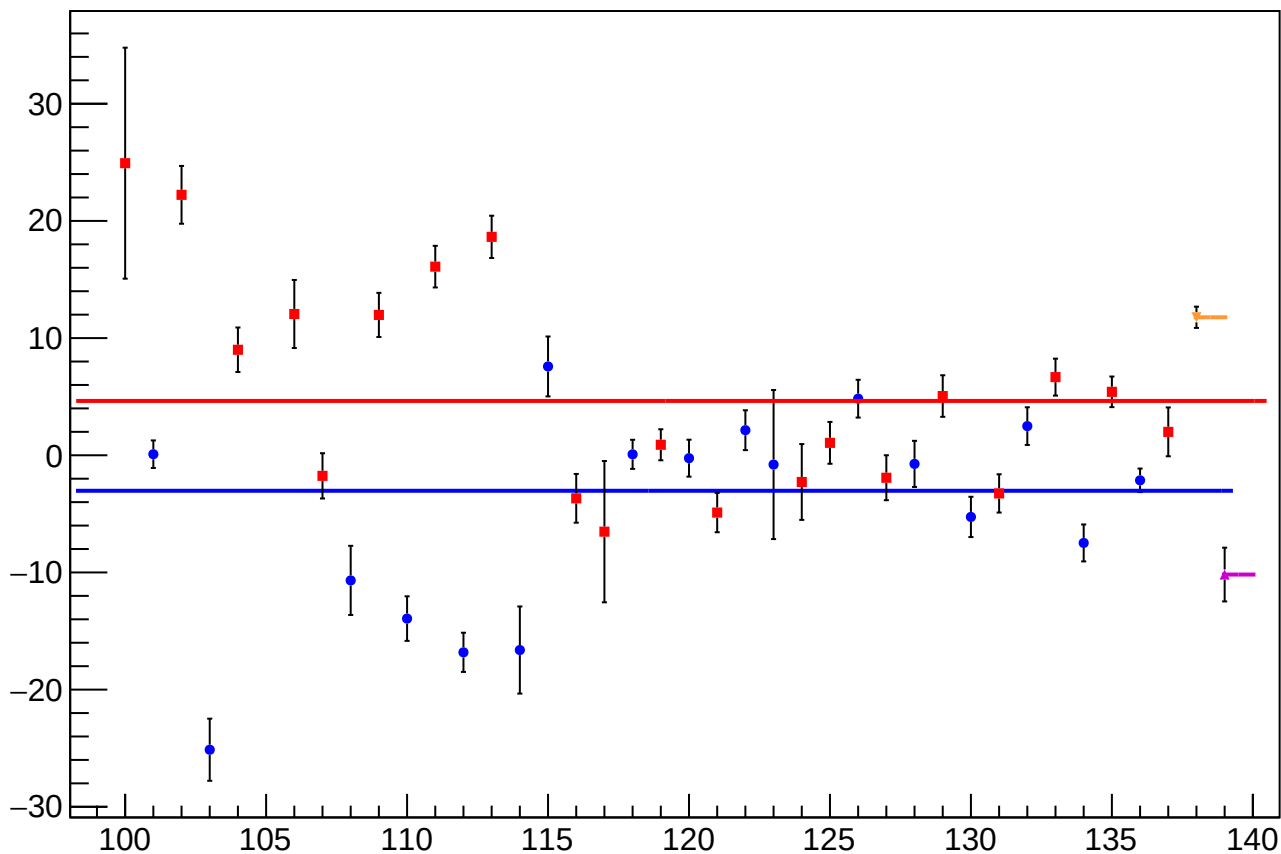
Left In: 10.761 $\pm$ 1.322 χ^2 /NDF: 0.0/0

-37.364 $\pm$ 0.221 χ^2 /NDF: 0.0/17

2.082 $\pm$ 0.151 χ^2 /NDF: 60017.7/38

36.710 $\pm$ 0.207 χ^2 /NDF: 395.0/20

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: 4.638+/-0.426 χ^2/NDF : 301.7/19

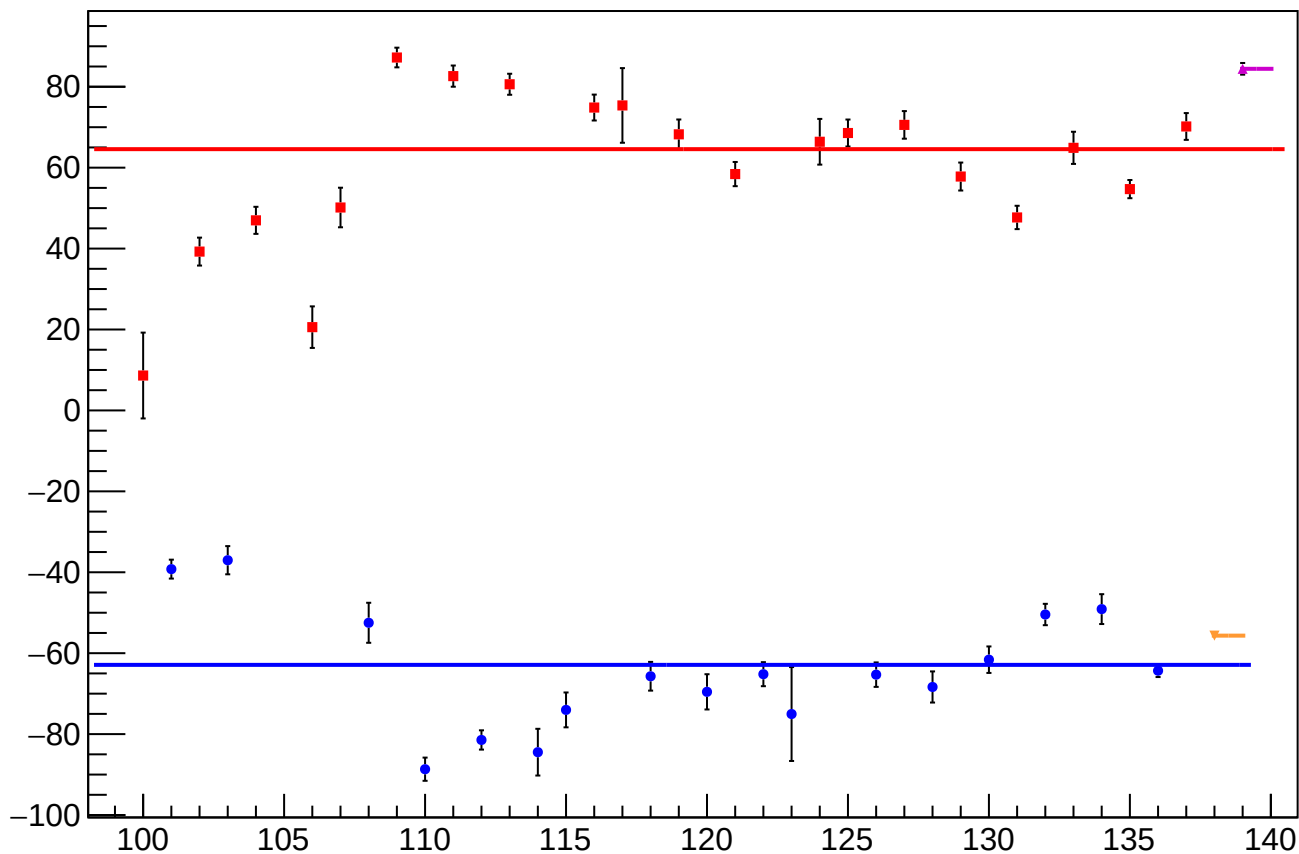
Left In: -10.180+/-2.293 χ^2/NDF : 0.0/0

-0.542+/-0.372 χ^2/NDF : 502.6/17

1.525+/-0.278 χ^2/NDF : 914.8/38

4.145+/-0.418 χ^2/NDF : 342.1/20

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: 64.574 ± 0.749 χ^2/NDF : 445.5/19

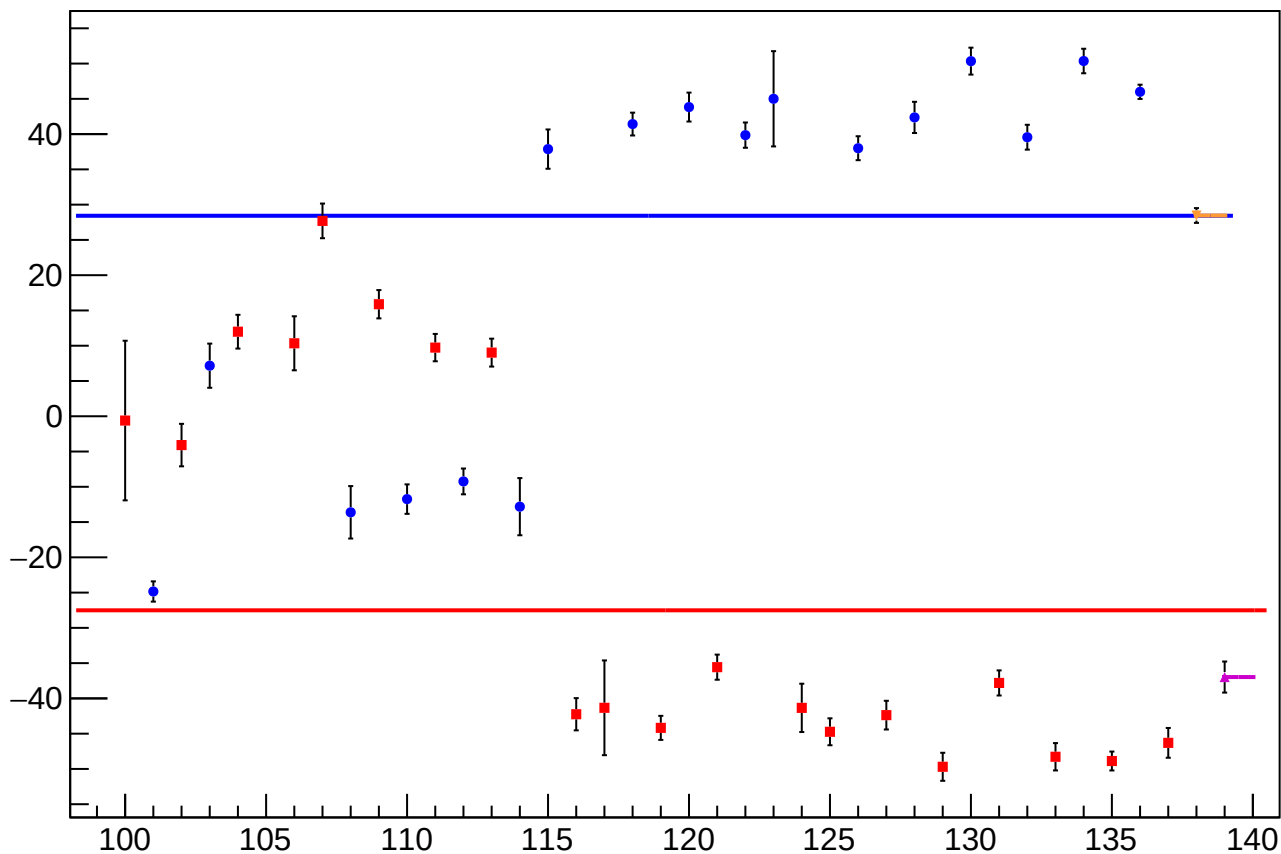
Left In: 84.432 ± 1.441 χ^2/NDF : 0.0/0

-60.397 ± 0.597 χ^2/NDF : 401.8/17

-2.645 ± 0.444 χ^2/NDF : 21901.6/38

68.793 ± 0.664 χ^2/NDF : 594.9/20

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425+/-0.457 χ^2/NDF : 3330.3/16

Left Out: 28.463+/-1.048 χ^2/NDF : 0.0/0

Right Out: -27.512+/-0.477 χ^2/NDF : 3037.3/19

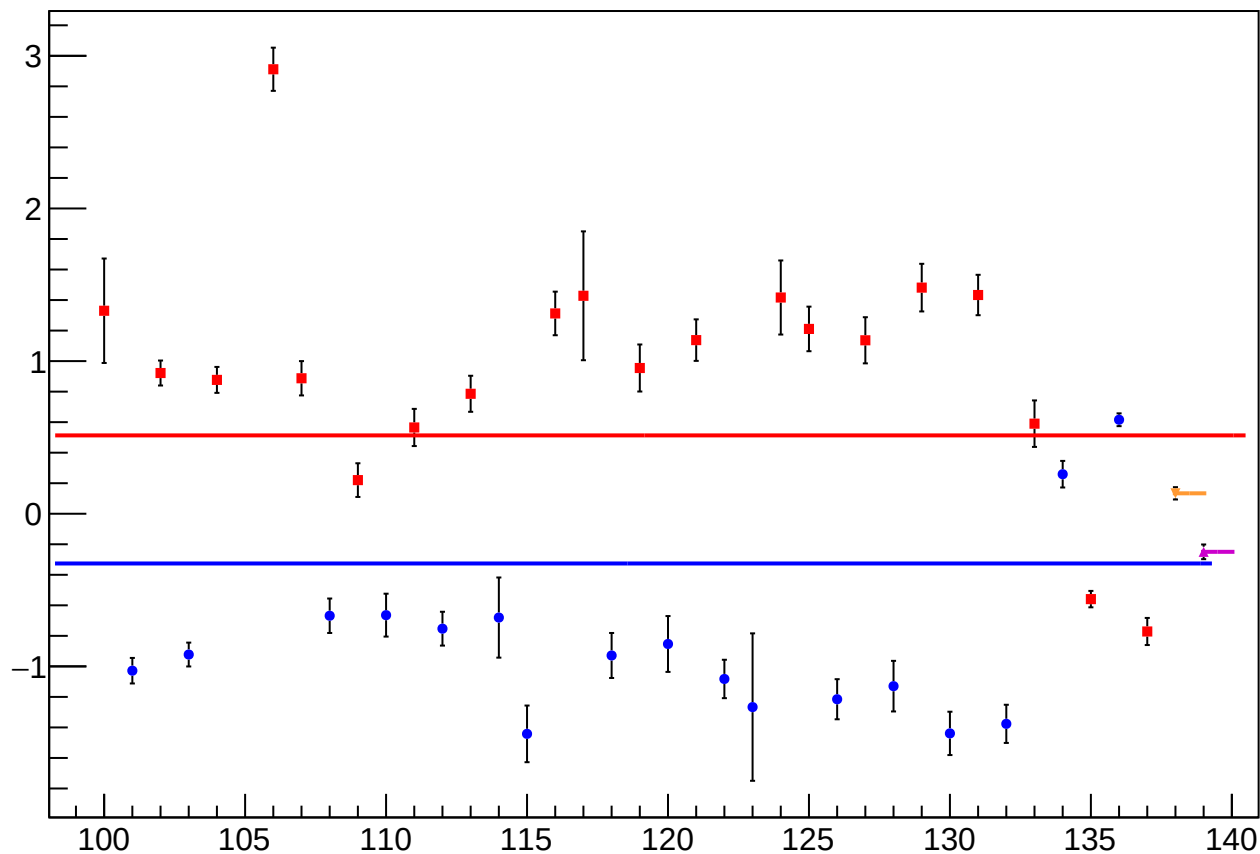
Left In: -36.973+/-2.203 χ^2/NDF : 0.0/0

28.431+/-0.419 χ^2/NDF : 3330.3/17

3.270+/-0.312 χ^2/NDF : 14464.5/38

-27.936+/-0.467 χ^2/NDF : 3054.9/20

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.134 ± 0.040 χ^2/NDF : 0.0/0

Right Out: 0.513 ± 0.026 χ^2/NDF : 1174.1/19

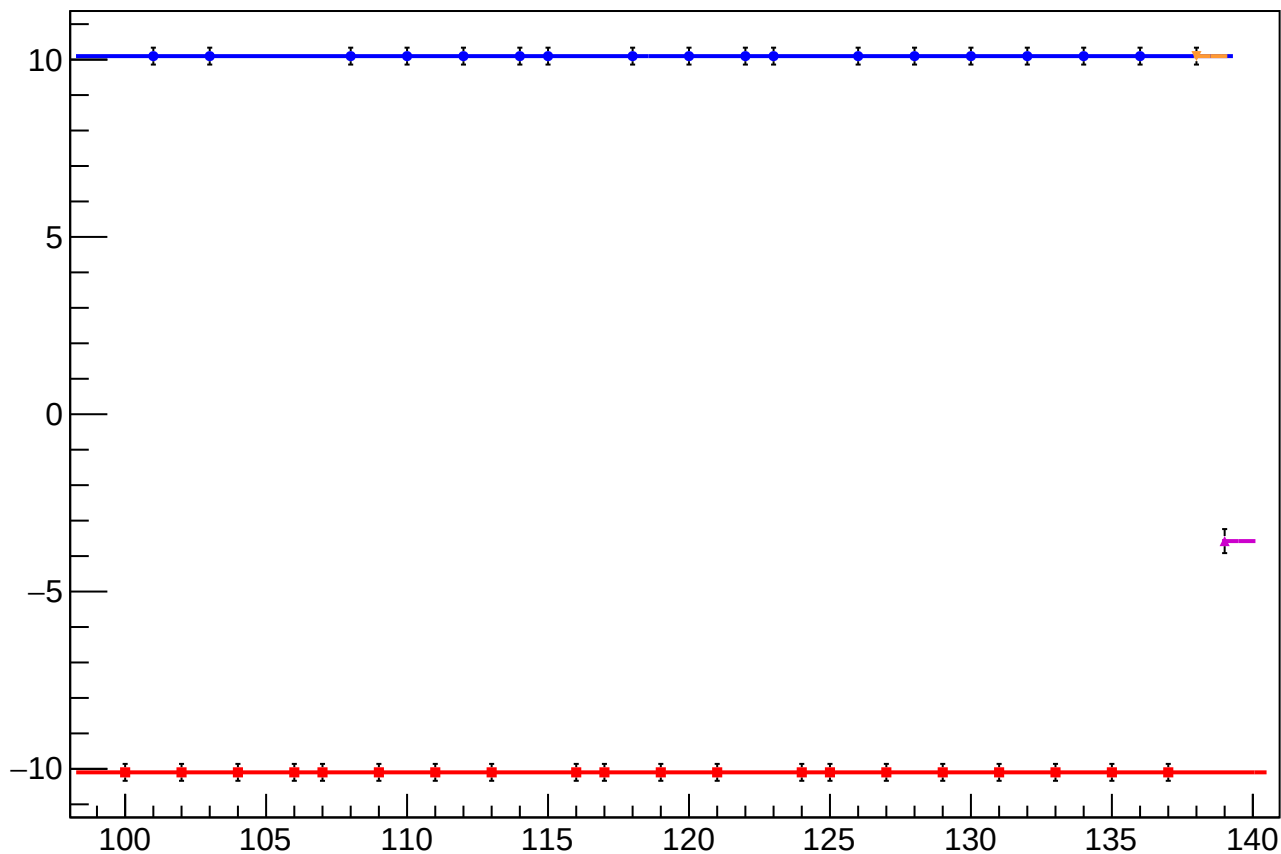
Left In: -0.250 ± 0.048 χ^2/NDF : 0.0/0

-0.199 ± 0.021 χ^2/NDF : 1106.7/17

0.055 ± 0.015 χ^2/NDF : 2784.1/38

0.345 ± 0.023 χ^2/NDF : 1369.7/20

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.098 ± 0.058 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 10.098 ± 0.238 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.098 ± 0.053 $\chi^2/\text{NDF}: 0.0/19$

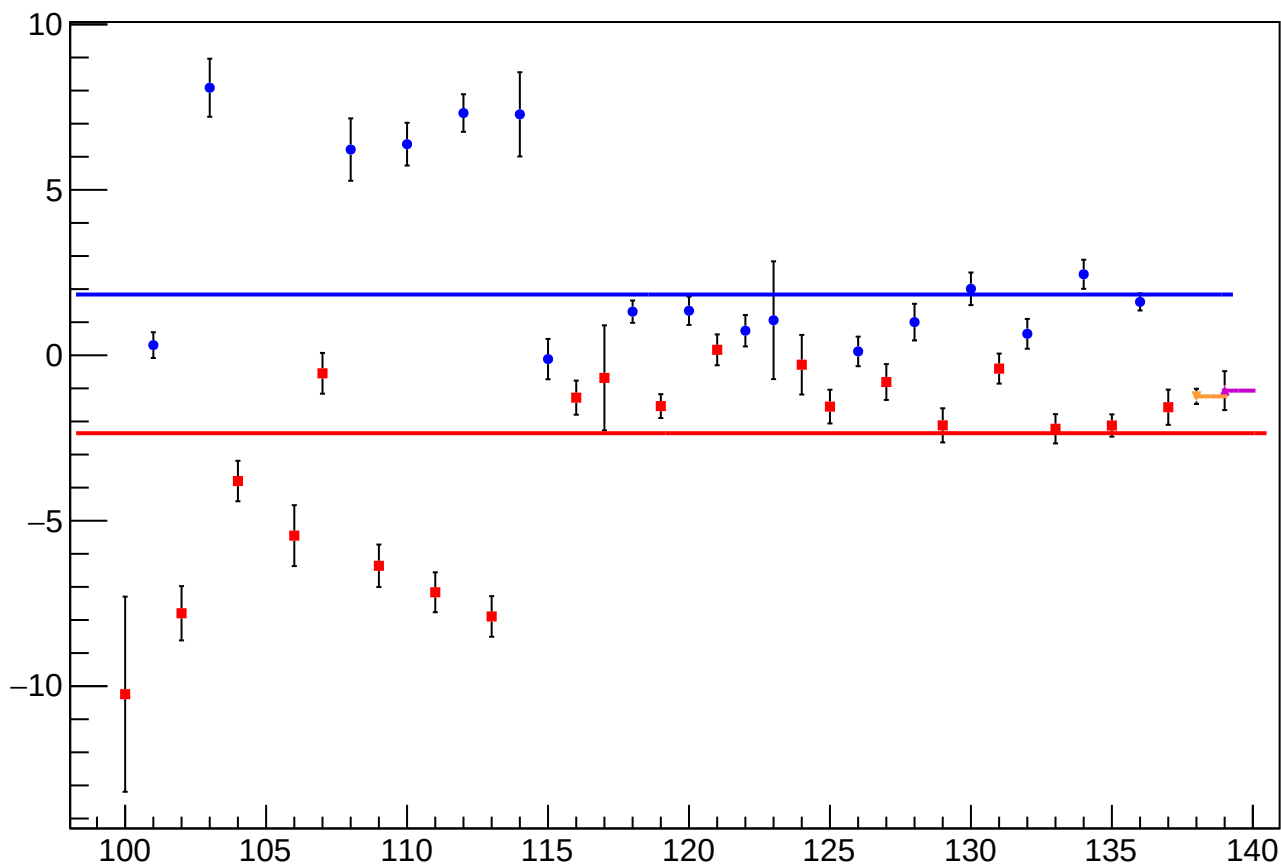
Left In: -3.577 ± 0.339 $\chi^2/\text{NDF}: 0.0/0$

10.098 ± 0.056 $\chi^2/\text{NDF}: 0.0/17$

-0.571 ± 0.038 $\chi^2/\text{NDF}: 68123.8/38$

-9.941 ± 0.053 $\chi^2/\text{NDF}: 361.2/20$

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: -2.355 $\pm$ 0.122 χ^2 /NDF: 337.5/19

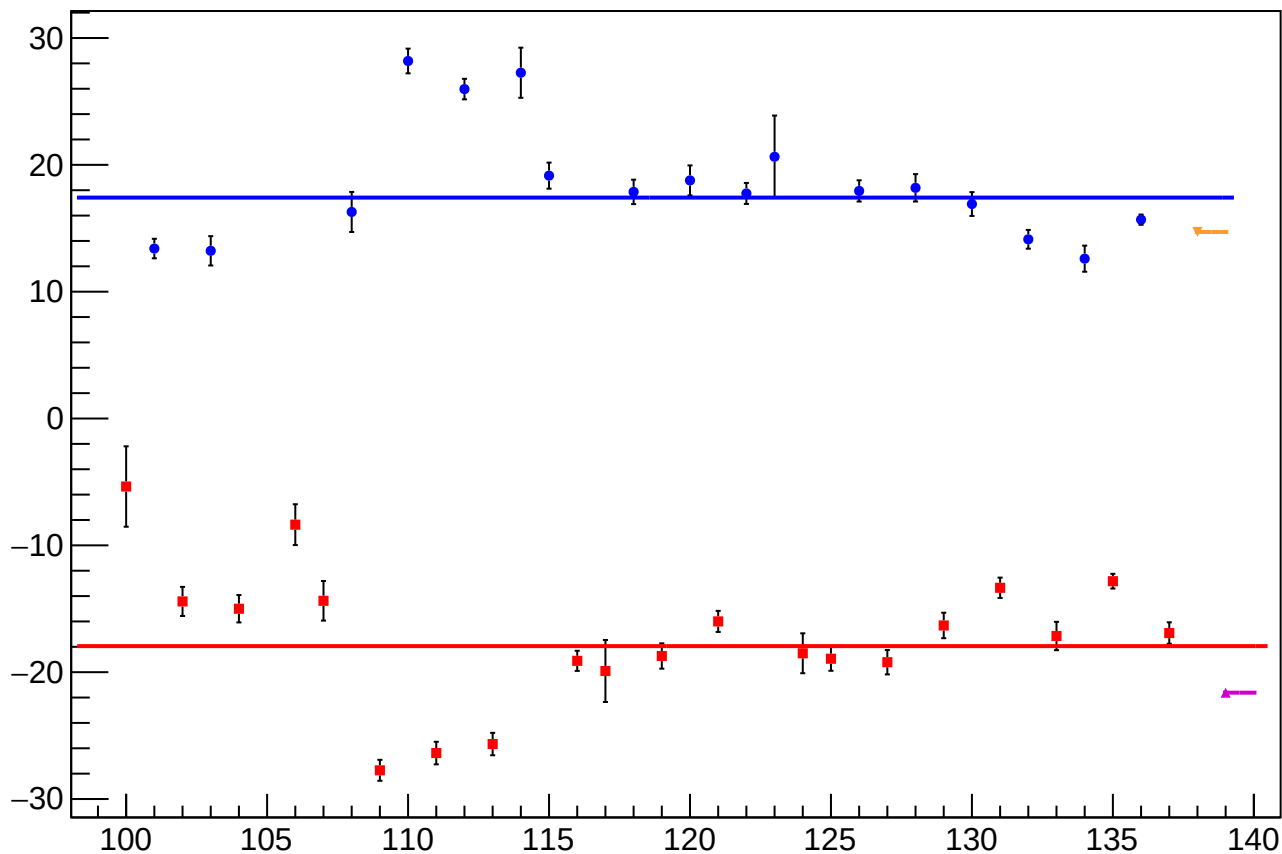
Left In: -1.068 $\pm$ 0.588 χ^2 /NDF: 0.0/0

1.210 $\pm$ 0.104 χ^2 /NDF: 437.9/17

-0.294 $\pm$ 0.078 χ^2 /NDF: 1272.1/38

-2.302 $\pm$ 0.120 χ^2 /NDF: 342.1/20

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418 ± 0.212 χ^2/NDF : 366.8/16

Left Out: 14.708 ± 0.258 χ^2/NDF : 0.0/0

Right Out: -17.945 ± 0.218 χ^2/NDF : 507.0/19

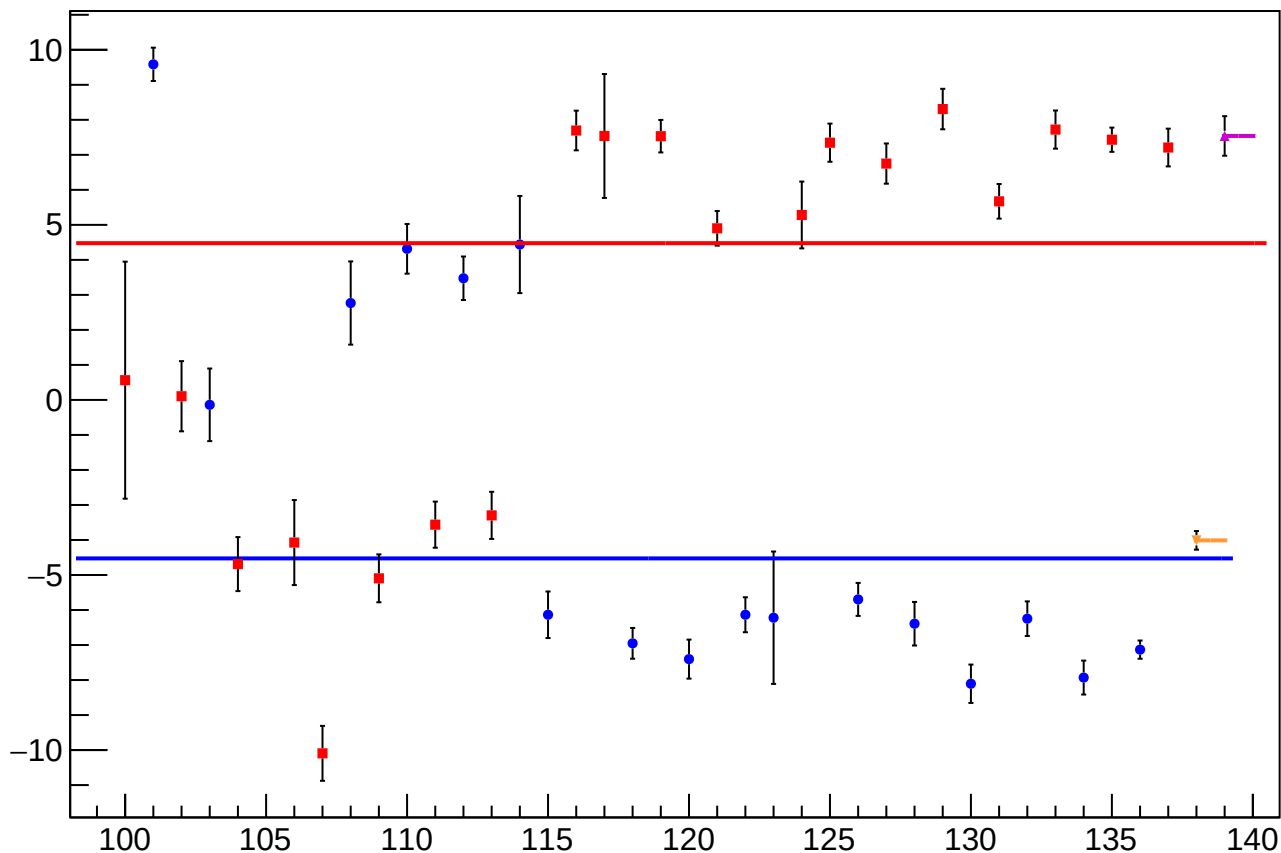
Left In: -21.615 ± 0.370 χ^2/NDF : 0.0/0

16.329 ± 0.164 χ^2/NDF : 432.7/17

1.118 ± 0.123 χ^2/NDF : 20998.1/38

-18.893 ± 0.188 χ^2/NDF : 580.2/20

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -4.011 ± 0.266 χ^2/NDF : 0.0/0

Right Out: 4.478 ± 0.137 χ^2/NDF : 1341.9/19

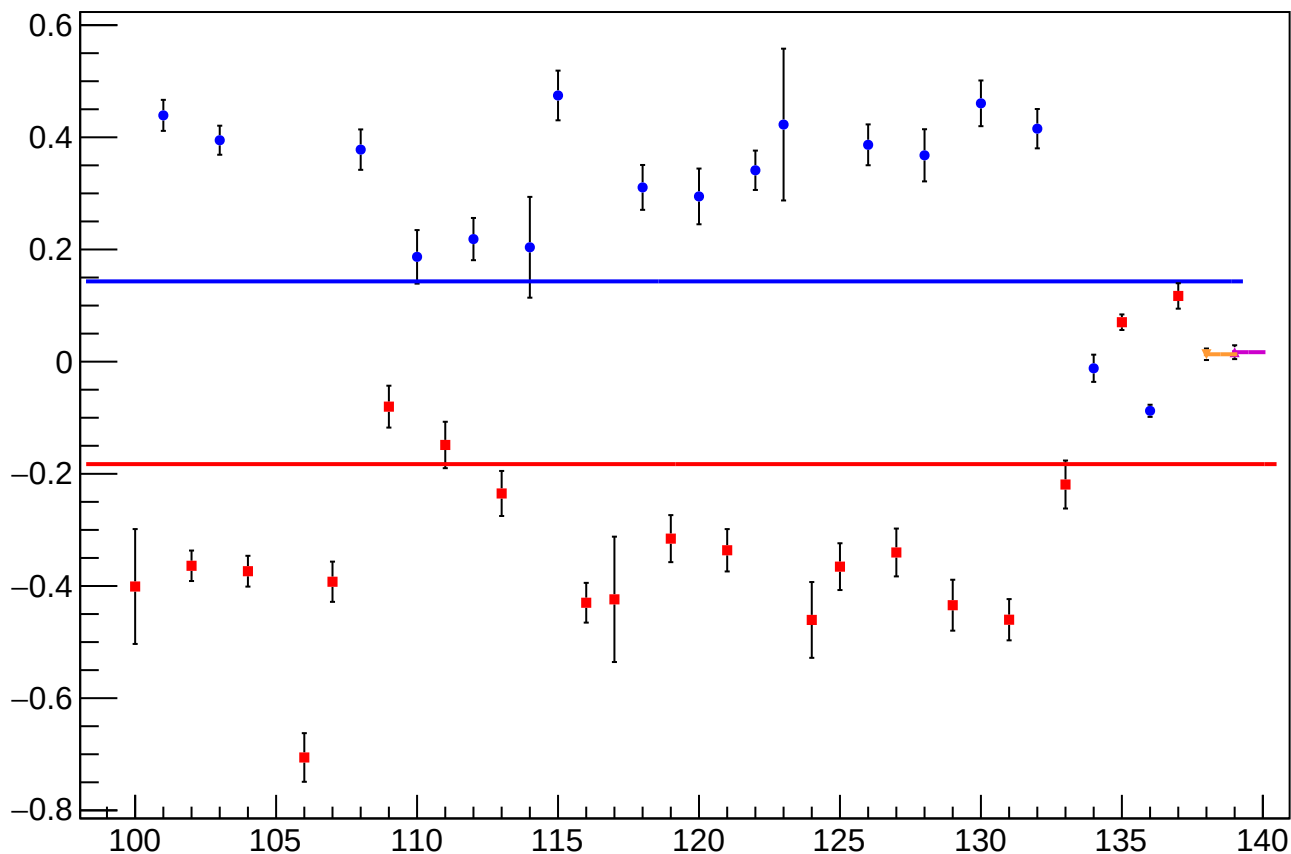
Left In: 7.540 ± 0.565 χ^2/NDF : 0.0/0

-4.427 ± 0.116 χ^2/NDF : 1593.2/17

-0.482 ± 0.088 χ^2/NDF : 5604.7/38

4.647 ± 0.133 χ^2/NDF : 1369.7/20

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 χ^2/NDF : 1060.4/16

Left Out: 0.013 ± 0.010 χ^2/NDF : 0.0/0

Right Out: -0.183 ± 0.007 χ^2/NDF : 1012.5/19

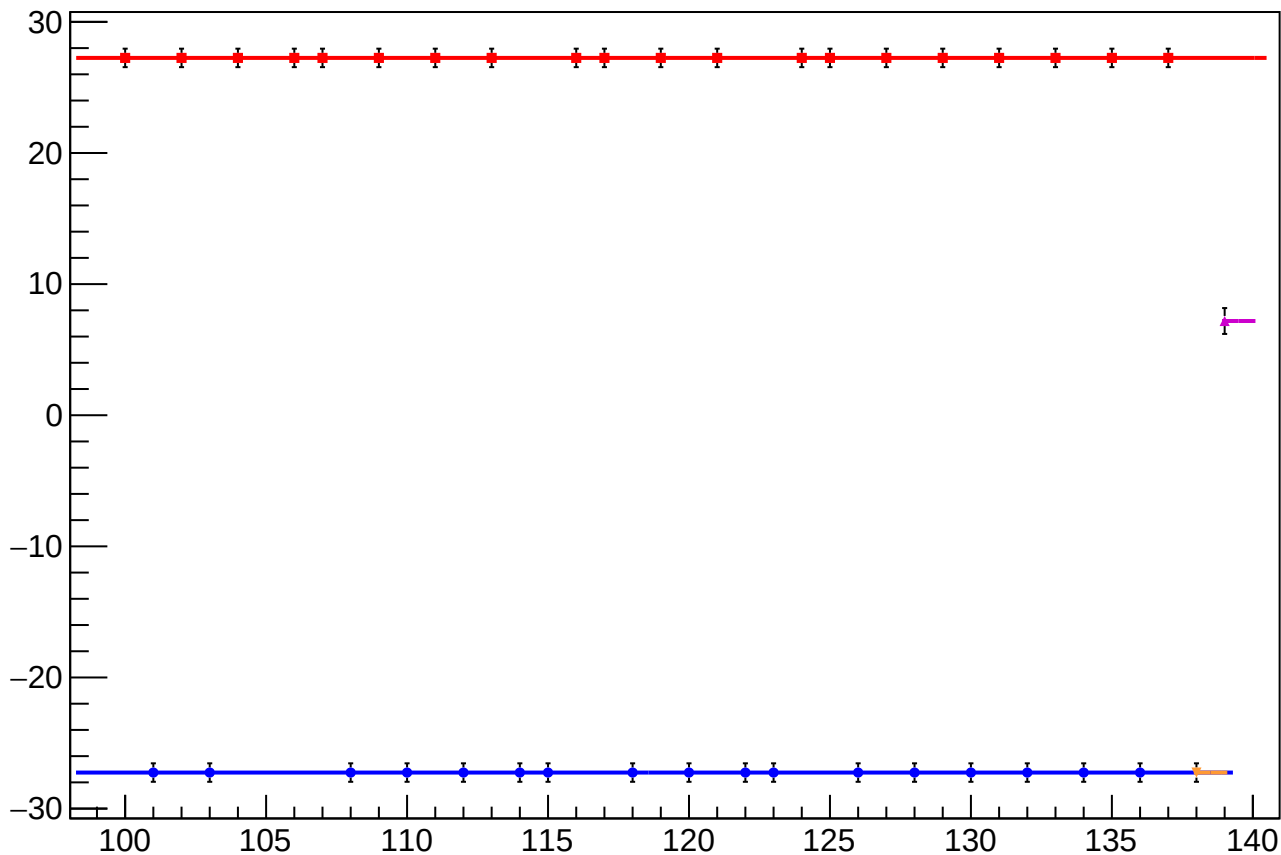
Left In: 0.017 ± 0.012 χ^2/NDF : 0.0/0

0.101 ± 0.006 χ^2/NDF : 1169.2/17

-0.005 ± 0.004 χ^2/NDF : 3101.7/38

-0.130 ± 0.006 χ^2/NDF : 1205.3/20

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.252 $\pm$ 0.171 χ^2 /NDF: 0.0/16

Left Out: -27.252 $\pm$ 0.705 χ^2 /NDF: 0.0/0

Right Out: 27.252 $\pm$ 0.158 χ^2 /NDF: 0.0/19

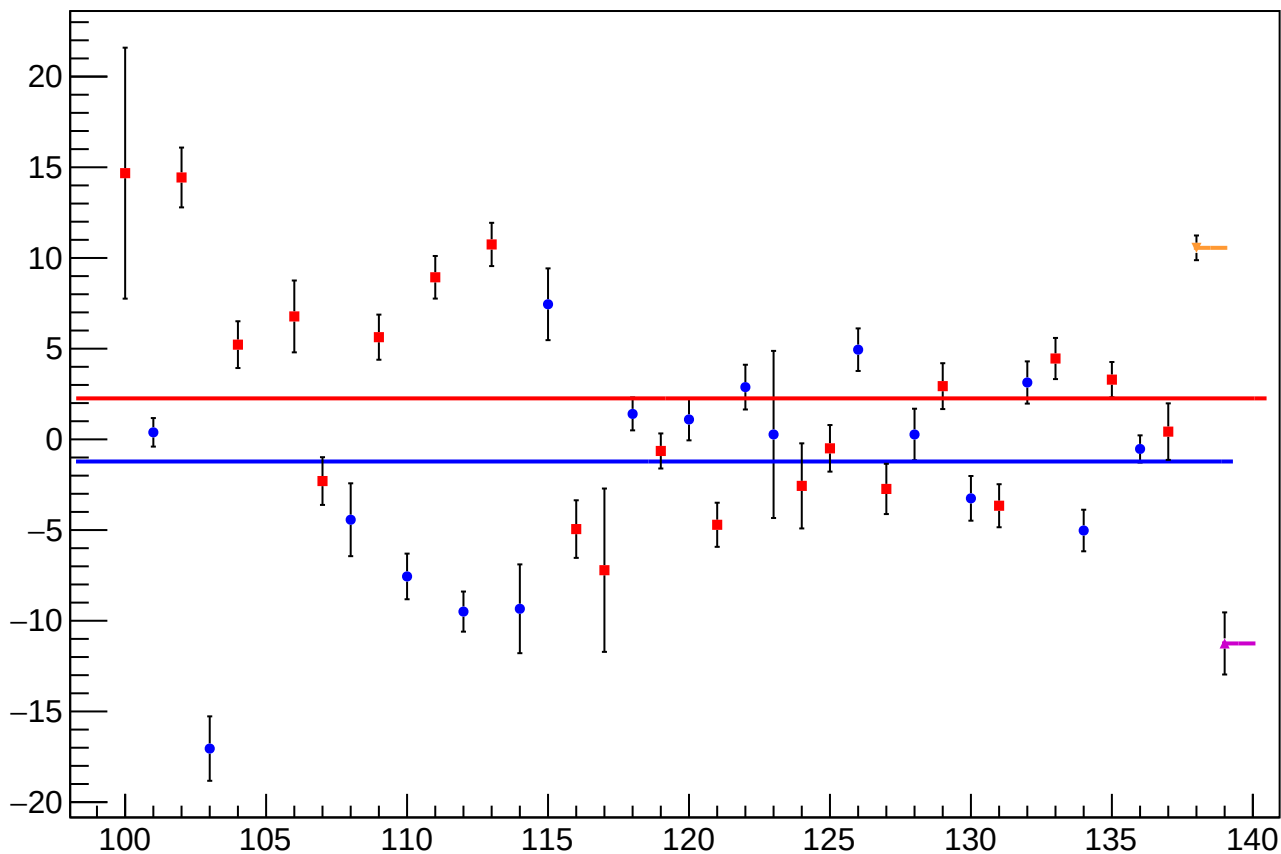
Left In: 7.187 $\pm$ 0.987 χ^2 /NDF: 0.0/0

-27.252 $\pm$ 0.166 χ^2 /NDF: 0.0/17

1.510 $\pm$ 0.114 χ^2 /NDF: 56729.4/38

26.753 $\pm$ 0.156 χ^2 /NDF: 403.0/20

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220 $\pm$ 0.290 χ^2 /NDF: 278.6/16

Left Out: 10.559 $\pm$ 0.681 χ^2 /NDF:0.0/0

Right Out: 2.259 $\pm$ 0.302 χ^2 /NDF: 290.7/19

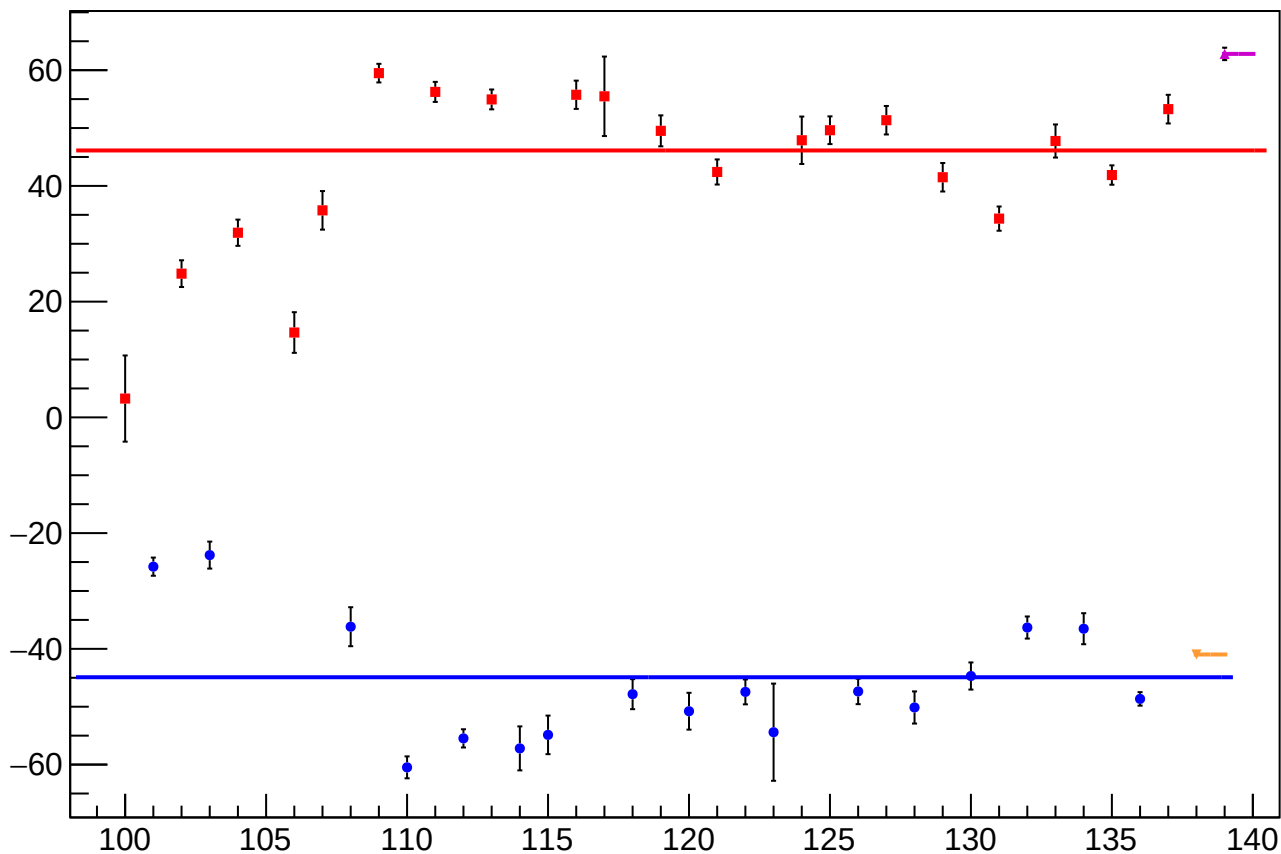
Left In: -11.251 $\pm$ 1.712 χ^2 /NDF:0.0/0

0.588 $\pm$ 0.267 χ^2 /NDF: 531.8/17

1.152 $\pm$ 0.199 χ^2 /NDF: 892.9/38

1.852 $\pm$ 0.297 χ^2 /NDF: 351.0/20

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.908 ± 0.523 $\chi^2/\text{NDF}: 421.2/16$

Left Out: -40.974 ± 0.763 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 46.126 ± 0.527 $\chi^2/\text{NDF}: 455.9/19$

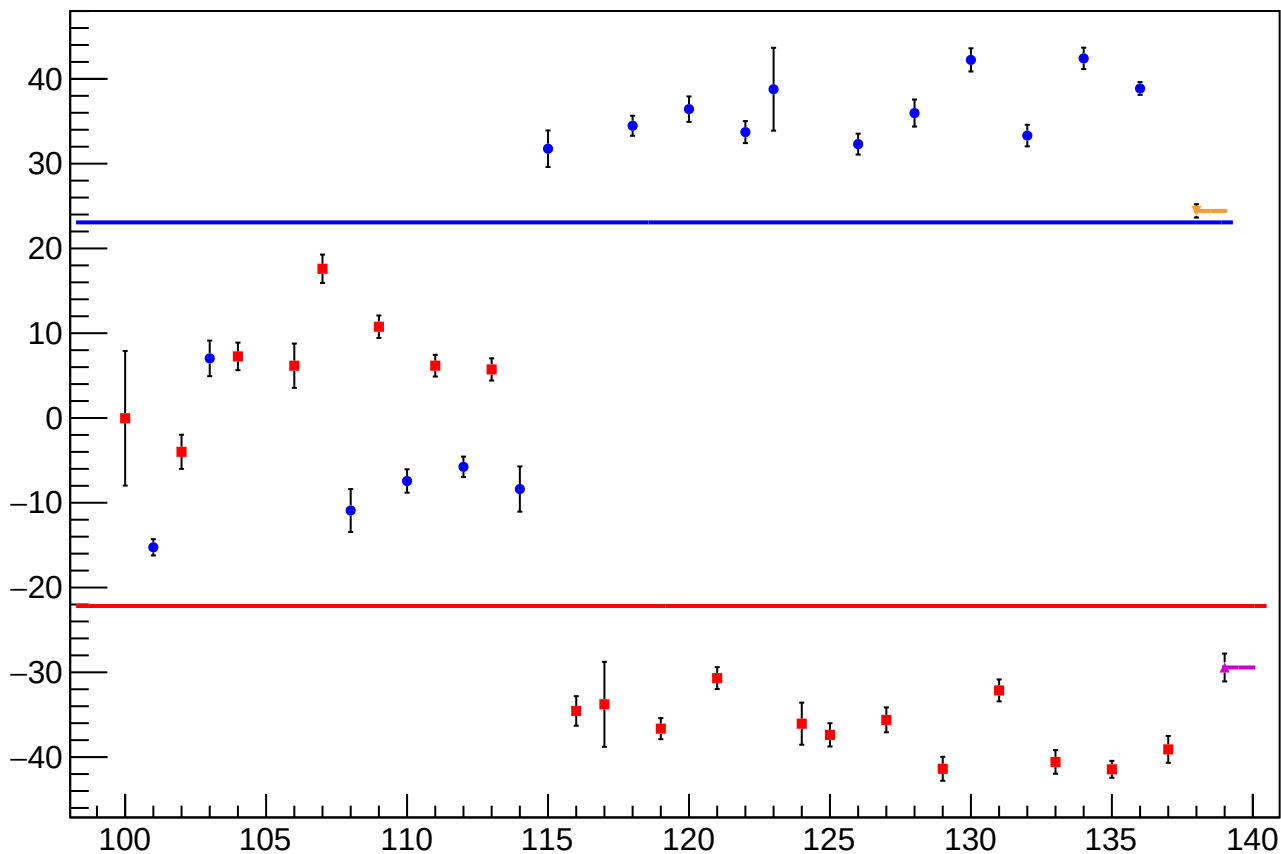
Left In: 62.813 ± 1.076 $\chi^2/\text{NDF}: 0.0/0$

-43.653 ± 0.431 $\chi^2/\text{NDF}: 439.3/17$

-1.447 ± 0.319 $\chi^2/\text{NDF}: 22200.5/38$

49.351 ± 0.473 $\chi^2/\text{NDF}: 649.9/20$

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: -22.175+/-0.339 χ^2/NDF : 4039.8/19

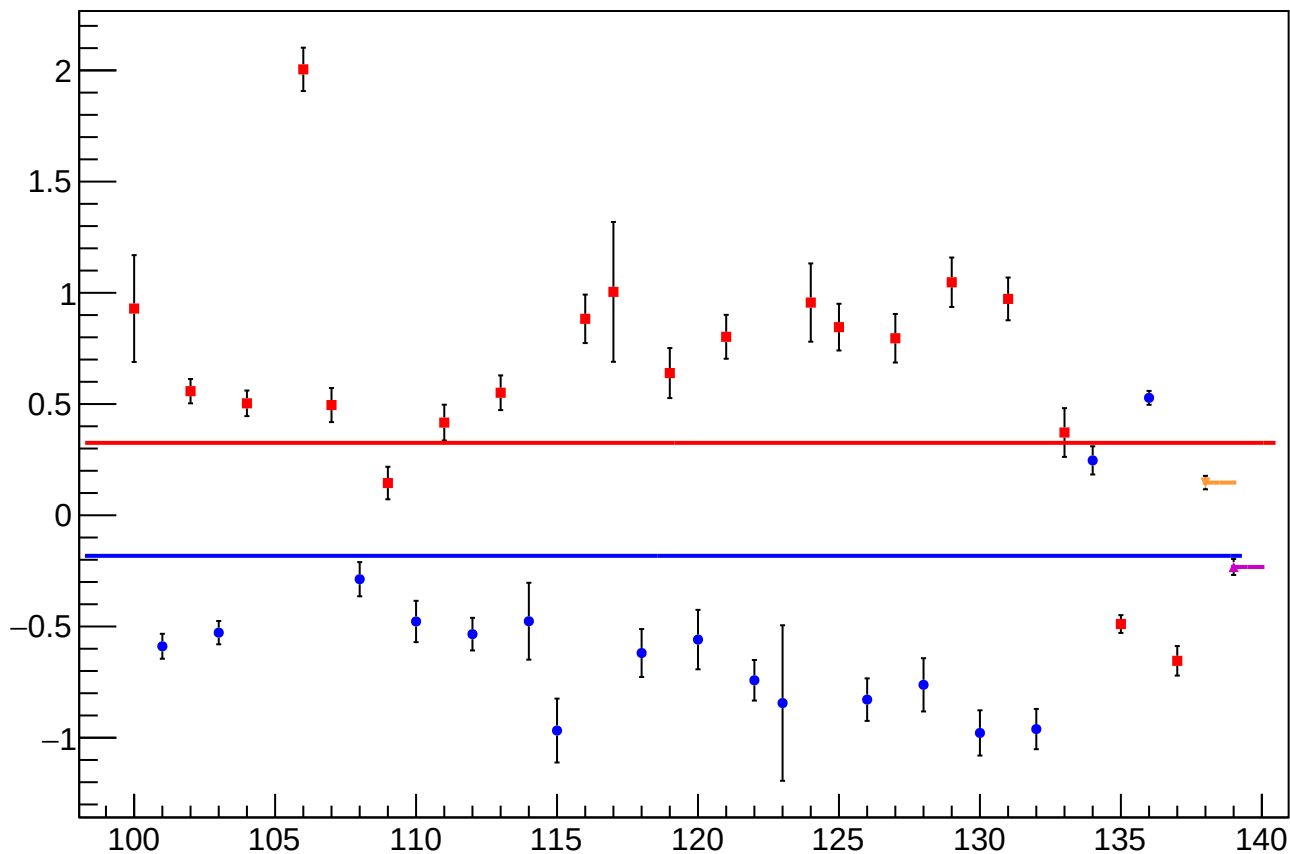
Left In: -29.430+/-1.645 χ^2/NDF : 0.0/0

23.272+/-0.301 χ^2/NDF : 4348.5/17

2.629+/-0.223 χ^2/NDF : 18816.5/38

-22.471+/-0.332 χ^2/NDF : 4058.4/20

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: 0.326 ± 0.018 χ^2/NDF : 1189.1/19

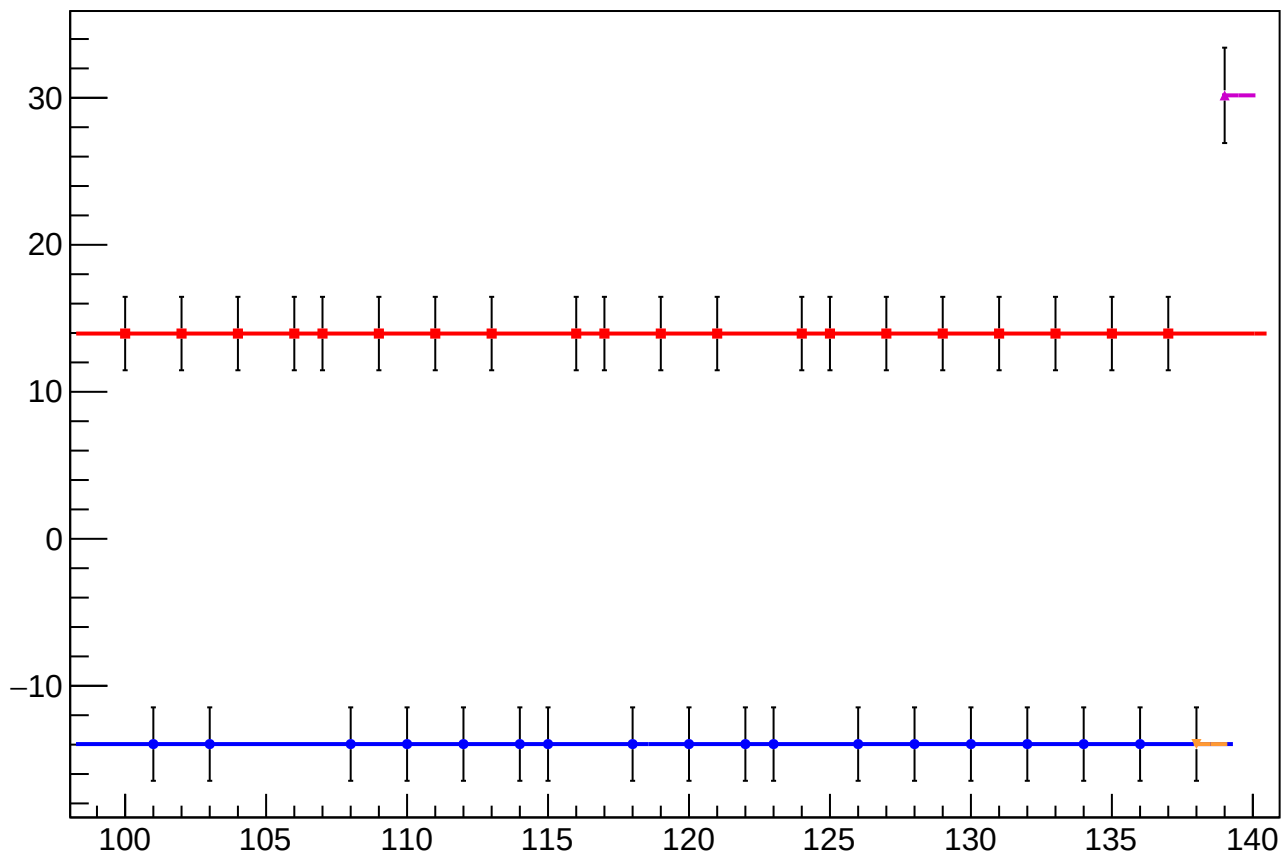
Left In: -0.233 ± 0.036 χ^2/NDF : 0.0/0

-0.098 ± 0.015 χ^2/NDF : 1086.0/17

0.048 ± 0.011 χ^2/NDF : 2662.0/38

0.212 ± 0.016 χ^2/NDF : 1381.5/20

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.963 ± 0.606 χ^2/NDF : 0.0/16

Left Out: -13.963 ± 2.498 χ^2/NDF : 0.0/0

Right Out: 13.963 ± 0.559 χ^2/NDF : 0.0/19

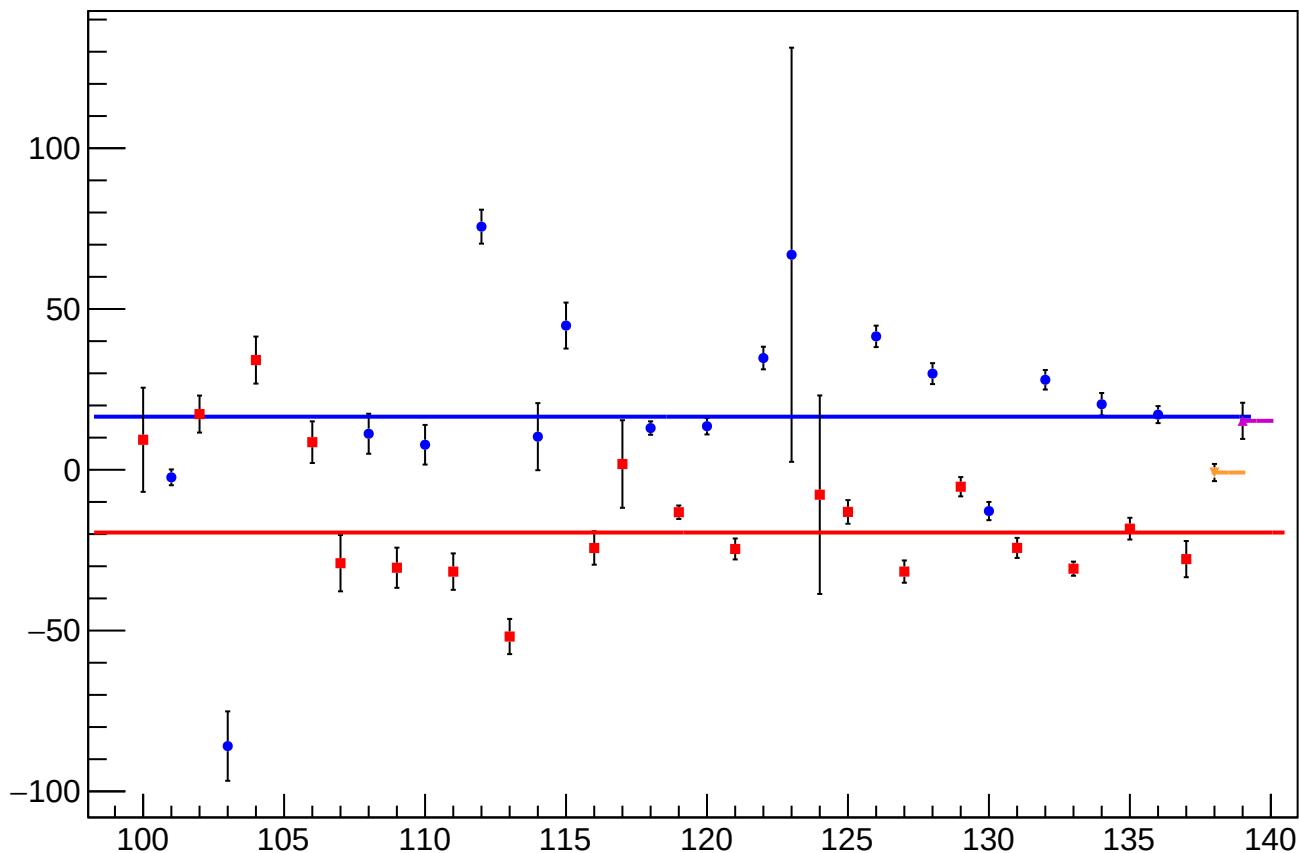
Left In: 30.167 ± 3.244 χ^2/NDF : 0.0/0

-13.963 ± 0.589 χ^2/NDF : 0.0/17

1.187 ± 0.402 χ^2/NDF : 1265.4/38

14.430 ± 0.550 χ^2/NDF : 24.2/20

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: -19.512 $\pm$ 0.896 χ^2 /NDF: 244.4/19

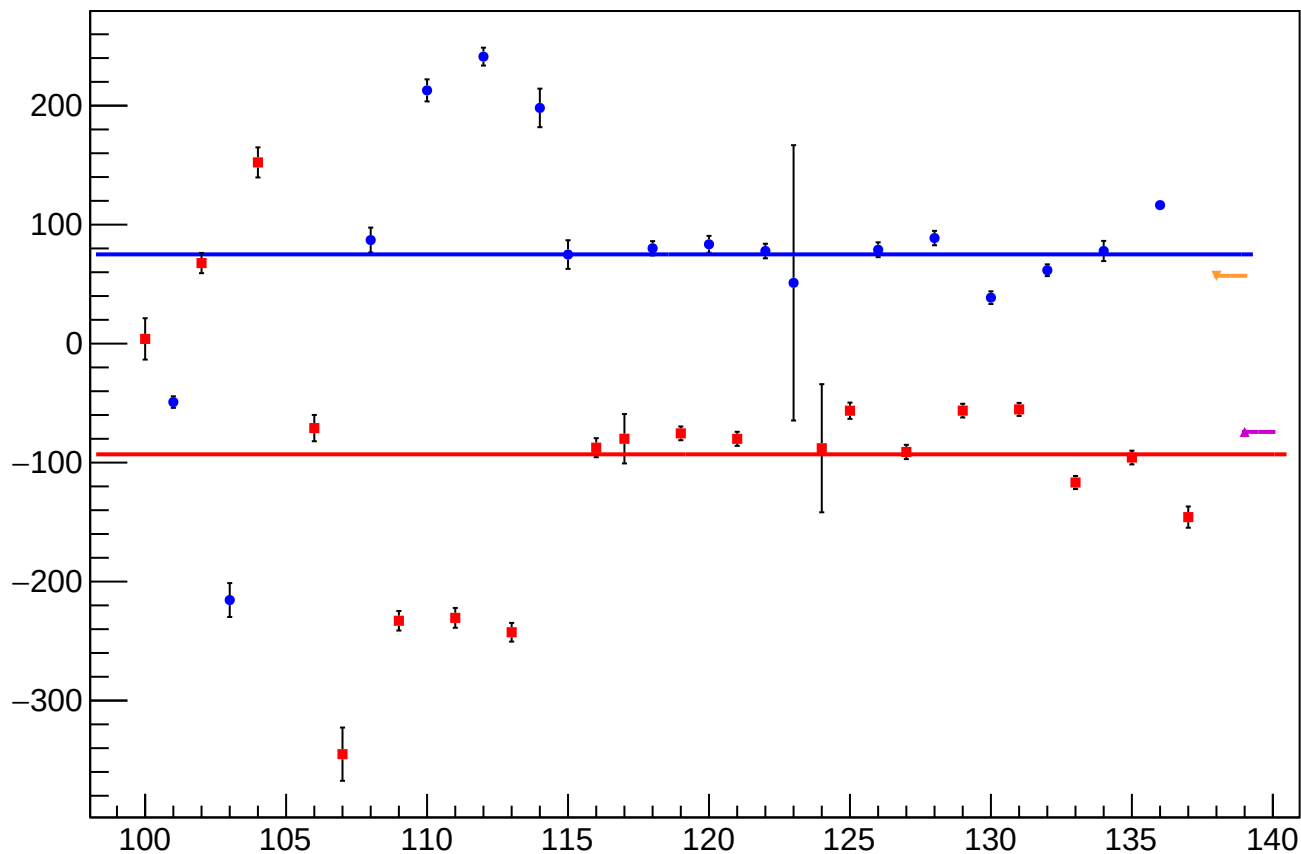
Left In: 15.222 $\pm$ 5.624 χ^2 /NDF: 0.0/0

14.925 $\pm$ 0.808 χ^2 /NDF: 558.0/17

-0.330 $\pm$ 0.597 χ^2 /NDF: 1624.6/38

-18.651 $\pm$ 0.885 χ^2 /NDF: 281.6/20

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: -93.051 $\pm$ 1.705 χ^2 /NDF: 2002.7/19

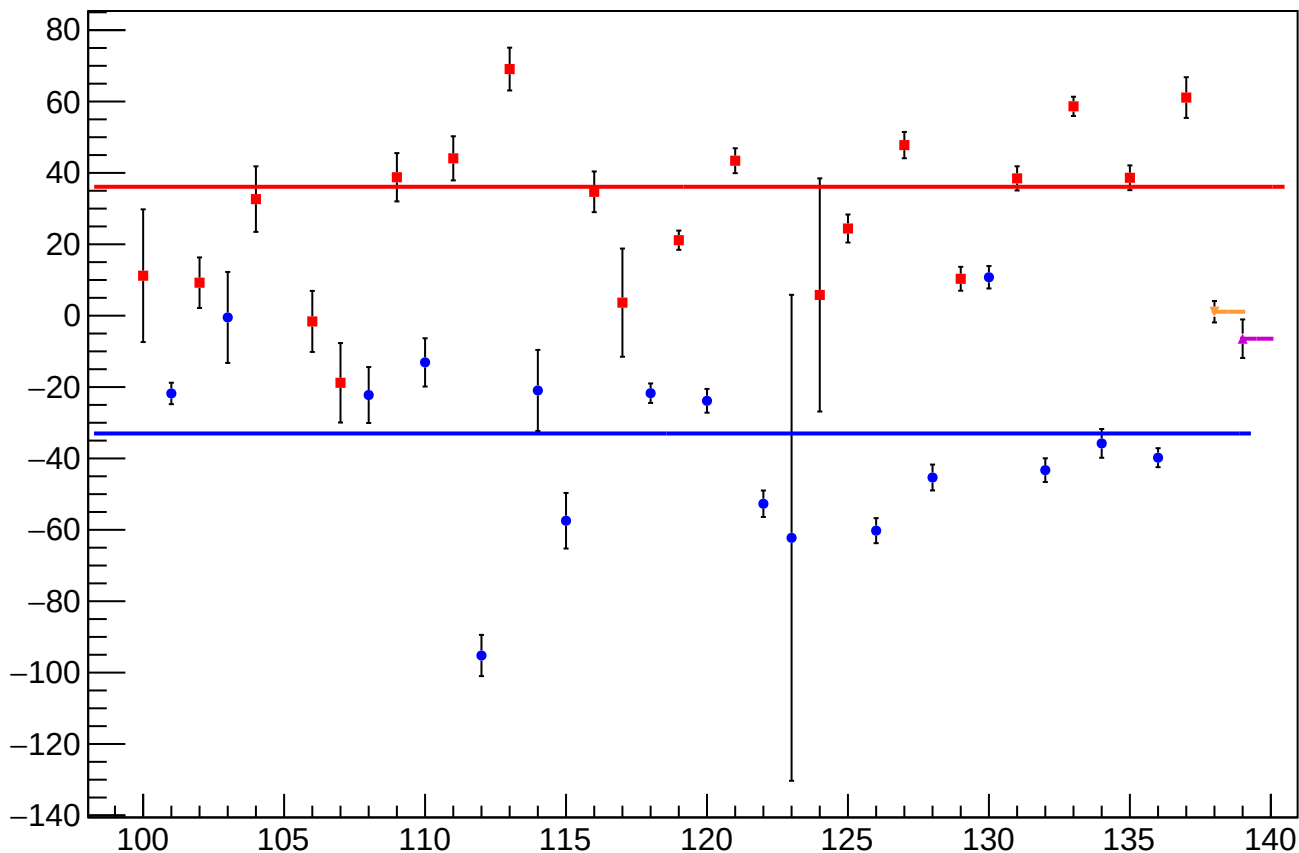
Left In: -74.212 $\pm$ 3.537 χ^2 /NDF:0.0/0

70.198 $\pm$ 1.401 χ^2 /NDF: 2031.7/17

-2.287 $\pm$ 1.035 χ^2 /NDF: 9959.1/38

-89.498 $\pm$ 1.536 χ^2 /NDF: 2025.7/20

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: 1.110 ± 3.007 χ^2/NDF : 0.0/0

Right Out: 36.112 ± 1.023 χ^2/NDF : 301.7/19

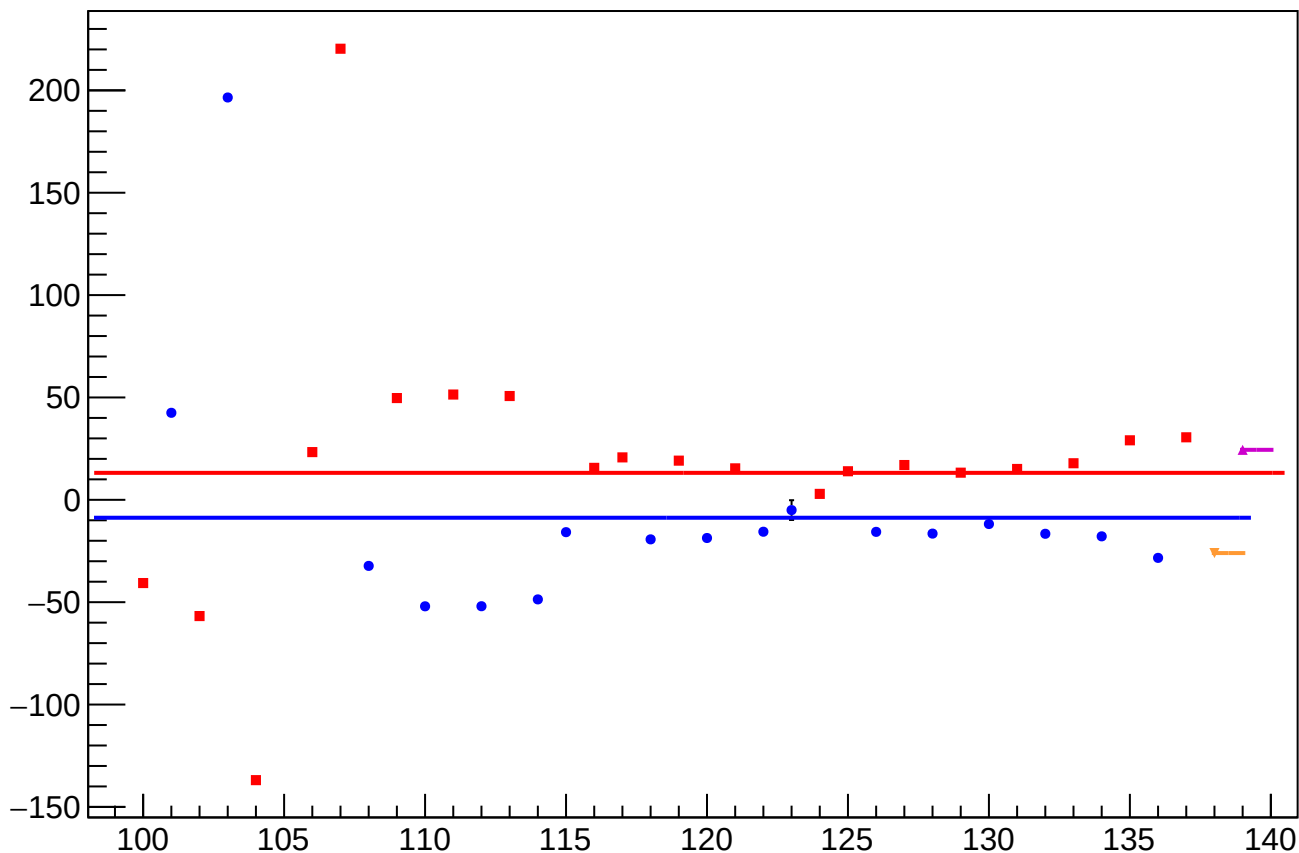
Left In: -6.454 ± 5.402 χ^2/NDF : 0.0/0

-29.780 ± 0.925 χ^2/NDF : 609.6/17

-0.251 ± 0.680 χ^2/NDF : 3195.9/38

34.638 ± 1.005 χ^2/NDF : 361.6/20

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: 13.175 ± 0.062 χ^2/NDF : 558691.6/19

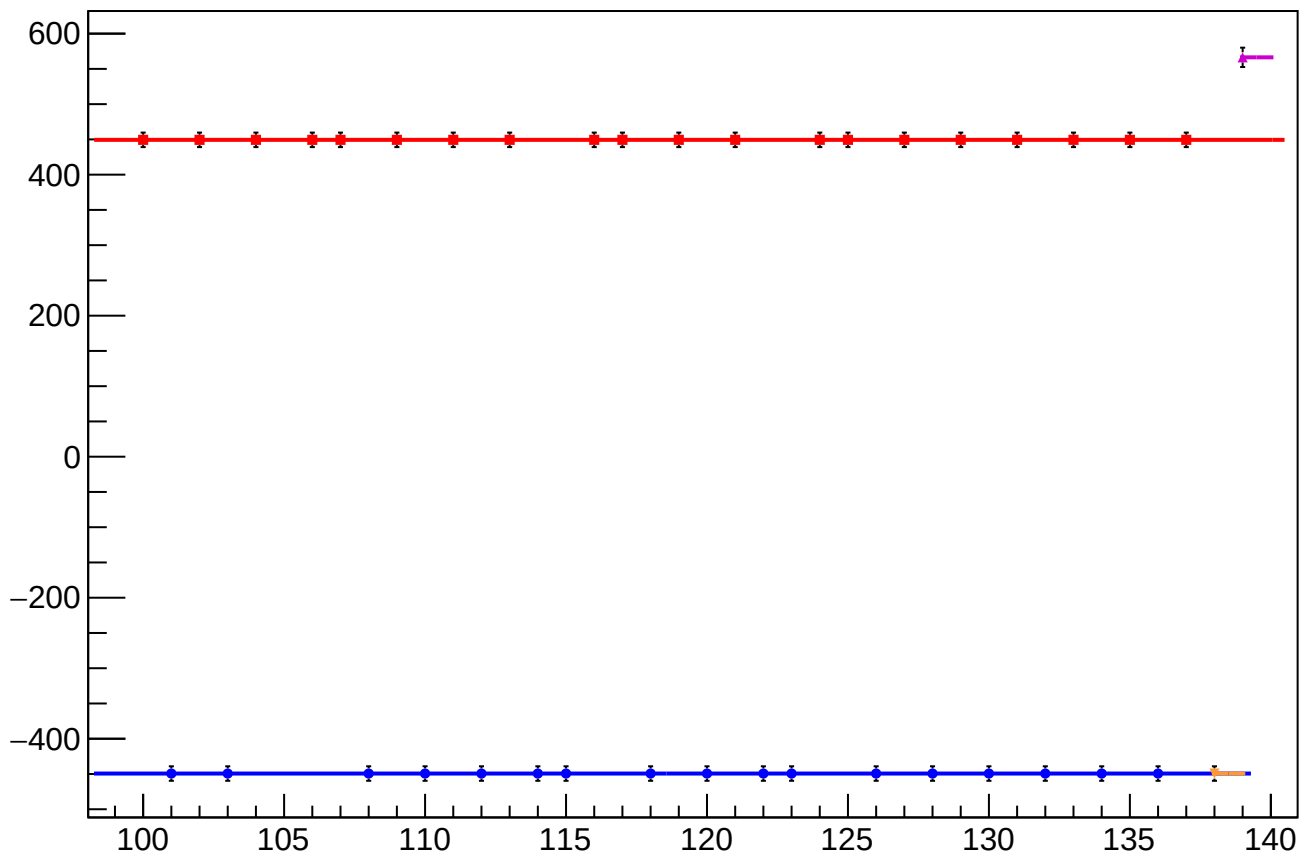
Left In: 24.423 ± 0.119 χ^2/NDF : 0.0/0

-12.850 ± 0.051 χ^2/NDF : 596464.4/17

0.473 ± 0.037 χ^2/NDF : 1305833.6/38

15.568 ± 0.055 χ^2/NDF : 565783.4/20

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -449.364+/-2.496 χ^2/NDF : 0.0/16

Left Out: -449.364+/-10.293 χ^2/NDF : 0.0/0

Right Out: 449.364+/-2.301 χ^2/NDF : 0.0/19

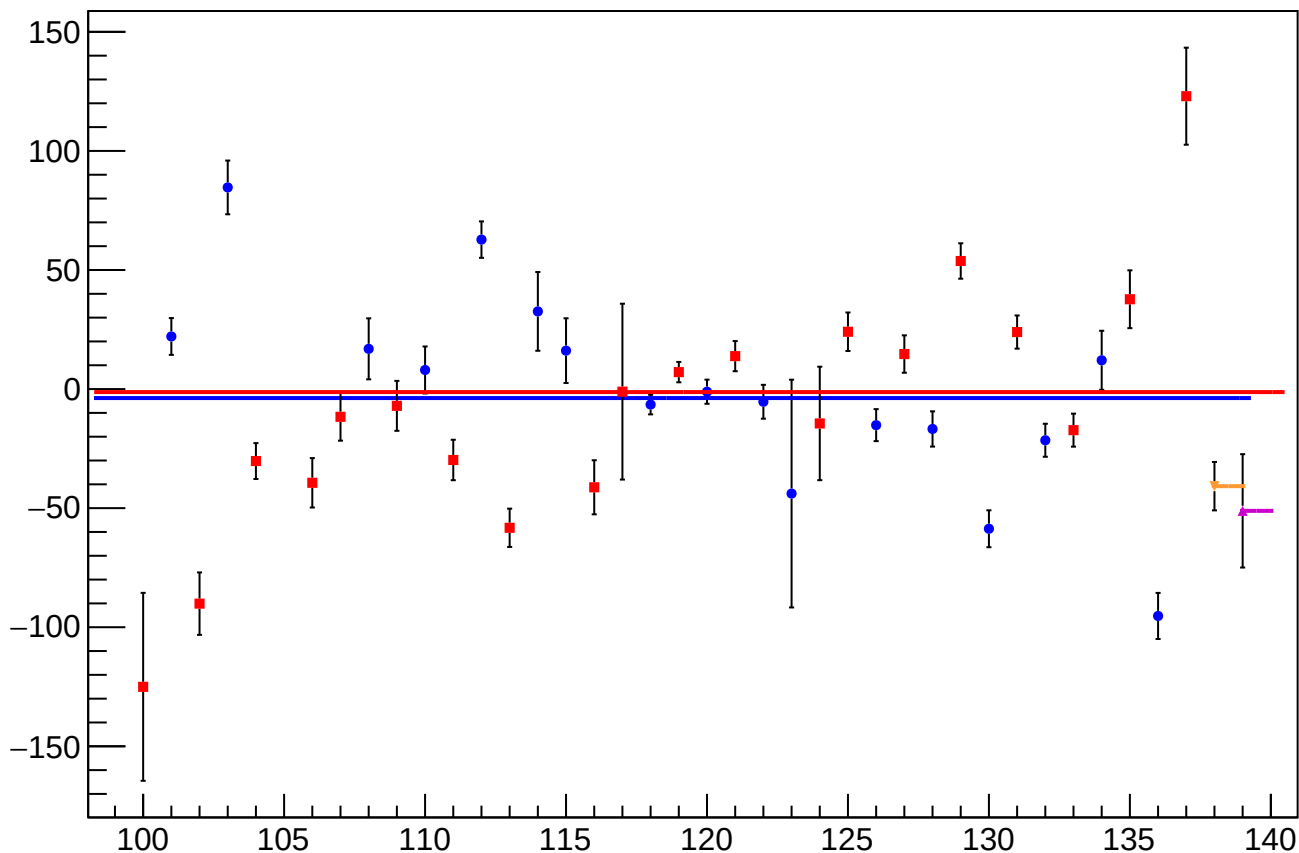
Left In: 566.367+/-13.724 χ^2/NDF : 0.0/0

-449.364+/-2.426 χ^2/NDF : 0.0/17

31.566+/-1.657 χ^2/NDF : 73773.3/38

452.564+/-2.270 χ^2/NDF : 70.7/20

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 ± 1.918 χ^2/NDF : 303.7/19

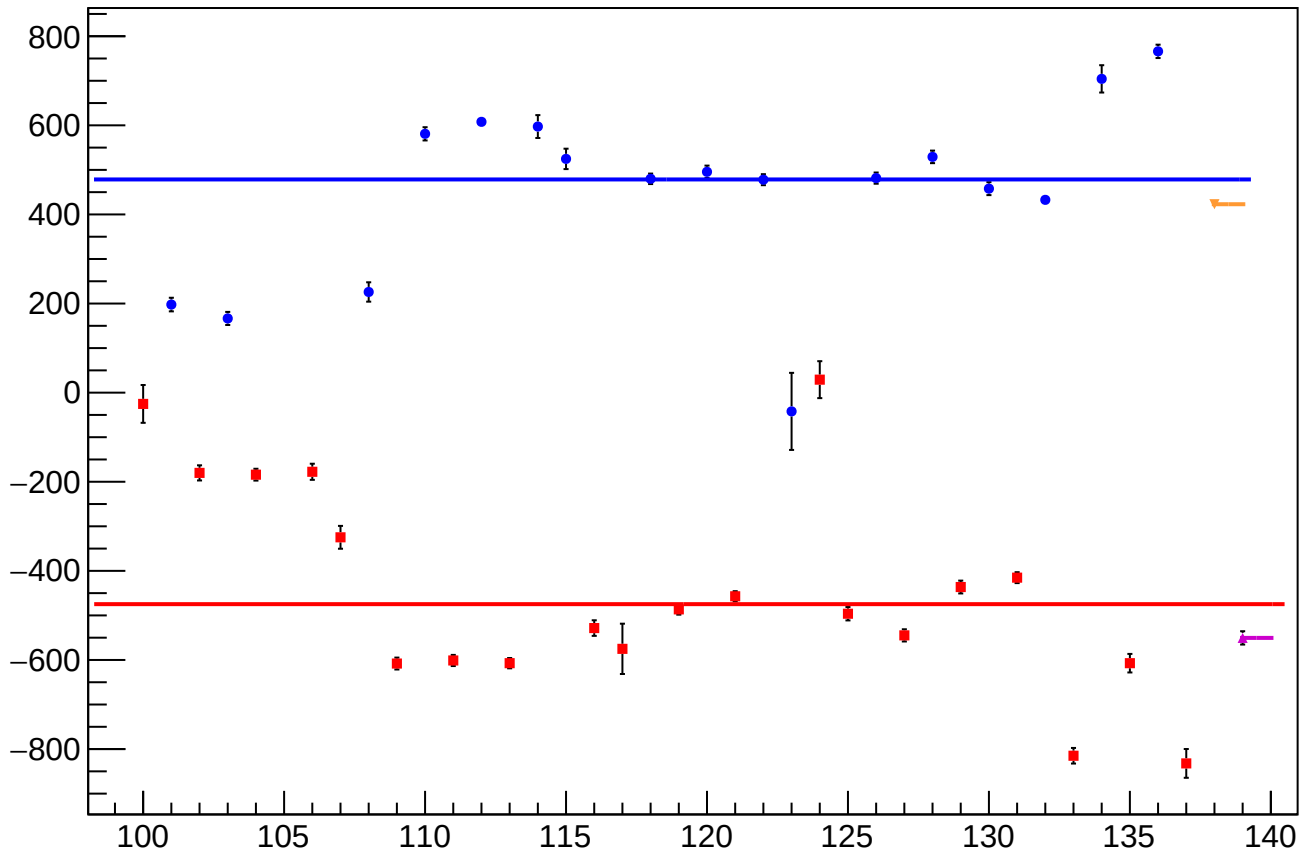
Left In: -51.136 ± 23.797 χ^2/NDF : 0.0/0

-5.008 ± 1.857 χ^2/NDF : 327.2/17

-3.347 ± 1.332 χ^2/NDF : 636.9/38

-1.587 ± 1.911 χ^2/NDF : 308.1/20

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: -474.721+/-3.526 χ^2/NDF : 2290.3/19

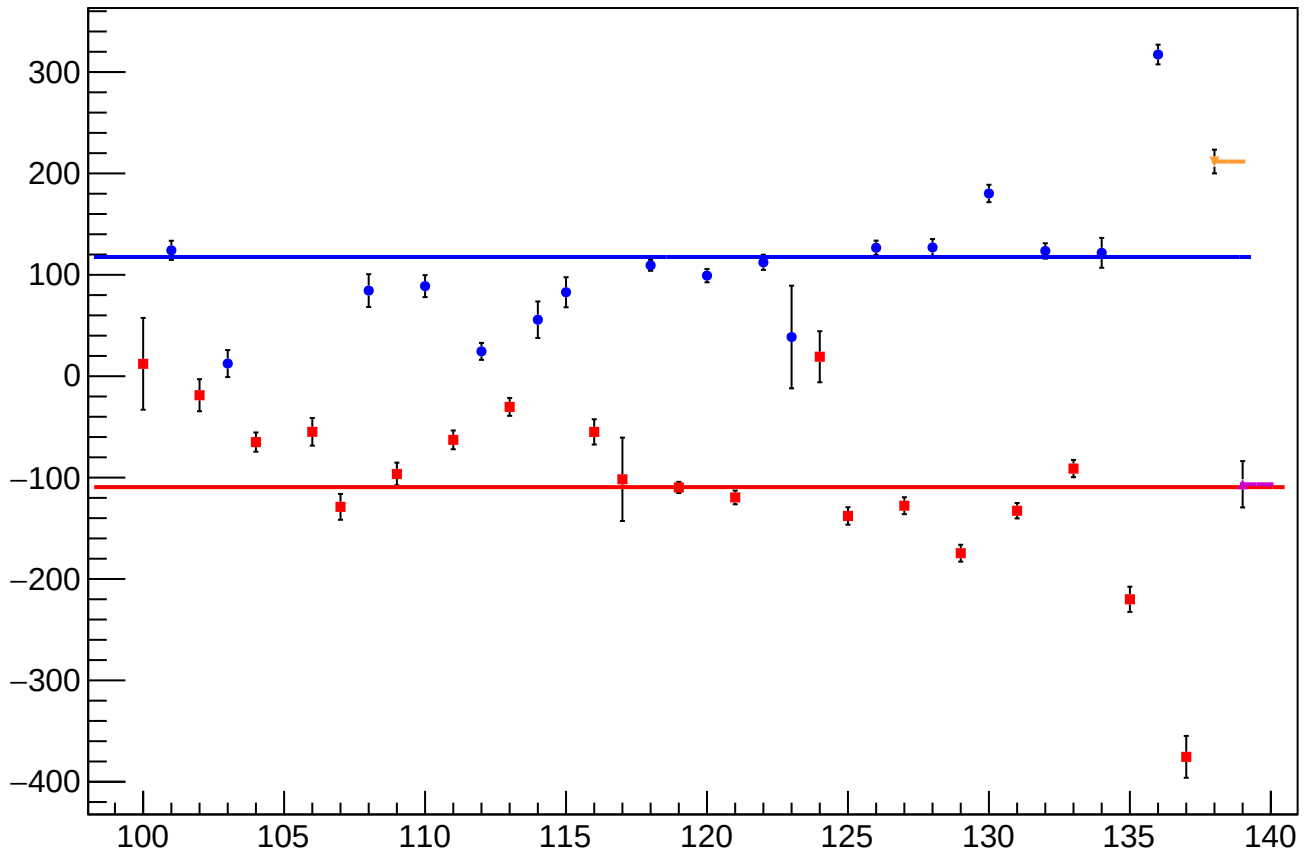
Left In: -550.470+/-14.965 χ^2/NDF : 0.0/0

473.203+/-3.452 χ^2/NDF : 1651.5/17

-5.541+/-2.434 χ^2/NDF : 42210.0/38

-478.705+/-3.432 χ^2/NDF : 2314.6/20

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: -109.378 $\pm$ 2.207 χ^2 /NDF: 571.2/19

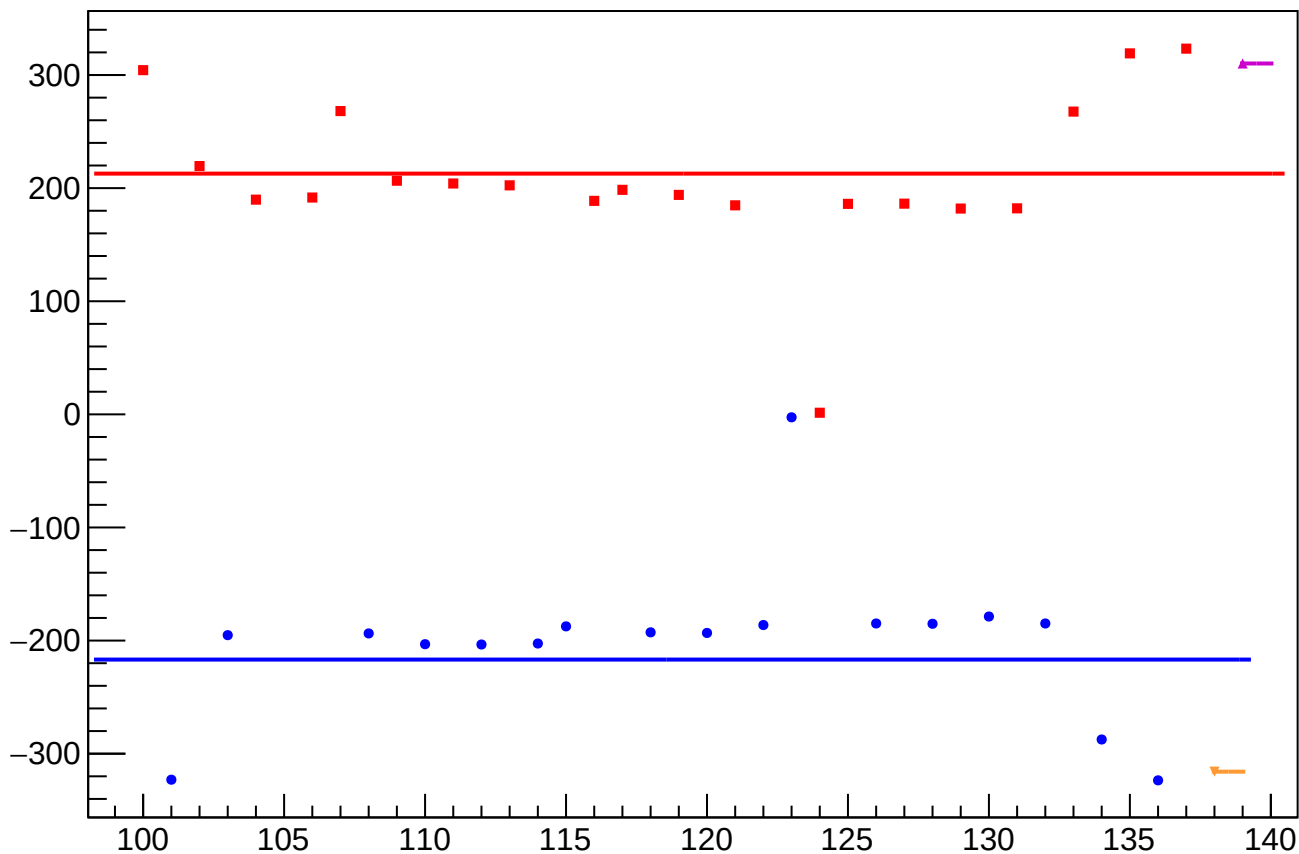
Left In: -106.579 $\pm$ 22.855 χ^2 /NDF: 0.0/0

120.780 $\pm$ 2.155 χ^2 /NDF: 769.5/17

7.886 $\pm$ 1.538 χ^2 /NDF: 6933.6/38

-109.352 $\pm$ 2.196 χ^2 /NDF: 571.2/20

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -315.891+/-0.443 χ^2/NDF : 0.0/0

Right Out: 212.832+/-0.130 χ^2/NDF : 116424.5/19

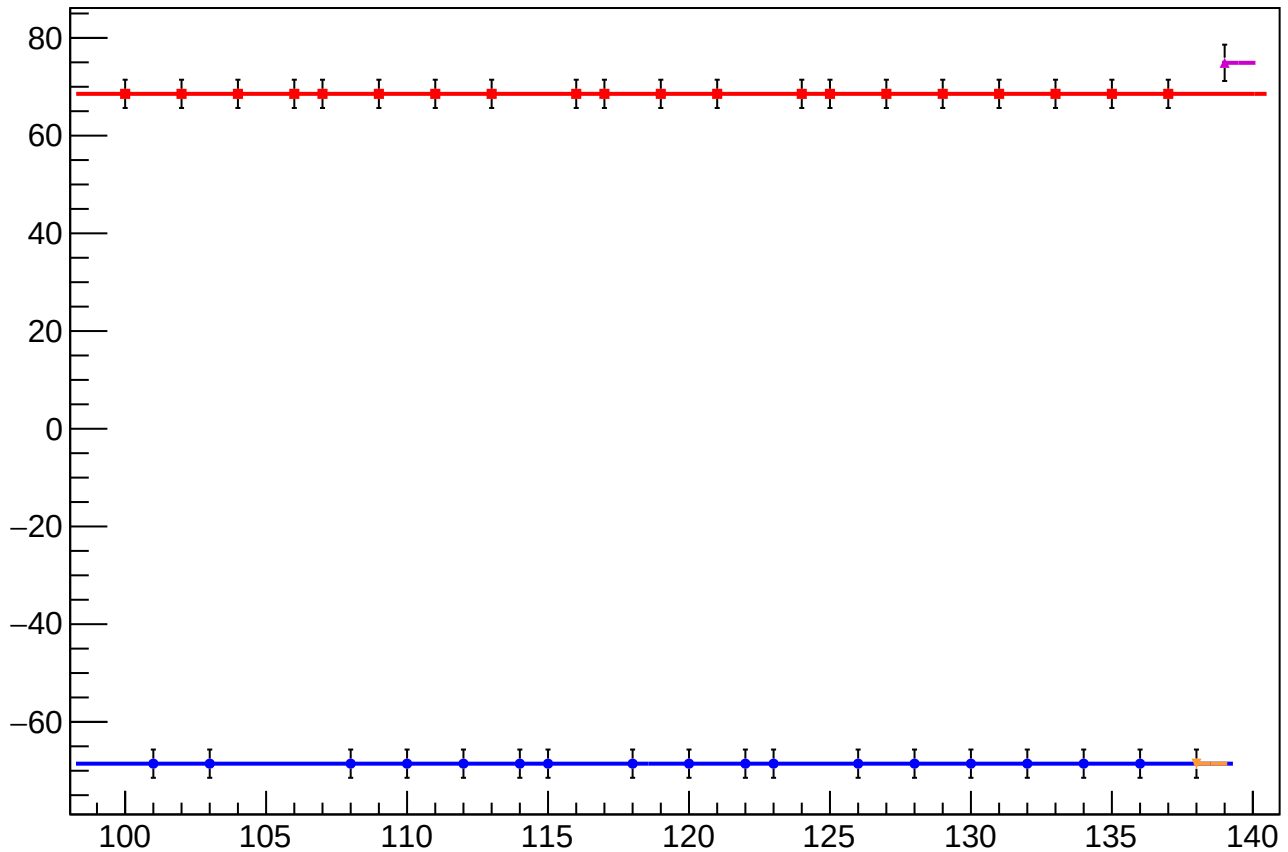
Left In: 310.190+/-0.501 χ^2/NDF : 0.0/0

-225.277+/-0.130 χ^2/NDF : 192648.6/17

3.611+/-0.090 χ^2/NDF : 6387396.7/38

218.968+/-0.126 χ^2/NDF : 151777.9/20

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -68.551 ± 0.701 χ^2/NDF : 0.0/16

Left Out: -68.551 ± 2.892 χ^2/NDF : 0.0/0

Right Out: 68.551 ± 0.647 χ^2/NDF : 0.0/19

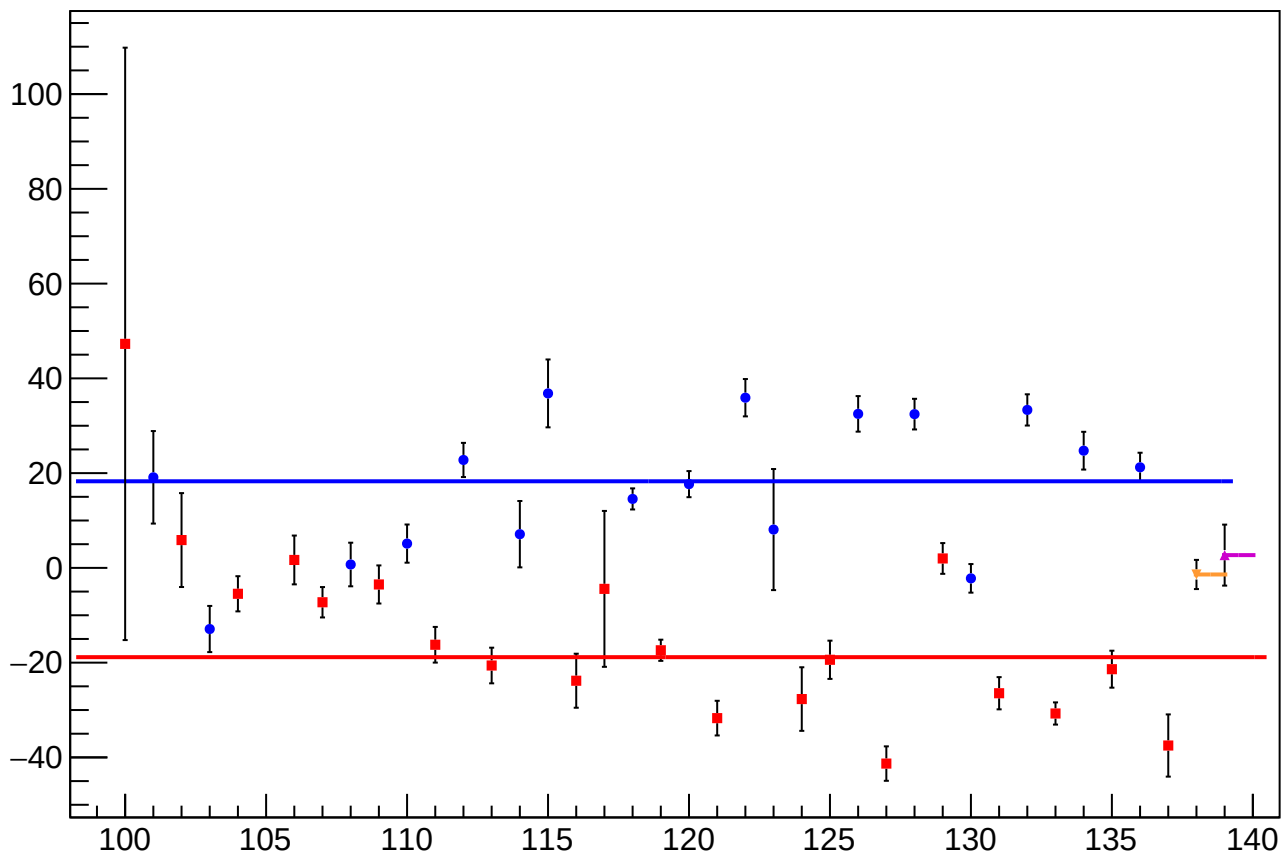
Left In: 74.903 ± 3.714 χ^2/NDF : 0.0/0

-68.551 ± 0.682 χ^2/NDF : 0.0/17

4.728 ± 0.465 χ^2/NDF : 21658.2/38

68.738 ± 0.637 χ^2/NDF : 2.8/20

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF : 204.6/16

Left Out: -1.391+/-3.079 χ^2/NDF : 0.0/0

Right Out: -18.842+/-0.863 χ^2/NDF : 199.2/19

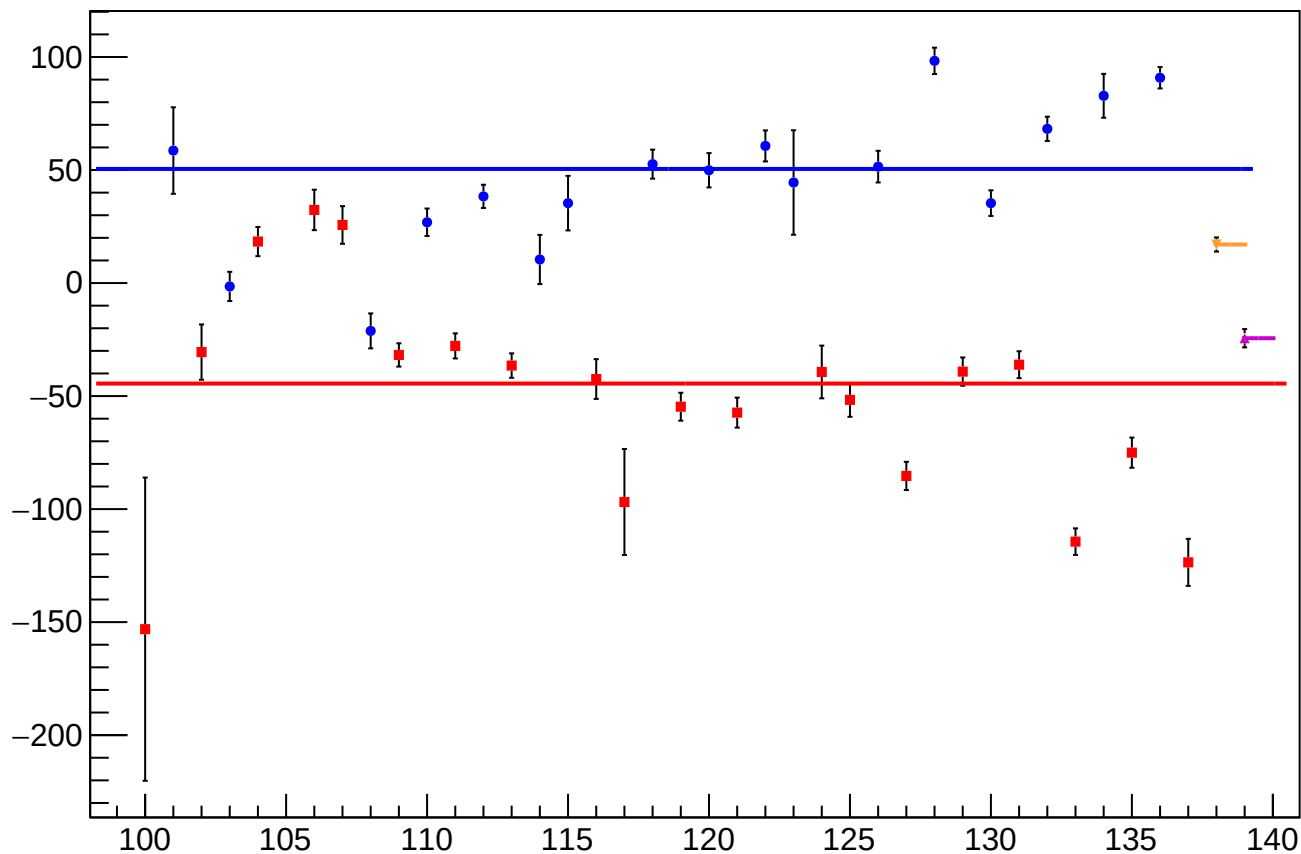
Left In: 2.696+/-6.437 χ^2/NDF : 0.0/0

16.714+/-0.869 χ^2/NDF : 242.1/17

-1.143+/-0.610 χ^2/NDF : 1284.6/38

-18.462+/-0.856 χ^2/NDF : 210.2/20

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: -44.466 $\pm$ 1.599 χ^2 /NDF: 539.4/19

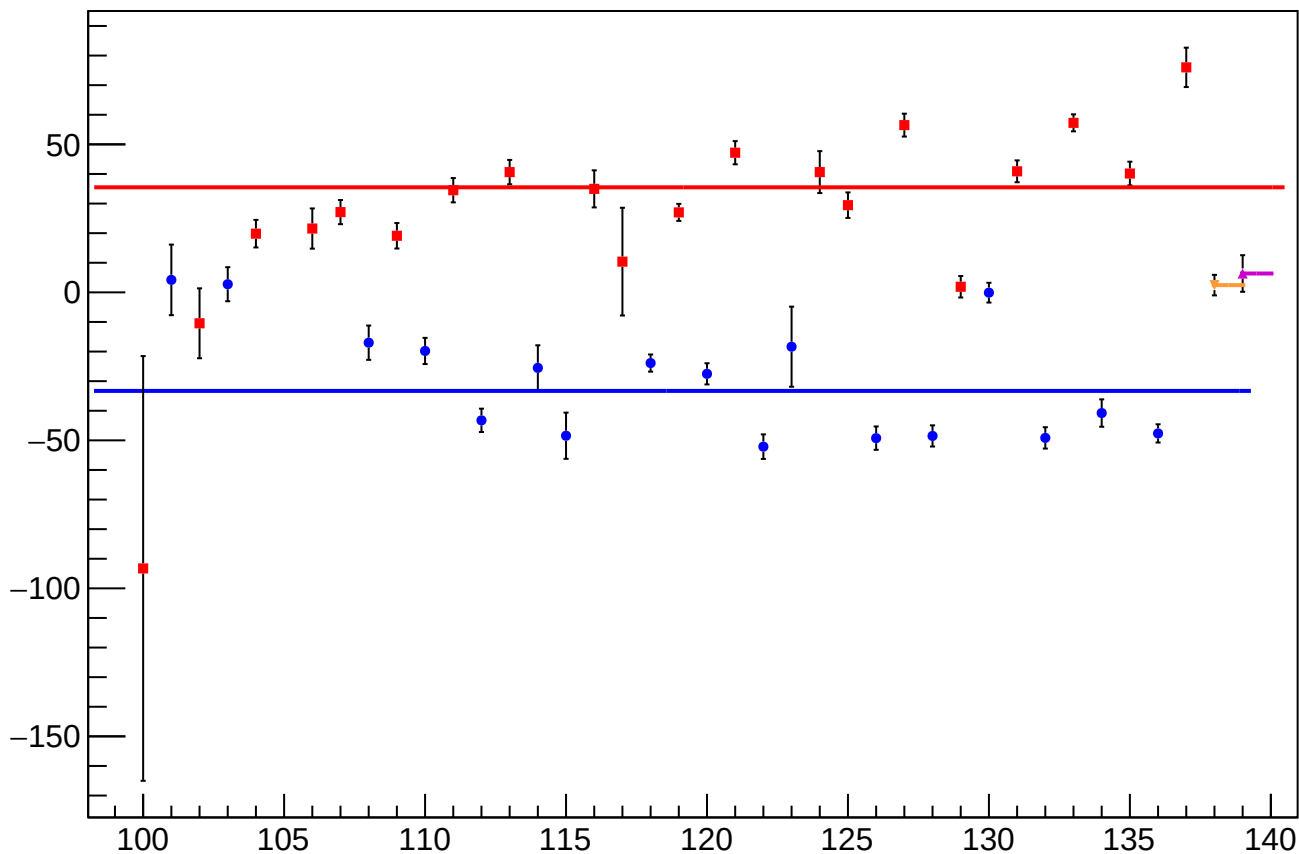
Left In: -24.410 $\pm$ 4.050 χ^2 /NDF: 0.0/0

43.112 $\pm$ 1.473 χ^2 /NDF: 446.5/17

1.088 $\pm$ 1.046 χ^2 /NDF: 2651.7/38

-41.762 $\pm$ 1.487 χ^2 /NDF: 560.6/20

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: 35.491 ± 0.991 χ^2/NDF : 289.5/19

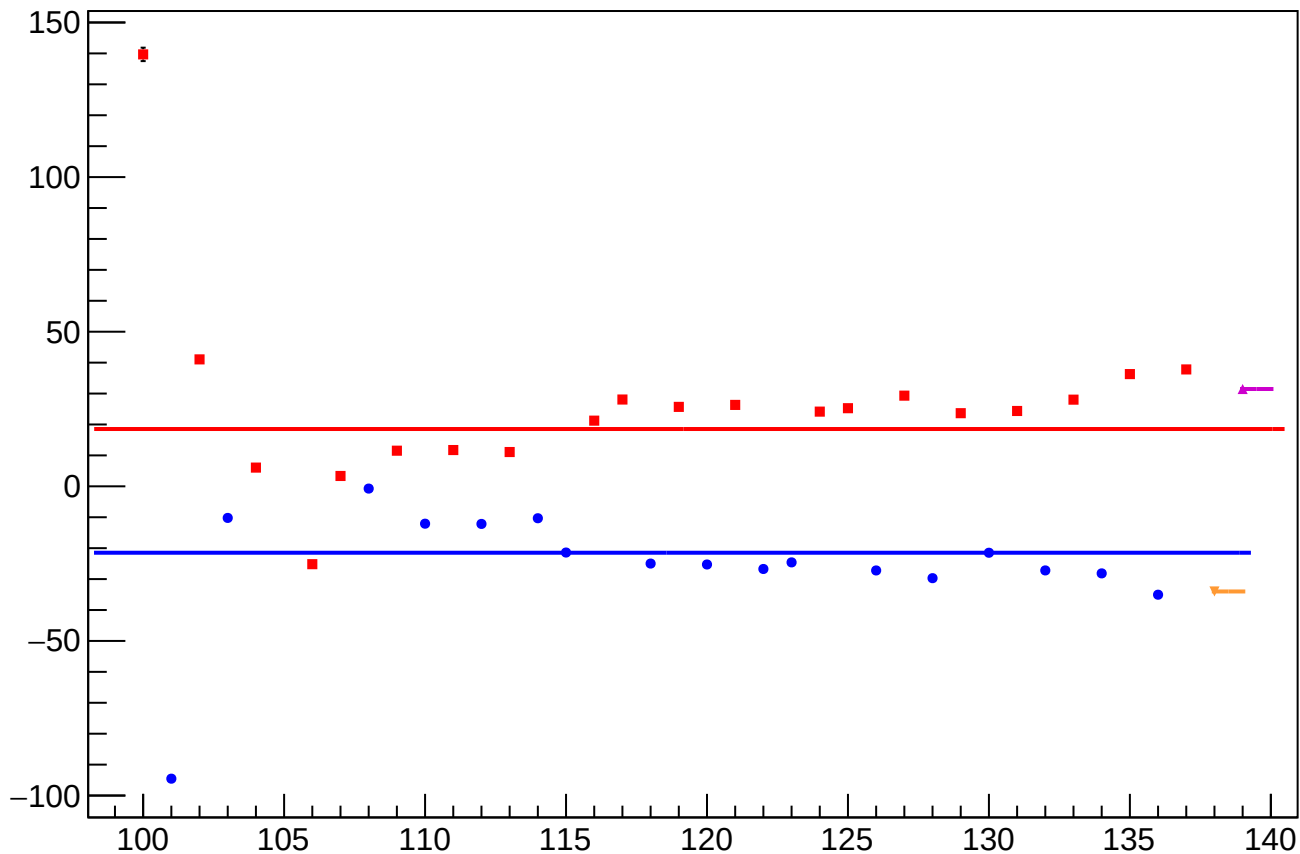
Left In: 6.368 ± 6.182 χ^2/NDF : 0.0/0

-30.384 ± 0.990 χ^2/NDF : 386.5/17

2.571 ± 0.696 χ^2/NDF : 2887.8/38

34.761 ± 0.979 χ^2/NDF : 311.2/20

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: 18.533 ± 0.057 $\chi^2/\text{NDF}: 80812.7/19$

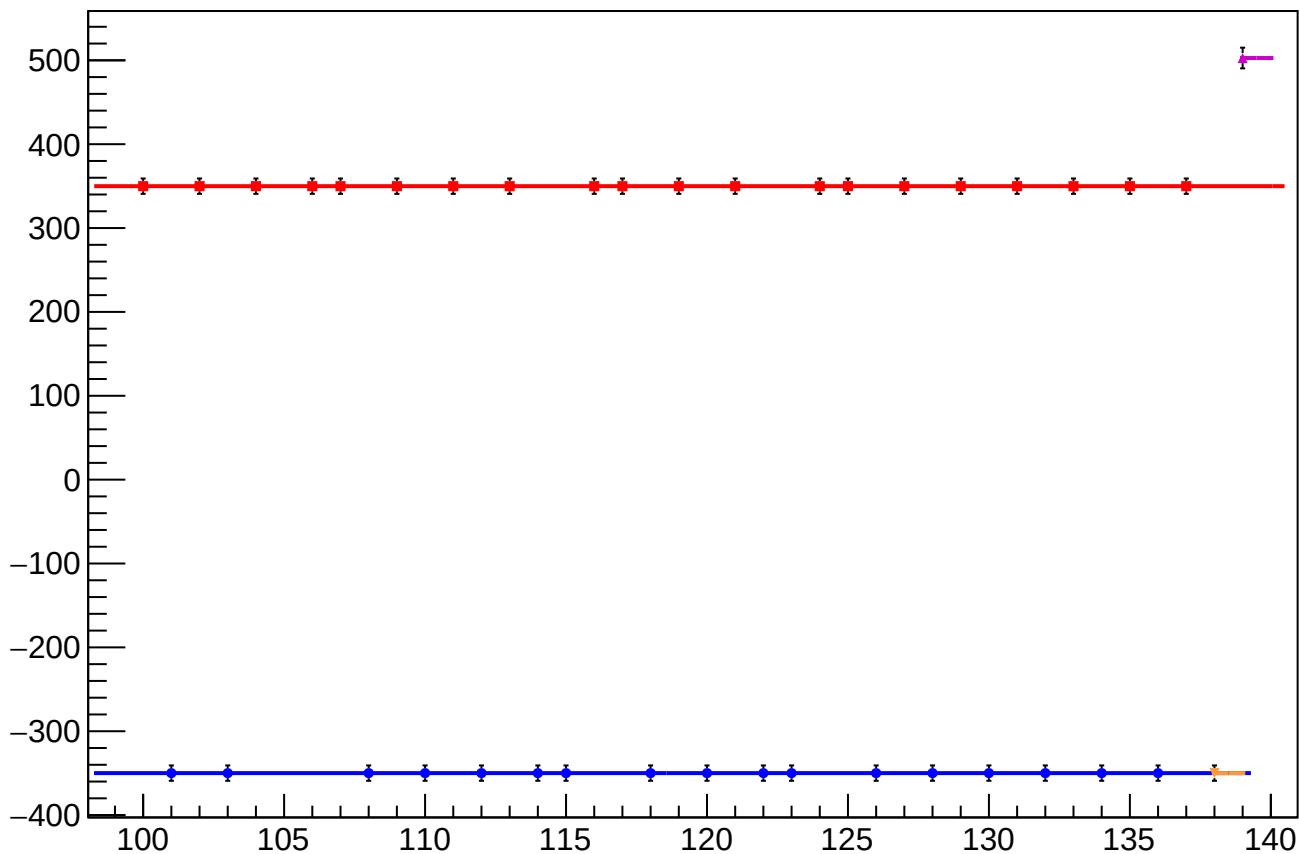
Left In: 31.472 ± 0.135 $\chi^2/\text{NDF}: 0.0/0$

-23.825 ± 0.053 $\chi^2/\text{NDF}: 57555.0/17$

-1.603 ± 0.037 $\chi^2/\text{NDF}: 498134.7/38$

20.495 ± 0.053 $\chi^2/\text{NDF}: 88552.2/20$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -349.933 ± 2.223 χ^2/NDF : 0.0/16

Left Out: -349.933 ± 9.166 χ^2/NDF : 0.0/0

Right Out: 349.933 ± 2.049 χ^2/NDF : 0.0/19

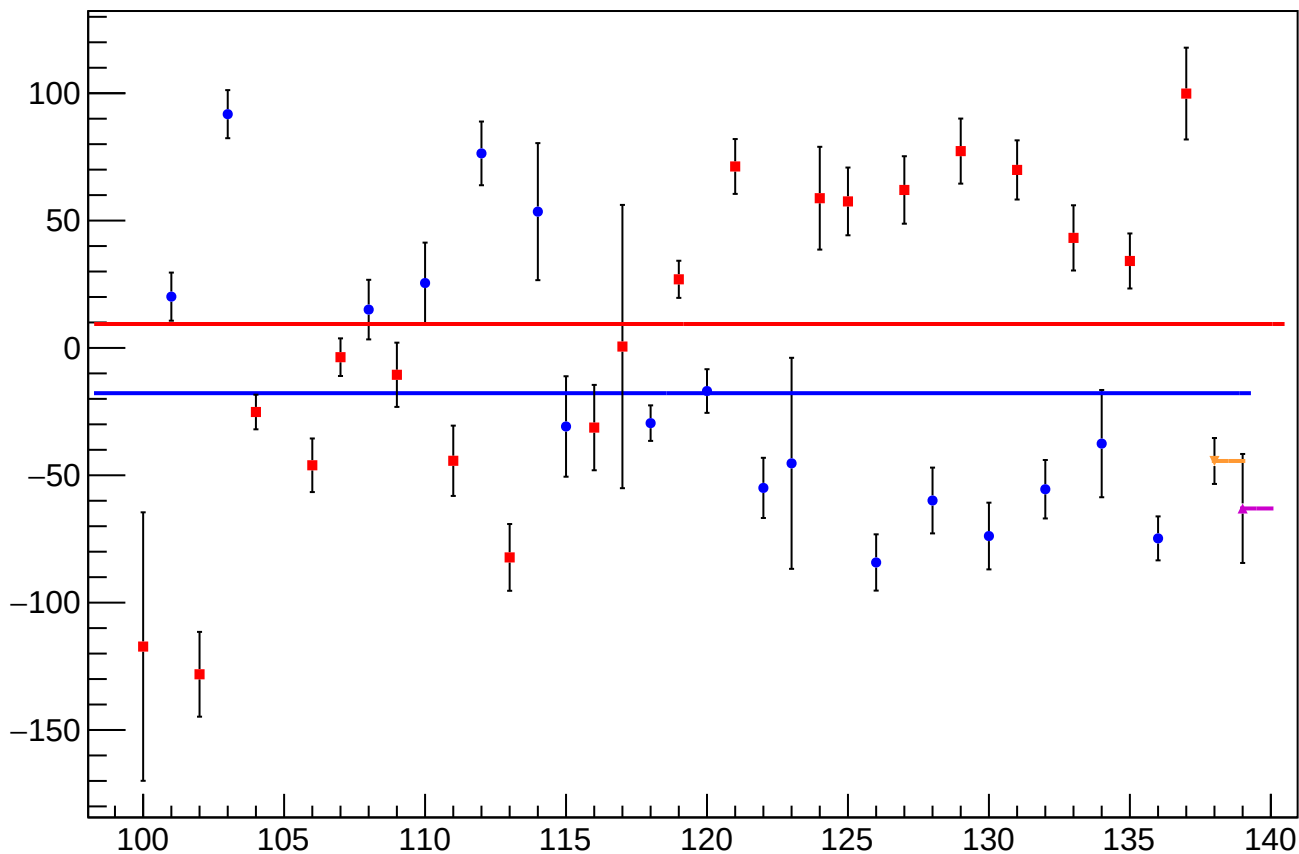
Left In: 502.746 ± 12.339 χ^2/NDF : 0.0/0

-349.933 ± 2.160 χ^2/NDF : 0.0/17

25.349 ± 1.476 χ^2/NDF : 56755.0/38

354.036 ± 2.022 χ^2/NDF : 149.3/20

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: 9.397 ± 2.610 χ^2/NDF : 369.6/19

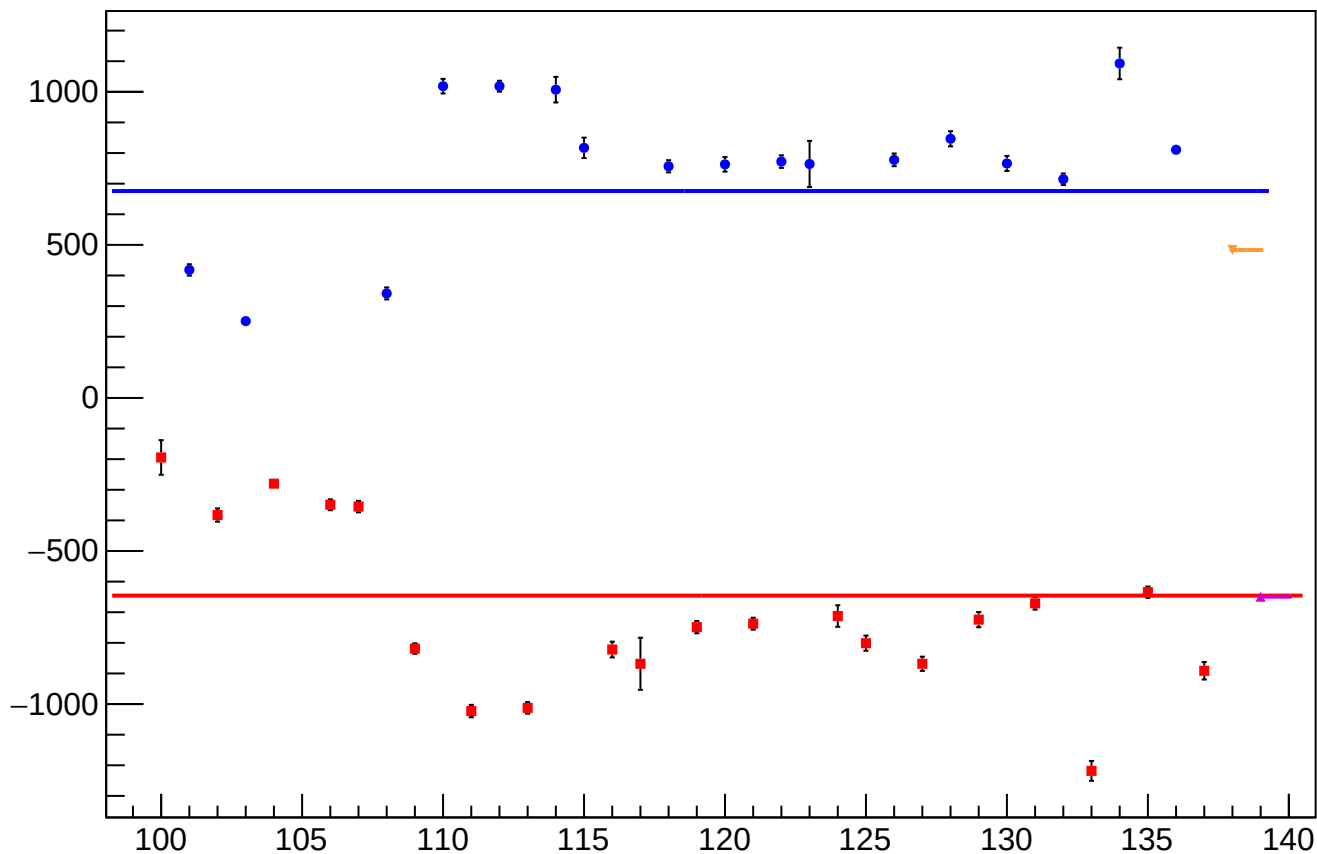
Left In: -63.029 ± 21.395 χ^2/NDF : 0.0/0

-20.079 ± 2.658 χ^2/NDF : 371.8/17

-5.512 ± 1.855 χ^2/NDF : 811.3/38

8.335 ± 2.591 χ^2/NDF : 380.9/20

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871 ± 5.037 χ^2/NDF : 2586.4/16

Left Out: 483.194 ± 9.935 χ^2/NDF : 0.0/0

Right Out: -645.711 ± 4.753 χ^2/NDF : 3130.1/19

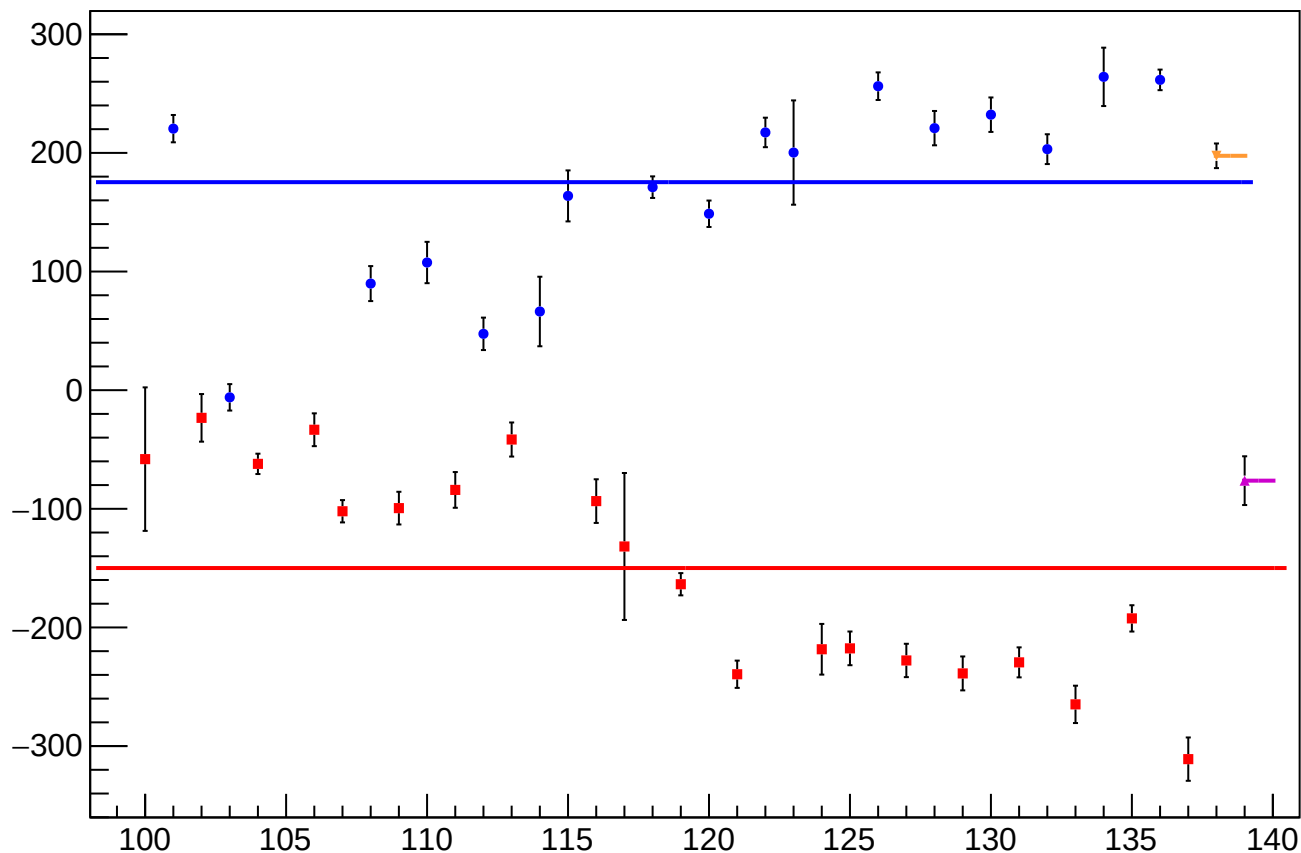
Left In: -649.176 ± 13.454 χ^2/NDF : 0.0/0

636.473 ± 4.493 χ^2/NDF : 2885.6/17

-6.345 ± 3.173 χ^2/NDF : 46862.9/38

-646.095 ± 4.482 χ^2/NDF : 3130.2/20

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: -149.923 $\pm$ 3.041 χ^2 /NDF: 693.2/19

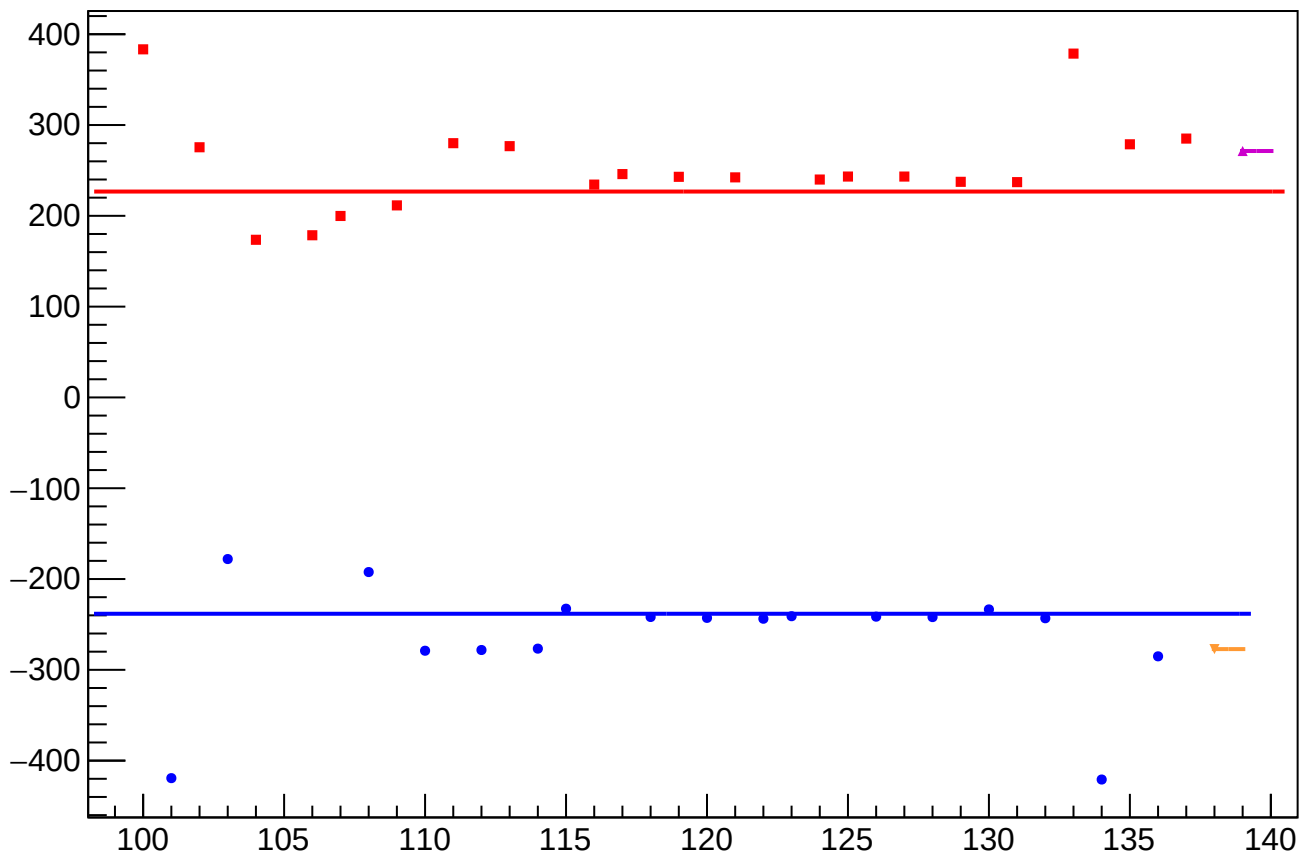
Left In: -76.272 $\pm$ 20.547 χ^2 /NDF: 0.0/0

177.271 $\pm$ 3.061 χ^2 /NDF: 642.6/17

11.677 $\pm$ 2.146 χ^2 /NDF: 7104.8/38

-148.343 $\pm$ 3.009 χ^2 /NDF: 705.8/20

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: 226.735±/0.151 χ^2 /NDF: 102855.7/19

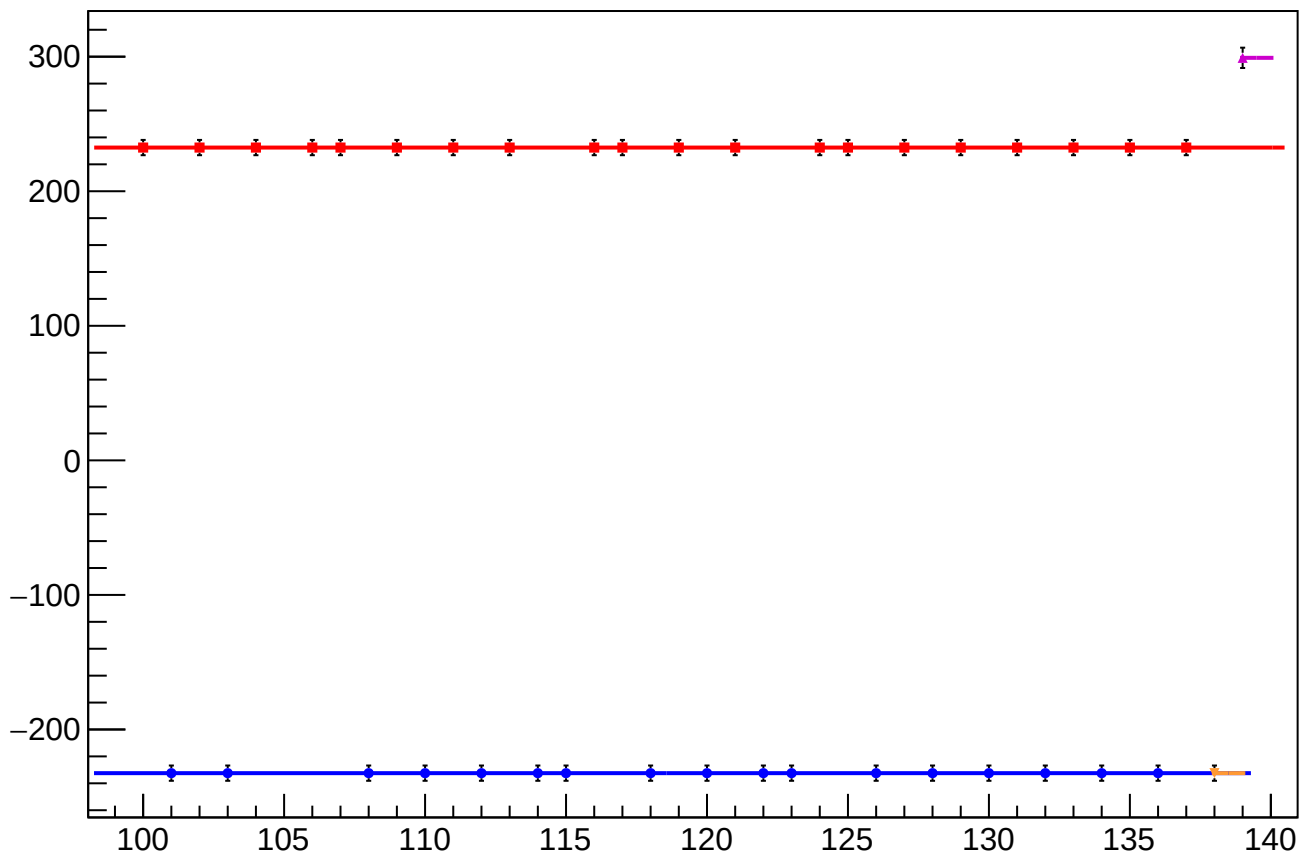
Left In: 271.386±/0.451 χ^2 /NDF:0.0/0

-243.720±/0.148 χ^2 /NDF: 175452.1/17

2.052±/0.103 χ^2 /NDF: 5598422.8/38

231.242±/0.143 χ^2 /NDF: 111683.7/20

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -232.456+/-1.378 χ^2/NDF : 0.0/16

Left Out: -232.456+/-5.680 χ^2/NDF : 0.0/0

Right Out: 232.456+/-1.270 χ^2/NDF : 0.0/19

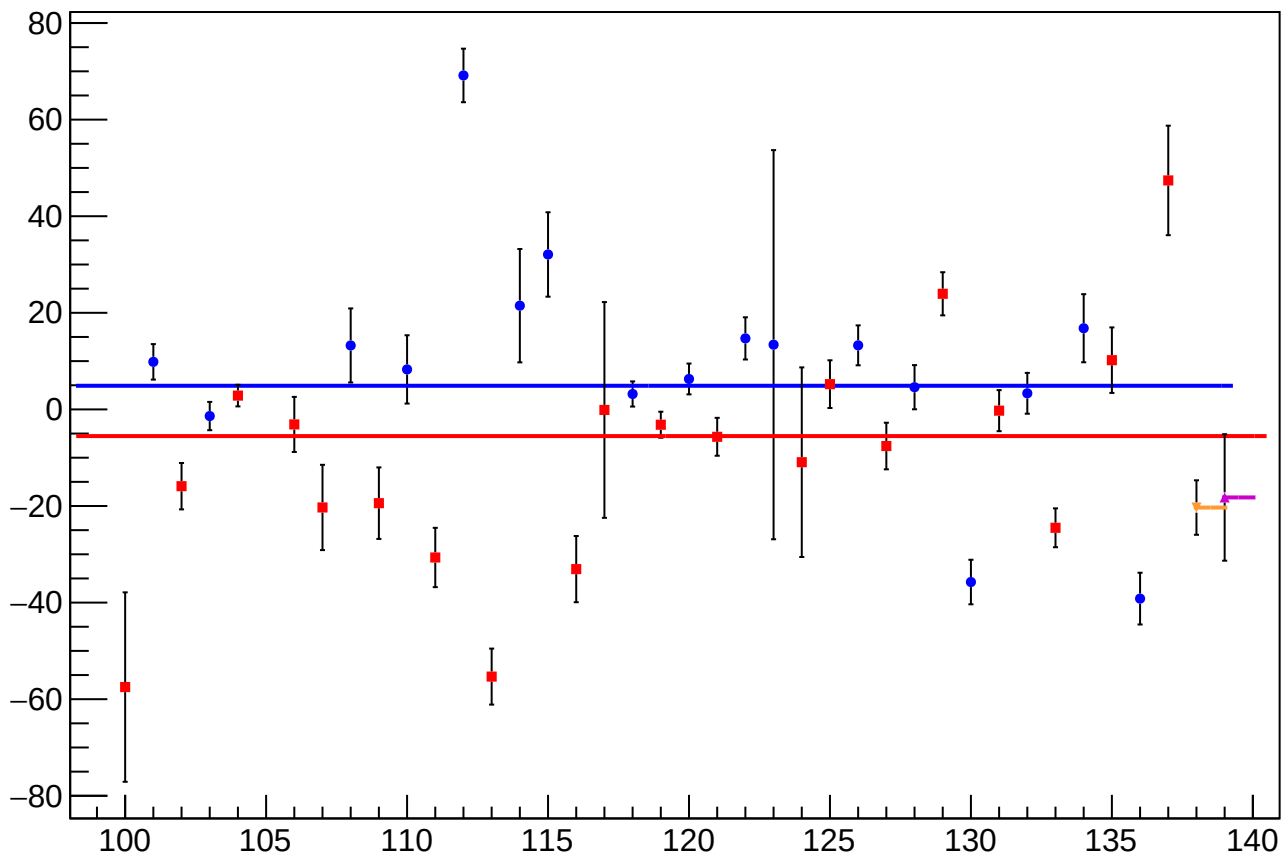
Left In: 299.140+/-7.553 χ^2/NDF : 0.0/0

-232.456+/-1.339 χ^2/NDF : 0.0/17

16.443+/-0.915 χ^2/NDF : 64880.2/38

234.290+/-1.253 χ^2/NDF : 75.8/20

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: -5.522 ± 1.070 χ^2/NDF : 239.2/19

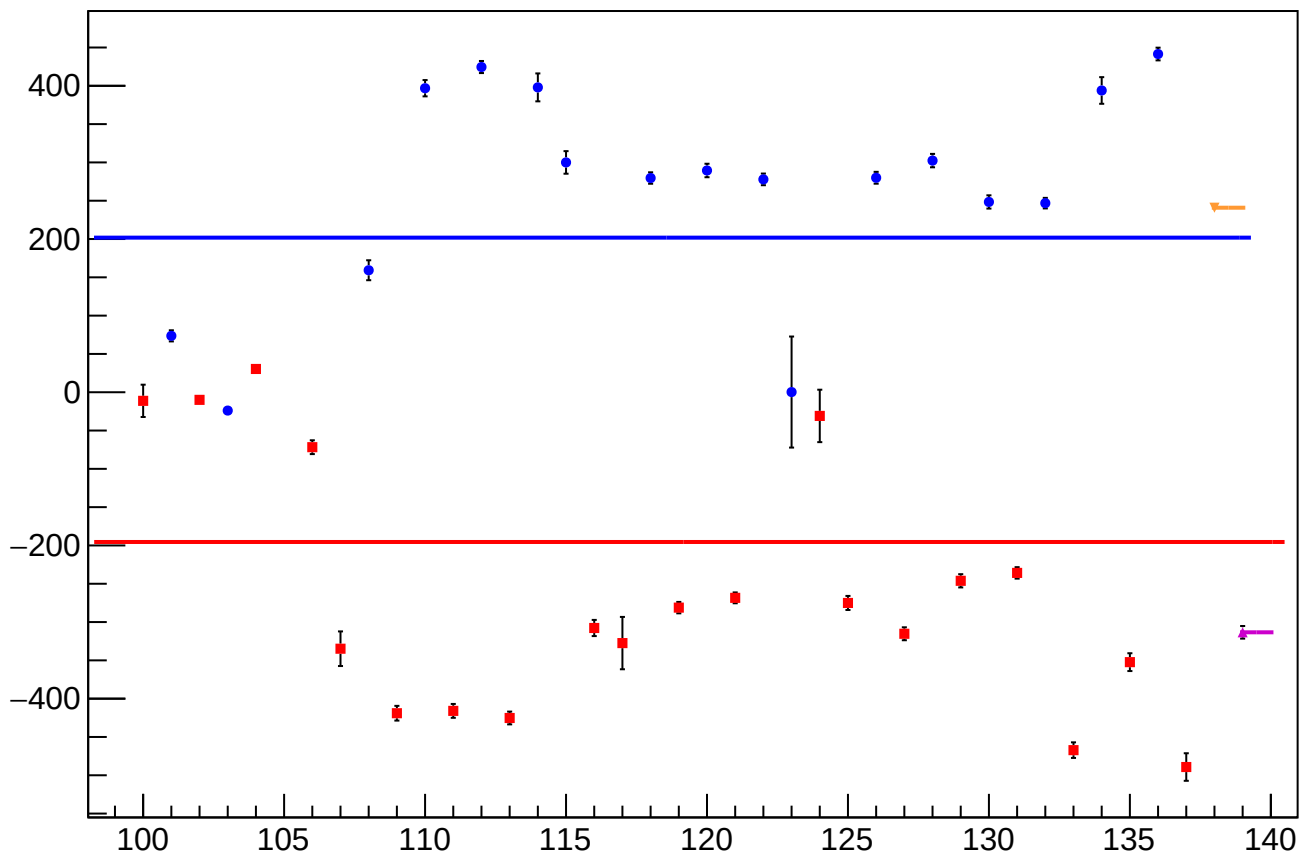
Left In: -18.227 ± 13.097 χ^2/NDF : 0.0/0

3.990 ± 1.069 χ^2/NDF : 331.2/17

-0.820 ± 0.755 χ^2/NDF : 611.7/38

-5.606 ± 1.067 χ^2/NDF : 240.1/20

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: -195.472 $\pm$ 1.921 χ^2 /NDF: 8272.1/19

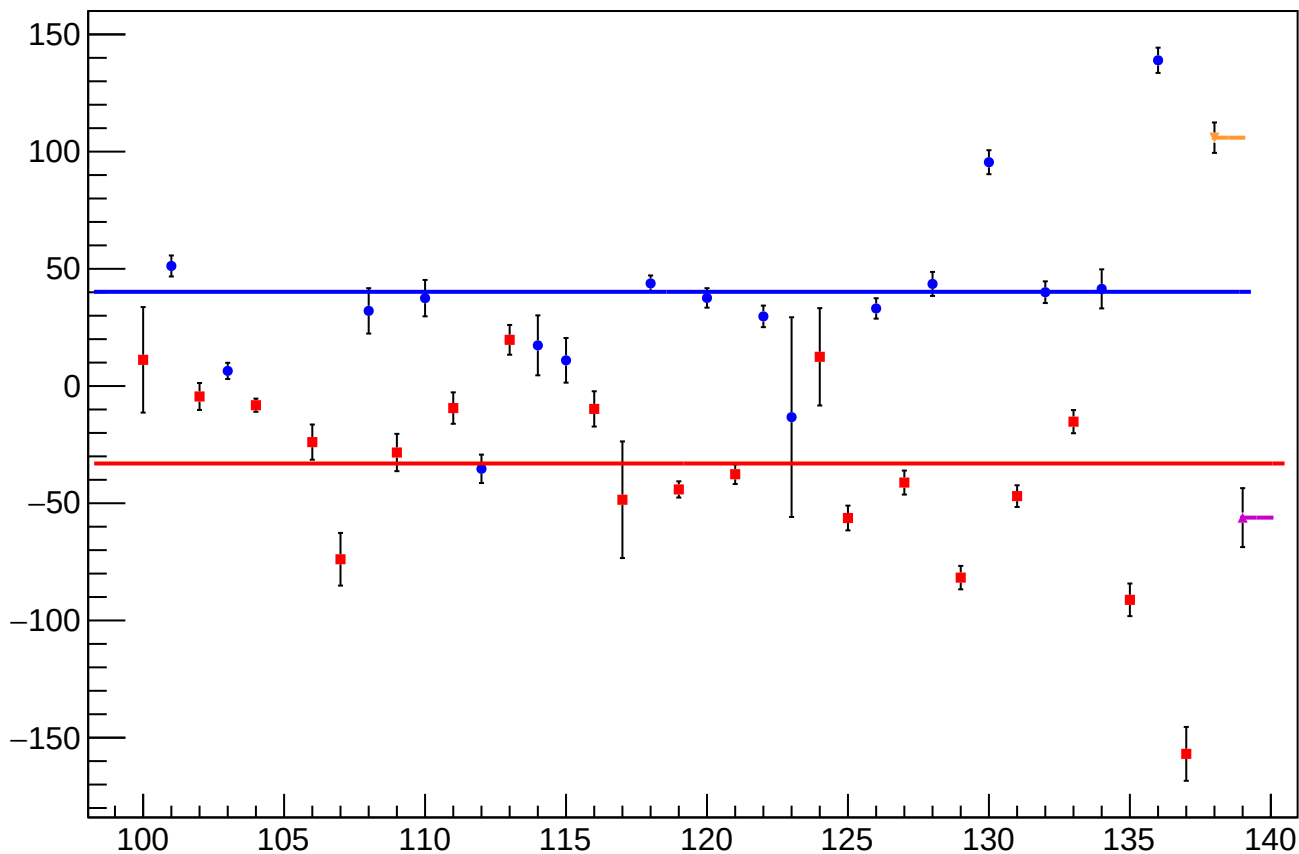
Left In: -313.382 $\pm$ 8.235 χ^2 /NDF: 0.0/0

205.436 $\pm$ 1.877 χ^2 /NDF: 6790.7/17

1.329 $\pm$ 1.325 χ^2 /NDF: 38842.4/38

-201.559 $\pm$ 1.871 χ^2 /NDF: 8466.5/20

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: -33.038 $\pm$ 1.251 χ^2/NDF : 554.5/19

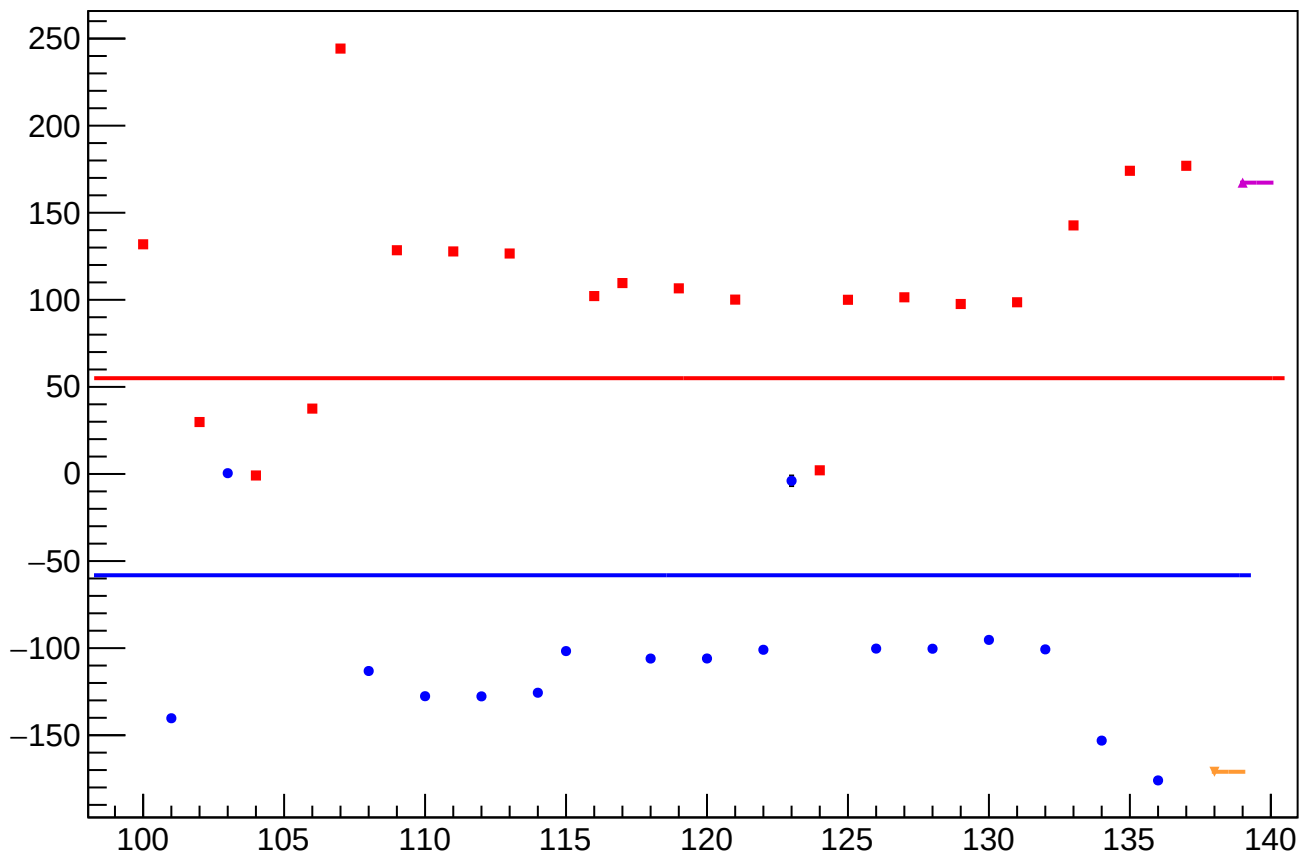
Left In: -56.129 $\pm$ 12.578 χ^2/NDF : 0.0/0

42.616 $\pm$ 1.244 χ^2/NDF : 834.0/17

4.701 $\pm$ 0.880 χ^2/NDF : 3251.0/38

-33.265 $\pm$ 1.245 χ^2/NDF : 557.8/20

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: 54.995 ± 0.060 $\chi^2/\text{NDF}: 1005108.5/19$

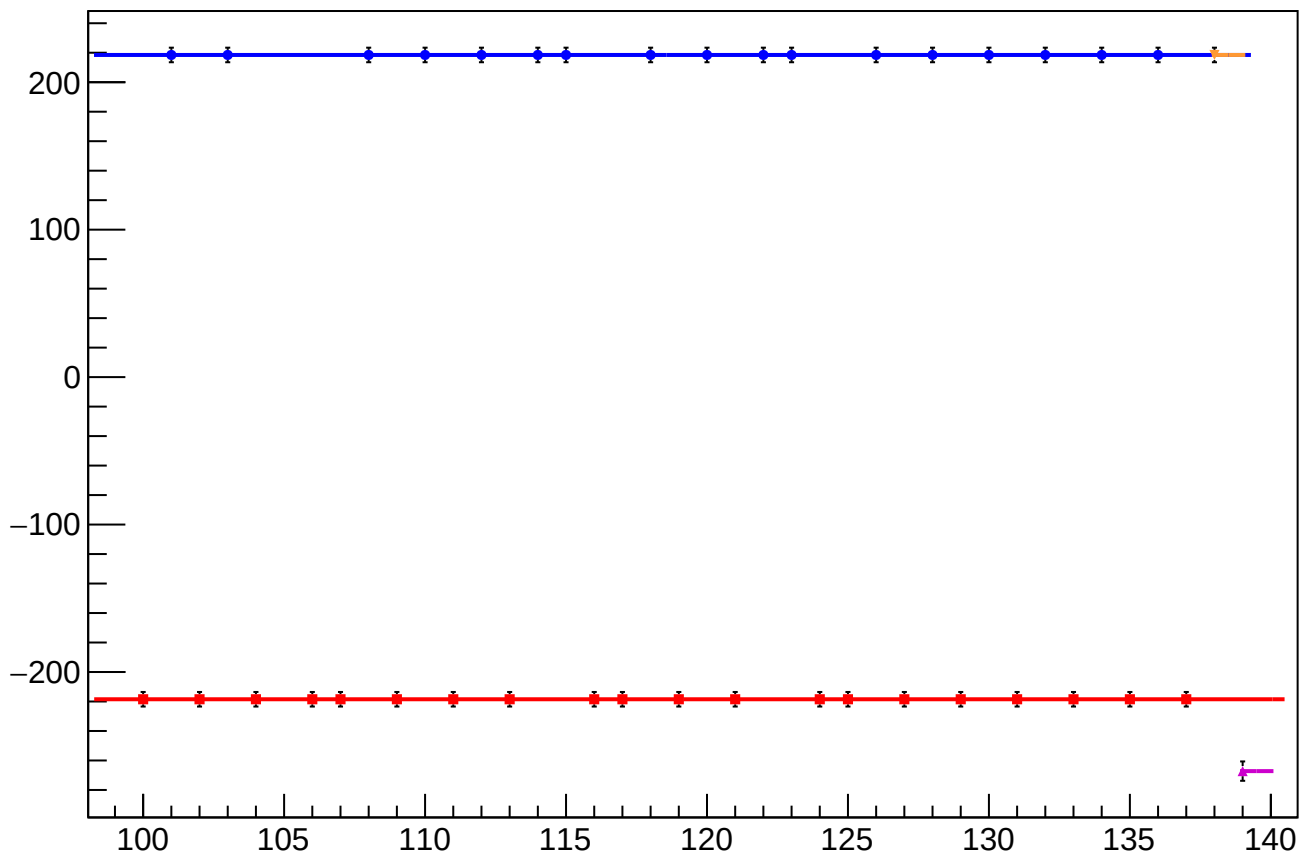
Left In: 167.278 ± 0.276 $\chi^2/\text{NDF}: 0.0/0$

-64.904 ± 0.060 $\chi^2/\text{NDF}: 1306344.6/17$

-1.446 ± 0.042 $\chi^2/\text{NDF}: 4694758.0/38$

60.093 ± 0.059 $\chi^2/\text{NDF}: 1163161.0/20$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 218.484+/-1.199 χ^2/NDF : 0.0/16

Left Out: 218.484+/-4.943 χ^2/NDF : 0.0/0

Right Out: -218.484+/-1.105 χ^2/NDF : 0.0/19

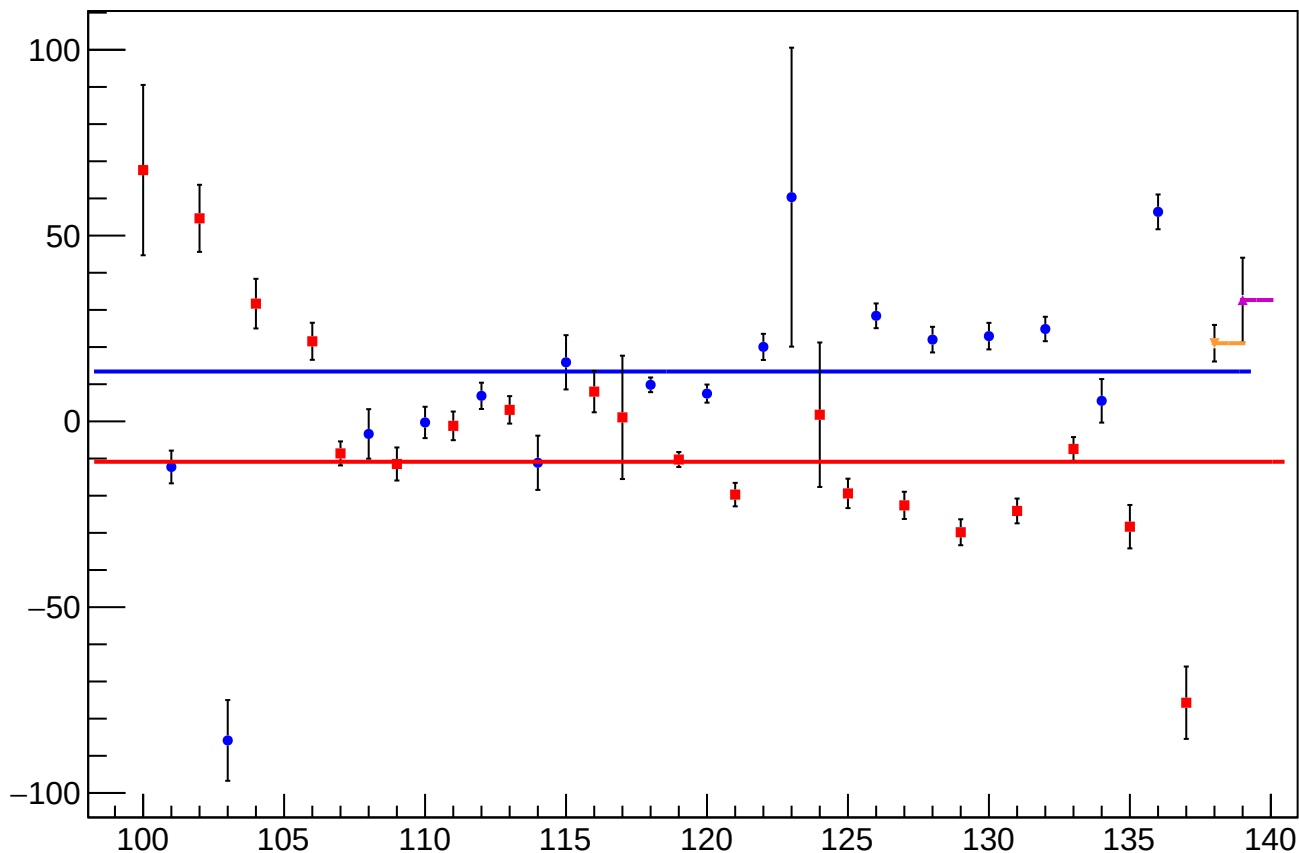
Left In: -267.217+/-6.566 χ^2/NDF : 0.0/0

218.484+/-1.165 χ^2/NDF : 0.0/17

-15.258+/-0.796 χ^2/NDF : 75516.8/38

-219.827+/-1.090 χ^2/NDF : 53.6/20

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: 21.037+/-4.923 χ^2/NDF : 0.0/0

Right Out: -10.871+/-0.915 χ^2/NDF : 303.1/19

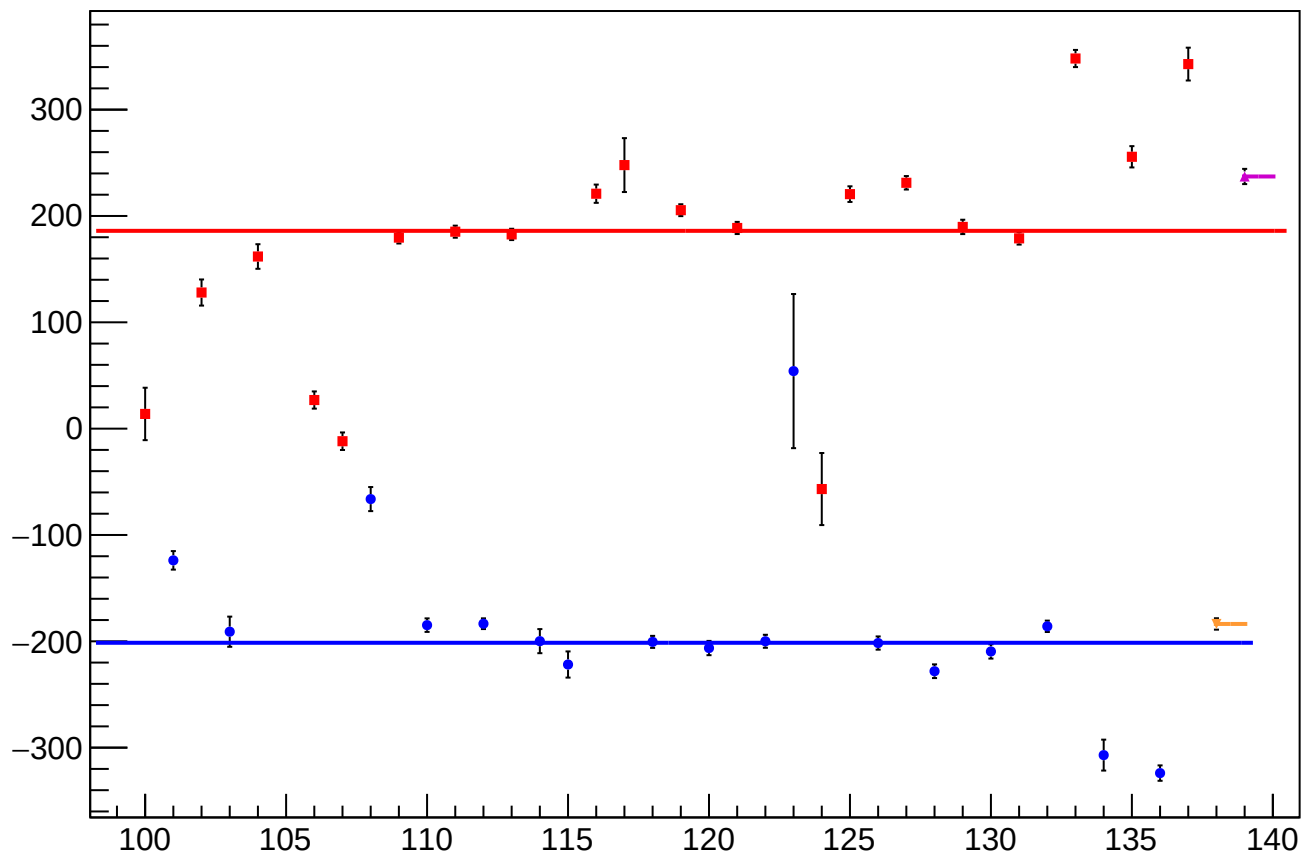
Left In: 32.662+/-11.385 χ^2/NDF : 0.0/0

13.679+/-0.904 χ^2/NDF : 297.5/17

1.649+/-0.642 χ^2/NDF : 972.6/38

-10.592+/-0.912 χ^2/NDF : 317.6/20

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384 ± 1.779 $\chi^2/\text{NDF}: 623.5/16$

Left Out: -183.674 ± 5.359 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 186.017 ± 1.696 $\chi^2/\text{NDF}: 1755.3/19$

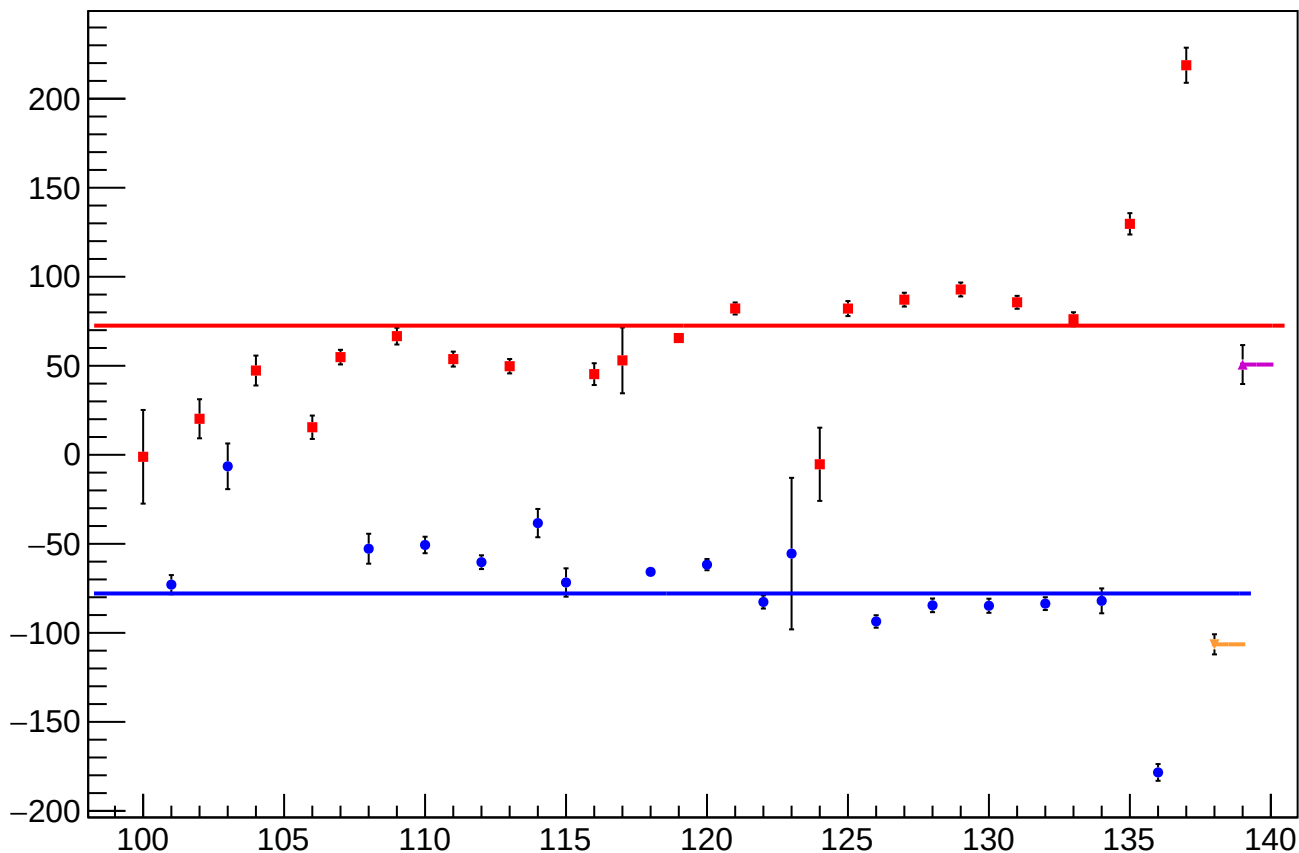
Left In: 237.137 ± 7.159 $\chi^2/\text{NDF}: 0.0/0$

-199.625 ± 1.689 $\chi^2/\text{NDF}: 633.3/17$

-0.996 ± 1.180 $\chi^2/\text{NDF}: 29483.4/38$

188.734 ± 1.651 $\chi^2/\text{NDF}: 1803.6/20$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877 $\pm$ 1.066 χ^2 /NDF: 658.2/16

Left Out: -106.447 $\pm$ 5.654 χ^2 /NDF: 0.0/0

Right Out: 72.548 $\pm$ 1.052 χ^2 /NDF: 608.0/19

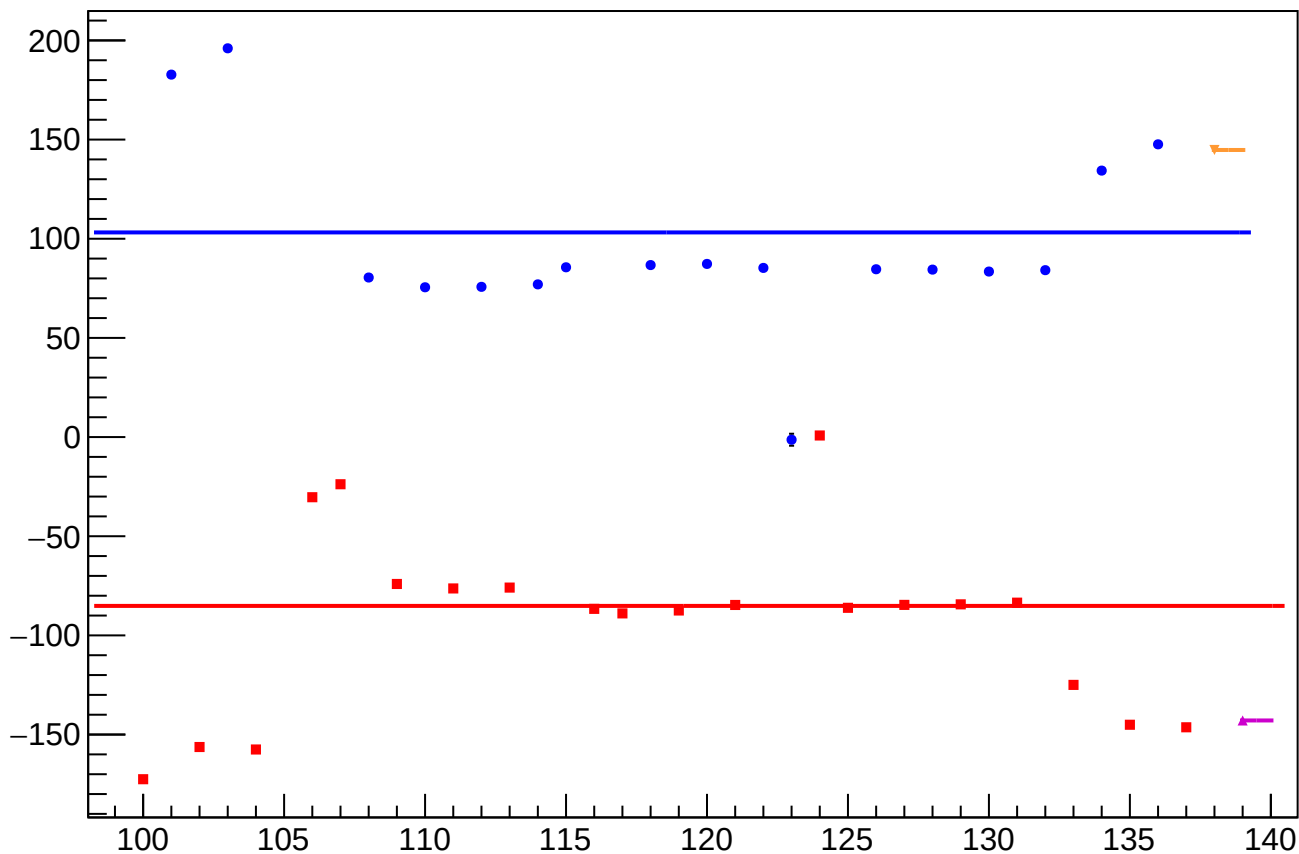
Left In: 50.694 $\pm$ 10.934 χ^2 /NDF: 0.0/0

-78.857 $\pm$ 1.047 χ^2 /NDF: 682.8/17

-3.261 $\pm$ 0.741 χ^2 /NDF: 11718.3/38

72.348 $\pm$ 1.047 χ^2 /NDF: 612.0/20

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188+/-0.070 χ^2/NDF : 273587.8/16

Left Out: 144.759+/-0.212 χ^2/NDF : 0.0/0

Right Out: -85.132+/-0.064 χ^2/NDF : 423532.0/19

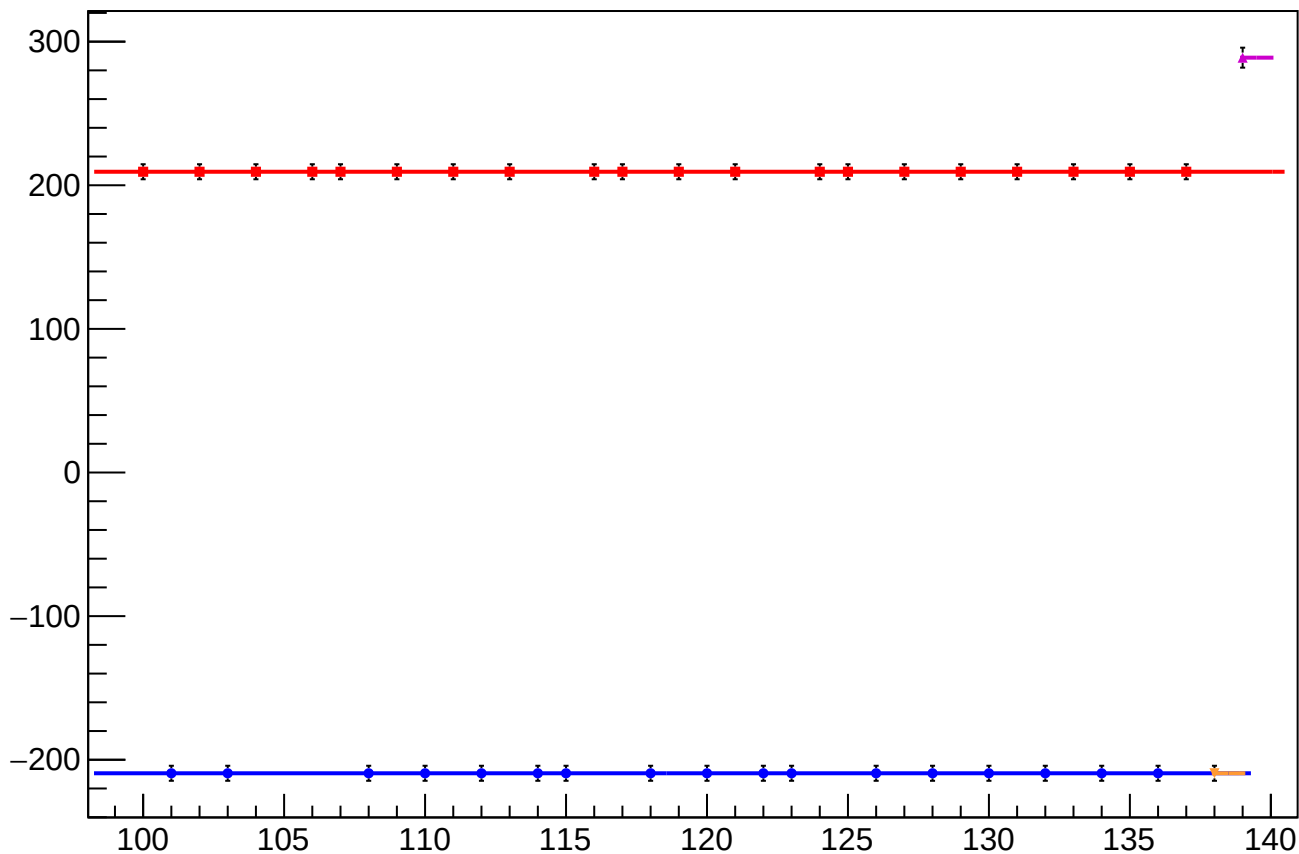
Left In: -142.895+/-0.240 χ^2/NDF : 0.0/0

107.300+/-0.067 χ^2/NDF : 308141.1/17

1.151+/-0.045 χ^2/NDF : 5458713.6/38

-88.928+/-0.062 χ^2/NDF : 477685.3/20

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -209.411 ± 1.271 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -209.411 ± 5.239 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 209.411 ± 1.172 $\chi^2/\text{NDF}: 0.0/19$

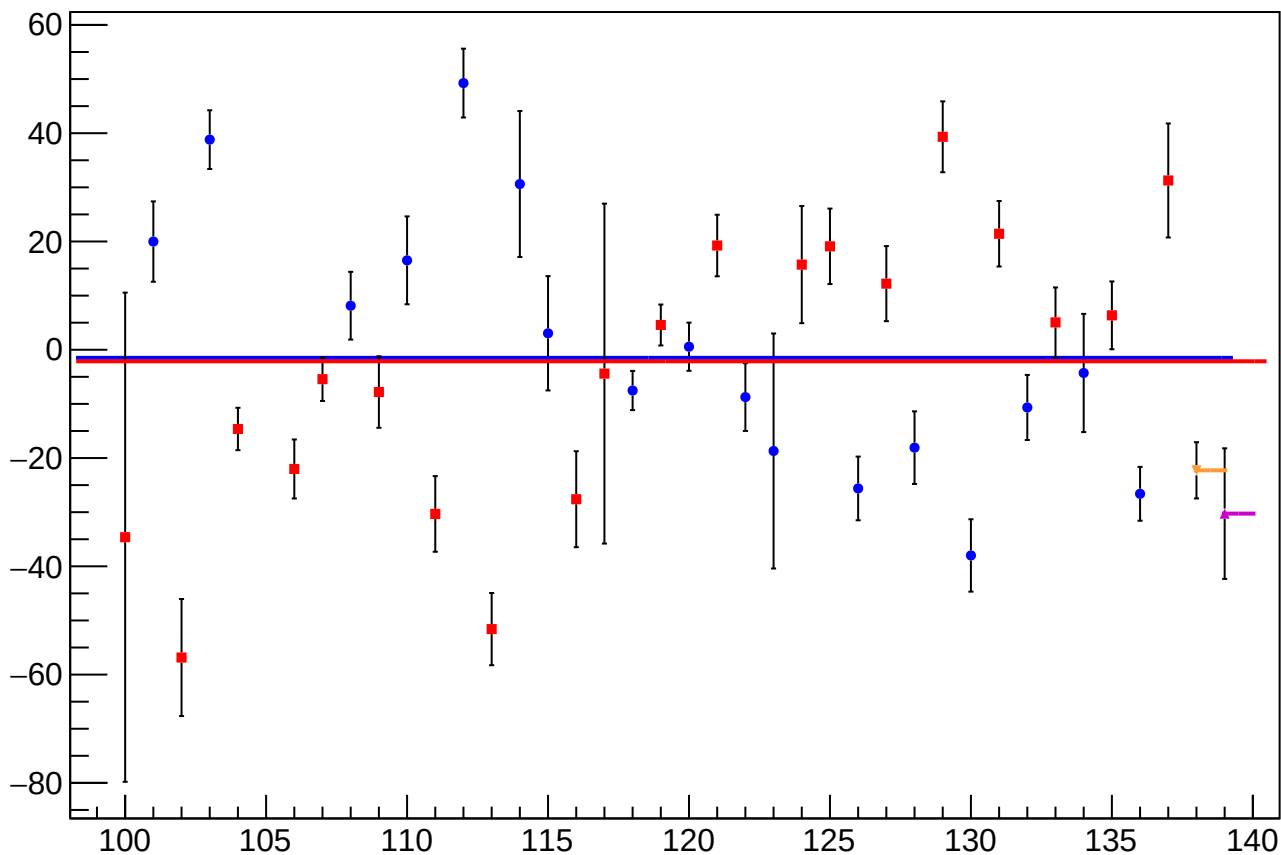
Left In: 288.846 ± 6.957 $\chi^2/\text{NDF}: 0.0/0$

-209.411 ± 1.235 $\chi^2/\text{NDF}: 0.0/17$

15.108 ± 0.844 $\chi^2/\text{NDF}: 62111.4/38$

211.602 ± 1.155 $\chi^2/\text{NDF}: 126.8/20$

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: -2.131+/-1.401 χ^2 /NDF: 232.6/19

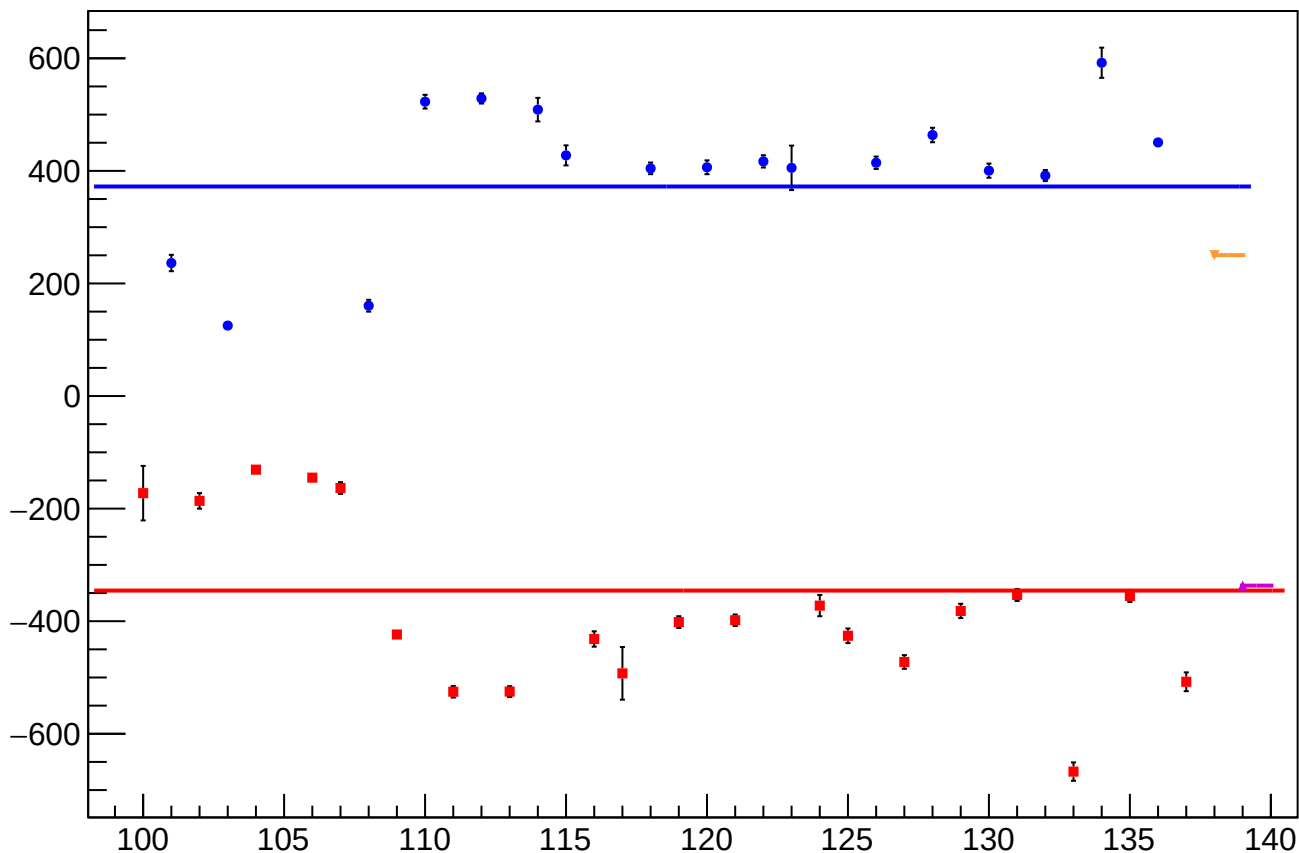
Left In: -30.265+/-12.062 χ^2 /NDF: 0.0/0

-3.117+/-1.453 χ^2 /NDF: 240.8/17

-2.798+/-1.005 χ^2 /NDF: 478.9/38

-2.506+/-1.392 χ^2 /NDF: 238.0/20

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: -345.577+/-2.558 χ^2/NDF : 3426.4/19

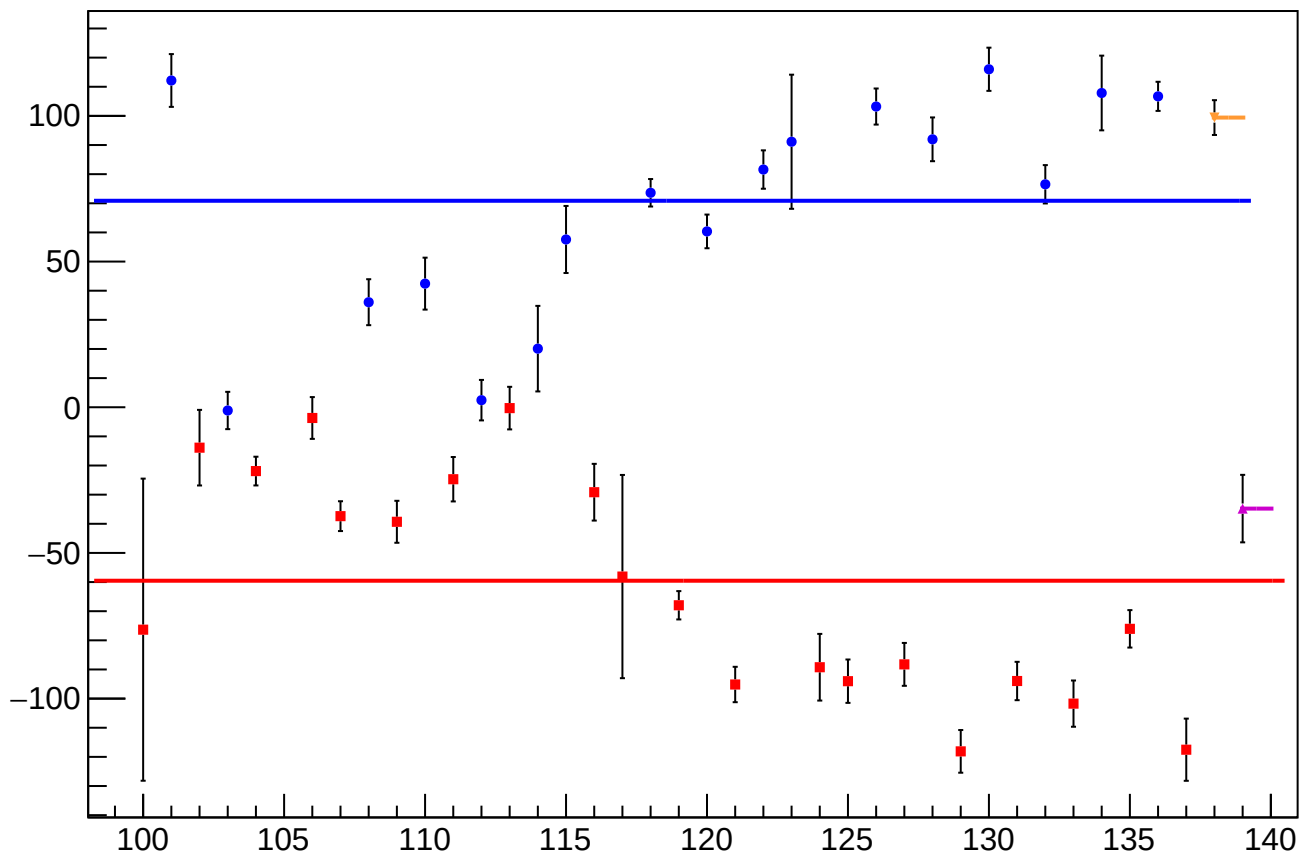
Left In: -336.813+/-7.585 χ^2/NDF : 0.0/0

348.976+/-2.482 χ^2/NDF : 2806.0/17

-6.032+/-1.734 χ^2/NDF : 46208.1/38

-344.682+/-2.424 χ^2/NDF : 3427.6/20

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.867+/-1.743 χ^2/NDF : 427.0/16

Left Out: 99.422+/-5.973 χ^2/NDF : 0.0/0

Right Out: -59.543+/-1.631 χ^2/NDF : 490.9/19

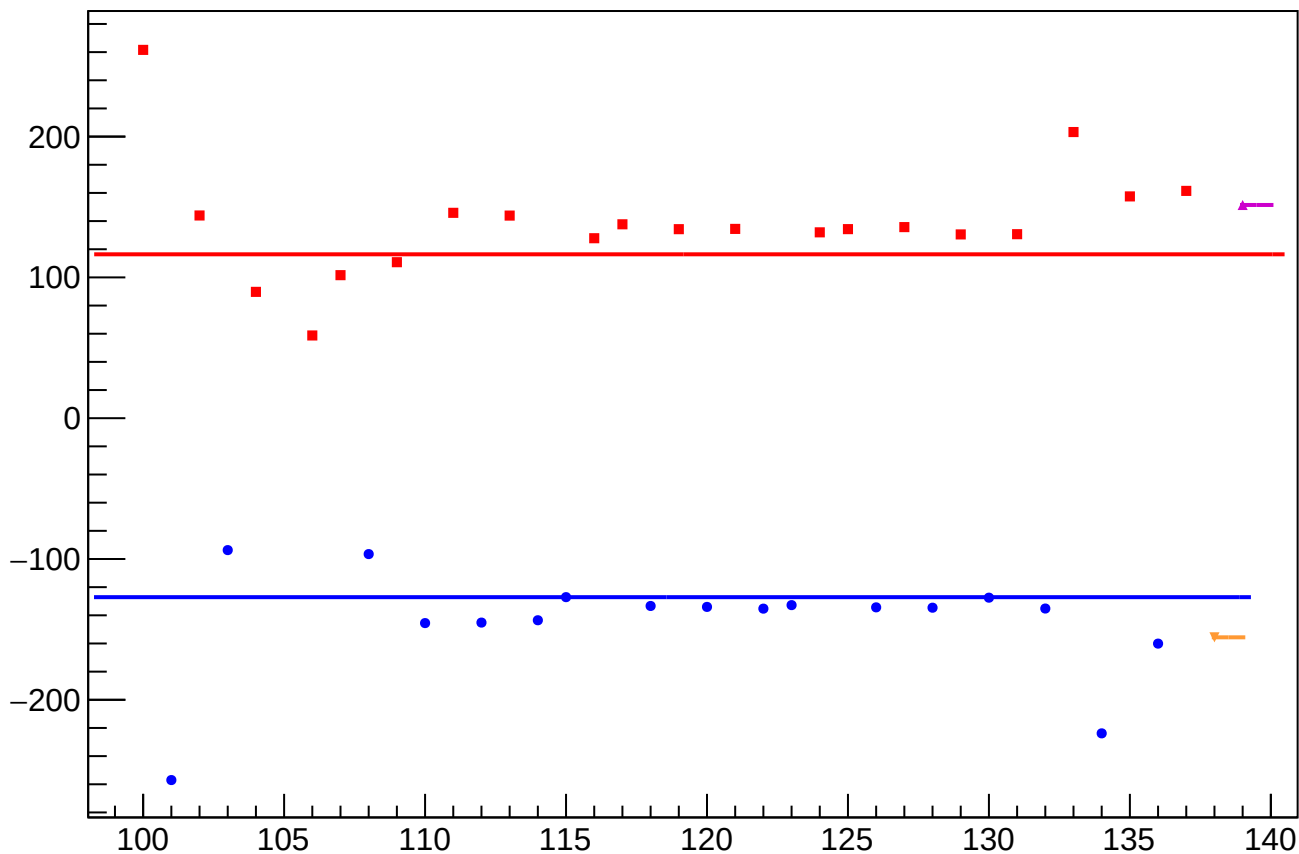
Left In: -34.787+/-11.584 χ^2/NDF : 0.0/0

73.108+/-1.673 χ^2/NDF : 448.0/17

4.701+/-1.162 χ^2/NDF : 4173.2/38

-59.061+/-1.615 χ^2/NDF : 495.4/20

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: 116.401+/-0.083 χ^2/NDF : 167694.5/19

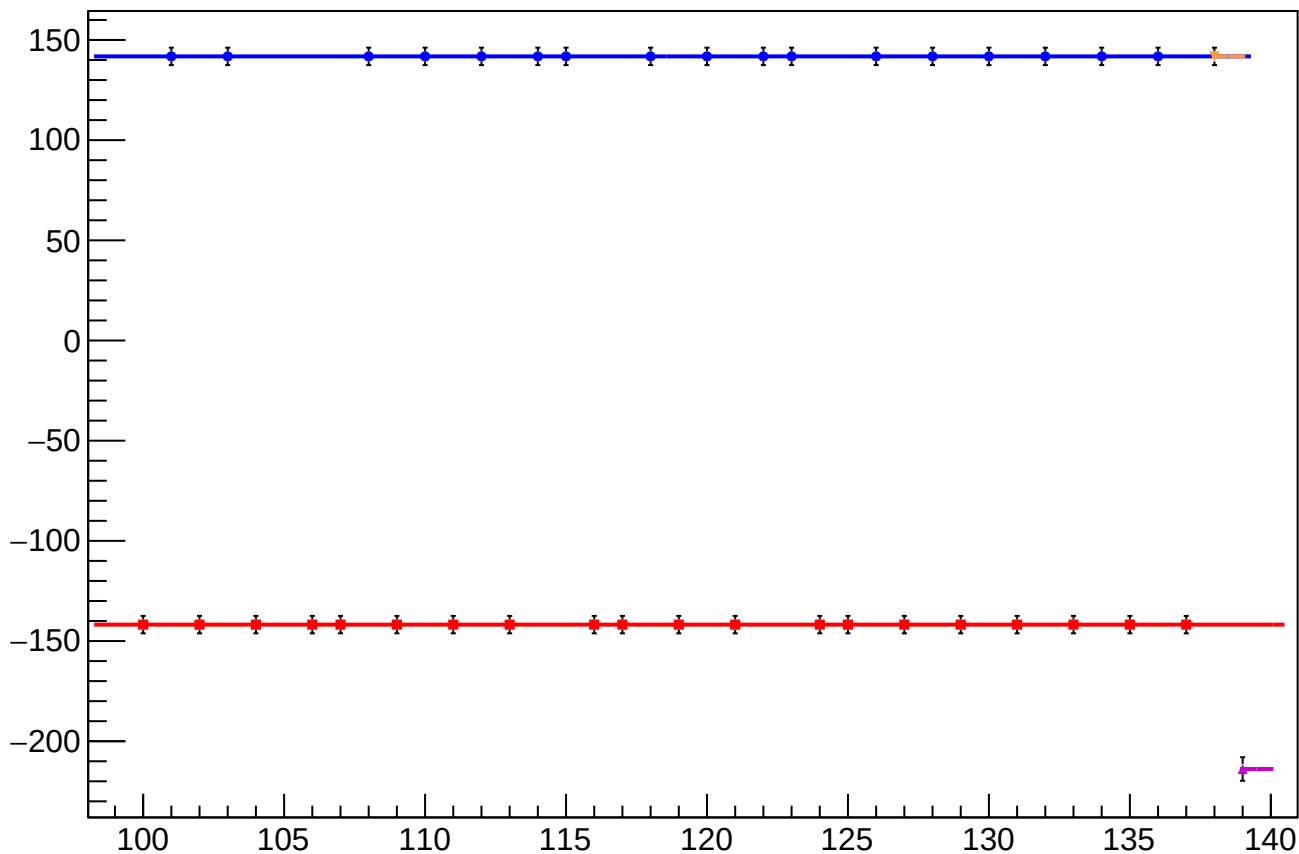
Left In: 151.440+/-0.254 χ^2/NDF : 0.0/0

-130.984+/-0.083 χ^2/NDF : 180901.4/17

1.136+/-0.057 χ^2/NDF : 5159706.2/38

119.771+/-0.079 χ^2/NDF : 184893.1/20

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 141.803 ± 1.055 χ^2/NDF : 0.0/16

Left Out: 141.803 ± 4.352 χ^2/NDF : 0.0/0

Right Out: -141.803 ± 0.973 χ^2/NDF : 0.0/19

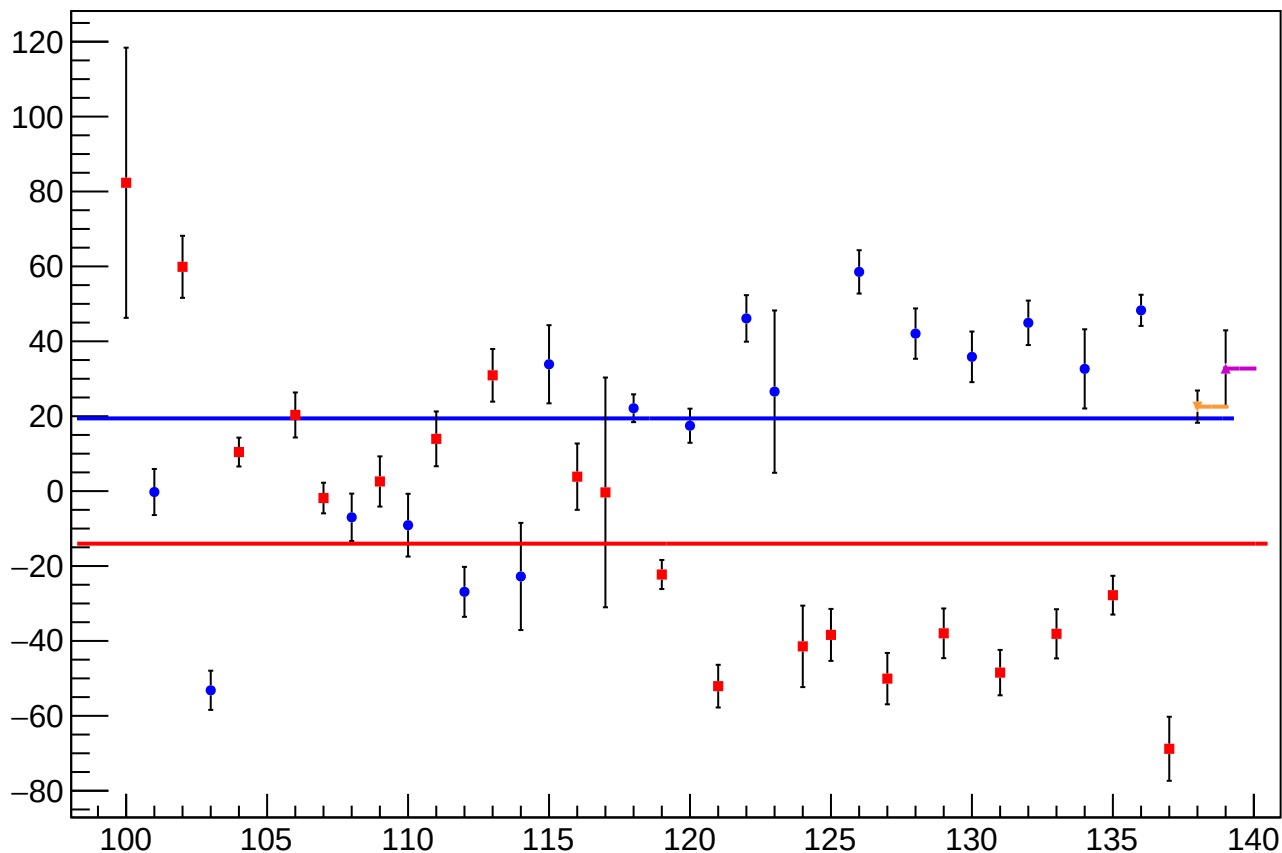
Left In: -213.864 ± 5.886 χ^2/NDF : 0.0/0

141.803 ± 1.026 χ^2/NDF : 0.0/17

-10.390 ± 0.701 χ^2/NDF : 41451.5/38

-143.720 ± 0.960 χ^2/NDF : 145.9/20

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416+/-1.480 χ^2/NDF : 441.1/16

Left Out: 22.557+/-4.306 χ^2/NDF : 0.0/0

Right Out: -14.027+/-1.391 χ^2/NDF : 436.7/19

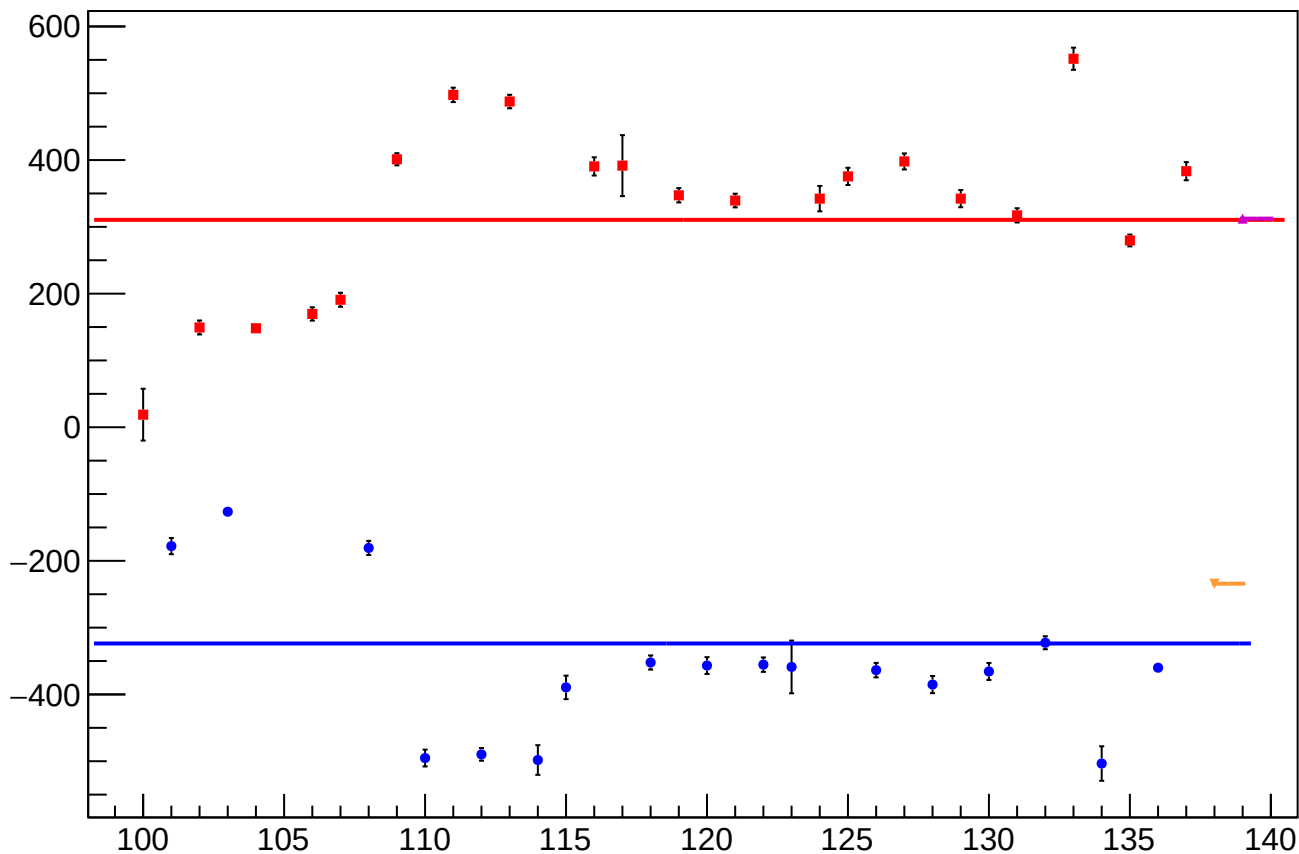
Left In: 32.727+/-10.206 χ^2/NDF : 0.0/0

19.748+/-1.399 χ^2/NDF : 441.6/17

3.031+/-0.982 χ^2/NDF : 1179.9/38

-13.175+/-1.378 χ^2/NDF : 457.3/20

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: 310.471 ± 2.519 χ^2/NDF : 2303.1/19

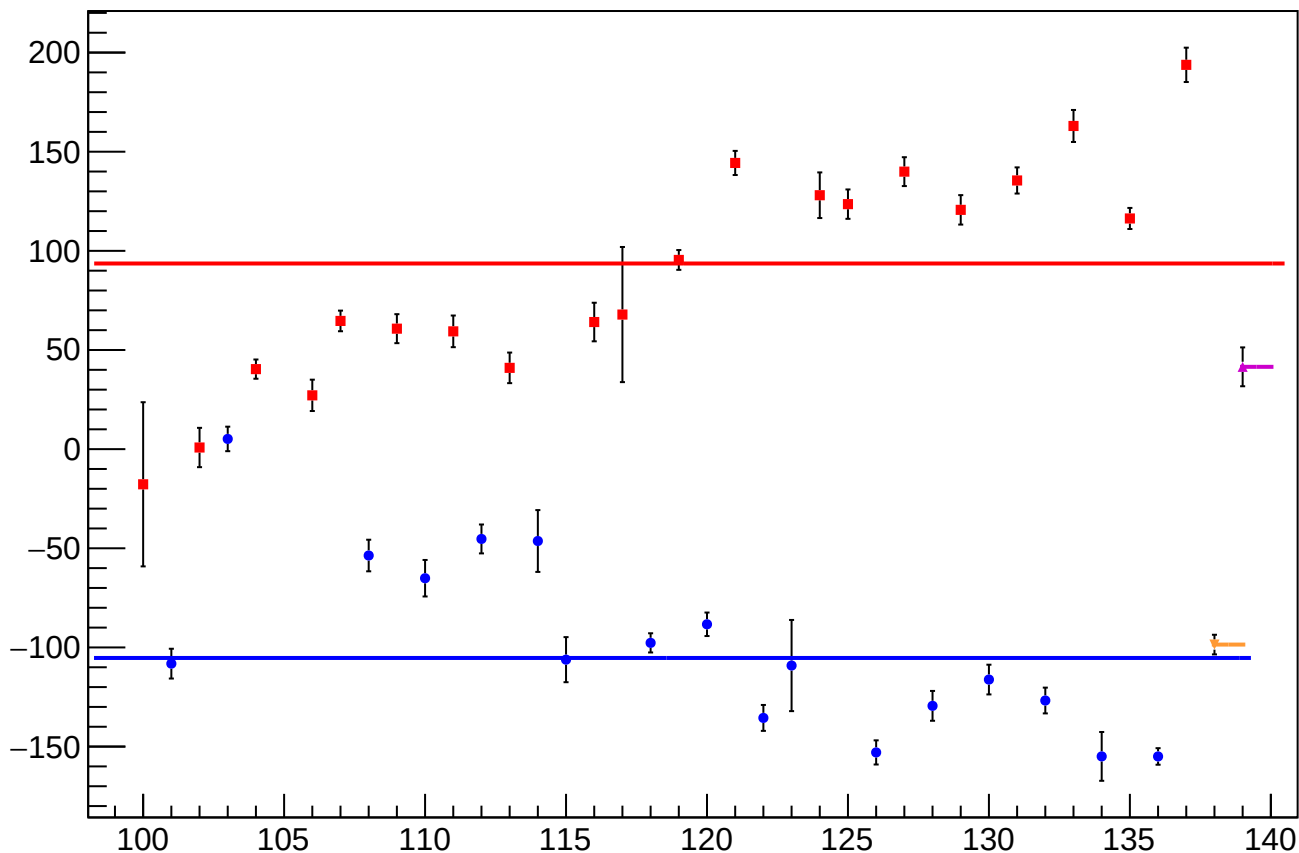
Left In: 312.321 ± 6.418 χ^2/NDF : 0.0/0

-302.019 ± 2.322 χ^2/NDF : 2123.8/17

1.398 ± 1.650 χ^2/NDF : 38897.4/38

310.718 ± 2.345 χ^2/NDF : 2303.2/20

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: 93.622+/-1.610 χ^2/NDF : 827.1/19

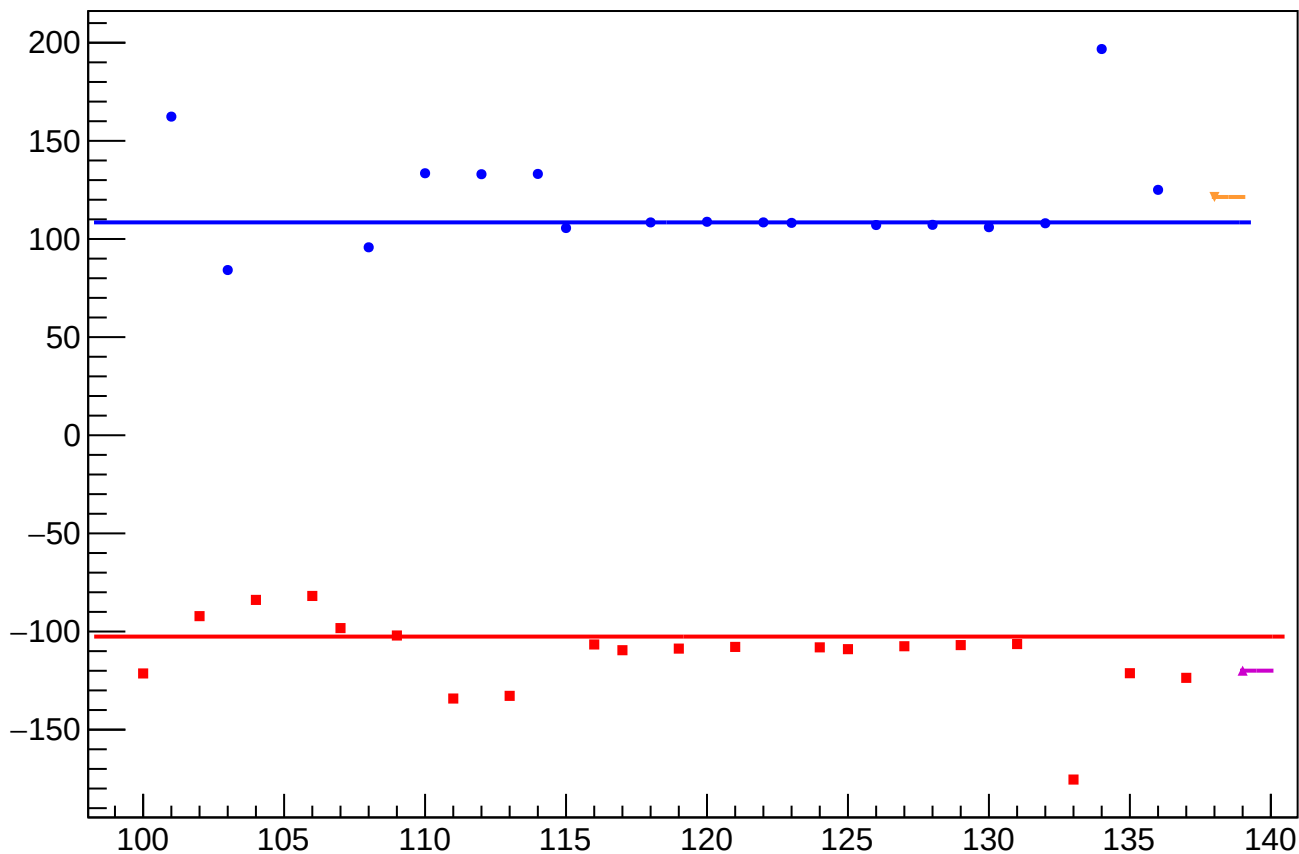
Left In: 41.513+/-9.801 χ^2/NDF : 0.0/0

-104.602+/-1.602 χ^2/NDF : 739.2/17

-5.326+/-1.128 χ^2/NDF : 9206.5/38

92.254+/-1.588 χ^2/NDF : 854.6/20

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461 $\pm$ 0.085 χ^2/NDF : 73302.1/16

Left Out: 121.402 $\pm$ 0.187 χ^2/NDF : 0.0/0

Right Out: -102.580 $\pm$ 0.079 χ^2/NDF : 53154.7/19

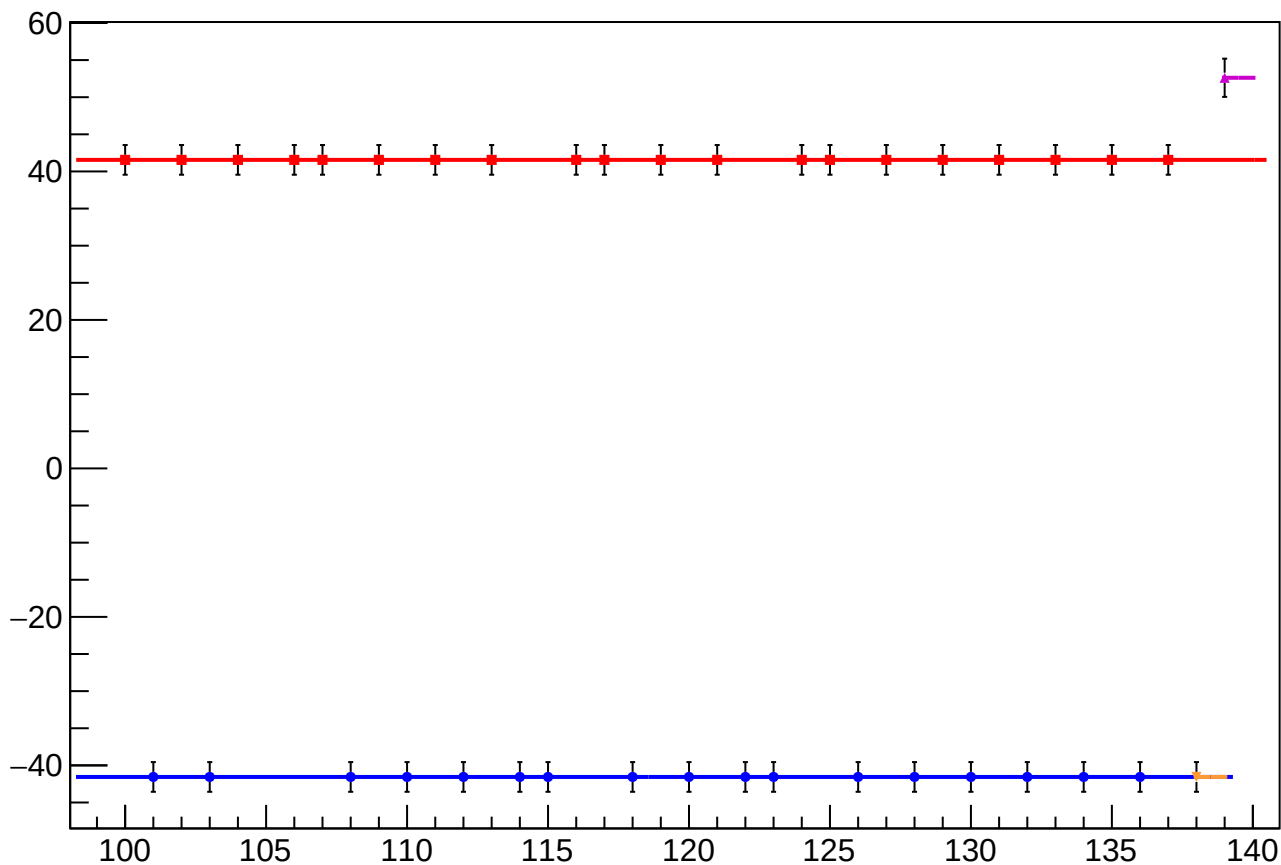
Left In: -119.942 $\pm$ 0.215 χ^2/NDF : 0.0/0

110.658 $\pm$ 0.077 χ^2/NDF : 77263.2/17

-0.849 $\pm$ 0.054 χ^2/NDF : 4165459.5/38

-104.664 $\pm$ 0.074 χ^2/NDF : 58894.8/20

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.558 ± 0.485 χ^2/NDF : 0.0/16

Left Out: -41.558 ± 2.001 χ^2/NDF : 0.0/0

Right Out: 41.558 ± 0.447 χ^2/NDF : 0.0/19

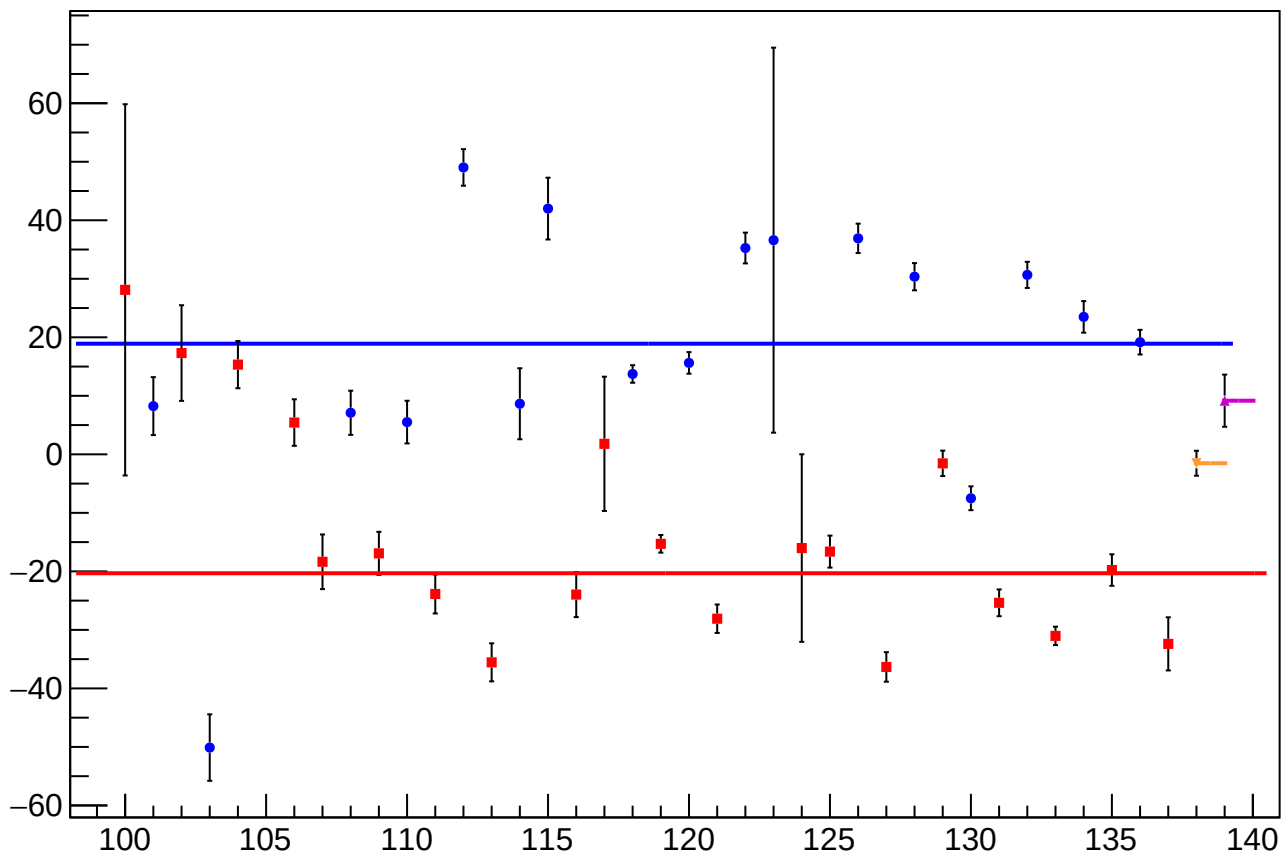
Left In: 52.616 ± 2.573 χ^2/NDF : 0.0/0

-41.558 ± 0.472 χ^2/NDF : 0.0/17

2.977 ± 0.322 χ^2/NDF : 16727.3/38

41.882 ± 0.441 χ^2/NDF : 17.9/20

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906+/-0.644 χ^2 /NDF: 618.9/16

Left Out: -1.521+/-2.130 χ^2 /NDF: 0.0/0

Right Out: -20.320+/-0.643 χ^2 /NDF: 369.0/19

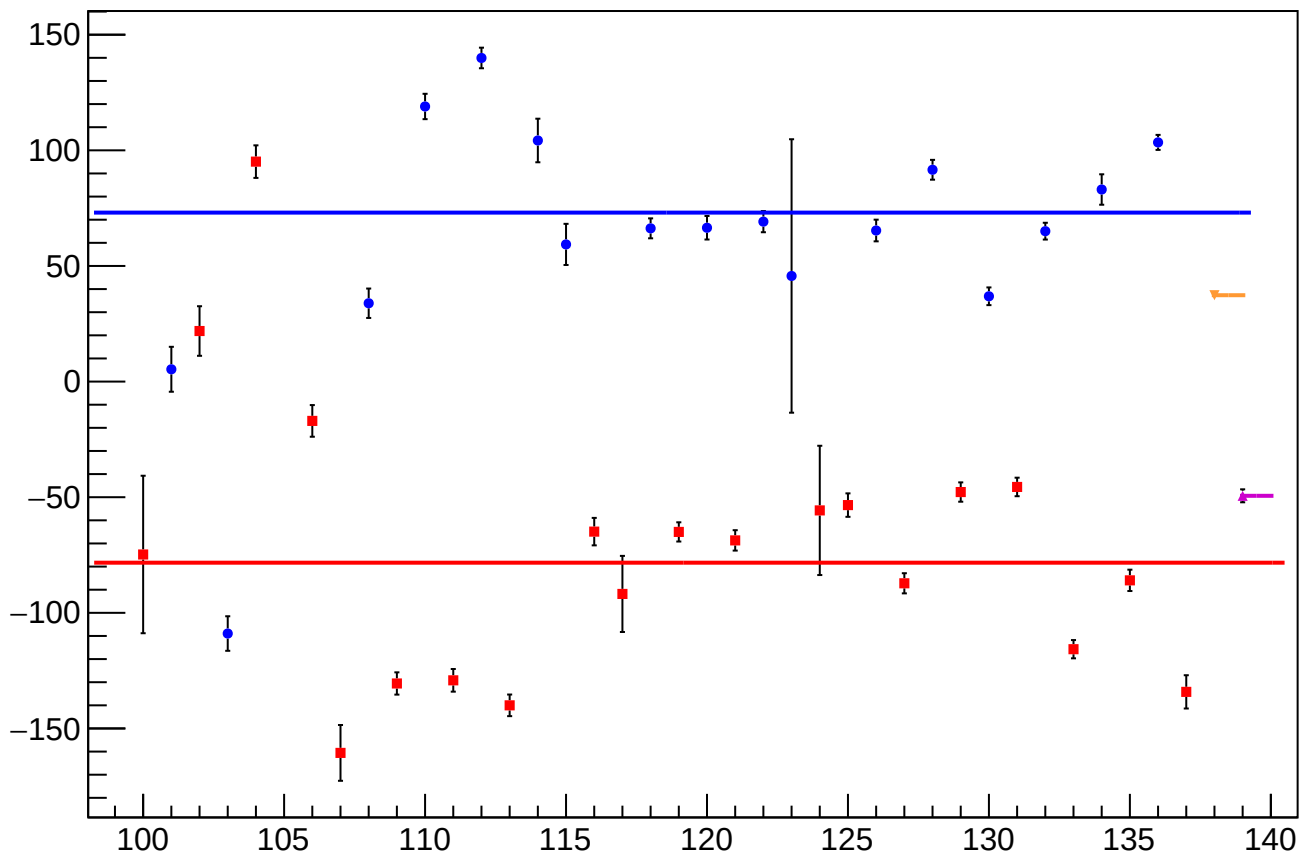
Left In: 9.167+/-4.461 χ^2 /NDF: 0.0/0

17.197+/-0.616 χ^2 /NDF: 703.2/17

-0.668+/-0.443 χ^2 /NDF: 2852.9/38

-19.720+/-0.636 χ^2 /NDF: 411.8/20

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071 ± 1.228 $\chi^2/\text{NDF}: 1200.0/16$

Left Out: 37.350 ± 2.170 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -78.316 ± 1.219 $\chi^2/\text{NDF}: 1543.3/19$

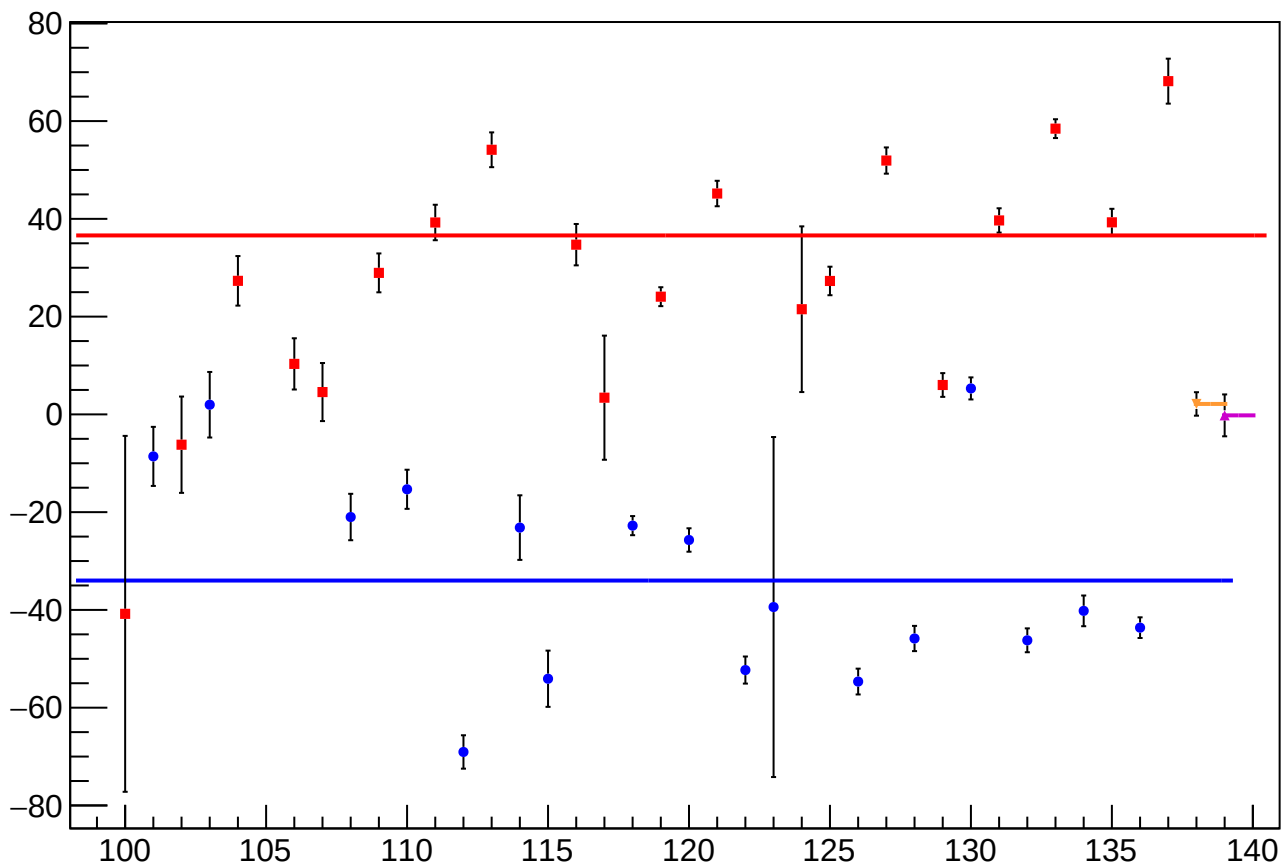
Left In: -49.395 ± 2.806 $\chi^2/\text{NDF}: 0.0/0$

64.409 ± 1.069 $\chi^2/\text{NDF}: 1405.2/17$

-1.528 ± 0.773 $\chi^2/\text{NDF}: 11013.4/38$

-73.722 ± 1.118 $\chi^2/\text{NDF}: 1632.7/20$

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: 36.607 ± 0.736 χ^2/NDF : 549.8/19

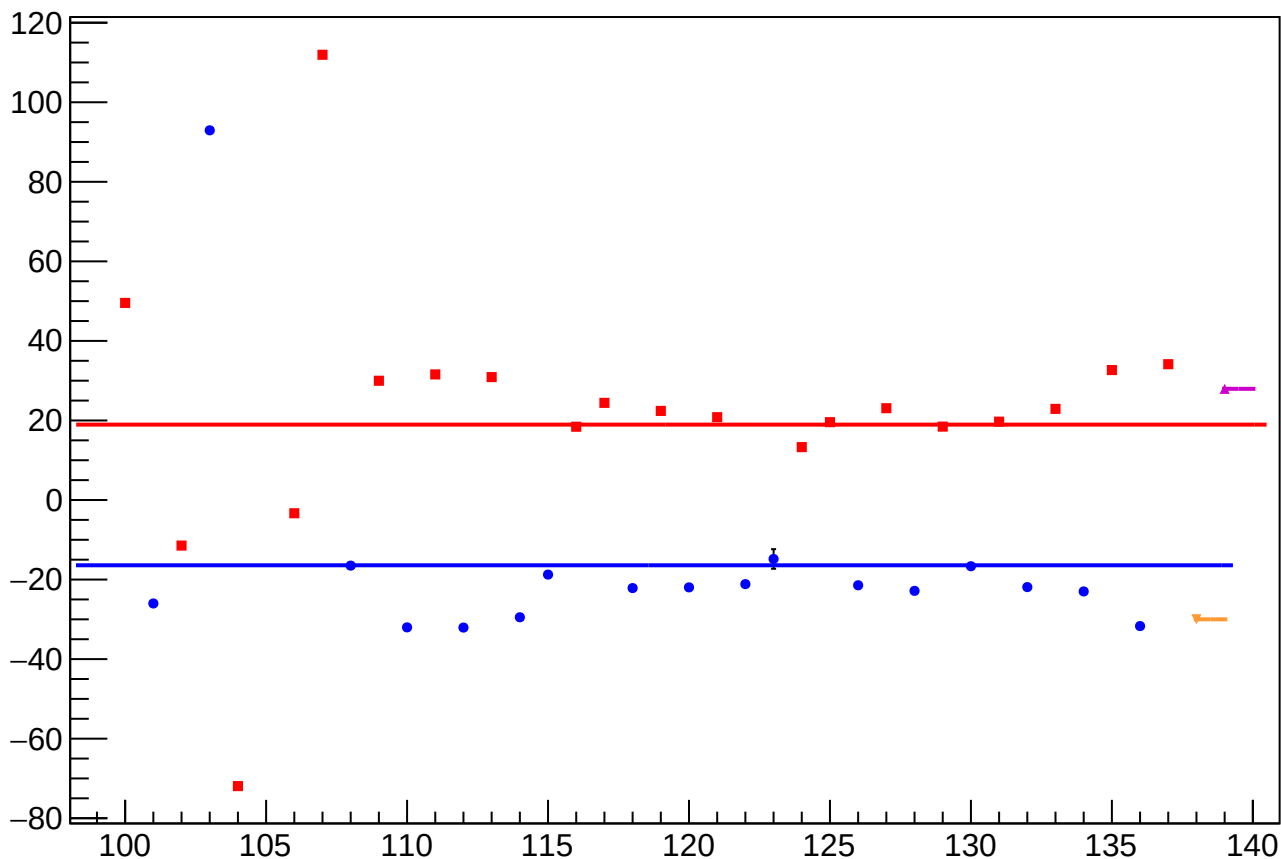
Left In: -0.201 ± 4.284 χ^2/NDF : 0.0/0

-30.886 ± 0.704 χ^2/NDF : 926.7/17

1.356 ± 0.505 χ^2/NDF : 5871.4/38

35.554 ± 0.725 χ^2/NDF : 621.5/20

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: 18.954 ± 0.045 $\chi^2/\text{NDF}: 434204.7/19$

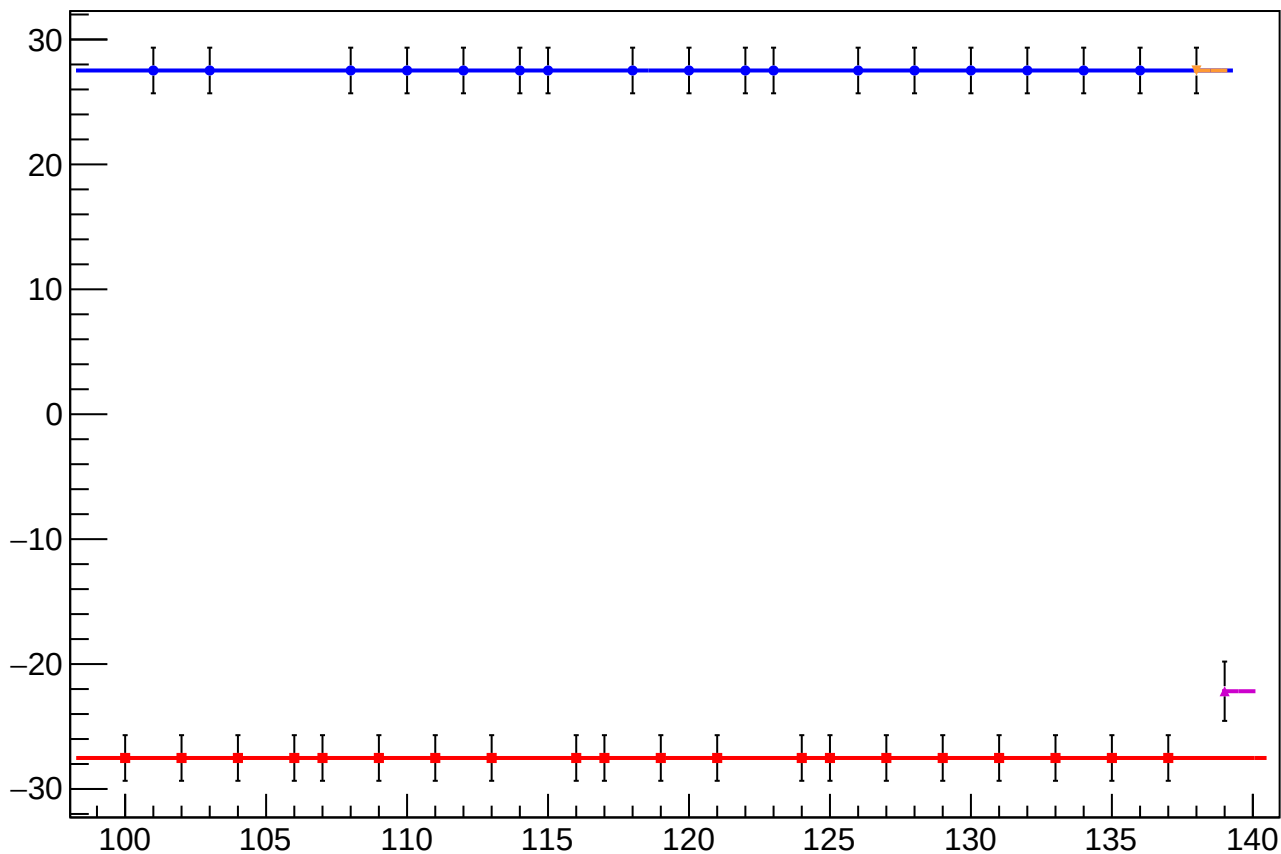
Left In: 27.953 ± 0.094 $\chi^2/\text{NDF}: 0.0/0$

-19.352 ± 0.039 $\chi^2/\text{NDF}: 494638.0/17$

-0.049 ± 0.028 $\chi^2/\text{NDF}: 1435854.0/38$

20.642 ± 0.041 $\chi^2/\text{NDF}: 441657.1/20$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 27.518+/-0.443 χ^2/NDF : 0.0/16

Left Out: 27.518+/-1.827 χ^2/NDF : 0.0/0

Right Out: -27.518+/-0.408 χ^2/NDF : 0.0/19

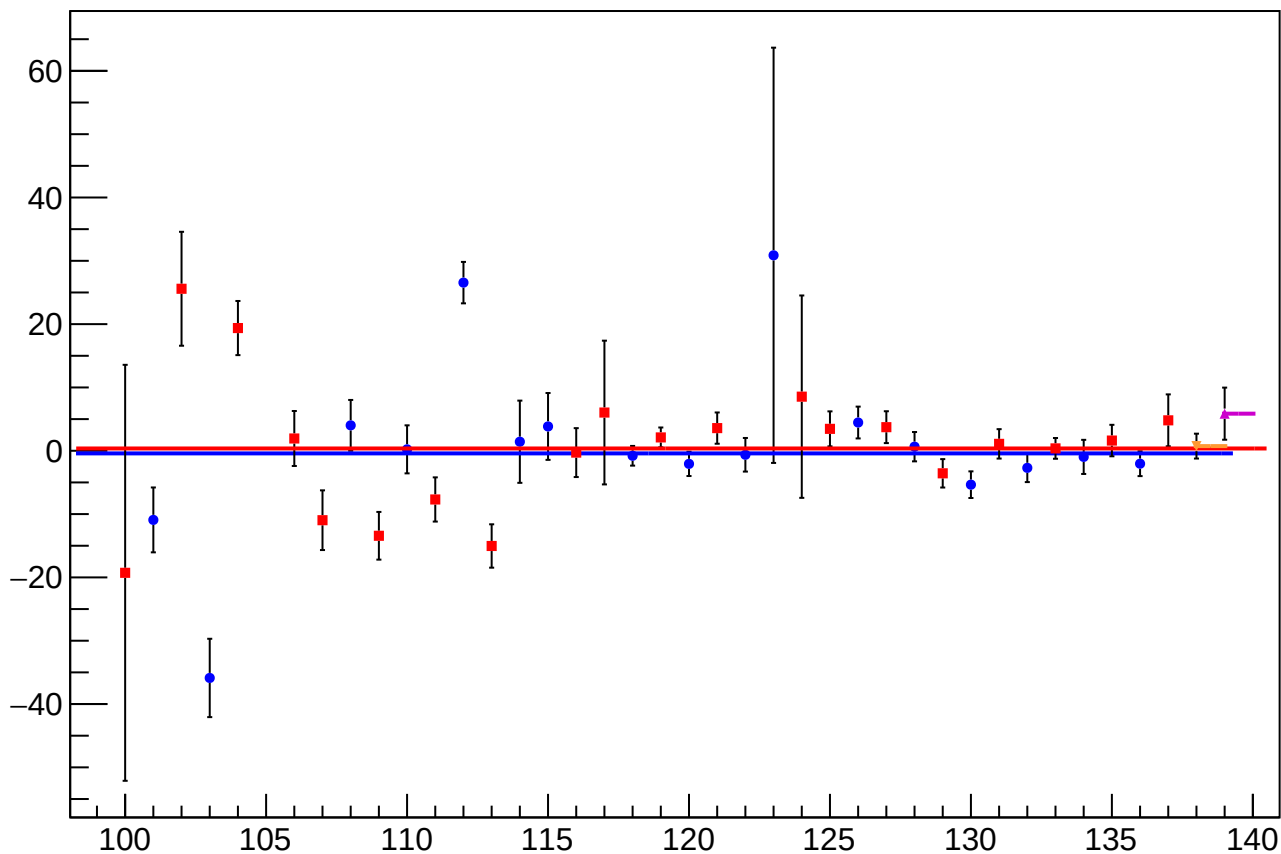
Left In: -22.175+/-2.374 χ^2/NDF : 0.0/0

27.518+/-0.431 χ^2/NDF : 0.0/17

-1.766+/-0.294 χ^2/NDF : 8676.2/38

-27.365+/-0.403 χ^2/NDF : 4.9/20

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: 0.361 ± 0.656 χ^2/NDF : 84.0/19

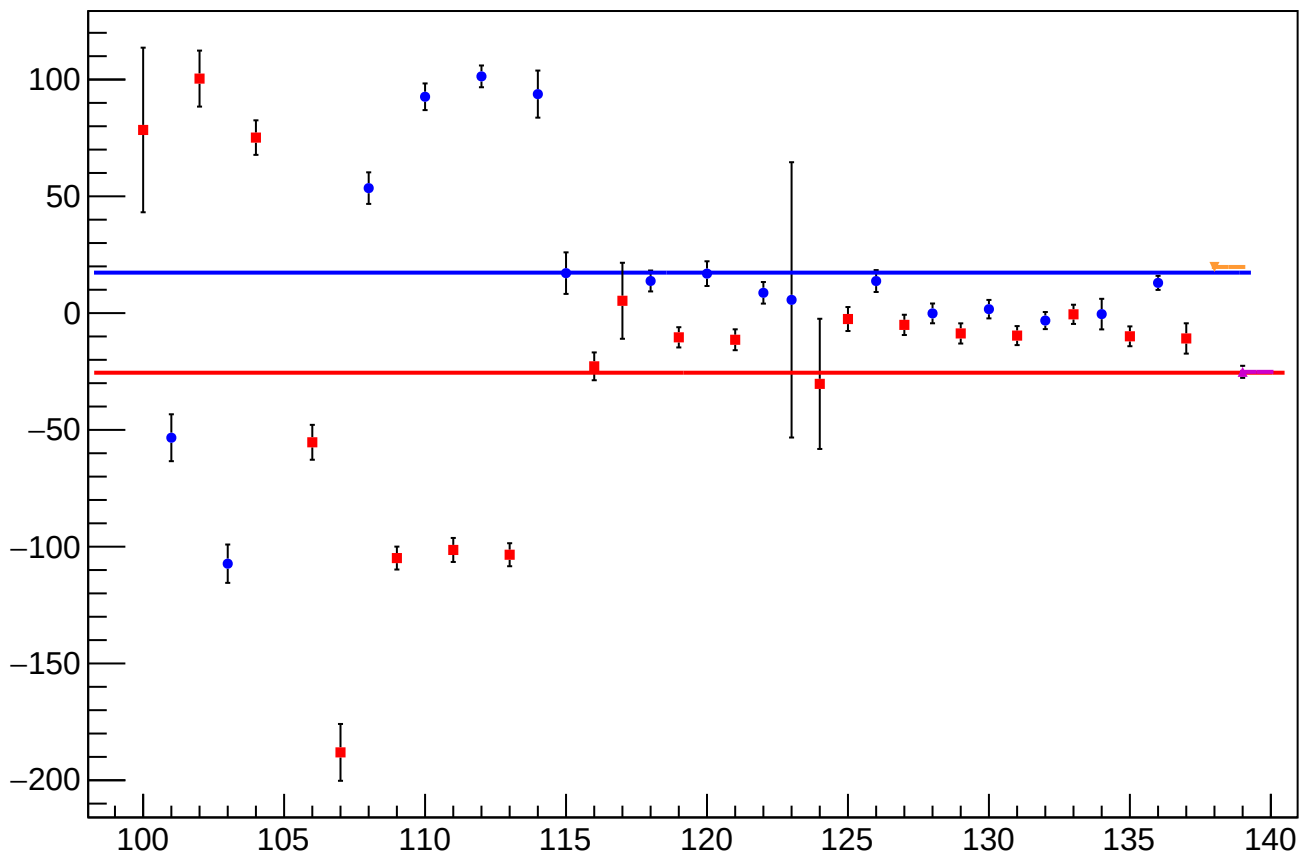
Left In: 5.859 ± 4.115 χ^2/NDF : 0.0/0

-0.299 ± 0.620 χ^2/NDF : 120.2/17

0.081 ± 0.448 χ^2/NDF : 206.7/38

0.498 ± 0.648 χ^2/NDF : 85.7/20

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: -25.521 $\pm$ 1.239 χ^2 /NDF: 1382.7/19

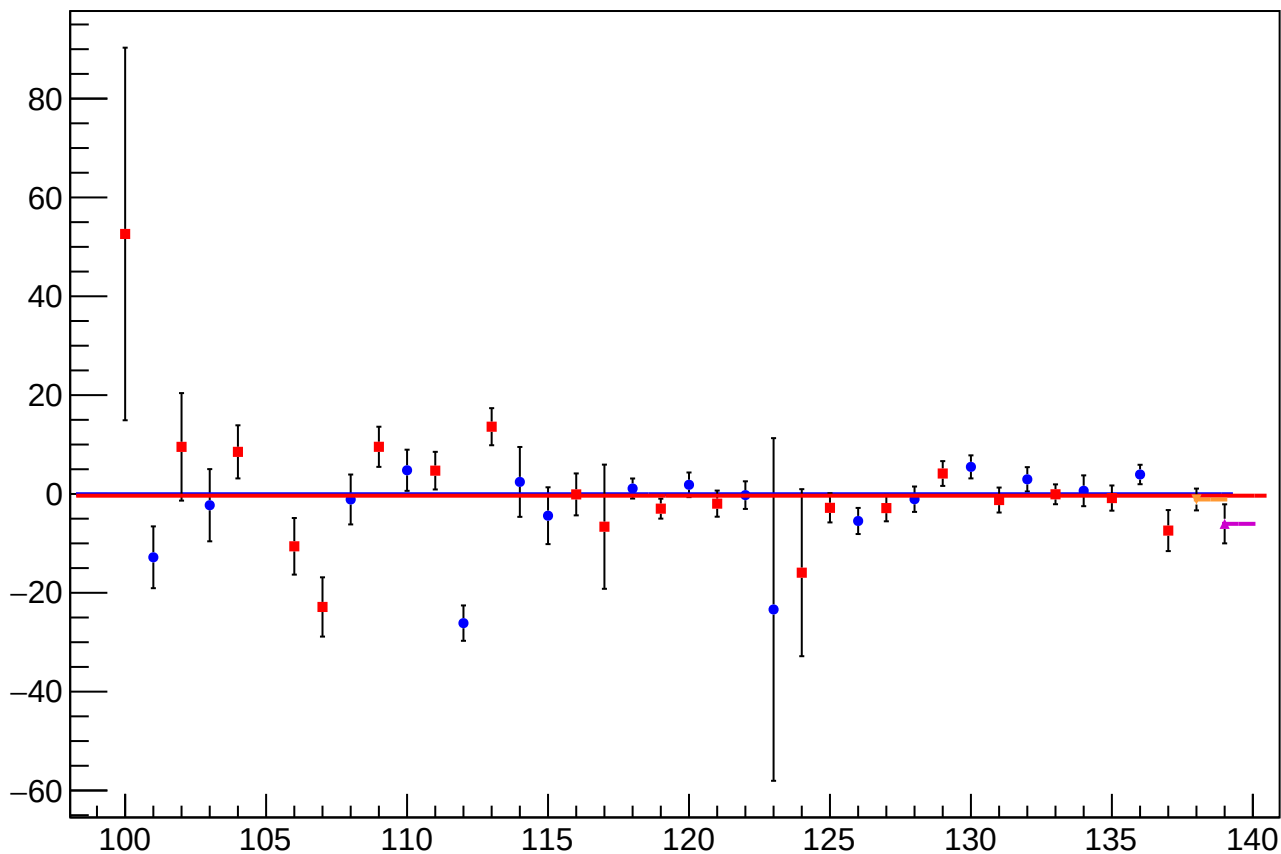
Left In: -25.141 $\pm$ 2.588 χ^2 /NDF: 0.0/0

18.010 $\pm$ 1.050 χ^2 /NDF: 944.2/17

-2.372 $\pm$ 0.765 χ^2 /NDF: 3129.9/38

-25.450 $\pm$ 1.118 χ^2 /NDF: 1382.7/20

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: -0.348 ± 0.748 χ^2/NDF : 55.4/19

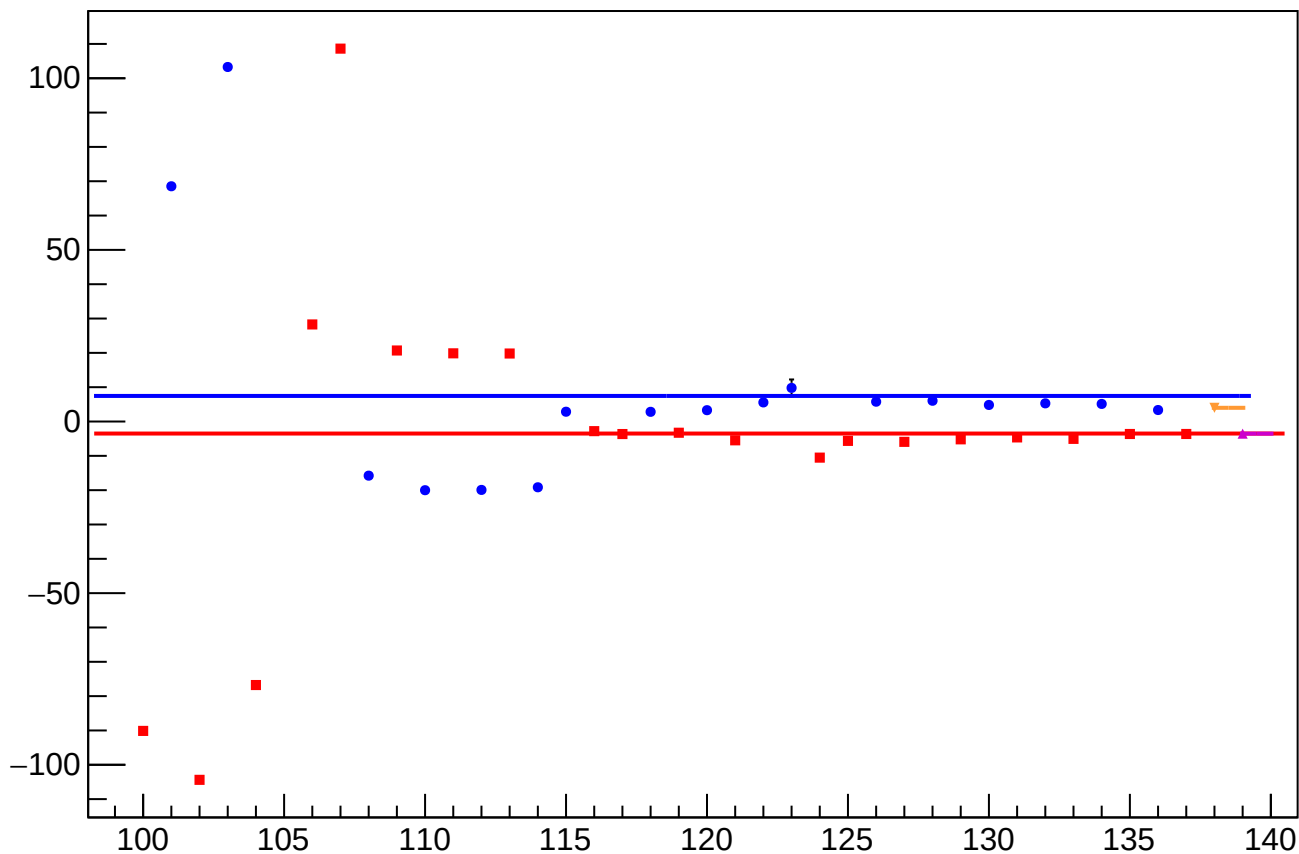
Left In: -6.045 ± 3.952 χ^2/NDF : 0.0/0

-0.167 ± 0.705 χ^2/NDF : 76.7/17

-0.349 ± 0.509 χ^2/NDF : 134.3/38

-0.545 ± 0.735 χ^2/NDF : 57.4/20

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: -3.503 ± 0.045 χ^2/NDF : 510579.7/19

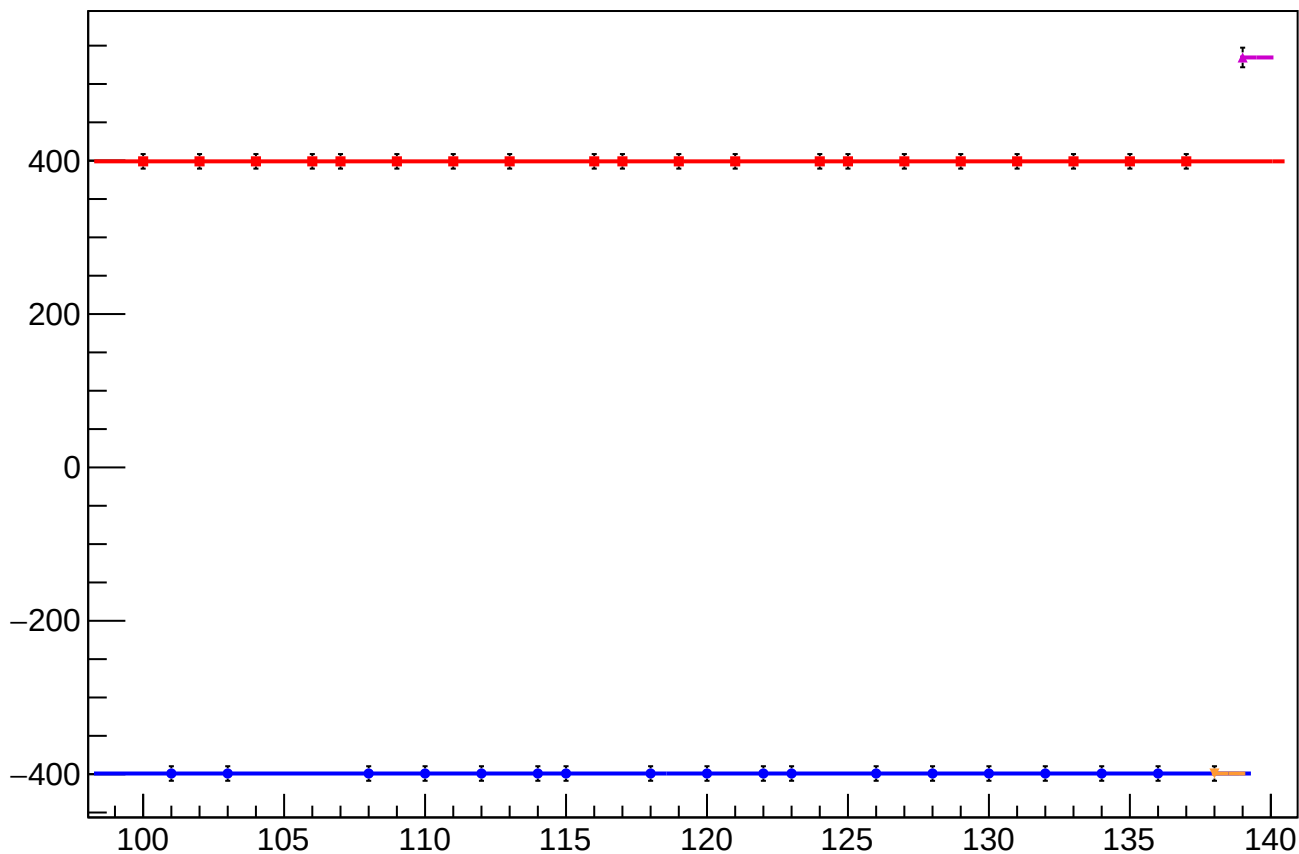
Left In: -3.535 ± 0.087 χ^2/NDF : 0.0/0

6.589 ± 0.038 χ^2/NDF : 357570.7/17

1.769 ± 0.028 χ^2/NDF : 901036.4/38

-3.510 ± 0.040 χ^2/NDF : 510579.8/20

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -399.124+/-2.307 χ^2 /NDF: 0.0/16

Left Out: -399.124+/-9.512 χ^2 /NDF: 0.0/0

Right Out: 399.124+/-2.127 χ^2 /NDF: 0.0/19

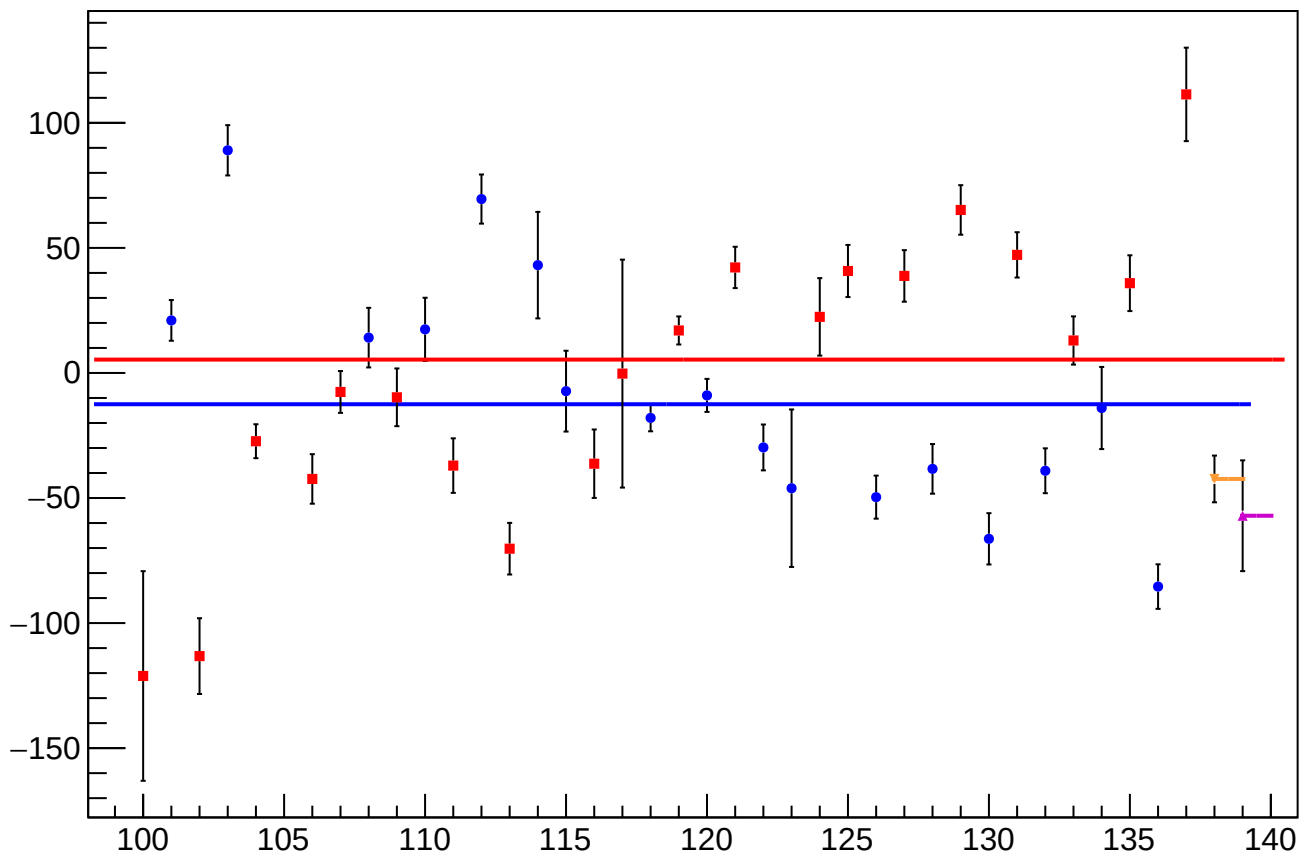
Left In: 534.587+/-12.771 χ^2 /NDF: 0.0/0

-399.124+/-2.242 χ^2 /NDF: 0.0/17

28.396+/-1.532 χ^2 /NDF: 68317.4/38

402.780+/-2.098 χ^2 /NDF: 109.5/20

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: 5.349 ± 2.261 χ^2/NDF : 344.6/19

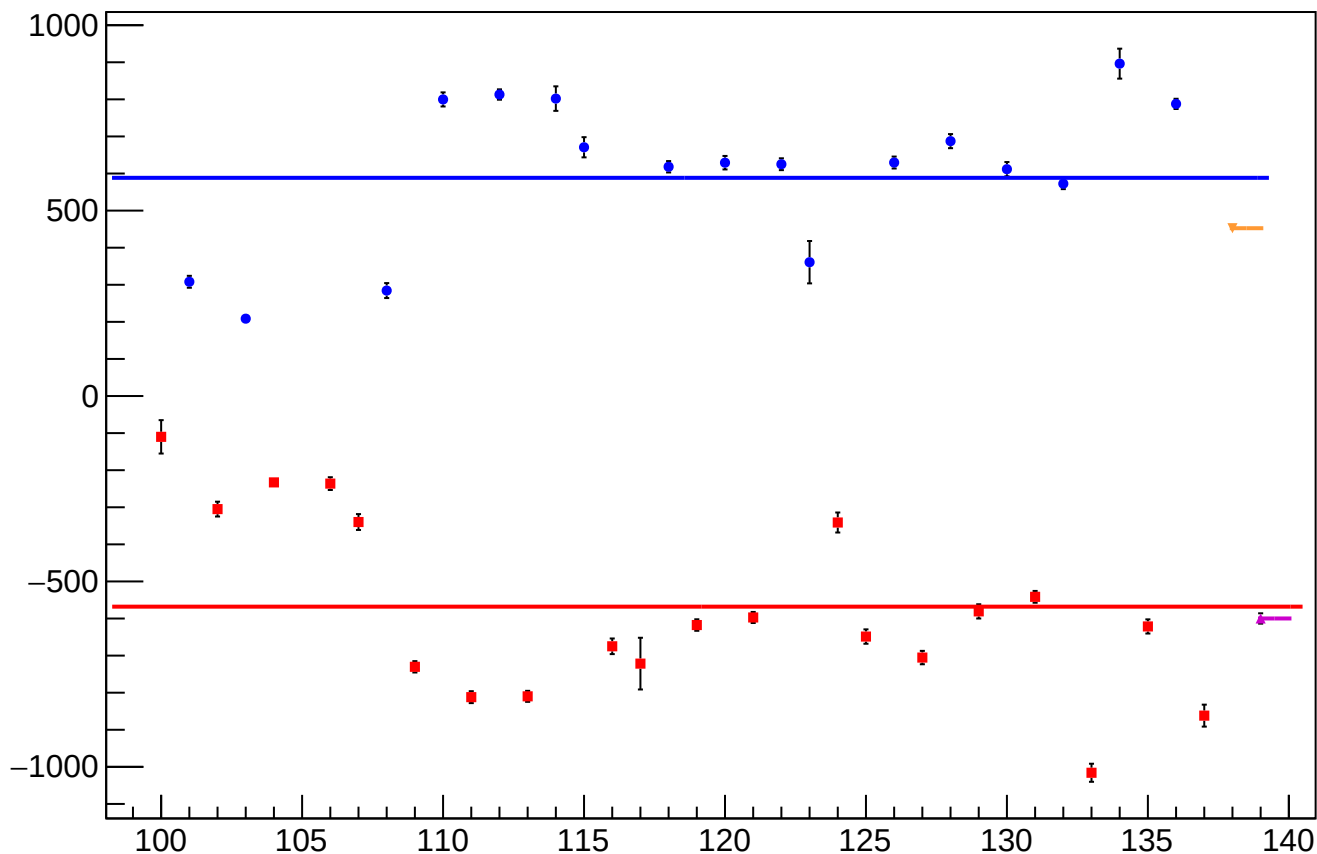
Left In: -57.085 ± 22.144 χ^2/NDF : 0.0/0

-14.223 ± 2.243 χ^2/NDF : 350.7/17

-4.786 ± 1.589 χ^2/NDF : 738.6/38

4.704 ± 2.250 χ^2/NDF : 352.5/20

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: -567.992+/-4.130 χ^2/NDF : 2789.7/19

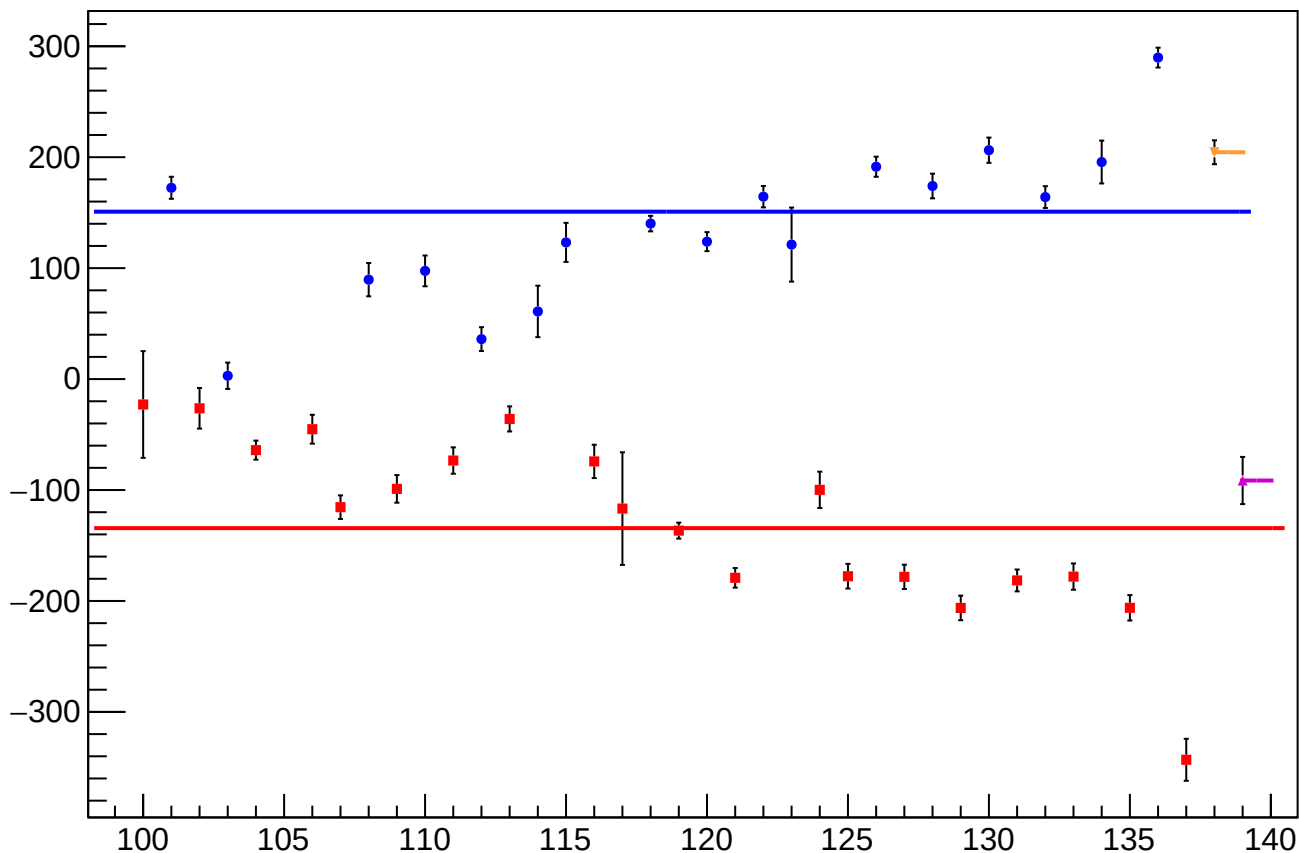
Left In: -599.858+/-13.925 χ^2/NDF : 0.0/0

568.123+/-3.985 χ^2/NDF : 2278.0/17

-4.885+/-2.809 χ^2/NDF : 46165.9/38

-570.568+/-3.959 χ^2/NDF : 2794.5/20

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: -134.334 $\pm$ 2.616 χ^2 /NDF: 585.0/19

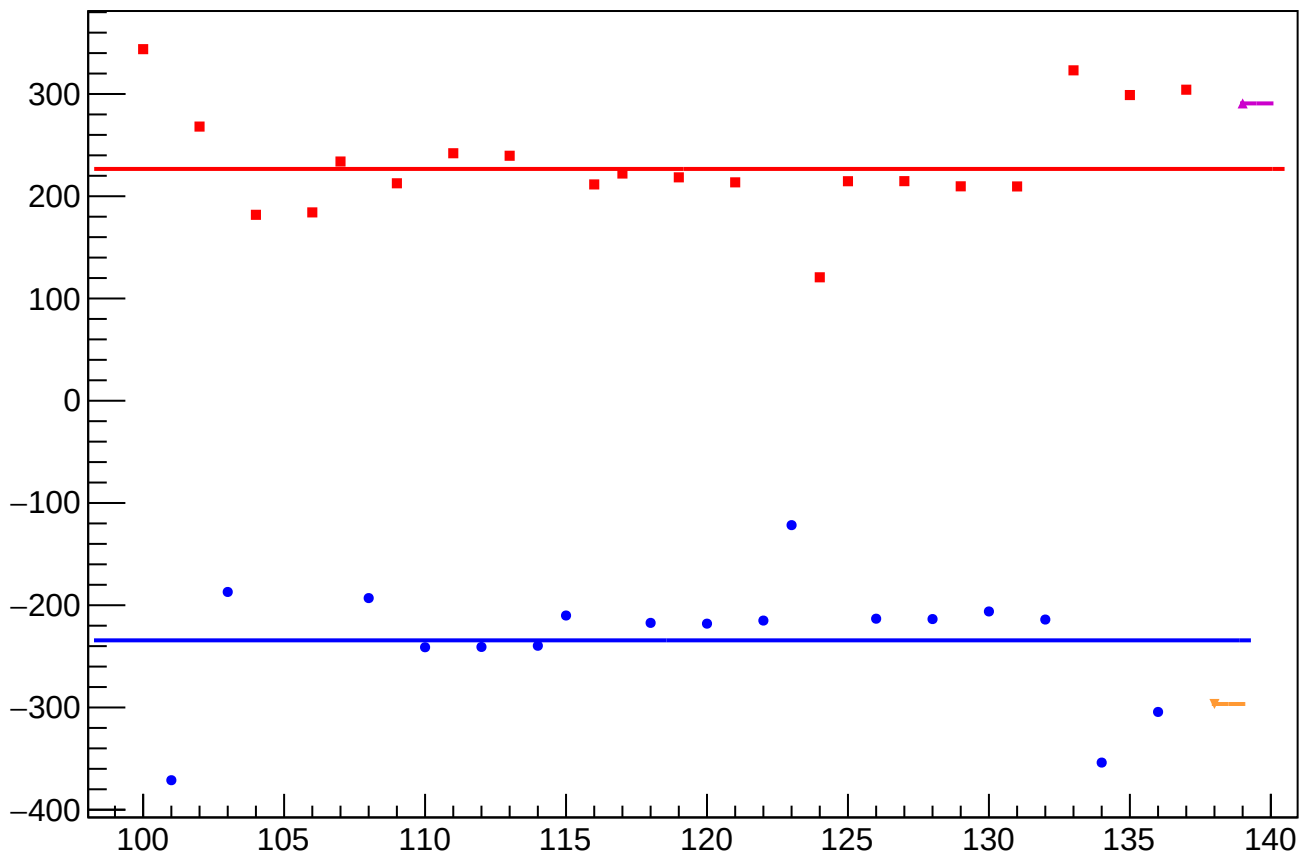
Left In: -91.428 $\pm$ 21.267 χ^2 /NDF: 0.0/0

154.002 $\pm$ 2.595 χ^2 /NDF: 658.1/17

10.244 $\pm$ 1.836 χ^2 /NDF: 7388.8/38

-133.694 $\pm$ 2.597 χ^2 /NDF: 589.0/20

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: 226.707±/0.141 χ^2/NDF : 99442.4/19

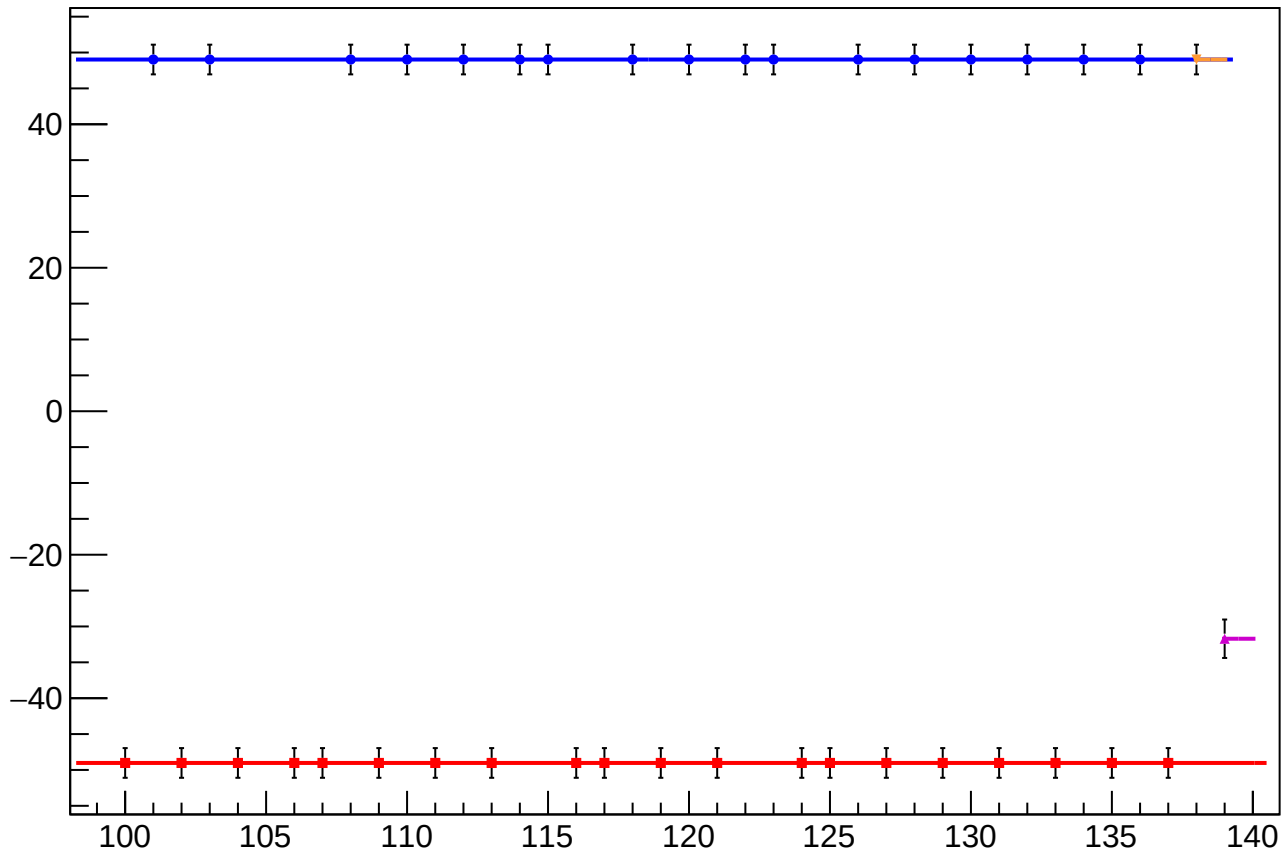
Left In: 290.793±/0.466 χ^2/NDF : 0.0/0

-241.530±/0.139 χ^2/NDF : 165508.7/17

2.773±/0.097 χ^2/NDF : 6229719.9/38

232.086±/0.135 χ^2/NDF : 116736.9/20

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 49.025+/-0.502 χ^2/NDF : 0.0/16

Left Out: 49.025+/-2.070 χ^2/NDF : 0.0/0

Right Out: -49.025+/-0.463 χ^2/NDF : 0.0/19

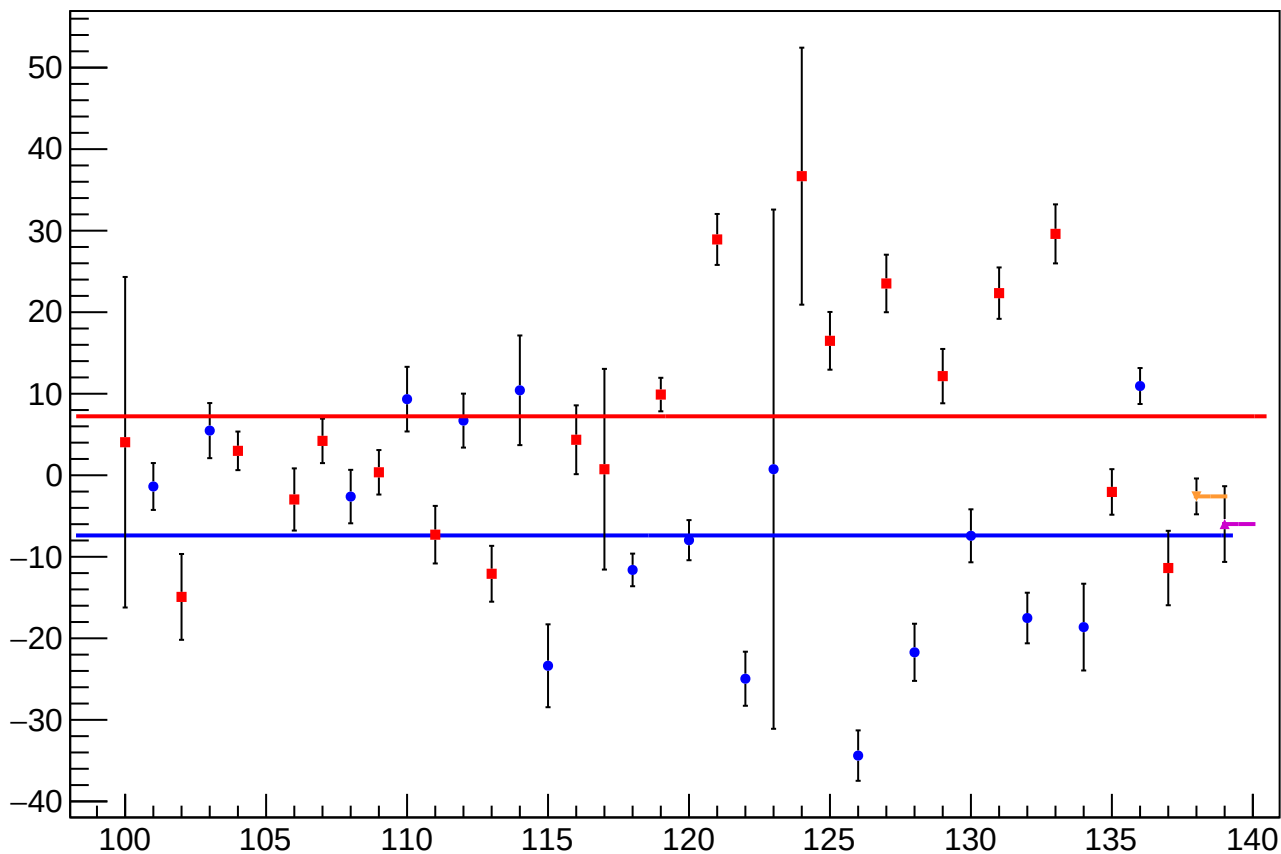
Left In: -31.712+/-2.679 χ^2/NDF : 0.0/0

49.025+/-0.488 χ^2/NDF : 0.0/17

-3.031+/-0.333 χ^2/NDF : 21369.6/38

-48.523+/-0.456 χ^2/NDF : 40.6/20

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: 7.231 ± 0.761 χ^2/NDF : 257.6/19

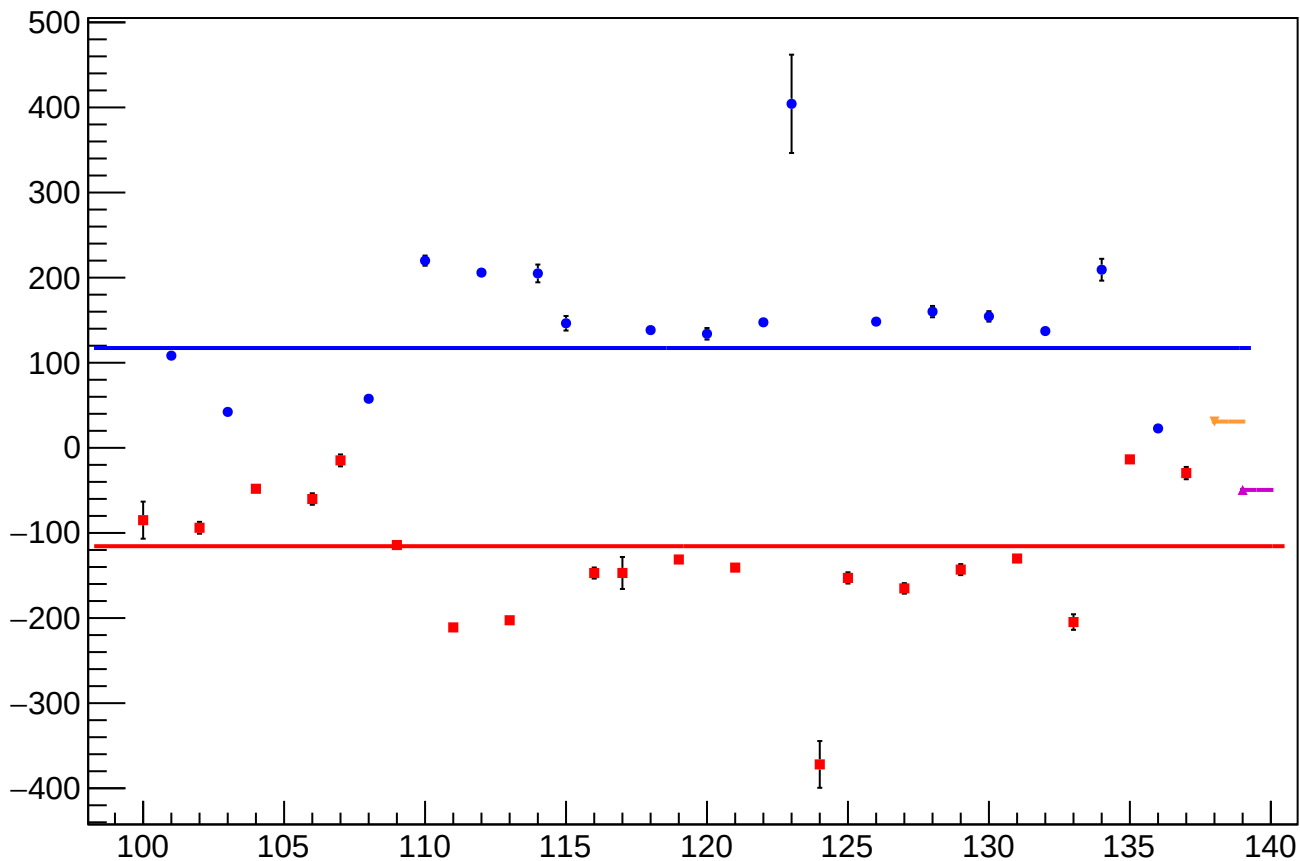
Left In: -5.985 ± 4.644 χ^2/NDF : 0.0/0

-6.847 ± 0.734 χ^2/NDF : 287.8/17

-0.134 ± 0.525 χ^2/NDF : 724.4/38

6.886 ± 0.751 χ^2/NDF : 265.5/20

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: -115.570 $\pm$ 1.357 χ^2/NDF : 2153.3/19

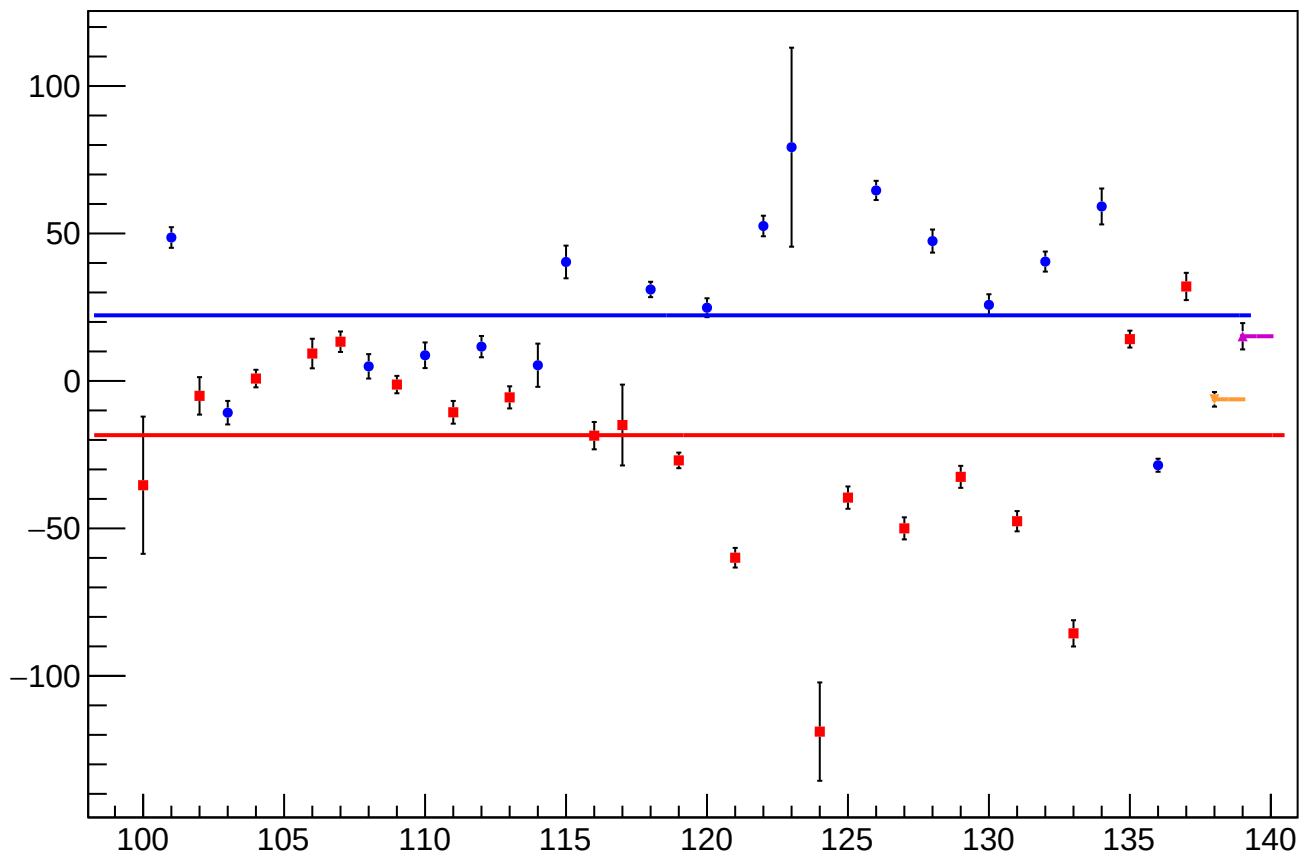
Left In: -49.439 $\pm$ 2.921 χ^2/NDF : 0.0/0

92.900 $\pm$ 1.193 χ^2/NDF : 3223.9/17

-2.420 $\pm$ 0.857 χ^2/NDF : 18970.1/38

-103.830 $\pm$ 1.231 χ^2/NDF : 2574.9/20

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: -18.381 $\pm$ 0.870 χ^2/NDF : 1077.2/19

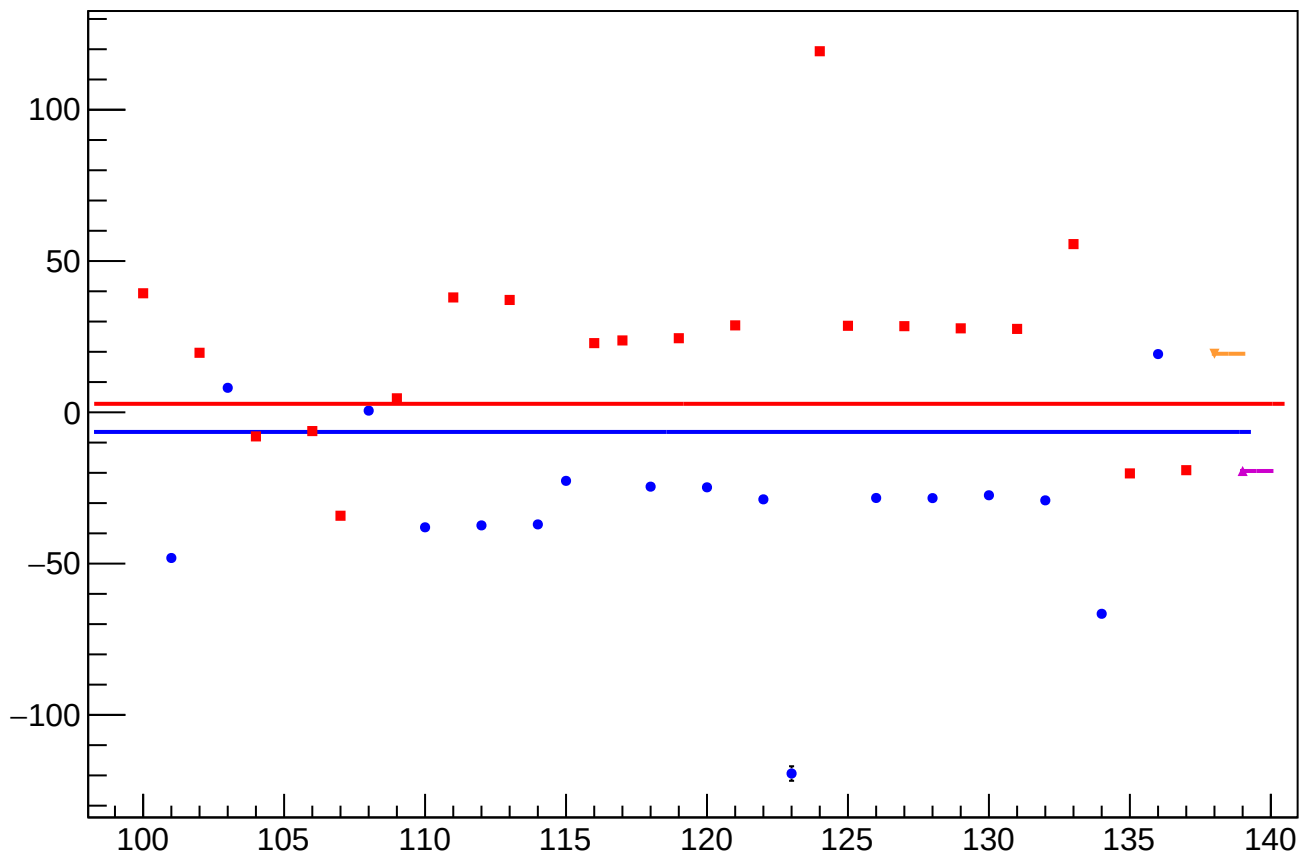
Left In: 15.153 $\pm$ 4.460 χ^2/NDF : 0.0/0

19.004 $\pm$ 0.837 χ^2/NDF : 1188.4/17

1.290 $\pm$ 0.598 χ^2/NDF : 3234.3/38

-17.151 $\pm$ 0.854 χ^2/NDF : 1131.6/20

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: 2.811+/-0.046 χ^2/NDF : 266885.9/19

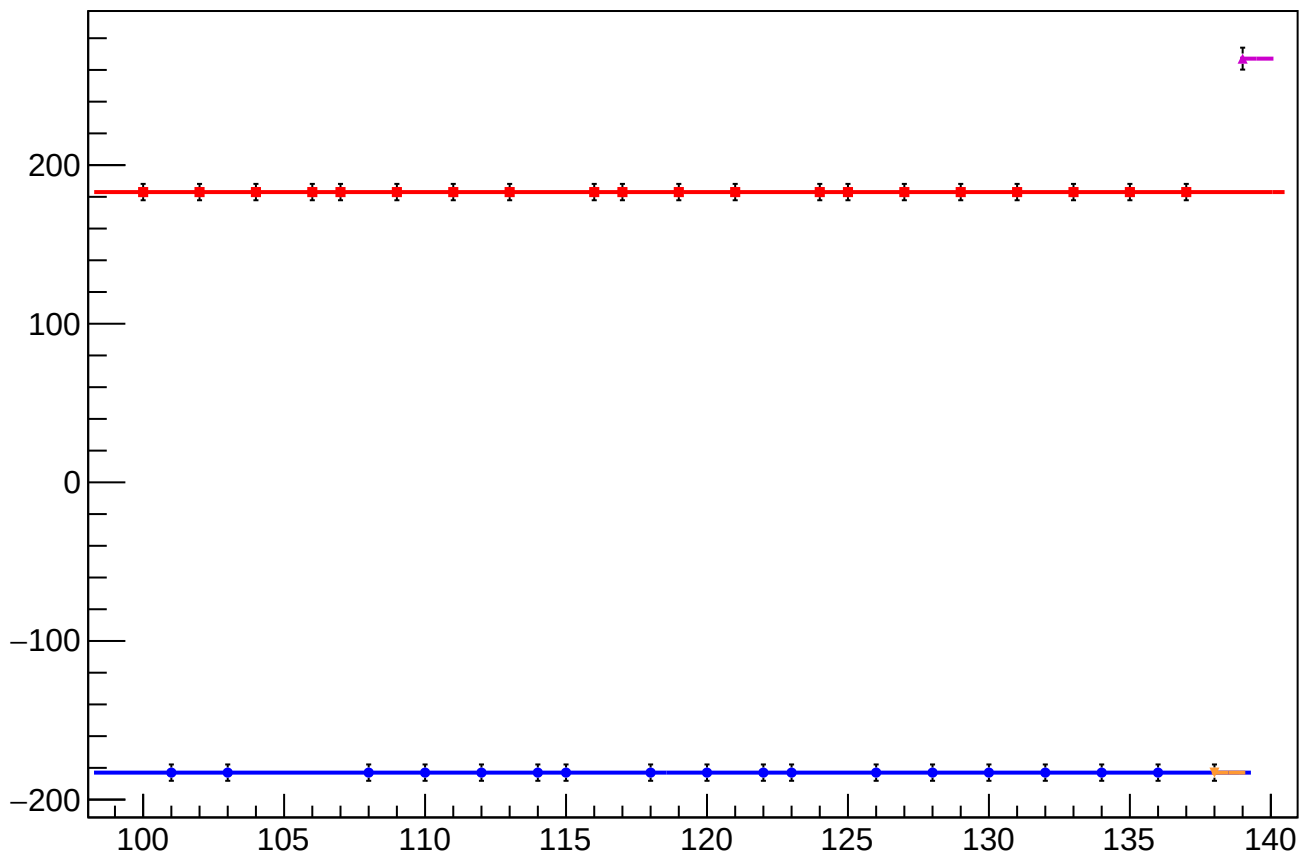
Left In: -19.387+/-0.098 χ^2/NDF : 0.0/0

-0.855+/-0.041 χ^2/NDF : 334033.2/17

-1.006+/-0.029 χ^2/NDF : 643315.6/38

-1.161+/-0.041 χ^2/NDF : 309254.5/20

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -182.999 $\pm$ 1.250 χ^2 /NDF: 0.0/16

Left Out: -182.999 $\pm$ 5.153 χ^2 /NDF: 0.0/0

Right Out: 182.999 $\pm$ 1.152 χ^2 /NDF: 0.0/19

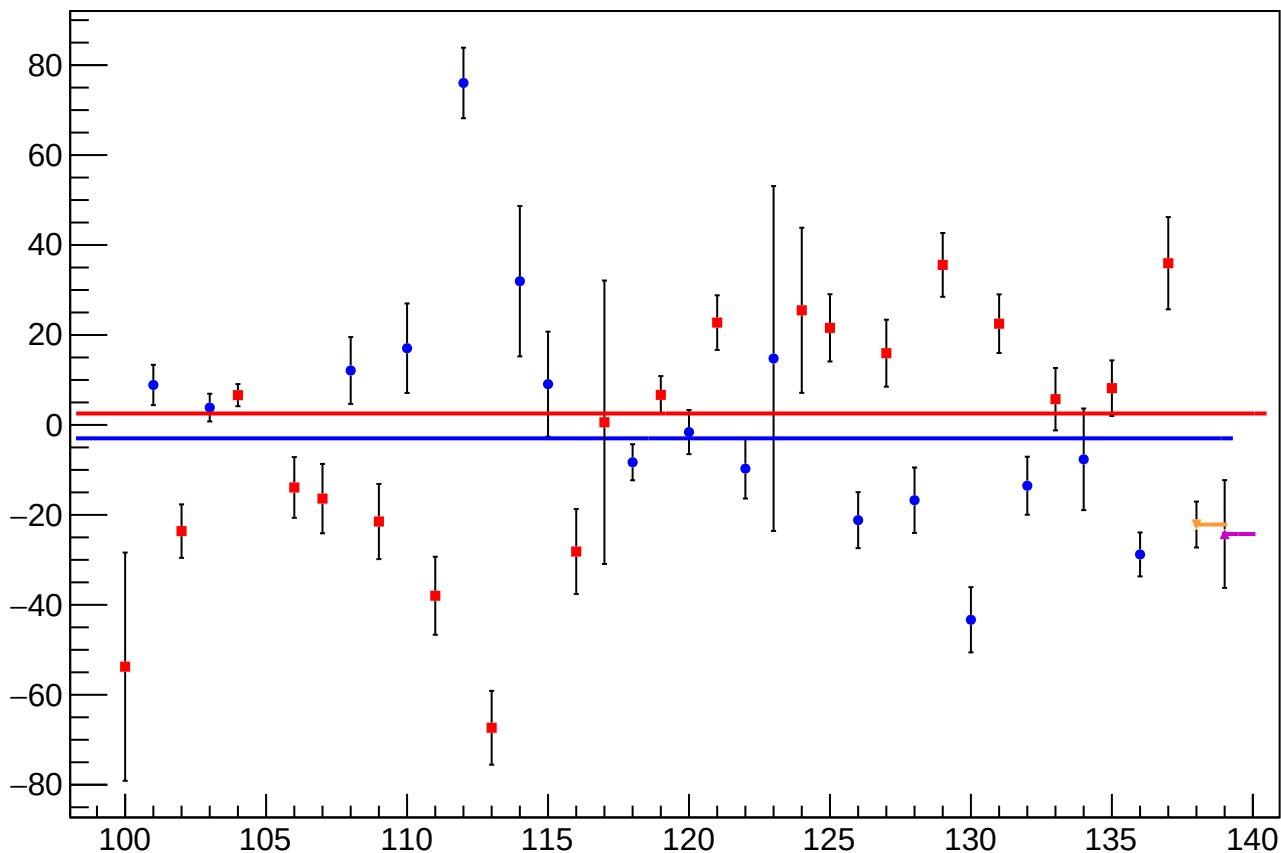
Left In: 267.126 $\pm$ 6.911 χ^2 /NDF: 0.0/0

-182.999 $\pm$ 1.215 χ^2 /NDF: 0.0/17

13.345 $\pm$ 0.830 χ^2 /NDF: 49158.1/38

185.274 $\pm$ 1.137 χ^2 /NDF: 144.2/20

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: 2.544+/-1.397 χ^2/NDF : 218.1/19

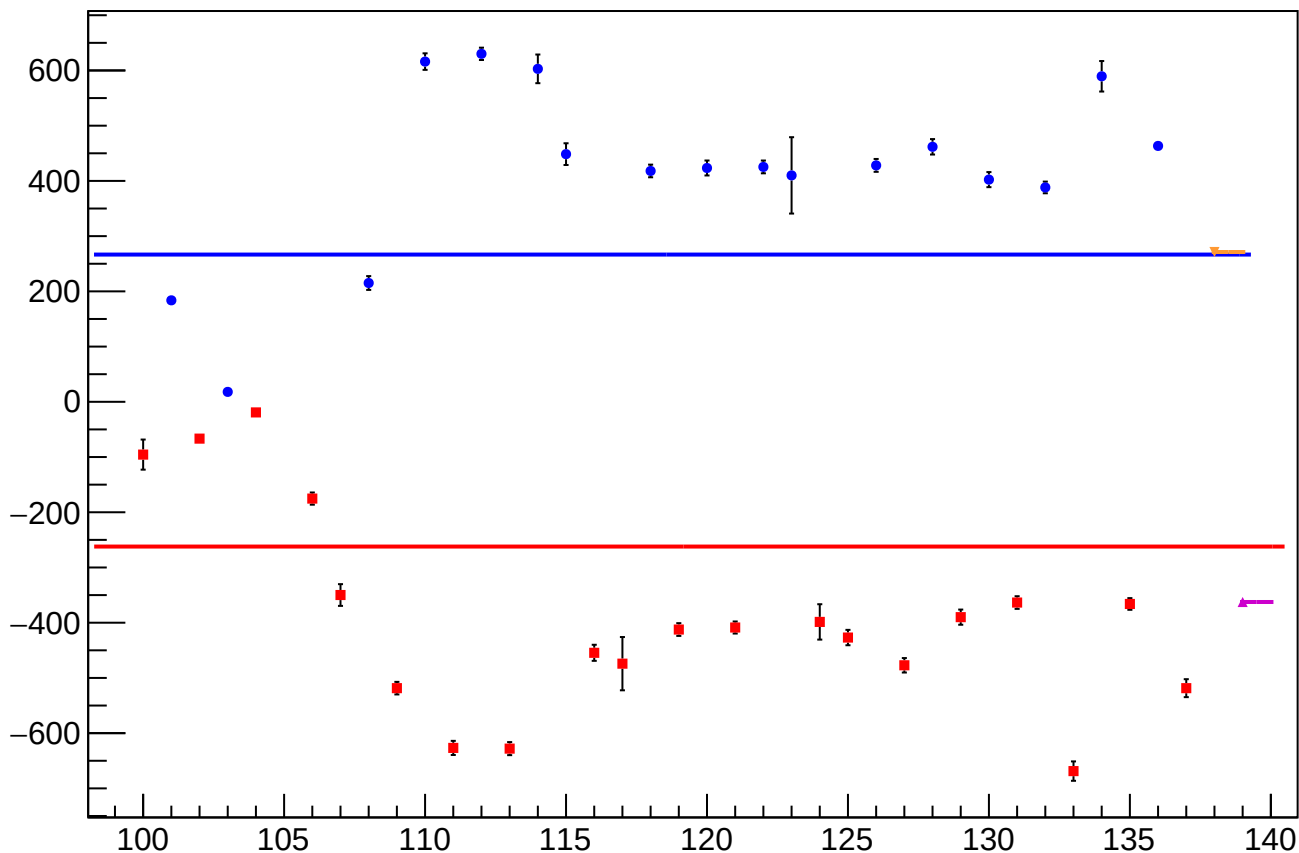
Left In: -24.254+/-11.983 χ^2/NDF : 0.0/0

-4.414+/-1.395 χ^2/NDF : 217.0/17

-1.097+/-0.984 χ^2/NDF : 451.2/38

2.185+/-1.388 χ^2/NDF : 223.0/20

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: -262.101 $\pm$ 2.455 χ^2 /NDF: 8227.6/19

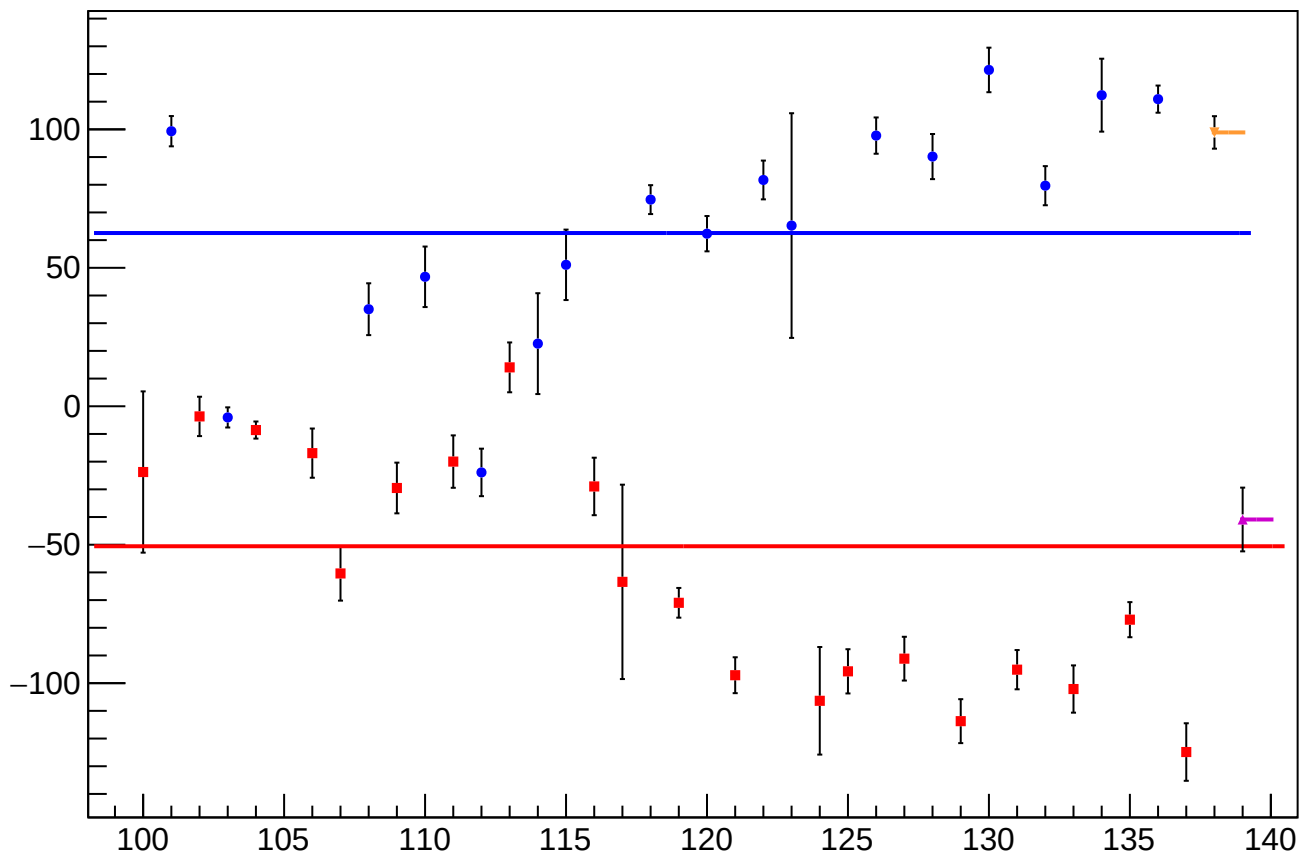
Left In: -362.497 $\pm$ 7.535 χ^2 /NDF: 0.0/0

267.388 $\pm$ 2.264 χ^2 /NDF: 7663.3/17

5.956 $\pm$ 1.625 χ^2 /NDF: 43536.8/38

-271.733 $\pm$ 2.334 χ^2 /NDF: 8388.1/20

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: -50.554 $\pm$ 1.642 χ^2 /NDF: 657.1/19

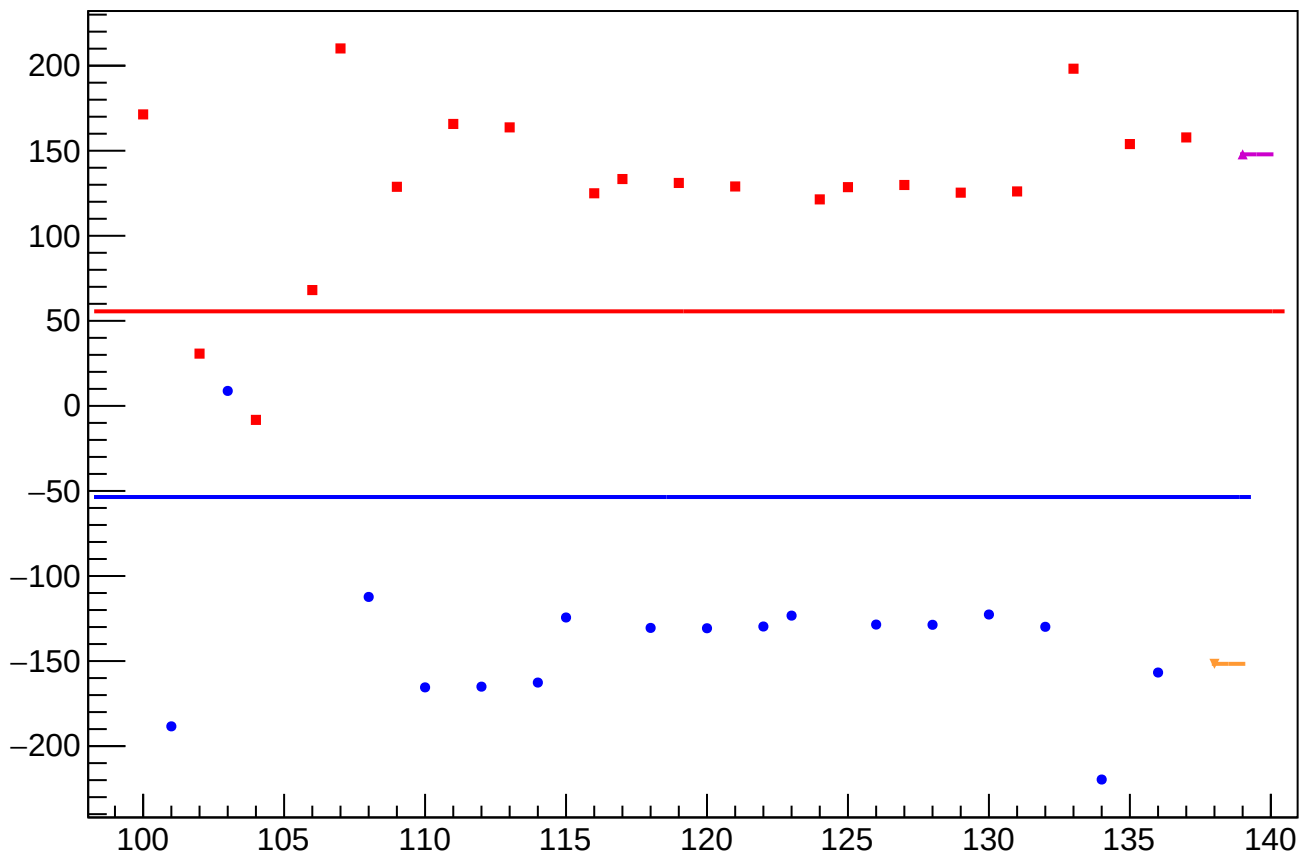
Left In: -40.889 $\pm$ 11.509 χ^2 /NDF: 0.0/0

65.313 $\pm$ 1.613 χ^2 /NDF: 757.8/17

7.892 $\pm$ 1.145 χ^2 /NDF: 3967.0/38

-50.362 $\pm$ 1.625 χ^2 /NDF: 657.8/20

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: 55.585 $\pm$ 0.072 χ^2 /NDF: 970875.1/19

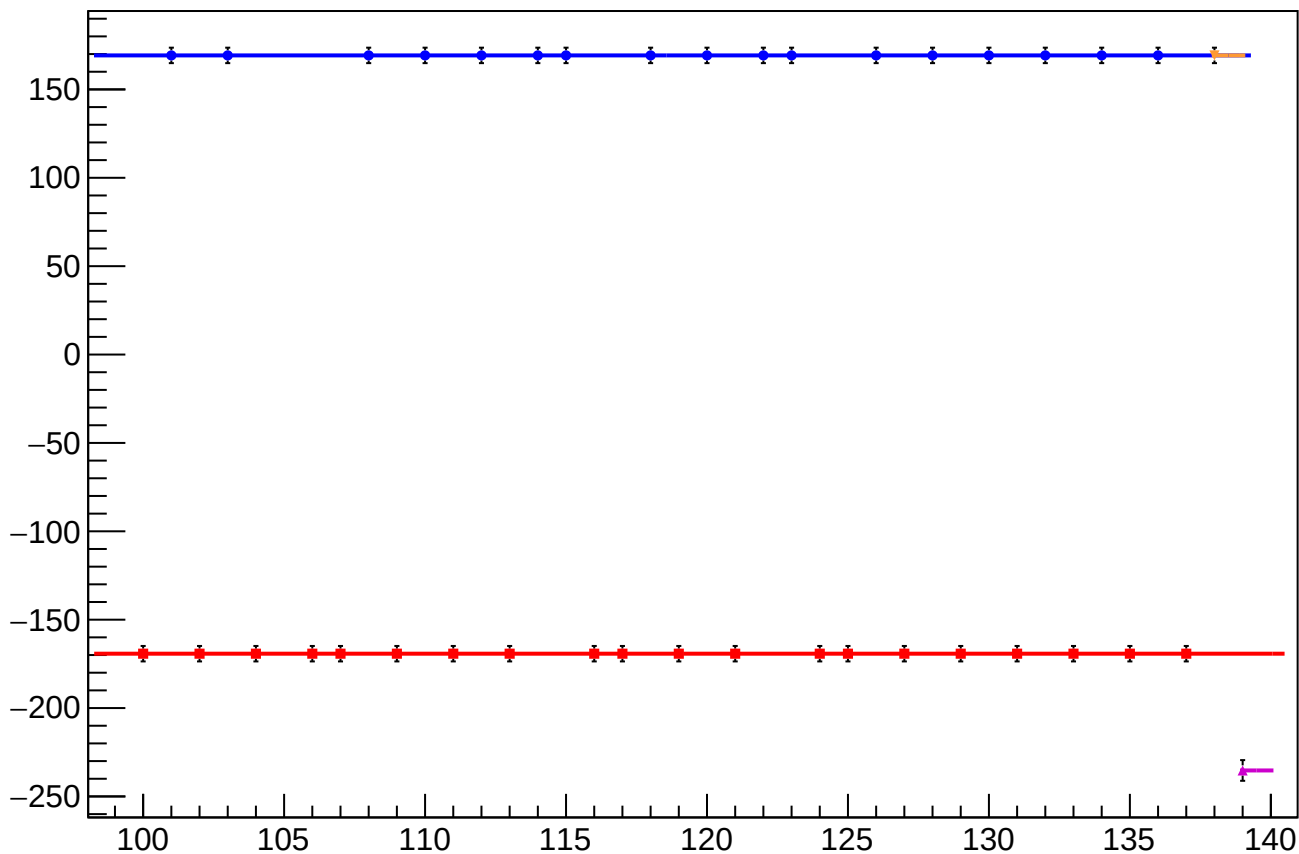
Left In: 147.879 $\pm$ 0.252 χ^2 /NDF: 0.0/0

-62.526 $\pm$ 0.067 χ^2 /NDF: 1408143.6/17

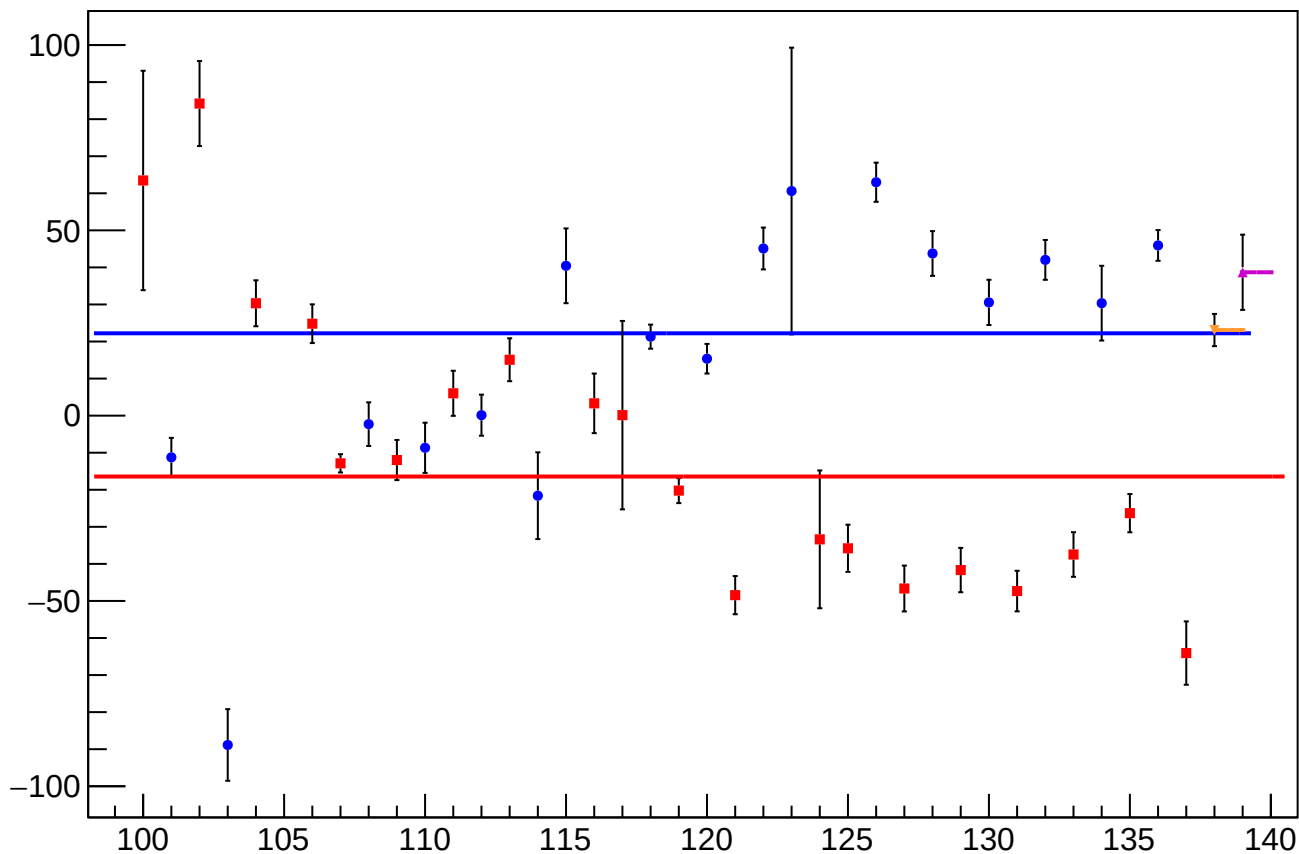
-1.973 $\pm$ 0.048 χ^2 /NDF: 4189779.5/38

62.502 $\pm$ 0.069 χ^2 /NDF: 1094481.7/20

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -16.427 $\pm$ 1.228 χ^2 /NDF: 426.3/19

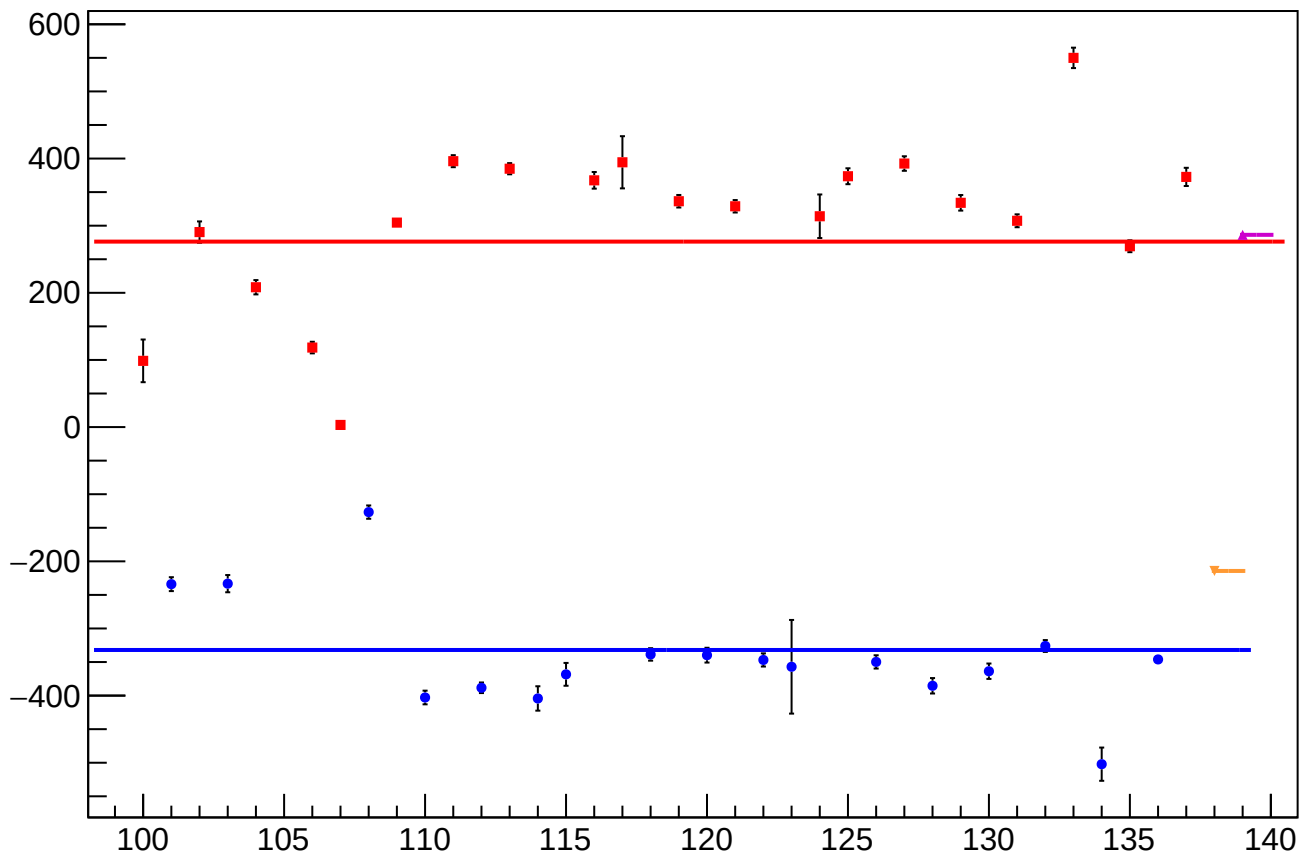
Left In: 38.687 $\pm$ 10.149 χ^2 /NDF: 0.0/0

22.301 $\pm$ 1.310 χ^2 /NDF: 385.6/17

1.975 $\pm$ 0.892 χ^2 /NDF: 1290.3/38

-15.632 $\pm$ 1.219 χ^2 /NDF: 455.4/20

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: 276.276 ± 2.320 χ^2/NDF : 3372.1/19

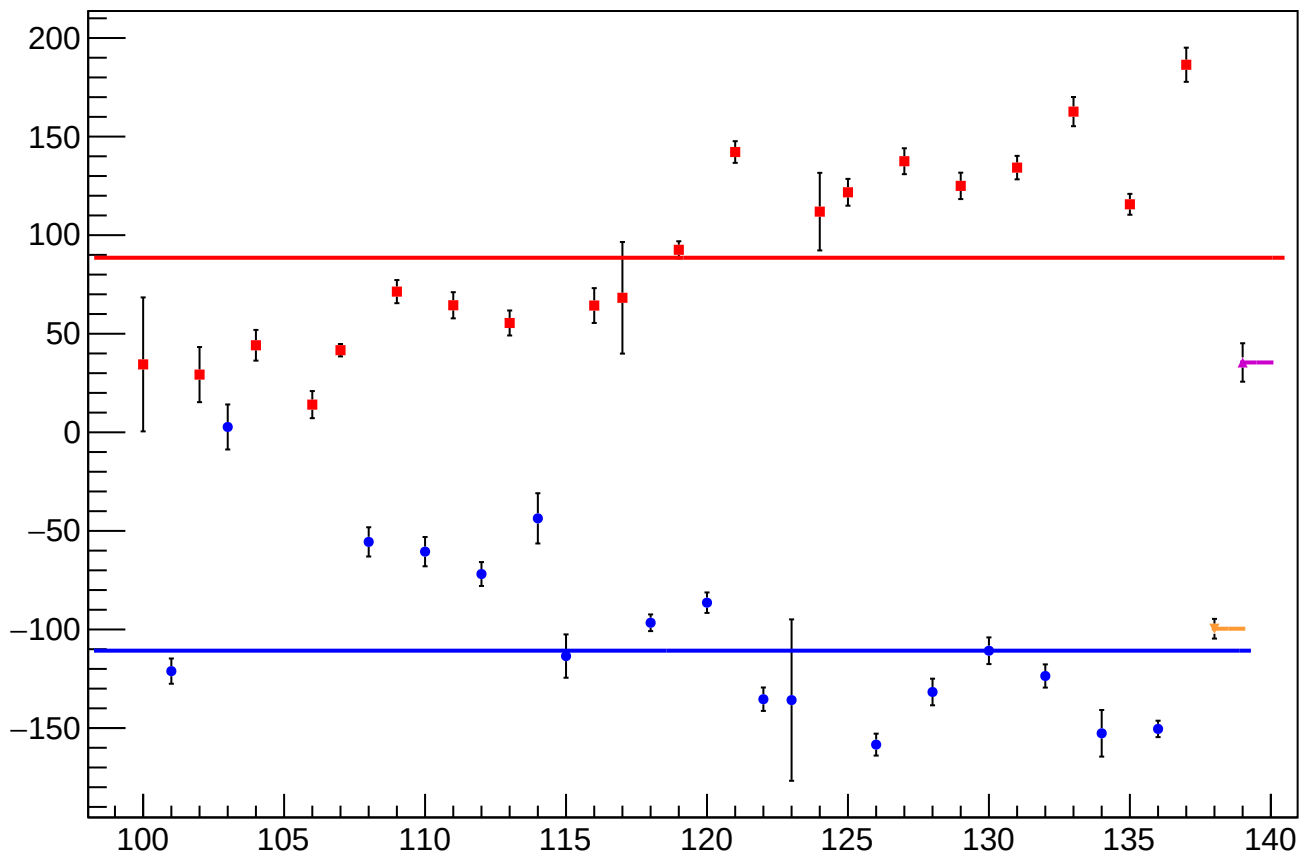
Left In: 286.362 ± 6.382 χ^2/NDF : 0.0/0

-305.460 ± 2.254 χ^2/NDF : 1261.6/17

-4.323 ± 1.567 χ^2/NDF : 39178.9/38

277.454 ± 2.181 χ^2/NDF : 3374.3/20

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: 88.548 ± 1.433 χ^2/NDF : 970.2/19

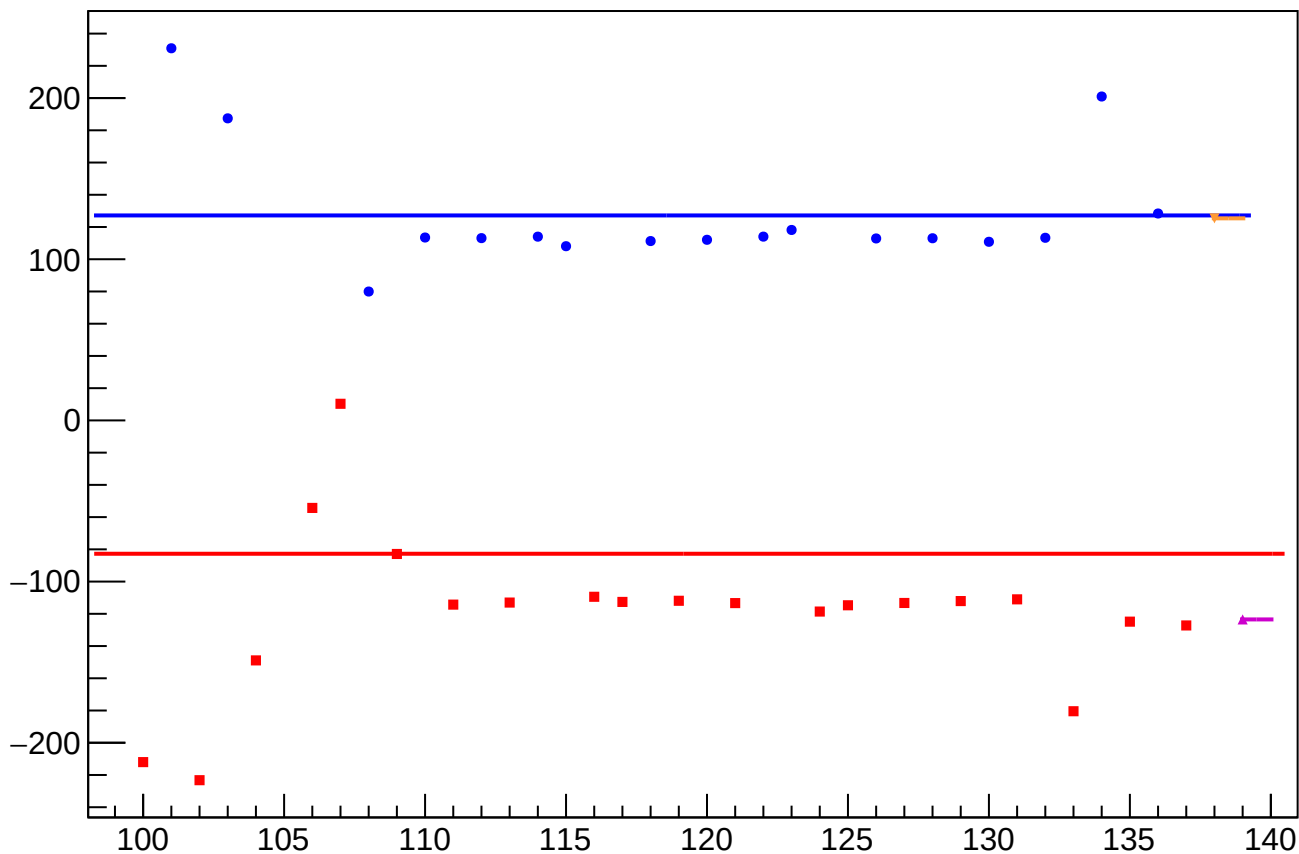
Left In: 35.426 ± 9.747 χ^2/NDF : 0.0/0

-109.735 ± 1.504 χ^2/NDF : 517.9/17

-5.298 ± 1.032 χ^2/NDF : 10616.0/38

87.424 ± 1.417 χ^2/NDF : 999.3/20

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: -82.737 $\pm$ 0.075 χ^2/NDF : 765998.9/19

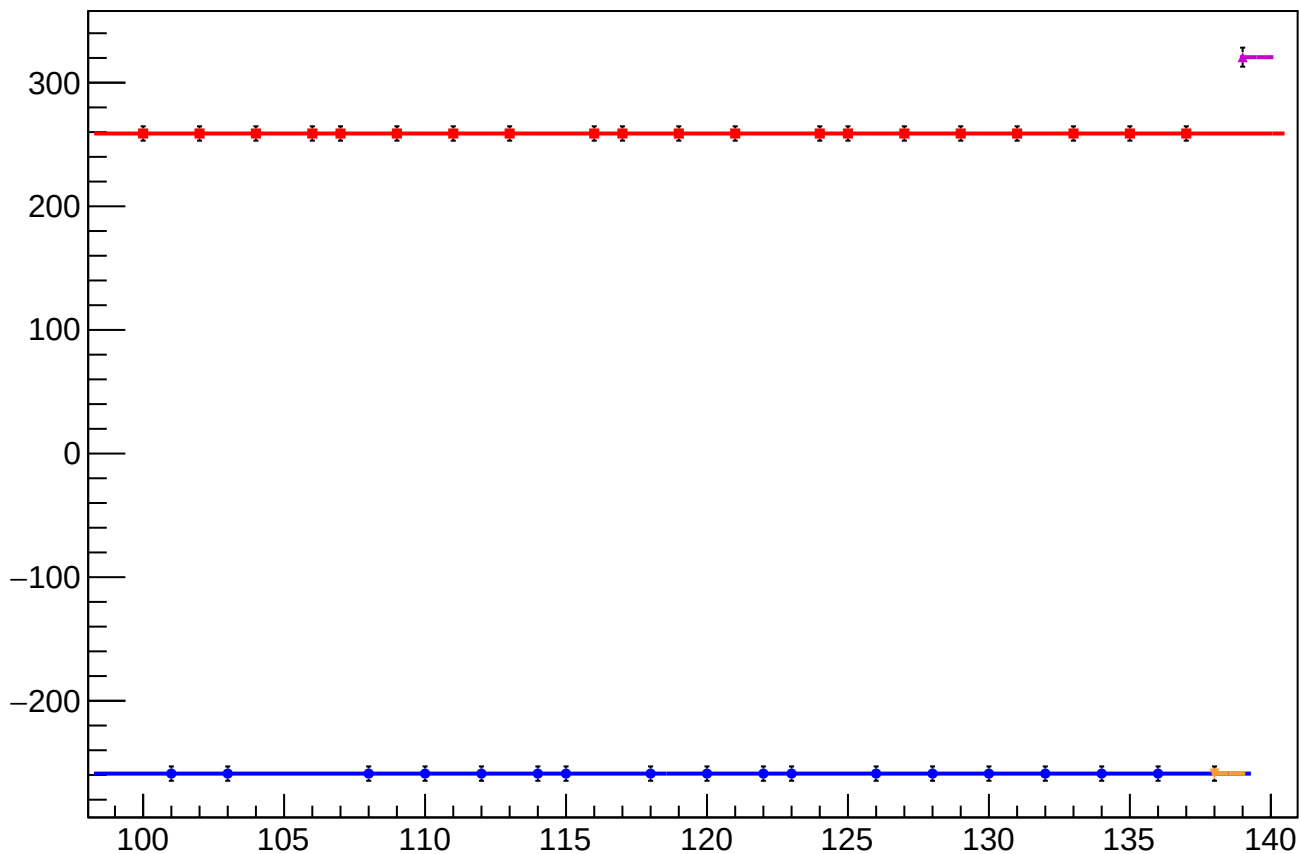
Left In: -123.484 $\pm$ 0.214 χ^2/NDF : 0.0/0

126.849 $\pm$ 0.080 χ^2/NDF : 188125.9/17

6.456 $\pm$ 0.053 χ^2/NDF : 4967858.1/38

-87.223 $\pm$ 0.071 χ^2/NDF : 798294.3/20

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -258.891+/-1.411 χ^2/NDF : 0.0/16

Left Out: -258.891+/-5.819 χ^2/NDF : 0.0/0

Right Out: 258.891+/-1.301 χ^2/NDF : 0.0/19

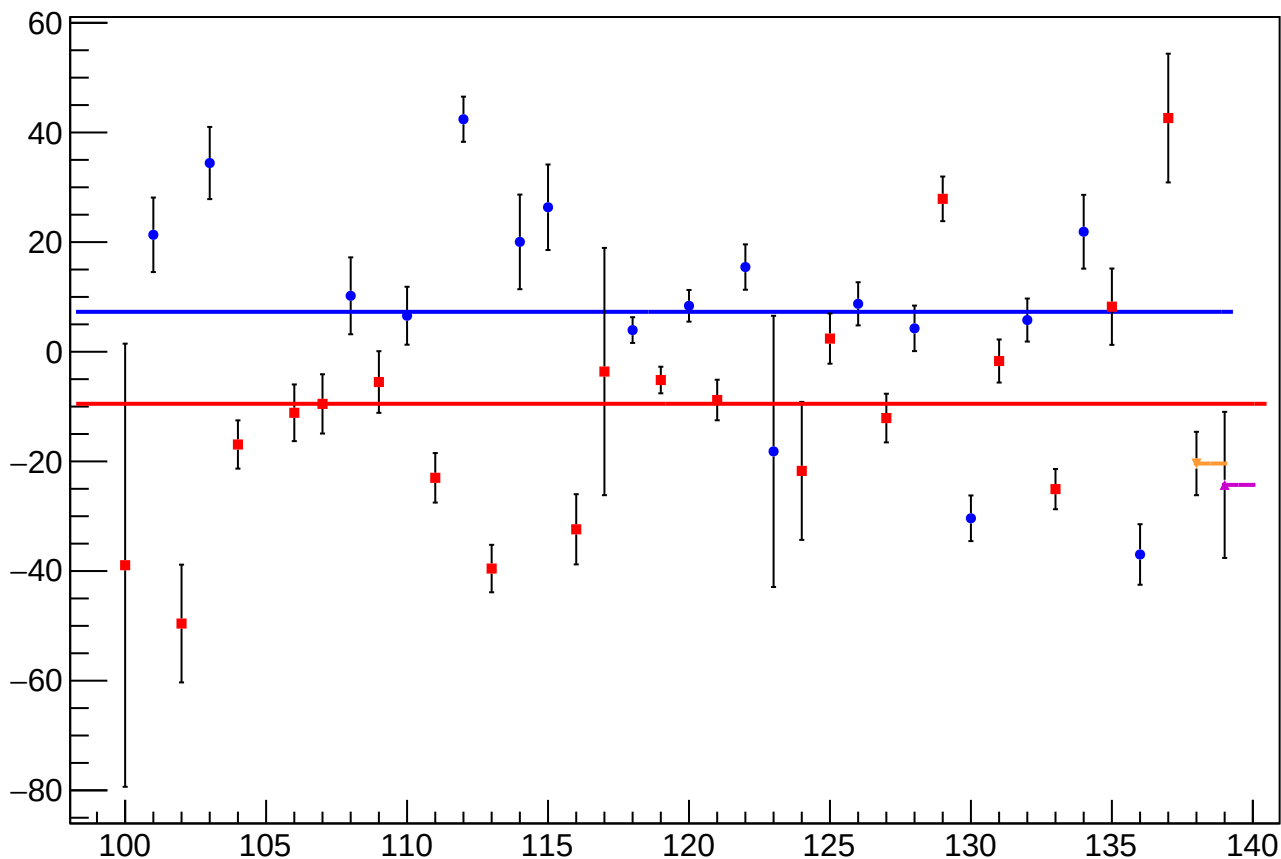
Left In: 320.633+/-7.685 χ^2/NDF : 0.0/0

-258.891+/-1.372 χ^2/NDF : 0.0/17

18.190+/-0.937 χ^2/NDF : 76573.2/38

260.612+/-1.283 χ^2/NDF : 62.8/20

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: -9.491 ± 1.073 χ^2/NDF : 231.6/19

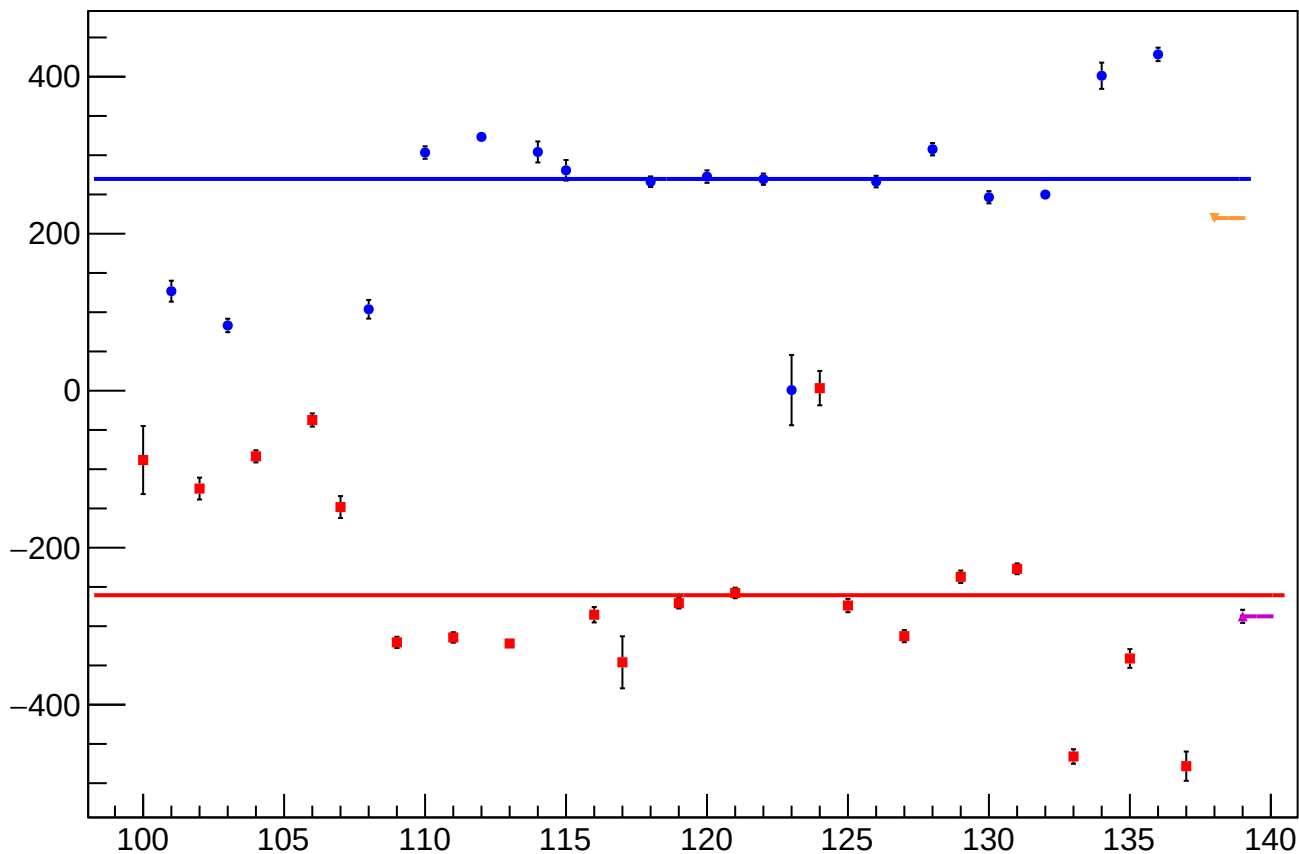
Left In: -24.284 ± 13.324 χ^2/NDF : 0.0/0

6.345 ± 1.065 χ^2/NDF : 283.2/17

-1.585 ± 0.755 χ^2/NDF : 627.4/38

-9.587 ± 1.070 χ^2/NDF : 232.8/20

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: -260.511 $\pm$ 1.974 χ^2 /NDF: 2548.2/19

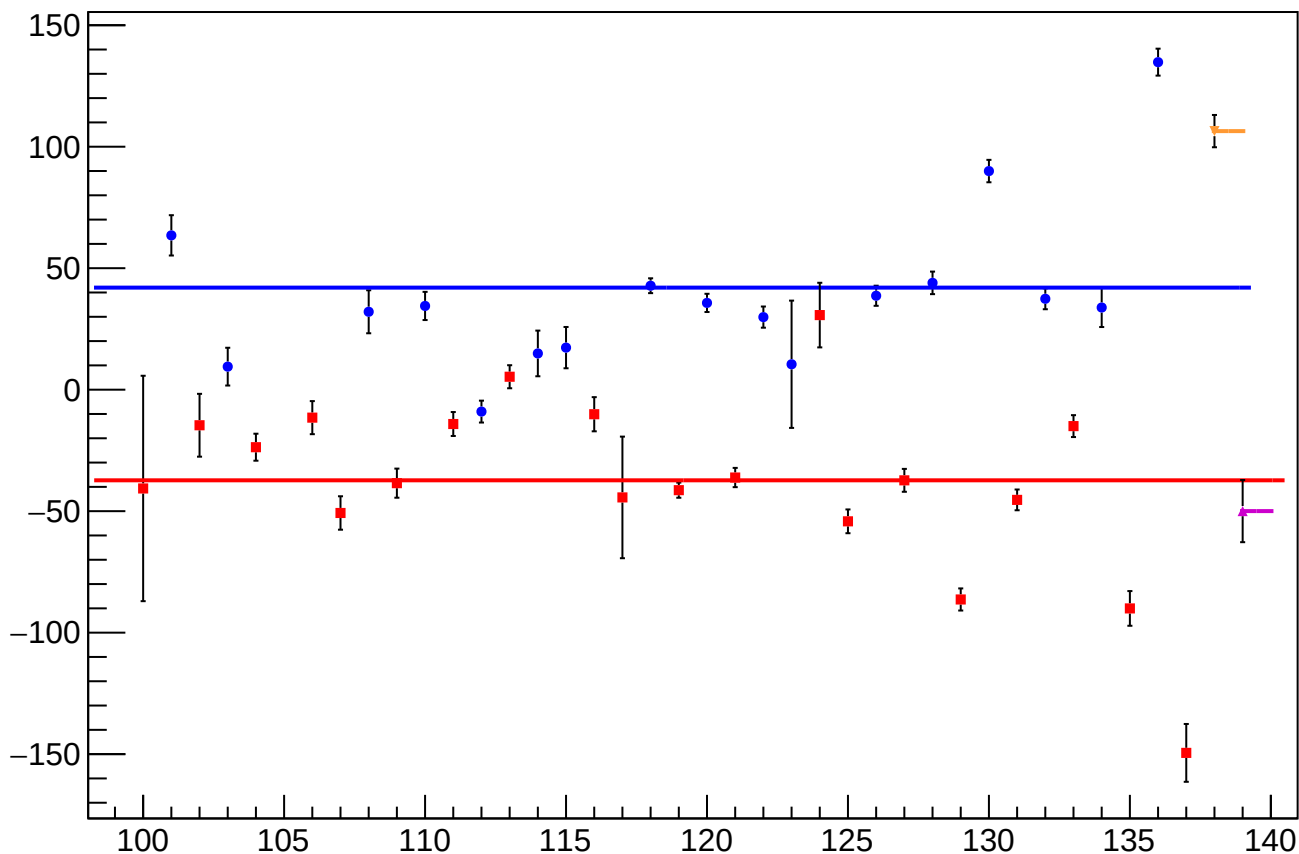
Left In: -287.439 $\pm$ 8.379 χ^2 /NDF: 0.0/0

264.900 $\pm$ 1.968 χ^2 /NDF: 1430.3/17

-4.787 $\pm$ 1.375 χ^2 /NDF: 40673.3/38

-261.928 $\pm$ 1.922 χ^2 /NDF: 2558.0/20

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: -37.301+/-1.236 χ^2/NDF : 472.7/19

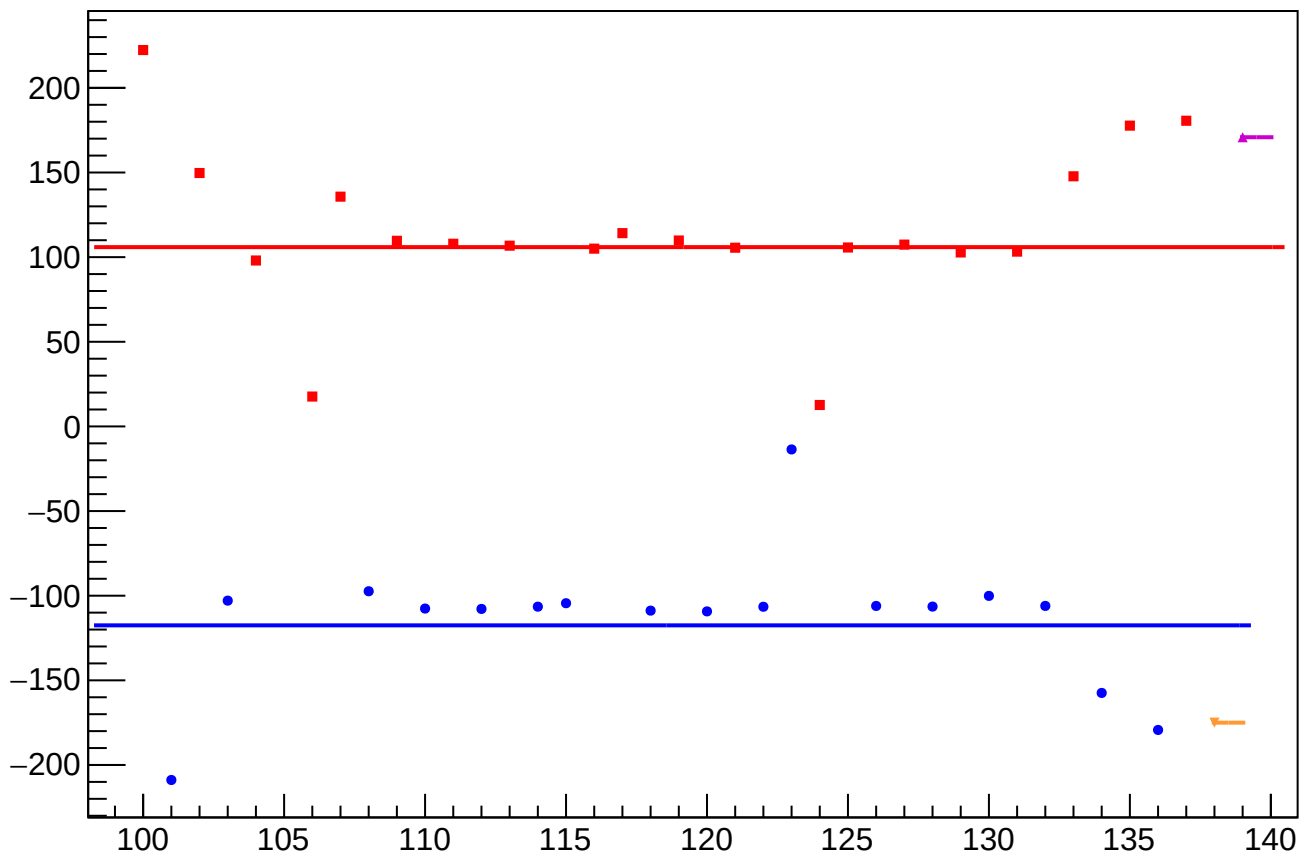
Left In: -49.970+/-12.796 χ^2/NDF : 0.0/0

44.226+/-1.234 χ^2/NDF : 666.3/17

3.283+/-0.871 χ^2/NDF : 3336.7/38

-37.418+/-1.230 χ^2/NDF : 473.7/20

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -175.003+/-0.250 χ^2/NDF : 0.0/0

Right Out: 105.911+/-0.073 χ^2/NDF : 324334.0/19

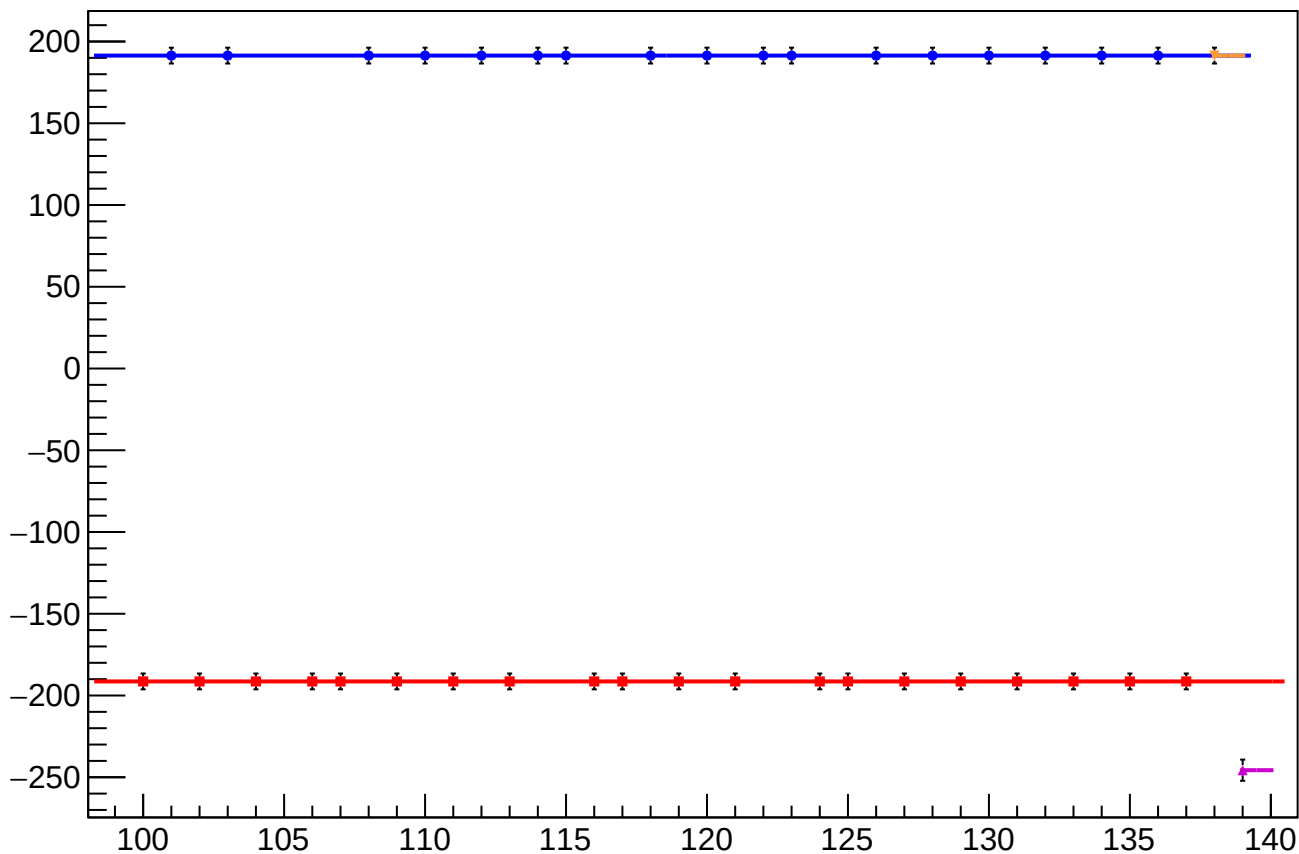
Left In: 170.841+/-0.281 χ^2/NDF : 0.0/0

-122.607+/-0.074 χ^2/NDF : 190116.7/17

0.238+/-0.051 χ^2/NDF : 5717277.9/38

109.998+/-0.070 χ^2/NDF : 374515.1/20

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 191.392 ± 1.175 χ^2/NDF : 0.0/16

Left Out: 191.392 ± 4.845 χ^2/NDF : 0.0/0

Right Out: -191.392 ± 1.083 χ^2/NDF : 0.0/19

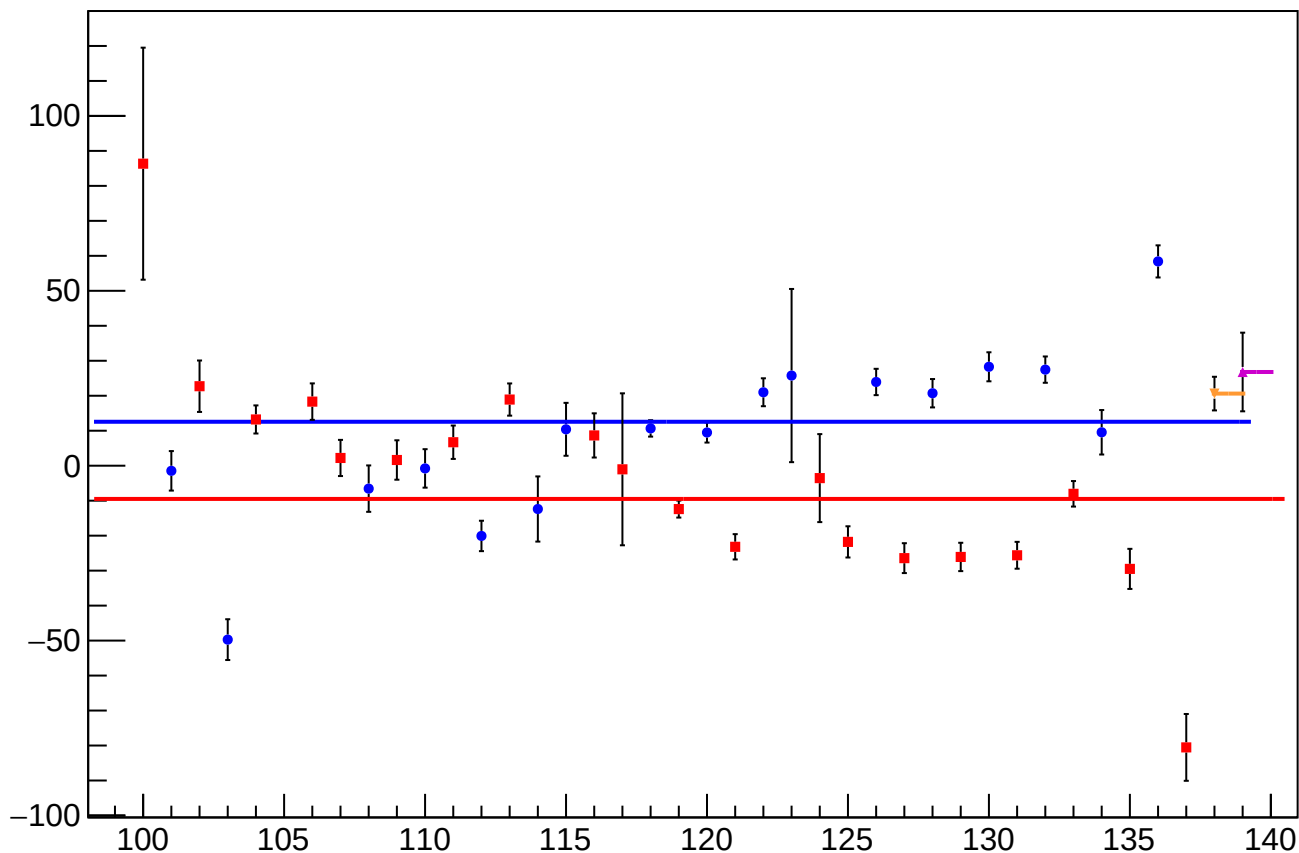
Left In: -245.685 ± 6.484 χ^2/NDF : 0.0/0

191.392 ± 1.142 χ^2/NDF : 0.0/17

-13.485 ± 0.780 χ^2/NDF : 60431.3/38

-192.867 ± 1.069 χ^2/NDF : 68.2/20

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561 ± 1.056 $\chi^2/\text{NDF}: 347.7/16$

Left Out: 20.615 ± 4.809 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -9.499 ± 1.049 $\chi^2/\text{NDF}: 296.4/19$

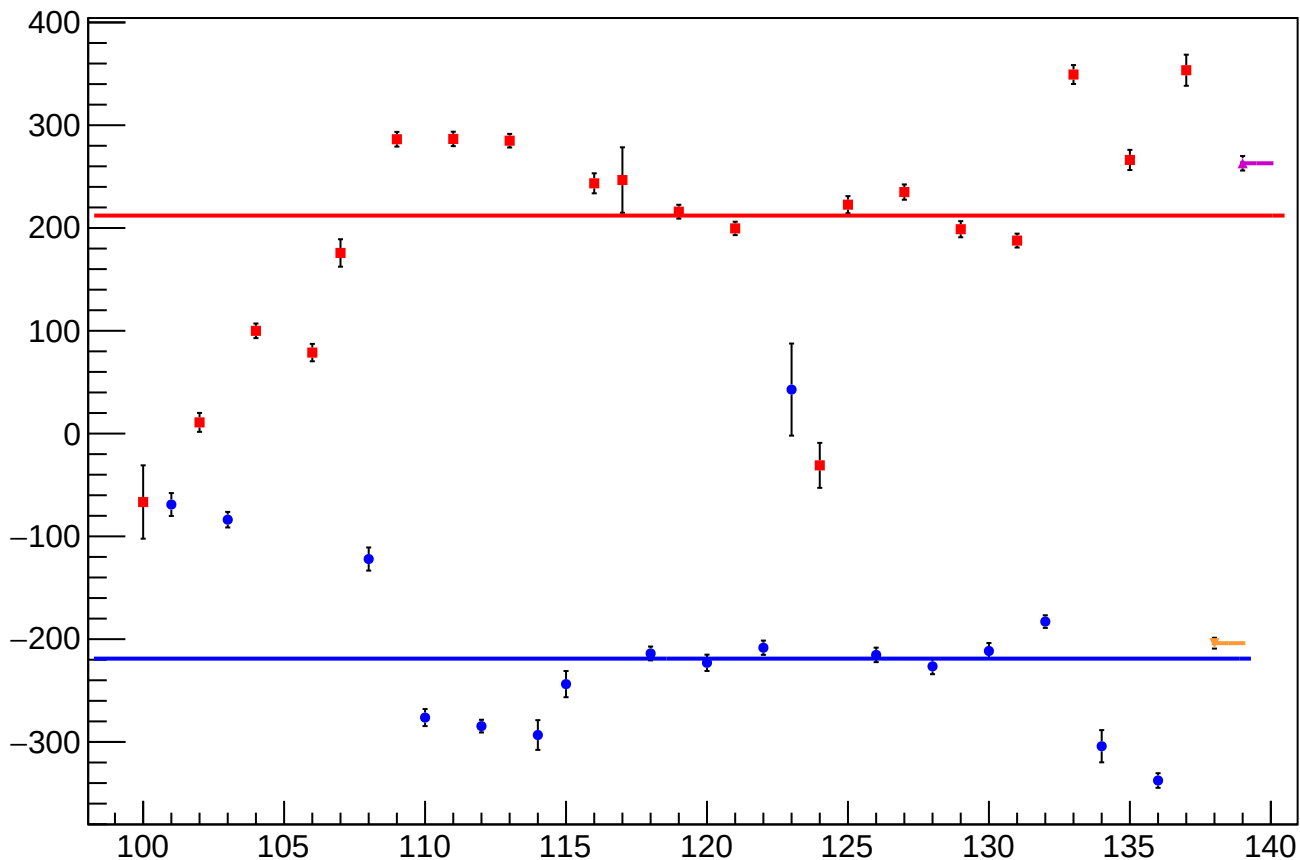
Left In: 26.790 ± 11.243 $\chi^2/\text{NDF}: 0.0/0$

12.932 ± 1.031 $\chi^2/\text{NDF}: 350.4/17$

2.019 ± 0.734 $\chi^2/\text{NDF}: 884.2/38$

-9.186 ± 1.045 $\chi^2/\text{NDF}: 306.7/20$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -203.906 ± 5.253 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 212.094 ± 1.921 $\chi^2/\text{NDF}: 1887.4/19$

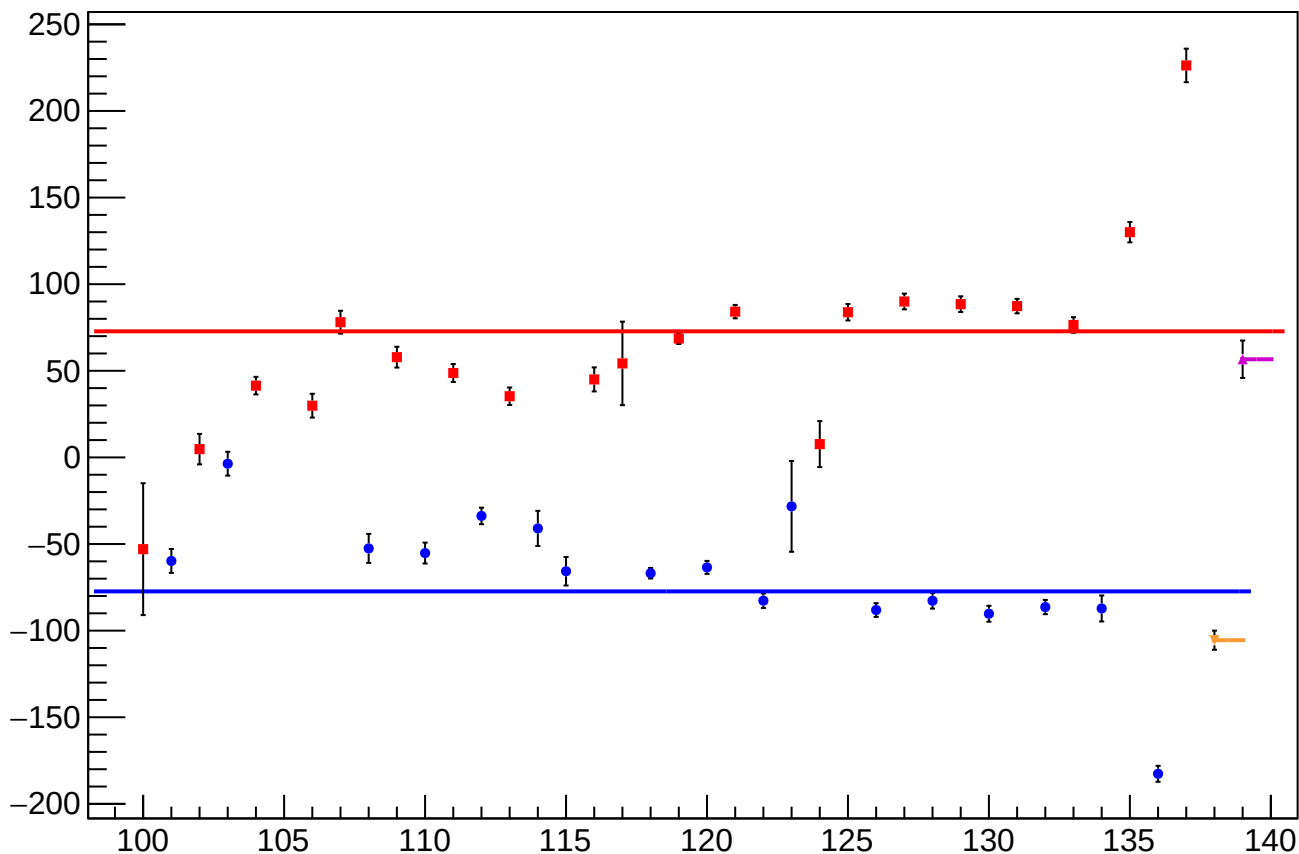
Left In: 262.978 ± 7.070 $\chi^2/\text{NDF}: 0.0/0$

-217.013 ± 1.874 $\chi^2/\text{NDF}: 1153.8/17$

1.638 ± 1.318 $\chi^2/\text{NDF}: 30024.4/38$

215.592 ± 1.854 $\chi^2/\text{NDF}: 1935.6/20$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342+/-1.219 χ^2/NDF : 817.2/16

Left Out: -105.517+/-5.527 χ^2/NDF : 0.0/0

Right Out: 72.789+/-1.207 χ^2/NDF : 673.5/19

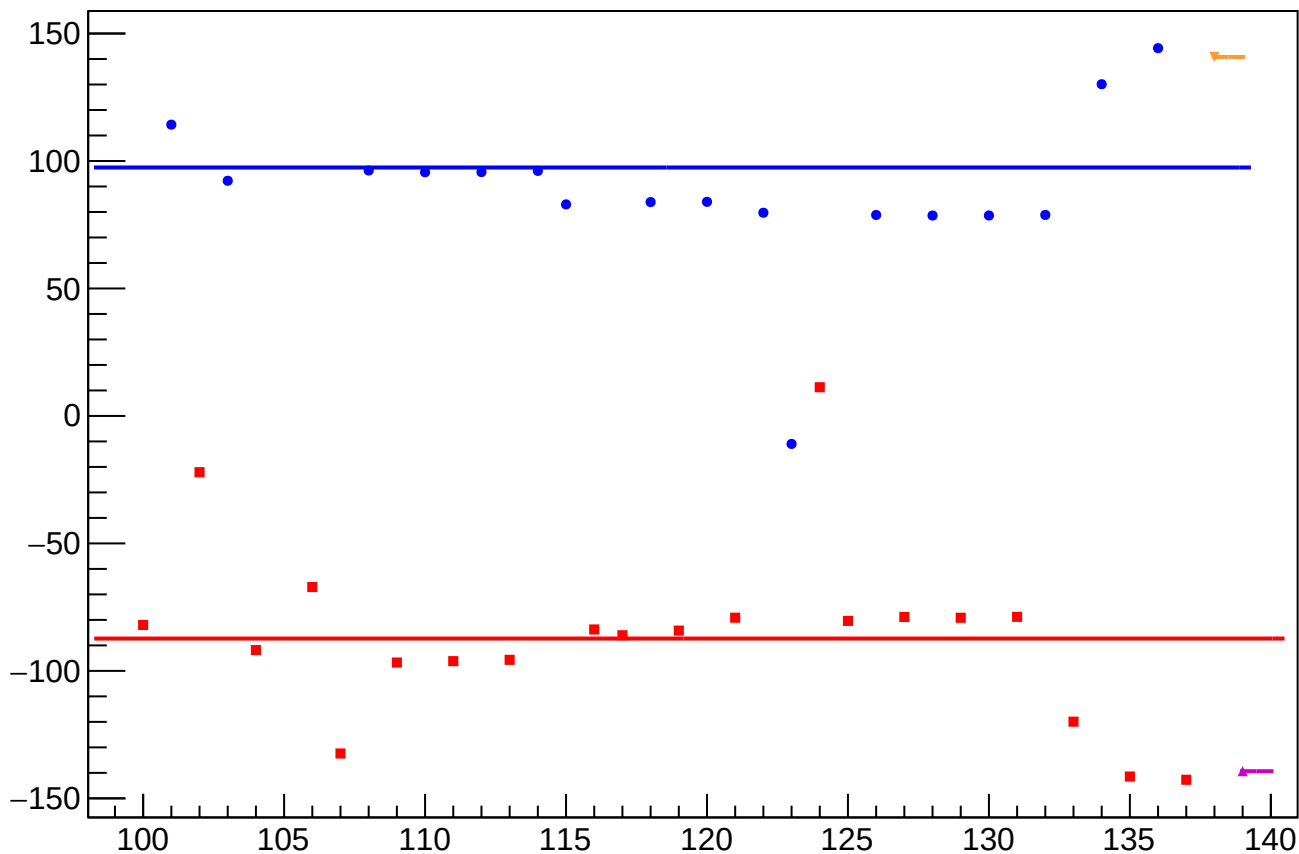
Left In: 56.663+/-10.798 χ^2/NDF : 0.0/0

-78.650+/-1.191 χ^2/NDF : 842.0/17

-3.586+/-0.845 χ^2/NDF : 9524.5/38

72.590+/-1.200 χ^2/NDF : 675.7/20

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452 ± 0.073 $\chi^2/\text{NDF}: 94476.4/16$

Left Out: 140.788 ± 0.208 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -87.312 ± 0.068 $\chi^2/\text{NDF}: 221838.4/19$

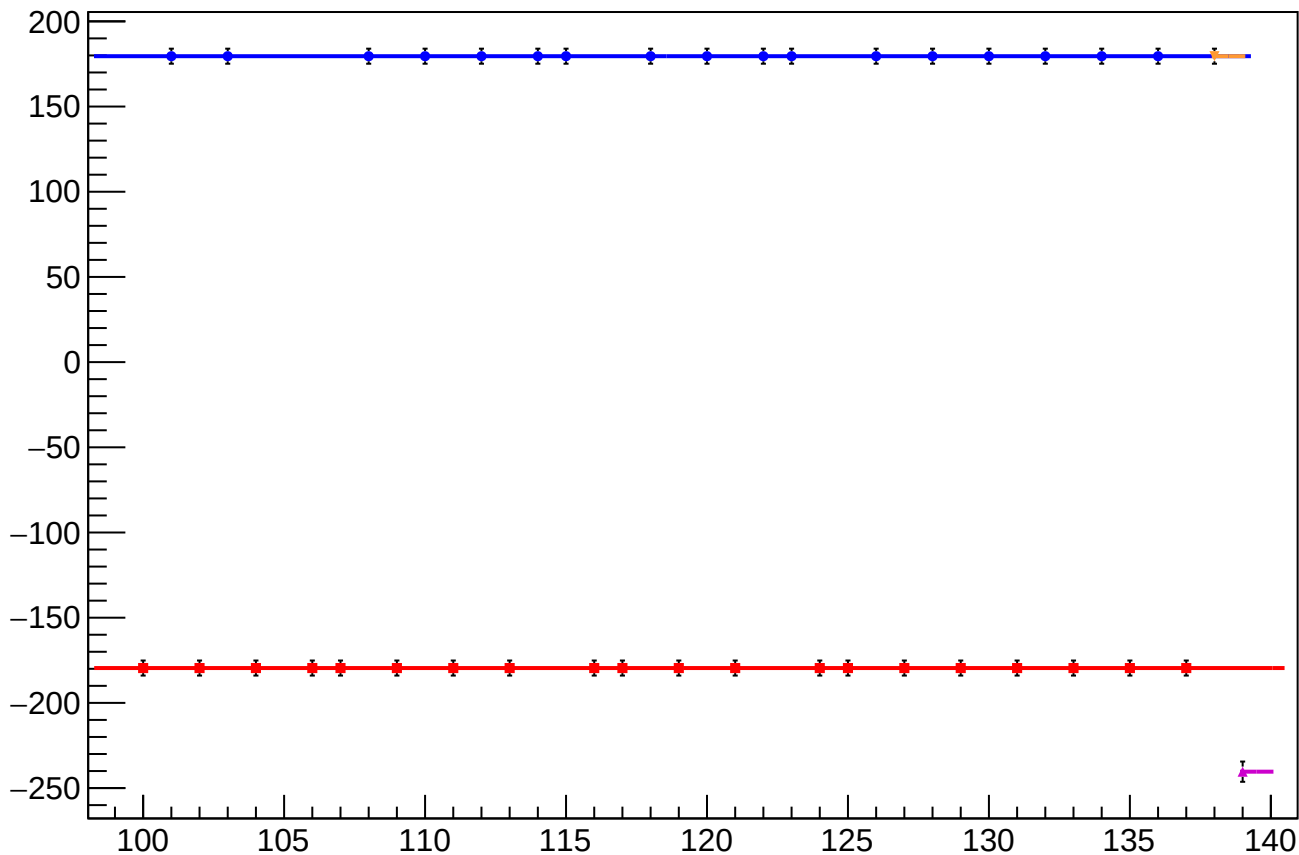
Left In: -139.343 ± 0.237 $\chi^2/\text{NDF}: 0.0/0$

102.217 ± 0.069 $\chi^2/\text{NDF}: 132949.2/17$

0.272 ± 0.048 $\chi^2/\text{NDF}: 4528556.6/38$

-91.293 ± 0.066 $\chi^2/\text{NDF}: 266412.1/20$

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 179.552 ± 1.071 χ^2/NDF : 0.0/16

Left Out: 179.552 ± 4.416 χ^2/NDF : 0.0/0

Right Out: -179.552 ± 0.988 χ^2/NDF : 0.0/19

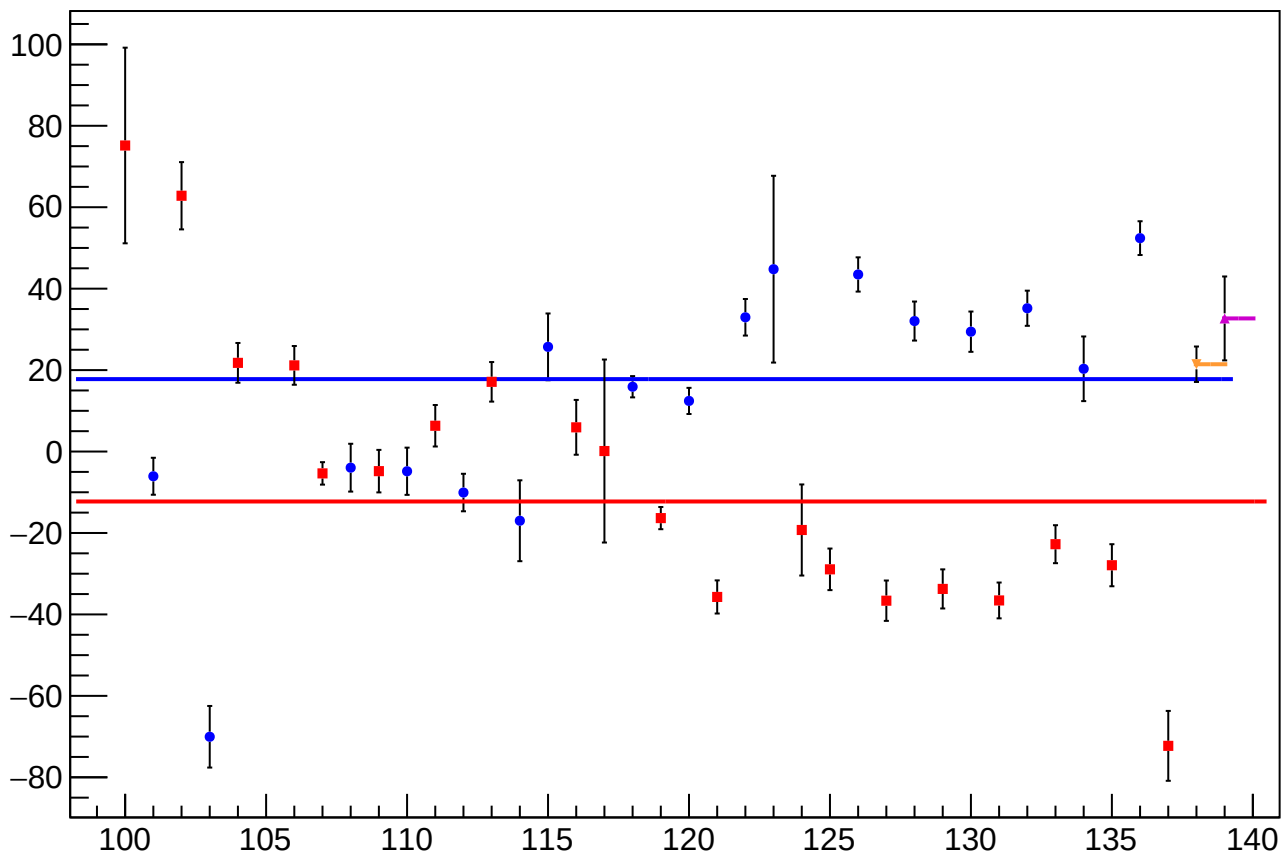
Left In: -240.374 ± 5.941 χ^2/NDF : 0.0/0

179.552 ± 1.041 χ^2/NDF : 0.0/17

-12.760 ± 0.711 χ^2/NDF : 64127.6/38

-181.187 ± 0.974 χ^2/NDF : 102.0/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786+/-1.146 χ^2/NDF : 395.1/16

Left Out: 21.439+/-4.354 χ^2/NDF : 0.0/0

Right Out: -12.265+/-1.085 χ^2/NDF : 444.0/19

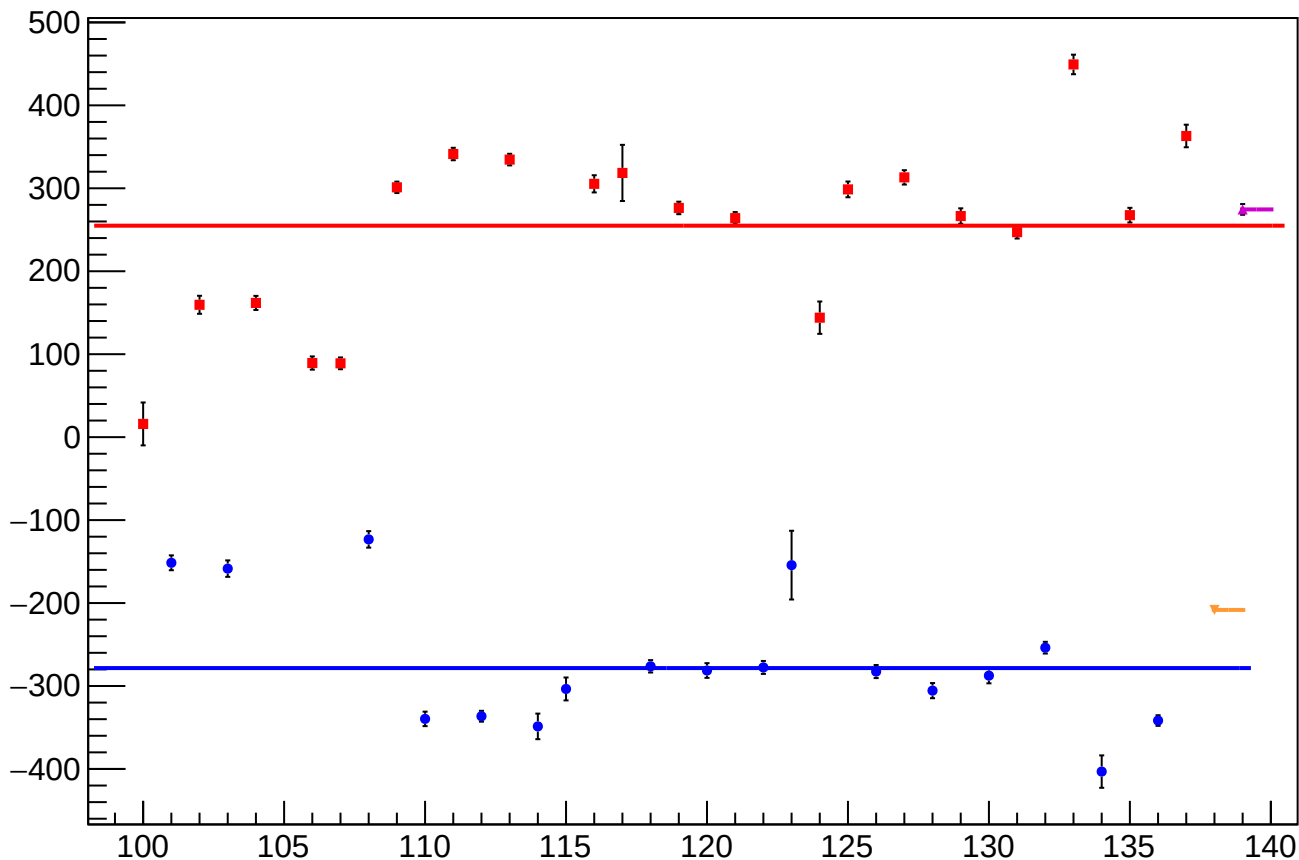
Left In: 32.691+/-10.301 χ^2/NDF : 0.0/0

18.023+/-1.109 χ^2/NDF : 395.8/17

2.718+/-0.773 χ^2/NDF : 1229.7/38

-11.772+/-1.079 χ^2/NDF : 462.9/20

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: 254.929+/-2.017 χ^2 /NDF: 2042.0/19

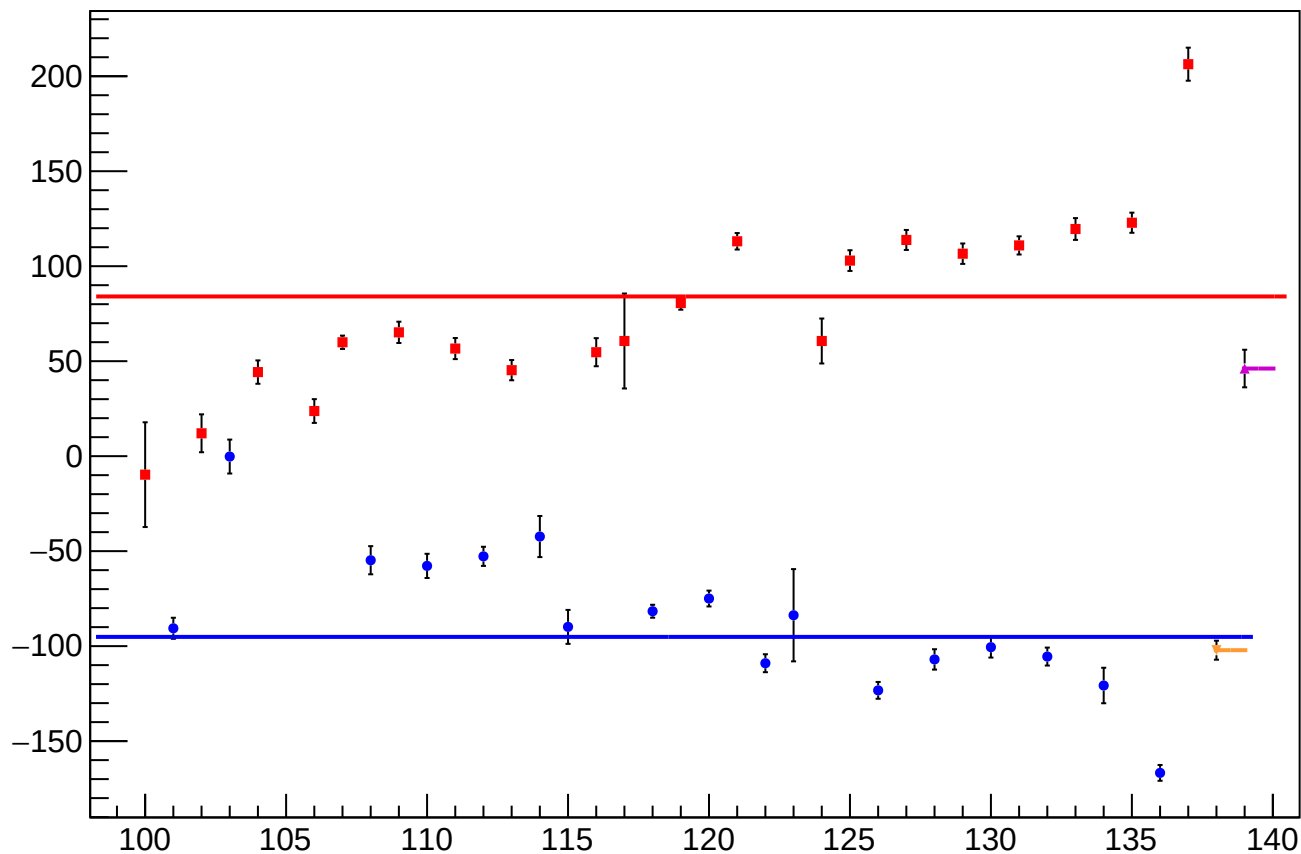
Left In: 274.527+/-6.477 χ^2 /NDF: 0.0/0

-266.469+/-1.975 χ^2 /NDF: 1088.4/17

1.705+/-1.379 χ^2 /NDF: 39117.6/38

256.661+/-1.925 χ^2 /NDF: 2050.4/20

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: 84.065+/-1.257 χ^2/NDF : 783.8/19

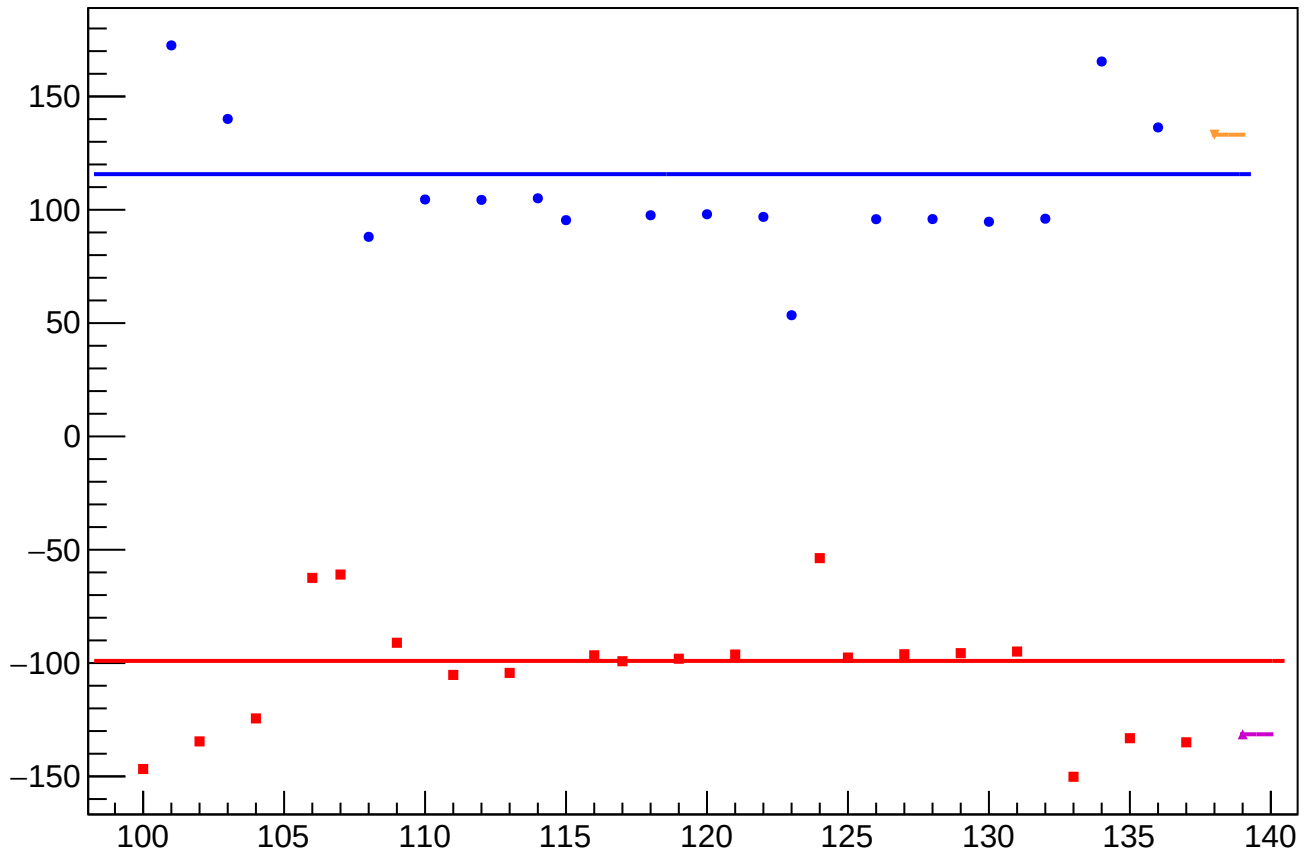
Left In: 46.127+/-9.893 χ^2/NDF : 0.0/0

-95.590+/-1.279 χ^2/NDF : 676.7/17

-3.819+/-0.893 χ^2/NDF : 11524.4/38

83.462+/-1.247 χ^2/NDF : 798.2/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724+/-0.078 χ^2/NDF : 106388.1/16

Left Out: 133.130+/-0.190 χ^2/NDF : 0.0/0

Right Out: -99.049+/-0.068 χ^2/NDF : 173463.3/19

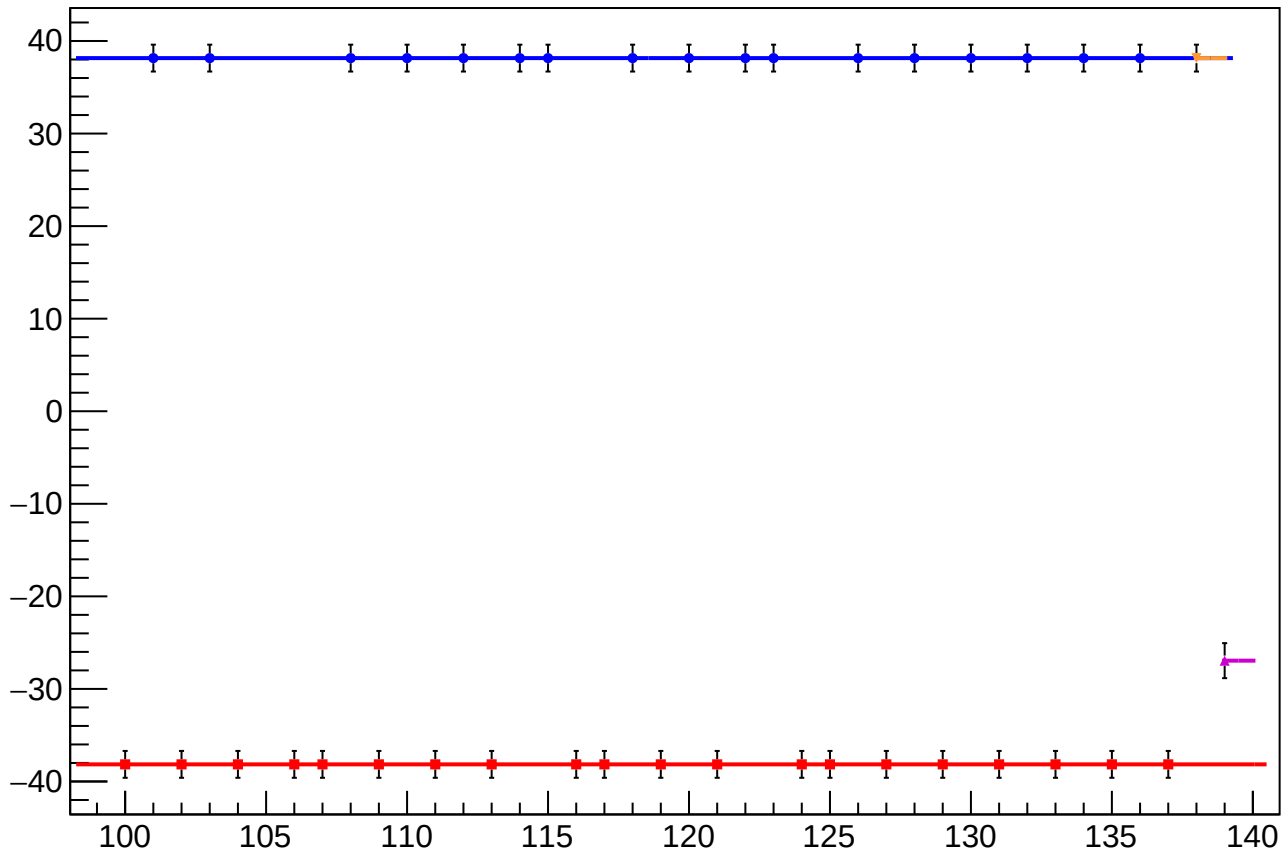
Left In: -131.427+/-0.217 χ^2/NDF : 0.0/0

118.227+/-0.072 χ^2/NDF : 113554.1/17

-2.882+/-0.048 χ^2/NDF : 5429512.4/38

-101.977+/-0.065 χ^2/NDF : 193705.5/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 38.151+/-0.352 χ^2/NDF : 0.0/16

Left Out: 38.151+/-1.452 χ^2/NDF : 0.0/0

Right Out: -38.151+/-0.325 χ^2/NDF : 0.0/19

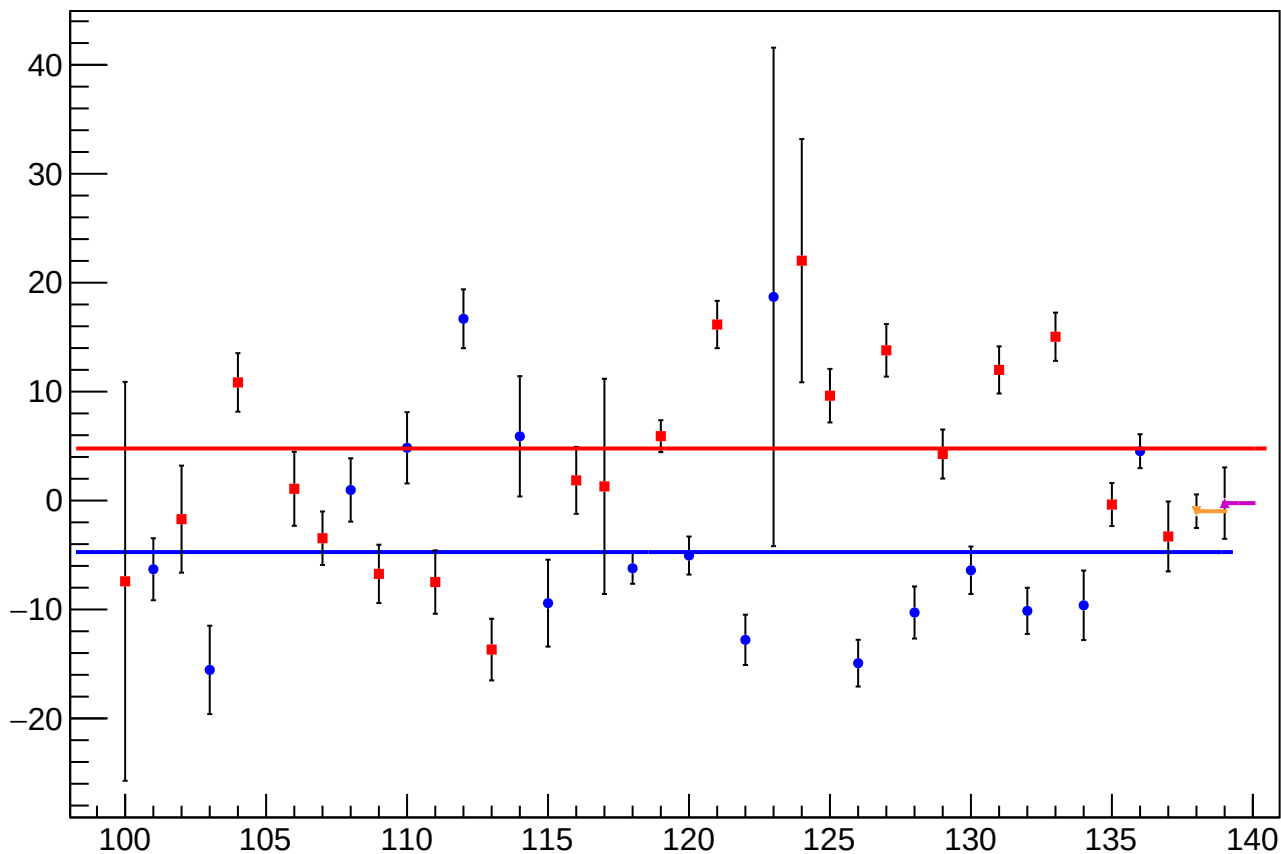
Left In: -26.947+/-1.891 χ^2/NDF : 0.0/0

38.151+/-0.342 χ^2/NDF : 0.0/17

-2.389+/-0.234 χ^2/NDF : 26348.2/38

-37.831+/-0.320 χ^2/NDF : 34.1/20

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: 4.780 ± 0.585 χ^2/NDF : 193.6/19

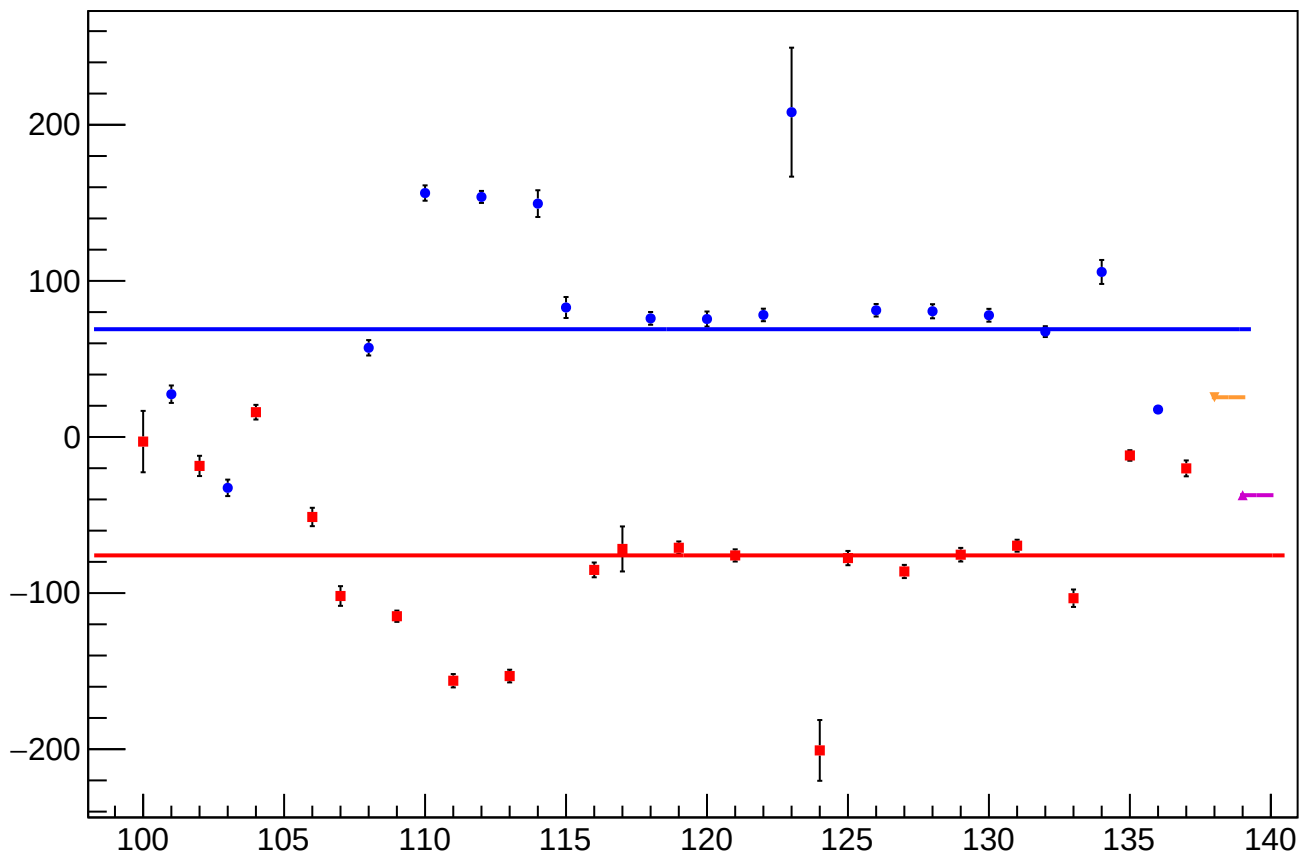
Left In: -0.236 ± 3.278 χ^2/NDF : 0.0/0

-4.265 ± 0.543 χ^2/NDF : 180.0/17

-0.082 ± 0.395 χ^2/NDF : 502.3/38

4.626 ± 0.575 χ^2/NDF : 195.9/20

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048+/-1.077 χ^2/NDF : 1847.9/16

Left Out: 25.458+/-1.575 χ^2/NDF : 0.0/0

Right Out: -75.855+/-1.067 χ^2/NDF : 1895.1/19

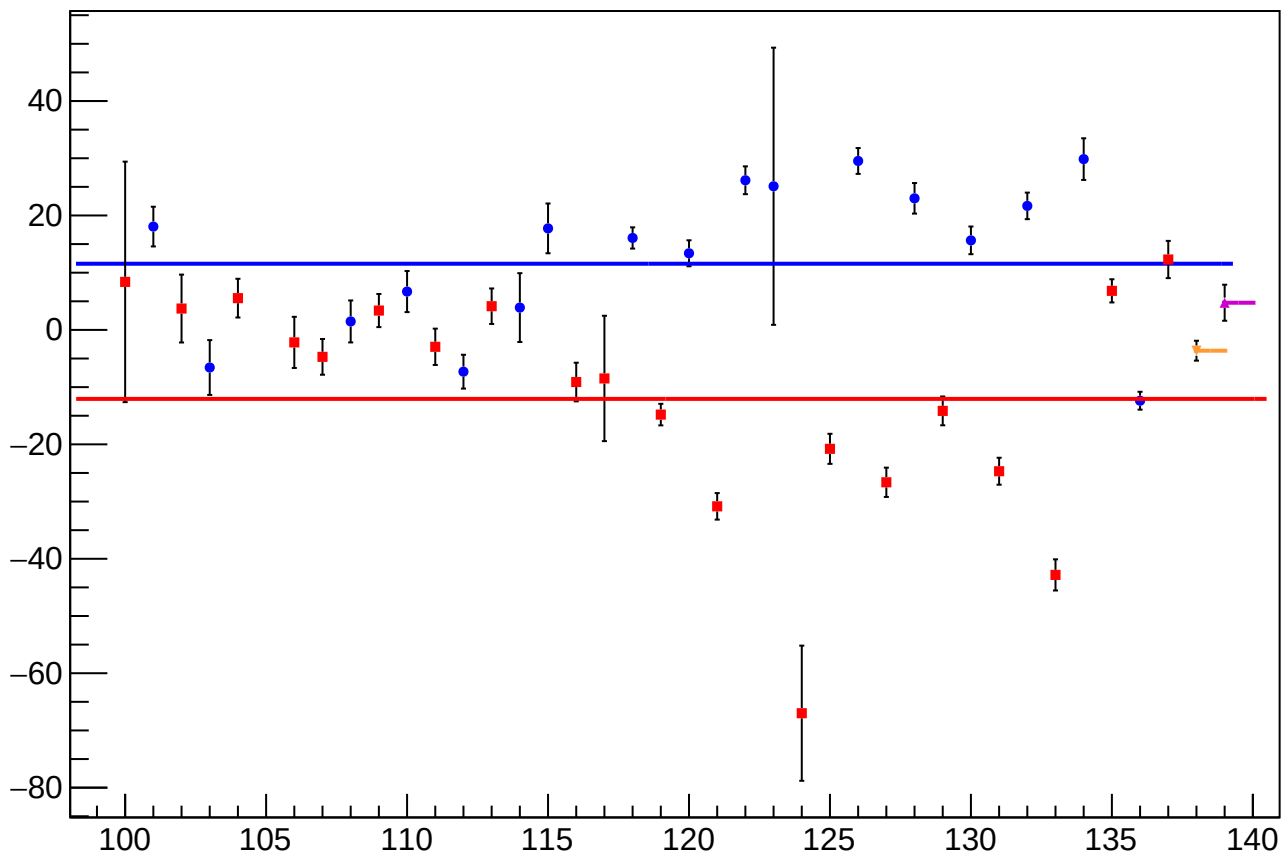
Left In: -37.280+/-2.062 χ^2/NDF : 0.0/0

55.160+/-0.889 χ^2/NDF : 2370.1/17

-2.359+/-0.648 χ^2/NDF : 13489.5/38

-67.713+/-0.947 χ^2/NDF : 2171.2/20

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565+/-0.658 χ^2/NDF : 478.2/16

Left Out: -3.632+/-1.738 χ^2/NDF : 0.0/0

Right Out: -12.058+/-0.663 χ^2/NDF : 543.4/19

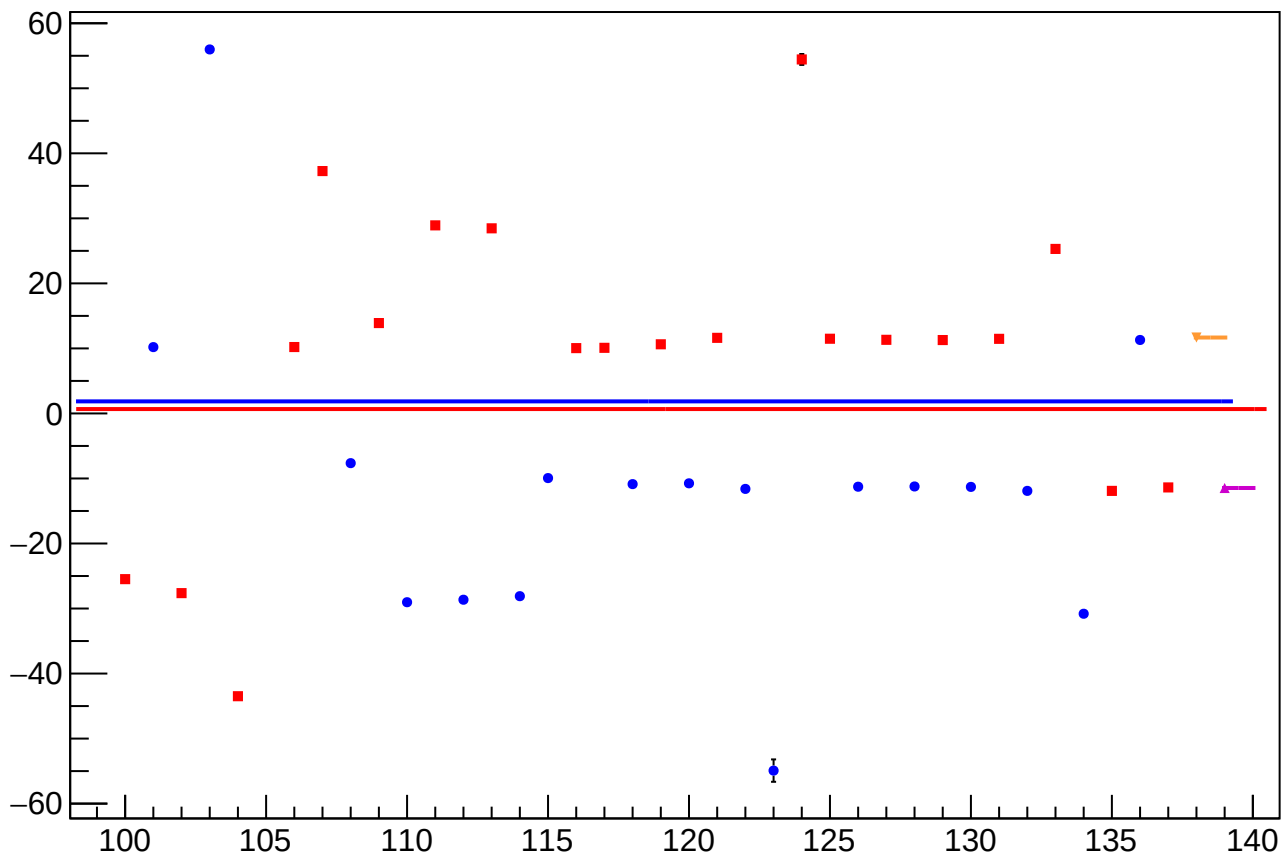
Left In: 4.749+/-3.149 χ^2/NDF : 0.0/0

9.659+/-0.616 χ^2/NDF : 545.1/17

-0.287+/-0.447 χ^2/NDF : 1667.0/38

-11.344+/-0.649 χ^2/NDF : 570.7/20

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: 0.673+/-0.037 χ^2/NDF : 361828.1/19

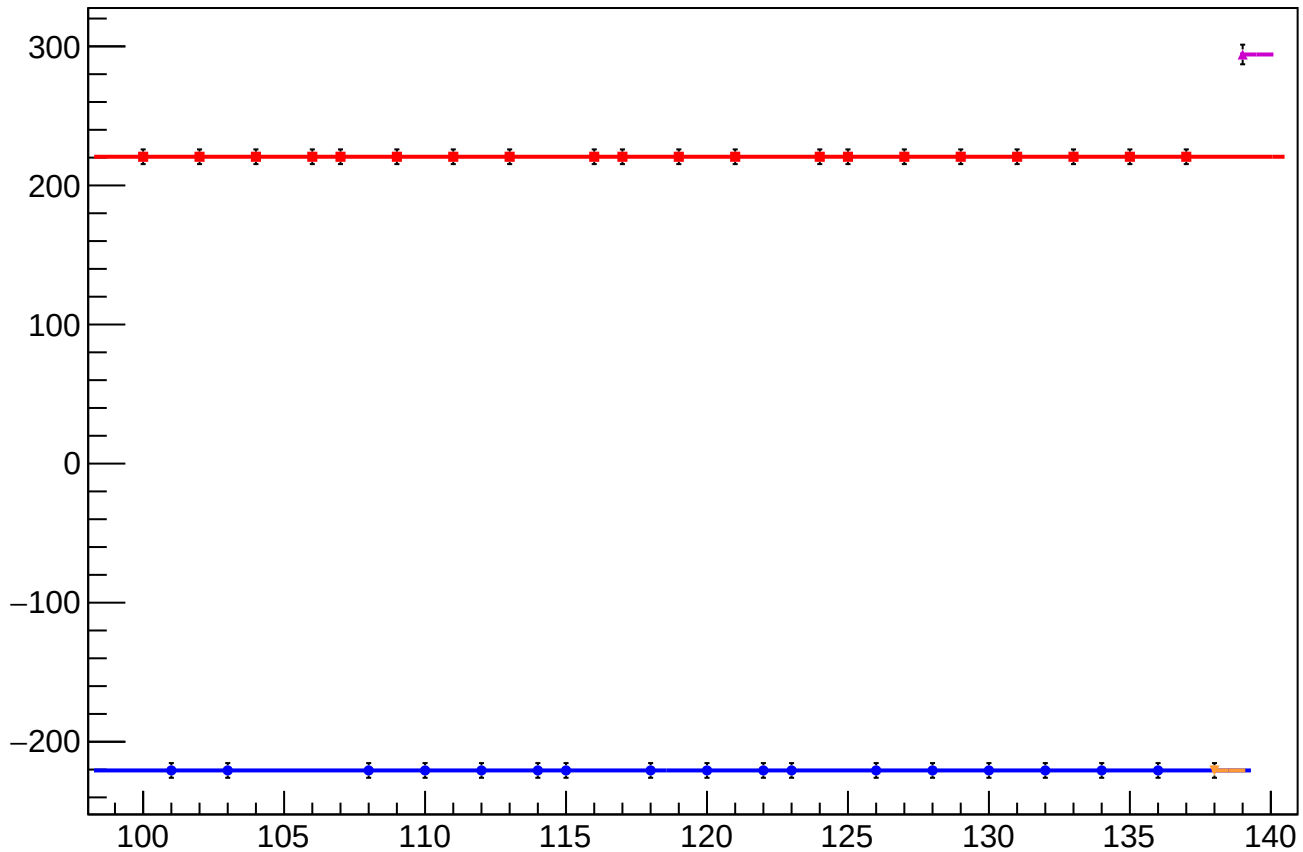
Left In: -11.464+/-0.069 χ^2/NDF : 0.0/0

4.477+/-0.032 χ^2/NDF : 378218.1/17

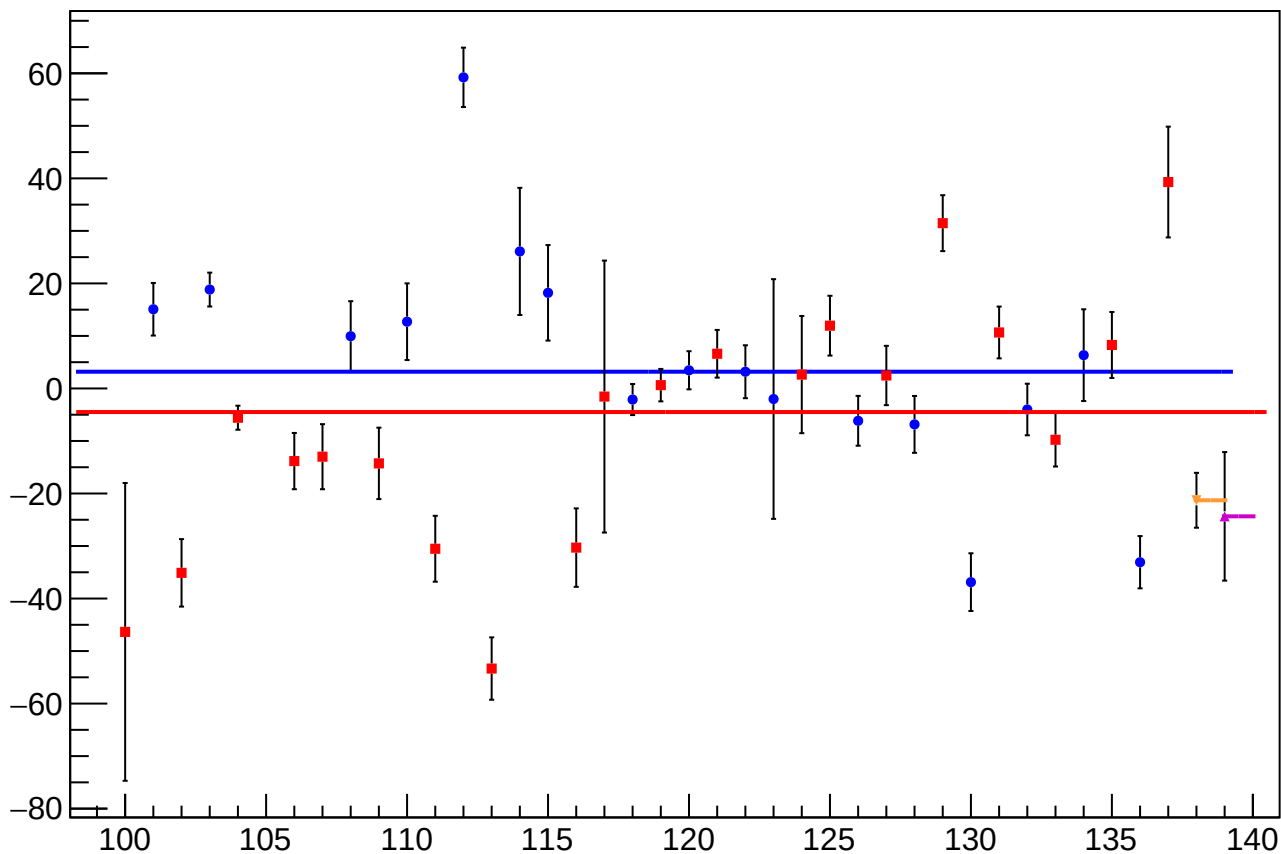
1.316+/-0.023 χ^2/NDF : 784575.2/38

-2.034+/-0.033 χ^2/NDF : 385842.2/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188 ± 1.225 $\chi^2/\text{NDF}: 255.6/16$

Left Out: -21.292 ± 5.225 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.492 ± 1.158 $\chi^2/\text{NDF}: 225.4/19$

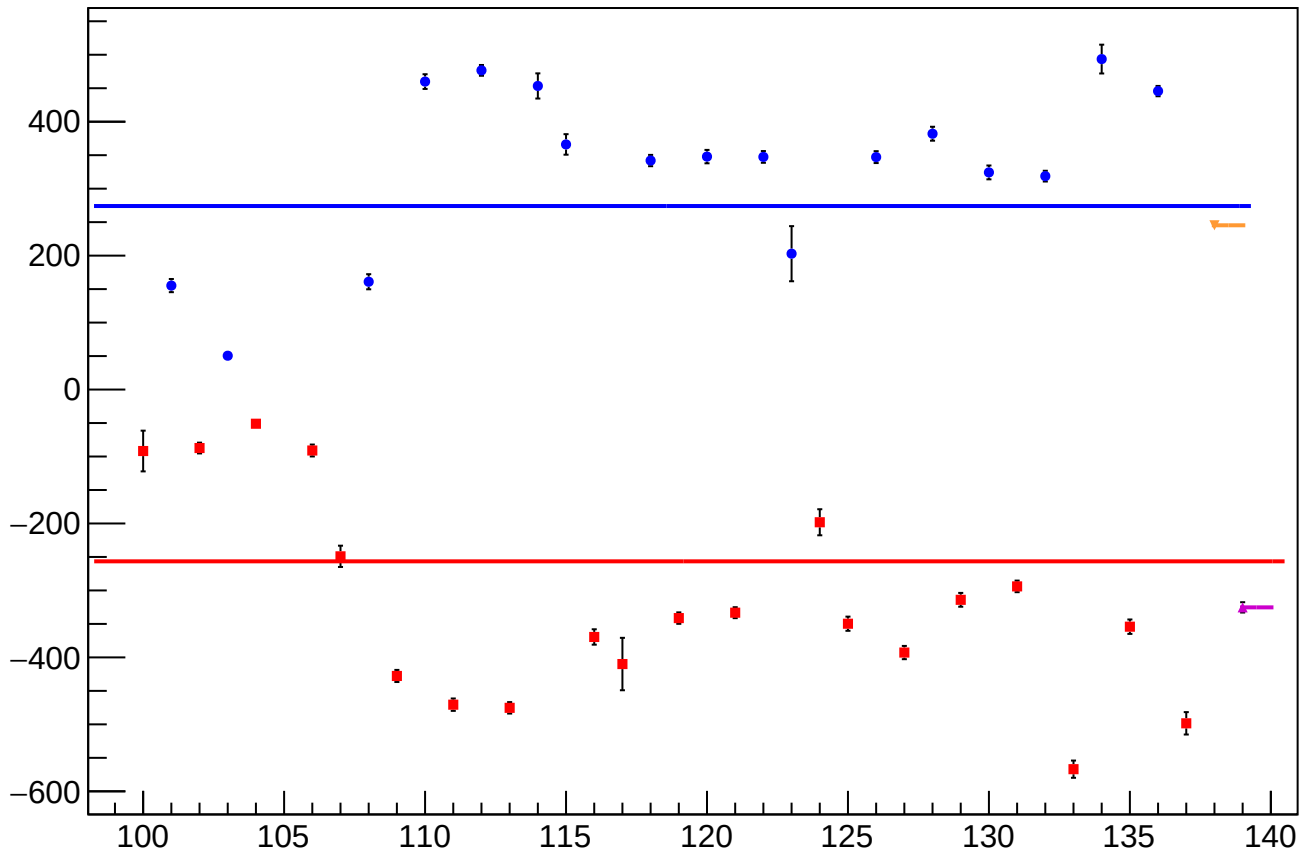
Left In: -24.349 ± 12.238 $\chi^2/\text{NDF}: 0.0/0$

1.912 ± 1.193 $\chi^2/\text{NDF}: 276.4/17$

-1.489 ± 0.829 $\chi^2/\text{NDF}: 520.2/38$

-4.668 ± 1.153 $\chi^2/\text{NDF}: 228.0/20$

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: -256.542+/-2.077 χ^2/NDF : 6459.5/19

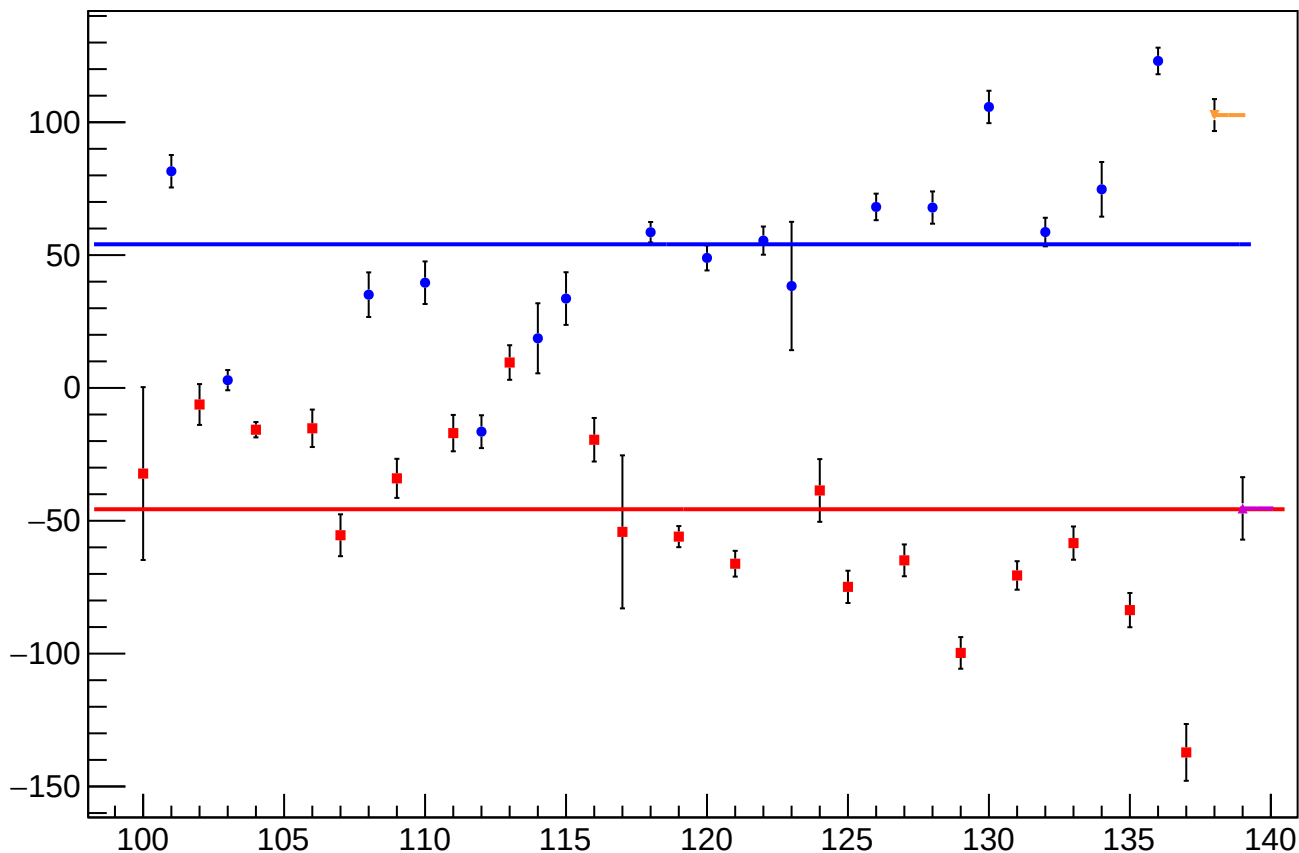
Left In: -325.288+/-7.696 χ^2/NDF : 0.0/0

270.419+/-2.047 χ^2/NDF : 5133.9/17

-0.825+/-1.432 χ^2/NDF : 46087.4/38

-261.211+/-2.005 χ^2/NDF : 6533.8/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065+/-1.421 χ^2/NDF : 634.4/16

Left Out: 102.703+/-6.015 χ^2/NDF : 0.0/0

Right Out: -45.656+/-1.358 χ^2/NDF : 530.9/19

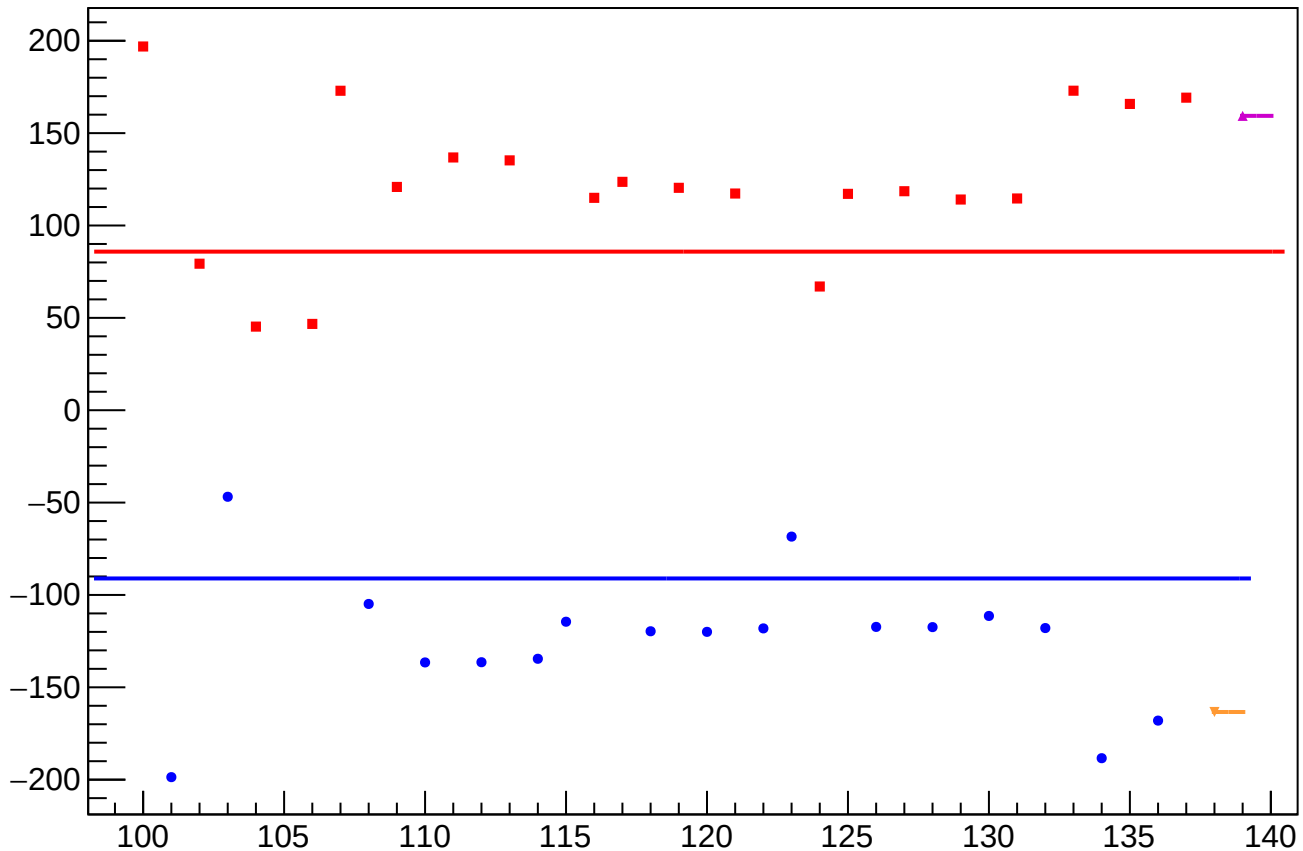
Left In: -45.339+/-11.753 χ^2/NDF : 0.0/0

56.634+/-1.382 χ^2/NDF : 696.3/17

4.222+/-0.965 χ^2/NDF : 4032.1/38

-45.652+/-1.349 χ^2/NDF : 530.9/20

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: 85.852 ± 0.065 $\chi^2/\text{NDF}: 496339.6/19$

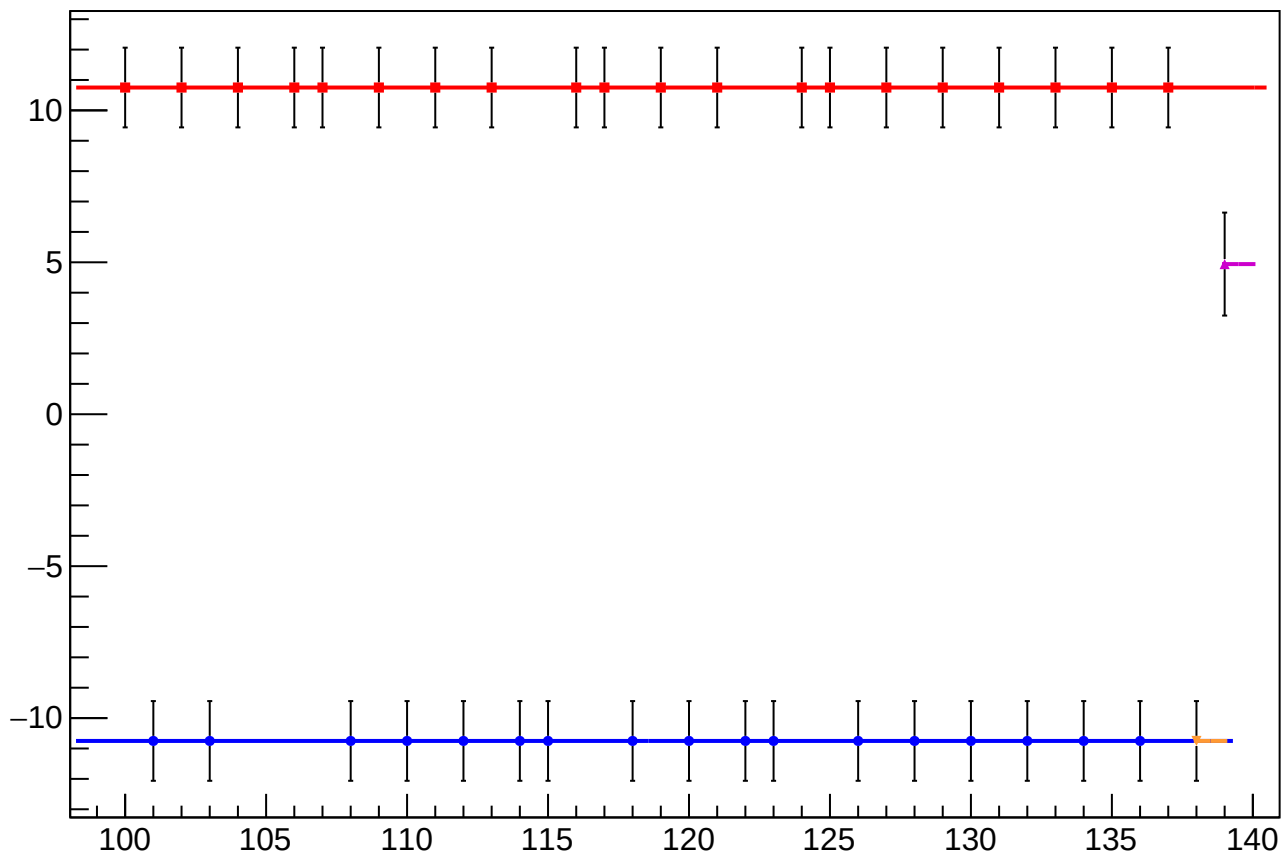
Left In: 159.356 ± 0.258 $\chi^2/\text{NDF}: 0.0/0$

-96.904 ± 0.065 $\chi^2/\text{NDF}: 627066.0/17$

-0.805 ± 0.045 $\chi^2/\text{NDF}: 5489633.6/38$

90.246 ± 0.063 $\chi^2/\text{NDF}: 572784.9/20$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.752 ± 0.318 χ^2/NDF : 0.0/16

Left Out: -10.752 ± 1.312 χ^2/NDF : 0.0/0

Right Out: 10.752 ± 0.293 χ^2/NDF : 0.0/19

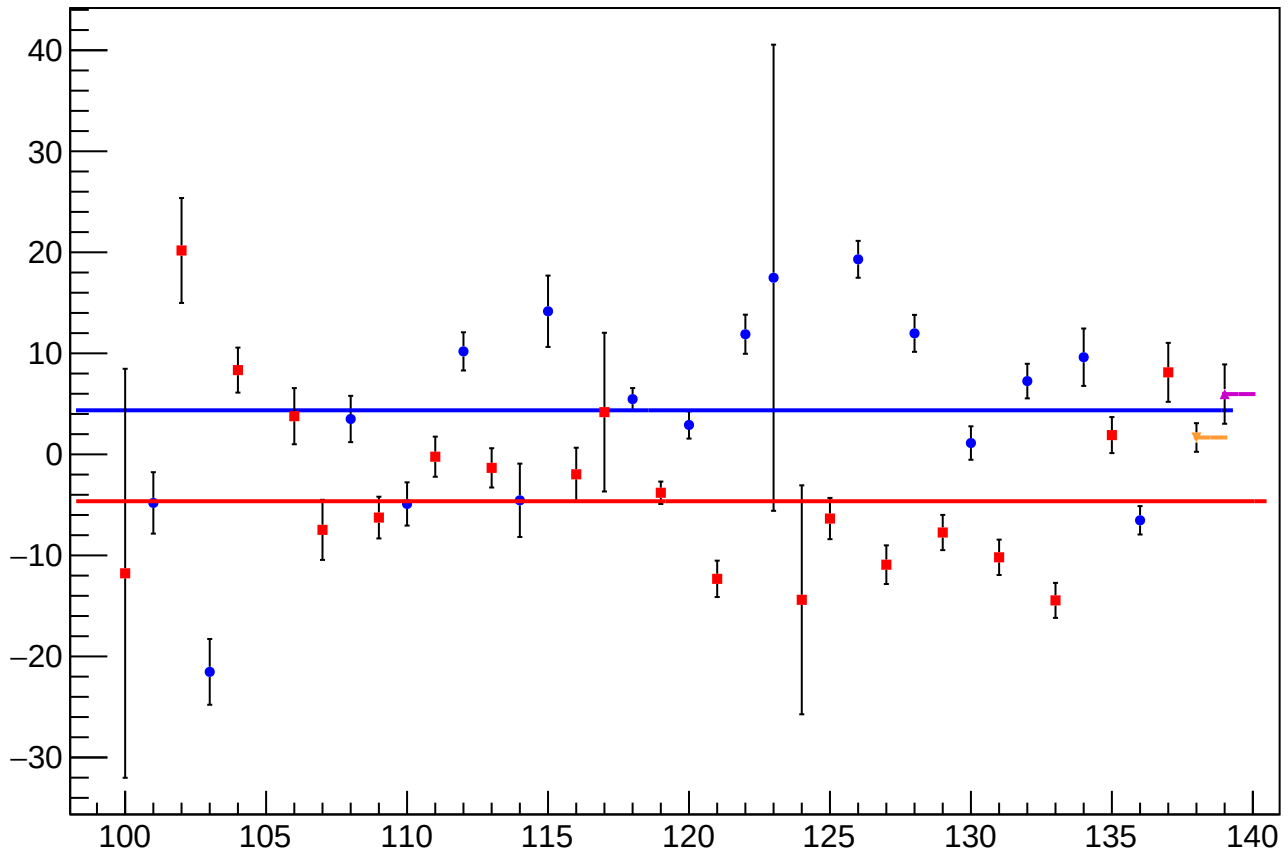
Left In: 4.941 ± 1.694 χ^2/NDF : 0.0/0

-10.752 ± 0.309 χ^2/NDF : 0.0/17

0.634 ± 0.211 χ^2/NDF : 2552.5/38

10.582 ± 0.289 χ^2/NDF : 11.4/20

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: -4.638 ± 0.473 χ^2/NDF : 186.6/19

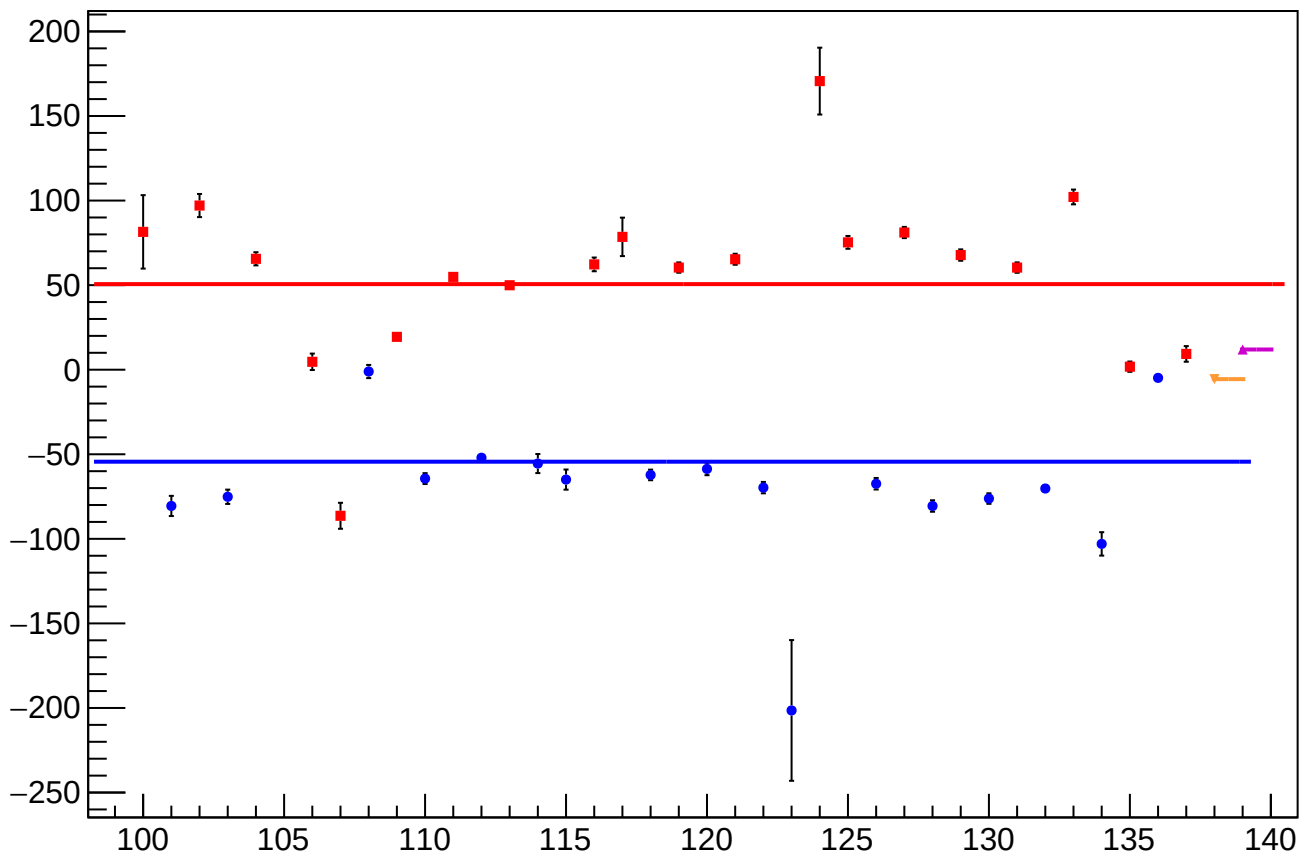
Left In: 5.968 ± 2.937 χ^2/NDF : 0.0/0

4.099 ± 0.441 χ^2/NDF : 289.8/17

0.108 ± 0.321 χ^2/NDF : 662.8/38

-4.369 ± 0.467 χ^2/NDF : 199.4/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -5.570 ± 1.423 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 50.600 ± 0.855 $\chi^2/\text{NDF}: 1330.8/19$

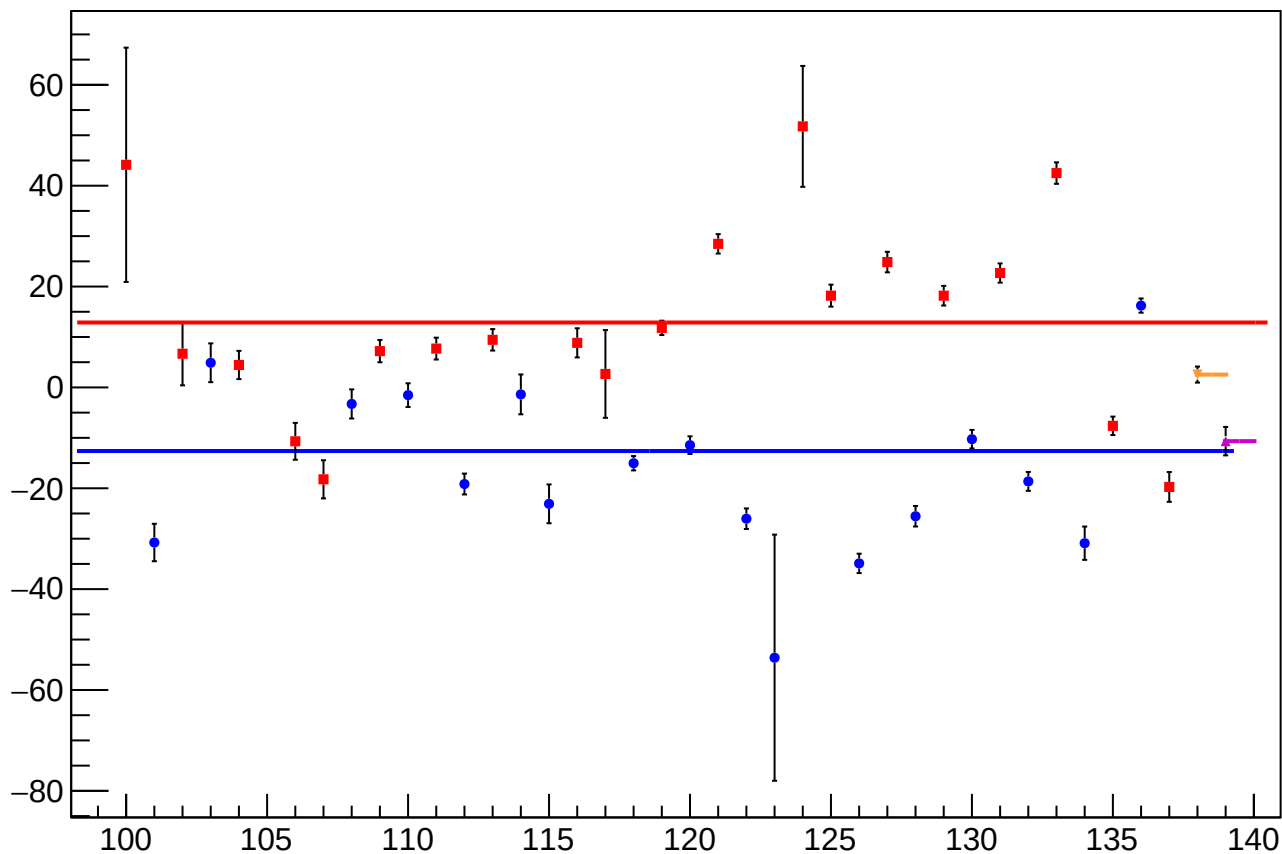
Left In: 11.944 ± 1.847 $\chi^2/\text{NDF}: 0.0/0$

-41.274 ± 0.738 $\chi^2/\text{NDF}: 1874.3/17$

-0.897 ± 0.535 $\chi^2/\text{NDF}: 9878.0/38$

43.781 ± 0.776 $\chi^2/\text{NDF}: 1691.4/20$

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: 12.873 ± 0.537 χ^2/NDF : 731.6/19

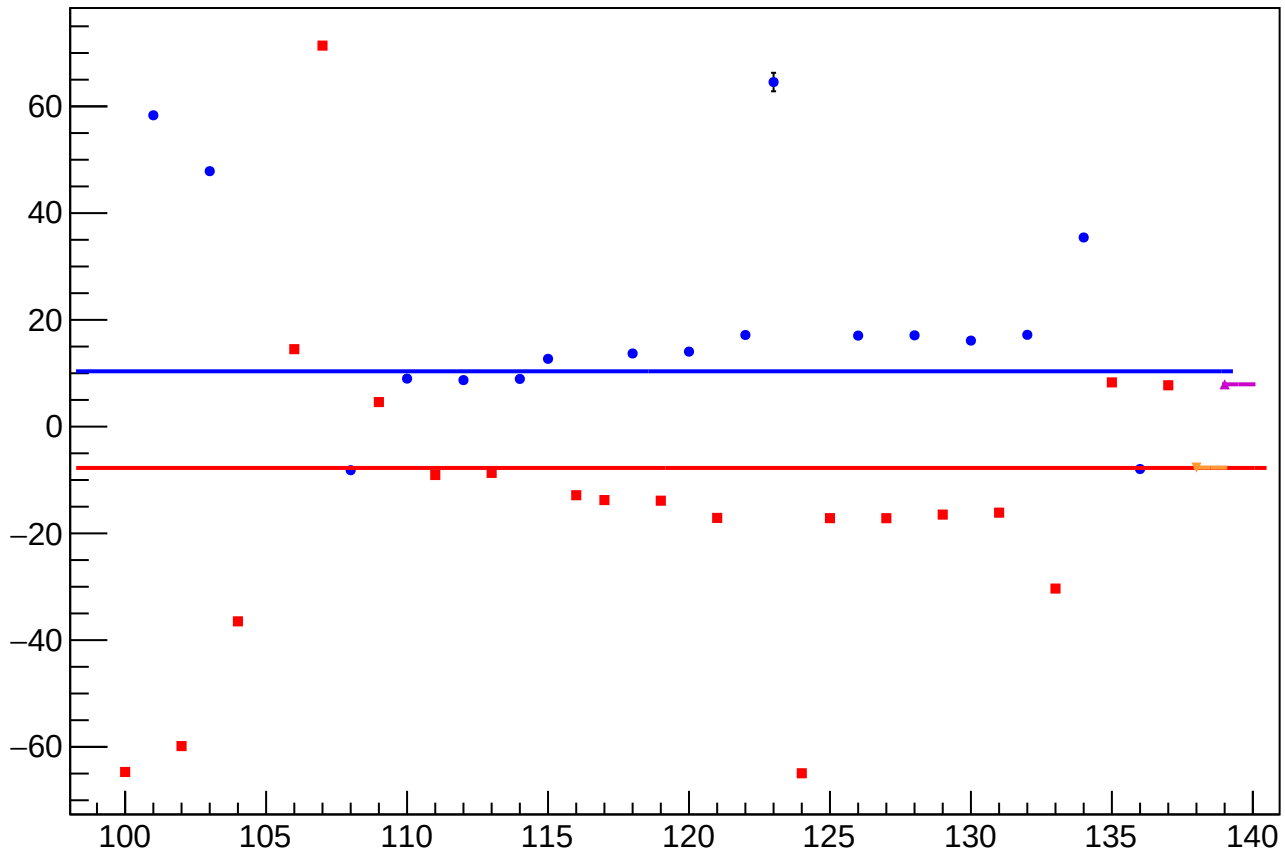
Left In: -10.656 ± 2.821 χ^2/NDF : 0.0/0

-11.097 ± 0.503 χ^2/NDF : 870.2/17

-0.079 ± 0.364 χ^2/NDF : 2677.2/38

12.049 ± 0.528 χ^2/NDF : 798.8/20

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: -7.741+/-0.031 χ^2/NDF : 545218.7/19

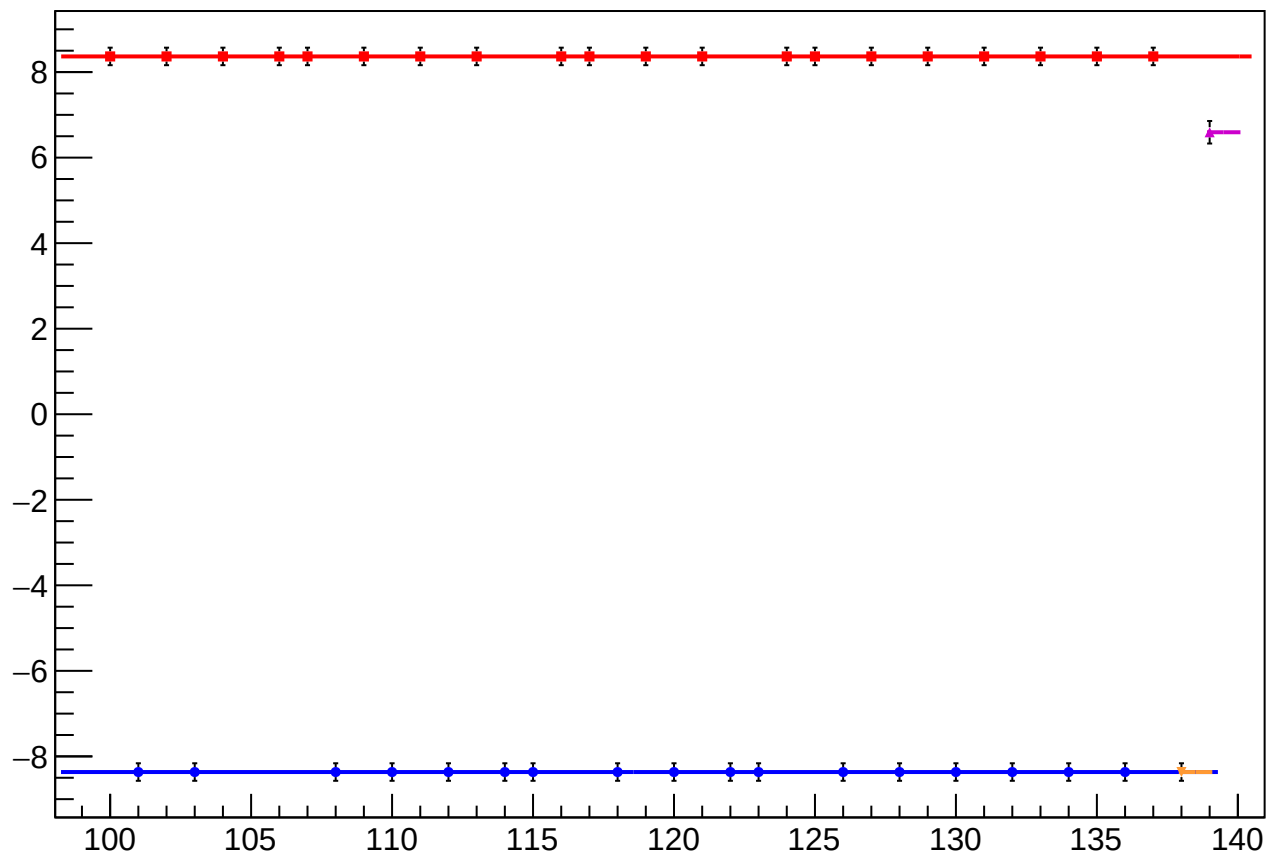
Left In: 7.924+/-0.062 χ^2/NDF : 0.0/0

6.140+/-0.027 χ^2/NDF : 462752.5/17

1.010+/-0.019 χ^2/NDF : 1135986.7/38

-4.566+/-0.028 χ^2/NDF : 596320.9/20

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected

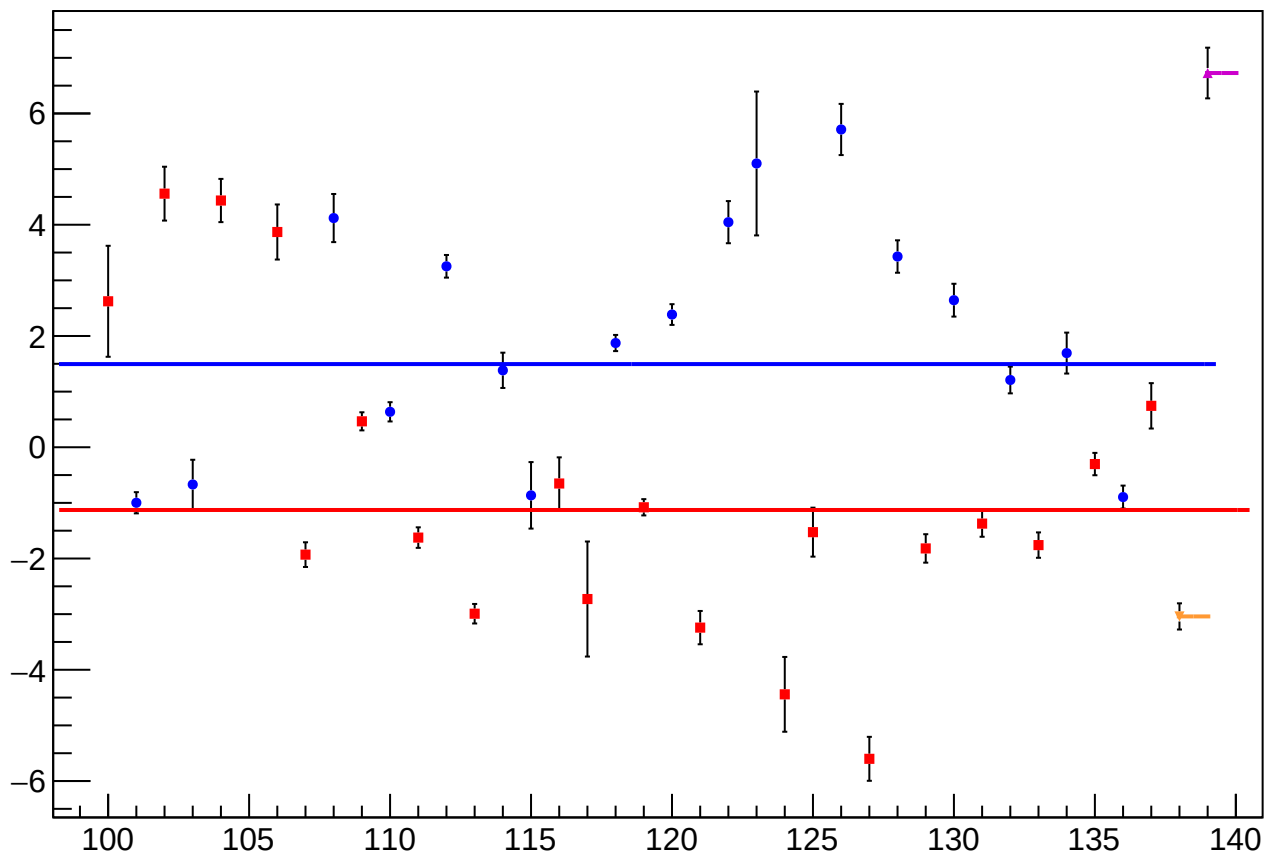


-8.366 $\pm$ 0.048 χ^2 /NDF: 0.0/17

0.537 $\pm$ 0.033 χ^2 /NDF: 63742.4/38

8.314 $\pm$ 0.045 χ^2 /NDF: 44.0/20

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 $\pm$ 0.061 χ^2 /NDF: 708.8/16

Left Out: -3.041 $\pm$ 0.235 χ^2 /NDF: 0.0/0

Right Out: -1.128 $\pm$ 0.058 χ^2 /NDF: 948.9/19

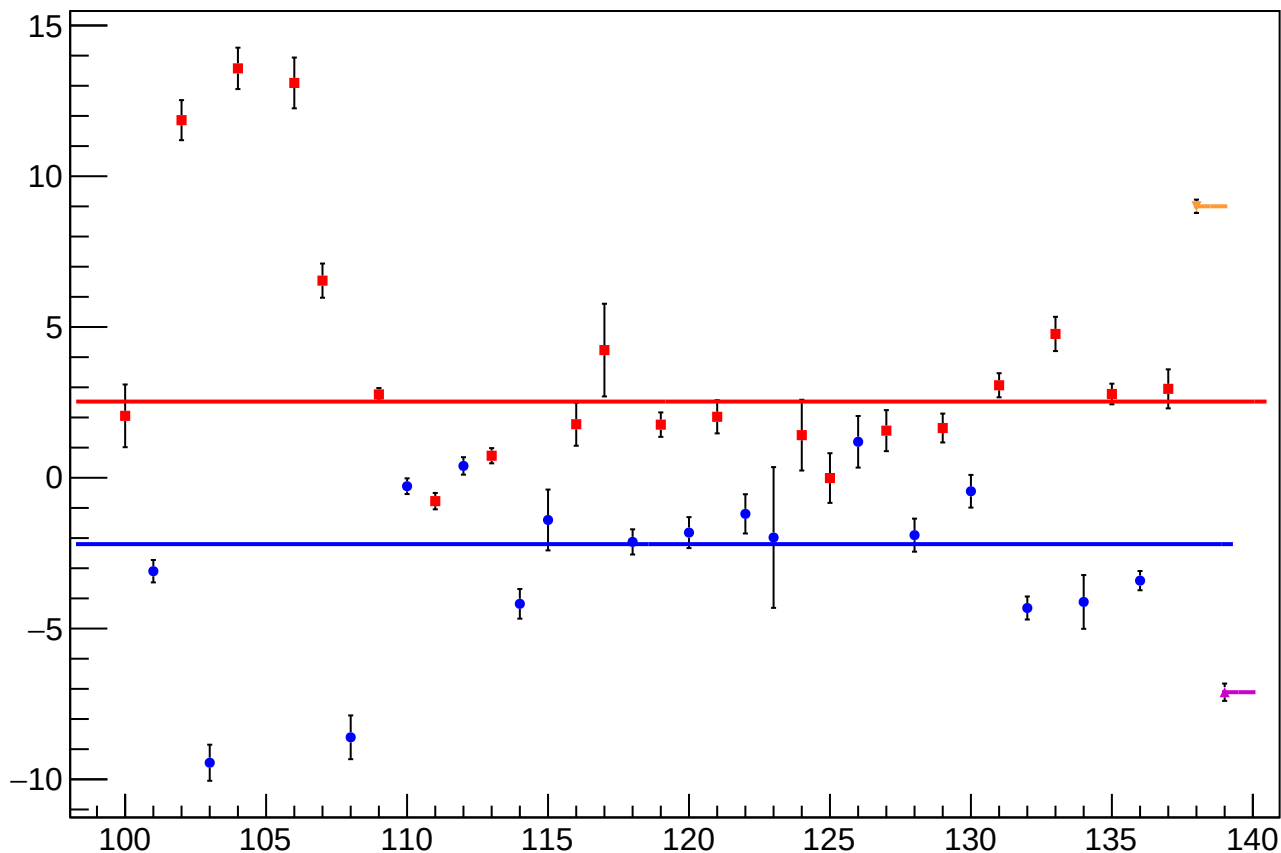
Left In: 6.727 $\pm$ 0.456 χ^2 /NDF: 0.0/0

1.209 $\pm$ 0.059 χ^2 /NDF: 1056.7/17

0.076 $\pm$ 0.041 χ^2 /NDF: 3015.1/38

-1.002 $\pm$ 0.058 χ^2 /NDF: 1241.3/20

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: 2.527+/-0.099 χ^2/NDF : 904.5/19

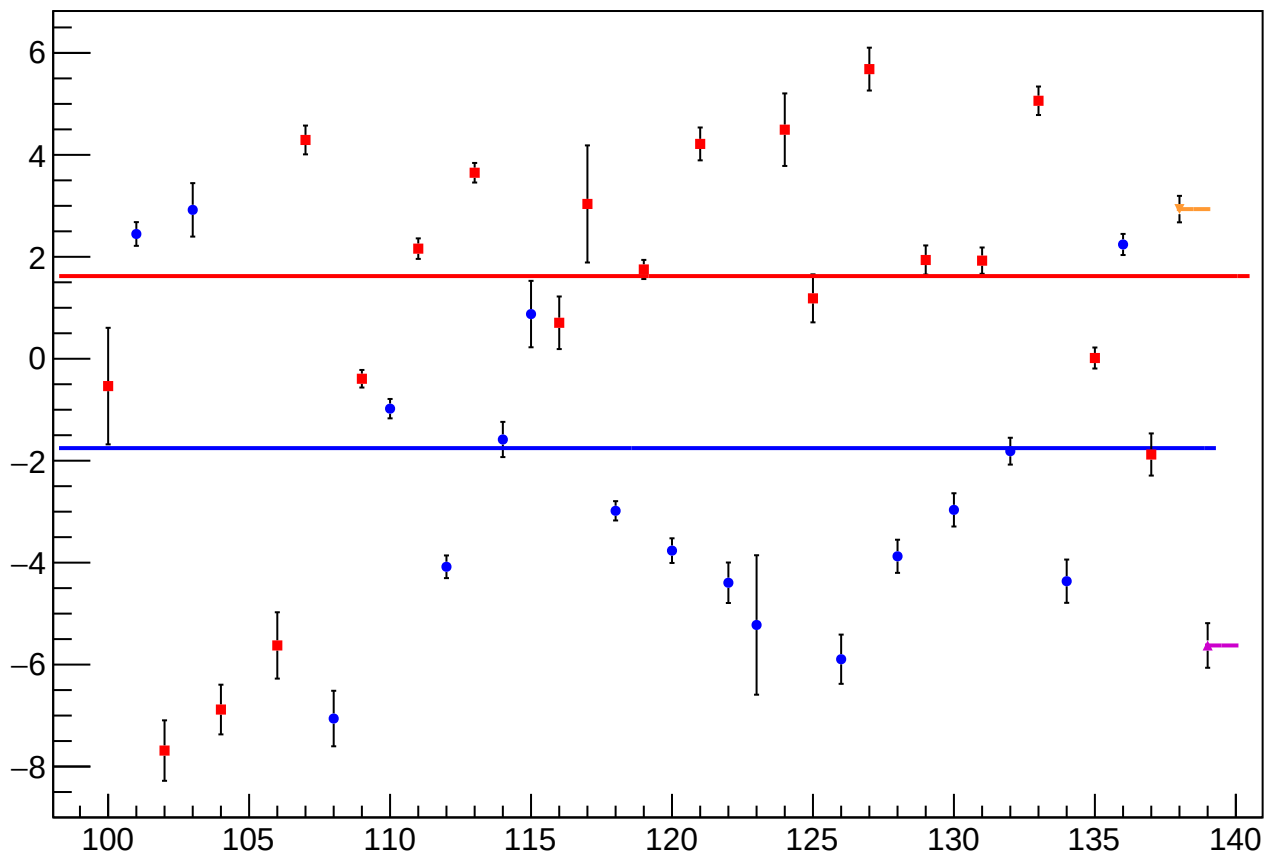
Left In: -7.111+/-0.287 χ^2/NDF : 0.0/0

0.020+/-0.099 χ^2/NDF : 2494.9/17

0.808+/-0.068 χ^2/NDF : 4526.2/38

1.508+/-0.093 χ^2/NDF : 1911.7/20

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753 $\pm$ 0.070 χ^2/NDF : 1345.0/16

Left Out: 2.936 $\pm$ 0.260 χ^2/NDF : 0.0/0

Right Out: 1.622 $\pm$ 0.066 χ^2/NDF : 1489.1/19

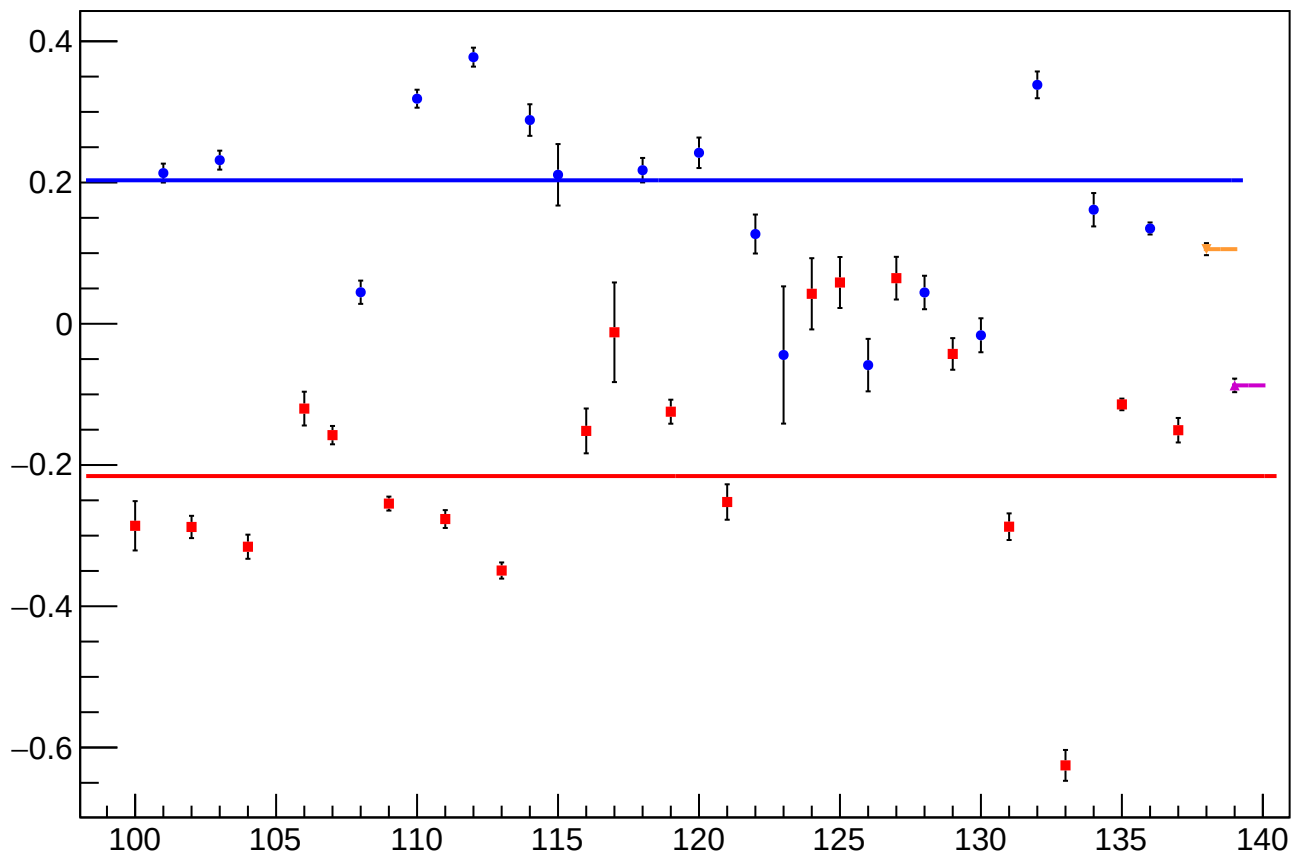
Left In: -5.625 $\pm$ 0.438 χ^2/NDF : 0.0/0

-1.433 $\pm$ 0.068 χ^2/NDF : 1648.7/17

0.079 $\pm$ 0.047 χ^2/NDF : 4357.2/38

1.463 $\pm$ 0.065 χ^2/NDF : 1757.3/20

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: 1075.7/19

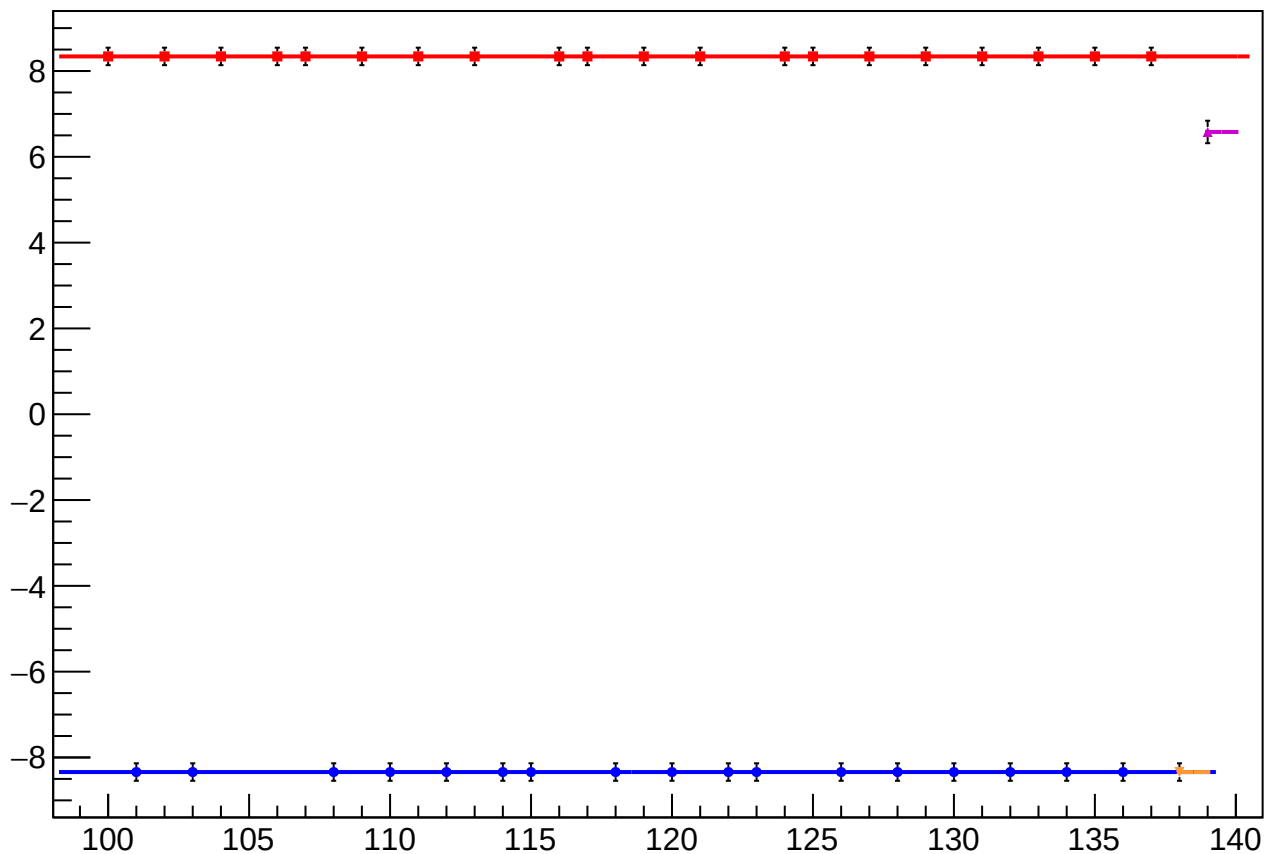
Left In: -0.087 $\pm$ 0.010 χ^2 /NDF: 0.0/0

0.185 $\pm$ 0.004 χ^2 /NDF: 782.6/17

-0.022 $\pm$ 0.003 χ^2 /NDF: 7748.3/38

-0.199 $\pm$ 0.003 χ^2 /NDF: 1231.2/20

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.340 $\pm$ 0.049 χ^2 /NDF: 0.0/16

Left Out: -8.340 $\pm$ 0.204 χ^2 /NDF: 0.0/0

Right Out: 8.340 $\pm$ 0.046 χ^2 /NDF: 0.0/19

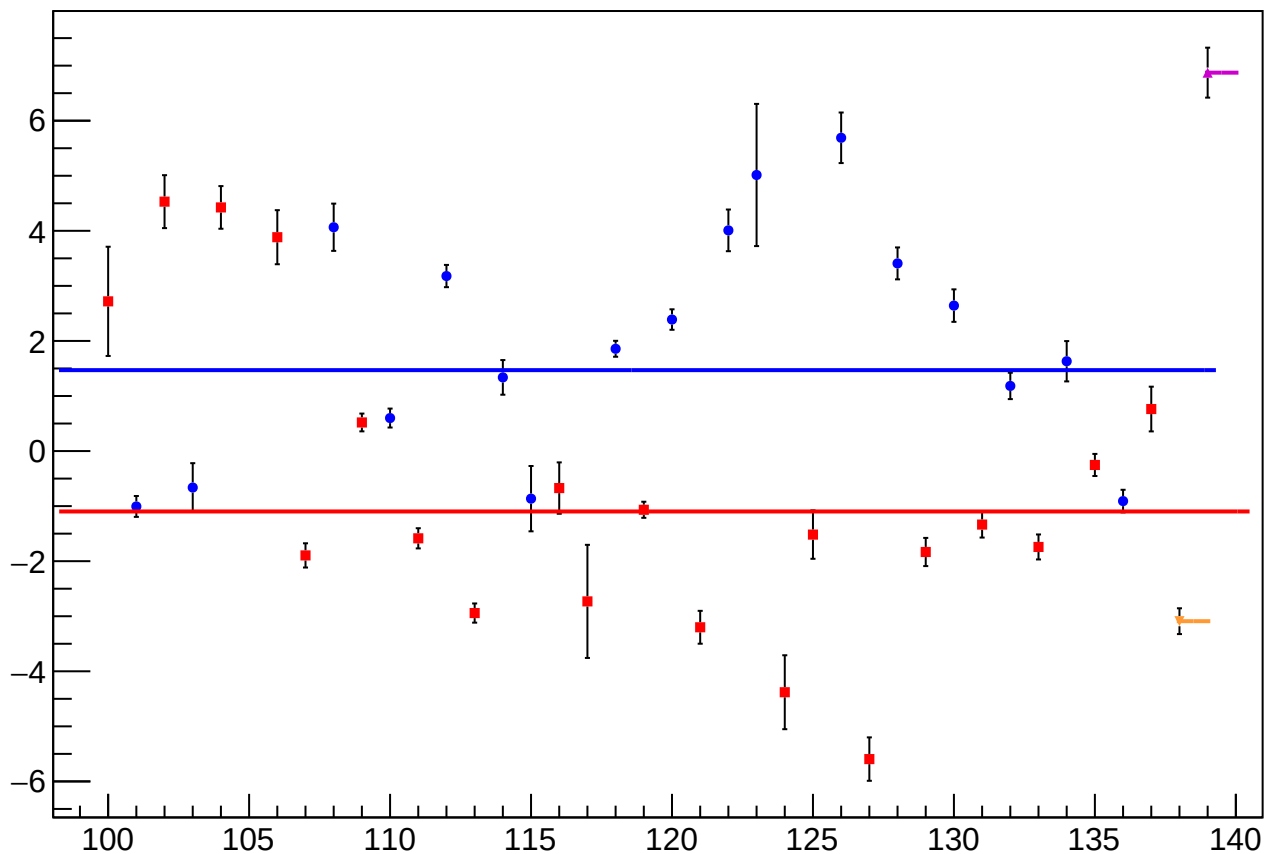
Left In: 6.580 $\pm$ 0.262 χ^2 /NDF: 0.0/0

-8.340 $\pm$ 0.048 χ^2 /NDF: 0.0/17

0.535 $\pm$ 0.033 χ^2 /NDF: 63888.0/38

8.288 $\pm$ 0.045 χ^2 /NDF: 43.8/20

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: -1.097 ± 0.058 χ^2/NDF : 954.6/19

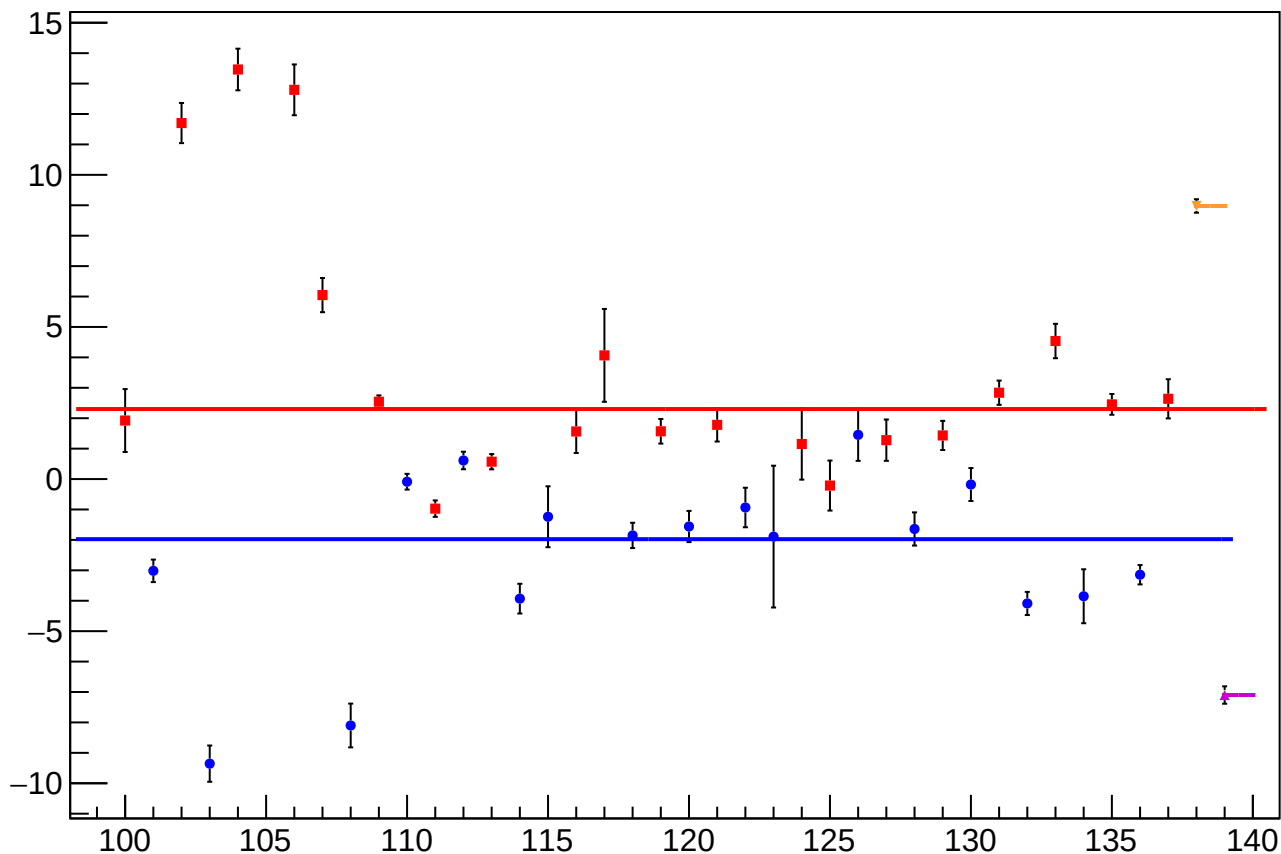
Left In: 6.873 ± 0.454 χ^2/NDF : 0.0/0

1.182 ± 0.059 χ^2/NDF : 1062.4/17

0.079 ± 0.041 χ^2/NDF : 3006.1/38

-0.970 ± 0.057 χ^2/NDF : 1258.3/20

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977 $\pm$ 0.110 χ^2/NDF : 463.8/16

Left Out: 8.977 $\pm$ 0.222 χ^2/NDF : 0.0/0

Right Out: 2.302 $\pm$ 0.098 χ^2/NDF : 907.9/19

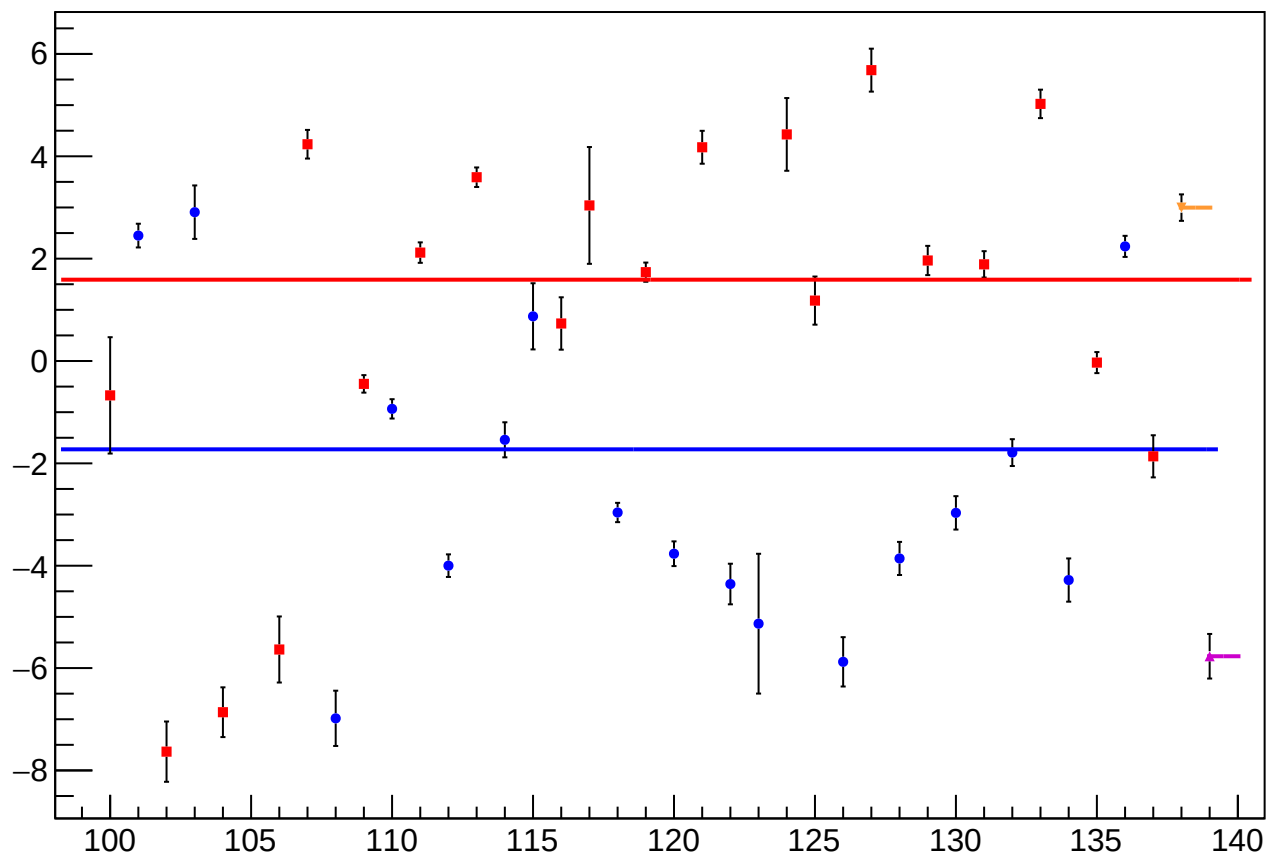
Left In: -7.099 $\pm$ 0.286 χ^2/NDF : 0.0/0

0.192 $\pm$ 0.099 χ^2/NDF : 2425.1/17

0.784 $\pm$ 0.068 χ^2/NDF : 4367.9/38

1.310 $\pm$ 0.093 χ^2/NDF : 1874.7/20

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726 $\pm$ 0.070 χ^2/NDF : 1341.5/16

Left Out: 2.997 $\pm$ 0.259 χ^2/NDF : 0.0/0

Right Out: 1.589 $\pm$ 0.065 χ^2/NDF : 1494.5/19

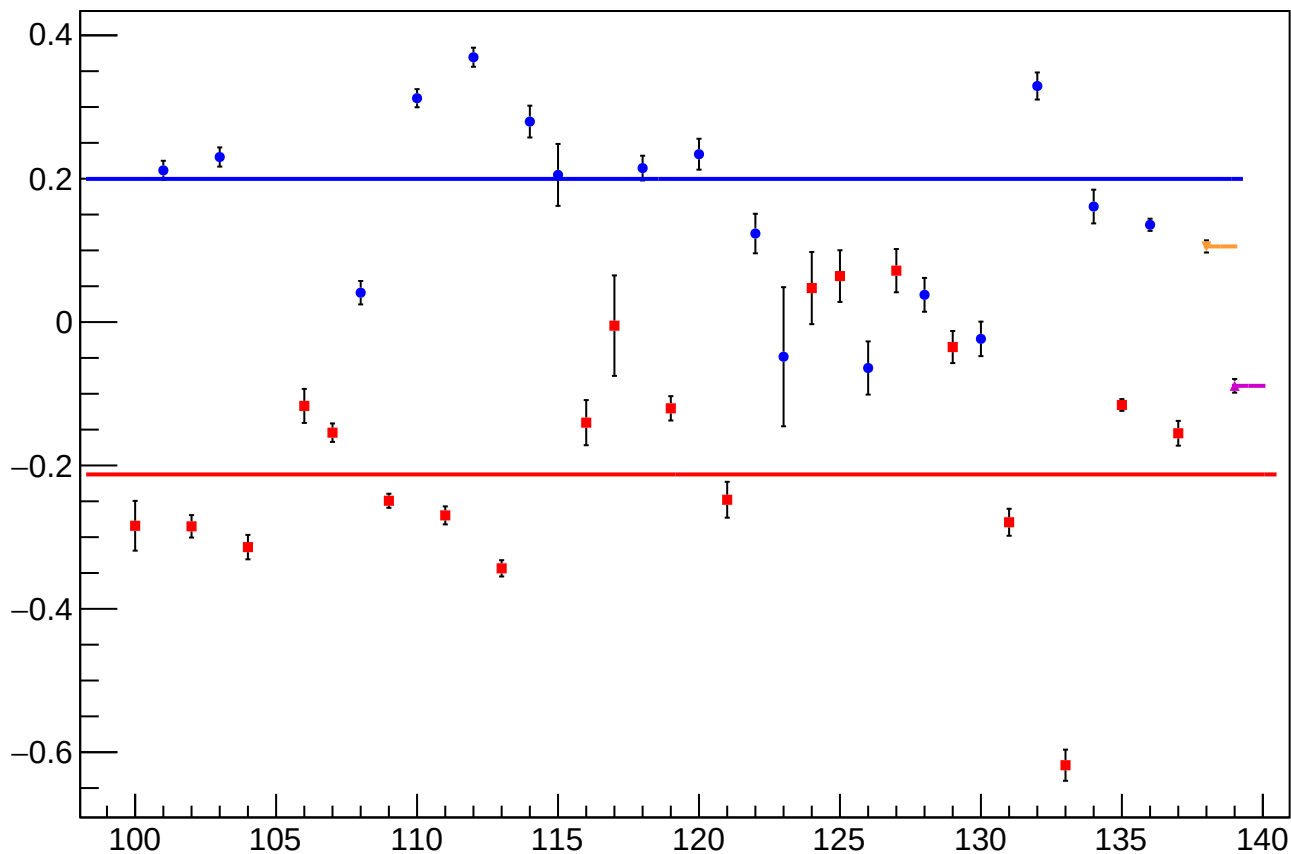
Left In: -5.769 $\pm$ 0.436 χ^2/NDF : 0.0/0

-1.404 $\pm$ 0.068 χ^2/NDF : 1652.2/17

0.075 $\pm$ 0.047 χ^2/NDF : 4343.3/38

1.427 $\pm$ 0.065 χ^2/NDF : 1773.4/20

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.106 ± 0.009 χ^2/NDF : 0.0/0

Right Out: -0.213 ± 0.004 χ^2/NDF : 1059.7/19

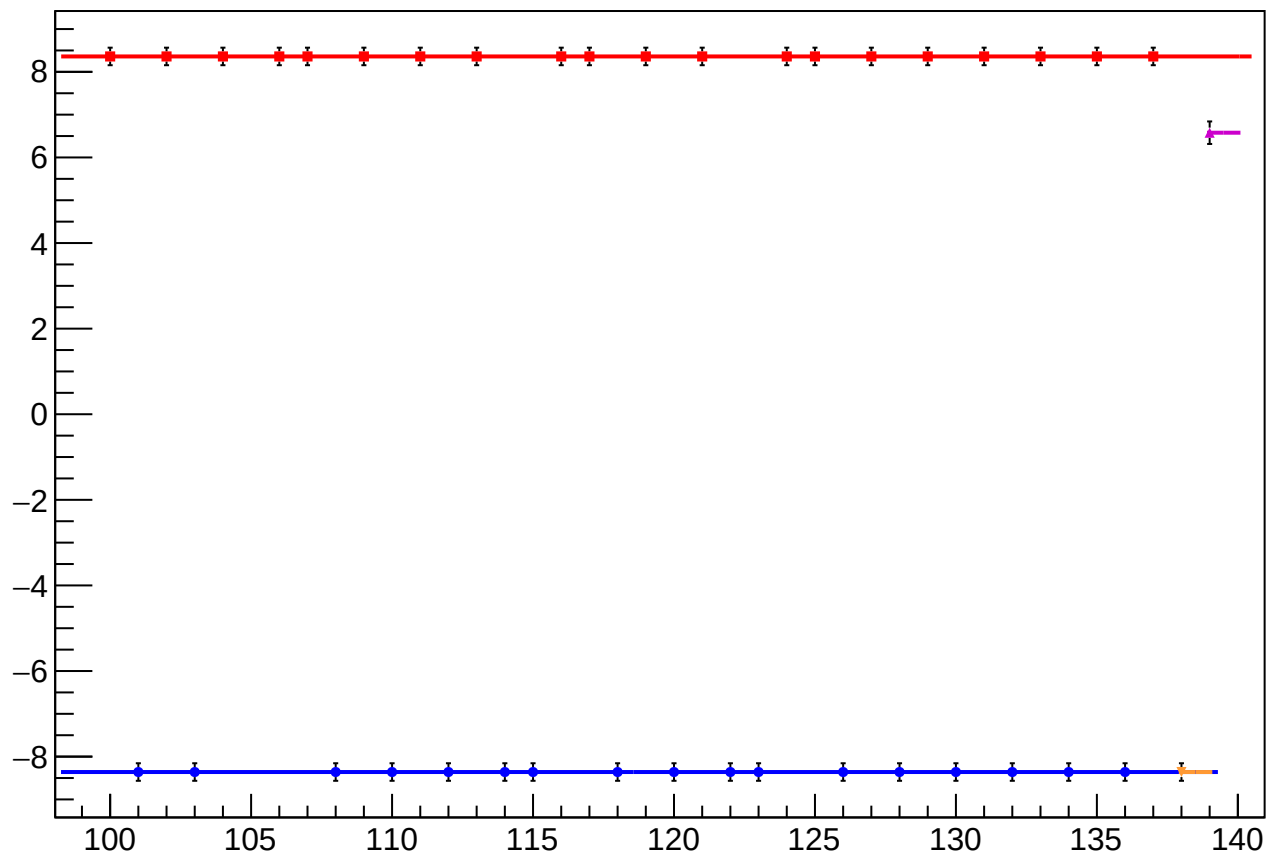
Left In: -0.089 ± 0.010 χ^2/NDF : 0.0/0

0.182 ± 0.004 χ^2/NDF : 761.9/17

-0.022 ± 0.003 χ^2/NDF : 7598.4/38

-0.197 ± 0.003 χ^2/NDF : 1205.0/20

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.360 $\pm$ 0.050 χ^2 /NDF: 0.0/16

Left Out: -8.360 $\pm$ 0.205 χ^2 /NDF: 0.0/0

Right Out: 8.360 $\pm$ 0.046 χ^2 /NDF: 0.0/19

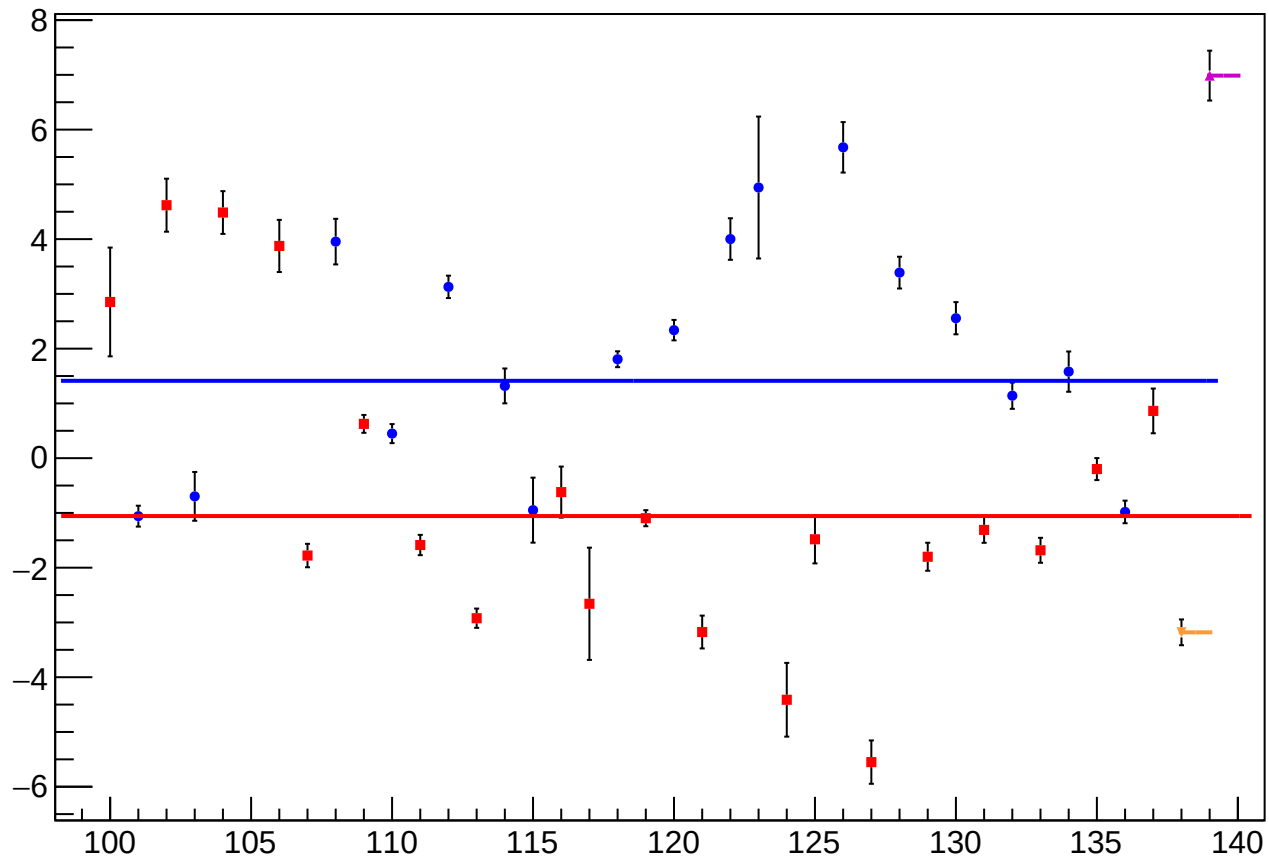
Left In: 6.578 $\pm$ 0.263 χ^2 /NDF: 0.0/0

-8.360 $\pm$ 0.048 χ^2 /NDF: 0.0/17

0.536 $\pm$ 0.033 χ^2 /NDF: 63571.6/38

8.308 $\pm$ 0.045 χ^2 /NDF: 44.5/20

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: -1.057+/-0.058 χ^2/NDF : 965.8/19

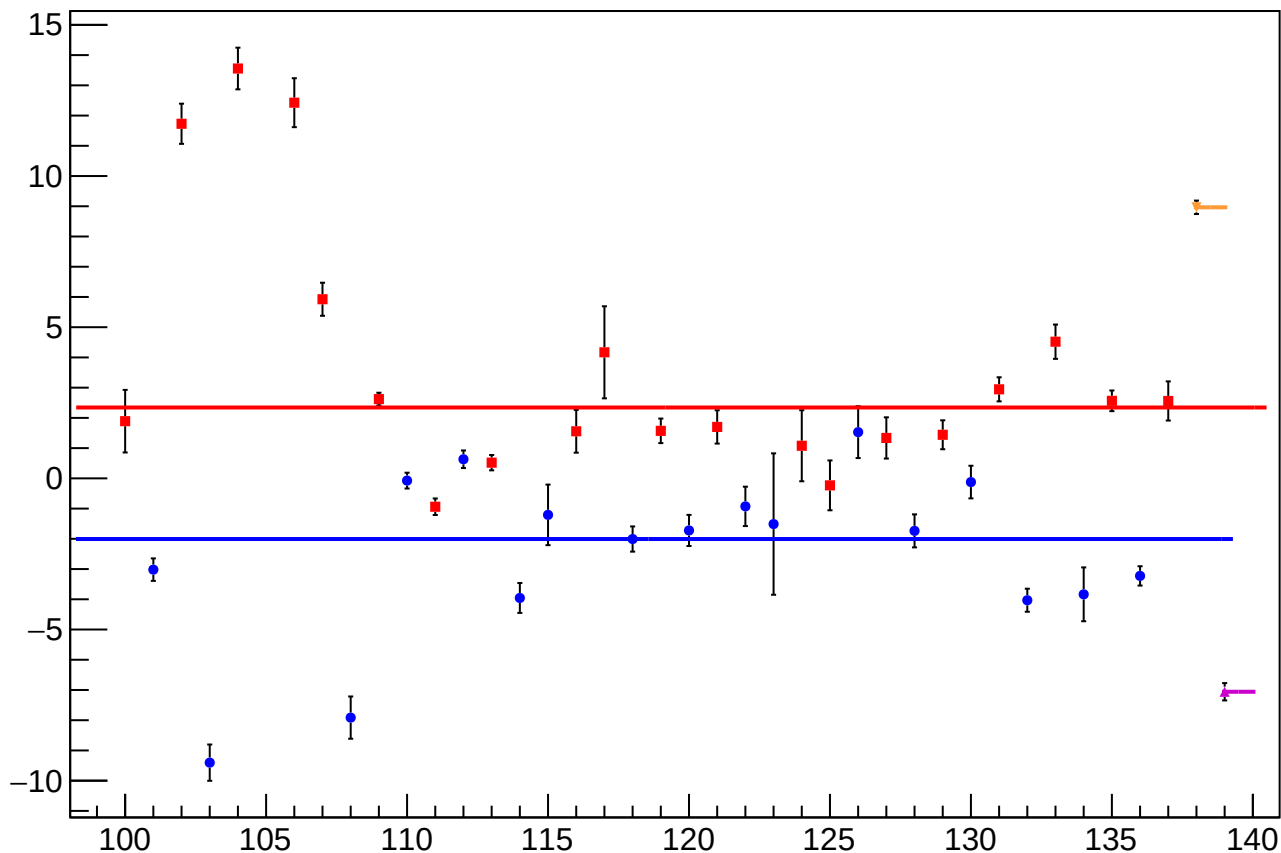
Left In: 6.986+/-0.455 χ^2/NDF : 0.0/0

1.123+/-0.059 χ^2/NDF : 1070.2/17

0.069+/-0.041 χ^2/NDF : 2961.9/38

-0.929+/-0.058 χ^2/NDF : 1272.8/20

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.006 $\pm$ 0.111 χ^2/NDF : 463.3/16

Left Out: 8.966 $\pm$ 0.223 χ^2/NDF : 0.0/0

Right Out: 2.344 $\pm$ 0.099 χ^2/NDF : 902.6/19

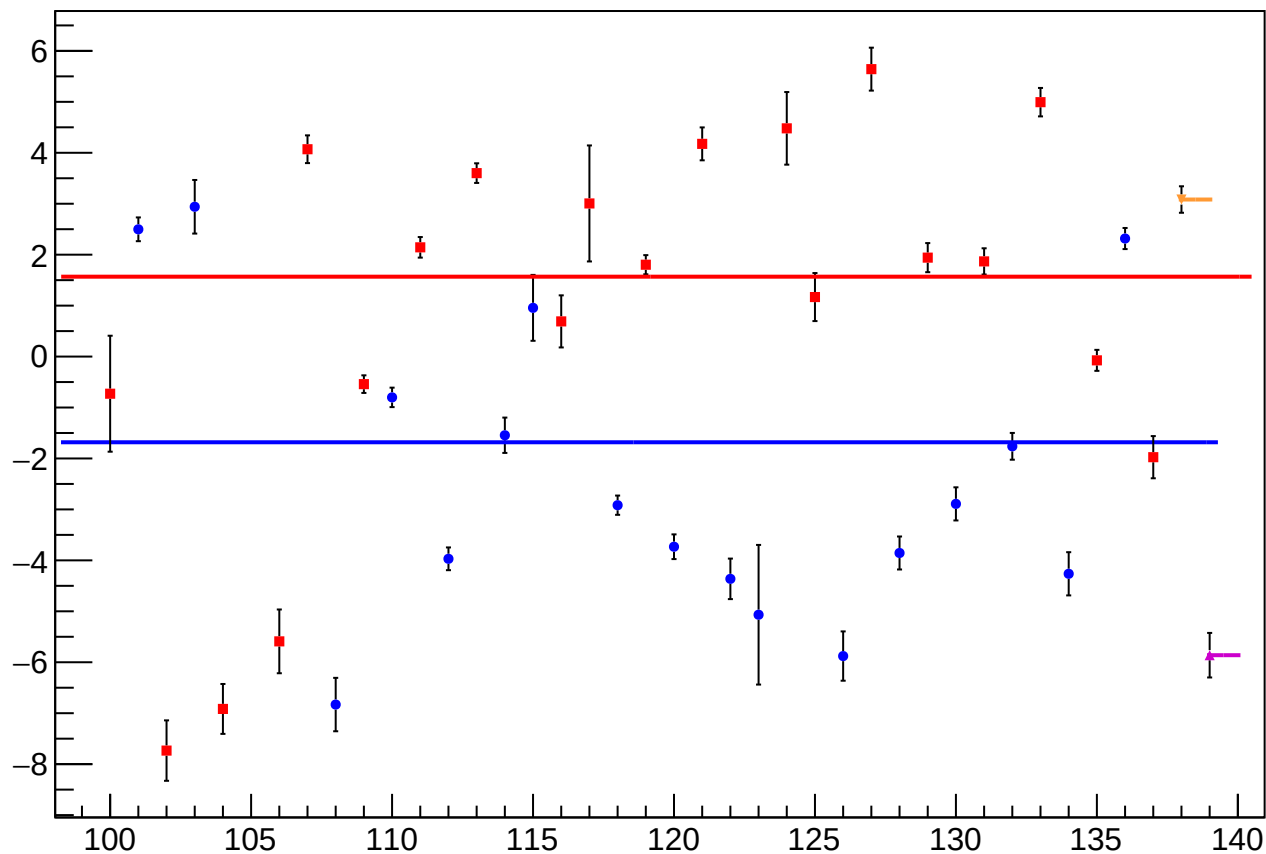
Left In: -7.059 $\pm$ 0.287 χ^2/NDF : 0.0/0

0.167 $\pm$ 0.099 χ^2/NDF : 2411.9/17

0.793 $\pm$ 0.068 χ^2/NDF : 4349.9/38

1.350 $\pm$ 0.093 χ^2/NDF : 1862.5/20

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682 $\pm$ 0.070 χ^2/NDF : 1347.8/16

Left Out: 3.083 $\pm$ 0.260 χ^2/NDF : 0.0/0

Right Out: 1.568 $\pm$ 0.066 χ^2/NDF : 1506.3/19

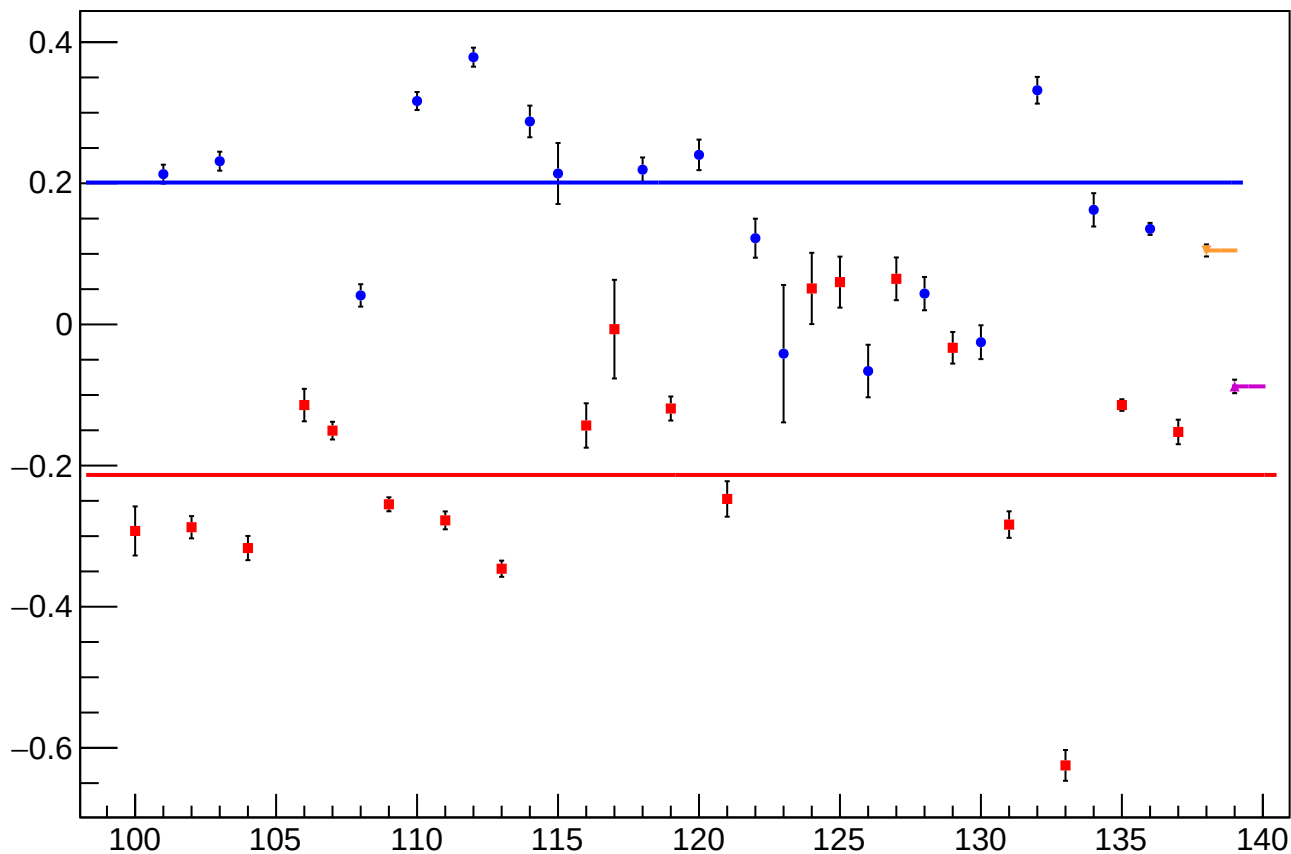
Left In: -5.862 $\pm$ 0.437 χ^2/NDF : 0.0/0

-1.357 $\pm$ 0.068 χ^2/NDF : 1661.0/17

0.088 $\pm$ 0.047 χ^2/NDF : 4316.2/38

1.405 $\pm$ 0.065 χ^2/NDF : 1788.6/20

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: -0.213 $\pm$ 0.004 χ^2 /NDF: 1091.9/19

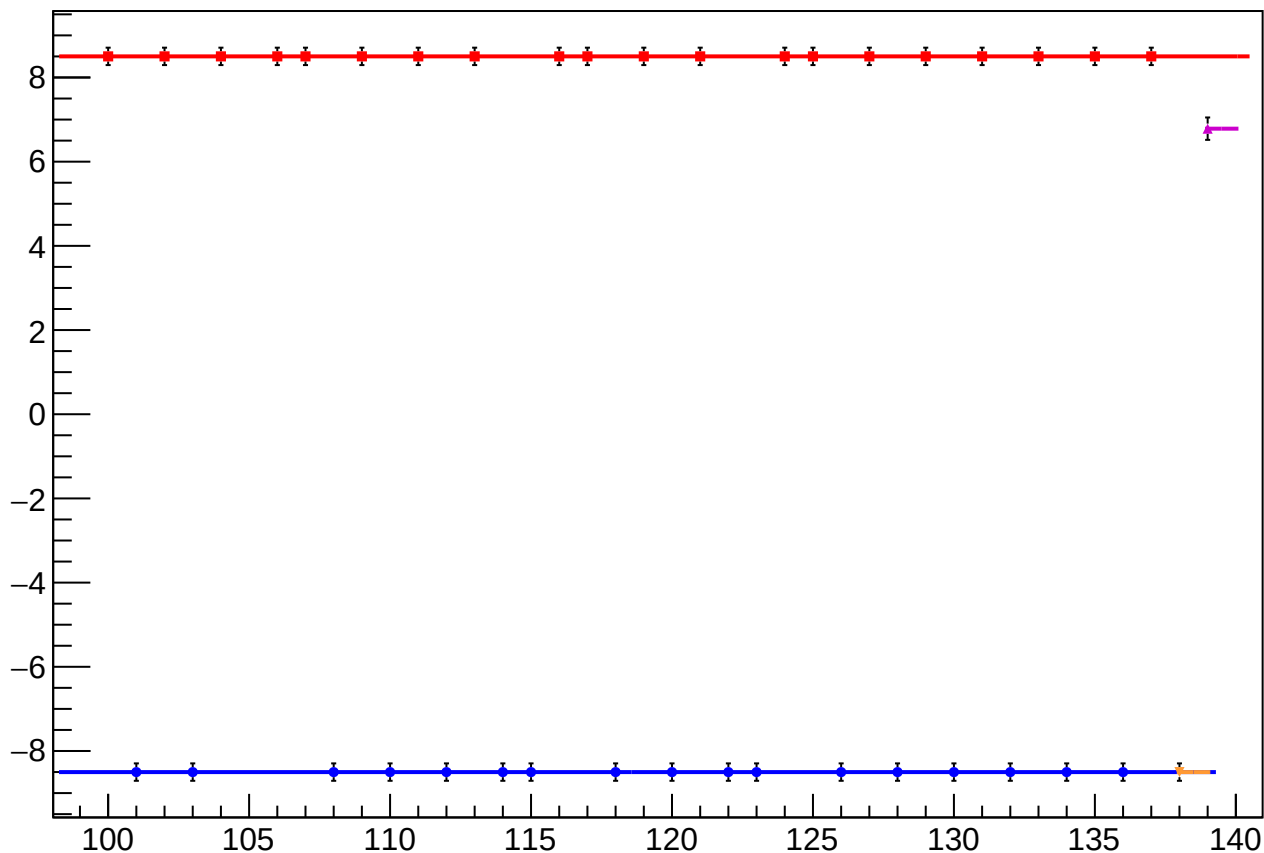
Left In: -0.088 $\pm$ 0.010 χ^2 /NDF: 0.0/0

0.183 $\pm$ 0.004 χ^2 /NDF: 794.1/17

-0.022 $\pm$ 0.003 χ^2 /NDF: 7678.5/38

-0.197 $\pm$ 0.003 χ^2 /NDF: 1240.7/20

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.501 $\pm$ 0.050 χ^2/NDF : 0.0/16

Left Out: -8.501 $\pm$ 0.207 χ^2/NDF : 0.0/0

Right Out: 8.501 $\pm$ 0.046 χ^2/NDF : 0.0/19

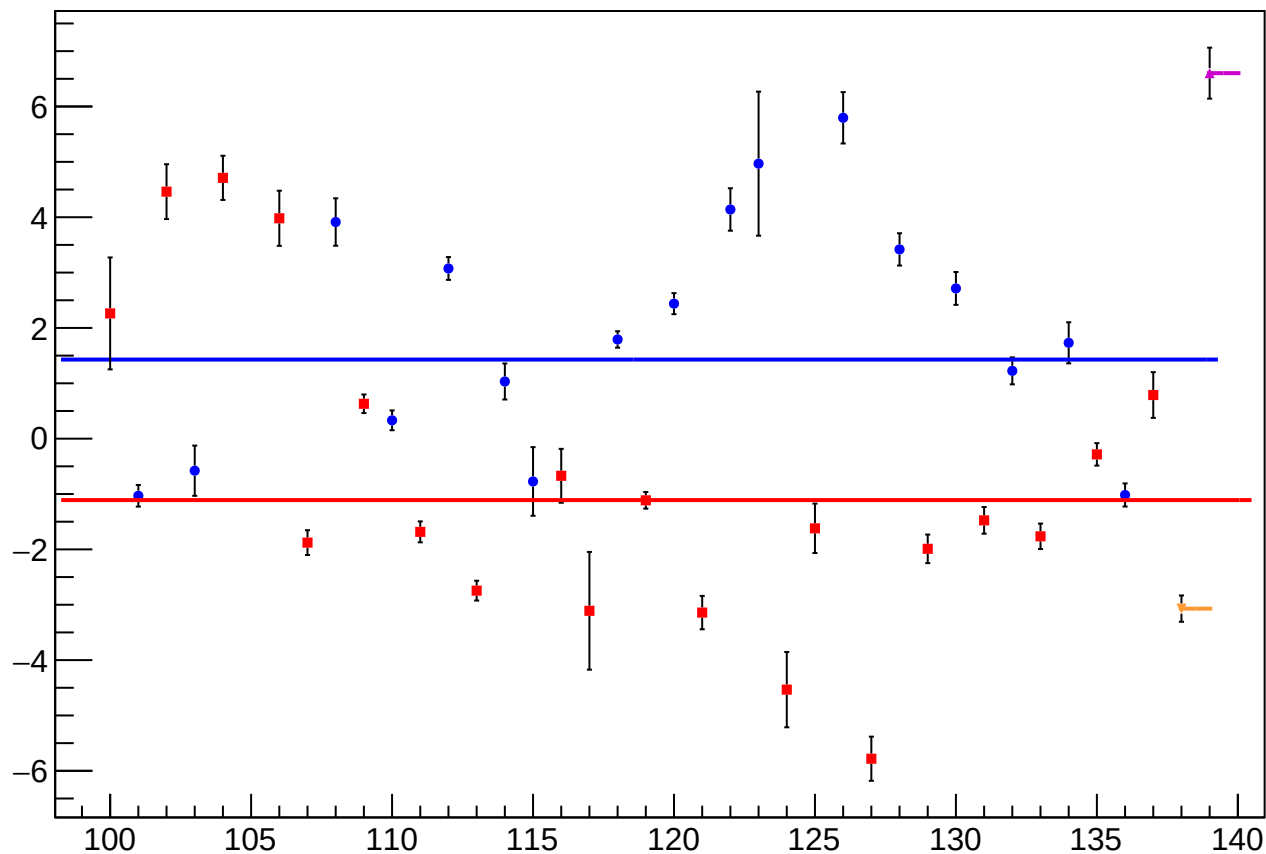
Left In: 6.784 $\pm$ 0.266 χ^2/NDF : 0.0/0

-8.501 $\pm$ 0.049 χ^2/NDF : 0.0/17

0.547 $\pm$ 0.033 χ^2/NDF : 64607.9/38

8.451 $\pm$ 0.046 χ^2/NDF : 40.5/20

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: -1.110 $\pm$ 0.059 χ^2 /NDF: 940.1/19

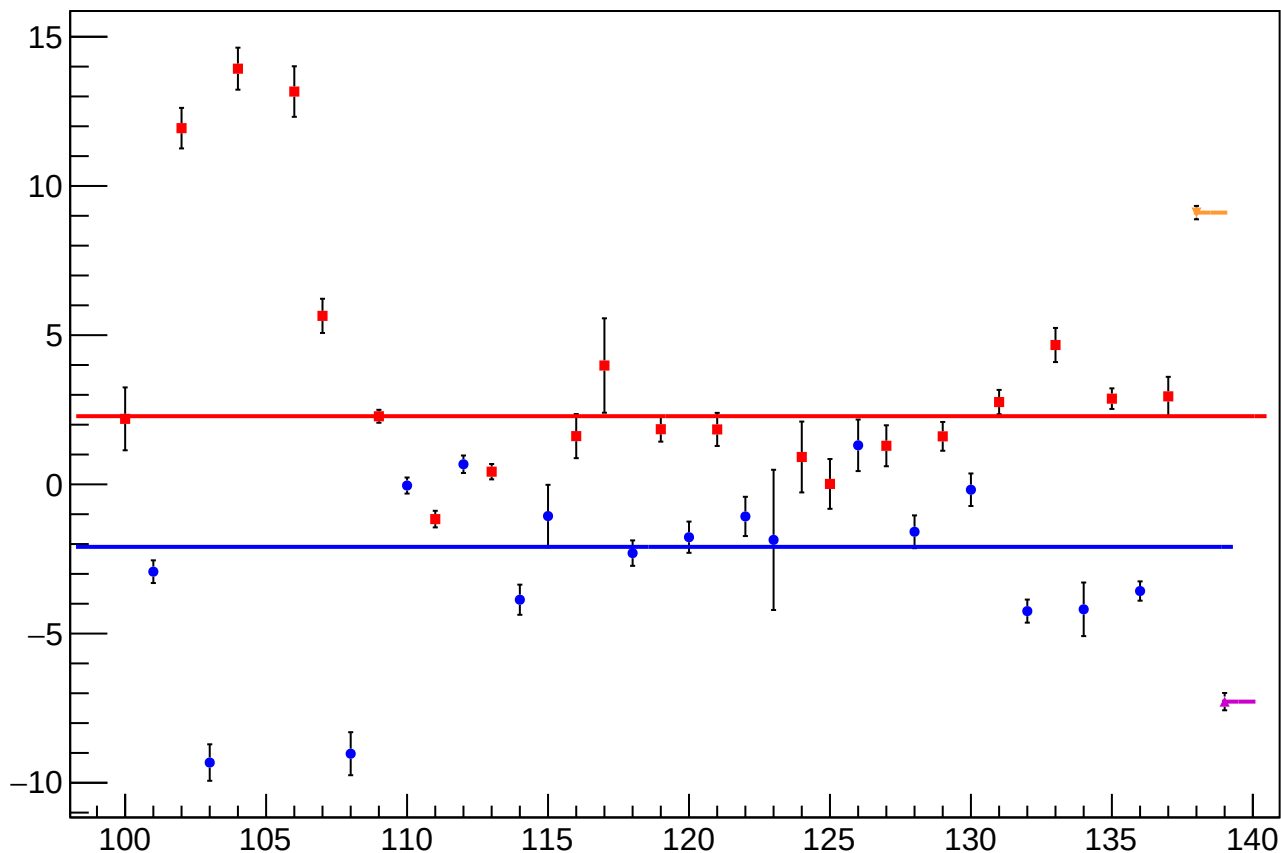
Left In: 6.602 $\pm$ 0.460 χ^2 /NDF: 0.0/0

1.140 $\pm$ 0.060 χ^2 /NDF: 1047.3/17

0.053 $\pm$ 0.042 χ^2 /NDF: 2902.4/38

-0.984 $\pm$ 0.059 χ^2 /NDF: 1216.3/20

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094 $\pm$ 0.113 χ^2/NDF : 486.5/16

Left Out: 9.107 $\pm$ 0.225 χ^2/NDF : 0.0/0

Right Out: 2.285 $\pm$ 0.101 χ^2/NDF : 919.7/19

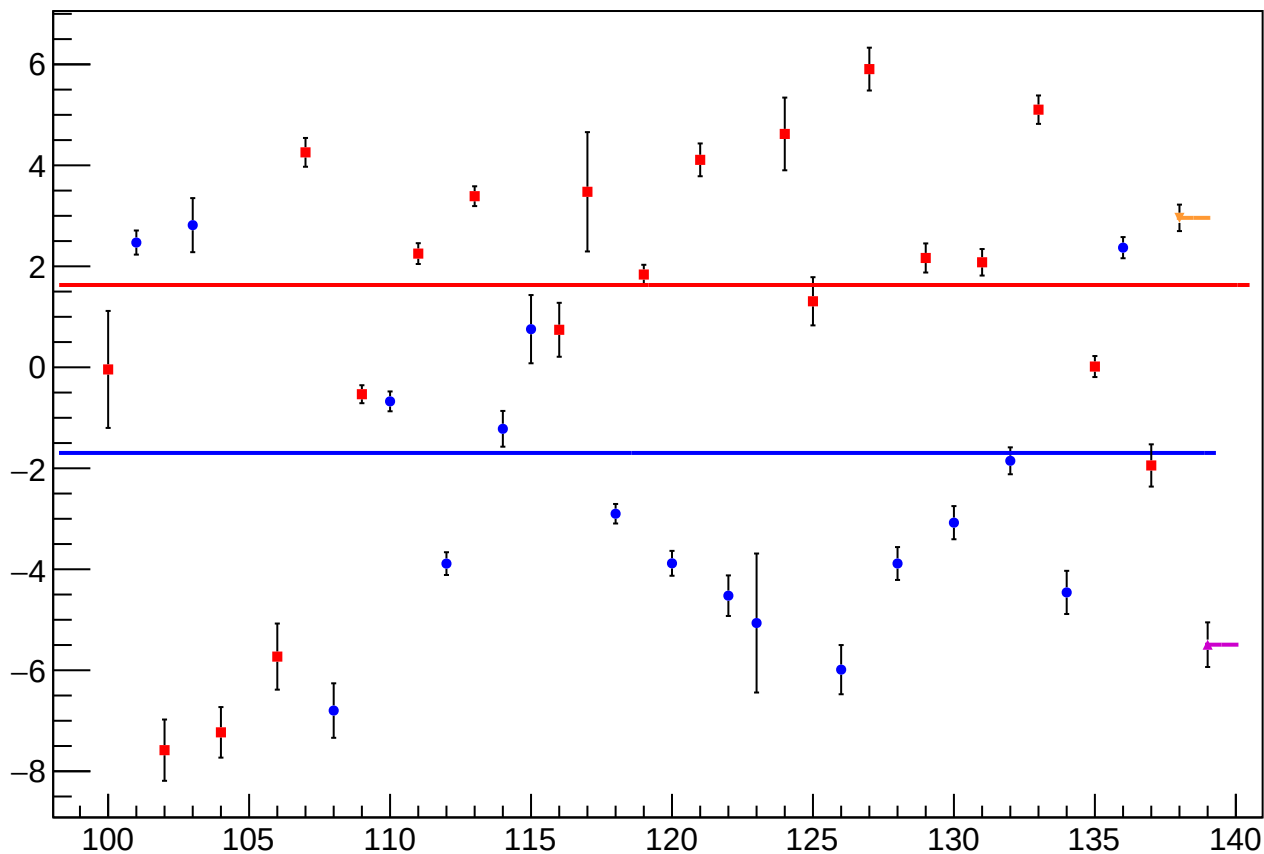
Left In: -7.281 $\pm$ 0.290 χ^2/NDF : 0.0/0

0.156 $\pm$ 0.101 χ^2/NDF : 2475.0/17

0.736 $\pm$ 0.069 χ^2/NDF : 4427.7/38

1.254 $\pm$ 0.095 χ^2/NDF : 1889.9/20

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: 1.630 ± 0.067 χ^2/NDF : 1469.8/19

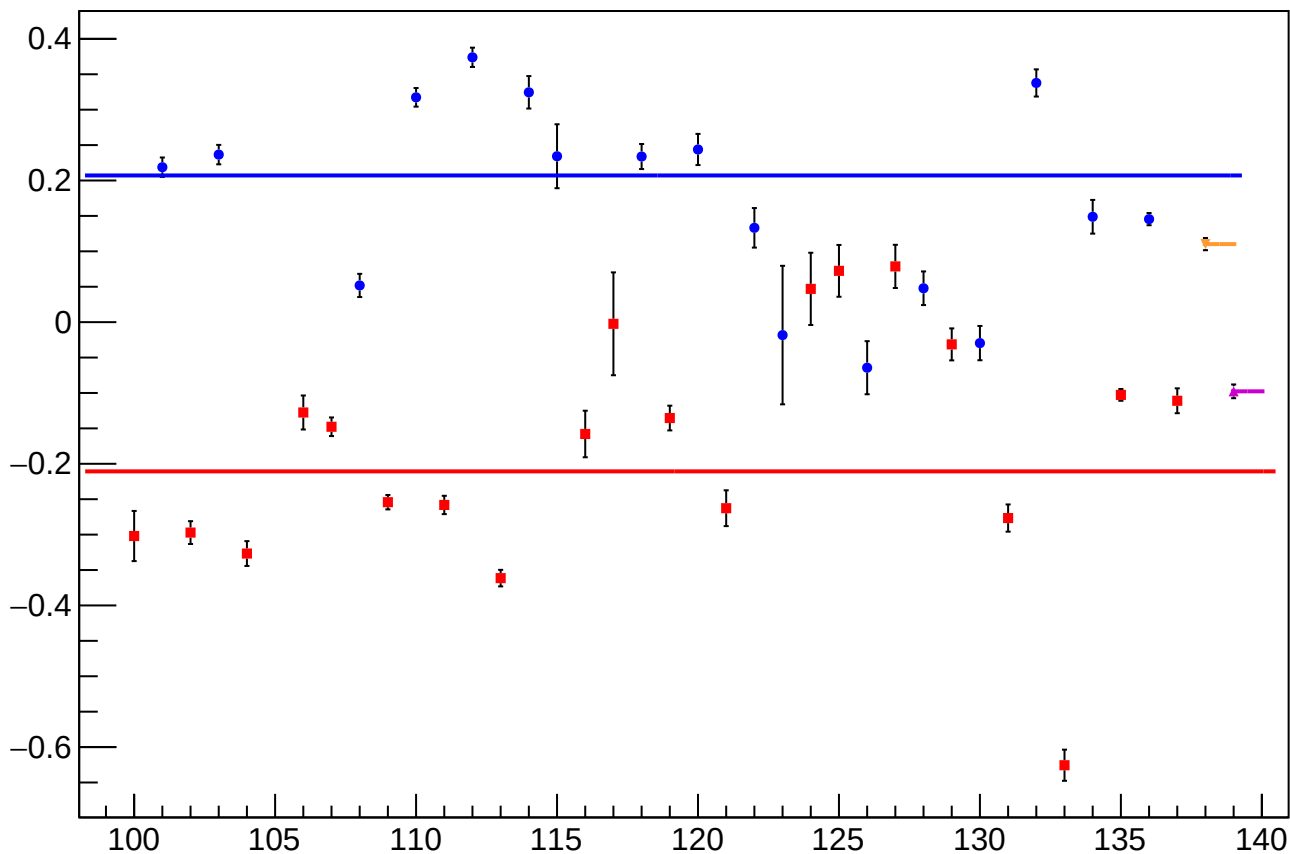
Left In: -5.493 ± 0.442 χ^2/NDF : 0.0/0

-1.373 ± 0.069 χ^2/NDF : 1627.0/17

0.110 ± 0.048 χ^2/NDF : 4236.3/38

1.471 ± 0.066 χ^2/NDF : 1723.7/20

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 ± 0.004 χ^2/NDF : 656.3/16

Left Out: 0.110 ± 0.009 χ^2/NDF : 0.0/0

Right Out: -0.211 ± 0.004 χ^2/NDF : 1153.9/19

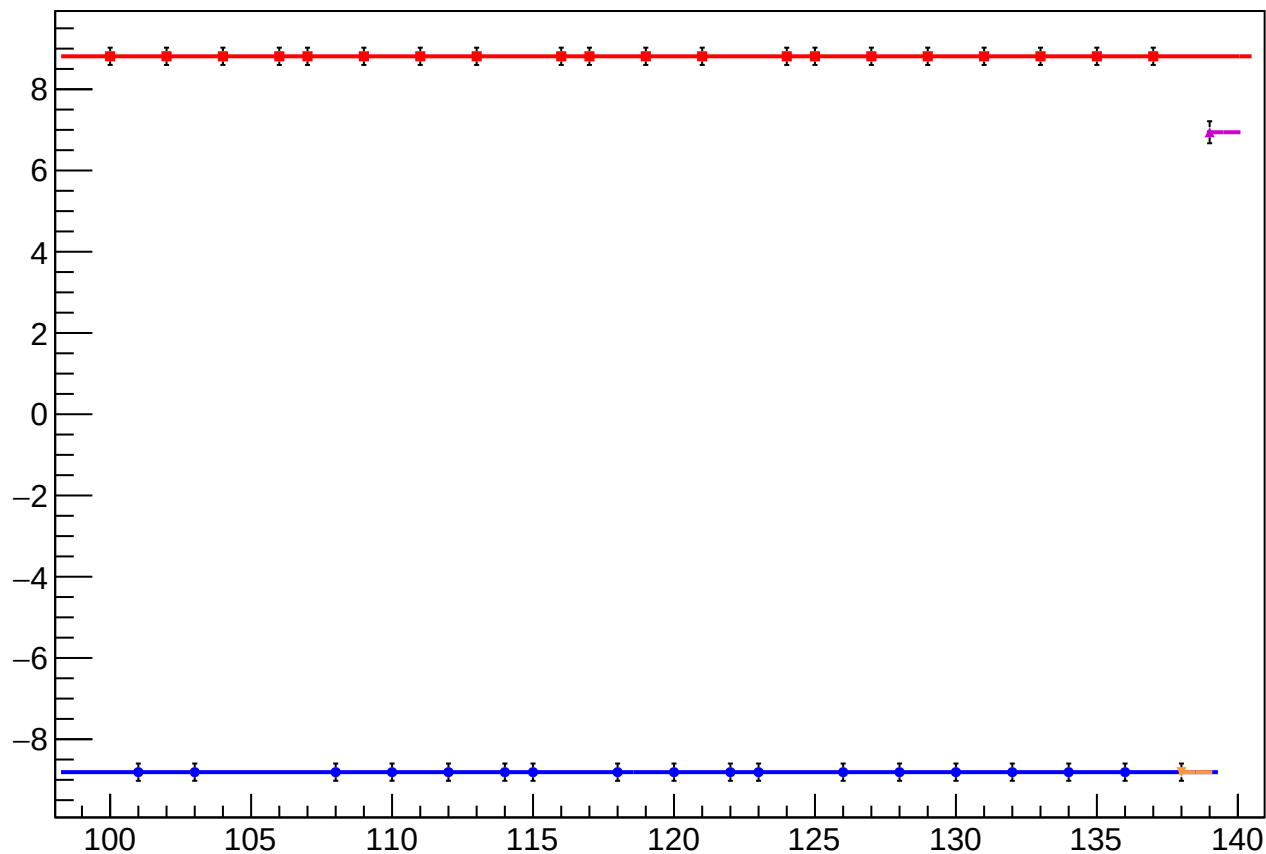
Left In: -0.098 ± 0.010 χ^2/NDF : 0.0/0

0.189 ± 0.004 χ^2/NDF : 758.4/17

-0.018 ± 0.003 χ^2/NDF : 7610.1/38

-0.196 ± 0.003 χ^2/NDF : 1271.8/20

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.811 ± 0.052 χ^2/NDF : 0.0/16

Left Out: -8.811 ± 0.213 χ^2/NDF : 0.0/0

Right Out: 8.811 ± 0.048 χ^2/NDF : 0.0/19

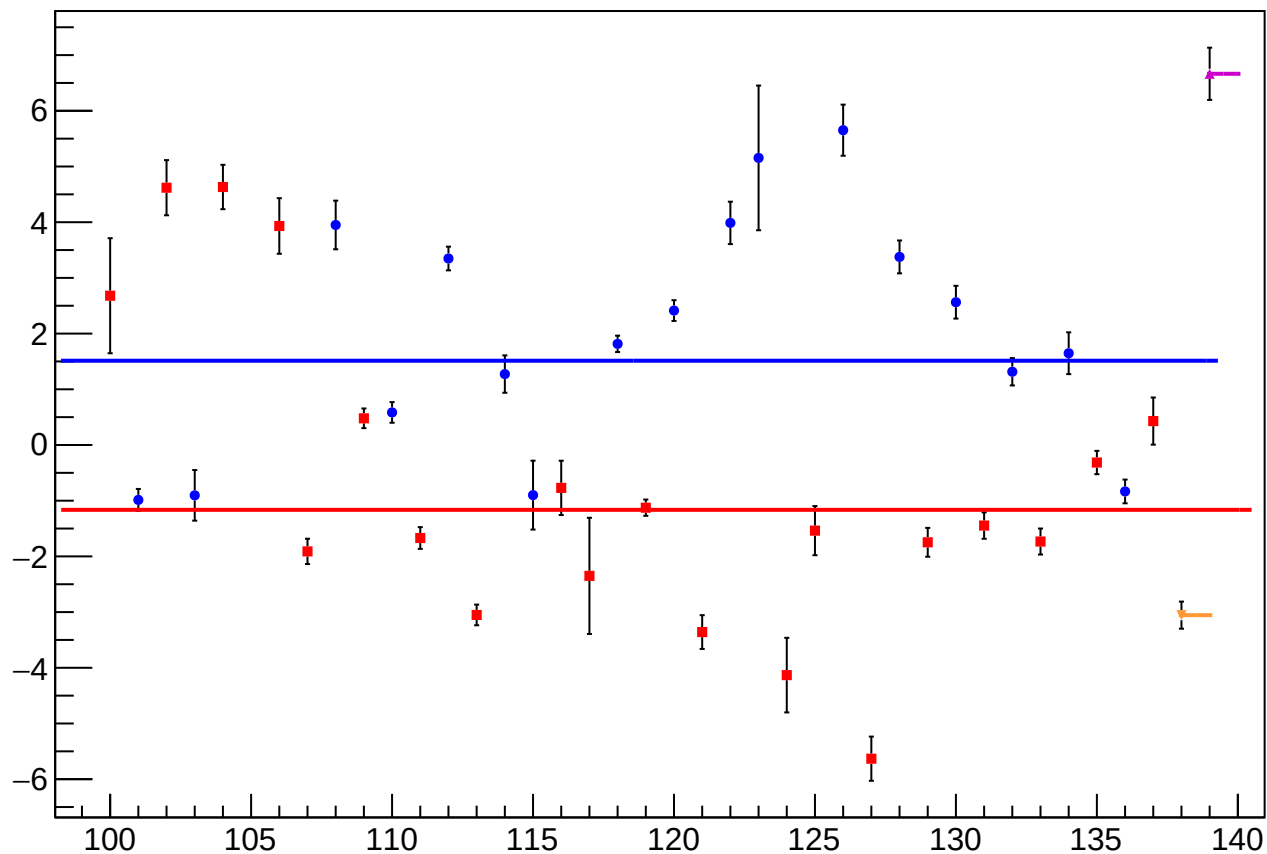
Left In: 6.942 ± 0.271 χ^2/NDF : 0.0/0

-8.811 ± 0.050 χ^2/NDF : 0.0/17

0.567 ± 0.034 χ^2/NDF : 65654.8/38

8.755 ± 0.047 χ^2/NDF : 46.1/20

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513 $\pm$ 0.063 χ^2/NDF : 669.7/16

Left Out: -3.055 $\pm$ 0.244 χ^2/NDF : 0.0/0

Right Out: -1.164 $\pm$ 0.060 χ^2/NDF : 918.3/19

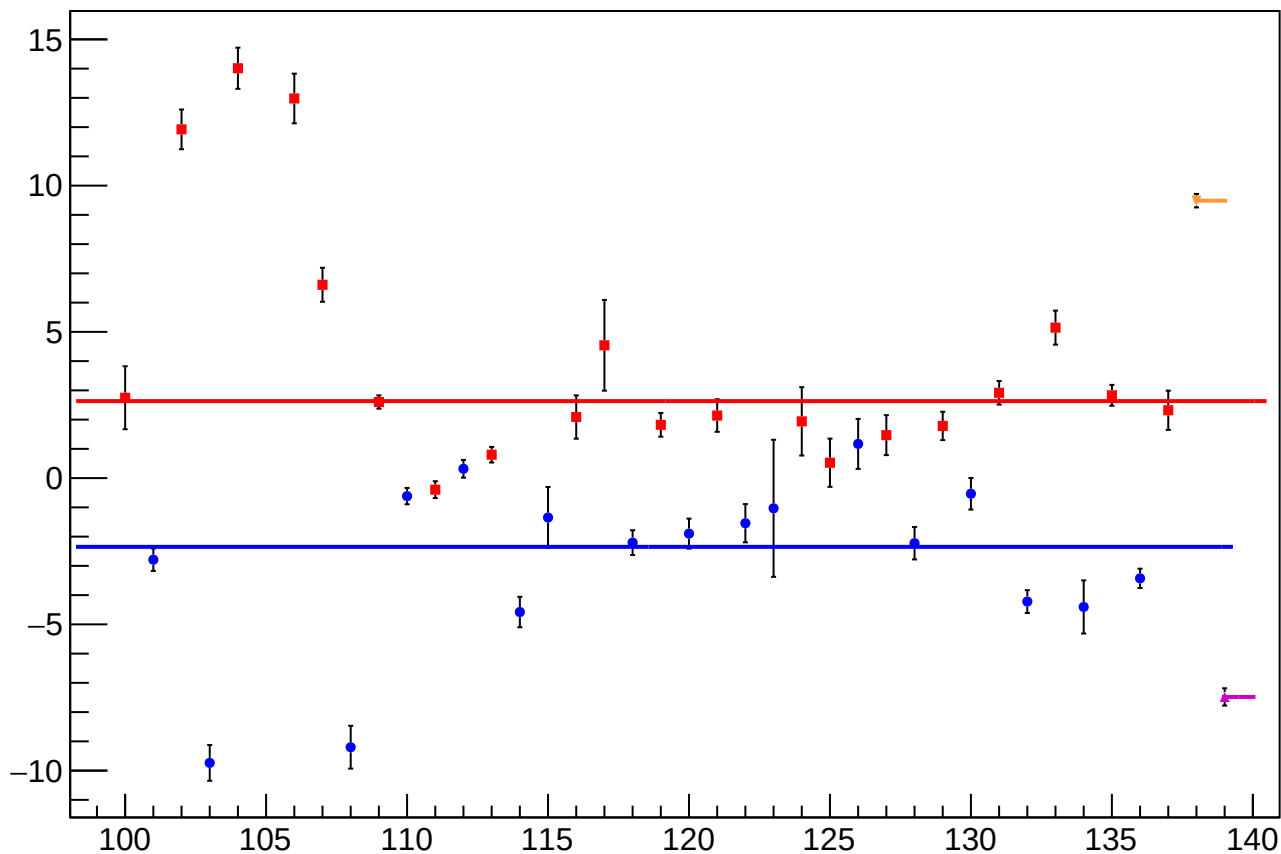
Left In: 6.664 $\pm$ 0.469 χ^2/NDF : 0.0/0

1.229 $\pm$ 0.061 χ^2/NDF : 999.7/17

0.072 $\pm$ 0.042 χ^2/NDF : 2903.8/38

-1.038 $\pm$ 0.059 χ^2/NDF : 1192.4/20

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 $\pm$ 0.114 χ^2/NDF : 439.7/16

Left Out: 9.485 $\pm$ 0.231 χ^2/NDF : 0.0/0

Right Out: 2.633 $\pm$ 0.103 χ^2/NDF : 841.9/19

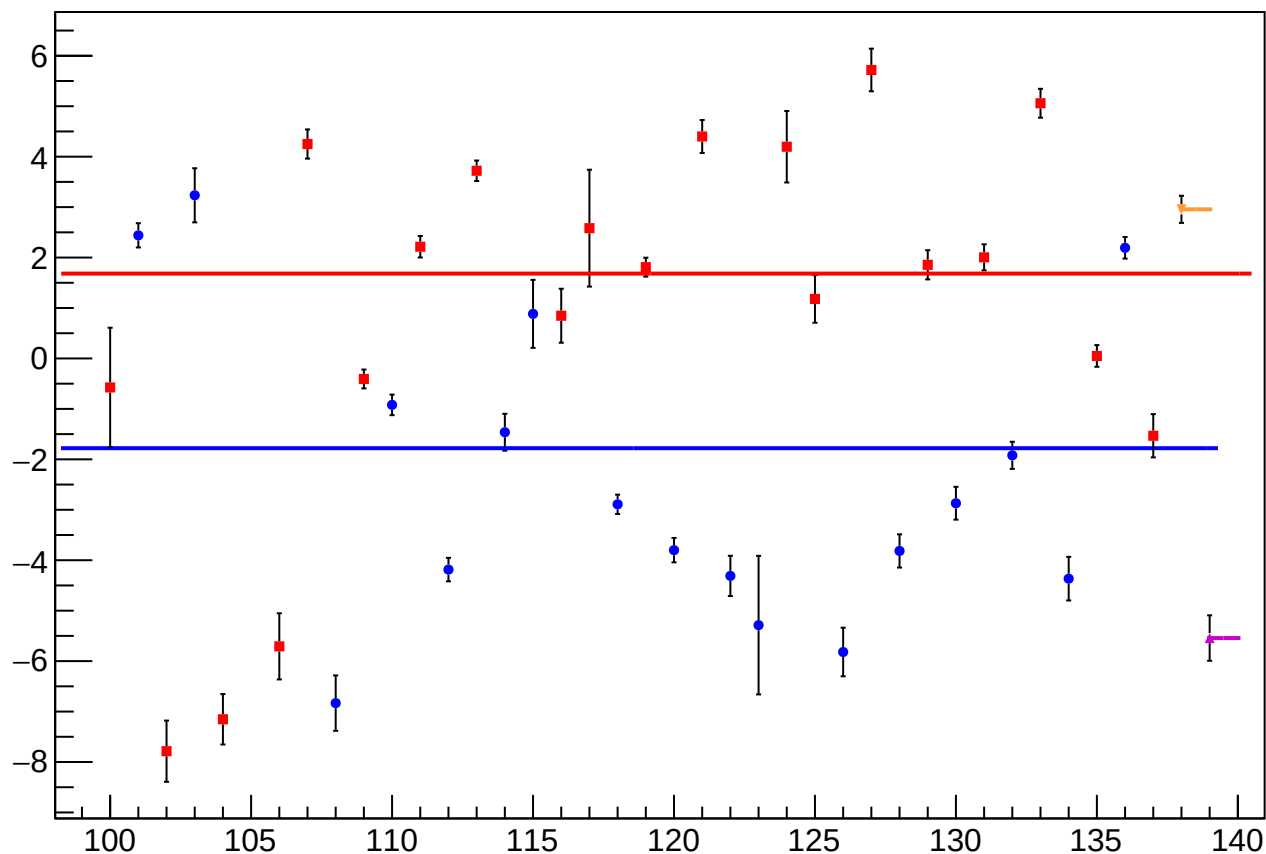
Left In: -7.481 $\pm$ 0.296 χ^2/NDF : 0.0/0

-0.020 $\pm$ 0.102 χ^2/NDF : 2550.5/17

0.799 $\pm$ 0.071 χ^2/NDF : 4557.8/38

1.538 $\pm$ 0.097 χ^2/NDF : 1885.8/20

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: 1.682 ± 0.068 χ^2/NDF : 1430.2/19

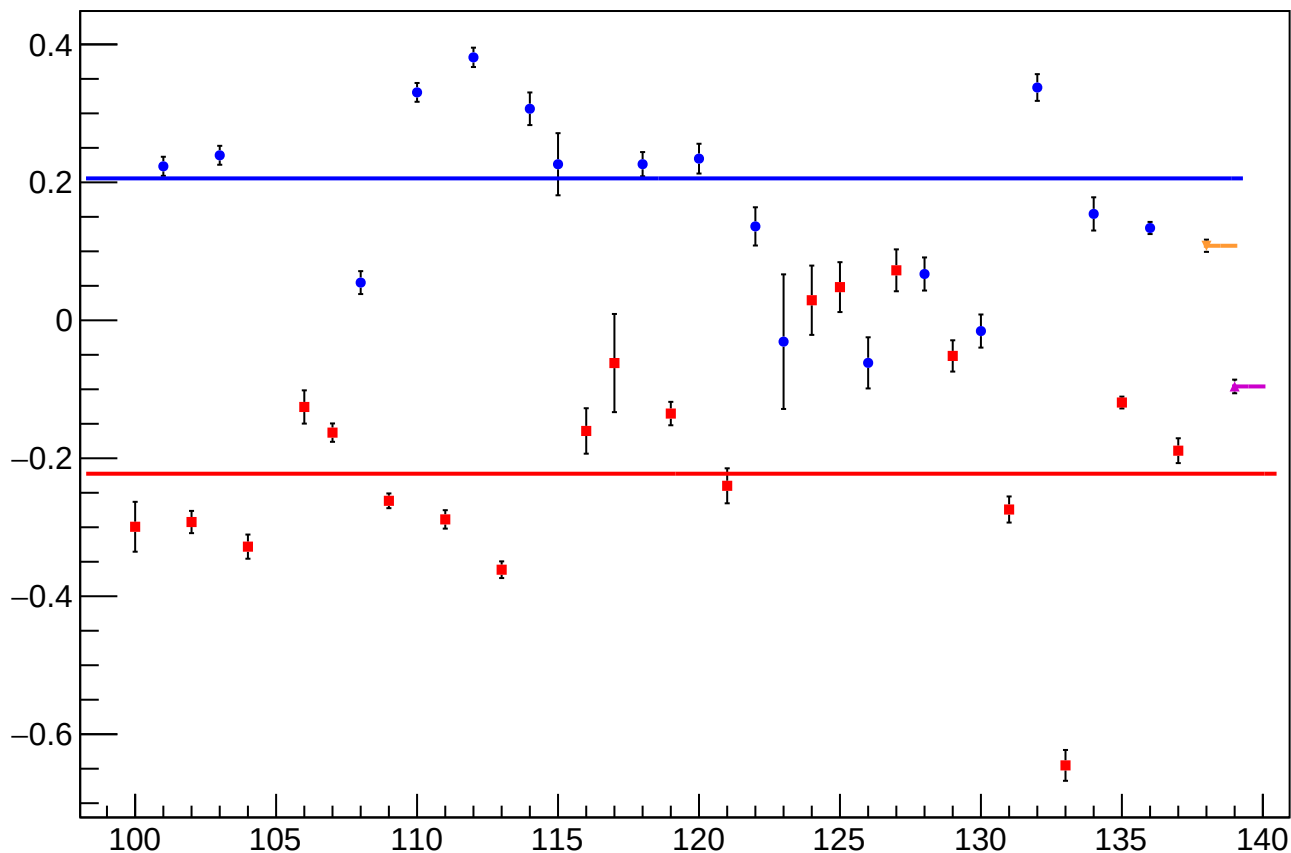
Left In: -5.543 ± 0.451 χ^2/NDF : 0.0/0

-1.460 ± 0.070 χ^2/NDF : 1561.2/17

0.089 ± 0.048 χ^2/NDF : 4191.0/38

1.522 ± 0.067 χ^2/NDF : 1681.6/20

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: -0.222 $\pm$ 0.004 χ^2 /NDF: 1047.2/19

Left In: -0.096 $\pm$ 0.010 χ^2 /NDF: 0.0/0

0.187 $\pm$ 0.004 χ^2 /NDF: 750.2/17

-0.023 $\pm$ 0.003 χ^2 /NDF: 7571.1/38

-0.206 $\pm$ 0.004 χ^2 /NDF: 1189.6/20