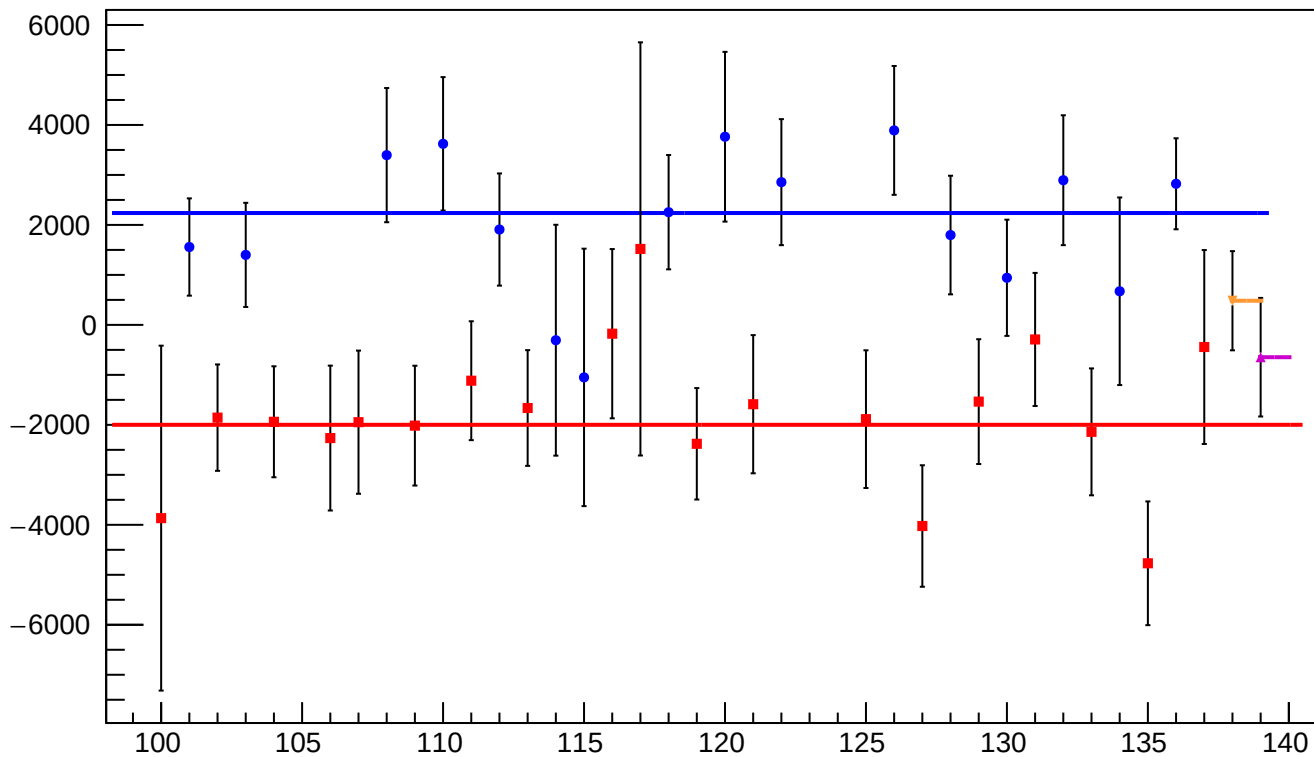


dit_asym_us_avg_mean vs Slug



Right In: 2237.929 $\pm$ 314.642

χ^2 /NDF: 11.3/15

2077.552 $\pm$ 299.919

χ^2 /NDF: 14.2/16

Left Out: 483.194 $\pm$ 992.063

χ^2 /NDF: 0.0/0

Right Out: -1999.038 $\pm$ 307.507

χ^2 /NDF: 13.3/18

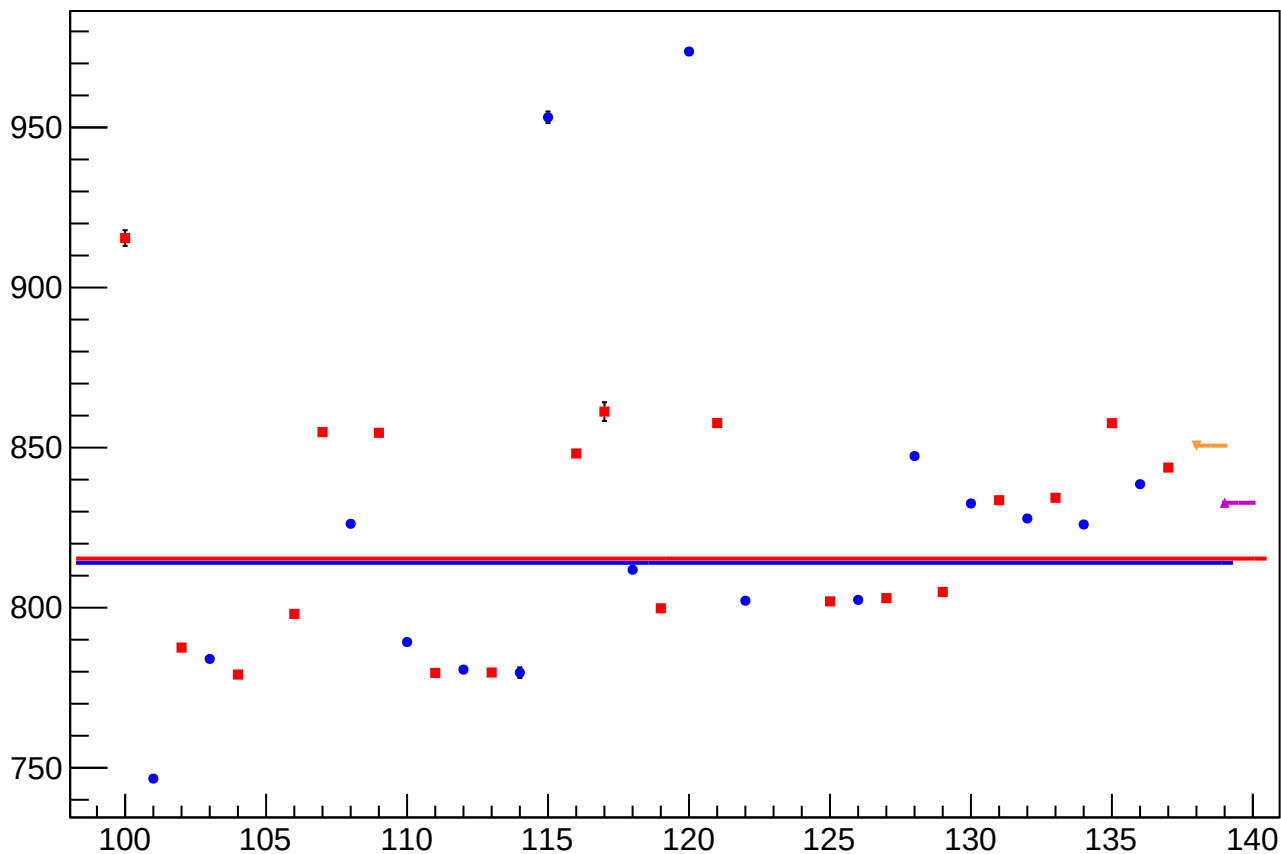
-1913.875 $\pm$ 297.668

χ^2 /NDF: 14.5/19

Left In: -646.592 $\pm$ 1186.226

χ^2 /NDF: 0.0/0

dit_asym_us_avg_rms vs Slug



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

Left Out: 850.617 $\pm$ 0.701 χ^2 /NDF: 0.0/0

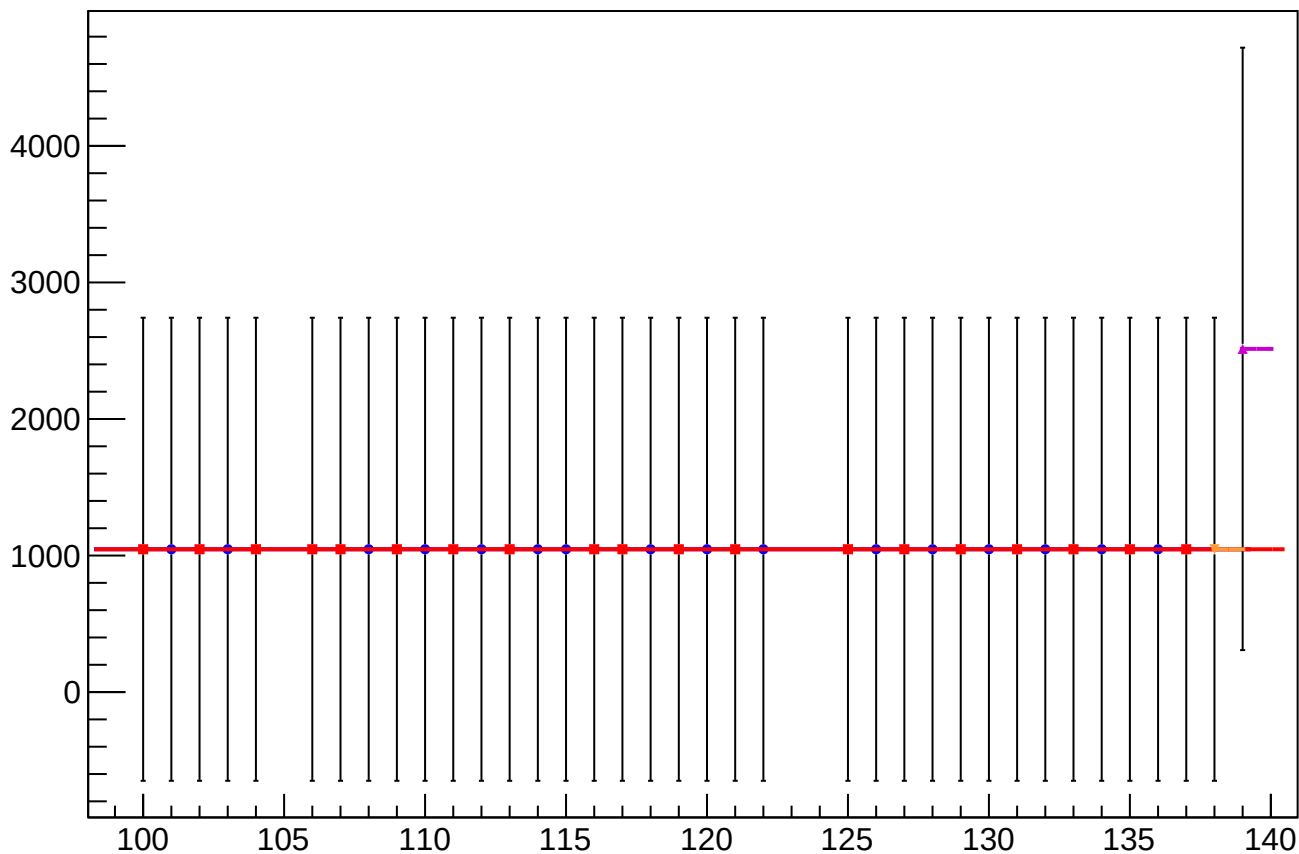
Right Out: 815.340 $\pm$ 0.217 χ^2 /NDF: 20207.4/18

Left In: 832.771 $\pm$ 0.839 χ^2 /NDF: 0.0/0

817.366 $\pm$ 0.212 χ^2 /NDF: 44514.4/16

816.437 $\pm$ 0.210 χ^2 /NDF: 20612.1/19

asym_us_avg_correction_mean vs Slug



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

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

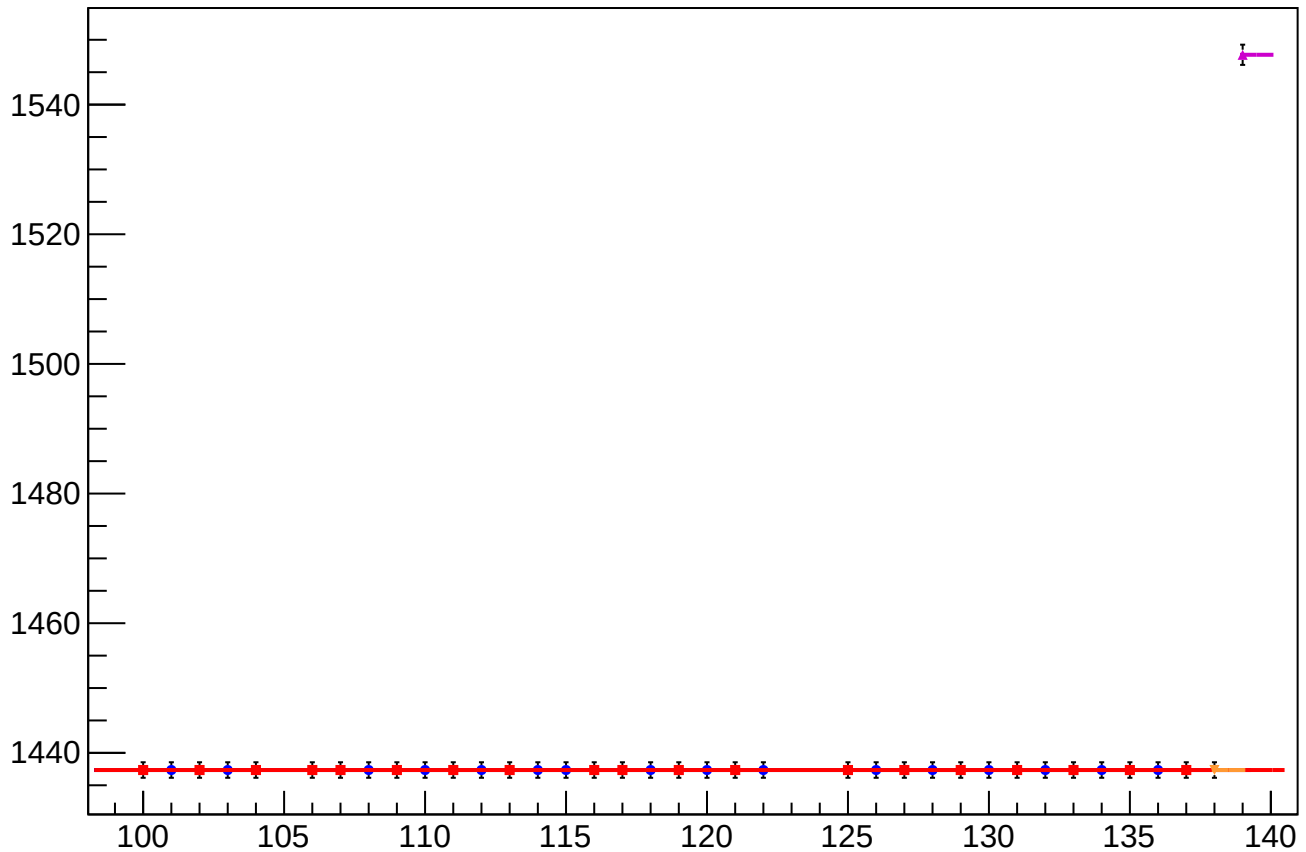
Right Out: 1046.022+/-389.004 χ^2/NDF : 0.0/18

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

1046.022+/-411.250 χ^2/NDF : 0.0/16

1090.280+/-383.093 χ^2/NDF : 0.4/19

asym_us_avg_correction_rms vs Slug



Right In: 1437.353+/-0.300 χ^2/NDF : 0.0/15

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

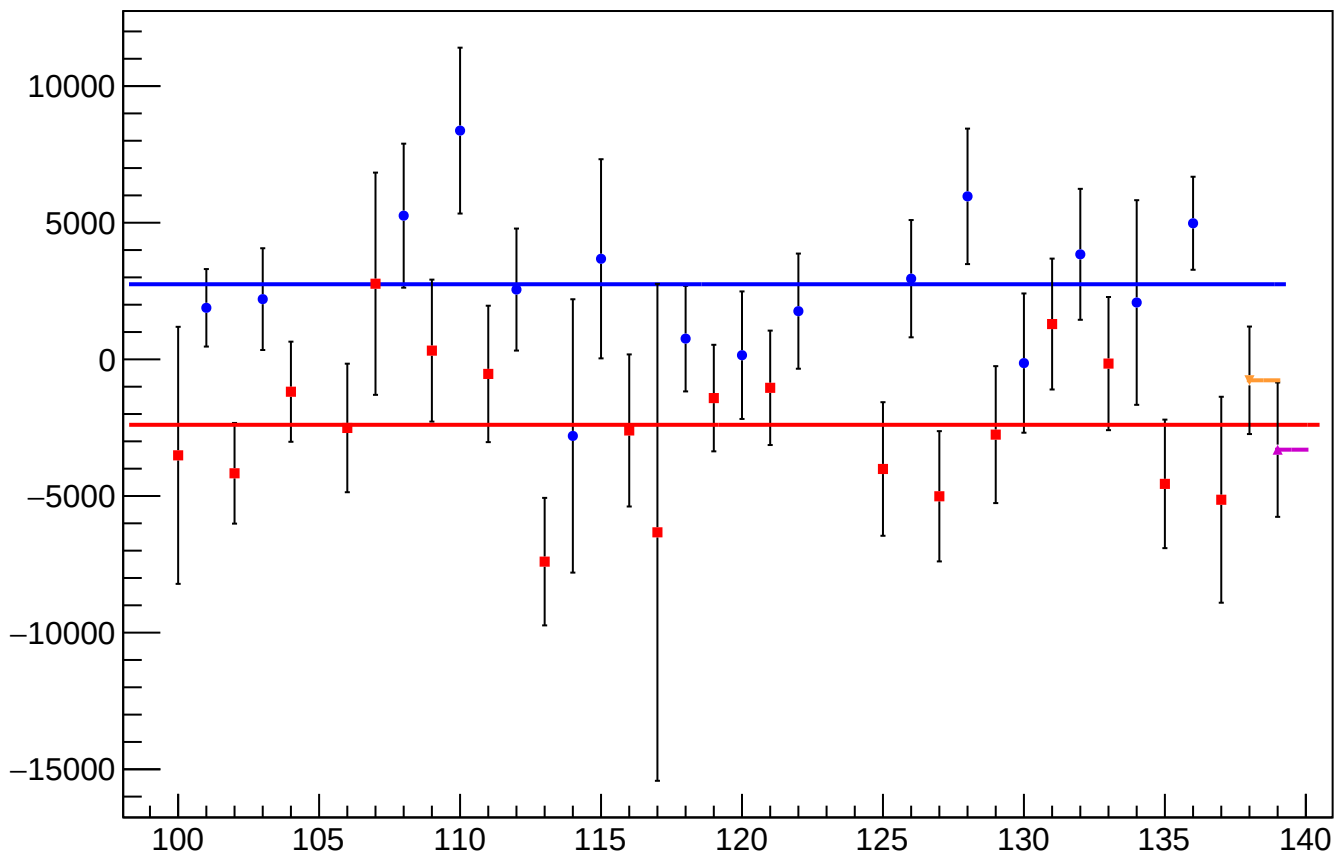
Right Out: 1437.353+/-0.275 χ^2/NDF : 0.0/18

Left In: 1547.687+/-1.560 χ^2/NDF : 0.0/0

1437.353+/-0.291 χ^2/NDF : 0.0/16

1440.681+/-0.271 χ^2/NDF : 4852.5/19

asym_us_avg_mean vs Slug



Right In: 2748.777 $\pm$ 562.943 χ^2 /NDF: 13.5/15

Left Out: -766.254 $\pm$ 1967.001 χ^2 /NDF: 0.0/0

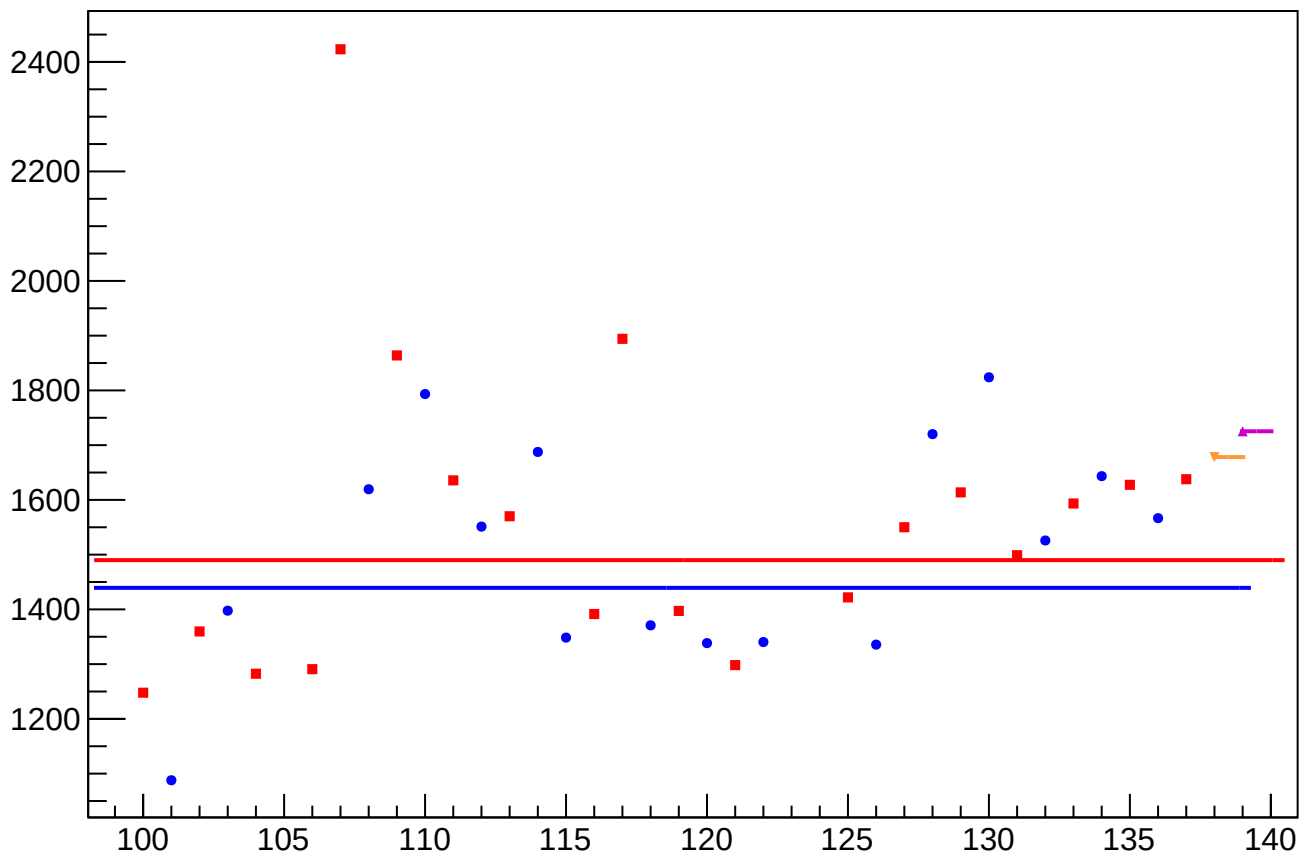
Right Out: -2394.856 $\pm$ 567.856 χ^2 /NDF: 16.4/18

Left In: -3304.883 $\pm$ 2458.319 χ^2 /NDF: 0.0/0

2482.668 $\pm$ 541.215 χ^2 /NDF: 16.5/16

-2440.954 $\pm$ 553.287 χ^2 /NDF: 16.5/19

asym_us_avg_rms vs Slug



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

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

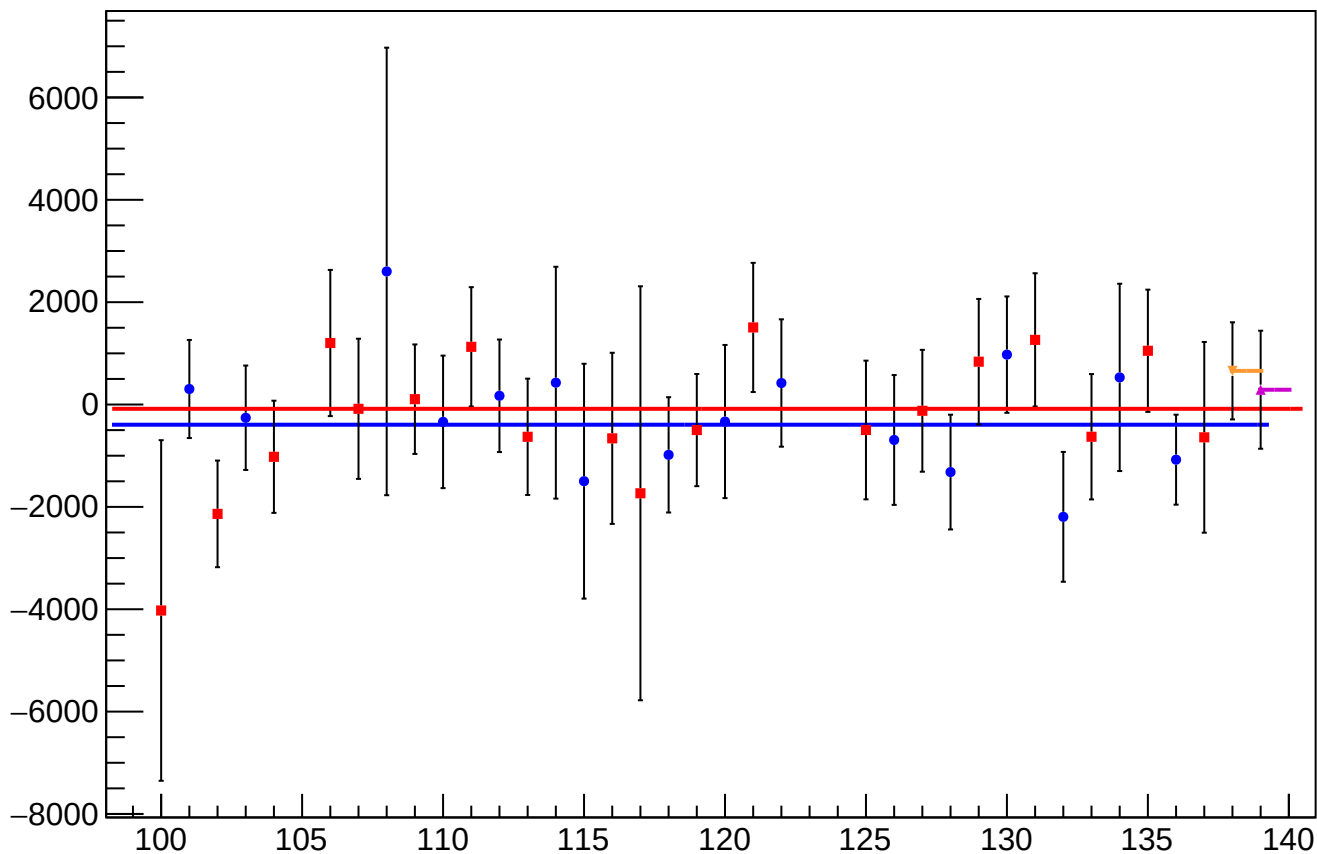
Right Out: 1489.967+/-0.402 χ^2/NDF : 260293.3/18

Left In: 1725.333+/-1.738 χ^2/NDF : 0.0/0

1457.416+/-0.383 χ^2/NDF : 305121.4/16

1501.889+/-0.391 χ^2/NDF : 277698.0/19

dit_asym_us_dd_mean vs Slug



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

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

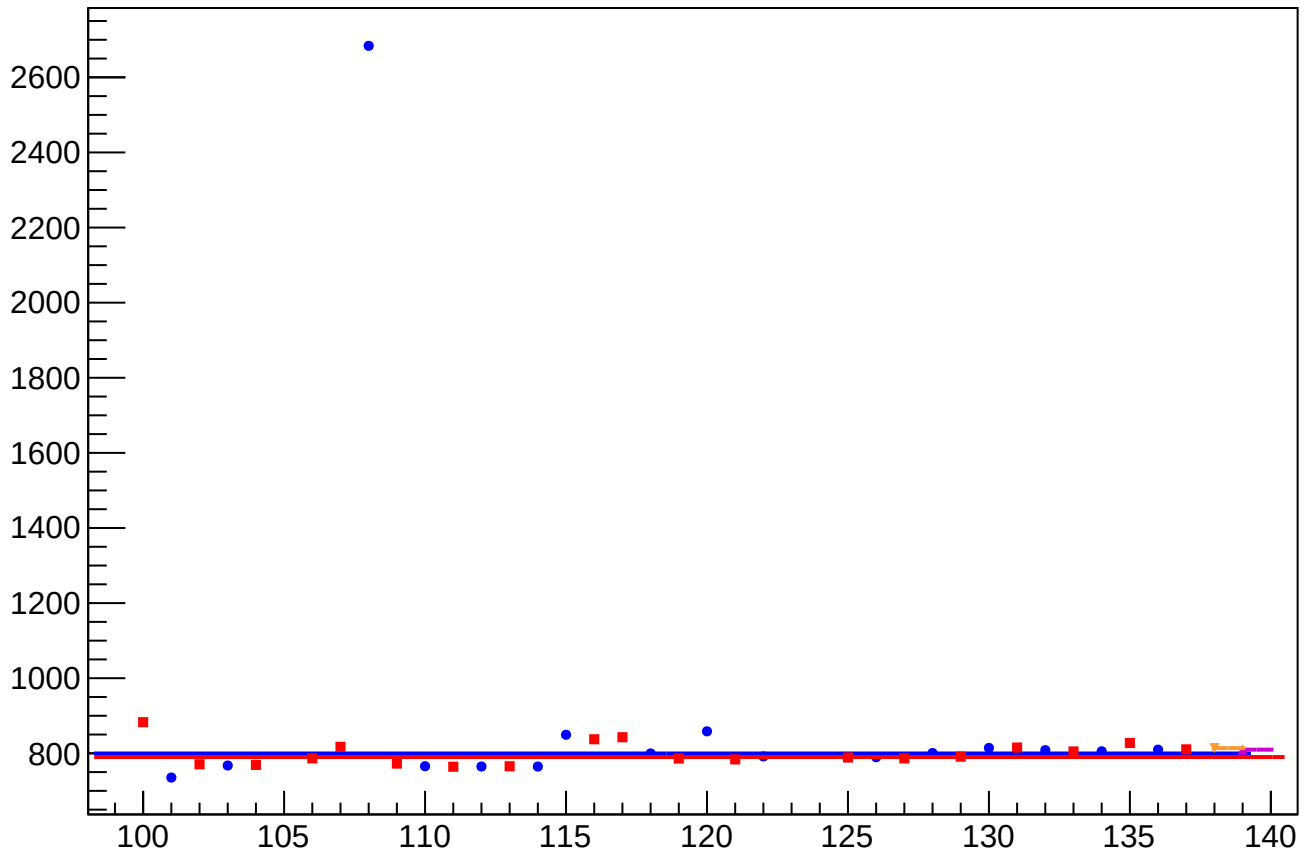
Right Out: -83.274 ± 297.589 $\chi^2/\text{NDF}: 13.1/18$

Left In: 289.062 ± 1153.279 $\chi^2/\text{NDF}: 0.0/0$

-290.999 ± 297.395 $\chi^2/\text{NDF}: 8.5/16$

-60.031 ± 288.151 $\chi^2/\text{NDF}: 13.2/19$

dit_asym_us_dd_rms vs Slug



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

Left Out: 813.792+/-0.671 χ^2/NDF : 0.0/0

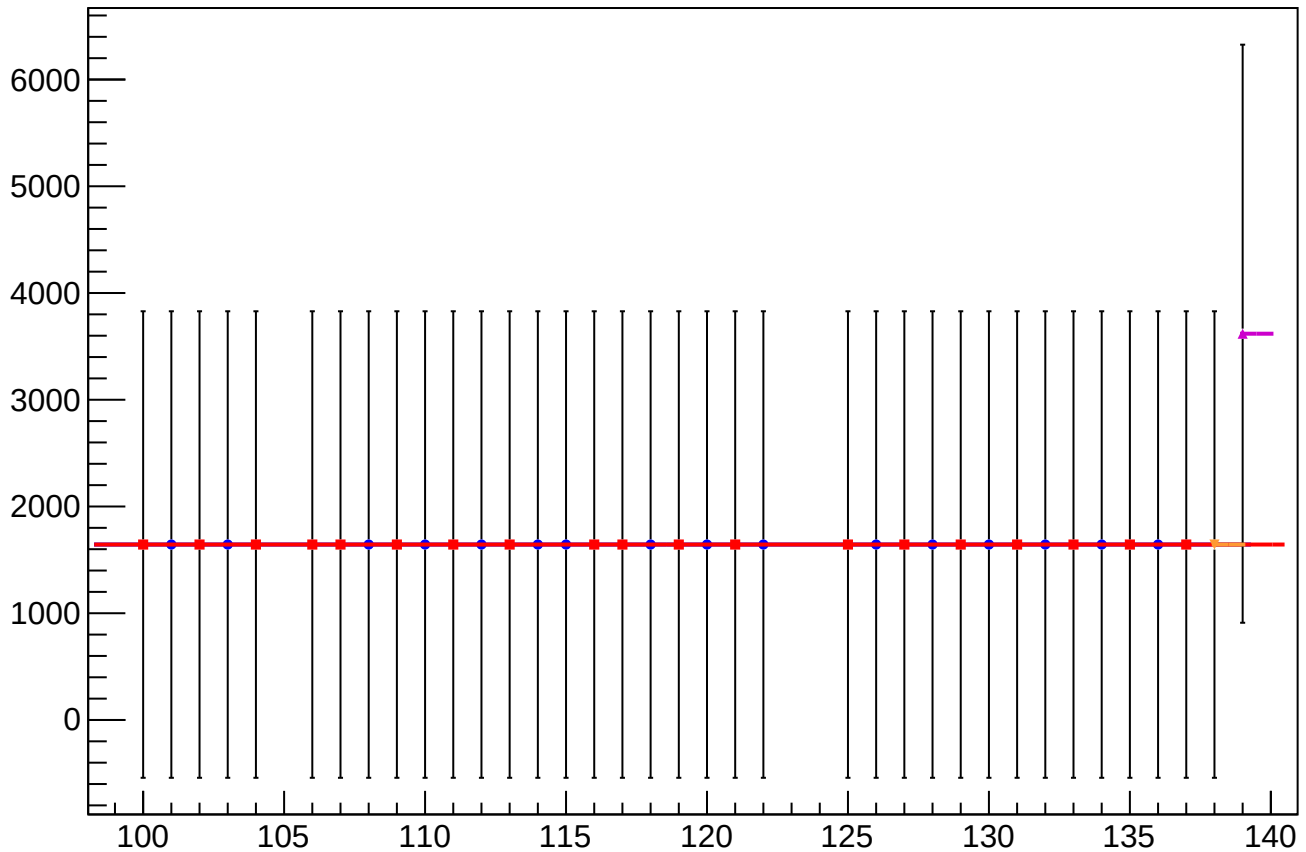
Right Out: 790.081+/-0.210 χ^2/NDF : 11517.0/18

Left In: 809.717+/-0.815 χ^2/NDF : 0.0/0

800.937+/-0.210 χ^2/NDF : 391592.9/16

791.307+/-0.204 χ^2/NDF : 12060.6/19

asym_us_dd_correction_mean vs Slug



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

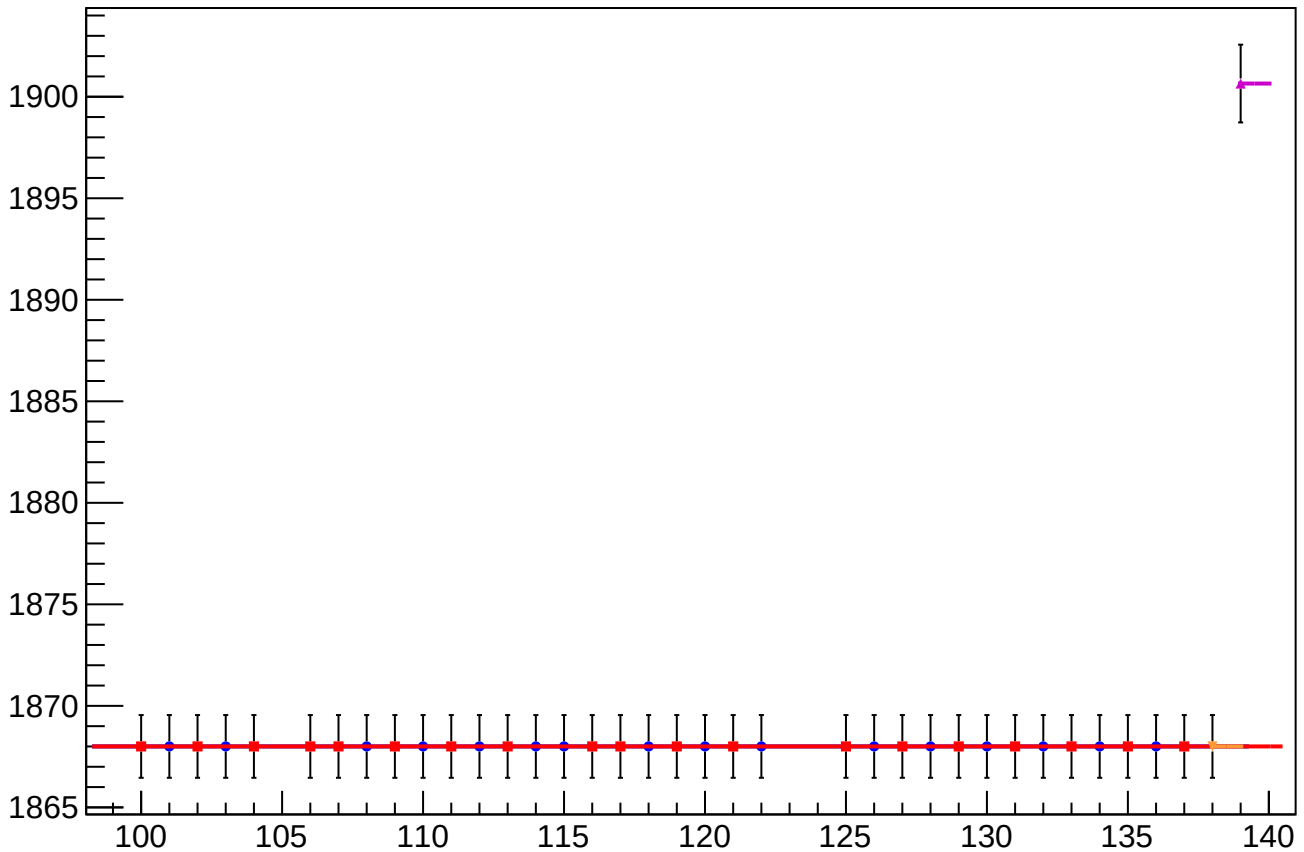
Right Out: 1643.648 $\pm$ 501.341 χ^2 /NDF: 0.0/18

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

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

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

asym_us_dd_correction_rms vs Slug



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

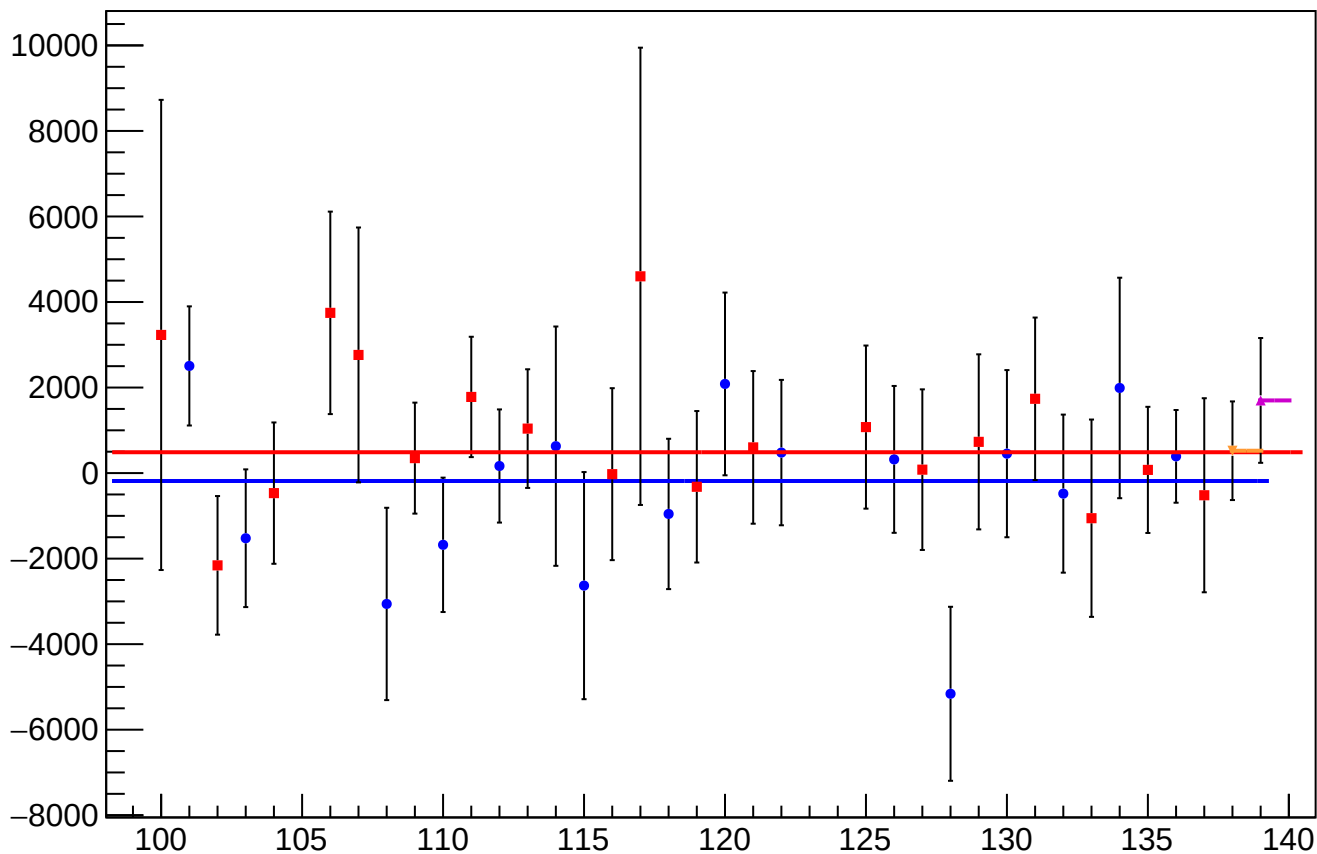
Right Out: 1868.002 $\pm$ 0.355 χ^2/NDF : 0.0/18

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

1868.002 $\pm$ 0.375 χ^2/NDF : 0.0/16

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

asym_us_dd_mean vs Slug



Right In: -185.054 $\pm$ 431.495 χ^2 /NDF: 16.6/15

Left Out: 522.542 $\pm$ 1153.190 χ^2 /NDF: 0.0/0

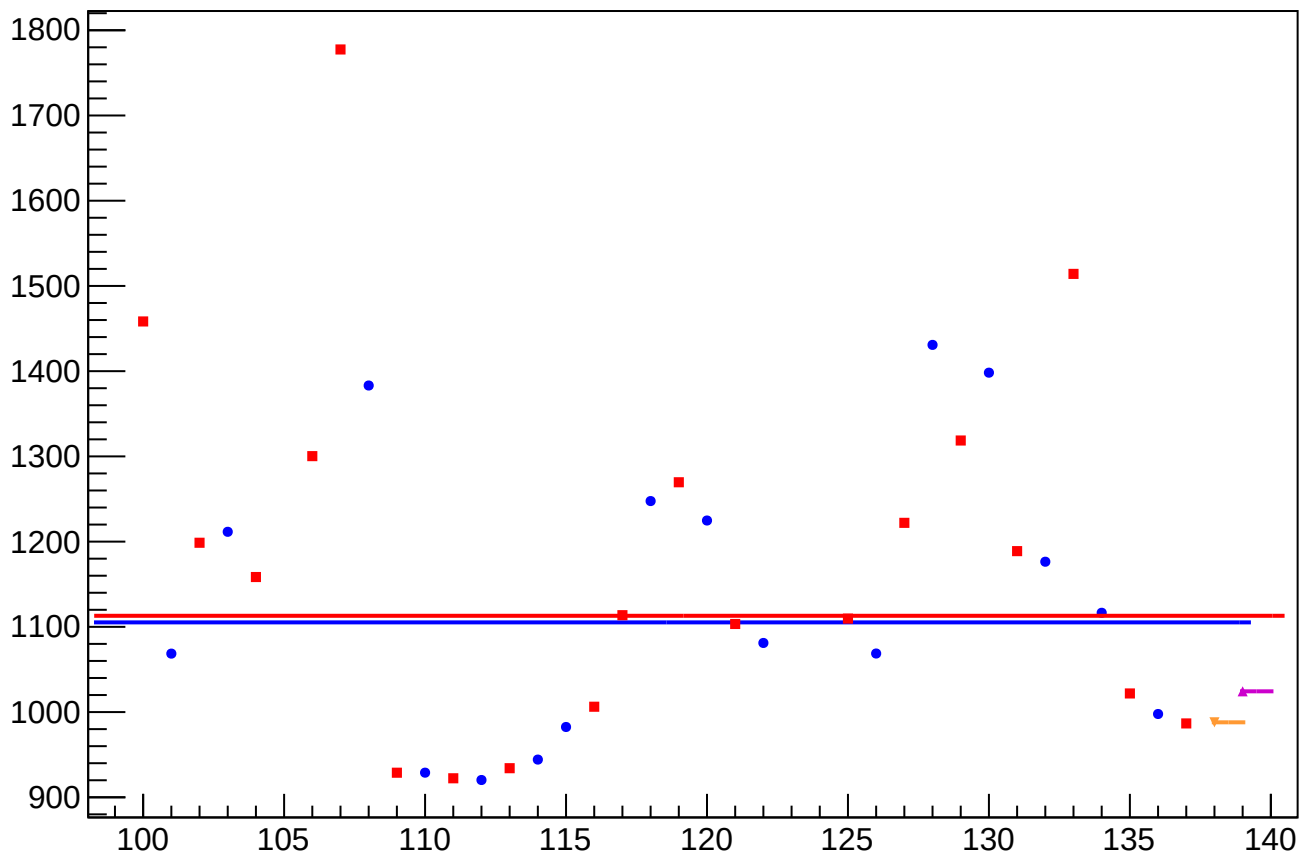
Right Out: 487.483 $\pm$ 425.566 χ^2 /NDF: 8.9/18

Left In: 1698.949 $\pm$ 1459.083 χ^2 /NDF: 0.0/0

-98.153 $\pm$ 404.130 χ^2 /NDF: 17.0/16

582.462 $\pm$ 408.544 χ^2 /NDF: 9.6/19

asym_us_dd_rms vs Slug



Right In: 1105.236 $\pm$ 0.305 χ^2 /NDF: 255366.2/15

Left Out: 987.980 $\pm$ 0.815 χ^2 /NDF: 0.0/0

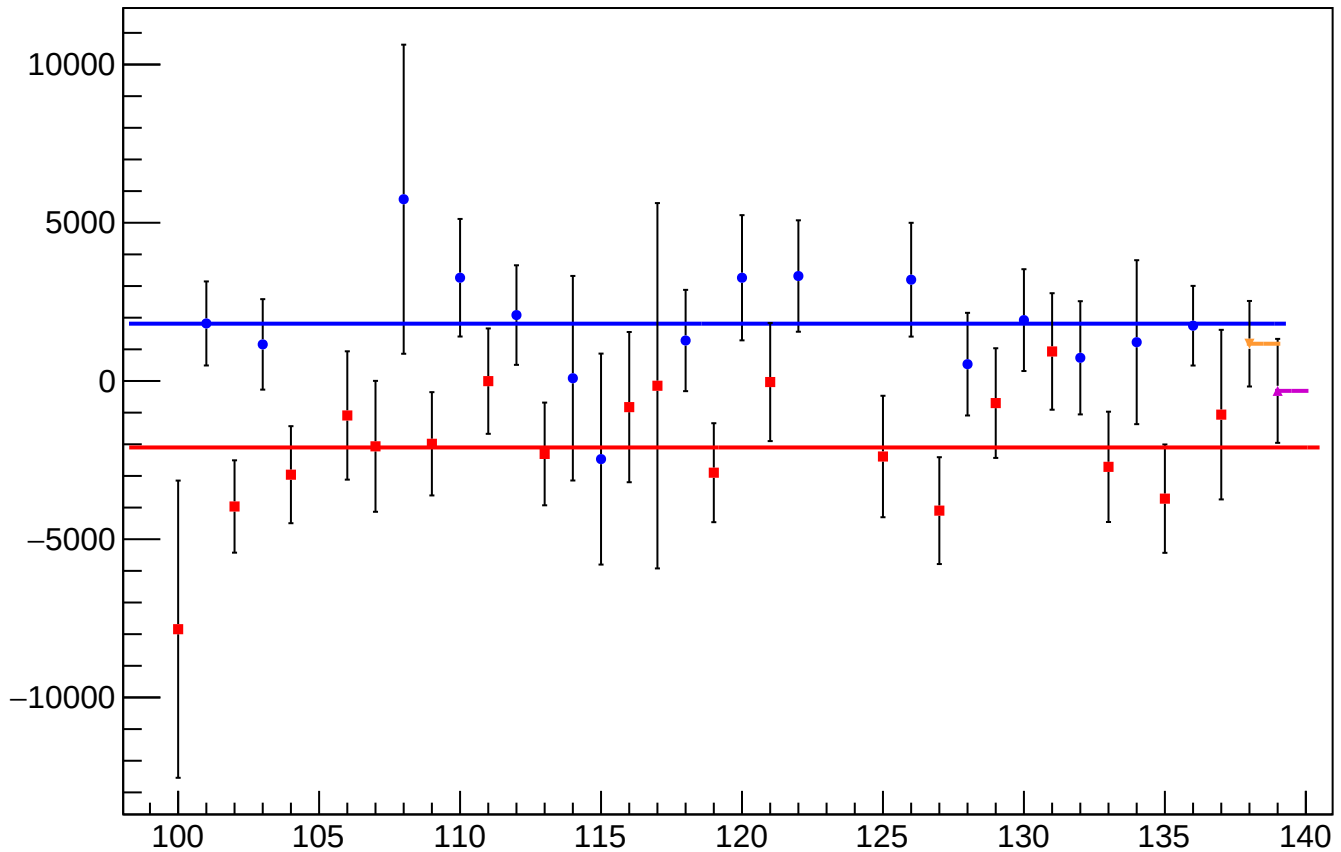
Right Out: 1112.978 $\pm$ 0.301 χ^2 /NDF: 362995.5/18

Left In: 1024.352 $\pm$ 1.032 χ^2 /NDF: 0.0/0

1090.835 $\pm$ 0.286 χ^2 /NDF: 273504.2/16

1106.030 $\pm$ 0.289 χ^2 /NDF: 369796.0/19

dit_asym_usl_mean vs Slug



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

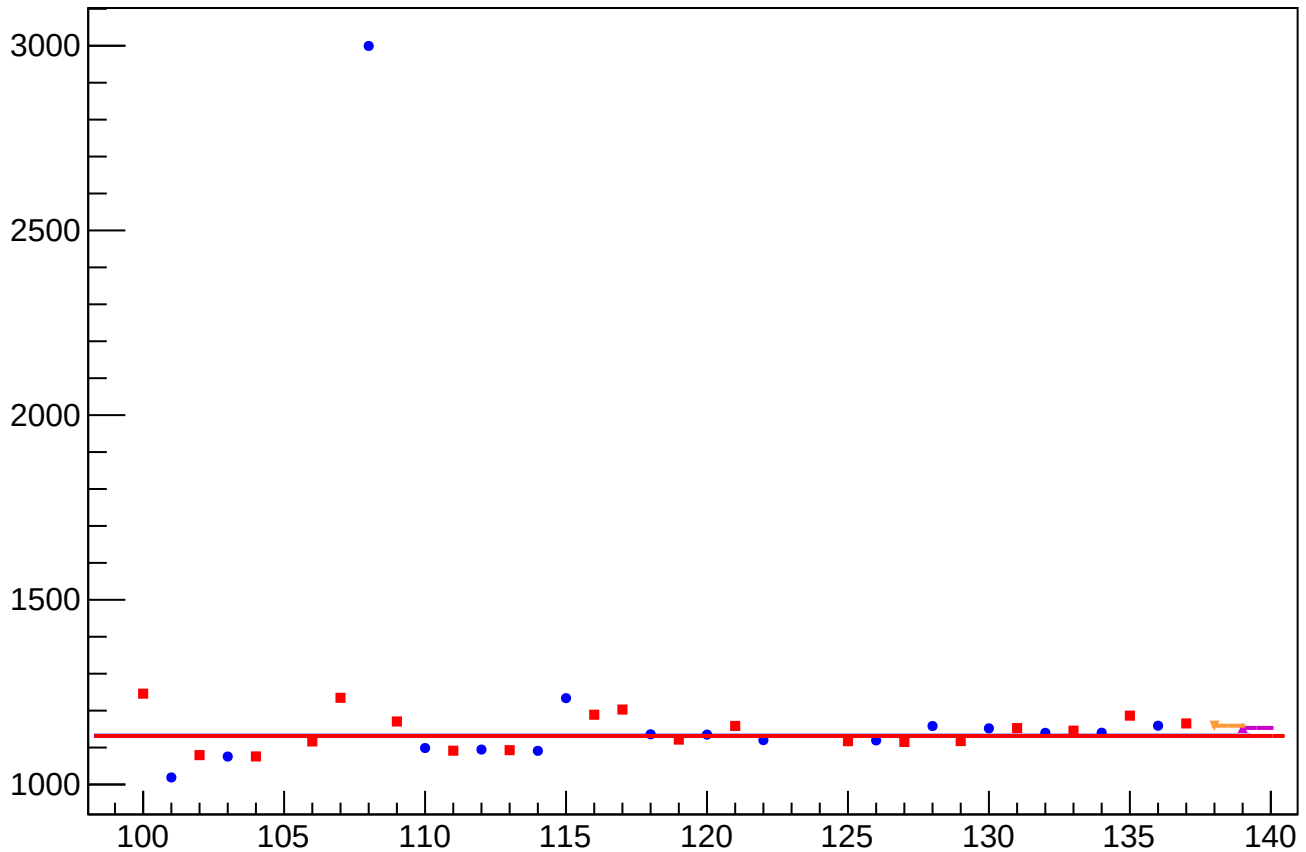
Right Out: -2100.301 $\pm$ 426.507 χ^2 /NDF: 13.1/18

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

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

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

dit_asym_usl_rms vs Slug



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

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

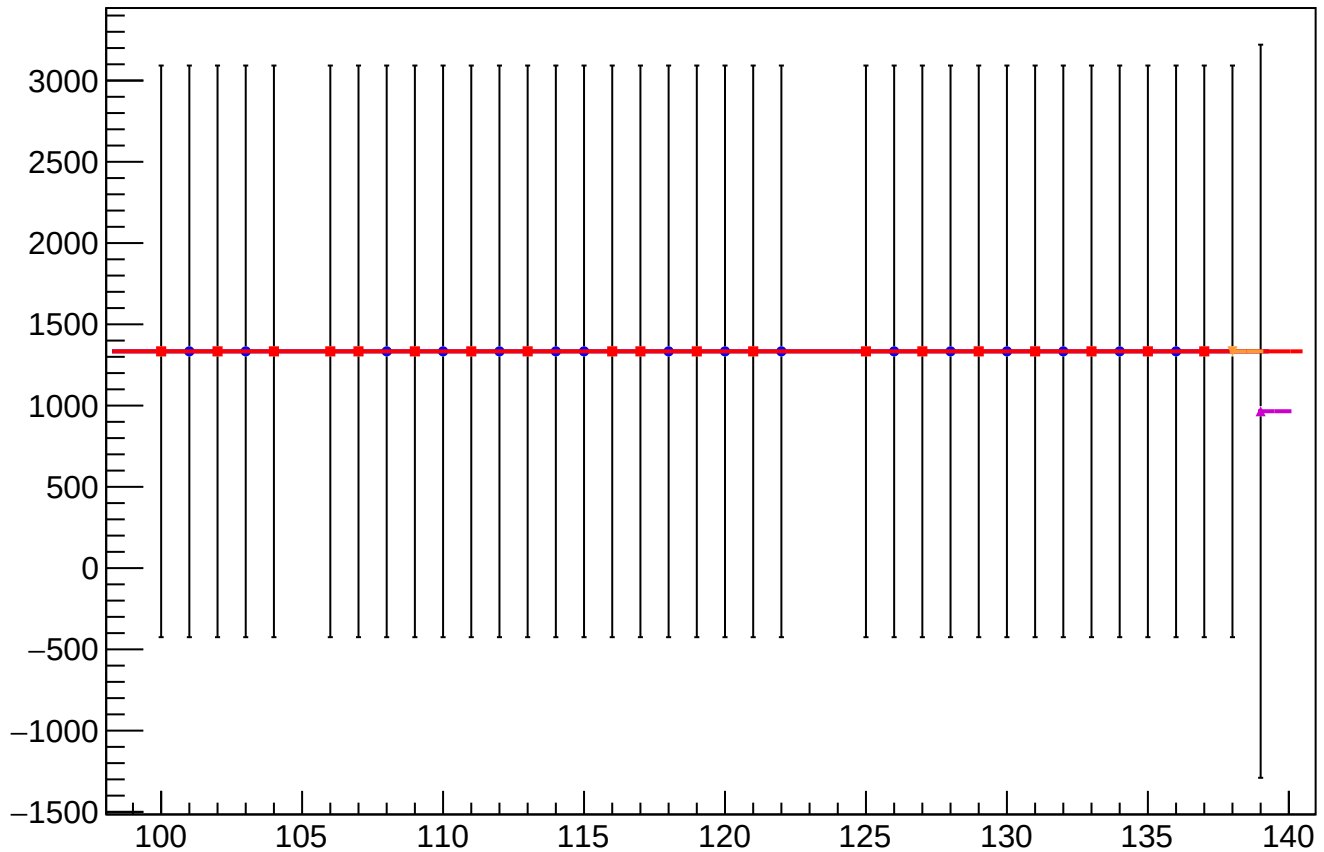
Right Out: 1131.409+/-0.302 χ^2/NDF : 20027.2/18

Left In: 1153.152+/-1.161 χ^2/NDF : 0.0/0

1134.691+/-0.297 χ^2/NDF : 316750.7/16

1132.782+/-0.292 χ^2/NDF : 20355.6/19

asym_usl_correction_mean vs Slug



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

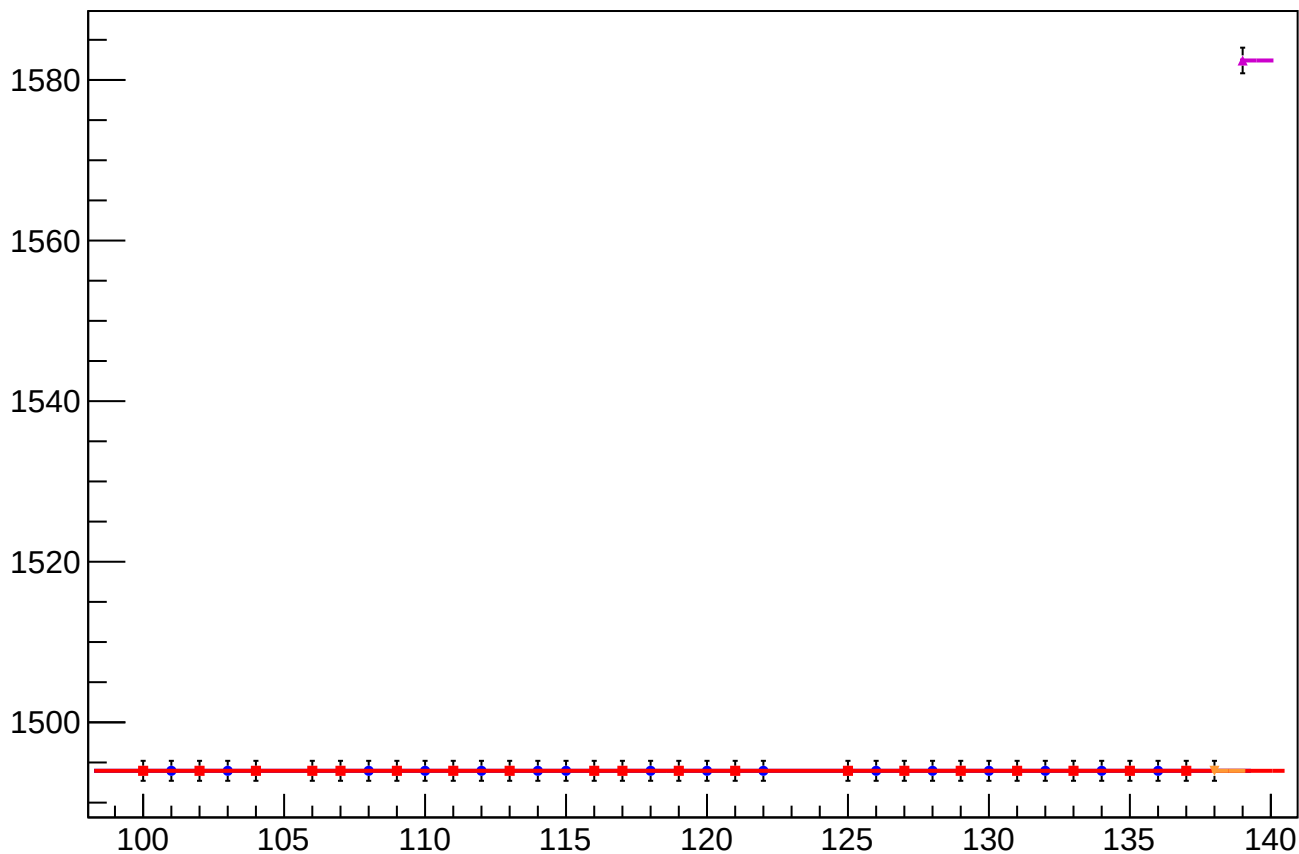
Right Out: 1333.676 $\pm$ 403.461 χ^2 /NDF: 0.0/18

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

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

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

asym_usl_correction_rms vs Slug



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

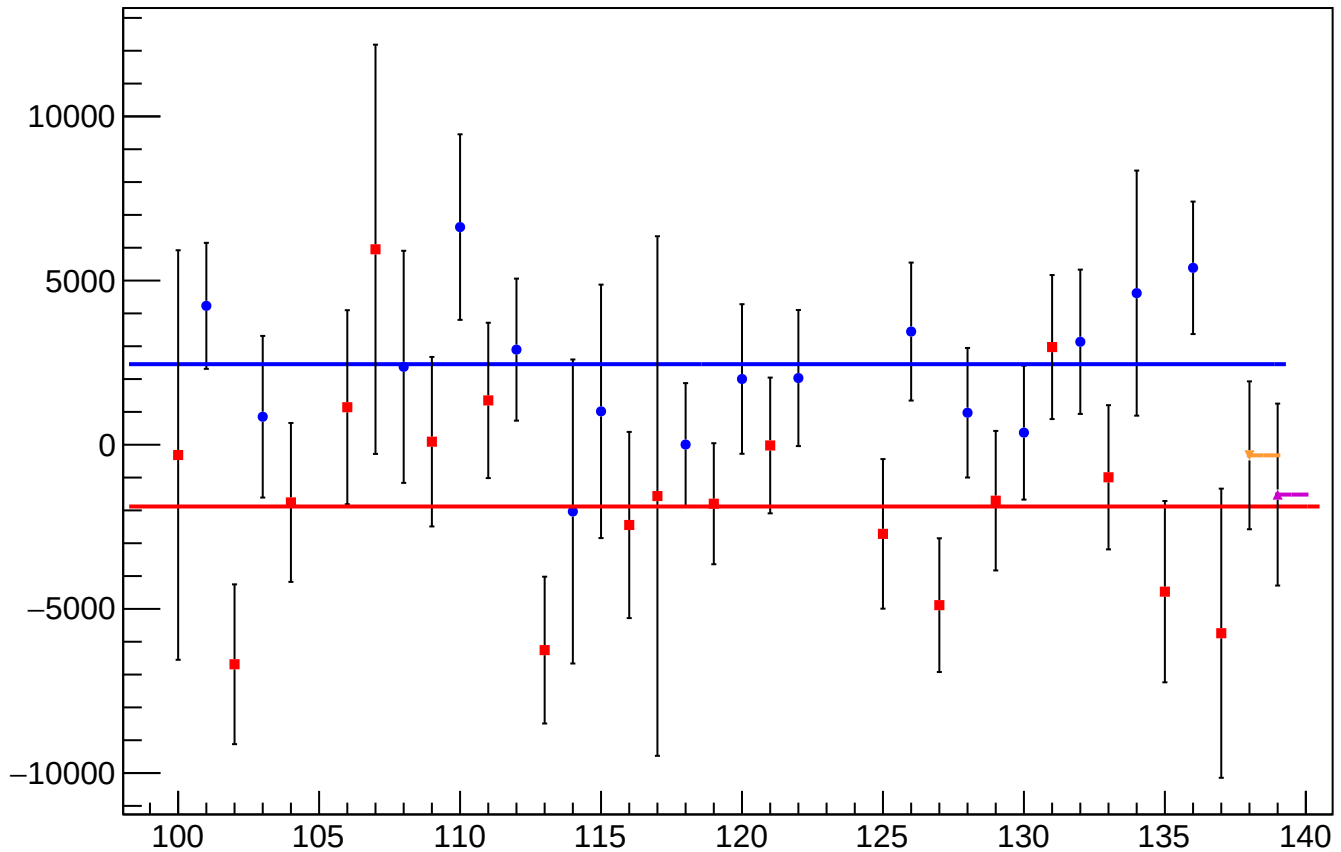
Right Out: 1493.962 $\pm$ 0.285 χ^2 /NDF: 0.0/18

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

1493.962 $\pm$ 0.302 χ^2 /NDF: 0.0/16

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

asym_usl_mean vs Slug



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

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

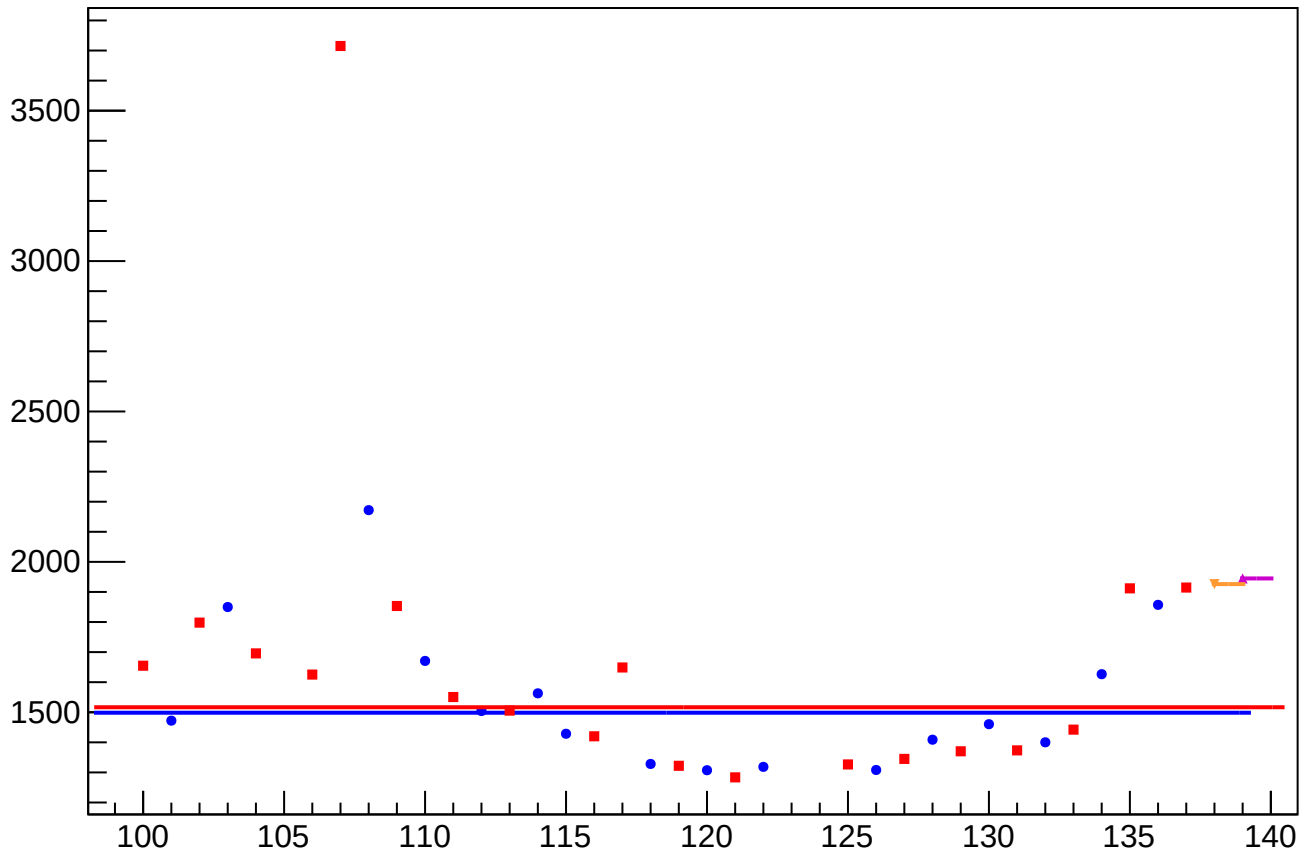
Right Out: -1881.026+/-581.611 χ^2/NDF : 22.8/18

Left In: -1518.444+/-2770.840 χ^2/NDF : 0.0/0

2278.685+/-565.591 χ^2/NDF : 12.2/16

-1865.725+/-569.206 χ^2/NDF : 22.8/19

asym_usl_rms vs Slug



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

Left Out: 1926.067 $\pm$ 1.593 χ^2 /NDF: 0.0/0

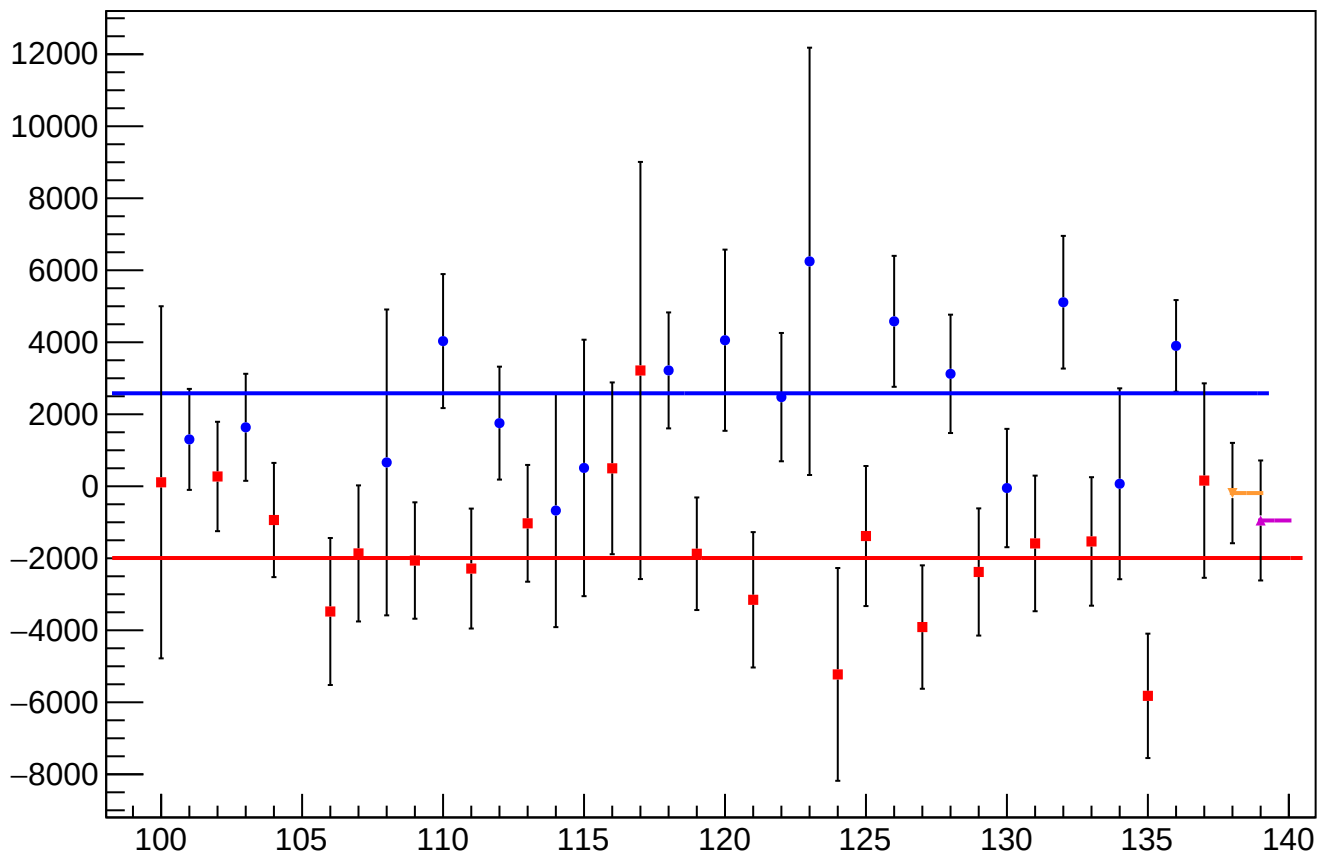
Right Out: 1516.667 $\pm$ 0.411 χ^2 /NDF: 481102.8/18

Left In: 1944.887 $\pm$ 1.959 χ^2 /NDF: 0.0/0

1525.438 $\pm$ 0.400 χ^2 /NDF: 326319.4/16

1534.738 $\pm$ 0.402 χ^2 /NDF: 526855.4/19

dit_asym_usr_mean vs Slug



Right In: 2582.988+/-453.193 χ^2/NDF : 12.3/16

Left Out: -188.321+/-1393.795 χ^2/NDF : 0.0/0

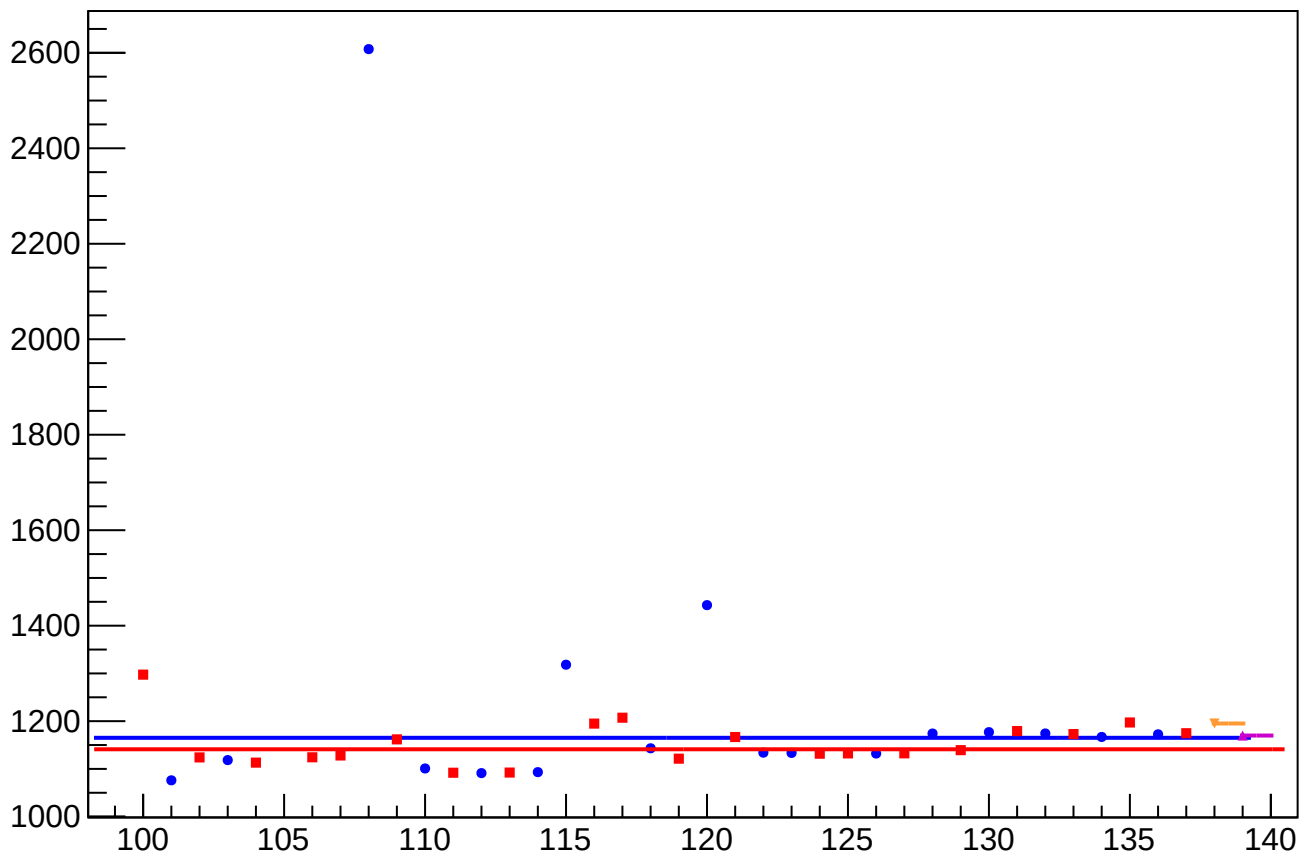
Right Out: -1992.471+/-425.603 χ^2/NDF : 14.3/19

Left In: -949.745+/-1666.417 χ^2/NDF : 0.0/0

2318.011+/-430.983 χ^2/NDF : 15.9/17

-1928.619+/-412.366 χ^2/NDF : 14.7/20

dit_asym_usr_rms vs Slug



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

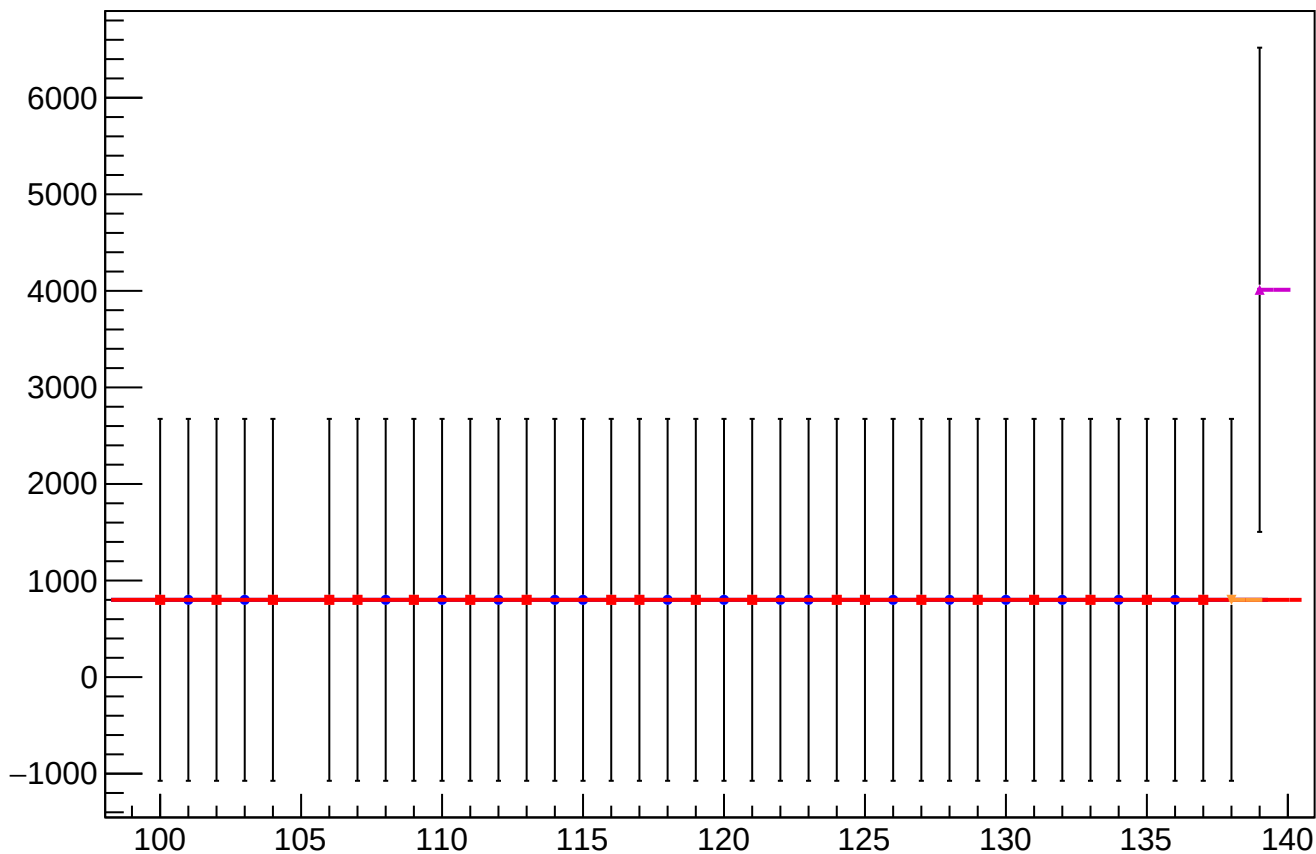
Right Out: 1141.111 $\pm$ 0.301 χ^2 /NDF: 12979.5/19

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

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

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

asym_usr_correction_mean vs Slug



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

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

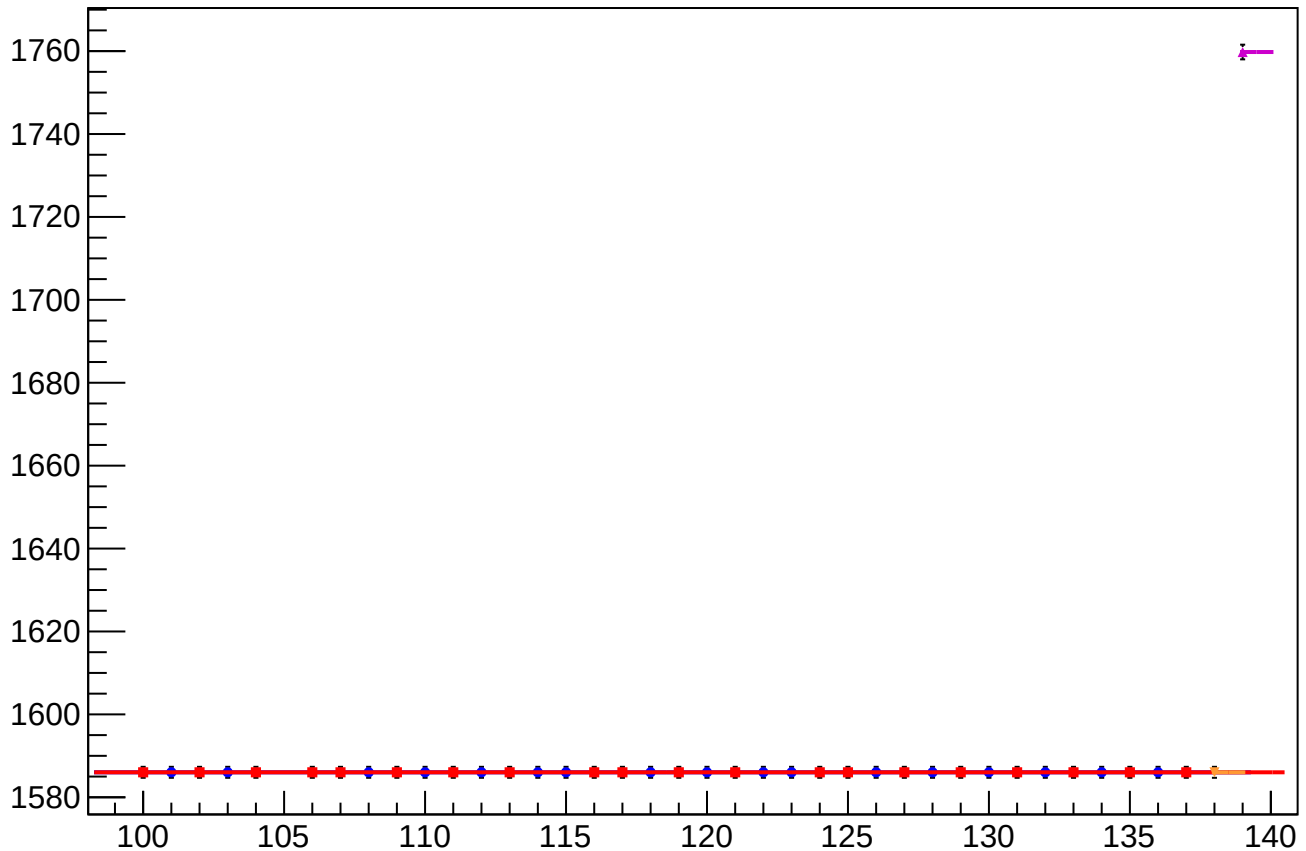
Right Out: 800.138+/-419.047 χ^2/NDF : 0.0/19

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

800.138+/-441.714 χ^2/NDF : 0.0/17

887.388+/-413.314 χ^2/NDF : 1.6/20

asym_usr_correction_rms vs Slug



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

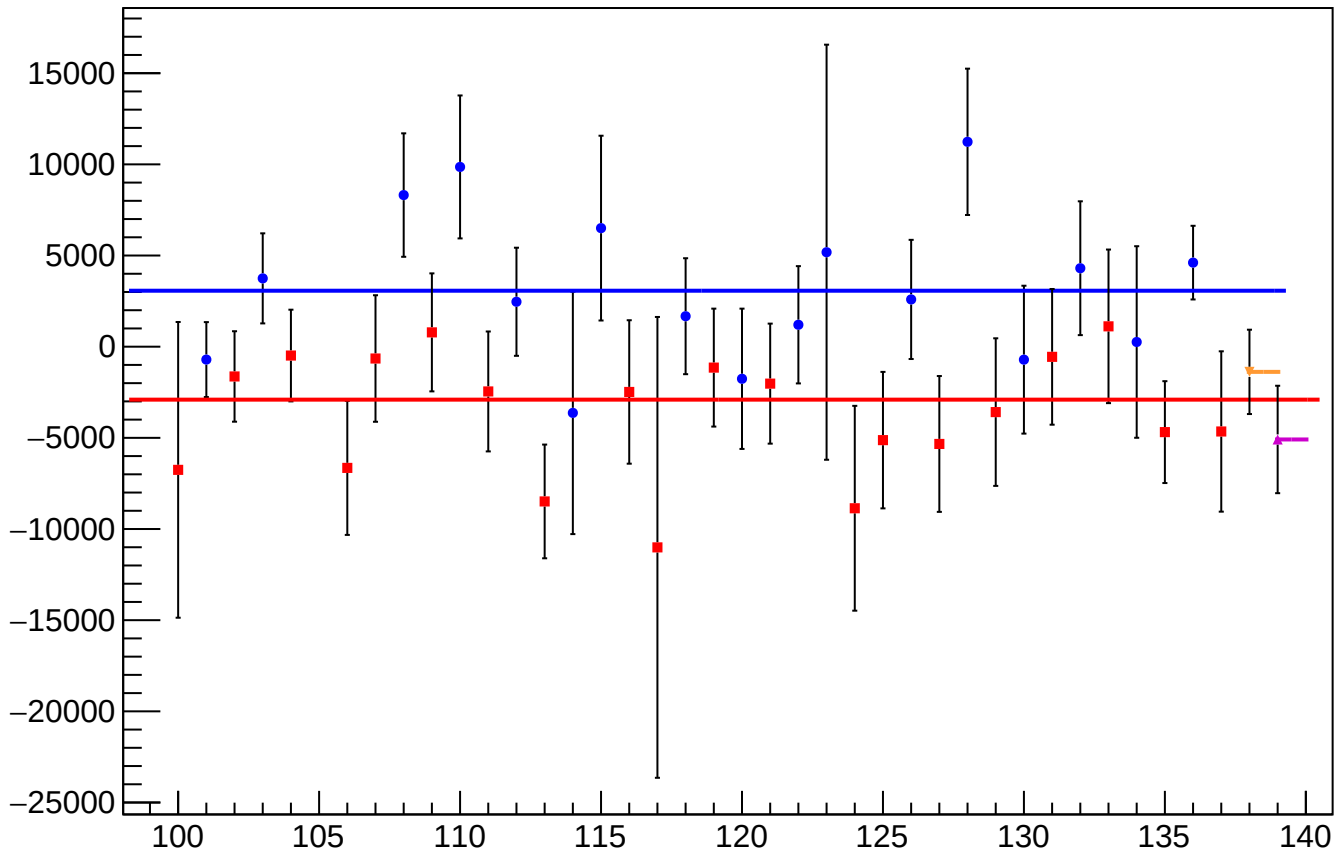
Right Out: 1586.027 $\pm$ 0.296 χ^2 /NDF: 0.0/19

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

1586.027 $\pm$ 0.312 χ^2 /NDF: 0.0/17

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

asym_usr_mean vs Slug



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

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

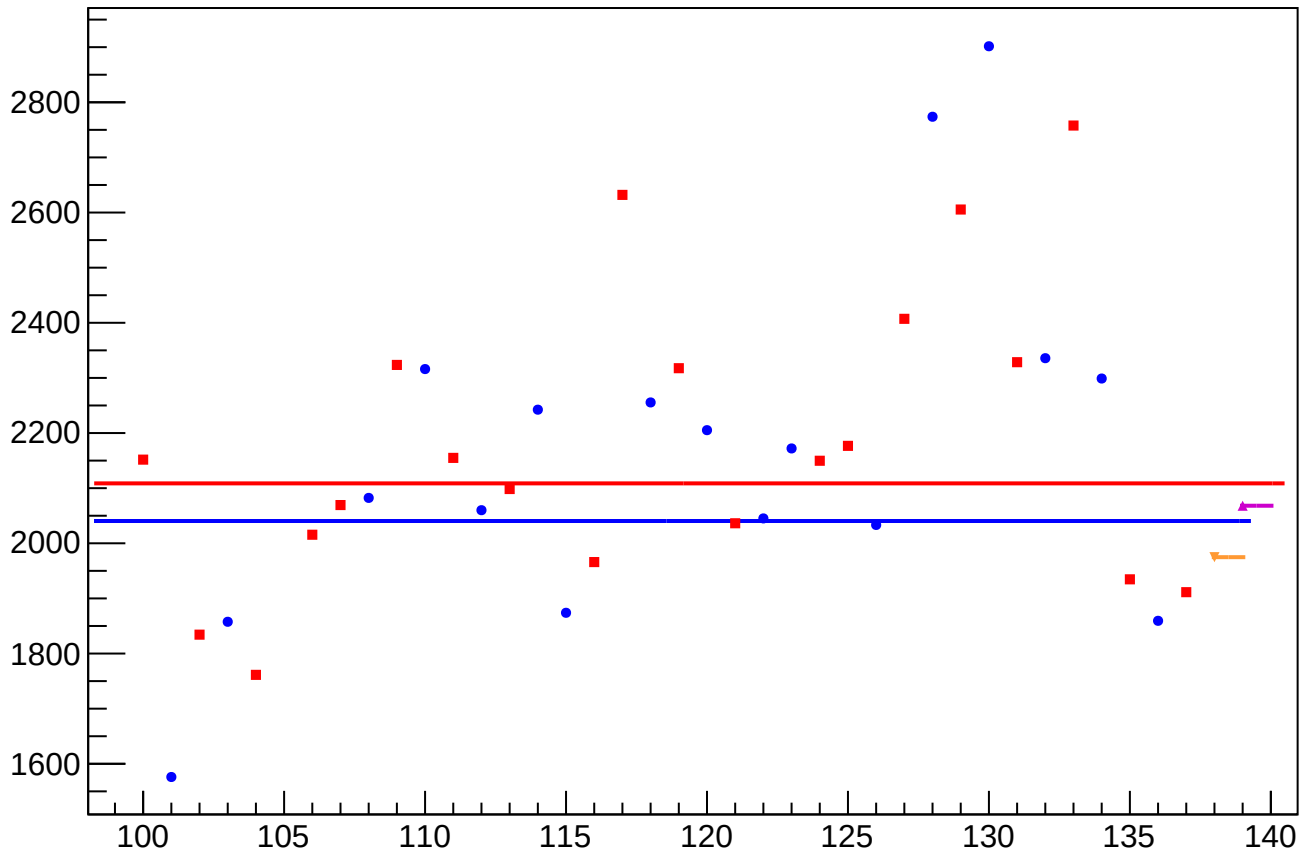
Right Out: -2904.708+/-793.782 χ^2/NDF : 12.0/19

Left In: -5088.742+/-2946.094 χ^2/NDF : 0.0/0

2596.311+/-754.147 χ^2/NDF : 21.8/17

-3052.528+/-766.449 χ^2/NDF : 12.5/20

asym_usr_rms vs Slug



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

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

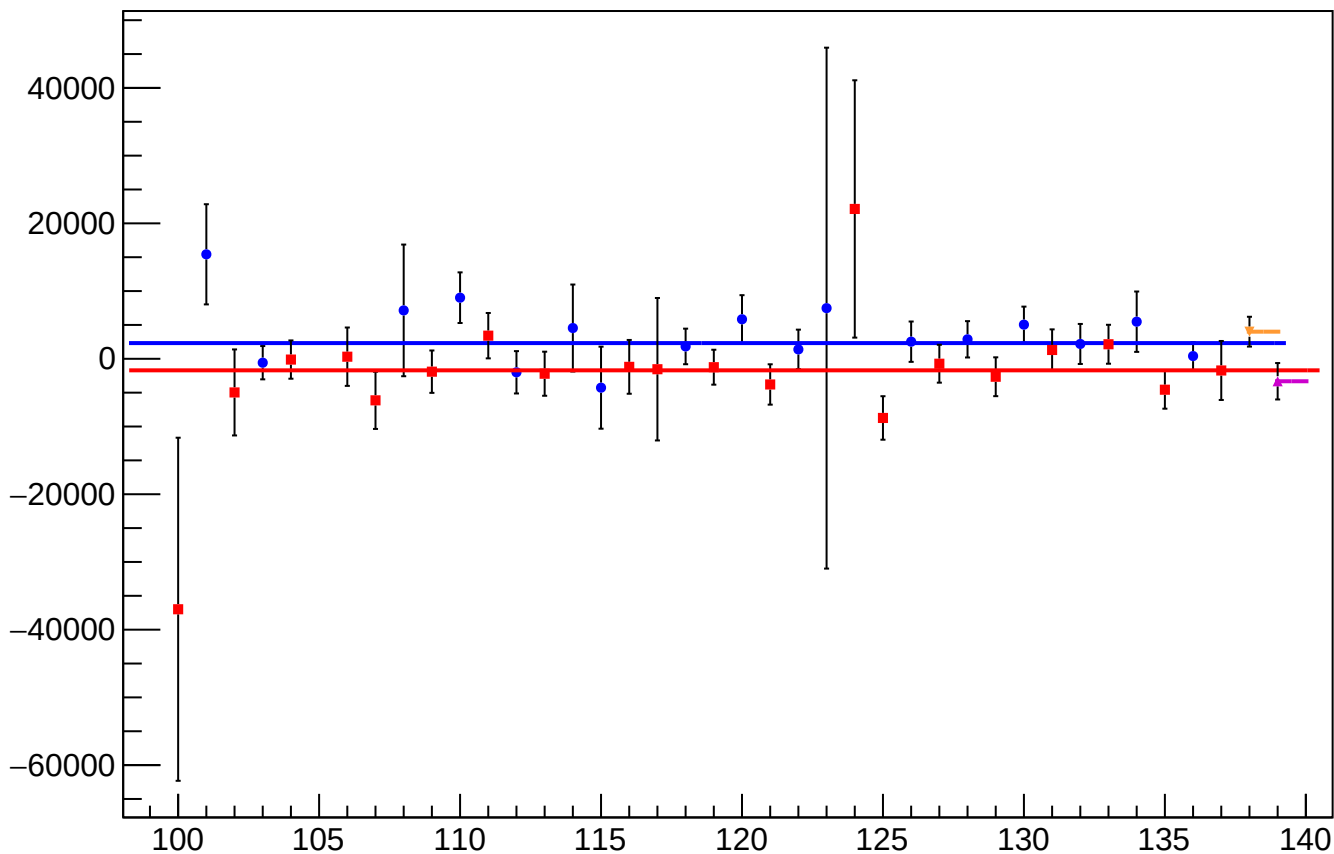
Right Out: 2108.696+/-0.561 χ^2/NDF : 198858.0/19

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

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

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

dit_asym_at1_avg_mean vs Slug



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

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

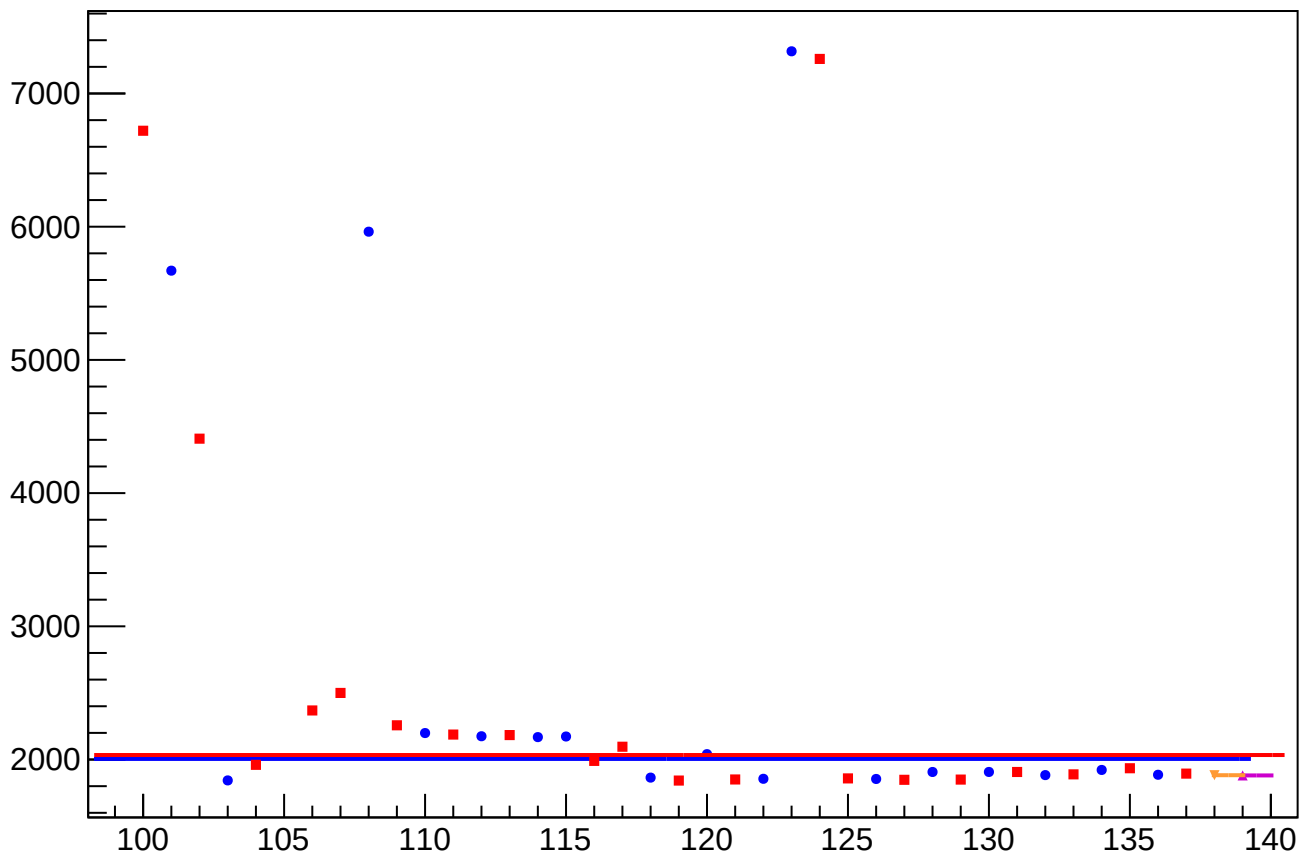
Right Out: -1704.595 $\pm$ 780.689 χ^2 /NDF: 17.2/19

Left In: -3317.395 $\pm$ 2689.475 χ^2 /NDF: 0.0/0

2516.481 $\pm$ 753.062 χ^2 /NDF: 15.3/17

-1829.929 $\pm$ 749.741 χ^2 /NDF: 17.5/20

dit_asym_at1_avg_rms vs Slug



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

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

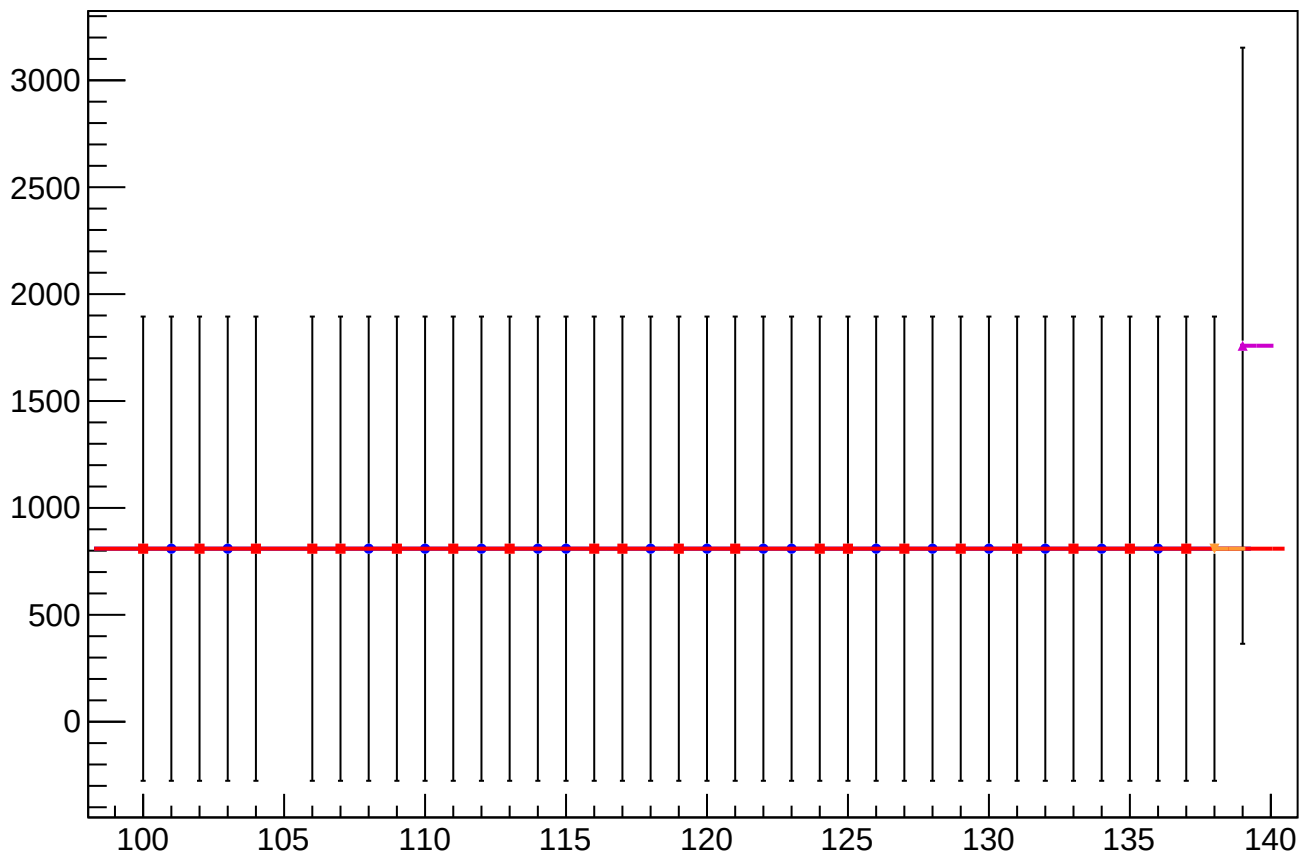
1990.246+/-0.532 χ^2/NDF : 921455.4/17

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

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

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

asym_at1_avg_correction_mean vs Slug



Right In: 809.345 $\pm$ 263.303 χ^2 /NDF: 0.0/16

Left Out: 809.345 $\pm$ 1085.626 χ^2 /NDF: 0.0/0

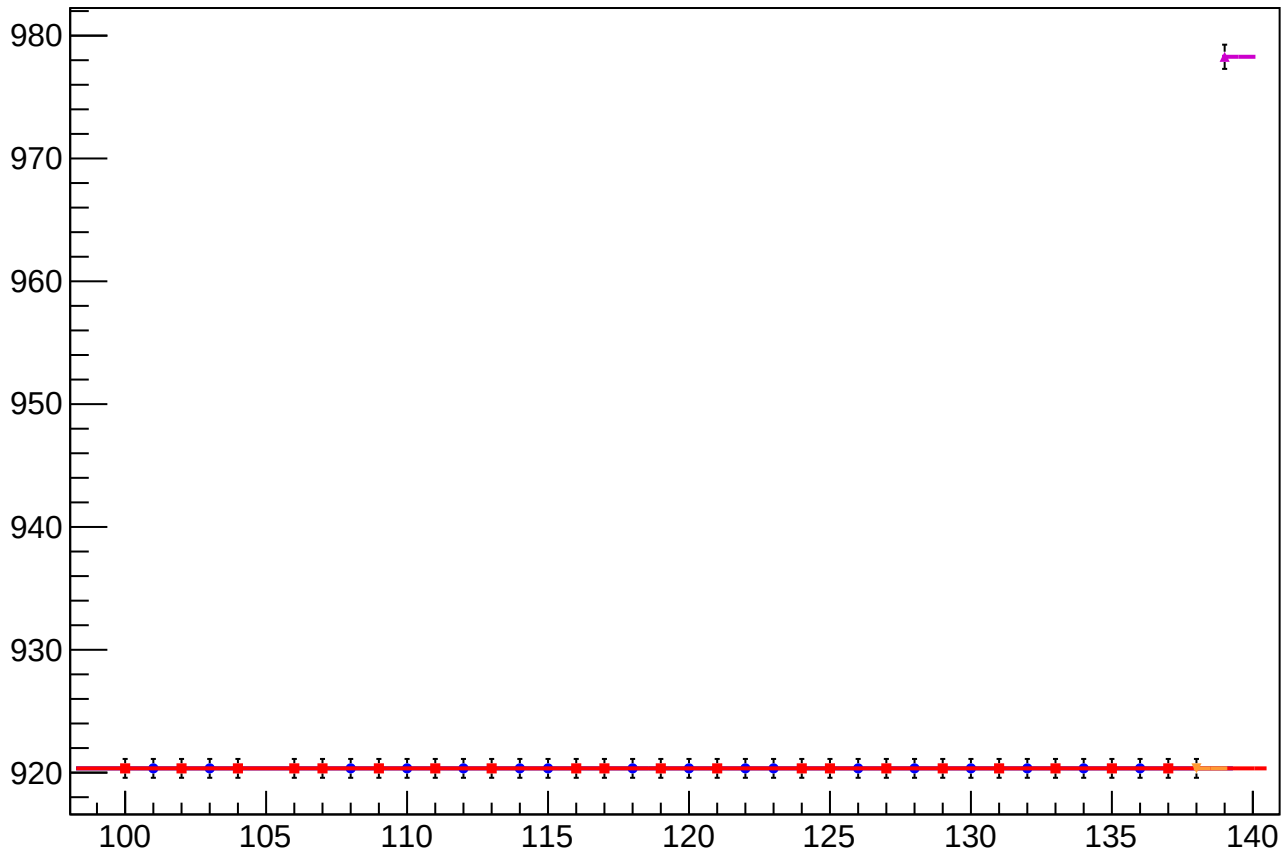
Right Out: 809.345 $\pm$ 242.753 χ^2 /NDF: 0.0/19

Left In: 1758.572 $\pm$ 1394.050 χ^2 /NDF: 0.0/0

809.345 $\pm$ 255.884 χ^2 /NDF: 0.0/17

837.281 $\pm$ 239.154 χ^2 /NDF: 0.4/20

asym_at1_avg_correction_rms vs Slug



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

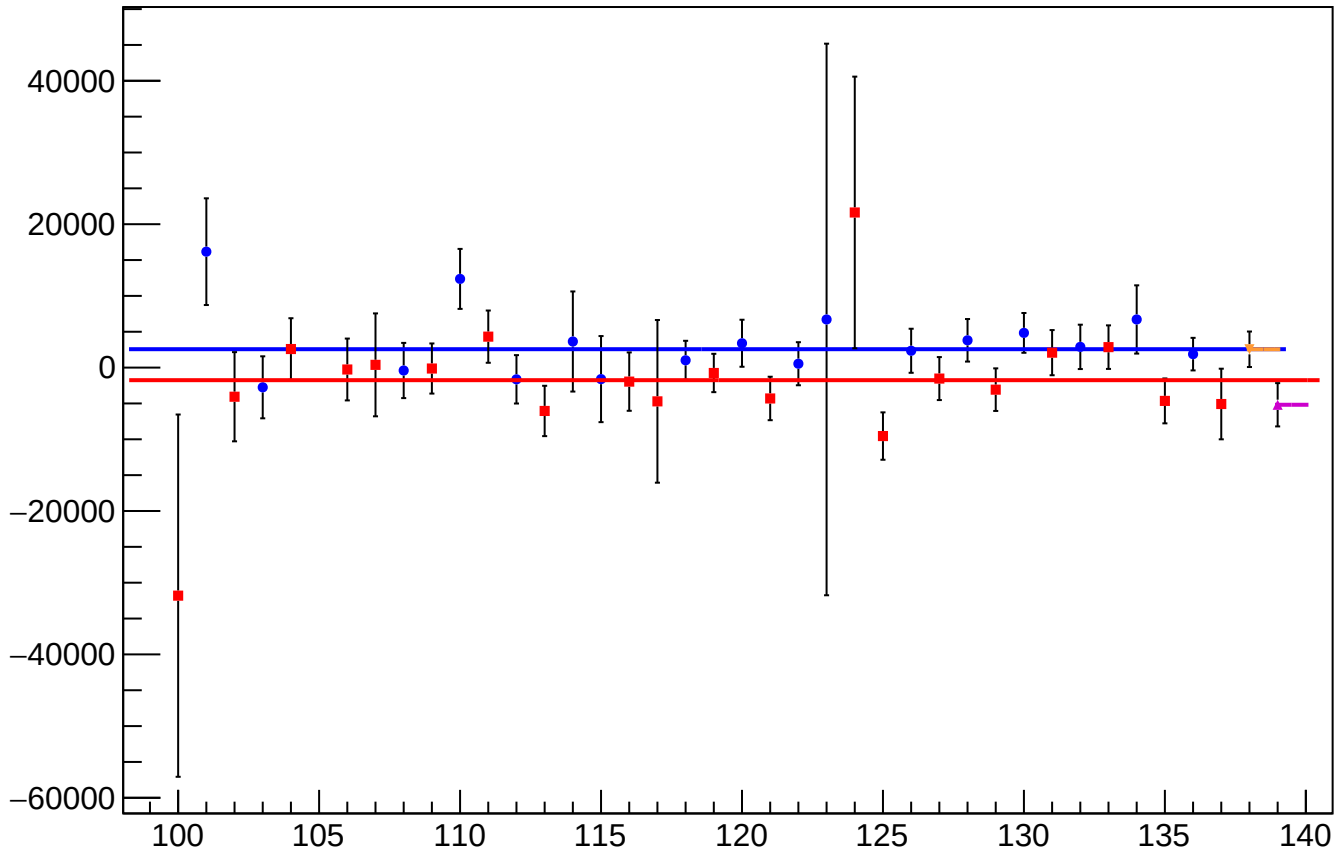
Right Out: 920.346 $\pm$ 0.172 χ^2 /NDF: 0.0/19

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

920.346 $\pm$ 0.181 χ^2 /NDF: 0.0/17

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

asym_at1_avg_mean vs Slug



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

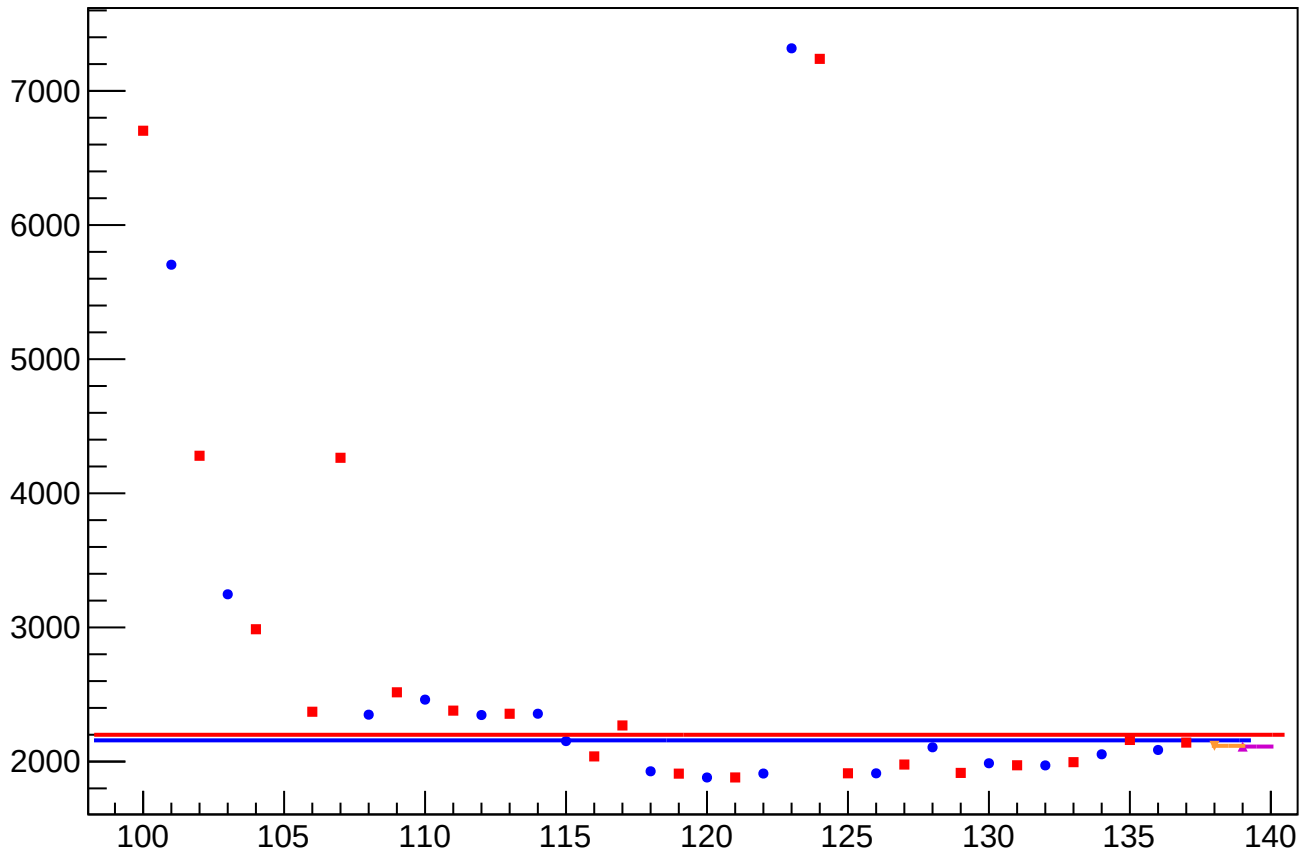
Right Out: -1754.395 $\pm$ 850.779 χ^2 /NDF: 20.6/19

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

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

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

asym_at1_avg_rms vs Slug



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

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

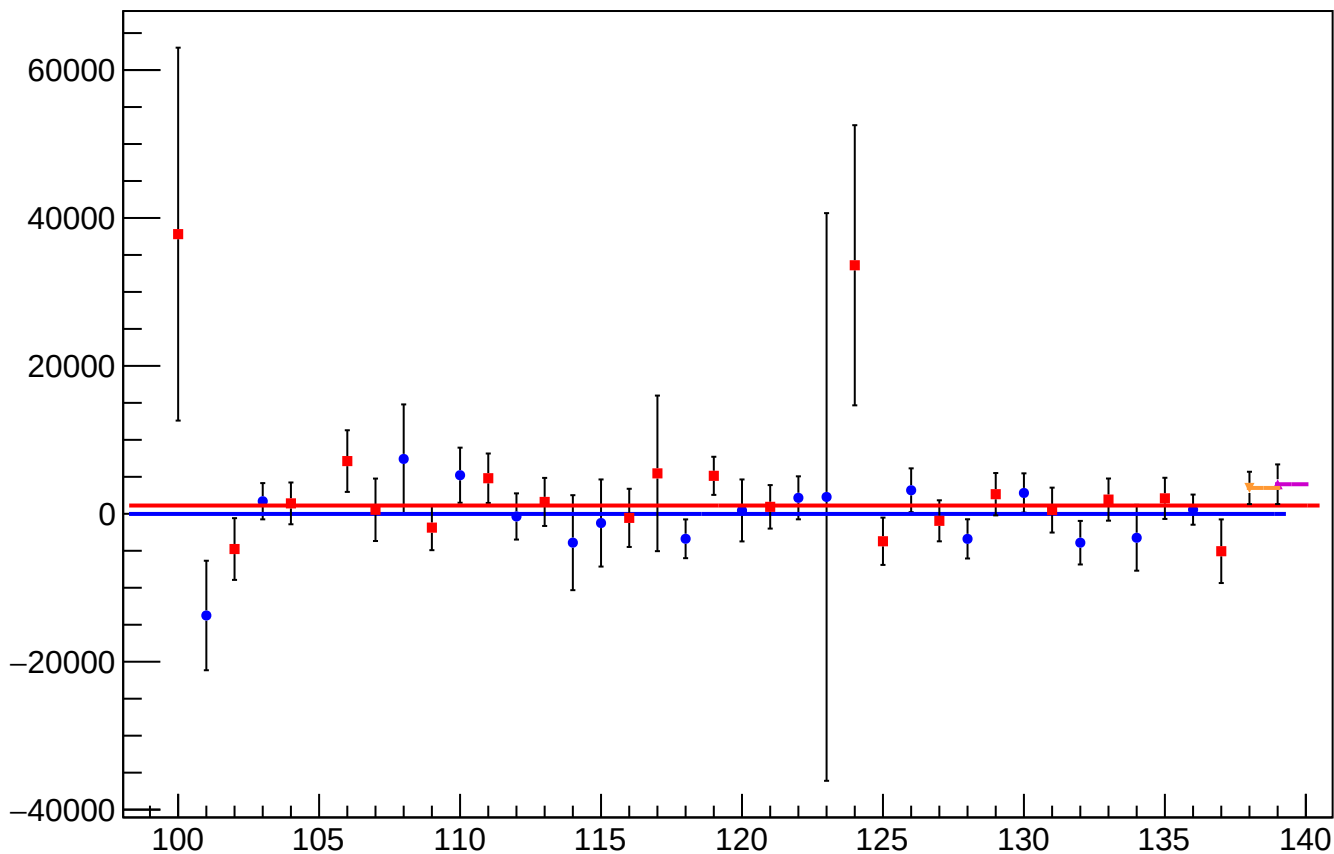
Right Out: 2199.736+/-0.602 χ^2/NDF : 803097.4/19

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

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

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

dit_asym_at1_dd_mean vs Slug



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

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

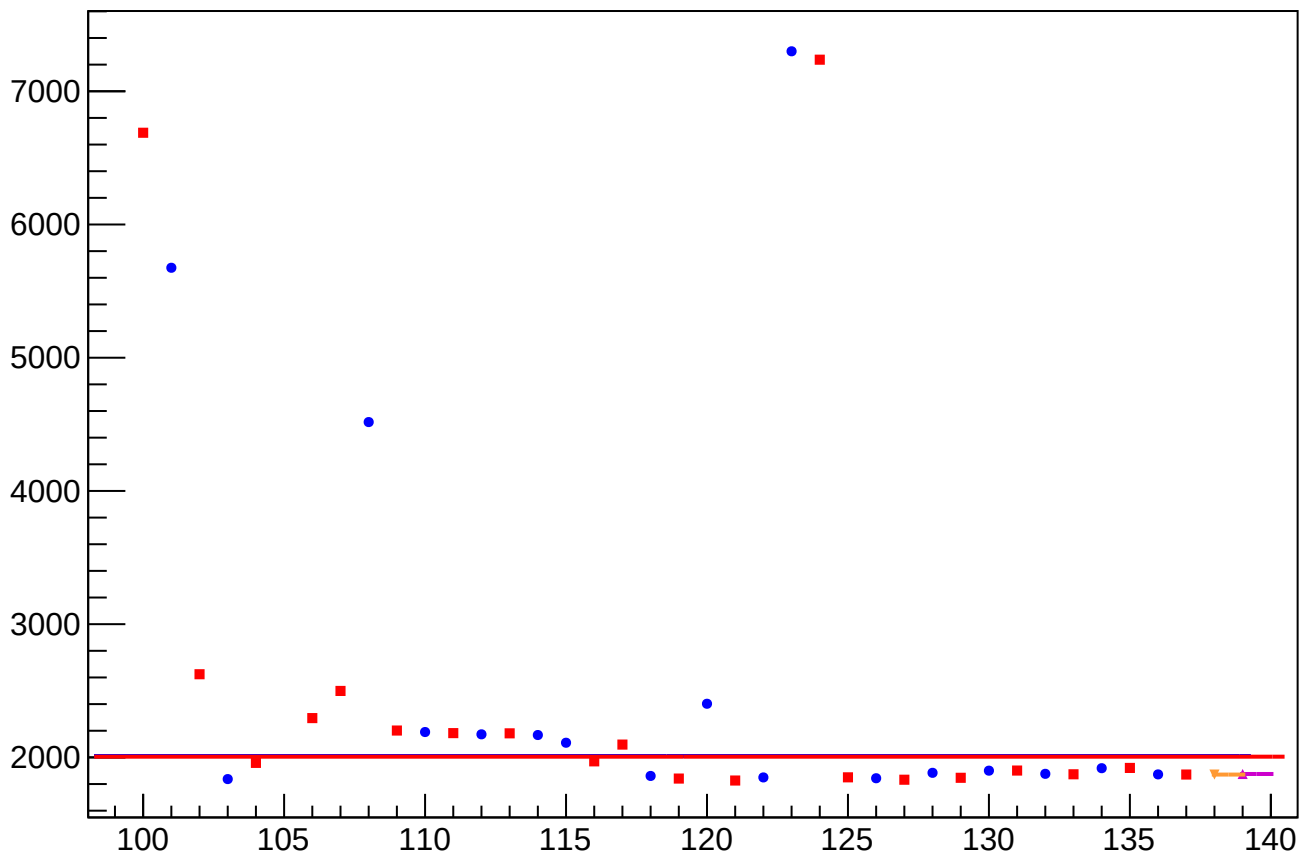
Right Out: 1118.717 ± 767.670 χ^2/NDF : 19.6/19

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

397.612 ± 752.500 χ^2/NDF : 18.1/17

1336.620 ± 738.035 χ^2/NDF : 20.6/20

dit_asym_at1_dd_rms vs Slug



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

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

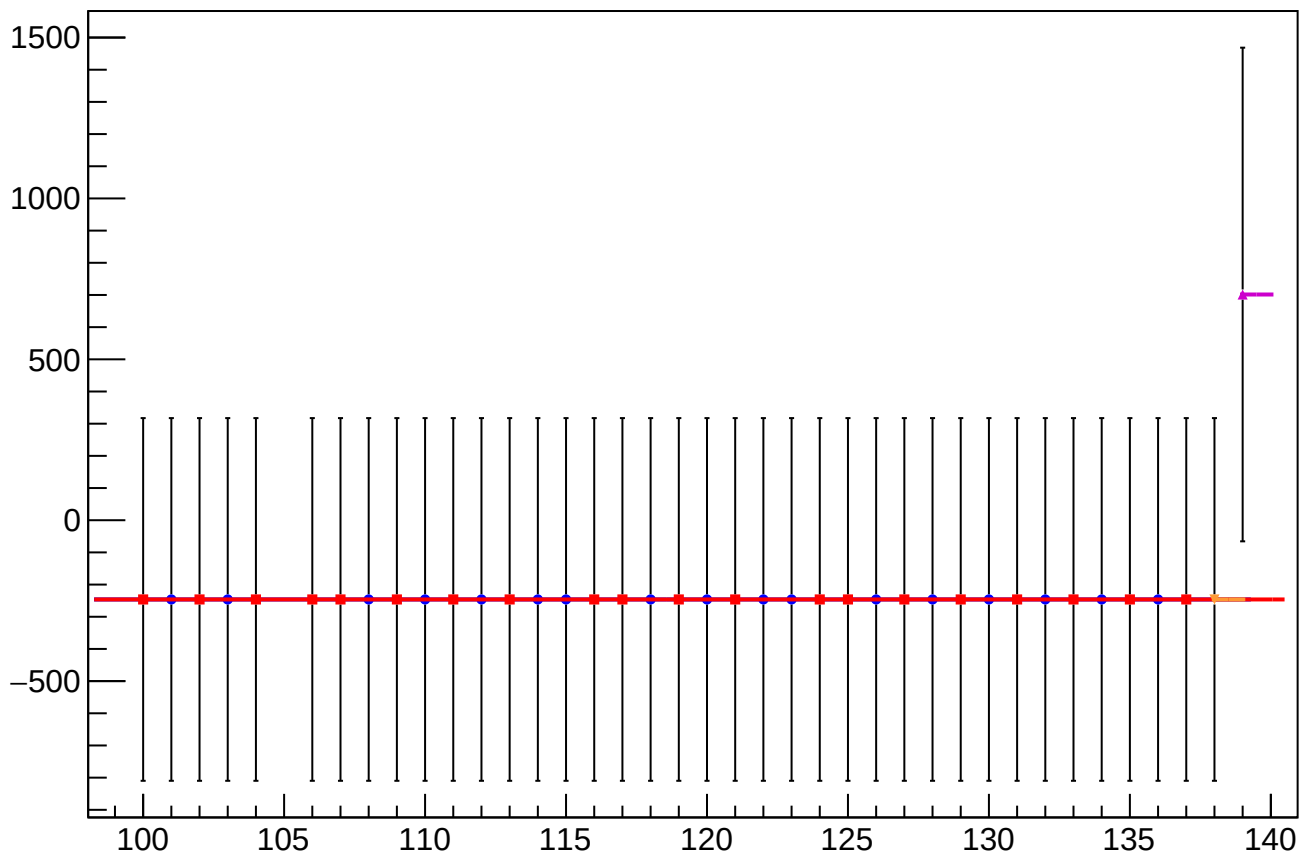
Right Out: 2005.369+/-0.543 χ^2/NDF : 367662.8/19

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

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

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

asym_at1_dd_correction_mean vs Slug



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

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

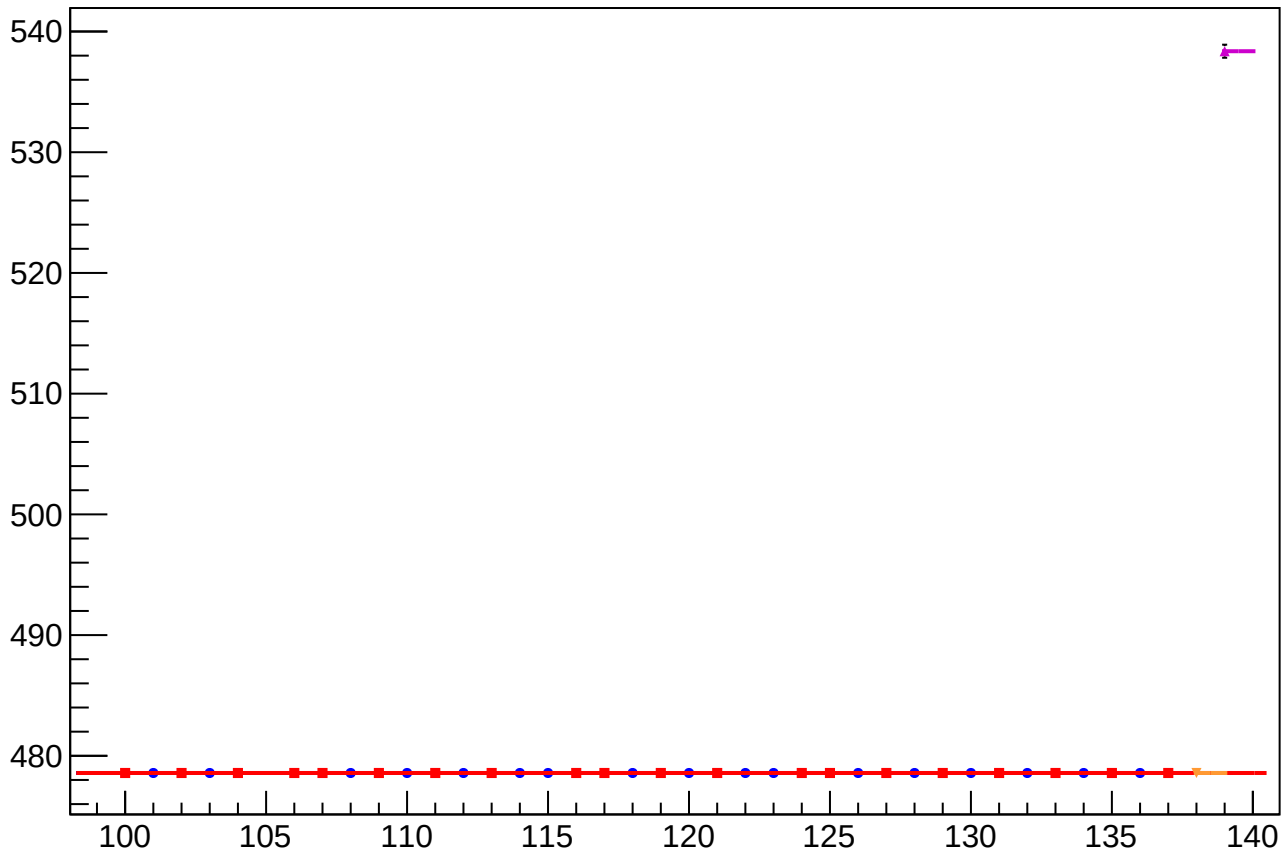
Right Out: -246.217+/-126.019 χ^2/NDF : 0.0/19

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

-246.217+/-132.835 χ^2/NDF : 0.0/17

-221.313+/-124.352 χ^2/NDF : 1.5/20

asym_at1_dd_correction_rms vs Slug



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

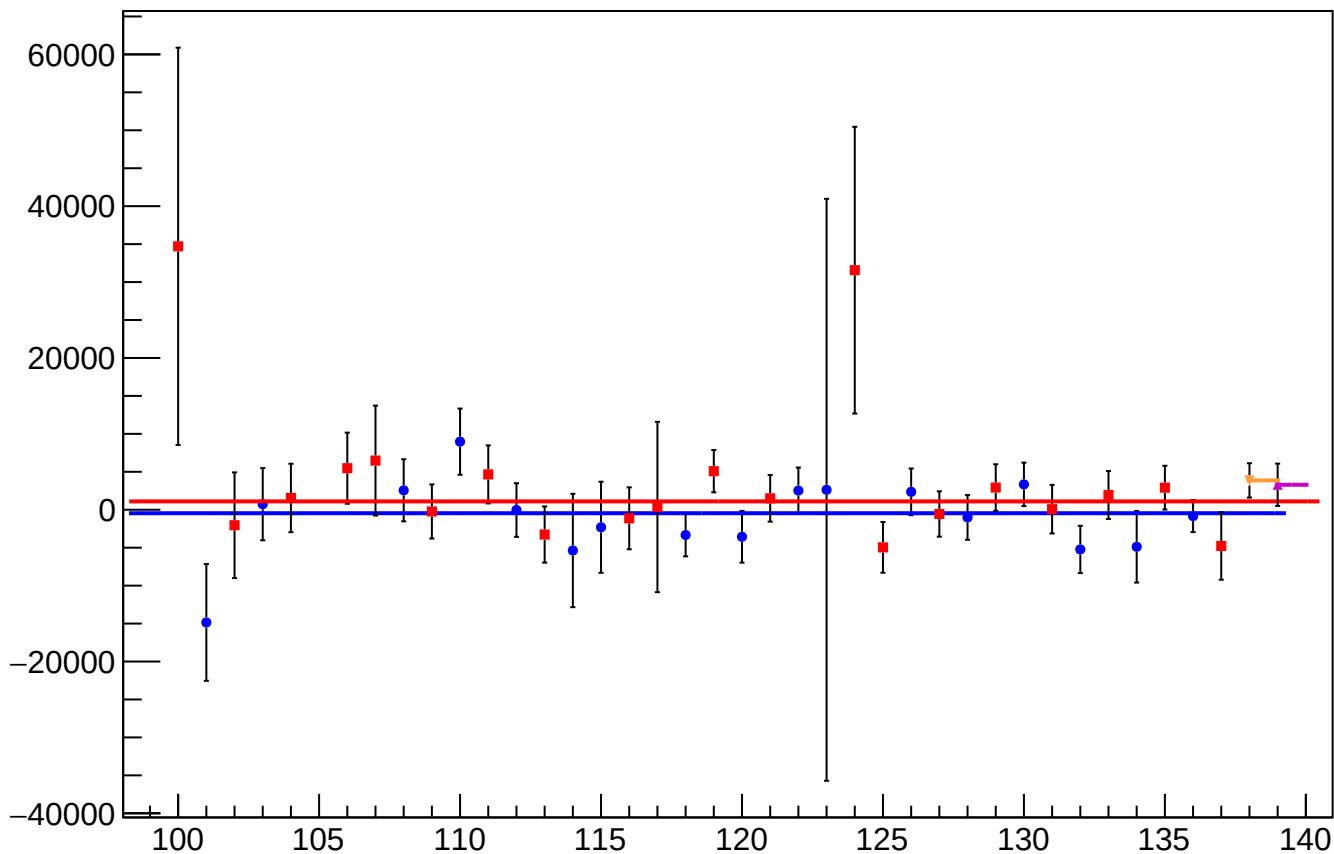
Right Out: 478.577 $\pm$ 0.089 χ^2 /NDF: 0.0/19

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

478.577 $\pm$ 0.094 χ^2 /NDF: 0.0/17

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

asym_at1_dd_mean vs Slug



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

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

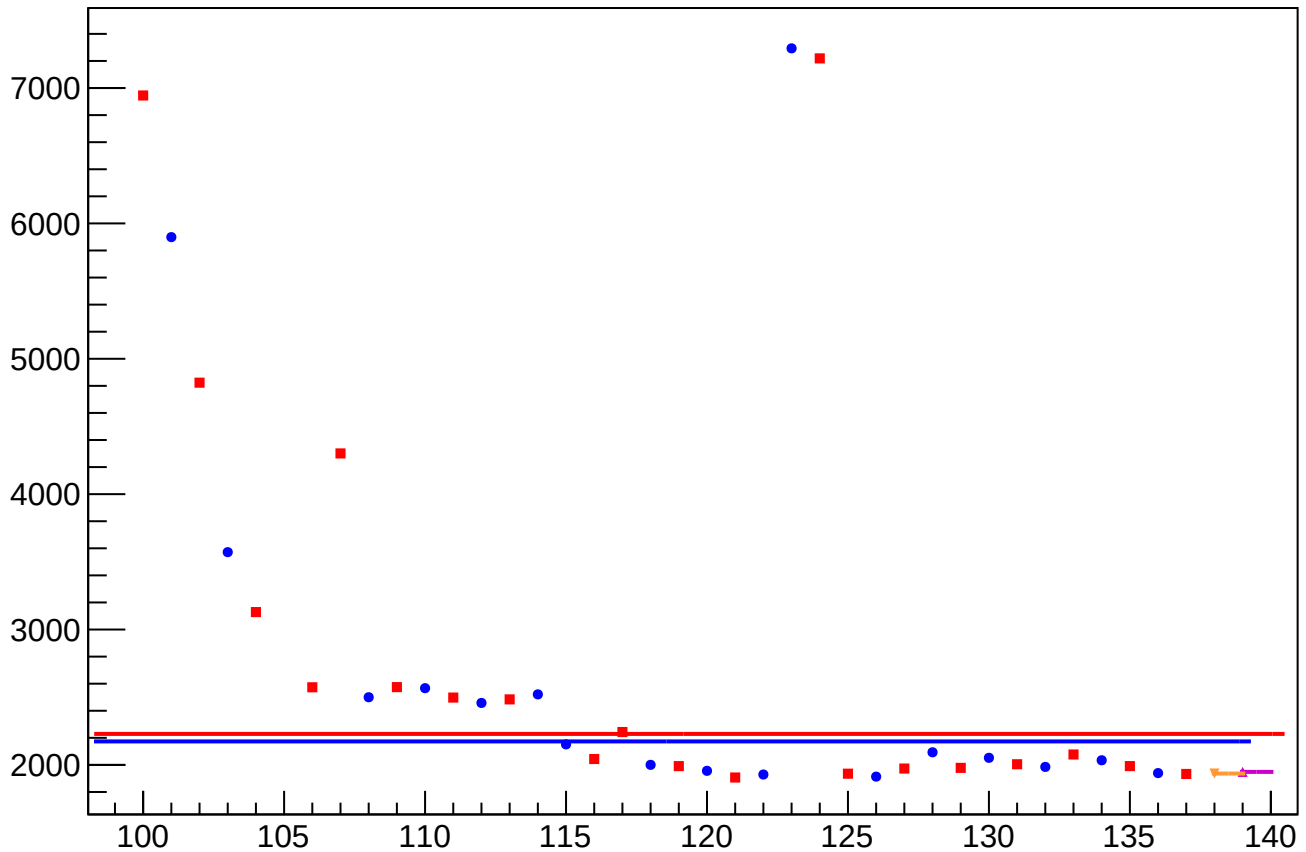
Right Out: 1099.895+/-864.581 χ^2/NDF : 16.9/19

Left In: 3289.478+/-2786.168 χ^2/NDF : 0.0/0

92.771+/-808.136 χ^2/NDF : 21.2/17

1292.218+/-825.738 χ^2/NDF : 17.5/20

asym_at1_dd_rms vs Slug



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

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

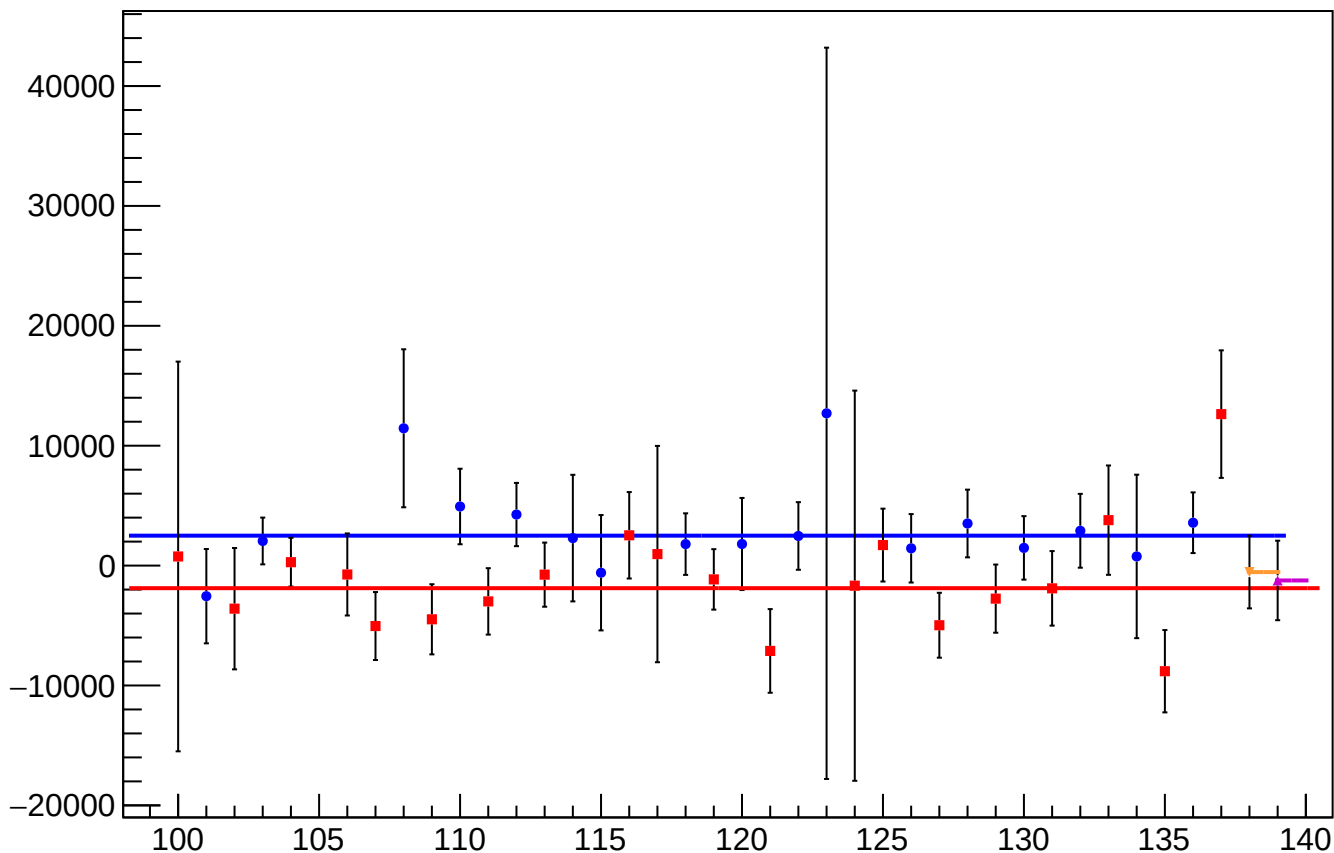
Right Out: 2228.976+/-0.611 χ^2/NDF : 895866.5/19

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

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

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

dit_asym_at2_avg_mean vs Slug



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

Left Out: -541.522+/-3027.495 χ^2/NDF : 0.0/0

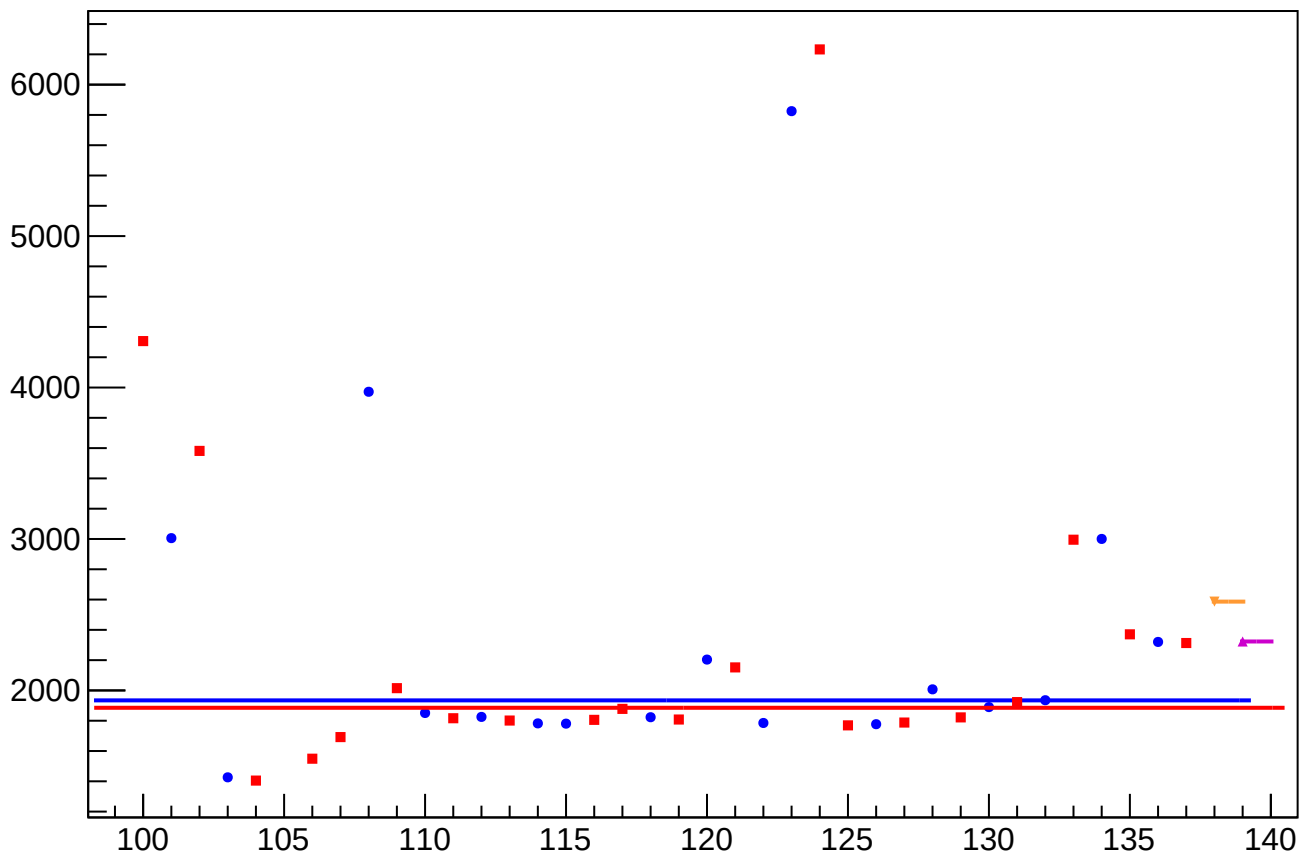
Right Out: -1883.997+/-734.348 χ^2/NDF : 23.6/19

Left In: -1239.760+/-3315.861 χ^2/NDF : 0.0/0

2312.791+/-744.690 χ^2/NDF : 6.8/17

-1853.877+/-716.976 χ^2/NDF : 23.6/20

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2586.475 $\pm$ 2.141 χ^2 /NDF: 0.0/0

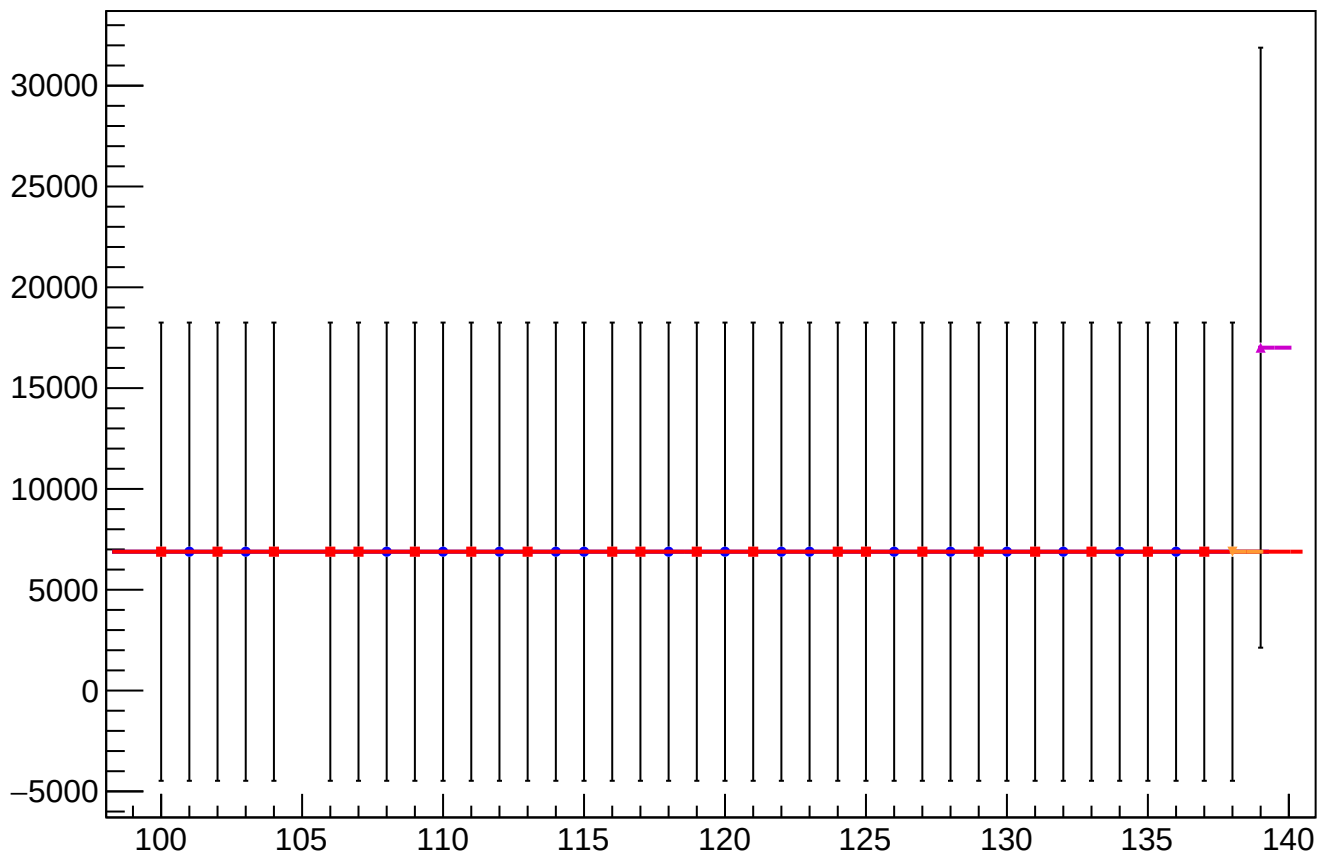
Right Out: 1885.498 $\pm$ 0.519 χ^2 /NDF: 752093.1/19

Left In: 2323.231 $\pm$ 2.345 χ^2 /NDF: 0.0/0

1973.857 $\pm$ 0.527 χ^2 /NDF: 726086.4/17

1905.957 $\pm$ 0.507 χ^2 /NDF: 785318.3/20

asym_at2_avg_correction_mean vs Slug



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

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

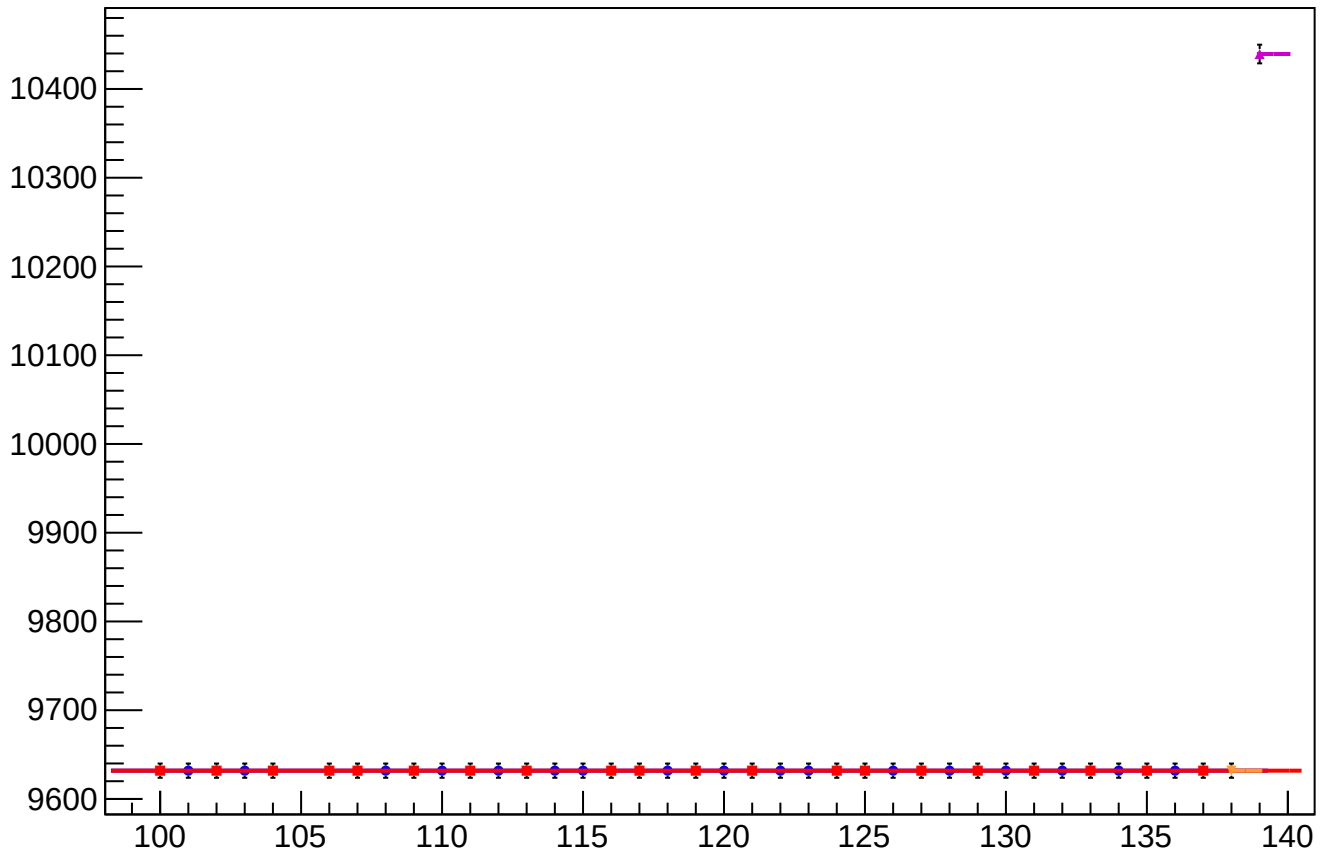
Right Out: 6887.405+/-2540.843 χ^2/NDF : 0.0/19

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

6887.405+/-2678.284 χ^2/NDF : 0.0/17

7174.096+/-2504.589 χ^2/NDF : 0.4/20

asym_at2_avg_correction_rms vs Slug



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

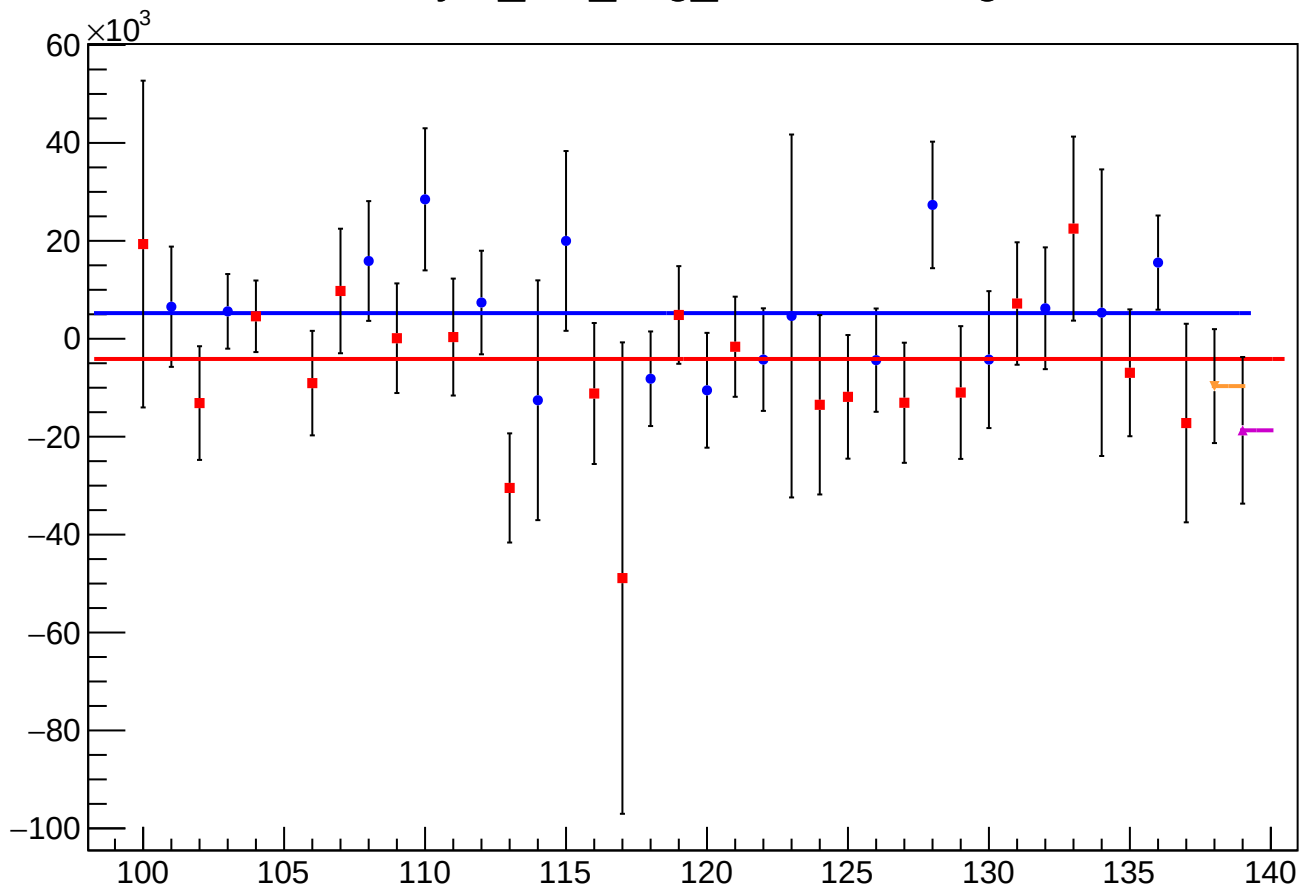
Right Out: 9631.878 $\pm$ 1.797 χ^2 /NDF: 0.0/19

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

9631.878 $\pm$ 1.894 χ^2 /NDF: 0.0/17

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

asym_at2_avg_mean vs Slug



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

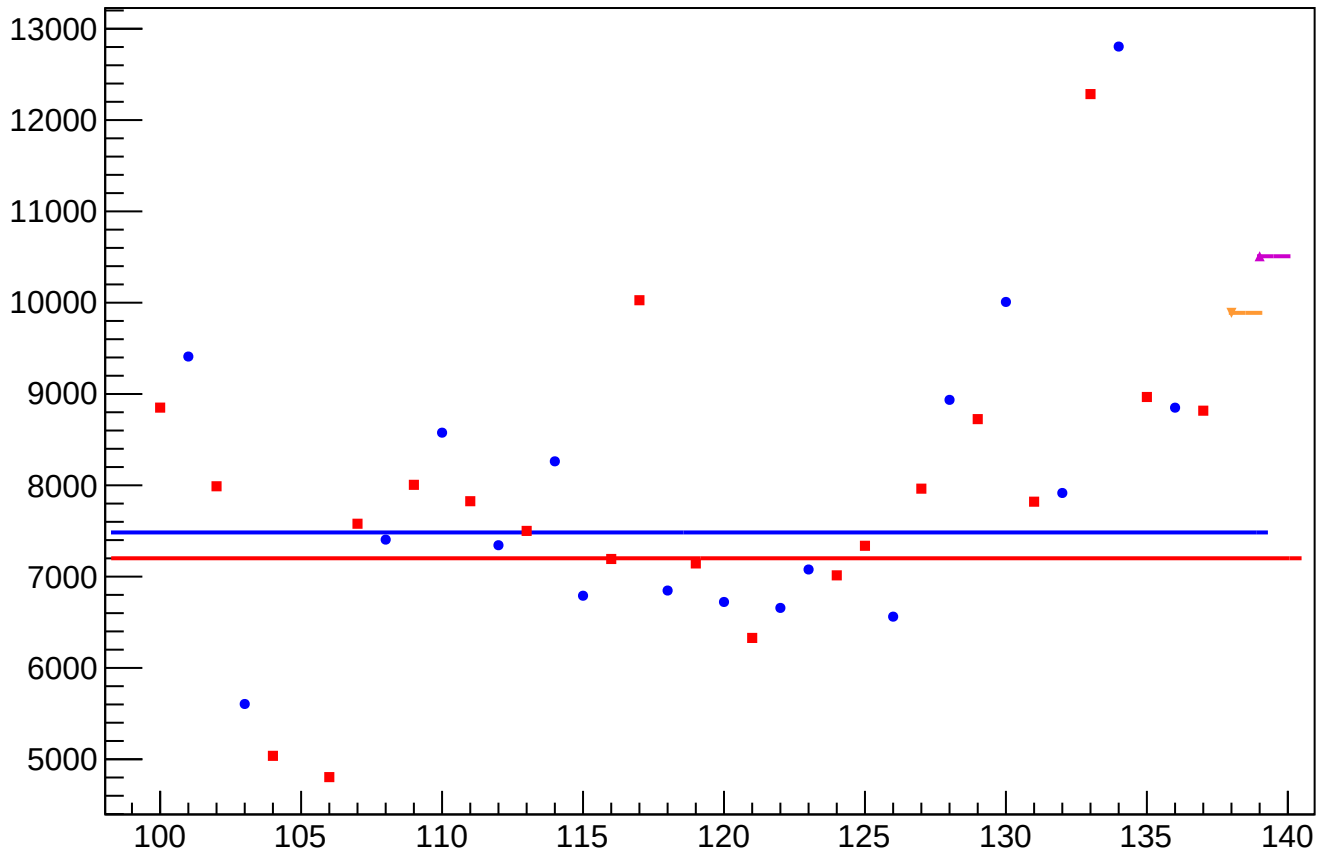
Right Out: -4126.409 $\pm$ 2785.746 χ^2 /NDF: 16.5/19

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

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

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

asym_at2_avg_rms vs Slug



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

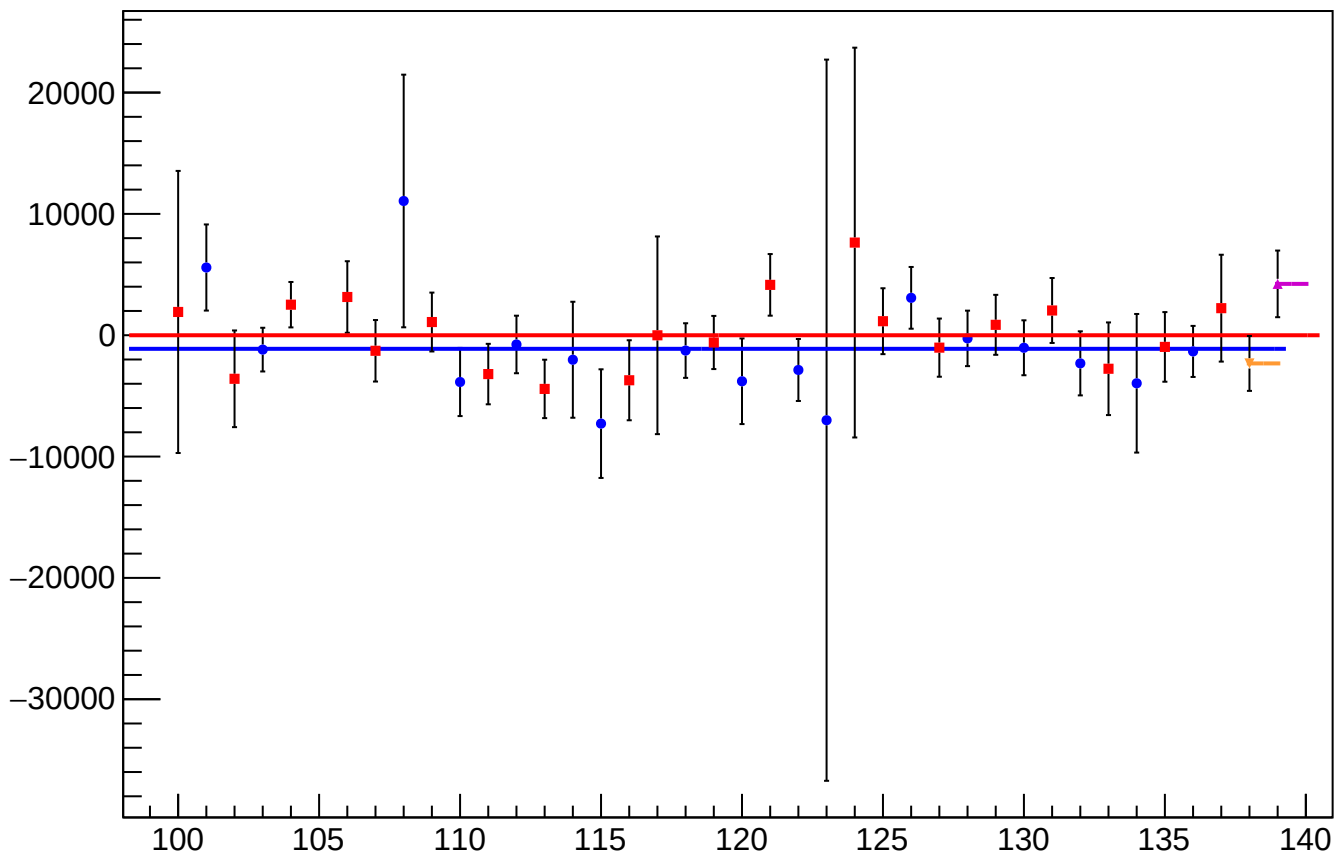
Right Out: 7200.943 $\pm$ 1.970 χ^2 /NDF: 565668.0/19

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

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

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

dit_asym_at2_dd_mean vs Slug



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

Left Out: -2323.885 $\pm$ 2262.975 χ^2 /NDF: 0.0/0

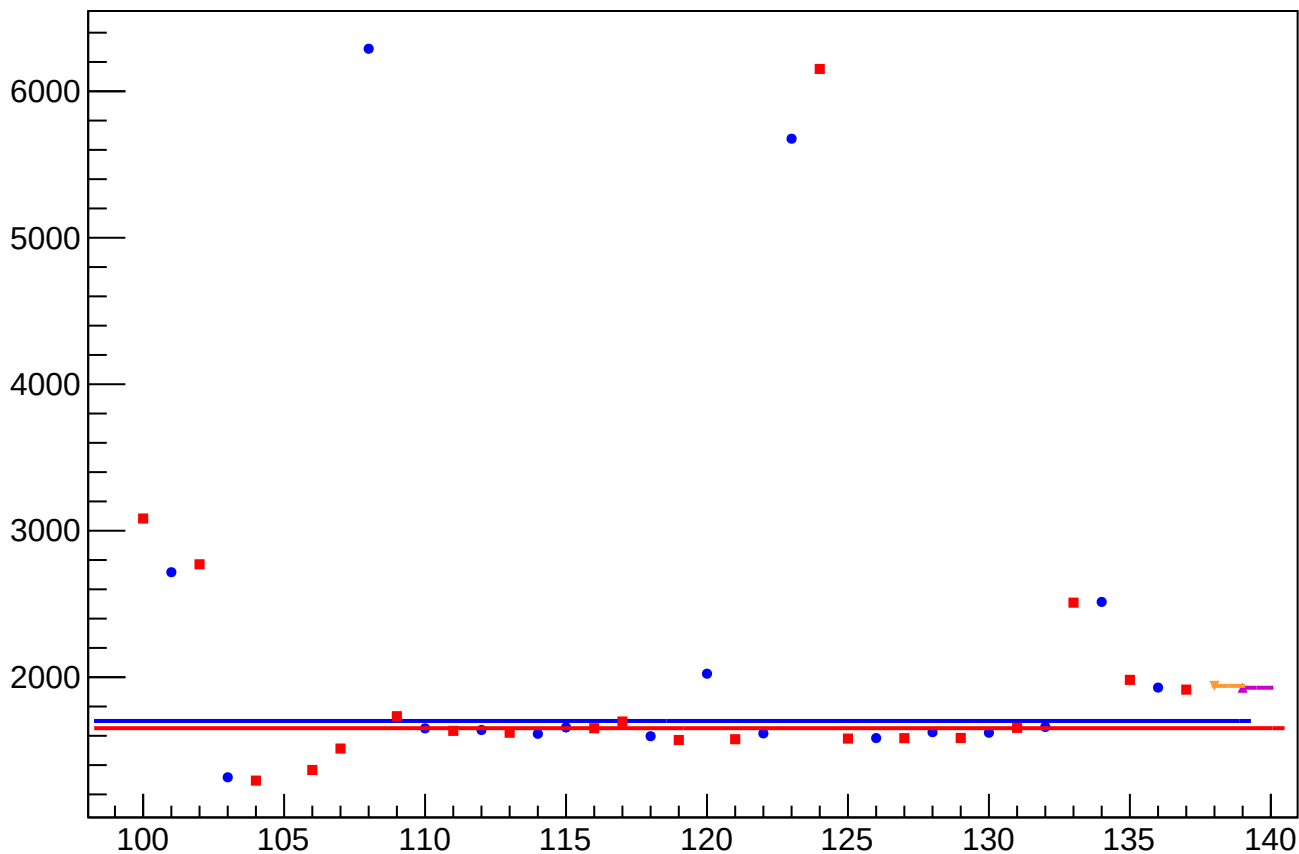
Right Out: -2.535 $\pm$ 637.715 χ^2 /NDF: 15.5/19

Left In: 4231.495 $\pm$ 2746.341 χ^2 /NDF: 0.0/0

-1219.931 $\pm$ 650.497 χ^2 /NDF: 12.5/17

214.081 $\pm$ 621.188 χ^2 /NDF: 17.7/20

dit_asym_at2_dd_rms vs Slug



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

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

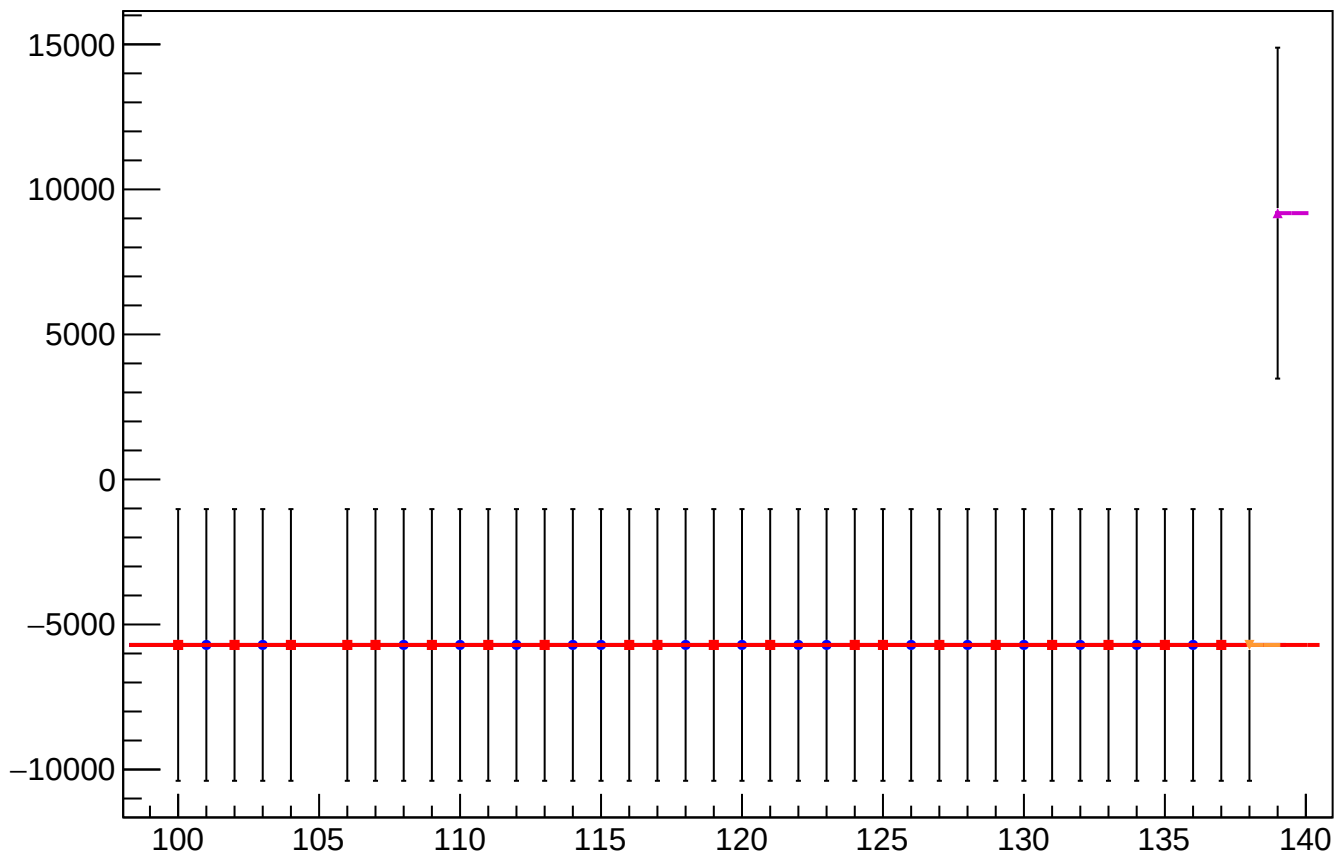
Right Out: 1652.015+/-0.451 χ^2/NDF : 588905.2/19

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

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

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

asym_at2_dd_correction_mean vs Slug



Right In: -5705.463+/-1135.931 χ^2/NDF : 0.0/16

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

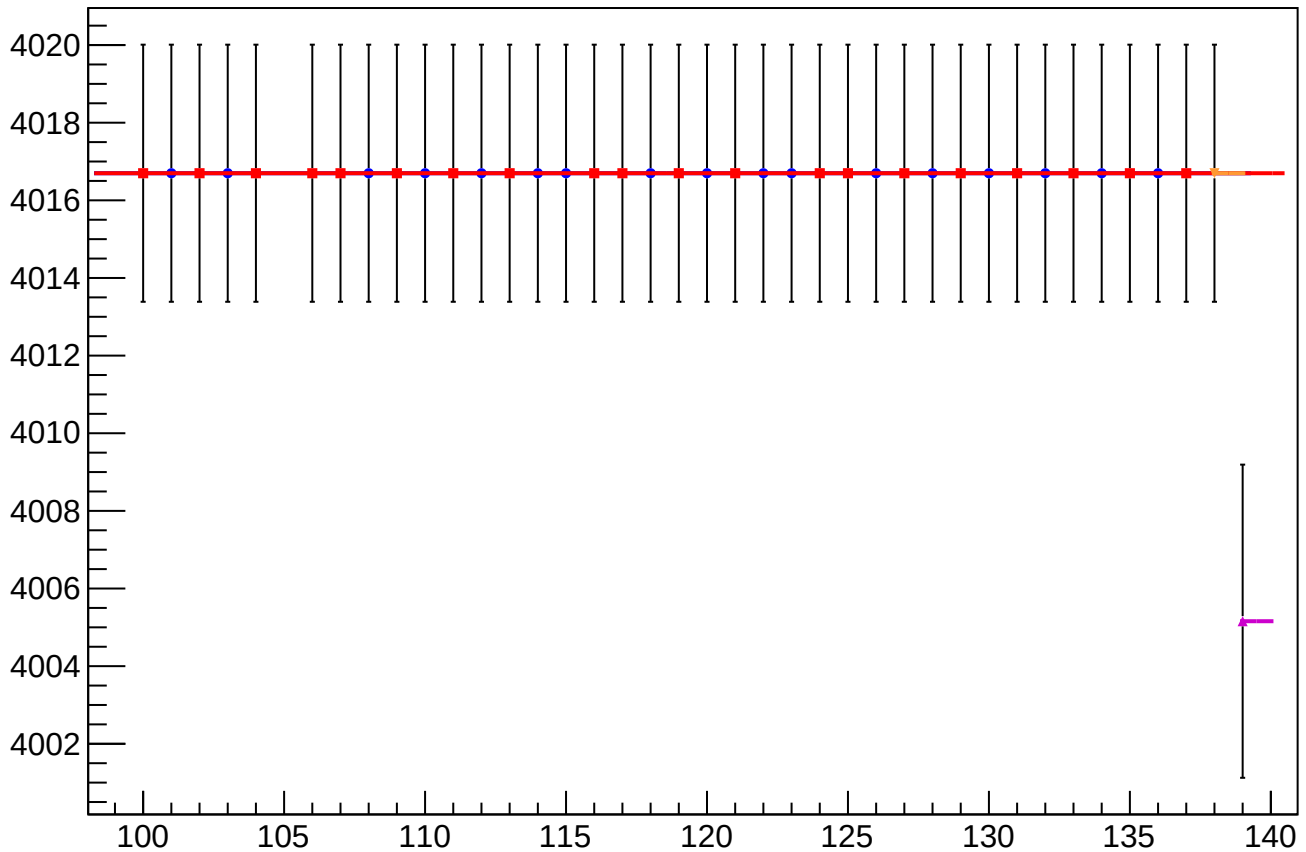
Right Out: -5705.463+/-1047.276 χ^2/NDF : 0.0/19

Left In: 9181.399+/-5704.599 χ^2/NDF : 0.0/0

-5705.463+/-1103.926 χ^2/NDF : 0.0/17

-5220.085+/-1030.062 χ^2/NDF : 6.6/20

asym_at2_dd_correction_rms vs Slug



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

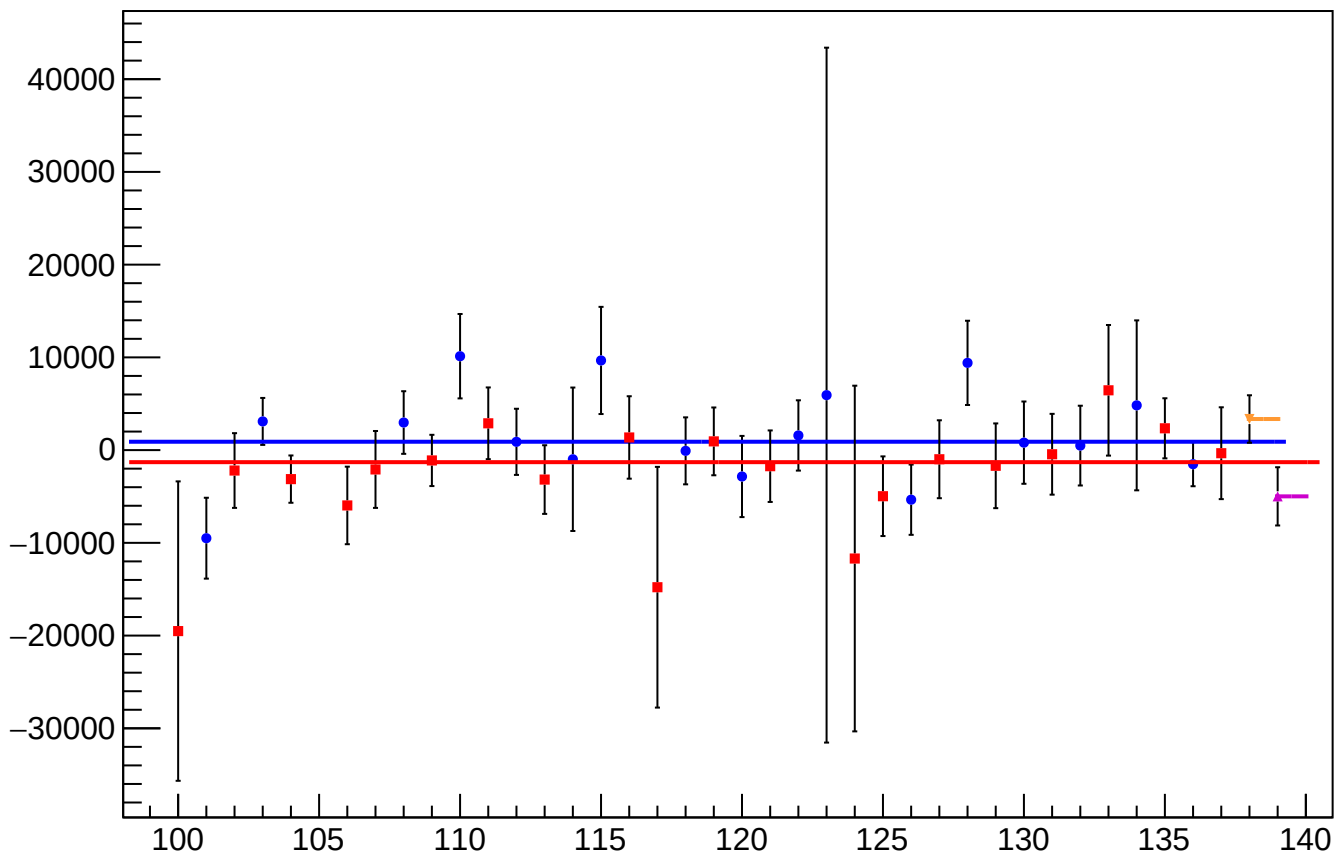
Right Out: 4016.698 $\pm$ 0.741 χ^2 /NDF: 0.0/19

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

4016.698 $\pm$ 0.781 χ^2 /NDF: 0.0/17

4016.322 $\pm$ 0.728 χ^2 /NDF: 7.9/20

asym_at2_dd_mean vs Slug



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

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

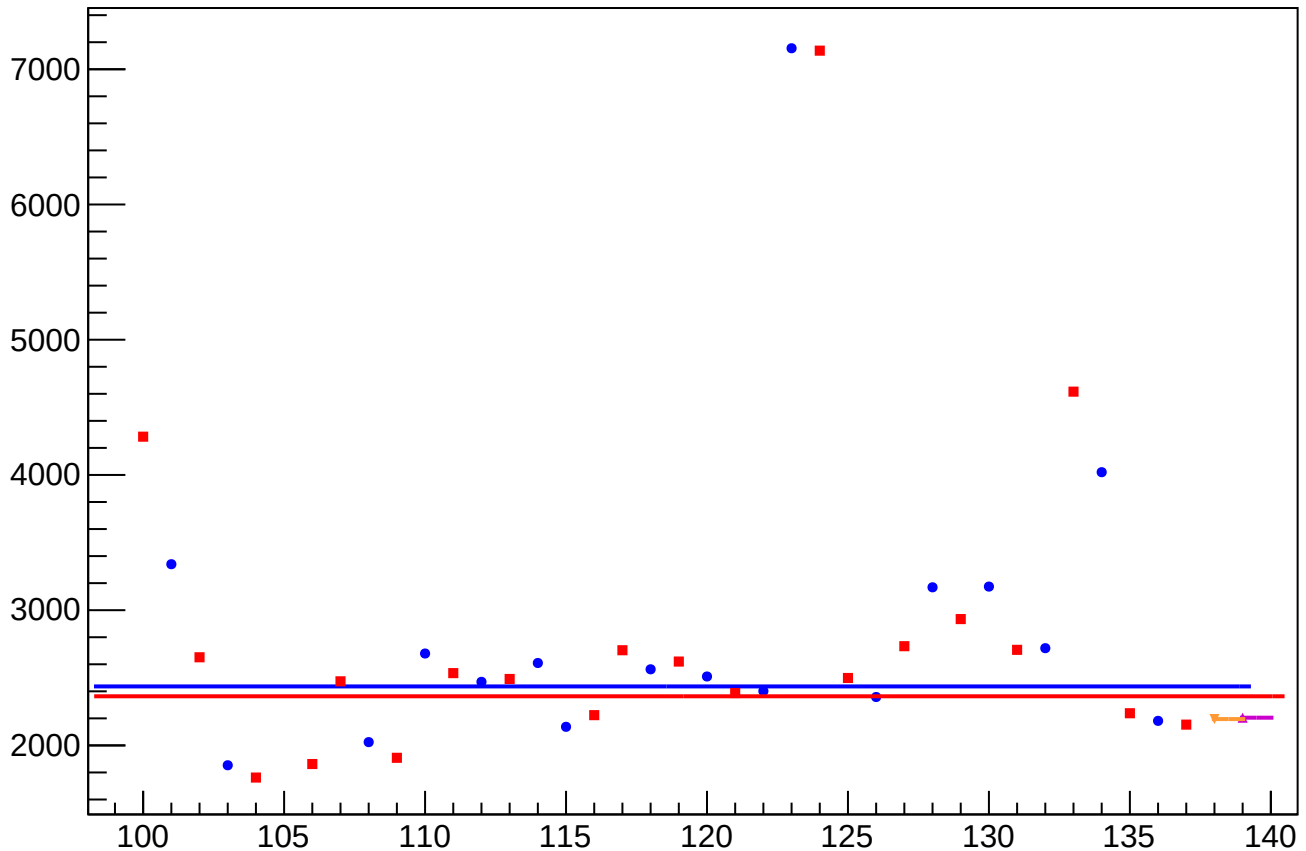
Right Out: -1299.511+/-922.689 χ^2/NDF : 10.0/19

Left In: -4986.707+/-3140.660 χ^2/NDF : 0.0/0

1206.521+/-900.437 χ^2/NDF : 22.4/17

-1592.472+/-885.275 χ^2/NDF : 11.3/20

asym_at2_dd_rms vs Slug



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

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

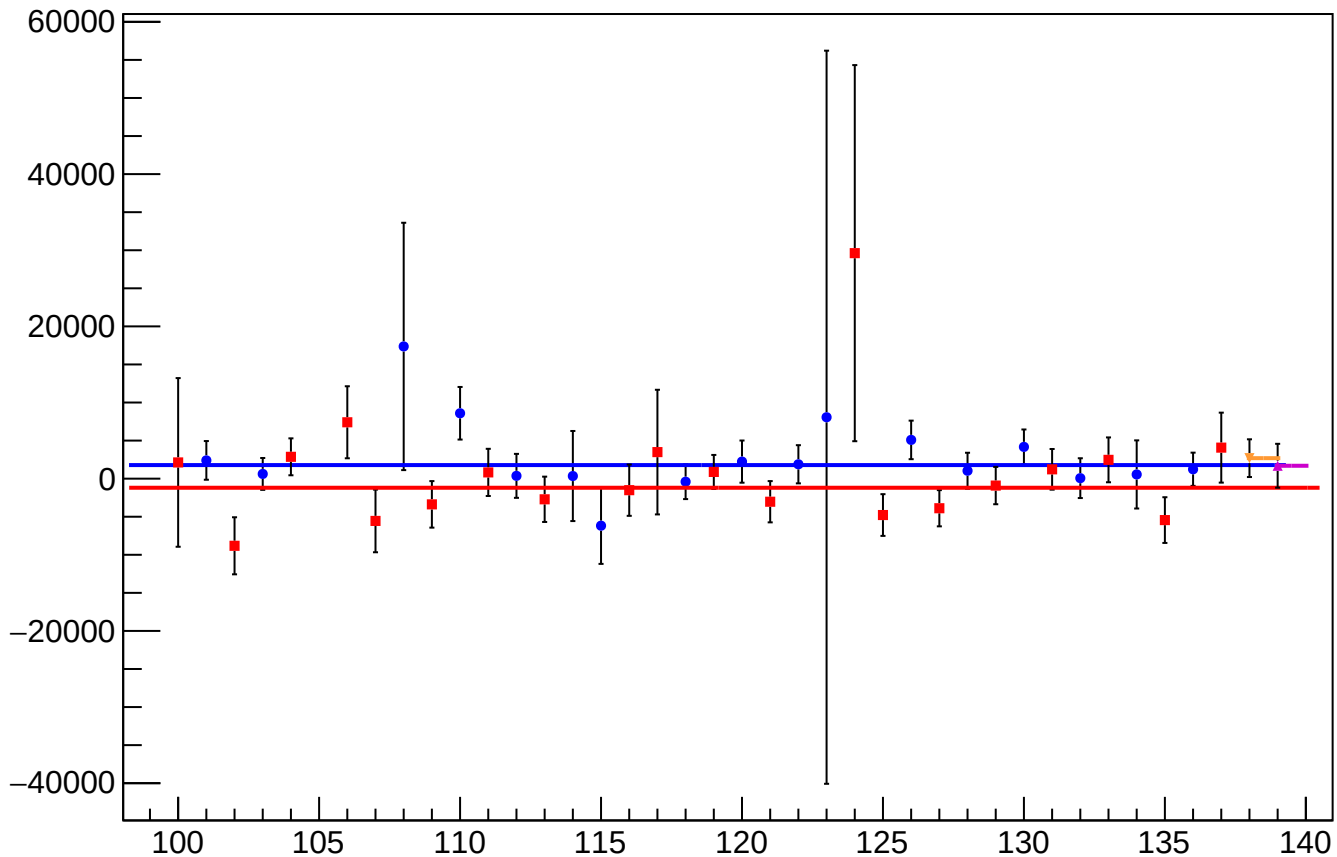
Right Out: 2363.288+/-0.652 χ^2/NDF : 657229.5/19

Left In: 2205.019+/-2.221 χ^2/NDF : 0.0/0

2406.378+/-0.637 χ^2/NDF : 484145.4/17

2350.713+/-0.626 χ^2/NDF : 661905.0/20

dit_asym_atl_avg_mean vs Slug



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

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

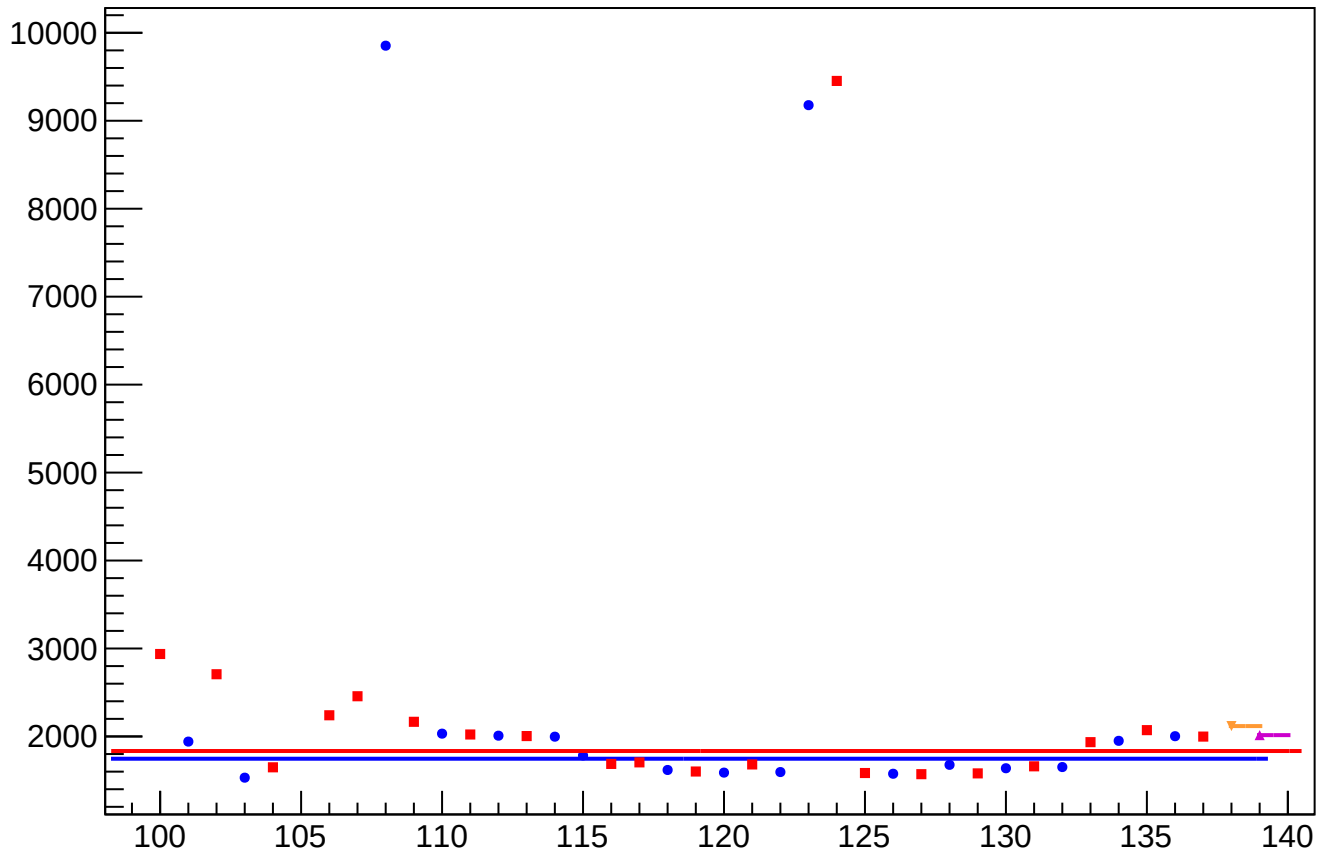
Right Out: -1194.245 ± 705.509 χ^2/NDF : 24.6/19

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

1849.606 ± 668.644 χ^2/NDF : 12.5/17

-1031.041 ± 685.280 χ^2/NDF : 25.5/20

dit_asym_atl_avg_rms vs Slug



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

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

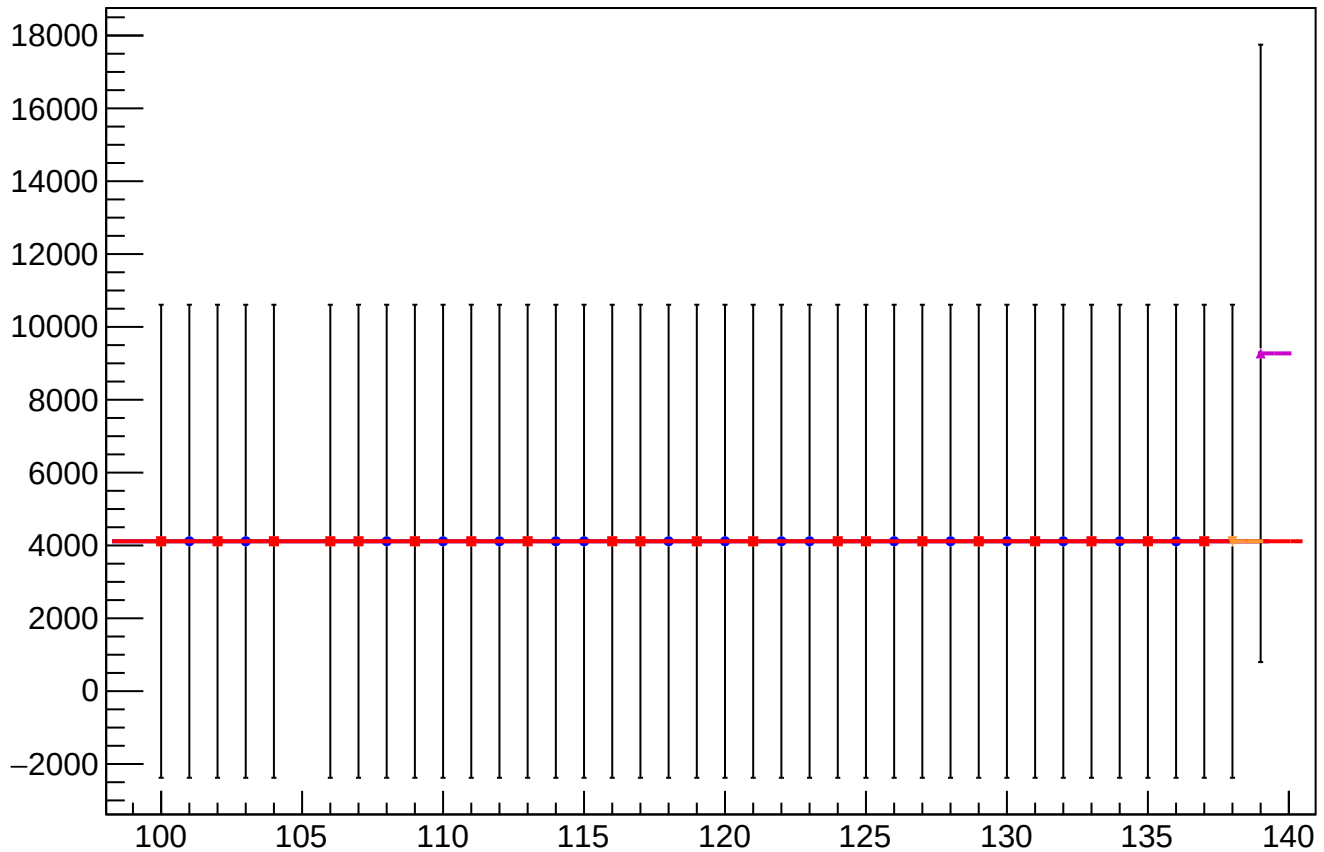
Right Out: 1834.449+/-0.498 χ^2/NDF : 550903.9/19

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

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

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

asym_atl_avg_correction_mean vs Slug



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

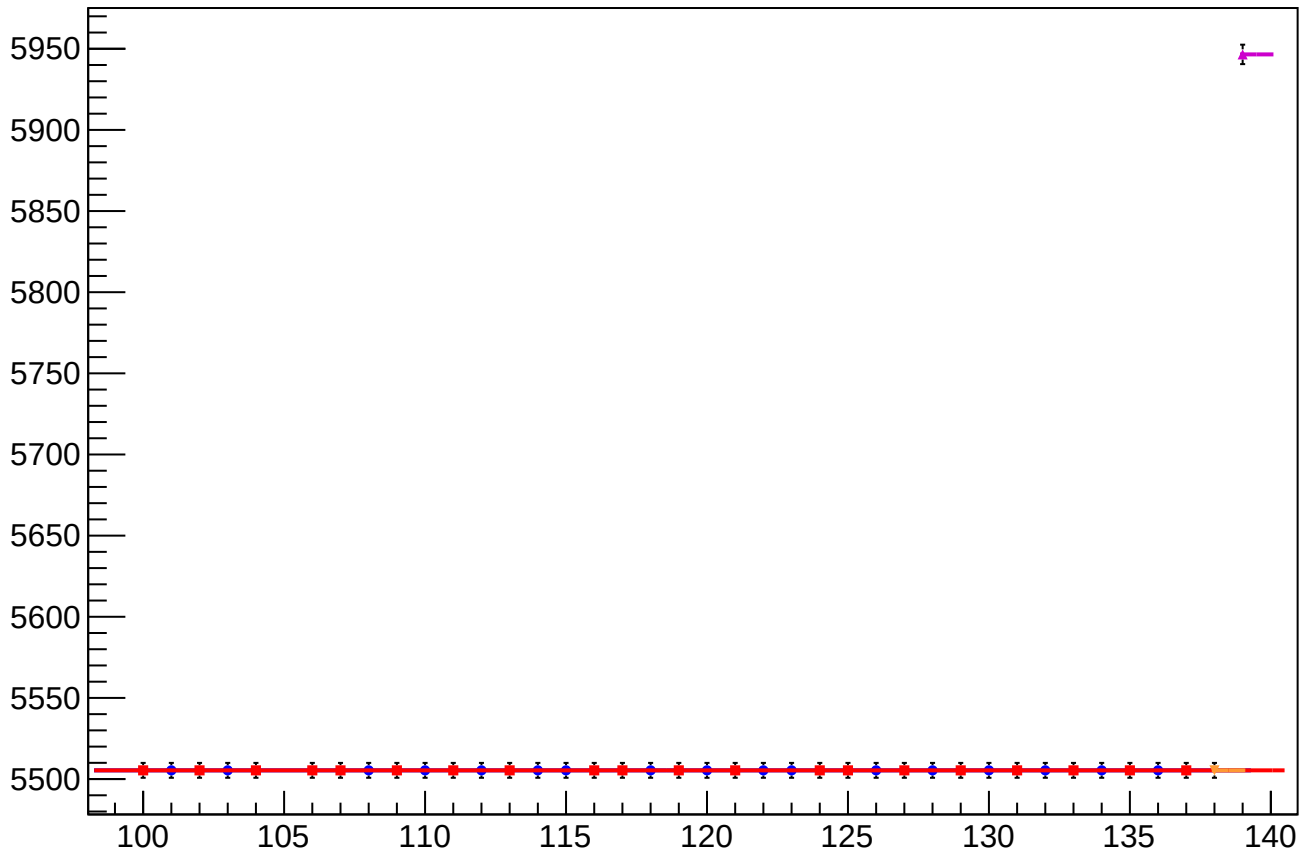
Right Out: 4115.072 $\pm$ 1452.085 χ^2 /NDF: 0.0/19

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

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

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

asym_atl_avg_correction_rms vs Slug



Right In: 5505.372+/-1.114 χ^2/NDF : 0.0/16

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

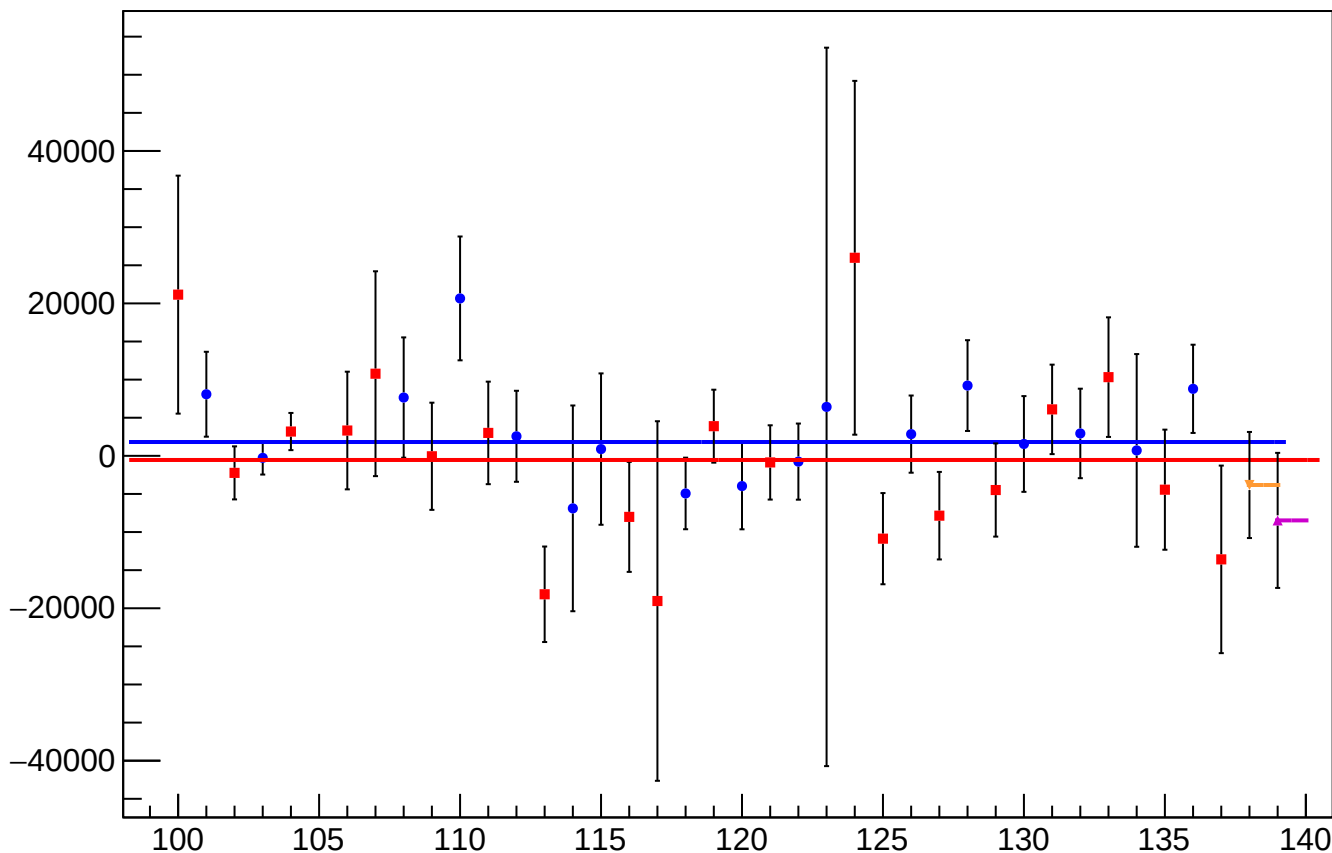
Right Out: 5505.372+/-1.027 χ^2/NDF : 0.0/19

Left In: 5946.531+/-5.993 χ^2/NDF : 0.0/0

5505.372+/-1.082 χ^2/NDF : 0.0/17

5517.951+/-1.012 χ^2/NDF : 5263.9/20

asym_atl_avg_mean vs Slug



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

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

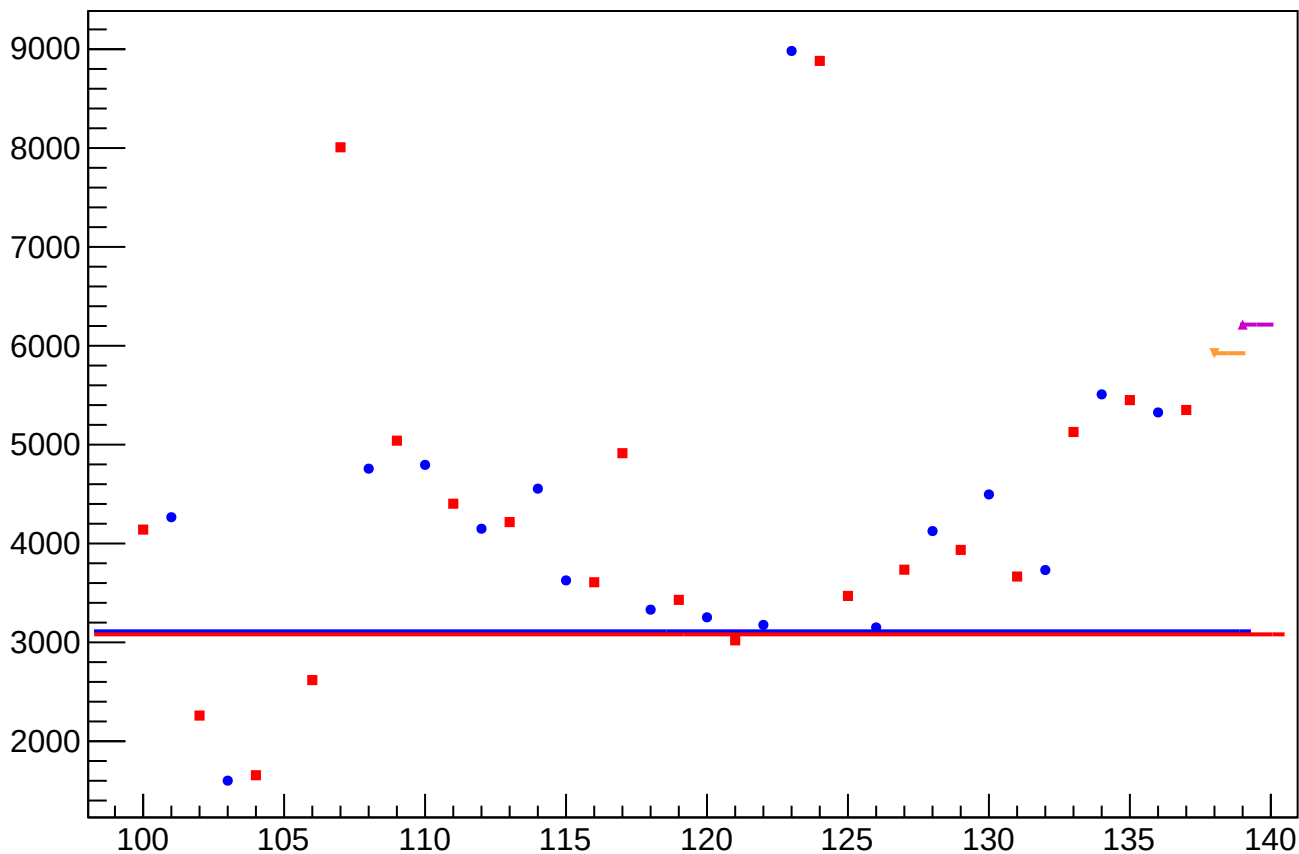
Right Out: -543.365+/-1284.166 χ^2/NDF : 27.1/19

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

1623.756+/-1279.148 χ^2/NDF : 15.6/17

-706.490+/-1270.886 χ^2/NDF : 27.9/20

asym_atl_avg_rms vs Slug



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

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

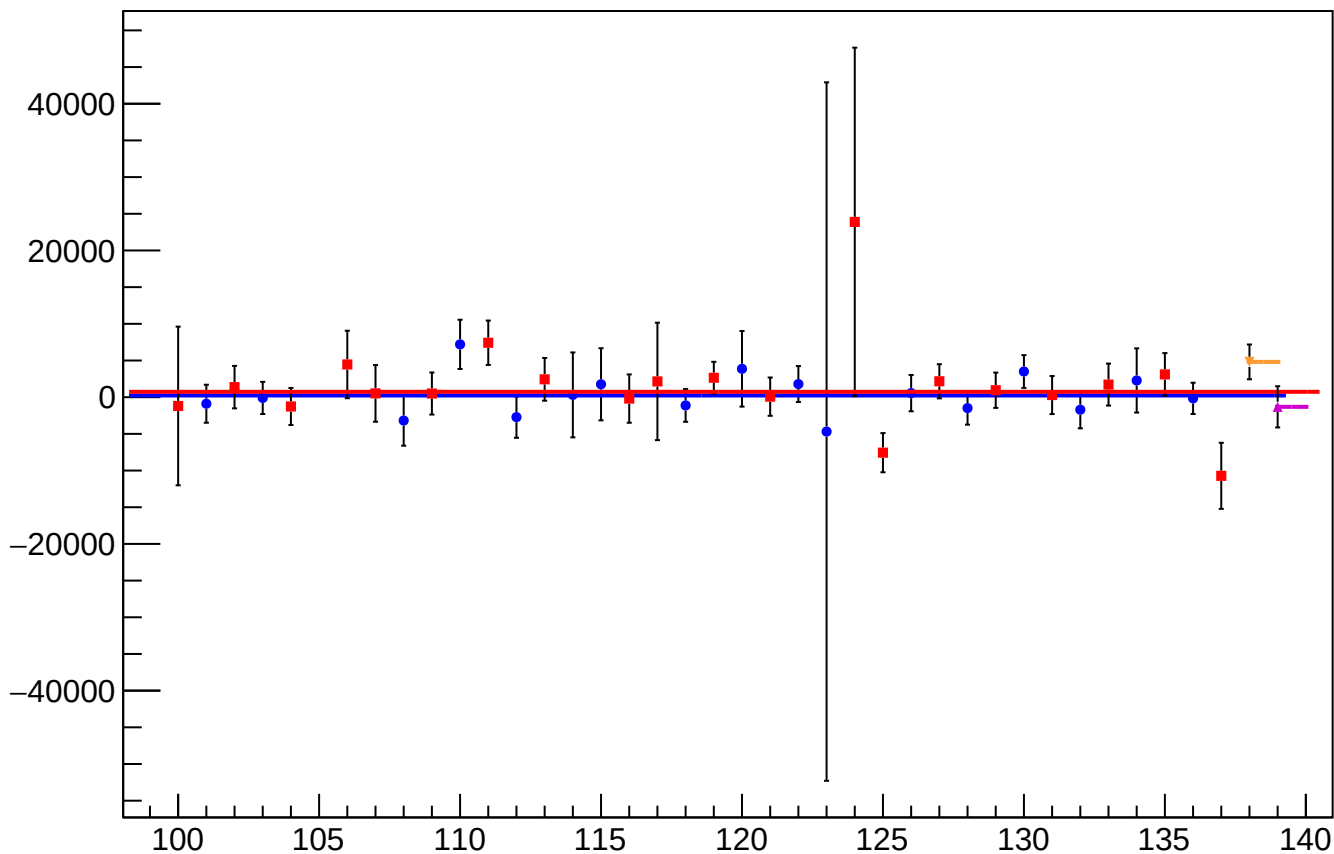
Right Out: 3081.091+/-0.895 χ^2/NDF : 2021662.5/19

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

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

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

dit_asym_atl_dd_mean vs Slug



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

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

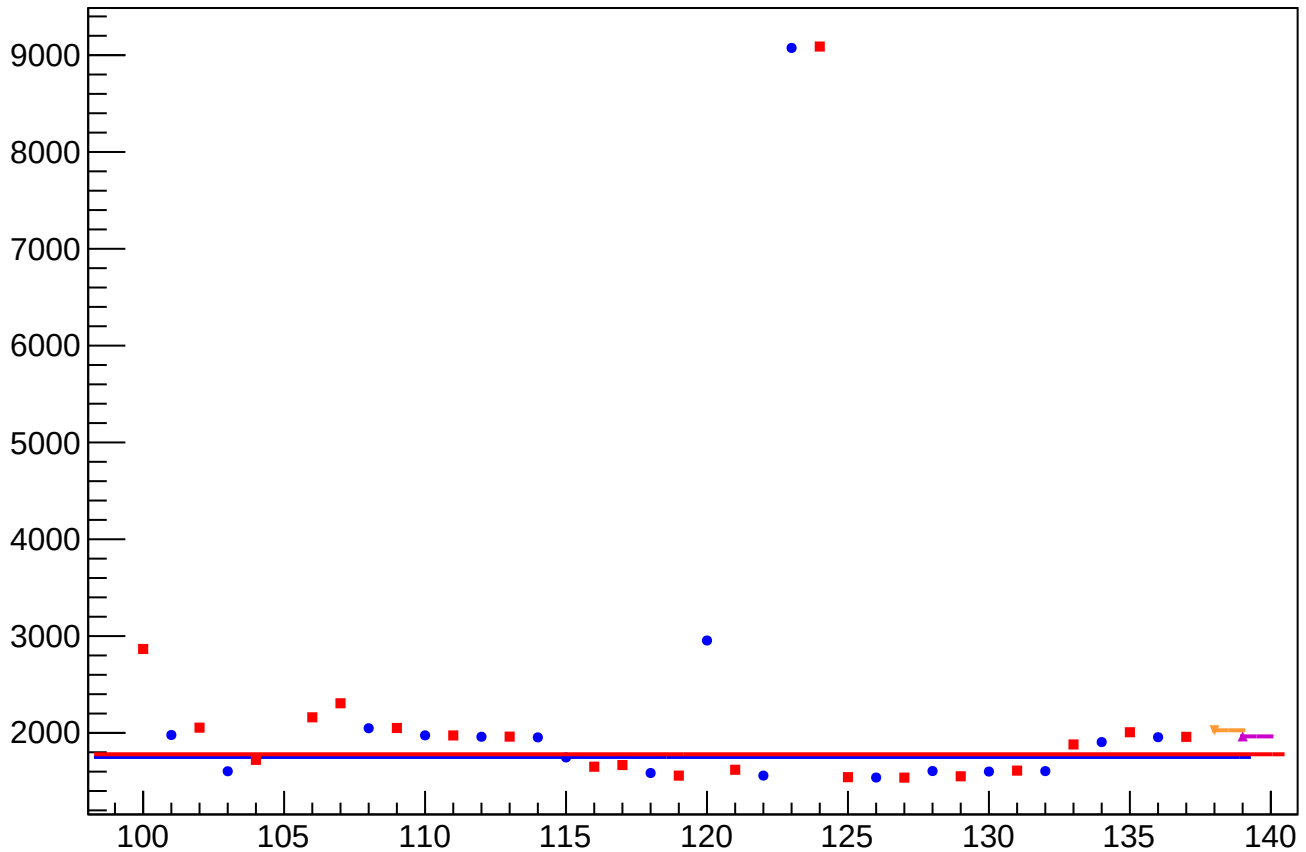
Right Out: 736.496+/-681.690 χ^2/NDF : 25.8/19

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

586.902+/-659.665 χ^2/NDF : 15.0/17

622.412+/-662.463 χ^2/NDF : 26.3/20

dit_asym_atl_dd_rms vs Slug



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

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

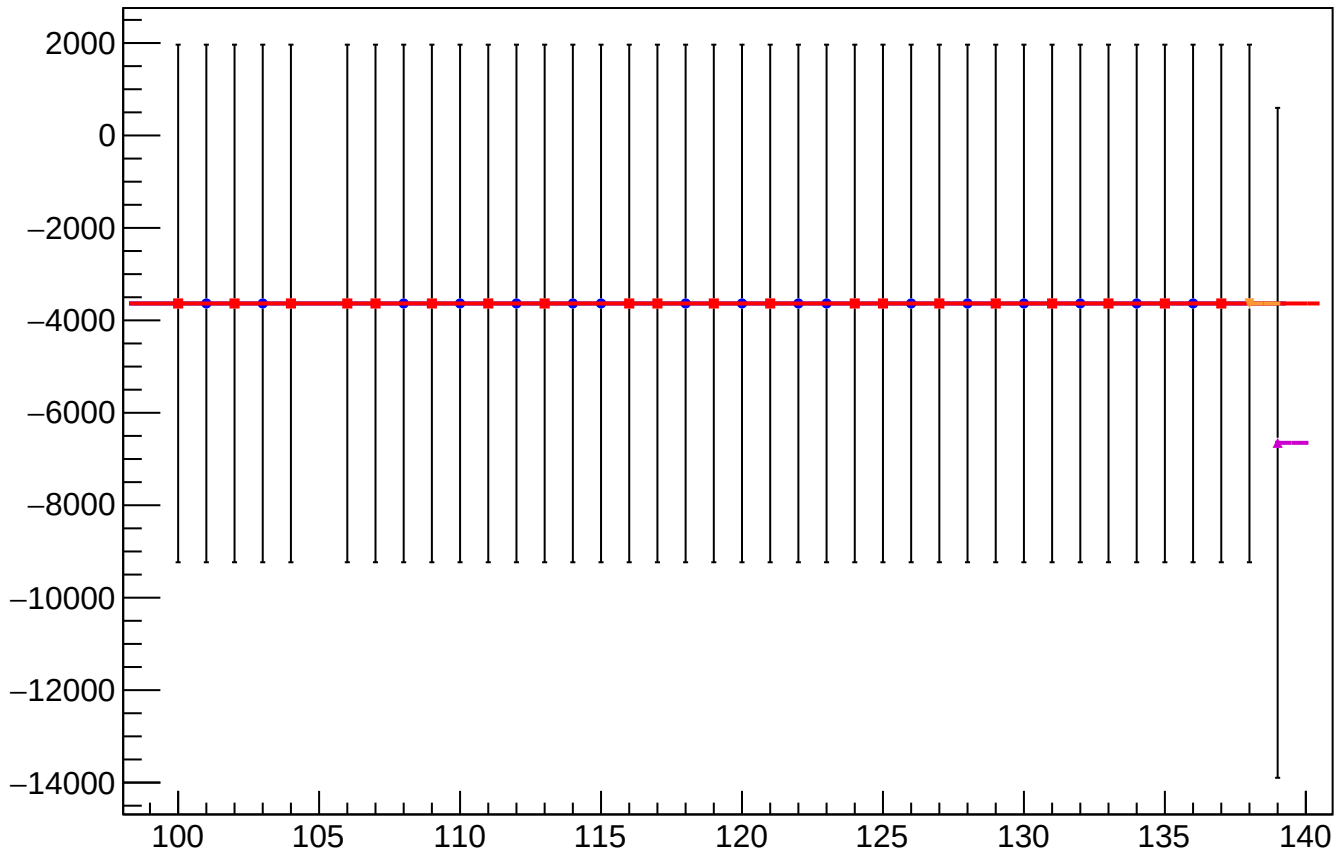
Right Out: 1779.399+/-0.481 χ^2/NDF : 428716.4/19

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

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

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

asym_atl_dd_correction_mean vs Slug



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

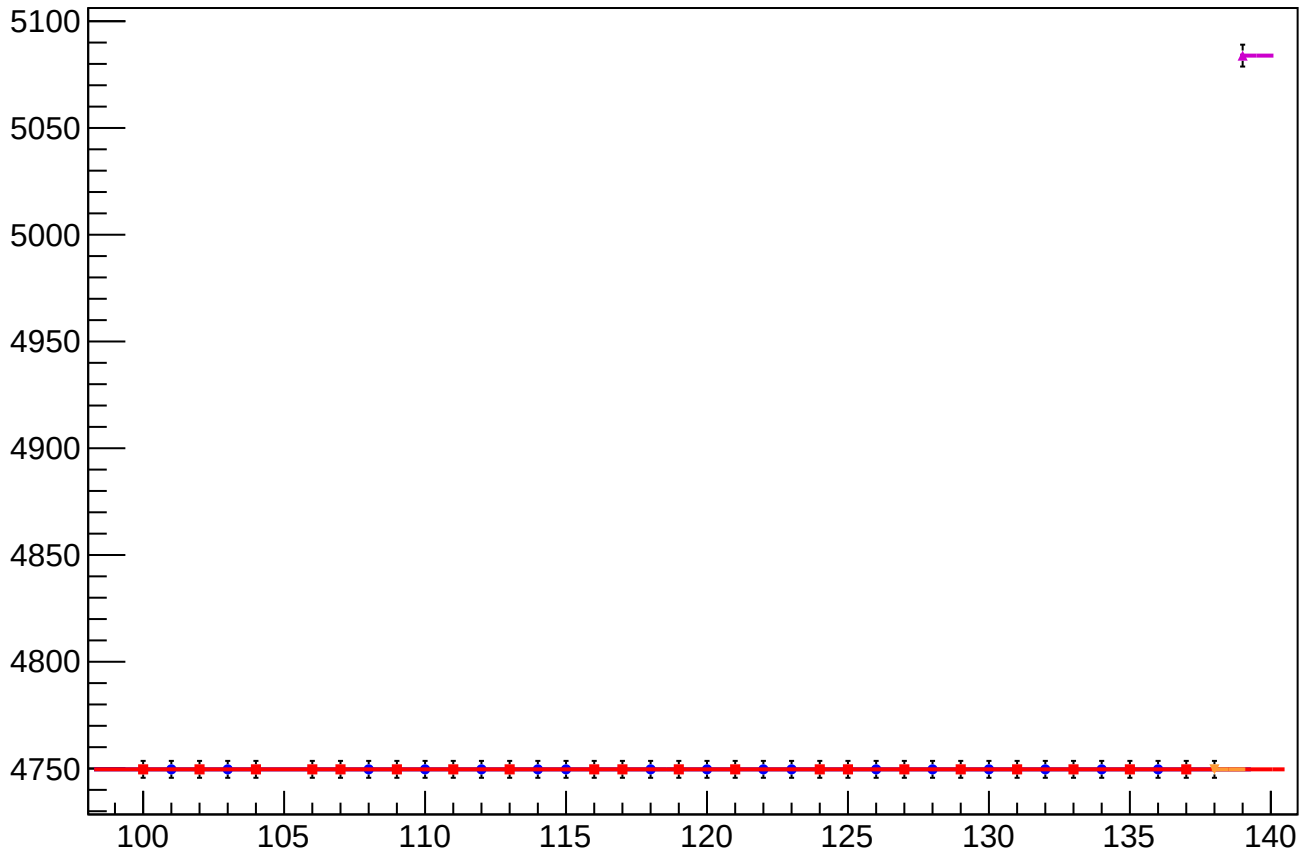
Right Out: -3634.610 $\pm$ 1251.954 χ^2 /NDF: 0.0/19

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

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

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

asym_atl_dd_correction_rms vs Slug



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

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

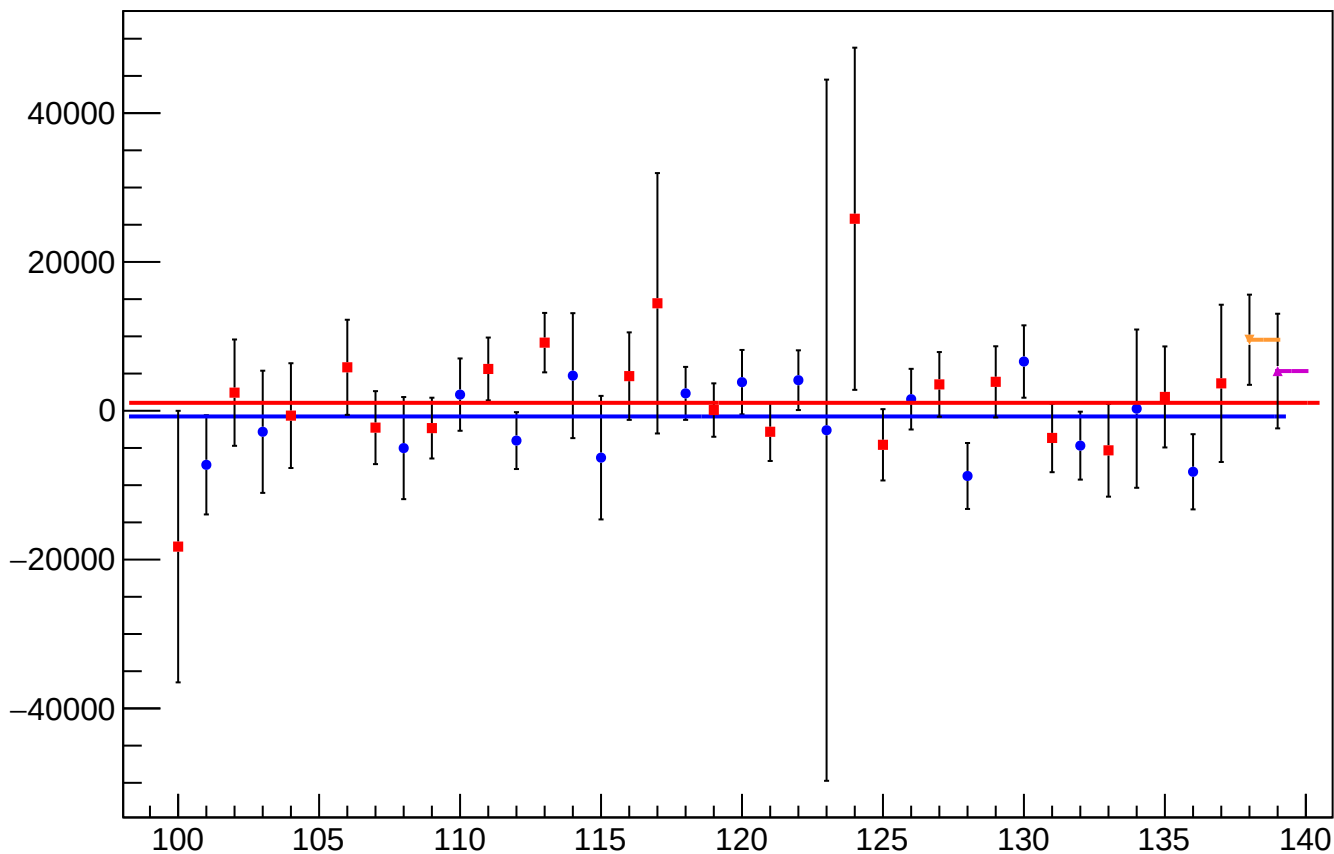
Right Out: 4749.613+/-0.885 χ^2/NDF : 0.0/19

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

4749.613+/-0.933 χ^2/NDF : 0.0/17

4759.301+/-0.872 χ^2/NDF : 4132.2/20

asym_atl_dd_mean vs Slug



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

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

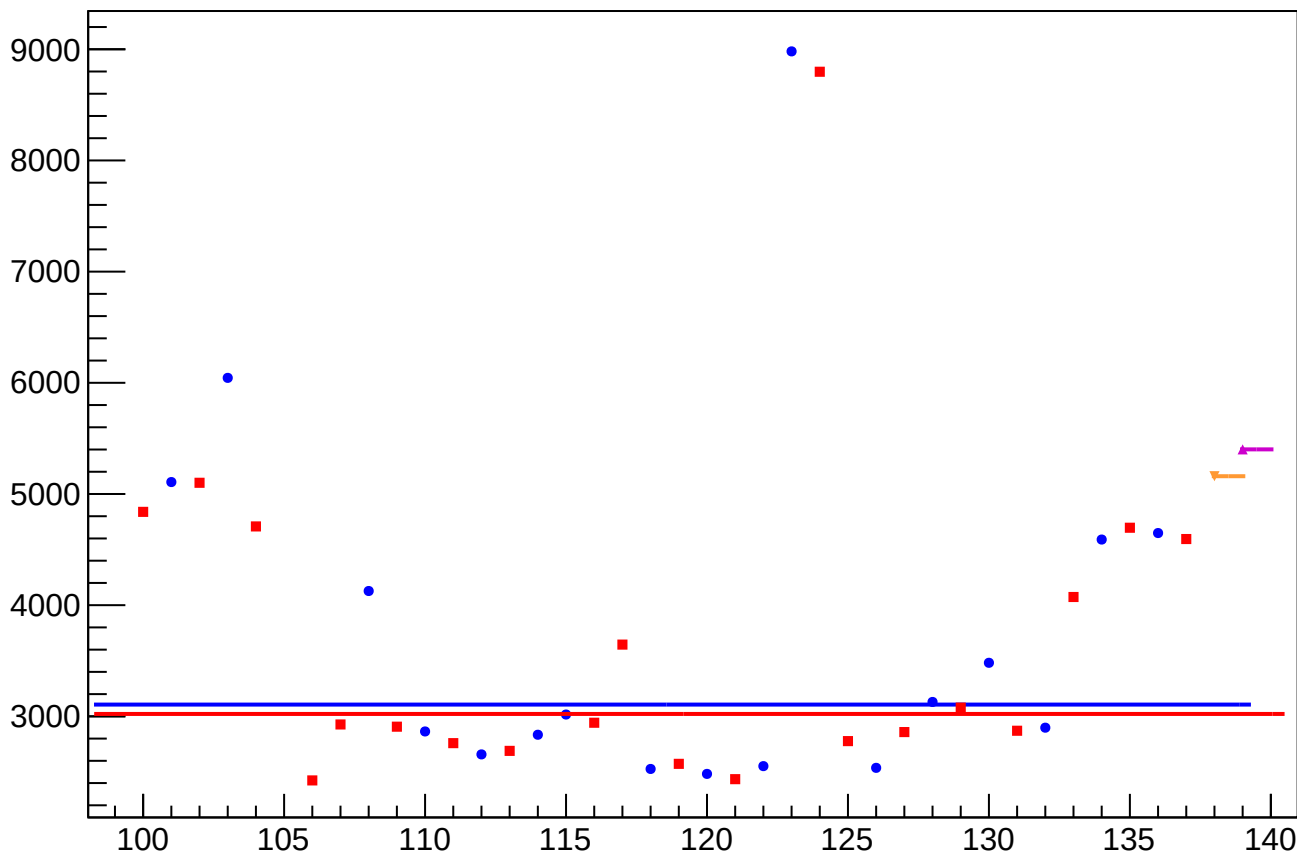
Right Out: 1066.792+/-1188.366 χ^2/NDF : 15.6/19

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

-345.818+/-1222.069 χ^2/NDF : 18.3/17

1166.041+/-1174.472 χ^2/NDF : 15.9/20

asym_atl_dd_rms vs Slug



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

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

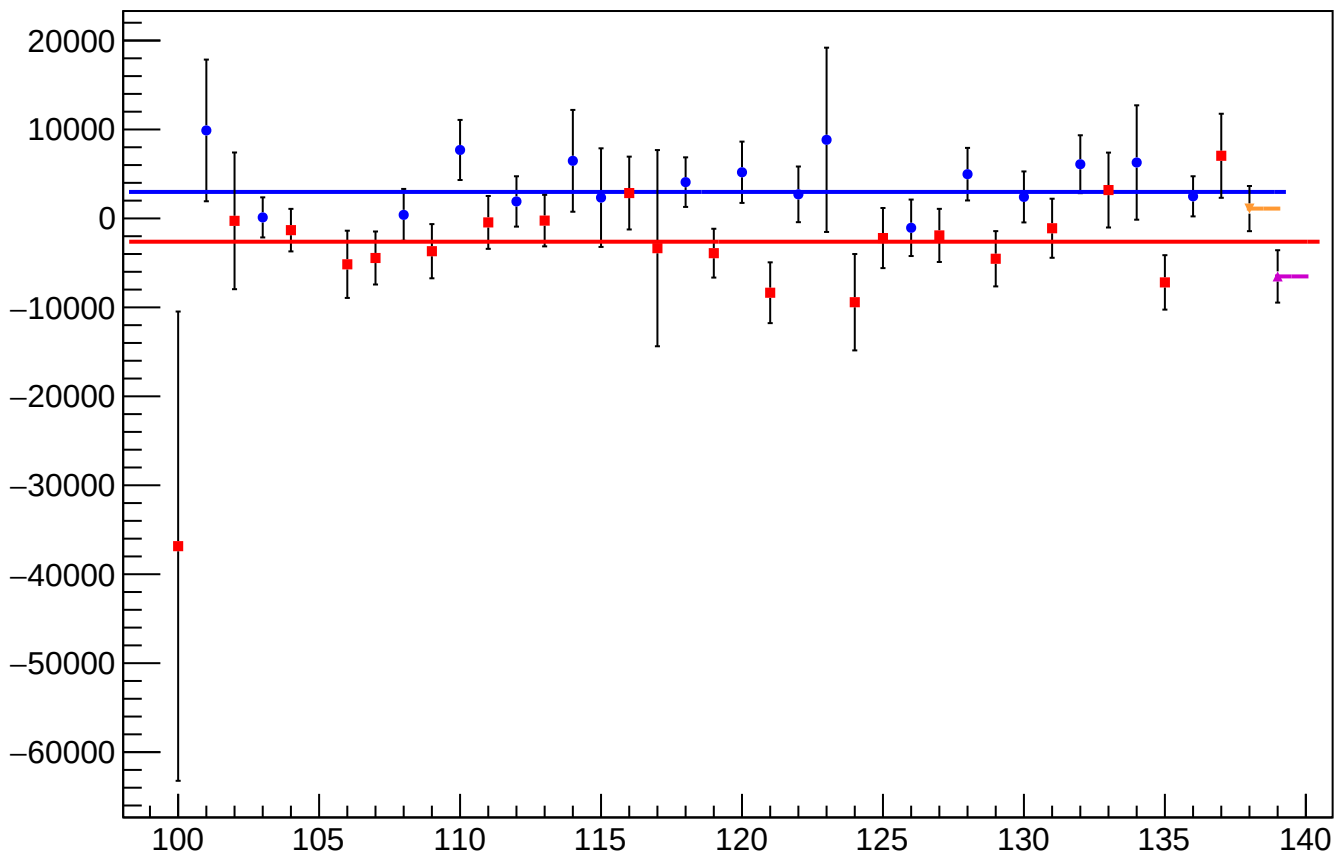
Right Out: 3021.600+/-0.830 χ^2/NDF : 796828.0/19

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

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

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

dit_asym_atr_avg_mean vs Slug



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

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

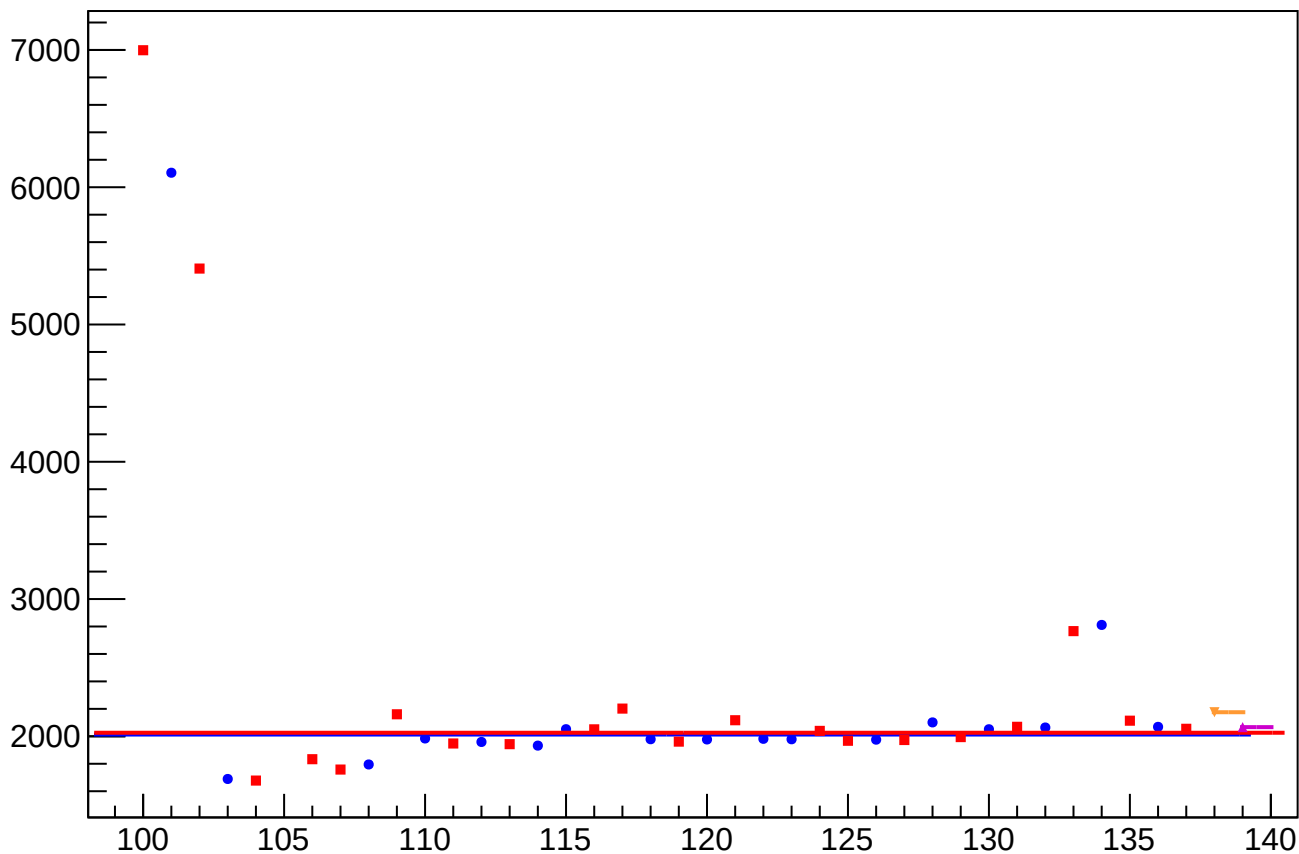
Right Out: -2617.544+/-781.260 χ^2/NDF : 19.6/19

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

2811.149+/-759.025 χ^2/NDF : 10.4/17

-2874.065+/-755.140 χ^2/NDF : 21.2/20

dit_asym_atr_avg_rms vs Slug



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

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

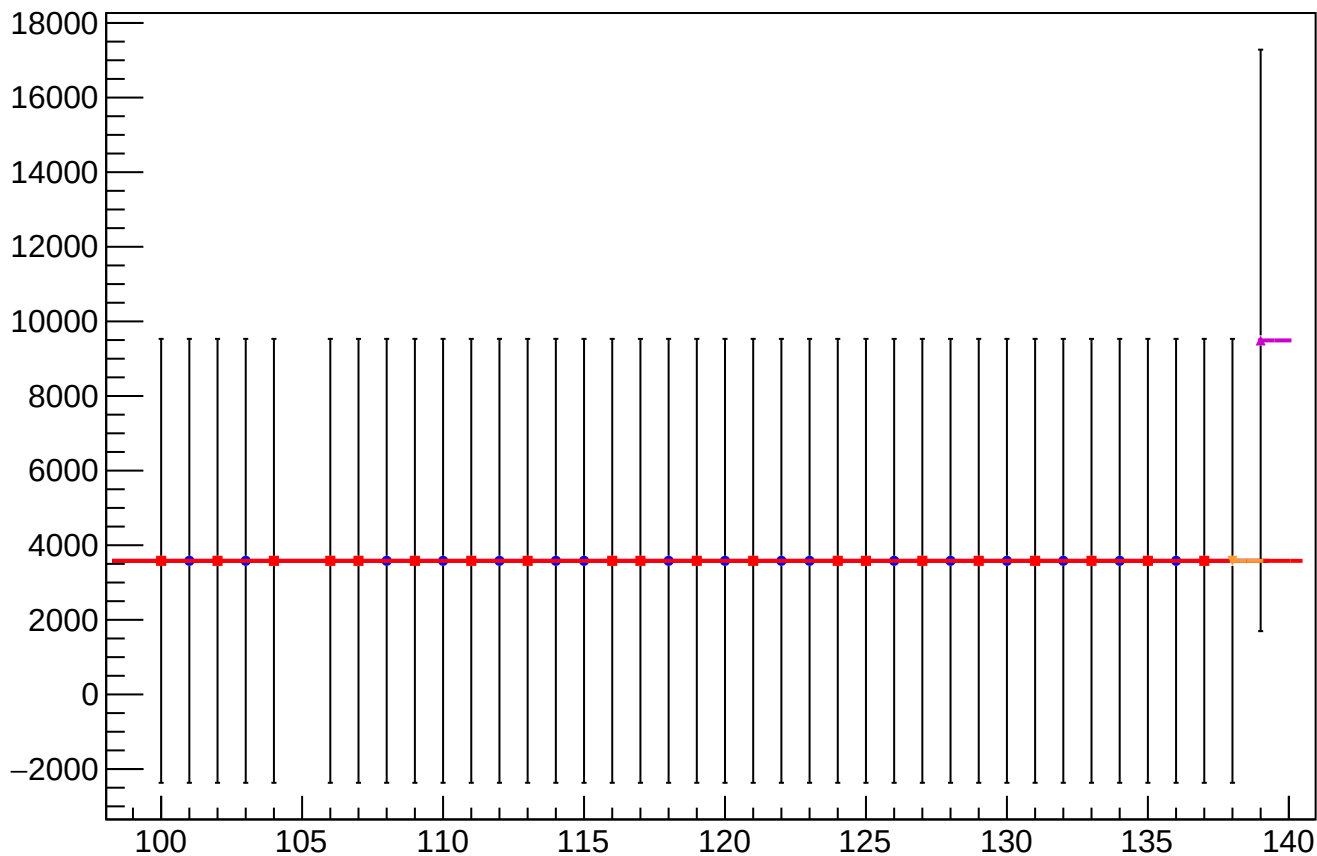
Right Out: 2025.957+/-0.552 χ^2/NDF : 597934.3/19

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

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

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

asym_atr_avg_correction_mean vs Slug



Right In: 3581.541+/-1443.107 χ^2/NDF : 0.0/16

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

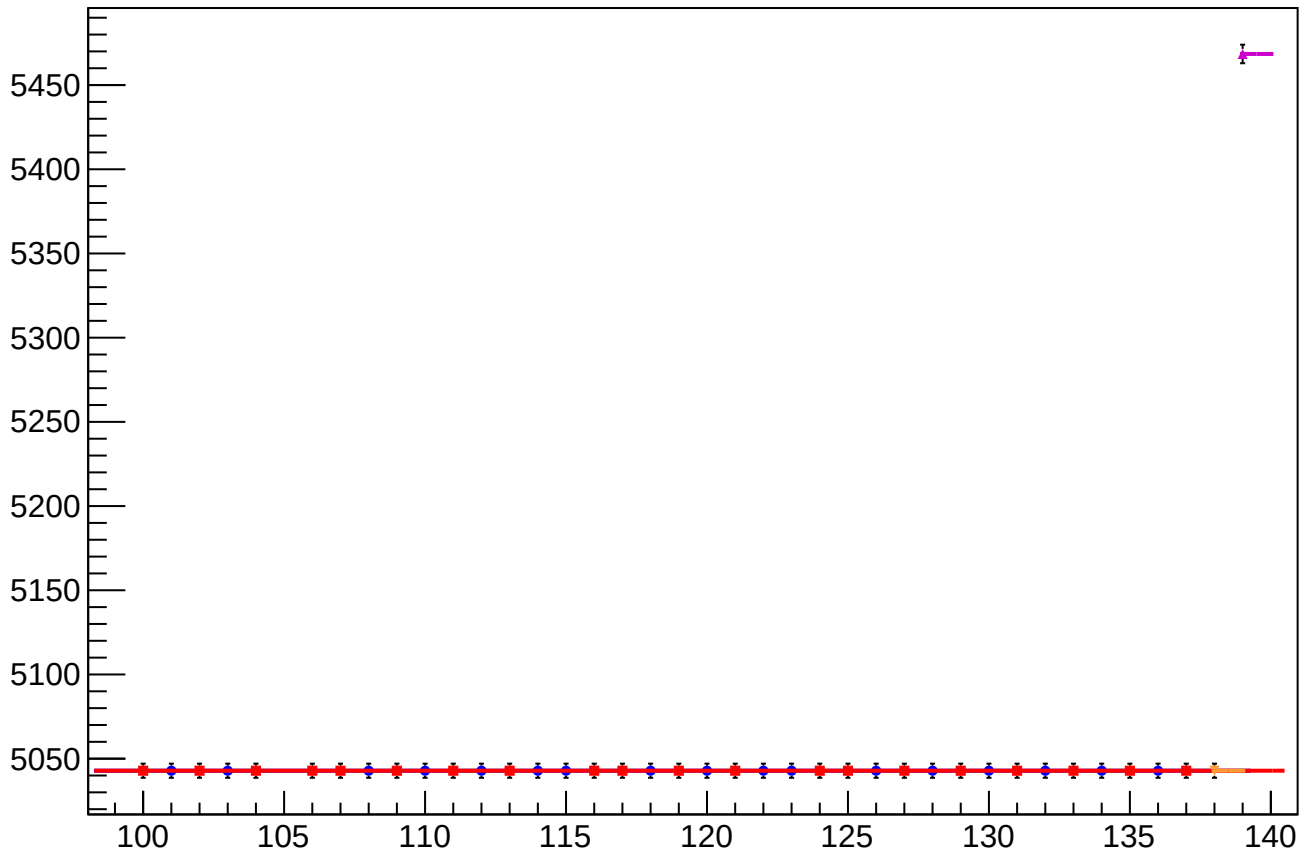
Right Out: 3581.541+/-1330.479 χ^2/NDF : 0.0/19

Left In: 9490.130+/-7793.883 χ^2/NDF : 0.0/0

3581.541+/-1402.448 χ^2/NDF : 0.0/17

3748.849+/-1311.507 χ^2/NDF : 0.6/20

asym_atr_avg_correction_rms vs Slug



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

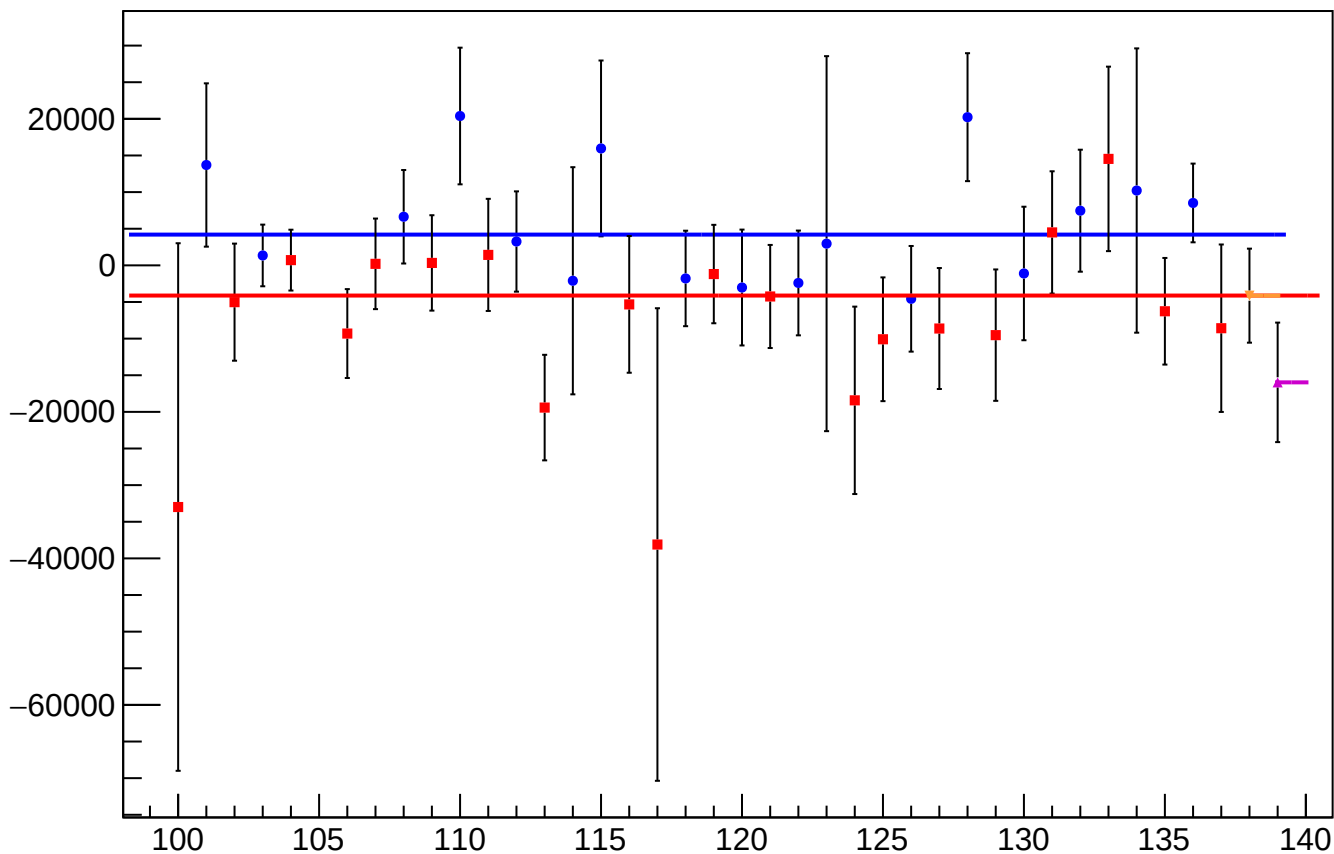
Right Out: 5042.846 $\pm$ 0.941 χ^2 /NDF: 0.0/19

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

5042.846 $\pm$ 0.992 χ^2 /NDF: 0.0/17

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

asym_atr_avg_mean vs Slug



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

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

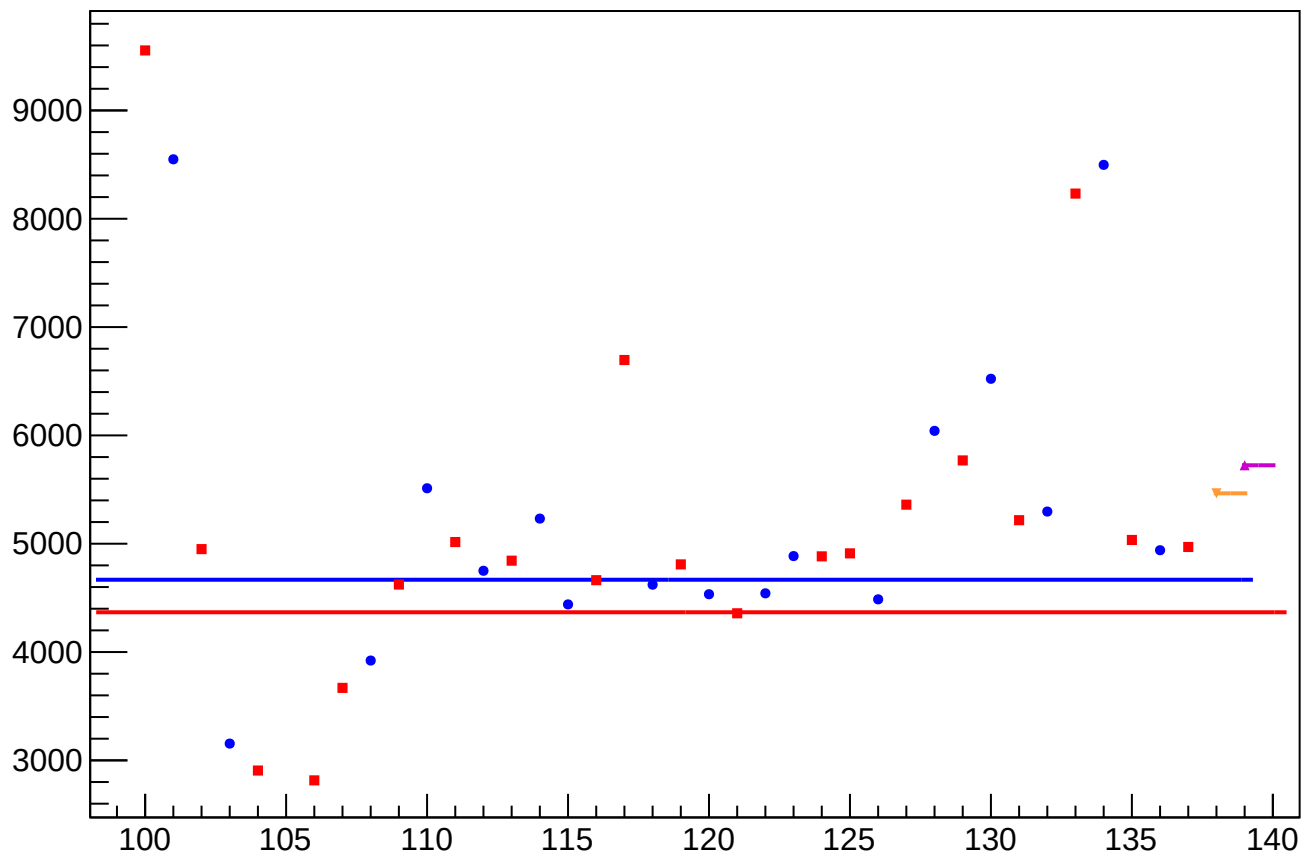
Right Out: -4120.914+/-1722.725 χ^2/NDF : 16.0/19

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

3554.390+/-1784.550 χ^2/NDF : 15.7/17

-4626.923+/-1685.544 χ^2/NDF : 18.0/20

asym_atr_avg_rms vs Slug



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

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

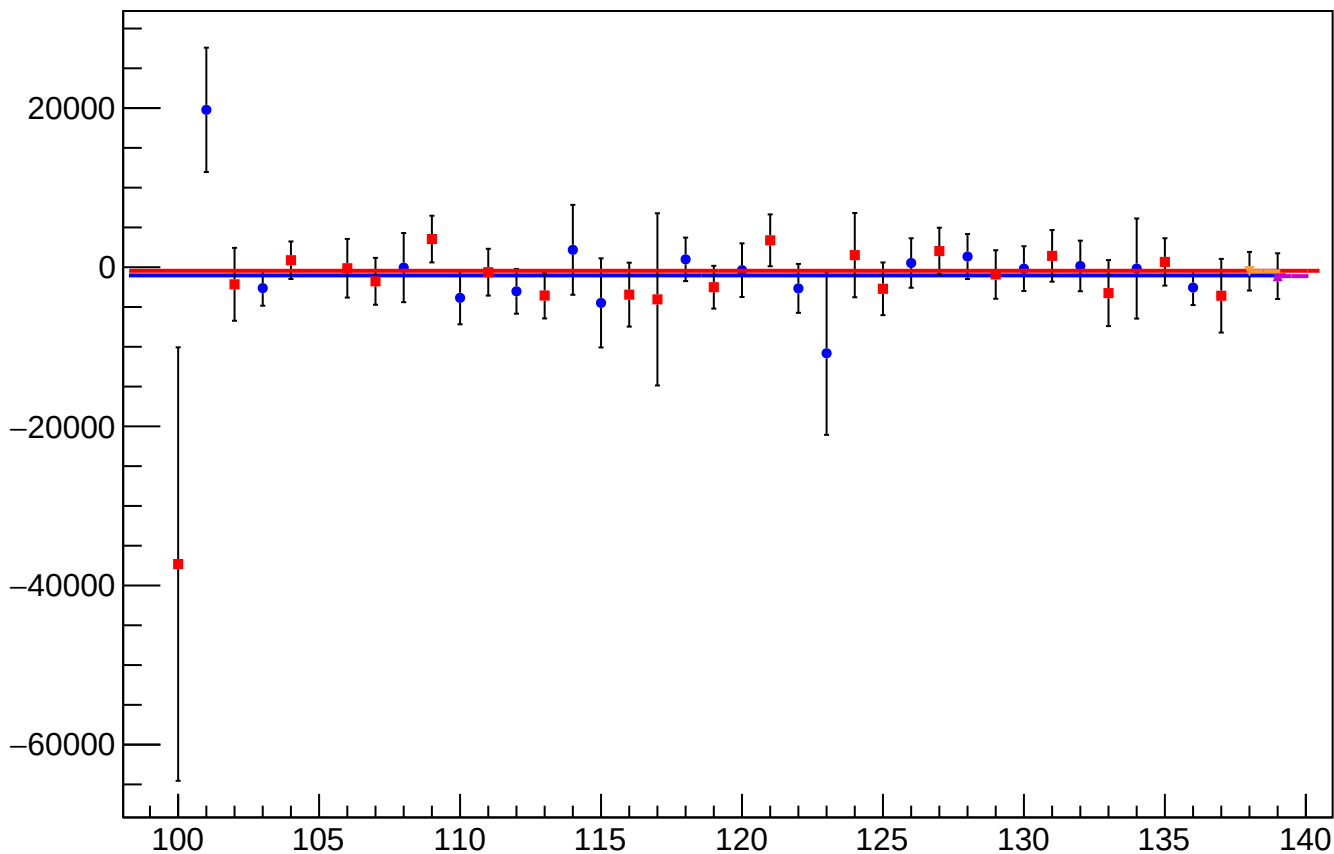
Right Out: 4367.168+/-1.211 χ^2/NDF : 843201.8/19

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

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

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

dit_asym_atr_dd_mean vs Slug



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

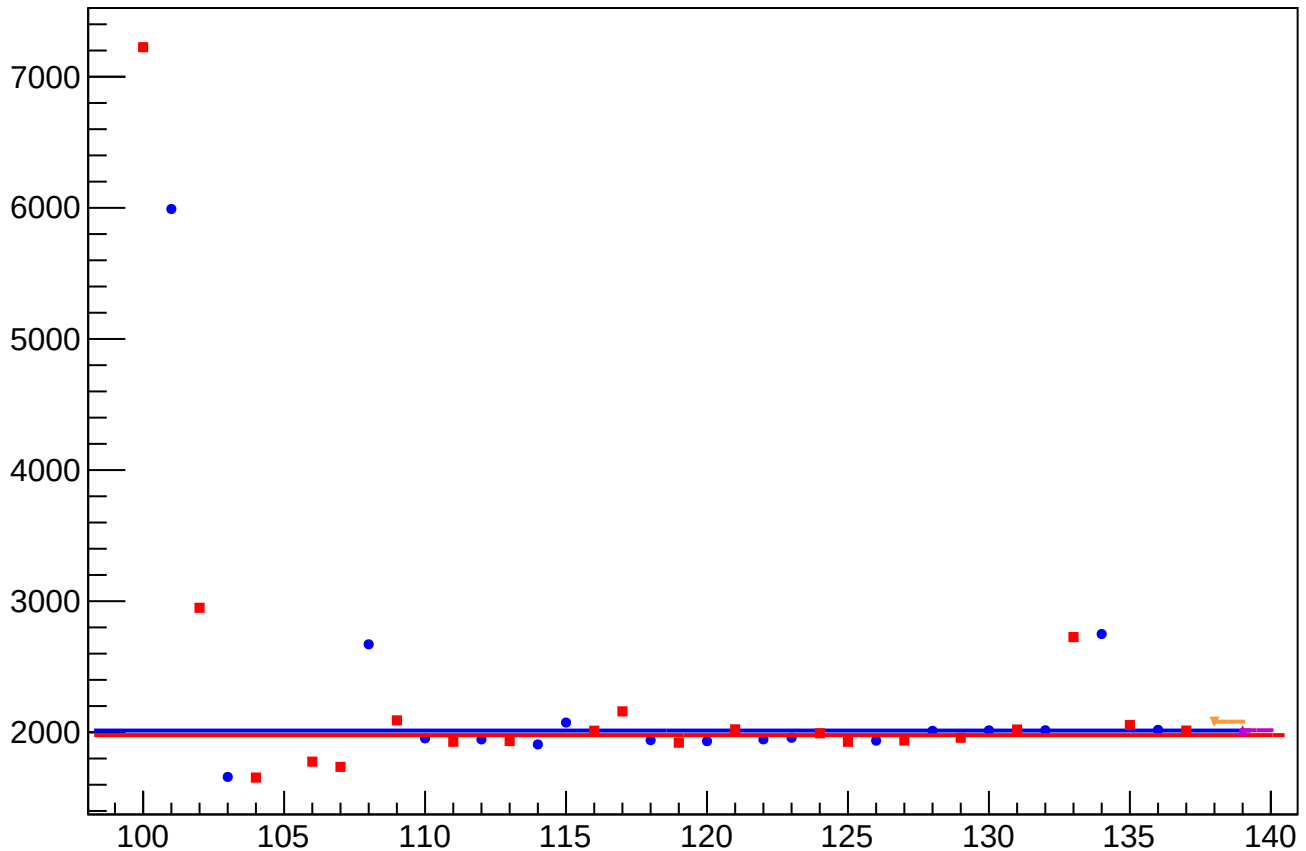
Right Out: -446.244 $\pm$ 758.944 χ^2 /NDF: 10.9/19

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

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

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

dit_asym_atr_dd_rms vs Slug



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

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

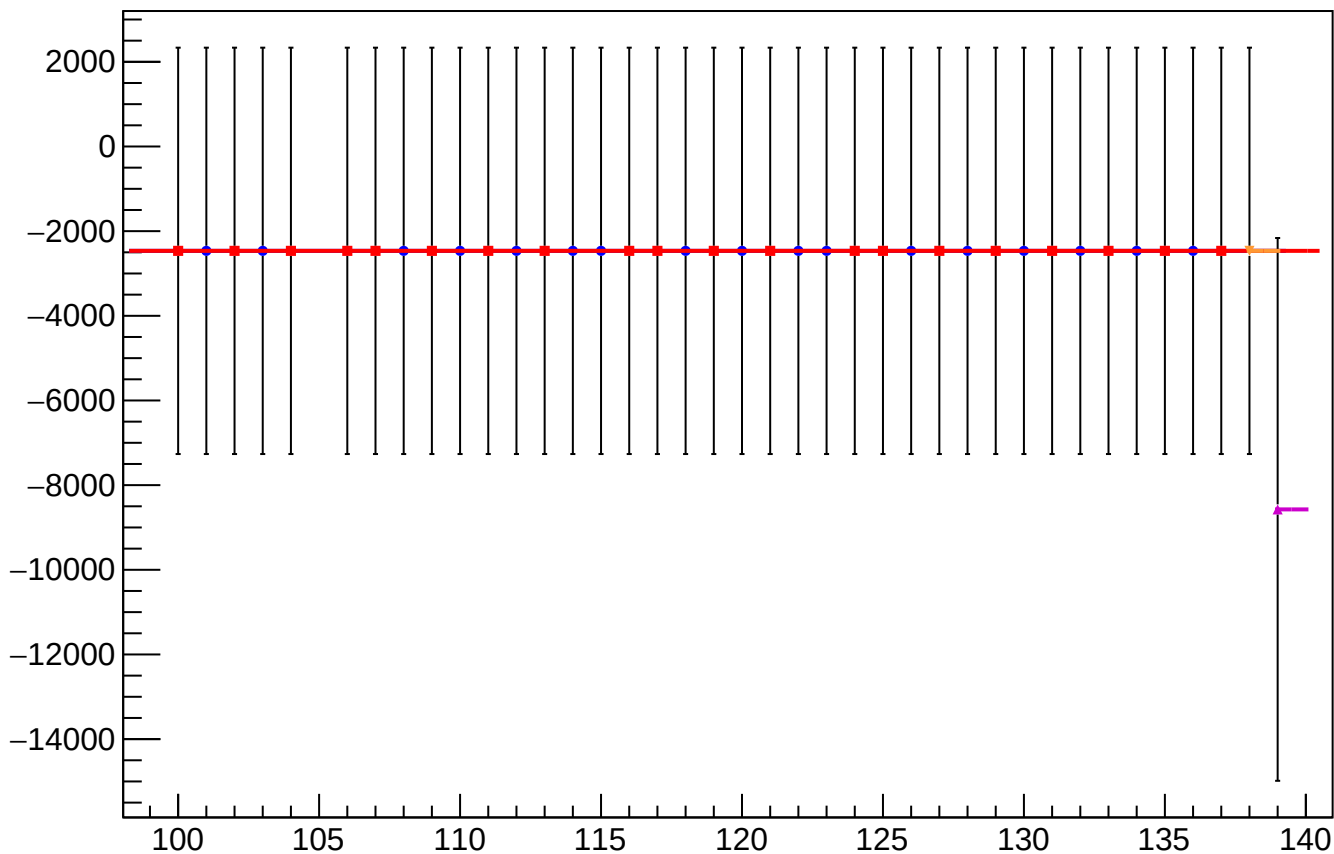
Right Out: 1978.439+/-0.536 χ^2/NDF : 295463.2/19

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

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

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

asym_atr_dd_correction_mean vs Slug



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

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

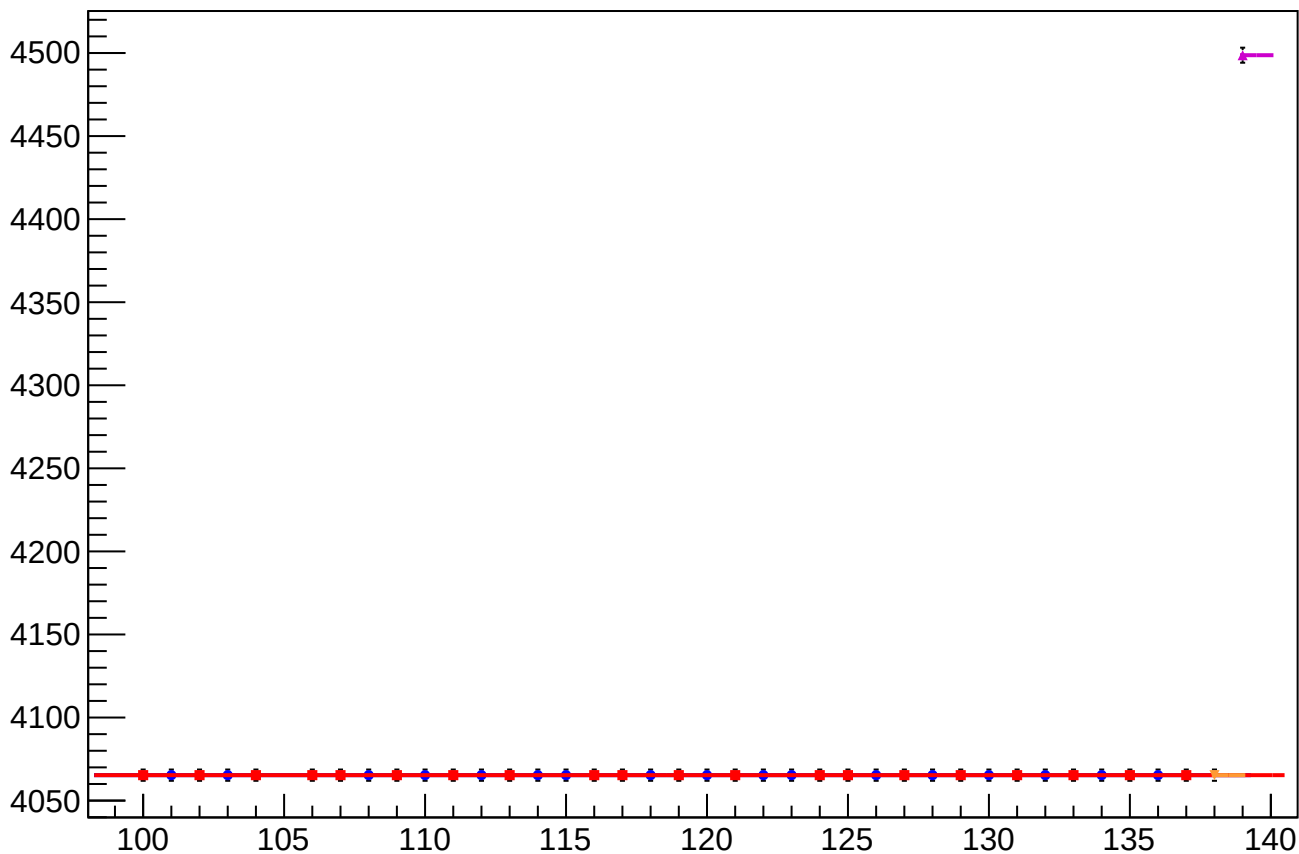
Right Out: -2465.419+/-1073.295 χ^2/NDF : 0.0/19

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

-2465.419+/-1131.353 χ^2/NDF : 0.0/17

-2631.927+/-1058.565 χ^2/NDF : 0.9/20

asym_atr_dd_correction_rms vs Slug



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

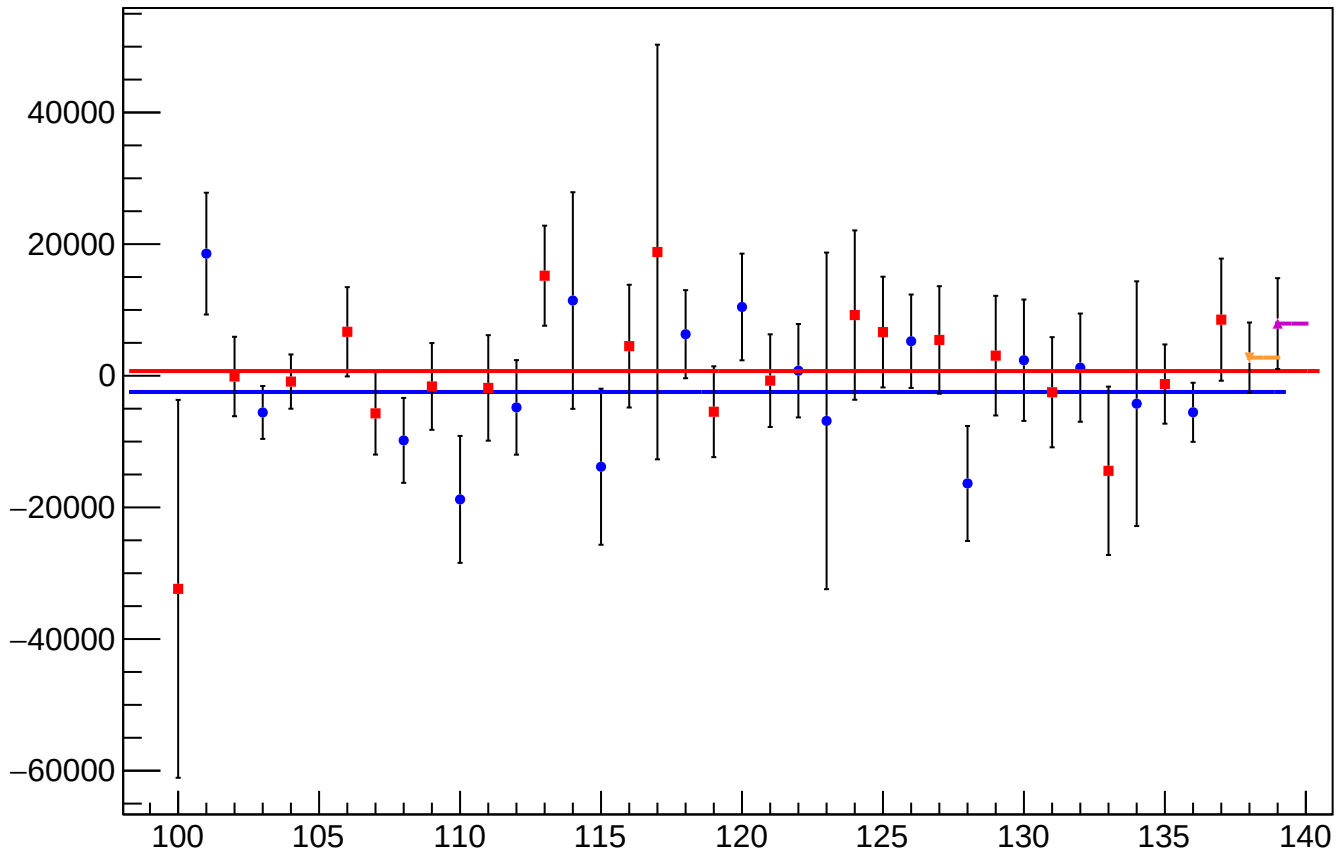
Right Out: 4065.315 $\pm$ 0.759 χ^2 /NDF: 0.0/19

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

4065.315 $\pm$ 0.800 χ^2 /NDF: 0.0/17

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

asym_atr_dd_mean vs Slug



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

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

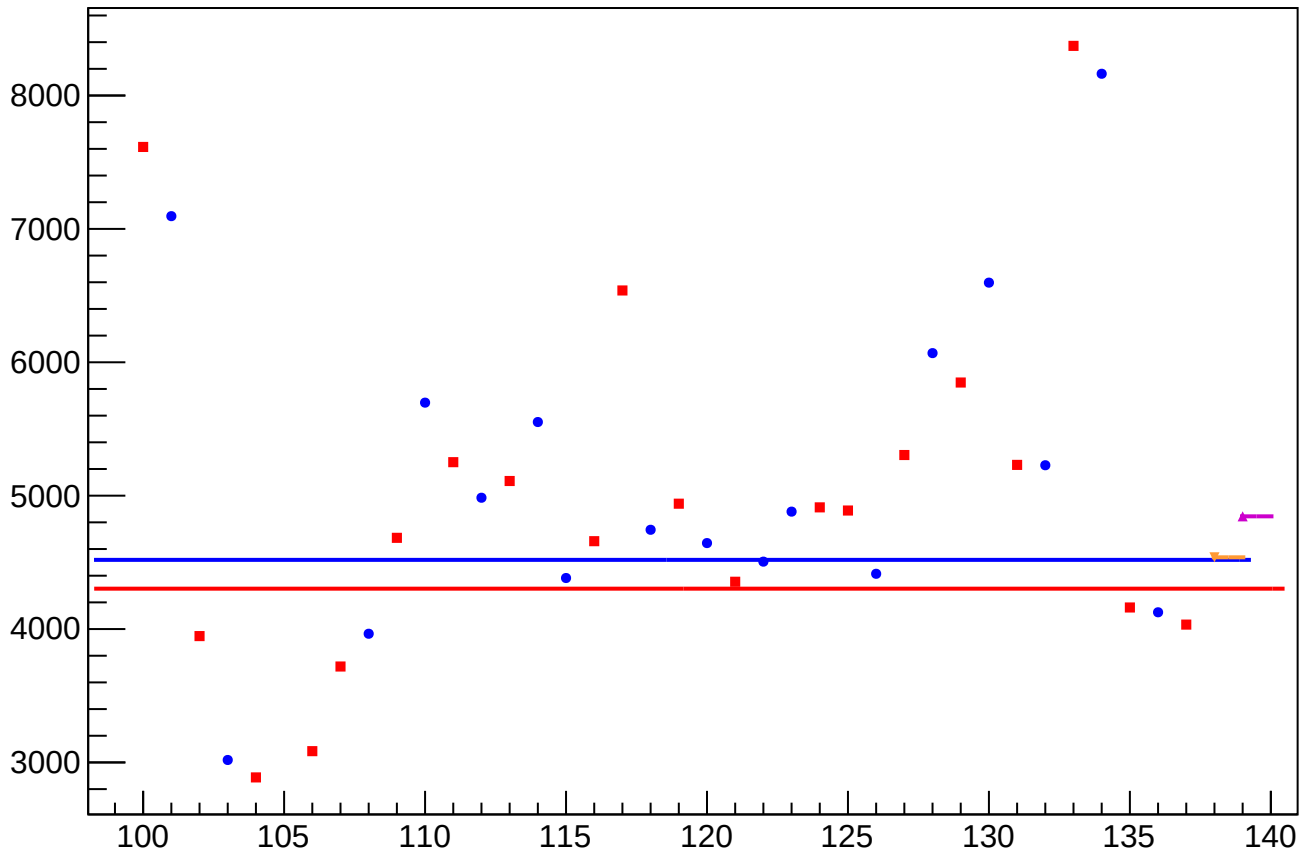
Right Out: 718.204+/-1687.386 χ^2/NDF : 12.2/19

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

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

1124.474+/-1639.136 χ^2/NDF : 13.3/20

asym_atr_dd_rms vs Slug



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

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

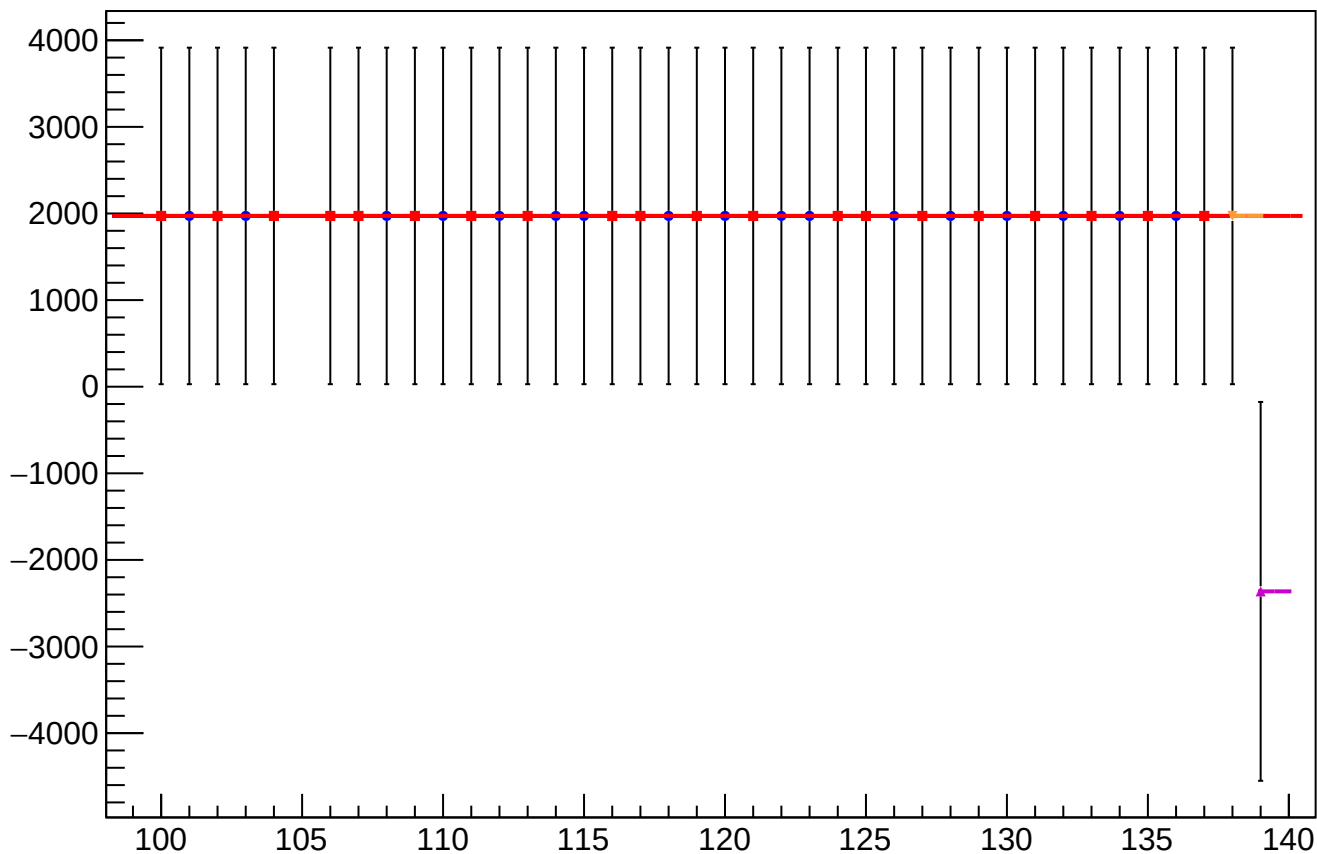
4520.631+/-1.204 χ^2/NDF : 770249.9/17

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

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

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

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

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

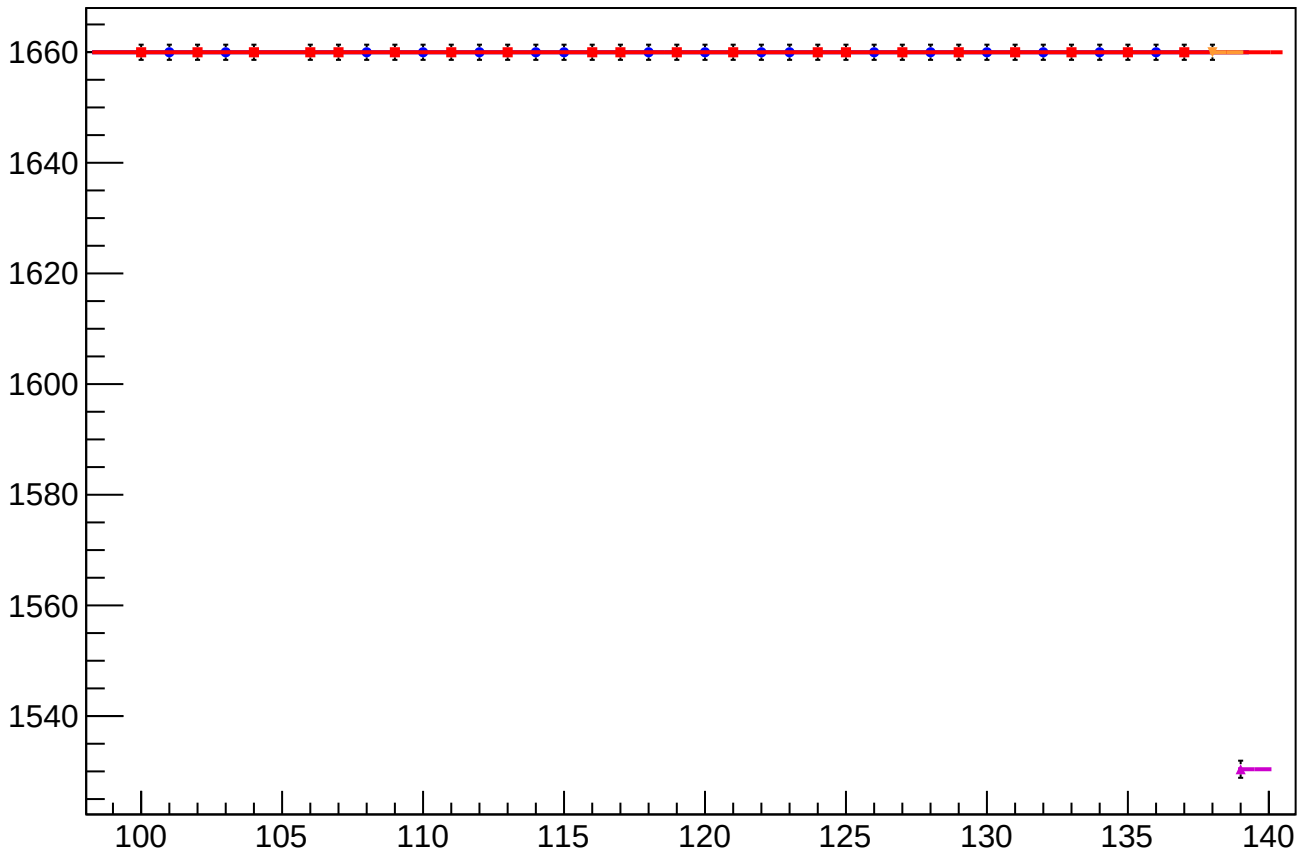
Right Out: 1971.753+/-434.417 χ^2/NDF : 0.0/19

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

1971.753+/-457.915 χ^2/NDF : 0.0/17

1807.242+/-426.094 χ^2/NDF : 3.8/20

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



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

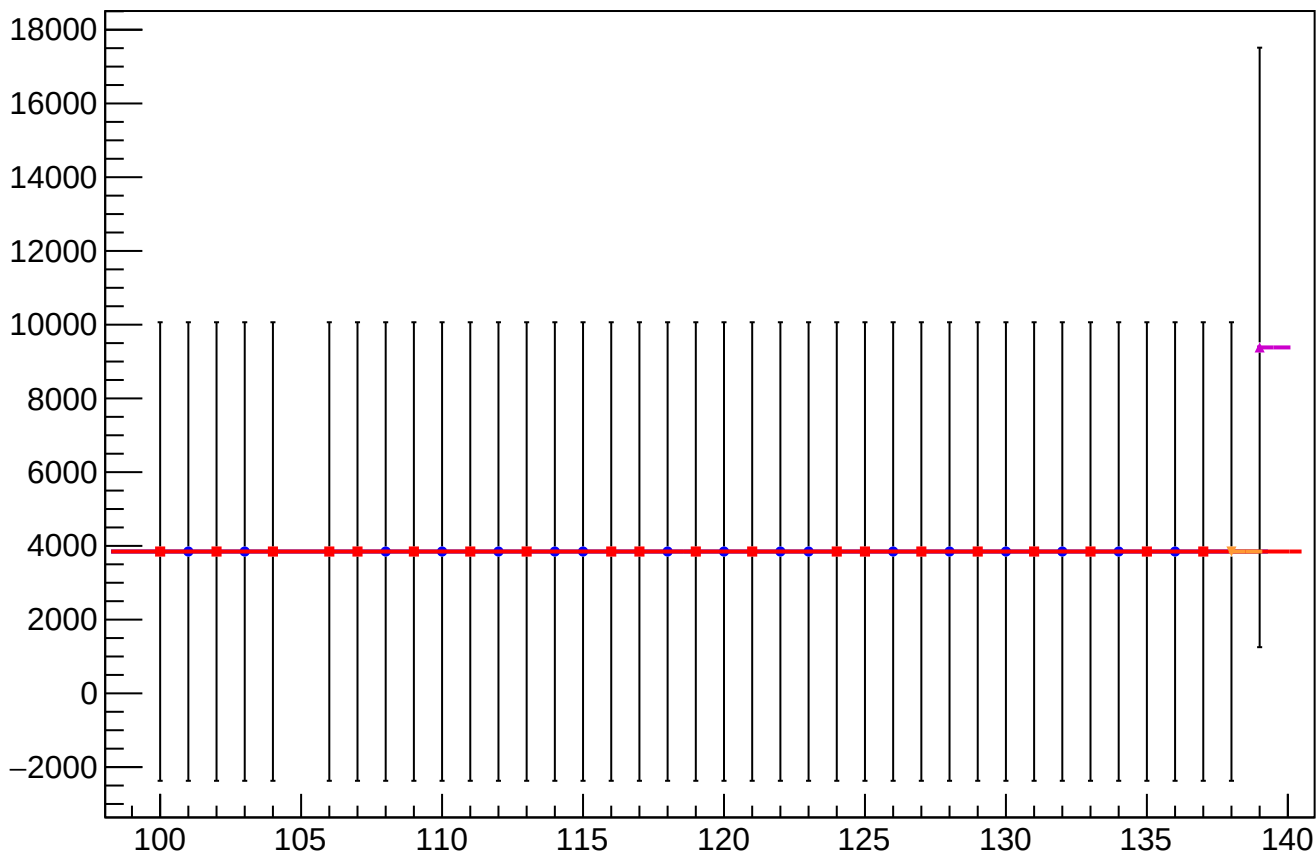
Right Out: 1659.972 $\pm$ 0.307 χ^2 /NDF: 0.0/19

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

1659.972 $\pm$ 0.324 χ^2 /NDF: 0.0/17

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

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 3847.115+/-1508.277 χ^2/NDF : 0.0/16

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

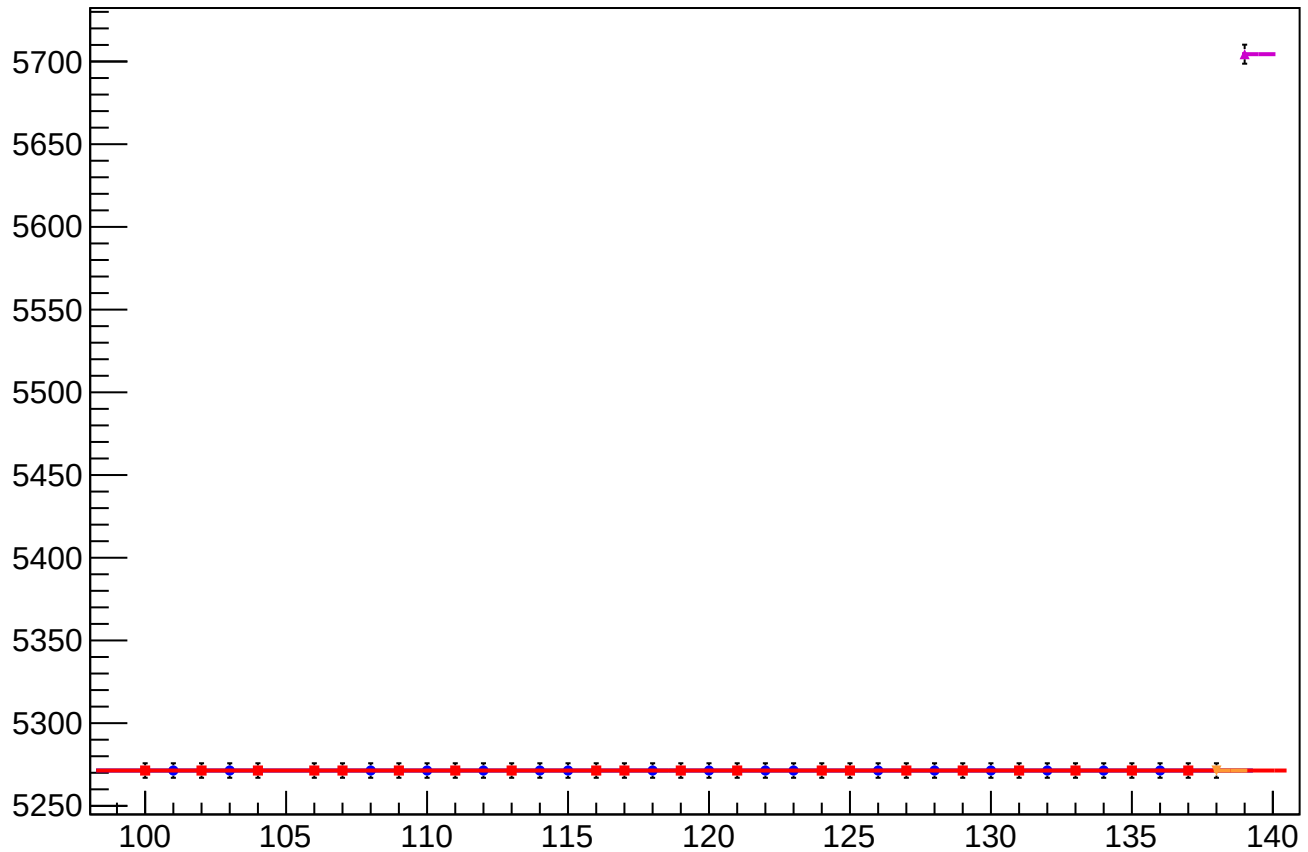
Right Out: 3847.115+/-1390.563 χ^2/NDF : 0.0/19

Left In: 9382.980+/-8130.394 χ^2/NDF : 0.0/0

3847.115+/-1465.782 χ^2/NDF : 0.0/17

4004.449+/-1370.660 χ^2/NDF : 0.5/20

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 5271.366+/-1.067 χ^2/NDF : 0.0/16

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

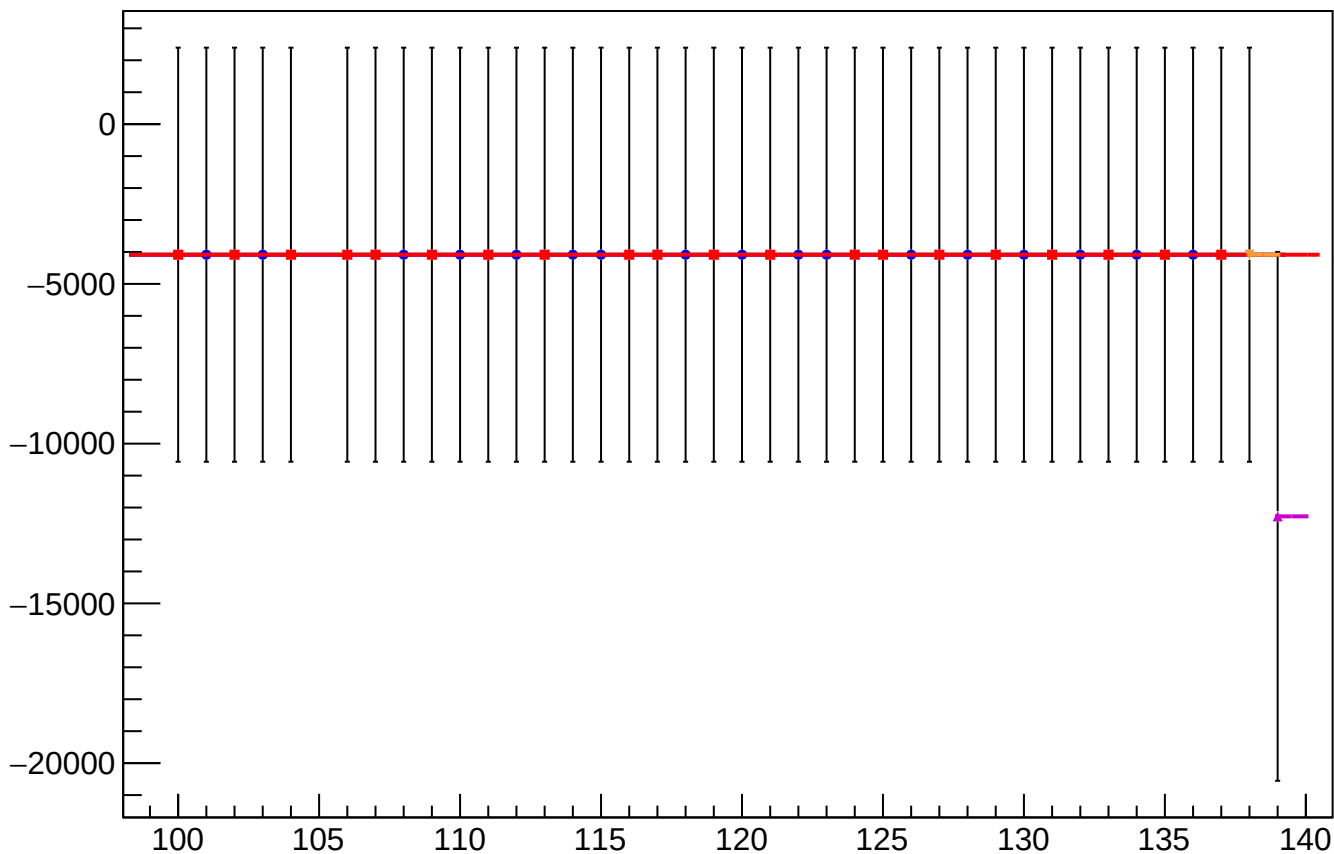
Right Out: 5271.366+/-0.983 χ^2/NDF : 0.0/19

Left In: 5704.416+/-5.749 χ^2/NDF : 0.0/0

5271.366+/-1.036 χ^2/NDF : 0.0/17

5283.673+/-0.969 χ^2/NDF : 5512.7/20

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: -4086.240+/-1571.736 χ^2/NDF : 0.0/16

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

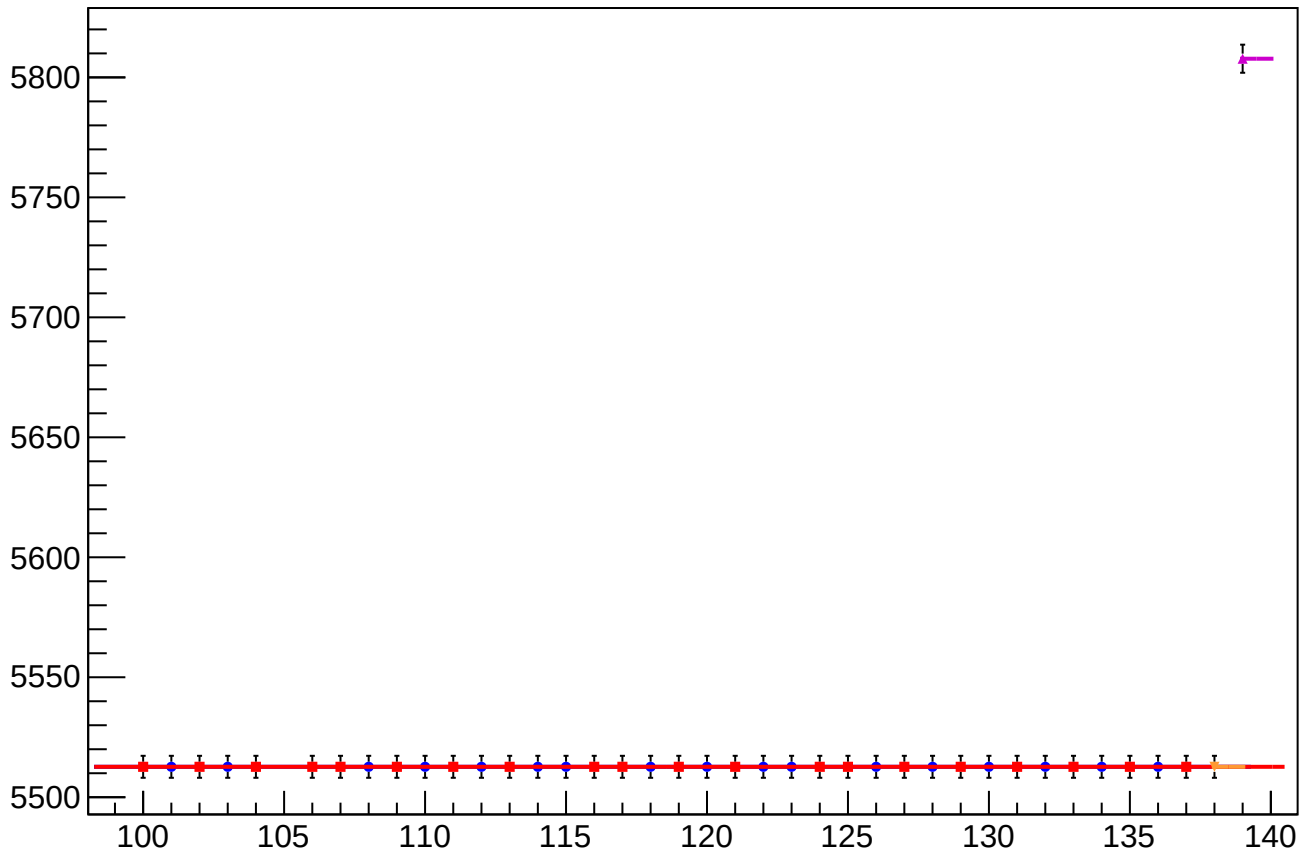
Right Out: -4086.240+/-1449.069 χ^2/NDF : 0.0/19

Left In: -12275.888+/-8277.151 χ^2/NDF : 0.0/0

-4086.240+/-1527.453 χ^2/NDF : 0.0/17

-4329.780+/-1427.361 χ^2/NDF : 0.9/20

asym_atl_avg_atr_avg_avg_rms vs Slug



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

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

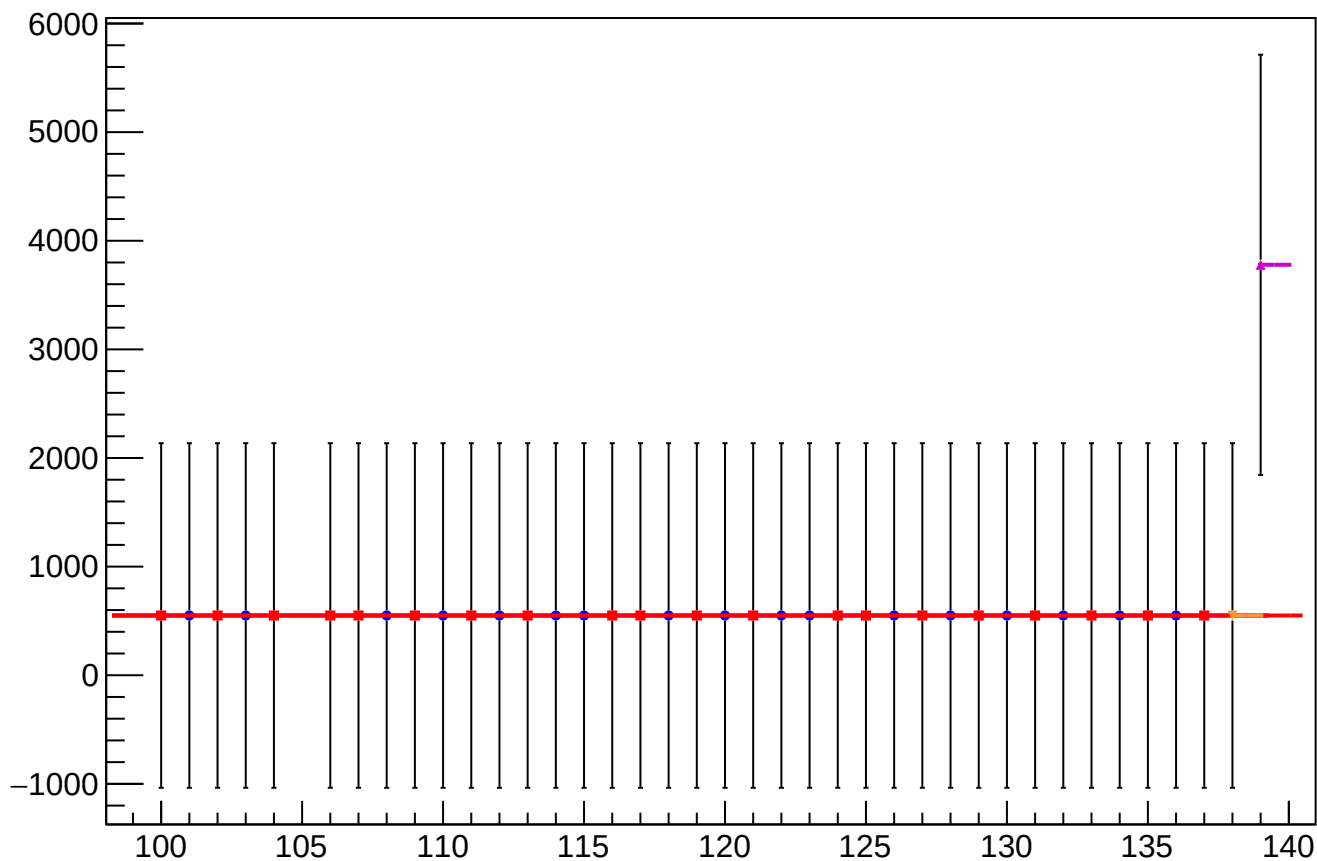
Right Out: 5512.679+/-1.025 χ^2/NDF : 0.0/19

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

5512.679+/-1.080 χ^2/NDF : 0.0/17

5521.455+/-1.009 χ^2/NDF : 2466.7/20

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: 550.049+/-384.722 χ^2/NDF : 0.0/16

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

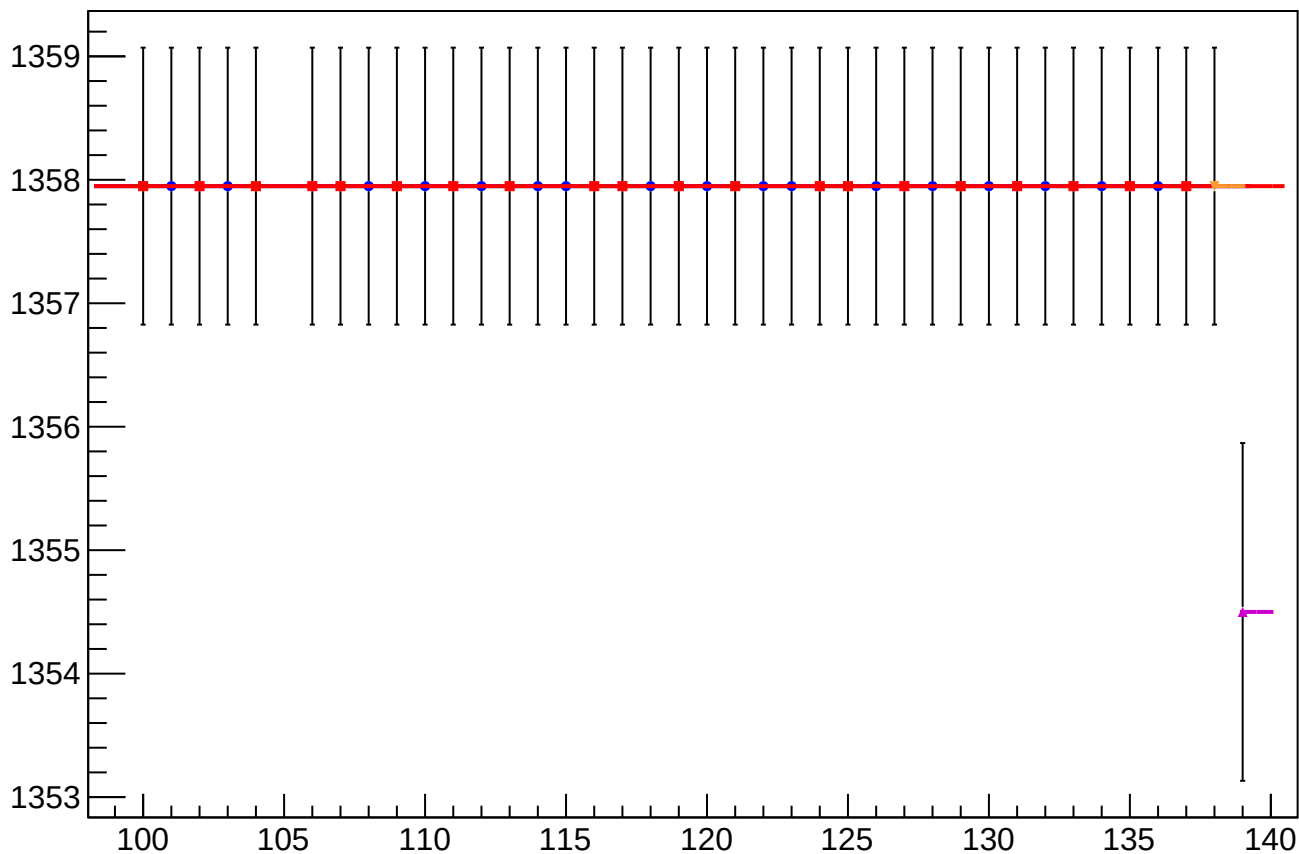
Right Out: 550.049+/-354.696 χ^2/NDF : 0.0/19

Left In: 3778.753+/-1934.455 χ^2/NDF : 0.0/0

550.049+/-373.883 χ^2/NDF : 0.0/17

655.067+/-348.880 χ^2/NDF : 2.7/20

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



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

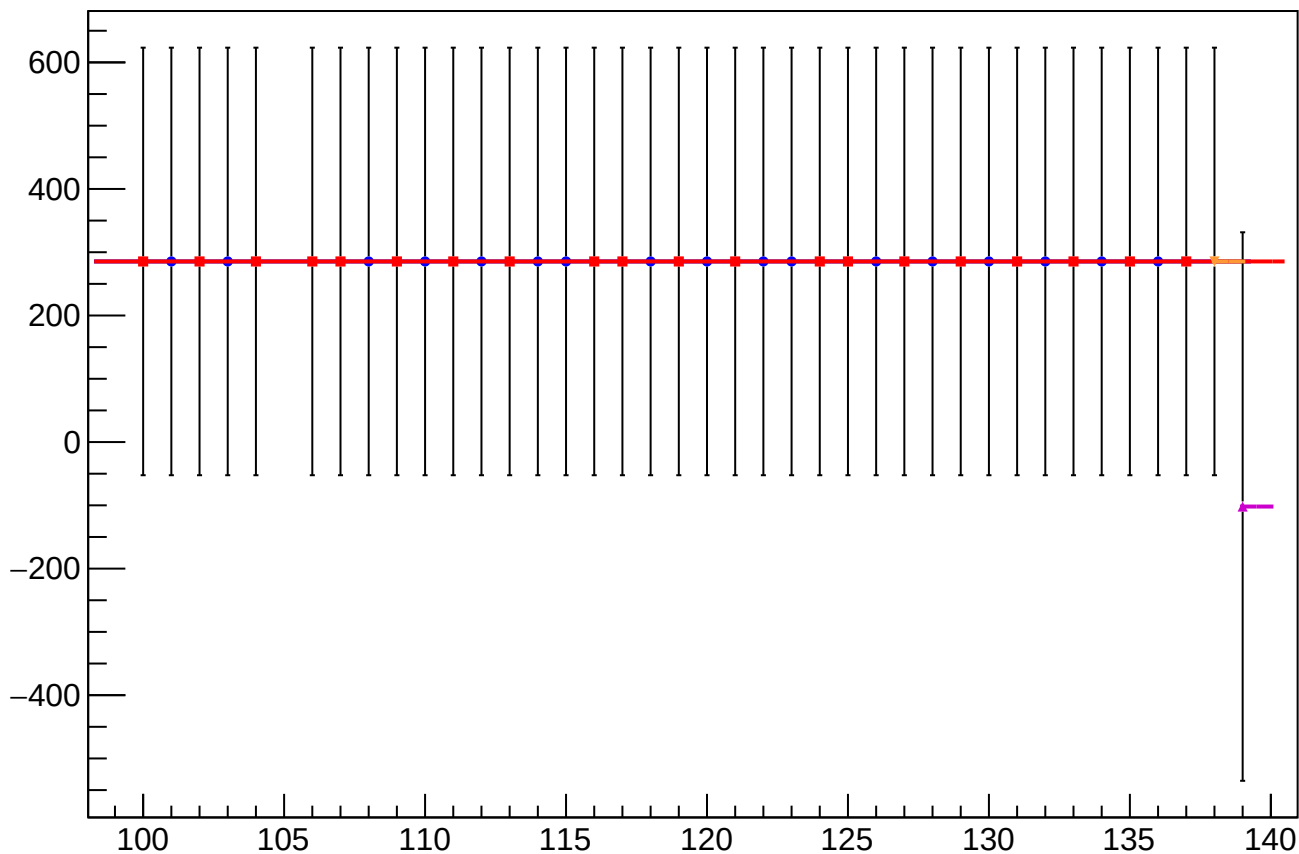
Right Out: 1357.949 $\pm$ 0.251 χ^2 /NDF: 0.0/19

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

1357.949 $\pm$ 0.264 χ^2 /NDF: 0.0/17

1357.836 $\pm$ 0.247 χ^2 /NDF: 6.1/20

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: 285.426+/-81.938 χ^2/NDF : 0.0/16

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

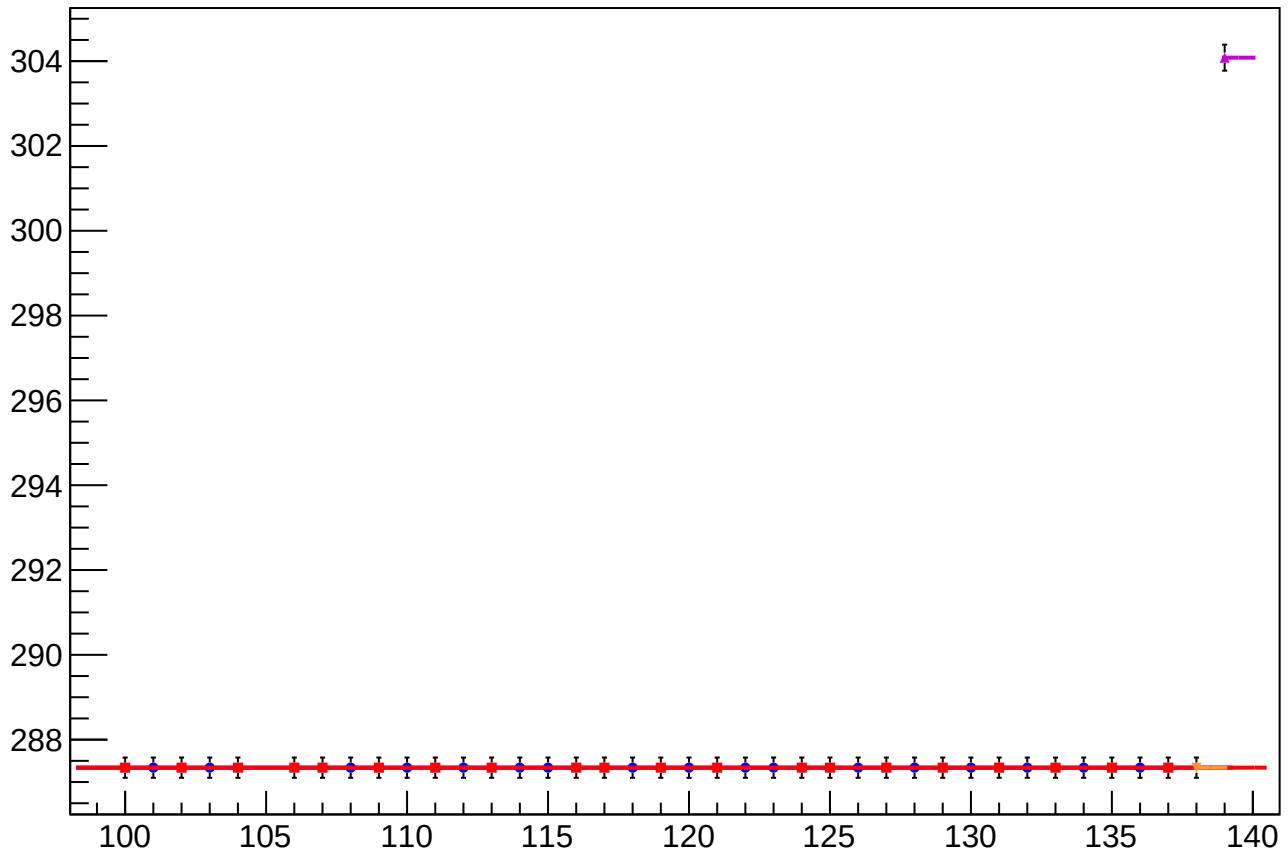
Right Out: 285.426+/-75.543 χ^2/NDF : 0.0/19

Left In: -101.907+/-433.410 χ^2/NDF : 0.0/0

285.426+/-79.629 χ^2/NDF : 0.0/17

274.006+/-74.421 χ^2/NDF : 0.8/20

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

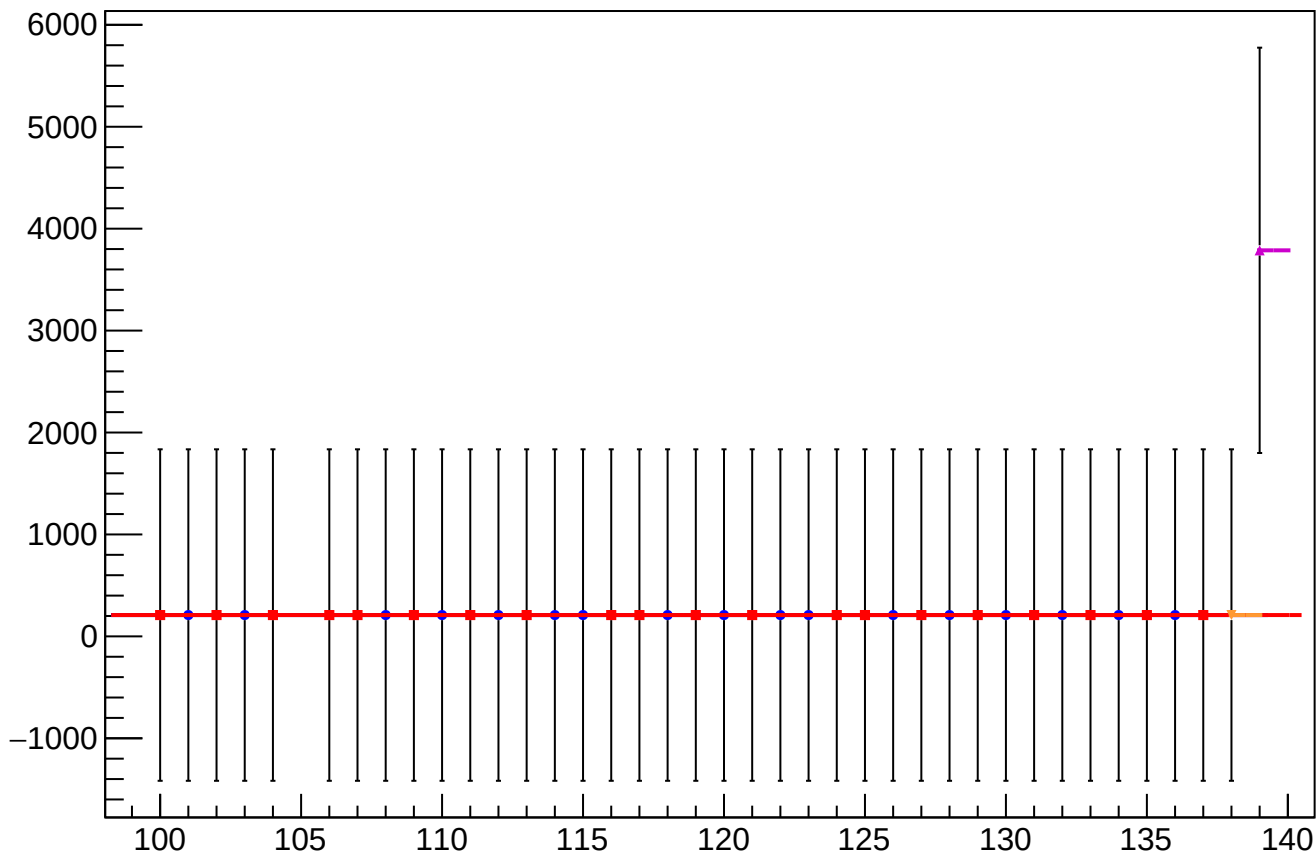
Right Out: 287.339 $\pm$ 0.053 χ^2 /NDF: 0.0/19

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

287.339 $\pm$ 0.056 χ^2 /NDF: 0.0/17

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

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: 209.113+/-394.402 χ^2/NDF : 0.0/16

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

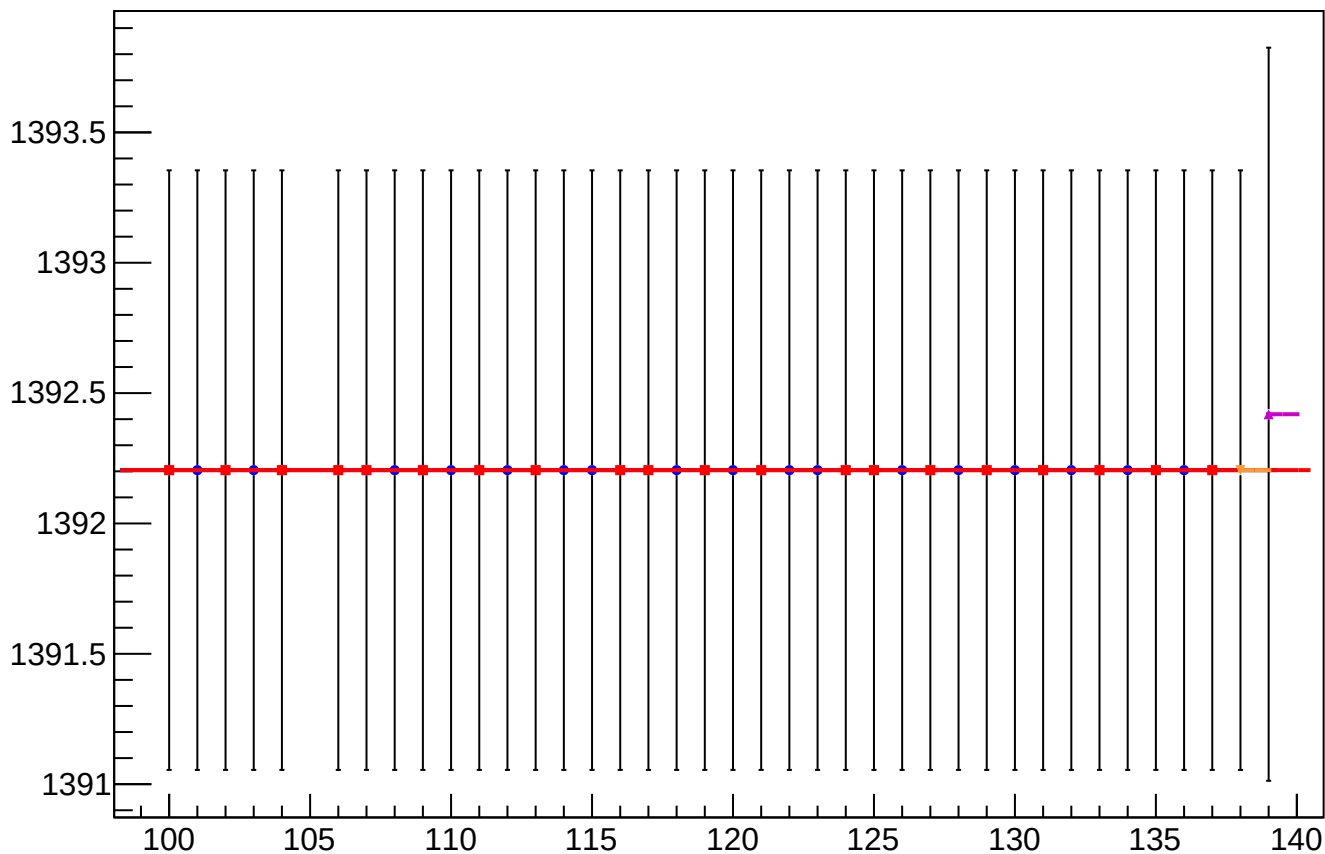
Right Out: 209.113+/-363.621 χ^2/NDF : 0.0/19

Left In: 3787.490+/-1988.388 χ^2/NDF : 0.0/0

209.113+/-383.290 χ^2/NDF : 0.0/17

324.909+/-357.689 χ^2/NDF : 3.1/20

asym_atl_avg_atr_avg_dd_rms vs Slug



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

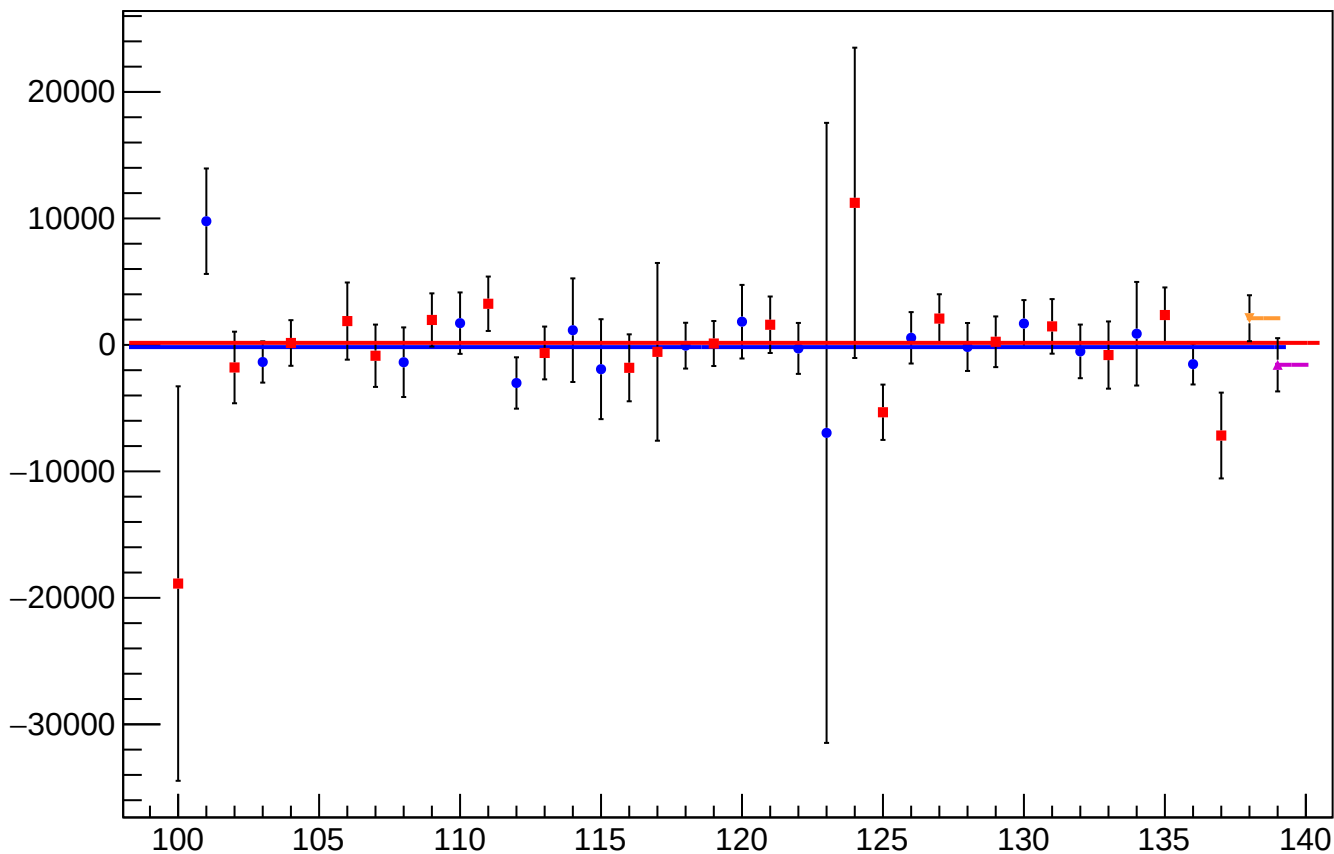
Right Out: 1392.205 $\pm$ 0.257 χ^2 /NDF: 0.0/19

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

1392.205 $\pm$ 0.271 χ^2 /NDF: 0.0/17

1392.211 $\pm$ 0.253 χ^2 /NDF: 0.0/20

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



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

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

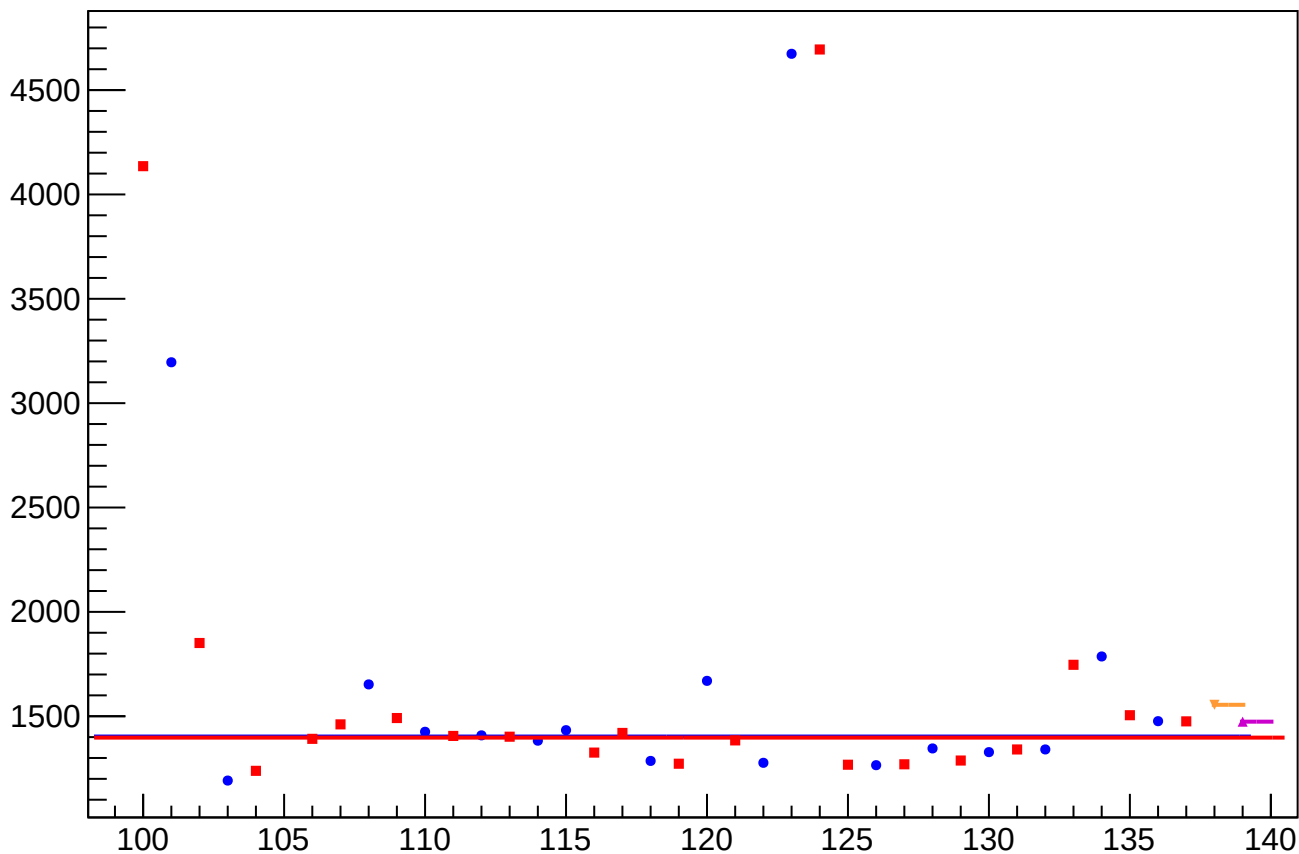
Right Out: 160.745+/-538.513 χ^2/NDF : 20.7/19

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

19.581+/-530.518 χ^2/NDF : 13.2/17

54.369+/-521.726 χ^2/NDF : 21.3/20

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

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

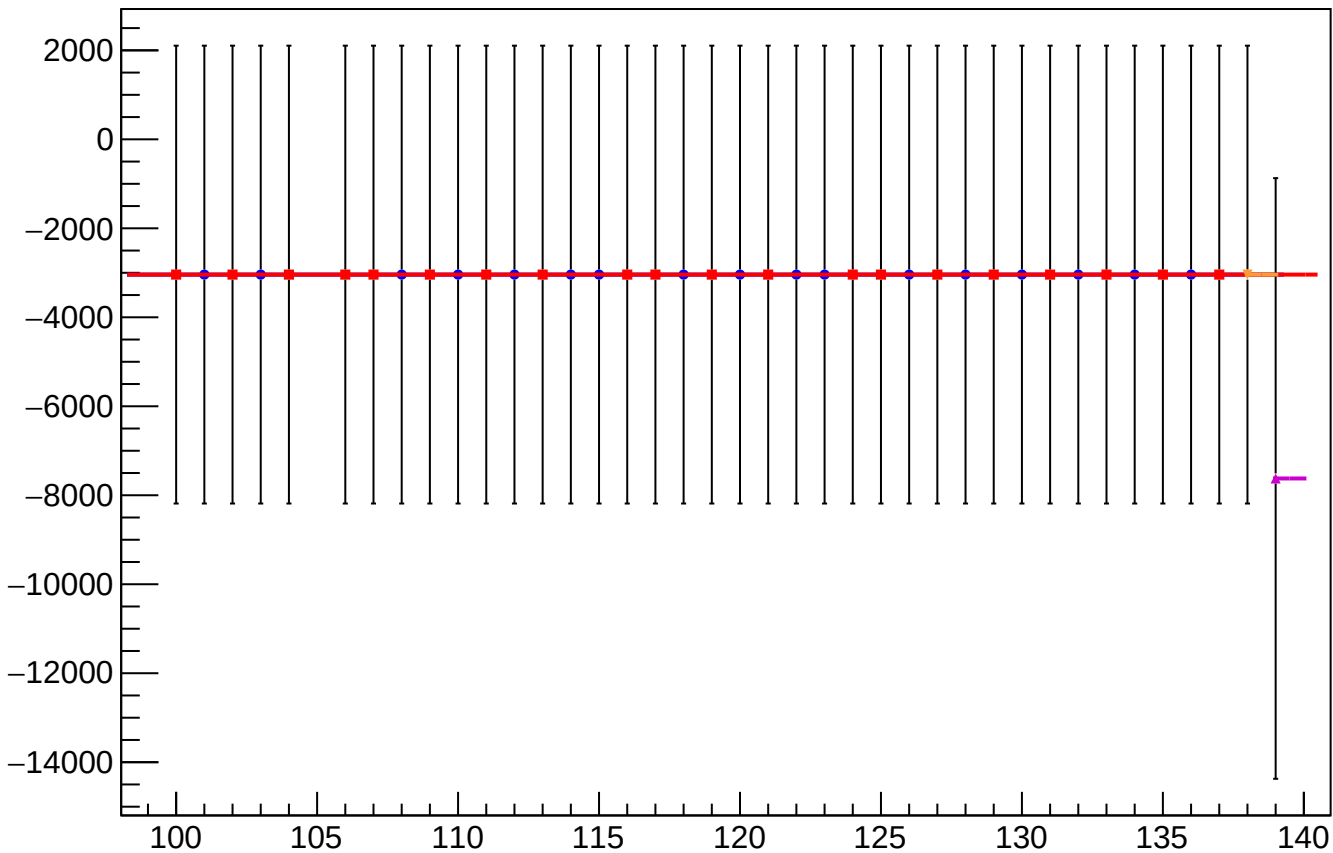
Right Out: 1397.574+/-0.381 χ^2/NDF : 353385.9/19

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

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

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

asym atl dd atr dd avg correction mean vs Slug



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

-3040.411+/-1212.777 χ^2/NDF : 0.0/17

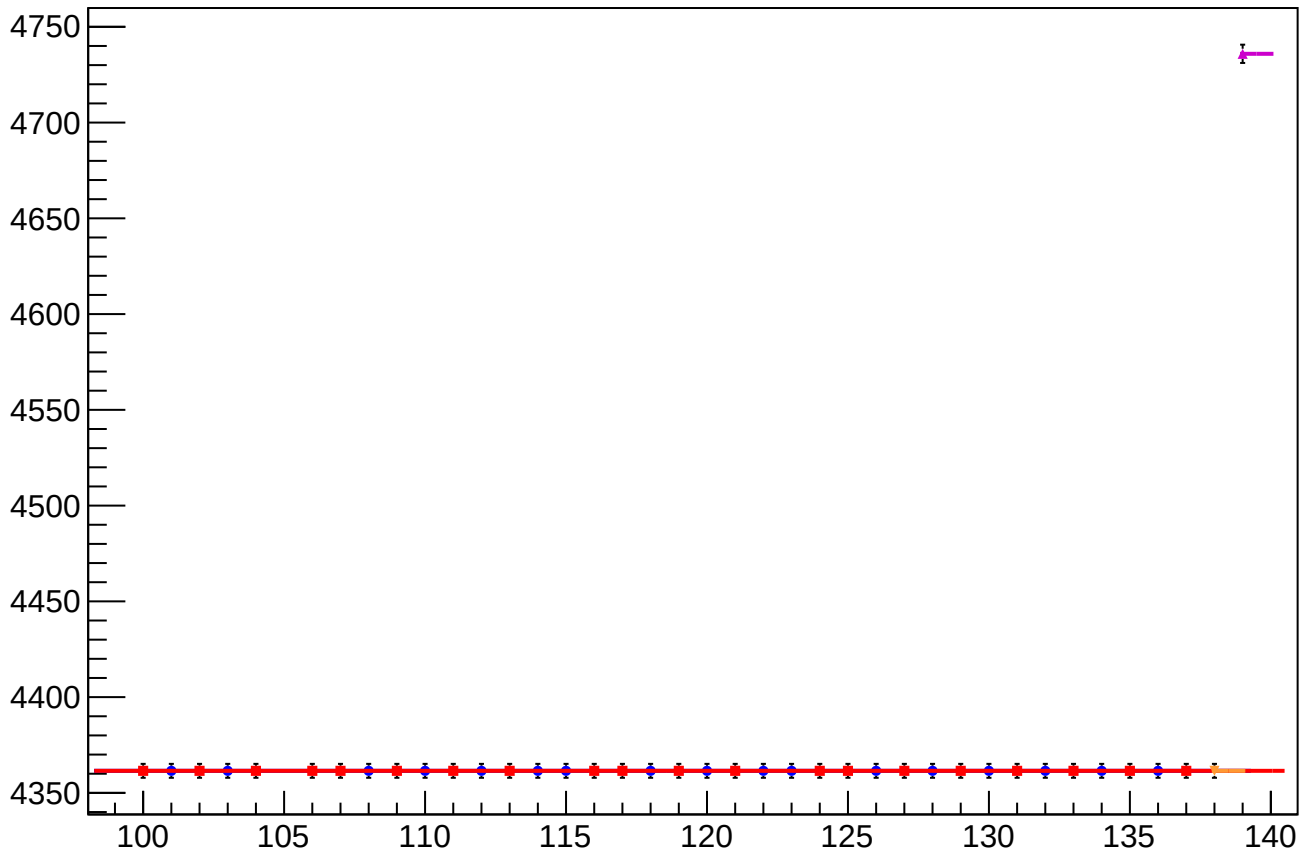
Left Out: -3040.411+/-5145.376 χ^2/NDF :0.0/0

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

-3169.773+/-1134.184 χ^2/NDF : 0.4/20

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

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

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

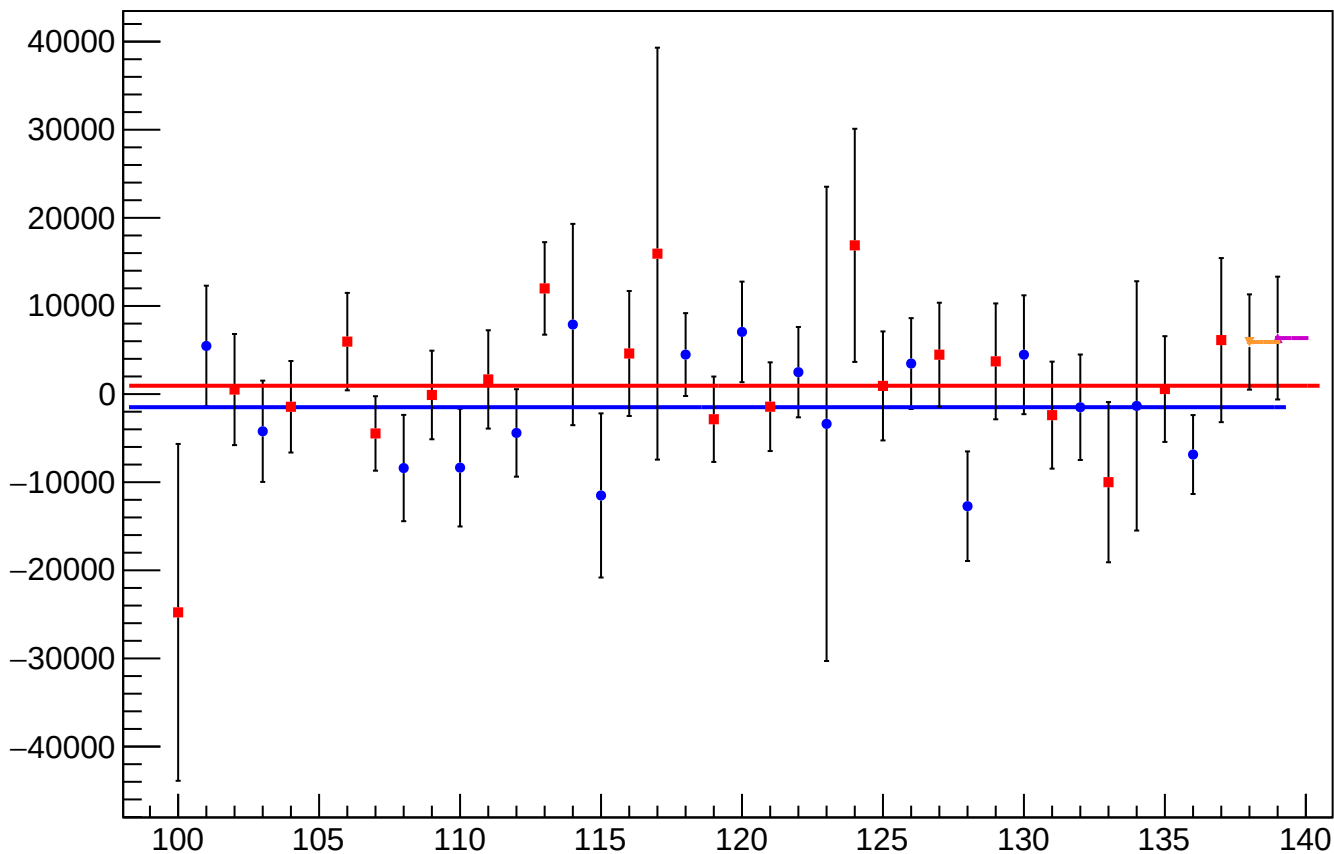
Right Out: 4361.513+/-0.814 χ^2/NDF : 0.0/19

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

4361.513+/-0.858 χ^2/NDF : 0.0/17

4372.083+/-0.802 χ^2/NDF : 5978.6/20

asym_atl_dd_atr_dd_avg_mean vs Slug



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

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

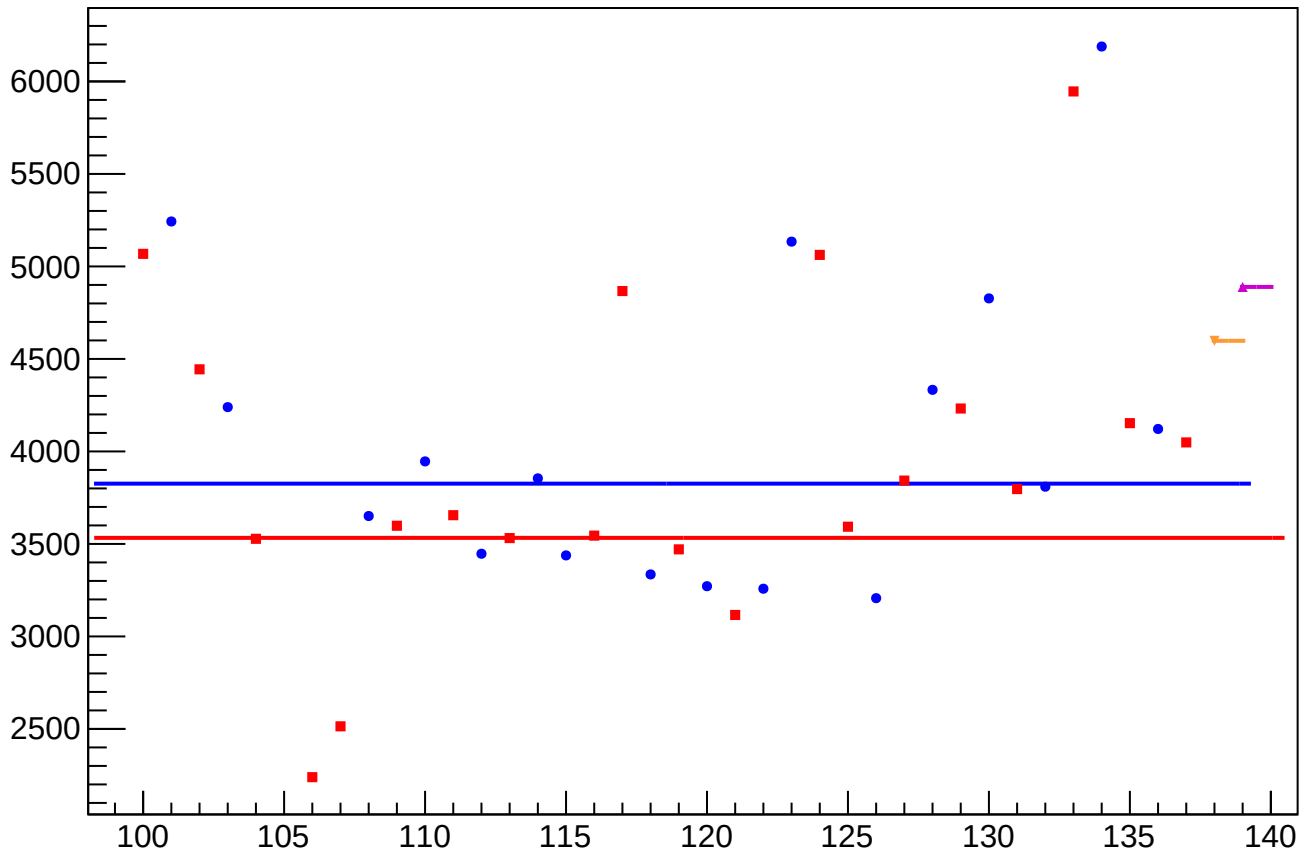
Right Out: 946.322+/-1376.517 χ^2/NDF : 14.5/19

Left In: 6356.819+/-6968.880 χ^2/NDF : 0.0/0

-958.811+/-1444.590 χ^2/NDF : 18.4/17

1149.488+/-1350.425 χ^2/NDF : 15.1/20

asym_atl_dd_atr_dd_avg_rms vs Slug



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

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

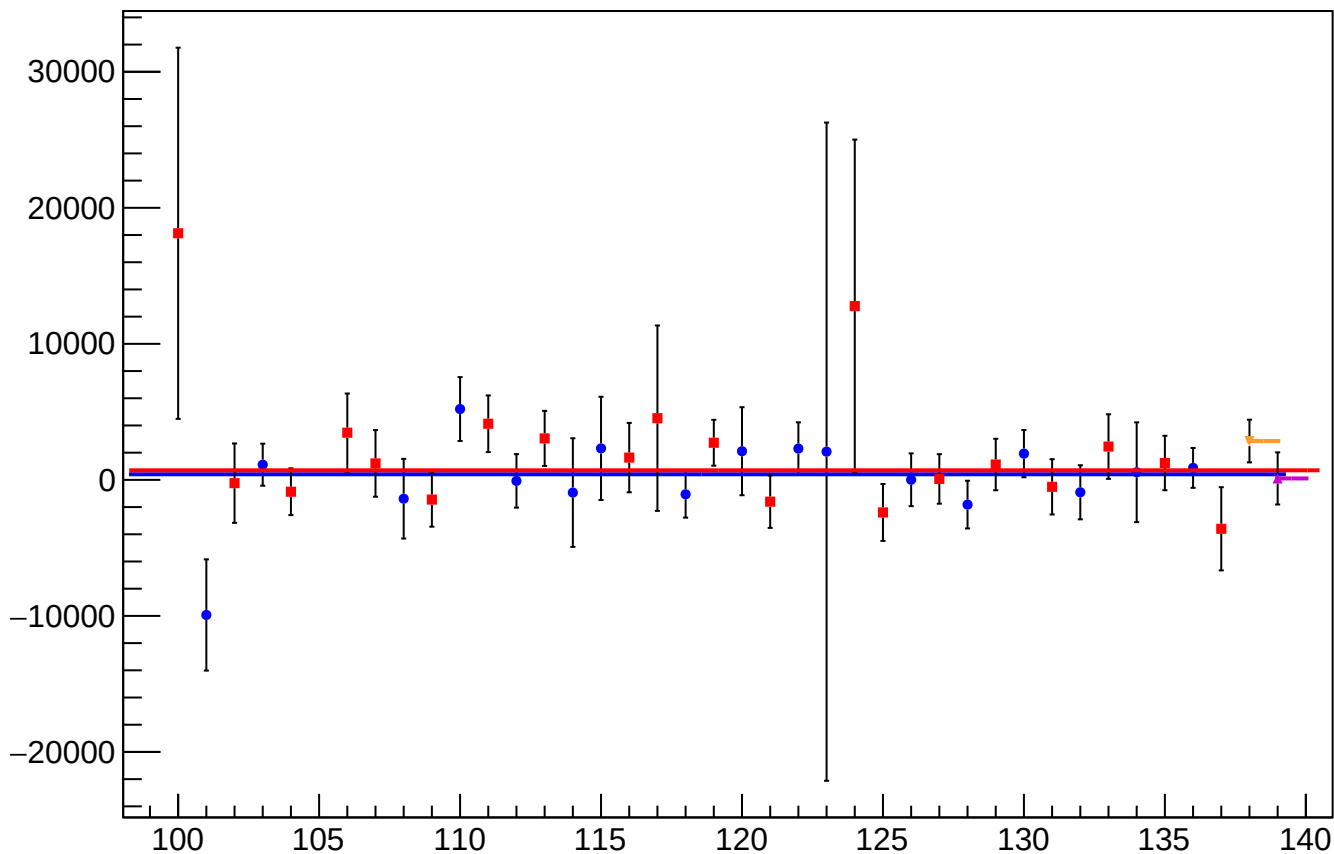
Right Out: 3532.847+/-0.965 χ^2/NDF : 561950.7/19

Left In: 4889.249+/-4.928 χ^2/NDF : 0.0/0

3880.986+/-1.021 χ^2/NDF : 372296.1/17

3582.896+/-0.947 χ^2/NDF : 634922.1/20

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

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

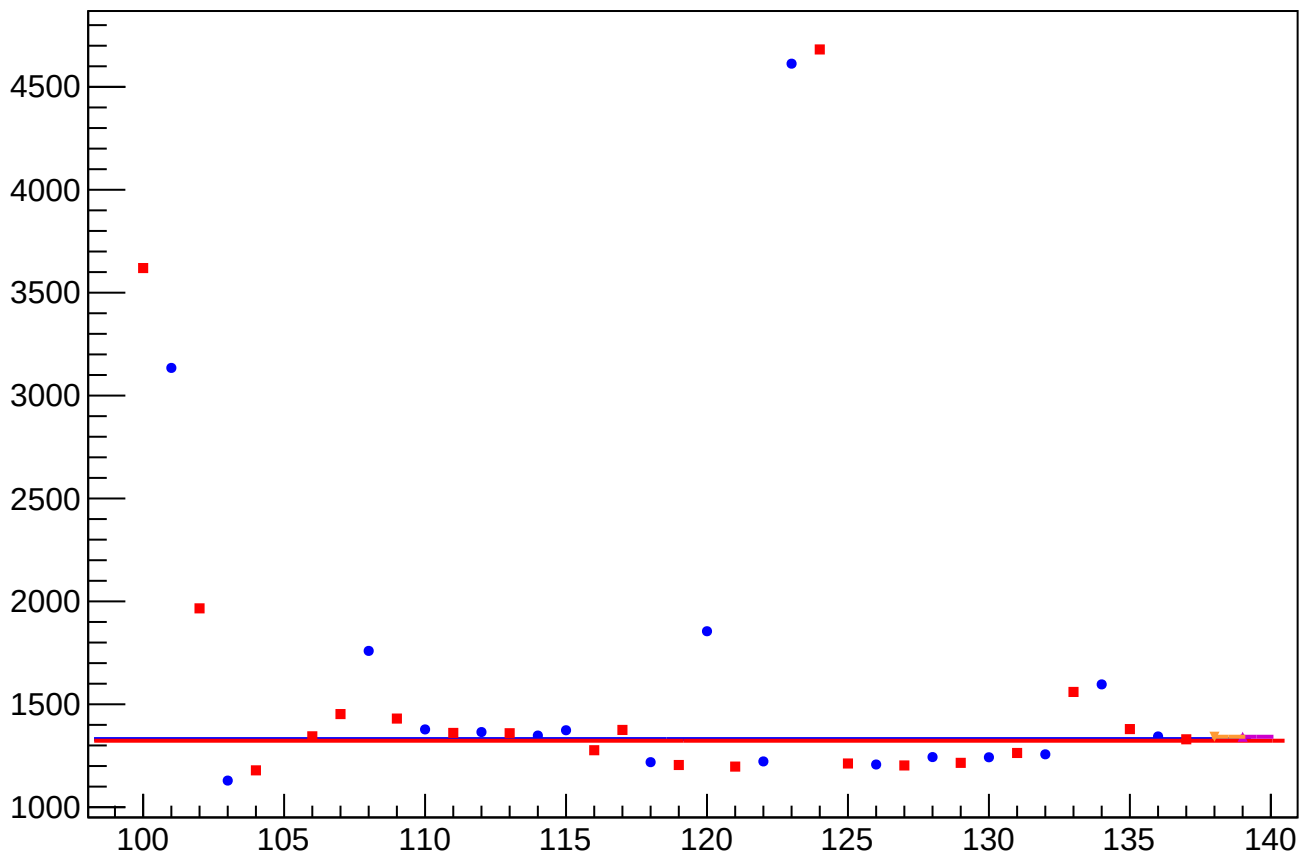
Right Out: 703.653+/-508.772 χ^2/NDF : 18.4/19

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

660.147+/-500.377 χ^2/NDF : 18.7/17

664.374+/-491.748 χ^2/NDF : 18.4/20

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

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

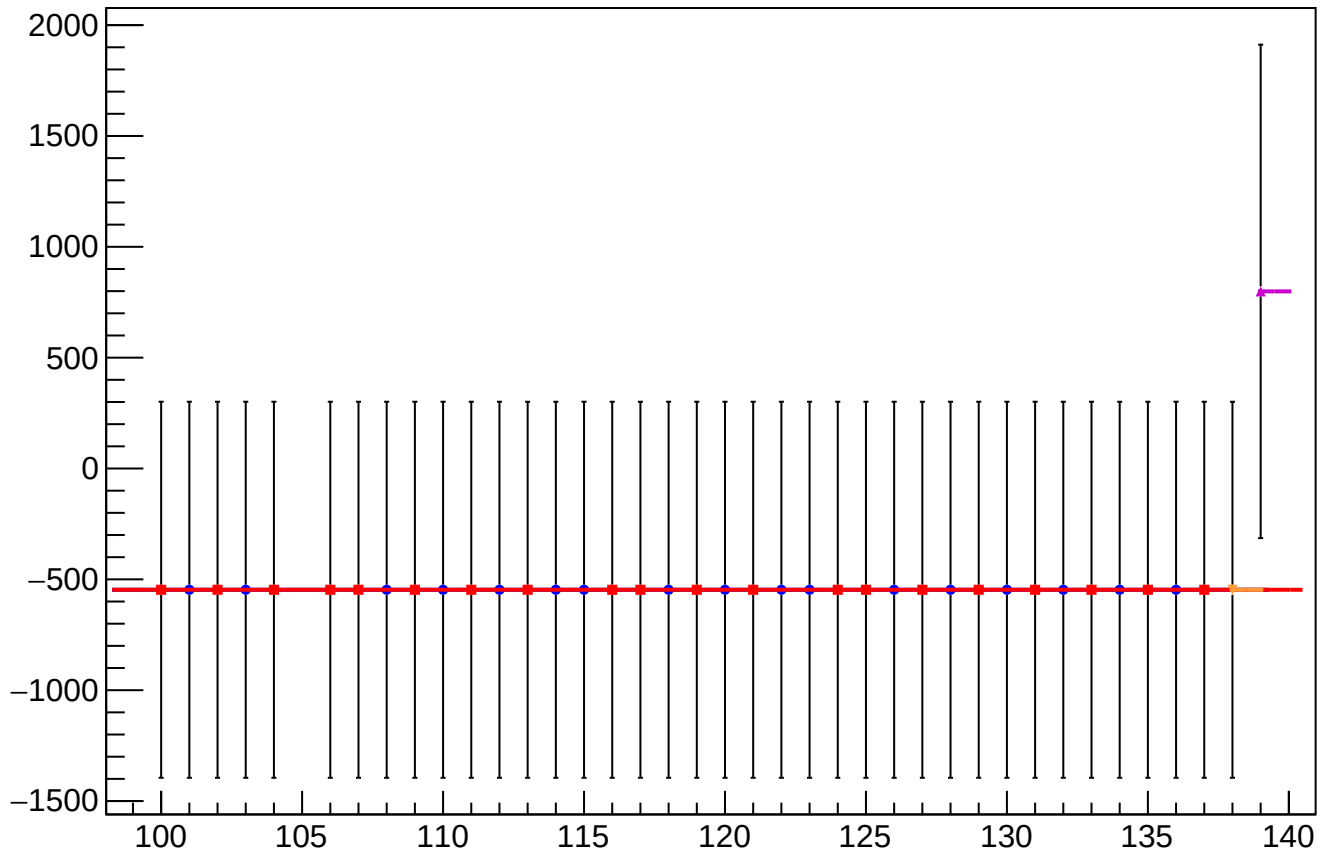
Right Out: 1322.999+/-0.360 χ^2/NDF : 394532.6/19

Left In: 1342.227+/-1.356 χ^2/NDF : 0.0/0

1332.057+/-0.354 χ^2/NDF : 603570.6/17

1324.265+/-0.348 χ^2/NDF : 394720.5/20

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

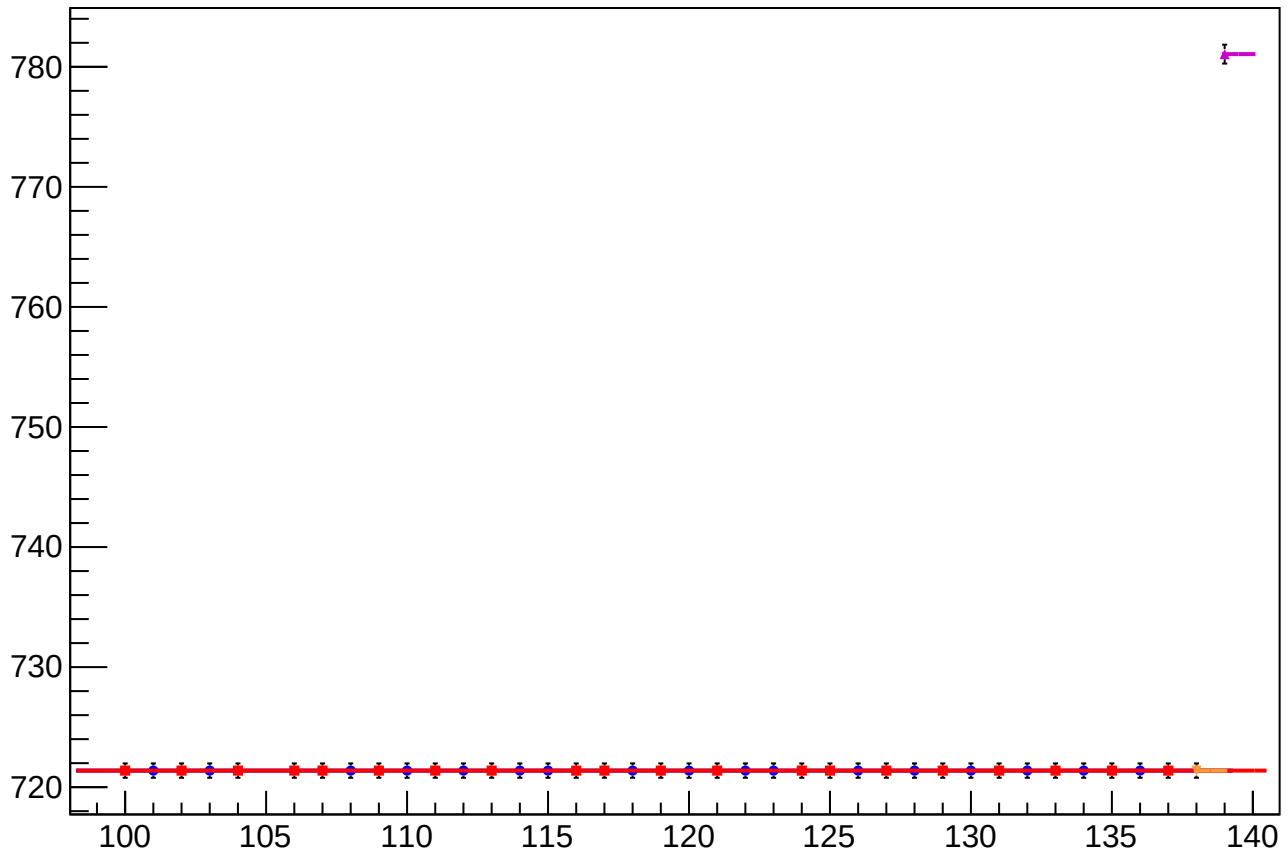
Right Out: -546.996 $\pm$ 189.655 χ^2 /NDF: 0.0/19

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

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

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

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

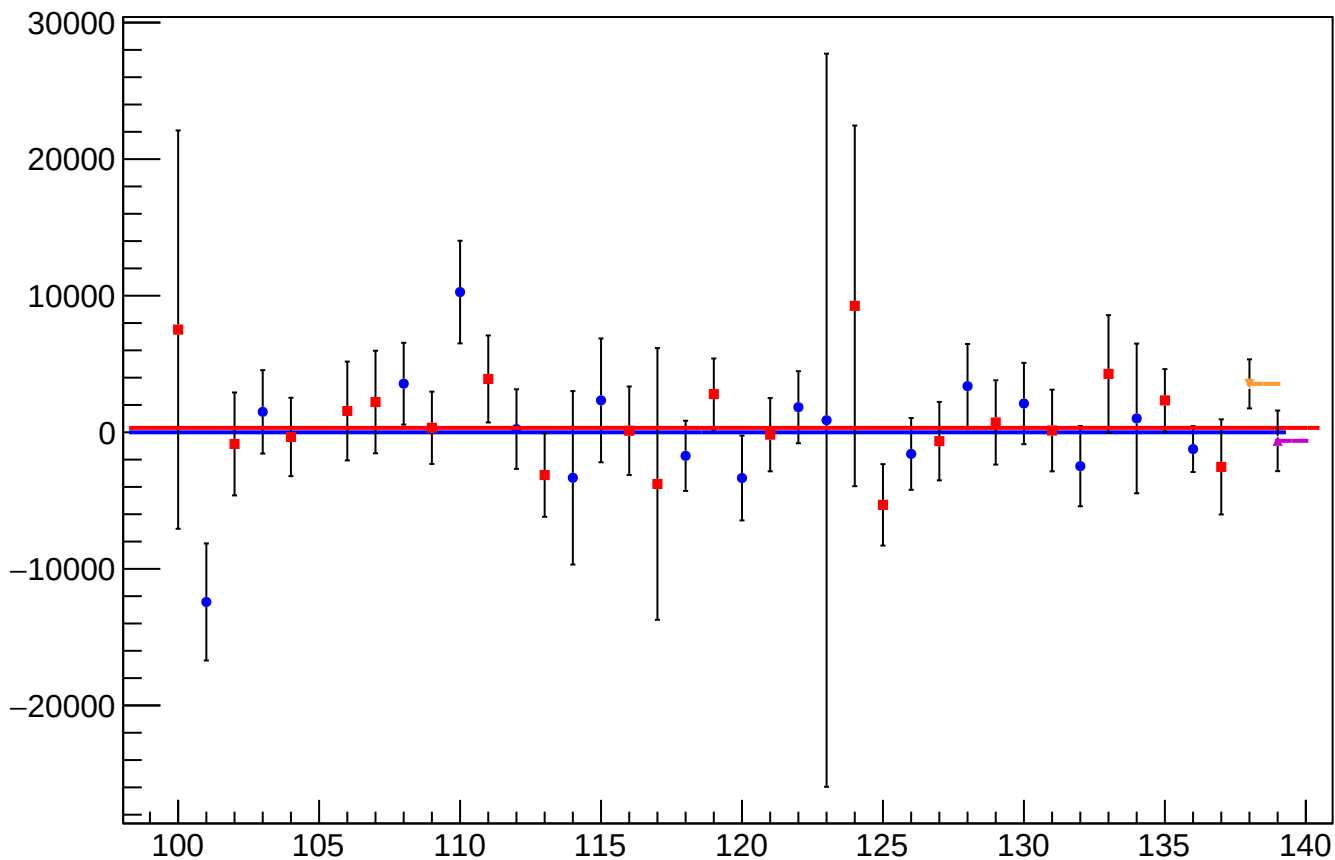
Right Out: 721.380 $\pm$ 0.134 χ^2 /NDF: 0.0/19

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

721.380 $\pm$ 0.141 χ^2 /NDF: 0.0/17

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

asym_atl_dd_atr_dd_dd_mean vs Slug



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

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

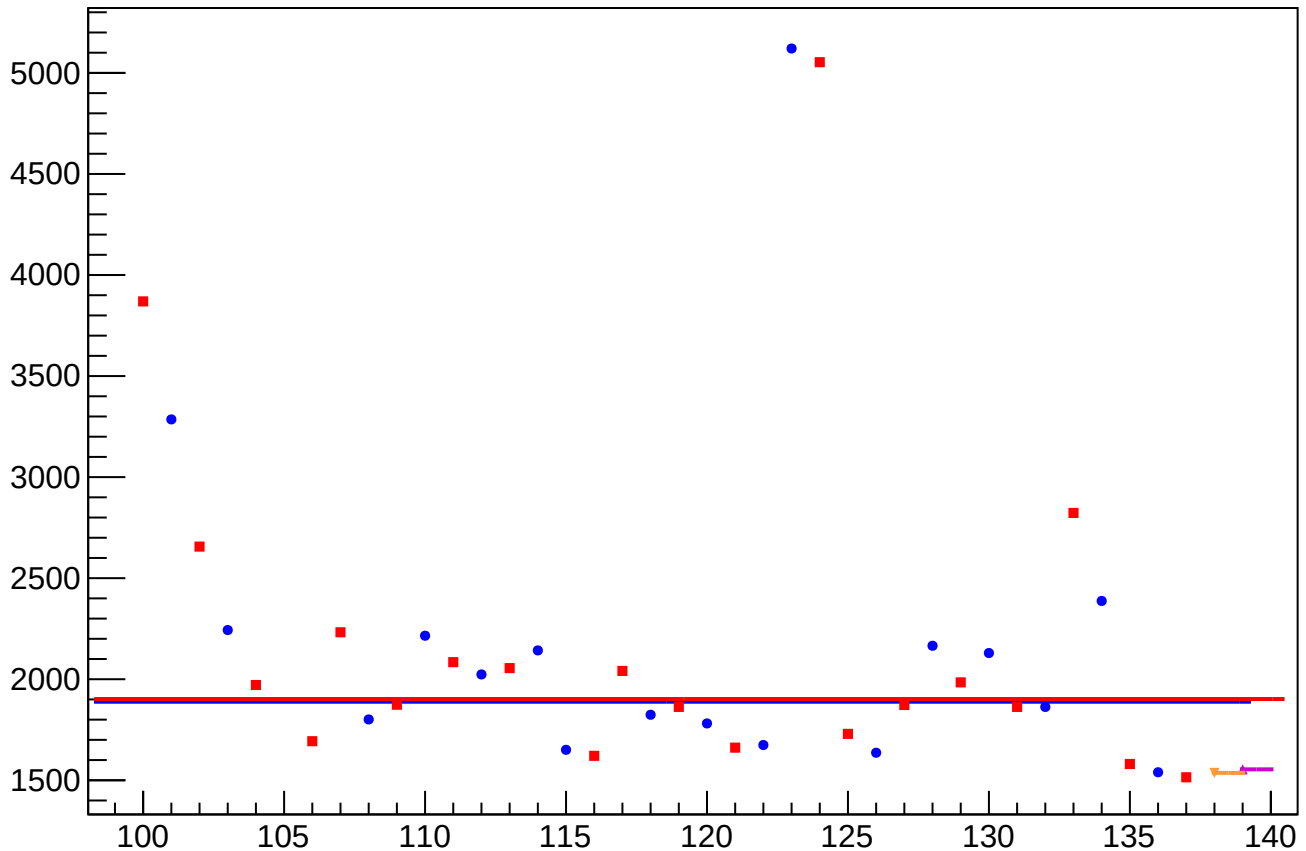
Right Out: 322.815 ± 731.735 χ^2/NDF : 10.9/19

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

519.450 ± 688.126 χ^2/NDF : 26.8/17

229.745 ± 694.910 χ^2/NDF : 11.0/20

asym_atl_dd_atr_dd_dd_rms vs Slug



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

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

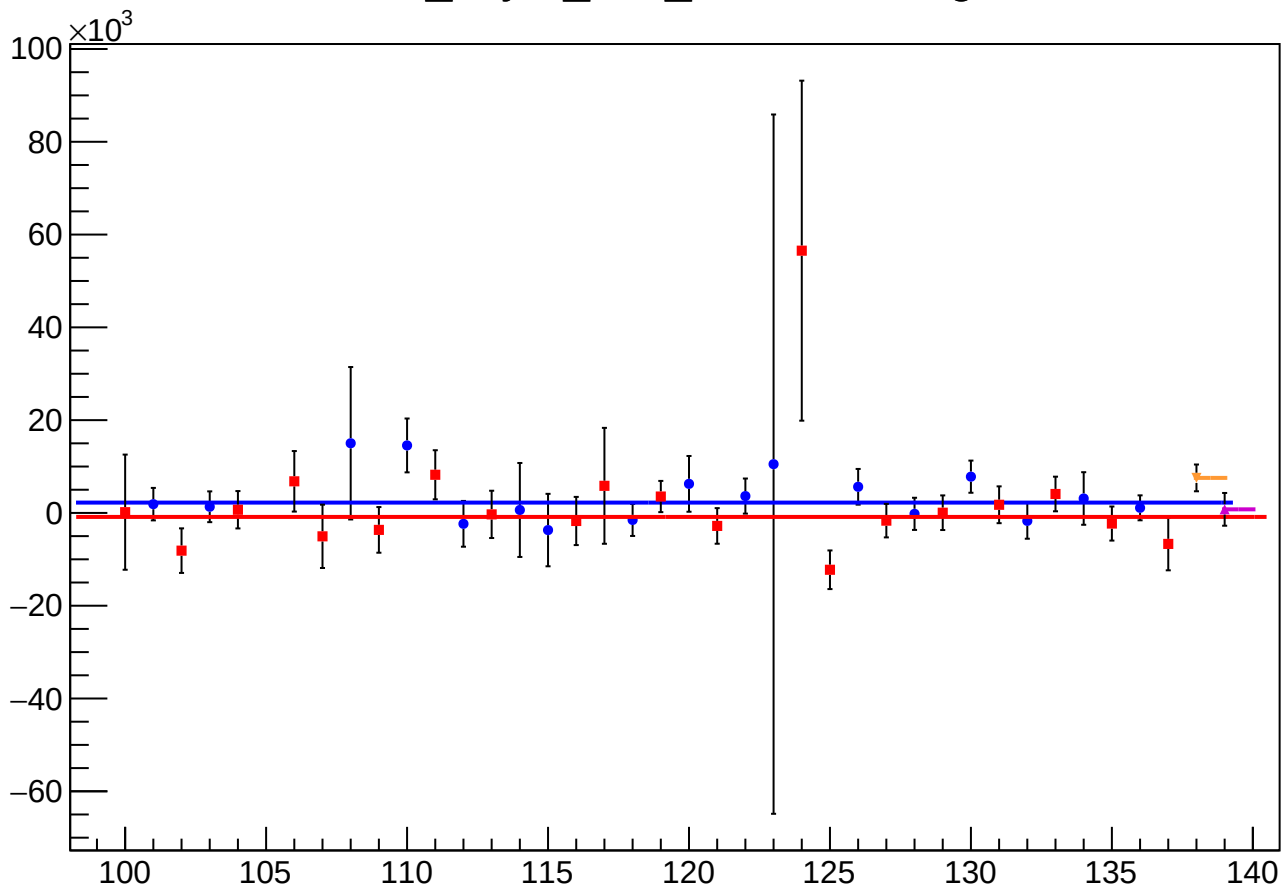
Right Out: 1902.004+/-0.517 χ^2/NDF : 461817.0/19

Left In: 1554.076+/-1.569 χ^2/NDF : 0.0/0

1837.032+/-0.487 χ^2/NDF : 531555.4/17

1867.867+/-0.491 χ^2/NDF : 506183.9/20

dit_asym_atl1_mean vs Slug



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

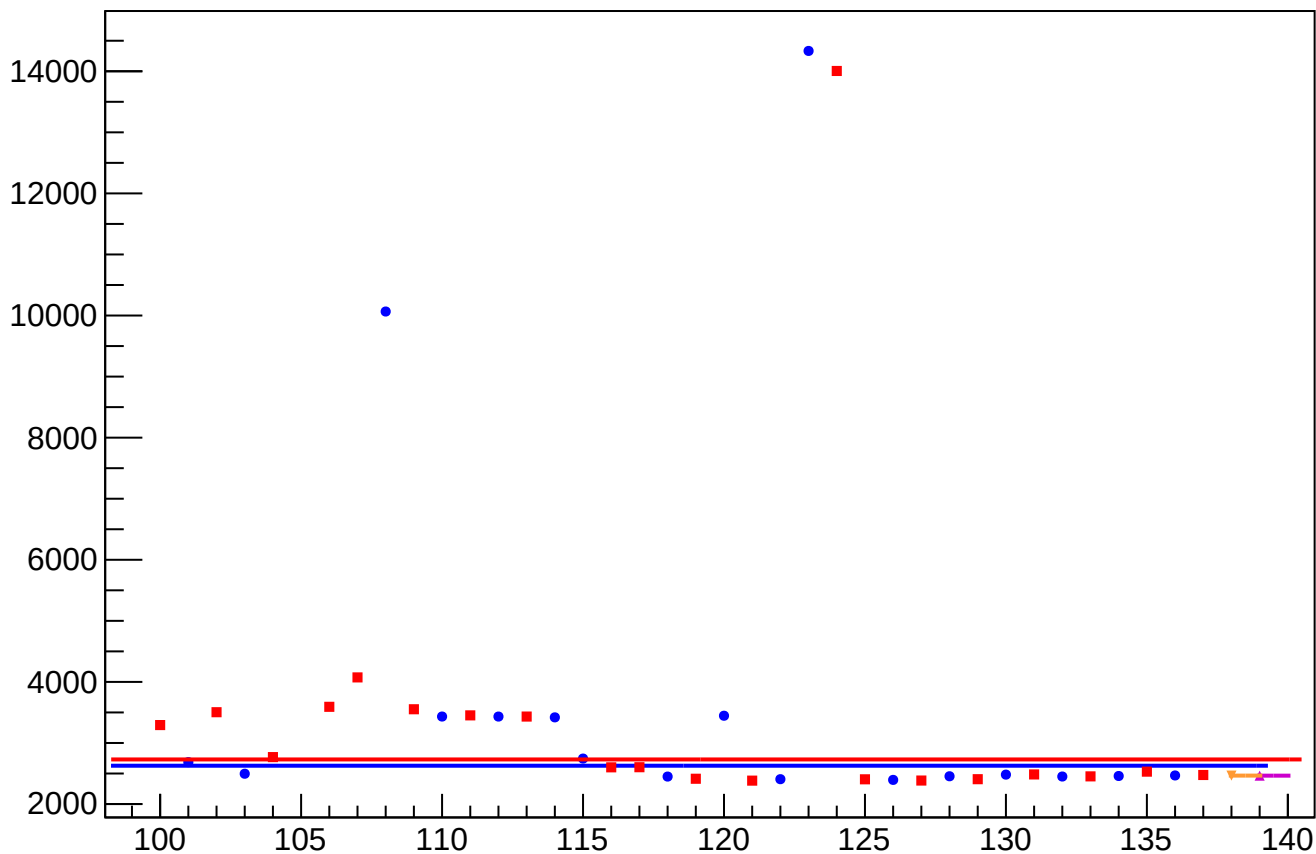
Right Out: -860.748 $\pm$ 1043.221 χ^2 /NDF: 23.2/19

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

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

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

dit_asym_atl1_rms vs Slug



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

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

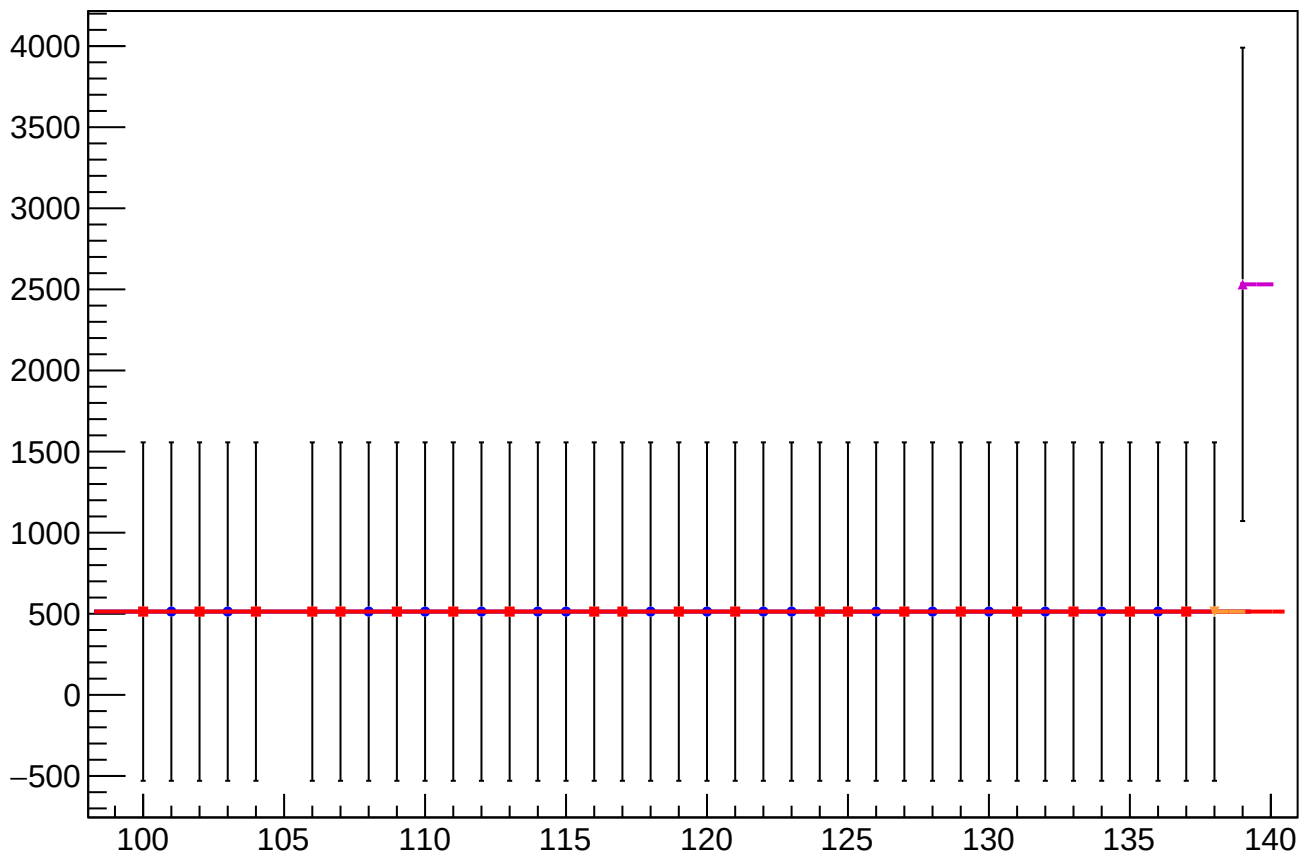
Right Out: 2730.377 ± 0.738 χ^2/NDF : 598416.7/19

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

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

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

asym_atl1_correction_mean vs Slug



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

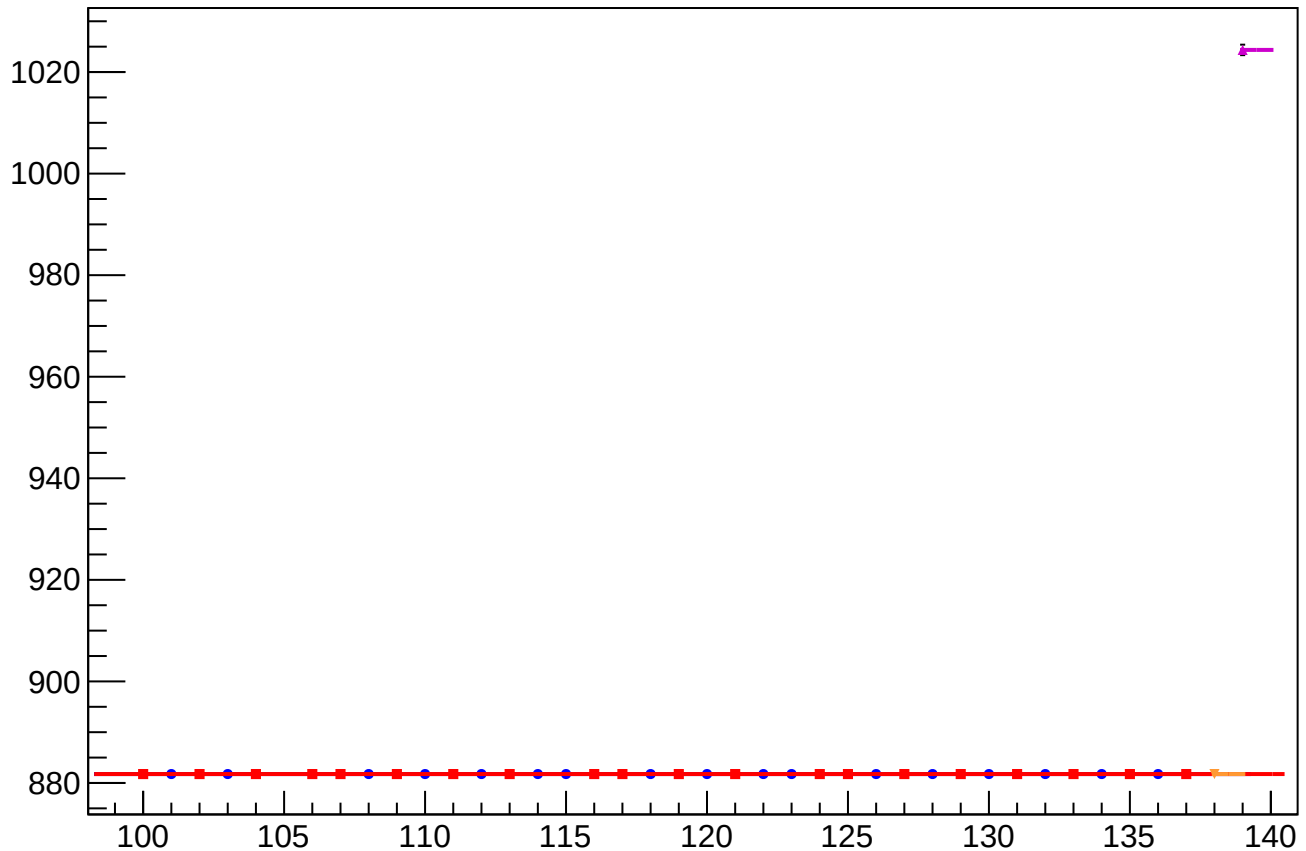
Right Out: 513.556 $\pm$ 233.287 χ^2 /NDF: 0.0/19

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

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

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

asym_atl1_correction_rms vs Slug



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

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

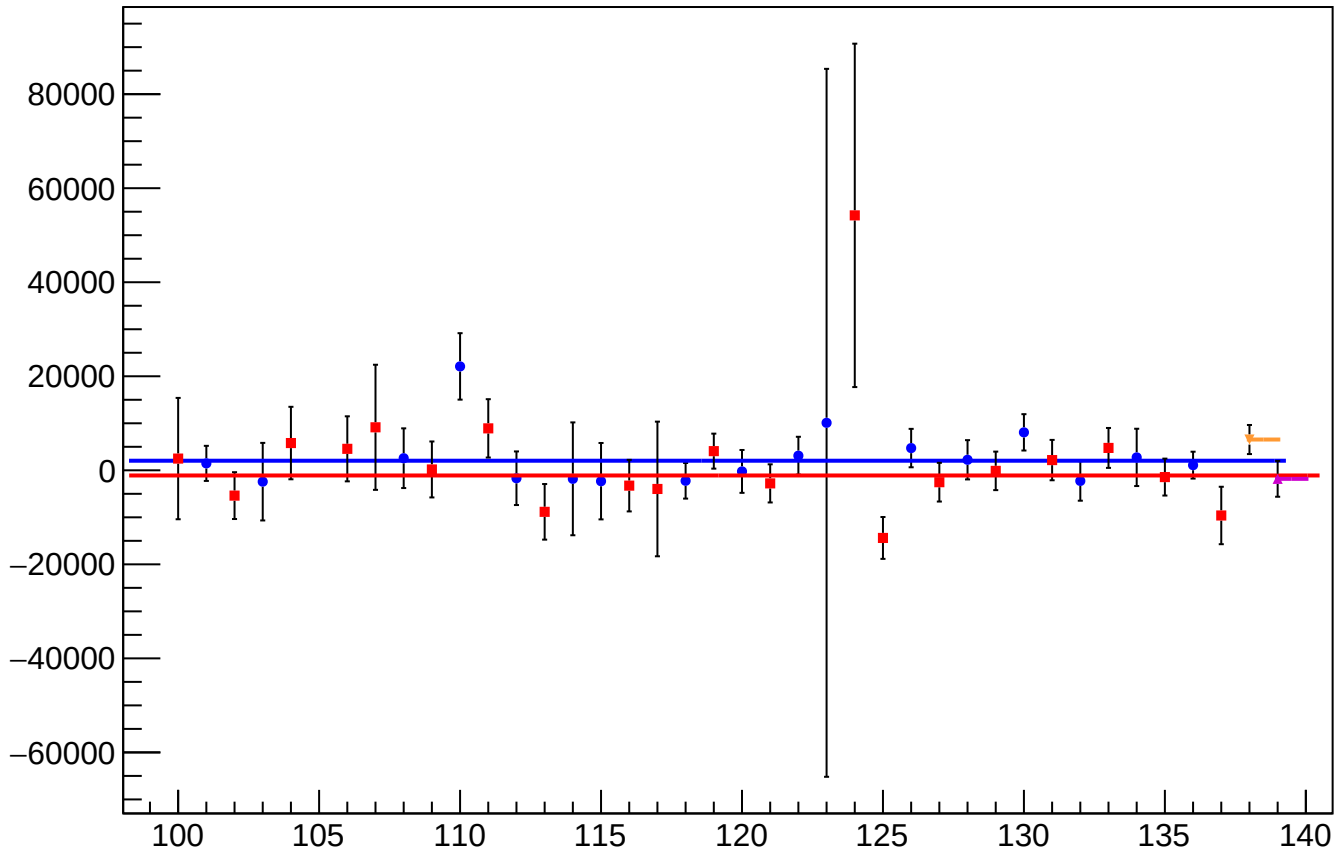
Right Out: 881.756+/-0.165 χ^2/NDF : 0.0/19

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

881.756+/-0.174 χ^2/NDF : 0.0/17

885.310+/-0.163 χ^2/NDF : 18623.3/20

asym_atl1_mean vs Slug



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

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

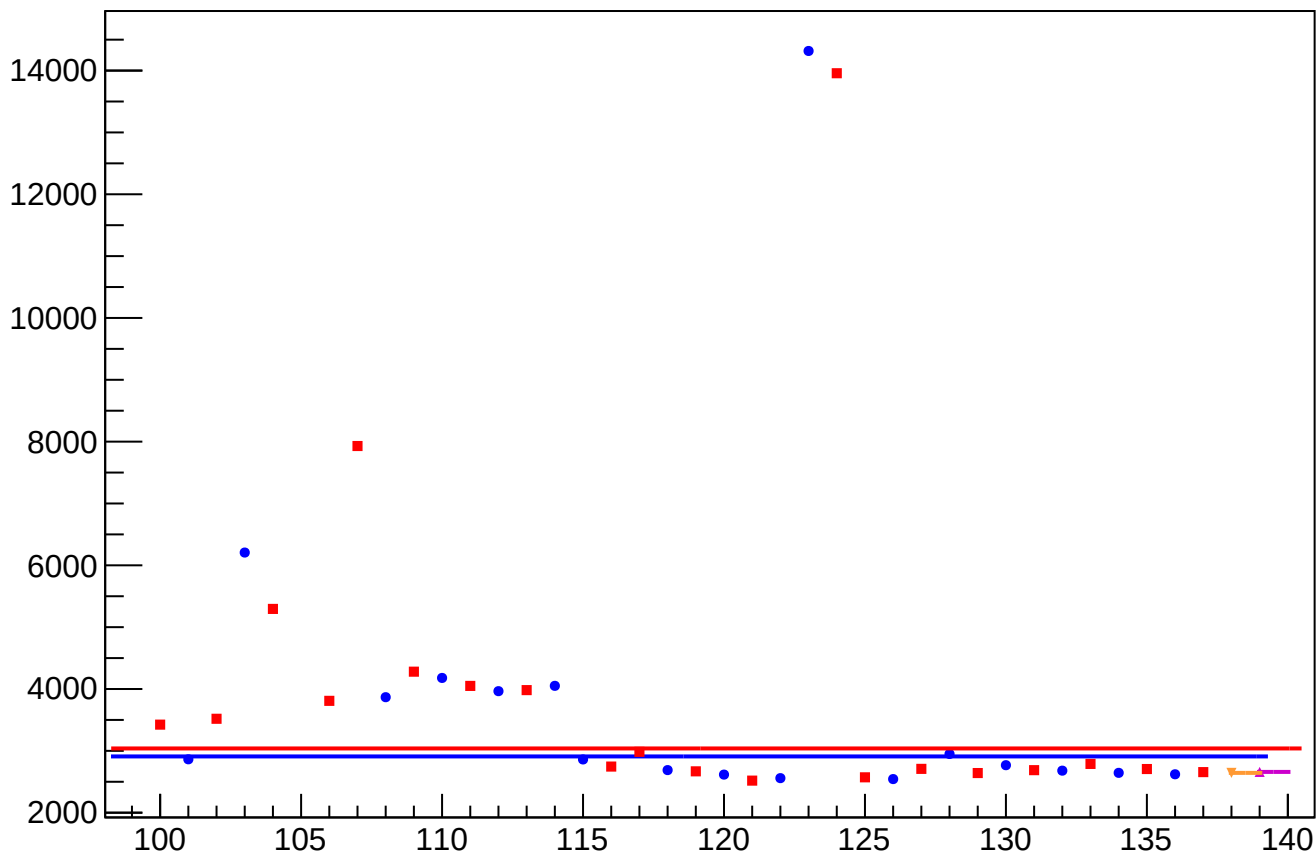
2586.322+/-1079.105 χ^2/NDF : 16.7/17

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

-1162.935+/-1129.393 χ^2/NDF : 25.4/20

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

asym_atl1_rms vs Slug



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

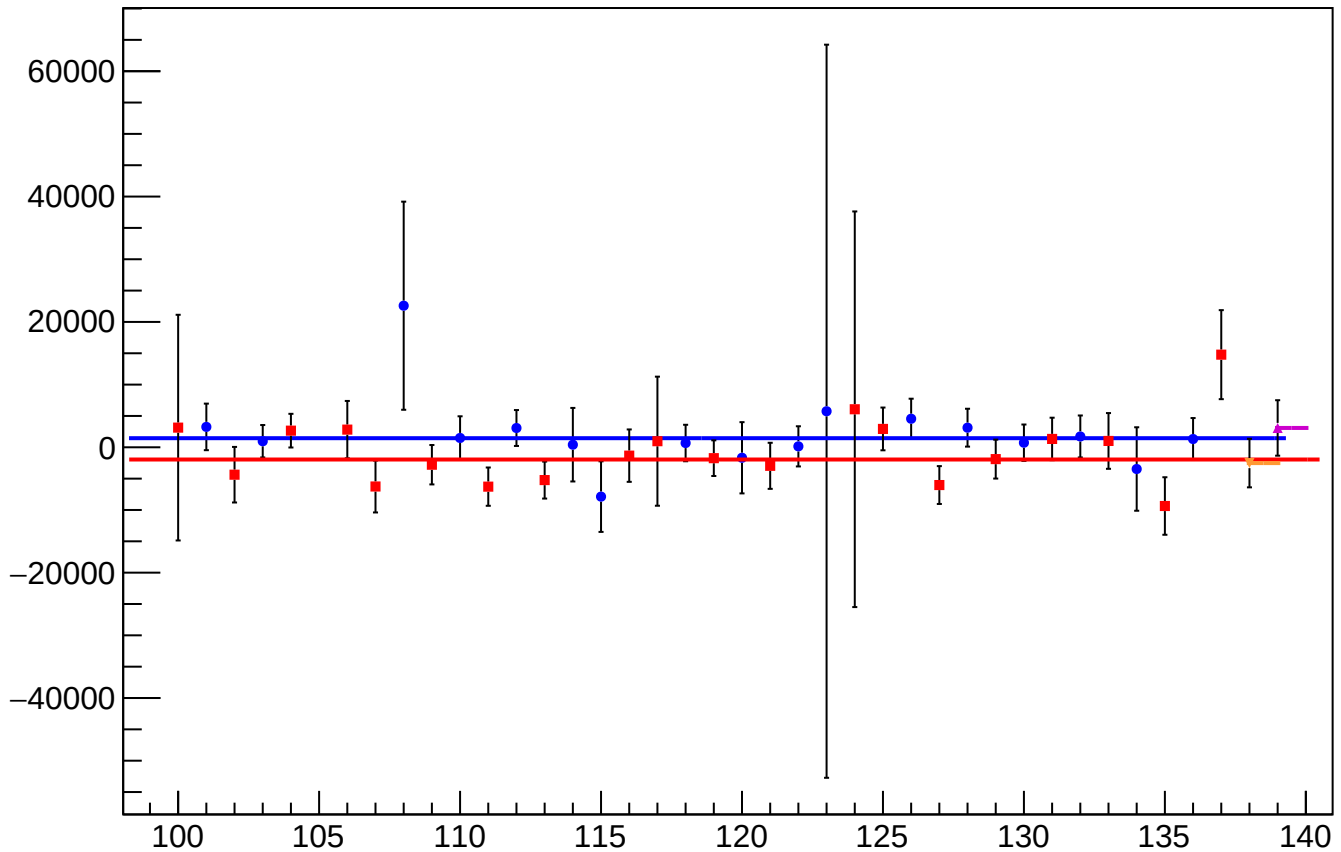
Right Out: 3038.742 $\pm$ 0.836 χ^2 /NDF: 1011336.0/19

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

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

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

dit_asym_atl2_mean vs Slug



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

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

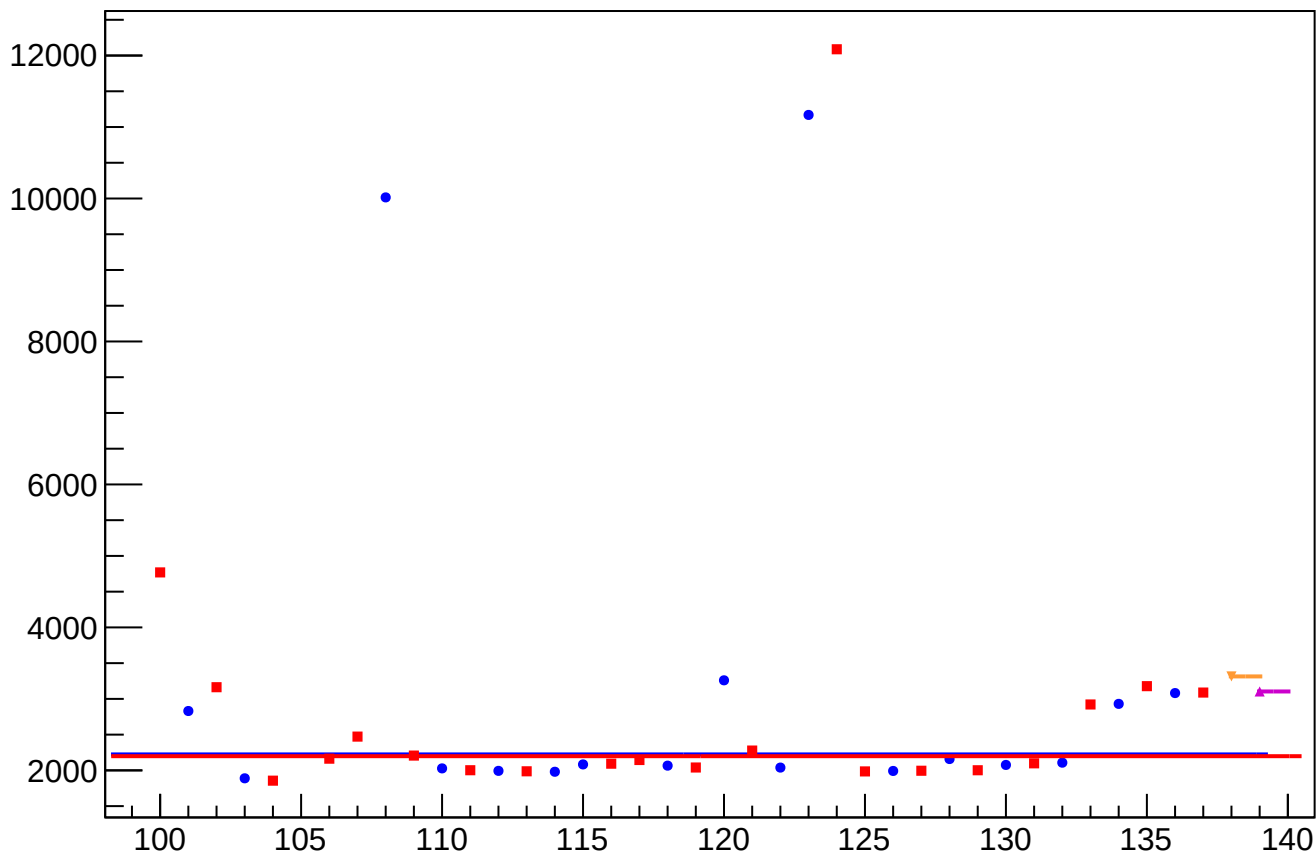
Right Out: -1949.252+/-847.604 χ^2/NDF : 22.5/19

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

1252.961+/-866.451 χ^2/NDF : 8.4/17

-1771.032+/-832.467 χ^2/NDF : 23.7/20

dit_asym_atl2_rms vs Slug



Right In: 2223.132+/-0.629 χ^2/NDF : 850289.4/16

Left Out: 3314.329+/-2.737 χ^2/NDF : 0.0/0

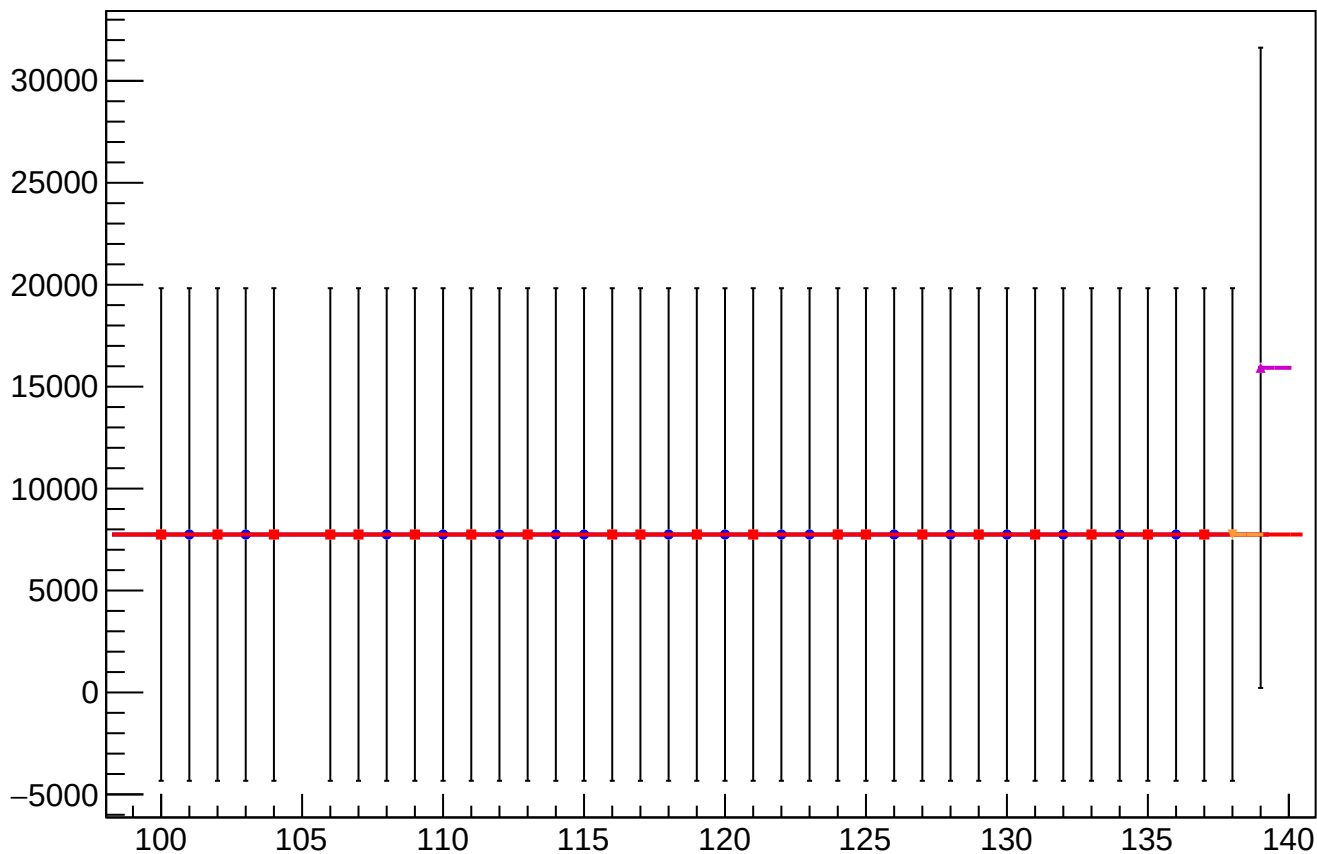
Right Out: 2198.396+/-0.599 χ^2/NDF : 602472.3/19

Left In: 3103.815+/-3.129 χ^2/NDF : 0.0/0

2277.803+/-0.613 χ^2/NDF : 1001257.5/17

2230.401+/-0.588 χ^2/NDF : 683259.7/20

asym_atl2_correction_mean vs Slug



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

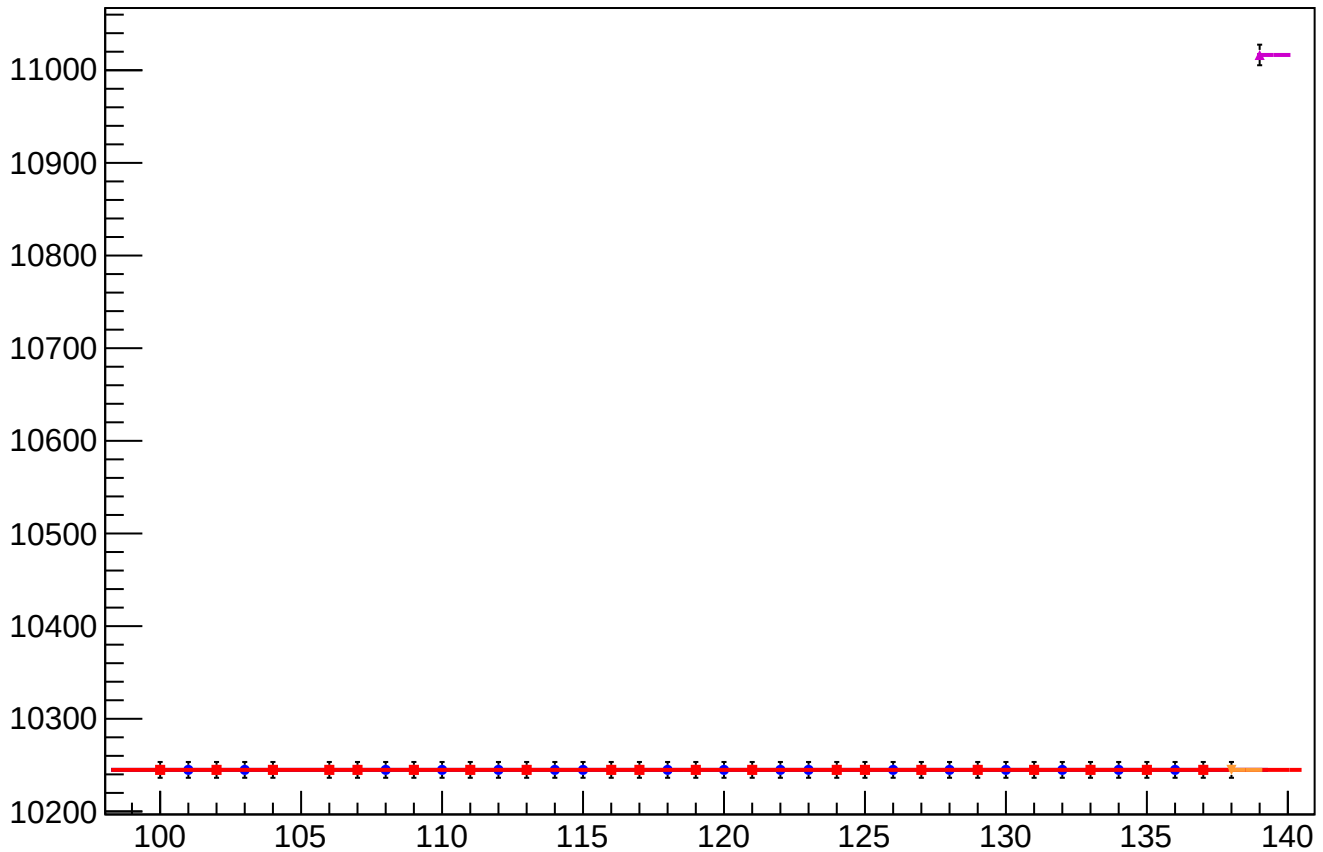
Right Out: 7747.732 $\pm$ 2701.366 χ^2 /NDF: 0.0/19

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

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

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

asym_atl2_correction_rms vs Slug



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

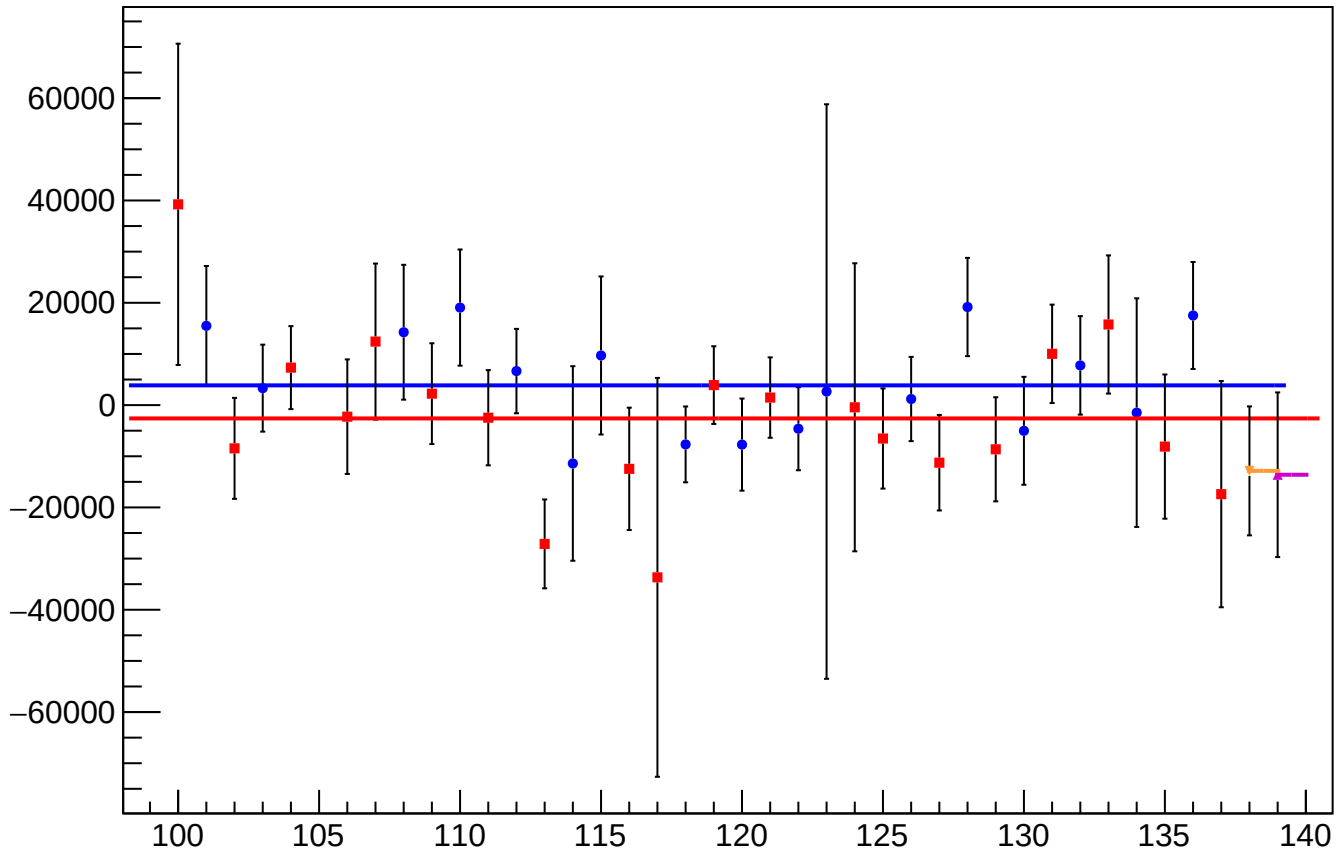
Right Out: 10244.850 $\pm$ 1.910 χ^2 /NDF: 0.0/19

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

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

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

asym_atl2_mean vs Slug



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

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

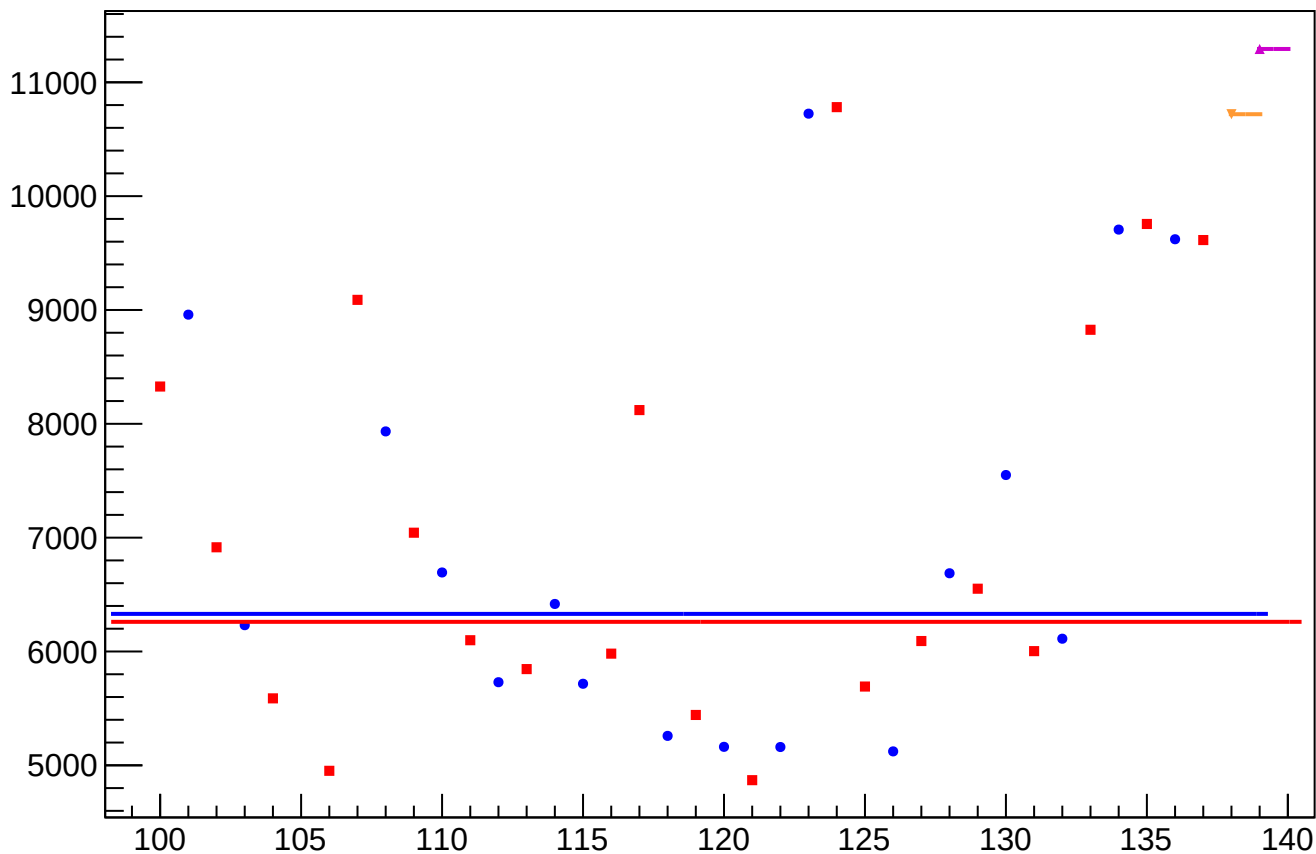
Right Out: -2602.758+/-2416.653 χ^2/NDF : 20.7/19

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

3222.586+/-2460.493 χ^2/NDF : 16.5/17

-2845.498+/-2389.861 χ^2/NDF : 21.1/20

asym_atl2_rms vs Slug



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

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

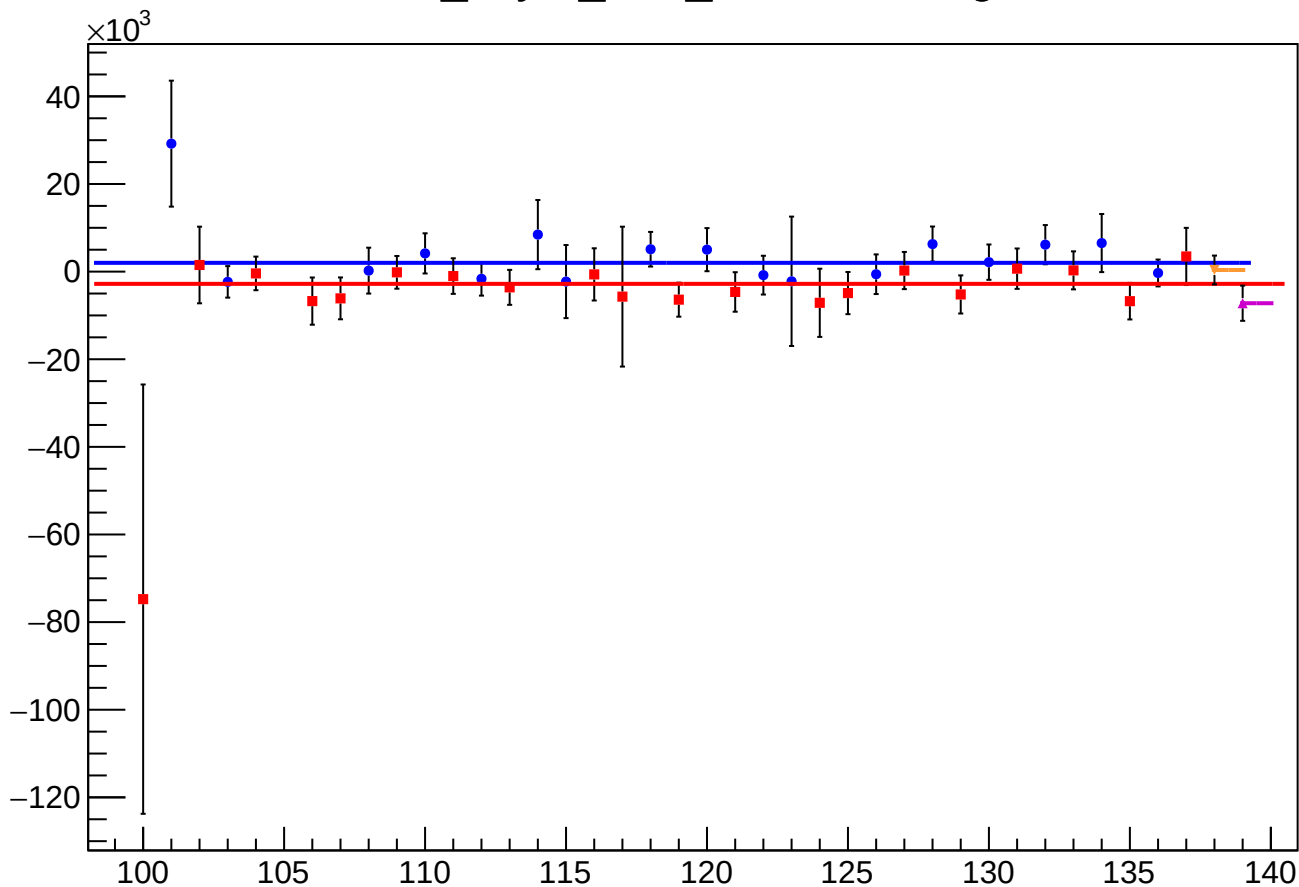
Right Out: 6260.505+/-1.709 χ^2/NDF : 539926.4/19

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

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

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

dit_asym_atr1_mean vs Slug



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

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

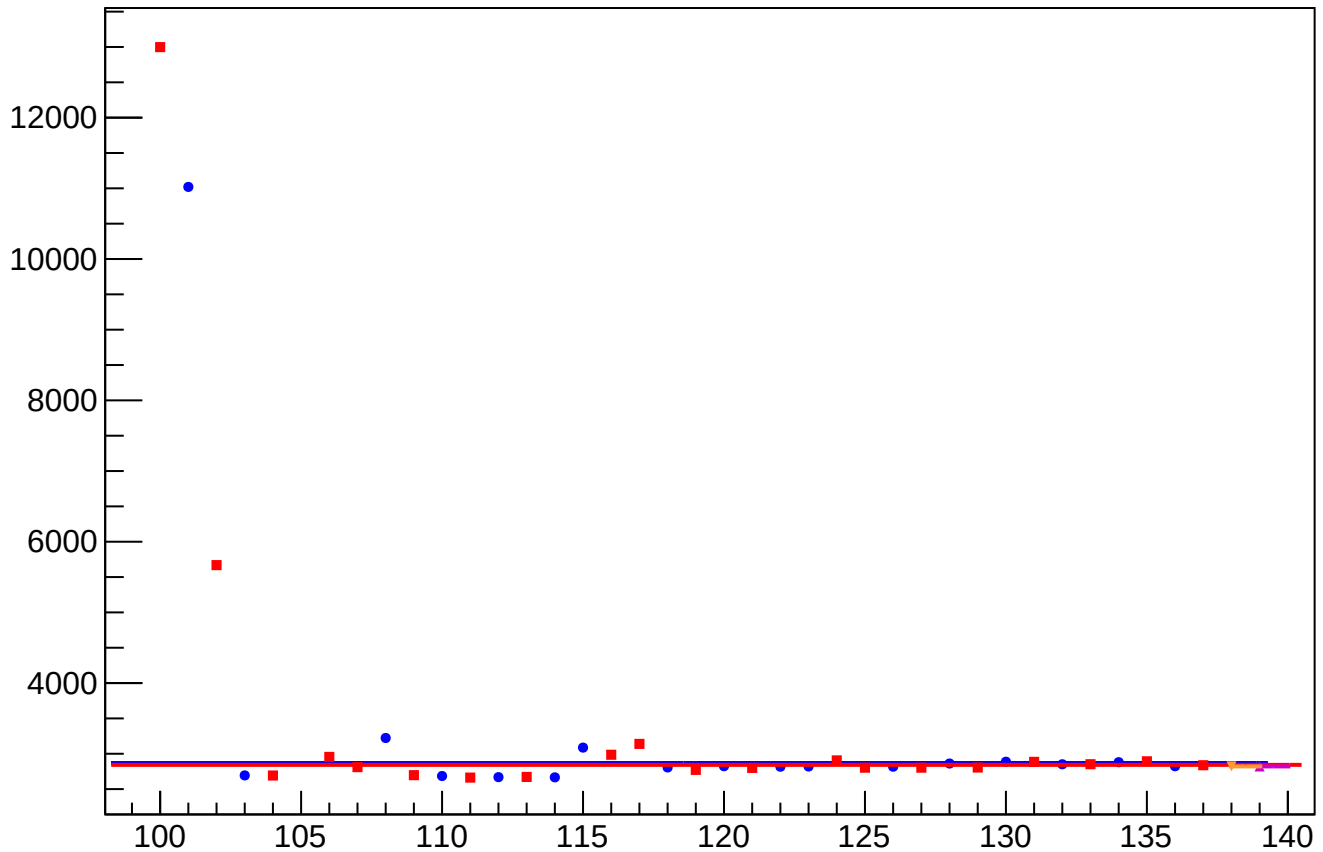
Right Out: -2794.497 ± 1083.659 χ^2/NDF : 9.9/19

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

1831.800 ± 1072.279 χ^2/NDF : 12.3/17

-3094.256 ± 1046.265 χ^2/NDF : 11.1/20

dit_asym_atr1_rms vs Slug



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

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

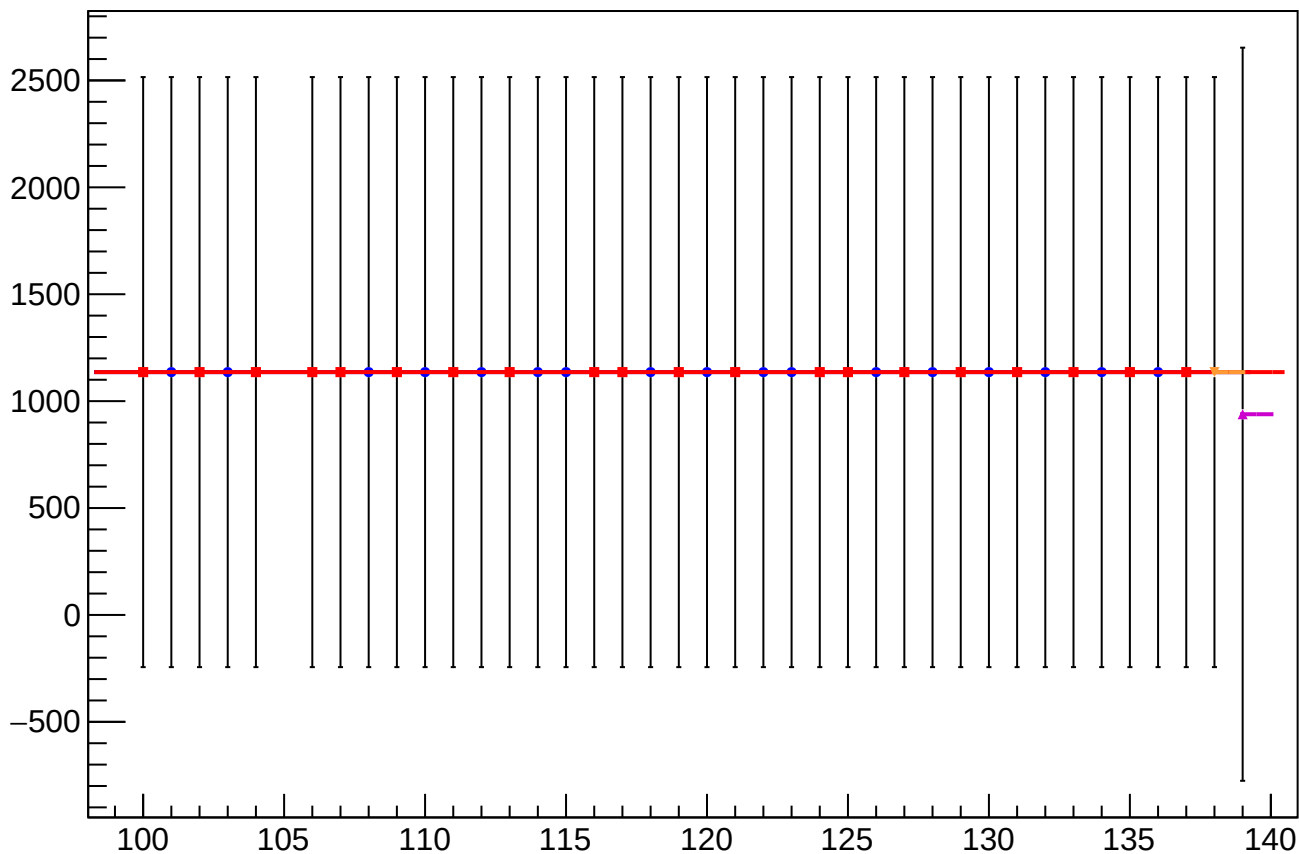
Right Out: 2842.934+/-0.766 χ^2/NDF : 313216.9/19

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

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

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

asym_atr1_correction_mean vs Slug



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

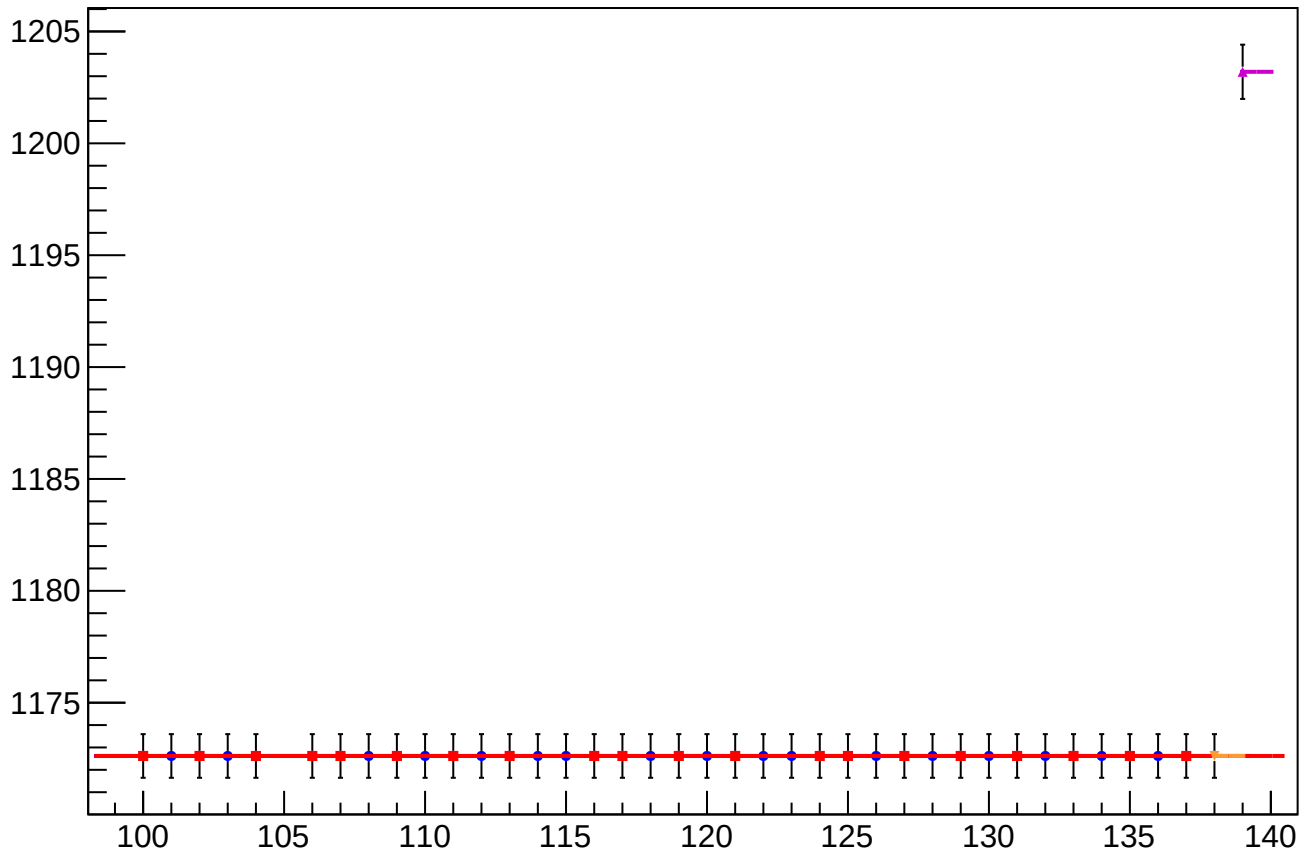
Right Out: 1135.803 $\pm$ 308.546 χ^2 /NDF: 0.0/19

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

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

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

asym_atr1_correction_rms vs Slug



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

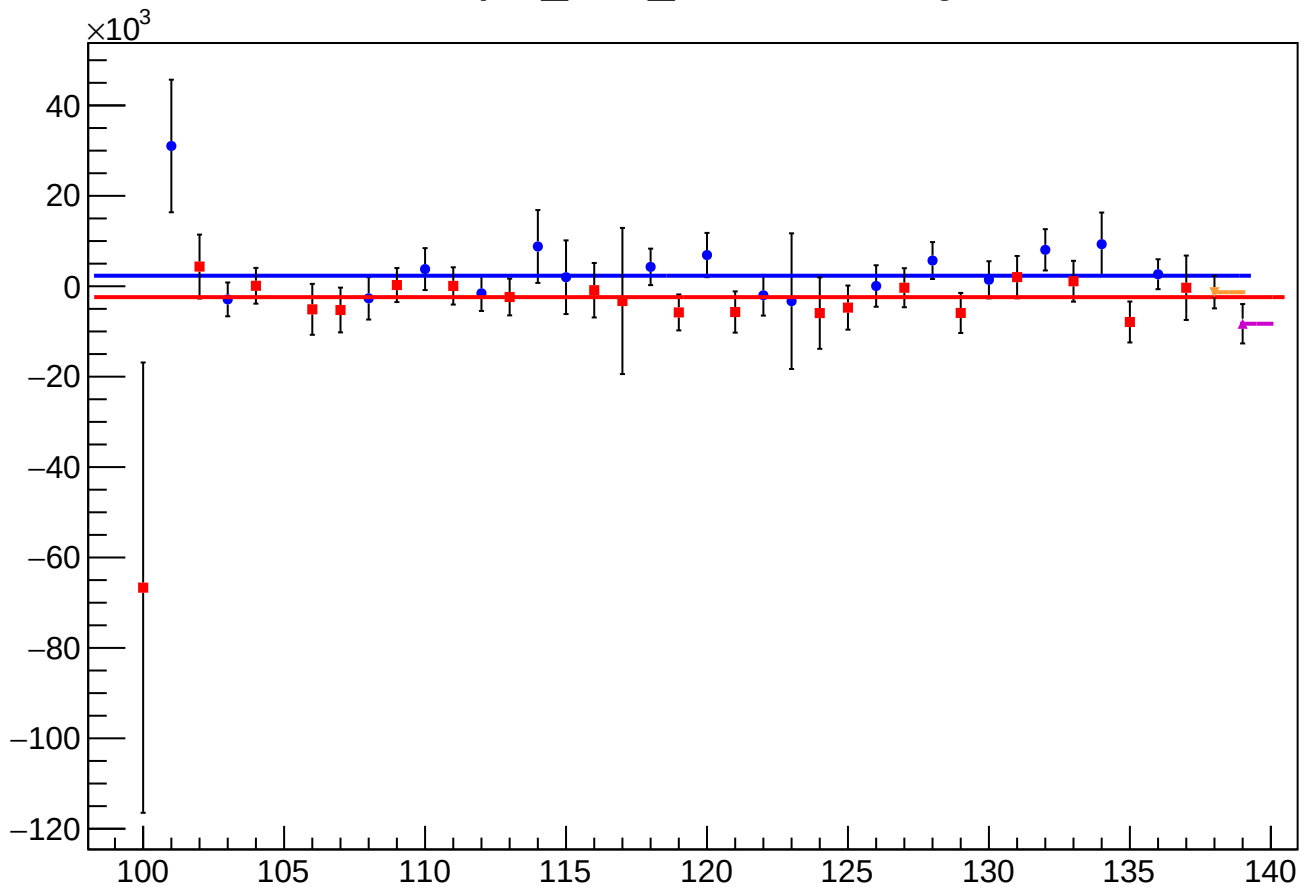
Right Out: 1172.619 $\pm$ 0.218 χ^2 /NDF: 0.0/19

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

1172.619 $\pm$ 0.230 χ^2 /NDF: 0.0/17

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

asym_atr1_mean vs Slug



Right In: 2330.134 $\pm$ 1156.555 χ^2/NDF : 14.4/16

Left Out: -1316.923 $\pm$ 3578.303 χ^2/NDF : 0.0/0

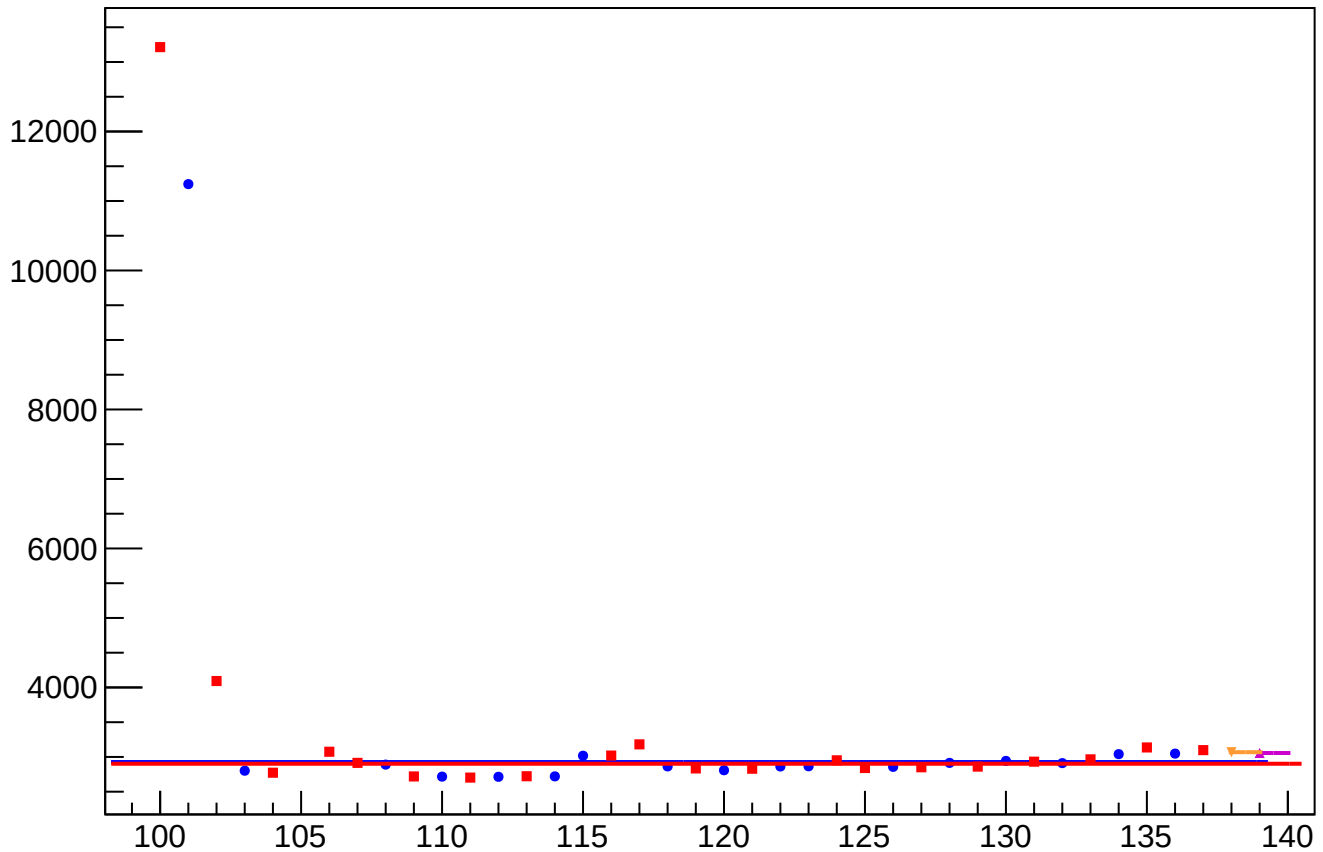
1985.174 $\pm$ 1100.499 χ^2/NDF : 15.3/17

Right Out: -2407.761 $\pm$ 1107.485 χ^2/NDF : 10.1/19

-2765.326 $\pm$ 1073.310 χ^2/NDF : 11.8/20

Left In: -8292.167 $\pm$ 4354.102 χ^2/NDF : 0.0/0

asym_atr1_rms vs Slug



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

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

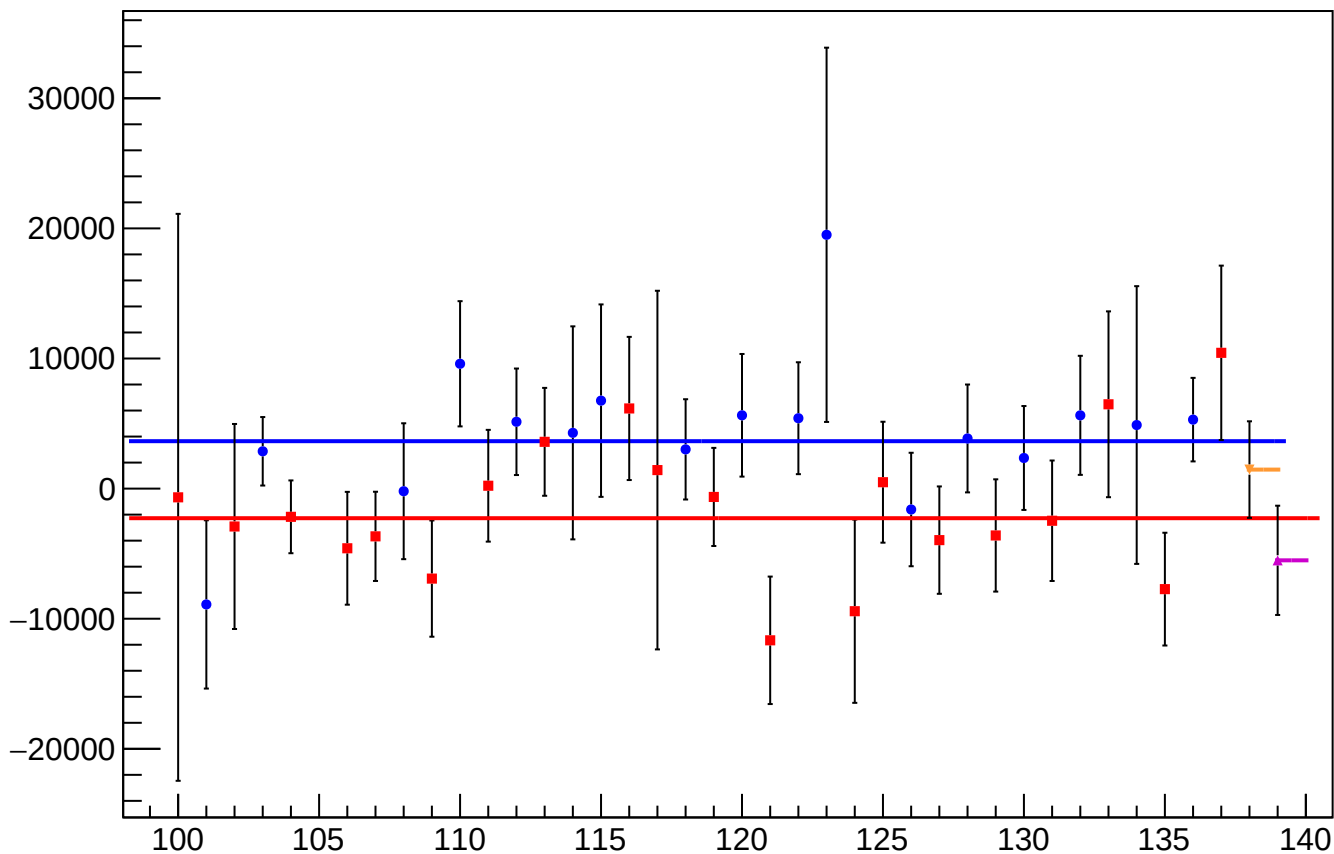
Right Out: 2902.143+/-0.783 χ^2/NDF : 170465.3/19

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

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

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

dit_asym_atr2_mean vs Slug



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

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

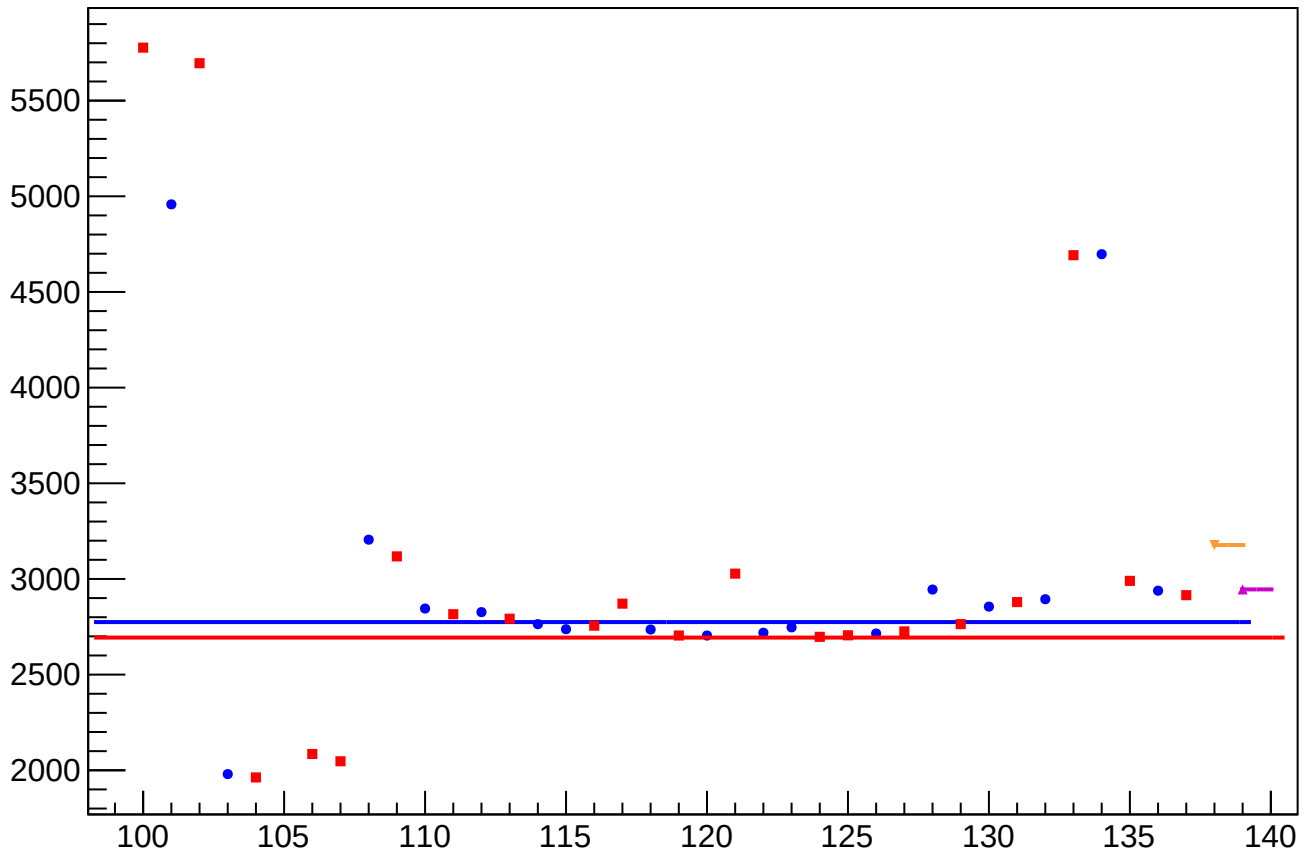
Right Out: -2274.510+/-1043.858 χ^2/NDF : 18.5/19

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

3471.441+/-1047.150 χ^2/NDF : 10.2/17

-2462.980+/-1013.026 χ^2/NDF : 19.1/20

dit_asym_atr2_rms vs Slug



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

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

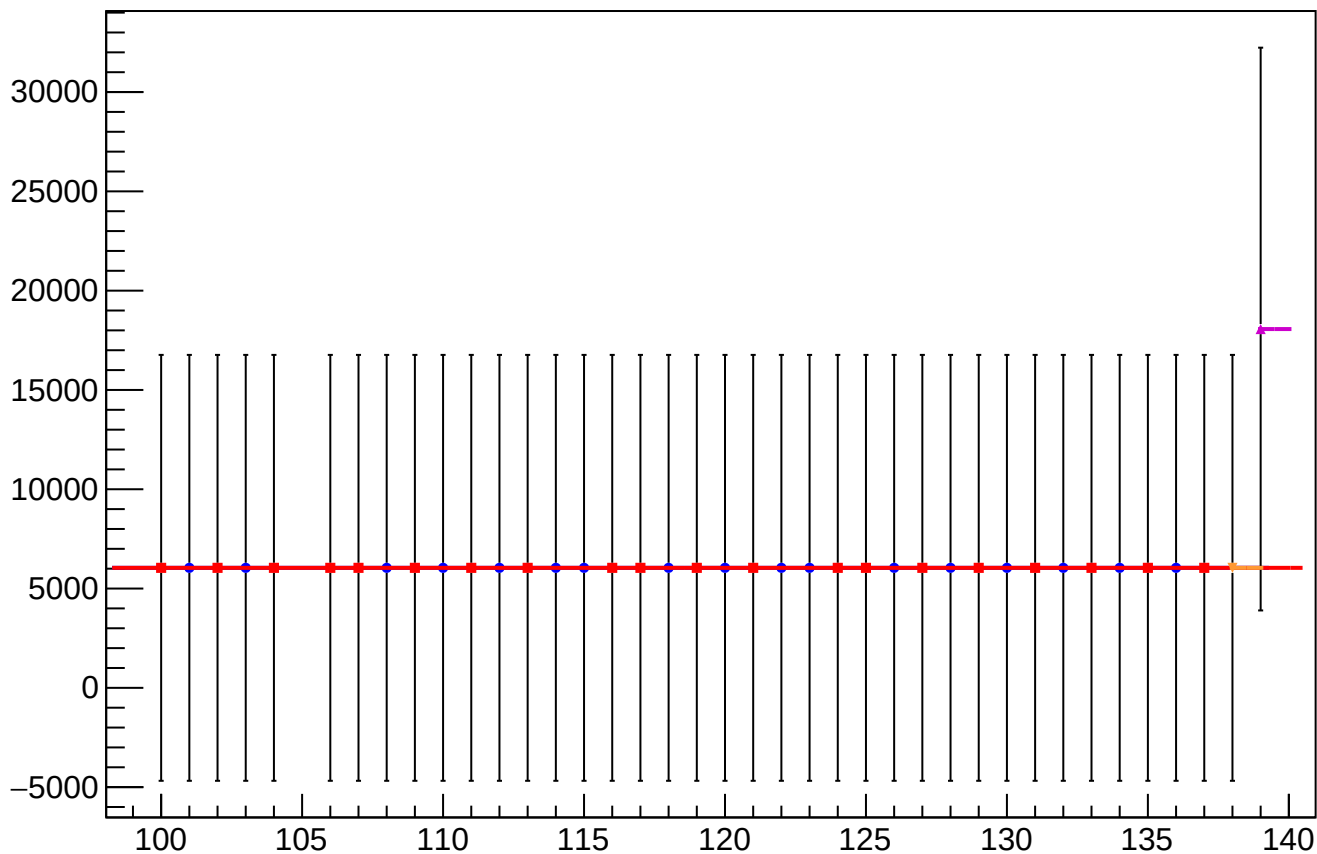
Right Out: 2693.533+/-0.738 χ^2/NDF : 780600.8/19

Left In: 2945.336+/-2.969 χ^2/NDF : 0.0/0

2806.658+/-0.740 χ^2/NDF : 523334.4/17

2708.179+/-0.716 χ^2/NDF : 787374.2/20

asym_atr2_correction_mean vs Slug



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

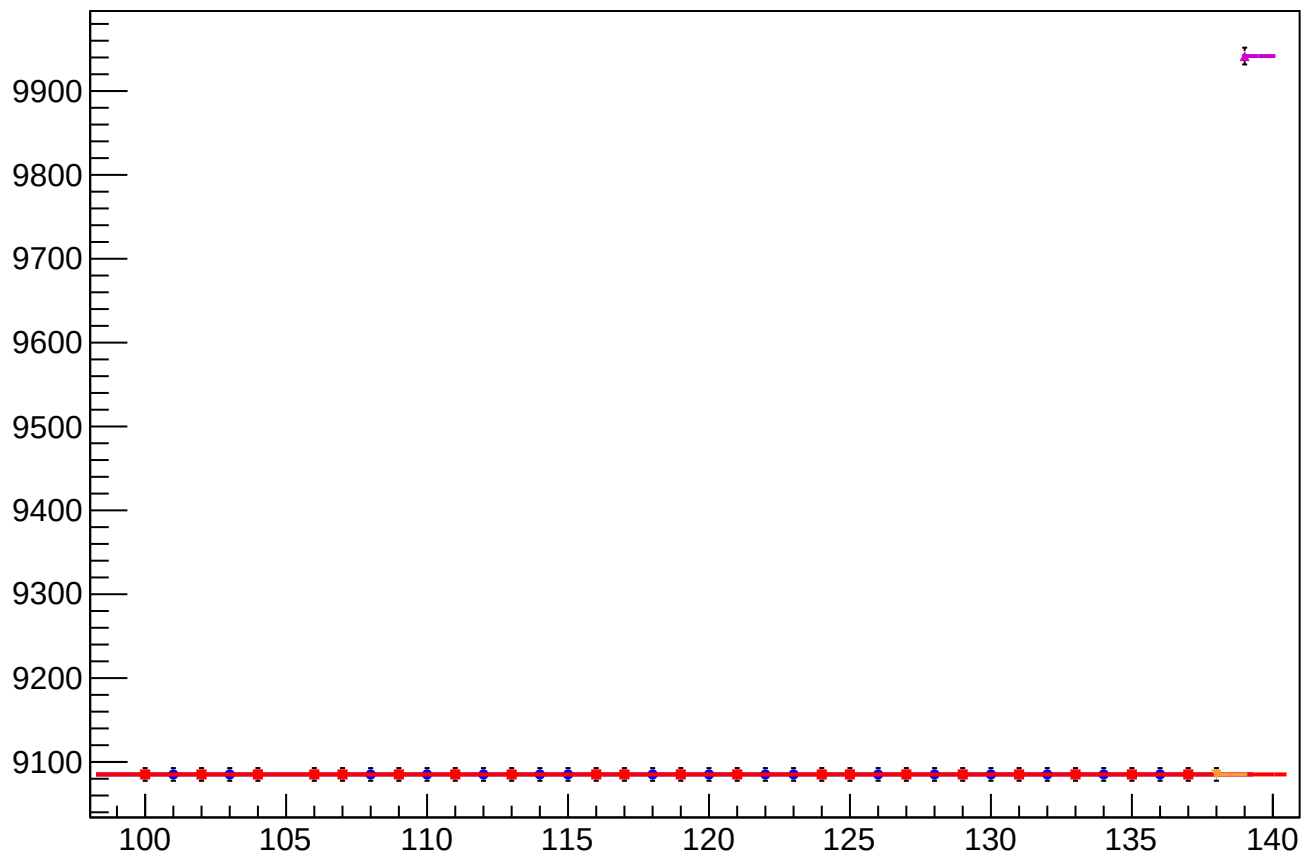
Right Out: 6042.364 $\pm$ 2397.729 χ^2 /NDF: 0.0/19

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

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

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

asym_atr2_correction_rms vs Slug



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

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

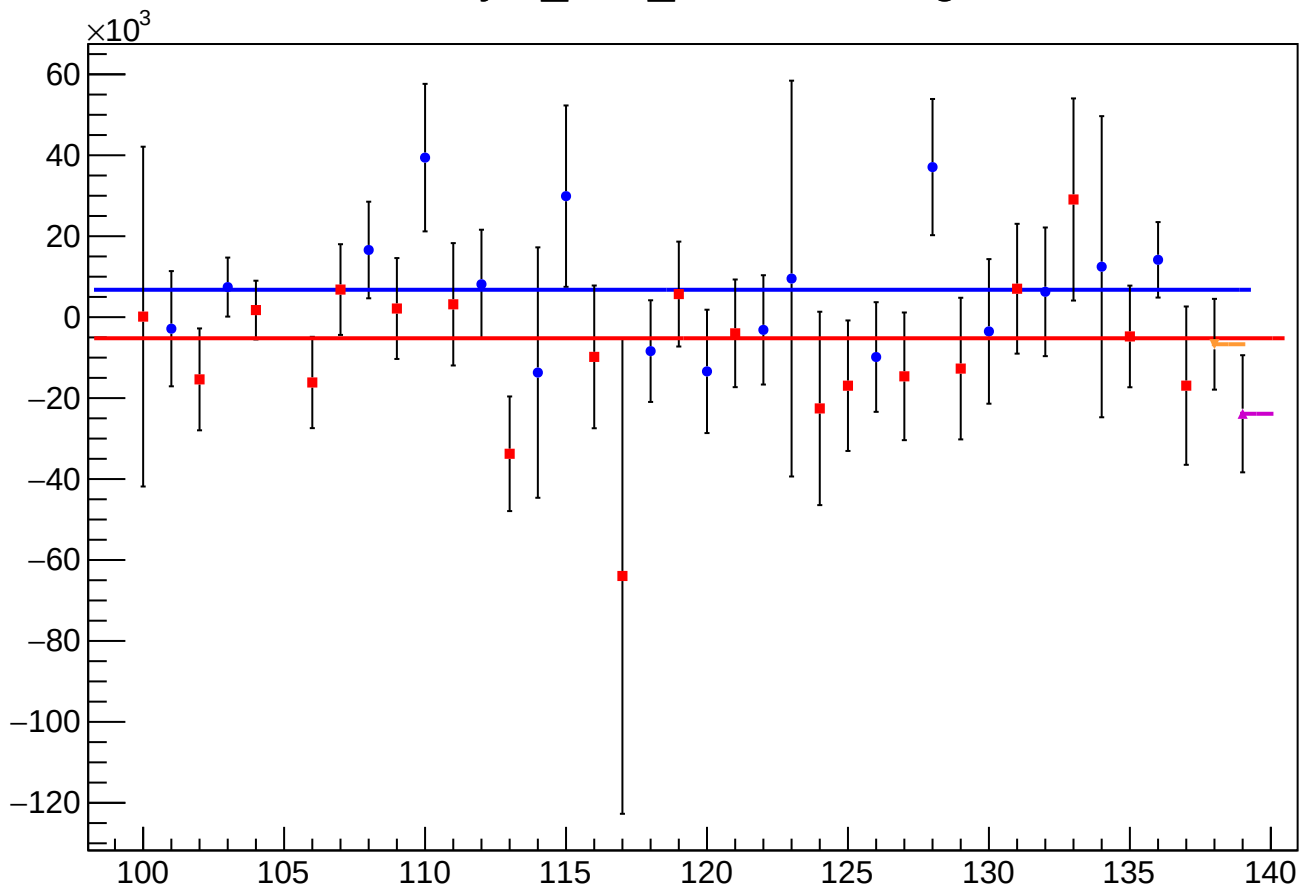
Right Out: 9085.129+/-1.695 χ^2/NDF : 0.0/19

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

9085.129+/-1.787 χ^2/NDF : 0.0/17

9108.975+/-1.672 χ^2/NDF : 7105.4/20

asym_atr2_mean vs Slug



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

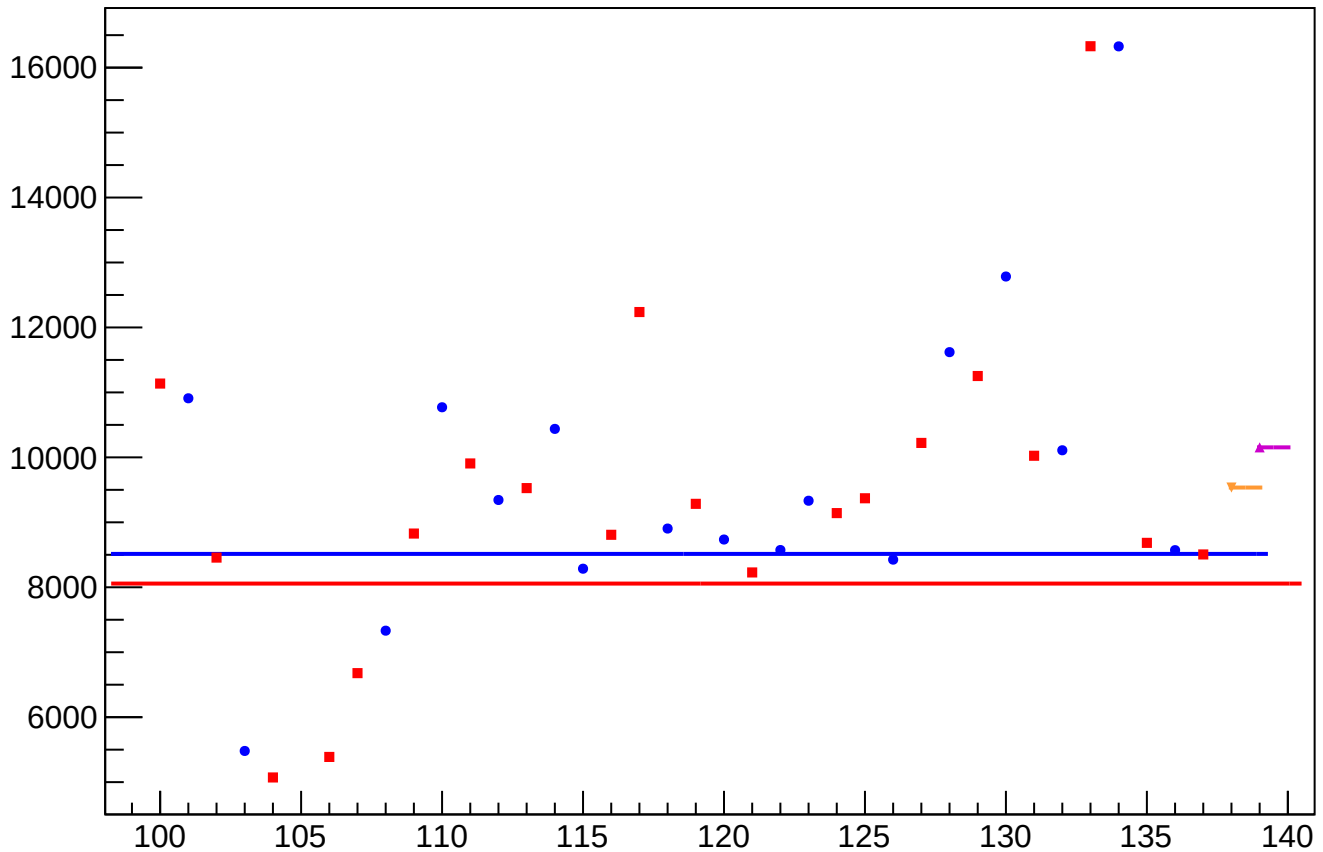
Right Out: -5212.142 $\pm$ 3163.023 χ^2 /NDF: 14.6/19

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

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

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

asym_atr2_rms vs Slug



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

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

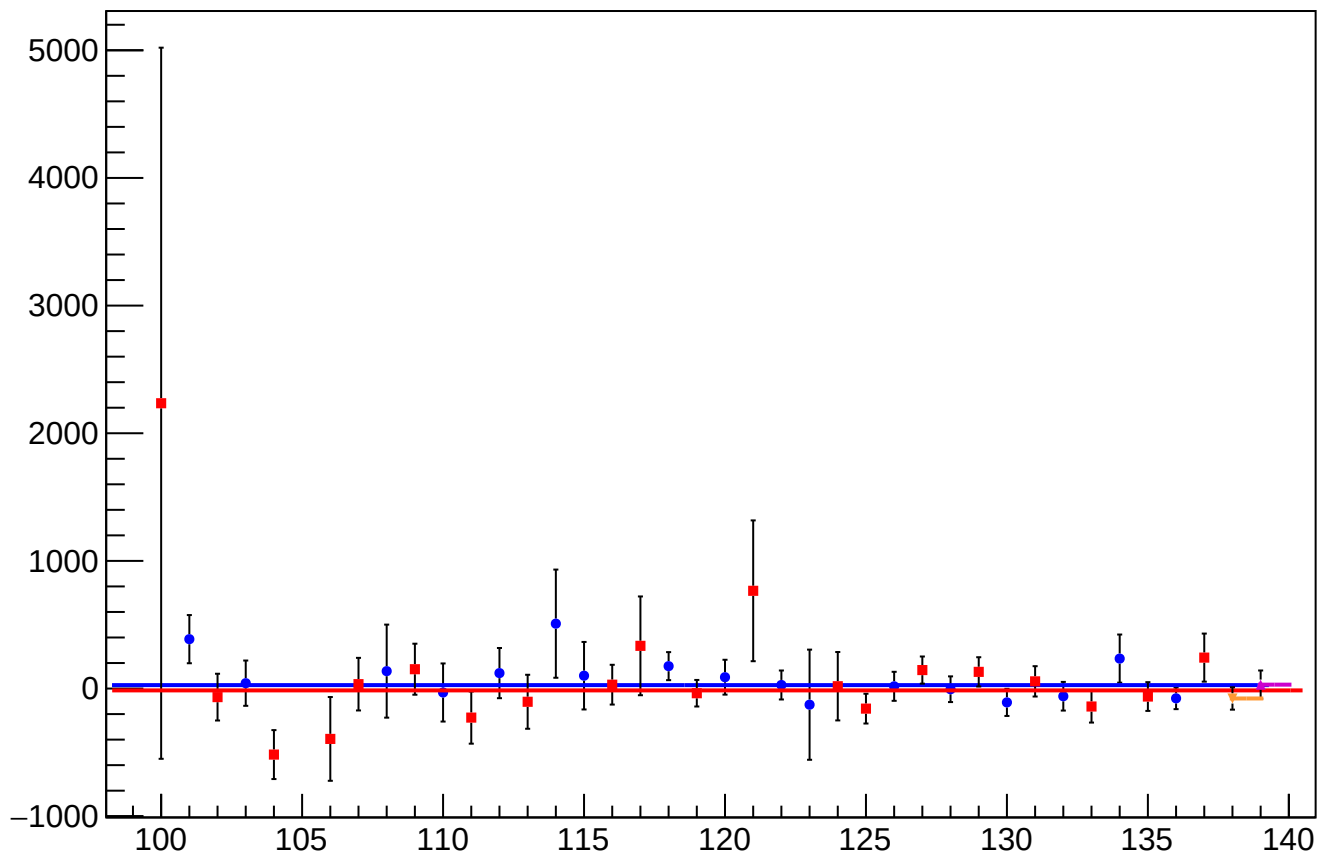
Right Out: 8056.887+/-2.237 χ^2/NDF : 962463.7/19

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

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

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

dit_asym_sam1_mean vs Slug



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

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

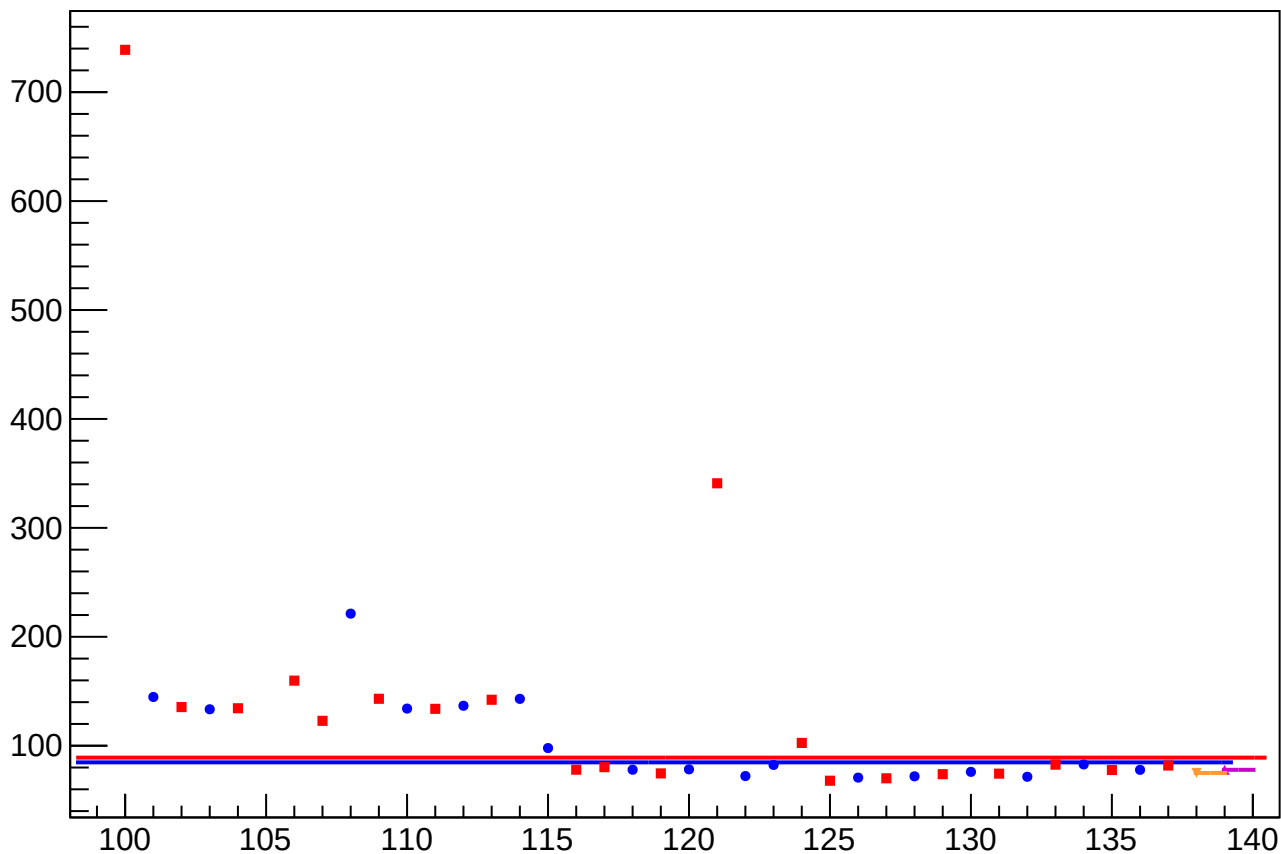
Right Out: -14.422+/-35.398 χ^2/NDF : 22.7/19

Left In: 30.550+/-110.954 χ^2/NDF : 0.0/0

13.188+/-31.715 χ^2/NDF : 13.8/17

-10.267+/-33.724 χ^2/NDF : 22.8/20

dit_asym_sam1_rms vs Slug



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

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

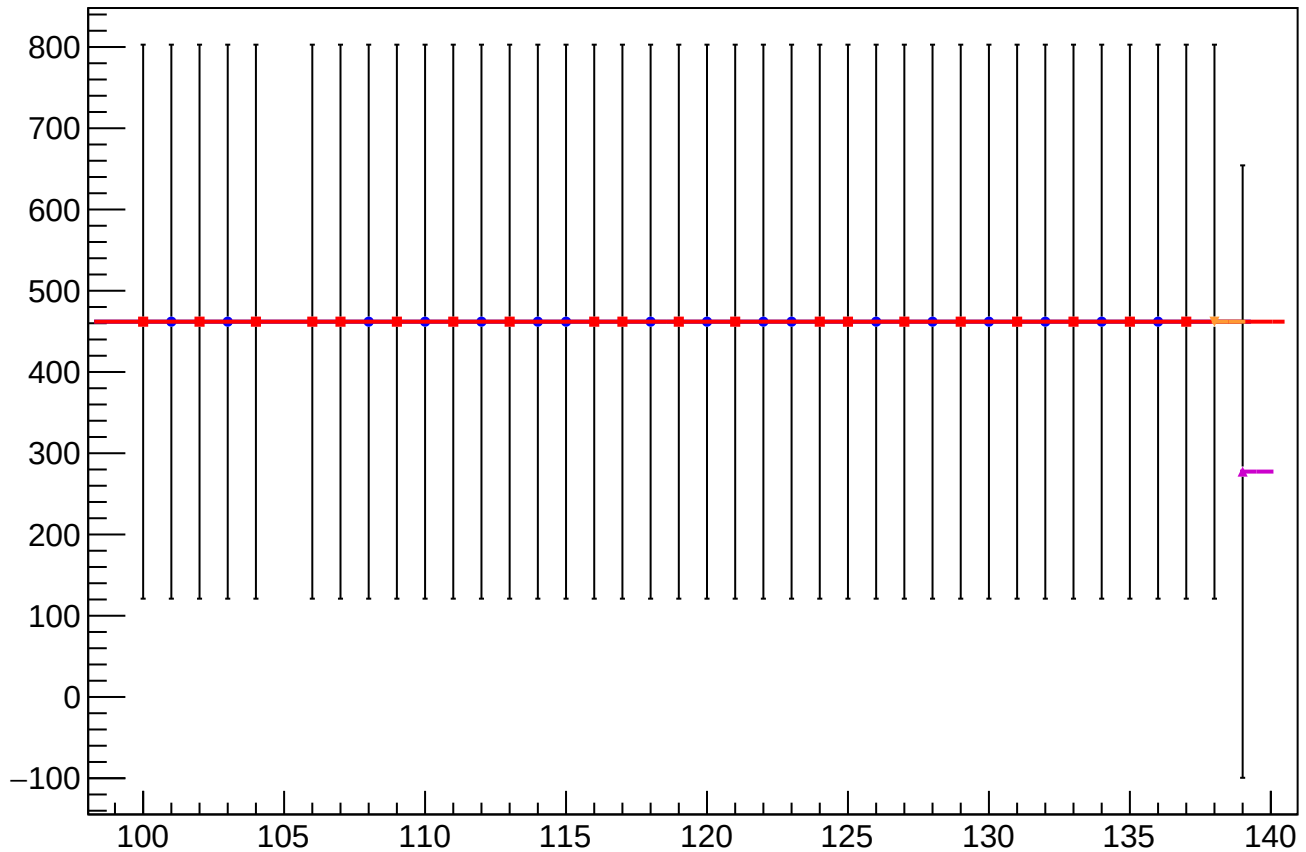
Right Out: 89.069+/-0.025 χ^2/NDF : 1560299.8/19

Left In: 77.894+/-0.078 χ^2/NDF : 0.0/0

83.460+/-0.022 χ^2/NDF : 1085850.5/17

88.037+/-0.024 χ^2/NDF : 1578715.6/20

asym_sam1_correction_mean vs Slug



Right In: 461.935 $\pm$ 82.689 χ^2 /NDF: 0.0/16

Left Out: 461.935 $\pm$ 340.937 χ^2 /NDF: 0.0/0

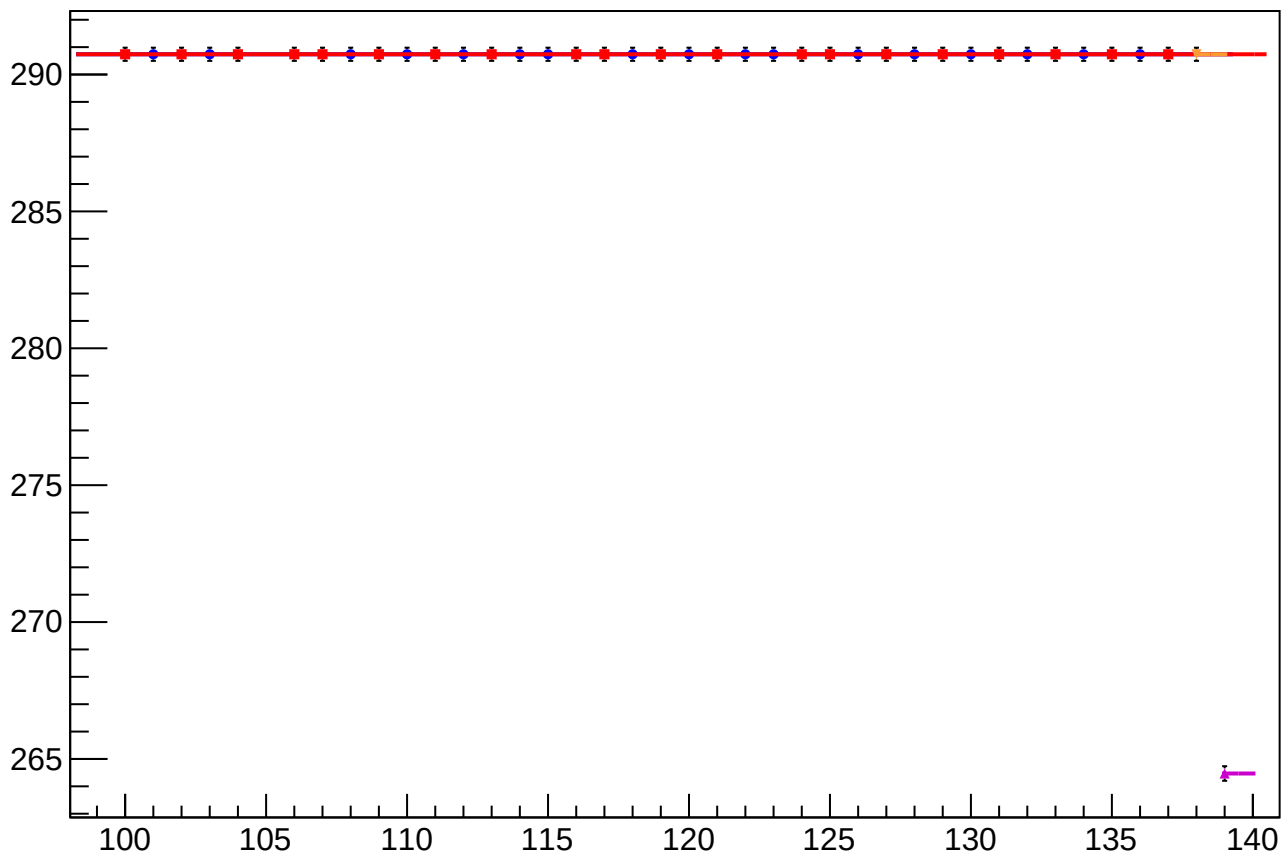
Right Out: 461.935 $\pm$ 76.236 χ^2 /NDF: 0.0/19

Left In: 277.420 $\pm$ 376.889 χ^2 /NDF: 0.0/0

461.935 $\pm$ 80.360 χ^2 /NDF: 0.0/17

454.682 $\pm$ 74.723 χ^2 /NDF: 0.2/20

asym_sam1_correction_rms vs Slug



Right In: 290.739+/-0.058 χ^2/NDF : 0.0/16

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

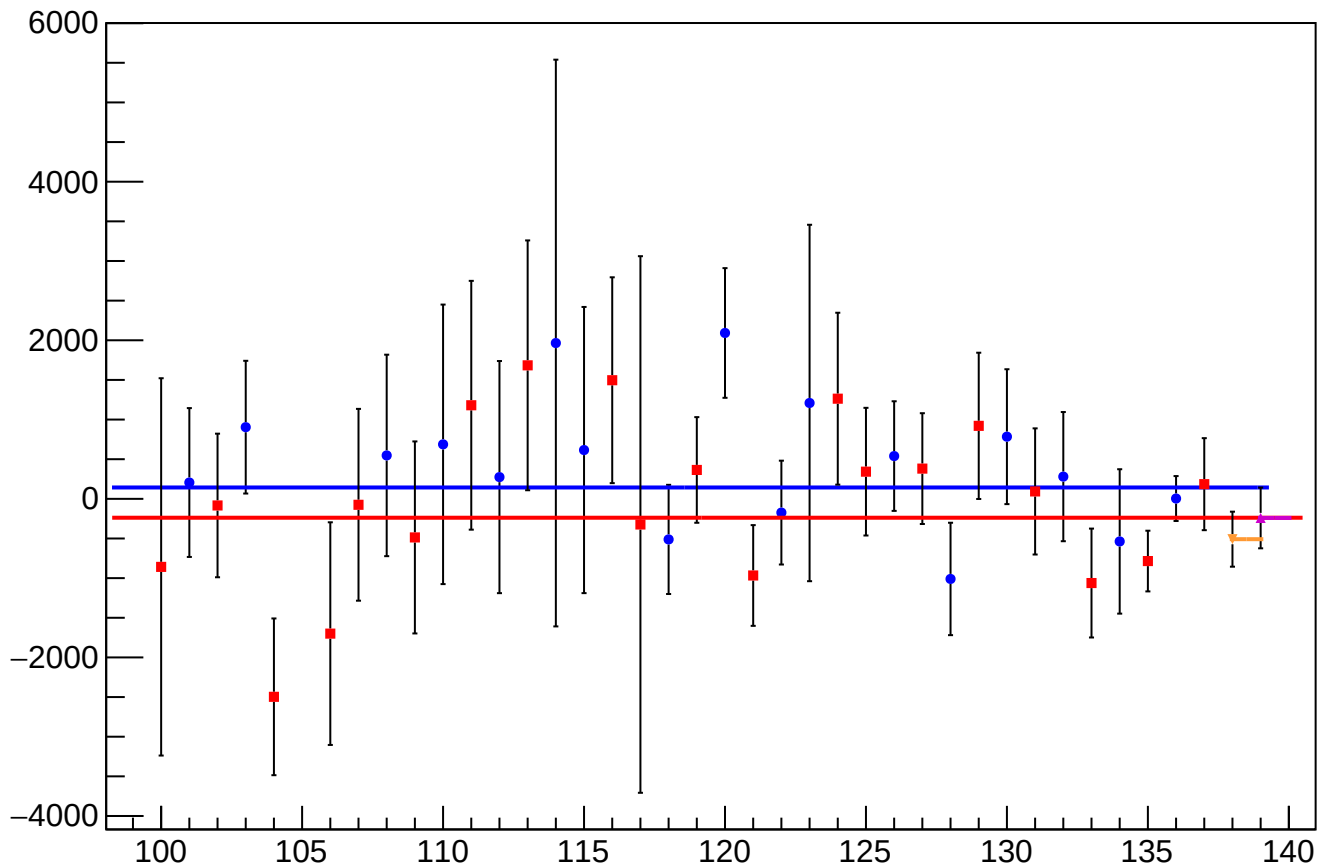
Right Out: 290.739+/-0.054 χ^2/NDF : 0.0/19

Left In: 264.469+/-0.267 χ^2/NDF : 0.0/0

290.739+/-0.057 χ^2/NDF : 0.0/17

289.707+/-0.053 χ^2/NDF : 9335.4/20

asym_sam1_mean vs Slug



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

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

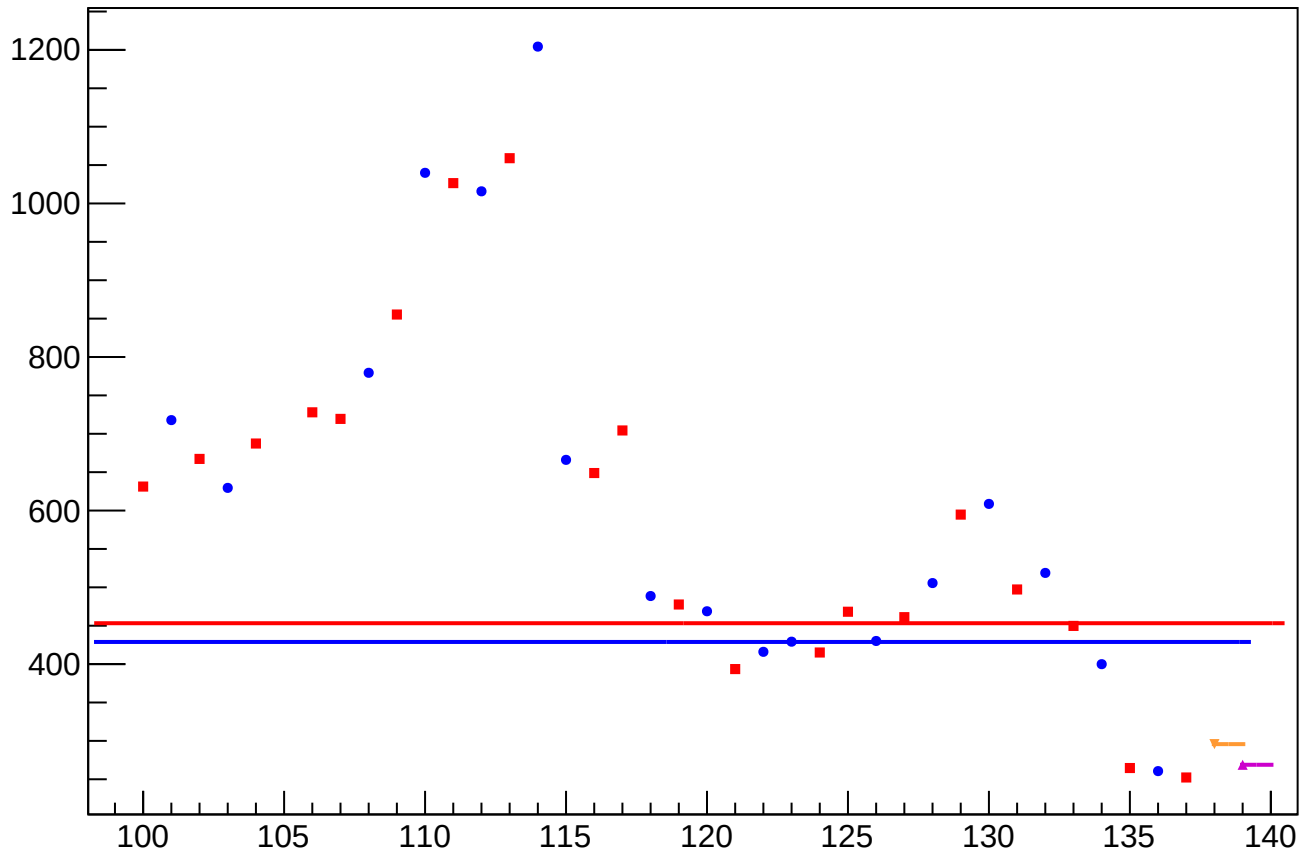
Right Out: -238.073 $\pm$ 183.724 χ^2 /NDF: 21.7/19

Left In: -240.778 $\pm$ 383.203 χ^2 /NDF: 0.0/0

6.081 $\pm$ 159.241 χ^2 /NDF: 15.6/17

-238.579 $\pm$ 165.667 χ^2 /NDF: 21.7/20

asym_sam1_rms vs Slug



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

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

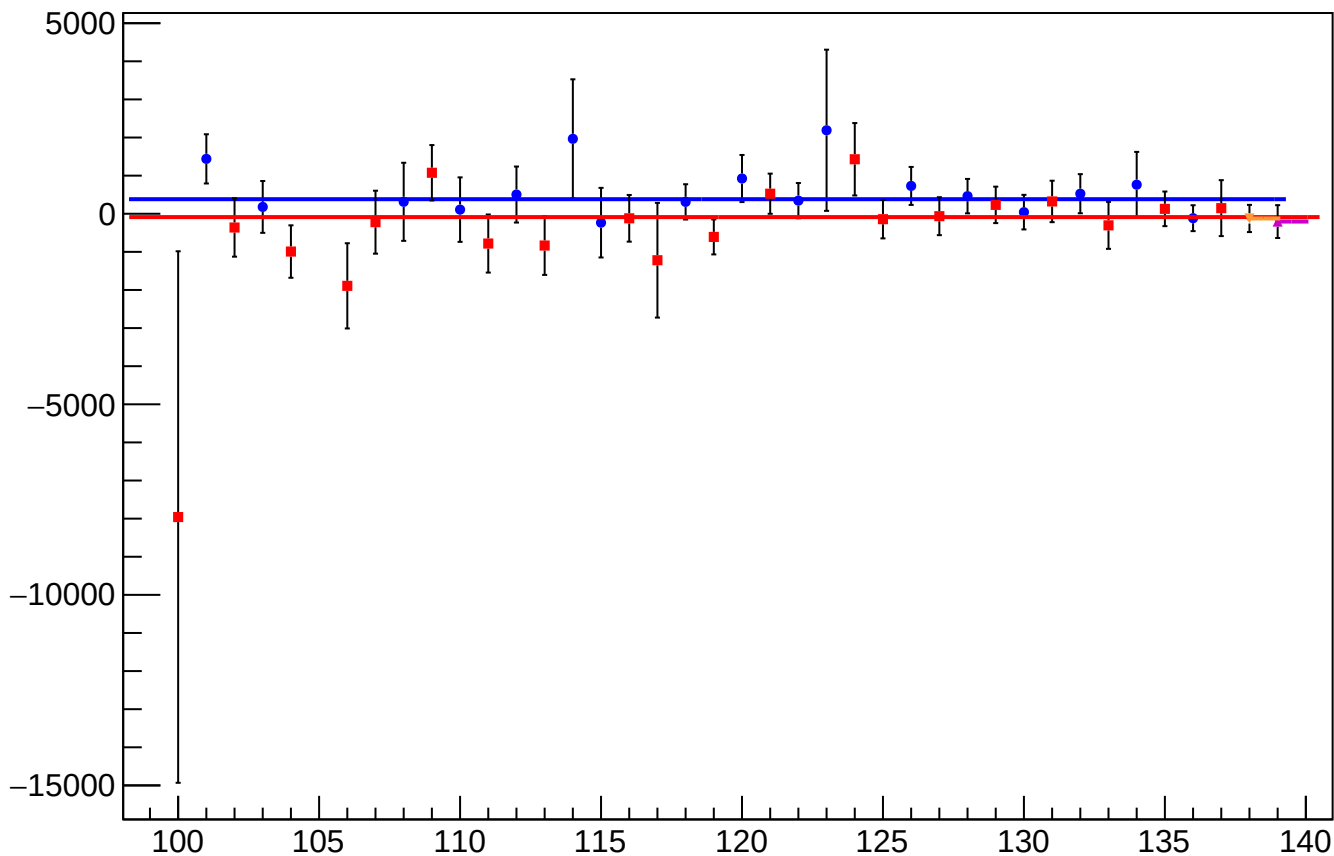
Right Out: 453.260+/-0.130 χ^2/NDF : 2050280.3/19

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

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

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

dit_asym_sam2_mean vs Slug



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

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

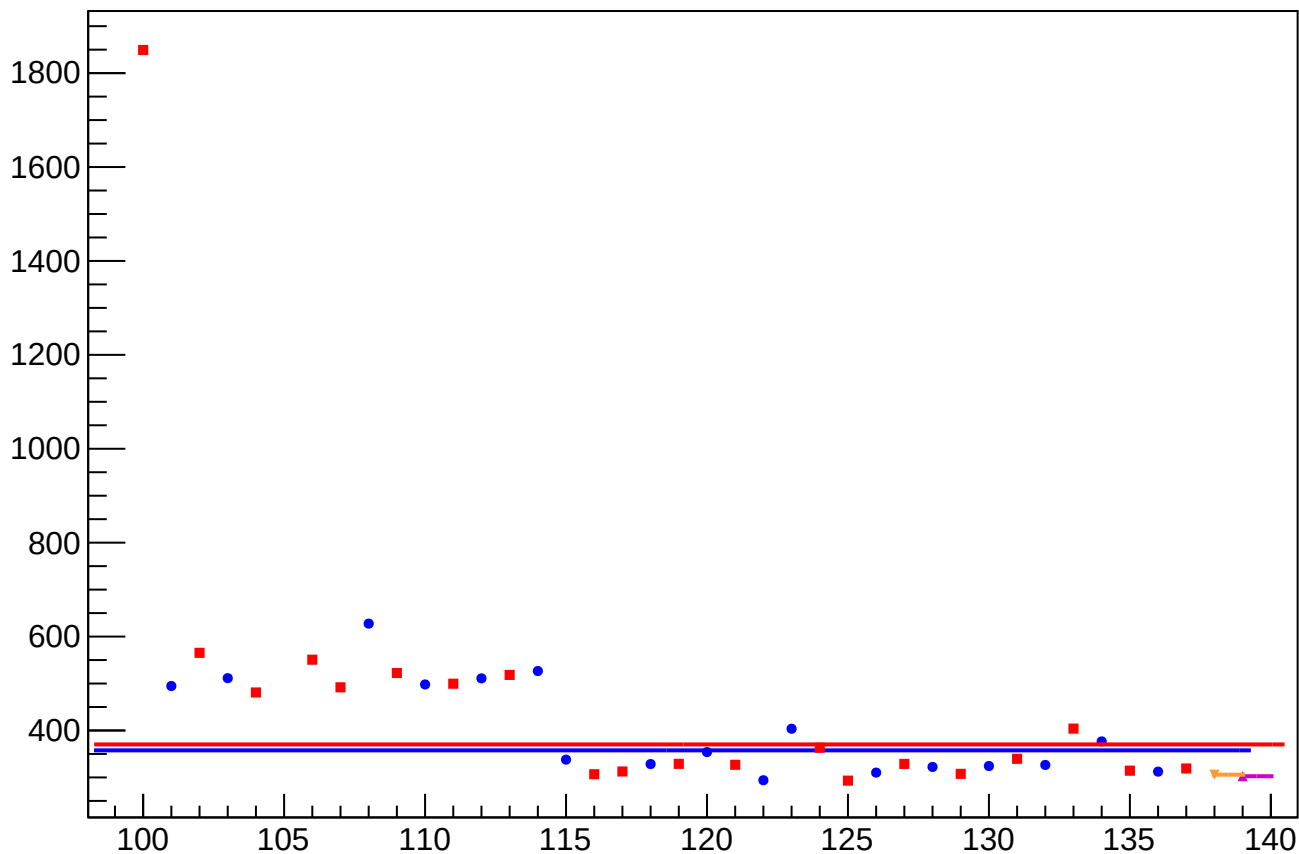
Right Out: -87.772+/-142.821 χ^2/NDF : 17.3/19

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

313.486+/-131.295 χ^2/NDF : 11.2/17

-99.409+/-135.573 χ^2/NDF : 17.4/20

dit_asym_sam2_rms vs Slug



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

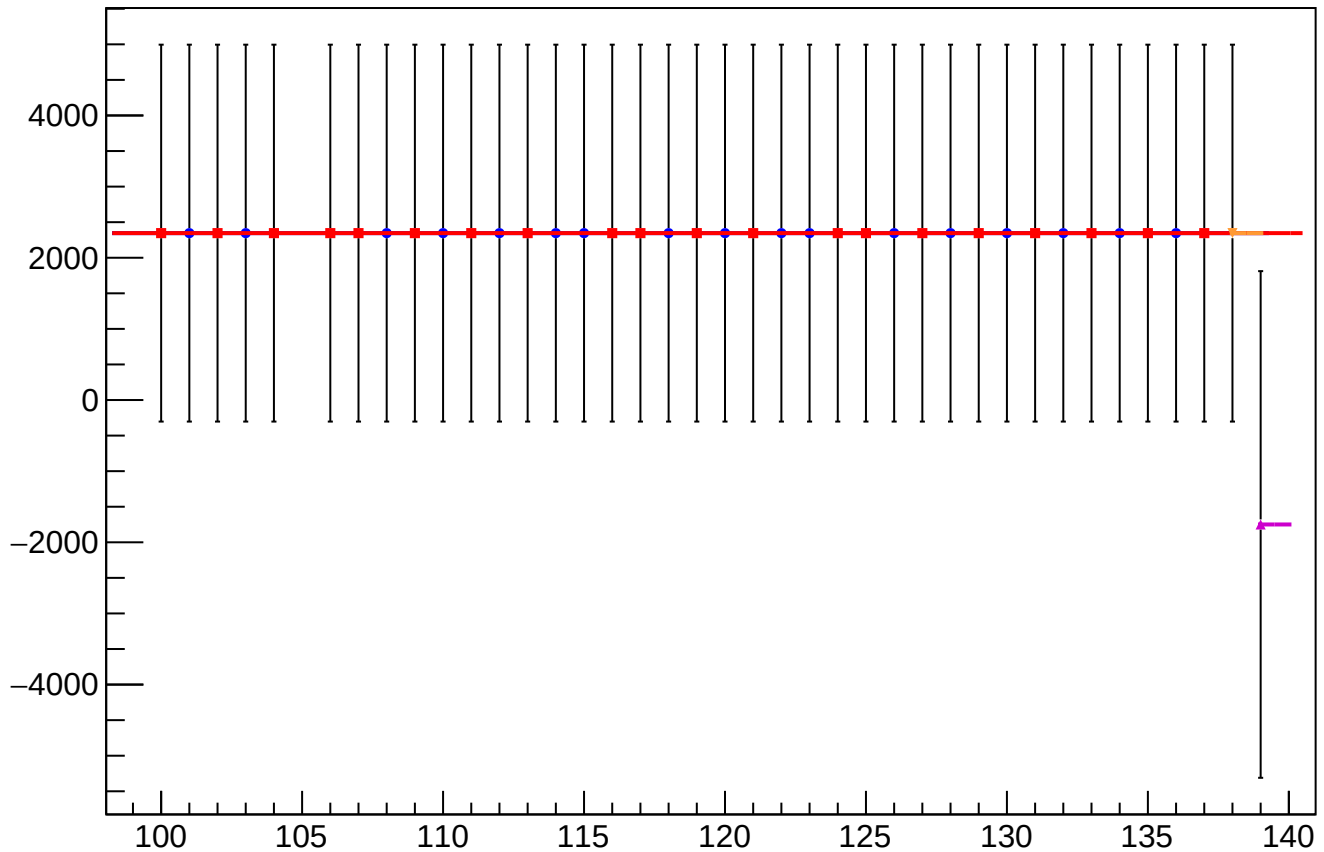
Right Out: 370.270 $\pm$ 0.101 χ^2 /NDF: 787745.4/19

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

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

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

asym_sam2_correction_mean vs Slug



Right In: 2346.140+/-642.506 χ^2/NDF : 0.0/16

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

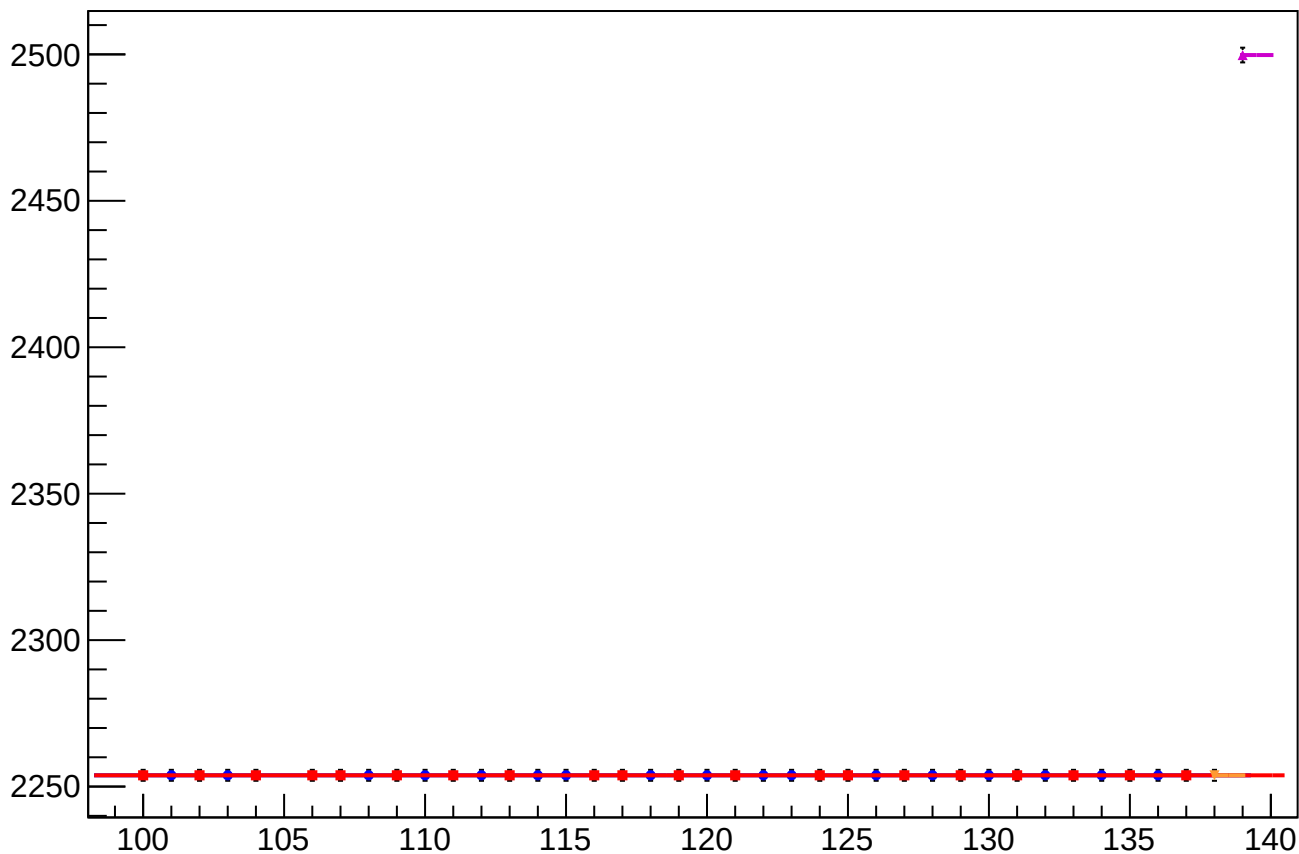
Right Out: 2346.140+/-592.361 χ^2/NDF : 0.0/19

Left In: -1749.353+/-3561.099 χ^2/NDF : 0.0/0

2346.140+/-624.404 χ^2/NDF : 0.0/17

2235.870+/-584.332 χ^2/NDF : 1.3/20

asym_sam2_correction_rms vs Slug



Right In: 2253.842+/-0.454 χ^2/NDF : 0.0/16

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

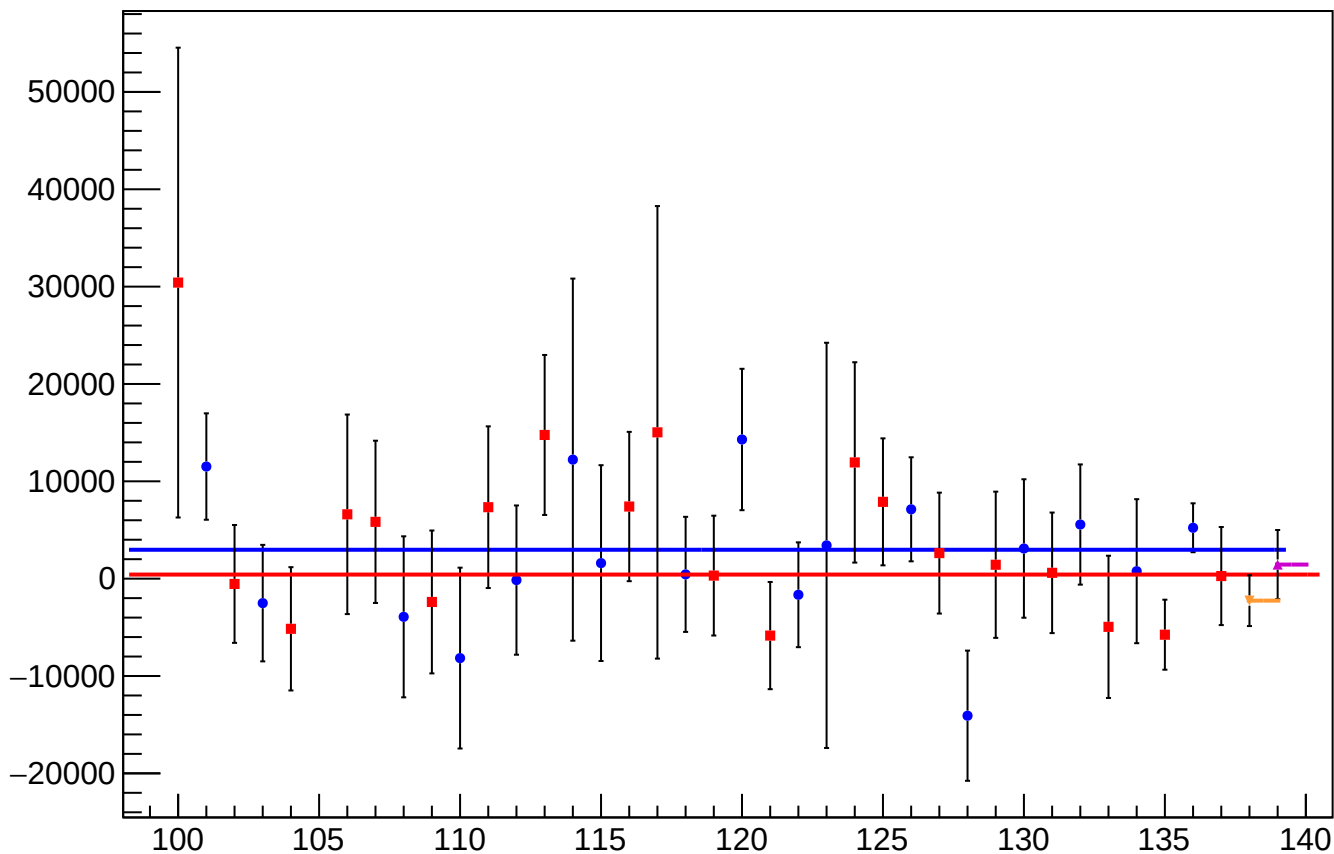
Right Out: 2253.842+/-0.419 χ^2/NDF : 0.0/19

Left In: 2499.774+/-2.518 χ^2/NDF : 0.0/0

2253.842+/-0.442 χ^2/NDF : 0.0/17

2260.464+/-0.413 χ^2/NDF : 9281.9/20

asym_sam2_mean vs Slug



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

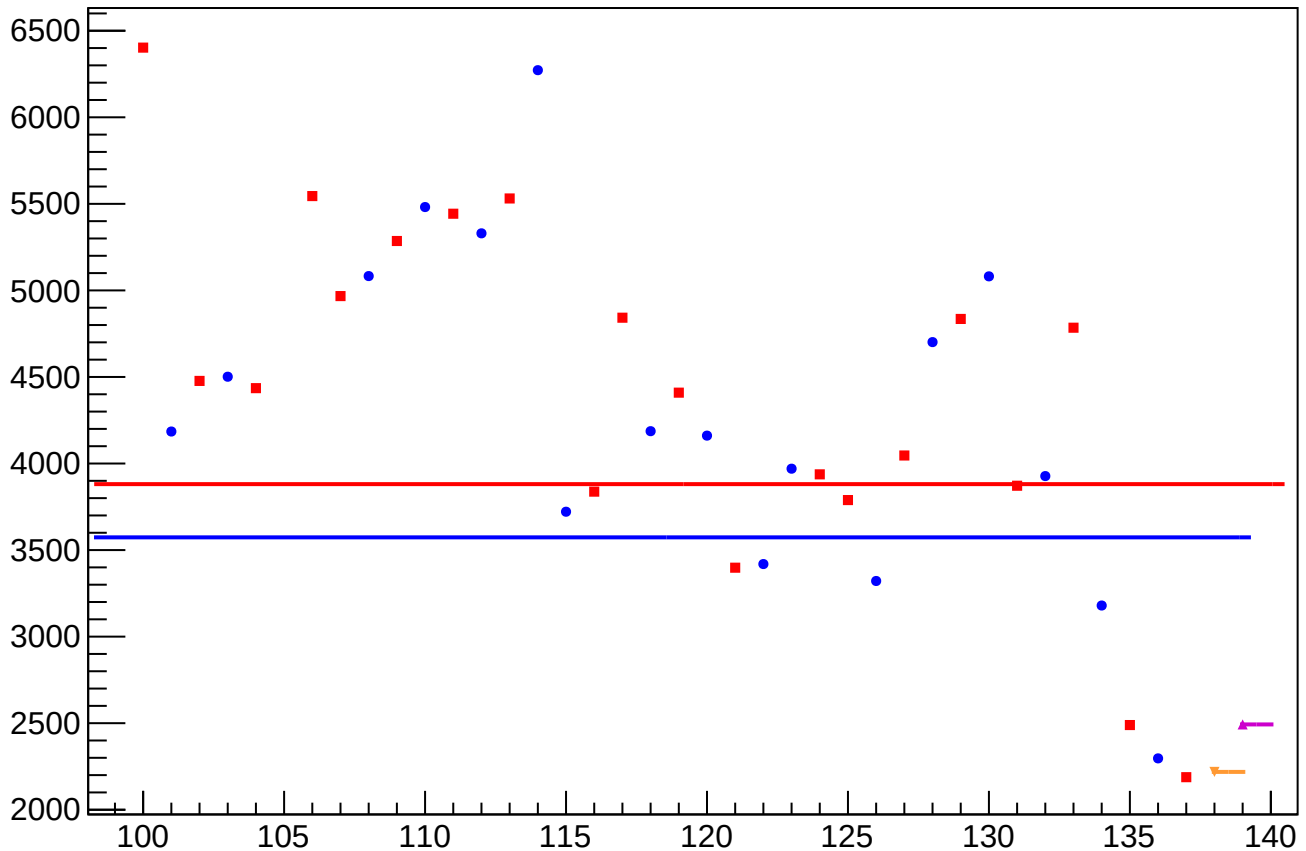
Right Out: 420.104 $\pm$ 1503.907 χ^2 /NDF: 15.7/19

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

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

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

asym_sam2_rms vs Slug



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

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

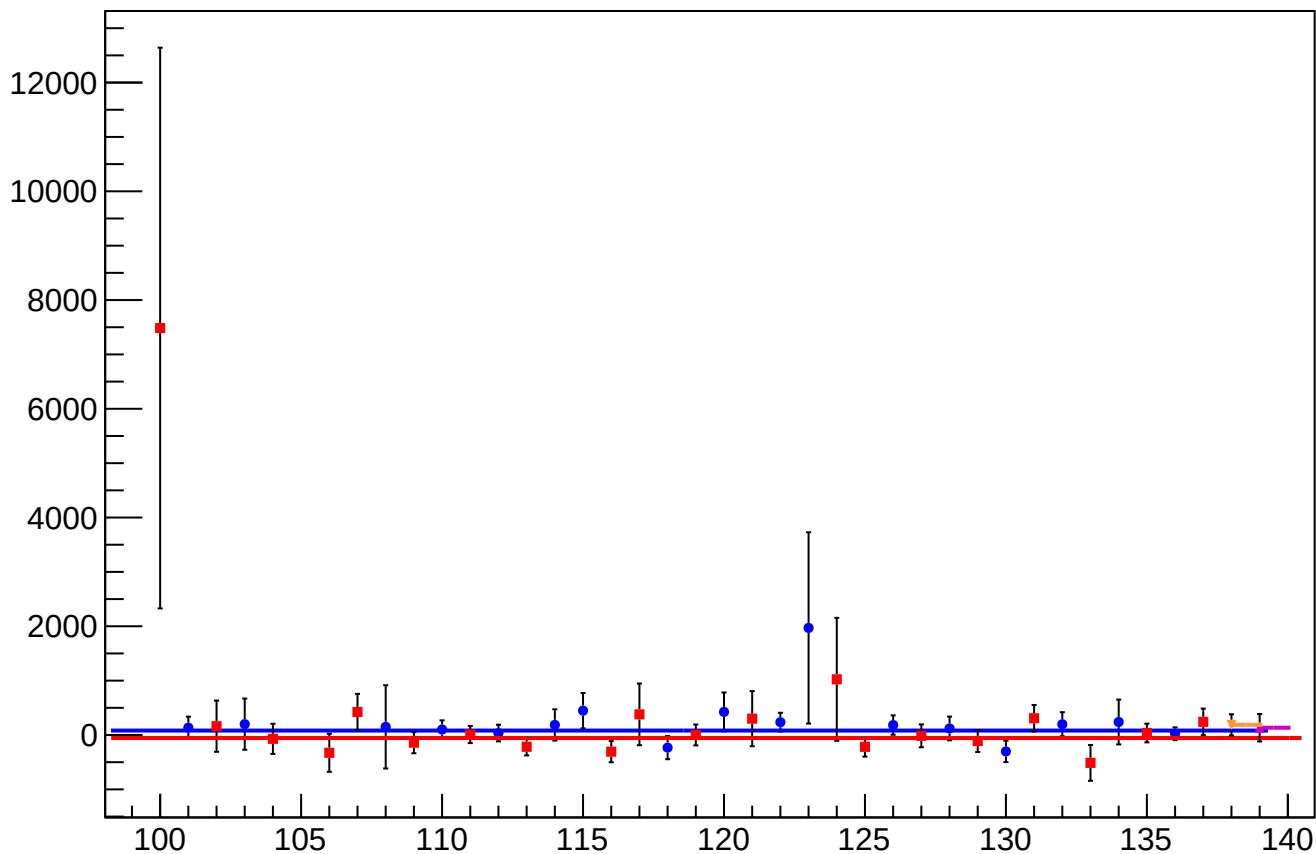
3257.577+/-0.892 χ^2/NDF : 1501262.4/17

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

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

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

dit_asym_sam3_mean vs Slug



Right In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Left Out: 187.258+/-194.191 χ^2/NDF : 0.0/0

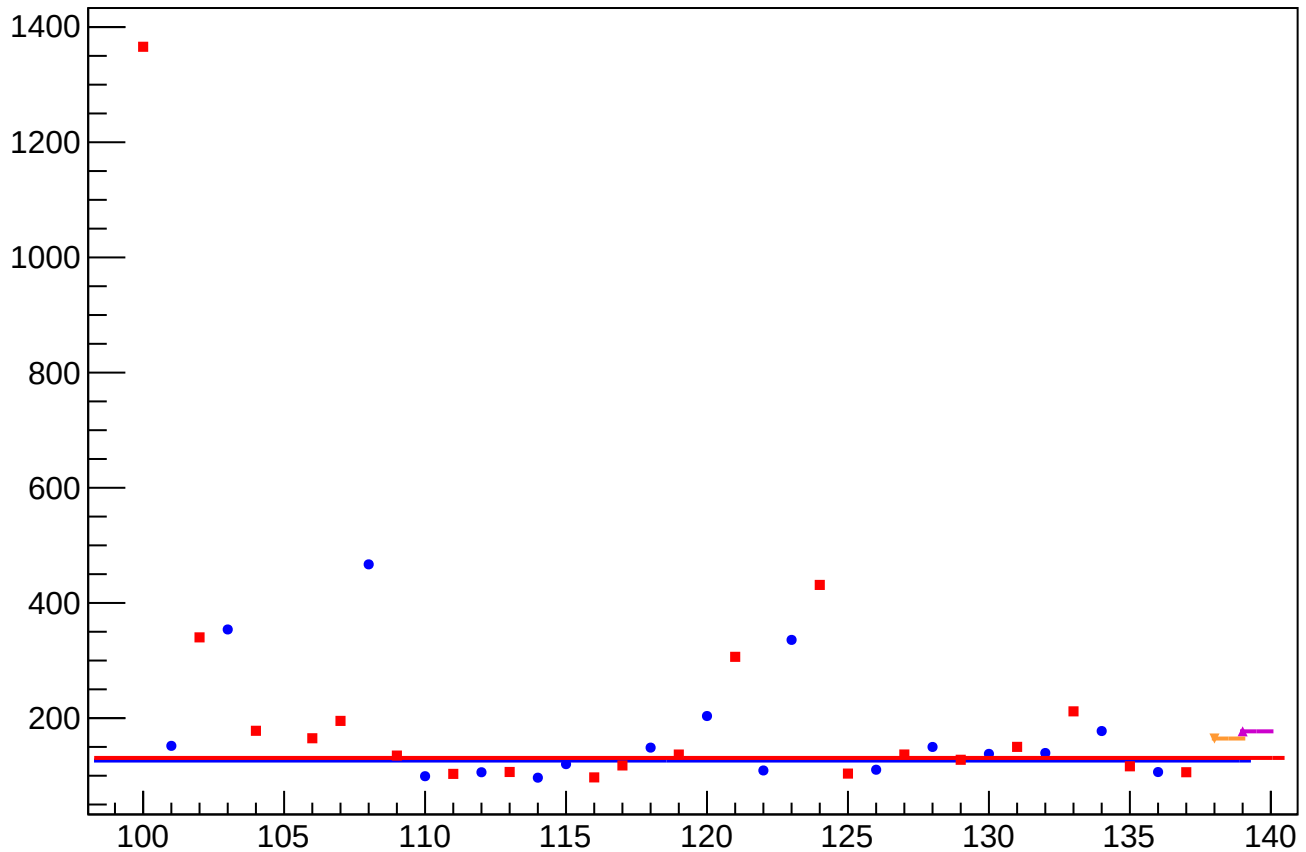
Right Out: -55.188+/-52.933 χ^2/NDF : 17.0/19

Left In: 134.083+/-252.913 χ^2/NDF : 0.0/0

88.880+/-50.147 χ^2/NDF : 11.8/17

-47.245+/-51.811 χ^2/NDF : 17.6/20

dit_asym_sam3_rms vs Slug



Right In: 126.339 $\pm$ 0.037 χ^2 /NDF: 1310585.0/16

Left Out: 164.579 $\pm$ 0.137 χ^2 /NDF:0.0/0

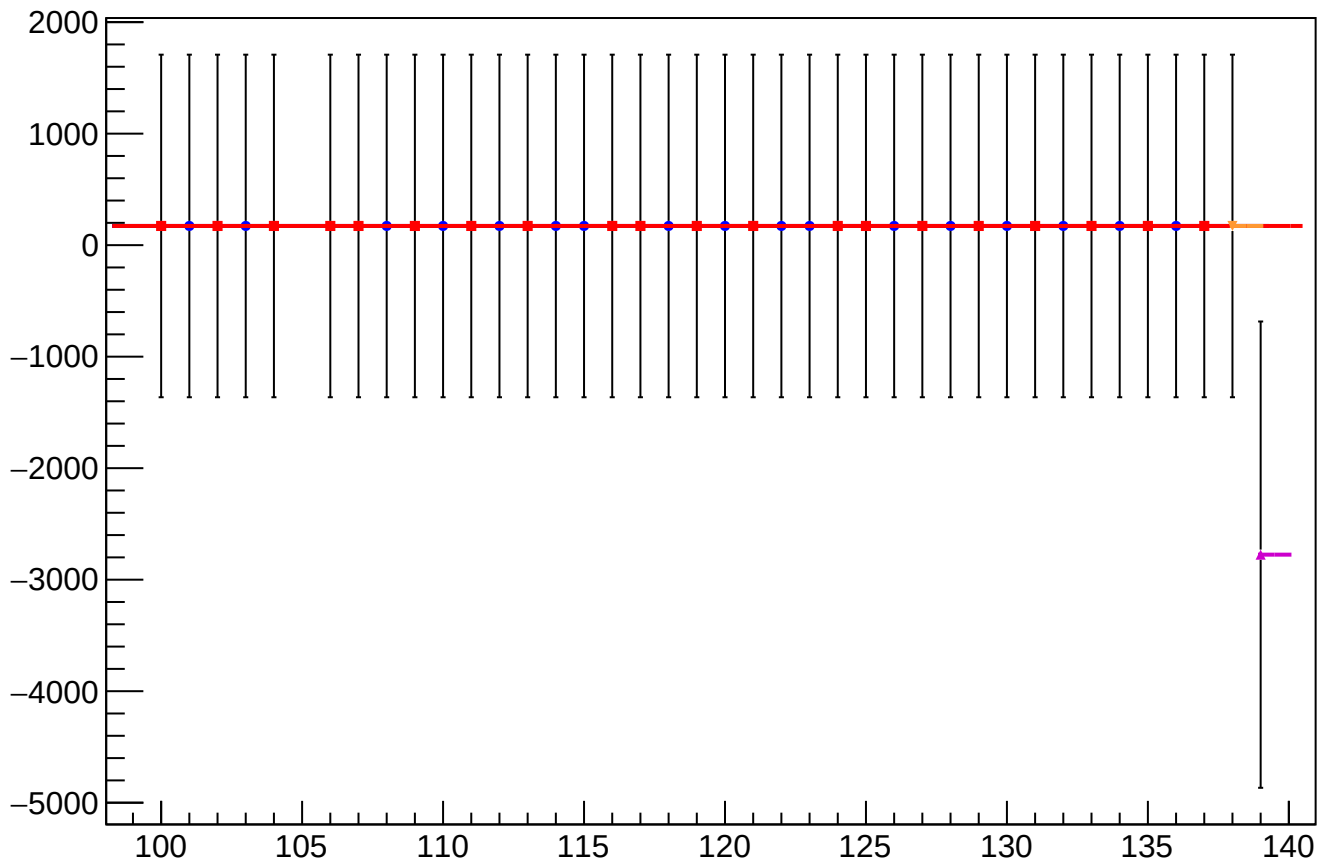
Right Out: 130.893 $\pm$ 0.037 χ^2 /NDF: 1430327.9/19

Left In: 177.059 $\pm$ 0.179 χ^2 /NDF:0.0/0

128.889 $\pm$ 0.035 χ^2 /NDF: 1382965.3/17

132.830 $\pm$ 0.037 χ^2 /NDF: 1494171.9/20

asym_sam3_correction_mean vs Slug



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

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

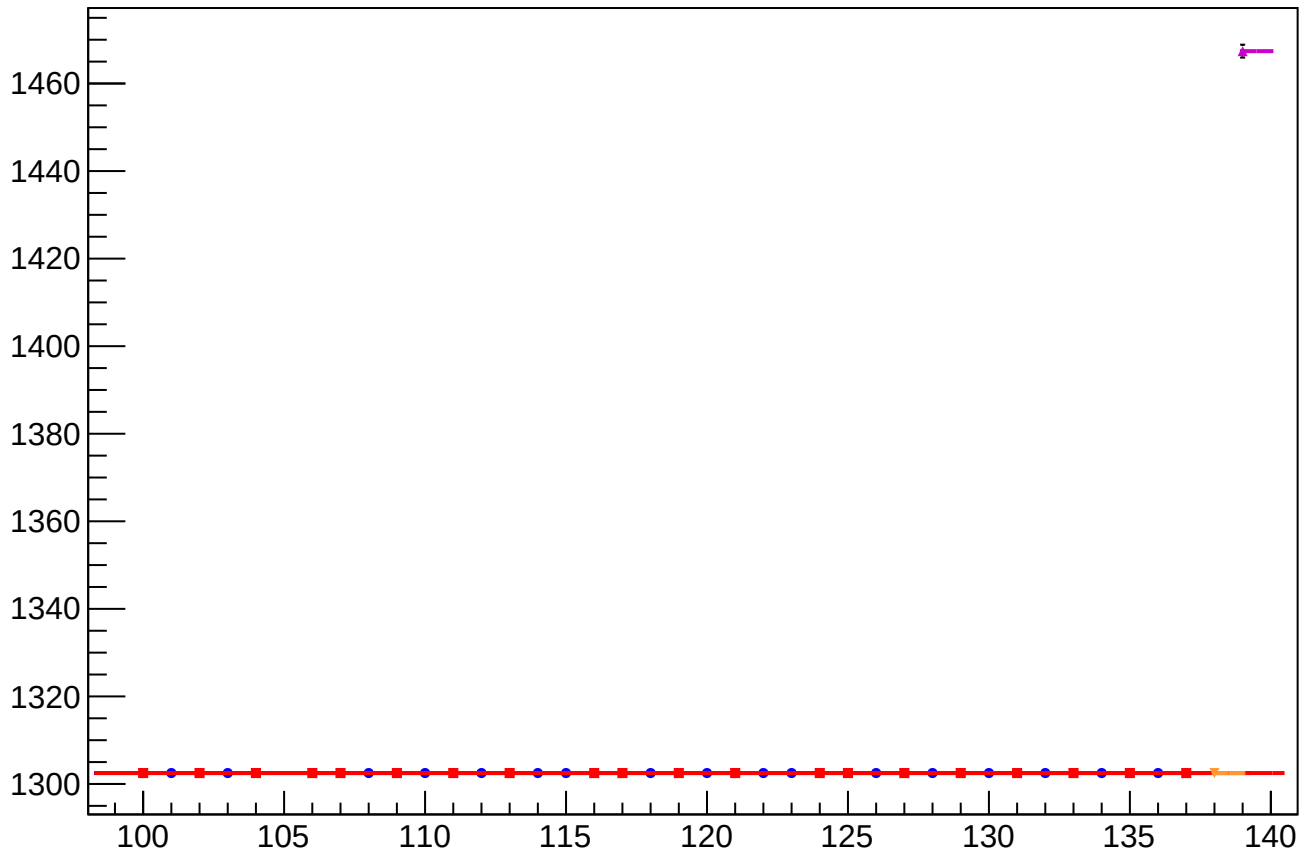
Right Out: 172.139+/-343.477 χ^2/NDF : 0.0/19

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

172.139+/-362.056 χ^2/NDF : 0.0/17

94.680+/-338.934 χ^2/NDF : 1.9/20

asym_sam3_correction_rms vs Slug



Right In: 1302.497 $\pm$ 0.263 χ^2 /NDF: 0.0/16

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

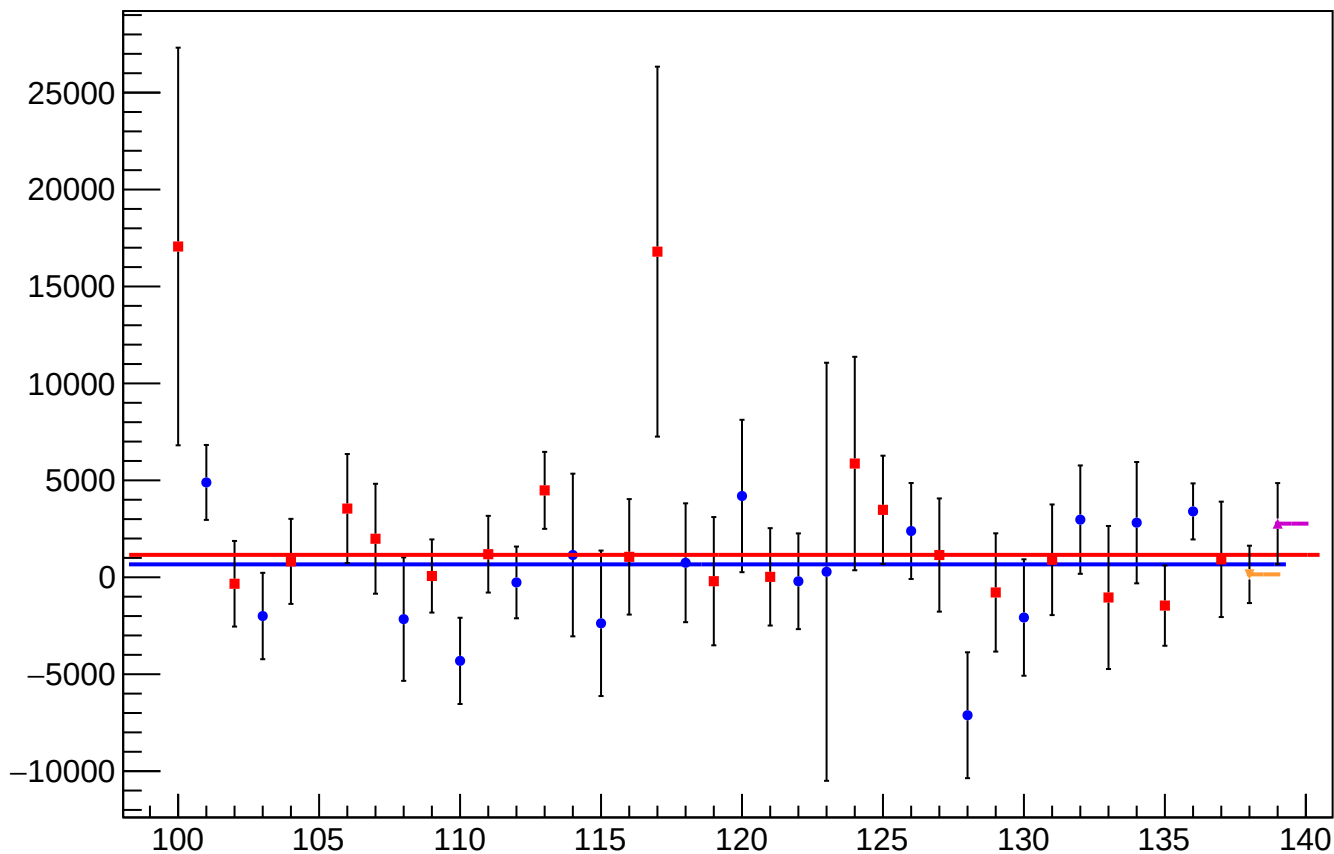
Right Out: 1302.497 $\pm$ 0.243 χ^2 /NDF: 0.0/19

Left In: 1467.391 $\pm$ 1.478 χ^2 /NDF: 0.0/0

1302.497 $\pm$ 0.256 χ^2 /NDF: 0.0/17

1306.830 $\pm$ 0.240 χ^2 /NDF: 12112.6/20

asym_sam3_mean vs Slug



Right In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Left Out: 149.994+/-1479.925 χ^2/NDF : 0.0/0

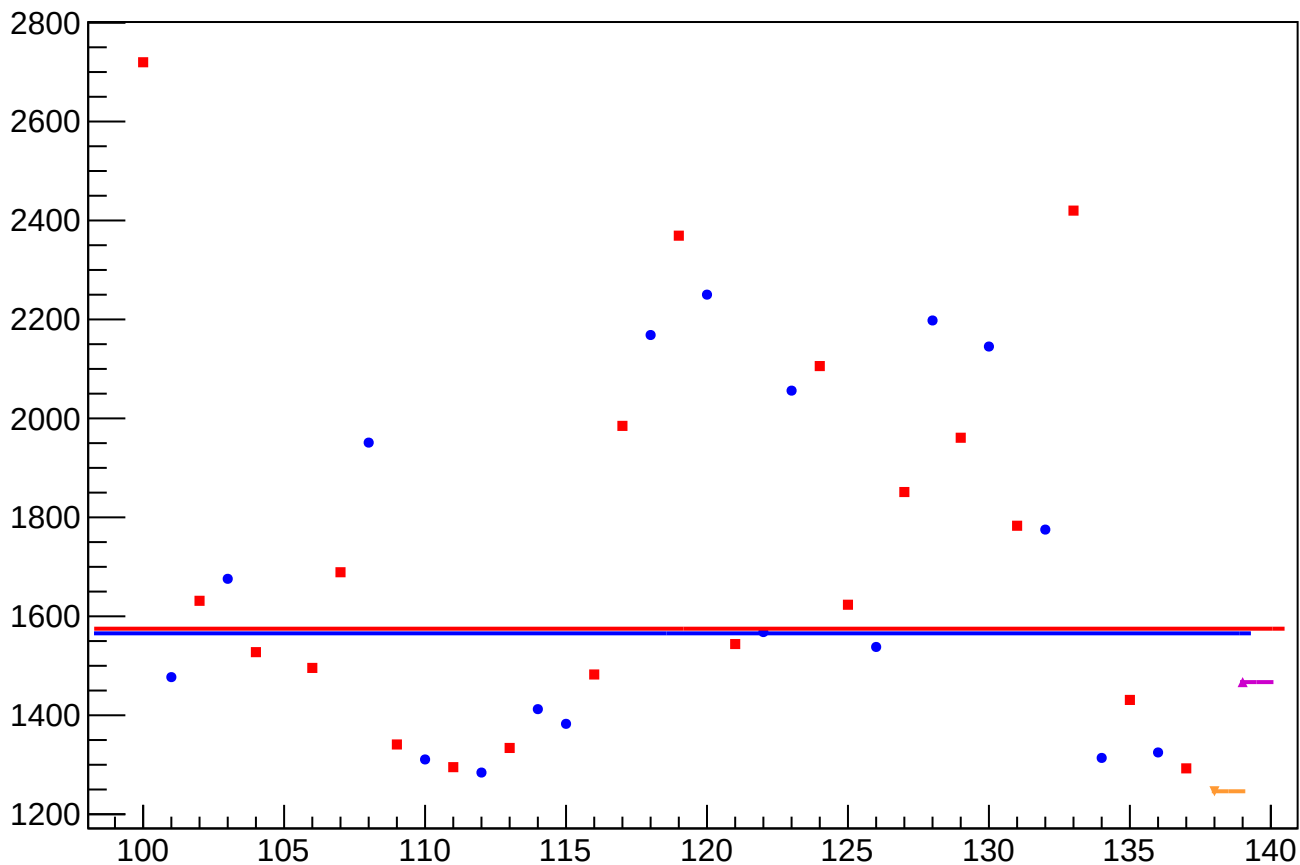
Right Out: 1156.676+/-601.441 χ^2/NDF : 13.7/19

Left In: 2767.185+/-2091.171 χ^2/NDF : 0.0/0

589.588+/-570.934 χ^2/NDF : 25.8/17

1279.718+/-578.009 χ^2/NDF : 14.2/20

asym_sam3_rms vs Slug



Right In: 1565.623+/-0.438 χ^2/NDF : 490790.2/16

Left Out: 1246.406+/-1.046 χ^2/NDF : 0.0/0

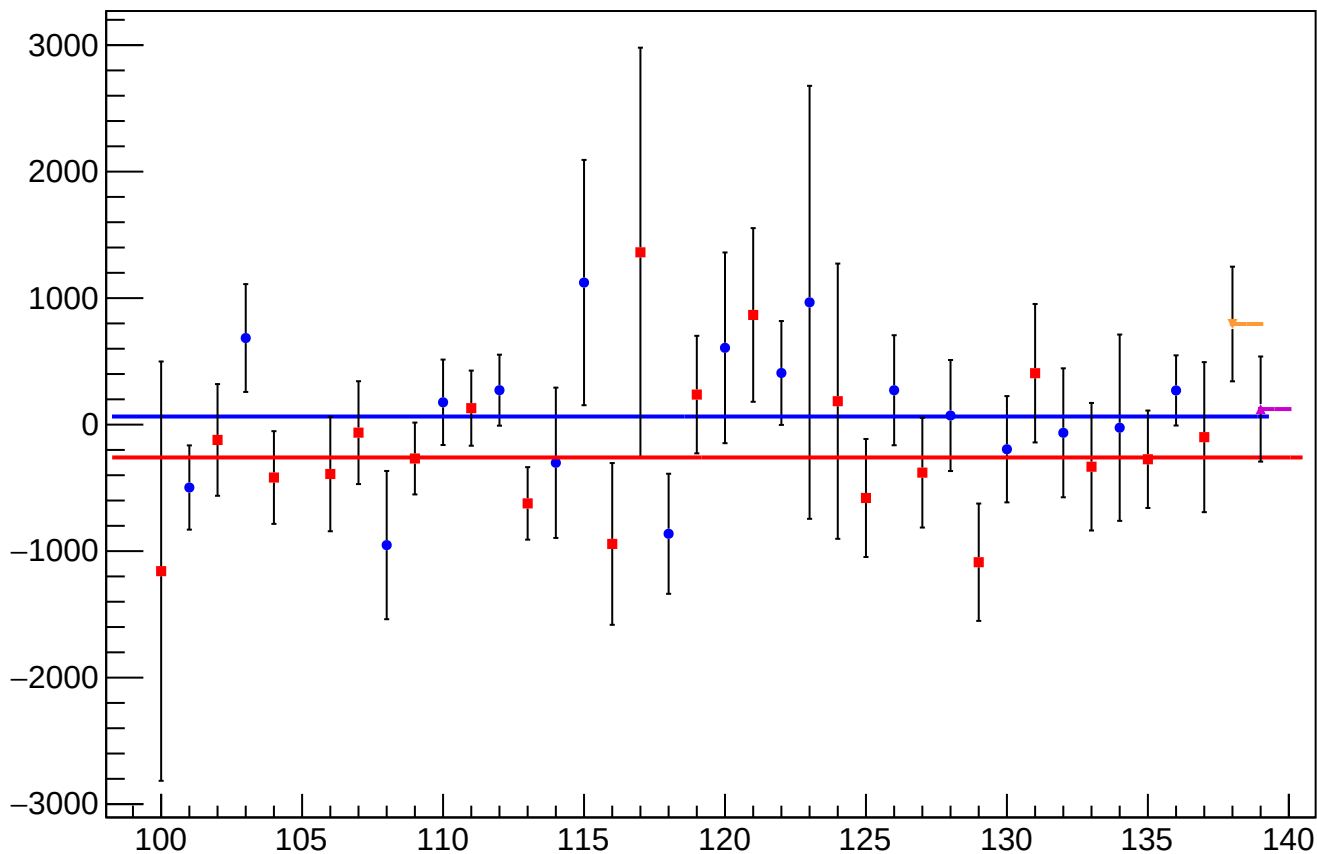
Right Out: 1575.001+/-0.425 χ^2/NDF : 465745.9/19

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

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

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

dit_asym_sam4_mean vs Slug



Right In: 64.087+/-105.336 χ^2/NDF : 16.8/16

Left Out: 795.441+/-453.196 χ^2/NDF : 0.0/0

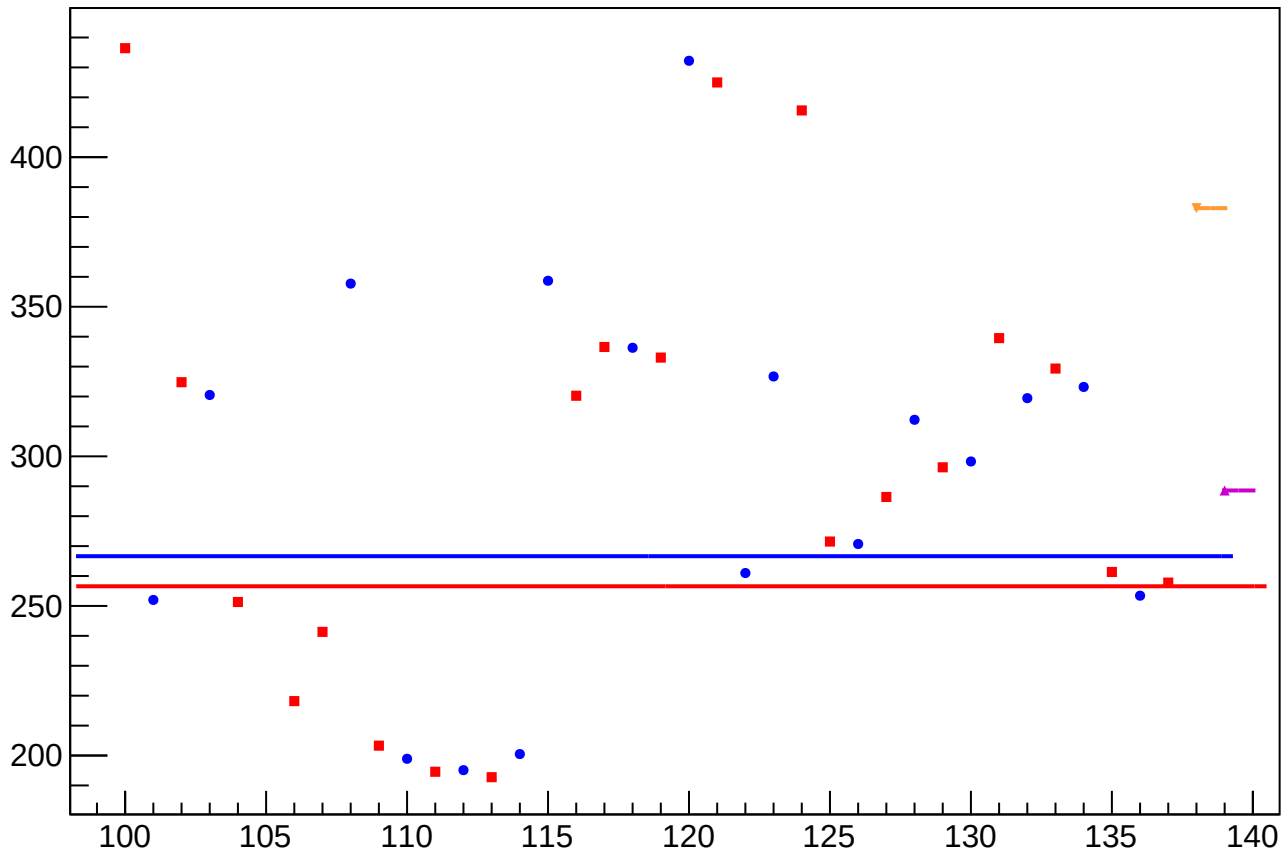
Right Out: -259.542+/-99.192 χ^2/NDF : 15.7/19

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

101.573+/-102.601 χ^2/NDF : 19.2/17

-238.900+/-96.480 χ^2/NDF : 16.5/20

dit_asym_sam4_rms vs Slug



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

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

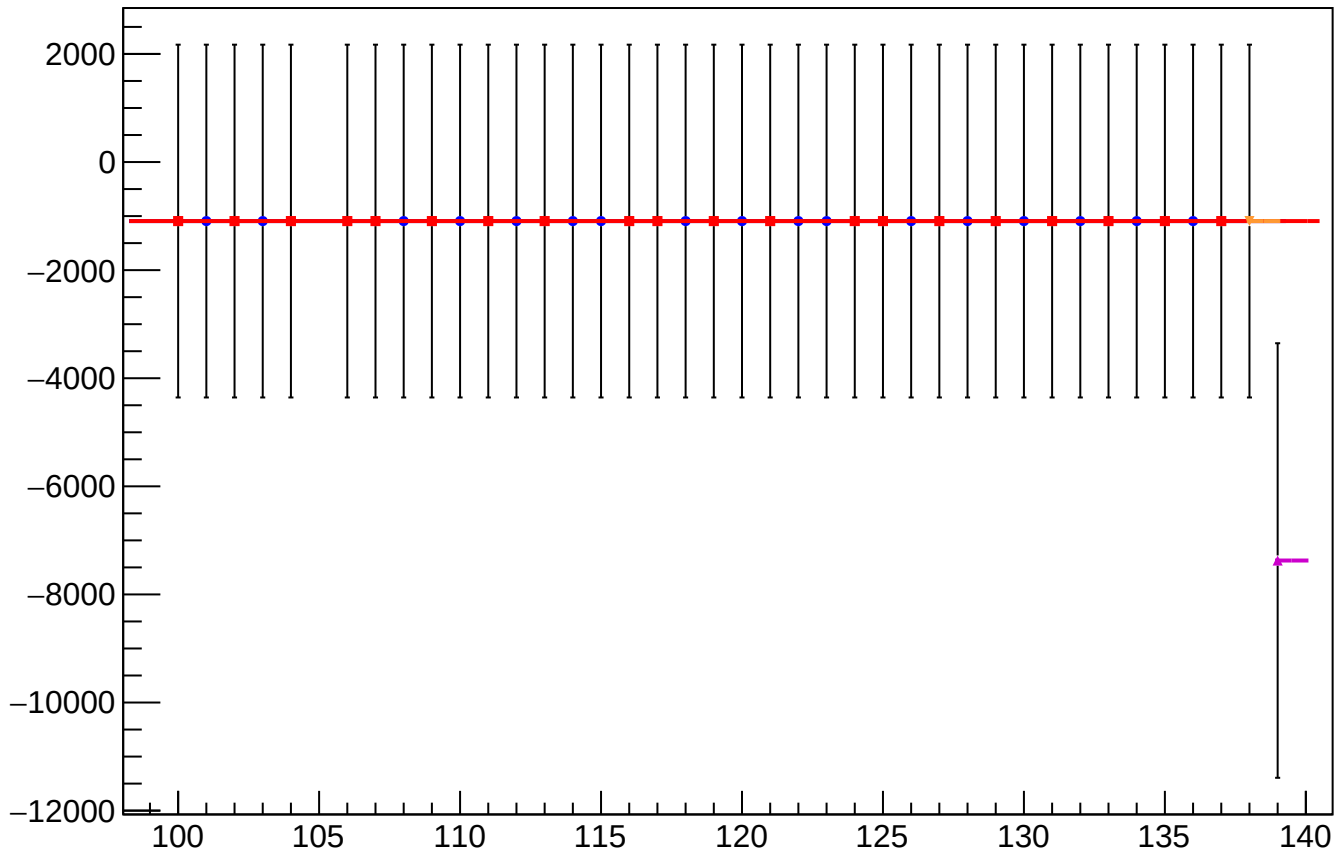
Right Out: 256.570 $\pm$ 0.070 χ^2 /NDF: 701804.1/19

Left In: 288.595 $\pm$ 0.294 χ^2 /NDF: 0.0/0

272.587 $\pm$ 0.073 χ^2 /NDF: 675772.7/17

258.298 $\pm$ 0.068 χ^2 /NDF: 713049.8/20

asym_sam4_correction_mean vs Slug



Right In: -1092.185+/-791.569 χ^2/NDF : 0.0/16

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

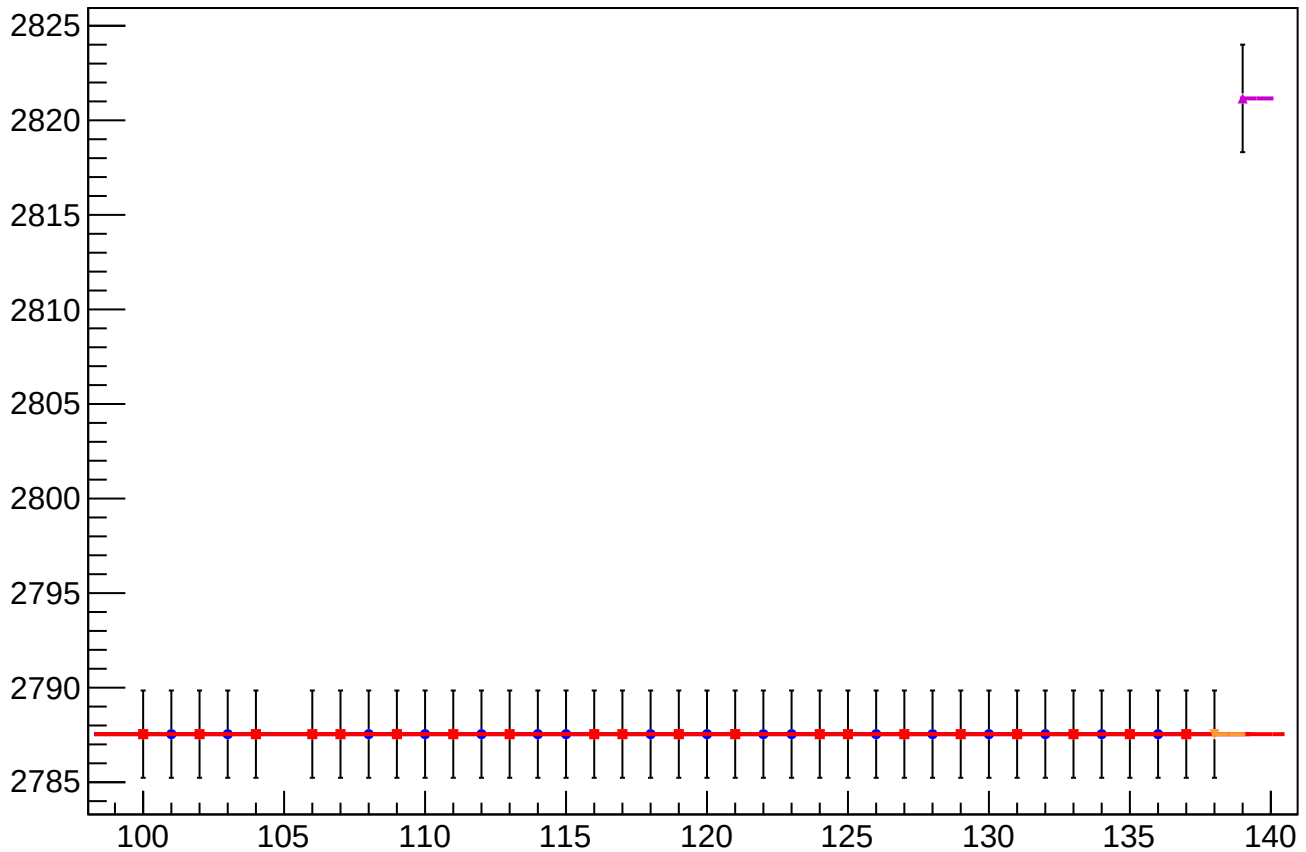
Right Out: -1092.185+/-729.791 χ^2/NDF : 0.0/19

Left In: -7372.597+/-4020.042 χ^2/NDF : 0.0/0

-1092.185+/-769.267 χ^2/NDF : 0.0/17

-1292.559+/-718.054 χ^2/NDF : 2.4/20

asym_sam4_correction_rms vs Slug



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

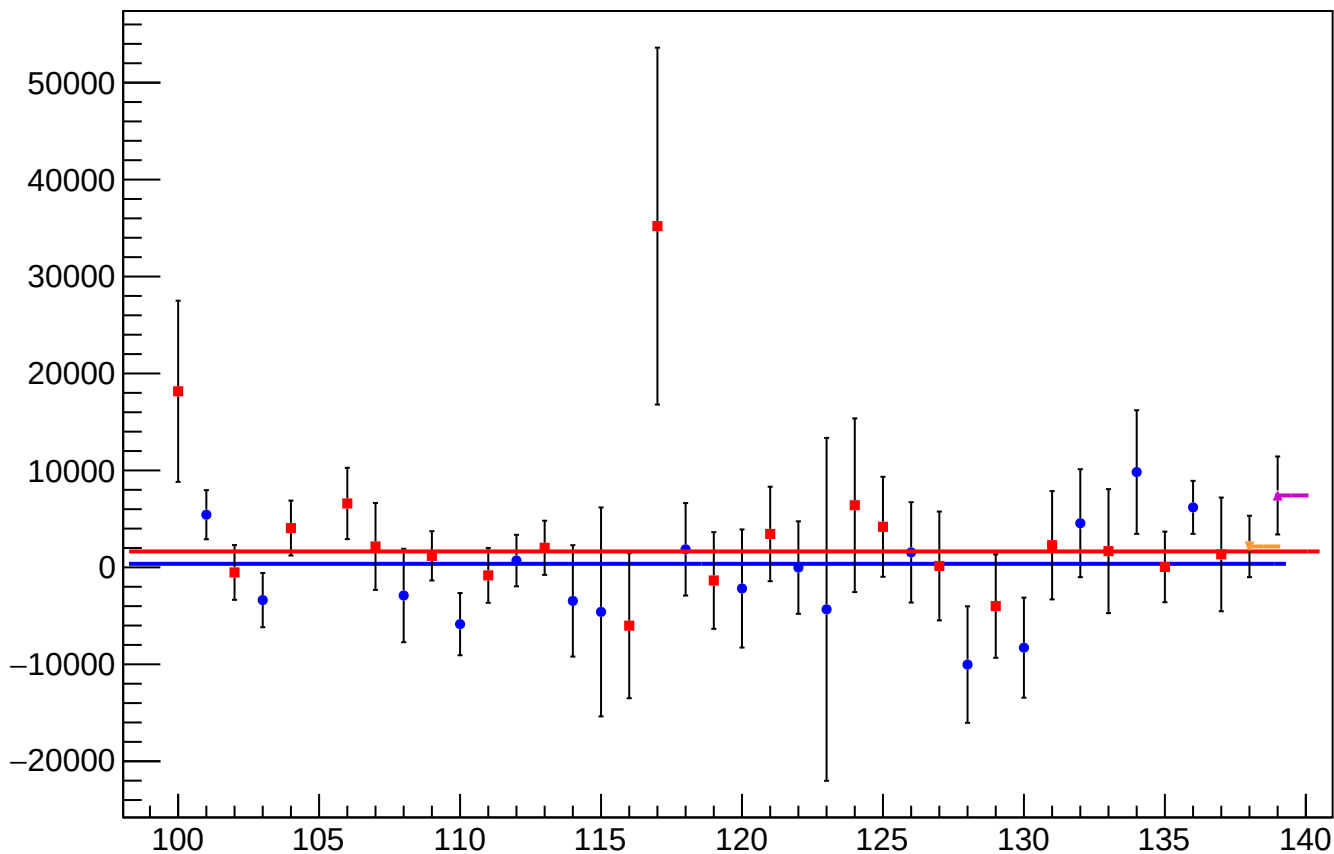
Right Out: 2787.542 $\pm$ 0.516 χ^2/NDF : 0.0/19

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

2787.542 $\pm$ 0.544 χ^2/NDF : 0.0/17

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

asym_sam4_mean vs Slug



Right In: 366.454+/-992.480 χ^2/NDF : 24.2/16

Left Out: 2158.430+/-3170.303 χ^2/NDF : 0.0/0

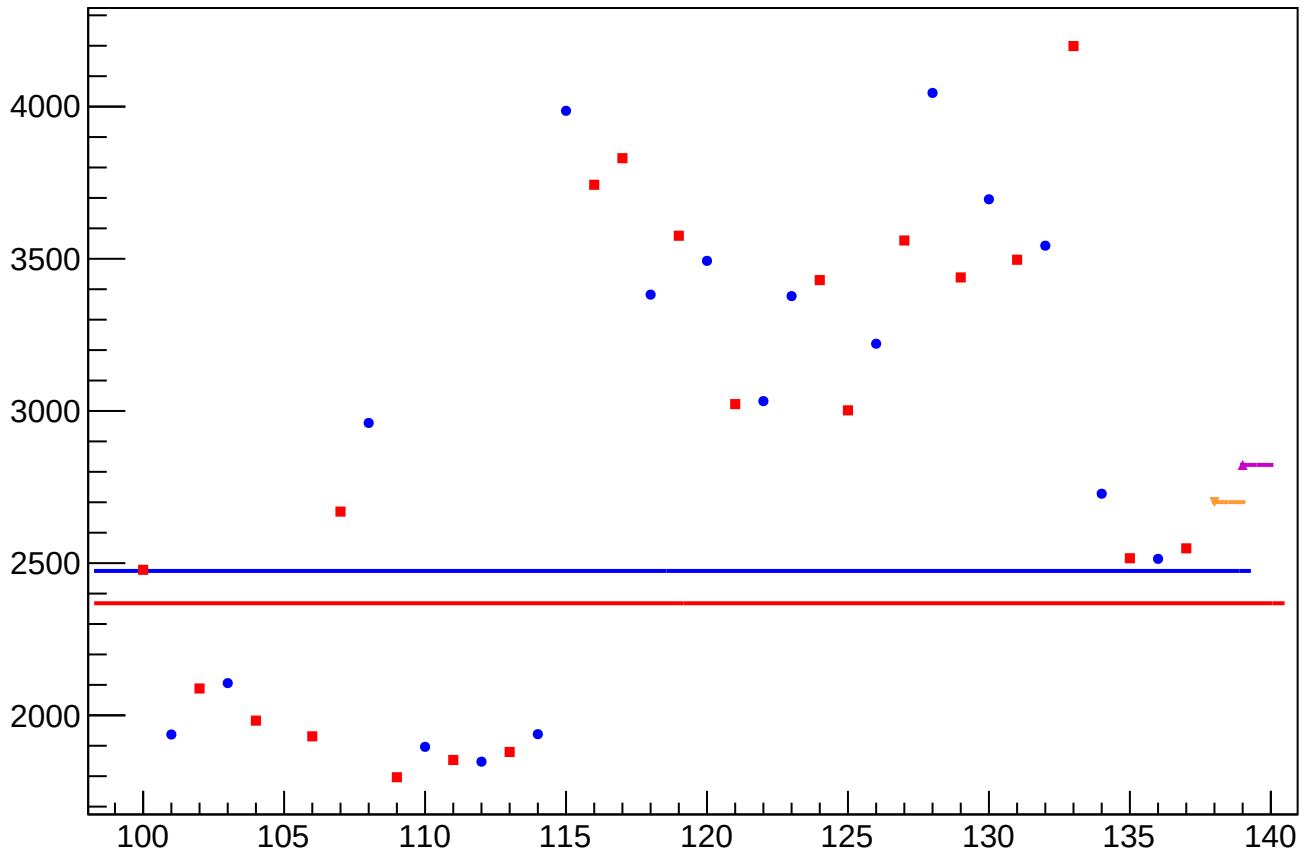
Right Out: 1641.960+/-922.841 χ^2/NDF : 13.9/19

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

526.399+/-947.153 χ^2/NDF : 24.5/17

1930.561+/-899.485 χ^2/NDF : 15.8/20

asym_sam4_rms vs Slug



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

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

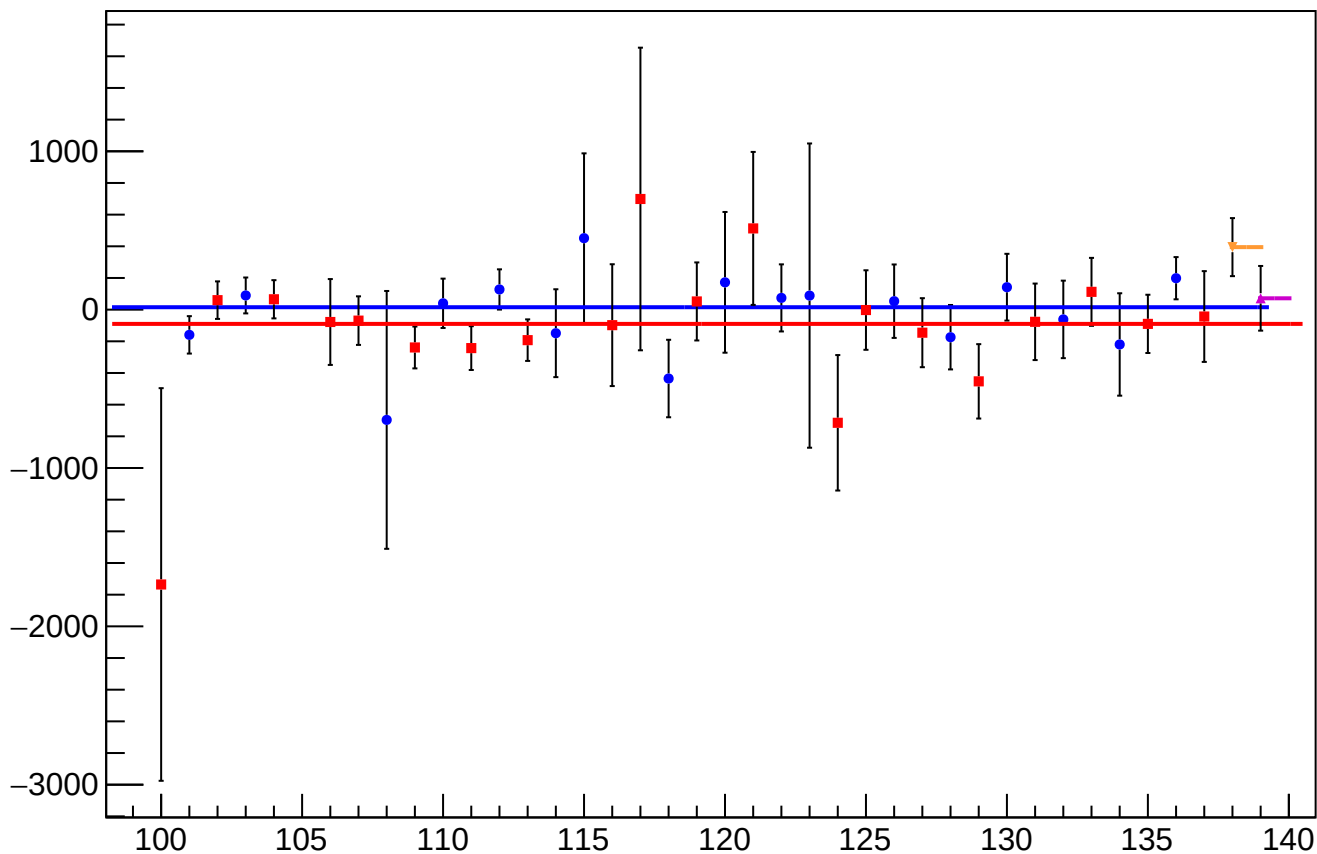
Right Out: 2368.193+/-0.653 χ^2/NDF : 1036059.3/19

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

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

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

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 394.805+/-183.266 χ^2/NDF : 0.0/0

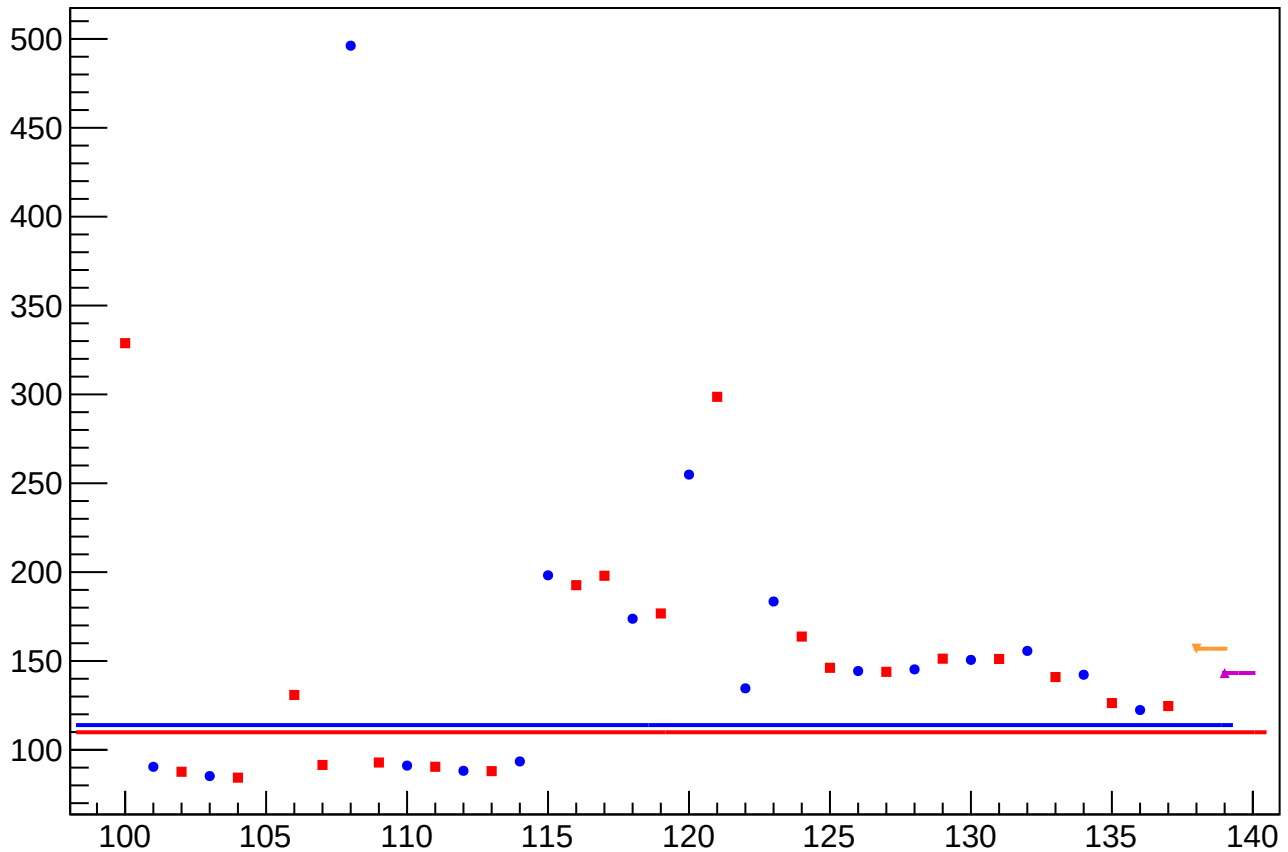
Right Out: -90.013+/-43.274 χ^2/NDF : 16.3/19

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

38.204+/-45.020 χ^2/NDF : 16.6/17

-83.067+/-42.334 χ^2/NDF : 16.9/20

dit_asym_sam5_rms vs Slug



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

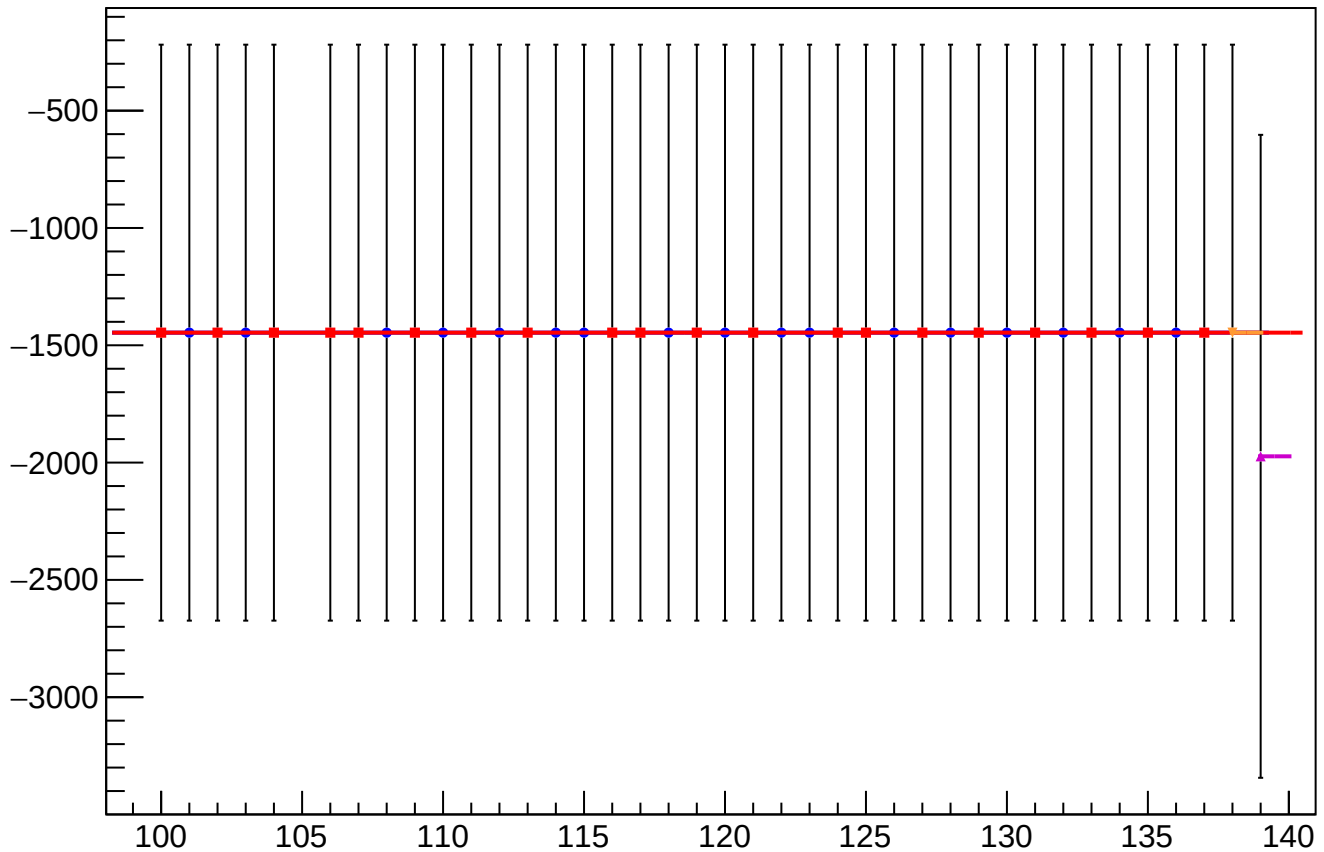
Right Out: 109.890 $\pm$ 0.031 χ^2 /NDF: 1259035.3/19

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

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

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

asym_sam5_correction_mean vs Slug



Right In: -1446.171+/-297.710 χ^2/NDF : 0.0/16

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

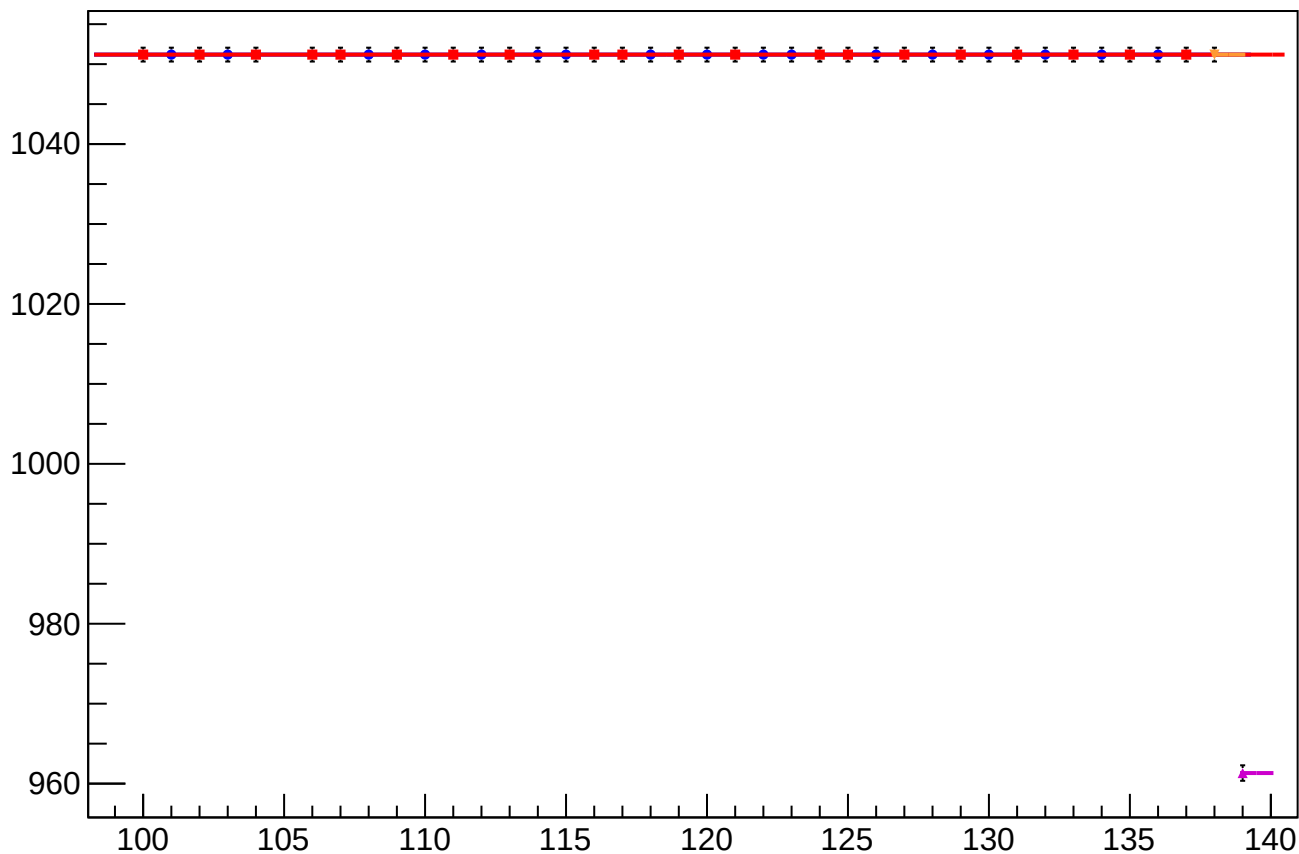
Right Out: -1446.171+/-274.475 χ^2/NDF : 0.0/19

Left In: -1973.294+/-1370.270 χ^2/NDF : 0.0/0

-1446.171+/-289.322 χ^2/NDF : 0.0/17

-1466.505+/-269.129 χ^2/NDF : 0.1/20

asym_sam5_correction_rms vs Slug



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

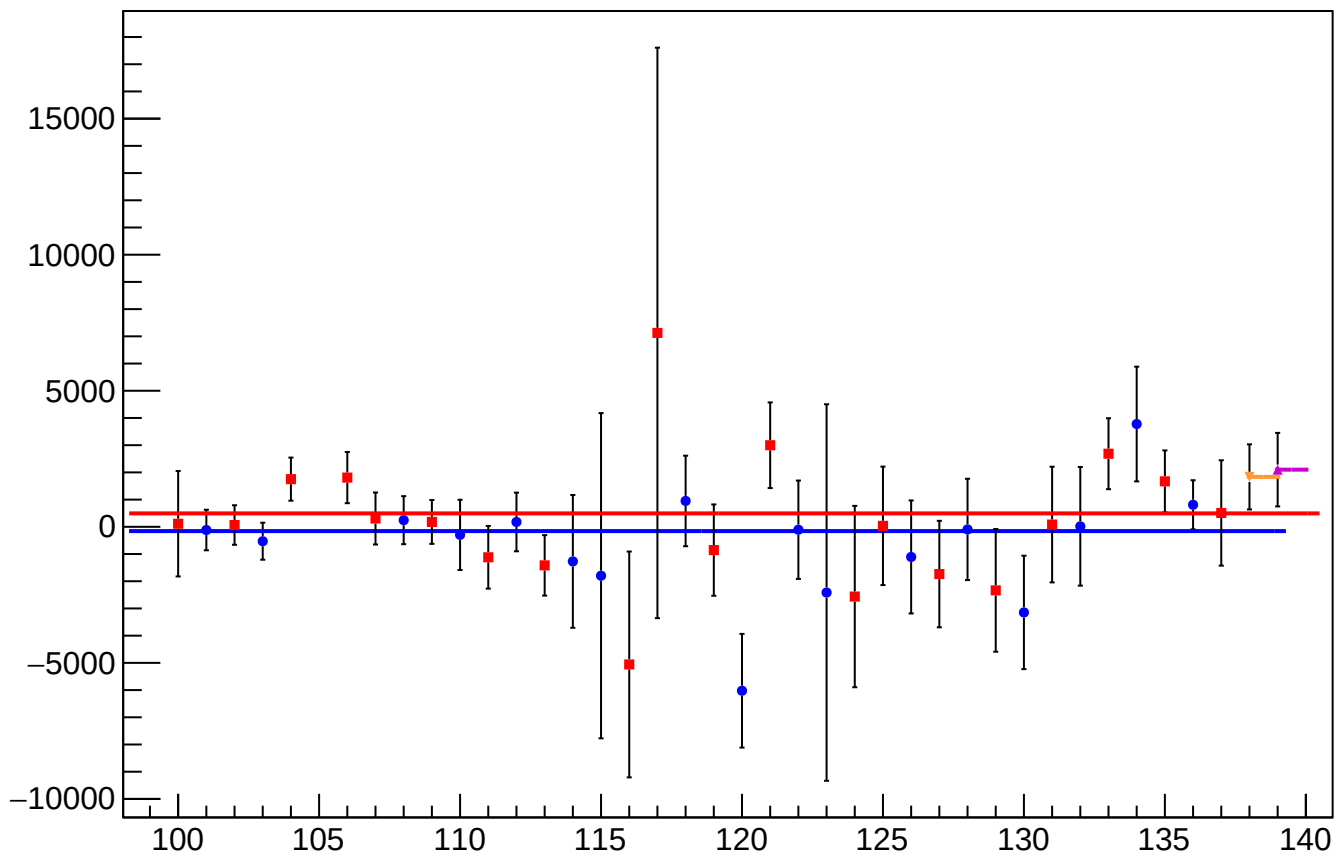
Right Out: 1051.191 $\pm$ 0.194 χ^2 /NDF: 0.0/19

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

1051.191 $\pm$ 0.205 χ^2 /NDF: 0.0/17

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

asym_sam5_mean vs Slug



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

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

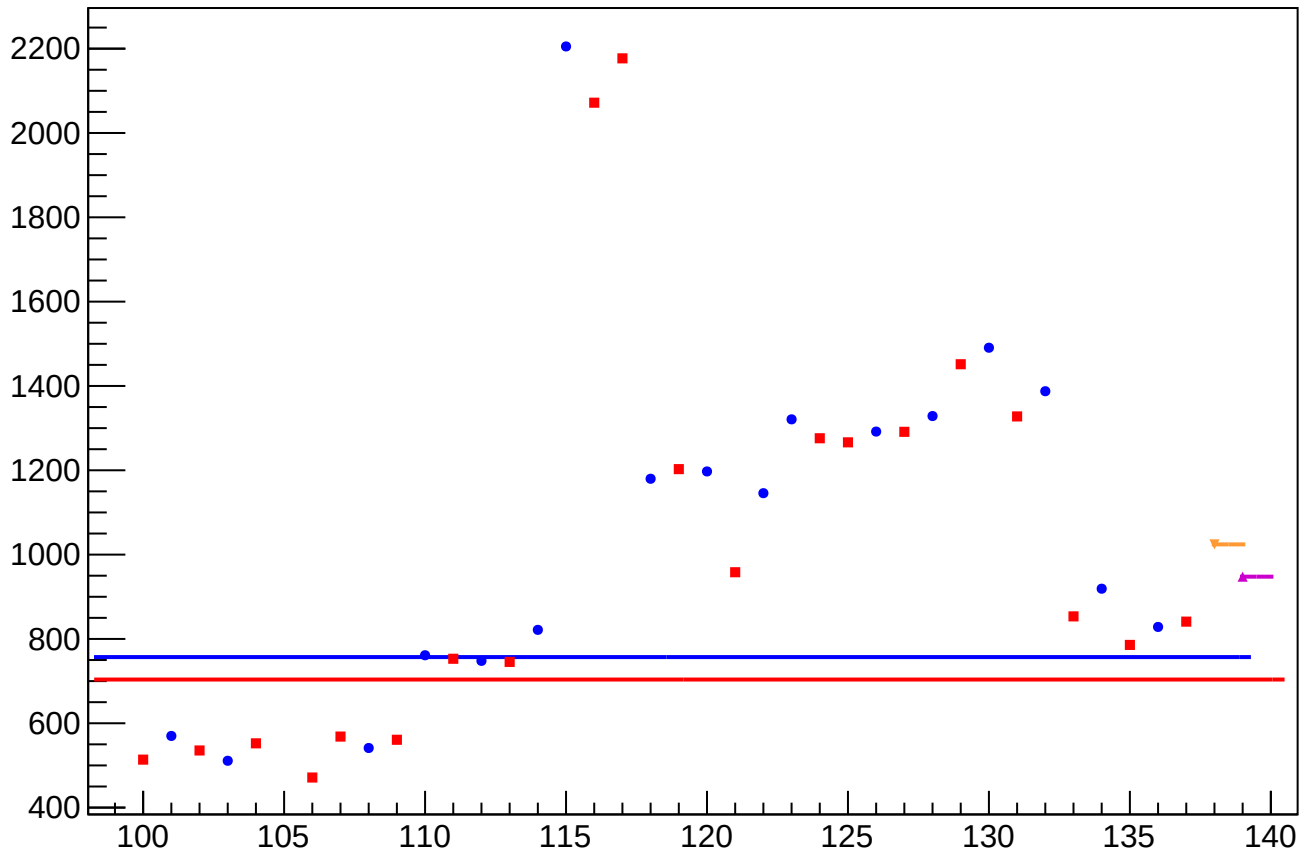
Right Out: 493.409+/-282.656 χ^2/NDF : 23.0/19

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

-29.912+/-302.351 χ^2/NDF : 18.8/17

560.825+/-276.664 χ^2/NDF : 24.4/20

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Left Out: 1024.234+/-0.846 χ^2/NDF : 0.0/0

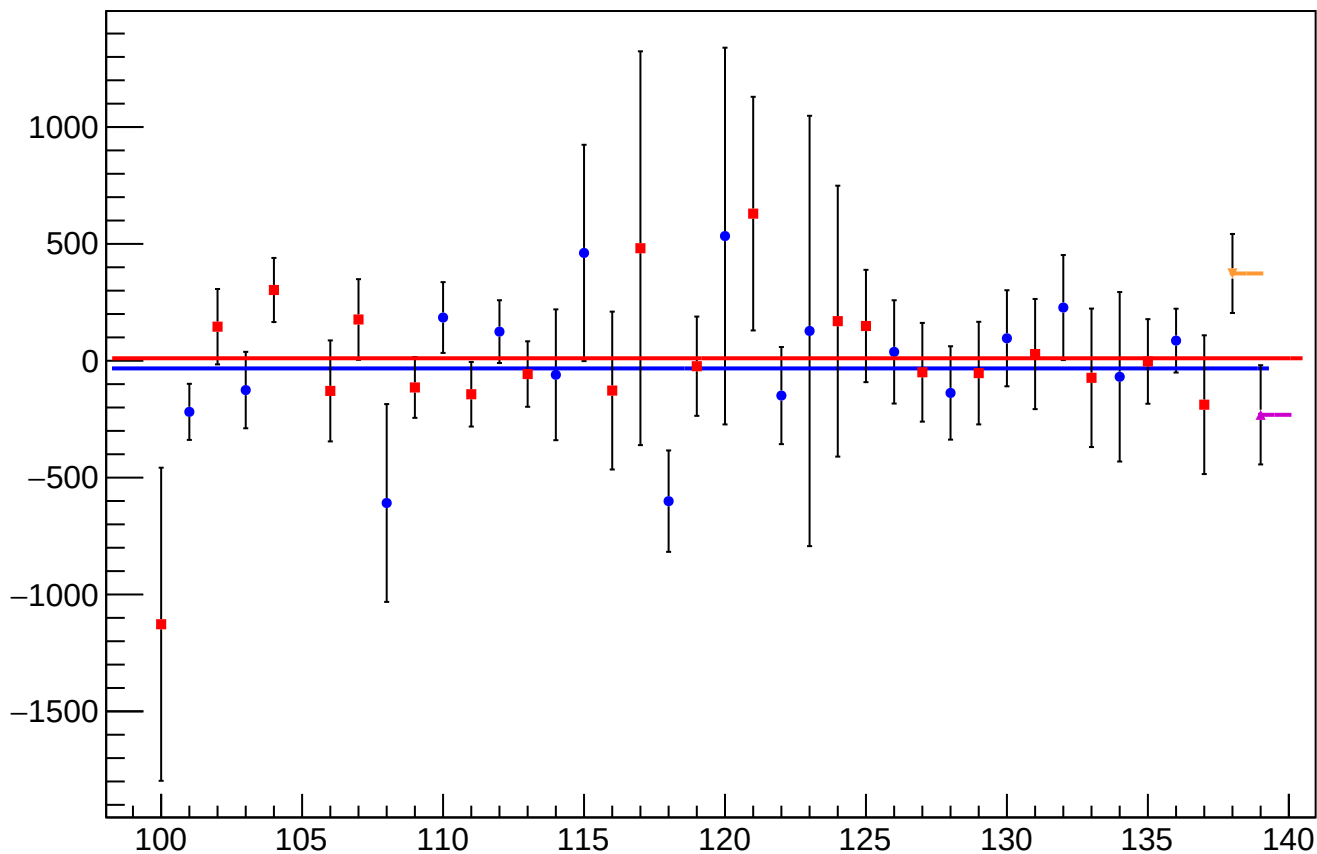
774.061+/-0.214 χ^2/NDF : 1804747.4/17

Right Out: 703.728+/-0.200 χ^2/NDF : 1729114.9/19

713.961+/-0.196 χ^2/NDF : 1791609.3/20

Left In: 947.690+/-0.955 χ^2/NDF : 0.0/0

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 373.514 ± 169.071 χ^2/NDF : 0.0/0

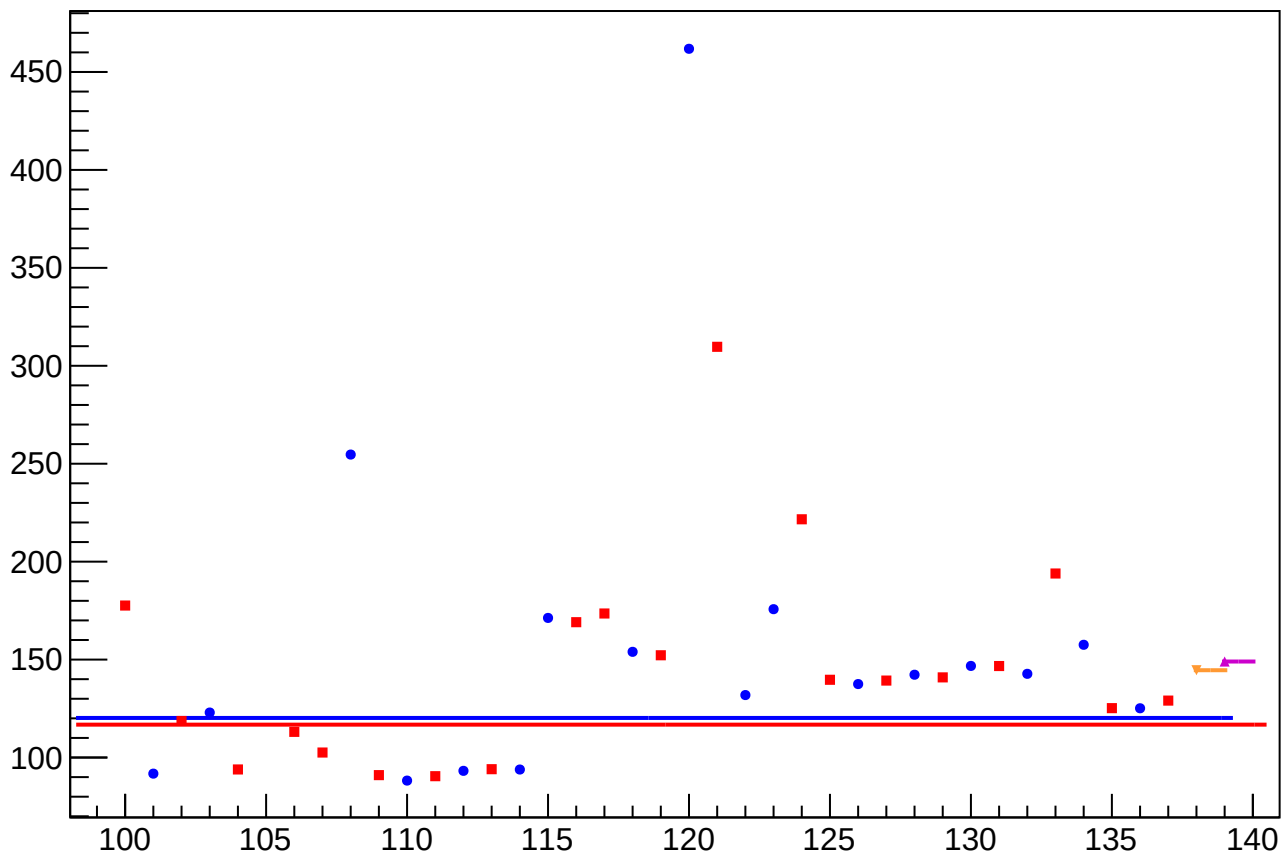
Right Out: 10.656 ± 45.533 χ^2/NDF : 15.0/19

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

-1.890 ± 46.559 χ^2/NDF : 25.1/17

0.017 ± 44.520 χ^2/NDF : 16.2/20

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF : 1062326.6/16

Left Out: 144.571+/-0.120 χ^2/NDF : 0.0/0

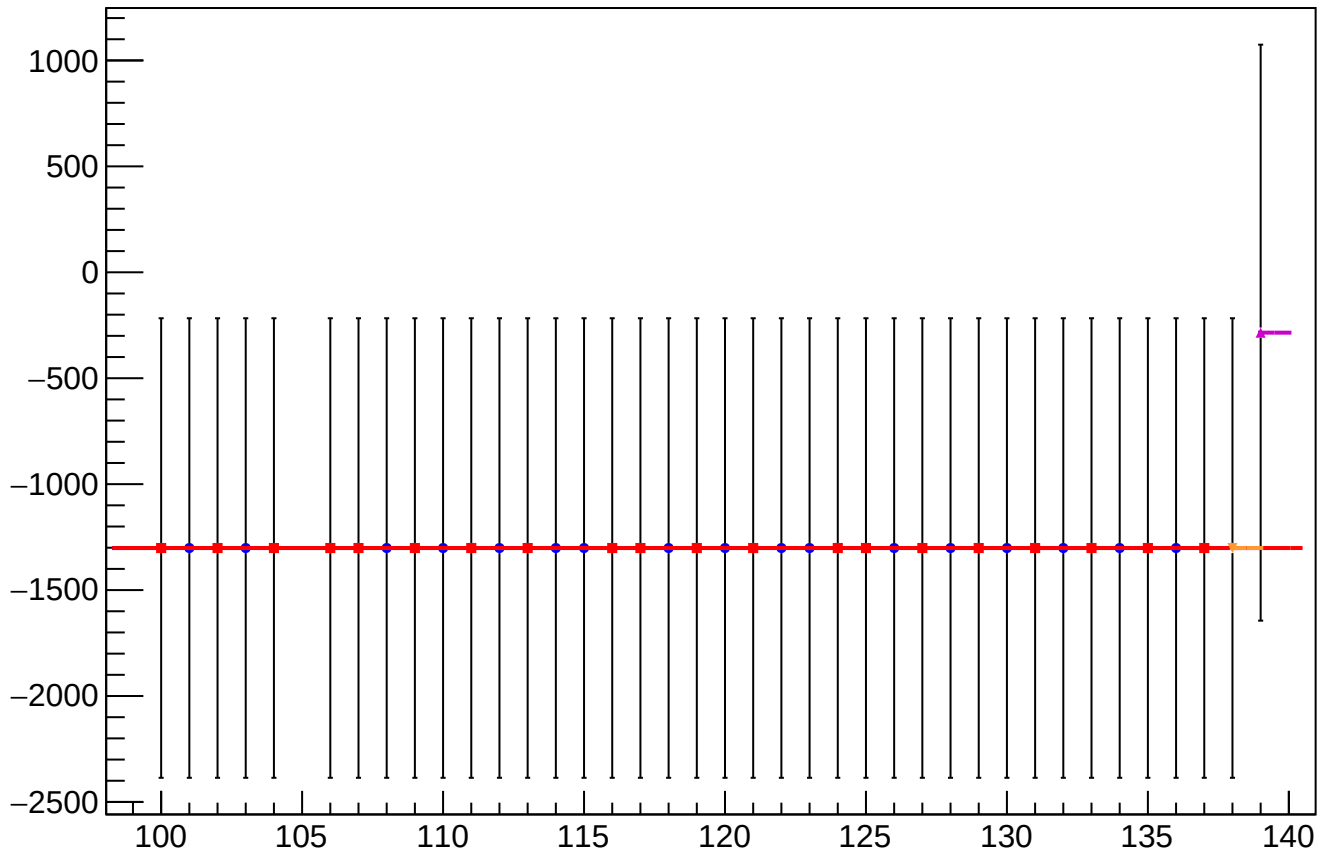
Right Out: 116.784+/-0.032 χ^2/NDF : 1007058.0/19

Left In: 149.012+/-0.150 χ^2/NDF : 0.0/0

122.054+/-0.033 χ^2/NDF : 1100711.2/17

118.202+/-0.031 χ^2/NDF : 1051123.9/20

asym_sam6_correction_mean vs Slug



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

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

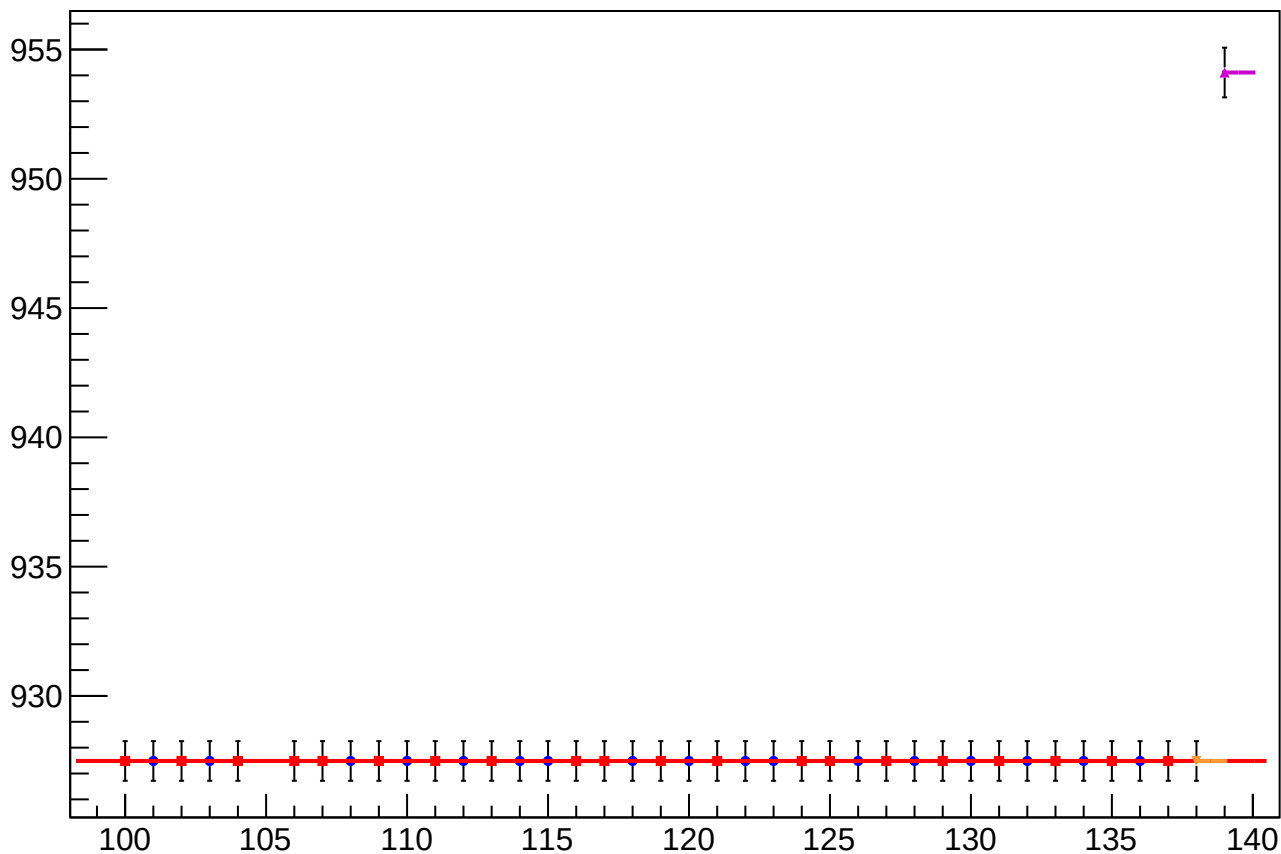
Right Out: -1301.487+/-242.517 χ^2/NDF : 0.0/19

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

-1301.487+/-255.635 χ^2/NDF : 0.0/17

-1270.128+/-238.747 χ^2/NDF : 0.5/20

asym_sam6_correction_rms vs Slug



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

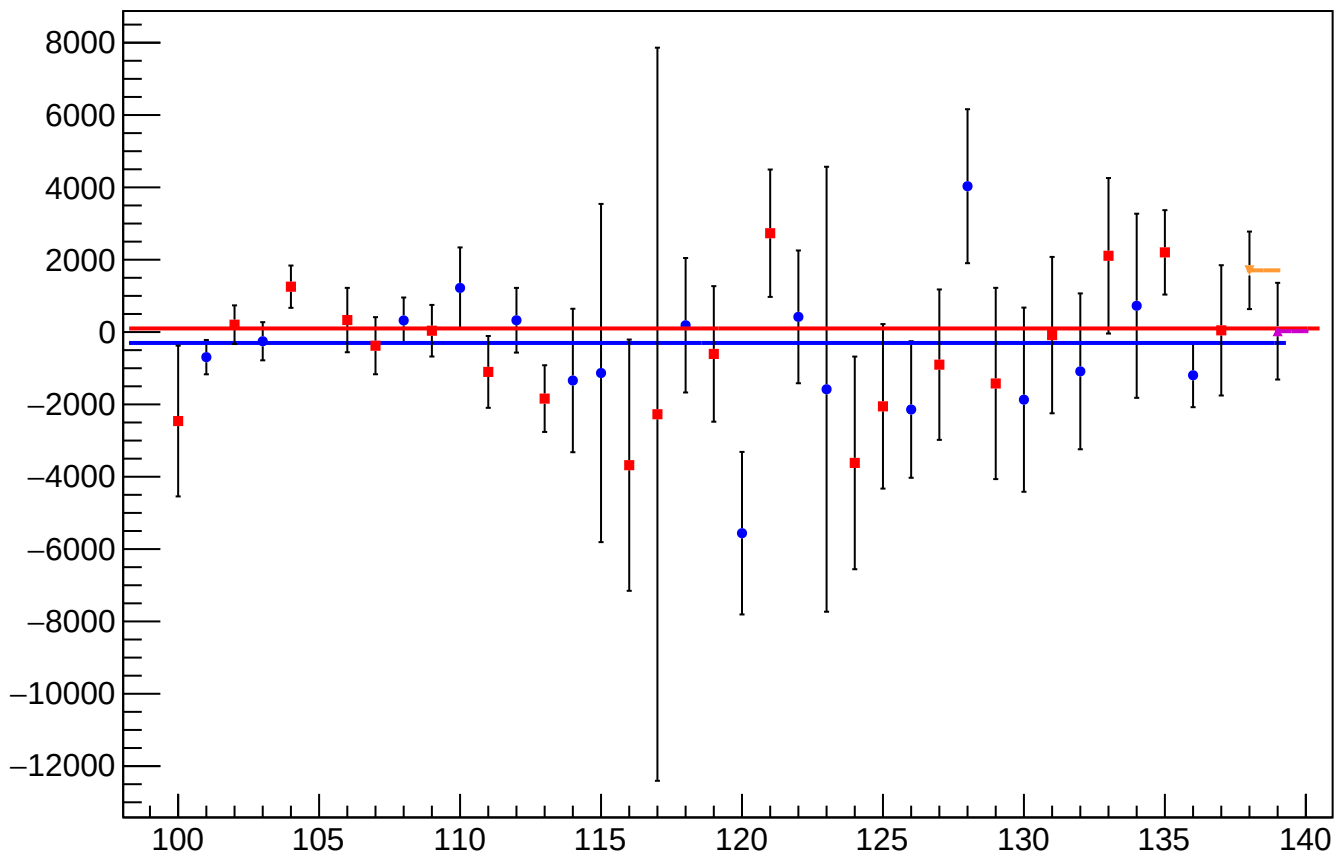
Right Out: 927.485 $\pm$ 0.171 χ^2 /NDF: 0.0/19

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

927.485 $\pm$ 0.181 χ^2 /NDF: 0.0/17

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

asym_sam6_mean vs Slug



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

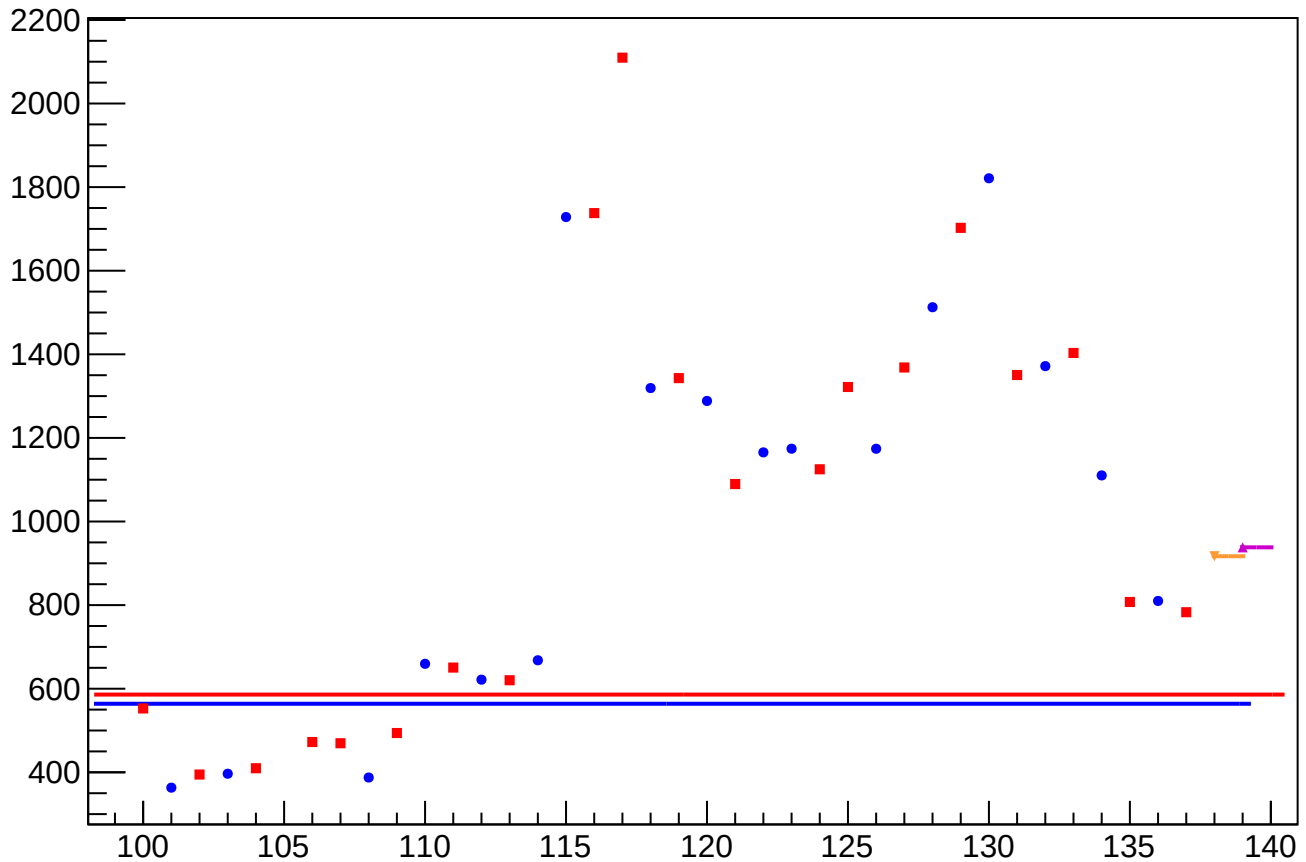
Right Out: 99.460 $\pm$ 245.908 χ^2 /NDF: 22.6/19

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

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

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

asym_sam6_rms vs Slug



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

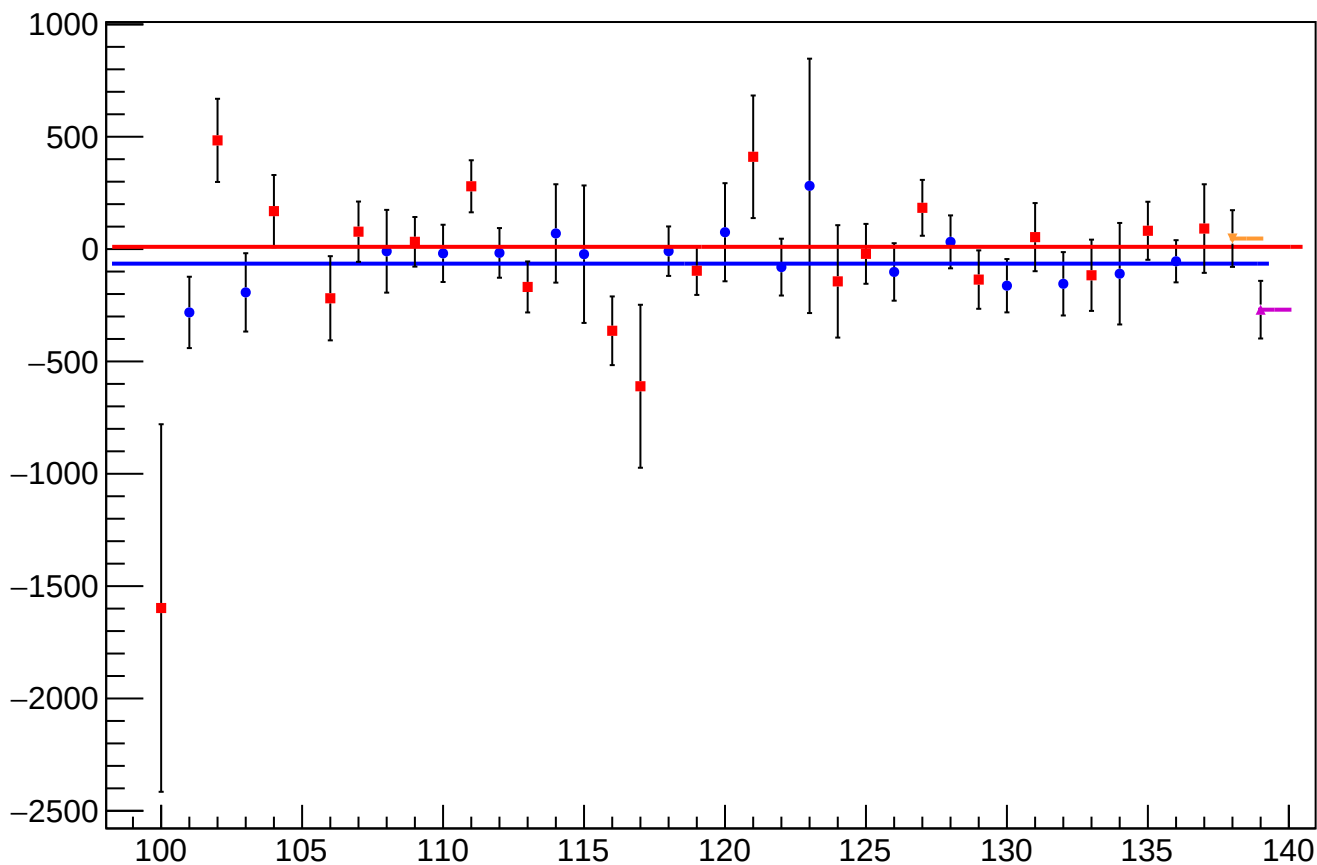
582.222 $\pm$ 0.172 χ^2 /NDF: 3467184.8/17

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

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

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

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 46.964 ± 126.171 χ^2/NDF : 0.0/0

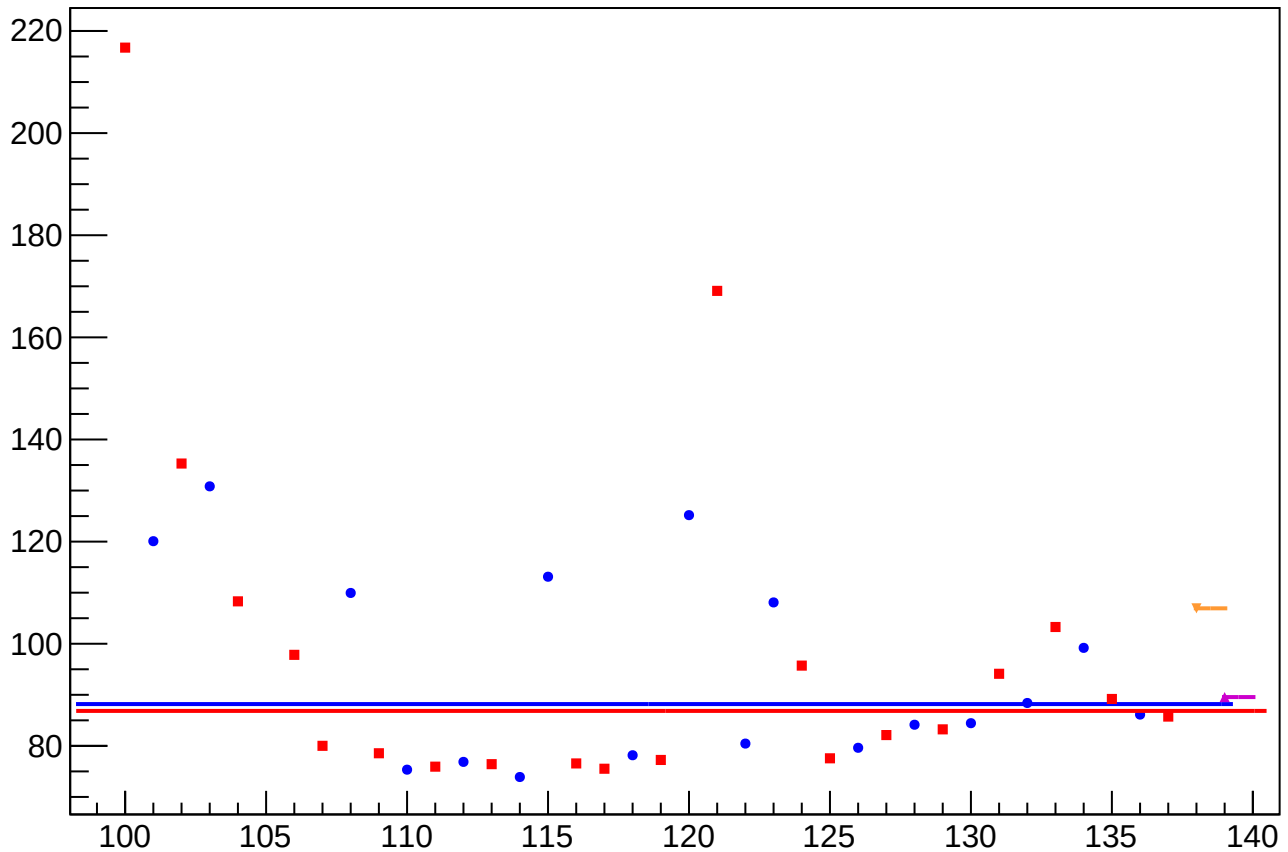
Right Out: 10.023 ± 33.281 χ^2/NDF : 37.9/19

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

-56.968 ± 33.394 χ^2/NDF : 6.9/17

-7.616 ± 32.214 χ^2/NDF : 42.4/20

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF : 394447.7/16

Left Out: 106.935+/-0.089 χ^2/NDF : 0.0/0

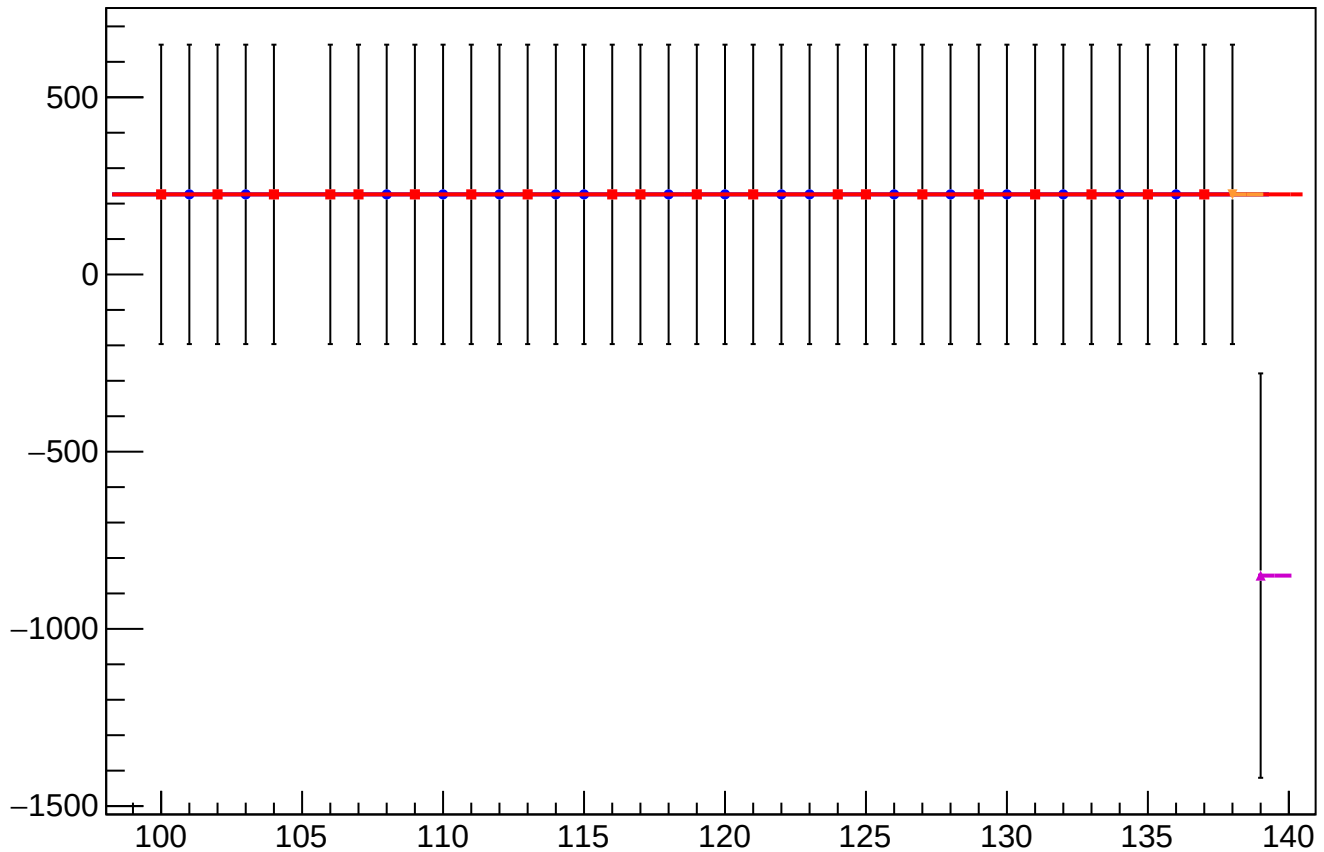
Right Out: 86.847+/-0.024 χ^2/NDF : 533326.2/19

Left In: 89.559+/-0.091 χ^2/NDF : 0.0/0

89.500+/-0.024 χ^2/NDF : 435517.7/17

87.018+/-0.023 χ^2/NDF : 534163.7/20

asym_sam7_correction_mean vs Slug



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

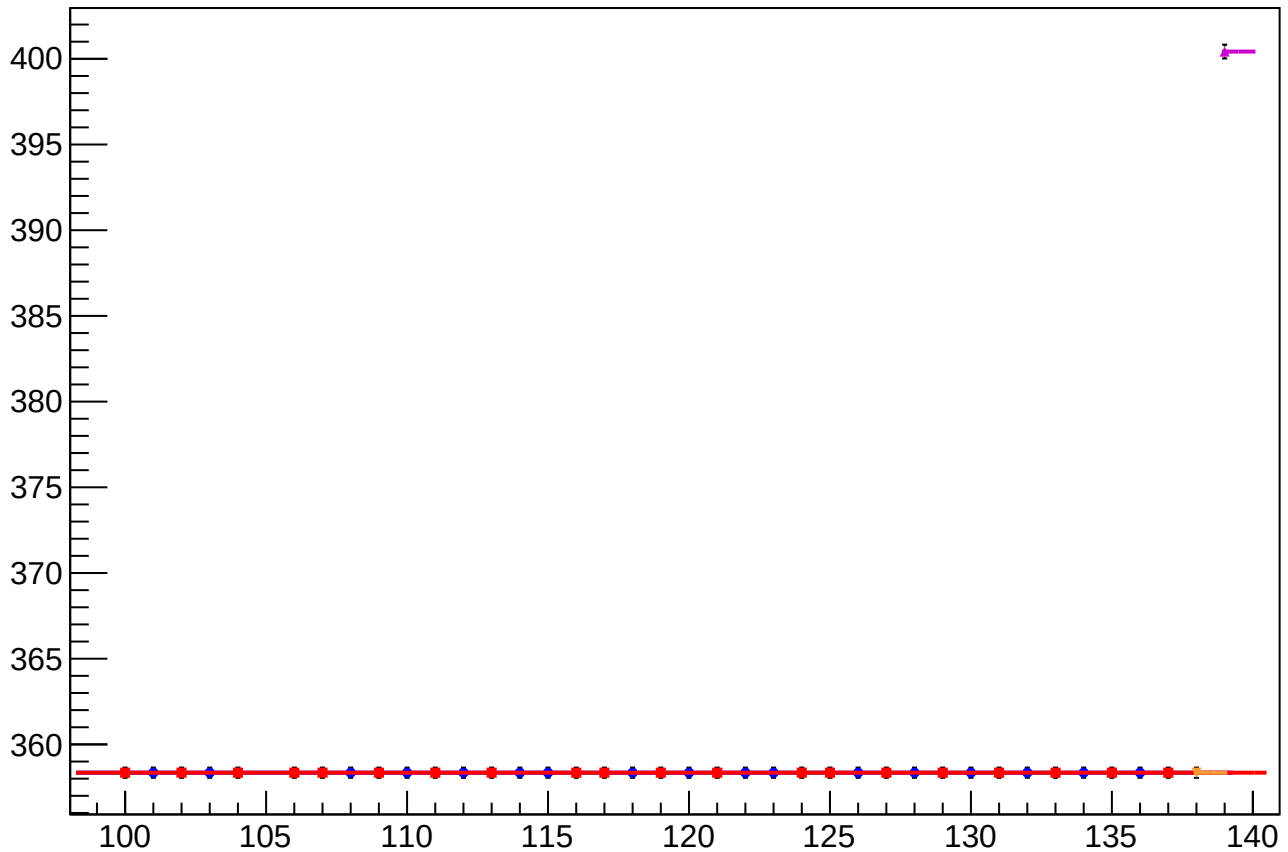
Right Out: 226.028 $\pm$ 94.454 χ^2 /NDF: 0.0/19

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

226.028 $\pm$ 99.563 χ^2 /NDF: 0.0/17

197.332 $\pm$ 93.185 χ^2 /NDF: 3.5/20

asym_sam7_correction_rms vs Slug



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

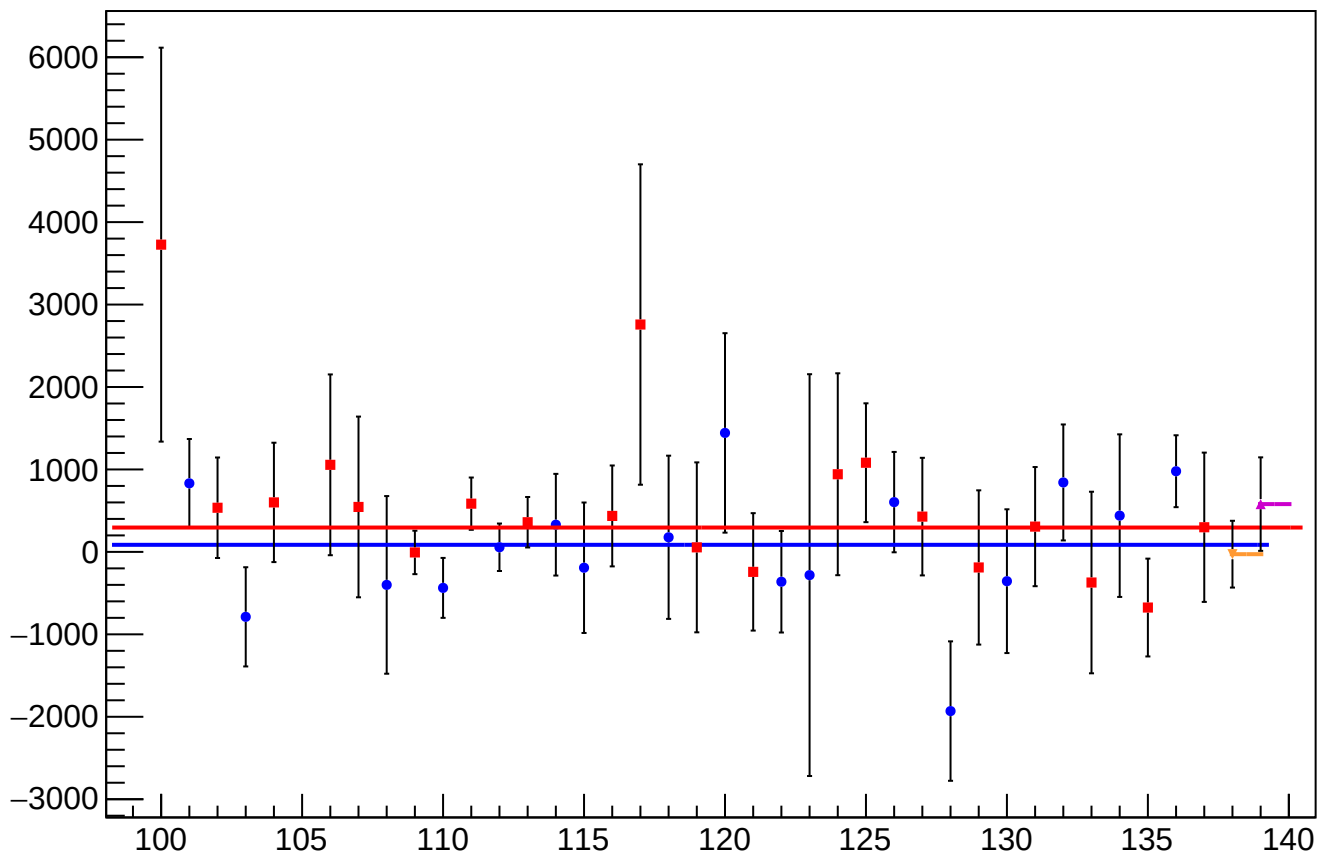
Right Out: 358.350 $\pm$ 0.067 χ^2 /NDF: 0.0/19

Left In: 400.422 $\pm$ 0.403 χ^2 /NDF: 0.0/0

358.350 $\pm$ 0.070 χ^2 /NDF: 0.0/17

359.472 $\pm$ 0.066 χ^2 /NDF: 10585.7/20

asym_sam7_mean vs Slug



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

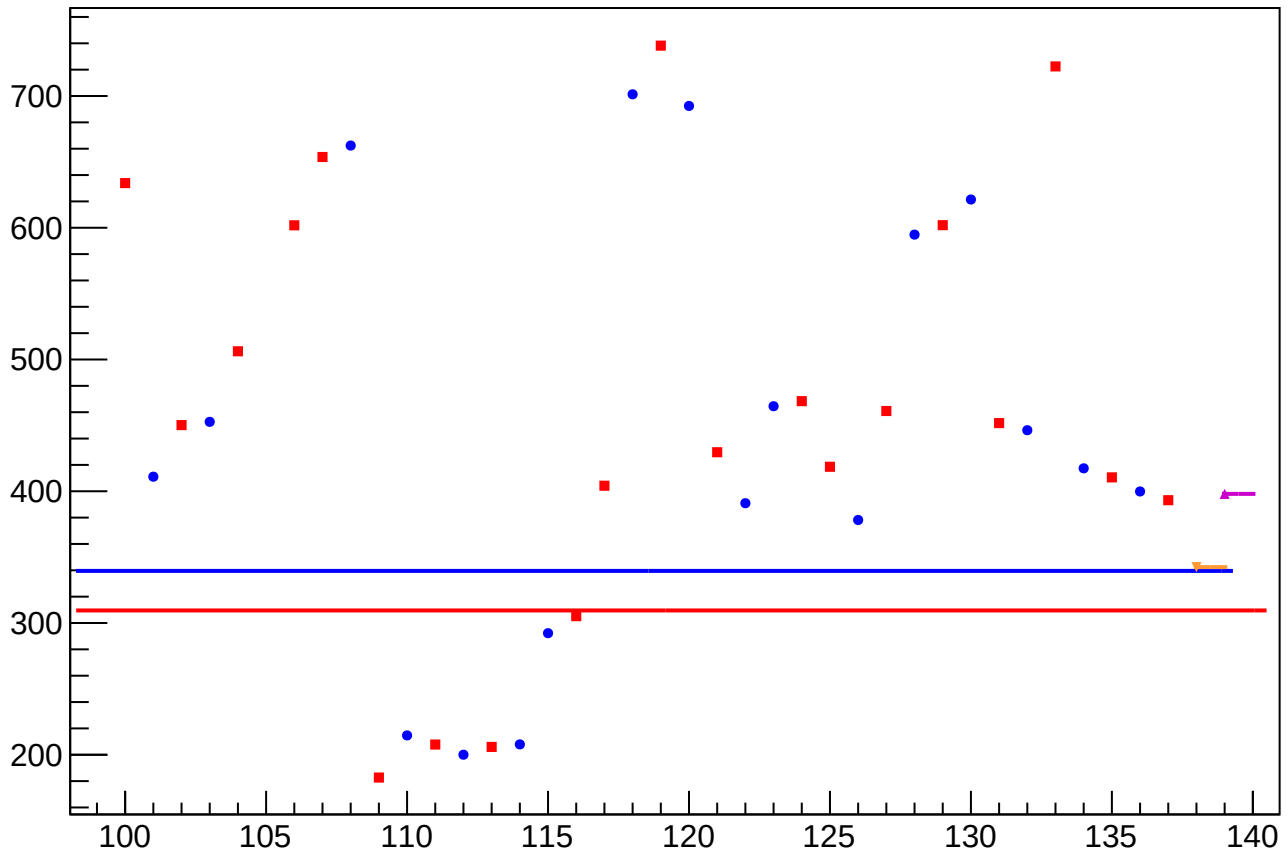
Right Out: 295.409 $\pm$ 129.312 χ^2 /NDF: 12.2/19

Left In: 579.699 $\pm$ 567.106 χ^2 /NDF: 0.0/0

73.285 $\pm$ 134.507 χ^2 /NDF: 20.6/17

309.460 $\pm$ 126.076 χ^2 /NDF: 12.5/20

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF : 2042244.1/16

Left Out: 342.411+/-0.286 χ^2/NDF : 0.0/0

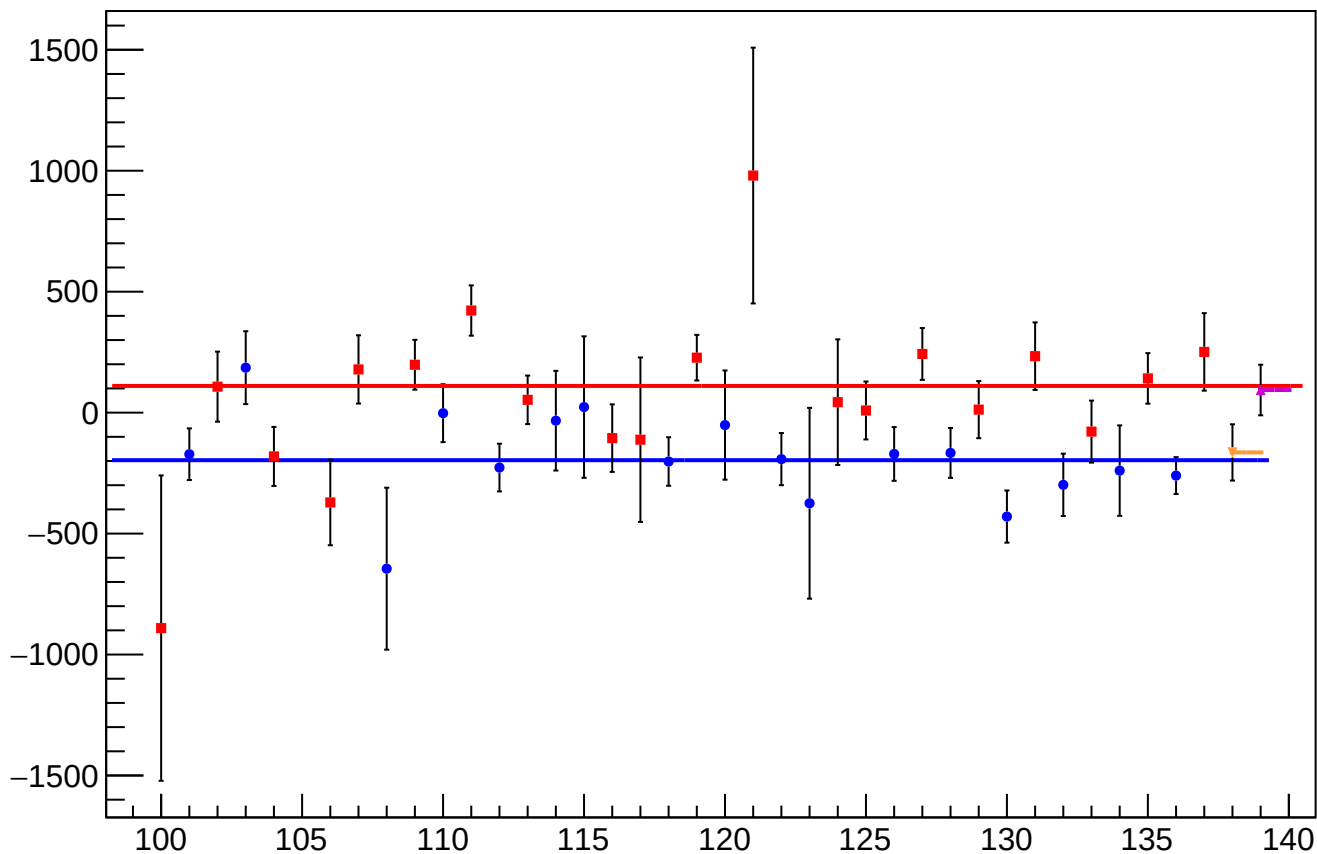
Right Out: 309.526+/-0.091 χ^2/NDF : 2735077.1/19

Left In: 398.011+/-0.401 χ^2/NDF : 0.0/0

339.868+/-0.095 χ^2/NDF : 2042332.7/17

313.899+/-0.089 χ^2/NDF : 2781360.9/20

dit_asym_sam8_mean vs Slug



Right In: -196.599+/-30.399 χ^2/NDF : 19.0/16

Left Out: -164.470+/-116.343 χ^2/NDF : 0.0/0

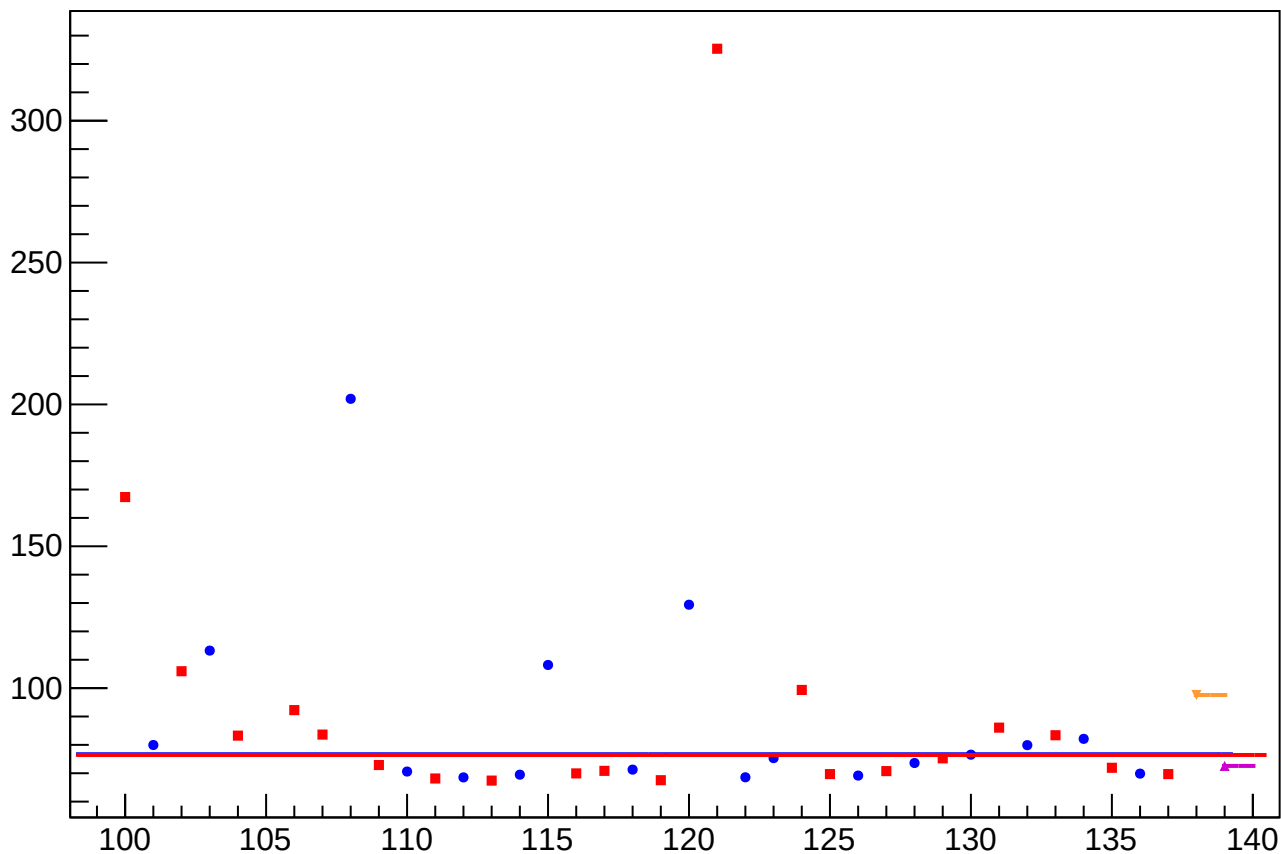
Right Out: 110.410+/-29.510 χ^2/NDF : 39.8/19

Left In: 93.502+/-104.592 χ^2/NDF : 0.0/0

-194.546+/-29.412 χ^2/NDF : 19.1/17

109.163+/-28.401 χ^2/NDF : 39.8/20

dit_asym_sam8_rms vs Slug



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

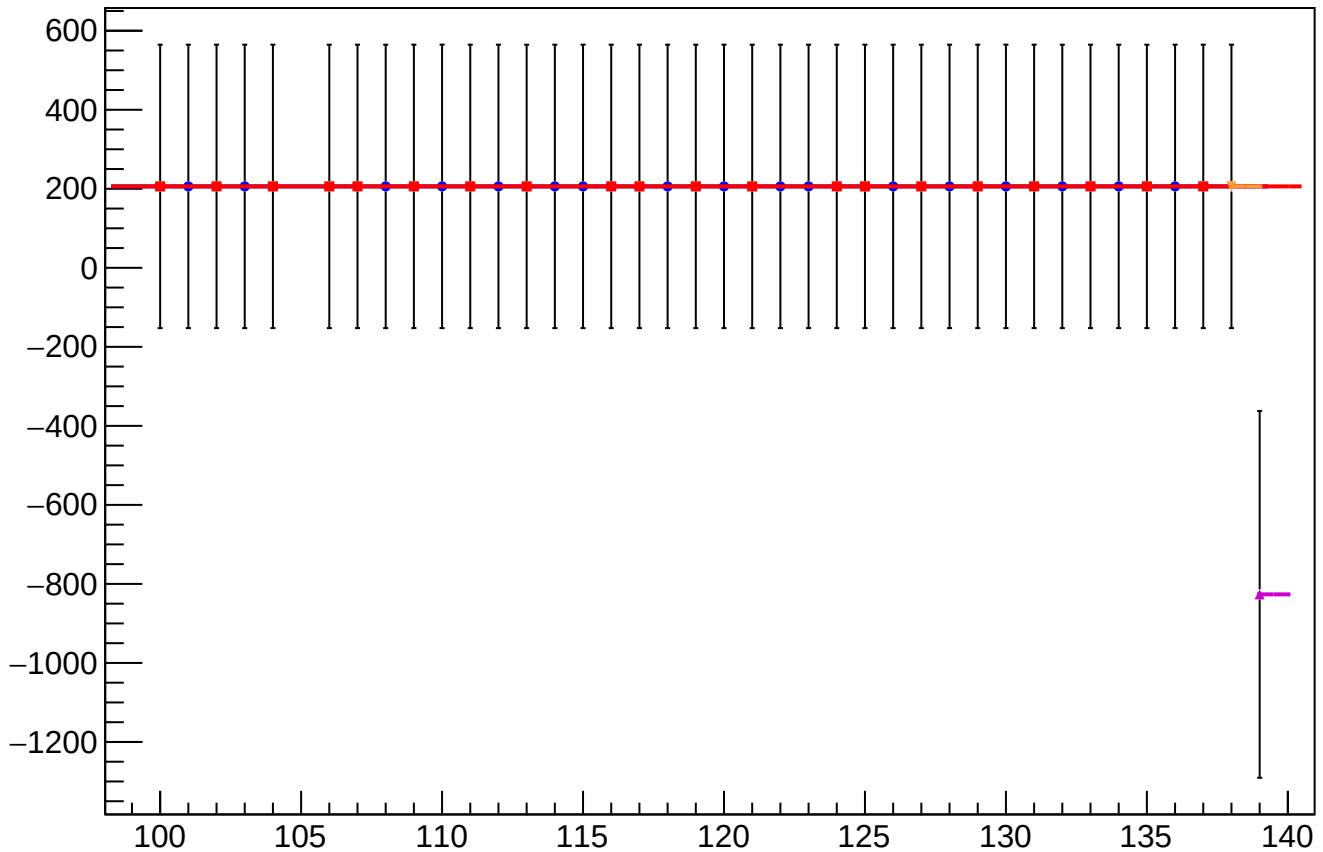
Right Out: 76.436 $\pm$ 0.021 χ^2 /NDF: 699907.3/19

Left In: 72.579 $\pm$ 0.074 χ^2 /NDF:0.0/0

78.027 $\pm$ 0.021 χ^2 /NDF: 660681.2/17

76.152 $\pm$ 0.020 χ^2 /NDF: 702426.7/20

asym_sam8_correction_mean vs Slug



Right In: 206.066+/-86.990 χ^2/NDF : 0.0/16

Left Out: 206.066+/-358.668 χ^2/NDF : 0.0/0

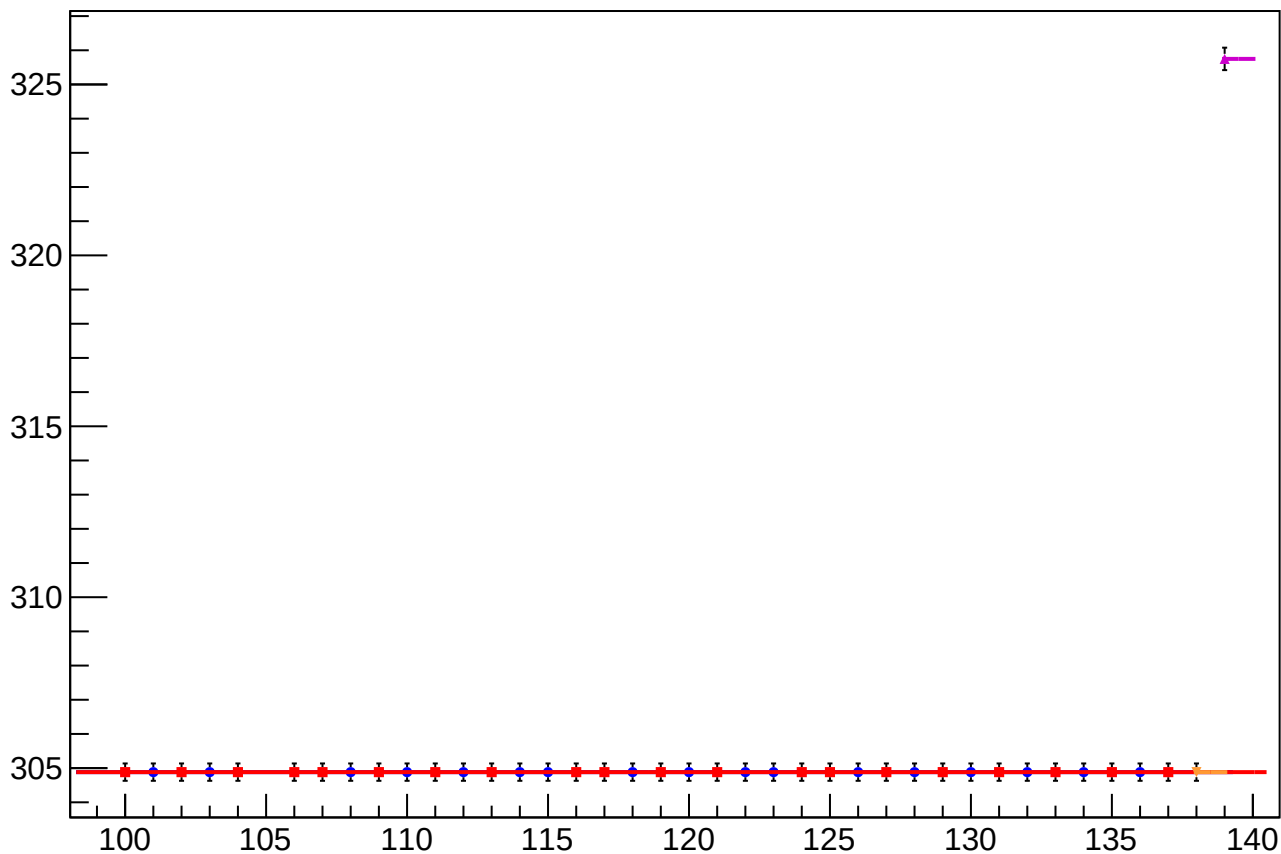
Right Out: 206.066+/-80.201 χ^2/NDF : 0.0/19

Left In: -826.461+/-464.235 χ^2/NDF : 0.0/0

206.066+/-84.539 χ^2/NDF : 0.0/17

176.143+/-79.030 χ^2/NDF : 4.8/20

asym_sam8_correction_rms vs Slug



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

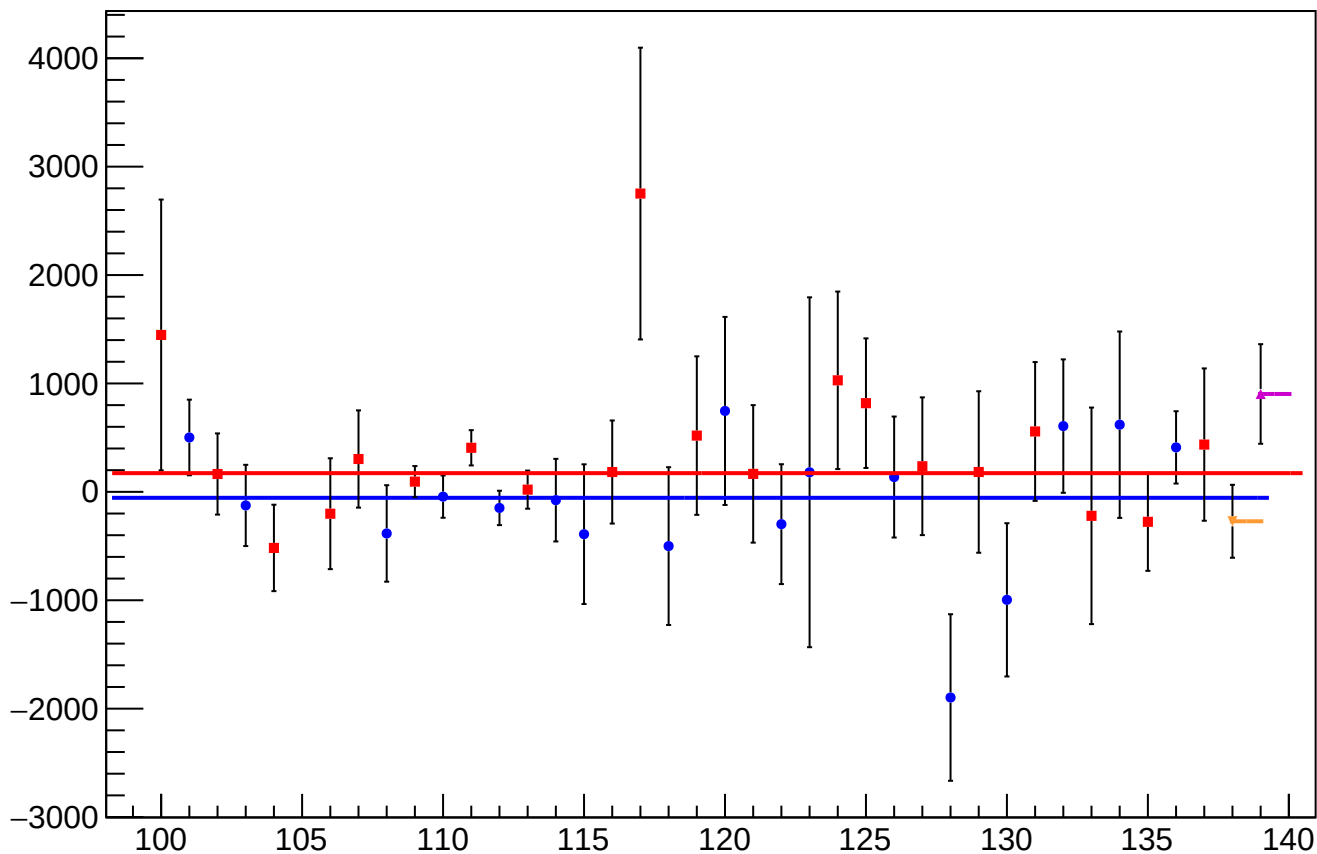
Right Out: 304.883 $\pm$ 0.057 χ^2 /NDF: 0.0/19

Left In: 325.748 $\pm$ 0.328 χ^2 /NDF: 0.0/0

304.883 $\pm$ 0.060 χ^2 /NDF: 0.0/17

305.488 $\pm$ 0.056 χ^2 /NDF: 3923.1/20

asym_sam8_mean vs Slug



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: -271.502 ± 336.444 χ^2/NDF : 0.0/0

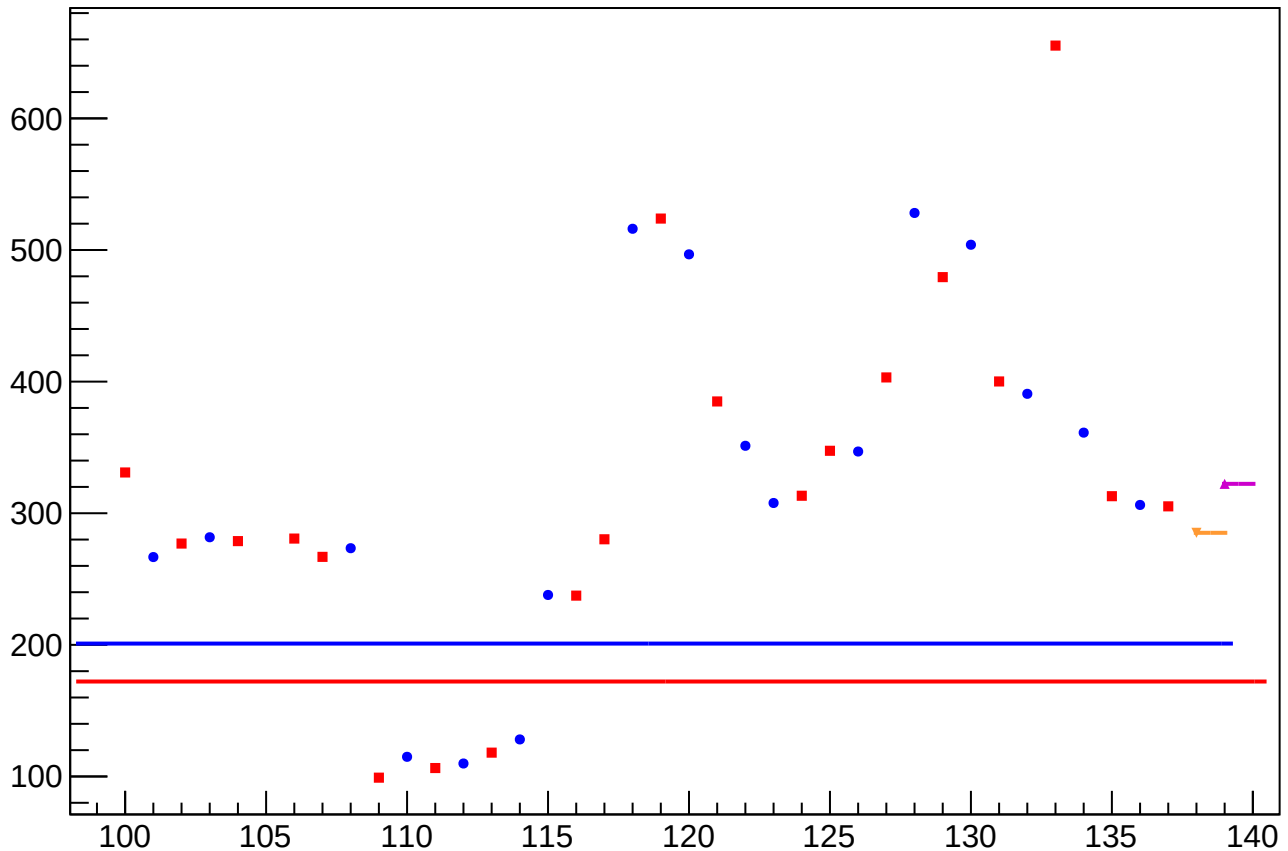
Right Out: 172.563 ± 76.778 χ^2/NDF : 15.6/19

Left In: 902.930 ± 459.328 χ^2/NDF : 0.0/0

-69.502 ± 87.263 χ^2/NDF : 16.9/17

192.414 ± 75.727 χ^2/NDF : 18.0/20

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 285.129+/-0.238 χ^2/NDF : 0.0/0

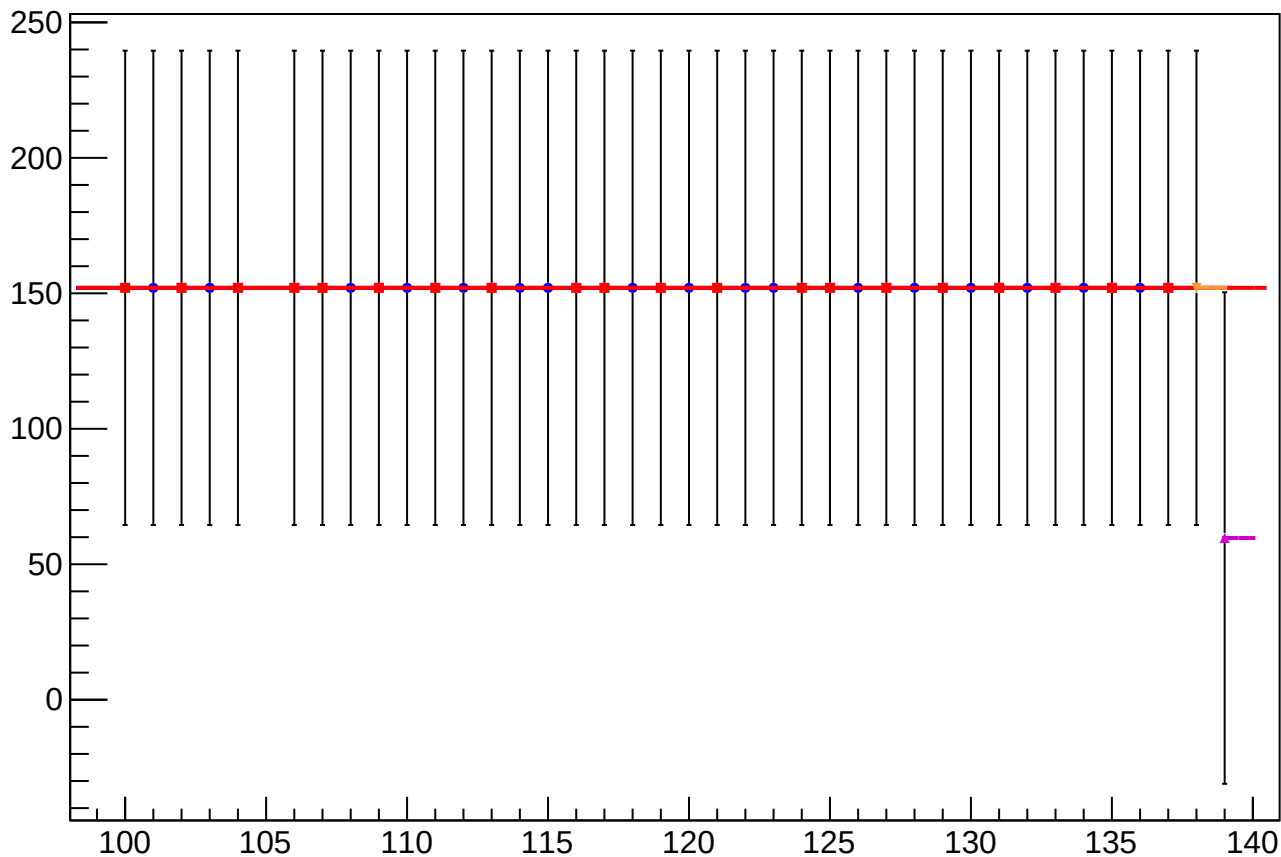
206.632+/-0.062 χ^2/NDF : 3552877.5/17

Right Out: 172.147+/-0.054 χ^2/NDF : 4105572.5/19

176.229+/-0.054 χ^2/NDF : 4313568.3/20

Left In: 322.329+/-0.325 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_mean vs Slug



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

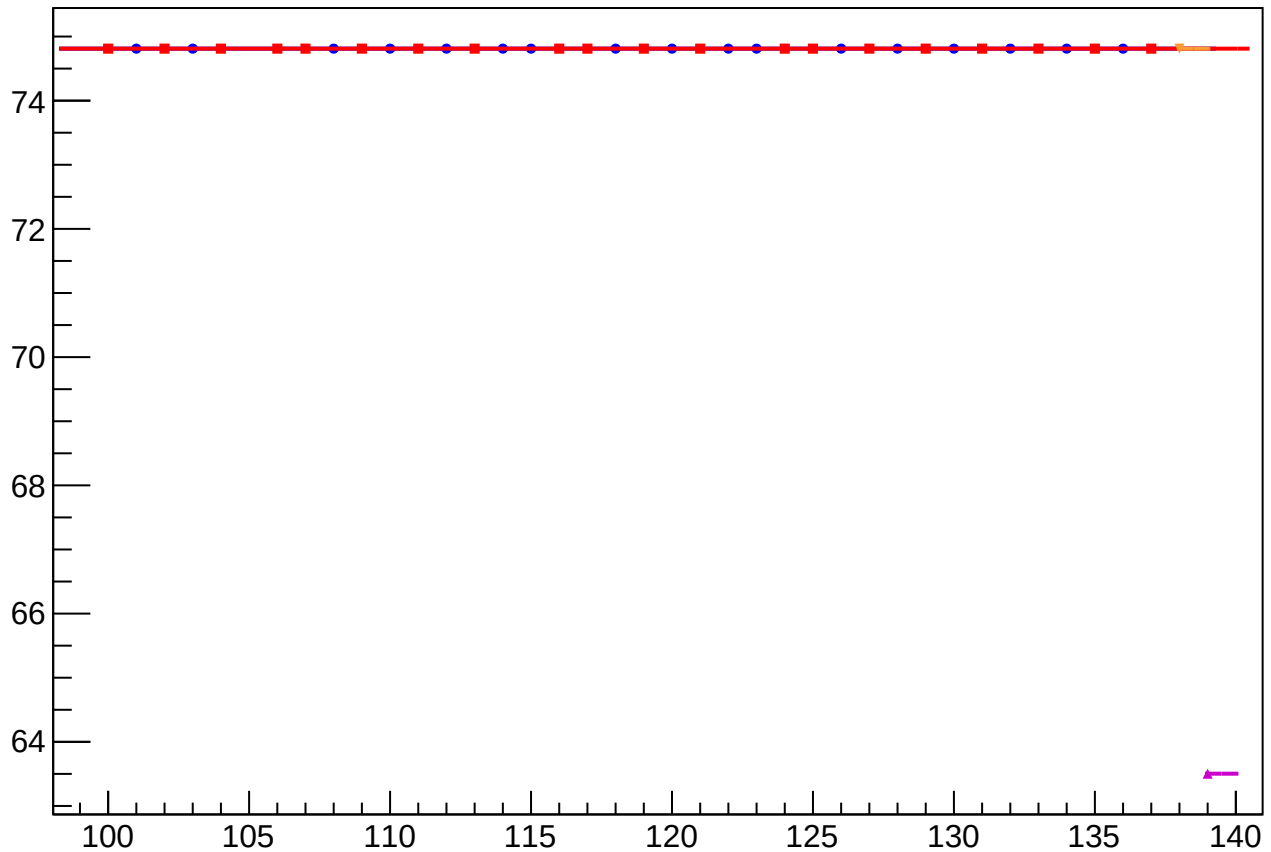
Right Out: 152.022 $\pm$ 19.574 χ^2 /NDF: 0.0/19

Left In: 59.684 $\pm$ 90.712 χ^2 /NDF: 0.0/0

152.022 $\pm$ 20.633 χ^2 /NDF: 0.0/17

147.914 $\pm$ 19.134 χ^2 /NDF: 1.0/20

dit_asym_sam_15_avg_rms vs Slug



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

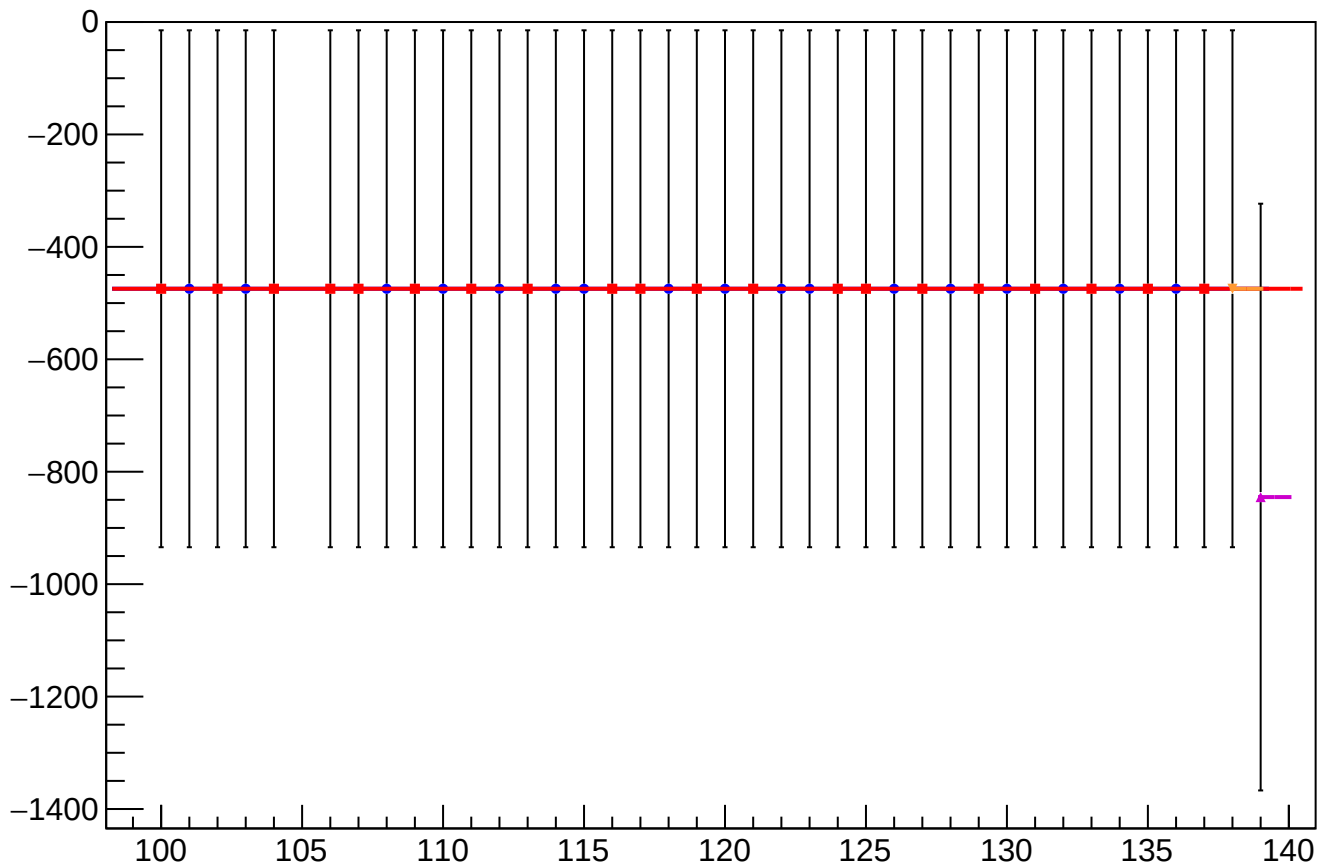
Right Out: 74.811 $\pm$ 0.014 χ^2 /NDF: 0.0/19

Left In: 63.503 $\pm$ 0.064 χ^2 /NDF: 0.0/0

74.811 $\pm$ 0.015 χ^2 /NDF: 0.0/17

74.308 $\pm$ 0.014 χ^2 /NDF: 29695.8/20

asym_sam_15_avg_correction_mean vs Slug



Right In: -474.517+/-111.515 χ^2/NDF : 0.0/16

Left Out: -474.517+/-459.787 χ^2/NDF : 0.0/0

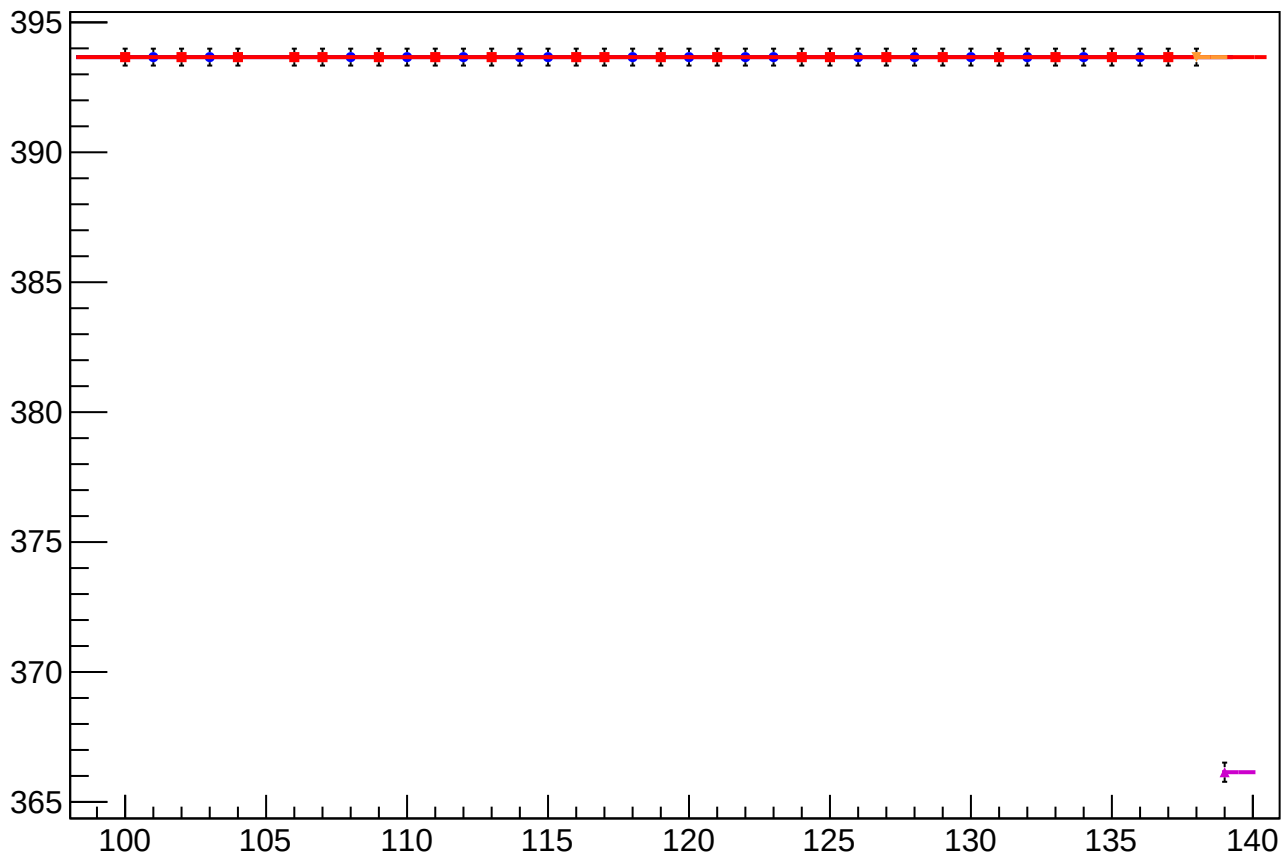
Right Out: -474.517+/-102.812 χ^2/NDF : 0.0/19

Left In: -845.094+/-521.890 χ^2/NDF : 0.0/0

-474.517+/-108.373 χ^2/NDF : 0.0/17

-488.362+/-100.873 χ^2/NDF : 0.5/20

asym_sam_15_avg_correction_rms vs Slug



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

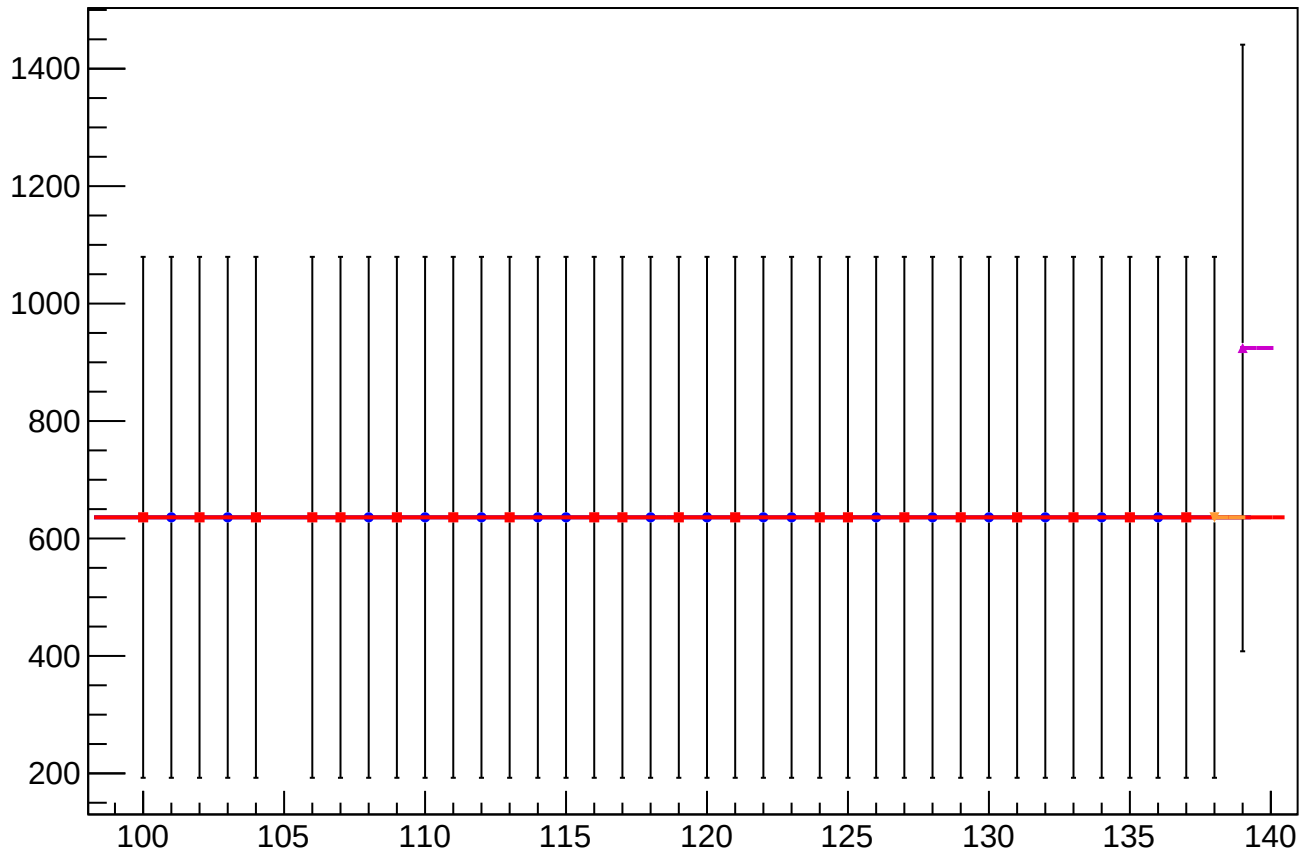
Right Out: 393.663 $\pm$ 0.073 χ^2 /NDF: 0.0/19

Left In: 366.144 $\pm$ 0.369 χ^2 /NDF: 0.0/0

393.663 $\pm$ 0.077 χ^2 /NDF: 0.0/17

392.635 $\pm$ 0.071 χ^2 /NDF: 5353.1/20

asym_sam_15_avg_mean vs Slug



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

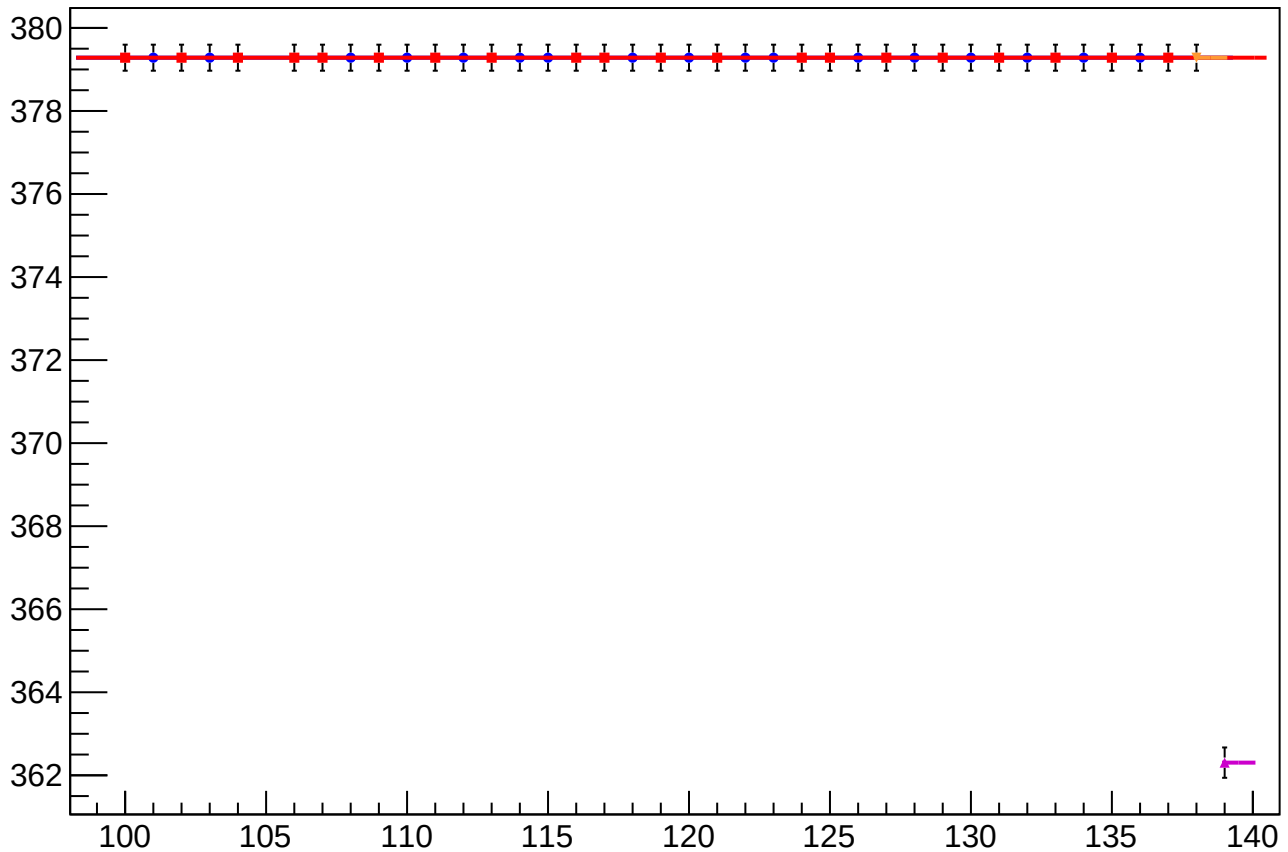
Right Out: 636.038 $\pm$ 99.181 χ^2 /NDF: 0.0/19

Left In: 924.396 $\pm$ 516.503 χ^2 /NDF: 0.0/0

636.038 $\pm$ 104.546 χ^2 /NDF: 0.0/17

646.293 $\pm$ 97.402 χ^2 /NDF: 0.3/20

asym_sam_15_avg_rms vs Slug



Right In: 379.283+/-0.076 χ^2/NDF : 0.0/16

Left Out: 379.283+/-0.314 χ^2/NDF : 0.0/0

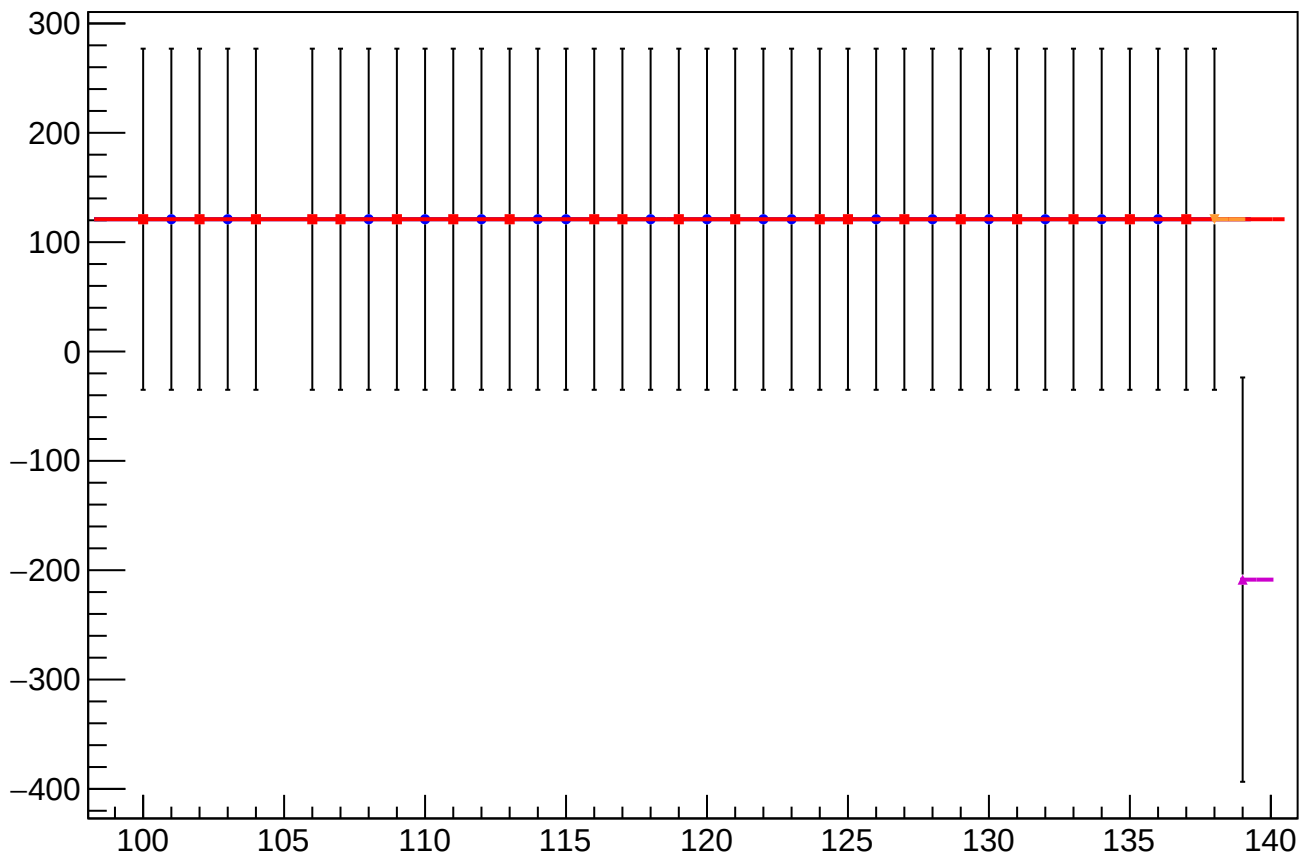
Right Out: 379.283+/-0.070 χ^2/NDF : 0.0/19

Left In: 362.305+/-0.365 χ^2/NDF : 0.0/0

379.283+/-0.074 χ^2/NDF : 0.0/17

378.679+/-0.069 χ^2/NDF : 2084.1/20

dit_asym_sam_26_avg_mean vs Slug



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

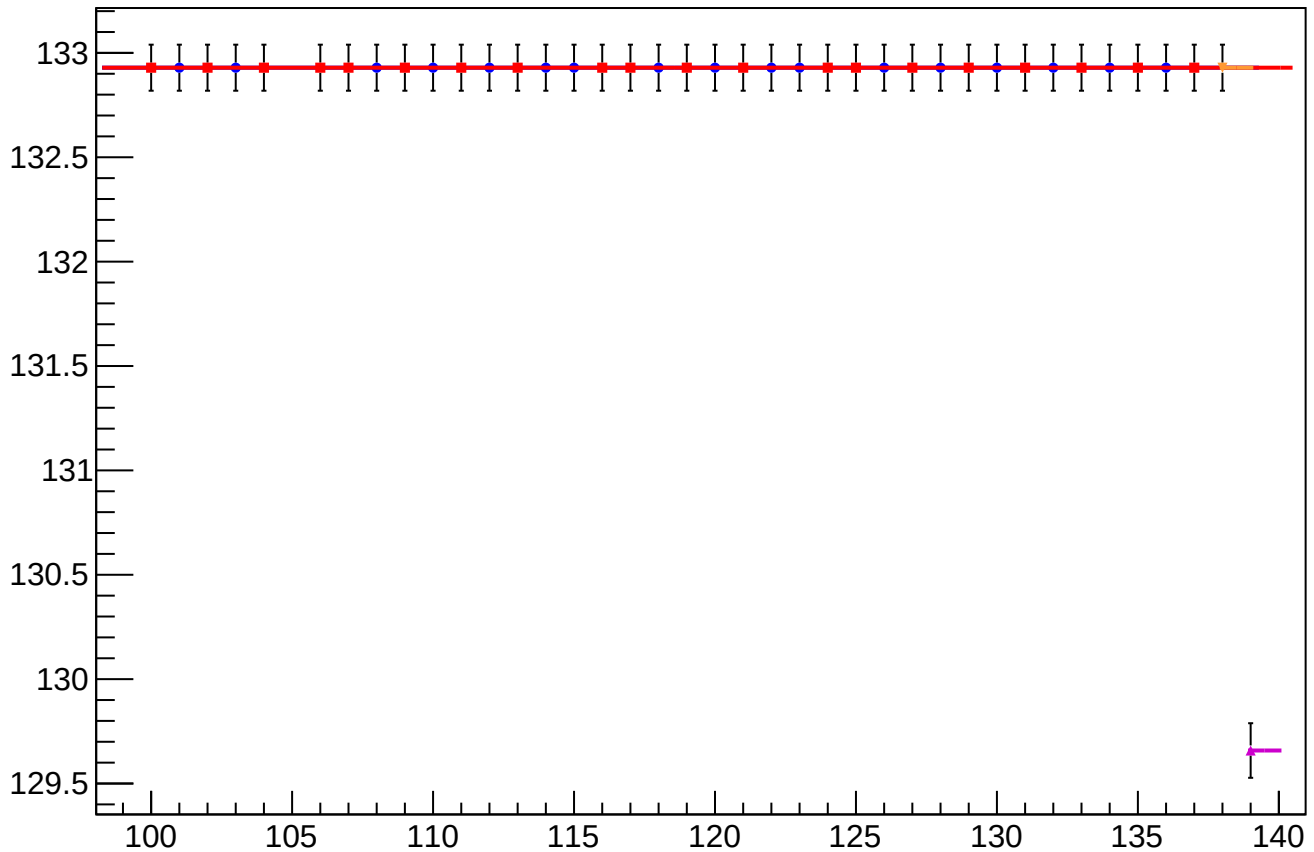
Right Out: 120.964 $\pm$ 34.880 χ^2 /NDF: 0.0/19

Left In: -208.622 $\pm$ 184.884 χ^2 /NDF:0.0/0

120.964 $\pm$ 36.766 χ^2 /NDF: 0.0/17

109.637 $\pm$ 34.275 χ^2 /NDF: 3.1/20

dit_asym_sam_26_avg_rms vs Slug



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

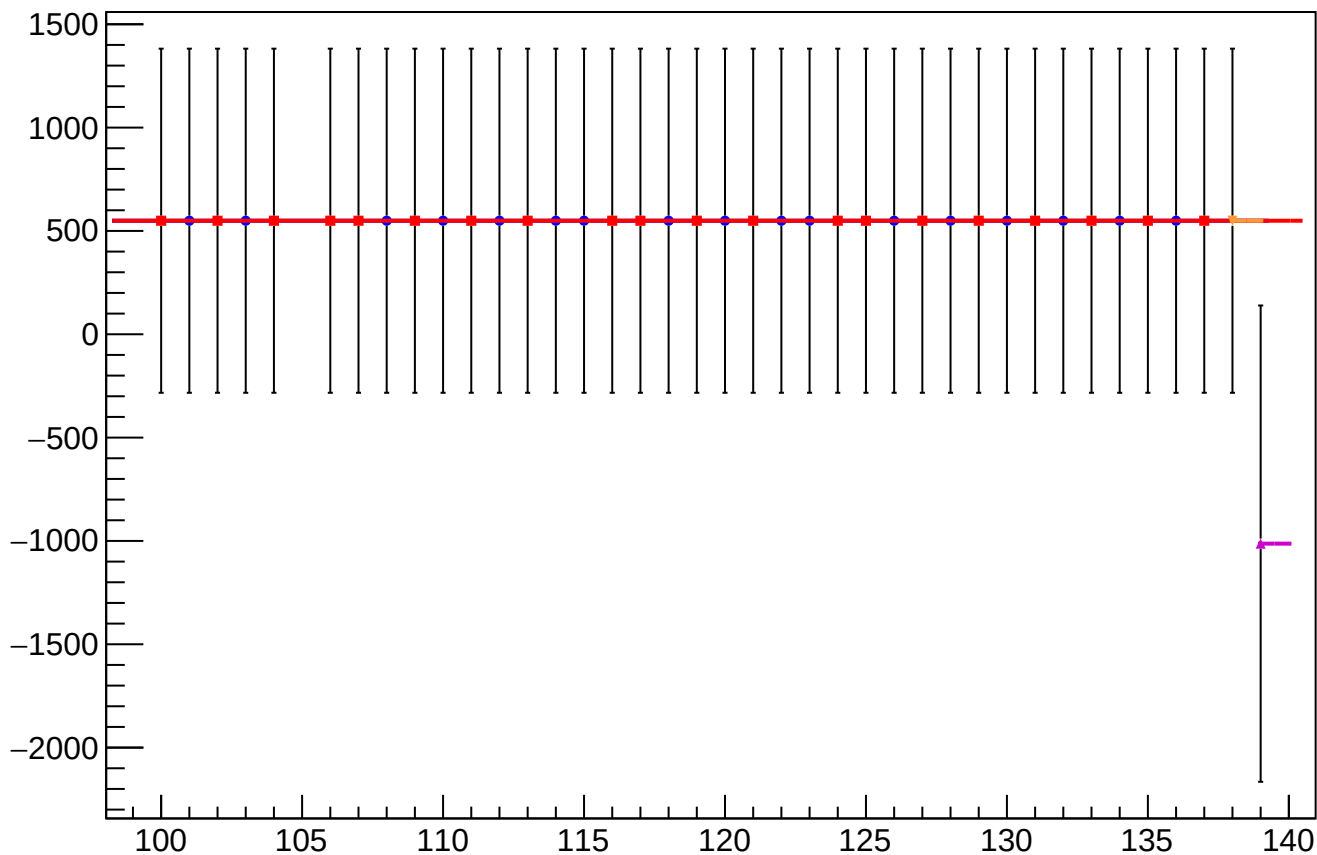
Right Out: 132.929 $\pm$ 0.025 χ^2 /NDF: 0.0/19

Left In: 129.658 $\pm$ 0.131 χ^2 /NDF:0.0/0

132.929 $\pm$ 0.026 χ^2 /NDF: 0.0/17

132.817 $\pm$ 0.024 χ^2 /NDF: 604.5/20

asym_sam_26_avg_correction_mean vs Slug



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

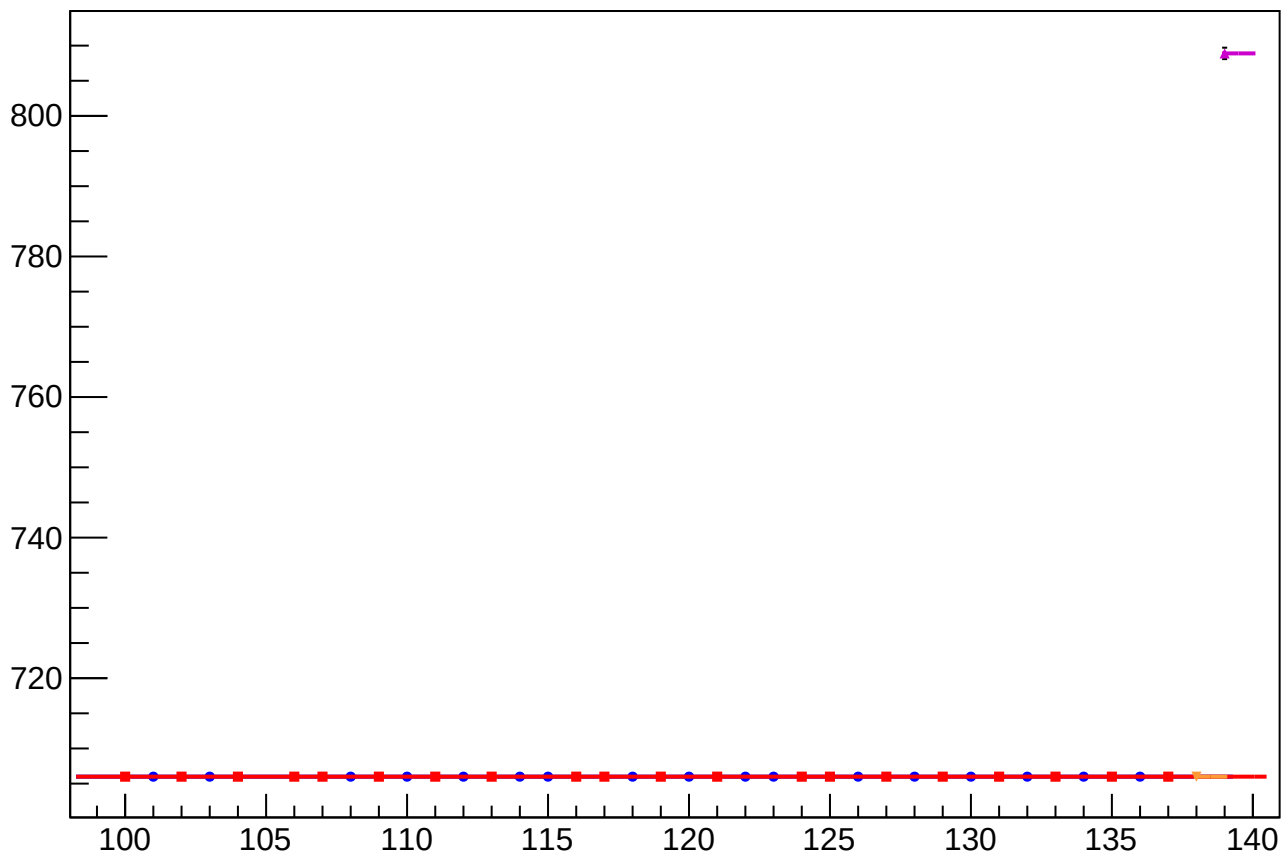
Right Out: 549.374 $\pm$ 186.156 χ^2/NDF : 0.0/19

Left In: -1013.133 $\pm$ 1152.355 χ^2/NDF : 0.0/0

549.374 $\pm$ 196.225 χ^2/NDF : 0.0/17

509.635 $\pm$ 183.773 χ^2/NDF : 1.8/20

asym_sam_26_avg_correction_rms vs Slug



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

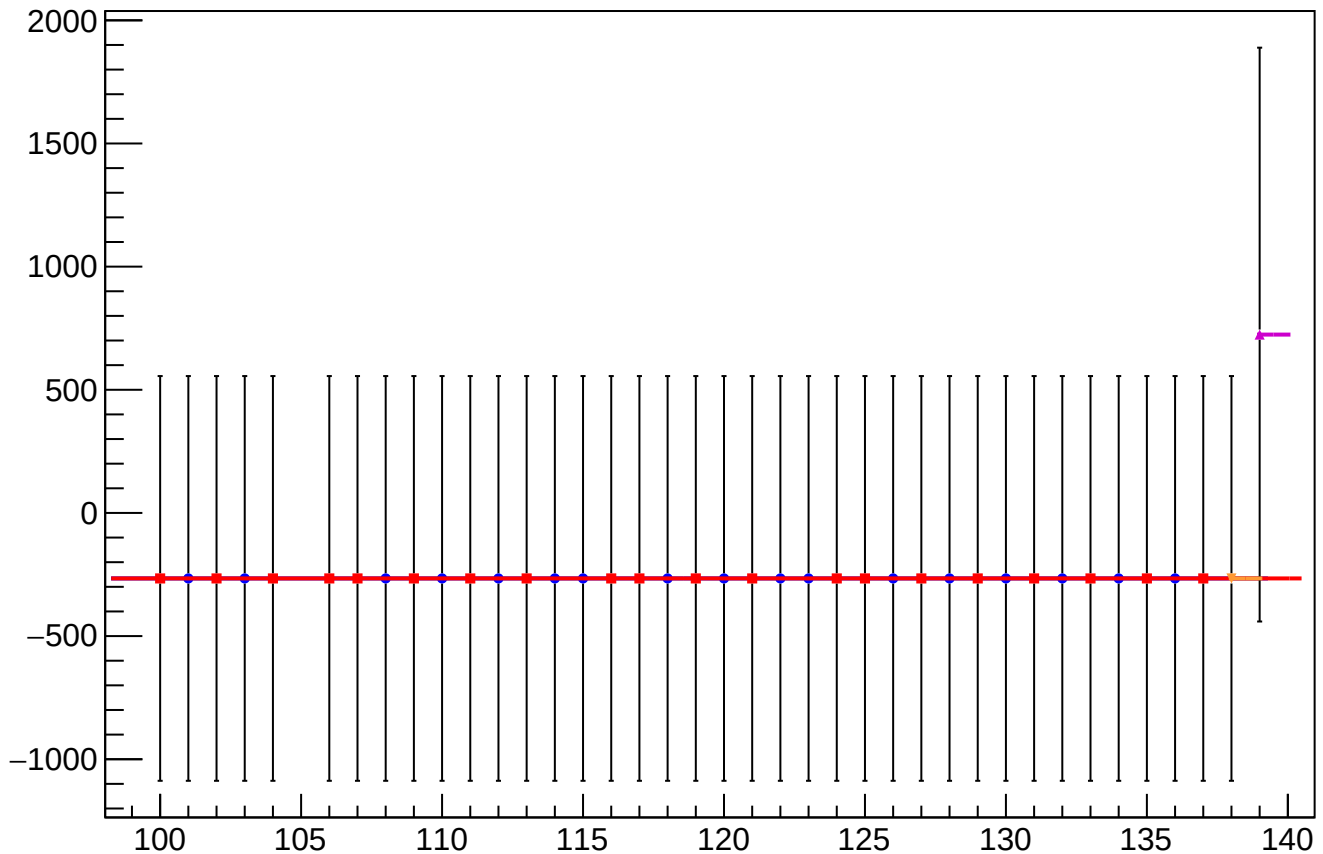
Right Out: 705.989 $\pm$ 0.132 χ^2 /NDF: 0.0/19

Left In: 808.894 $\pm$ 0.815 χ^2 /NDF: 0.0/0

705.989 $\pm$ 0.139 χ^2 /NDF: 0.0/17

708.606 $\pm$ 0.130 χ^2 /NDF: 15543.2/20

asym_sam_26_avg_mean vs Slug



Right In: -265.915+/-199.276 χ^2/NDF : 0.0/16

Left Out: -265.915+/-821.637 χ^2/NDF : 0.0/0

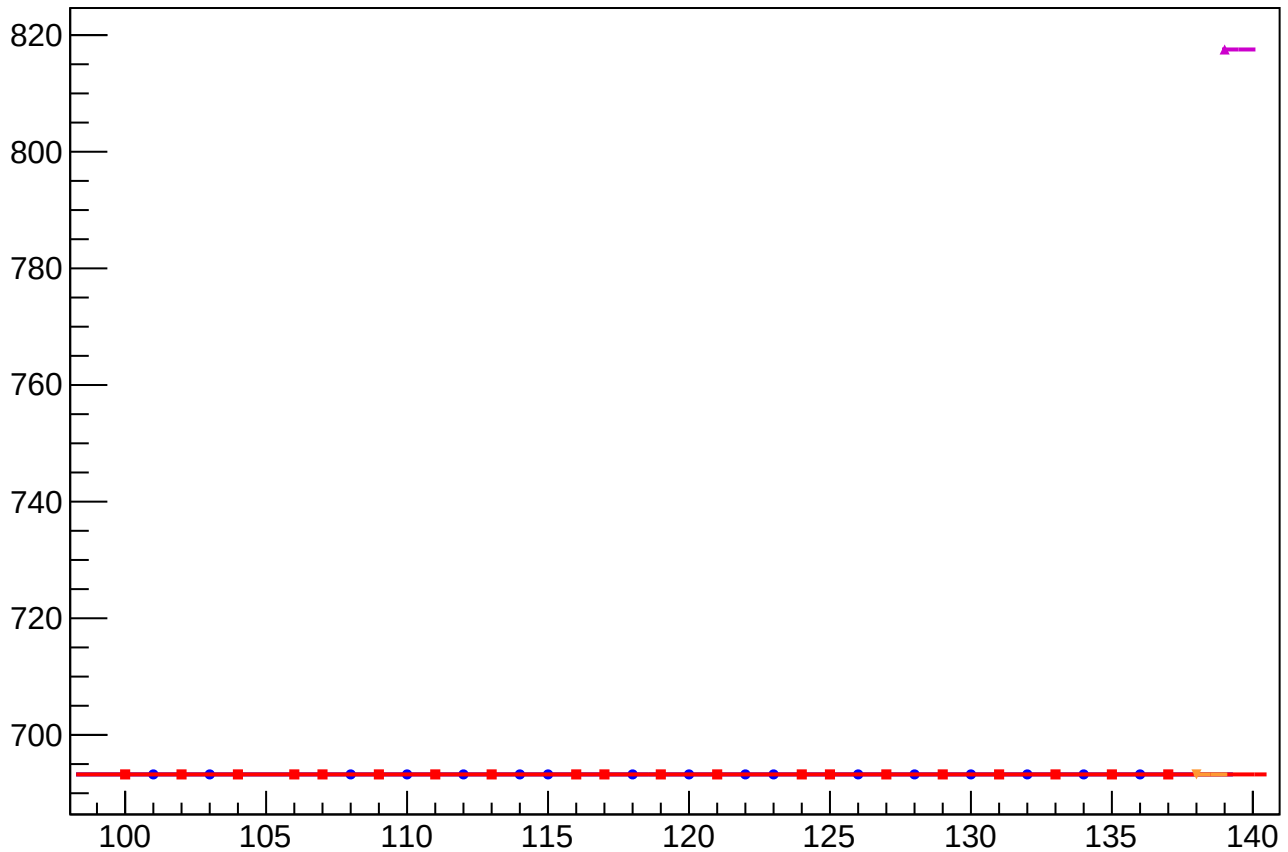
Right Out: -265.915+/-183.724 χ^2/NDF : 0.0/19

Left In: 724.080+/-1164.912 χ^2/NDF : 0.0/0

-265.915+/-193.662 χ^2/NDF : 0.0/17

-241.888+/-181.480 χ^2/NDF : 0.7/20

asym_sam_26_avg_rms vs Slug



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

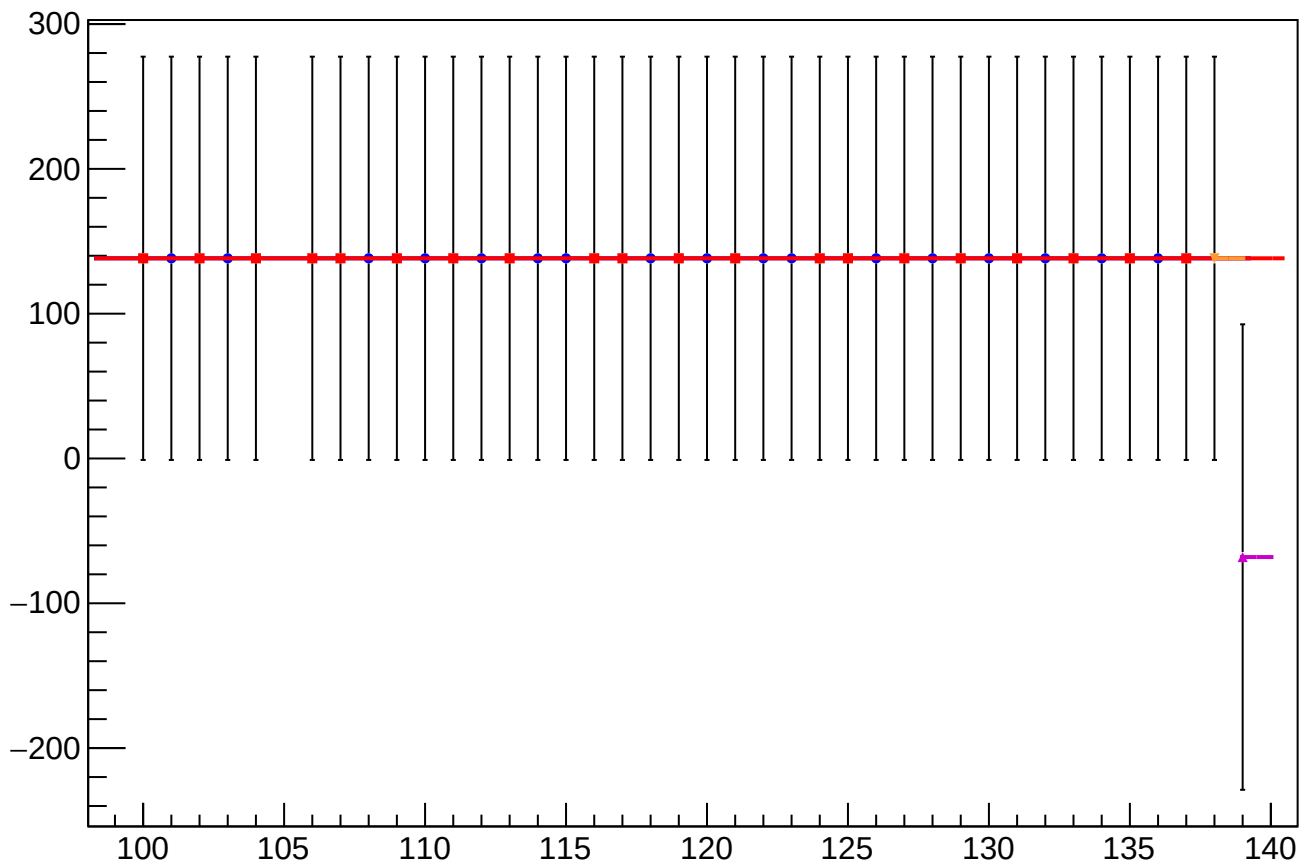
Right Out: 693.227 $\pm$ 0.130 χ^2 /NDF: 0.0/19

Left In: 817.536 $\pm$ 0.824 χ^2 /NDF: 0.0/0

693.227 $\pm$ 0.137 χ^2 /NDF: 0.0/17

696.244 $\pm$ 0.128 χ^2 /NDF: 22221.7/20

dit_asym_sam_37_avg_mean vs Slug



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

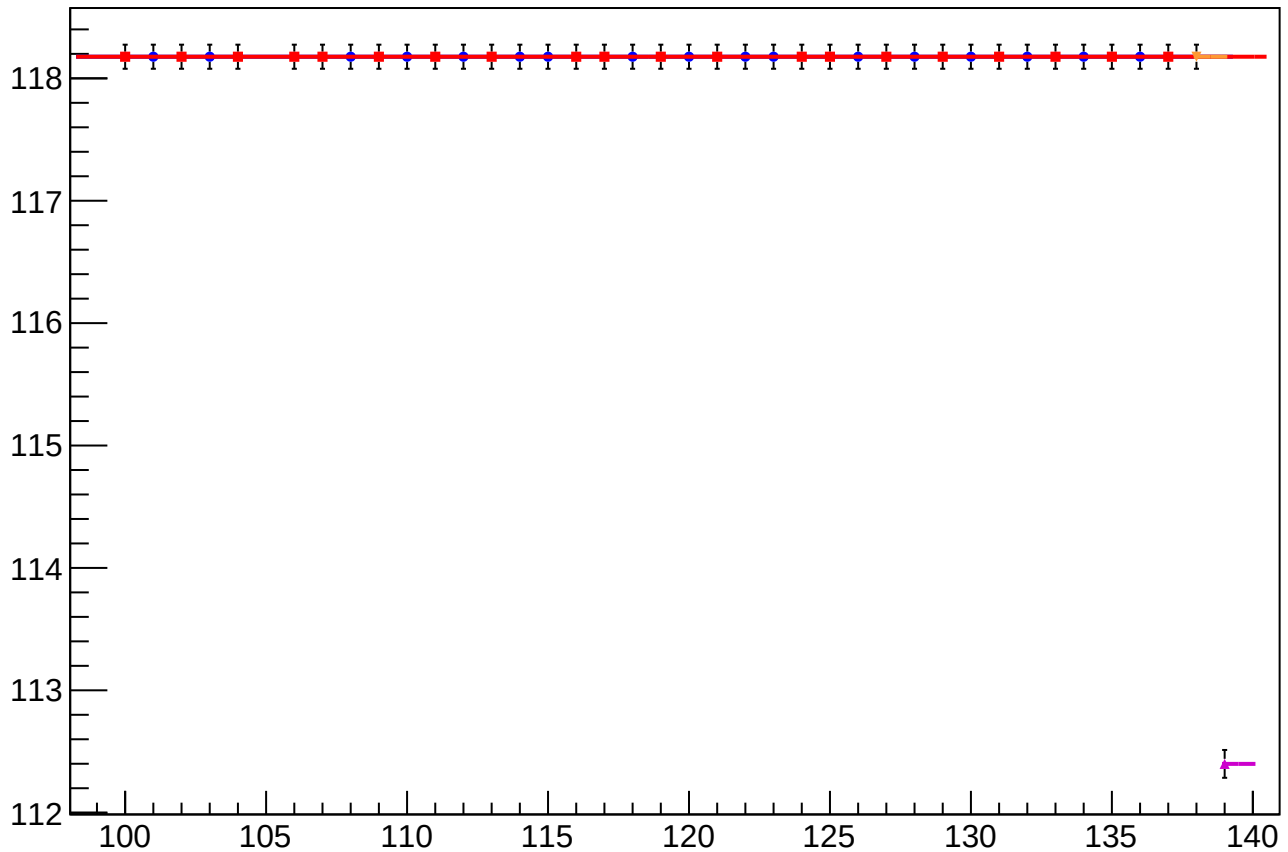
Right Out: 138.233 $\pm$ 31.138 χ^2 /NDF: 0.0/19

Left In: -68.075 $\pm$ 160.733 χ^2 /NDF:0.0/0

138.233 $\pm$ 32.822 χ^2 /NDF: 0.0/17

130.771 $\pm$ 30.569 χ^2 /NDF: 1.6/20

dit_asym_sam_37_avg_rms vs Slug



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

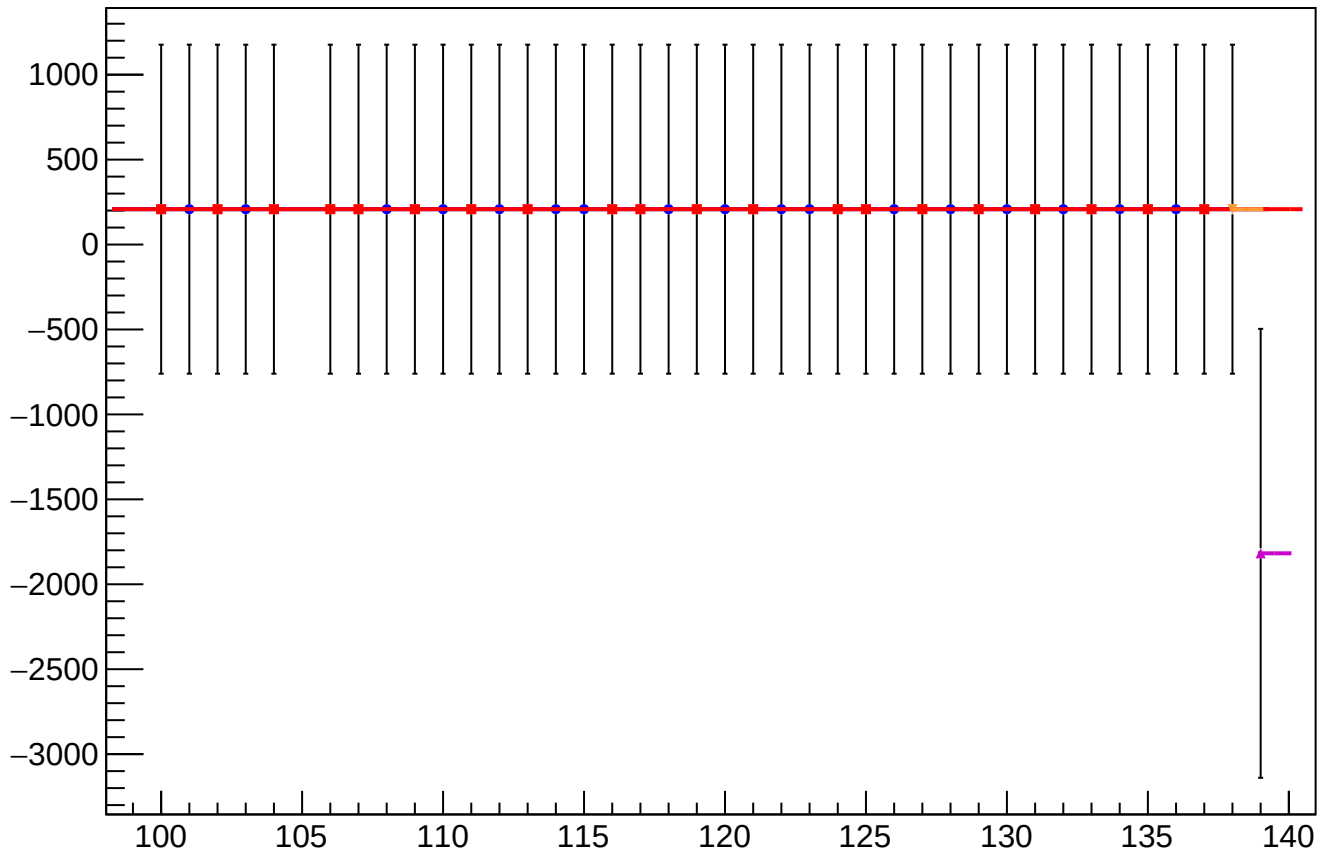
Right Out: 118.177 $\pm$ 0.022 χ^2 /NDF: 0.0/19

Left In: 112.399 $\pm$ 0.114 χ^2 /NDF: 0.0/0

118.177 $\pm$ 0.023 χ^2 /NDF: 0.0/17

117.968 $\pm$ 0.022 χ^2 /NDF: 2490.9/20

asym_sam_37_avg_correction_mean vs Slug



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

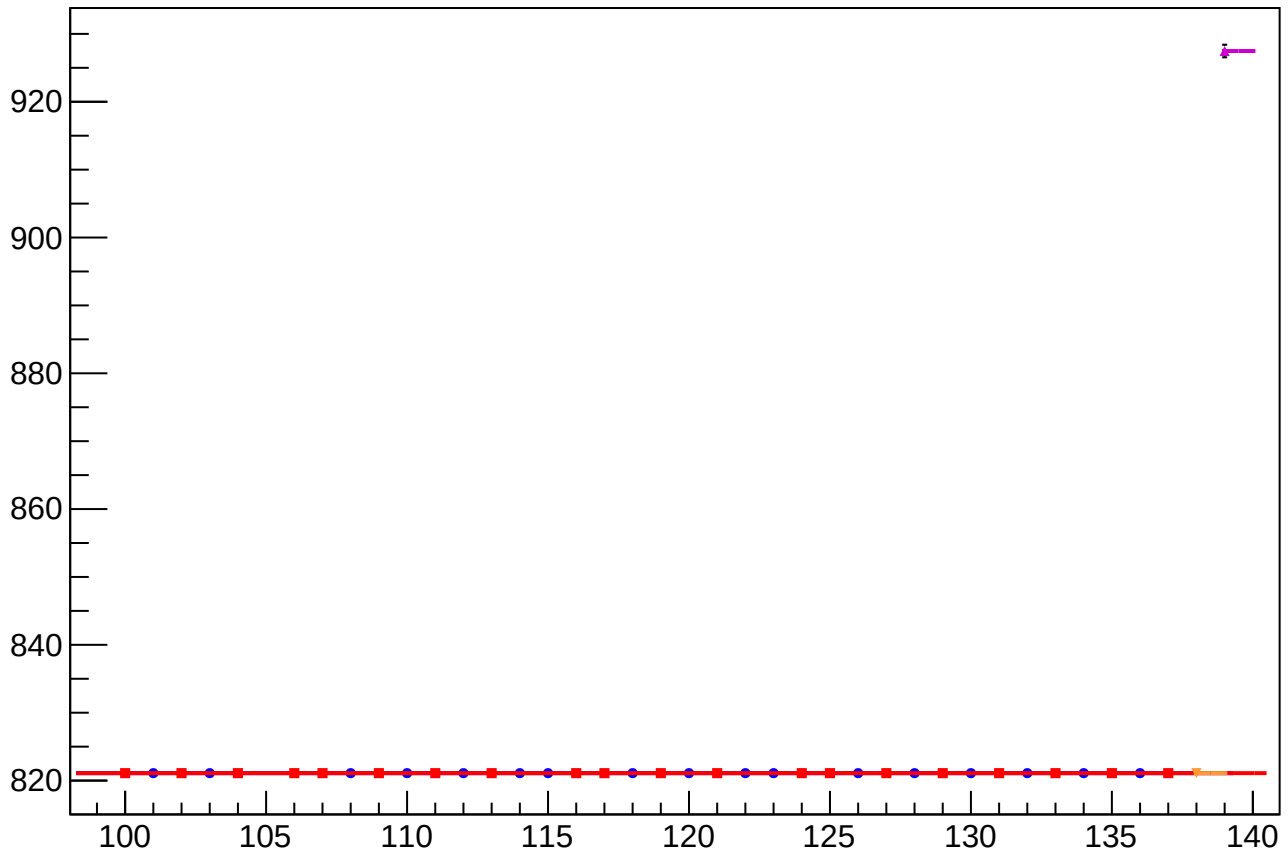
Right Out: 208.161 $\pm$ 216.568 χ^2 /NDF: 0.0/19

Left In: -1817.813 $\pm$ 1321.502 χ^2 /NDF:0.0/0

208.161 $\pm$ 228.283 χ^2 /NDF: 0.0/17

155.173 $\pm$ 213.717 χ^2 /NDF: 2.3/20

asym_sam_37_avg_correction_rms vs Slug



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

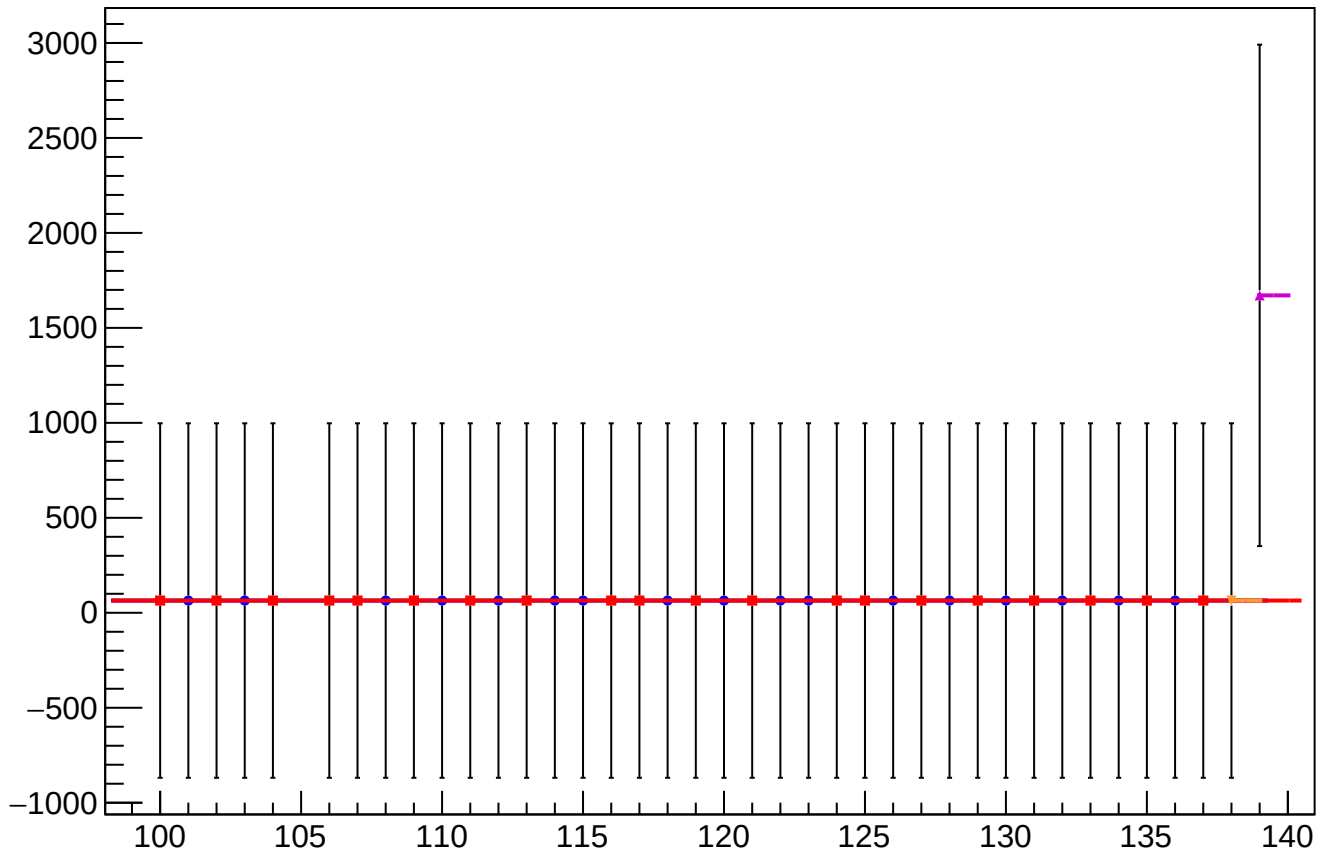
Right Out: 821.097 $\pm$ 0.153 χ^2 /NDF: 0.0/19

Left In: 927.477 $\pm$ 0.934 χ^2 /NDF: 0.0/0

821.097 $\pm$ 0.161 χ^2 /NDF: 0.0/17

823.879 $\pm$ 0.151 χ^2 /NDF: 12621.3/20

asym_sam_37_avg_mean vs Slug



Right In: 64.417+/-226.336 χ^2/NDF : 0.0/16

Left Out: 64.417+/-933.207 χ^2/NDF : 0.0/0

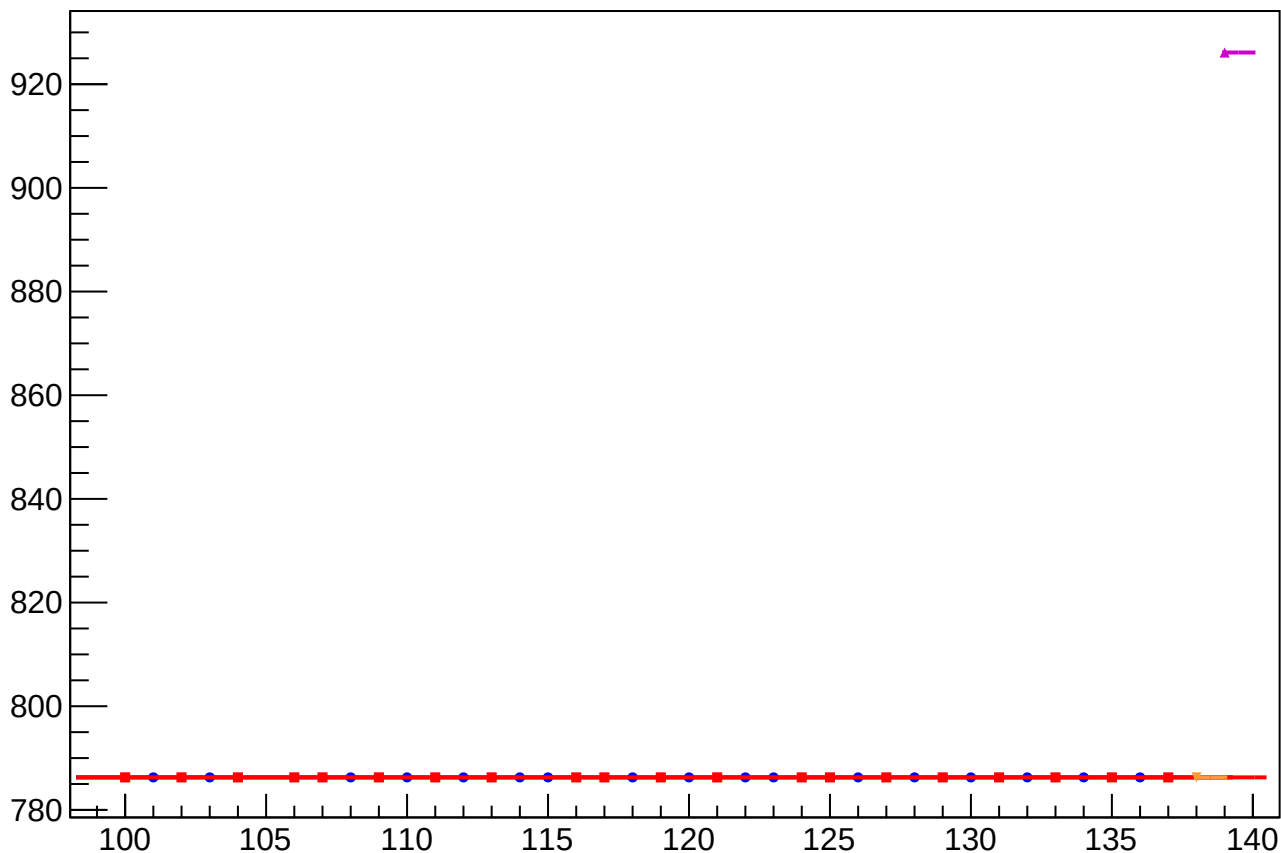
Right Out: 64.417+/-208.671 χ^2/NDF : 0.0/19

Left In: 1671.104+/-1319.982 χ^2/NDF : 0.0/0

64.417+/-219.959 χ^2/NDF : 0.0/17

103.591+/-206.112 χ^2/NDF : 1.4/20

asym_sam_37_avg_rms vs Slug



Right In: 786.276+/-0.160 χ^2/NDF : 0.0/16

Left Out: 786.276+/-0.660 χ^2/NDF : 0.0/0

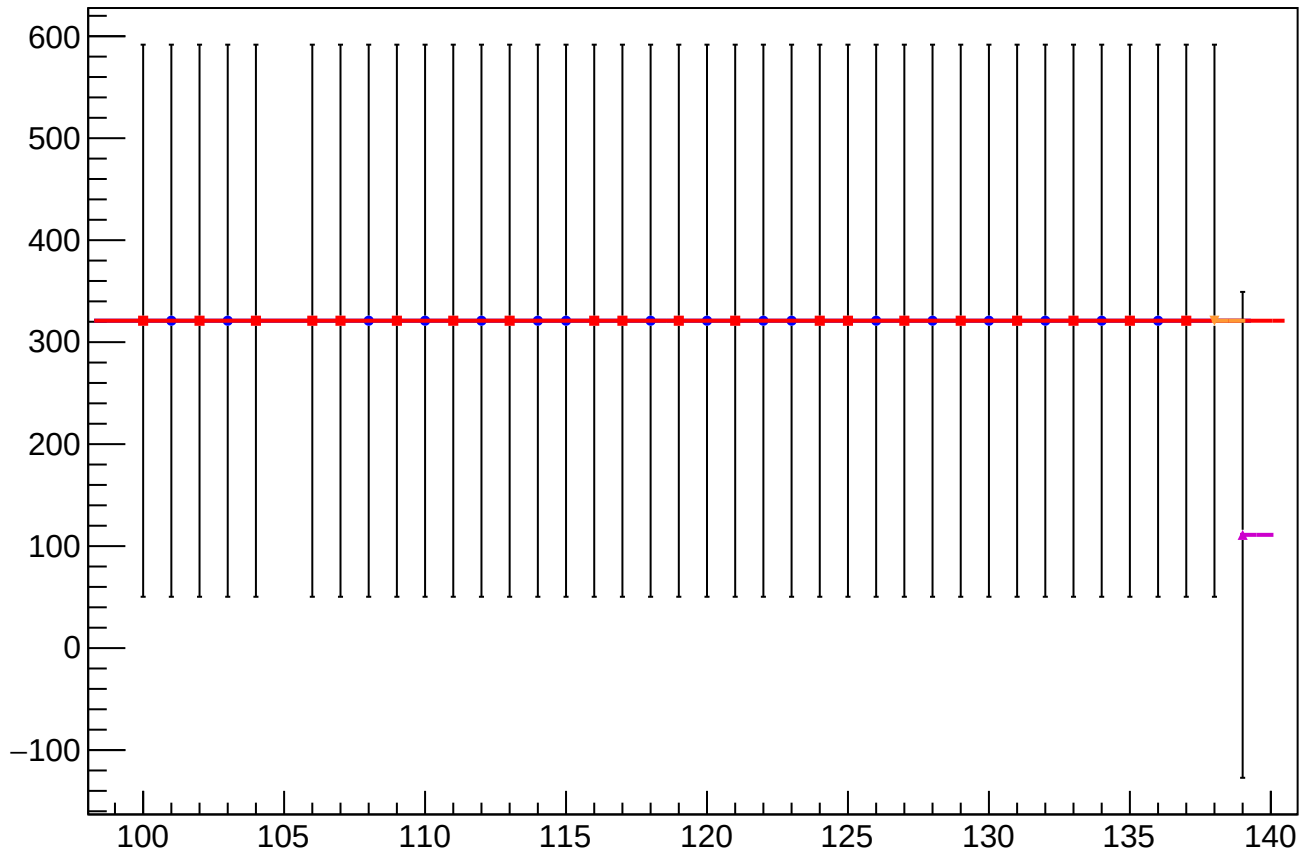
Right Out: 786.276+/-0.148 χ^2/NDF : 0.0/19

Left In: 926.116+/-0.933 χ^2/NDF : 0.0/0

786.276+/-0.156 χ^2/NDF : 0.0/17

789.685+/-0.146 χ^2/NDF : 21899.6/20

dit_asym_sam_48_avg_mean vs Slug



Right In: 321.021+/-65.653 χ^2/NDF : 0.0/16

Left Out: 321.021+/-270.693 χ^2/NDF : 0.0/0

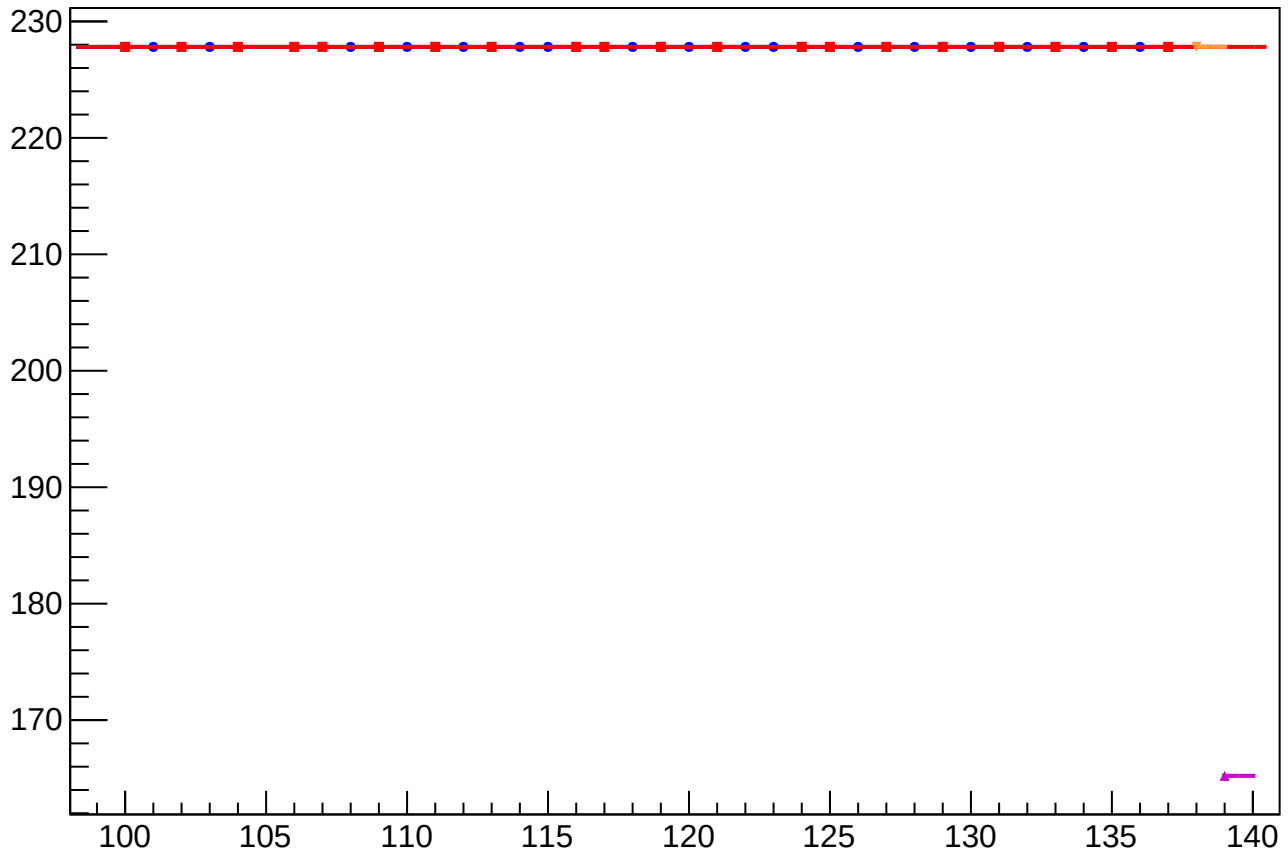
Right Out: 321.021+/-60.529 χ^2/NDF : 0.0/19

Left In: 111.052+/-238.234 χ^2/NDF : 0.0/0

321.021+/-63.803 χ^2/NDF : 0.0/17

308.288+/-58.665 χ^2/NDF : 0.7/20

dit_asym_sam_48_avg_rms vs Slug



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

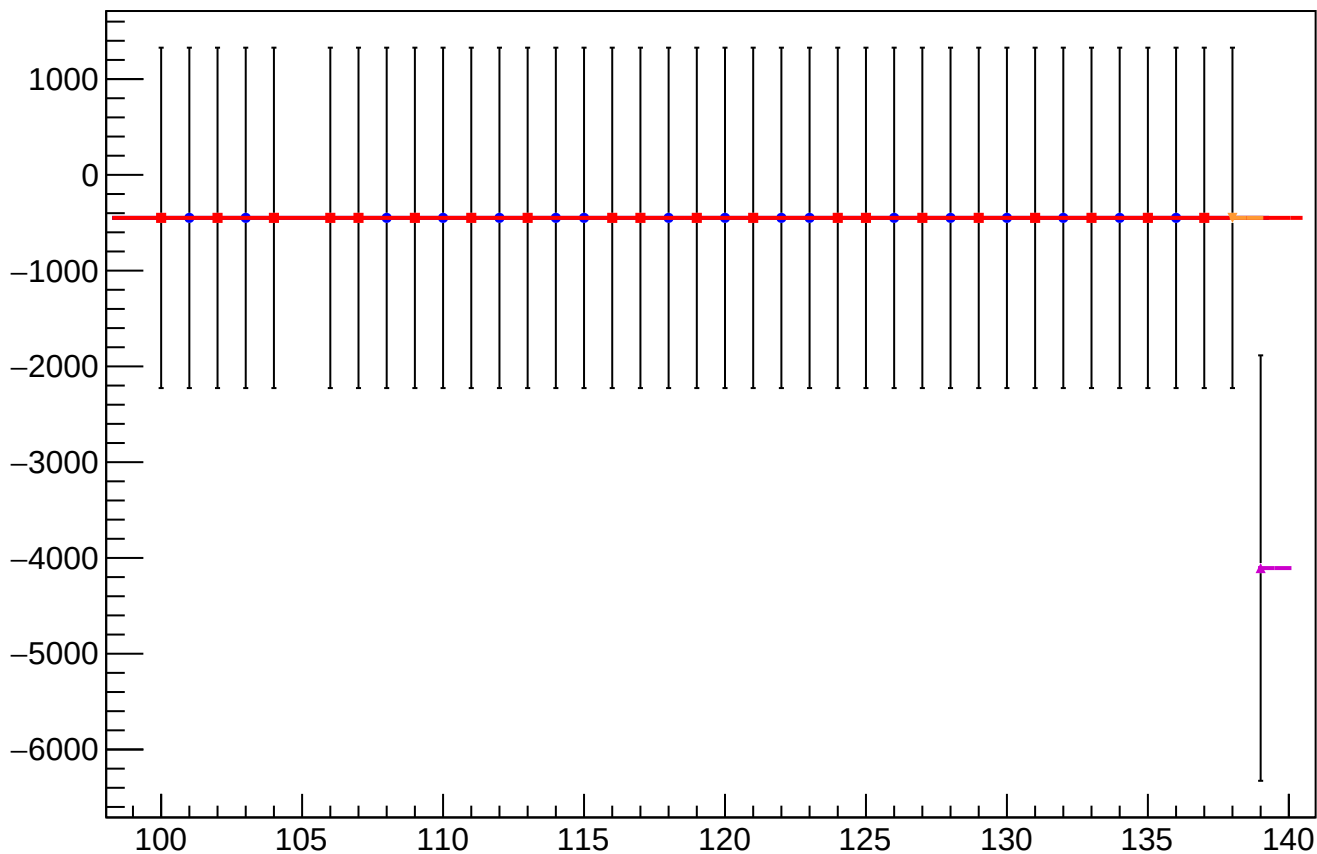
Right Out: 227.813 $\pm$ 0.043 χ^2 /NDF: 0.0/19

Left In: 165.214 $\pm$ 0.168 χ^2 /NDF: 0.0/0

227.813 $\pm$ 0.045 χ^2 /NDF: 0.0/17

224.017 $\pm$ 0.041 χ^2 /NDF: 129714.9/20

asym_sam_48_avg_correction_mean vs Slug



Right In: -449.122+/-431.025 χ^2/NDF : 0.0/16

Left Out: -449.122+/-1777.160 χ^2/NDF : 0.0/0

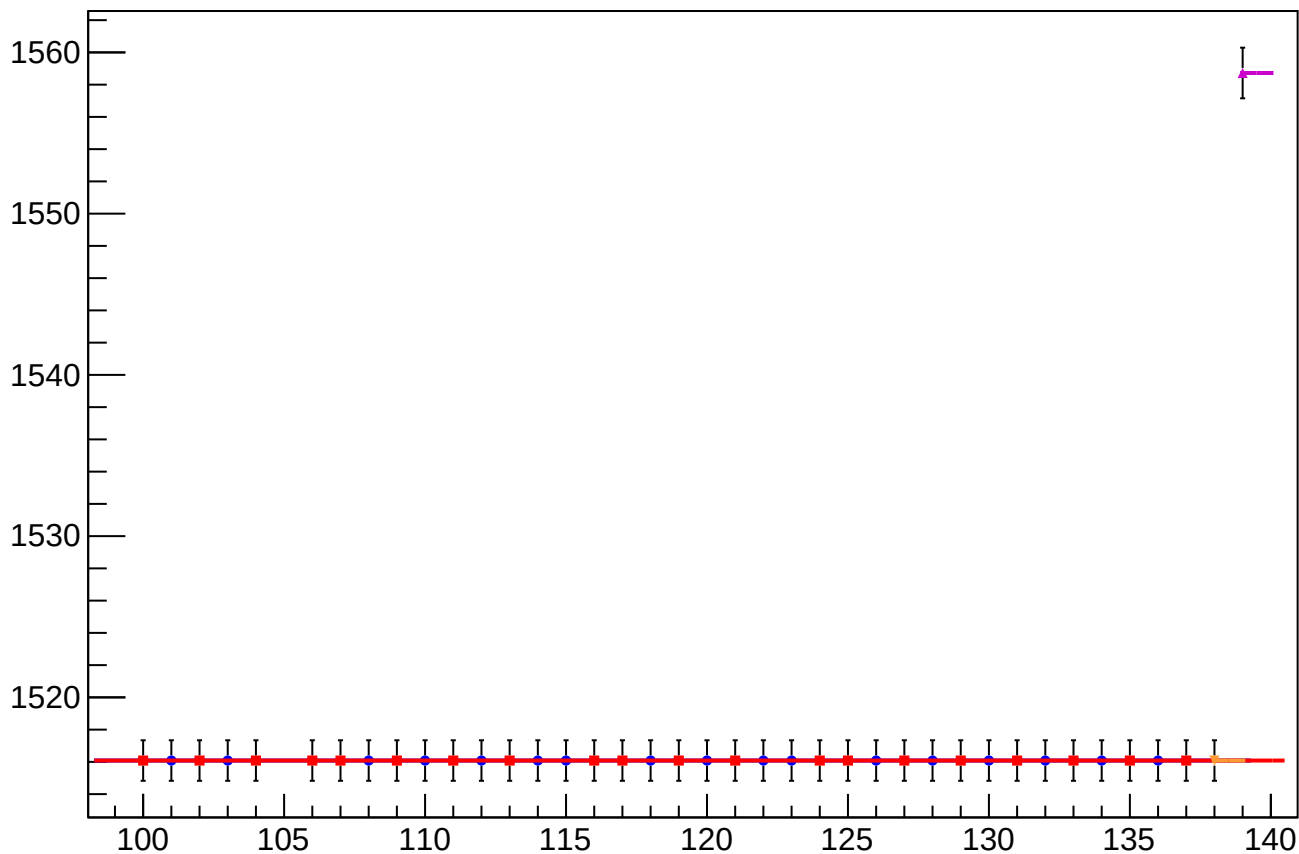
Right Out: -449.122+/-397.385 χ^2/NDF : 0.0/19

Left In: -4105.833+/-2221.126 χ^2/NDF : 0.0/0

-449.122+/-418.881 χ^2/NDF : 0.0/17

-562.541+/-391.174 χ^2/NDF : 2.6/20

asym_sam_48_avg_correction_rms vs Slug



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

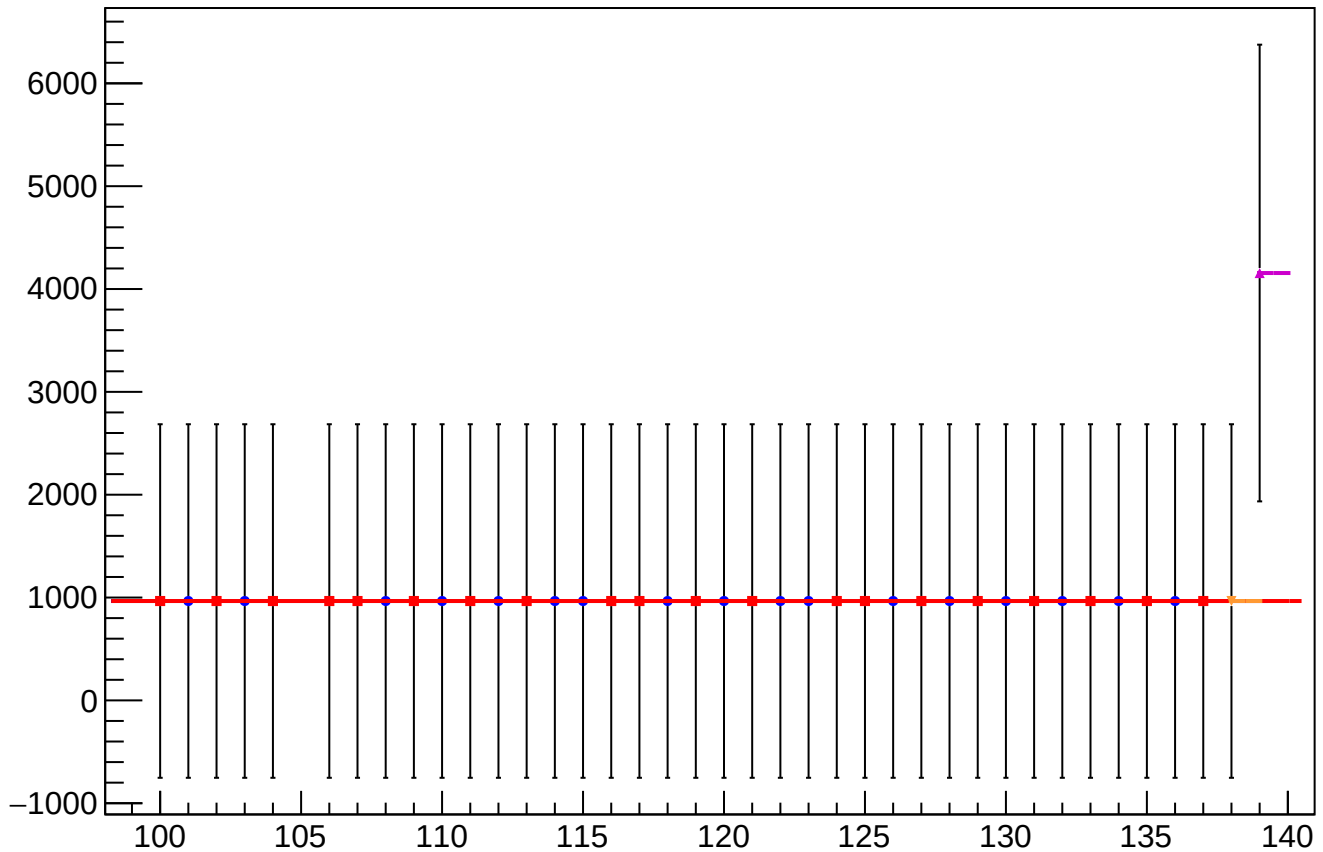
Right Out: 1516.083 $\pm$ 0.281 χ^2 /NDF: 0.0/19

Left In: 1558.723 $\pm$ 1.571 χ^2 /NDF: 0.0/0

1516.083 $\pm$ 0.296 χ^2 /NDF: 0.0/17

1517.405 $\pm$ 0.277 χ^2 /NDF: 714.2/20

asym_sam_48_avg_mean vs Slug



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

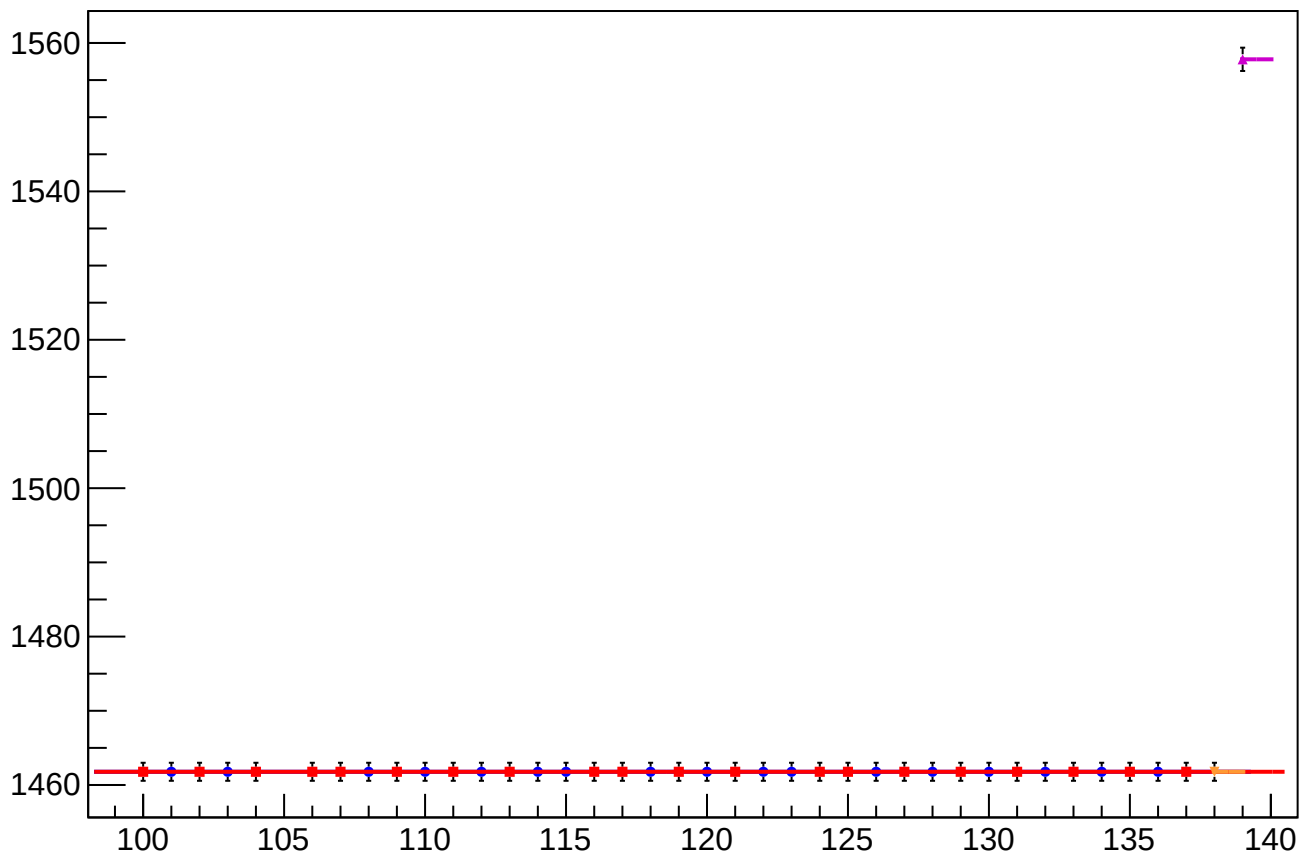
Right Out: 966.214 $\pm$ 384.371 χ^2 /NDF: 0.0/19

Left In: 4155.540 $\pm$ 2220.467 χ^2 /NDF: 0.0/0

966.214 $\pm$ 405.163 χ^2 /NDF: 0.0/17

1059.002 $\pm$ 378.739 χ^2 /NDF: 2.0/20

asym_sam_48_avg_rms vs Slug



Right In: 1461.780+/-0.295 χ^2/NDF : 0.0/16

Left Out: 1461.780+/-1.215 χ^2/NDF : 0.0/0

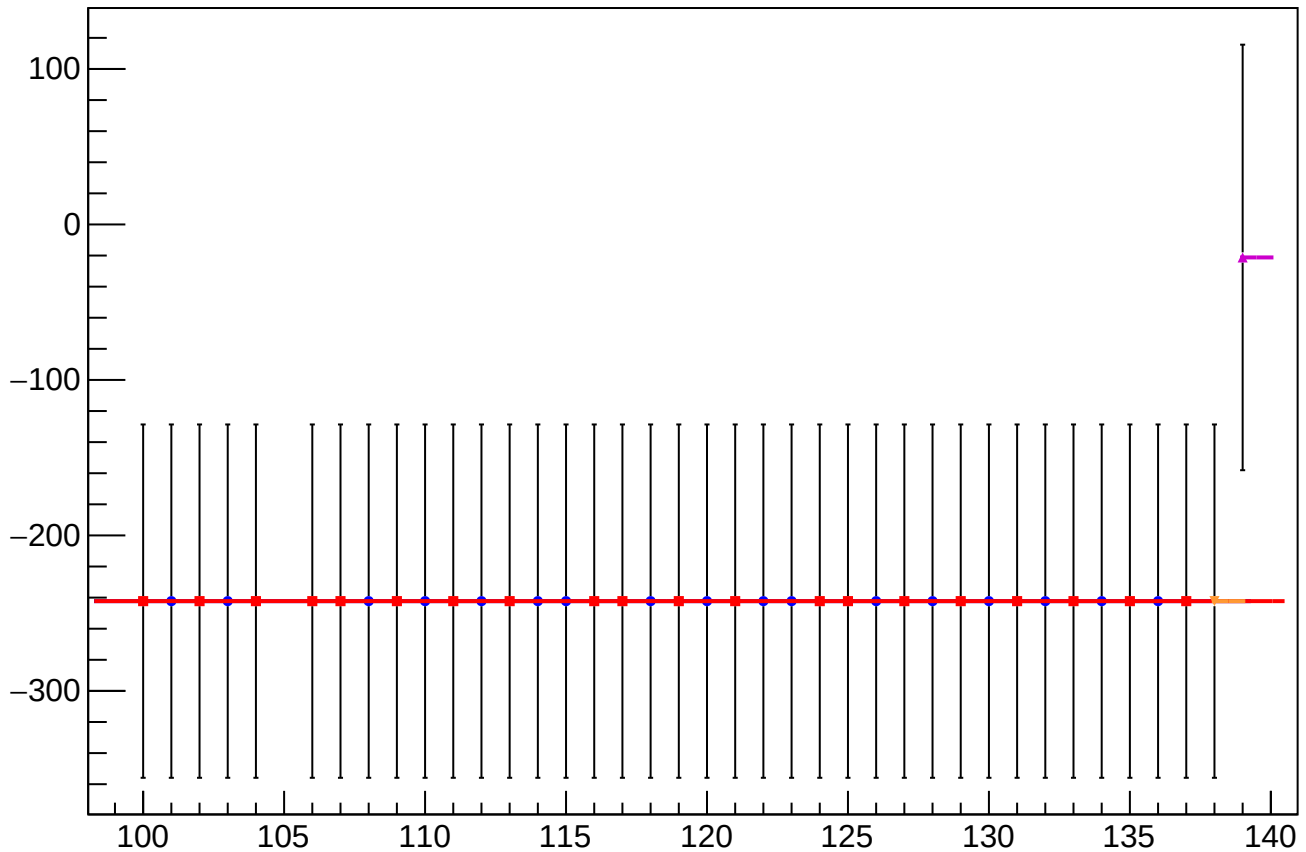
Right Out: 1461.780+/-0.272 χ^2/NDF : 0.0/19

Left In: 1557.798+/-1.570 χ^2/NDF : 0.0/0

1461.780+/-0.286 χ^2/NDF : 0.0/17

1464.574+/-0.268 χ^2/NDF : 3630.9/20

dit_asym_sam_15_dd_mean vs Slug



Right In: -242.262 $\pm$ 27.558 χ^2 /NDF: 0.0/16

Left Out: -242.262 $\pm$ 113.625 χ^2 /NDF: 0.0/0

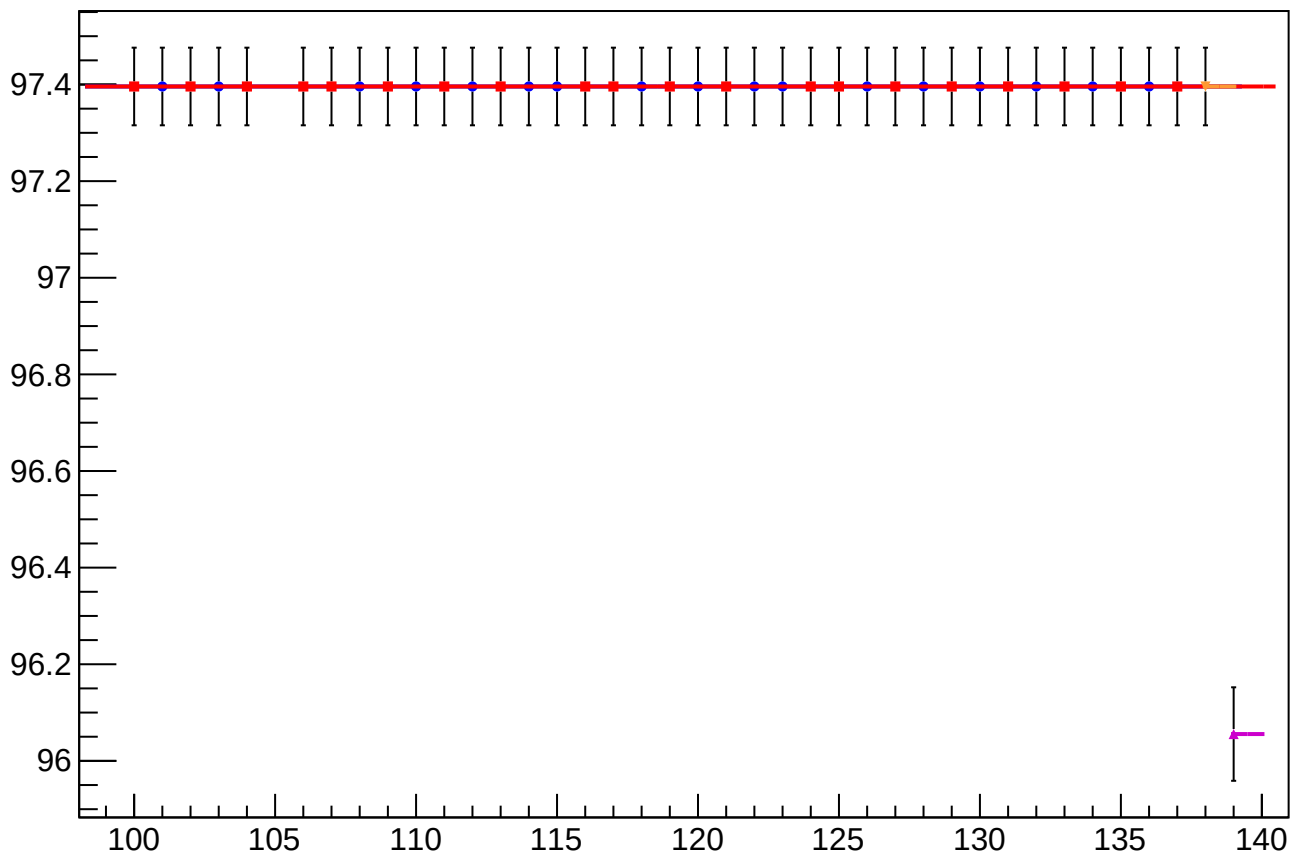
Right Out: -242.262 $\pm$ 25.407 χ^2 /NDF: 0.0/19

Left In: -21.216 $\pm$ 136.841 χ^2 /NDF: 0.0/0

-242.262 $\pm$ 26.782 χ^2 /NDF: 0.0/17

-234.895 $\pm$ 24.980 χ^2 /NDF: 2.5/20

dit_asym_sam_15_dd_rms vs Slug



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

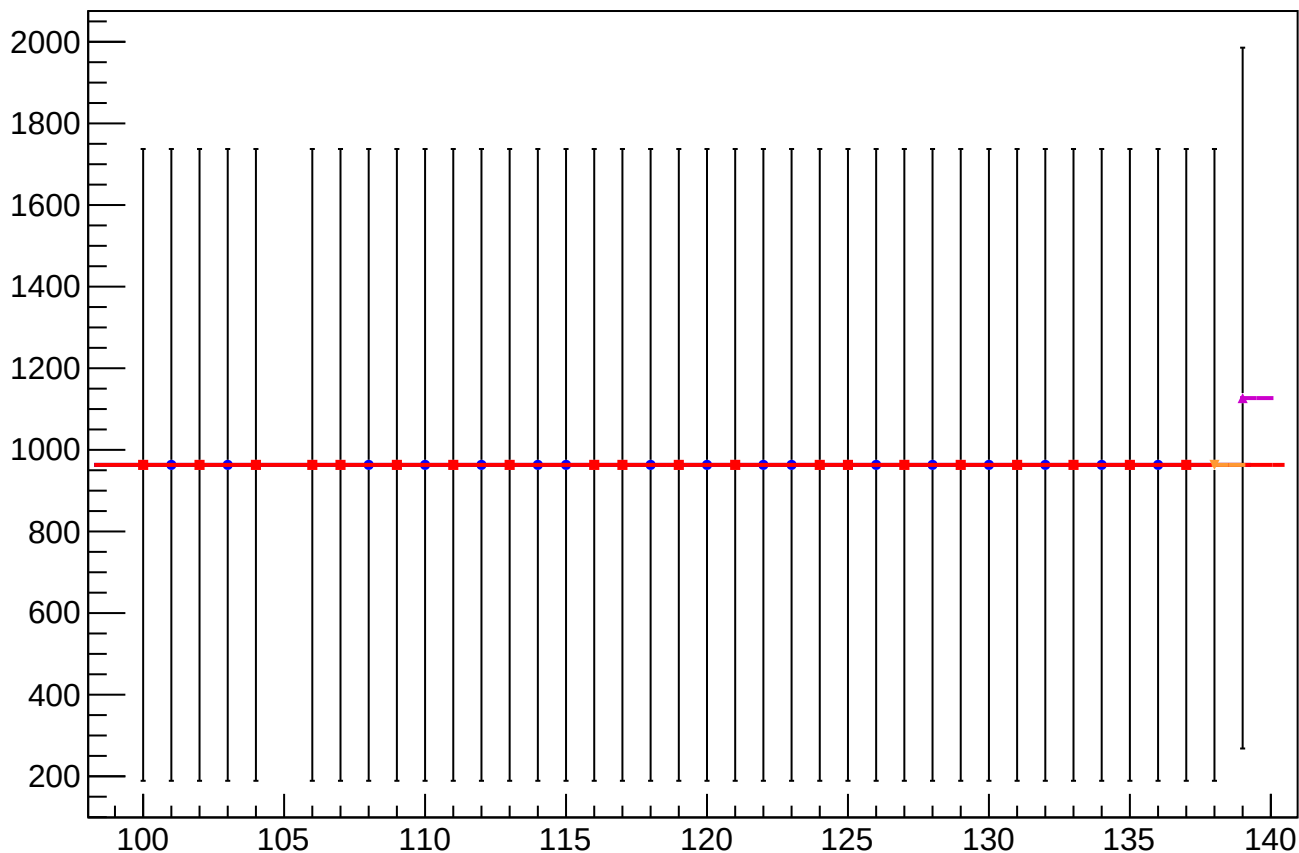
Right Out: 97.396 $\pm$ 0.018 χ^2 /NDF: 0.0/19

Left In: 96.056 $\pm$ 0.097 χ^2 /NDF: 0.0/0

97.396 $\pm$ 0.019 χ^2 /NDF: 0.0/17

97.351 $\pm$ 0.018 χ^2 /NDF: 185.5/20

asym_sam_15_dd_correction_mean vs Slug



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

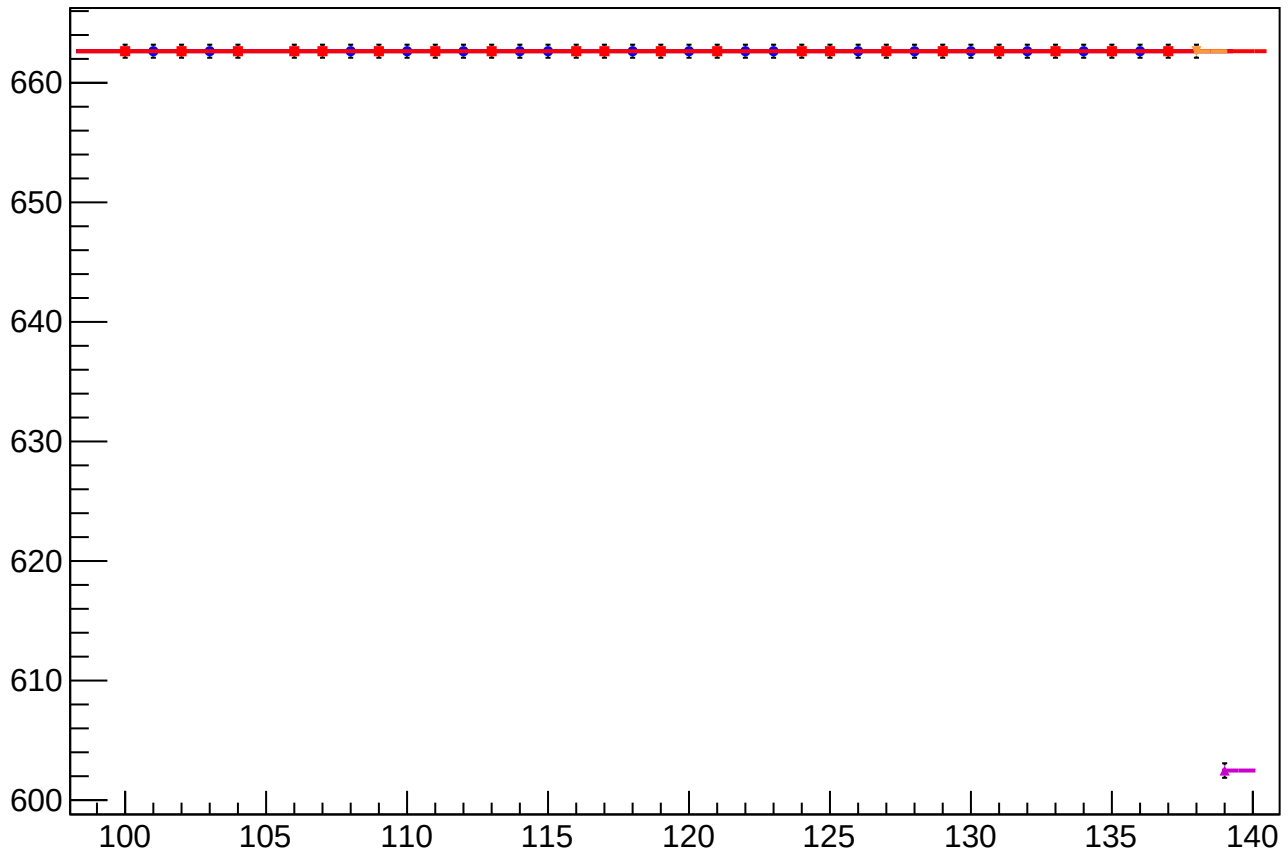
Right Out: 963.150 $\pm$ 173.110 χ^2 /NDF: 0.0/19

Left In: 1126.868 $\pm$ 858.757 χ^2 /NDF: 0.0/0

963.150 $\pm$ 182.474 χ^2 /NDF: 0.0/17

969.543 $\pm$ 169.697 χ^2 /NDF: 0.0/20

asym_sam_15_dd_correction_rms vs Slug



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

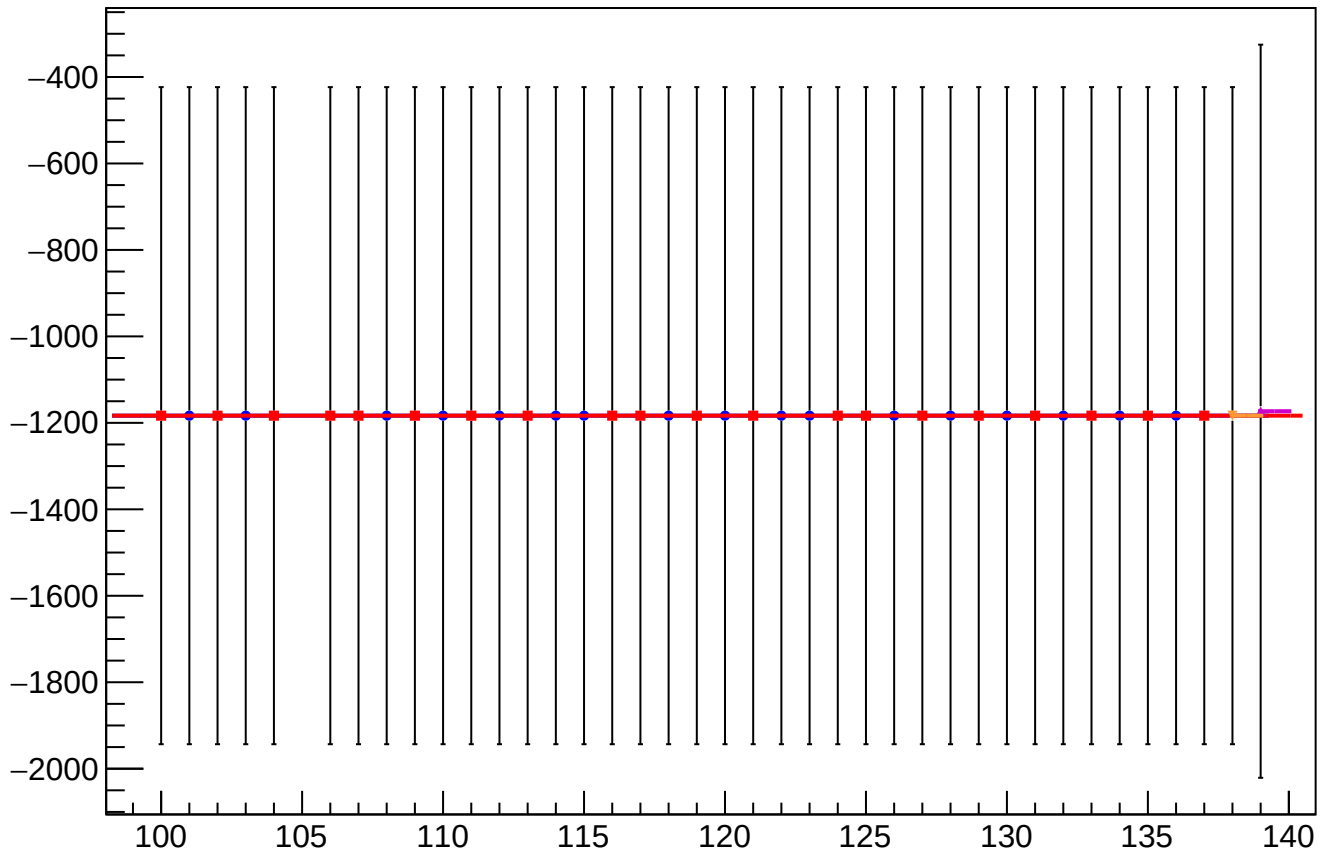
Right Out: 662.643 $\pm$ 0.122 χ^2 /NDF: 0.0/19

Left In: 602.474 $\pm$ 0.607 χ^2 /NDF: 0.0/0

662.643 $\pm$ 0.129 χ^2 /NDF: 0.0/17

660.294 $\pm$ 0.120 χ^2 /NDF: 9434.9/20

asym_sam_15_dd_mean vs Slug



Right In: -1183.379+/-184.317 χ^2/NDF : 0.0/16

Left Out: -1183.379+/-759.960 χ^2/NDF : 0.0/0

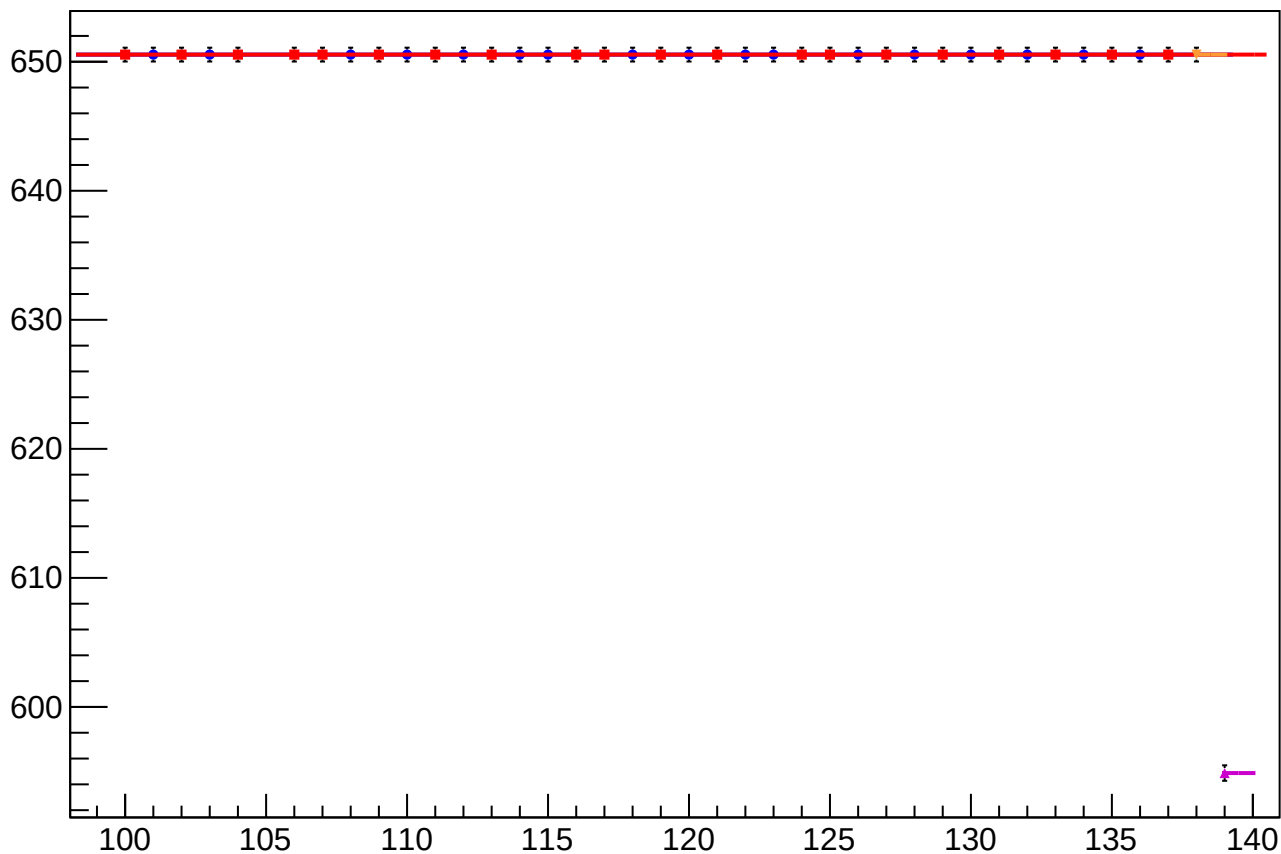
Right Out: -1183.379+/-169.932 χ^2/NDF : 0.0/19

Left In: -1173.129+/-847.916 χ^2/NDF : 0.0/0

-1183.379+/-179.124 χ^2/NDF : 0.0/17

-1182.984+/-166.619 χ^2/NDF : 0.0/20

asym_sam_15_dd_rms vs Slug



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

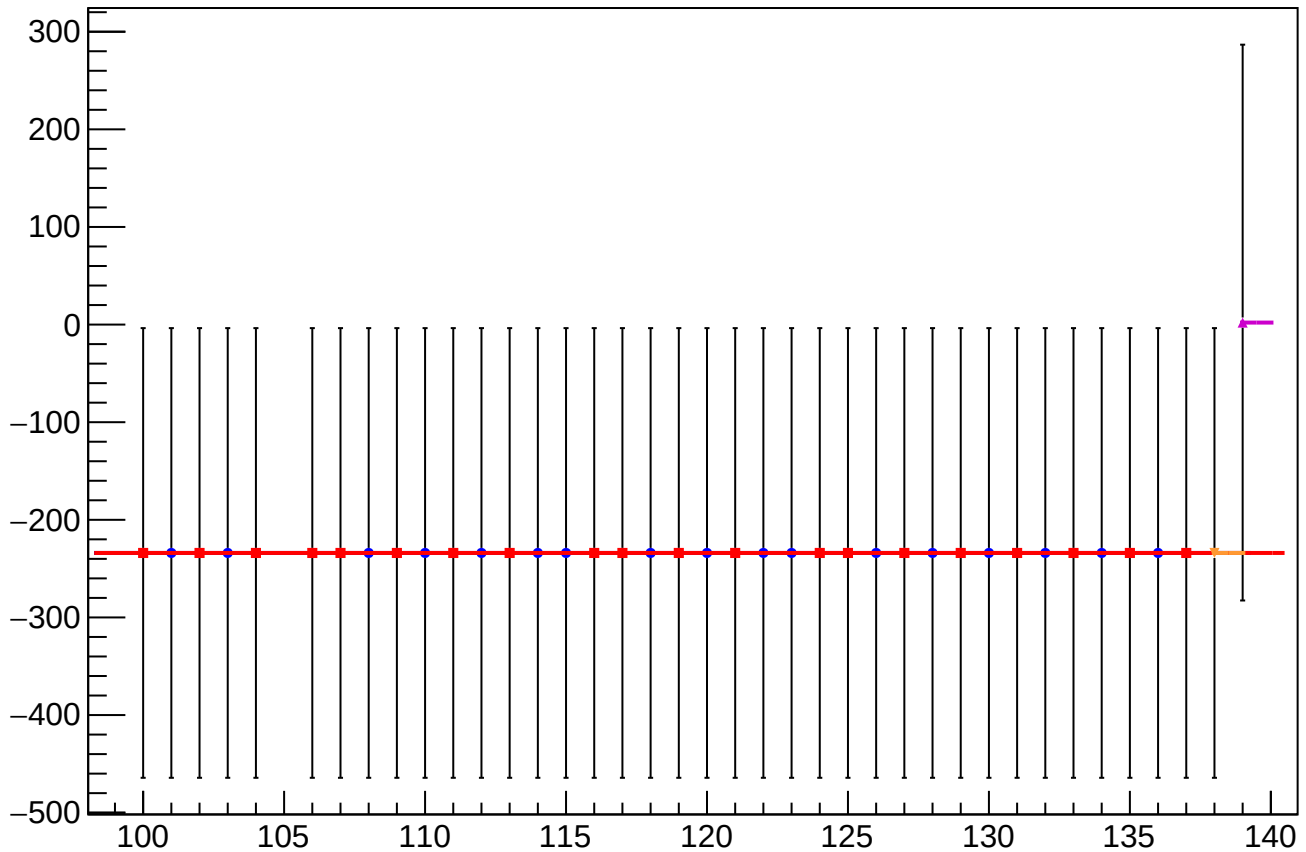
Right Out: 650.553 $\pm$ 0.120 χ^2 /NDF: 0.0/19

Left In: 594.875 $\pm$ 0.600 χ^2 /NDF: 0.0/0

650.553 $\pm$ 0.127 χ^2 /NDF: 0.0/17

648.403 $\pm$ 0.118 χ^2 /NDF: 8290.5/20

dit_asym_sam_26_dd_mean vs Slug



Right In: -233.951+/-55.862 χ^2/NDF : 0.0/16

Left Out: -233.951+/-230.325 χ^2/NDF : 0.0/0

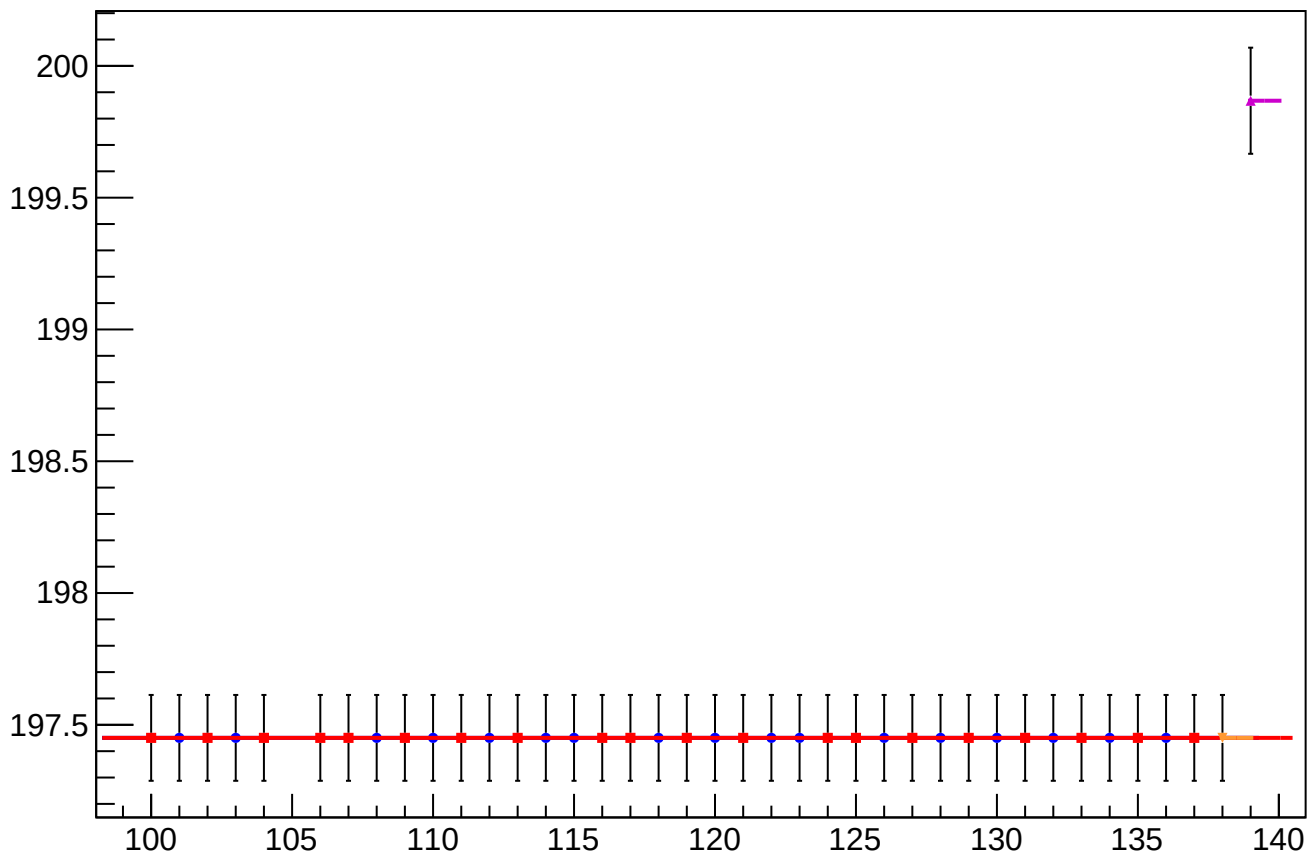
Right Out: -233.951+/-51.502 χ^2/NDF : 0.0/19

Left In: 2.047+/-284.689 χ^2/NDF : 0.0/0

-233.951+/-54.288 χ^2/NDF : 0.0/17

-226.472+/-50.680 χ^2/NDF : 0.7/20

dit_asym_sam_26_dd_rms vs Slug



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

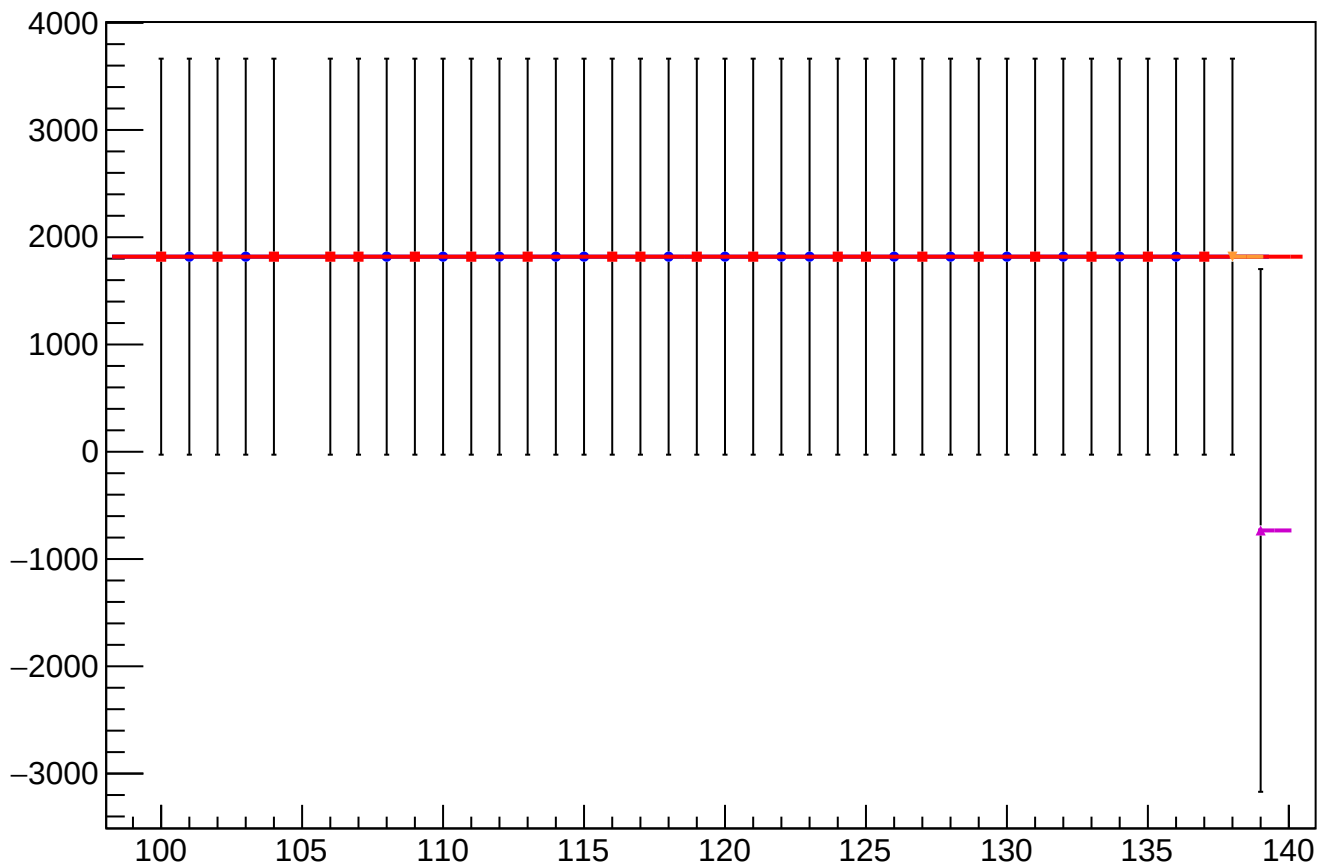
Right Out: 197.450 $\pm$ 0.036 χ^2 /NDF: 0.0/19

Left In: 199.868 $\pm$ 0.201 χ^2 /NDF: 0.0/0

197.450 $\pm$ 0.038 χ^2 /NDF: 0.0/17

197.527 $\pm$ 0.036 χ^2 /NDF: 139.6/20

asym_sam_26_dd_correction_mean vs Slug



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

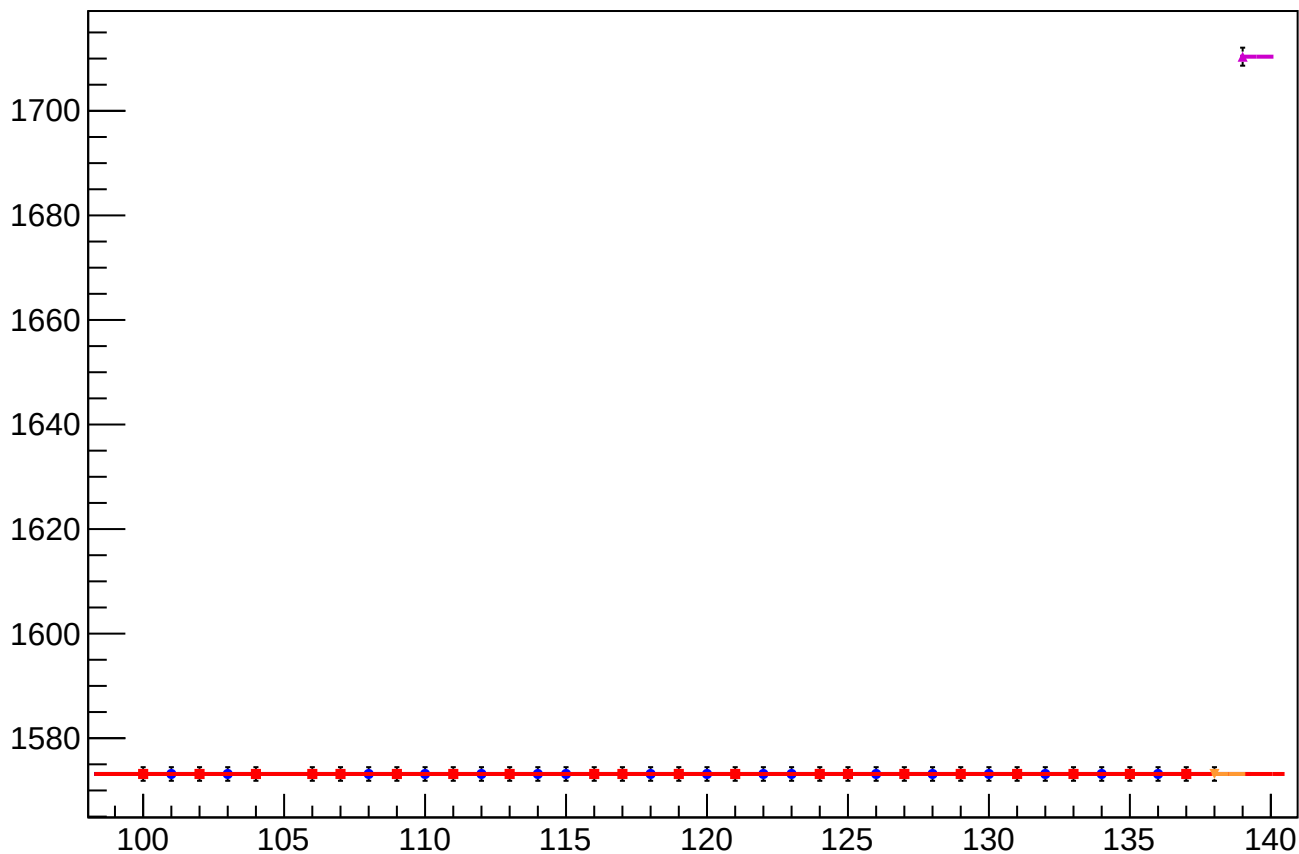
Right Out: 1818.659 $\pm$ 412.763 χ^2 /NDF: 0.0/19

Left In: -733.414 $\pm$ 2436.551 χ^2 /NDF: 0.0/0

1818.659 $\pm$ 435.091 χ^2 /NDF: 0.0/17

1747.463 $\pm$ 406.965 χ^2 /NDF: 1.1/20

asym_sam_26_dd_correction_rms vs Slug



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

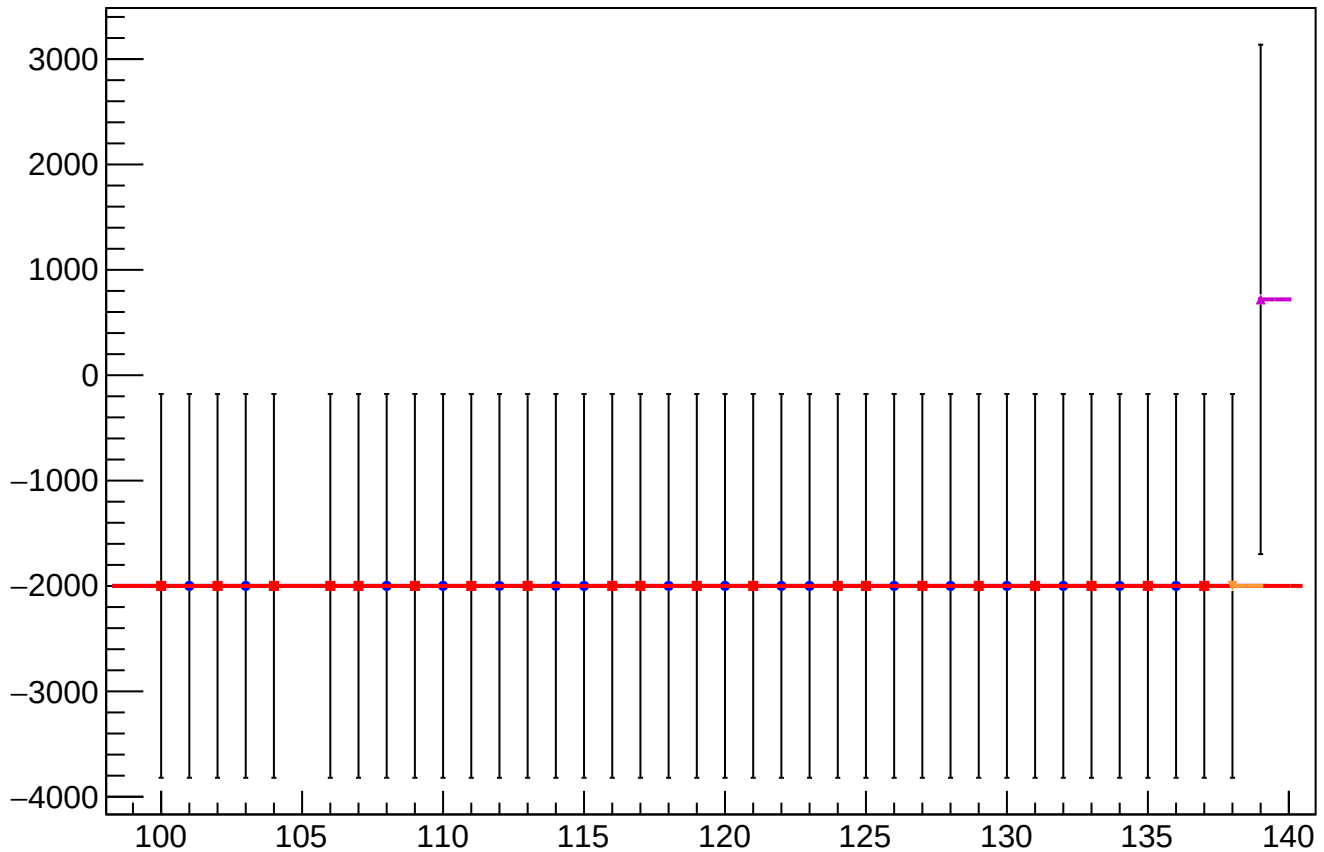
Right Out: 1573.153 $\pm$ 0.292 χ^2 /NDF: 0.0/19

Left In: 1710.363 $\pm$ 1.723 χ^2 /NDF: 0.0/0

1573.153 $\pm$ 0.308 χ^2 /NDF: 0.0/17

1576.981 $\pm$ 0.288 χ^2 /NDF: 6165.4/20

asym_sam_26_dd_mean vs Slug



Right In: -1999.222 ± 441.641 χ^2/NDF : 0.0/16

Left Out: -1999.222 ± 1820.933 χ^2/NDF : 0.0/0

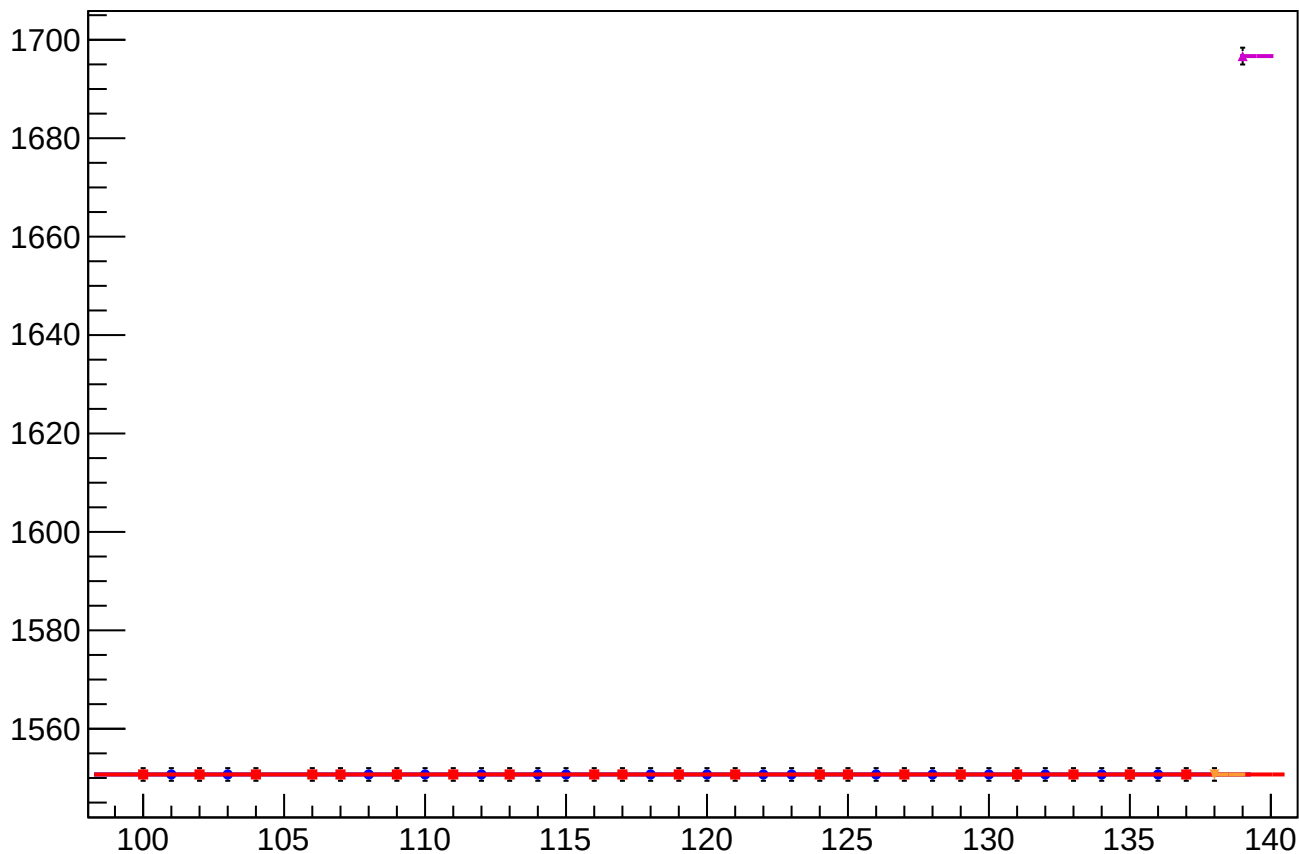
Right Out: -1999.222 ± 407.173 χ^2/NDF : 0.0/19

Left In: 719.719 ± 2417.105 χ^2/NDF : 0.0/0

-1999.222 ± 429.198 χ^2/NDF : 0.0/17

-1924.196 ± 401.516 χ^2/NDF : 1.2/20

asym_sam_26_dd_rms vs Slug



Right In: 1550.714+/-0.312 χ^2/NDF : 0.0/16

Left Out: 1550.714+/-1.288 χ^2/NDF : 0.0/0

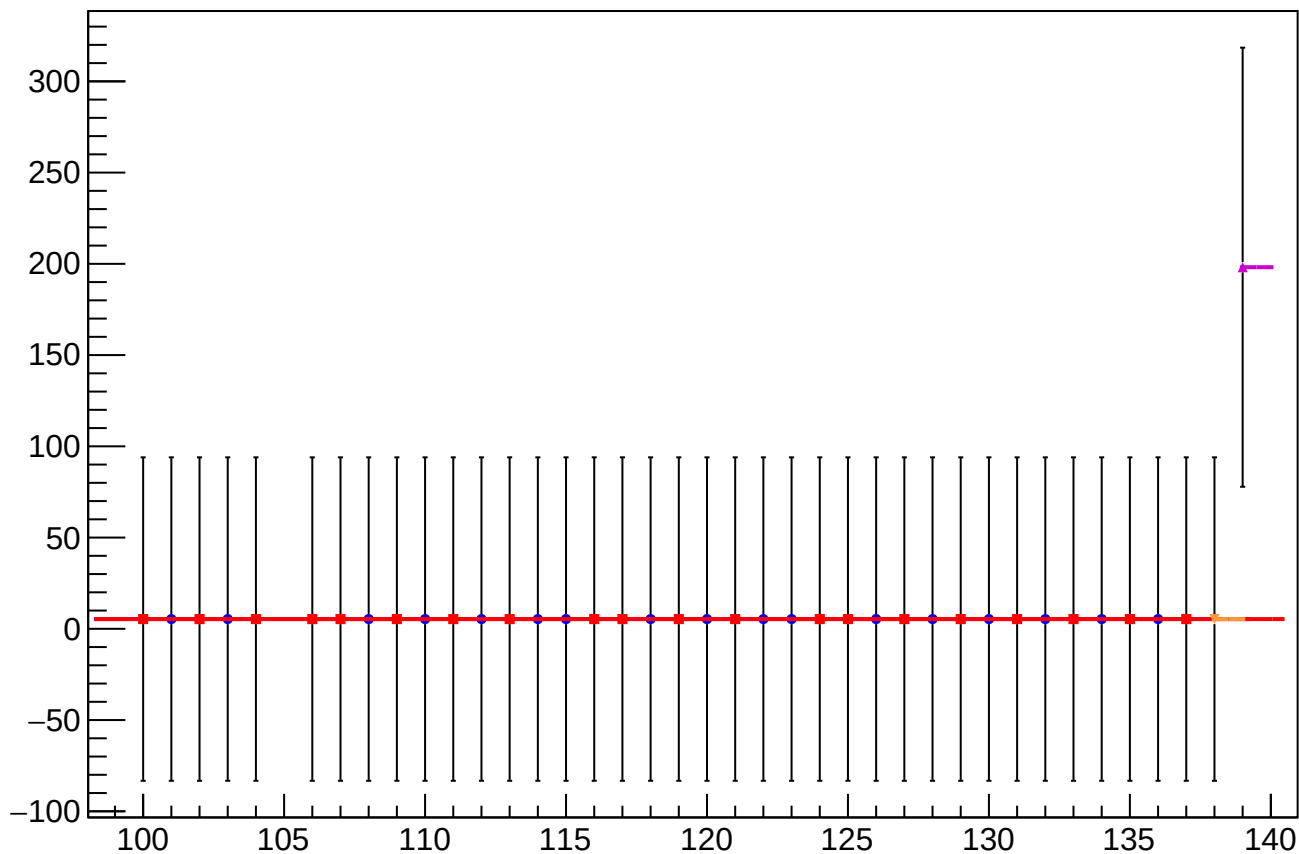
Right Out: 1550.714+/-0.288 χ^2/NDF : 0.0/19

Left In: 1696.692+/-1.709 χ^2/NDF : 0.0/0

1550.714+/-0.303 χ^2/NDF : 0.0/17

1554.742+/-0.284 χ^2/NDF : 7093.5/20

dit_asym_sam_37_dd_mean vs Slug



Right In: 5.337 $\pm$ 21.495 χ^2 /NDF: 0.0/16

Left Out: 5.337 $\pm$ 88.626 χ^2 /NDF: 0.0/0

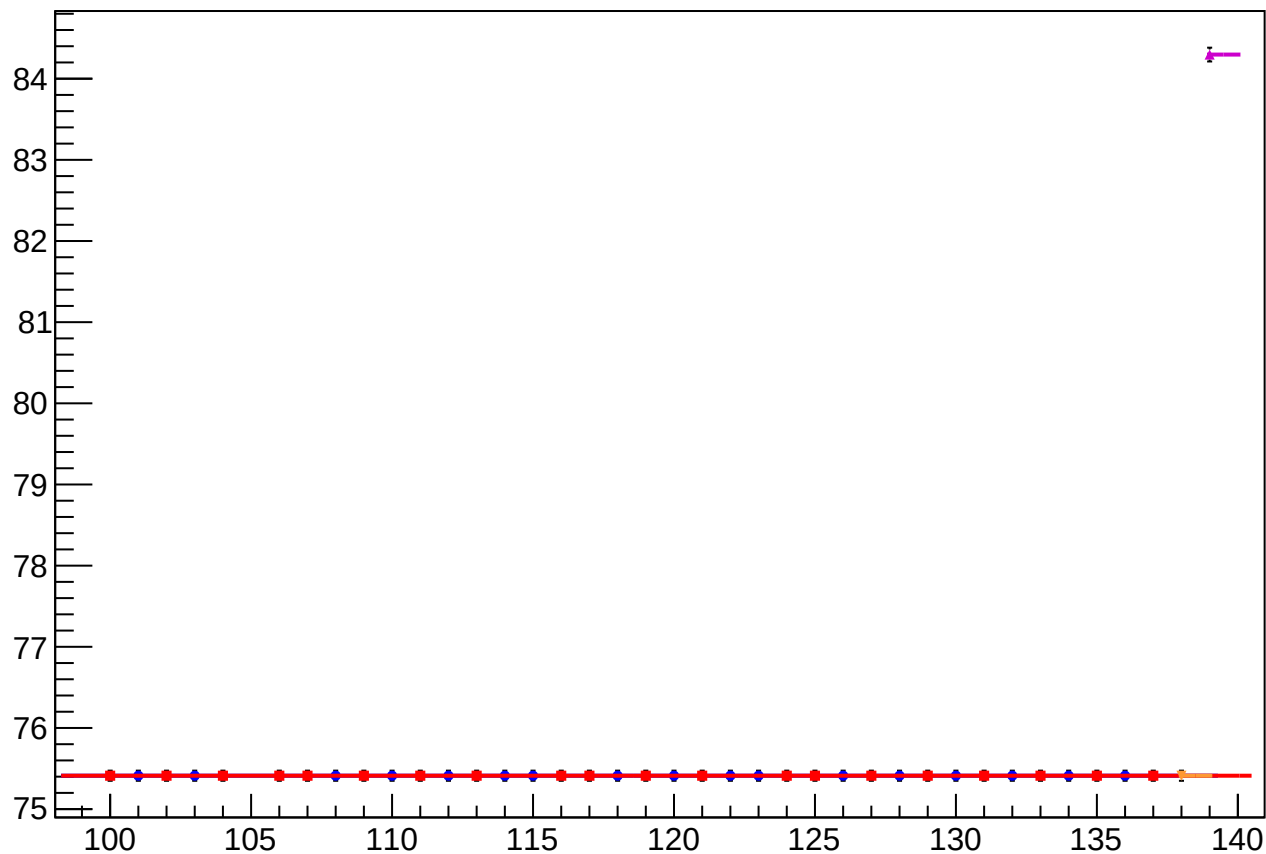
Right Out: 5.337 $\pm$ 19.817 χ^2 /NDF: 0.0/19

Left In: 198.152 $\pm$ 120.309 χ^2 /NDF: 0.0/0

5.337 $\pm$ 20.889 χ^2 /NDF: 0.0/17

10.430 $\pm$ 19.554 χ^2 /NDF: 2.5/20

dit_asym_sam_37_dd_rms vs Slug



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

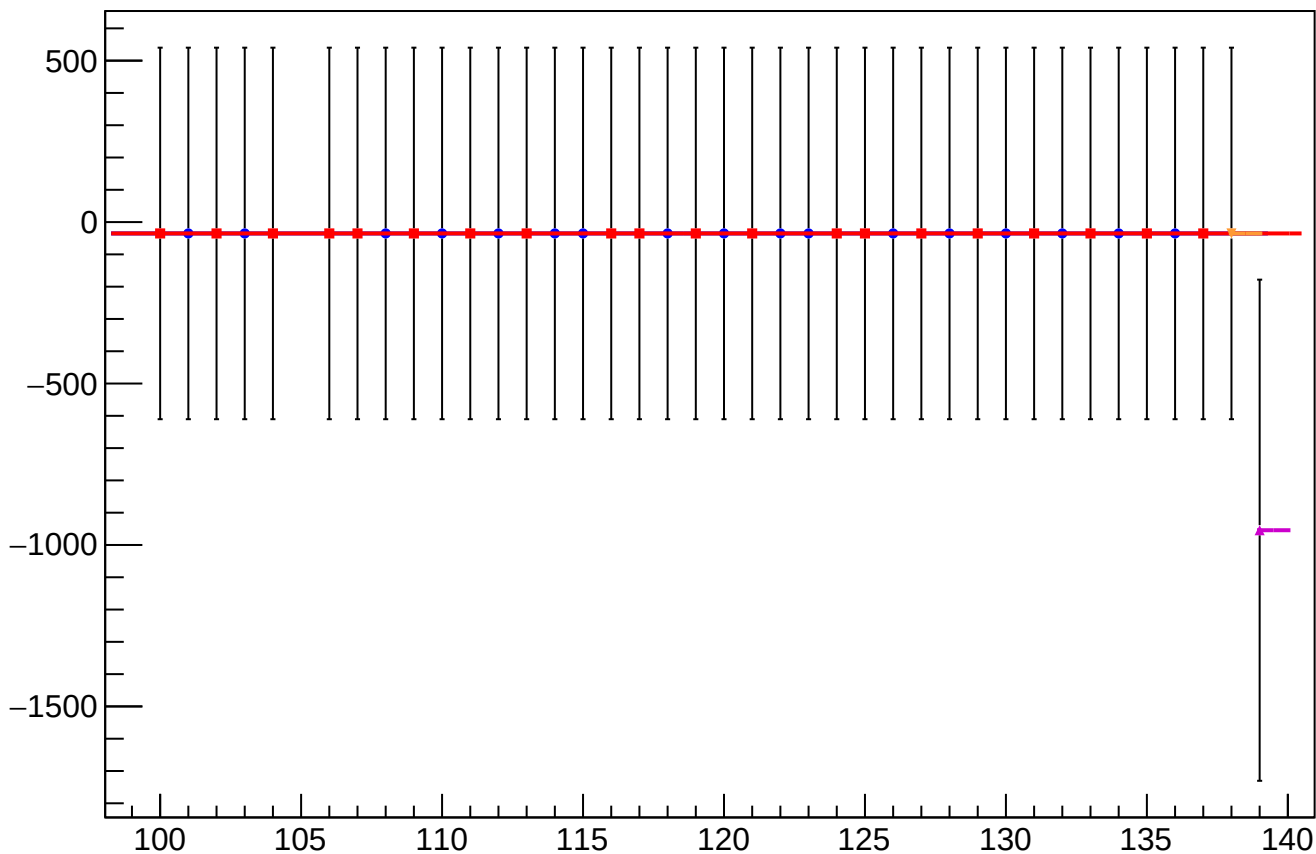
Right Out: 75.412 $\pm$ 0.014 χ^2 /NDF: 0.0/19

Left In: 84.297 $\pm$ 0.085 χ^2 /NDF: 0.0/0

75.412 $\pm$ 0.015 χ^2 /NDF: 0.0/17

75.646 $\pm$ 0.014 χ^2 /NDF: 10621.0/20

asym_sam_37_dd_correction_mean vs Slug



Right In: -35.152+/-139.538 χ^2/NDF : 0.0/16

Left Out: -35.152+/-575.330 χ^2/NDF : 0.0/0

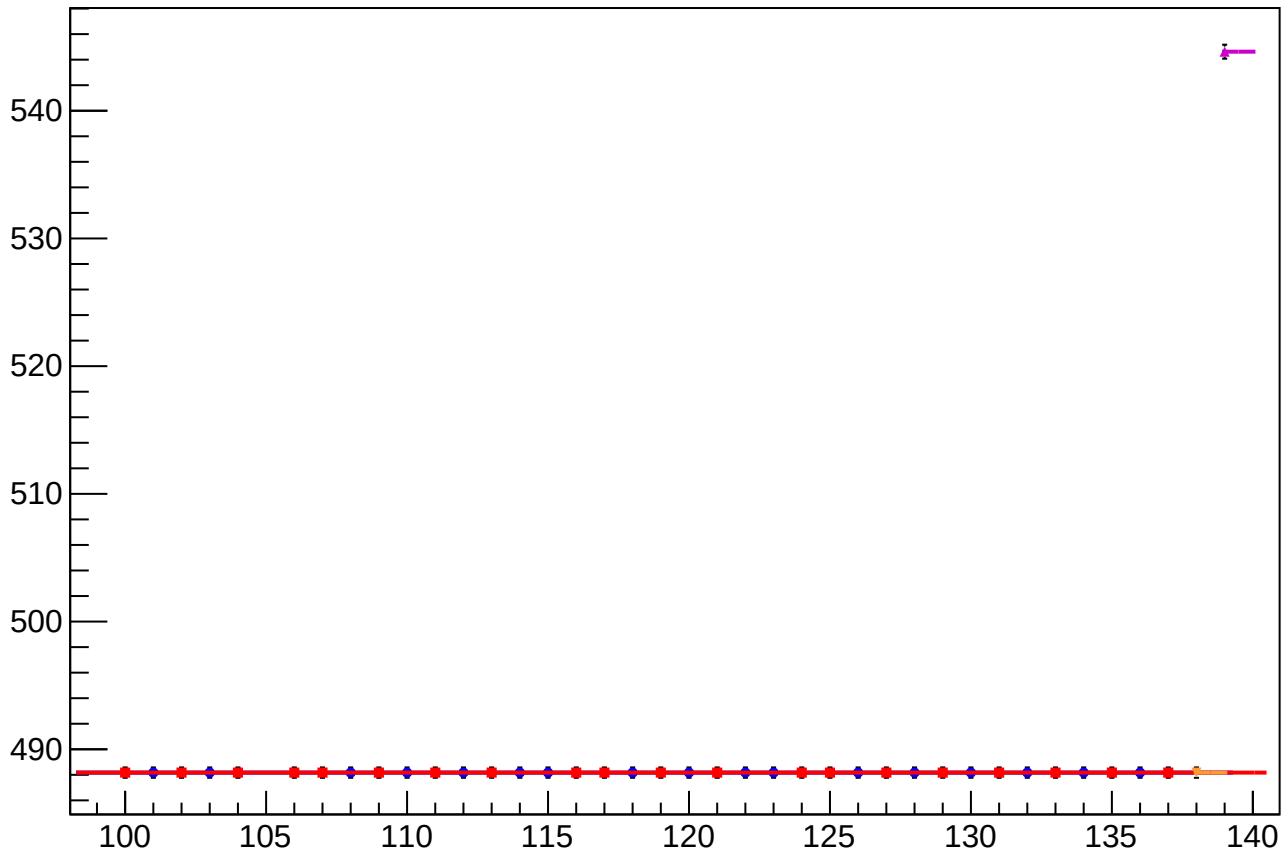
Right Out: -35.152+/-128.648 χ^2/NDF : 0.0/19

Left In: -954.305+/-776.043 χ^2/NDF : 0.0/0

-35.152+/-135.607 χ^2/NDF : 0.0/17

-59.736+/-126.916 χ^2/NDF : 1.4/20

asym_sam_37_dd_correction_rms vs Slug



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

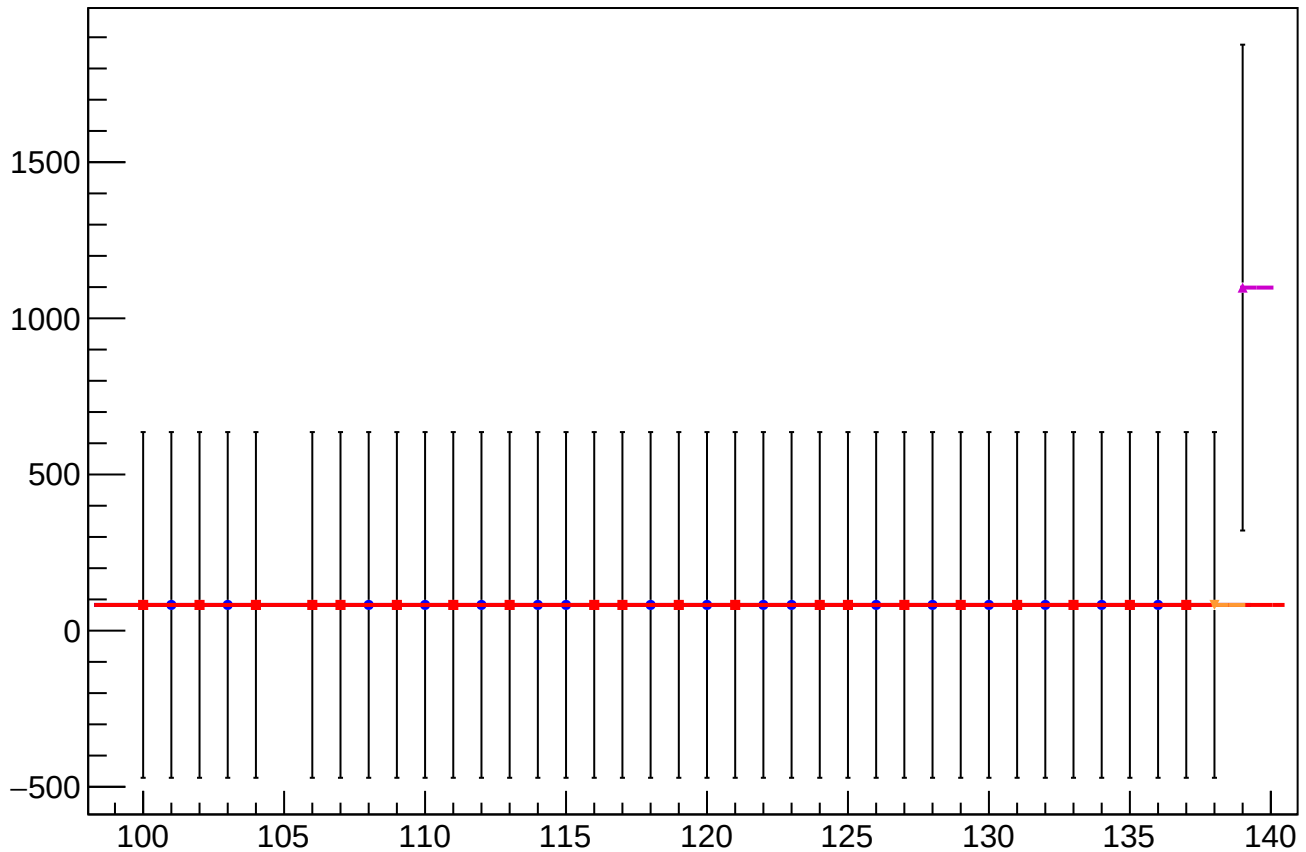
Right Out: 488.174 $\pm$ 0.091 χ^2 /NDF: 0.0/19

Left In: 544.625 $\pm$ 0.549 χ^2 /NDF: 0.0/0

488.174 $\pm$ 0.096 χ^2 /NDF: 0.0/17

489.684 $\pm$ 0.090 χ^2 /NDF: 10299.9/20

asym_sam_37_dd_mean vs Slug



Right In: 82.340+/-134.241 χ^2/NDF : 0.0/16

Left Out: 82.340+/-553.490 χ^2/NDF : 0.0/0

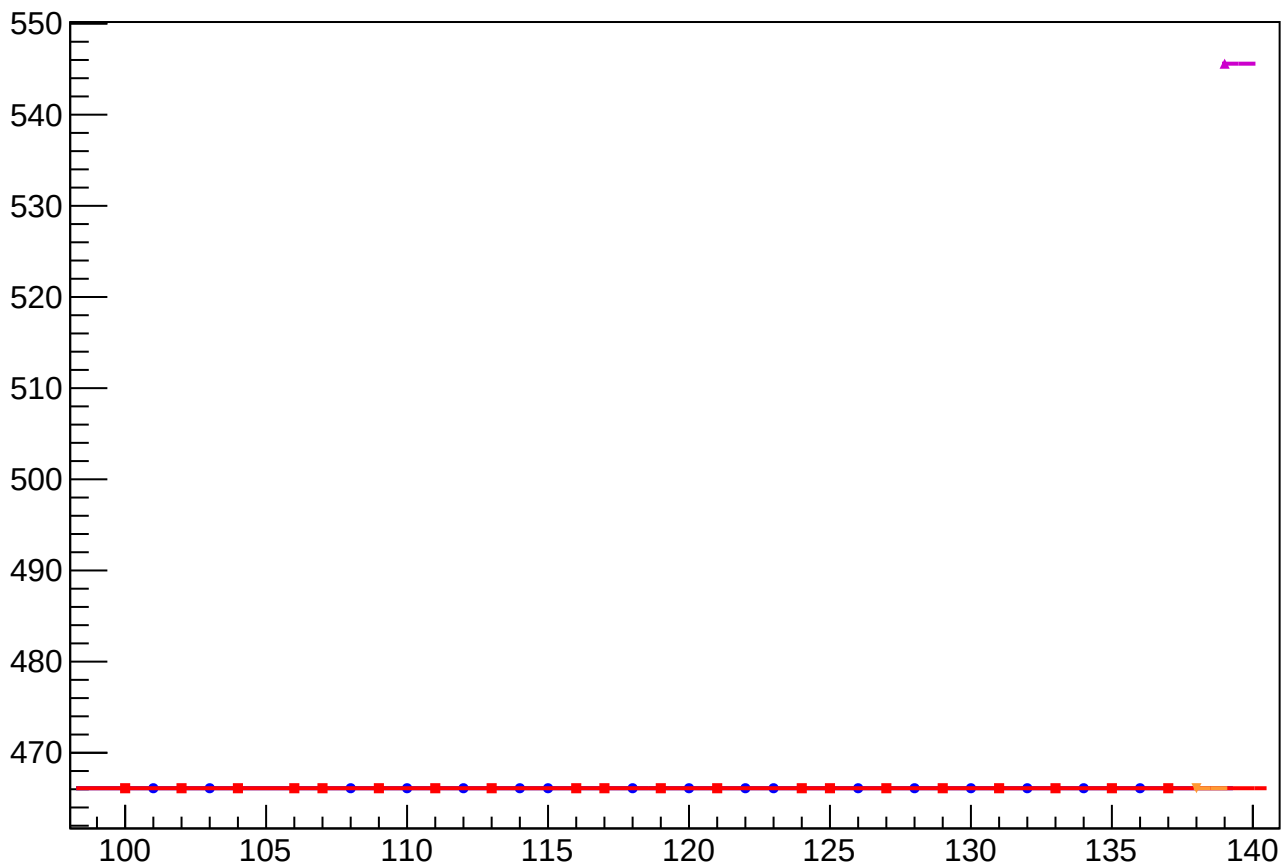
Right Out: 82.340+/-123.764 χ^2/NDF : 0.0/19

Left In: 1098.427+/-777.828 χ^2/NDF : 0.0/0

82.340+/-130.459 χ^2/NDF : 0.0/17

107.430+/-122.227 χ^2/NDF : 1.7/20

asym_sam_37_dd_rms vs Slug



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

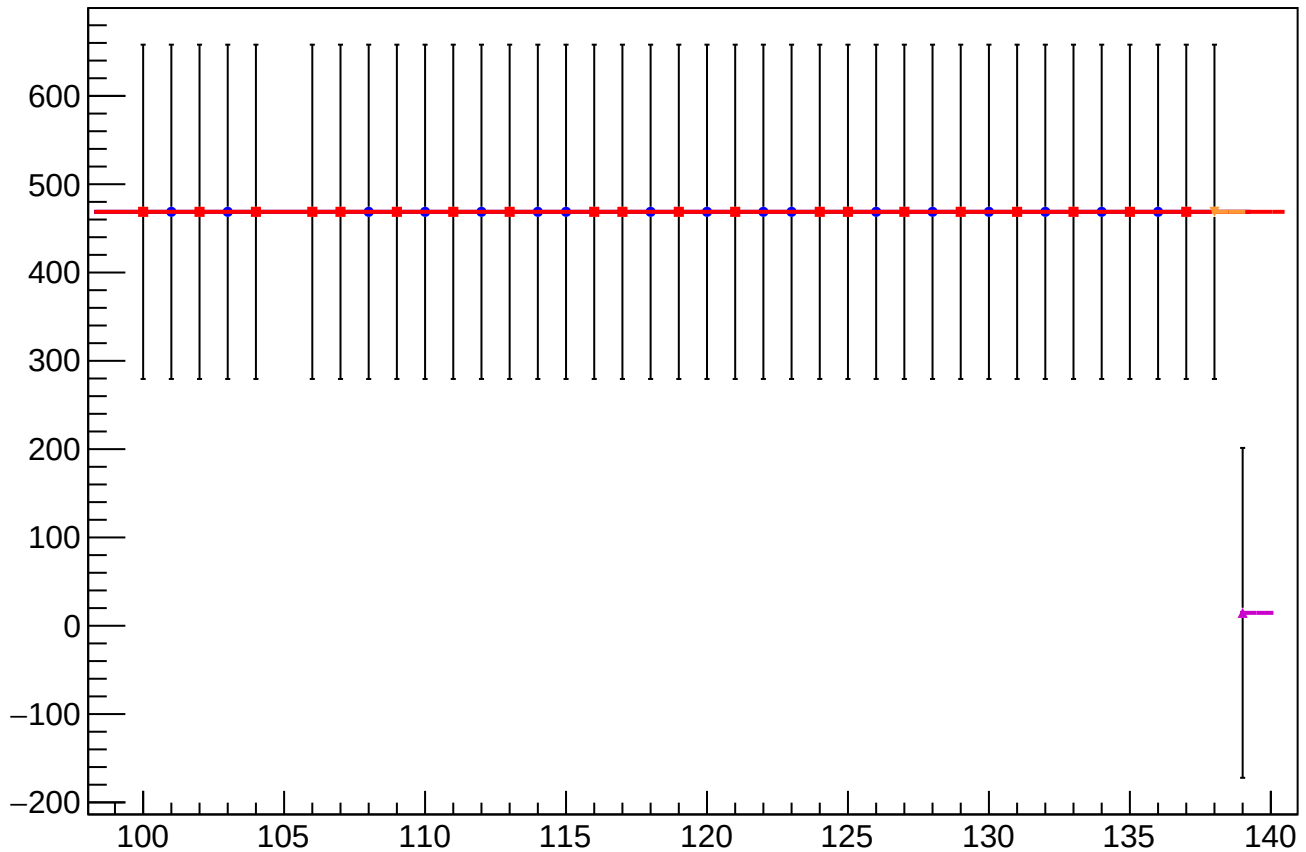
Right Out: 466.112 $\pm$ 0.088 χ^2 /NDF: 0.0/19

Left In: 545.594 $\pm$ 0.550 χ^2 /NDF: 0.0/0

466.112 $\pm$ 0.092 χ^2 /NDF: 0.0/17

468.074 $\pm$ 0.086 χ^2 /NDF: 20367.7/20

dit_asym_sam_48_dd_mean vs Slug



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

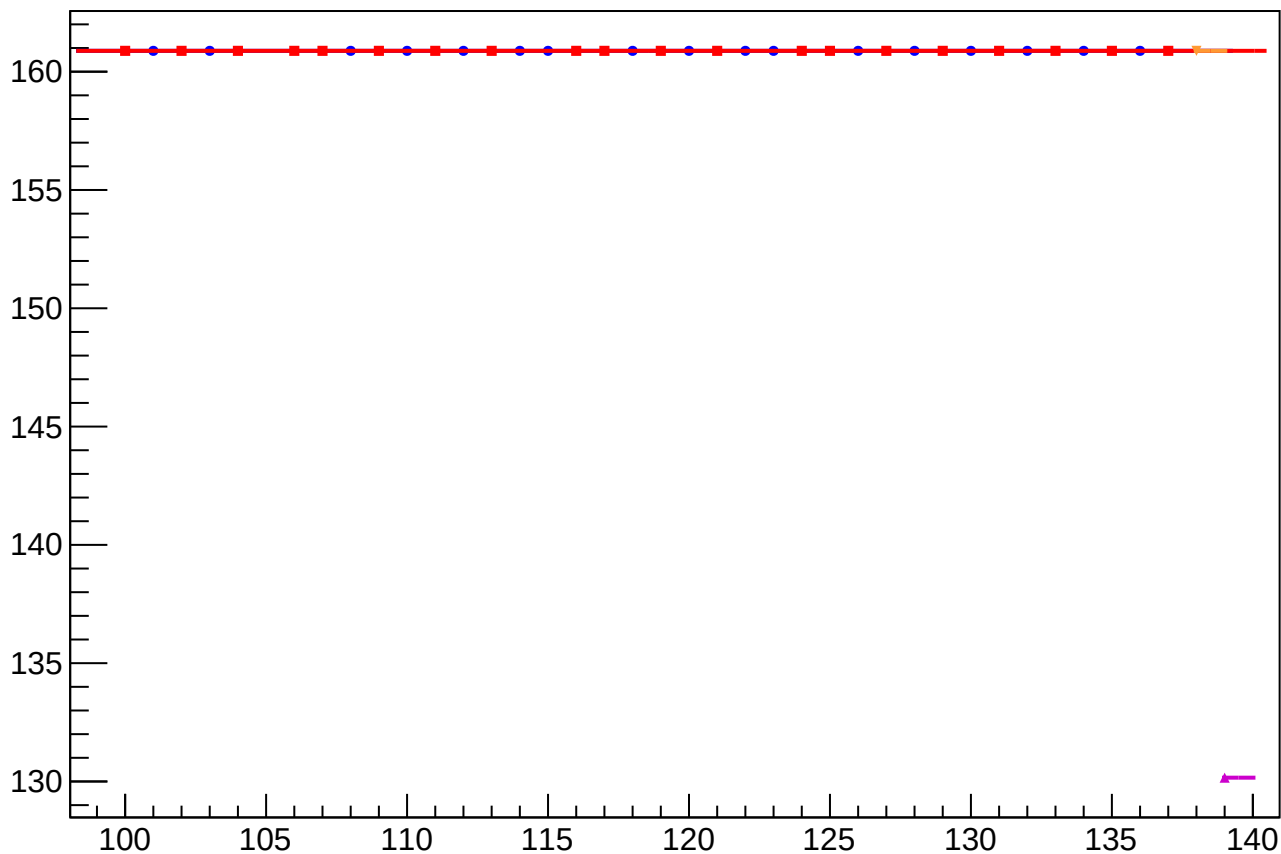
Right Out: 468.736 $\pm$ 42.325 χ^2 /NDF: 0.0/19

Left In: 14.616 $\pm$ 186.783 χ^2 /NDF: 0.0/0

468.736 $\pm$ 44.615 χ^2 /NDF: 0.0/17

446.557 $\pm$ 41.279 χ^2 /NDF: 5.6/20

dit_asym_sam_48_dd_rms vs Slug



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

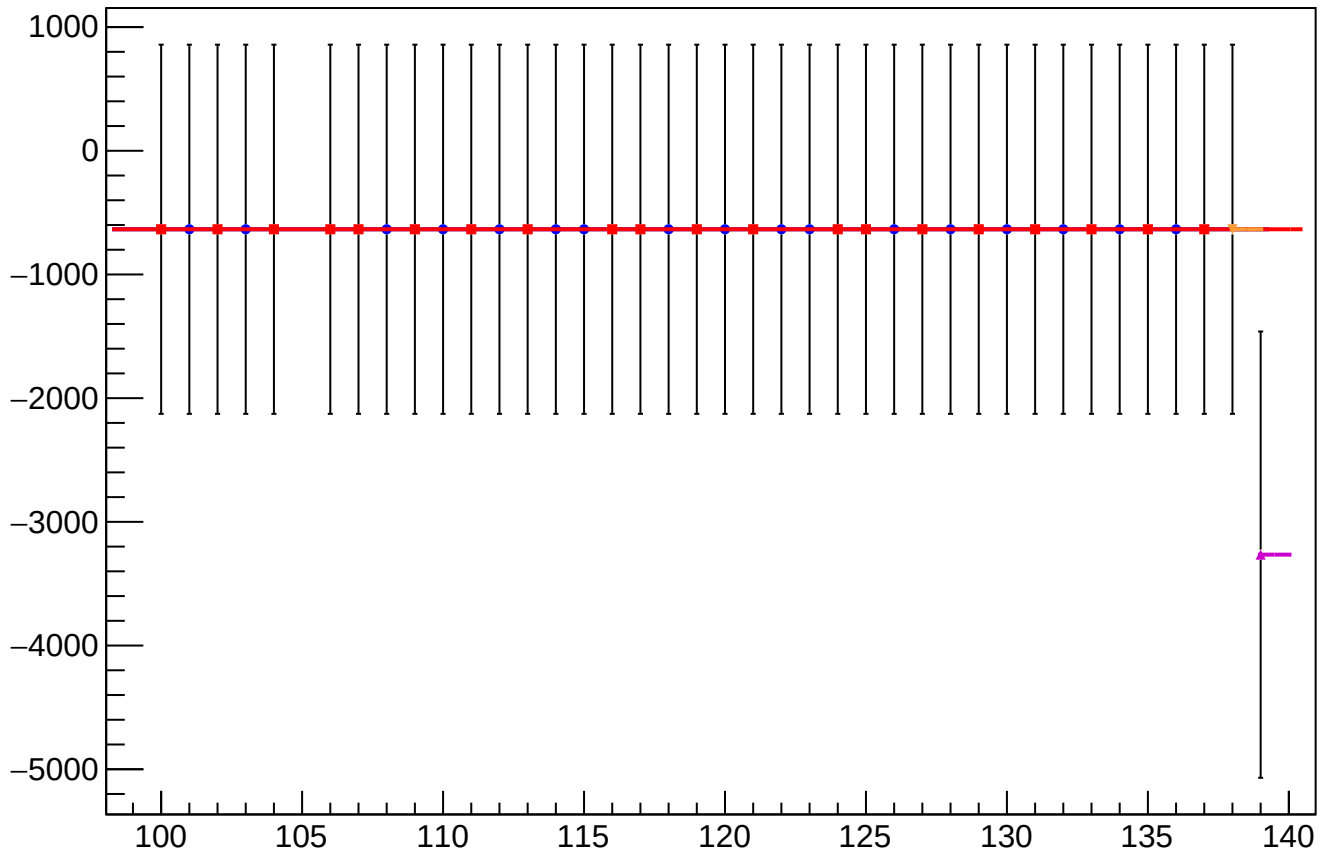
Right Out: 160.881 $\pm$ 0.030 χ^2 /NDF: 0.0/19

Left In: 130.161 $\pm$ 0.132 χ^2 /NDF: 0.0/0

160.881 $\pm$ 0.032 χ^2 /NDF: 0.0/17

159.381 $\pm$ 0.029 χ^2 /NDF: 51458.9/20

asym_sam_48_dd_correction_mean vs Slug



Right In: -634.515+/-361.959 χ^2/NDF : 0.0/16

Left Out: -634.515+/-1492.393 χ^2/NDF : 0.0/0

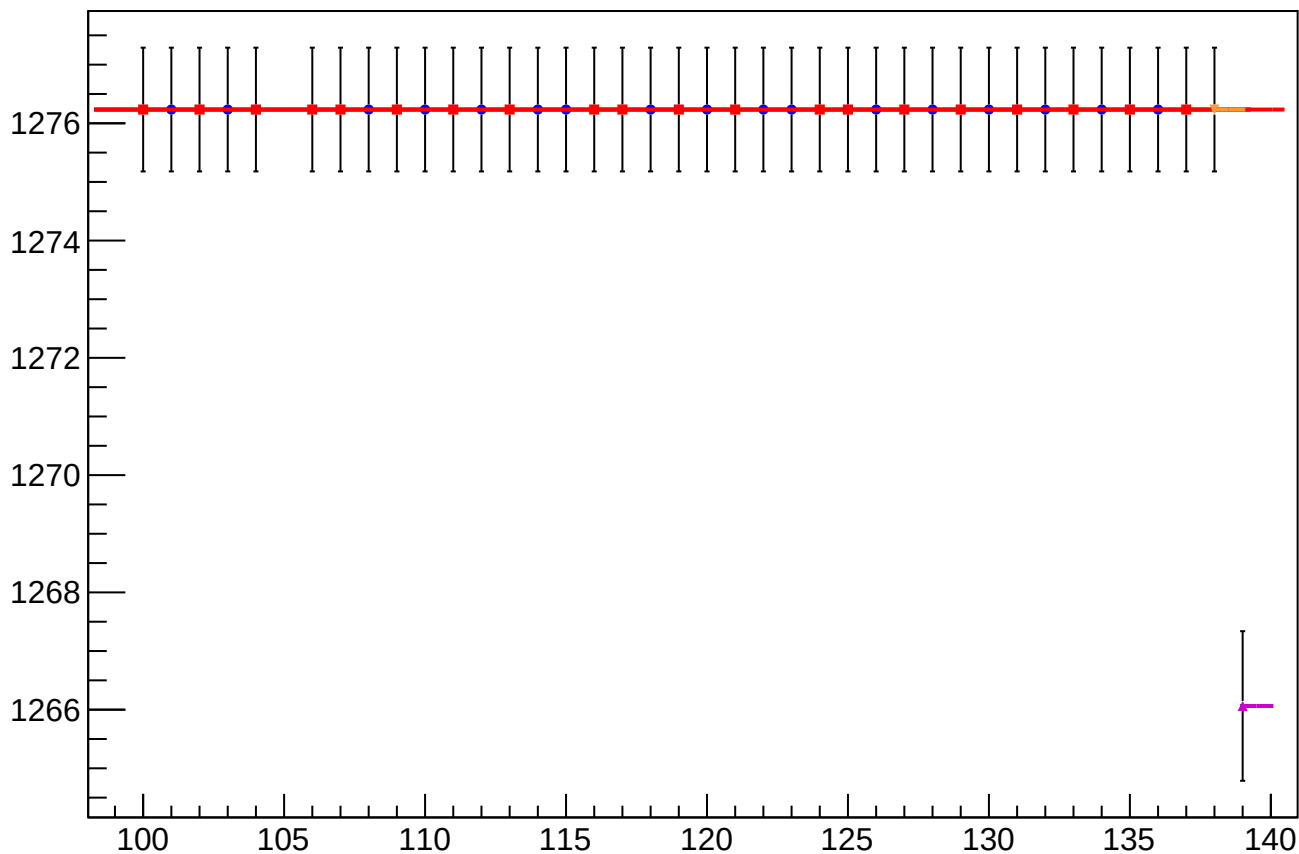
Right Out: -634.515+/-333.709 χ^2/NDF : 0.0/19

Left In: -3265.133+/-1804.091 χ^2/NDF : 0.0/0

-634.515+/-351.760 χ^2/NDF : 0.0/17

-721.545+/-328.143 χ^2/NDF : 2.1/20

asym_sam_48_dd_correction_rms vs Slug



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

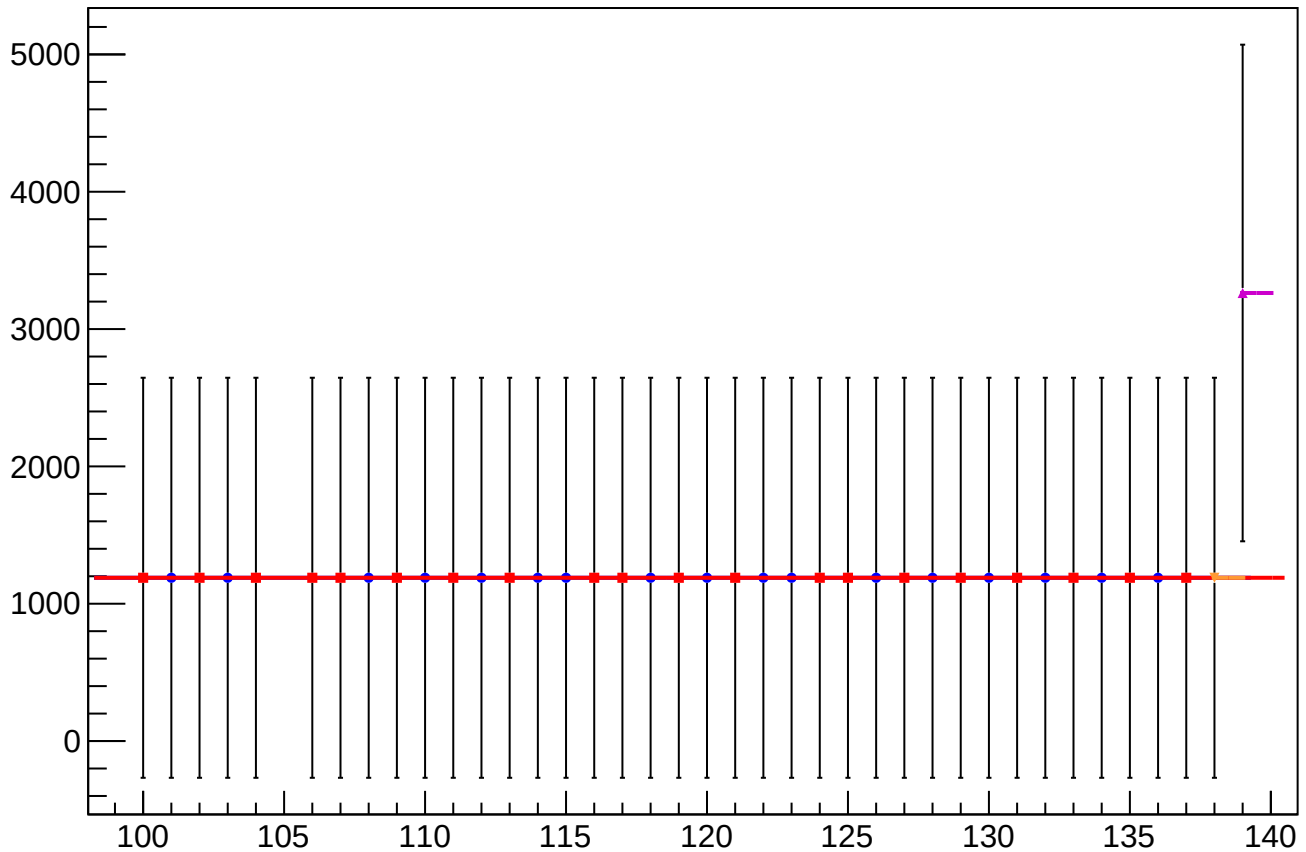
Right Out: 1276.234 $\pm$ 0.236 χ^2 /NDF: 0.0/19

Left In: 1266.063 $\pm$ 1.276 χ^2 /NDF: 0.0/0

1276.234 $\pm$ 0.249 χ^2 /NDF: 0.0/17

1275.898 $\pm$ 0.232 χ^2 /NDF: 61.5/20

asym_sam_48_dd_mean vs Slug



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

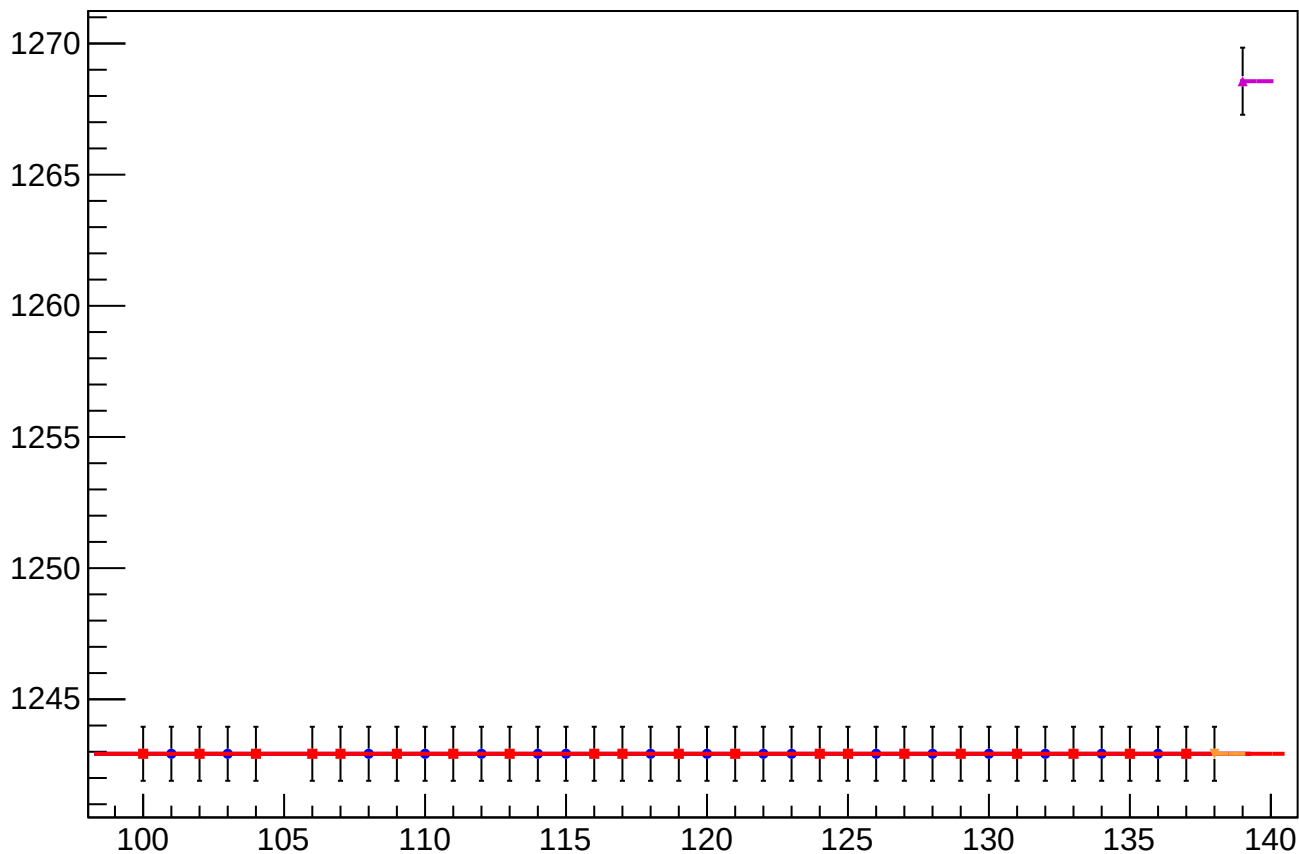
Right Out: 1188.936 $\pm$ 325.702 χ^2 /NDF: 0.0/19

Left In: 3262.754 $\pm$ 1808.246 χ^2 /NDF: 0.0/0

1188.936 $\pm$ 343.320 χ^2 /NDF: 0.0/17

1254.104 $\pm$ 320.544 χ^2 /NDF: 1.3/20

asym_sam_48_dd_rms vs Slug



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

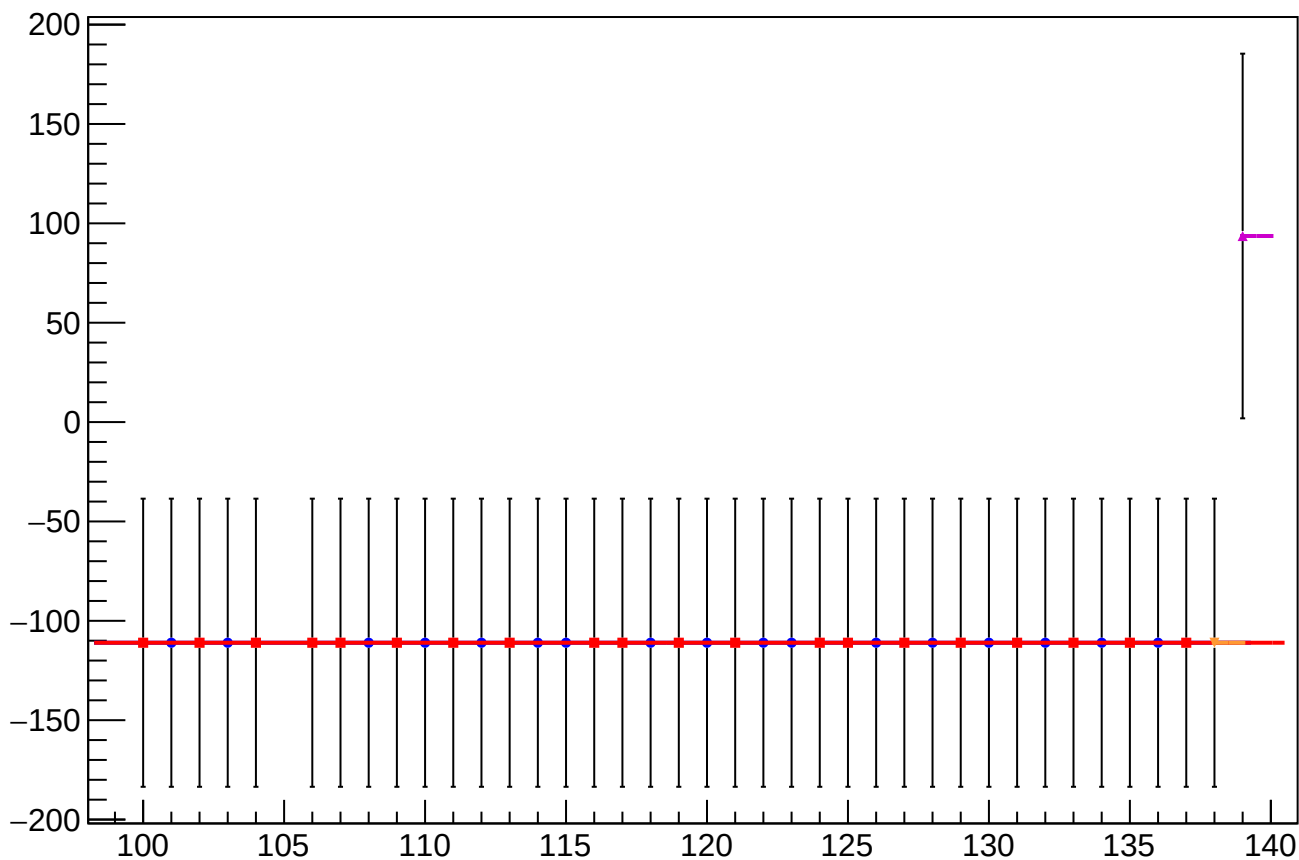
Right Out: 1242.923 $\pm$ 0.230 χ^2 /NDF: 0.0/19

Left In: 1268.563 $\pm$ 1.279 χ^2 /NDF: 0.0/0

1242.923 $\pm$ 0.243 χ^2 /NDF: 0.0/17

1243.729 $\pm$ 0.227 χ^2 /NDF: 389.5/20

dit_asym_sam_13_57_dd_mean vs Slug



Right In: -111.027+/-17.581 χ^2/NDF : 0.0/16

Left Out: -111.027+/-72.490 χ^2/NDF : 0.0/0

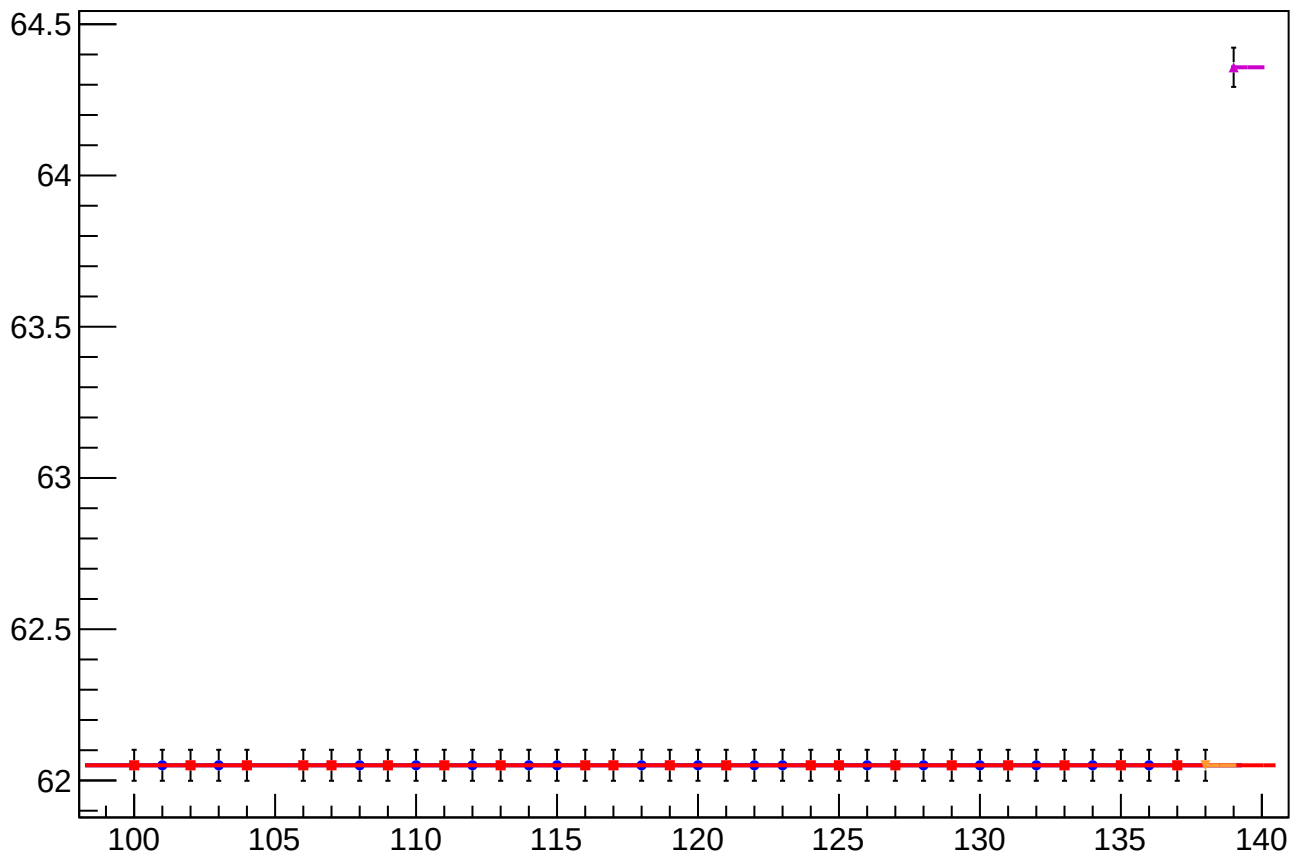
Right Out: -111.027+/-16.209 χ^2/NDF : 0.0/19

Left In: 93.633+/-91.745 χ^2/NDF : 0.0/0

-111.027+/-17.086 χ^2/NDF : 0.0/17

-104.832+/-15.962 χ^2/NDF : 4.8/20

dit_asym_sam_13_57_dd_rms vs Slug



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

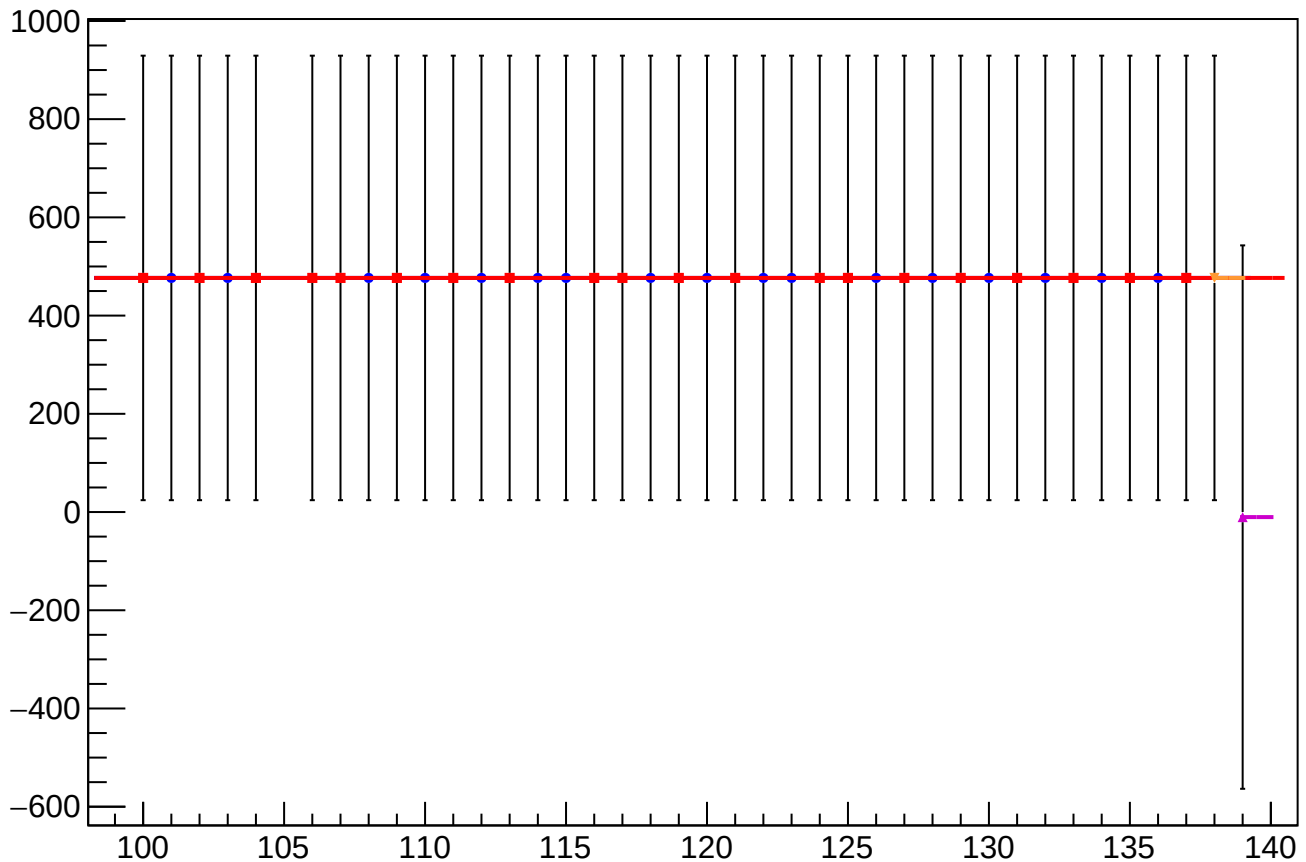
Right Out: 62.050 $\pm$ 0.011 χ^2 /NDF: 0.0/19

Left In: 64.358 $\pm$ 0.065 χ^2 /NDF: 0.0/0

62.050 $\pm$ 0.012 χ^2 /NDF: 0.0/17

62.120 $\pm$ 0.011 χ^2 /NDF: 1226.9/20

asym_sam_13_57_dd_correction_mean vs Slug



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

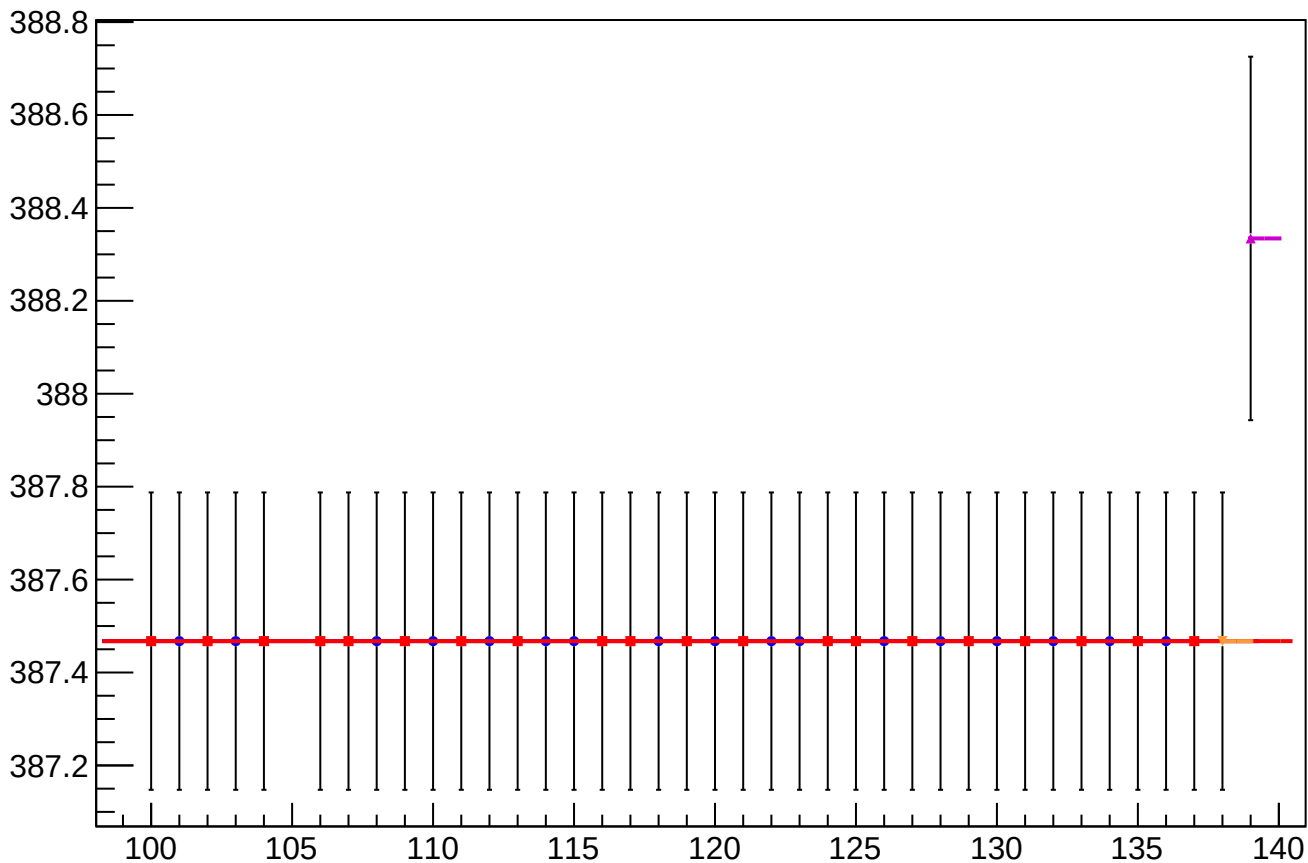
Right Out: 476.700 $\pm$ 101.193 χ^2 /NDF: 0.0/19

Left In: -10.284 $\pm$ 553.248 χ^2 /NDF:0.0/0

476.700 $\pm$ 106.667 χ^2 /NDF: 0.0/17

460.935 $\pm$ 99.542 χ^2 /NDF: 0.7/20

asym_sam_13_57_dd_correction_rms vs Slug



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

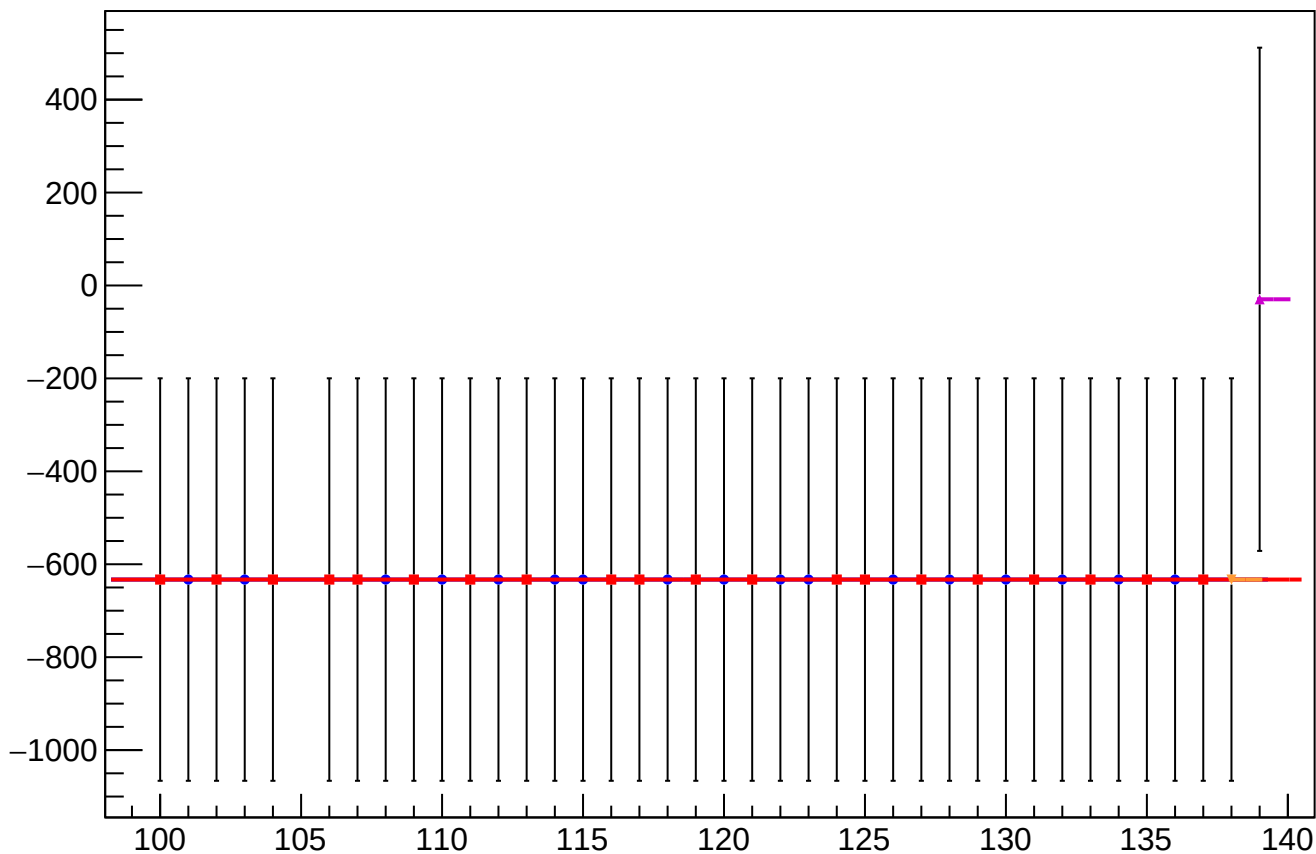
Right Out: 387.468 $\pm$ 0.072 χ^2 /NDF: 0.0/19

Left In: 388.334 $\pm$ 0.391 χ^2 /NDF: 0.0/0

387.468 $\pm$ 0.075 χ^2 /NDF: 0.0/17

387.496 $\pm$ 0.070 χ^2 /NDF: 4.7/20

asym_sam_13_57_dd_mean vs Slug



Right In: -632.956+/-105.052 χ^2/NDF : 0.0/16

Left Out: -632.956+/-433.142 χ^2/NDF : 0.0/0

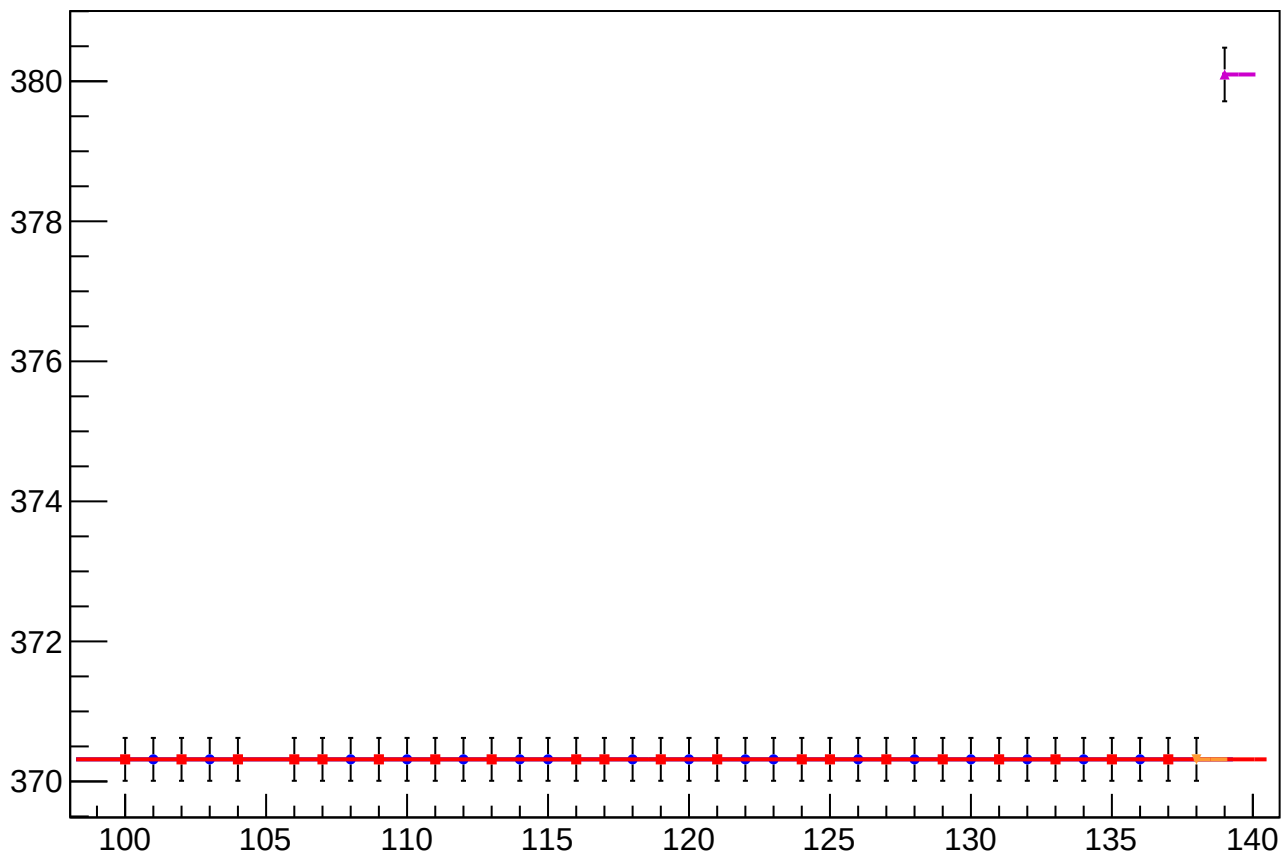
Right Out: -632.956+/-96.854 χ^2/NDF : 0.0/19

Left In: -29.720+/-541.565 χ^2/NDF : 0.0/0

-632.956+/-102.093 χ^2/NDF : 0.0/17

-614.260+/-95.341 χ^2/NDF : 1.2/20

asym_sam_13_57_dd_rms vs Slug



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

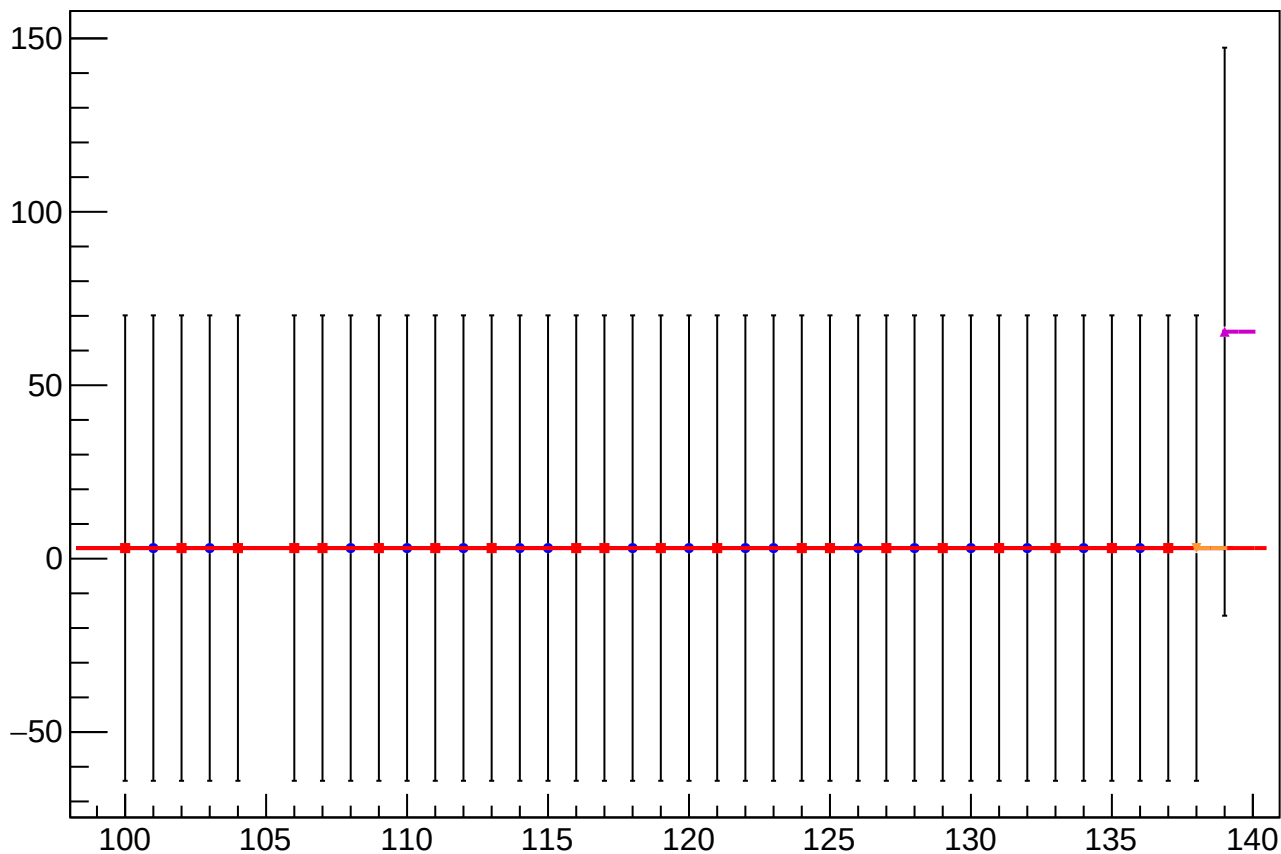
Right Out: 370.315 $\pm$ 0.068 χ^2 /NDF: 0.0/19

Left In: 380.097 $\pm$ 0.383 χ^2 /NDF: 0.0/0

370.315 $\pm$ 0.072 χ^2 /NDF: 0.0/17

370.619 $\pm$ 0.067 χ^2 /NDF: 632.2/20

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 3.051+/-16.273 χ^2/NDF : 0.0/16

Left Out: 3.051+/-67.096 χ^2/NDF : 0.0/0

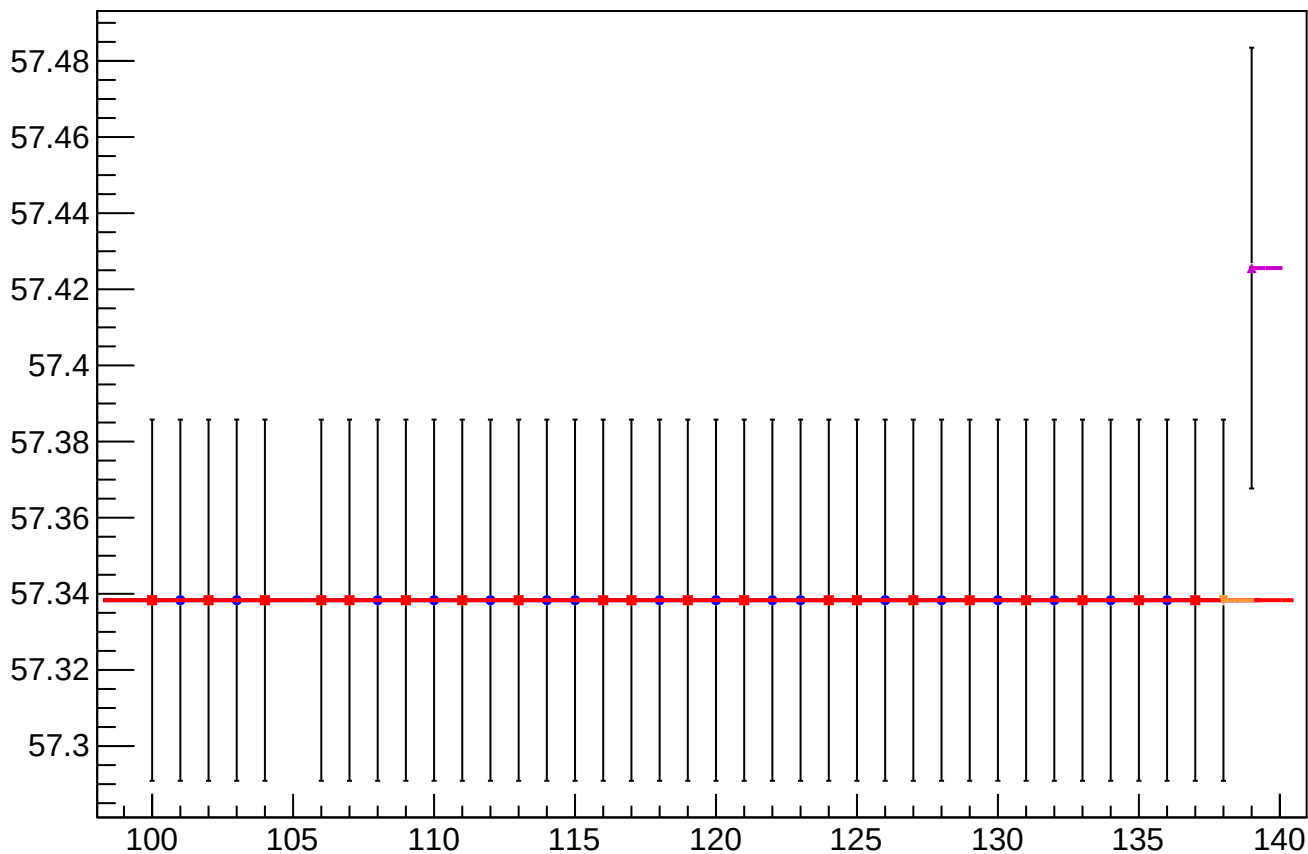
Right Out: 3.051+/-15.003 χ^2/NDF : 0.0/19

Left In: 65.441+/-81.885 χ^2/NDF : 0.0/0

3.051+/-15.815 χ^2/NDF : 0.0/17

5.077+/-14.757 χ^2/NDF : 0.6/20

dit_asym_sam_15_37_dd_rms vs Slug



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

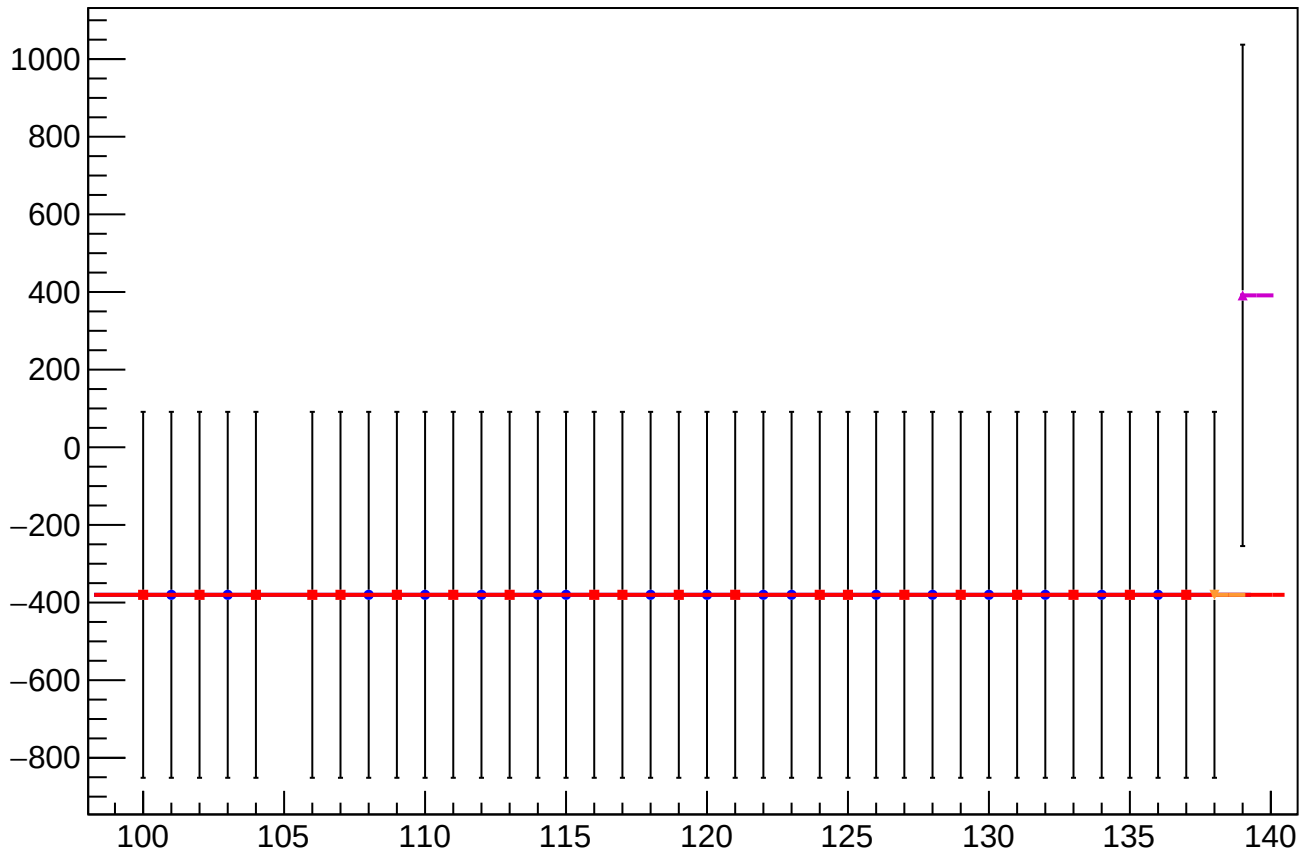
Right Out: 57.338 $\pm$ 0.011 χ^2 /NDF: 0.0/19

Left In: 57.426 $\pm$ 0.058 χ^2 /NDF: 0.0/0

57.338 $\pm$ 0.011 χ^2 /NDF: 0.0/17

57.341 $\pm$ 0.010 χ^2 /NDF: 2.2/20

asym_sam_15_37_dd_correction_mean vs Slug



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

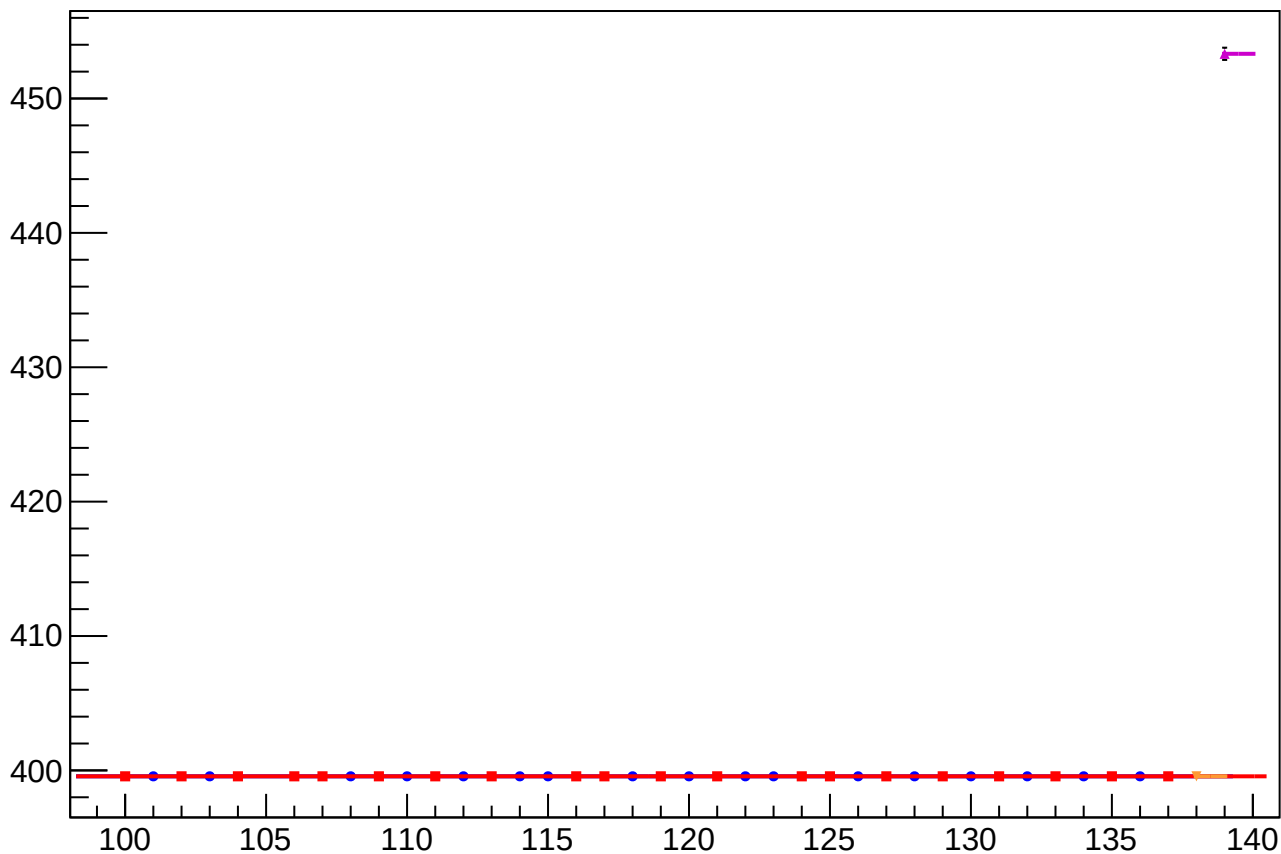
Right Out: -380.097 $\pm$ 105.397 χ^2 /NDF: 0.0/19

Left In: 391.304 $\pm$ 645.818 χ^2 /NDF: 0.0/0

-380.097 $\pm$ 111.098 χ^2 /NDF: 0.0/17

-360.084 $\pm$ 104.021 χ^2 /NDF: 1.4/20

asym_sam_15_37_dd_correction_rms vs Slug



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

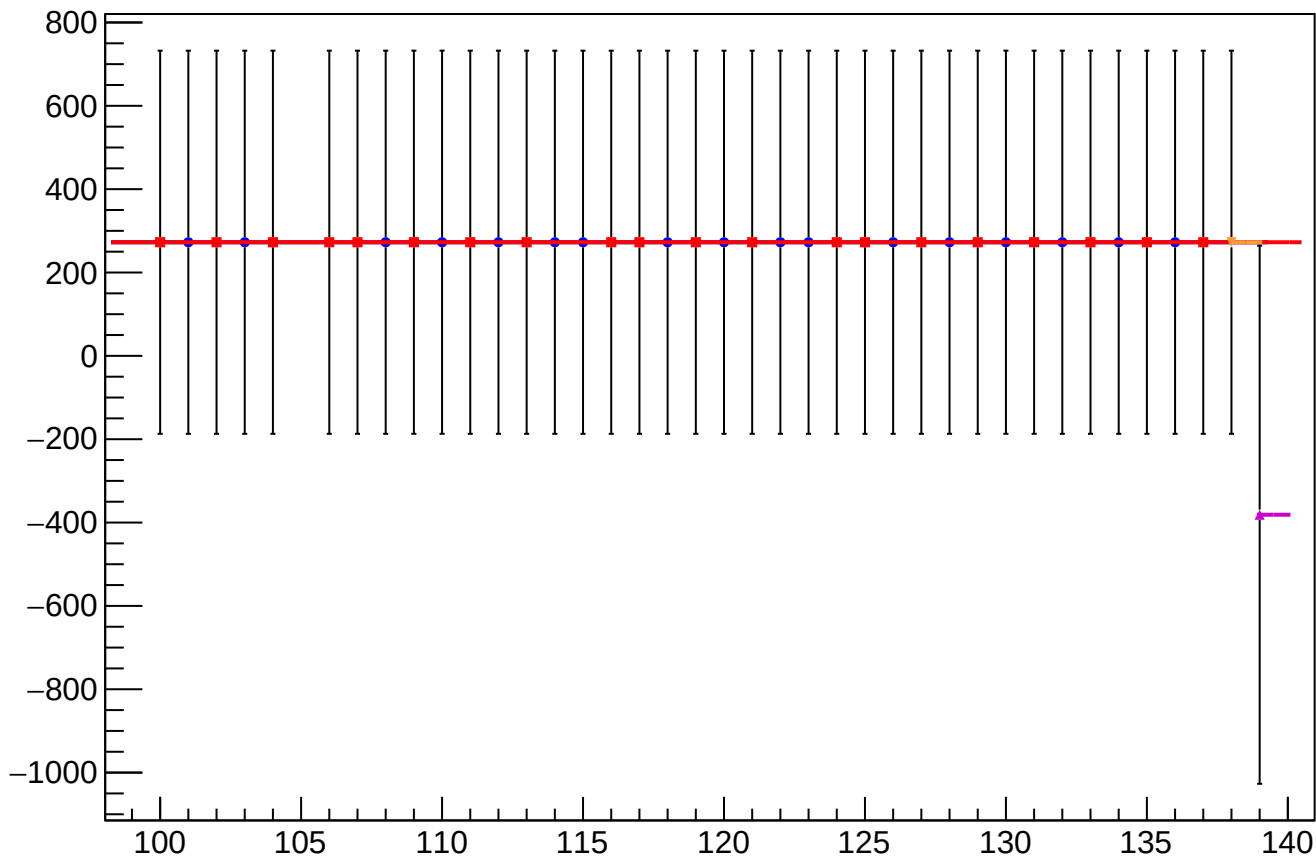
Right Out: 399.559 $\pm$ 0.075 χ^2 /NDF: 0.0/19

Left In: 453.326 $\pm$ 0.457 χ^2 /NDF: 0.0/0

399.559 $\pm$ 0.079 χ^2 /NDF: 0.0/17

400.954 $\pm$ 0.074 χ^2 /NDF: 13502.8/20

asym_sam_15_37_dd_mean vs Slug



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

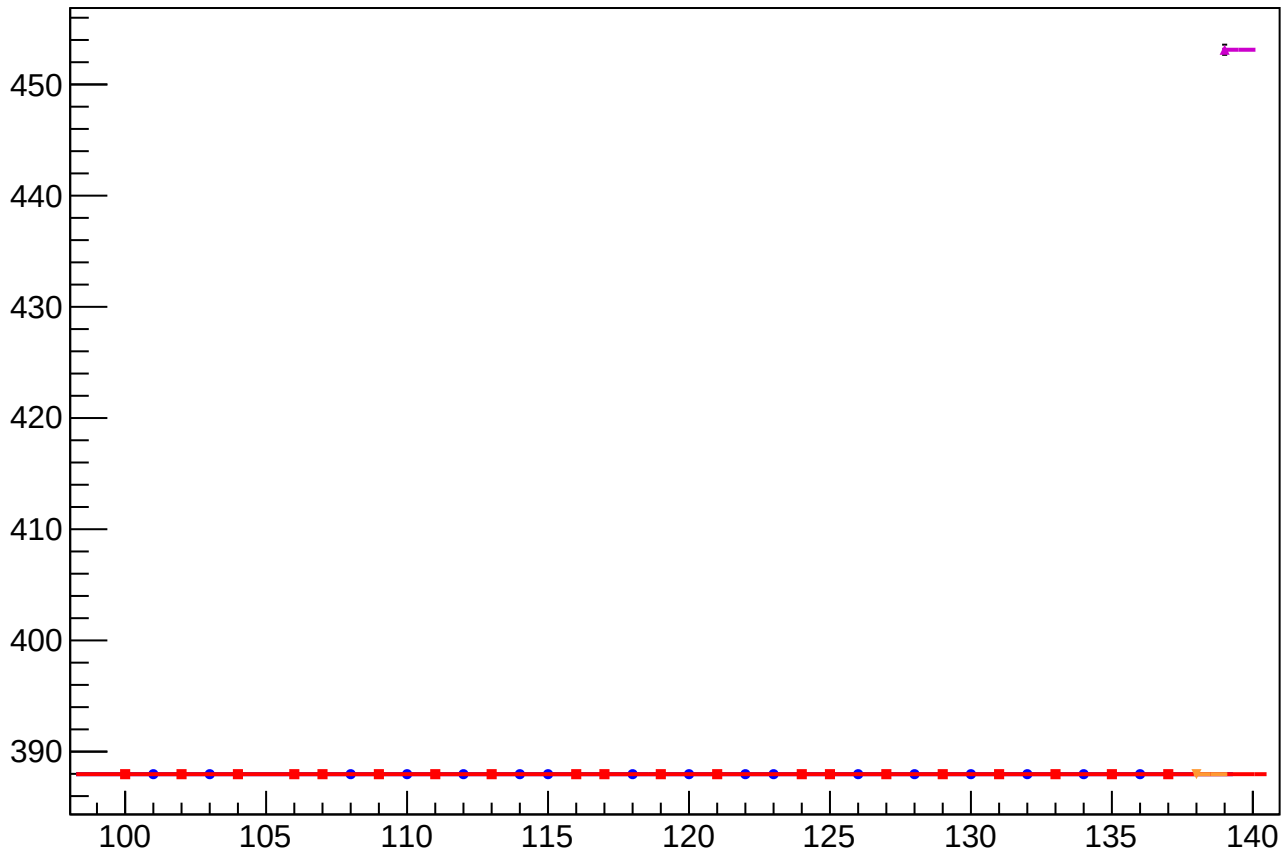
Right Out: 272.633 $\pm$ 102.792 χ^2 /NDF: 0.0/19

Left In: -381.203 $\pm$ 645.666 χ^2 /NDF: 0.0/0

272.633 $\pm$ 108.353 χ^2 /NDF: 0.0/17

256.470 $\pm$ 101.514 χ^2 /NDF: 1.0/20

asym_sam_15_37_dd_rms vs Slug



Right In: 387.970+/-0.079 χ^2/NDF : 0.0/16

Left Out: 387.970+/-0.325 χ^2/NDF : 0.0/0

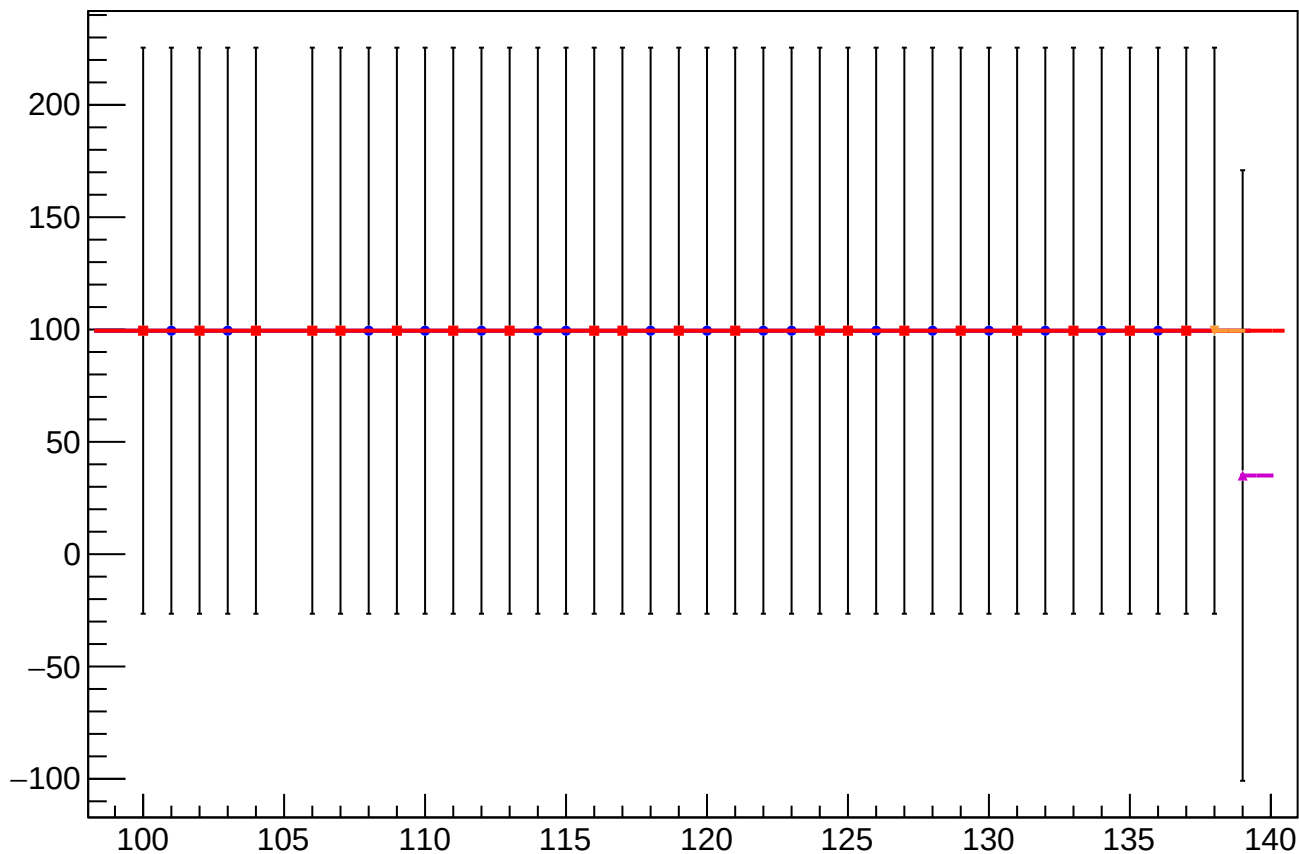
Right Out: 387.970+/-0.073 χ^2/NDF : 0.0/19

Left In: 453.121+/-0.457 χ^2/NDF : 0.0/0

387.970+/-0.077 χ^2/NDF : 0.0/17

389.581+/-0.072 χ^2/NDF : 19860.3/20

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 99.476+/-30.557 χ^2/NDF : 0.0/16

Left Out: 99.476+/-125.989 χ^2/NDF : 0.0/0

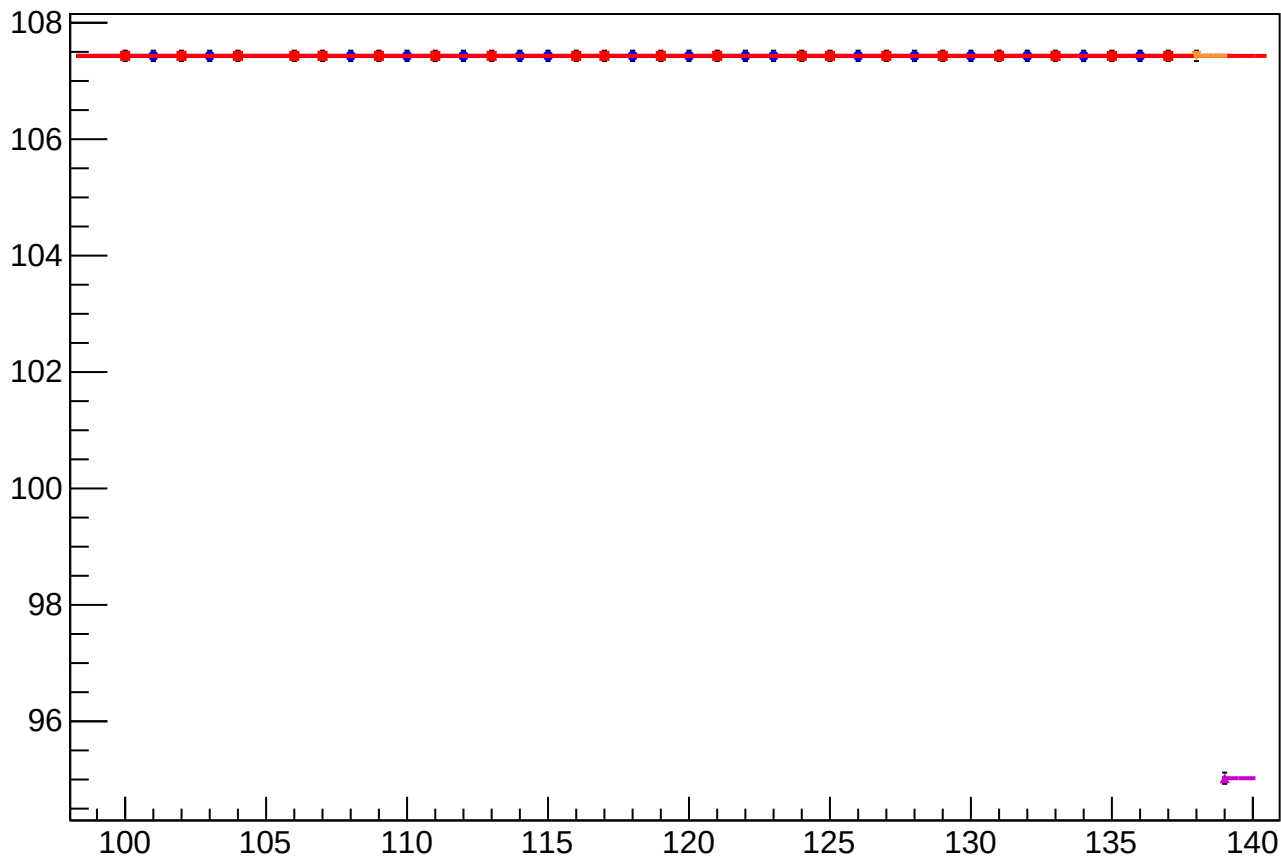
Right Out: 99.476+/-28.172 χ^2/NDF : 0.0/19

Left In: 35.017+/-135.892 χ^2/NDF : 0.0/0

99.476+/-29.696 χ^2/NDF : 0.0/17

96.820+/-27.585 χ^2/NDF : 0.2/20

dit_asym_sam_24_68_dd_rms vs Slug



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

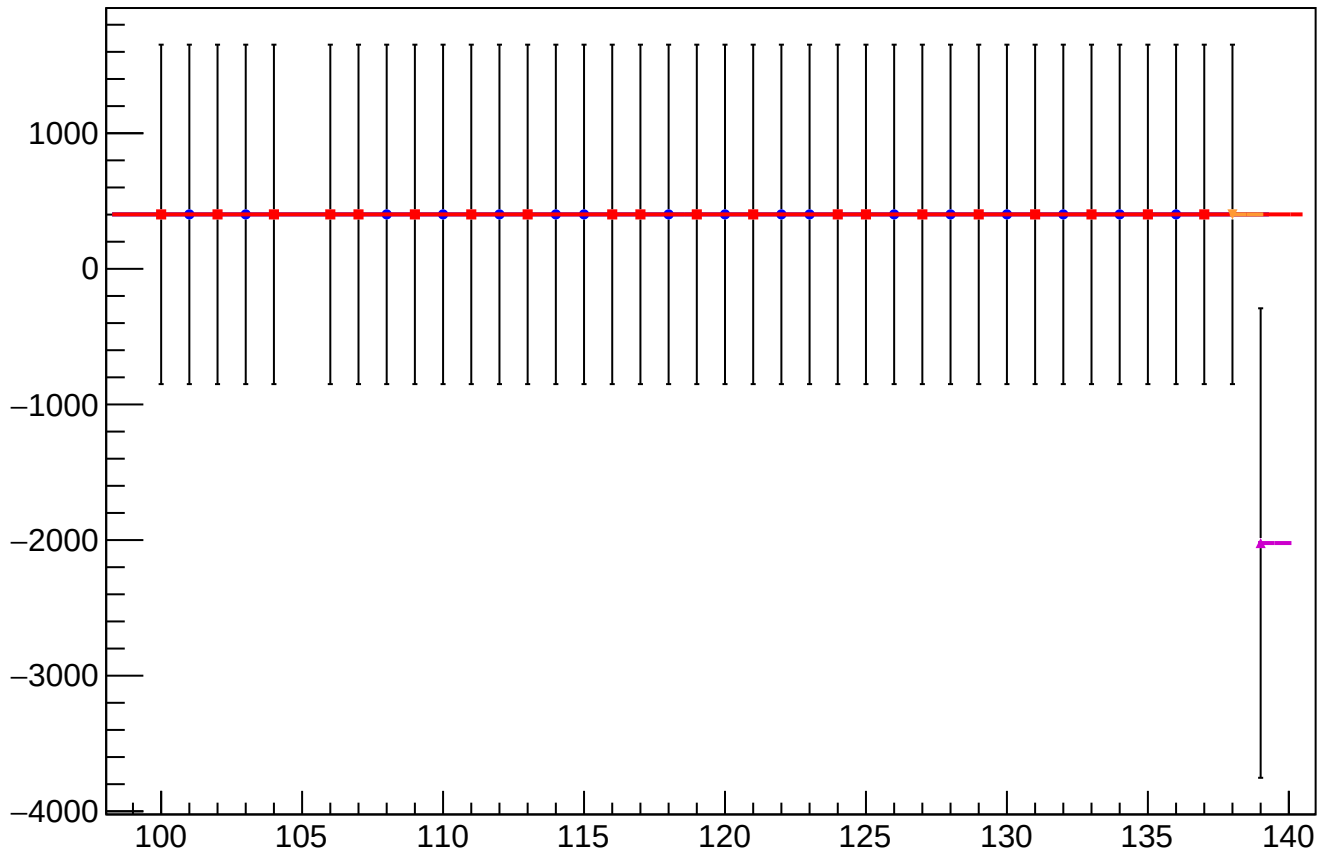
Right Out: 107.432 $\pm$ 0.020 χ^2 /NDF: 0.0/19

Left In: 95.023 $\pm$ 0.096 χ^2 /NDF: 0.0/0

107.432 $\pm$ 0.021 χ^2 /NDF: 0.0/17

106.920 $\pm$ 0.020 χ^2 /NDF: 15990.0/20

asym_sam_24_68_dd_correction_mean vs Slug



Right In: 401.519+/-303.529 χ^2/NDF : 0.0/16

Left Out: 401.519+/-1251.480 χ^2/NDF : 0.0/0

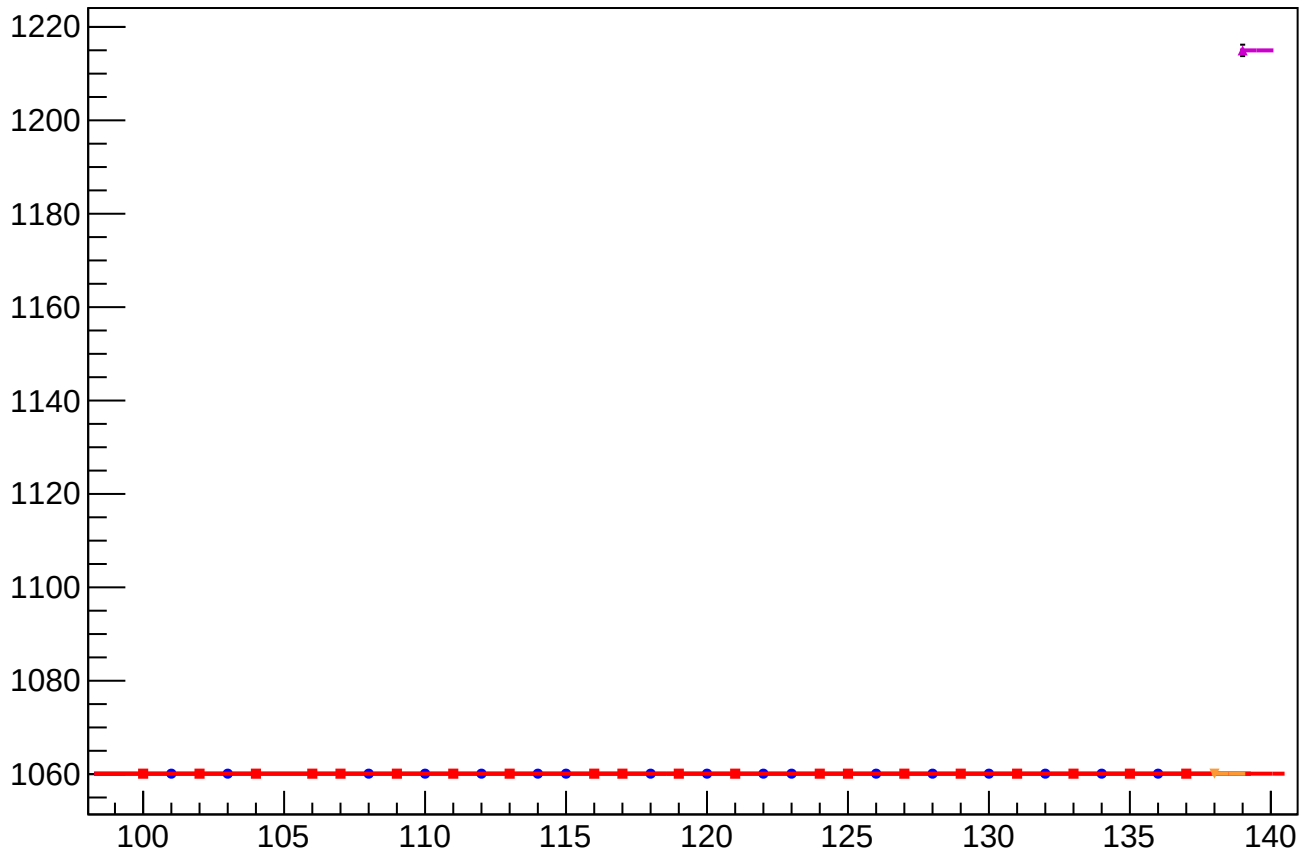
Right Out: 401.519+/-279.840 χ^2/NDF : 0.0/19

Left In: -2021.952+/-1731.051 χ^2/NDF : 0.0/0

401.519+/-294.977 χ^2/NDF : 0.0/17

339.798+/-276.253 χ^2/NDF : 1.9/20

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1060.103+/-0.215 χ^2/NDF : 0.0/16

Left Out: 1060.103+/-0.885 χ^2/NDF : 0.0/0

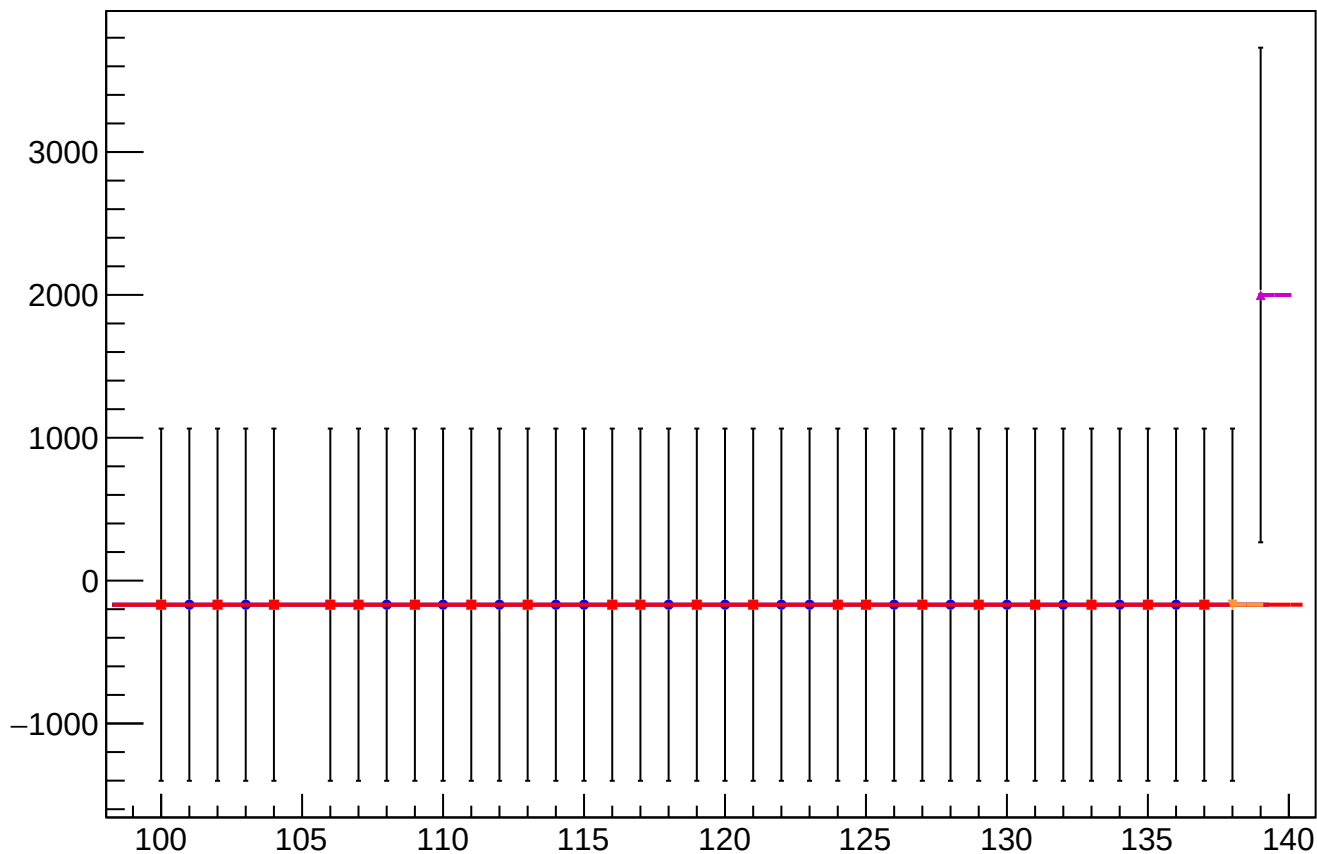
Right Out: 1060.103+/-0.198 χ^2/NDF : 0.0/19

Left In: 1214.979+/-1.224 χ^2/NDF : 0.0/0

1060.103+/-0.209 χ^2/NDF : 0.0/17

1064.048+/-0.195 χ^2/NDF : 15601.7/20

asym_sam_24_68_dd_mean vs Slug



Right In: -168.416+/-298.974 χ^2/NDF : 0.0/16

Left Out: -168.416+/-1232.699 χ^2/NDF : 0.0/0

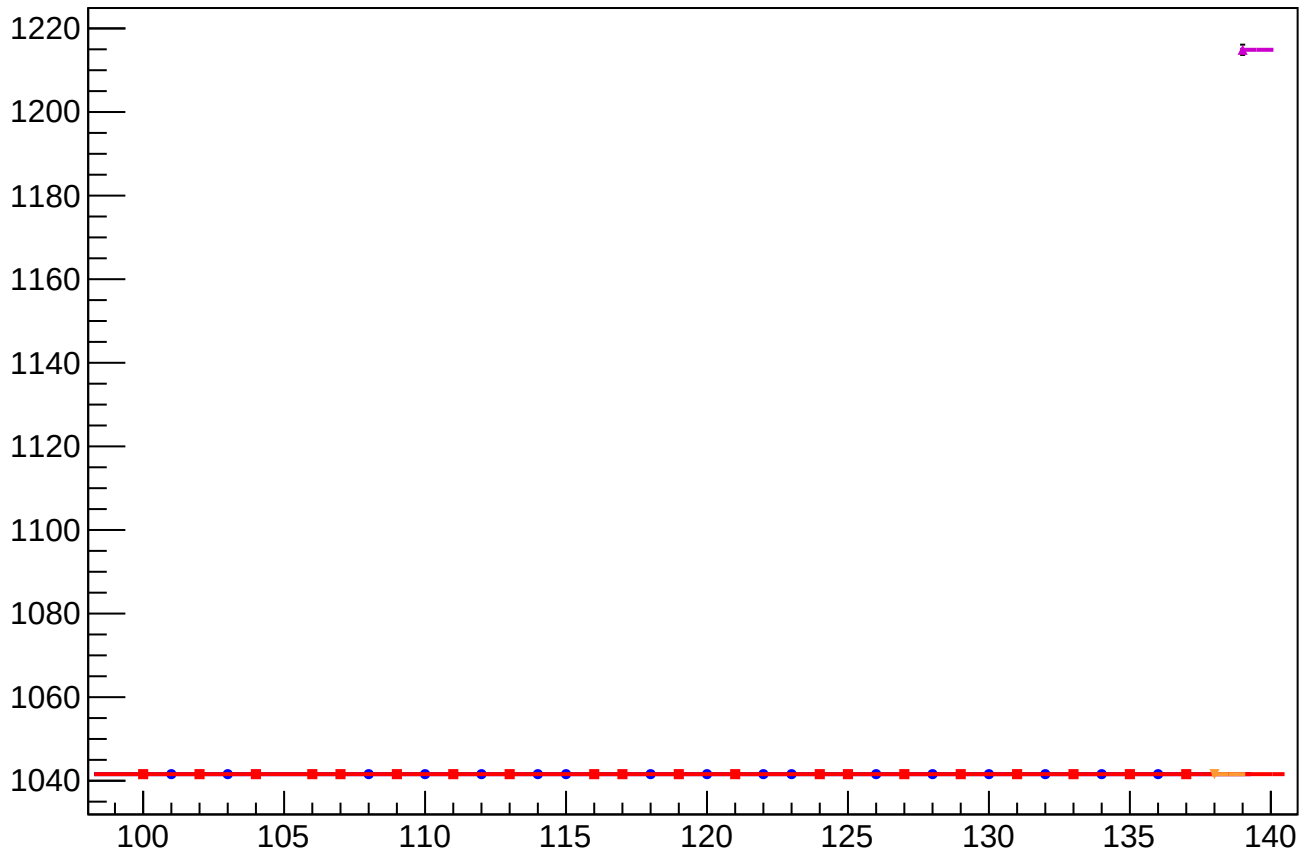
Right Out: -168.416+/-275.640 χ^2/NDF : 0.0/19

Left In: 1999.319+/-1731.145 χ^2/NDF : 0.0/0

-168.416+/-290.550 χ^2/NDF : 0.0/17

-114.818+/-272.211 χ^2/NDF : 1.5/20

asym_sam_24_68_dd_rms vs Slug



Right In: 1041.580 $\pm$ 0.211 χ^2 /NDF: 0.0/16

Left Out: 1041.580 $\pm$ 0.872 χ^2 /NDF: 0.0/0

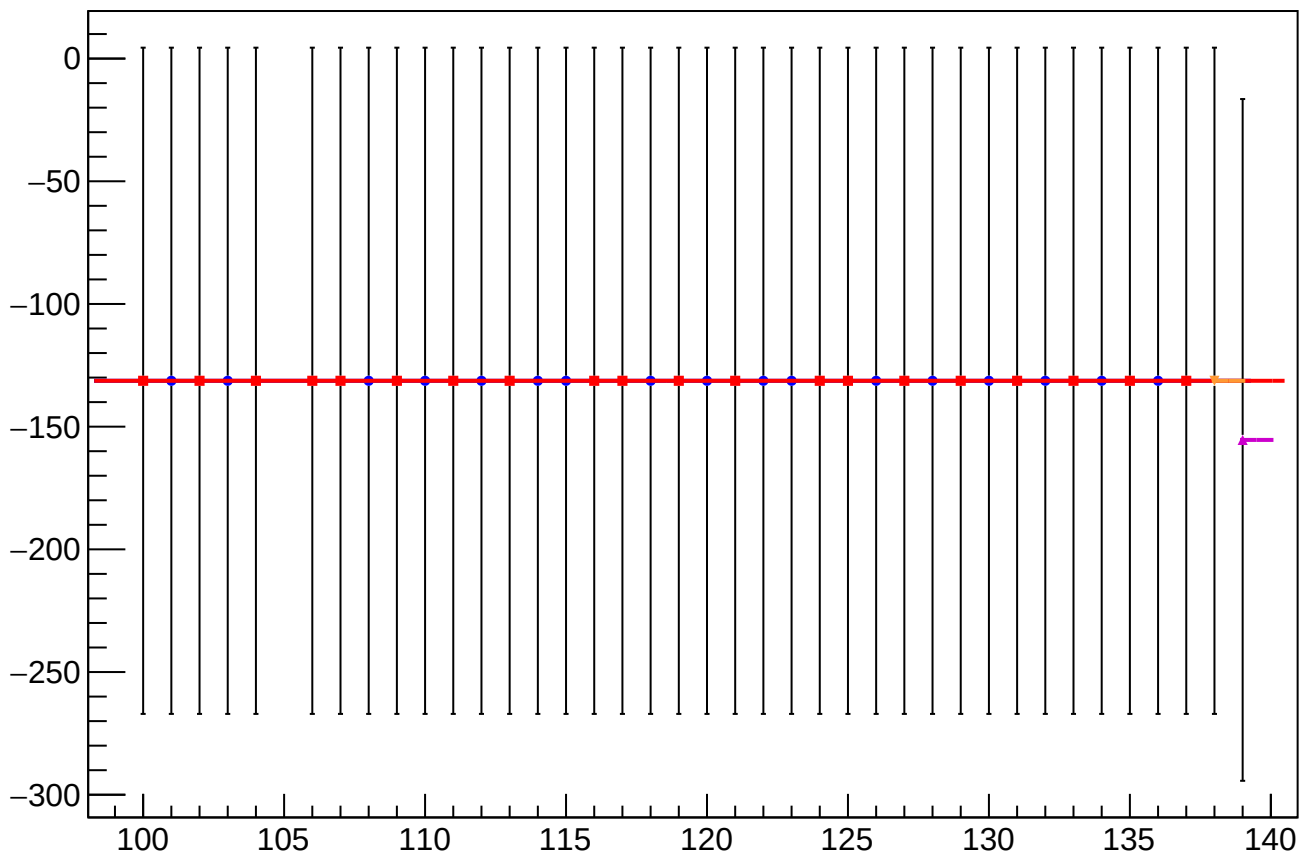
Right Out: 1041.580 $\pm$ 0.195 χ^2 /NDF: 0.0/19

Left In: 1214.888 $\pm$ 1.224 χ^2 /NDF: 0.0/0

1041.580 $\pm$ 0.205 χ^2 /NDF: 0.0/17

1045.865 $\pm$ 0.192 χ^2 /NDF: 19549.2/20

dit_asym_sam_26_48_dd_mean vs Slug



Right In: -131.308+/-32.926 χ^2/NDF : 0.0/16

Left Out: -131.308+/-135.756 χ^2/NDF : 0.0/0

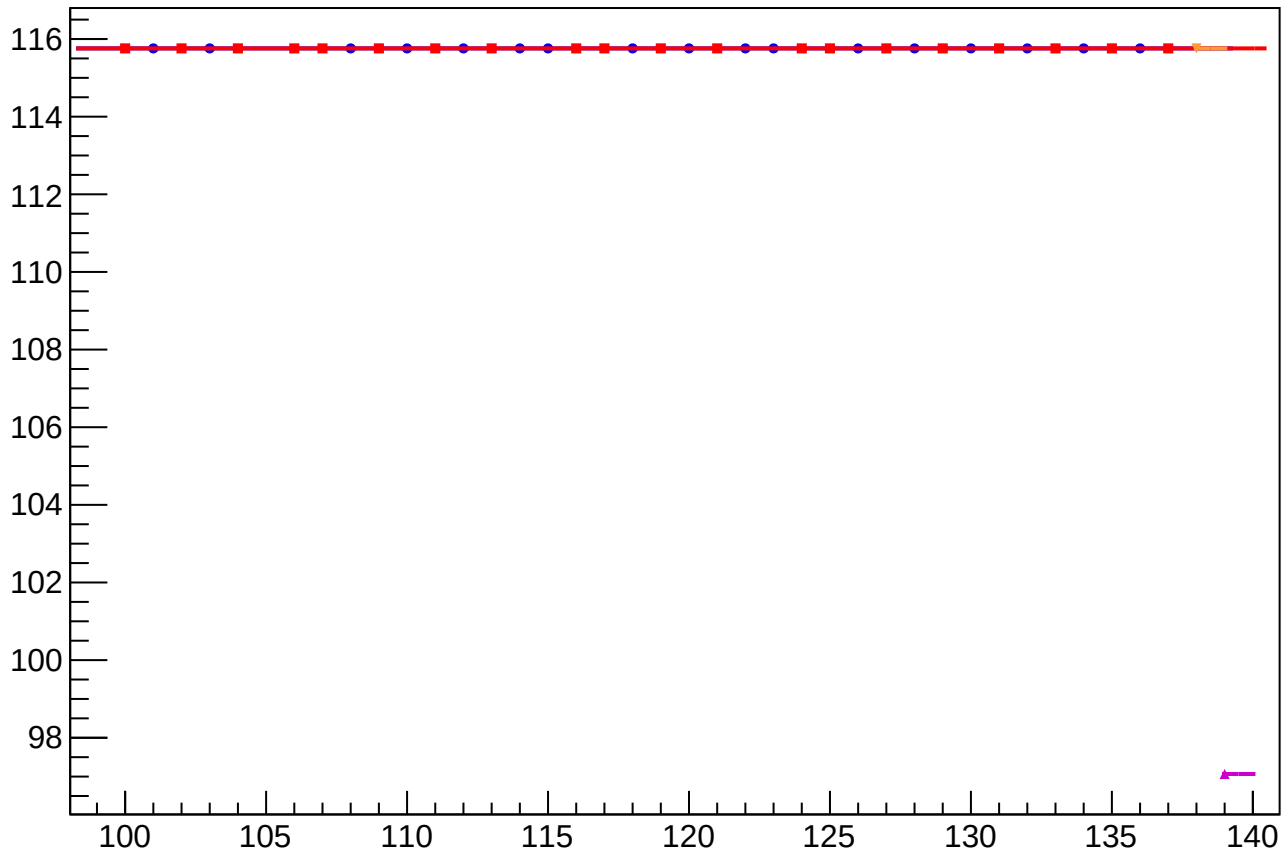
Right Out: -131.308+/-30.356 χ^2/NDF : 0.0/19

Left In: -155.403+/-138.917 χ^2/NDF : 0.0/0

-131.308+/-31.998 χ^2/NDF : 0.0/17

-132.406+/-29.656 χ^2/NDF : 0.0/20

dit_asym_sam_26_48_dd_rms vs Slug



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

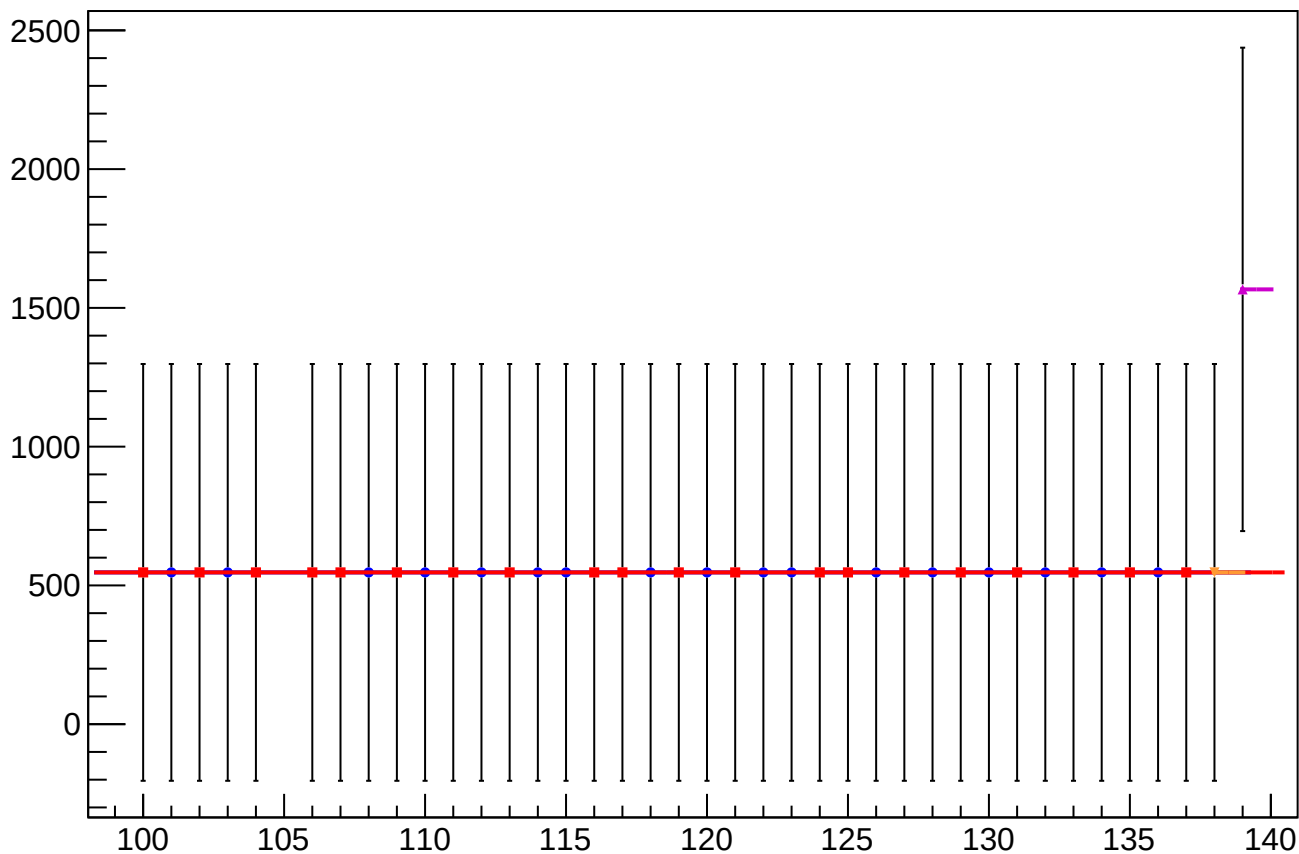
Right Out: 115.759 $\pm$ 0.021 χ^2 /NDF: 0.0/19

Left In: 97.067 $\pm$ 0.098 χ^2 /NDF: 0.0/0

115.759 $\pm$ 0.023 χ^2 /NDF: 0.0/17

114.907 $\pm$ 0.021 χ^2 /NDF: 34559.5/20

asym_sam_26_48_dd_correction_mean vs Slug



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

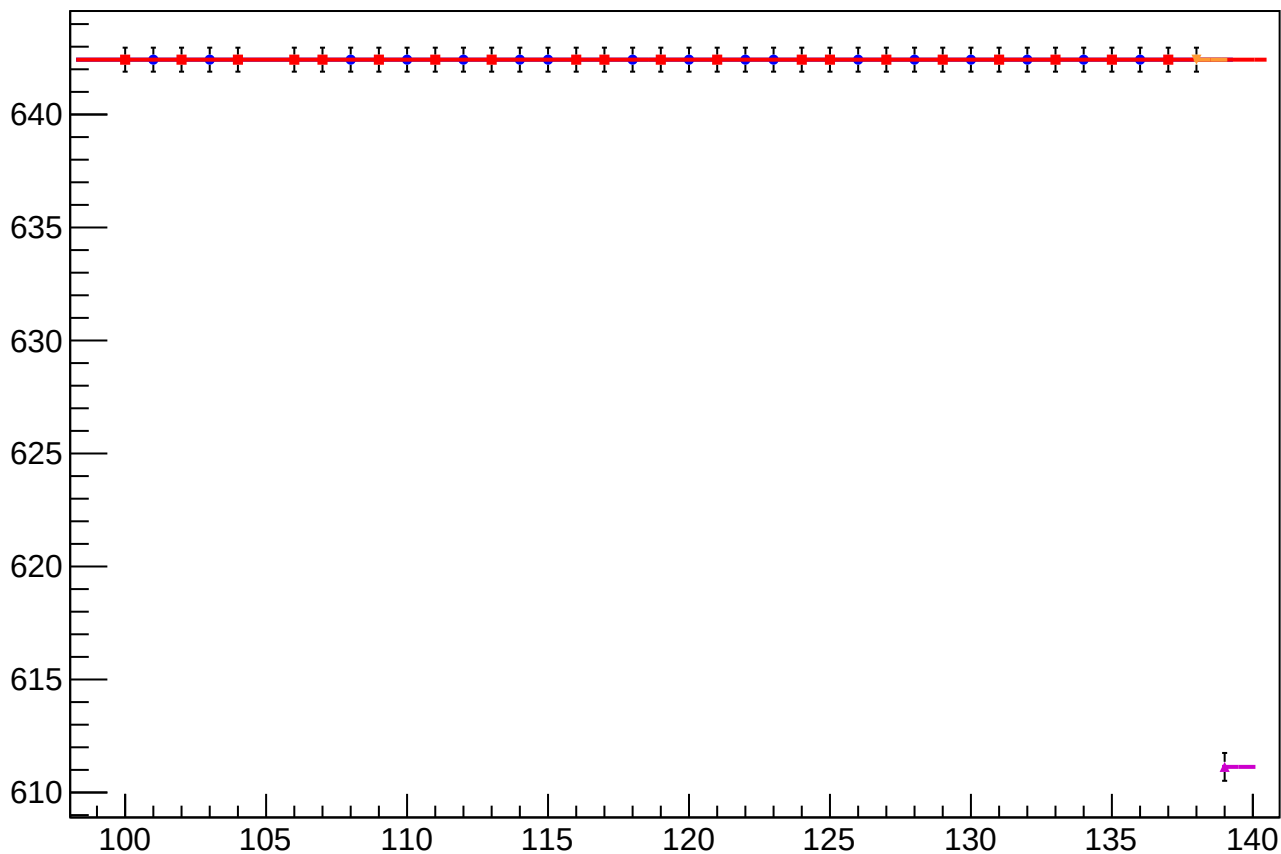
Right Out: 546.906 $\pm$ 167.910 χ^2 /NDF: 0.0/19

Left In: 1566.674 $\pm$ 870.945 χ^2 /NDF: 0.0/0

546.906 $\pm$ 176.993 χ^2 /NDF: 0.0/17

583.451 $\pm$ 164.874 χ^2 /NDF: 1.3/20

asym_sam_26_48_dd_correction_rms vs Slug



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

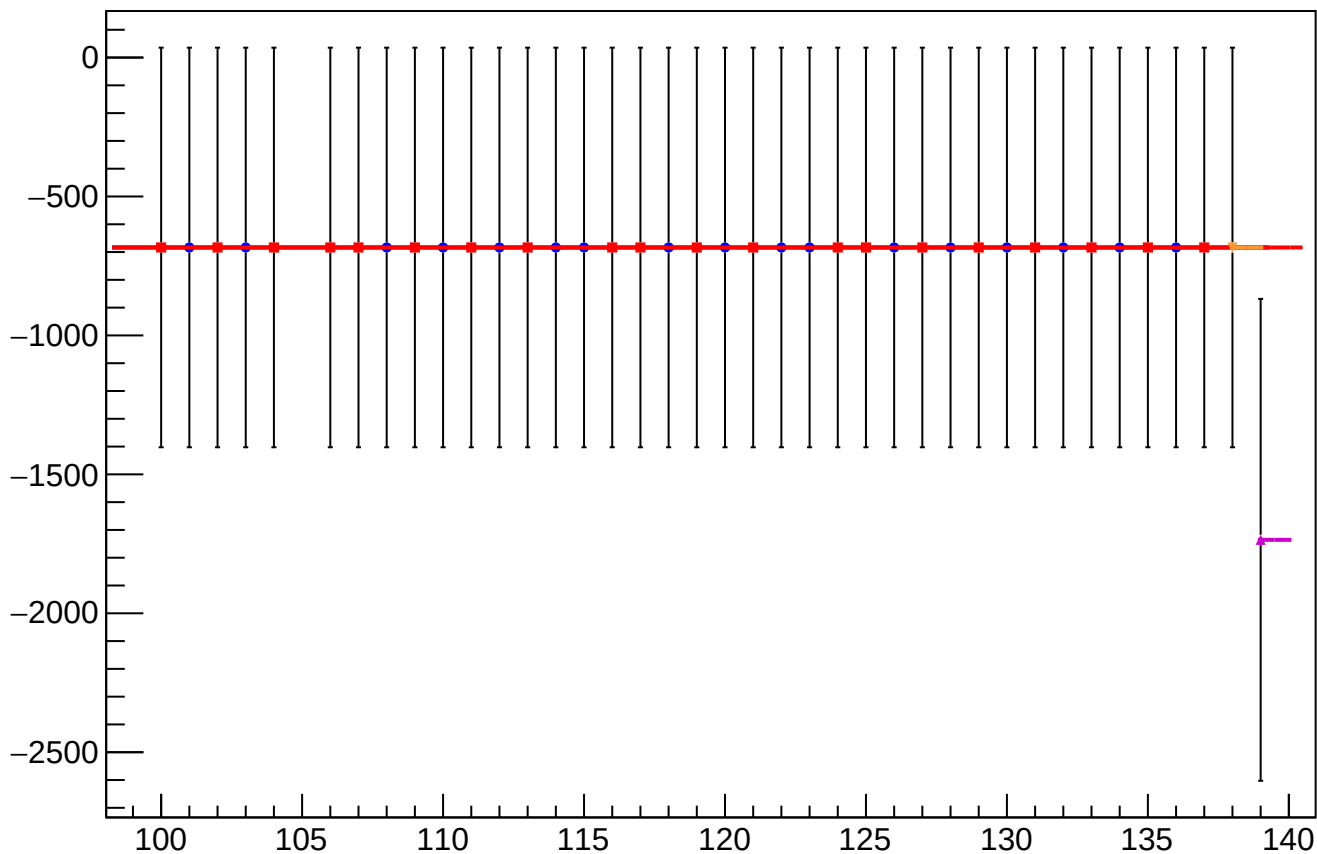
Right Out: 642.426 $\pm$ 0.119 χ^2 /NDF: 0.0/19

Left In: 611.133 $\pm$ 0.616 χ^2 /NDF: 0.0/0

642.426 $\pm$ 0.125 χ^2 /NDF: 0.0/17

641.304 $\pm$ 0.117 χ^2 /NDF: 2489.3/20

asym_sam_26_48_dd_mean vs Slug



Right In: -683.475+/-174.389 χ^2/NDF : 0.0/16

Left Out: -683.475+/-719.022 χ^2/NDF : 0.0/0

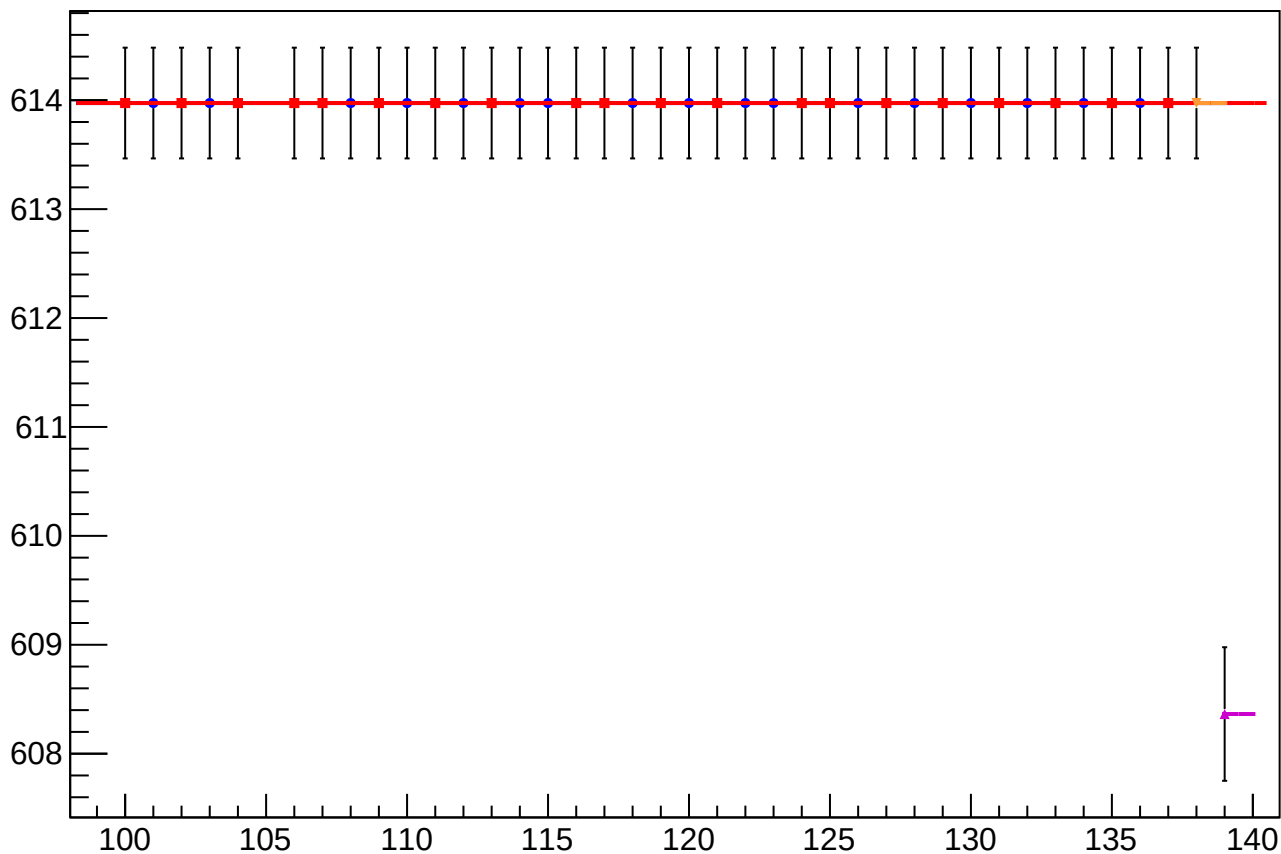
Right Out: -683.475+/-160.778 χ^2/NDF : 0.0/19

Left In: -1735.627+/-867.169 χ^2/NDF : 0.0/0

-683.475+/-169.475 χ^2/NDF : 0.0/17

-718.441+/-158.084 χ^2/NDF : 1.4/20

asym_sam_26_48_dd_rms vs Slug



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

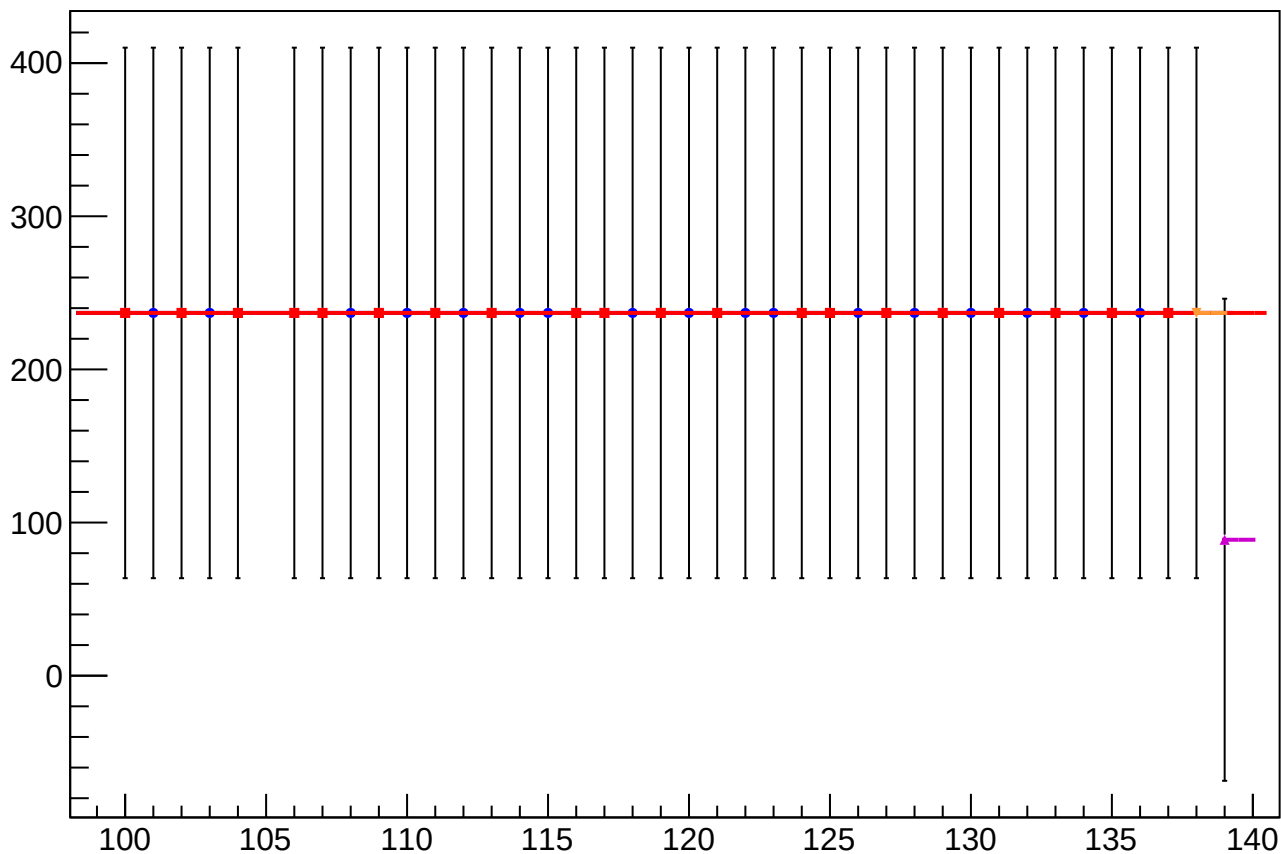
Right Out: 613.974 $\pm$ 0.114 χ^2 /NDF: 0.0/19

Left In: 608.364 $\pm$ 0.613 χ^2 /NDF: 0.0/0

613.974 $\pm$ 0.120 χ^2 /NDF: 0.0/17

613.788 $\pm$ 0.112 χ^2 /NDF: 80.9/20

dit_asym_sam_1548_avg_mean vs Slug



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

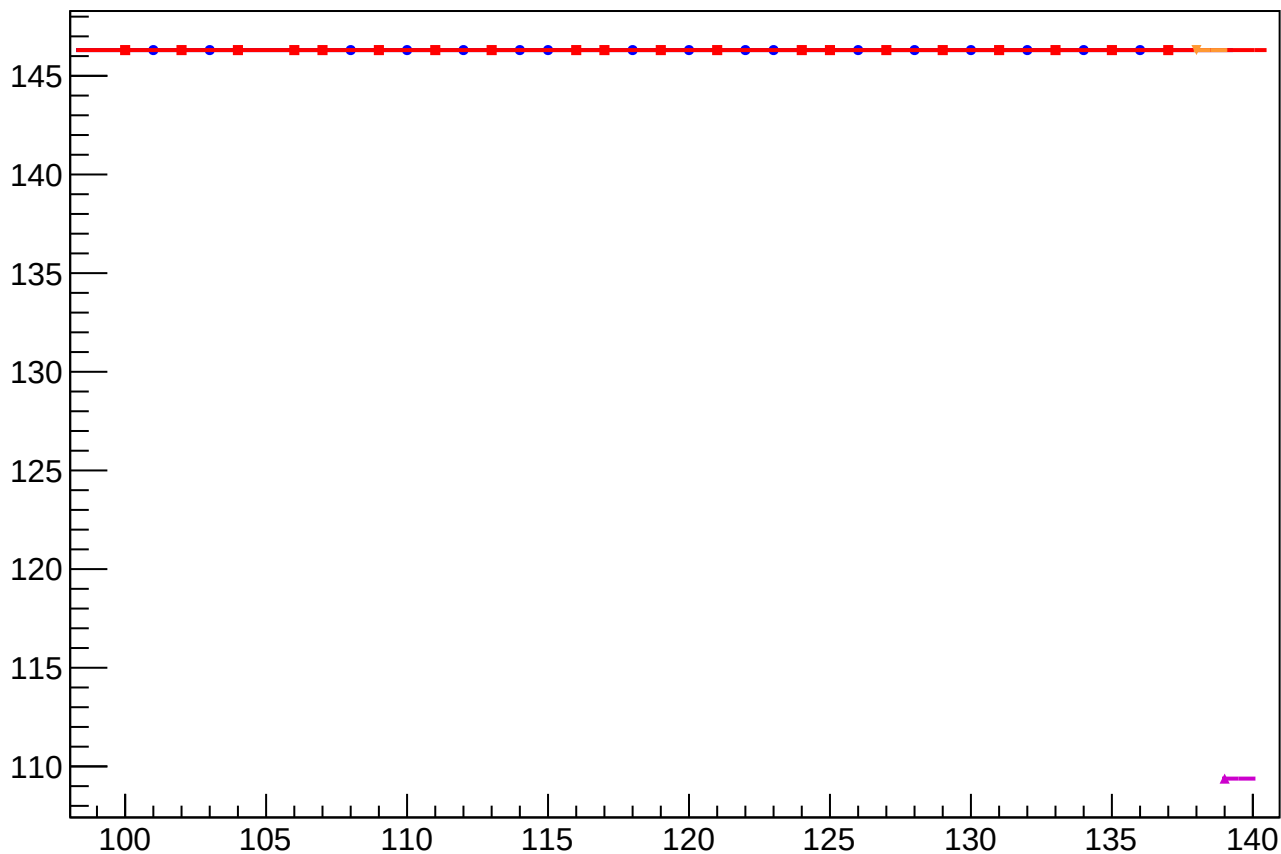
Right Out: 236.881 $\pm$ 38.730 χ^2 /NDF: 0.0/19

Left In: 88.770 $\pm$ 157.399 χ^2 /NDF: 0.0/0

236.881 $\pm$ 40.825 χ^2 /NDF: 0.0/17

228.425 $\pm$ 37.609 χ^2 /NDF: 0.8/20

dit_asym_sam_1548_avg_rms vs Slug



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

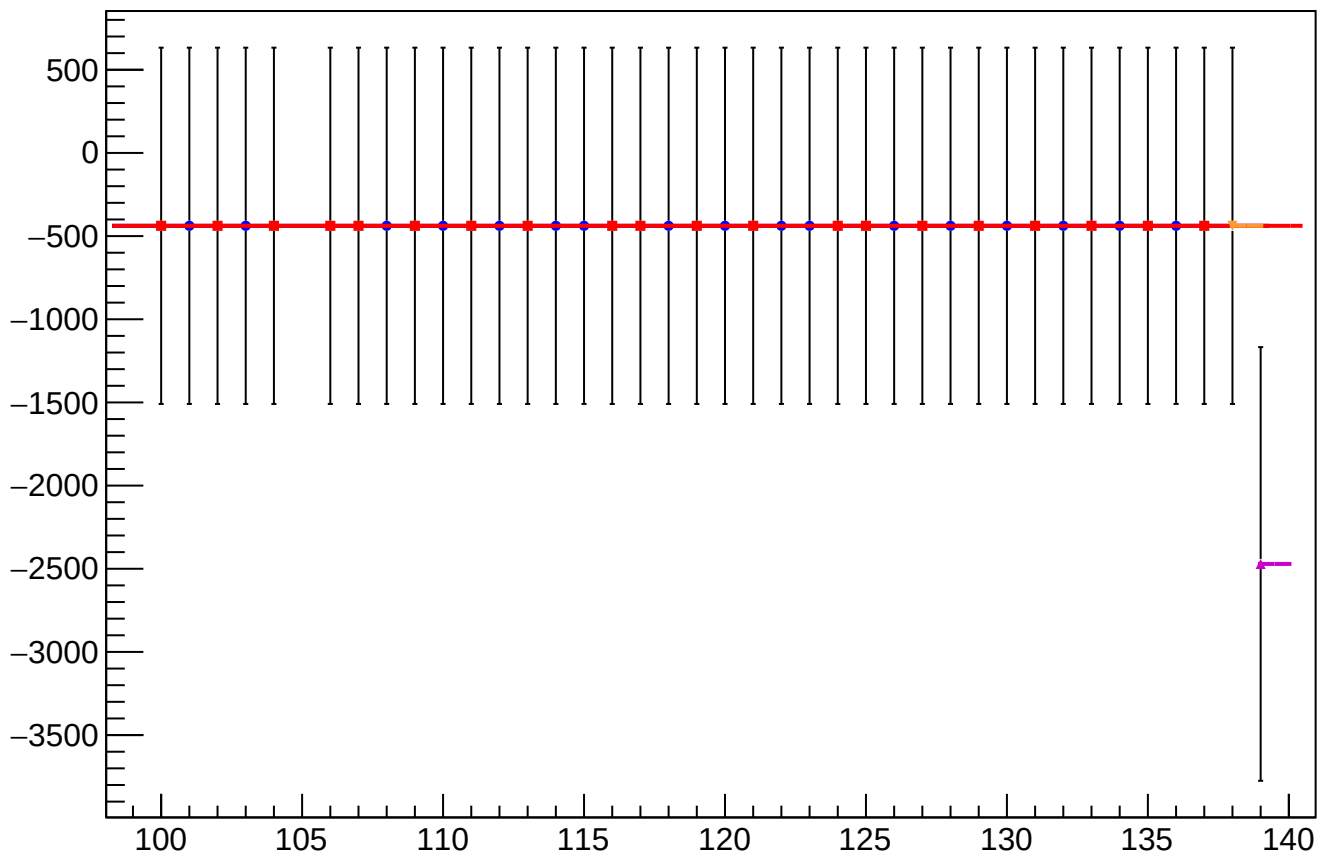
Right Out: 146.305 $\pm$ 0.027 χ^2 /NDF: 0.0/19

Left In: 109.382 $\pm$ 0.111 χ^2 /NDF: 0.0/0

146.305 $\pm$ 0.029 χ^2 /NDF: 0.0/17

144.197 $\pm$ 0.027 χ^2 /NDF: 103773.8/20

asym_sam_1548_avg_correction_mean vs Slug



Right In: -438.169+/-259.758 χ^2/NDF : 0.0/16

Left Out: -438.169+/-1071.010 χ^2/NDF : 0.0/0

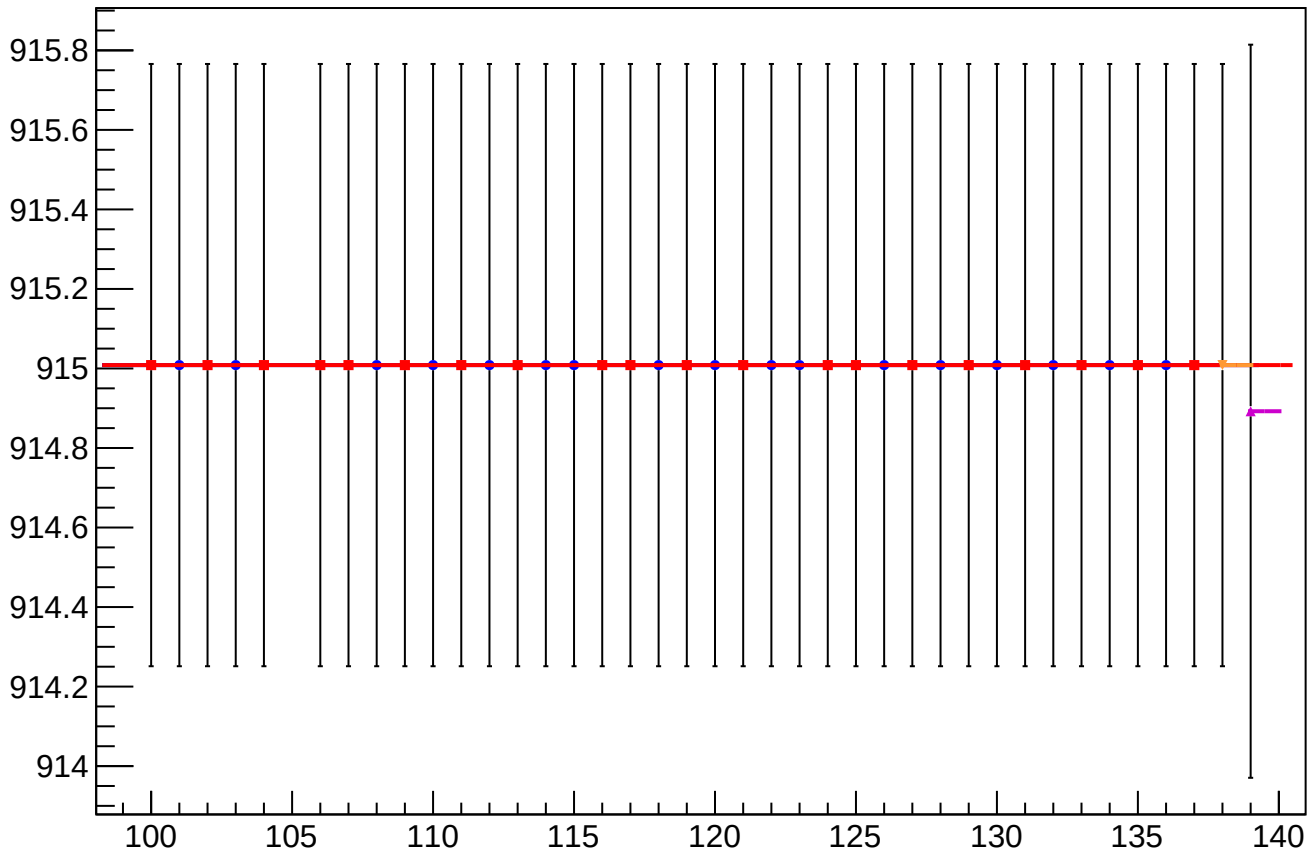
Right Out: -438.169+/-239.485 χ^2/NDF : 0.0/19

Left In: -2471.097+/-1303.710 χ^2/NDF : 0.0/0

-438.169+/-252.440 χ^2/NDF : 0.0/17

-504.529+/-235.544 χ^2/NDF : 2.4/20

asym_sam_1548_avg_correction_rms vs Slug



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

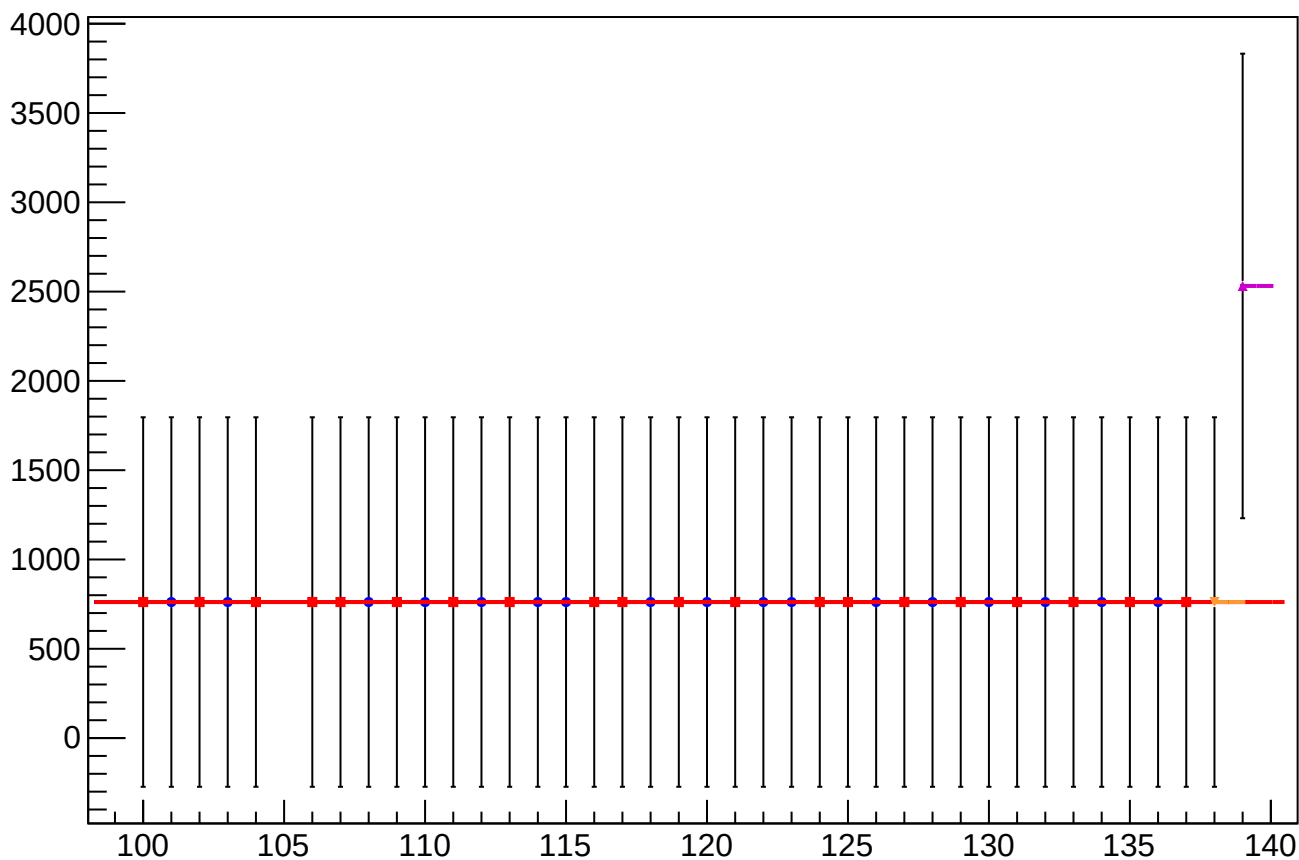
Right Out: 915.008 $\pm$ 0.169 χ^2 /NDF: 0.0/19

Left In: 914.892 $\pm$ 0.922 χ^2 /NDF: 0.0/0

915.008 $\pm$ 0.179 χ^2 /NDF: 0.0/17

915.005 $\pm$ 0.167 χ^2 /NDF: 0.0/20

asym_sam_1548_avg_mean vs Slug



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

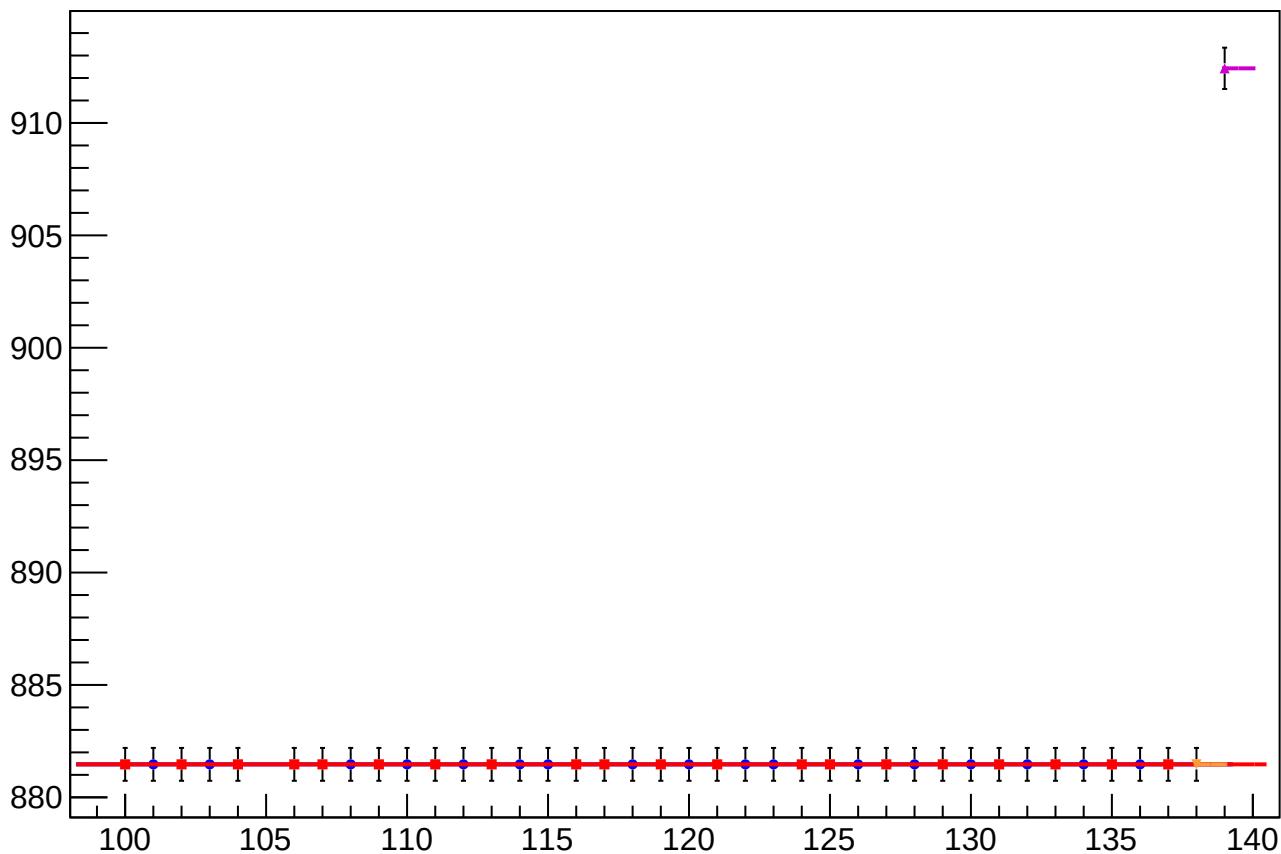
Right Out: 761.735 $\pm$ 231.331 χ^2 /NDF: 0.0/19

Left In: 2531.643 $\pm$ 1300.590 χ^2 /NDF: 0.0/0

761.735 $\pm$ 243.844 χ^2 /NDF: 0.0/17

816.012 $\pm$ 227.756 χ^2 /NDF: 1.8/20

asym_sam_1548_avg_rms vs Slug



Right In: 881.467+/-0.177 χ^2/NDF : 0.0/16

Left Out: 881.467+/-0.732 χ^2/NDF : 0.0/0

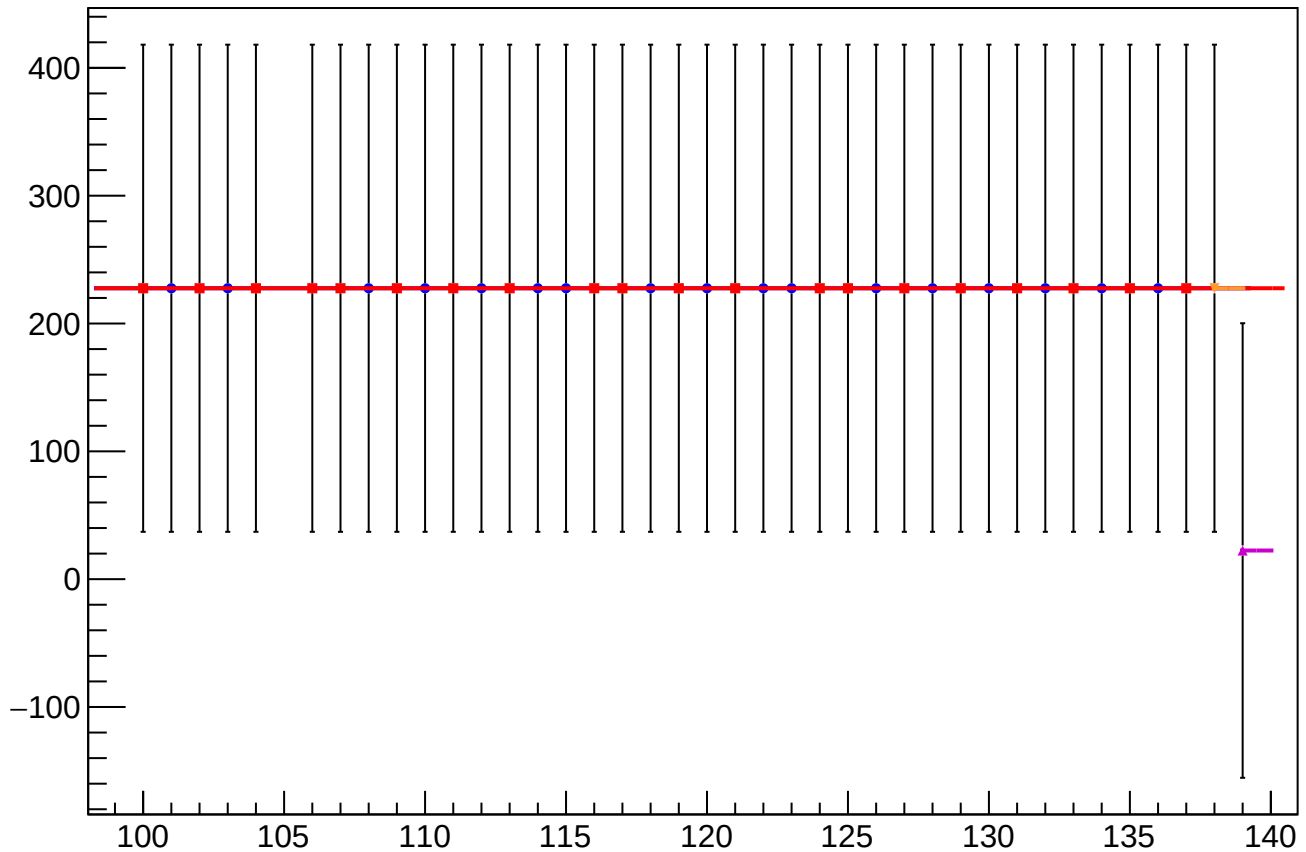
Right Out: 881.467+/-0.164 χ^2/NDF : 0.0/19

Left In: 912.430+/-0.920 χ^2/NDF : 0.0/0

881.467+/-0.172 χ^2/NDF : 0.0/17

882.417+/-0.161 χ^2/NDF : 1098.8/20

dit_asym_sam_3748_avg_mean vs Slug



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

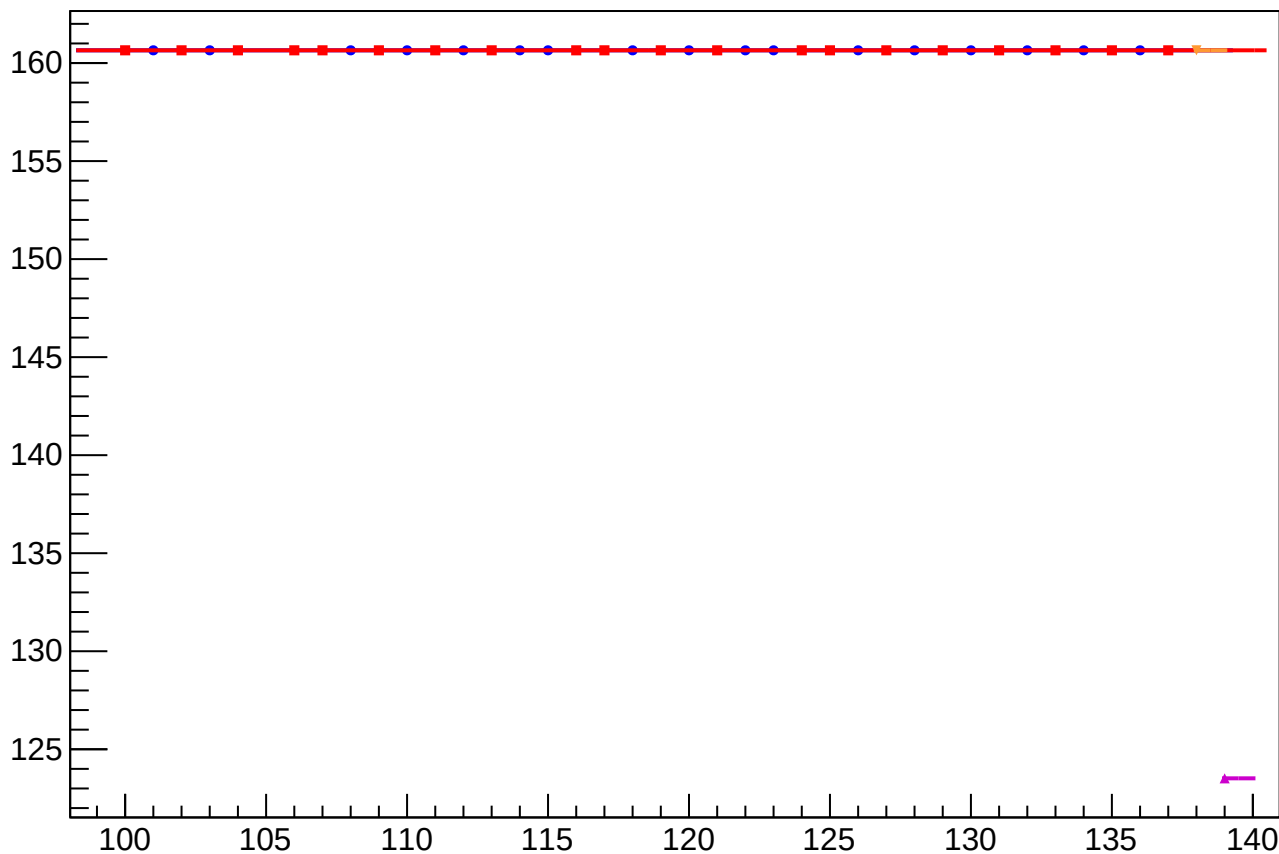
Right Out: 227.596 $\pm$ 42.609 χ^2 /NDF: 0.0/19

Left In: 22.414 $\pm$ 177.810 χ^2 /NDF:0.0/0

227.596 $\pm$ 44.914 χ^2 /NDF: 0.0/17

216.453 $\pm$ 41.436 χ^2 /NDF: 1.3/20

dit_asym_sam_3748_avg_rms vs Slug



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

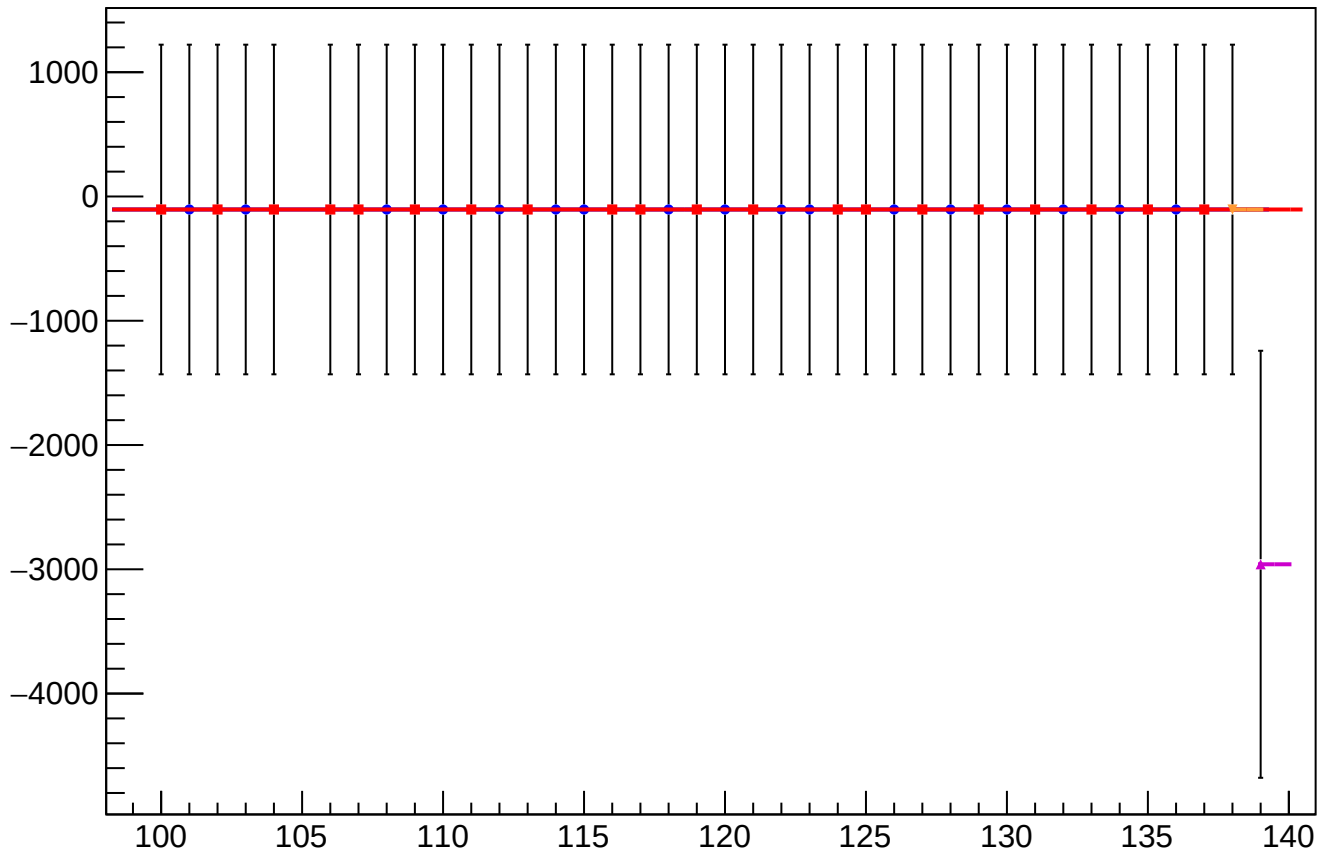
Right Out: 160.650 $\pm$ 0.030 χ^2 /NDF: 0.0/19

Left In: 123.517 $\pm$ 0.126 χ^2 /NDF: 0.0/0

160.650 $\pm$ 0.032 χ^2 /NDF: 0.0/17

158.634 $\pm$ 0.029 χ^2 /NDF: 82486.9/20

asym_sam_3748_avg_correction_mean vs Slug



Right In: -104.711+/-321.680 χ^2/NDF : 0.0/16

Left Out: -104.711+/-1326.321 χ^2/NDF : 0.0/0

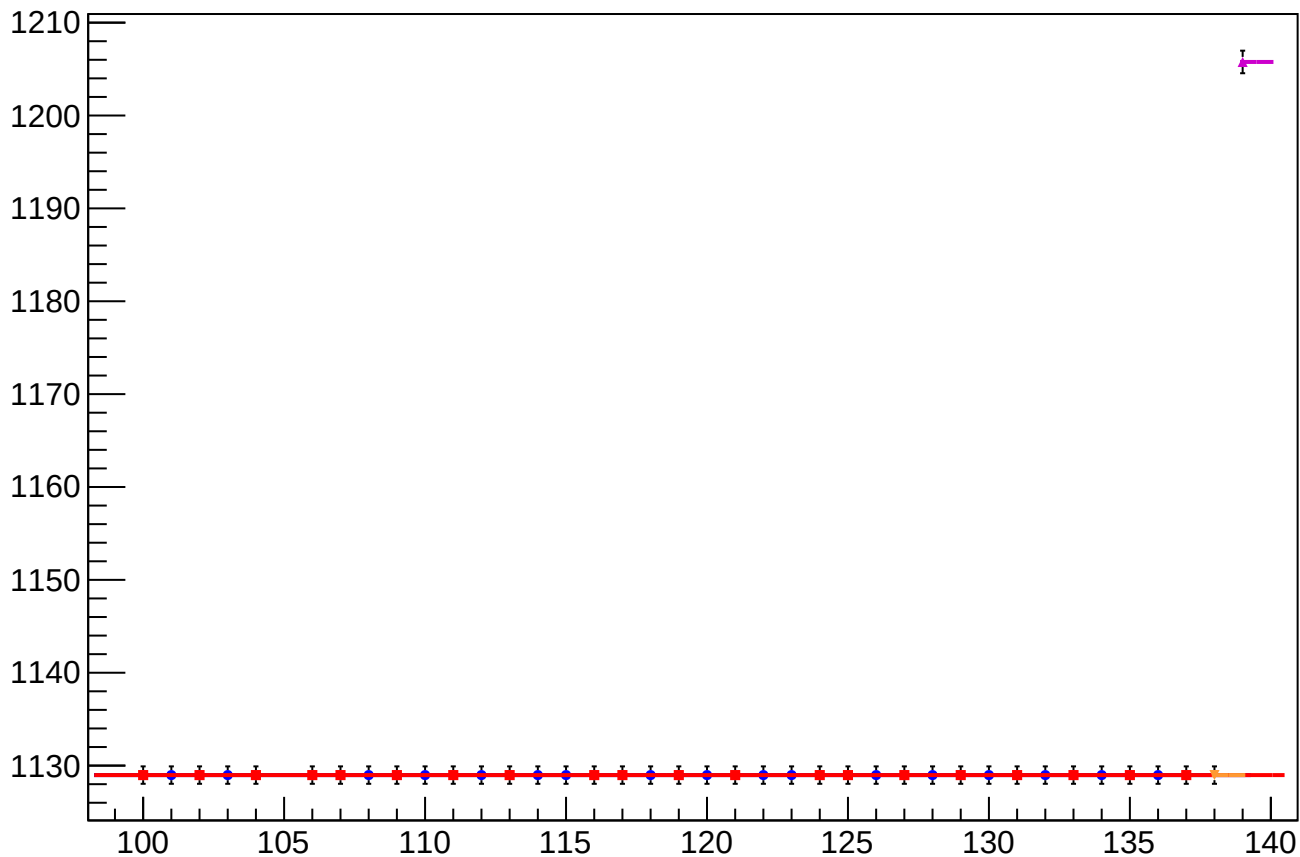
Right Out: -104.711+/-296.574 χ^2/NDF : 0.0/19

Left In: -2959.695+/-1718.156 χ^2/NDF : 0.0/0

-104.711+/-312.617 χ^2/NDF : 0.0/17

-187.313+/-292.253 χ^2/NDF : 2.7/20

asym_sam_3748_avg_correction_rms vs Slug



Right In: 1128.979+/-0.227 χ^2/NDF : 0.0/16

Left Out: 1128.979+/-0.938 χ^2/NDF : 0.0/0

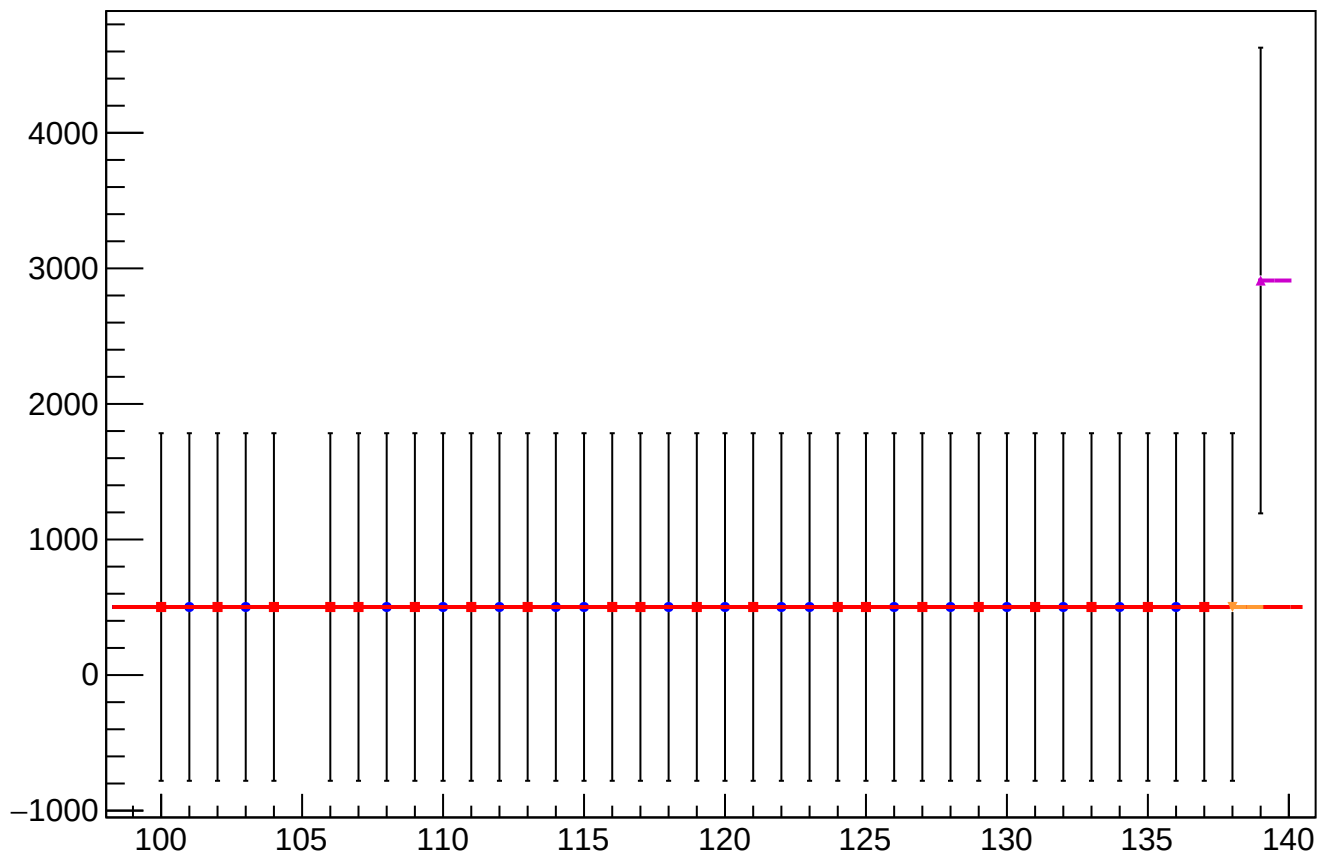
Right Out: 1128.979+/-0.210 χ^2/NDF : 0.0/19

Left In: 1205.767+/-1.215 χ^2/NDF : 0.0/0

1128.979+/-0.221 χ^2/NDF : 0.0/17

1131.201+/-0.207 χ^2/NDF : 3879.2/20

asym_sam_3748_avg_mean vs Slug



Right In: 502.043+/-310.943 χ^2/NDF : 0.0/16

Left Out: 502.043+/-1282.050 χ^2/NDF : 0.0/0

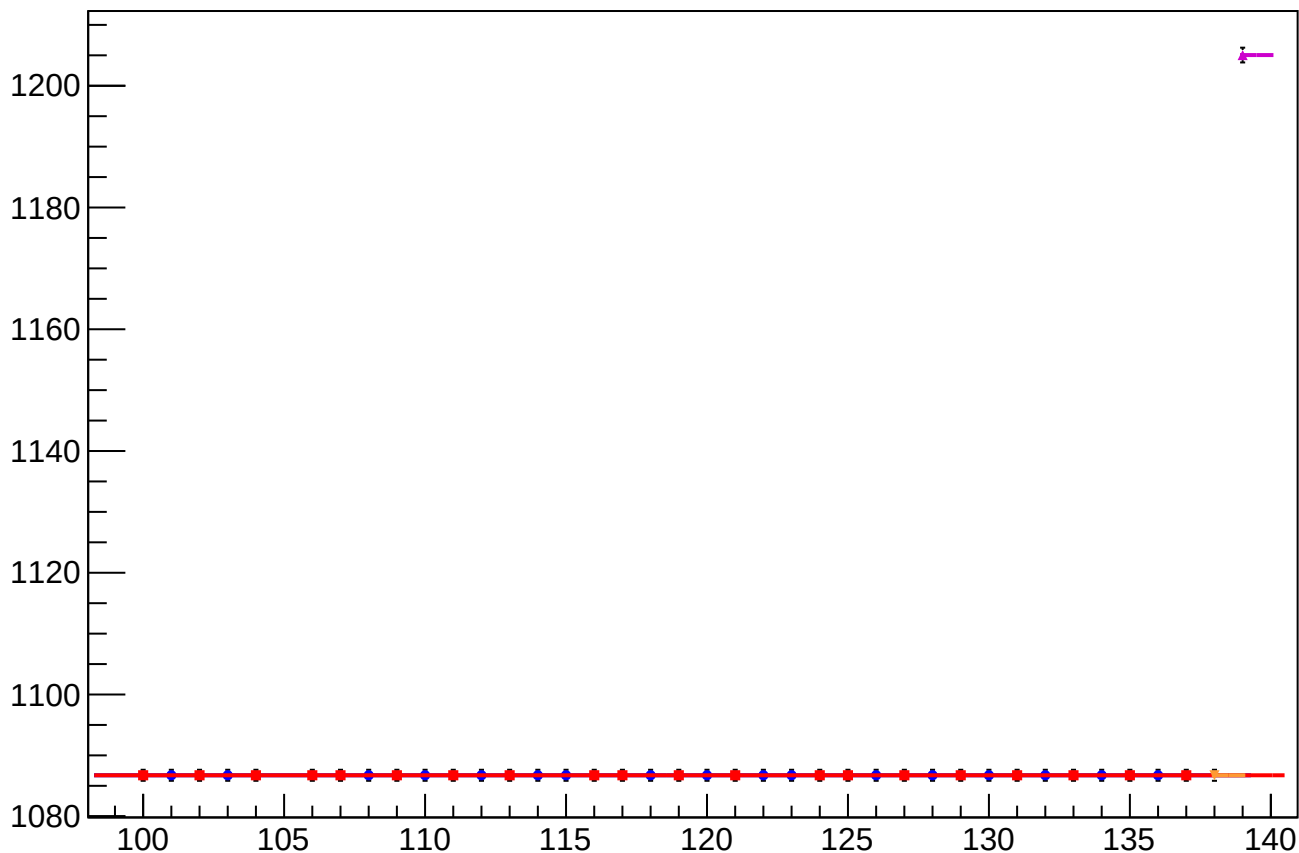
Right Out: 502.043+/-286.675 χ^2/NDF : 0.0/19

Left In: 2910.470+/-1717.668 χ^2/NDF : 0.0/0

502.043+/-302.182 χ^2/NDF : 0.0/17

567.312+/-282.764 χ^2/NDF : 1.9/20

asym_sam_3748_avg_rms vs Slug



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

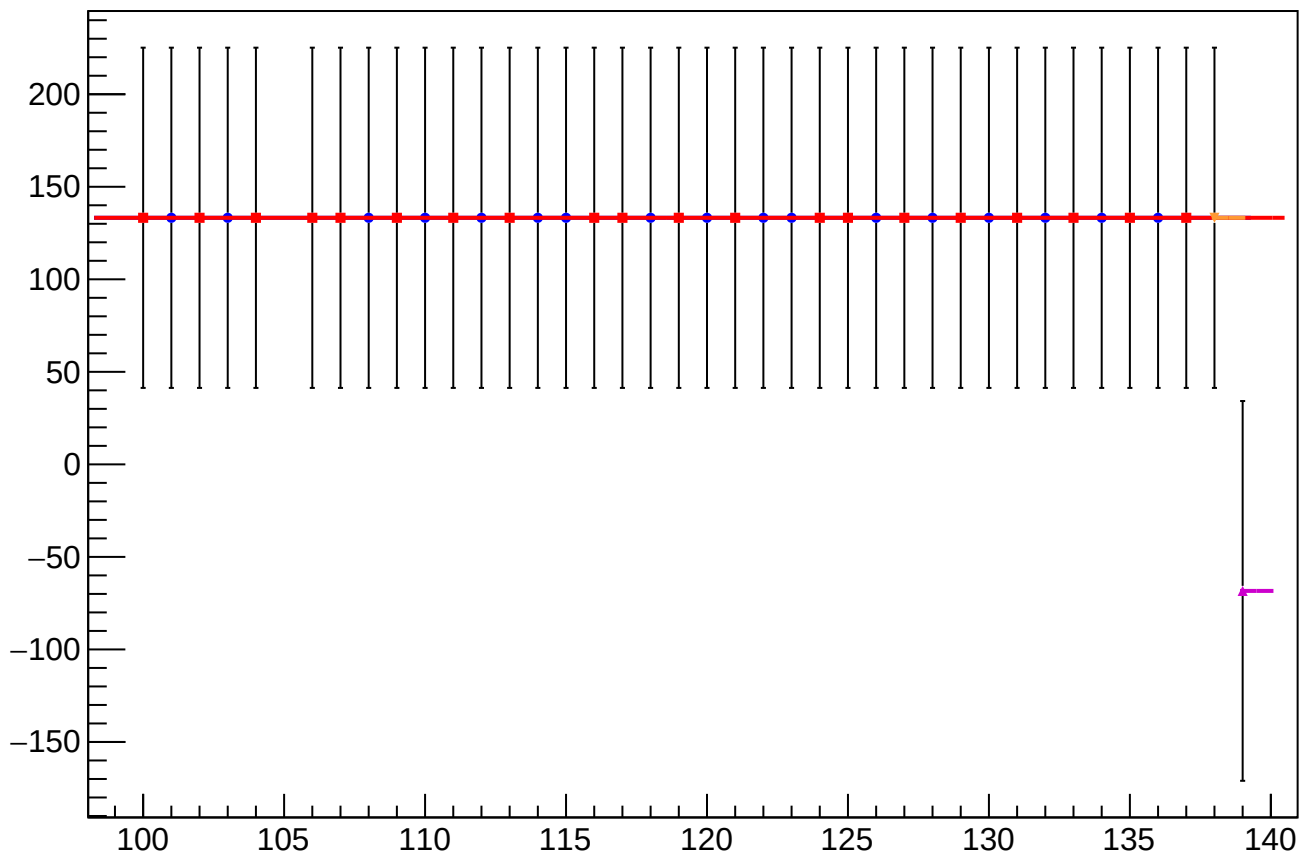
Right Out: 1086.731 $\pm$ 0.203 χ^2 /NDF: 0.0/19

Left In: 1205.043 $\pm$ 1.215 χ^2 /NDF: 0.0/0

1086.731 $\pm$ 0.214 χ^2 /NDF: 0.0/17

1089.937 $\pm$ 0.200 χ^2 /NDF: 9231.6/20

dit_asym_sam_1526_avg_mean vs Slug



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

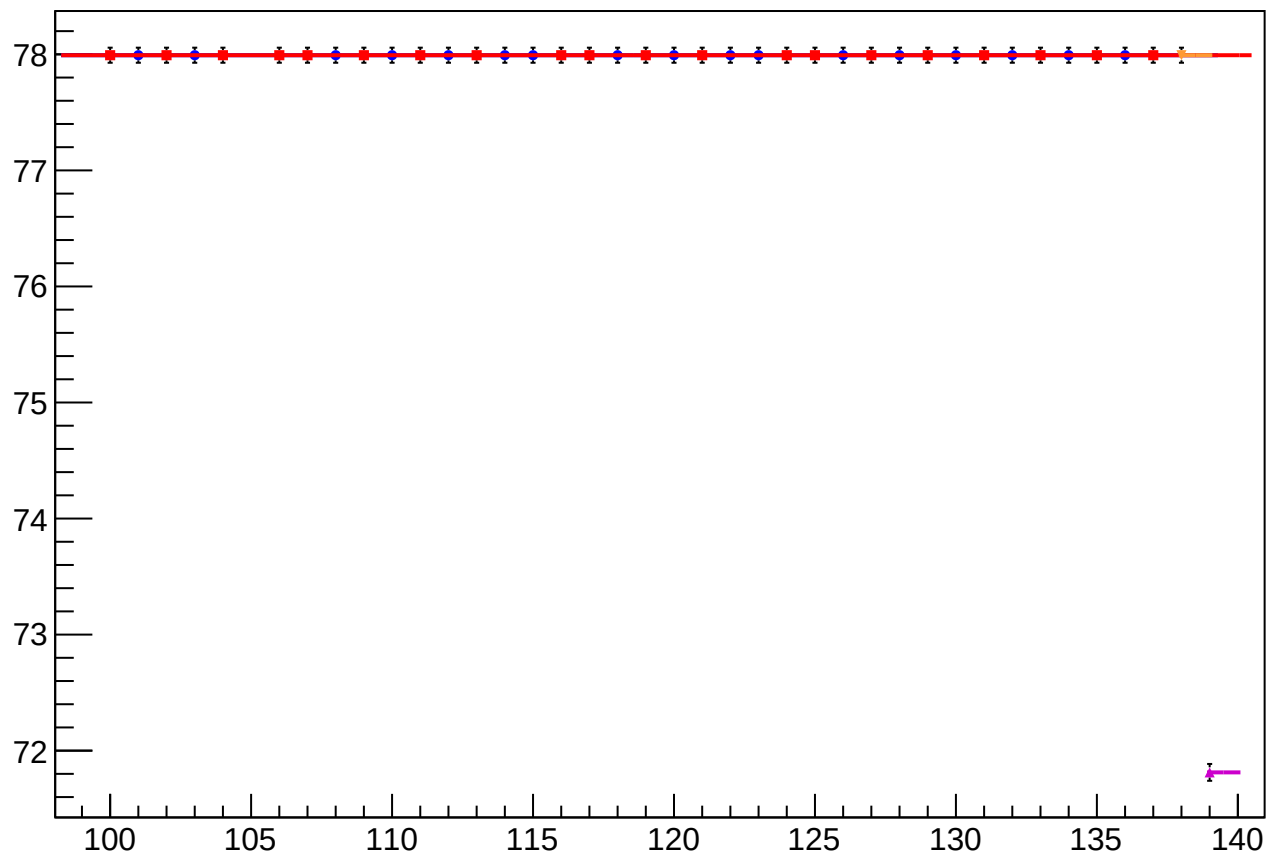
Right Out: 133.239 $\pm$ 20.556 χ^2 /NDF: 0.0/19

Left In: -68.378 $\pm$ 102.605 χ^2 /NDF: 0.0/0

133.239 $\pm$ 21.668 χ^2 /NDF: 0.0/17

125.459 $\pm$ 20.155 χ^2 /NDF: 3.7/20

dit_asym_sam_1526_avg_rms vs Slug



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

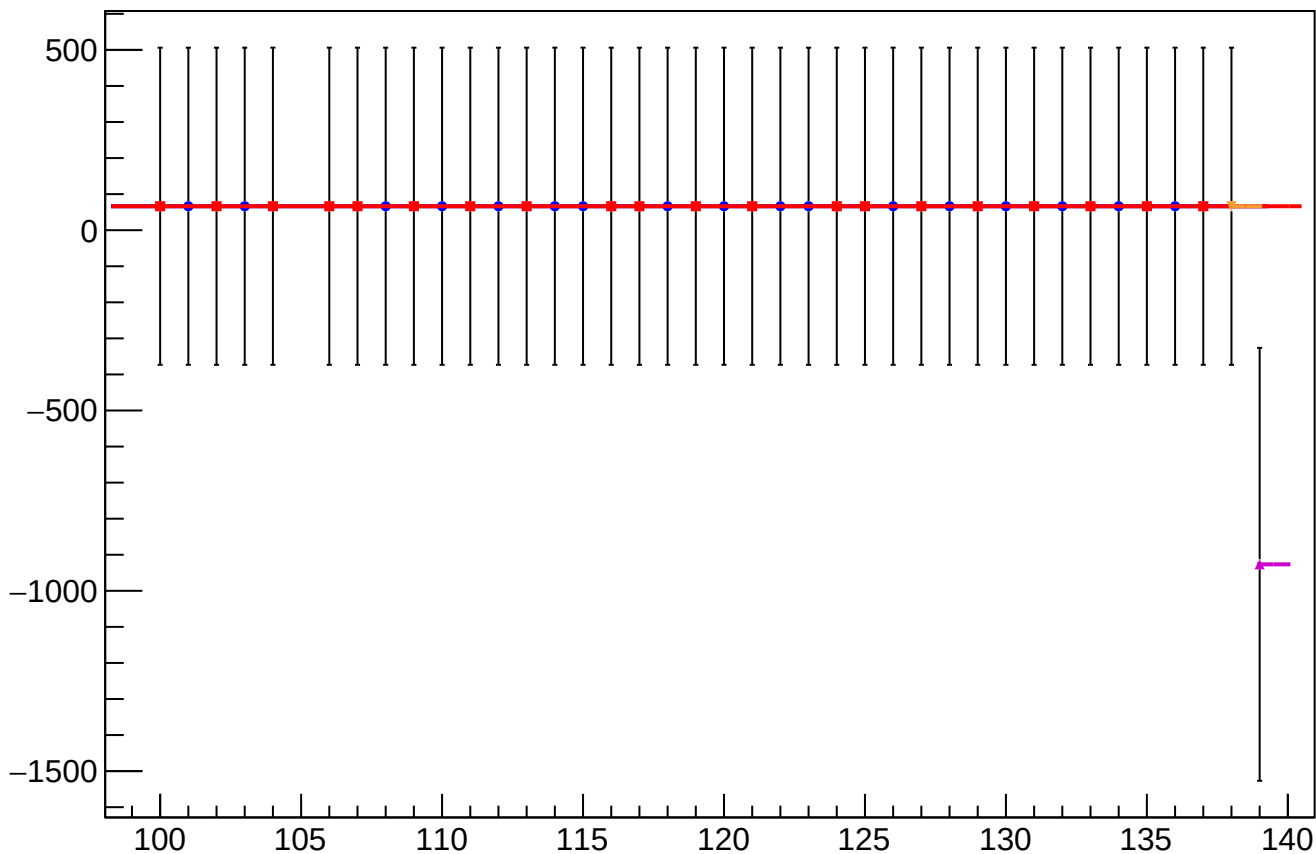
Right Out: 77.993 $\pm$ 0.015 χ^2 /NDF: 0.0/19

Left In: 71.813 $\pm$ 0.073 χ^2 /NDF: 0.0/0

77.993 $\pm$ 0.015 χ^2 /NDF: 0.0/17

77.754 $\pm$ 0.014 χ^2 /NDF: 6975.1/20

asym_sam_1526_avg_correction_mean vs Slug



Right In: 66.428+/-106.649 χ^2/NDF : 0.0/16

Left Out: 66.428+/-439.725 χ^2/NDF : 0.0/0

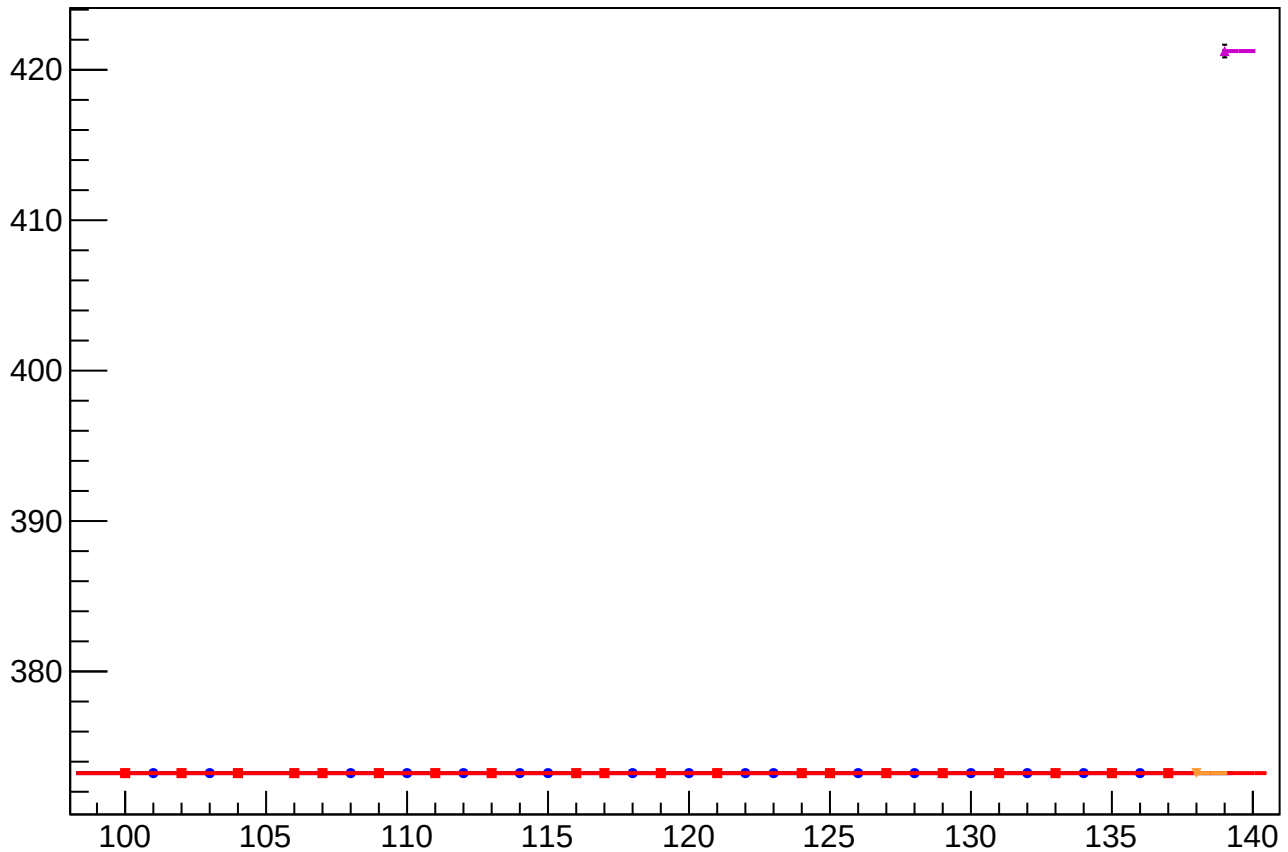
Right Out: 66.428+/-98.326 χ^2/NDF : 0.0/19

Left In: -926.606+/-600.222 χ^2/NDF : 0.0/0

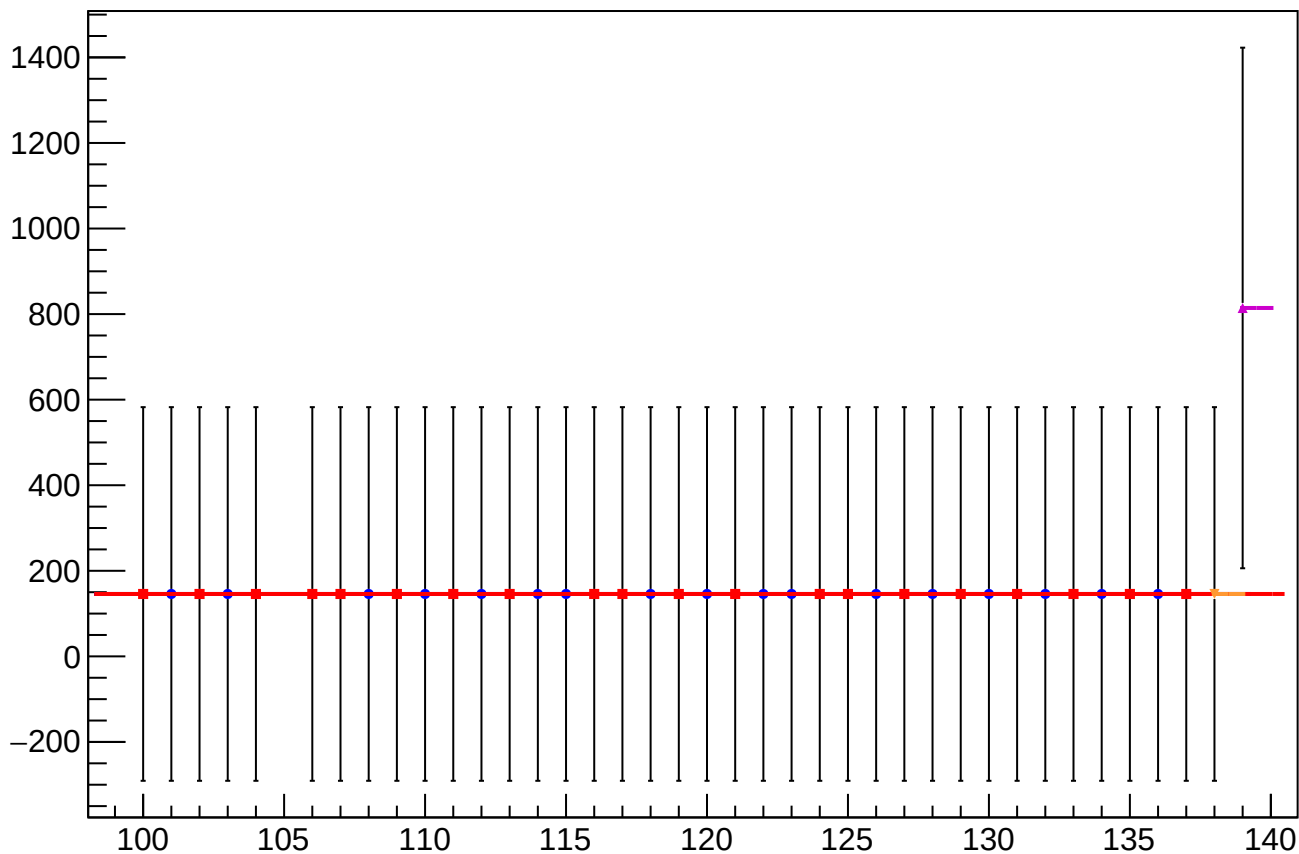
66.428+/-103.644 χ^2/NDF : 0.0/17

40.476+/-97.032 χ^2/NDF : 2.7/20

asym_sam_1526_avg_correction_rms vs Slug



asym_sam_1526_avg_mean vs Slug



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

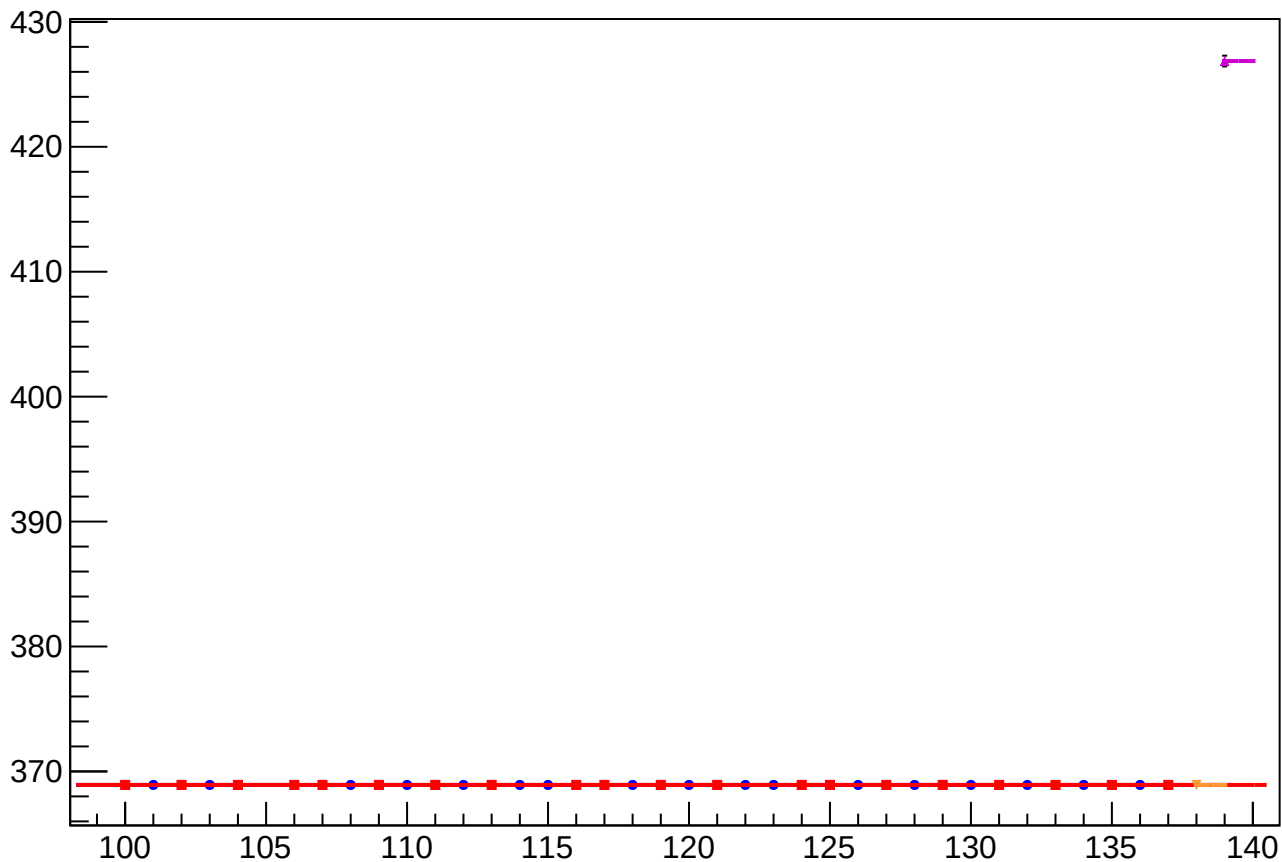
Right Out: 145.833 $\pm$ 97.641 χ^2 /NDF: 0.0/19

Left In: 814.320 $\pm$ 608.402 χ^2 /NDF: 0.0/0

145.833 $\pm$ 102.923 χ^2 /NDF: 0.0/17

162.618 $\pm$ 96.408 χ^2 /NDF: 1.2/20

asym_sam_1526_avg_rms vs Slug



Right In: 368.918+/-0.075 χ^2/NDF : 0.0/16

Left Out: 368.918+/-0.309 χ^2/NDF : 0.0/0

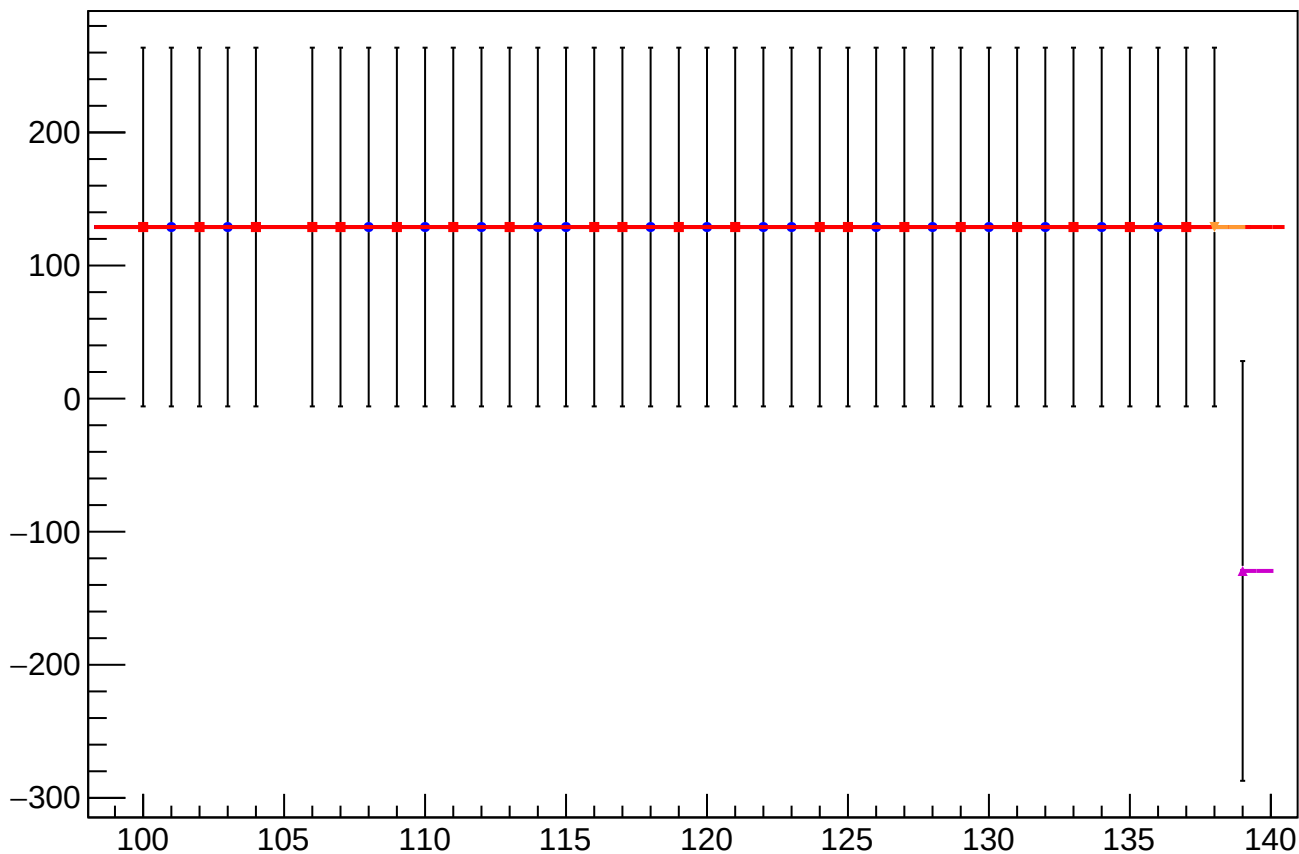
Right Out: 368.918+/-0.069 χ^2/NDF : 0.0/19

Left In: 426.865+/-0.430 χ^2/NDF : 0.0/0

368.918+/-0.073 χ^2/NDF : 0.0/17

370.373+/-0.068 χ^2/NDF : 17687.3/20

dit_asym_sam_3726_avg_mean vs Slug



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

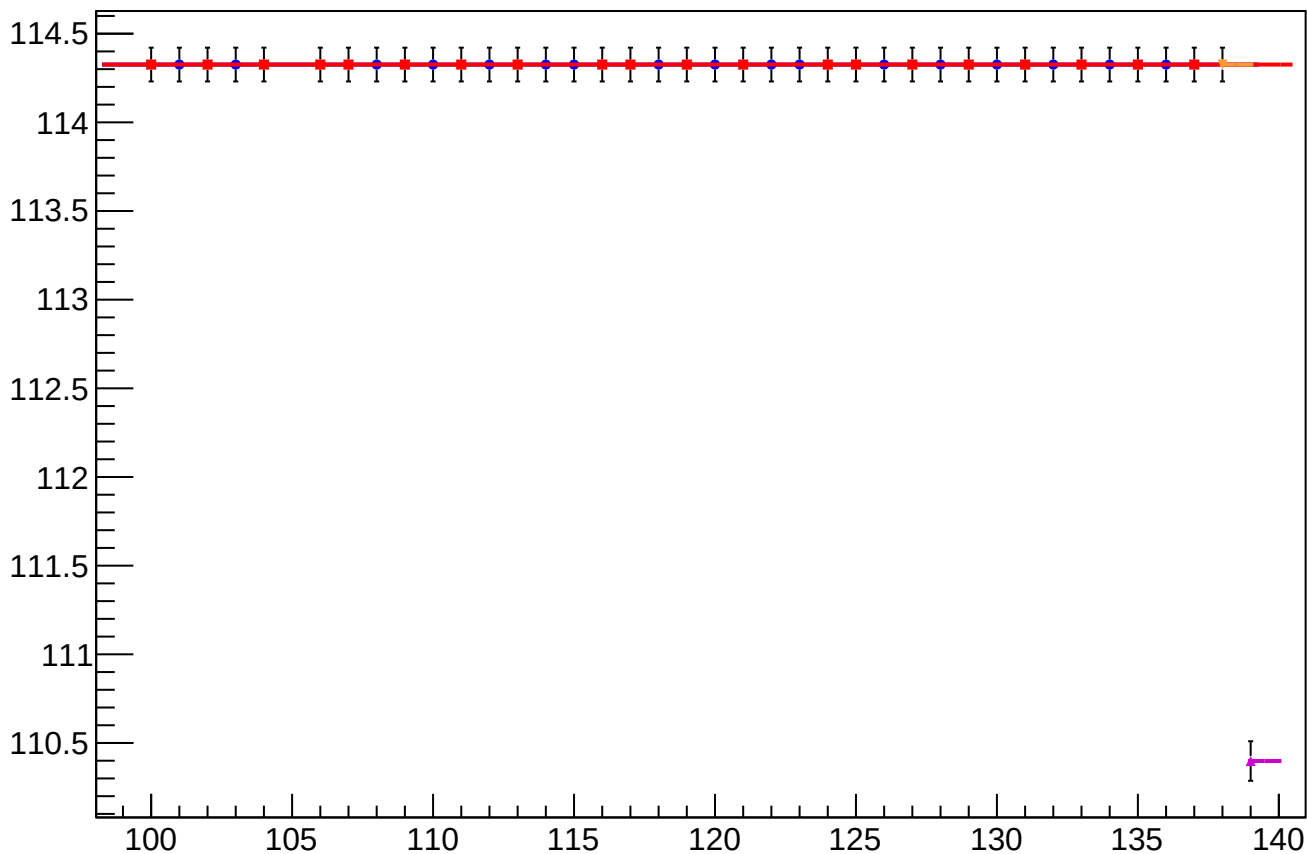
Right Out: 128.920 $\pm$ 30.135 χ^2 /NDF: 0.0/19

Left In: -129.472 $\pm$ 157.687 χ^2 /NDF:0.0/0

128.920 $\pm$ 31.765 χ^2 /NDF: 0.0/17

119.815 $\pm$ 29.599 χ^2 /NDF: 2.6/20

dit_asym_sam_3726_avg_rms vs Slug



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

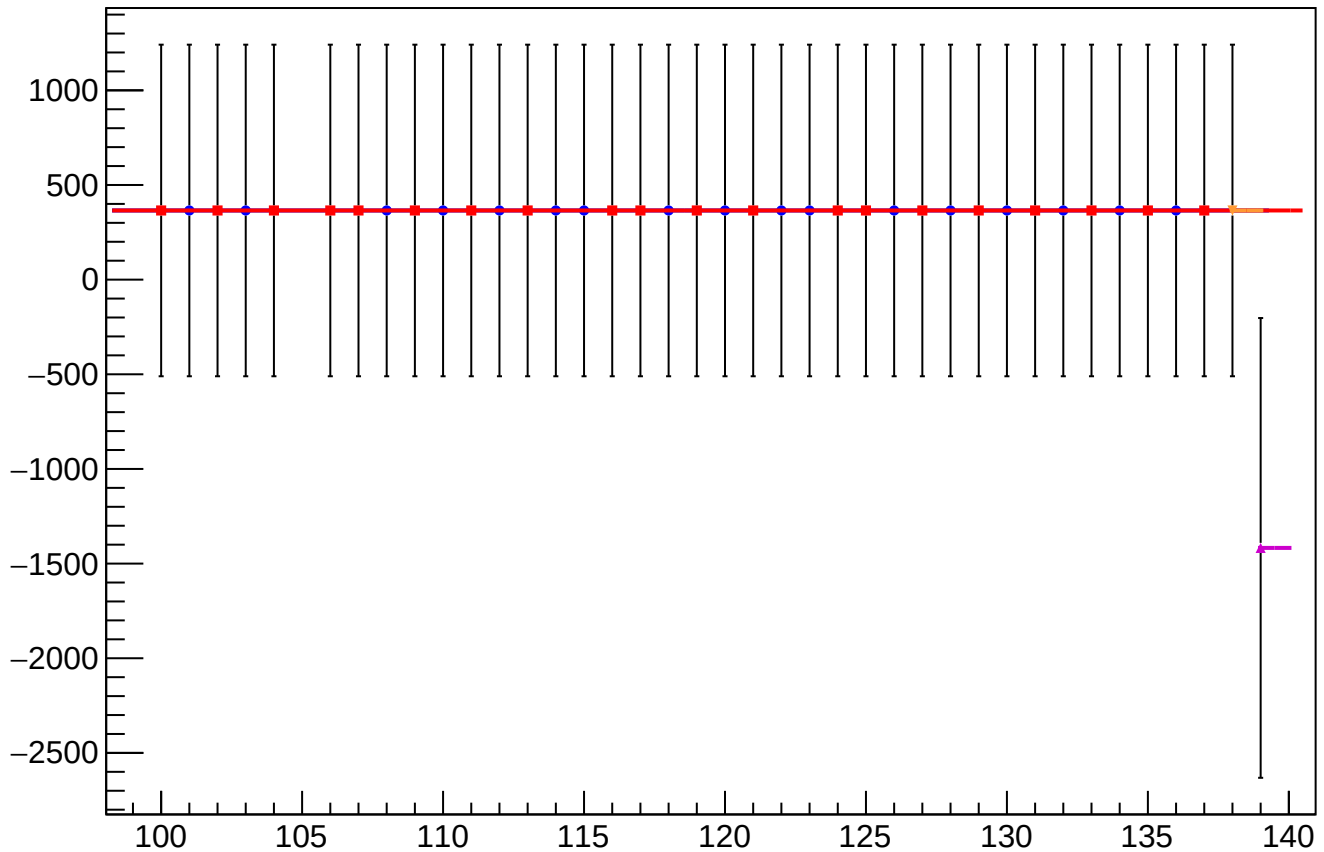
Right Out: 114.326 $\pm$ 0.021 χ^2 /NDF: 0.0/19

Left In: 110.398 $\pm$ 0.112 χ^2 /NDF: 0.0/0

114.326 $\pm$ 0.022 χ^2 /NDF: 0.0/17

114.187 $\pm$ 0.021 χ^2 /NDF: 1197.1/20

asym_sam_3726_avg_correction_mean vs Slug



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

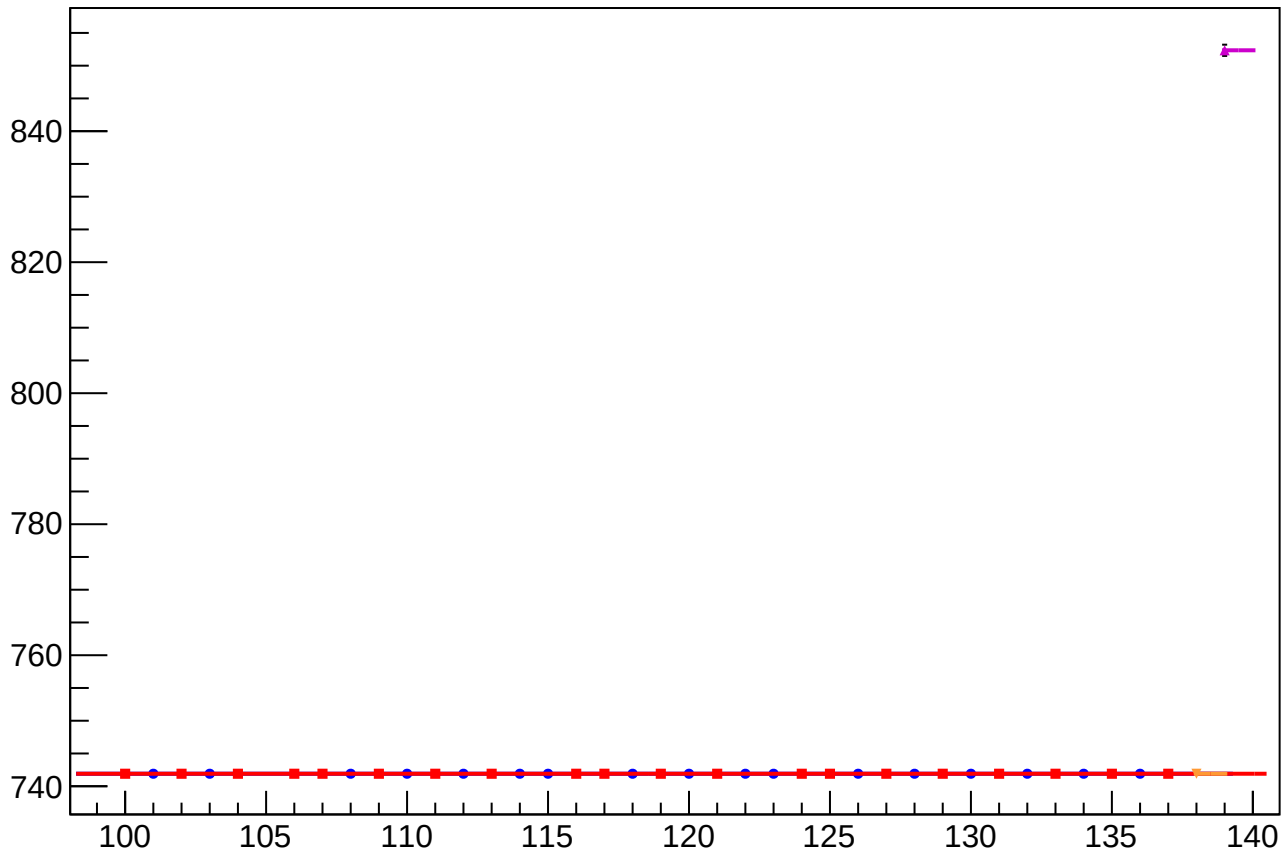
Right Out: 365.387 $\pm$ 195.839 χ^2 /NDF: 0.0/19

Left In: -1417.164 $\pm$ 1214.358 χ^2 /NDF:0.0/0

365.387 $\pm$ 206.432 χ^2 /NDF: 0.0/17

320.202 $\pm$ 193.340 χ^2 /NDF: 2.1/20

asym_sam_3726_avg_correction_rms vs Slug



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

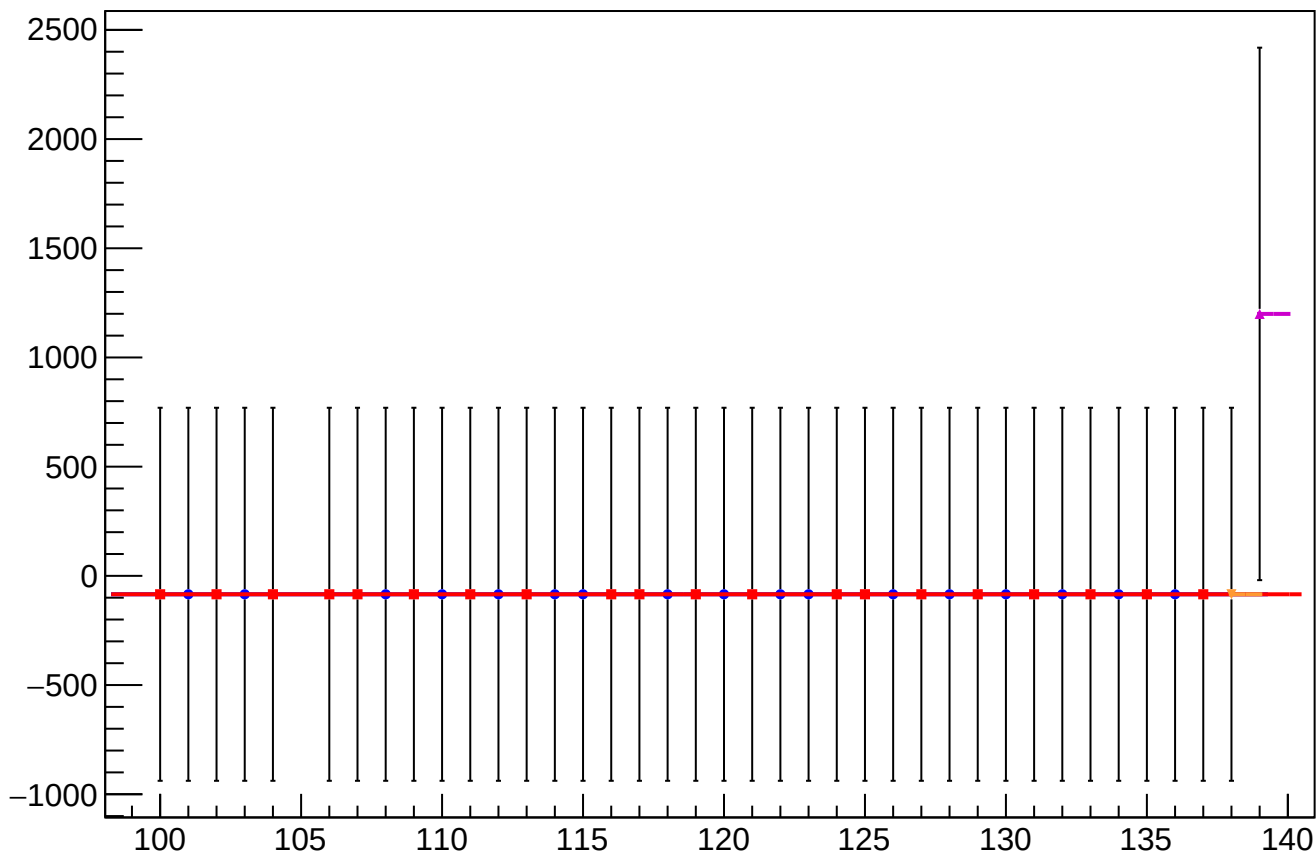
Right Out: 741.907 $\pm$ 0.138 χ^2 /NDF: 0.0/19

Left In: 852.348 $\pm$ 0.859 χ^2 /NDF: 0.0/0

741.907 $\pm$ 0.146 χ^2 /NDF: 0.0/17

744.707 $\pm$ 0.137 χ^2 /NDF: 16122.8/20

asym_sam_3726_avg_mean vs Slug



Right In: -84.386 ± 207.148 χ^2/NDF : 0.0/16

Left Out: -84.386 ± 854.095 χ^2/NDF : 0.0/0

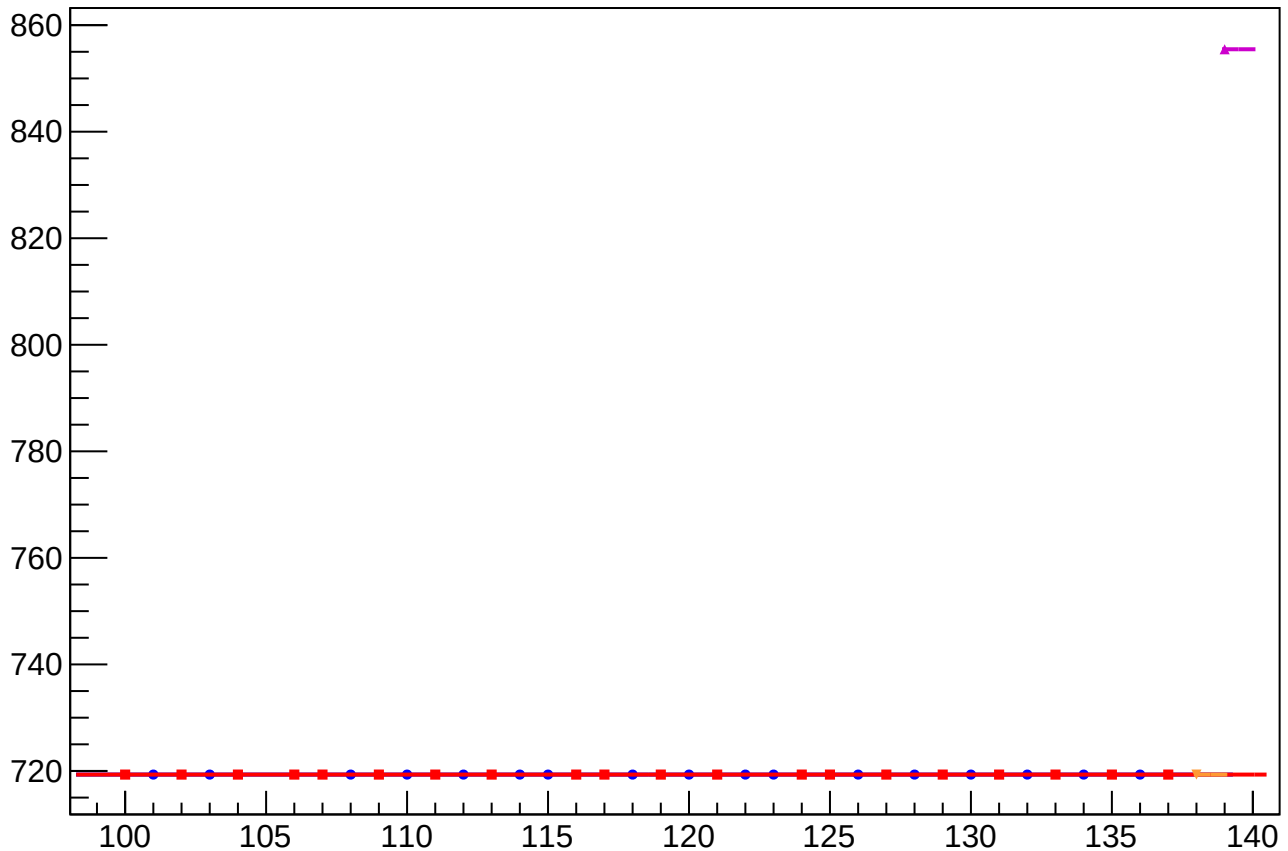
Right Out: -84.386 ± 190.981 χ^2/NDF : 0.0/19

Left In: 1199.459 ± 1219.130 χ^2/NDF : 0.0/0

-84.386 ± 201.312 χ^2/NDF : 0.0/17

-53.635 ± 188.680 χ^2/NDF : 1.1/20

asym_sam_3726_avg_rms vs Slug



Right In: 719.321+/-0.146 χ^2/NDF : 0.0/16

Left Out: 719.321+/-0.604 χ^2/NDF : 0.0/0

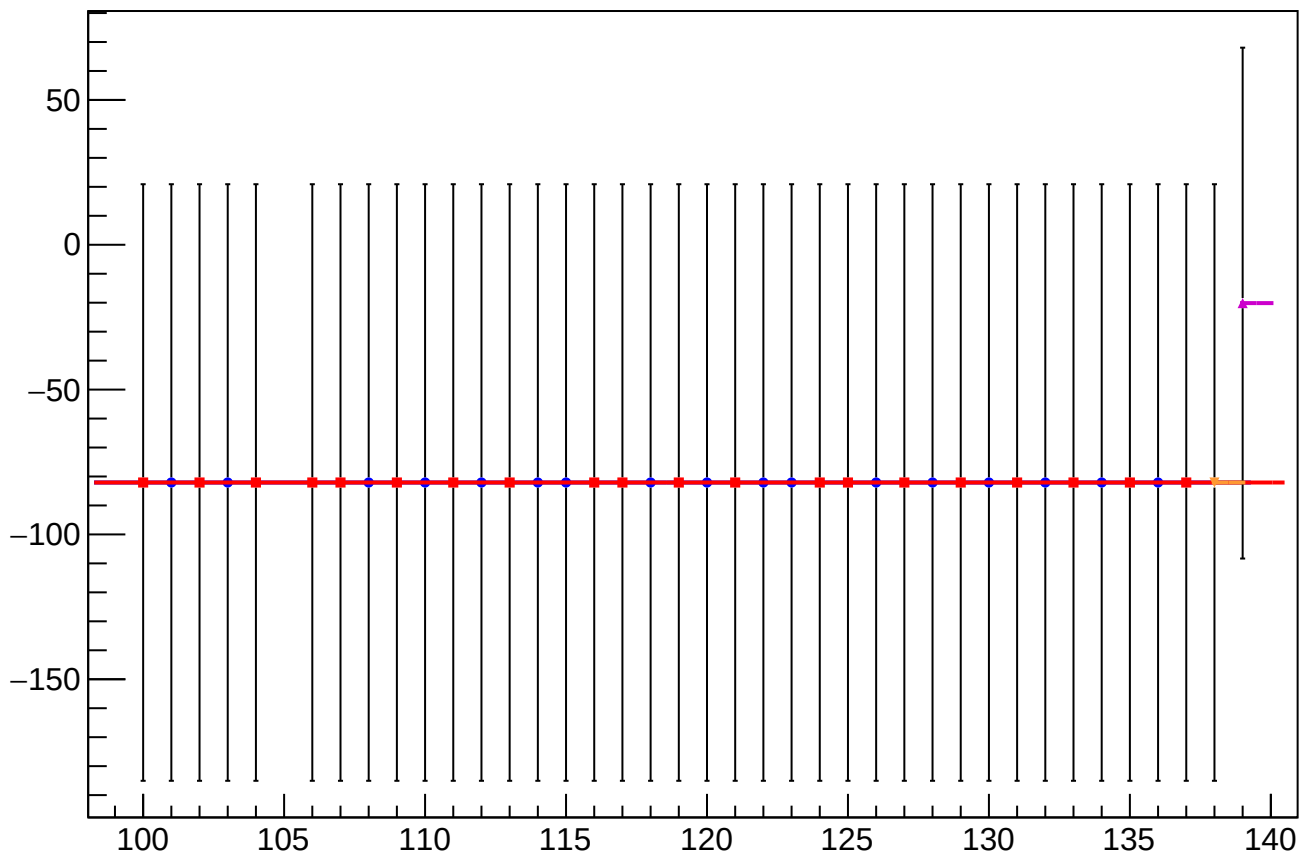
Right Out: 719.321+/-0.135 χ^2/NDF : 0.0/19

Left In: 855.473+/-0.862 χ^2/NDF : 0.0/0

719.321+/-0.142 χ^2/NDF : 0.0/17

722.582+/-0.133 χ^2/NDF : 24347.3/20

dit_asym_sam_15_48_dd_mean vs Slug



Right In: -82.077 $\pm$ 24.977 χ^2 /NDF: 0.0/16

Left Out: -82.077 $\pm$ 102.982 χ^2 /NDF: 0.0/0

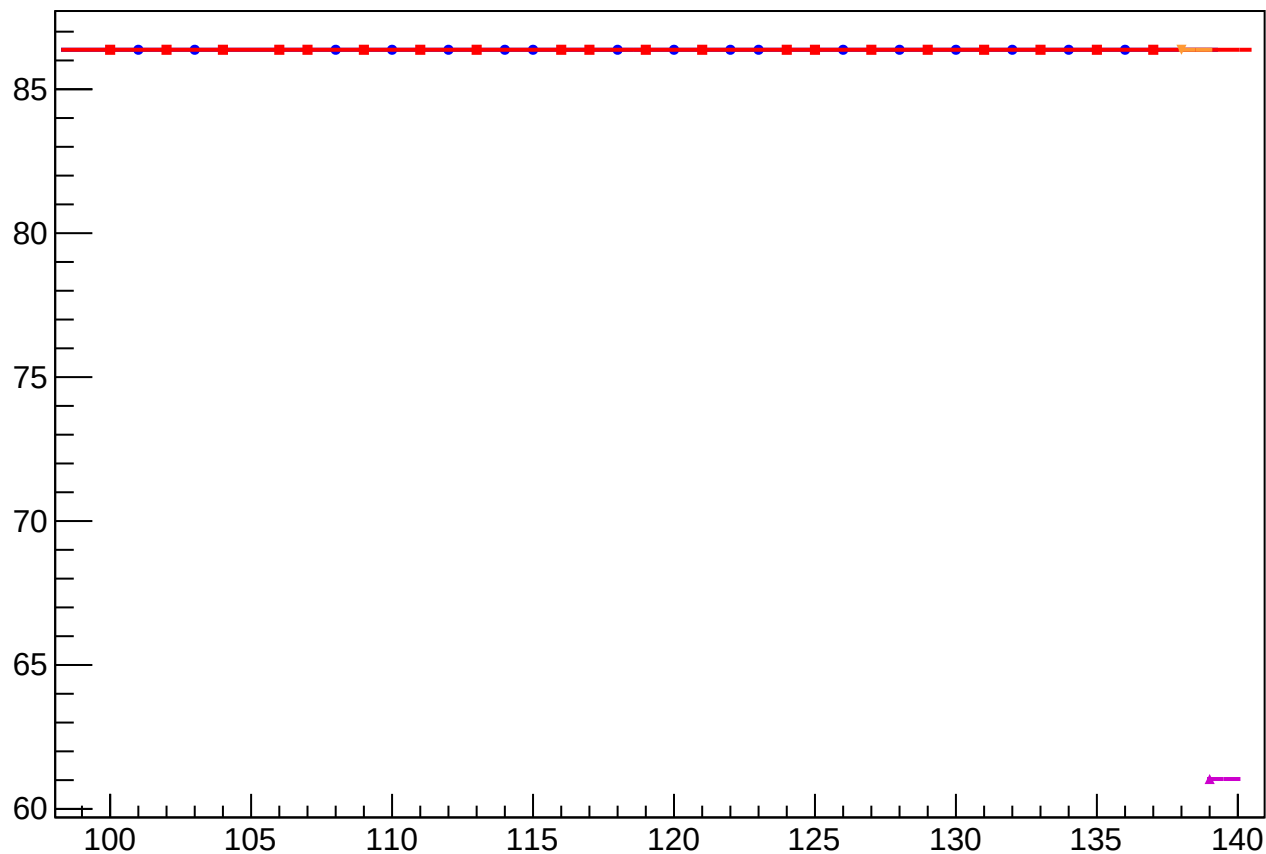
Right Out: -82.077 $\pm$ 23.028 χ^2 /NDF: 0.0/19

Left In: -20.141 $\pm$ 88.186 χ^2 /NDF: 0.0/0

-82.077 $\pm$ 24.273 χ^2 /NDF: 0.0/17

-78.123 $\pm$ 22.280 χ^2 /NDF: 0.5/20

dit_asym_sam_15_48_dd_rms vs Slug



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

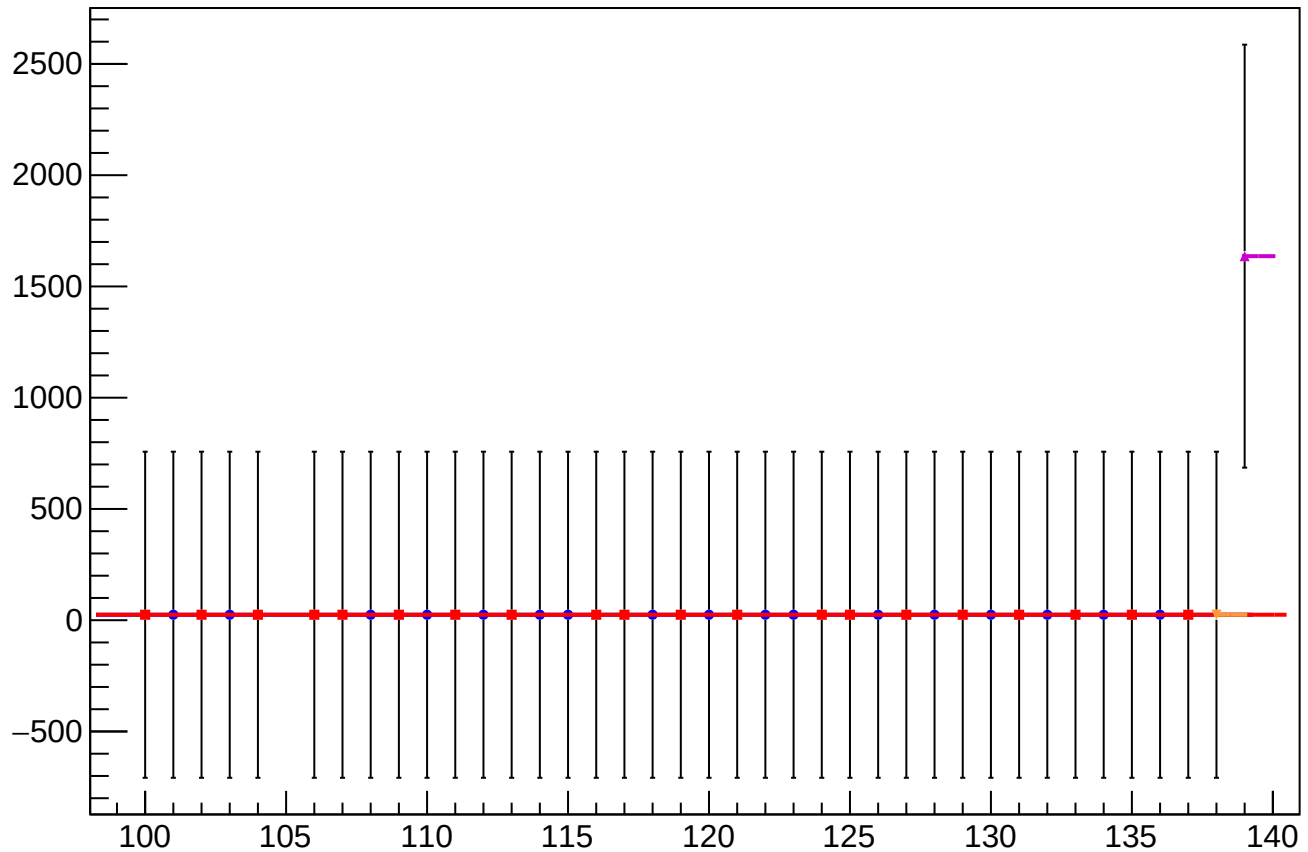
Right Out: 86.371 $\pm$ 0.016 χ^2 /NDF: 0.0/19

Left In: 61.039 $\pm$ 0.062 χ^2 /NDF: 0.0/0

86.371 $\pm$ 0.017 χ^2 /NDF: 0.0/17

84.754 $\pm$ 0.016 χ^2 /NDF: 154497.4/20

asym_sam_15_48_dd_correction_mean vs Slug



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

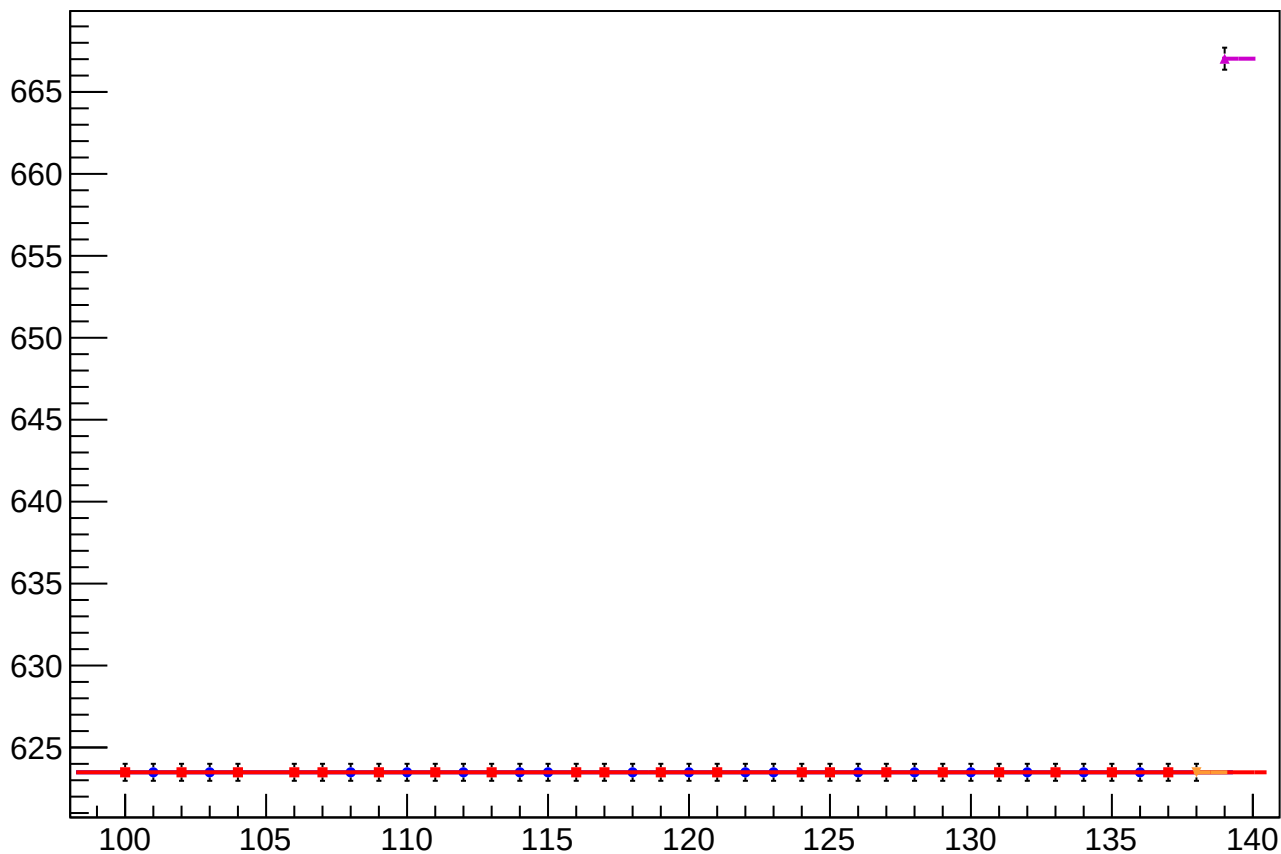
Right Out: 24.540 $\pm$ 163.856 χ^2 /NDF: 0.0/19

Left In: 1636.103 $\pm$ 950.482 χ^2 /NDF:0.0/0

24.540 $\pm$ 172.719 χ^2 /NDF: 0.0/17

71.052 $\pm$ 161.474 χ^2 /NDF: 2.8/20

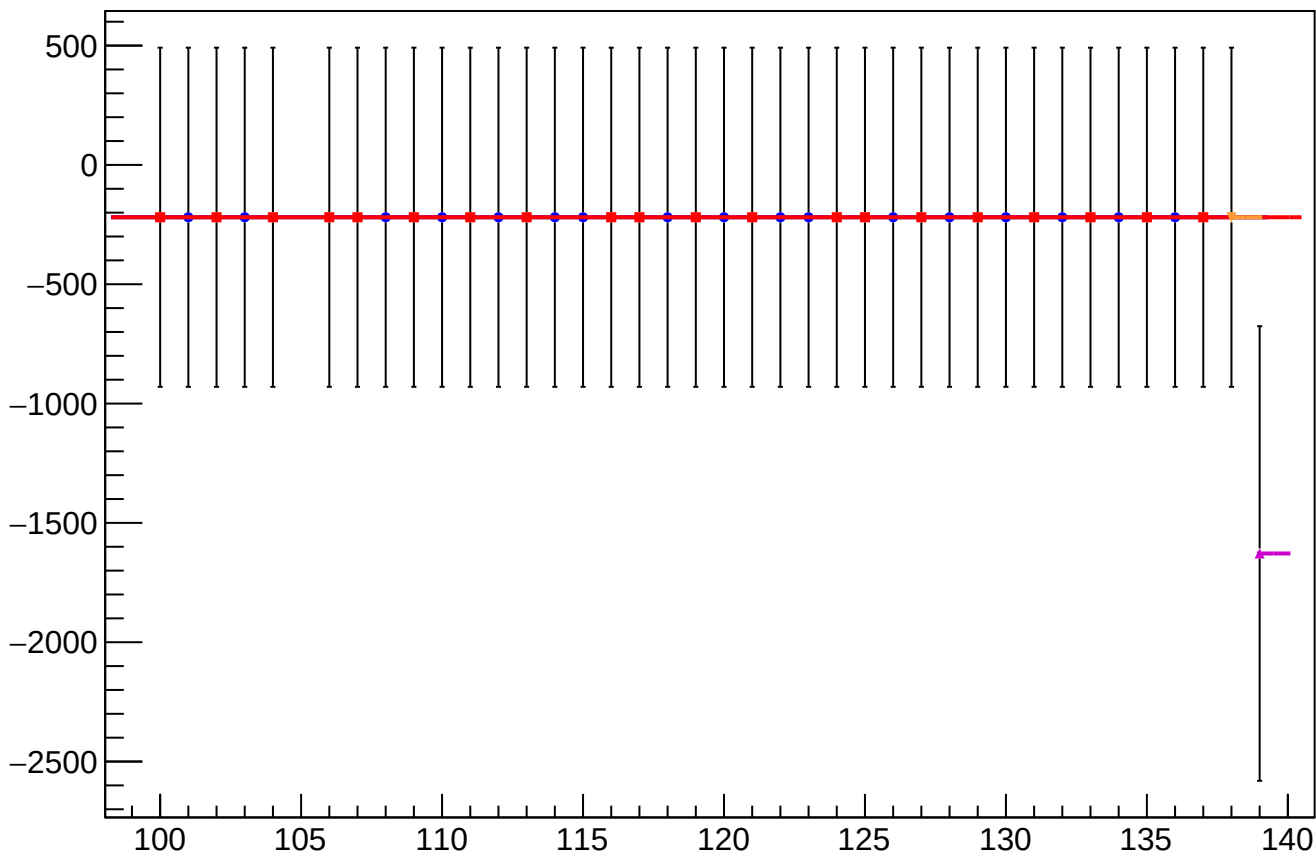
asym_sam_15_48_dd_correction_rms vs Slug



623.485 $\pm$ 0.122 χ^2 /NDF: 0.0/17

624.741 $\pm$ 0.114 χ^2 /NDF: 4076.7/20

asym_sam_15_48_dd_mean vs Slug



Right In: -219.315+/-172.344 χ^2/NDF : 0.0/16

Left Out: -219.315+/-710.592 χ^2/NDF : 0.0/0

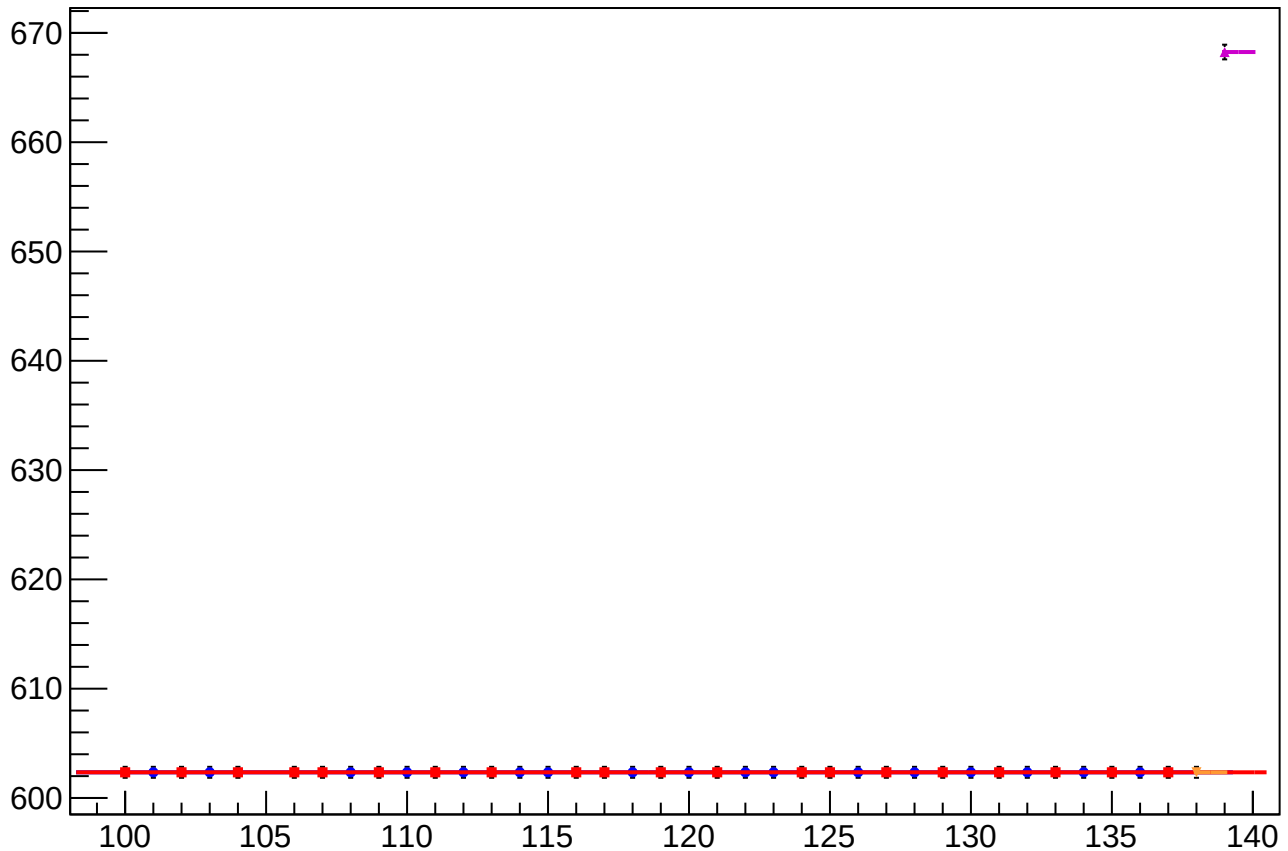
Right Out: -219.315+/-158.893 χ^2/NDF : 0.0/19

Left In: -1628.196+/-952.488 χ^2/NDF : 0.0/0

-219.315+/-167.488 χ^2/NDF : 0.0/17

-257.461+/-156.727 χ^2/NDF : 2.1/20

asym_sam_15_48_dd_rms vs Slug



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

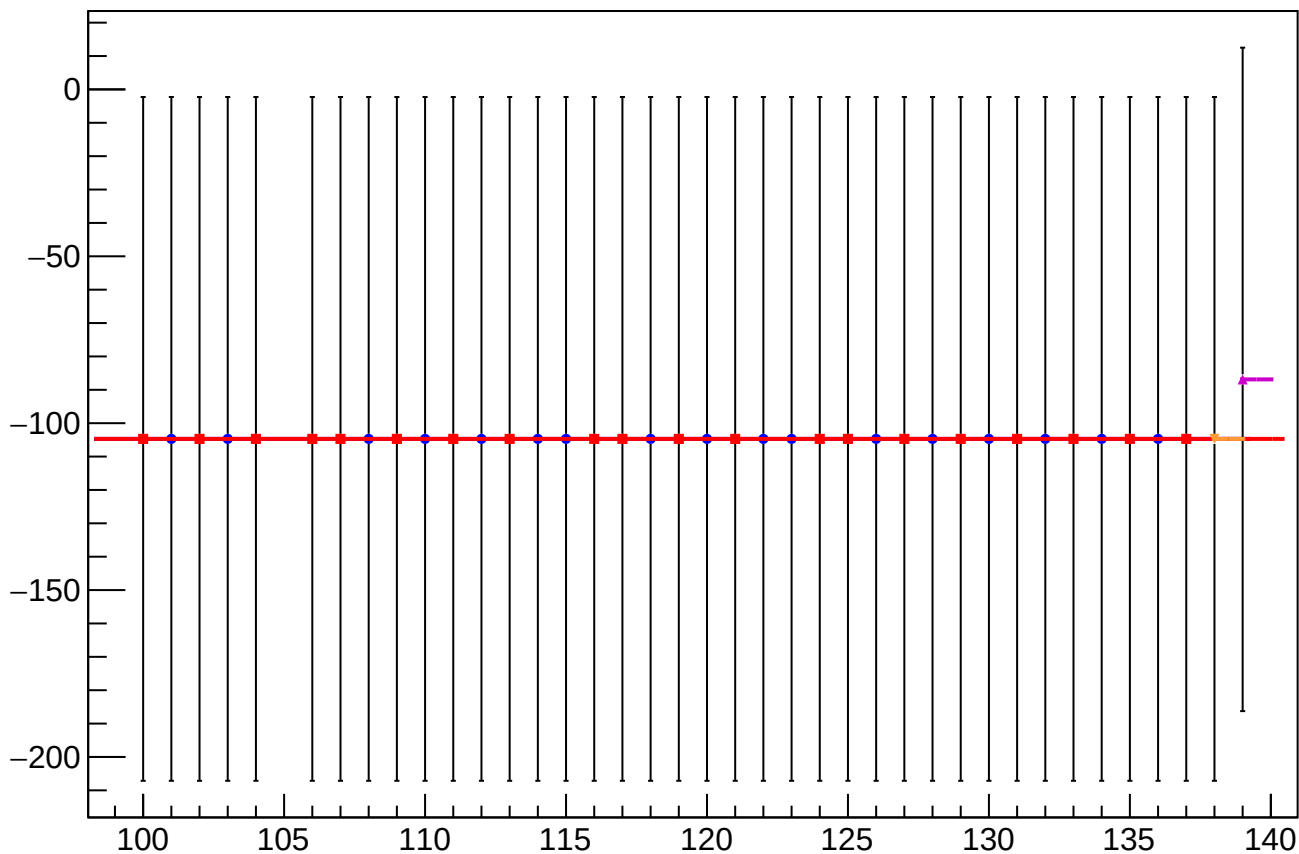
Right Out: 602.349 $\pm$ 0.112 χ^2 /NDF: 0.0/19

Left In: 668.250 $\pm$ 0.674 χ^2 /NDF: 0.0/0

602.349 $\pm$ 0.118 χ^2 /NDF: 0.0/17

604.133 $\pm$ 0.111 χ^2 /NDF: 9315.1/20

dit_asym_sam_37_48_dd_mean vs Slug



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

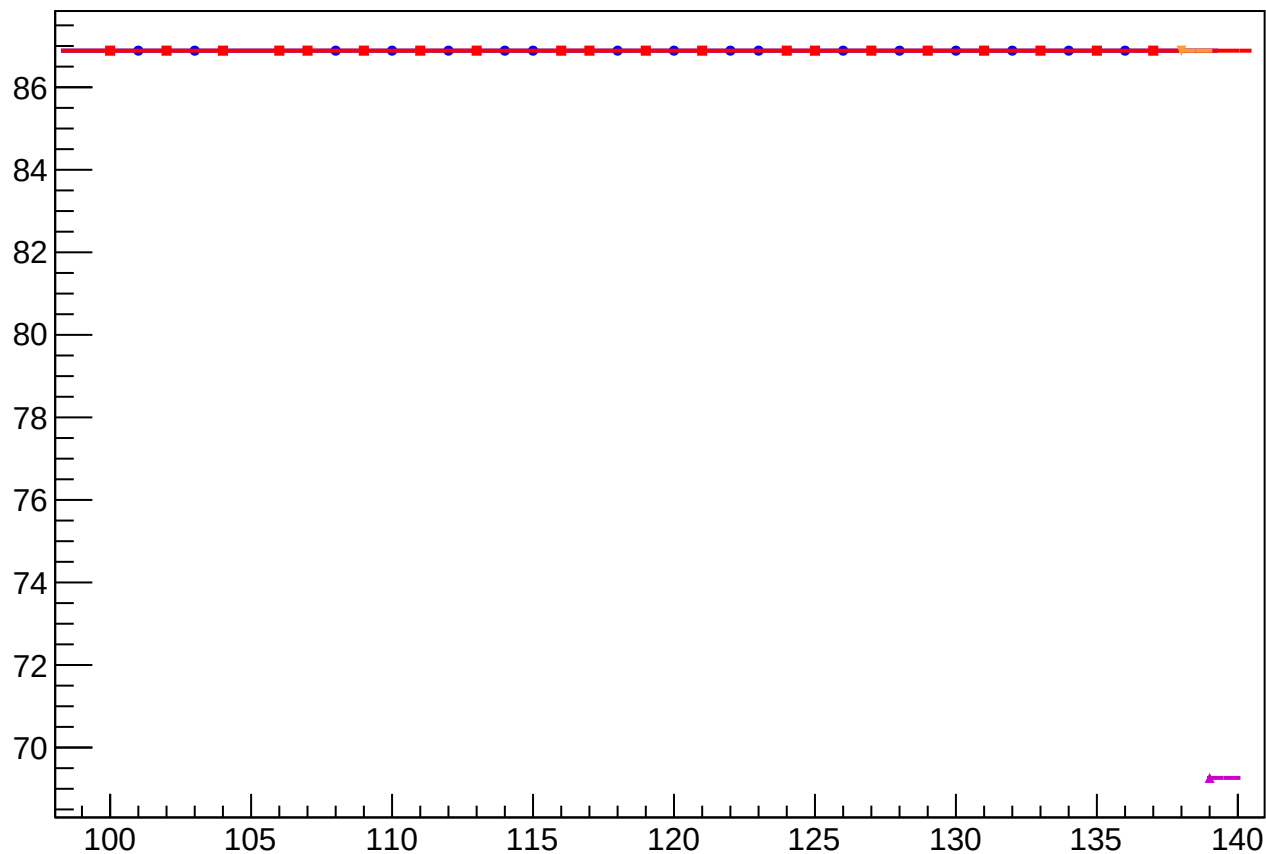
Right Out: -104.707 $\pm$ 22.905 χ^2 /NDF: 0.0/19

Left In: -86.879 $\pm$ 99.384 χ^2 /NDF: 0.0/0

-104.707 $\pm$ 24.144 χ^2 /NDF: 0.0/17

-103.808 $\pm$ 22.320 χ^2 /NDF: 0.0/20

dit_asym_sam_37_48_dd_rms vs Slug



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

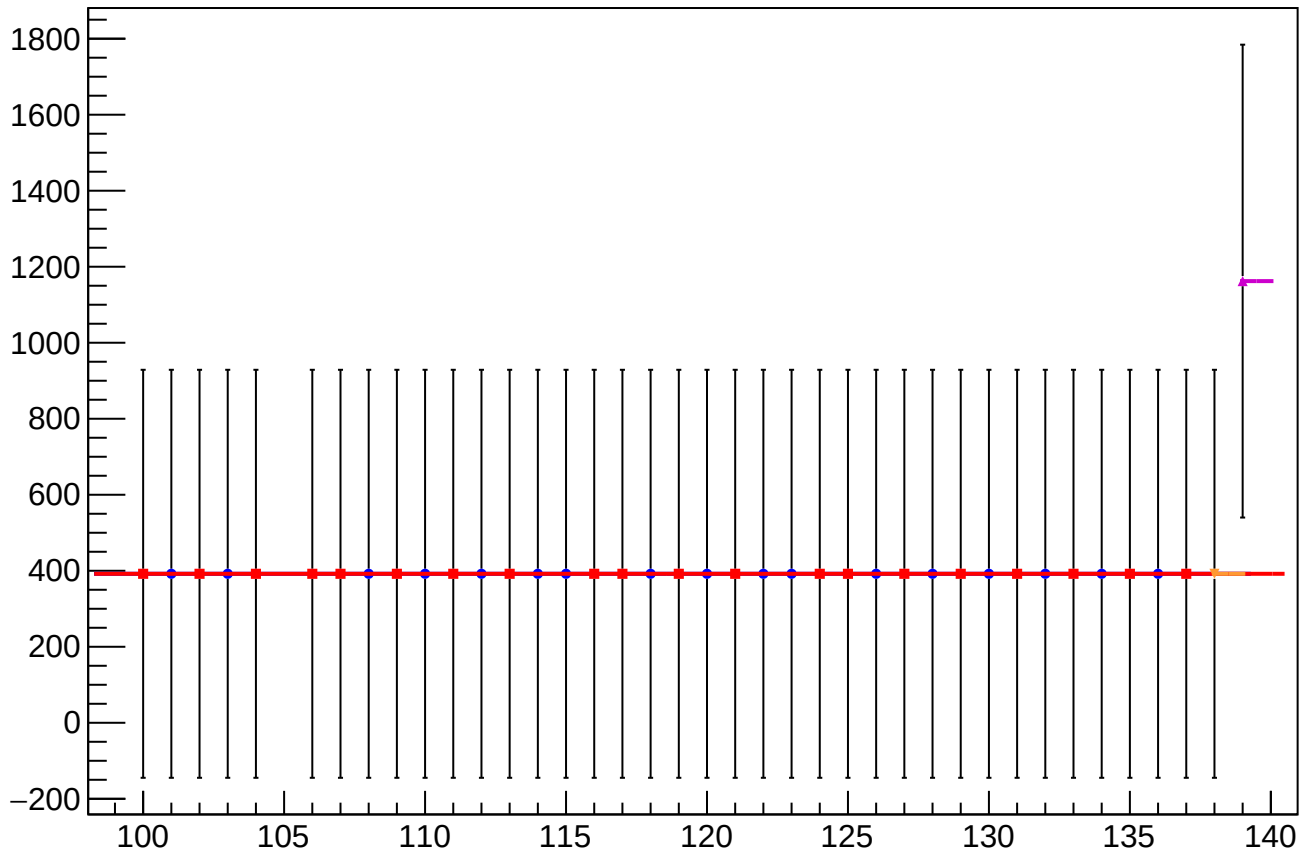
Right Out: 86.887 $\pm$ 0.016 χ^2 /NDF: 0.0/19

Left In: 69.264 $\pm$ 0.070 χ^2 /NDF: 0.0/0

86.887 $\pm$ 0.017 χ^2 /NDF: 0.0/17

85.998 $\pm$ 0.016 χ^2 /NDF: 59711.6/20

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 392.019+/-130.188 χ^2/NDF : 0.0/16

Left Out: 392.019+/-536.780 χ^2/NDF : 0.0/0

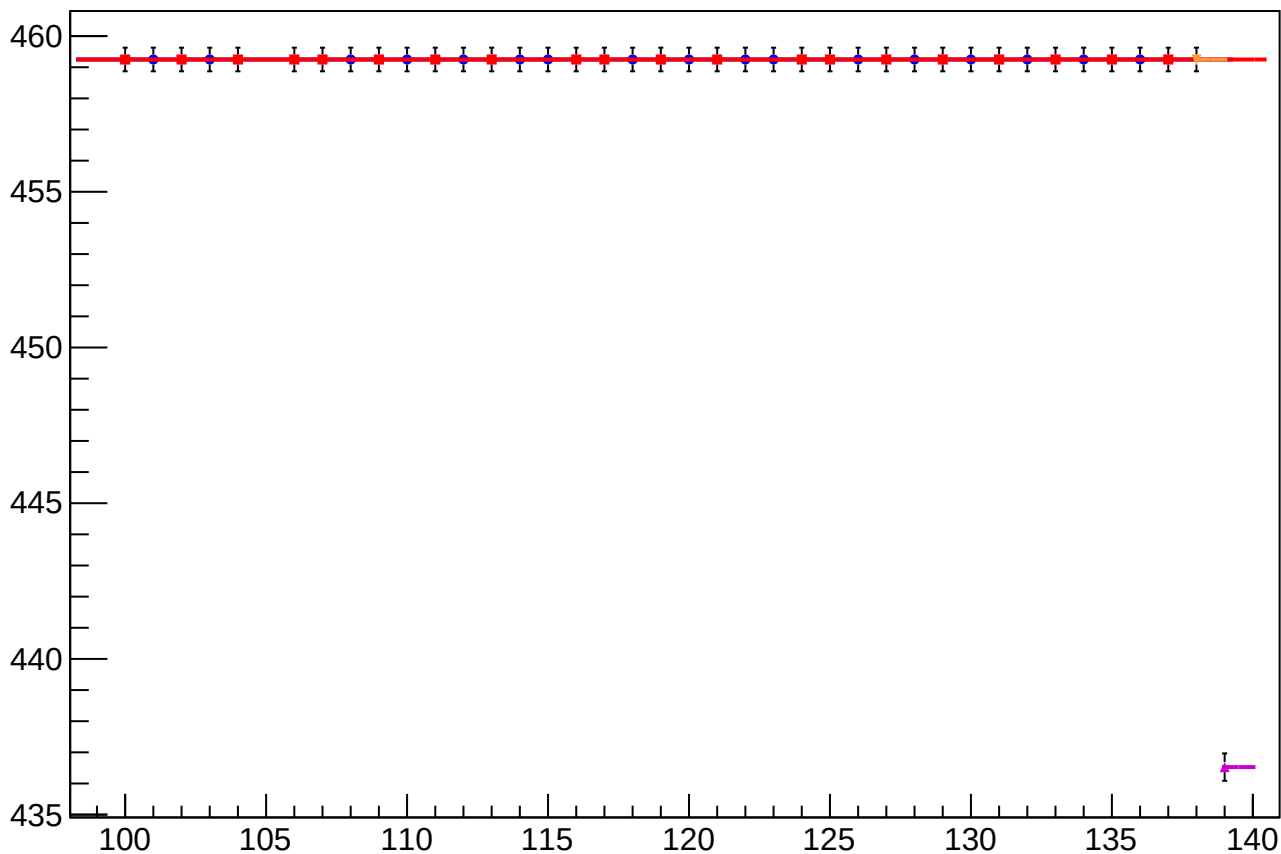
Right Out: 392.019+/-120.028 χ^2/NDF : 0.0/19

Left In: 1162.165+/-622.120 χ^2/NDF : 0.0/0

392.019+/-126.520 χ^2/NDF : 0.0/17

419.658+/-117.854 χ^2/NDF : 1.5/20

asym_sam_37_48_dd_correction_rms vs Slug



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

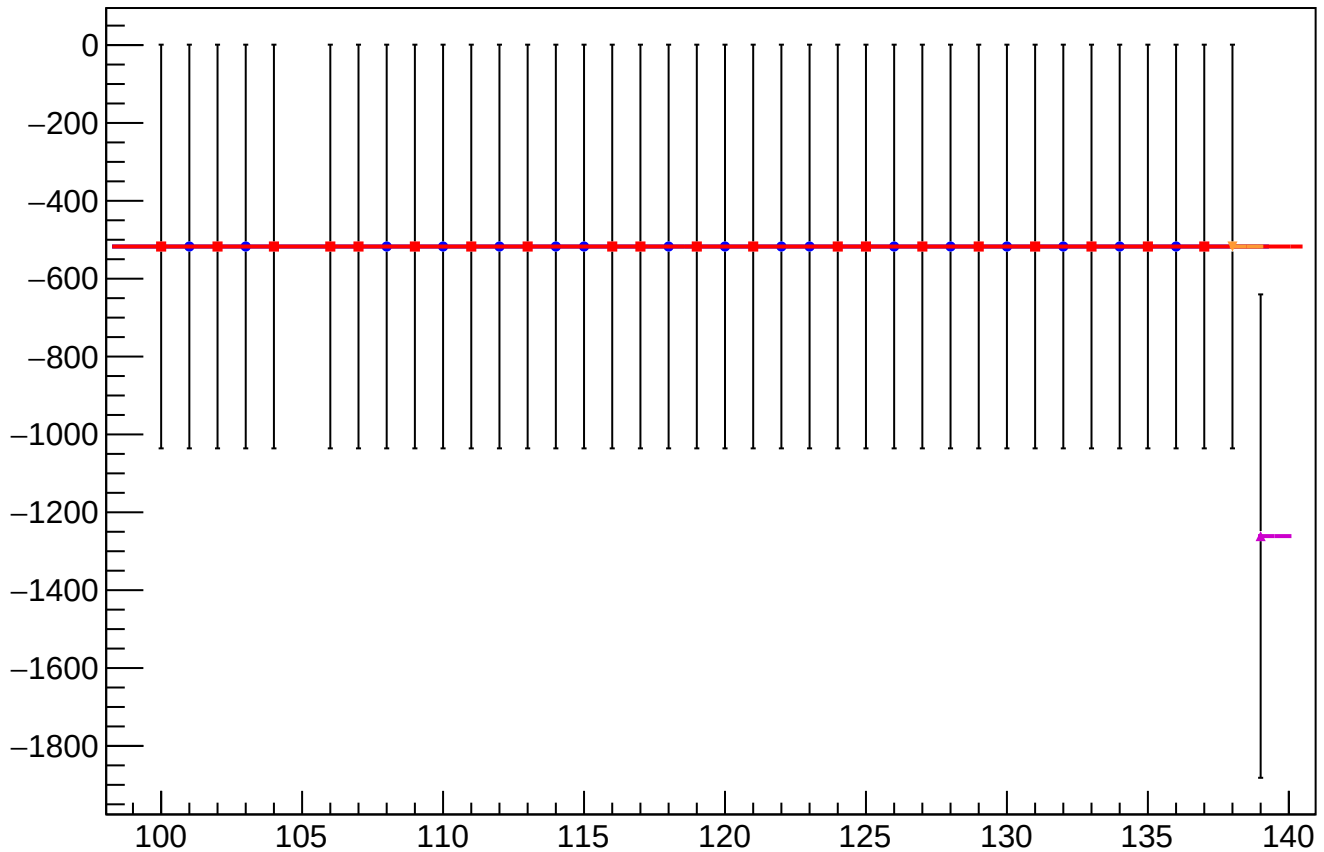
Right Out: 459.249 $\pm$ 0.085 χ^2 /NDF: 0.0/19

Left In: 436.526 $\pm$ 0.440 χ^2 /NDF: 0.0/0

459.249 $\pm$ 0.089 χ^2 /NDF: 0.0/17

458.433 $\pm$ 0.083 χ^2 /NDF: 2572.3/20

asym_sam_37_48_dd_mean vs Slug



Right In: -517.375+/-125.736 χ^2/NDF : 0.0/16

Left Out: -517.375+/-518.424 χ^2/NDF : 0.0/0

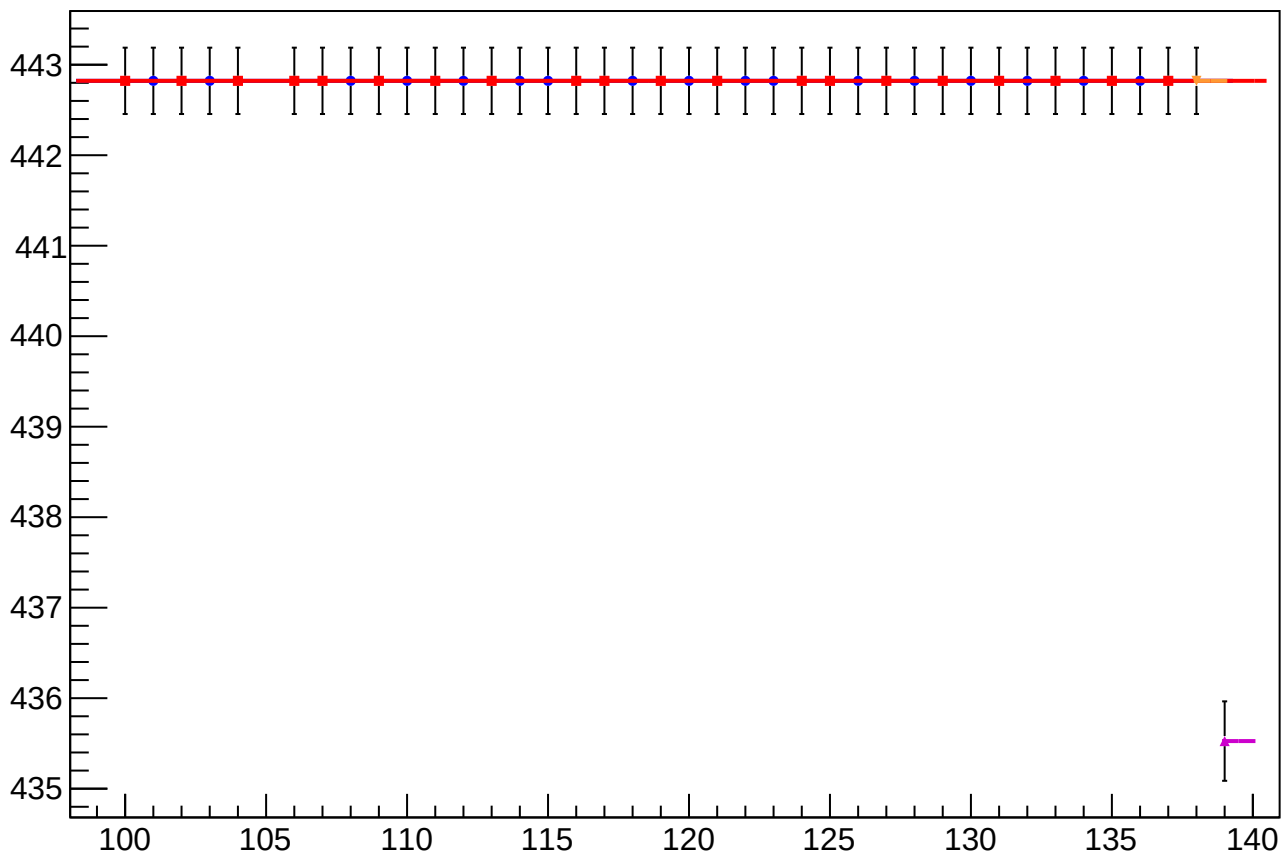
Right Out: -517.375+/-115.923 χ^2/NDF : 0.0/19

Left In: -1261.116+/-620.789 χ^2/NDF : 0.0/0

-517.375+/-122.194 χ^2/NDF : 0.0/17

-542.436+/-113.953 χ^2/NDF : 1.4/20

asym_sam_37_48_dd_rms vs Slug



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

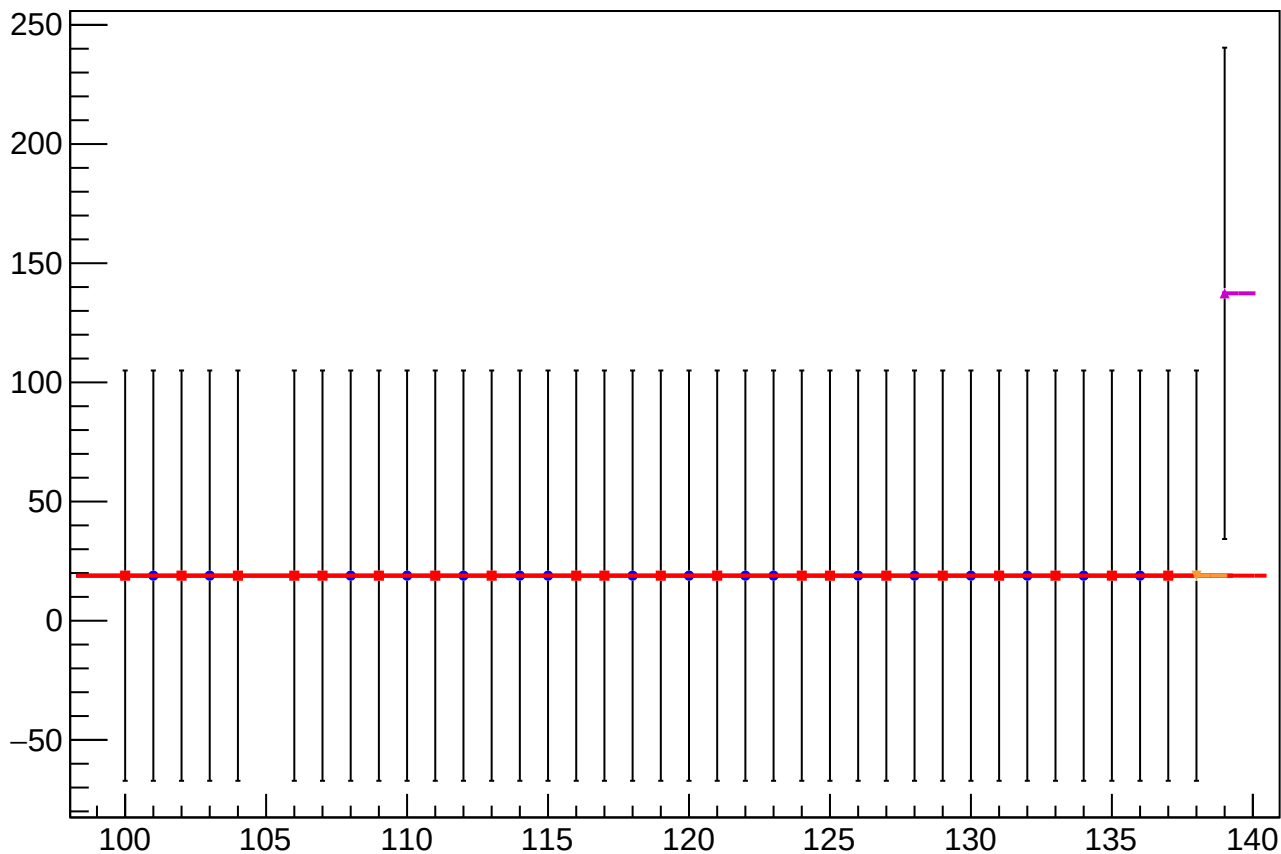
Right Out: 442.822 $\pm$ 0.082 χ^2 /NDF: 0.0/19

Left In: 435.526 $\pm$ 0.439 χ^2 /NDF: 0.0/0

442.822 $\pm$ 0.086 χ^2 /NDF: 0.0/17

442.576 $\pm$ 0.081 χ^2 /NDF: 266.9/20

dit_asym_sam_15_26_dd_mean vs Slug



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

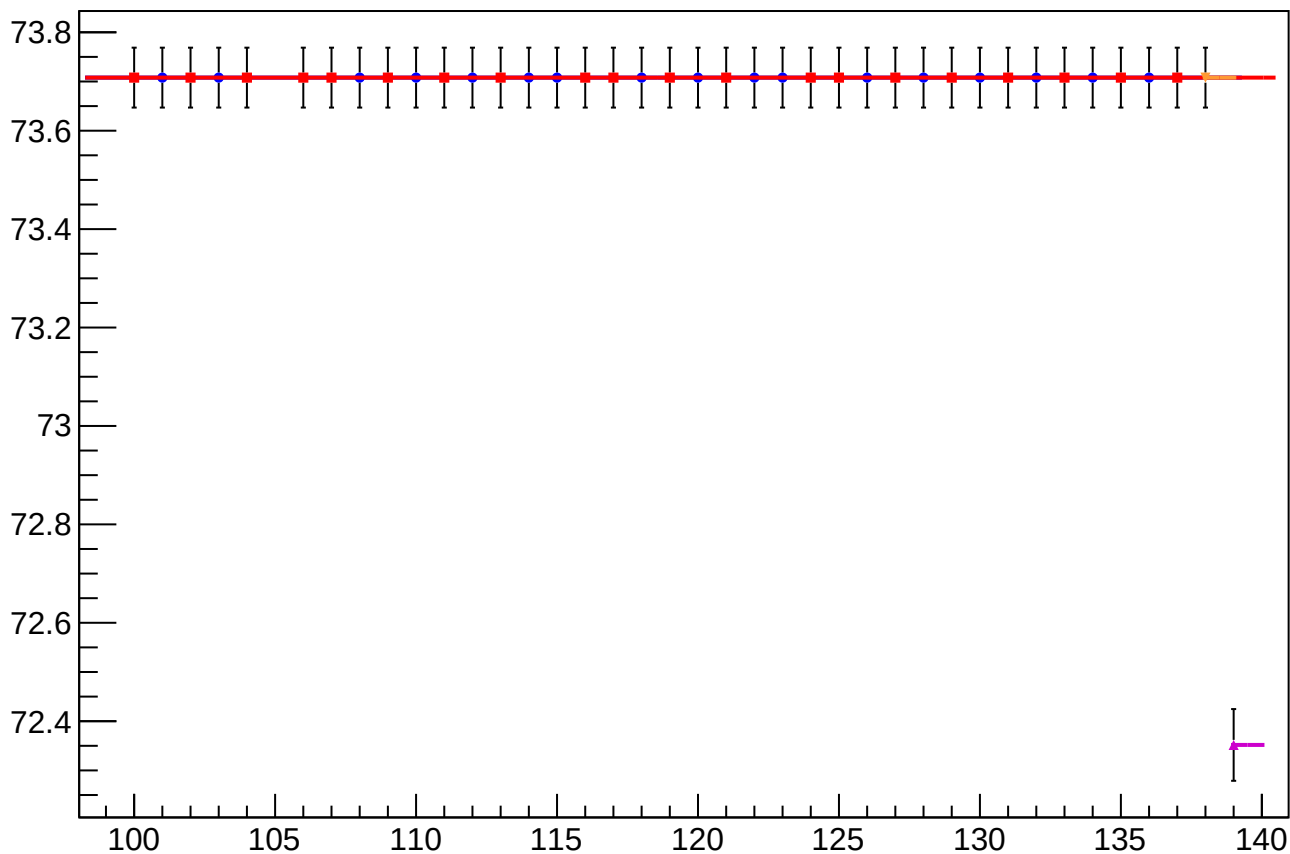
Right Out: 18.911 $\pm$ 19.247 χ^2 /NDF: 0.0/19

Left In: 137.364 $\pm$ 103.076 χ^2 /NDF: 0.0/0

18.911 $\pm$ 20.288 χ^2 /NDF: 0.0/17

22.902 $\pm$ 18.920 χ^2 /NDF: 1.3/20

dit_asym_sam_15_26_dd_rms vs Slug



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

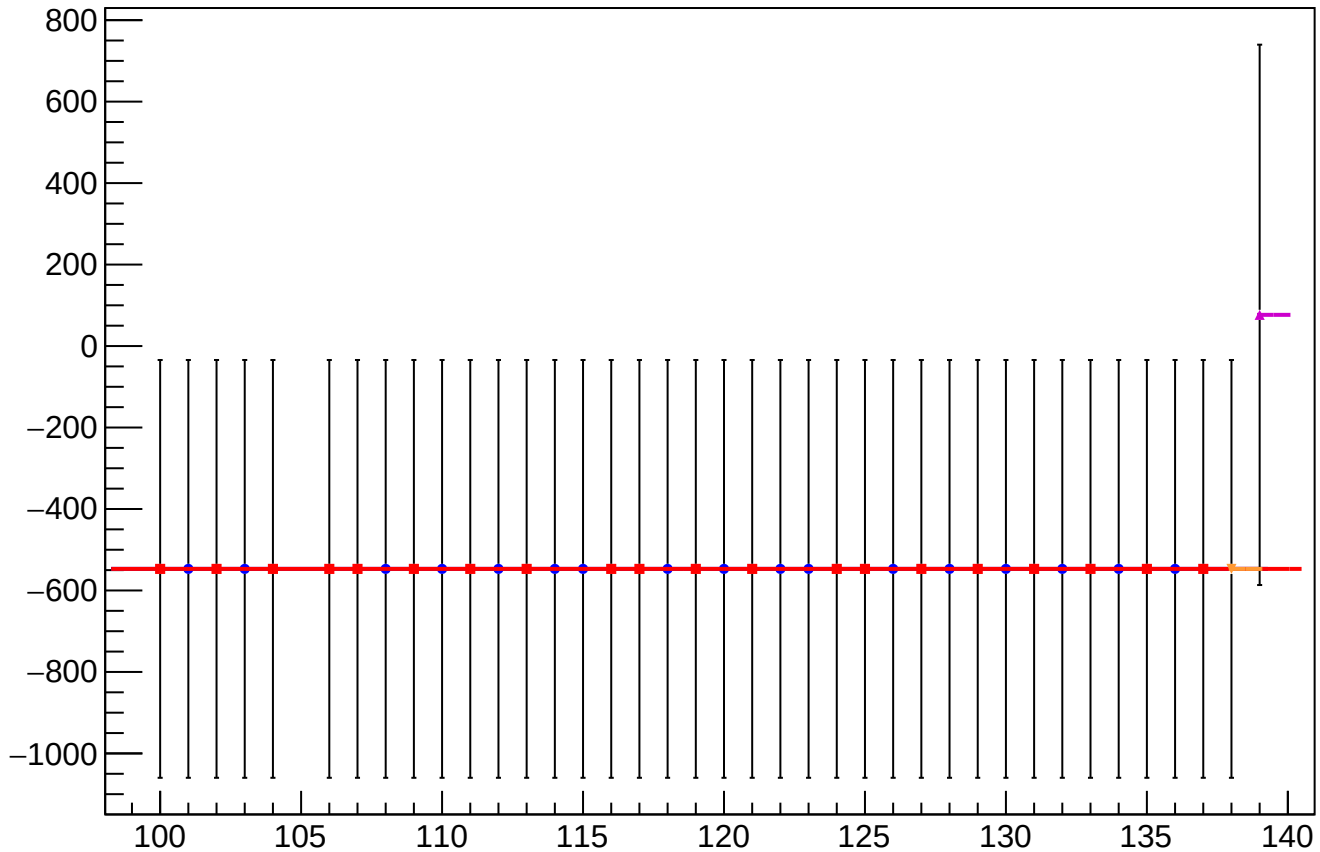
Right Out: 73.708 $\pm$ 0.014 χ^2 /NDF: 0.0/19

Left In: 72.352 $\pm$ 0.073 χ^2 /NDF: 0.0/0

73.708 $\pm$ 0.014 χ^2 /NDF: 0.0/17

73.662 $\pm$ 0.013 χ^2 /NDF: 334.5/20

asym_sam_15_26_dd_correction_mean vs Slug



Right In: -547.029 $\pm$ 124.372 χ^2 /NDF: 0.0/16

Left Out: -547.029 $\pm$ 512.798 χ^2 /NDF: 0.0/0

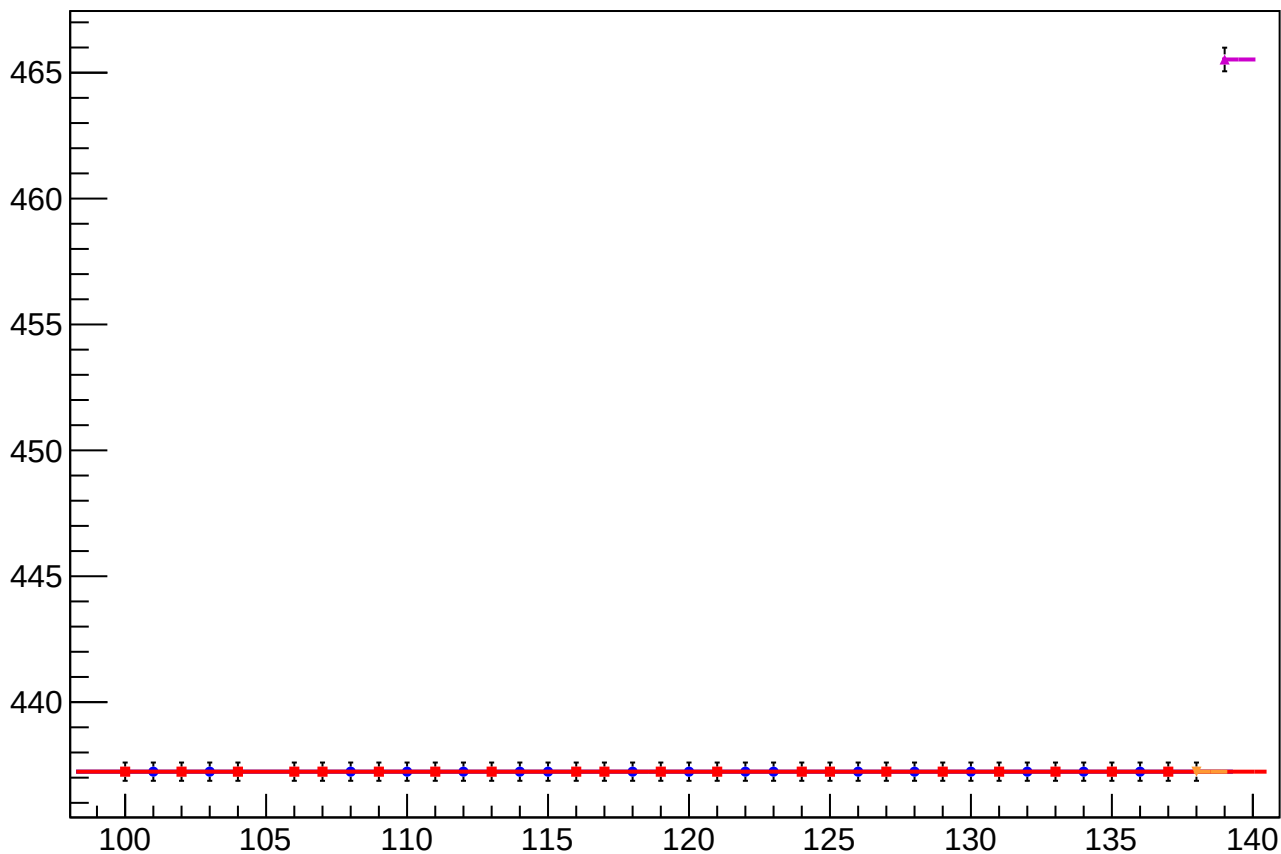
Right Out: -547.029 $\pm$ 114.665 χ^2 /NDF: 0.0/19

Left In: 76.589 $\pm$ 663.212 χ^2 /NDF: 0.0/0

-547.029 $\pm$ 120.868 χ^2 /NDF: 0.0/17

-528.929 $\pm$ 112.989 χ^2 /NDF: 0.9/20

asym_sam_15_26_dd_correction_rms vs Slug



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

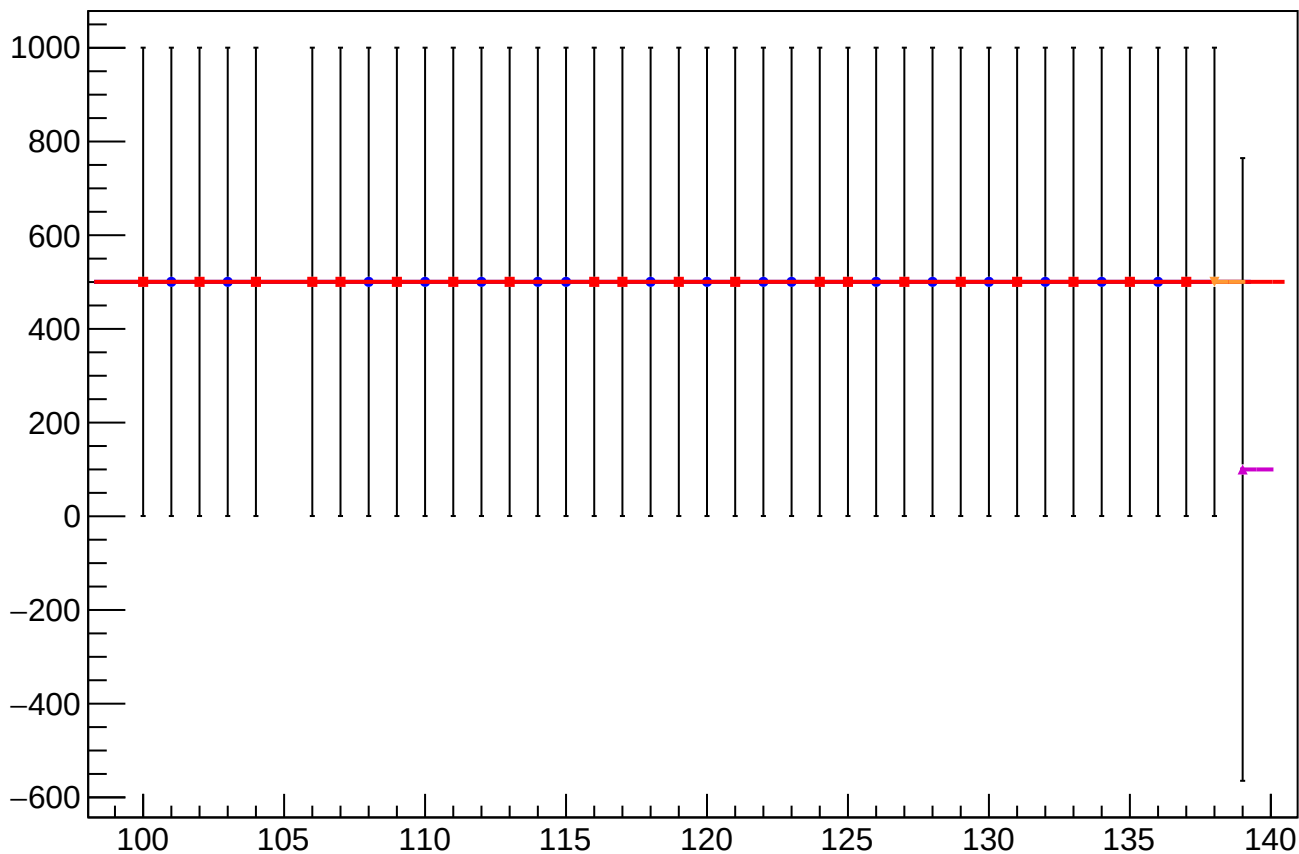
Right Out: 437.238 $\pm$ 0.081 χ^2 /NDF: 0.0/19

Left In: 465.525 $\pm$ 0.469 χ^2 /NDF: 0.0/0

437.238 $\pm$ 0.085 χ^2 /NDF: 0.0/17

438.059 $\pm$ 0.080 χ^2 /NDF: 3532.5/20

asym_sam_15_26_dd_mean vs Slug



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

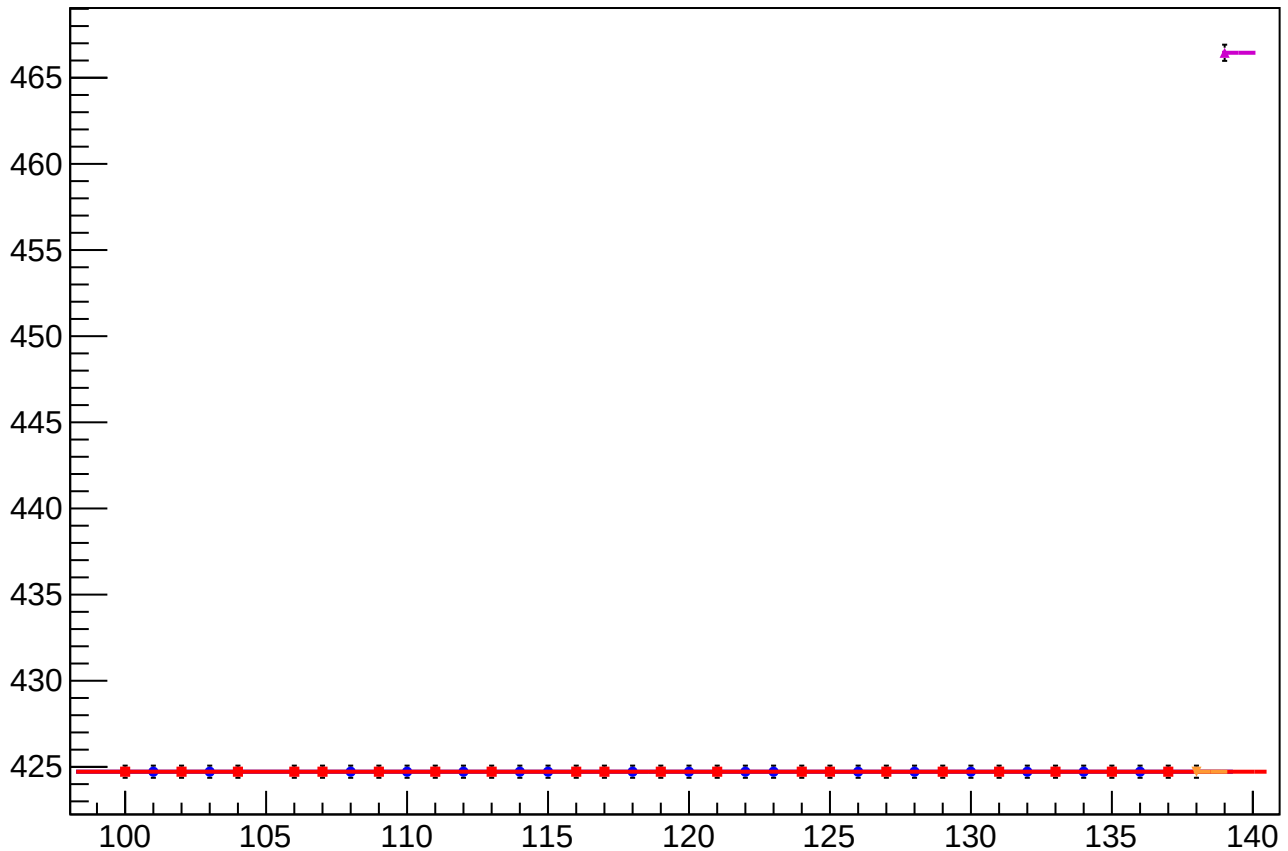
Right Out: 500.448 $\pm$ 111.776 χ^2 /NDF: 0.0/19

Left In: 99.983 $\pm$ 664.612 χ^2 /NDF:0.0/0

500.448 $\pm$ 117.822 χ^2 /NDF: 0.0/17

489.432 $\pm$ 110.228 χ^2 /NDF: 0.4/20

asym_sam_15_26_dd_rms vs Slug



Right In: 424.721 $\pm$ 0.086 χ^2 /NDF: 0.0/16

424.721 $\pm$ 0.083 χ^2 /NDF: 0.0/17

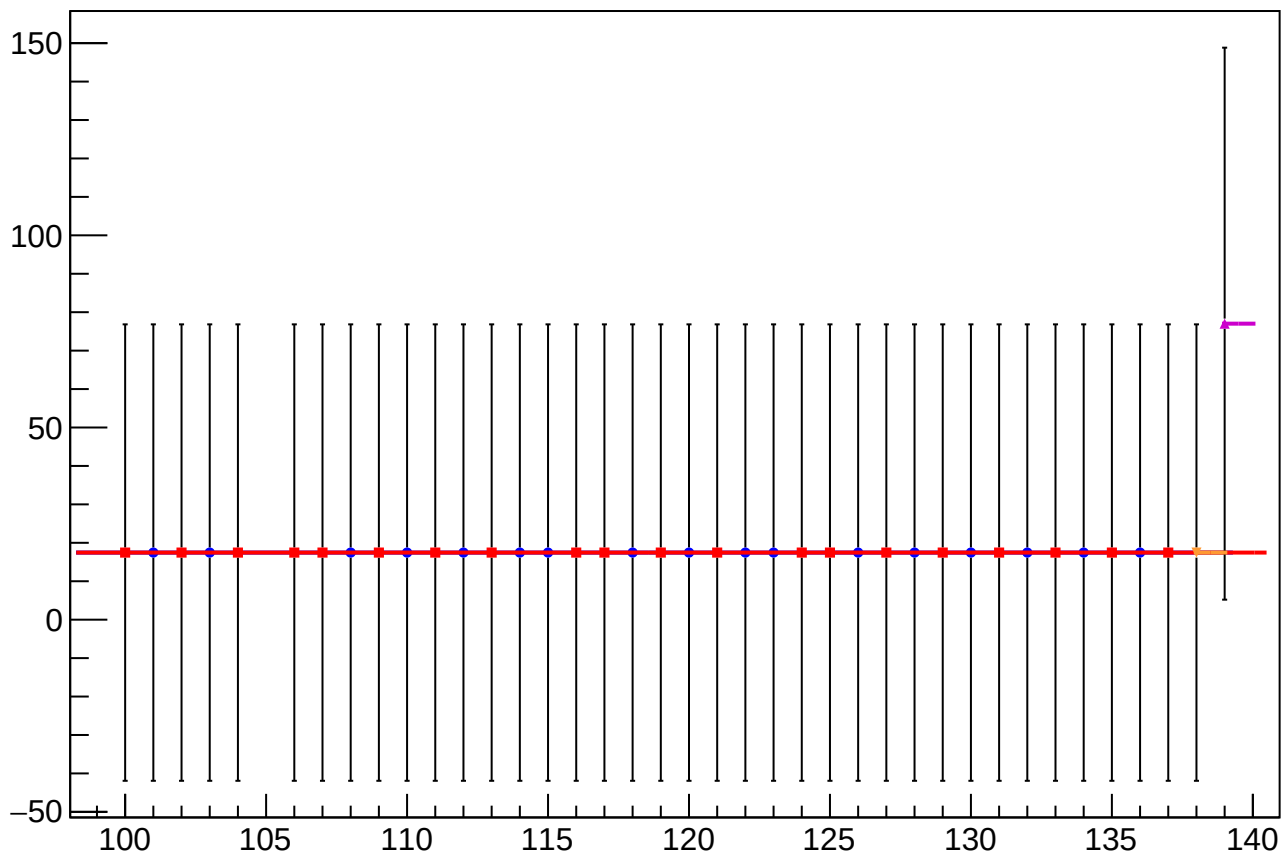
Left Out: 424.721 $\pm$ 0.353 χ^2 /NDF: 0.0/0

Right Out: 424.721 $\pm$ 0.079 χ^2 /NDF: 0.0/19

425.868 $\pm$ 0.078 χ^2 /NDF: 7667.7/20

Left In: 466.450 $\pm$ 0.470 χ^2 /NDF: 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

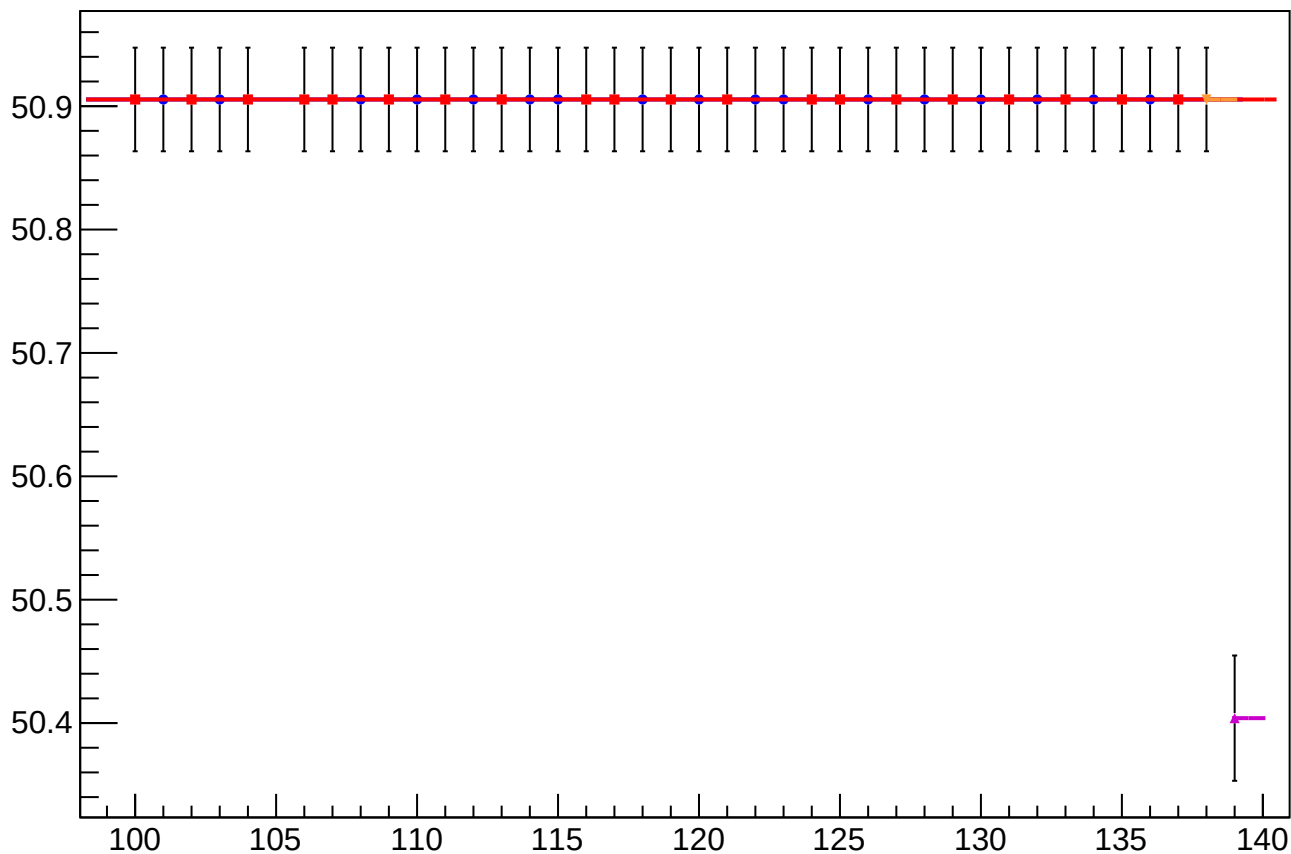
Right Out: 17.458 $\pm$ 13.277 χ^2/NDF : 0.0/19

Left In: 77.015 $\pm$ 71.808 χ^2/NDF : 0.0/0

17.458 $\pm$ 13.996 χ^2/NDF : 0.0/17

19.427 $\pm$ 13.056 χ^2/NDF : 0.7/20

dit_asym_sam_37_26_dd_rms vs Slug



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

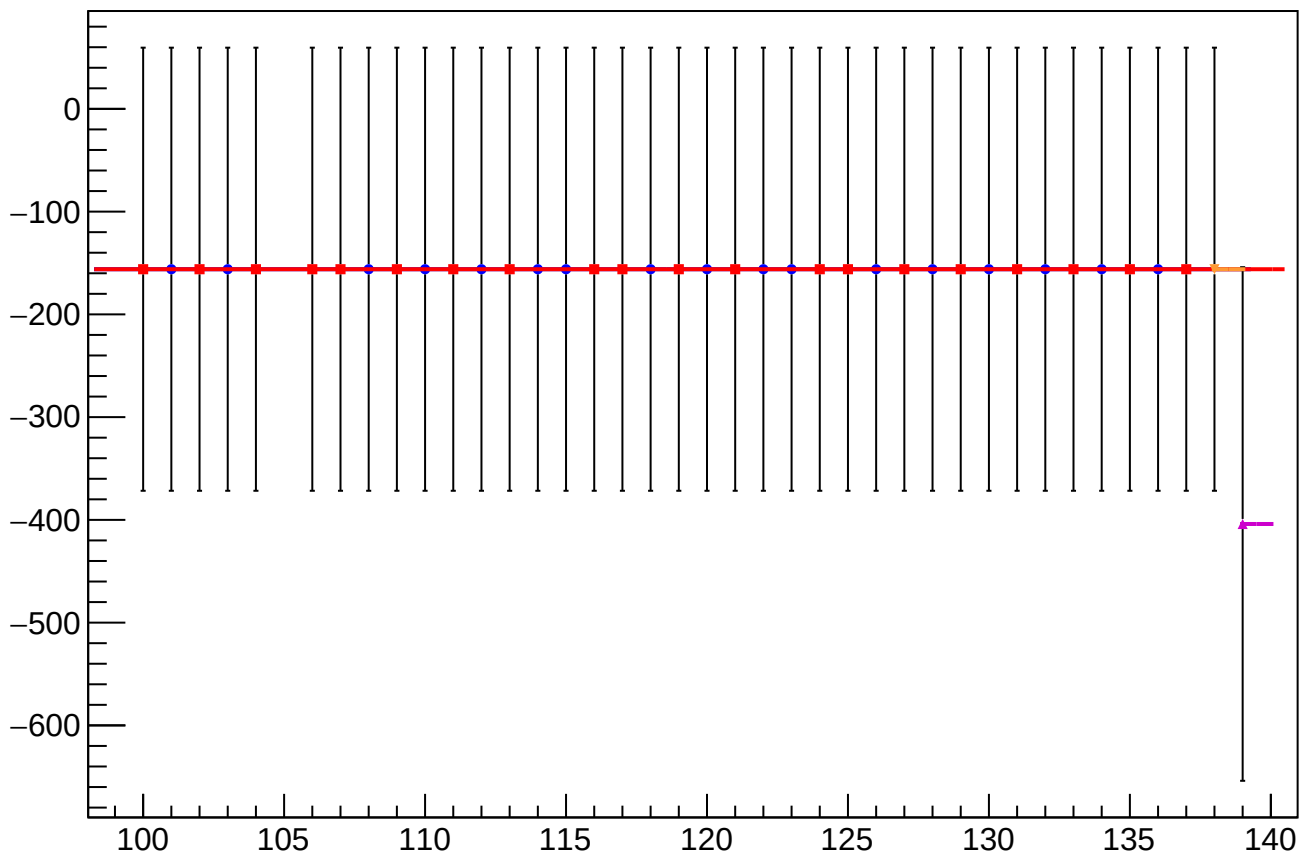
Right Out: 50.905 $\pm$ 0.009 χ^2 /NDF: 0.0/19

Left In: 50.404 $\pm$ 0.051 χ^2 /NDF: 0.0/0

50.905 $\pm$ 0.010 χ^2 /NDF: 0.0/17

50.889 $\pm$ 0.009 χ^2 /NDF: 94.3/20

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -156.062 $\pm$ 52.294 χ^2 /NDF: 0.0/16

Left Out: -156.062 $\pm$ 215.615 χ^2 /NDF: 0.0/0

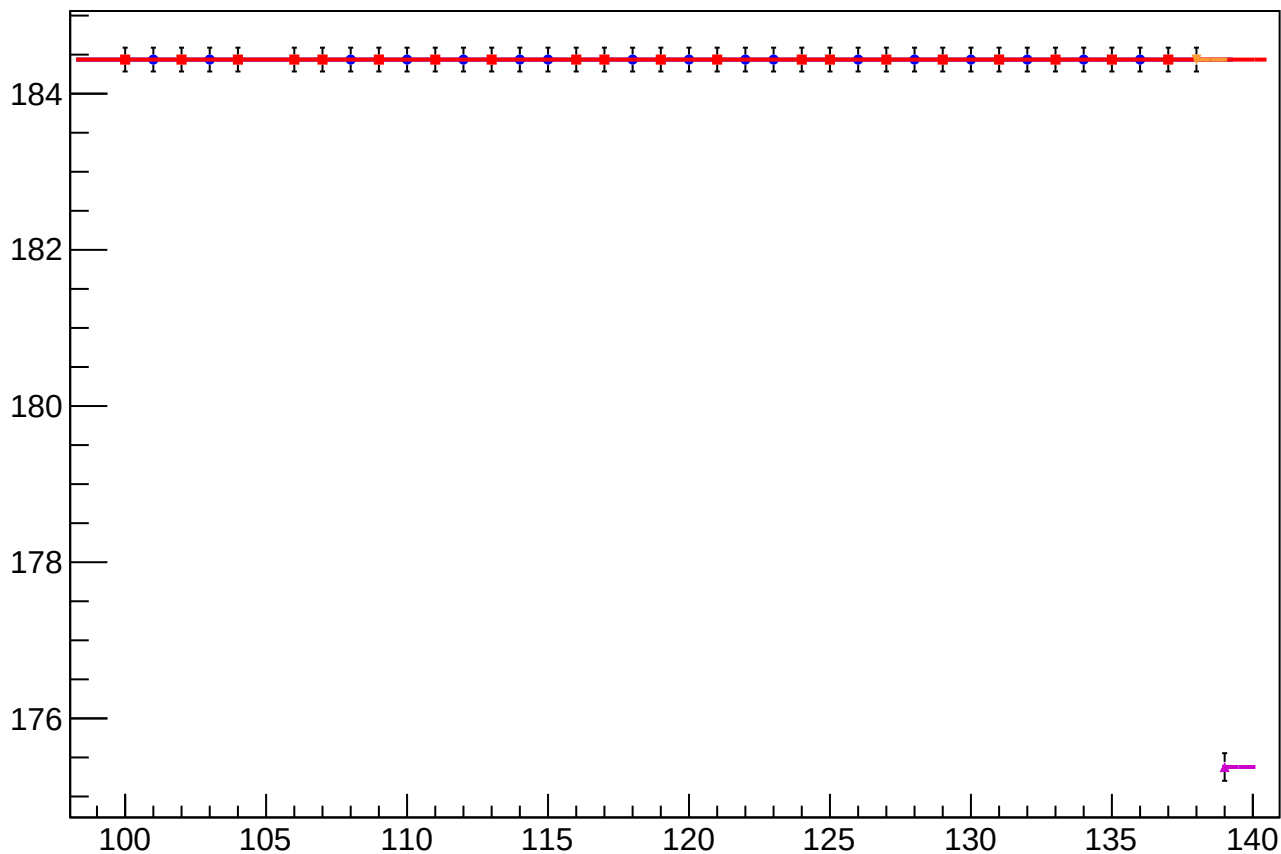
Right Out: -156.062 $\pm$ 48.213 χ^2 /NDF: 0.0/19

Left In: -403.998 $\pm$ 249.925 χ^2 /NDF: 0.0/0

-156.062 $\pm$ 50.821 χ^2 /NDF: 0.0/17

-164.957 $\pm$ 47.340 χ^2 /NDF: 0.9/20

asym_sam_37_26_dd_correction_rms vs Slug



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

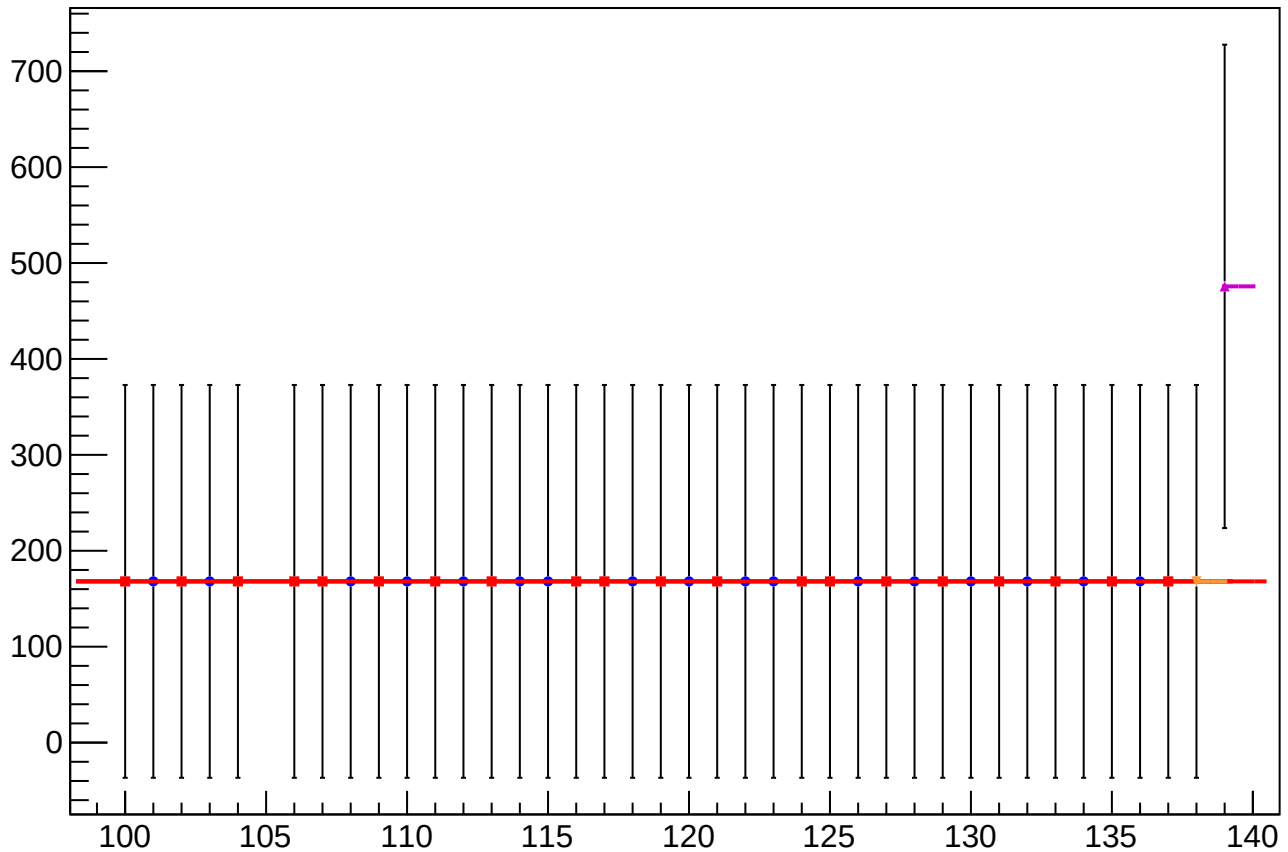
Right Out: 184.437 $\pm$ 0.034 χ^2 /NDF: 0.0/19

Left In: 175.378 $\pm$ 0.177 χ^2 /NDF: 0.0/0

184.437 $\pm$ 0.036 χ^2 /NDF: 0.0/17

184.112 $\pm$ 0.033 χ^2 /NDF: 2533.4/20

asym_sam_37_26_dd_mean vs Slug



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

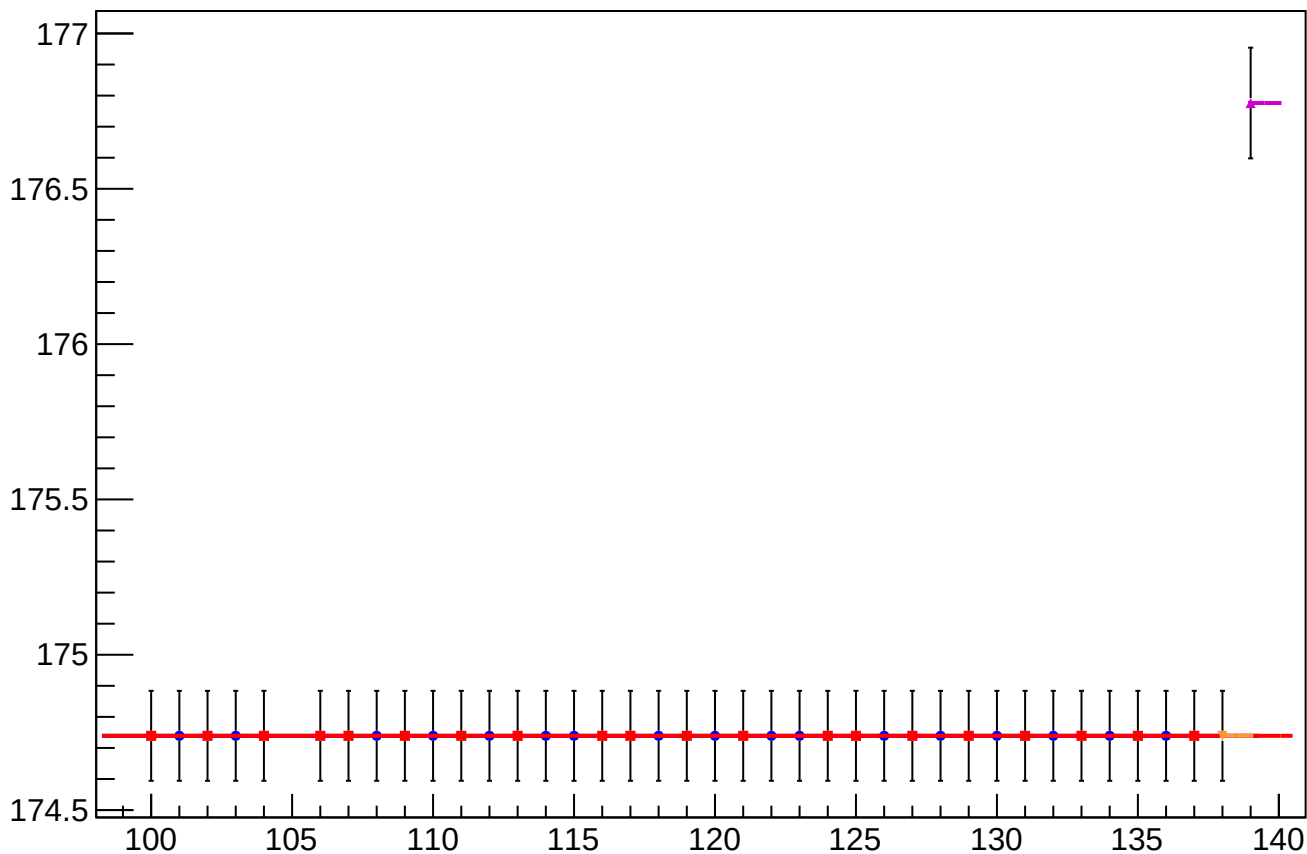
Right Out: 168.090 $\pm$ 45.791 χ^2 /NDF: 0.0/19

Left In: 475.665 $\pm$ 251.993 χ^2 /NDF: 0.0/0

168.090 $\pm$ 48.268 χ^2 /NDF: 0.0/17

177.922 $\pm$ 45.053 χ^2 /NDF: 1.4/20

asym_sam_37_26_dd_rms vs Slug



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

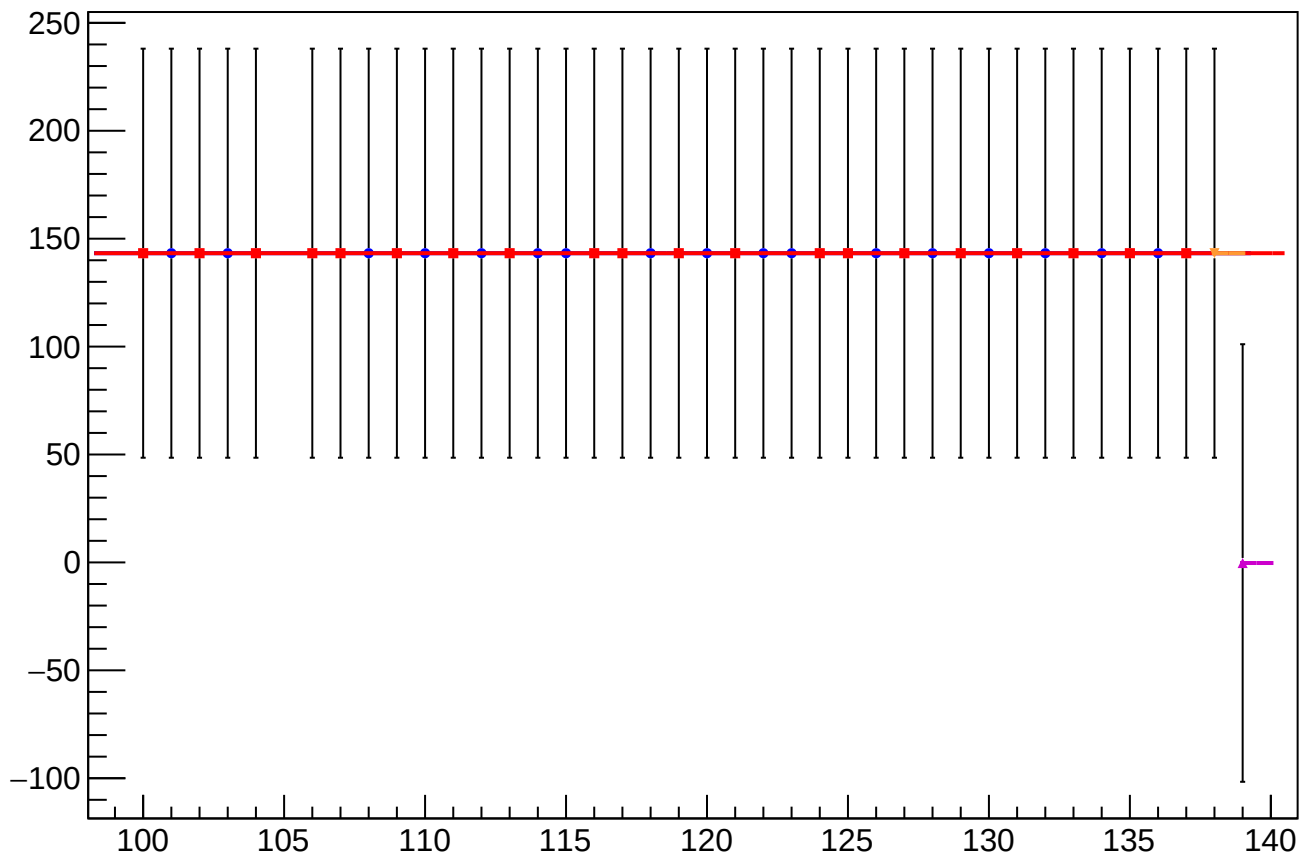
Right Out: 174.739 $\pm$ 0.032 χ^2 /NDF: 0.0/19

Left In: 176.776 $\pm$ 0.178 χ^2 /NDF: 0.0/0

174.739 $\pm$ 0.034 χ^2 /NDF: 0.0/17

174.804 $\pm$ 0.032 χ^2 /NDF: 126.5/20

dit_asym_sam_1357_avg_mean vs Slug



Right In: 143.273 $\pm$ 22.985 χ^2 /NDF: 0.0/16

Left Out: 143.273 $\pm$ 94.769 χ^2 /NDF:0.0/0

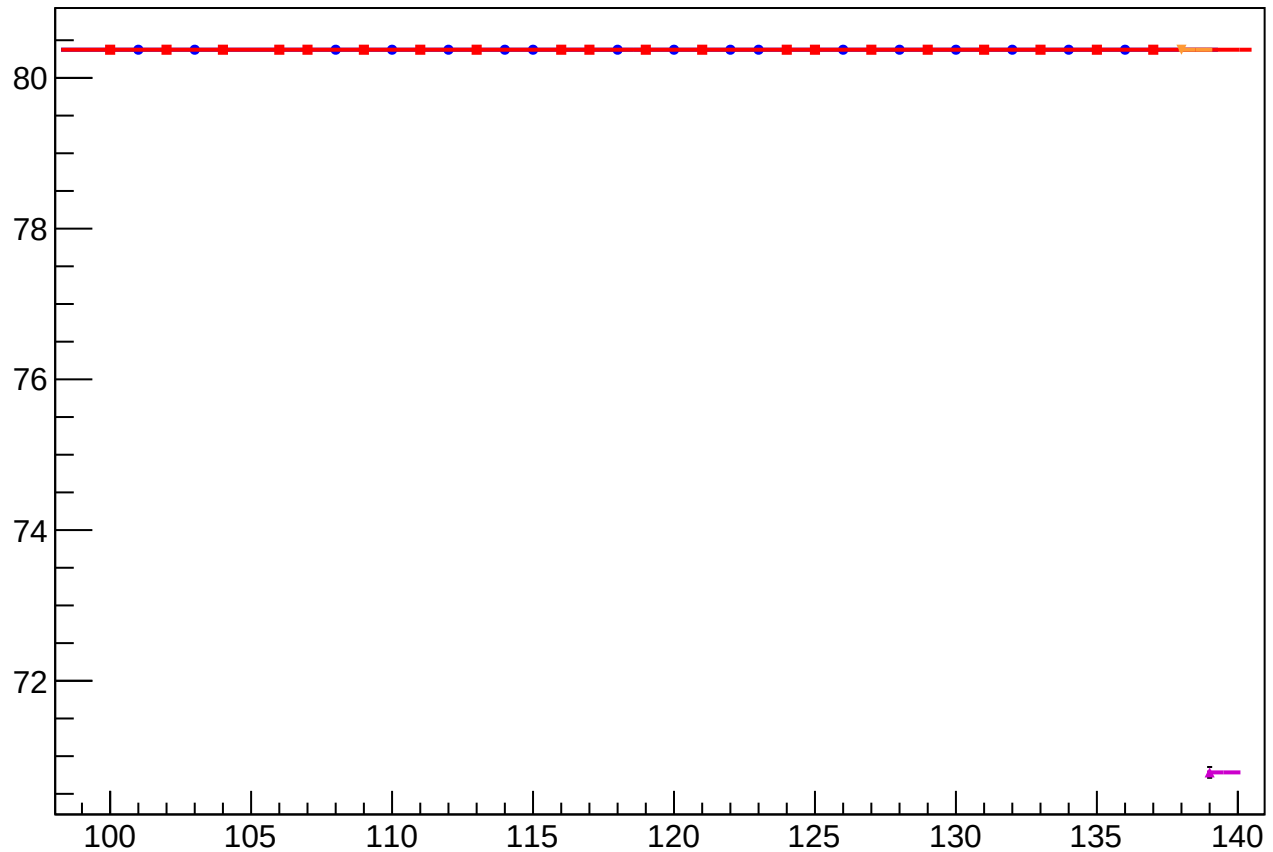
Right Out: 143.273 $\pm$ 21.191 χ^2 /NDF: 0.0/19

Left In: -0.276 $\pm$ 101.377 χ^2 /NDF:0.0/0

143.273 $\pm$ 22.337 χ^2 /NDF: 0.0/17

137.264 $\pm$ 20.743 χ^2 /NDF: 1.9/20

dit_asym_sam_1357_avg_rms vs Slug



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

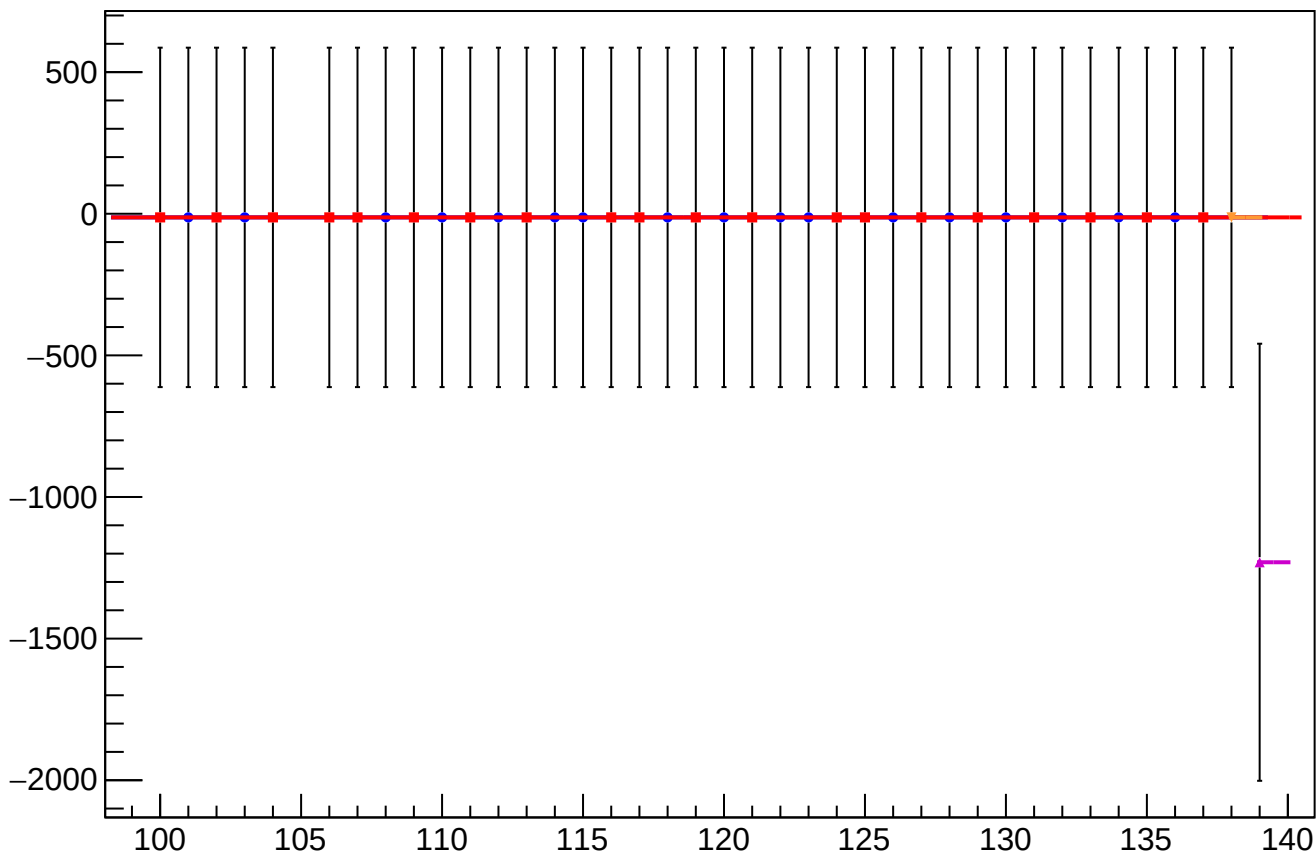
Right Out: 80.374 $\pm$ 0.015 χ^2 /NDF: 0.0/19

Left In: 70.785 $\pm$ 0.072 χ^2 /NDF: 0.0/0

80.374 $\pm$ 0.016 χ^2 /NDF: 0.0/17

79.973 $\pm$ 0.015 χ^2 /NDF: 17146.5/20

asym_sam_1357_avg_correction_mean vs Slug



Right In: -12.832 $\pm$ 145.325 χ^2 /NDF: 0.0/16

Left Out: -12.832 $\pm$ 599.191 χ^2 /NDF: 0.0/0

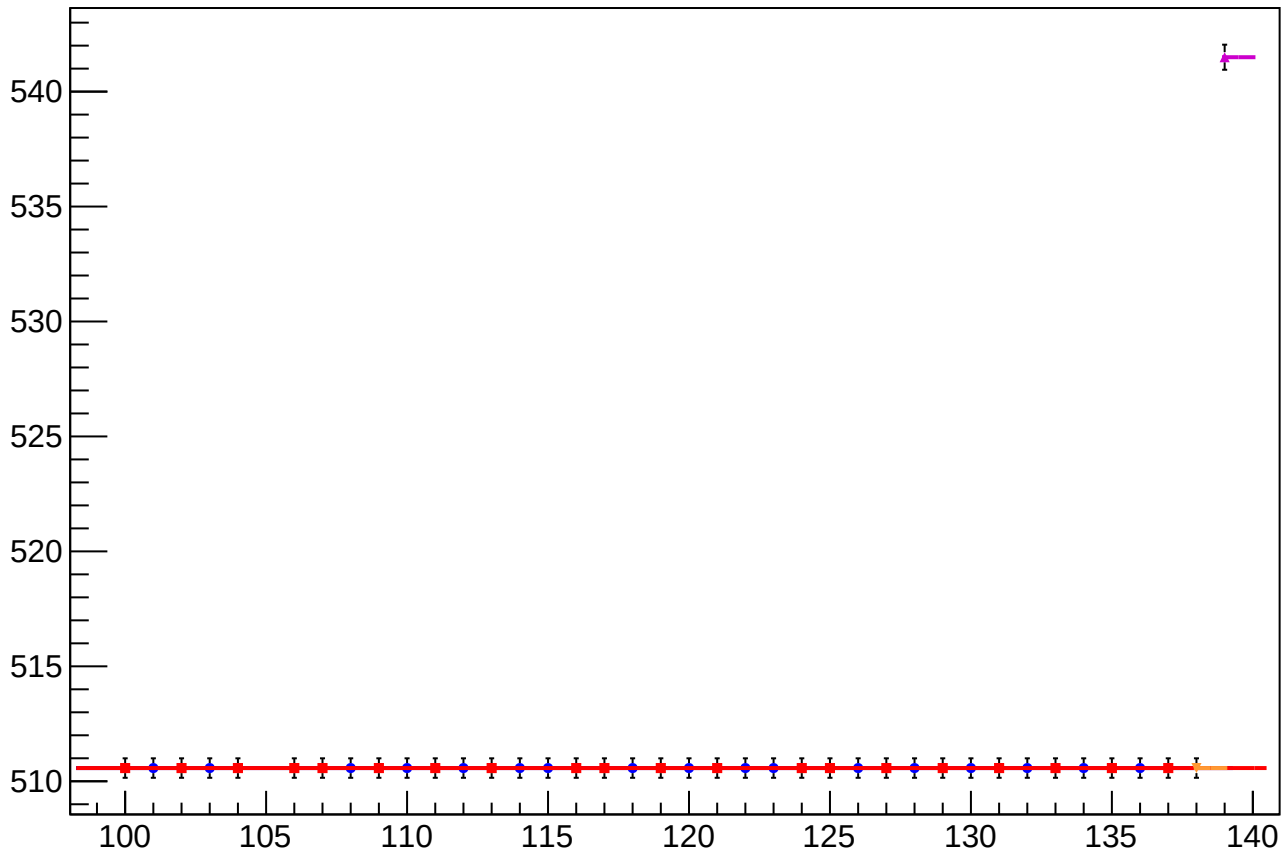
Right Out: -12.832 $\pm$ 133.983 χ^2 /NDF: 0.0/19

Left In: -1230.435 $\pm$ 771.582 χ^2 /NDF: 0.0/0

-12.832 $\pm$ 141.231 χ^2 /NDF: 0.0/17

-48.472 $\pm$ 132.008 χ^2 /NDF: 2.4/20

asym_sam_1357_avg_correction_rms vs Slug



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

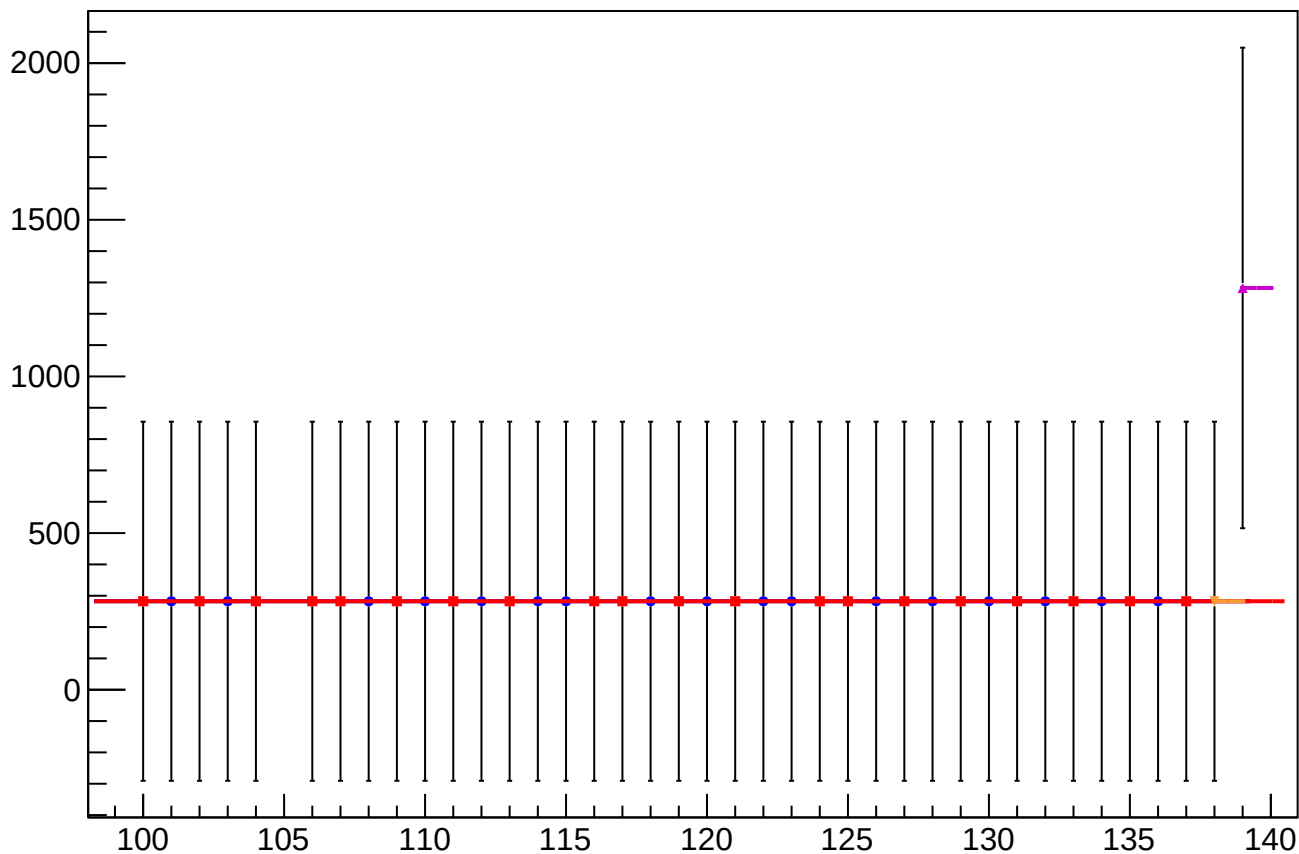
Right Out: 510.575 $\pm$ 0.095 χ^2 /NDF: 0.0/19

Left In: 541.496 $\pm$ 0.546 χ^2 /NDF: 0.0/0

510.575 $\pm$ 0.100 χ^2 /NDF: 0.0/17

511.480 $\pm$ 0.093 χ^2 /NDF: 3118.0/20

asym_sam_1357_avg_mean vs Slug



Right In: 282.465+/-139.000 χ^2/NDF : 0.0/16

Left Out: 282.465+/-573.112 χ^2/NDF : 0.0/0

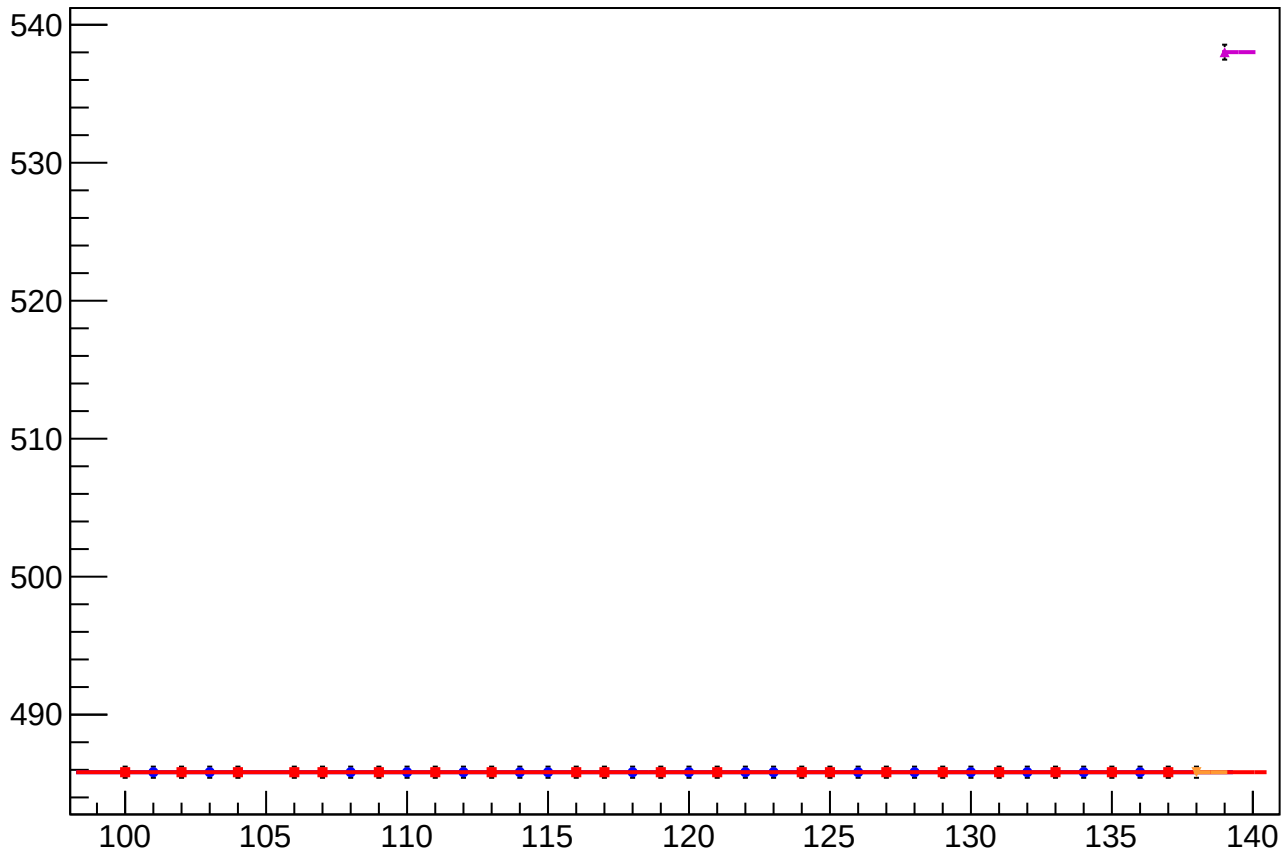
Right Out: 282.465+/-128.152 χ^2/NDF : 0.0/19

Left In: 1282.452+/-766.928 χ^2/NDF : 0.0/0

282.465+/-135.084 χ^2/NDF : 0.0/17

309.627+/-126.399 χ^2/NDF : 1.7/20

asym_sam_1357_avg_rms vs Slug



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

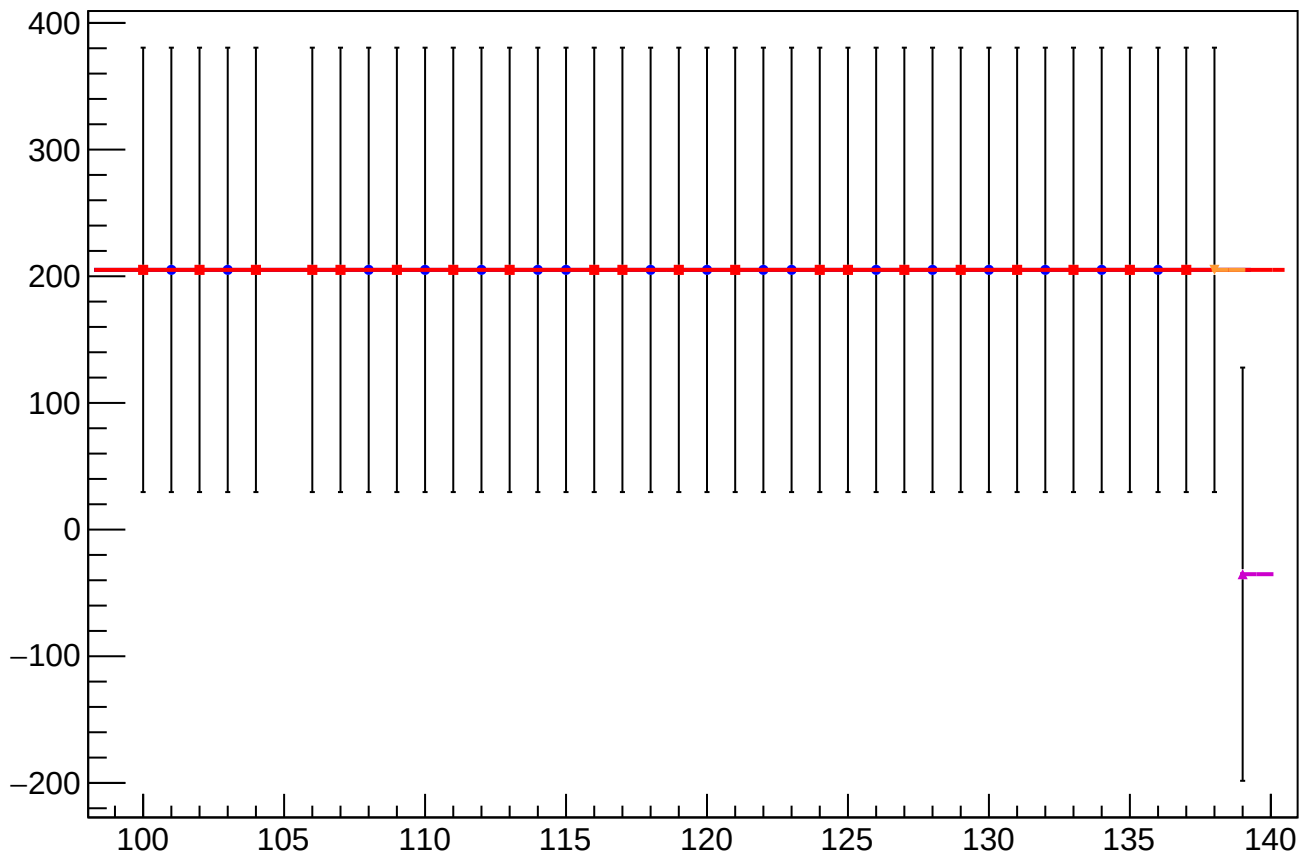
Right Out: 485.828 $\pm$ 0.091 χ^2 /NDF: 0.0/19

Left In: 538.016 $\pm$ 0.542 χ^2 /NDF: 0.0/0

485.828 $\pm$ 0.096 χ^2 /NDF: 0.0/17

487.246 $\pm$ 0.089 χ^2 /NDF: 9009.5/20

dit_asym_sam_2468_avg_mean vs Slug



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

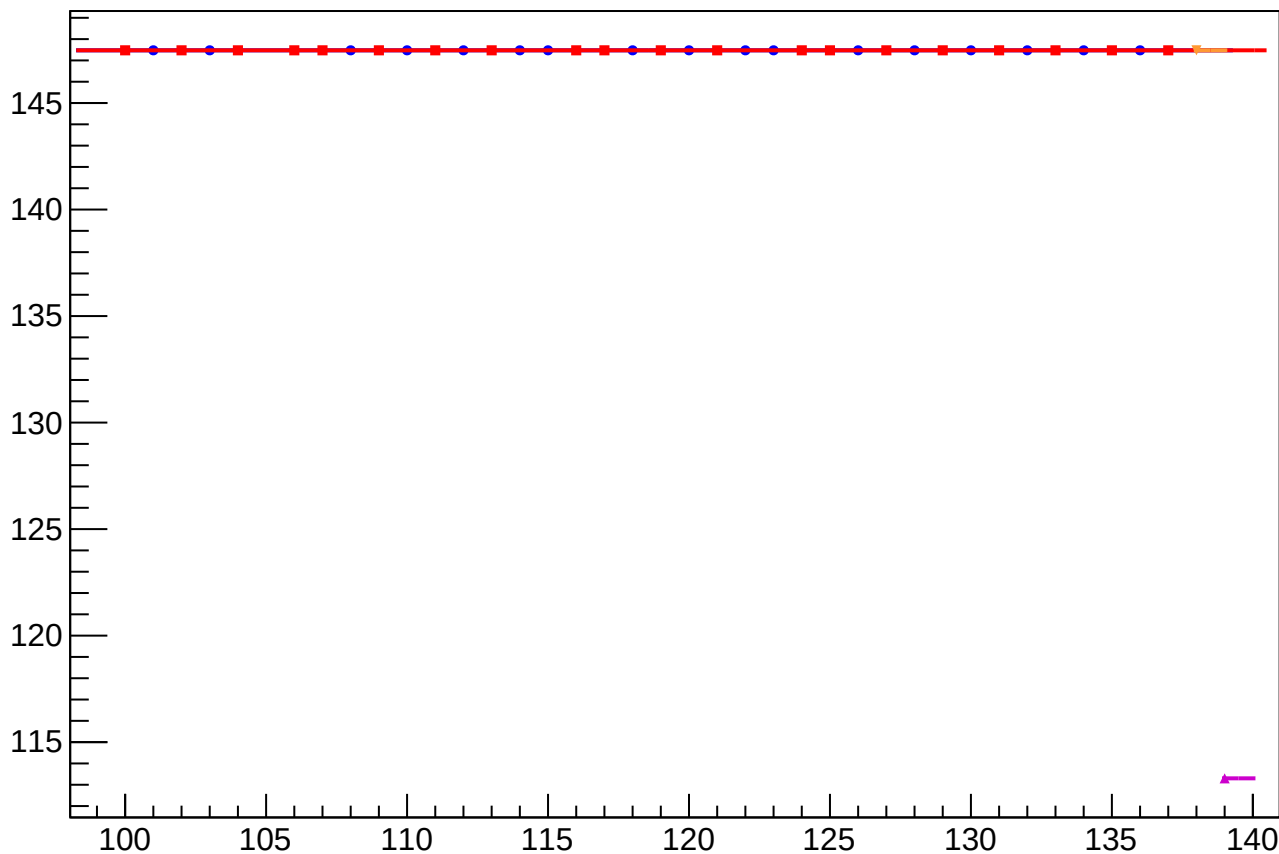
Right Out: 205.044 $\pm$ 39.226 χ^2 /NDF: 0.0/19

Left In: -35.207 $\pm$ 163.113 χ^2 /NDF: 0.0/0

205.044 $\pm$ 41.347 χ^2 /NDF: 0.0/17

191.910 $\pm$ 38.138 χ^2 /NDF: 2.1/20

dit_asym_sam_2468_avg_rms vs Slug



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

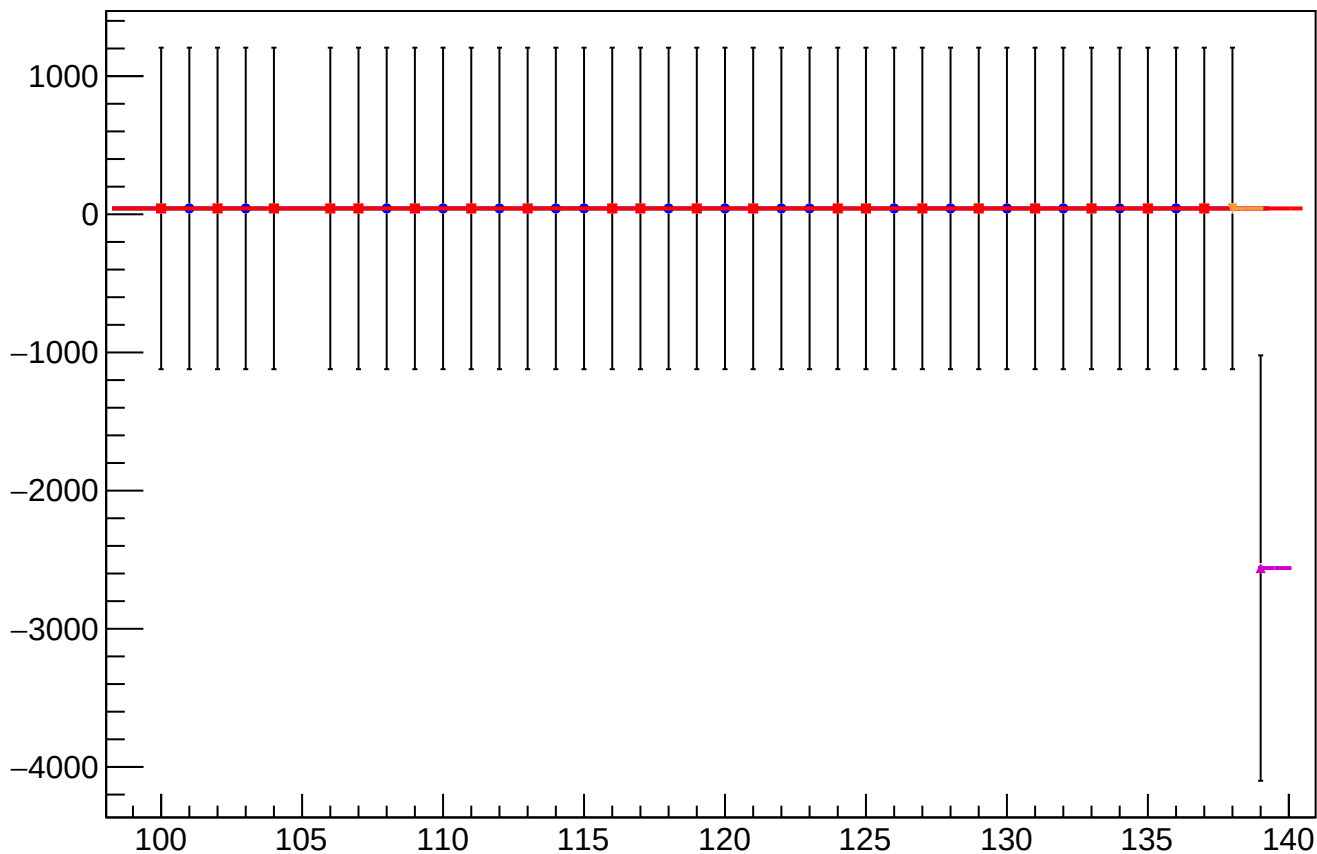
Right Out: 147.474 $\pm$ 0.028 χ^2 /NDF: 0.0/19

Left In: 113.301 $\pm$ 0.115 χ^2 /NDF: 0.0/0

147.474 $\pm$ 0.029 χ^2 /NDF: 0.0/17

145.606 $\pm$ 0.027 χ^2 /NDF: 82987.4/20

asym_sam_2468_avg_correction_mean vs Slug



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

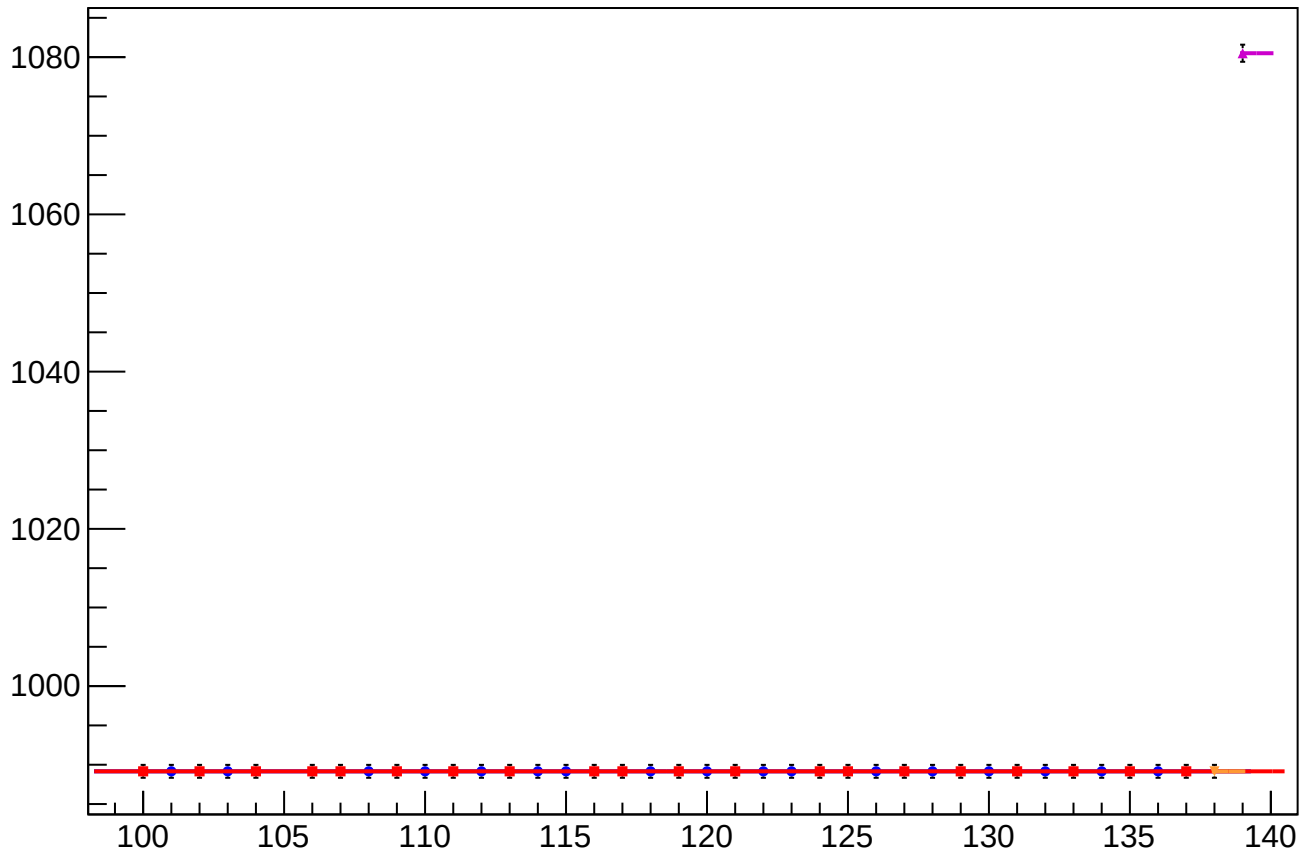
Right Out: 42.446 $\pm$ 260.189 χ^2 /NDF: 0.0/19

Left In: -2560.594 $\pm$ 1539.633 χ^2 /NDF: 0.0/0

42.446 $\pm$ 274.264 χ^2 /NDF: 0.0/17

-29.830 $\pm$ 256.552 χ^2 /NDF: 2.8/20

asym_sam_2468_avg_correction_rms vs Slug



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

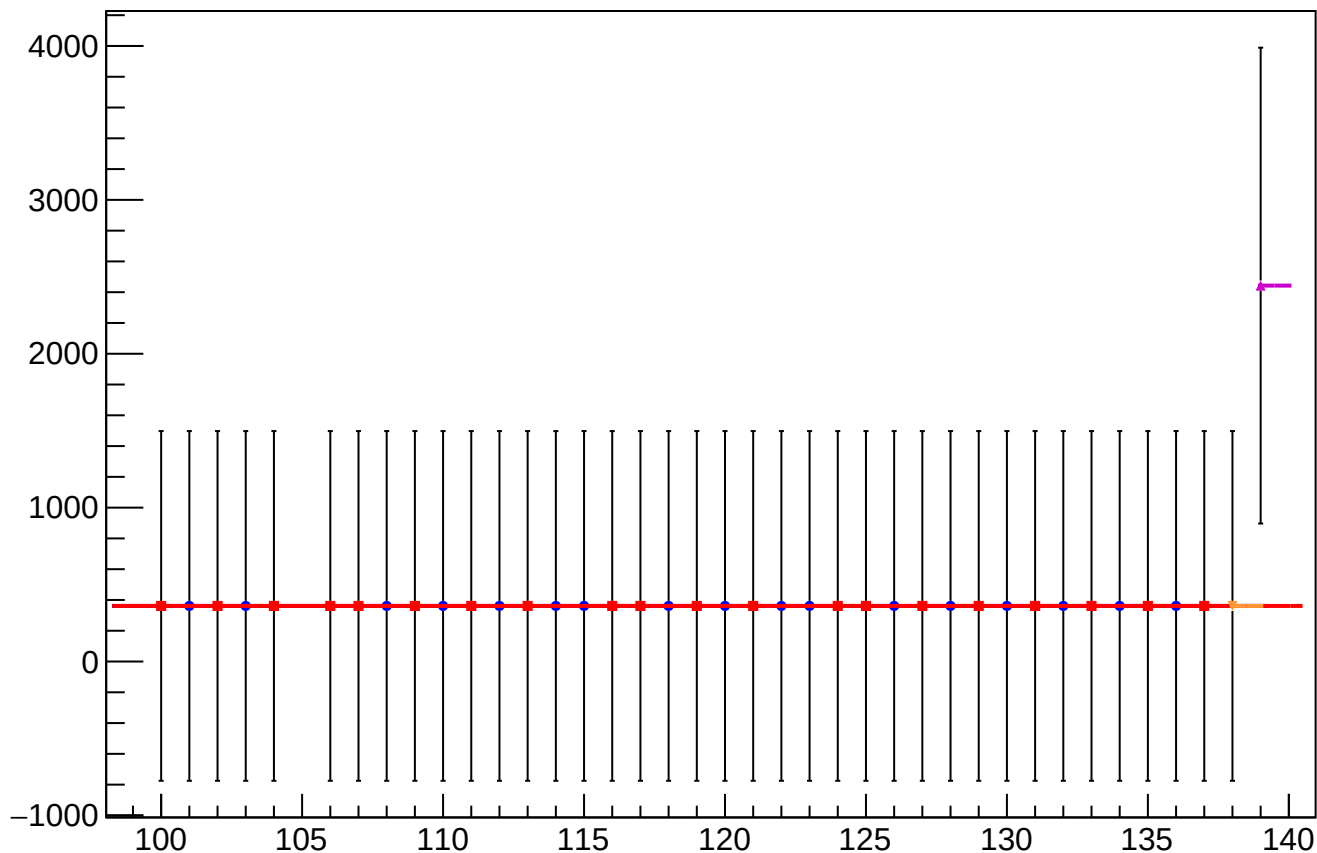
Right Out: 989.160 $\pm$ 0.184 χ^2 /NDF: 0.0/19

Left In: 1080.498 $\pm$ 1.089 χ^2 /NDF: 0.0/0

989.160 $\pm$ 0.194 χ^2 /NDF: 0.0/17

991.696 $\pm$ 0.181 χ^2 /NDF: 6843.3/20

asym_sam_2468_avg_mean vs Slug



Right In: 361.179+/-275.595 χ^2/NDF : 0.0/16

Left Out: 361.179+/-1136.306 χ^2/NDF : 0.0/0

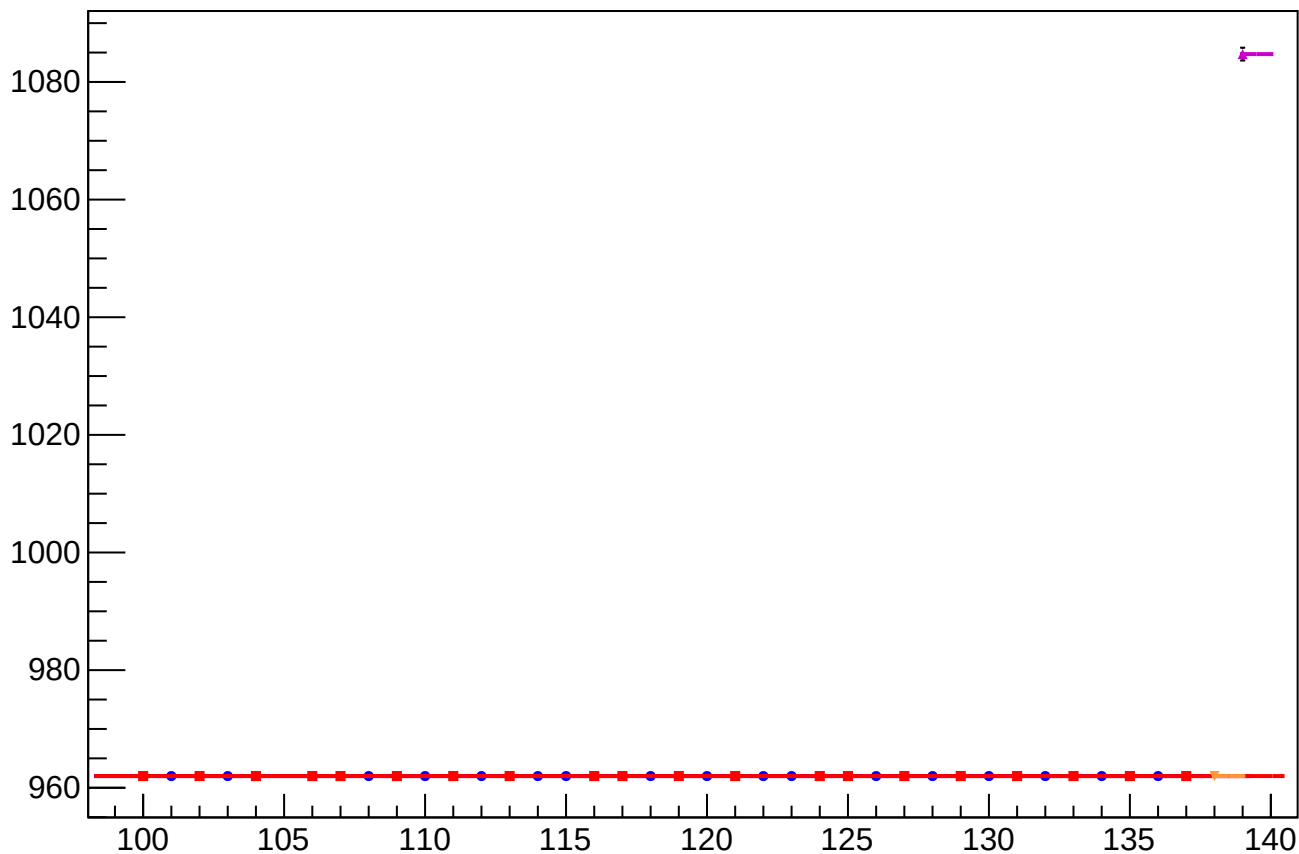
Right Out: 361.179+/-254.086 χ^2/NDF : 0.0/19

Left In: 2442.878+/-1546.118 χ^2/NDF : 0.0/0

361.179+/-267.830 χ^2/NDF : 0.0/17

415.921+/-250.723 χ^2/NDF : 1.8/20

asym_sam_2468_avg_rms vs Slug



Right In: 961.988+/-0.195 χ^2/NDF : 0.0/16

Left Out: 961.988+/-0.803 χ^2/NDF : 0.0/0

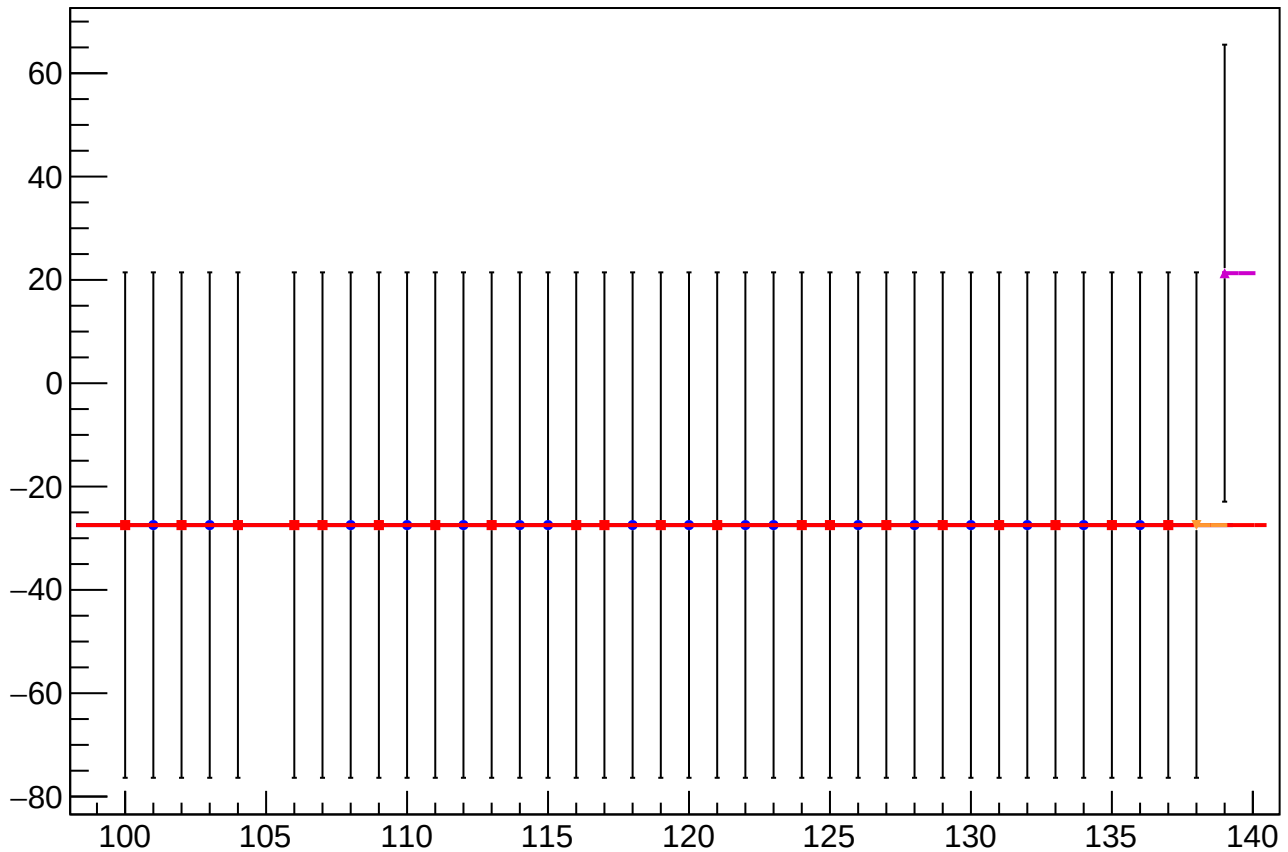
Right Out: 961.988+/-0.180 χ^2/NDF : 0.0/19

Left In: 1084.737+/-1.093 χ^2/NDF : 0.0/0

961.988+/-0.189 χ^2/NDF : 0.0/17

965.216+/-0.177 χ^2/NDF : 12274.6/20

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -27.456 $\pm$ 11.864 χ^2 /NDF: 0.0/16

Left Out: -27.456 $\pm$ 48.916 χ^2 /NDF: 0.0/0

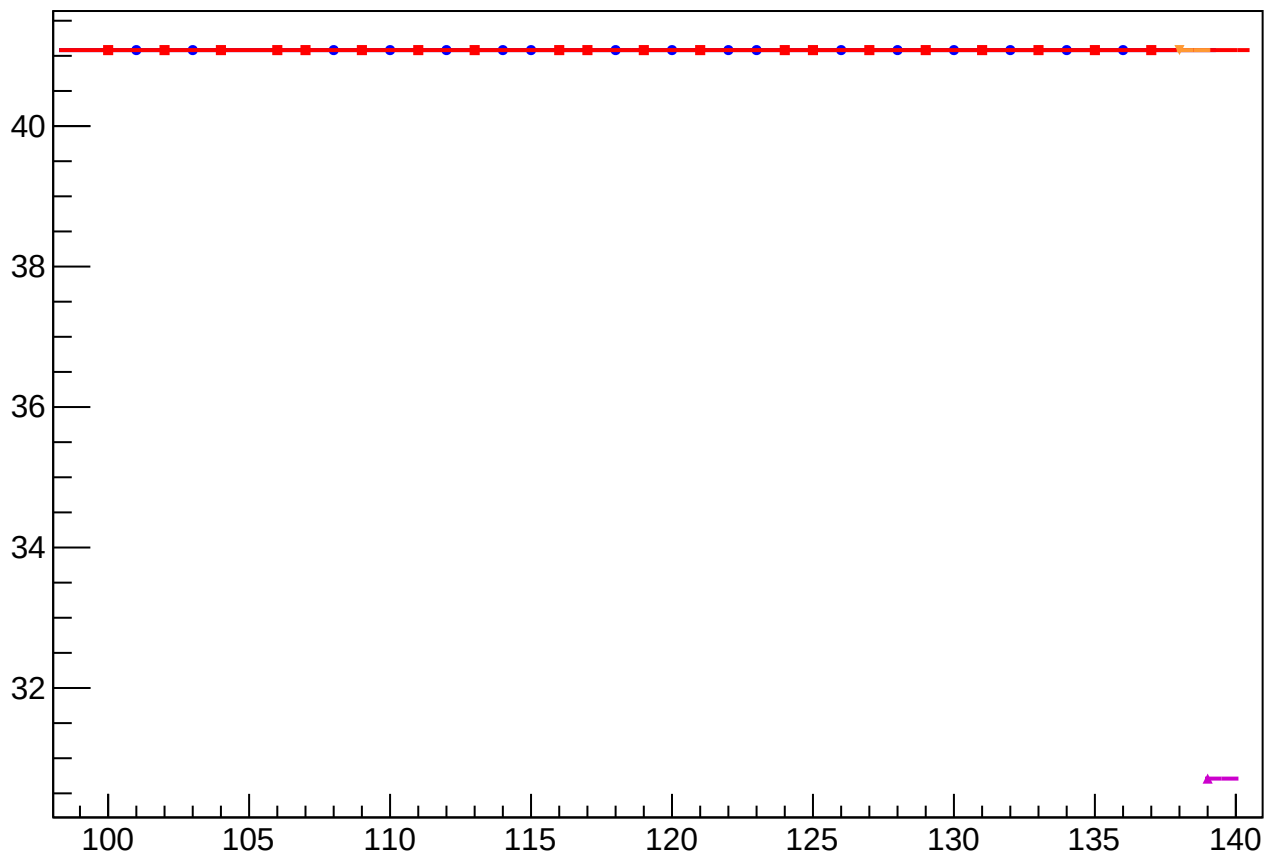
Right Out: -27.456 $\pm$ 10.938 χ^2 /NDF: 0.0/19

Left In: 21.304 $\pm$ 44.228 χ^2 /NDF: 0.0/0

-27.456 $\pm$ 11.530 χ^2 /NDF: 0.0/17

-24.646 $\pm$ 10.618 χ^2 /NDF: 1.1/20

dit_asym_sam_1357_2468_dd_rms vs Slug



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

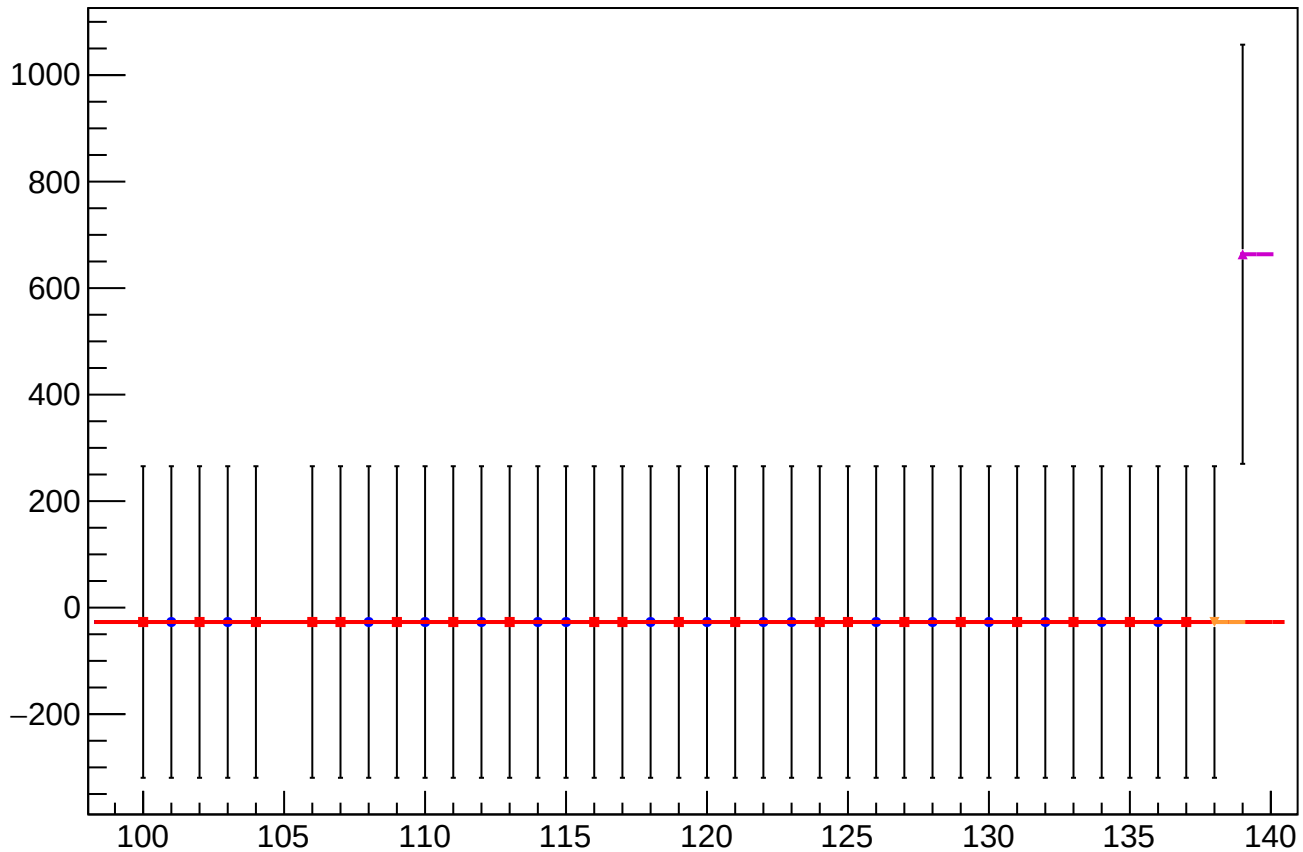
Right Out: 41.082 $\pm$ 0.008 χ^2 /NDF: 0.0/19

Left In: 30.710 $\pm$ 0.031 χ^2 /NDF: 0.0/0

41.082 $\pm$ 0.008 χ^2 /NDF: 0.0/17

40.484 $\pm$ 0.008 χ^2 /NDF: 103650.6/20

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: -27.007 $\pm$ 70.953 χ^2 /NDF: 0.0/16

Left Out: -27.007 $\pm$ 292.549 χ^2 /NDF: 0.0/0

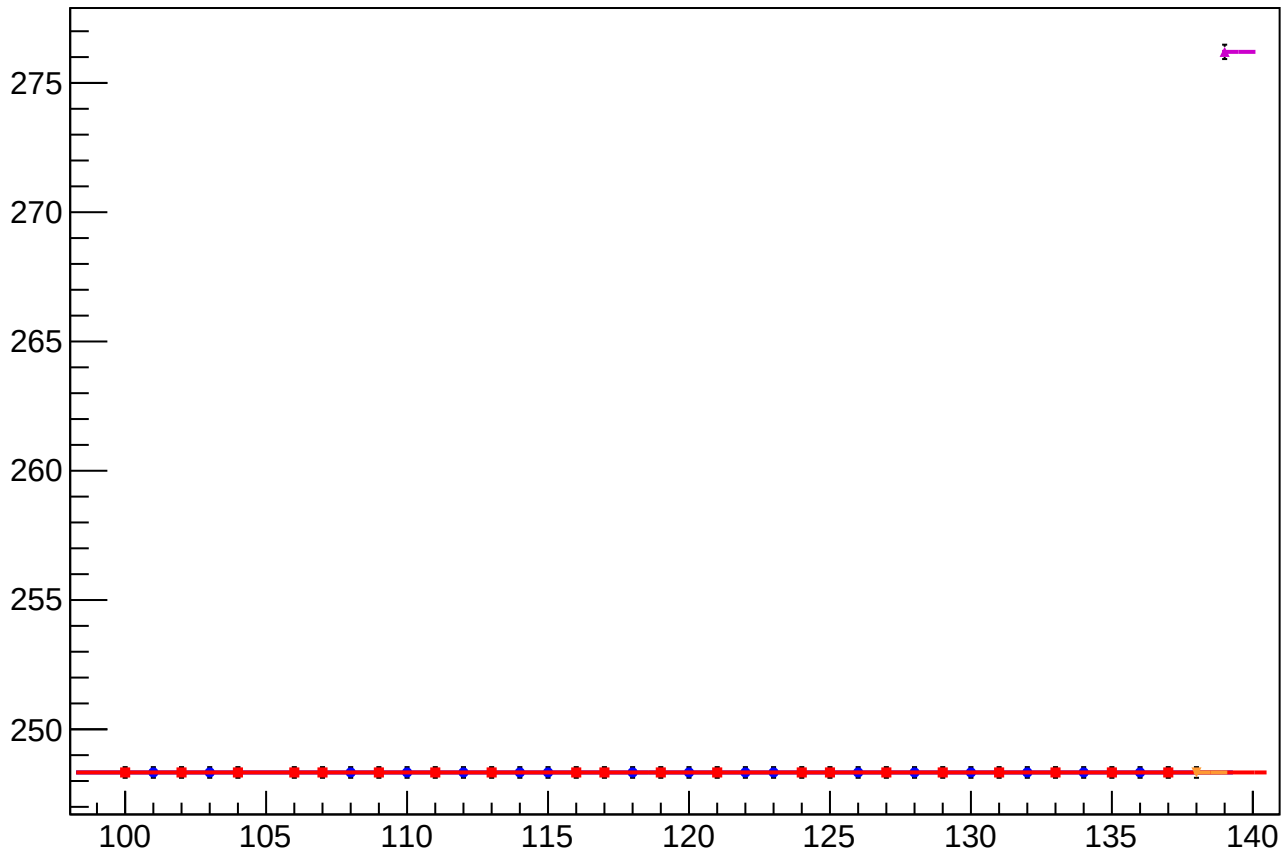
Right Out: -27.007 $\pm$ 65.416 χ^2 /NDF: 0.0/19

Left In: 663.593 $\pm$ 393.560 χ^2 /NDF: 0.0/0

-27.007 $\pm$ 68.954 χ^2 /NDF: 0.0/17

-8.441 $\pm$ 64.531 χ^2 /NDF: 3.0/20

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 248.331+/-0.050 χ^2/NDF : 0.0/16

Left Out: 248.331+/-0.207 χ^2/NDF : 0.0/0

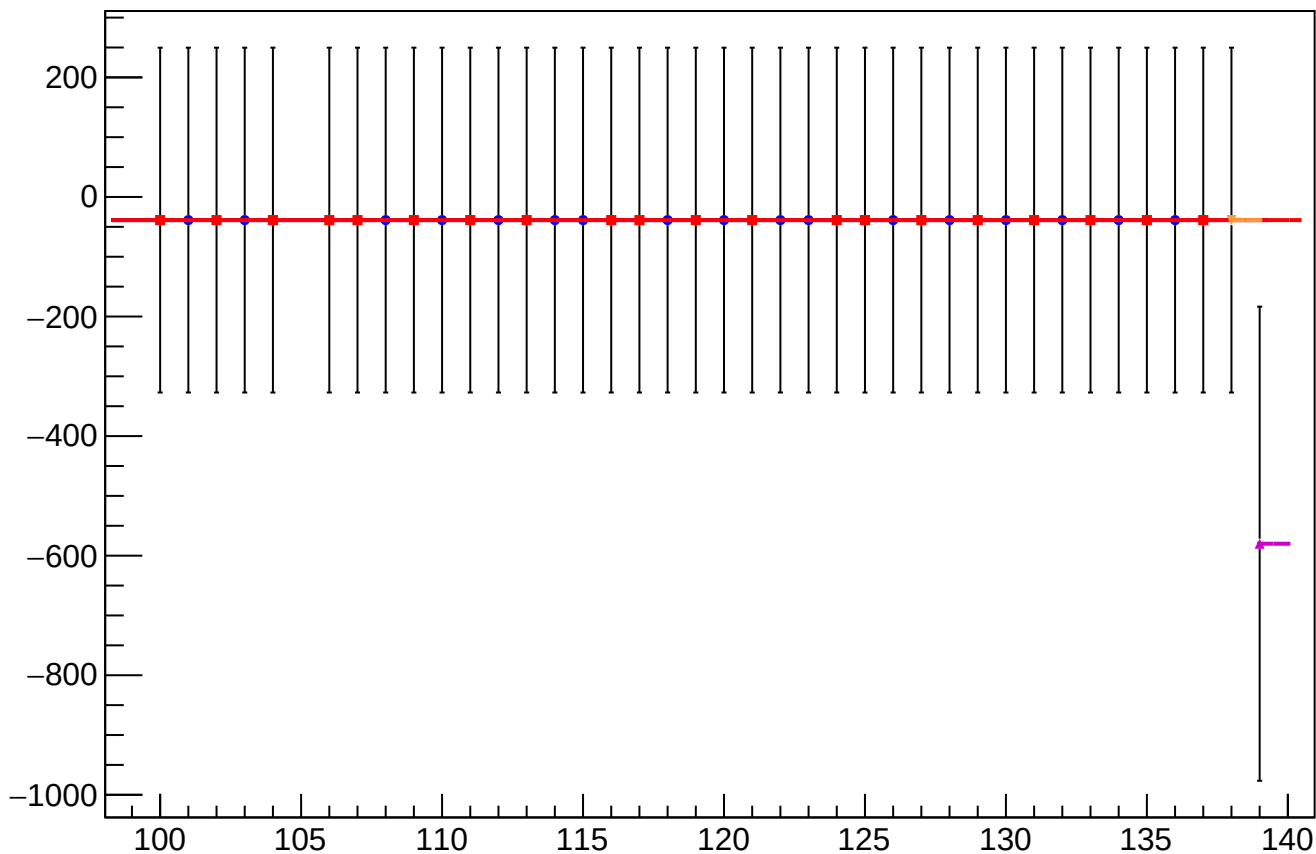
Right Out: 248.331+/-0.046 χ^2/NDF : 0.0/19

Left In: 276.202+/-0.278 χ^2/NDF : 0.0/0

248.331+/-0.049 χ^2/NDF : 0.0/17

249.080+/-0.046 χ^2/NDF : 9760.7/20

asym_sam_1357_2468_dd_mean vs Slug



Right In: -38.700 ± 69.948 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -38.700 ± 288.402 $\chi^2/\text{NDF}: 0.0/0$

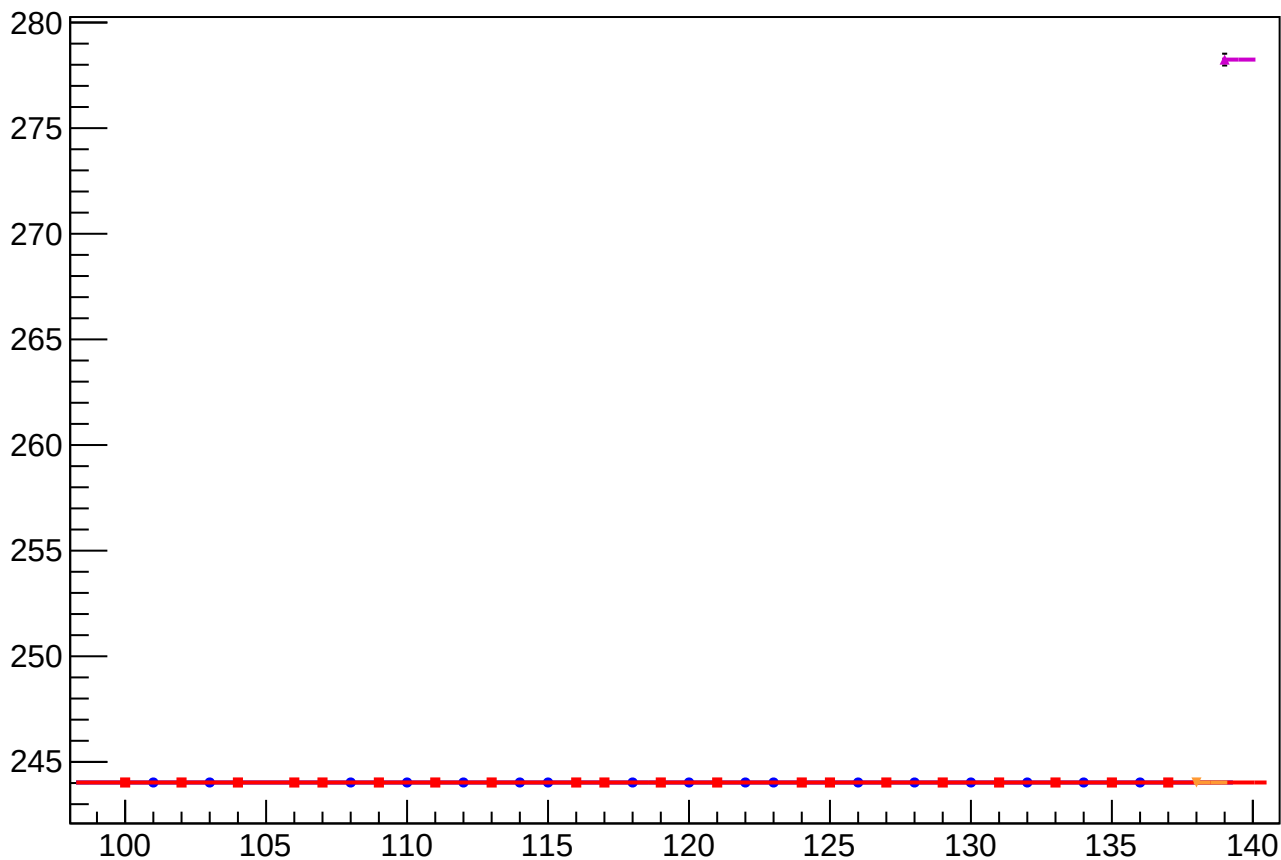
Right Out: -38.700 ± 64.489 $\chi^2/\text{NDF}: 0.0/19$

Left In: -580.015 ± 396.552 $\chi^2/\text{NDF}: 0.0/0$

-38.700 ± 67.977 $\chi^2/\text{NDF}: 0.0/17$

-52.647 ± 63.653 $\chi^2/\text{NDF}: 1.8/20$

asym_sam_1357_2468_dd_rms vs Slug



Right In: 244.026+/-0.049 χ^2/NDF : 0.0/16

Left Out: 244.026+/-0.204 χ^2/NDF : 0.0/0

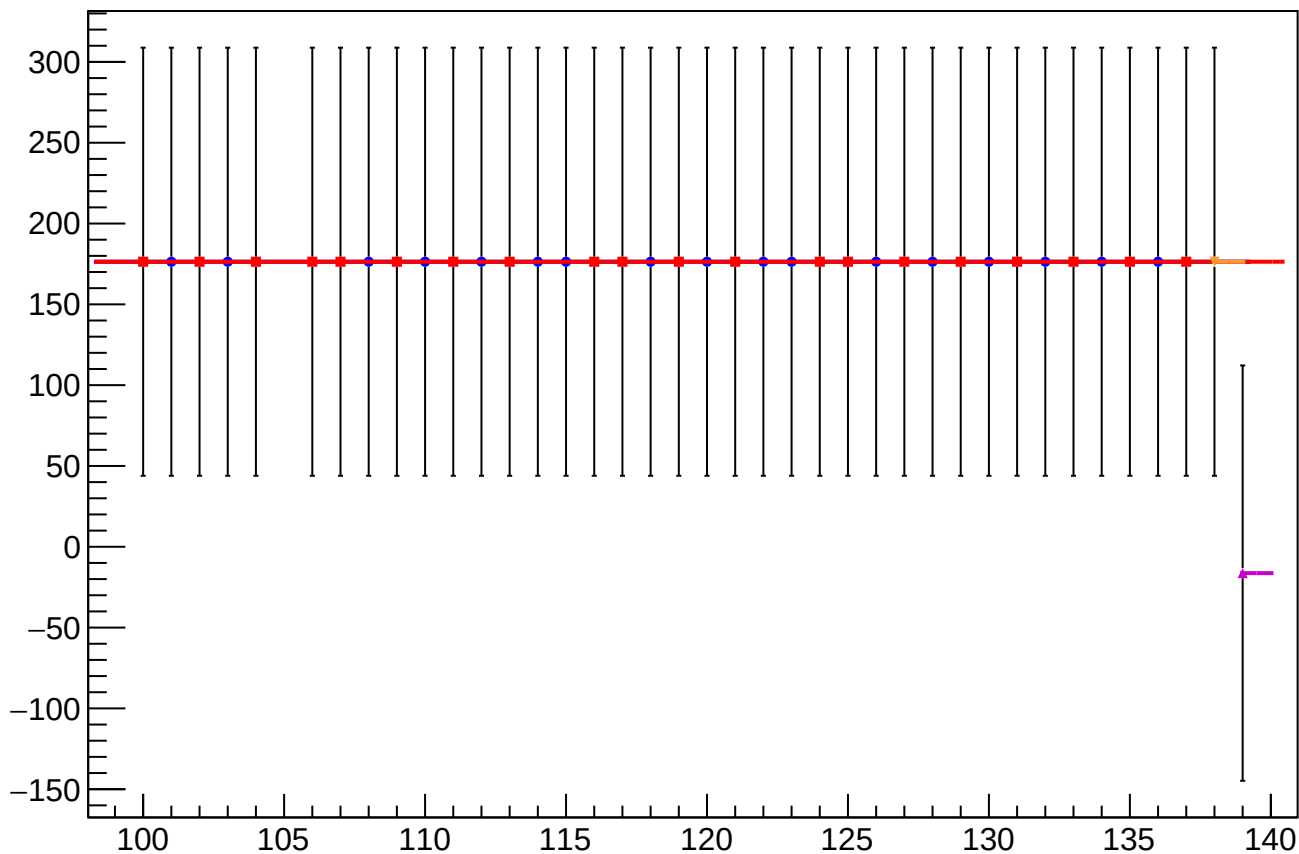
Right Out: 244.026+/-0.046 χ^2/NDF : 0.0/19

Left In: 278.244+/-0.280 χ^2/NDF : 0.0/0

244.026+/-0.048 χ^2/NDF : 0.0/17

244.908+/-0.045 χ^2/NDF : 14508.0/20

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 176.371 $\pm$ 32.123 χ^2 /NDF: 0.0/16

Left Out: 176.371 $\pm$ 132.445 χ^2 /NDF:0.0/0

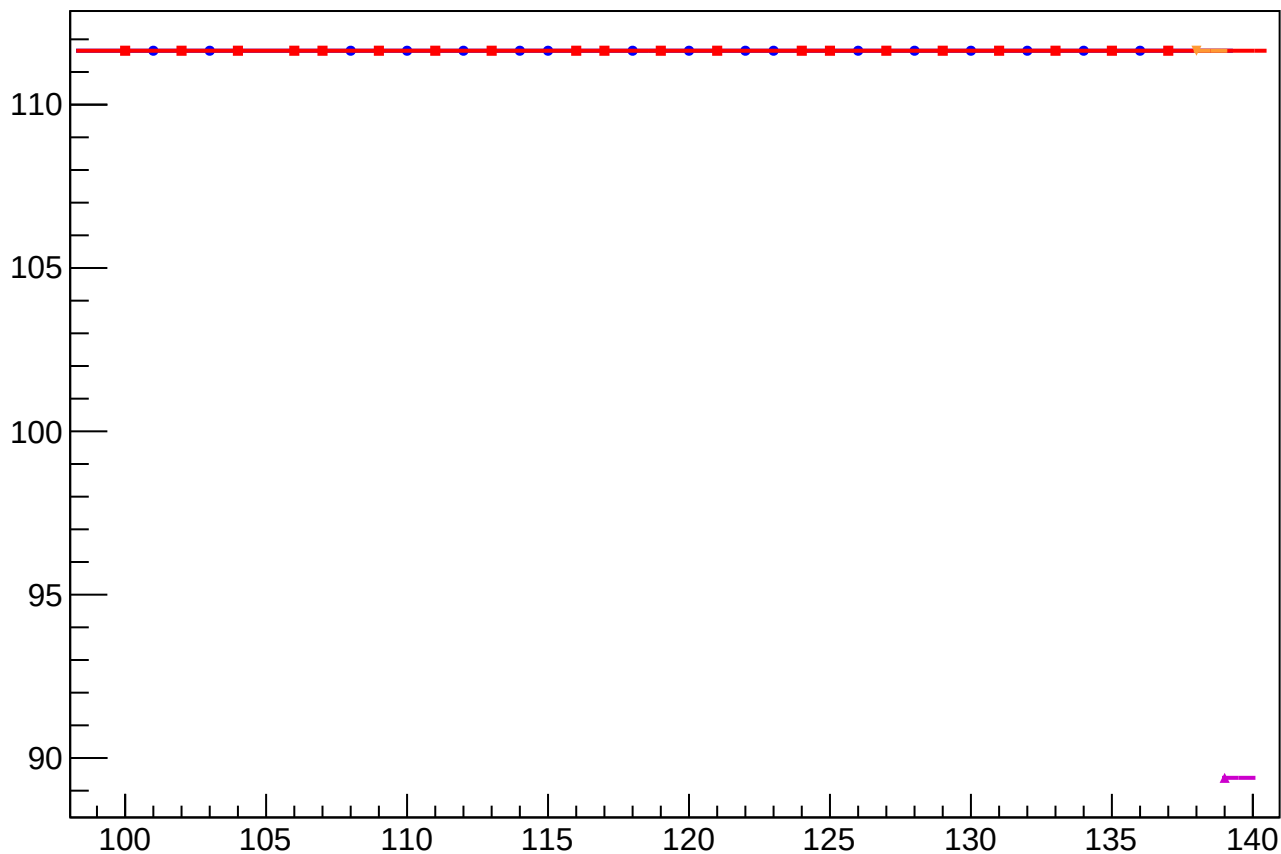
Right Out: 176.371 $\pm$ 29.616 χ^2 /NDF: 0.0/19

Left In: -16.309 $\pm$ 128.493 χ^2 /NDF:0.0/0

176.371 $\pm$ 31.218 χ^2 /NDF: 0.0/17

166.651 $\pm$ 28.859 χ^2 /NDF: 2.1/20

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 111.651 $\pm$ 0.023 χ^2 /NDF: 0.0/16

111.651 $\pm$ 0.022 χ^2 /NDF: 0.0/17

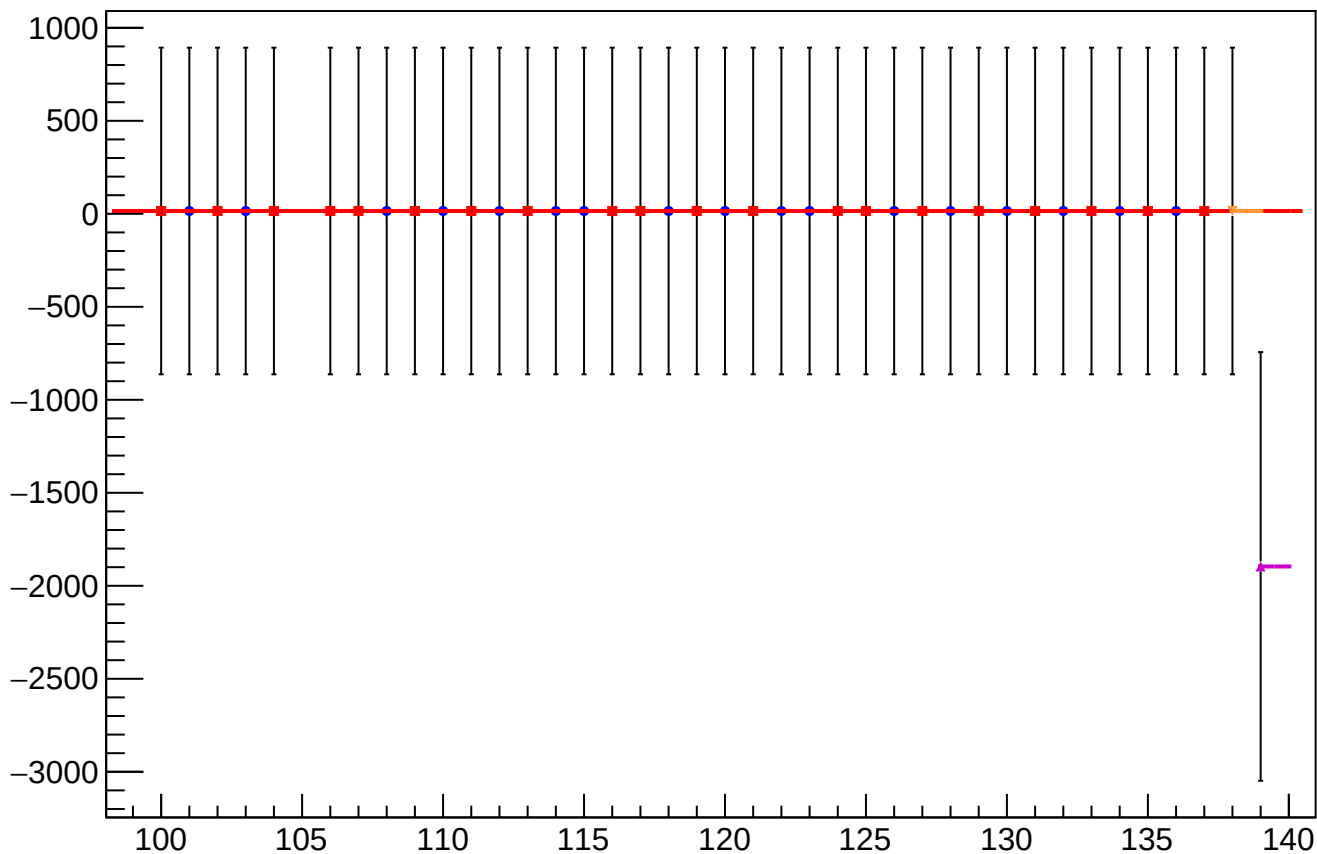
Left Out: 111.651 $\pm$ 0.094 χ^2 /NDF: 0.0/0

Right Out: 111.651 $\pm$ 0.021 χ^2 /NDF: 0.0/19

110.528 $\pm$ 0.020 χ^2 /NDF: 56984.3/20

Left In: 89.393 $\pm$ 0.091 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



Right In: 15.211+/-212.973 χ^2/NDF : 0.0/16

Left Out: 15.211+/-878.112 χ^2/NDF : 0.0/0

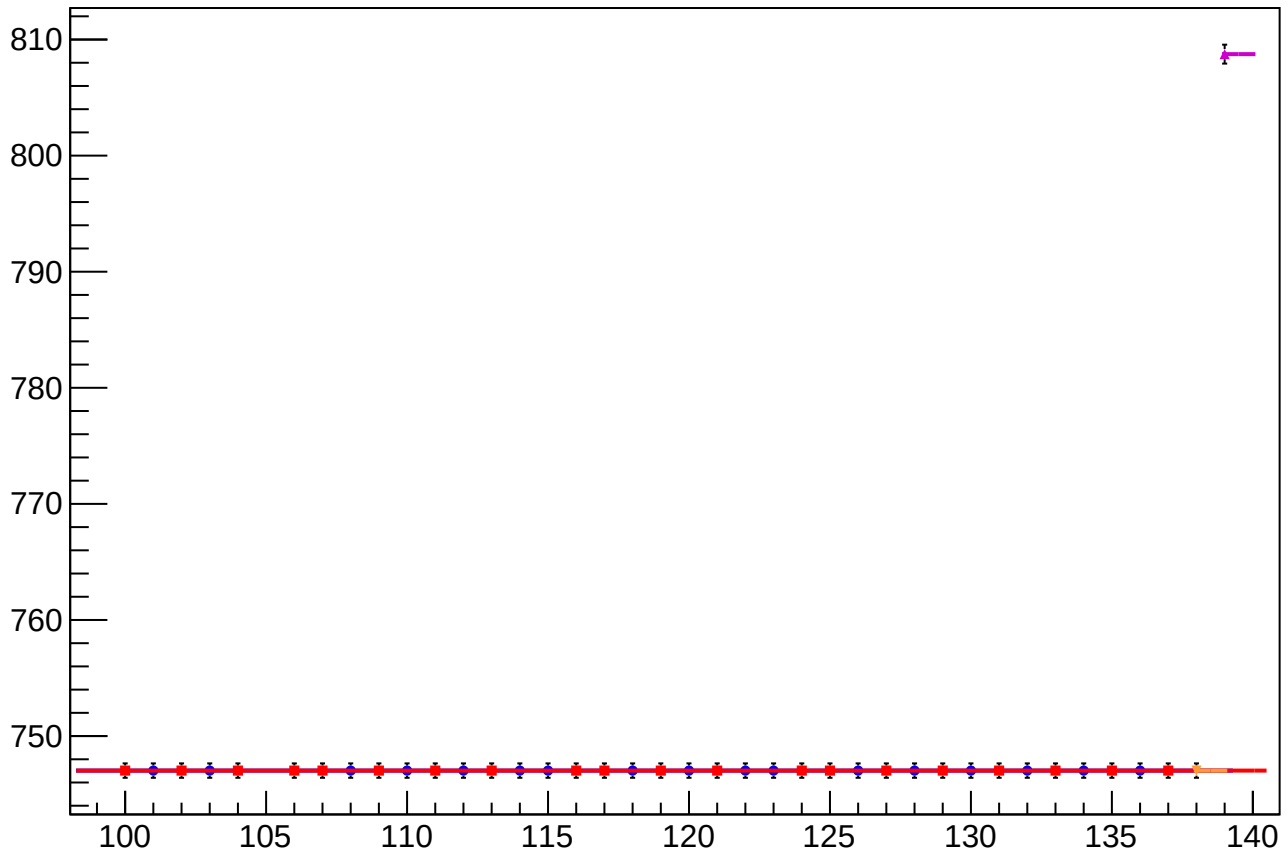
Right Out: 15.211+/-196.352 χ^2/NDF : 0.0/19

Left In: -1896.074+/-1152.399 χ^2/NDF : 0.0/0

15.211+/-206.973 χ^2/NDF : 0.0/17

-38.710+/-193.562 χ^2/NDF : 2.7/20

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 747.026 $\pm$ 0.151 χ^2 /NDF: 0.0/16

747.026 $\pm$ 0.146 χ^2 /NDF: 0.0/17

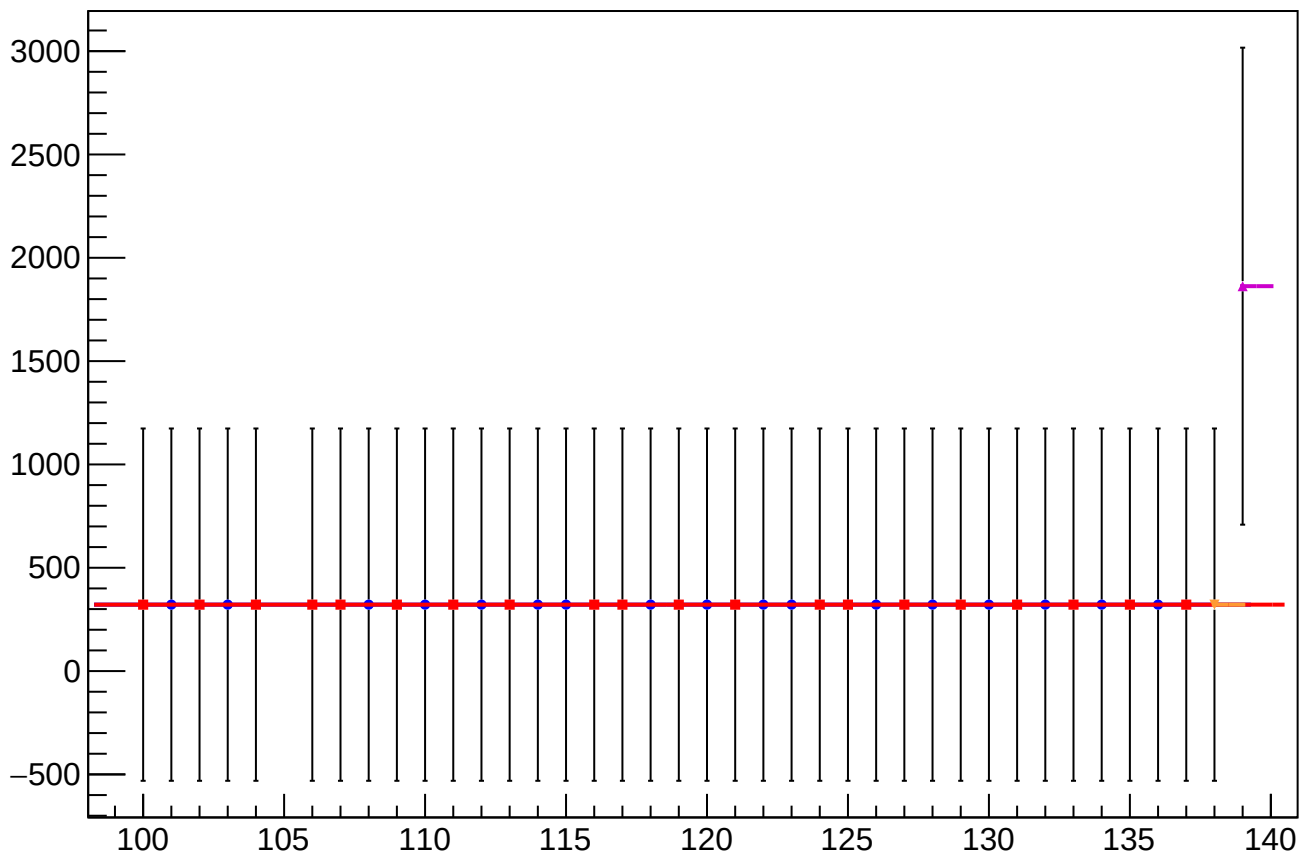
Left Out: 747.026 $\pm$ 0.621 χ^2 /NDF: 0.0/0

Right Out: 747.026 $\pm$ 0.139 χ^2 /NDF: 0.0/19

748.767 $\pm$ 0.137 χ^2 /NDF: 5574.4/20

Left In: 808.742 $\pm$ 0.815 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_mean vs Slug



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

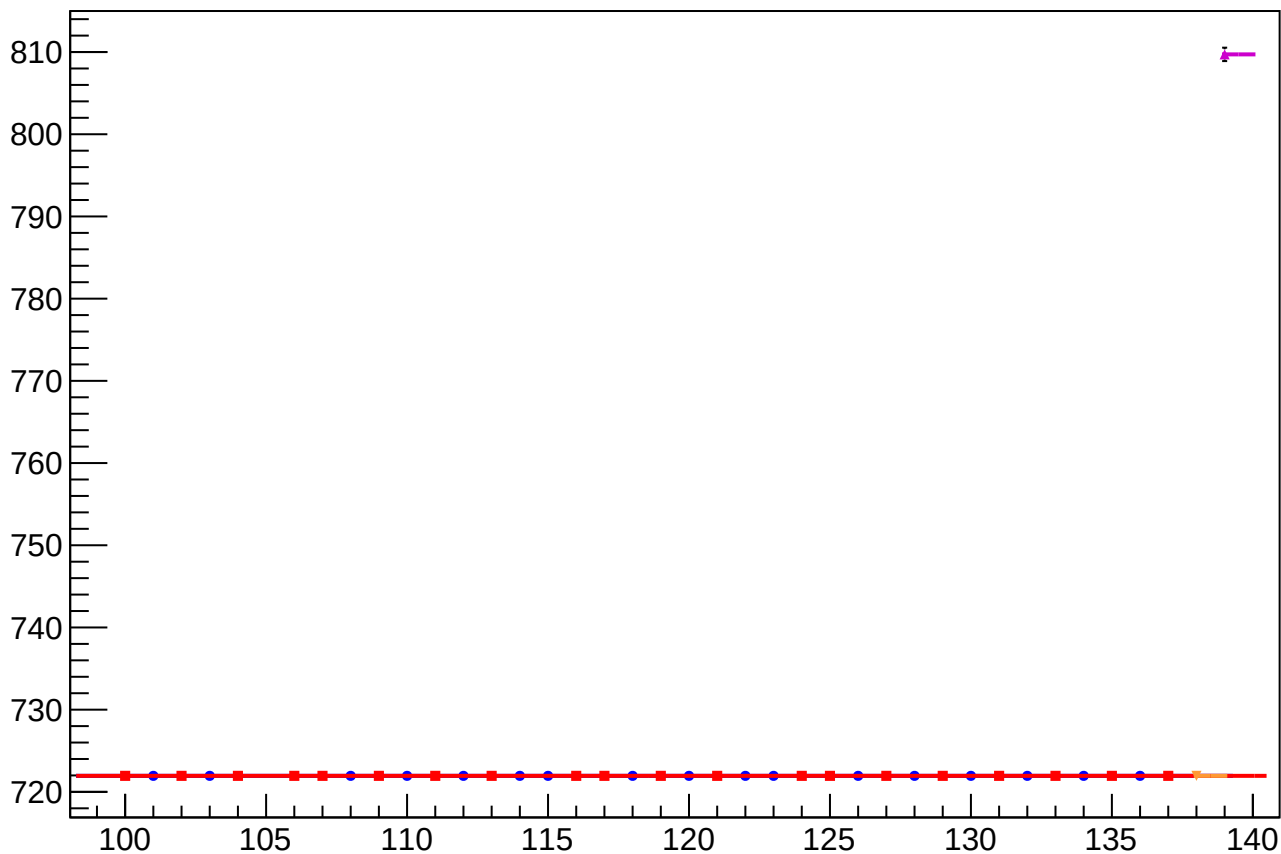
Right Out: 321.504 $\pm$ 190.616 χ^2 /NDF: 0.0/19

Left In: 1862.677 $\pm$ 1154.157 χ^2 /NDF: 0.0/0

321.504 $\pm$ 200.926 χ^2 /NDF: 0.0/17

362.425 $\pm$ 188.068 χ^2 /NDF: 1.7/20

asym_sam_12345678_avg_rms vs Slug



Right In: 721.950 $\pm$ 0.146 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 721.950 $\pm$ 0.603 $\chi^2/\text{NDF}: 0.0/0$

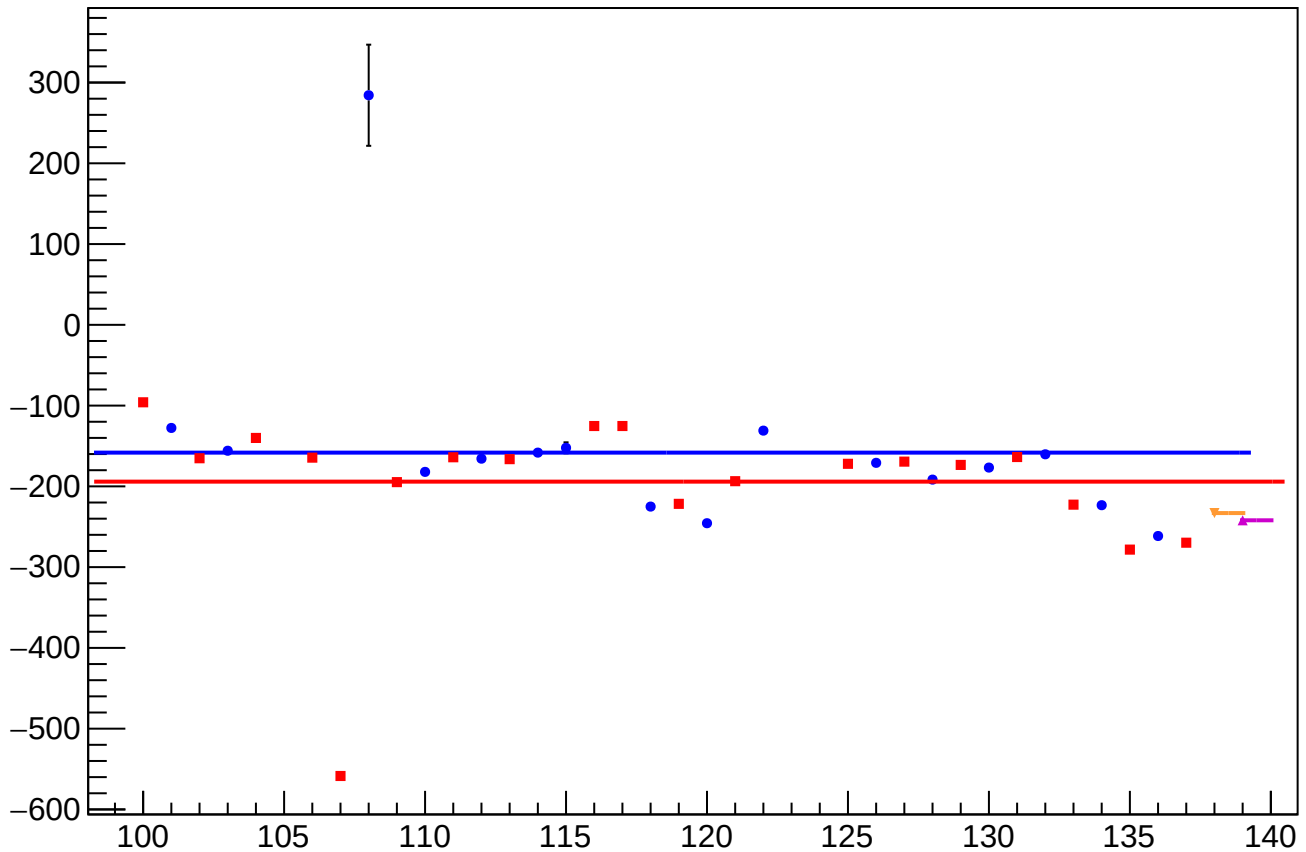
Right Out: 721.950 $\pm$ 0.135 $\chi^2/\text{NDF}: 0.0/19$

Left In: 809.716 $\pm$ 0.816 $\chi^2/\text{NDF}: 0.0/0$

721.950 $\pm$ 0.142 $\chi^2/\text{NDF}: 0.0/17$

724.280 $\pm$ 0.133 $\chi^2/\text{NDF}: 11258.2/20$

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 117166.2/15$

Left Out: -233.060 ± 0.844 $\chi^2/\text{NDF}: 0.0/0$

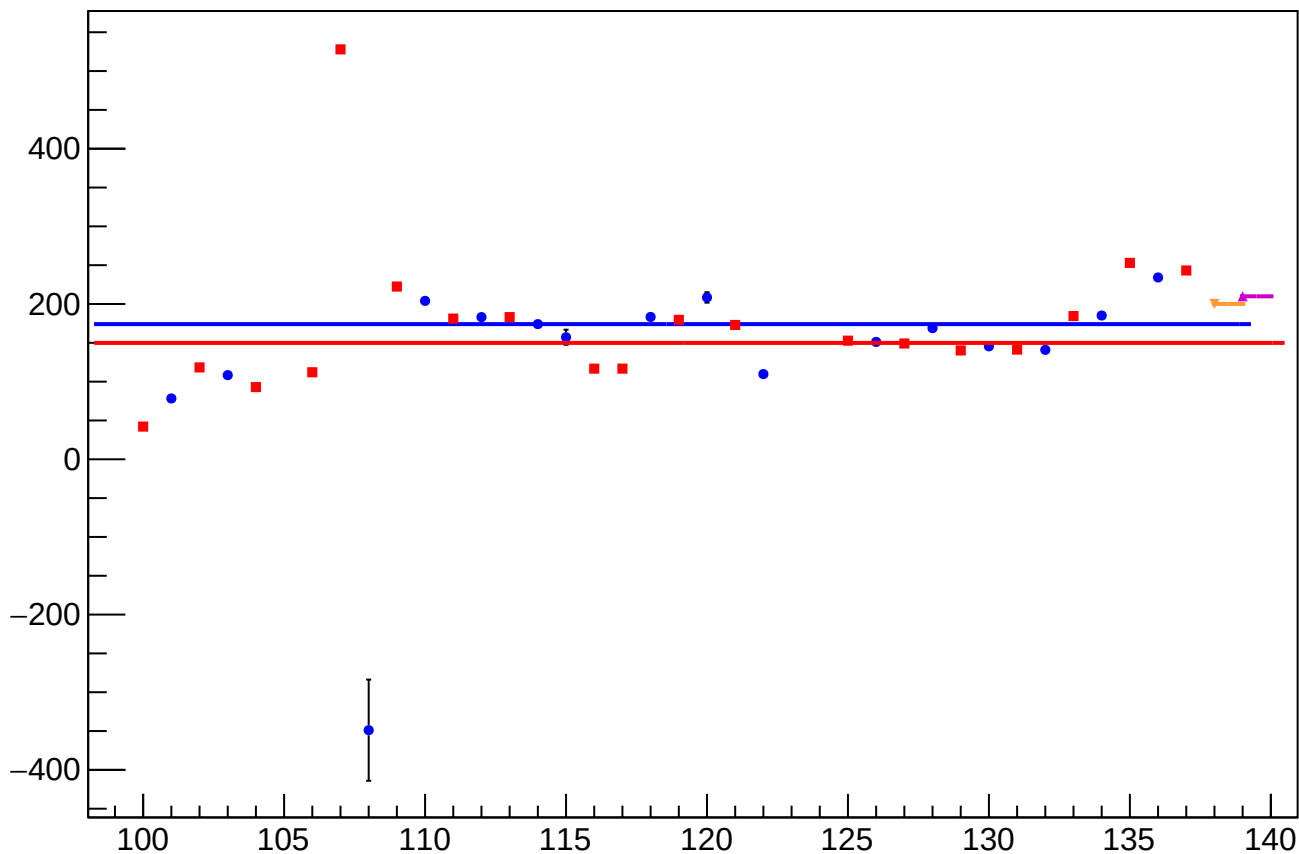
Right Out: -194.144 ± 0.165 $\chi^2/\text{NDF}: 176874.6/18$

Left In: -242.017 ± 0.417 $\chi^2/\text{NDF}: 0.0/0$

-158.222 ± 0.000 $\chi^2/\text{NDF}: 125033.2/16$

-200.632 ± 0.153 $\chi^2/\text{NDF}: 188284.0/19$

dit_usl_4eX_slope vs Slug



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

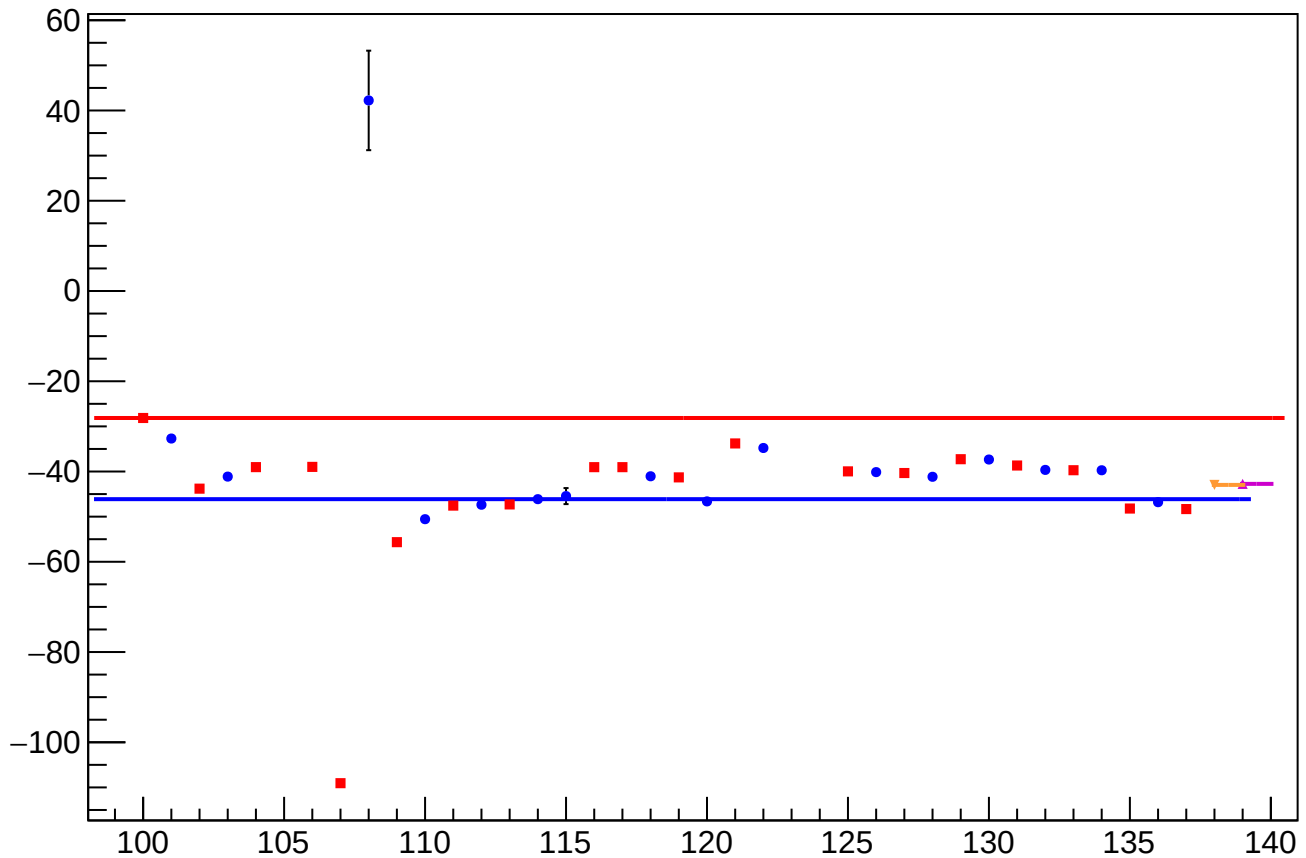
Right Out: 149.900 $\pm$ 0.195 χ^2 /NDF: 167887.8/18

Left In: 209.904 $\pm$ 0.419 χ^2 /NDF: 0.0/0

174.085 $\pm$ 0.000 χ^2 /NDF: 54310.3/16

160.605 $\pm$ 0.177 χ^2 /NDF: 184710.7/19

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF : 201273.7/15

Left Out: -42.968+/-0.019 χ^2/NDF : 0.0/0

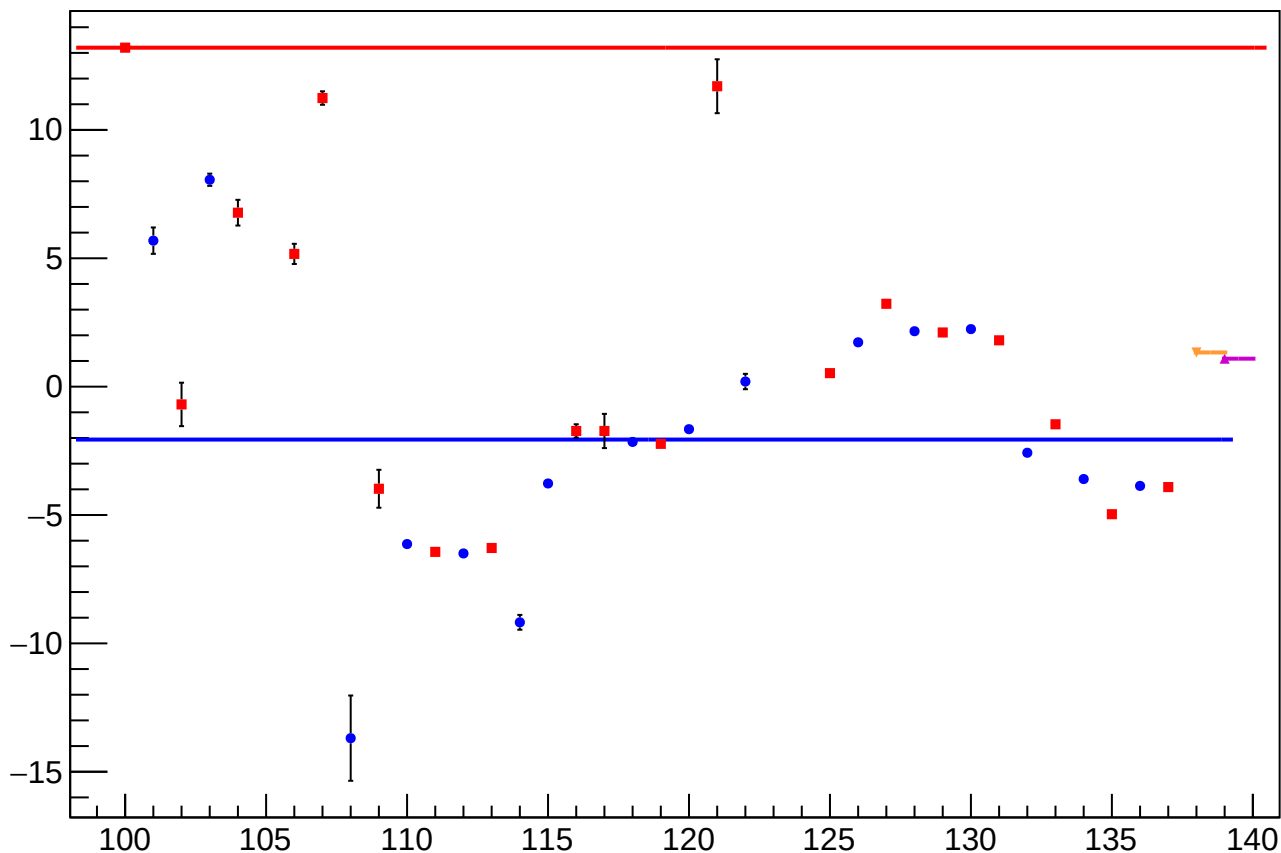
Right Out: -28.139+/-0.000 χ^2/NDF : 747096.2/18

Left In: -42.740+/-0.045 χ^2/NDF : 0.0/0

-46.126+/-0.000 χ^2/NDF : 229813.1/16

-28.139+/-0.000 χ^2/NDF : 850784.2/19

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: 1.332 ± 0.049 χ^2/NDF : 0.0/0

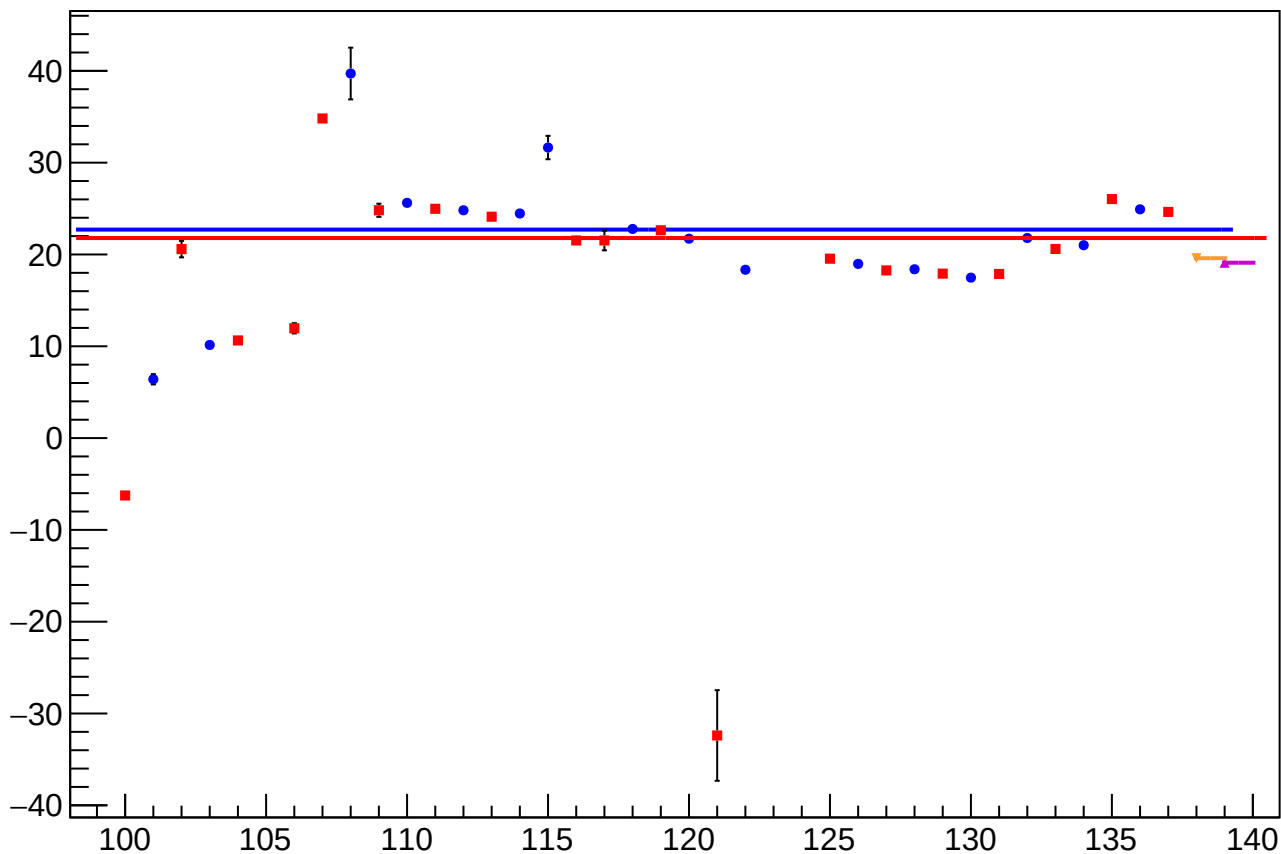
Right Out: 13.204 ± 0.000 χ^2/NDF : 510223.0/18

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 : 546540.9/19

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 19.591 $\pm$ 0.072 χ^2 /NDF: 0.0/0

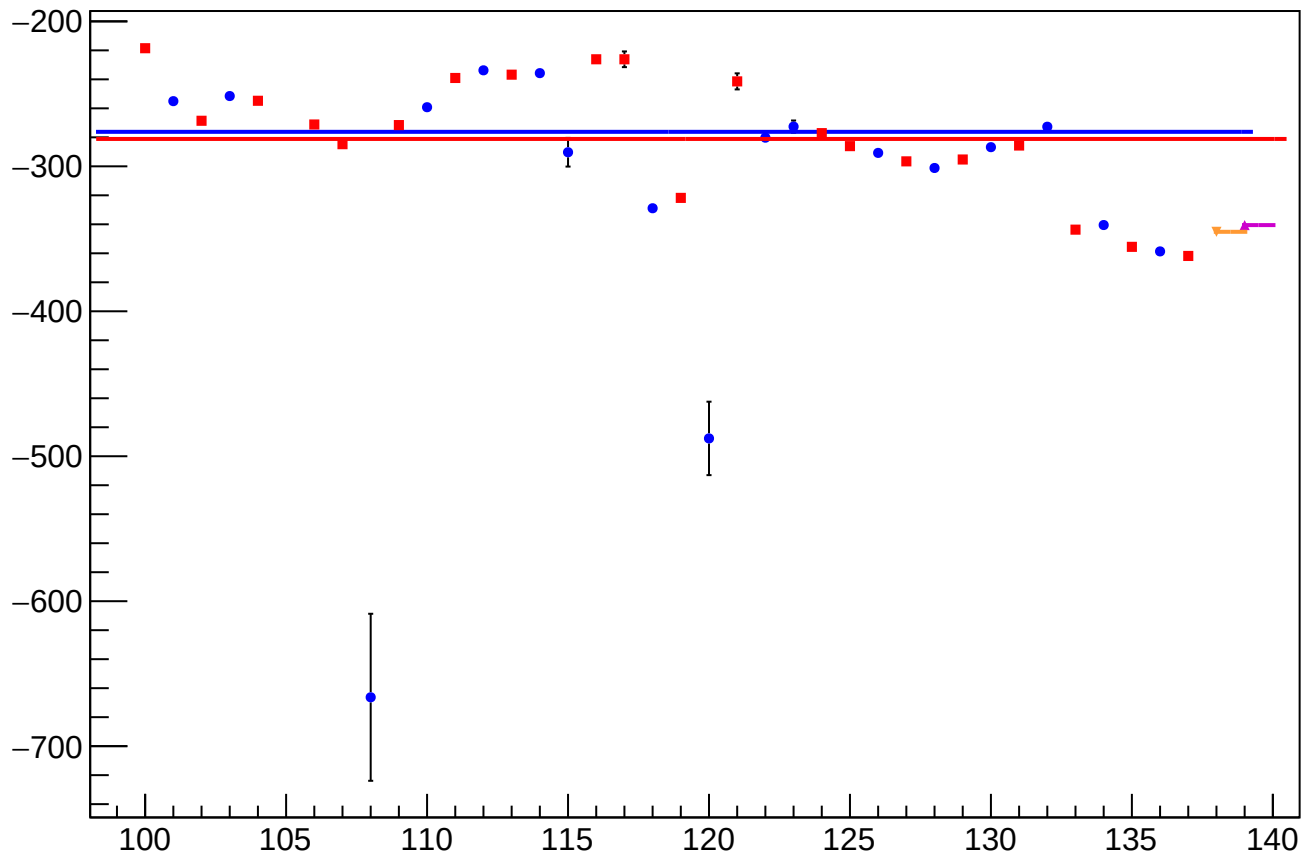
Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26671.0/18

Left In: 19.102 $\pm$ 0.056 χ^2 /NDF: 0.0/0

22.510 $\pm$ 0.018 χ^2 /NDF: 24547.8/16

21.444 $\pm$ 0.020 χ^2 /NDF: 28682.1/19

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2 /NDF: 58107.7/16

Left Out: -345.174+/-0.478 χ^2 /NDF: 0.0/0

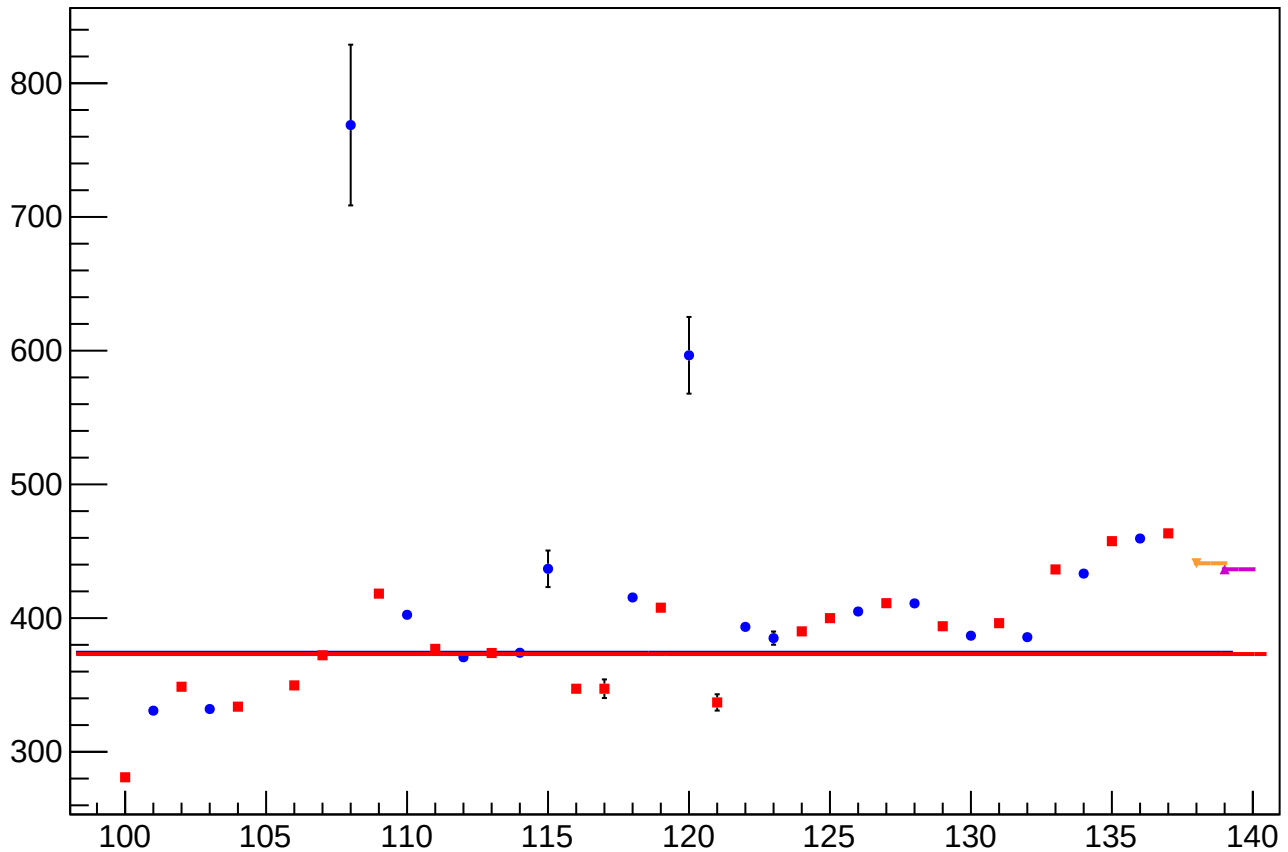
Right Out: -281.109+/-0.147 χ^2 /NDF: 77714.4/19

Left In: -340.540+/-0.508 χ^2 /NDF: 0.0/0

-283.672+/-0.157 χ^2 /NDF: 76679.8/17

-285.734+/-0.142 χ^2 /NDF: 90348.4/20

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF : 35072.0/16

Left Out: 441.009+/-0.523 χ^2/NDF : 0.0/0

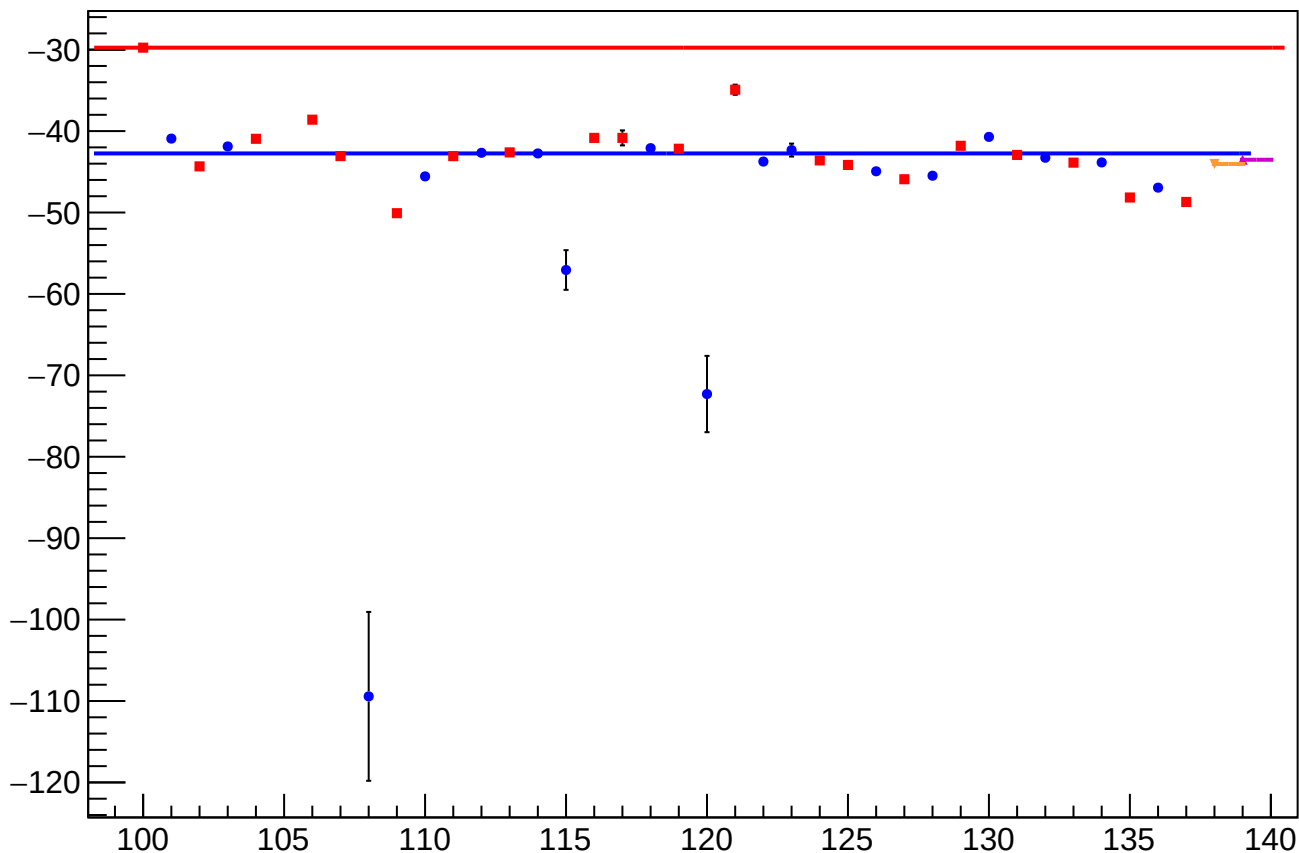
Right Out: 373.121+/-0.158 χ^2/NDF : 108233.2/19

Left In: 436.519+/-0.513 χ^2/NDF : 0.0/0

374.094+/-0.000 χ^2/NDF : 51444.7/17

378.606+/-0.151 χ^2/NDF : 122178.3/20

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -44.039+/-0.025 χ^2/NDF : 0.0/0

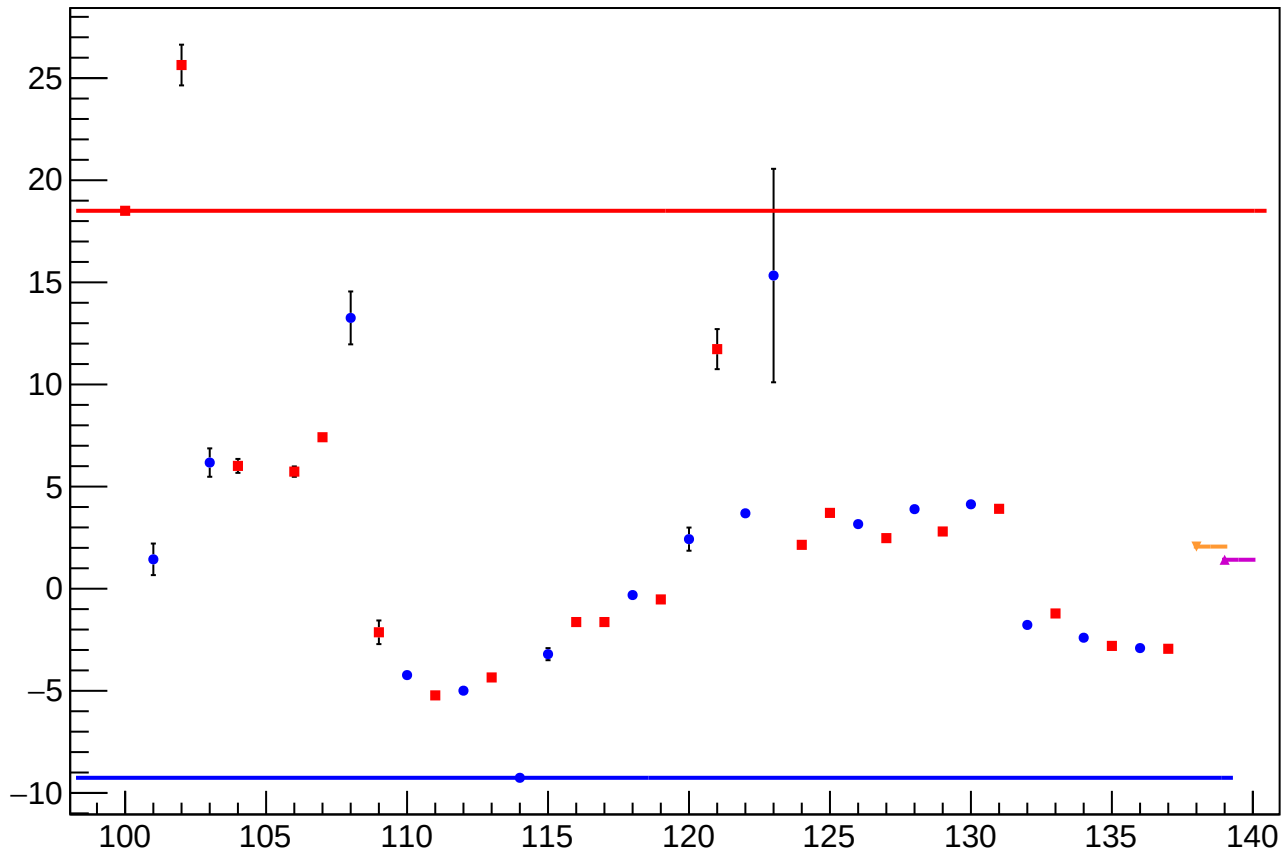
Right Out: -29.754+/-0.000 χ^2/NDF : 484074.9/19

Left In: -43.519+/-0.026 χ^2/NDF : 0.0/0

-42.744+/-0.000 χ^2/NDF : 15903.7/17

-29.754+/-0.000 χ^2/NDF : 770094.2/20

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF : 405850.5/16

Left Out: 2.063+/-0.035 χ^2/NDF : 0.0/0

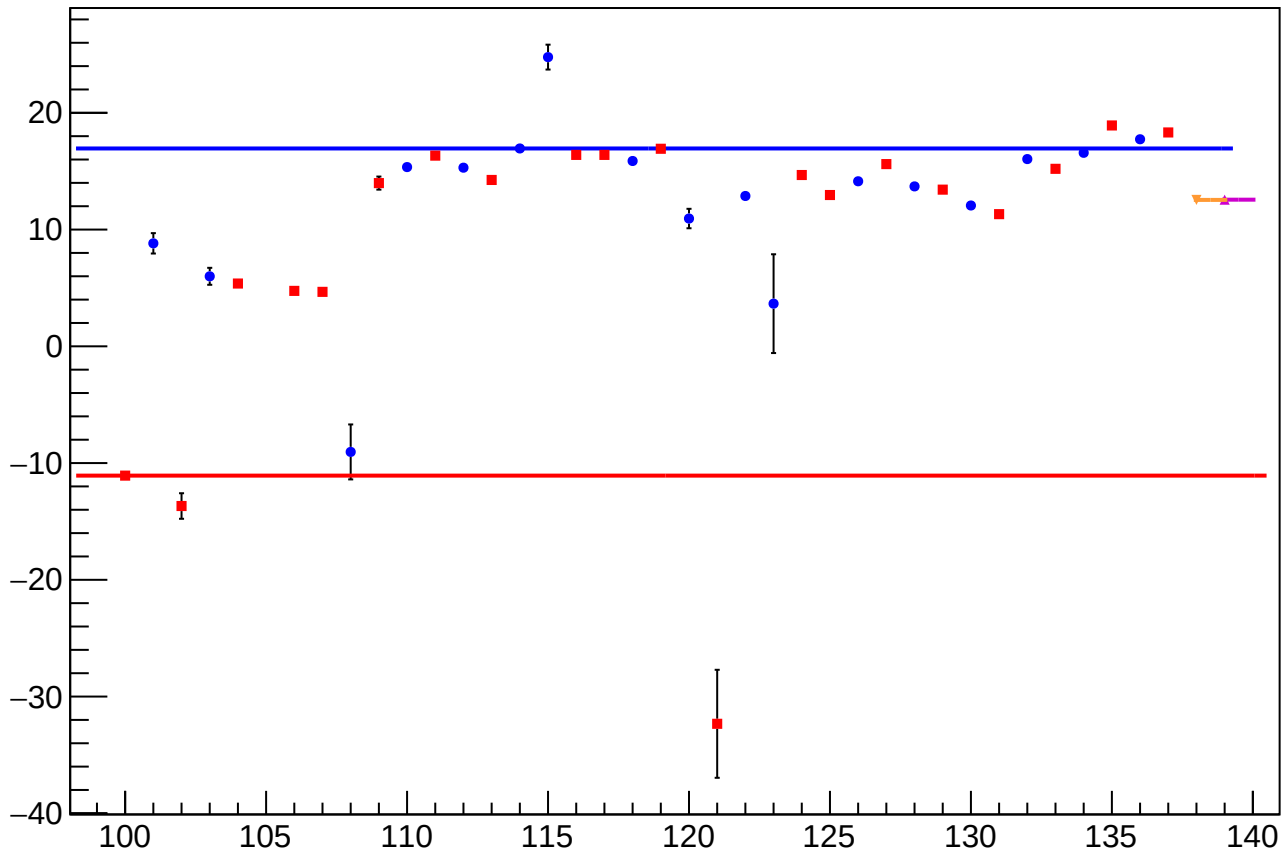
Right Out: 18.504+/-0.000 χ^2/NDF : 7585770.7/19

Left In: 1.418+/-0.077 χ^2/NDF : 0.0/0

-9.259+/-0.000 χ^2/NDF : 510477.1/17

18.504+/-0.000 χ^2/NDF : 7635051.9/20

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2 /NDF: 11231.8/16

Left Out: 12.541+/-0.029 χ^2 /NDF: 0.0/0

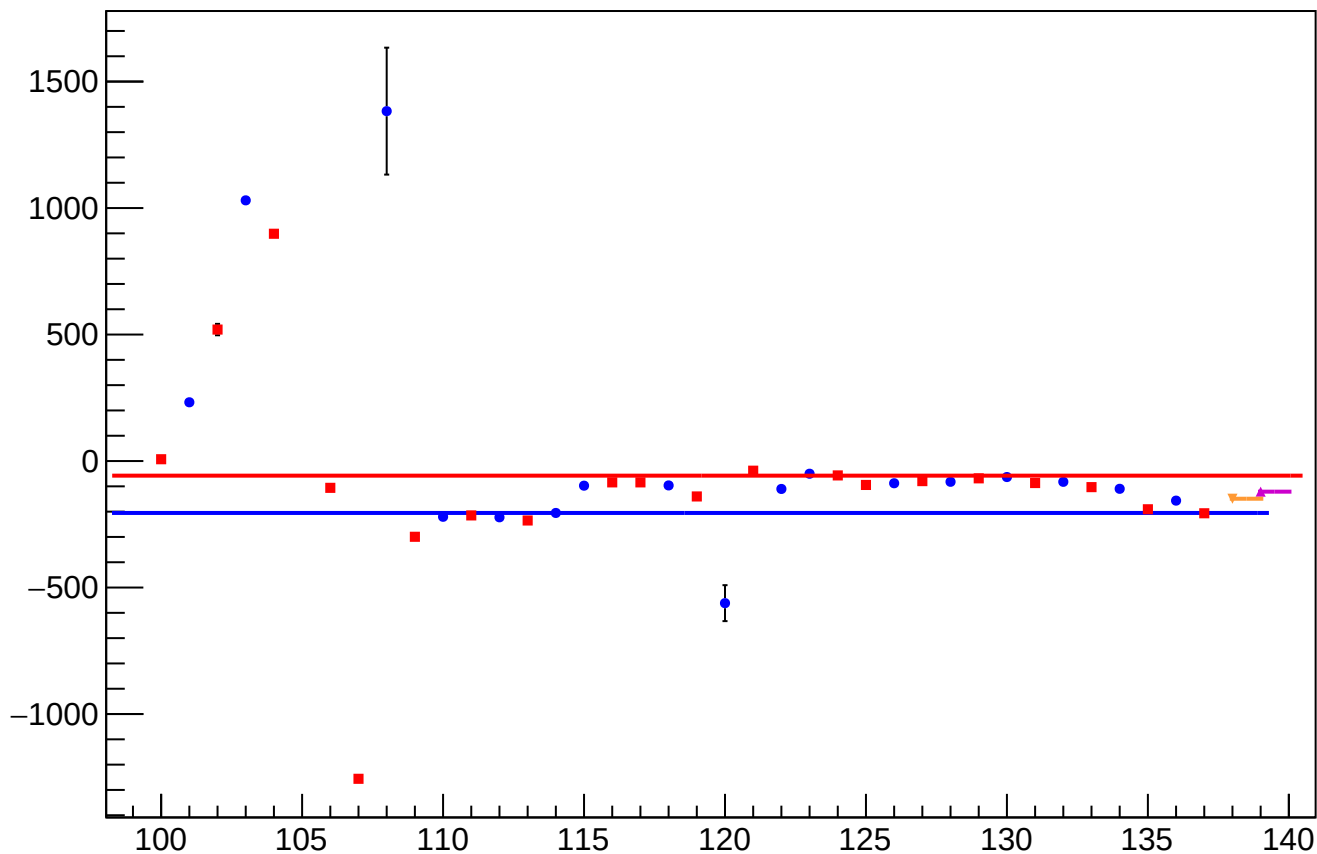
Right Out: -11.075+/-0.000 χ^2 /NDF: 2859461.1/19

Left In: 12.561+/-0.050 χ^2 /NDF: 0.0/0

16.947+/-0.000 χ^2 /NDF: 34508.7/17

-11.075+/-0.000 χ^2 /NDF: 3084986.2/20

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -148.958+/-0.705 χ^2/NDF : 0.0/0

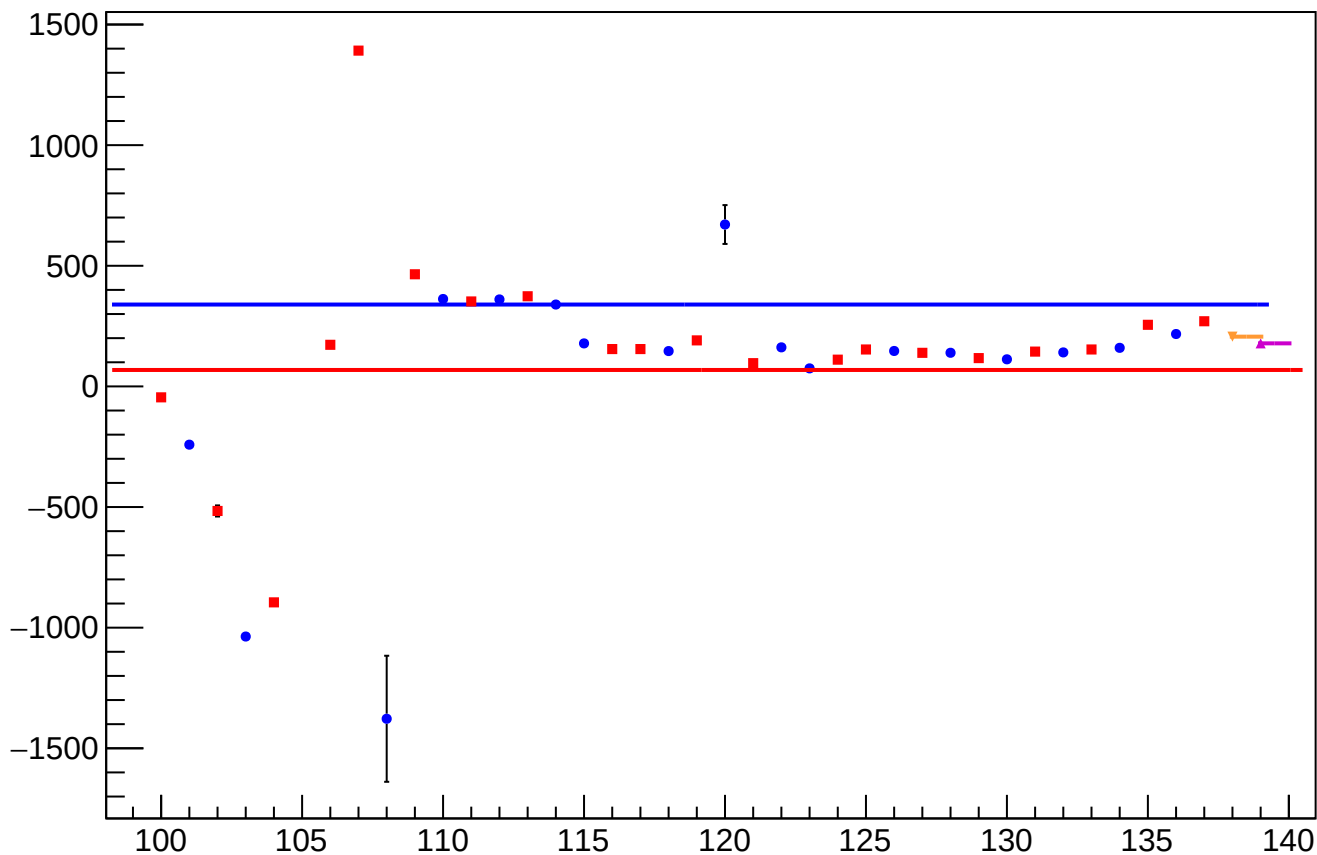
Right Out: -57.737+/-0.283 χ^2/NDF : 114872.3/19

Left In: -121.024+/-1.776 χ^2/NDF : 0.0/0

-205.160+/-0.000 χ^2/NDF : 589137.1/17

-59.304+/-0.280 χ^2/NDF : 116110.0/20

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 206.234+/-0.711 χ^2/NDF : 0.0/0

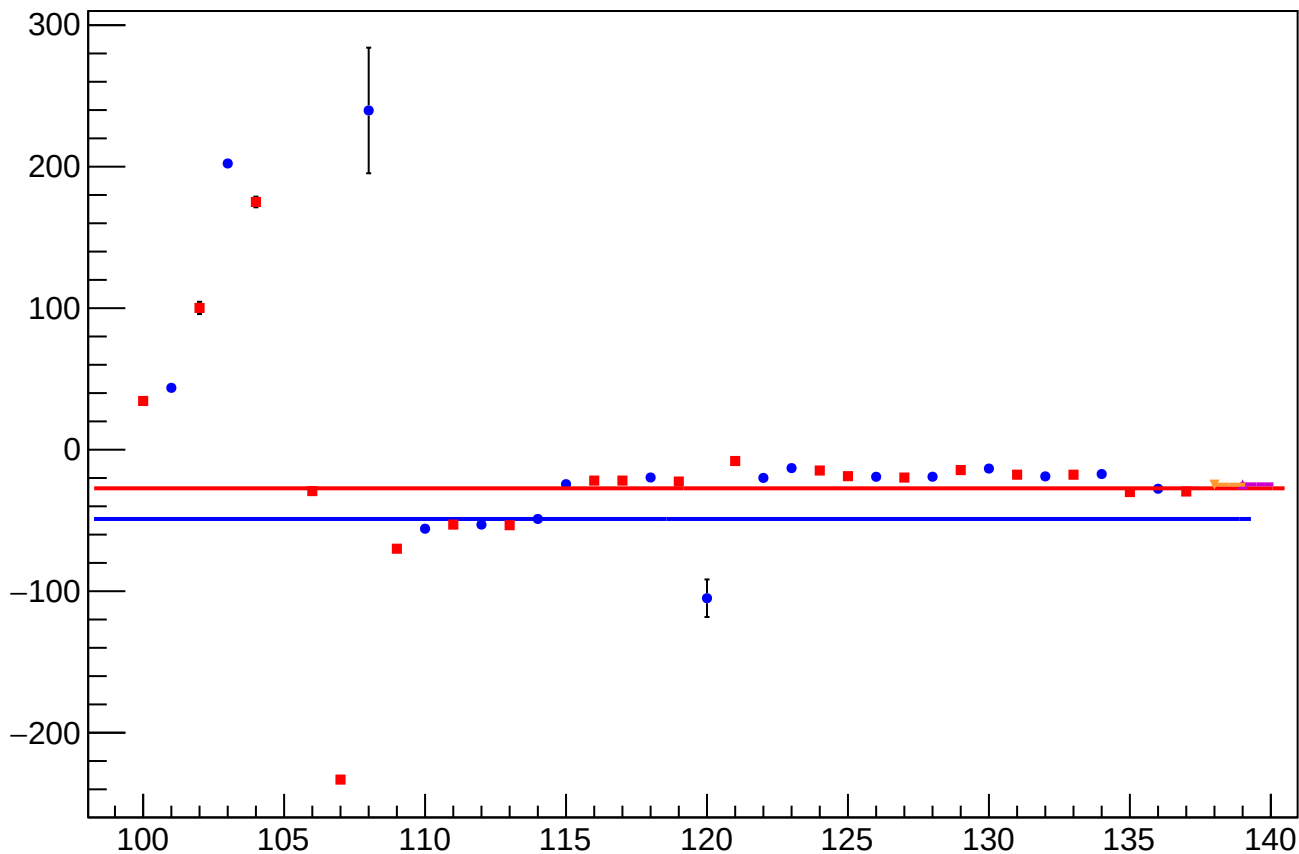
Right Out: 68.121+/-0.286 χ^2/NDF : 272433.9/19

Left In: 178.432+/-1.785 χ^2/NDF : 0.0/0

339.325+/-0.000 χ^2/NDF : 1065642.6/17

70.881+/-0.282 χ^2/NDF : 276158.6/20

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 $\pm$ 0.000 χ^2 /NDF: 5408370.4/16

Left Out: -24.686 $\pm$ 0.025 χ^2 /NDF: 0.0/0

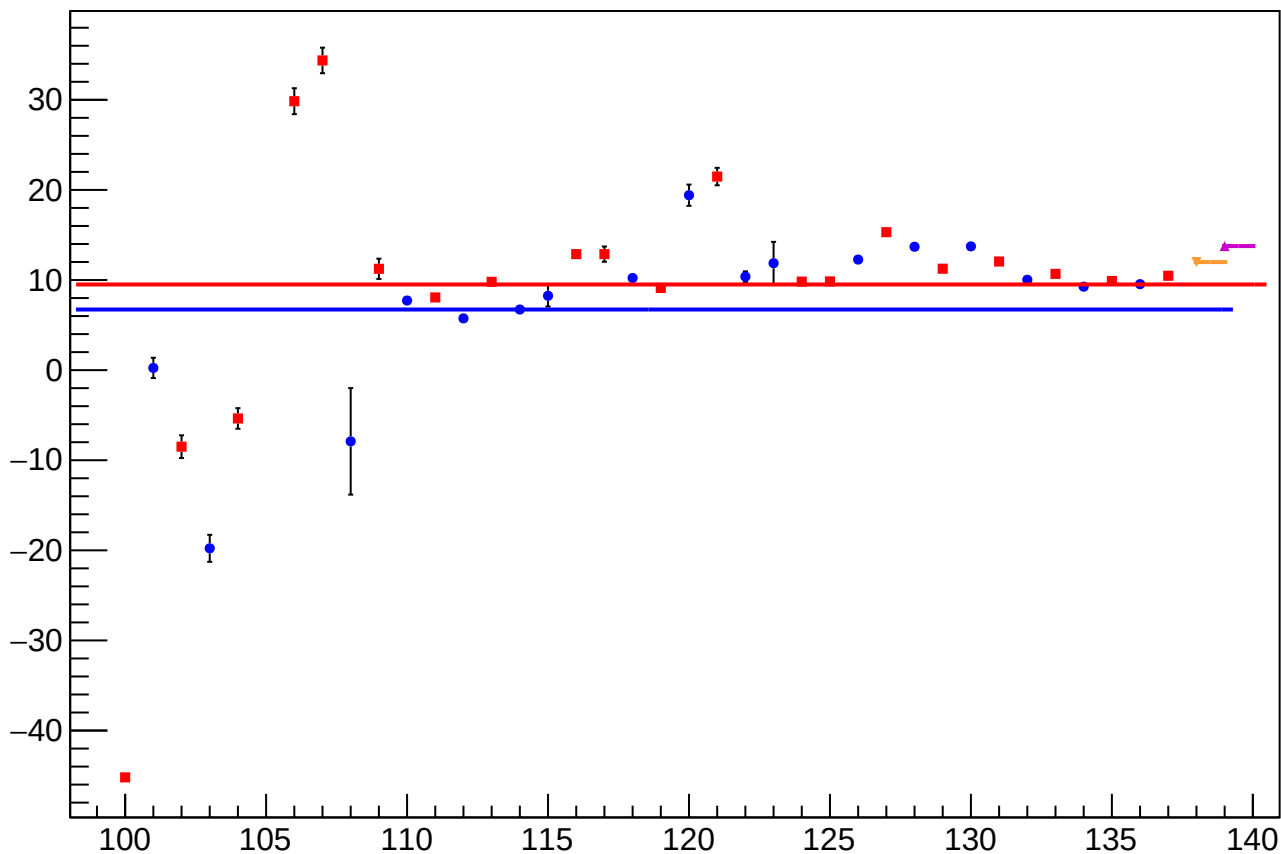
Right Out: -27.292 $\pm$ 0.052 χ^2 /NDF: 167901.6/19

Left In: -24.489 $\pm$ 0.048 χ^2 /NDF: 0.0/0

-48.945 $\pm$ 0.000 χ^2 /NDF: 6344808.4/17

-25.788 $\pm$ 0.035 χ^2 /NDF: 169483.0/20

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF : 13749.2/16

Left Out: 11.991+/-0.073 χ^2/NDF : 0.0/0

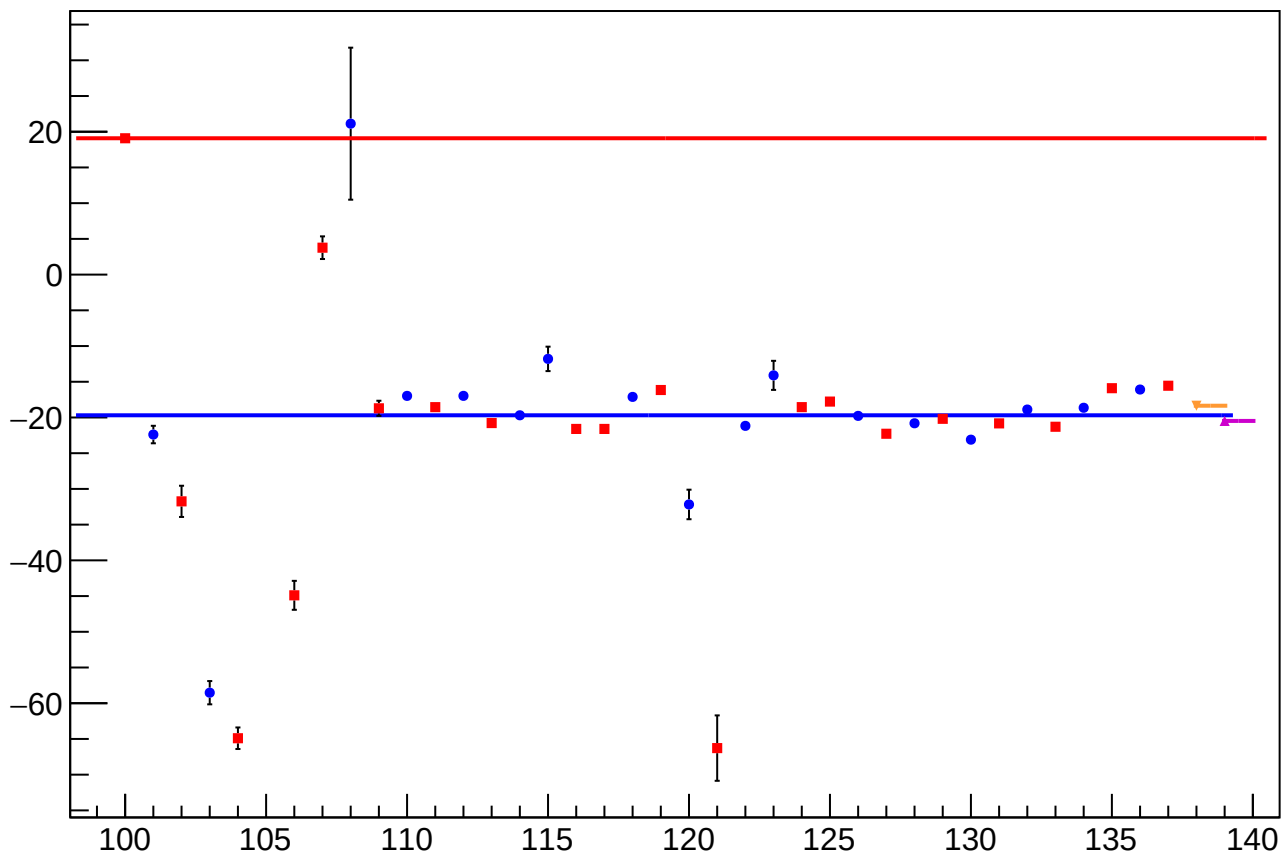
Right Out: 9.508+/-0.036 χ^2/NDF : 26838.0/19

Left In: 13.769+/-0.103 χ^2/NDF : 0.0/0

6.728+/-0.000 χ^2/NDF : 18925.1/17

9.963+/-0.034 χ^2/NDF : 28368.6/20

dit_atl1_4eY_slope vs Slug



Right In: -19.693 $\pm$ 0.000 χ^2 /NDF: 7579.0/16

Left Out: -18.354 $\pm$ 0.121 χ^2 /NDF: 0.0/0

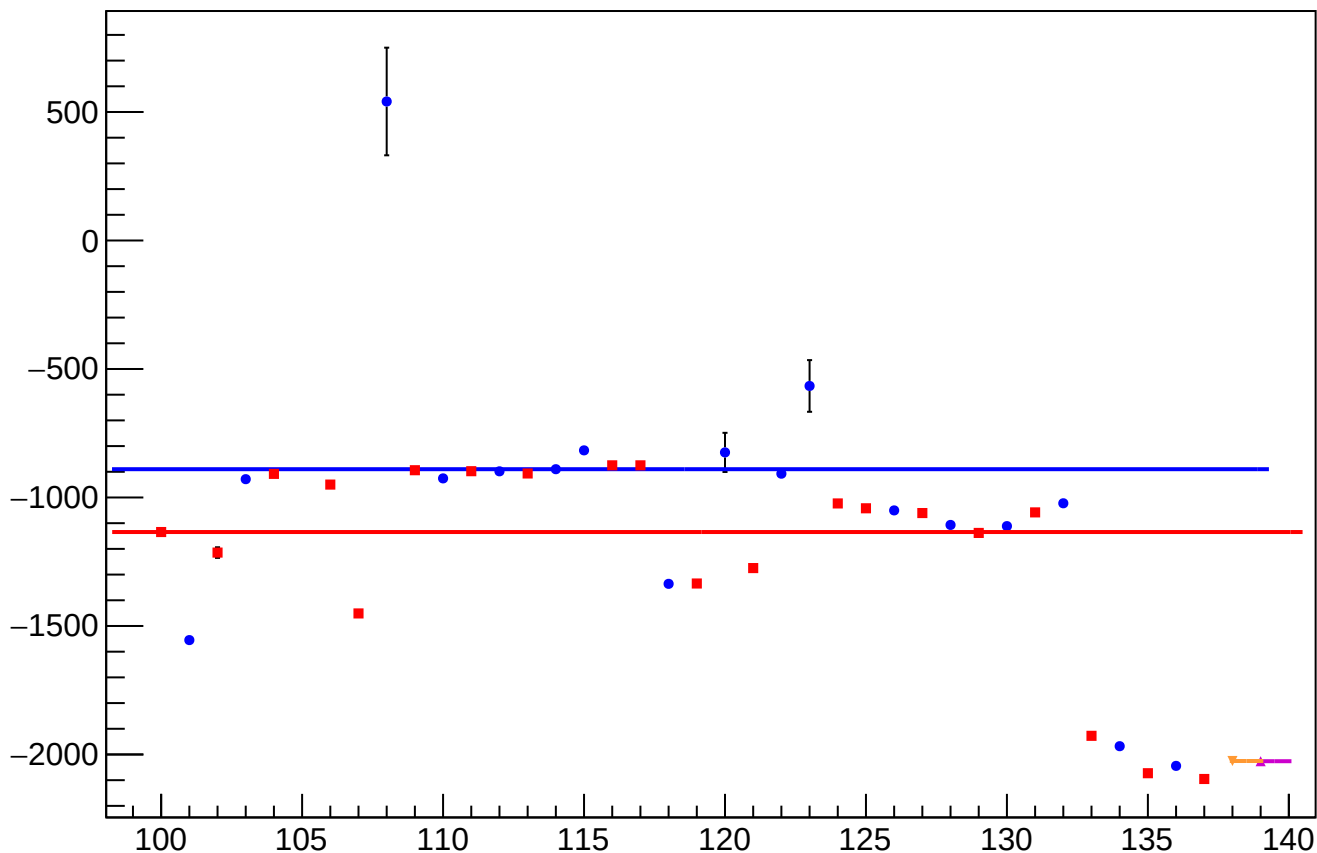
Right Out: 19.086 $\pm$ 0.000 χ^2 /NDF: 614503.5/19

Left In: -20.482 $\pm$ 0.107 χ^2 /NDF: 0.0/0

-19.693 $\pm$ 0.000 χ^2 /NDF: 7702.2/17

19.086 $\pm$ 0.000 χ^2 /NDF: 749990.0/20

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2025.392+/-2.309 χ^2/NDF : 0.0/0

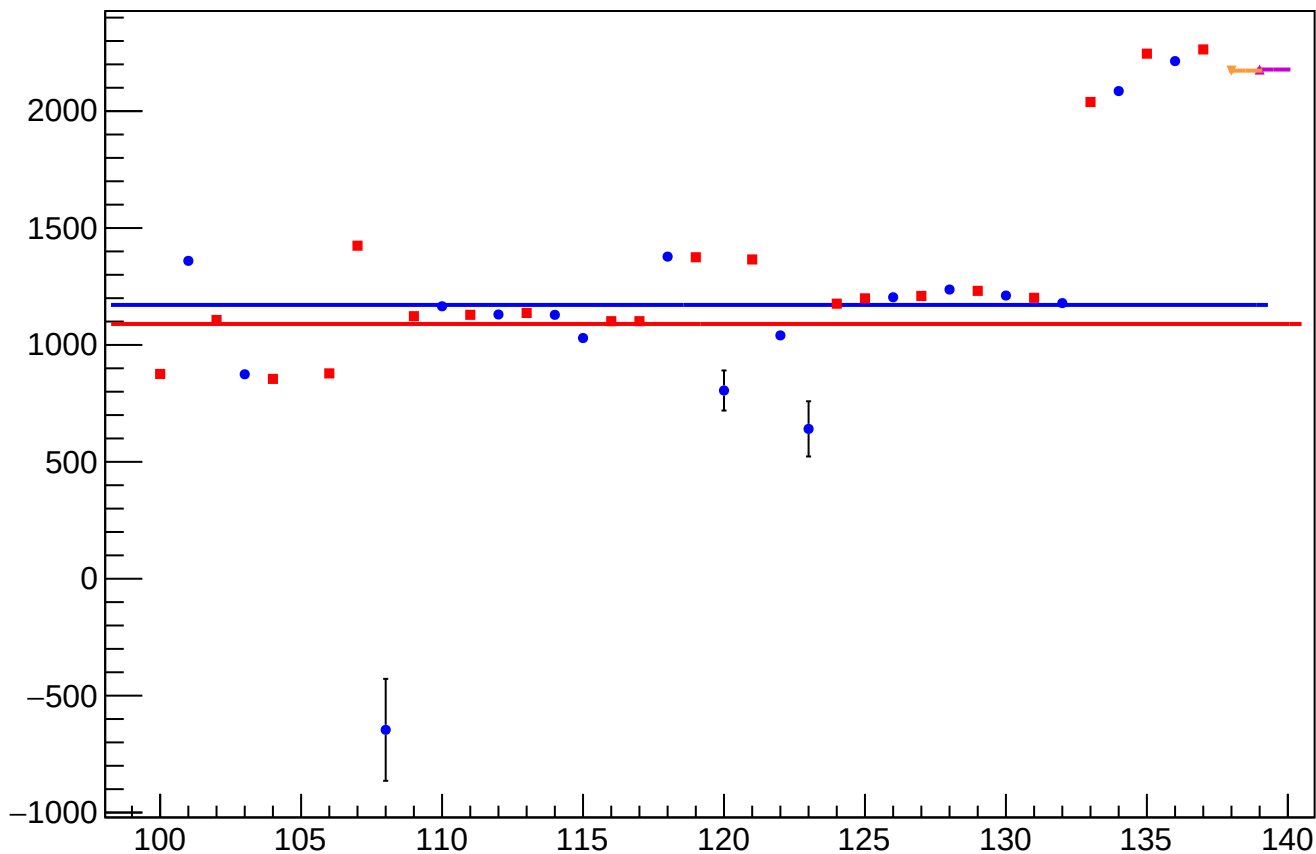
Right Out: -1134.421+/-0.000 χ^2/NDF : 735976.1/19

Left In: -2026.207+/-2.023 χ^2/NDF : 0.0/0

-889.928+/-0.000 χ^2/NDF : 1017689.4/17

-1134.421+/-0.000 χ^2/NDF : 930256.5/20

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2173.217 $\pm$ 2.263 χ^2 /NDF: 0.0/0

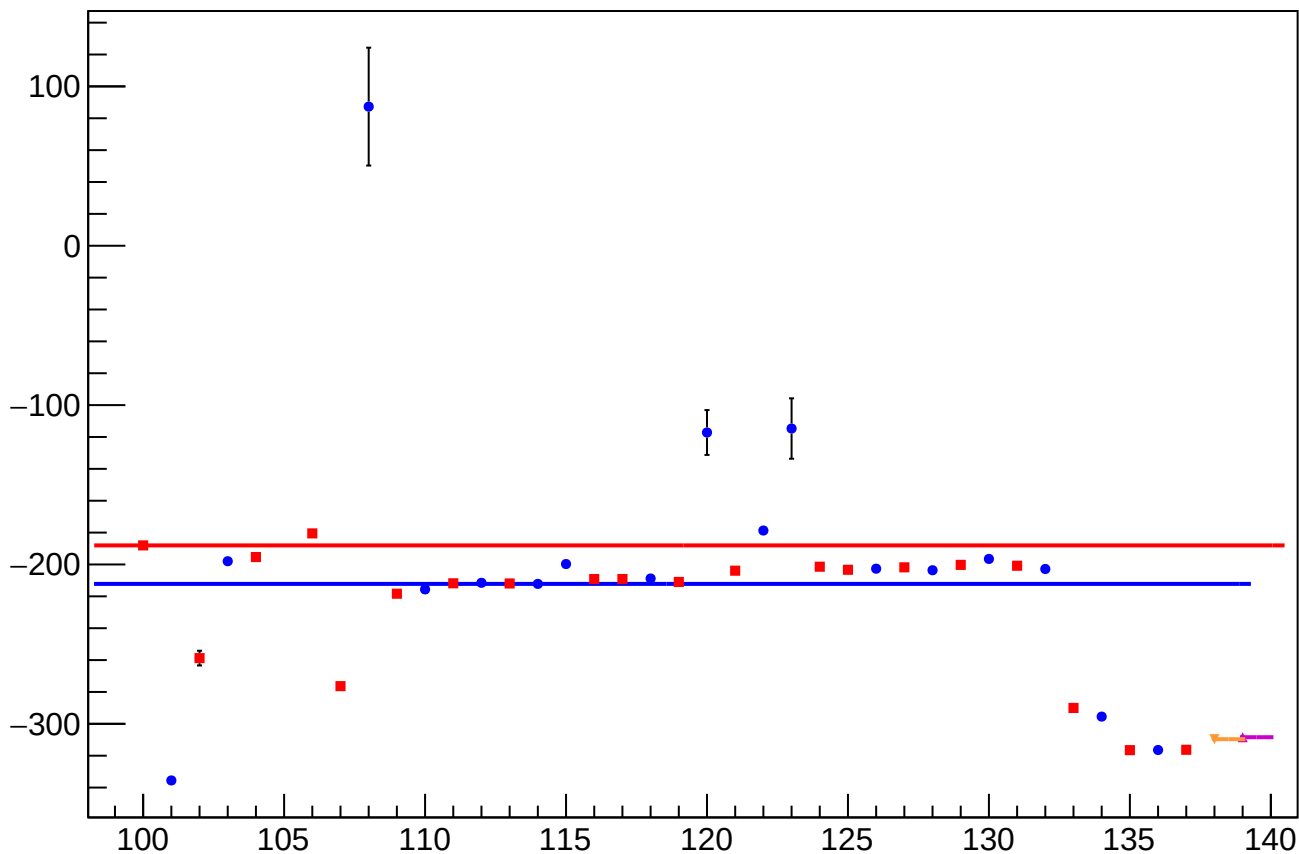
Right Out: 1089.717 $\pm$ 0.253 χ^2 /NDF: 1100324.0/19

Left In: 2177.937 $\pm$ 2.132 χ^2 /NDF: 0.0/0

1182.836 $\pm$ 0.244 χ^2 /NDF: 702844.2/17

1104.867 $\pm$ 0.252 χ^2 /NDF: 1357256.2/20

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -309.634+/-0.077 χ^2/NDF : 0.0/0

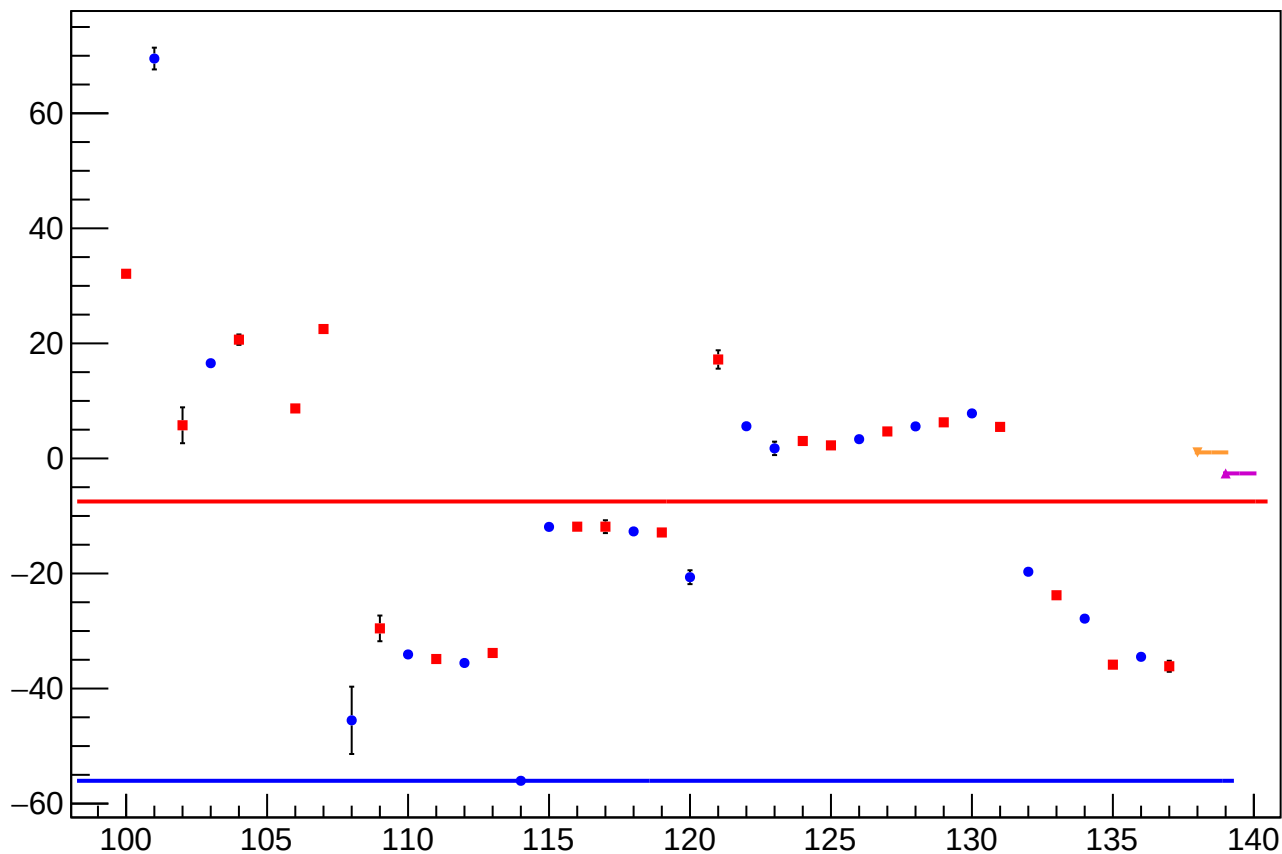
Right Out: -188.033+/-0.000 χ^2/NDF : 602532.6/19

Left In: -308.403+/-0.218 χ^2/NDF : 0.0/0

-212.190+/-0.000 χ^2/NDF : 2769190.8/17

-188.033+/-0.000 χ^2/NDF : 906055.3/20

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1585420.7/16

Left Out: 1.050 ± 0.391 χ^2/NDF : 0.0/0

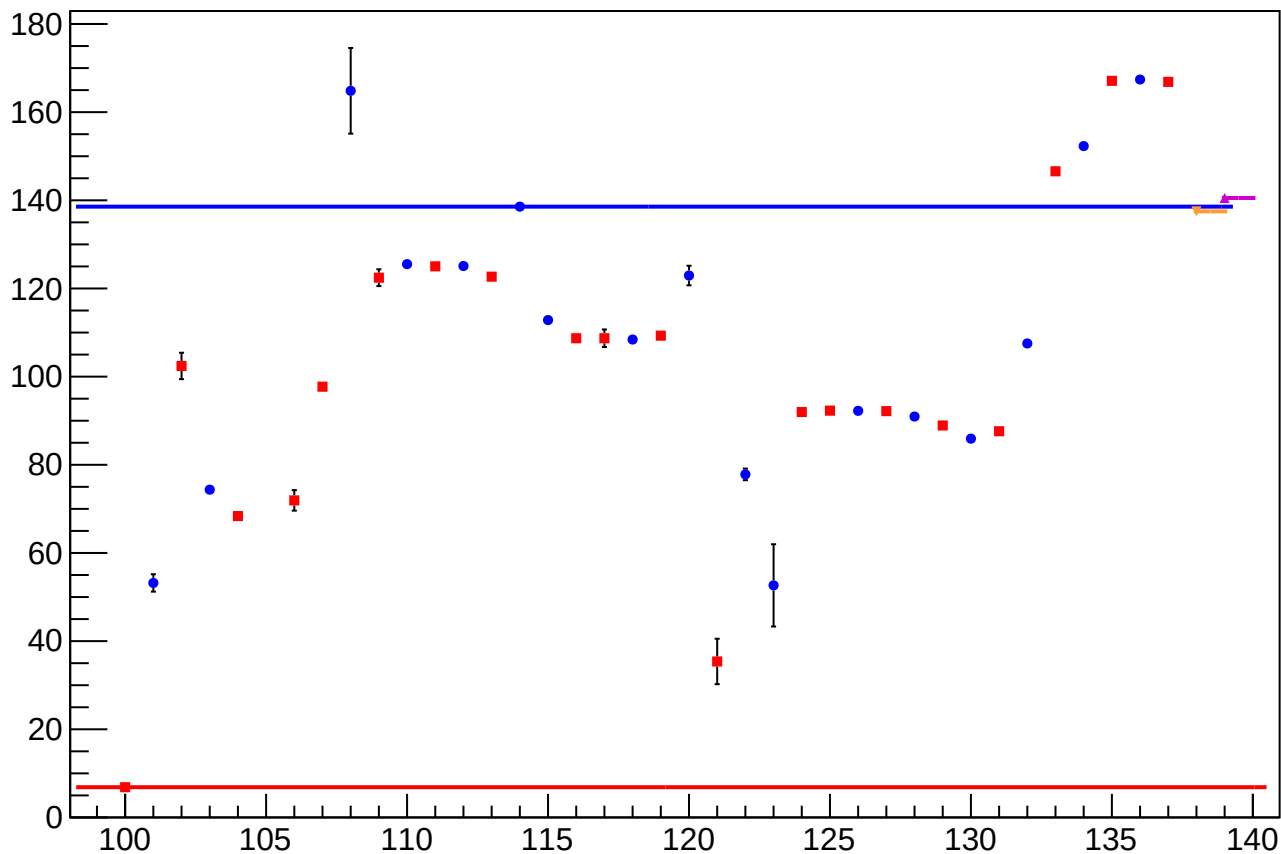
Right Out: -7.483 ± 0.042 χ^2/NDF : 173909.3/19

Left In: -2.604 ± 0.212 χ^2/NDF : 0.0/0

-56.037 ± 0.000 χ^2/NDF : 1606705.4/17

-7.298 ± 0.041 χ^2/NDF : 174417.4/20

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF : 901159.7/16

Left Out: 137.492+/-0.354 χ^2/NDF : 0.0/0

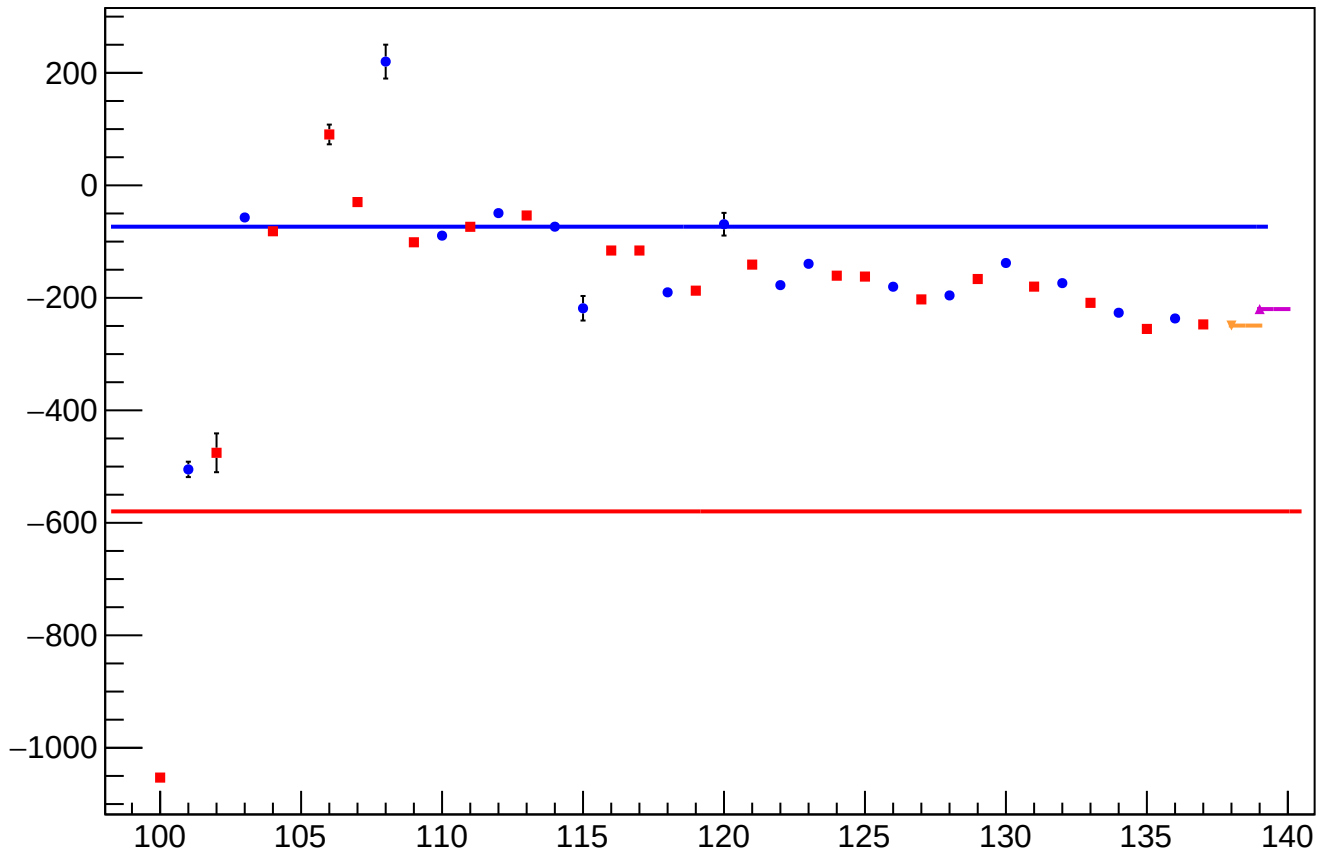
Right Out: 6.866+/-0.000 χ^2/NDF : 8049995.3/19

Left In: 140.534+/-0.171 χ^2/NDF : 0.0/0

138.565+/-0.000 χ^2/NDF : 901168.9/17

6.866+/-0.000 χ^2/NDF : 8659664.8/20

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF : 98703.2/16

-73.485+/-0.000 χ^2/NDF : 148516.3/17

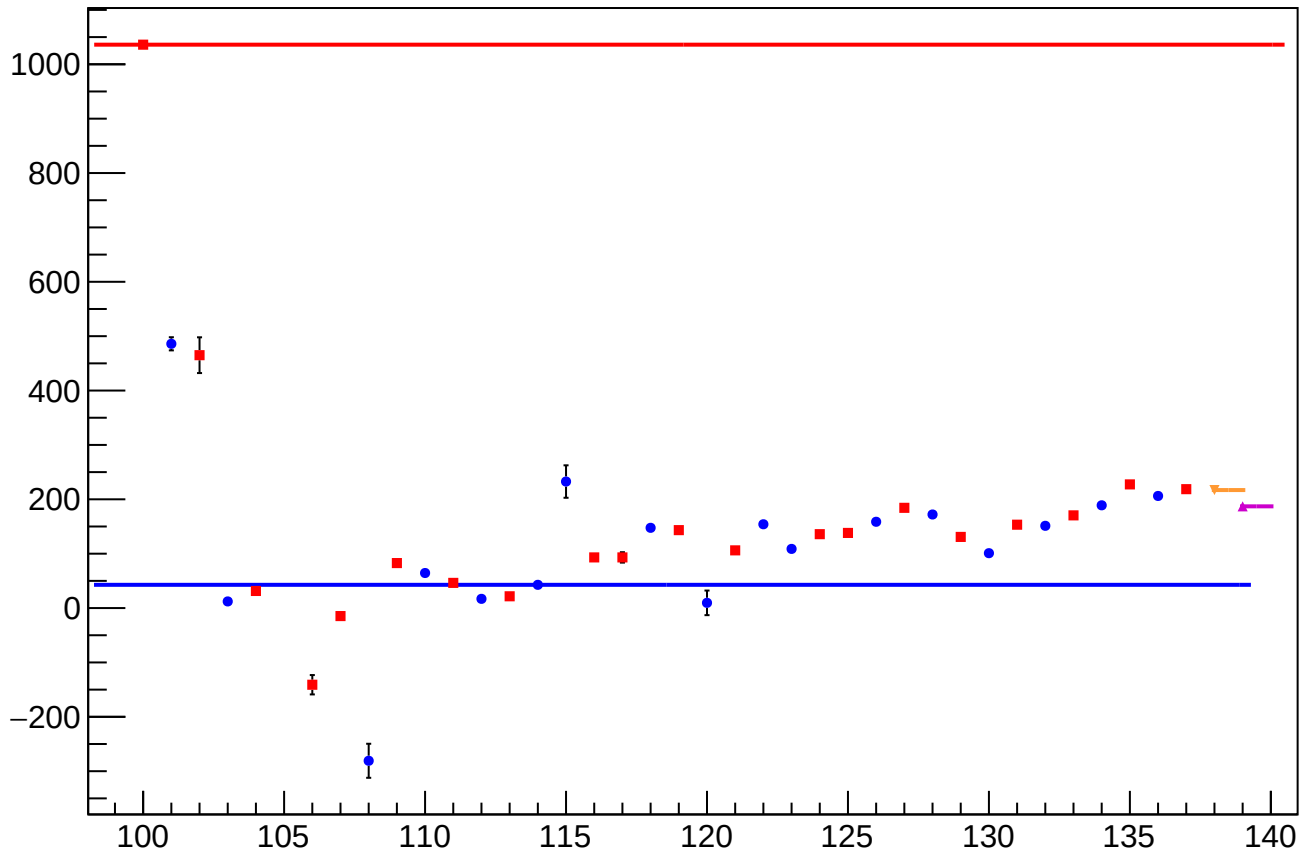
Left Out: -249.286+/-0.788 χ^2/NDF : 0.0/0

Right Out: -579.681+/-0.261 χ^2/NDF : 3035573.4/19

-577.378+/-0.260 χ^2/NDF : 3047753.7/20

Left In: -219.958+/-3.249 χ^2/NDF : 0.0/0

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 217.007+/-0.809 χ^2/NDF : 0.0/0

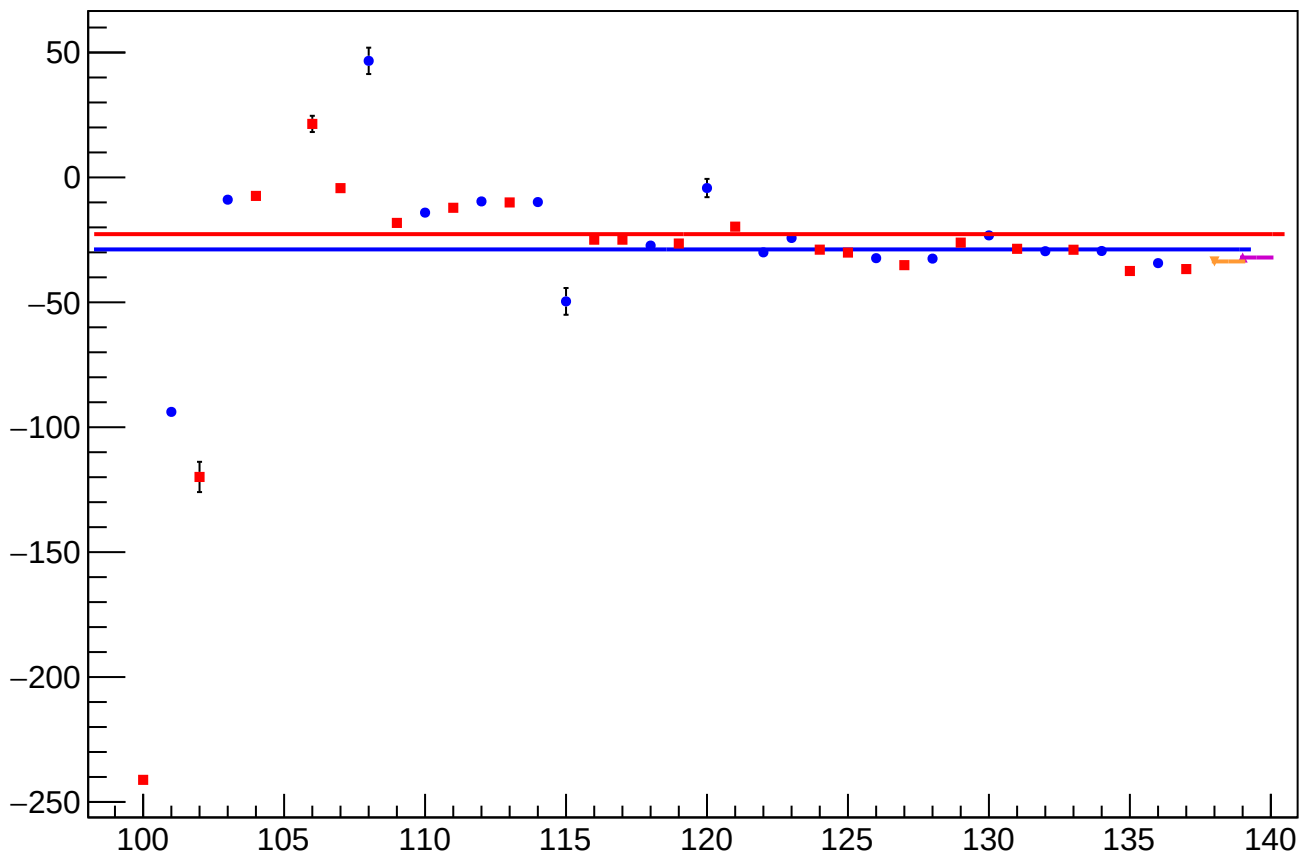
Right Out: 1036.068+/-0.000 χ^2/NDF : 4943495.9/19

Left In: 187.058+/-3.332 χ^2/NDF : 0.0/0

42.743+/-0.000 χ^2/NDF : 131019.7/17

1036.068+/-0.000 χ^2/NDF : 5008422.7/20

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -33.631 ± 0.037 χ^2/NDF : 0.0/0

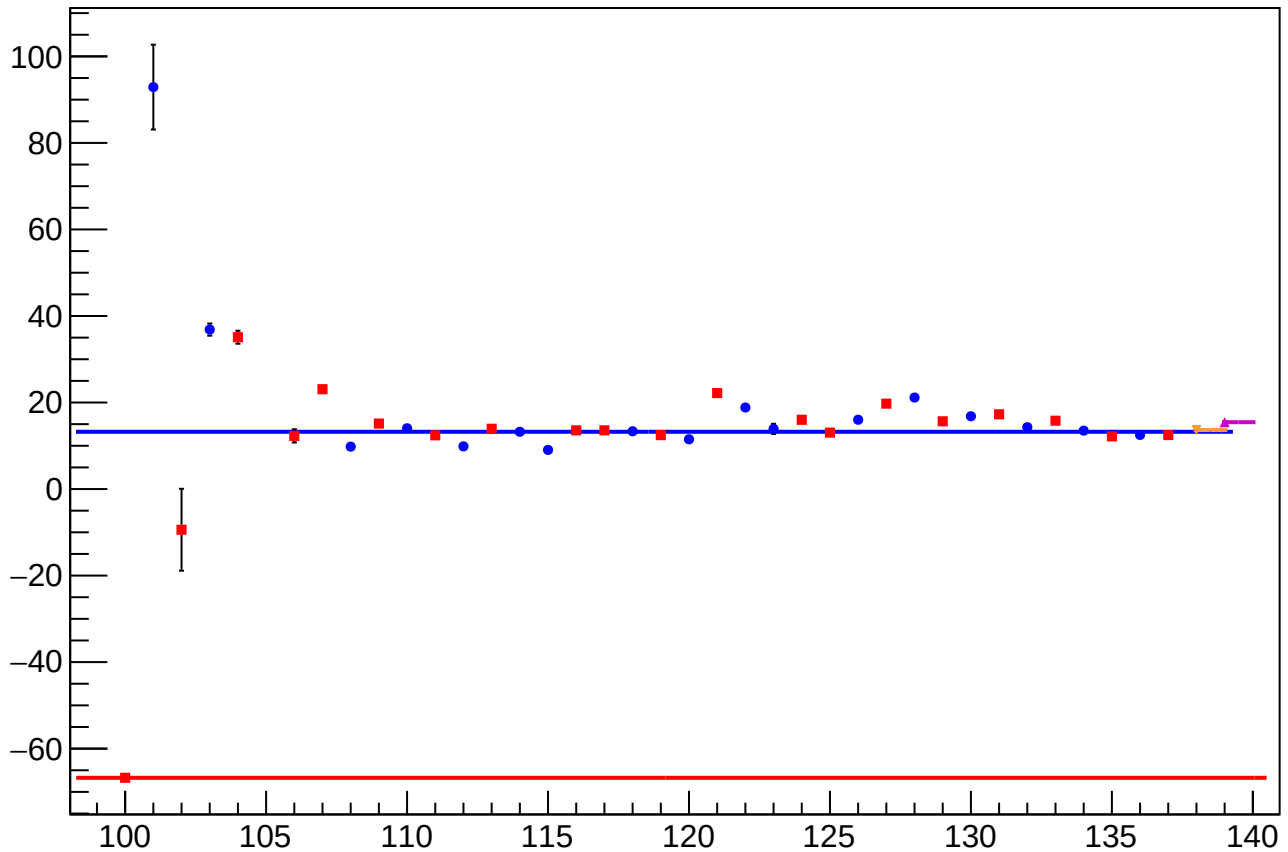
Right Out: -22.709 ± 0.038 χ^2/NDF : 410178.0/19

Left In: -32.066 ± 0.103 χ^2/NDF : 0.0/0

-31.044 ± 0.025 χ^2/NDF : 58354.9/17

-23.828 ± 0.036 χ^2/NDF : 417405.8/20

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.639+/-0.141 χ^2/NDF : 0.0/0

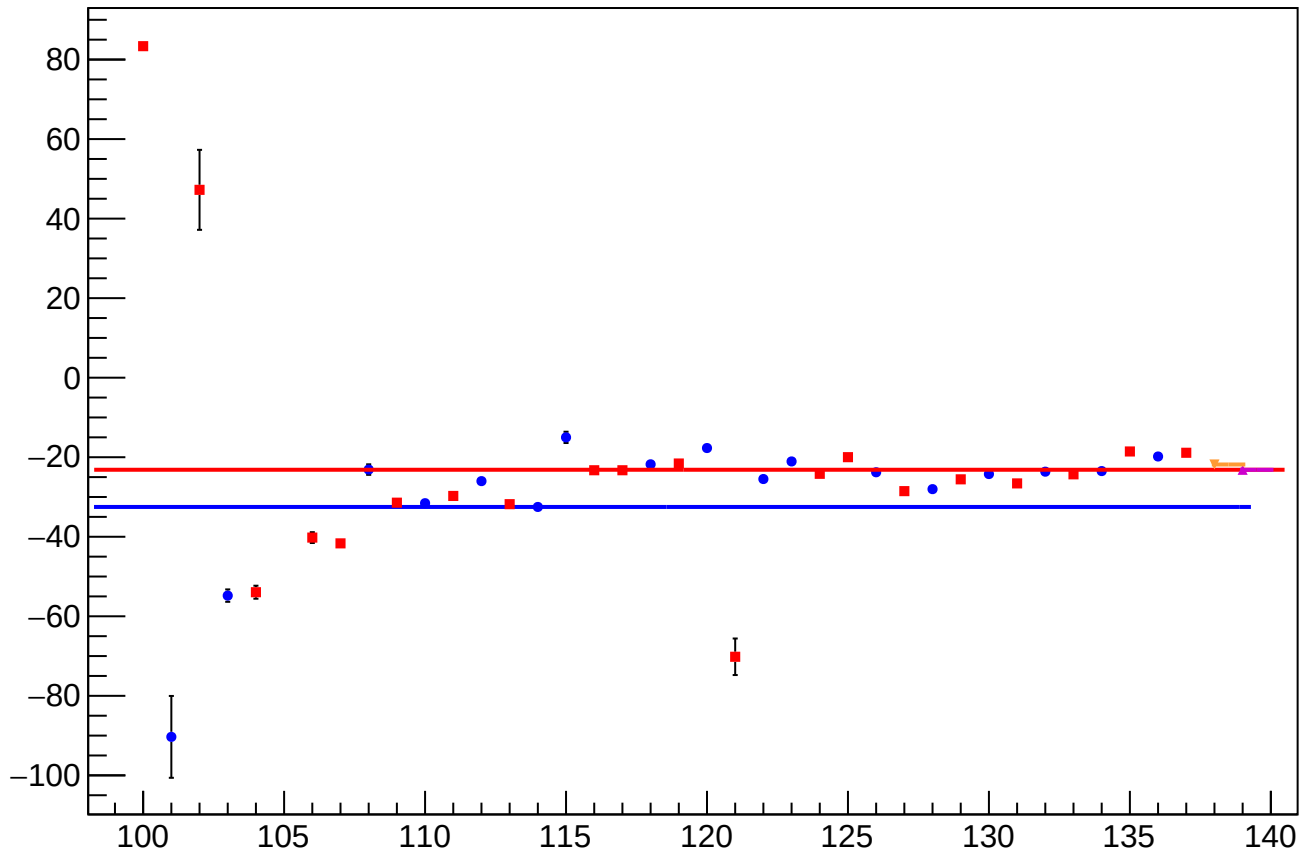
Right Out: -66.739+/-0.000 χ^2/NDF : 3031217.4/19

Left In: 15.452+/-0.118 χ^2/NDF : 0.0/0

13.238+/-0.000 χ^2/NDF : 5764.3/17

-66.739+/-0.000 χ^2/NDF : 3519723.6/20

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -21.827 ± 0.121 χ^2/NDF : 0.0/0

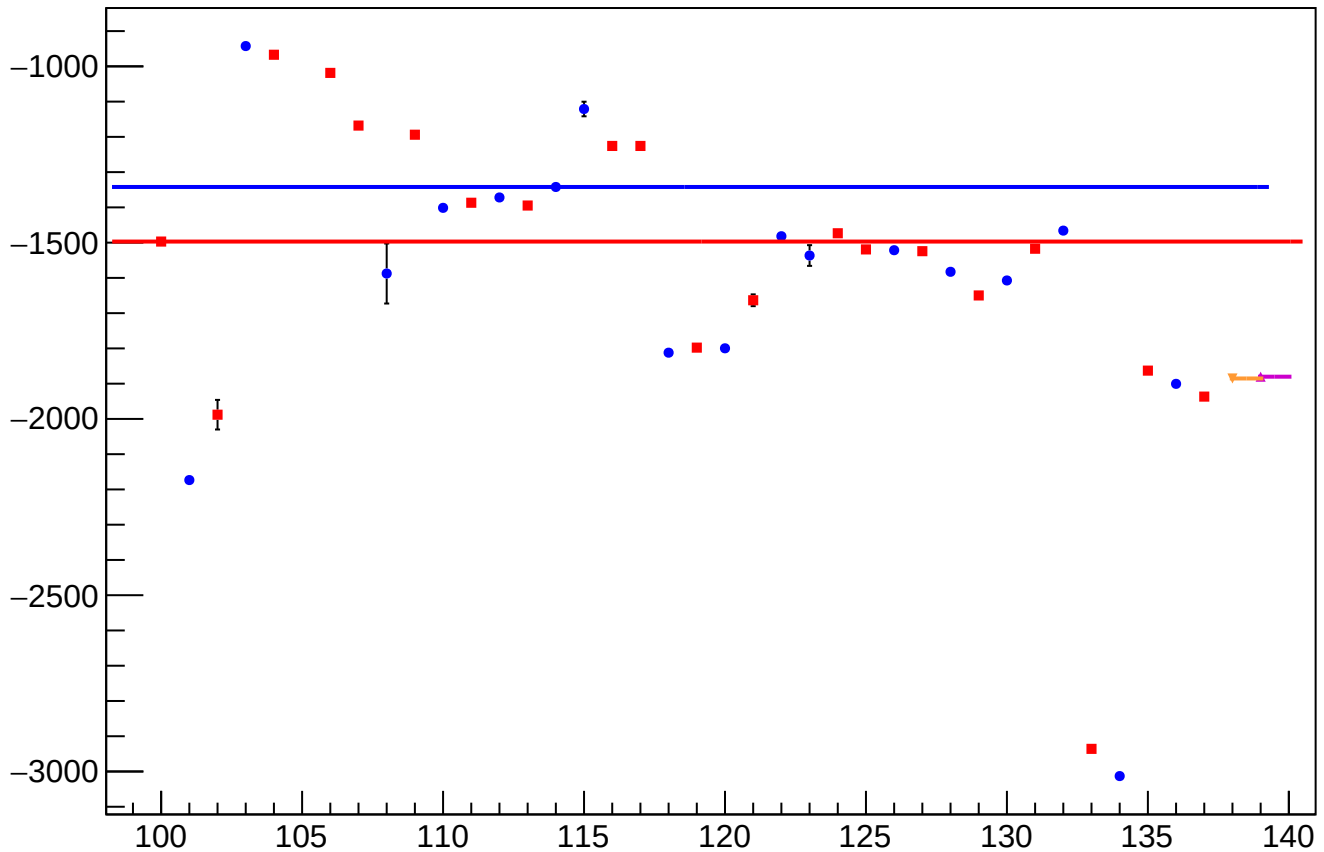
Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/19

Left In: -23.160 ± 0.176 χ^2/NDF : 0.0/0

-32.504 ± 0.000 χ^2/NDF : 81922.4/17

-23.152 ± 0.046 χ^2/NDF : 90749.4/20

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1885.271+/-2.609 χ^2/NDF : 0.0/0

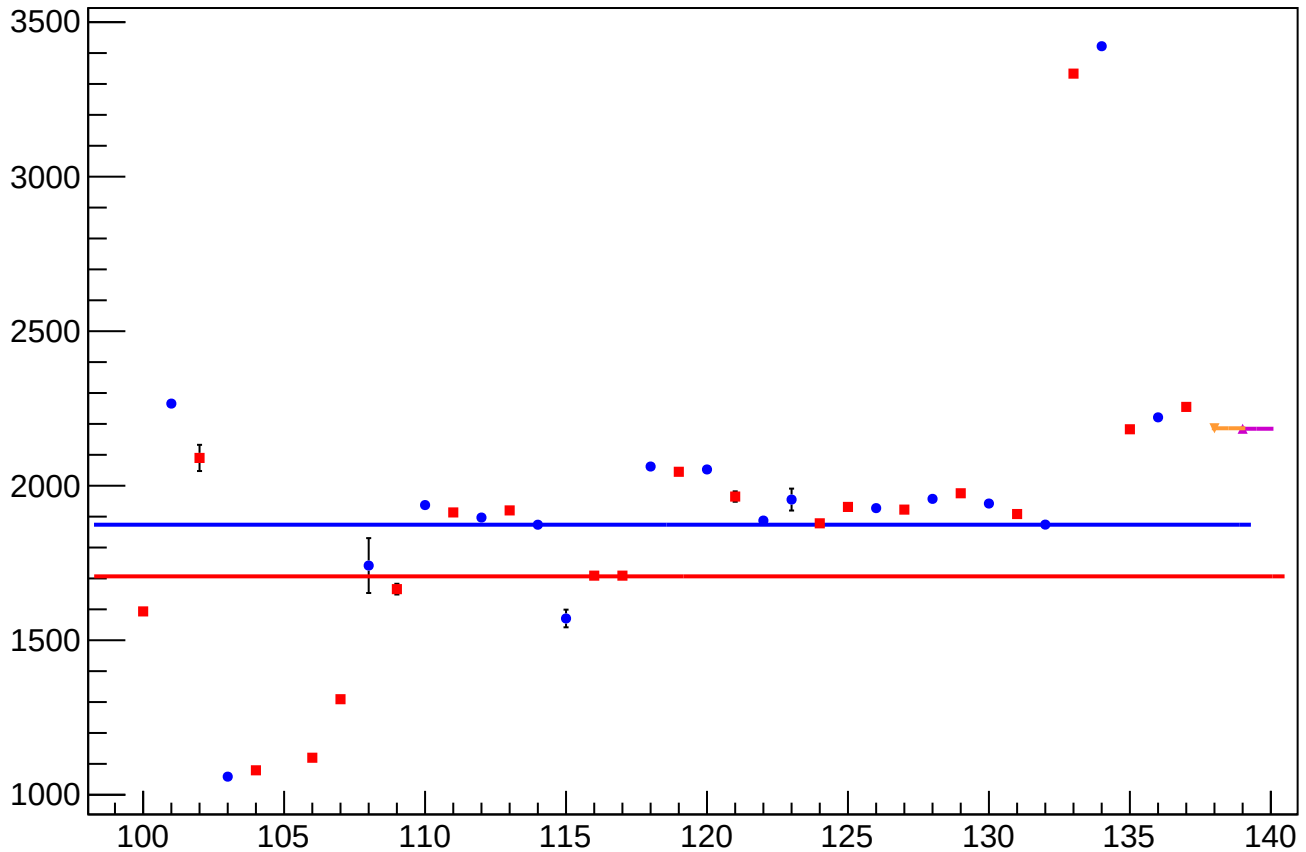
Right Out: -1496.932+/-0.000 χ^2/NDF : 505489.3/19

Left In: -1880.210+/-1.976 χ^2/NDF : 0.0/0

-1342.107+/-0.000 χ^2/NDF : 414228.7/17

-1496.932+/-0.000 χ^2/NDF : 543098.7/20

dit_atr2_4eX_slope vs Slug



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

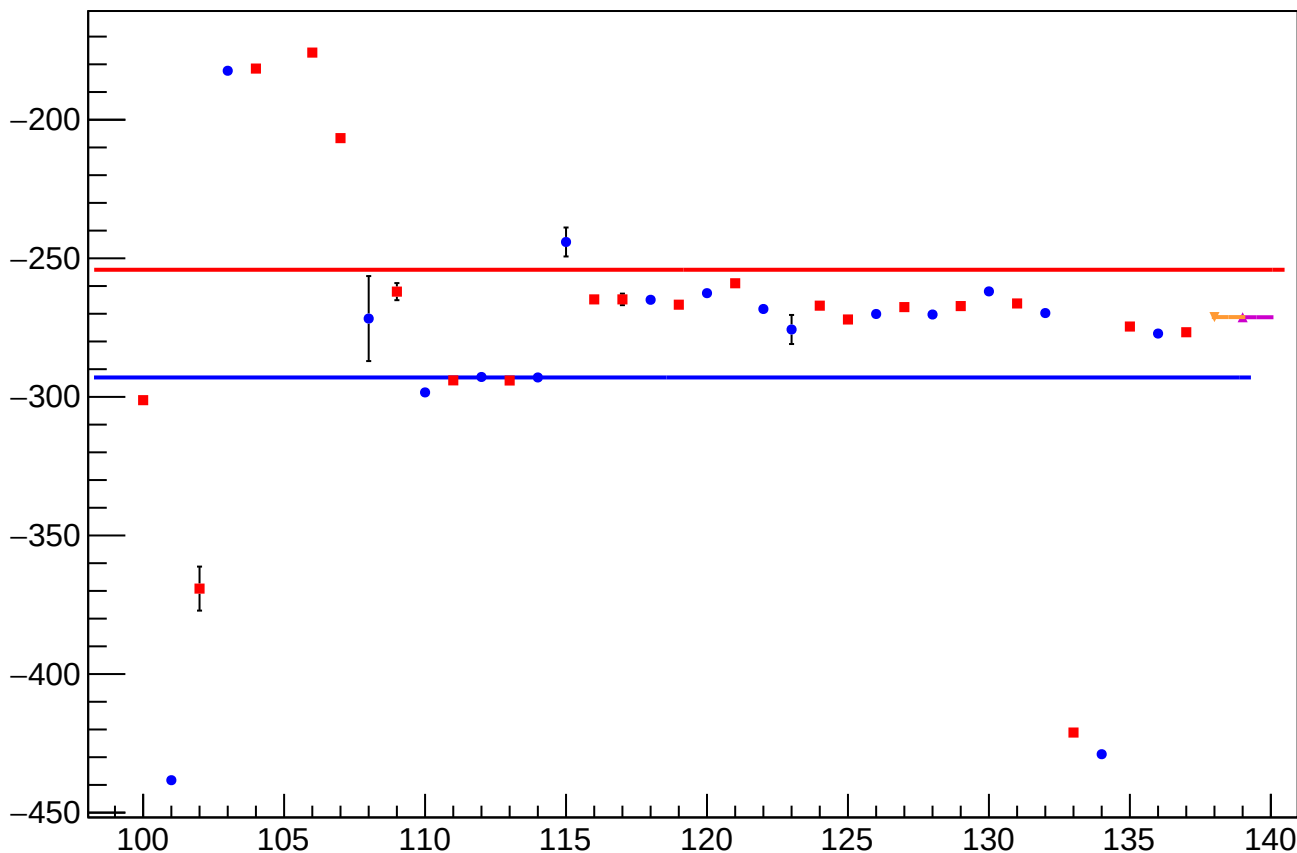
Right Out: 1706.740 $\pm$ 0.302 χ^2 /NDF: 837936.9/19

Left In: 2184.368 $\pm$ 1.993 χ^2 /NDF: 0.0/0

1873.852 $\pm$ 0.000 χ^2 /NDF: 214780.9/17

1717.478 $\pm$ 0.299 χ^2 /NDF: 894052.3/20

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -271.203+/-0.108 χ^2/NDF : 0.0/0

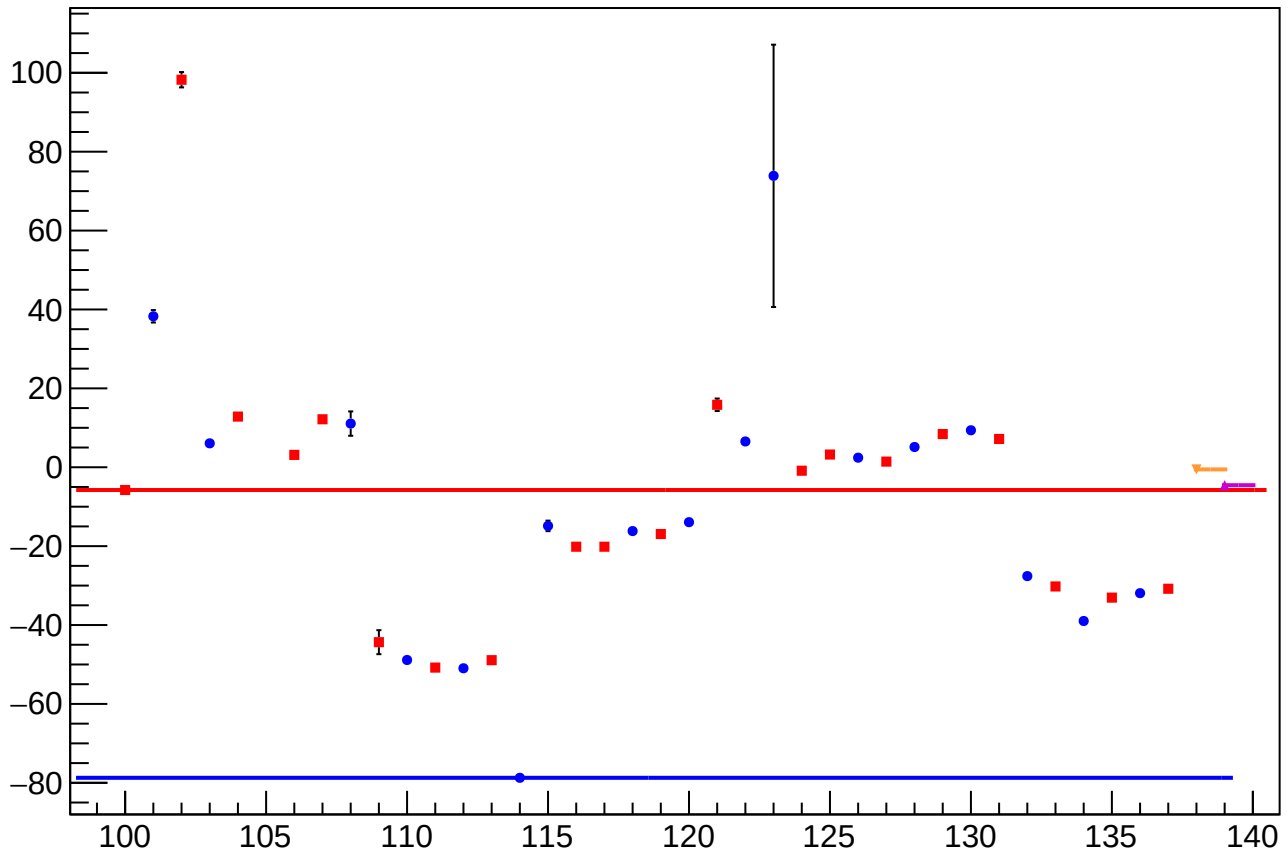
Right Out: -254.127+/-0.059 χ^2/NDF : 502684.9/19

Left In: -271.258+/-0.133 χ^2/NDF : 0.0/0

-292.986+/-0.000 χ^2/NDF : 1056064.3/17

-256.931+/-0.054 χ^2/NDF : 516491.9/20

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF : 1399088.3/16

Left Out: -0.545+/-0.304 χ^2/NDF : 0.0/0

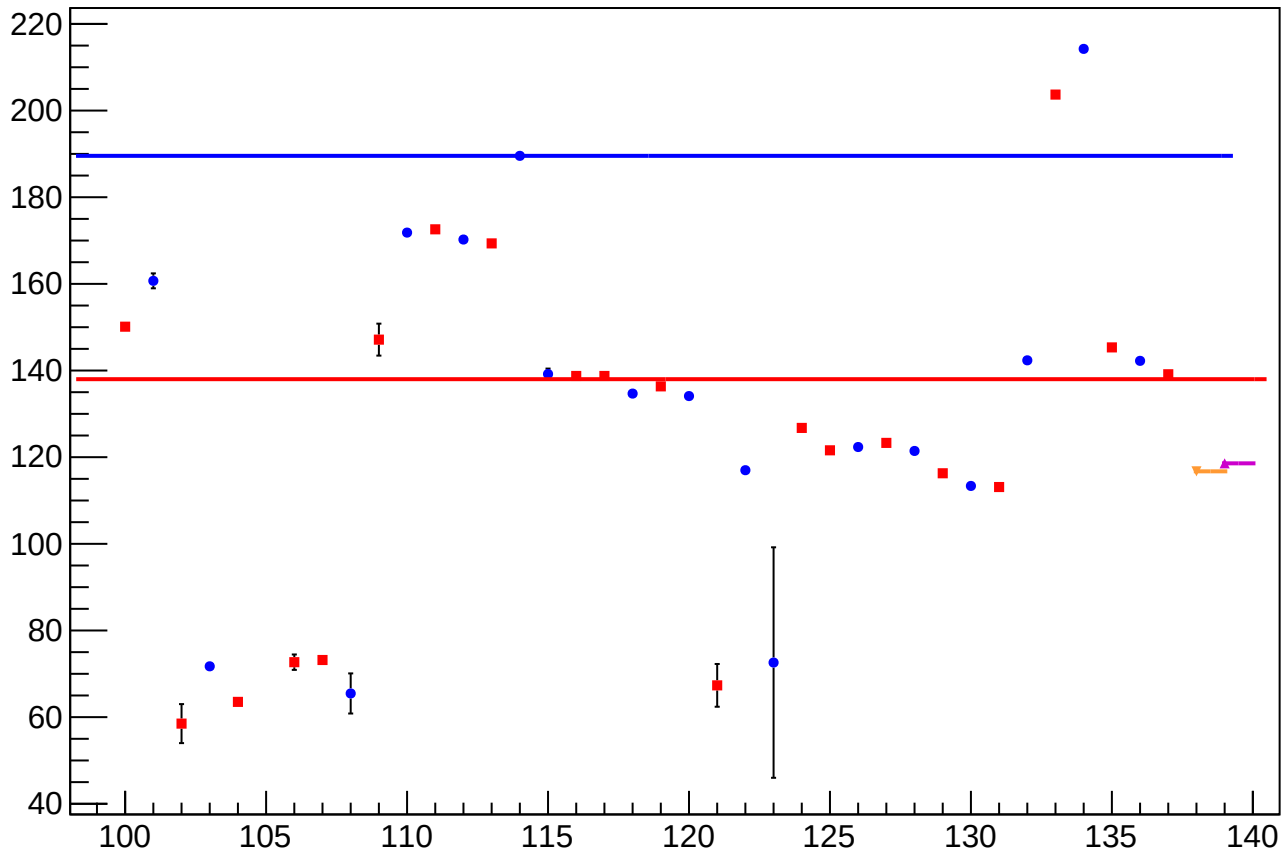
Right Out: -5.769+/-0.000 χ^2/NDF : 111755.3/19

Left In: -4.546+/-0.153 χ^2/NDF : 0.0/0

-78.728+/-0.000 χ^2/NDF : 1465431.9/17

-5.769+/-0.000 χ^2/NDF : 111819.6/20

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF : 927391.8/16

Left Out: 116.733+/-0.229 χ^2/NDF : 0.0/0

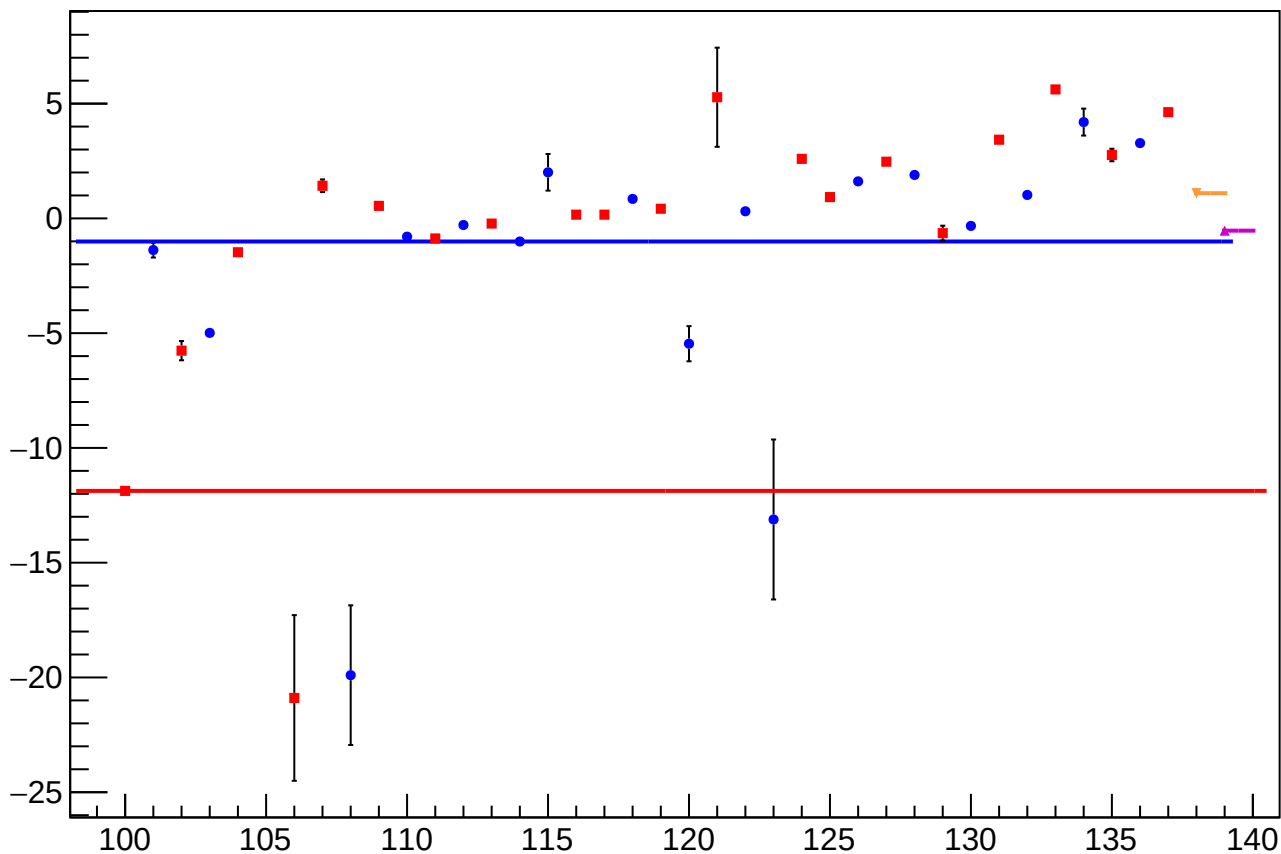
Right Out: 138.004+/-0.059 χ^2/NDF : 117358.3/19

Left In: 118.579+/-0.147 χ^2/NDF : 0.0/0

189.551+/-0.000 χ^2/NDF : 1028583.3/17

135.326+/-0.055 χ^2/NDF : 132315.0/20

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 $\chi^2/\text{NDF}: 7057.7/16$

Left Out: 1.098 ± 0.196 $\chi^2/\text{NDF}: 0.0/0$

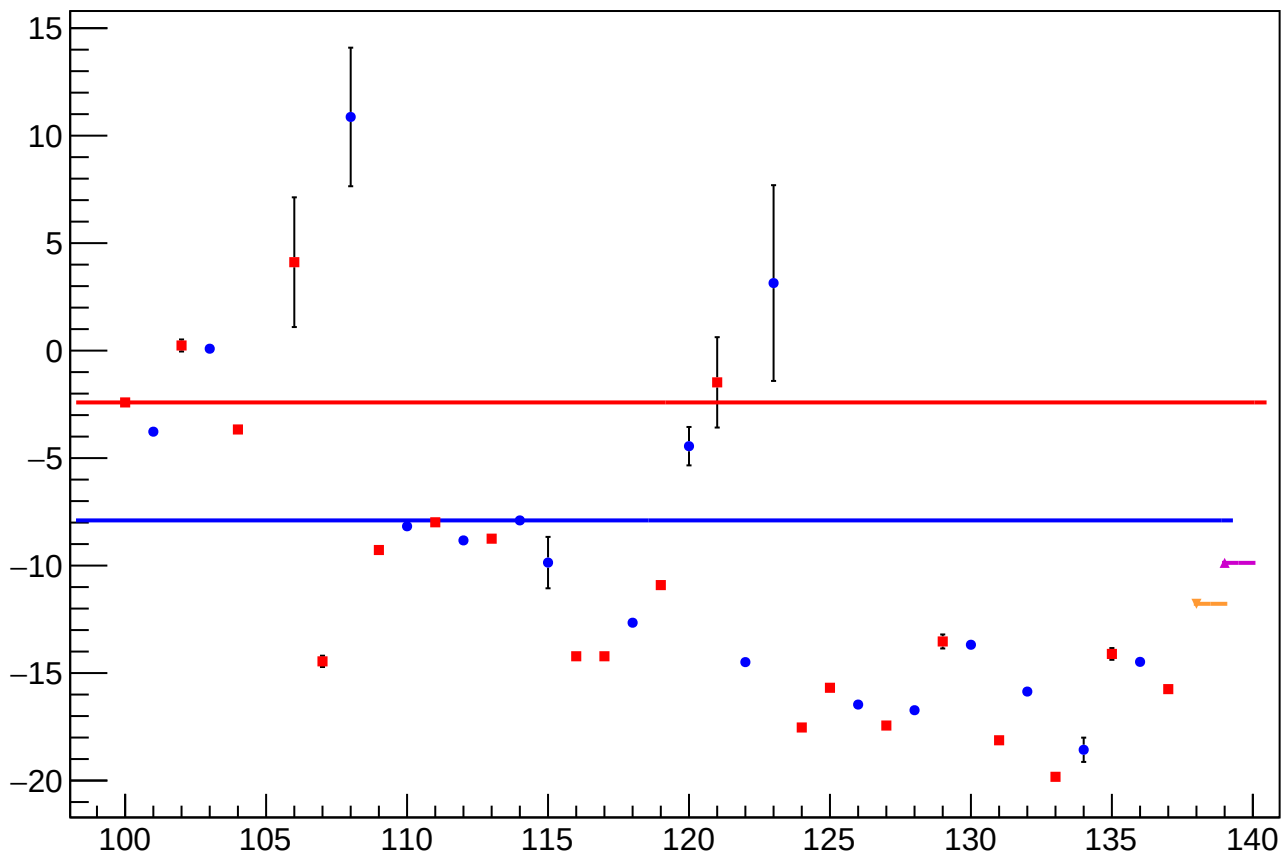
Right Out: -11.872 ± 0.000 $\chi^2/\text{NDF}: 560568.2/19$

Left In: -0.534 ± 0.101 $\chi^2/\text{NDF}: 0.0/0$

-1.007 ± 0.000 $\chi^2/\text{NDF}: 7172.7/17$

-11.872 ± 0.000 $\chi^2/\text{NDF}: 573090.4/20$

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -11.778 ± 0.203 χ^2/NDF : 0.0/0

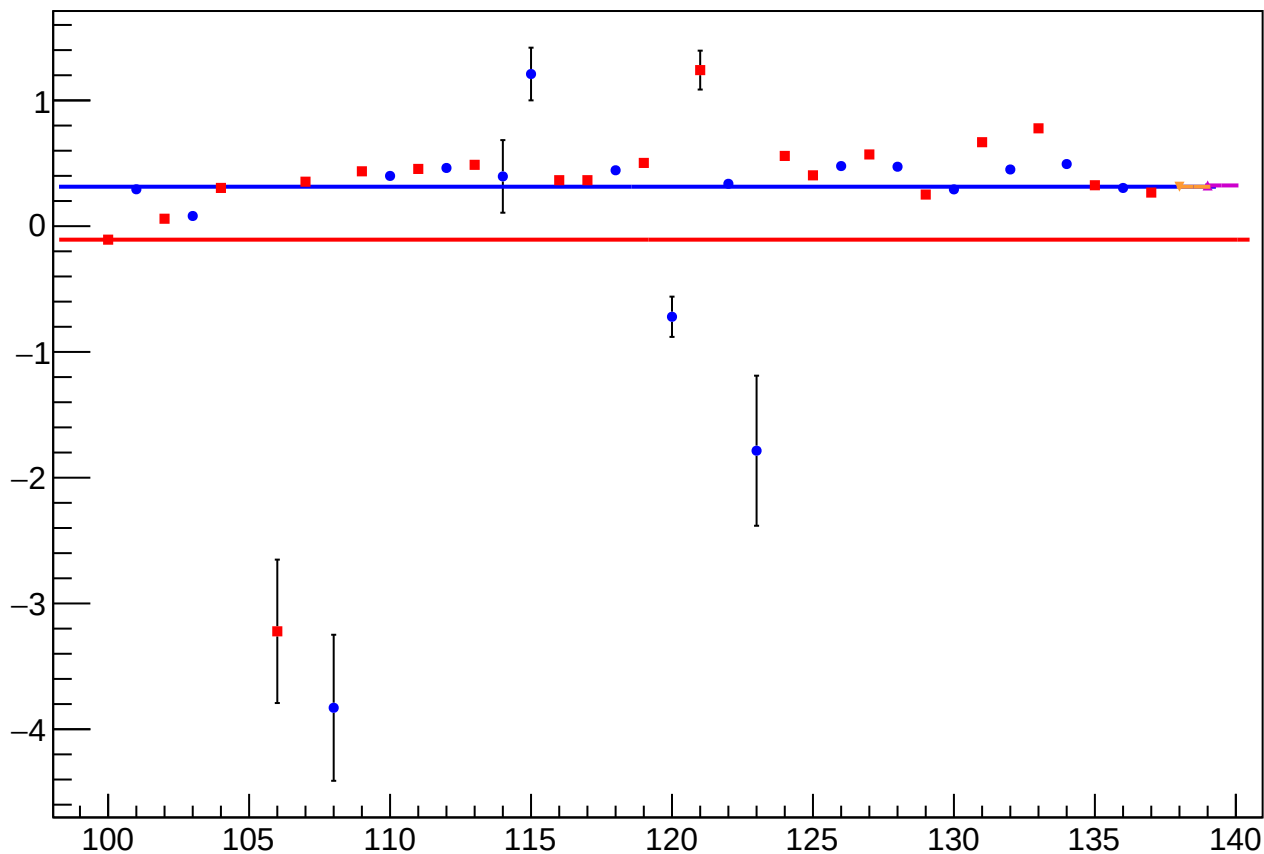
Right Out: -2.410 ± 0.000 χ^2/NDF : 222300.8/19

Left In: -9.873 ± 0.101 χ^2/NDF : 0.0/0

-7.899 ± 0.000 χ^2/NDF : 39808.3/17

-2.410 ± 0.000 χ^2/NDF : 227770.4/20

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 $\pm$ 0.001 χ^2 /NDF: 2748.0/16

Left Out: 0.314 $\pm$ 0.002 χ^2 /NDF: 0.0/0

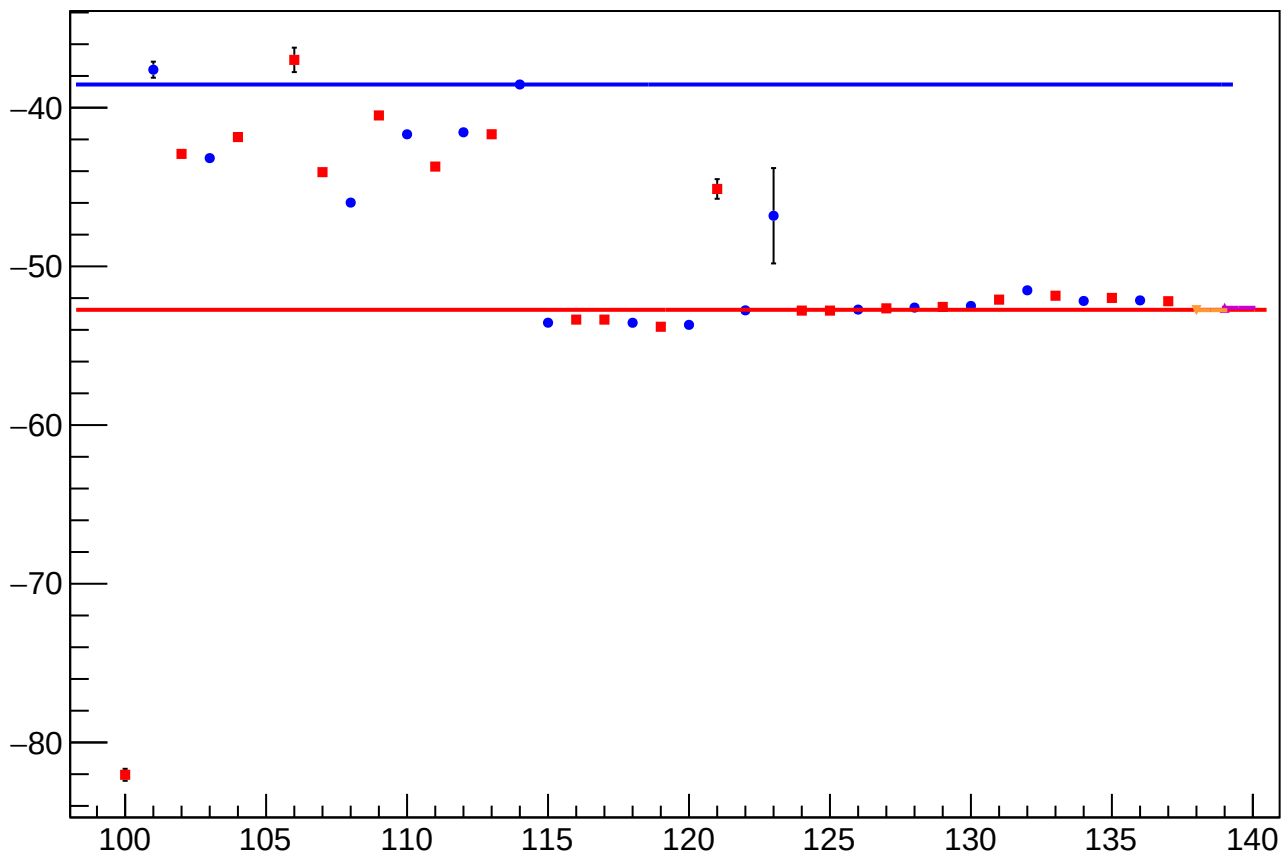
Right Out: -0.107 $\pm$ 0.000 χ^2 /NDF: 223881.2/19

Left In: 0.324 $\pm$ 0.004 χ^2 /NDF: 0.0/0

0.314 $\pm$ 0.001 χ^2 /NDF: 2748.0/17

-0.107 $\pm$ 0.000 χ^2 /NDF: 235745.8/20

dit_sam1_4aY_slope vs Slug



Right In: -38.539 $\pm$ 0.000 χ^2 /NDF: 14950854.6/16

Left Out: -52.759 $\pm$ 0.008 χ^2 /NDF: 0.0/0

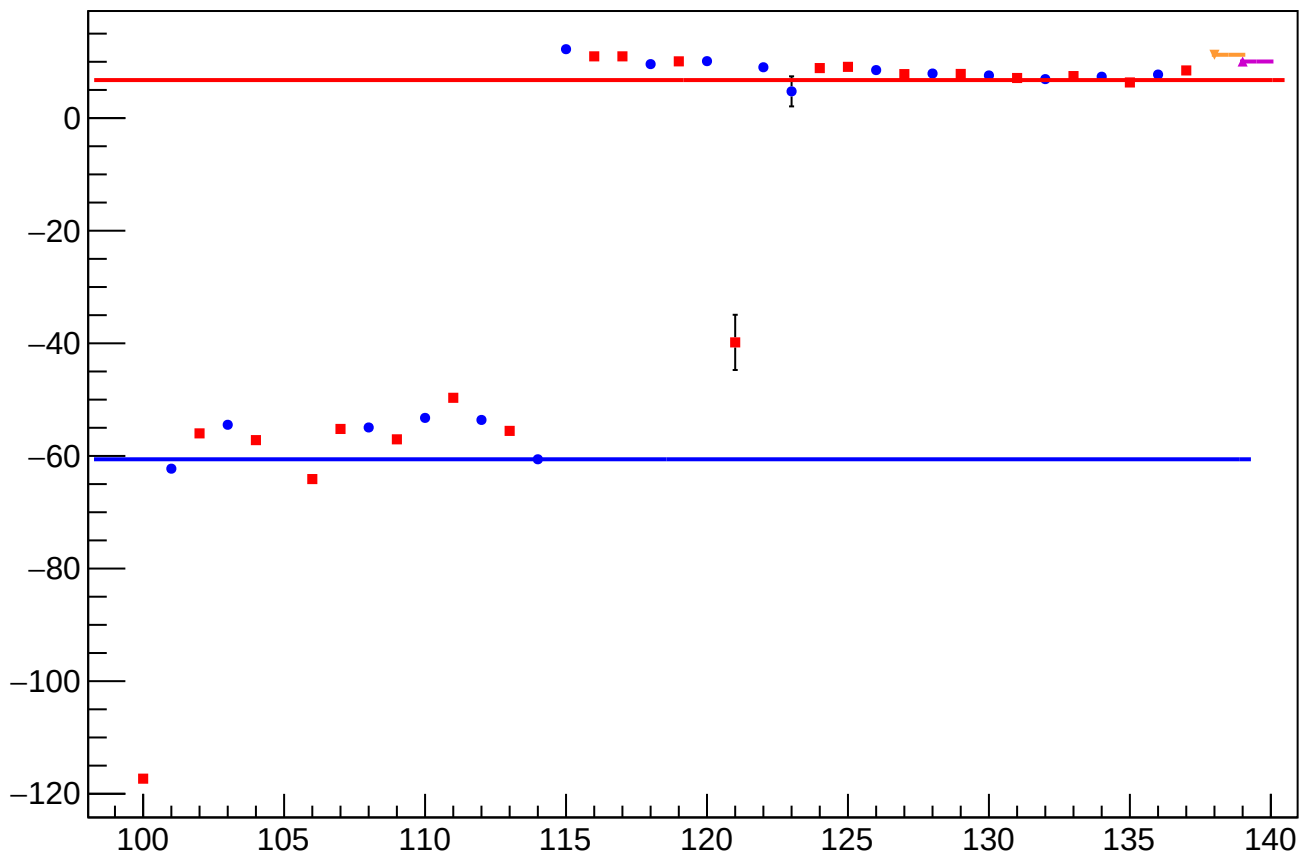
Right Out: -52.737 $\pm$ 0.002 χ^2 /NDF: 87444.8/19

Left In: -52.609 $\pm$ 0.013 χ^2 /NDF: 0.0/0

-38.539 $\pm$ 0.000 χ^2 /NDF: 17894585.8/17

-52.734 $\pm$ 0.002 χ^2 /NDF: 87534.0/20

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 11.246 ± 0.025 χ^2/NDF : 0.0/0

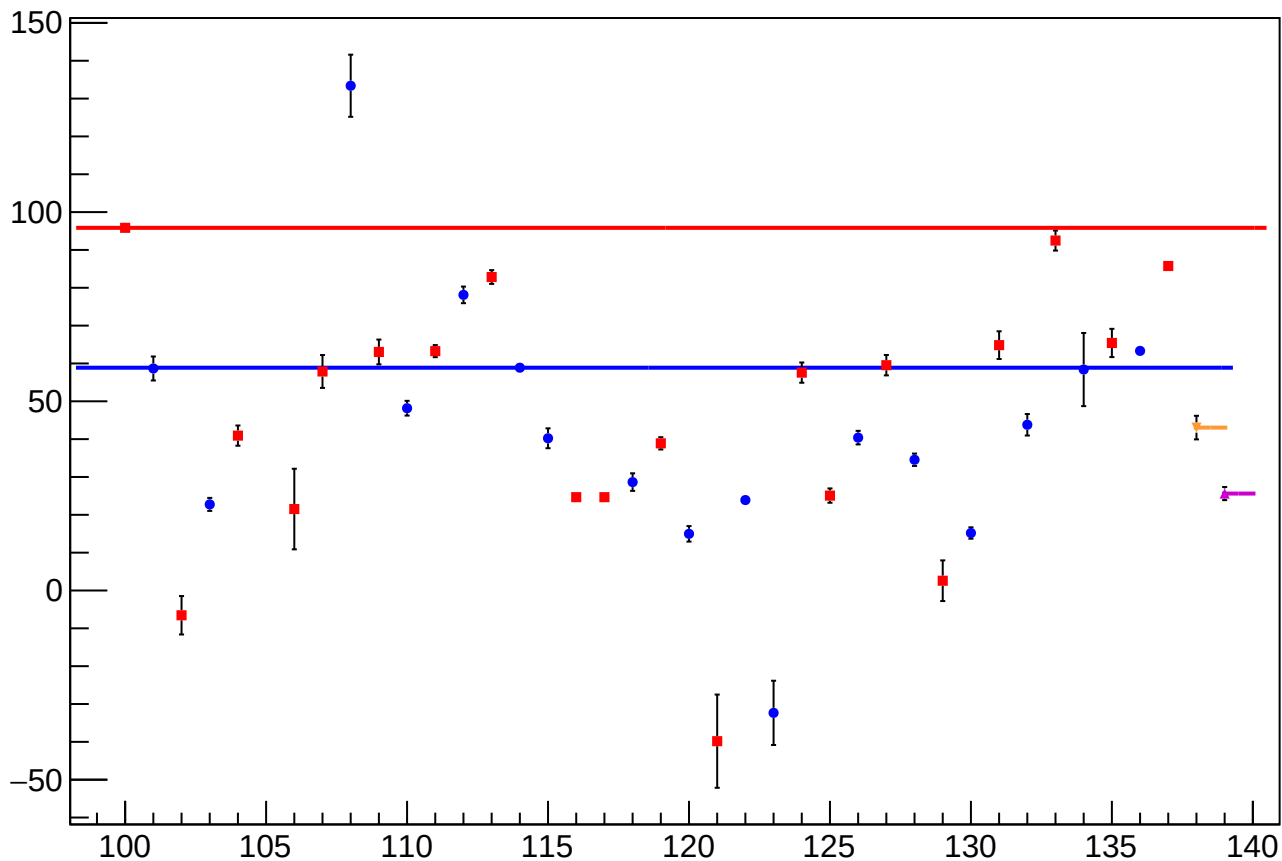
Right Out: 6.753 ± 0.011 χ^2/NDF : 1266741.1/19

Left In: 10.050 ± 0.038 χ^2/NDF : 0.0/0

-60.594 ± 0.000 χ^2/NDF : 34166806.5/17

7.014 ± 0.011 χ^2/NDF : 1273855.9/20

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 43.053 $\pm$ 3.118 χ^2 /NDF:0.0/0

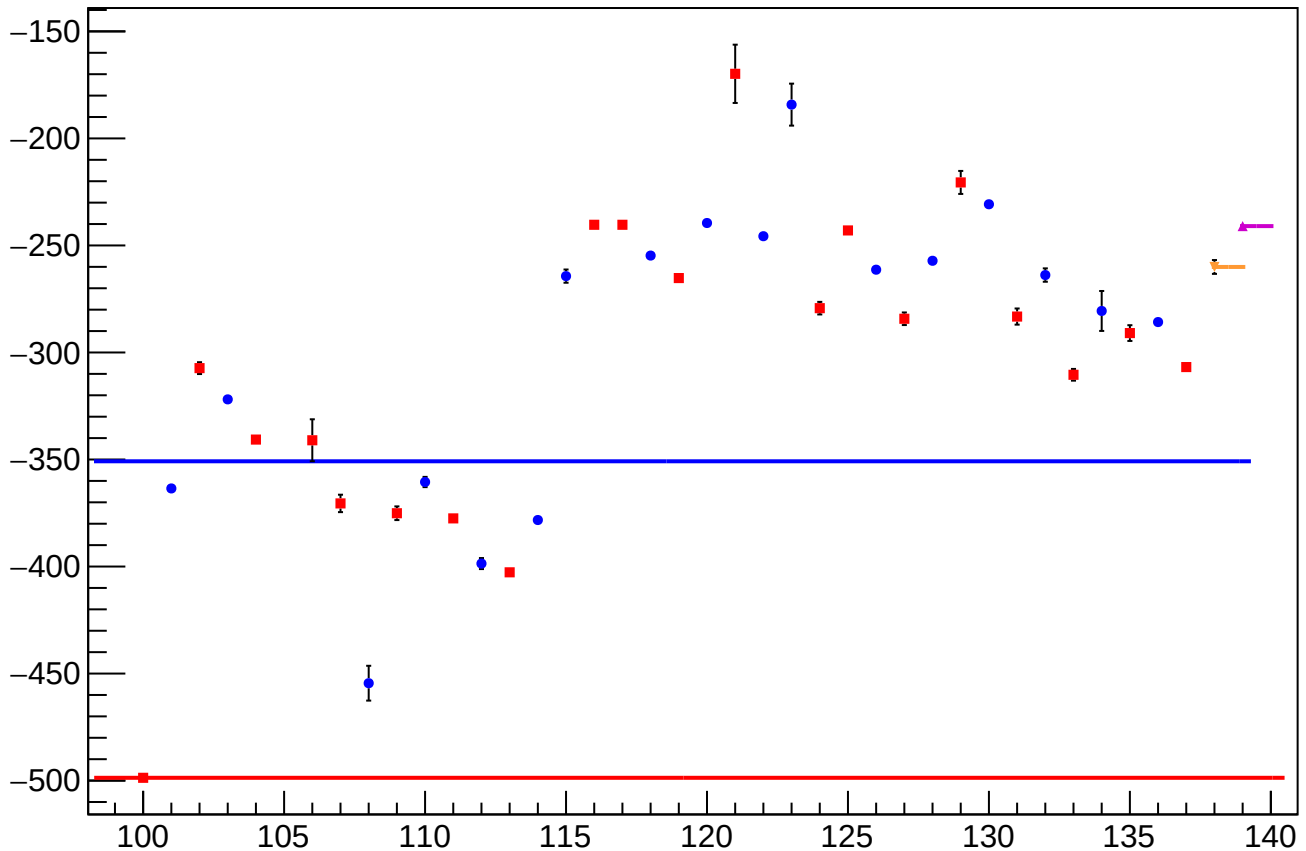
Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 44645.2/19

Left In: 25.619 $\pm$ 1.737 χ^2 /NDF:0.0/0

58.880 $\pm$ 0.000 χ^2 /NDF: 3840.4/17

95.846 $\pm$ 0.000 χ^2 /NDF: 46280.3/20

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -260.048 ± 3.230 χ^2/NDF : 0.0/0

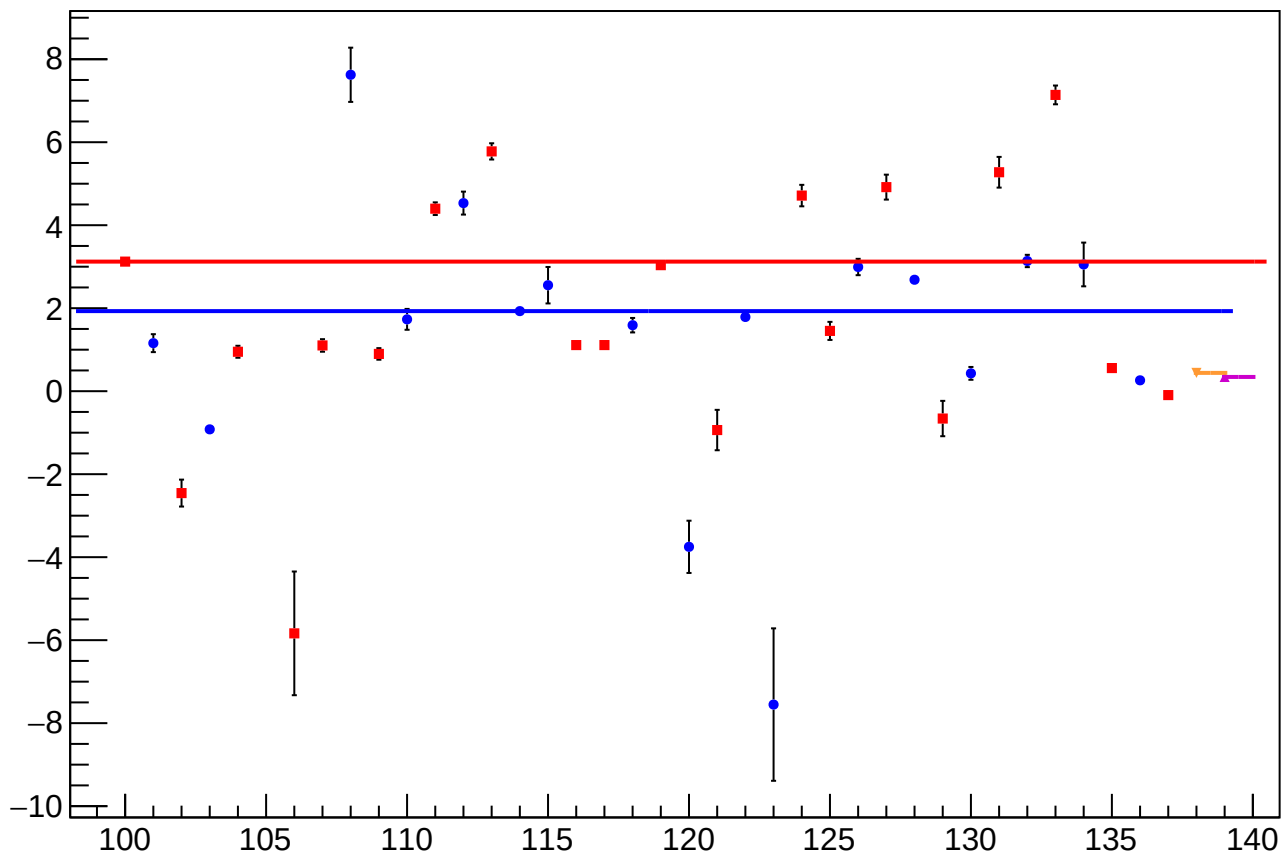
Right Out: -498.692 ± 0.000 χ^2/NDF : 572319.3/19

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 : 593642.4/20

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 59970.9/16

Left Out: 0.441 $\pm$ 0.020 χ^2 /NDF: 0.0/0

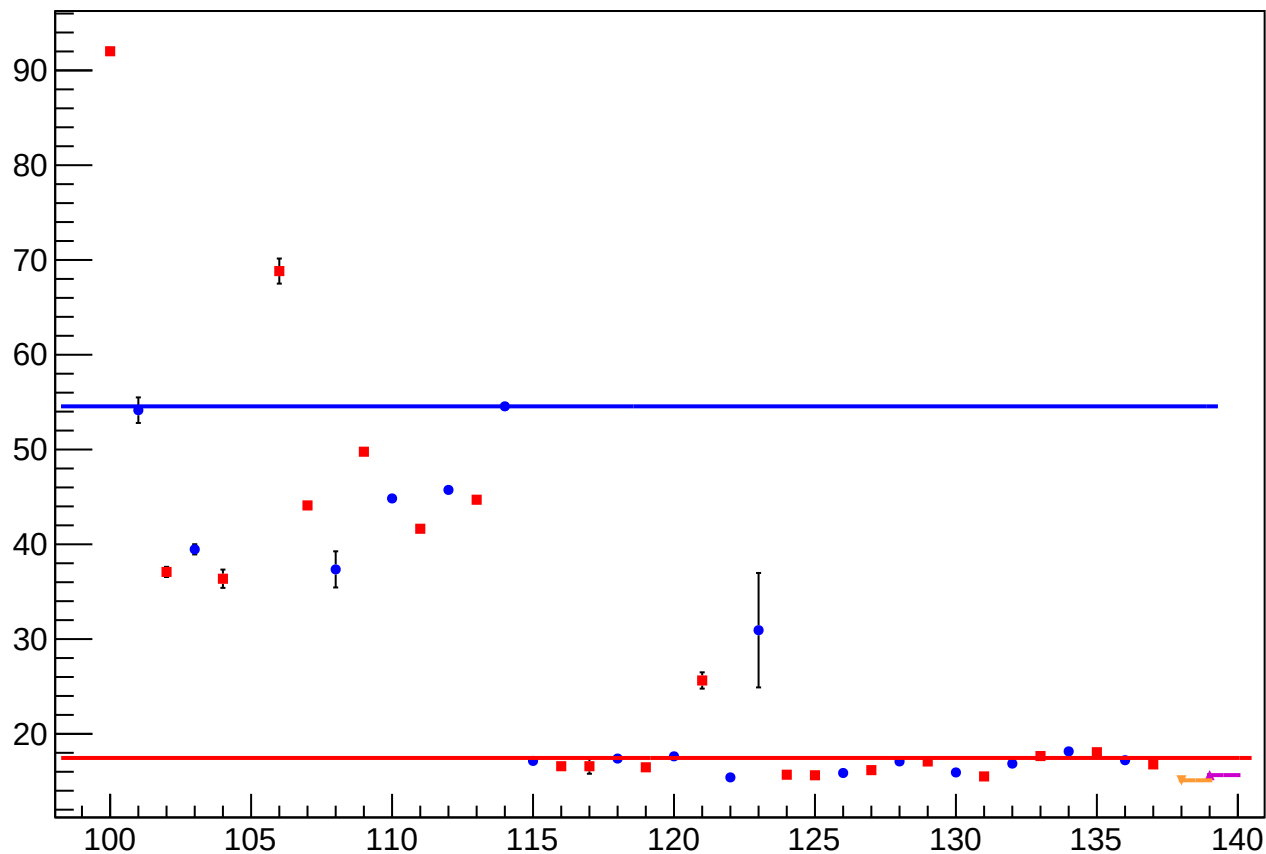
Right Out: 3.123 $\pm$ 0.000 χ^2 /NDF: 514000.0/19

Left In: 0.343 $\pm$ 0.016 χ^2 /NDF: 0.0/0

1.930 $\pm$ 0.000 χ^2 /NDF: 65754.6/17

3.123 $\pm$ 0.000 χ^2 /NDF: 546122.9/20

dit_sam2_4aY_slope vs Slug



Right In: 54.556 ± 0.000 χ^2/NDF : 7238433.0/16

Left Out: 15.100 ± 0.052 χ^2/NDF : 0.0/0

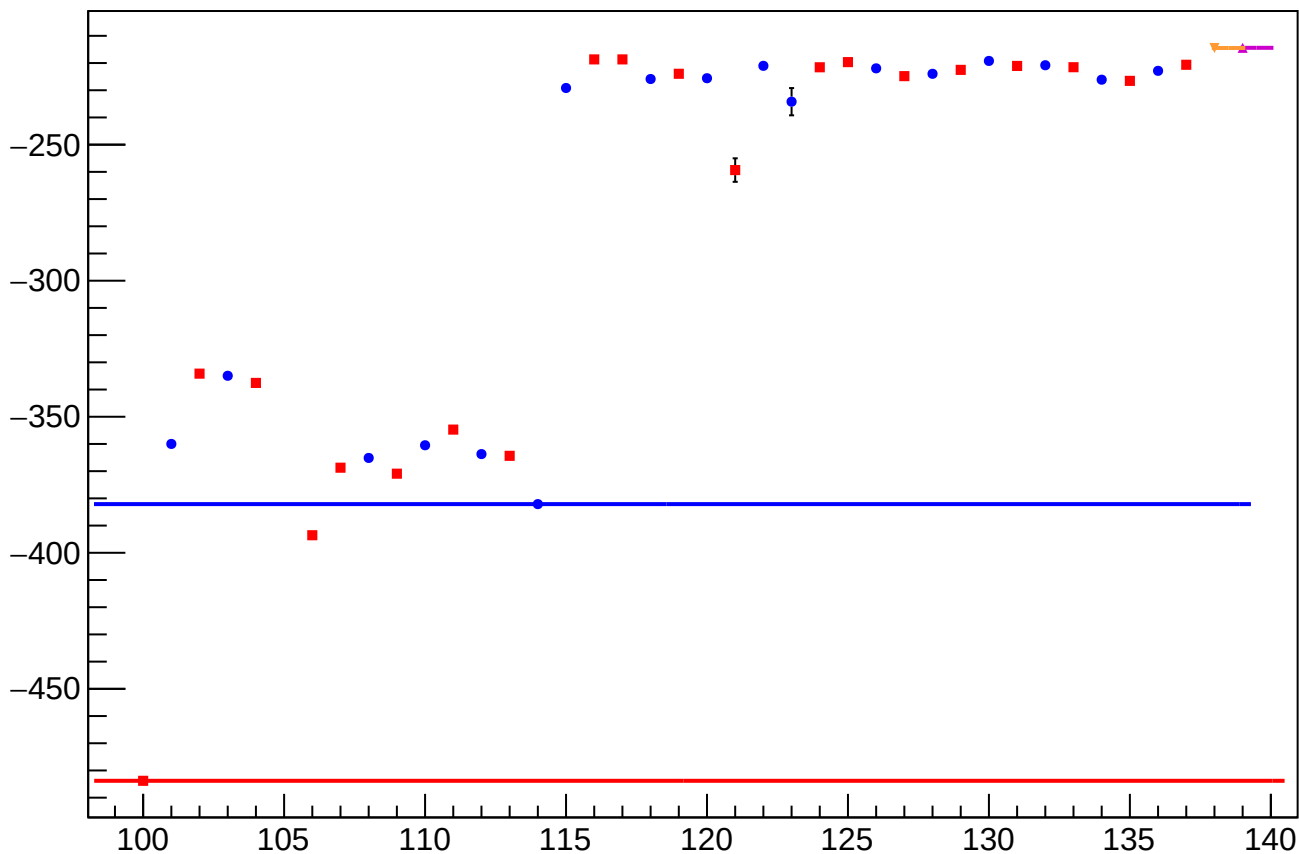
Right Out: 17.458 ± 0.018 χ^2/NDF : 99309.7/19

Left In: 15.648 ± 0.034 χ^2/NDF : 0.0/0

54.556 ± 0.000 χ^2/NDF : 7803469.0/17

17.052 ± 0.016 χ^2/NDF : 101510.2/20

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -214.471+/-0.098 χ^2/NDF : 0.0/0

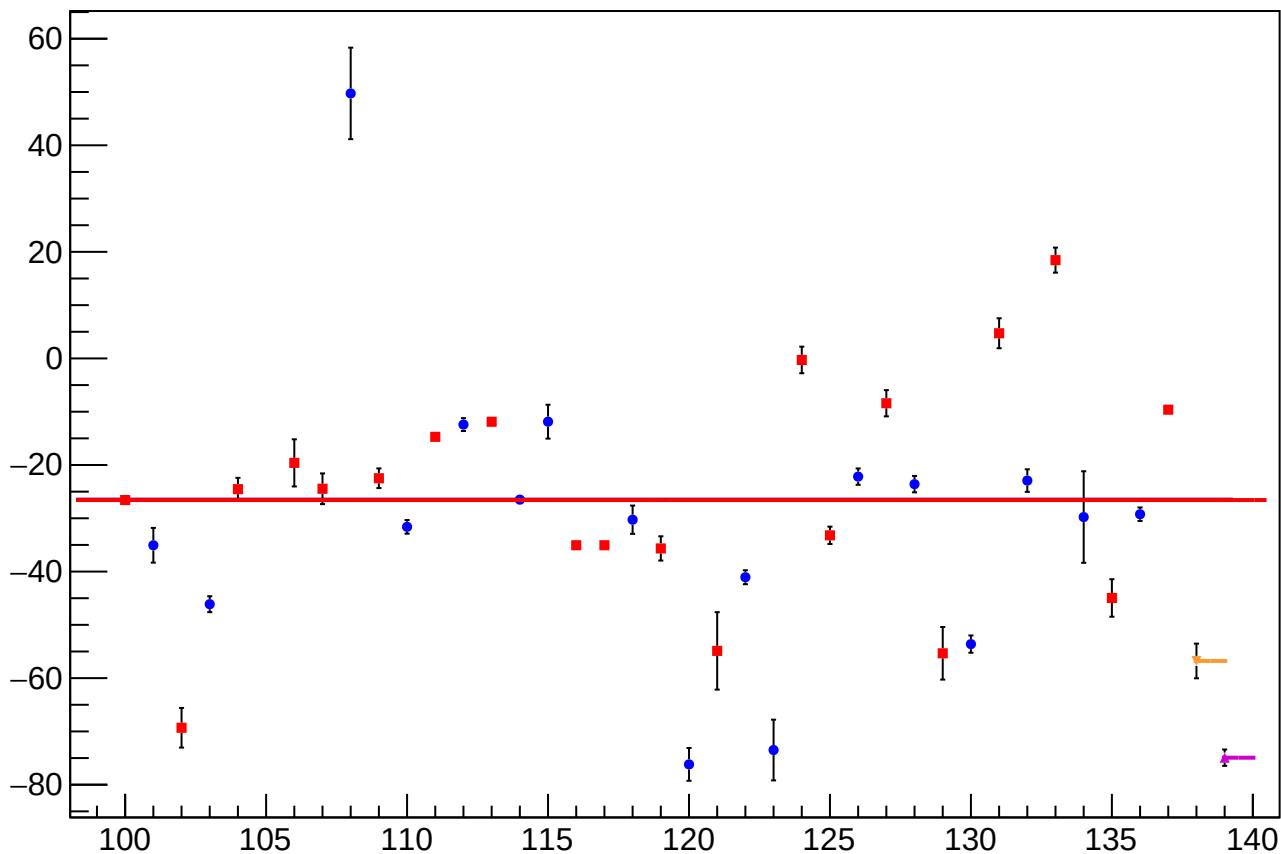
Right Out: -483.800+/-0.000 χ^2/NDF : 24385317.4/19

Left In: -214.405+/-0.052 χ^2/NDF : 0.0/0

-382.108+/-0.000 χ^2/NDF : 21338173.9/17

-483.800+/-0.000 χ^2/NDF : 51039895.8/20

dit_sam3_4aX_slope vs Slug



Right In: -26.504 $\pm$ 0.000 χ^2 /NDF: 1180.7/16

Left Out: -56.778 $\pm$ 3.254 χ^2 /NDF: 0.0/0

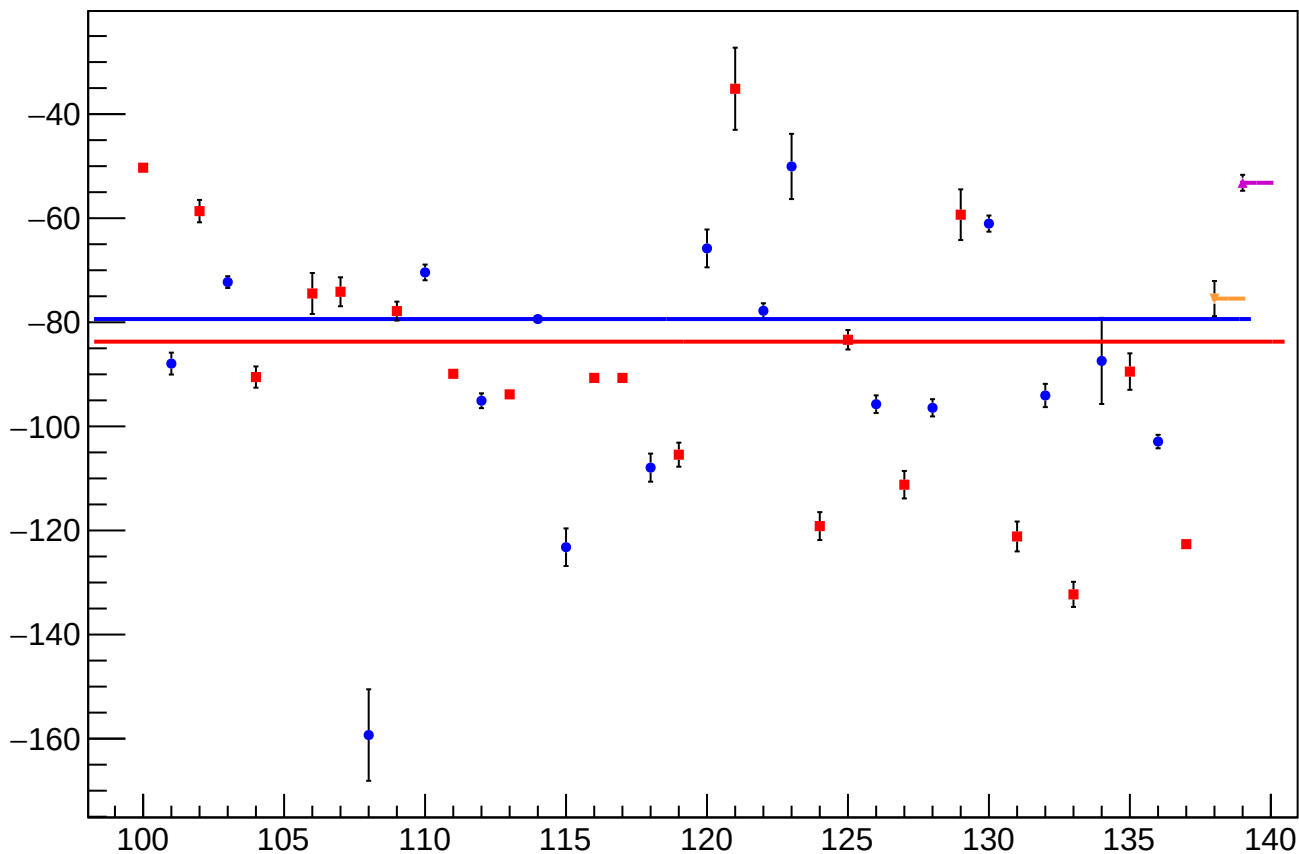
Right Out: -26.577 $\pm$ 0.000 χ^2 /NDF: 2754.8/19

Left In: -74.929 $\pm$ 1.536 χ^2 /NDF: 0.0/0

-26.504 $\pm$ 0.000 χ^2 /NDF: 1267.2/17

-26.577 $\pm$ 0.000 χ^2 /NDF: 3745.4/20

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -75.446 ± 3.384 χ^2/NDF : 0.0/0

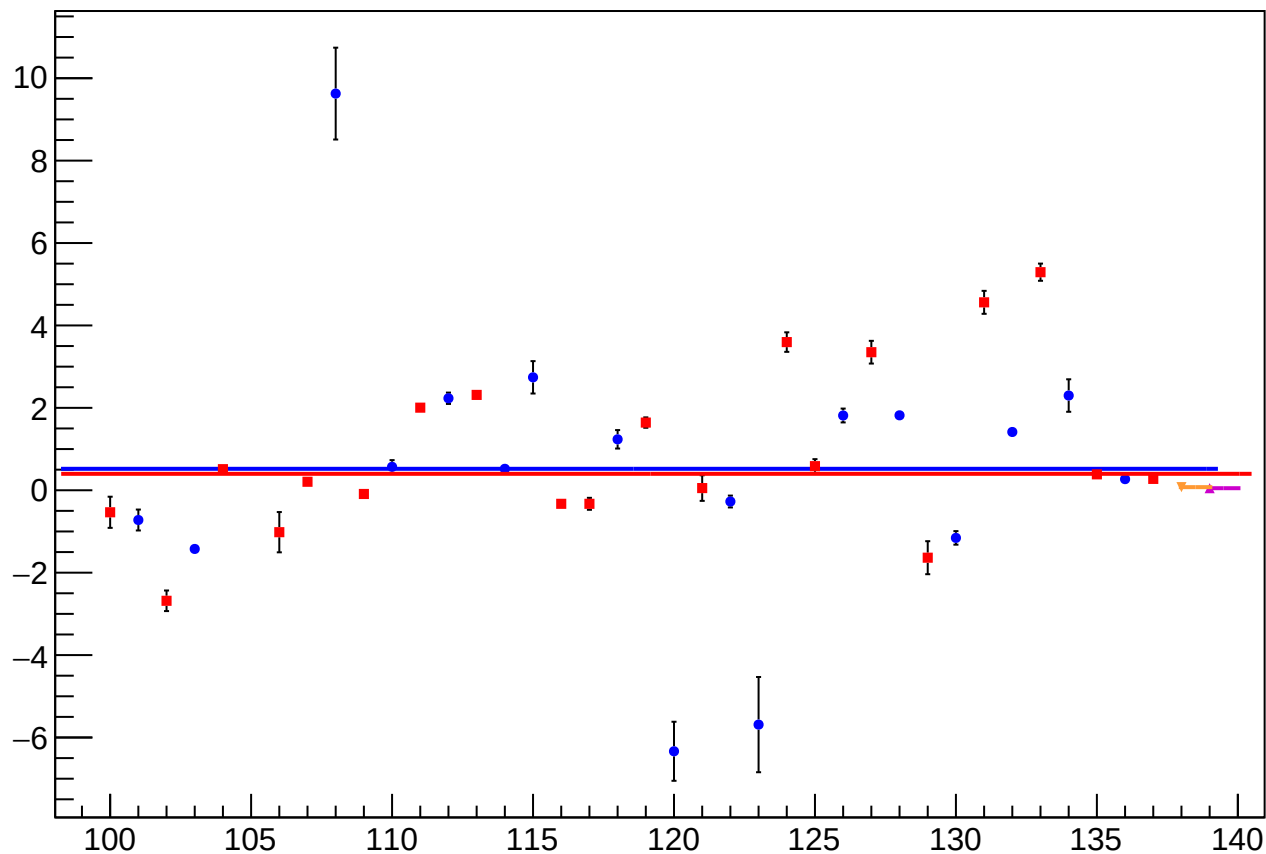
Right Out: -83.721 ± 0.171 χ^2/NDF : 12064.6/19

Left In: -53.196 ± 1.534 χ^2/NDF : 0.0/0

-79.376 ± 0.000 χ^2/NDF : 1306.0/17

-83.348 ± 0.170 χ^2/NDF : 12455.9/20

dit_sam3_11X12X_slope vs Slug



Right In: 0.521 ± 0.000 χ^2/NDF : 3370.8/16

Left Out: 0.076 ± 0.017 χ^2/NDF : 0.0/0

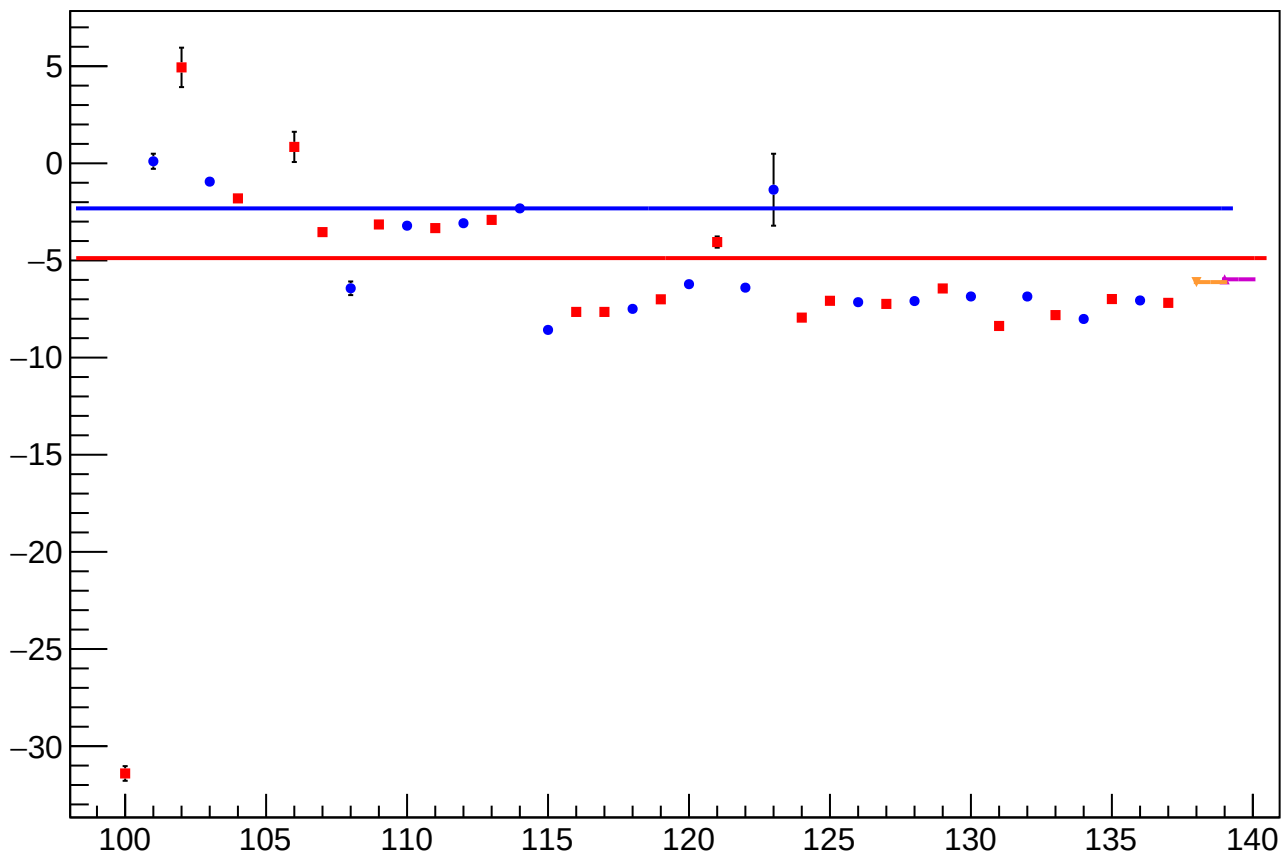
Right Out: 0.399 ± 0.011 χ^2/NDF : 2752.7/19

Left In: 0.050 ± 0.016 χ^2/NDF : 0.0/0

0.521 ± 0.000 χ^2/NDF : 4027.2/17

0.287 ± 0.009 χ^2/NDF : 3086.4/20

dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 χ^2/NDF : 270771.9/16

Left Out: -6.114 ± 0.037 χ^2/NDF : 0.0/0

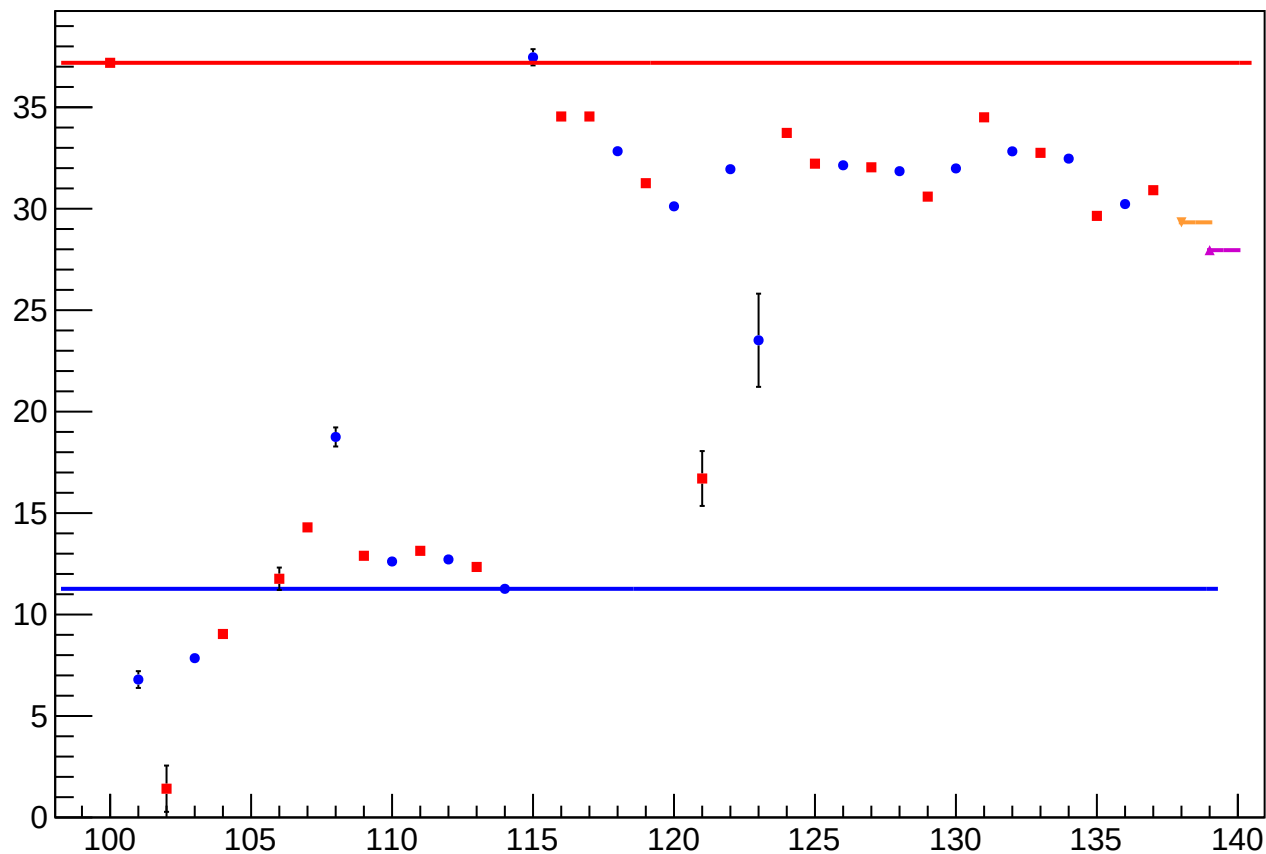
Right Out: -4.879 ± 0.010 χ^2/NDF : 49767.2/19

Left In: -5.971 ± 0.024 χ^2/NDF : 0.0/0

-2.320 ± 0.000 χ^2/NDF : 281058.6/17

-5.053 ± 0.009 χ^2/NDF : 51566.0/20

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF : 958029.3/16

Left Out: 29.329+/-0.106 χ^2/NDF : 0.0/0

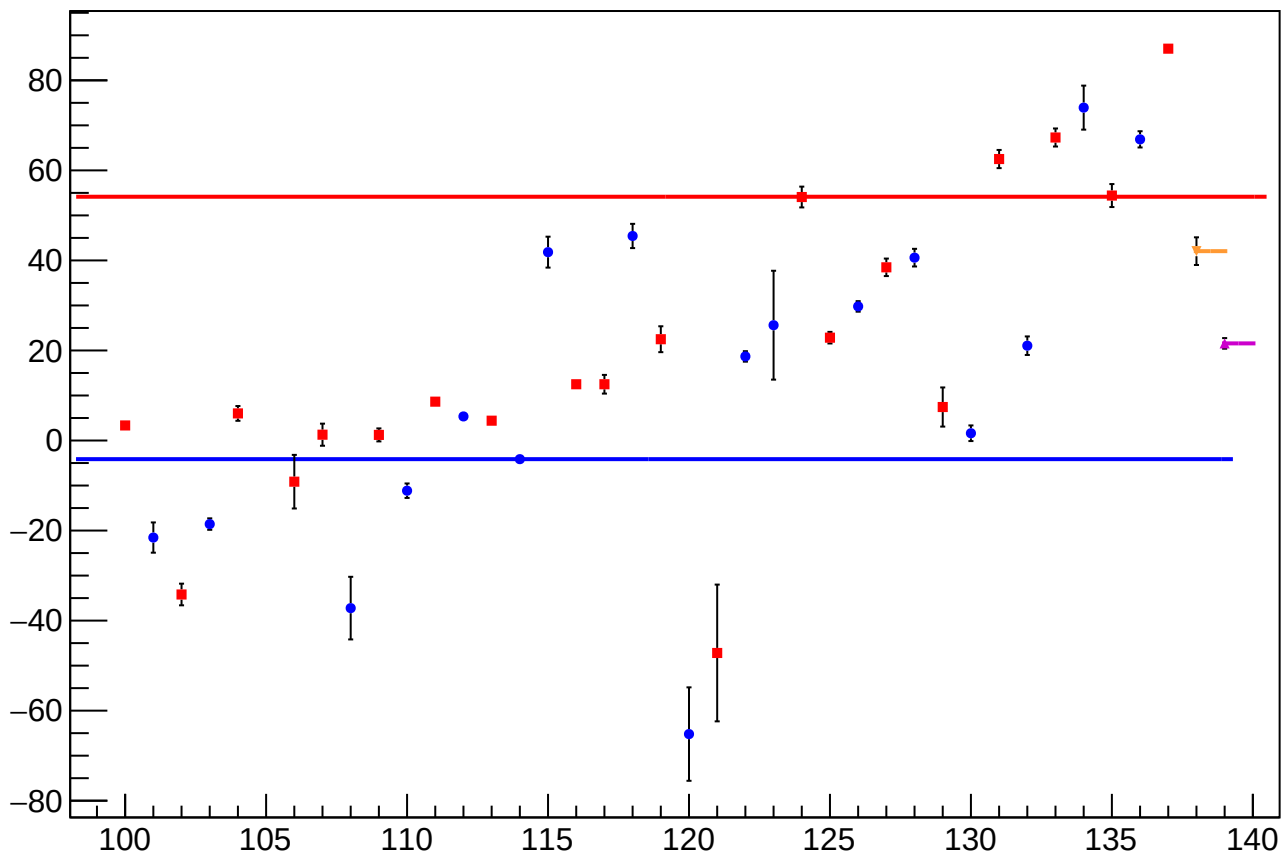
Right Out: 37.191+/-0.000 χ^2/NDF : 1122069.8/19

Left In: 27.958+/-0.053 χ^2/NDF : 0.0/0

11.268+/-0.000 χ^2/NDF : 987268.5/17

37.191+/-0.000 χ^2/NDF : 1152212.7/20

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2 /NDF: 4654.2/16

Left Out: 42.059+/-3.073 χ^2 /NDF:0.0/0

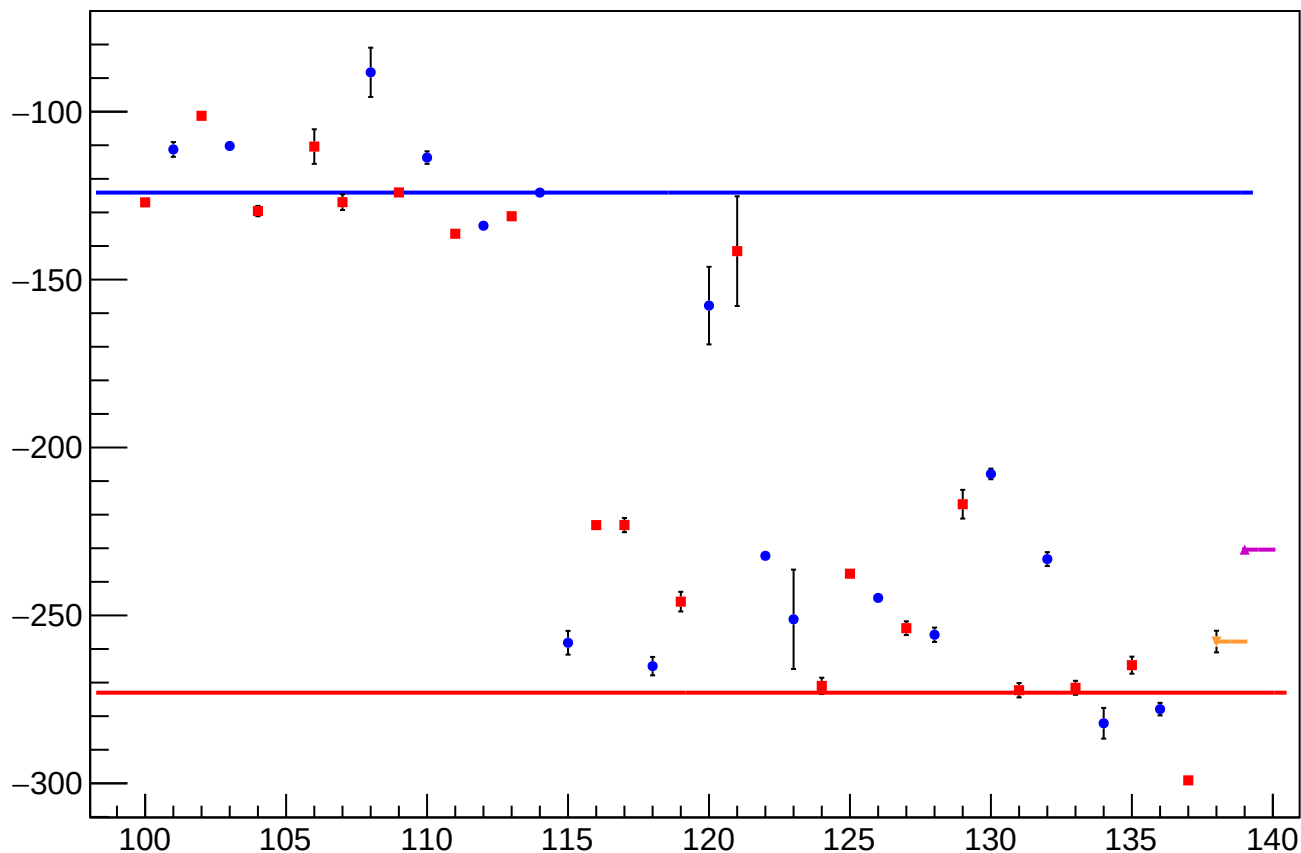
Right Out: 54.147+/-0.170 χ^2 /NDF: 54404.1/19

Left In: 21.573+/-1.176 χ^2 /NDF:0.0/0

-4.139+/-0.000 χ^2 /NDF: 4880.3/17

53.482+/-0.168 χ^2 /NDF: 55155.7/20

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF : 38152.5/16

Left Out: -257.784+/-3.219 χ^2/NDF : 0.0/0

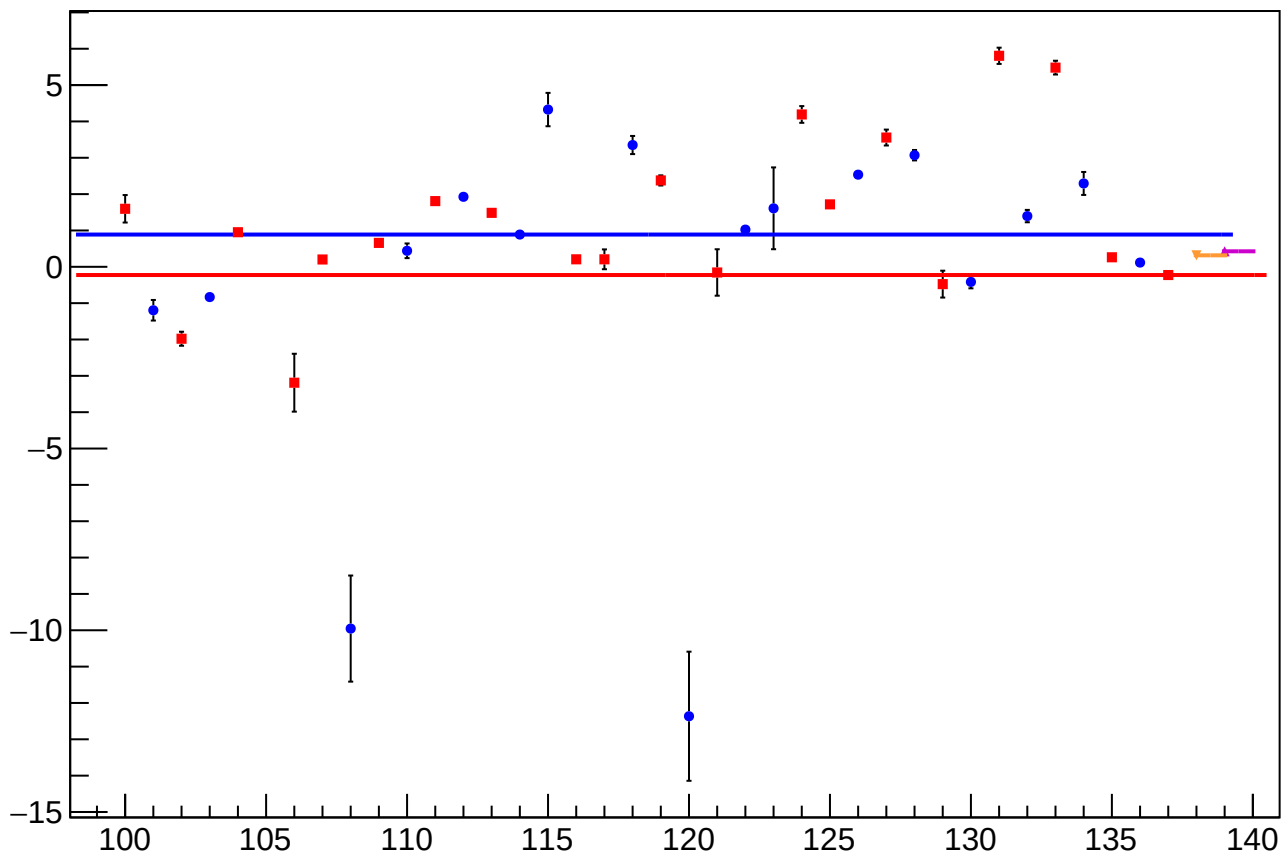
Right Out: -273.002+/-0.113 χ^2/NDF : 280698.3/19

Left In: -230.408+/-1.138 χ^2/NDF : 0.0/0

-124.095+/-0.000 χ^2/NDF : 39877.3/17

-272.589+/-0.112 χ^2/NDF : 282086.6/20

dit_sam4_11X12X_slope vs Slug



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

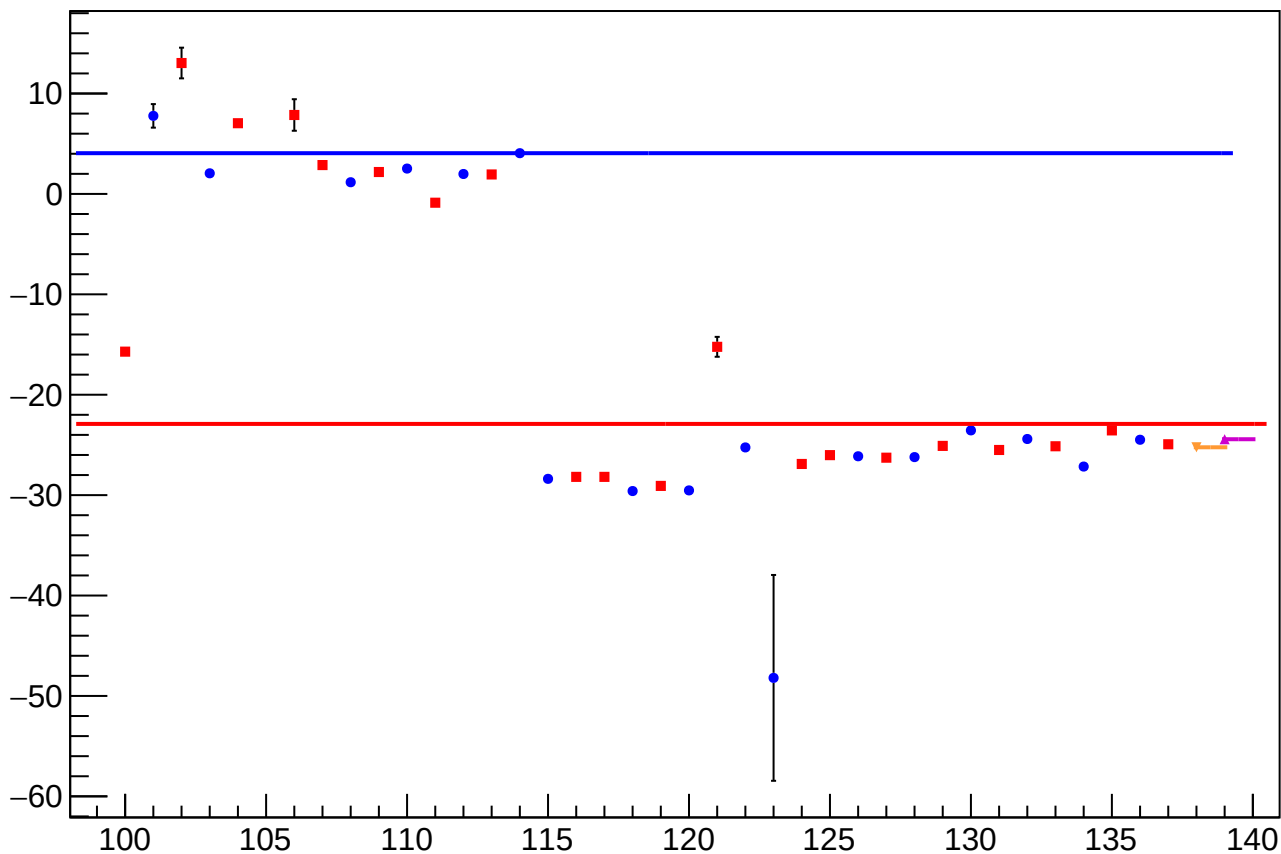
Right Out: -0.226 $\pm$ 0.000 χ^2 /NDF: 5033.6/19

Left In: 0.427 $\pm$ 0.020 χ^2 /NDF: 0.0/0

0.888 $\pm$ 0.000 χ^2 /NDF: 10376.1/17

-0.226 $\pm$ 0.000 χ^2 /NDF: 6057.9/20

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -25.235+/-0.093 χ^2/NDF : 0.0/0

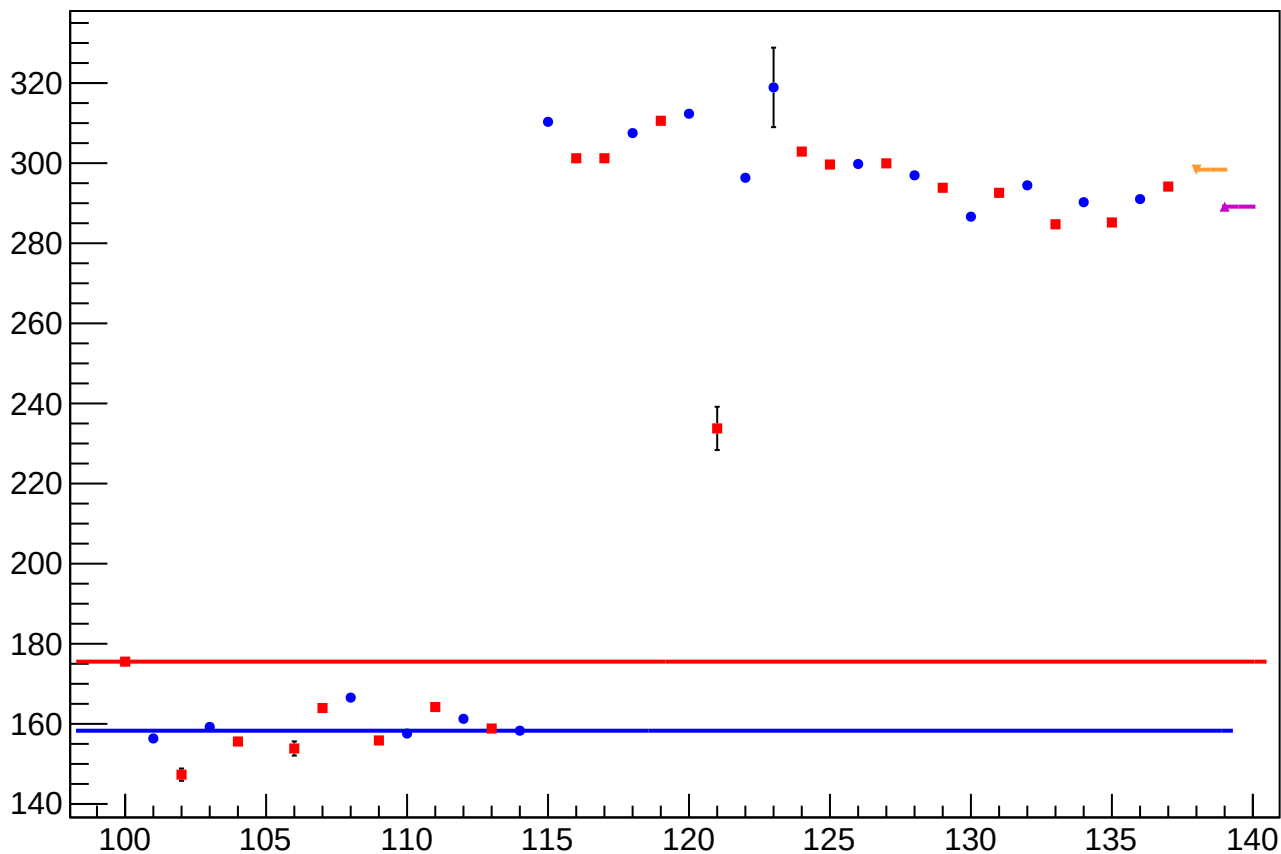
Right Out: -22.907+/-0.026 χ^2/NDF : 116676.9/19

Left In: -24.432+/-0.101 χ^2/NDF : 0.0/0

4.057+/-0.000 χ^2/NDF : 1347812.7/17

-23.003+/-0.025 χ^2/NDF : 116889.6/20

dit_sam4_4eY_slope vs Slug



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

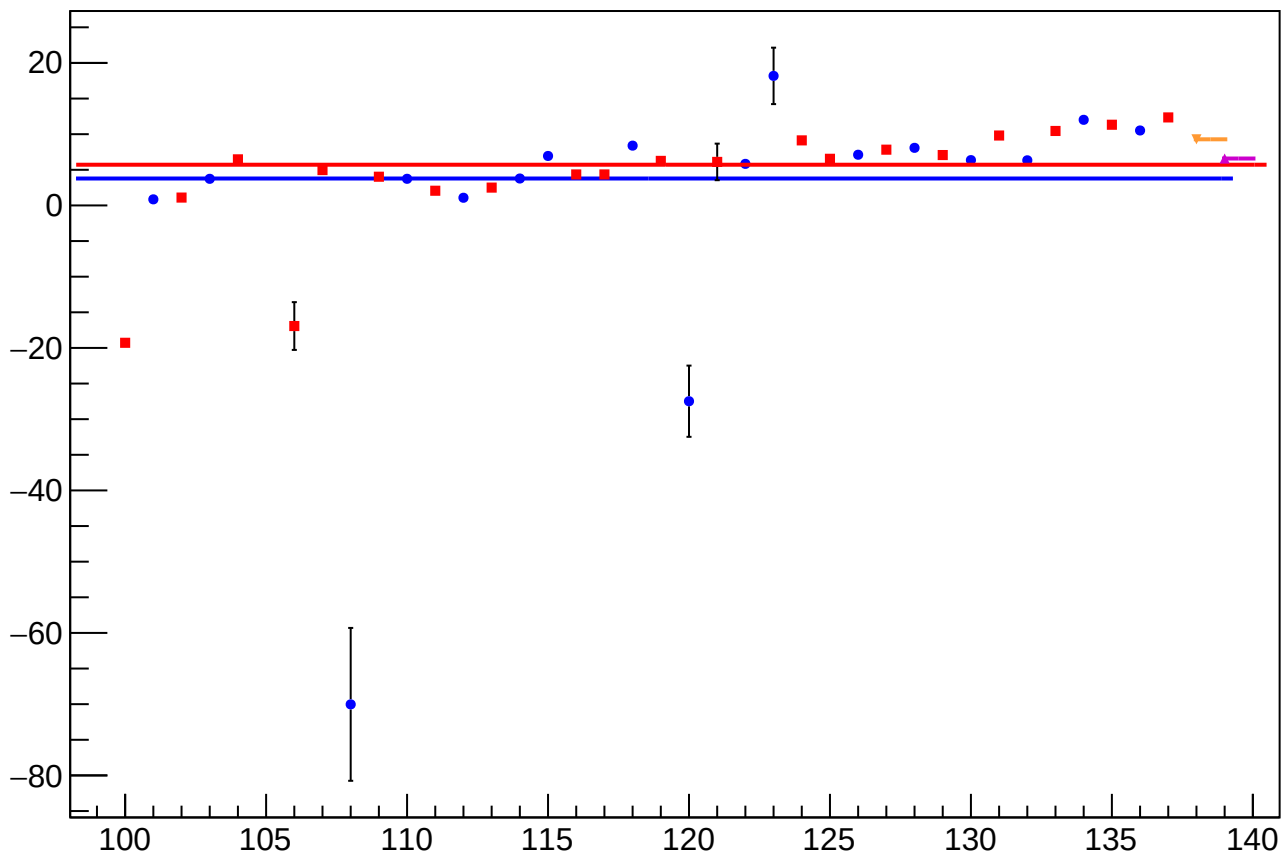
Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2132280.4/19

Left In: 289.139 $\pm$ 0.264 χ^2 /NDF: 0.0/0

158.293 $\pm$ 0.000 χ^2 /NDF: 2881858.1/17

175.536 $\pm$ 0.000 χ^2 /NDF: 2317254.0/20

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 $\chi^2/\text{NDF}: 6871.4/16$

Left Out: 9.280 ± 0.324 $\chi^2/\text{NDF}: 0.0/0$

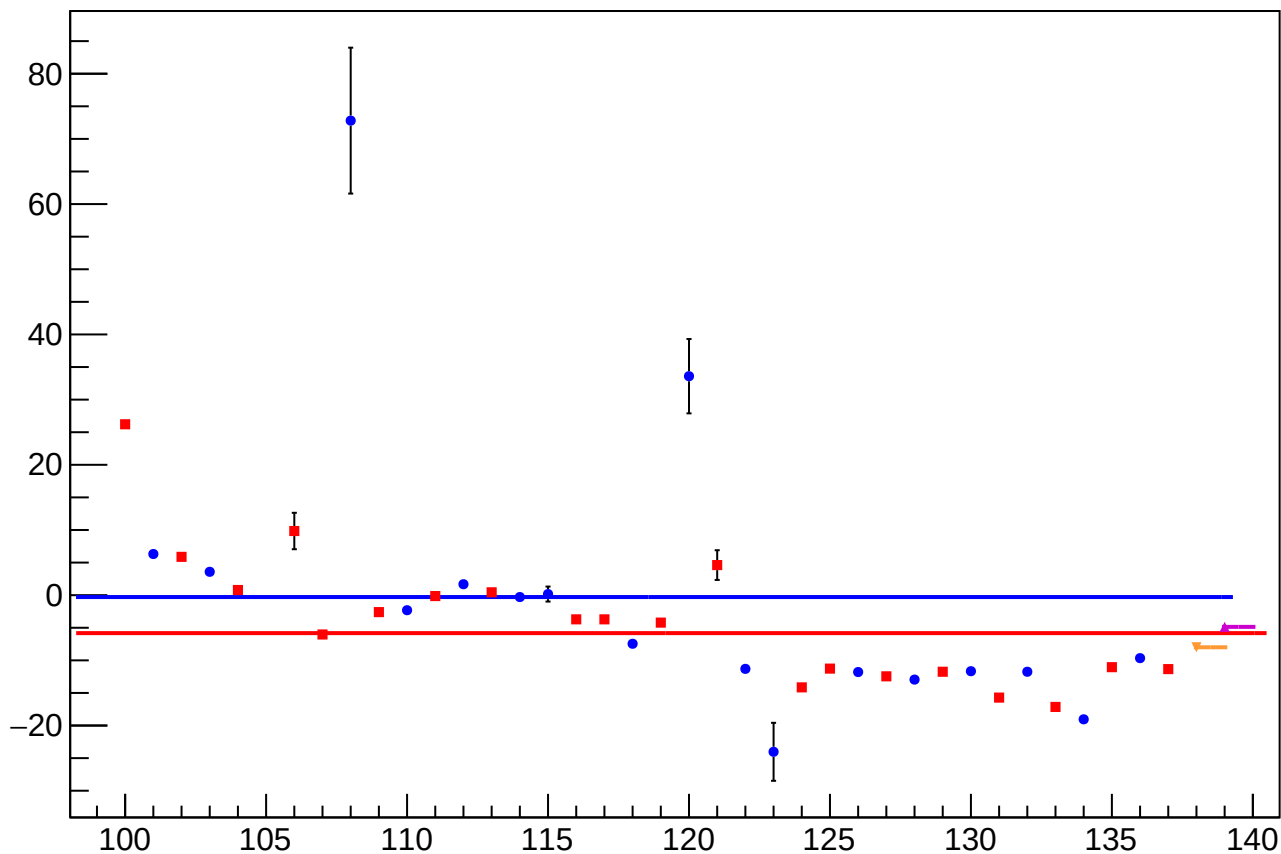
Right Out: 5.713 ± 0.025 $\chi^2/\text{NDF}: 22382.6/19$

Left In: 6.584 ± 0.153 $\chi^2/\text{NDF}: 0.0/0$

3.778 ± 0.000 $\chi^2/\text{NDF}: 7159.7/17$

5.736 ± 0.025 $\chi^2/\text{NDF}: 22414.2/20$

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2 /NDF: 44276.5/16

Left Out: -7.994+/-0.337 χ^2 /NDF:0.0/0

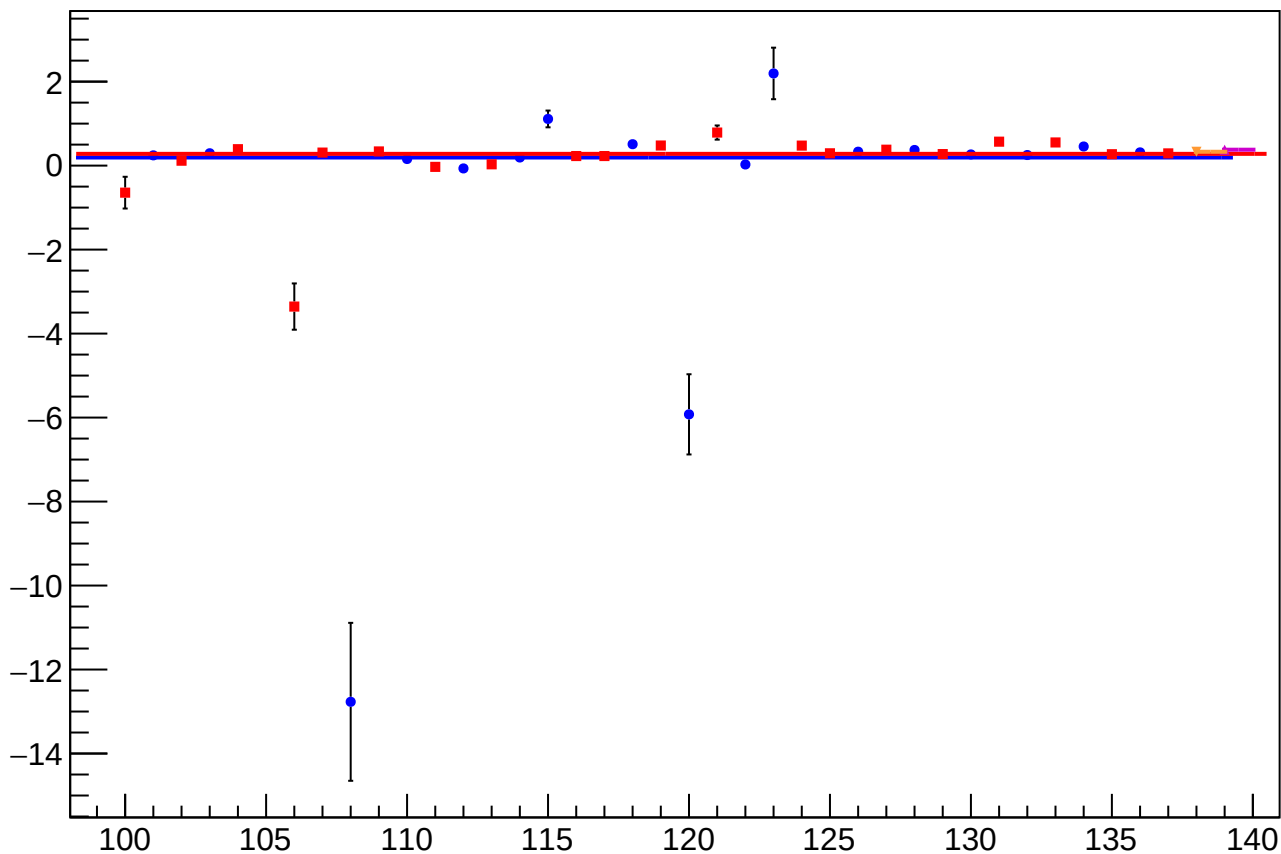
Right Out: -5.821+/-0.027 χ^2 /NDF: 63671.7/19

Left In: -4.863+/-0.163 χ^2 /NDF:0.0/0

-0.287+/-0.000 χ^2 /NDF: 44800.4/17

-5.796+/-0.026 χ^2 /NDF: 63705.3/20

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.330+/-0.002 χ^2/NDF : 0.0/0

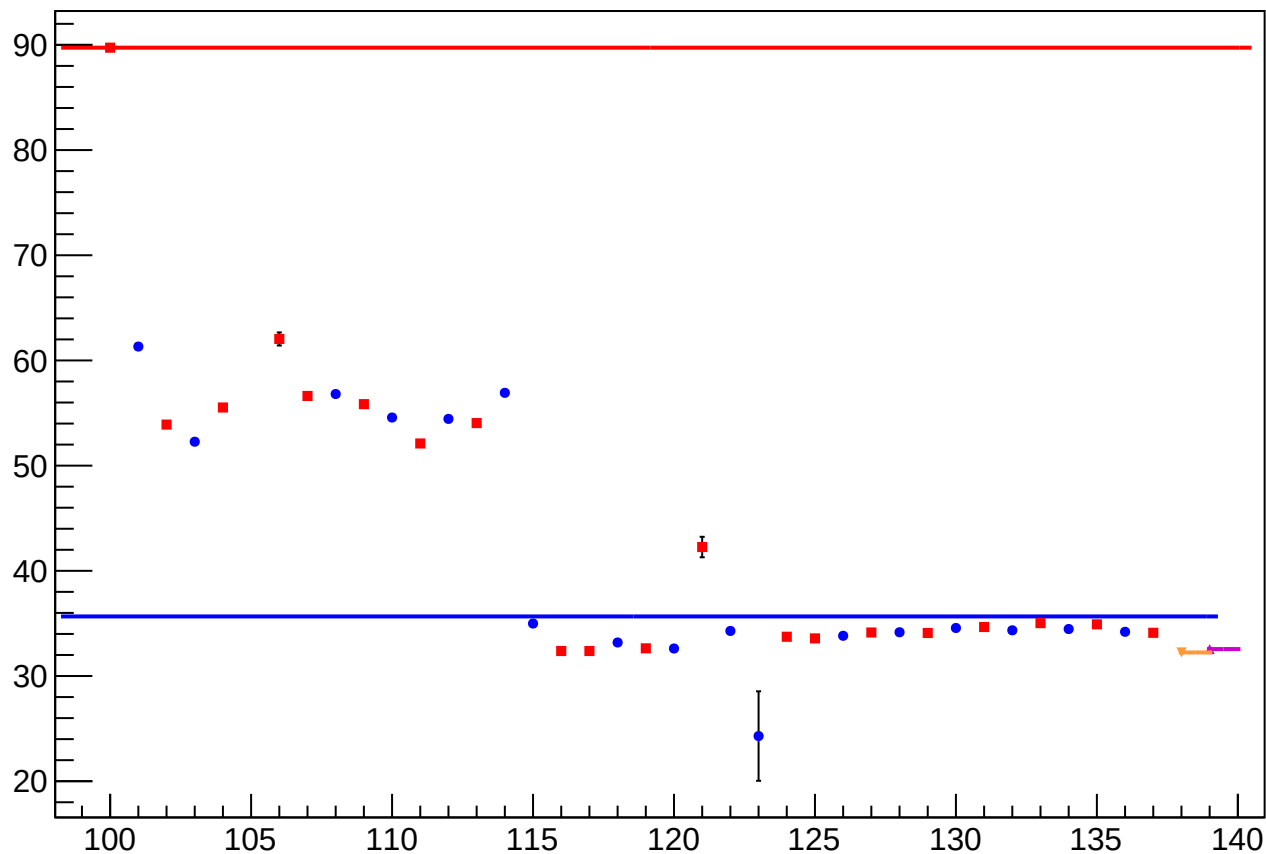
Right Out: 0.280+/-0.001 χ^2/NDF : 6070.3/19

Left In: 0.379+/-0.011 χ^2/NDF : 0.0/0

0.193+/-0.000 χ^2/NDF : 16544.7/17

0.282+/-0.001 χ^2/NDF : 6156.9/20

dit_sam5_4aY_slope vs Slug



Right In: 35.664+/-0.011 χ^2/NDF : 218662.5/16

Left Out: 32.241+/-0.024 χ^2/NDF : 0.0/0

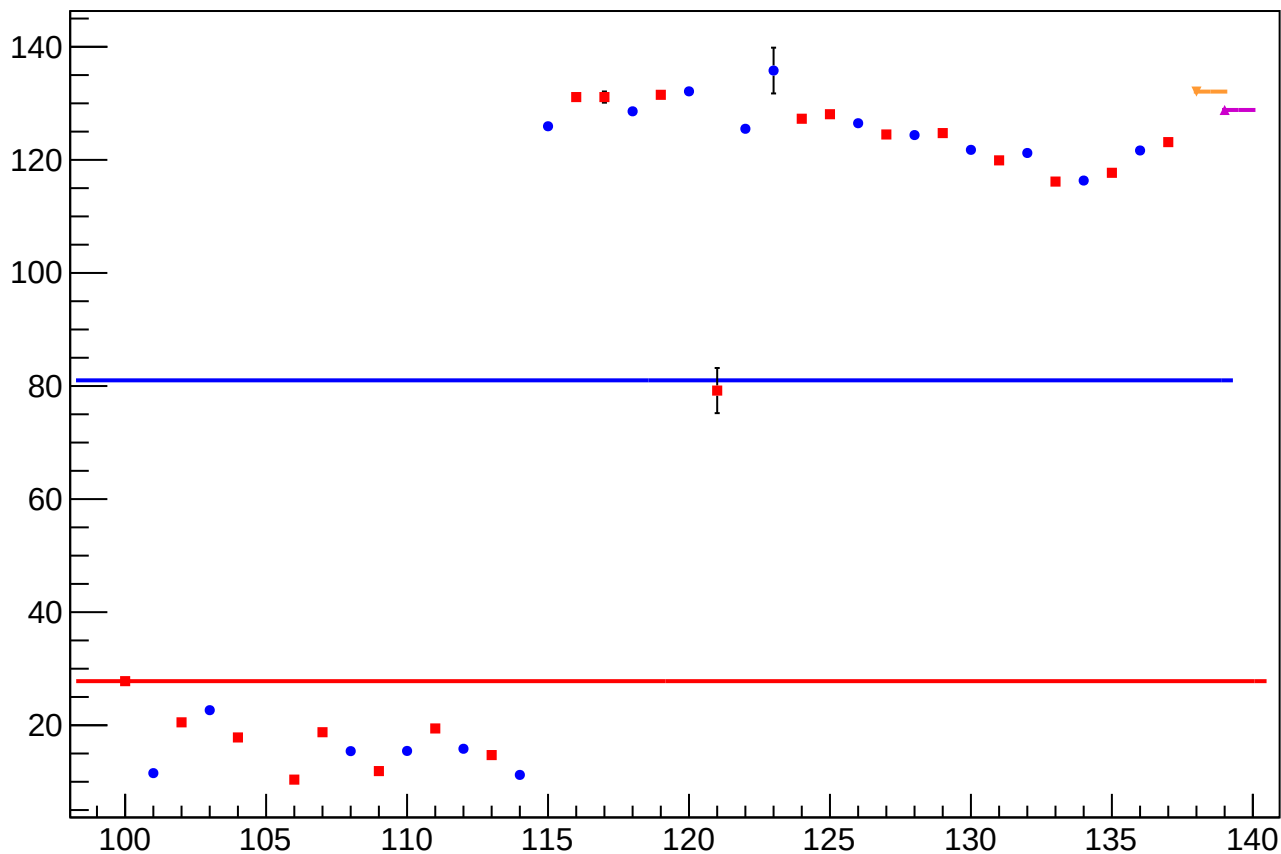
Right Out: 89.735+/-0.000 χ^2/NDF : 25816138.7/19

Left In: 32.563+/-0.033 χ^2/NDF : 0.0/0

35.050+/-0.010 χ^2/NDF : 234931.7/17

89.735+/-0.000 χ^2/NDF : 28840621.7/20

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF : 2228881.4/16

Left Out: 132.079+/-0.073 χ^2/NDF : 0.0/0

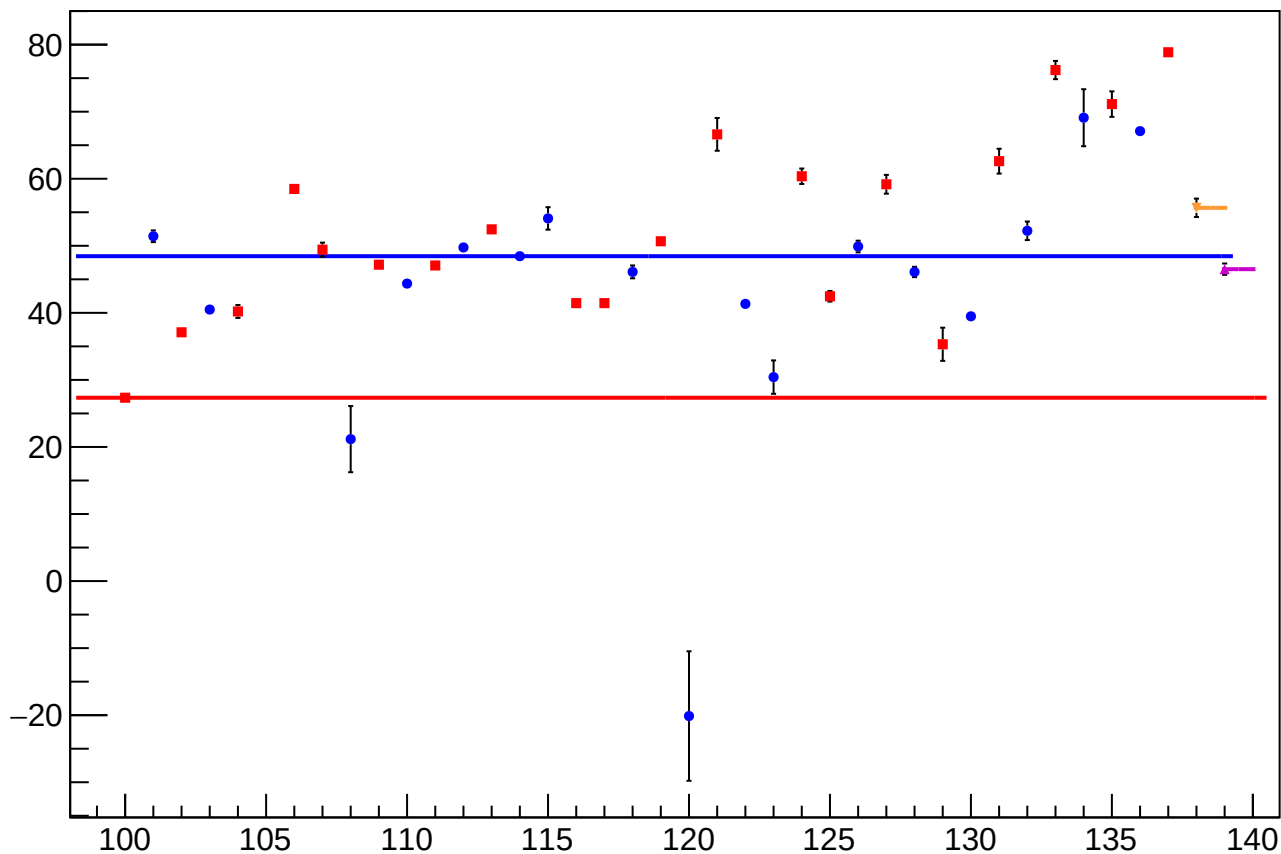
Right Out: 27.798+/-0.000 χ^2/NDF : 9194619.1/19

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 : 10057662.0/20

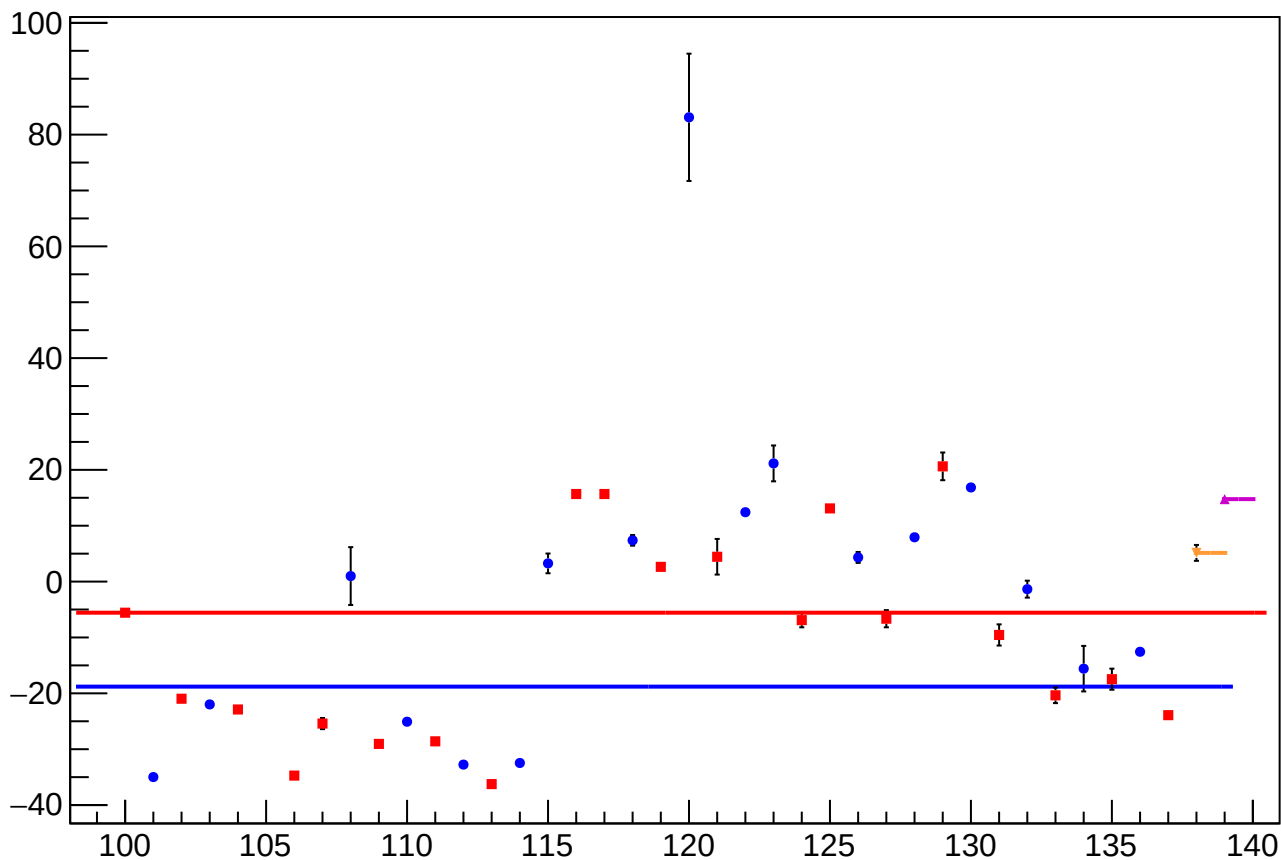
dit_sam6_4aX_slope vs Slug



48.450 ± 0.000 $\chi^2/\text{NDF}: 2778.9/17$

27.342 ± 0.000 $\chi^2/\text{NDF}: 26845.5/20$

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: 5.139 ± 1.421 χ^2/NDF : 0.0/0

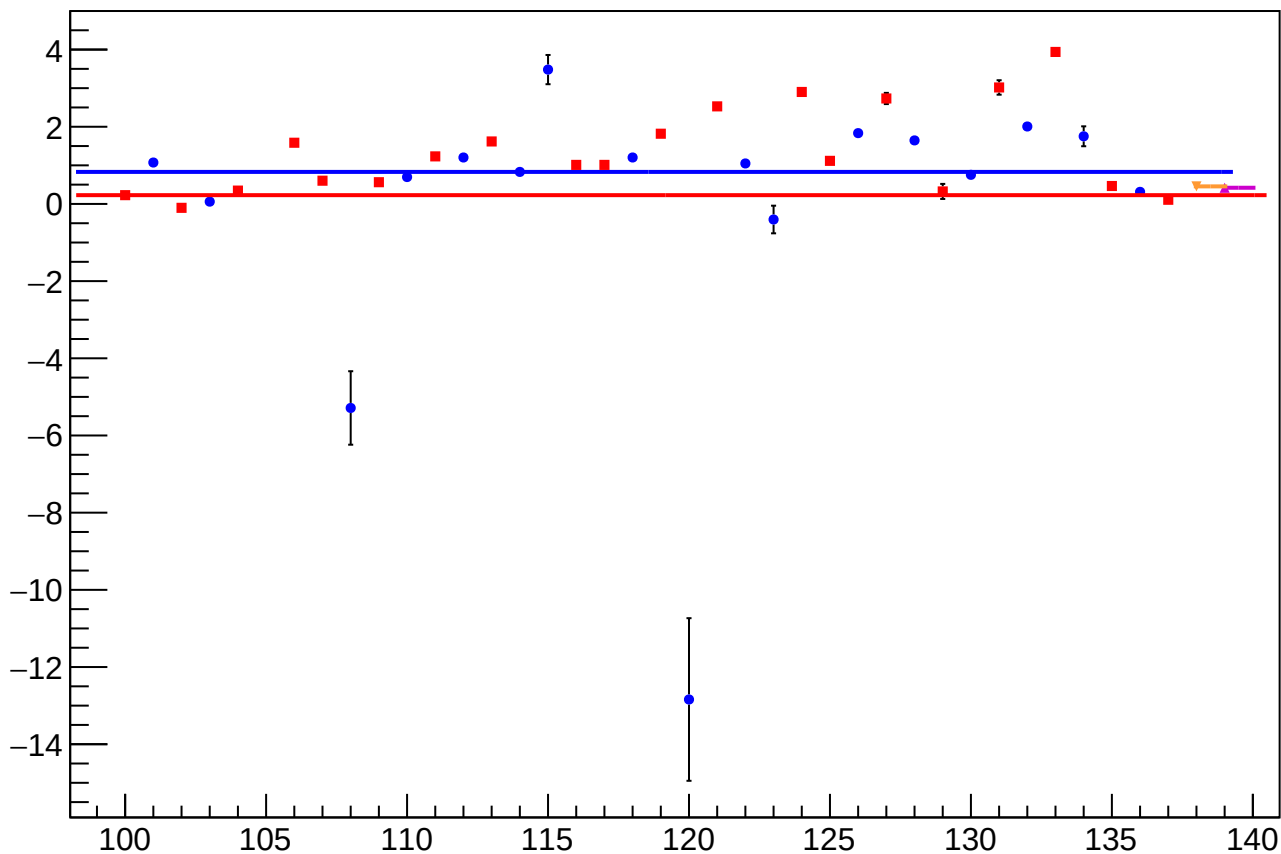
Right Out: -5.568 ± 0.000 χ^2/NDF : 24057.5/19

Left In: 14.761 ± 0.861 χ^2/NDF : 0.0/0

-18.541 ± 0.148 χ^2/NDF : 12045.4/17

-5.568 ± 0.000 χ^2/NDF : 24614.4/20

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 14882.7/16$

Left Out: 0.455 ± 0.008 $\chi^2/\text{NDF}: 0.0/0$

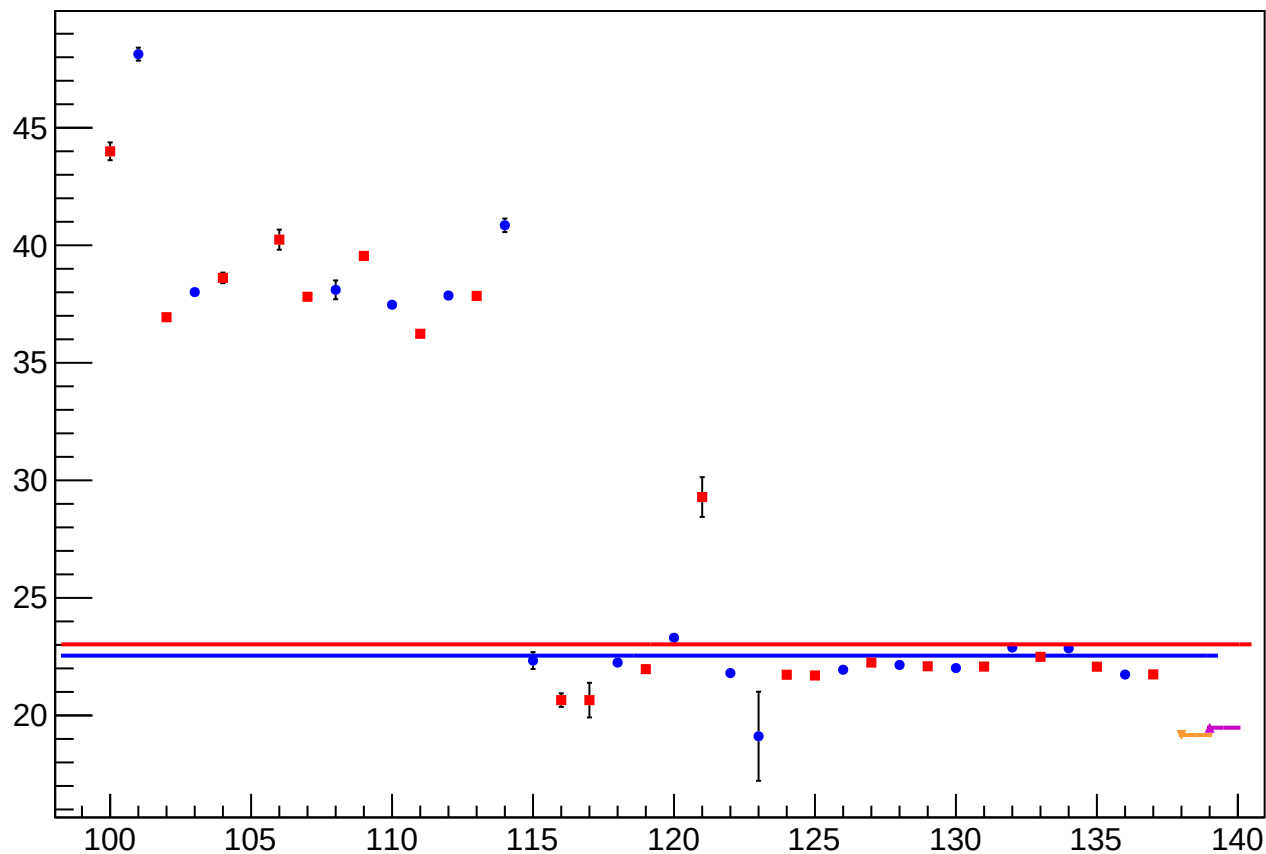
Right Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 12548.7/19$

Left In: 0.419 ± 0.009 $\chi^2/\text{NDF}: 0.0/0$

0.830 ± 0.000 $\chi^2/\text{NDF}: 16877.0/17$

0.227 ± 0.000 $\chi^2/\text{NDF}: 12976.9/20$

dit_sam6_4aY_slope vs Slug



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

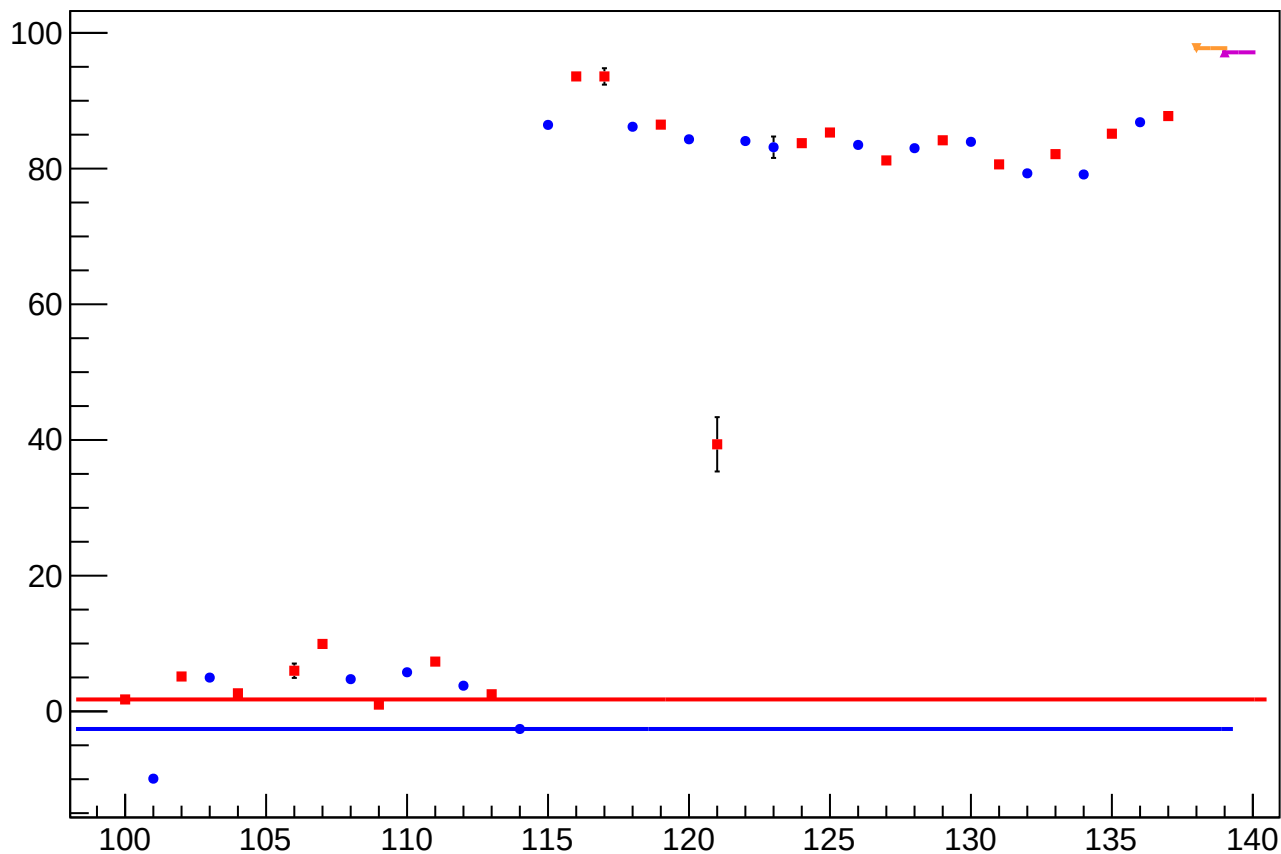
Right Out: 23.022 $\pm$ 0.009 χ^2 /NDF: 165848.3/19

Left In: 19.477 $\pm$ 0.027 χ^2 /NDF: 0.0/0

22.336 $\pm$ 0.009 χ^2 /NDF: 113504.8/17

22.658 $\pm$ 0.009 χ^2 /NDF: 181619.6/20

dit_sam6_4eY_slope vs Slug



Right In: -2.596 $\pm$ 0.000 χ^2 /NDF: 7395182.7/16

Left Out: 97.749+/-0.074 χ^2/NDF :0.0/0

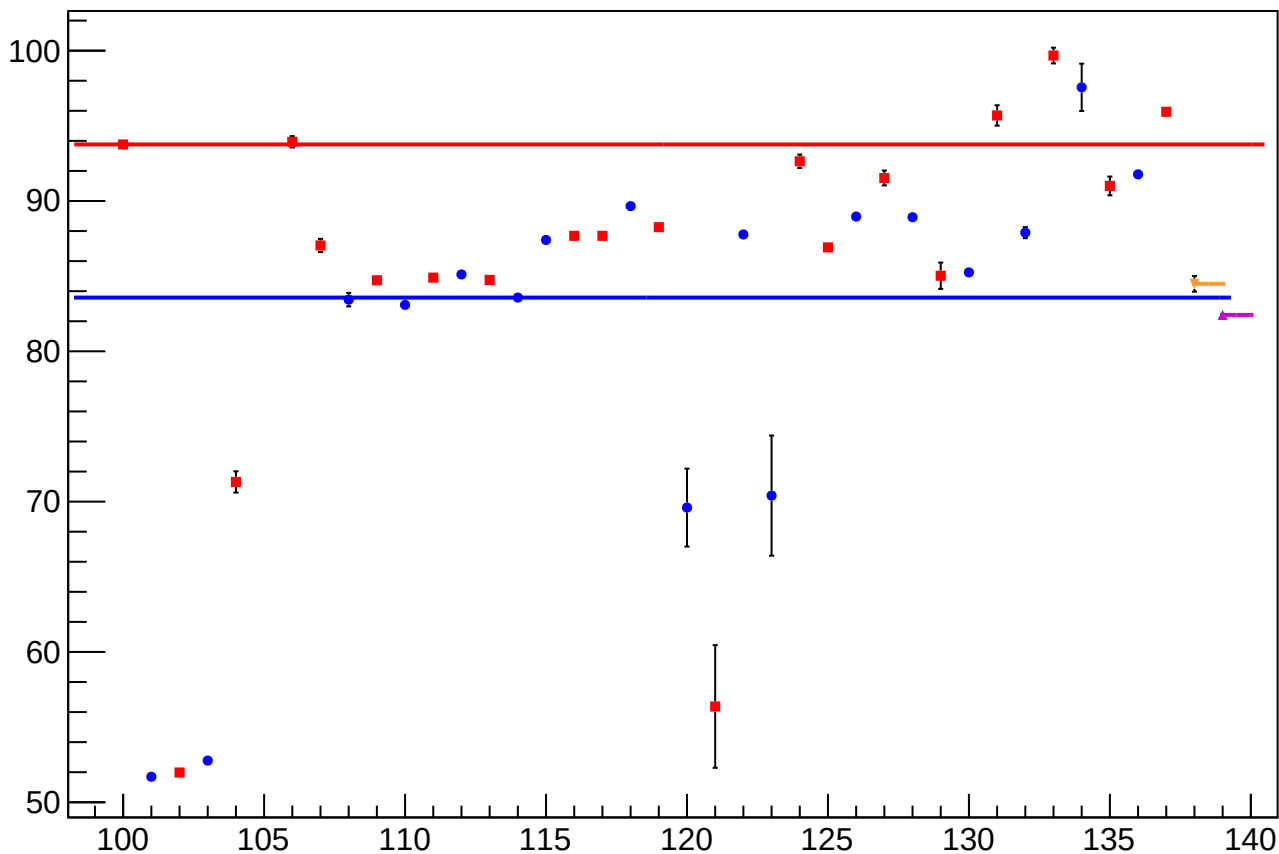
Right Out: 1.758+/-0.000 χ^2/NDF : 4236707.9/19

Left In: 97.135+/-0.040 χ^2/NDF :0.0/0

-2.596+/-0.000 χ^2/NDF : 9238867.7/17

1.758+/-0.000 χ^2/NDF : 9956804.9/20

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF : 49468.0/16

Left Out: 84.491+/-0.522 χ^2/NDF : 0.0/0

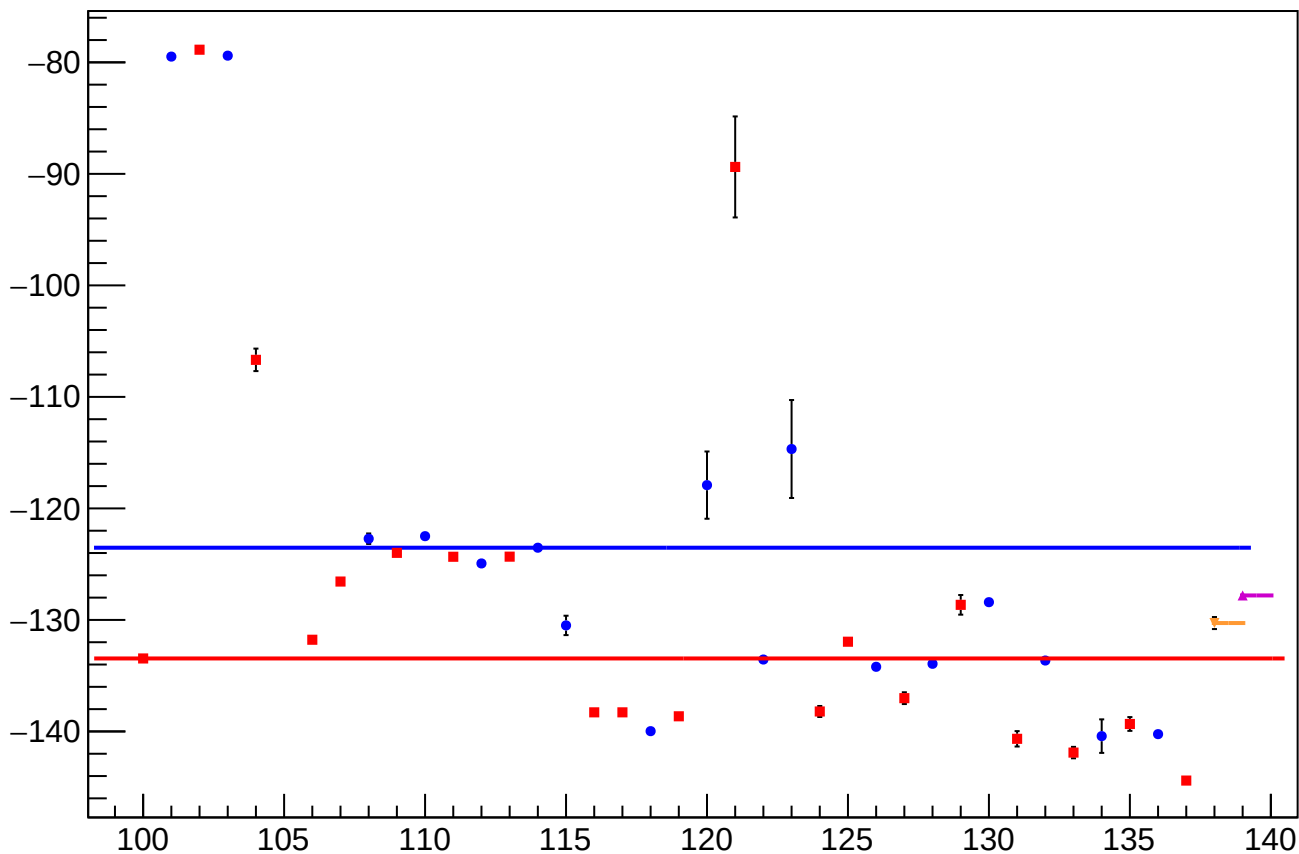
Right Out: 93.762+/-0.000 χ^2/NDF : 85273.0/19

Left In: 82.422+/-0.286 χ^2/NDF : 0.0/0

83.573+/-0.000 χ^2/NDF : 49471.1/17

93.762+/-0.000 χ^2/NDF : 86845.6/20

dit_sam7_4eX_slope vs Slug



Right In: -123.524 ± 0.000 χ^2/NDF : 160356.5/16

Left Out: -130.279 ± 0.540 χ^2/NDF : 0.0/0

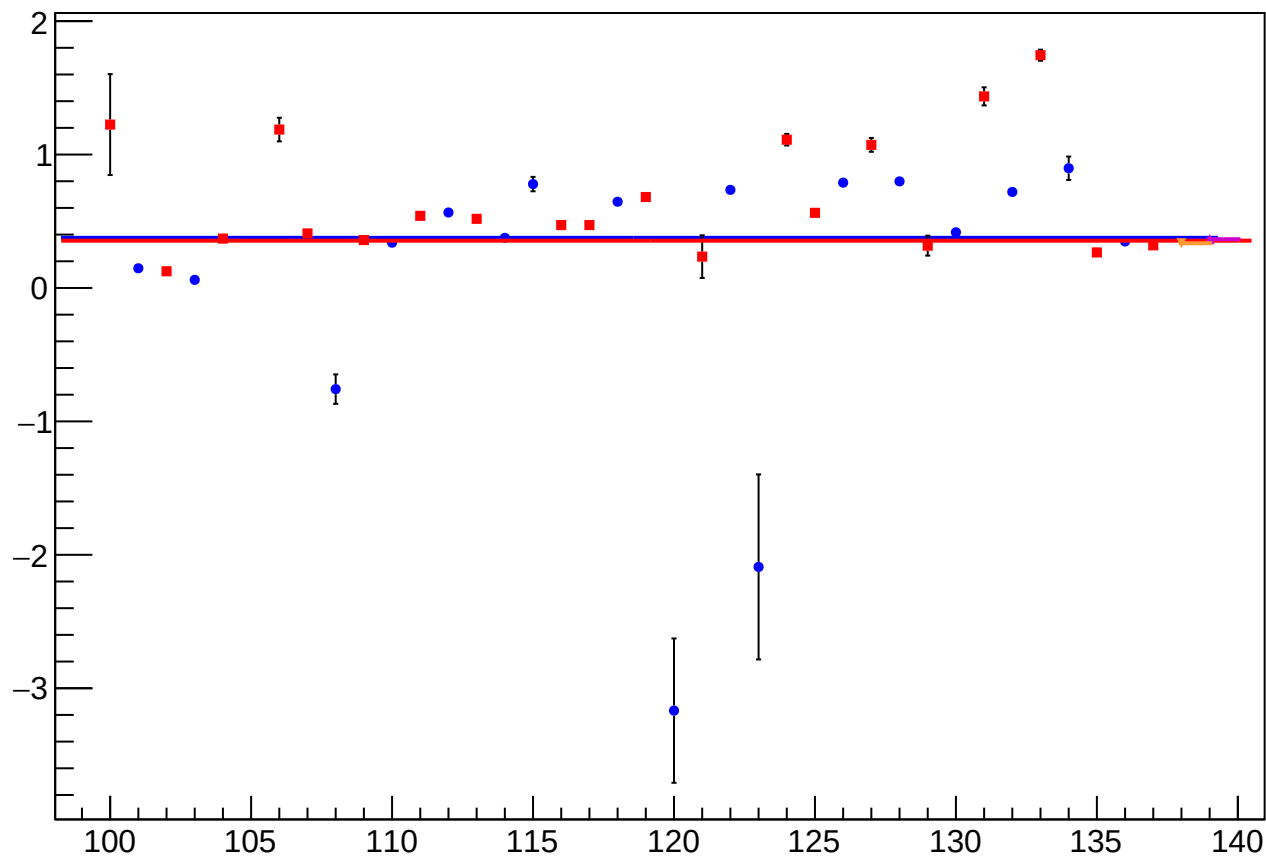
Right Out: -133.456 ± 0.000 χ^2/NDF : 396347.1/19

Left In: -127.805 ± 0.285 χ^2/NDF : 0.0/0

-123.524 ± 0.000 χ^2/NDF : 160513.0/17

-133.456 ± 0.000 χ^2/NDF : 396740.4/20

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.335 $\pm$ 0.004 χ^2 /NDF: 0.0/0

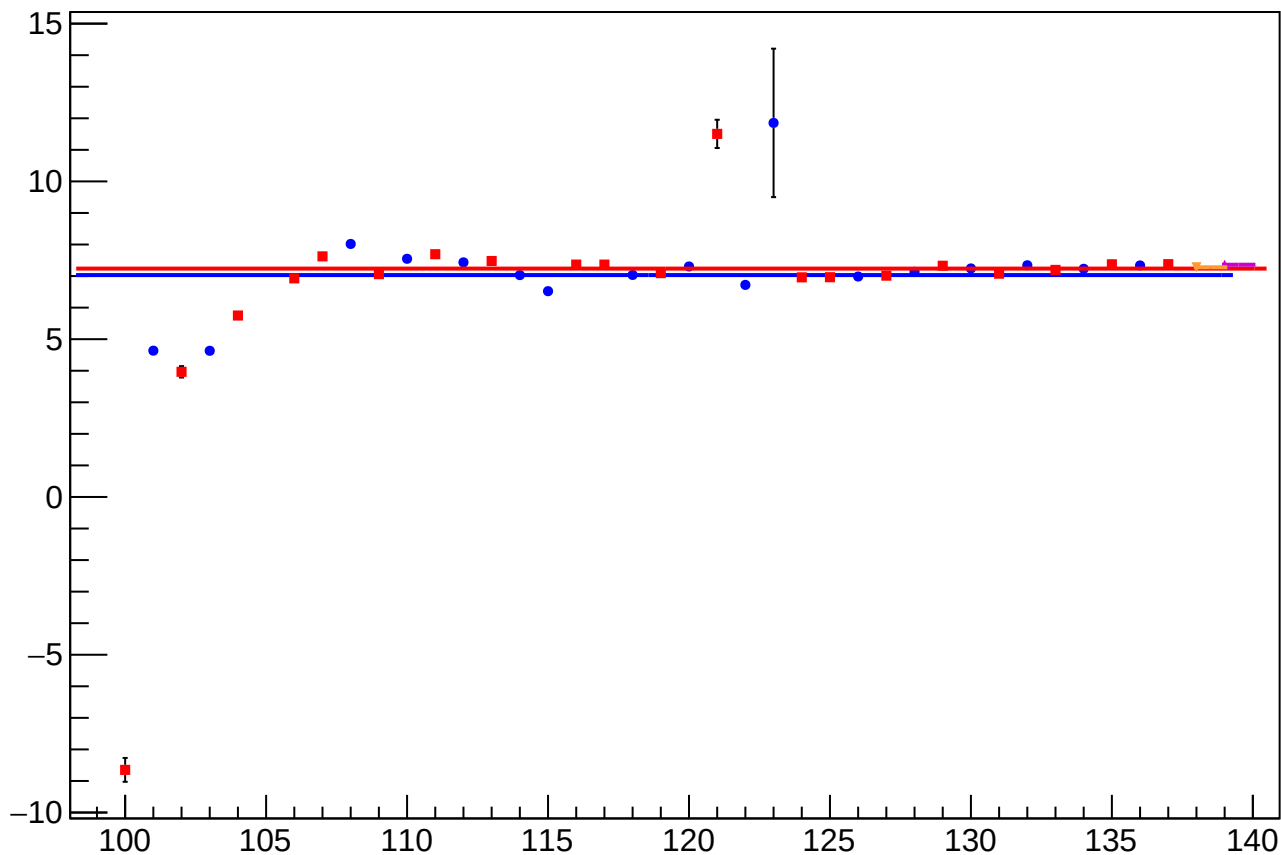
Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4618.1/19

Left In: 0.365 $\pm$ 0.003 χ^2 /NDF: 0.0/0

0.376 $\pm$ 0.000 χ^2 /NDF: 4056.0/17

0.357 $\pm$ 0.001 χ^2 /NDF: 4630.4/20

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 19770.1/16

Left Out: 7.279 ± 0.007 χ^2/NDF : 0.0/0

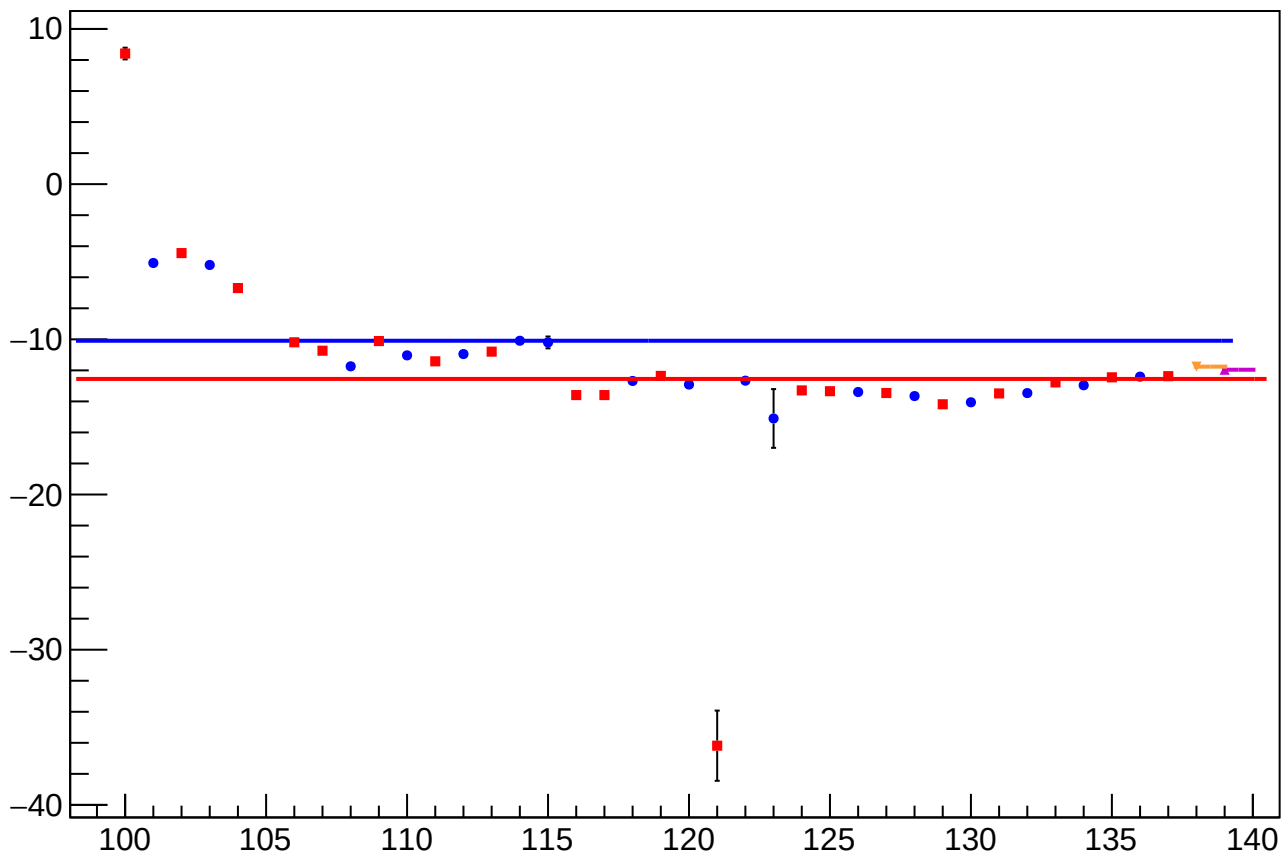
Right Out: 7.237 ± 0.002 χ^2/NDF : 10146.4/19

Left In: 7.360 ± 0.006 χ^2/NDF : 0.0/0

7.032 ± 0.000 χ^2/NDF : 21074.3/17

7.252 ± 0.002 χ^2/NDF : 10480.2/20

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 $\chi^2/\text{NDF}: 543504.2/16$

Left Out: -11.760 ± 0.019 $\chi^2/\text{NDF}: 0.0/0$

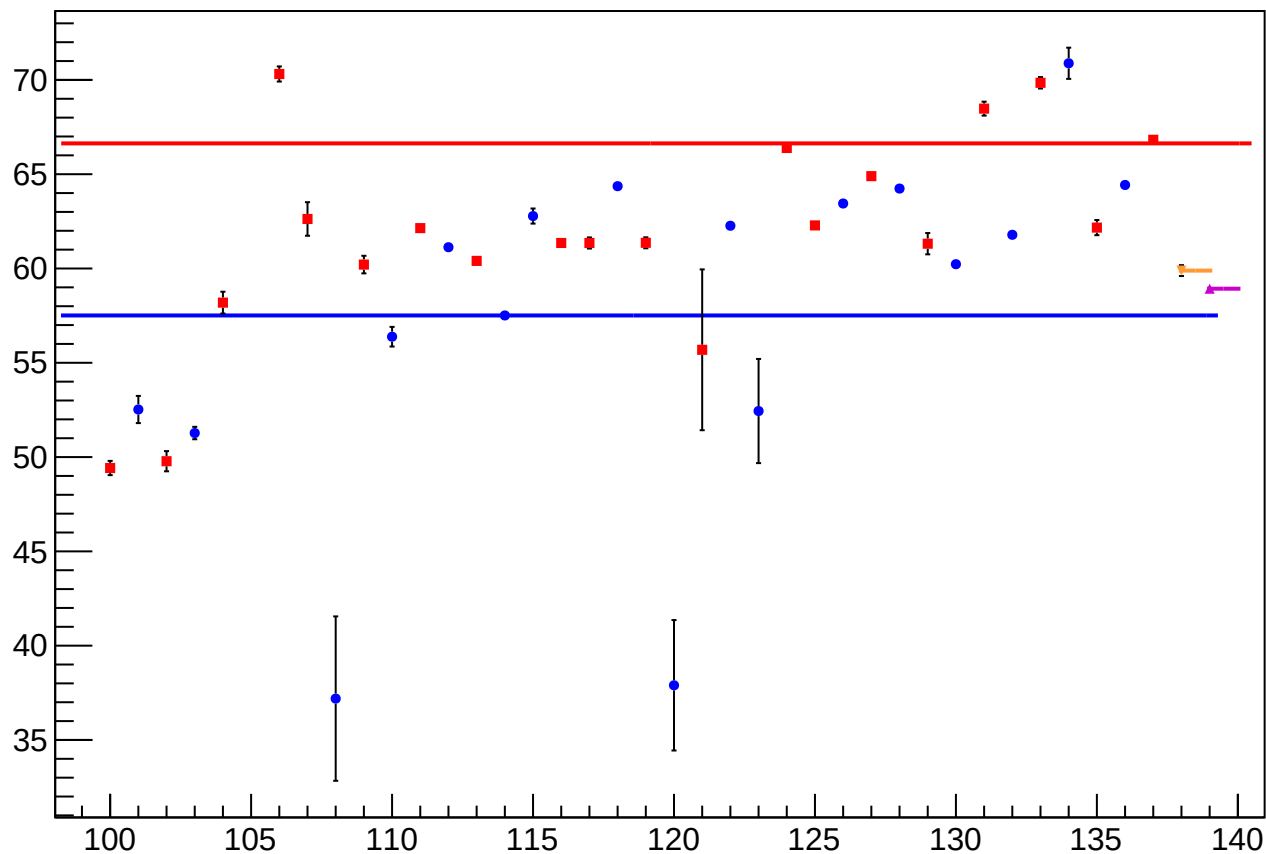
Right Out: -12.551 ± 0.004 $\chi^2/\text{NDF}: 106791.1/19$

Left In: -11.958 ± 0.011 $\chi^2/\text{NDF}: 0.0/0$

-10.092 ± 0.000 $\chi^2/\text{NDF}: 551382.1/17$

-12.496 ± 0.004 $\chi^2/\text{NDF}: 109205.1/20$

dit_sam8_4aX_slope vs Slug



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

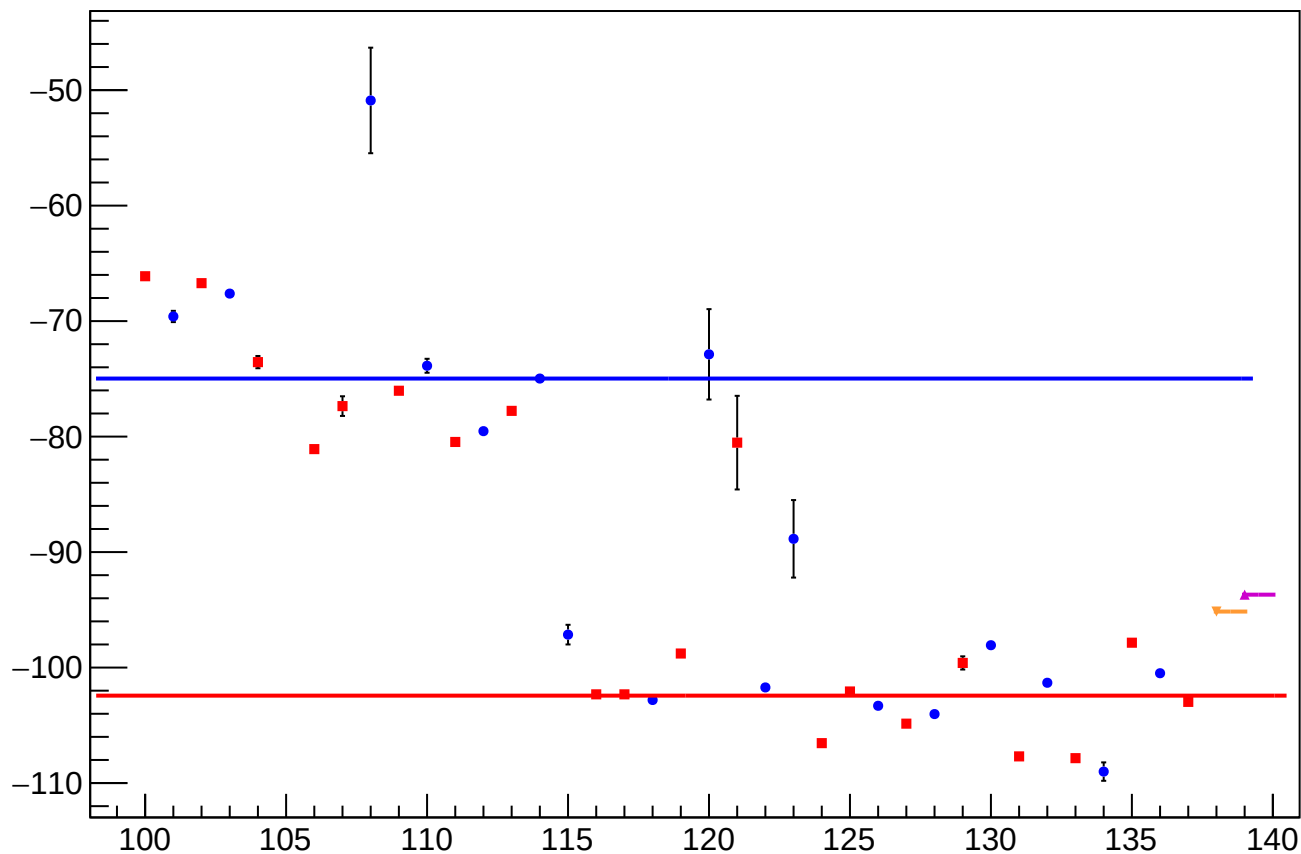
Right Out: 66.634 $\pm$ 0.013 χ^2 /NDF: 8486.4/19

Left In: 58.929 $\pm$ 0.139 χ^2 /NDF:0.0/0

57.510 $\pm$ 0.000 χ^2 /NDF: 8176.6/17

66.567 $\pm$ 0.013 χ^2 /NDF: 11546.5/20

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF : 130544.0/16

Left Out: -95.149+/-0.300 χ^2/NDF : 0.0/0

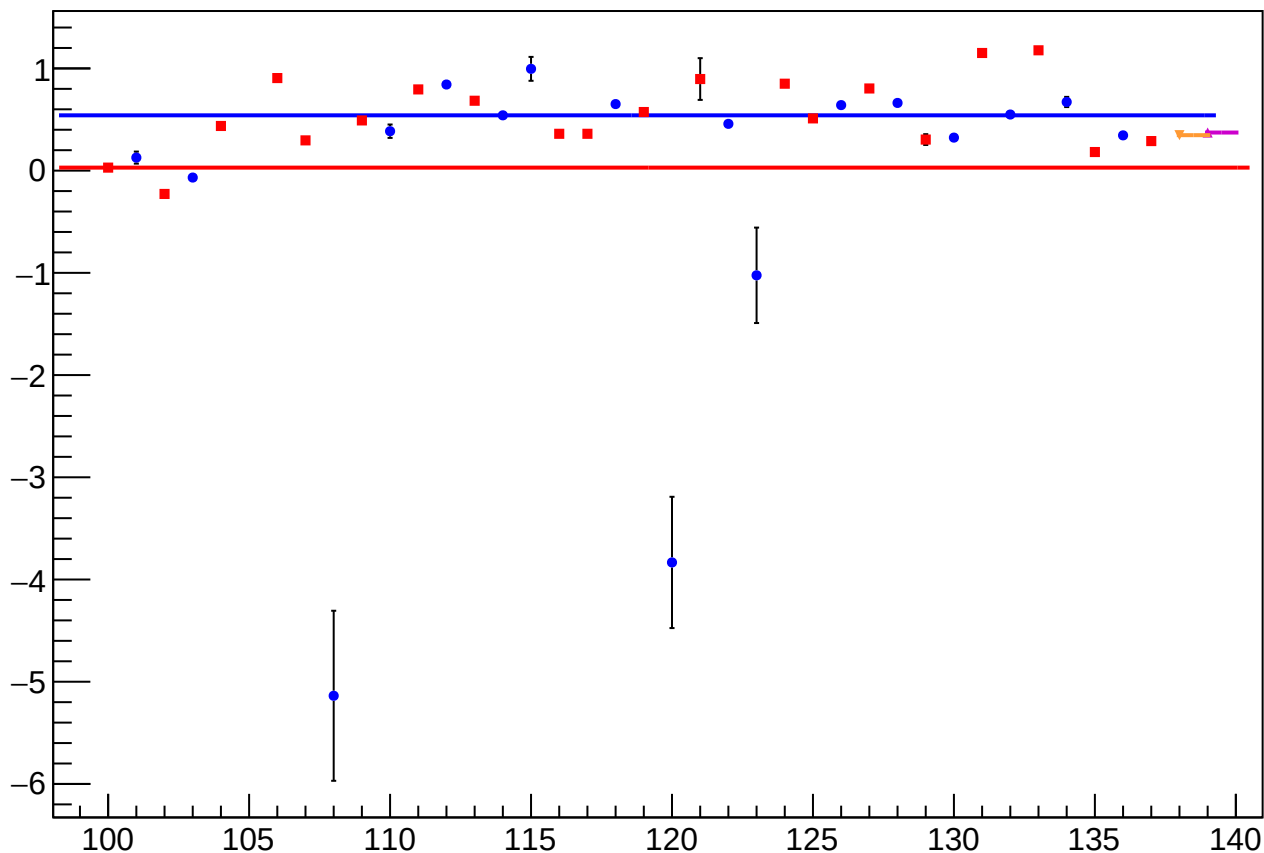
Right Out: -102.430+/-0.018 χ^2/NDF : 50377.6/19

Left In: -93.687+/-0.135 χ^2/NDF : 0.0/0

-74.974+/-0.000 χ^2/NDF : 135054.0/17

-102.281+/-0.018 χ^2/NDF : 54479.9/20

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF : 29180.5/16

Left Out: 0.347+/-0.003 χ^2/NDF : 0.0/0

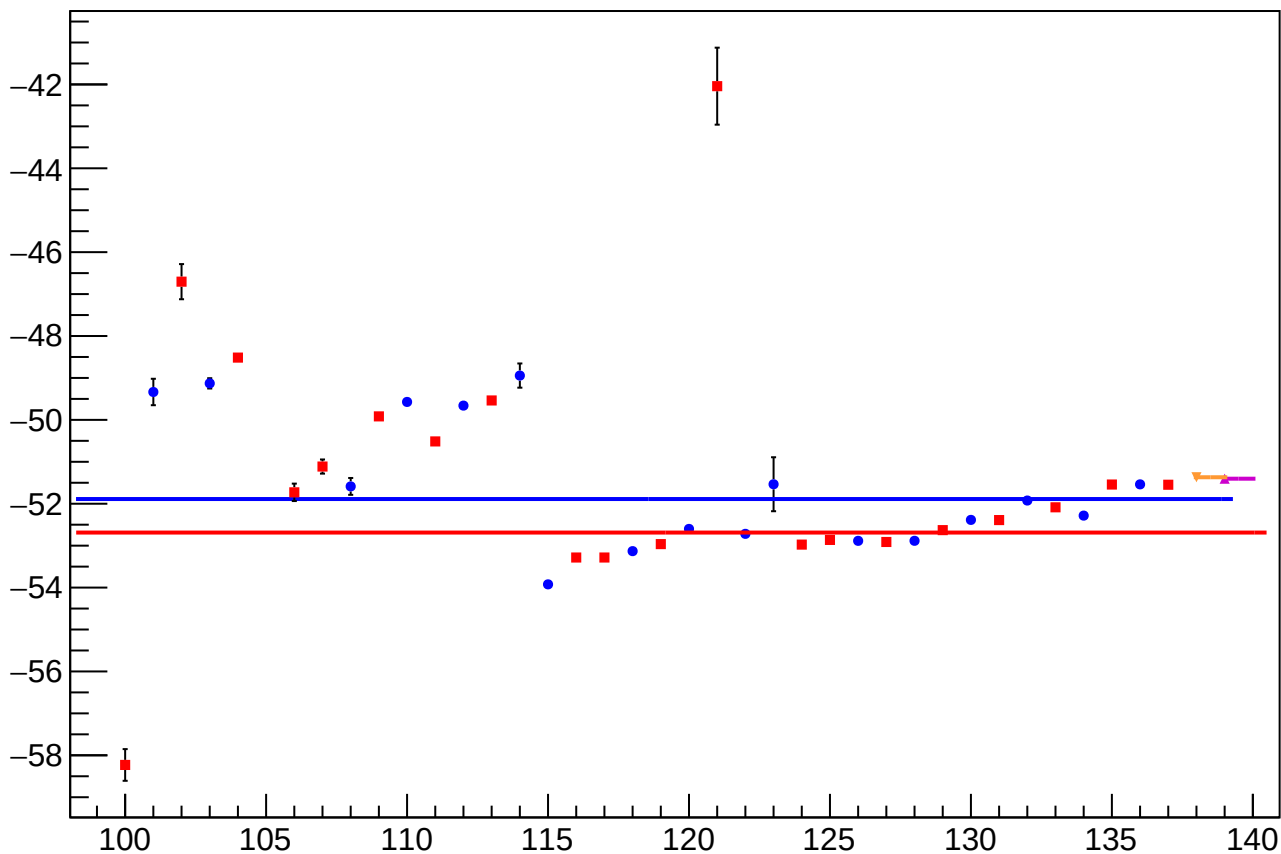
Right Out: 0.030+/-0.000 χ^2/NDF : 121752.0/19

Left In: 0.373+/-0.003 χ^2/NDF : 0.0/0

0.541+/-0.000 χ^2/NDF : 33616.5/17

0.030+/-0.000 χ^2/NDF : 133966.4/20

dit_sam8_4aY_slope vs Slug



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -51.369 $\pm$ 0.008 χ^2 /NDF: 0.0/0

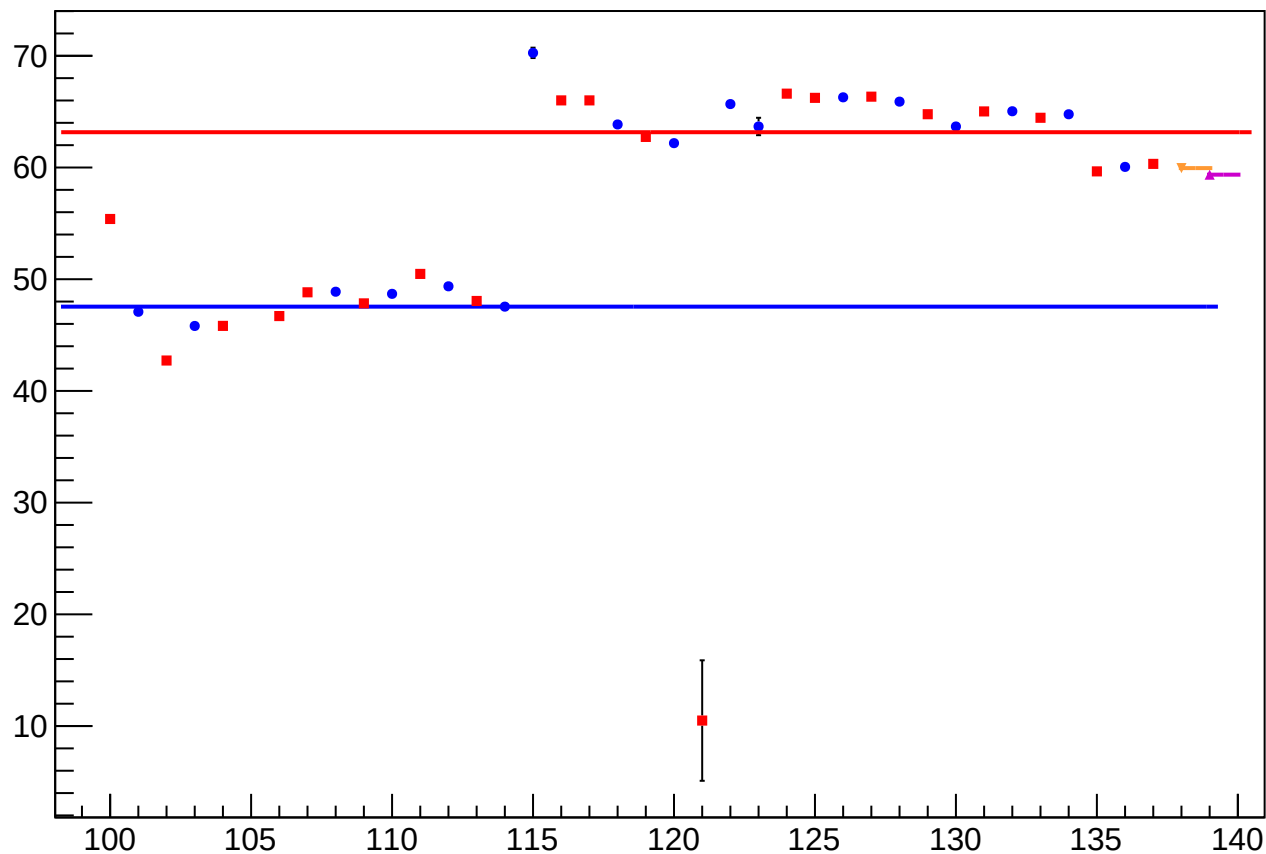
Right Out: -52.688 $\pm$ 0.003 χ^2 /NDF: 56462.4/19

Left In: -51.403 $\pm$ 0.008 χ^2 /NDF: 0.0/0

-51.854 $\pm$ 0.002 χ^2 /NDF: 81105.8/17

-52.565 $\pm$ 0.002 χ^2 /NDF: 80565.2/20

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 59.947 $\pm$ 0.016 χ^2 /NDF: 0.0/0

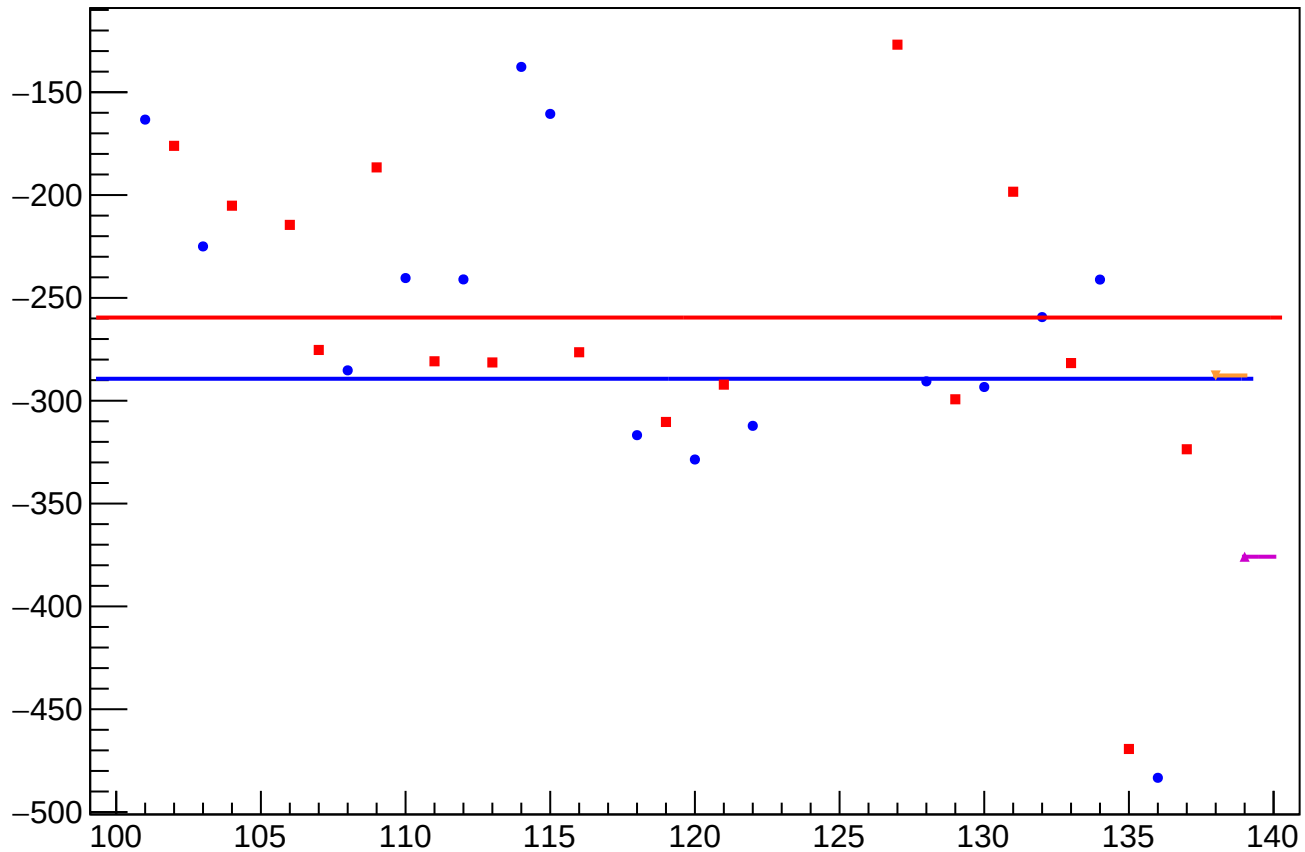
Right Out: 63.161 $\pm$ 0.007 χ^2 /NDF: 337052.2/19

Left In: 59.360 $\pm$ 0.019 χ^2 /NDF: 0.0/0

47.545 $\pm$ 0.000 χ^2 /NDF: 4084314.4/17

62.648 $\pm$ 0.007 χ^2 /NDF: 372710.6/20

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -287.718+/-0.000 χ^2/NDF : 0.0/0

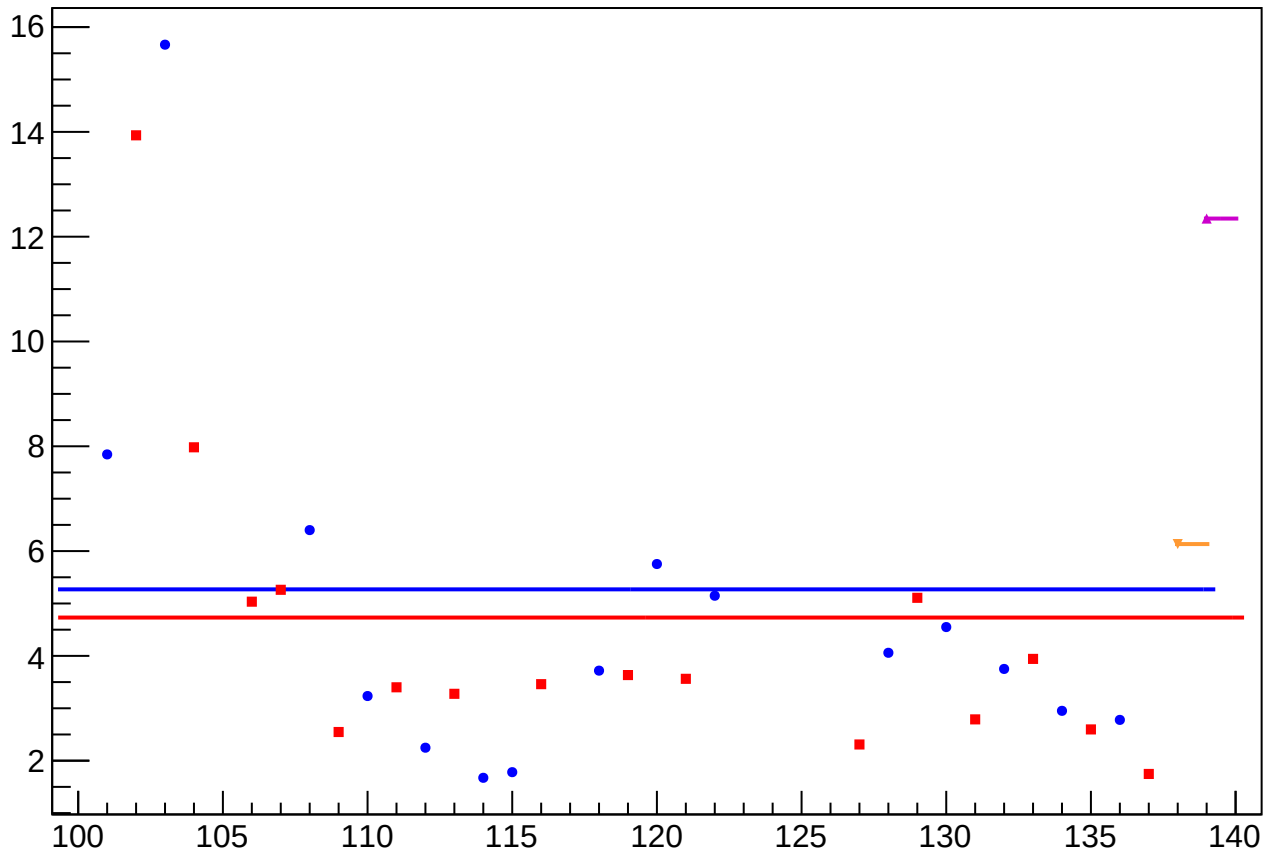
-289.150+/-0.000 χ^2/NDF : 5369860873540844

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

-267.516+/-0.000 χ^2/NDF : 4917121615306899

Left In: -375.842+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug

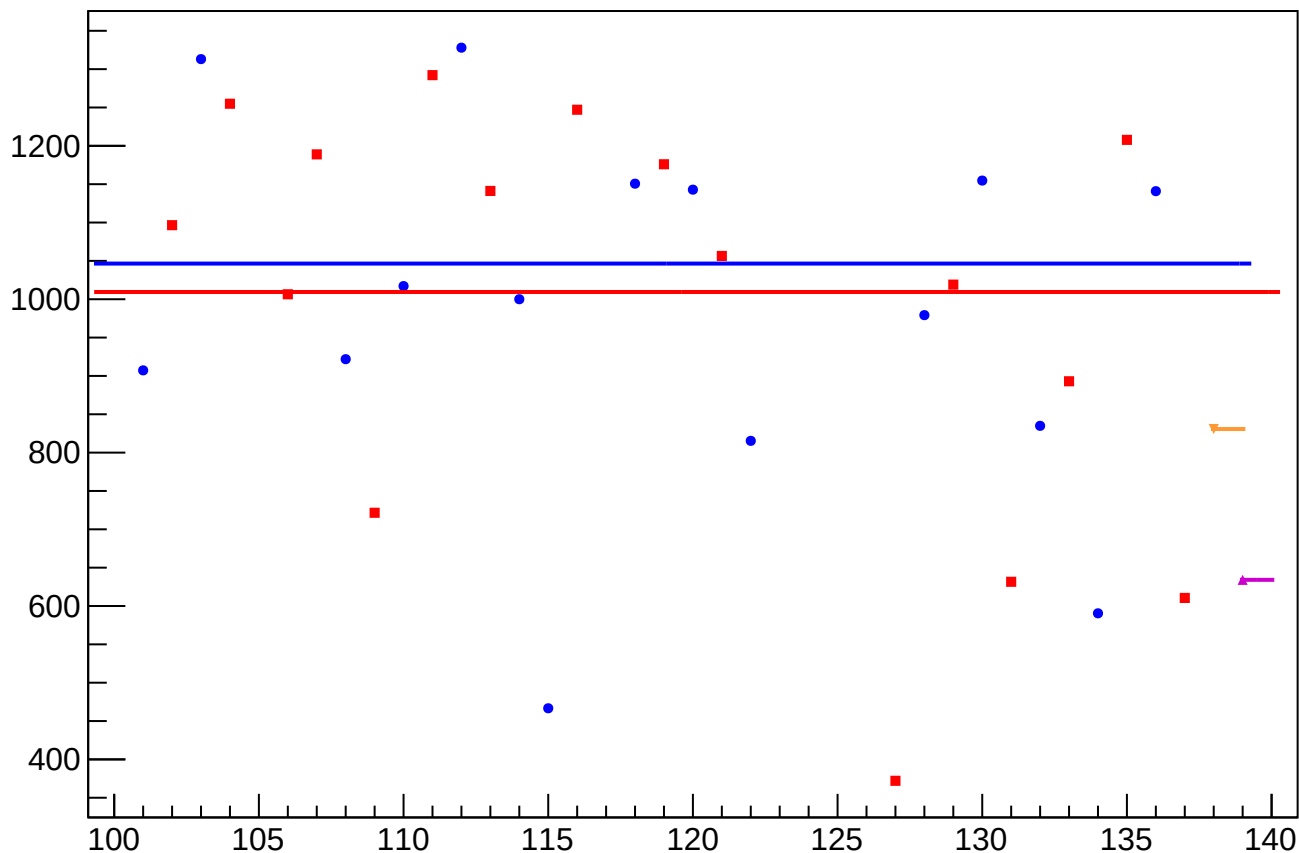


Right In: 5.270+/-0.000	χ^2/NDF : 8709683292123798330550906790084608.0/14
Left Out: 6.134+/-0.000	χ^2/NDF : 0.0/0
Right Out: 4.732+/-0.000	χ^2/NDF : 6856893072575211562802281426452480.0/15
Left In: 12.346+/-0.000	χ^2/NDF : 0.0/0

5.362+/-0.000 χ^2/NDF : 8761703217502848480

5.253+/-0.000 χ^2/NDF : 9503475493719067654

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

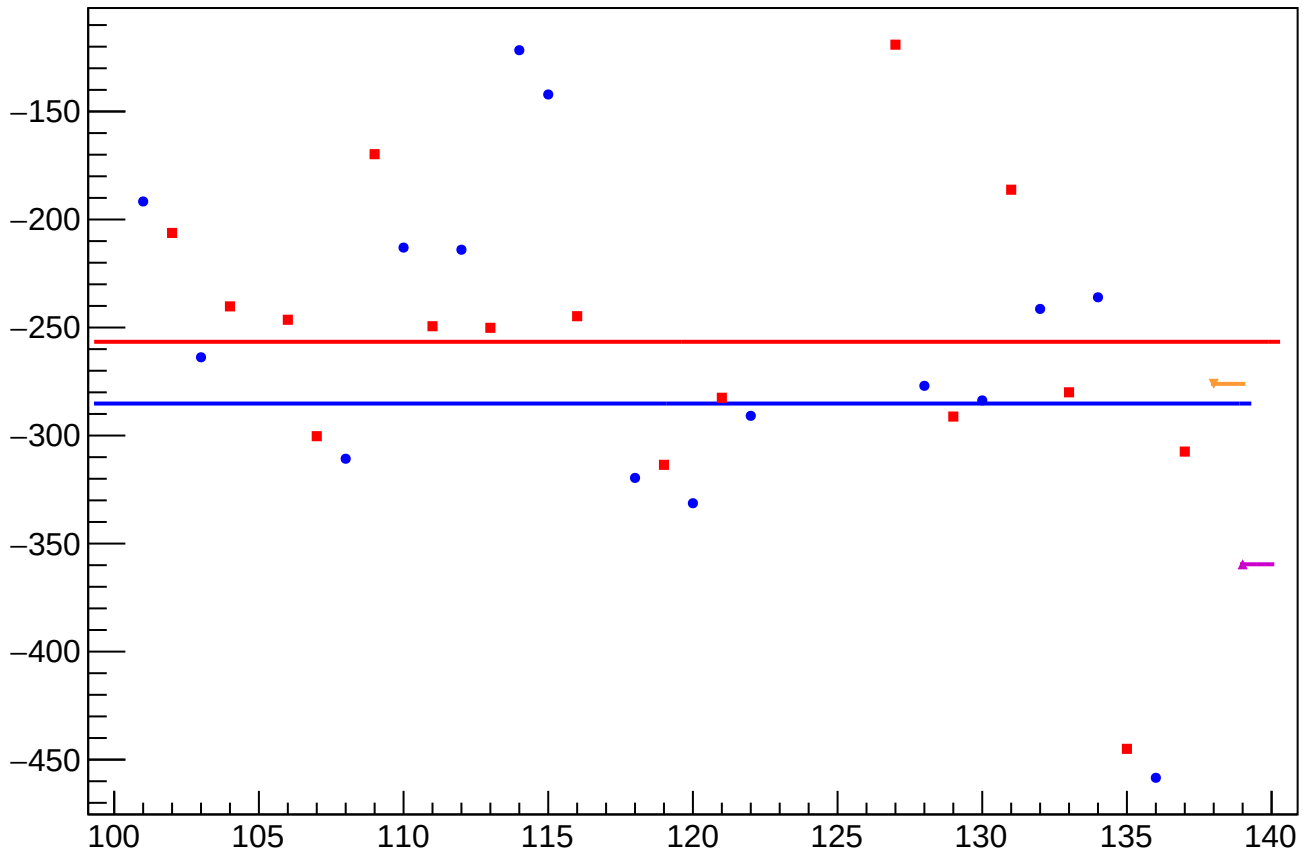
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -276.074+/-0.000 χ^2/NDF : 0.0/0

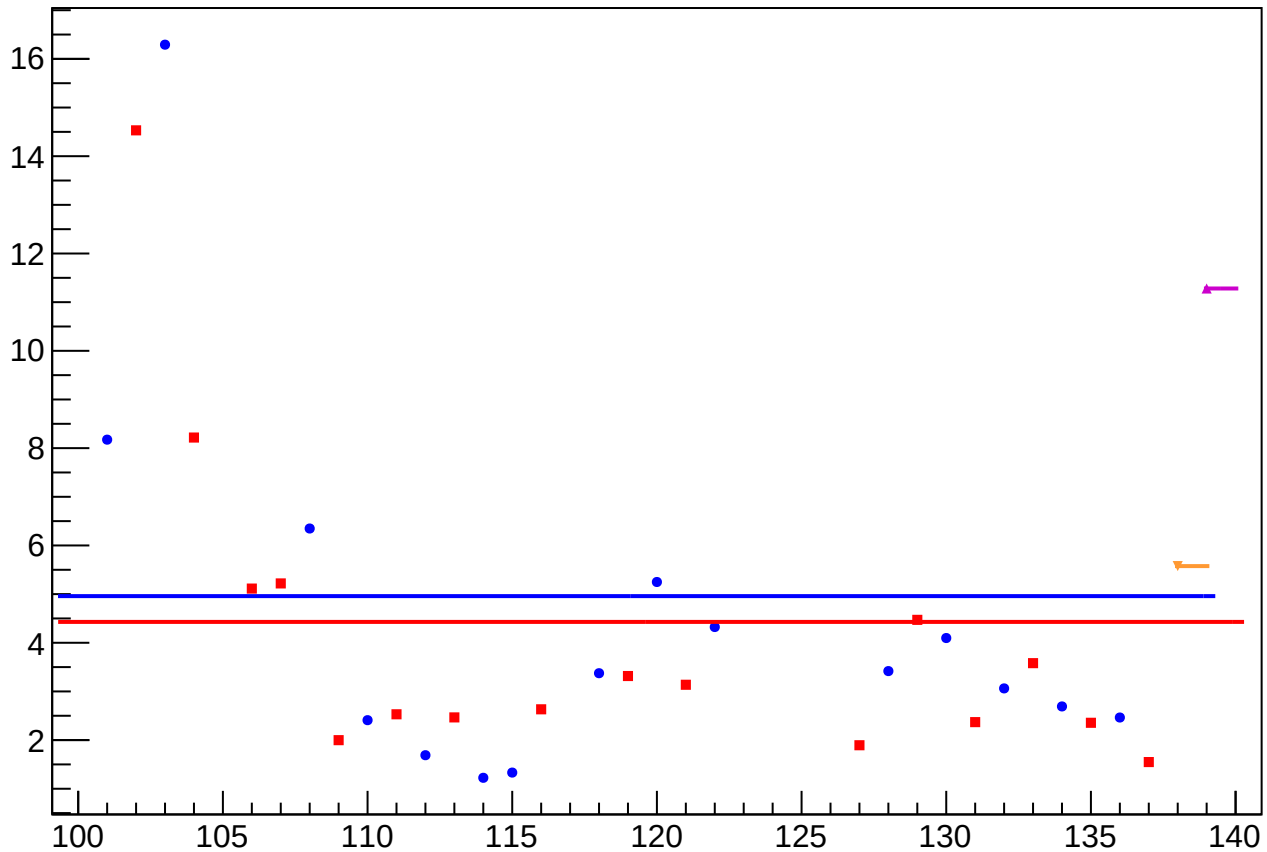
Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

Left In: -359.581+/-0.000 χ^2/NDF : 0.0/0

-284.209+/-0.000 χ^2/NDF : 4485368113279827

-263.647+/-0.000 χ^2/NDF : 4132362361434473

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 5.576+/-0.000 χ^2/NDF : 61.5/0

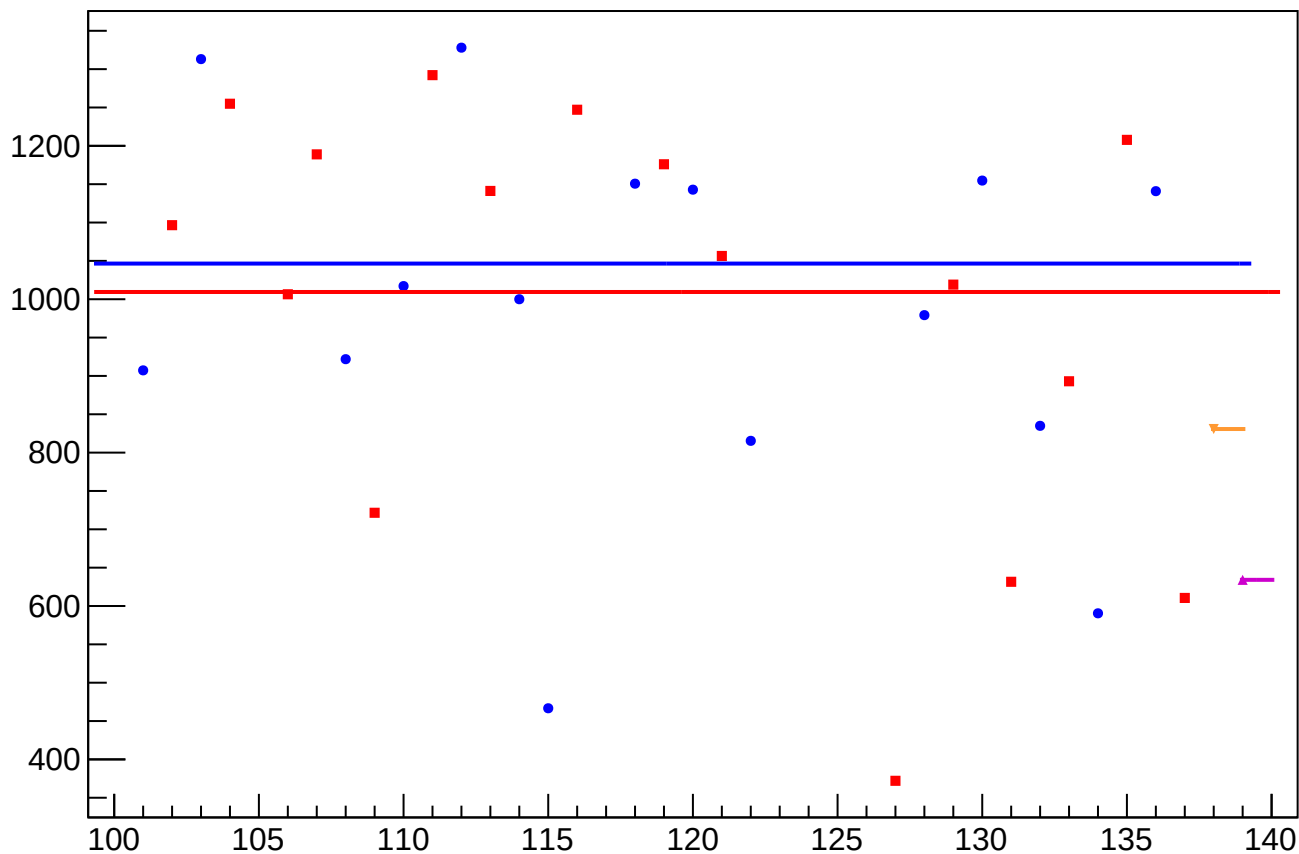
5.025+/-0.000 χ^2/NDF : 1049195514072649289

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

4.898+/-0.000 χ^2/NDF : 1051463700647620738

Left In: 11.281+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

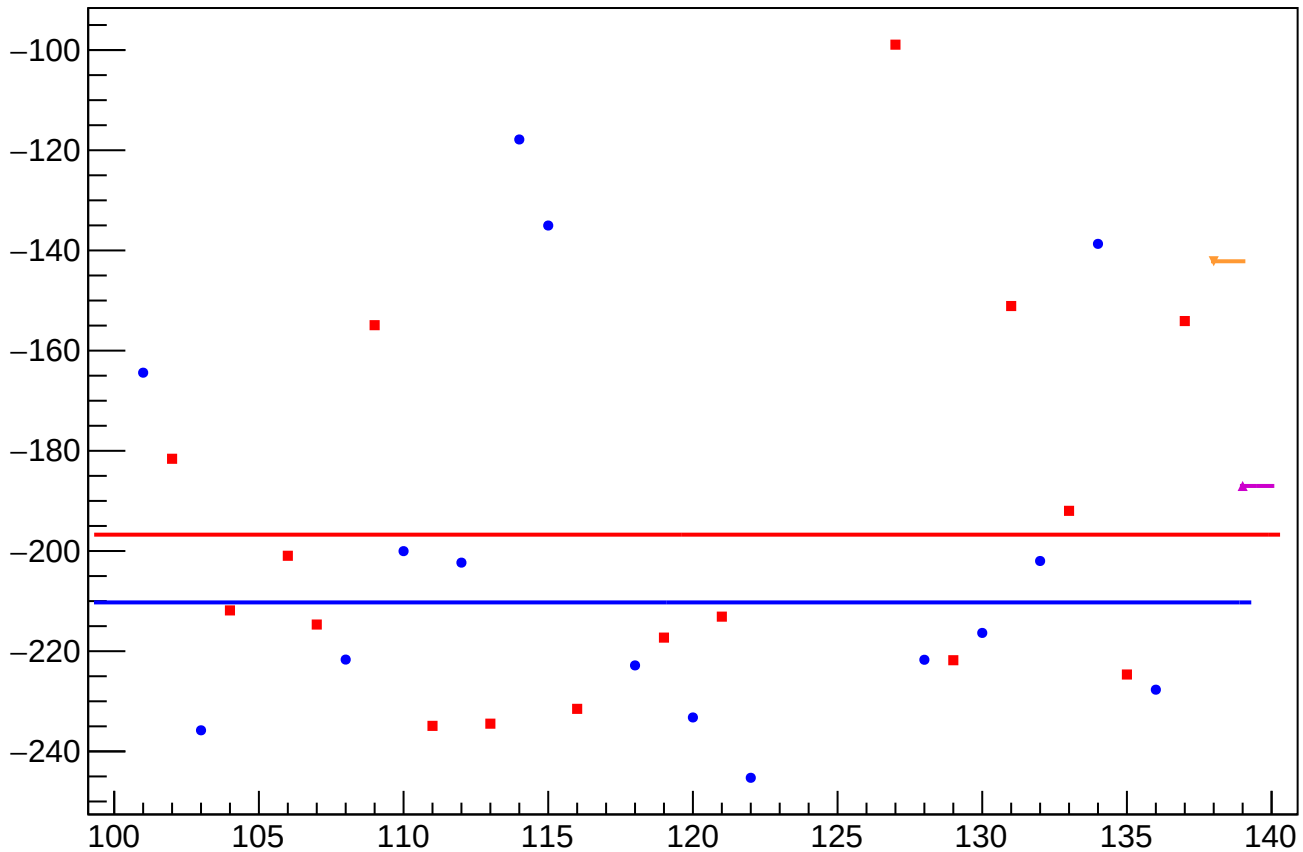
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -142.161+/-0.000 χ^2/NDF : 0.0/0

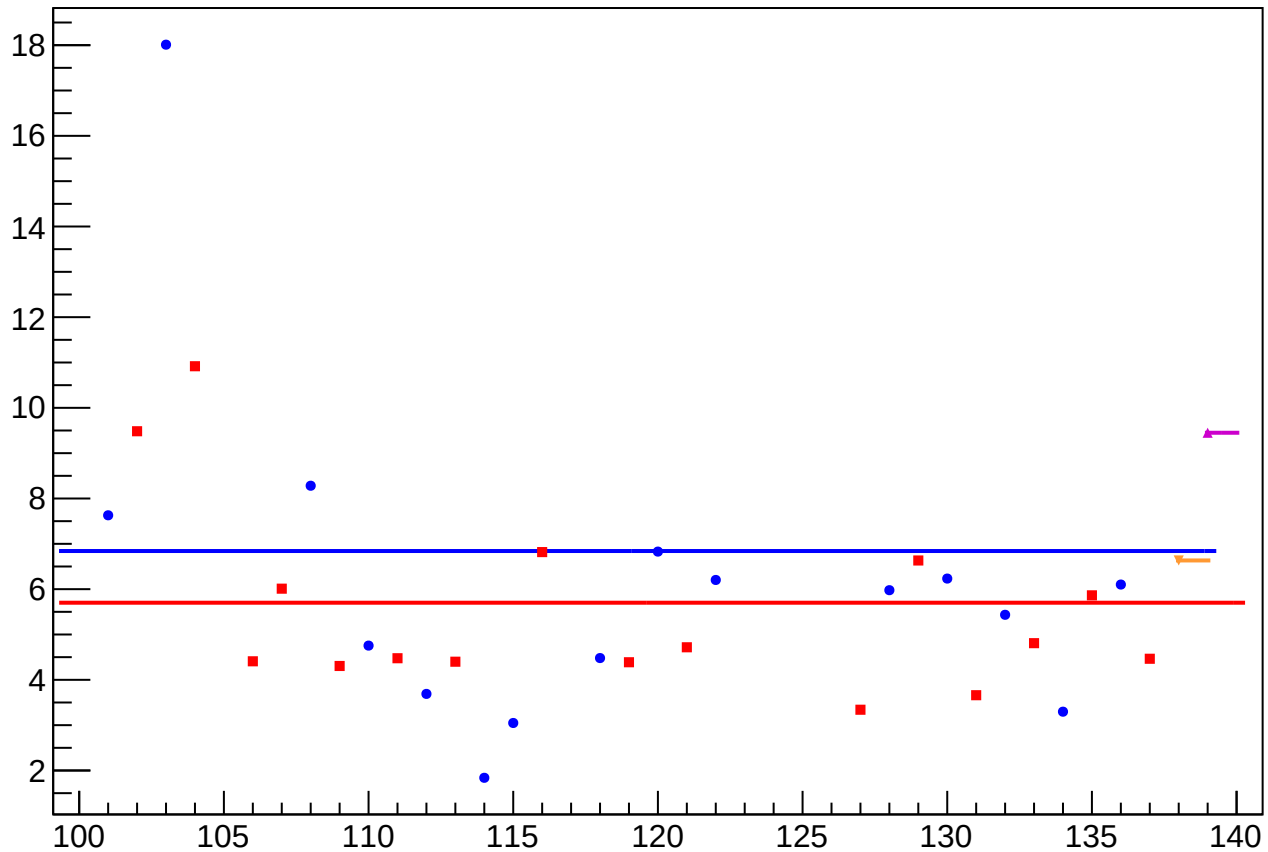
-202.955+/-0.000 χ^2/NDF : 8906353944034010

Right Out: -196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

-196.071+/-0.000 χ^2/NDF : 9139036174274735

Left In: -187.014+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF : 9355934166823324467316647620771840.0/14

Left Out: 6.633+/-0.000 χ^2/NDF : 0.0/0

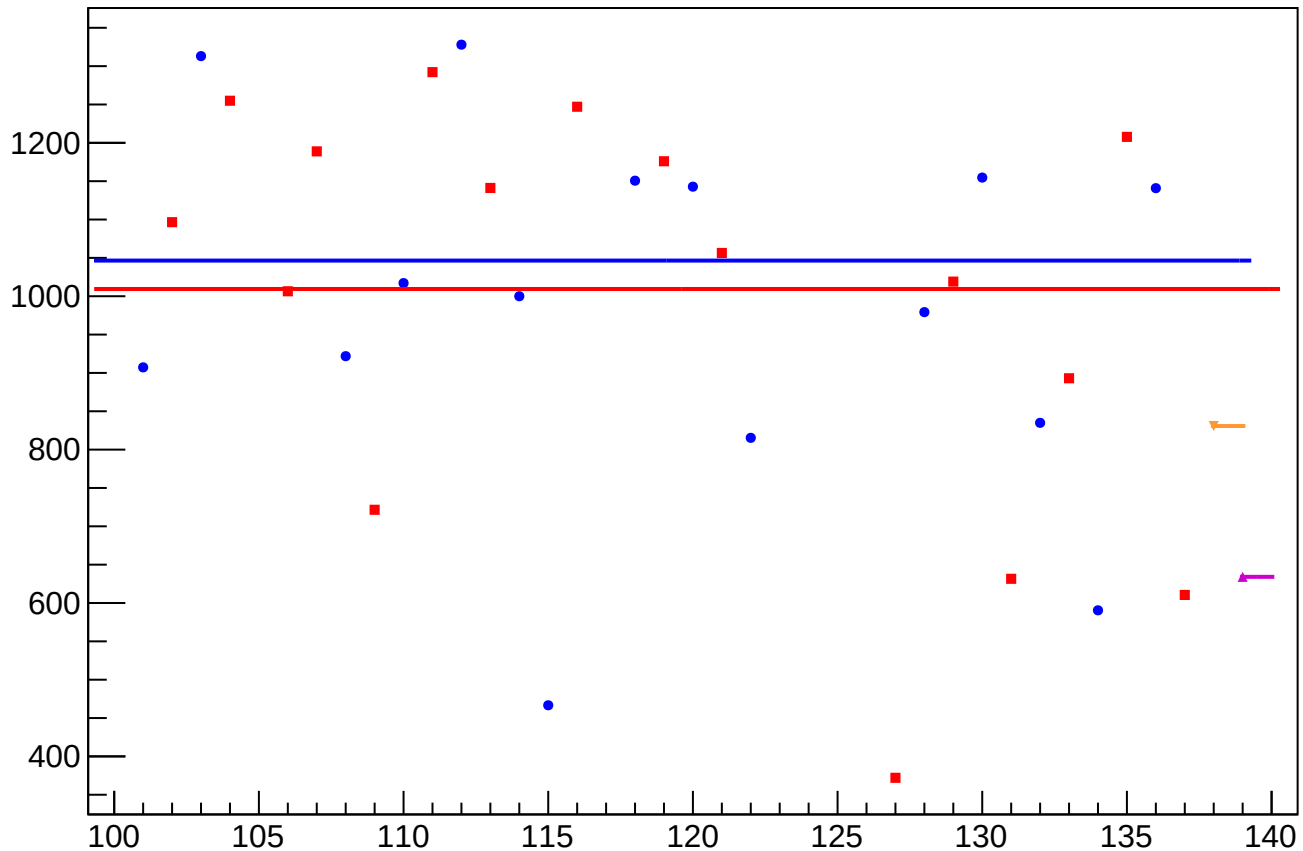
6.819+/-0.000 χ^2/NDF : 9358950373345783470

Right Out: 5.701+/-0.000 χ^2/NDF : 3174693398300953393137731791486976.0/15

5.958+/-0.000 χ^2/NDF : 3816328637831389300

Left In: 9.450+/-0.000 χ^2/NDF : 154.6/0

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

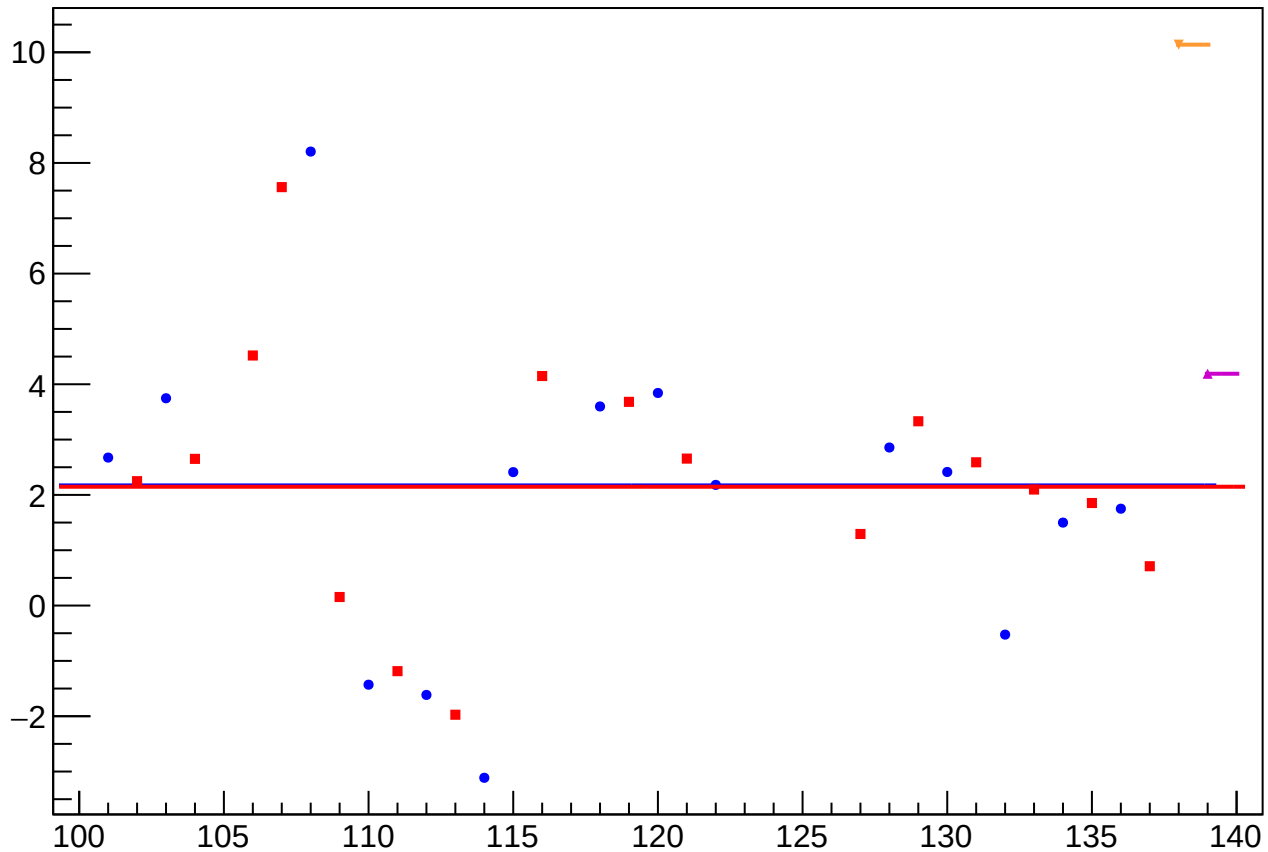
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14

Left Out: 10.138+/-0.000 χ^2/NDF : 0.0/0

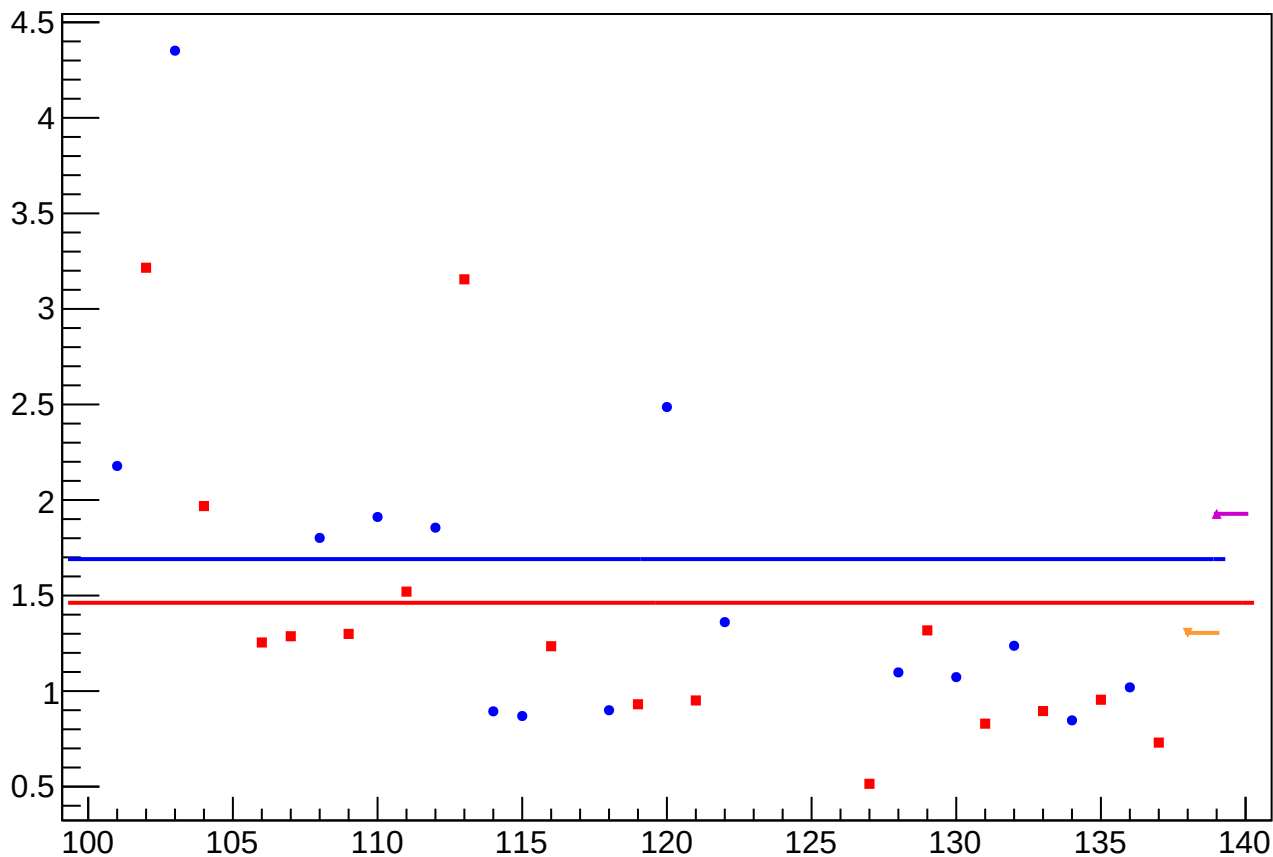
3.026+/-0.000 χ^2/NDF : 8018773589106553751

Right Out: 2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15

2.287+/-0.000 χ^2/NDF : 3284276818776674537

Left In: 4.190+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14

Left Out: 1.305+/-0.000 χ^2/NDF :3.8/0

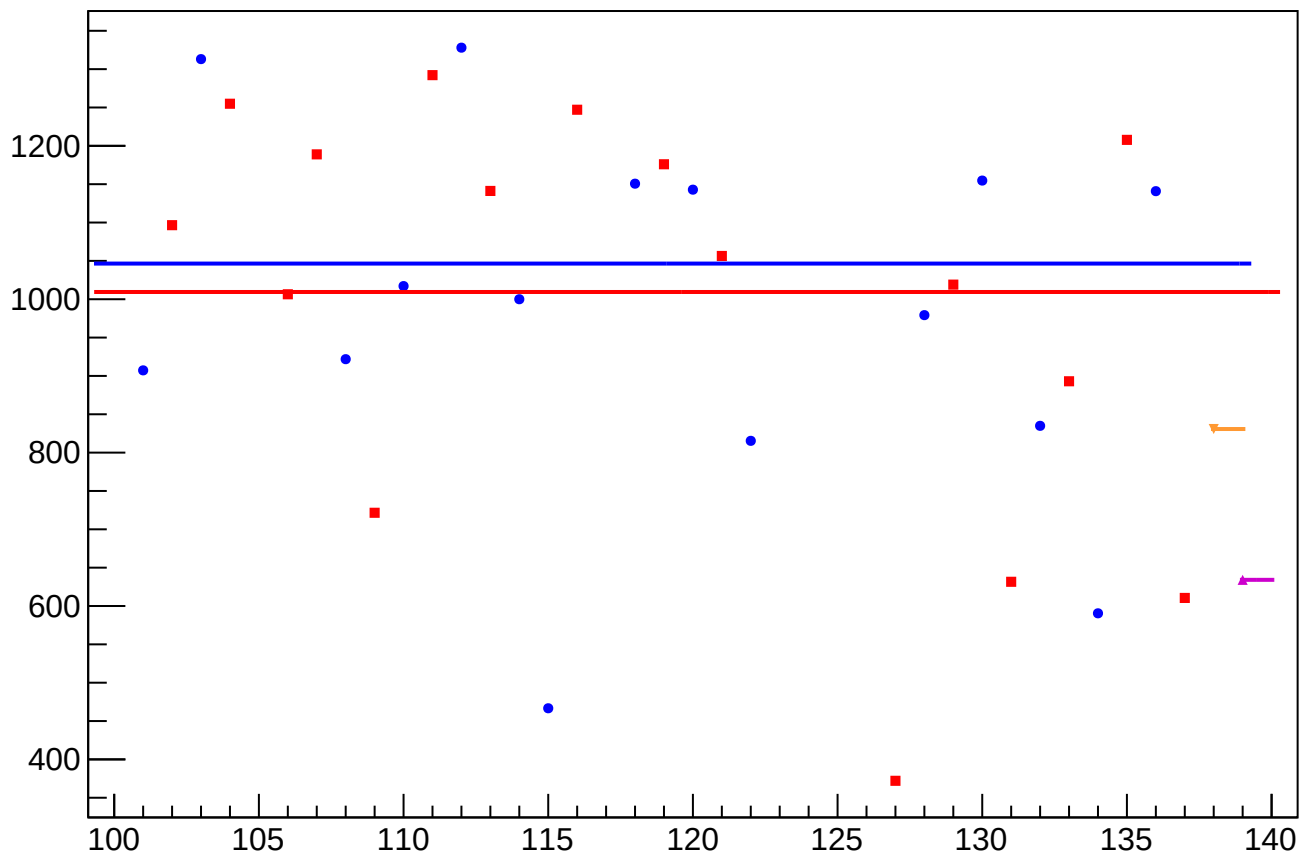
Right Out: 1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15

Left In: 1.928+/-0.000 χ^2/NDF :0.0/0

1.649+/-0.000 χ^2/NDF : 6225446558826251622

1.494+/-0.000 χ^2/NDF : 4542766674931091414

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

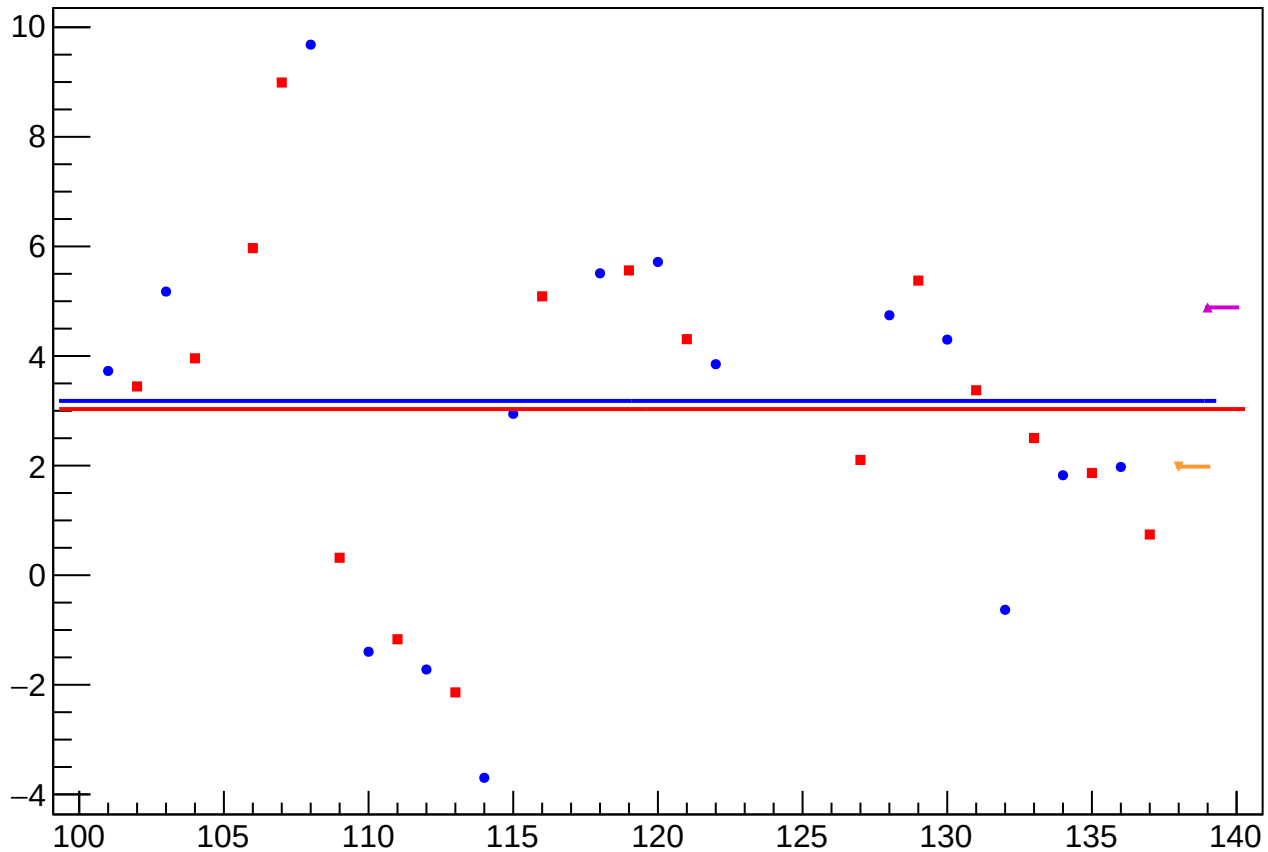
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF : 5833303227868252617704566394191872.0/14

Left Out: 1.981+/-0.000 χ^2/NDF : 0.0/0

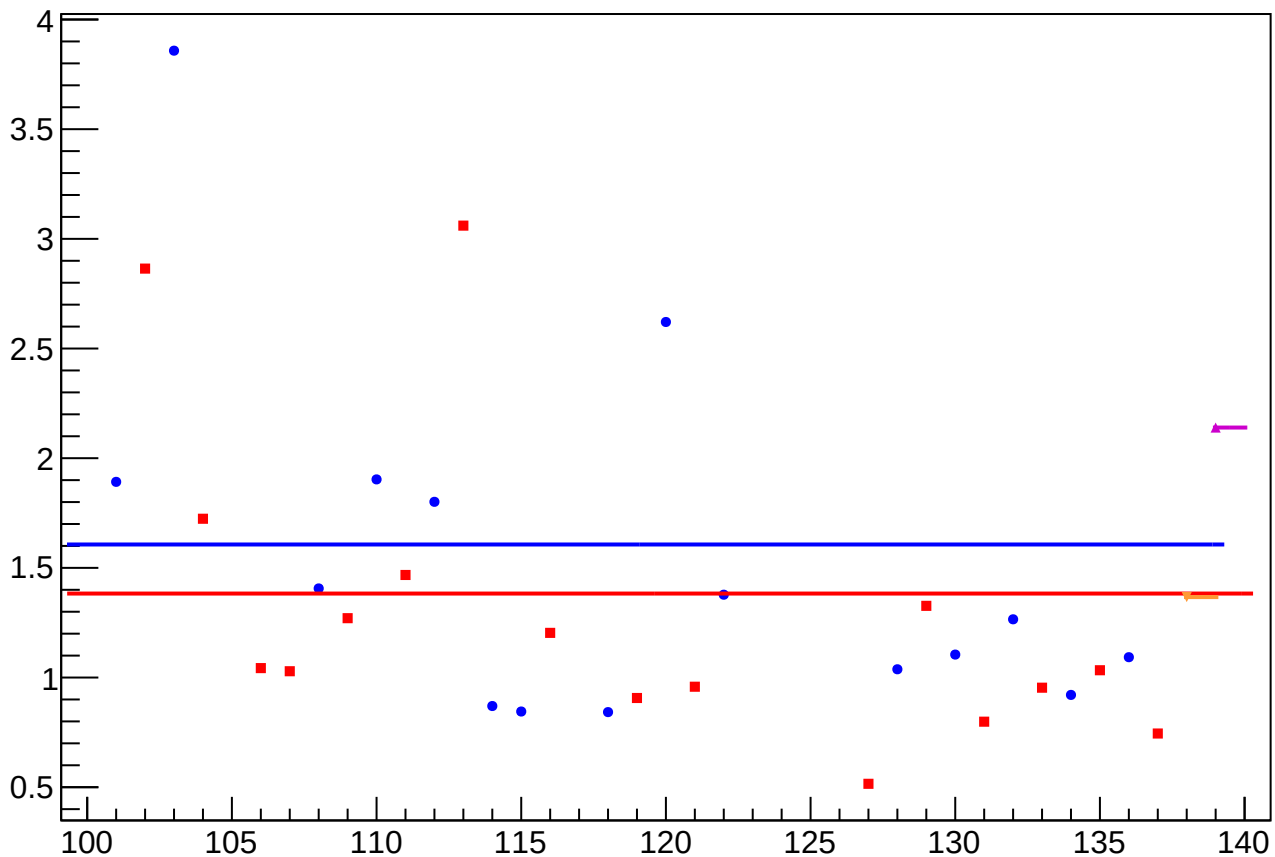
Right Out: 3.032+/-0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15

Left In: 4.886+/-0.000 χ^2/NDF : 0.0/0

3.052+/-0.000 χ^2/NDF : 5933623337825847216

3.159+/-0.000 χ^2/NDF : 5094226526266955249

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF : 460949628640148184181205735833600.0/14

Left Out: 1.367+/-0.000 χ^2/NDF : 0.0/0

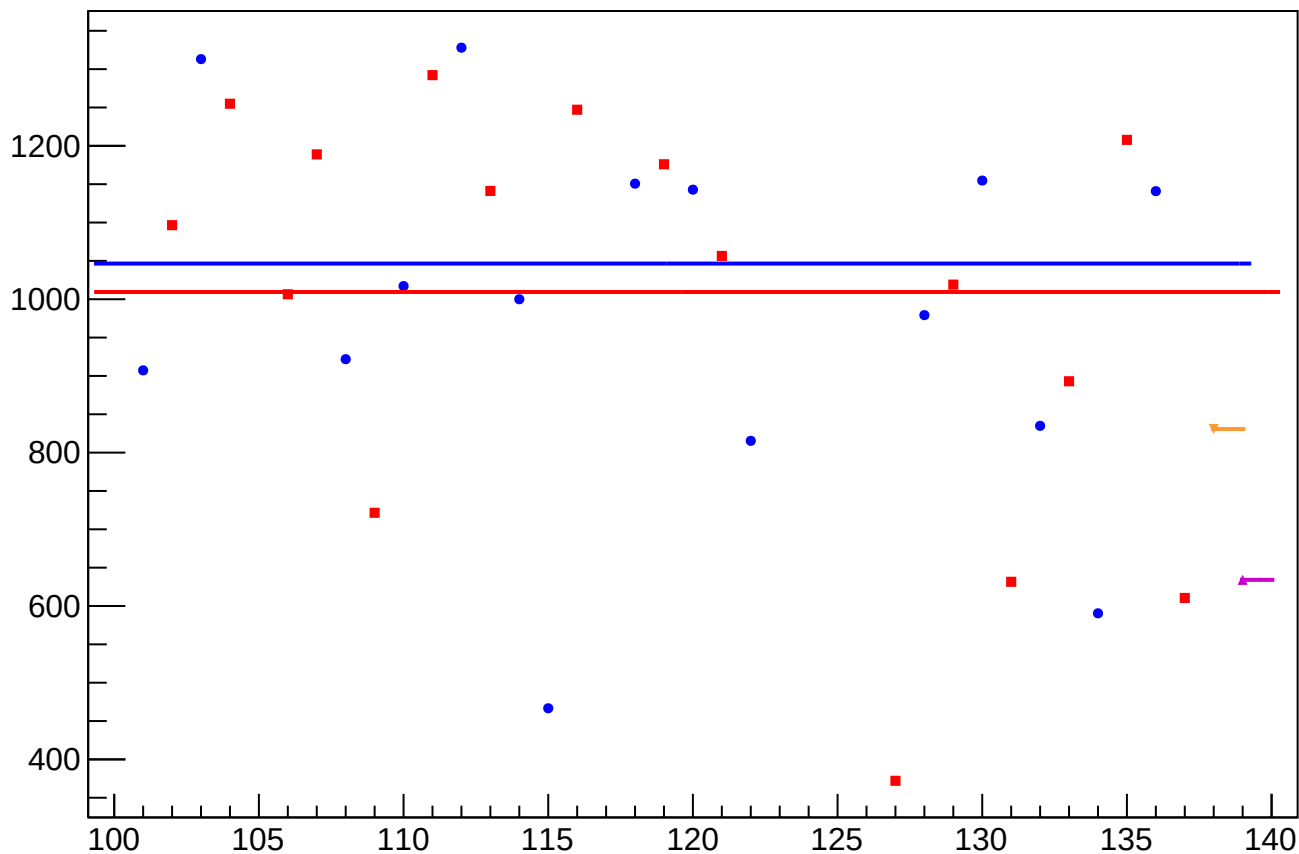
Right Out: 1.383+/-0.000 χ^2/NDF : 358348897016286200957650337792000.0/15

Left In: 2.140+/-0.000 χ^2/NDF : 0.0/0

1.581+/-0.000 χ^2/NDF : 4649540255695446556

1.435+/-0.000 χ^2/NDF : 3844937355505769680

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

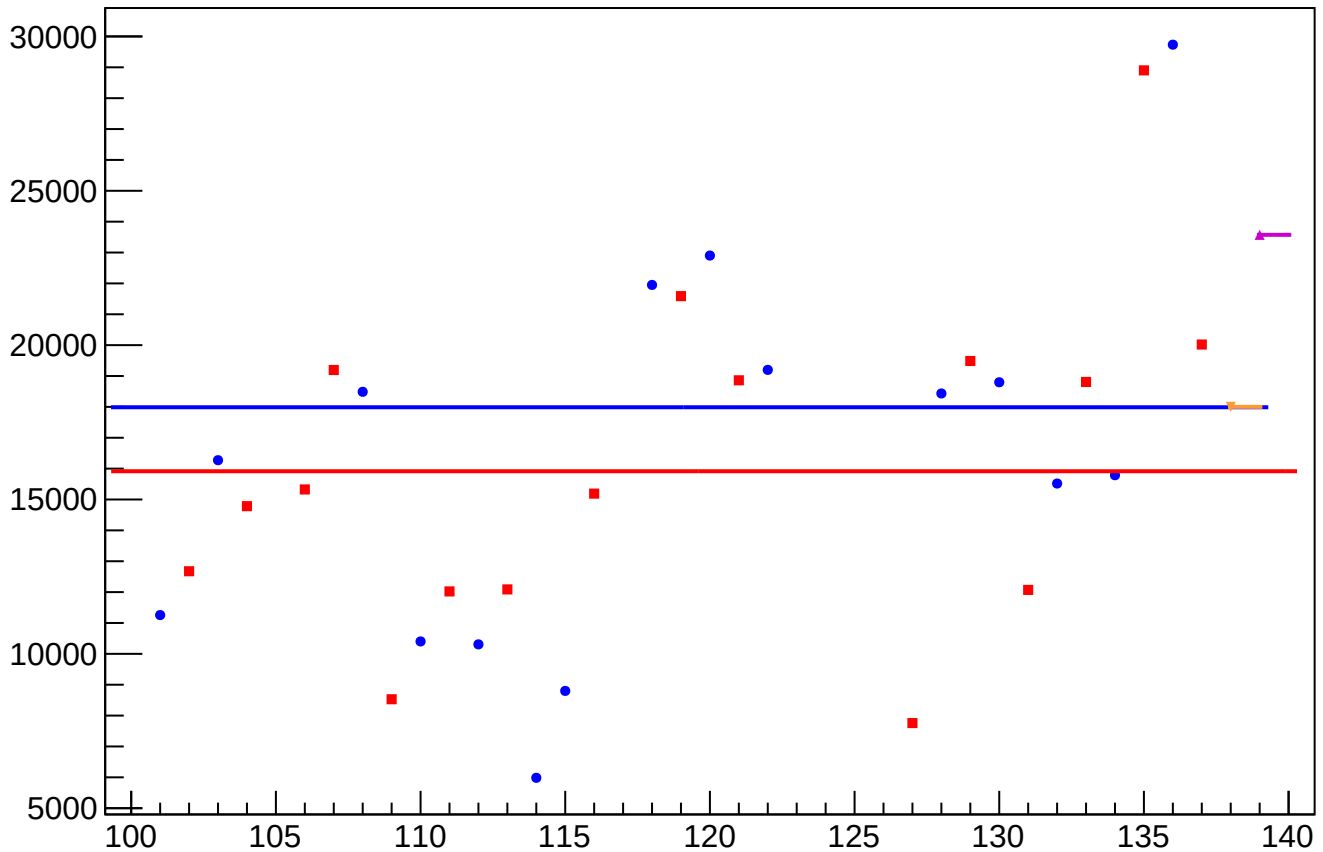
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

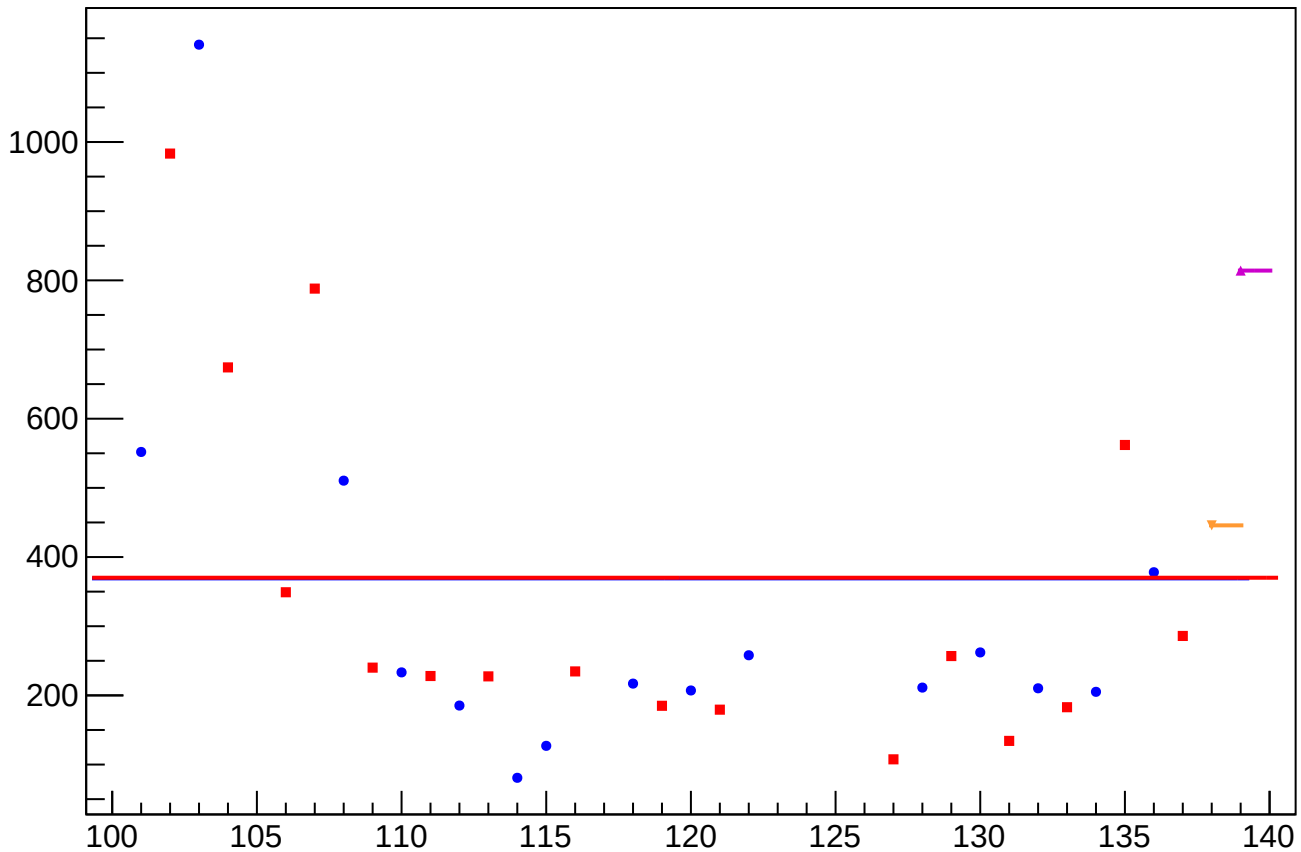
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_usl_coil1_mean vs Slug



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



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

Left Out: 445.805+/-0.000 χ^2/NDF : 0.0/0

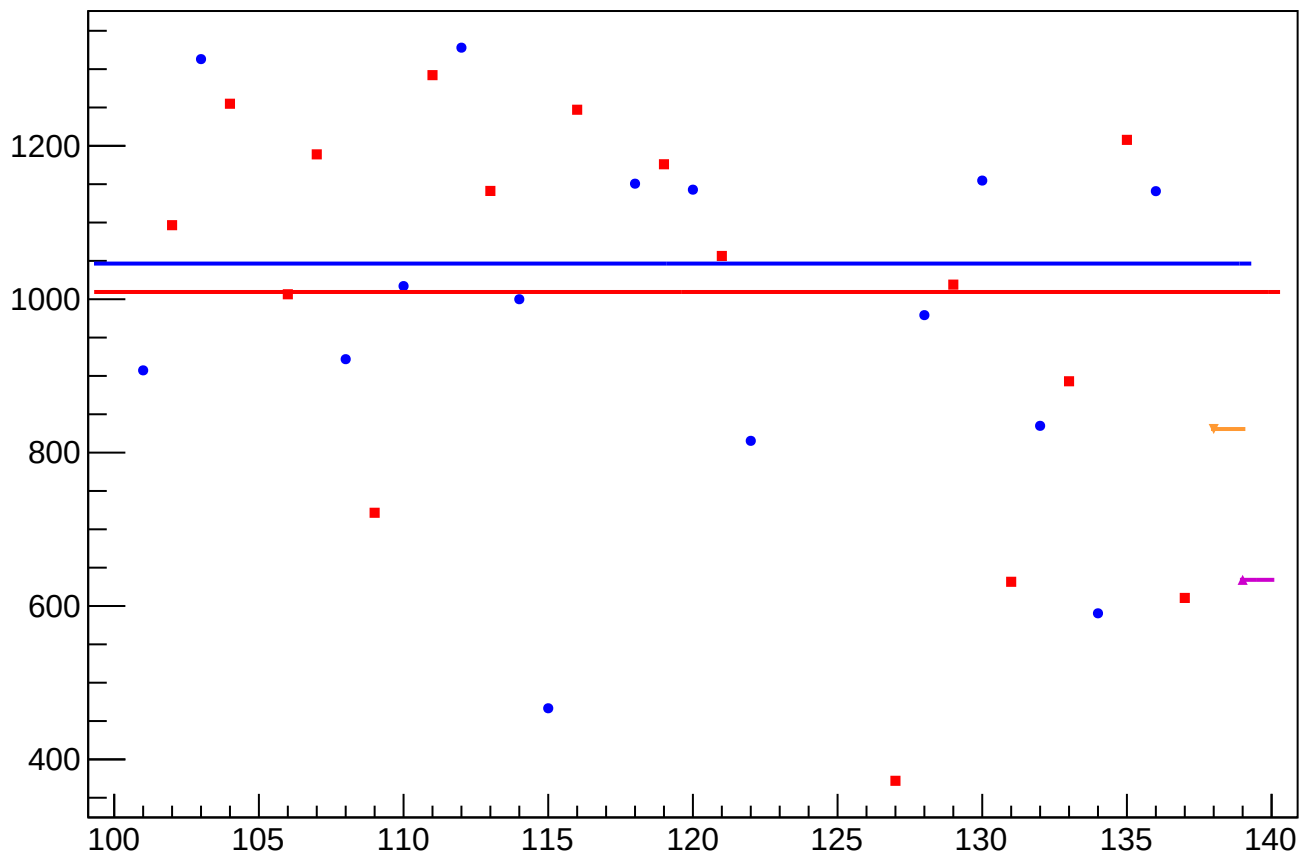
377.391+/-0.000 χ^2/NDF : 48461994827546695

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

400.479+/-0.000 χ^2/NDF : 57214435180642055

Left In: 814.125+/-0.000 χ^2/NDF : 633310.2/0

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

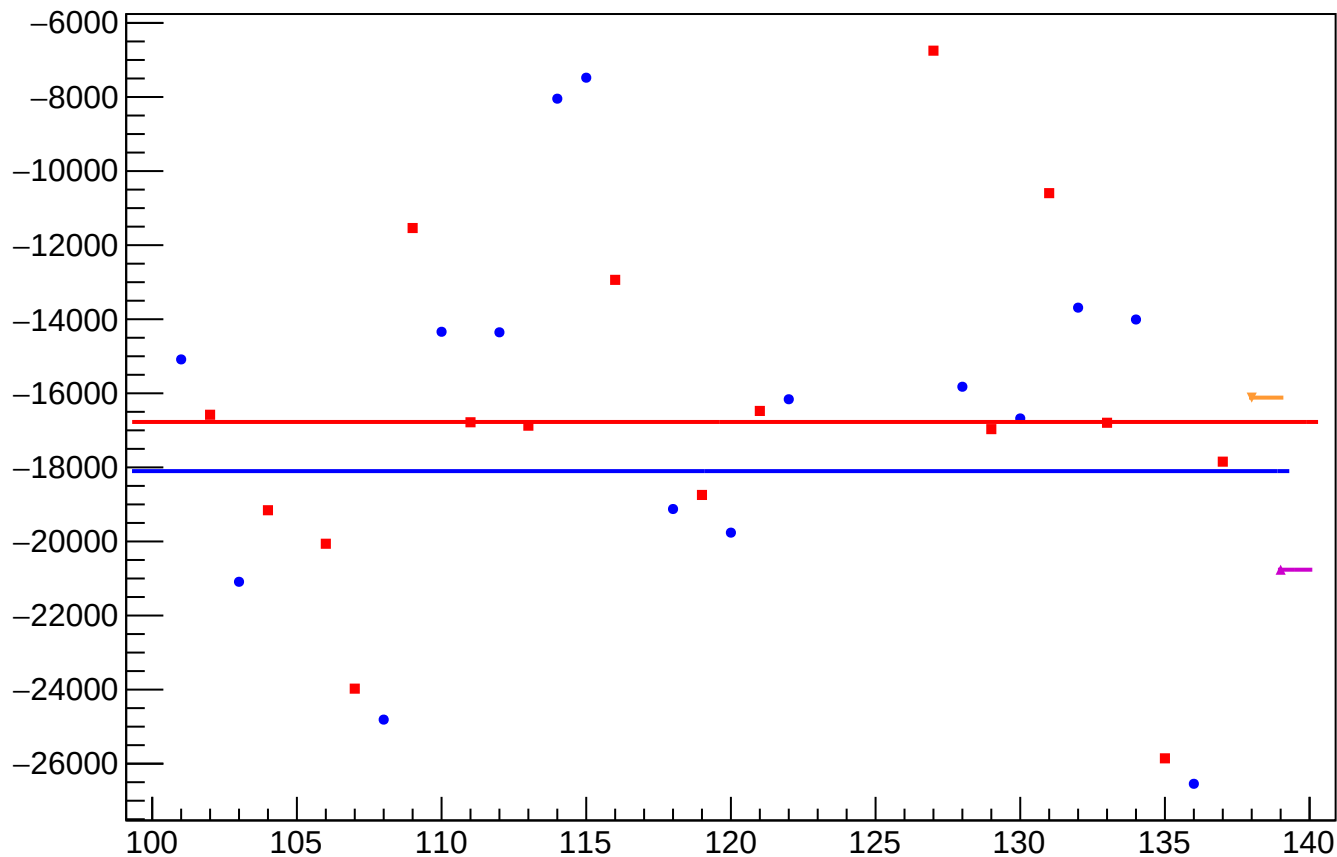
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

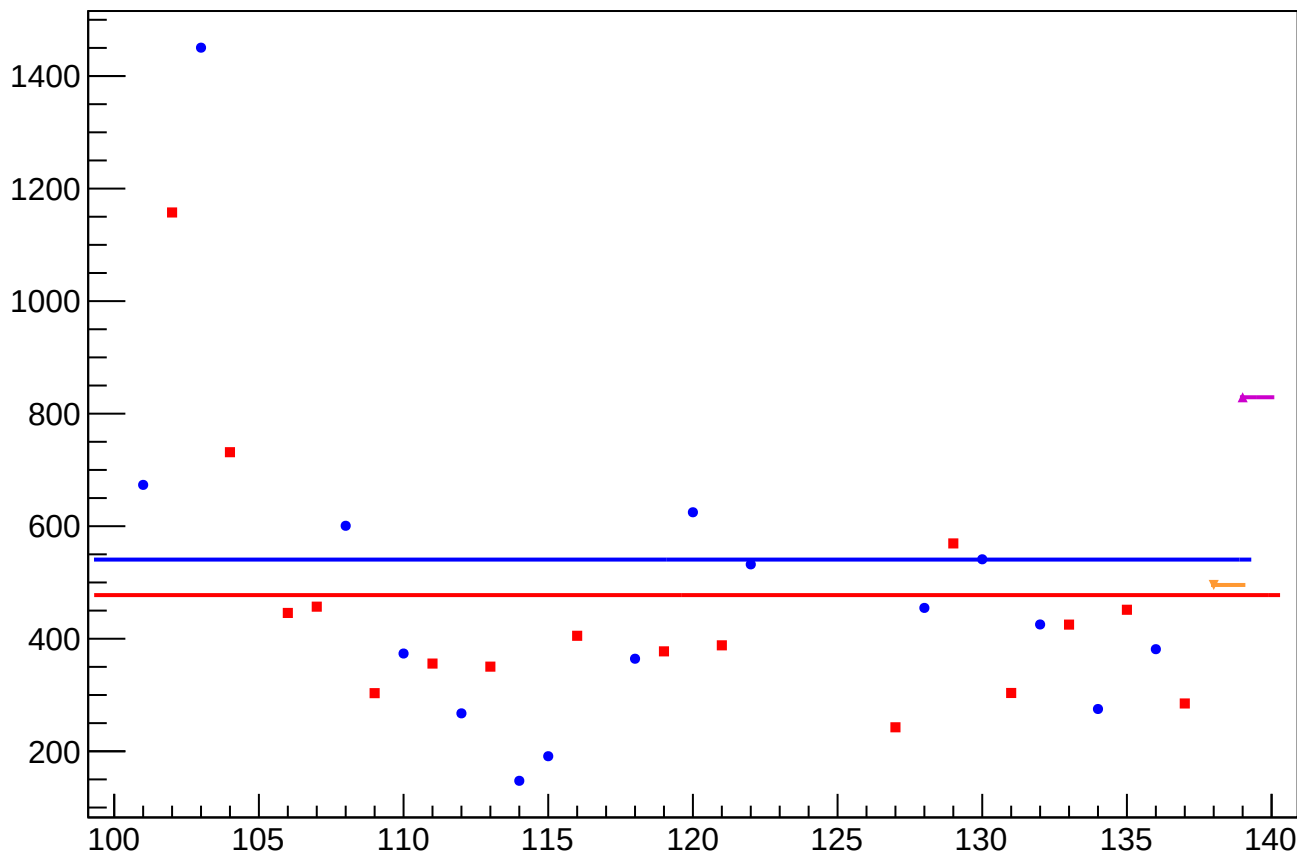
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_usr_coil1_mean vs Slug



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

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 495.550+/-0.000 χ^2/NDF : 0.0/0

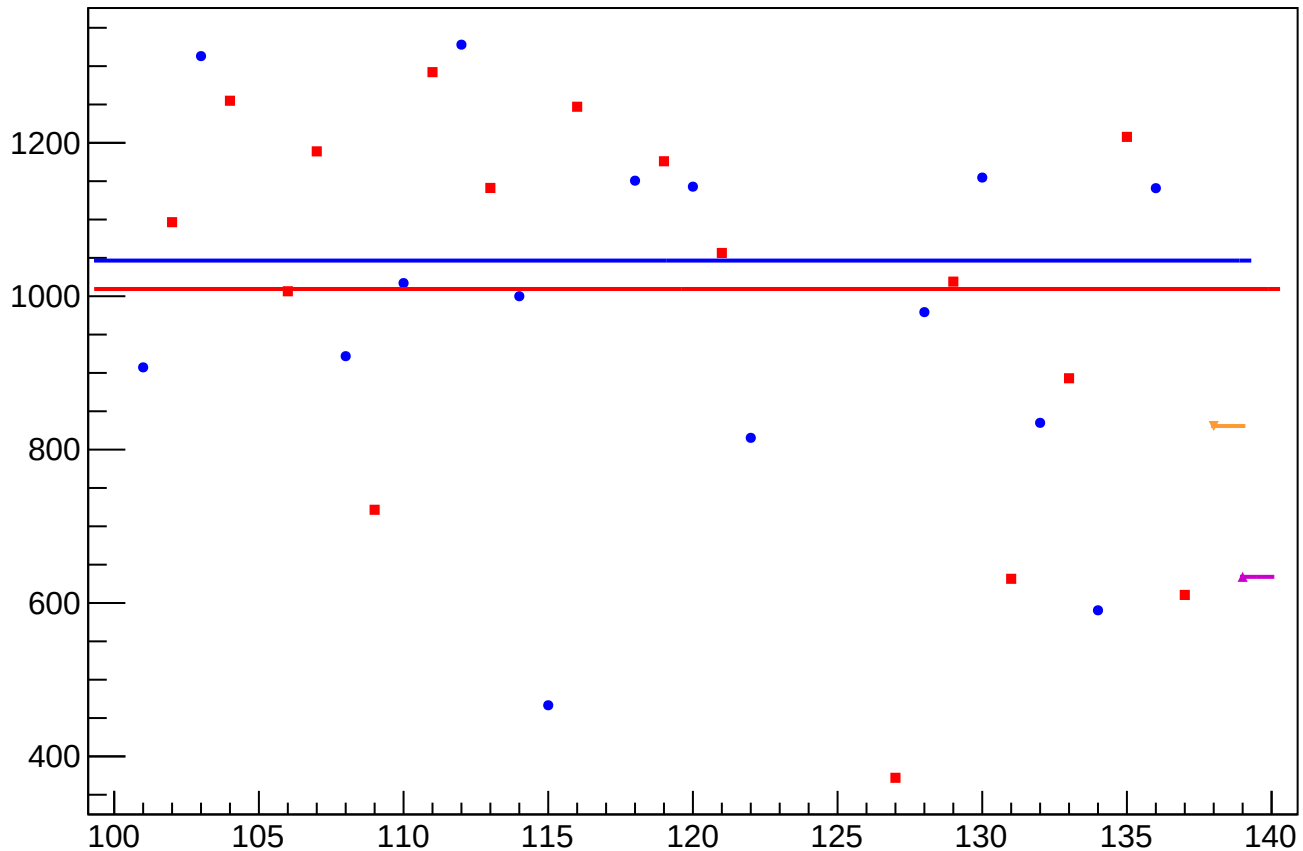
Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

Left In: 829.160+/-0.000 χ^2/NDF : 633310.2/0

535.822+/-0.000 χ^2/NDF : 64688527450312552

501.609+/-0.000 χ^2/NDF : 44441690496416690

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

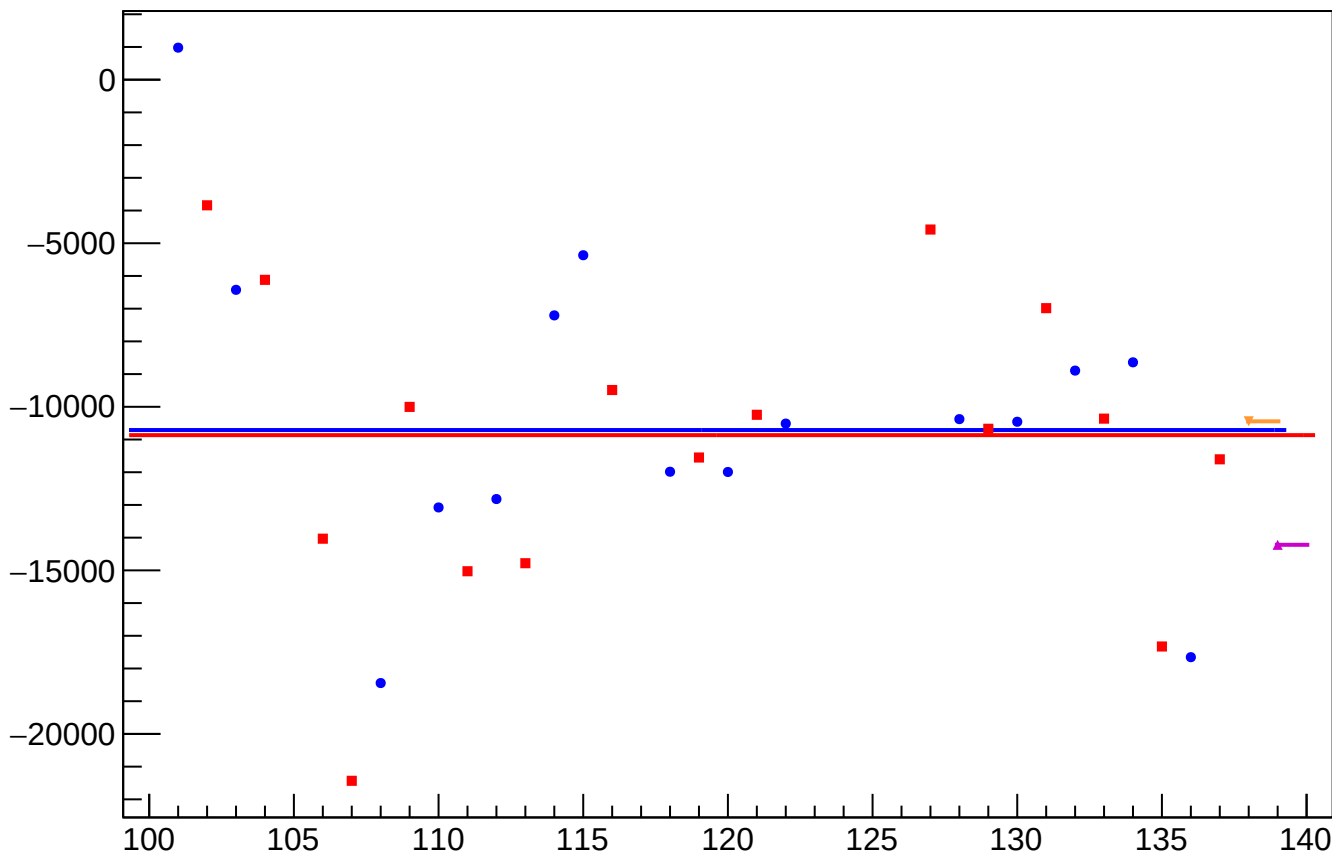
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

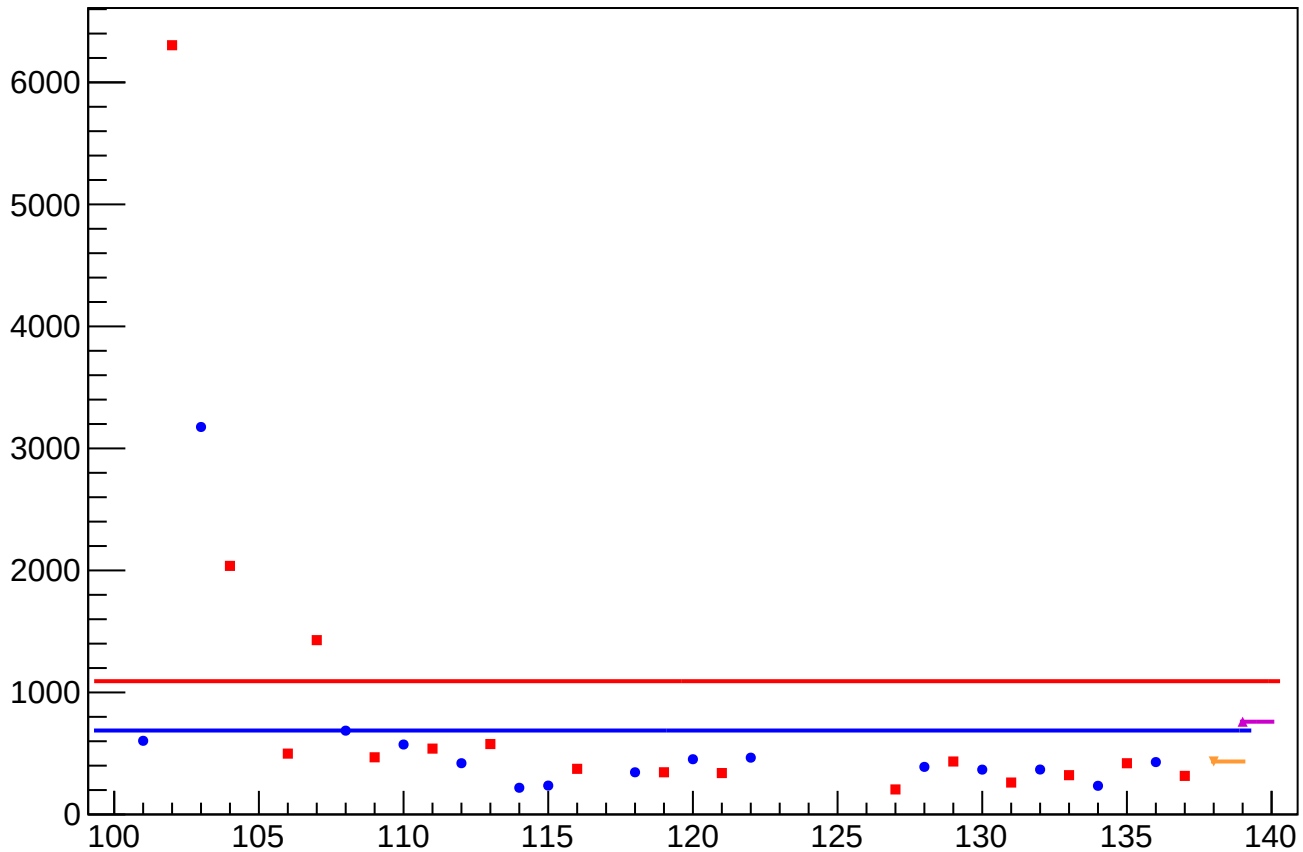
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14
 Left Out: -10443.742+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15
 Left In: -14218.980+/-0.000 χ^2/NDF : 162127400.1/0

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

Left Out: 434.084+/-0.000 χ^2/NDF : 252031.6/0

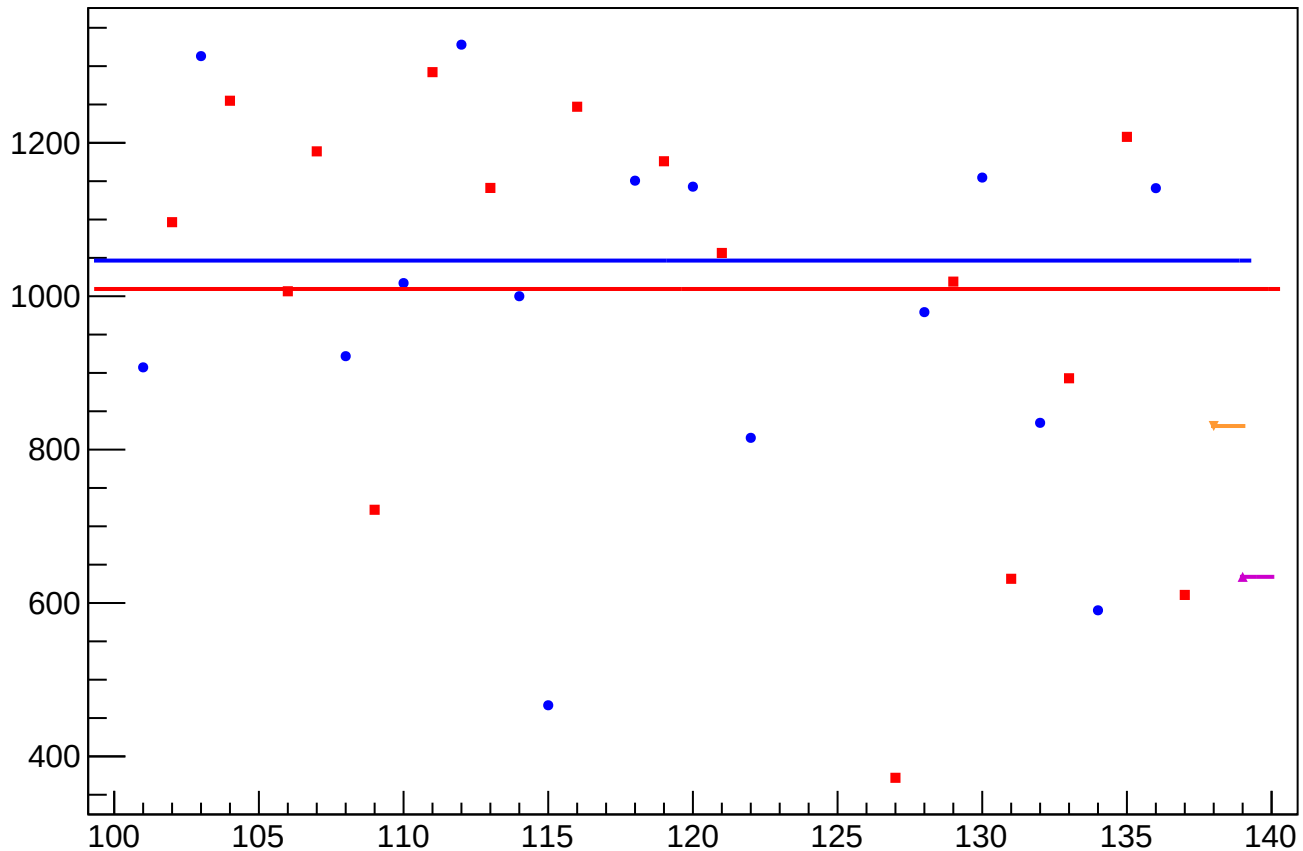
Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

Left In: 760.145+/-0.000 χ^2/NDF : 0.0/0

660.703+/-0.000 χ^2/NDF : 41378432742841860

1069.536+/-0.000 χ^2/NDF : 1888233126603049

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

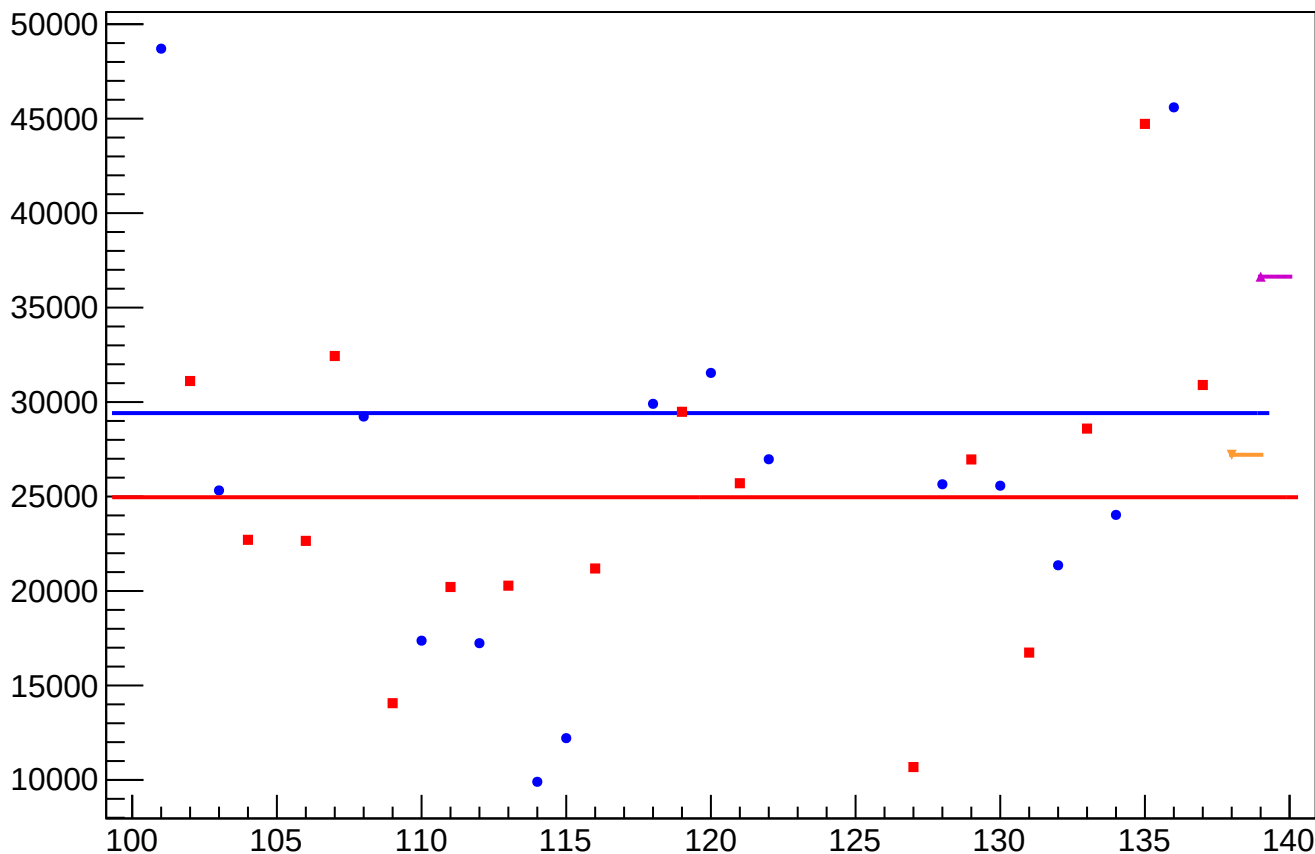
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

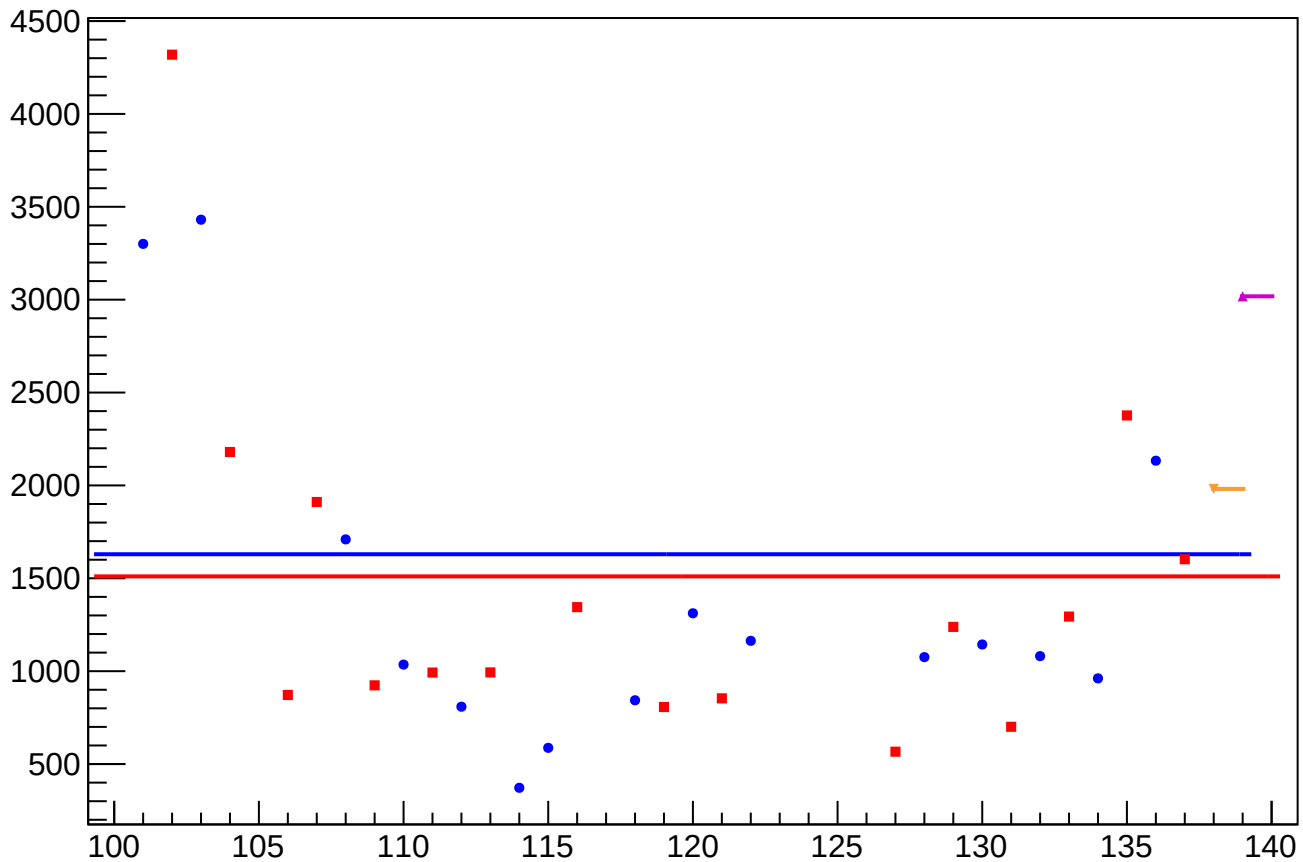
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_atl2_coil1_mean vs Slug



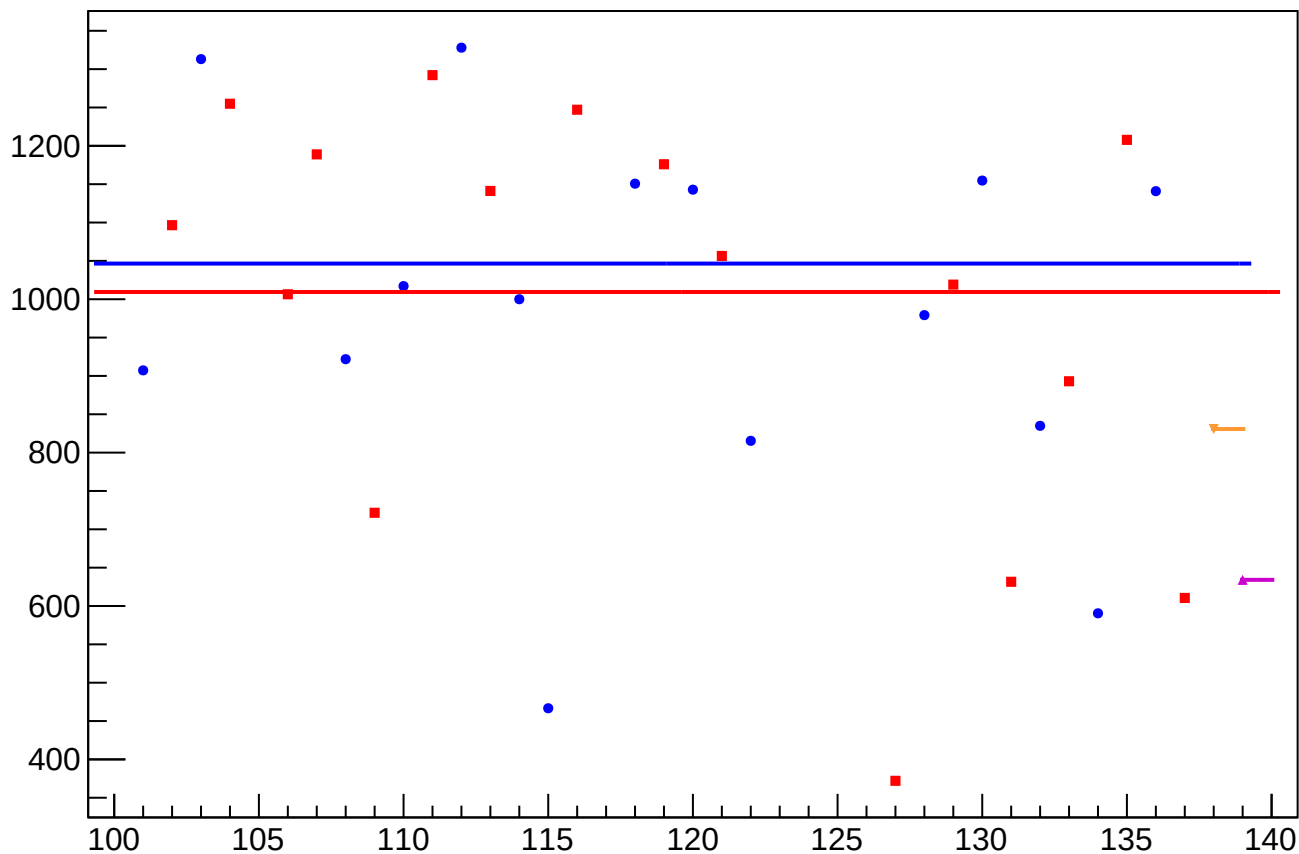
Right In: 29415.830+/-0.000 χ^2/NDF : 71764989638928082906774979753894809174016.0/14
 Left Out: 27209.193+/-0.000 χ^2/NDF : 1032321404.5/0
 Right Out: 24963.010+/-0.000 χ^2/NDF : 45631572920122171972835961685494315614208.0/15
 Left In: 36637.758+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug



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



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

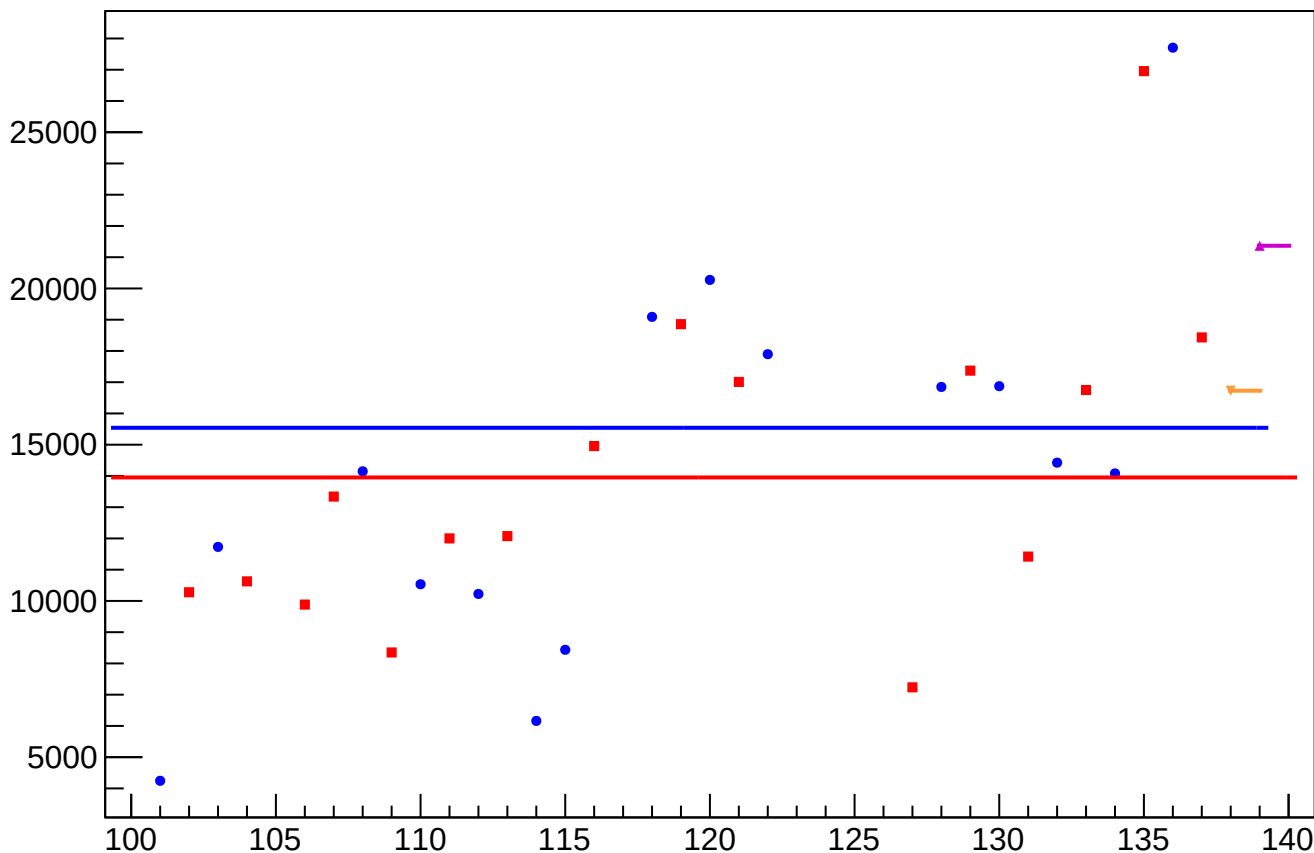
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

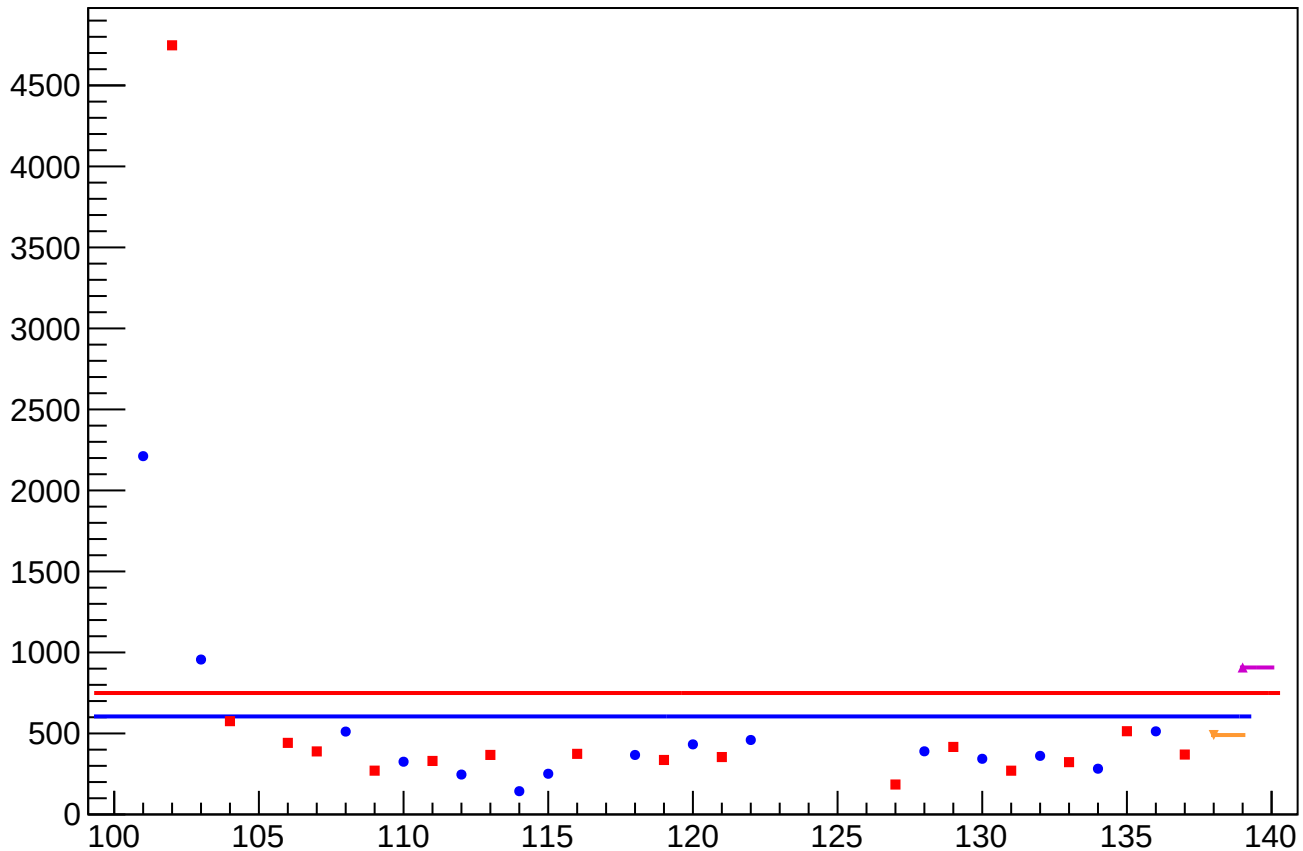
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_atr1_coil1_mean vs Slug



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



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 490.244+/-0.000 χ^2/NDF : 252031.6/0

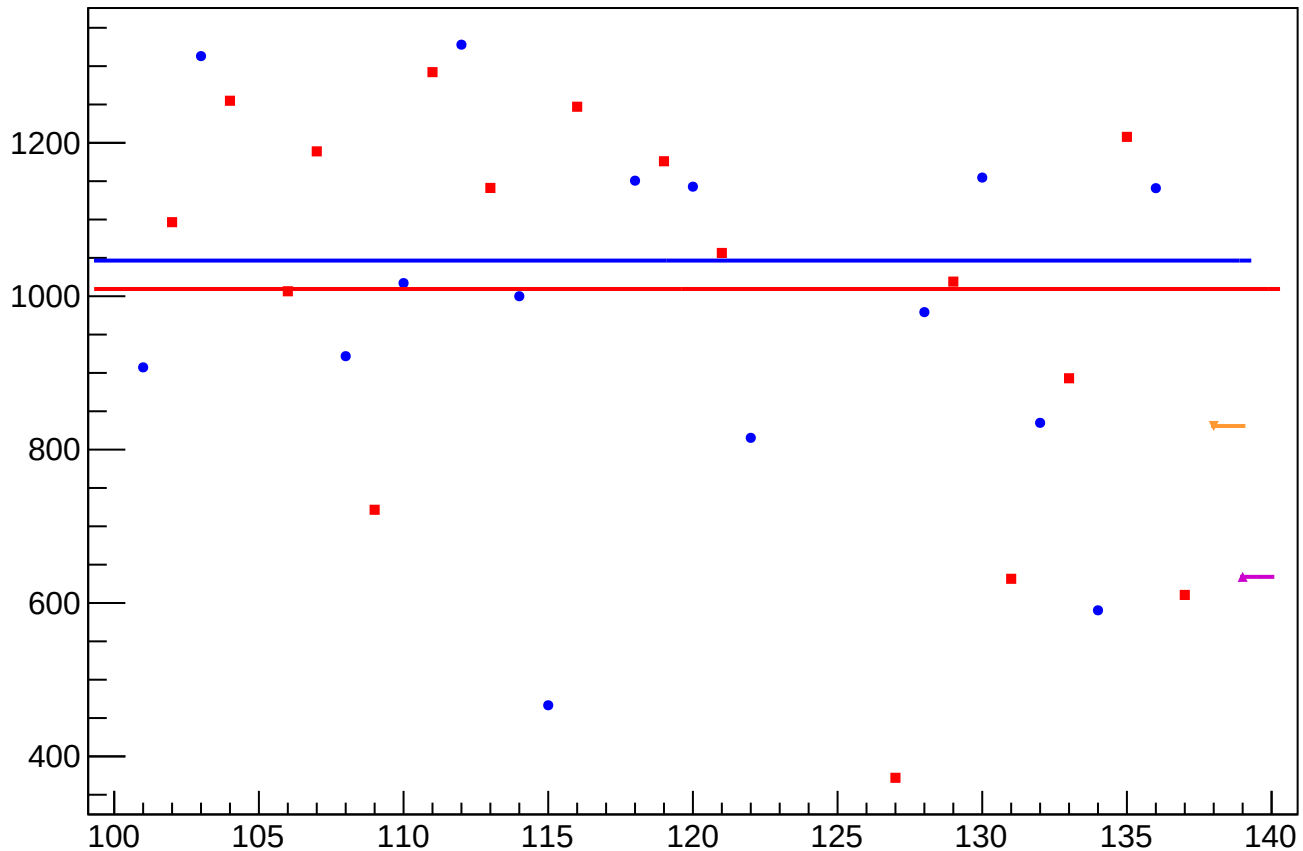
Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

Left In: 907.230+/-0.000 χ^2/NDF : 0.0/0

592.718+/-0.000 χ^2/NDF : 19031903417864784

760.371+/-0.000 χ^2/NDF : 10224932145692183

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

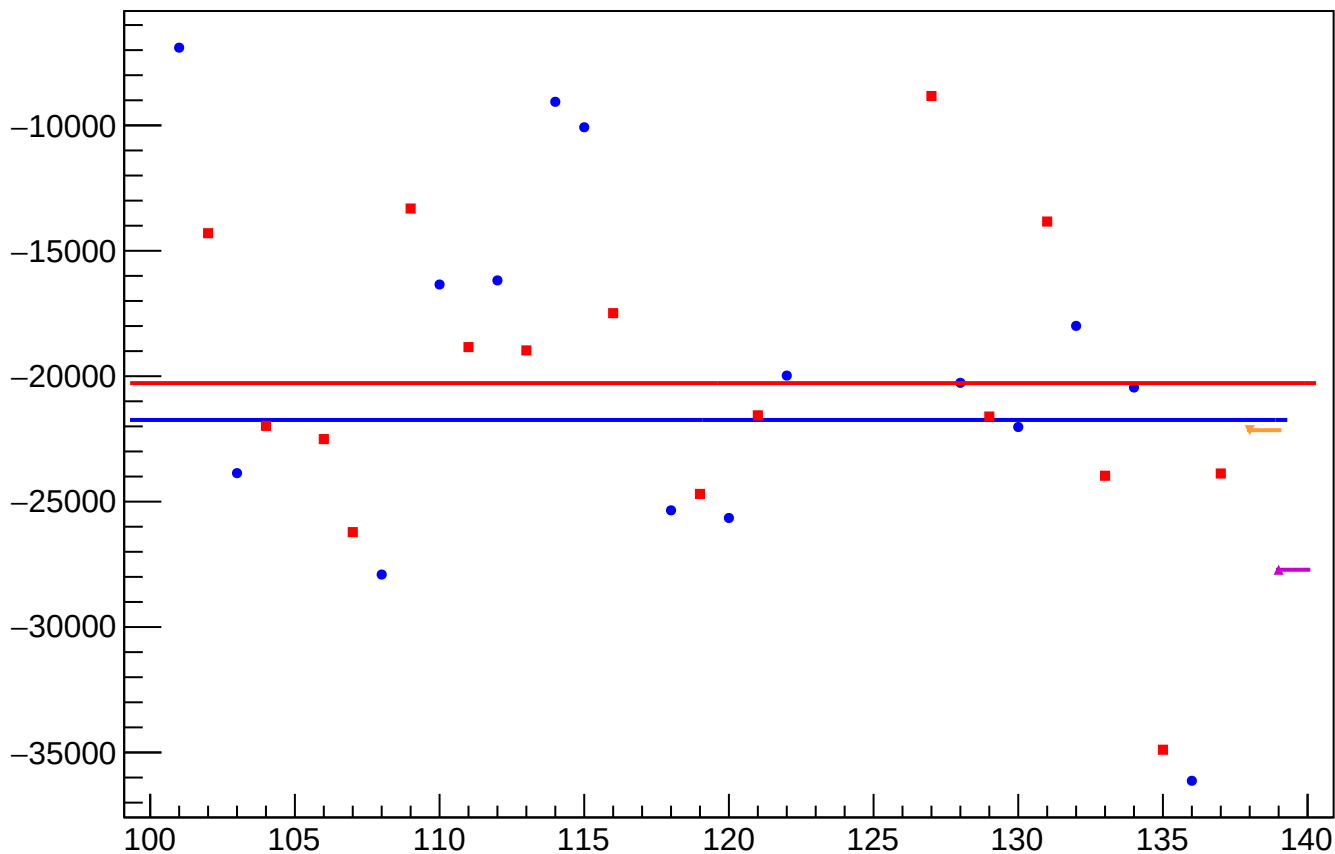
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

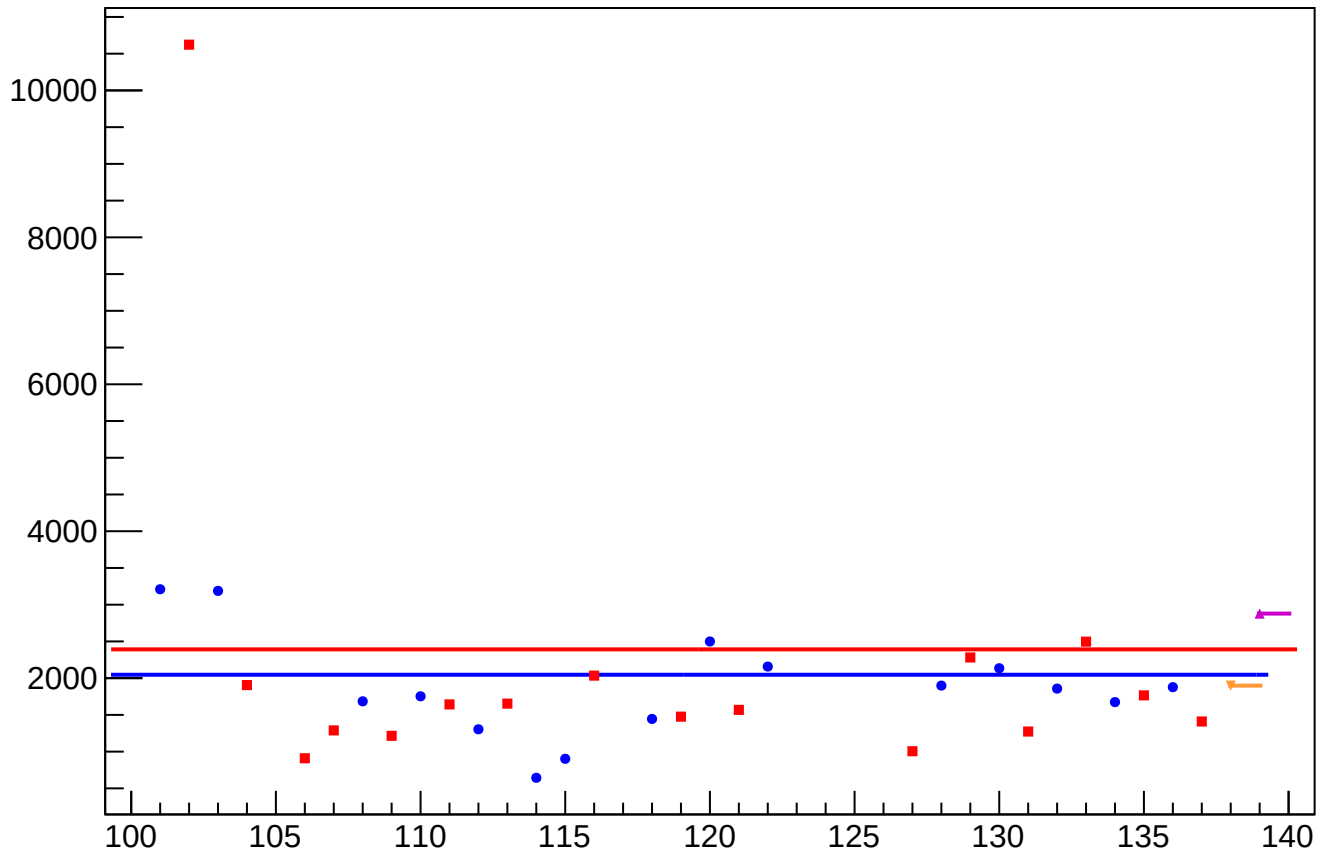
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_atr2_coil1_mean vs Slug



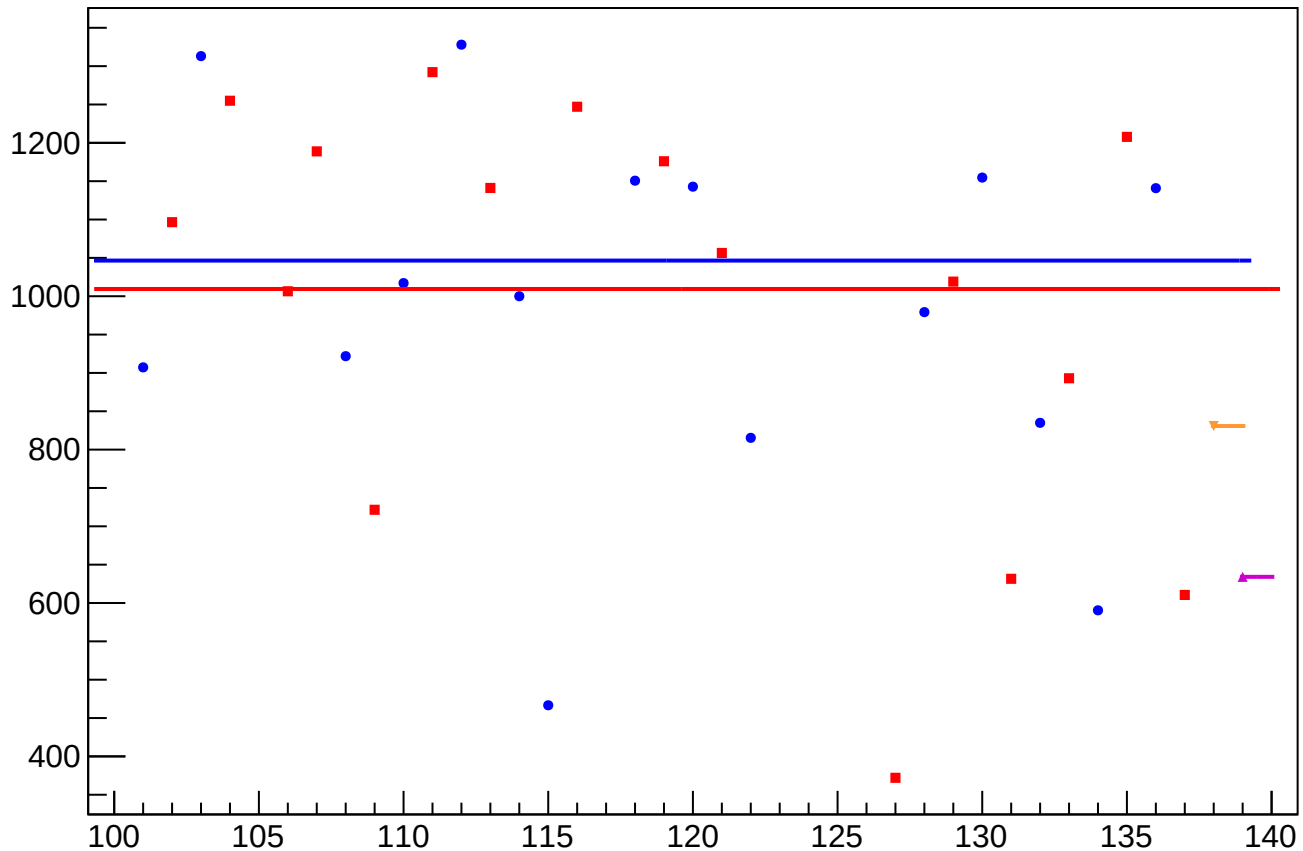
Right In: -21743.360 ± 0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -22151.984 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -20275.415 ± 0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -27715.406 ± 0.000 χ^2/NDF : 648509600.2/0

dit_atr2_coil1_err_mean vs Slug



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



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

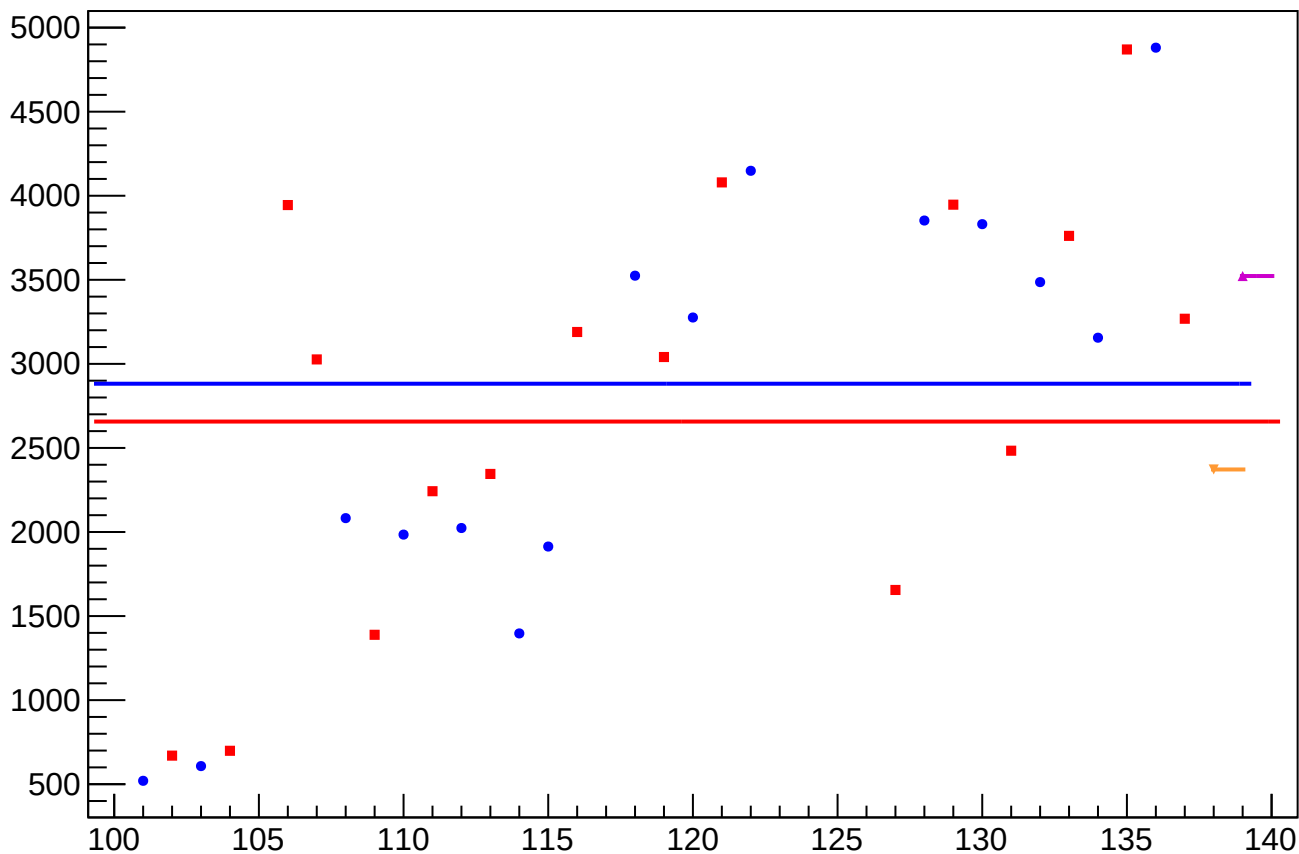
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

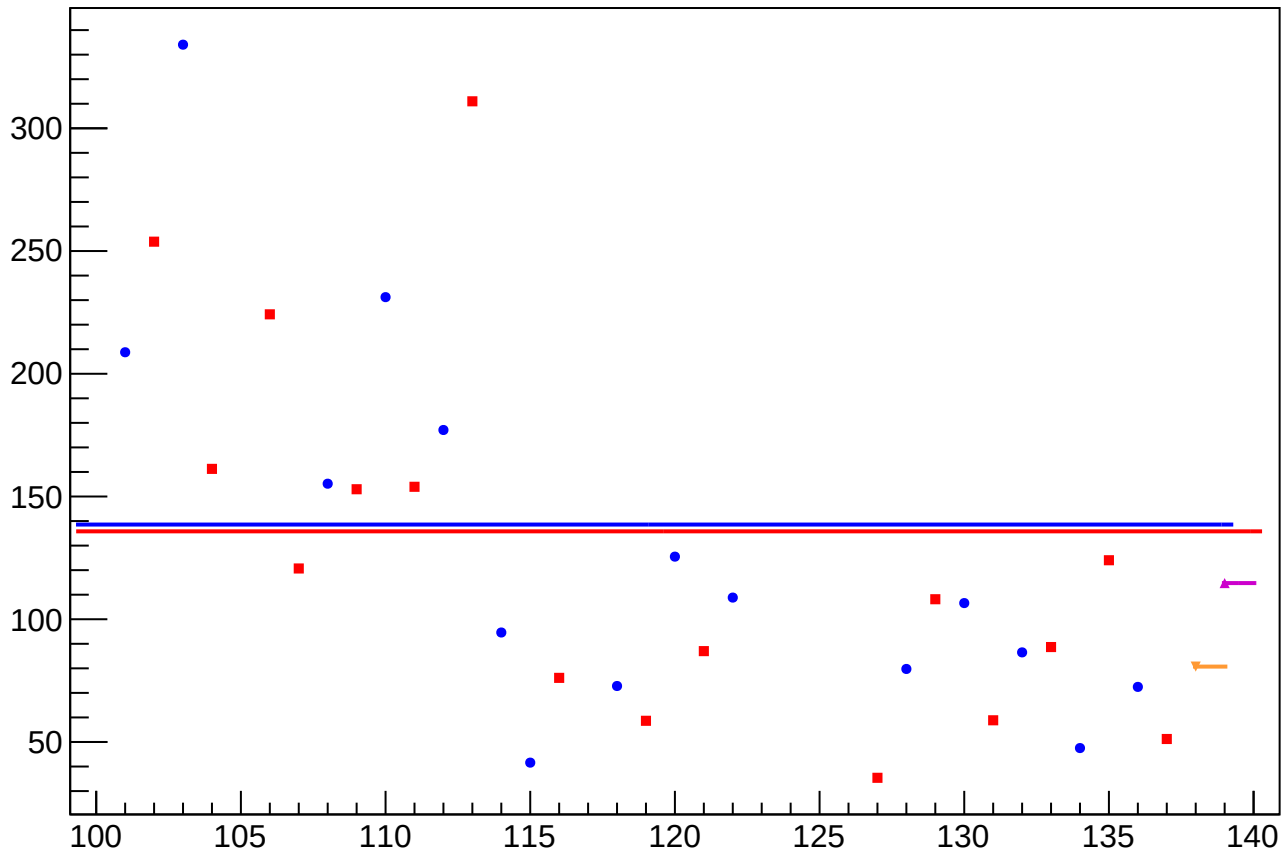
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_sam1_coil1_mean vs Slug



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



Right In: 138.577+/-0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14

Left Out: 80.711+/-0.000 χ^2/NDF : 0.0/0

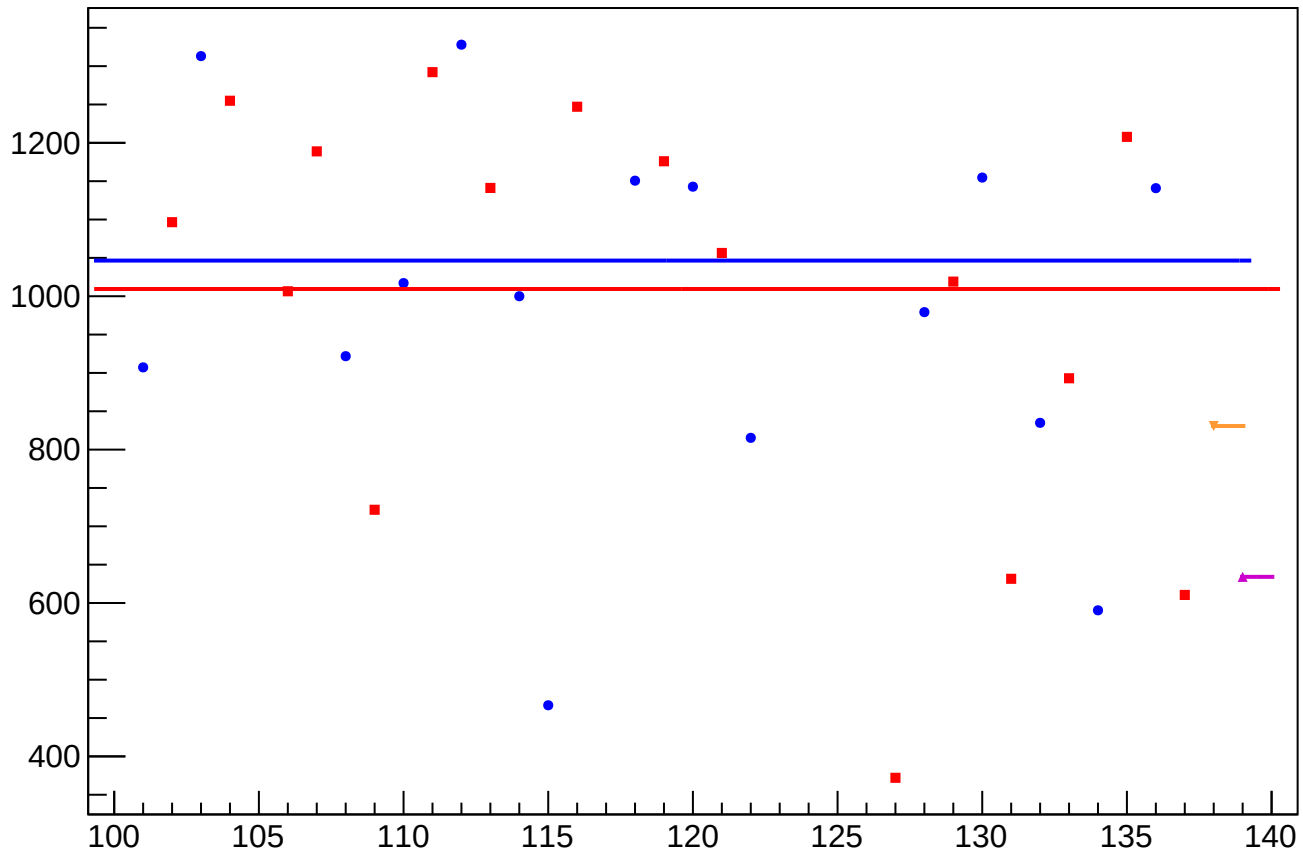
Right Out: 135.809+/-0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15

Left In: 114.734+/-0.000 χ^2/NDF : 0.0/0

132.369+/-0.000 χ^2/NDF : 4475527690576580

134.366+/-0.000 χ^2/NDF : 3976676229186545

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

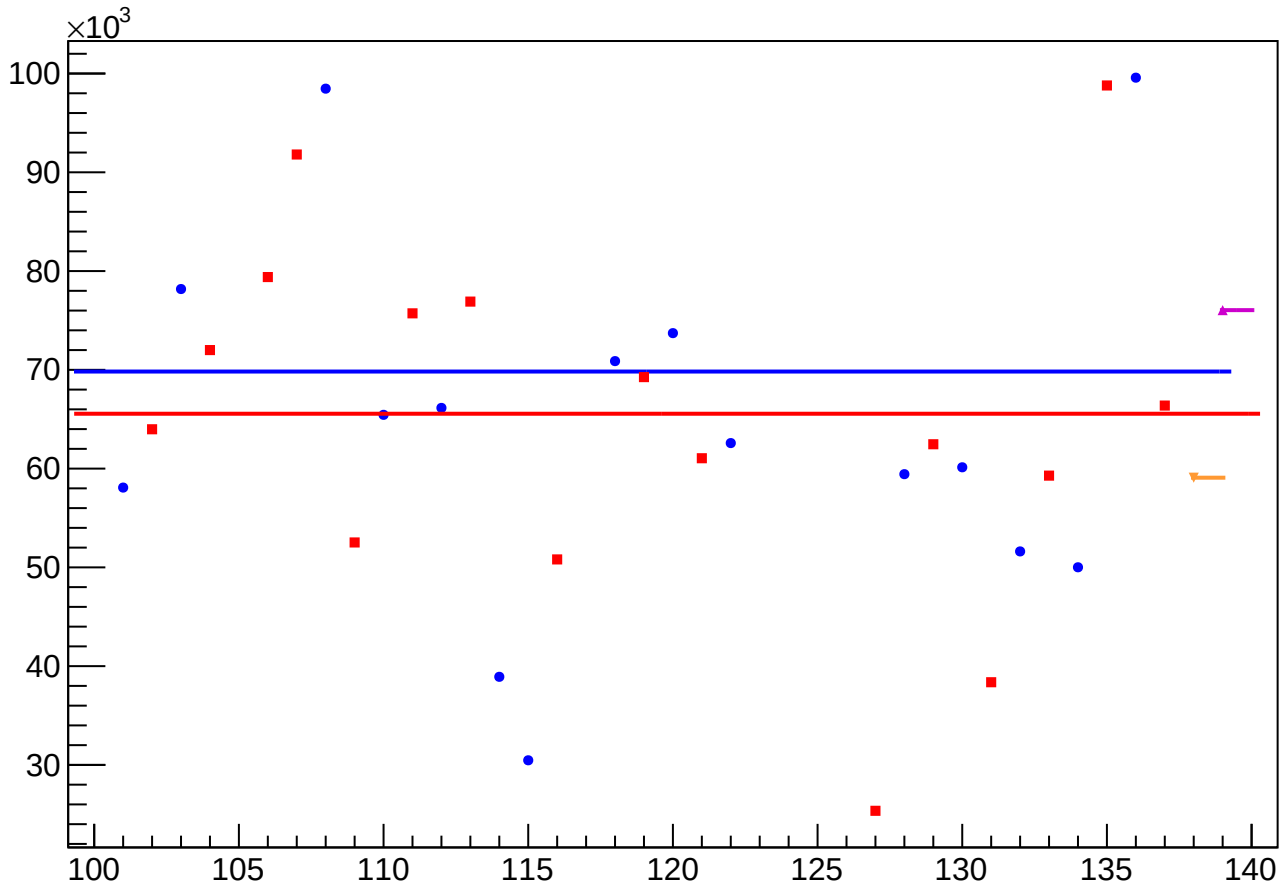
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

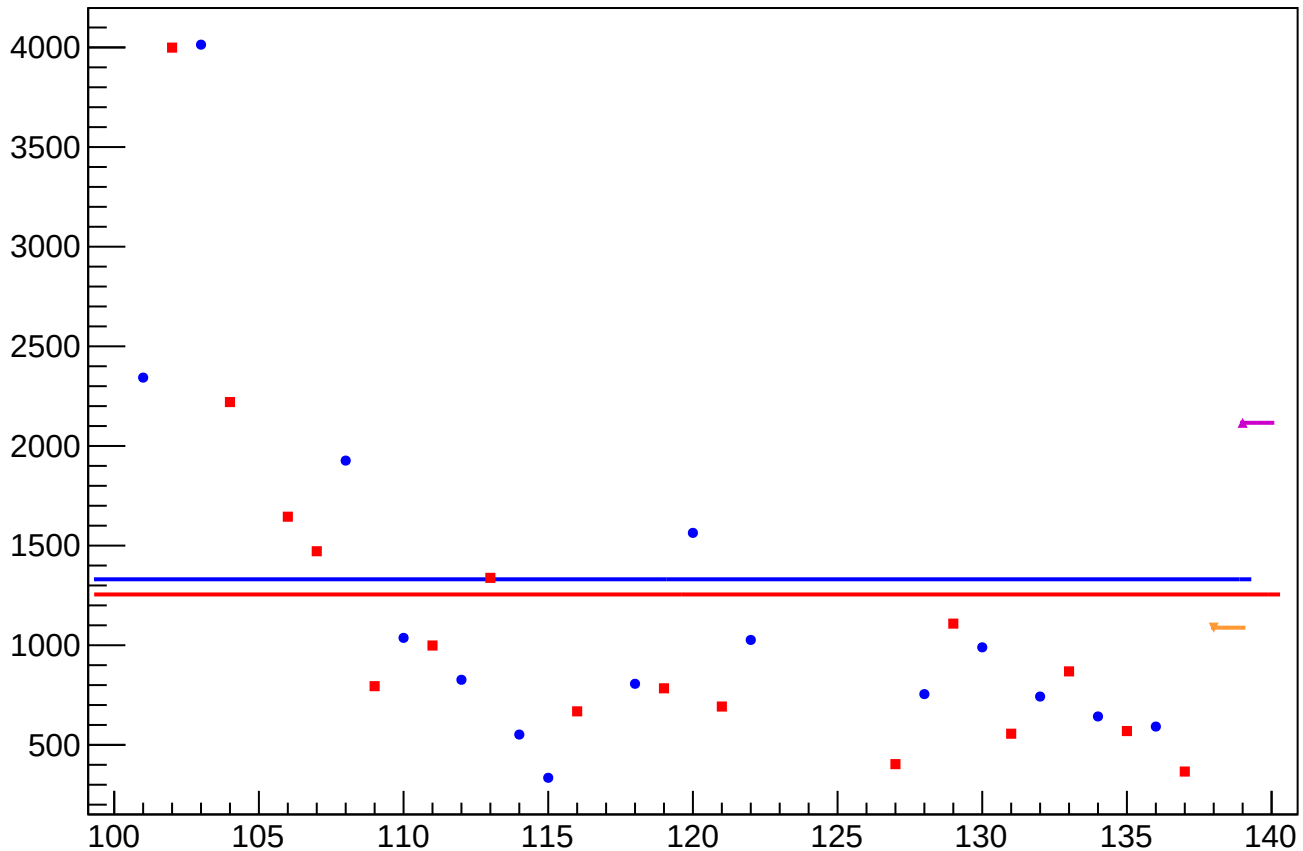
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_sam2_coil1_mean vs Slug



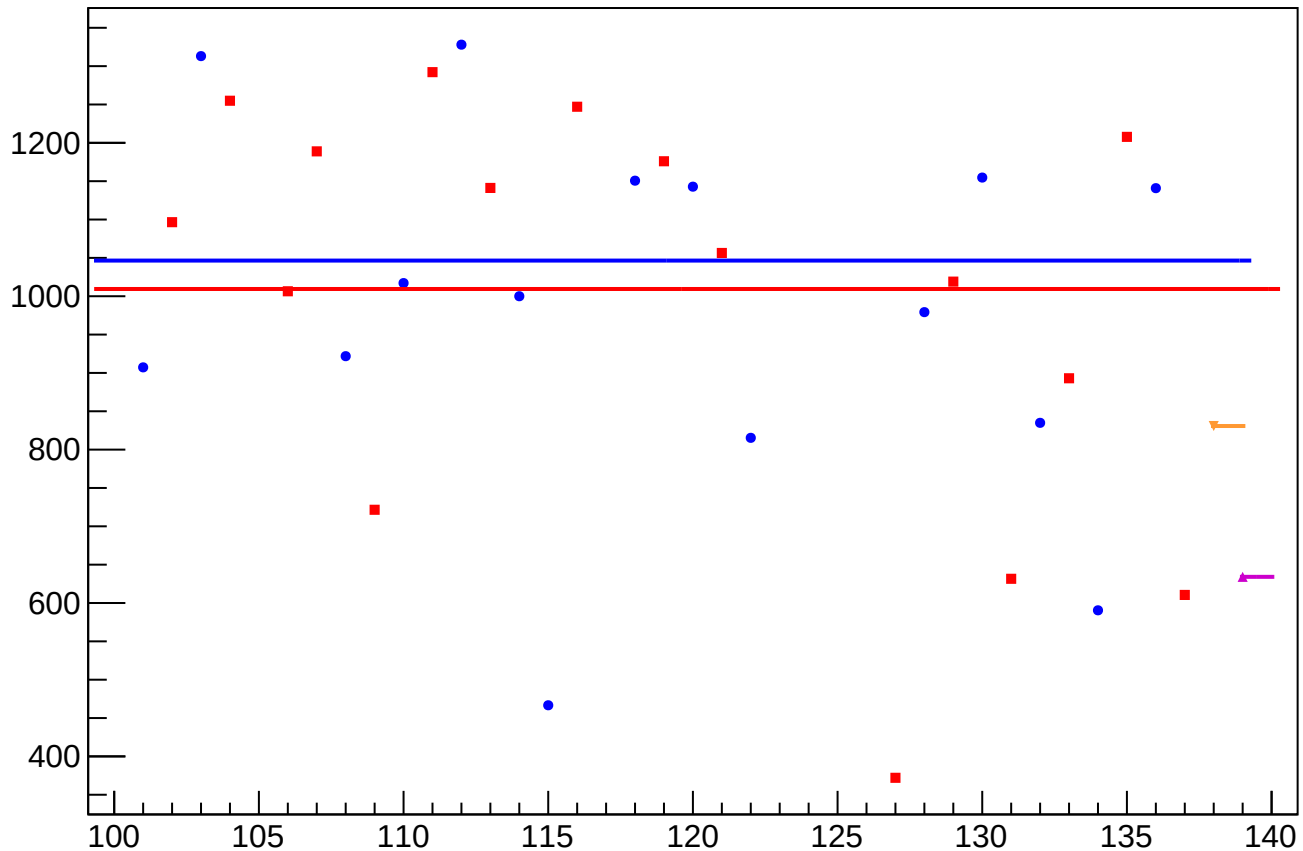
Right In: 69827.797 ± 0.000 χ^2/NDF : 187803282116493131197684060541288926150656.0/14
 Left Out: 59079.691 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 65555.147 ± 0.000 χ^2/NDF : 212001467811386750910625783195999741673472.0/15
 Left In: 76044.427 ± 0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug



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



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

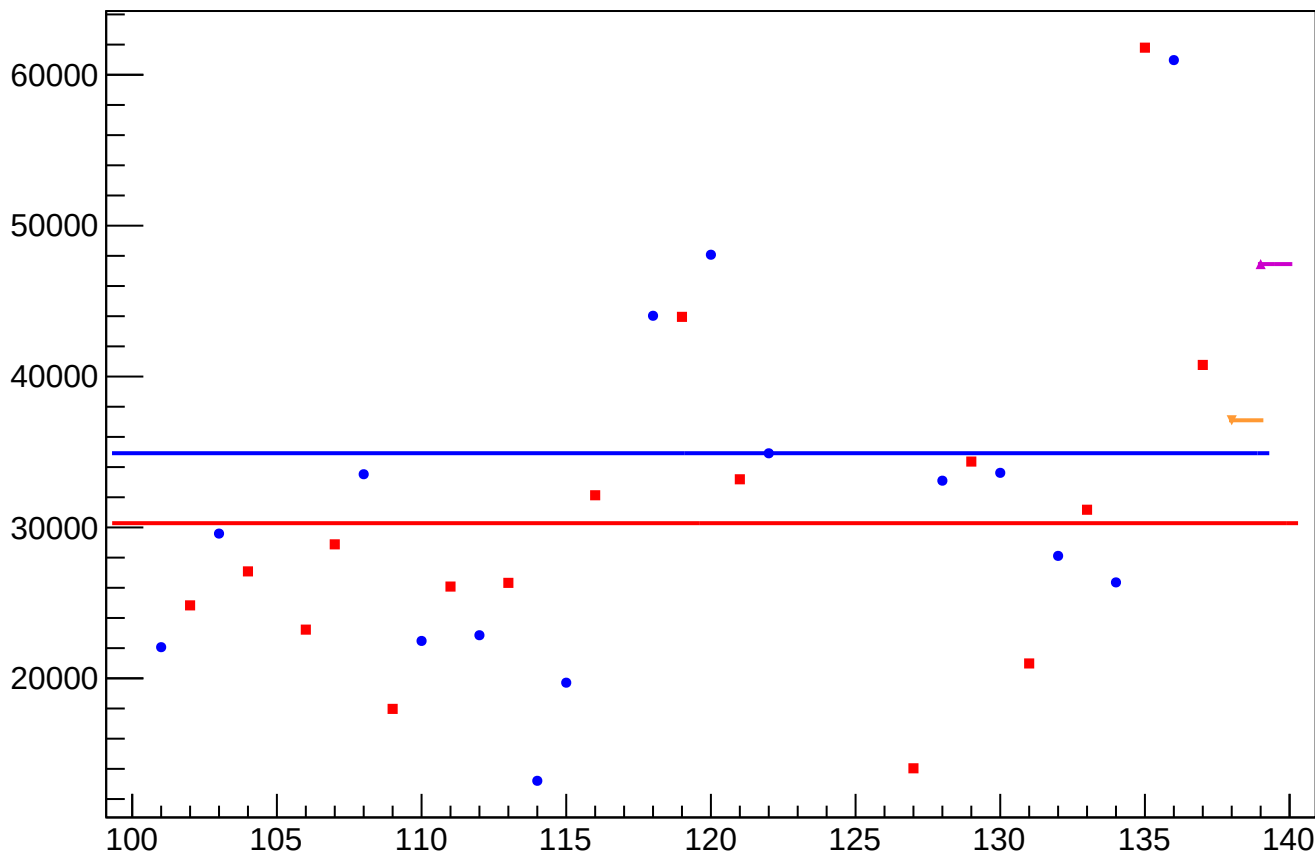
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

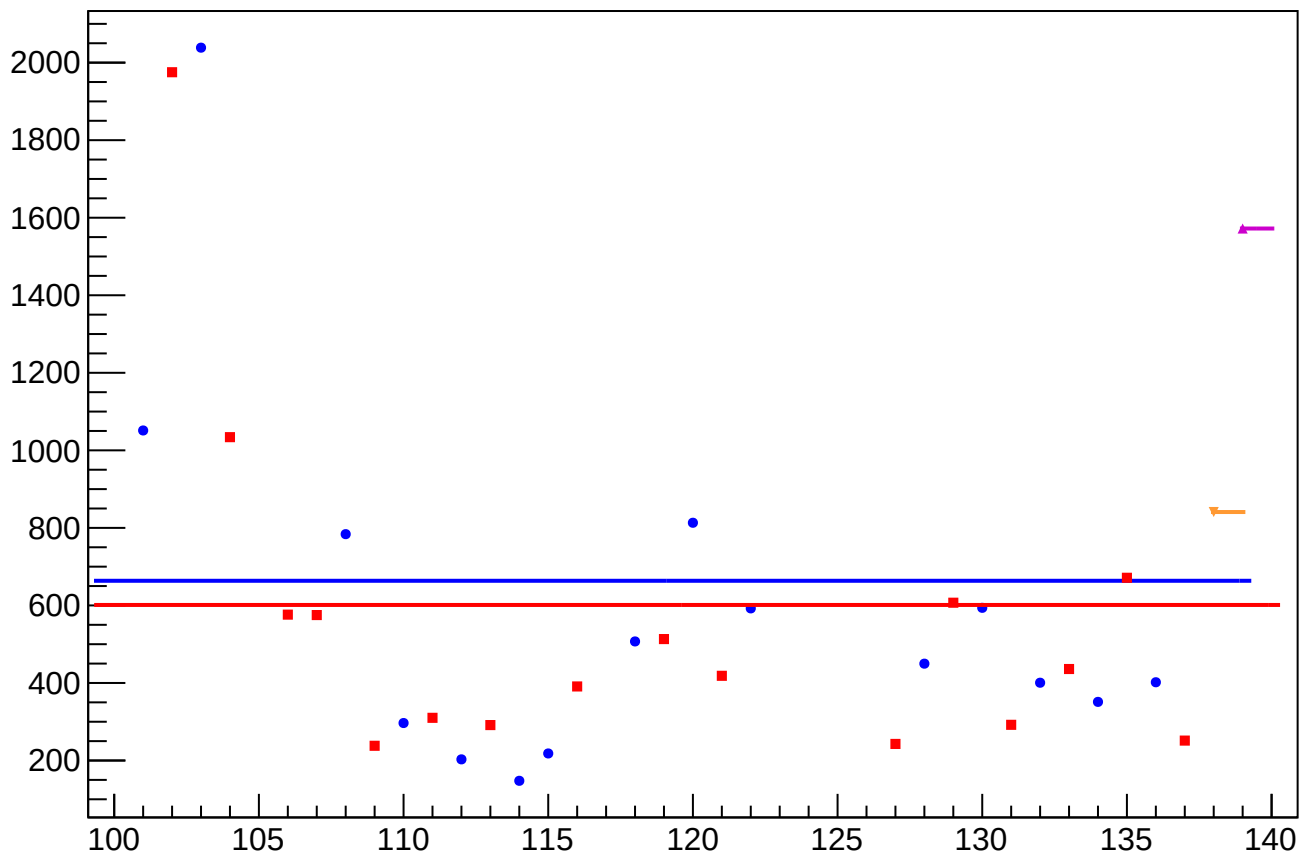
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_sam3_coil1_mean vs Slug



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



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 840.919+/-0.000 χ^2/NDF : 0.0/0

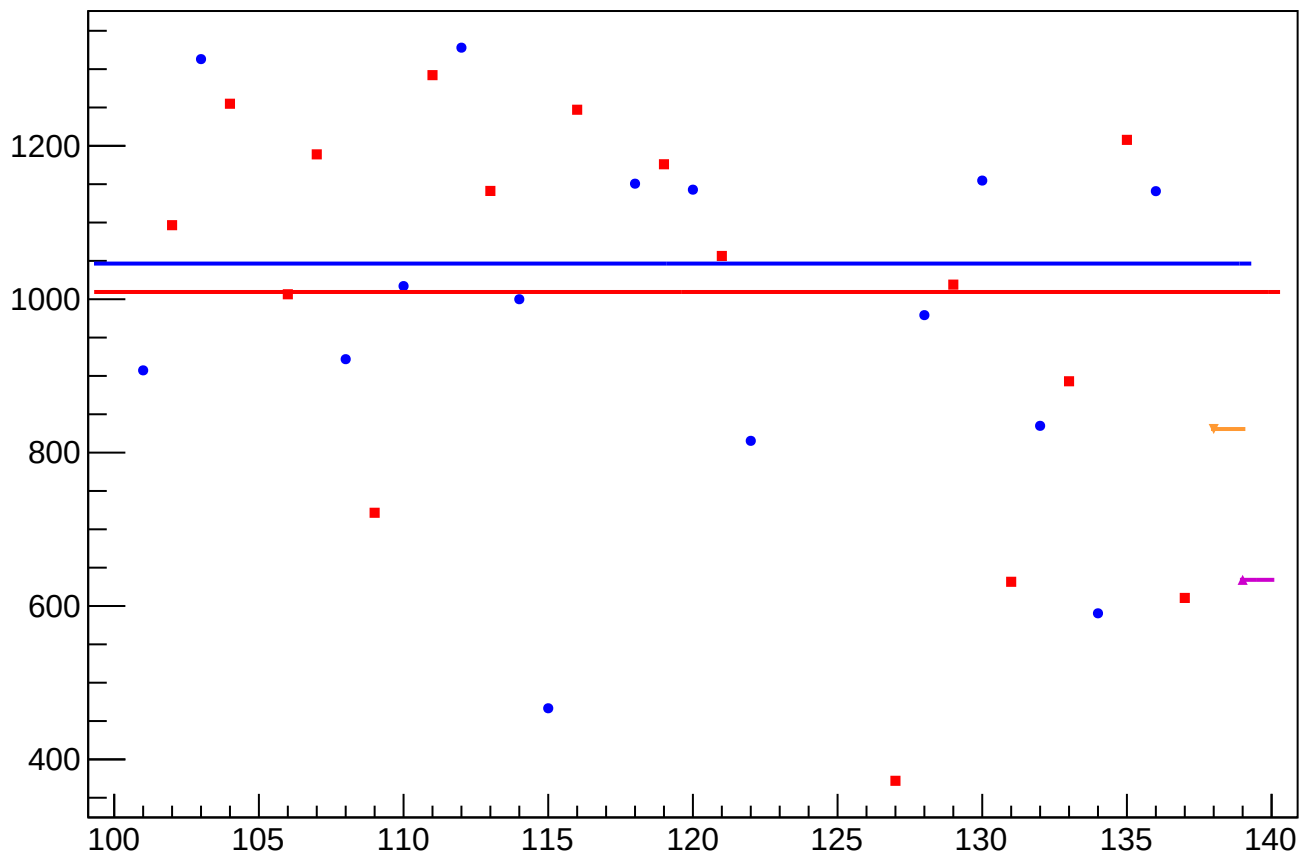
Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

Left In: 1572.143+/-0.000 χ^2/NDF : 0.0/0

682.601+/-0.000 χ^2/NDF : 15988181941250874

667.662+/-0.000 χ^2/NDF : 19274894107635018

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

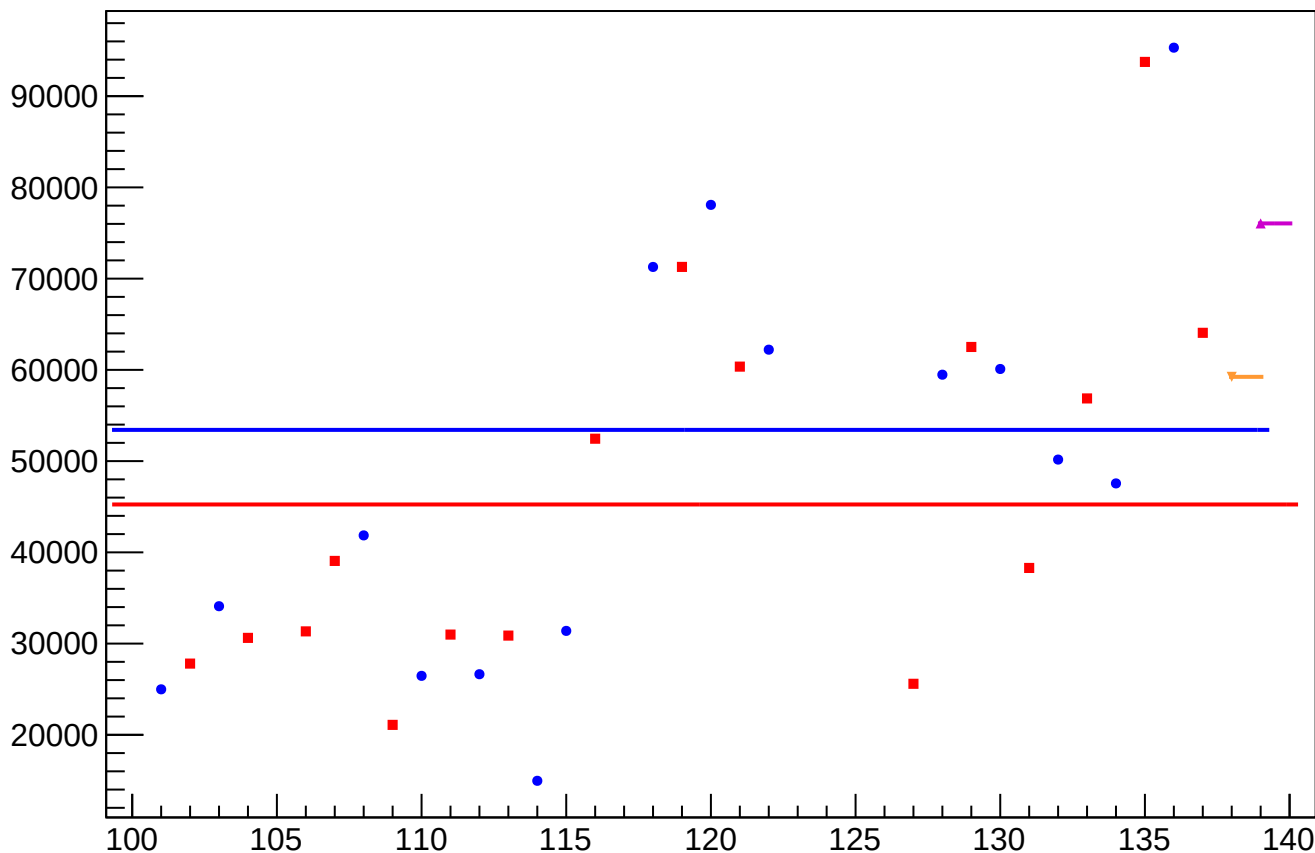
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

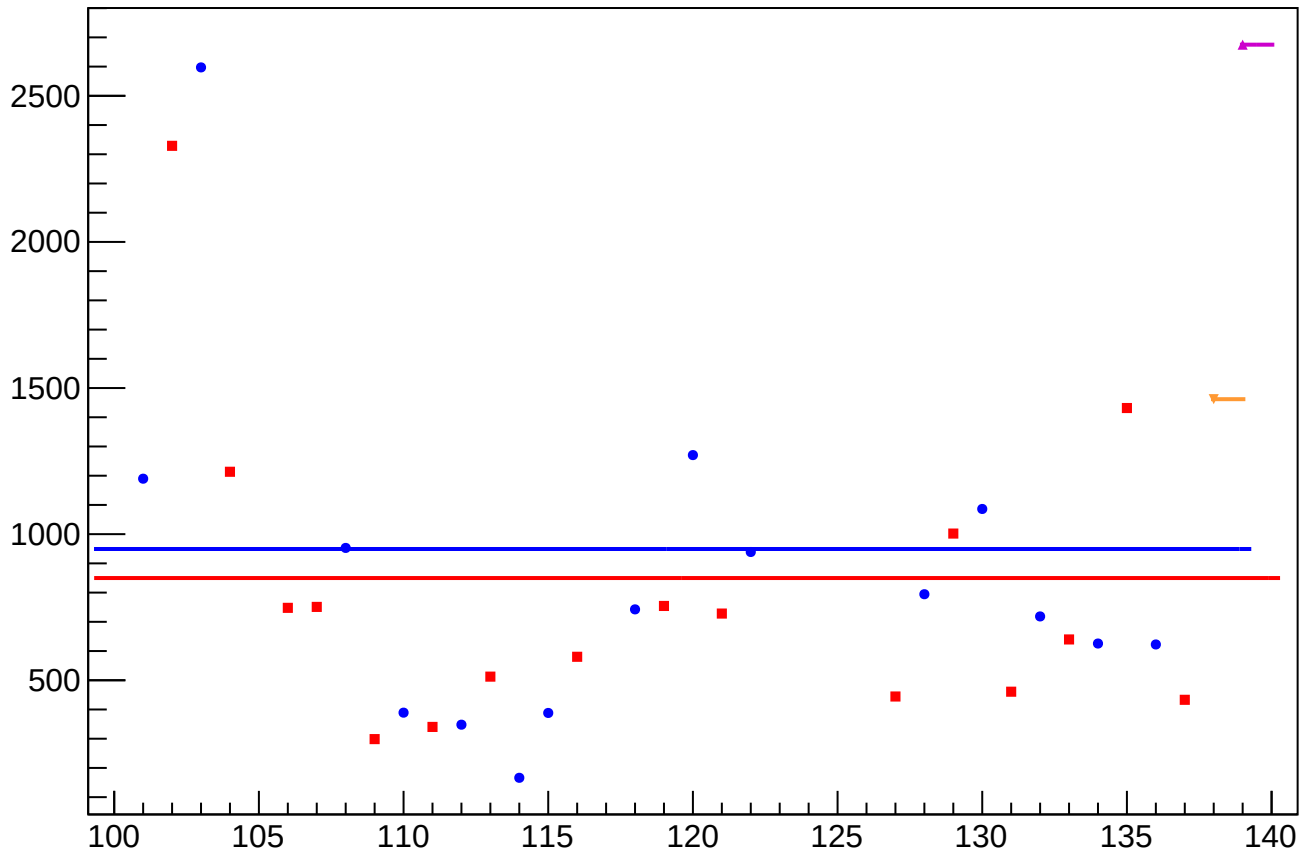
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_sam4_coil1_mean vs Slug



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



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1461.880+/-0.000 χ^2/NDF : 0.0/0

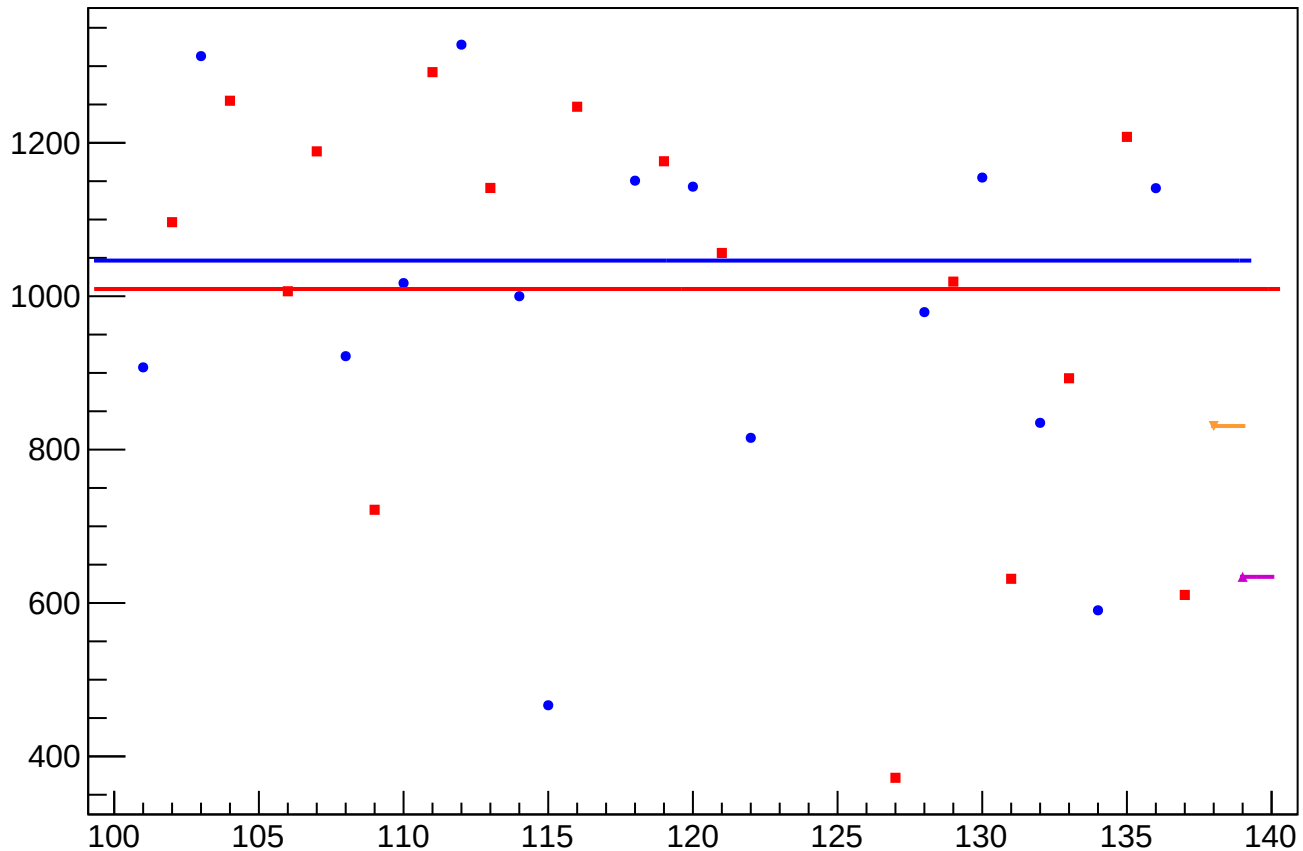
Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

Left In: 2675.027+/-0.000 χ^2/NDF : 0.0/0

1004.203+/-0.000 χ^2/NDF : 2439931847707929

974.736+/-0.000 χ^2/NDF : 35668754046392022

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

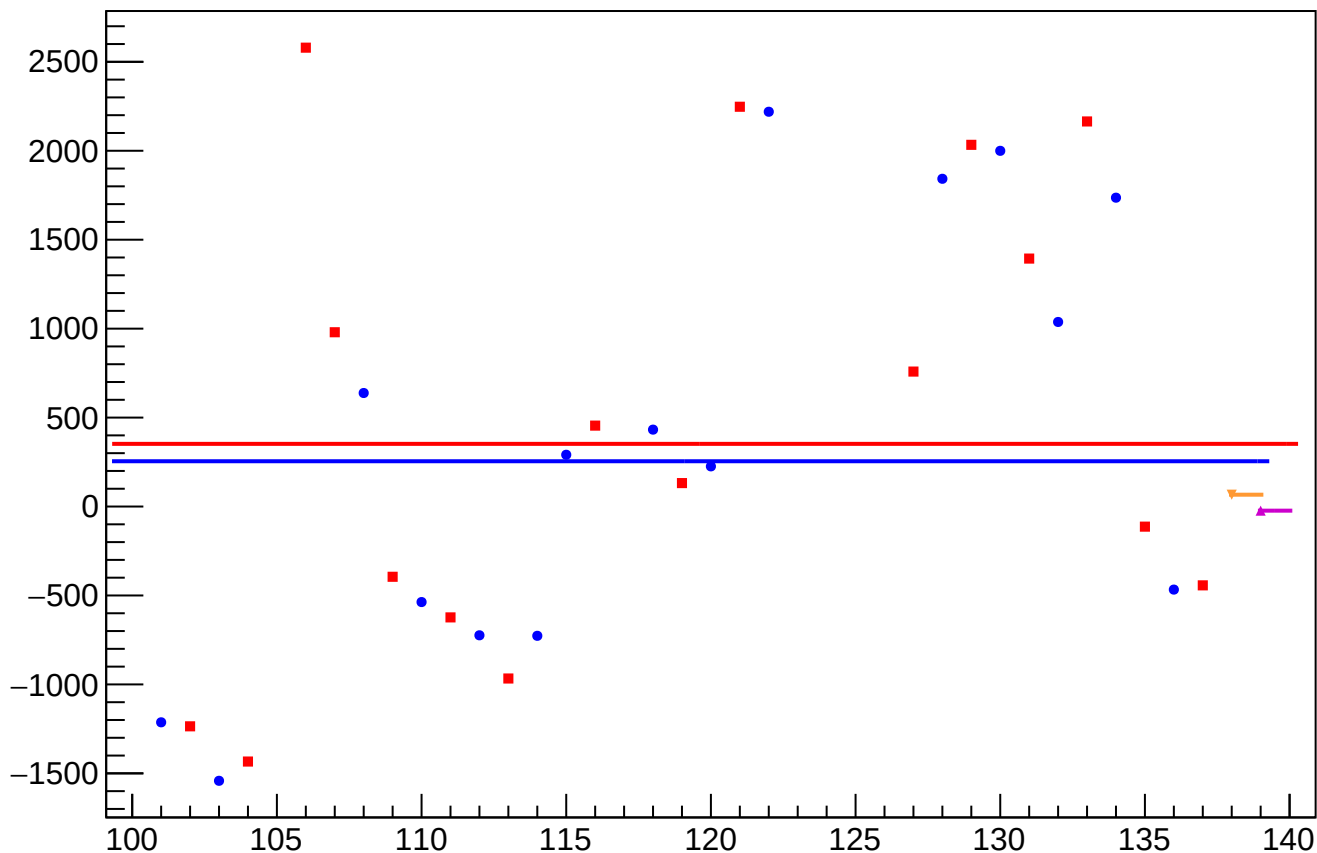
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: 66.541+/-0.000 χ^2/NDF : 0.0/0

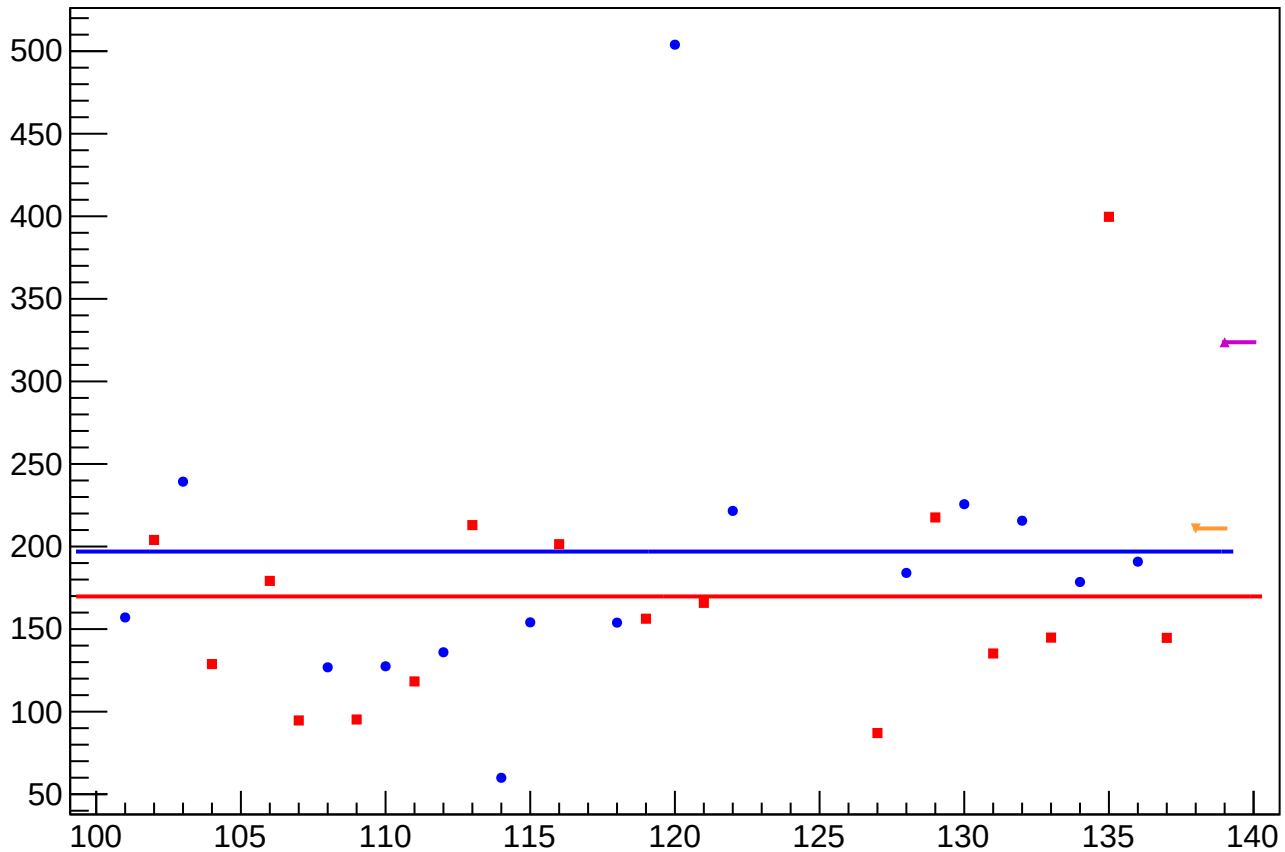
Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

Left In: -23.219+/-0.000 χ^2/NDF : 0.0/0

234.404+/-0.000 χ^2/NDF : 98086414711522168

326.608+/-0.000 χ^2/NDF : 11072507586813116

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF : 4485245160329657914621372425838788608.0/14

Left Out: 210.945+/-0.000 χ^2/NDF : 63007.9/0

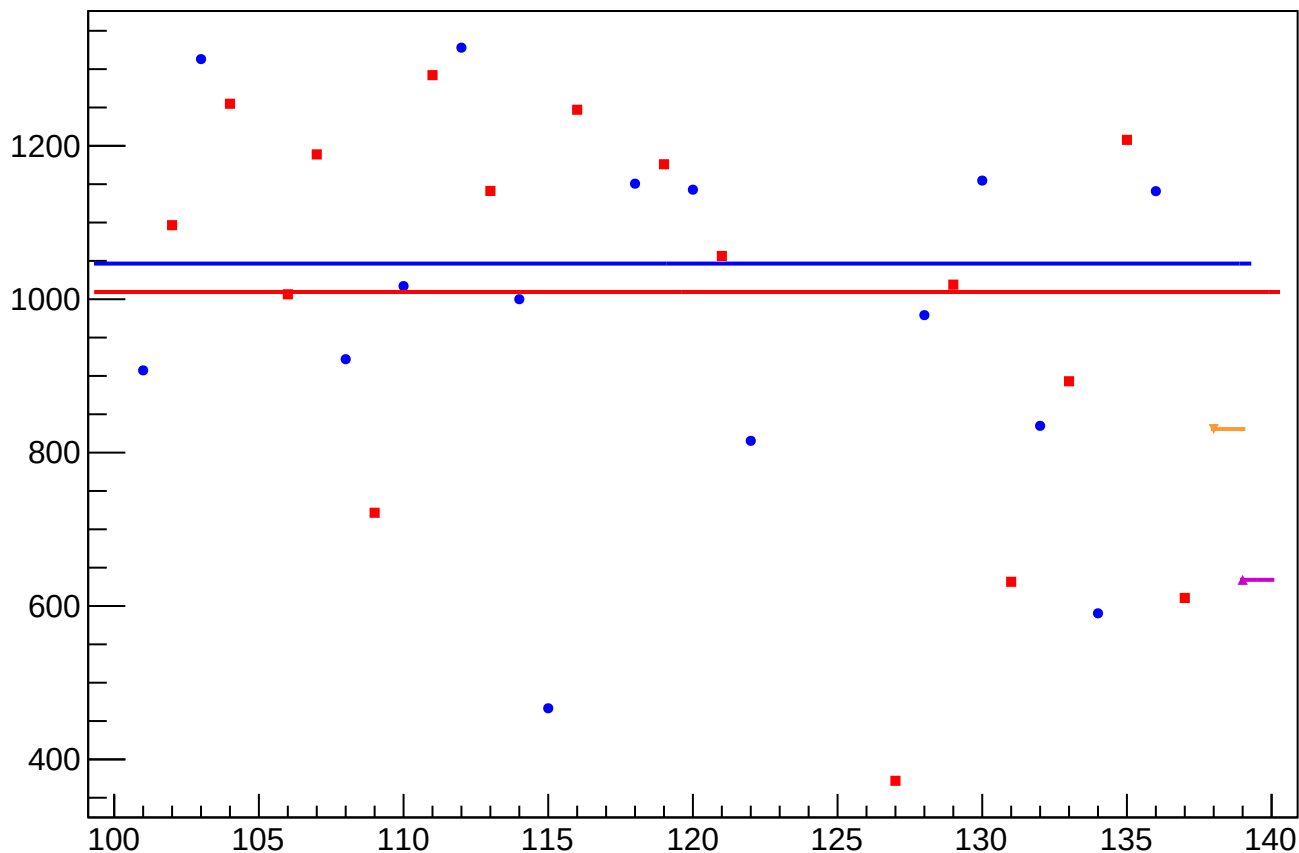
Right Out: 169.778+/-0.000 χ^2/NDF : 3892609445494845784493558646385410048.0/15

Left In: 323.730+/-0.000 χ^2/NDF : 0.0/0

198.456+/-0.000 χ^2/NDF : 44988728581565518

180.314+/-0.000 χ^2/NDF : 49744876013041740

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

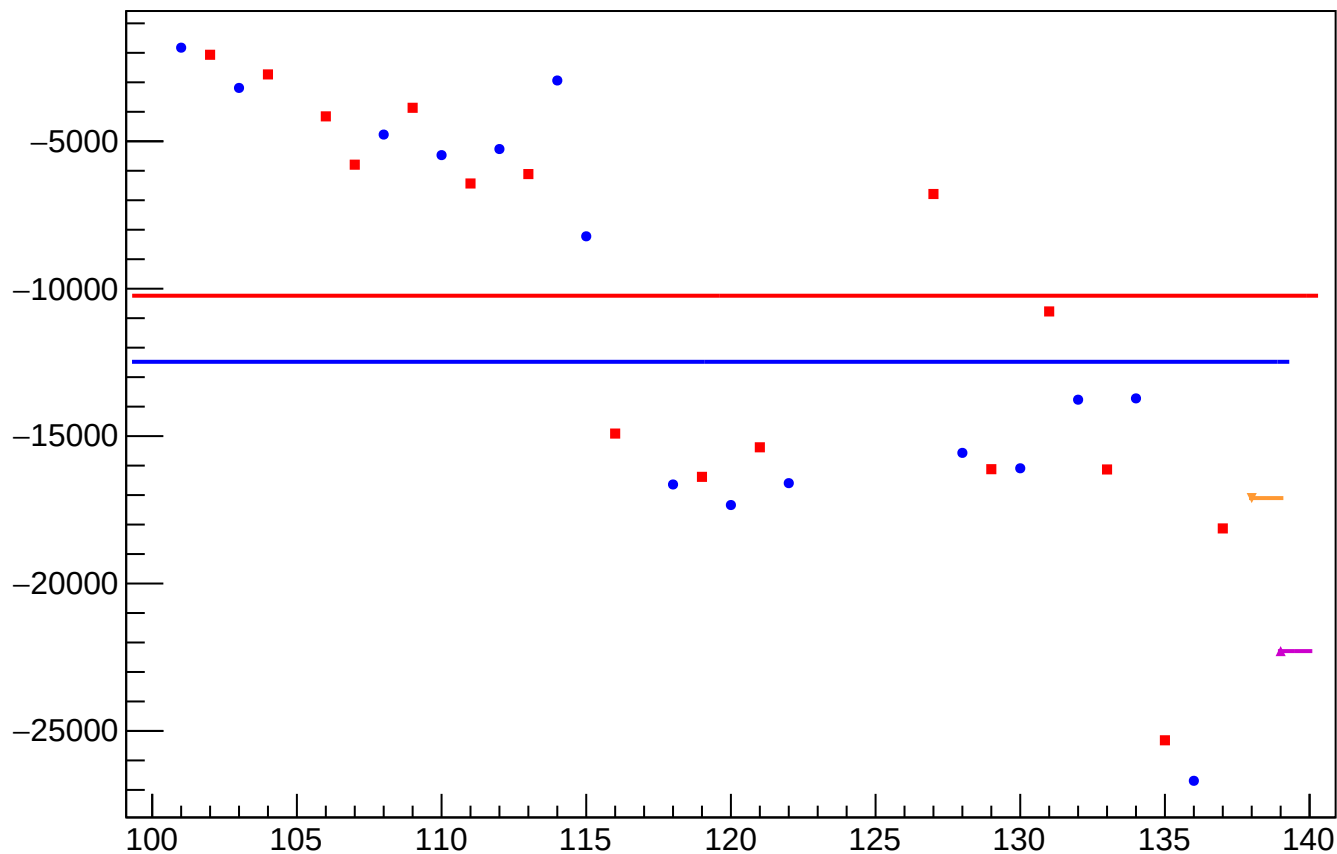
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14

Left Out: -17101.989+/-0.000 χ^2/NDF : 1032321404.5/0

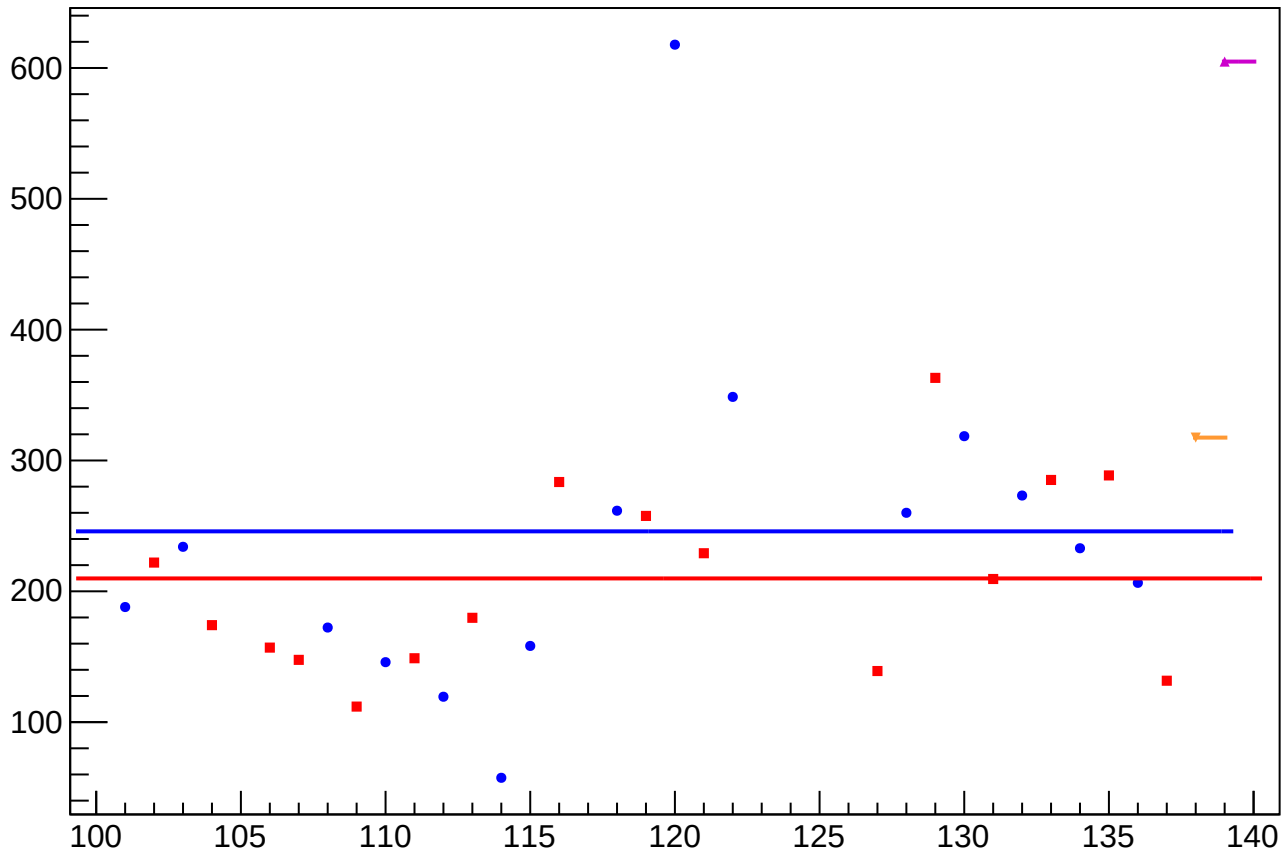
Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15

Left In: -22291.699+/-0.000 χ^2/NDF : 0.0/0

-12975.585+/-0.000 χ^2/NDF : 42666376320744

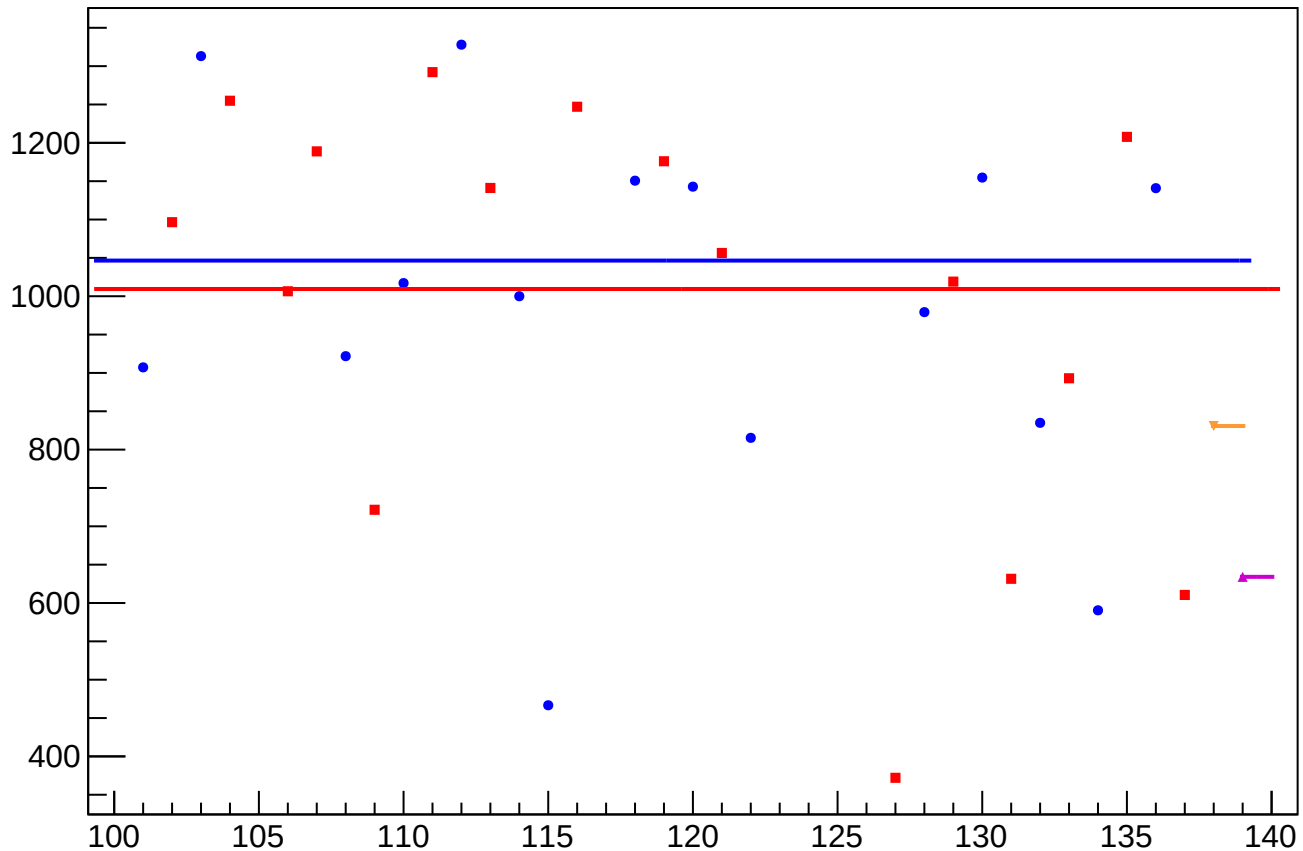
-11062.995+/-0.000 χ^2/NDF : 37859831085547

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF : 7828269009300013139414476154059358208.0/14
 Left Out: 317.492+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 209.844+/-0.000 χ^2/NDF : 3128489258838765241921217786024034304.0/15
 Left In: 604.897+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 $\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$

Left Out: 830.769+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

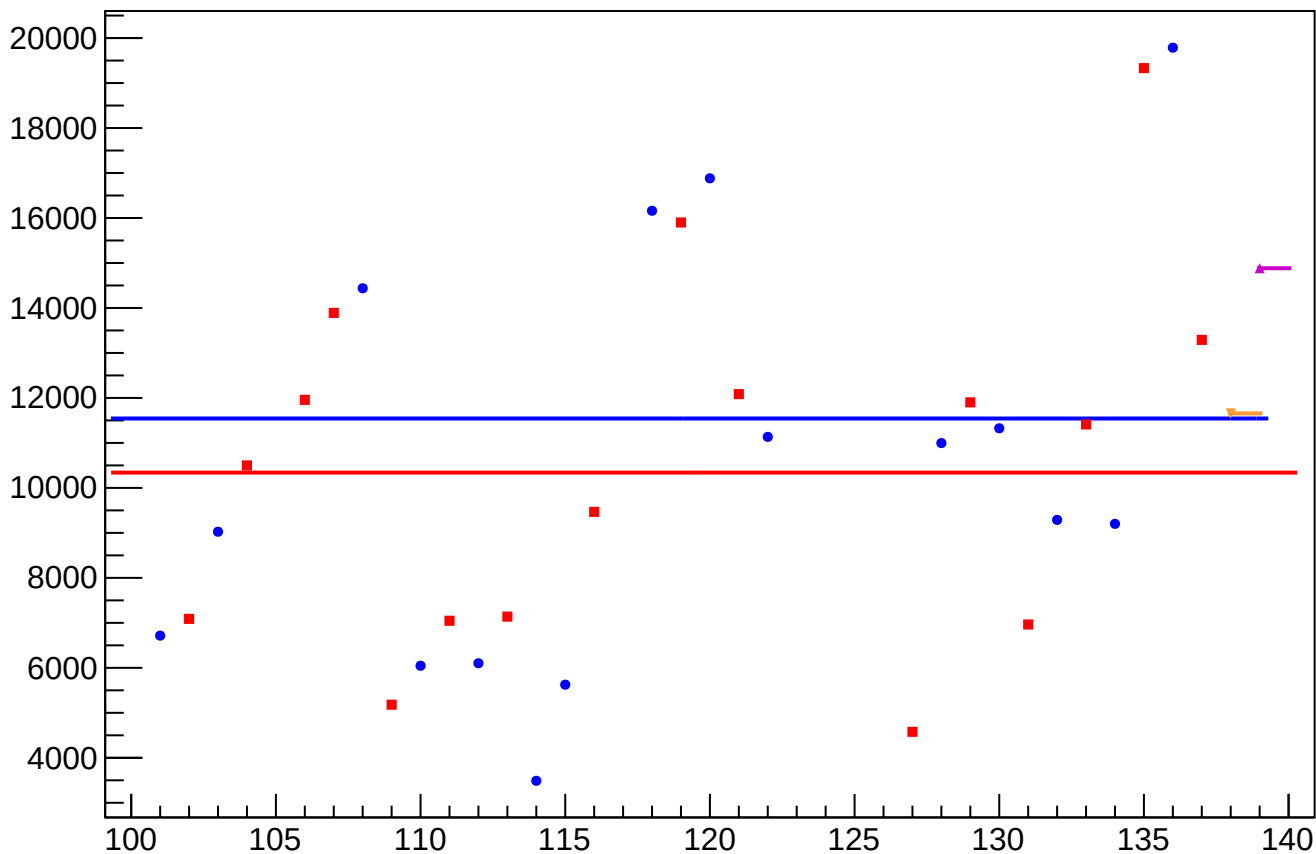
Right Out: 1009.445+/-0.000 $\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$

Left In: 634.122+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

1023.345+/-0.000 $\chi^2/\text{NDF}: 2810695107612277$

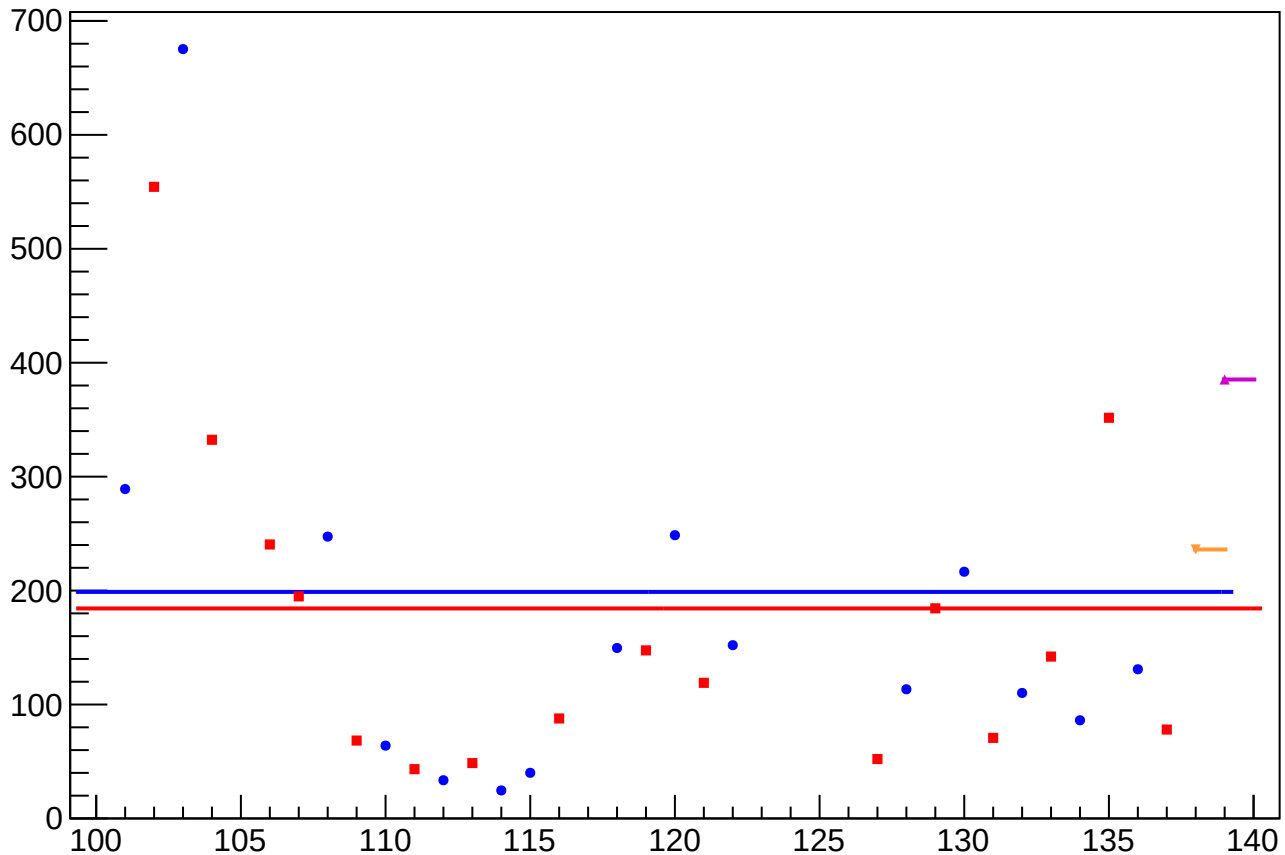
983.760+/-0.000 $\chi^2/\text{NDF}: 51032900345362622$

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
Left Out: 11655.989+/-0.000 χ^2/NDF : 0.0/0
Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
Left In: 14882.942+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 236.088+/-0.000 χ^2/NDF : 0.0/0

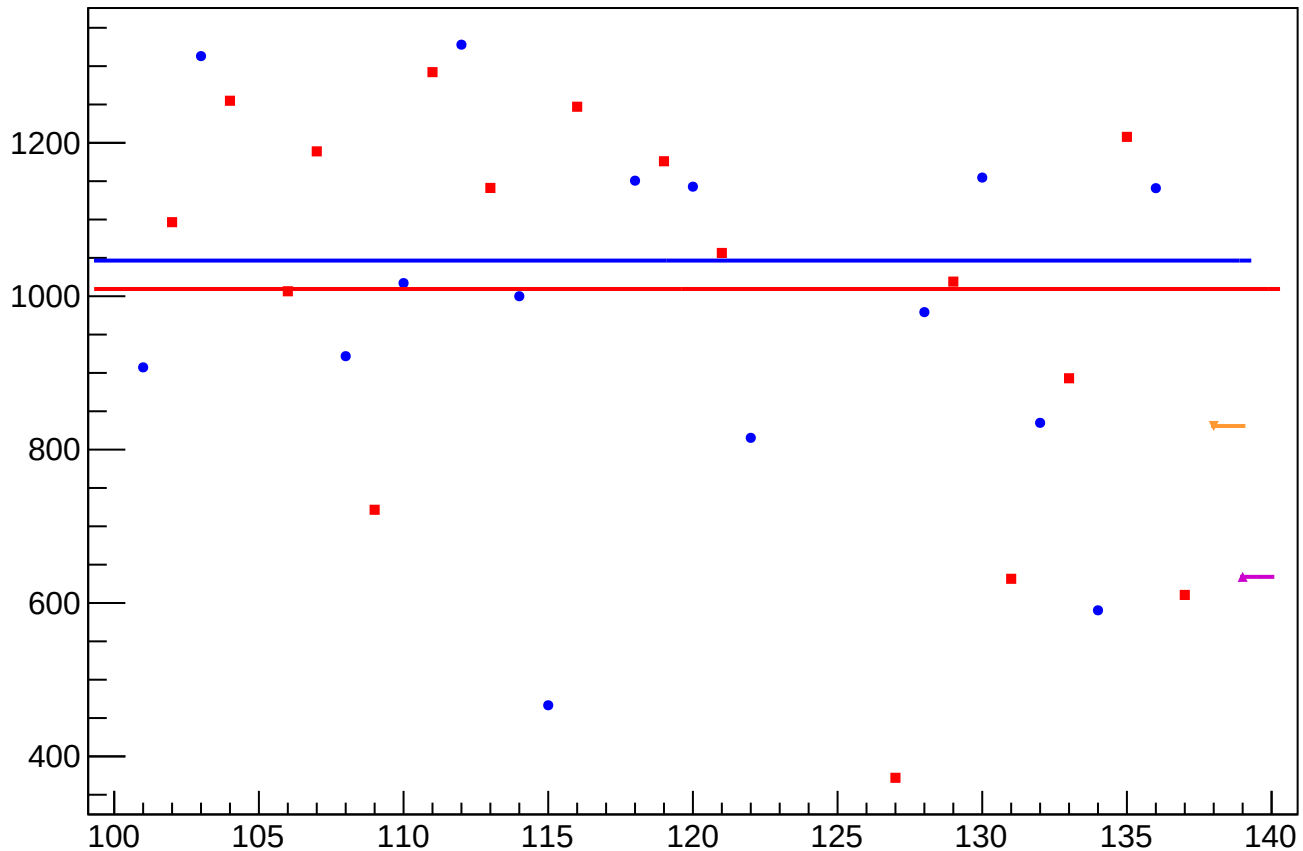
Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

Left In: 385.283+/-0.000 χ^2/NDF : 0.0/0

202.846+/-0.000 χ^2/NDF : 18430546436043283

198.081+/-0.000 χ^2/NDF : 16770774742882919

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

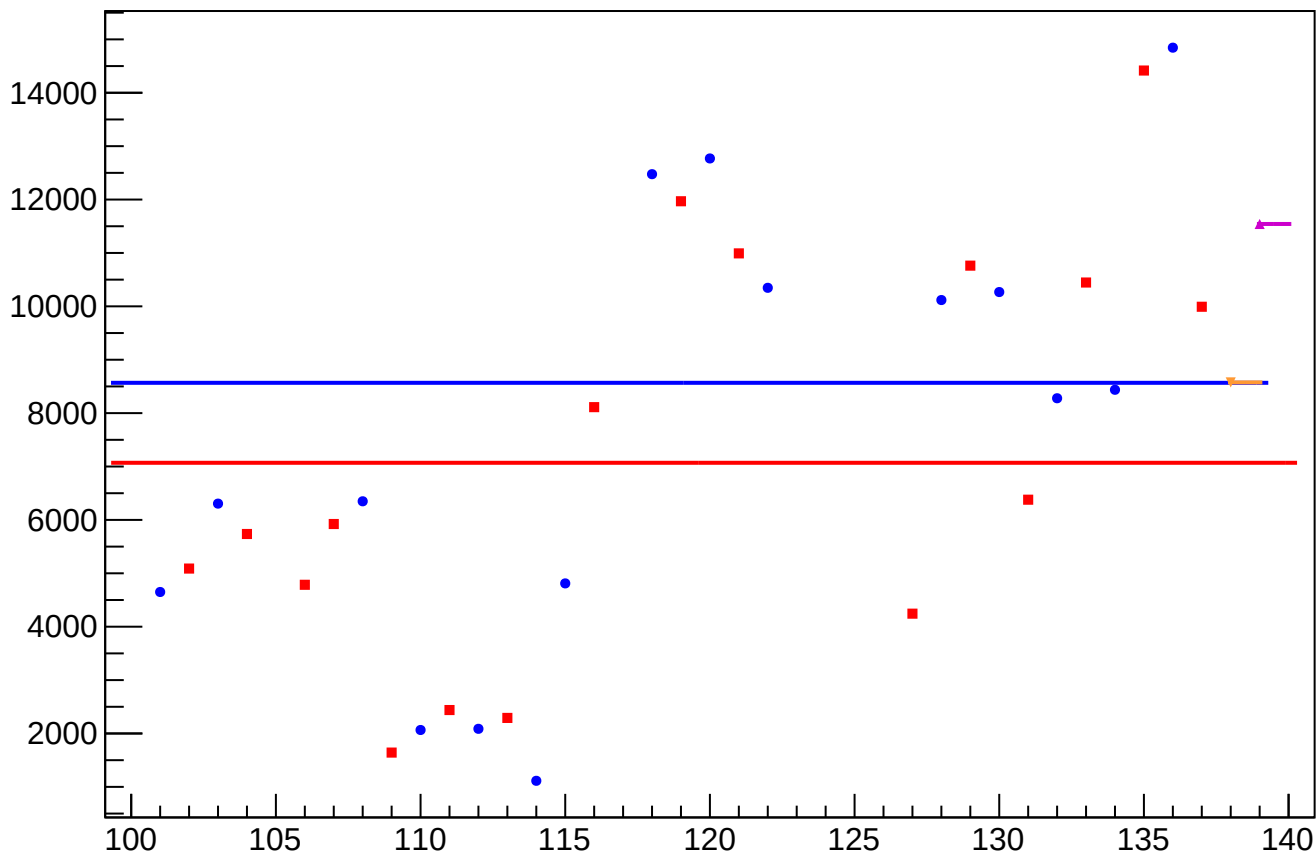
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

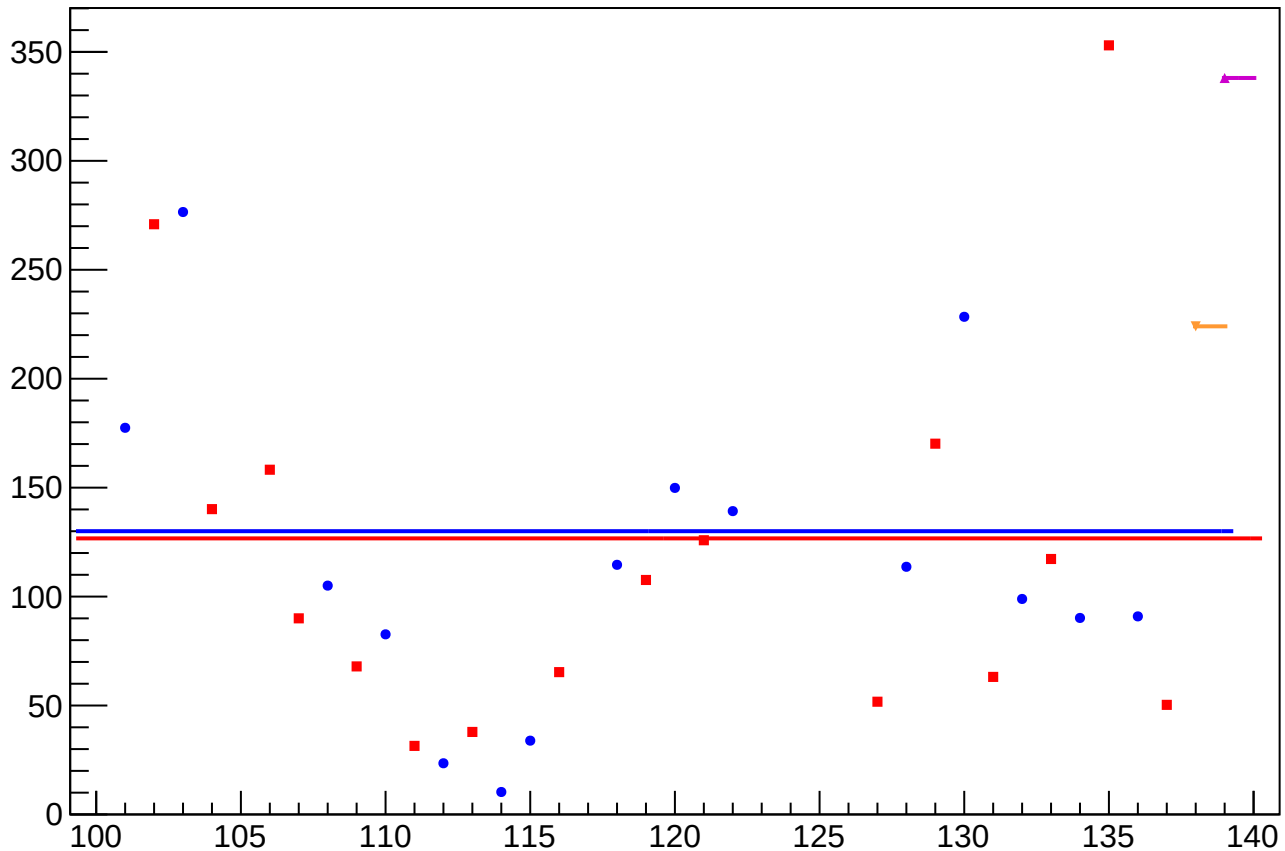
983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_sam8_coil1_mean vs Slug



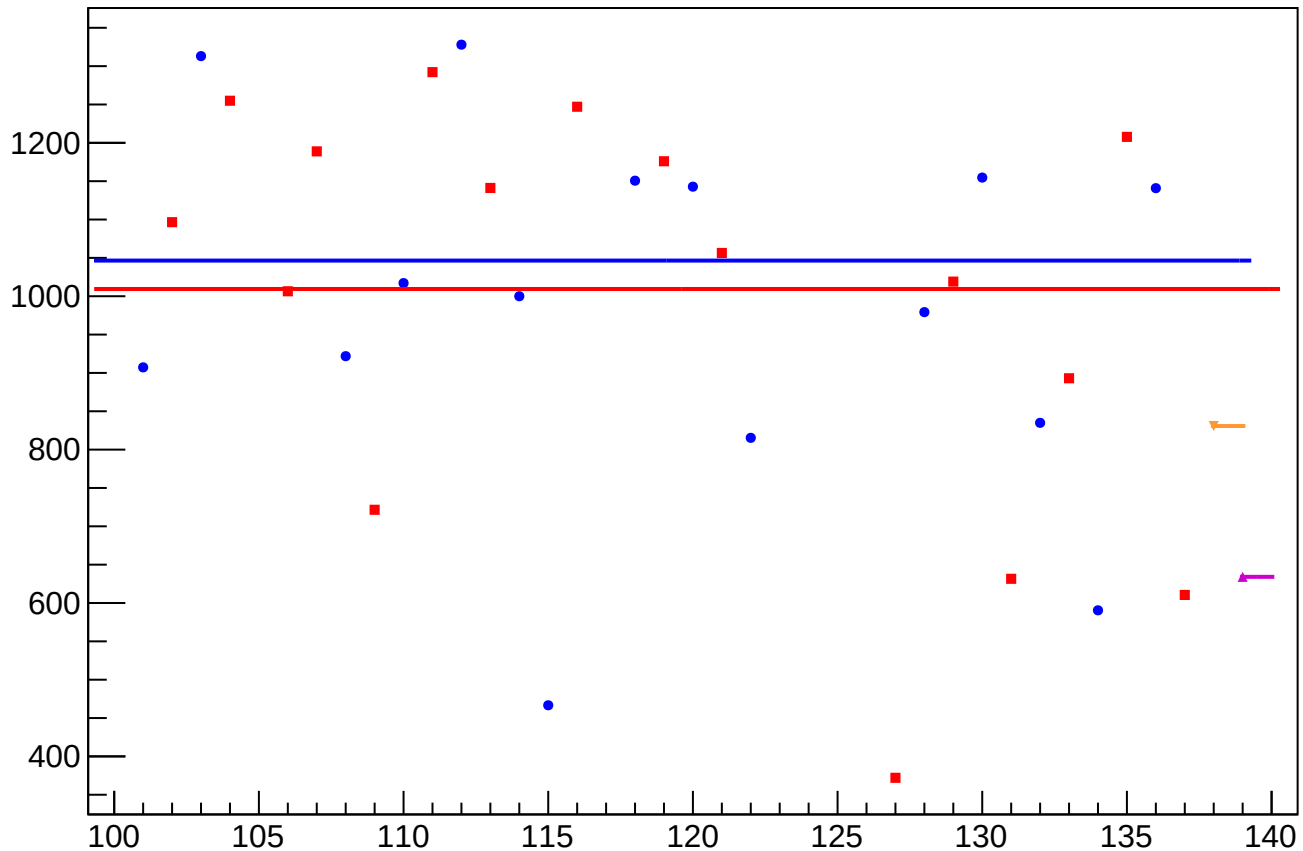
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 8575.422+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 11542.642+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 $\chi^2/\text{NDF}: 3115259987552341725946418665378283520.0/14$
 Left Out: 224.040+/-0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 126.709+/-0.000 $\chi^2/\text{NDF}: 5397122581297664561308621600668516352.0/15$
 Left In: 338.036+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

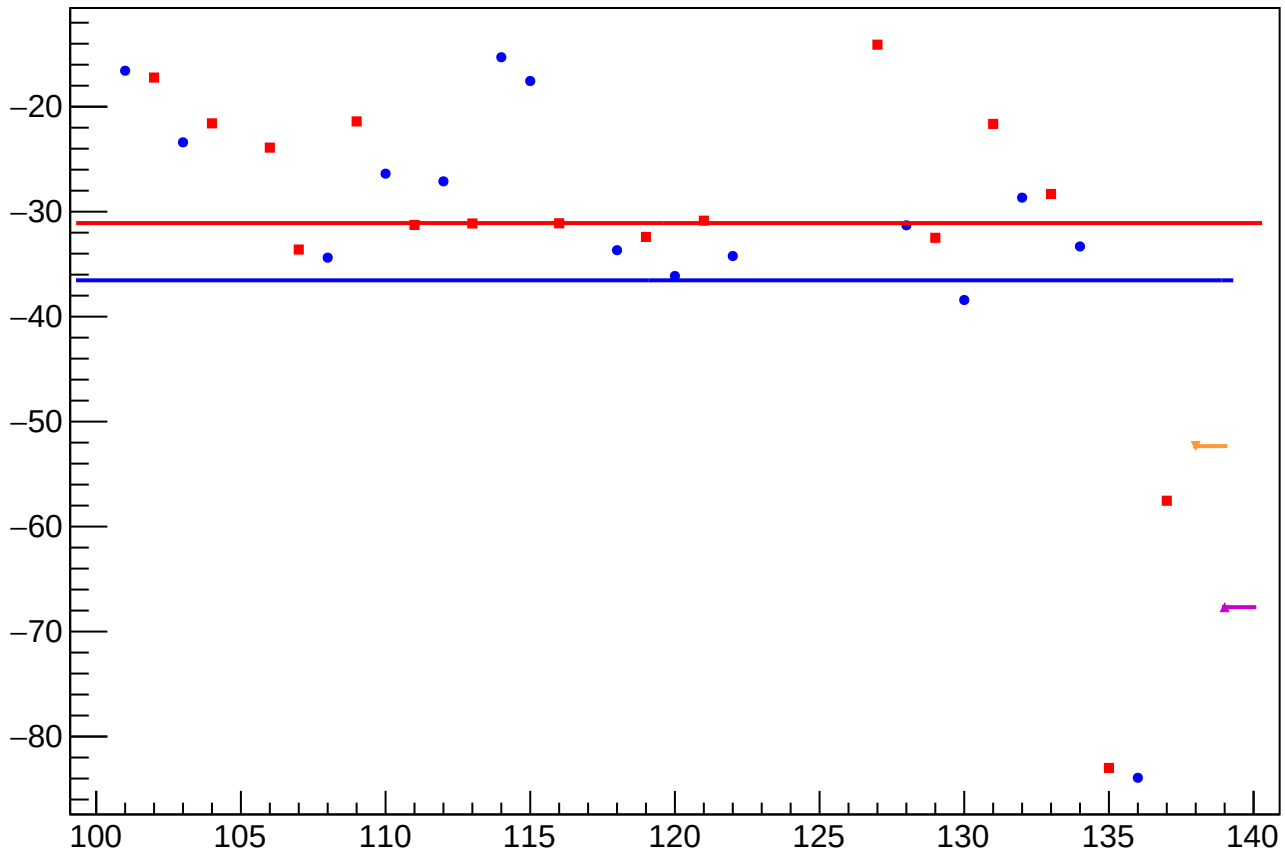
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 634.122+/-0.000 χ^2/NDF : 0.0/0

1023.345+/-0.000 χ^2/NDF : 2810695107612277

983.760+/-0.000 χ^2/NDF : 51032900345362622

dit_4aX_coil3_mean vs Slug



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

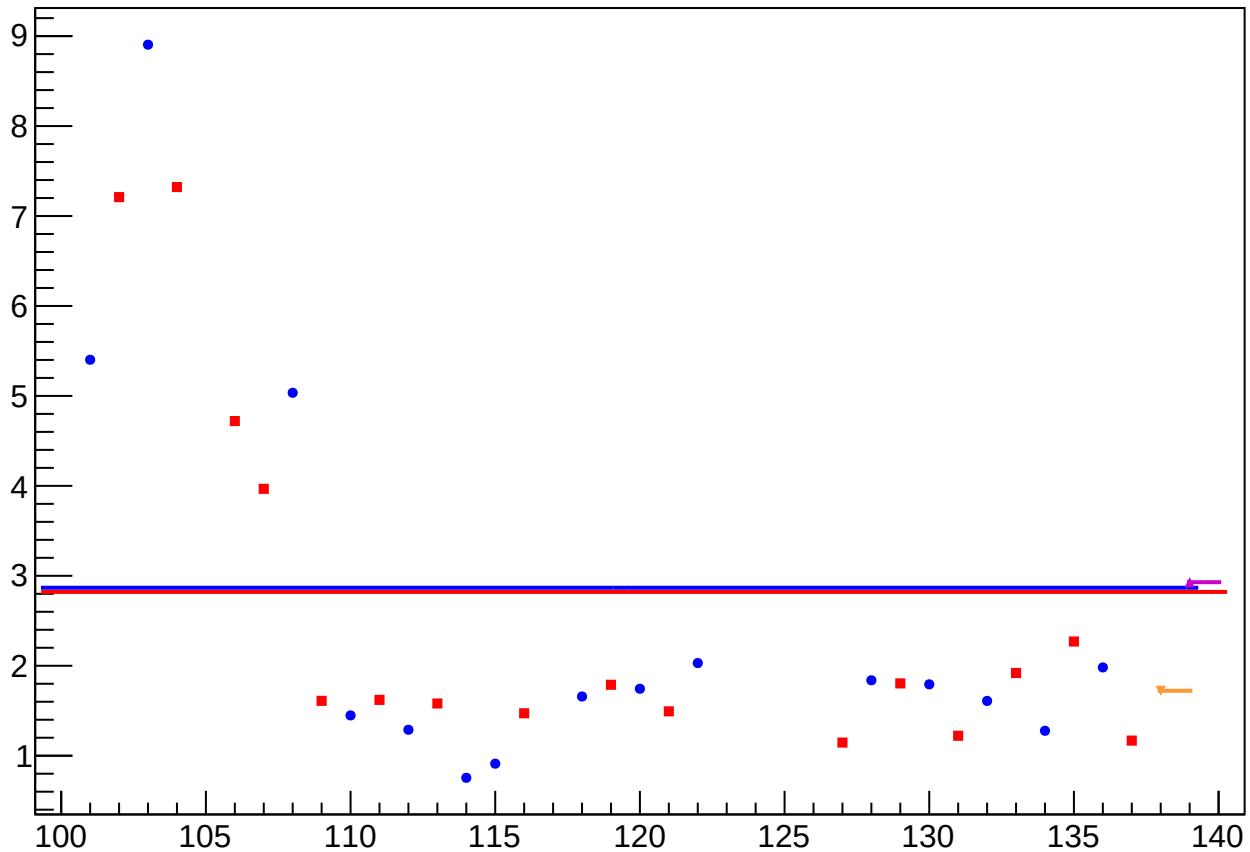
Right Out: -31.085 $\pm$ 0.000 χ^2 /NDF: 181291079119381636178408498876383232.0/15

Left In: -67.673 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-38.234 $\pm$ 0.000 χ^2 /NDF: 27172150515974628

-33.589 $\pm$ 0.000 χ^2 /NDF: 24239559467203338

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14

Left Out: 1.722+/-0.000 χ^2/NDF : 0.0/0

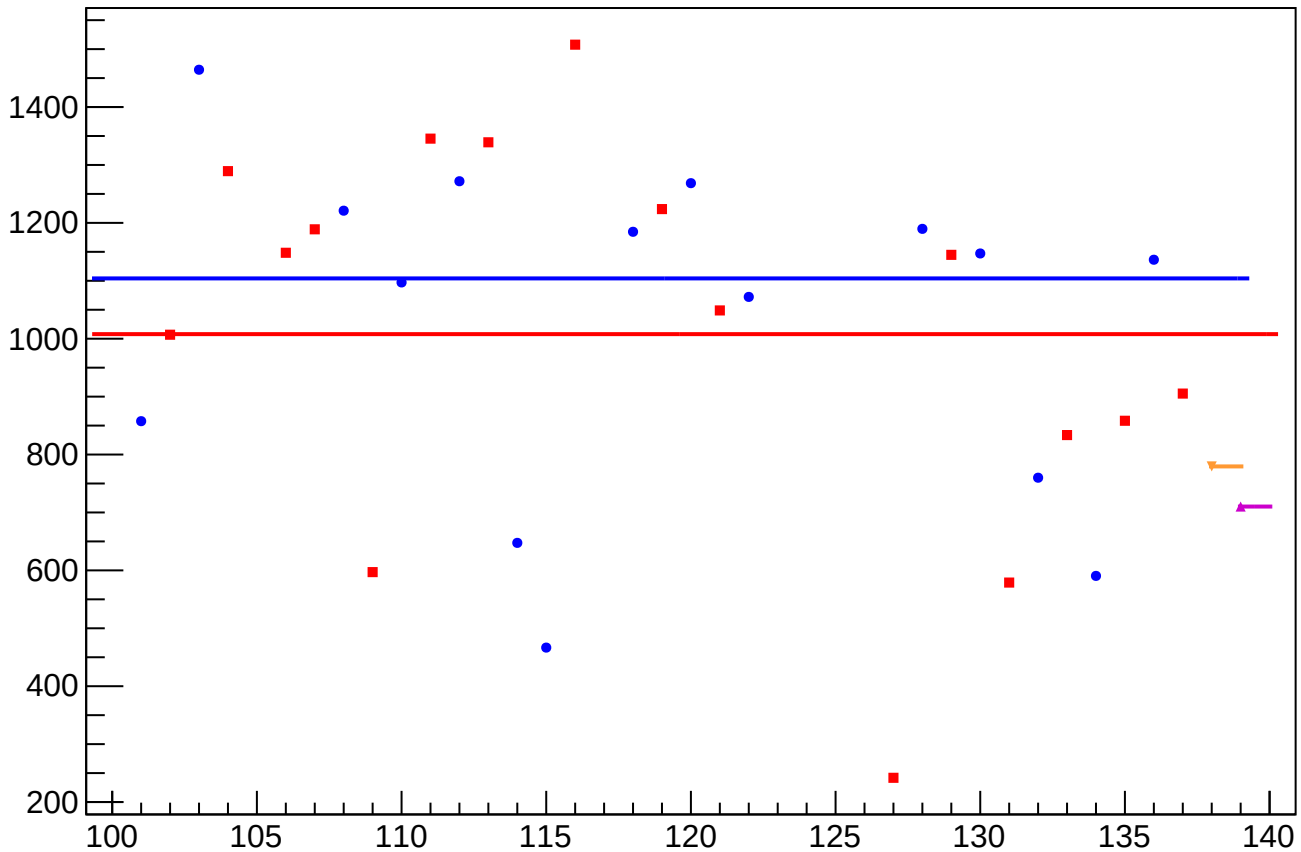
Right Out: 2.821+/-0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15

Left In: 2.929+/-0.000 χ^2/NDF : 0.0/0

2.745+/-0.000 χ^2/NDF : 3546882455316051484

2.828+/-0.000 χ^2/NDF : 3053480536117686163

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

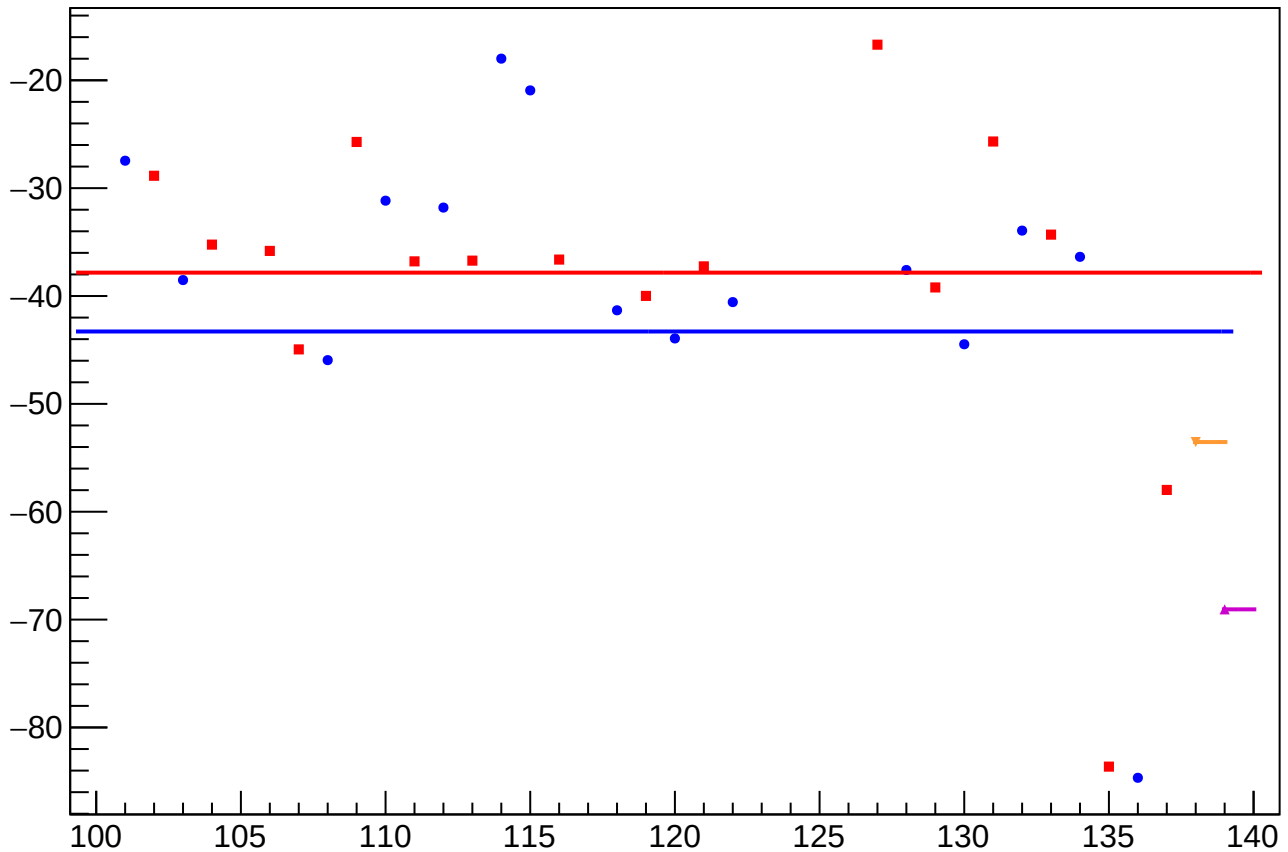
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -53.539+/-0.000 χ^2/NDF : 0.0/0

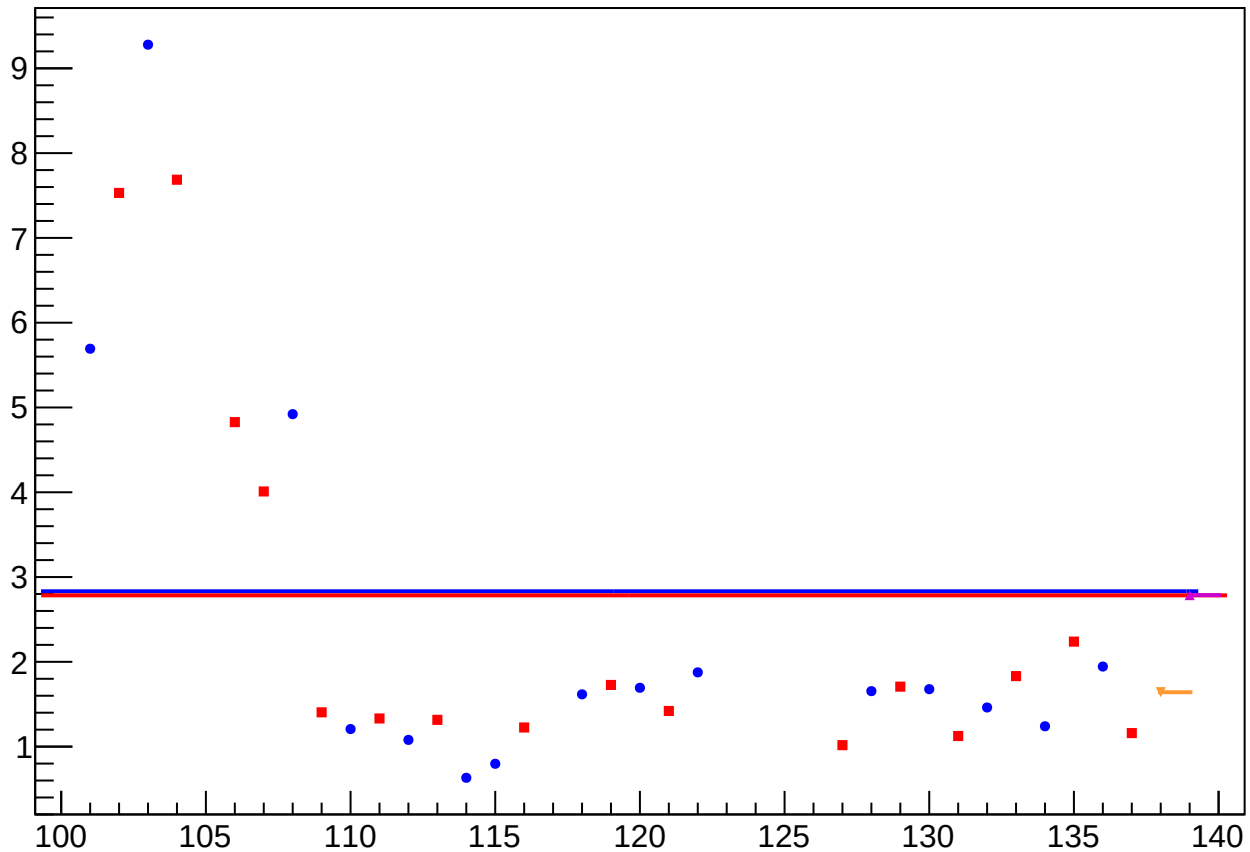
Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15

Left In: -69.050+/-0.000 χ^2/NDF : 0.0/0

-44.389+/-0.000 χ^2/NDF : 20665761970587106

-39.969+/-0.000 χ^2/NDF : 19316965829286078

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 $\pm$ 0.000 χ^2 /NDF: 3957672531929017328512564323155968.0/14

Left Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 0.0/0

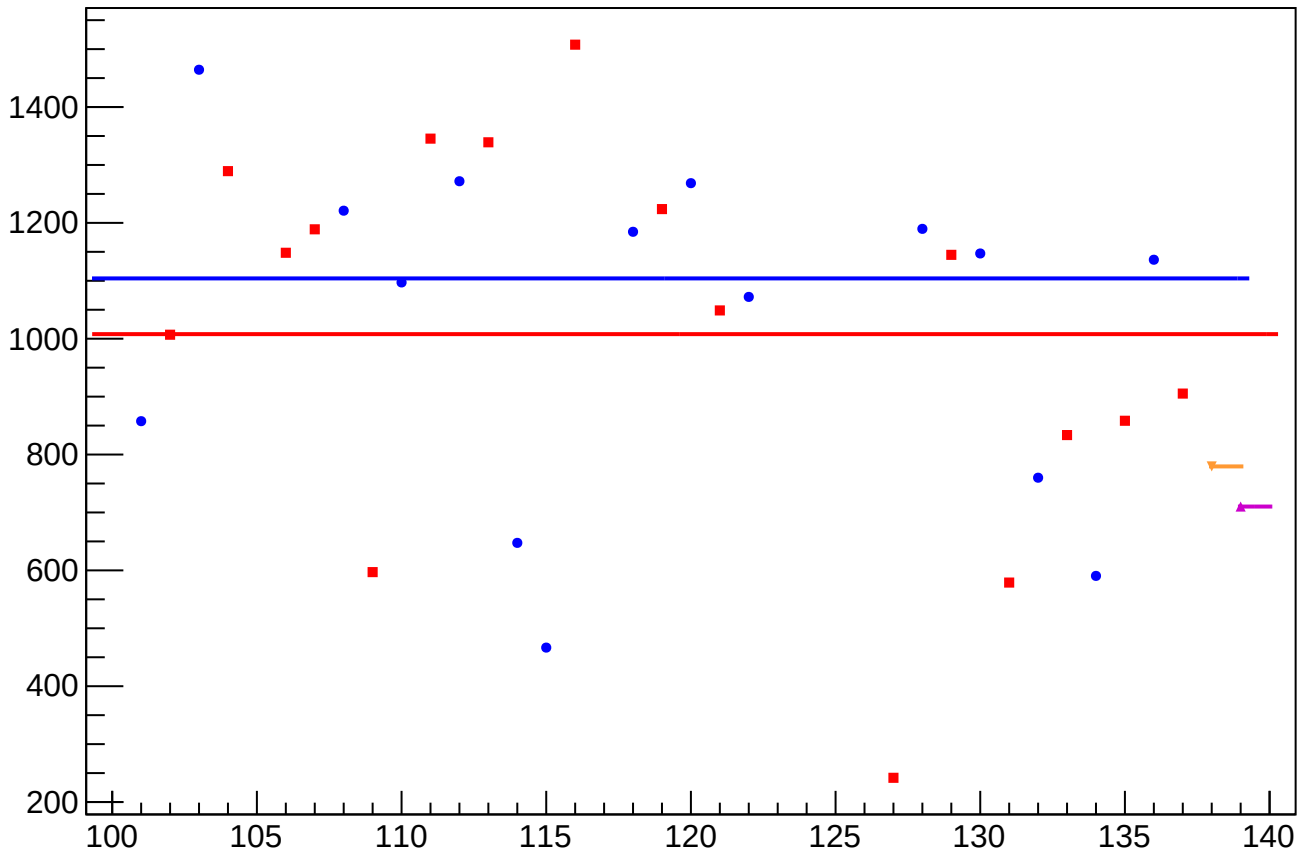
Right Out: 2.784 $\pm$ 0.000 χ^2 /NDF: 3589544956108116898091236897849344.0/15

Left In: 2.787 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.704 $\pm$ 0.000 χ^2 /NDF: 4056276408680907732

2.784 $\pm$ 0.000 χ^2 /NDF: 3589545296389174469

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

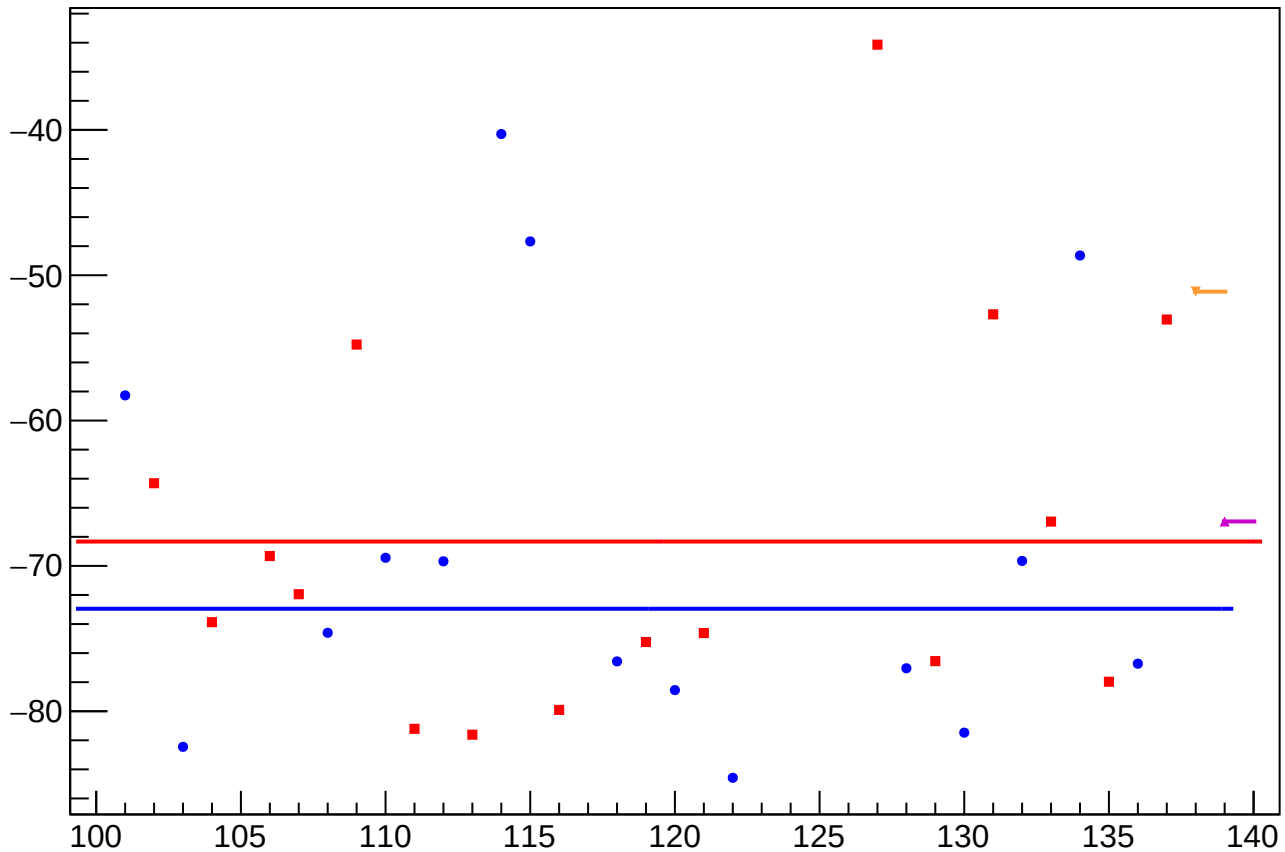
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_11X12X_coil3_mean vs Slug



Right In: -72.949 $\pm$ 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

Left Out: -51.128 $\pm$ 0.000 χ^2/NDF : 3938.0/0

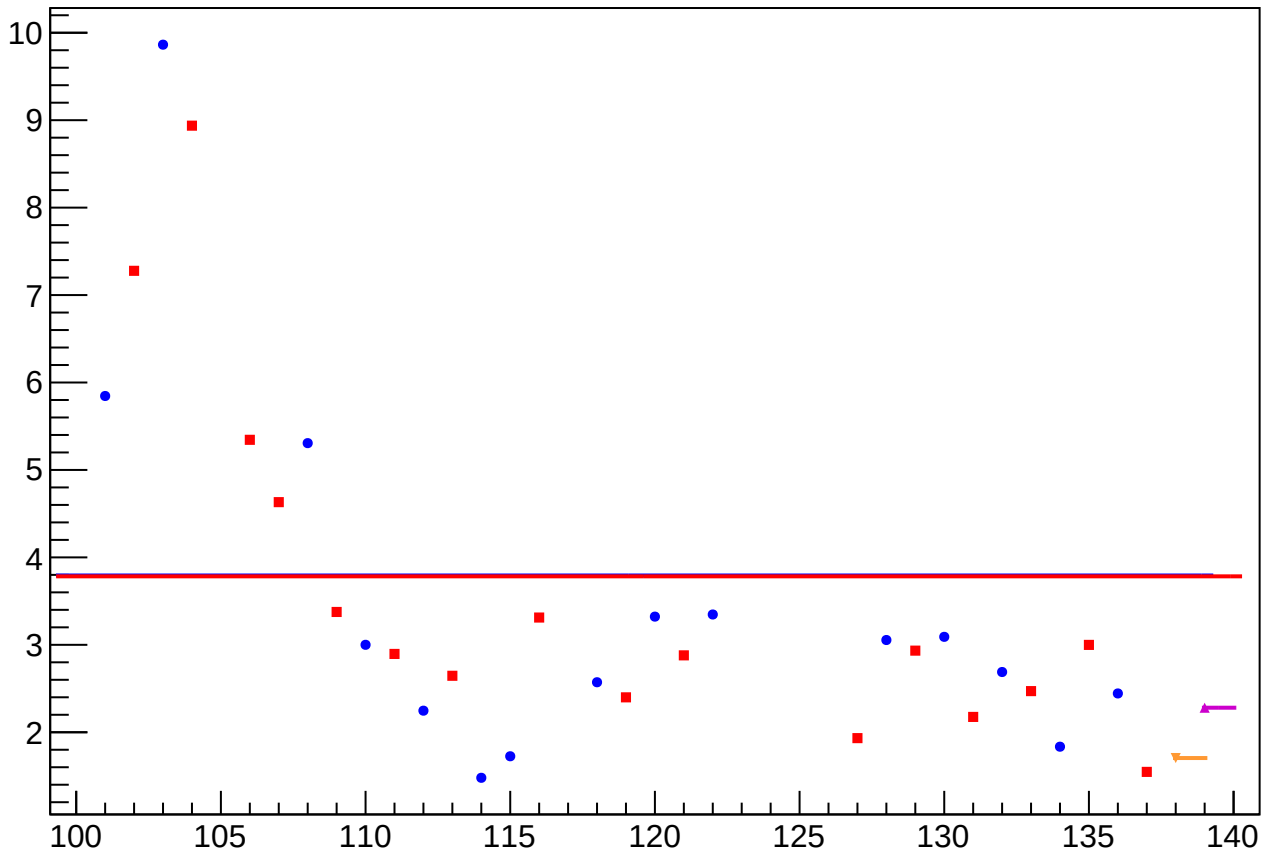
Right Out: -68.324 $\pm$ 0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

Left In: -66.941 $\pm$ 0.000 χ^2/NDF : 0.0/0

-70.608 $\pm$ 0.000 χ^2/NDF : 98911860761326138

-68.229 $\pm$ 0.000 χ^2/NDF : 10678164233653477

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14

Left Out: 1.705+/-0.000 χ^2/NDF : 0.0/0

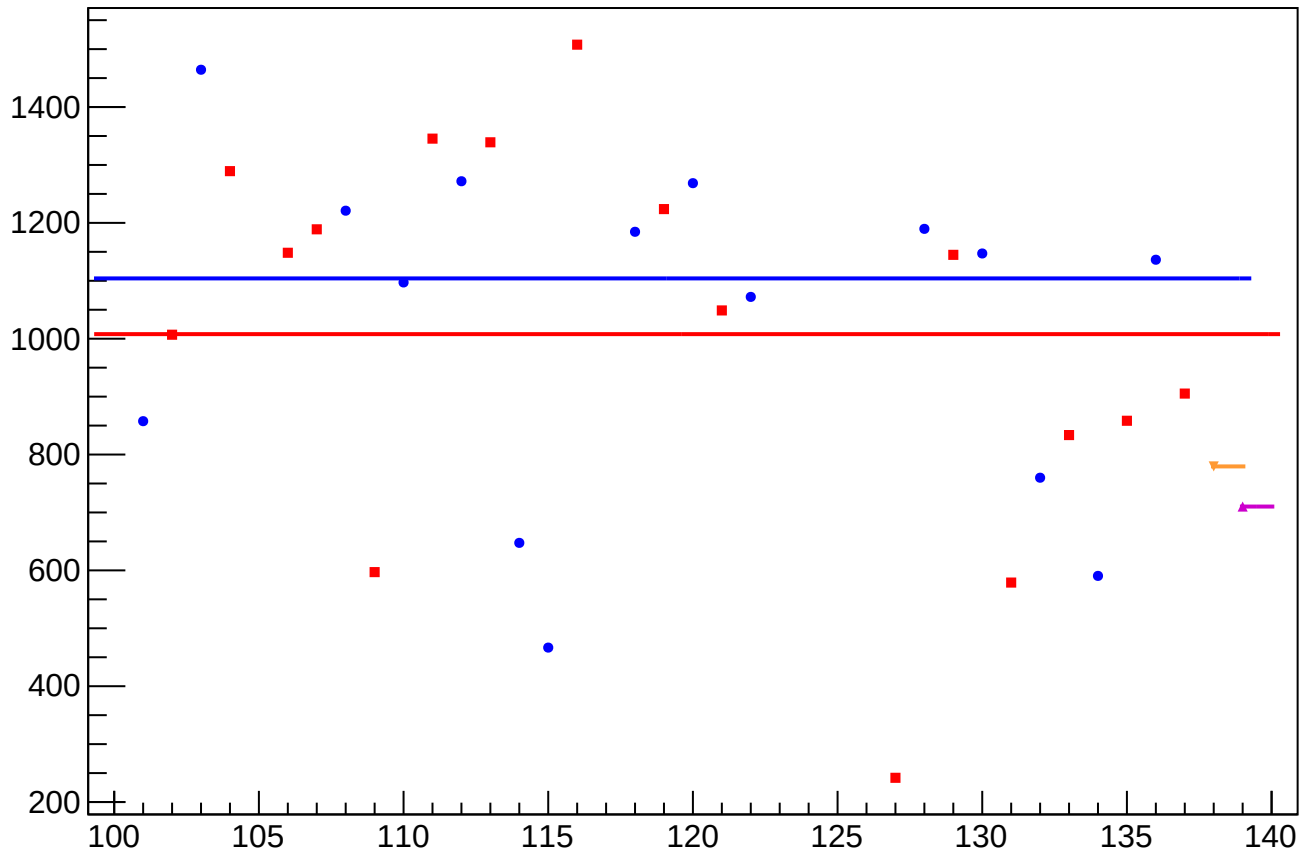
3.569+/-0.000 χ^2/NDF : 3508853599587250014

Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15

3.680+/-0.000 χ^2/NDF : 2981617674968914974

Left In: 2.281+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

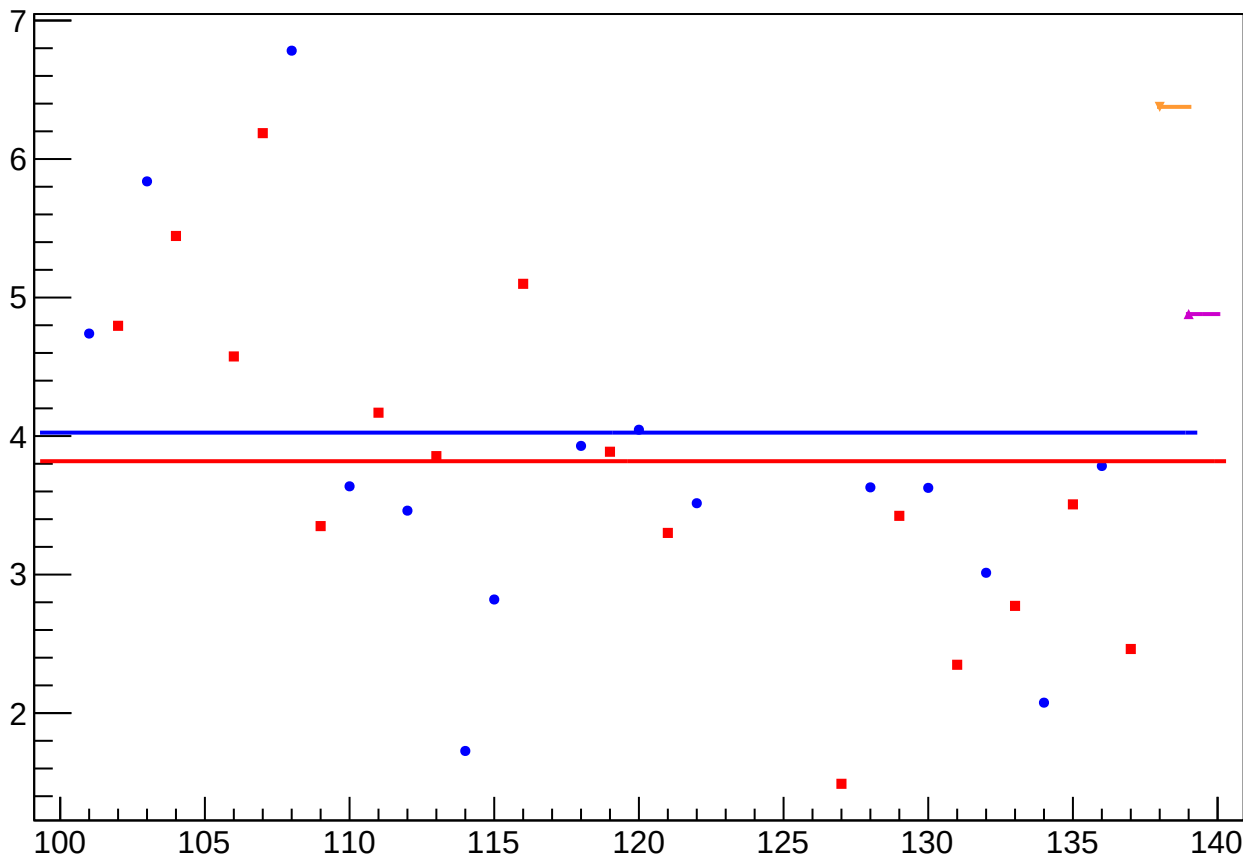
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 6.377+/-0.000 χ^2/NDF : 0.0/0

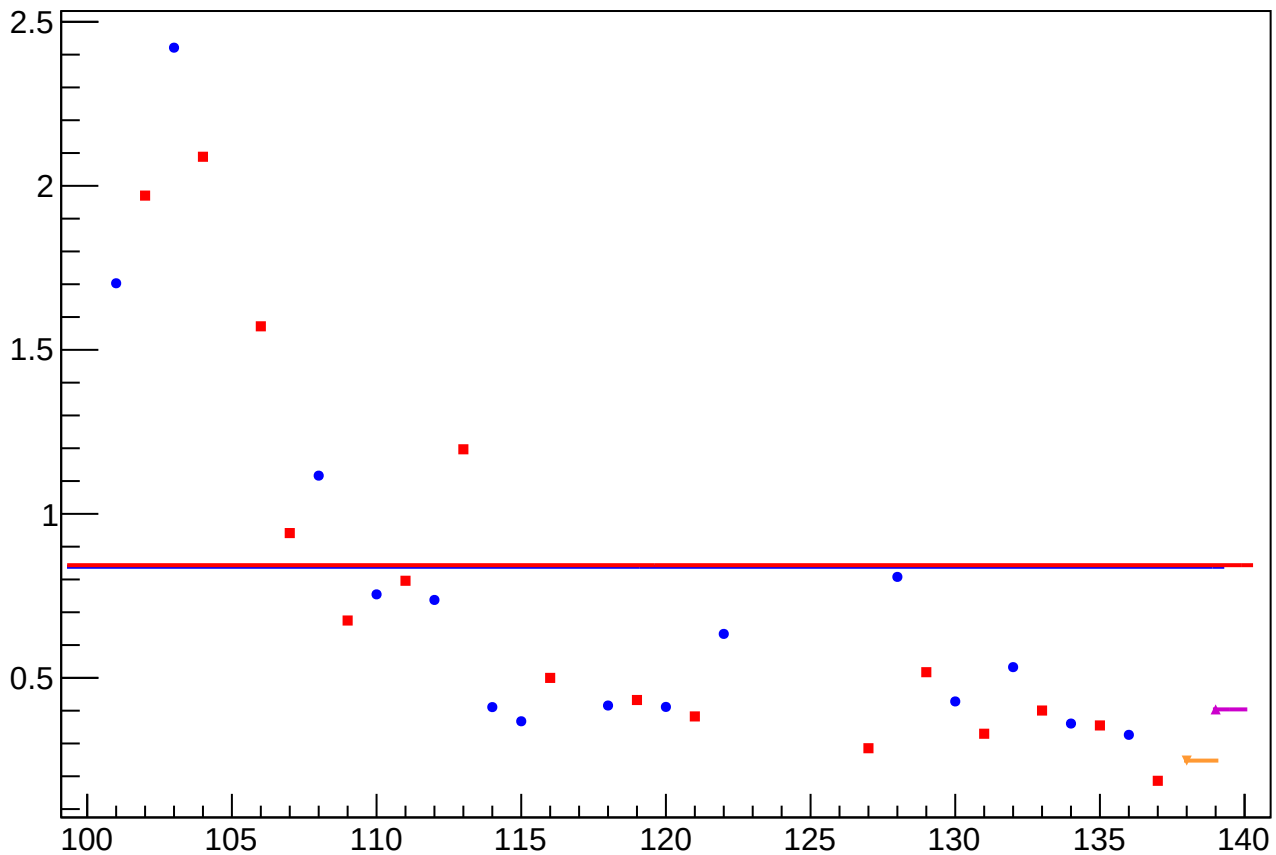
Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

Left In: 4.881+/-0.000 χ^2/NDF : 0.0/0

4.277+/-0.000 χ^2/NDF : 1154118029481919774

3.891+/-0.000 χ^2/NDF : 9397350926700792153

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.248+/-0.000 χ^2/NDF : 0.0/0

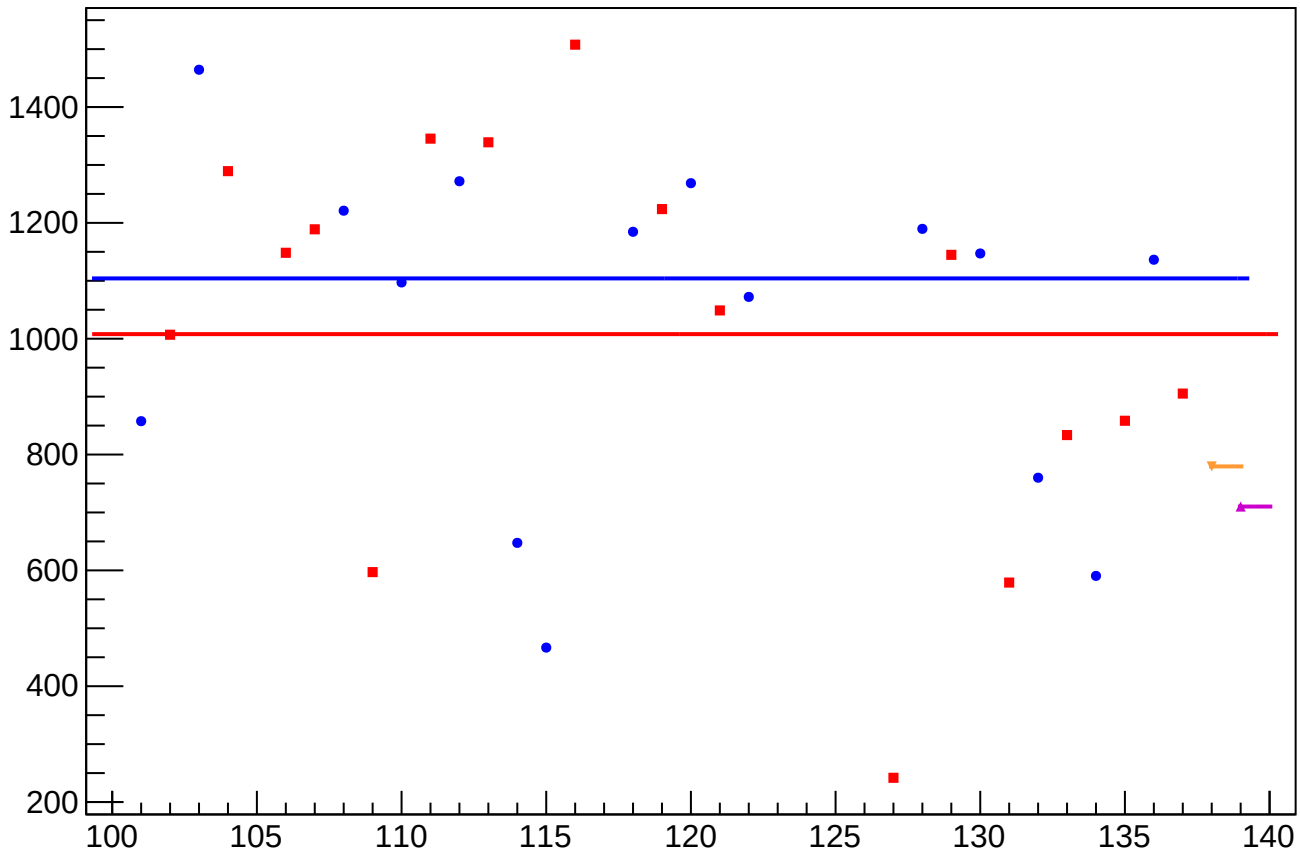
Right Out: 0.844+/-0.000 χ^2/NDF : 252917509393432760240648918925312.0/15

Left In: 0.404+/-0.000 χ^2/NDF : 0.0/0

0.775+/-0.000 χ^2/NDF : 2827279937594498900

0.813+/-0.000 χ^2/NDF : 2617404765484379192

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

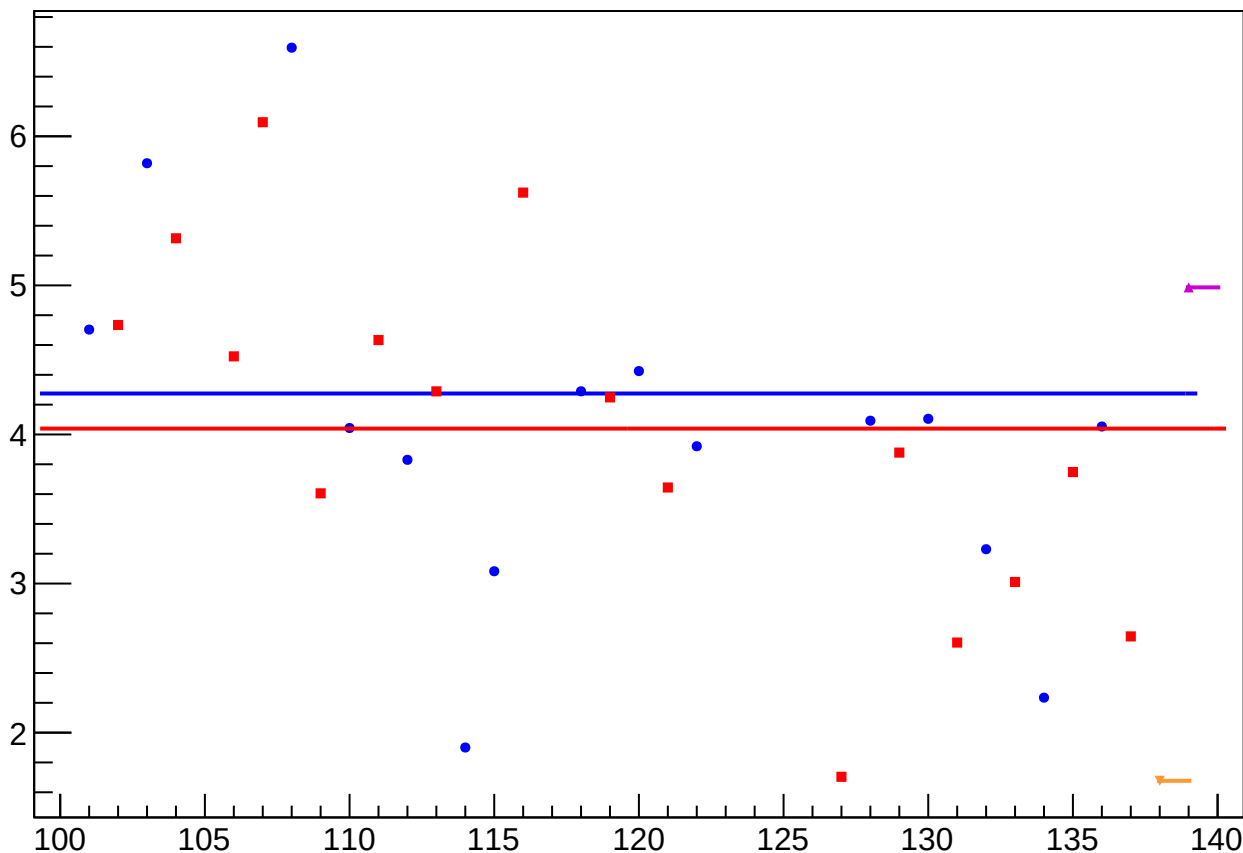
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_4eY_coil3_mean vs Slug



Right In: 4.275 ± 0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 1.677 ± 0.000 χ^2/NDF : 0.0/0

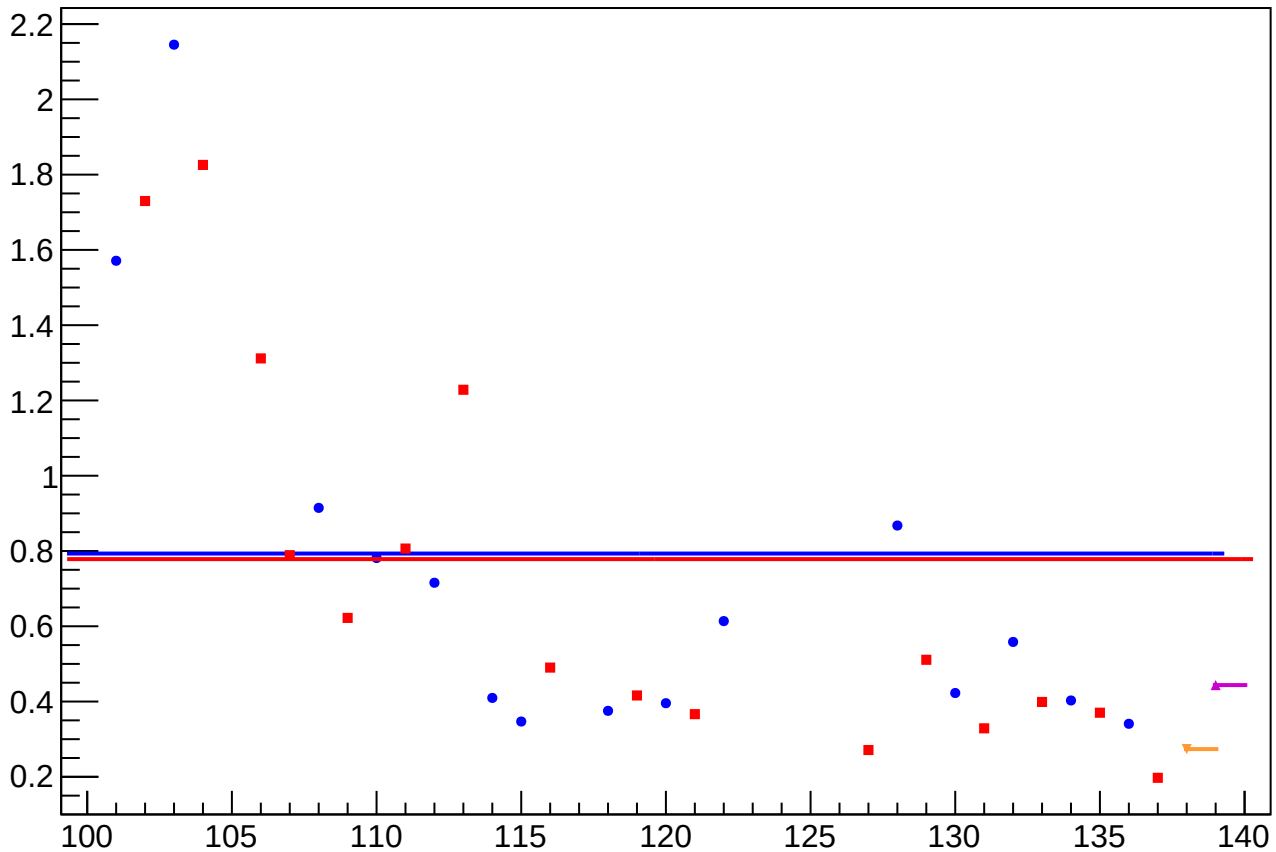
Right Out: 4.039 ± 0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

Left In: 4.987 ± 0.000 χ^2/NDF : 0.0/0

3.996 ± 0.000 χ^2/NDF : 1067108302466011068

4.104 ± 0.000 χ^2/NDF : 8133099686506310769

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2 /NDF: 195508777173589483440314700005376.0/14

Left Out: 0.274 $\pm$ 0.000 χ^2 /NDF:0.2/0

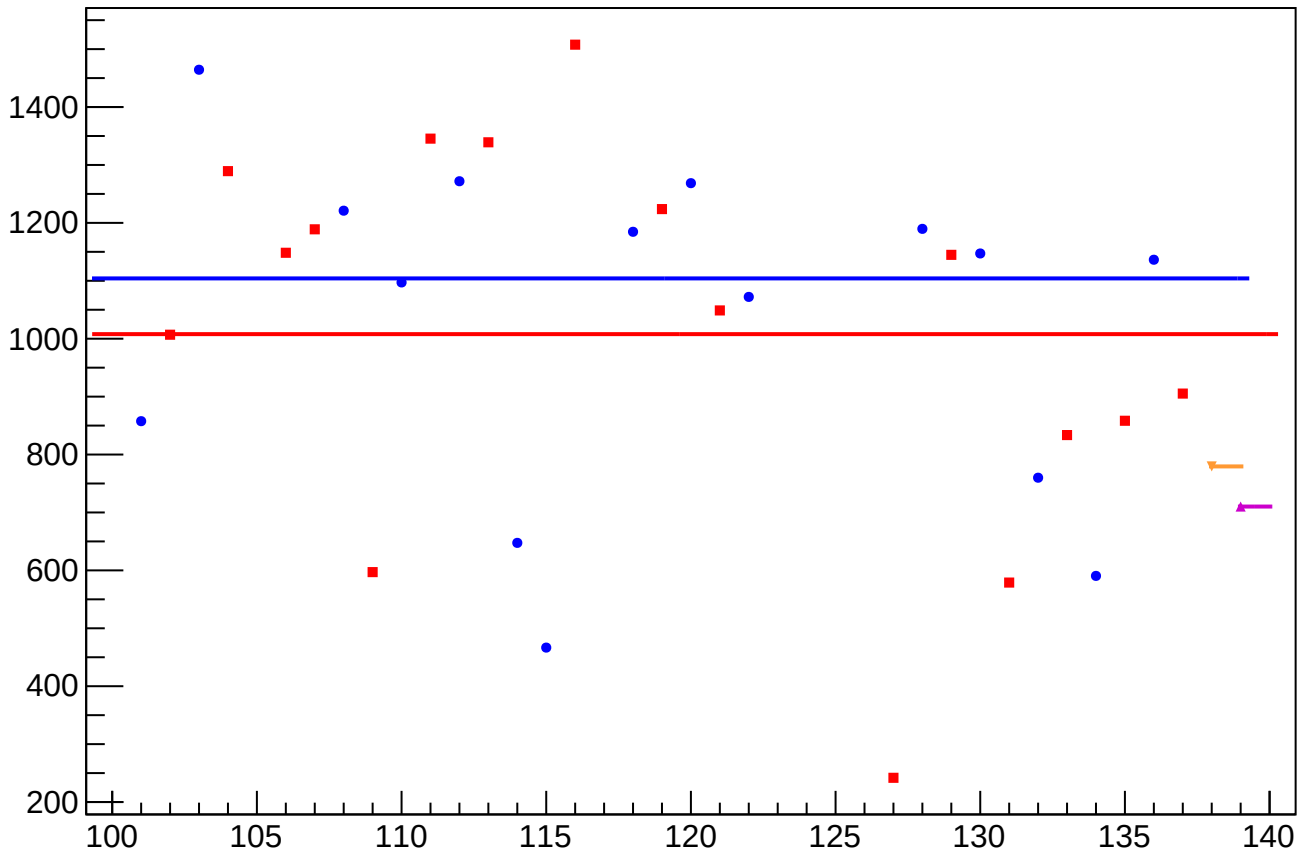
0.737 $\pm$ 0.000 χ^2 /NDF: 2143061697390176771

Right Out: 0.778 $\pm$ 0.000 χ^2 /NDF: 185814635772183306063903690063872.0/15

0.756 $\pm$ 0.000 χ^2 /NDF: 1909283464977832196

Left In: 0.444 $\pm$ 0.000 χ^2 /NDF:0.0/0

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

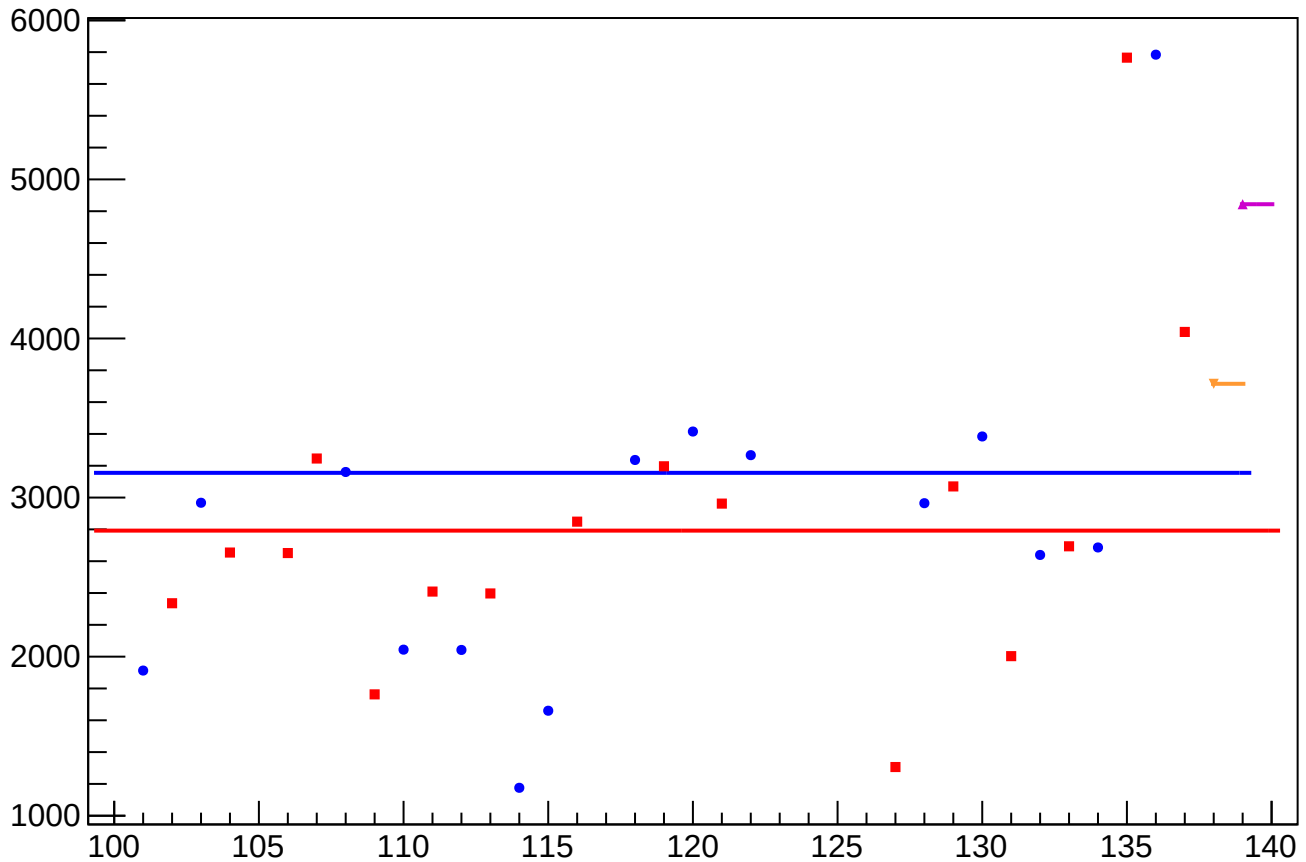
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

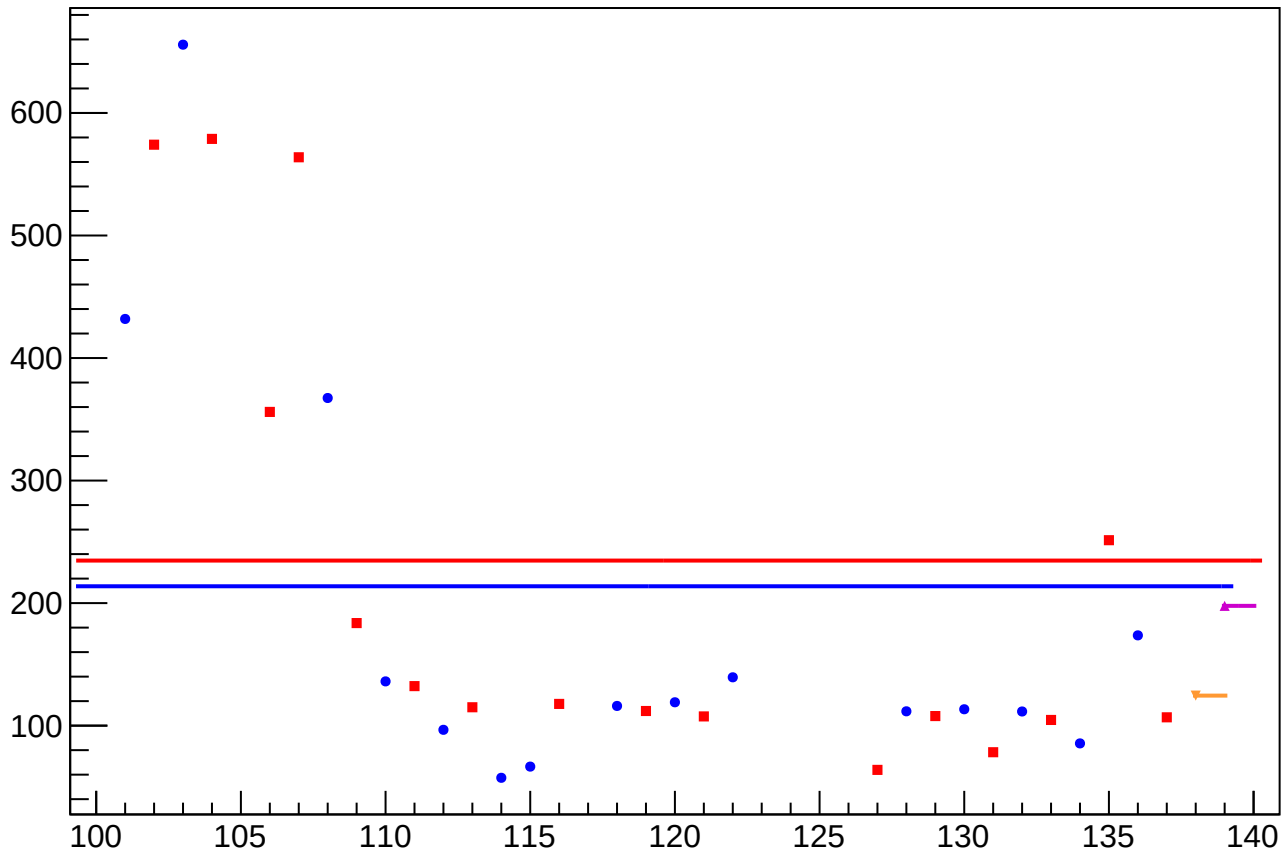
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_usl_coil3_mean vs Slug



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



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

Left Out: 124.507+/-0.000 χ^2/NDF : 0.0/0

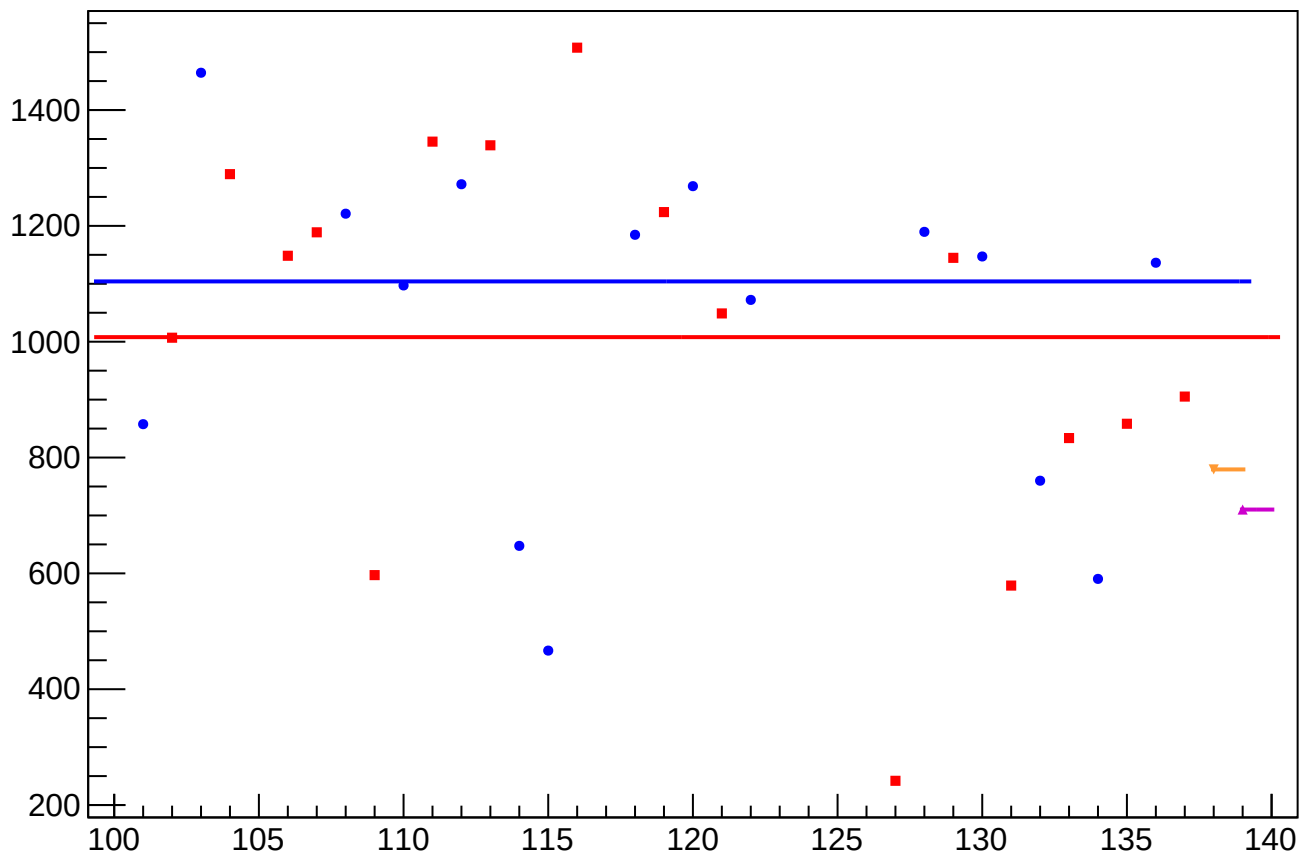
Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

Left In: 197.756+/-0.000 χ^2/NDF : 39581.9/0

204.165+/-0.000 χ^2/NDF : 20272567455728640

232.183+/-0.000 χ^2/NDF : 24075477558861334

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

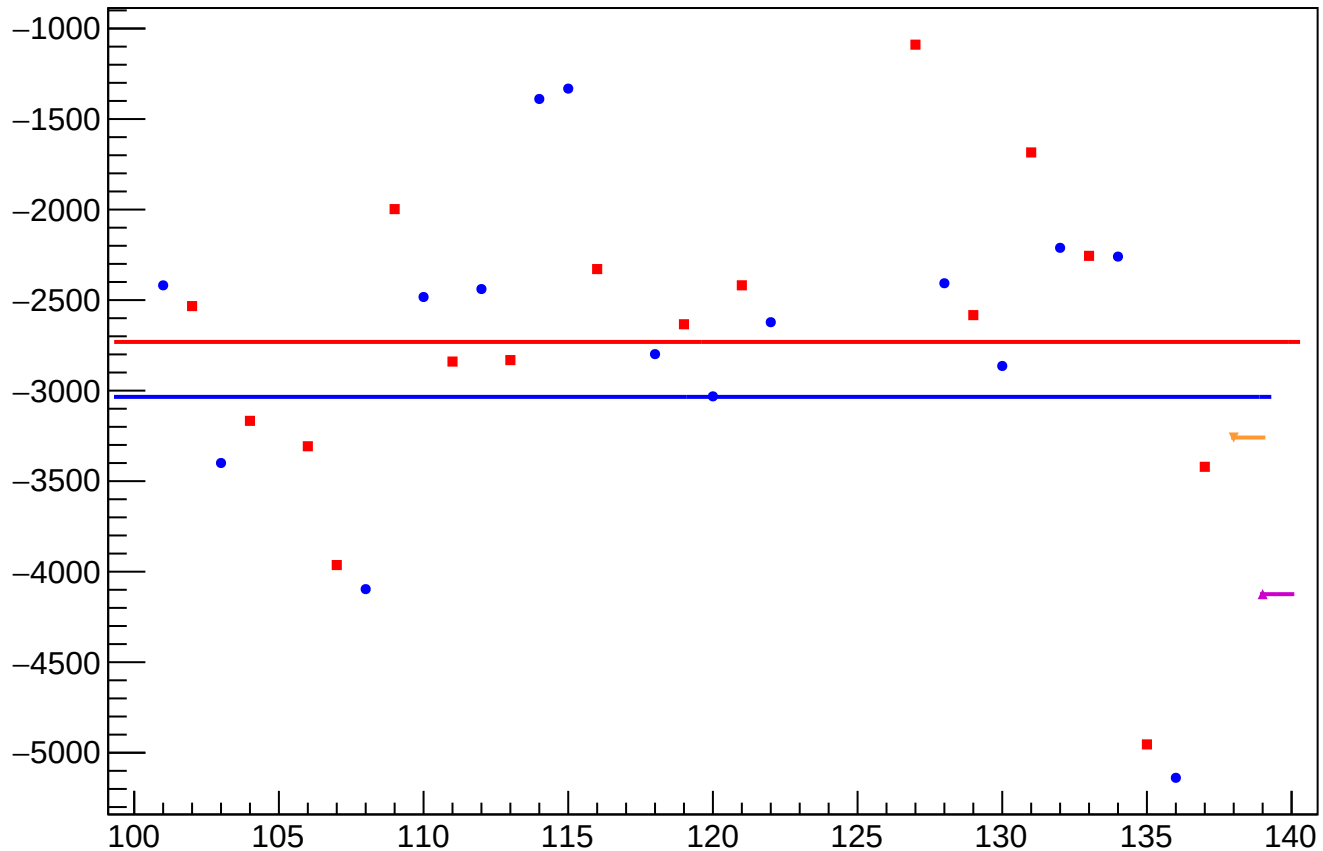
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

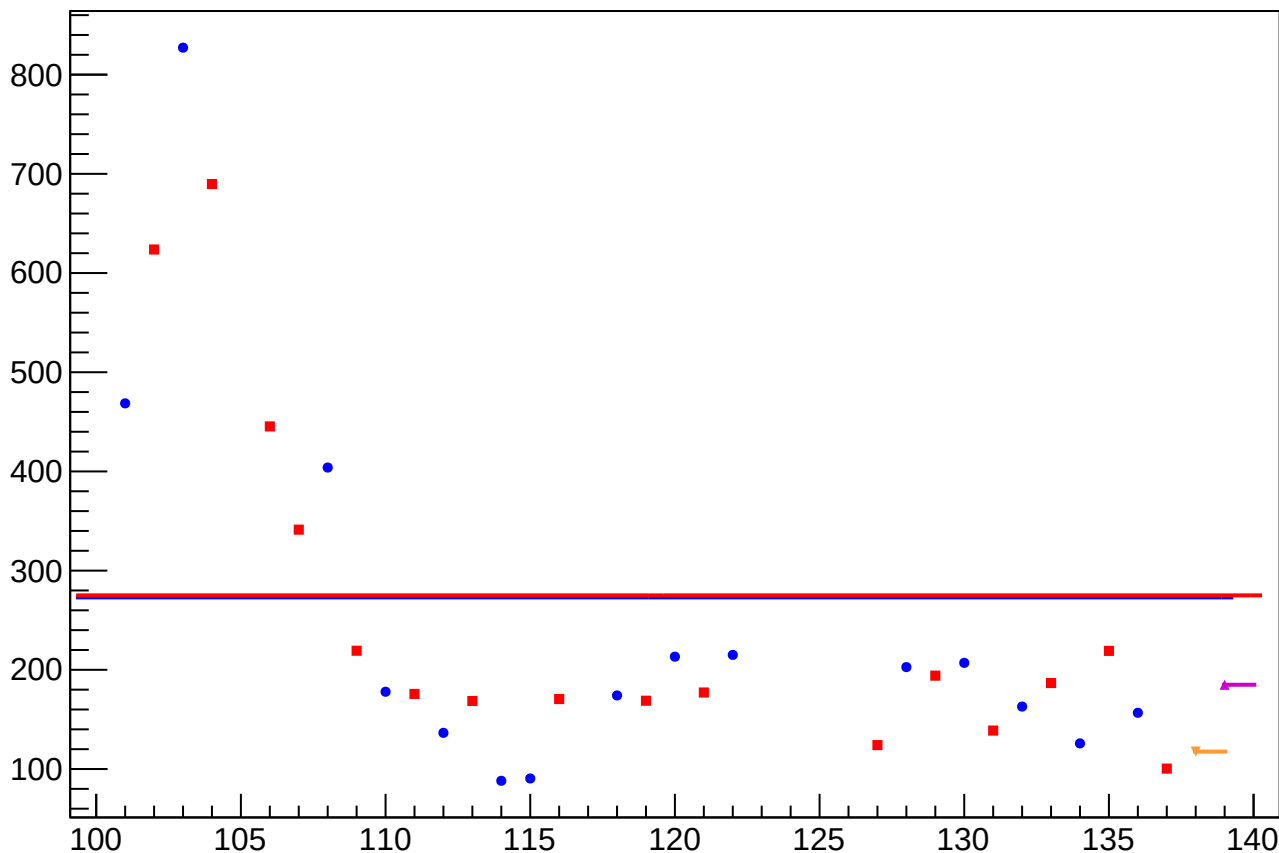
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_usr_coil3_mean vs Slug



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



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 117.587+/-0.000 χ^2/NDF : 0.0/0

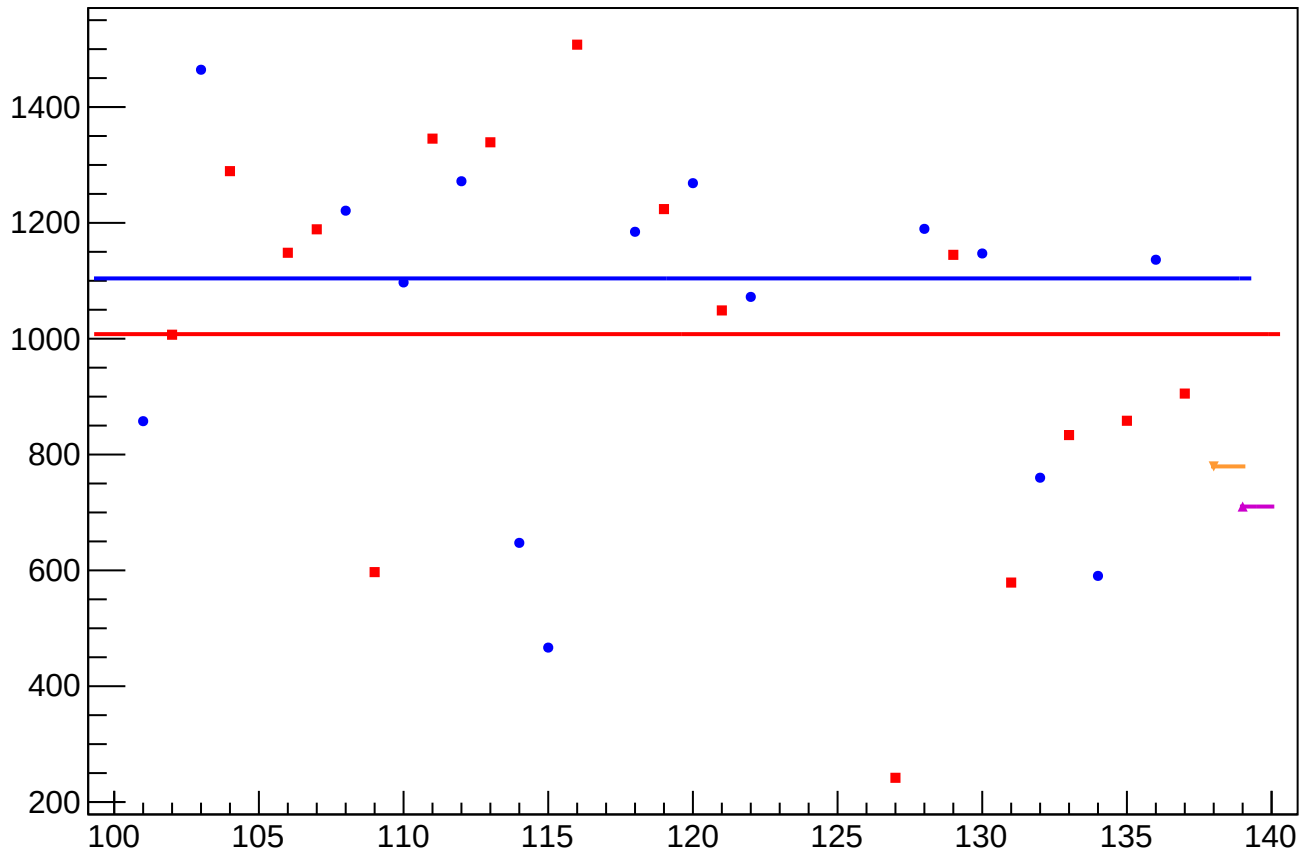
Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

Left In: 184.938+/-0.000 χ^2/NDF : 39581.9/0

256.360+/-0.000 χ^2/NDF : 28168593413748777

268.877+/-0.000 χ^2/NDF : 22635363687876574

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

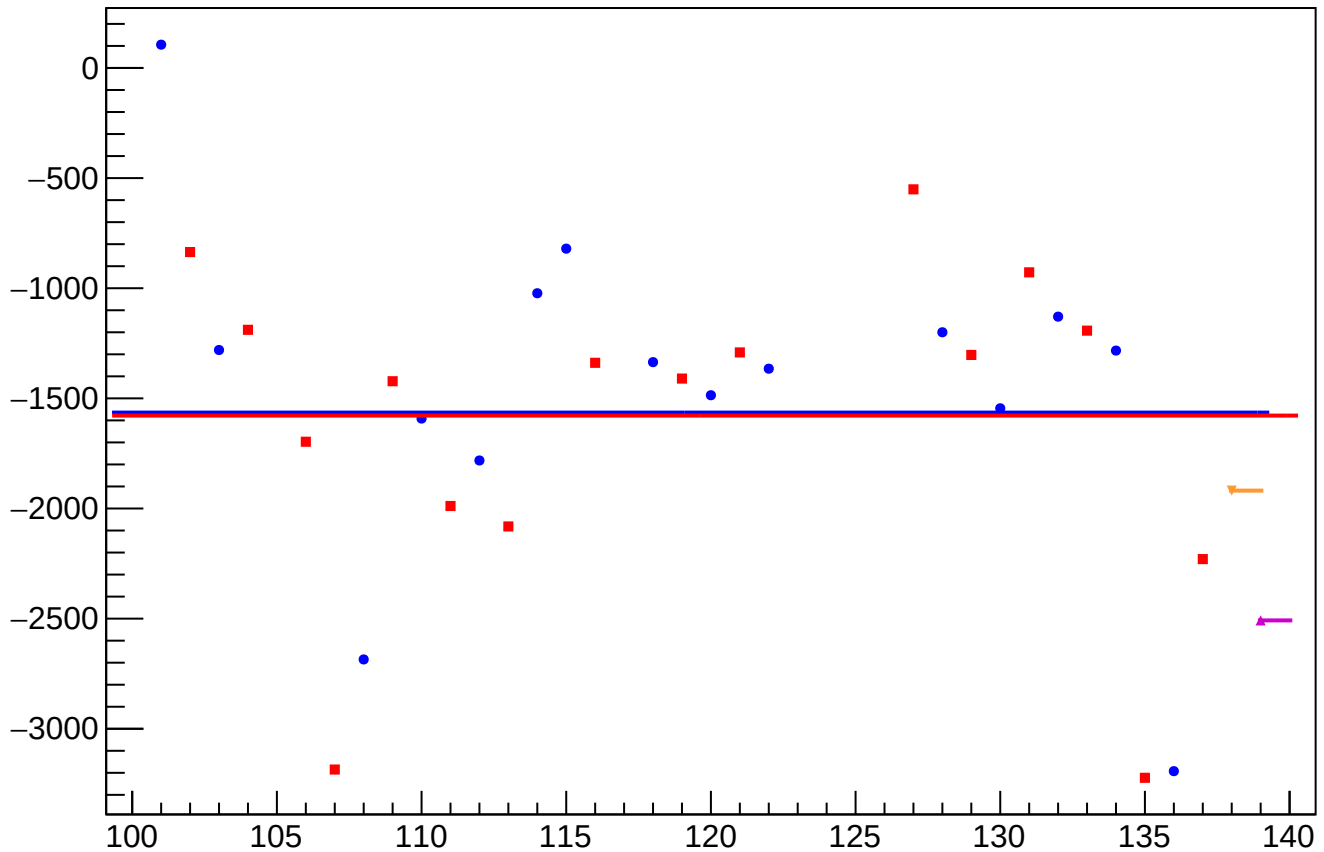
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

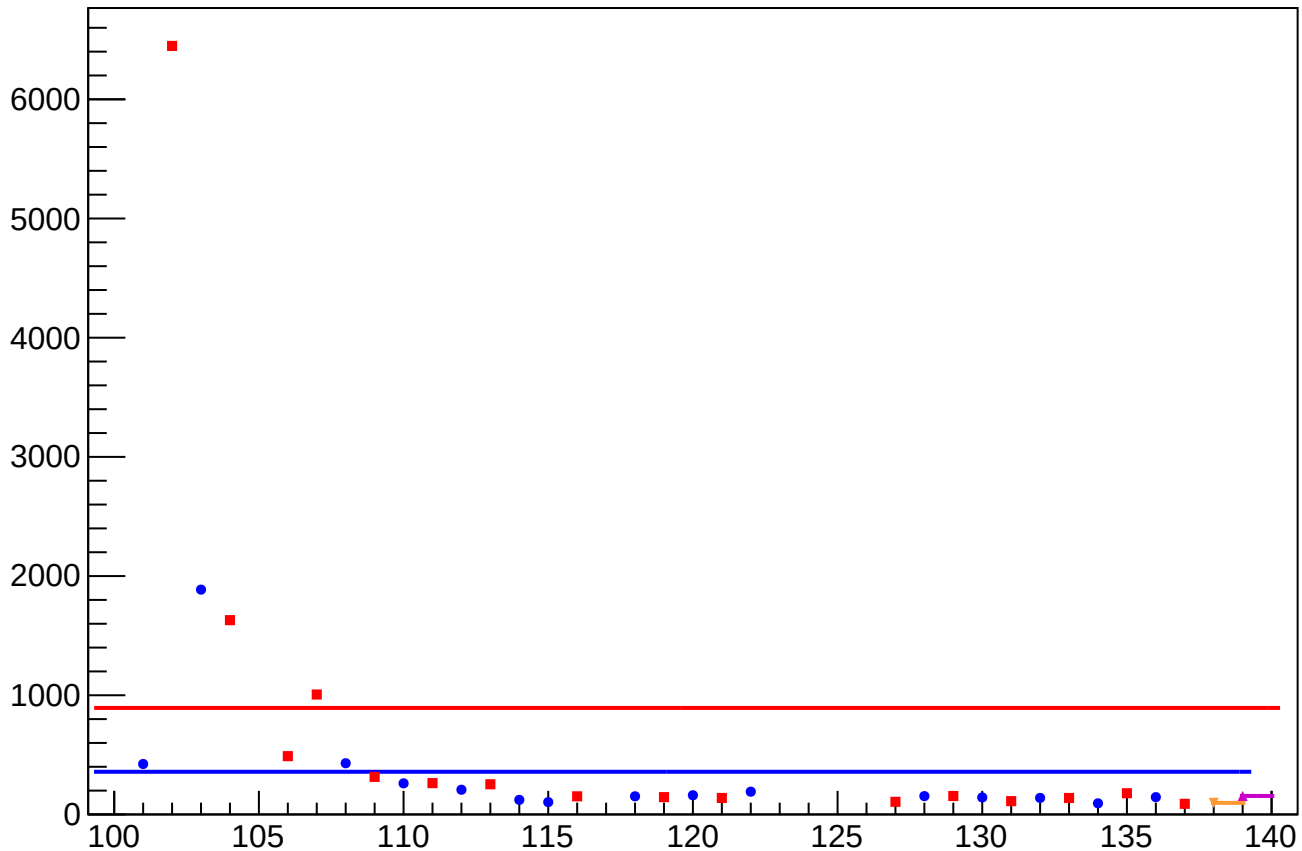
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_atl1_coil3_mean vs Slug



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



Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 97.181+/-0.000 χ^2/NDF : 0.0/0

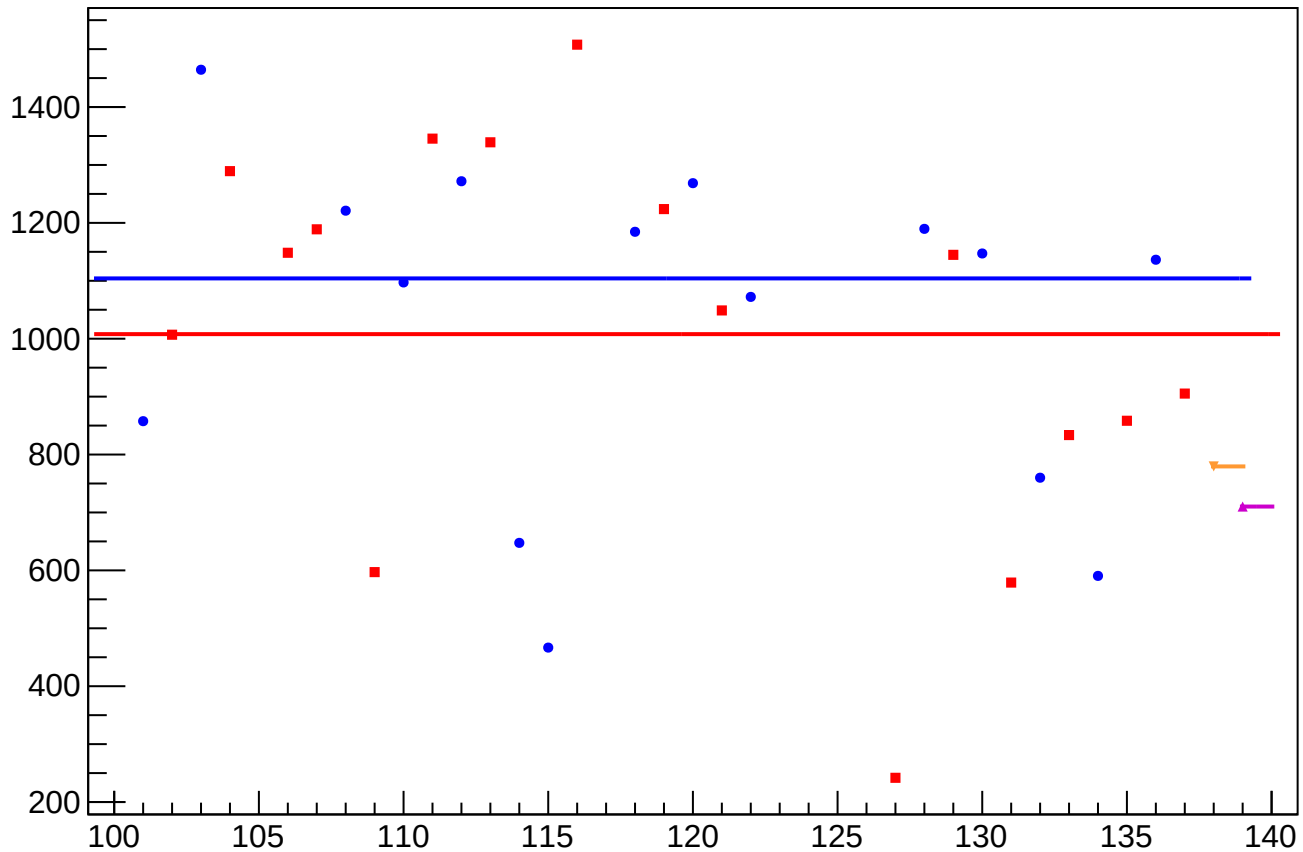
Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 155.247+/-0.000 χ^2/NDF : 0.0/0

330.088+/-0.000 χ^2/NDF : 16266248825882820

843.347+/-0.000 χ^2/NDF : 21008251358281174

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

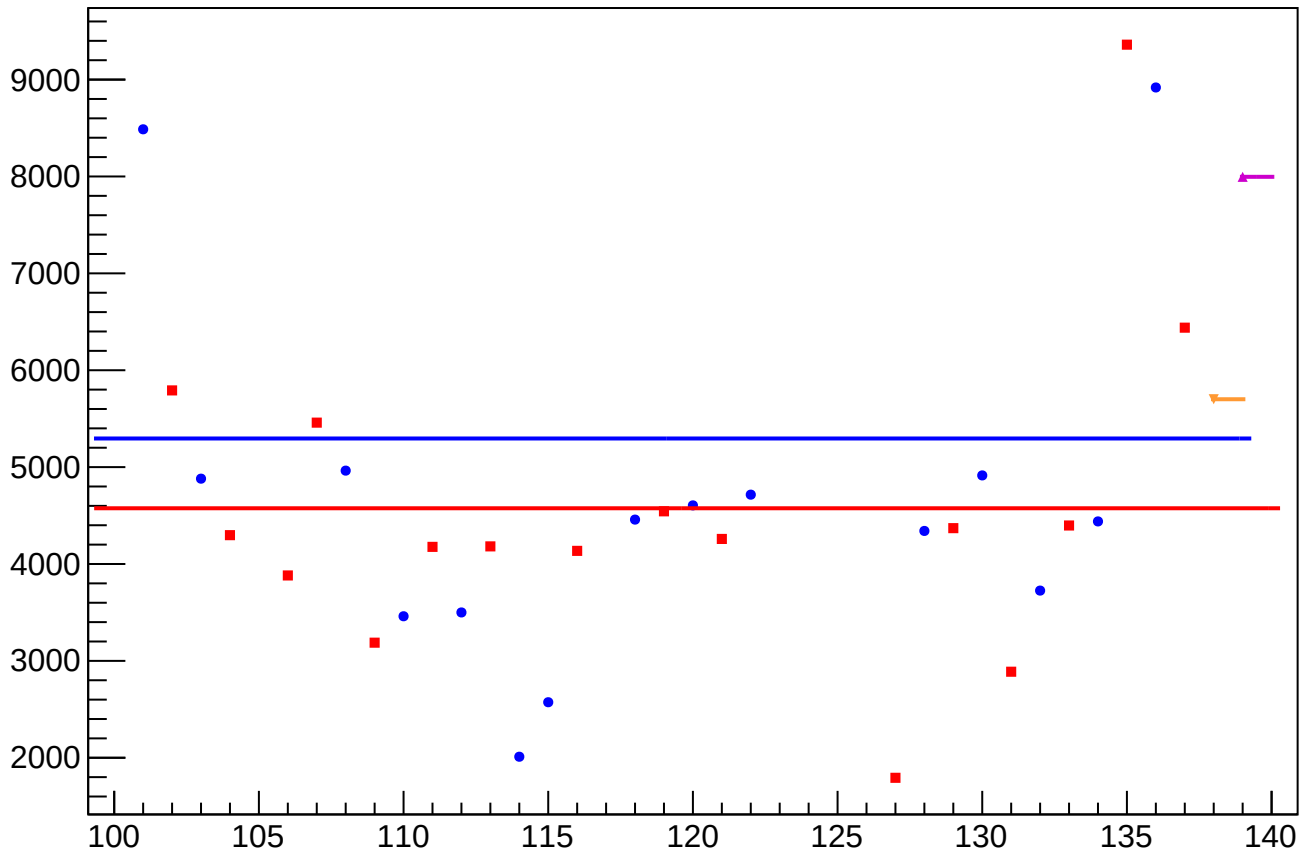
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

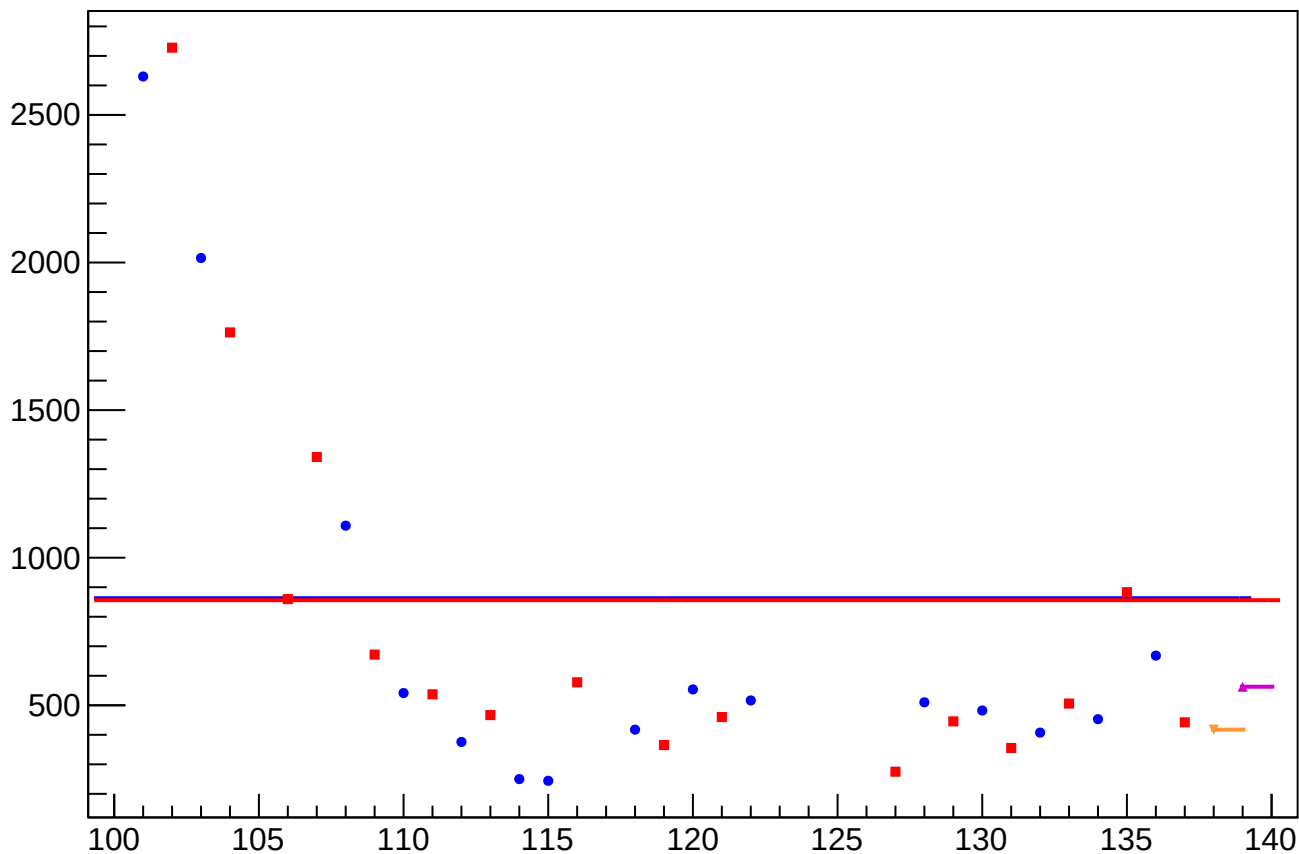
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_atl2_coil3_mean vs Slug



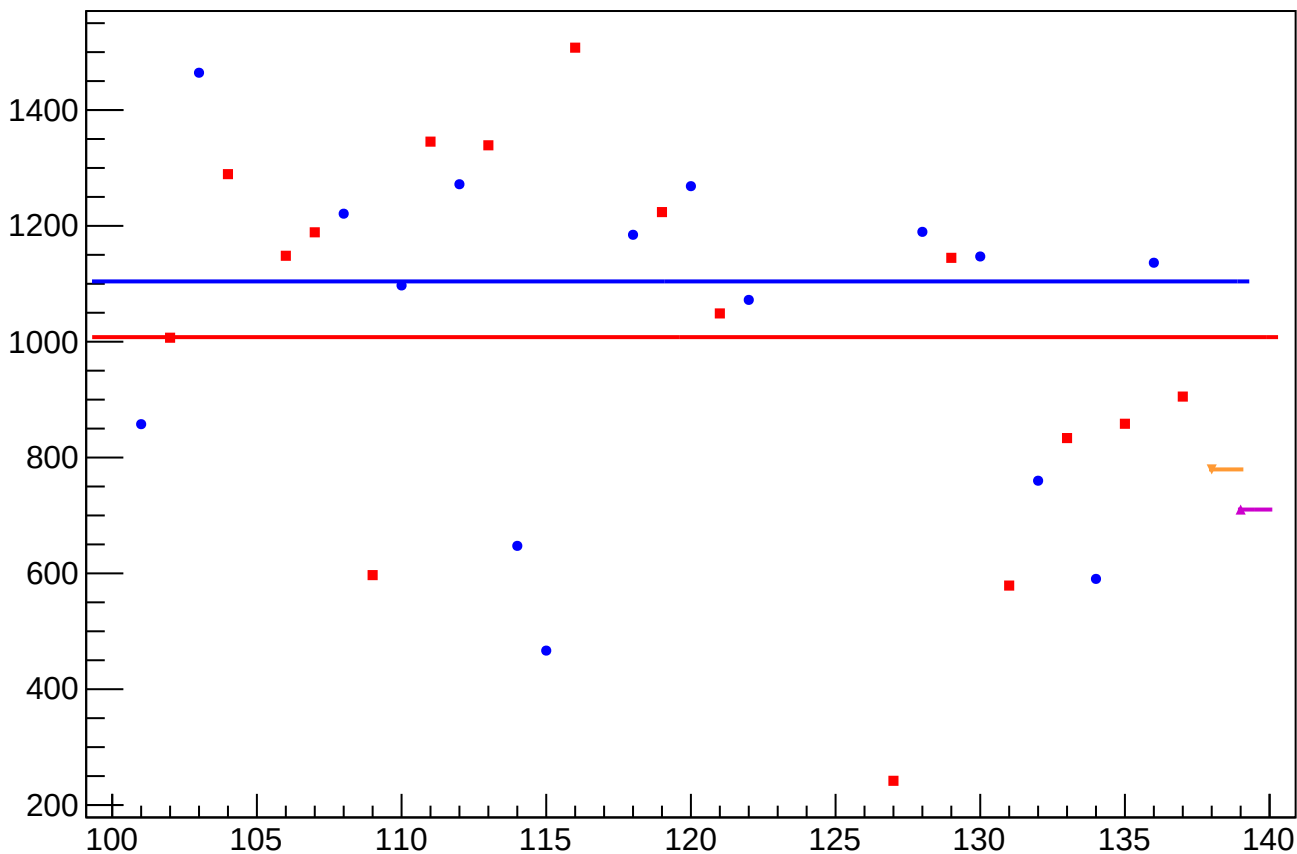
Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 5700.606+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 7996.422+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug



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

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

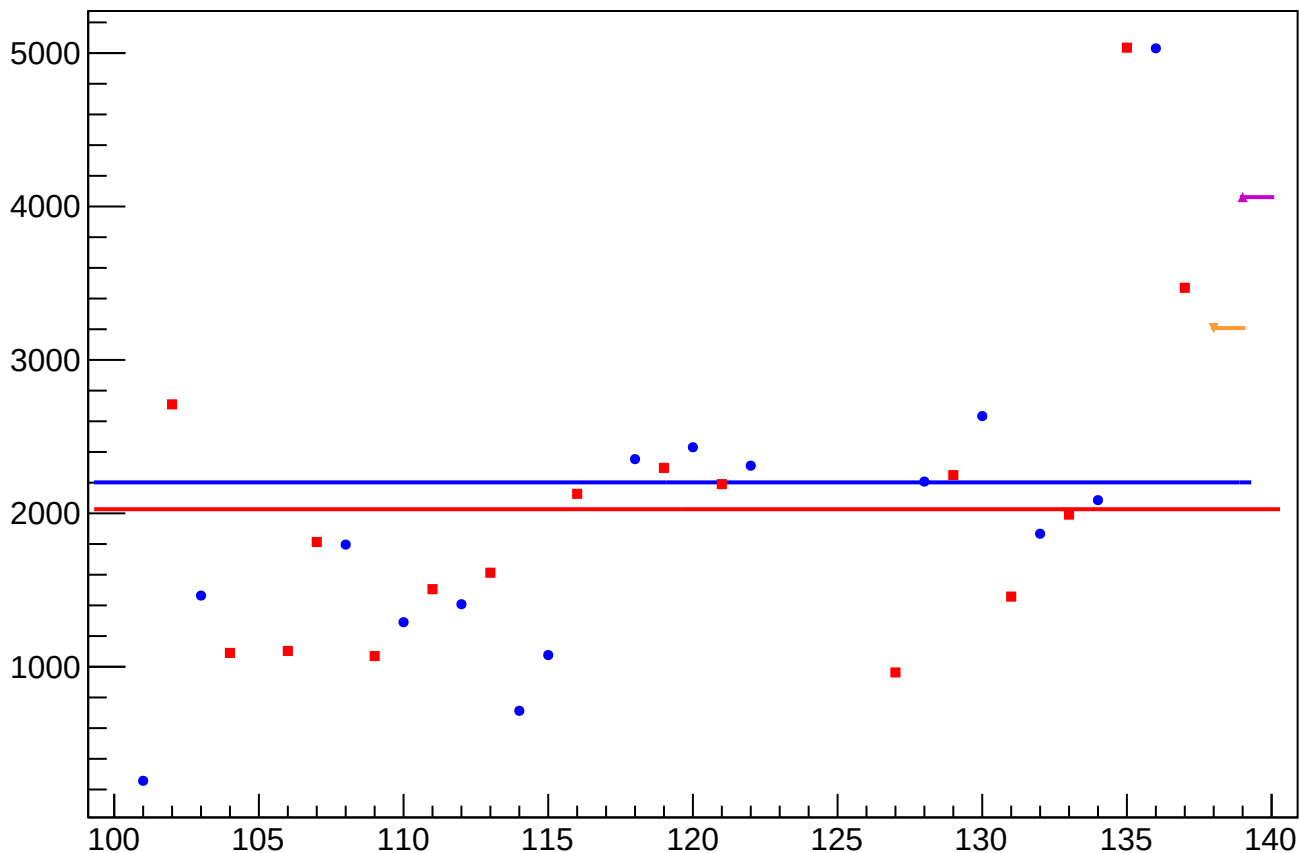
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

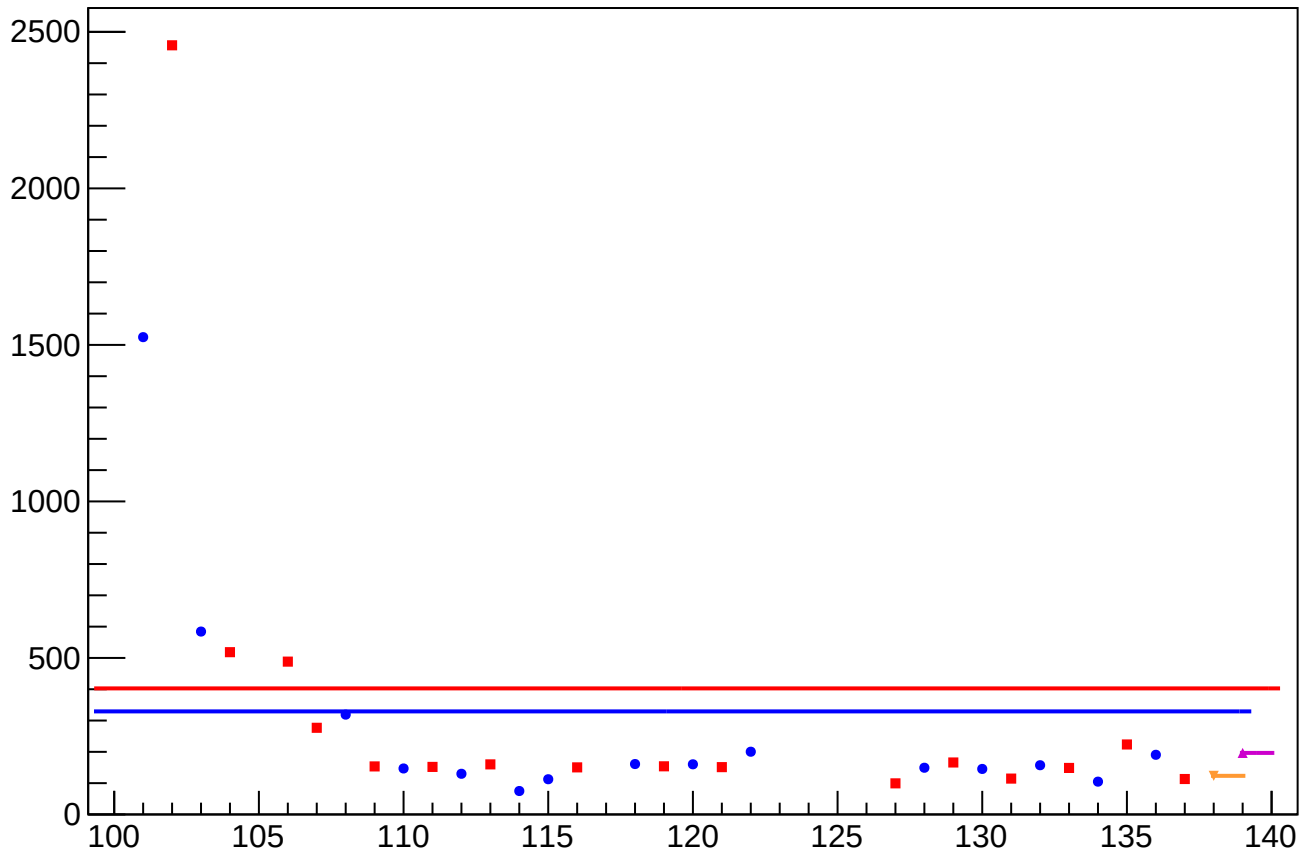
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_atr1_coil3_mean vs Slug



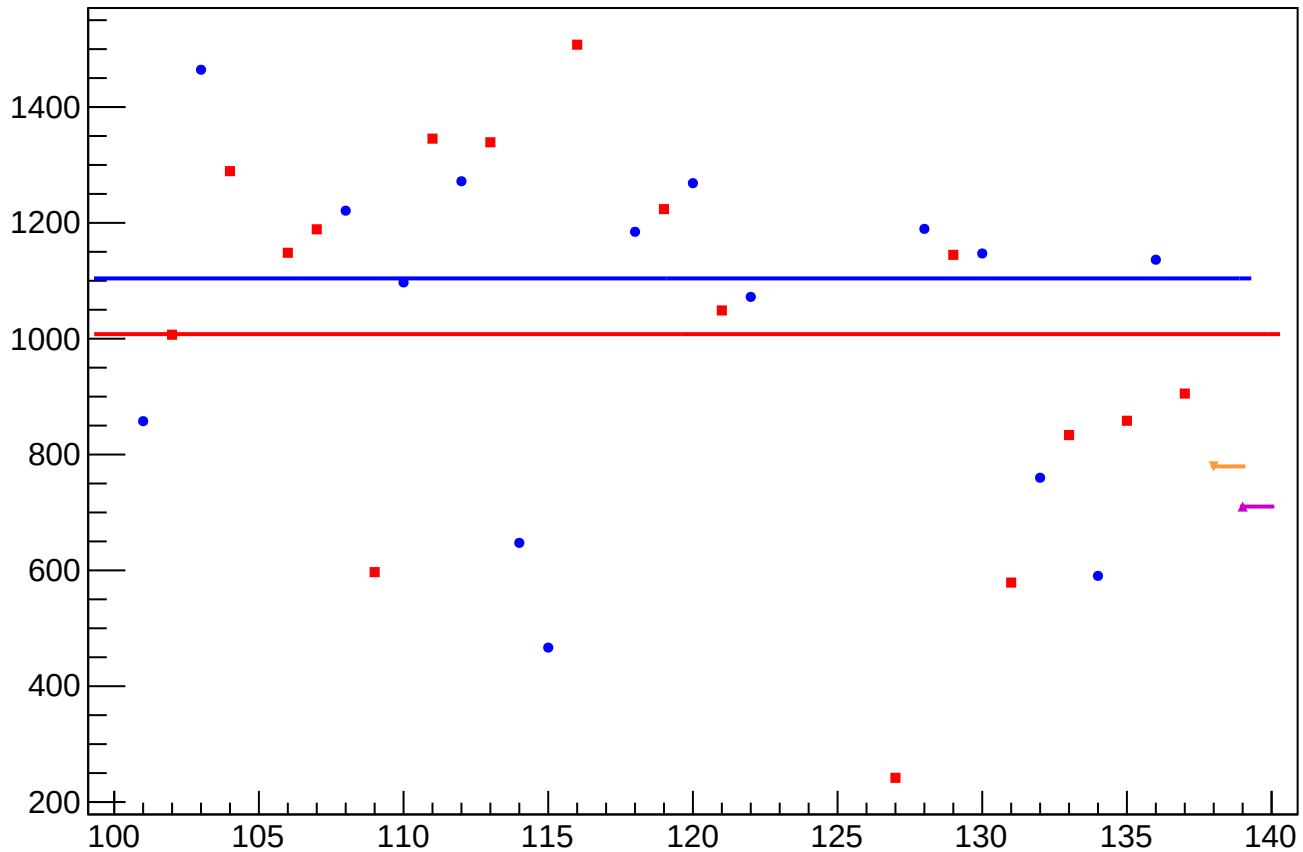
Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 3207.747+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 4061.111+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000	χ^2/NDF : 103285029091922742033837903437132464128.0/14	307.144+/-0.000	χ^2/NDF : 10623554611302741
Left Out: 123.381+/-0.000	χ^2/NDF : 15752.0/0		
Right Out: 402.690+/-0.000	χ^2/NDF : 277636056793293374242116053515003494400.0/15	388.586+/-0.000	χ^2/NDF : 27957483875677089
Left In: 196.599+/-0.000	χ^2/NDF : 0.0/0		

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

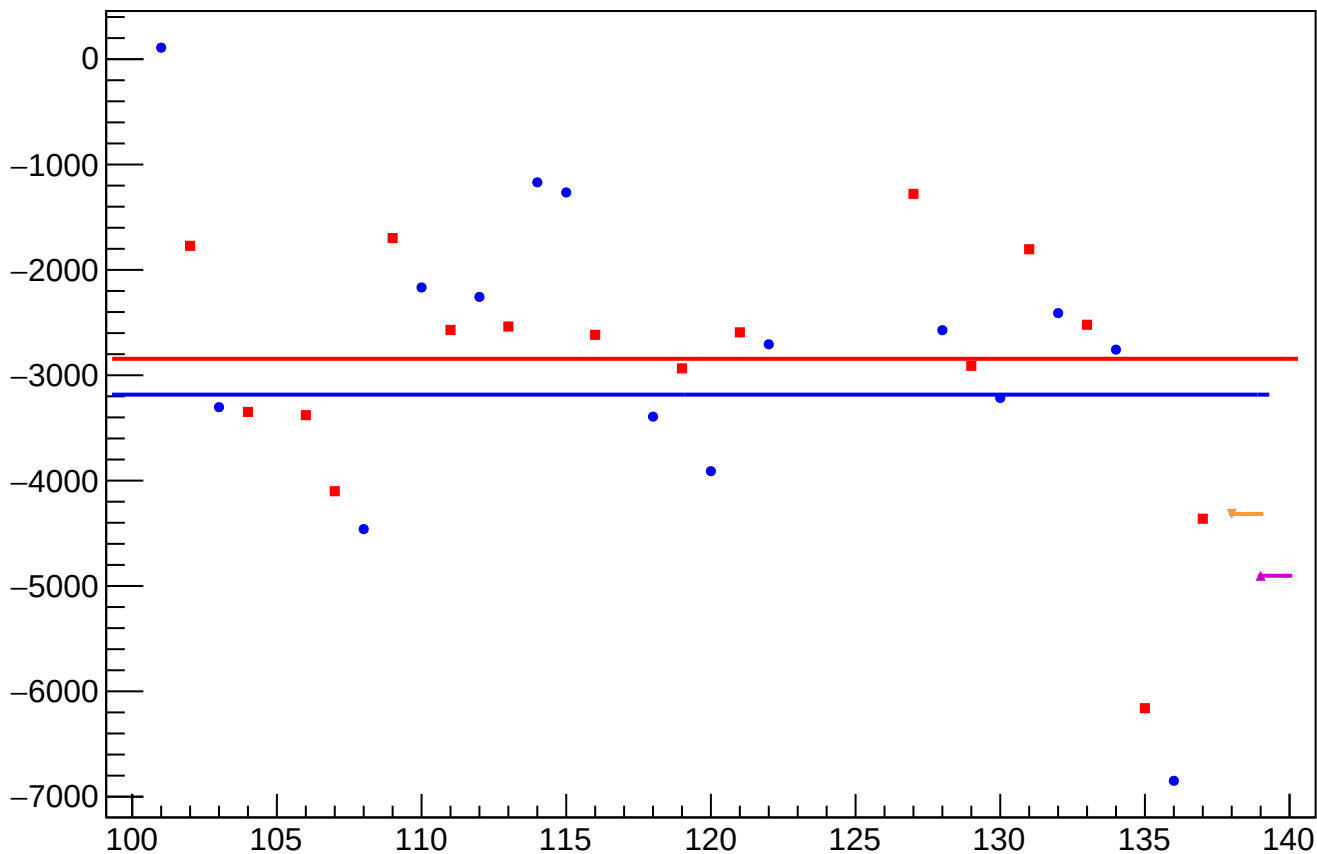
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

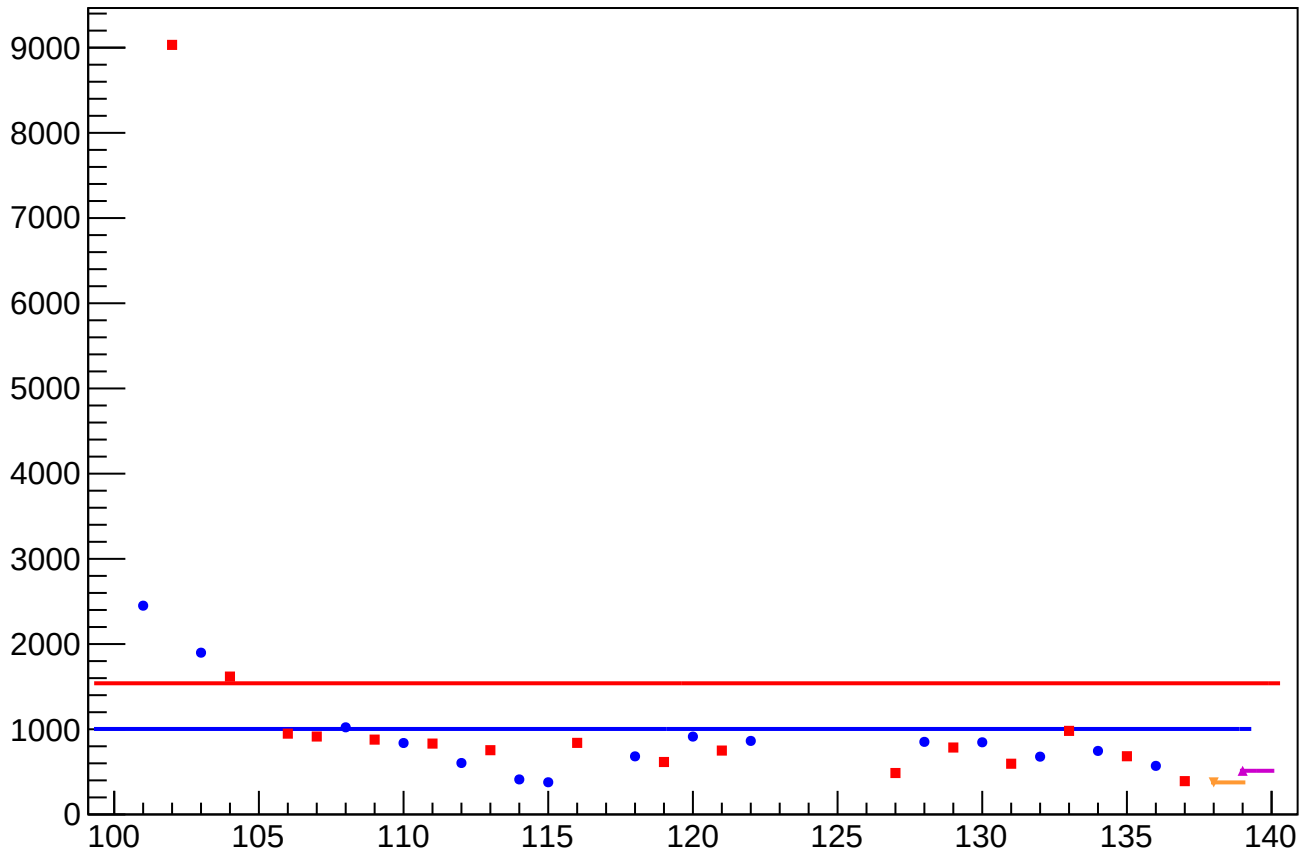
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_atr2_coil3_mean vs Slug



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



Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

Left Out: 376.110+/-0.000 χ^2/NDF : 252031.6/0

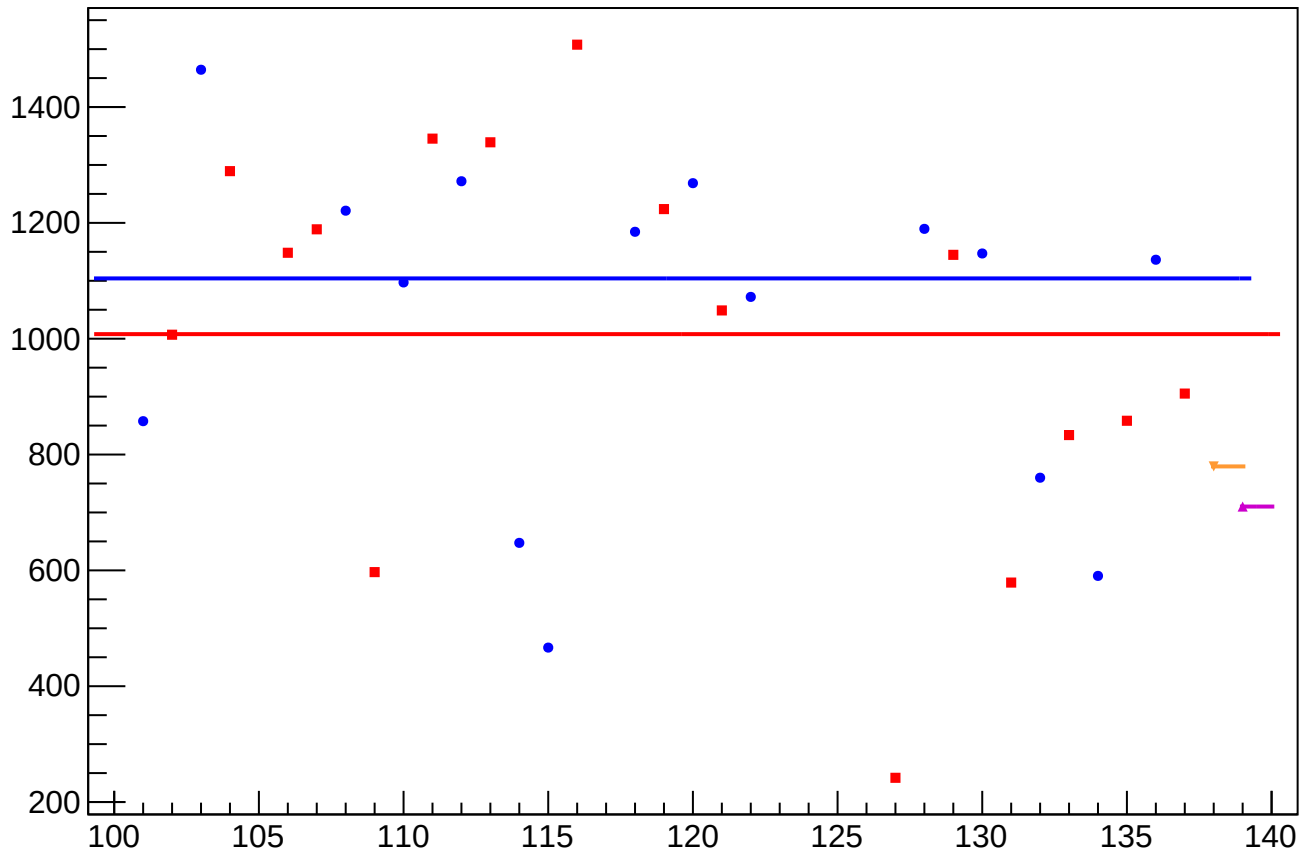
936.104+/-0.000 χ^2/NDF : 24721528523431630

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

1469.279+/-0.000 χ^2/NDF : 3662927363194425

Left In: 512.485+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

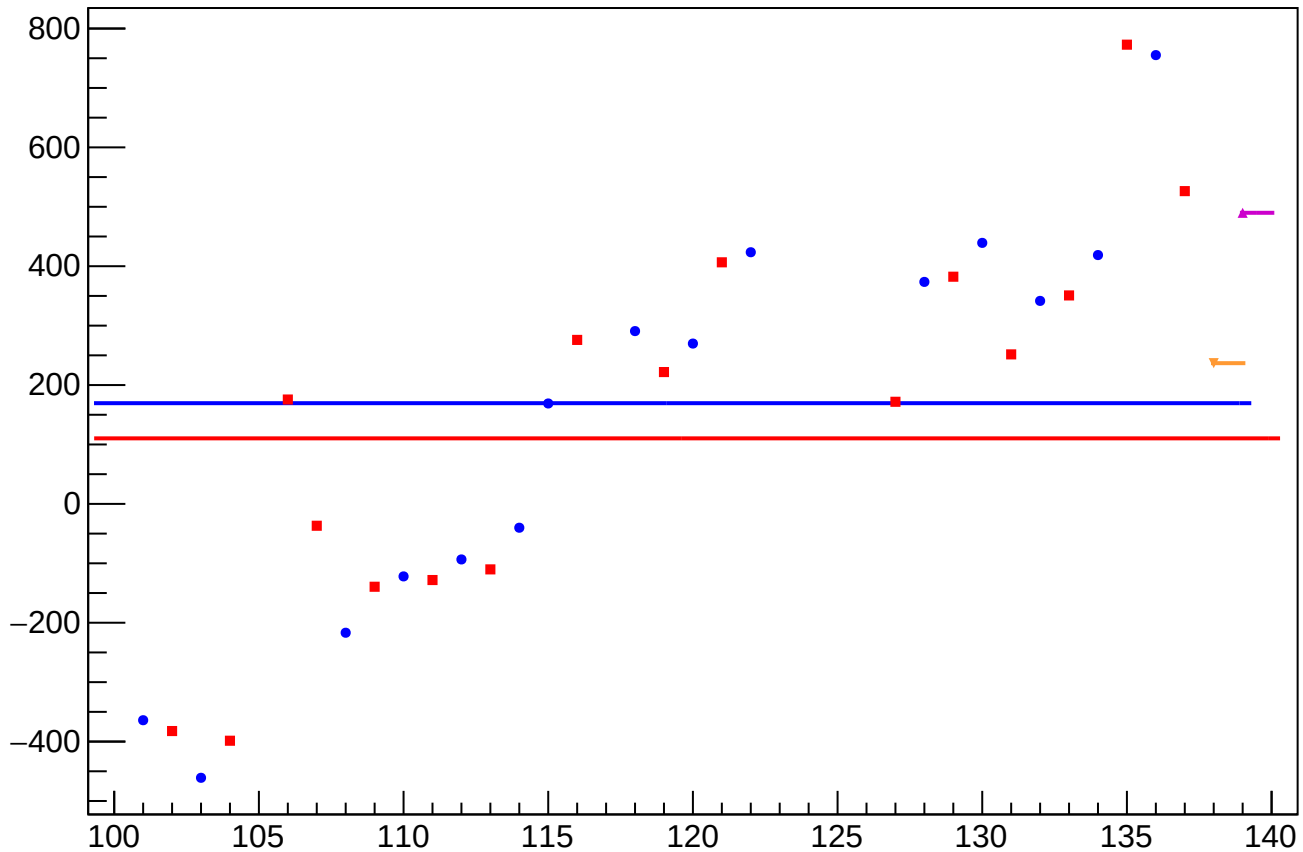
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 236.833+/-0.000 χ^2/NDF : 63007.9/0

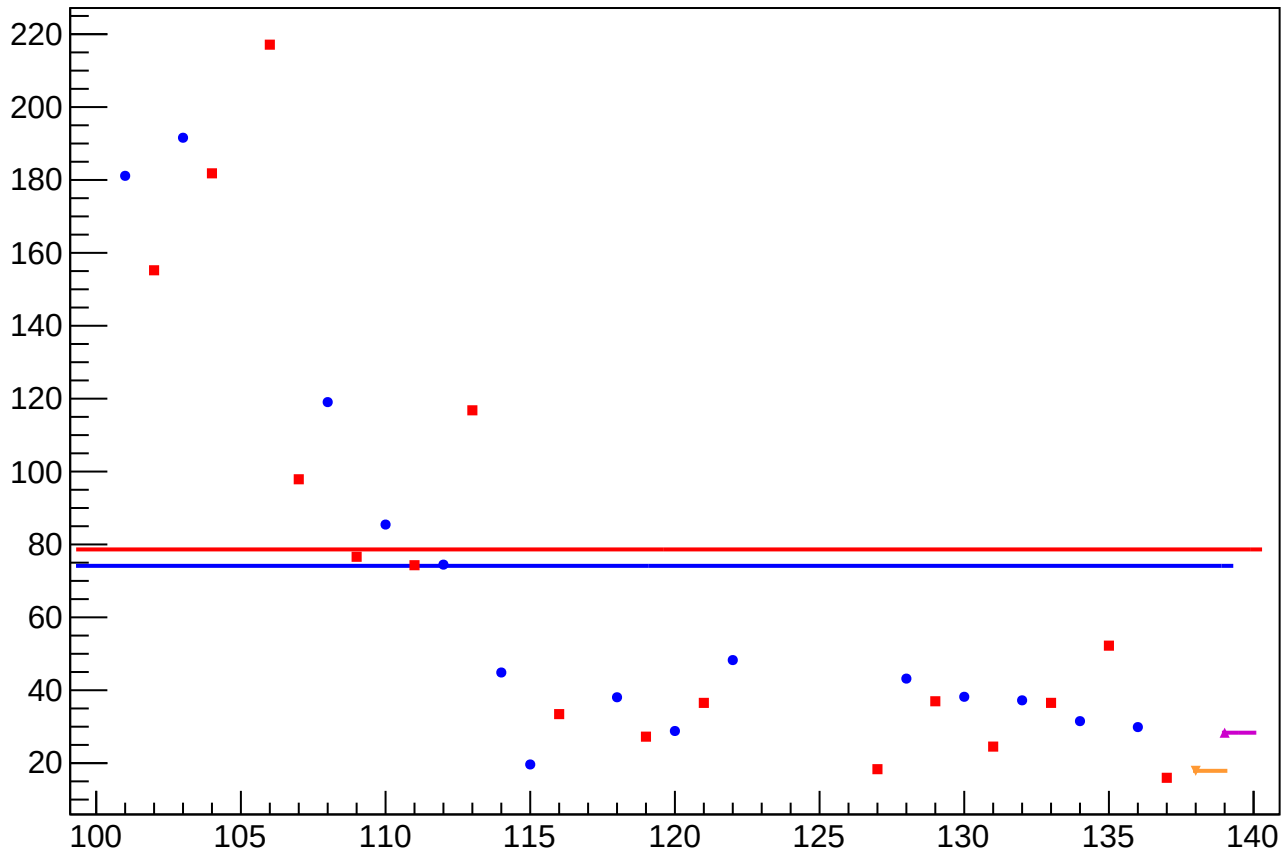
Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

Left In: 489.898+/-0.000 χ^2/NDF : 0.0/0

176.714+/-0.000 χ^2/NDF : 95751682039273887

136.268+/-0.000 χ^2/NDF : 78348598004173517

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 17.890+/-0.000 χ^2/NDF : 984.5/0

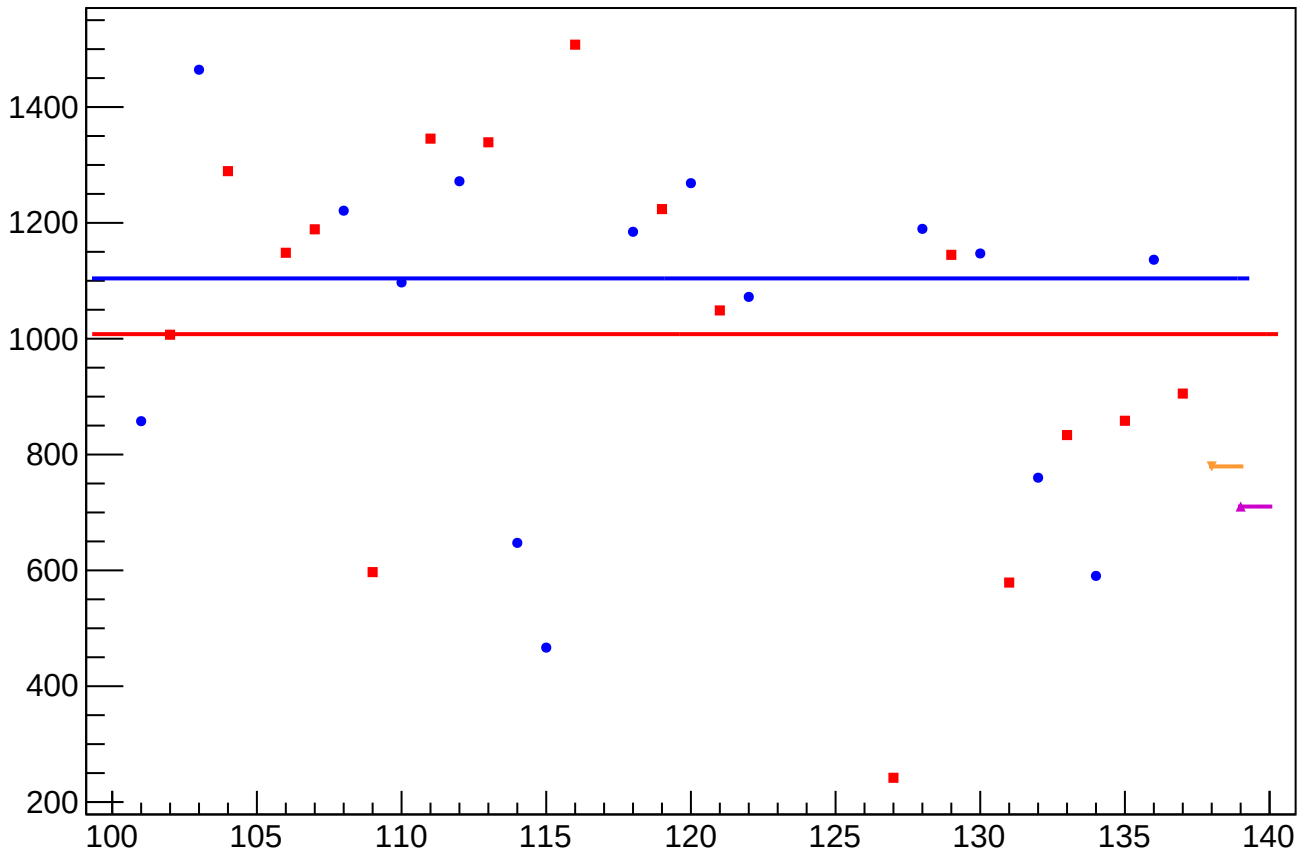
Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

Left In: 28.350+/-0.000 χ^2/NDF : 0.0/0

68.095+/-0.000 χ^2/NDF : 238860678584883515

75.192+/-0.000 χ^2/NDF : 245864351466784517

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

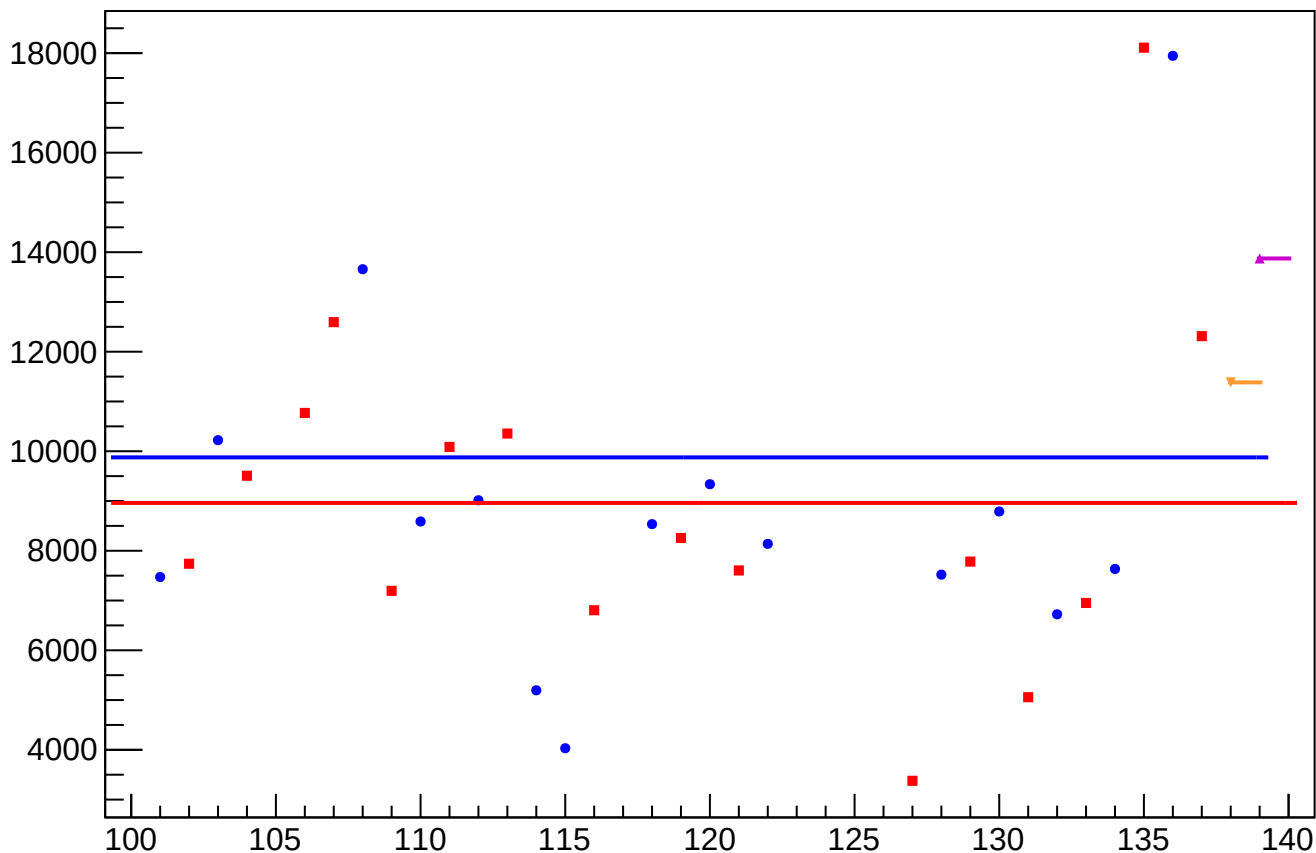
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

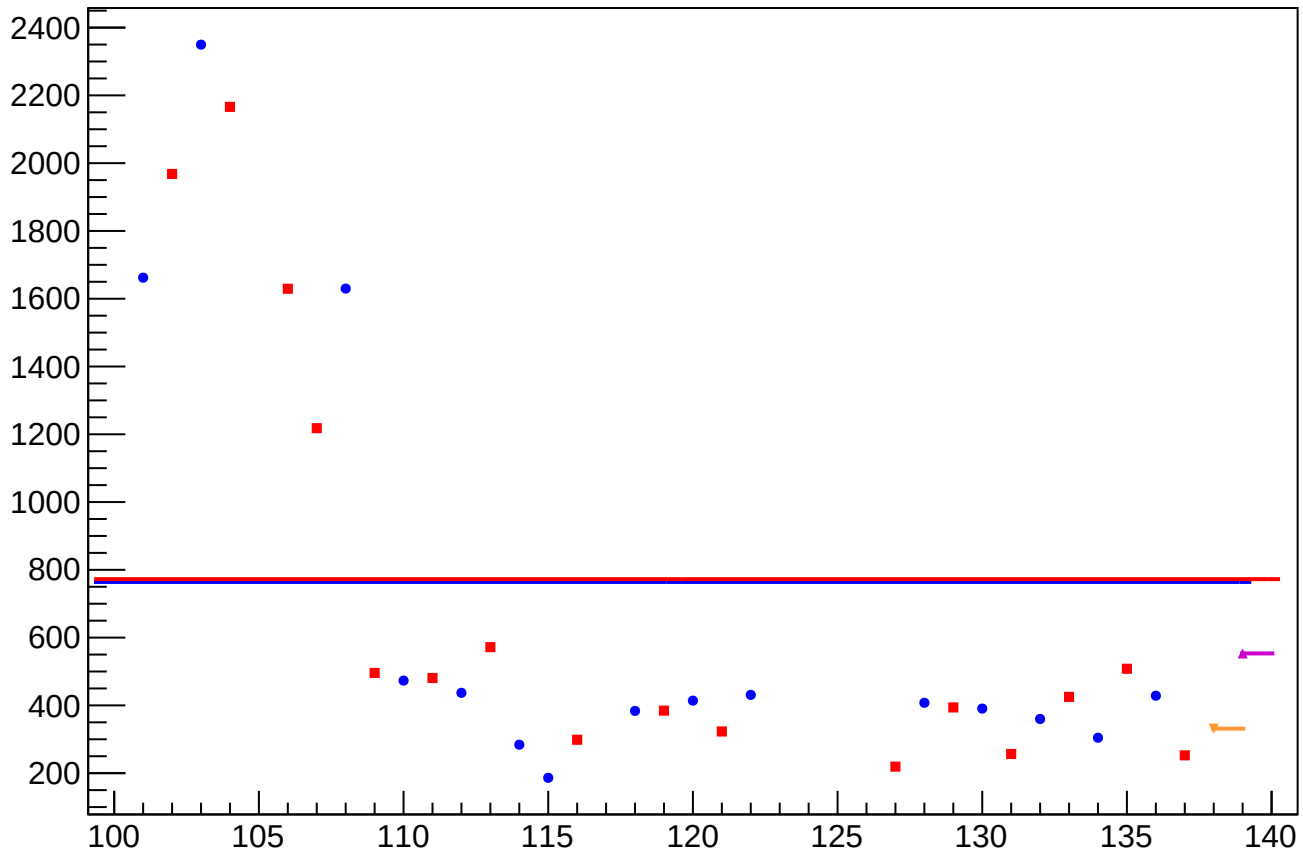
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_sam2_coil3_mean vs Slug



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



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 331.363+/-0.000 χ^2/NDF : 0.0/0

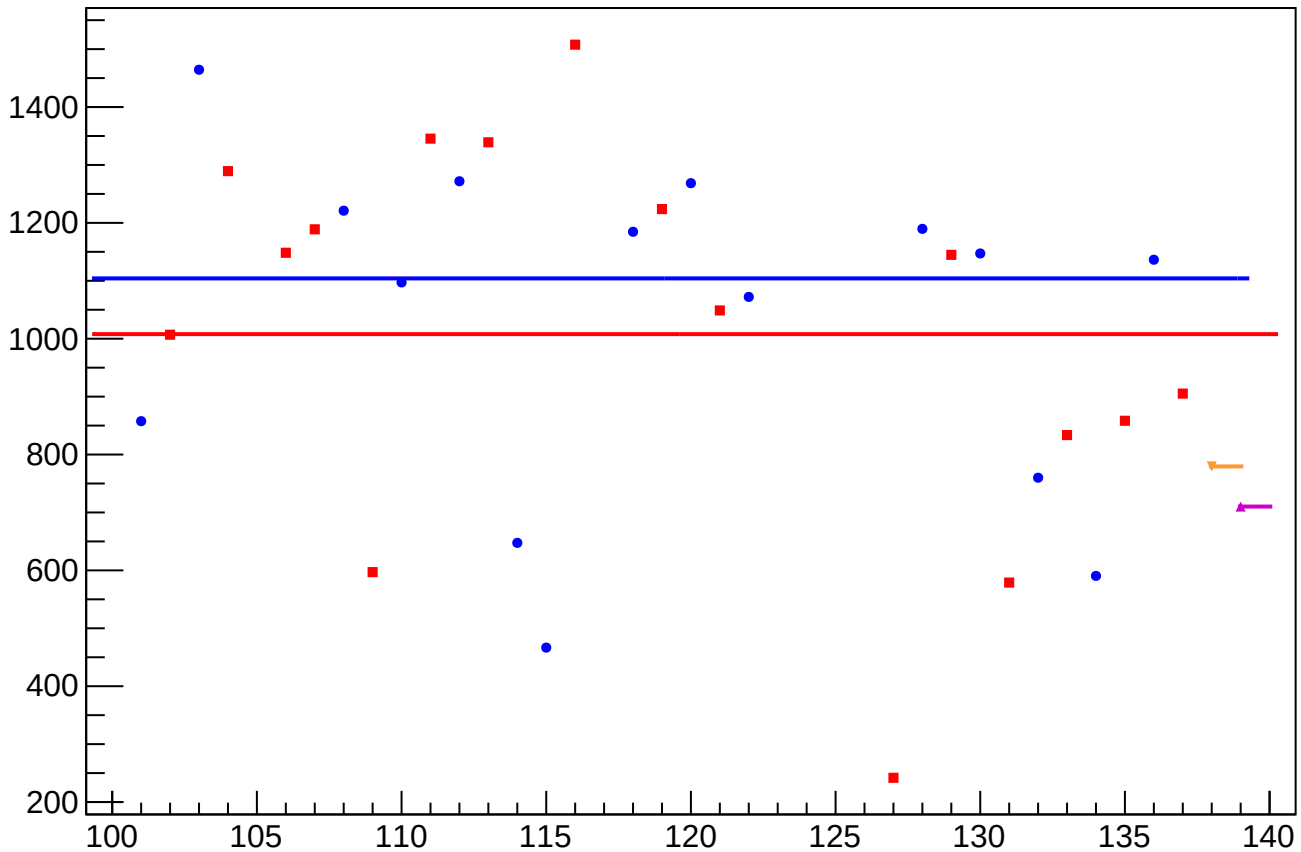
Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

Left In: 553.335+/-0.000 χ^2/NDF : 0.0/0

717.836+/-0.000 χ^2/NDF : 30401511409171427

757.546+/-0.000 χ^2/NDF : 28809564210724367

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

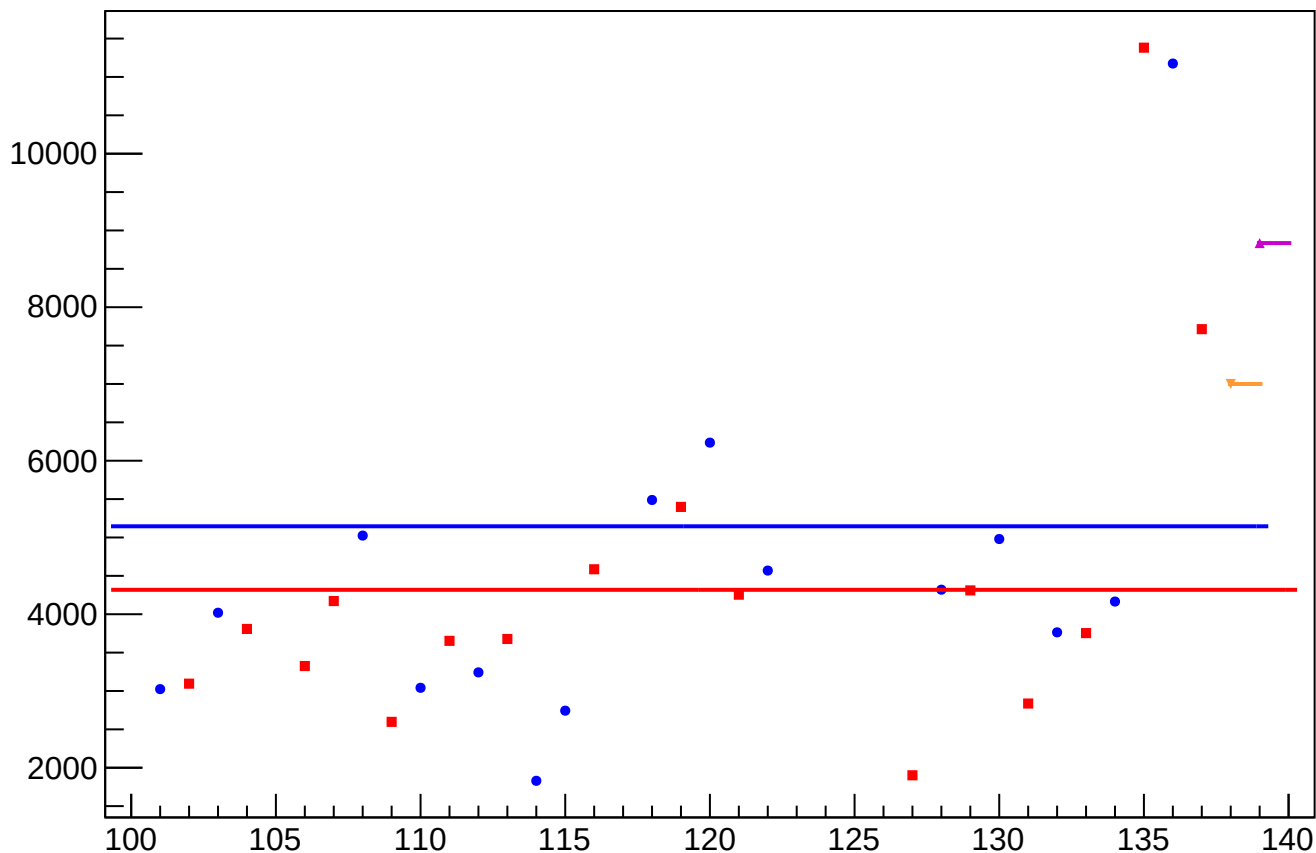
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

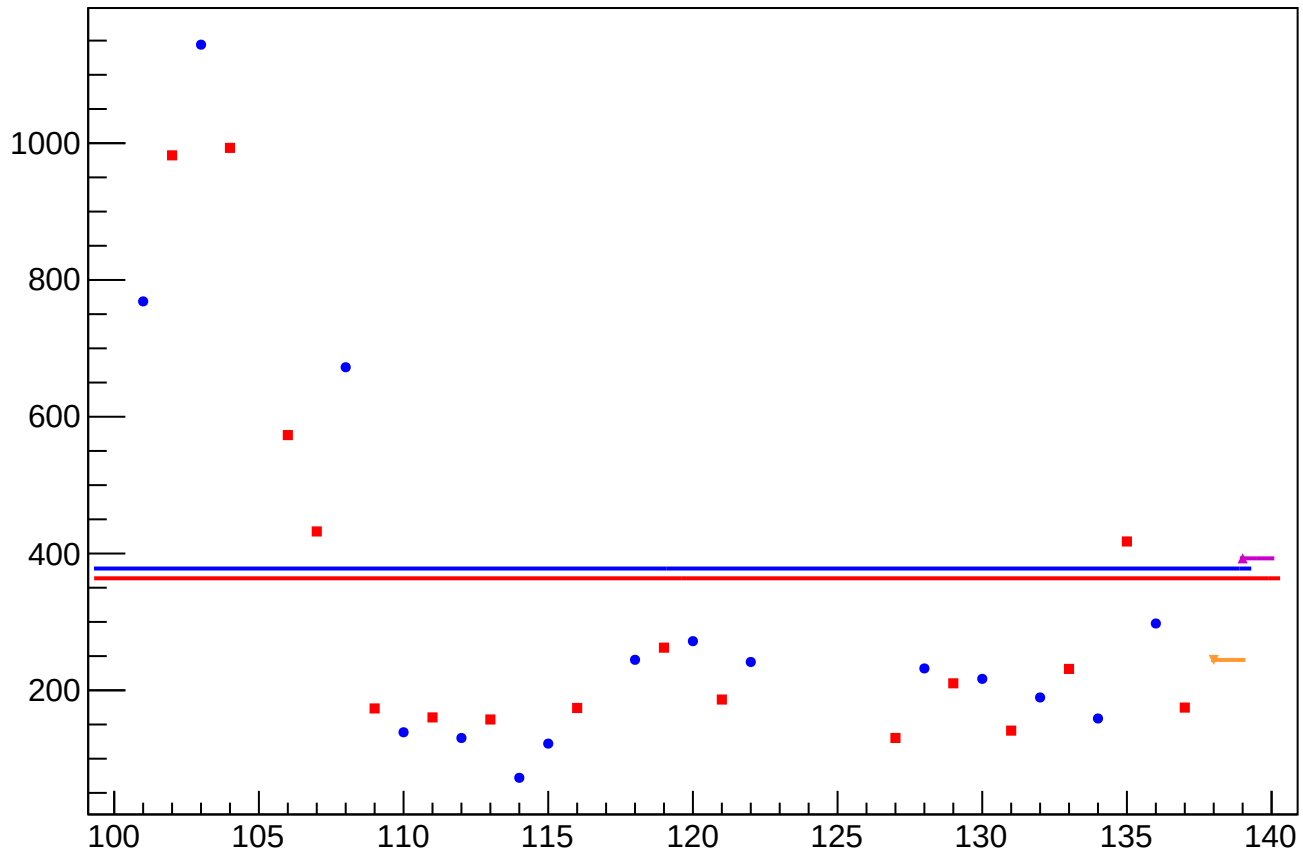
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_sam3_coil3_mean vs Slug



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



Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 244.411+/-0.000 χ^2/NDF : 0.0/0

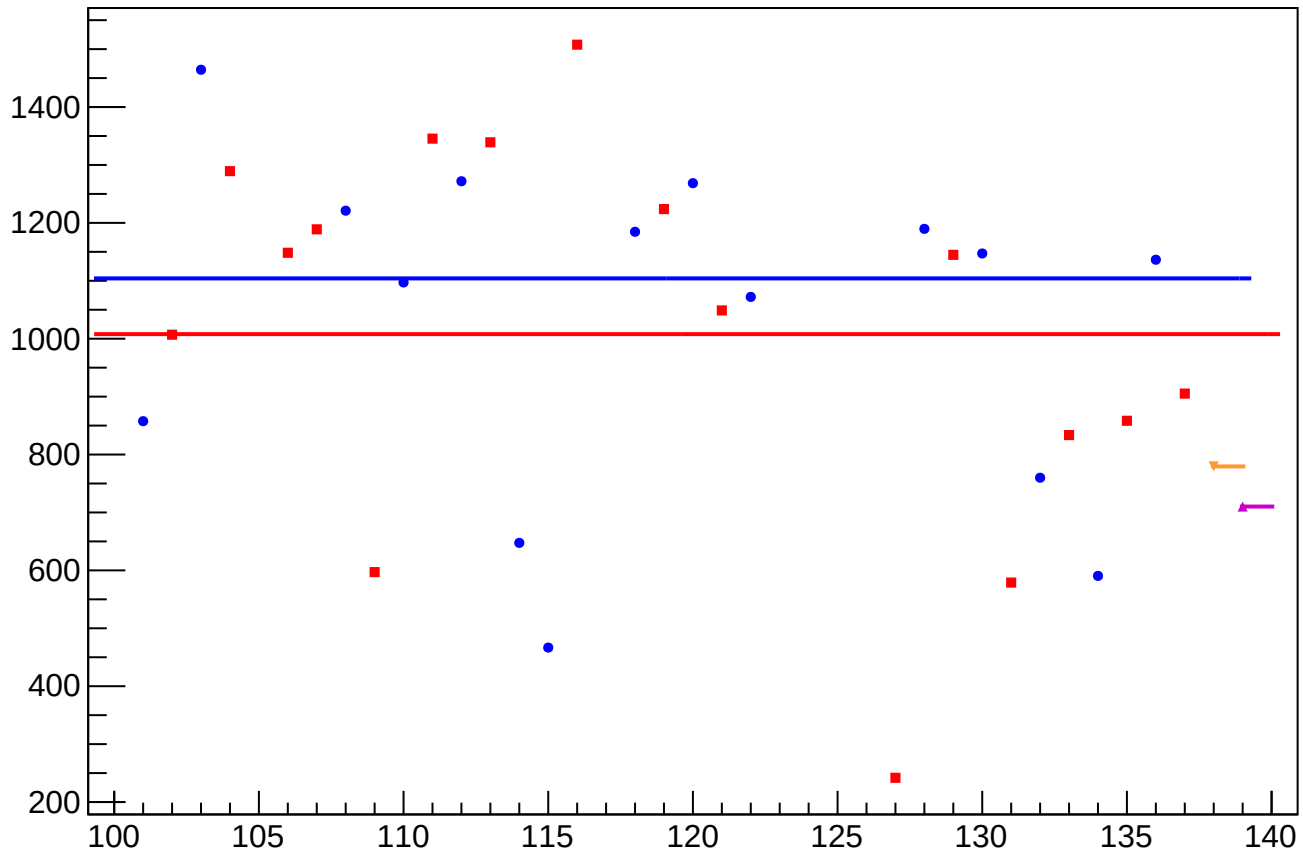
Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

Left In: 392.938+/-0.000 χ^2/NDF : 0.0/0

363.714+/-0.000 χ^2/NDF : 62760205122207463

365.768+/-0.000 χ^2/NDF : 59070165166404509

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

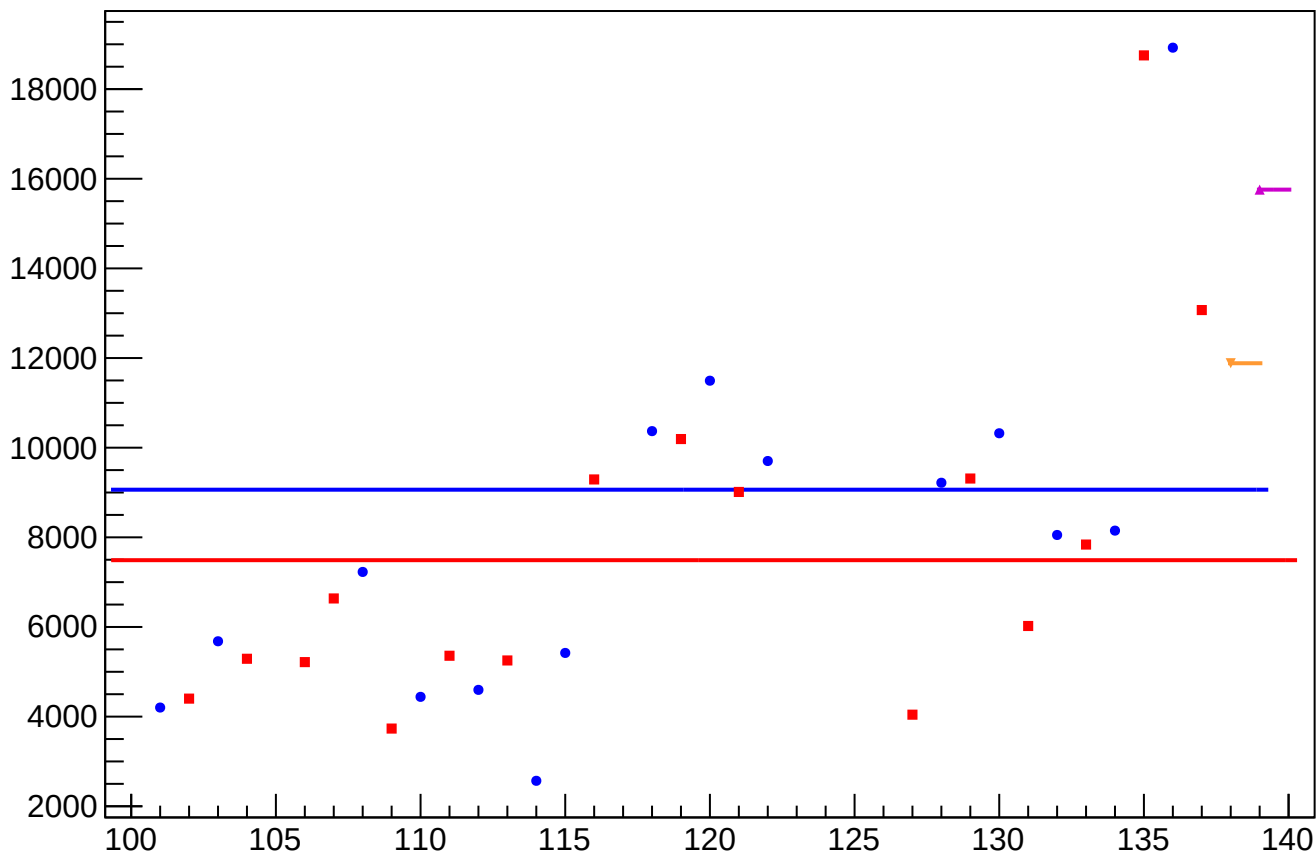
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14

Left Out: 11884.065+/-0.000 χ^2/NDF : 258080351.1/0

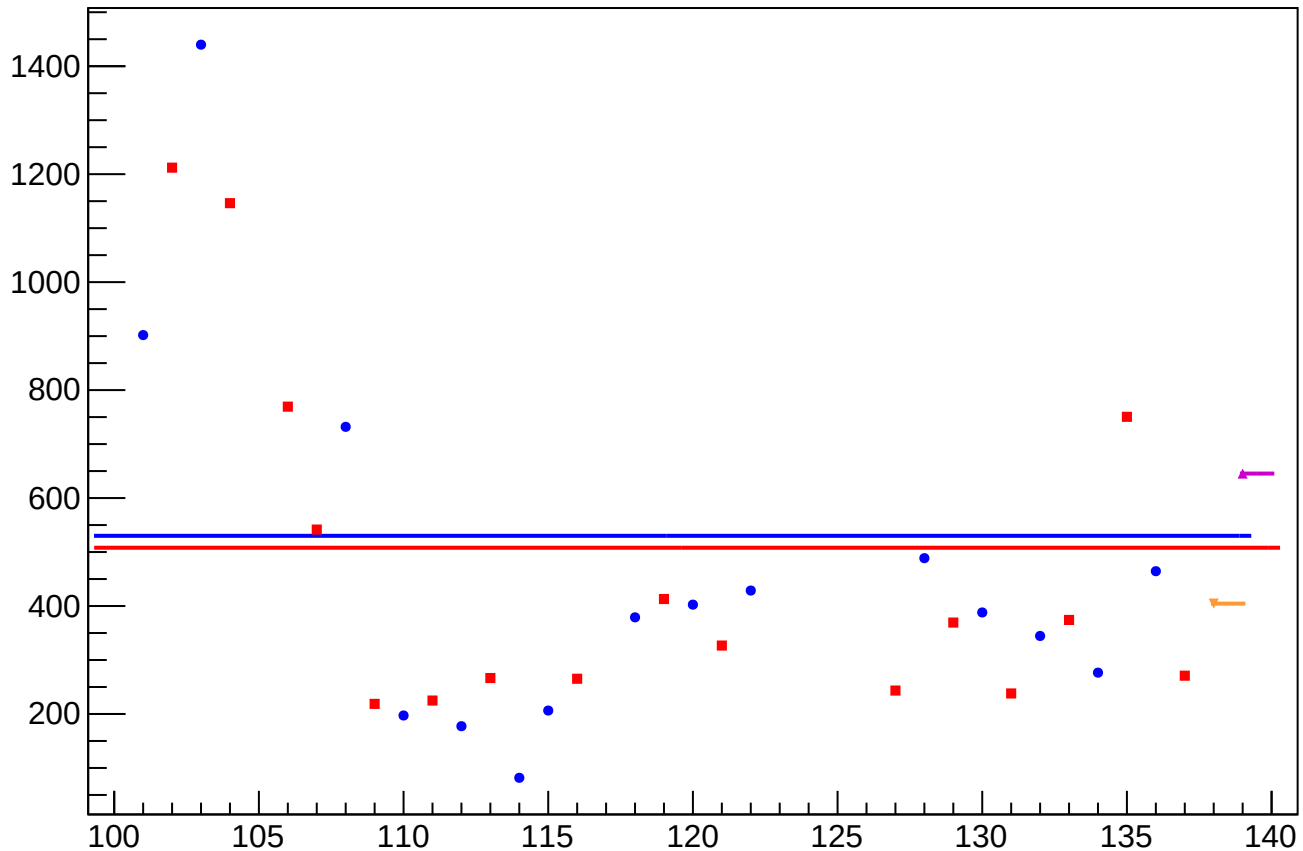
Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15

Left In: 15757.419+/-0.000 χ^2/NDF : 0.0/0

9365.414+/-0.000 χ^2/NDF : 141753357936248

8055.924+/-0.000 χ^2/NDF : 1322804937890369

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 404.456+/-0.000 χ^2/NDF : 252031.6/0

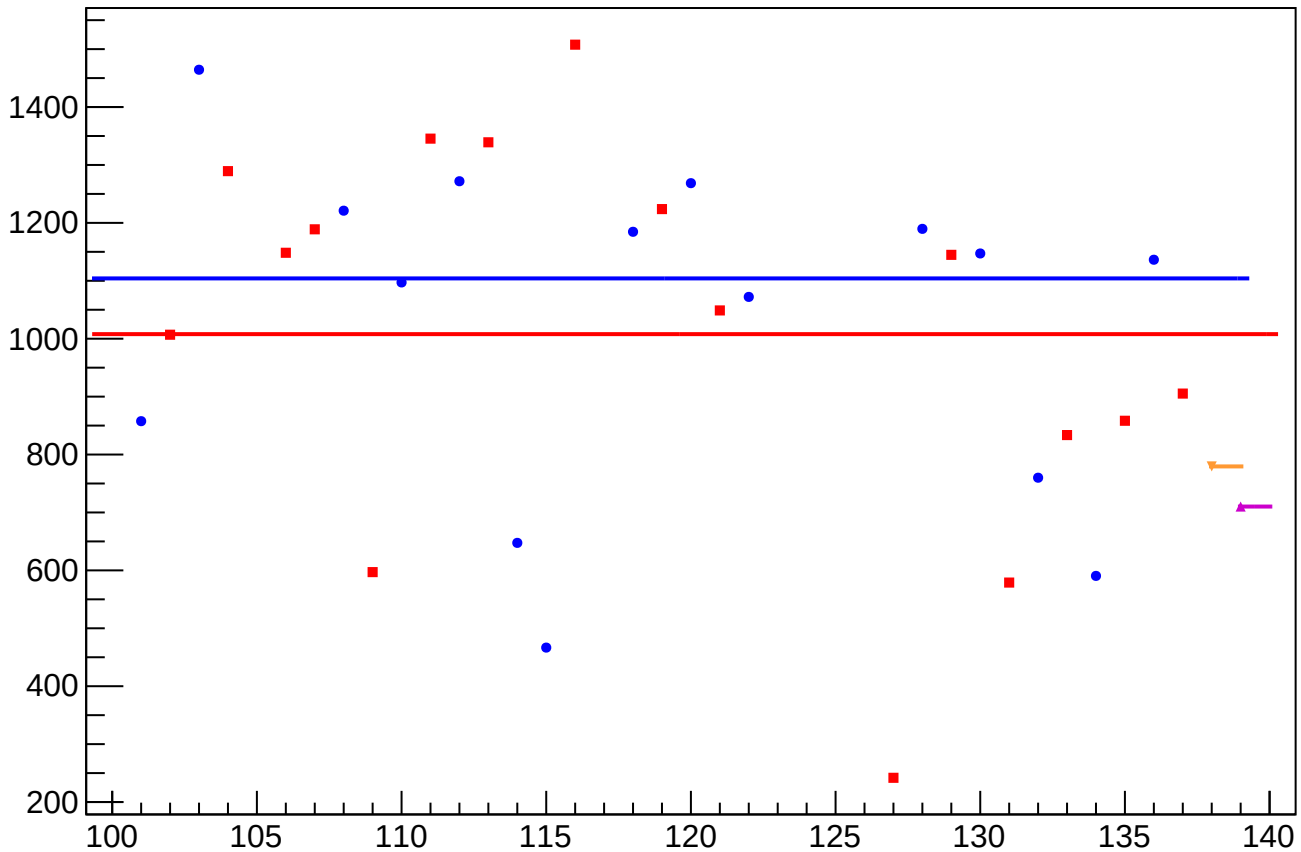
Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

Left In: 645.355+/-0.000 χ^2/NDF : 0.0/0

516.581+/-0.000 χ^2/NDF : 79853161186909734

517.388+/-0.000 χ^2/NDF : 77551089085258332

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

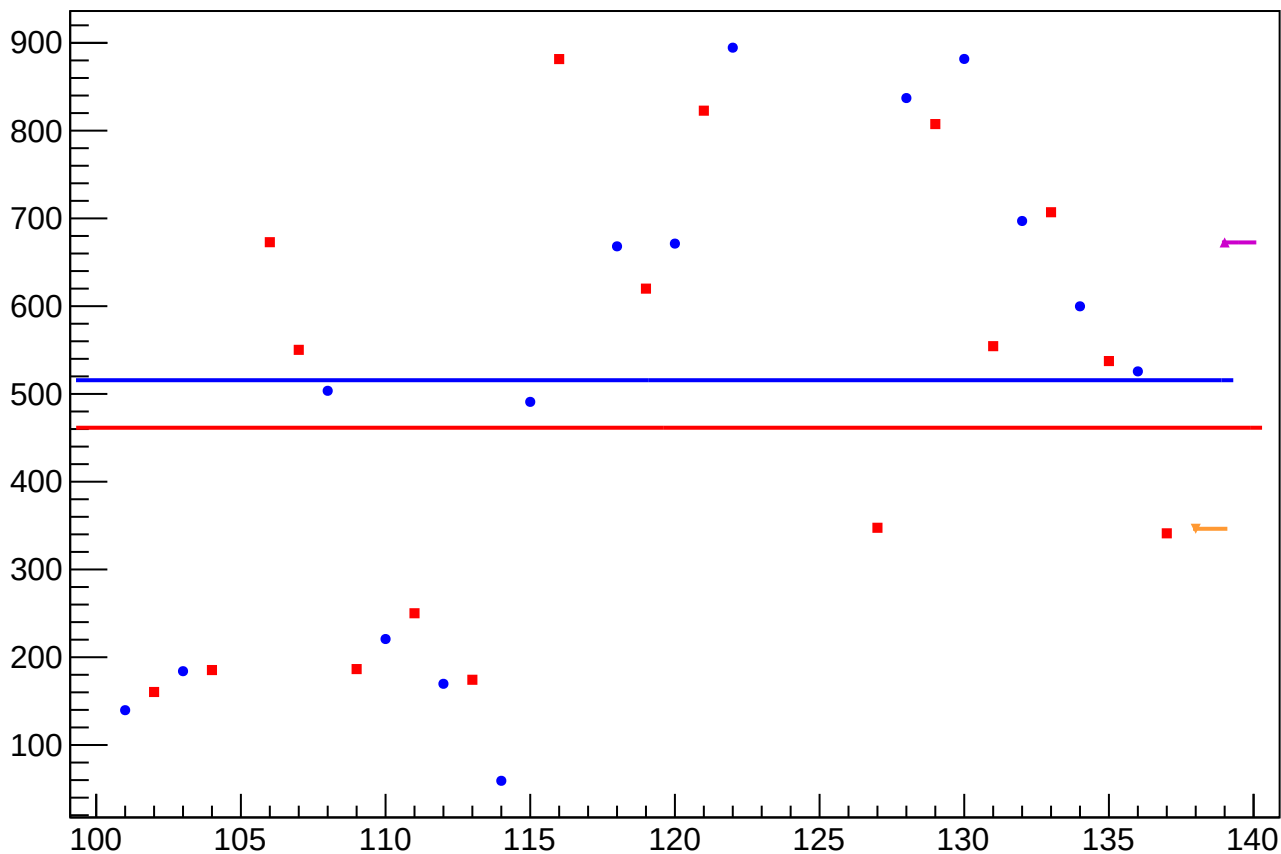
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 346.361+/-0.000 χ^2/NDF : 0.0/0

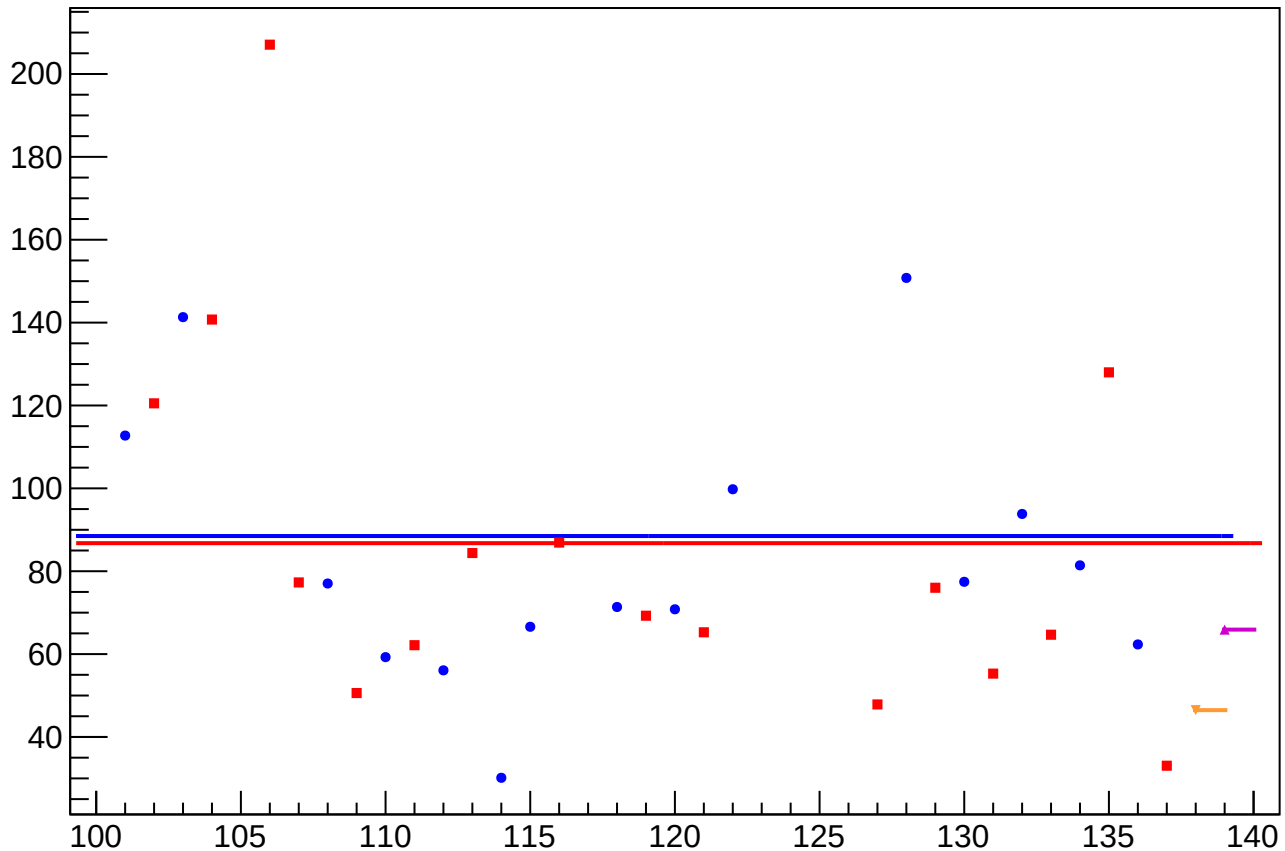
Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

Left In: 672.624+/-0.000 χ^2/NDF : 0.0/0

497.474+/-0.000 χ^2/NDF : 50460618910831962

475.946+/-0.000 χ^2/NDF : 42508429874357390

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 46.472+/-0.000 χ^2/NDF : 3938.0/0

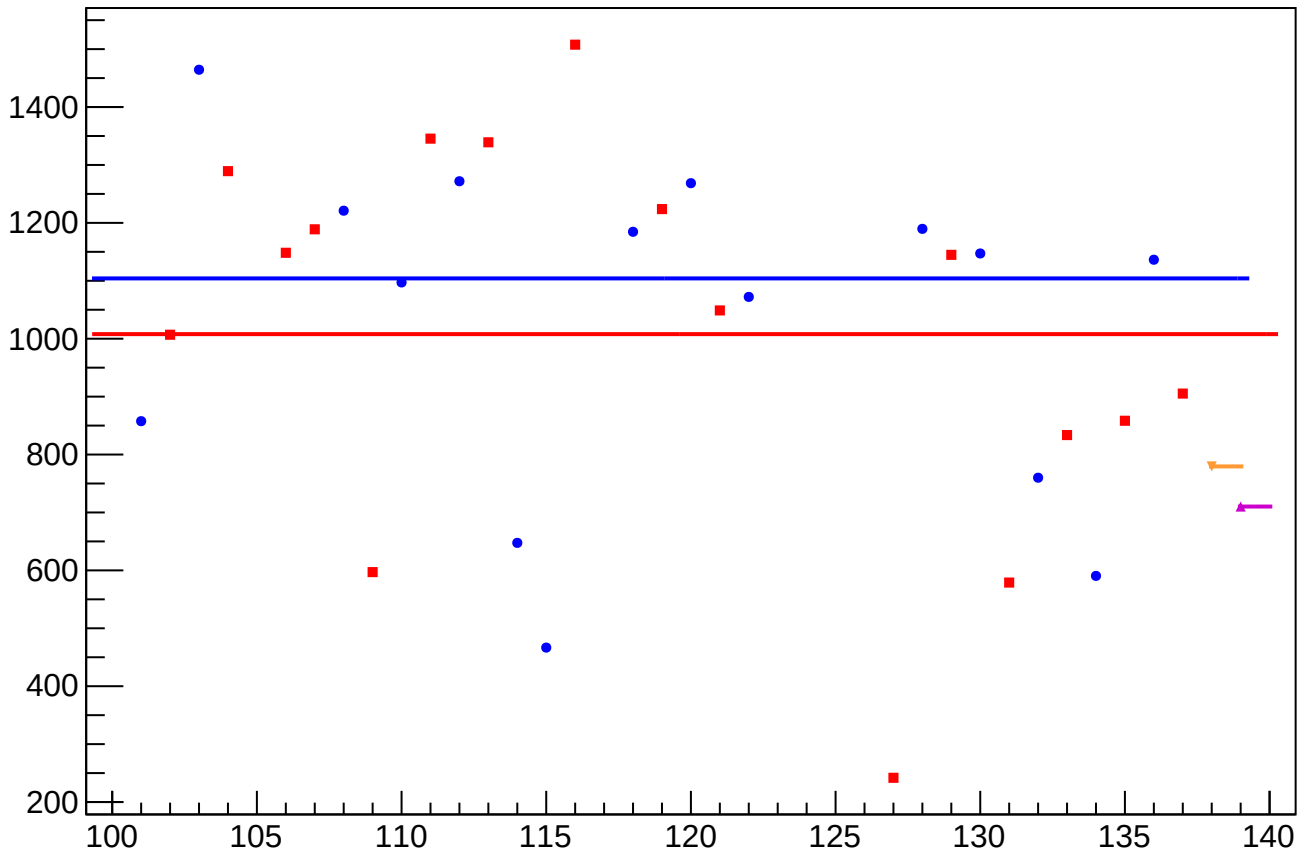
Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

Left In: 65.909+/-0.000 χ^2/NDF : 0.0/0

83.985+/-0.000 χ^2/NDF : 766184193758659189

85.346+/-0.000 χ^2/NDF : 107907822869796260

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

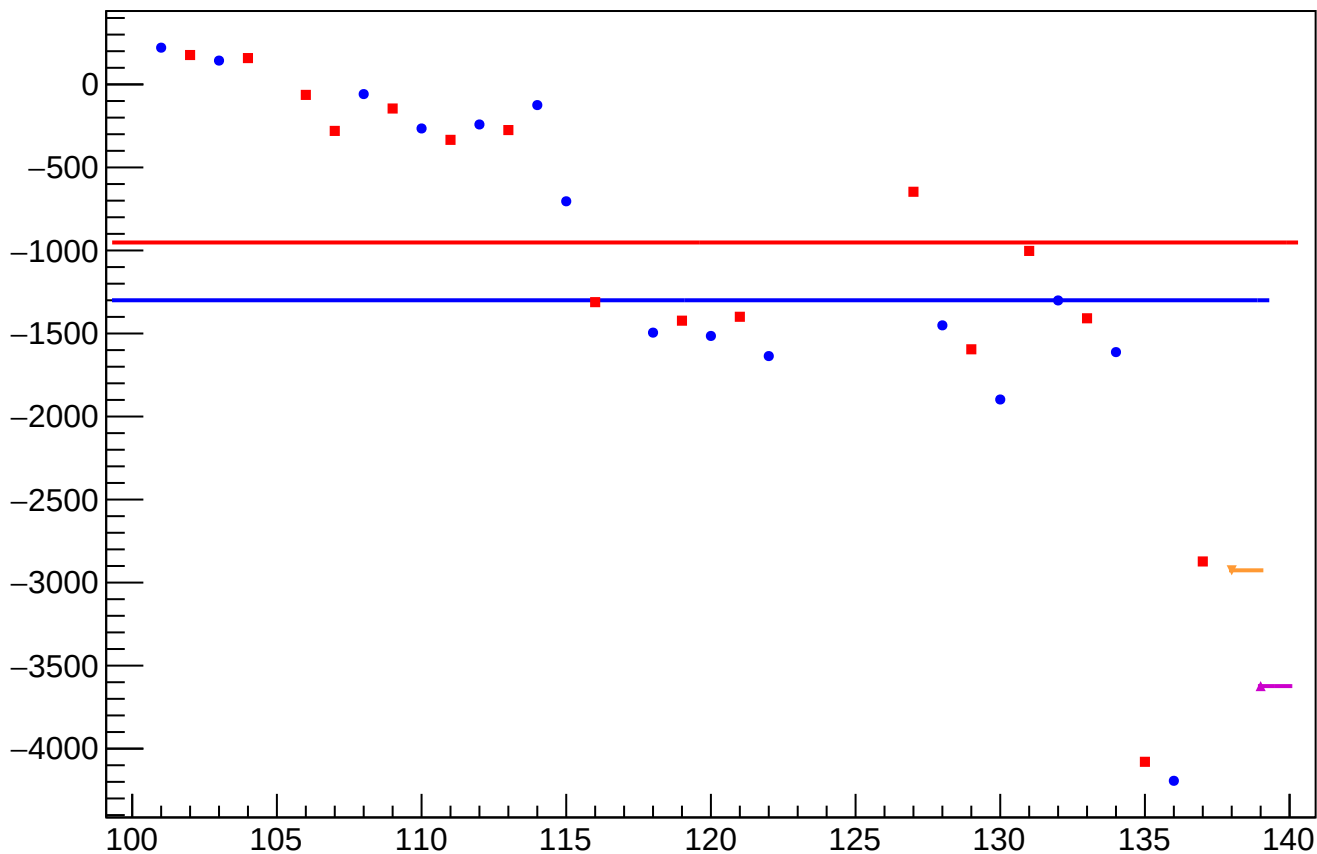
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

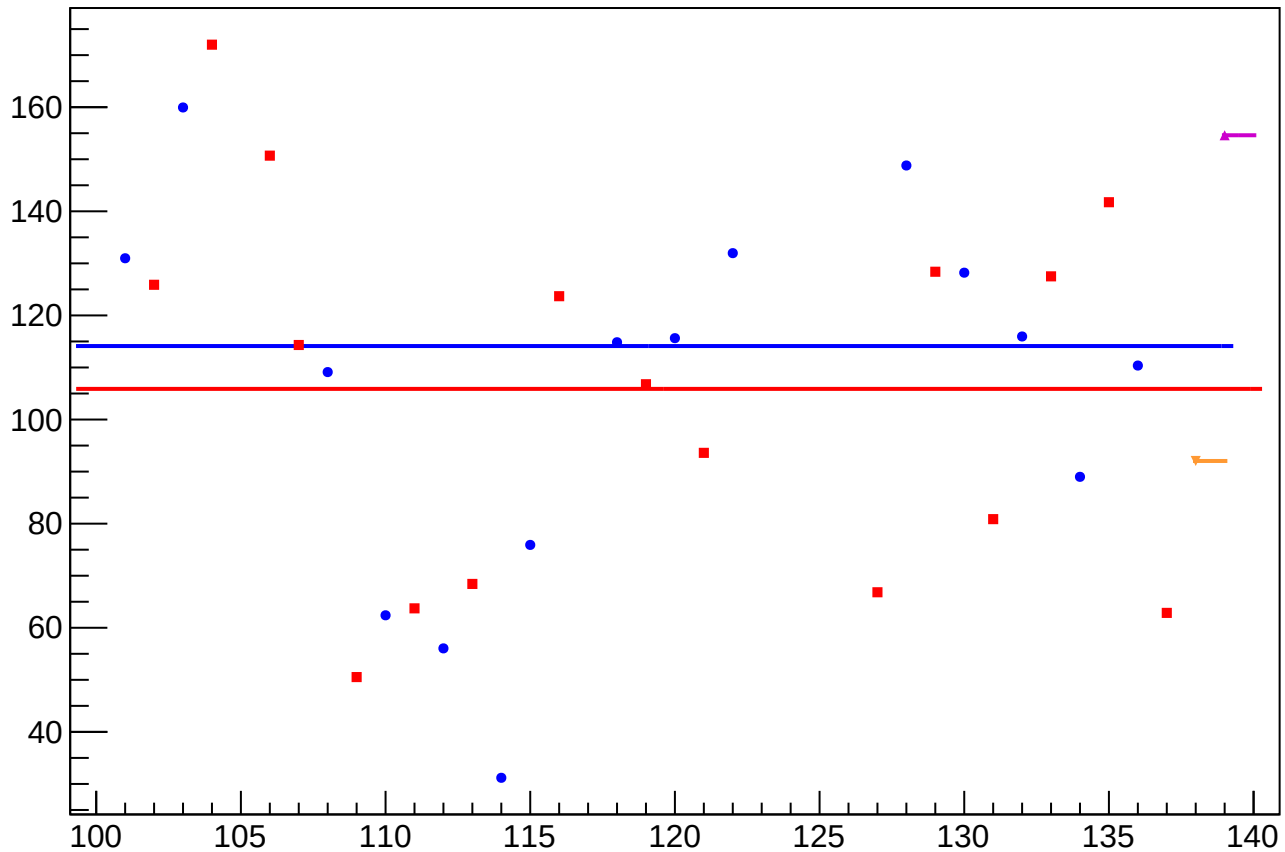
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_sam6_coil3_mean vs Slug



Right In: -1299.904 ± 0.000 χ^2/NDF : 1199649252163216367086408691577524322304.0/14
 Left Out: -2926.096 ± 0.000 χ^2/NDF : 16130021.9/0
 Right Out: -951.903 ± 0.000 χ^2/NDF : 841314696863657044174468284217089327104.0/15
 Left In: -3623.288 ± 0.000 χ^2/NDF : 10132962.5/0

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118 $\pm$ 0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 92.041 $\pm$ 0.000 χ^2/NDF : 0.0/0

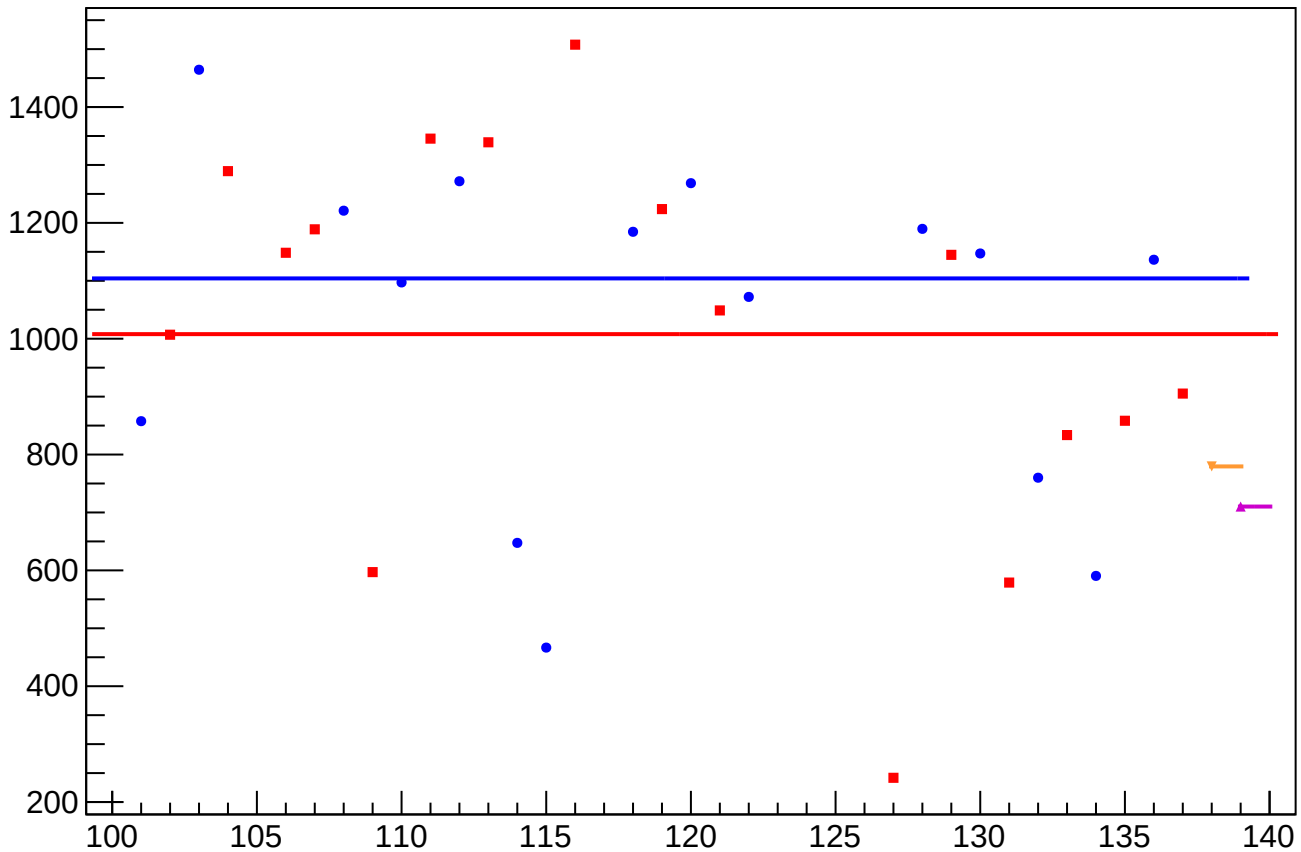
111.749 $\pm$ 0.000 χ^2/NDF : 64116553237344793

Right Out: 105.890 $\pm$ 0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

109.224 $\pm$ 0.000 χ^2/NDF : 96020783372380534

Left In: 154.609 $\pm$ 0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

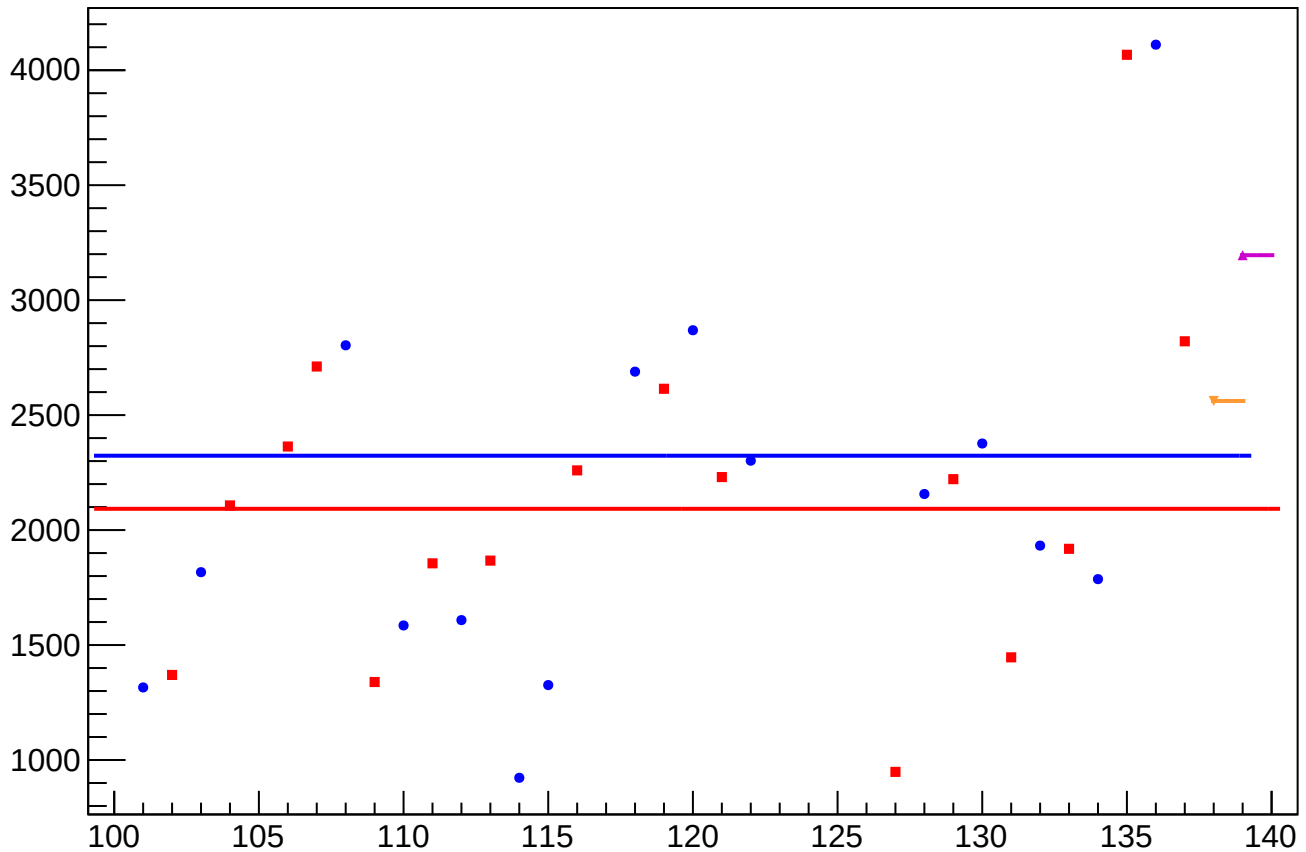
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

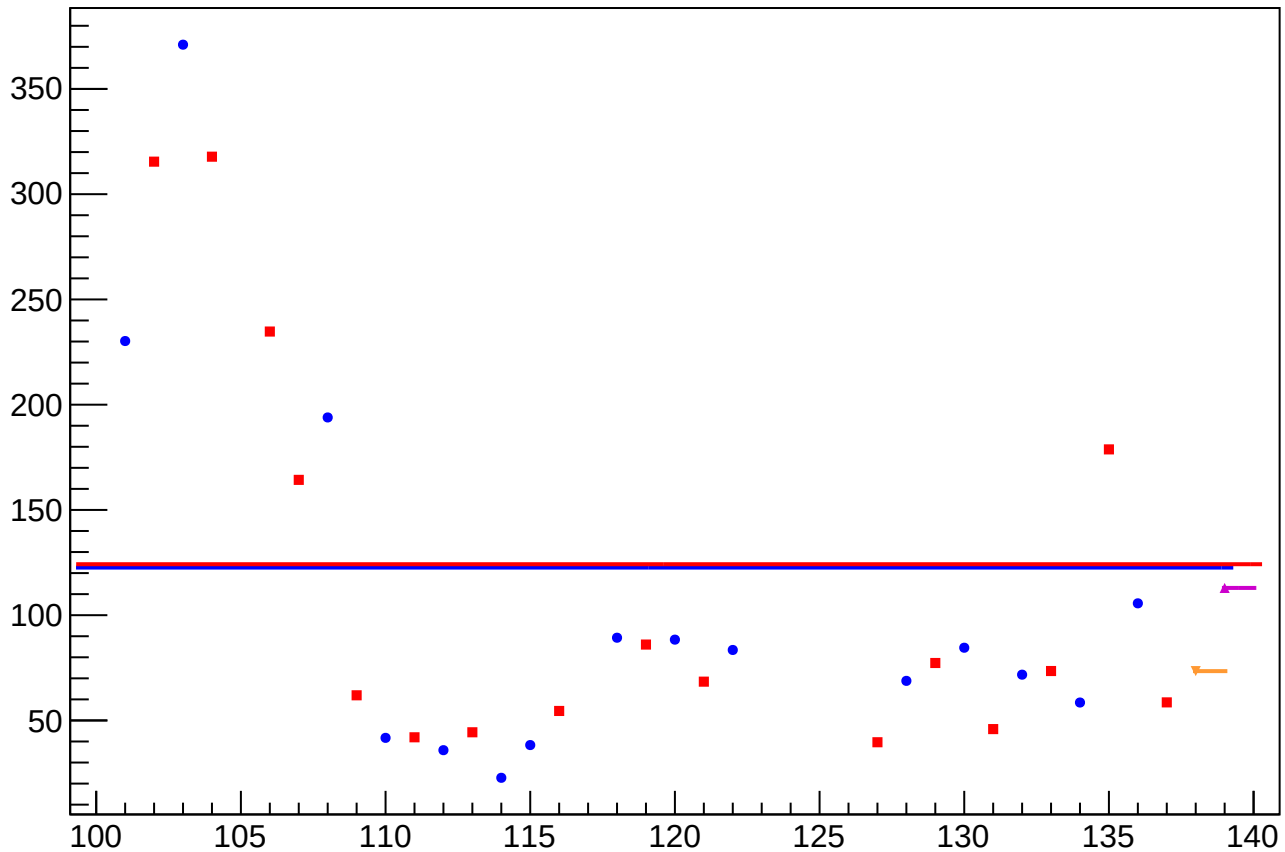
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_sam7_coil3_mean vs Slug



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



Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14

Left Out: 73.431+/-0.000 χ^2/NDF :15752.0/0

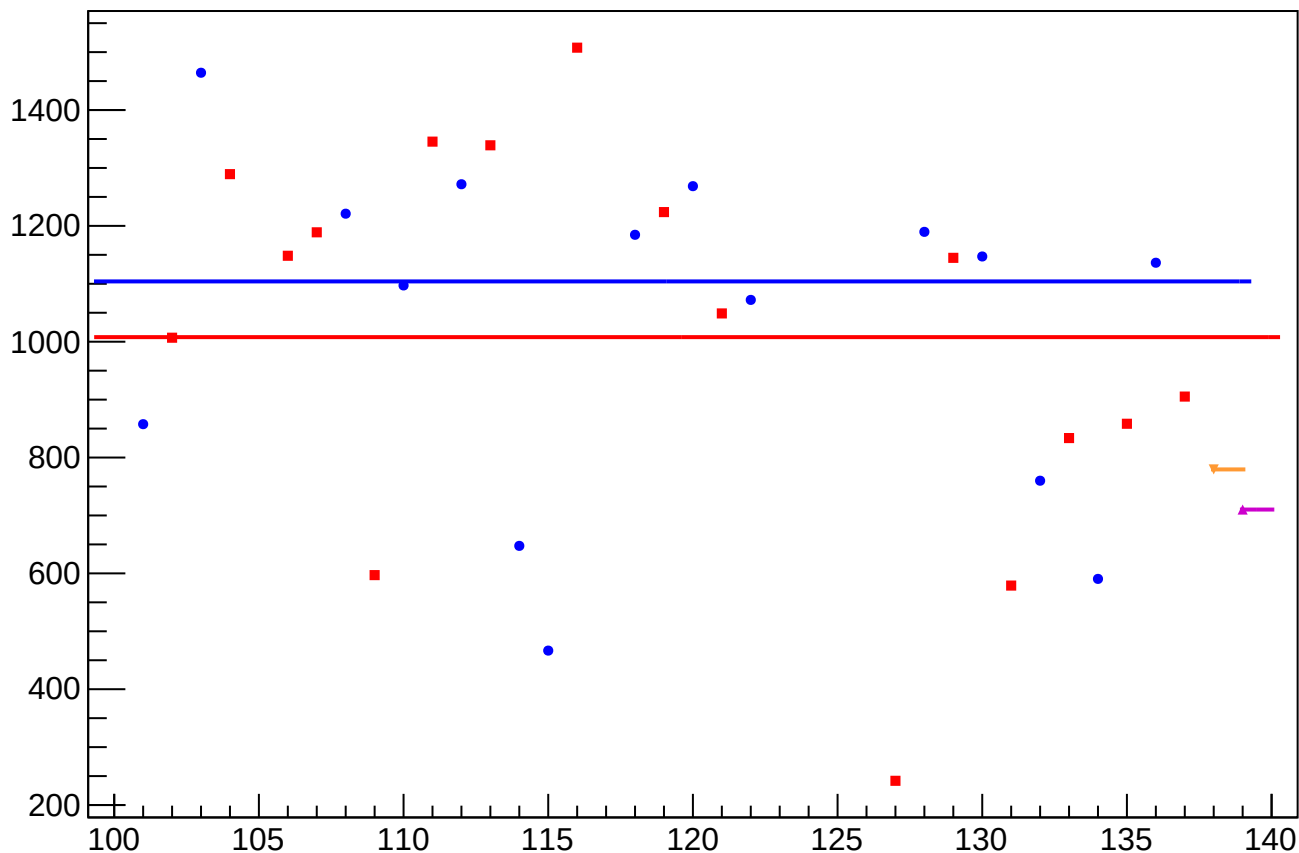
Right Out: 124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15

Left In: 112.951+/-0.000 χ^2/NDF :0.0/0

117.344+/-0.000 χ^2/NDF : 61059953931214670

123.446+/-0.000 χ^2/NDF : 65554206472518940

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

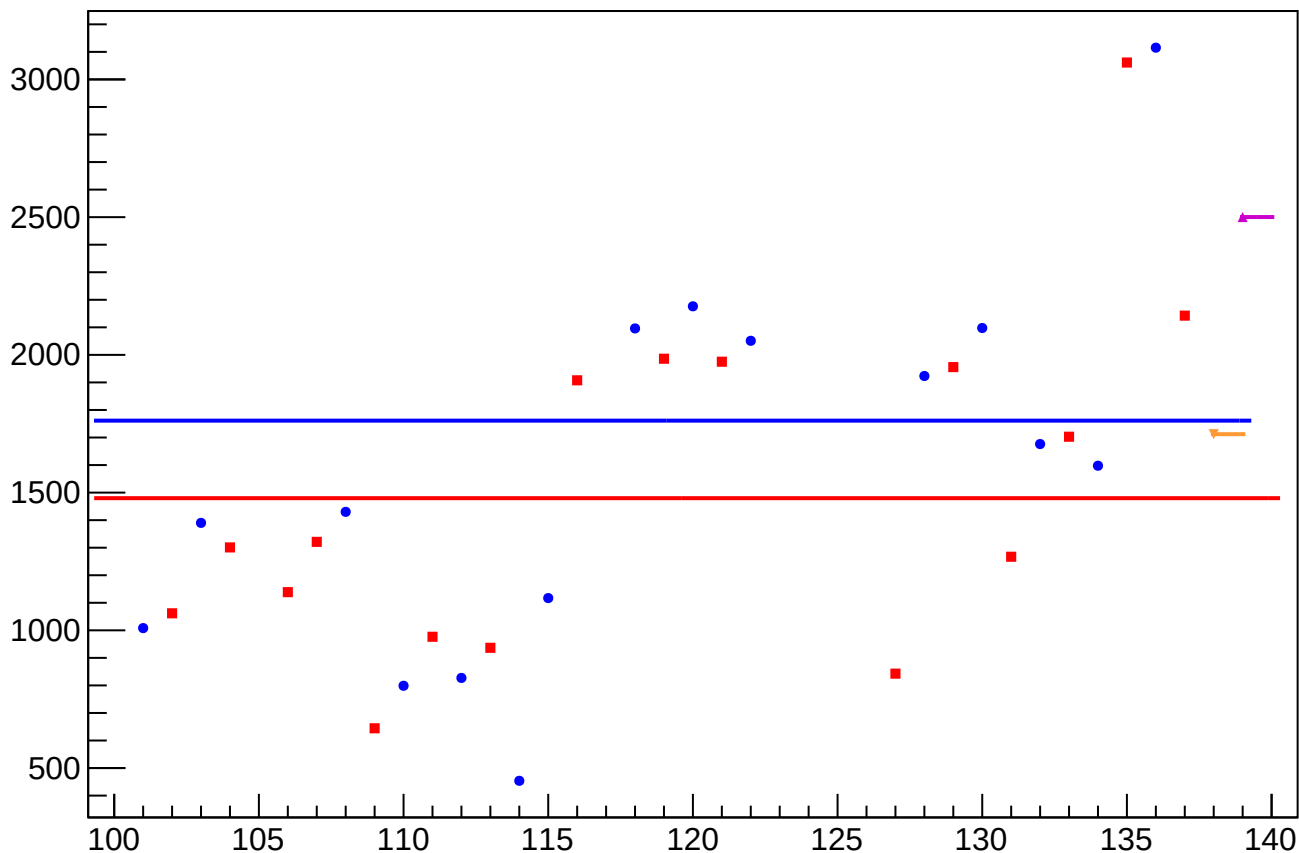
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

987.532+/-0.000 χ^2/NDF : 73123365262388235

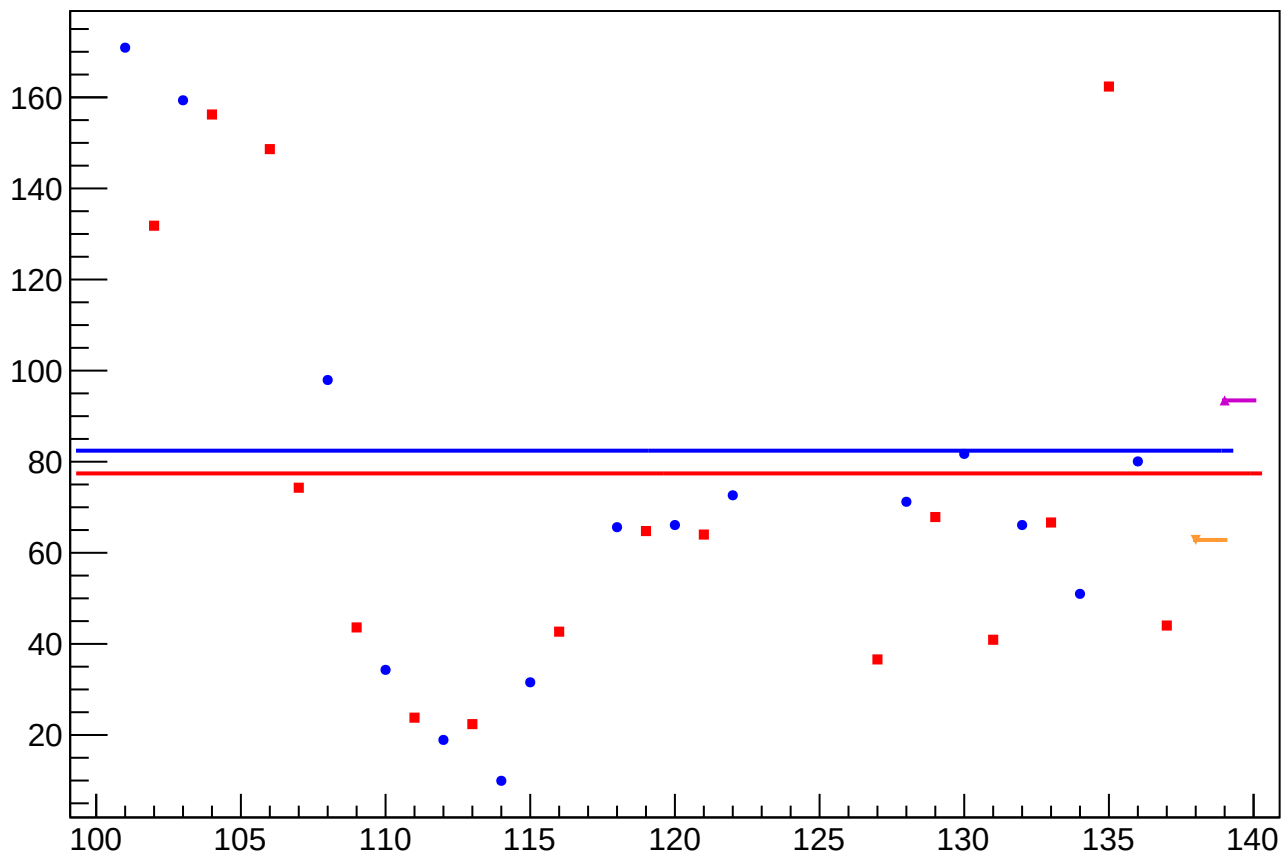
dit_sam8_coil3_mean vs Slug



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

1755.972+/-0.000 χ^2/NDF : 3323751008036594
1549.646+/-0.000 χ^2/NDF : 3110136195984852

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 62.824+/-0.000 χ^2/NDF : 3938.0/0

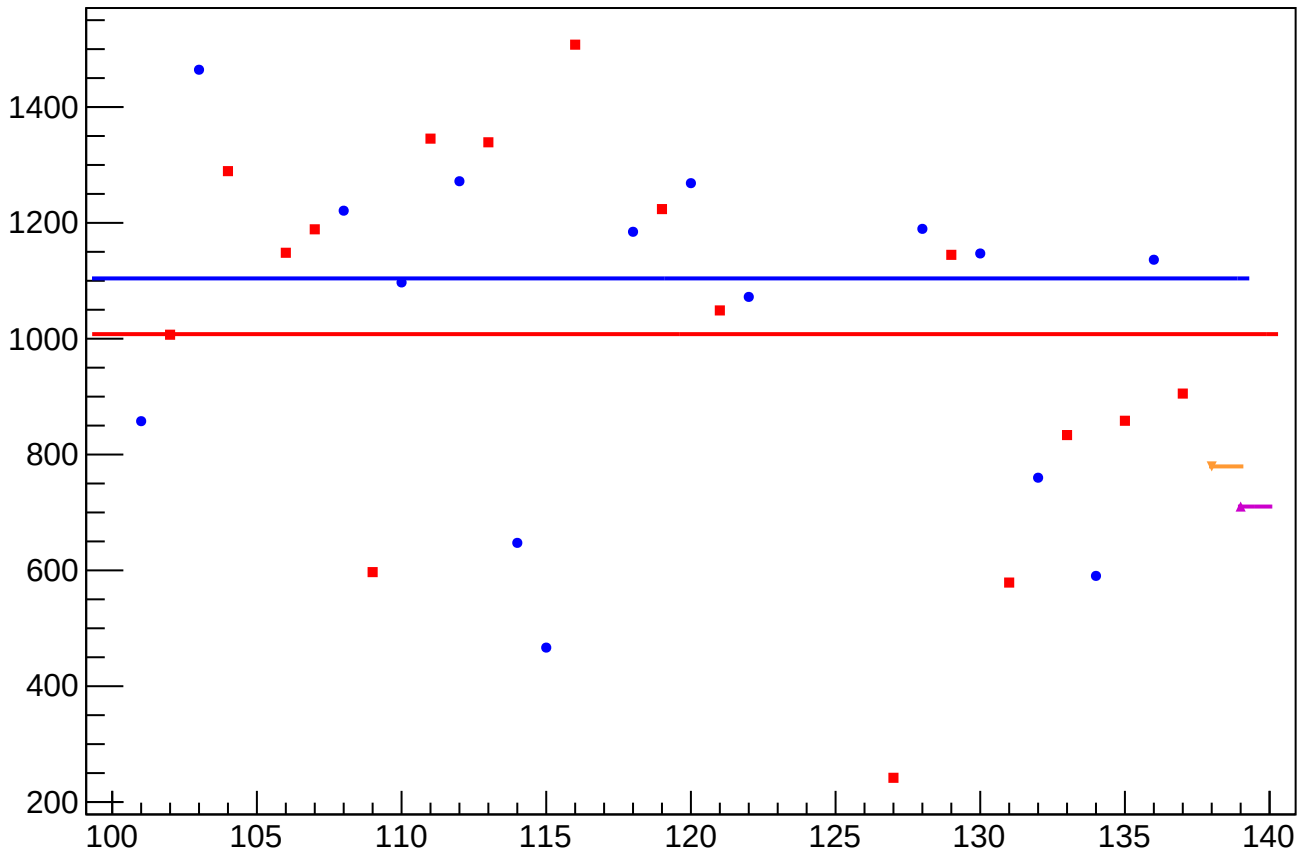
Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

Left In: 93.460+/-0.000 χ^2/NDF : 0.0/0

80.319+/-0.000 χ^2/NDF : 129037775597186953

78.527+/-0.000 χ^2/NDF : 152718533930478623

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

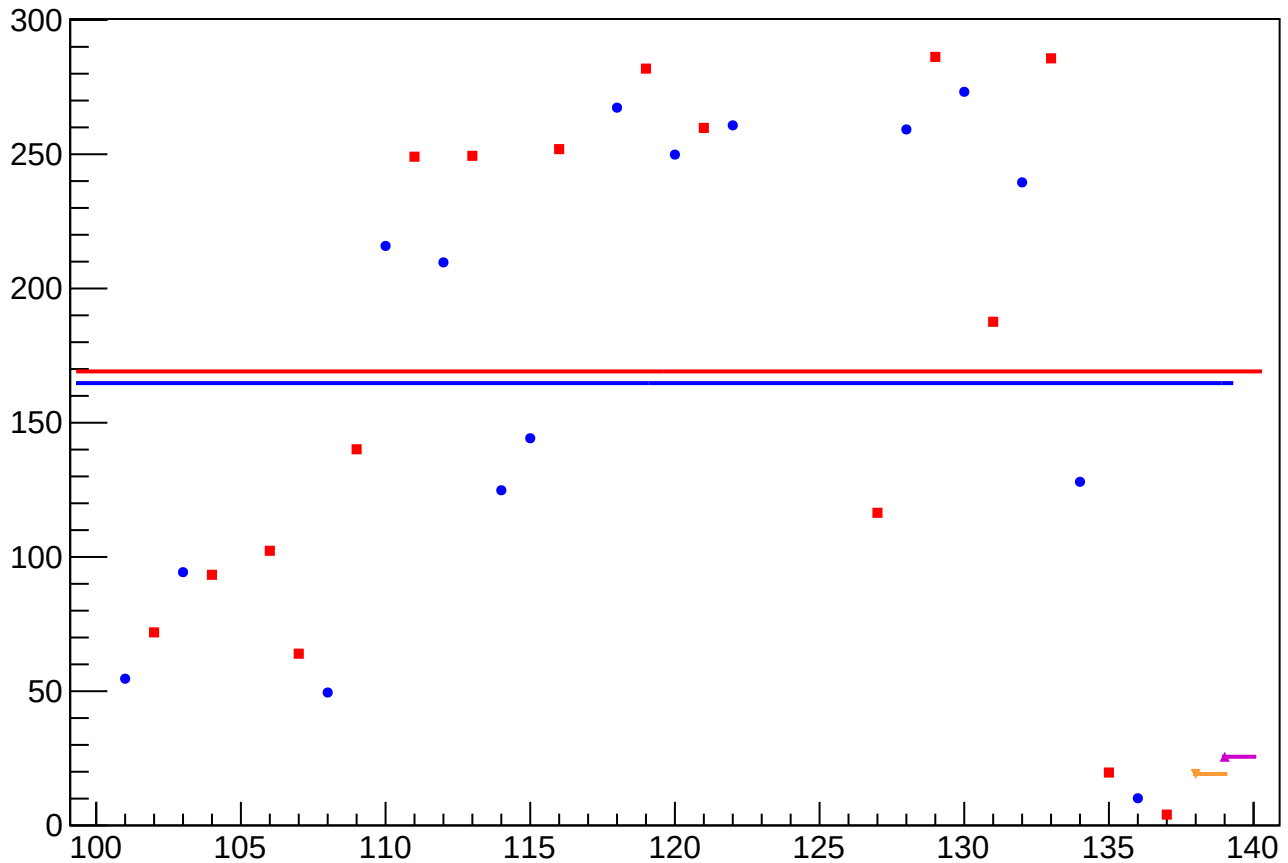
Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 710.204+/-0.000 χ^2/NDF : 0.0/0

1069.282+/-0.000 χ^2/NDF : 4007563528602908

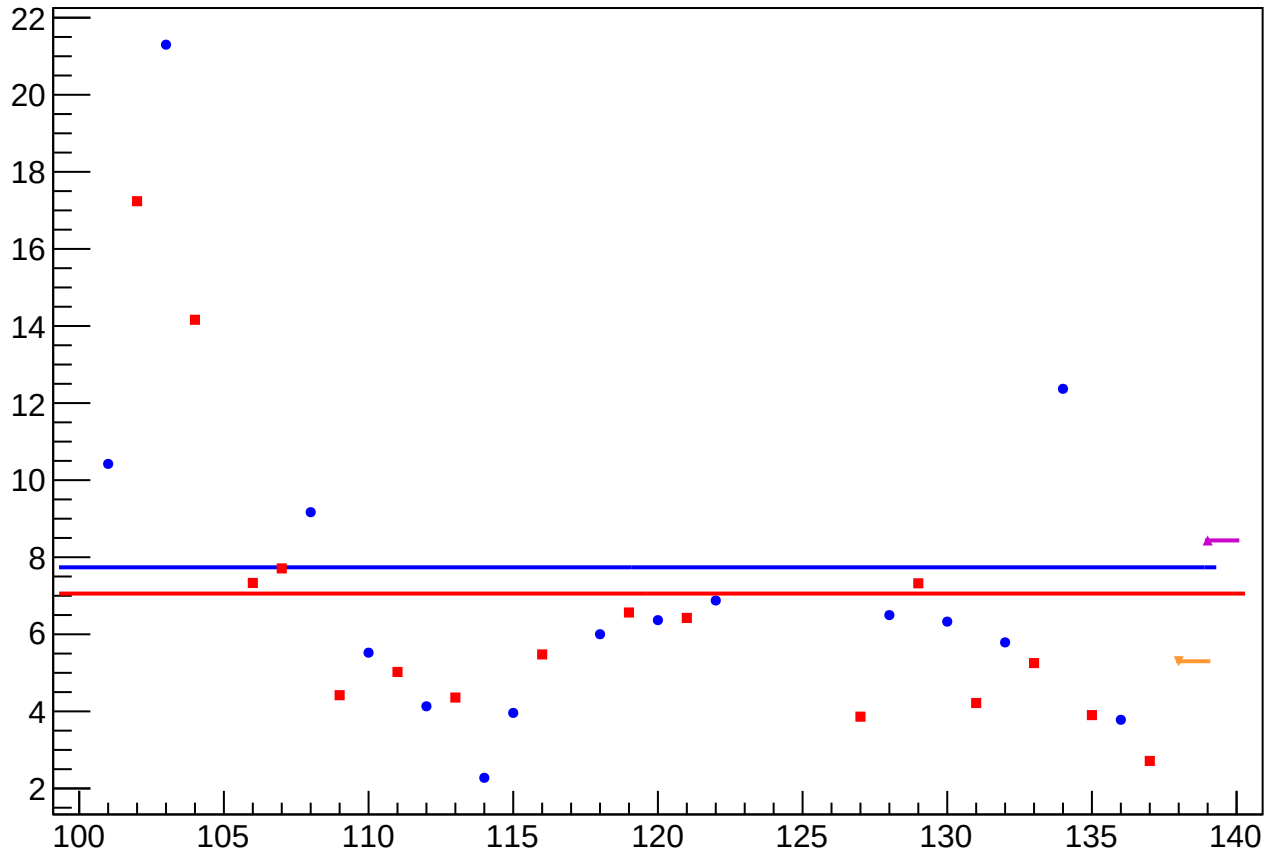
987.532+/-0.000 χ^2/NDF : 73123365262388235

dit_4aX_coil7_mean vs Slug



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

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.301+/-0.000 χ^2/NDF : 0.0/0

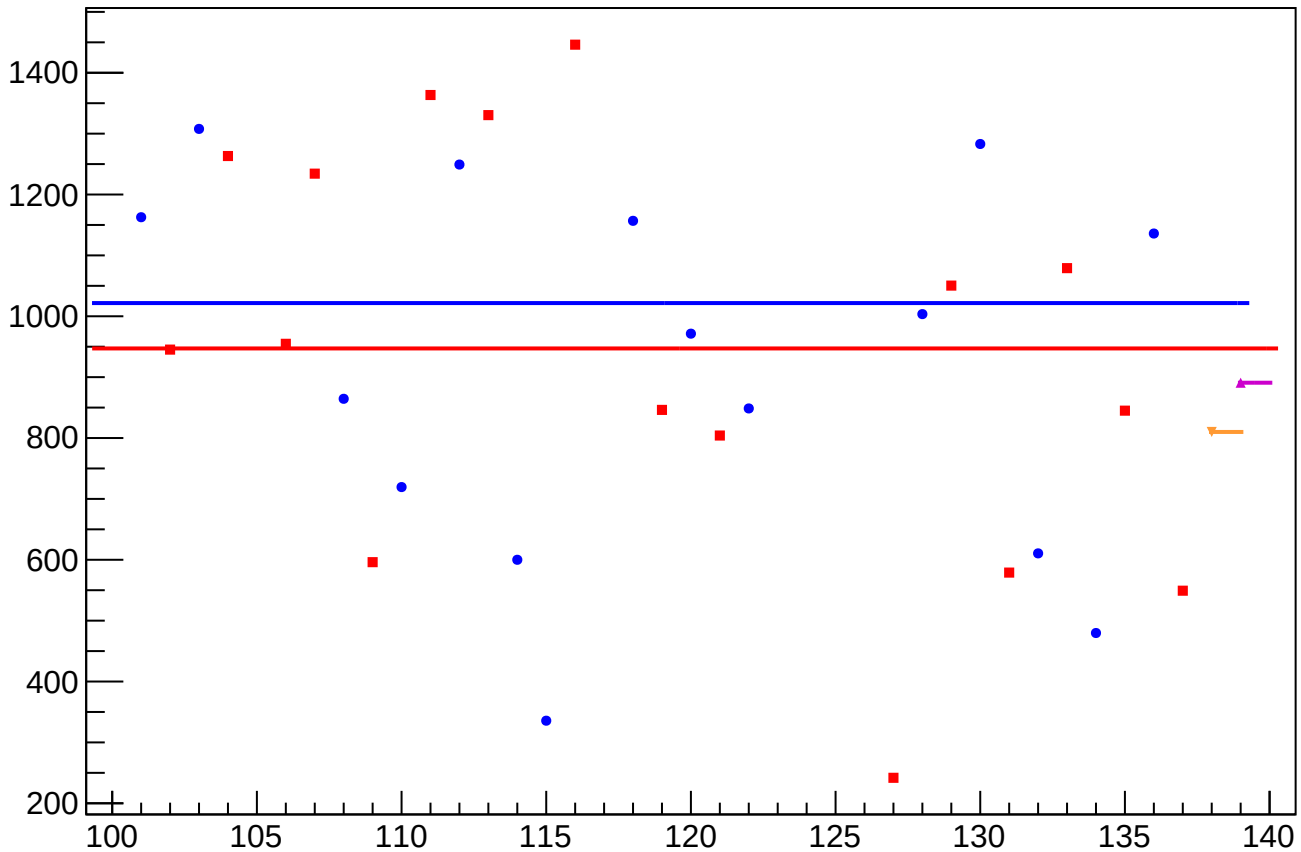
Right Out: 7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

Left In: 8.436+/-0.000 χ^2/NDF : 0.0/0

7.477+/-0.000 χ^2/NDF : 1554095558046576860

7.151+/-0.000 χ^2/NDF : 1137921769697970532

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

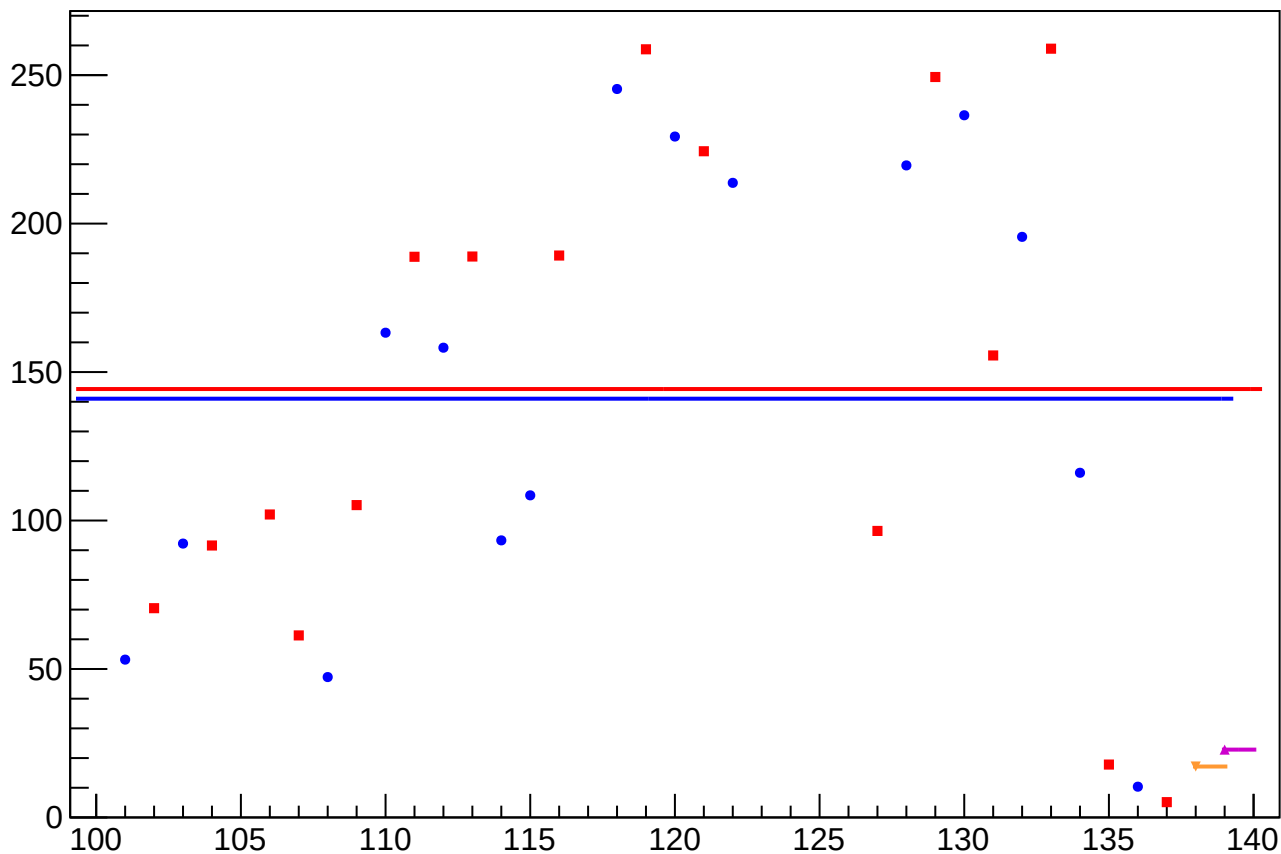
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

Left Out: 17.152+/-0.000 χ^2/NDF : 0.0/0

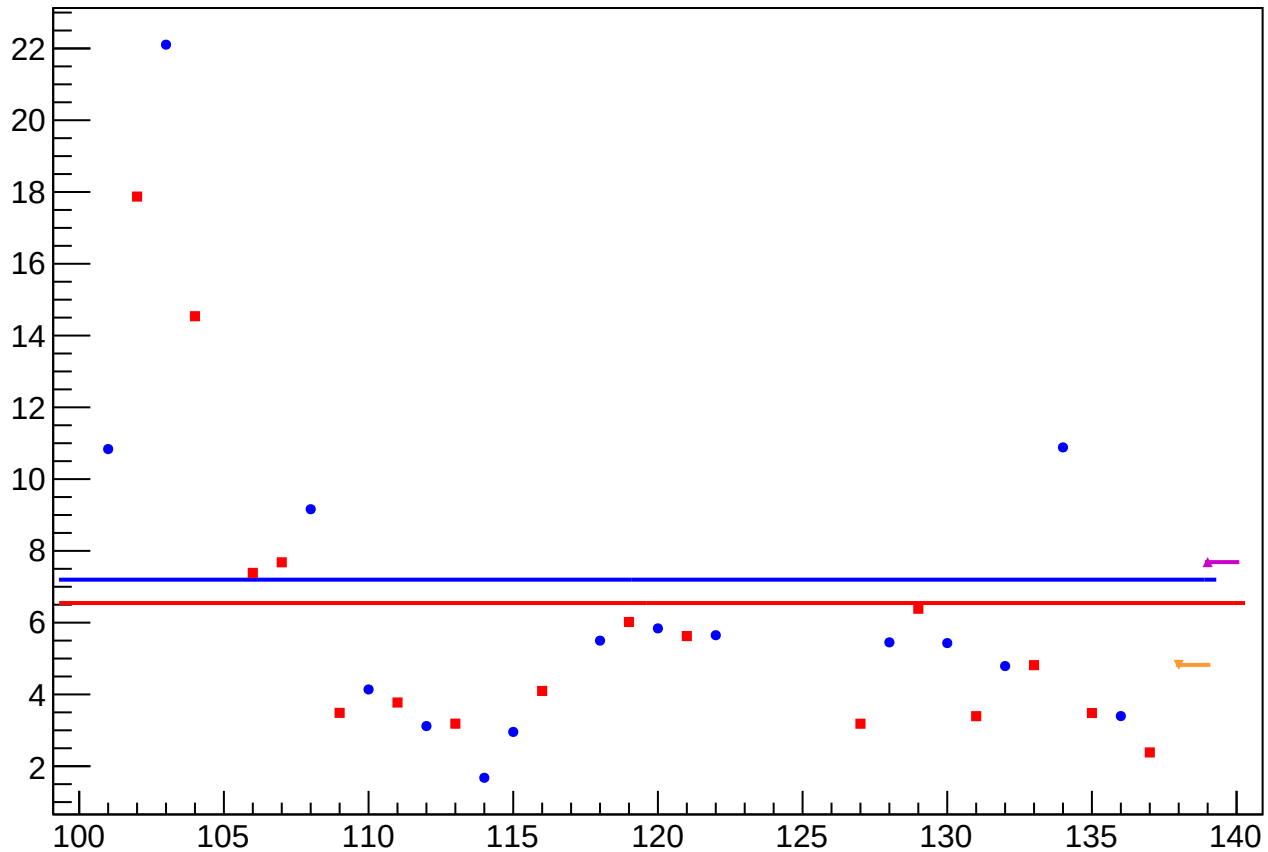
Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 22.848+/-0.000 χ^2/NDF : 0.0/0

127.741+/-0.000 χ^2/NDF : 55765703605340717

135.973+/-0.000 χ^2/NDF : 49414657288174188

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 4.823+/-0.000 χ^2/NDF : 0.0/0

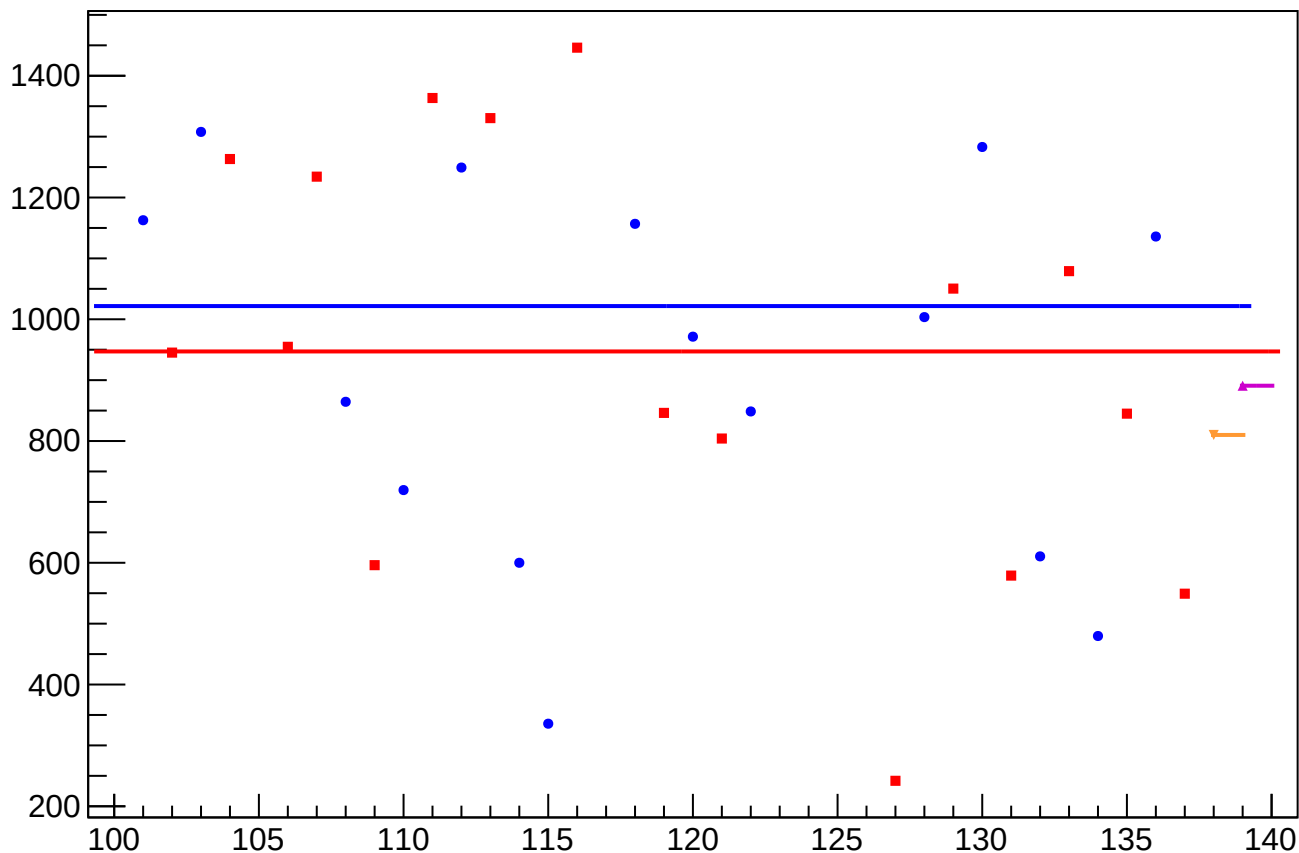
6.943+/-0.000 χ^2/NDF : 1860545869753458887

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

6.625+/-0.000 χ^2/NDF : 1413829901363046535

Left In: 7.687+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

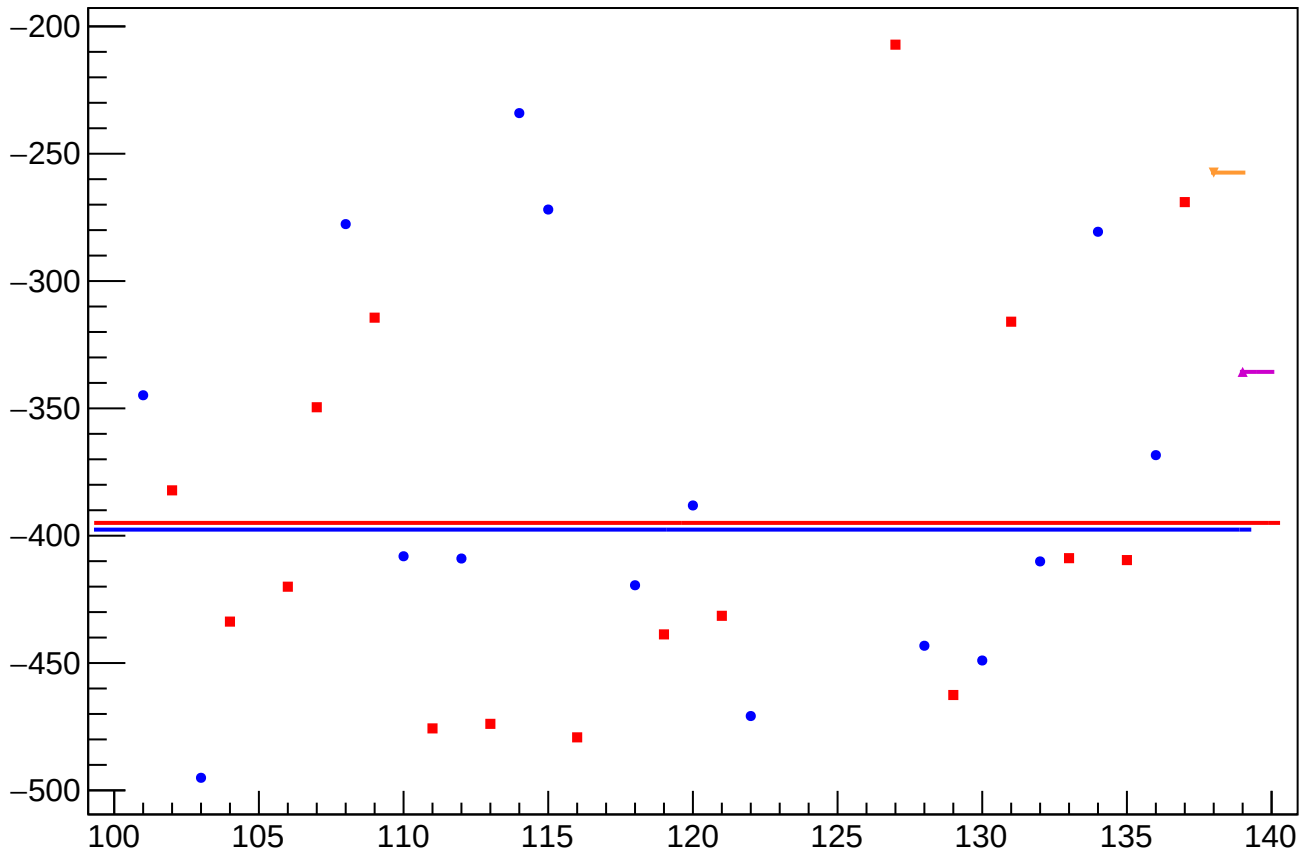
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -257.409+/-0.000 χ^2/NDF : 0.0/0

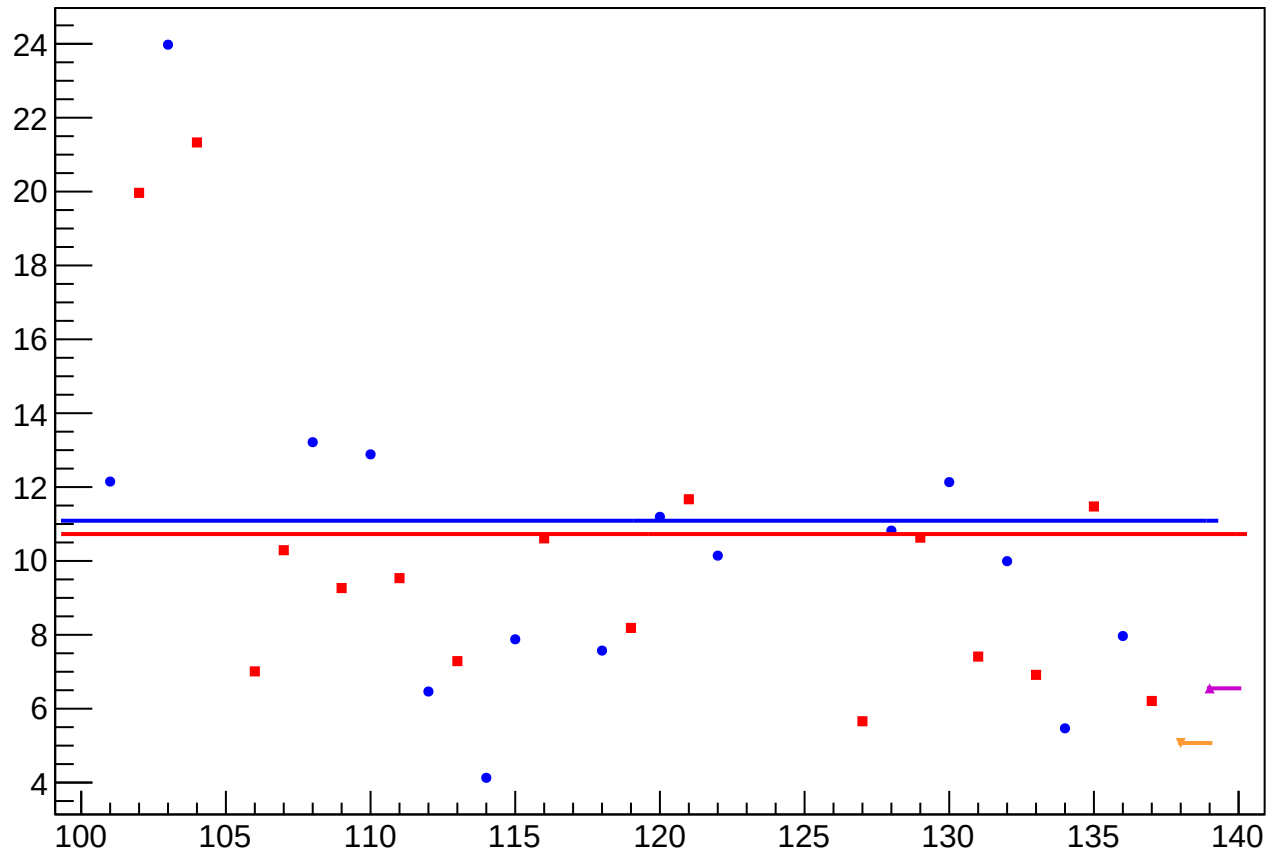
-382.570+/-0.000 χ^2/NDF : 4030042905716872

Right Out: -394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

-390.914+/-0.000 χ^2/NDF : 3846126670883396

Left In: -335.670+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

Left Out: 5.070+/-0.000 χ^2/NDF :61.5/0

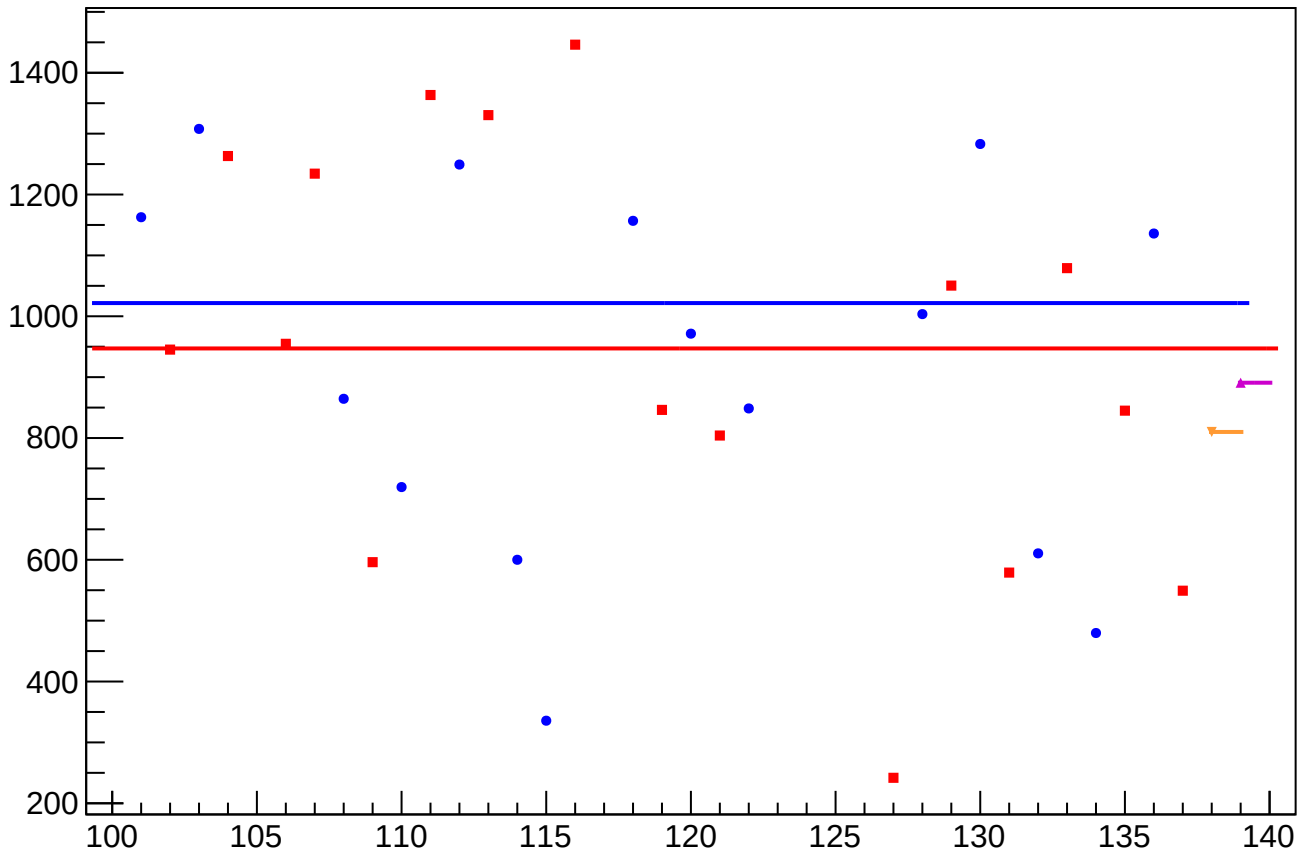
Right Out: 10.728+/-0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

Left In: 6.551+/-0.000 χ^2/NDF :38.7/0

10.443+/-0.000 χ^2/NDF : 167582243412366616

10.442+/-0.000 χ^2/NDF : 155635447094199583

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

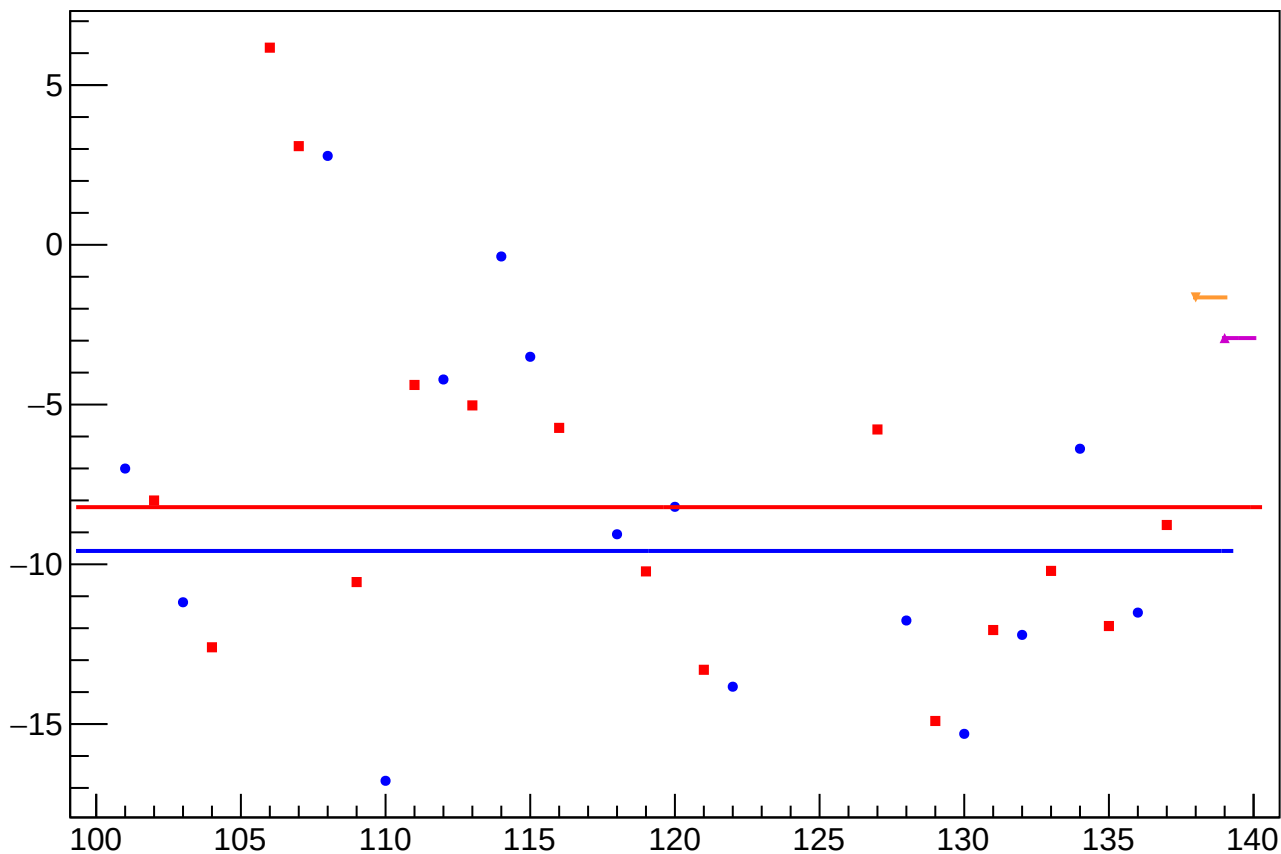
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14

Left Out: -1.646+/-0.000 χ^2/NDF : 0.0/0

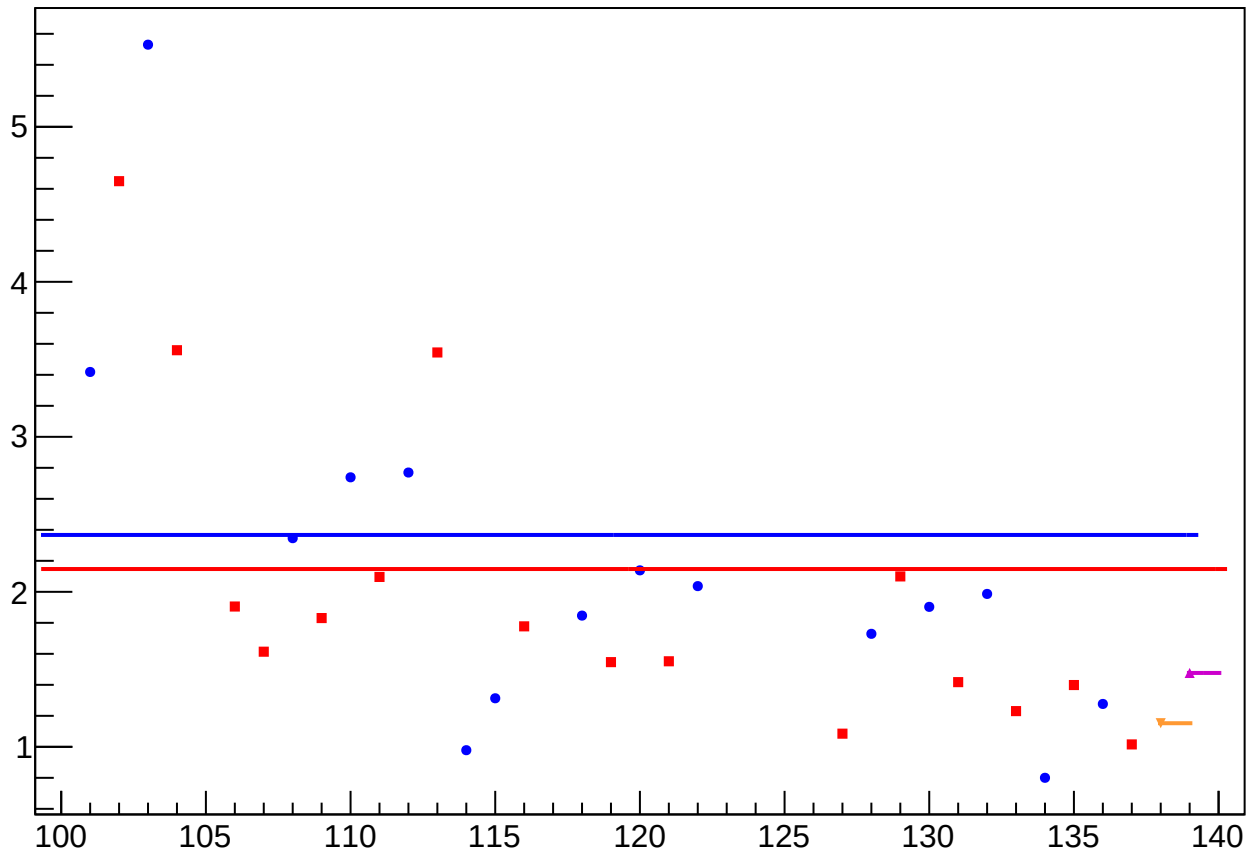
Right Out: -8.211+/-0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15

Left In: -2.919+/-0.000 χ^2/NDF : 0.0/0

-8.731+/-0.000 χ^2/NDF : 190883788551453297

-7.849+/-0.000 χ^2/NDF : 195827568324042263

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.152 $\pm$ 0.000 χ^2 /NDF:0.0/0

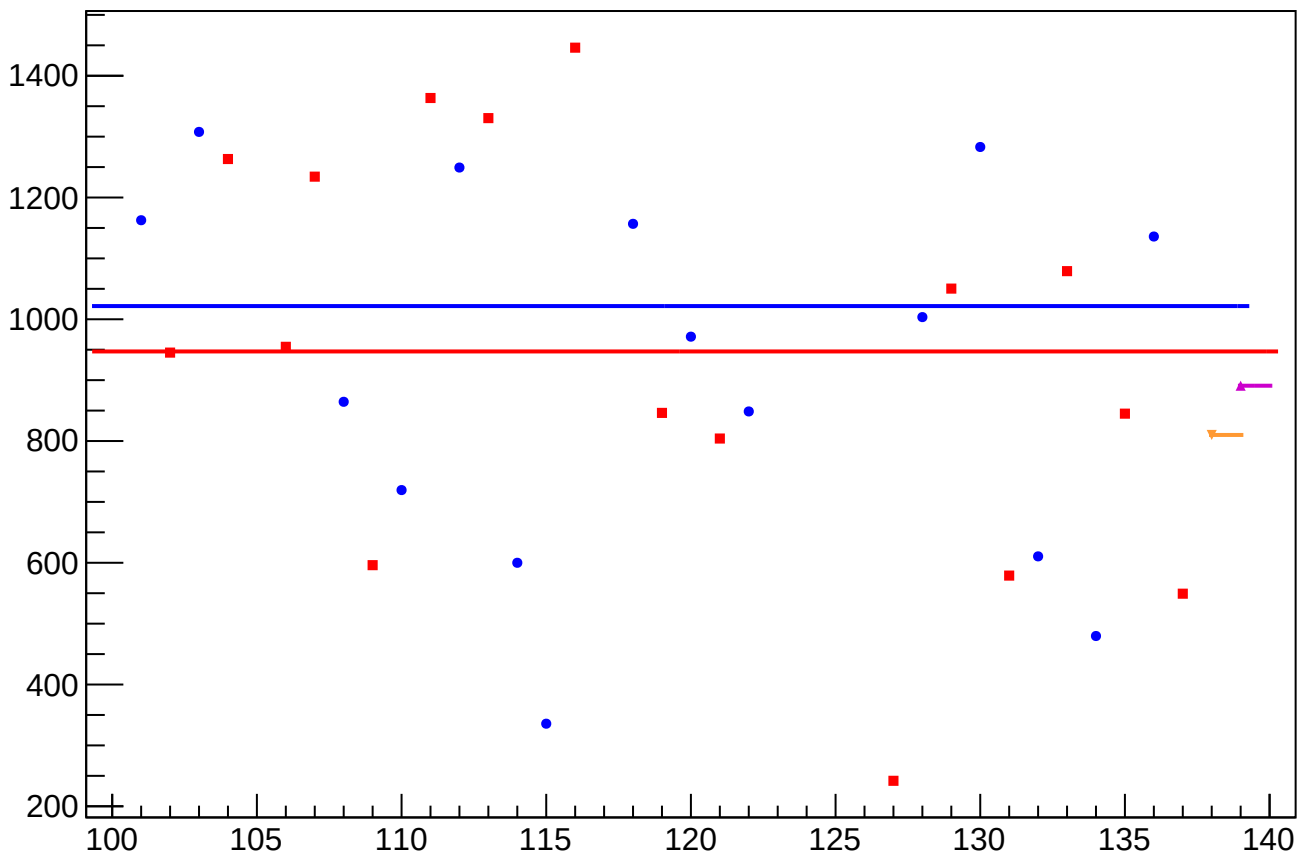
Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

Left In: 1.477 $\pm$ 0.000 χ^2 /NDF:0.0/0

2.237 $\pm$ 0.000 χ^2 /NDF: 1023363418932872054

2.101 $\pm$ 0.000 χ^2 /NDF: 7846913878367133617

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

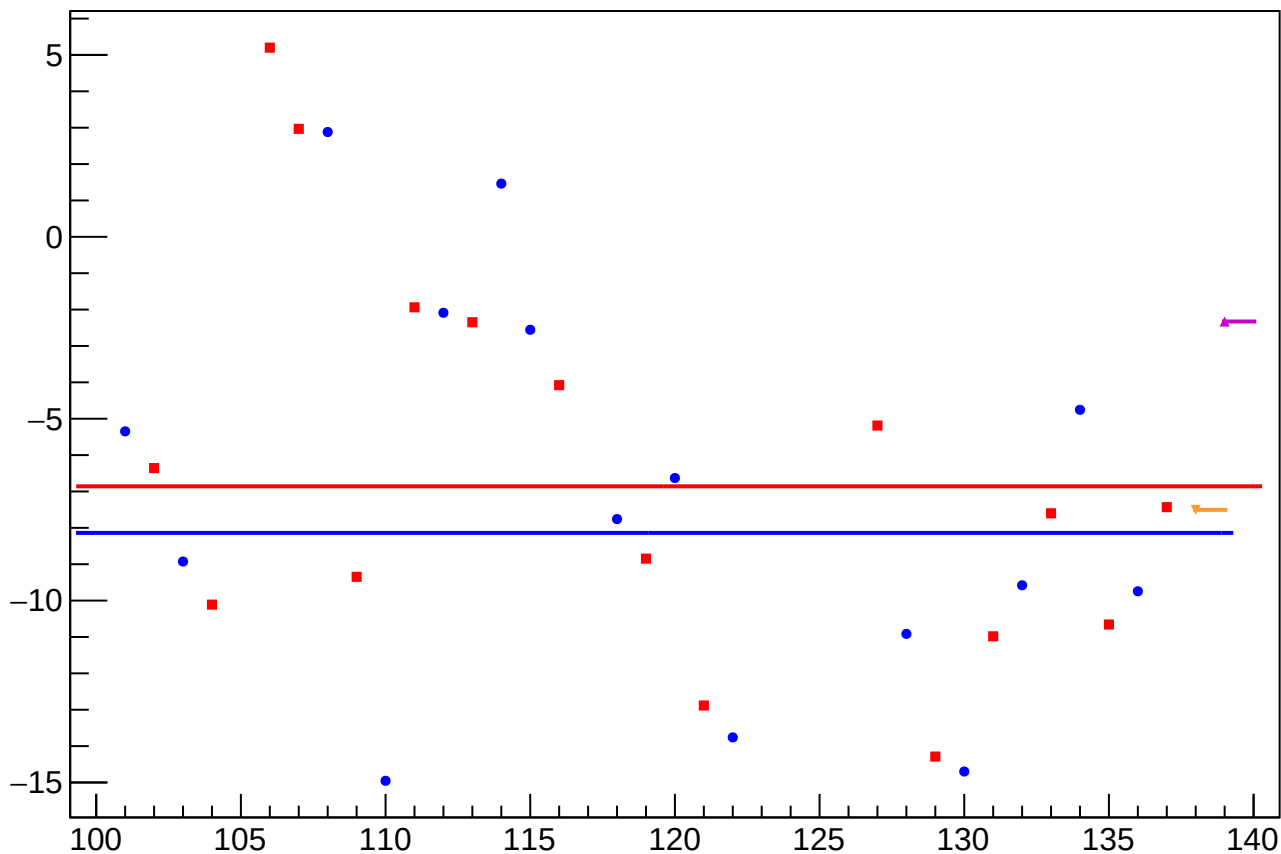
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -7.506+/-0.000 χ^2/NDF : 0.0/0

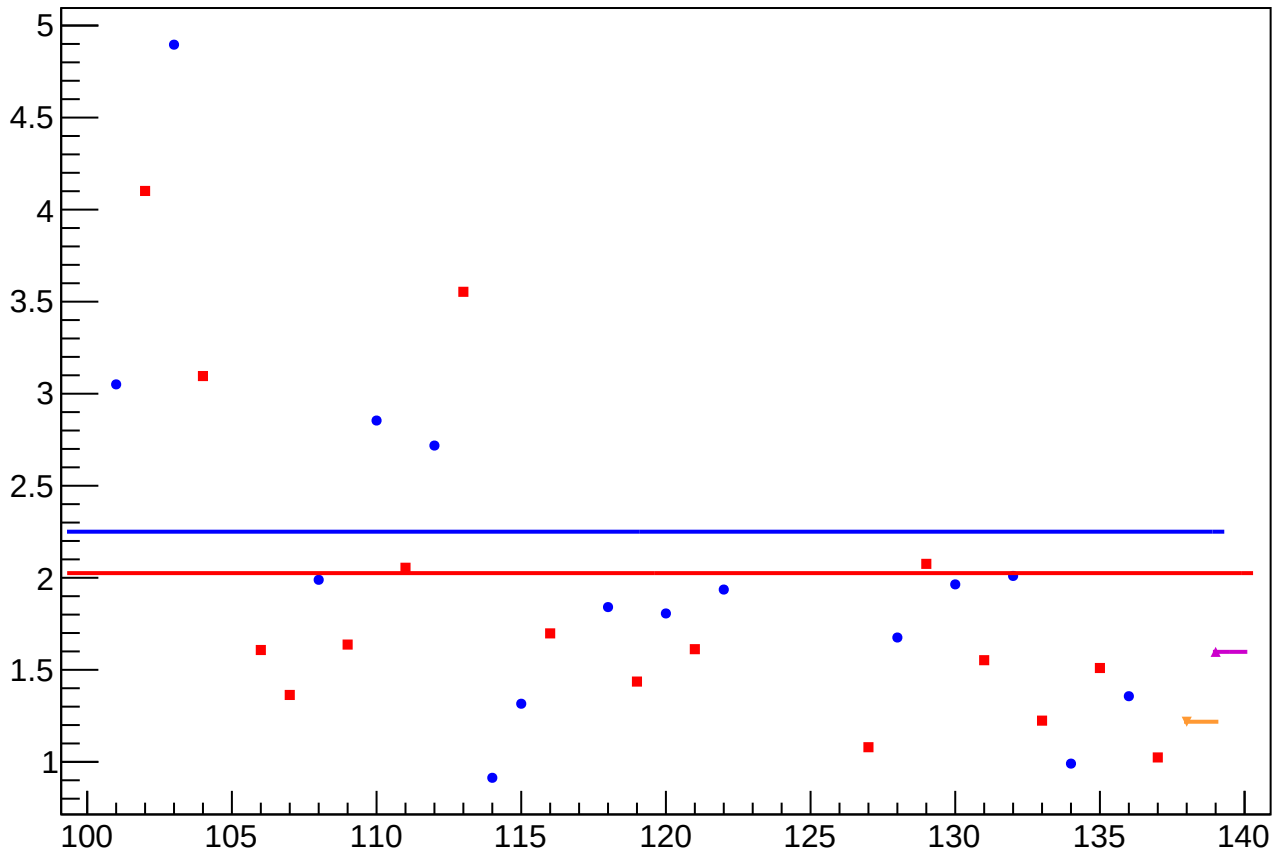
Right Out: -6.859+/-0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

Left In: -2.328+/-0.000 χ^2/NDF : 0.0/0

-8.071+/-0.000 χ^2/NDF : 147043251449035373

-6.549+/-0.000 χ^2/NDF : 174204992339764657

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

Left Out: 1.218+/-0.000 χ^2/NDF : 0.0/0

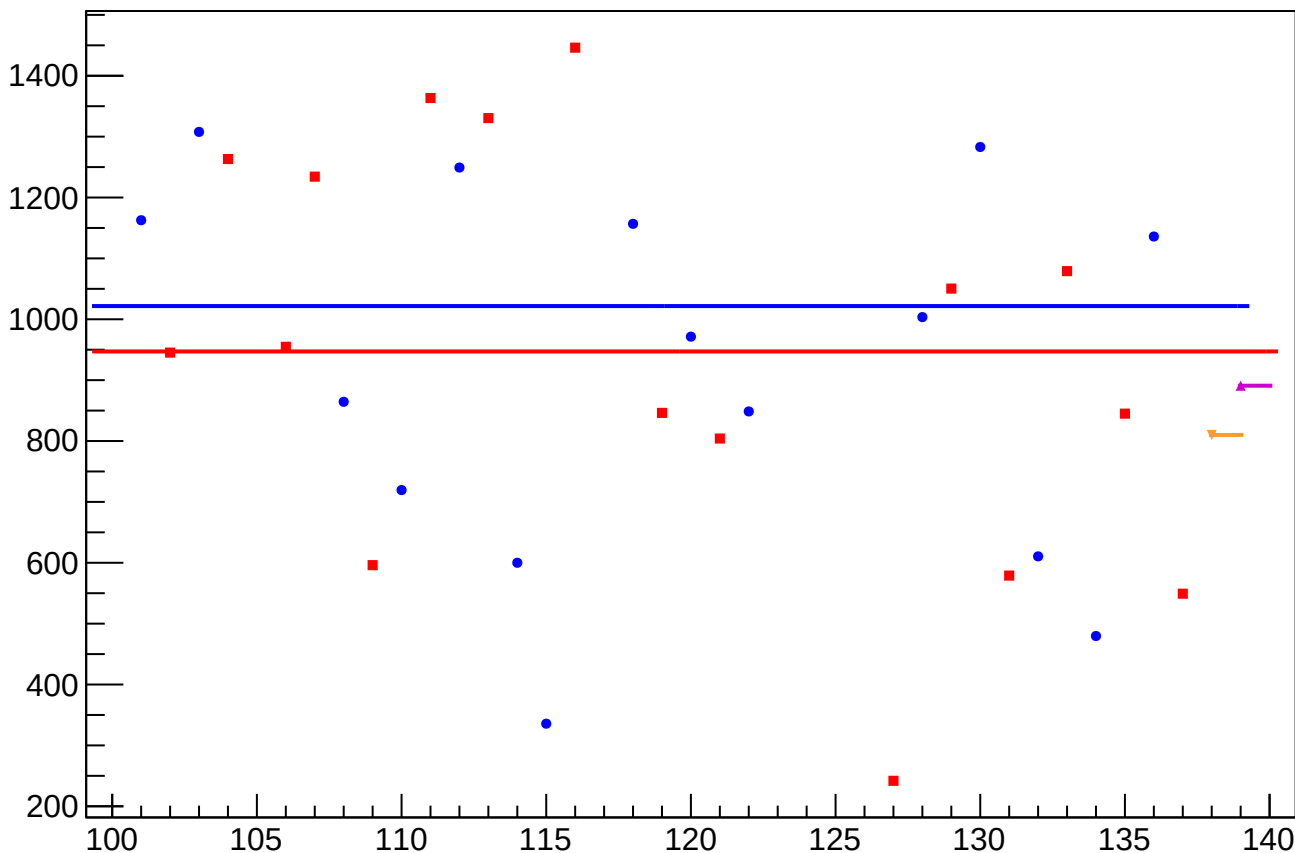
Right Out: 2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15

Left In: 1.598+/-0.000 χ^2/NDF : 0.0/0

2.140+/-0.000 χ^2/NDF : 7309809675163754010

1.996+/-0.000 χ^2/NDF : 5870679624247174895

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

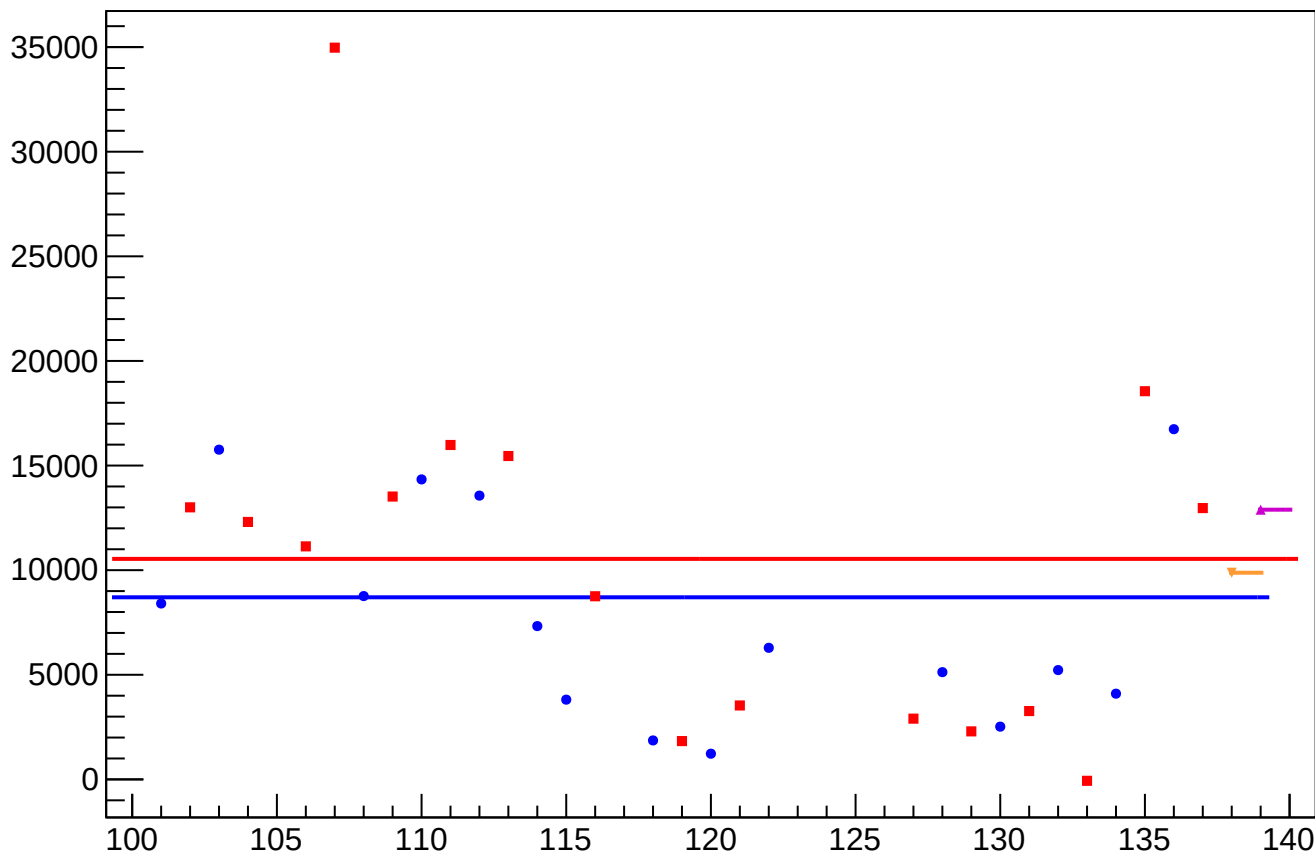
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

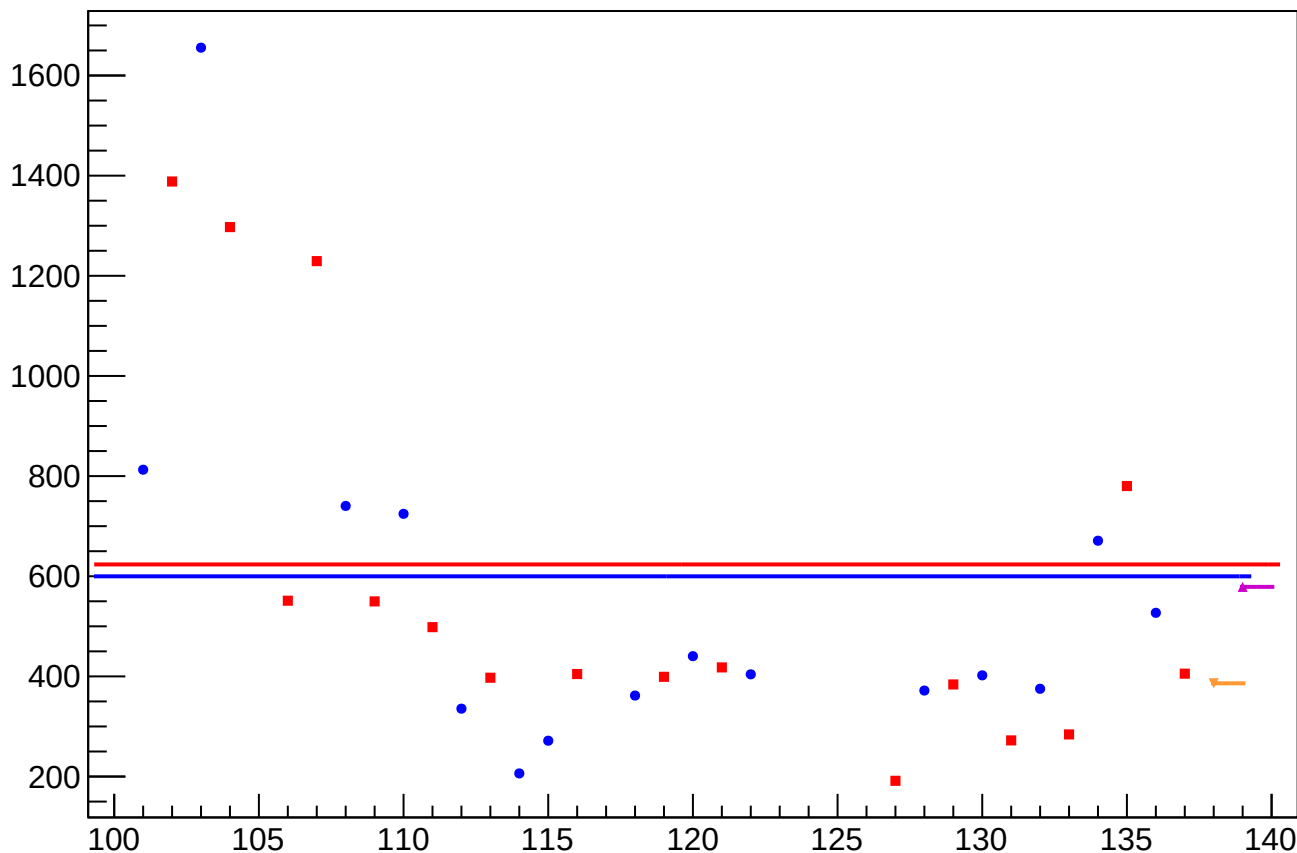
943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_usl_coil7_mean vs Slug



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



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 386.179+/-0.000 χ^2/NDF : 0.0/0

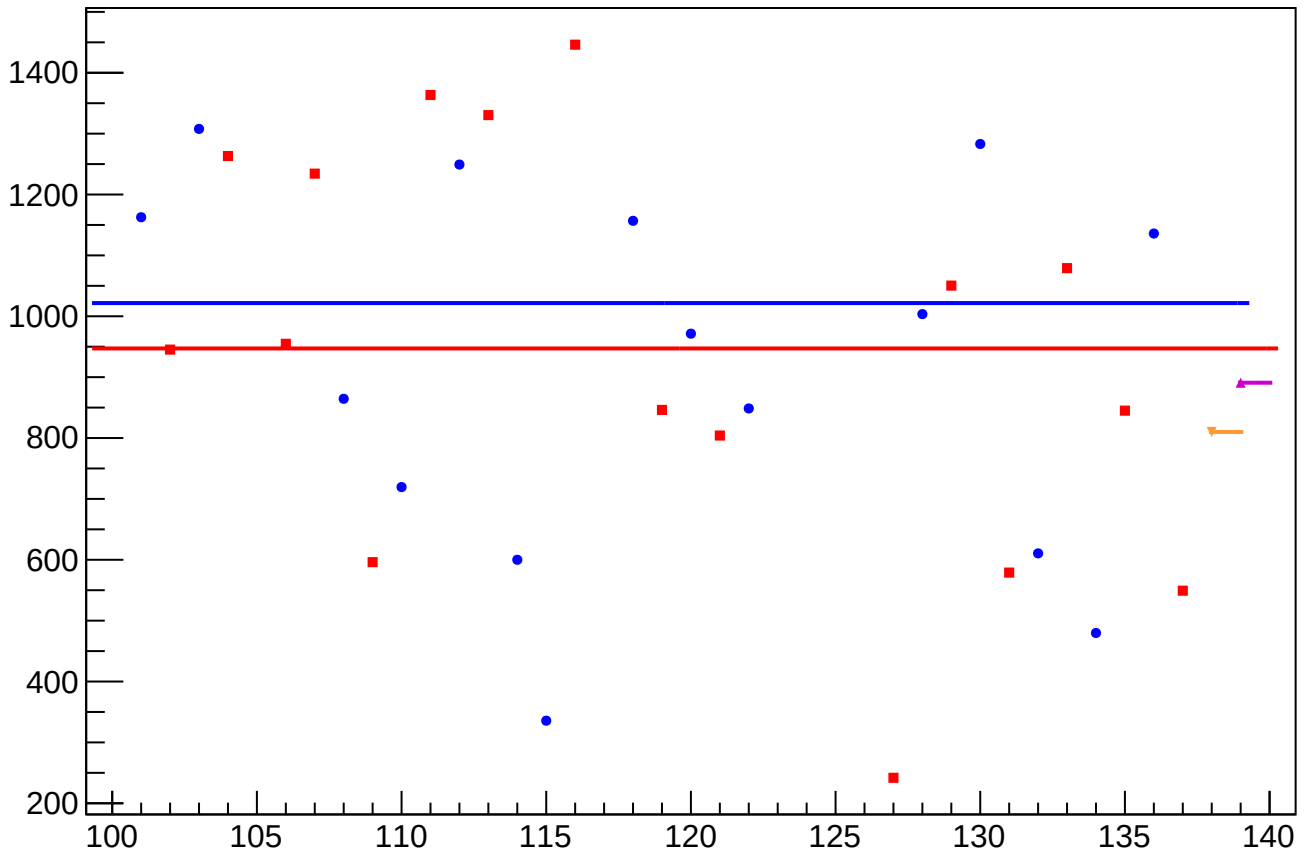
Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

Left In: 578.778+/-0.000 χ^2/NDF : 0.0/0

576.925+/-0.000 χ^2/NDF : 92437983638868674

620.504+/-0.000 χ^2/NDF : 10154042219822159

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

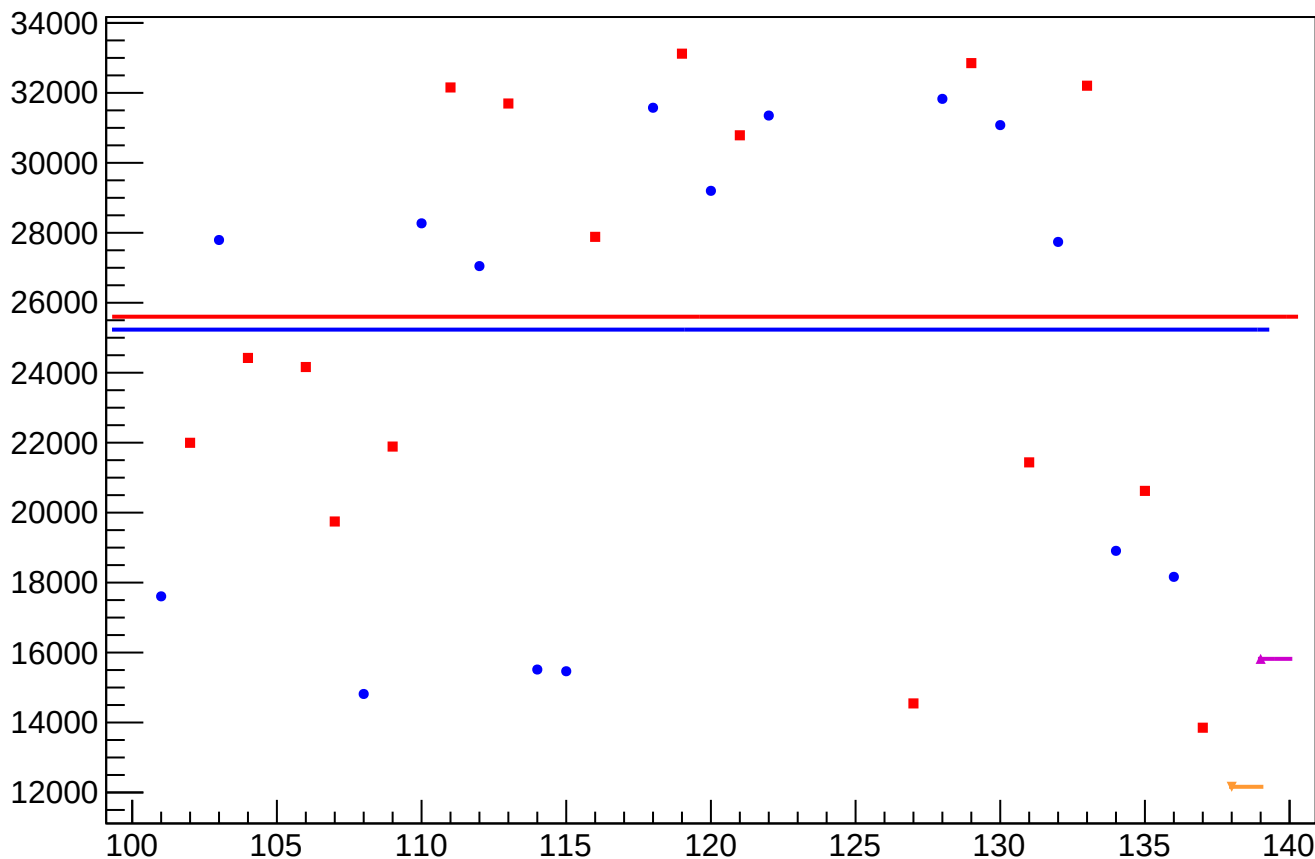
998.970+/-0.000 χ^2/NDF : 43614050609869573

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

943.293+/-0.000 χ^2/NDF : 67929281526204529

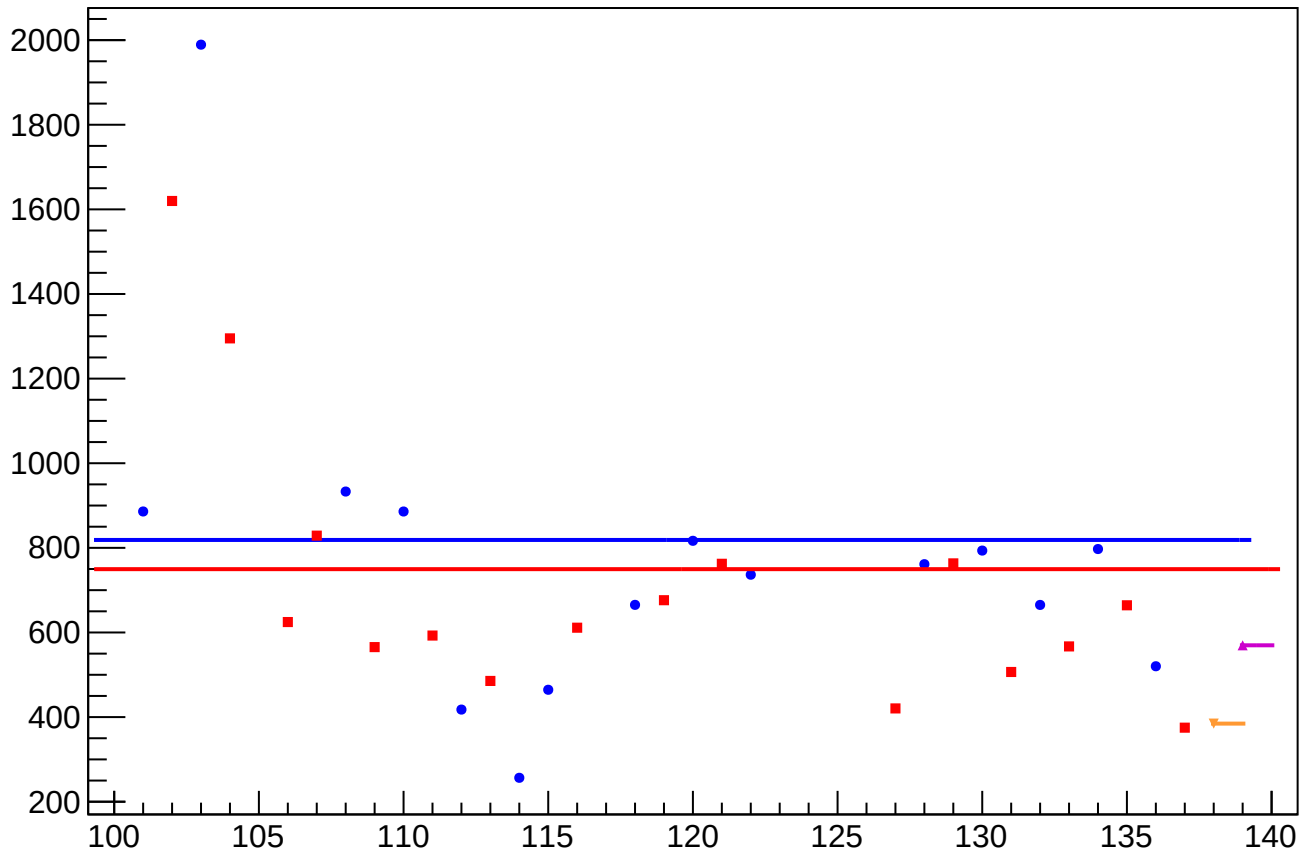
Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug



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



Right In: 818.668+/-0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 384.602+/-0.000 χ^2/NDF : 0.0/0

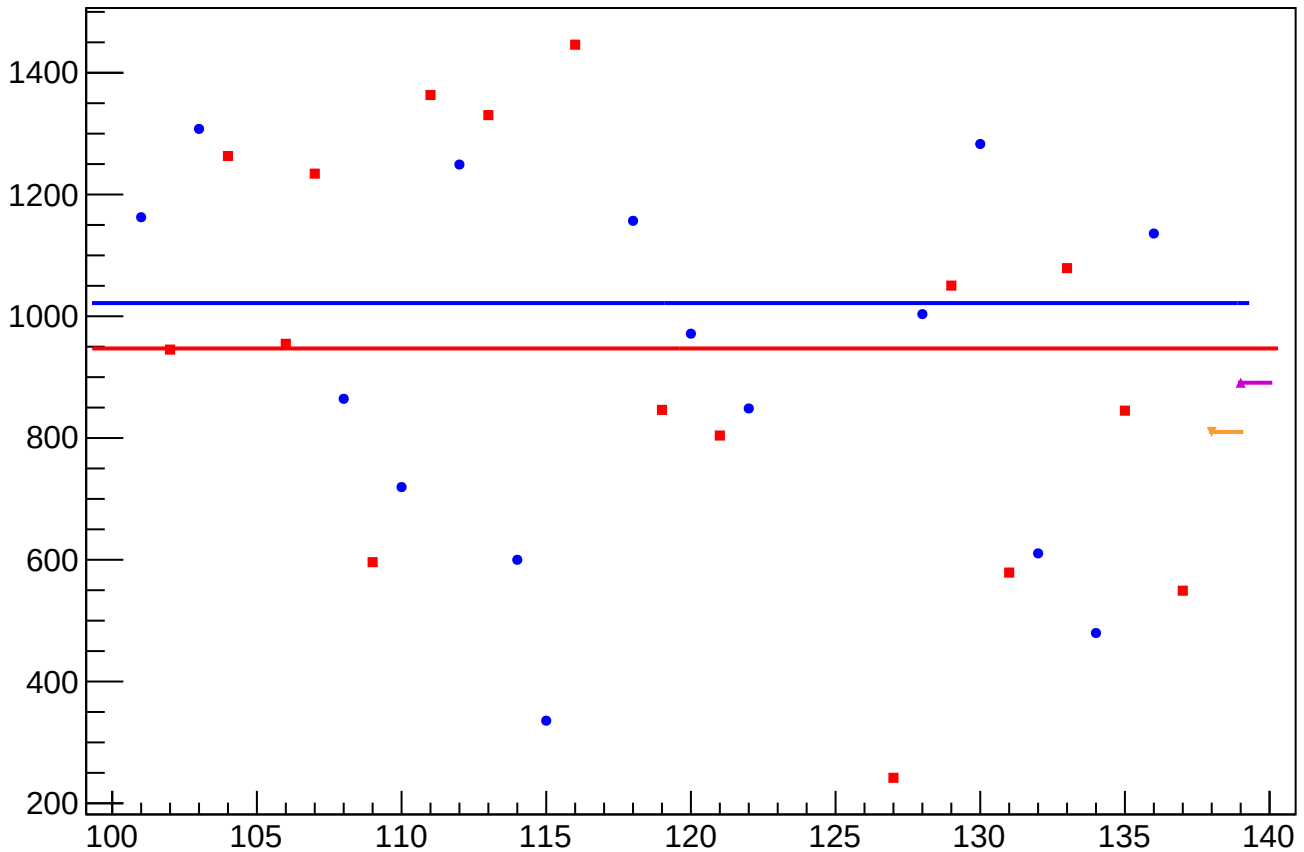
Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

Left In: 569.685+/-0.000 χ^2/NDF : 0.0/0

772.097+/-0.000 χ^2/NDF : 11872600100837571

737.345+/-0.000 χ^2/NDF : 79451252849252032

dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

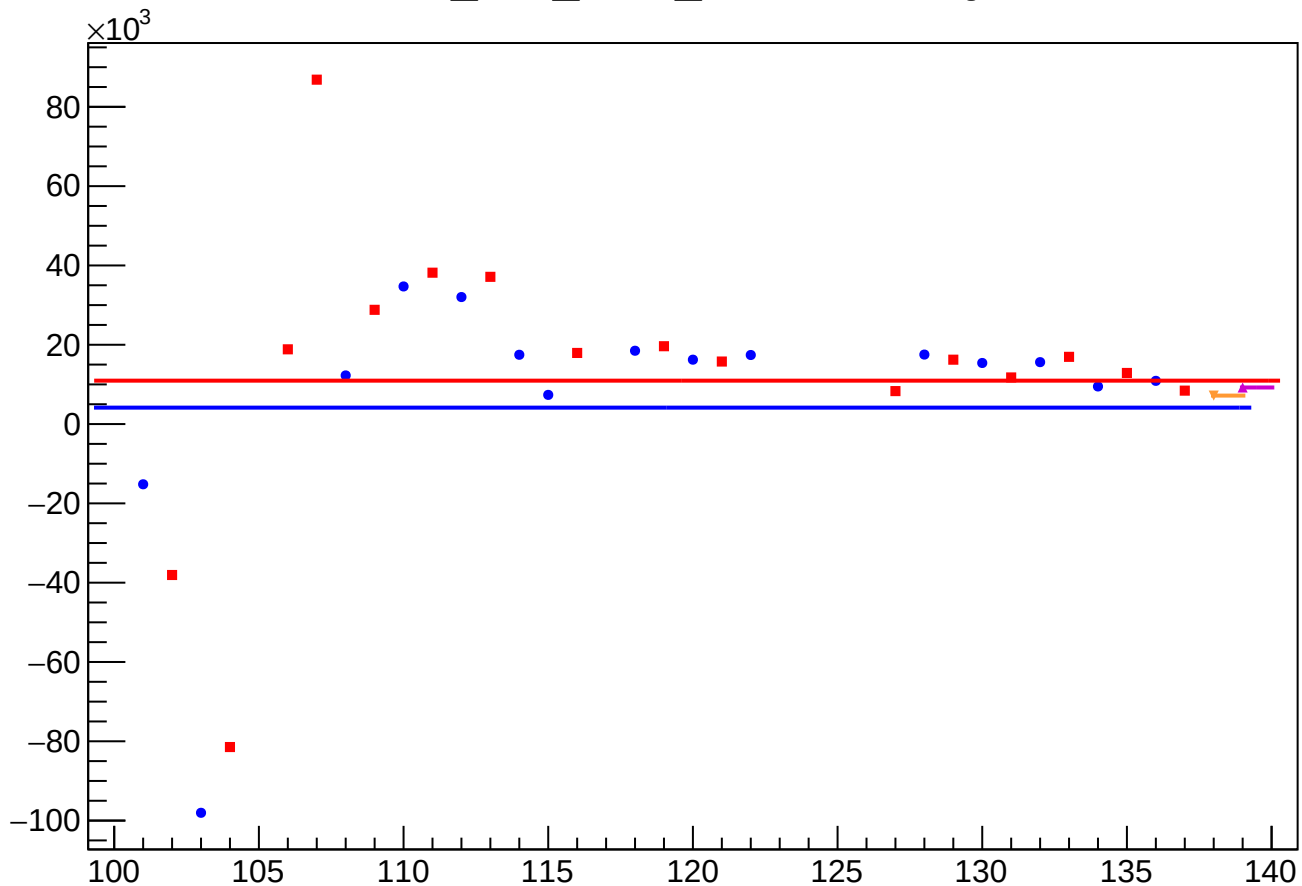
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

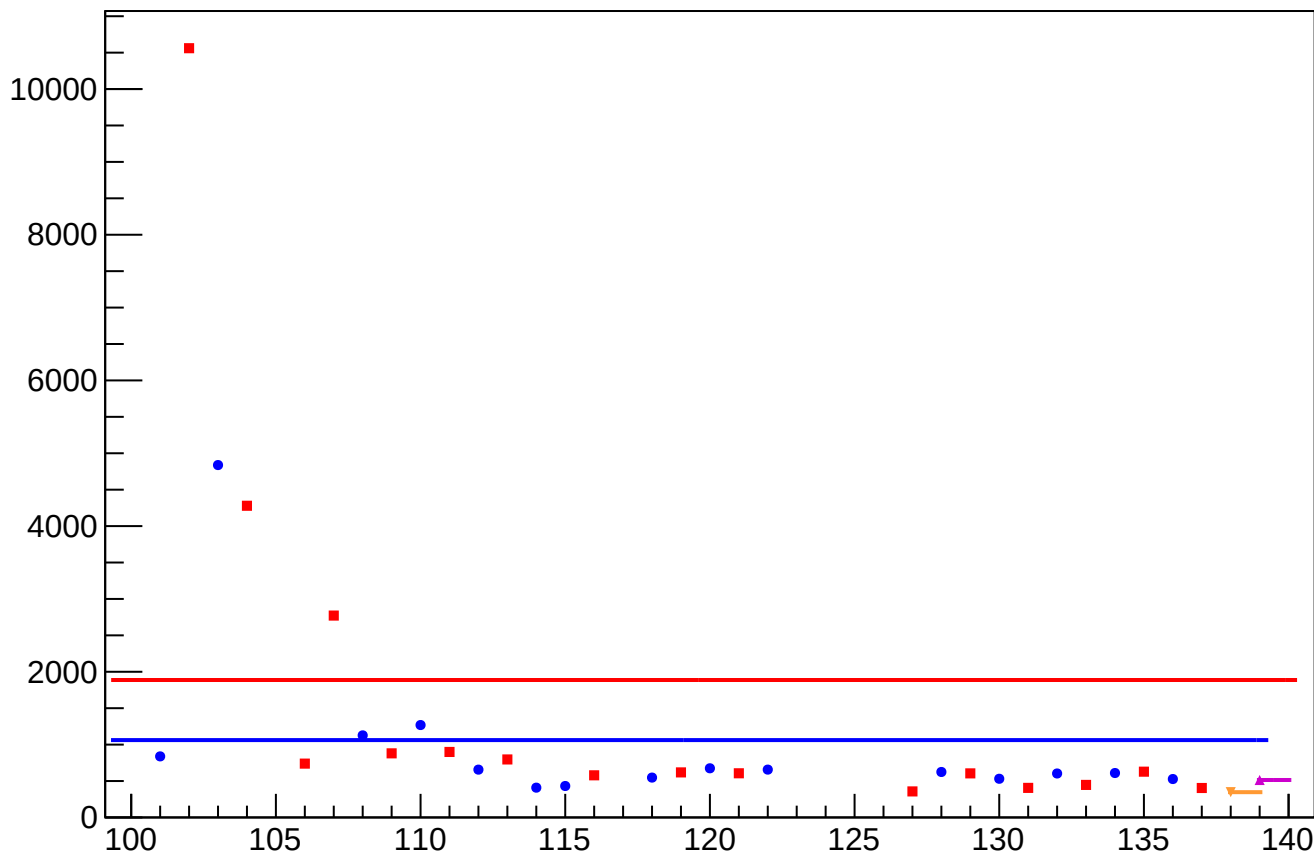
943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 7181.136+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 10948.073+/-0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 9225.389+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 347.174+/-0.000 χ^2/NDF : 0.0/0

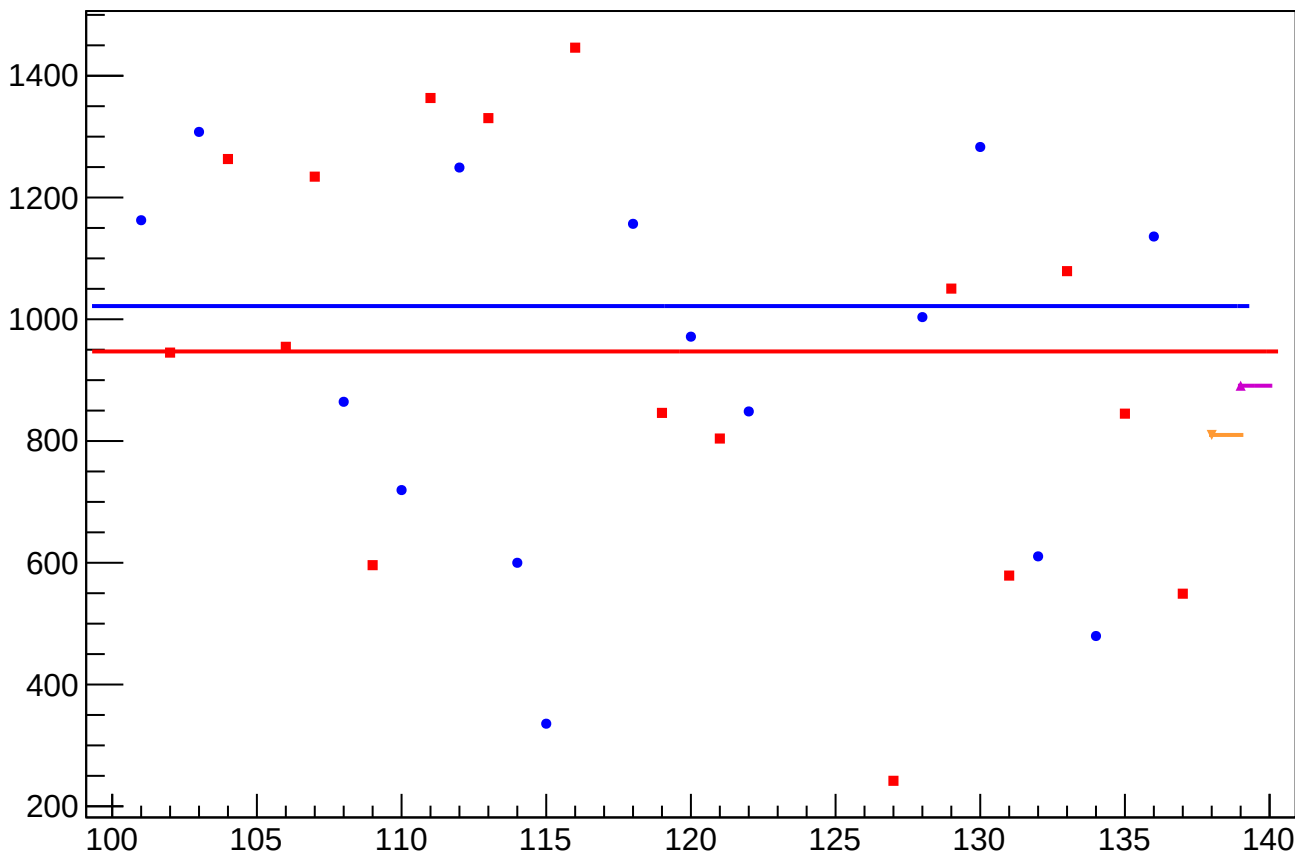
Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

Left In: 514.318+/-0.000 χ^2/NDF : 0.0/0

985.432+/-0.000 χ^2/NDF : 98840014559287950

1793.131+/-0.000 χ^2/NDF : 5611892287784793

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

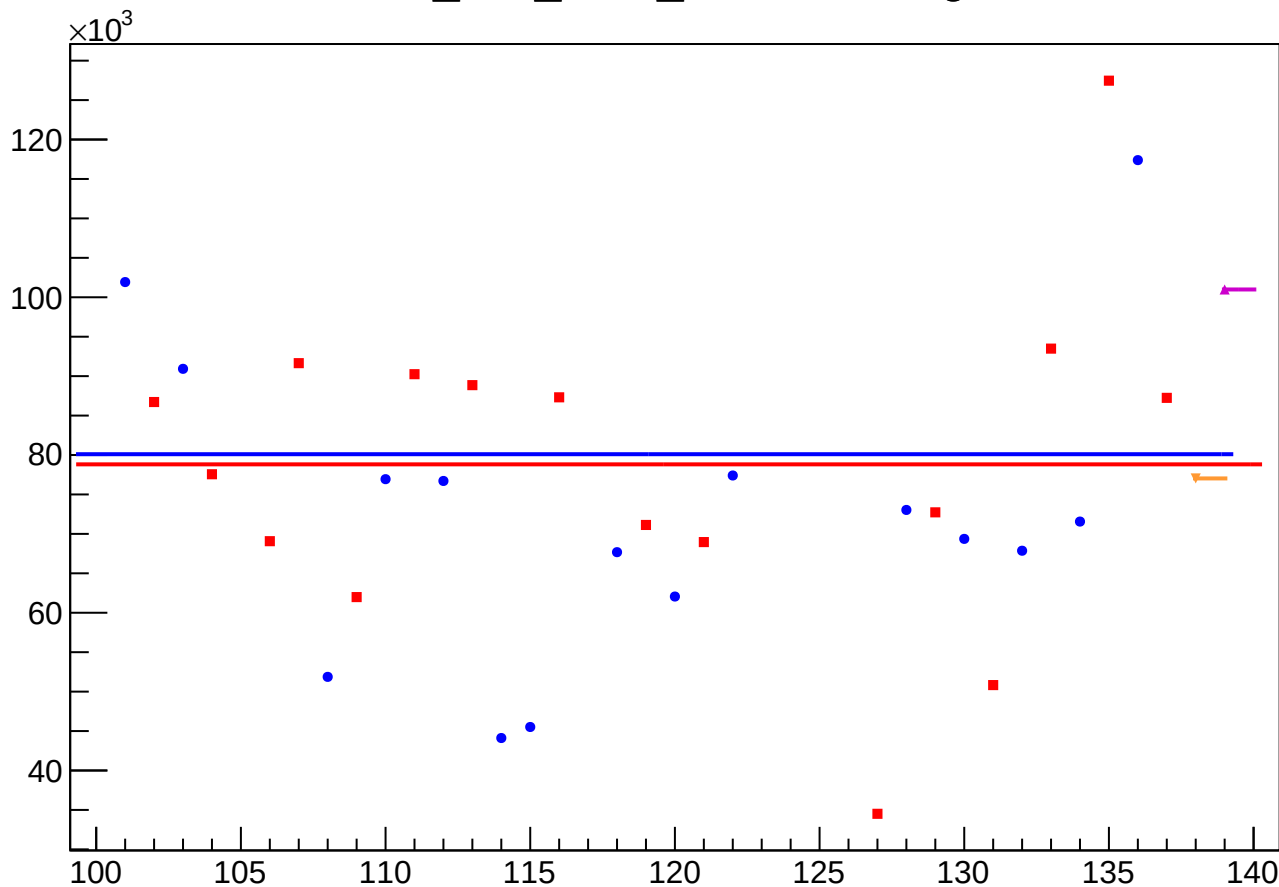
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

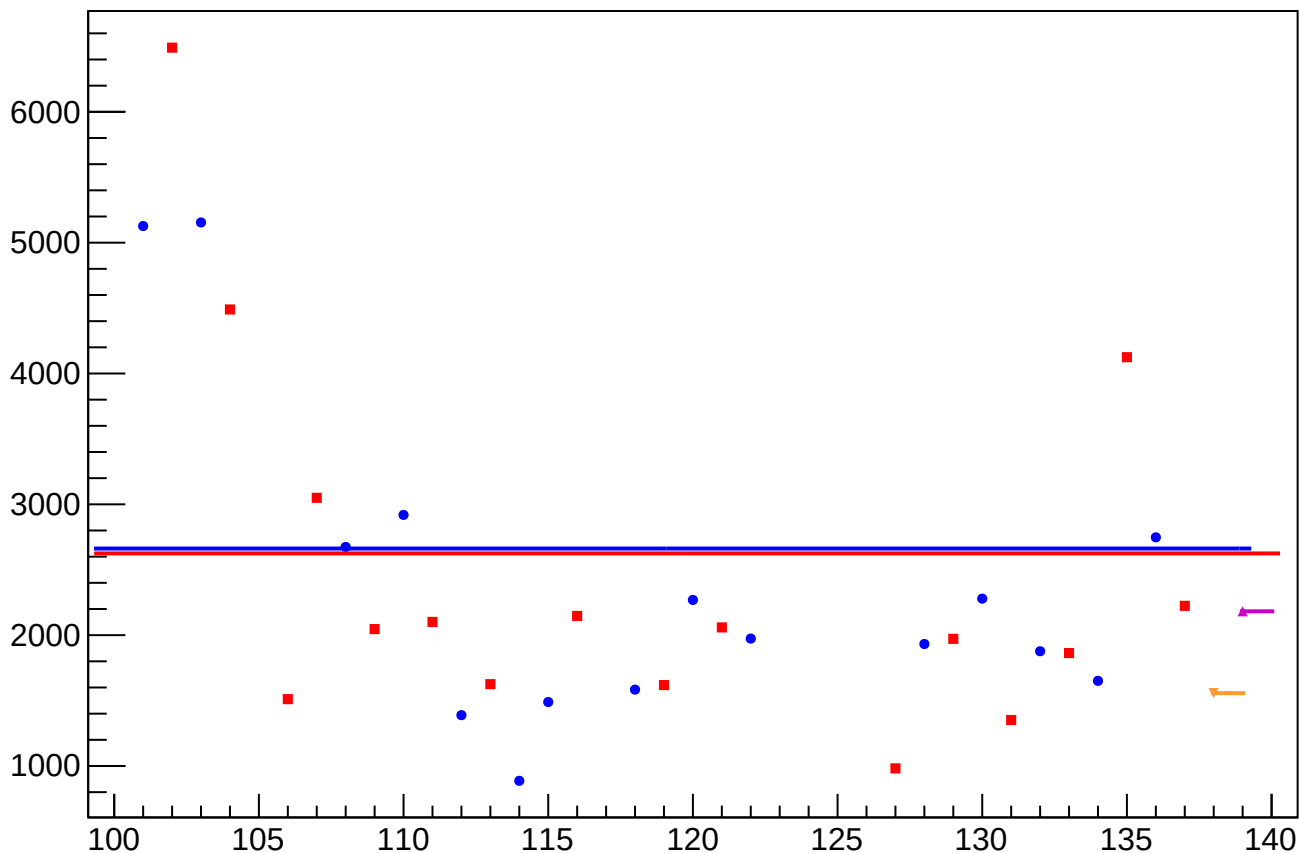
943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_atl2_coil7_mean vs Slug



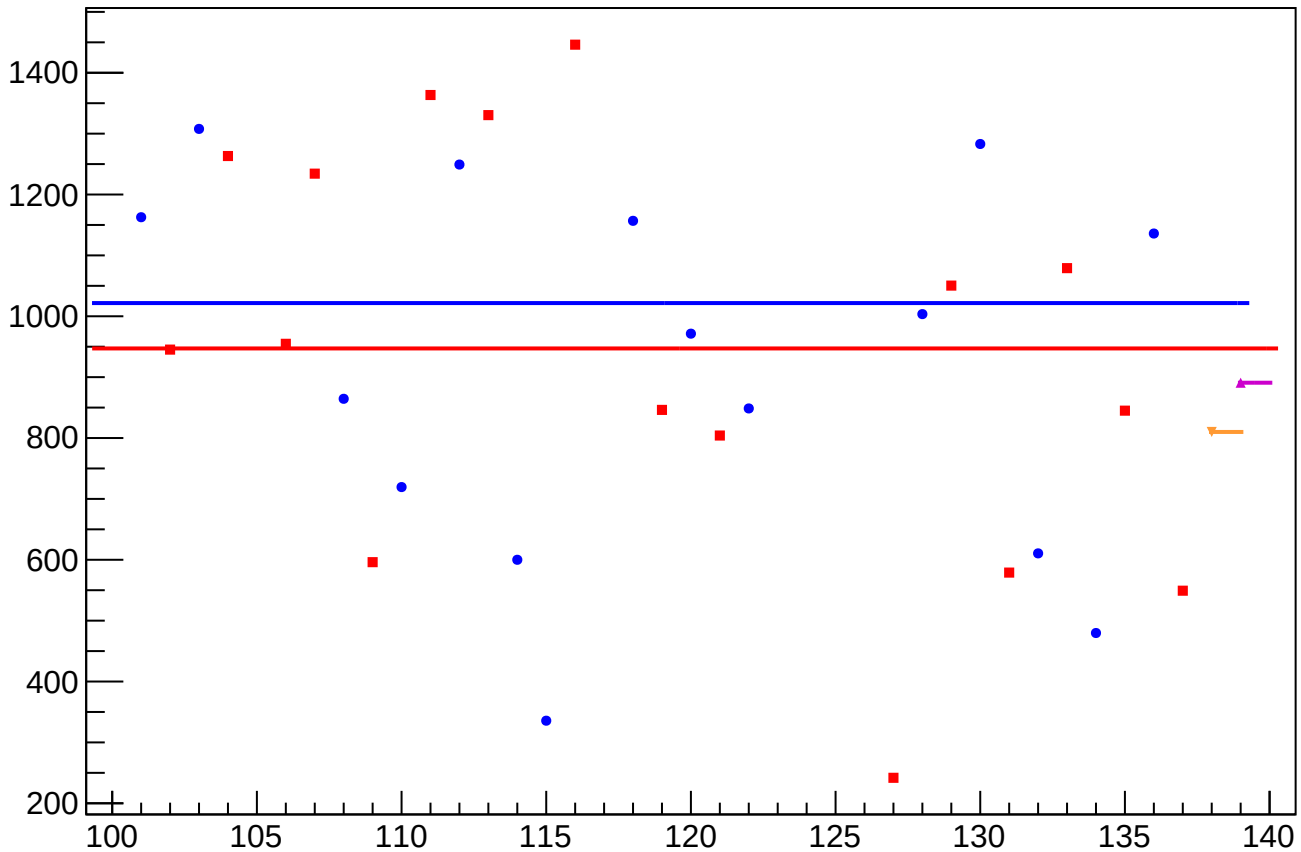
Right In: 80102.504+/-0.000 χ^2/NDF : 254521784097258654723607522631742465769472.0/14
 Left Out: 77030.667+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 78815.832+/-0.000 χ^2/NDF : 286076919217811099434470442231998185472000.0/15
 Left In: 100988.942+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug



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



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

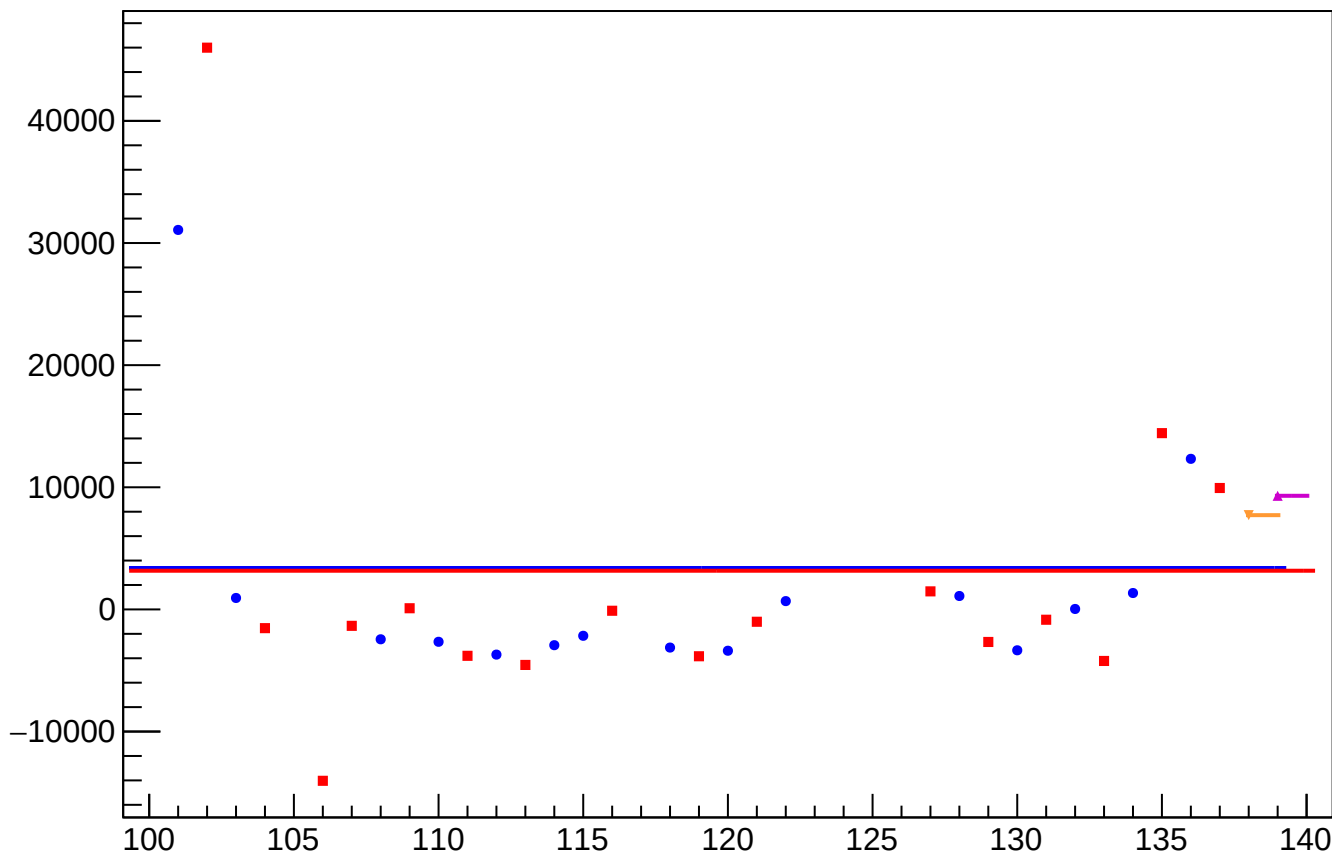
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14

Left Out: 7717.679+/-0.000 χ^2/NDF : 0.0/0

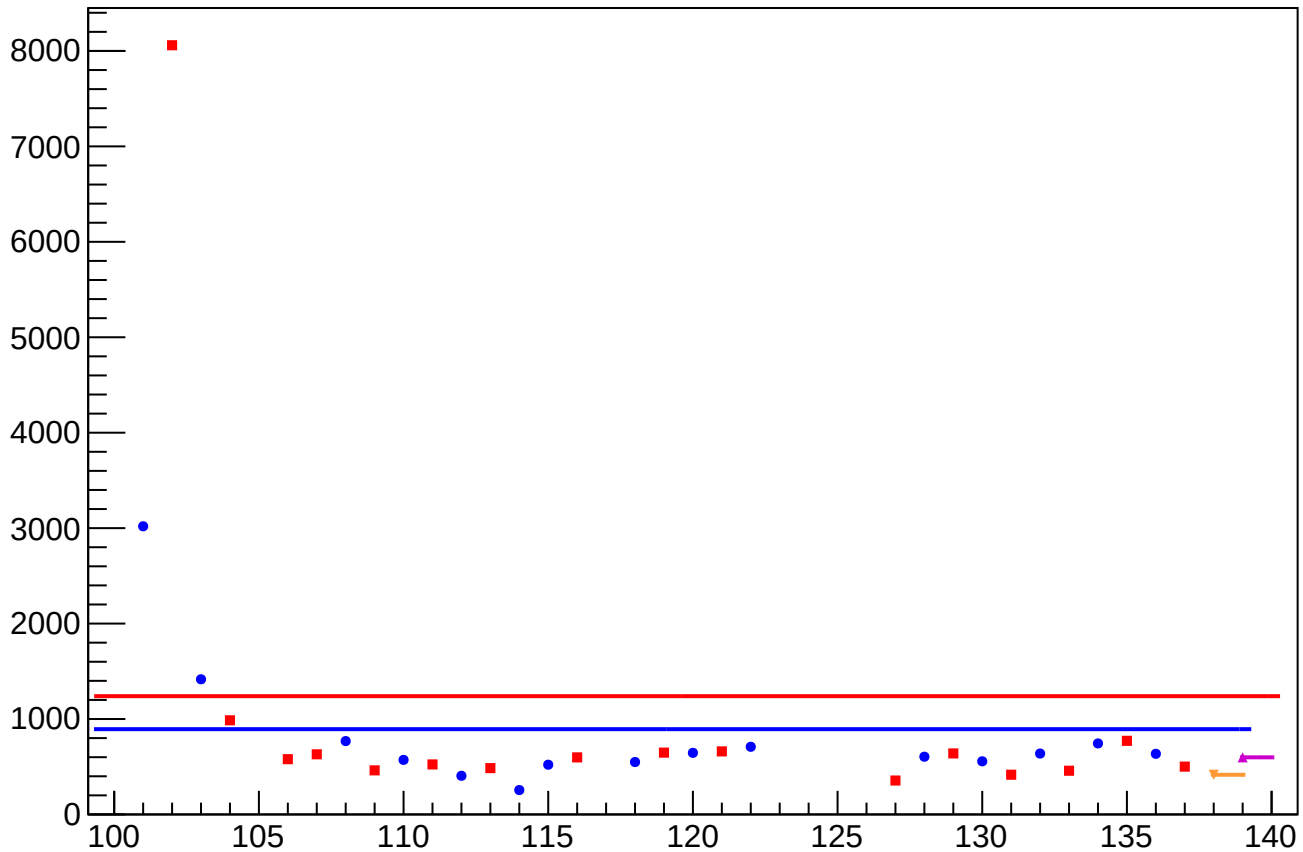
Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15

Left In: 9303.346+/-0.000 χ^2/NDF : 0.0/0

3854.809+/-0.000 χ^2/NDF : 6717570817583014

3587.314+/-0.000 χ^2/NDF : 1394724776785763

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 415.698+/-0.000 χ^2/NDF : 0.0/0

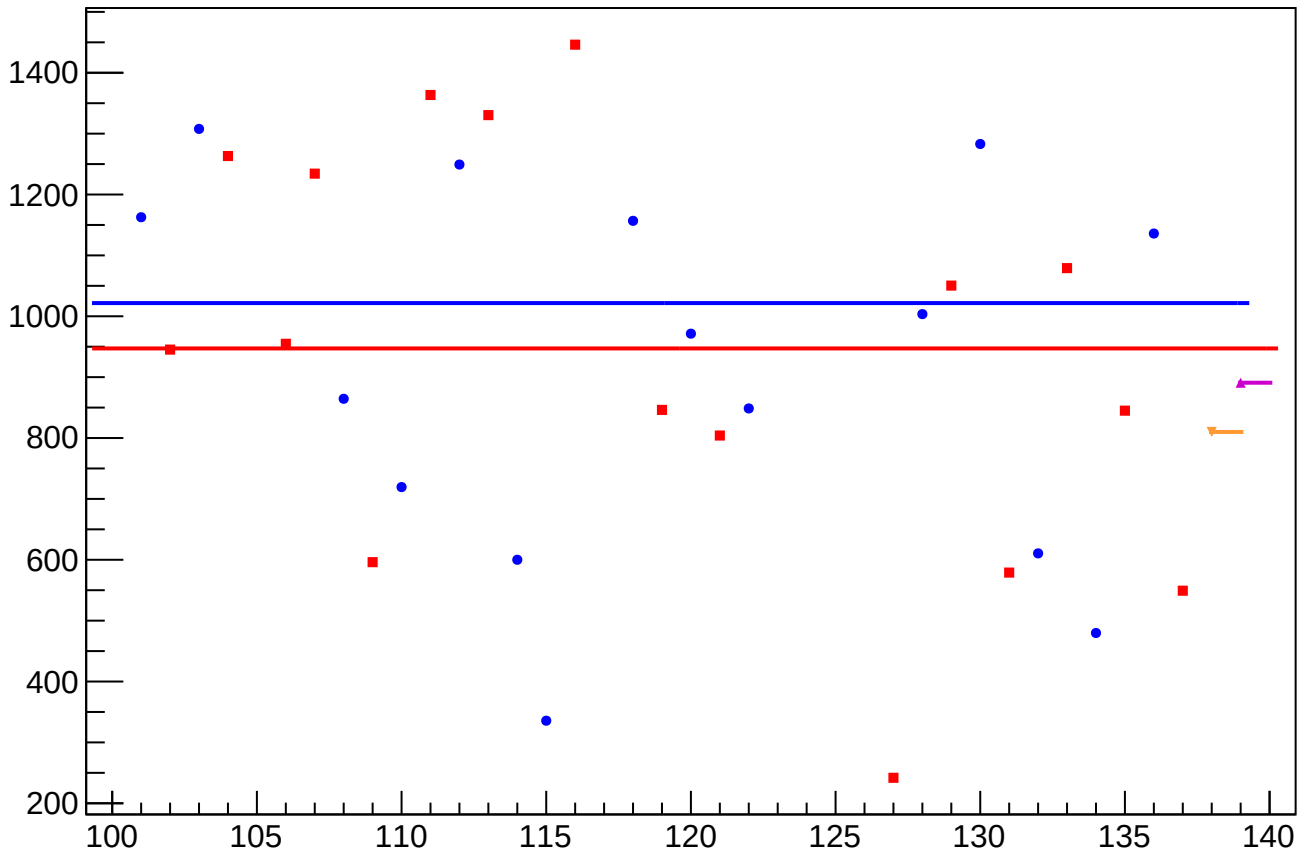
842.400+/-0.000 χ^2/NDF : 35049225508194993

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

1195.443+/-0.000 χ^2/NDF : 2989736341624716

Left In: 598.467+/-0.000 χ^2/NDF : 633310.2/0

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

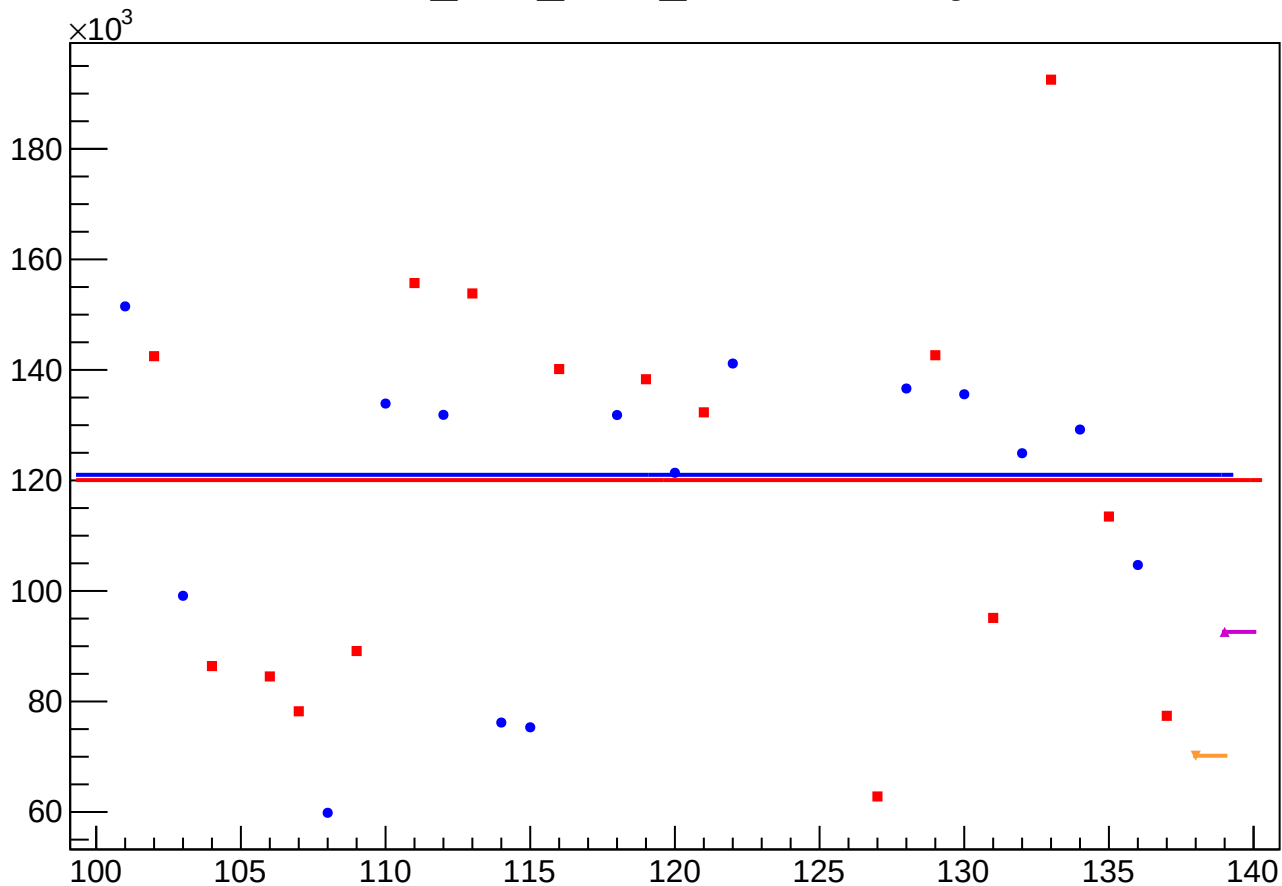
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

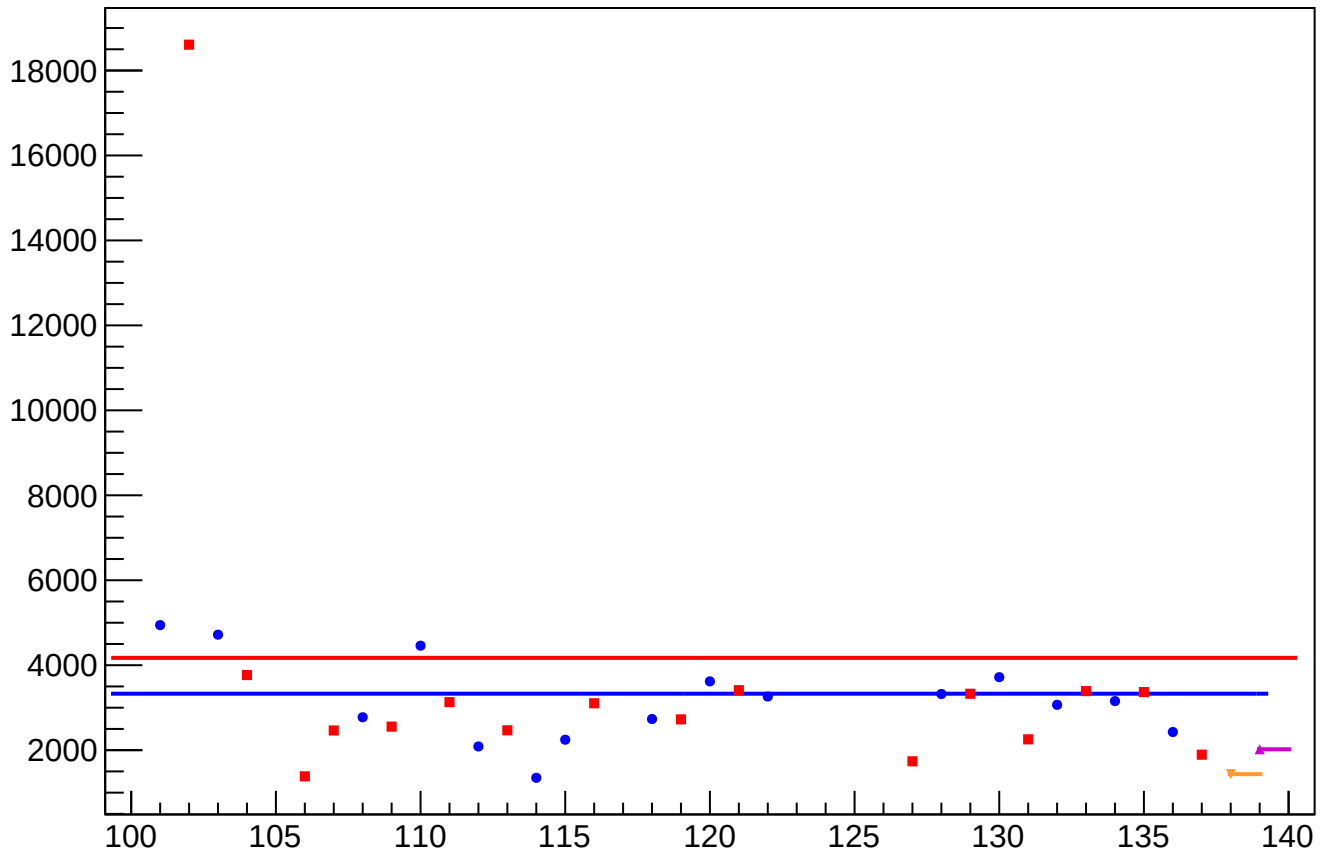
943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_atr2_coil7_mean vs Slug



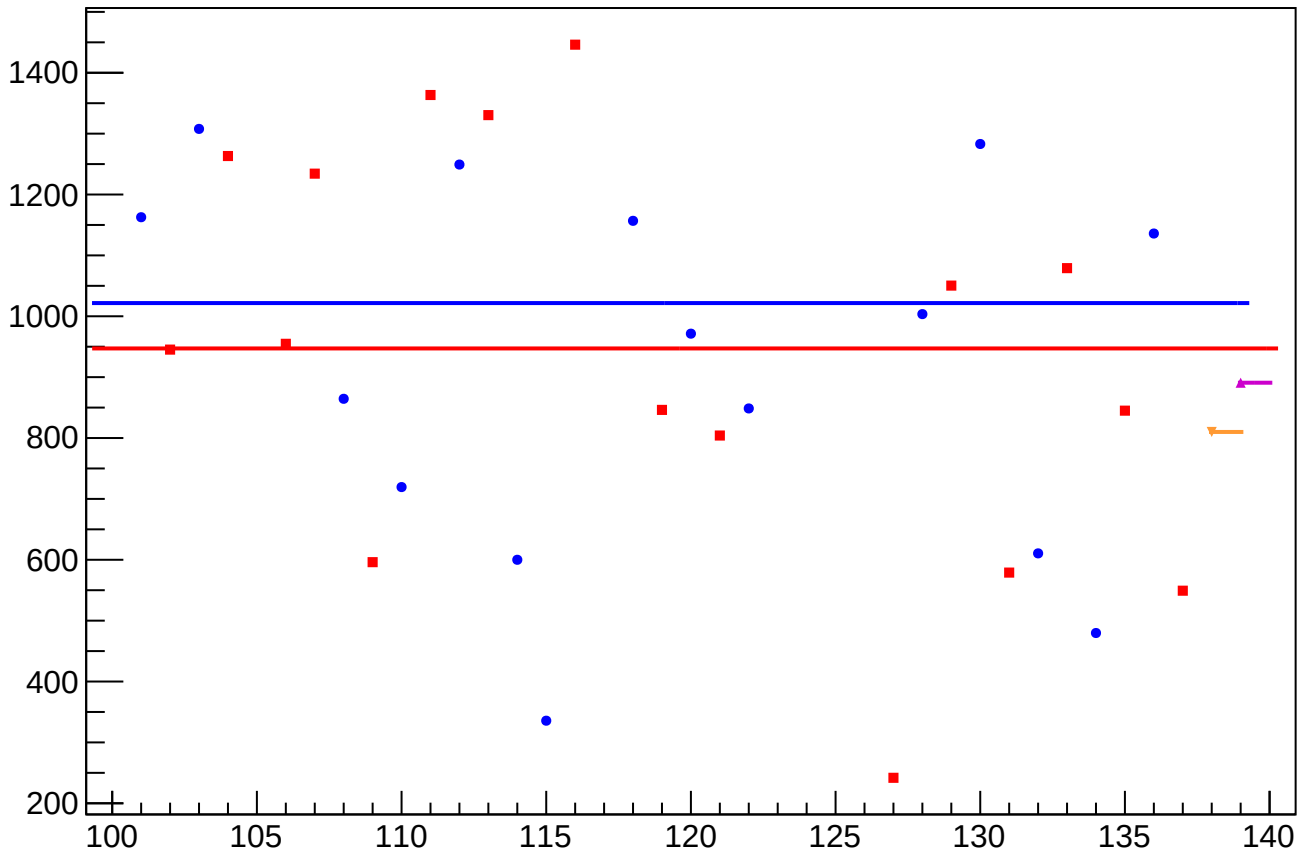
Right In: 121016.482 $\pm$ 0.000 χ^2/NDF : 358713856404303554987784975983609668173824.0/14
 Left Out: 70182.571 $\pm$ 0.000 χ^2/NDF : 16517142471.5/0
 Right Out: 120060.693 $\pm$ 0.000 χ^2/NDF : 828419782346707601448620310014135952736256.0/15
 Left In: 92591.452 $\pm$ 0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 1435.189+/-0.000 χ^2/NDF : 4032505.5/0
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2021.438+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

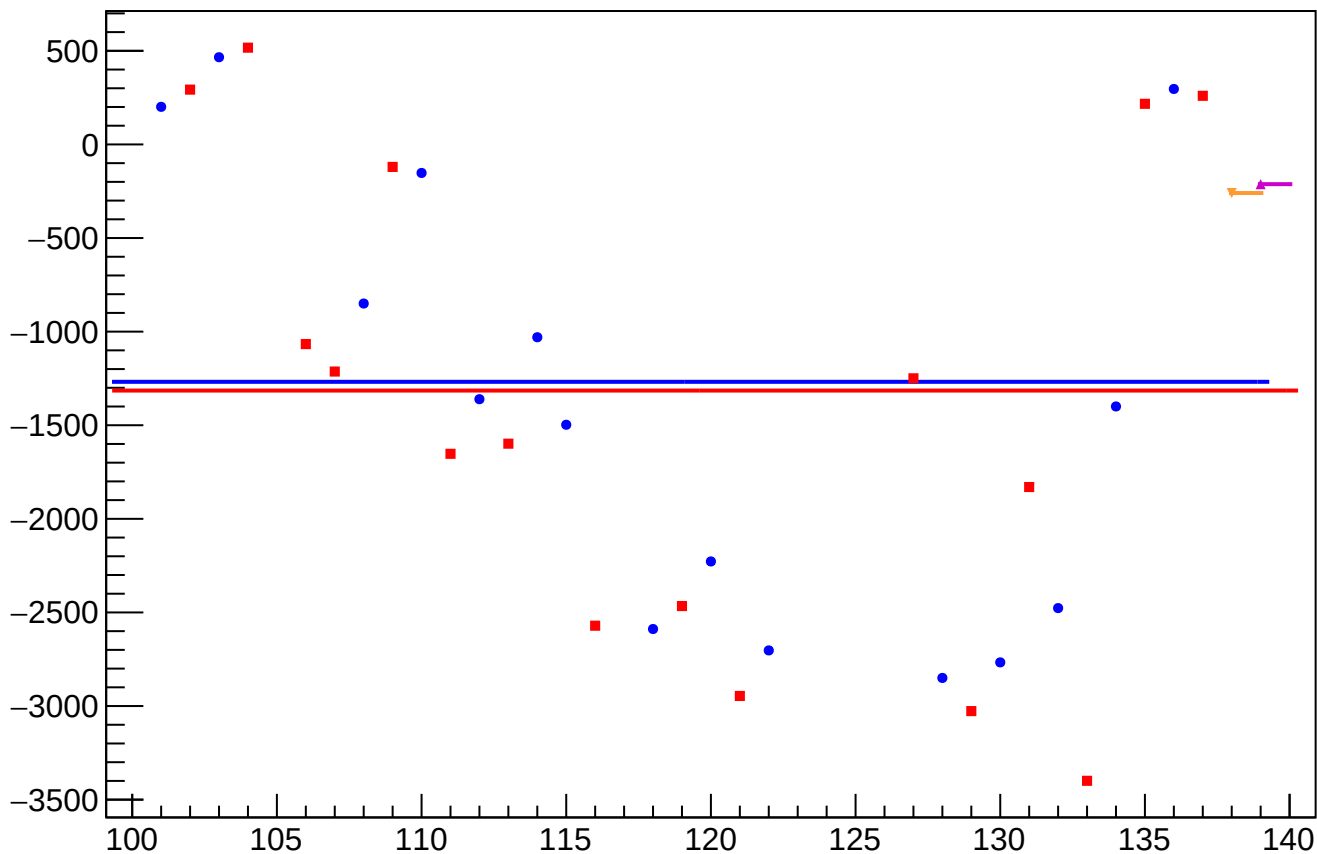
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: -259.552+/-0.000 χ^2/NDF : 0.0/0

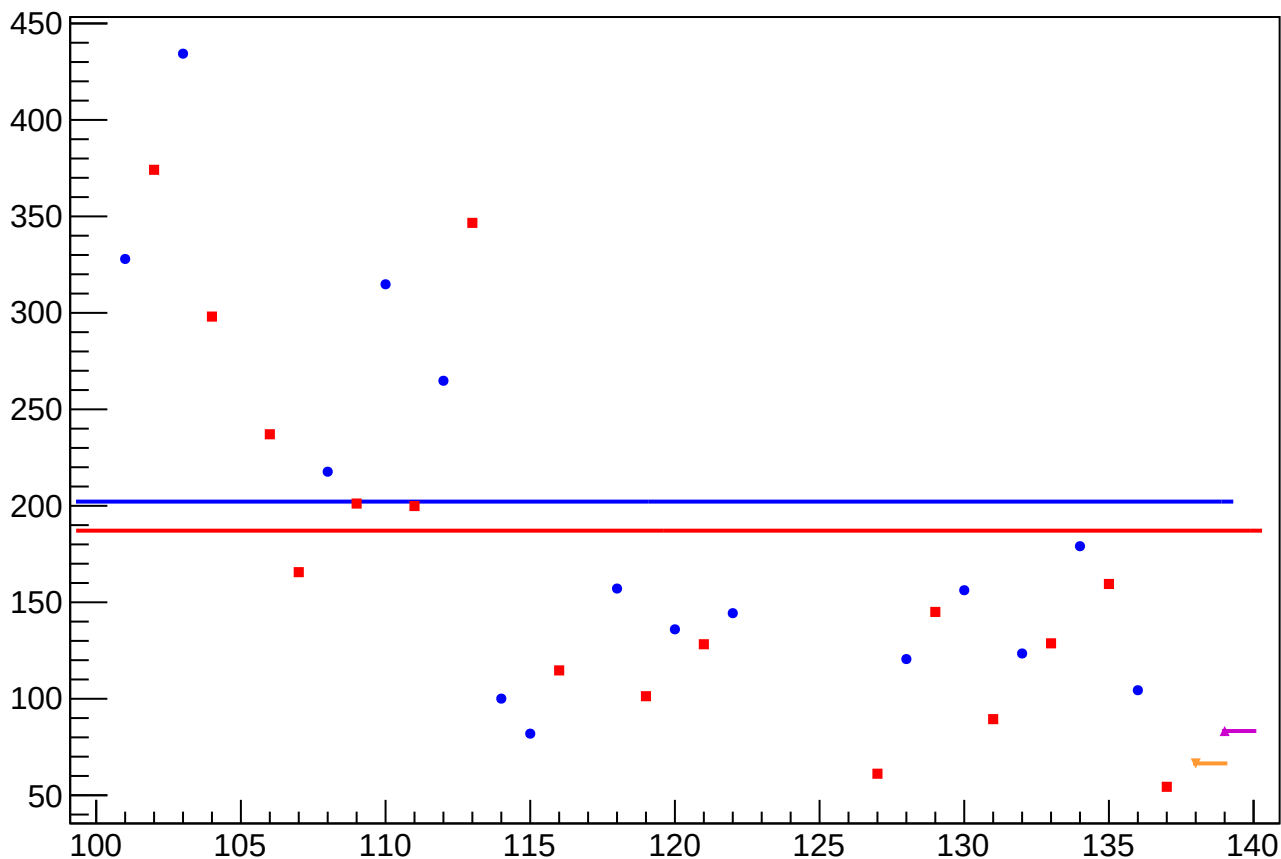
Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

Left In: -212.215+/-0.000 χ^2/NDF : 0.0/0

-1159.857+/-0.000 χ^2/NDF : 116310212409485

-1239.313+/-0.000 χ^2/NDF : 115396038717139

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 66.491+/-0.000 χ^2/NDF :15752.0/0

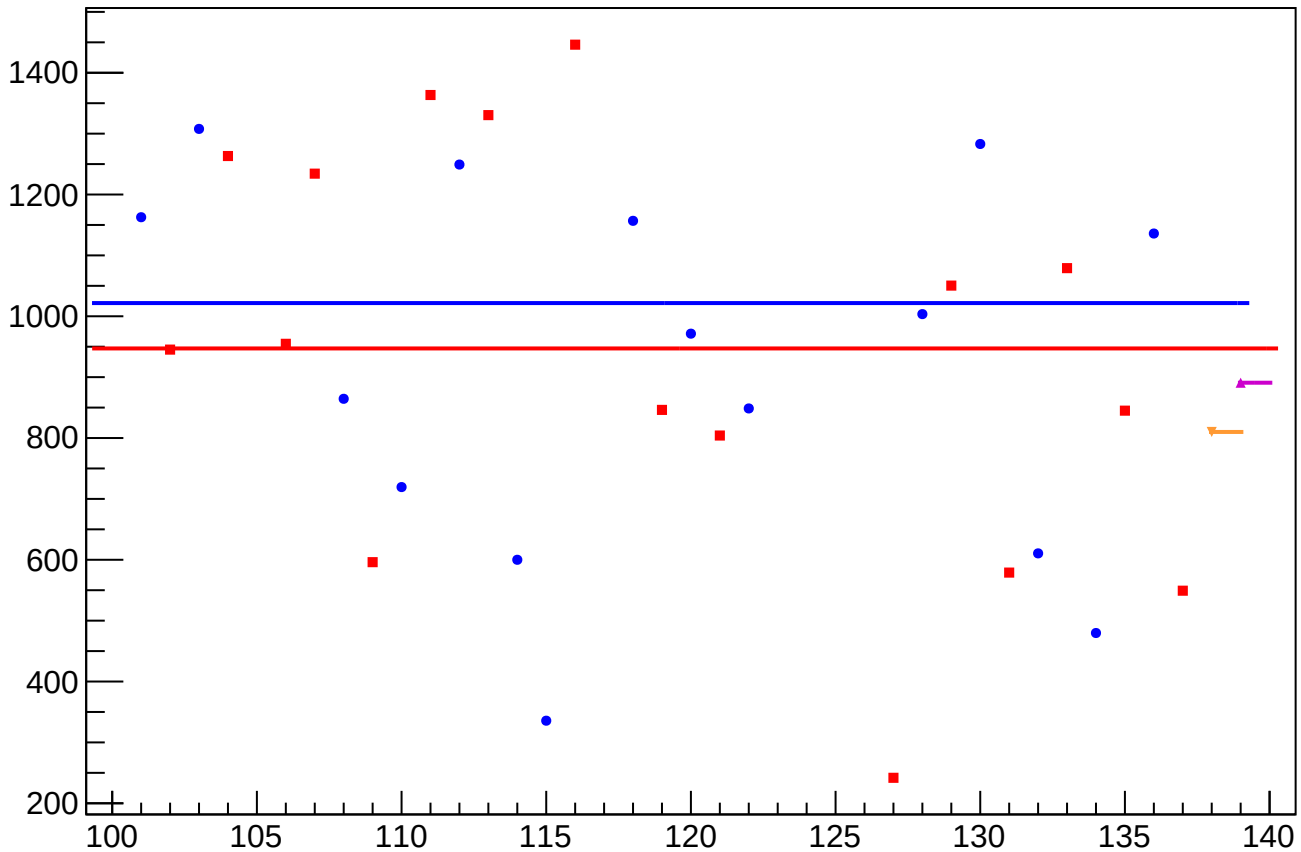
Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

Left In: 83.286+/-0.000 χ^2/NDF :9895.5/0

187.631+/-0.000 χ^2/NDF : 83101655271982980

180.019+/-0.000 χ^2/NDF : 67222279690134168

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

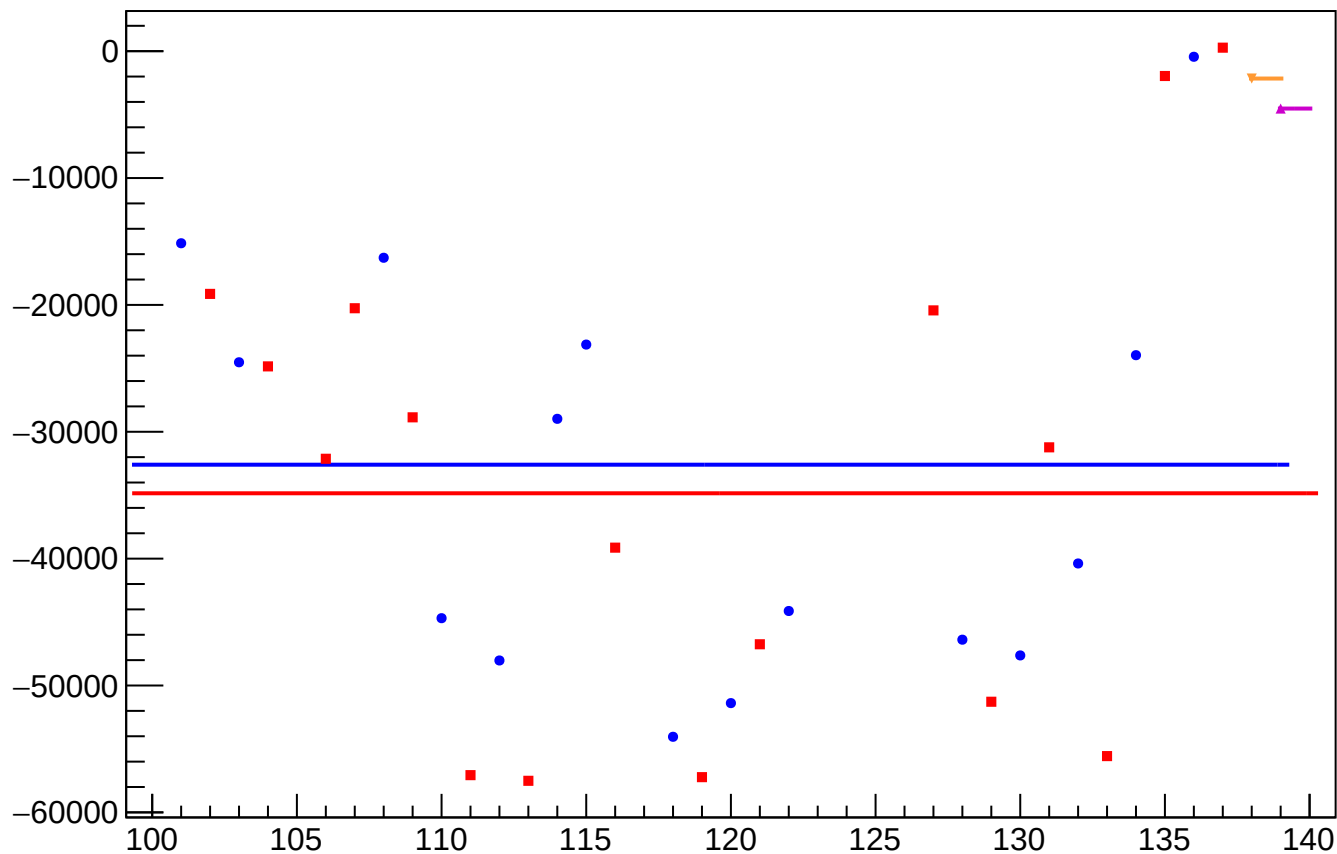
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

943.293+/-0.000 χ^2/NDF : 67929281526204529

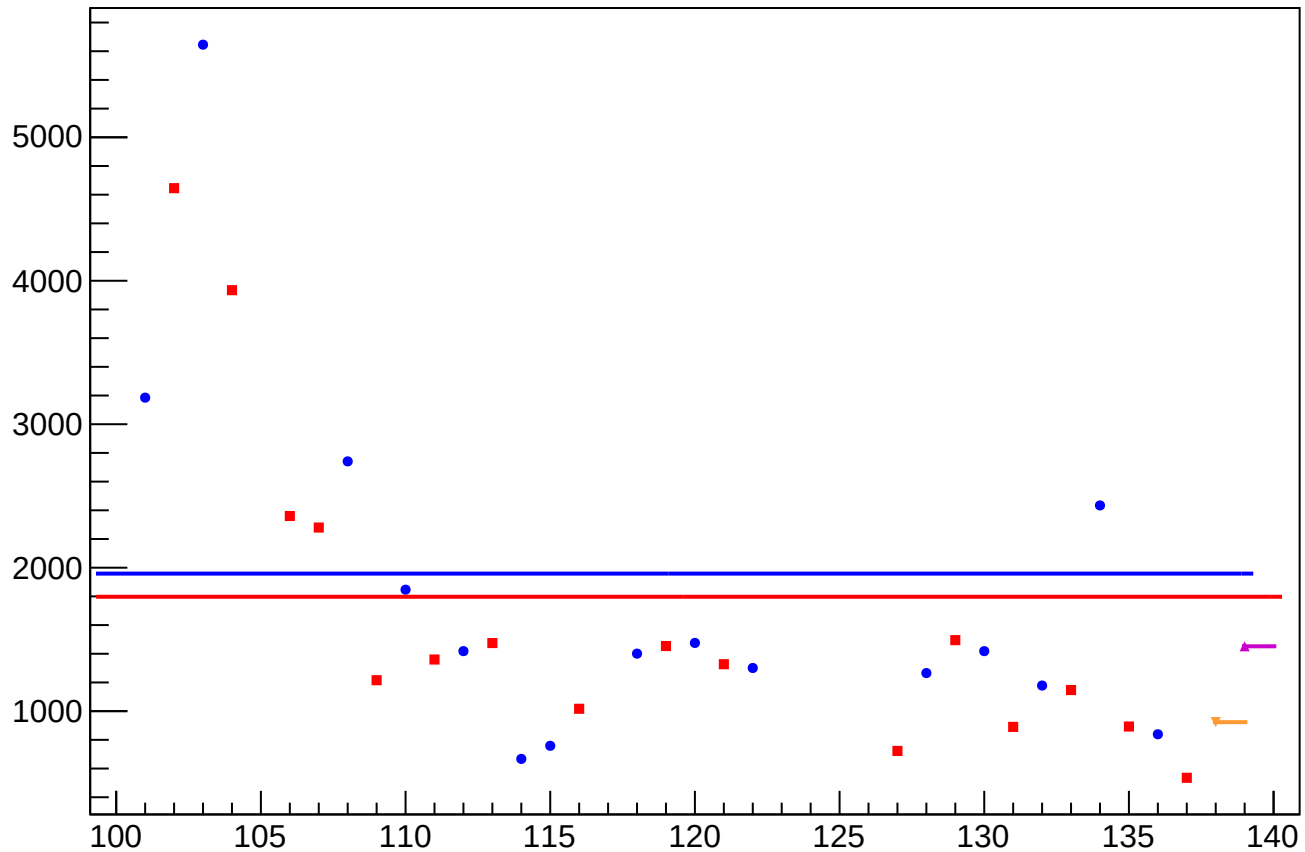
dit_sam2_coil7_mean vs Slug



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

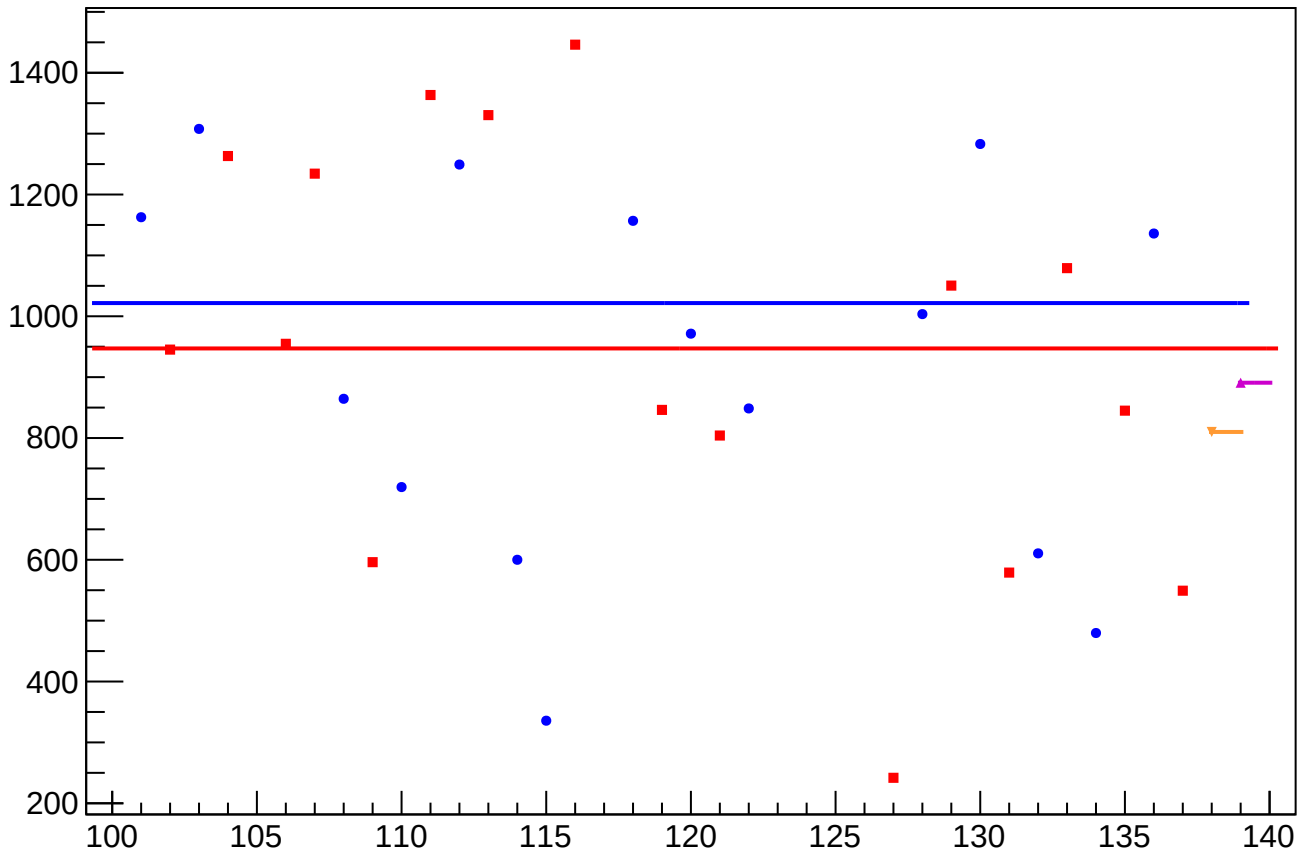
-29329.192+/-0.000 χ^2/NDF : 27366459964978
-32772.688+/-0.000 χ^2/NDF : 26310637814873

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 923.447+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1452.061+/-0.000 χ^2/NDF : 2533240.6/0

dit_sam2_coil7_Ndata_mean vs Slug



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

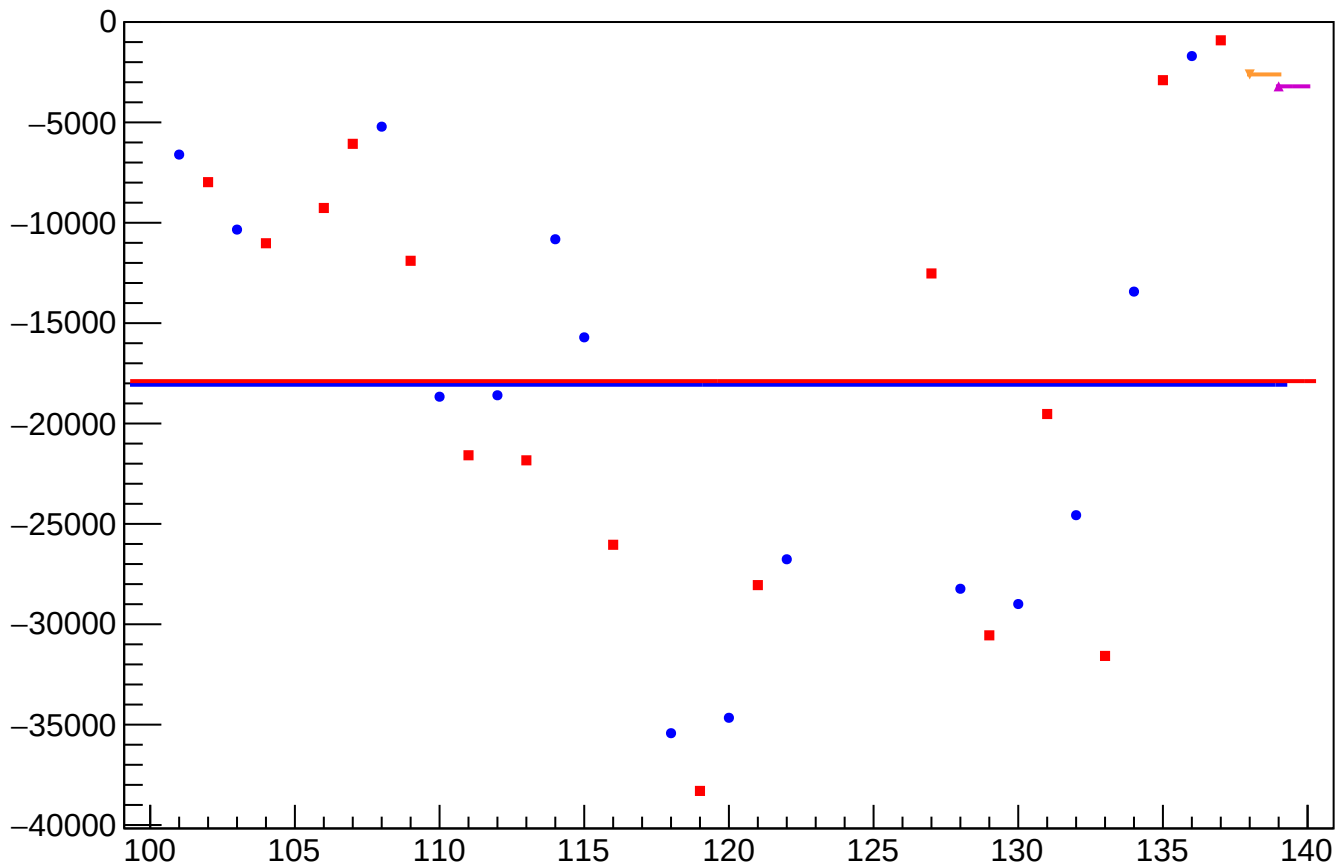
Right Out: 947.145 $\pm$ 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857 $\pm$ 0.000 χ^2/NDF : 0.0/0

998.970 $\pm$ 0.000 χ^2/NDF : 43614050609869573

943.293 $\pm$ 0.000 χ^2/NDF : 67929281526204529

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14

Left Out: -2611.050+/-0.000 χ^2/NDF :16130021.9/0

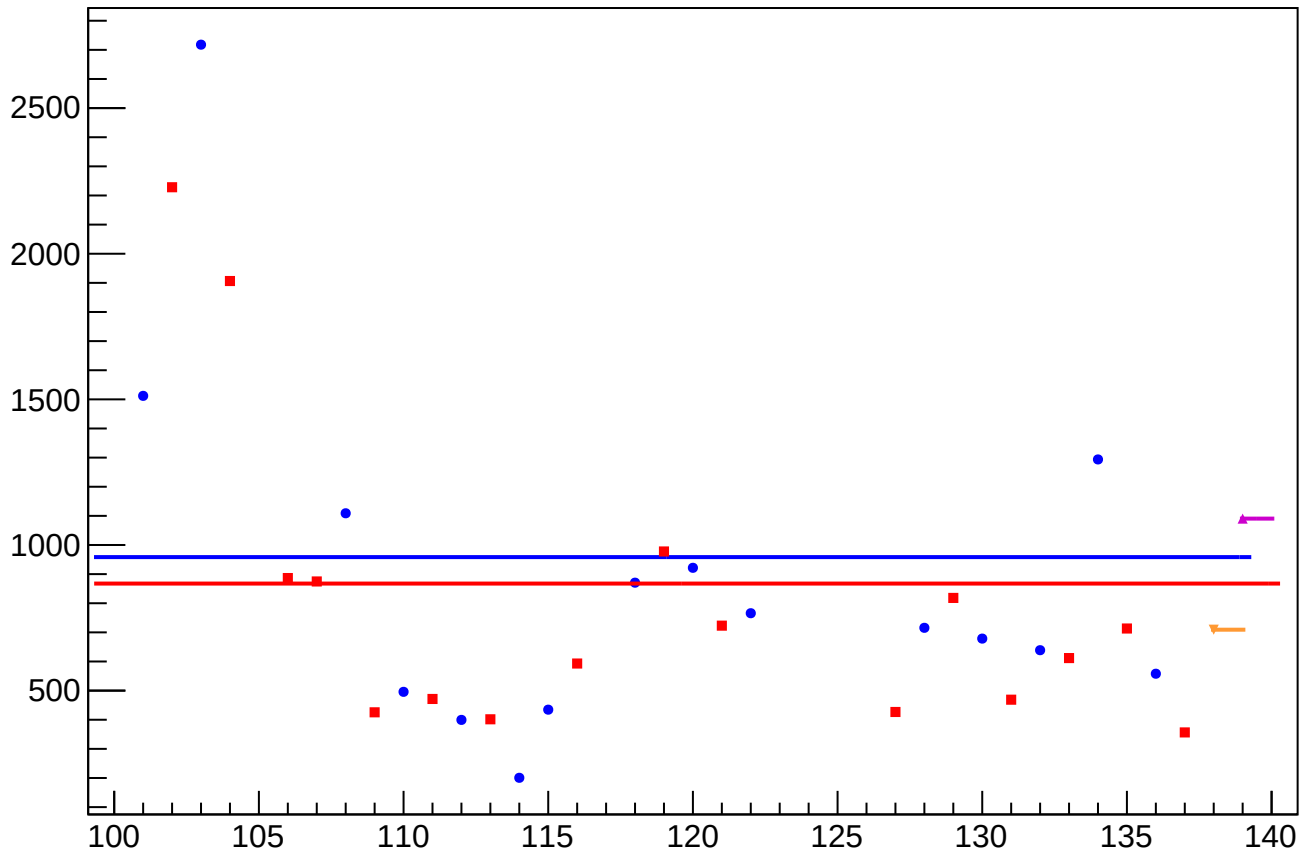
-16410.111+/-0.000 χ^2/NDF : 10094947766555

Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15

-16883.247+/-0.000 χ^2/NDF : 88248059620265

Left In: -3204.283+/-0.000 χ^2/NDF :0.0/0

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 709.168+/-0.000 χ^2/NDF : 1008126.4/0

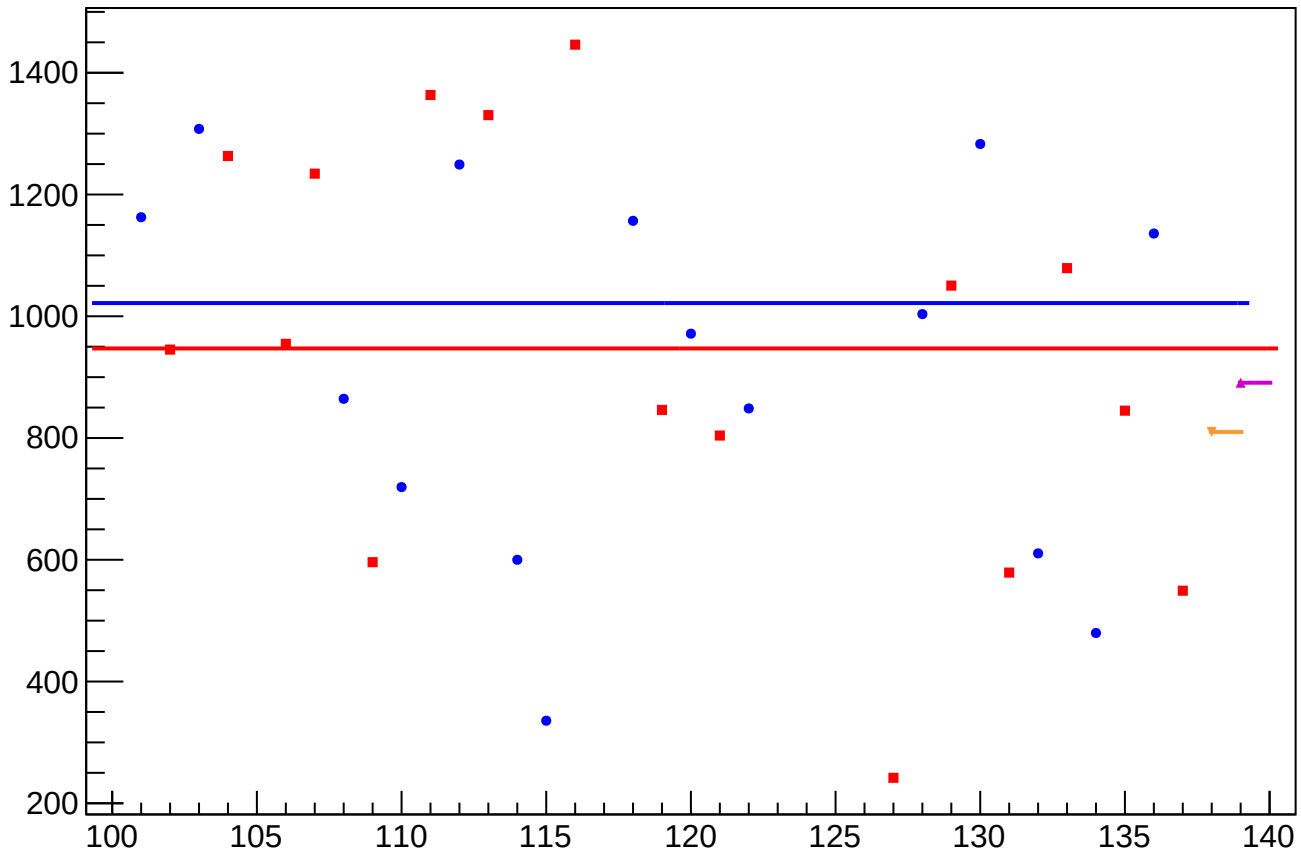
Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

Left In: 1090.584+/-0.000 χ^2/NDF : 0.0/0

931.669+/-0.000 χ^2/NDF : 26905872801636894

882.802+/-0.000 χ^2/NDF : 21840075570061603

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

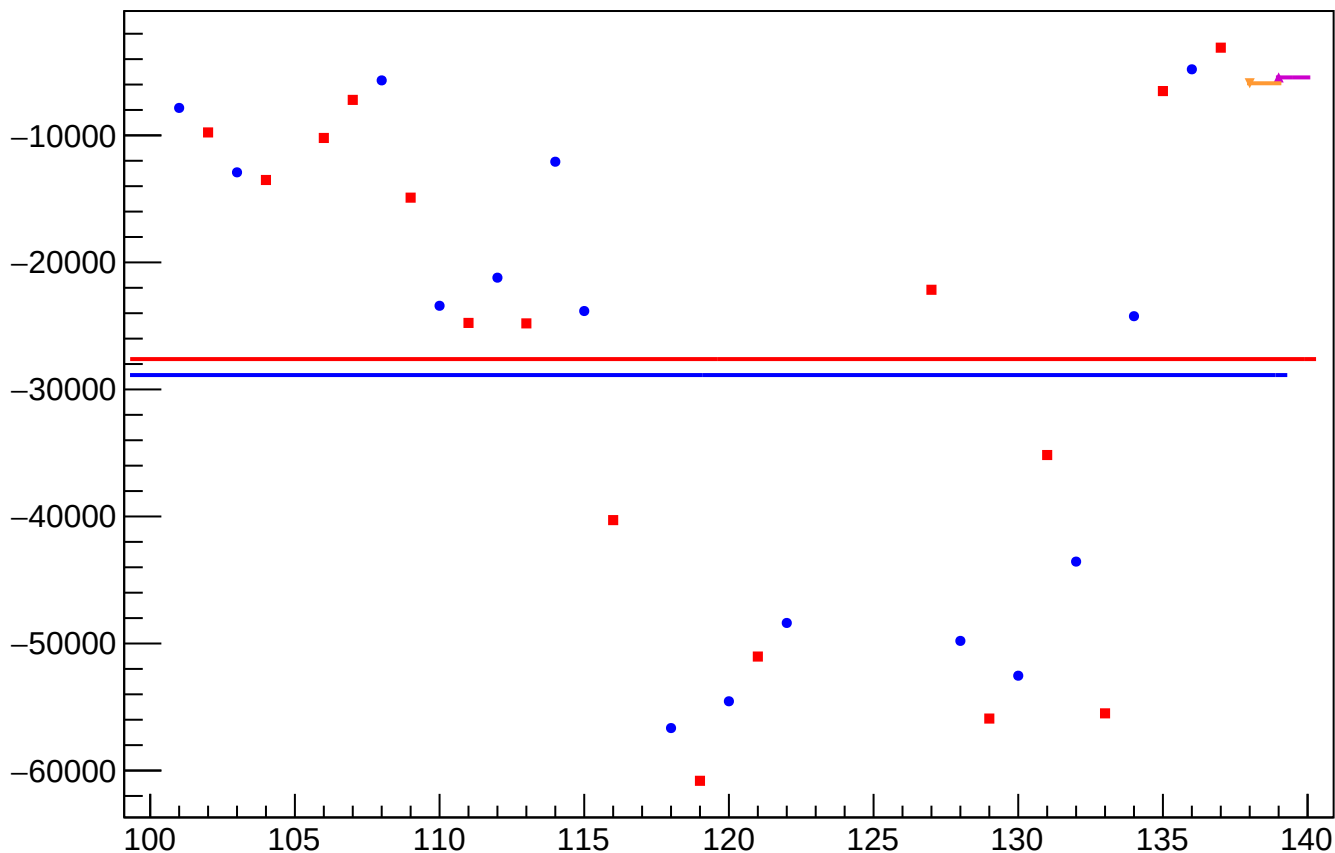
998.970+/-0.000 χ^2/NDF : 43614050609869573

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

943.293+/-0.000 χ^2/NDF : 67929281526204529

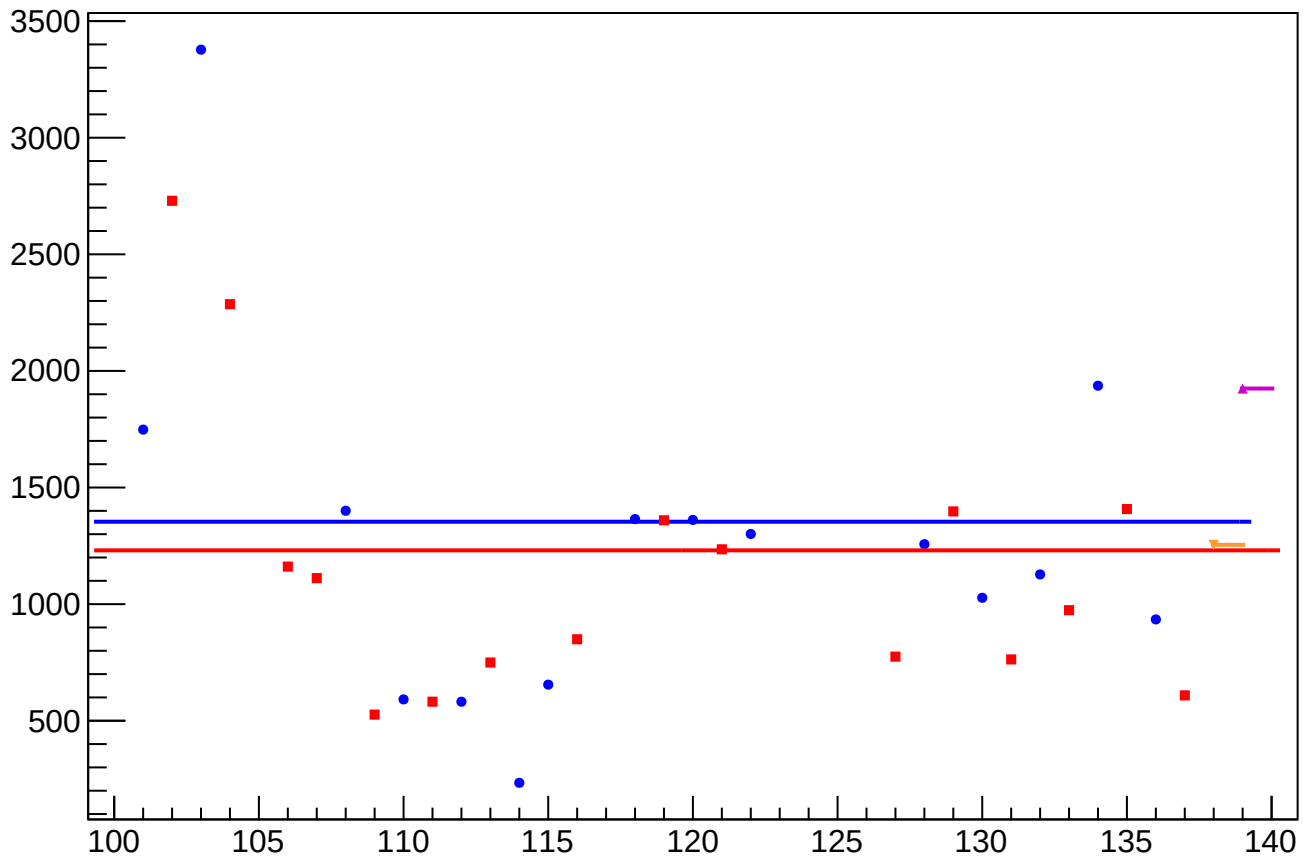
Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug



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

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1254.328+/-0.000 χ^2/NDF : 0.0/0

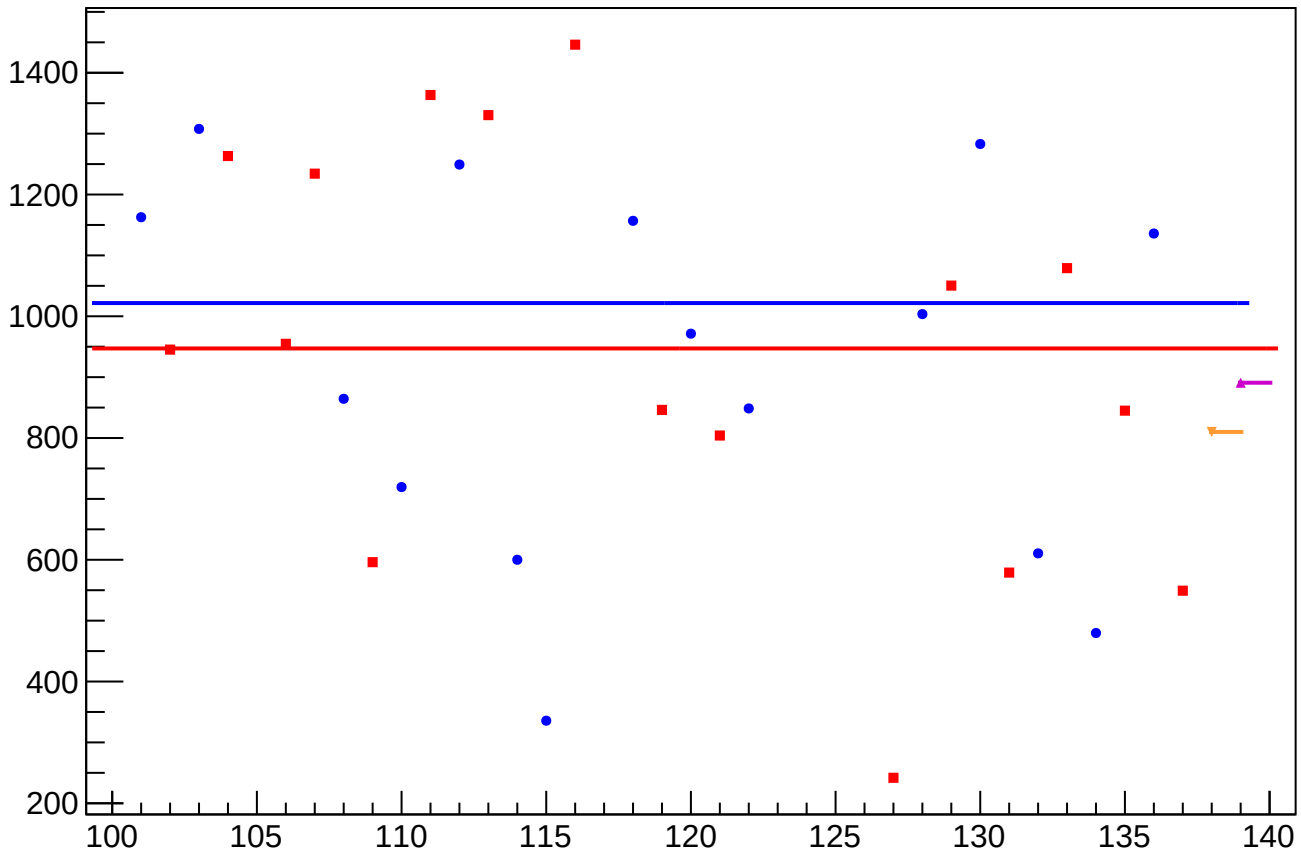
Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

Left In: 1924.507+/-0.000 χ^2/NDF : 0.0/0

1342.782+/-0.000 χ^2/NDF : 3535715915253748

1278.119+/-0.000 χ^2/NDF : 2989665350690275

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

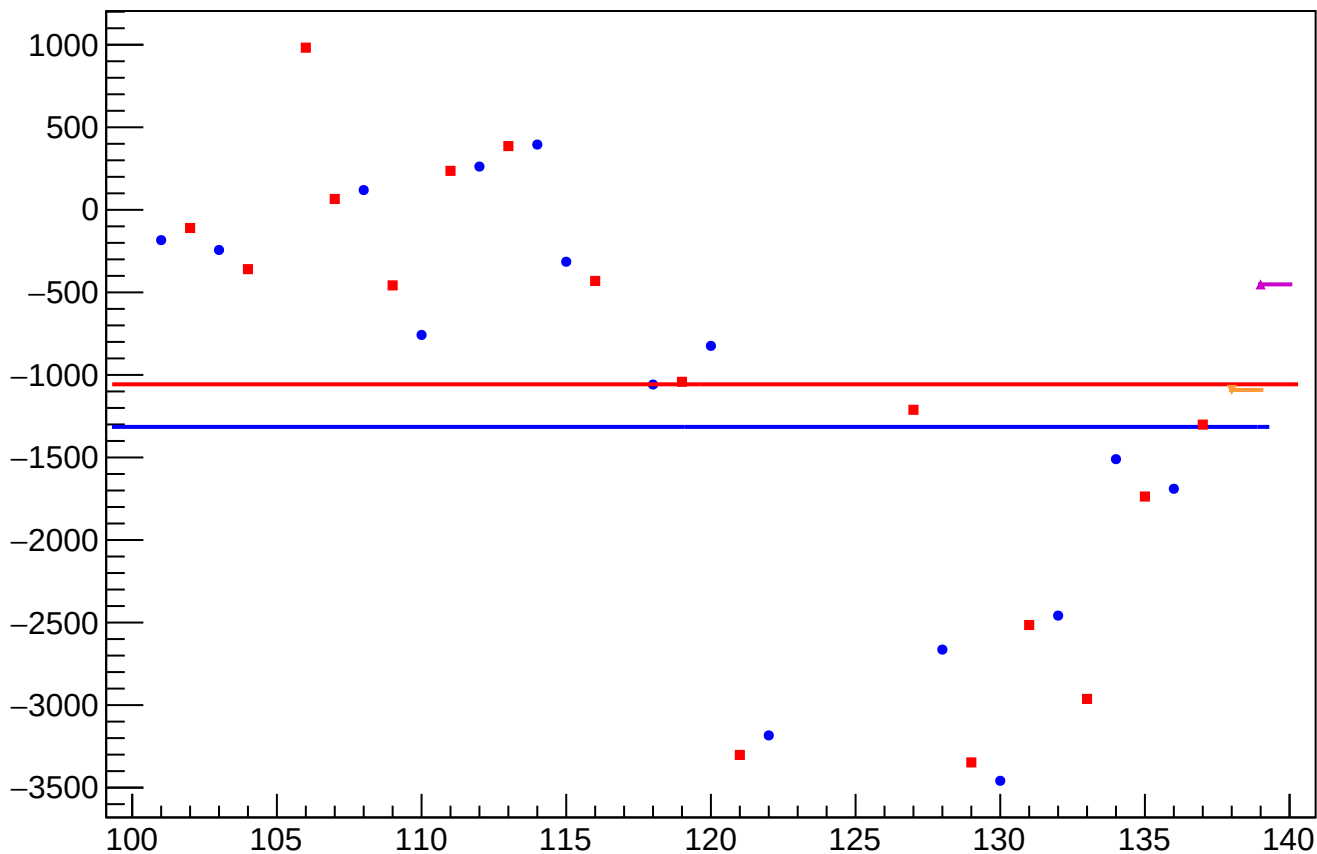
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

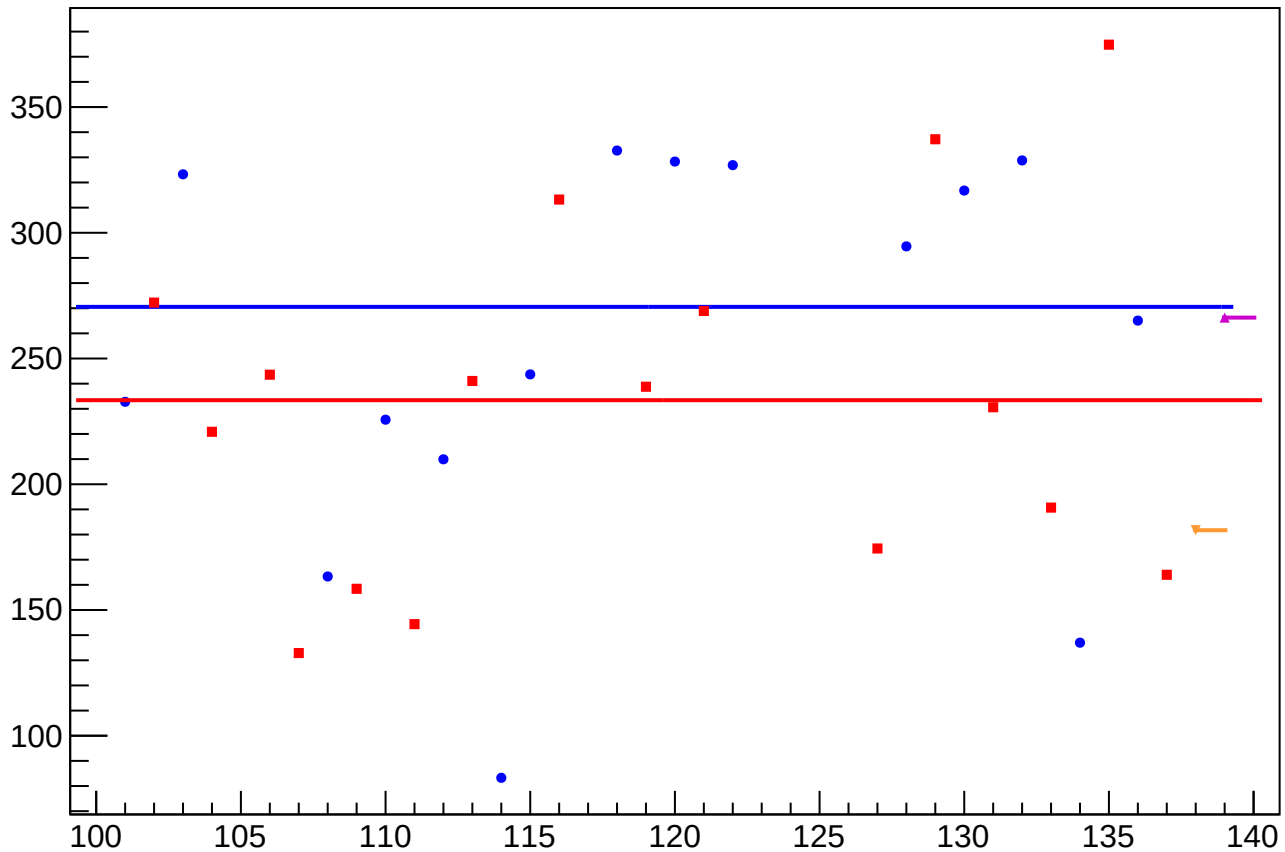
943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_sam5_coil7_mean vs Slug



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



Right In: 270.538+/-0.000 χ^2/NDF : 2473839905347950323907848405170257920.0/14

Left Out: 181.728+/-0.000 χ^2/NDF : 0.0/0

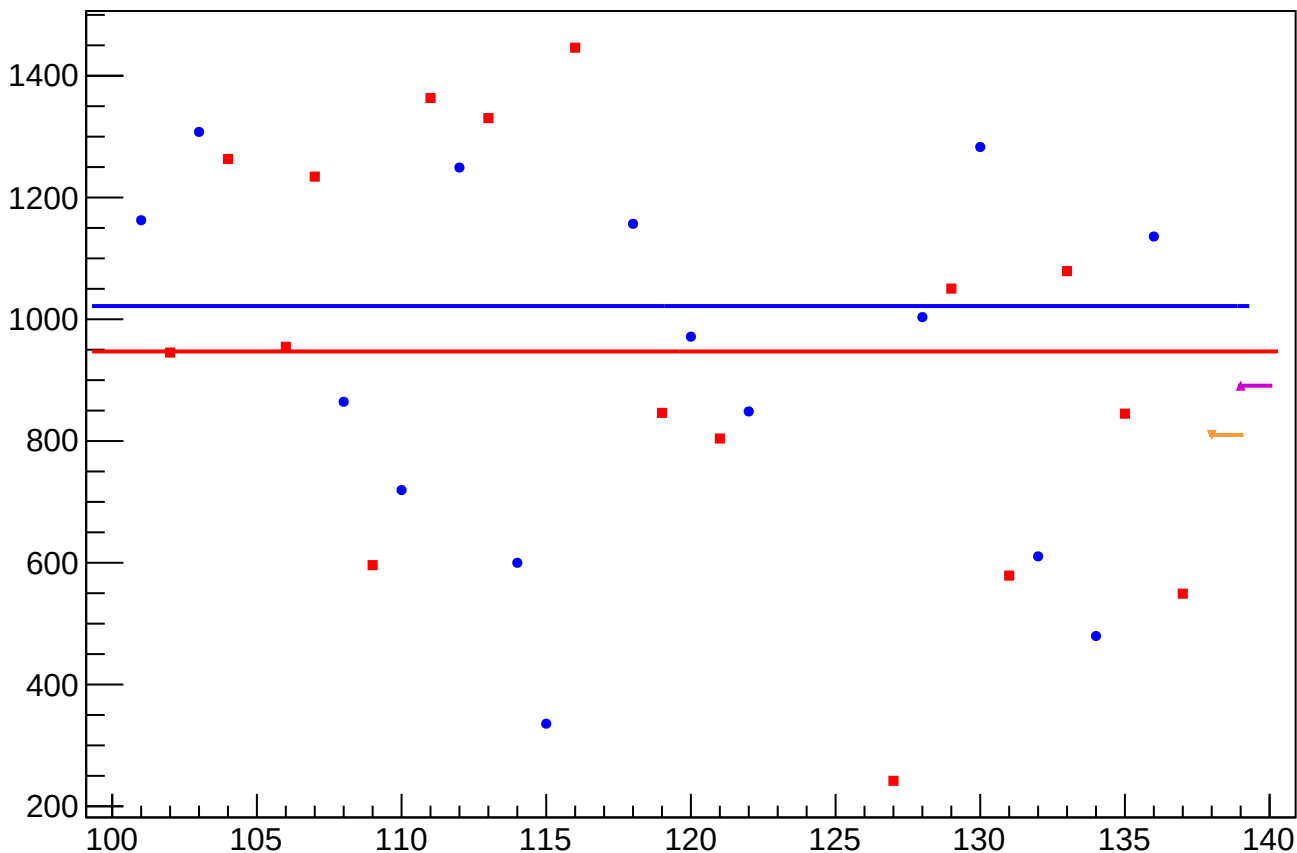
261.010+/-0.000 χ^2/NDF : 30230426497994141

Right Out: 233.421+/-0.000 χ^2/NDF : 3048529087317888615064010247743995904.0/15

235.669+/-0.000 χ^2/NDF : 30977918267518955

Left In: 266.272+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

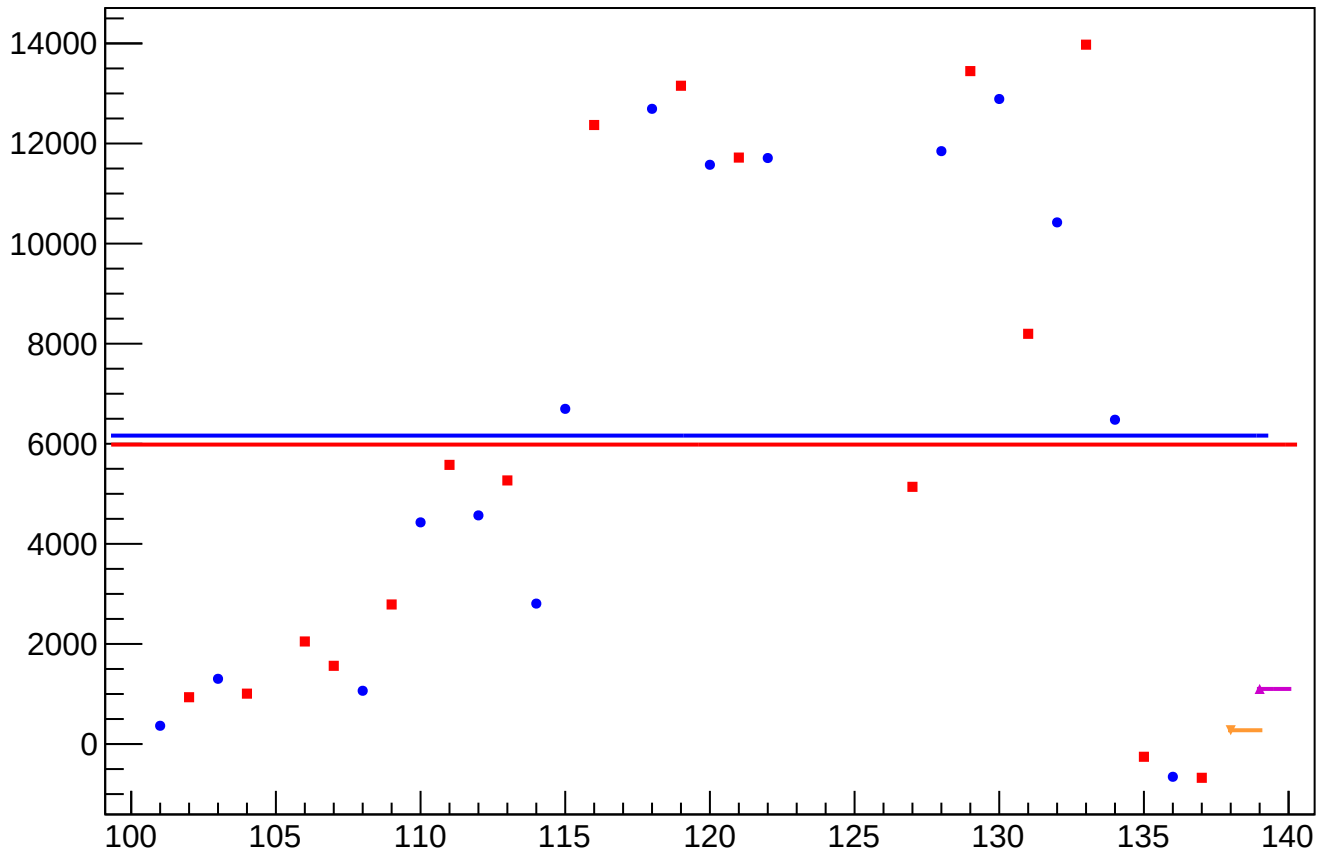
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14

Left Out: 275.653+/-0.000 χ^2/NDF : 252031.6/0

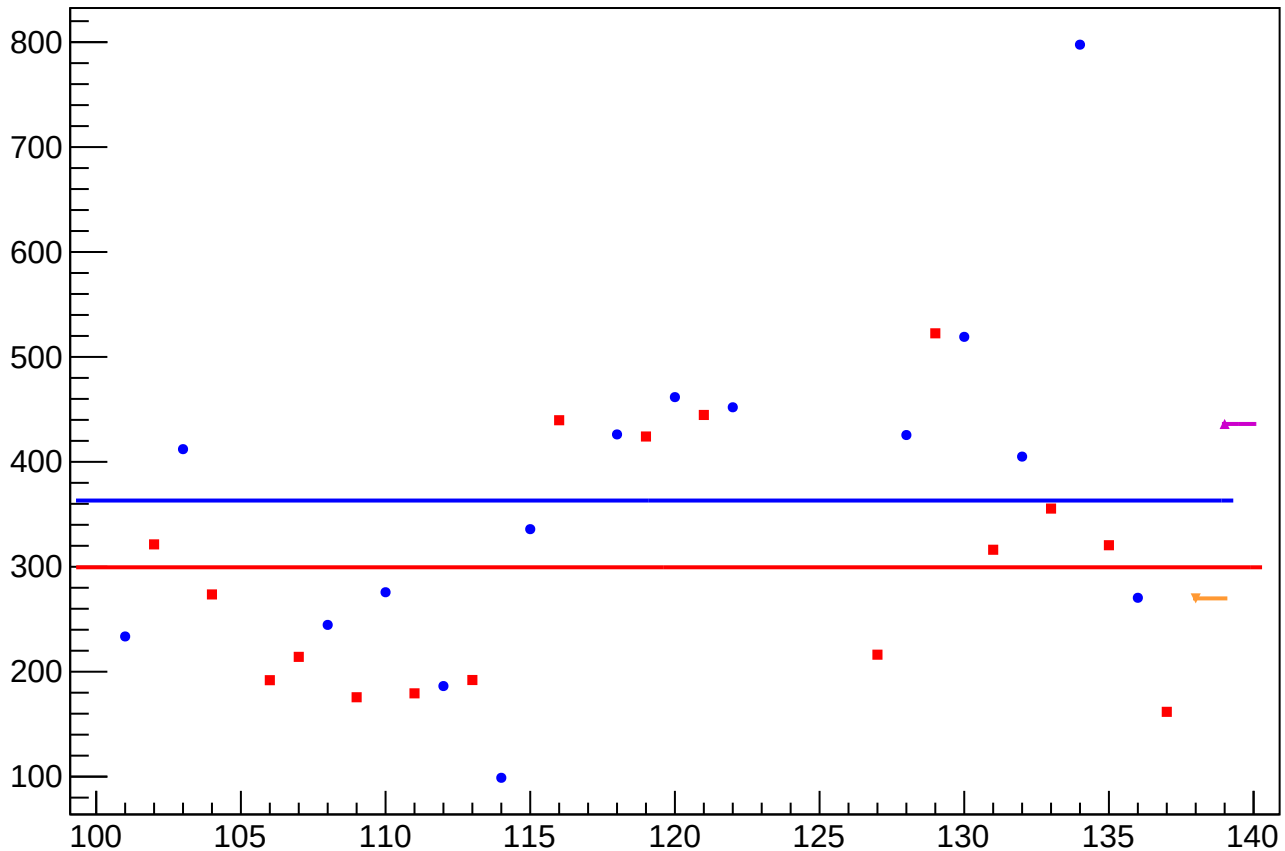
5531.742+/-0.000 χ^2/NDF : 2061446977193212

Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15

5649.720+/-0.000 χ^2/NDF : 1859348542894337

Left In: 1101.103+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 269.865+/-0.000 χ^2/NDF : 0.0/0

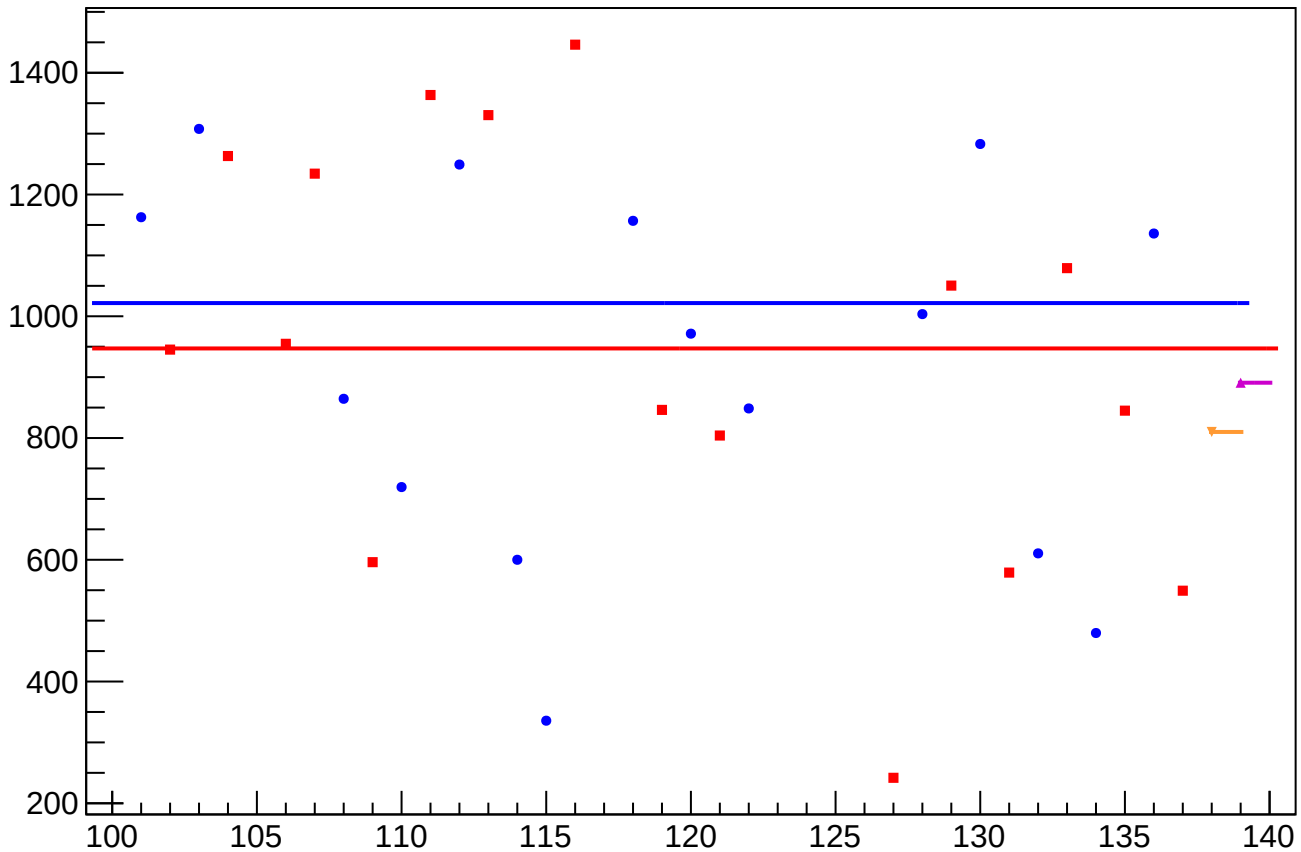
Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: 436.117+/-0.000 χ^2/NDF : 633310.2/0

353.127+/-0.000 χ^2/NDF : 12108506968596833

308.863+/-0.000 χ^2/NDF : 85372742285901569

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

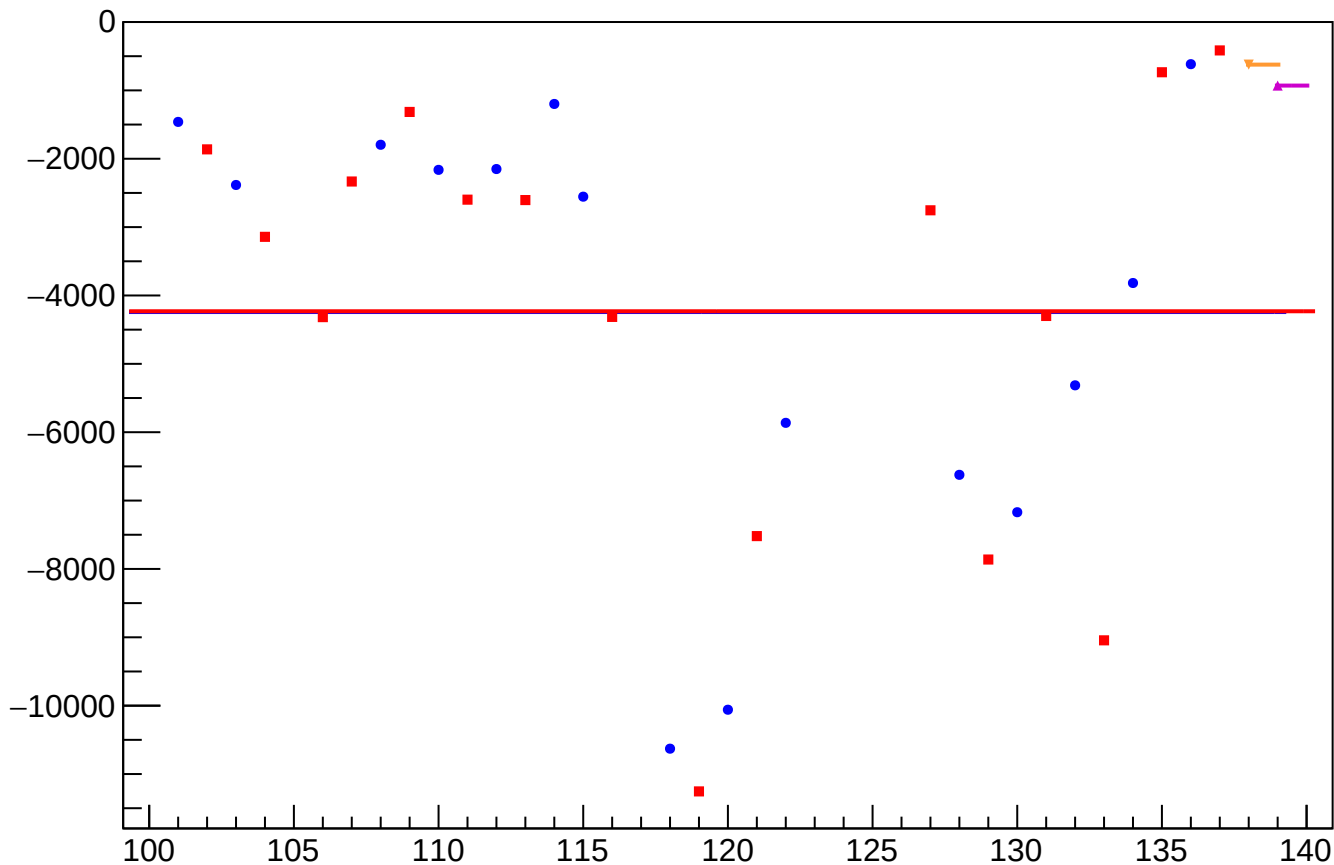
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14

Left Out: -623.180+/-0.000 χ^2/NDF : 1008126.4/0

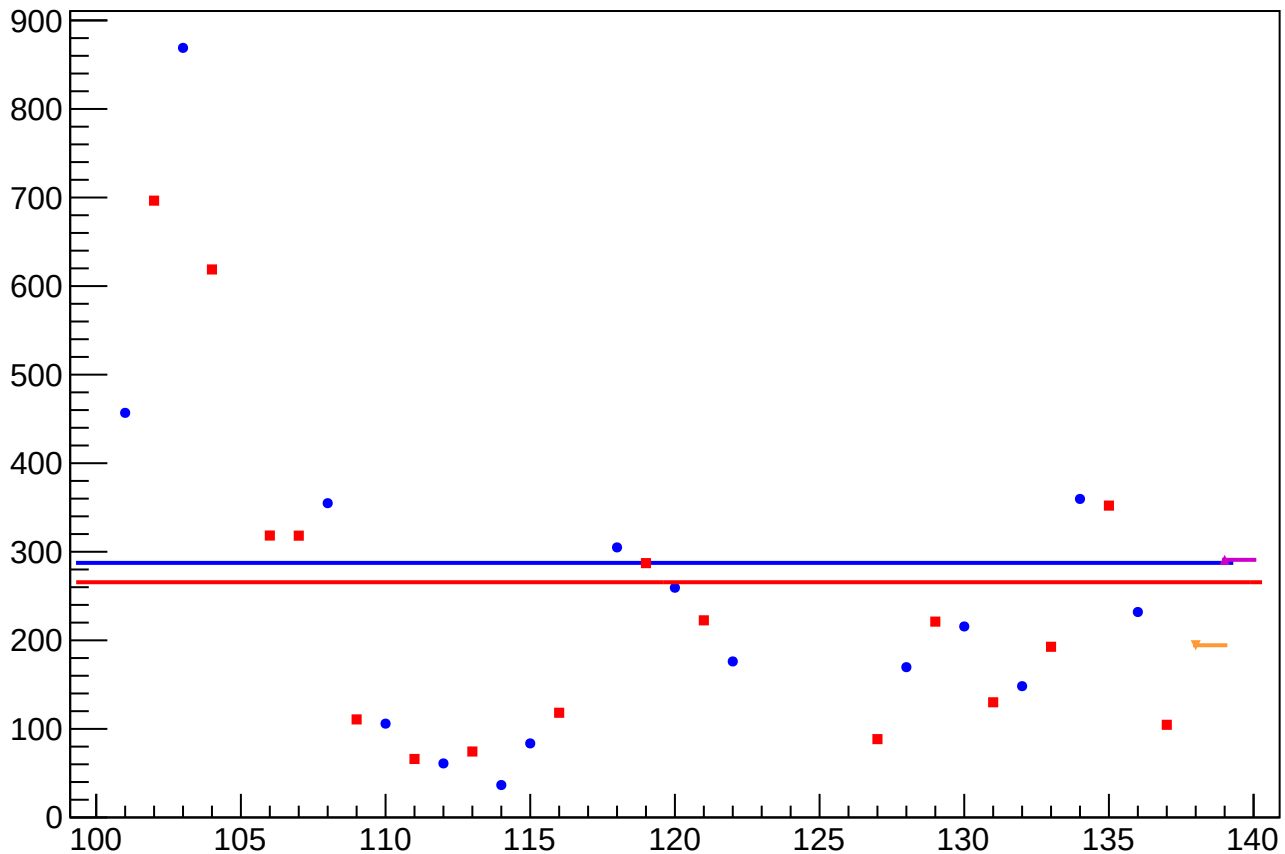
-3853.892+/-0.000 χ^2/NDF : 769544241647961

Right Out: -4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15

-4005.061+/-0.000 χ^2/NDF : 717984905766548

Left In: -929.825+/-0.000 χ^2/NDF : 633310.2/0

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 194.448+/-0.000 χ^2/NDF : 0.0/0

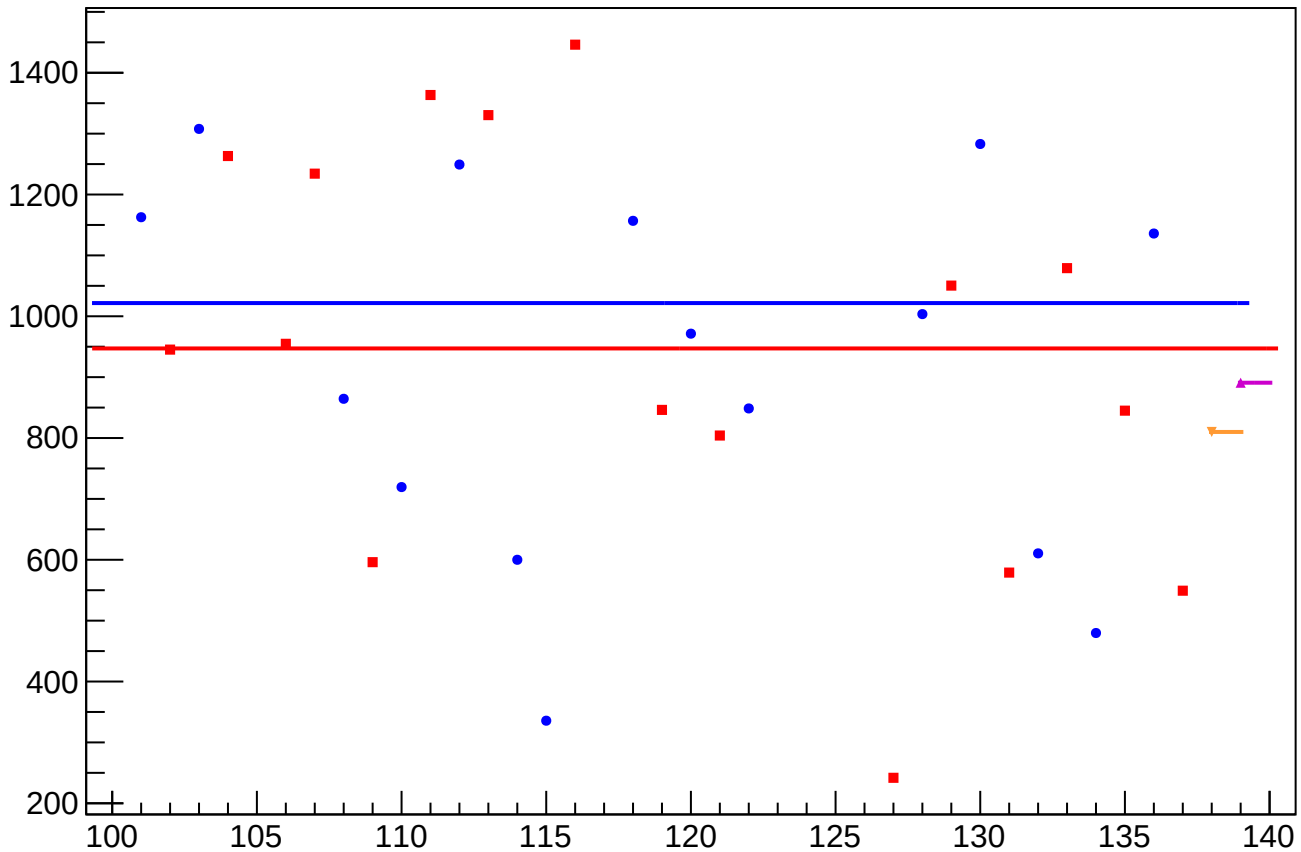
Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

Left In: 290.891+/-0.000 χ^2/NDF : 0.0/0

277.480+/-0.000 χ^2/NDF : 30119441393239264

267.324+/-0.000 χ^2/NDF : 2587247805343464

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

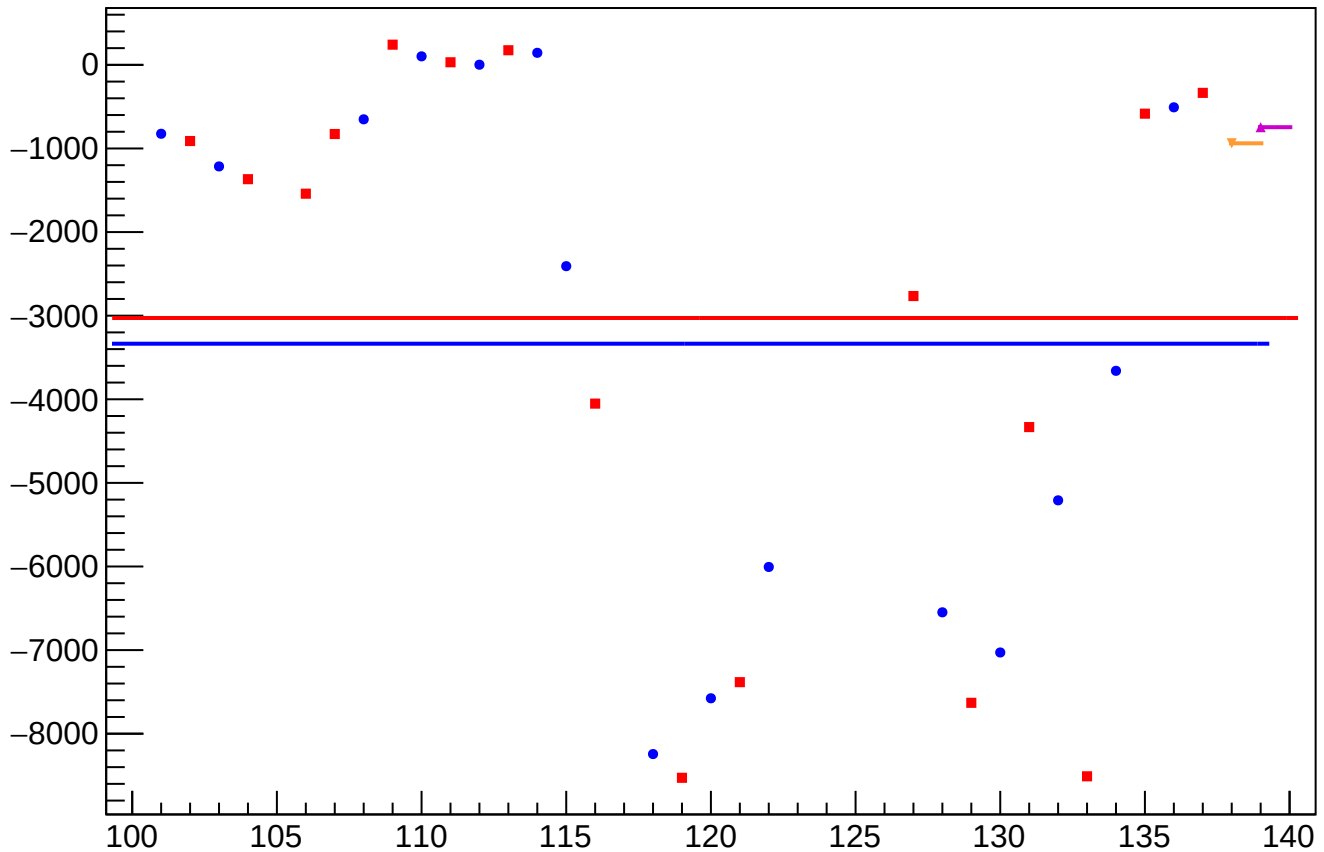
998.970+/-0.000 χ^2/NDF : 43614050609869573

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

943.293+/-0.000 χ^2/NDF : 67929281526204529

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14

Left Out: -938.248+/-0.000 χ^2/NDF :1008126.4/0

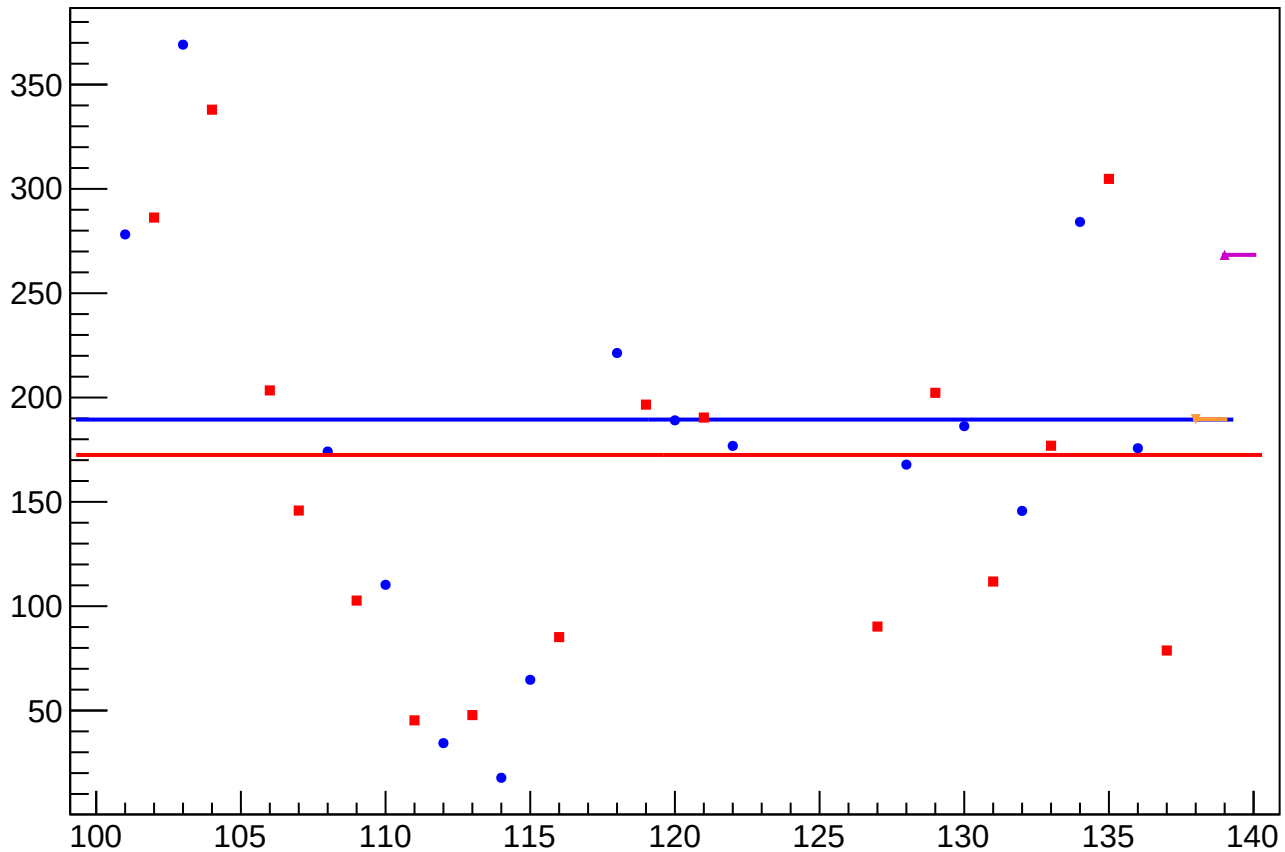
Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15

Left In: -745.472+/-0.000 χ^2/NDF :0.0/0

-3078.095+/-0.000 χ^2/NDF : 673817018243618

-2871.424+/-0.000 χ^2/NDF : 732389049666573

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14

Left Out: 189.641+/-0.000 χ^2/NDF : 0.0/0

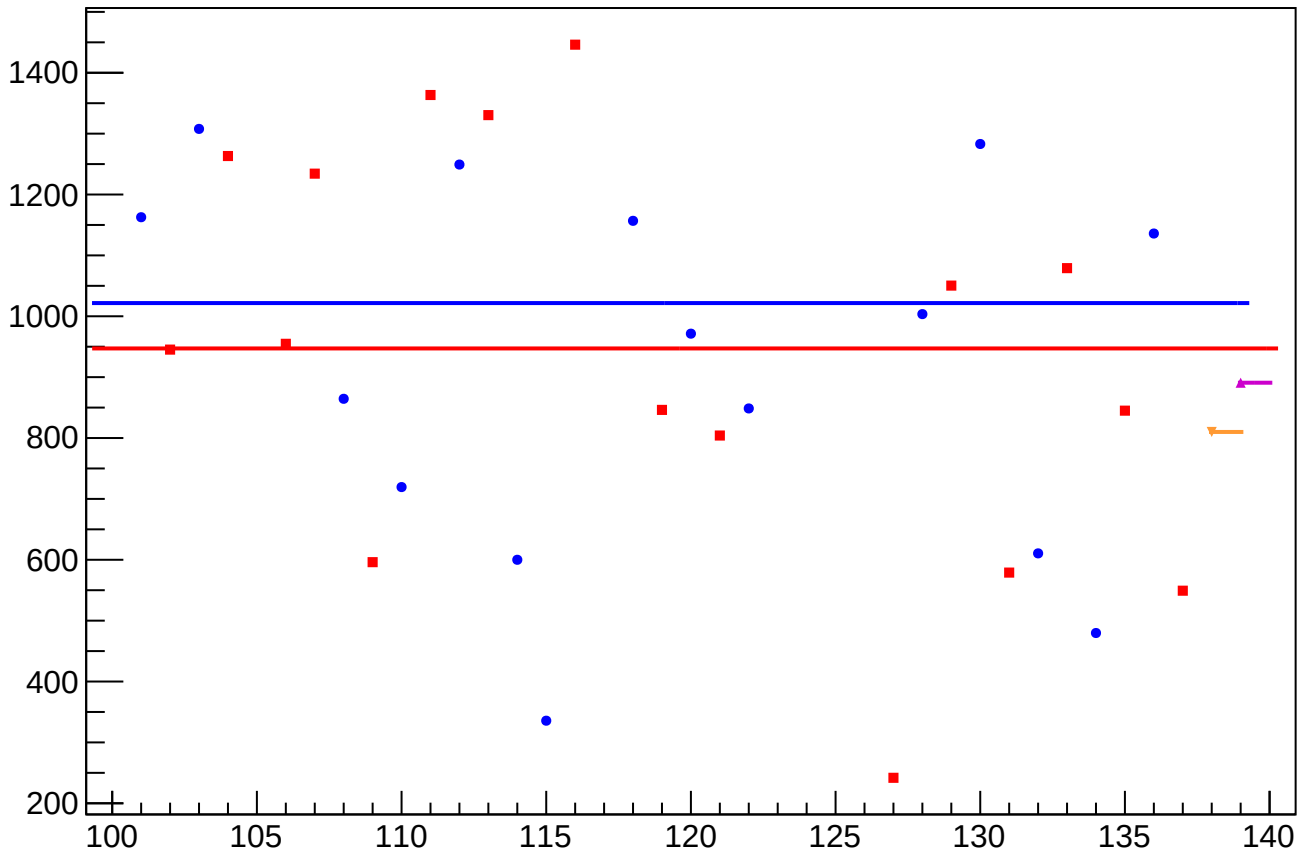
Right Out: 172.485+/-0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15

Left In: 268.377+/-0.000 χ^2/NDF : 0.0/0

189.463+/-0.000 χ^2/NDF : 47072370361431720

179.047+/-0.000 χ^2/NDF : 60145534660092968

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0

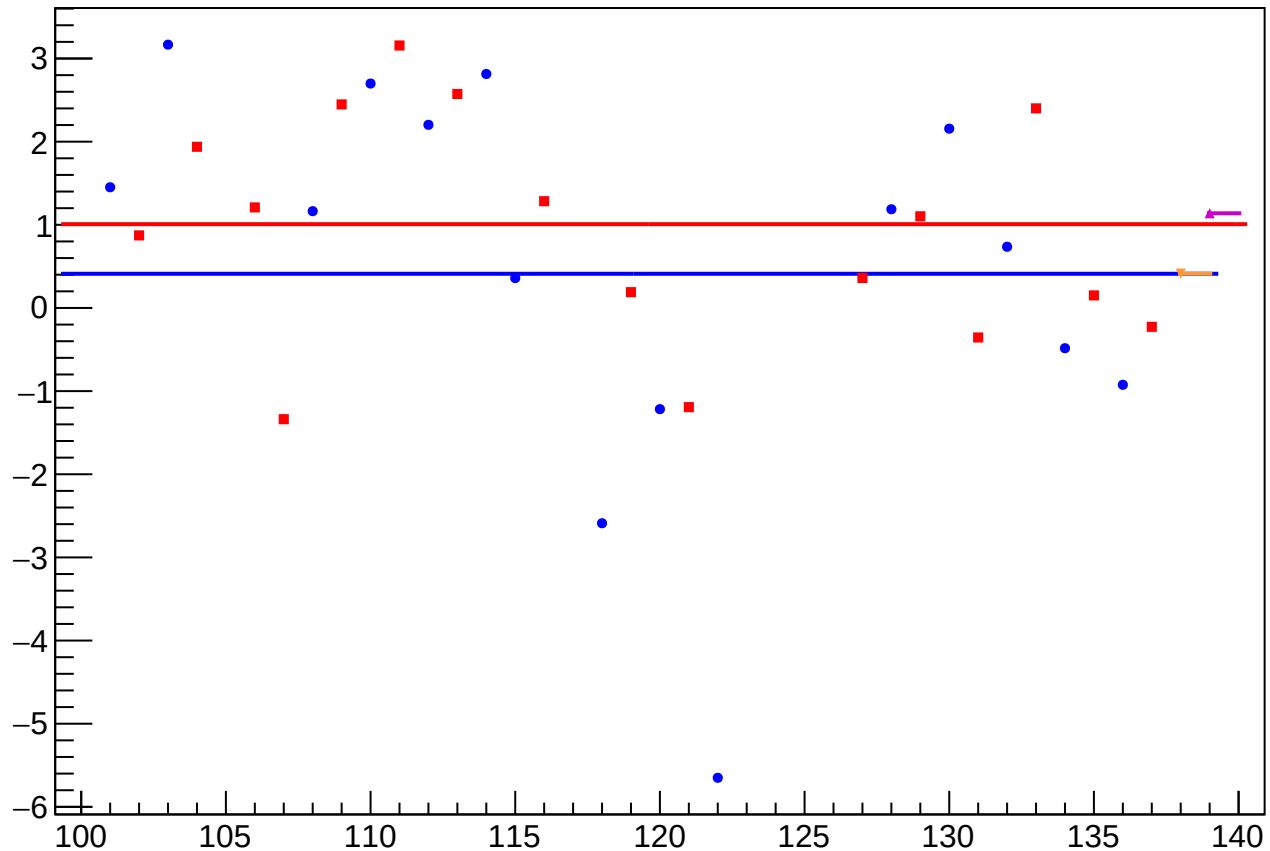
Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 890.857+/-0.000 χ^2/NDF : 0.0/0

998.970+/-0.000 χ^2/NDF : 43614050609869573

943.293+/-0.000 χ^2/NDF : 67929281526204529

dit_4aX_coil4_mean vs Slug



Right In: 0.411 ± 0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14

Left Out: 0.413 ± 0.000 χ^2/NDF : 0.0/0

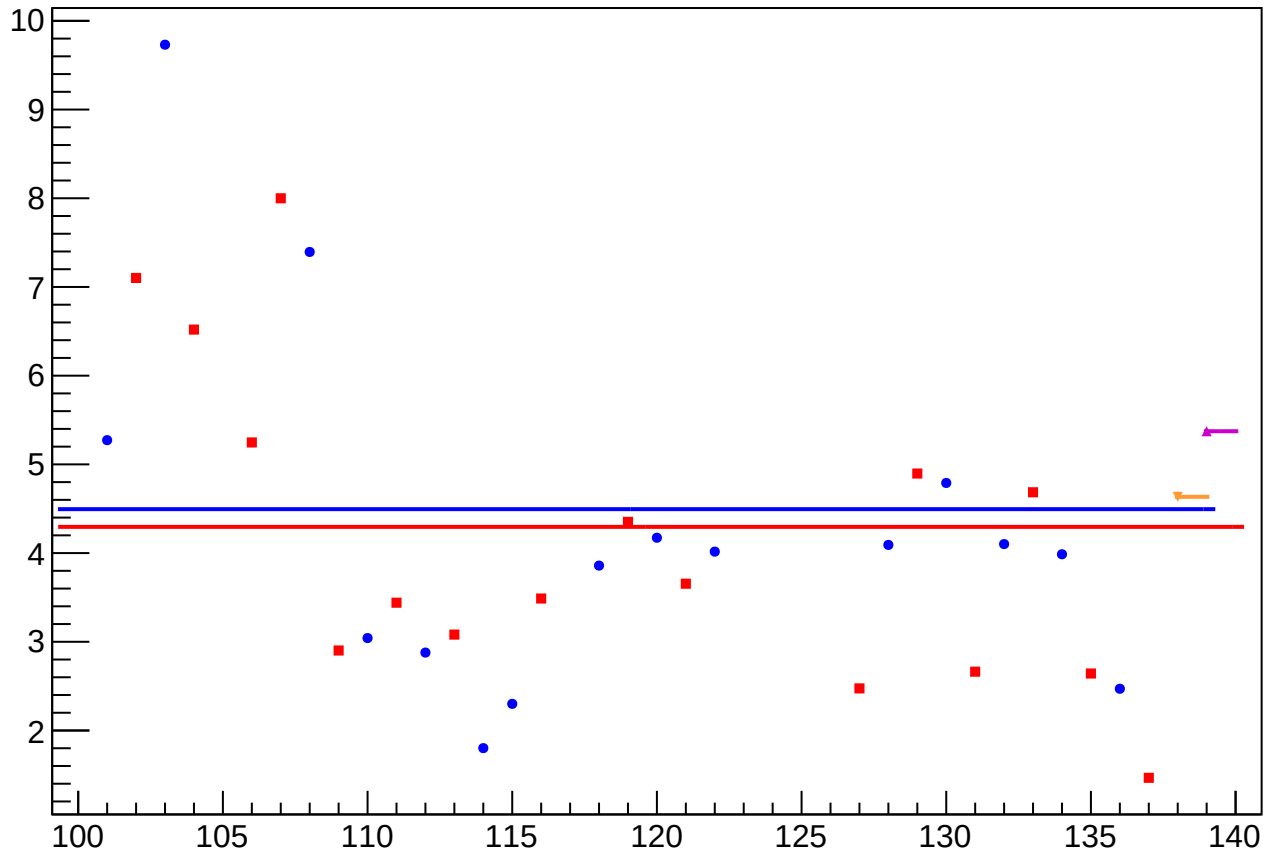
Right Out: 1.008 ± 0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15

Left In: 1.139 ± 0.000 χ^2/NDF : 0.0/0

0.411 ± 0.000 χ^2/NDF : 3385573689466811764

1.017 ± 0.000 χ^2/NDF : 1129182908451310877

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14

Left Out: 4.634+/-0.000 χ^2/NDF : 0.0/0

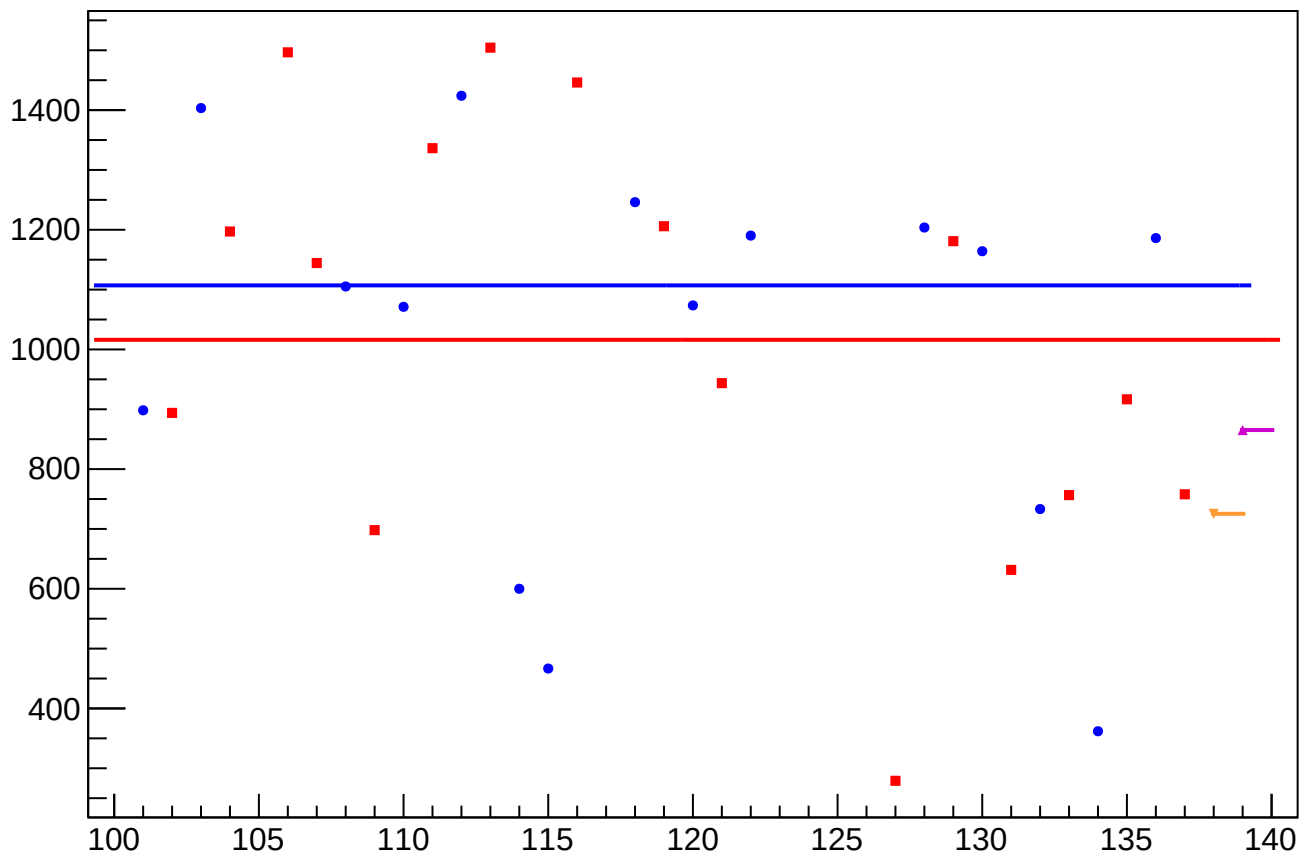
4.510+/-0.000 χ^2/NDF : 2743588872497039860

Right Out: 4.296+/-0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15

4.369+/-0.000 χ^2/NDF : 2064974554095736904

Left In: 5.374+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

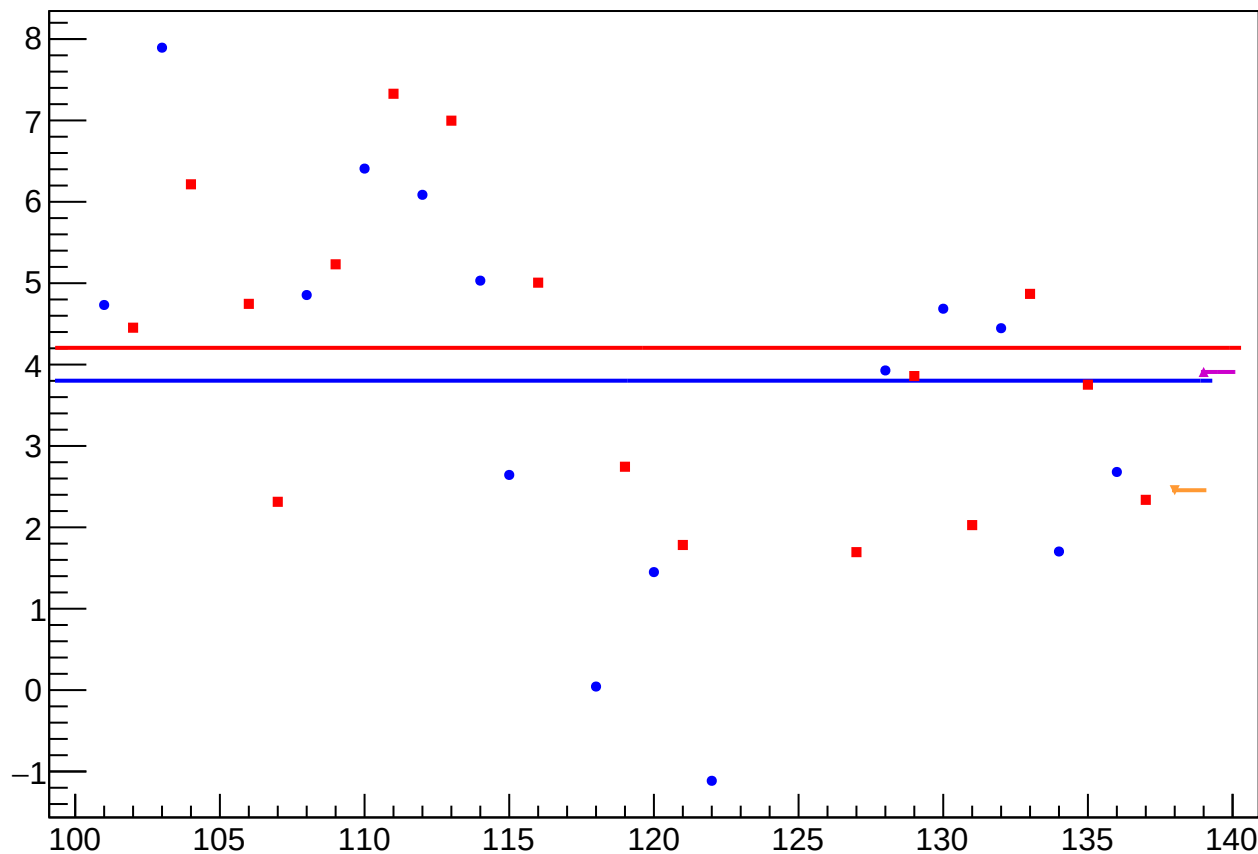
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_4eX_coil4_mean vs Slug



Right In: 3.802 $\pm$ 0.000 χ^2 /NDF: 3795476074398338930564700657680384.0/14

Left Out: 2.456 $\pm$ 0.000 χ^2 /NDF:15.4/0

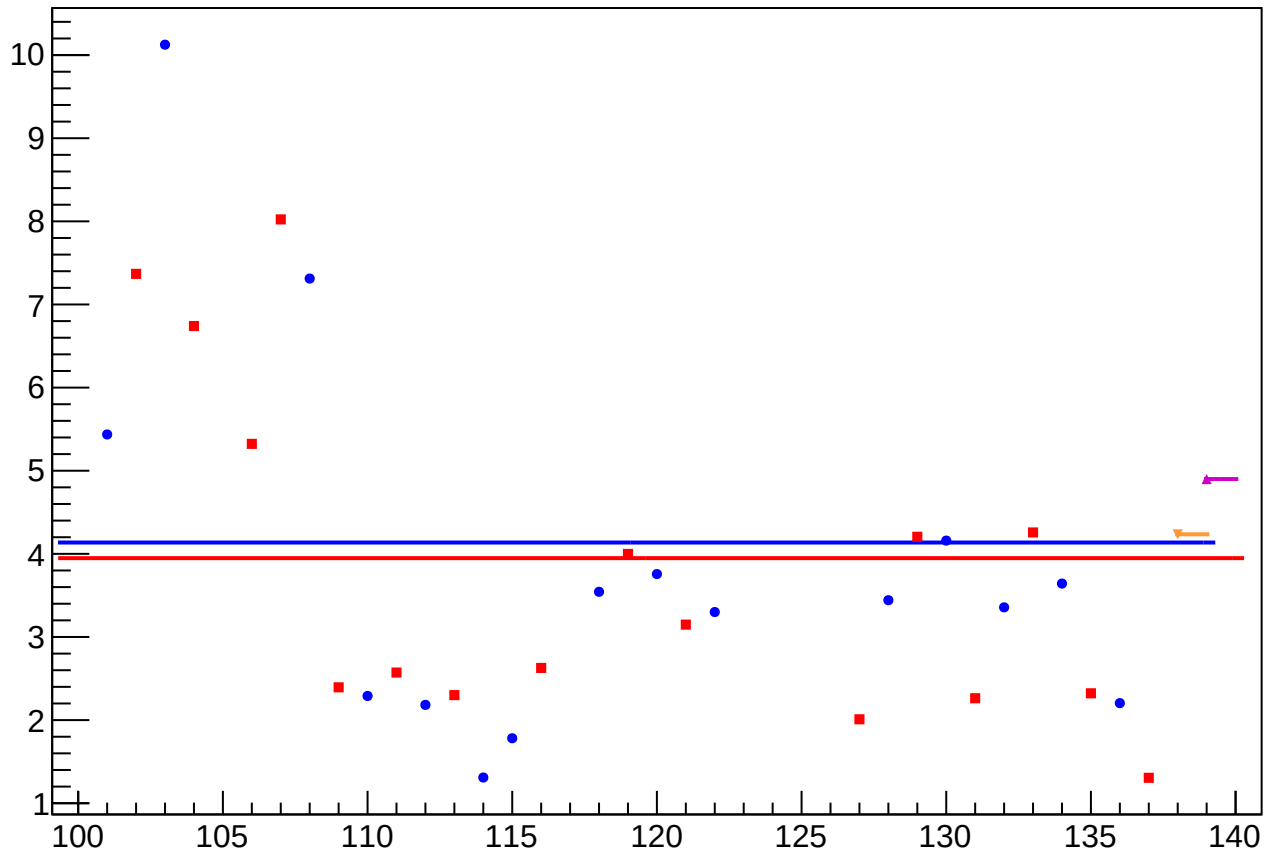
Right Out: 4.206 $\pm$ 0.000 χ^2 /NDF: 2096427813341454573332265183477760.0/15

Left In: 3.909 $\pm$ 0.000 χ^2 /NDF:0.0/0

3.658 $\pm$ 0.000 χ^2 /NDF: 3921623349905922896

4.185 $\pm$ 0.000 χ^2 /NDF: 2100441063514382756

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14

Left Out: 4.235+/-0.000 χ^2/NDF : 61.5/0

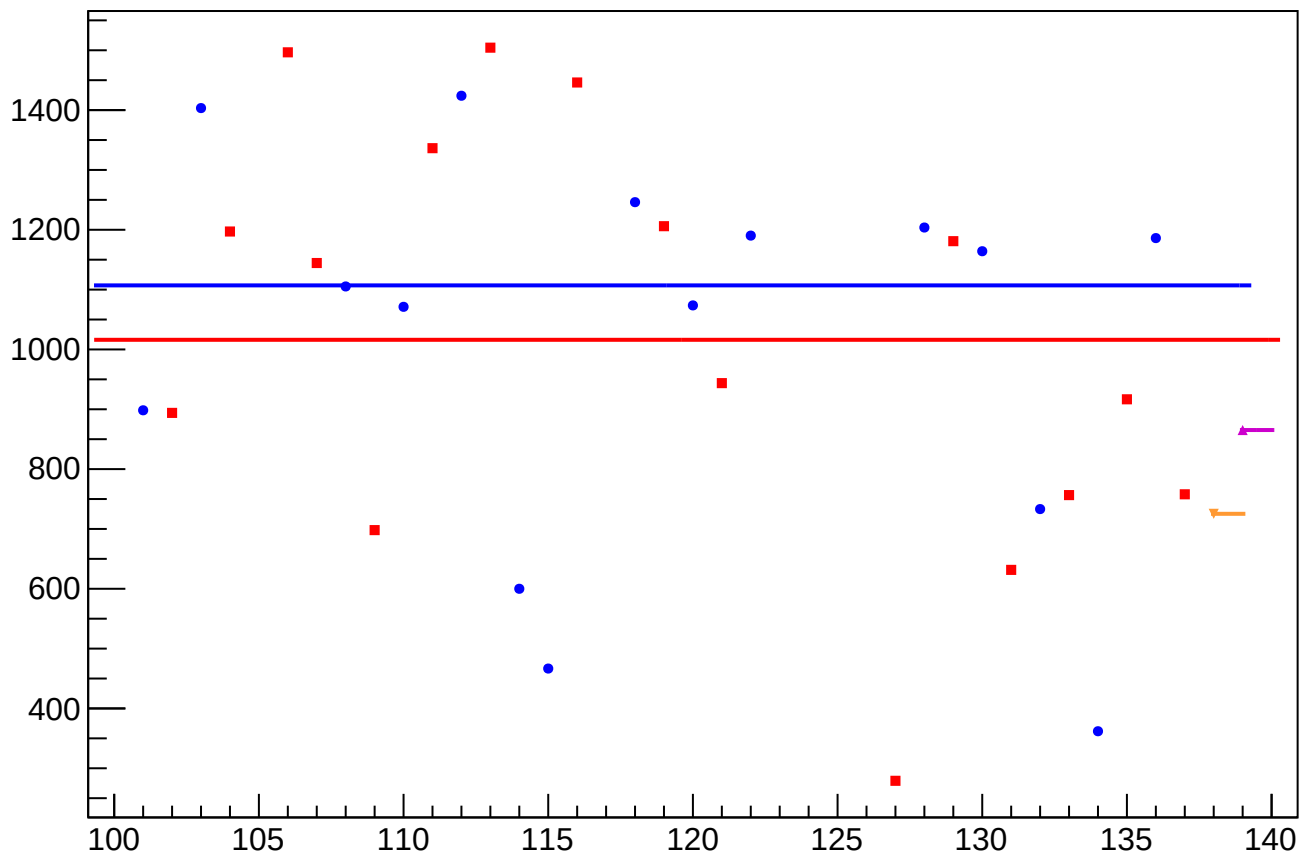
4.147+/-0.000 χ^2/NDF : 3508279214550174905

Right Out: 3.948+/-0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15

4.014+/-0.000 χ^2/NDF : 2711506848598747344

Left In: 4.900+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

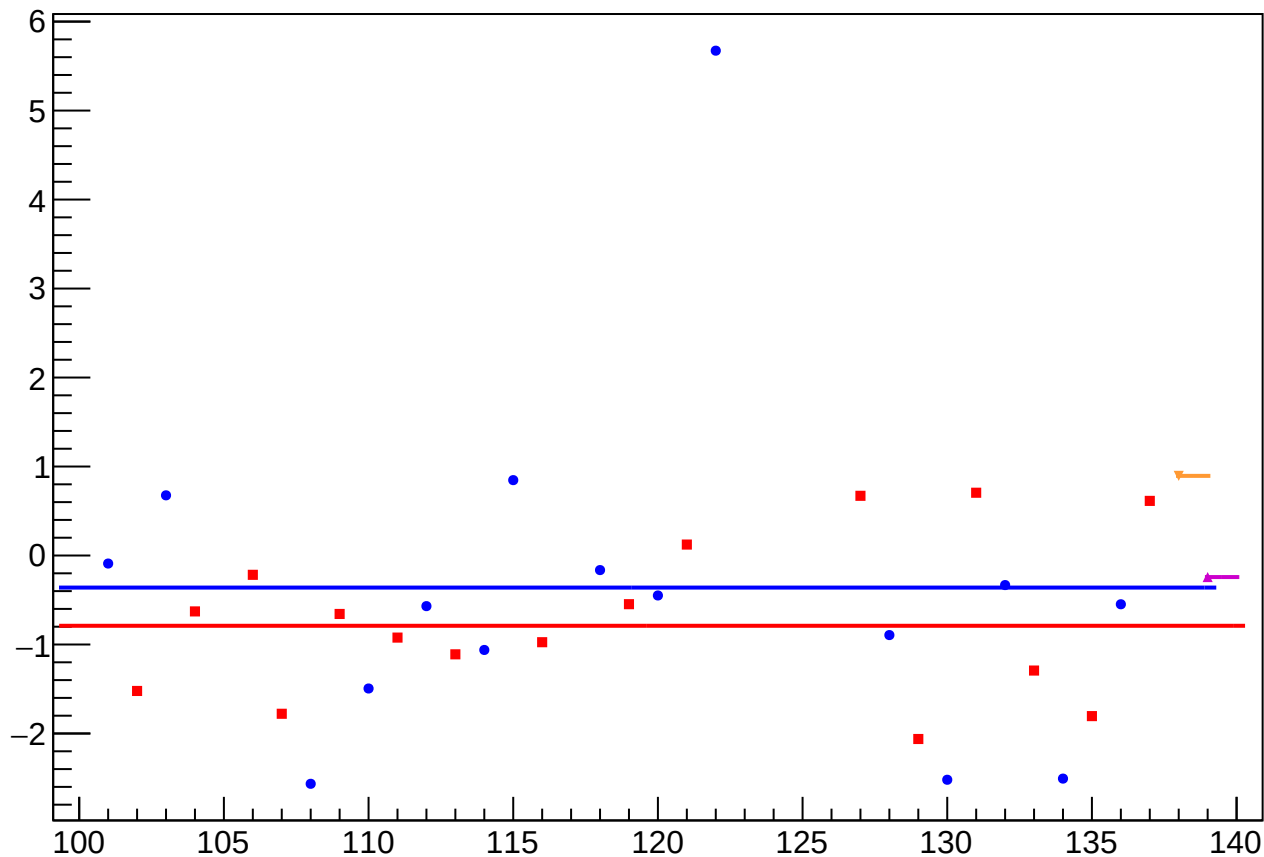
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: 0.895+/-0.000 χ^2/NDF : 0.0/0

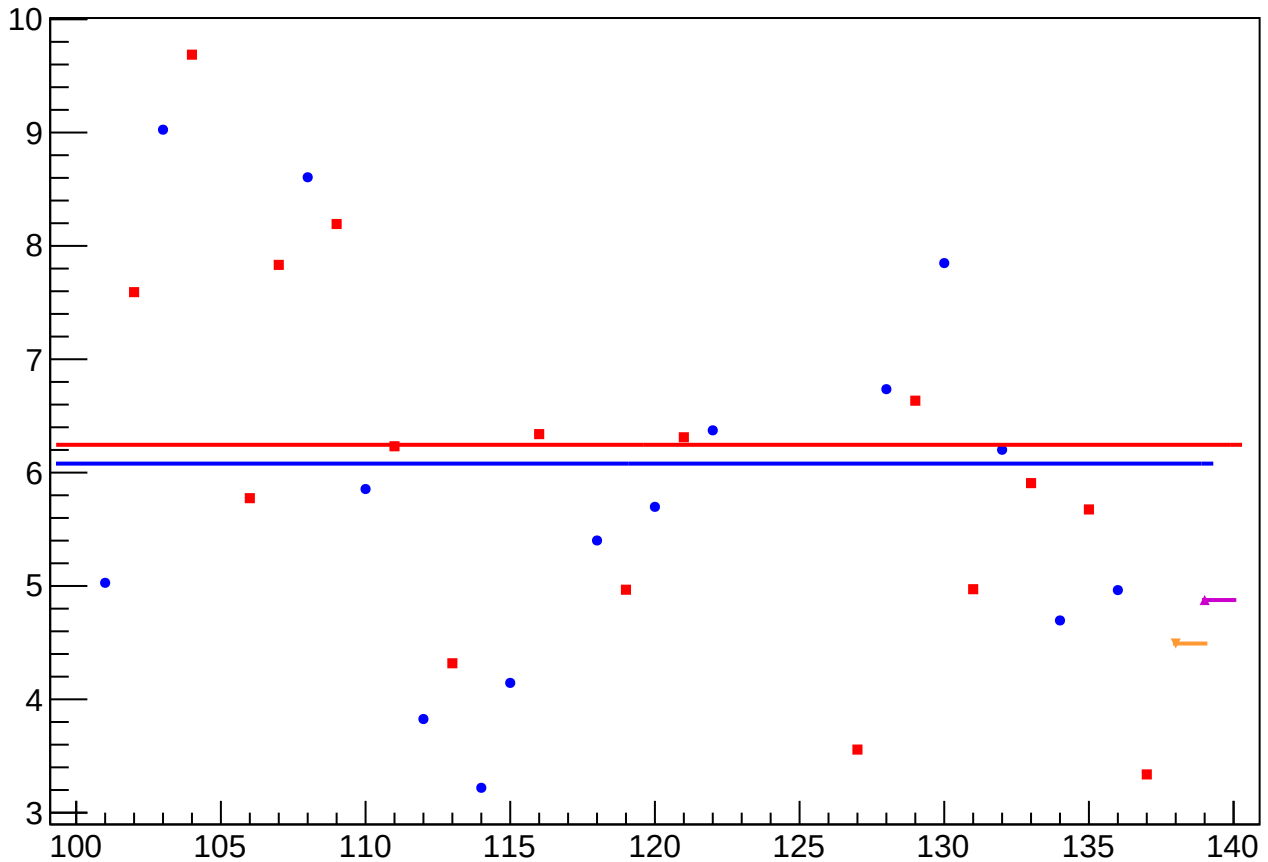
Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.242+/-0.000 χ^2/NDF : 0.0/0

-0.226+/-0.000 χ^2/NDF : 228997245327138618

-0.752+/-0.000 χ^2/NDF : 476762207636430594

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 4.492+/-0.000 χ^2/NDF : 61.5/0

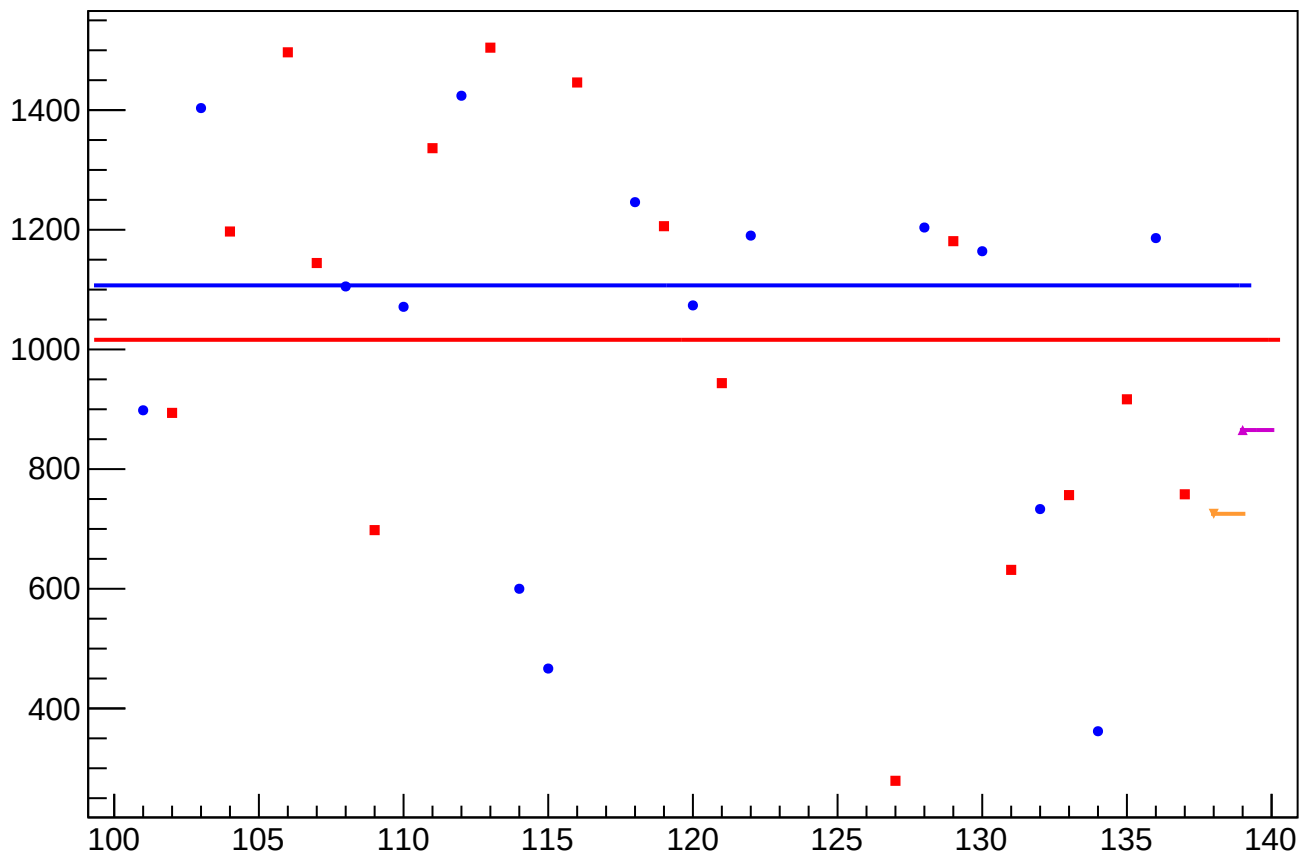
5.909+/-0.000 χ^2/NDF : 1765700427937304125

Right Out: 6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15

6.152+/-0.000 χ^2/NDF : 1902127818341287825

Left In: 4.876+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

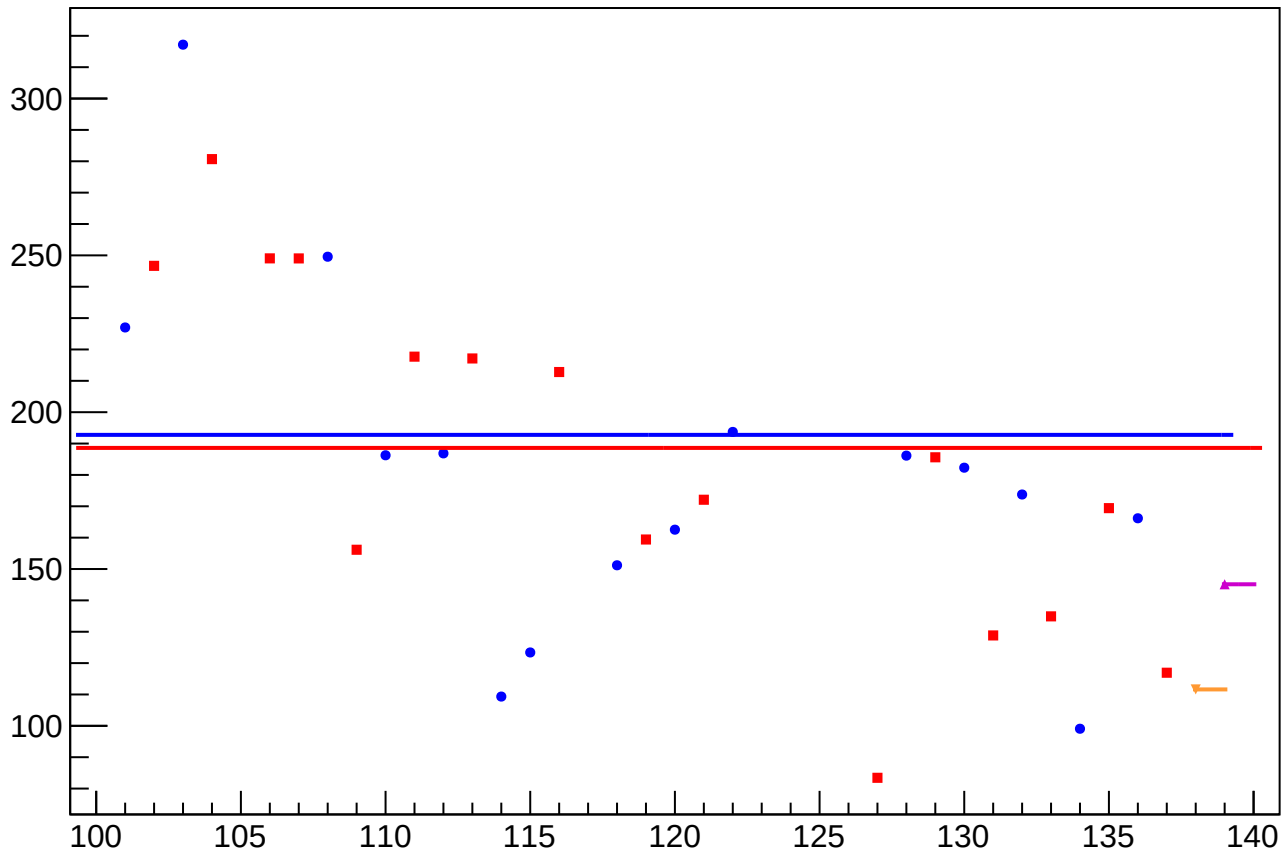
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

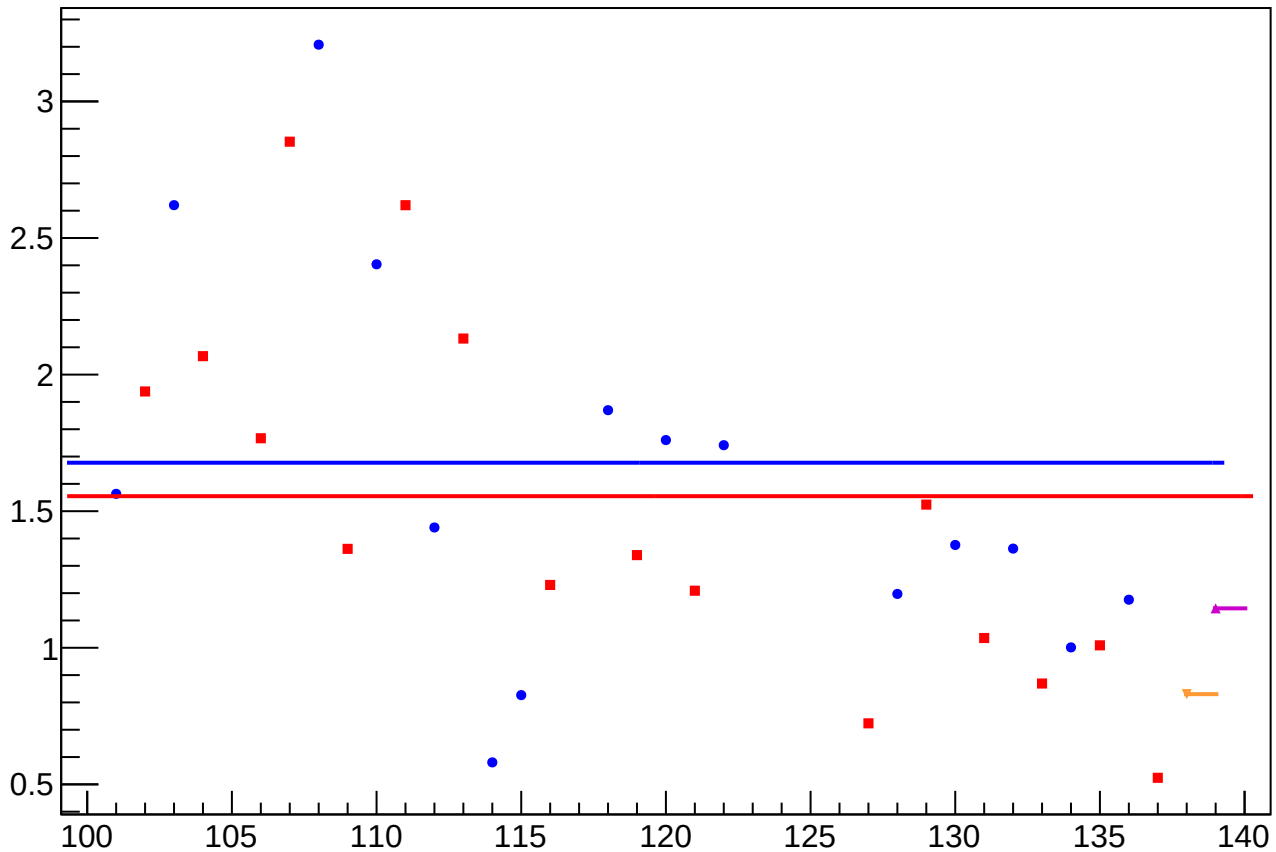
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_4aY_coil4_mean vs Slug



Right In: 192.771 $\pm$ 0.000 χ^2 /NDF: 1640576279746948433391816936236515328.0/14
 Left Out: 111.610 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 188.612 $\pm$ 0.000 χ^2 /NDF: 1922342257287674563344204730019610624.0/15
 Left In: 145.134 $\pm$ 0.000 χ^2 /NDF: 39581.9/0

dit_4aY_coil4_err_mean vs Slug



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

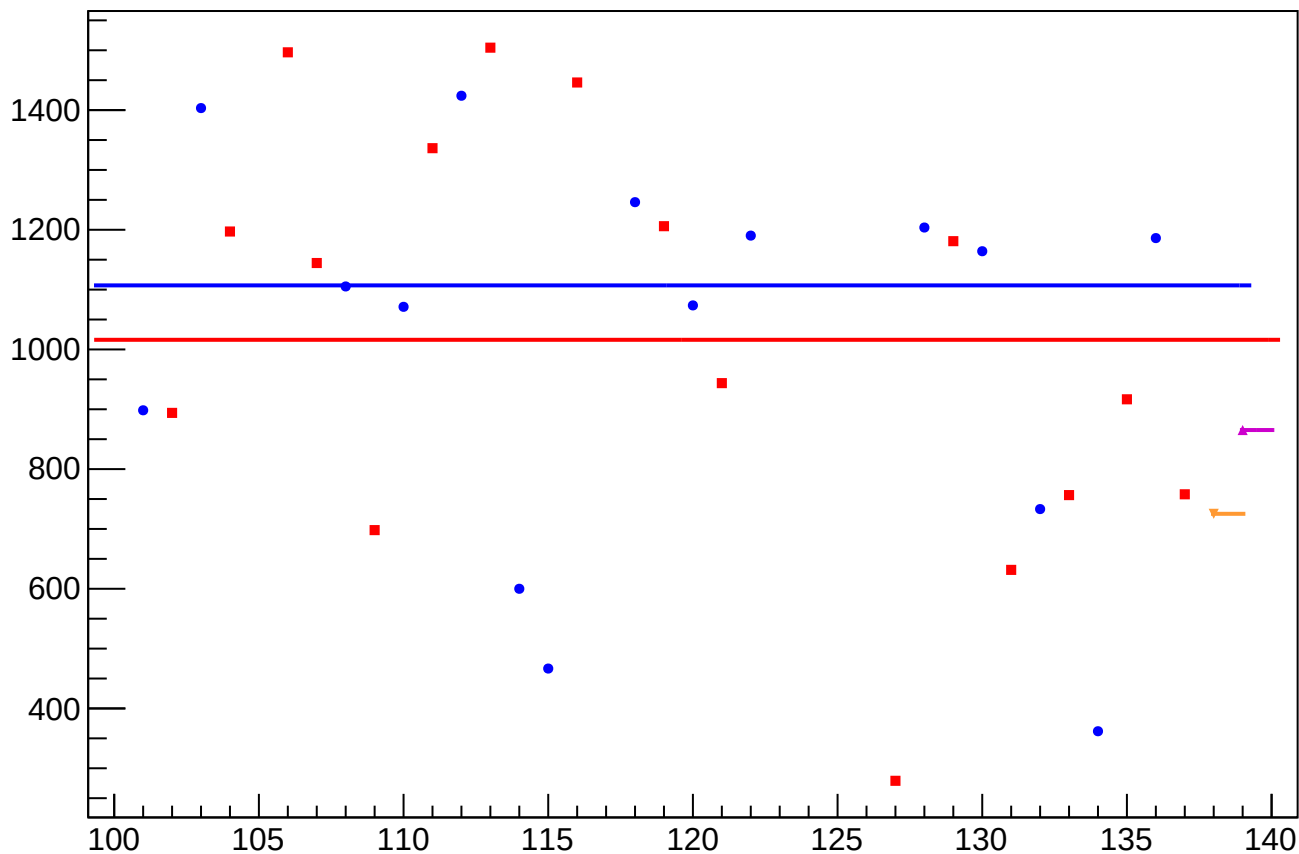
Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

Left In: 1.144 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.587 $\pm$ 0.000 χ^2 /NDF: 2918534231948863309

1.527 $\pm$ 0.000 χ^2 /NDF: 2633438006845976386

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

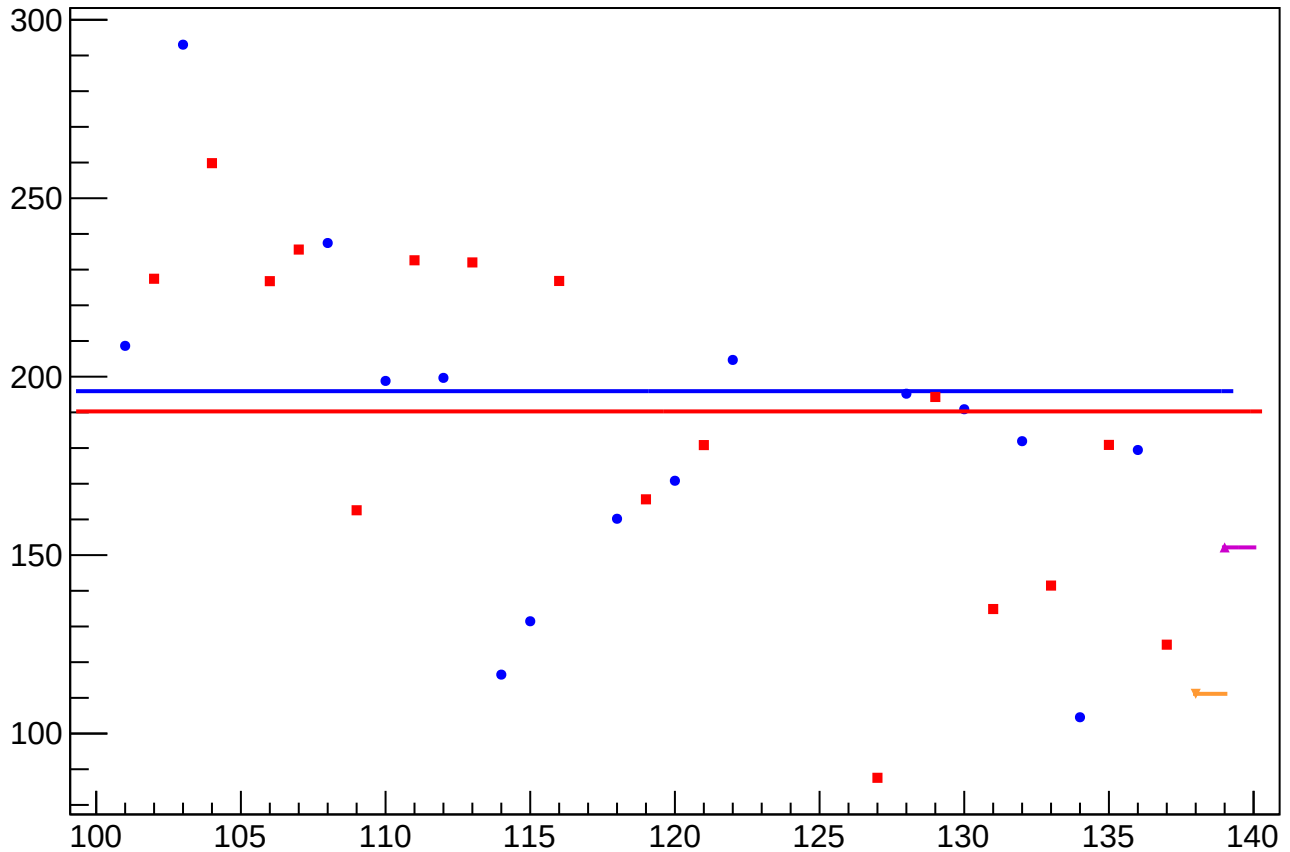
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

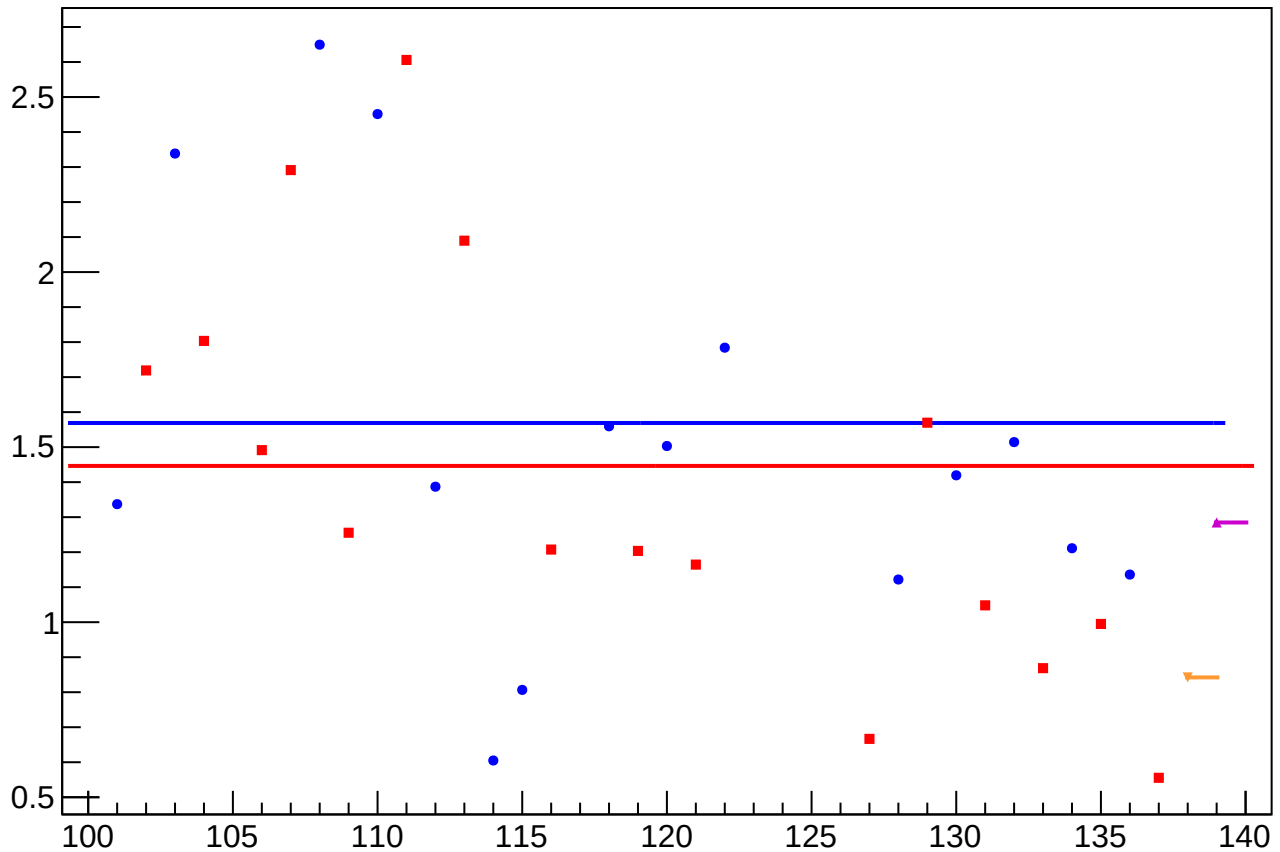
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_4eY_coil4_mean vs Slug



Right In: 195.940 ± 0.000 $\chi^2/\text{NDF}: 1057891079869089572370479093183938560.0/14$
 Left Out: 111.131 ± 0.000 $\chi^2/\text{NDF}: 15752.0/0$ 186.841 ± 0.000 $\chi^2/\text{NDF}: 15587206406161135$
 Right Out: 190.268 ± 0.000 $\chi^2/\text{NDF}: 1468473073667973330267084234323656704.0/15$
 Left In: 152.163 ± 0.000 $\chi^2/\text{NDF}: 39581.9/0$ 187.660 ± 0.000 $\chi^2/\text{NDF}: 15347513215139454$

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 0.842+/-0.000 χ^2/NDF : 0.0/0

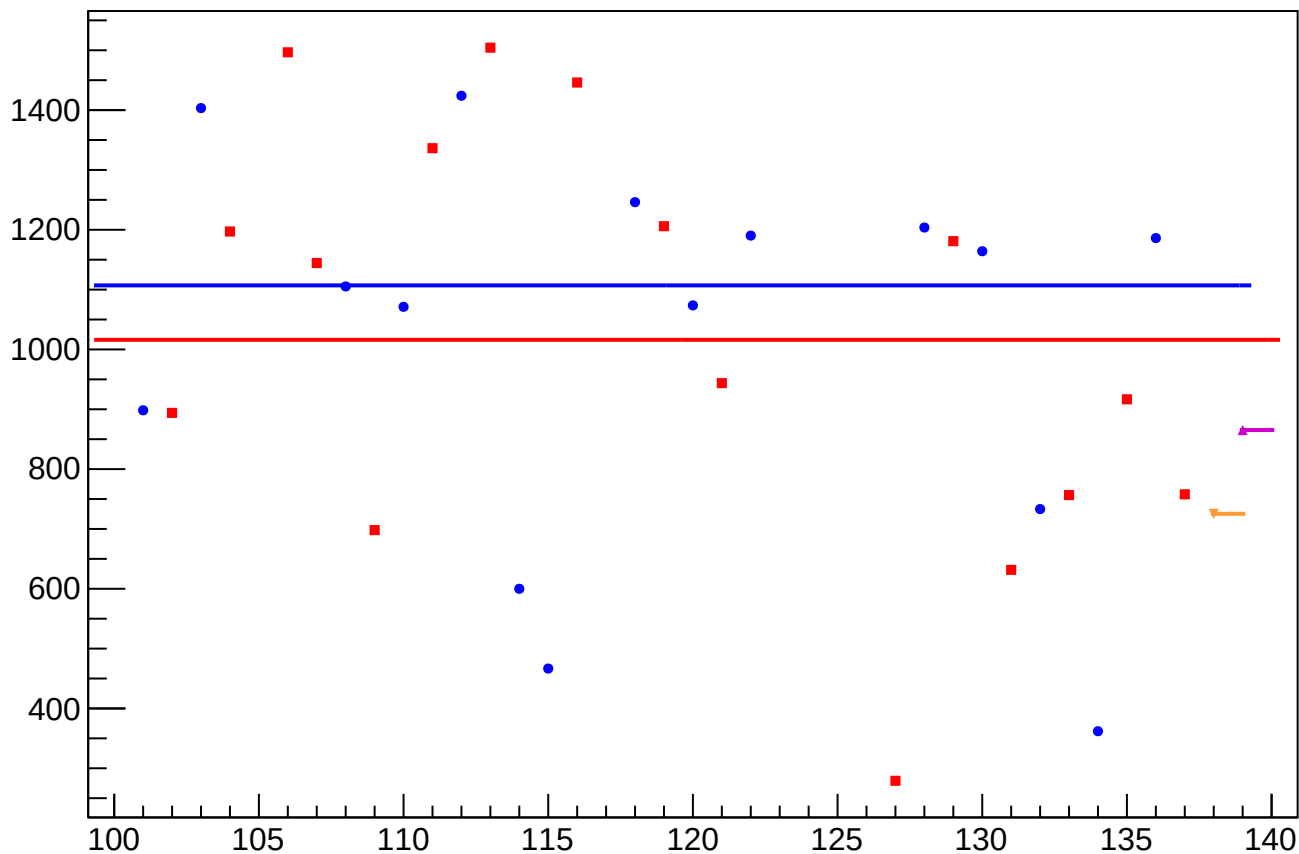
Right Out: 1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

Left In: 1.285+/-0.000 χ^2/NDF : 2.4/0

1.491+/-0.000 χ^2/NDF : 1996241525295869340

1.435+/-0.000 χ^2/NDF : 1974879802069462914

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

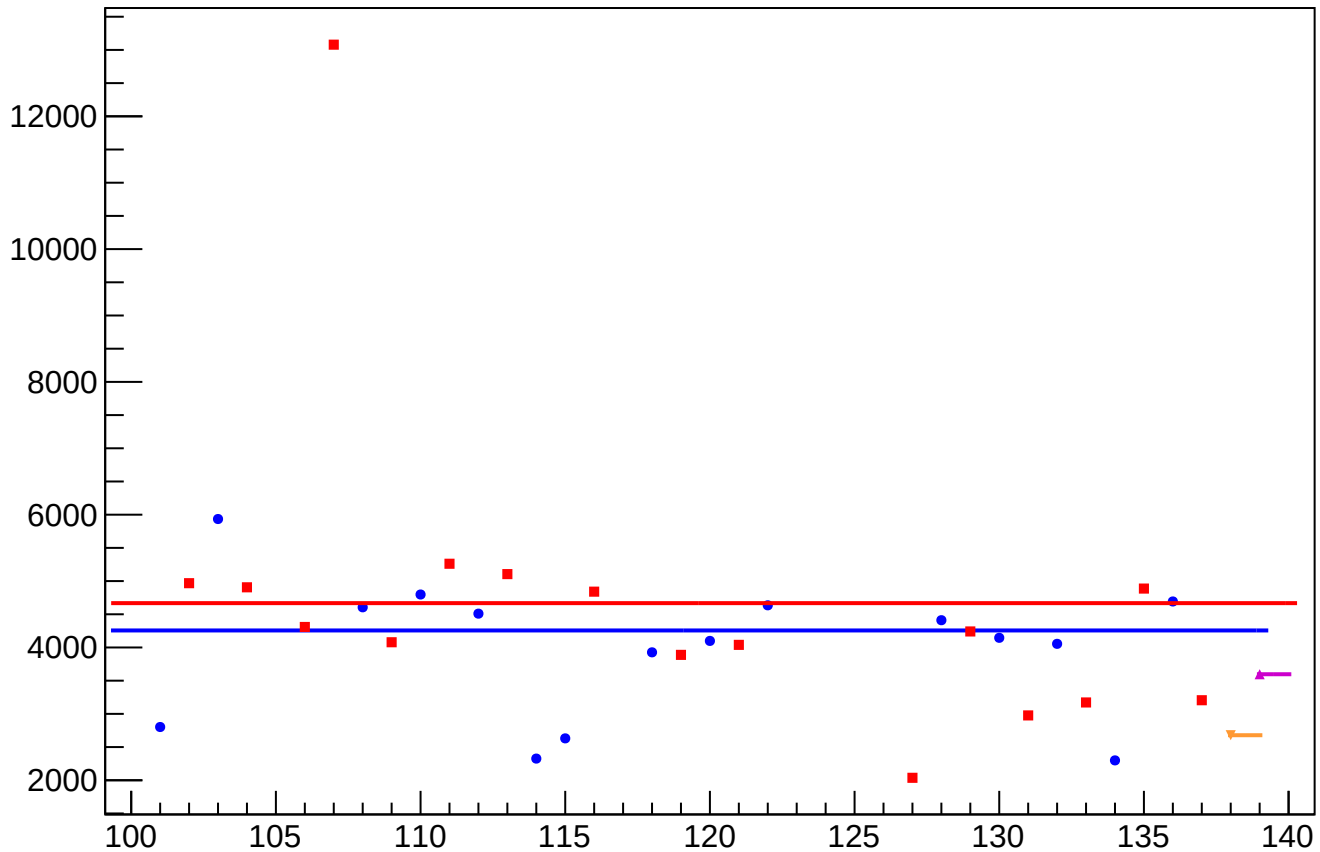
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

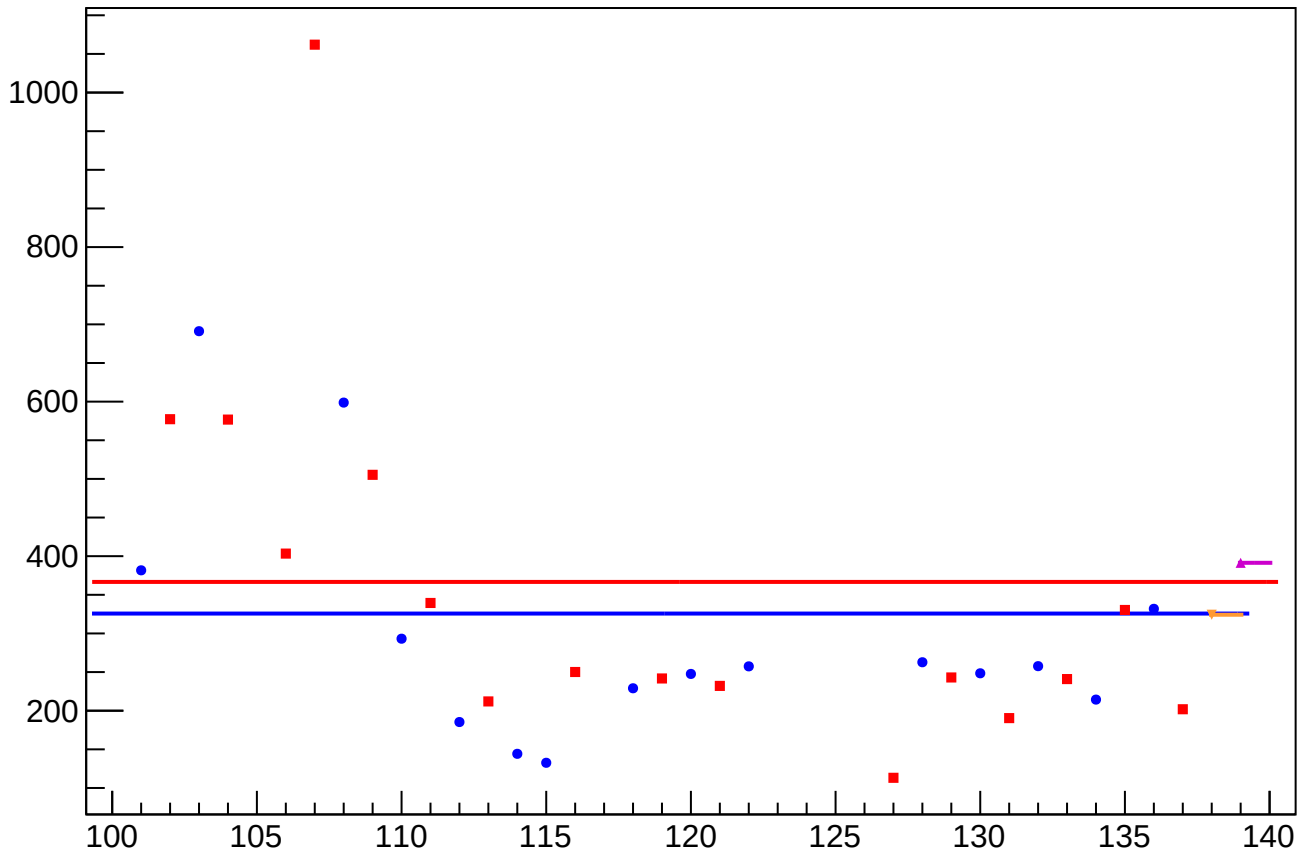
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_usl_coil4_mean vs Slug



Right In: 4256.386 ± 0.000 $\chi^2/NDF: 498605412551624859672454954159576186880.0/14$
 Left Out: 2678.490 ± 0.000 $\chi^2/NDF: 0.0/0$
 Right Out: 4667.832 ± 0.000 $\chi^2/NDF: 3201925535782807450320951772159309512704.0/15$
 Left In: 3596.916 ± 0.000 $\chi^2/NDF: 0.0/0$

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 324.211+/-0.000 χ^2/NDF : 0.0/0

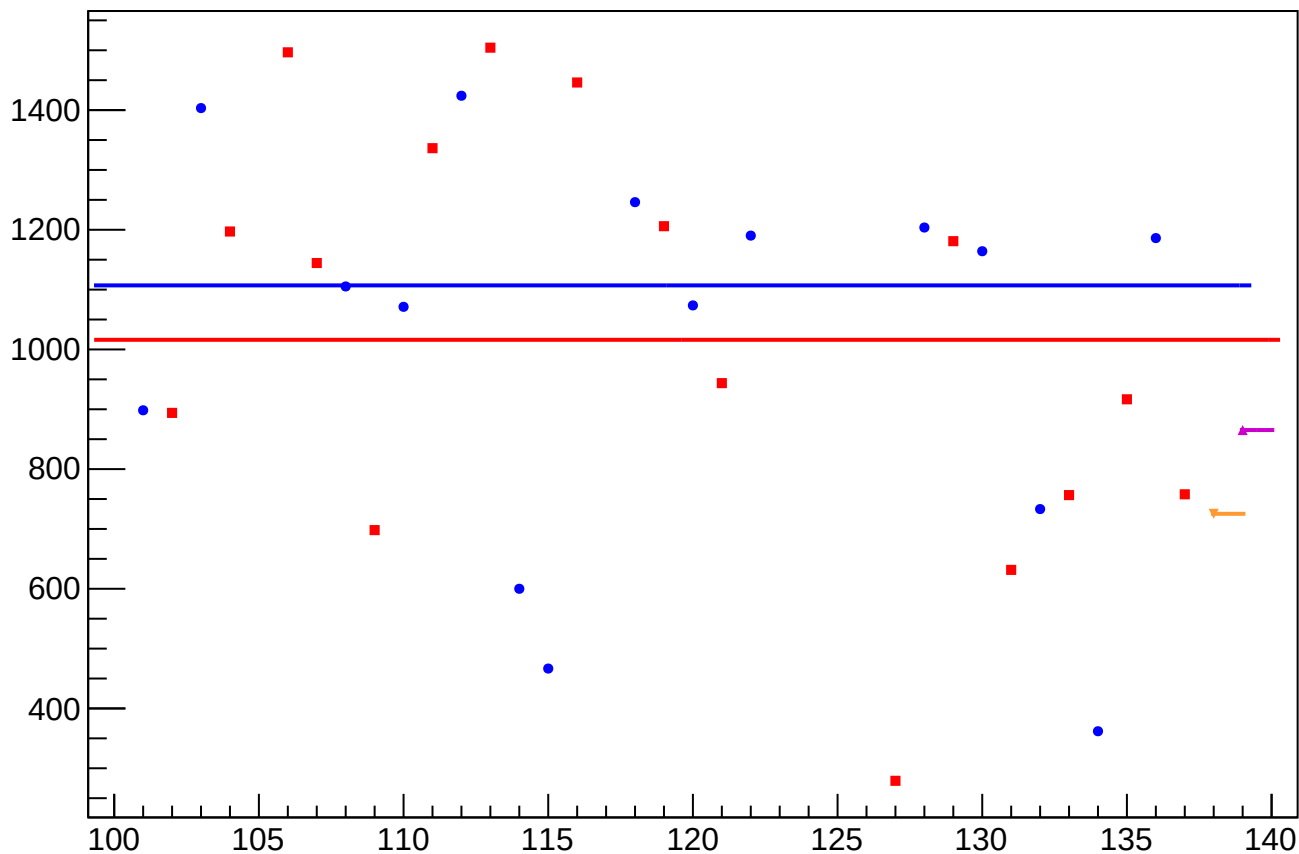
325.569+/-0.000 χ^2/NDF : 14633520604322248

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

368.375+/-0.000 χ^2/NDF : 32125168416968615

Left In: 391.413+/-0.000 χ^2/NDF : 158327.5/0

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

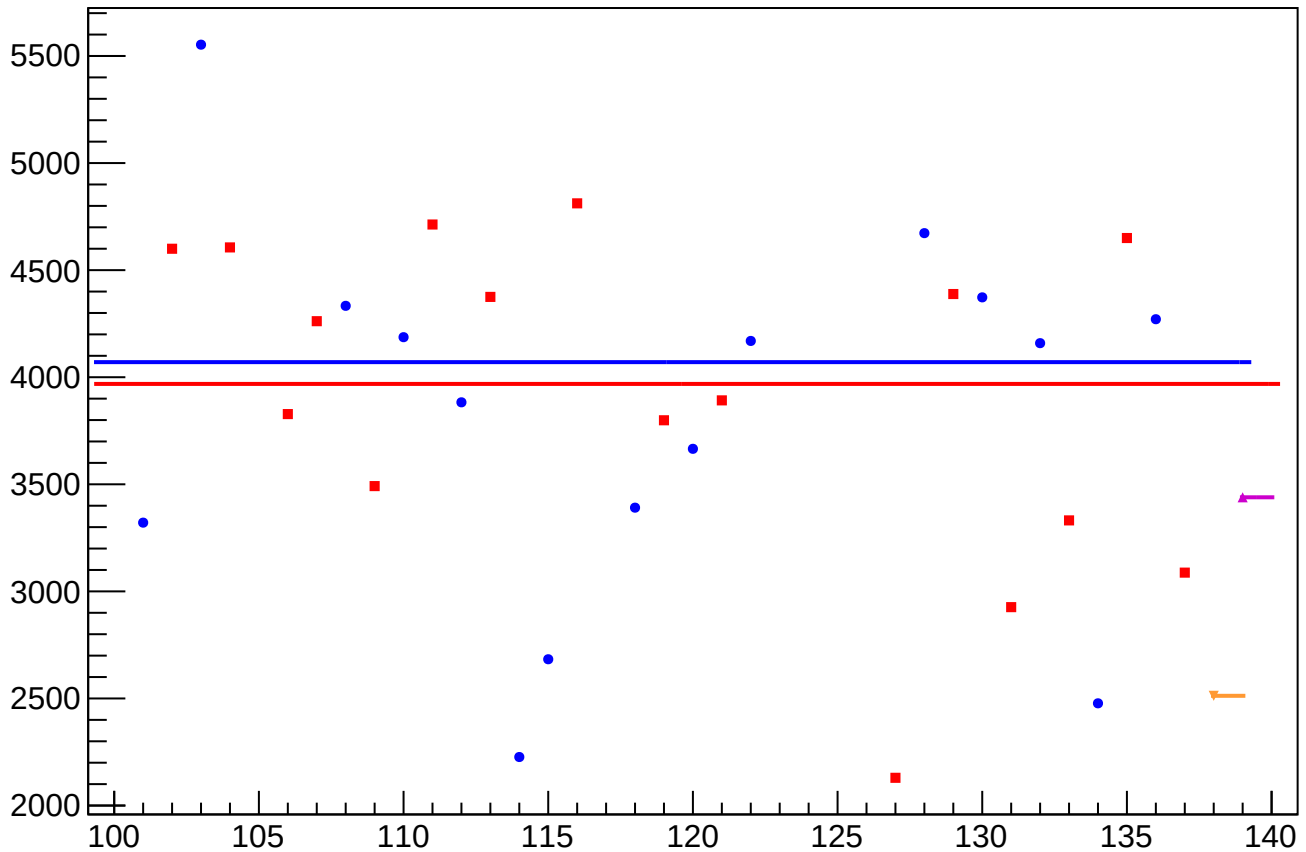
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

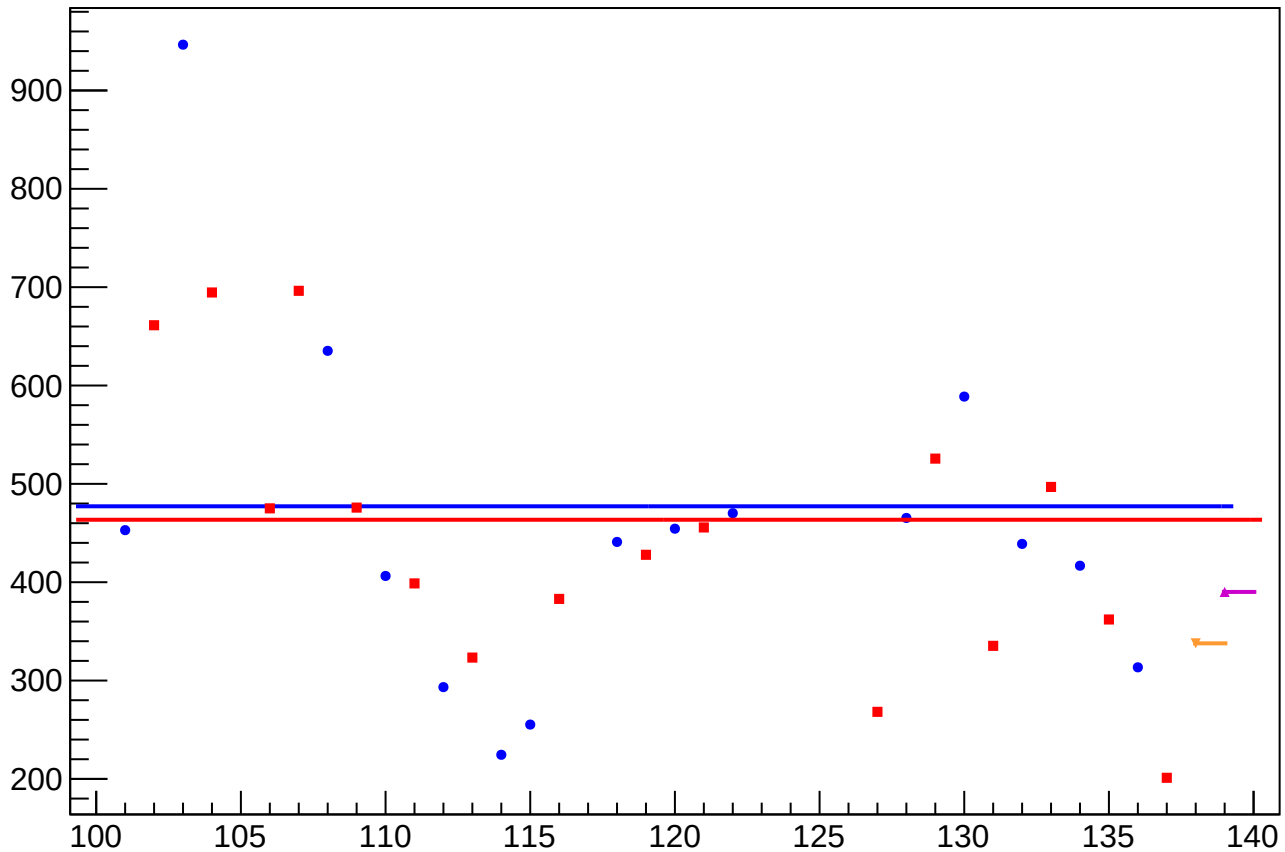
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_usr_coil4_mean vs Slug



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



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 337.855+/-0.000 χ^2/NDF : 252031.6/0

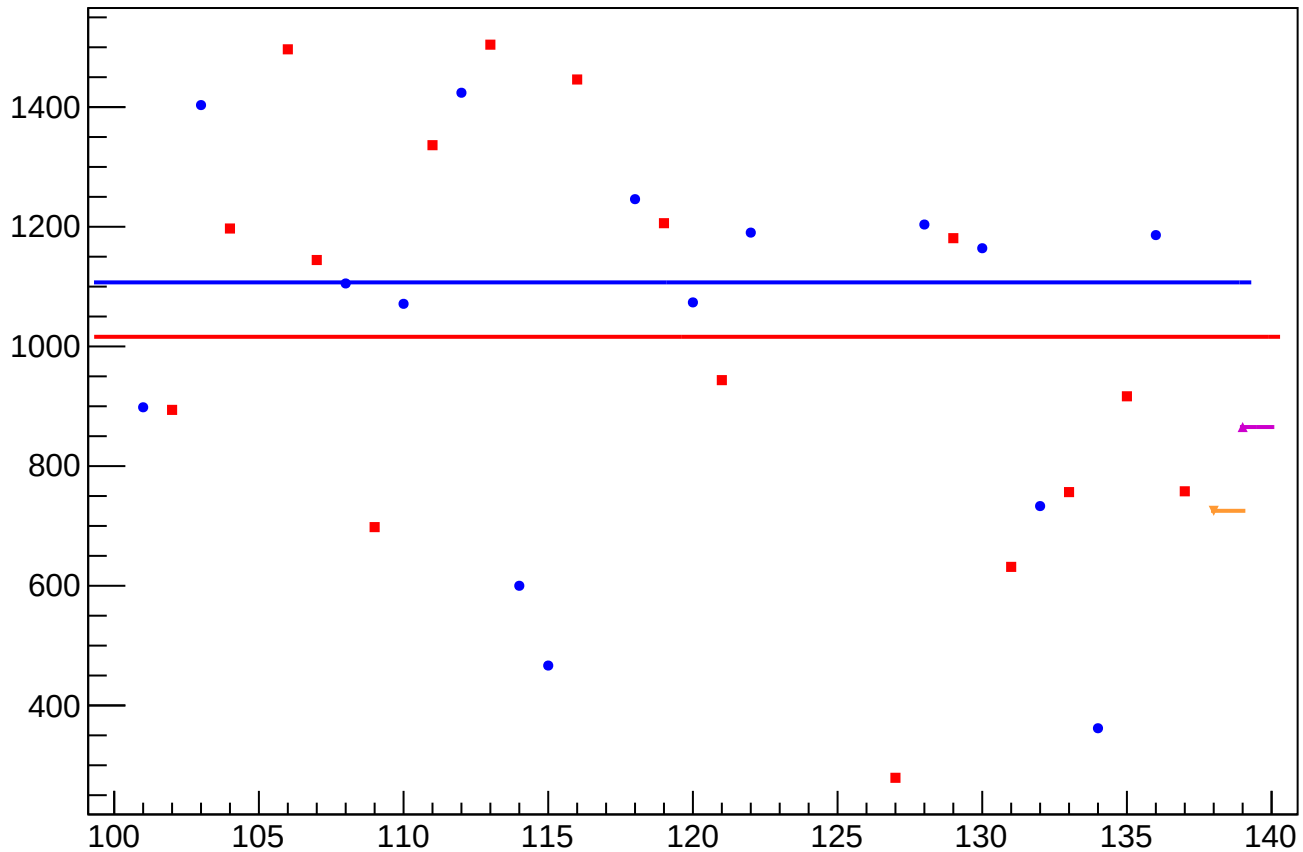
Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

Left In: 390.106+/-0.000 χ^2/NDF : 0.0/0

462.238+/-0.000 χ^2/NDF : 21807490636177173

458.489+/-0.000 χ^2/NDF : 12802743251812284

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

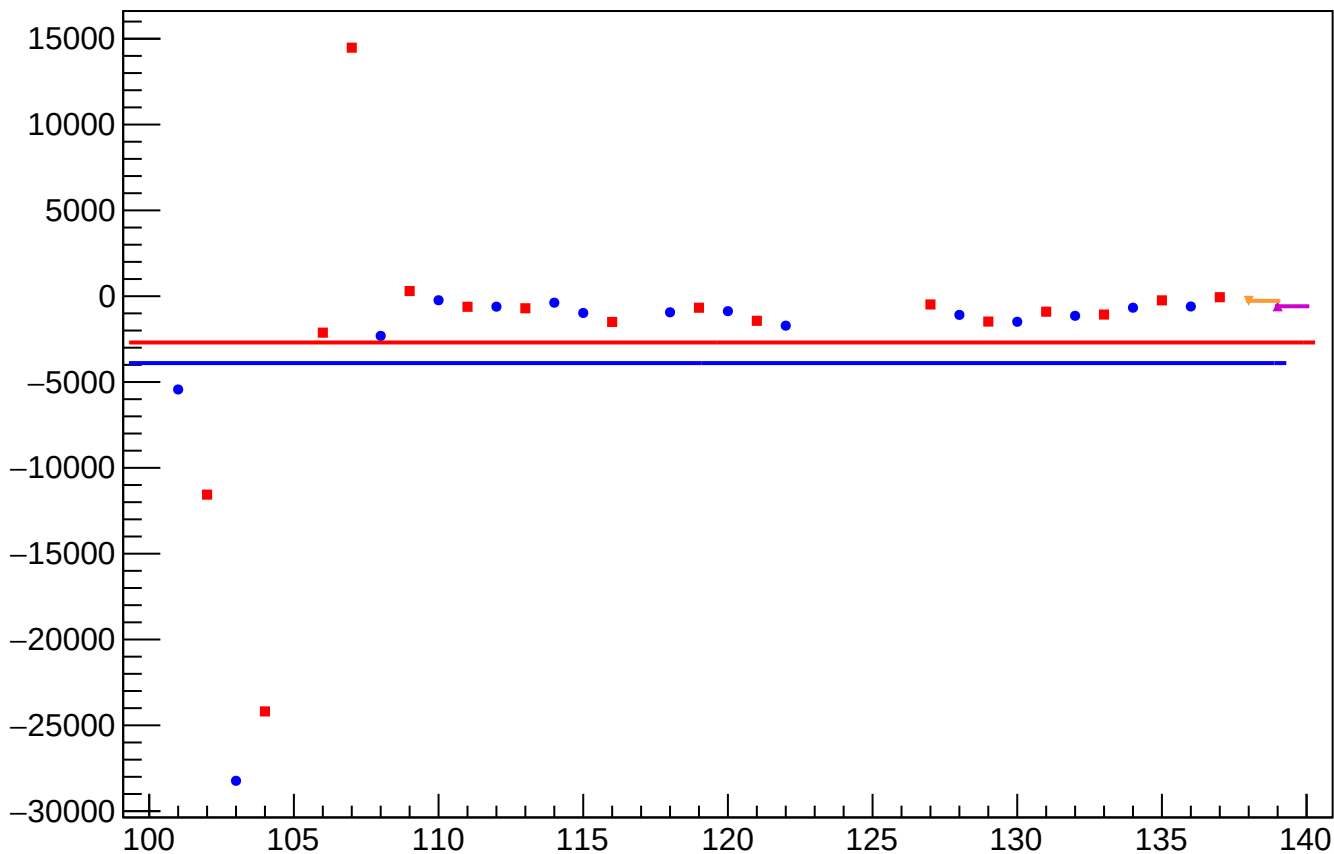
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14

Left Out: -271.101+/-0.000 χ^2/NDF : 0.0/0

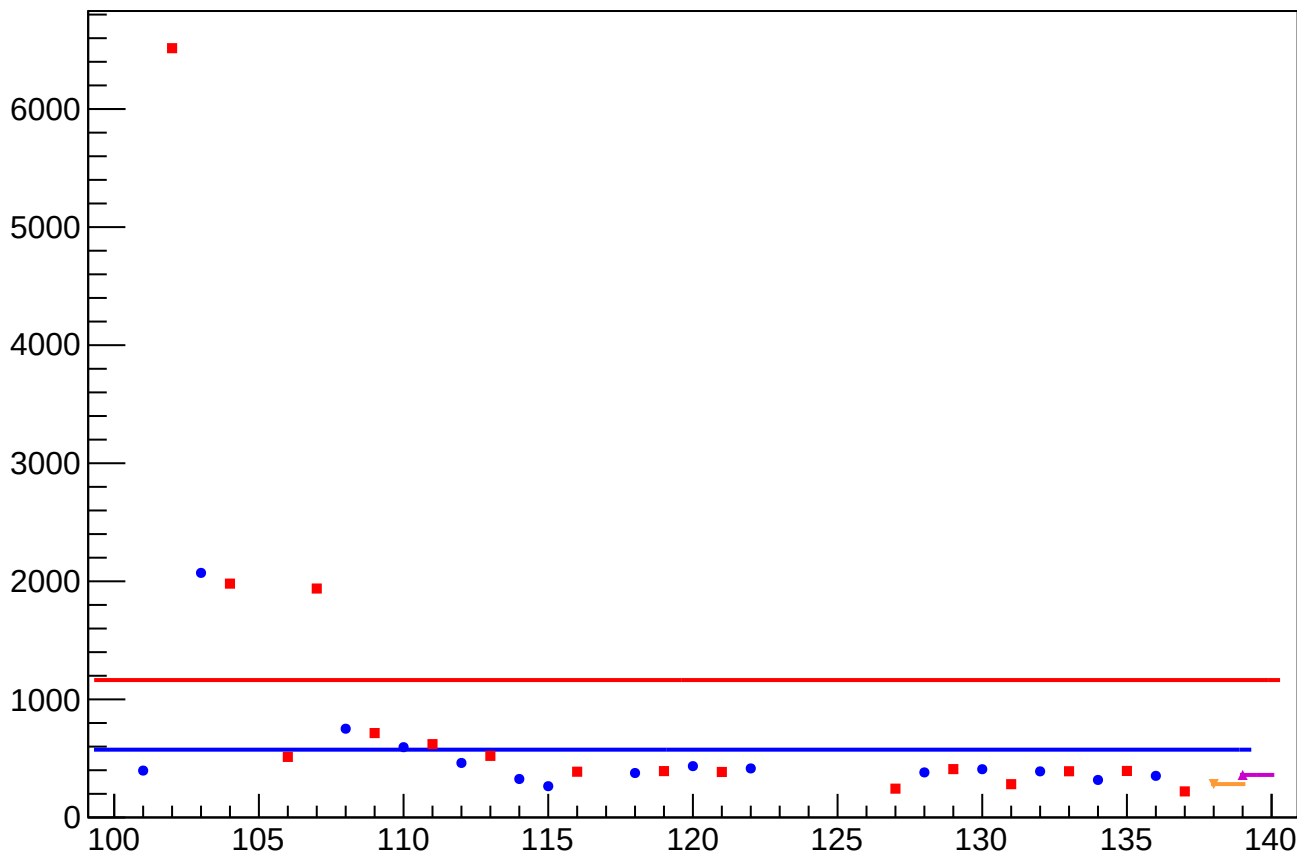
Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15

Left In: -586.418+/-0.000 χ^2/NDF : 0.0/0

-3507.550+/-0.000 χ^2/NDF : 405338108943815

-2551.622+/-0.000 χ^2/NDF : 410256044177218

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 282.726+/-0.000 χ^2/NDF : 0.0/0

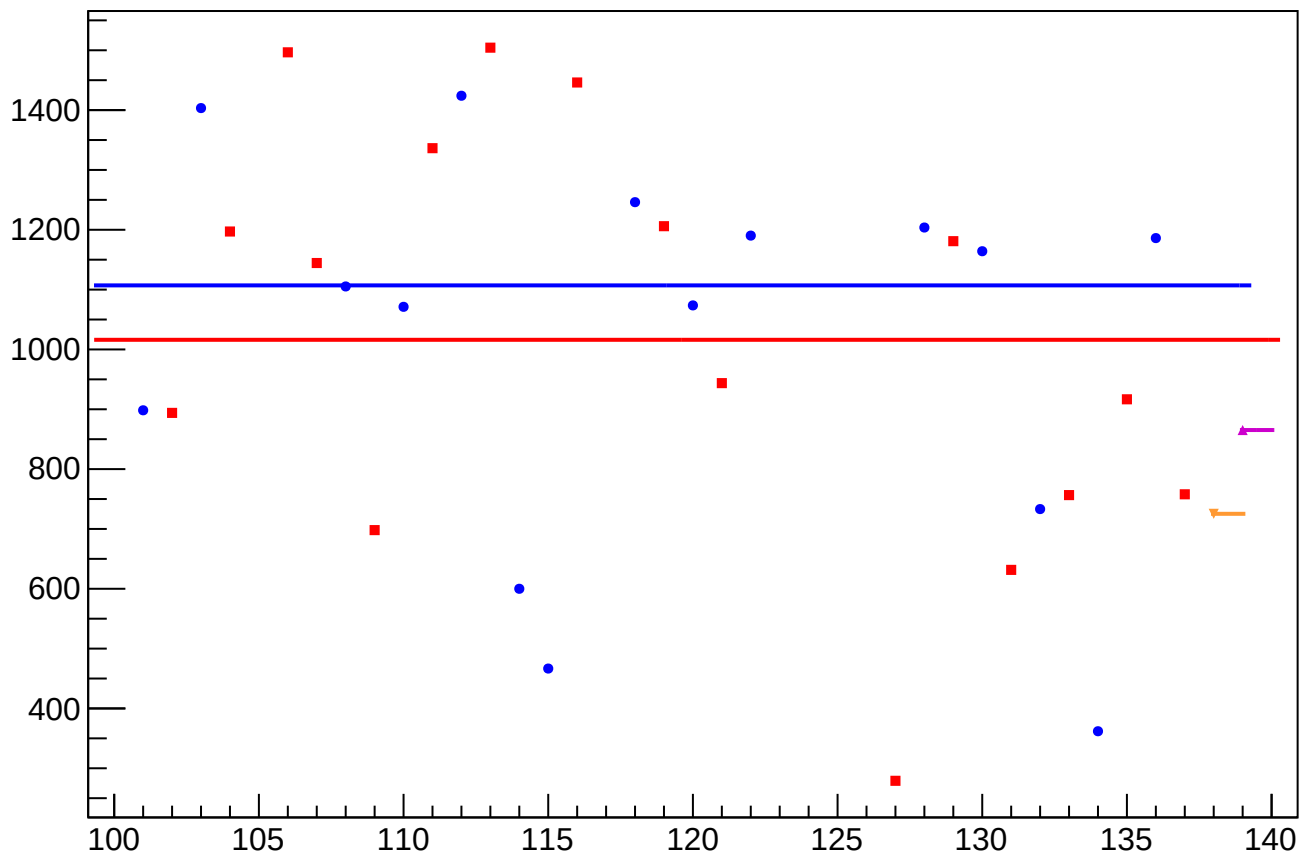
Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15

Left In: 360.138+/-0.000 χ^2/NDF : 0.0/0

542.799+/-0.000 χ^2/NDF : 15801504212308624

1108.705+/-0.000 χ^2/NDF : 2032668704743095

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

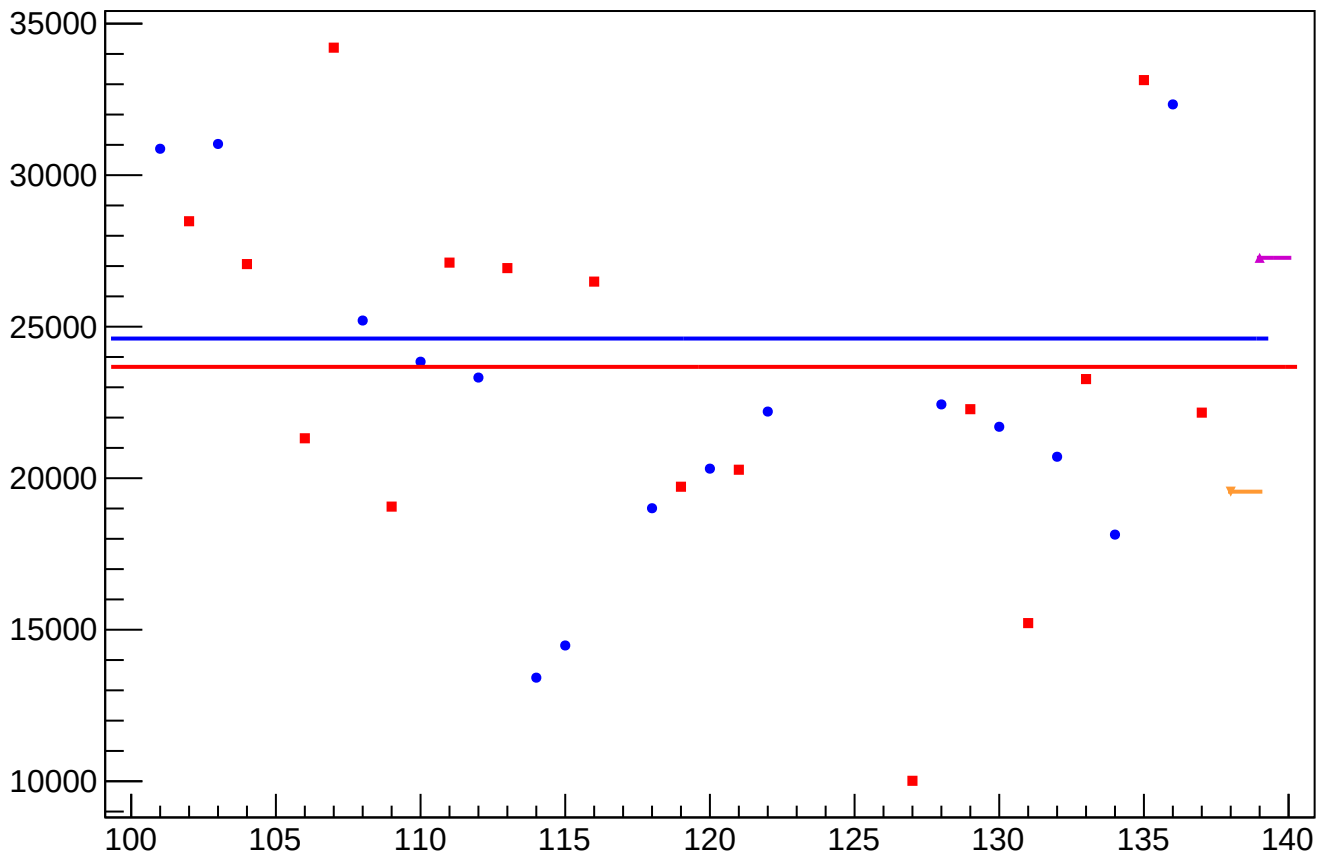
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

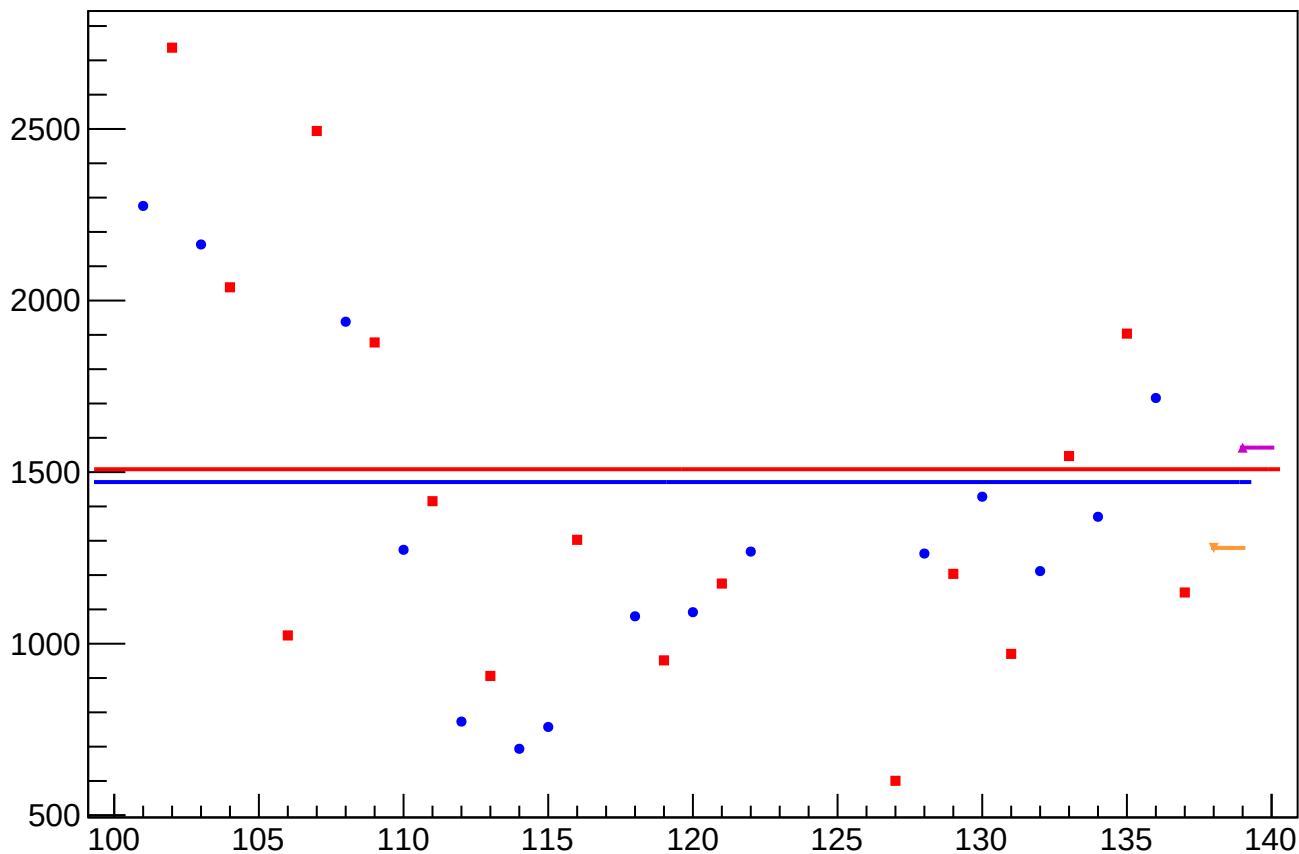
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_atl2_coil4_mean vs Slug



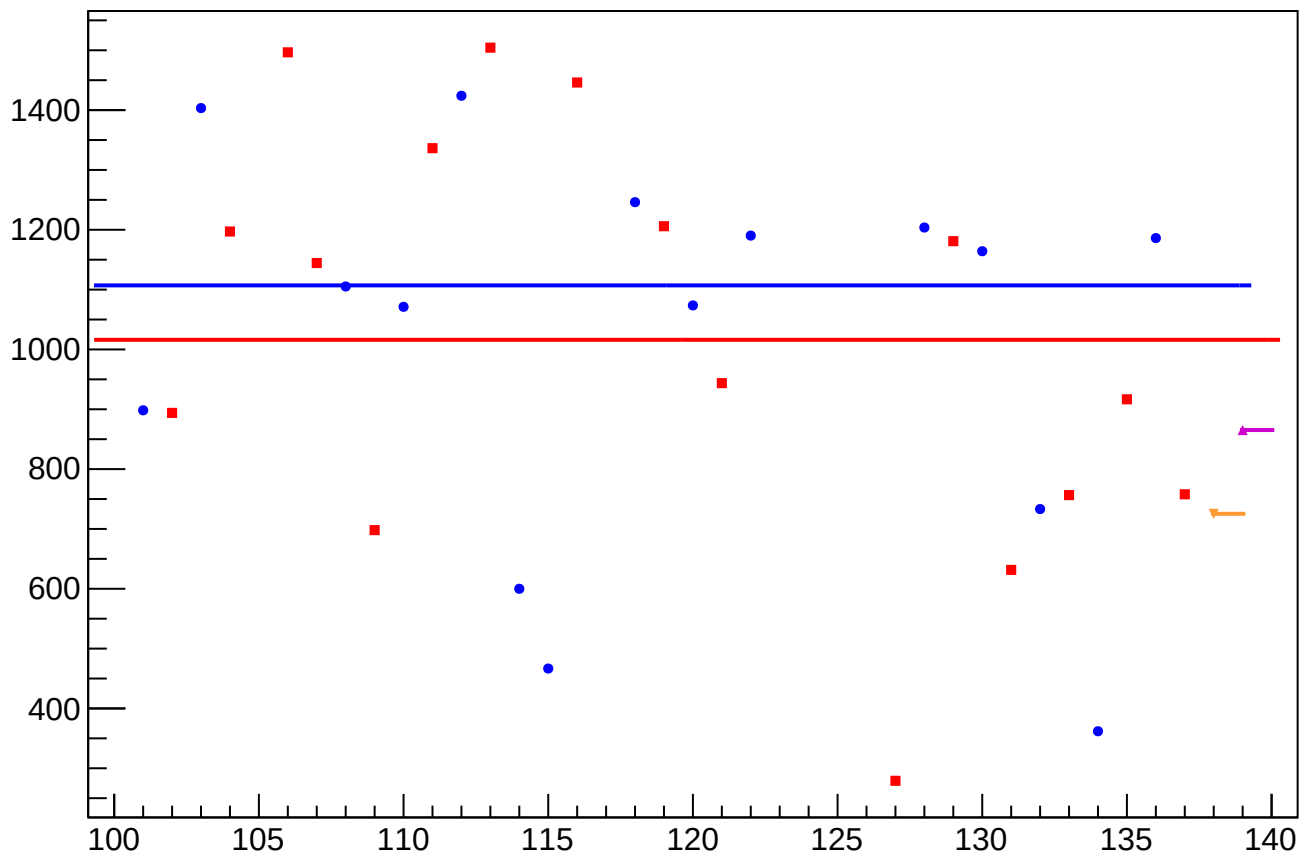
Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 19555.914+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: 27272.356+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug



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

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

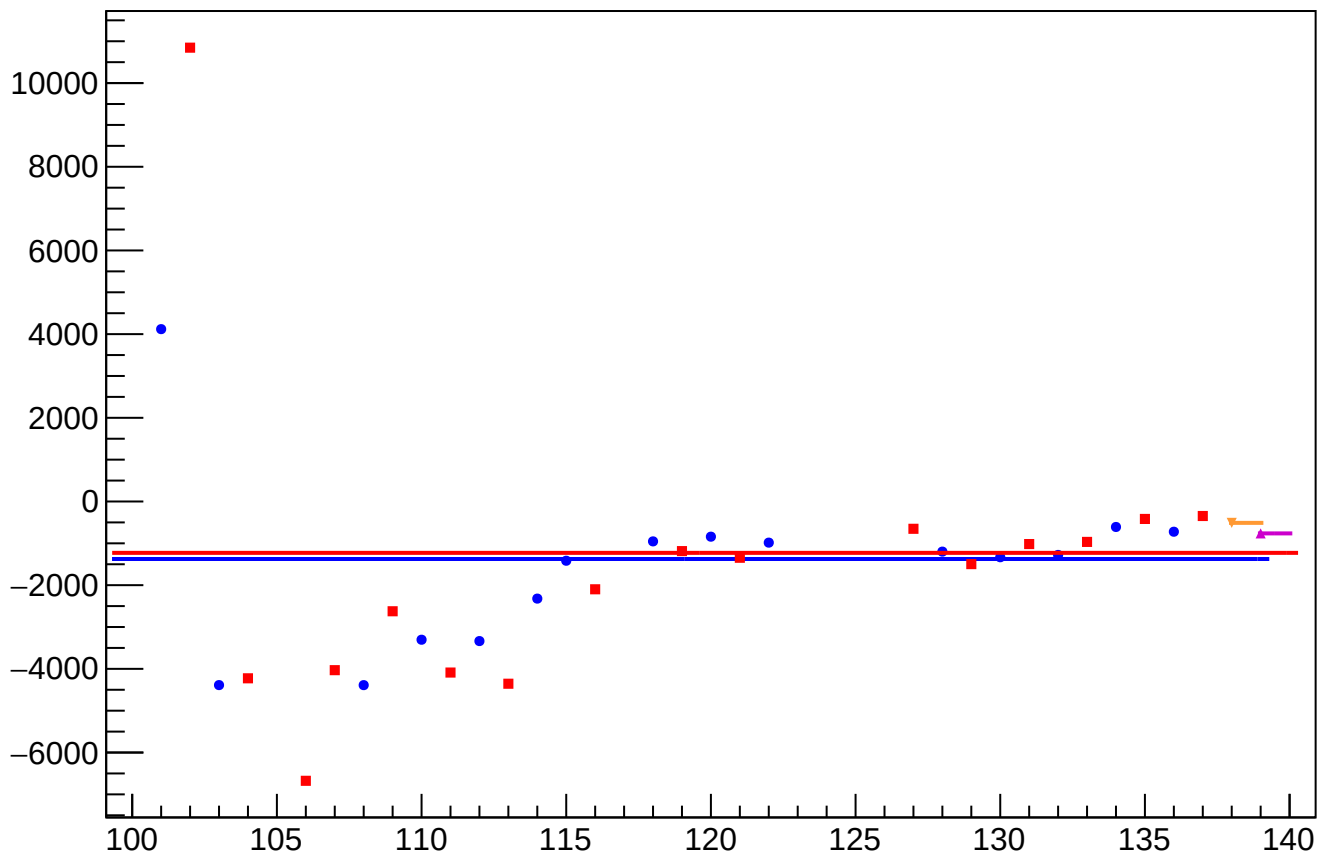
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14

Left Out: -510.968+/-0.000 χ^2/NDF : 252031.6/0

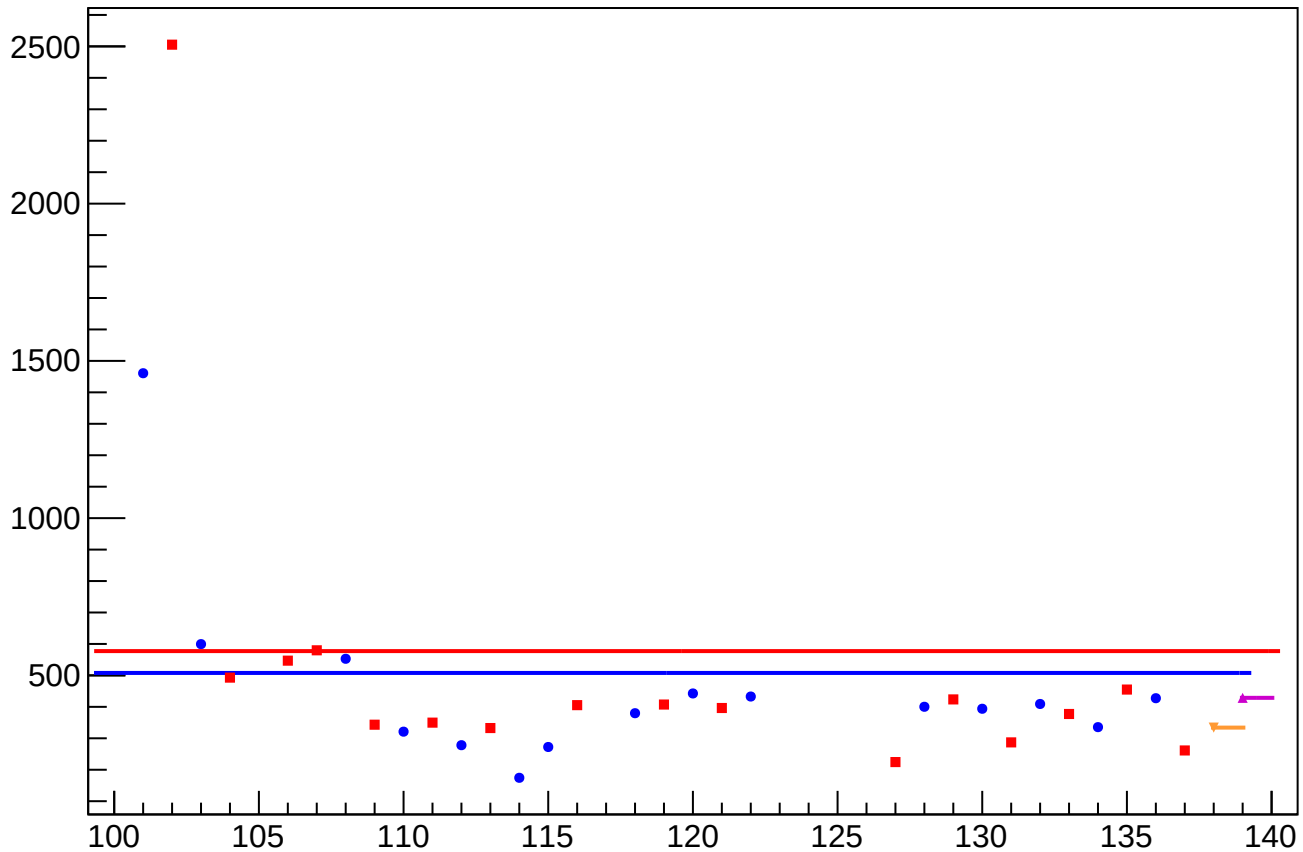
Right Out: -1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15

Left In: -762.813+/-0.000 χ^2/NDF : 0.0/0

-1281.860+/-0.000 χ^2/NDF : 312470025572894

-1196.052+/-0.000 χ^2/NDF : 111251857504983

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 333.981+/-0.000 χ^2/NDF : 0.0/0

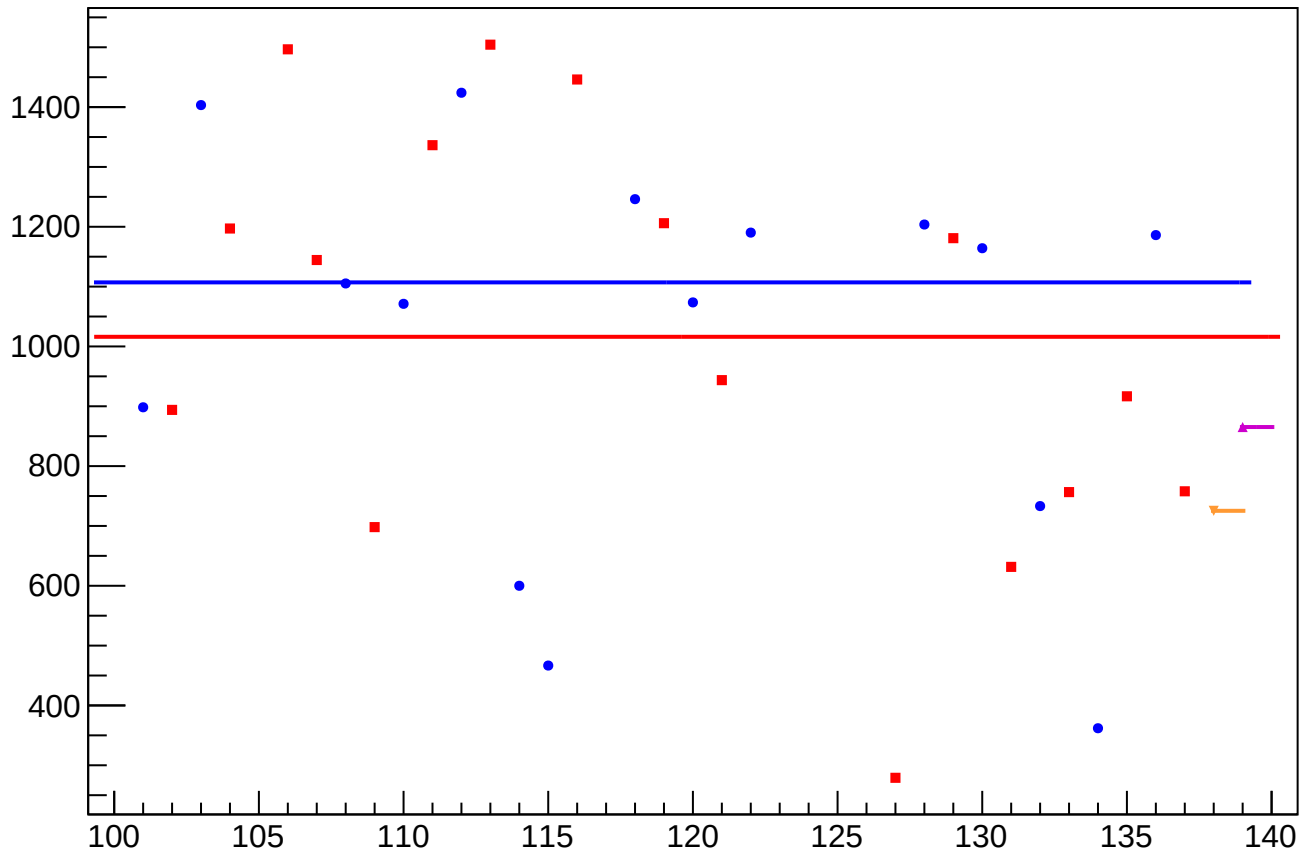
Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

Left In: 428.646+/-0.000 χ^2/NDF : 0.0/0

489.159+/-0.000 χ^2/NDF : 66243930055250230

567.081+/-0.000 χ^2/NDF : 24229680138514810

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

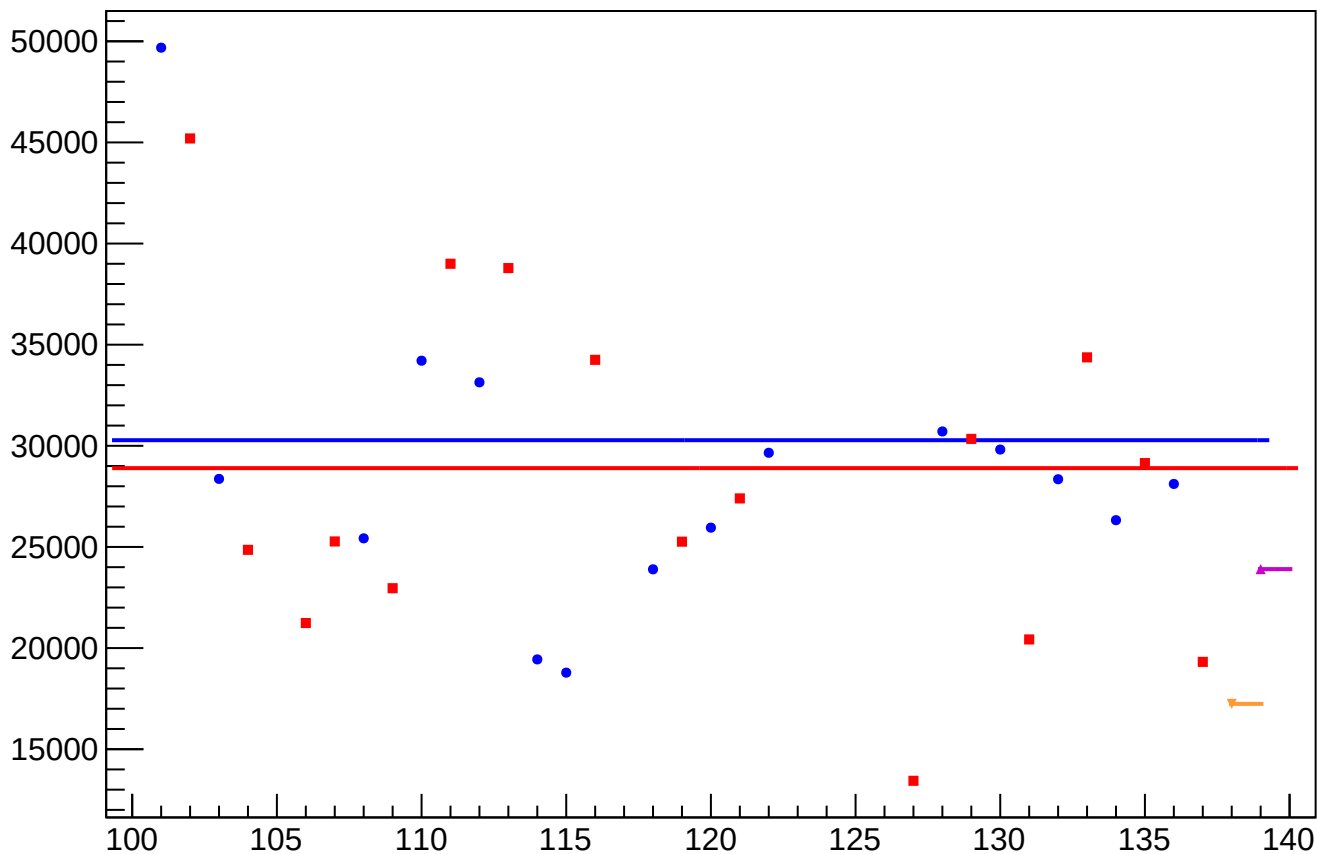
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

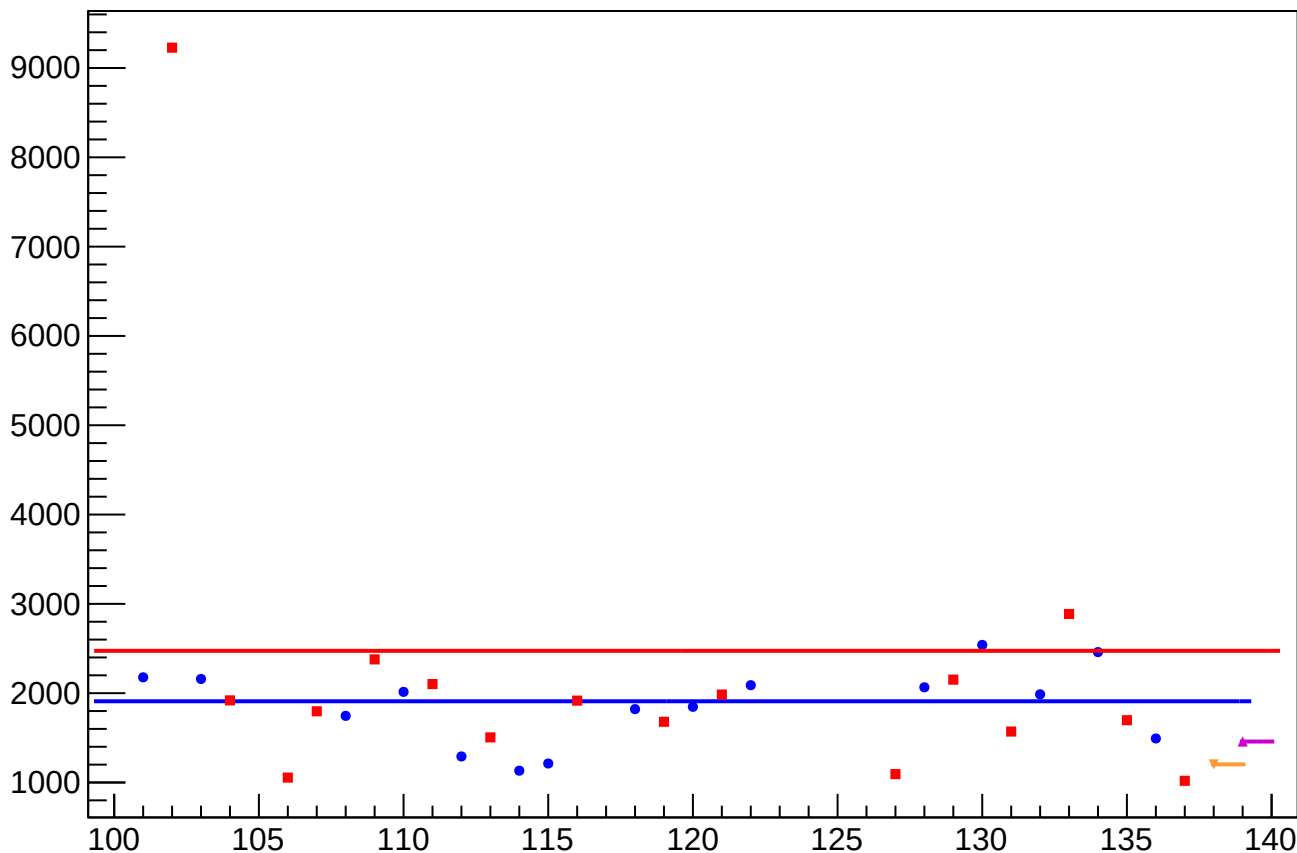
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_atr2_coil4_mean vs Slug



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



Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14

Left Out: 1202.839+/-0.000 χ^2/NDF : 4032505.5/0

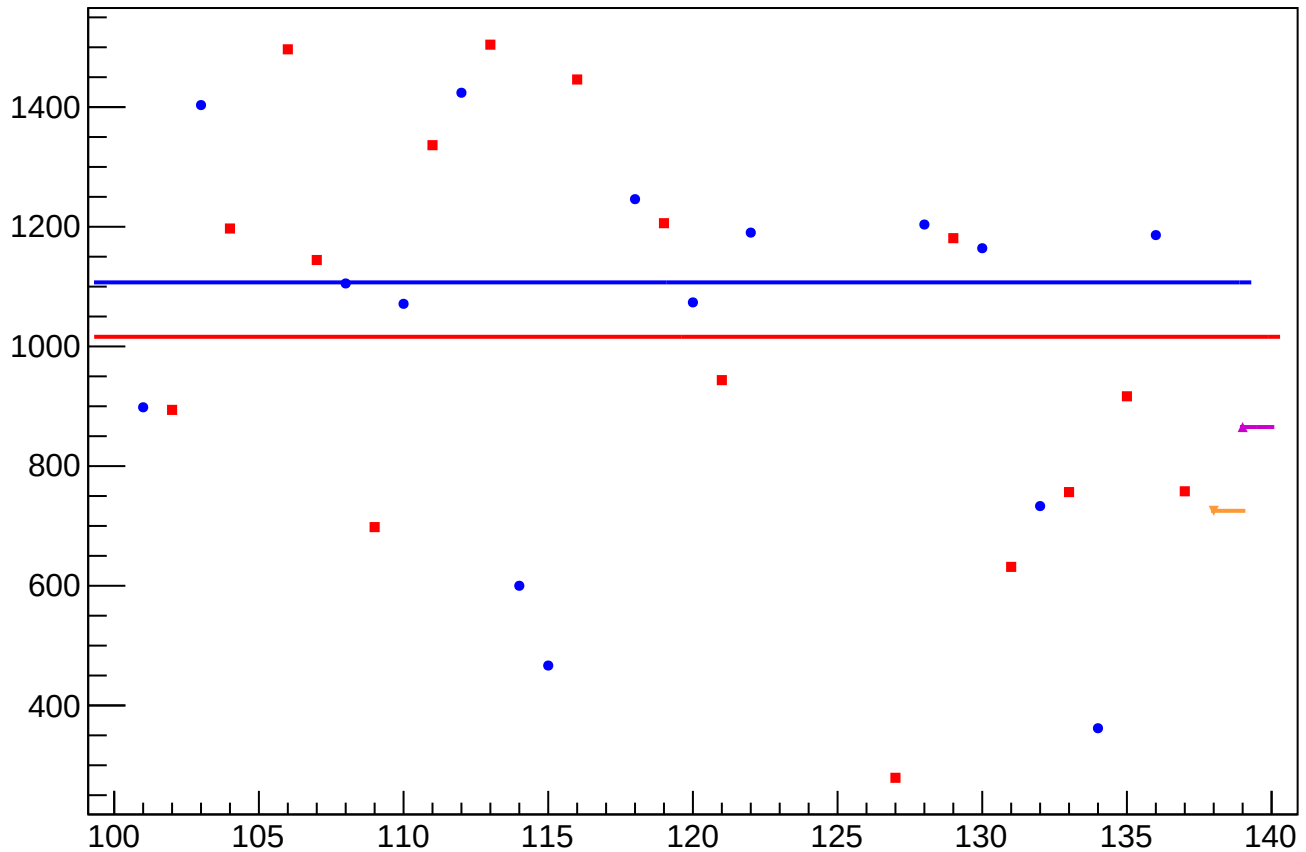
Right Out: 2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15

Left In: 1458.584+/-0.000 χ^2/NDF : 0.0/0

1833.623+/-0.000 χ^2/NDF : 1224022736958658

2404.488+/-0.000 χ^2/NDF : 3080970811881221

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

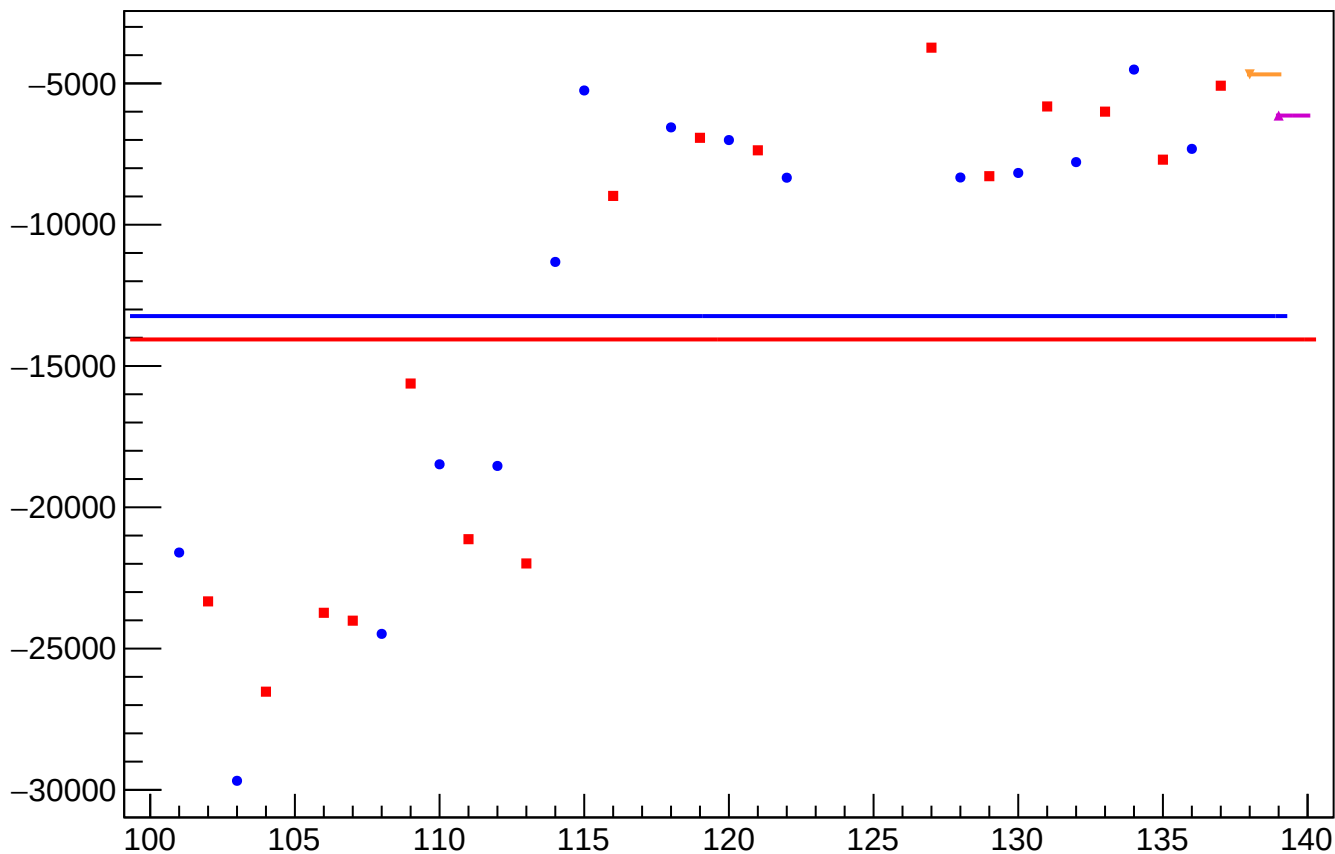
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

Left Out: -4679.745+/-0.000 χ^2/NDF : 0.0/0

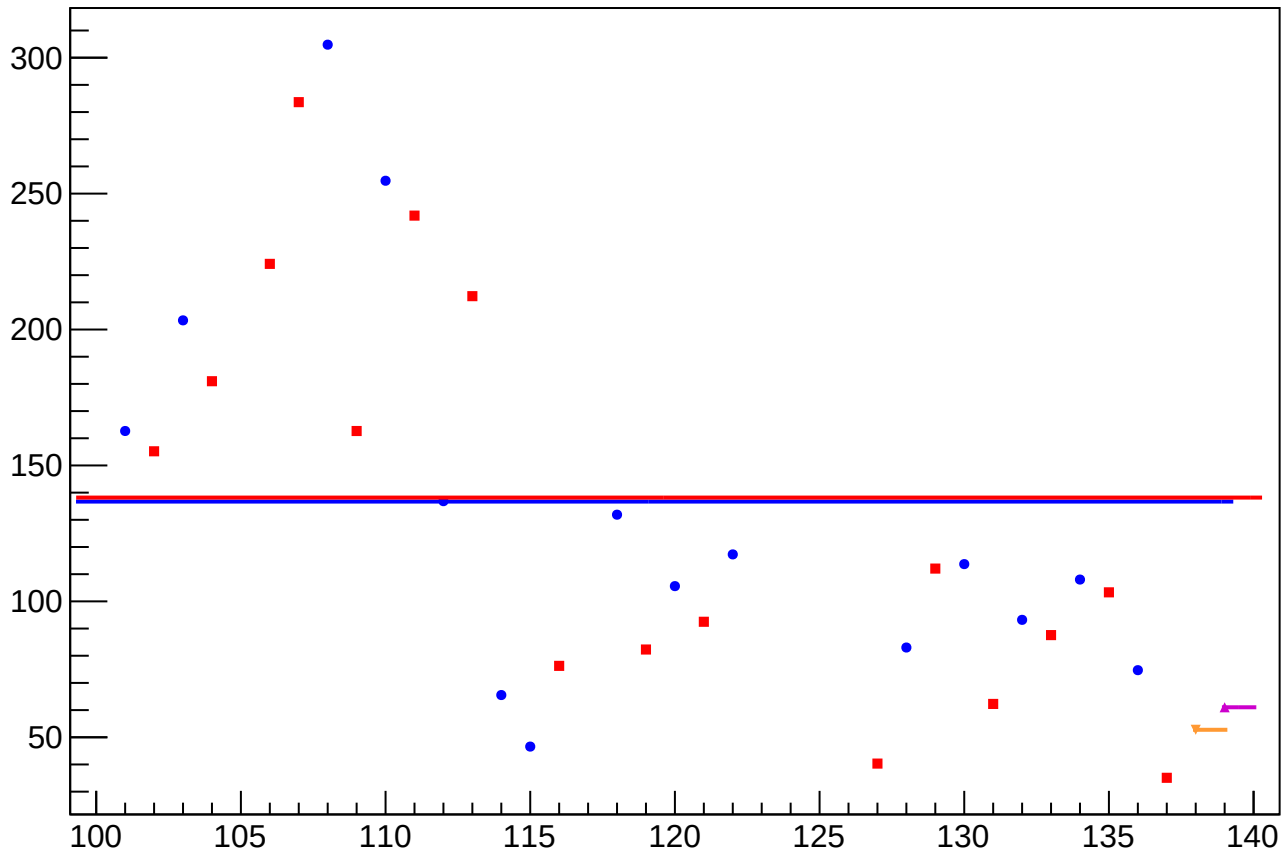
Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

Left In: -6137.047+/-0.000 χ^2/NDF : 0.0/0

-12315.647+/-0.000 χ^2/NDF : 46351583397453

-13517.883+/-0.000 χ^2/NDF : 47356055159459

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

Left Out: 52.756+/-0.000 χ^2/NDF : 0.0/0

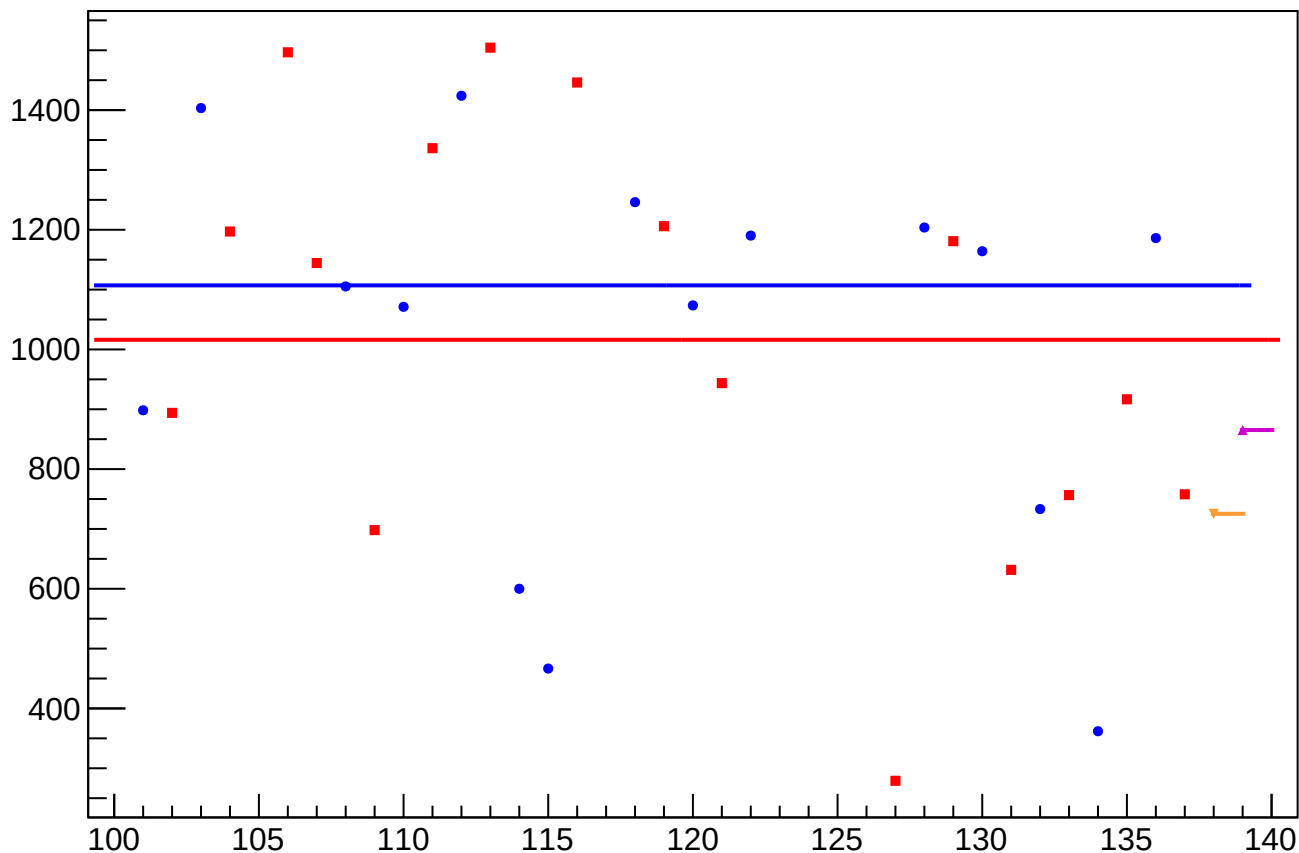
Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

Left In: 61.038+/-0.000 χ^2/NDF : 0.0/0

127.703+/-0.000 χ^2/NDF : 3177848478197889

132.900+/-0.000 χ^2/NDF : 3502513188098535

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

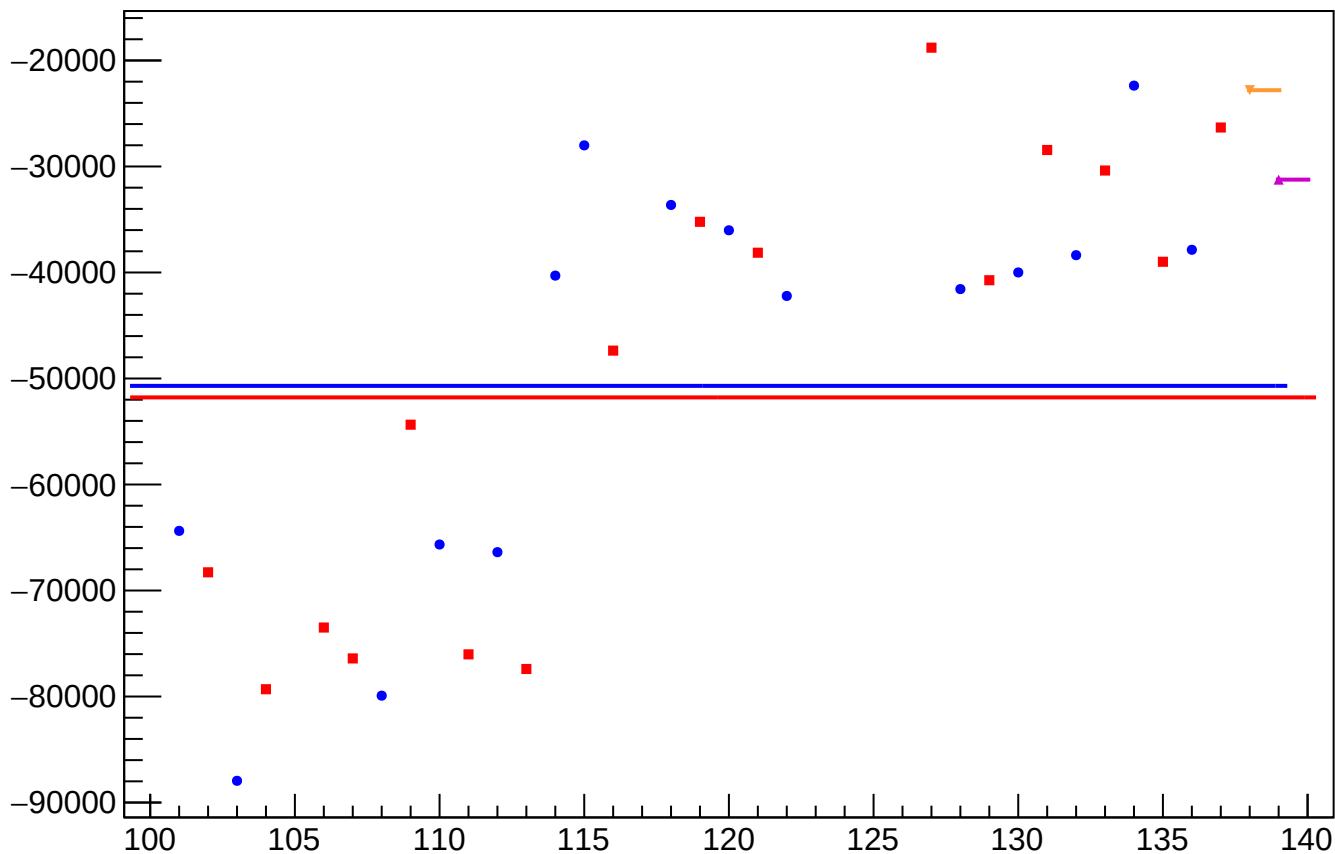
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

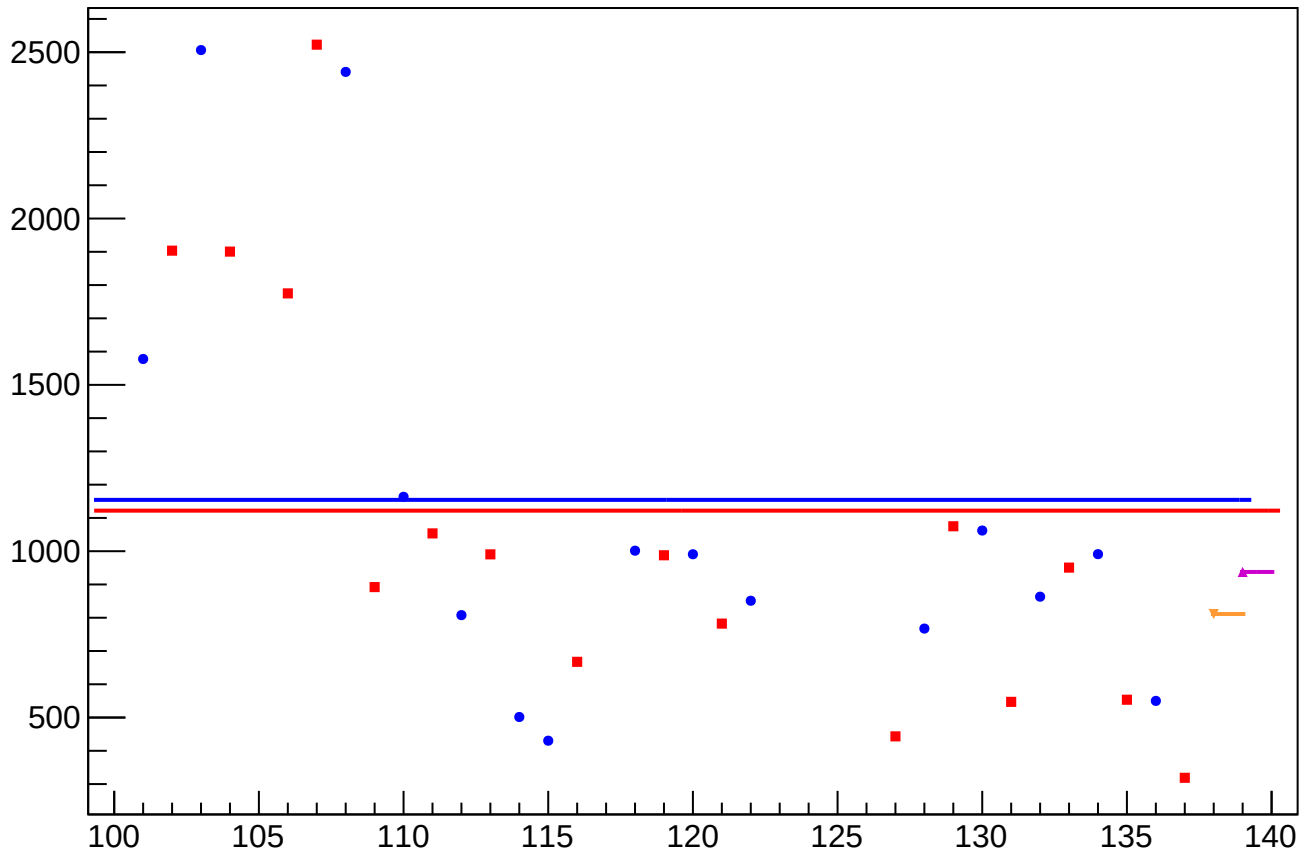
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_sam2_coil4_mean vs Slug



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



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 811.161+/-0.000 χ^2/NDF : 1008126.4/0

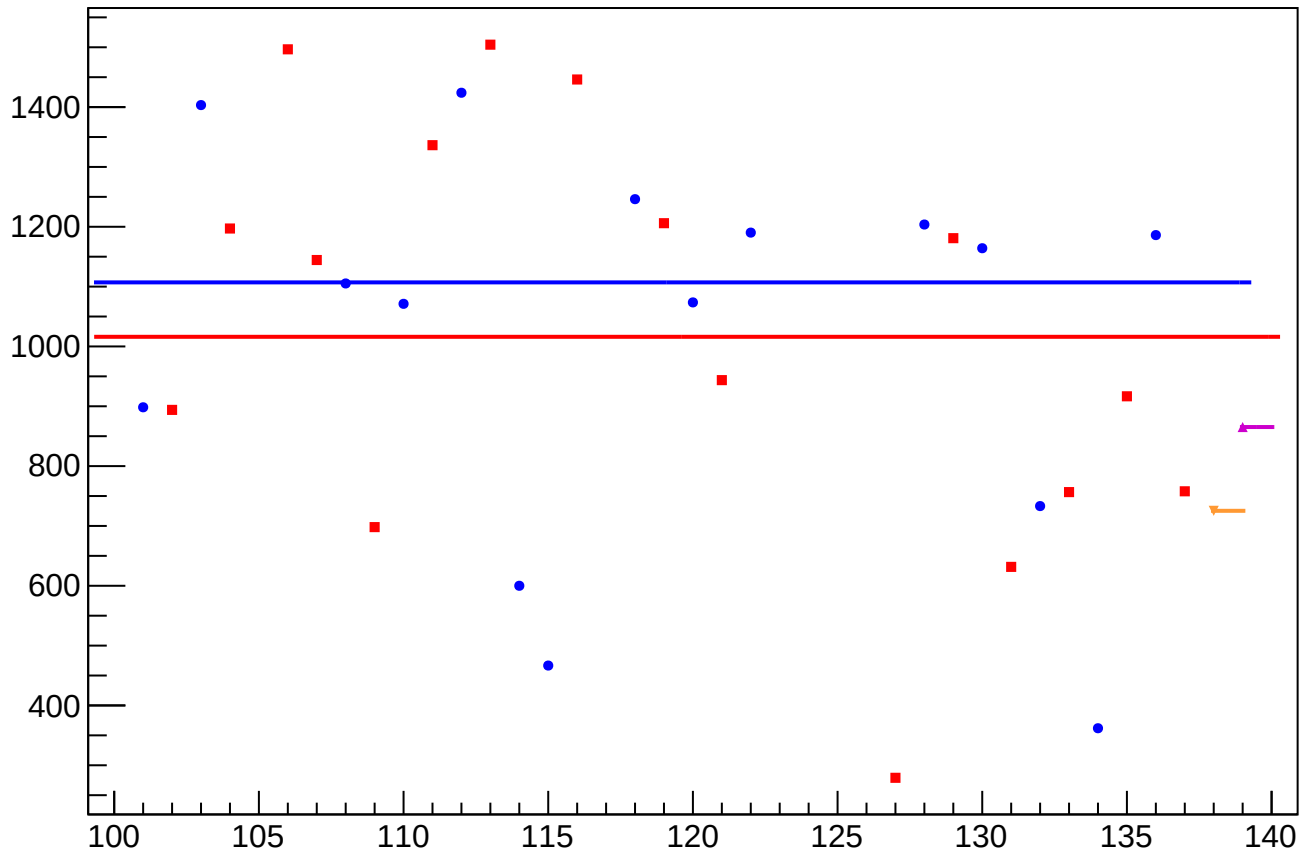
Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

Left In: 937.641+/-0.000 χ^2/NDF : 0.0/0

1117.512+/-0.000 χ^2/NDF : 2574706185249050

1109.322+/-0.000 χ^2/NDF : 2277096766286627

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

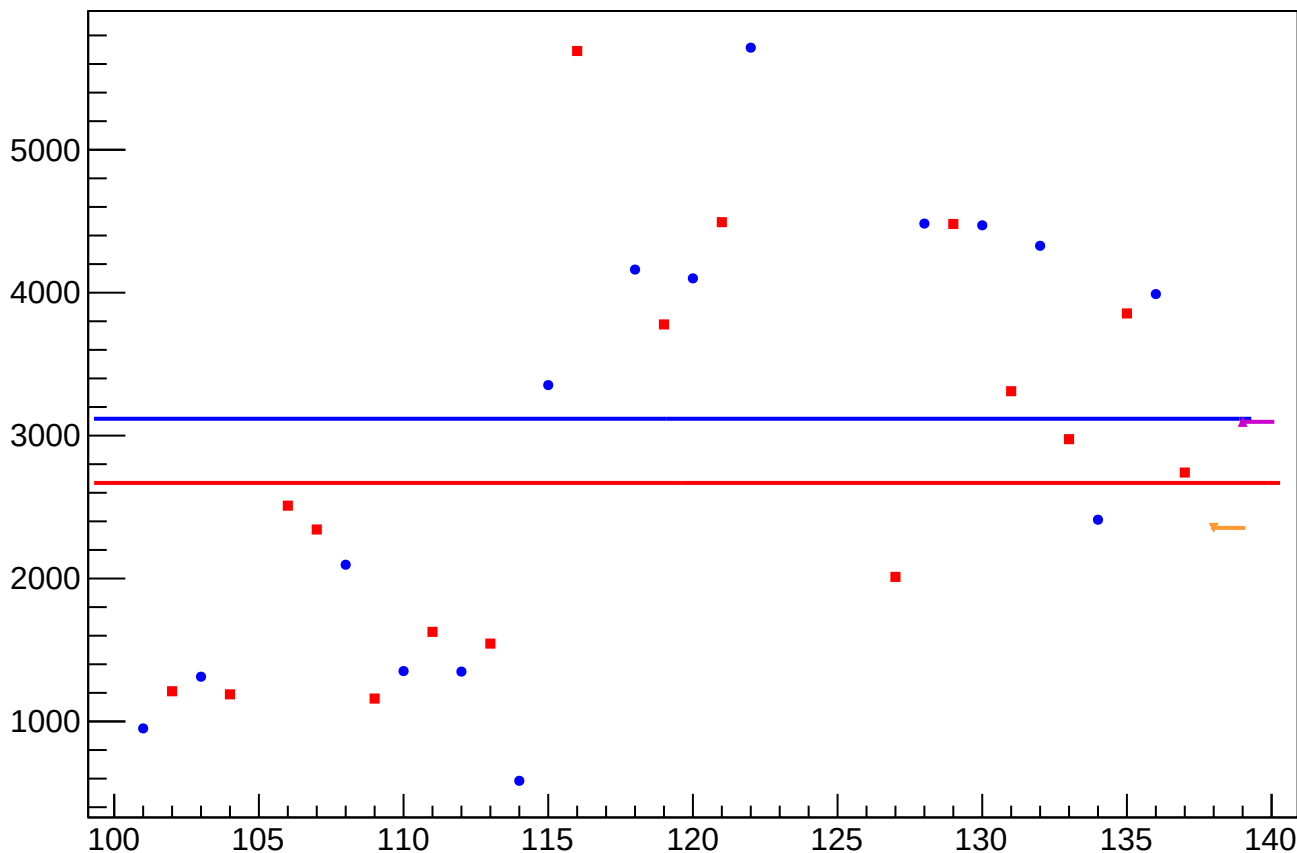
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

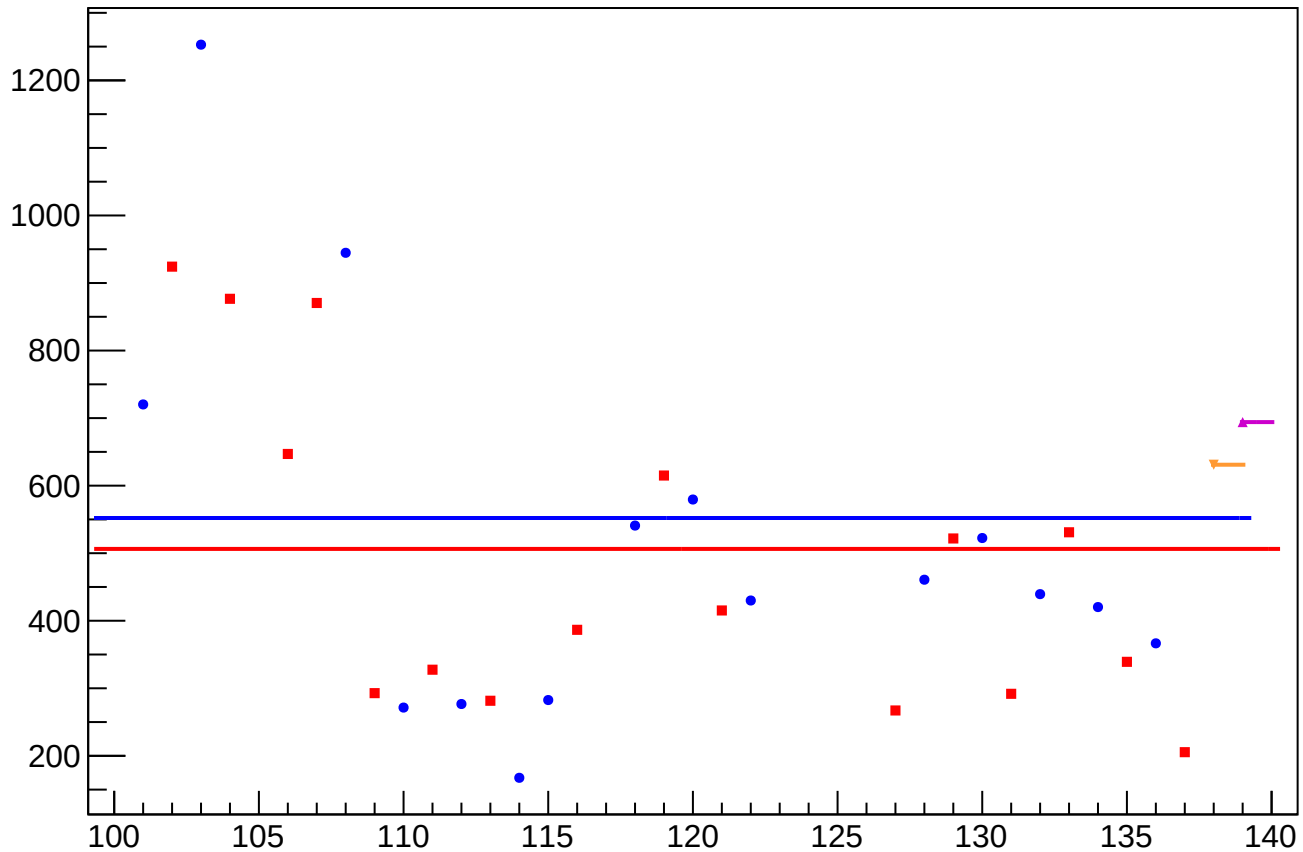
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_sam3_coil4_mean vs Slug



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



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 630.991+/-0.000 χ^2/NDF : 0.0/0

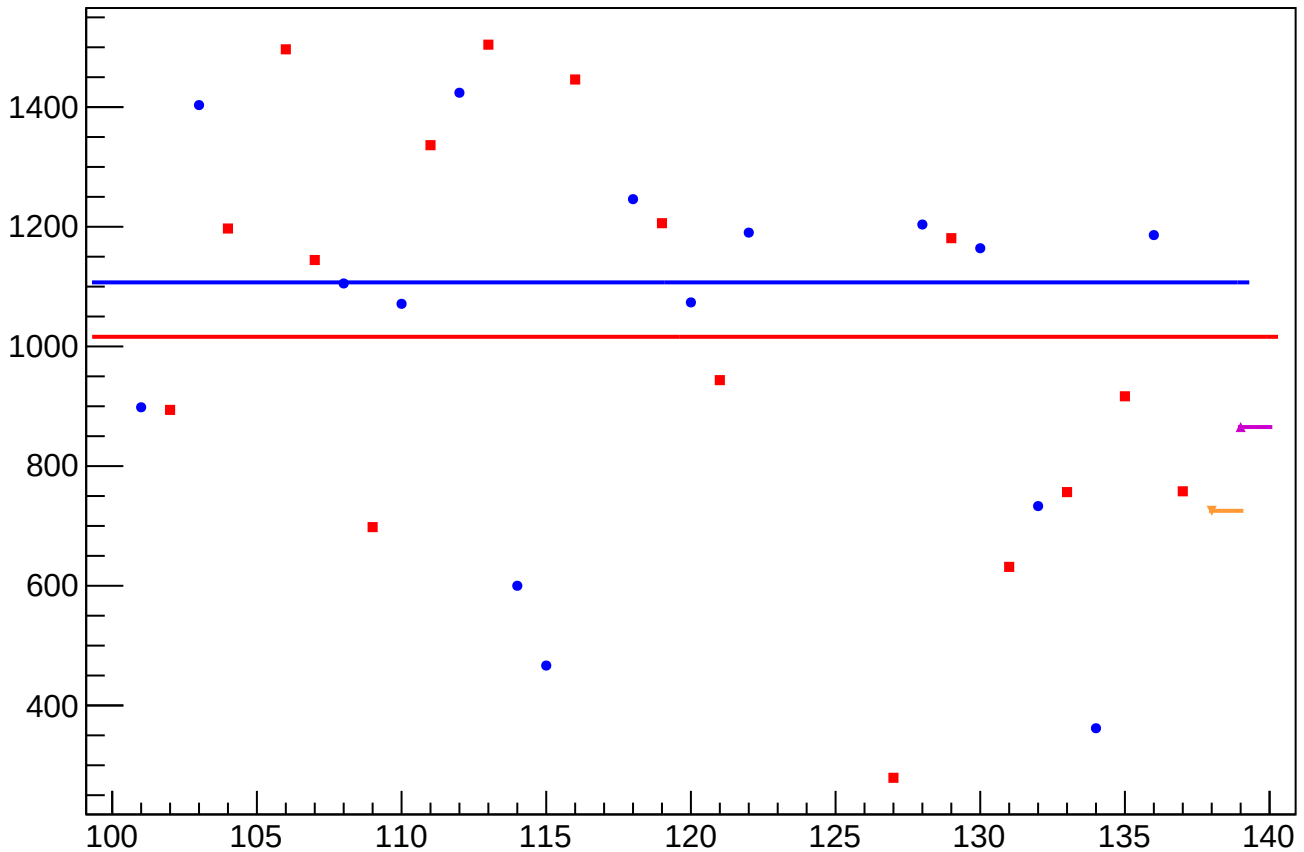
Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

Left In: 694.099+/-0.000 χ^2/NDF : 633310.2/0

560.572+/-0.000 χ^2/NDF : 51172322863103624

519.194+/-0.000 χ^2/NDF : 38790767854002683

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

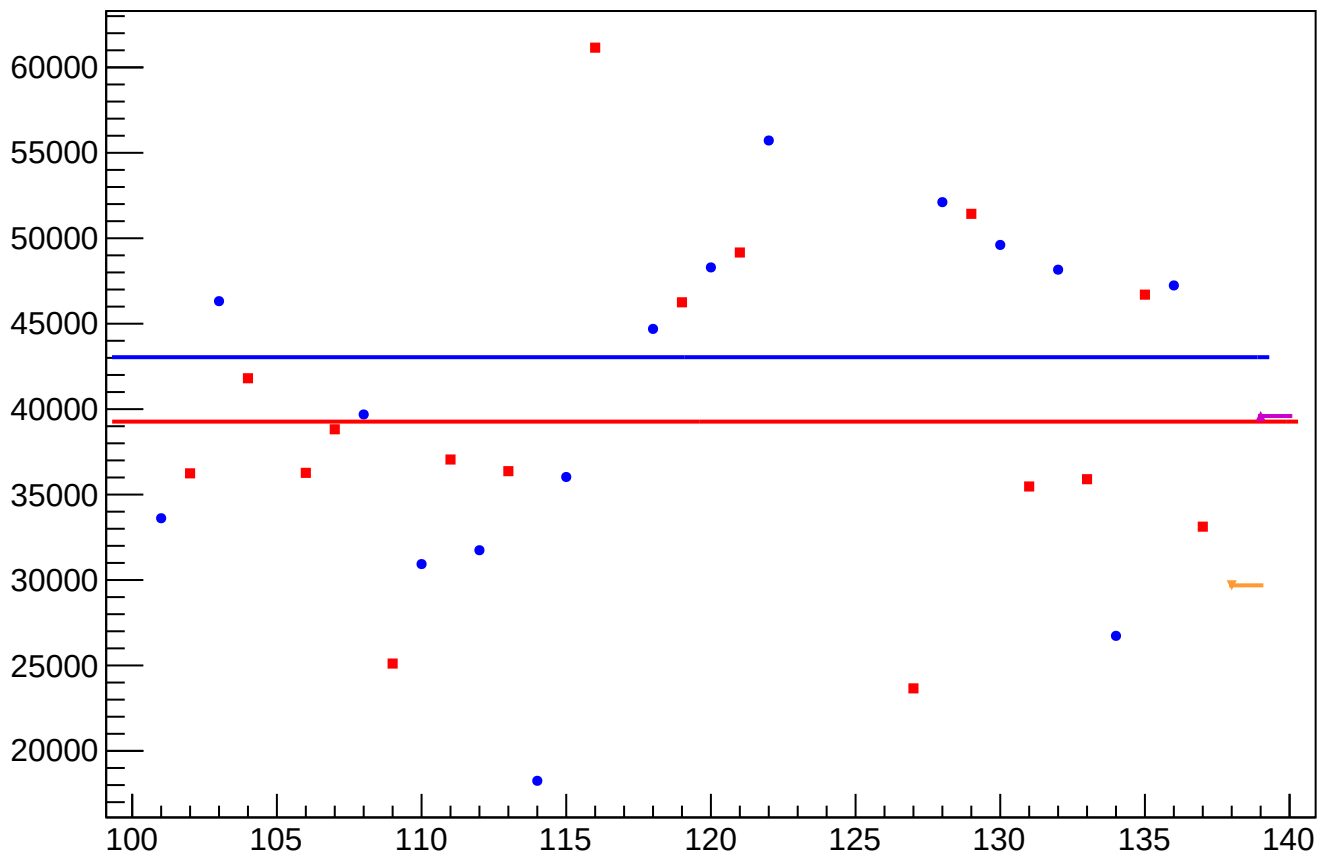
1066.092+/-0.000 χ^2/NDF : 5078250459944977

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

1005.786+/-0.000 χ^2/NDF : 7360570278893301

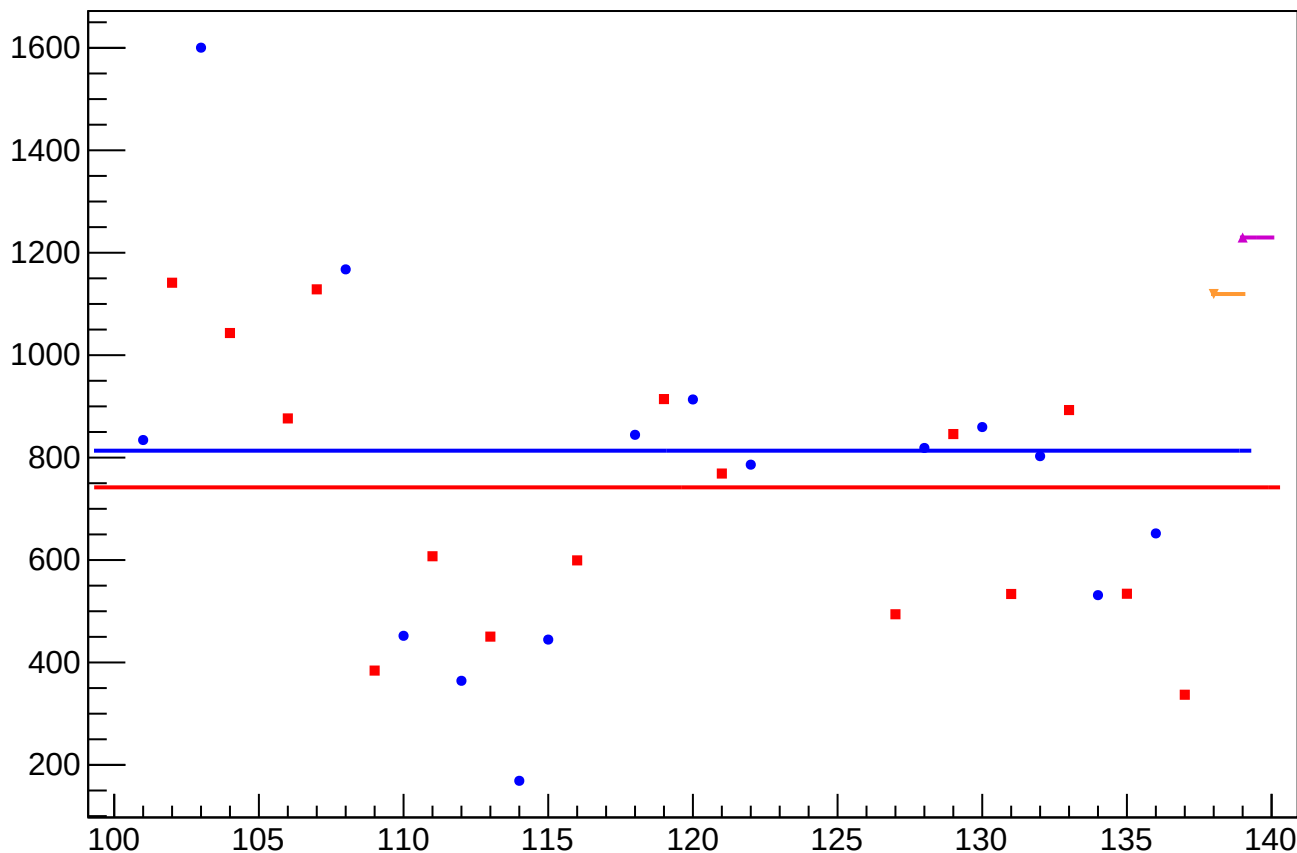
Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug



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



Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14

Left Out: 1119.408+/-0.000 χ^2/NDF : 0.0/0

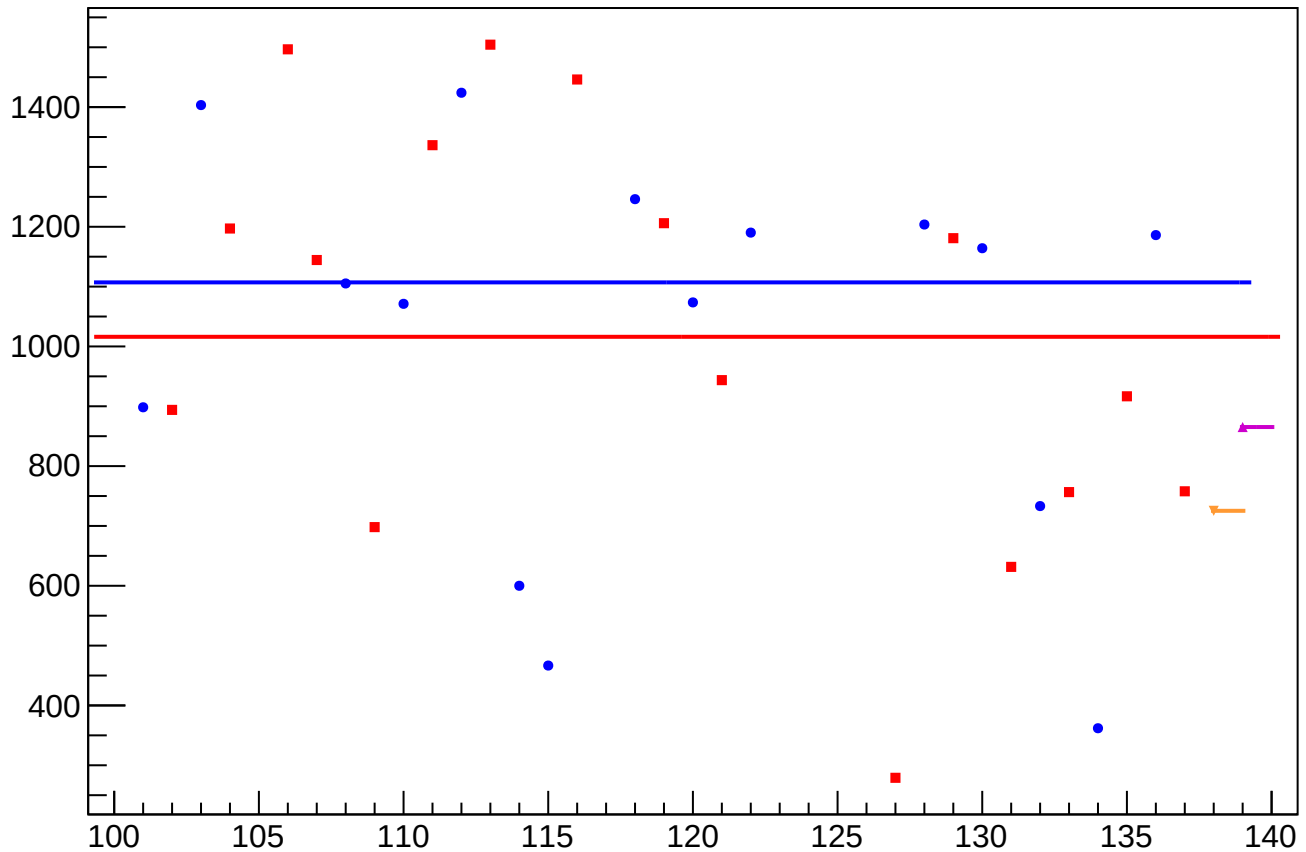
Right Out: 741.911+/-0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15

Left In: 1229.761+/-0.000 χ^2/NDF : 0.0/0

846.321+/-0.000 χ^2/NDF : 73636991637545225

775.297+/-0.000 χ^2/NDF : 54937946362177203

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

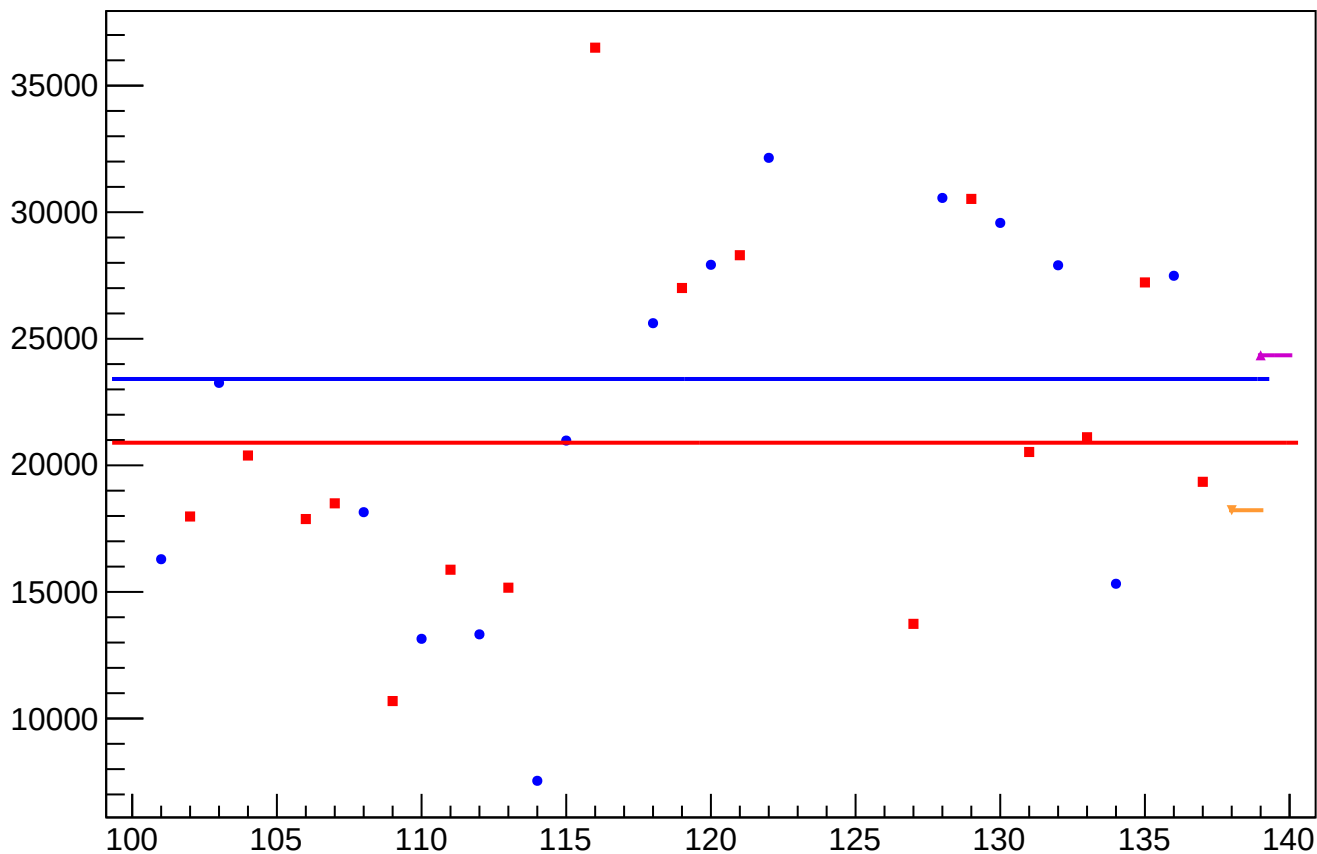
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

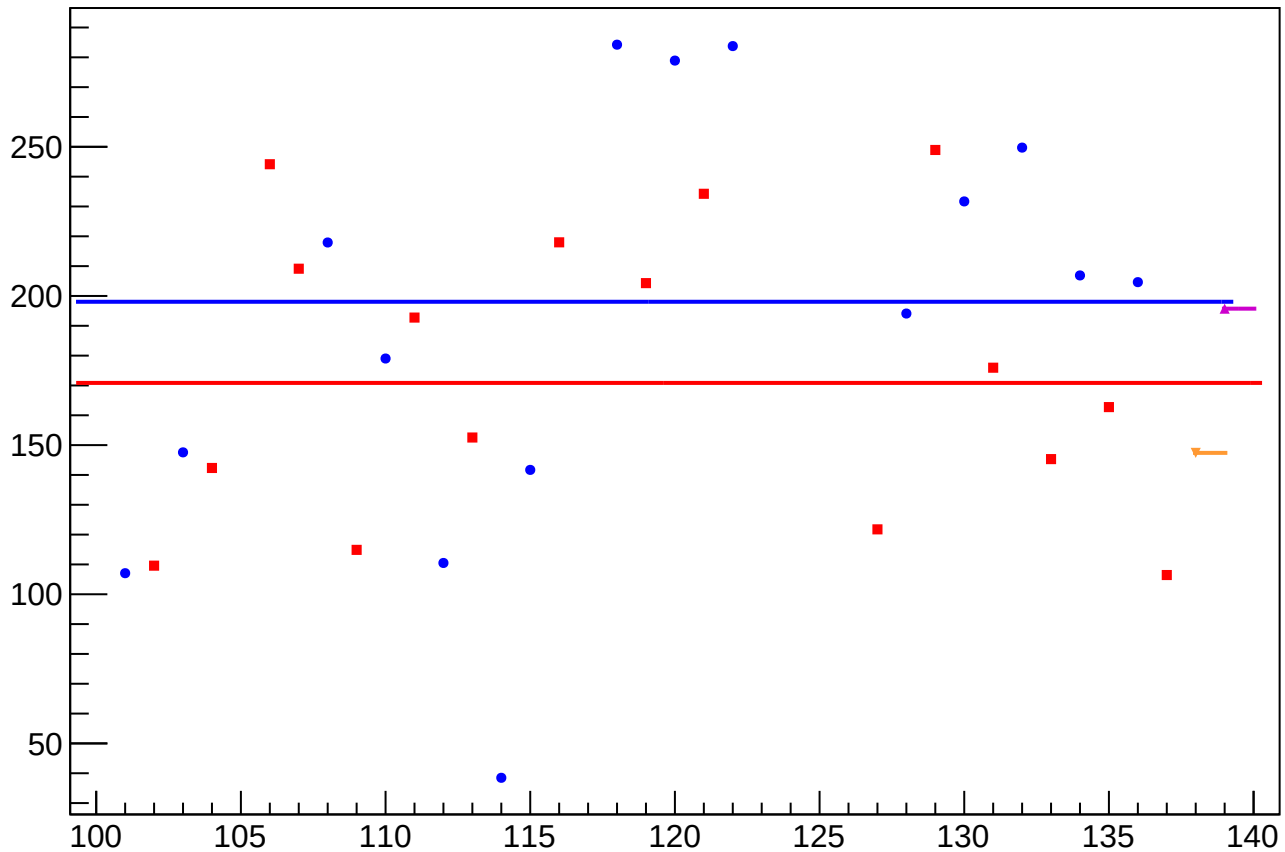
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_sam5_coil4_mean vs Slug



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



Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 147.397+/-0.000 χ^2/NDF : 0.0/0

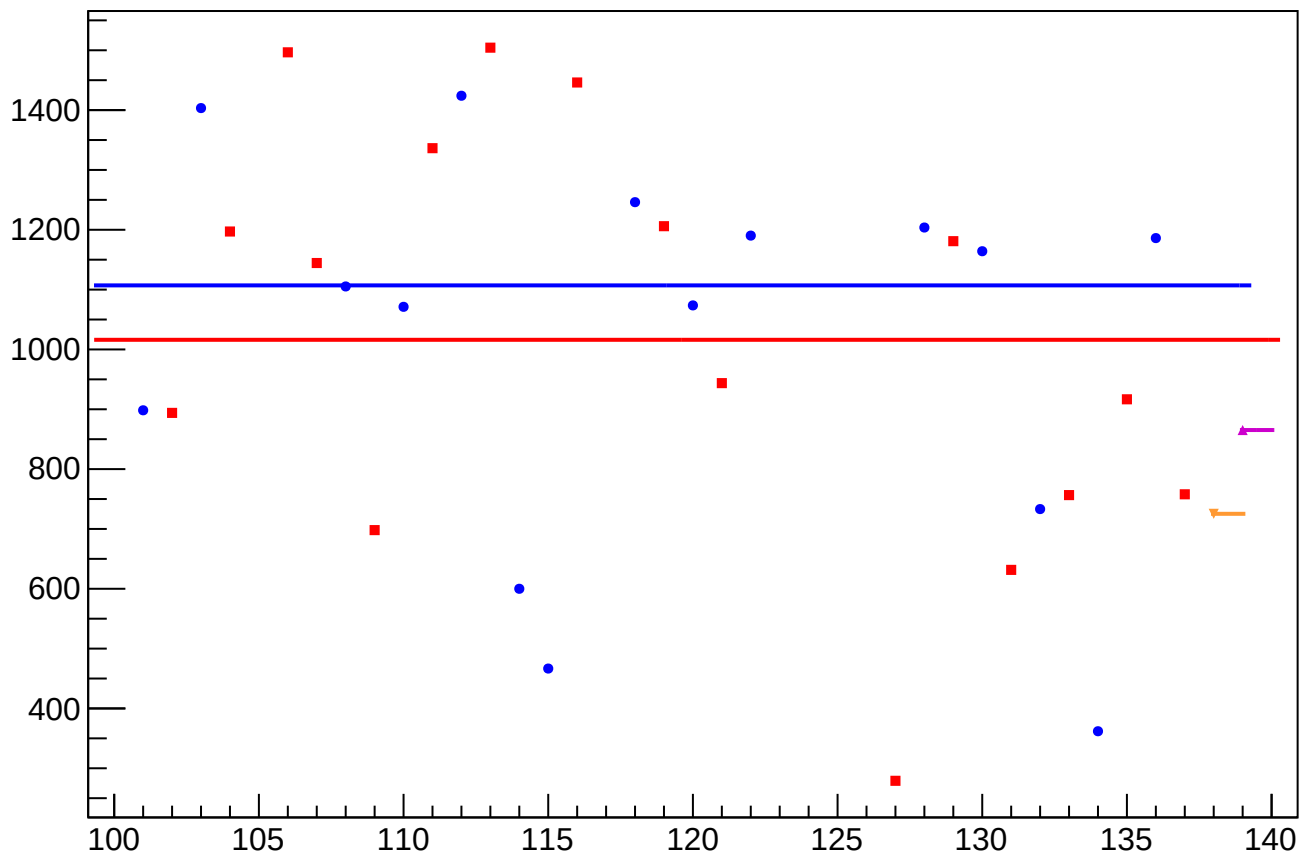
Right Out: 170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

Left In: 195.744+/-0.000 χ^2/NDF : 0.0/0

192.620+/-0.000 χ^2/NDF : 26616239094490171

172.555+/-0.000 χ^2/NDF : 14465984398745209

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

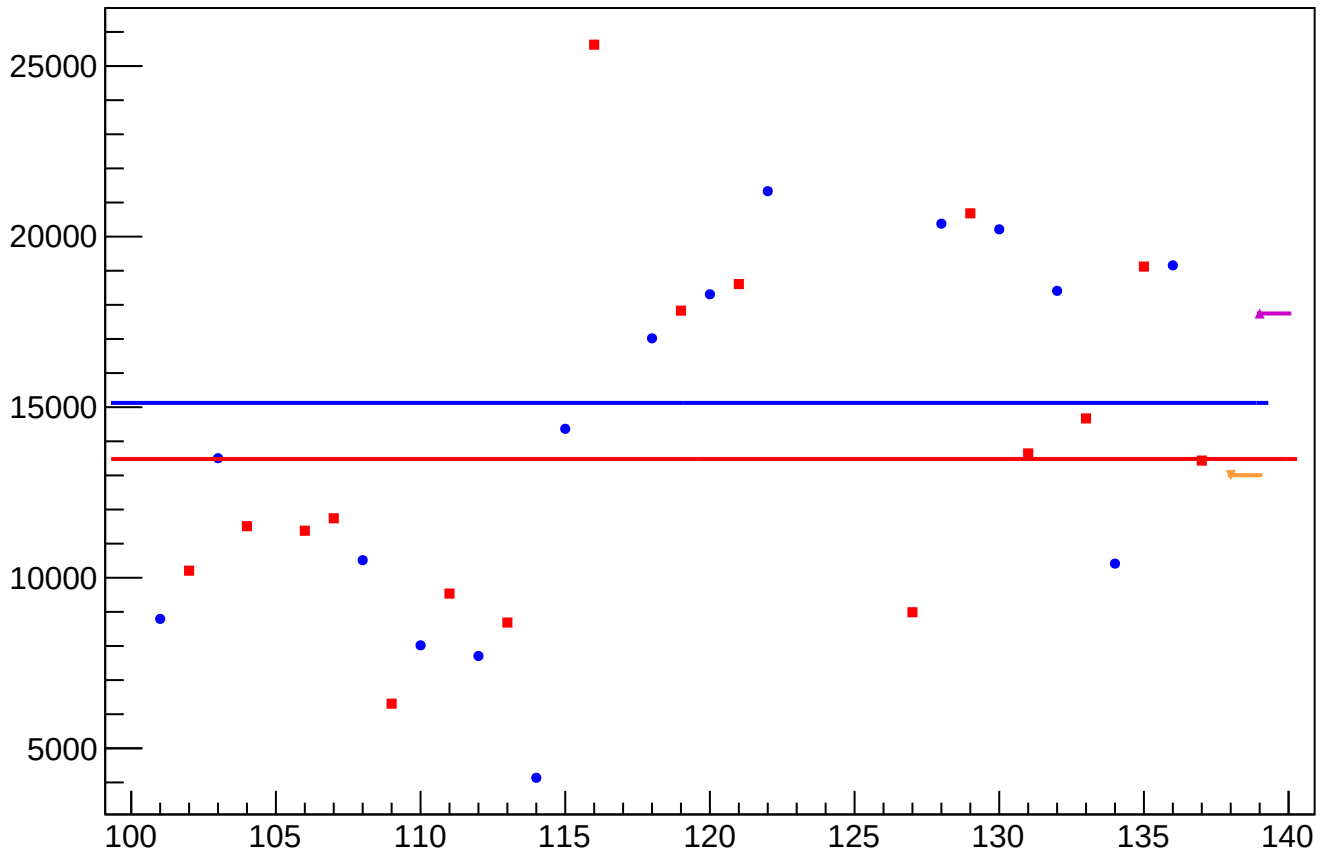
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

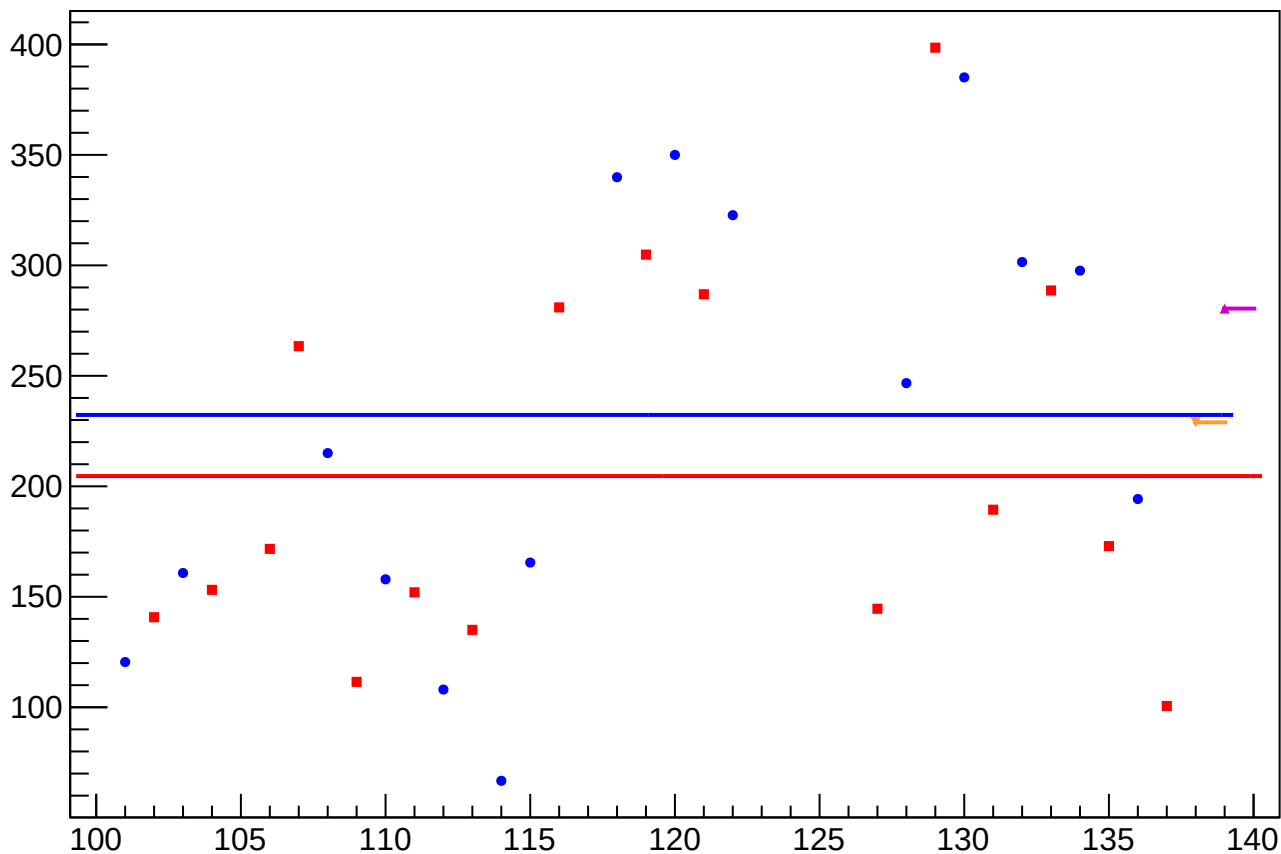
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_sam6_coil4_mean vs Slug



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



Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14

Left Out: 228.946+/-0.000 χ^2/NDF : 0.0/0

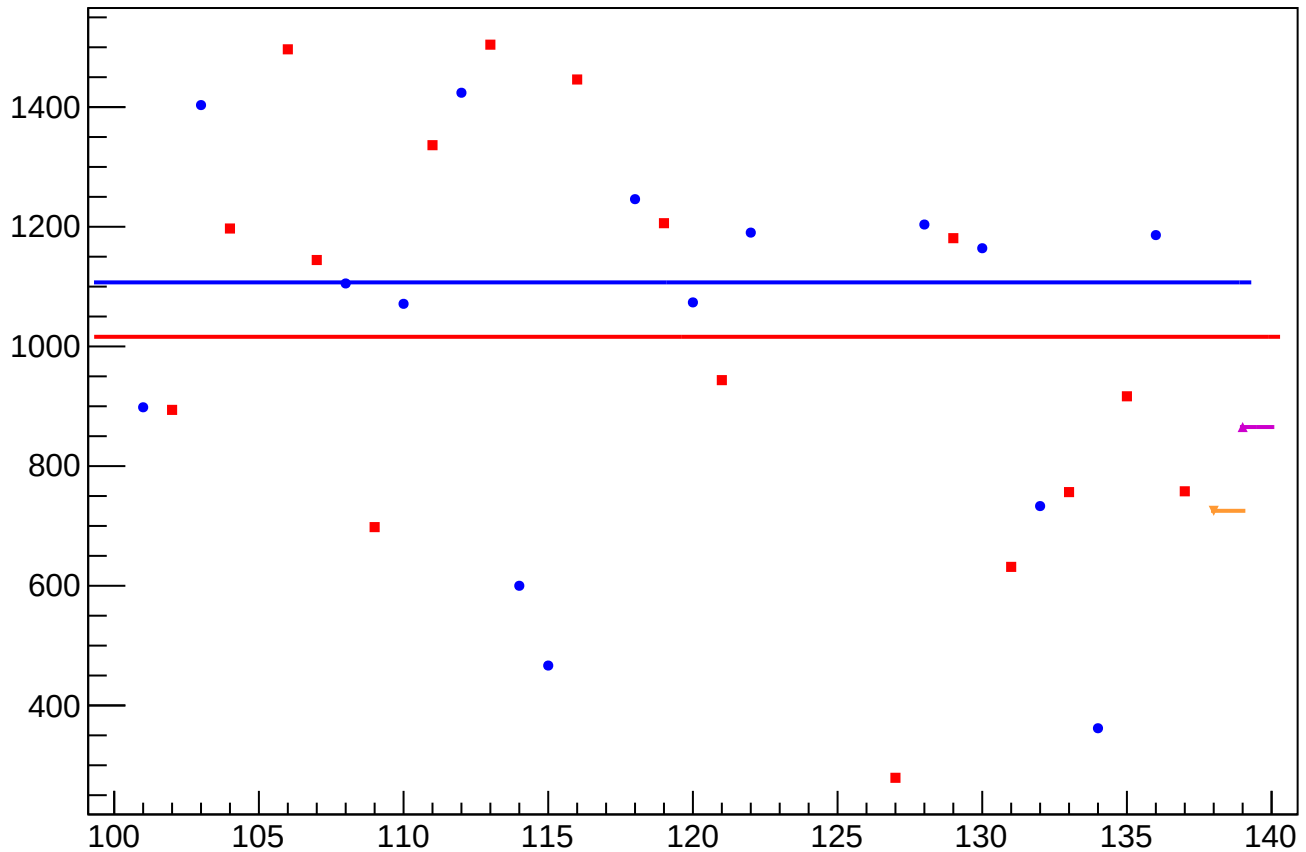
Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15

Left In: 280.443+/-0.000 χ^2/NDF : 0.0/0

231.951+/-0.000 χ^2/NDF : 54789730096101100

209.825+/-0.000 χ^2/NDF : 48173755506122234

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

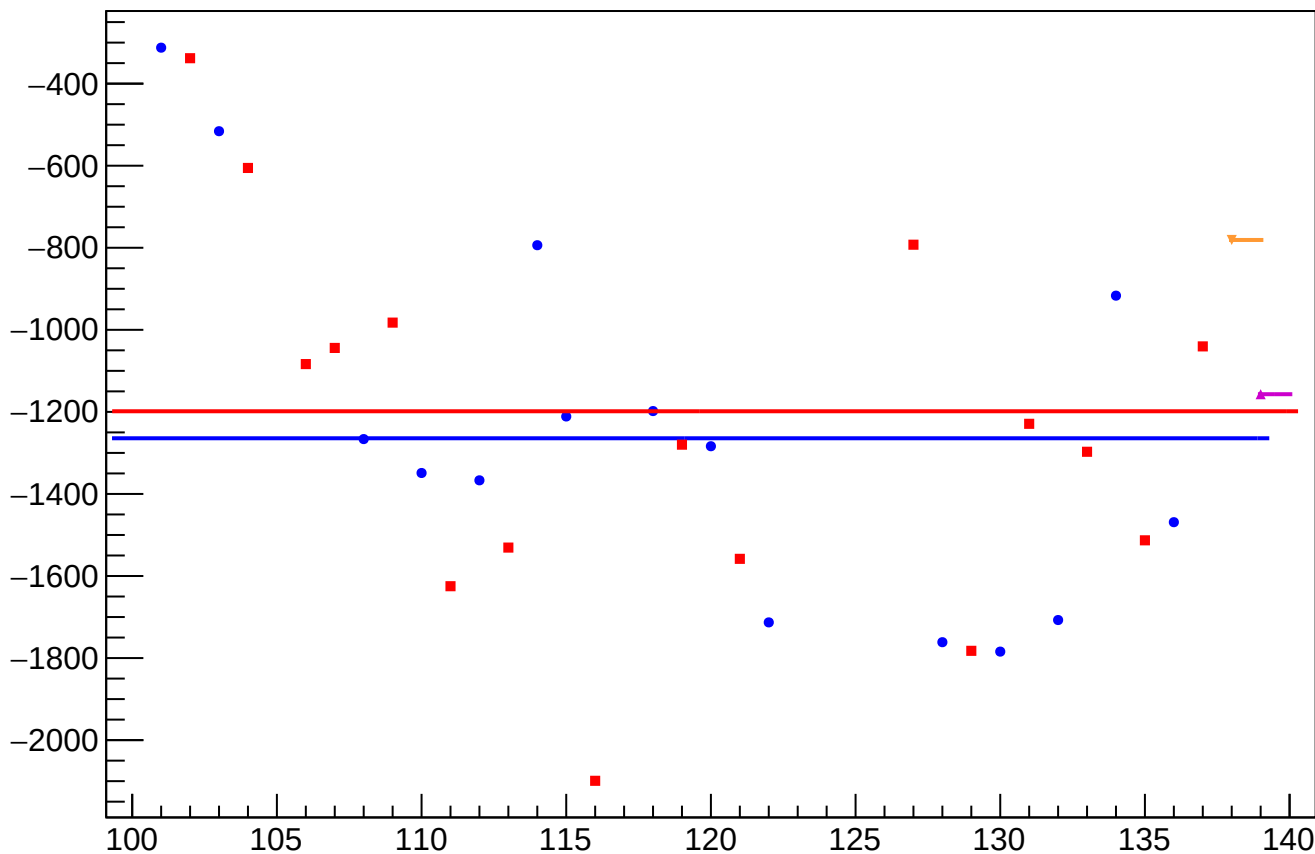
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

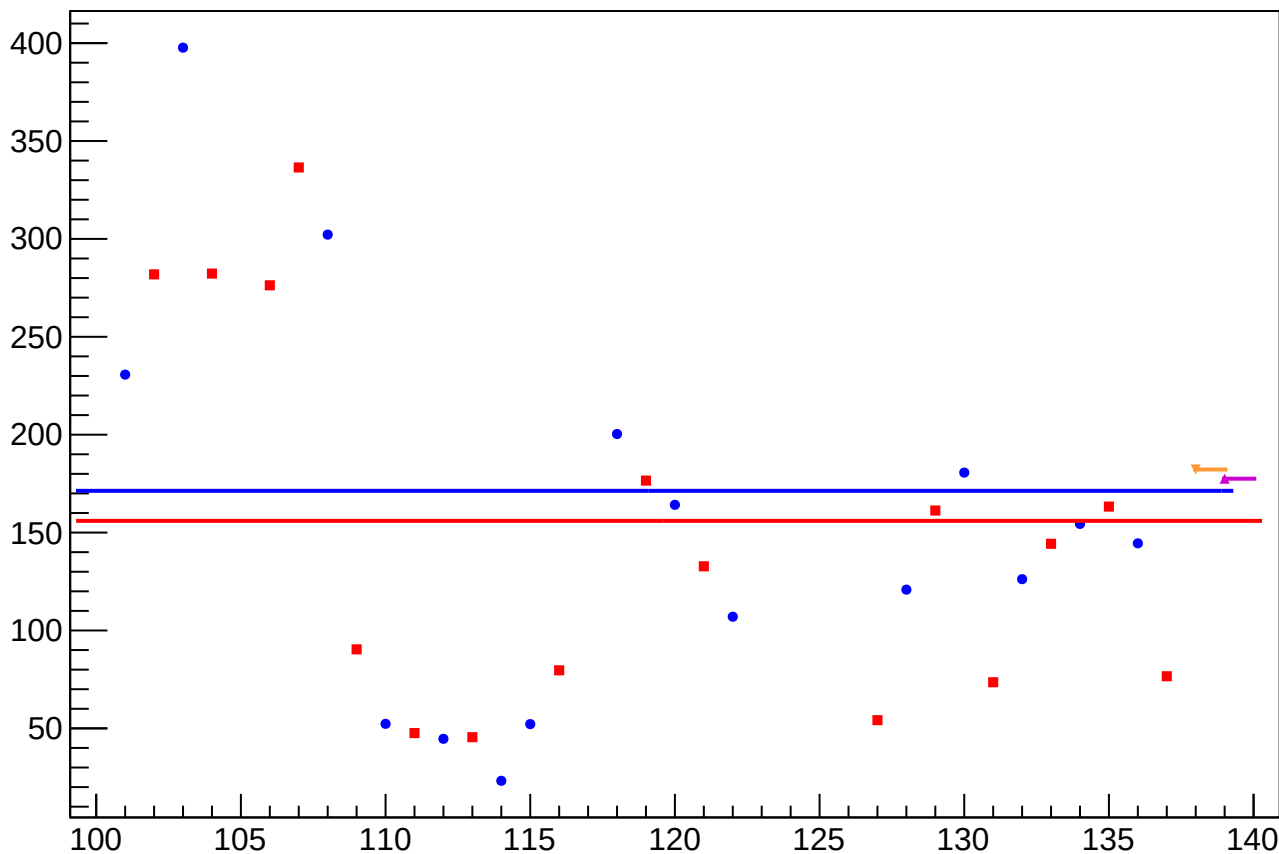
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_sam7_coil4_mean vs Slug



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



Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14

Left Out: 182.219+/-0.000 χ^2/NDF : 0.0/0

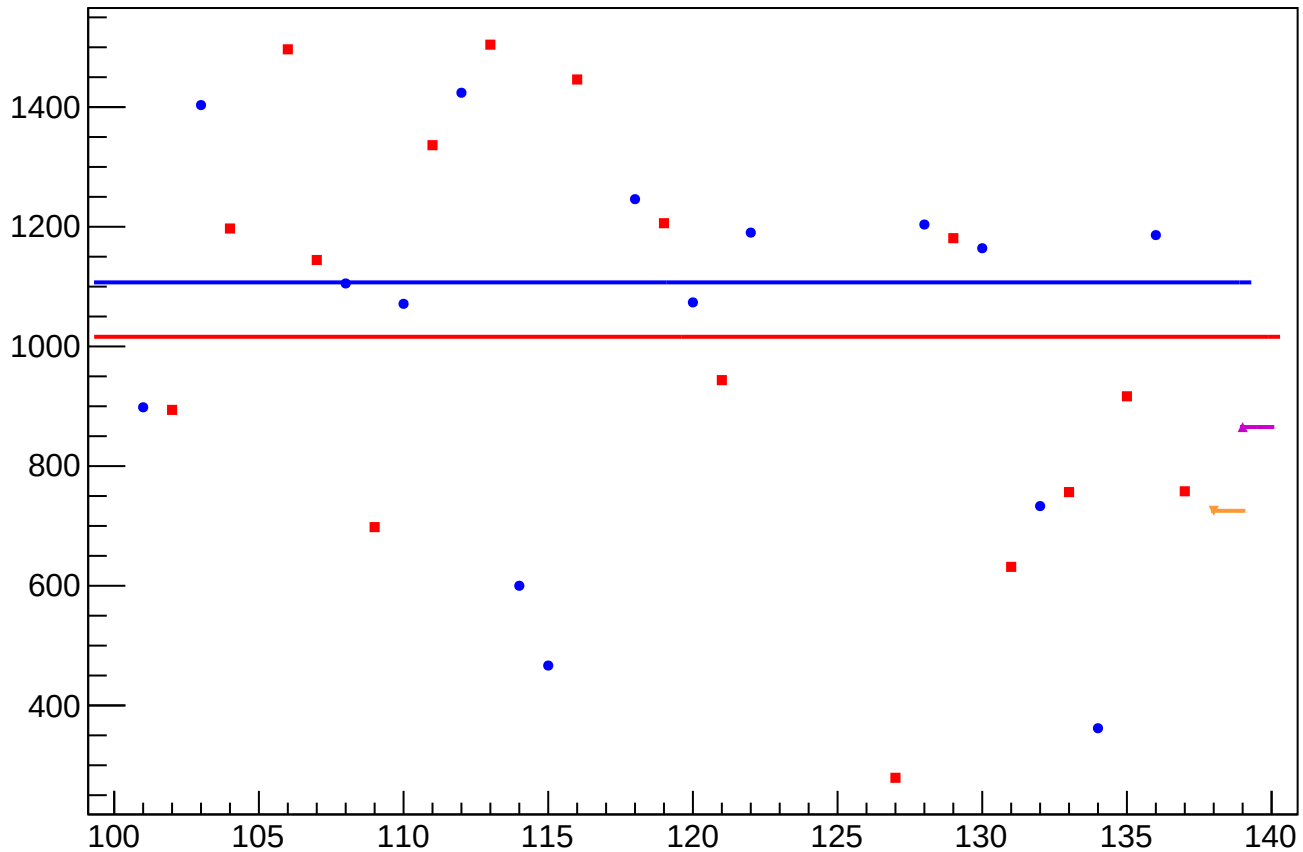
Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15

Left In: 177.521+/-0.000 χ^2/NDF : 39581.9/0

172.492+/-0.000 χ^2/NDF : 61292429770167180

157.467+/-0.000 χ^2/NDF : 57018145054499380

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

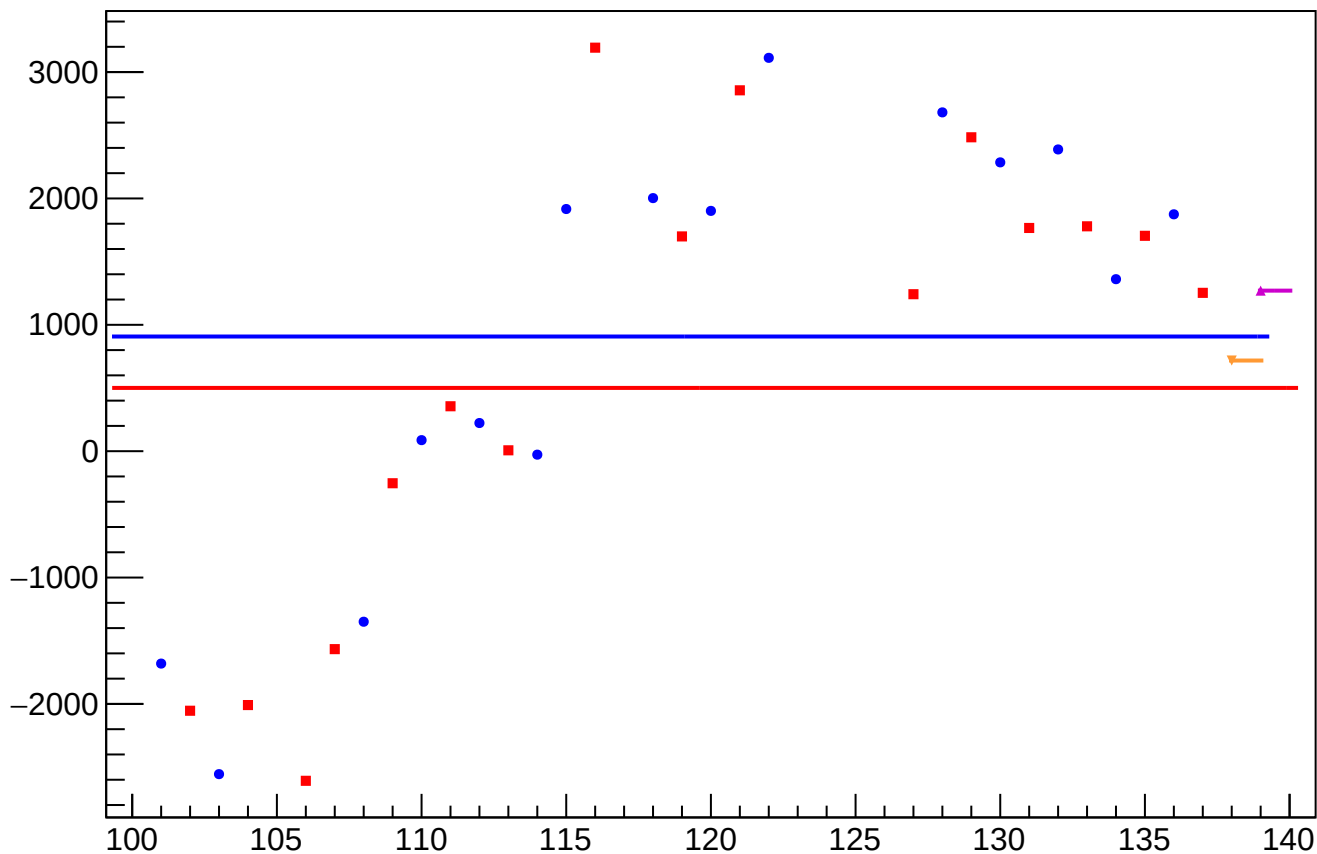
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

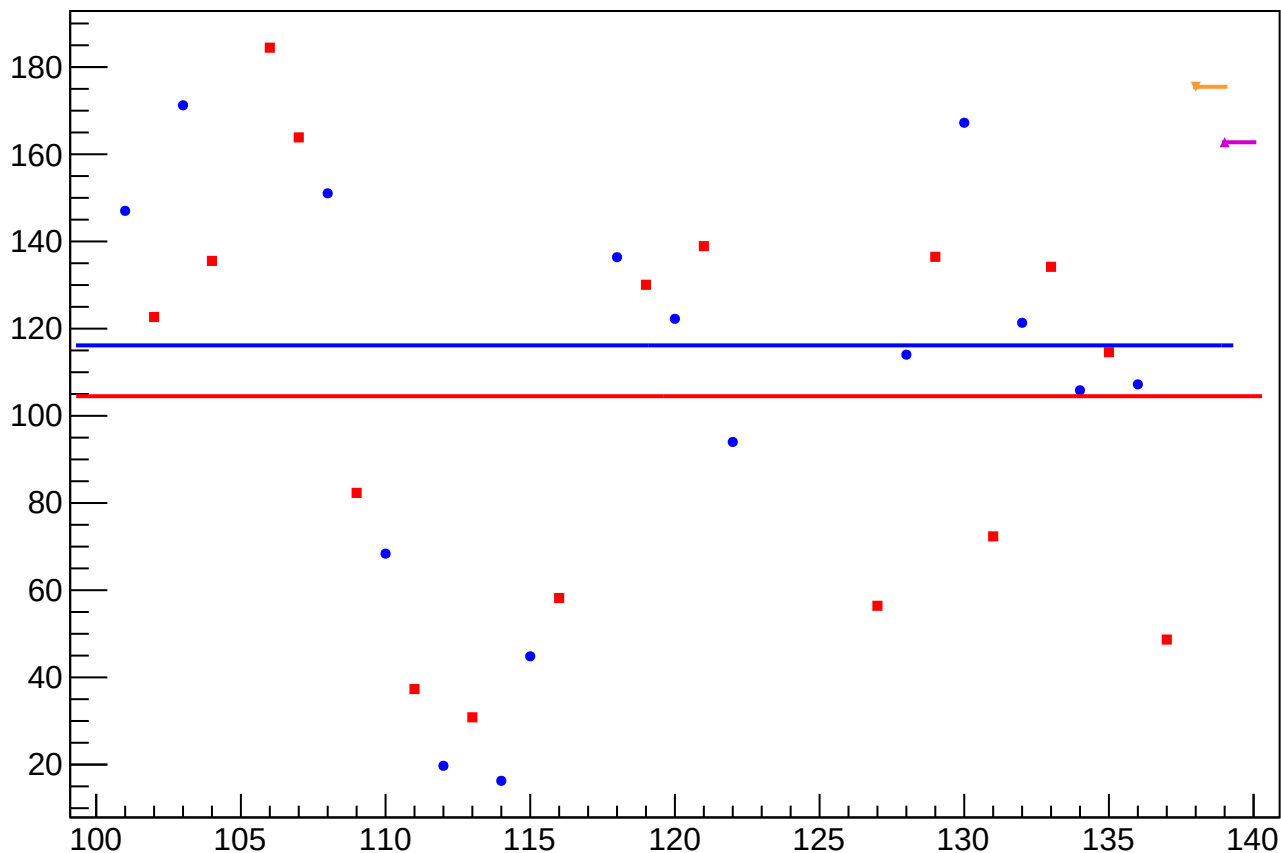
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_sam8_coil4_mean vs Slug



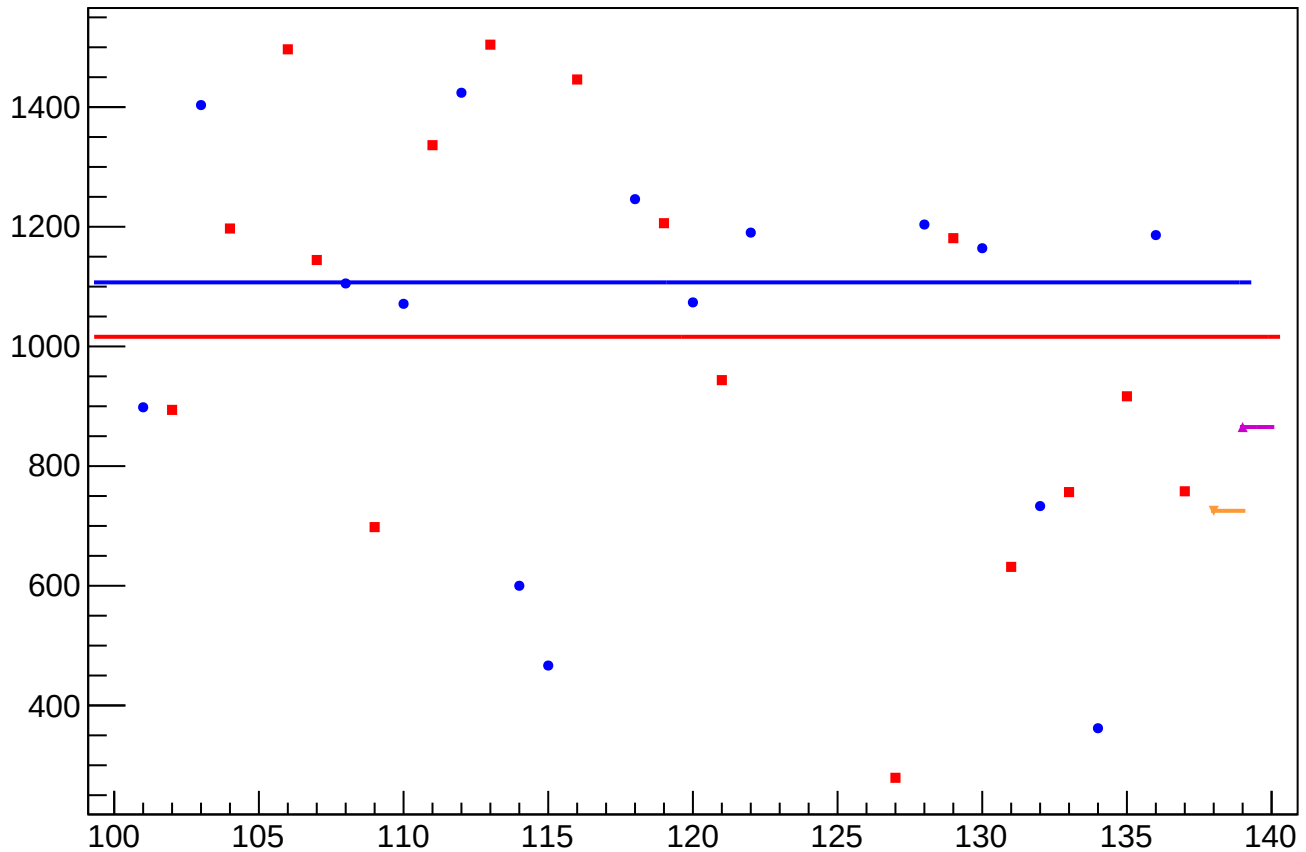
Right In: 907.442+/-0.000 χ^2/NDF : 2107238007691848638499662178406566461440.0/14
 Left Out: 717.393+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: 500.689+/-0.000 χ^2/NDF : 2074232918749953174436803426379074895872.0/15
 Left In: 1270.491+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 175.478+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: 162.752+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0

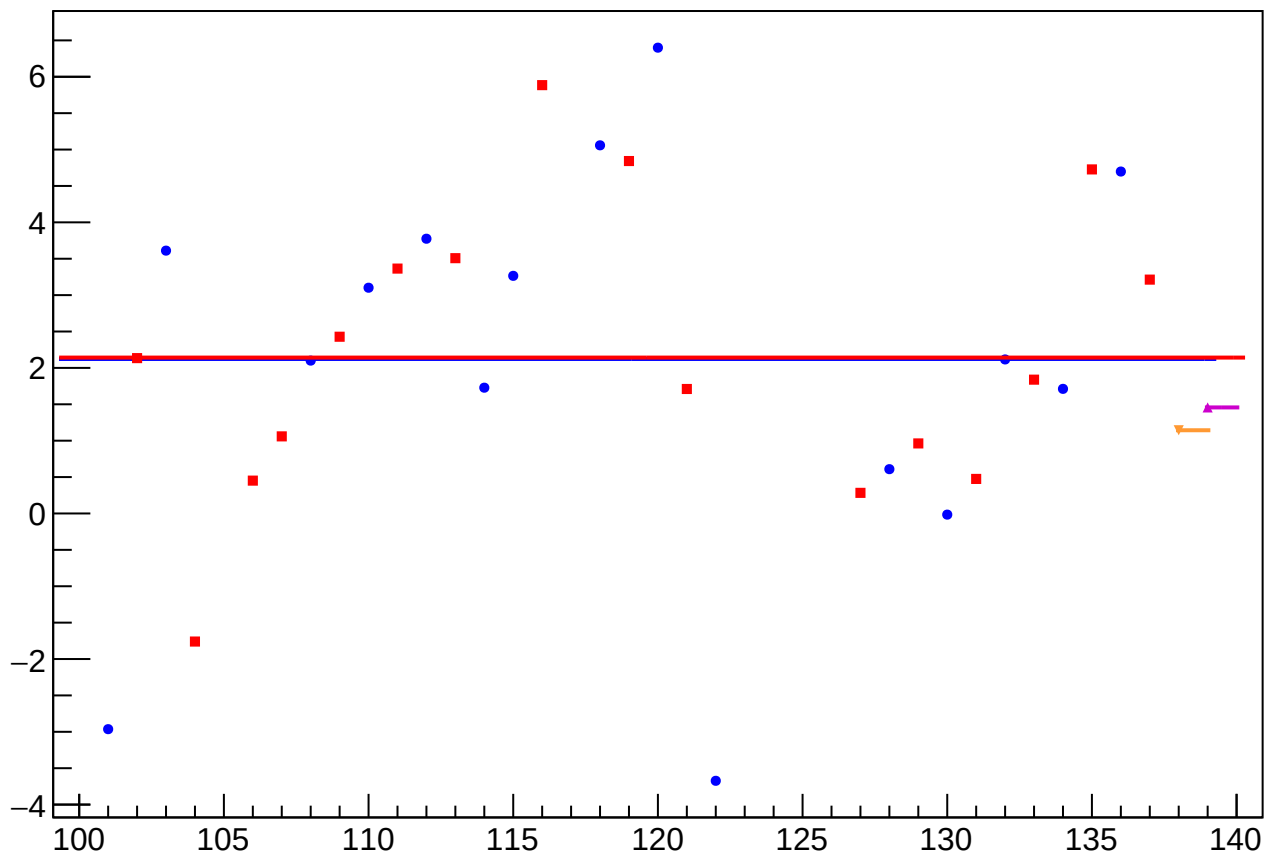
Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 865.306+/-0.000 χ^2/NDF : 0.0/0

1066.092+/-0.000 χ^2/NDF : 5078250459944977

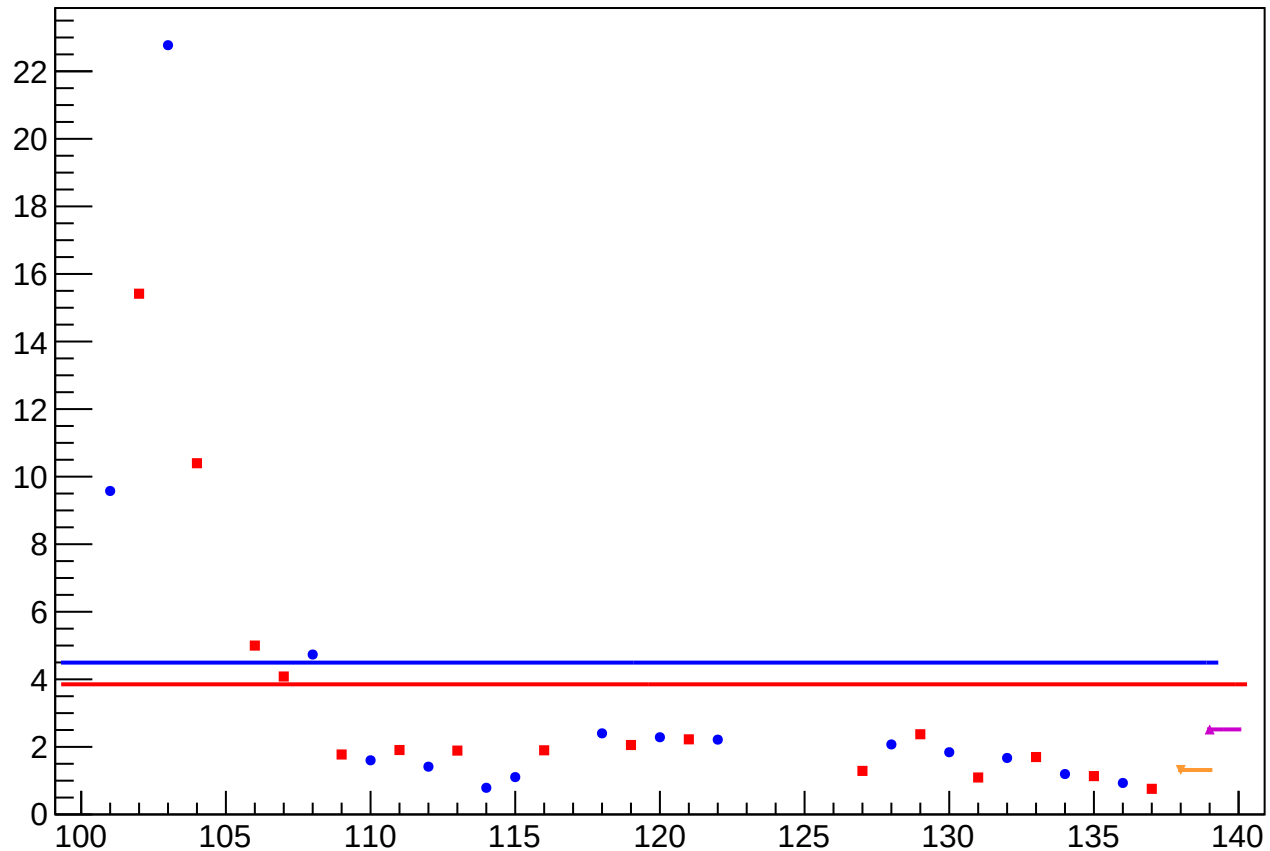
1005.786+/-0.000 χ^2/NDF : 7360570278893301

dit_4aX_coil6_mean vs Slug



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

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14

Left Out: 1.316+/-0.000 χ^2/NDF : 3.8/0

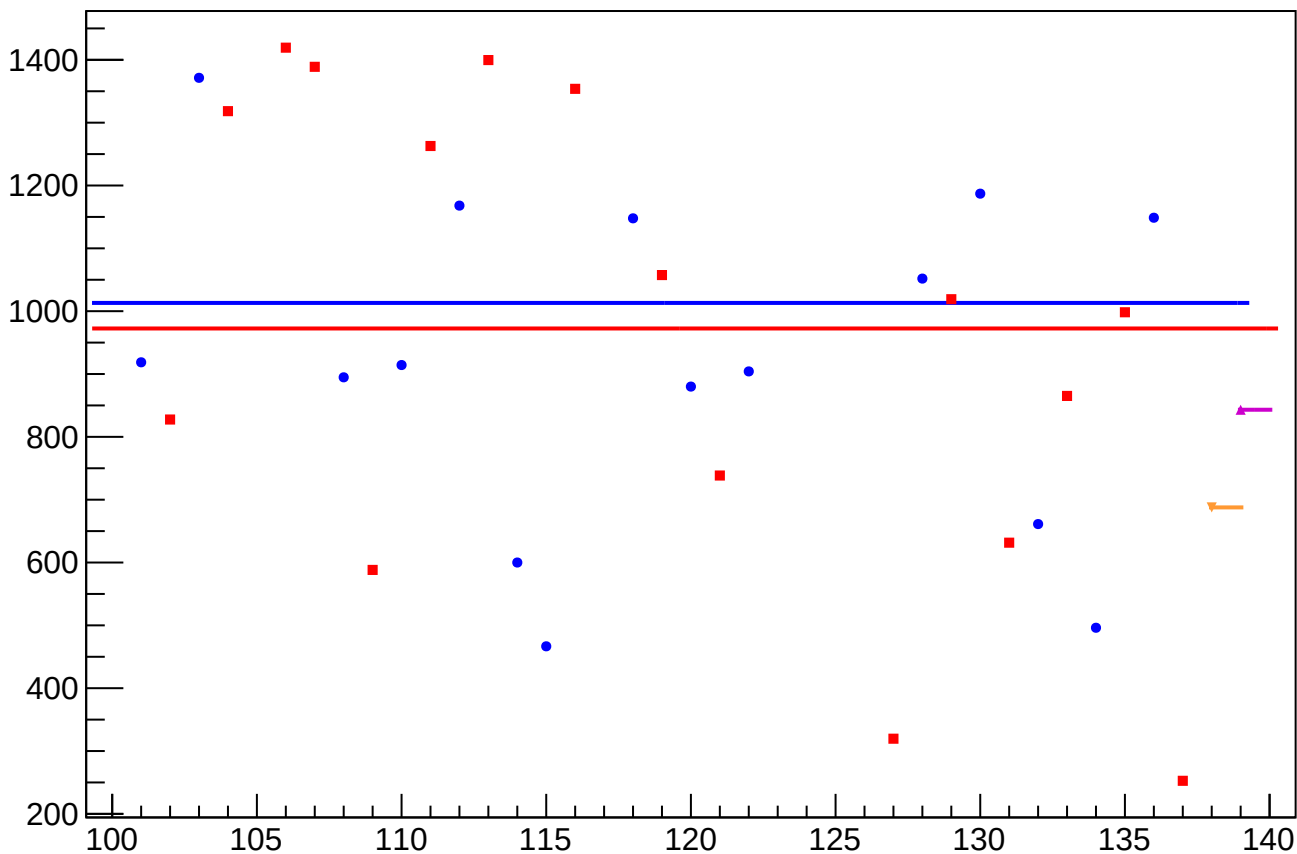
Right Out: 3.852+/-0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15

Left In: 2.517+/-0.000 χ^2/NDF : 0.0/0

4.154+/-0.000 χ^2/NDF : 2597408093643169581

3.761+/-0.000 χ^2/NDF : 1239633982755209280

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

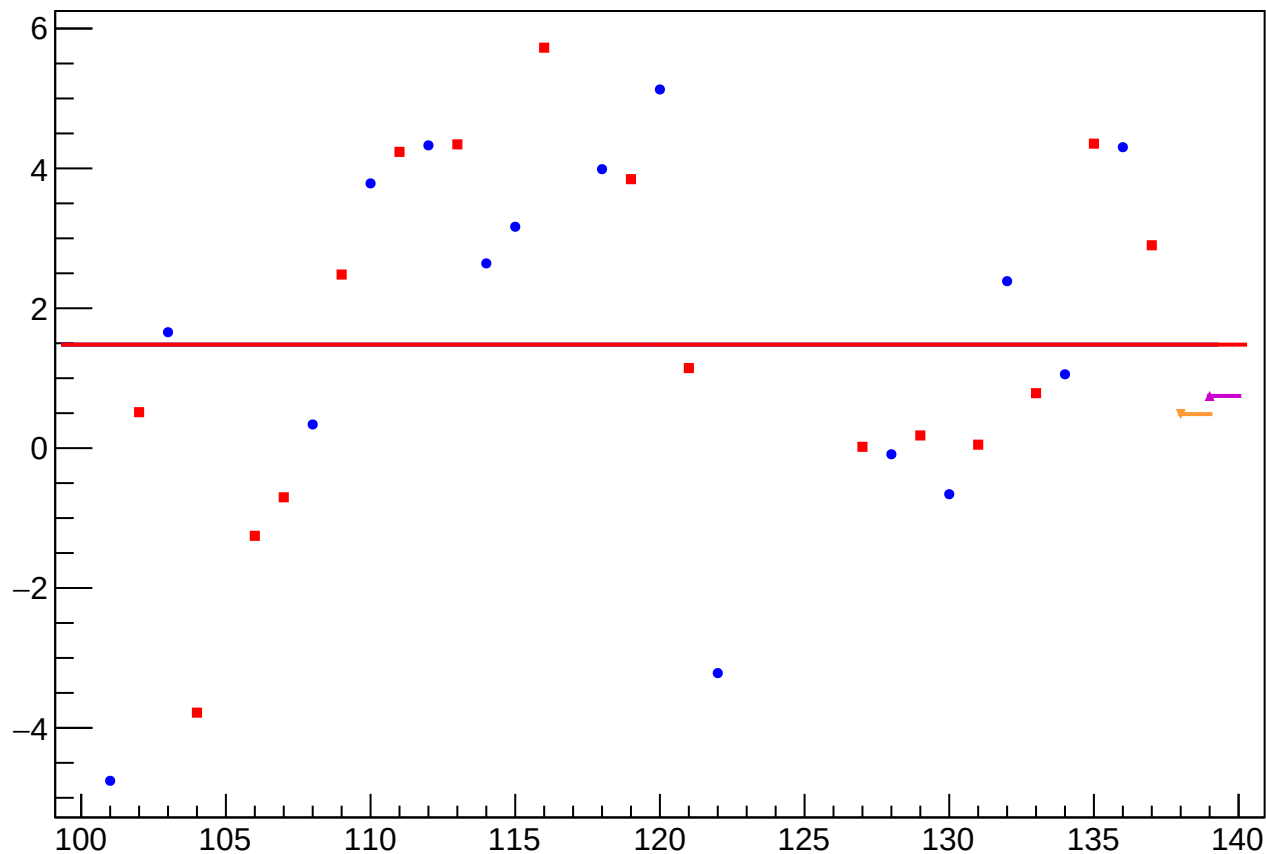
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_4eX_coil6_mean vs Slug



Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14

Left Out: 0.487 $\pm$ 0.000 χ^2 /NDF: 0.0/0

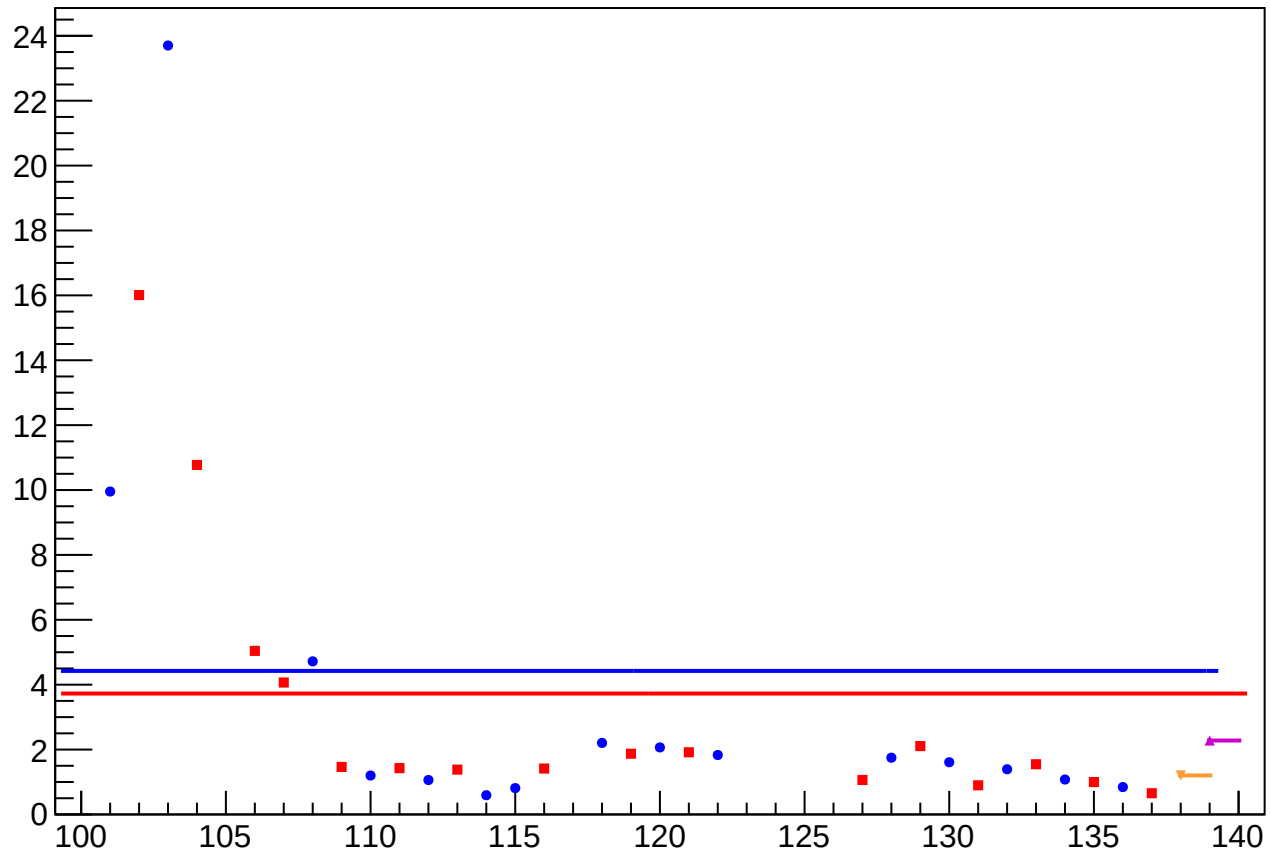
Right Out: 1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15

Left In: 0.746 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.373 $\pm$ 0.000 χ^2 /NDF: 5868372564042901446

1.430 $\pm$ 0.000 χ^2 /NDF: 4117219432706572353

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14

Left Out: 1.203+/-0.000 χ^2/NDF : 3.8/0

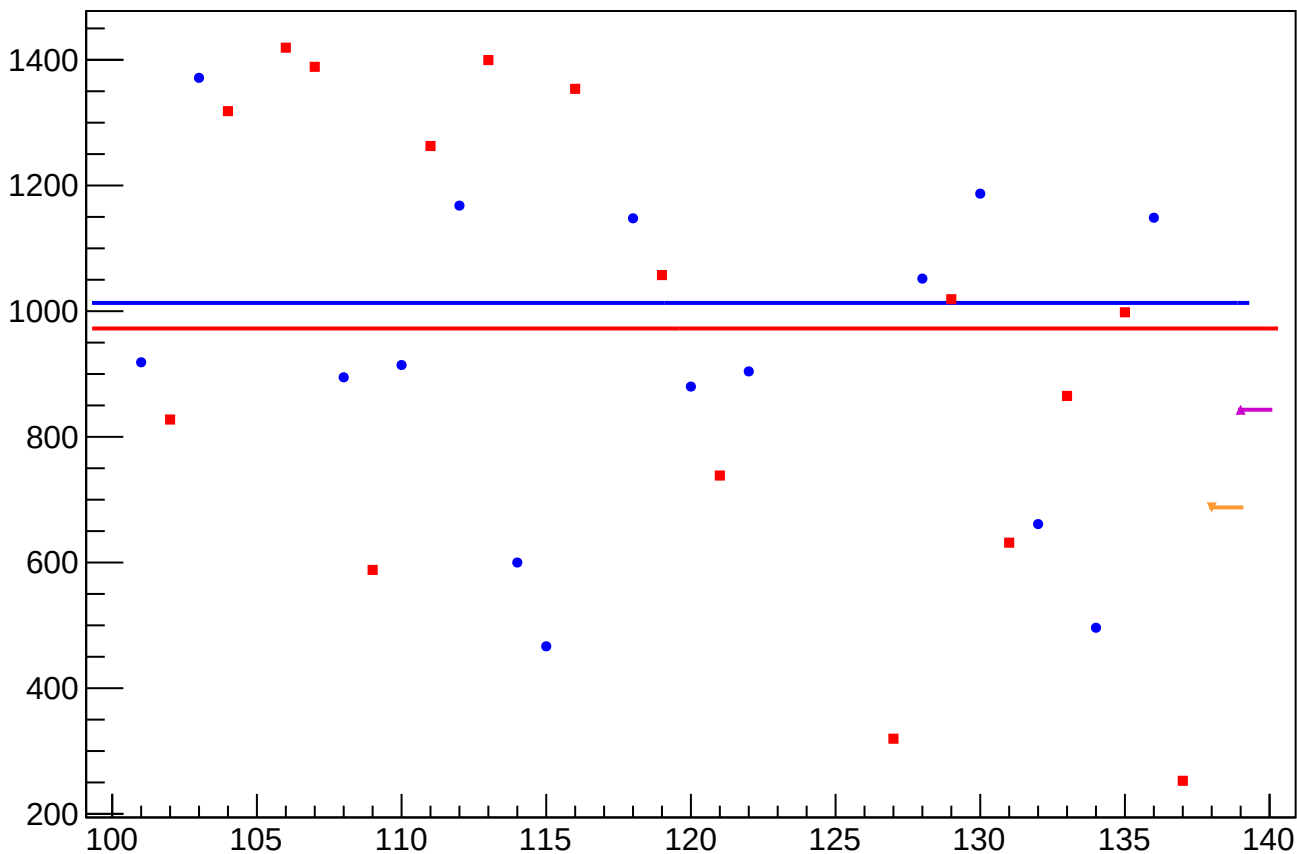
Right Out: 3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15

Left In: 2.279+/-0.000 χ^2/NDF : 0.0/0

4.079+/-0.000 χ^2/NDF : 2898005669490796682

3.628+/-0.000 χ^2/NDF : 1408758409469091430

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

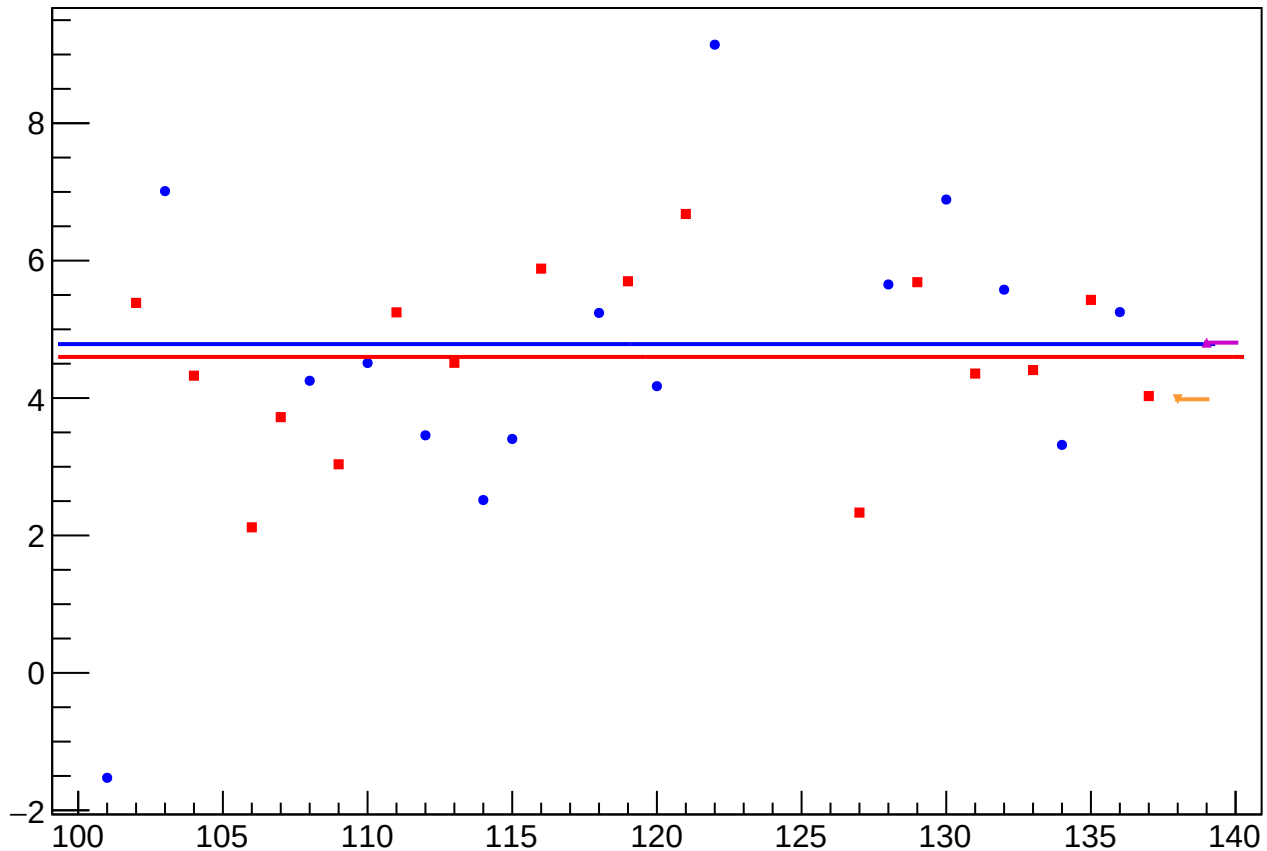
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_11X12X_coil6_mean vs Slug



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

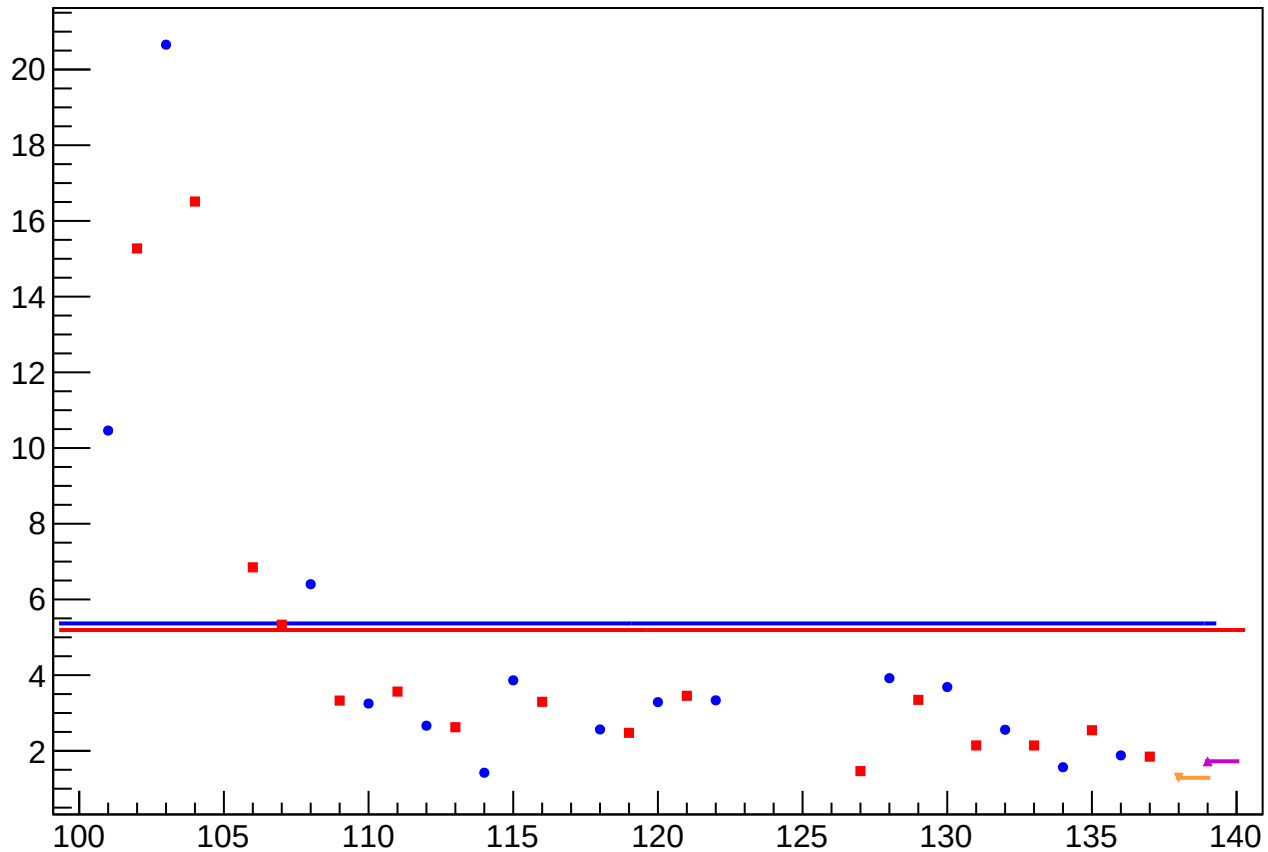
Right Out: 4.598 $\pm$ 0.000 χ^2 /NDF: 989607156792948633247632779640832.0/15

Left In: 4.806 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.699 $\pm$ 0.000 χ^2 /NDF: 4041466704886499360

4.613 $\pm$ 0.000 χ^2 /NDF: 9915852710989259950

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 1.288+/-0.000 χ^2/NDF : 0.0/0

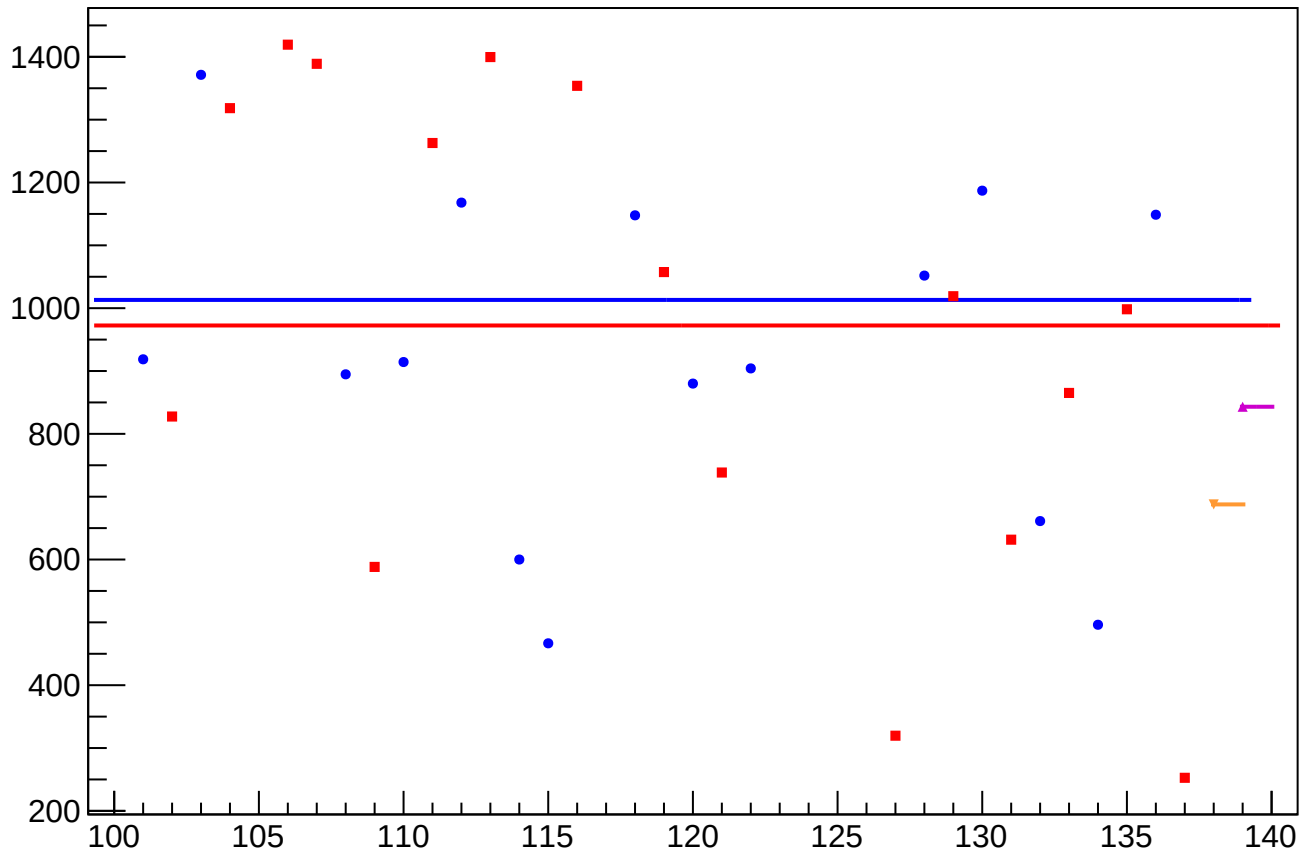
Right Out: 5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

Left In: 1.725+/-0.000 χ^2/NDF : 0.0/0

4.929+/-0.000 χ^2/NDF : 1993862034349155400

4.955+/-0.000 χ^2/NDF : 1629837216363460490

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

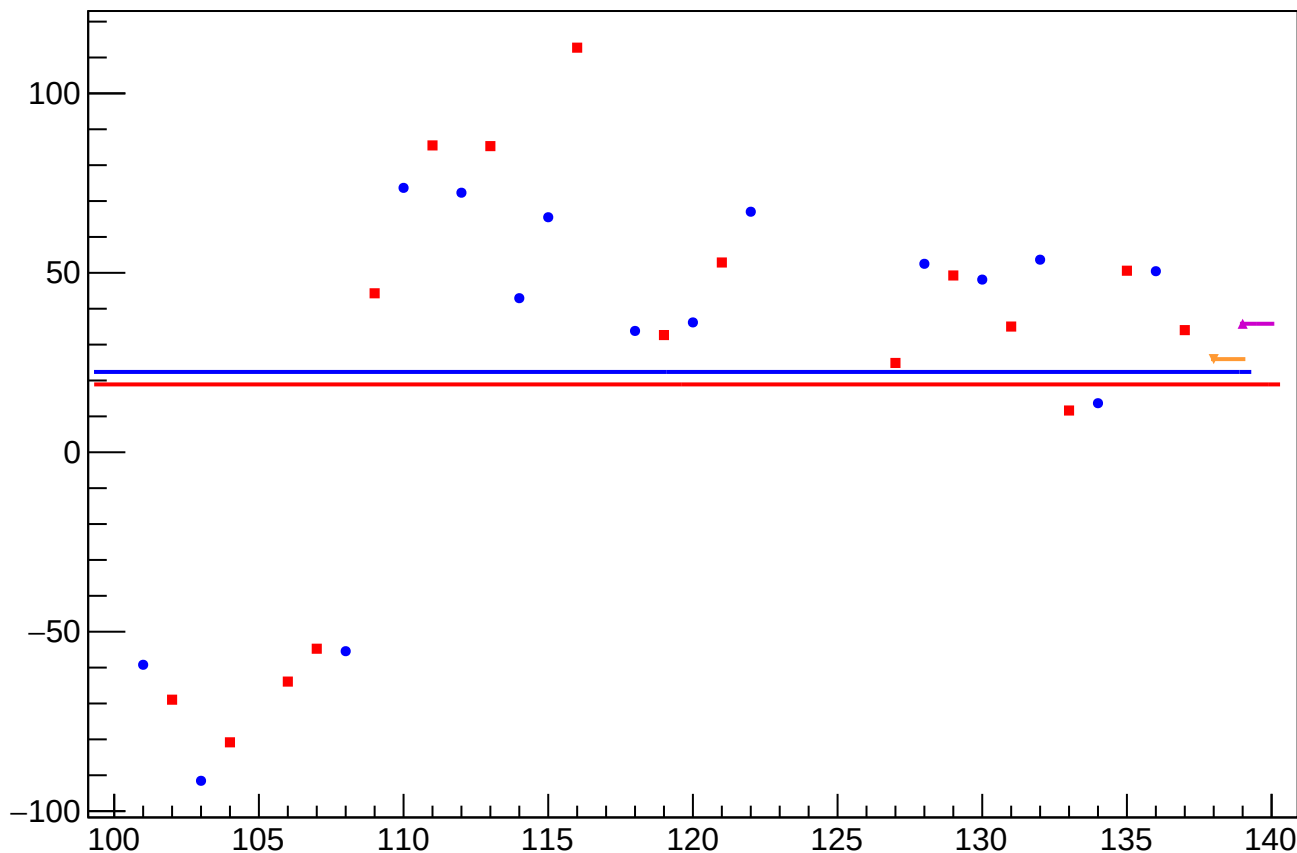
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

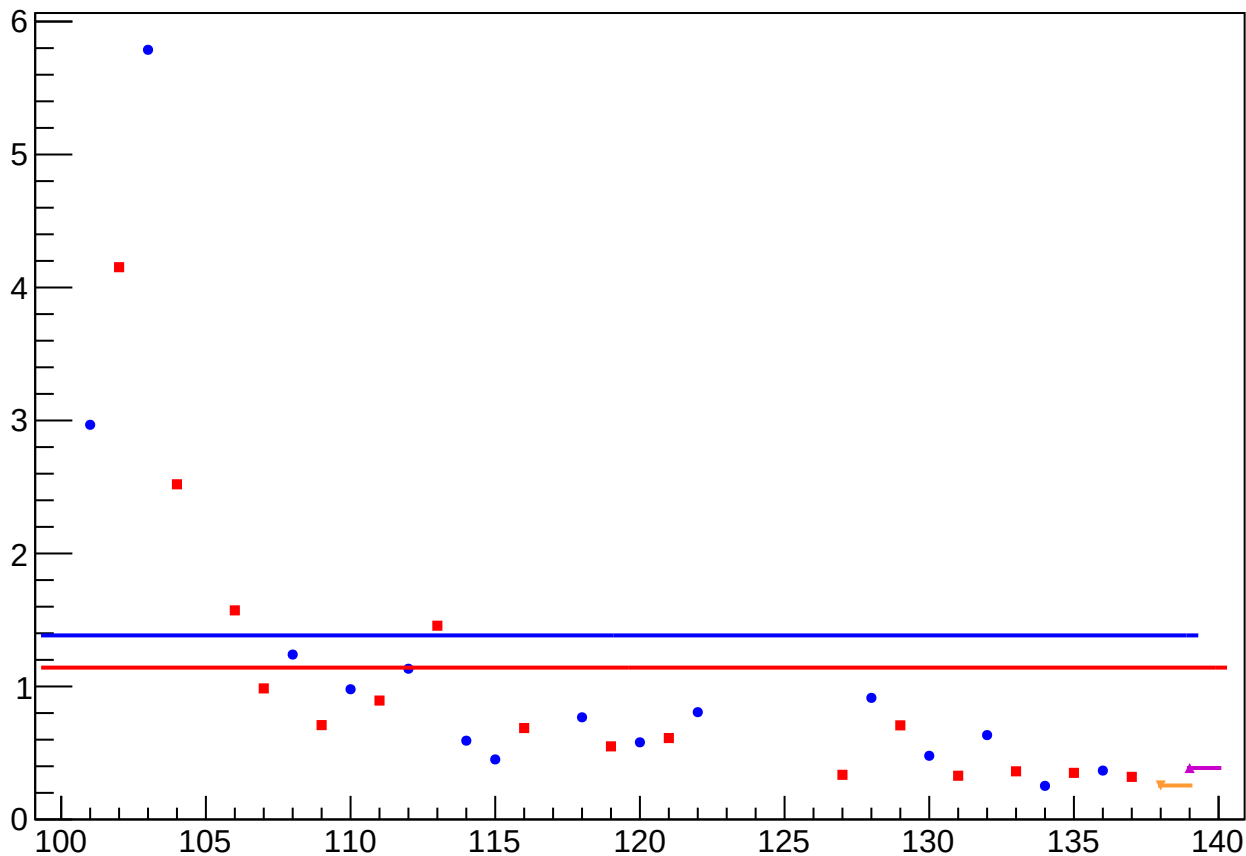
963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14
 Left Out: 25.956+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15
 Left In: 35.808+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14

Left Out: 0.255+/-0.000 χ^2/NDF : 0.0/0

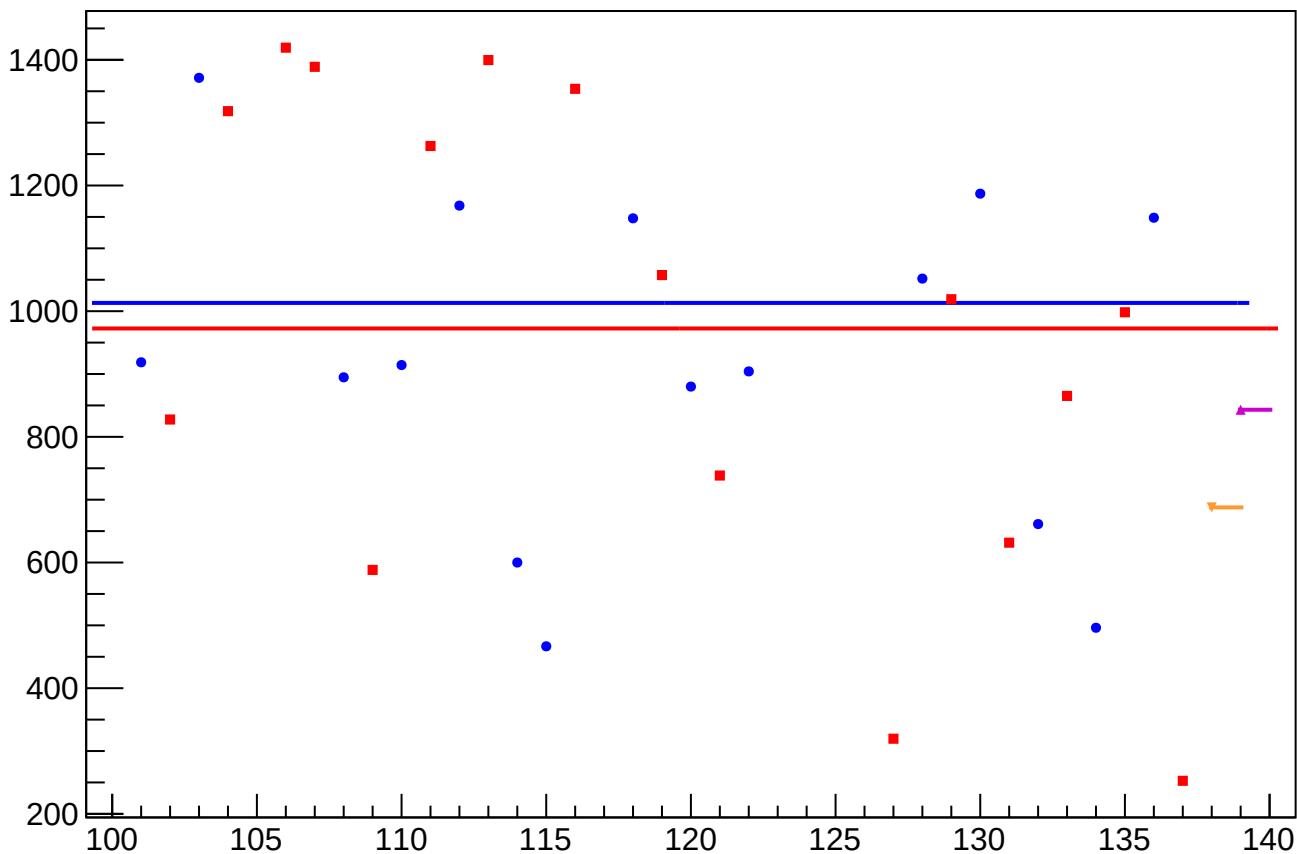
Right Out: 1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15

Left In: 0.387+/-0.000 χ^2/NDF : 0.0/0

1.263+/-0.000 χ^2/NDF : 1659846731282333305

1.090+/-0.000 χ^2/NDF : 8366925348757422540

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

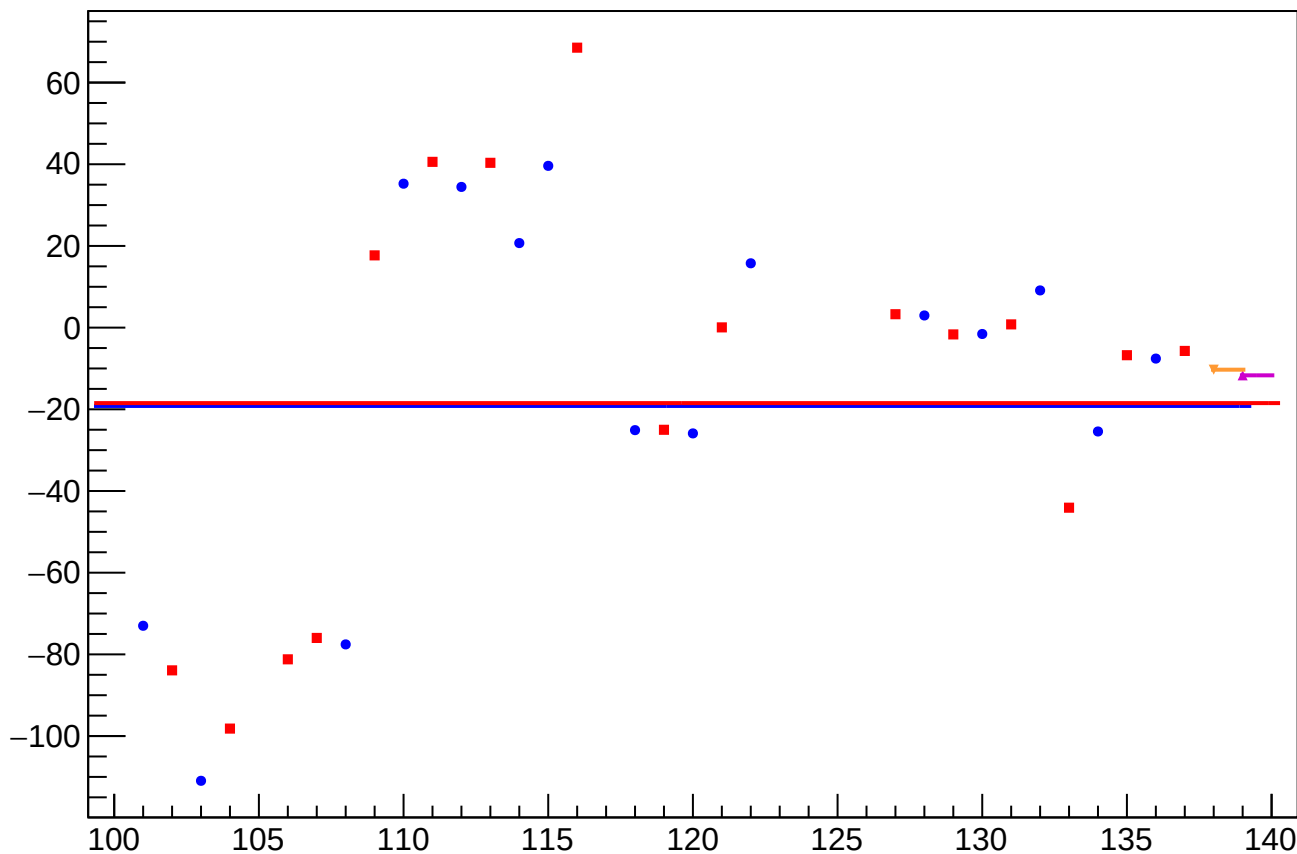
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -10.298+/-0.000 χ^2/NDF :246.1/0

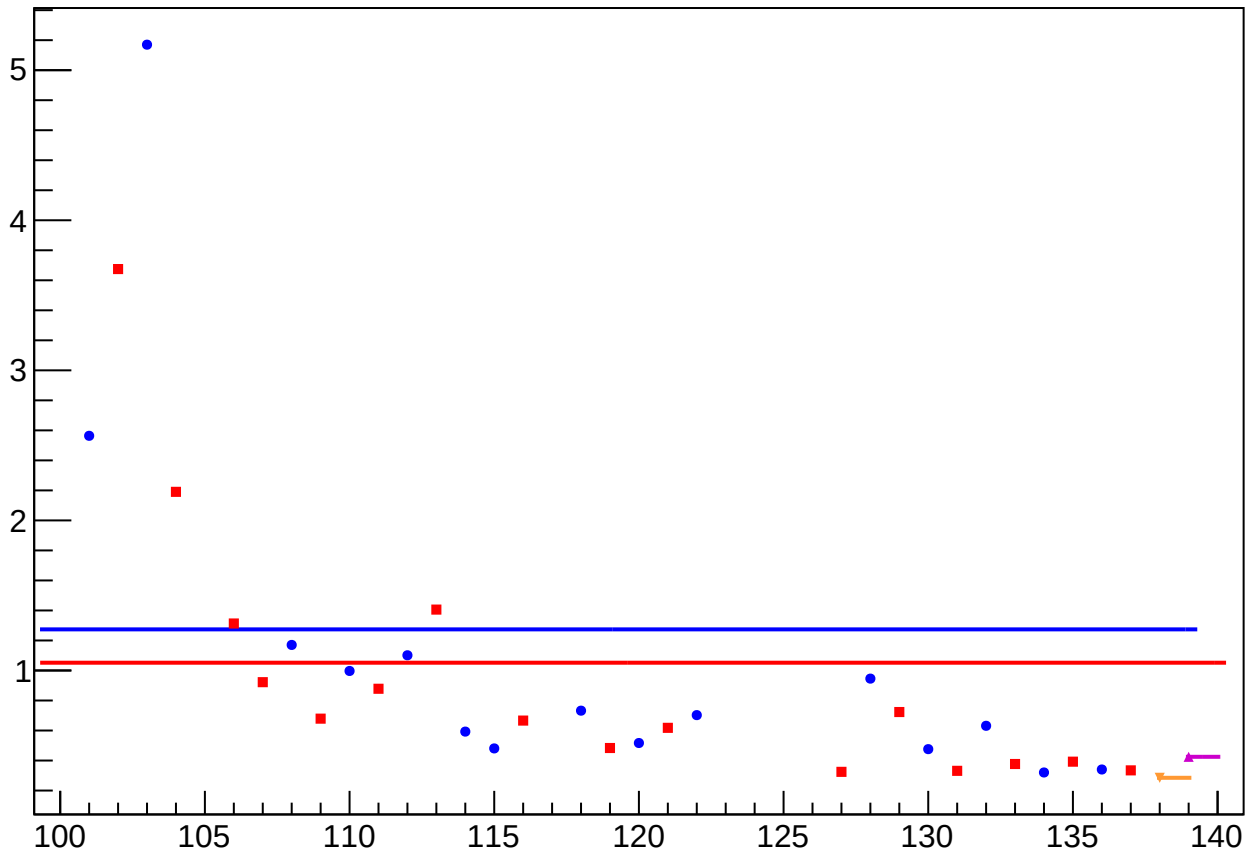
Right Out: -18.479+/-0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

Left In: -11.681+/-0.000 χ^2/NDF :154.6/0

-18.223+/-0.000 χ^2/NDF : 12518516611611164

-18.014+/-0.000 χ^2/NDF : 14915074419875734

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14

Left Out: 0.285+/-0.000 χ^2/NDF : 0.2/0

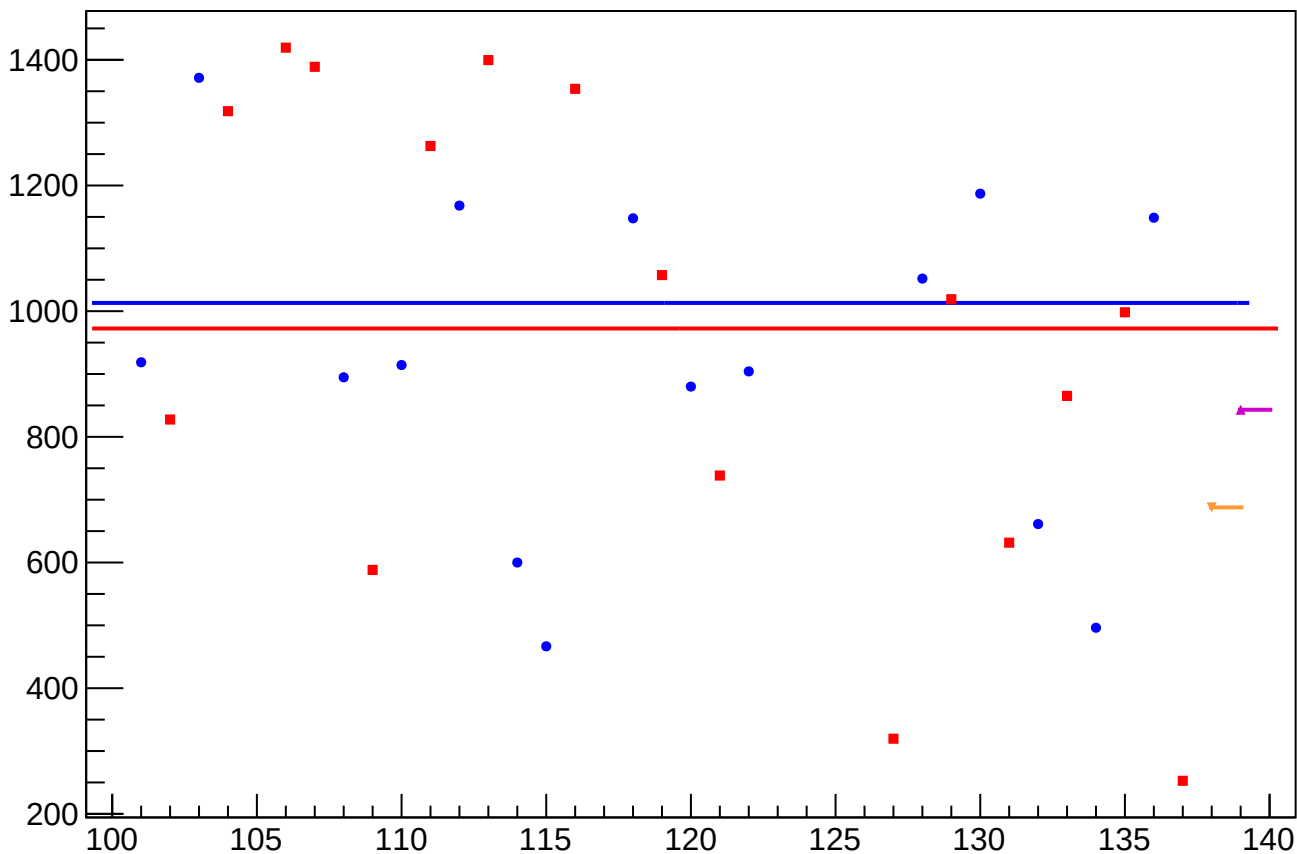
1.168+/-0.000 χ^2/NDF : 1280152607799390102

Right Out: 1.052+/-0.000 χ^2/NDF : 607316121057753919194559126962176.0/15

1.009+/-0.000 χ^2/NDF : 6252614453915261245

Left In: 0.425+/-0.000 χ^2/NDF : 0.2/0

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

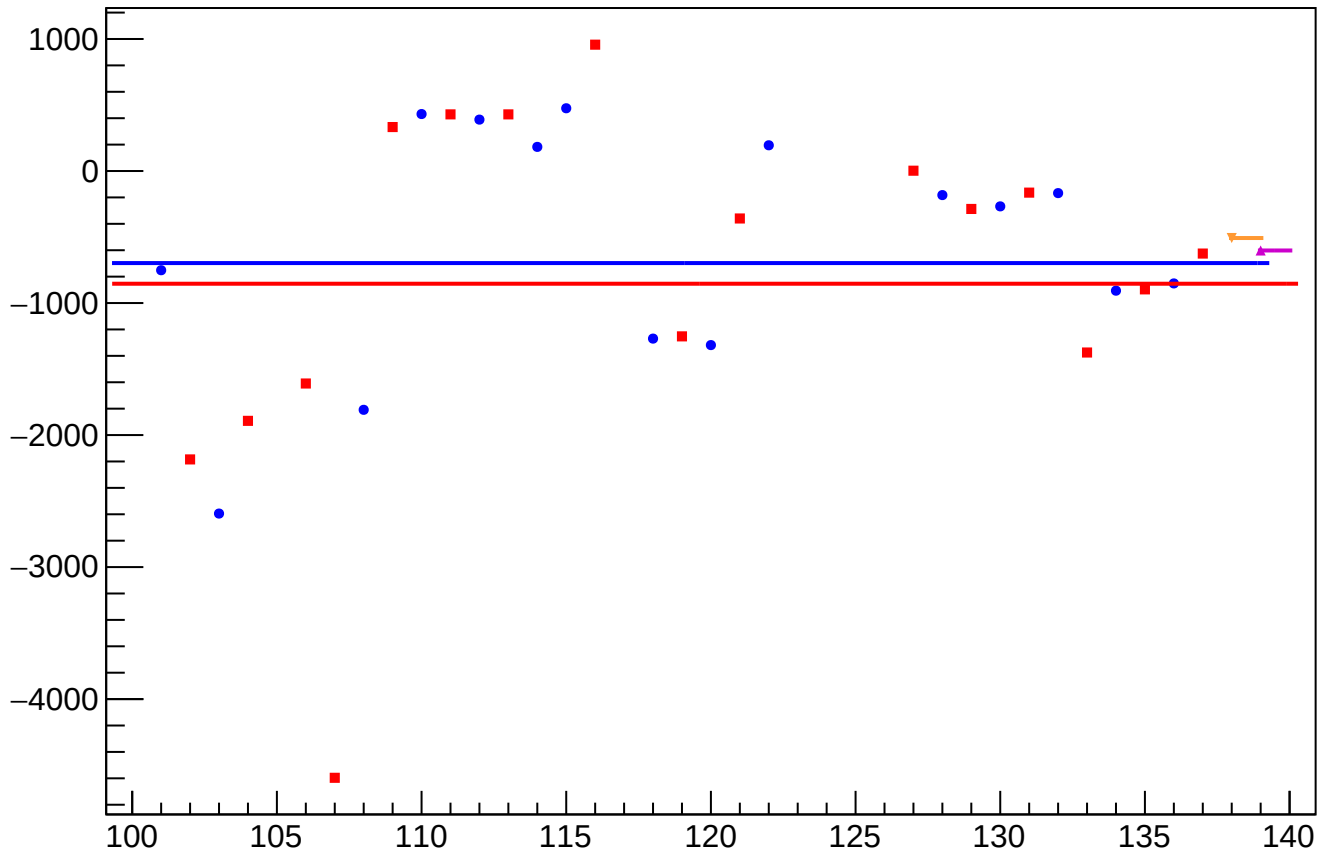
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14

Left Out: -507.560+/-0.000 χ^2/NDF : 252031.6/0

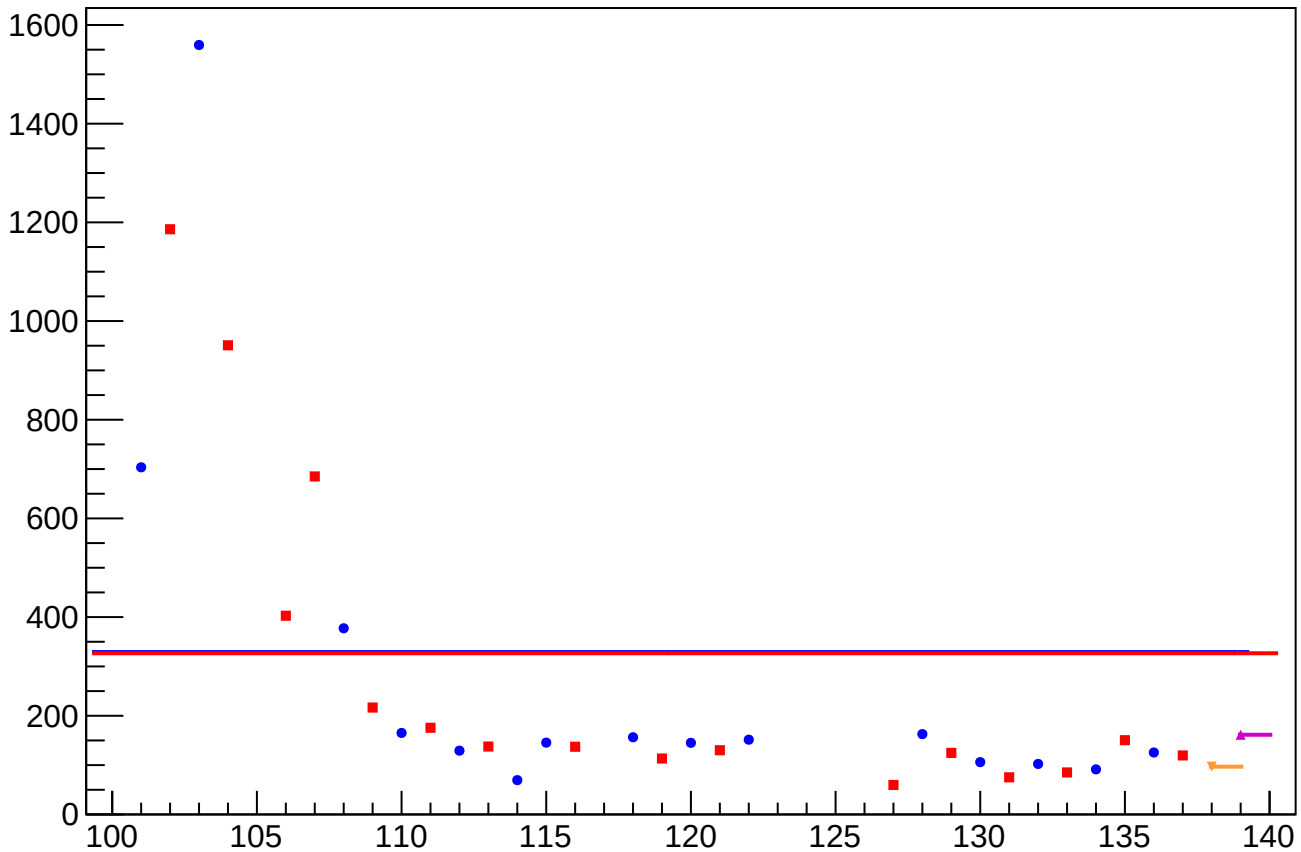
Right Out: -853.734+/-0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15

Left In: -601.925+/-0.000 χ^2/NDF : 0.0/0

-676.927+/-0.000 χ^2/NDF : 4929421542199361

-836.501+/-0.000 χ^2/NDF : 1081273362671339

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 96.861+/-0.000 χ^2/NDF : 0.0/0

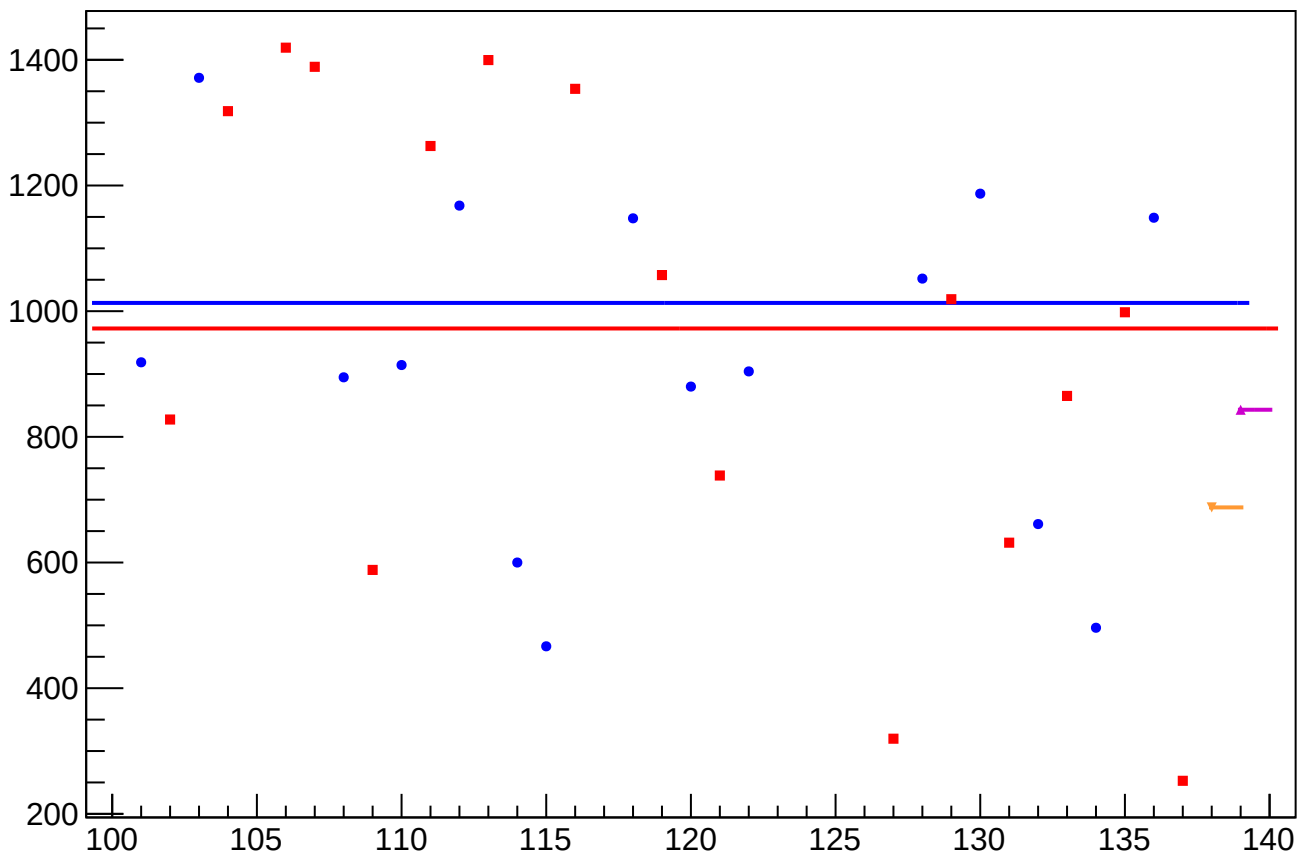
304.190+/-0.000 χ^2/NDF : 12061965375331248

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

315.393+/-0.000 χ^2/NDF : 88814044503641890

Left In: 161.549+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

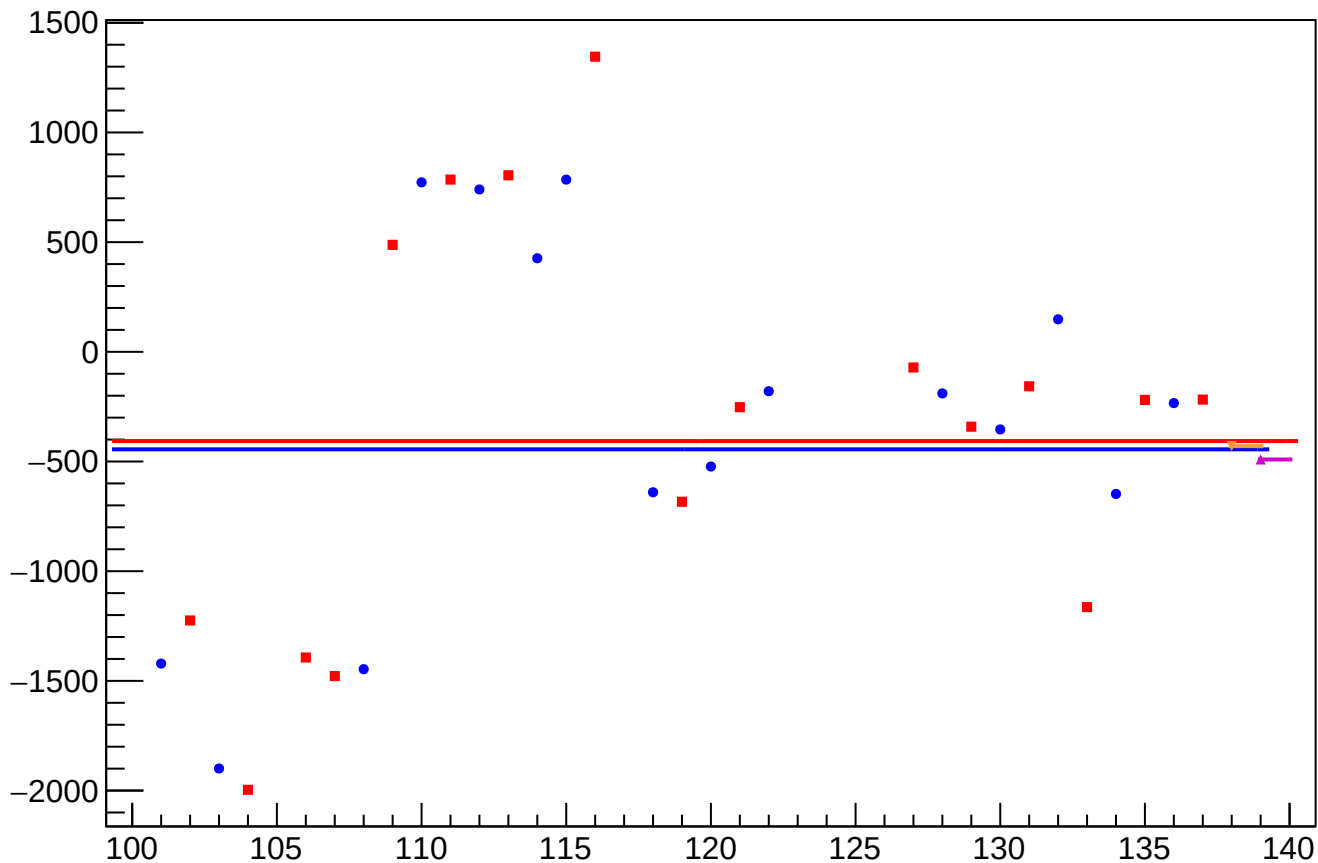
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left Out: -430.018+/-0.000 χ^2/NDF : 252031.6/0

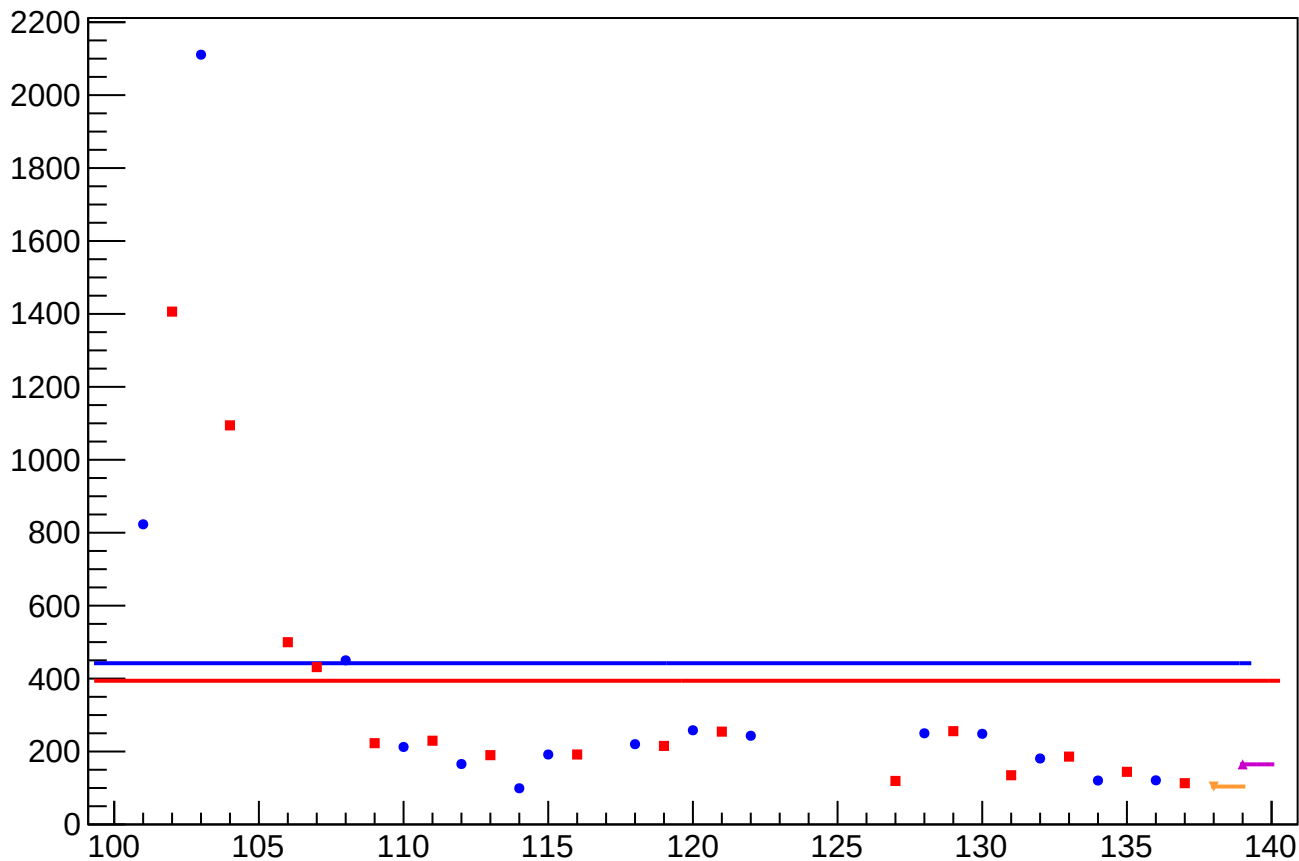
-442.957+/-0.000 χ^2/NDF : 3964965311540025

Right Out: -406.729+/-0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15

-412.477+/-0.000 χ^2/NDF : 5294443632966286

Left In: -490.711+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 103.941+/-0.000 χ^2/NDF : 0.0/0

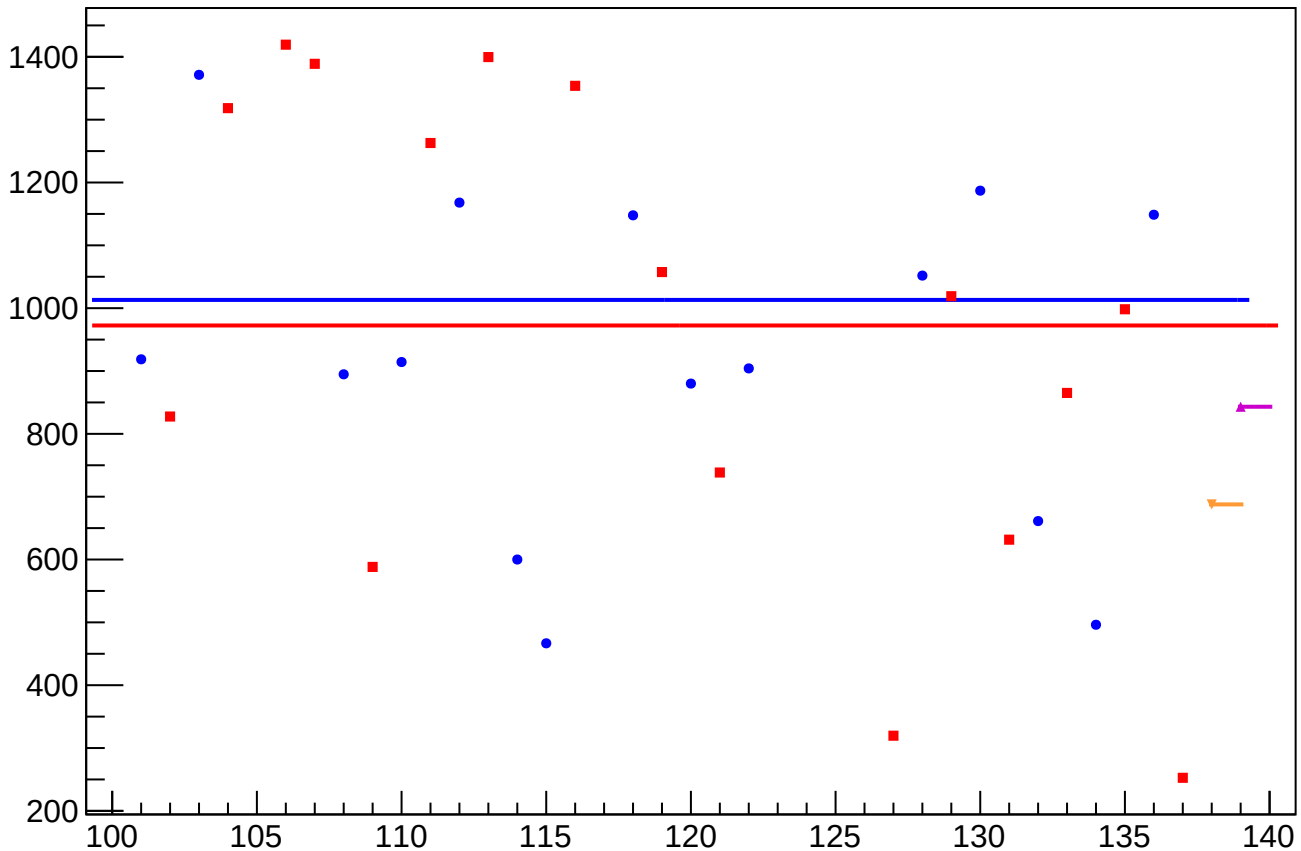
Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

Left In: 164.821+/-0.000 χ^2/NDF : 0.0/0

405.874+/-0.000 χ^2/NDF : 21198138490320749

378.347+/-0.000 χ^2/NDF : 10828081658677833

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

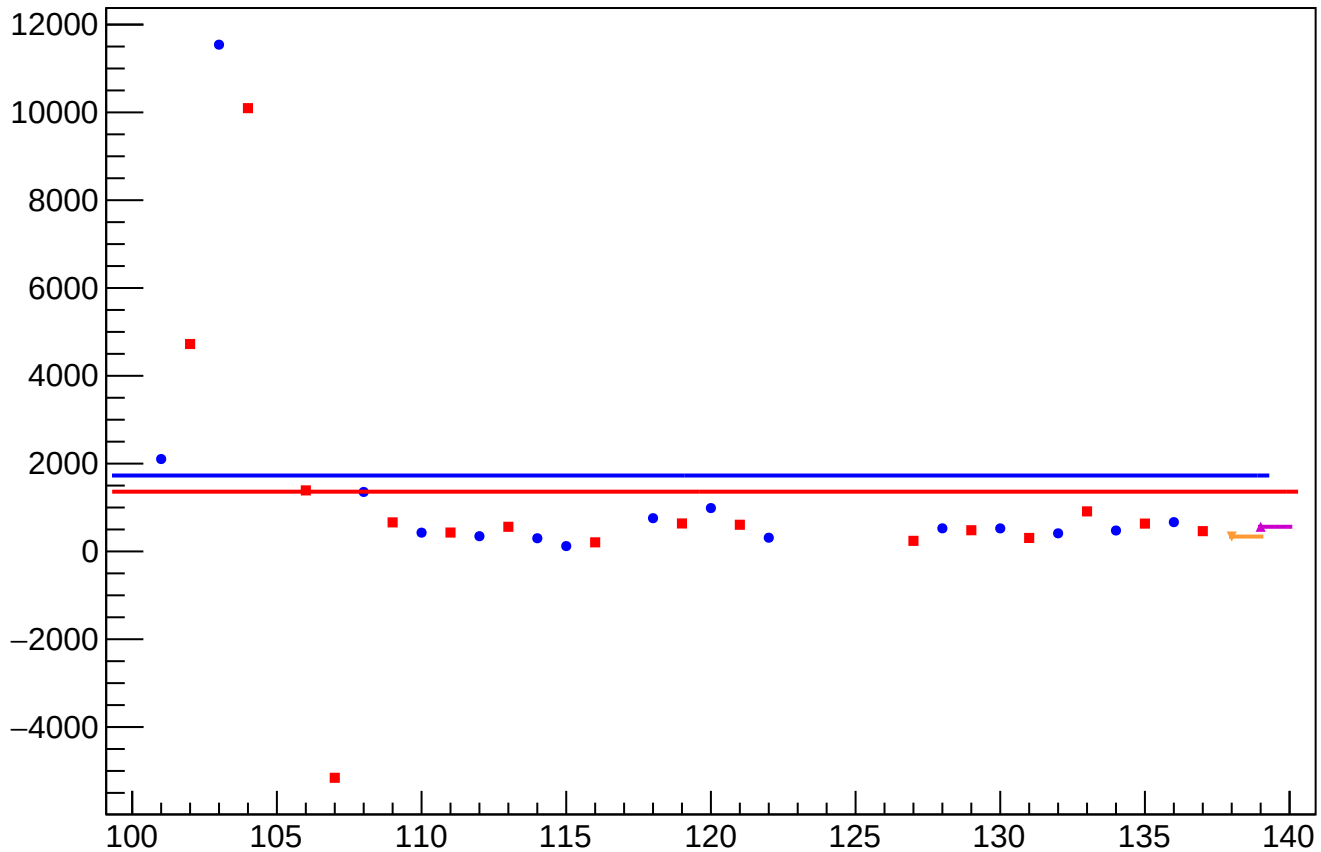
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

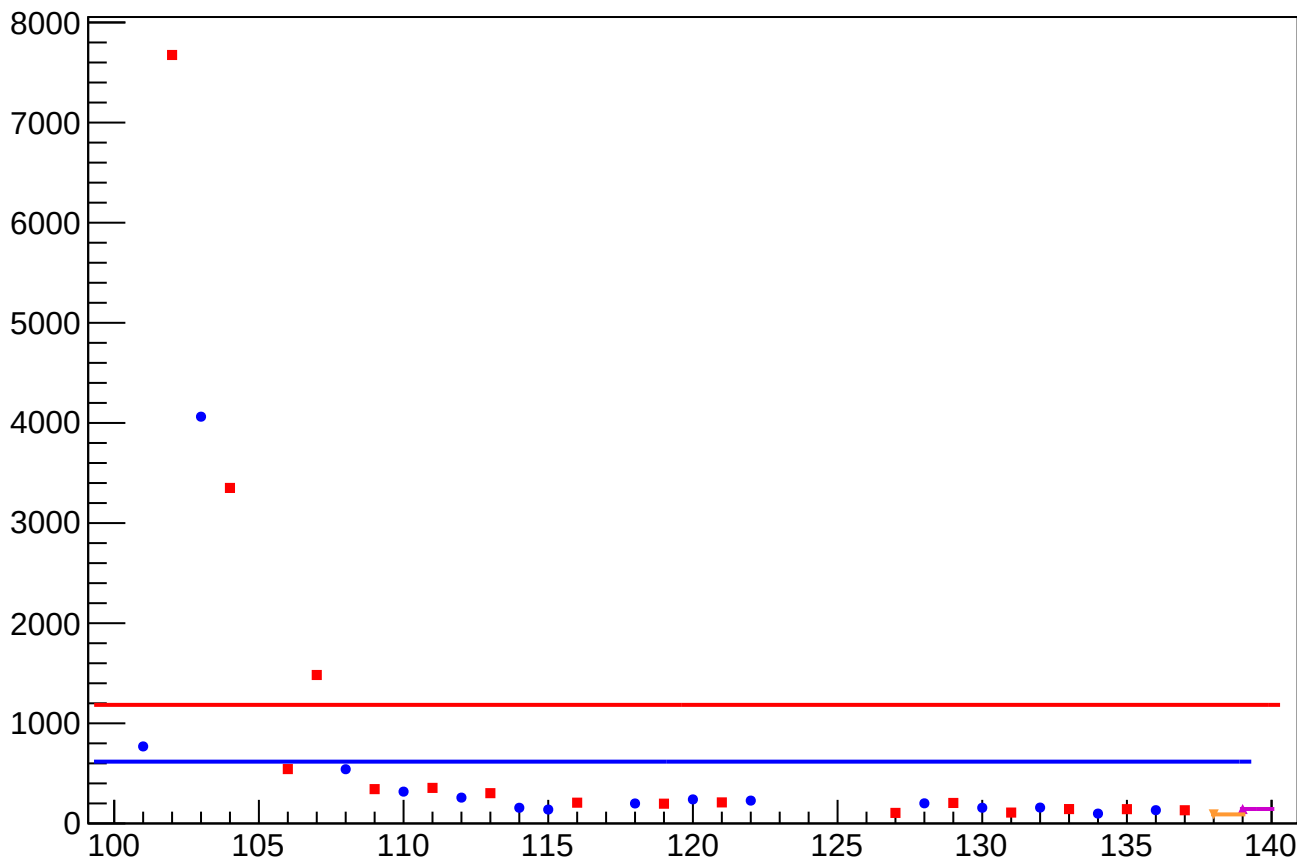
dit_atl1_coil6_mean vs Slug



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

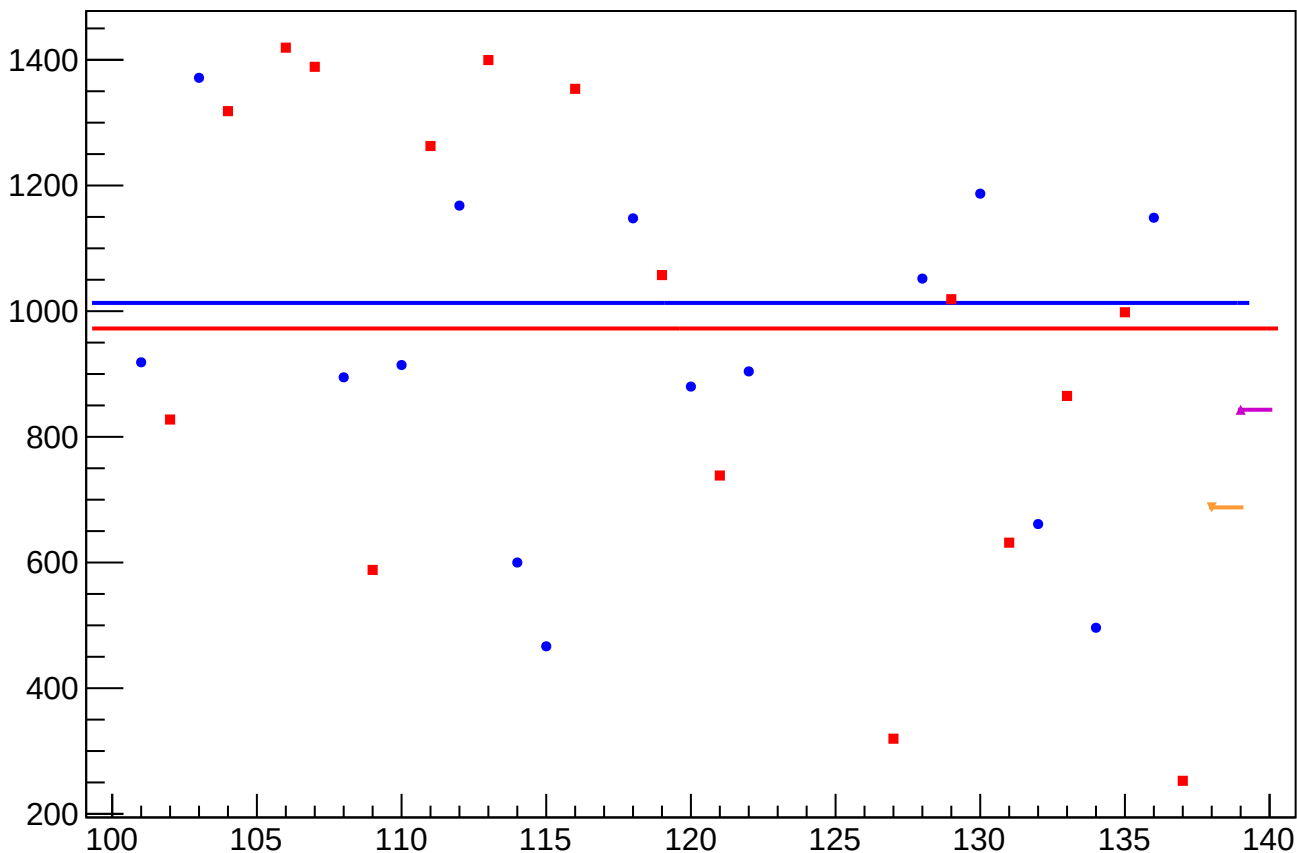
1579.834+/-0.000 χ^2/NDF : 6547738370462942
1306.198+/-0.000 χ^2/NDF : 6460785051248435

dit_atl1_coil6_err_mean vs Slug



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

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

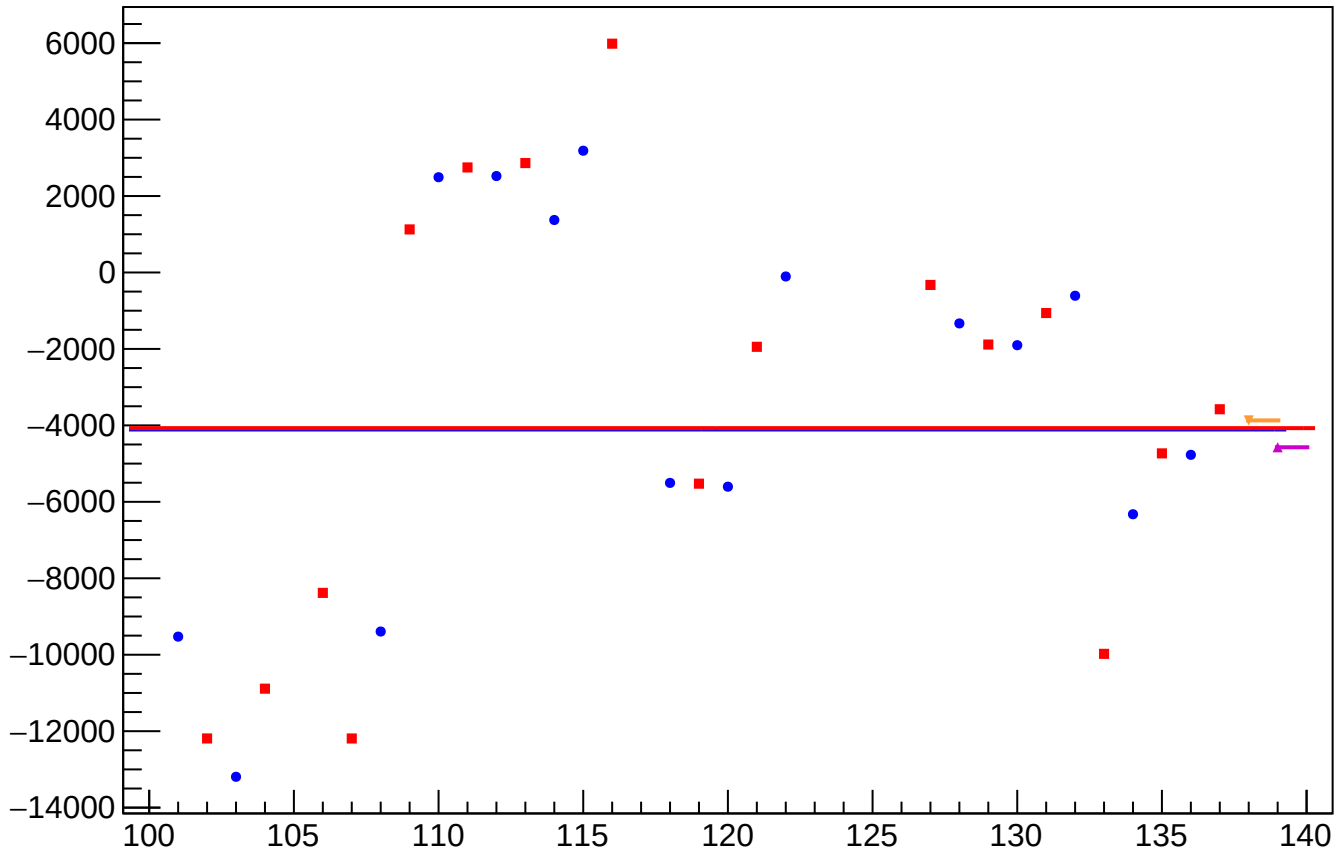
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

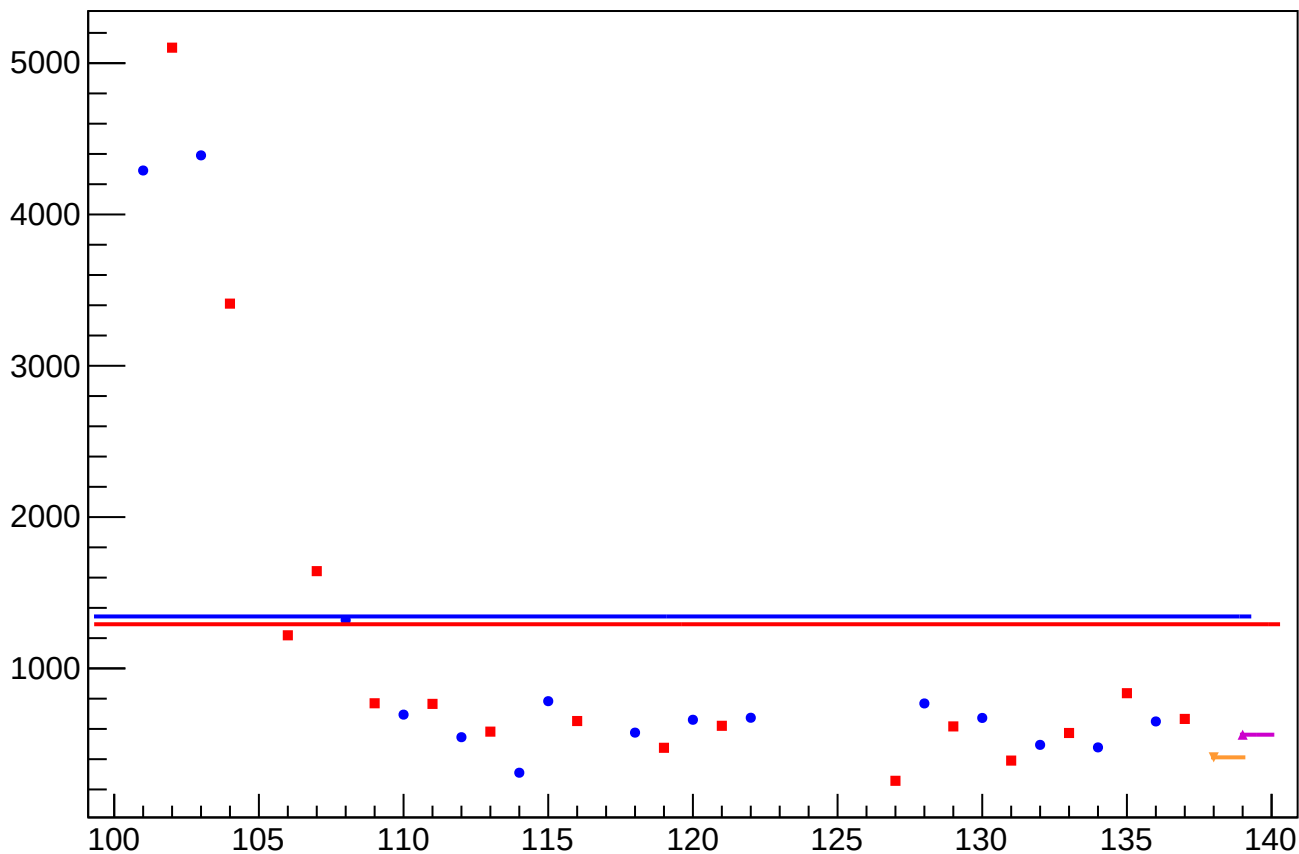
963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_atl2_coil6_mean vs Slug



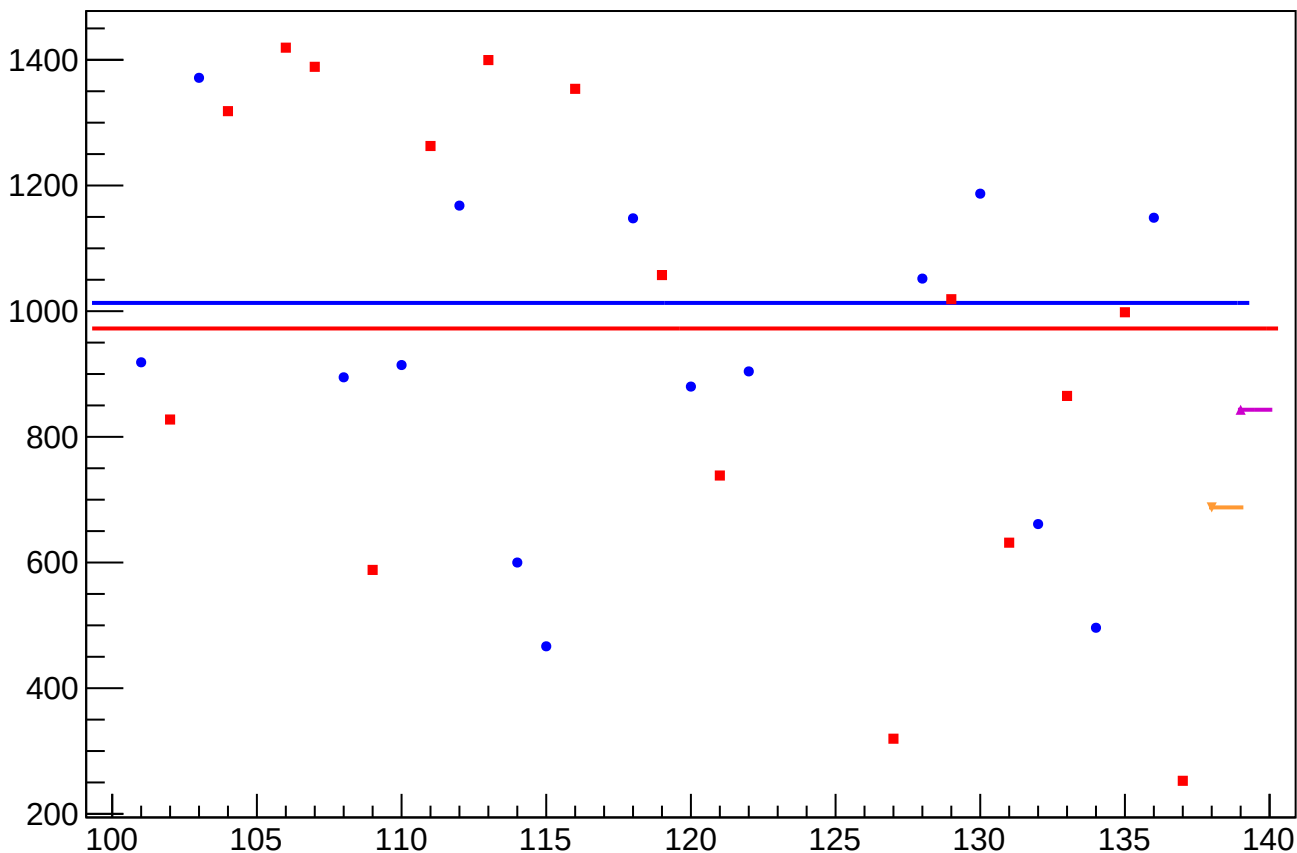
Right In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -3869.841+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4072.120+/-0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: -4572.570+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug



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



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

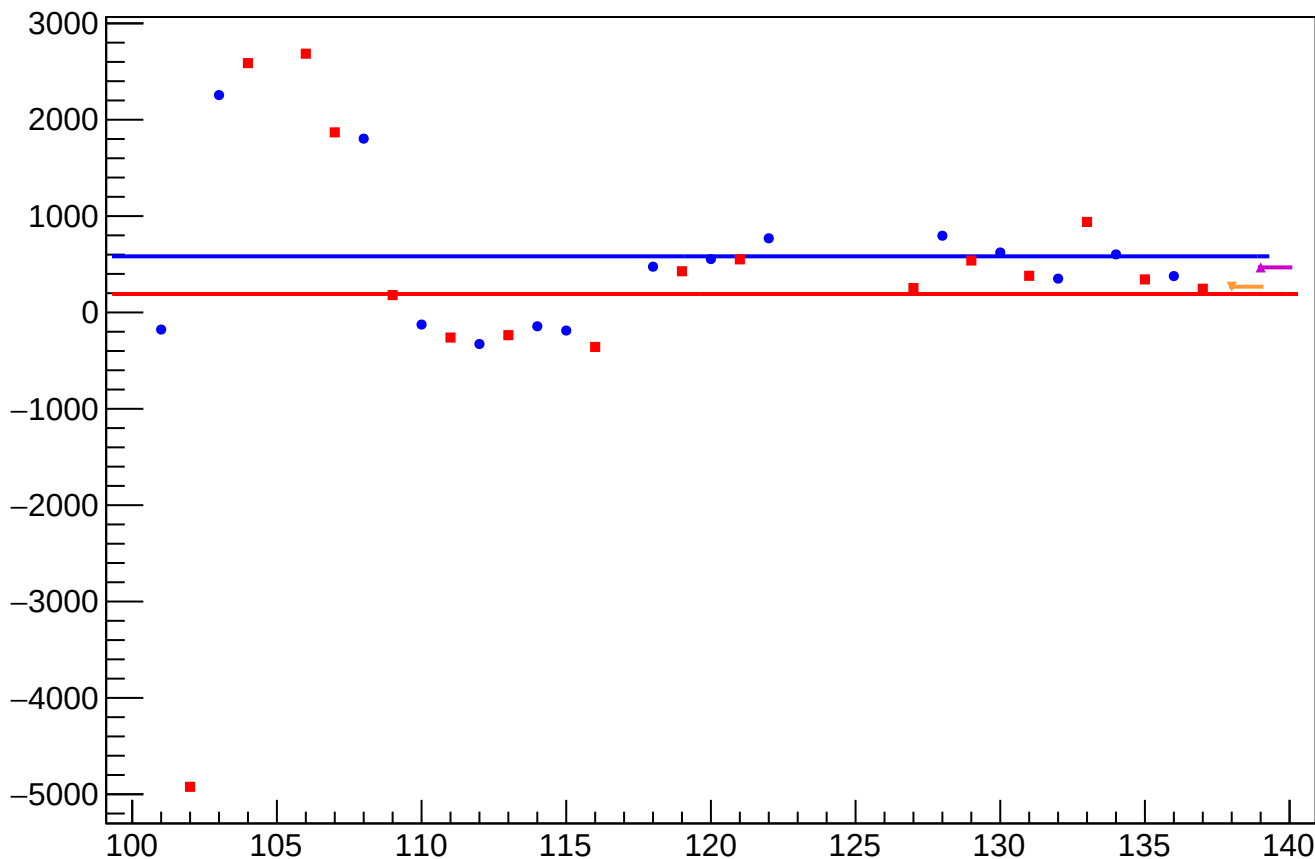
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

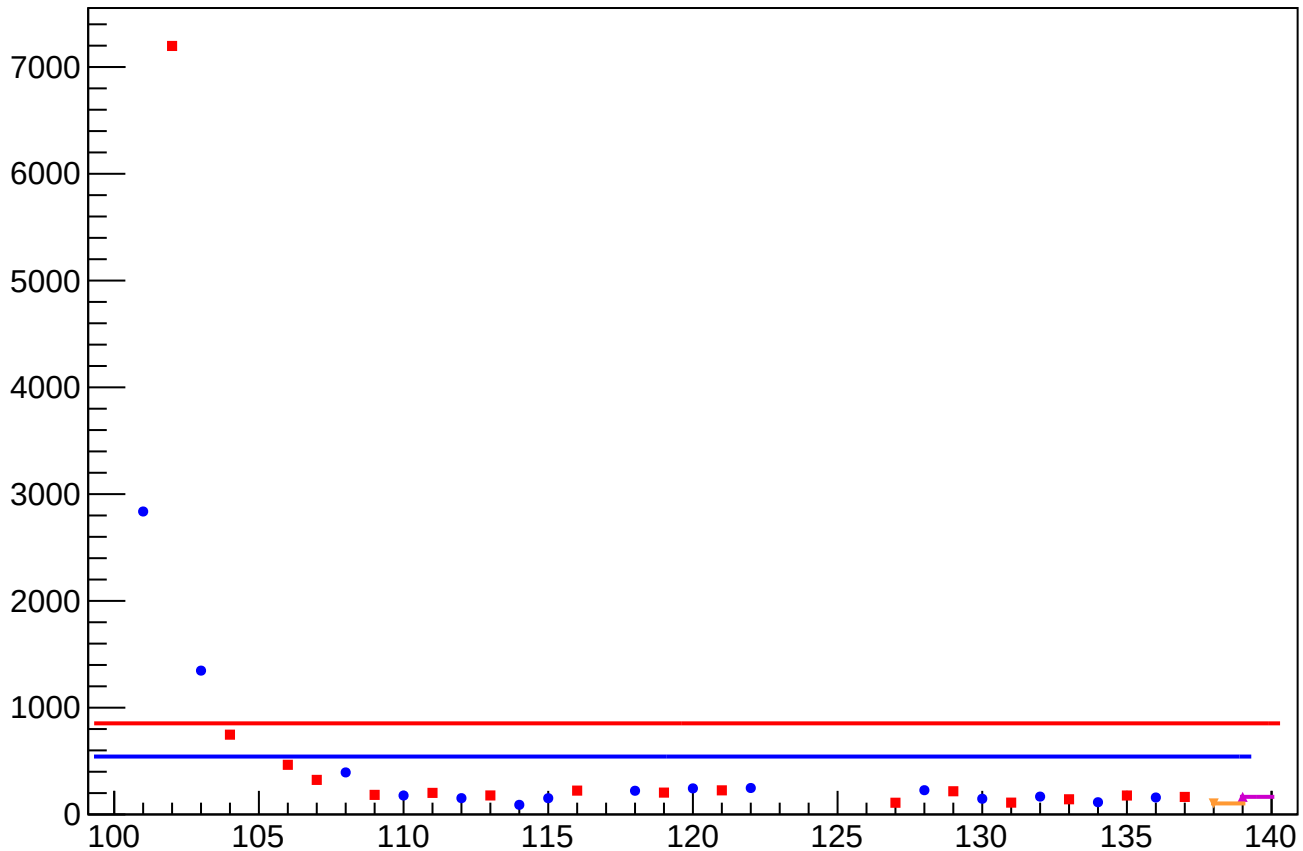
963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_atr1_coil6_mean vs Slug



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

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 103.138+/-0.000 χ^2/NDF : 0.0/0

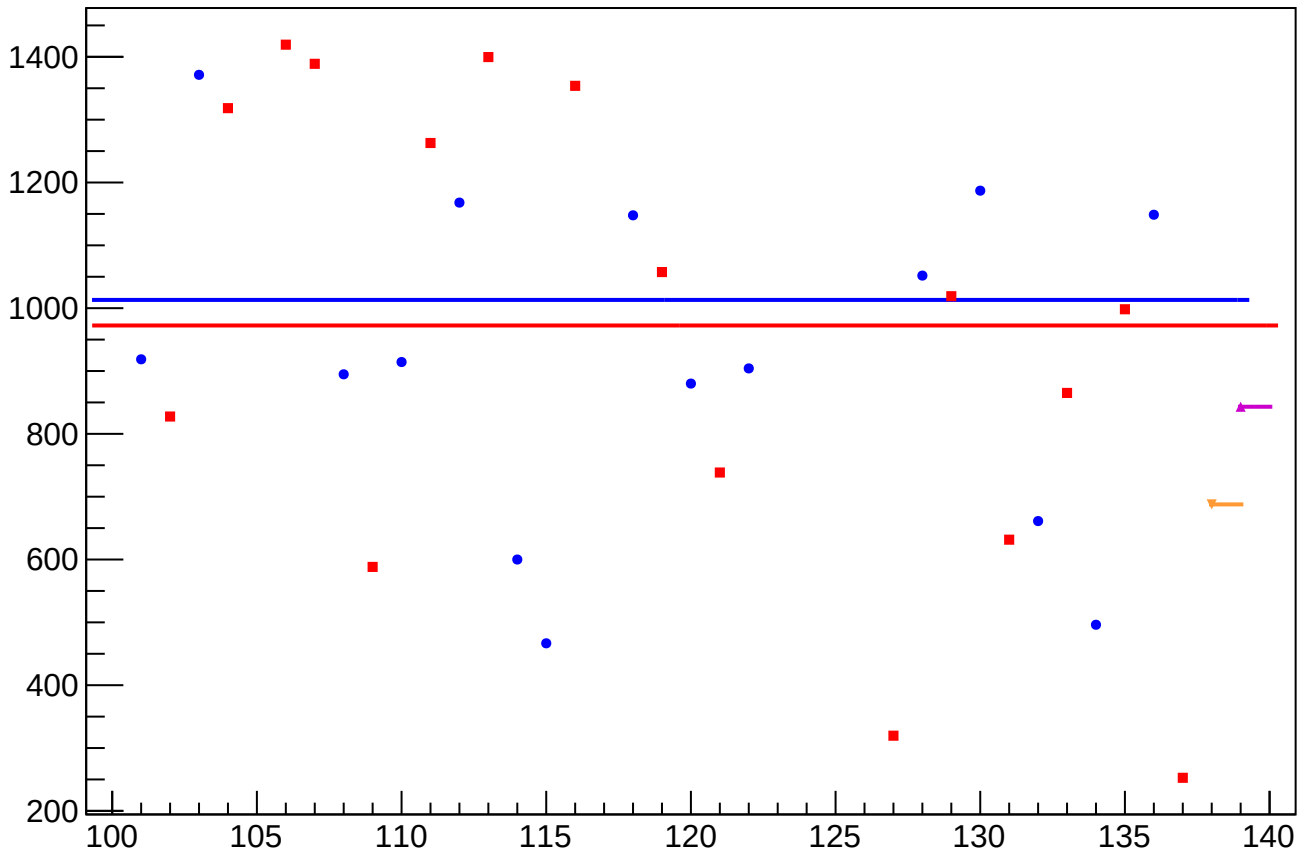
Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

Left In: 164.913+/-0.000 χ^2/NDF : 0.0/0

495.207+/-0.000 χ^2/NDF : 42780985016374407

806.100+/-0.000 χ^2/NDF : 25957011934058920

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

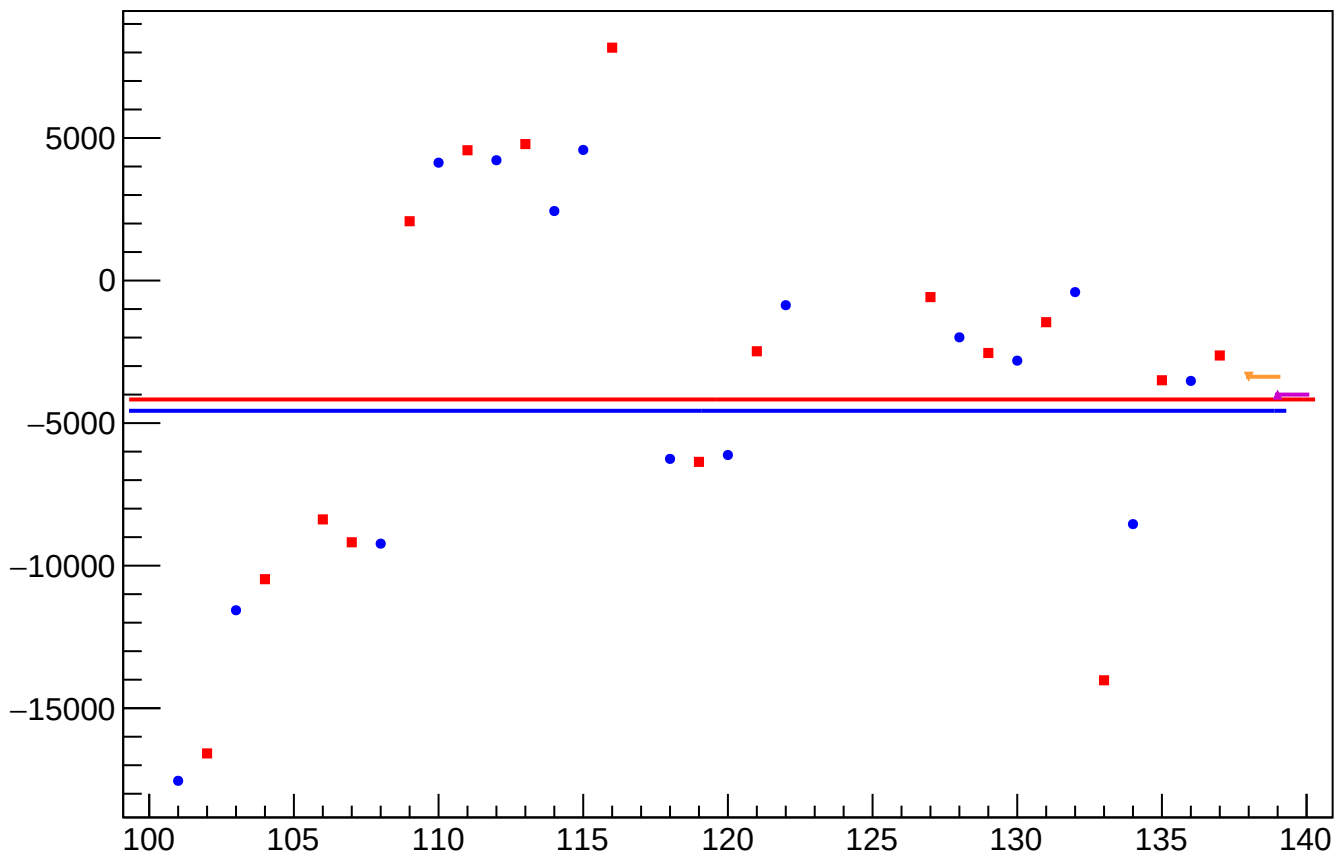
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

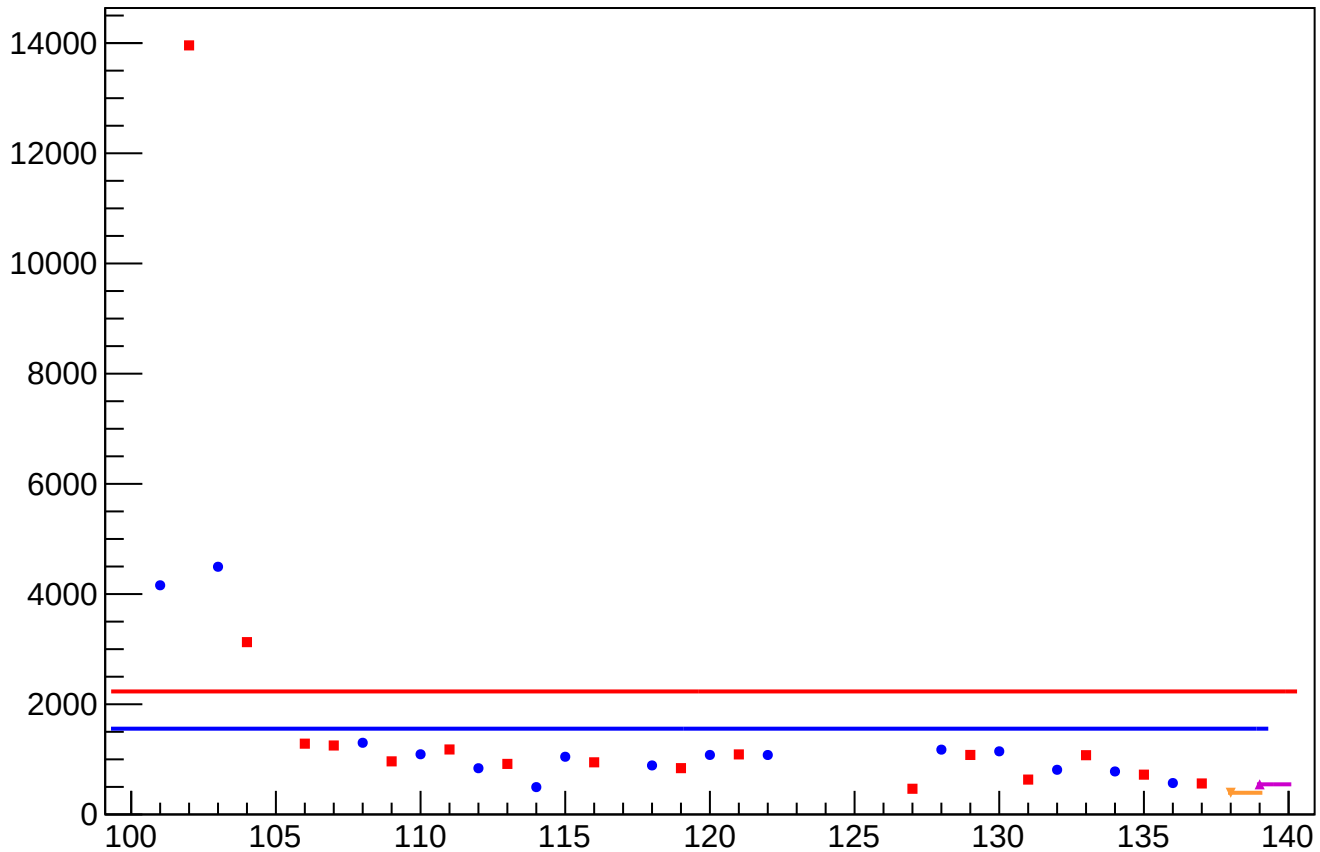
963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_atr2_coil6_mean vs Slug



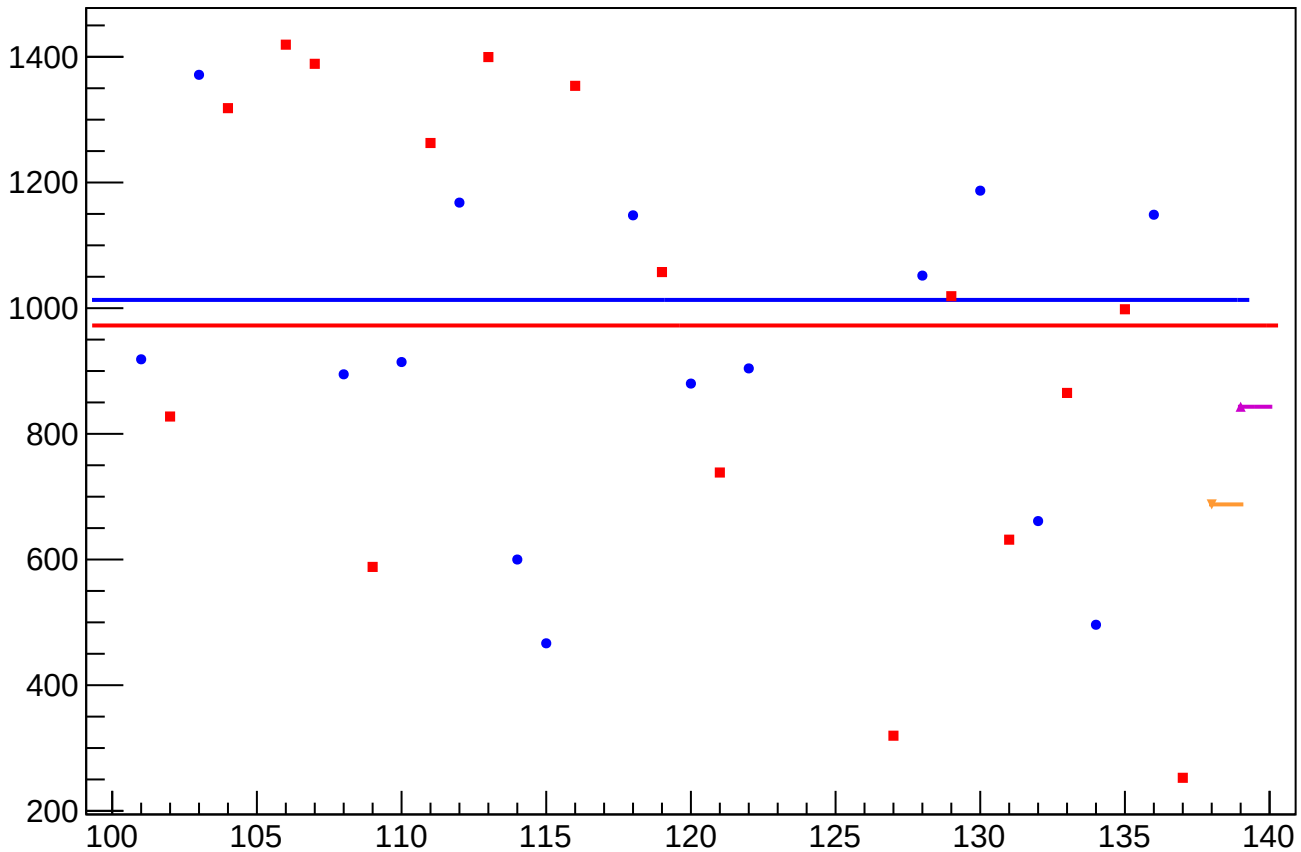
Right In: -4568.297+/-0.000 χ^2/NDF : 24195052148165719540713110921977756909568.0/14
 Left Out: -3373.921+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4170.773+/-0.000 χ^2/NDF : 30967248832187912041113909559481103024128.0/15
 Left In: -4000.149+/-0.000 χ^2/NDF : 10132962.5/0

dit_atr2_coil6_err_mean vs Slug



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

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

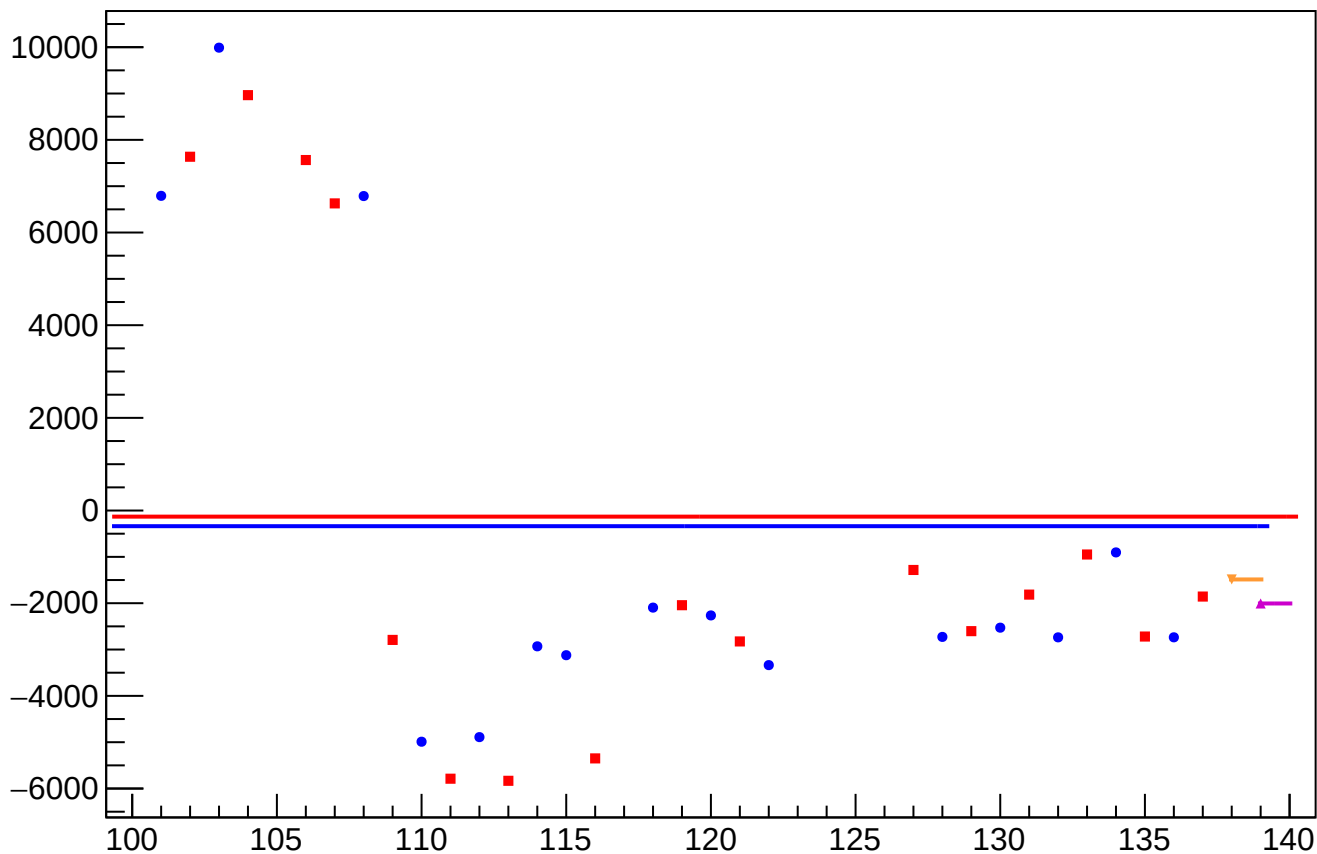
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14

Left Out: -1487.318+/-0.000 χ^2/NDF : 0.0/0

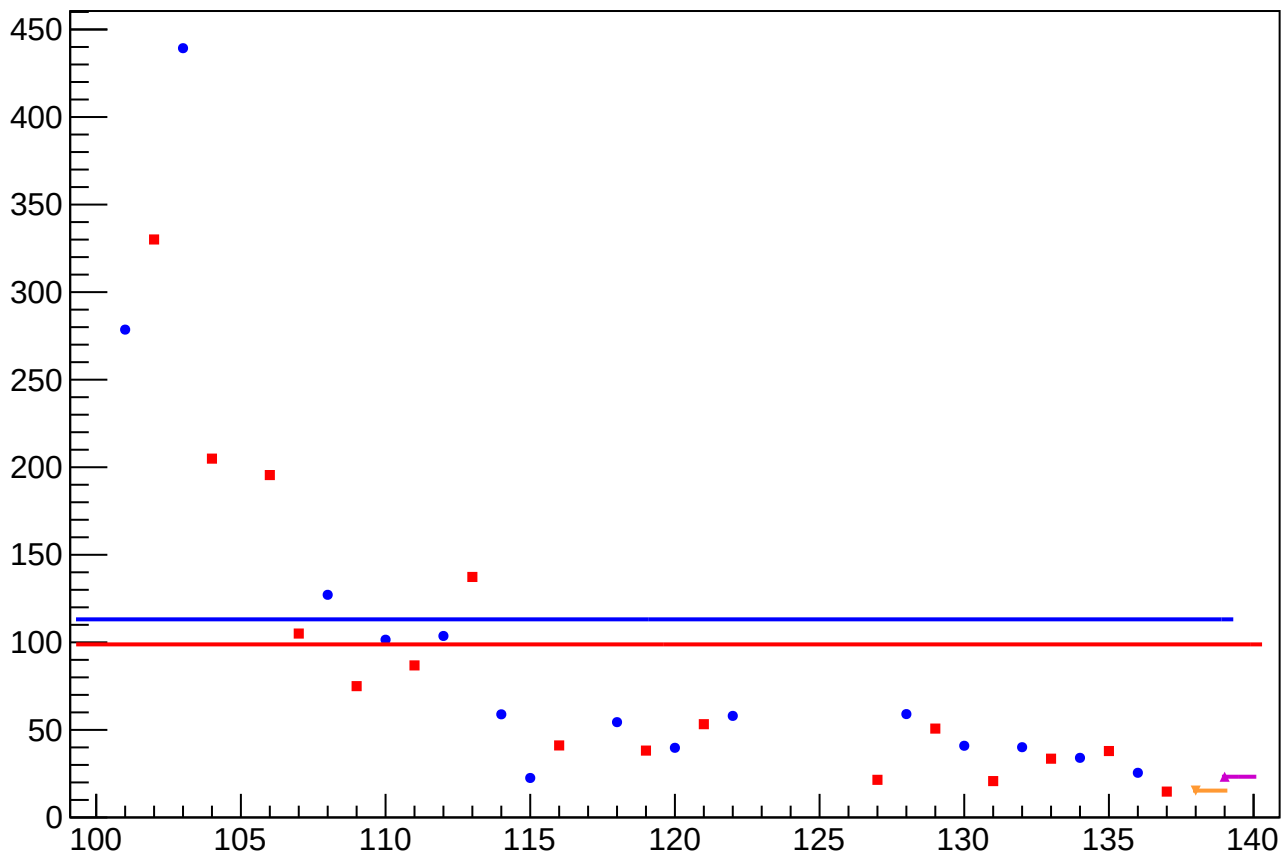
Right Out: -131.545+/-0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15

Left In: -2005.928+/-0.000 χ^2/NDF : 2533240.6/0

-461.190+/-0.000 χ^2/NDF : 1524451586549422

-259.820+/-0.000 χ^2/NDF : 1663358844198211

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14

Left Out: 15.339+/-0.000 χ^2/NDF : 0.0/0

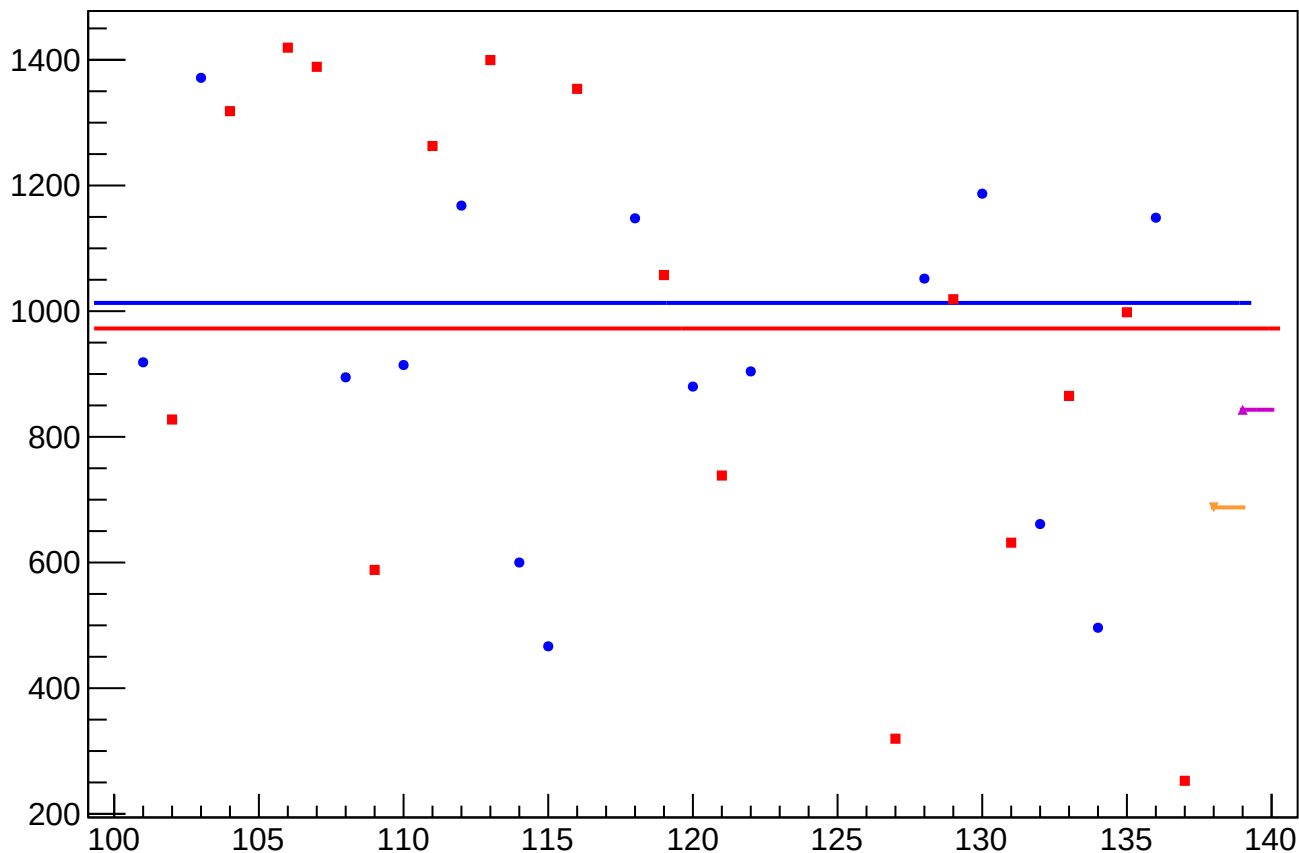
Right Out: 98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15

Left In: 23.260+/-0.000 χ^2/NDF : 0.0/0

102.641+/-0.000 χ^2/NDF : 10655583615137619

93.661+/-0.000 χ^2/NDF : 577106838056769750

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

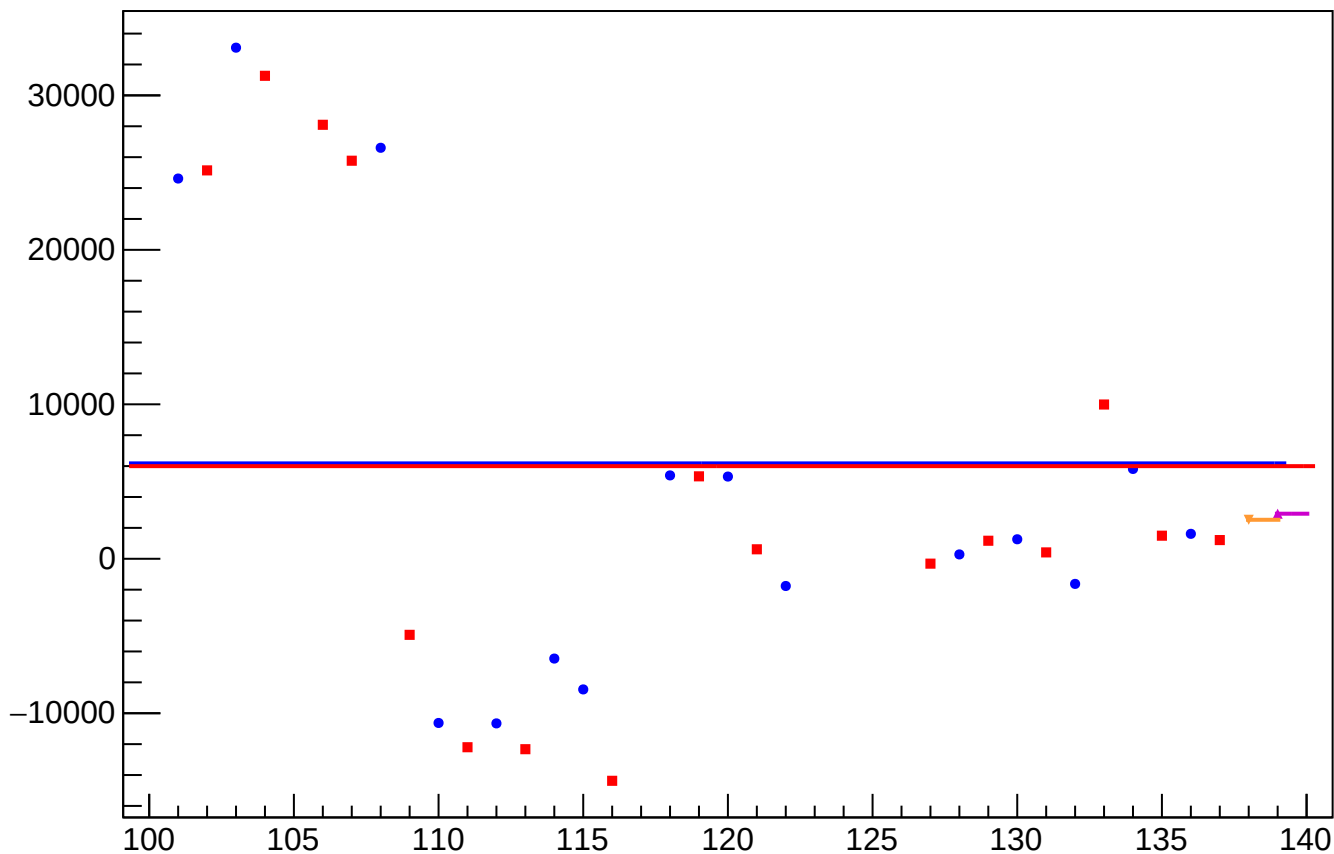
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

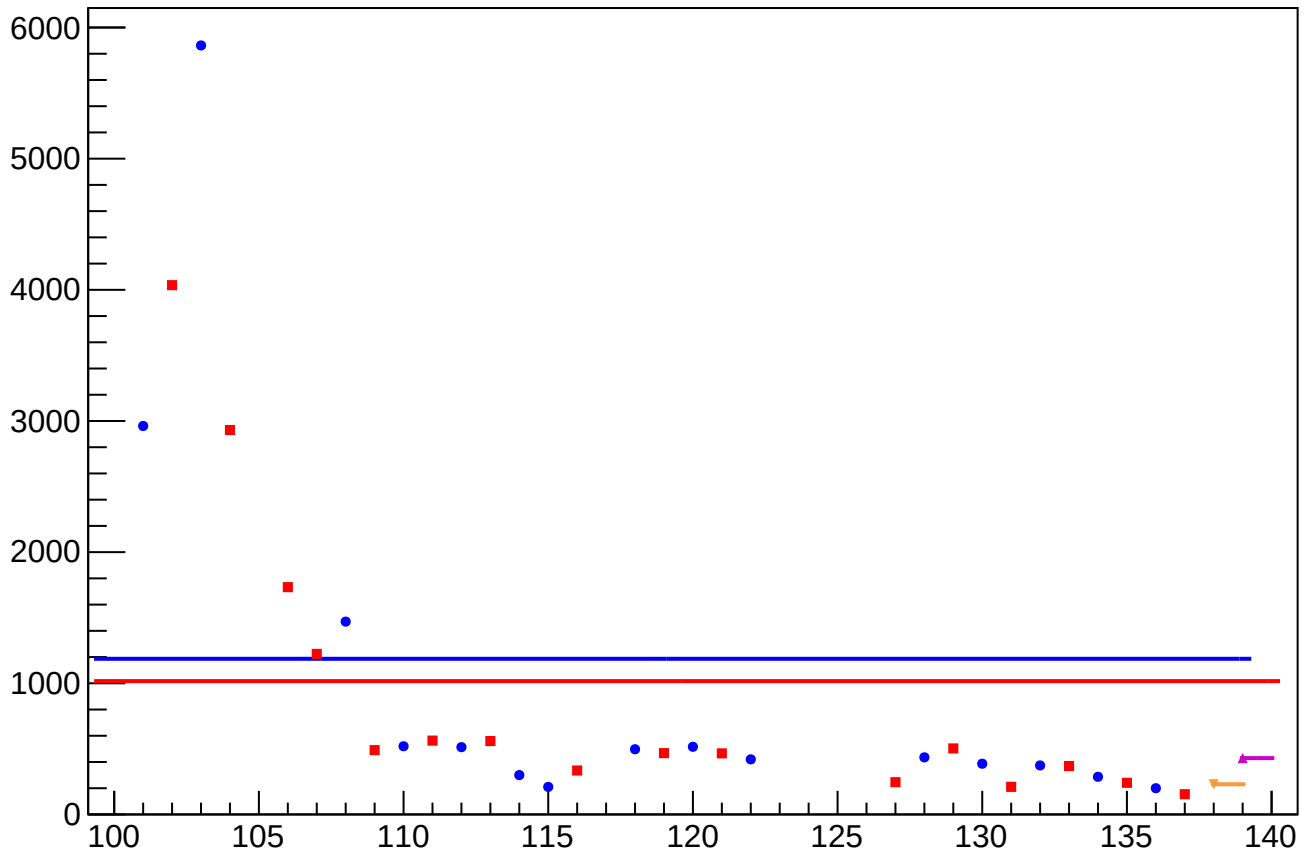
963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_sam2_coil6_mean vs Slug



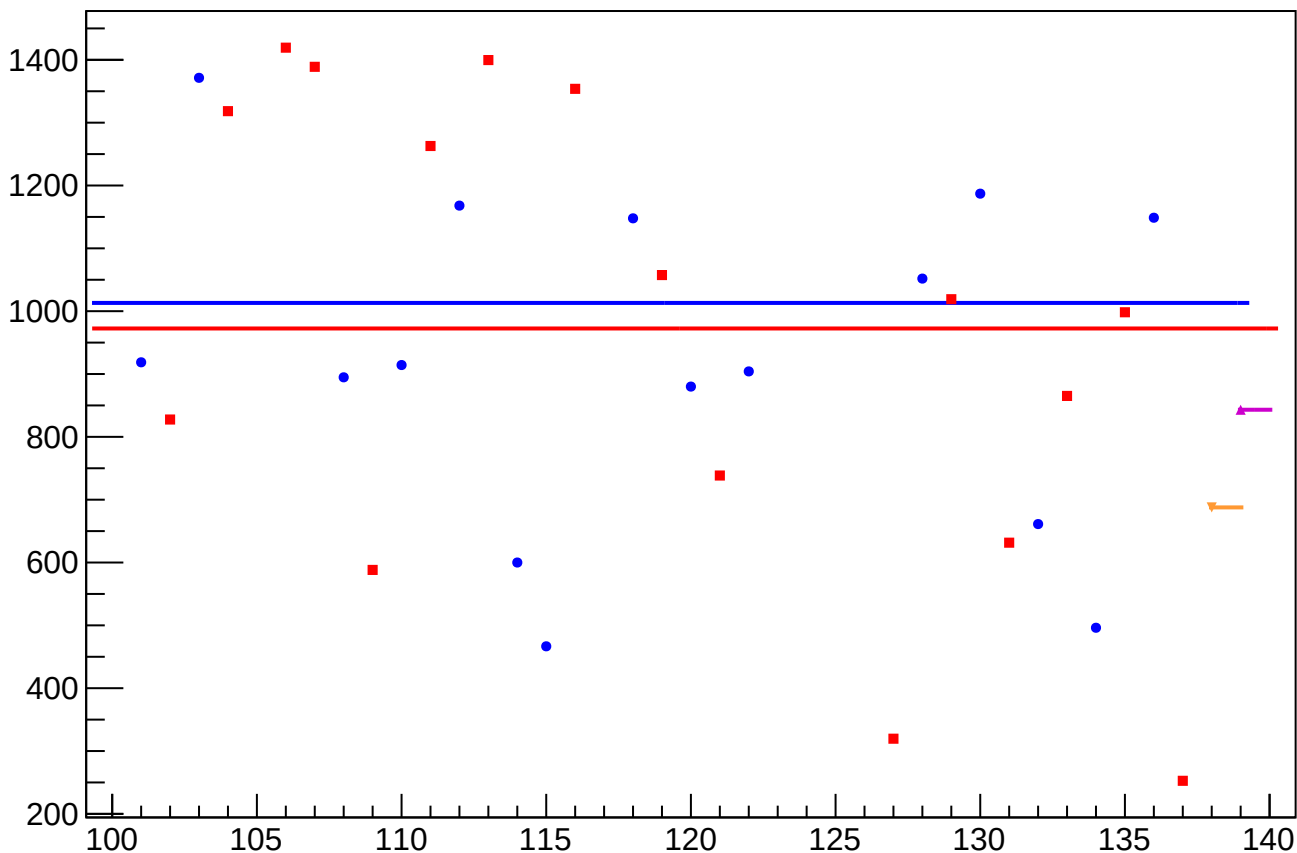
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 2524.357+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 2917.577+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug



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



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

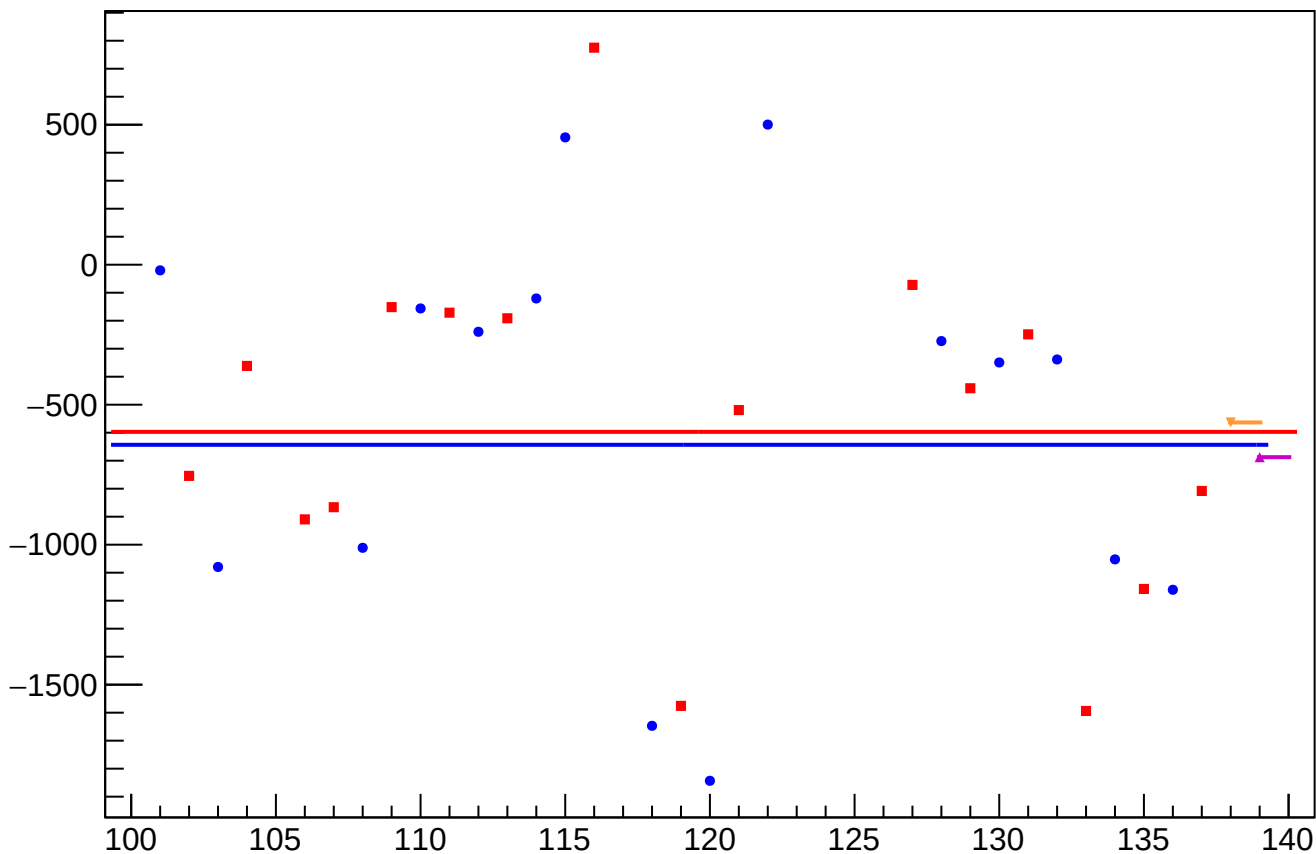
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_sam3_coil6_mean vs Slug



Right In: -643.217 ± 0.000 $\chi^2/\text{NDF}: 272726964608206694027285159784925364224.0/14$

Left Out: -563.424 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

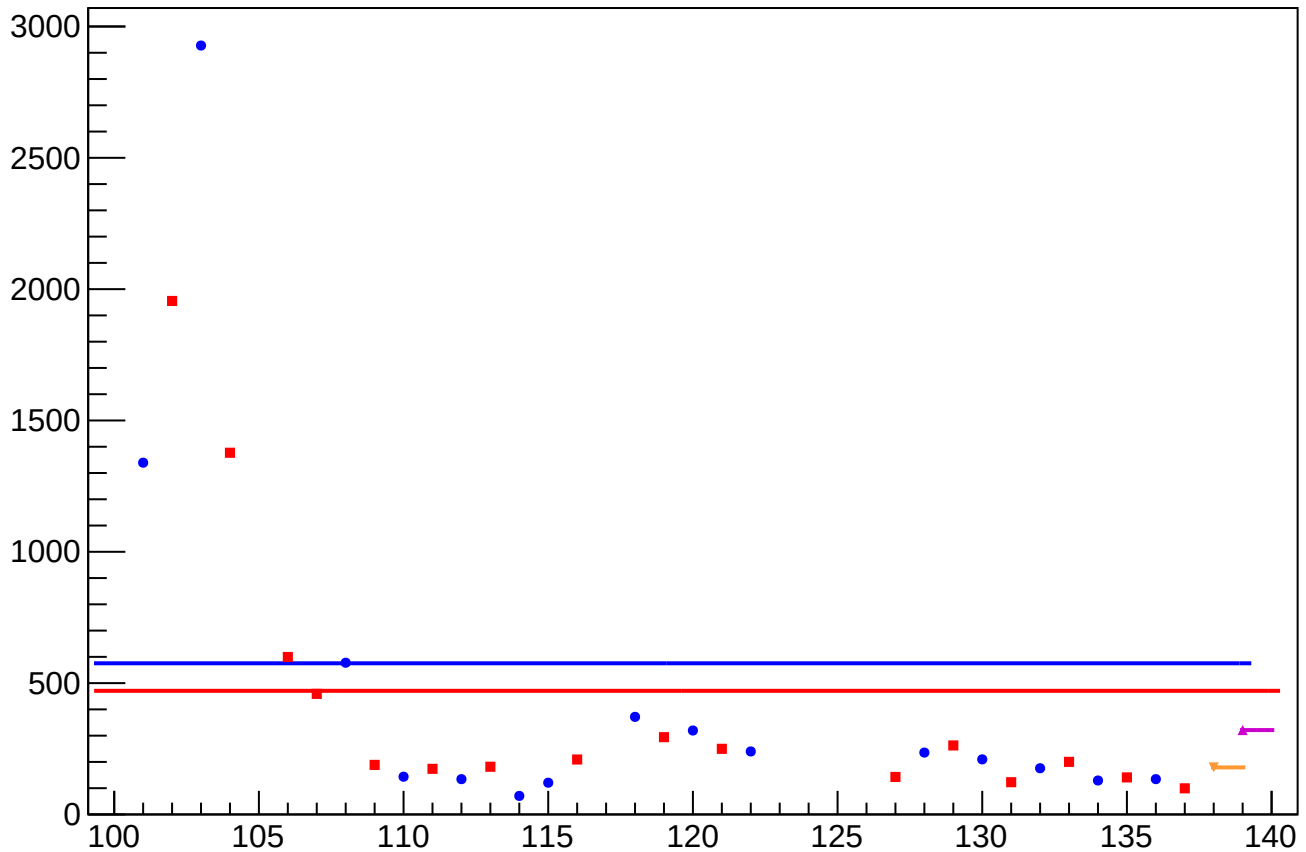
Right Out: -597.043 ± 0.000 $\chi^2/\text{NDF}: 210733370798031449363504004319005376512.0/15$

Left In: -687.401 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-634.656 ± 0.000 $\chi^2/\text{NDF}: 2731703026349385$

-603.226 ± 0.000 $\chi^2/\text{NDF}: 2111060596314896$

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 179.094+/-0.000 χ^2/NDF : 63007.9/0

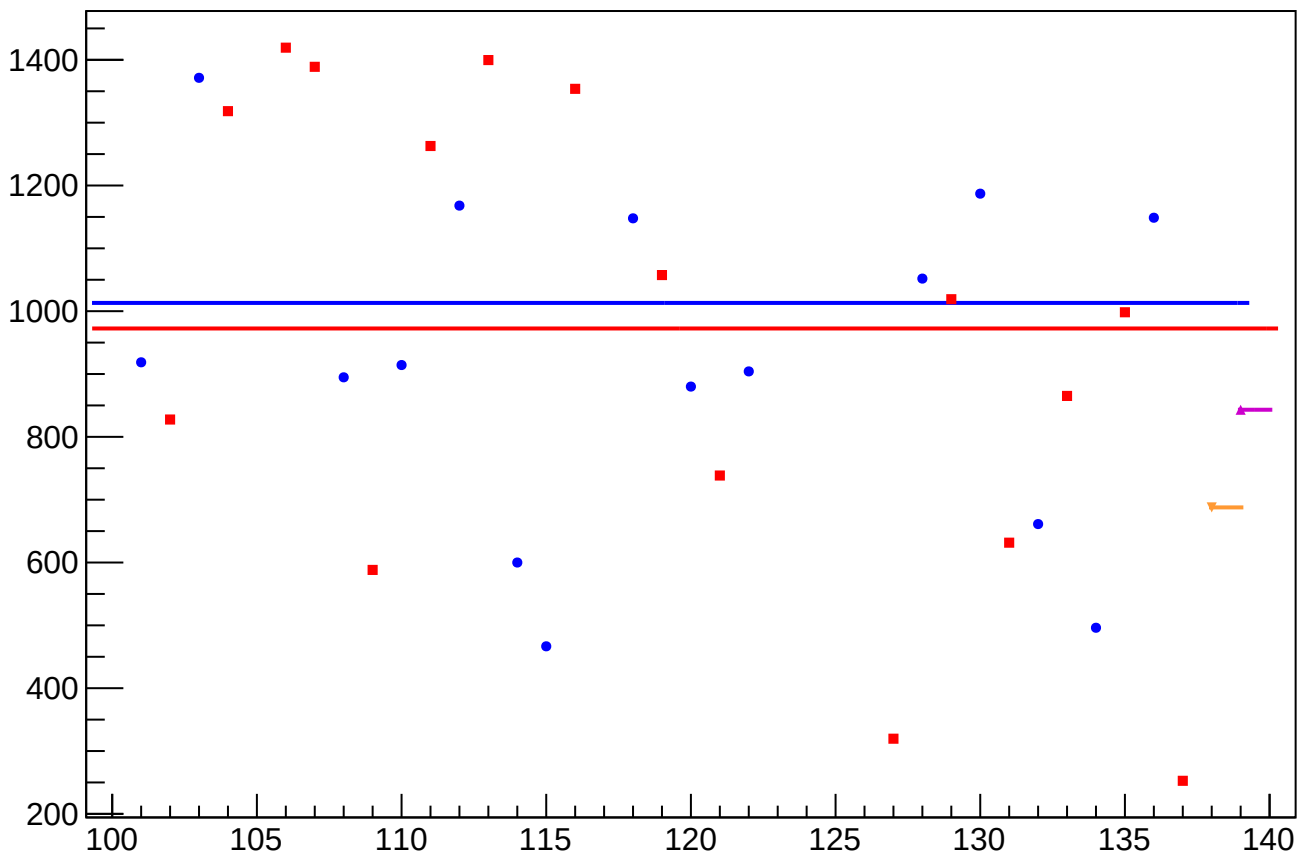
Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

Left In: 321.296+/-0.000 χ^2/NDF : 0.0/0

532.993+/-0.000 χ^2/NDF : 44362315971450953

460.490+/-0.000 χ^2/NDF : 21032972201163932

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

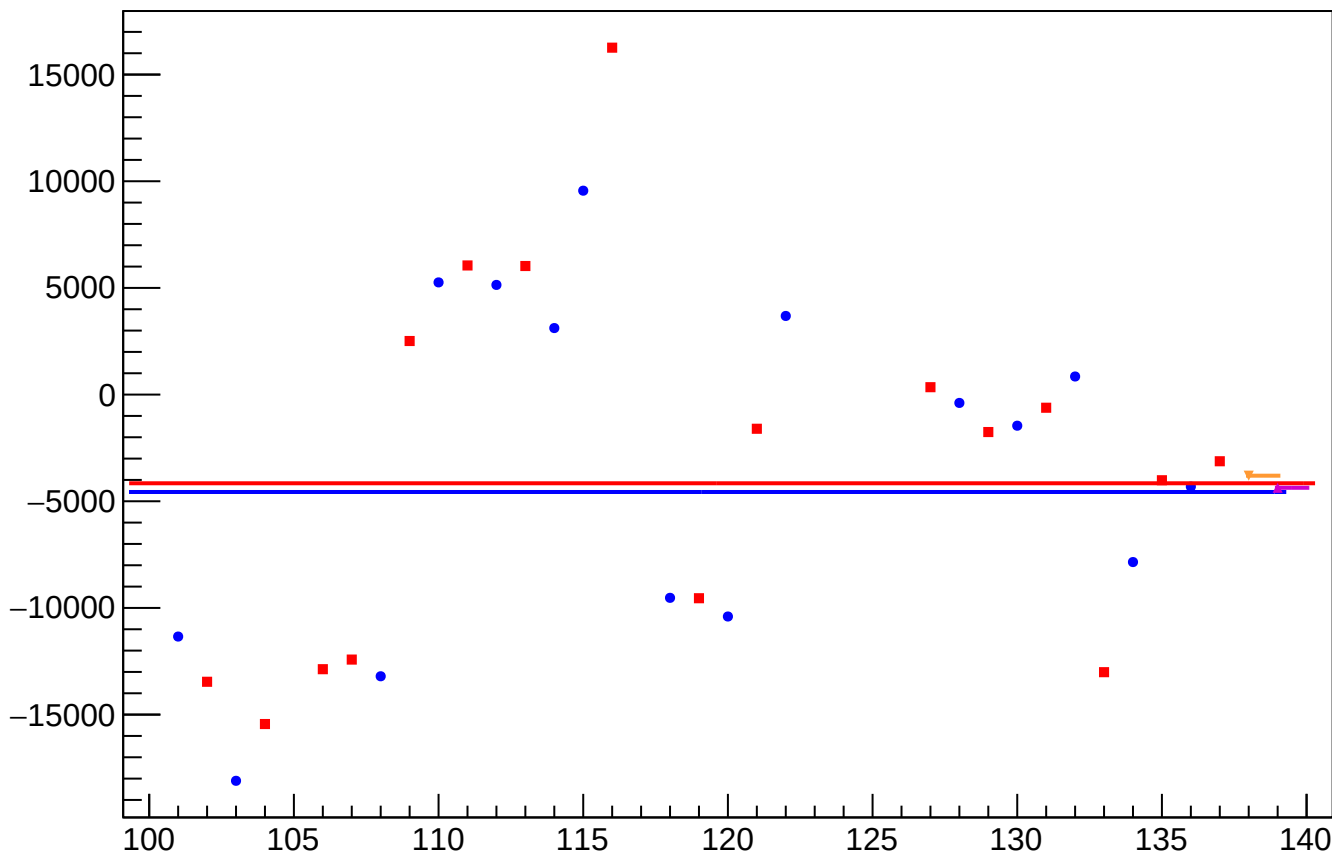
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

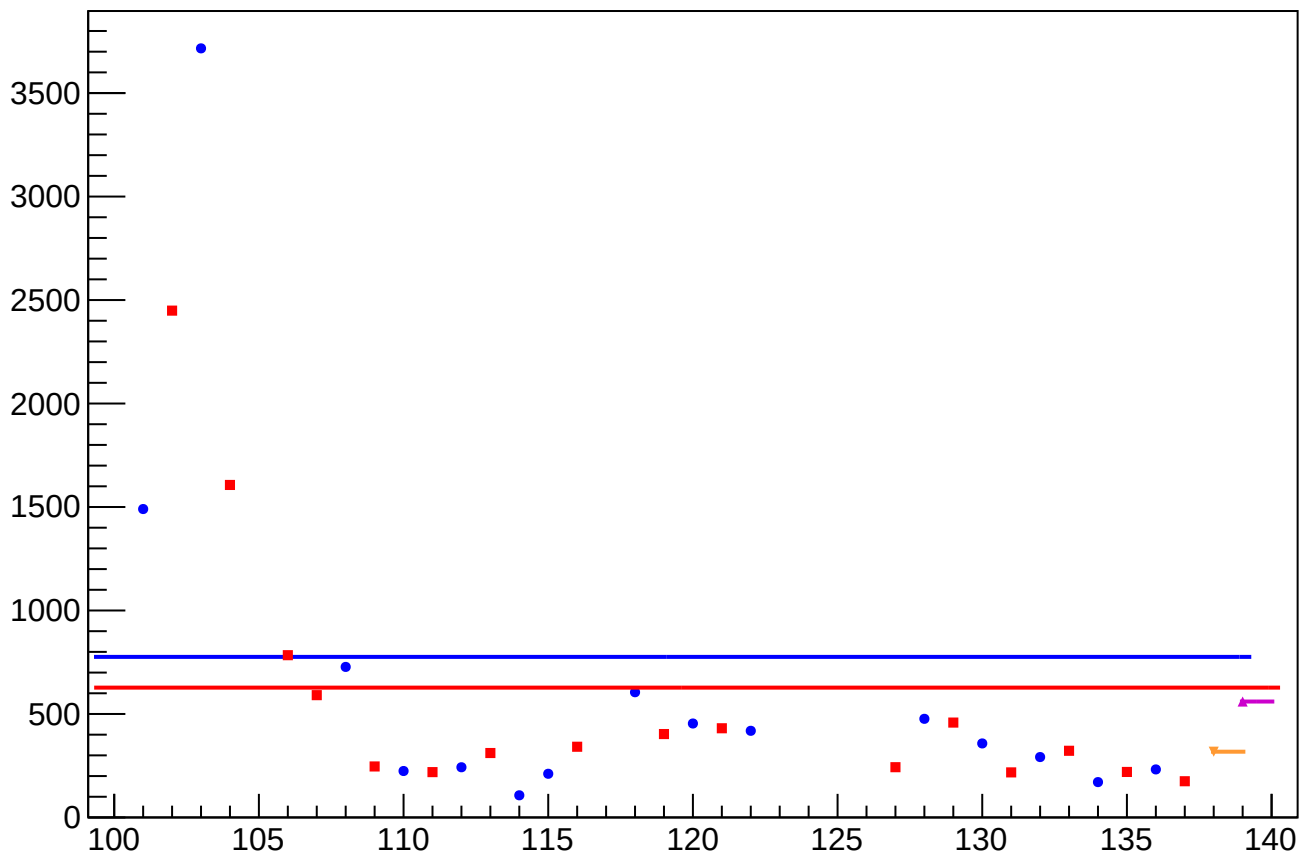
963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_sam4_coil6_mean vs Slug



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



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 317.715+/-0.000 χ^2/NDF : 1008126.4/0

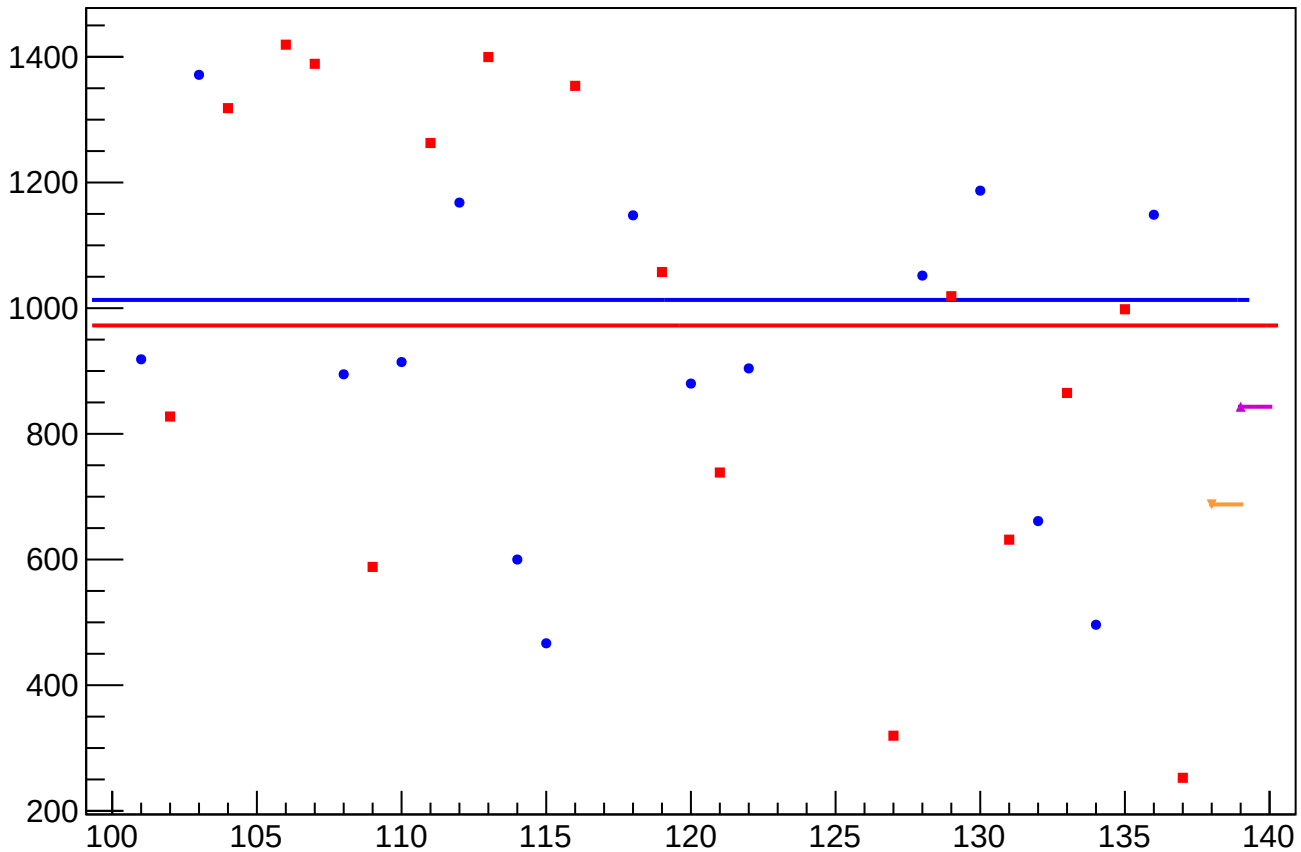
Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

Left In: 560.115+/-0.000 χ^2/NDF : 0.0/0

726.674+/-0.000 χ^2/NDF : 65646983036727294

622.716+/-0.000 χ^2/NDF : 29772380573620940

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

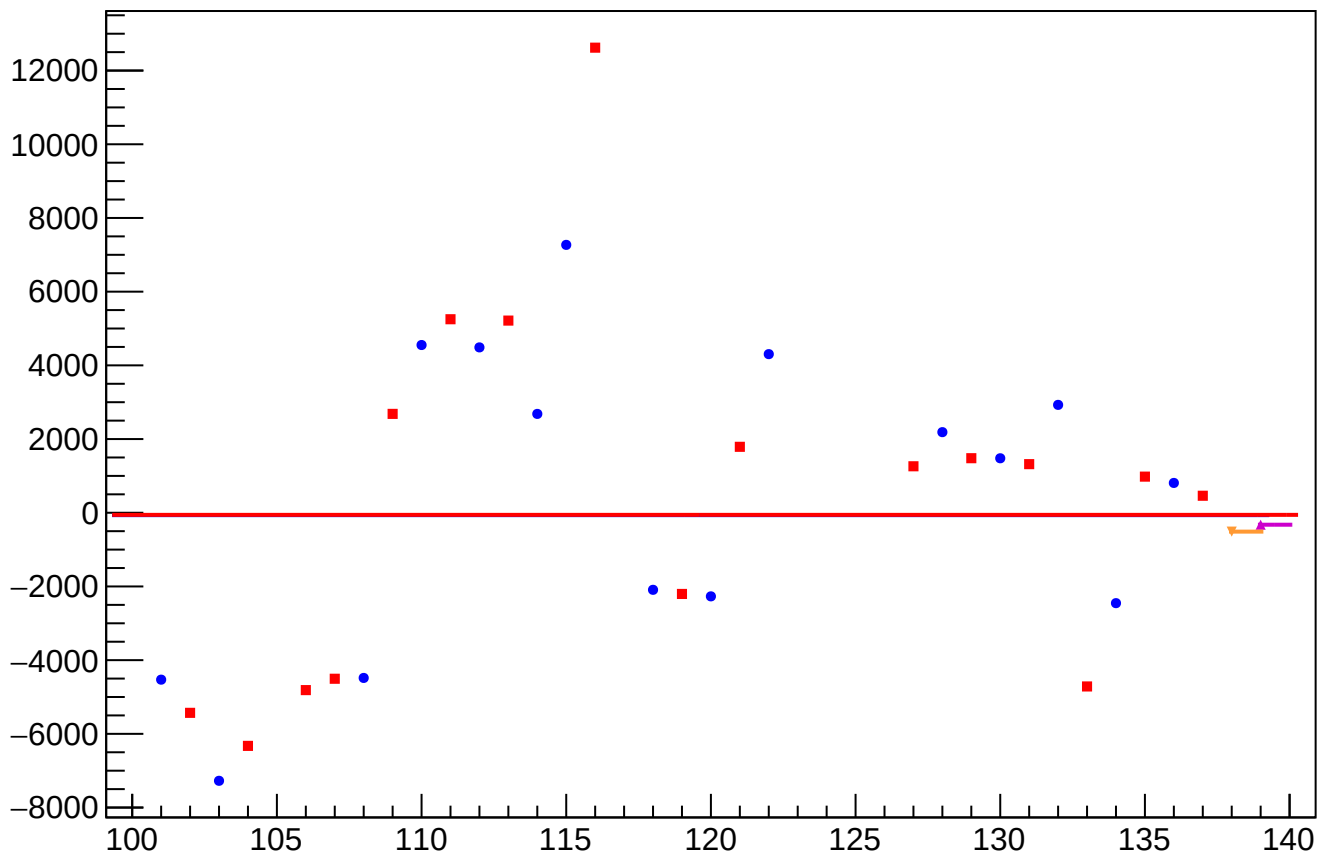
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -512.147+/-0.000 χ^2/NDF : 0.0/0

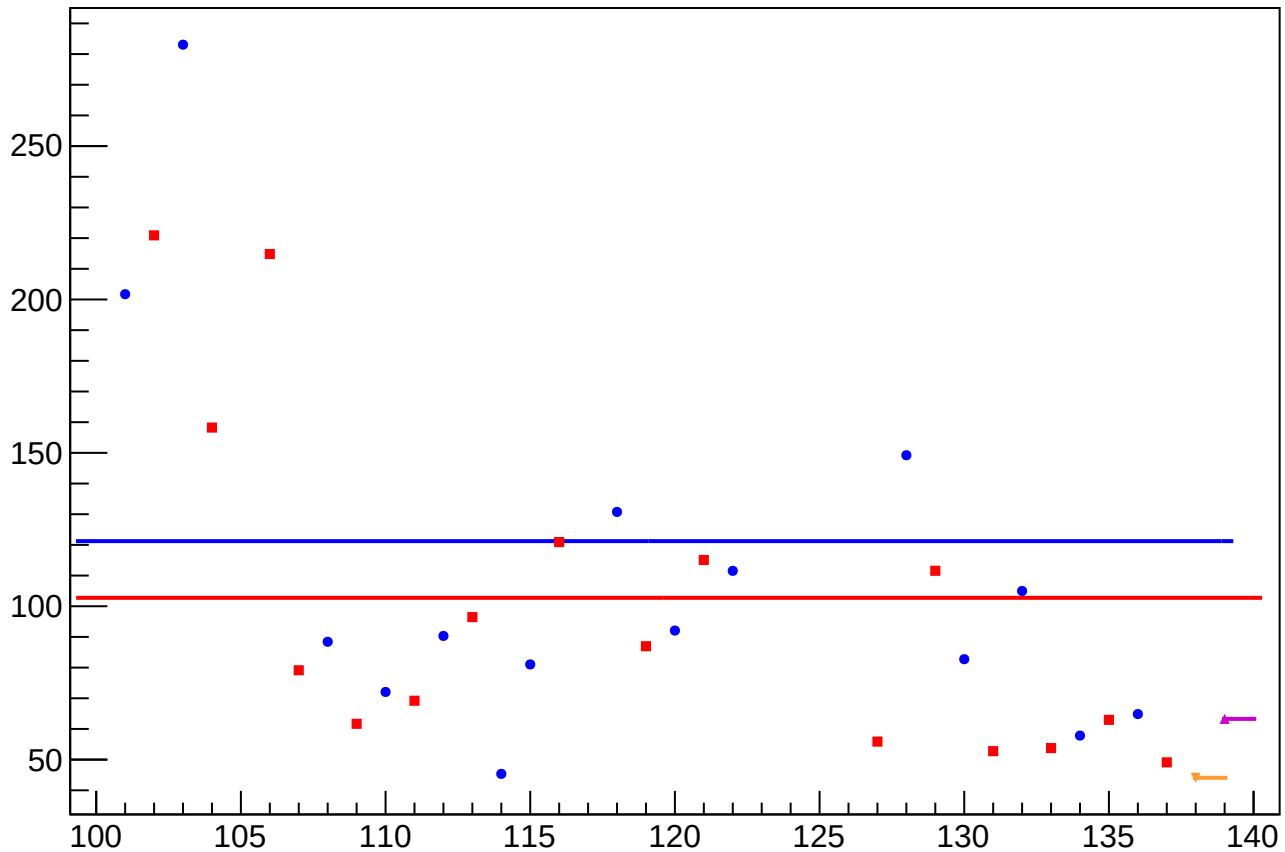
Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: -324.682+/-0.000 χ^2/NDF : 158327.5/0

-112.752+/-0.000 χ^2/NDF : 9628161076633854

-75.532+/-0.000 χ^2/NDF : 13784224127817014

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

Left Out: 44.075+/-0.000 χ^2/NDF : 0.0/0

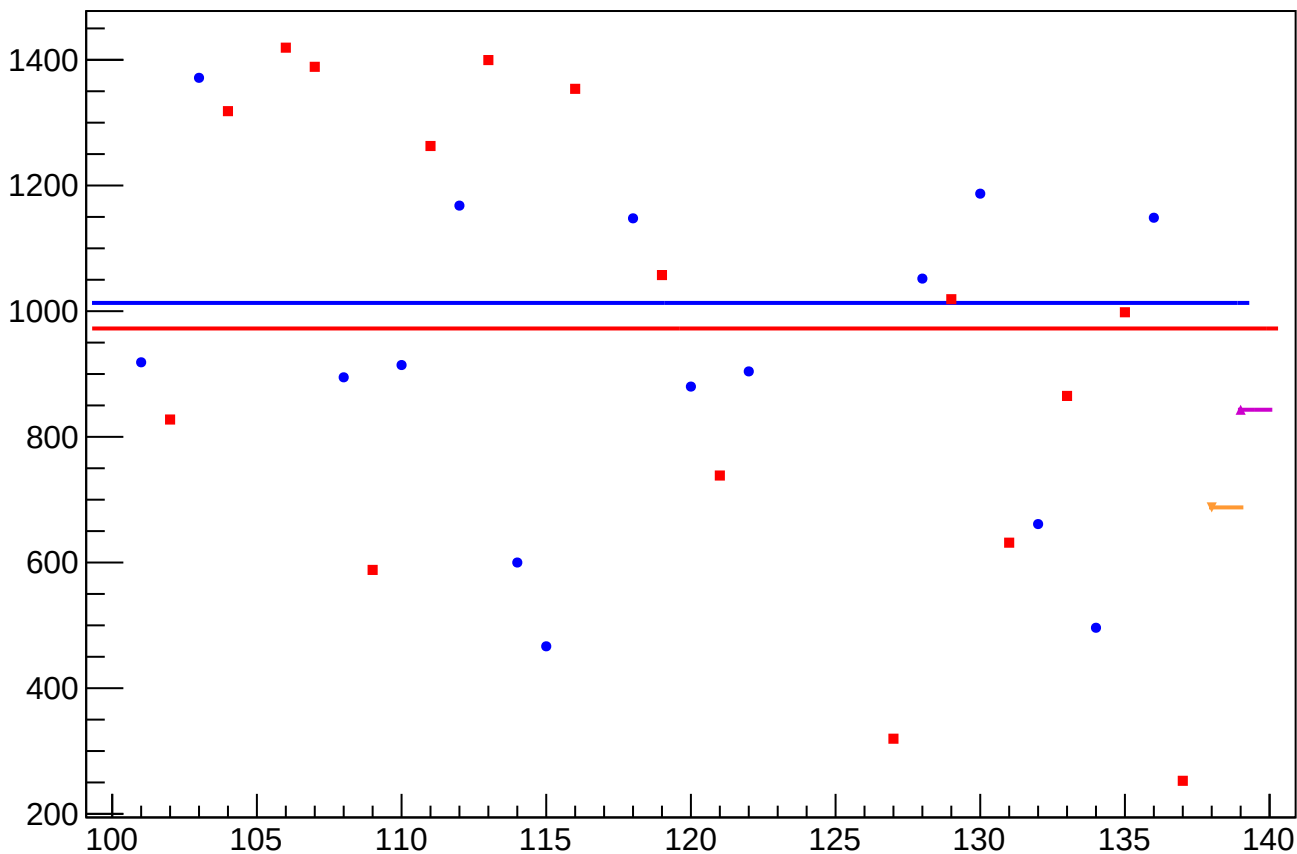
Right Out: 102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

Left In: 63.278+/-0.000 χ^2/NDF : 2473.9/0

112.950+/-0.000 χ^2/NDF : 31376535369678756

100.048+/-0.000 χ^2/NDF : 20387820034302036

dit_sam5_coil6_Ndata_mean vs Slug



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

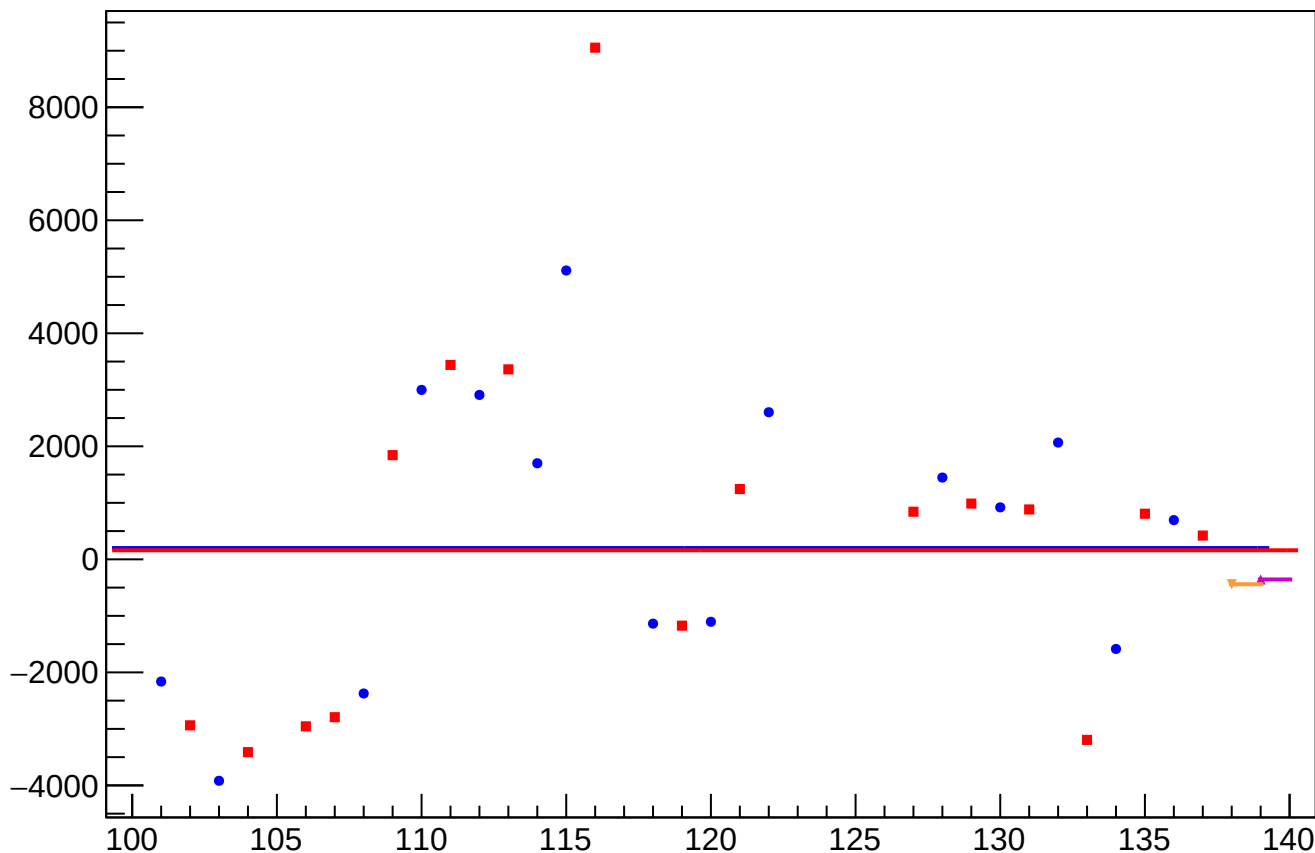
Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

Left In: 843.143 $\pm$ 0.000 χ^2 /NDF:0.0/0

978.231 $\pm$ 0.000 χ^2 /NDF: 39095487198101157

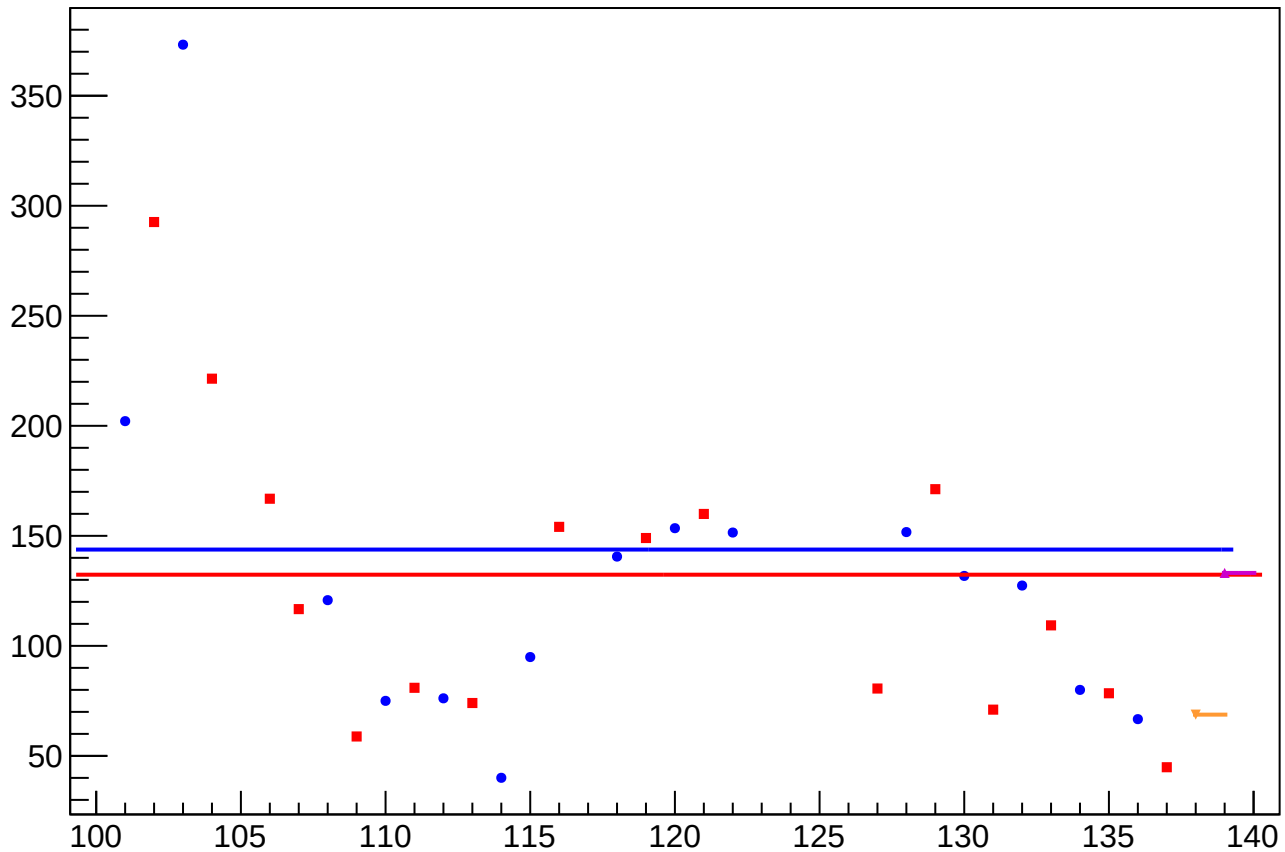
963.615 $\pm$ 0.000 χ^2 /NDF: 79647858887682217

dit_sam6_coil6_mean vs Slug



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

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

Left Out: 68.749+/-0.000 χ^2/NDF : 0.0/0

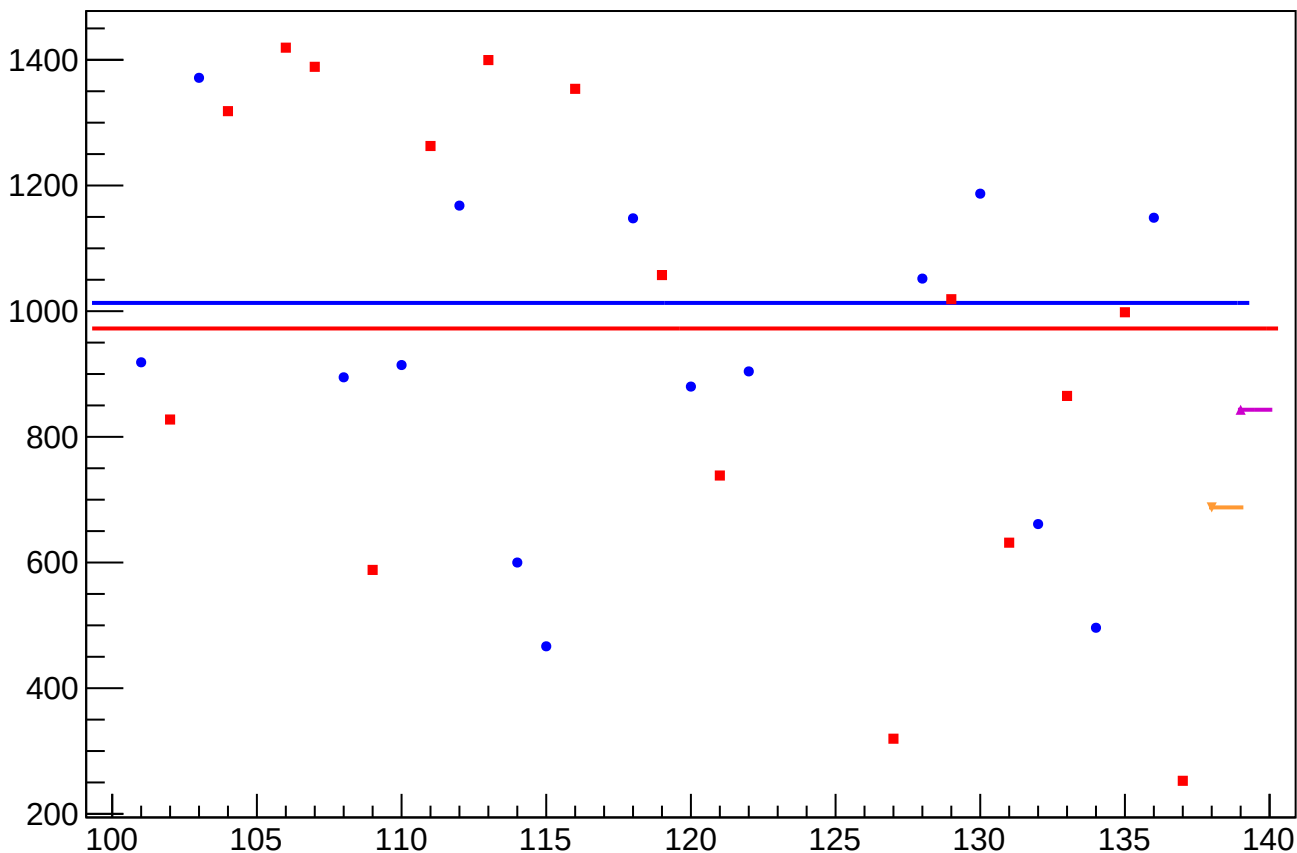
Right Out: 132.341+/-0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

Left In: 133.147+/-0.000 χ^2/NDF : 0.0/0

135.715+/-0.000 χ^2/NDF : 49066123965594160

132.396+/-0.000 χ^2/NDF : 31741175869975960

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

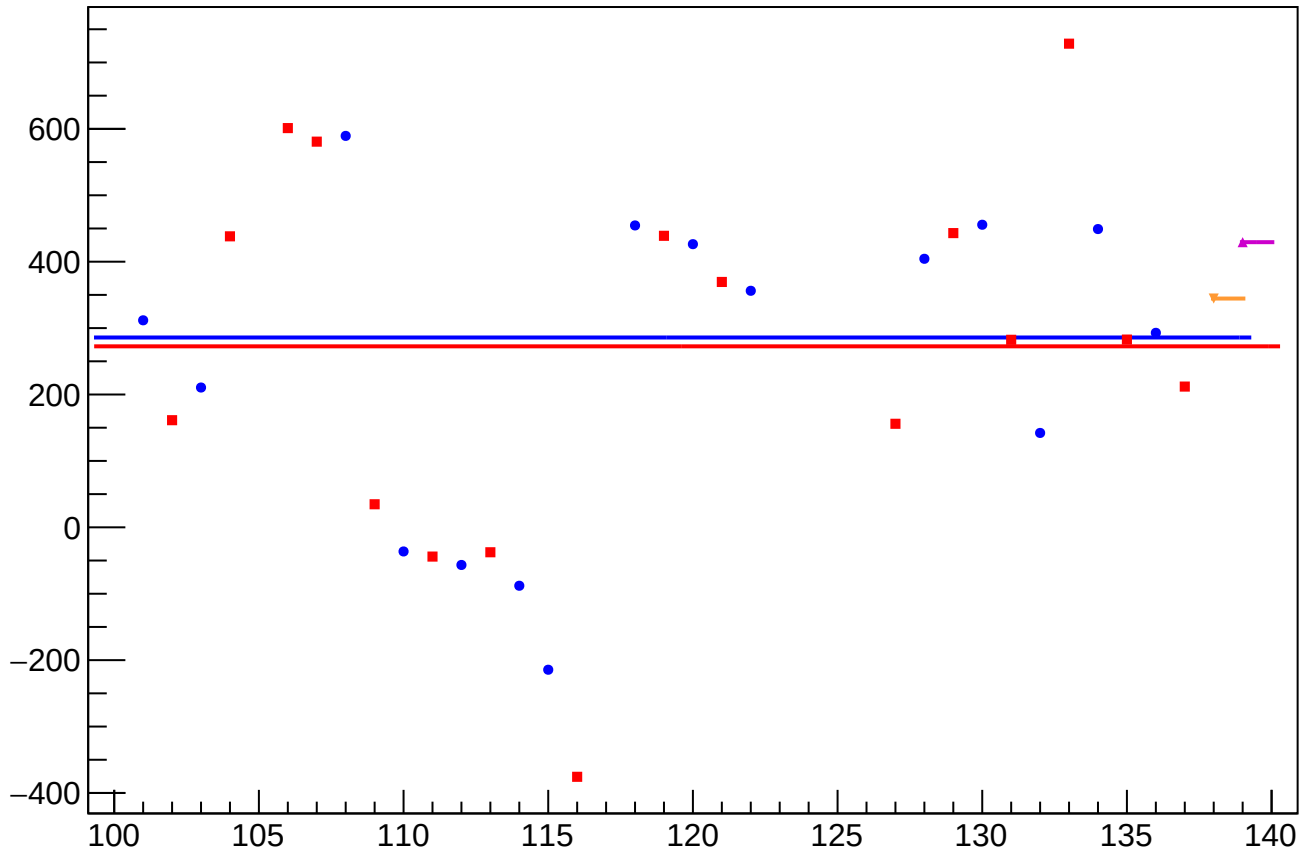
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 344.511+/-0.000 χ^2/NDF : 0.0/0

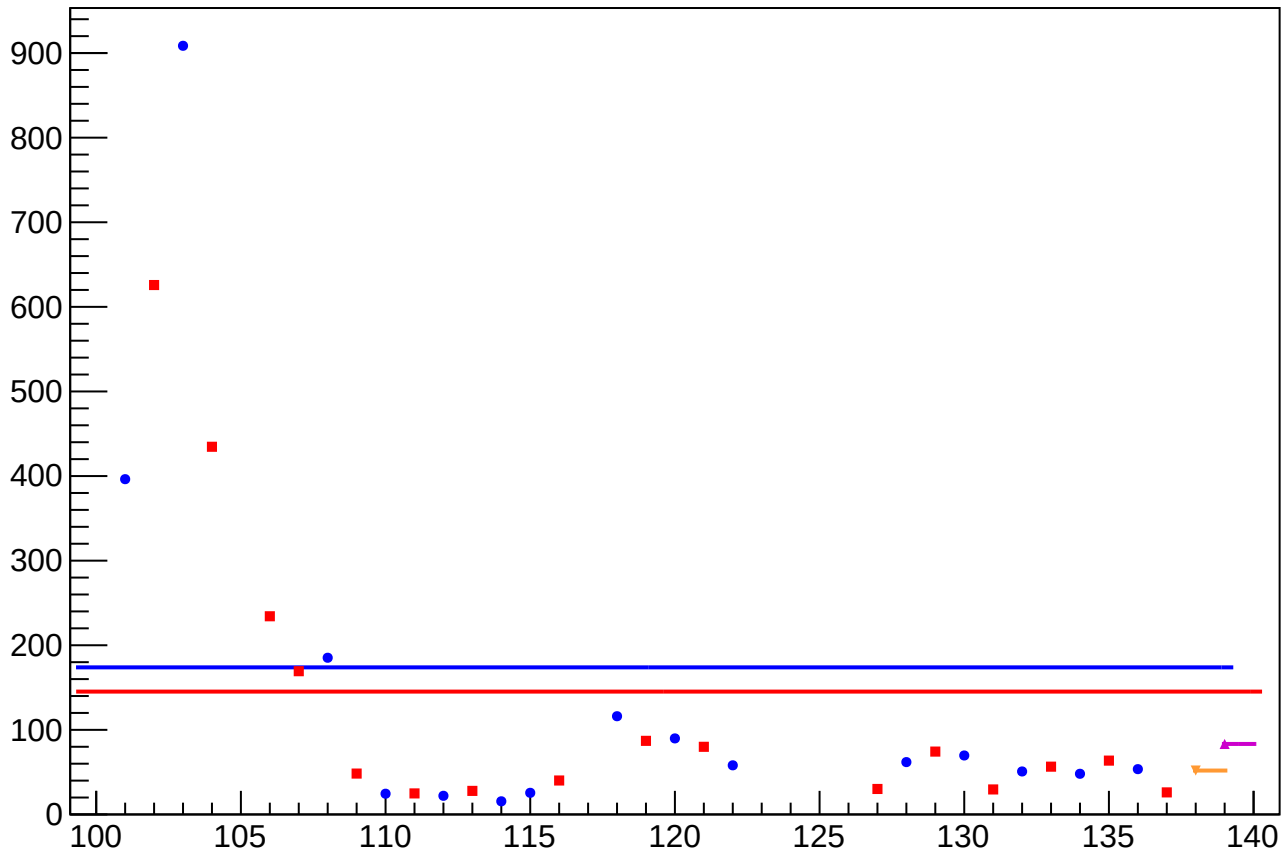
292.149+/-0.000 χ^2/NDF : 24347802684820440

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

283.273+/-0.000 χ^2/NDF : 45272969067603228

Left In: 429.390+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

Left Out: 51.902+/-0.000 χ^2/NDF :3938.0/0

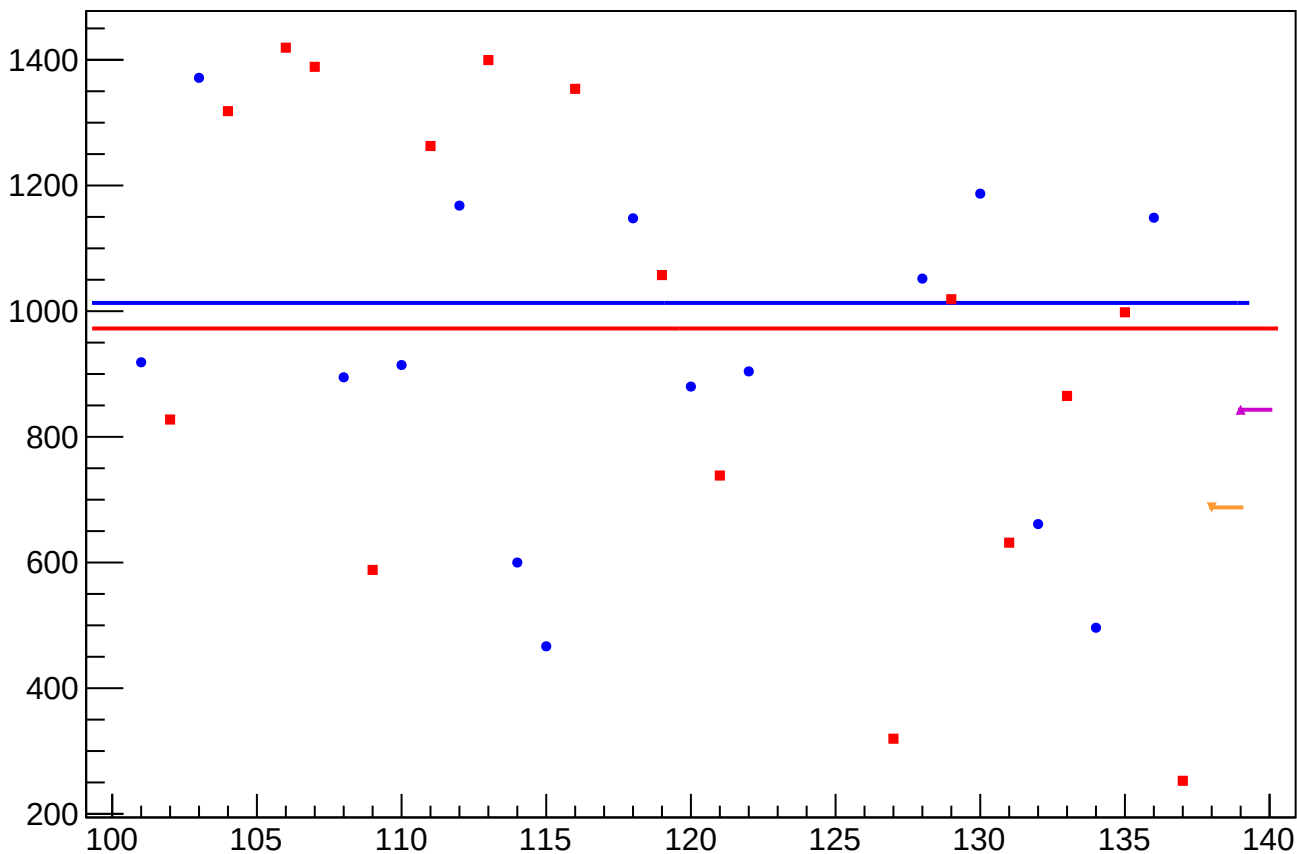
Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

Left In: 83.339+/-0.000 χ^2/NDF :9895.5/0

160.785+/-0.000 χ^2/NDF : 42741337291093909

140.993+/-0.000 χ^2/NDF : 22704455023612328

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

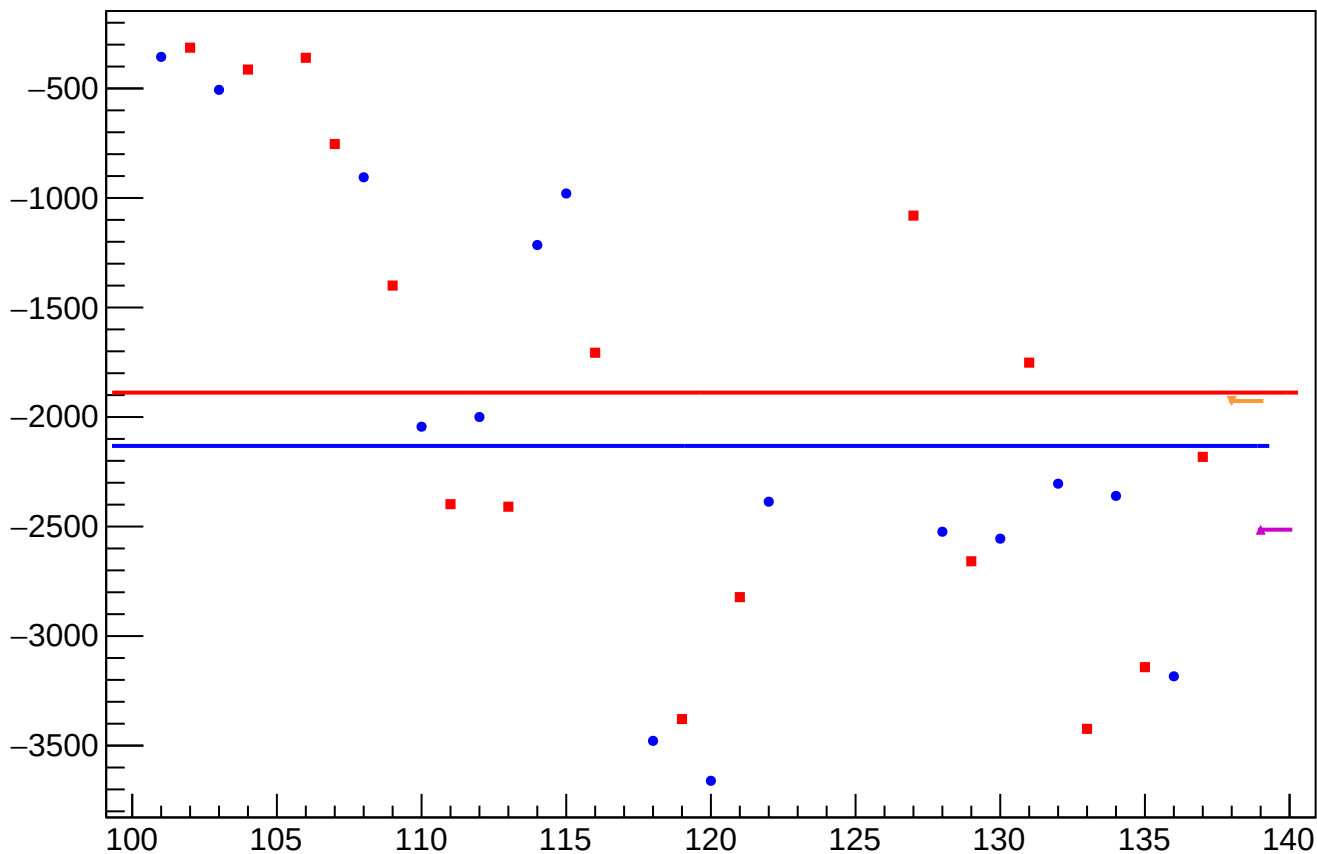
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

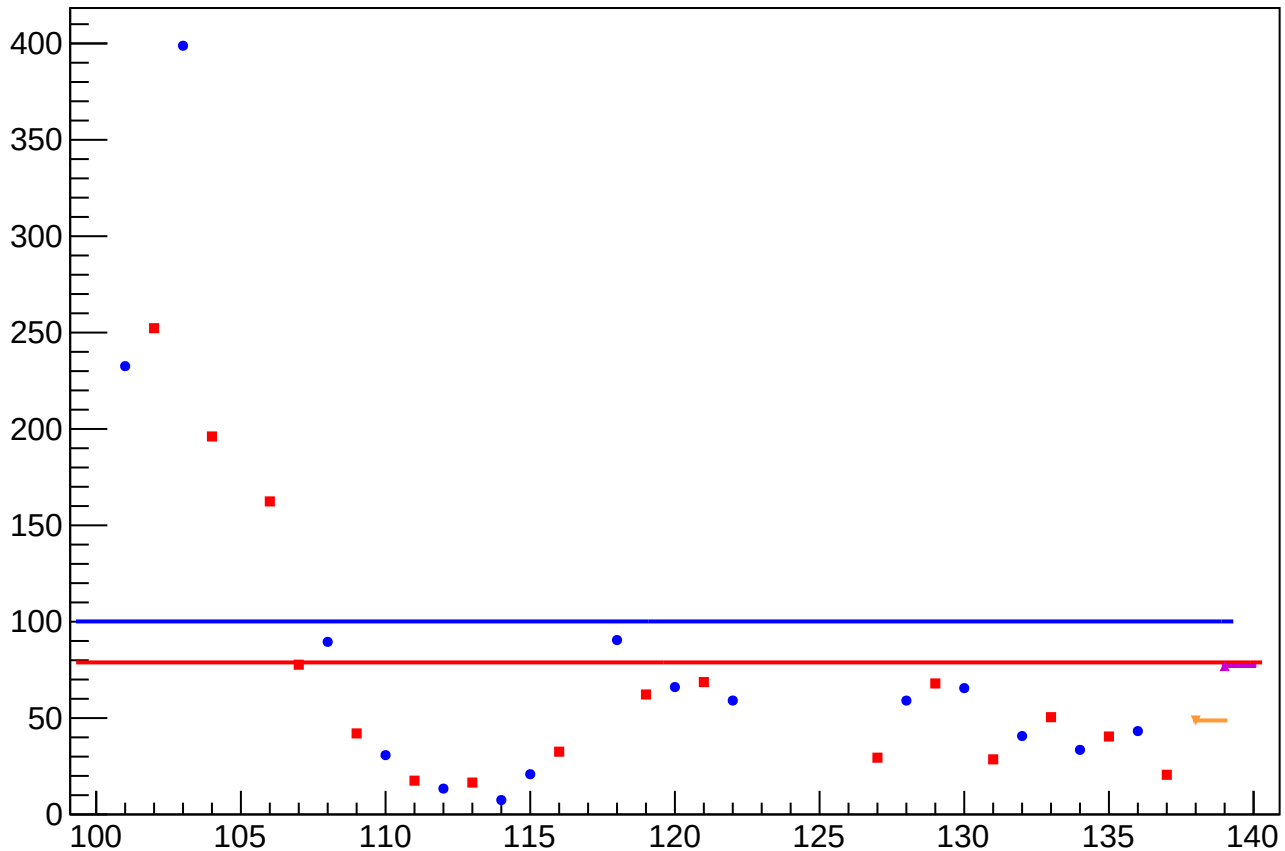
963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_sam8_coil6_mean vs Slug



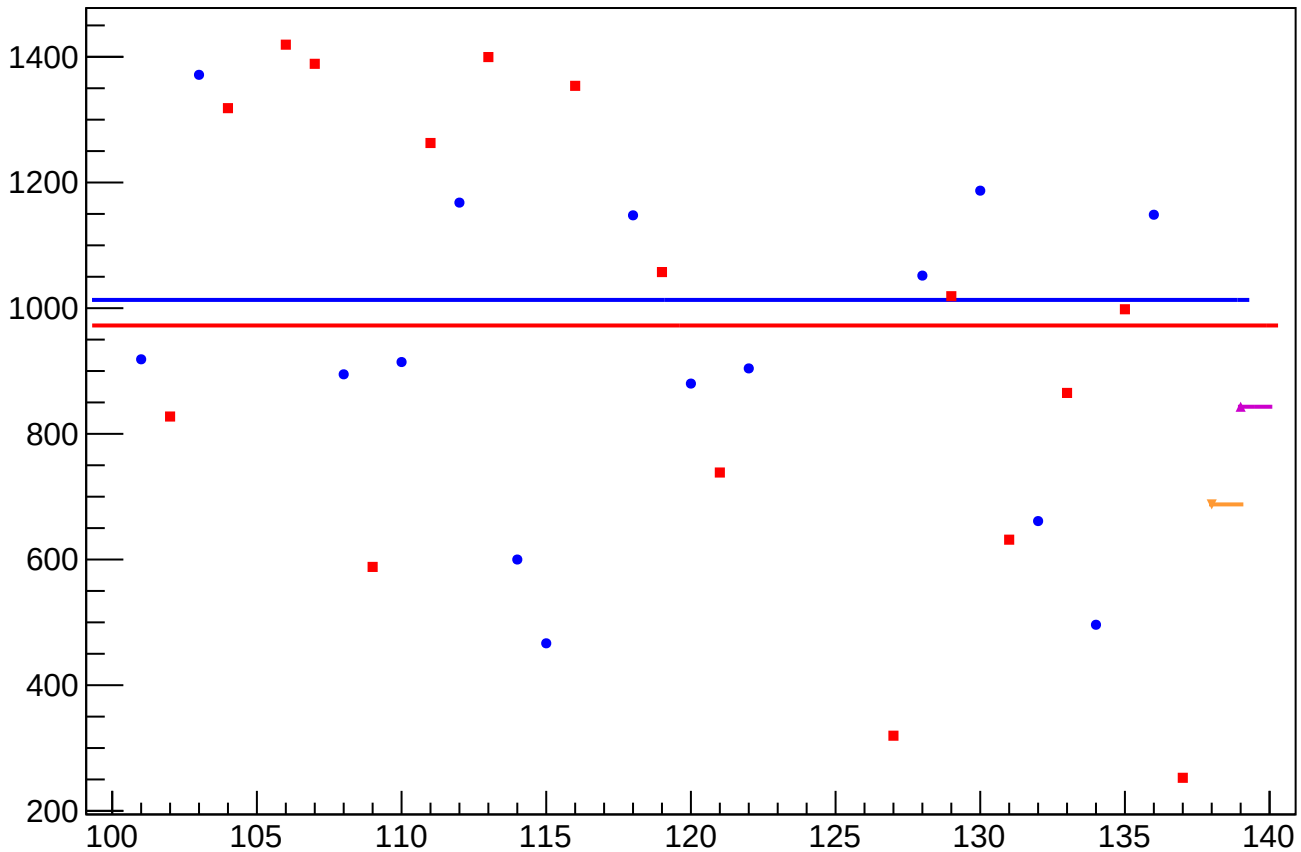
Right In: -2131.905+/-0.000 χ^2/NDF : 722433384570495071131450661983670501376.0/14
 Left Out: -1926.832+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1888.448+/-0.000 χ^2/NDF : 791986665551980691032719862611769819136.0/15
 Left In: -2514.240+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug



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

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0

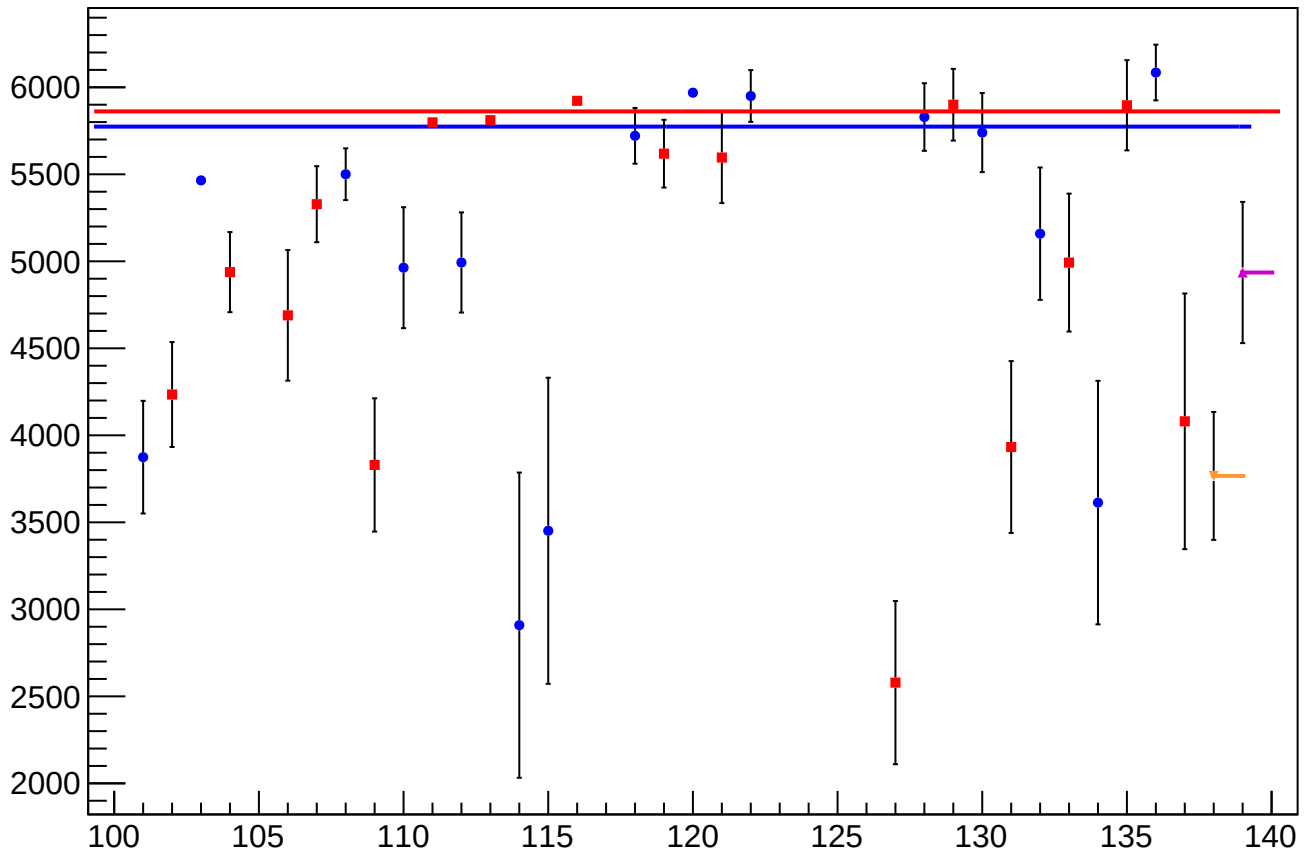
Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 843.143+/-0.000 χ^2/NDF : 0.0/0

978.231+/-0.000 χ^2/NDF : 39095487198101157

963.615+/-0.000 χ^2/NDF : 79647858887682217

dit_run_mean vs Slug



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

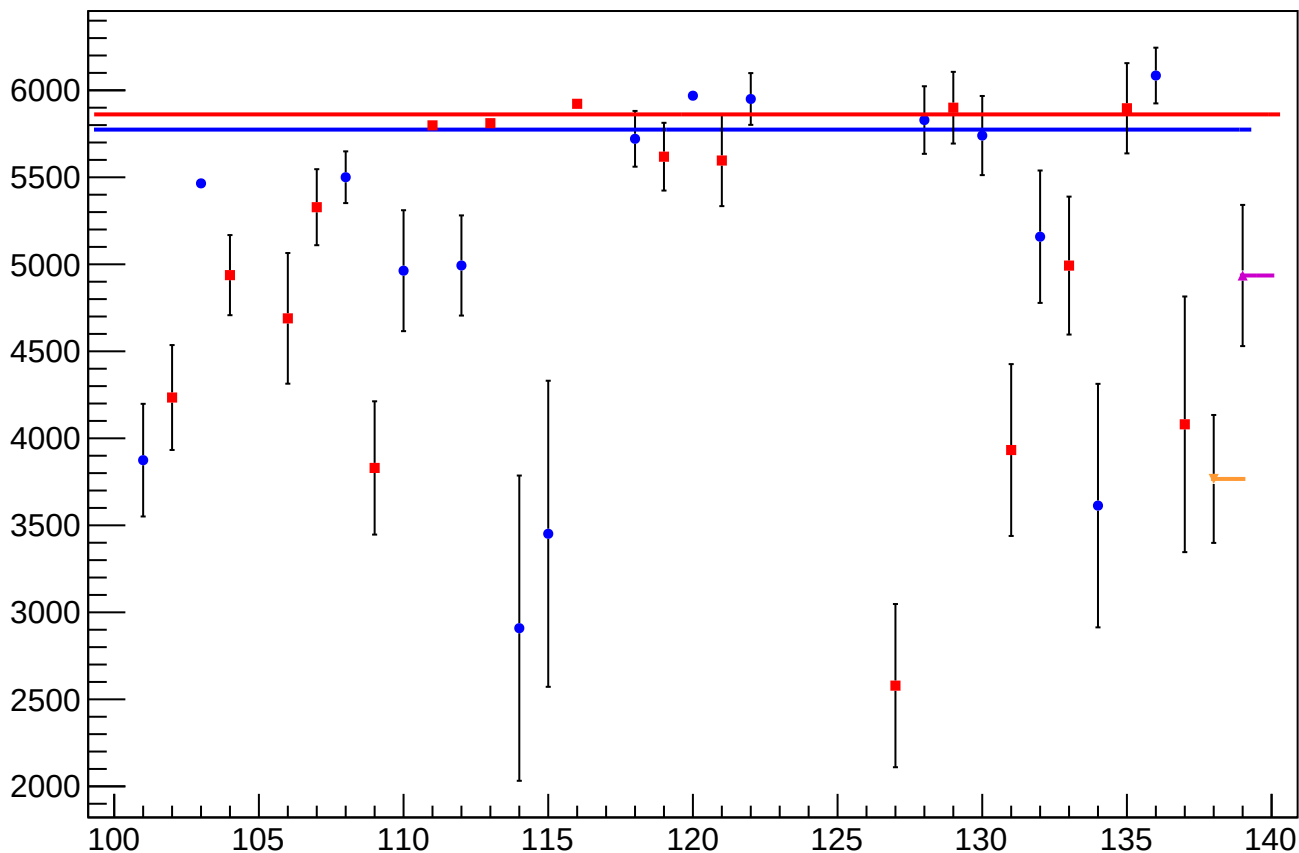
Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

Left In: 4935.653 $\pm$ 405.708 χ^2 /NDF:0.0/0

5774.116 $\pm$ 0.181 χ^2 /NDF: 1828556.3/15

5861.461 $\pm$ 0.140 χ^2 /NDF: 180025.6/16

dit_run_rms vs Slug



Right In: 5774.117 ± 0.181 $\chi^2/\text{NDF}: 1828526.5/14$

Left Out: 3766.577 ± 367.580 $\chi^2/\text{NDF}: 0.0/0$

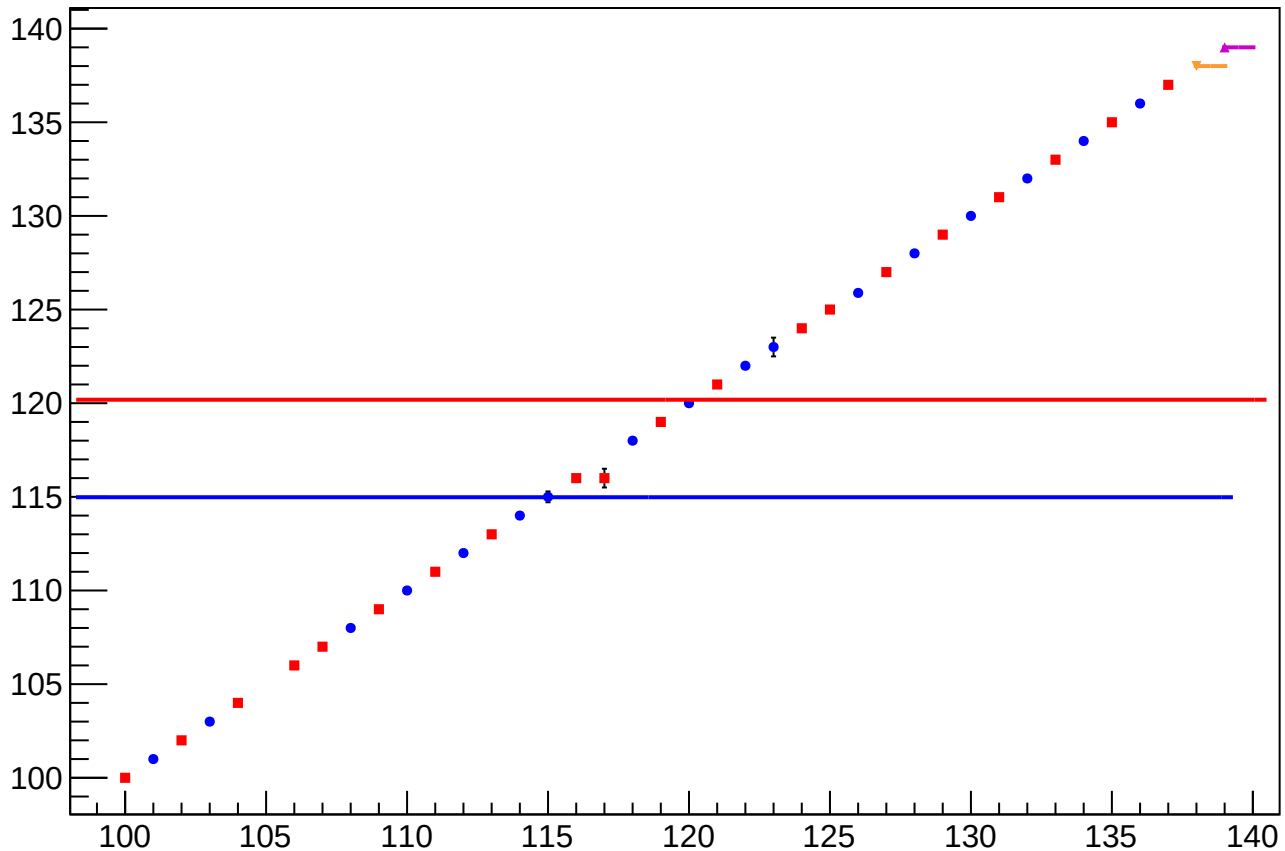
Right Out: 5861.461 ± 0.140 $\chi^2/\text{NDF}: 180020.4/15$

Left In: 4935.653 ± 405.708 $\chi^2/\text{NDF}: 0.0/0$

5774.116 ± 0.181 $\chi^2/\text{NDF}: 1828556.3/15$

5861.461 ± 0.140 $\chi^2/\text{NDF}: 180025.6/16$

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16

Left Out: 138.000+/-0.000 χ^2/NDF : 77.0/0

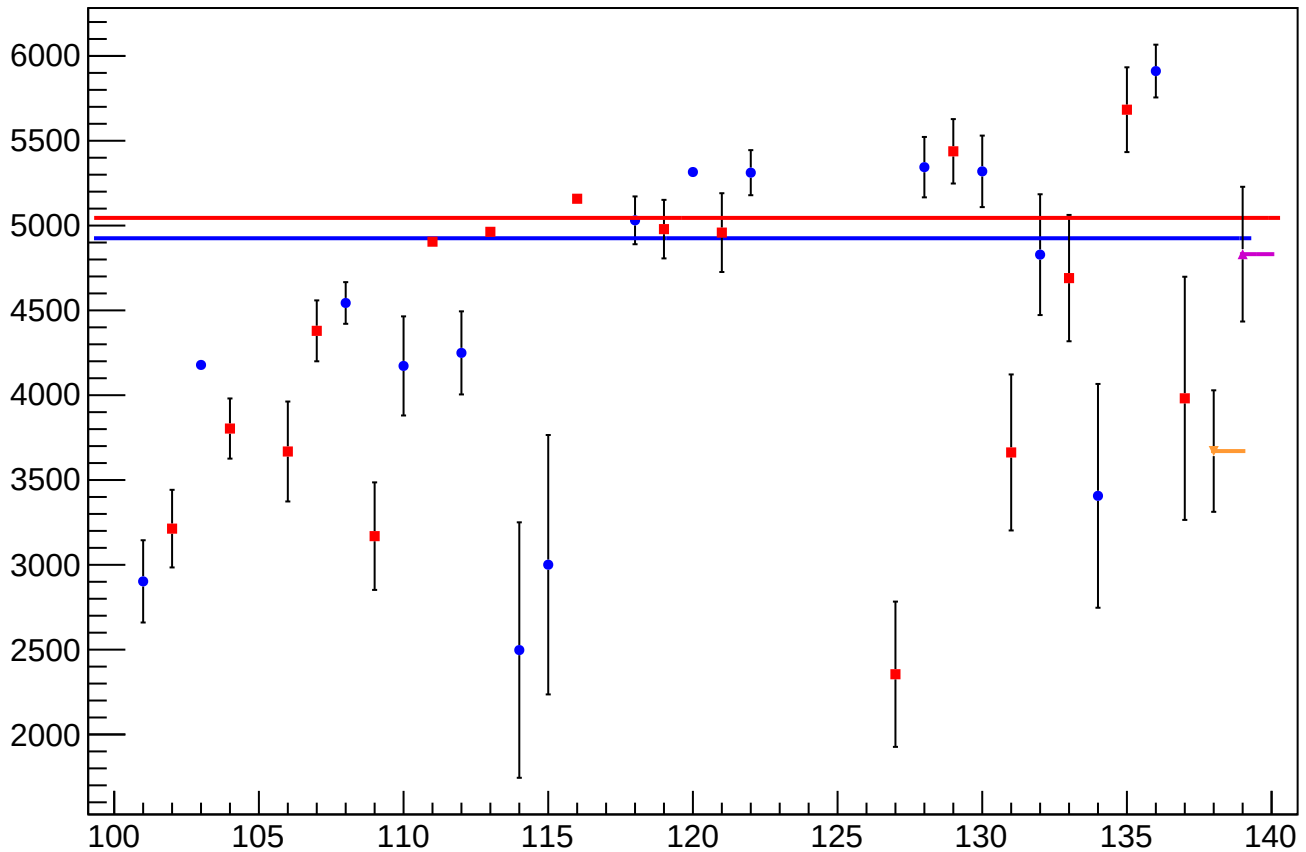
Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/19

Left In: 139.000+/-0.143 χ^2/NDF : 0.0/0

116.377+/-0.000 χ^2/NDF : 15979323783741632

120.186+/-0.000 χ^2/NDF : 52233253644261695

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 3670.641+/-358.219 χ^2/NDF : 0.0/0

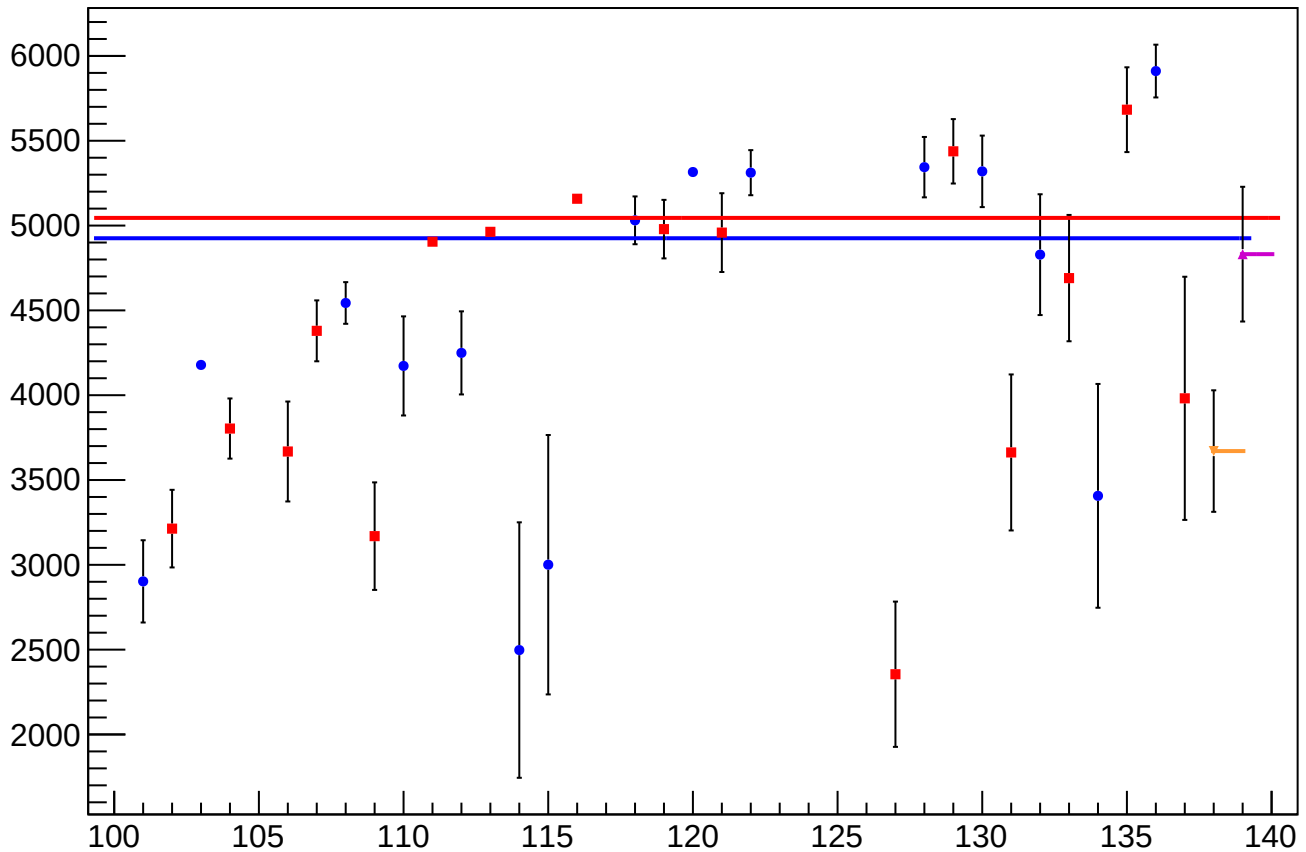
Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

Left In: 4831.490+/-397.149 χ^2/NDF : 0.0/0

4925.297+/-0.939 χ^2/NDF : 331006.8/15

5045.221+/-0.668 χ^2/NDF : 30180.2/16

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 3670.641+/-358.219 χ^2/NDF : 0.0/0

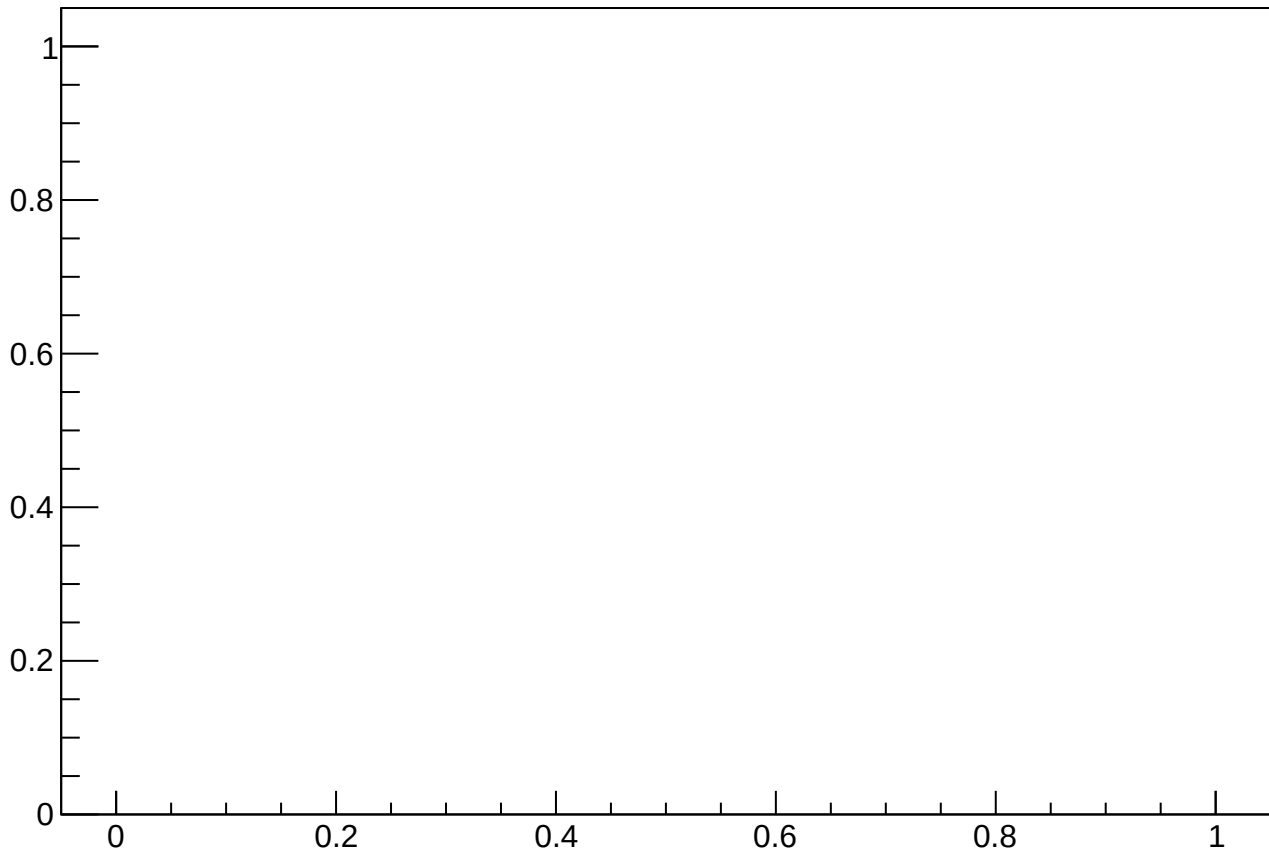
Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

Left In: 4831.490+/-397.149 χ^2/NDF : 0.0/0

4925.297+/-0.939 χ^2/NDF : 331006.8/15

5045.221+/-0.668 χ^2/NDF : 30180.2/16

dit_scandata1_mean vs Slug



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

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

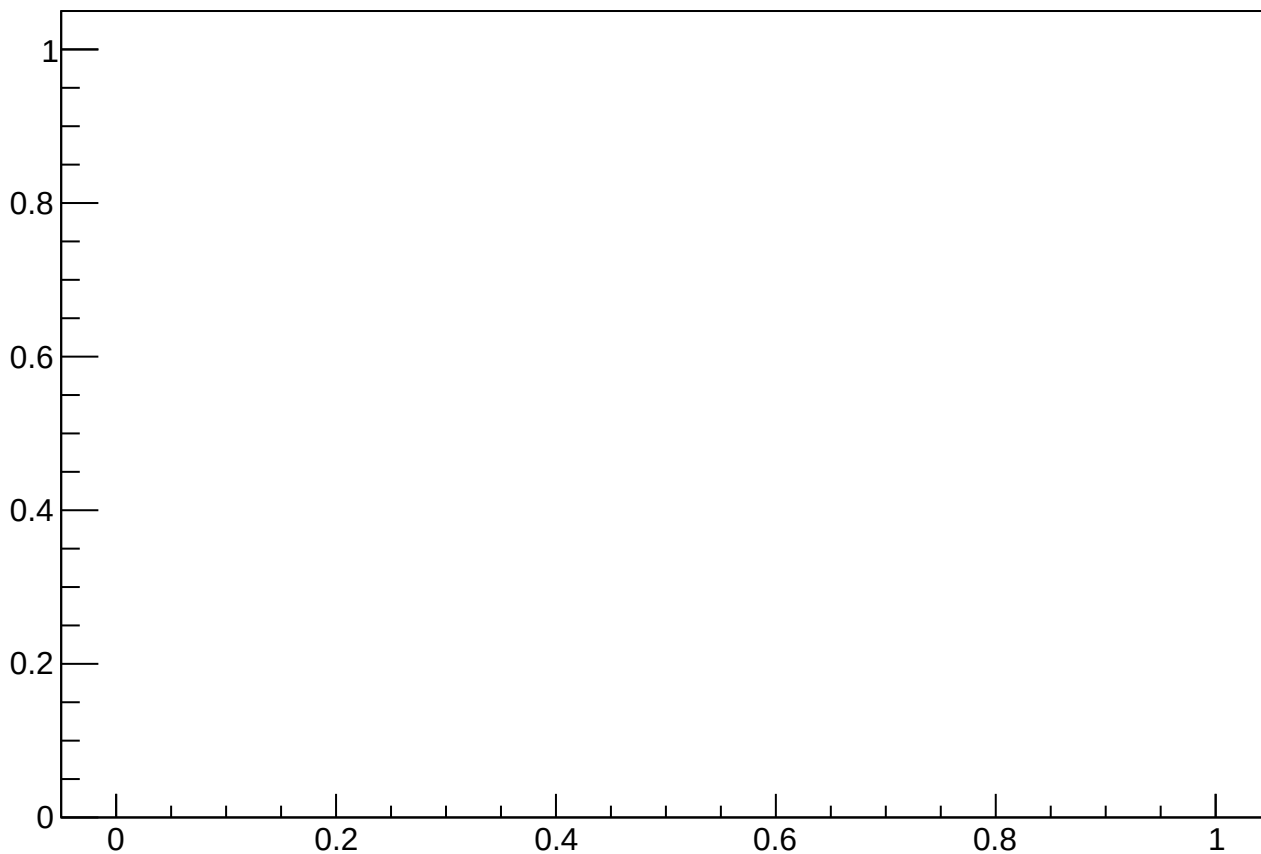
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_scandata1_rms vs Slug



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

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

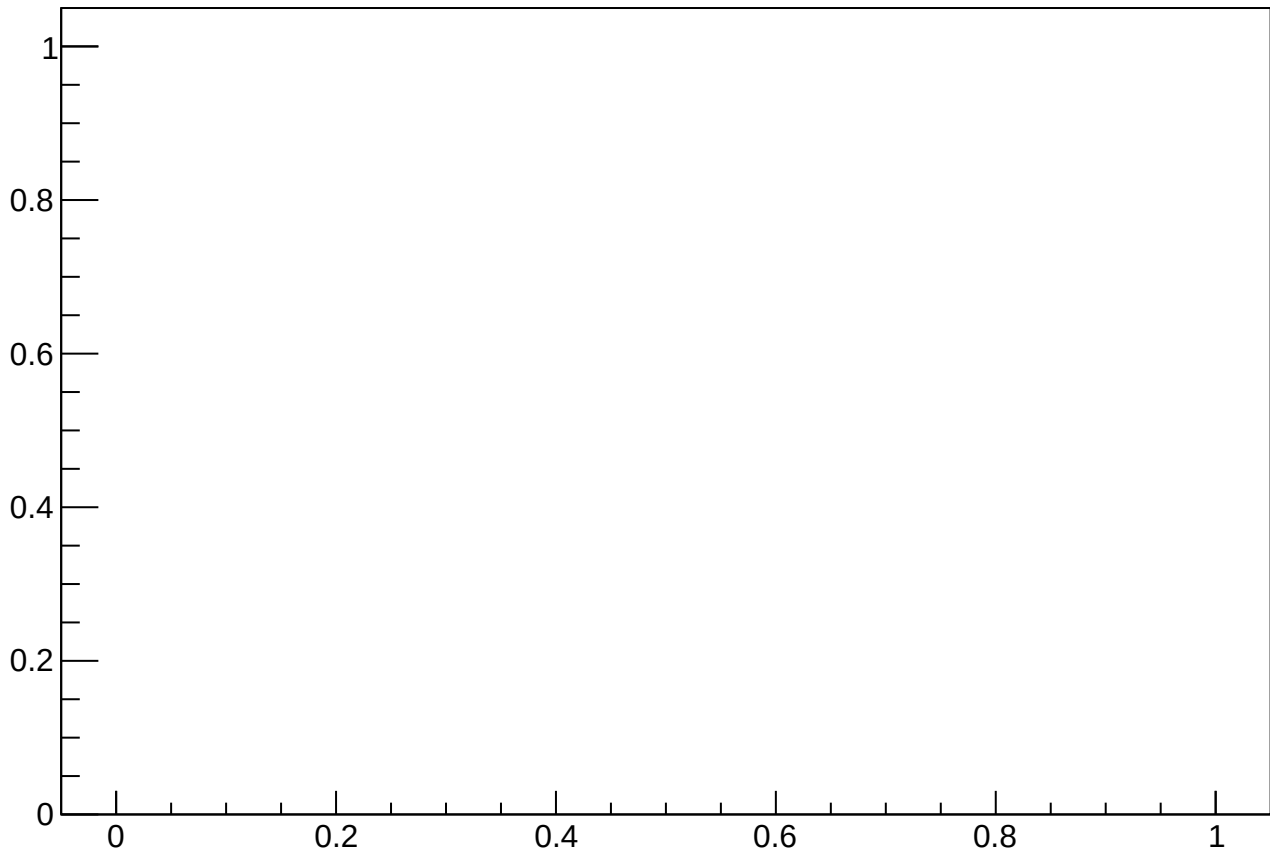
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_scandata2_mean vs Slug



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

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

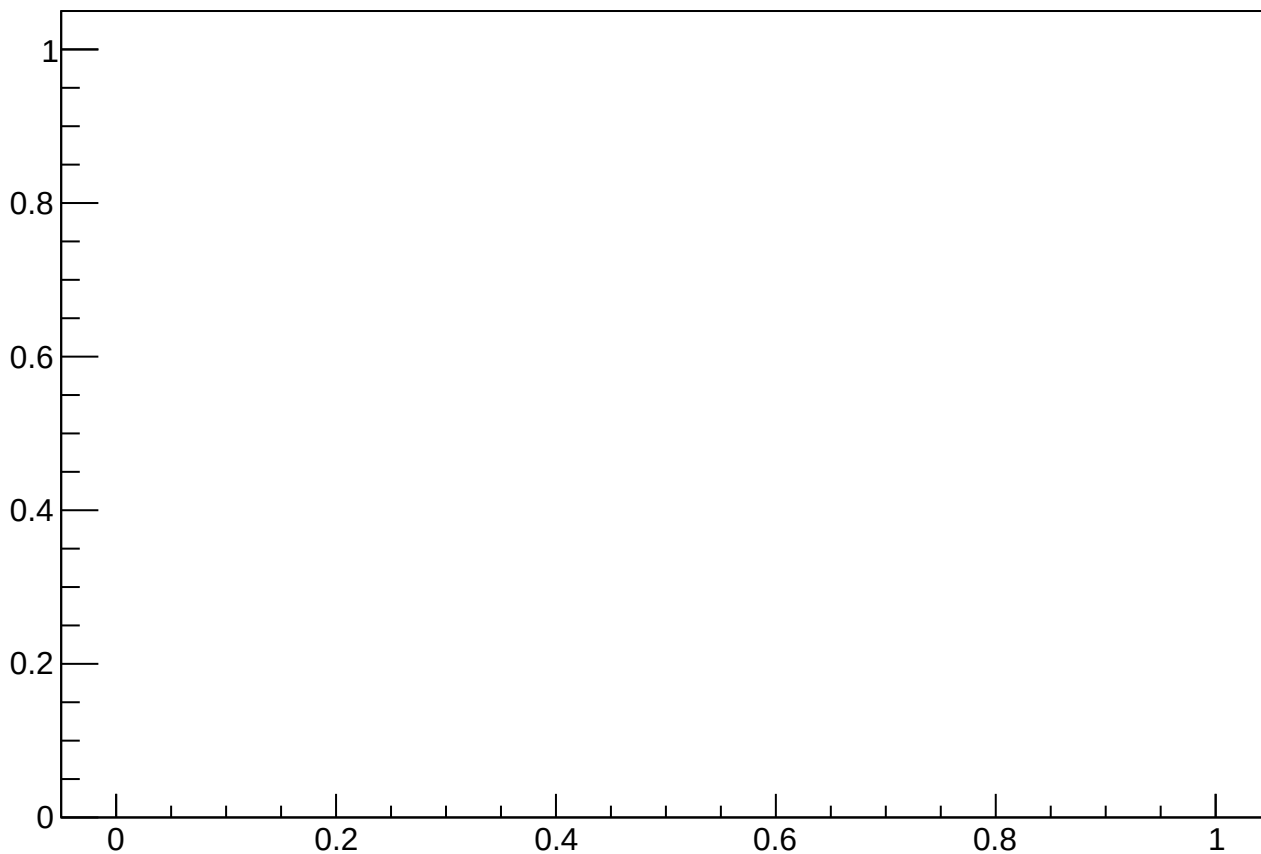
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_scandata2_rms vs Slug



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

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

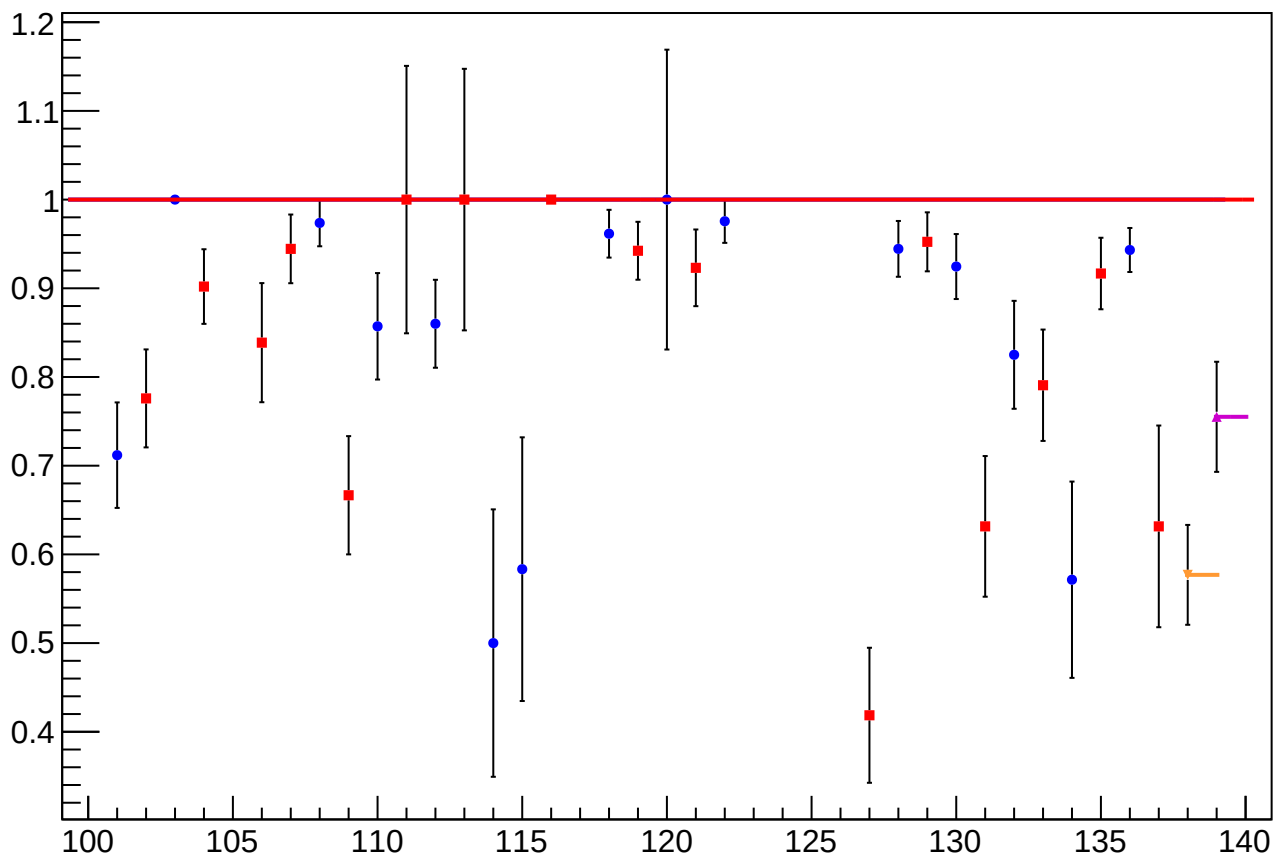
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_flag_mean vs Slug



Right In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Left Out: 0.577+/-0.056 χ^2/NDF : 0.0/0

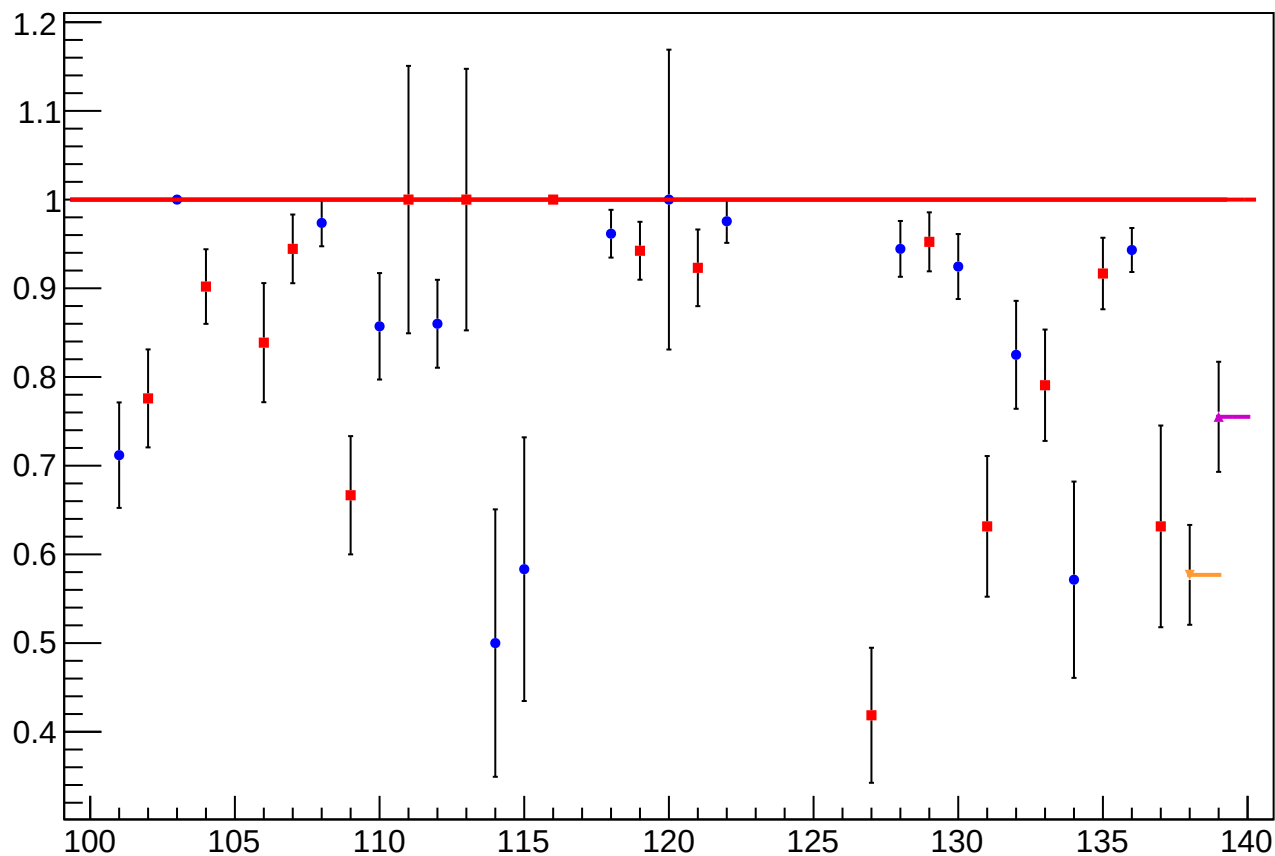
Right Out: 1.000+/-0.000 χ^2/NDF : 168.9/15

Left In: 0.755+/-0.062 χ^2/NDF : 0.0/0

1.000+/-0.000 χ^2/NDF : 152.4/15

1.000+/-0.000 χ^2/NDF : 184.4/16

dit_flag_rms vs Slug



Right In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Left Out: 0.577+/-0.056 χ^2/NDF : 0.0/0

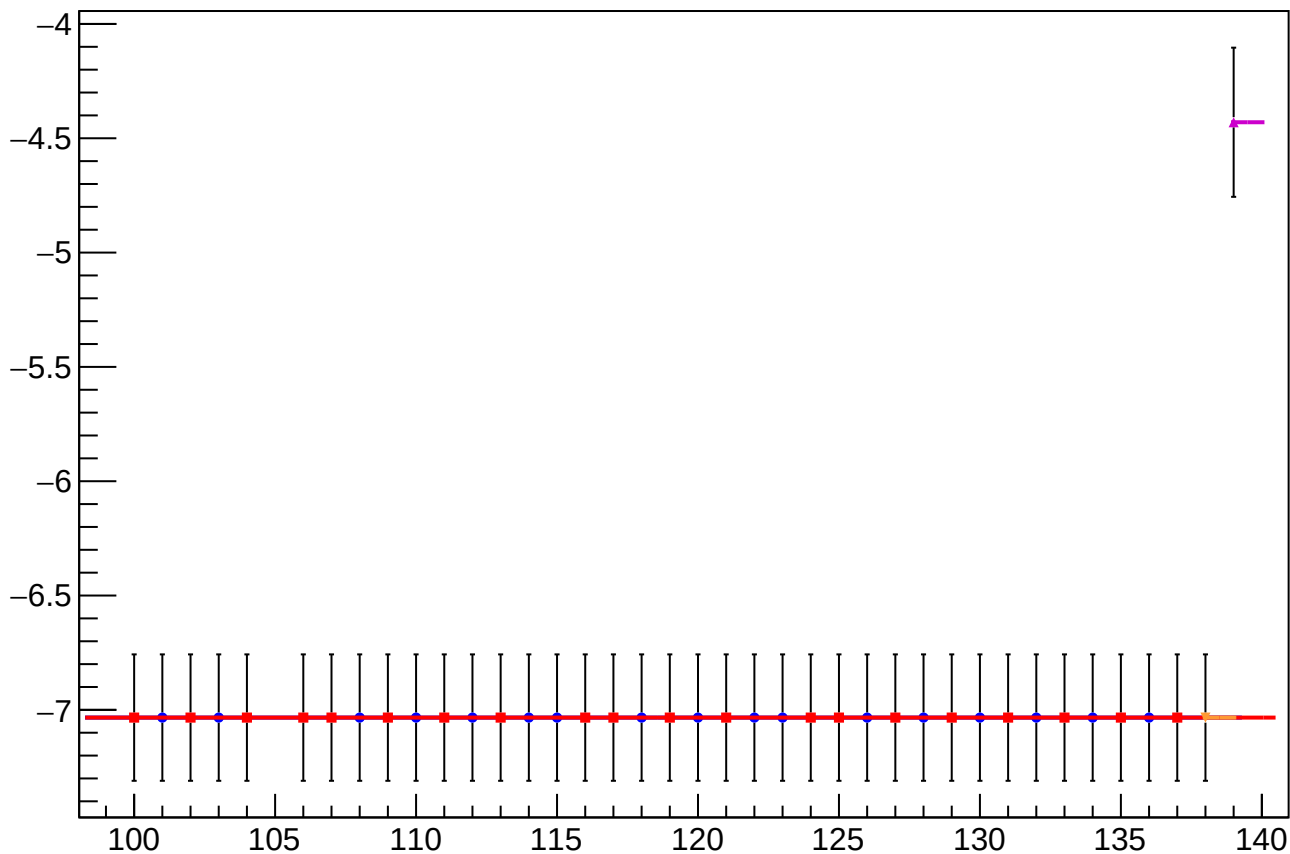
Right Out: 1.000+/-0.000 χ^2/NDF : 168.9/15

Left In: 0.755+/-0.062 χ^2/NDF : 0.0/0

1.000+/-0.000 χ^2/NDF : 152.4/15

1.000+/-0.000 χ^2/NDF : 184.4/16

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

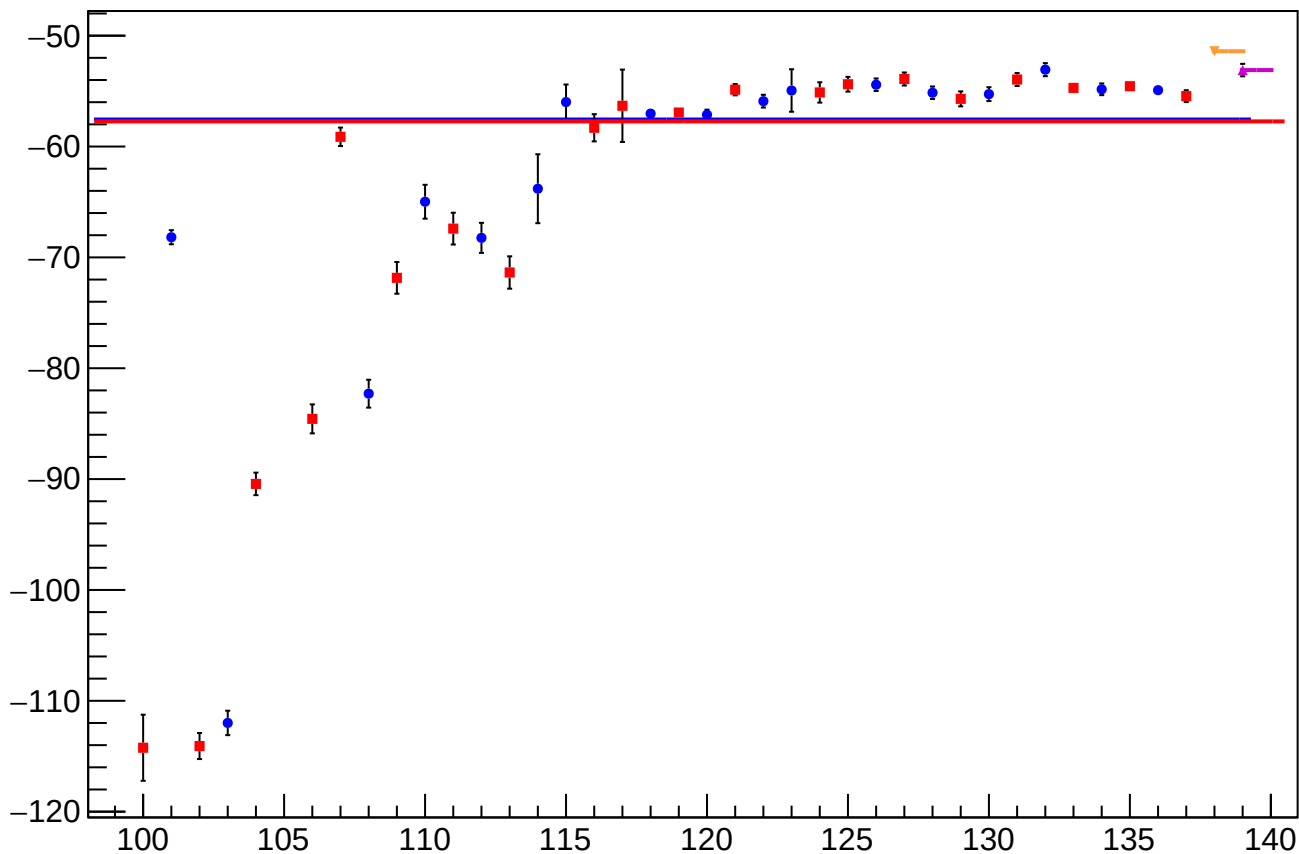
Right Out: -7.034 $\pm$ 0.062 χ^2 /NDF: 0.0/19

Left In: -4.430 $\pm$ 0.326 χ^2 /NDF: 0.0/0

-7.034 $\pm$ 0.065 χ^2 /NDF: 0.0/17

-6.944 $\pm$ 0.061 χ^2 /NDF: 61.5/20

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -51.404 ± 0.322 χ^2/NDF : 0.0/0

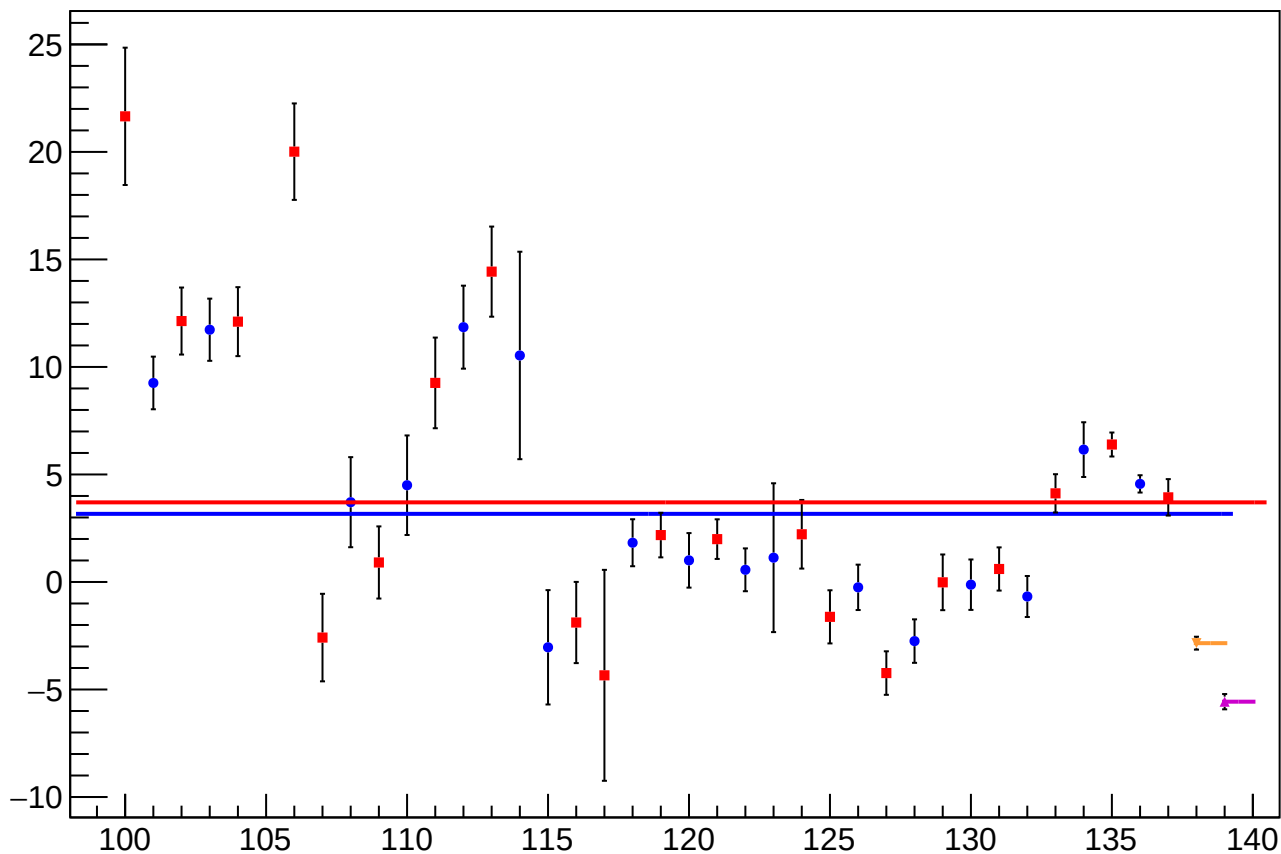
Right Out: -57.733 ± 0.143 χ^2/NDF : 4698.6/19

Left In: -53.103 ± 0.565 χ^2/NDF : 0.0/0

-56.568 ± 0.130 χ^2/NDF : 3762.2/17

-57.455 ± 0.139 χ^2/NDF : 4761.8/20

reg_asym_sam1_diff_bpm4eX_slope vs Slug



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

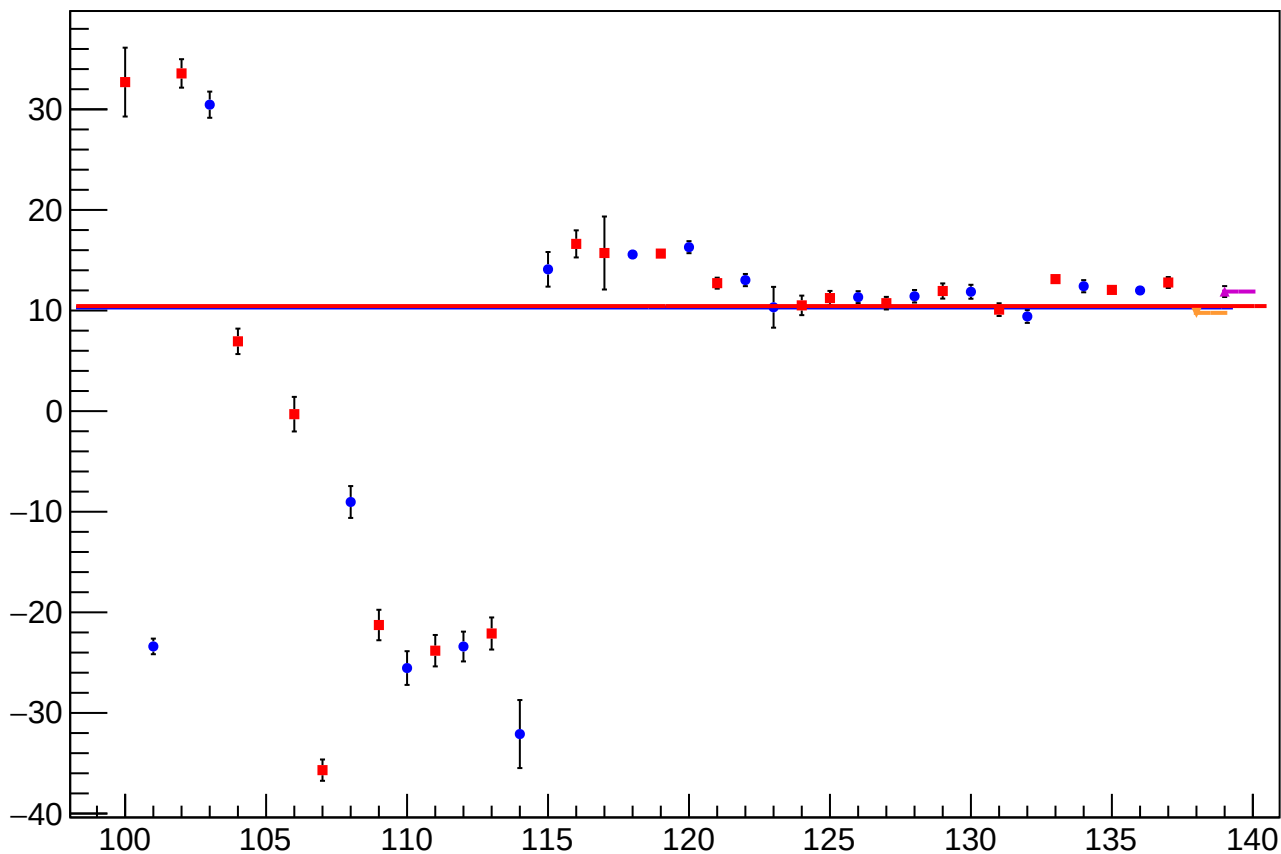
Right Out: 3.702 $\pm$ 0.267 χ^2 /NDF: 326.0/19

Left In: -5.567 $\pm$ 0.356 χ^2 /NDF: 0.0/0

0.616 $\pm$ 0.196 χ^2 /NDF: 417.2/17

0.367 $\pm$ 0.213 χ^2 /NDF: 760.7/20

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 $\pm$ 0.157 χ^2 /NDF: 3712.3/16

Left Out: 9.767 $\pm$ 0.354 χ^2 /NDF:0.0/0

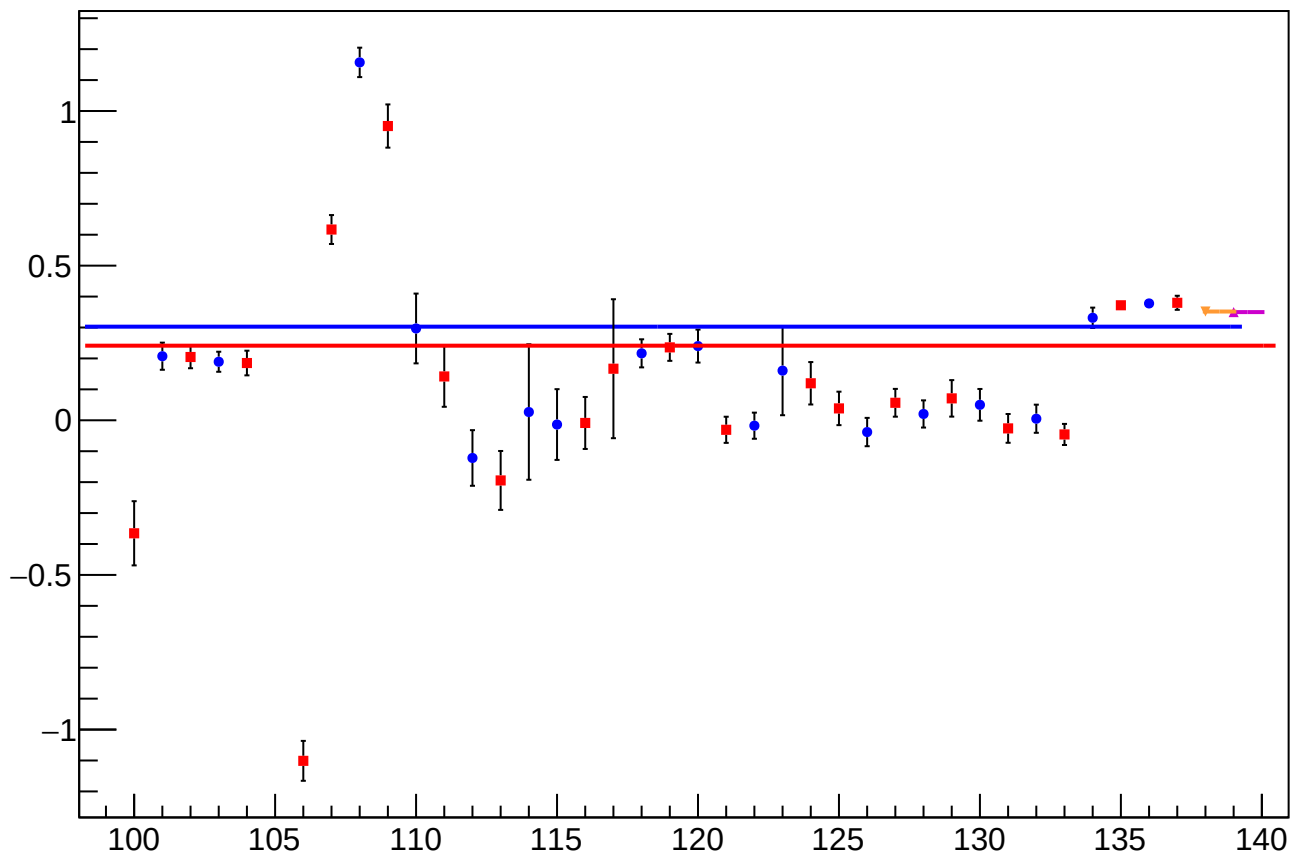
Right Out: 10.443 $\pm$ 0.160 χ^2 /NDF: 3830.6/19

Left In: 11.887 $\pm$ 0.542 χ^2 /NDF:0.0/0

10.217 $\pm$ 0.143 χ^2 /NDF: 3714.2/17

10.558 $\pm$ 0.153 χ^2 /NDF: 3837.1/20

reg_asym_sam1_diff_bpm12X_slope vs Slug



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

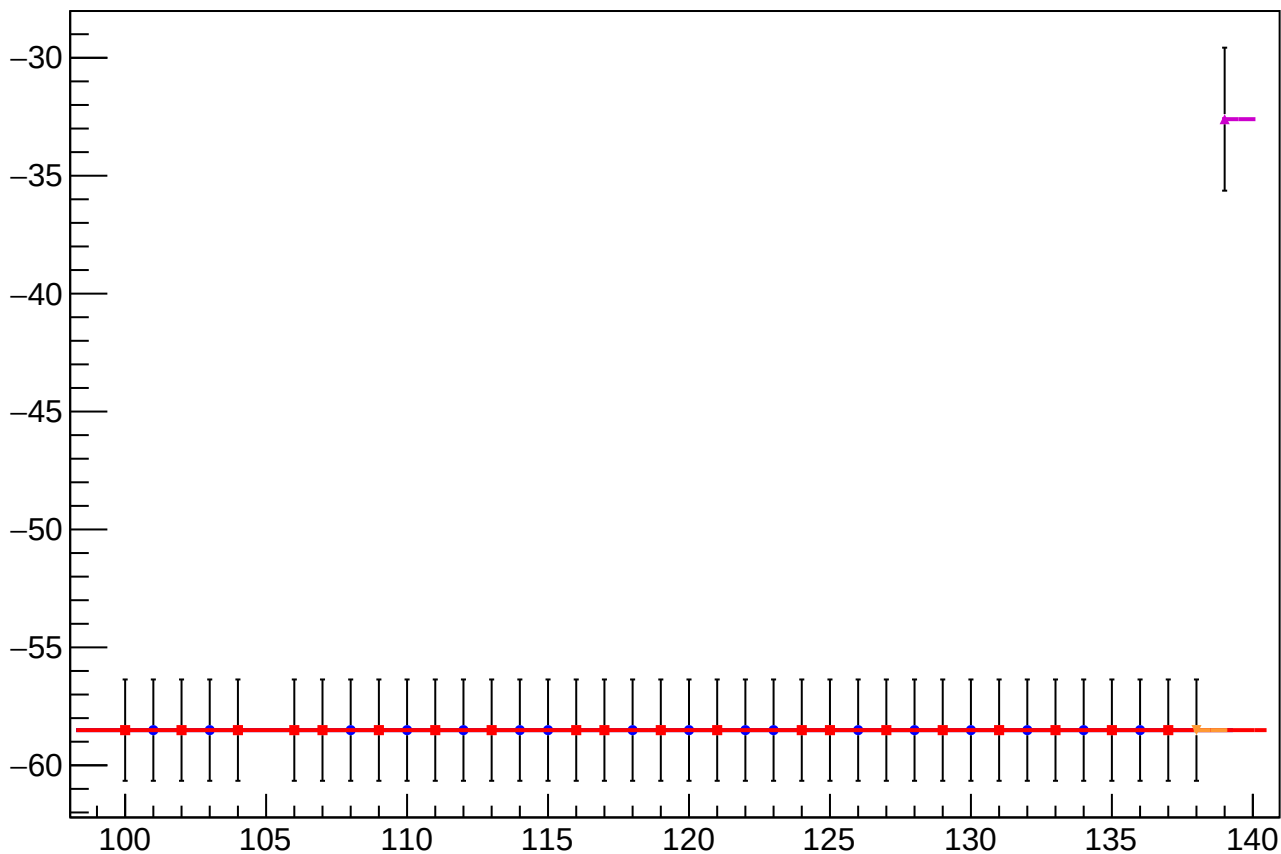
Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.9/19

Left In: 0.350 $\pm$ 0.012 χ^2 /NDF: 0.0/0

0.319 $\pm$ 0.007 χ^2 /NDF: 658.6/17

0.278 $\pm$ 0.007 χ^2 /NDF: 1041.9/20

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -58.509 $\pm$ 0.521 χ^2 /NDF: 0.0/16

Left Out: -58.509 $\pm$ 2.148 χ^2 /NDF: 0.0/0

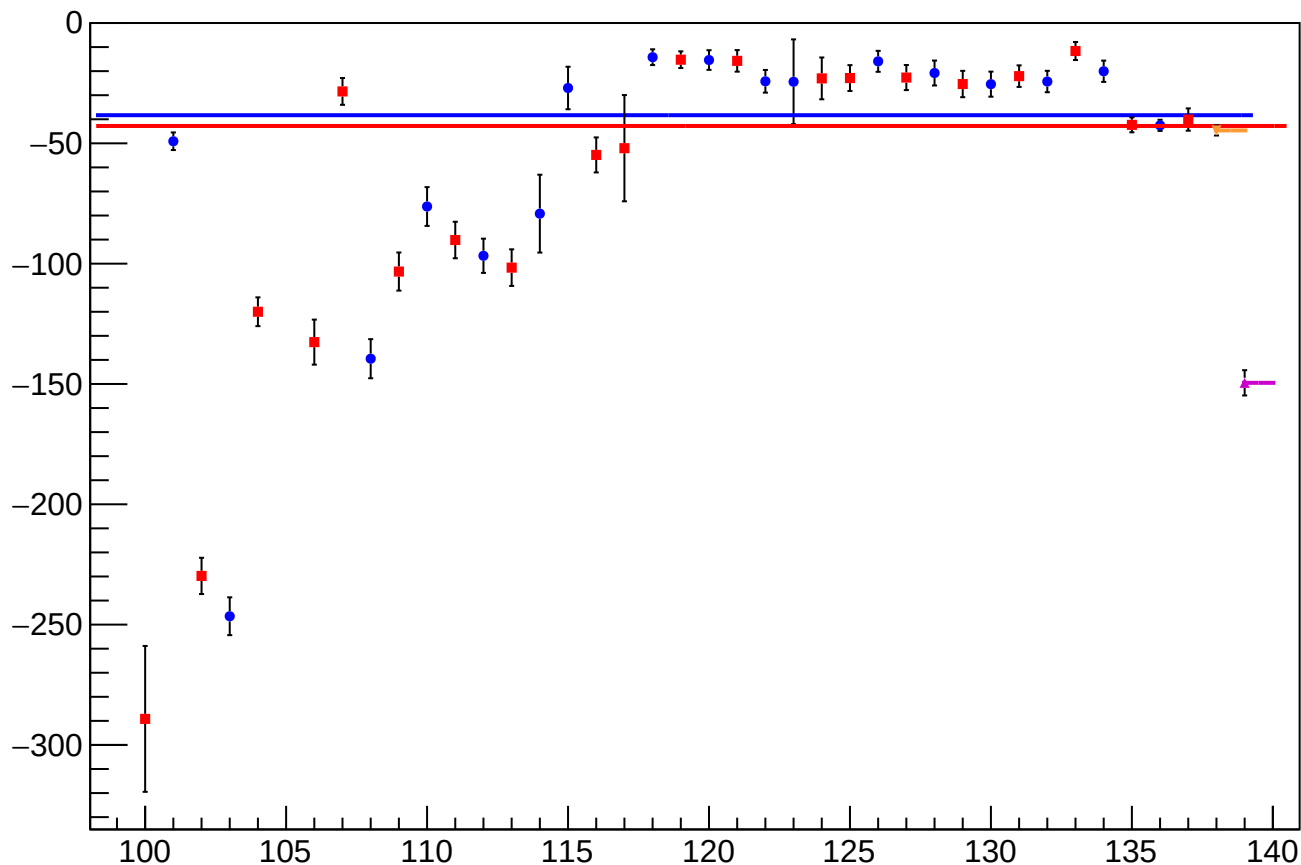
Right Out: -58.509 $\pm$ 0.480 χ^2 /NDF: 0.0/19

Left In: -32.602 $\pm$ 3.032 χ^2 /NDF: 0.0/0

-58.509 $\pm$ 0.506 χ^2 /NDF: 0.0/17

-57.875 $\pm$ 0.474 χ^2 /NDF: 71.2/20

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 $\pm$ 1.137 χ^2 /NDF: 1132.7/16

Left Out: -44.638 $\pm$ 2.106 χ^2 /NDF: 0.0/0

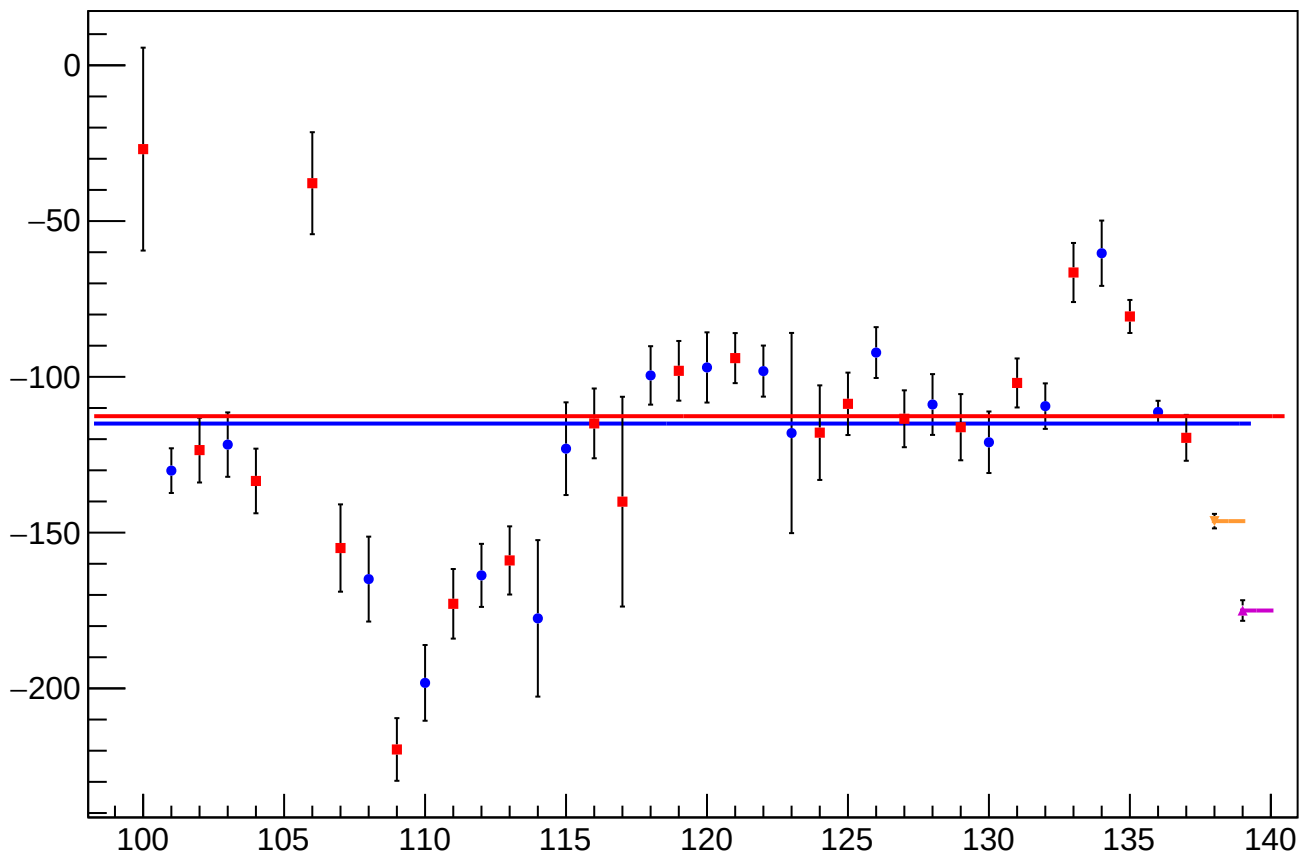
Right Out: -42.784 $\pm$ 1.209 χ^2 /NDF: 1341.8/19

Left In: -149.522 $\pm$ 5.255 χ^2 /NDF: 0.0/0

-39.737 $\pm$ 1.001 χ^2 /NDF: 1139.6/17

-48.149 $\pm$ 1.178 χ^2 /NDF: 1733.7/20

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 $\pm$ 2.072 χ^2 /NDF: 141.8/16

Left Out: -146.314 $\pm$ 2.329 χ^2 /NDF: 0.0/0

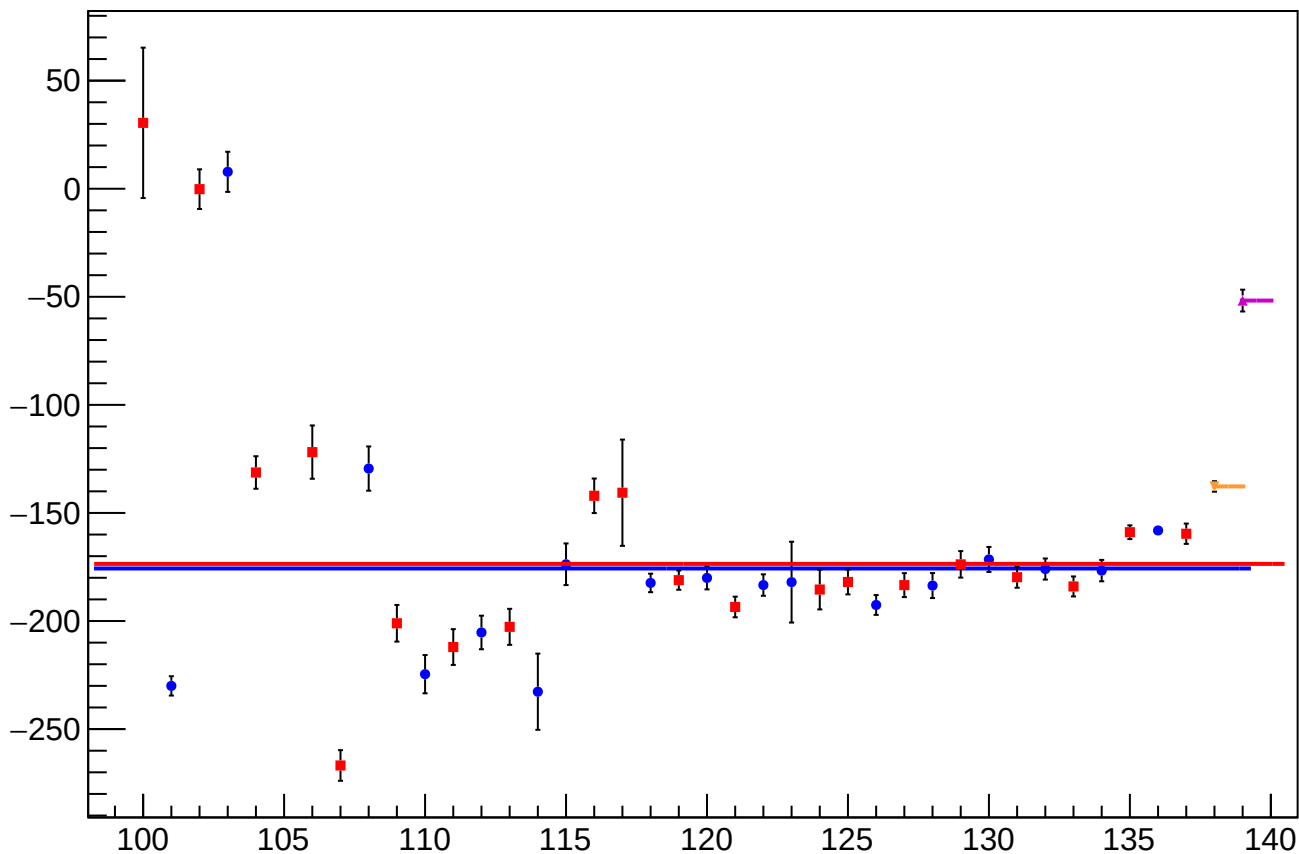
Right Out: -112.628 $\pm$ 2.202 χ^2 /NDF: 273.8/19

Left In: -175.003 $\pm$ 3.306 χ^2 /NDF: 0.0/0

-128.835 $\pm$ 1.548 χ^2 /NDF: 242.7/17

-131.795 $\pm$ 1.833 χ^2 /NDF: 520.4/20

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -137.730 ± 2.424 χ^2/NDF : 0.0/0

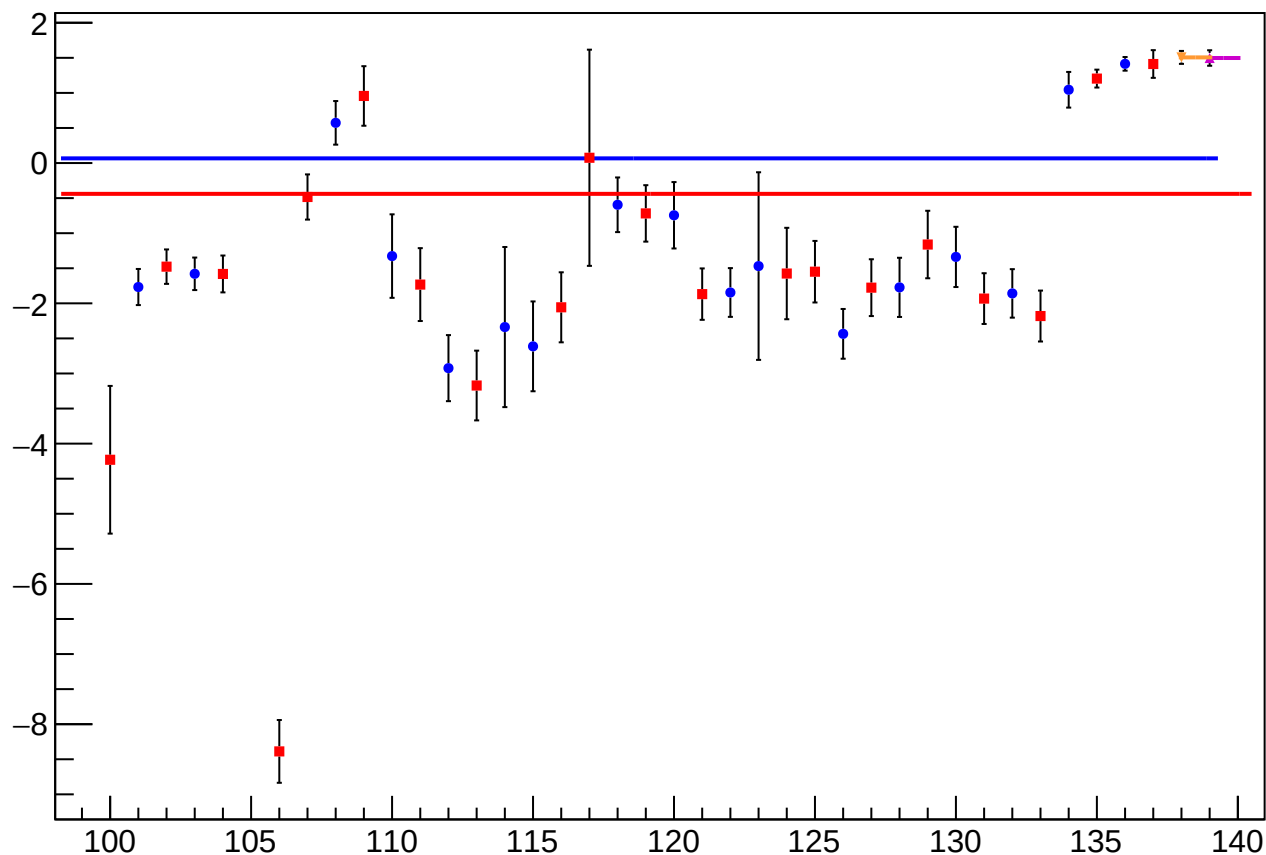
Right Out: -173.566 ± 1.354 χ^2/NDF : 739.5/19

Left In: -51.745 ± 5.047 χ^2/NDF : 0.0/0

-167.543 ± 1.123 χ^2/NDF : 885.6/17

-165.388 ± 1.308 χ^2/NDF : 1283.1/20

reg_asym_sam2_diff_bpm12X_slope vs Slug



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

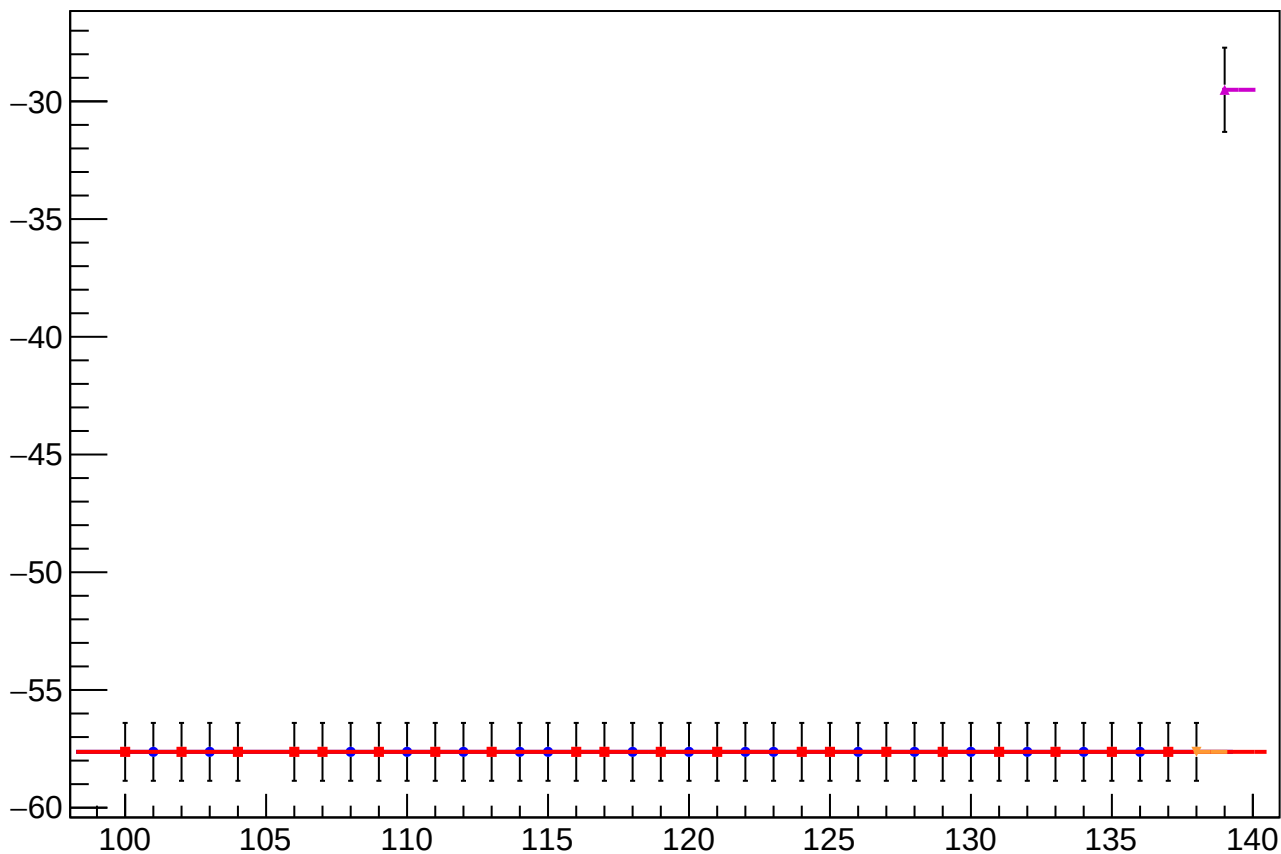
Right Out: -0.439 $\pm$ 0.071 χ^2 /NDF: 755.0/19

Left In: 1.498 $\pm$ 0.110 χ^2 /NDF: 0.0/0

0.563 $\pm$ 0.054 χ^2 /NDF: 685.3/17

0.127 $\pm$ 0.060 χ^2 /NDF: 972.5/20

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -57.628 $\pm$ 0.298 χ^2 /NDF: 0.0/16

Left Out: -57.628 $\pm$ 1.229 χ^2 /NDF: 0.0/0

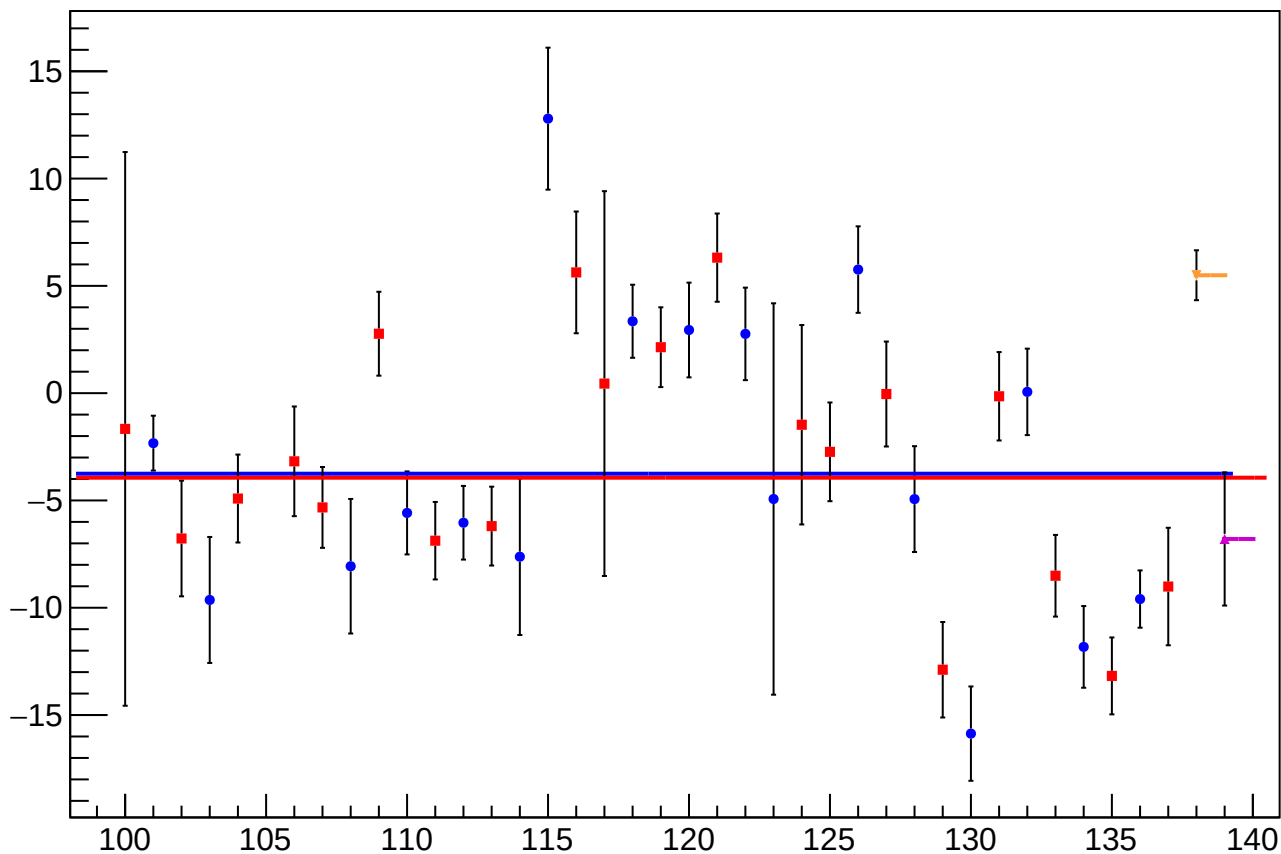
Right Out: -57.628 $\pm$ 0.275 χ^2 /NDF: 0.0/19

Left In: -29.509 $\pm$ 1.789 χ^2 /NDF: 0.0/0

-57.628 $\pm$ 0.290 χ^2 /NDF: 0.0/17

-56.980 $\pm$ 0.272 χ^2 /NDF: 241.4/20

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754+/-0.495 χ^2/NDF : 165.3/16

Left Out: 5.495+/-1.164 χ^2/NDF : 0.0/0

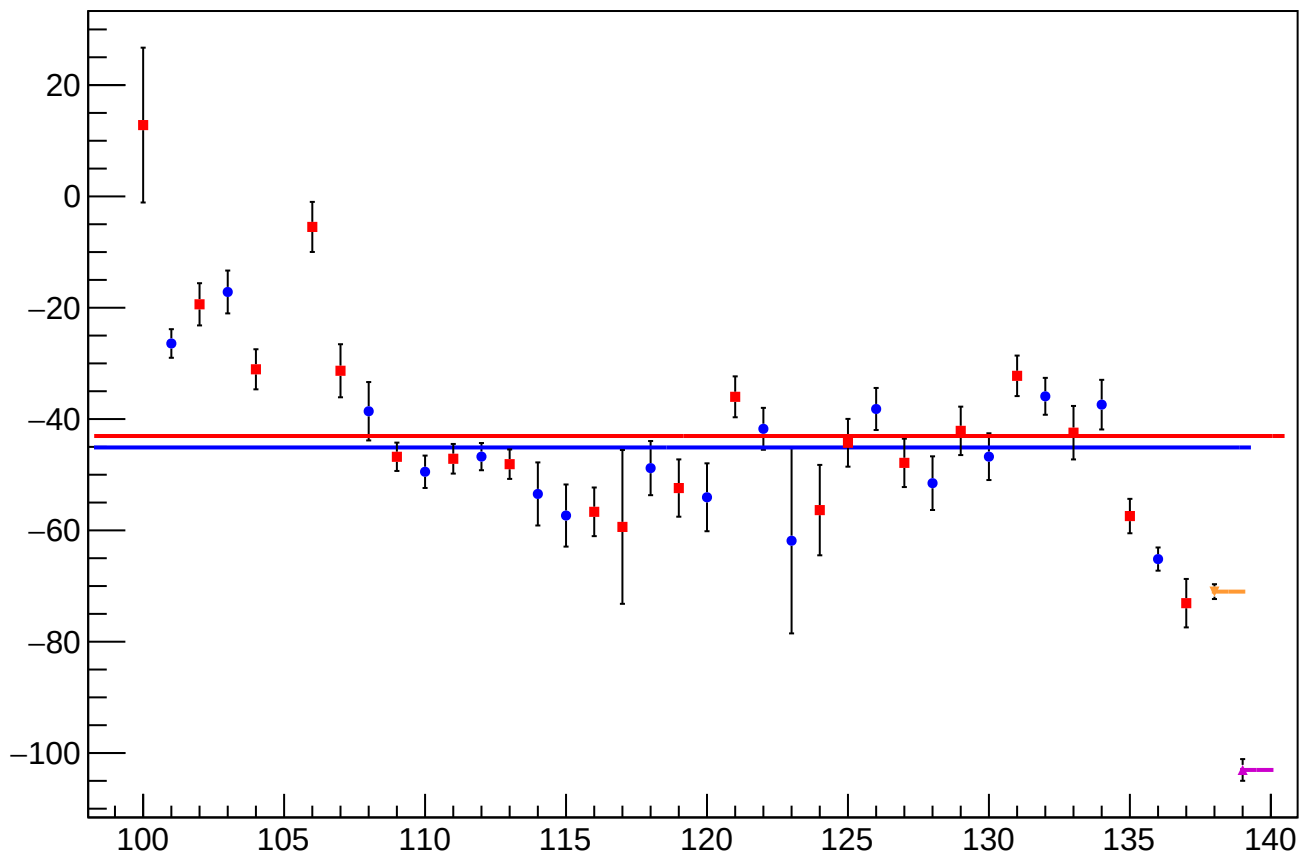
Right Out: -3.940+/-0.506 χ^2/NDF : 123.6/19

Left In: -6.795+/-3.103 χ^2/NDF : 0.0/0

-2.337+/-0.456 χ^2/NDF : 218.8/17

-4.014+/-0.499 χ^2/NDF : 124.4/20

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -71.002 ± 1.332 χ^2/NDF : 0.0/0

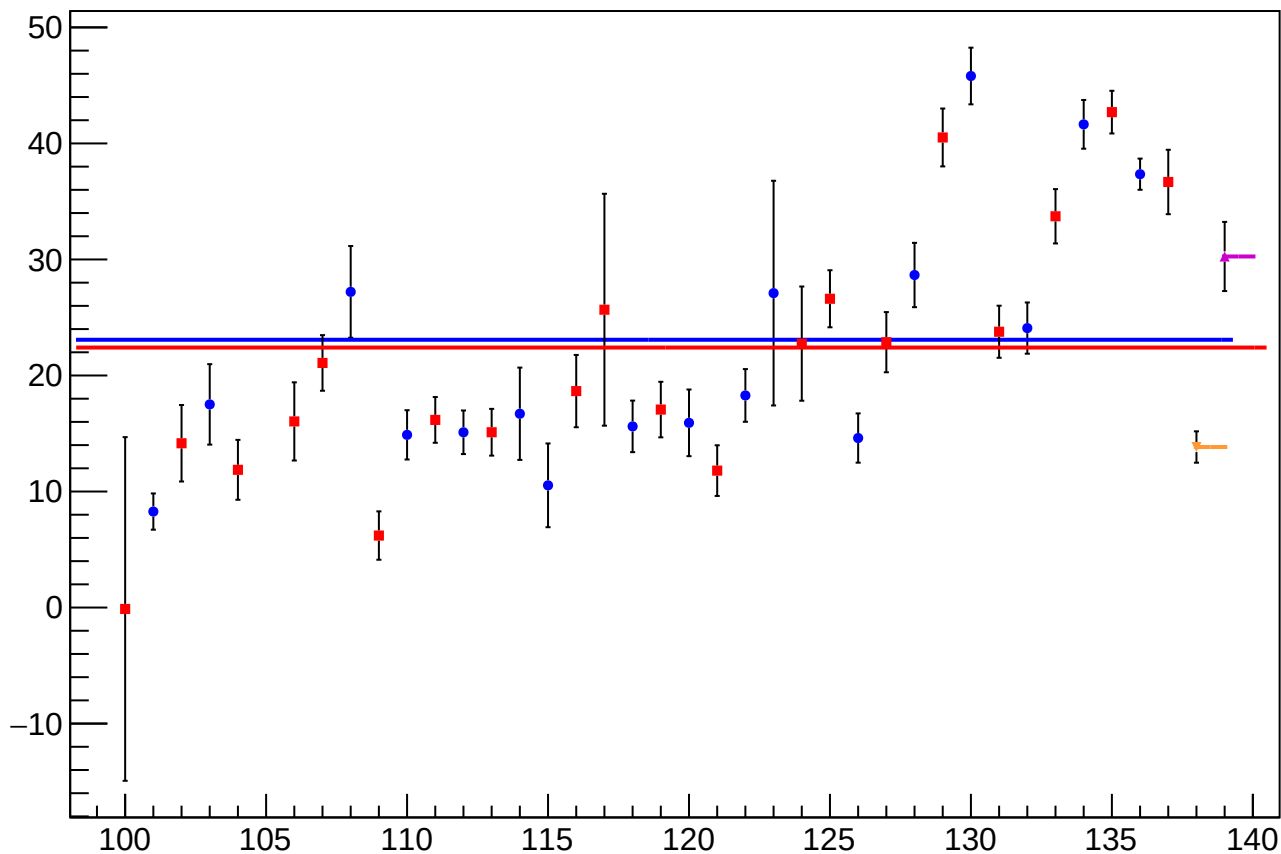
Right Out: -43.045 ± 0.876 χ^2/NDF : 250.3/19

Left In: -103.039 ± 1.950 χ^2/NDF : 0.0/0

-52.981 ± 0.735 χ^2/NDF : 492.9/17

-53.108 ± 0.799 χ^2/NDF : 1037.8/20

reg_asym_sam3_diff_bpm4eY_slope vs Slug



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

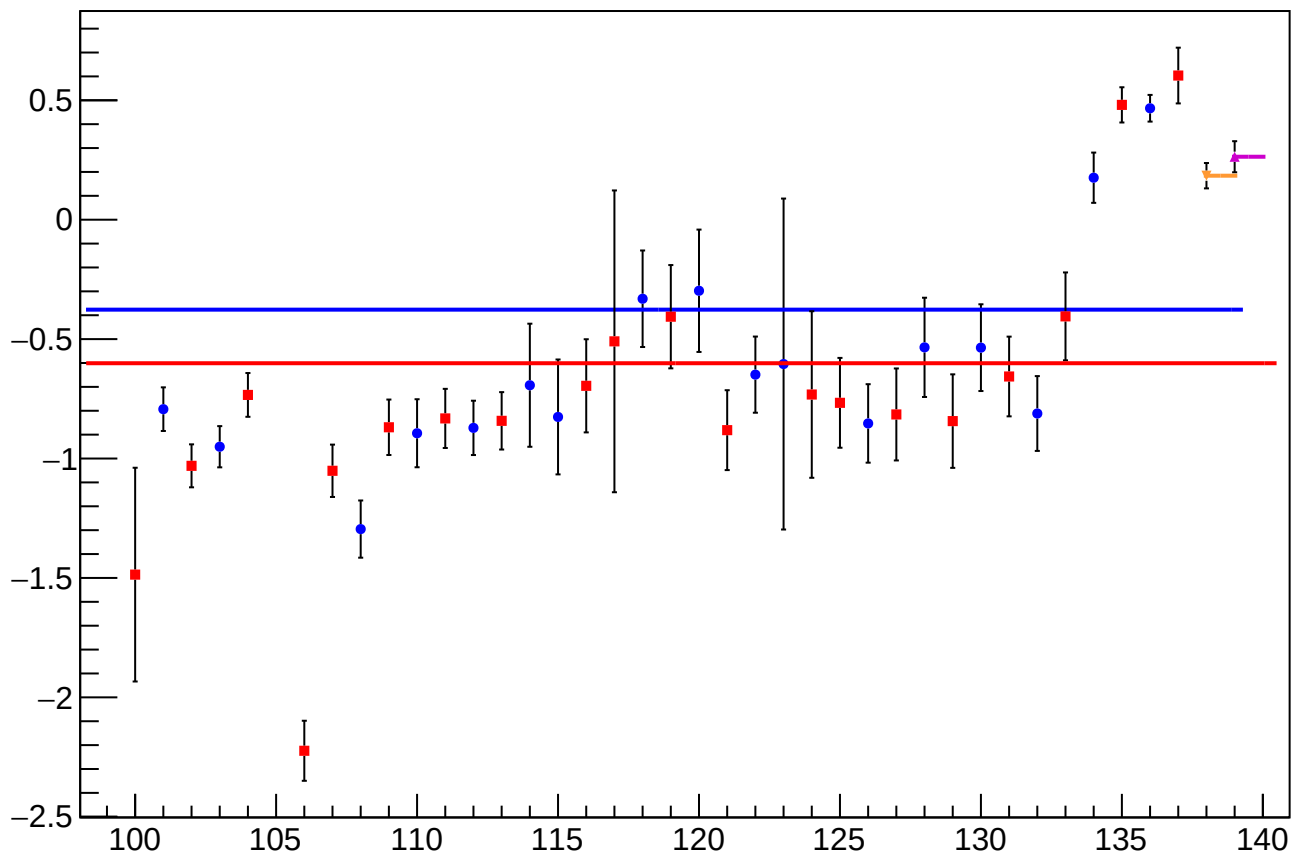
Right Out: 22.408 $\pm$ 0.571 χ^2/NDF : 370.4/19

Left In: 30.257 $\pm$ 2.981 χ^2/NDF : 0.0/0

21.742 $\pm$ 0.514 χ^2/NDF : 501.1/17

22.686 $\pm$ 0.561 χ^2/NDF : 377.1/20

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.184 ± 0.053 χ^2/NDF : 0.0/0

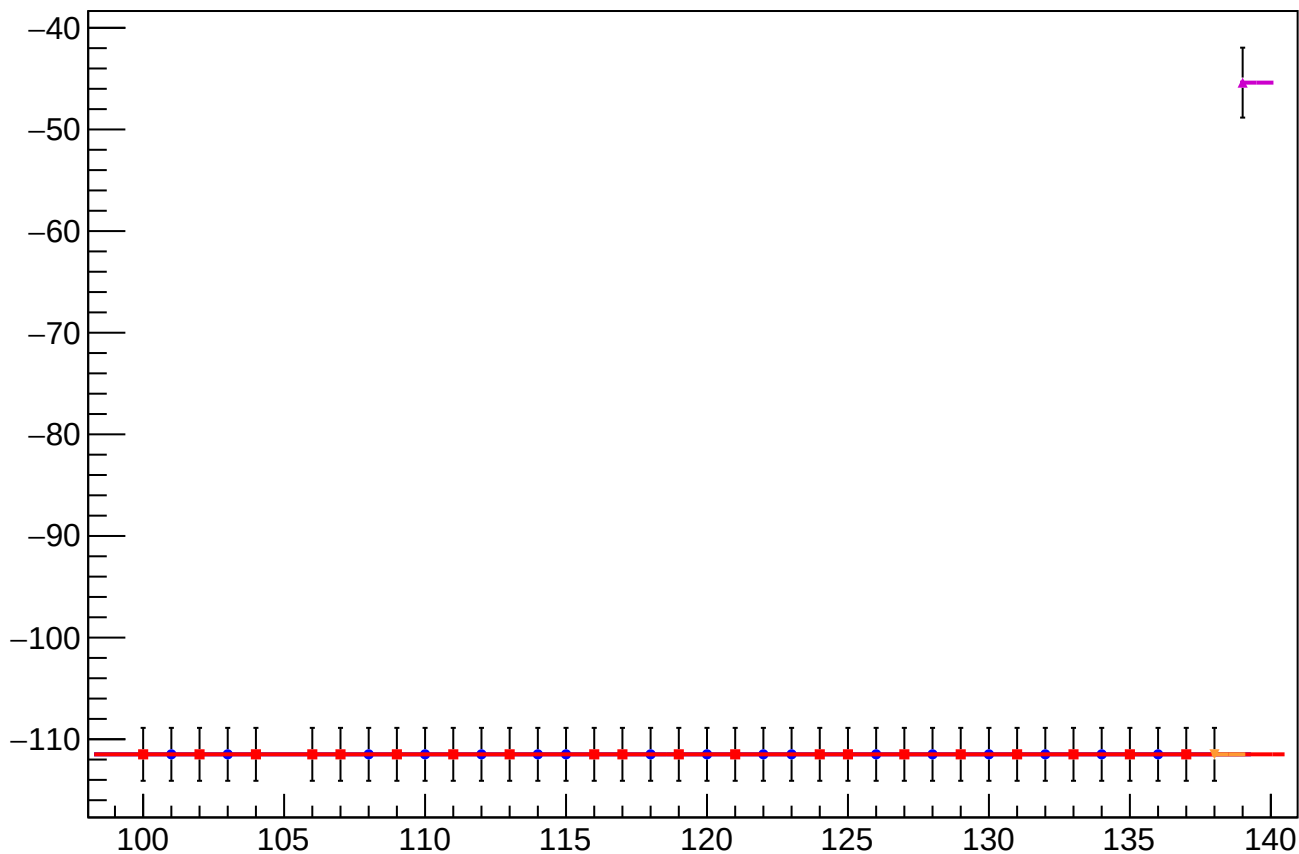
Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/19

Left In: 0.264 ± 0.065 χ^2/NDF : 0.0/0

-0.241 ± 0.026 χ^2/NDF : 521.6/17

-0.448 ± 0.027 χ^2/NDF : 700.9/20

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -111.486+/-0.632 χ^2/NDF : 0.0/16

Left Out: -111.486+/-2.604 χ^2/NDF : 0.0/0

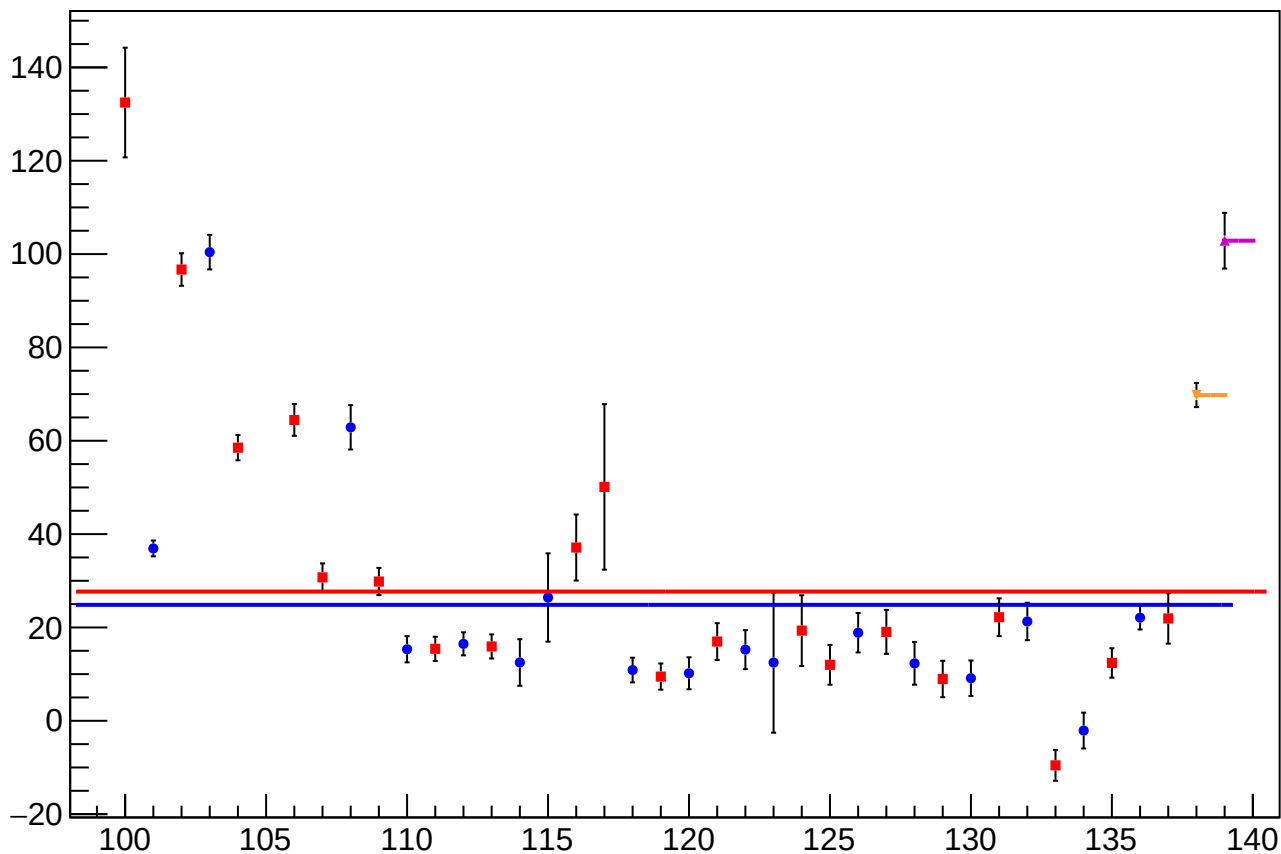
Right Out: -111.486+/-0.582 χ^2/NDF : 0.0/19

Left In: -45.393+/-3.440 χ^2/NDF : 0.0/0

-111.486+/-0.614 χ^2/NDF : 0.0/17

-109.645+/-0.574 χ^2/NDF : 358.8/20

reg_asym_sam4_diff_bpm4aY_slope vs Slug



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

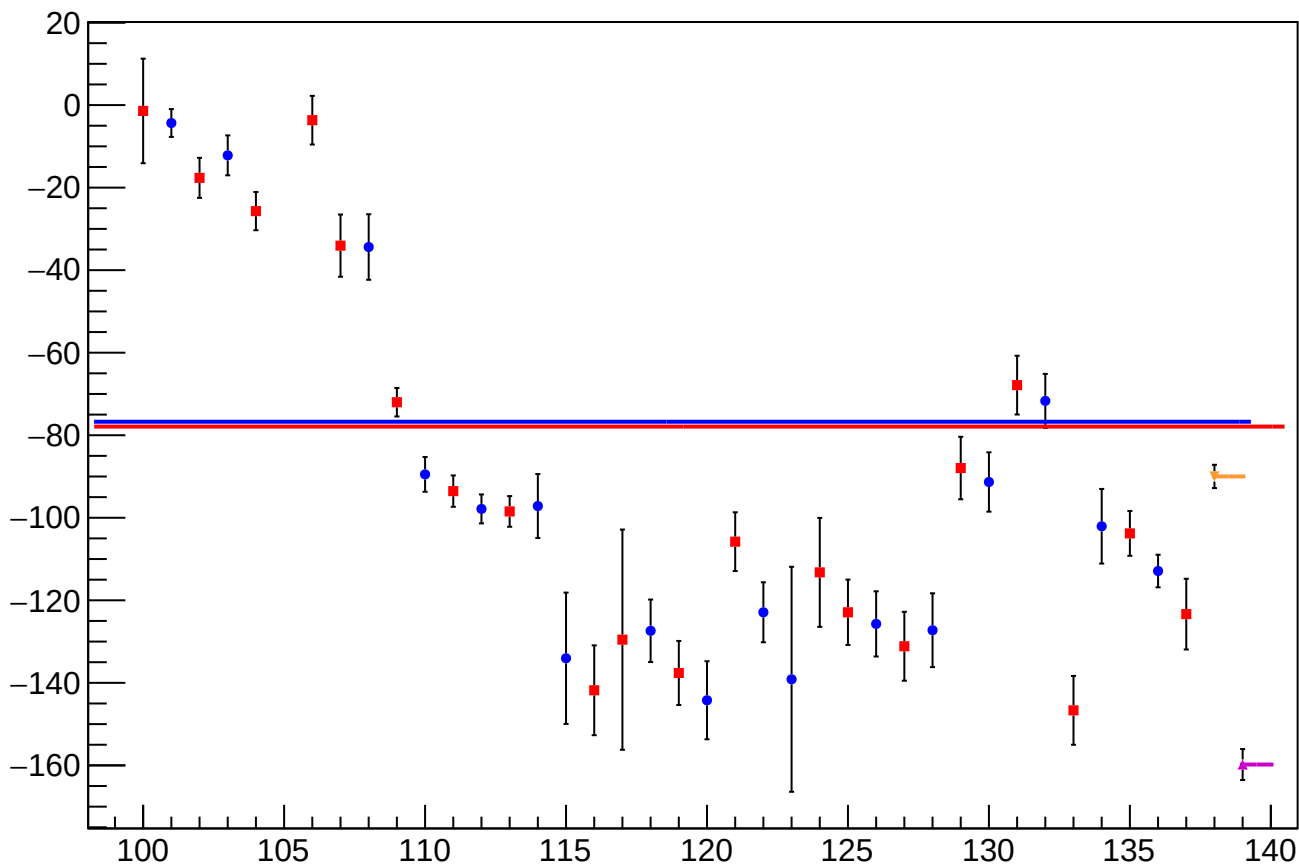
Right Out: 27.695 $\pm$ 0.810 χ^2 /NDF: 1010.8/19

Left In: 102.874 $\pm$ 5.969 χ^2 /NDF: 0.0/0

28.763 $\pm$ 0.765 χ^2 /NDF: 965.3/17

29.053 $\pm$ 0.802 χ^2 /NDF: 1166.5/20

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 $\pm$ 1.412 χ^2 /NDF: 1042.0/16

Left Out: -89.988 $\pm$ 2.823 χ^2 /NDF: 0.0/0

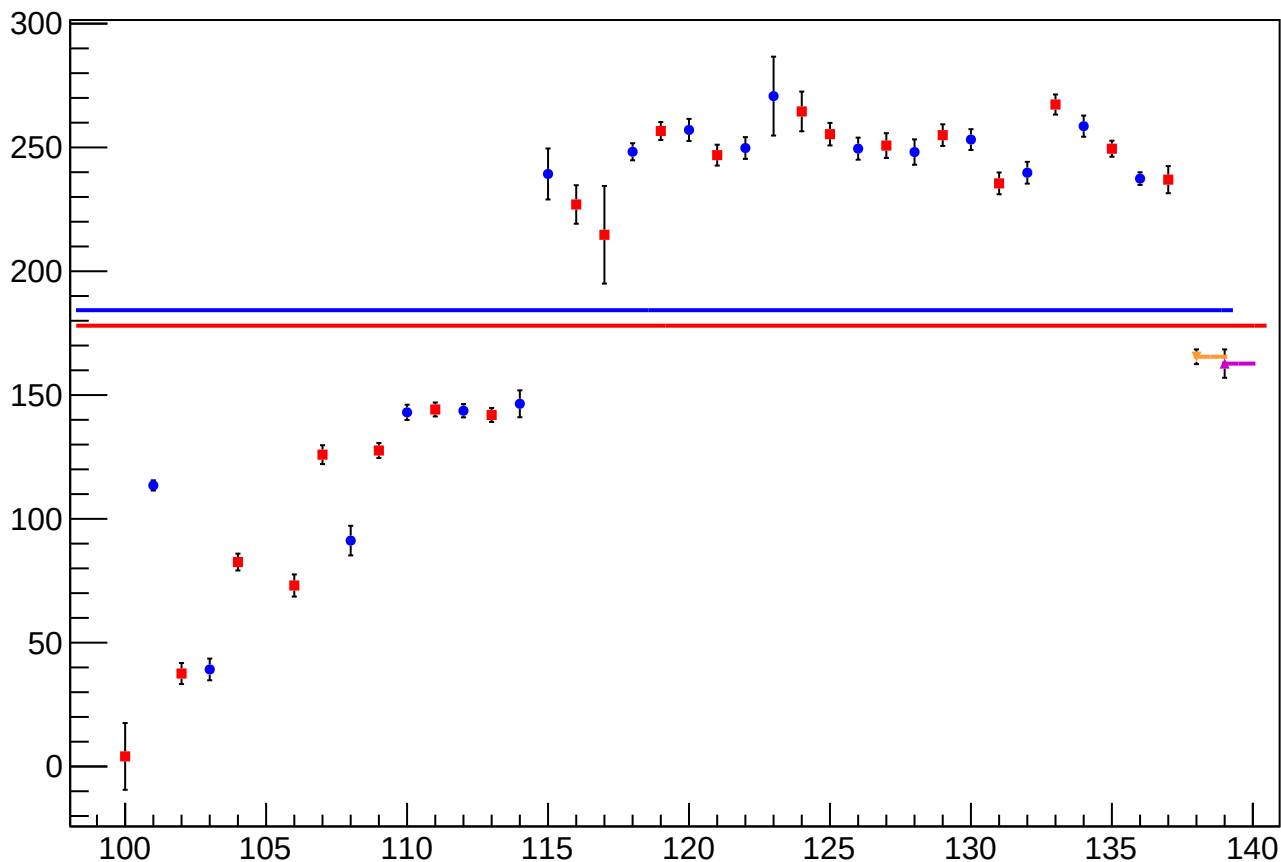
Right Out: -77.905 $\pm$ 1.351 χ^2 /NDF: 875.6/19

Left In: -159.795 $\pm$ 3.751 χ^2 /NDF: 0.0/0

-79.382 $\pm$ 1.263 χ^2 /NDF: 1059.7/17

-87.303 $\pm$ 1.271 χ^2 /NDF: 1297.5/20

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF : 5401.0/16

Left Out: 165.473+/-2.973 χ^2/NDF : 0.0/0

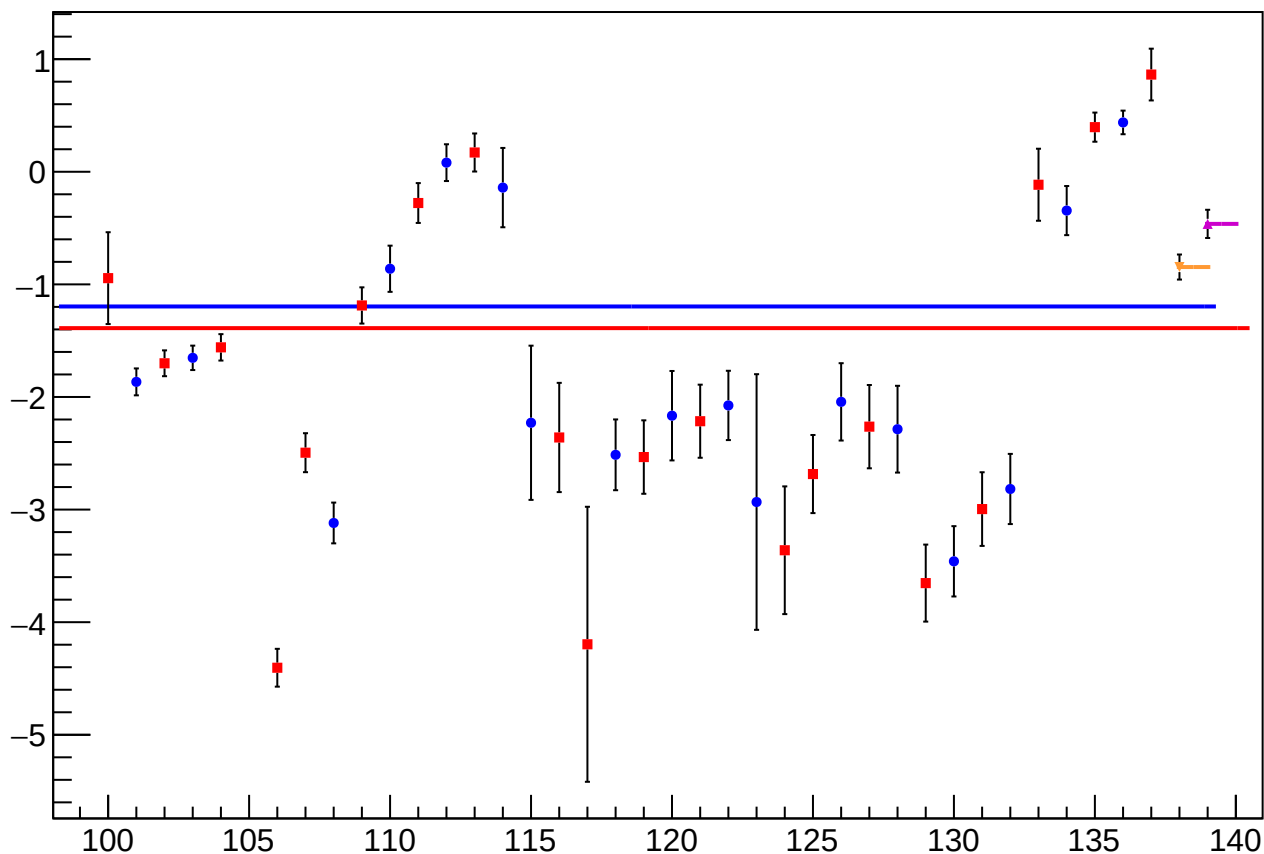
Right Out: 178.011+/-0.923 χ^2/NDF : 6334.4/19

Left In: 162.703+/-5.733 χ^2/NDF : 0.0/0

182.649+/-0.873 χ^2/NDF : 5437.5/17

177.624+/-0.911 χ^2/NDF : 6341.4/20

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.846 ± 0.111 χ^2/NDF : 0.0/0

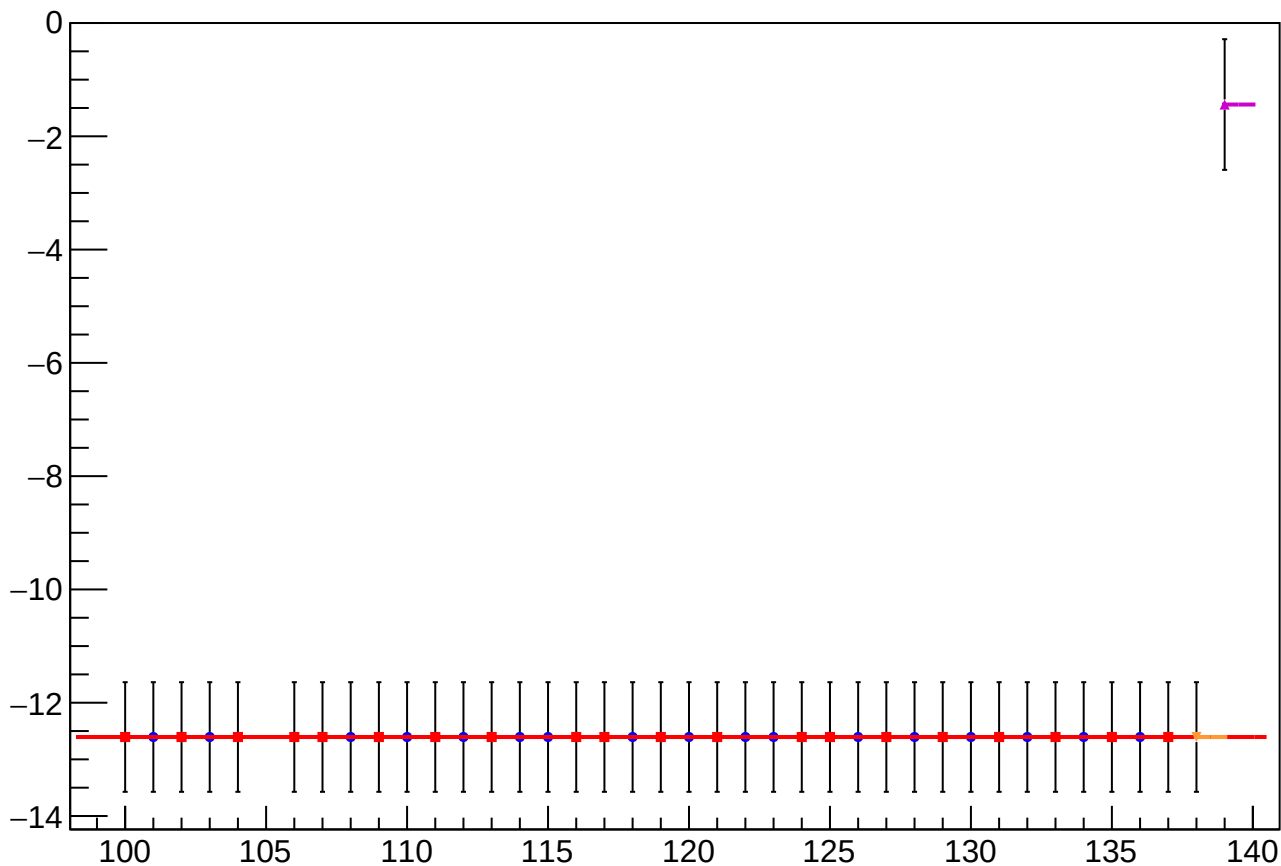
Right Out: -1.389 ± 0.046 χ^2/NDF : 929.7/19

Left In: -0.463 ± 0.125 χ^2/NDF : 0.0/0

-1.141 ± 0.044 χ^2/NDF : 631.4/17

-1.280 ± 0.043 χ^2/NDF : 977.9/20

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -12.605 $\pm$ 0.235 χ^2 /NDF: 0.0/16

Left Out: -12.605 $\pm$ 0.968 χ^2 /NDF: 0.0/0

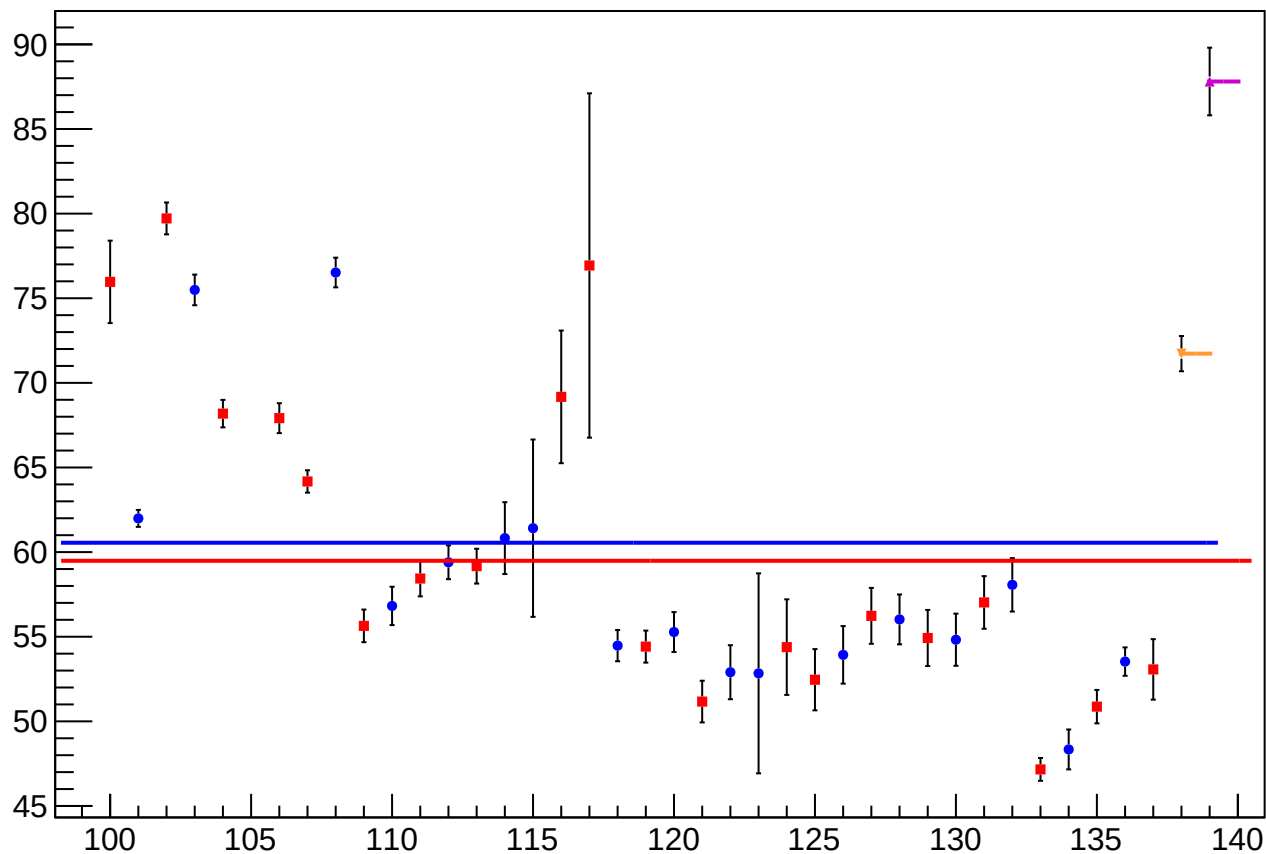
Right Out: -12.605 $\pm$ 0.216 χ^2 /NDF: 0.0/19

Left In: -1.439 $\pm$ 1.153 χ^2 /NDF: 0.0/0

-12.605 $\pm$ 0.228 χ^2 /NDF: 0.0/17

-12.226 $\pm$ 0.213 χ^2 /NDF: 90.5/20

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554+/-0.262 χ^2/NDF : 930.8/16

Left Out: 71.727+/-1.041 χ^2/NDF : 0.0/0

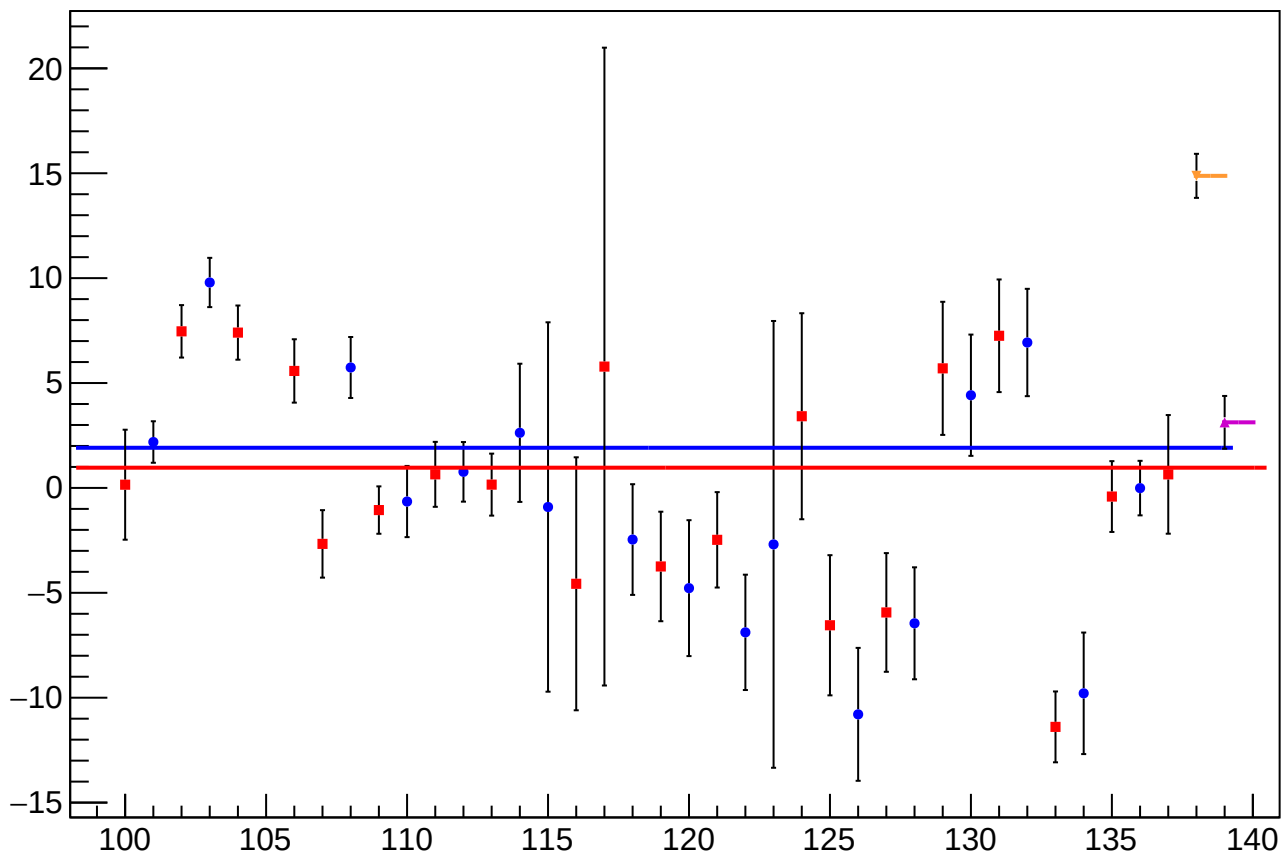
Right Out: 59.488+/-0.248 χ^2/NDF : 1319.9/19

Left In: 87.807+/-1.999 χ^2/NDF : 0.0/0

61.217+/-0.254 χ^2/NDF : 1039.0/17

59.916+/-0.246 χ^2/NDF : 1517.7/20

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 14.876 ± 1.050 χ^2/NDF : 0.0/0

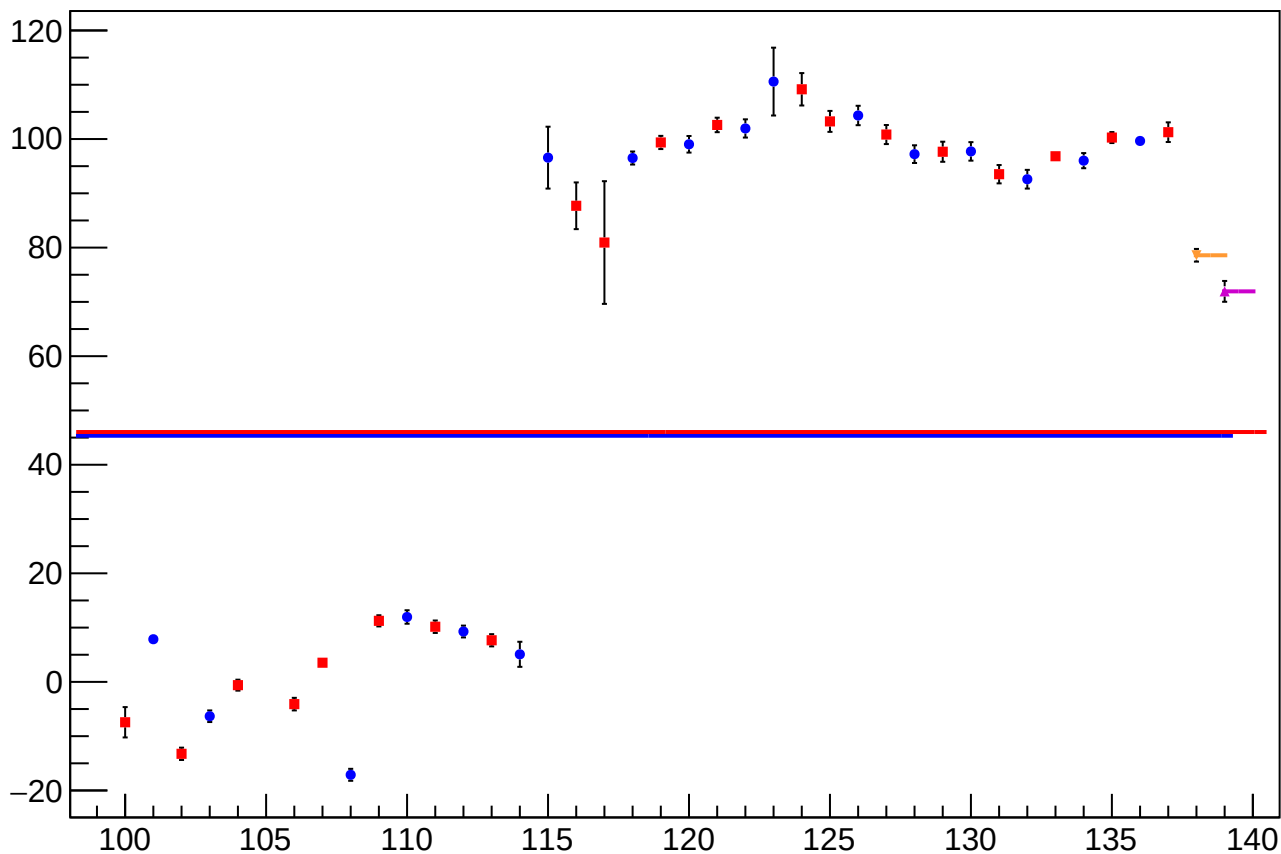
Right Out: 0.964 ± 0.424 χ^2/NDF : 149.6/19

Left In: 3.126 ± 1.258 χ^2/NDF : 0.0/0

3.985 ± 0.420 χ^2/NDF : 249.7/17

1.185 ± 0.402 χ^2/NDF : 152.2/20

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 78.587 $\pm$ 1.169 χ^2 /NDF:0.0/0

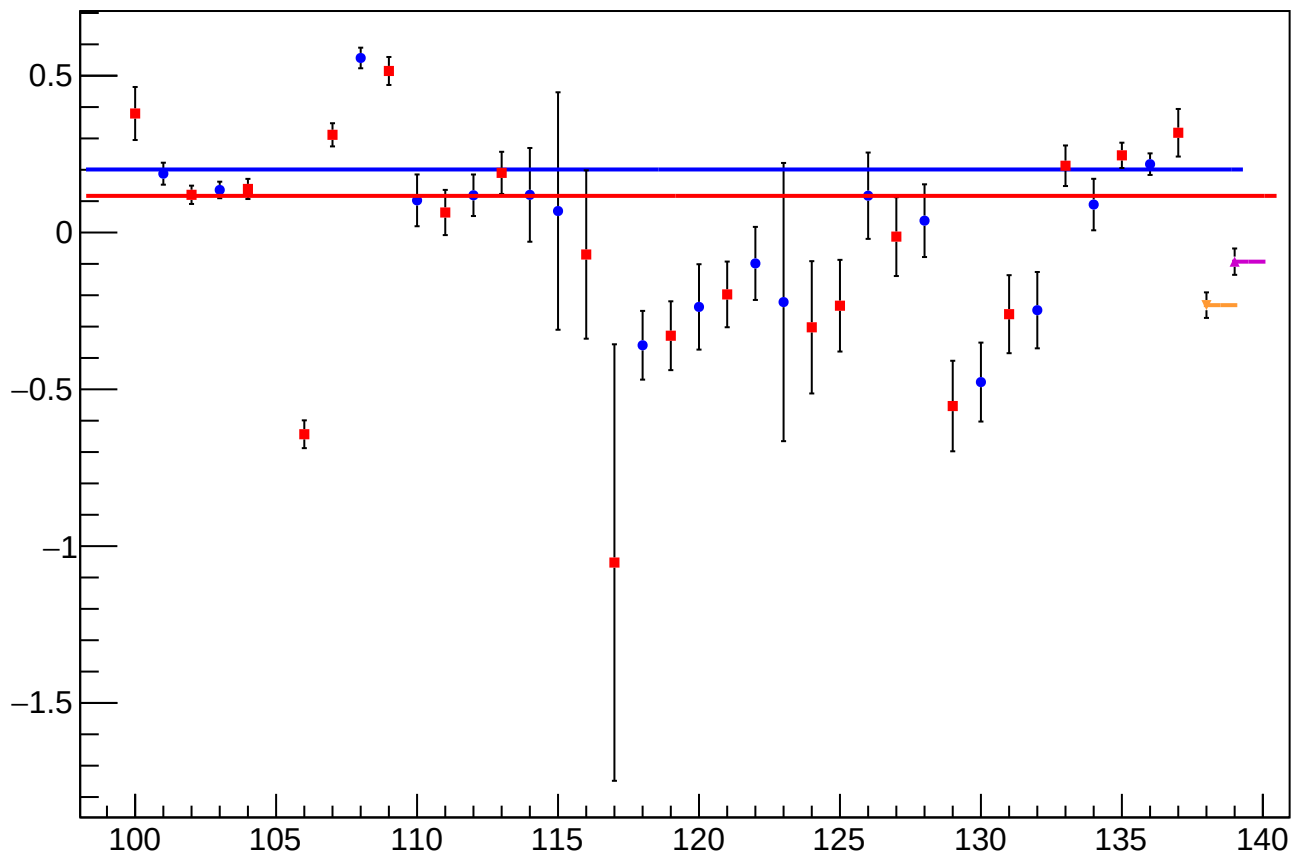
Right Out: 46.030 $\pm$ 0.289 χ^2 /NDF: 28229.5/19

Left In: 71.939 $\pm$ 1.920 χ^2 /NDF:0.0/0

47.440 $\pm$ 0.294 χ^2 /NDF: 25829.1/17

46.605 $\pm$ 0.286 χ^2 /NDF: 28407.6/20

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.014 χ^2 /NDF: 217.8/16

Left Out: -0.232 $\pm$ 0.041 χ^2 /NDF: 0.0/0

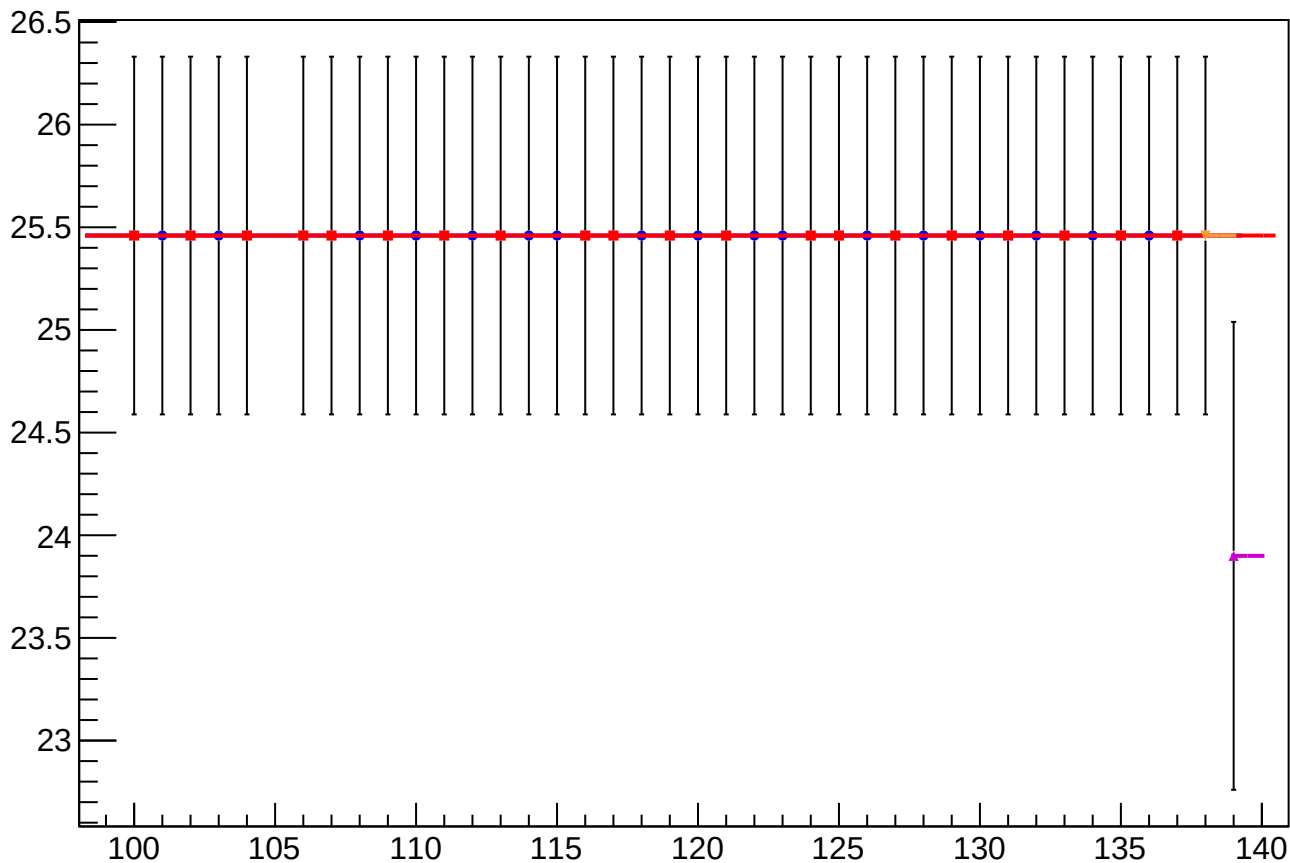
Right Out: 0.117 $\pm$ 0.013 χ^2 /NDF: 503.0/19

Left In: -0.093 $\pm$ 0.042 χ^2 /NDF: 0.0/0

0.155 $\pm$ 0.013 χ^2 /NDF: 318.7/17

0.098 $\pm$ 0.012 χ^2 /NDF: 525.7/20

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

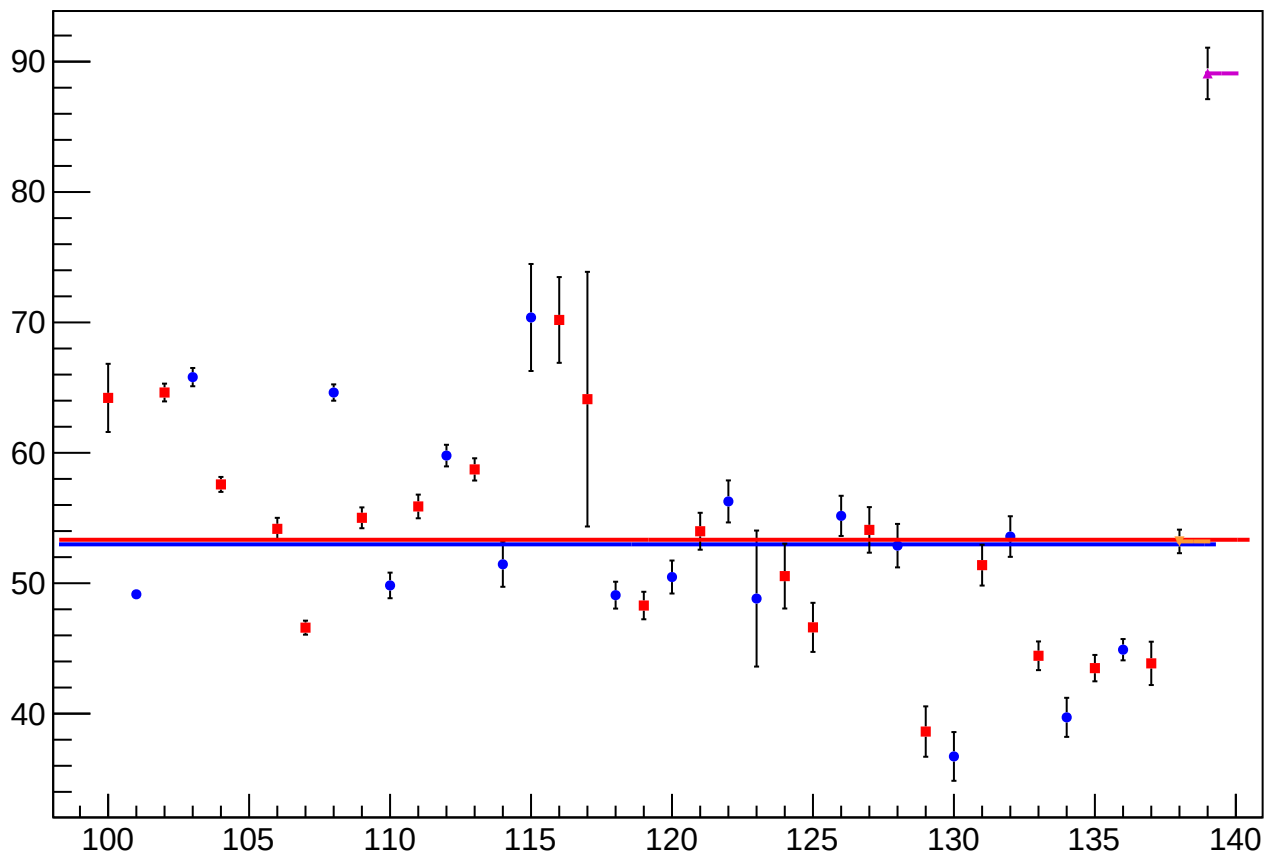
Right Out: 25.460 $\pm$ 0.195 χ^2 /NDF: 0.0/19

Left In: 23.900 $\pm$ 1.139 χ^2 /NDF: 0.0/0

25.460 $\pm$ 0.205 χ^2 /NDF: 0.0/17

25.415 $\pm$ 0.192 χ^2 /NDF: 1.8/20

reg_asym_sam6_diff_bpm4aY_slope vs Slug



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

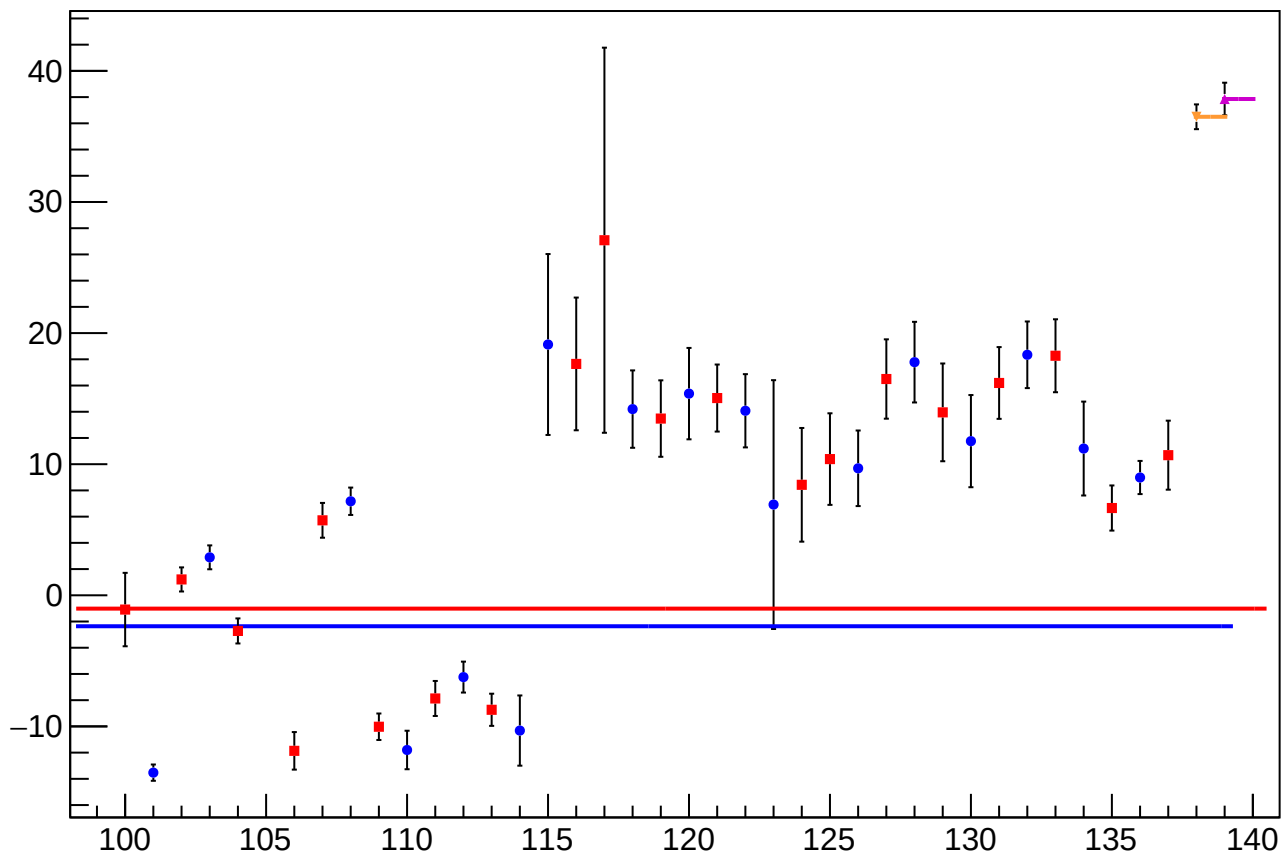
Right Out: 53.333 $\pm$ 0.227 χ^2 /NDF: 873.9/19

Left In: 89.096 $\pm$ 1.974 χ^2 /NDF: 0.0/0

52.993 $\pm$ 0.205 χ^2 /NDF: 1197.8/17

53.799 $\pm$ 0.225 χ^2 /NDF: 1197.9/20

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 36.499 ± 0.945 χ^2/NDF : 0.0/0

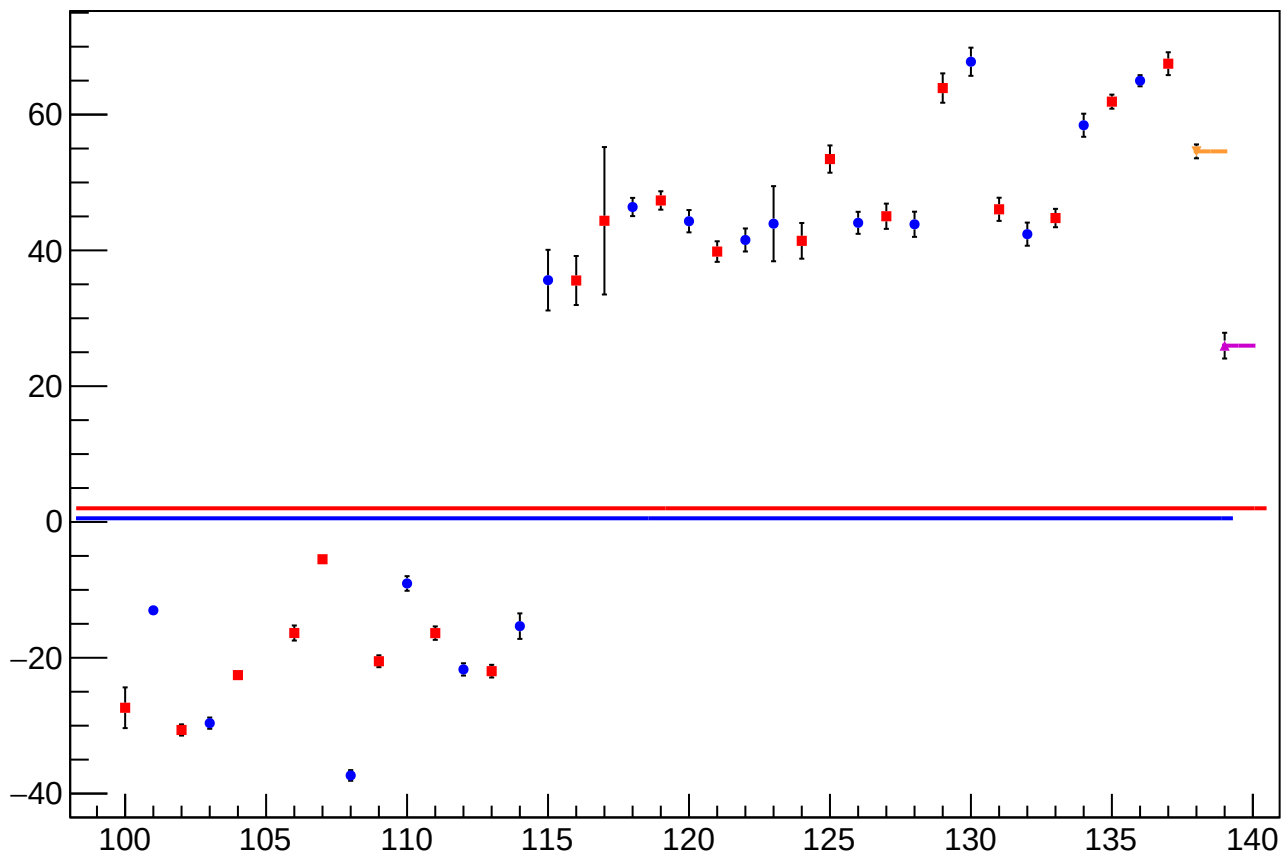
Right Out: -1.016 ± 0.377 χ^2/NDF : 511.4/19

Left In: 37.856 ± 1.243 χ^2/NDF : 0.0/0

2.656 ± 0.340 χ^2/NDF : 2313.8/17

2.257 ± 0.361 χ^2/NDF : 1407.6/20

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 54.582 ± 1.024 χ^2/NDF : 0.0/0

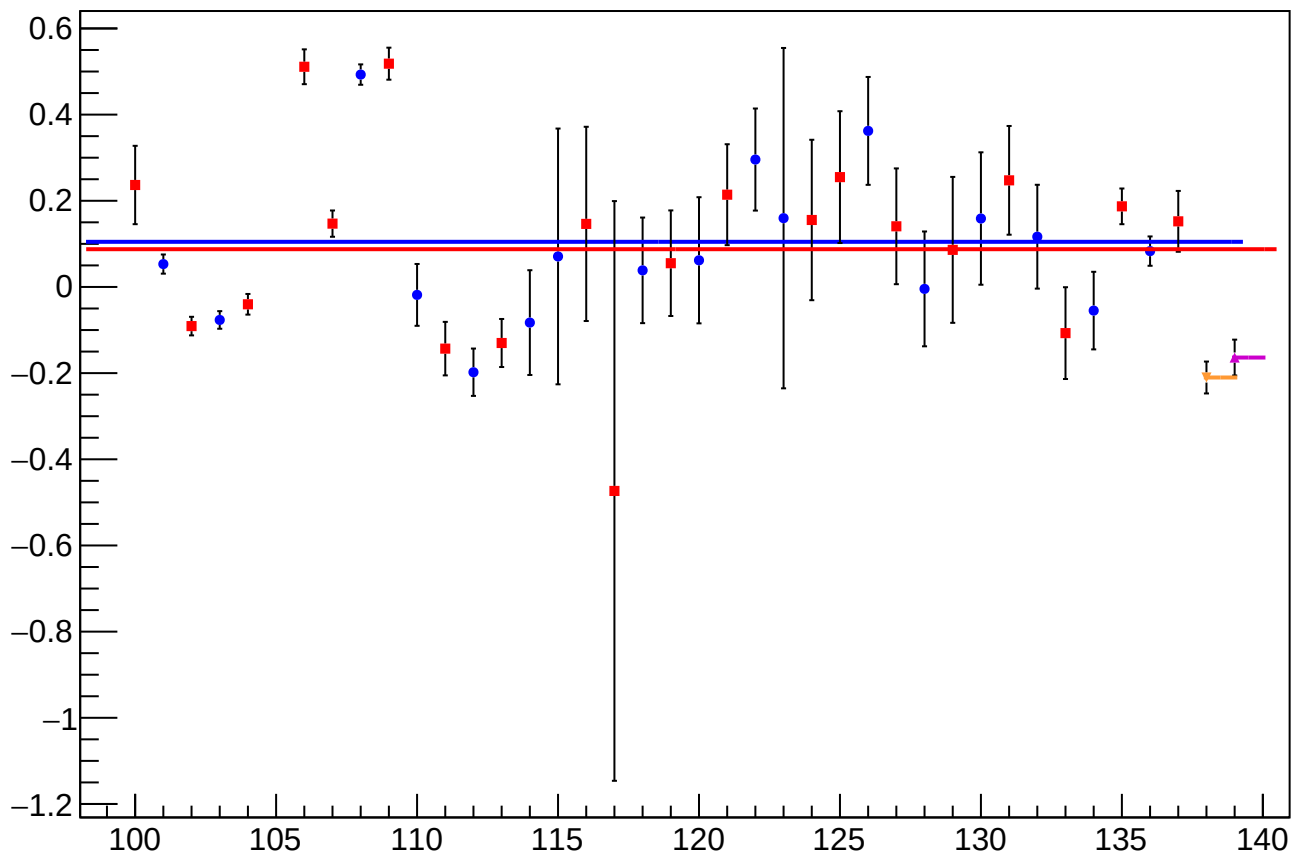
Right Out: 2.015 ± 0.266 χ^2/NDF : 15491.9/19

Left In: 25.969 ± 1.896 χ^2/NDF : 0.0/0

3.507 ± 0.240 χ^2/NDF : 21056.7/17

2.479 ± 0.264 χ^2/NDF : 15648.5/20

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.210 ± 0.037 χ^2/NDF : 0.0/0

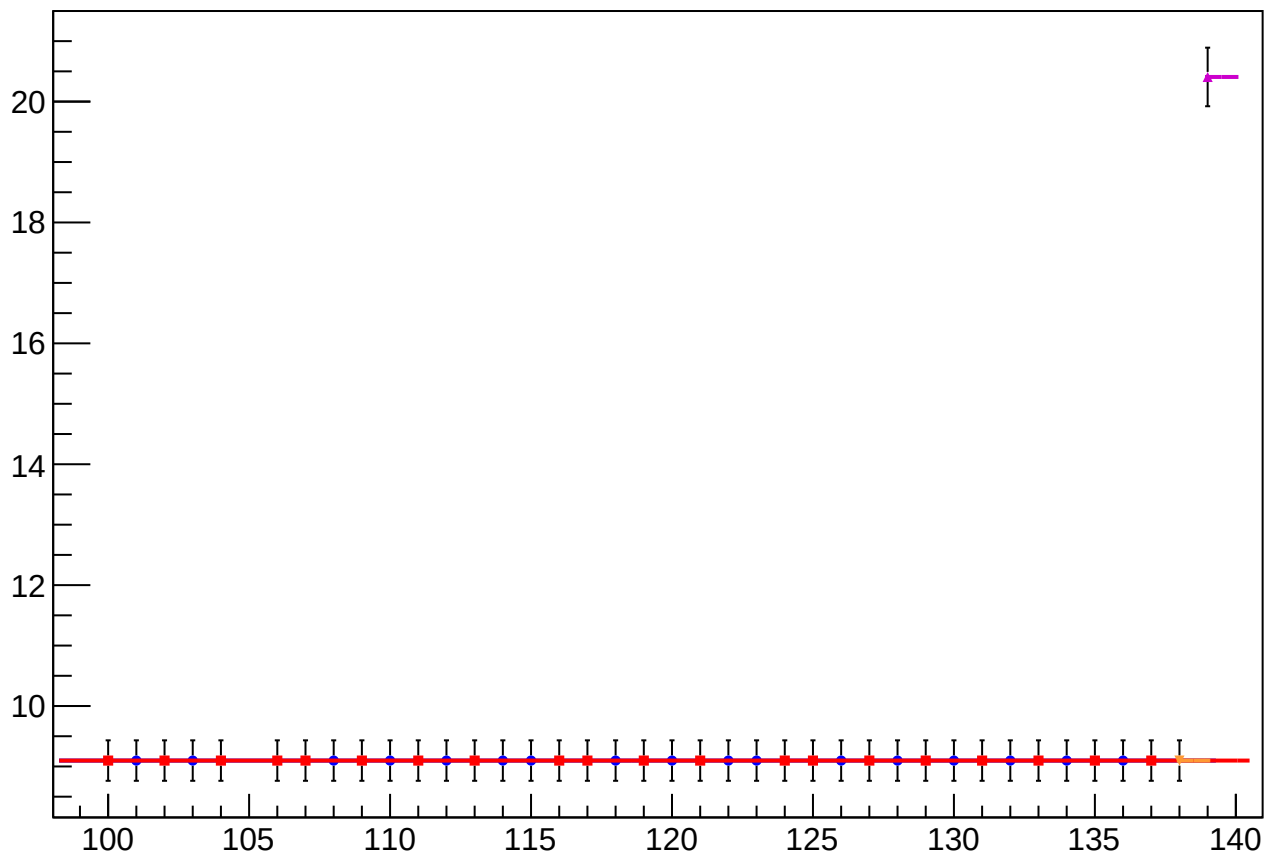
Right Out: 0.088 ± 0.011 χ^2/NDF : 391.7/19

Left In: -0.164 ± 0.042 χ^2/NDF : 0.0/0

0.079 ± 0.011 χ^2/NDF : 467.2/17

0.071 ± 0.011 χ^2/NDF : 425.8/20

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

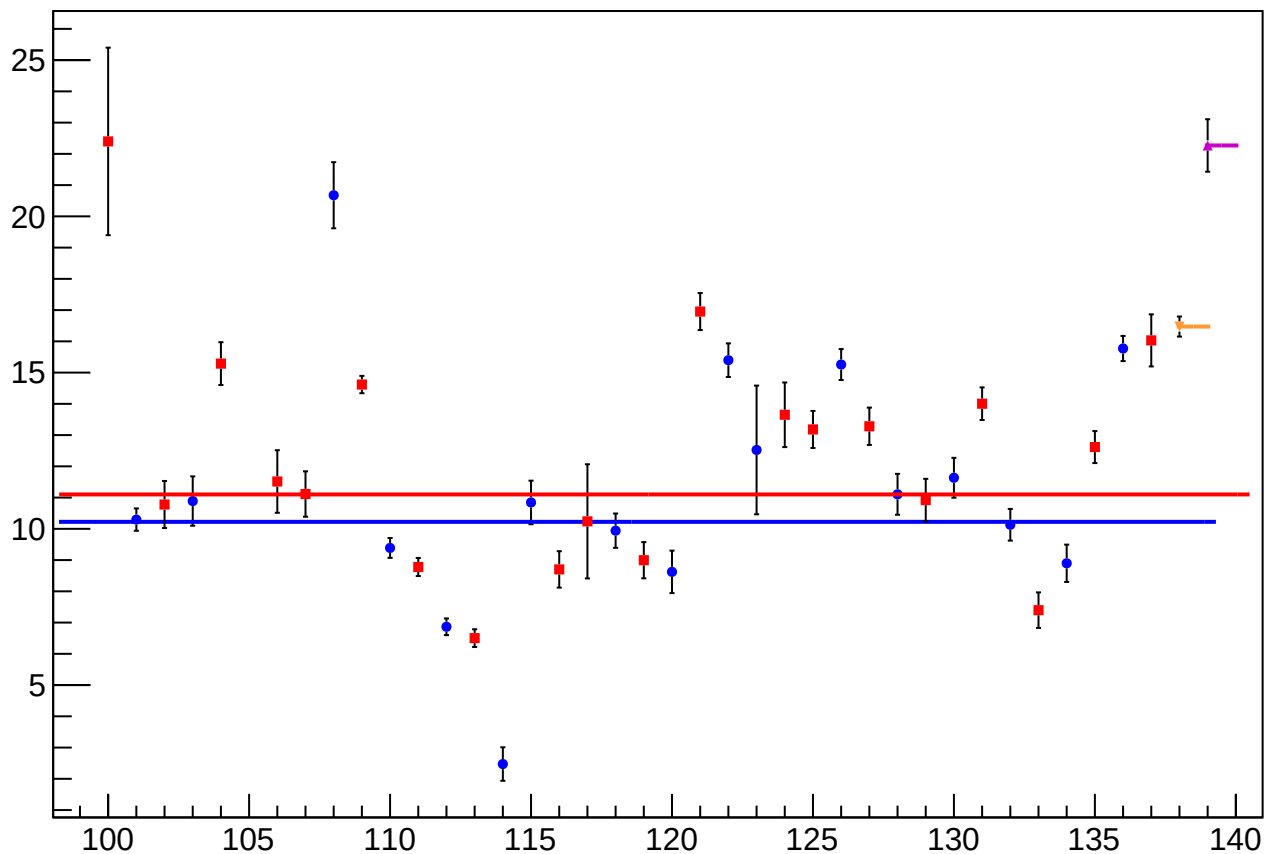
Right Out: 9.097 $\pm$ 0.075 χ^2 /NDF: 0.0/19

Left In: 20.407 $\pm$ 0.485 χ^2 /NDF: 0.0/0

9.097 $\pm$ 0.079 χ^2 /NDF: 0.0/17

9.361 $\pm$ 0.074 χ^2 /NDF: 532.1/20

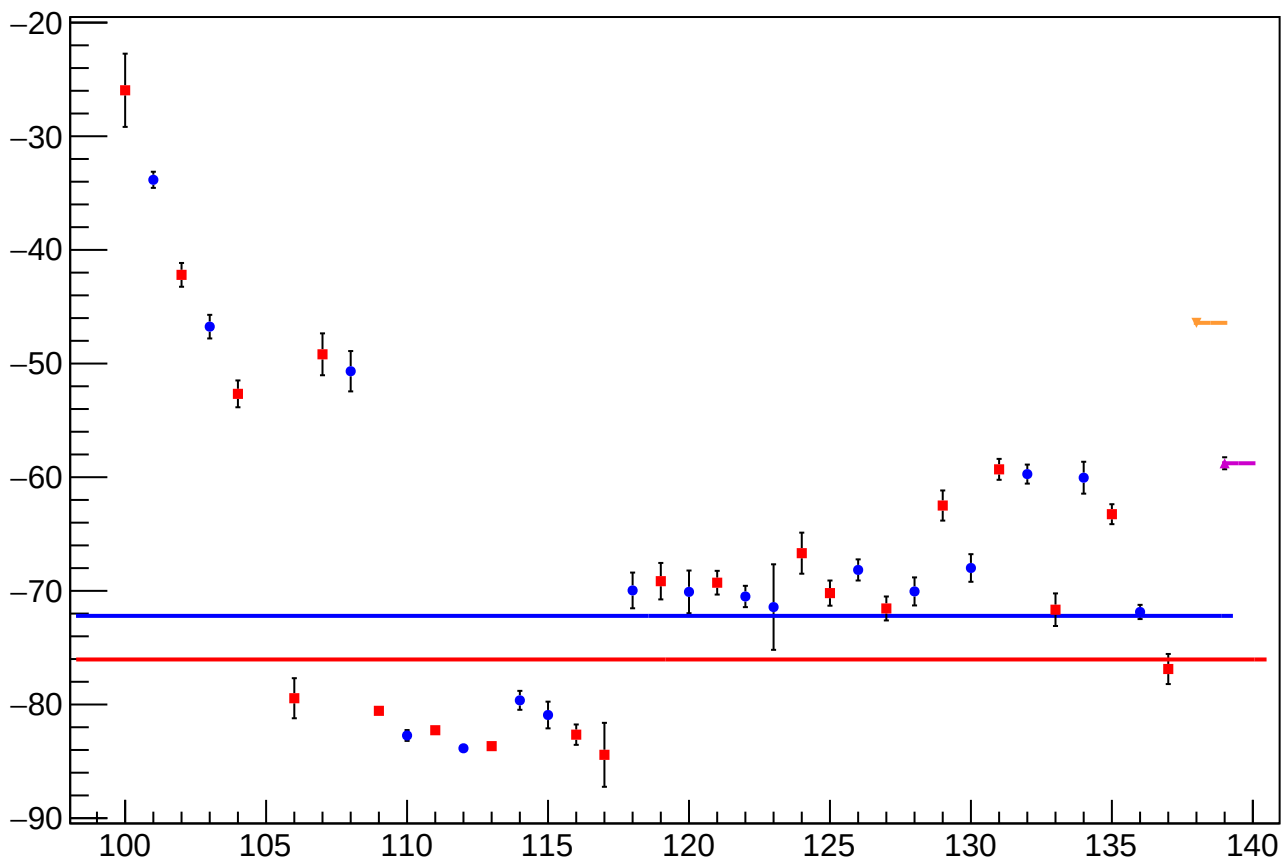
reg_asym_sam7_diff_bpm4aY_slope vs Slug



10.976 $\pm$ 0.112 χ^2 /NDF: 1209.9/17

11.310 $\pm$ 0.115 χ^2 /NDF: 990.8/20

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 +/- 0.198 χ^2/NDF : 5566.9/16

Left Out: -46.418 +/- 0.363 χ^2/NDF : 0.0/0

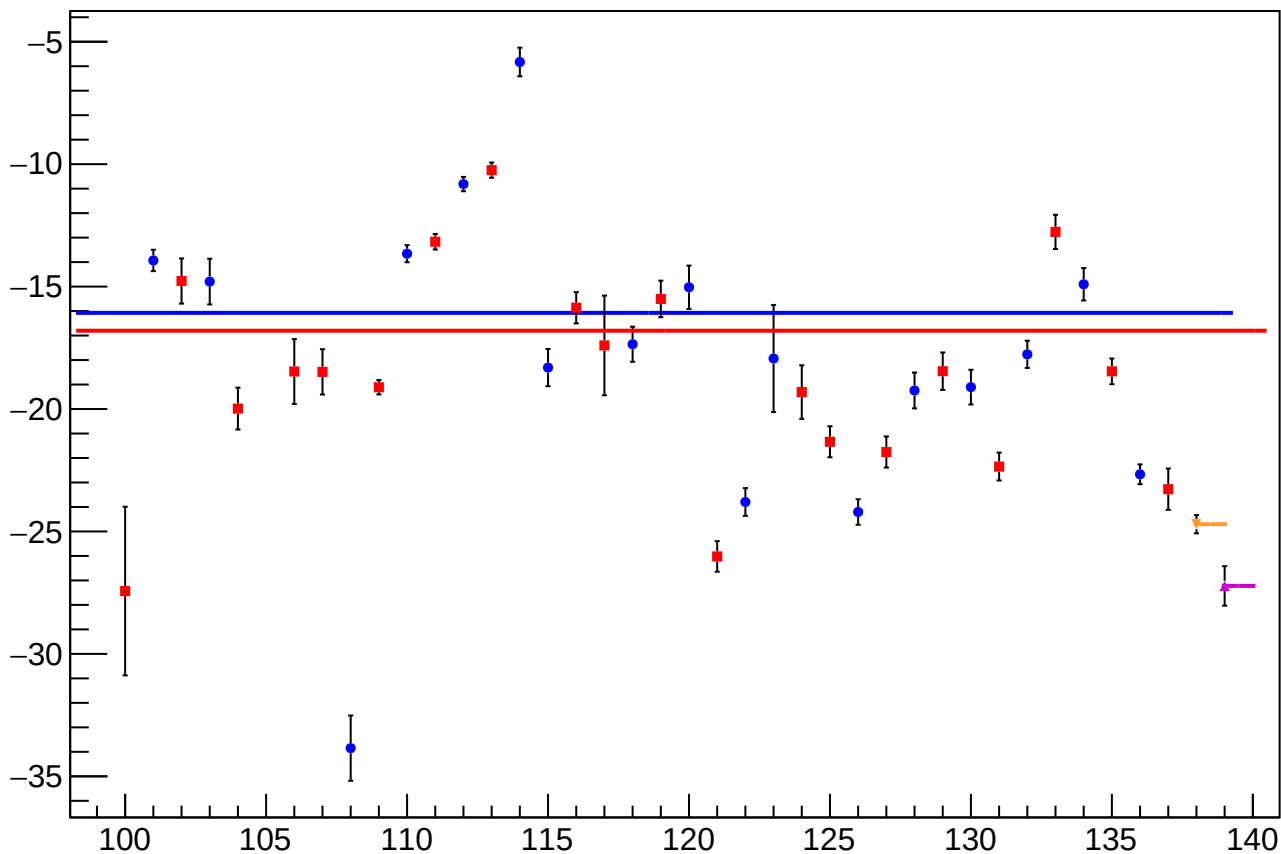
Right Out: -76.037 +/- 0.181 χ^2/NDF : 3474.4/19

Left In: -58.773 +/- 0.528 χ^2/NDF : 0.0/0

-66.297 +/- 0.174 χ^2/NDF : 9461.7/17

-74.232 +/- 0.171 χ^2/NDF : 4430.2/20

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -24.704 ± 0.372 $\chi^2/\text{NDF}: 0.0/0$

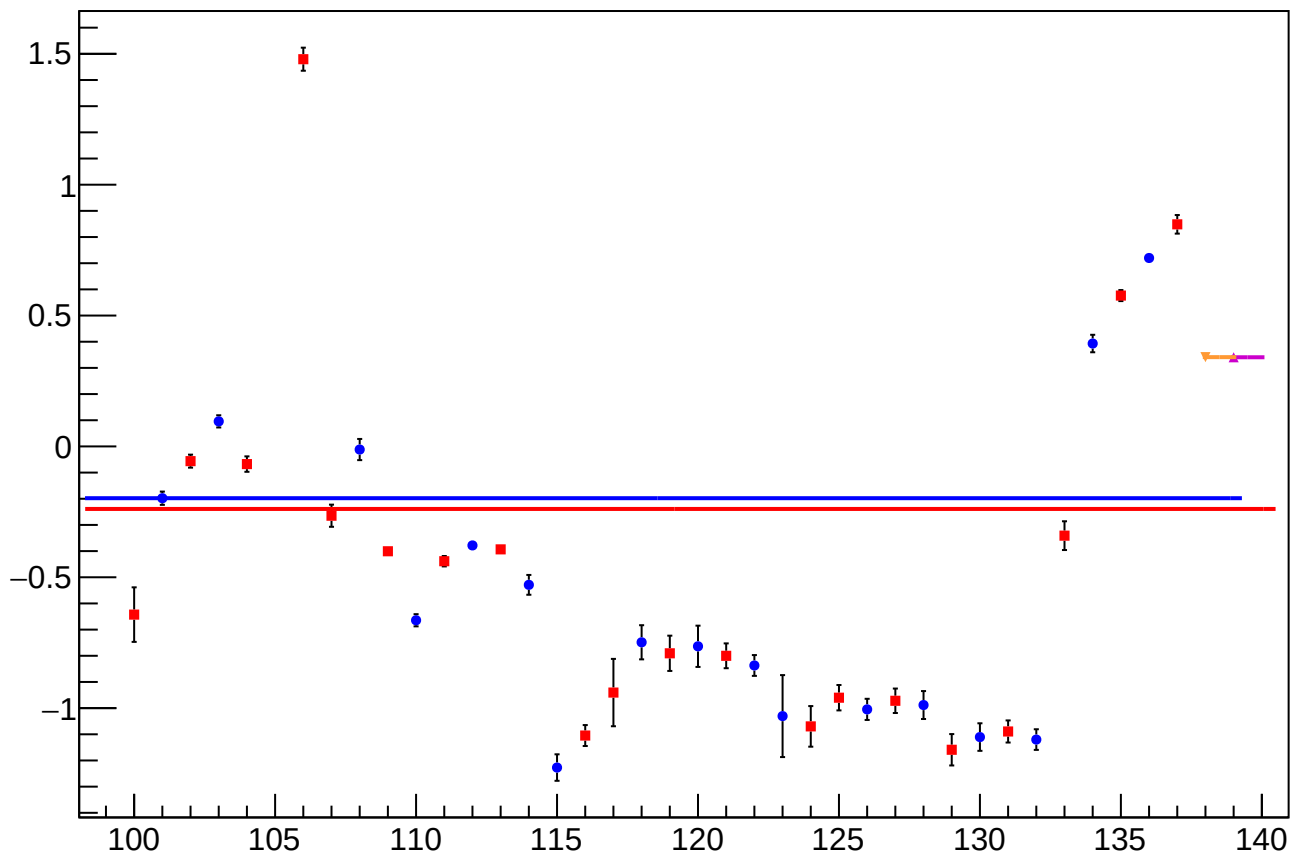
Right Out: -16.801 ± 0.128 $\chi^2/\text{NDF}: 1215.8/19$

Left In: -27.224 ± 0.807 $\chi^2/\text{NDF}: 0.0/0$

-17.038 ± 0.125 $\chi^2/\text{NDF}: 2118.7/17$

-17.057 ± 0.126 $\chi^2/\text{NDF}: 1378.6/20$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.341 ± 0.014 χ^2/NDF : 0.0/0

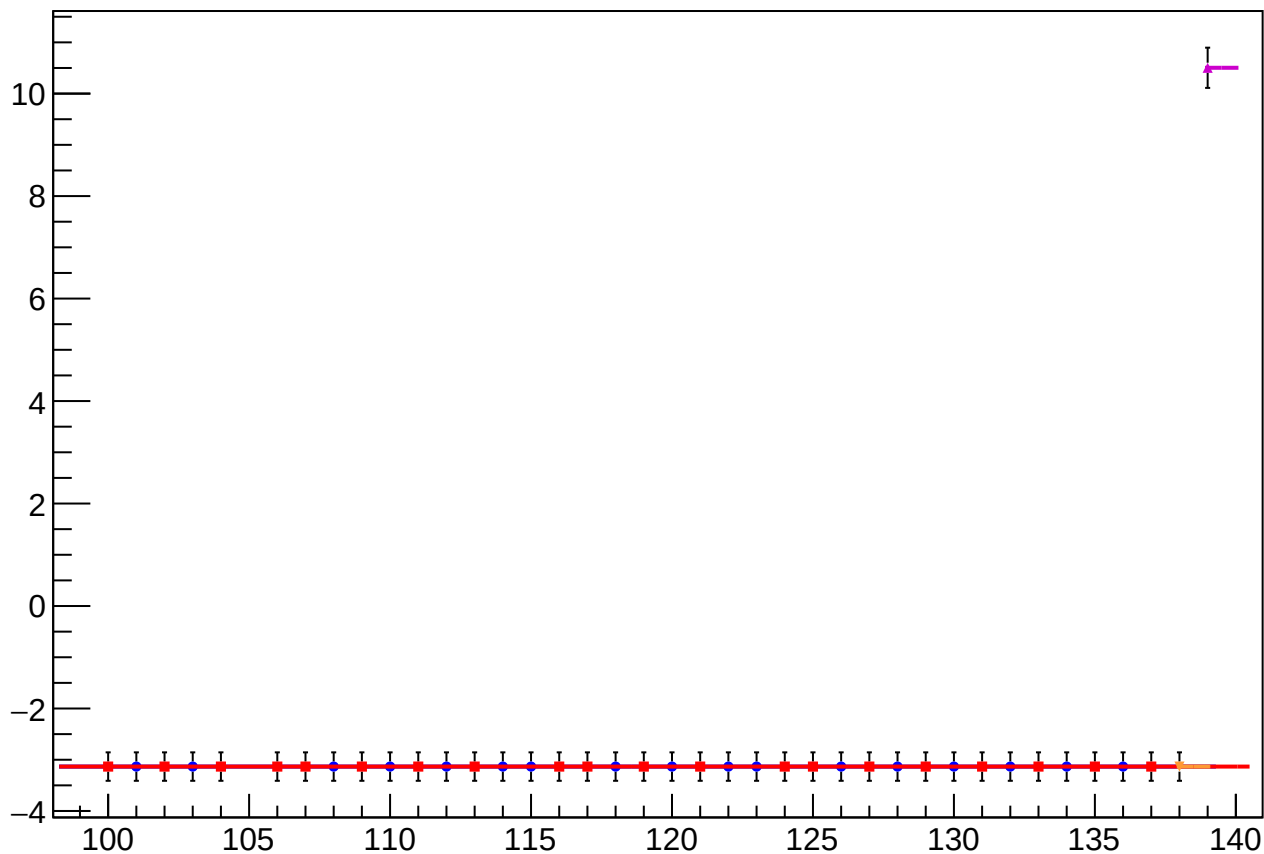
Right Out: -0.239 ± 0.007 χ^2/NDF : 6251.7/19

Left In: 0.341 ± 0.018 χ^2/NDF : 0.0/0

-0.083 ± 0.007 χ^2/NDF : 7433.0/17

-0.157 ± 0.007 χ^2/NDF : 7178.2/20

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: -3.133 ± 0.067 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -3.133 ± 0.278 $\chi^2/\text{NDF}: 0.0/0$

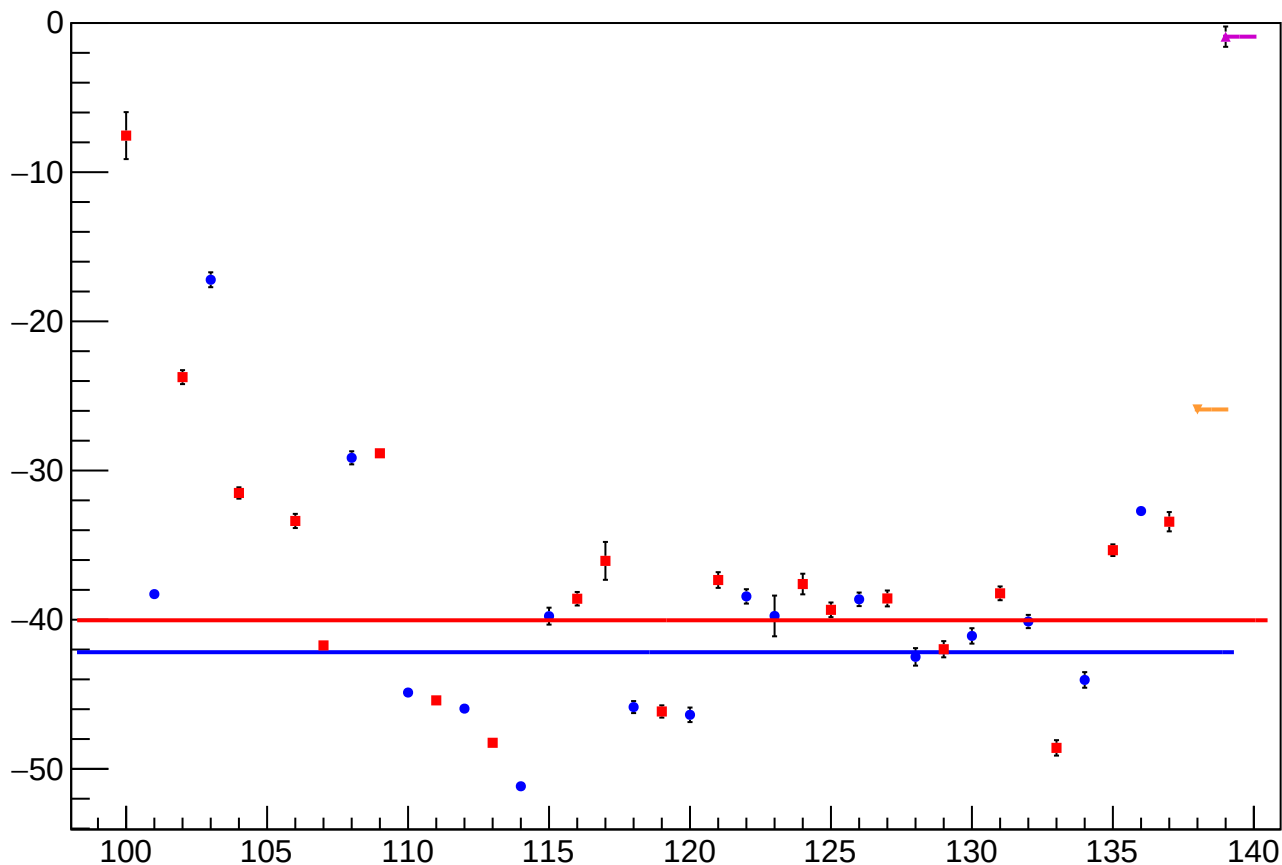
Right Out: -3.133 ± 0.062 $\chi^2/\text{NDF}: 0.0/19$

Left In: 10.504 ± 0.393 $\chi^2/\text{NDF}: 0.0/0$

-3.133 ± 0.065 $\chi^2/\text{NDF}: 0.0/17$

-2.801 ± 0.061 $\chi^2/\text{NDF}: 1177.6/20$

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -25.906 ± 0.269 χ^2/NDF : 0.0/0

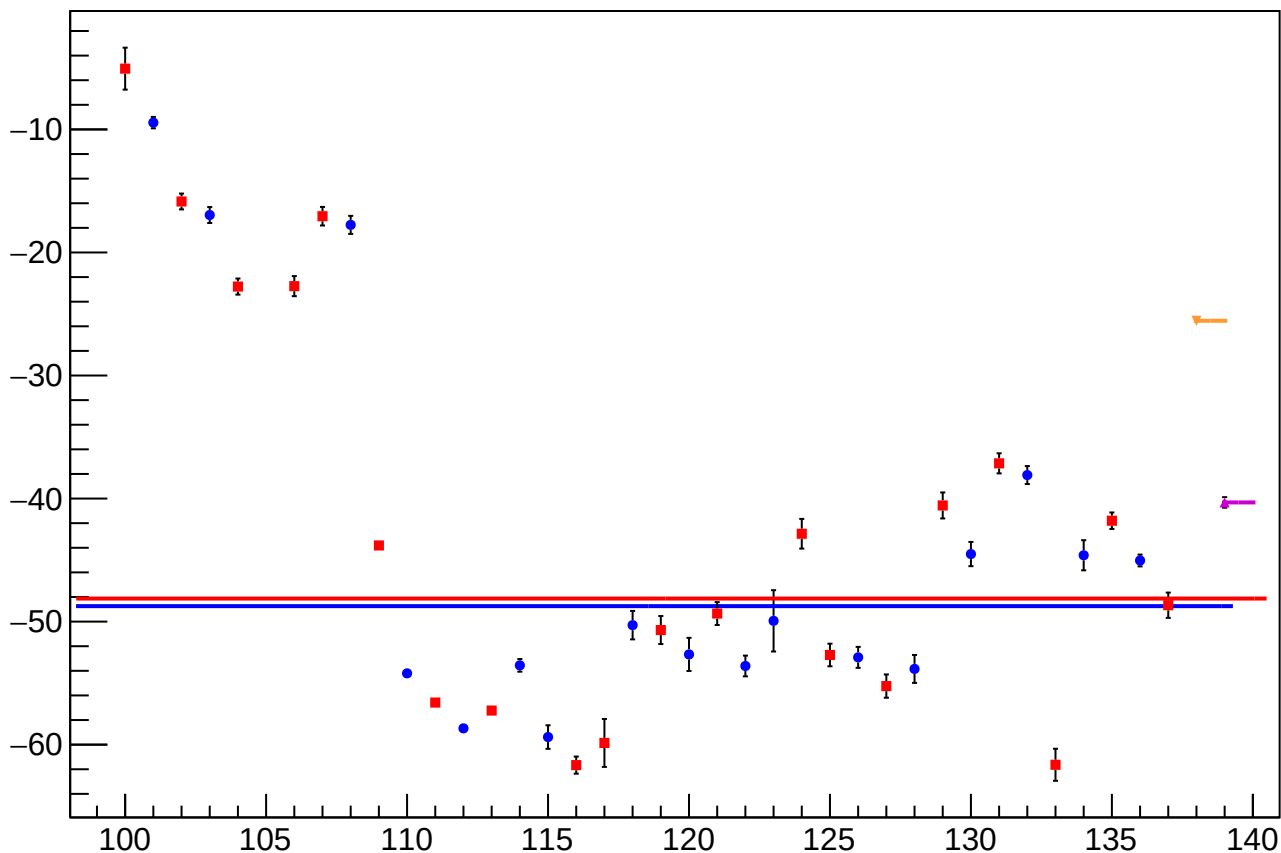
Right Out: -40.039 ± 0.073 χ^2/NDF : 11323.4/19

Left In: -0.915 ± 0.681 χ^2/NDF : 0.0/0

-40.926 ± 0.075 χ^2/NDF : 9945.3/17

-39.598 ± 0.072 χ^2/NDF : 14589.2/20

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -25.552 ± 0.301 $\chi^2/\text{NDF}: 0.0/0$

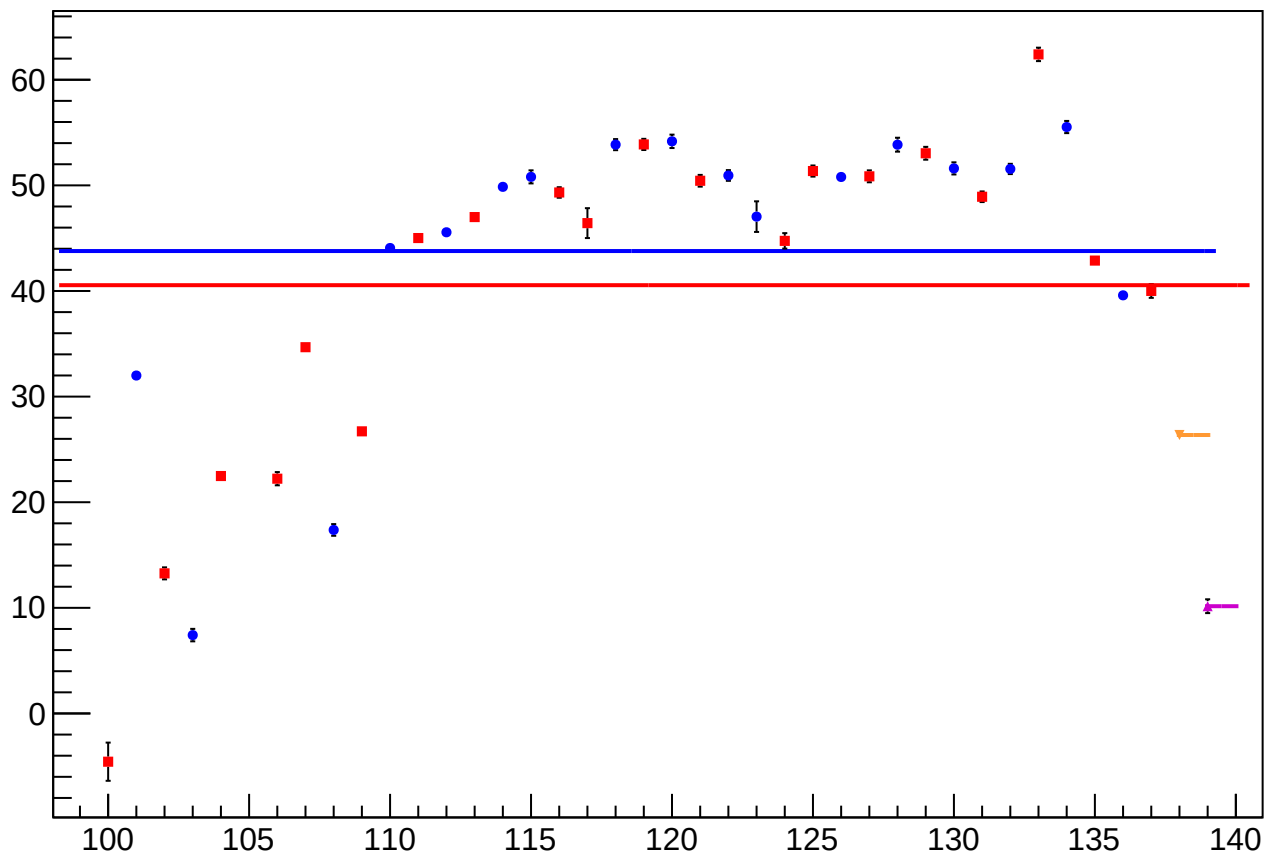
Right Out: -48.126 ± 0.107 $\chi^2/\text{NDF}: 11767.8/19$

Left In: -40.314 ± 0.428 $\chi^2/\text{NDF}: 0.0/0$

-45.354 ± 0.115 $\chi^2/\text{NDF}: 19734.5/17$

-47.666 ± 0.104 $\chi^2/\text{NDF}: 12081.4/20$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2/NDF : 10638.7/16

Left Out: 26.364 $\pm$ 0.311 χ^2/NDF : 0.0/0

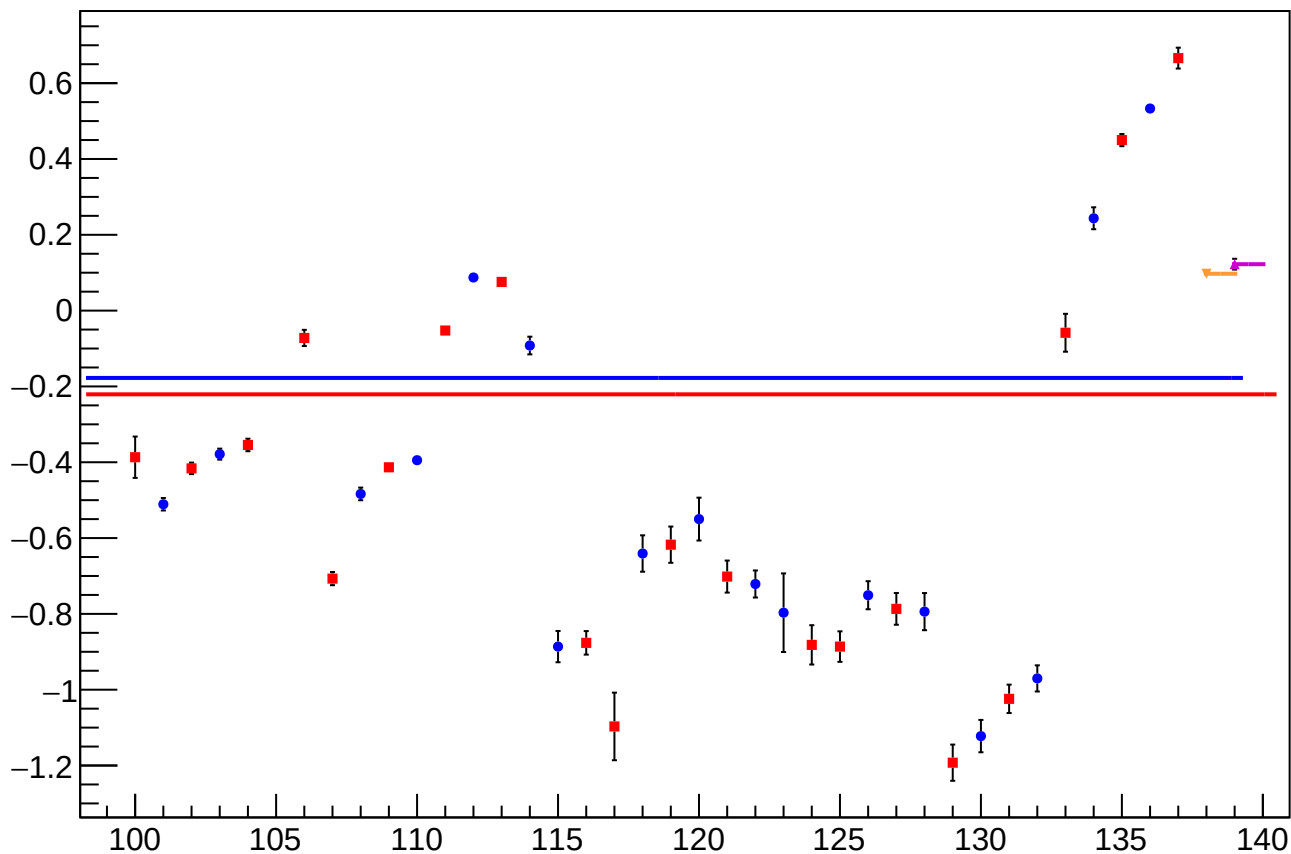
Right Out: 40.549 $\pm$ 0.080 χ^2/NDF : 17598.0/19

Left In: 10.155 $\pm$ 0.654 χ^2/NDF : 0.0/0

42.526 $\pm$ 0.083 χ^2/NDF : 13553.2/17

40.100 $\pm$ 0.079 χ^2/NDF : 19727.0/20

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178+/-0.005 χ^2/NDF : 7375.8/16

Left Out: 0.097+/-0.012 χ^2/NDF : 0.0/0

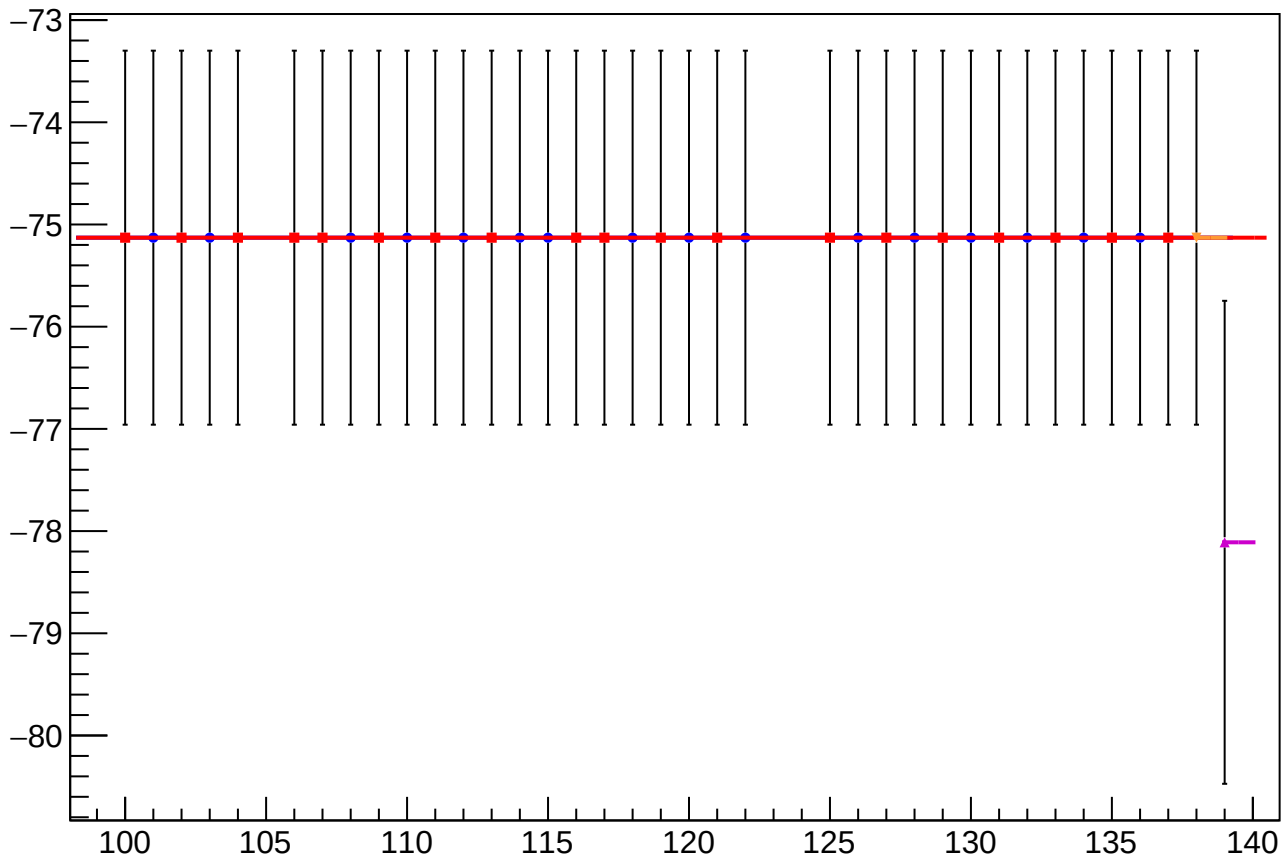
Right Out: -0.221+/-0.004 χ^2/NDF : 7566.8/19

Left In: 0.122+/-0.014 χ^2/NDF : 0.0/0

-0.139+/-0.004 χ^2/NDF : 7830.4/17

-0.192+/-0.004 χ^2/NDF : 8095.7/20

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -75.129 $\pm$ 0.457 χ^2 /NDF: 0.0/15

Left Out: -75.129 $\pm$ 1.830 χ^2 /NDF: 0.0/0

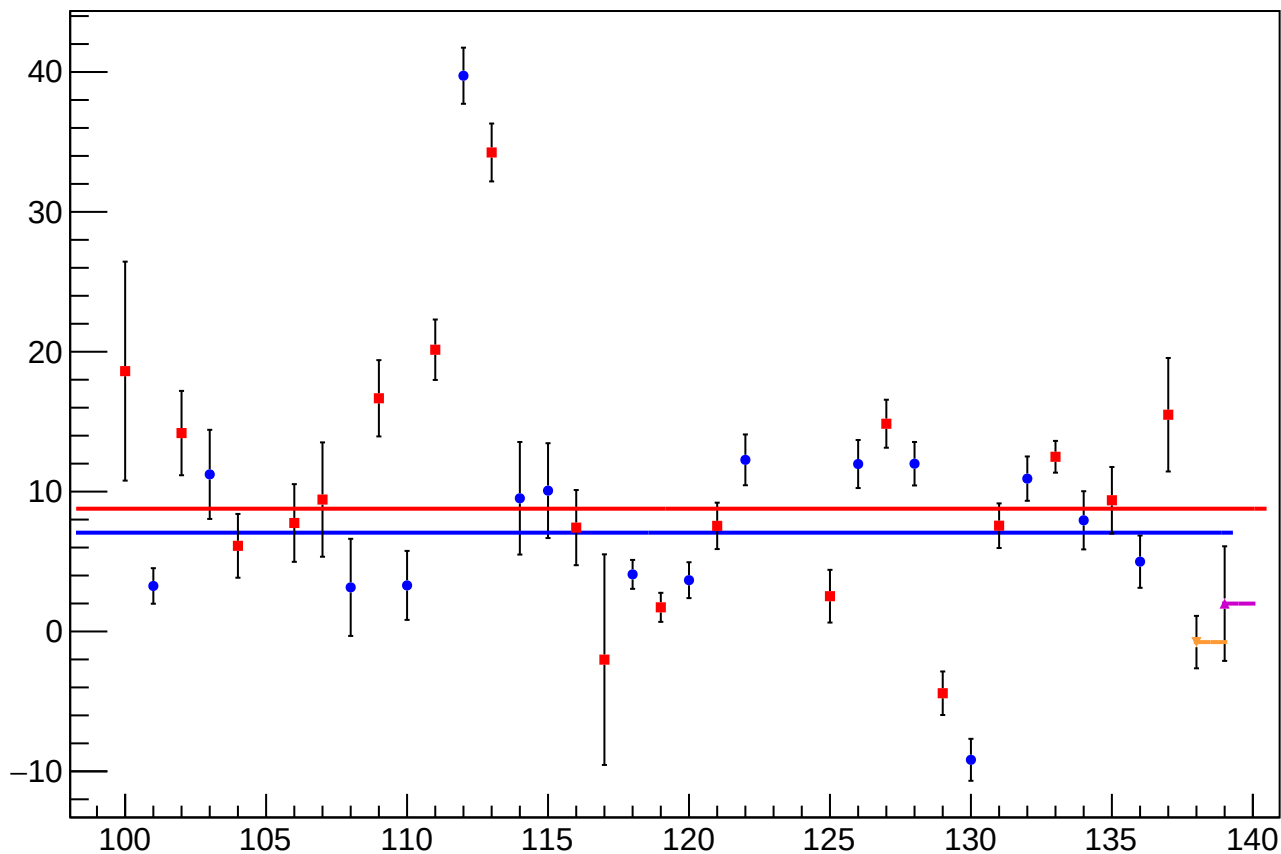
Right Out: -75.129 $\pm$ 0.420 χ^2 /NDF: 0.0/18

Left In: -78.110 $\pm$ 2.363 χ^2 /NDF: 0.0/0

-75.129 $\pm$ 0.444 χ^2 /NDF: 0.0/16

-75.220 $\pm$ 0.413 χ^2 /NDF: 1.5/19

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063+/-0.434 χ^2/NDF : 446.9/15

Left Out: -0.761+/-1.875 χ^2/NDF : 0.0/0

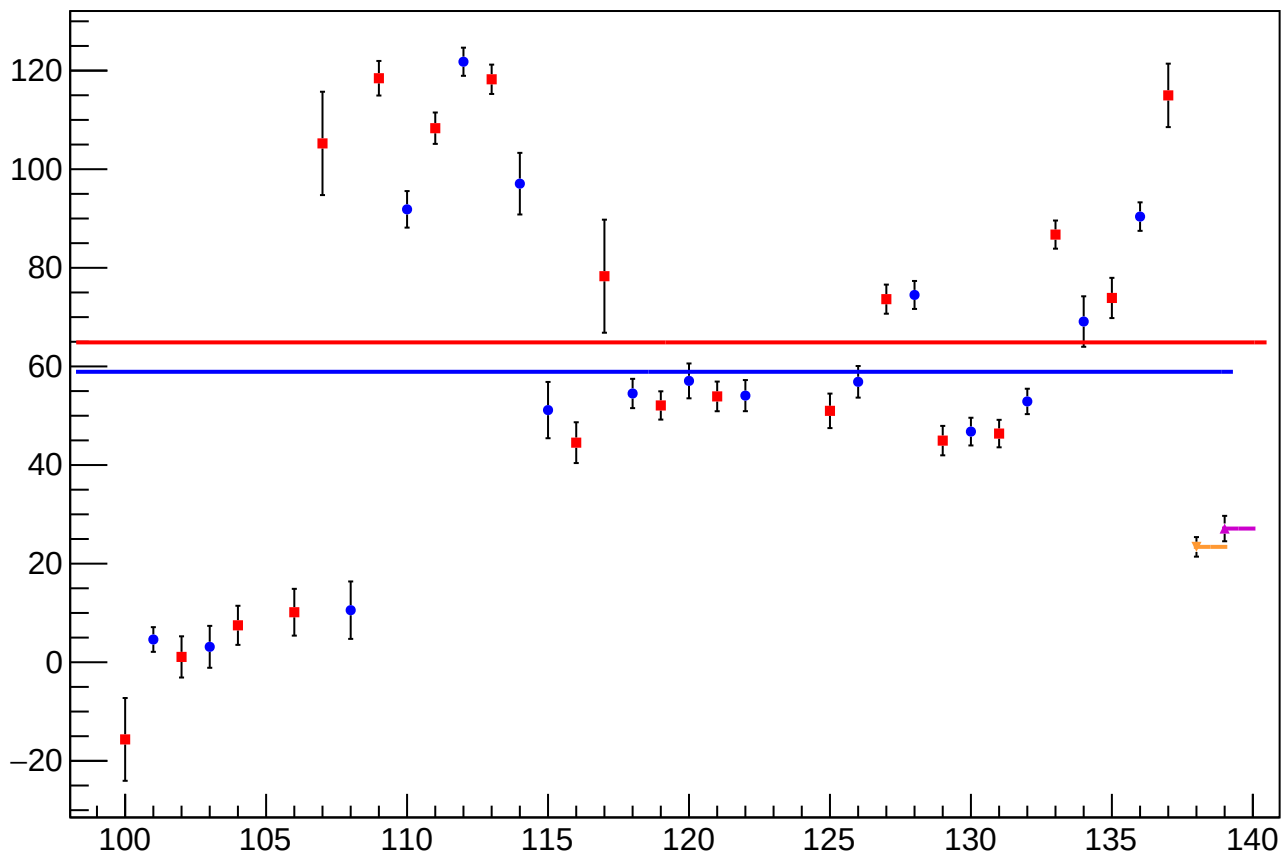
Right Out: 8.777+/-0.448 χ^2/NDF : 352.4/18

Left In: 1.993+/-4.097 χ^2/NDF : 0.0/0

6.666+/-0.422 χ^2/NDF : 463.4/16

8.697+/-0.446 χ^2/NDF : 355.1/19

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF : 1496.7/15

Left Out: 23.404+/-1.984 χ^2/NDF : 0.0/0

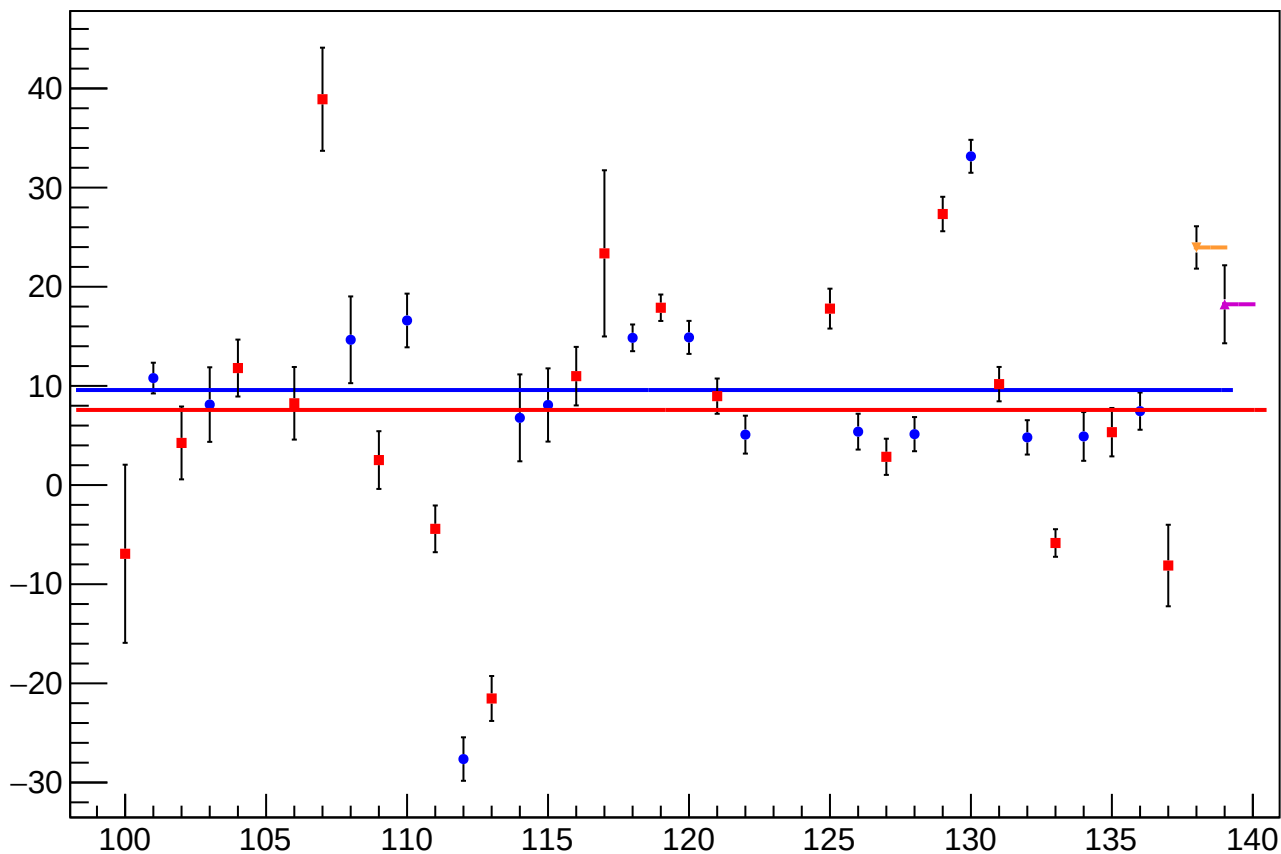
Right Out: 64.875+/-0.838 χ^2/NDF : 1719.5/18

Left In: 27.117+/-2.576 χ^2/NDF : 0.0/0

53.609+/-0.767 χ^2/NDF : 1769.1/16

61.263+/-0.797 χ^2/NDF : 1913.8/19

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 $\pm$ 0.501 χ^2 /NDF: 554.4/15

Left Out: 23.964 $\pm$ 2.137 χ^2 /NDF:0.0/0

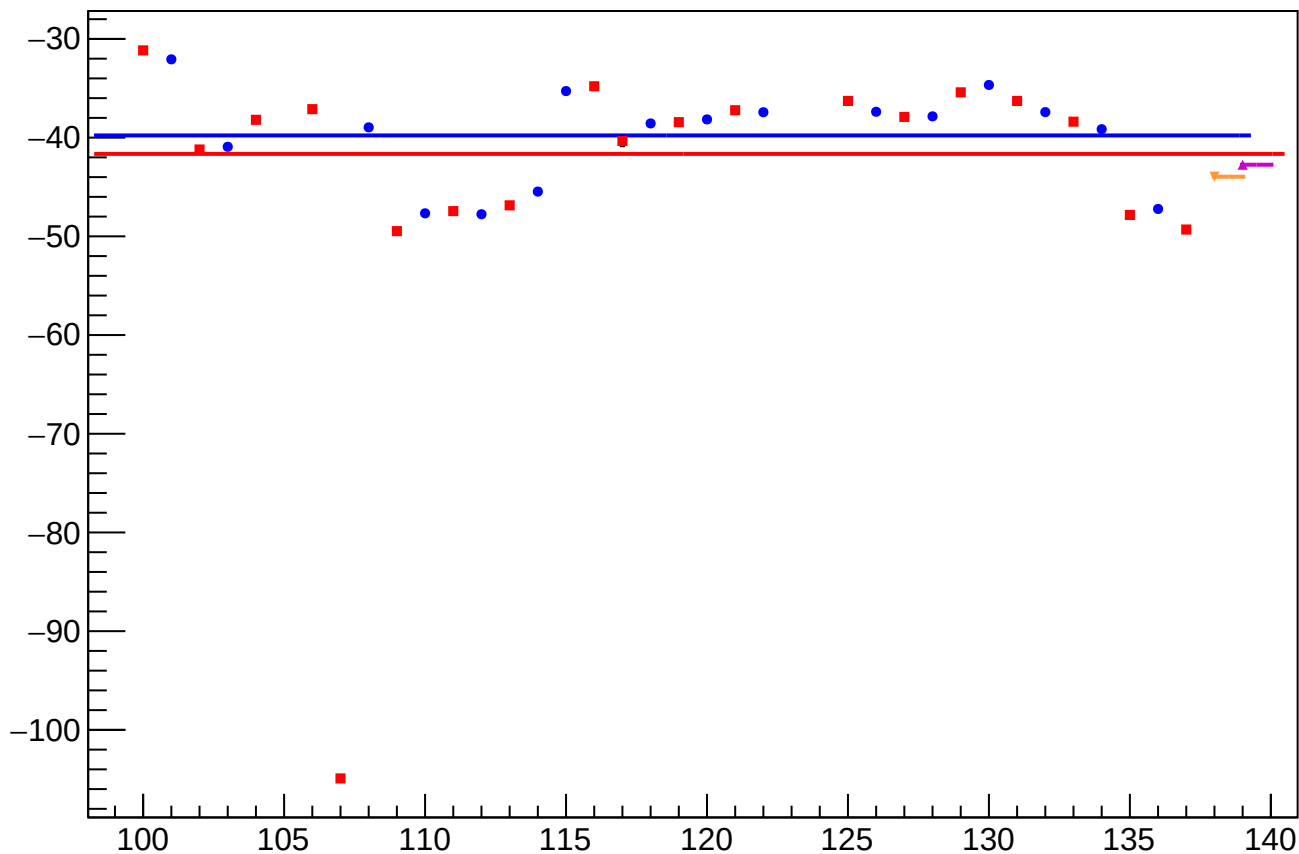
Right Out: 7.575 $\pm$ 0.515 χ^2 /NDF: 573.4/18

Left In: 18.232 $\pm$ 3.934 χ^2 /NDF:0.0/0

10.332 $\pm$ 0.488 χ^2 /NDF: 597.4/16

7.755 $\pm$ 0.510 χ^2 /NDF: 580.6/19

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -43.960 ± 0.078 χ^2/NDF : 0.0/0

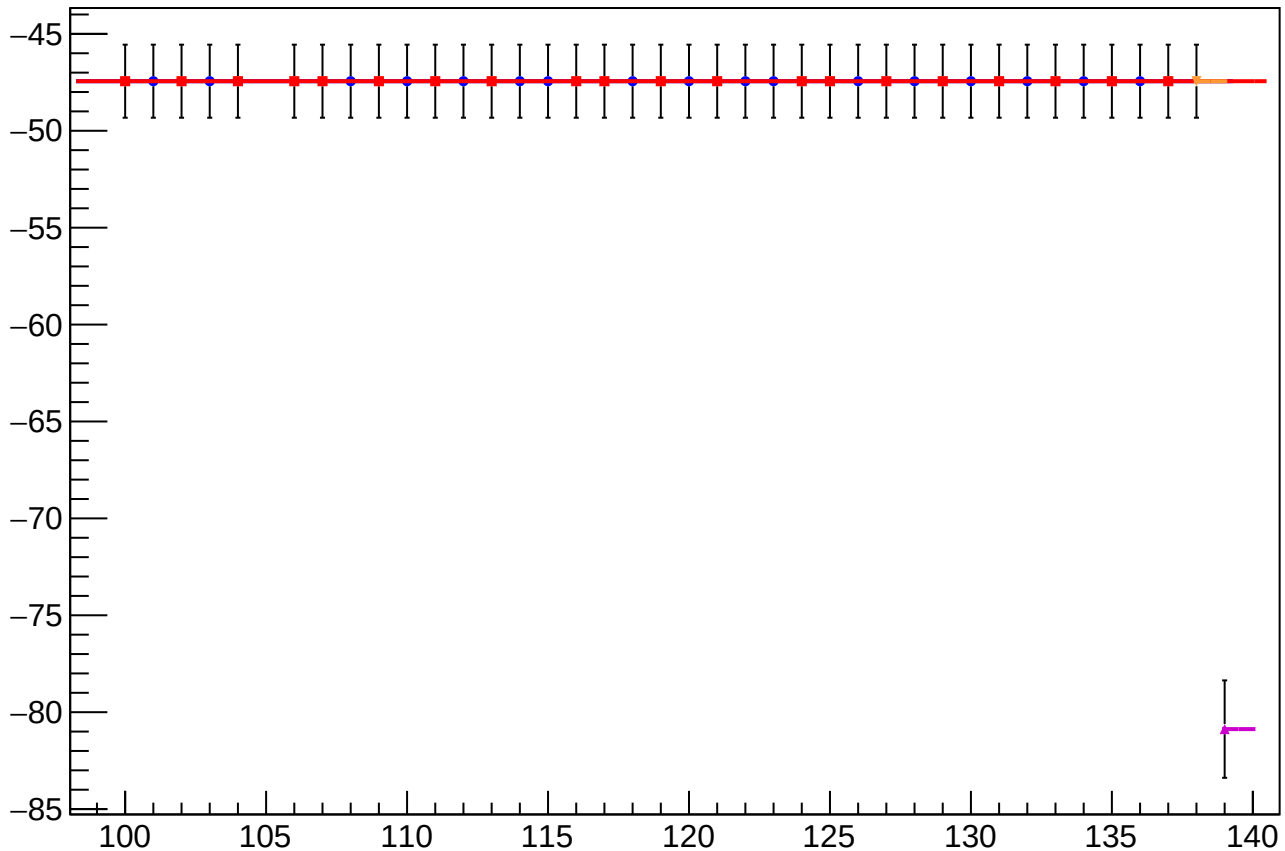
Right Out: -41.646 ± 0.031 χ^2/NDF : 94463.7/18

Left In: -42.746 ± 0.086 χ^2/NDF : 0.0/0

-40.349 ± 0.029 χ^2/NDF : 28637.1/16

-41.773 ± 0.029 χ^2/NDF : 94607.4/19

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -47.442 $\pm$ 0.457 χ^2 /NDF: 0.0/16

Left Out: -47.442 $\pm$ 1.885 χ^2 /NDF: 0.0/0

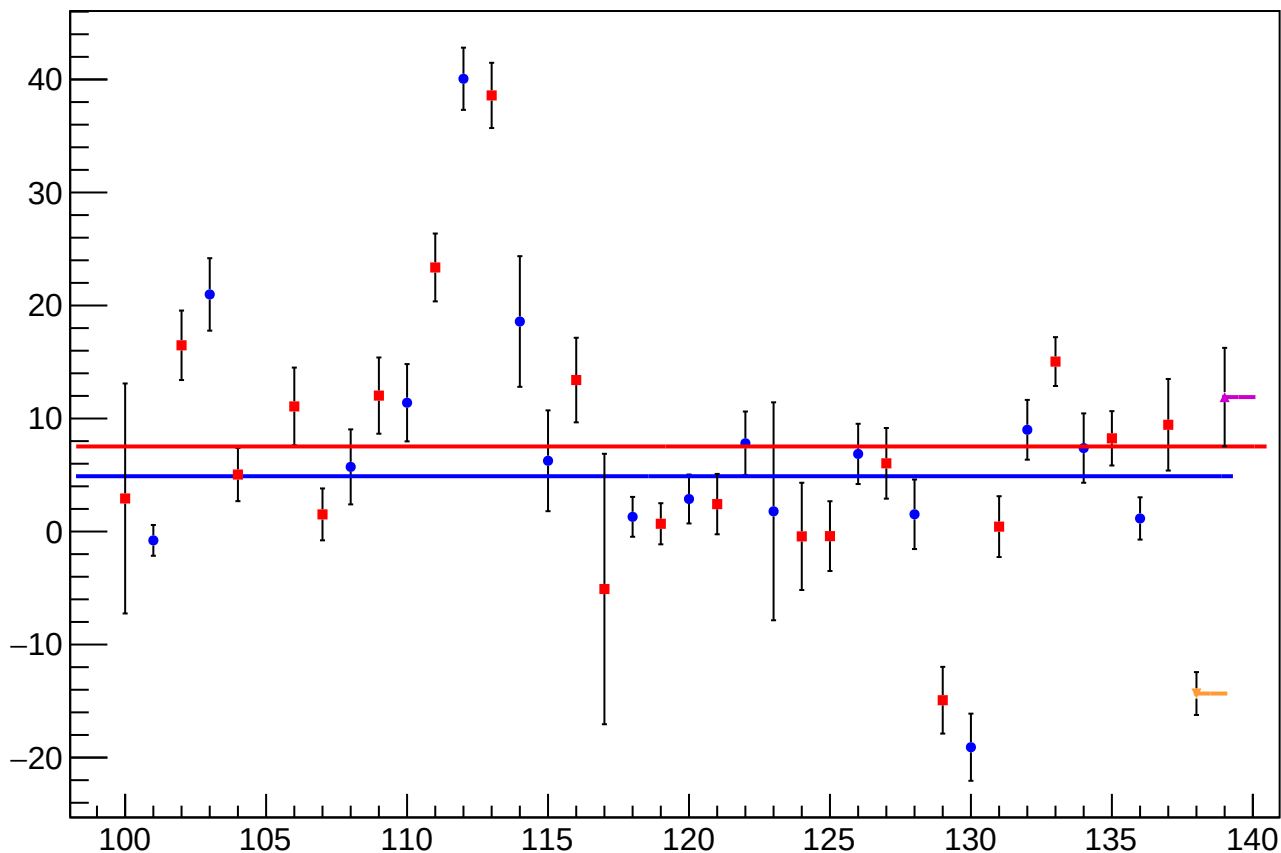
Right Out: -47.442 $\pm$ 0.421 χ^2 /NDF: 0.0/19

Left In: -80.872 $\pm$ 2.513 χ^2 /NDF: 0.0/0

-47.442 $\pm$ 0.444 χ^2 /NDF: 0.0/17

-48.357 $\pm$ 0.416 χ^2 /NDF: 172.2/20

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 $\pm$ 0.621 χ^2/NDF : 295.4/16

Left Out: -14.334 $\pm$ 1.896 χ^2/NDF : 0.0/0

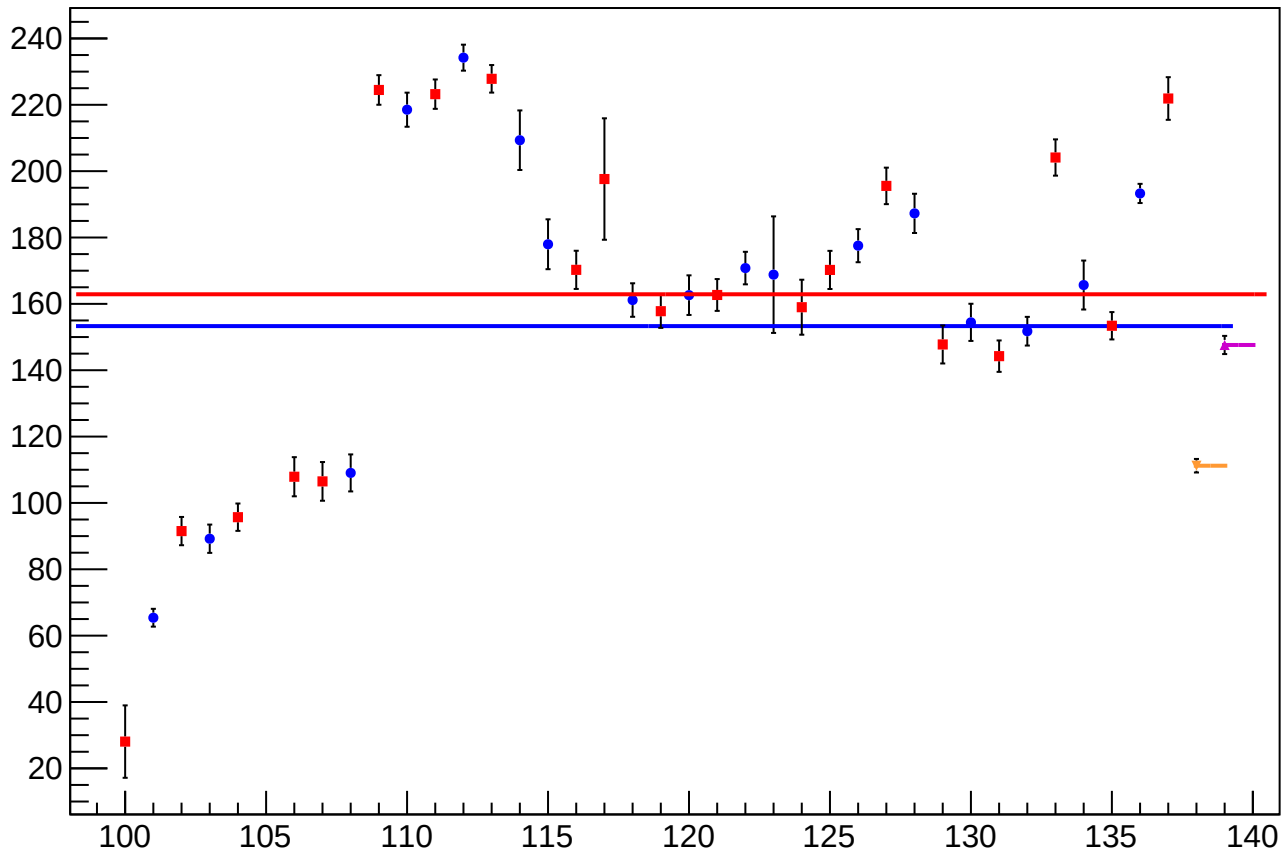
Right Out: 7.528 $\pm$ 0.651 χ^2/NDF : 271.3/19

Left In: 11.897 $\pm$ 4.356 χ^2/NDF : 0.0/0

3.030 $\pm$ 0.590 χ^2/NDF : 388.2/17

7.623 $\pm$ 0.643 χ^2/NDF : 272.3/20

reg_asym_usr_diff_bpm4eX_slope vs Slug



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

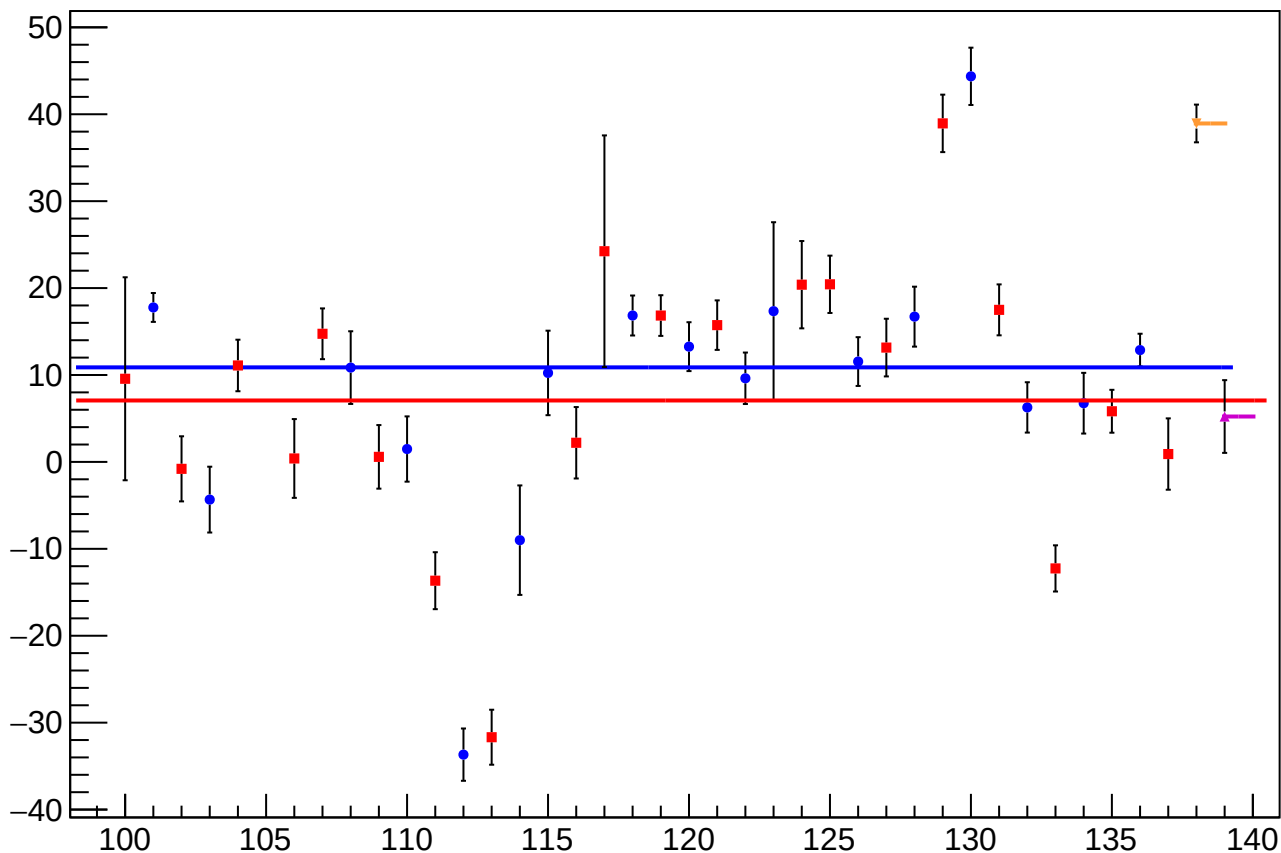
Right Out: 162.891 $\pm$ 1.174 χ^2 /NDF: 1712.3/19

Left In: 147.609 $\pm$ 2.740 χ^2 /NDF: 0.0/0

143.246 $\pm$ 0.999 χ^2 /NDF: 2589.6/17

160.520 $\pm$ 1.079 χ^2 /NDF: 1738.6/20

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 ± 0.713 χ^2/NDF : 388.1/16

Left Out: 38.939 ± 2.171 χ^2/NDF : 0.0/0

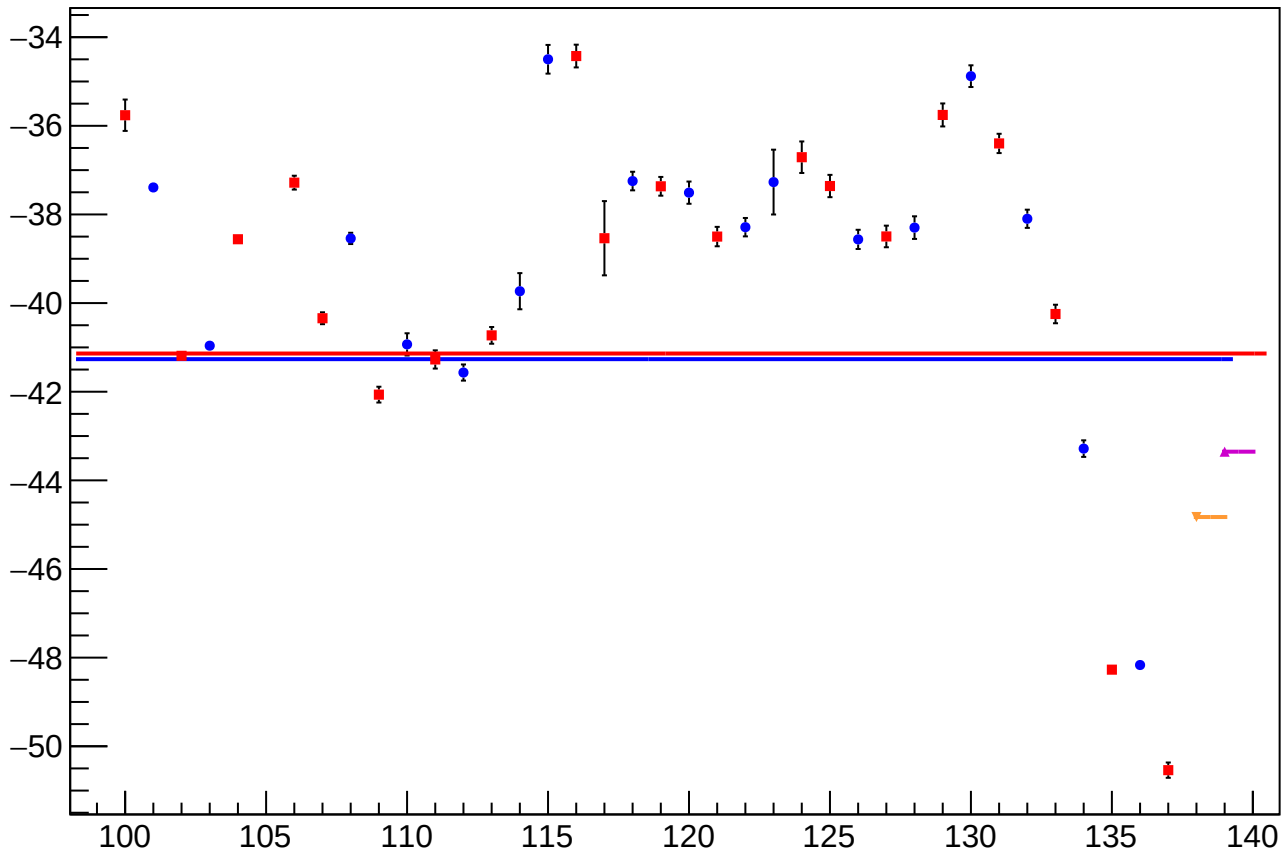
Right Out: 7.068 ± 0.747 χ^2/NDF : 426.2/19

Left In: 5.223 ± 4.184 χ^2/NDF : 0.0/0

13.613 ± 0.678 χ^2/NDF : 538.9/17

7.011 ± 0.735 χ^2/NDF : 426.4/20

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -44.827 ± 0.081 $\chi^2/\text{NDF}: 0.0/0$

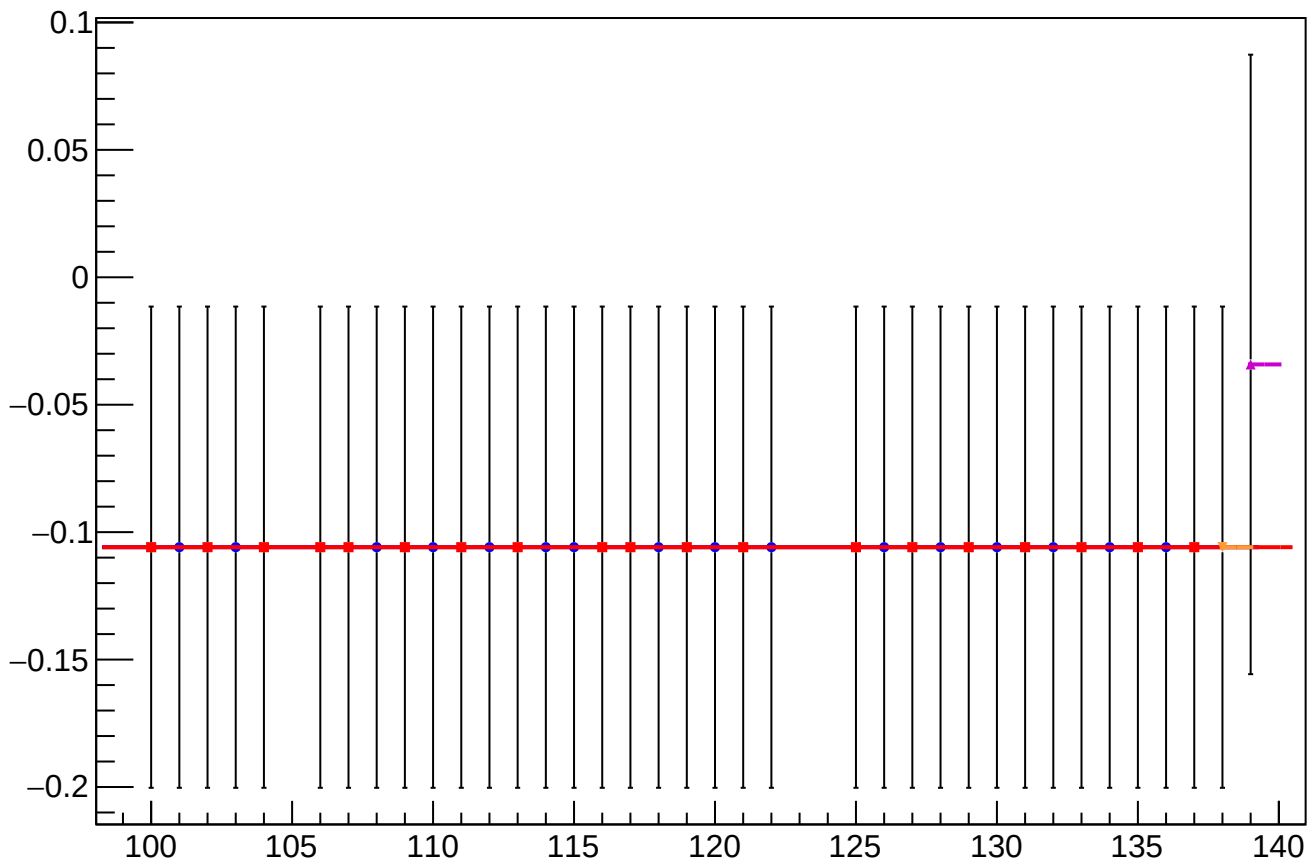
Right Out: -41.138 ± 0.039 $\chi^2/\text{NDF}: 12228.3/19$

Left In: -43.353 ± 0.092 $\chi^2/\text{NDF}: 0.0/0$

-41.925 ± 0.035 $\chi^2/\text{NDF}: 14155.8/17$

-41.471 ± 0.036 $\chi^2/\text{NDF}: 12724.0/20$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: -0.106 ± 0.024 χ^2/NDF : 0.0/15

Left Out: -0.106 ± 0.094 χ^2/NDF : 0.0/0

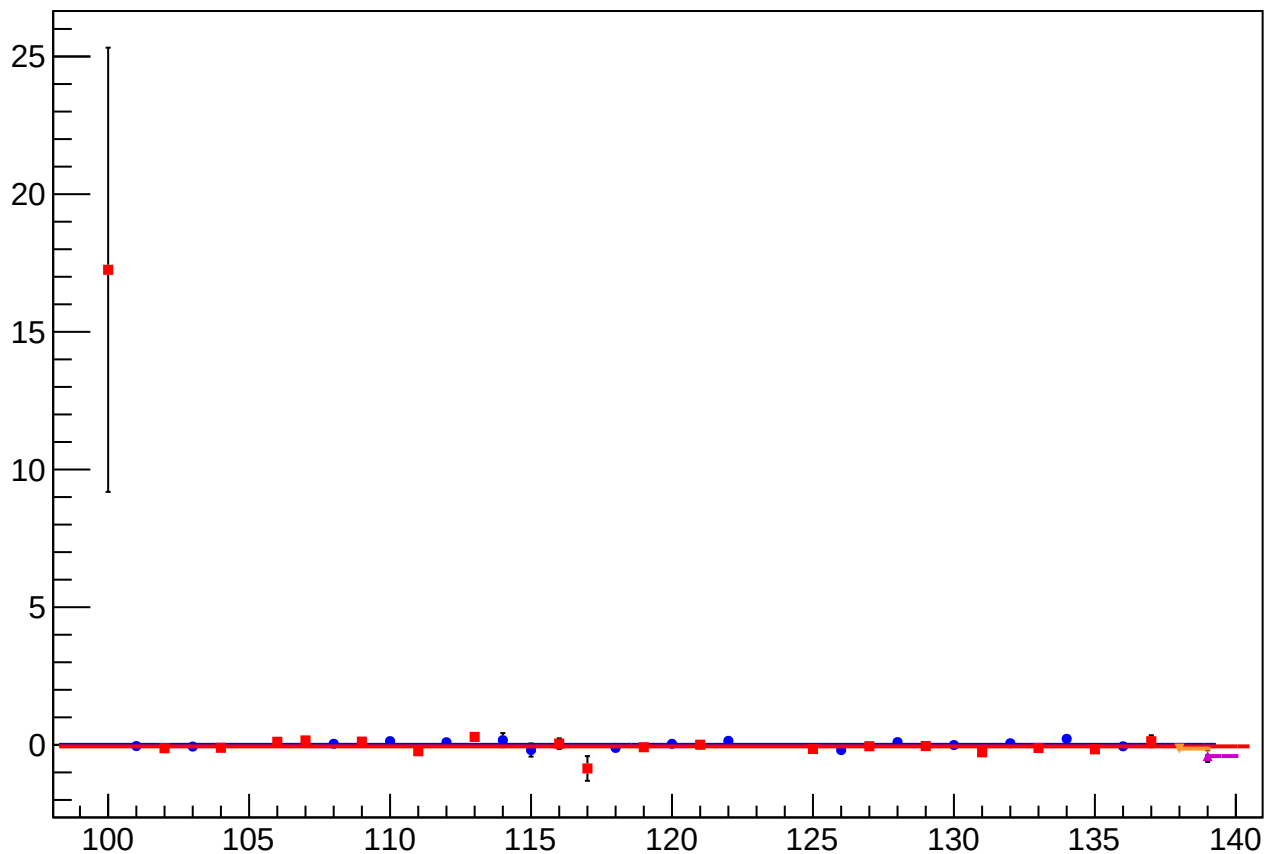
Right Out: -0.106 ± 0.022 χ^2/NDF : 0.0/18

Left In: -0.034 ± 0.122 χ^2/NDF : 0.0/0

-0.106 ± 0.023 χ^2/NDF : 0.0/16

-0.104 ± 0.021 χ^2/NDF : 0.3/19

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002+/-0.028 χ^2/NDF : 12.5/15

Left Out: -0.134+/-0.101 χ^2/NDF : 0.0/0

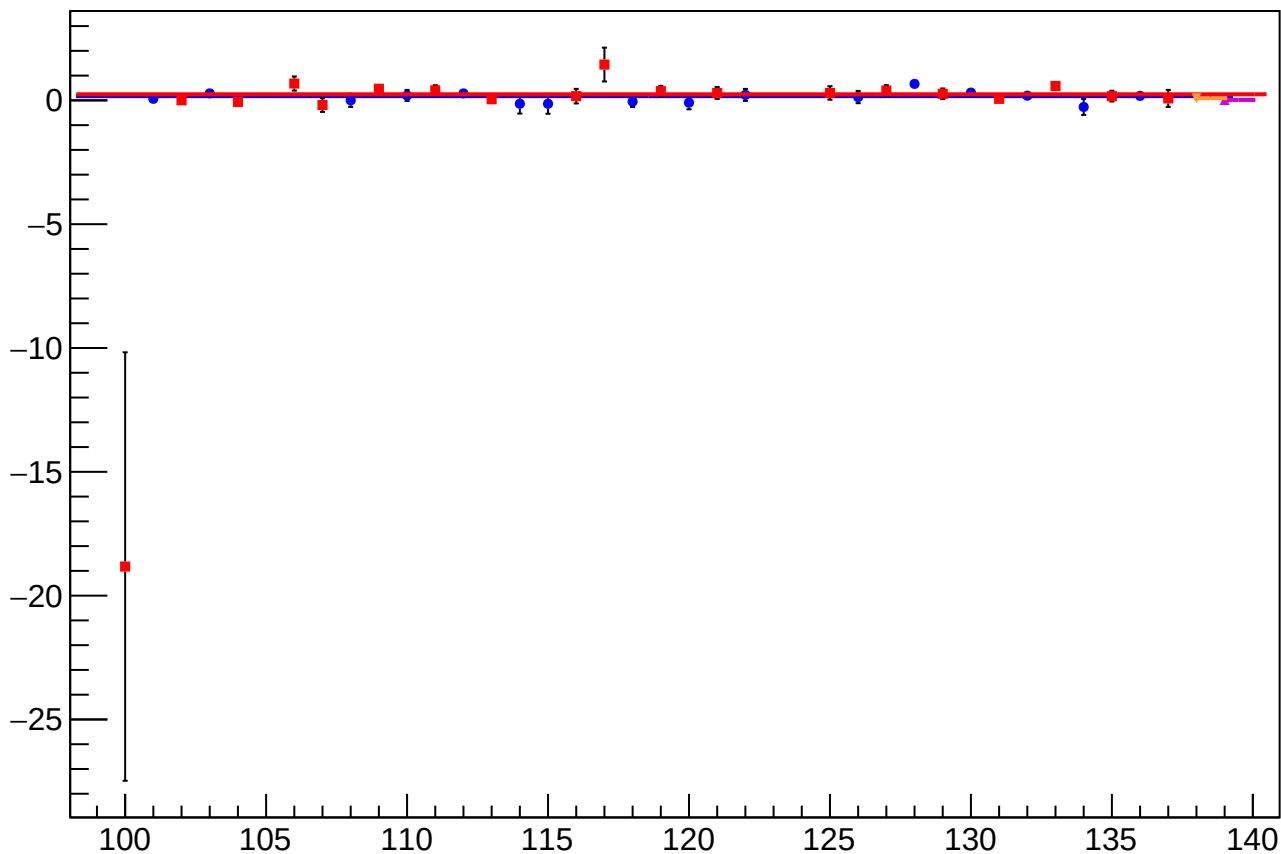
Right Out: -0.054+/-0.029 χ^2/NDF : 29.0/18

Left In: -0.407+/-0.211 χ^2/NDF : 0.0/0

-0.008+/-0.027 χ^2/NDF : 14.2/16

-0.061+/-0.029 χ^2/NDF : 31.8/19

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171+/-0.052 χ^2/NDF : 13.7/15

Left Out: 0.089+/-0.102 χ^2/NDF : 0.0/0

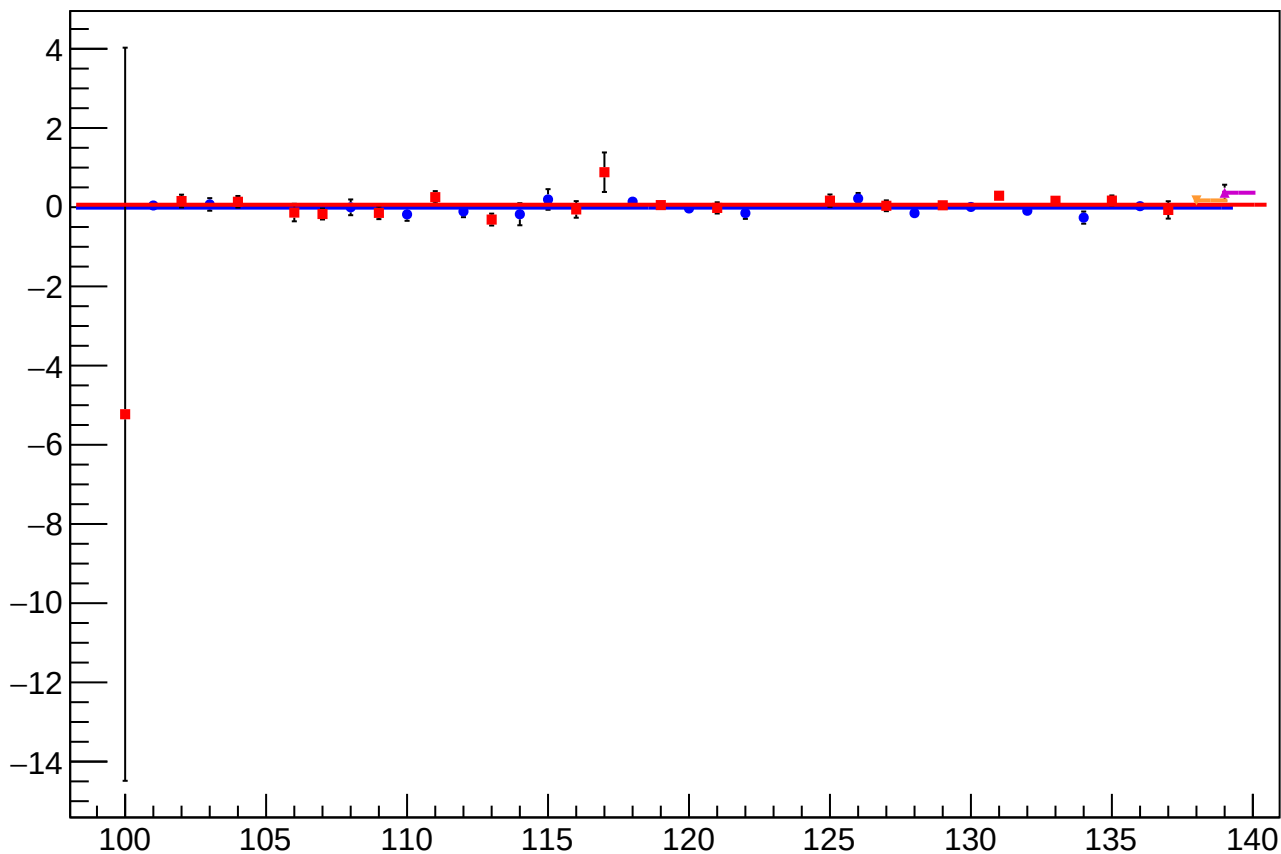
Right Out: 0.246+/-0.054 χ^2/NDF : 24.9/18

Left In: 0.018+/-0.133 χ^2/NDF : 0.0/0

0.154+/-0.047 χ^2/NDF : 14.2/16

0.214+/-0.050 χ^2/NDF : 27.5/19

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.171 ± 0.114 χ^2/NDF : 0.0/0

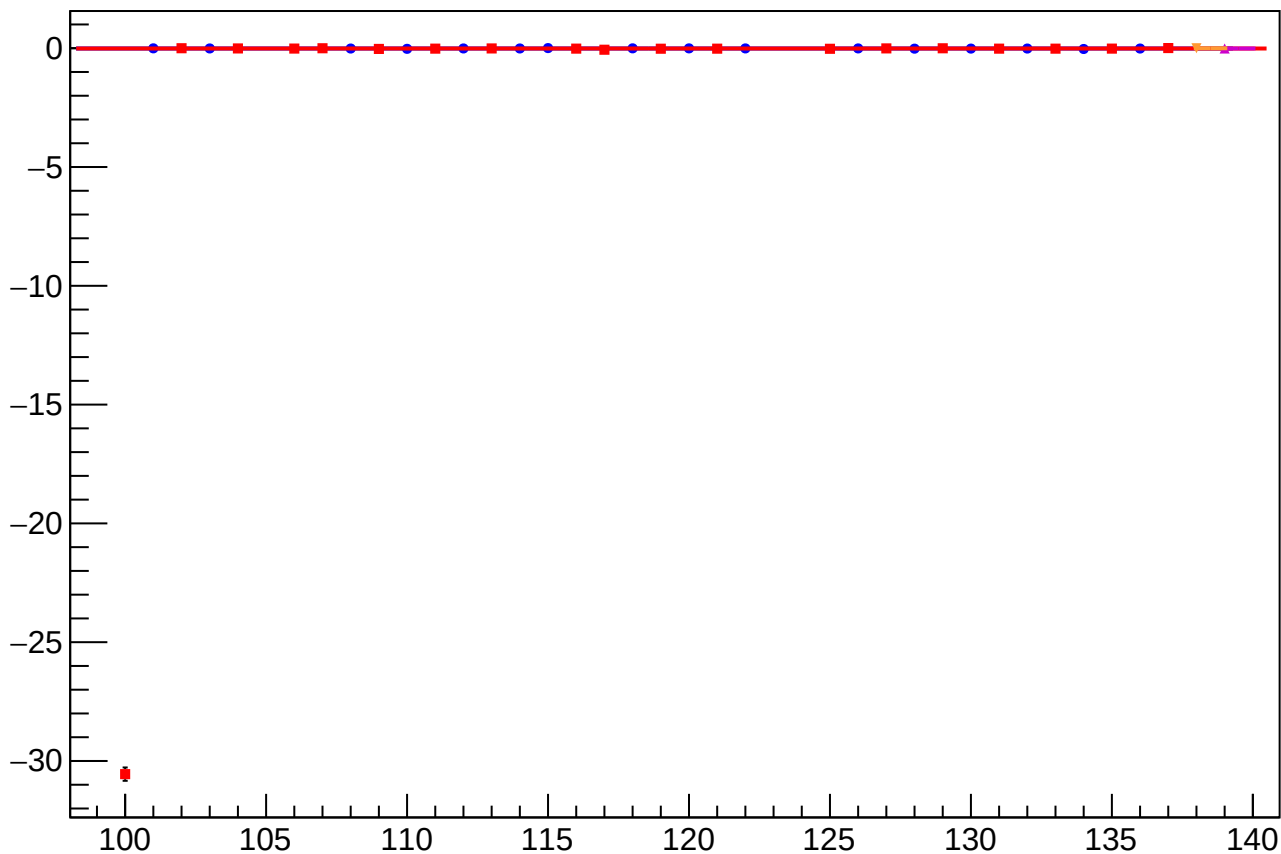
Right Out: 0.062 ± 0.034 χ^2/NDF : 23.3/18

Left In: 0.365 ± 0.202 χ^2/NDF : 0.0/0

0.003 ± 0.031 χ^2/NDF : 16.1/16

0.071 ± 0.033 χ^2/NDF : 25.5/19

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

Left Out: -0.002 $\pm$ 0.004 χ^2 /NDF: 0.0/0

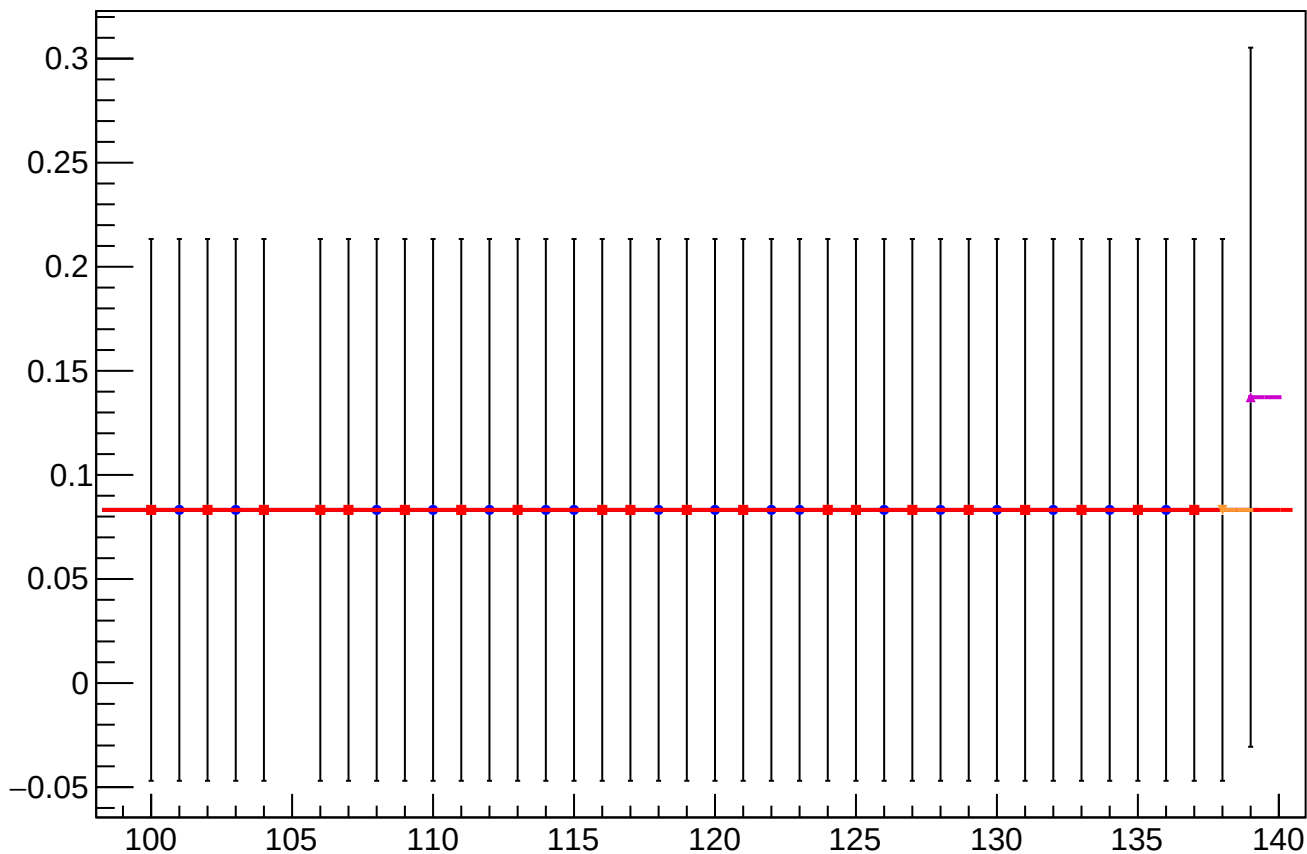
Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11894.2/18

Left In: -0.012 $\pm$ 0.004 χ^2 /NDF: 0.0/0

-0.010 $\pm$ 0.002 χ^2 /NDF: 18.4/16

-0.012 $\pm$ 0.002 χ^2 /NDF: 11894.2/19

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.083 ± 0.032 χ^2/NDF : 0.0/16

Left Out: 0.083 ± 0.130 χ^2/NDF : 0.0/0

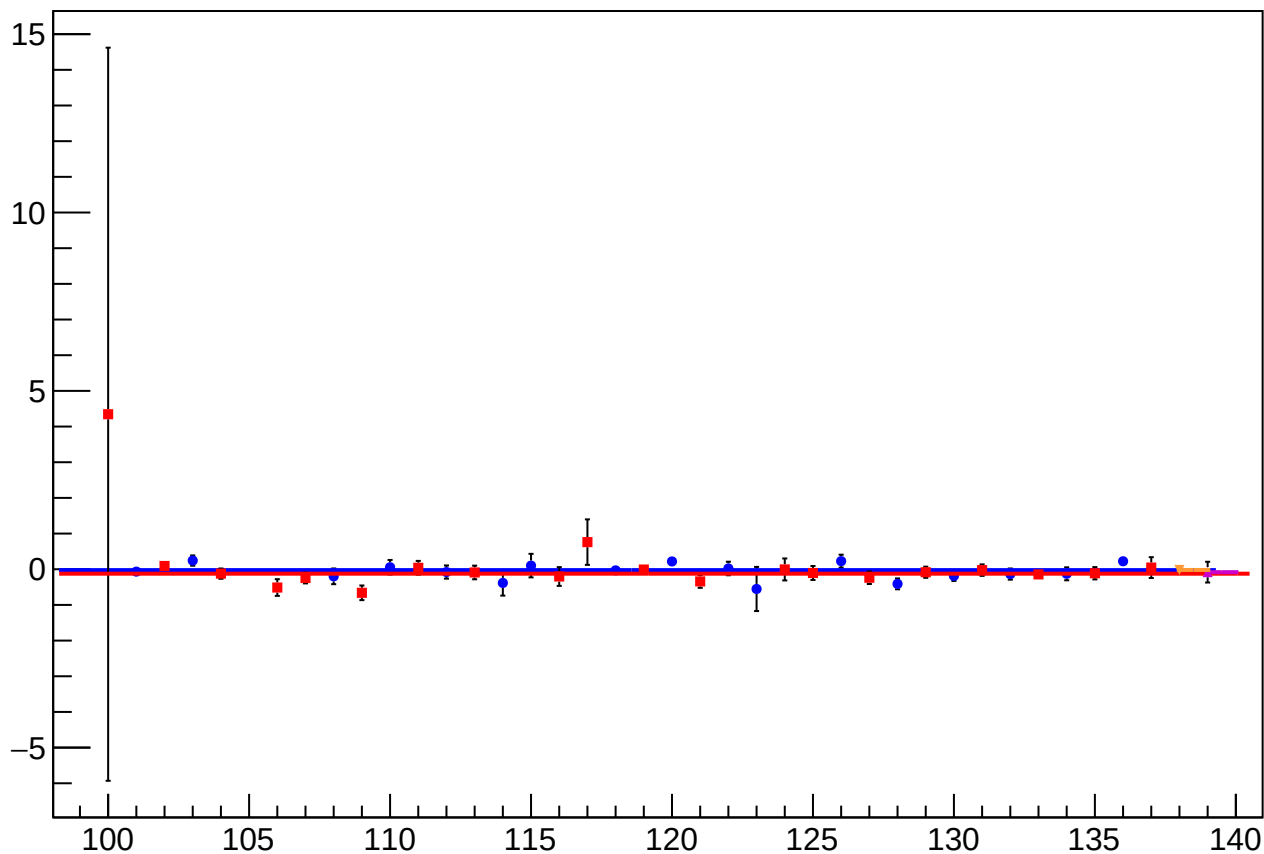
Right Out: 0.083 ± 0.029 χ^2/NDF : 0.0/19

Left In: 0.137 ± 0.168 χ^2/NDF : 0.0/0

0.083 ± 0.031 χ^2/NDF : 0.0/17

0.085 ± 0.029 χ^2/NDF : 0.1/20

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024+/-0.037 χ^2/NDF : 23.4/16

Left Out: -0.020+/-0.140 χ^2/NDF : 0.0/0

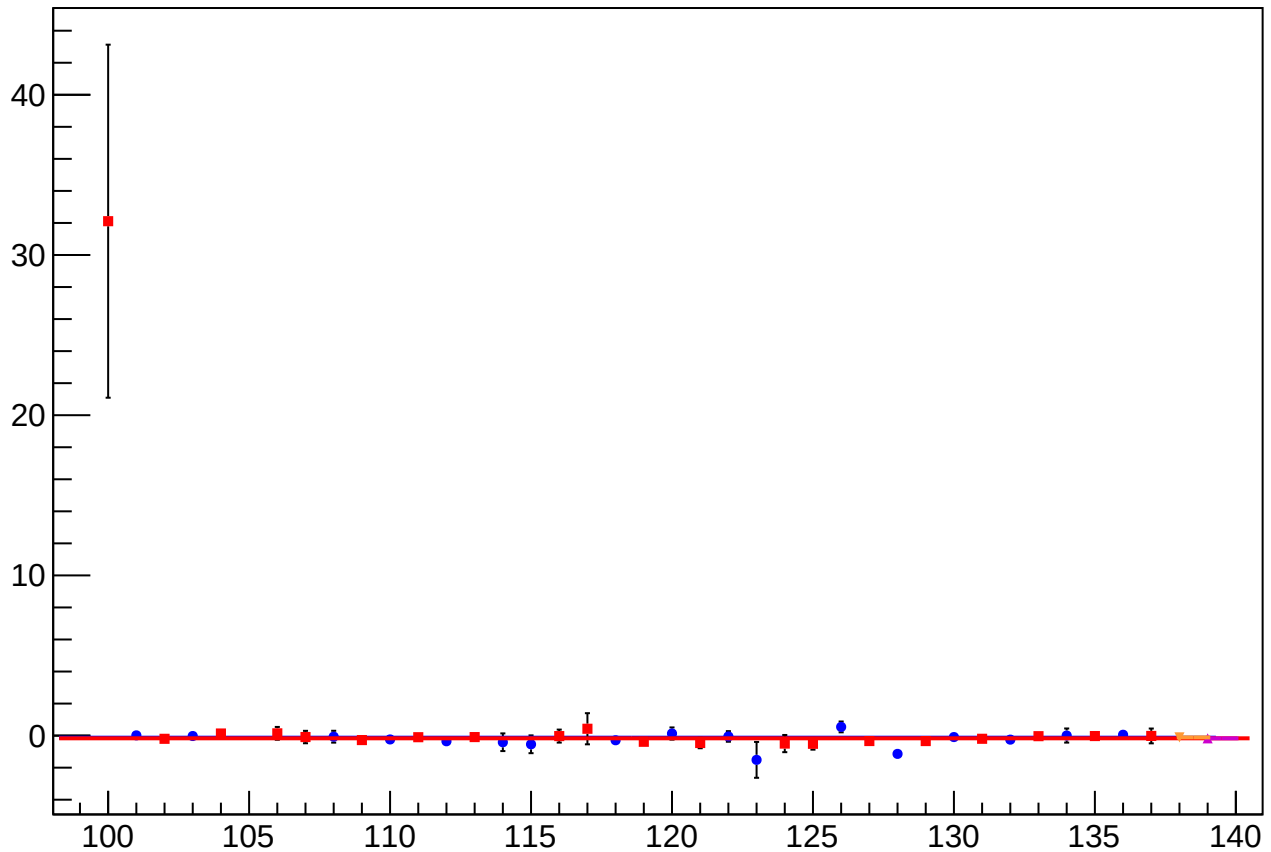
Right Out: -0.125+/-0.039 χ^2/NDF : 19.6/19

Left In: -0.081+/-0.291 χ^2/NDF : 0.0/0

-0.024+/-0.035 χ^2/NDF : 23.4/17

-0.124+/-0.039 χ^2/NDF : 19.6/20

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF : 23.7/16

Left Out: -0.109+/-0.141 χ^2/NDF : 0.0/0

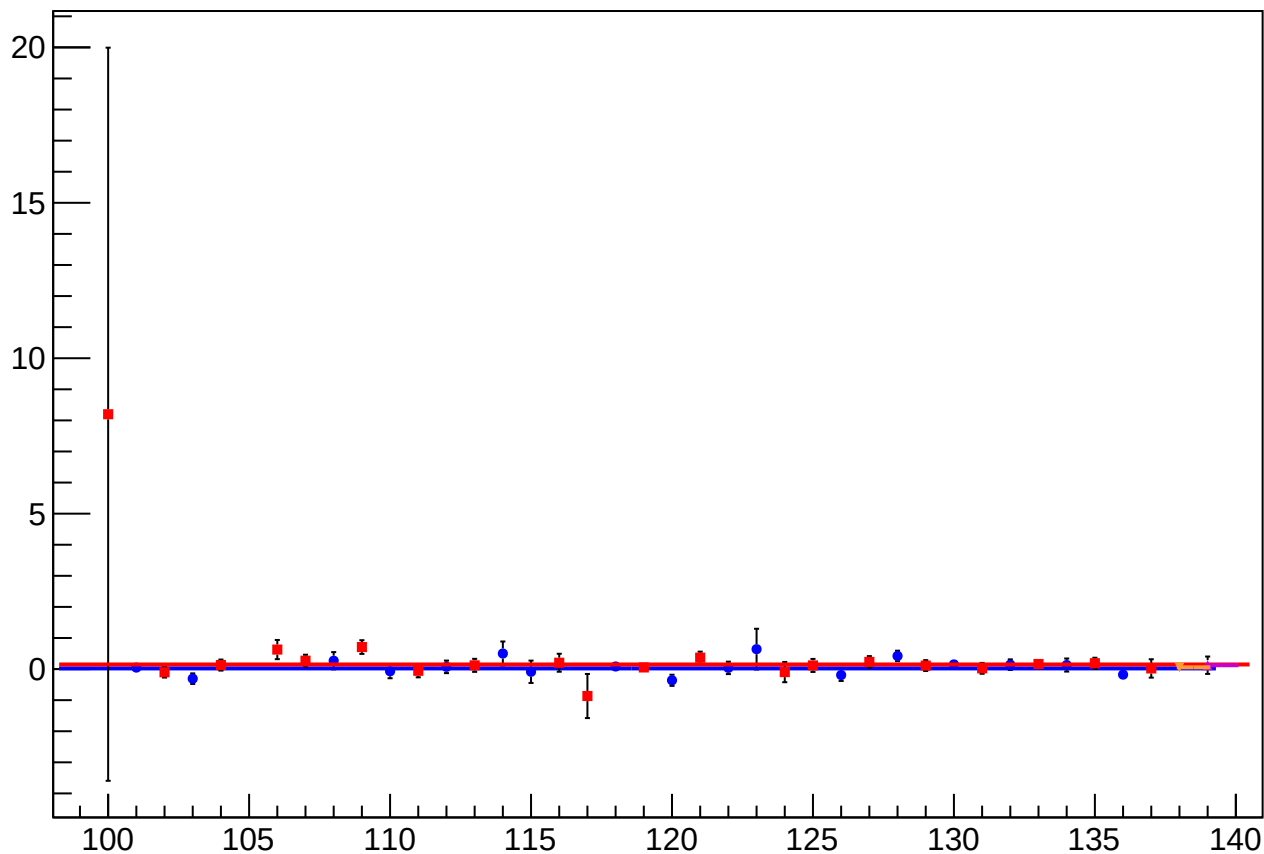
Right Out: -0.168+/-0.071 χ^2/NDF : 15.4/19

Left In: -0.170+/-0.183 χ^2/NDF : 0.0/0

-0.126+/-0.060 χ^2/NDF : 23.8/17

-0.169+/-0.066 χ^2/NDF : 15.4/20

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 $\chi^2/\text{NDF}: 22.5/16$

Left Out: 0.056 ± 0.157 $\chi^2/\text{NDF}: 0.0/0$

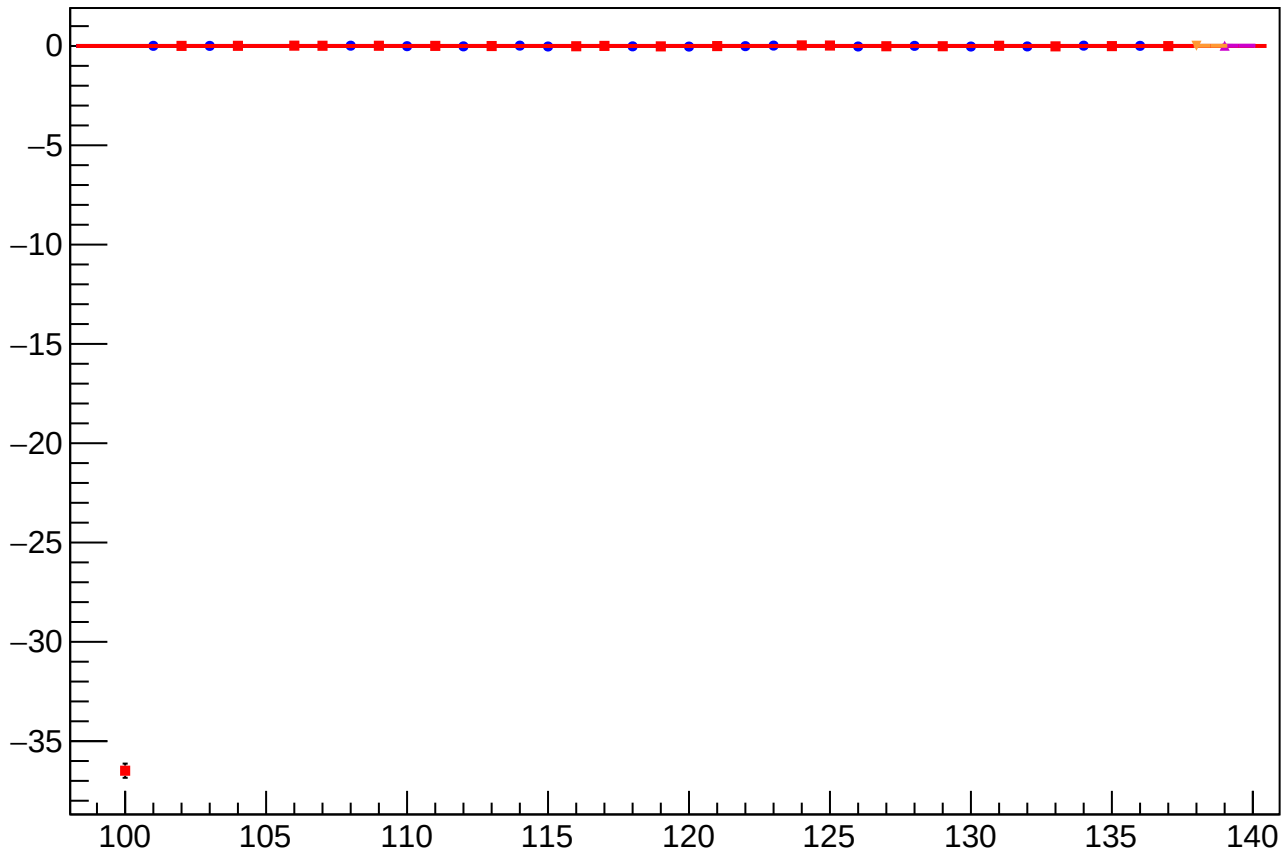
Right Out: 0.148 ± 0.045 $\chi^2/\text{NDF}: 18.3/19$

Left In: 0.124 ± 0.280 $\chi^2/\text{NDF}: 0.0/0$

0.023 ± 0.041 $\chi^2/\text{NDF}: 22.5/17$

0.147 ± 0.045 $\chi^2/\text{NDF}: 18.3/20$

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF : 32.4/16

Left Out: 0.012+/-0.005 χ^2/NDF : 0.0/0

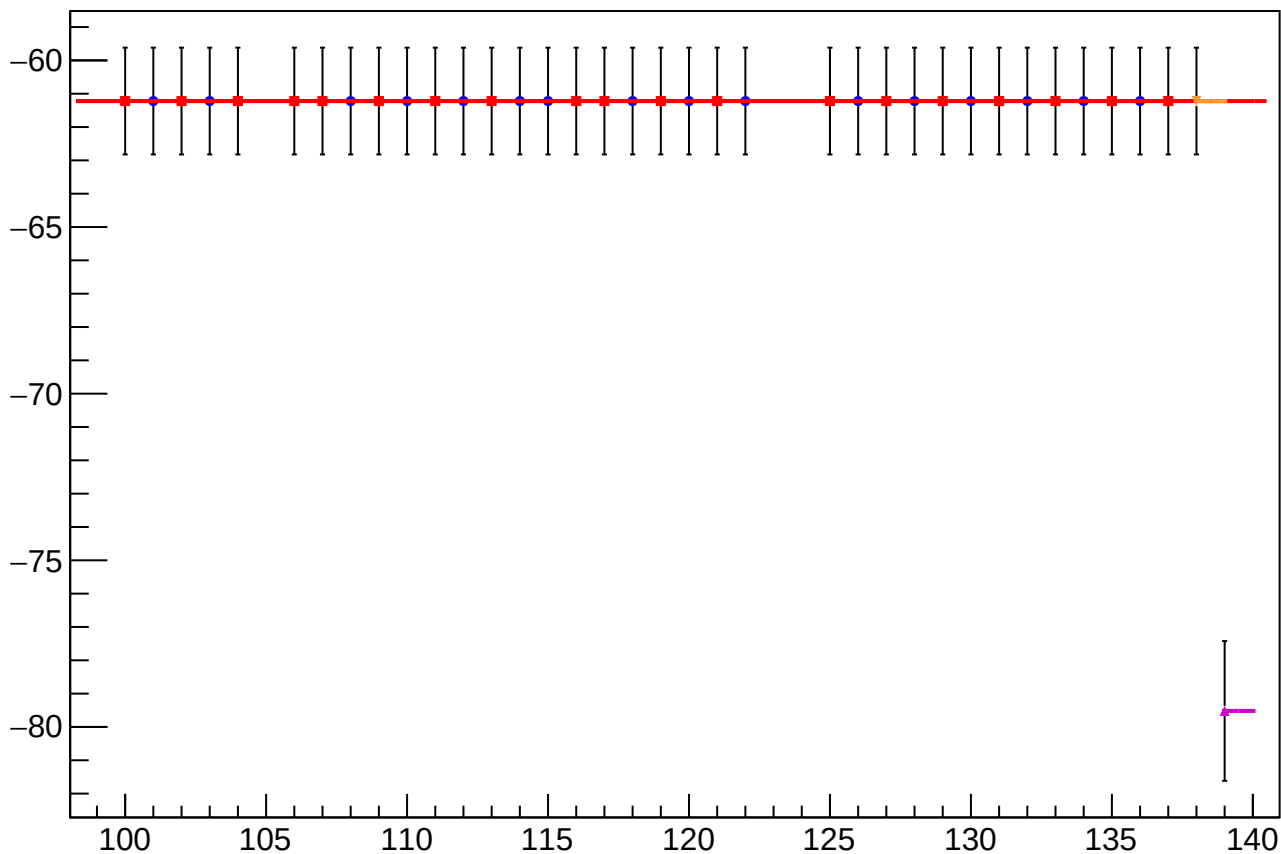
Right Out: 0.001+/-0.002 χ^2/NDF : 10449.1/19

Left In: 0.014+/-0.006 χ^2/NDF : 0.0/0

0.003+/-0.002 χ^2/NDF : 35.6/17

0.003+/-0.002 χ^2/NDF : 10453.4/20

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -61.220 $\pm$ 0.400 χ^2 /NDF: 0.0/15

Left Out: -61.220 $\pm$ 1.602 χ^2 /NDF: 0.0/0

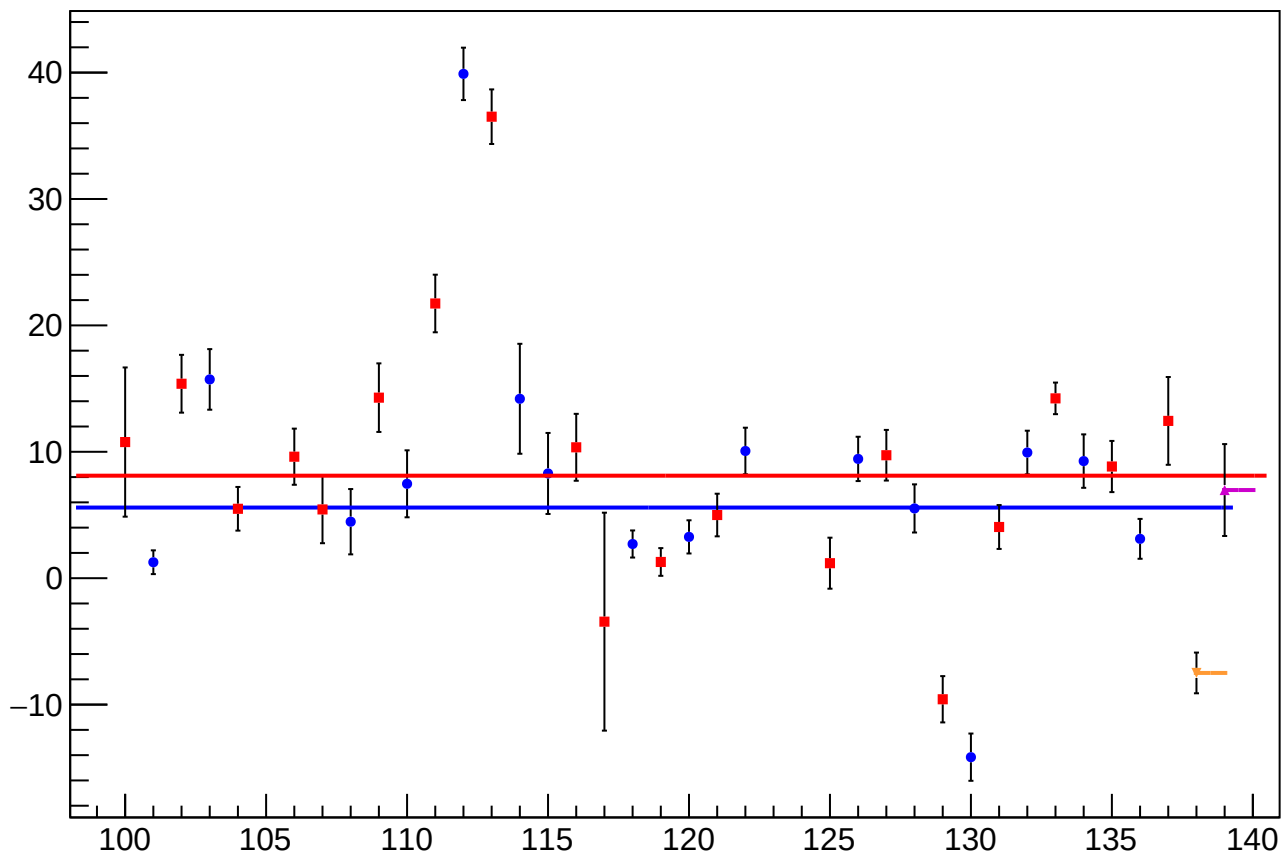
Right Out: -61.220 $\pm$ 0.368 χ^2 /NDF: 0.0/18

Left In: -79.519 $\pm$ 2.097 χ^2 /NDF: 0.0/0

-61.220 $\pm$ 0.389 χ^2 /NDF: 0.0/16

-61.766 $\pm$ 0.362 χ^2 /NDF: 73.9/19

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589+/-0.424 χ^2/NDF : 462.8/15

Left Out: -7.495+/-1.611 χ^2/NDF : 0.0/0

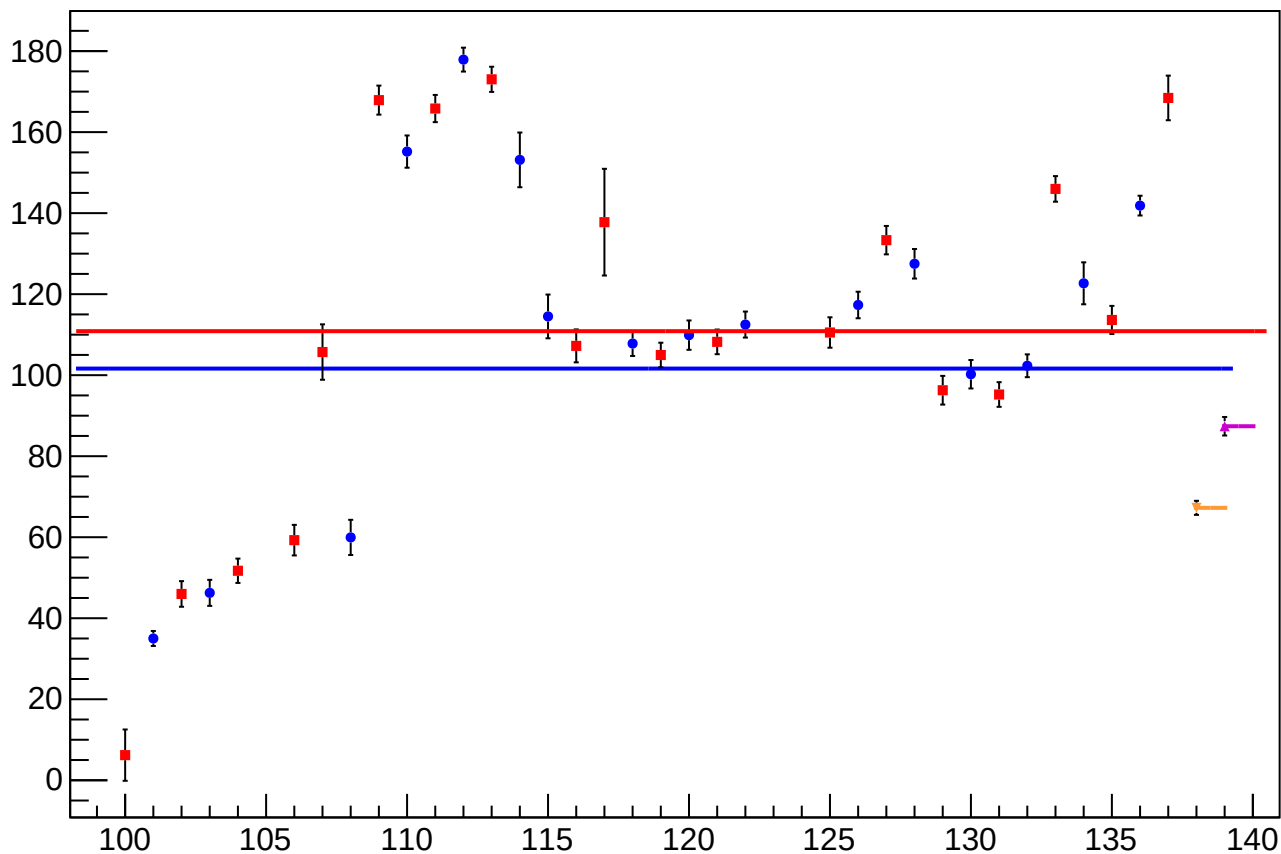
Right Out: 8.110+/-0.453 χ^2/NDF : 409.5/18

Left In: 6.974+/-3.635 χ^2/NDF : 0.0/0

4.743+/-0.410 χ^2/NDF : 524.5/16

8.093+/-0.450 χ^2/NDF : 409.6/19

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2 /NDF: 2978.9/15

Left Out: 67.251+/-1.737 χ^2 /NDF:0.0/0

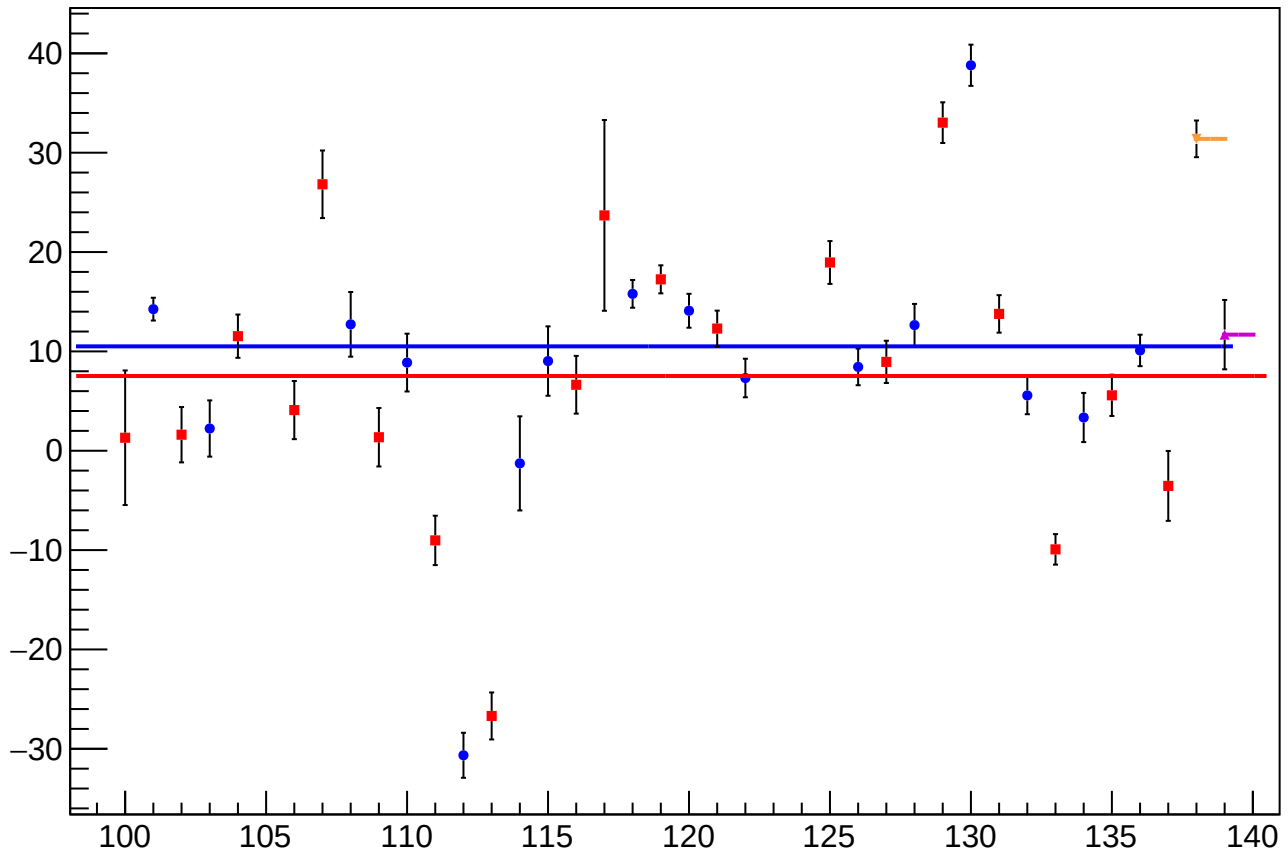
Right Out: 110.864+/-0.835 χ^2 /NDF: 2517.1/18

Left In: 87.395+/-2.286 χ^2 /NDF:0.0/0

95.527+/-0.732 χ^2 /NDF: 3301.2/16

108.105+/-0.784 χ^2 /NDF: 2610.1/19

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



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

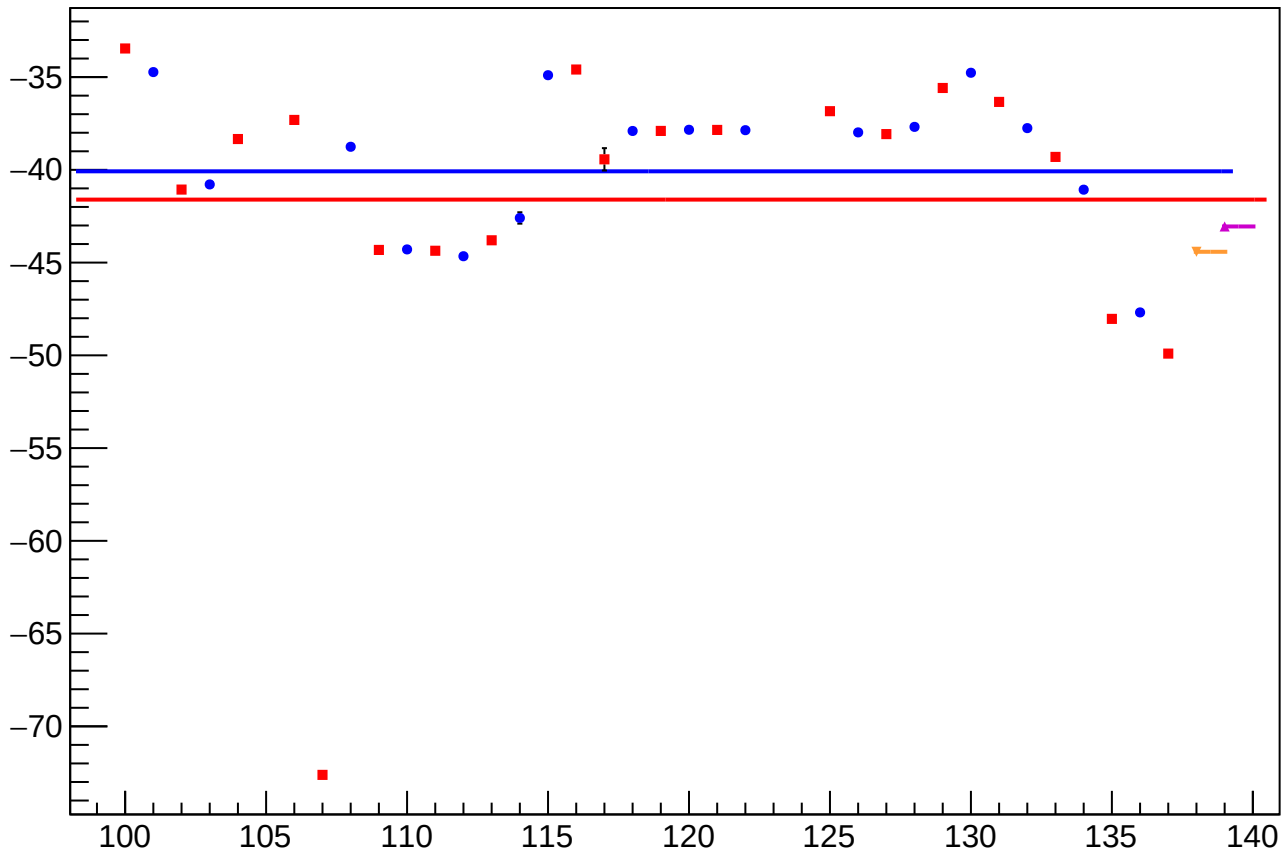
Right Out: 7.525 $\pm$ 0.523 χ^2/NDF : 692.2/18

Left In: 11.687 $\pm$ 3.491 χ^2/NDF : 0.0/0

11.894 $\pm$ 0.475 χ^2/NDF : 701.1/16

7.616 $\pm$ 0.517 χ^2/NDF : 693.6/19

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080+/-0.028 χ^2/NDF : 25123.9/15

Left Out: -44.418+/-0.069 χ^2/NDF : 0.0/0

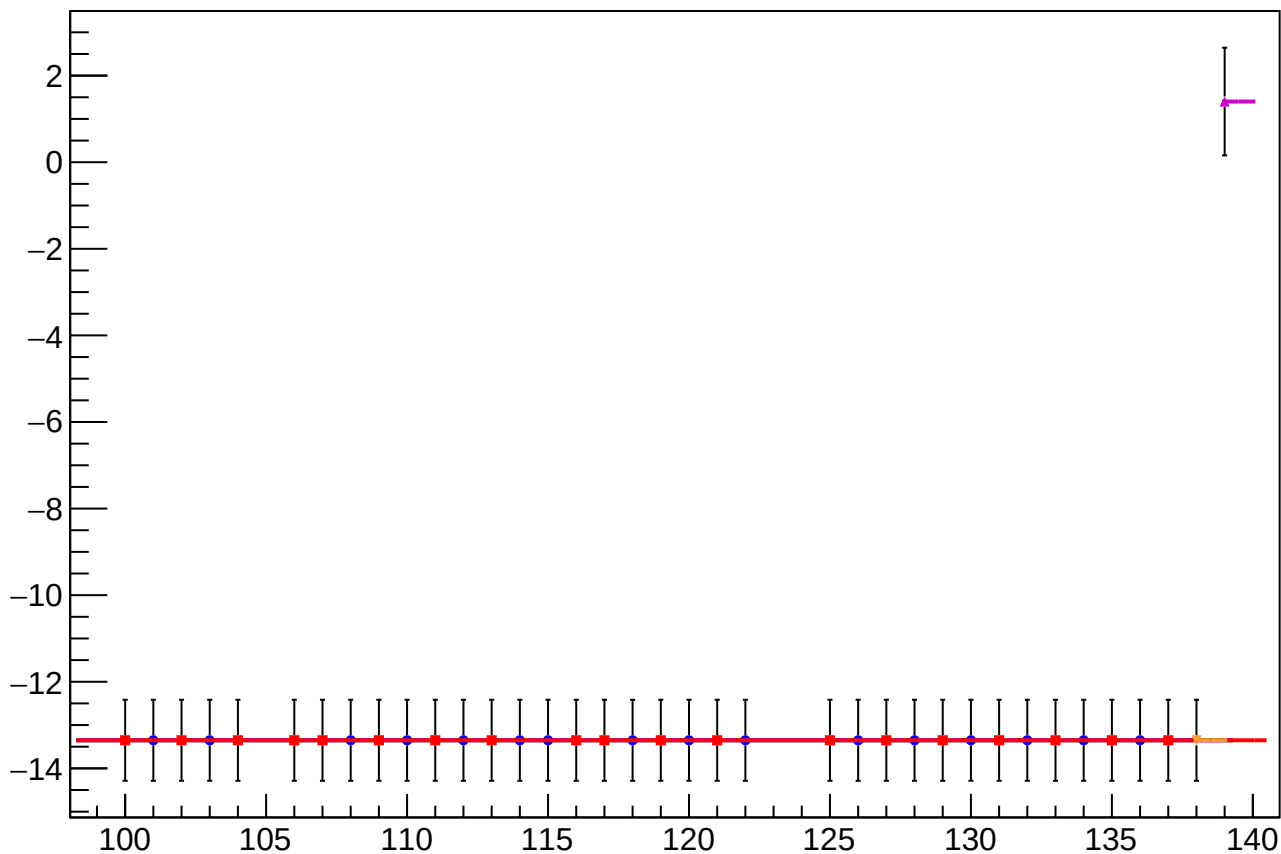
Right Out: -41.605+/-0.029 χ^2/NDF : 61797.6/18

Left In: -43.053+/-0.077 χ^2/NDF : 0.0/0

-40.705+/-0.026 χ^2/NDF : 28537.9/16

-41.781+/-0.027 χ^2/NDF : 62111.8/19

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

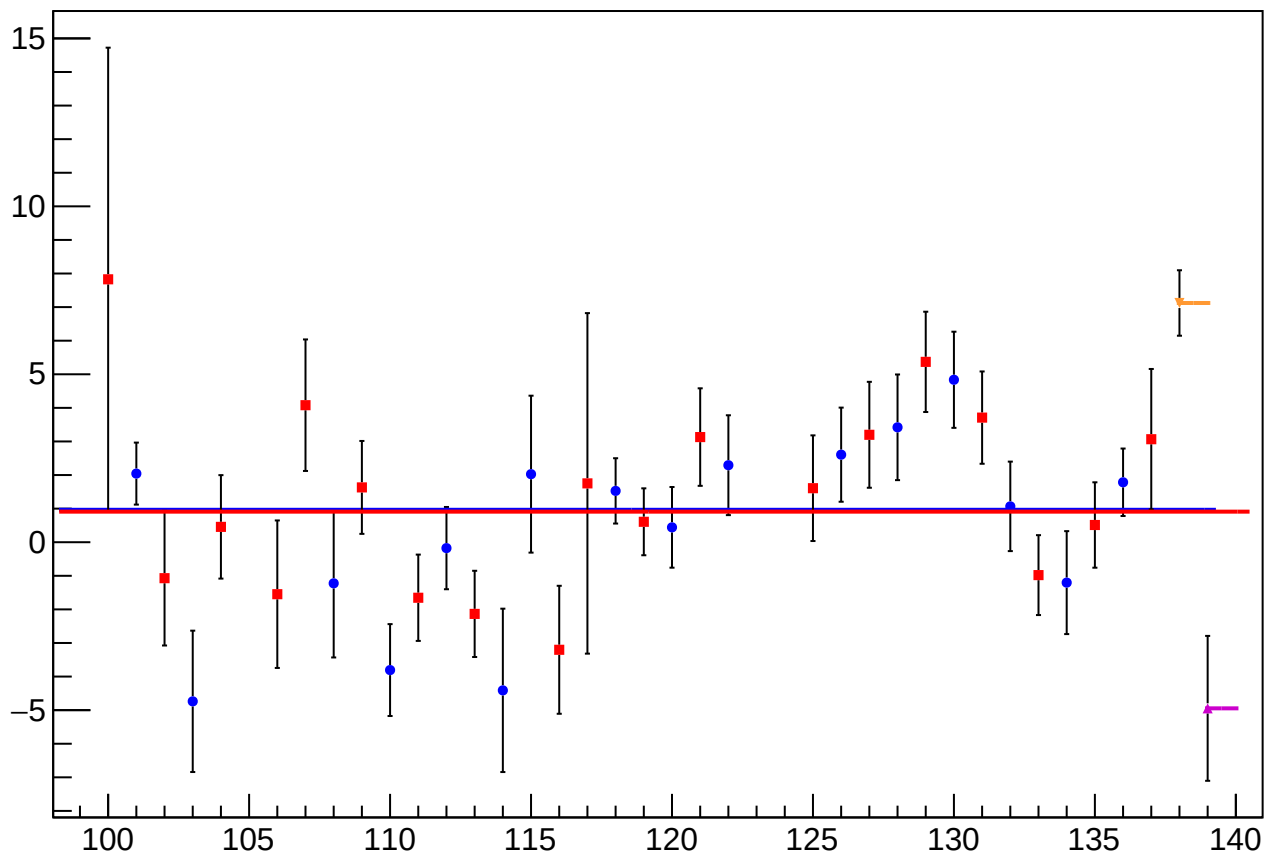
Right Out: -13.352 $\pm$ 0.215 χ^2 /NDF: 0.0/18

Left In: 1.401 $\pm$ 1.244 χ^2 /NDF: 0.0/0

-13.352 $\pm$ 0.227 χ^2 /NDF: 0.0/16

-12.925 $\pm$ 0.212 χ^2 /NDF: 136.5/19

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965+/-0.338 χ^2/NDF : 42.9/15

Left Out: 7.123+/-0.975 χ^2/NDF : 0.0/0

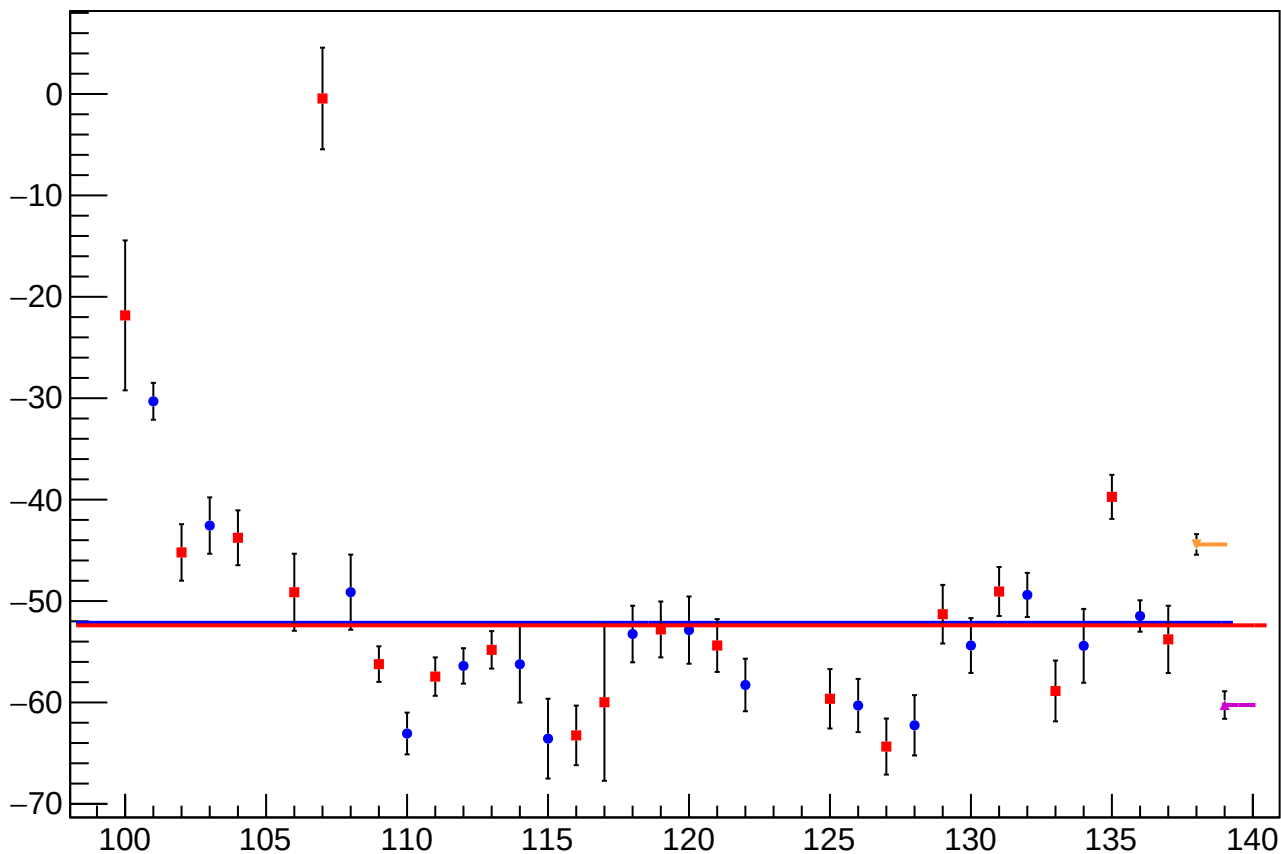
Right Out: 0.910+/-0.353 χ^2/NDF : 42.0/18

Left In: -4.946+/-2.157 χ^2/NDF : 0.0/0

1.627+/-0.319 χ^2/NDF : 78.6/16

0.758+/-0.348 χ^2/NDF : 49.2/19

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 $\pm$ 0.612 χ^2 /NDF: 230.2/15

Left Out: -44.419 $\pm$ 1.015 χ^2 /NDF: 0.0/0

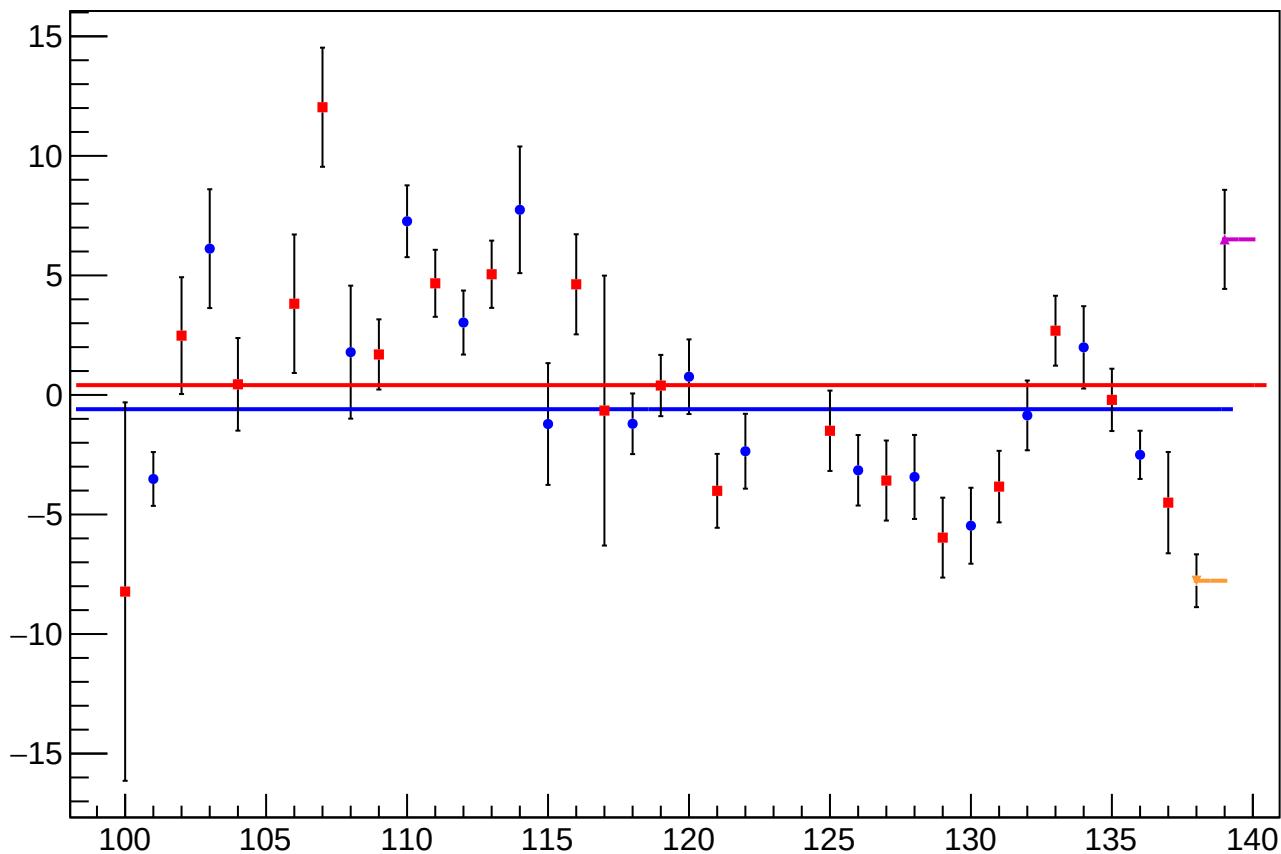
Right Out: -52.394 $\pm$ 0.614 χ^2 /NDF: 236.7/18

Left In: -60.252 $\pm$ 1.357 χ^2 /NDF: 0.0/0

-50.087 $\pm$ 0.524 χ^2 /NDF: 272.8/16

-53.729 $\pm$ 0.559 χ^2 /NDF: 264.5/19

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: -7.771 ± 1.105 χ^2/NDF : 0.0/0

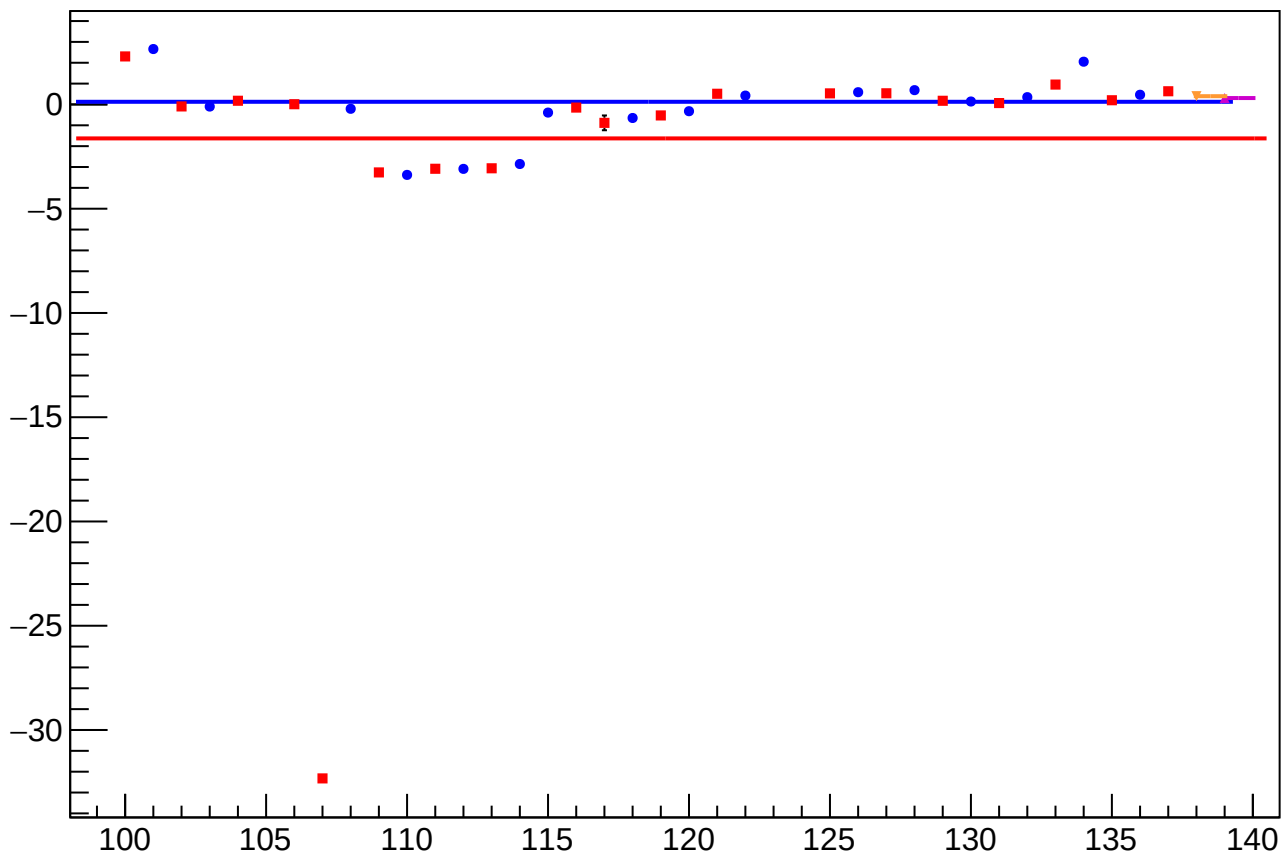
Right Out: 0.411 ± 0.399 χ^2/NDF : 95.8/18

Left In: 6.507 ± 2.072 χ^2/NDF : 0.0/0

-1.368 ± 0.363 χ^2/NDF : 120.2/16

0.628 ± 0.392 χ^2/NDF : 104.2/19

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 $\pm$ 0.021 χ^2 /NDF: 5252.9/15

Left Out: 0.397 $\pm$ 0.040 χ^2 /NDF: 0.0/0

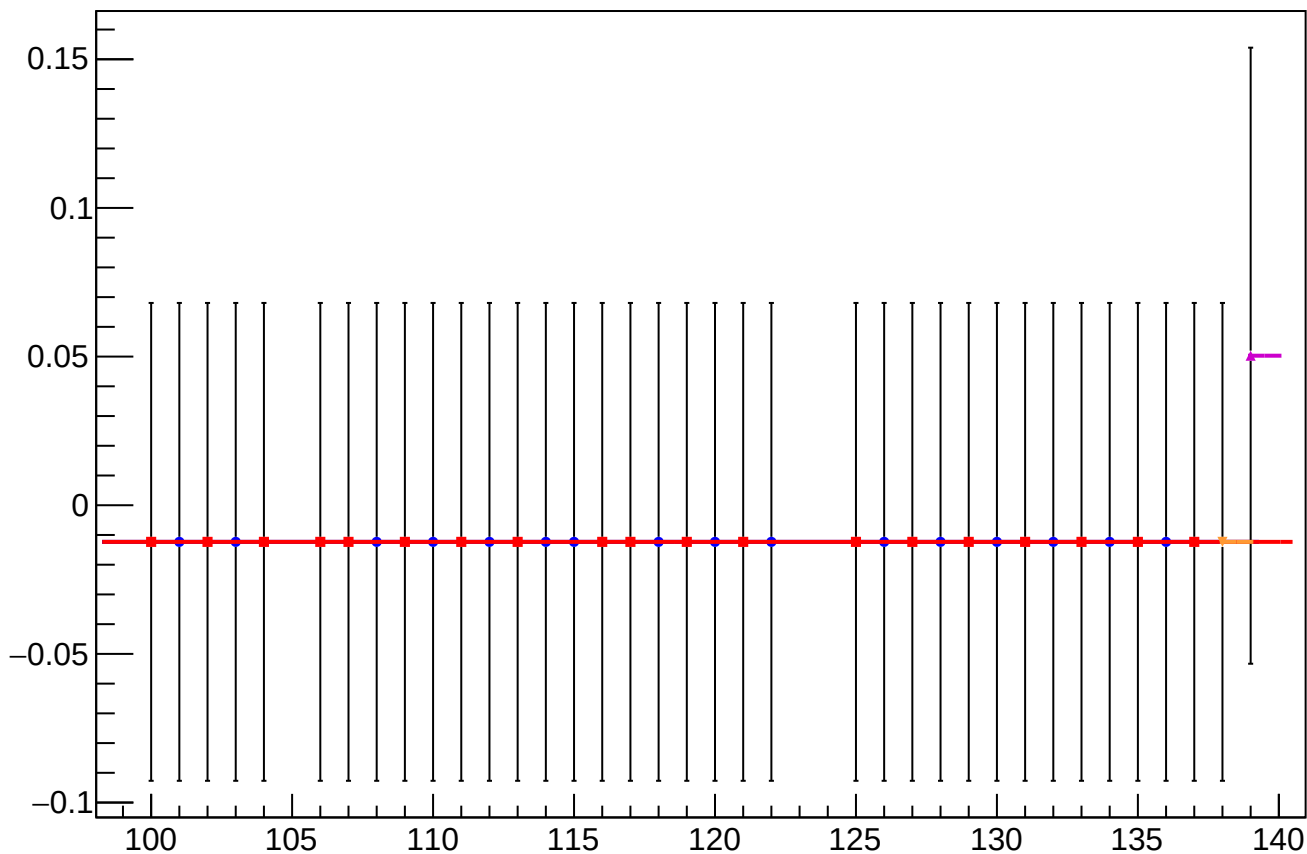
Right Out: -1.628 $\pm$ 0.022 χ^2 /NDF: 77883.0/18

Left In: 0.307 $\pm$ 0.045 χ^2 /NDF: 0.0/0

0.189 $\pm$ 0.019 χ^2 /NDF: 5288.3/16

-1.267 $\pm$ 0.020 χ^2 /NDF: 79361.6/19

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: -0.012 ± 0.020 χ^2/NDF : 0.0/15

Left Out: -0.012 ± 0.080 χ^2/NDF : 0.0/0

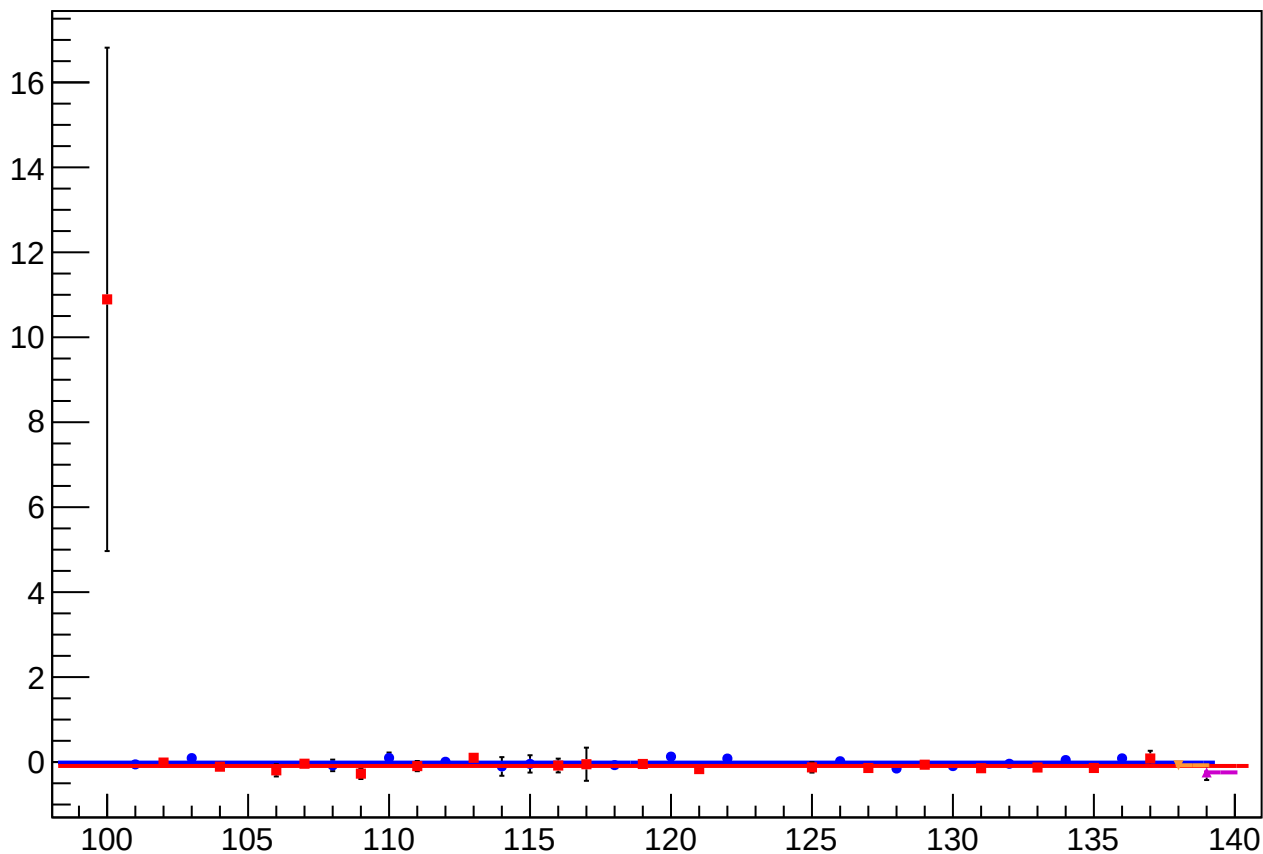
Right Out: -0.012 ± 0.018 χ^2/NDF : 0.0/18

Left In: 0.050 ± 0.104 χ^2/NDF : 0.0/0

-0.012 ± 0.019 χ^2/NDF : 0.0/16

-0.010 ± 0.018 χ^2/NDF : 0.4/19

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.076 ± 0.086 χ^2/NDF : 0.0/0

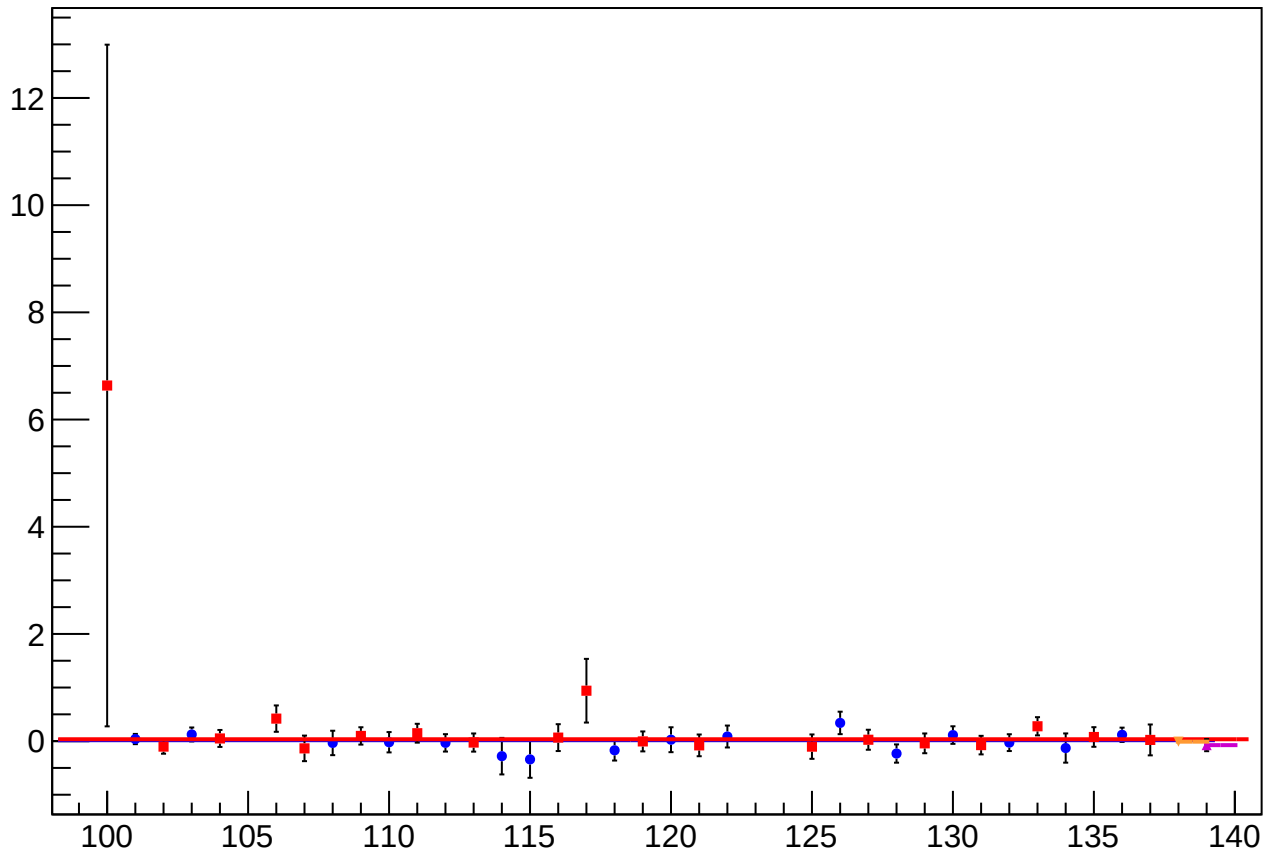
Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/18

Left In: -0.243 ± 0.180 χ^2/NDF : 0.0/0

-0.017 ± 0.022 χ^2/NDF : 12.7/16

-0.095 ± 0.025 χ^2/NDF : 13.4/19

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF : 9.6/15

Left Out: -0.010+/-0.087 χ^2/NDF : 0.0/0

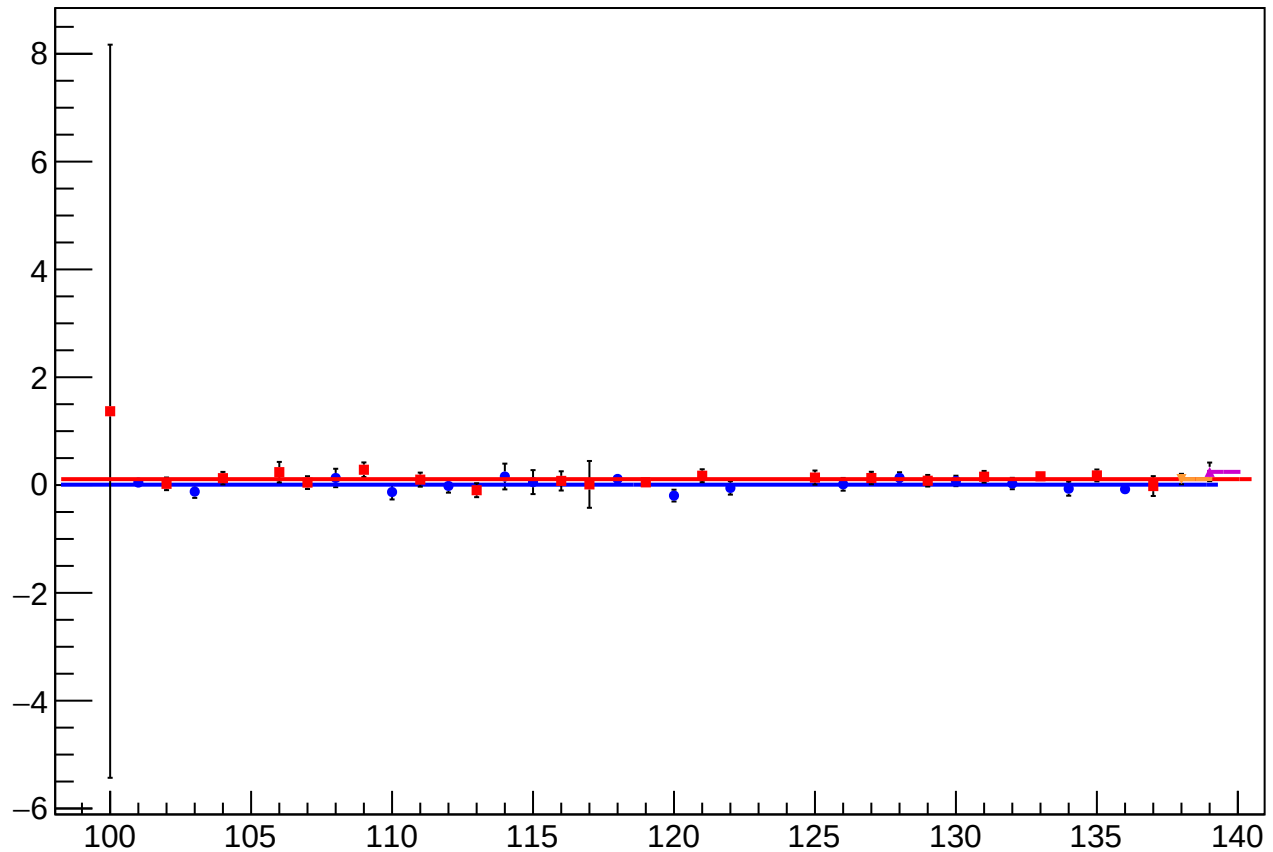
Right Out: 0.035+/-0.045 χ^2/NDF : 11.5/18

Left In: -0.075+/-0.113 χ^2/NDF : 0.0/0

0.012+/-0.038 χ^2/NDF : 9.7/16

0.020+/-0.042 χ^2/NDF : 12.4/19

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.111 ± 0.097 χ^2/NDF : 0.0/0

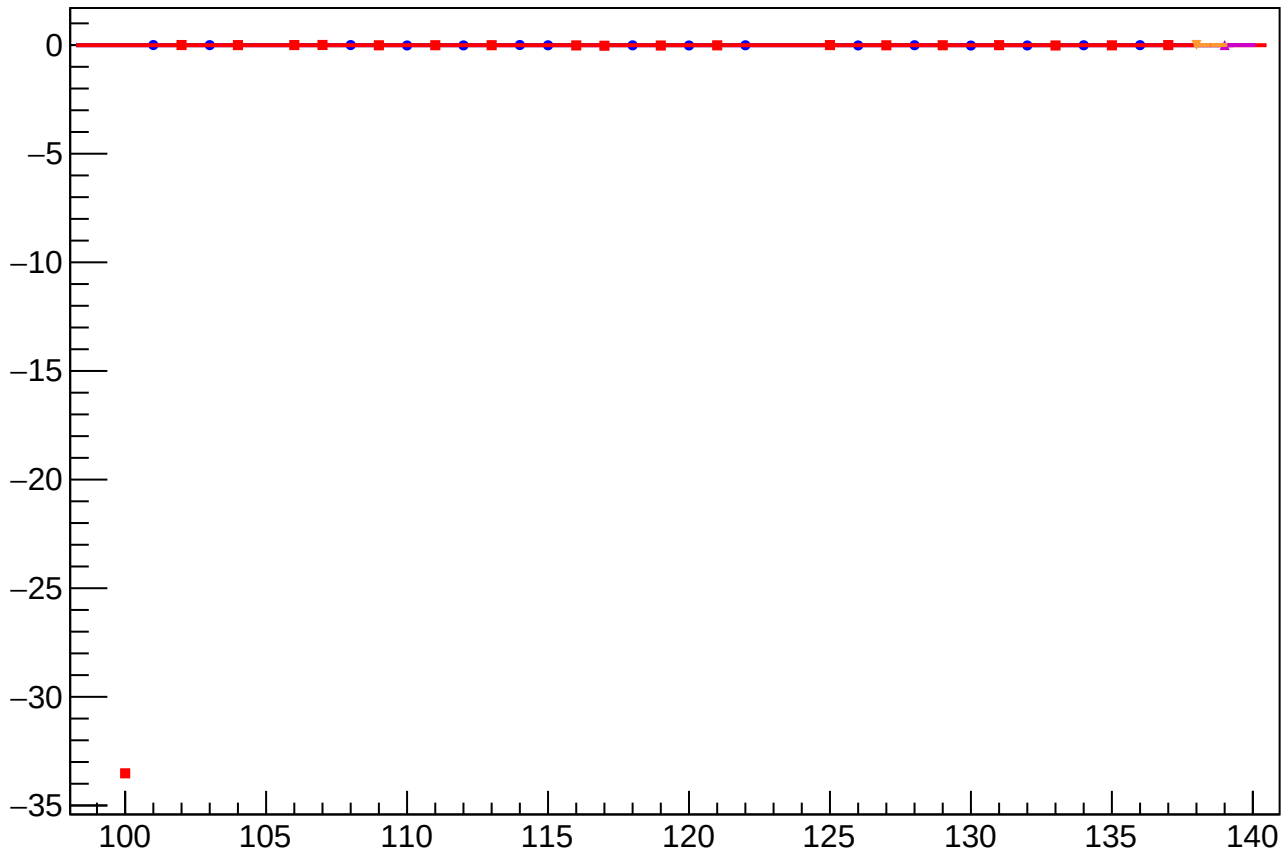
Right Out: 0.109 ± 0.029 χ^2/NDF : 8.0/18

Left In: 0.245 ± 0.172 χ^2/NDF : 0.0/0

0.014 ± 0.026 χ^2/NDF : 13.2/16

0.113 ± 0.028 χ^2/NDF : 8.6/19

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 22.6/15

Left Out: 0.005 ± 0.003 χ^2/NDF : 0.0/0

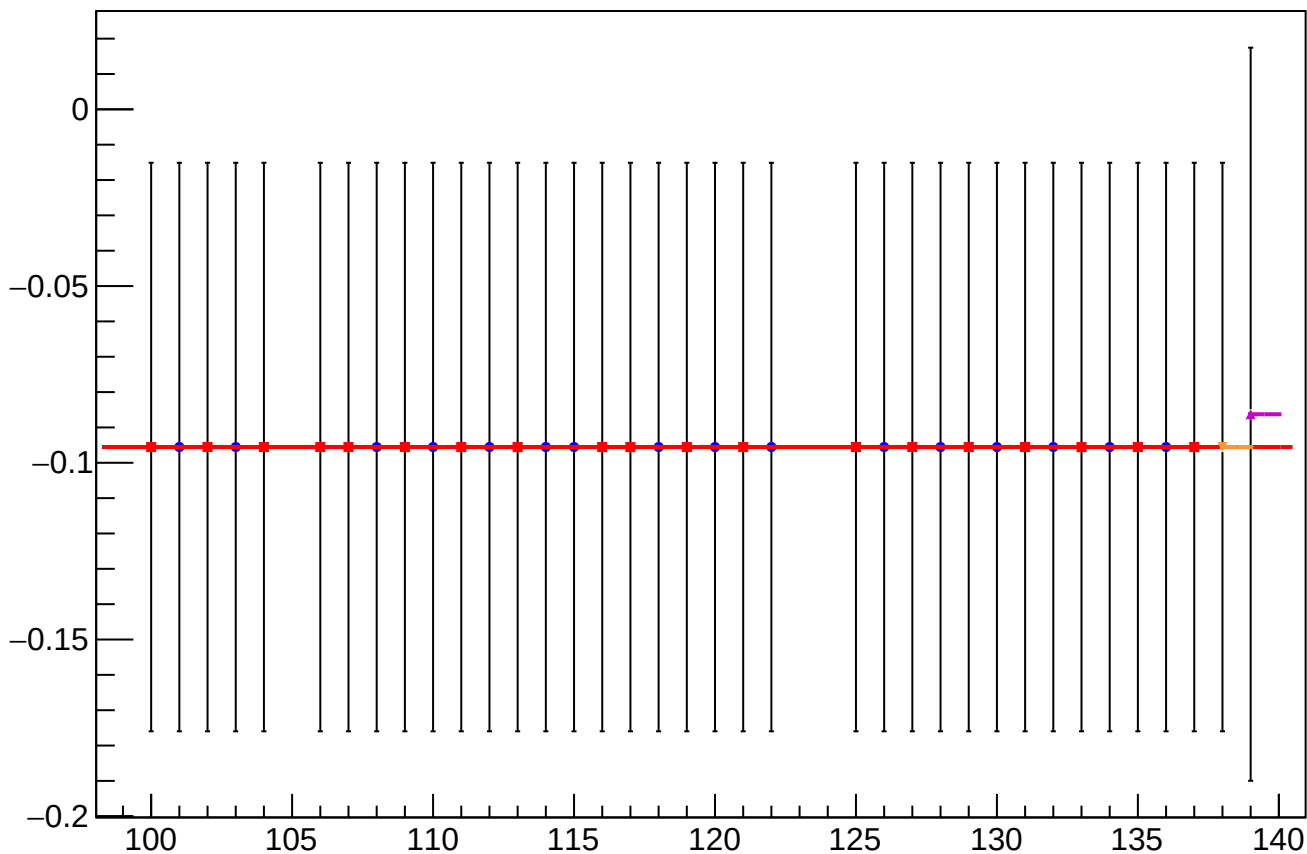
Right Out: -0.006 ± 0.001 χ^2/NDF : 26509.7/18

Left In: 0.002 ± 0.004 χ^2/NDF : 0.0/0

-0.004 ± 0.001 χ^2/NDF : 30.6/16

-0.005 ± 0.001 χ^2/NDF : 26513.2/19

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.096 ± 0.020 χ^2/NDF : 0.0/15

Left Out: -0.096 ± 0.080 χ^2/NDF : 0.0/0

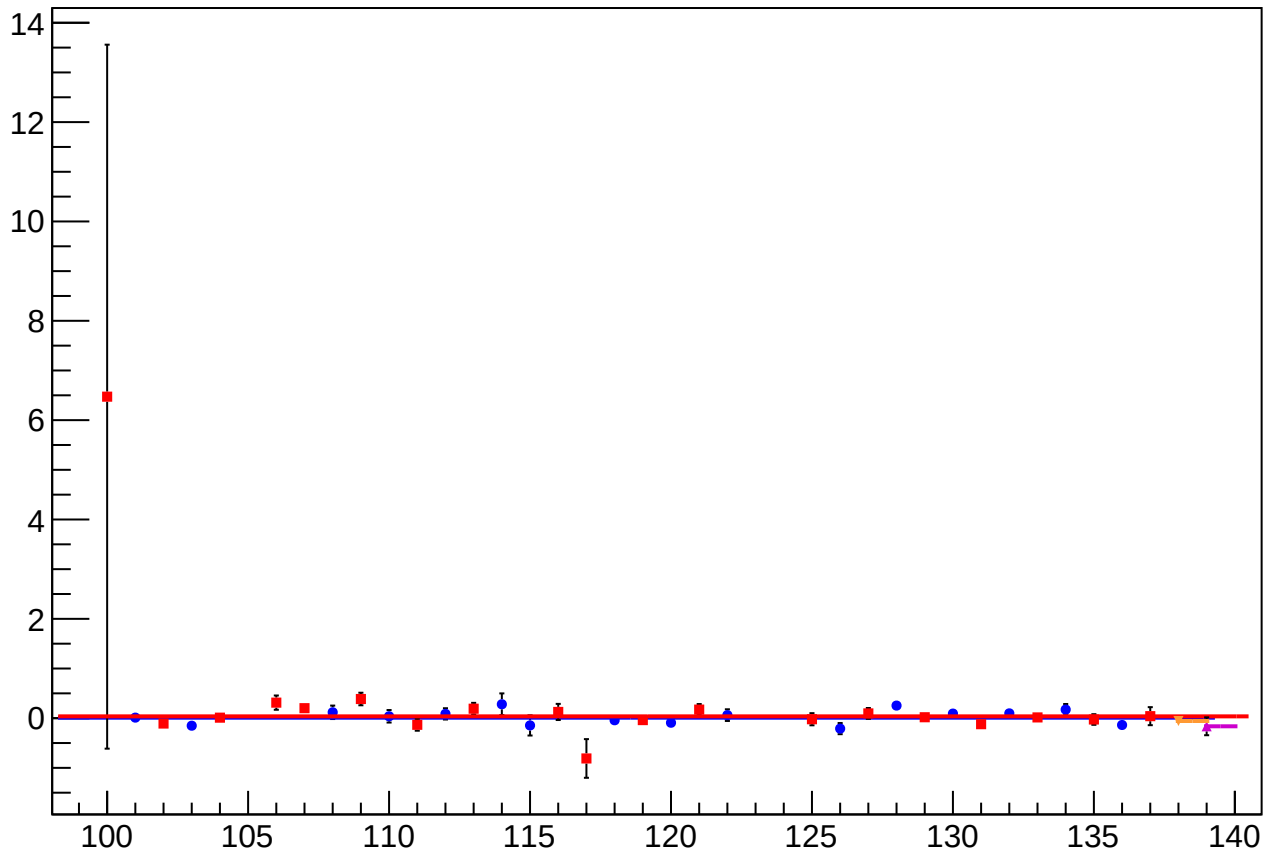
Right Out: -0.096 ± 0.018 χ^2/NDF : 0.0/18

Left In: -0.086 ± 0.104 χ^2/NDF : 0.0/0

-0.096 ± 0.020 χ^2/NDF : 0.0/16

-0.095 ± 0.018 χ^2/NDF : 0.0/19

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



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

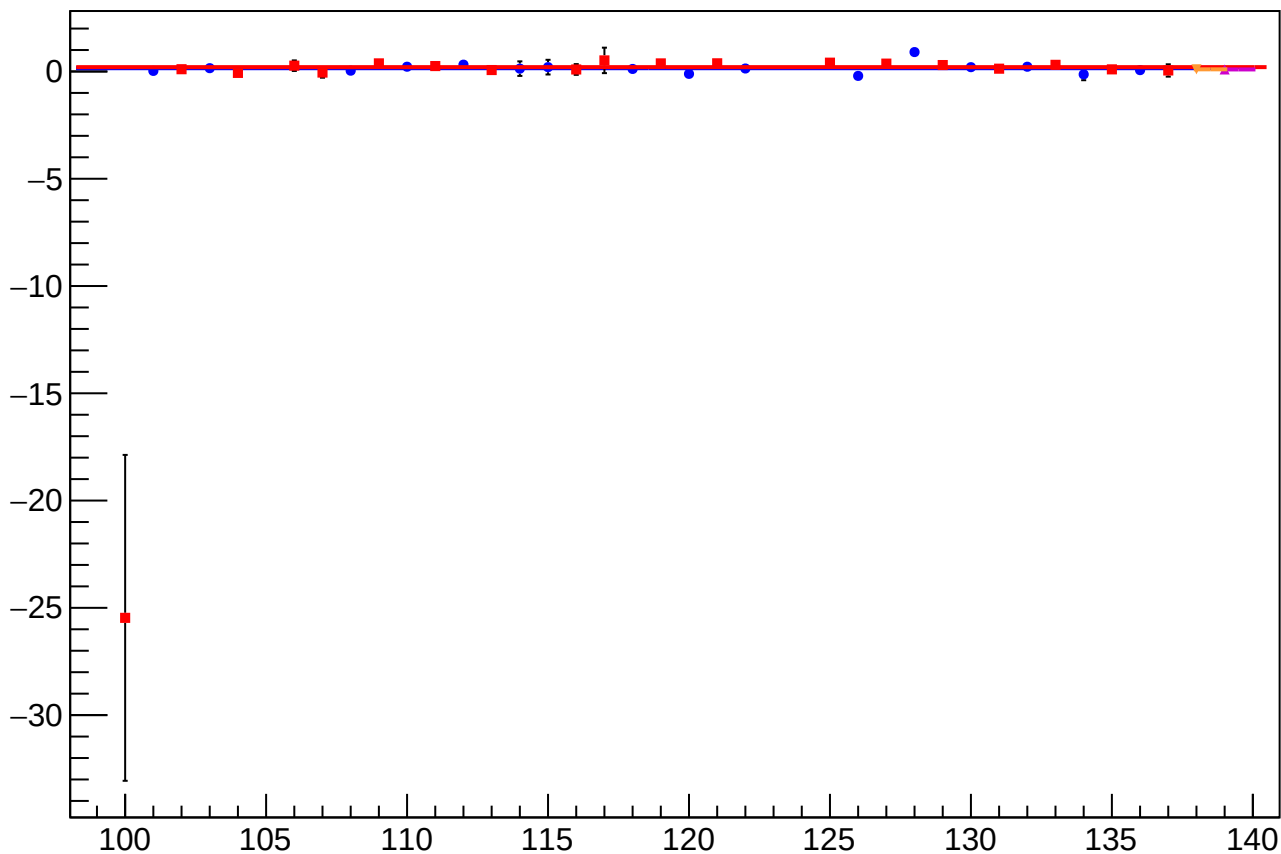
Right Out: 0.037 $\pm$ 0.025 χ^2 /NDF: 32.7/18

Left In: -0.163 $\pm$ 0.180 χ^2 /NDF: 0.0/0

0.006 $\pm$ 0.022 χ^2 /NDF: 26.0/16

0.033 $\pm$ 0.024 χ^2 /NDF: 33.9/19

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF : 28.7/15

Left Out: 0.100+/-0.087 χ^2/NDF : 0.0/0

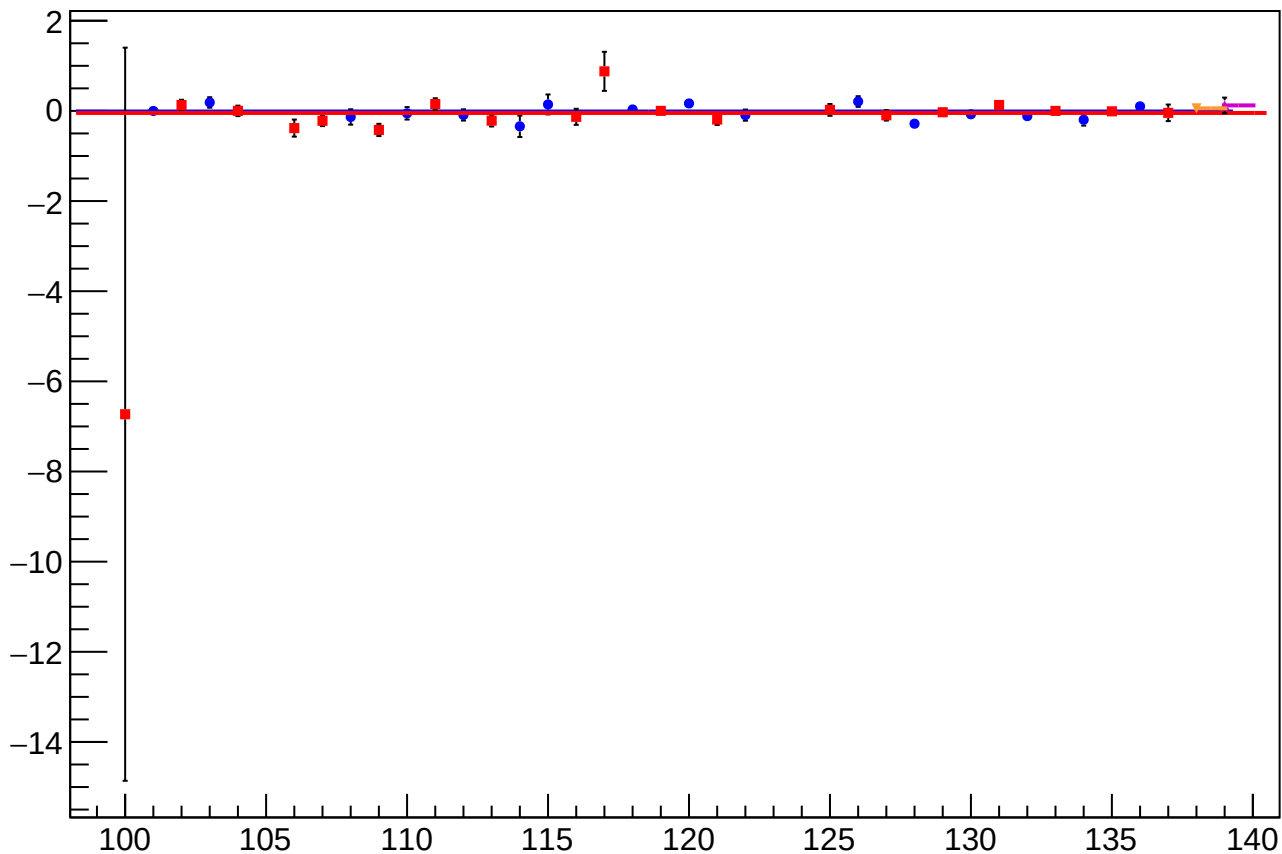
Right Out: 0.202+/-0.045 χ^2/NDF : 23.2/18

Left In: 0.094+/-0.113 χ^2/NDF : 0.0/0

0.142+/-0.038 χ^2/NDF : 29.0/16

0.188+/-0.042 χ^2/NDF : 23.9/19

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.057 ± 0.097 χ^2/NDF : 0.0/0

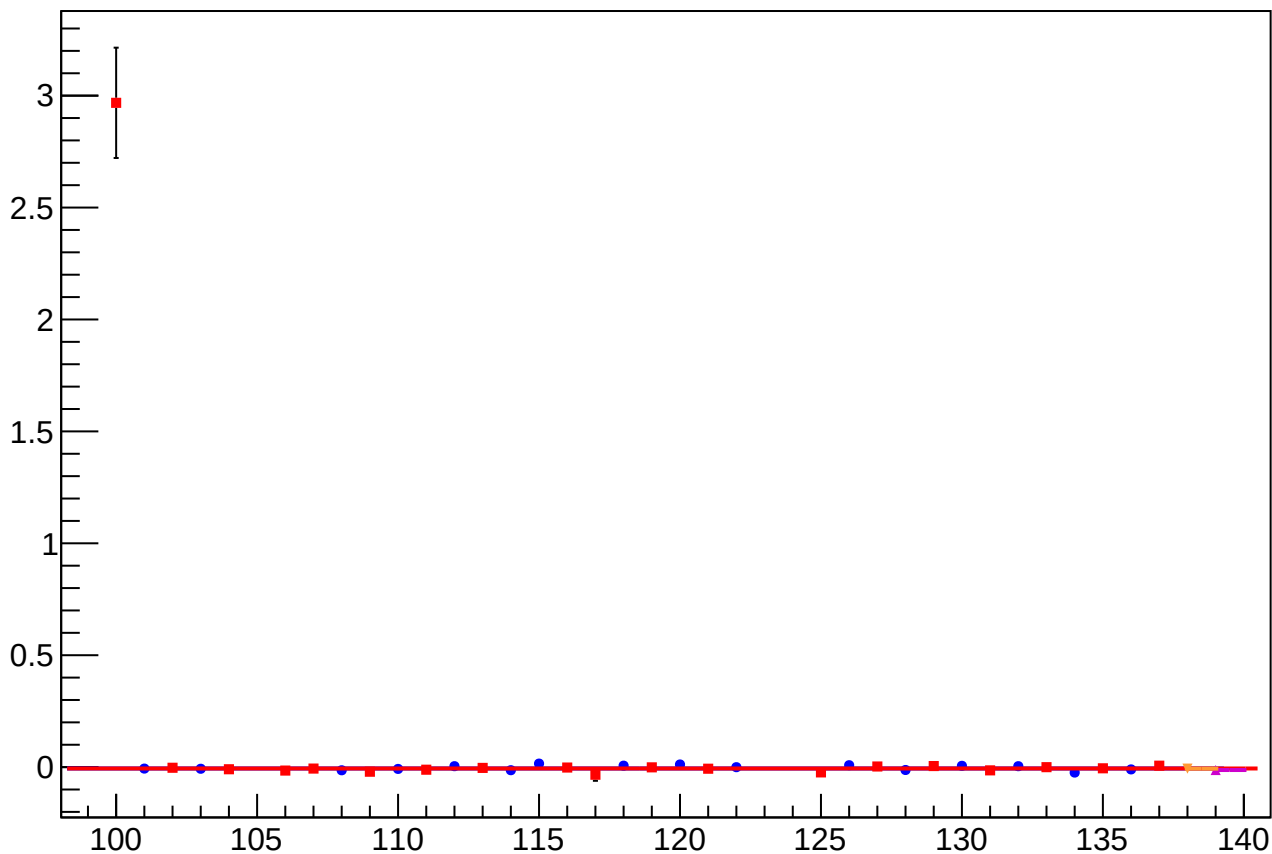
Right Out: -0.046 ± 0.029 χ^2/NDF : 30.3/18

Left In: 0.122 ± 0.173 χ^2/NDF : 0.0/0

-0.009 ± 0.026 χ^2/NDF : 25.6/16

-0.041 ± 0.028 χ^2/NDF : 31.2/19

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.007 ± 0.003 χ^2/NDF : 0.0/0

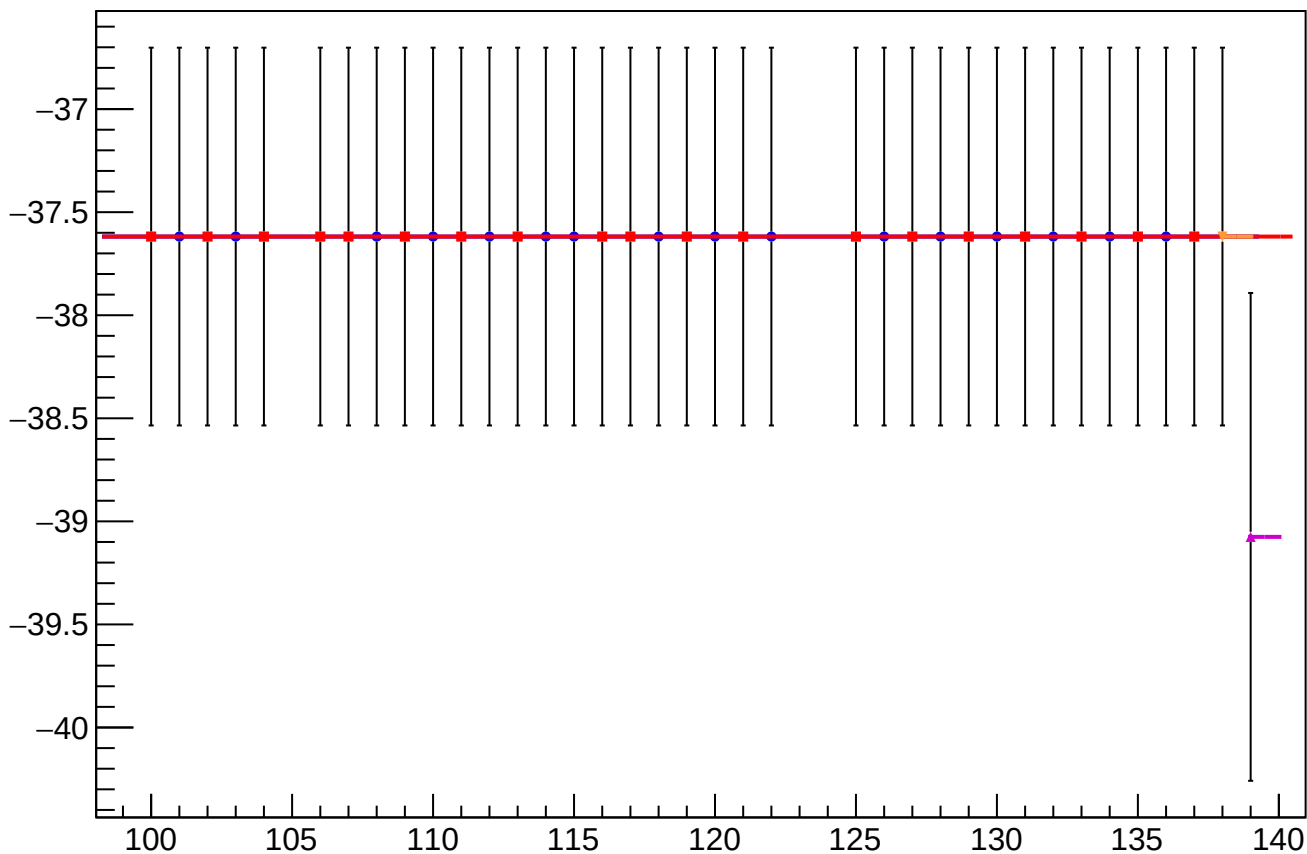
Right Out: -0.006 ± 0.001 χ^2/NDF : 166.9/18

Left In: -0.013 ± 0.004 χ^2/NDF : 0.0/0

-0.006 ± 0.001 χ^2/NDF : 29.0/16

-0.007 ± 0.001 χ^2/NDF : 169.8/19

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -37.618 $\pm$ 0.229 χ^2 /NDF: 0.0/15

Left Out: -37.618 $\pm$ 0.916 χ^2 /NDF: 0.0/0

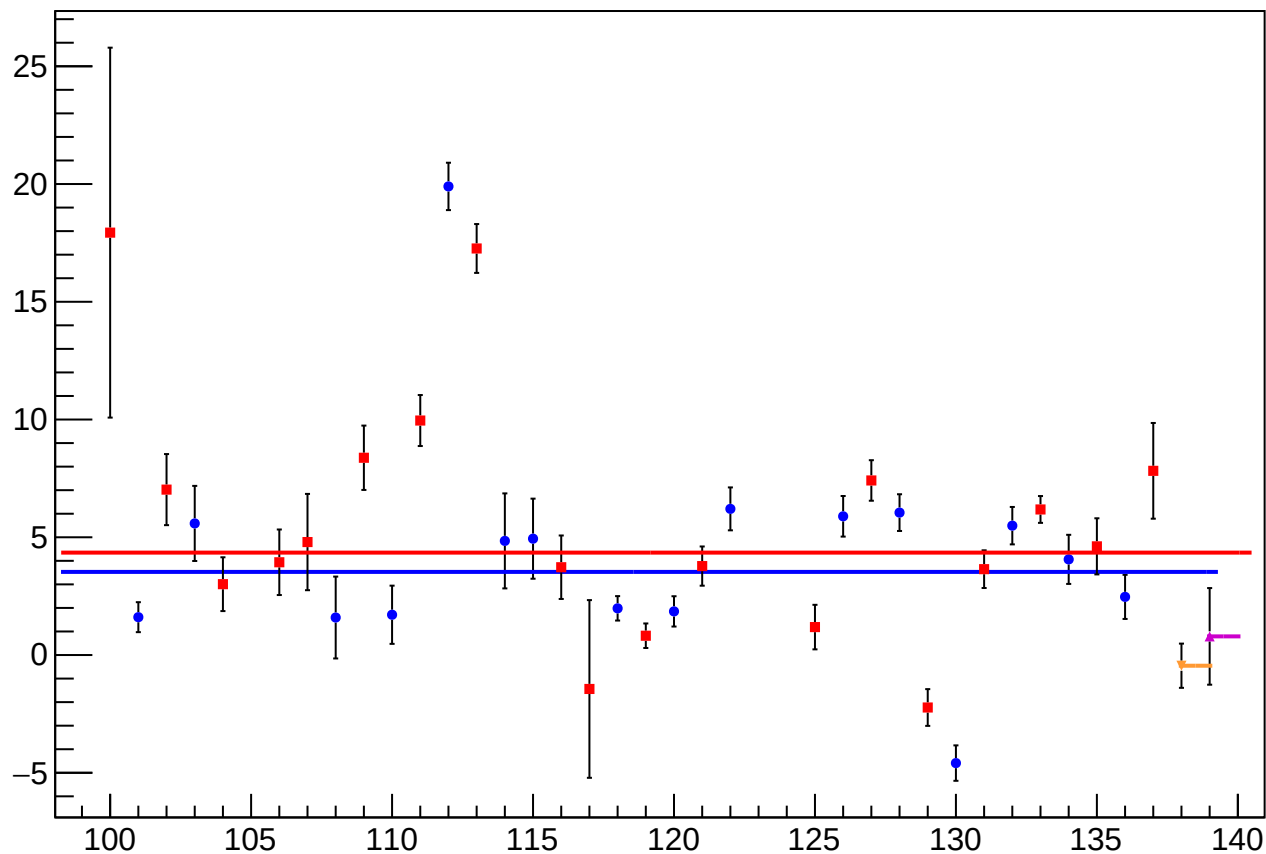
Right Out: -37.618 $\pm$ 0.210 χ^2 /NDF: 0.0/18

Left In: -39.075 $\pm$ 1.183 χ^2 /NDF: 0.0/0

-37.618 $\pm$ 0.222 χ^2 /NDF: 0.0/16

-37.663 $\pm$ 0.207 χ^2 /NDF: 1.5/19

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: -0.454 ± 0.939 $\chi^2/\text{NDF}: 0.0/0$

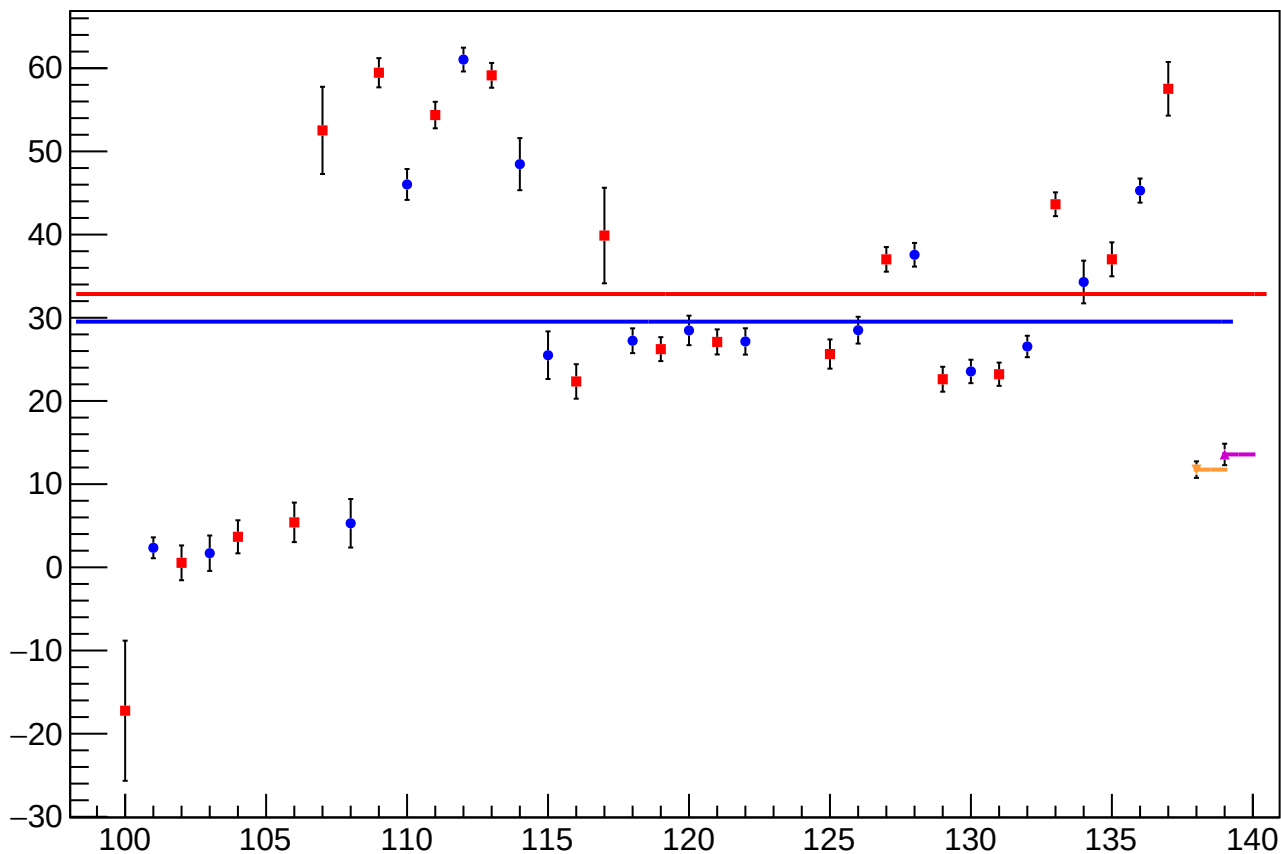
Right Out: 4.349 ± 0.225 $\chi^2/\text{NDF}: 356.2/18$

Left In: 0.792 ± 2.052 $\chi^2/\text{NDF}: 0.0/0$

3.327 ± 0.212 $\chi^2/\text{NDF}: 463.7/16$

4.307 ± 0.224 $\chi^2/\text{NDF}: 359.2/19$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 $\chi^2/\text{NDF}: 1494.9/15$

Left Out: 11.746 ± 0.994 $\chi^2/\text{NDF}: 0.0/0$

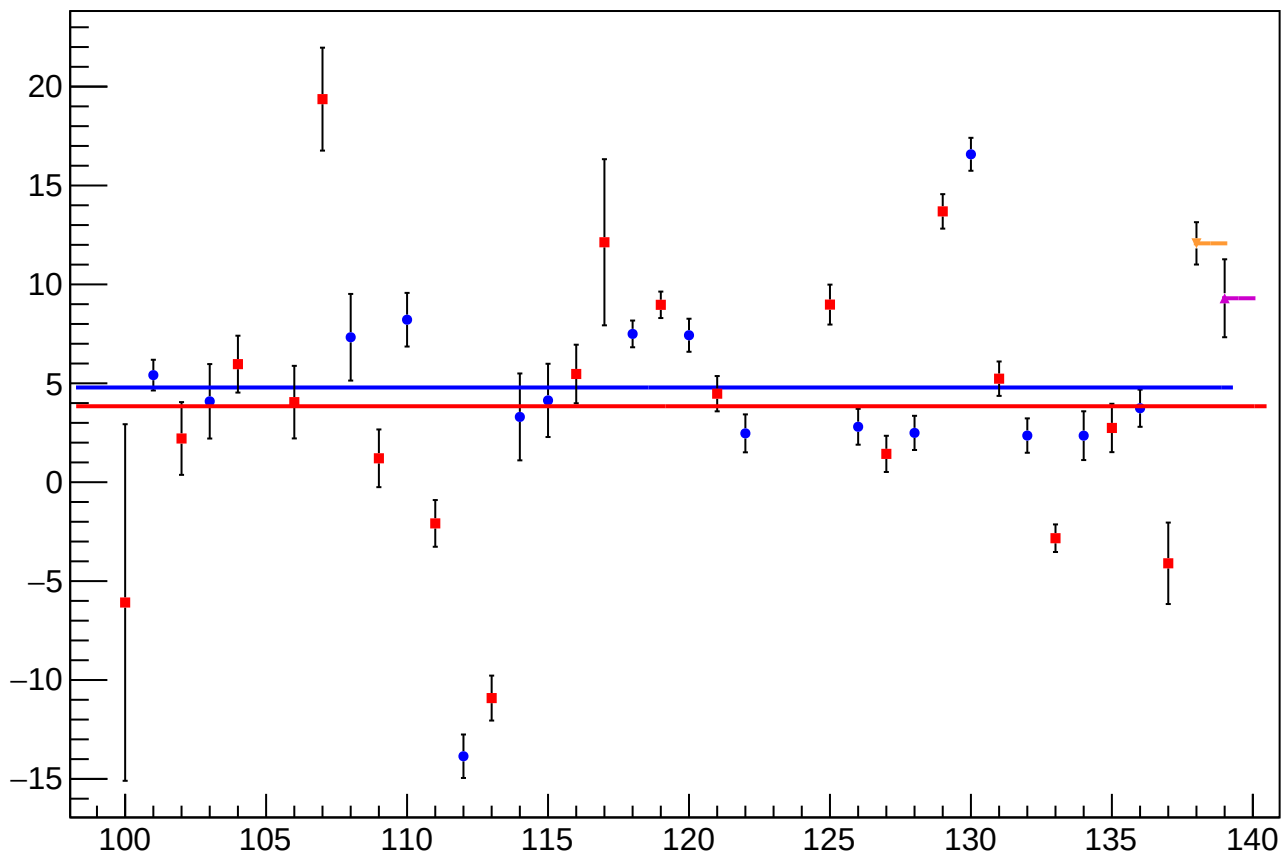
Right Out: 32.854 ± 0.422 $\chi^2/\text{NDF}: 1660.8/18$

Left In: 13.571 ± 1.290 $\chi^2/\text{NDF}: 0.0/0$

26.874 ± 0.384 $\chi^2/\text{NDF}: 1767.4/16$

30.993 ± 0.401 $\chi^2/\text{NDF}: 1862.6/19$

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 12.075 ± 1.070 χ^2/NDF : 0.0/0

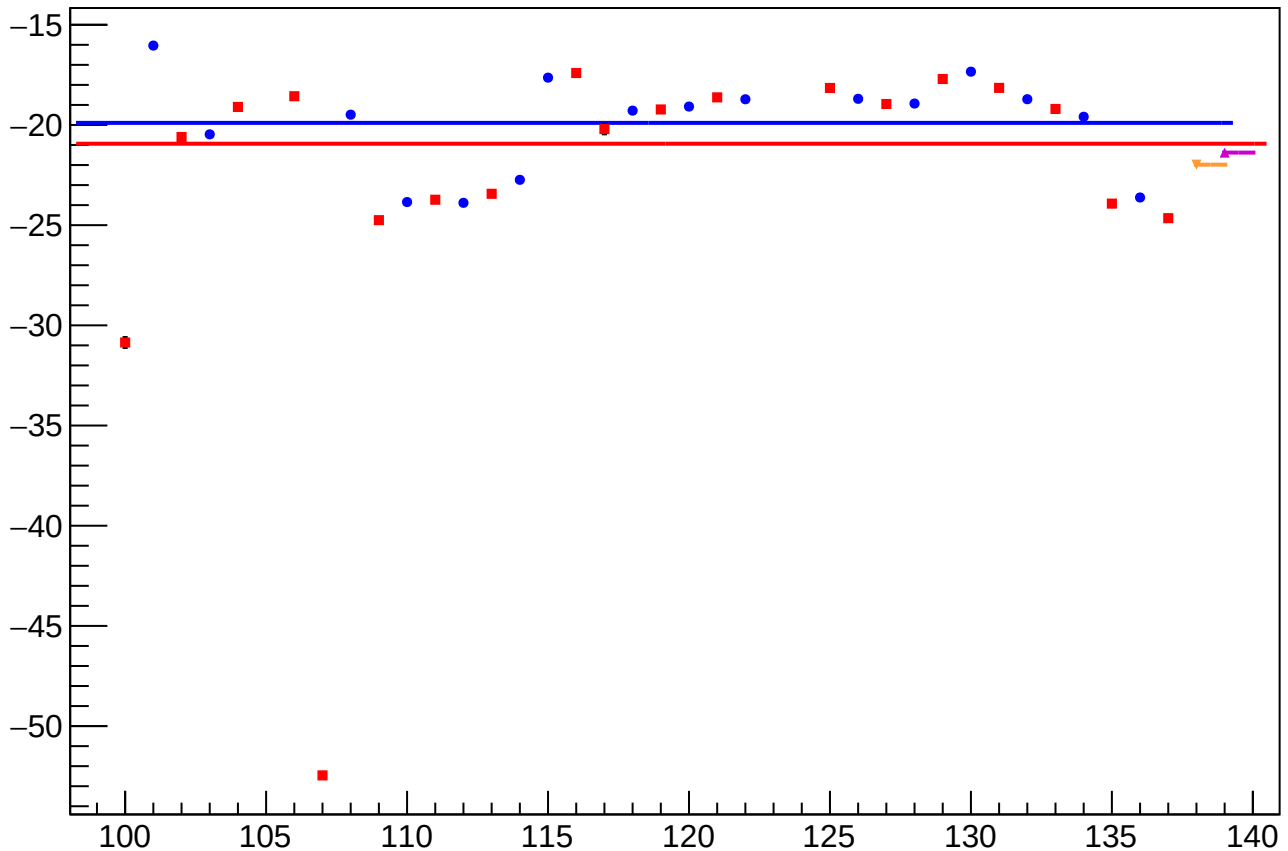
Right Out: 3.840 ± 0.258 χ^2/NDF : 571.5/18

Left In: 9.299 ± 1.970 χ^2/NDF : 0.0/0

5.169 ± 0.245 χ^2/NDF : 597.9/16

3.933 ± 0.256 χ^2/NDF : 579.1/19

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF : 26073.6/15

Left Out: -21.981+/-0.039 χ^2/NDF : 0.0/0

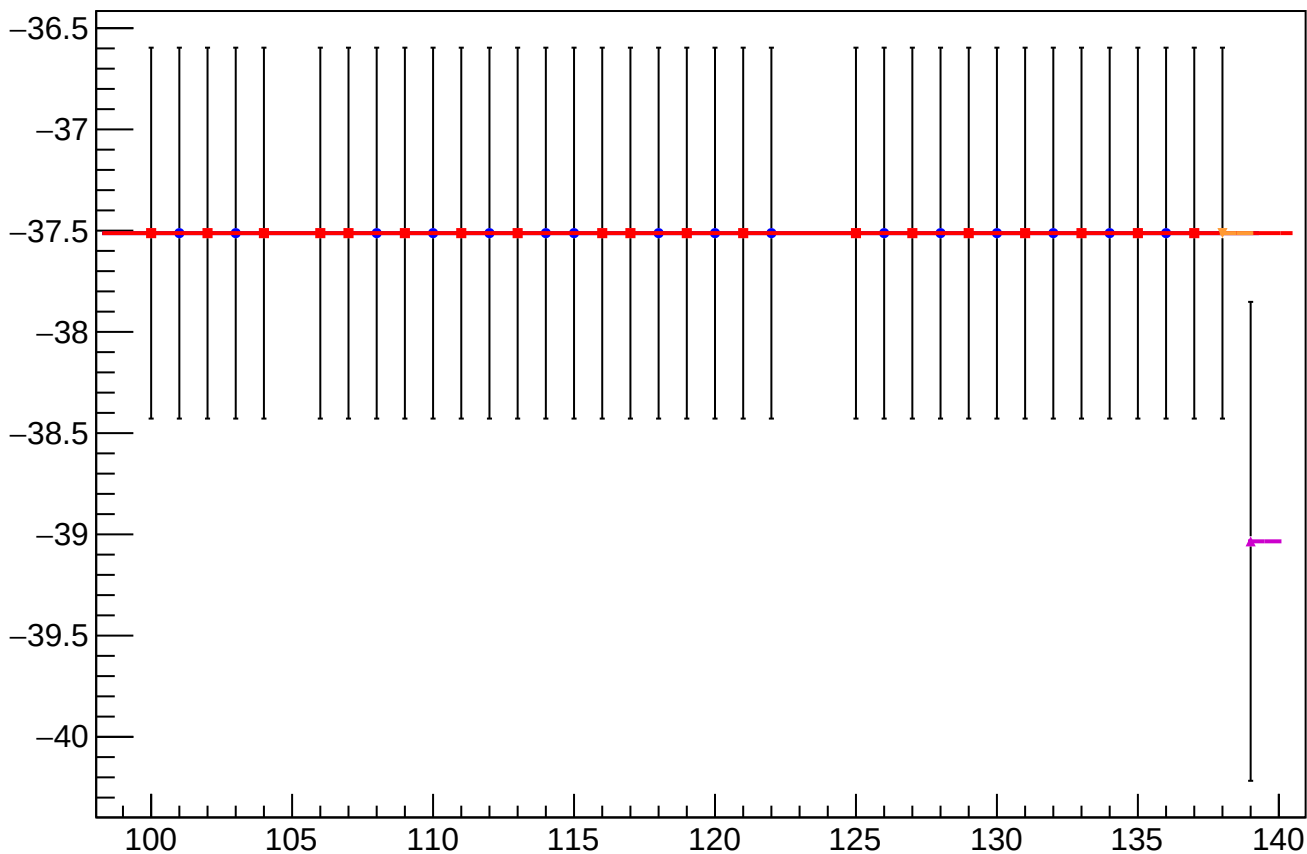
-20.181+/-0.014 χ^2/NDF : 28529.9/16

Right Out: -20.936+/-0.016 χ^2/NDF : 94073.0/18

-20.987+/-0.015 χ^2/NDF : 94165.7/19

Left In: -21.379+/-0.043 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

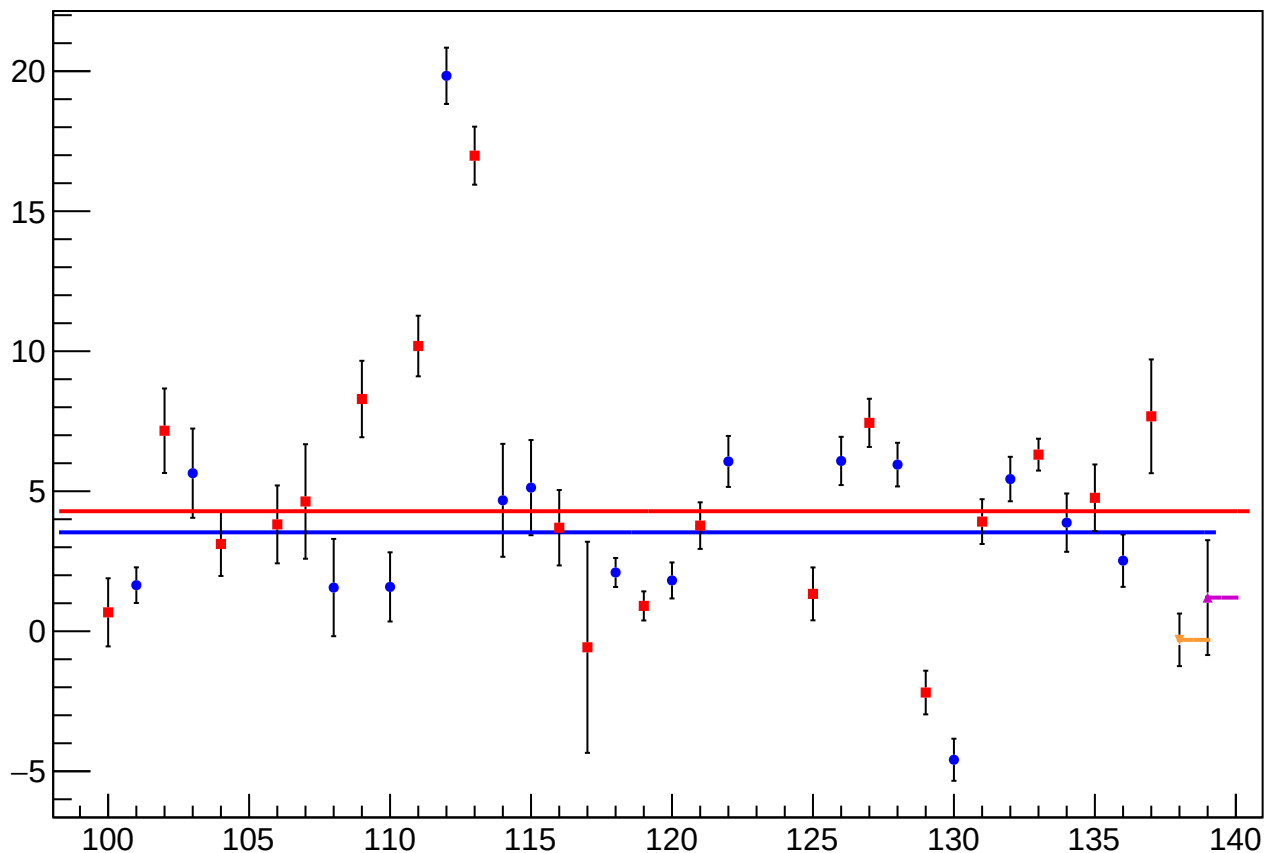
Right Out: -37.512 $\pm$ 0.210 χ^2 /NDF: 0.0/18

Left In: -39.034 $\pm$ 1.183 χ^2 /NDF: 0.0/0

-37.512 $\pm$ 0.222 χ^2 /NDF: 0.0/16

-37.559 $\pm$ 0.207 χ^2 /NDF: 1.6/19

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: -0.307 ± 0.939 $\chi^2/\text{NDF}: 0.0/0$

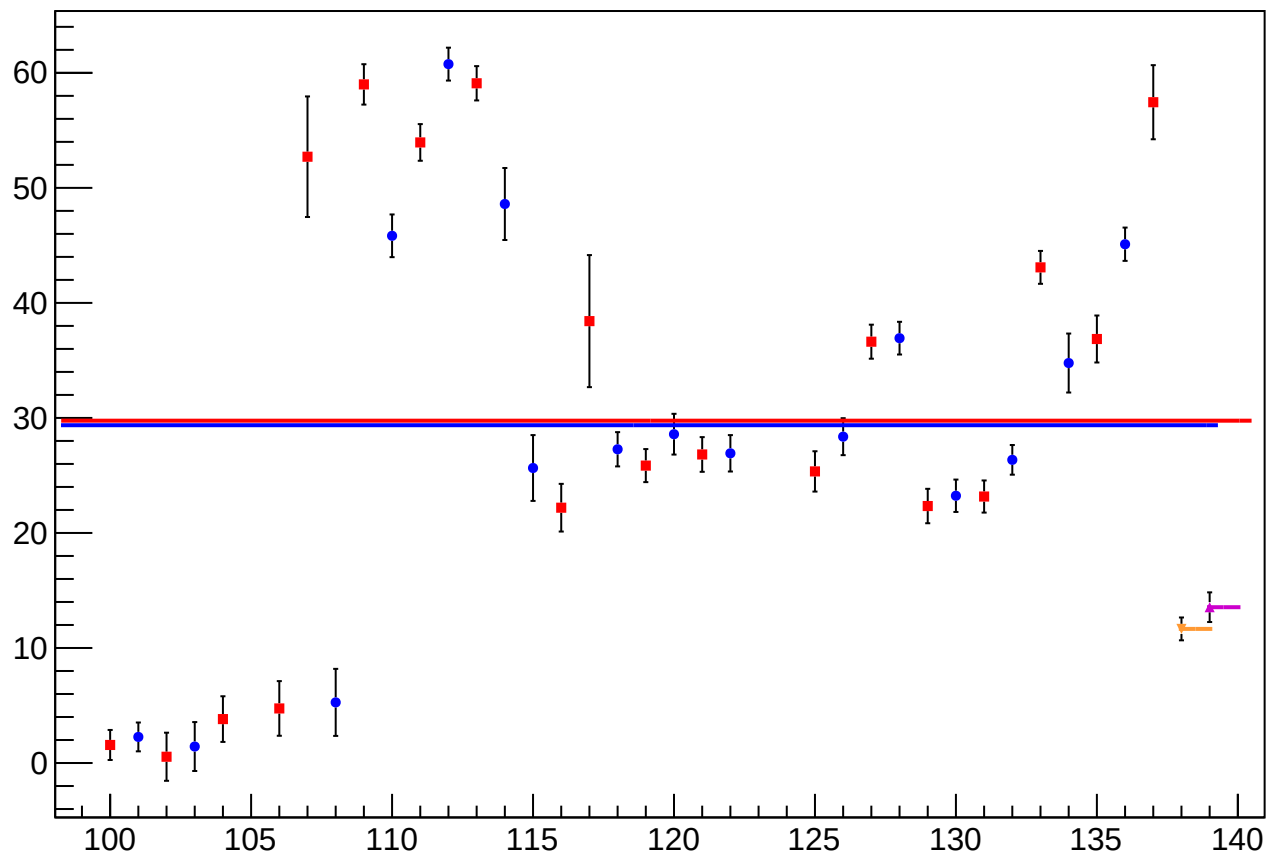
Right Out: 4.286 ± 0.221 $\chi^2/\text{NDF}: 354.5/18$

Left In: 1.202 ± 2.050 $\chi^2/\text{NDF}: 0.0/0$

3.337 ± 0.212 $\chi^2/\text{NDF}: 459.1/16$

4.251 ± 0.220 $\chi^2/\text{NDF}: 356.7/19$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 11.659 $\pm$ 0.993 χ^2 /NDF: 0.0/0

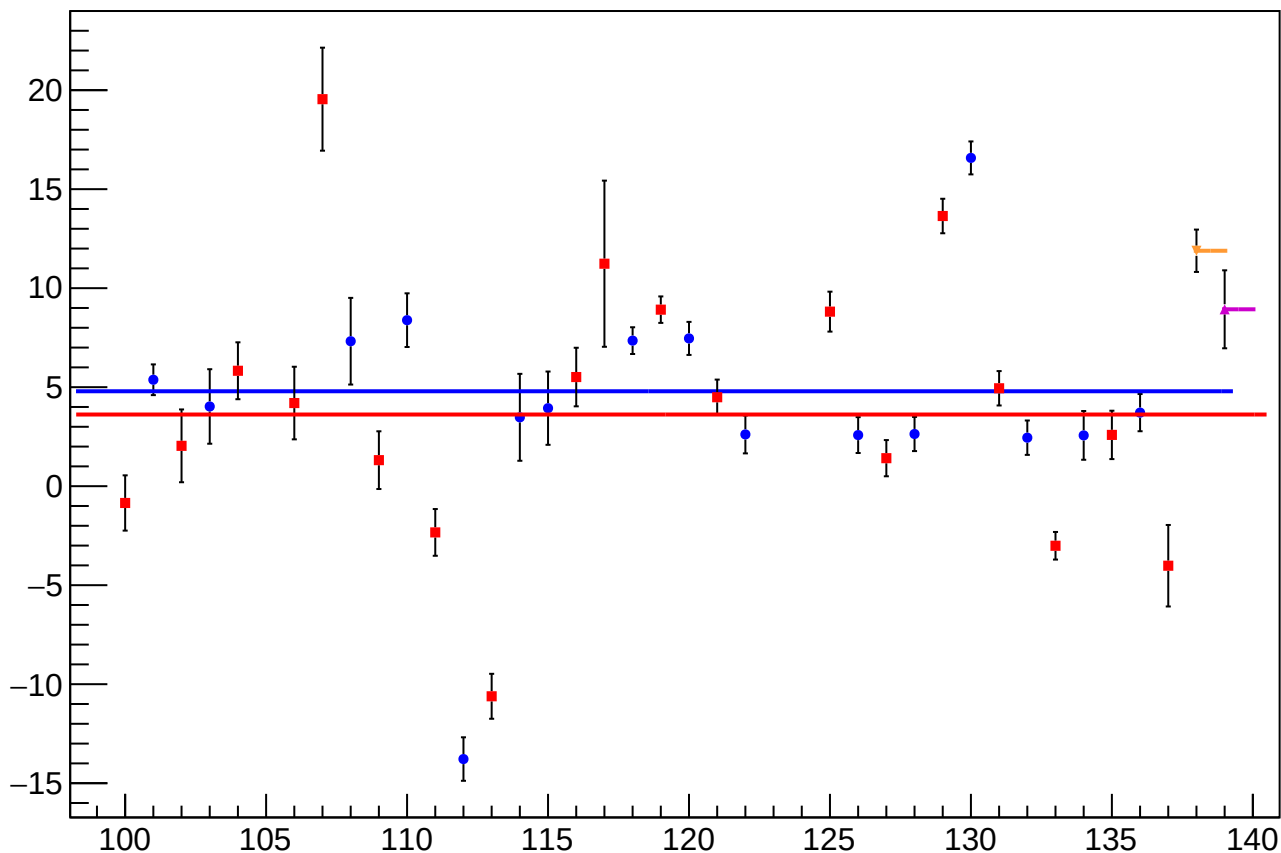
Right Out: 29.761 $\pm$ 0.401 χ^2 /NDF: 2131.8/18

Left In: 13.546 $\pm$ 1.290 χ^2 /NDF: 0.0/0

26.718 $\pm$ 0.384 χ^2 /NDF: 1759.1/16

28.328 $\pm$ 0.383 χ^2 /NDF: 2276.0/19

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 +/- 0.251 χ^2/NDF : 550.0/15

Left Out: 11.890 +/- 1.070 χ^2/NDF : 0.0/0

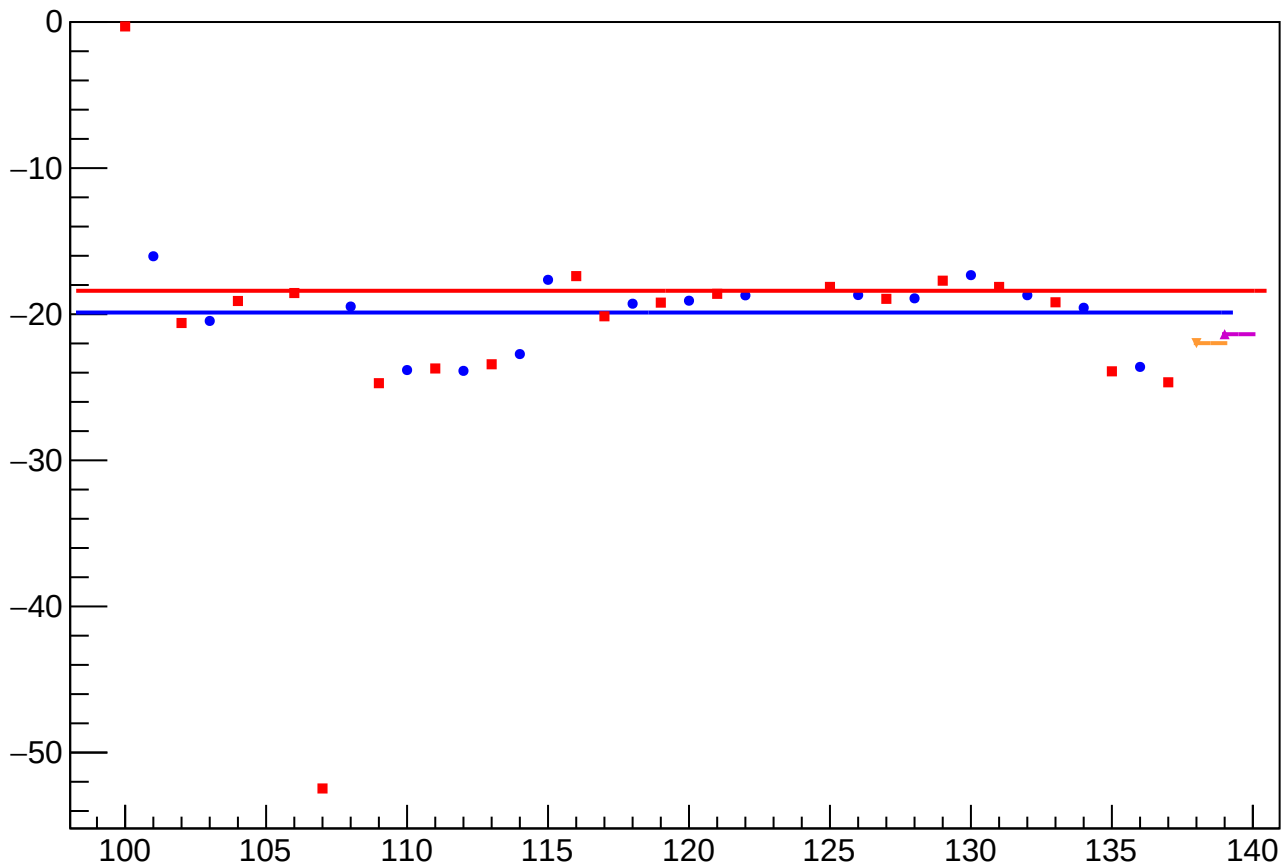
Right Out: 3.619 +/- 0.254 χ^2/NDF : 576.6/18

Left In: 8.933 +/- 1.969 χ^2/NDF : 0.0/0

5.164 +/- 0.244 χ^2/NDF : 591.7/16

3.706 +/- 0.252 χ^2/NDF : 583.8/19

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -21.979 ± 0.039 $\chi^2/\text{NDF}: 0.0/0$

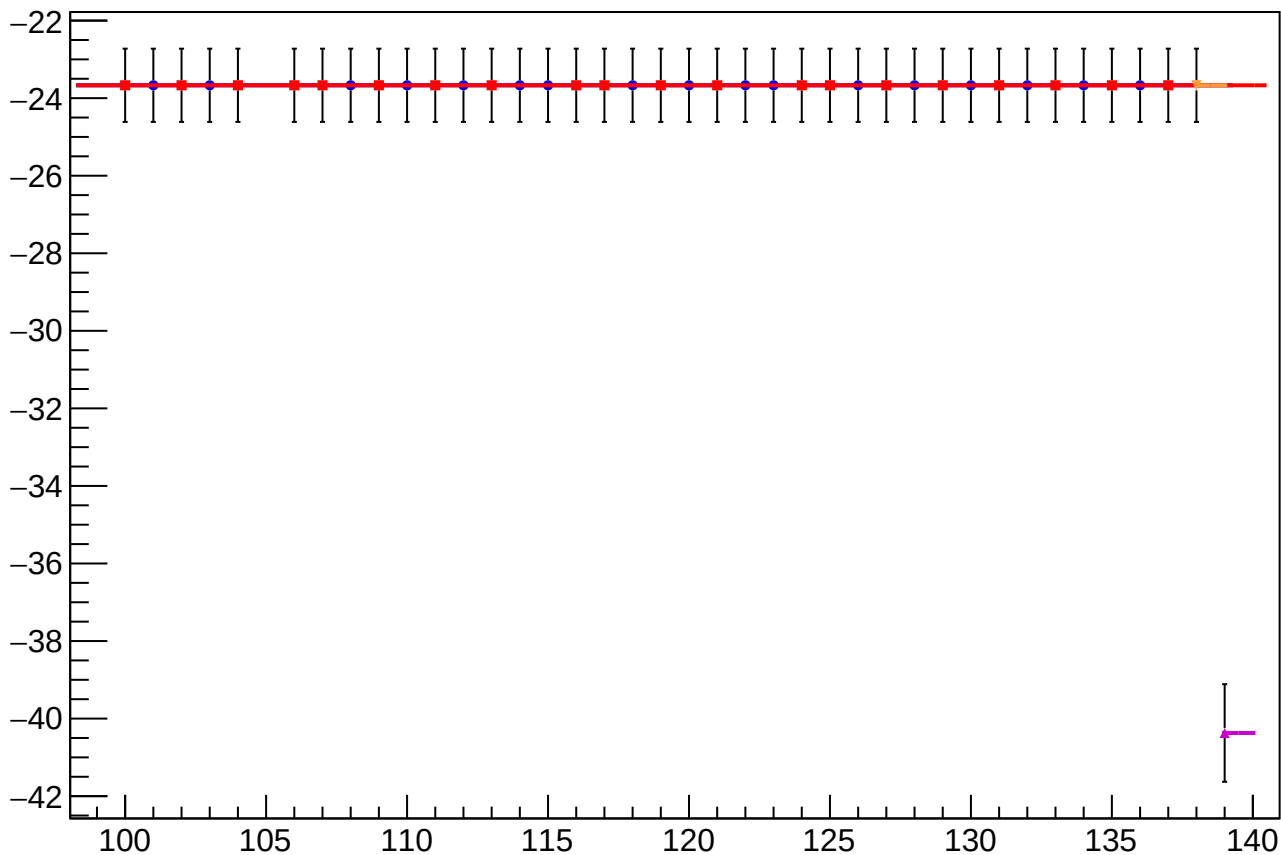
Right Out: -18.395 ± 0.015 $\chi^2/\text{NDF}: 301292.0/18$

Left In: -21.367 ± 0.043 $\chi^2/\text{NDF}: 0.0/0$

-20.170 ± 0.014 $\chi^2/\text{NDF}: 28547.2/16$

-18.705 ± 0.014 $\chi^2/\text{NDF}: 305536.9/19$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

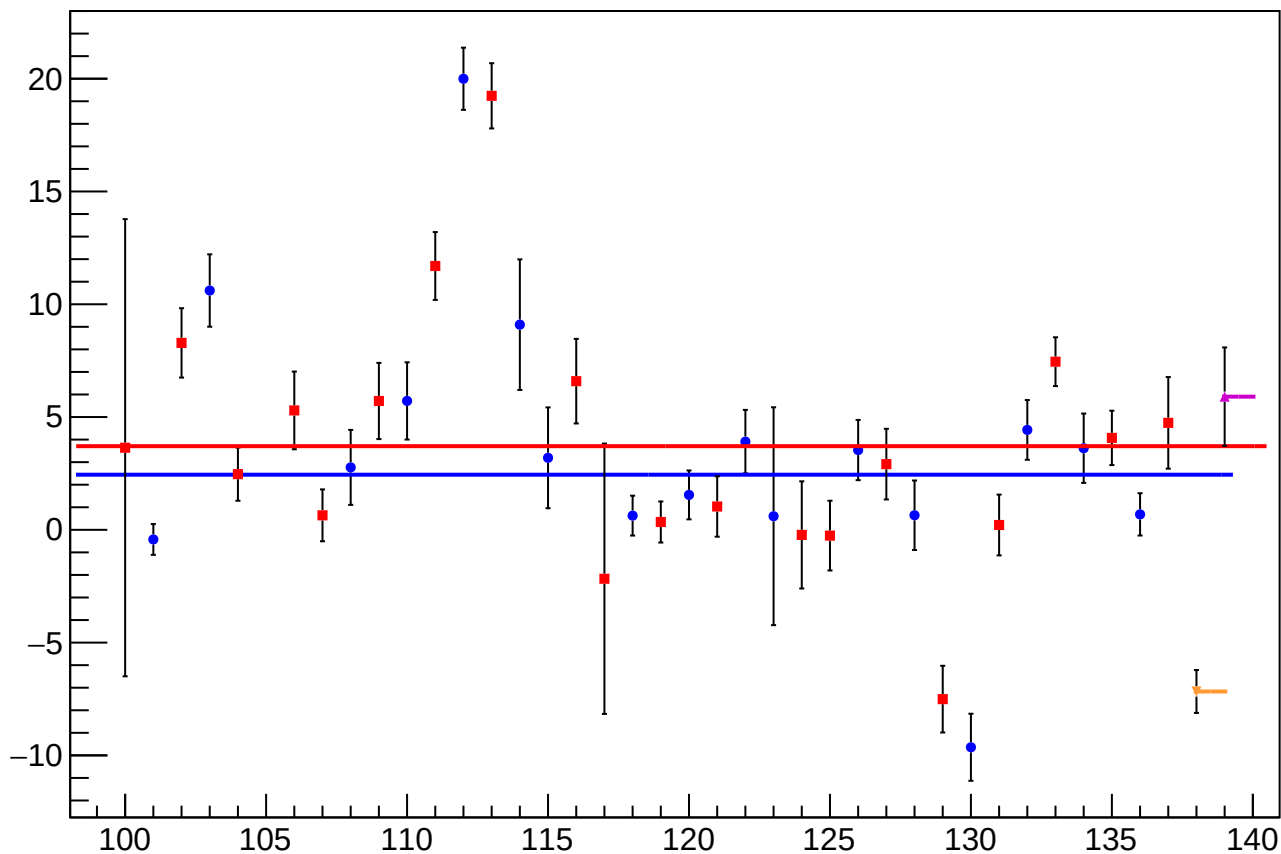
Right Out: -23.668 $\pm$ 0.211 χ^2 /NDF: 0.0/19

Left In: -40.371 $\pm$ 1.259 χ^2 /NDF: 0.0/0

-23.668 $\pm$ 0.223 χ^2 /NDF: 0.0/17

-24.125 $\pm$ 0.208 χ^2 /NDF: 171.3/20

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 $\pm$ 0.311 χ^2/NDF : 295.3/16

Left Out: -7.167 $\pm$ 0.950 χ^2/NDF : 0.0/0

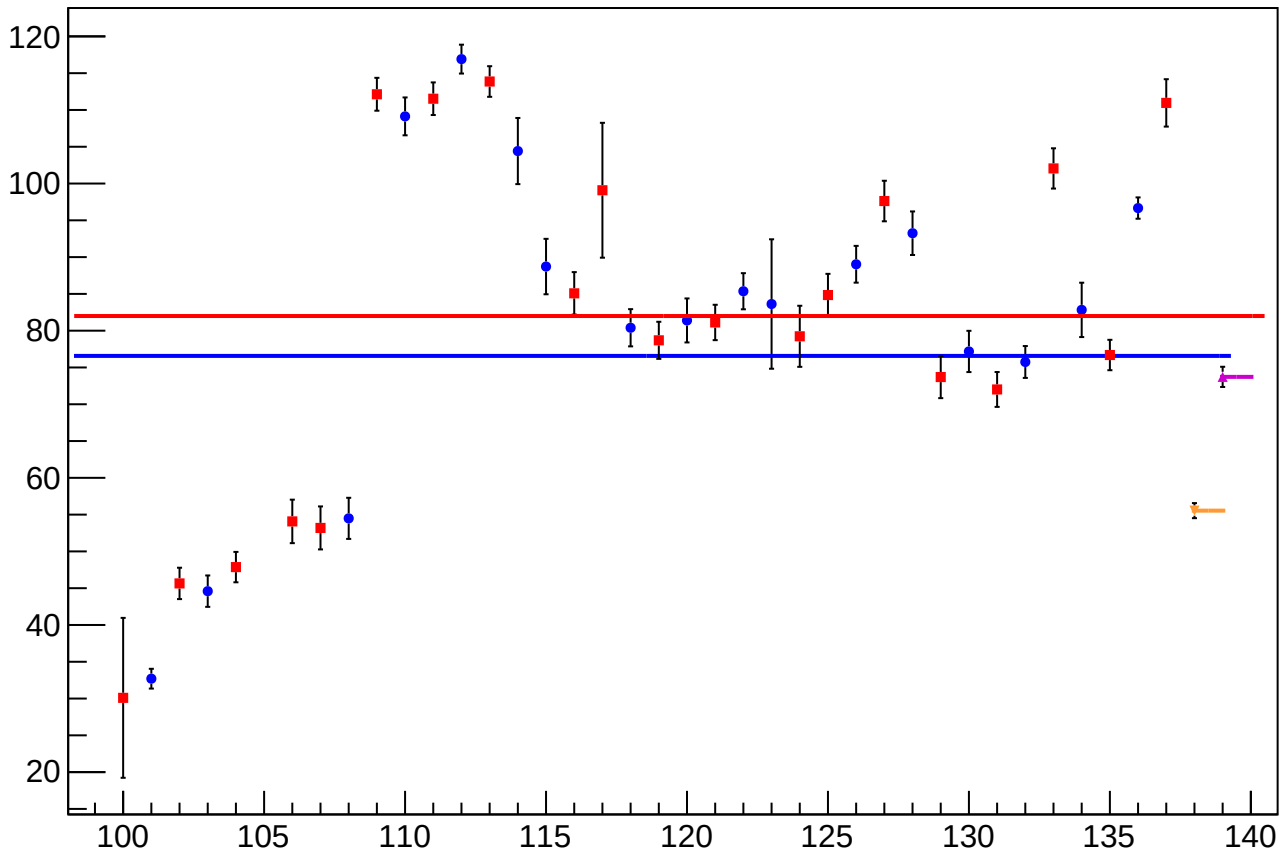
Right Out: 3.708 $\pm$ 0.326 χ^2/NDF : 270.1/19

Left In: 5.904 $\pm$ 2.182 χ^2/NDF : 0.0/0

1.514 $\pm$ 0.296 χ^2/NDF : 387.7/17

3.756 $\pm$ 0.323 χ^2/NDF : 271.1/20

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



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

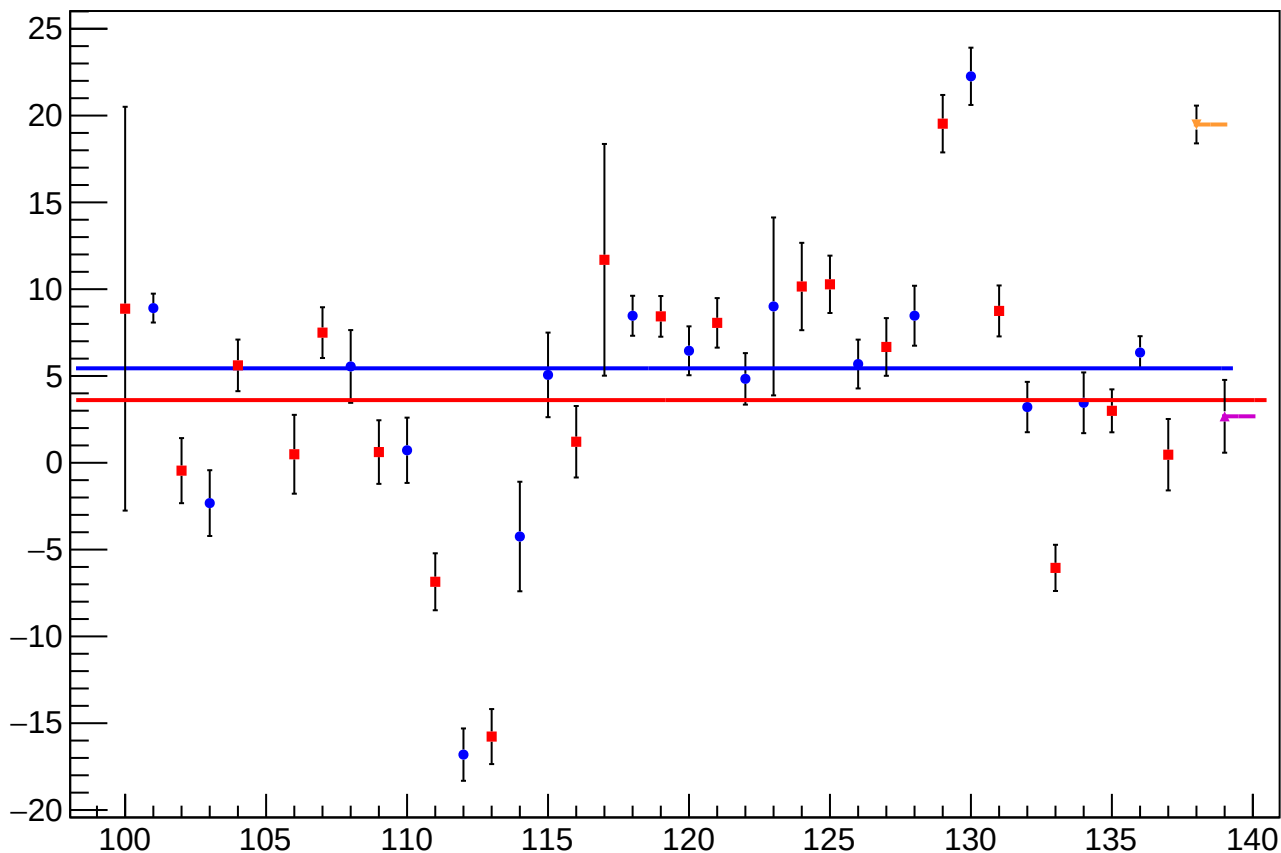
Right Out: 81.994 $\pm$ 0.591 χ^2 /NDF: 1574.1/19

Left In: 73.723 $\pm$ 1.373 χ^2 /NDF: 0.0/0

71.552 $\pm$ 0.500 χ^2 /NDF: 2574.8/17

80.701 $\pm$ 0.543 χ^2 /NDF: 1604.7/20

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



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

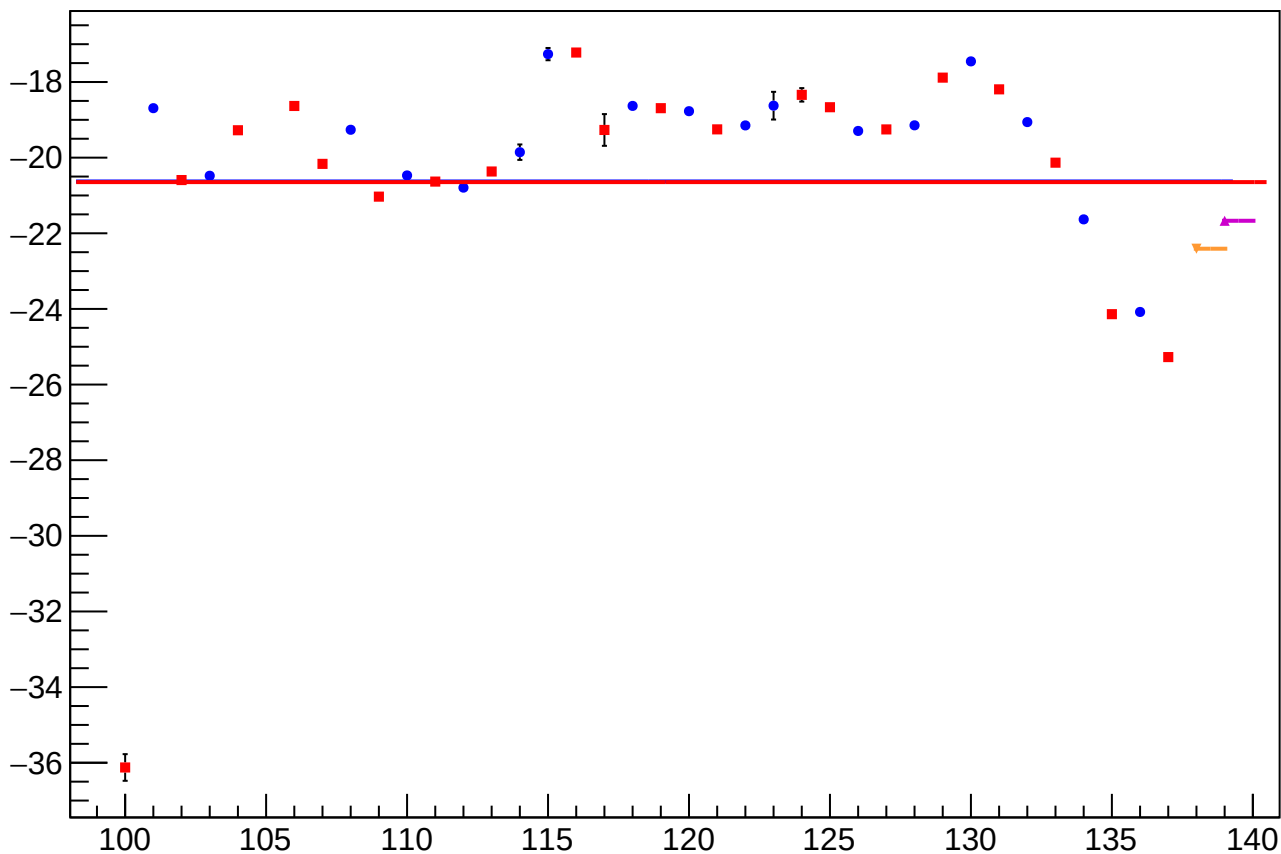
Right Out: 3.611 $\pm$ 0.375 χ^2 /NDF: 424.7/19

Left In: 2.677 $\pm$ 2.096 χ^2 /NDF: 0.0/0

6.809 $\pm$ 0.339 χ^2 /NDF: 537.9/17

3.582 $\pm$ 0.369 χ^2 /NDF: 424.9/20

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 $\pm$ 0.019 χ^2 /NDF: 12490.5/16

Left Out: -22.408 $\pm$ 0.040 χ^2 /NDF: 0.0/0

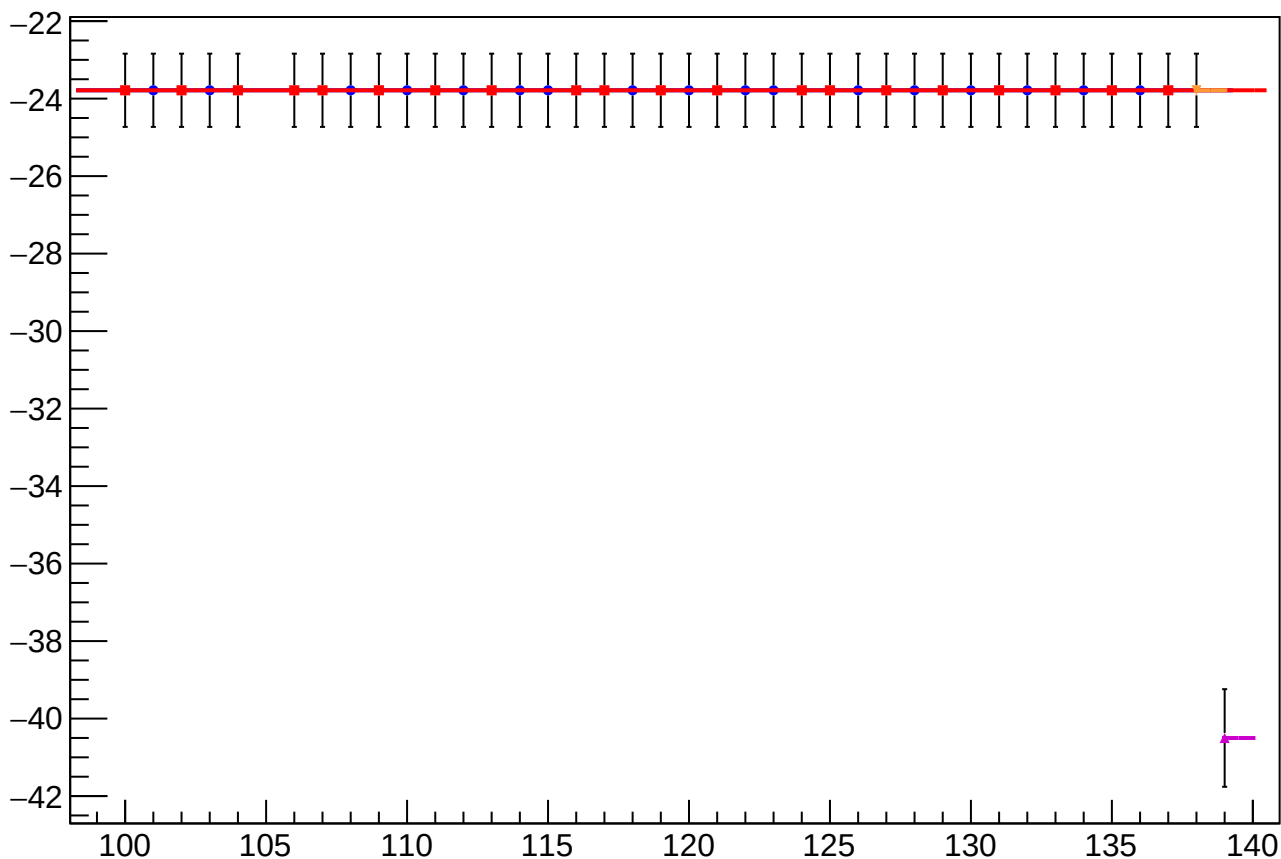
Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13896.5/19

Left In: -21.669 $\pm$ 0.046 χ^2 /NDF: 0.0/0

-20.959 $\pm$ 0.017 χ^2 /NDF: 14063.6/17

-20.802 $\pm$ 0.018 χ^2 /NDF: 14317.0/20

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -23.785 $\pm$ 0.229 χ^2 /NDF: 0.0/16

Left Out: -23.785 $\pm$ 0.945 χ^2 /NDF: 0.0/0

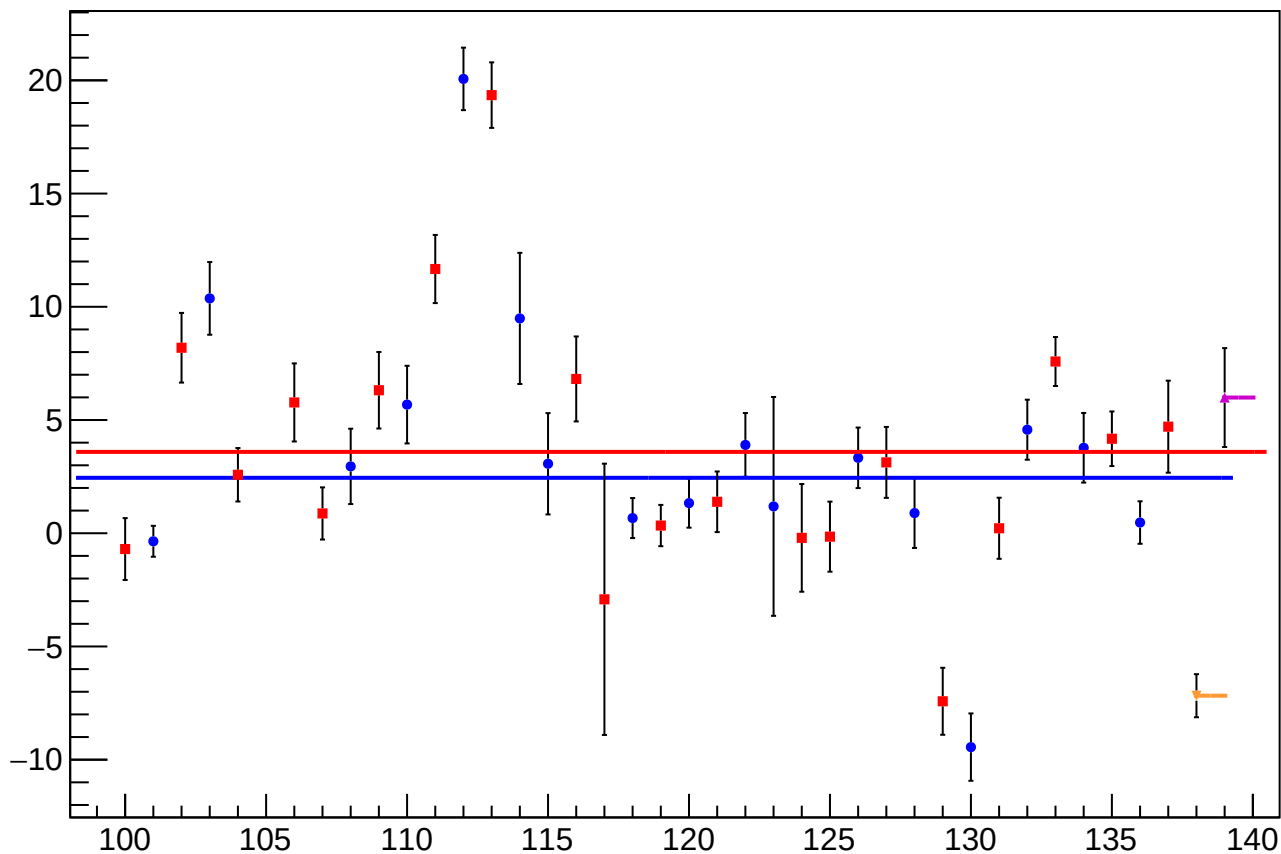
Right Out: -23.785 $\pm$ 0.211 χ^2 /NDF: 0.0/19

Left In: -40.501 $\pm$ 1.260 χ^2 /NDF: 0.0/0

-23.785 $\pm$ 0.223 χ^2 /NDF: 0.0/17

-24.243 $\pm$ 0.208 χ^2 /NDF: 171.3/20

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: -7.174 ± 0.951 χ^2/NDF : 0.0/0

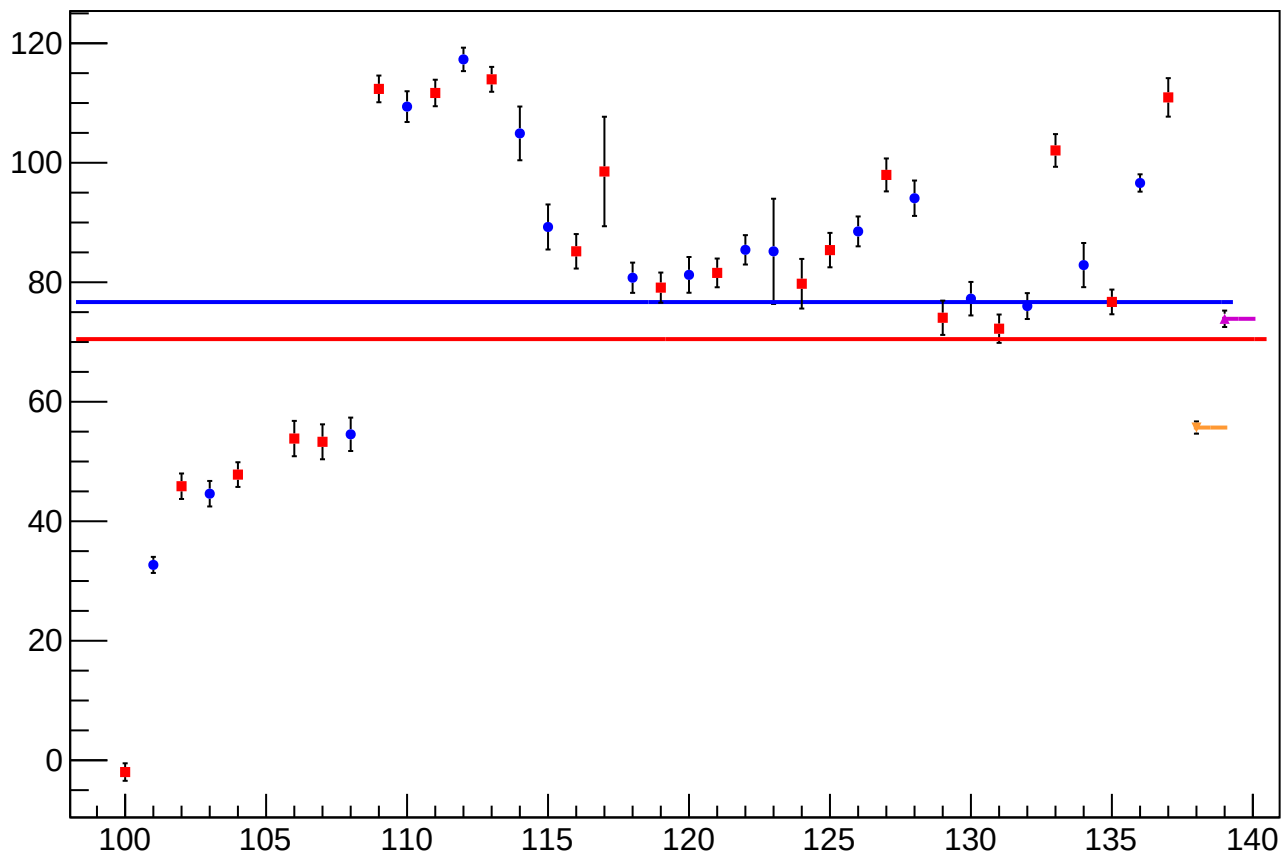
Right Out: 3.593 ± 0.318 χ^2/NDF : 280.6/19

Left In: 5.992 ± 2.184 χ^2/NDF : 0.0/0

1.517 ± 0.296 χ^2/NDF : 385.8/17

3.642 ± 0.314 χ^2/NDF : 281.8/20

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 55.686 $\pm$ 1.025 χ^2 /NDF: 0.0/0

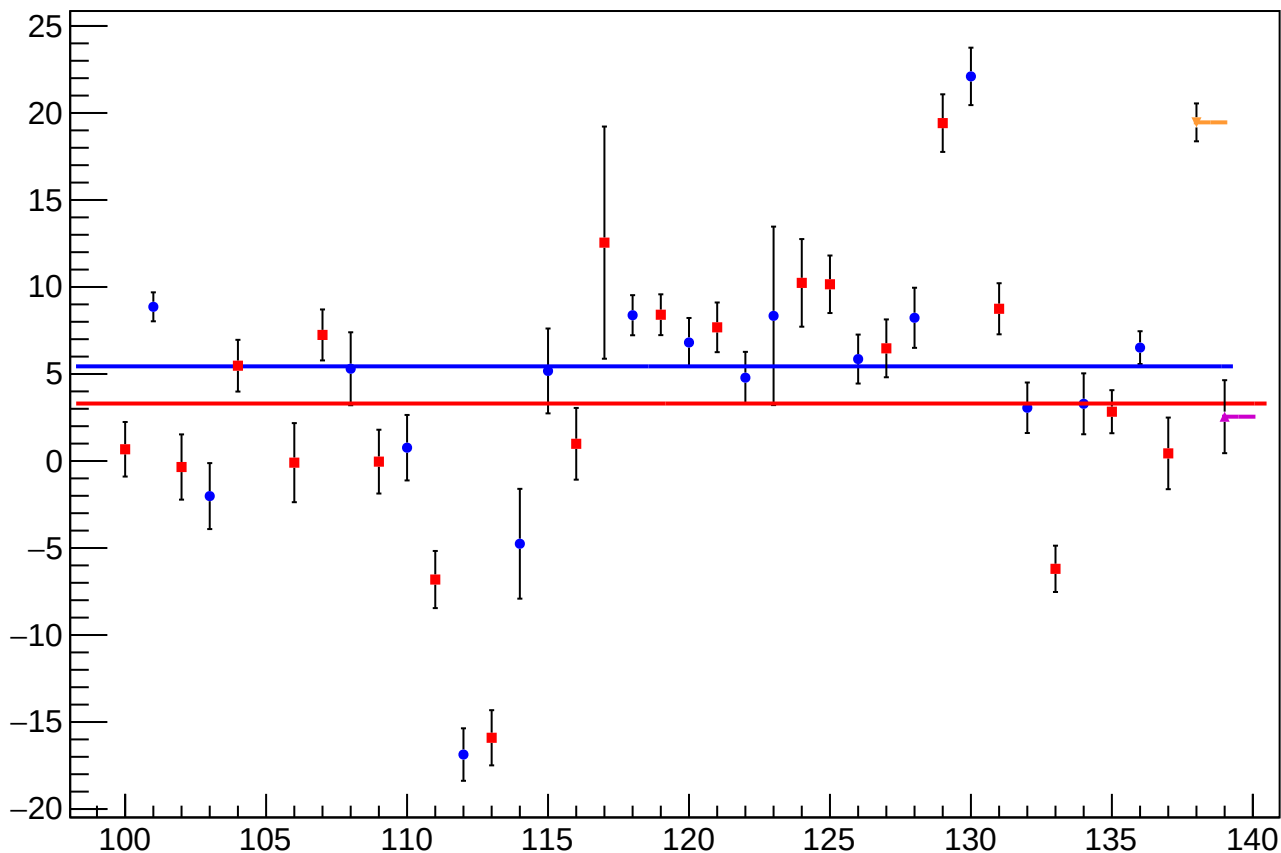
Right Out: 70.487 $\pm$ 0.549 χ^2 /NDF: 4400.5/19

Left In: 73.885 $\pm$ 1.374 χ^2 /NDF: 0.0/0

71.675 $\pm$ 0.501 χ^2 /NDF: 2584.9/17

70.954 $\pm$ 0.510 χ^2 /NDF: 4405.8/20

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 19.460 ± 1.089 $\chi^2/\text{NDF}: 0.0/0$

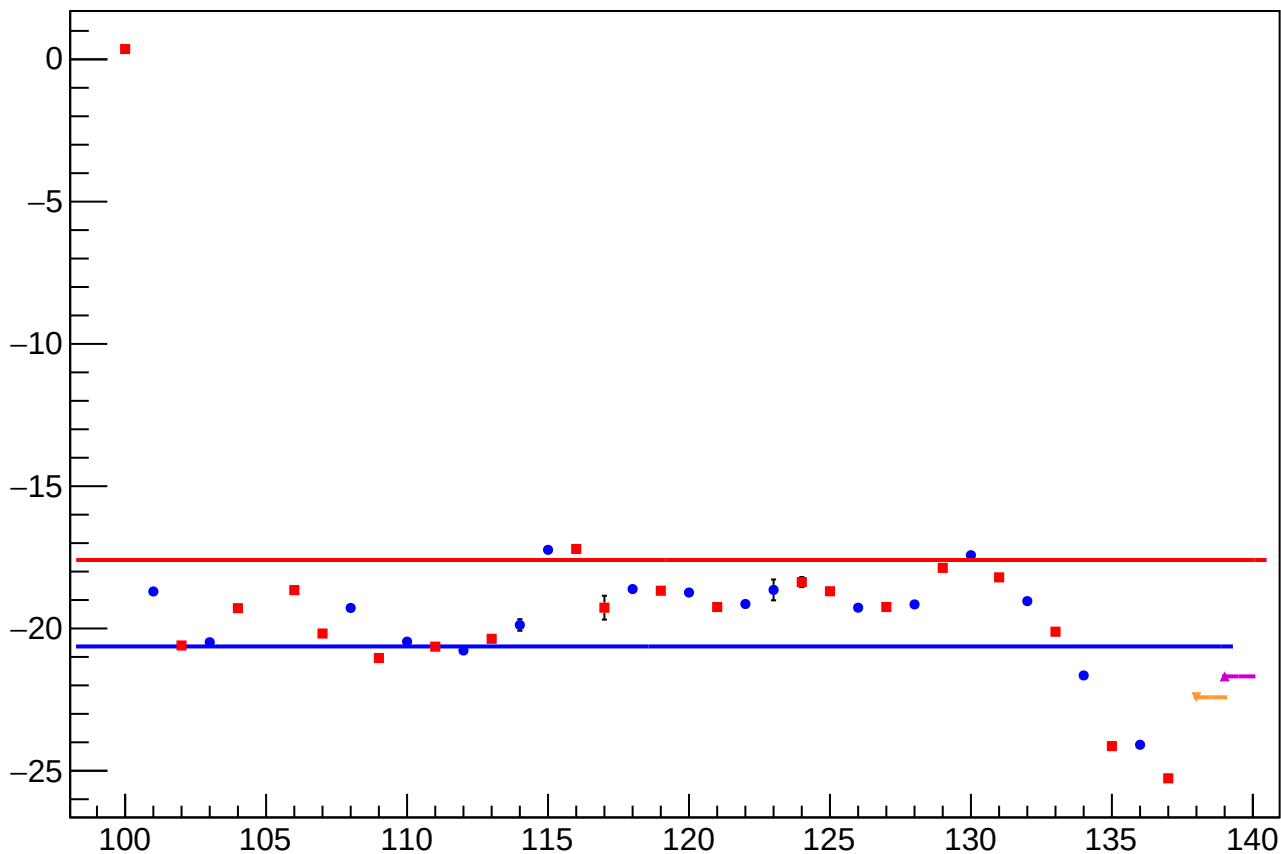
Right Out: 3.303 ± 0.365 $\chi^2/\text{NDF}: 427.7/19$

Left In: 2.547 ± 2.097 $\chi^2/\text{NDF}: 0.0/0$

6.804 ± 0.340 $\chi^2/\text{NDF}: 535.7/17$

3.280 ± 0.359 $\chi^2/\text{NDF}: 427.8/20$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -22.419 ± 0.040 $\chi^2/\text{NDF}: 0.0/0$

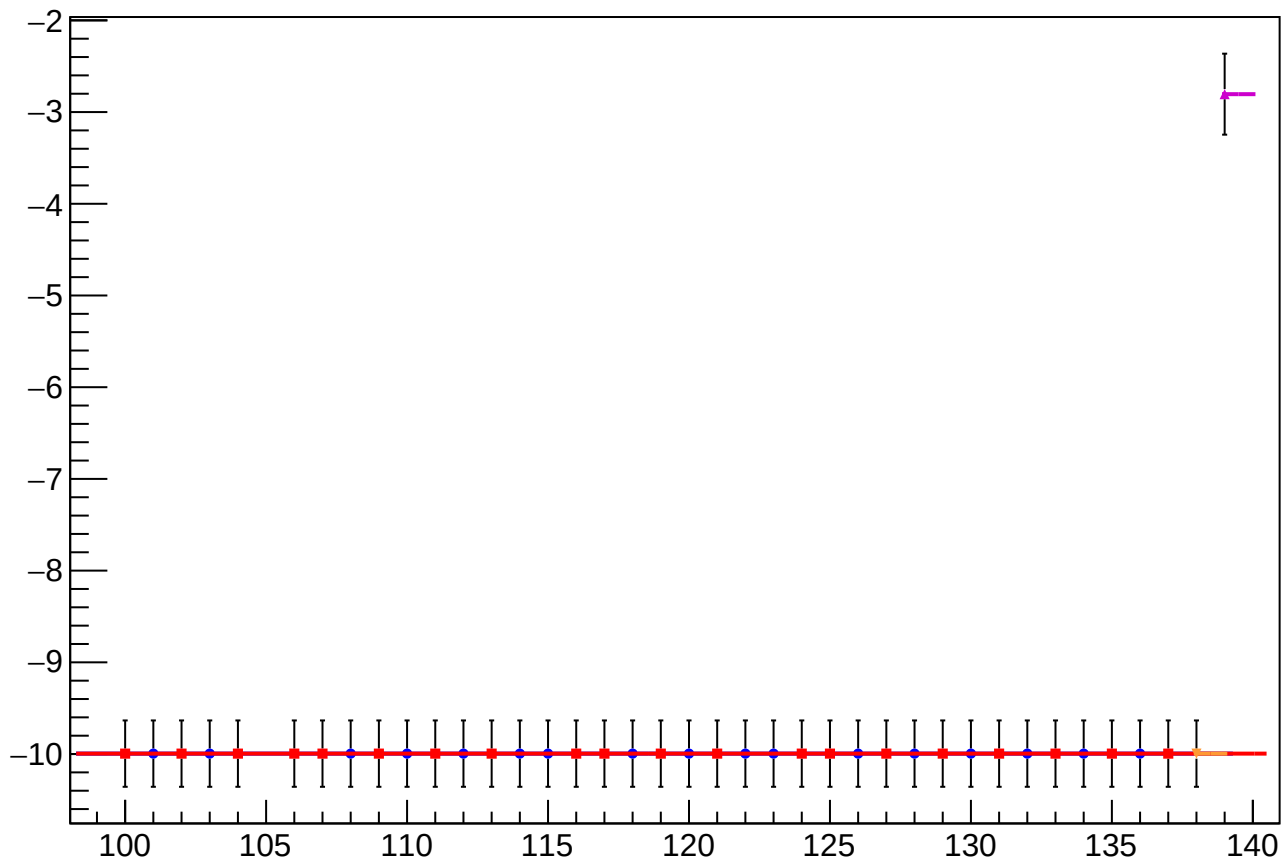
Right Out: -17.594 ± 0.018 $\chi^2/\text{NDF}: 178696.7/19$

Left In: -21.684 ± 0.046 $\chi^2/\text{NDF}: 0.0/0$

-20.962 ± 0.017 $\chi^2/\text{NDF}: 14118.8/17$

-18.137 ± 0.017 $\chi^2/\text{NDF}: 185561.0/20$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

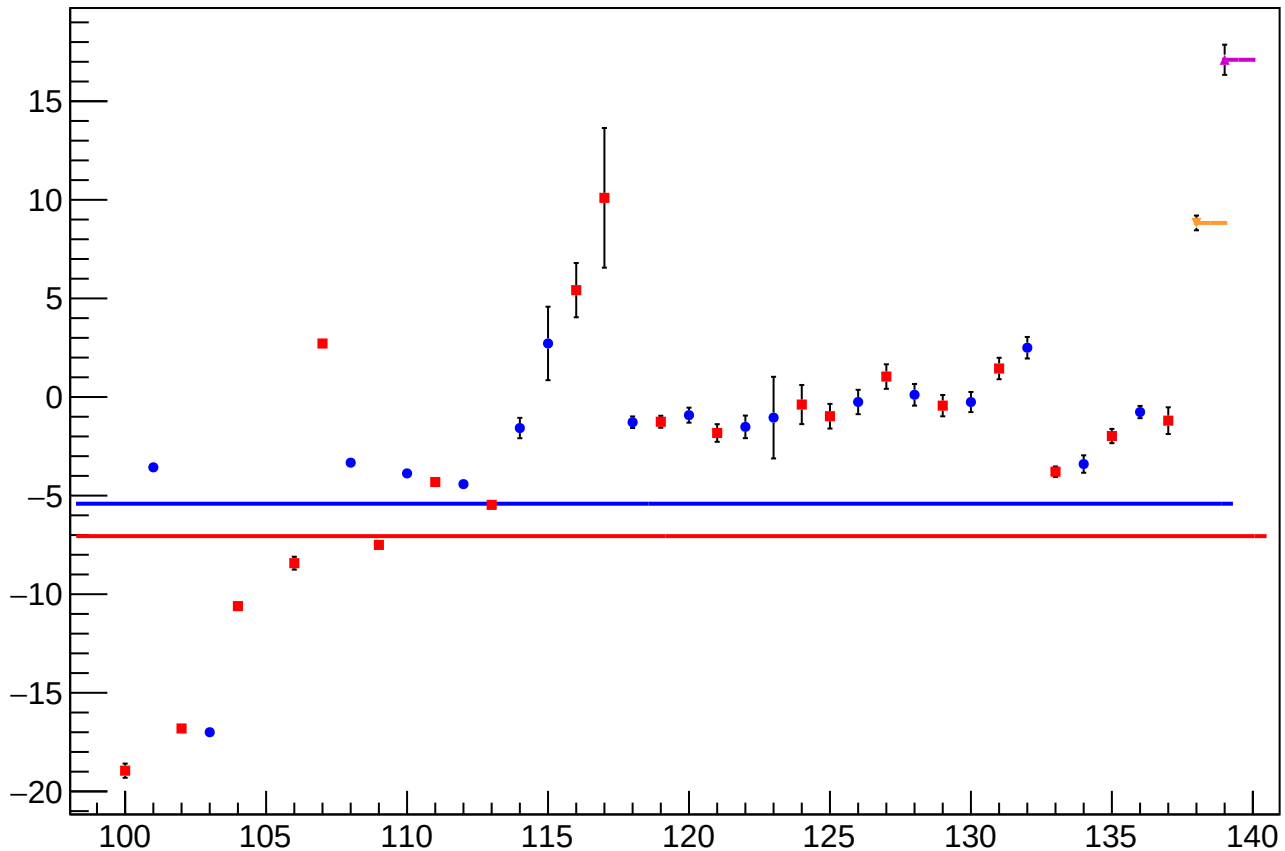
Right Out: -9.995 $\pm$ 0.081 χ^2 /NDF: 0.0/19

Left In: -2.805 $\pm$ 0.442 χ^2 /NDF: 0.0/0

-9.995 $\pm$ 0.085 χ^2 /NDF: 0.0/17

-9.762 $\pm$ 0.080 χ^2 /NDF: 256.6/20

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411+/-0.055 χ^2/NDF : 9261.2/16

Left Out: 8.829+/-0.374 χ^2/NDF : 0.0/0

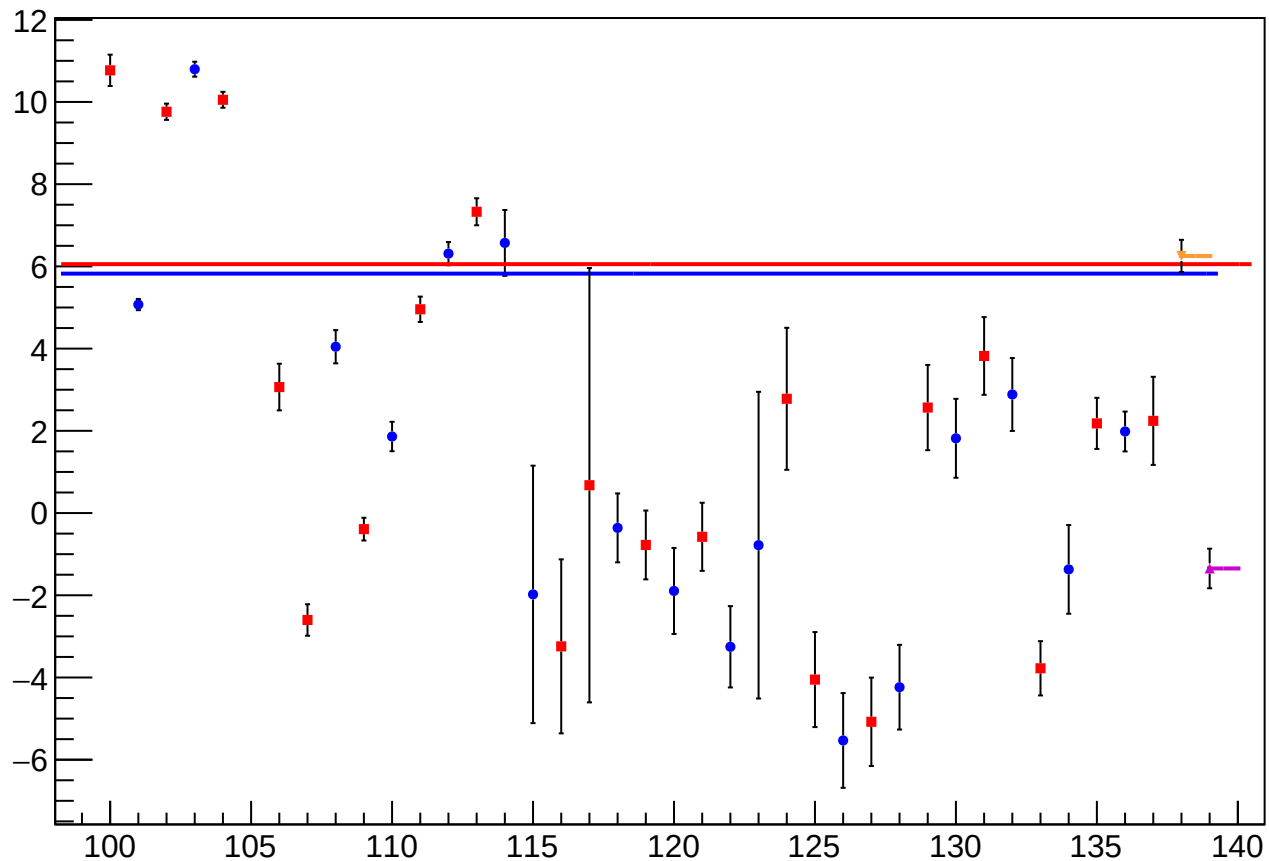
-5.113+/-0.054 χ^2/NDF : 10677.9/17

Right Out: -7.056+/-0.059 χ^2/NDF : 12352.9/19

-6.913+/-0.059 χ^2/NDF : 13343.0/20

Left In: 17.103+/-0.765 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 $\pm$ 0.090 χ^2 /NDF: 1452.6/16

Left Out: 6.254 $\pm$ 0.392 χ^2 /NDF: 0.0/0

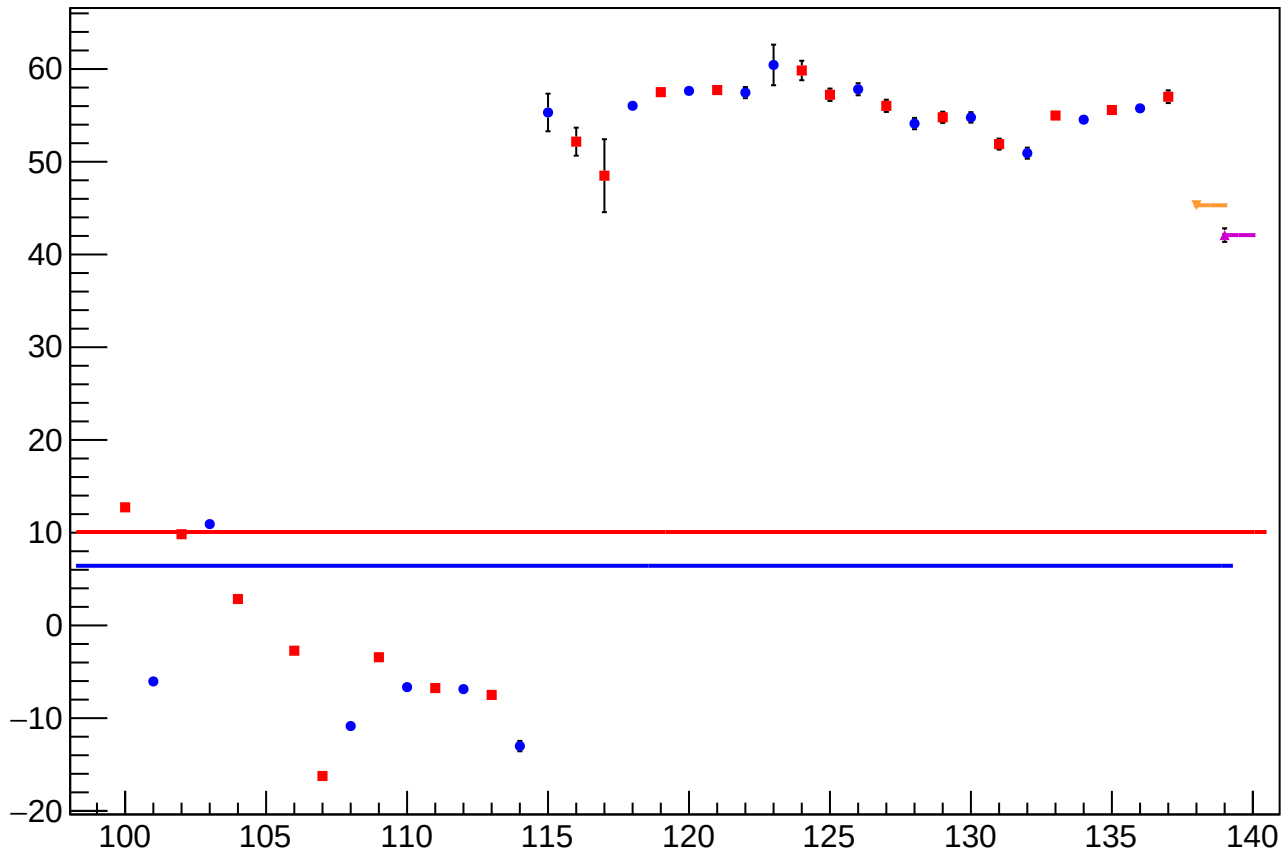
Right Out: 6.054 $\pm$ 0.093 χ^2 /NDF: 2669.9/19

Left In: -1.348 $\pm$ 0.481 χ^2 /NDF: 0.0/0

5.845 $\pm$ 0.087 χ^2 /NDF: 1453.7/17

5.786 $\pm$ 0.092 χ^2 /NDF: 2897.8/20

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 $\pm$ 0.065 χ^2 /NDF: 123486.3/16

7.314 $\pm$ 0.064 χ^2 /NDF: 131679.0/17

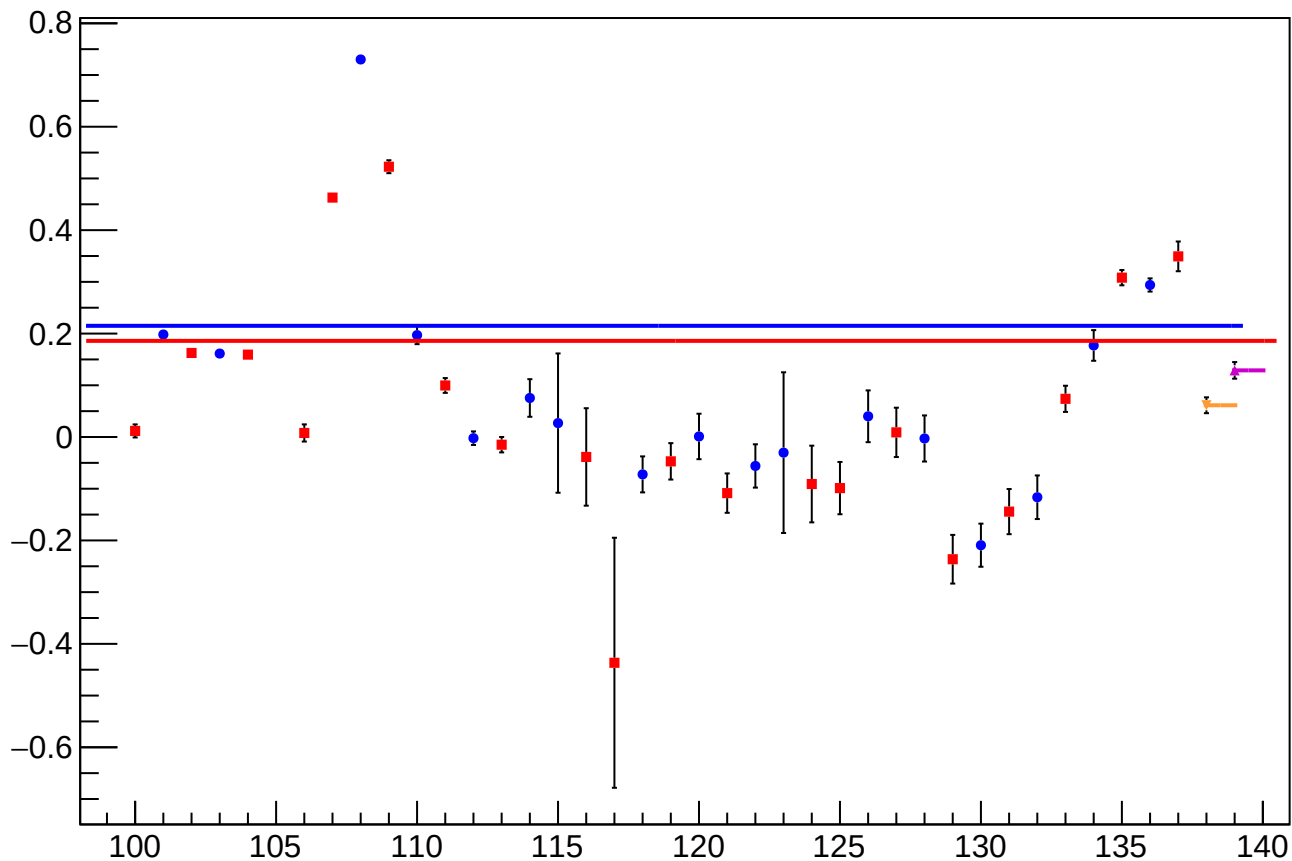
Left Out: 45.306 $\pm$ 0.425 χ^2 /NDF: 0.0/0

Right Out: 10.072 $\pm$ 0.070 χ^2 /NDF: 121911.4/19

10.358 $\pm$ 0.069 χ^2 /NDF: 123790.9/20

Left In: 42.090 $\pm$ 0.735 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3930.1/16$

Left Out: 0.061 ± 0.015 $\chi^2/\text{NDF}: 0.0/0$

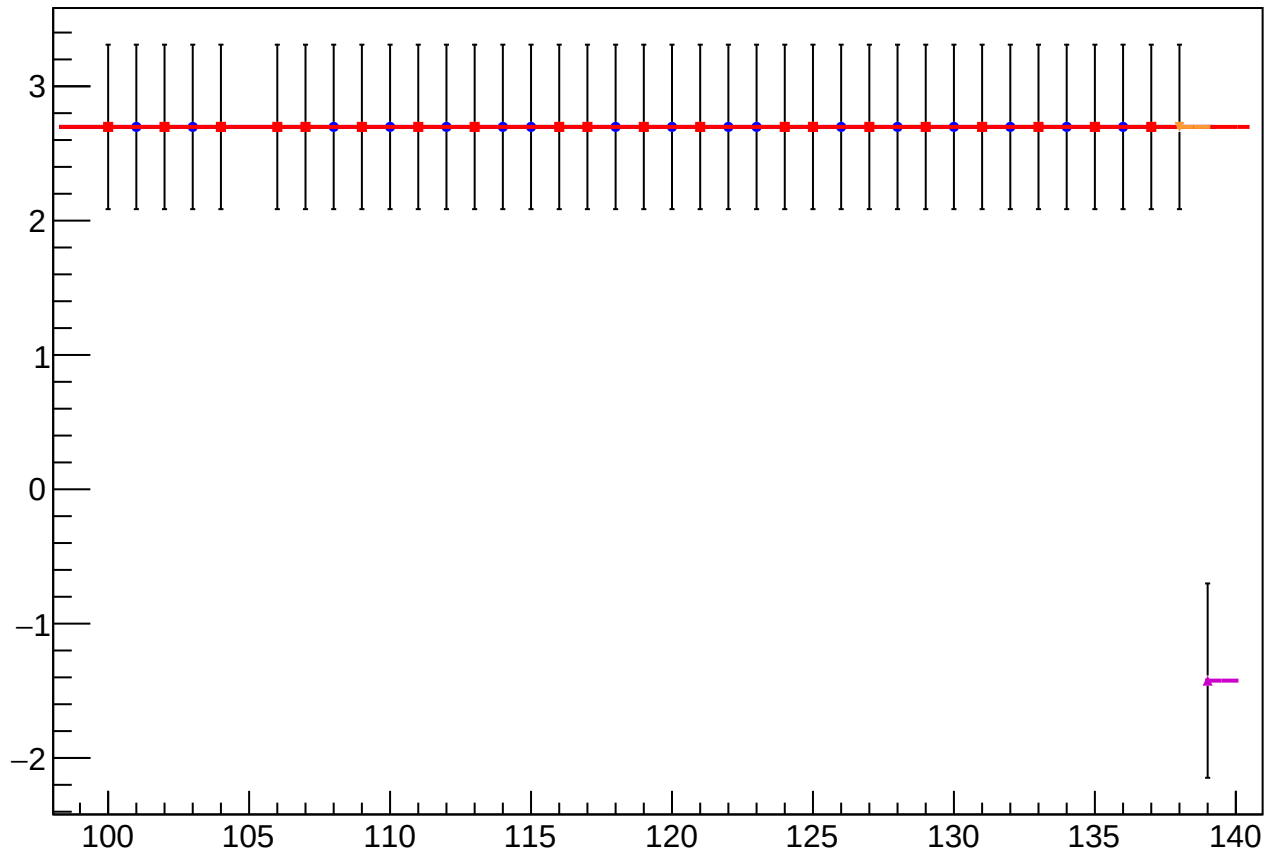
Right Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2726.9/19$

Left In: 0.129 ± 0.016 $\chi^2/\text{NDF}: 0.0/0$

0.210 ± 0.003 $\chi^2/\text{NDF}: 4027.5/17$

0.184 ± 0.003 $\chi^2/\text{NDF}: 2739.2/20$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

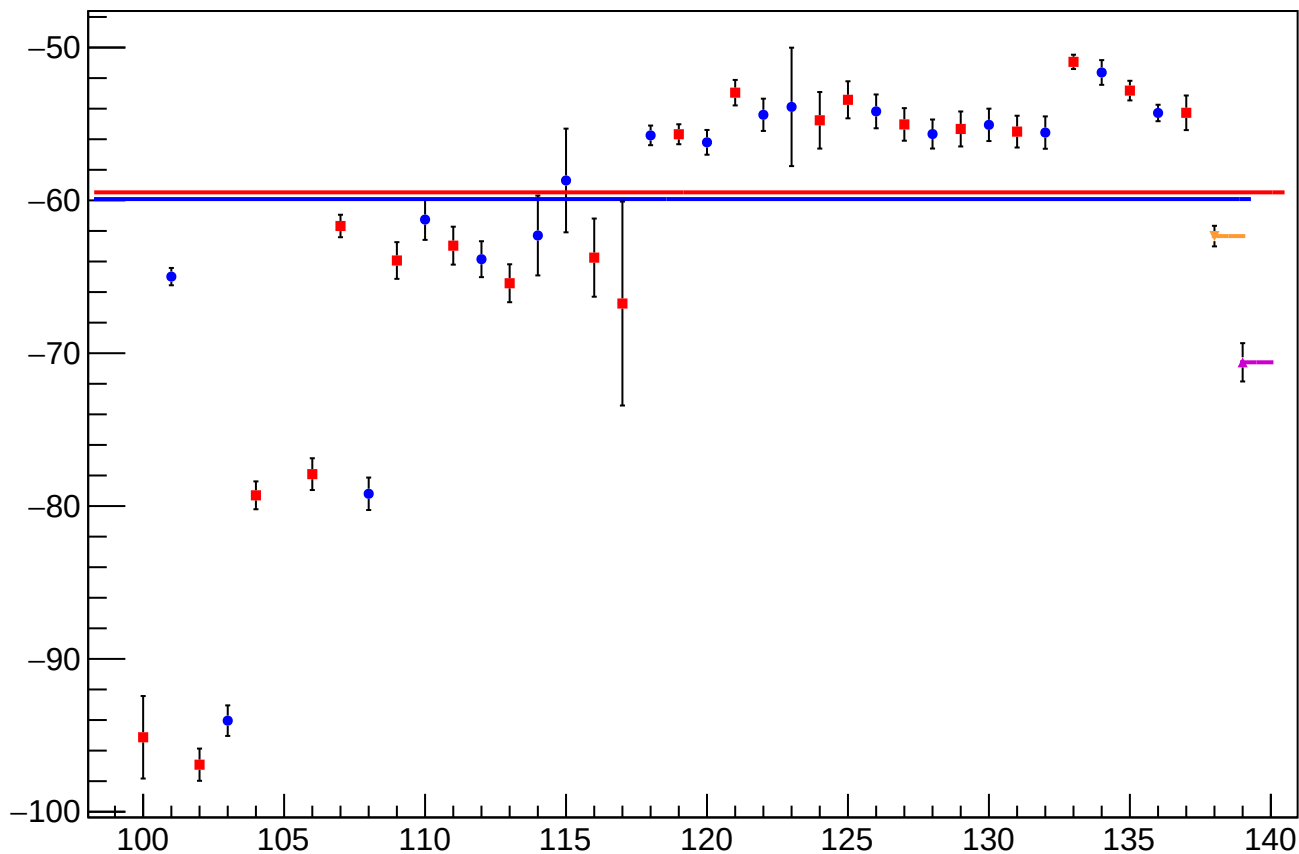
Right Out: 2.698 $\pm$ 0.137 χ^2 /NDF: 0.0/19

Left In: -1.424 $\pm$ 0.723 χ^2 /NDF: 0.0/0

2.698 $\pm$ 0.144 χ^2 /NDF: 0.0/17

2.555 $\pm$ 0.135 χ^2 /NDF: 31.3/20

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 +/- 0.223 χ^2/NDF : 1979.5/16

Left Out: -62.337 +/- 0.673 χ^2/NDF : 0.0/0

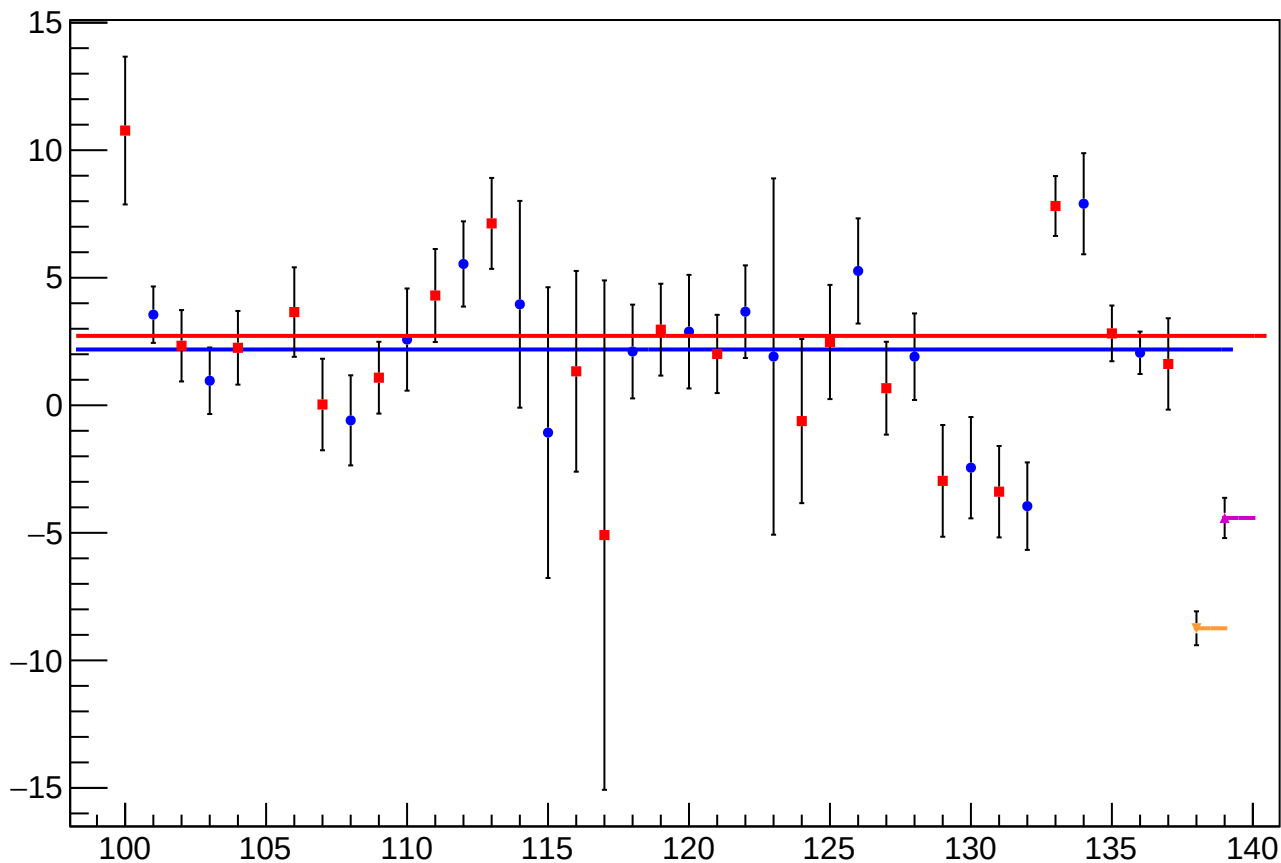
Right Out: -59.475 +/- 0.212 χ^2/NDF : 2913.9/19

Left In: -70.595 +/- 1.253 χ^2/NDF : 0.0/0

-60.154 +/- 0.212 χ^2/NDF : 1991.1/17

-59.784 +/- 0.209 χ^2/NDF : 2990.4/20

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 $\pm$ 0.404 χ^2 /NDF: 39.1/16

Left Out: -8.742 $\pm$ 0.664 χ^2 /NDF: 0.0/0

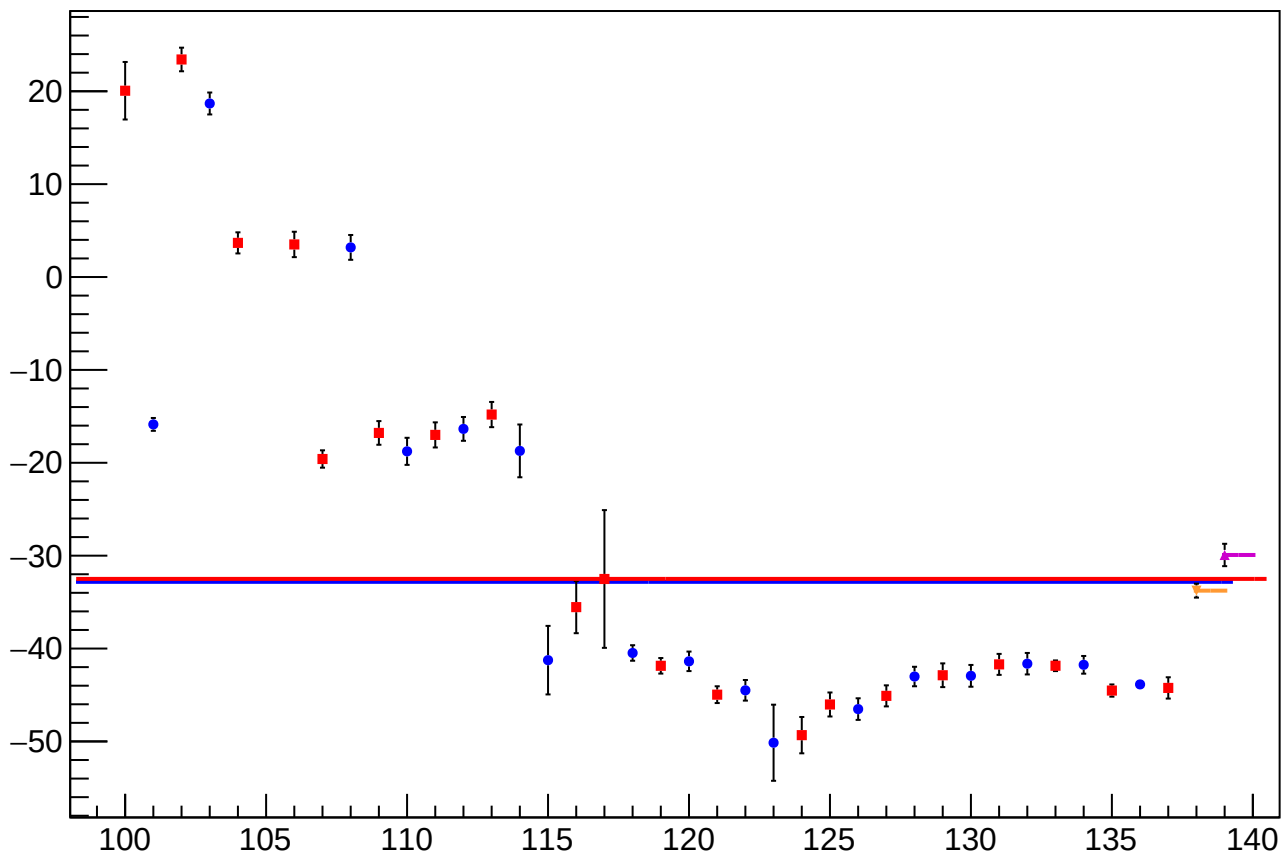
Right Out: 2.721 $\pm$ 0.387 χ^2 /NDF: 59.5/19

Left In: -4.417 $\pm$ 0.789 χ^2 /NDF: 0.0/0

-0.764 $\pm$ 0.345 χ^2 /NDF: 236.7/17

1.334 $\pm$ 0.348 χ^2 /NDF: 125.5/20

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 $\pm$ 0.254 χ^2 /NDF: 4666.6/16

Left Out: -33.766 $\pm$ 0.751 χ^2 /NDF:0.0/0

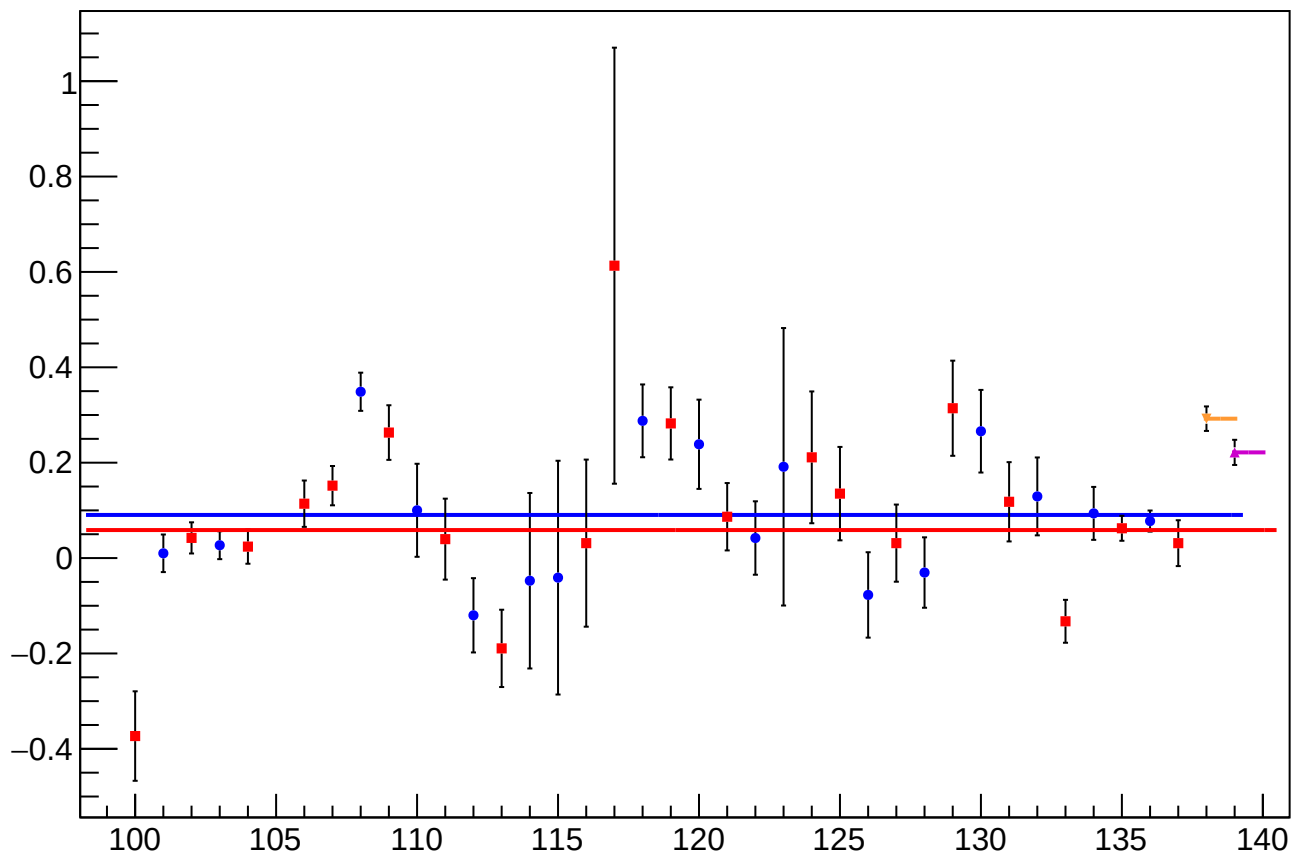
Right Out: -32.501 $\pm$ 0.244 χ^2 /NDF: 6037.9/19

Left In: -29.926 $\pm$ 1.204 χ^2 /NDF:0.0/0

-32.914 $\pm$ 0.241 χ^2 /NDF: 4668.0/17

-32.399 $\pm$ 0.239 χ^2 /NDF: 6042.2/20

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.2/16

Left Out: 0.292 $\pm$ 0.026 χ^2 /NDF: 0.0/0

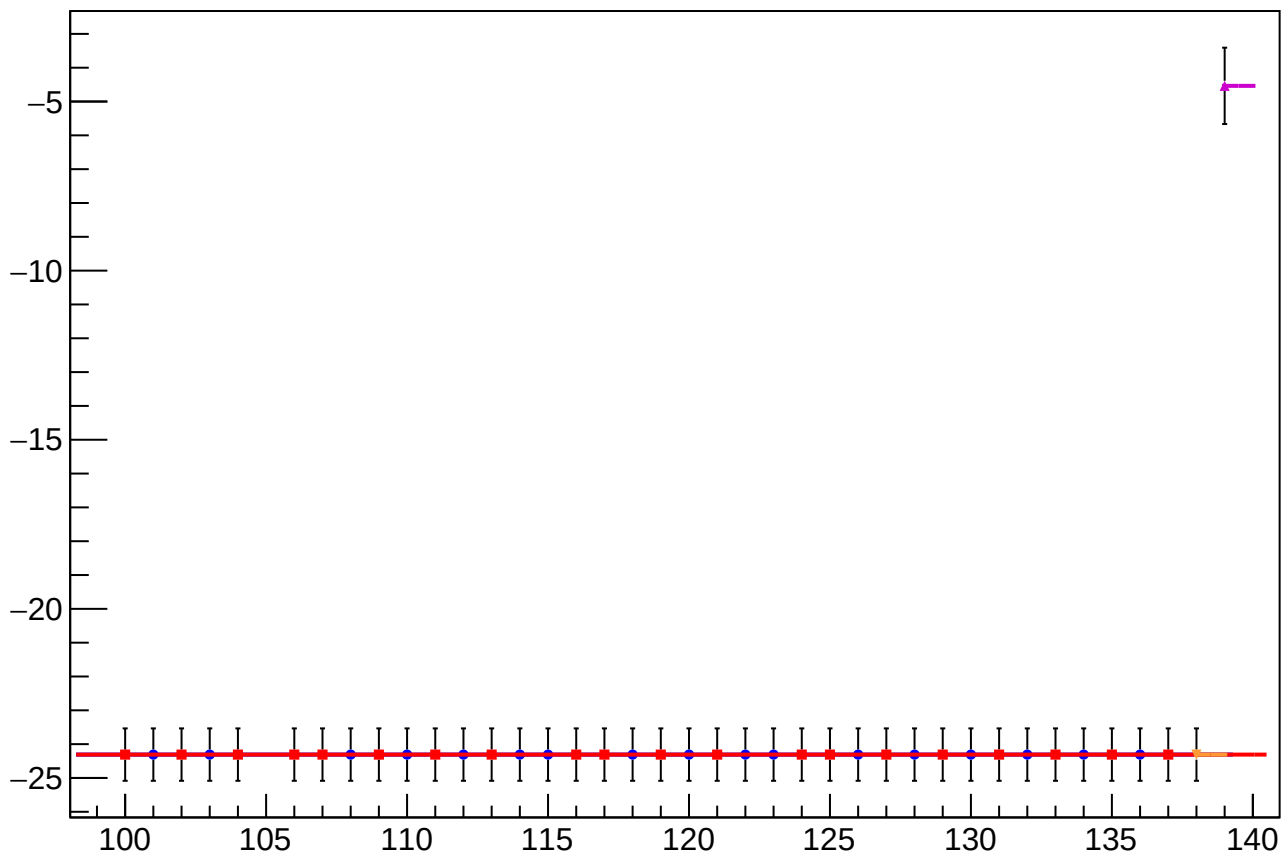
Right Out: 0.059 $\pm$ 0.012 χ^2 /NDF: 88.8/19

Left In: 0.222 $\pm$ 0.026 χ^2 /NDF: 0.0/0

0.130 $\pm$ 0.011 χ^2 /NDF: 128.8/17

0.087 $\pm$ 0.011 χ^2 /NDF: 120.2/20

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -24.309 $\pm$ 0.188 χ^2 /NDF: 0.0/16

-24.309 $\pm$ 0.183 χ^2 /NDF: 0.0/17

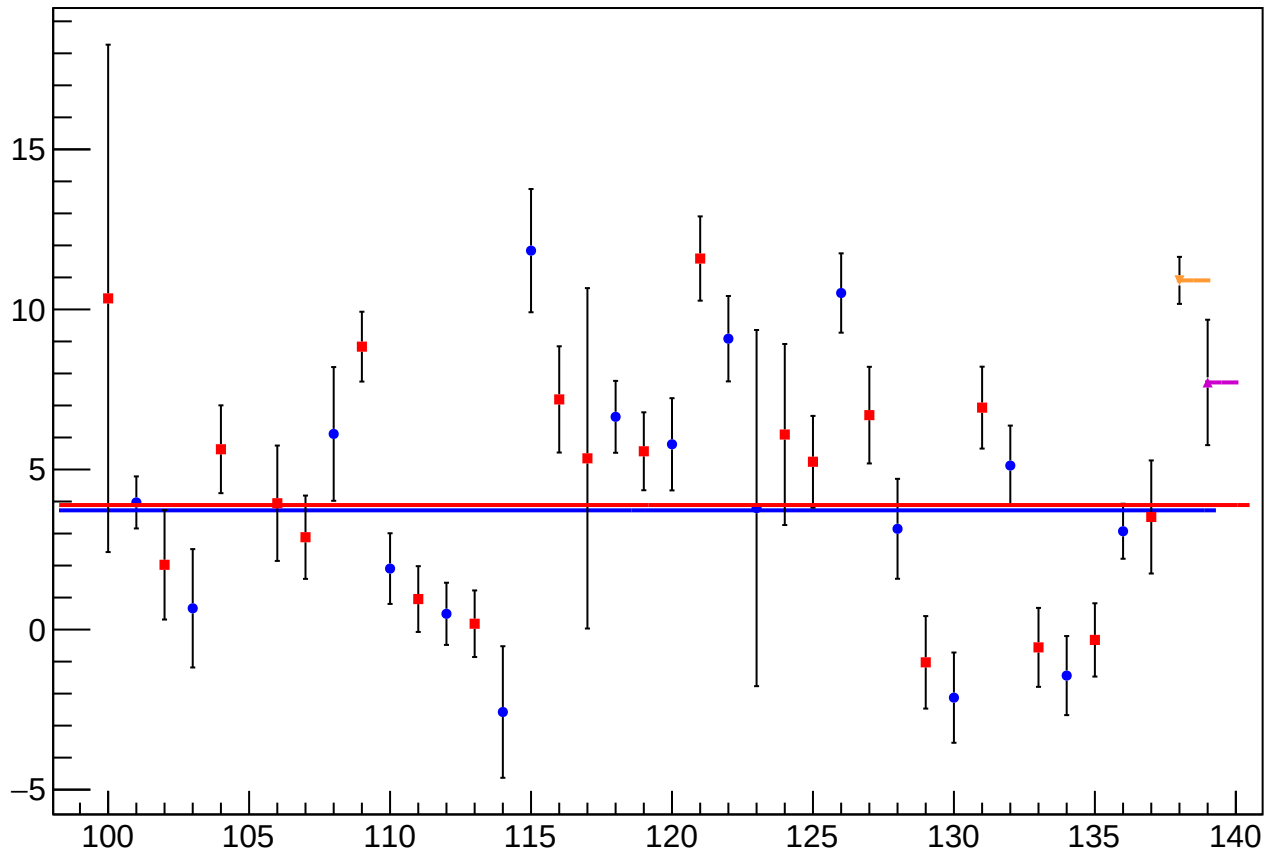
Left Out: -24.309 $\pm$ 0.775 χ^2 /NDF: 0.0/0

Right Out: -24.309 $\pm$ 0.173 χ^2 /NDF: 0.0/19

-23.854 $\pm$ 0.171 χ^2 /NDF: 299.7/20

Left In: -4.537 $\pm$ 1.129 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725+/-0.308 χ^2/NDF : 136.8/16

Left Out: 10.908+/-0.735 χ^2/NDF : 0.0/0

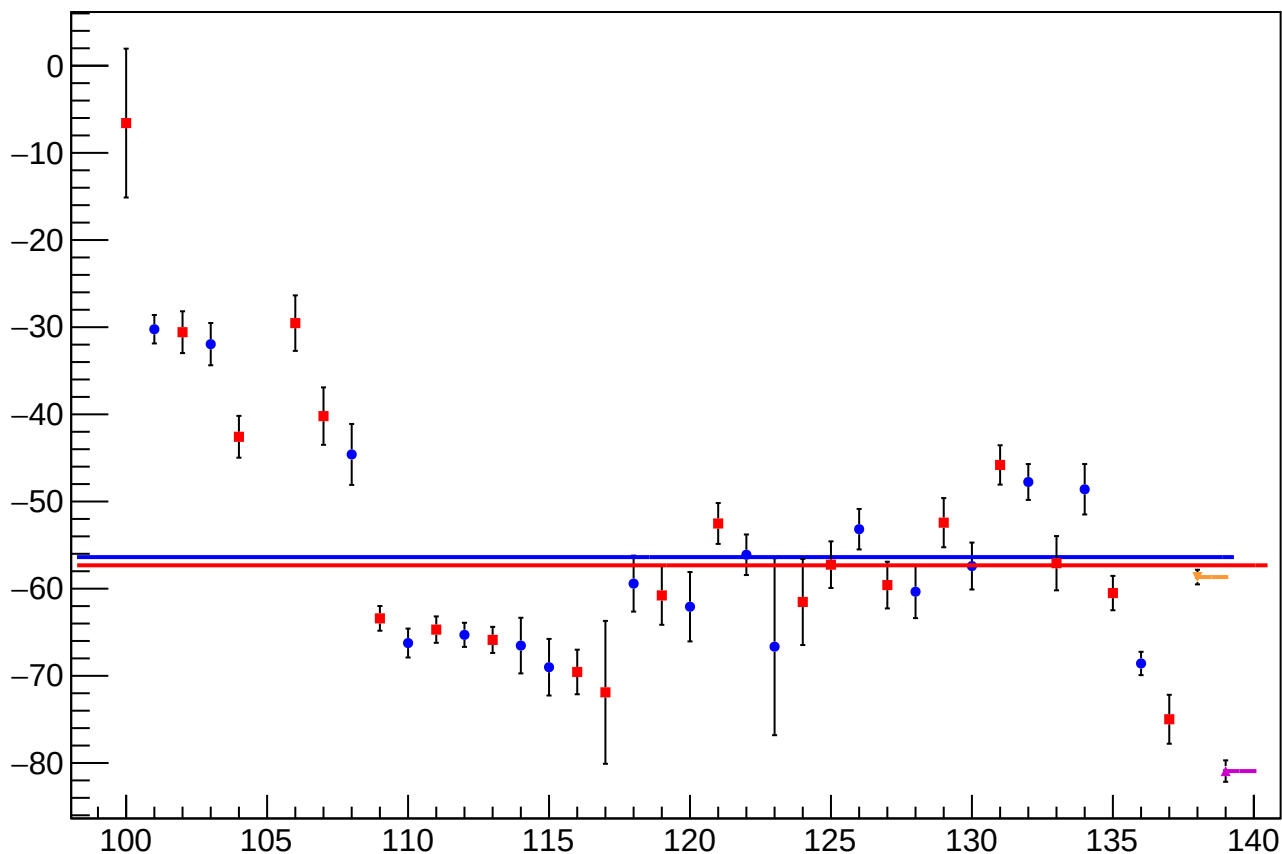
Right Out: 3.890+/-0.316 χ^2/NDF : 134.5/19

Left In: 7.720+/-1.958 χ^2/NDF : 0.0/0

4.801+/-0.284 χ^2/NDF : 218.0/17

3.987+/-0.312 χ^2/NDF : 138.2/20

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 $\pm$ 0.542 χ^2 /NDF: 587.4/16

-57.052 $\pm$ 0.455 χ^2 /NDF: 592.6/17

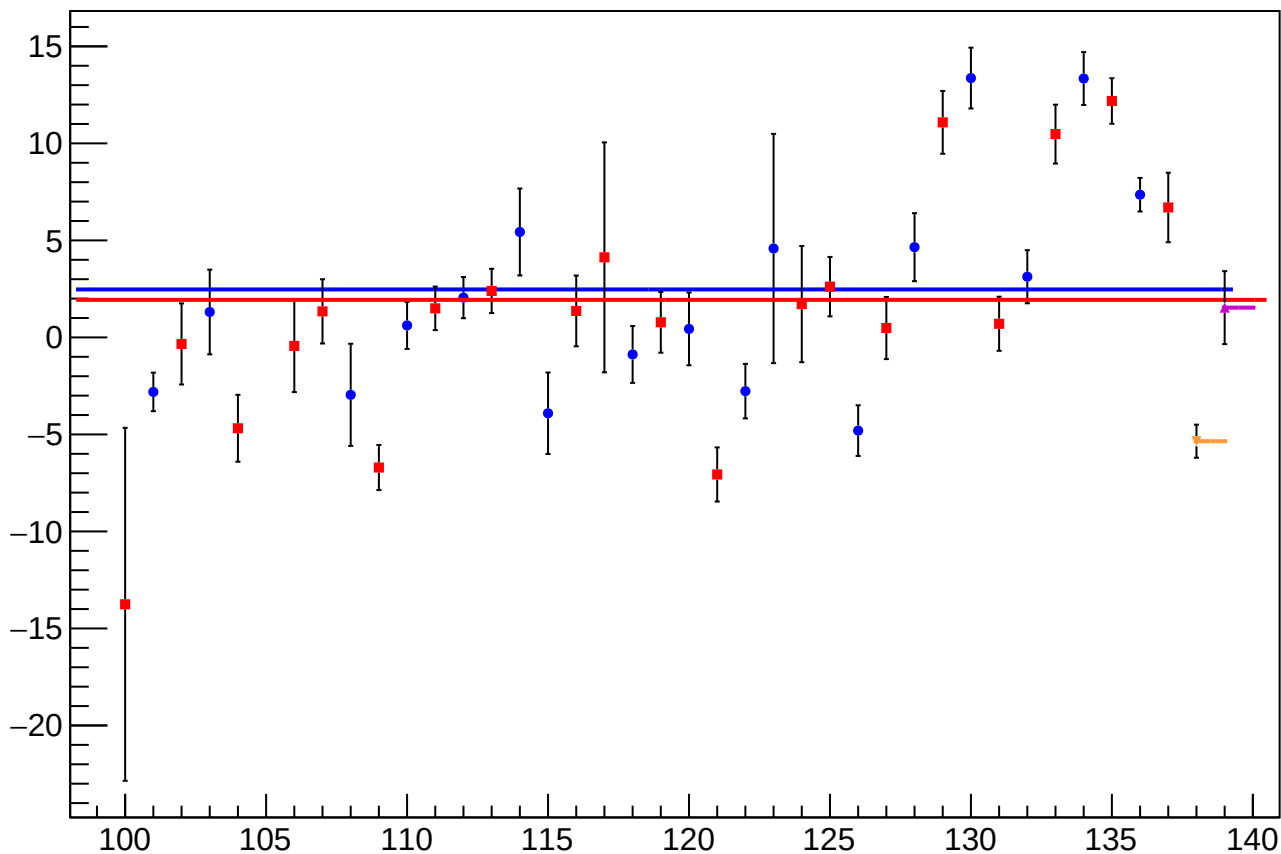
Left Out: -58.668 $\pm$ 0.839 χ^2 /NDF: 0.0/0

Right Out: -57.320 $\pm$ 0.535 χ^2 /NDF: 479.3/19

-61.067 $\pm$ 0.490 χ^2 /NDF: 788.7/20

Left In: -80.927 $\pm$ 1.231 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 $\pm$ 0.345 χ^2 /NDF: 243.6/16

Left Out: -5.349 $\pm$ 0.853 χ^2 /NDF: 0.0/0

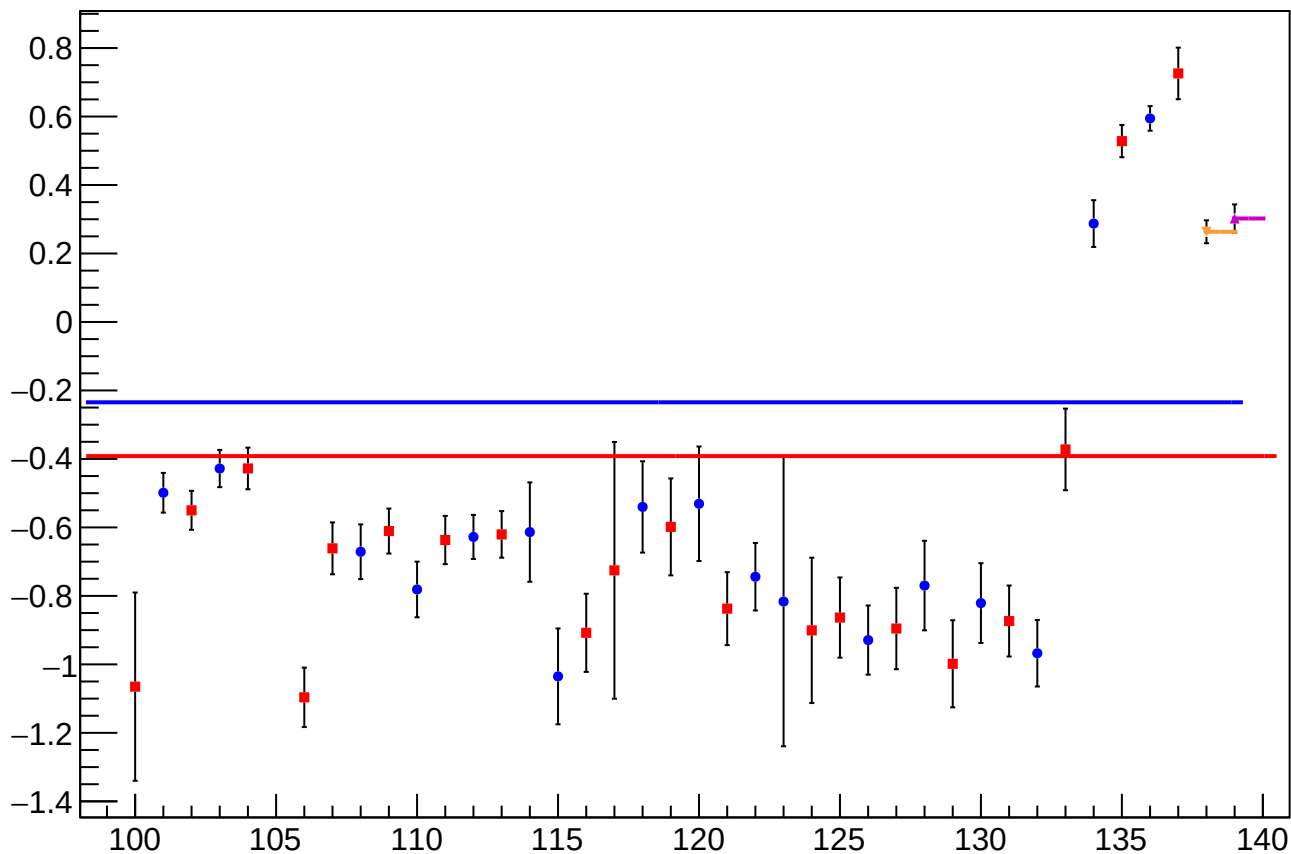
Right Out: 1.936 $\pm$ 0.354 χ^2 /NDF: 266.8/19

Left In: 1.535 $\pm$ 1.881 χ^2 /NDF: 0.0/0

1.370 $\pm$ 0.320 χ^2 /NDF: 315.8/17

1.922 $\pm$ 0.348 χ^2 /NDF: 266.8/20

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF : 958.4/16

Left Out: 0.263+/-0.033 χ^2/NDF : 0.0/0

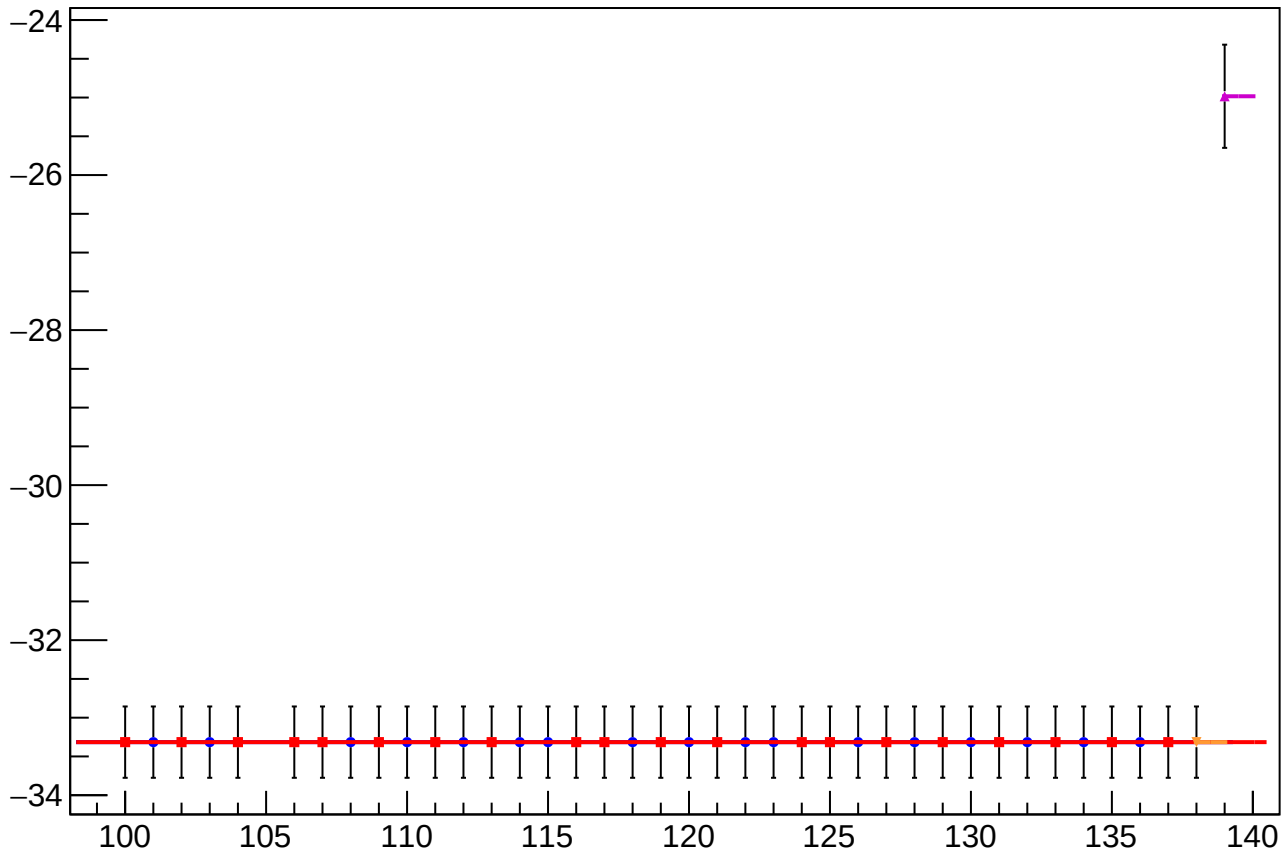
Right Out: -0.392+/-0.019 χ^2/NDF : 854.1/19

Left In: 0.302+/-0.041 χ^2/NDF : 0.0/0

-0.115+/-0.016 χ^2/NDF : 1126.4/17

-0.270+/-0.017 χ^2/NDF : 1089.4/20

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -33.316 $\pm$ 0.112 χ^2 /NDF: 0.0/16

Left Out: -33.316 $\pm$ 0.460 χ^2 /NDF: 0.0/0

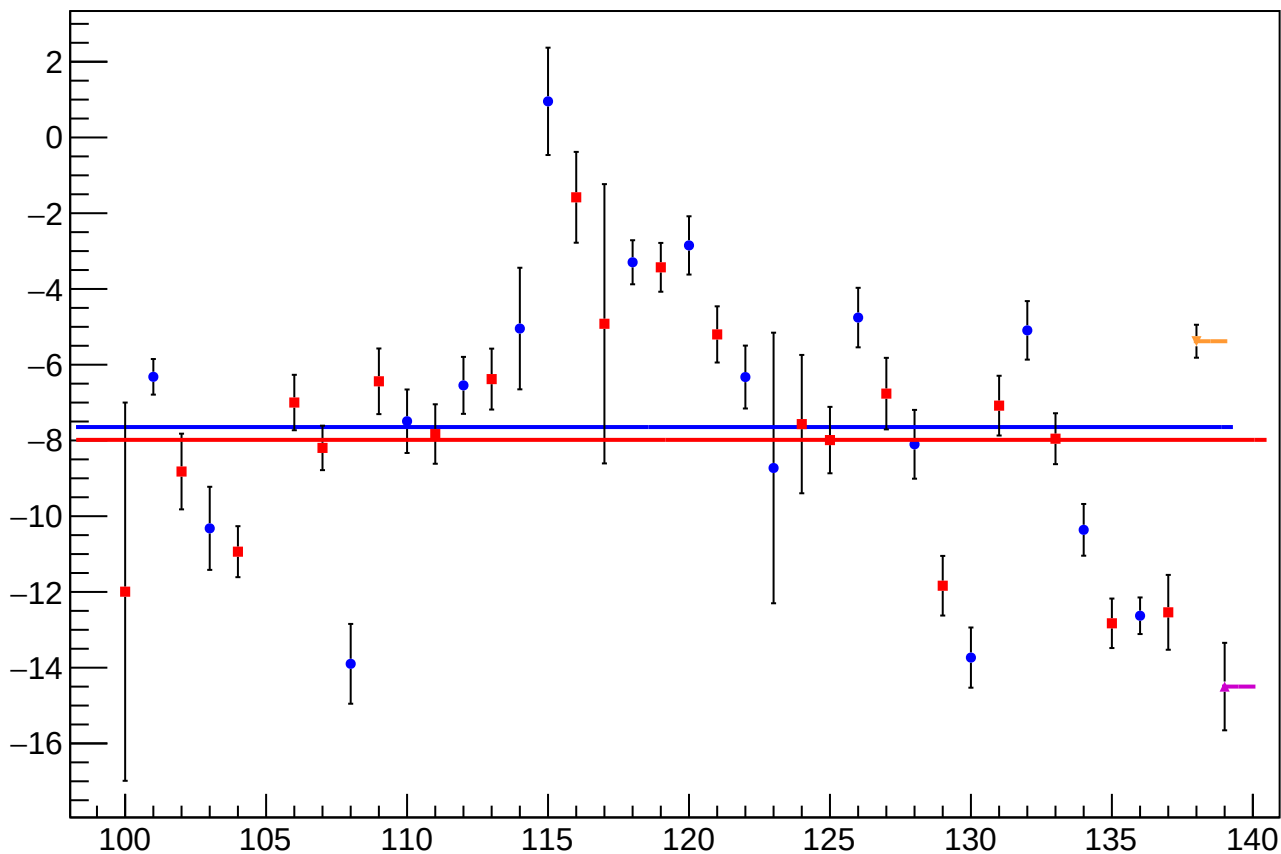
Right Out: -33.316 $\pm$ 0.103 χ^2 /NDF: 0.0/19

Left In: -24.983 $\pm$ 0.666 χ^2 /NDF: 0.0/0

-33.316 $\pm$ 0.108 χ^2 /NDF: 0.0/17

-33.121 $\pm$ 0.102 χ^2 /NDF: 153.1/20

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -5.380 ± 0.435 χ^2/NDF : 0.0/0

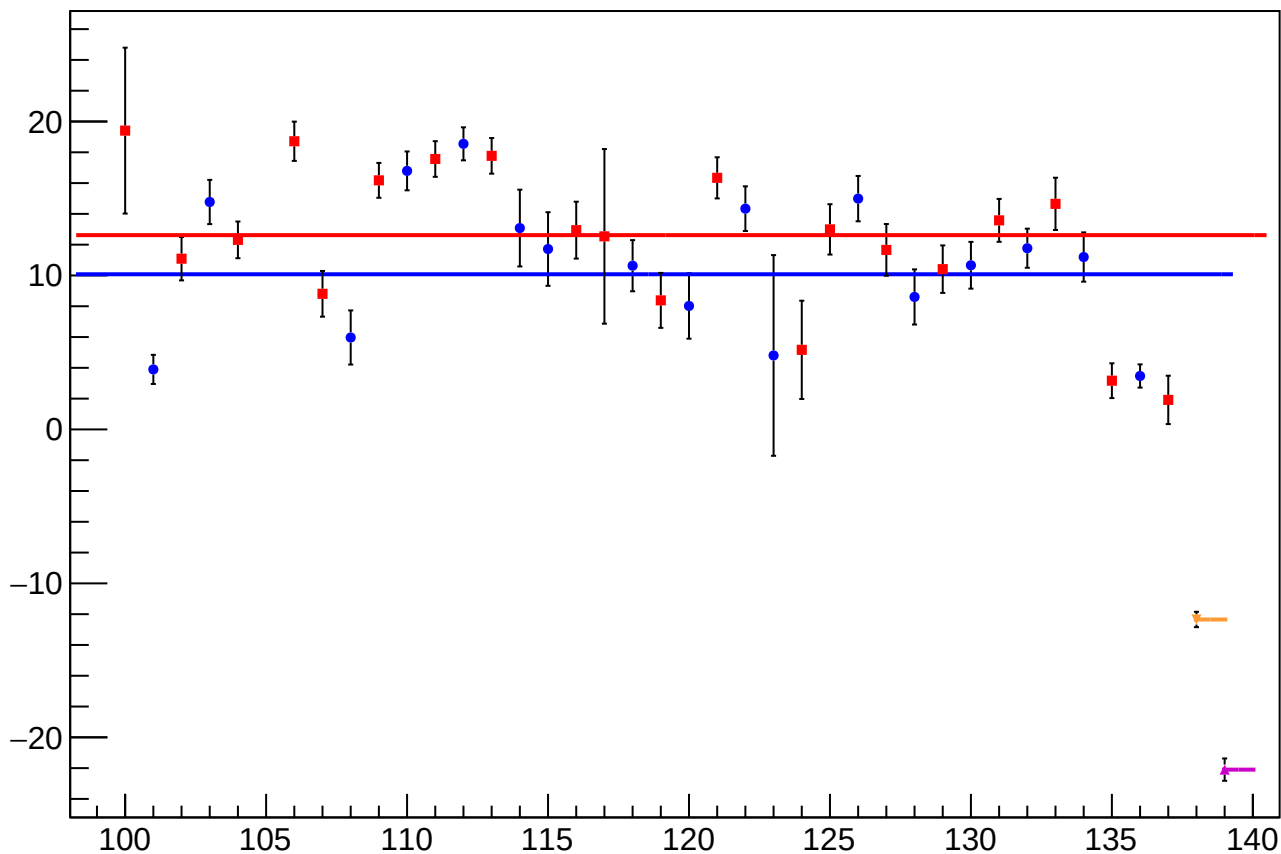
Right Out: -7.985 ± 0.186 χ^2/NDF : 226.1/19

Left In: -14.499 ± 1.155 χ^2/NDF : 0.0/0

-7.297 ± 0.171 χ^2/NDF : 416.6/17

-8.149 ± 0.183 χ^2/NDF : 257.2/20

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



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

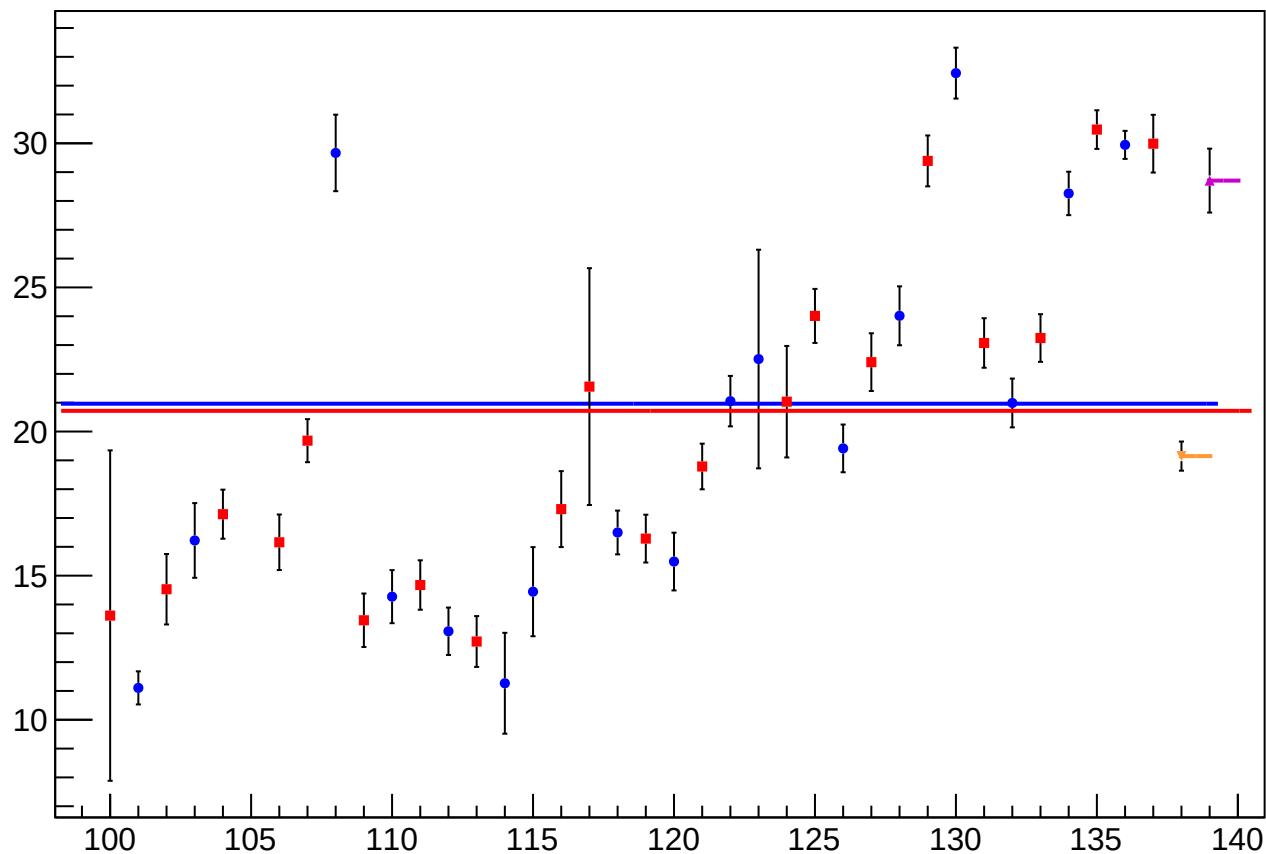
Right Out: 12.620 $\pm$ 0.332 χ^2 /NDF: 220.0/19

Left In: -22.098 $\pm$ 0.726 χ^2 /NDF: 0.0/0

3.049 $\pm$ 0.279 χ^2 /NDF: 1642.4/17

6.614 $\pm$ 0.302 χ^2 /NDF: 2113.1/20

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965 $\pm$ 0.209 χ^2 /NDF: 1225.5/16

Left Out: 19.147 $\pm$ 0.506 χ^2 /NDF: 0.0/0

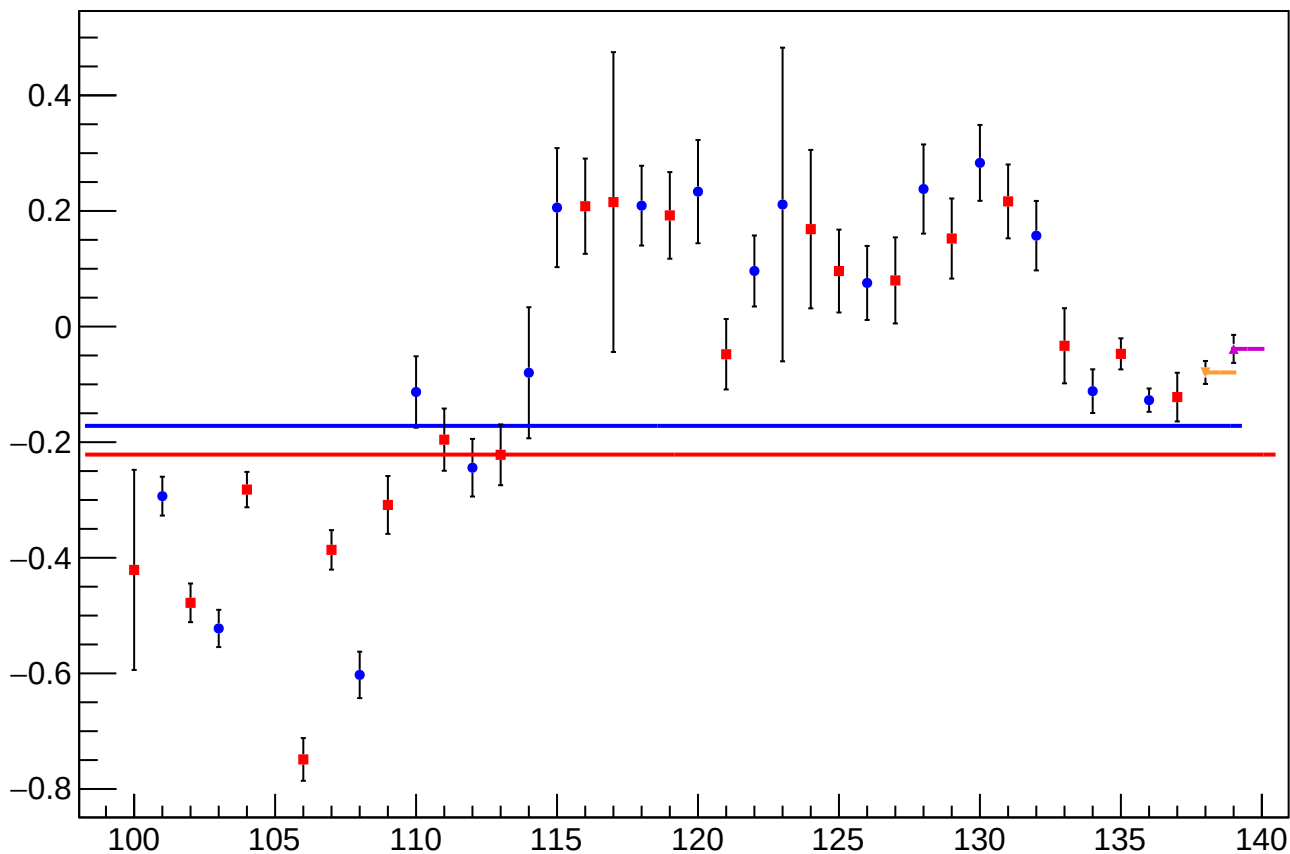
Right Out: 20.718 $\pm$ 0.212 χ^2 /NDF: 729.9/19

Left In: 28.706 $\pm$ 1.109 χ^2 /NDF: 0.0/0

20.699 $\pm$ 0.194 χ^2 /NDF: 1236.5/17

21.000 $\pm$ 0.209 χ^2 /NDF: 780.0/20

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.079 ± 0.020 χ^2/NDF : 0.0/0

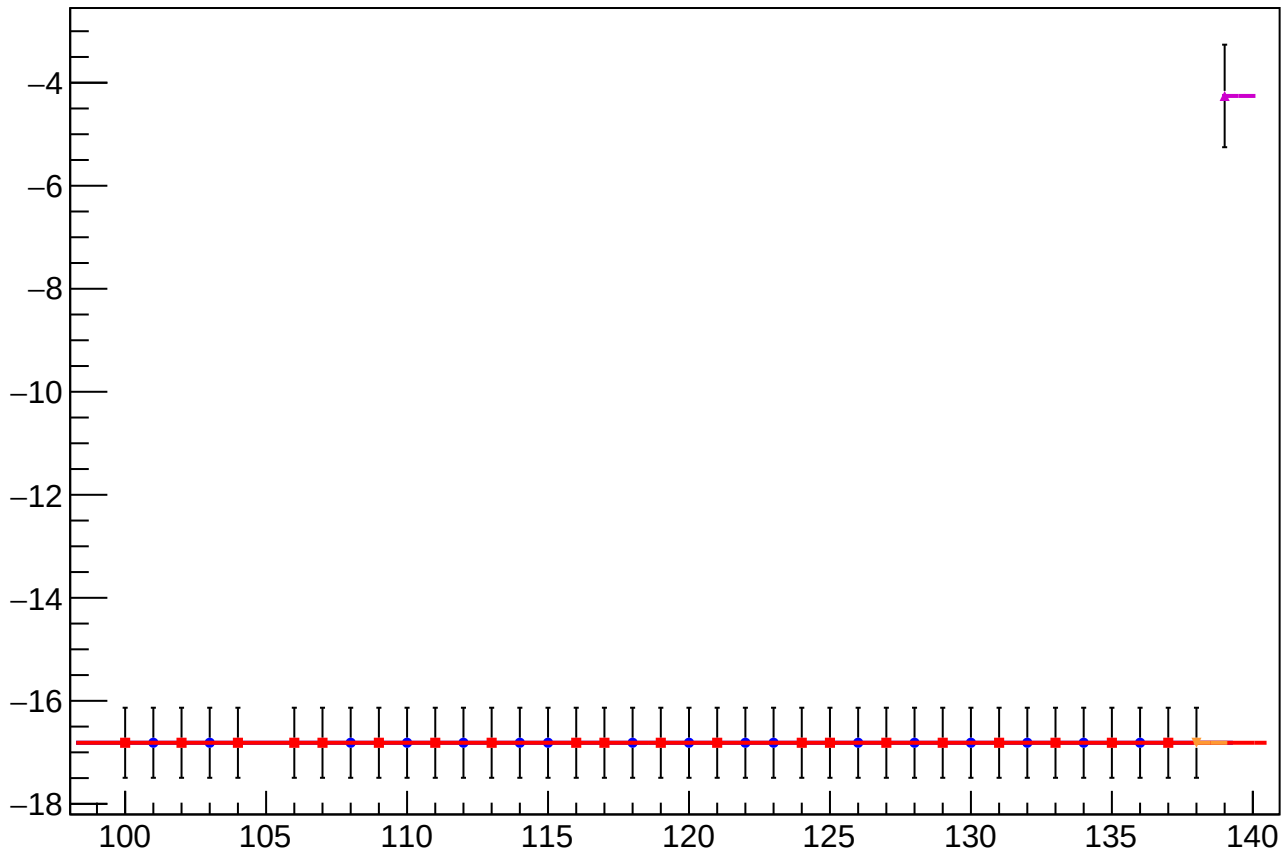
Right Out: -0.221 ± 0.011 χ^2/NDF : 538.9/19

Left In: -0.039 ± 0.024 χ^2/NDF : 0.0/0

-0.150 ± 0.010 χ^2/NDF : 480.6/17

-0.191 ± 0.010 χ^2/NDF : 586.3/20

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -16.814 $\pm$ 0.165 χ^2 /NDF: 0.0/16

Left Out: -16.814 $\pm$ 0.680 χ^2 /NDF: 0.0/0

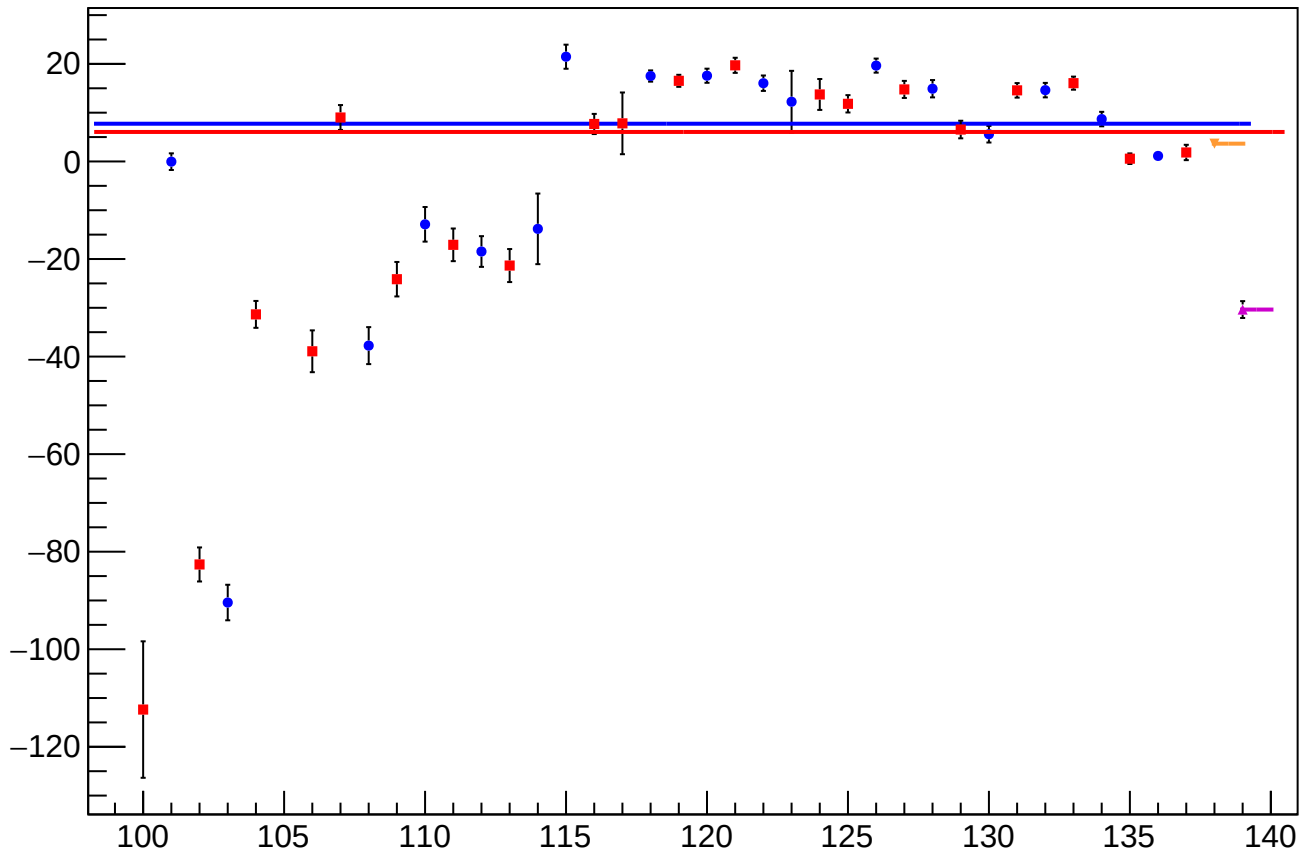
Right Out: -16.814 $\pm$ 0.152 χ^2 /NDF: 0.0/19

Left In: -4.257 $\pm$ 0.995 χ^2 /NDF: 0.0/0

-16.814 $\pm$ 0.160 χ^2 /NDF: 0.0/17

-16.528 $\pm$ 0.150 χ^2 /NDF: 155.5/20

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 $\pm$ 0.403 χ^2 /NDF: 1358.4/16

Left Out: 3.648 $\pm$ 0.650 χ^2 /NDF: 0.0/0

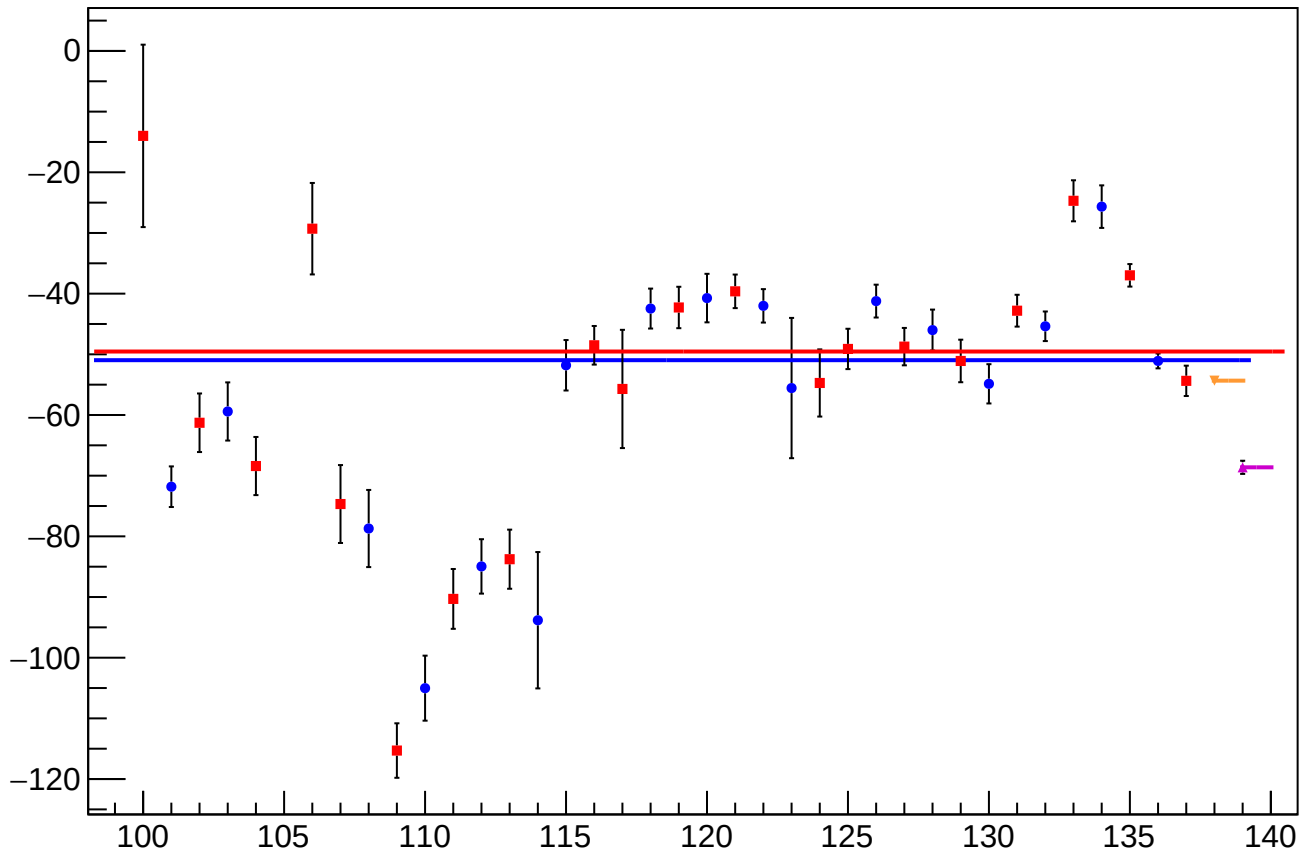
Right Out: 6.048 $\pm$ 0.433 χ^2 /NDF: 1512.2/19

Left In: -30.361 $\pm$ 1.726 χ^2 /NDF: 0.0/0

6.601 $\pm$ 0.342 χ^2 /NDF: 1387.0/17

3.890 $\pm$ 0.420 χ^2 /NDF: 1930.9/20

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -54.339 ± 0.737 χ^2/NDF : 0.0/0

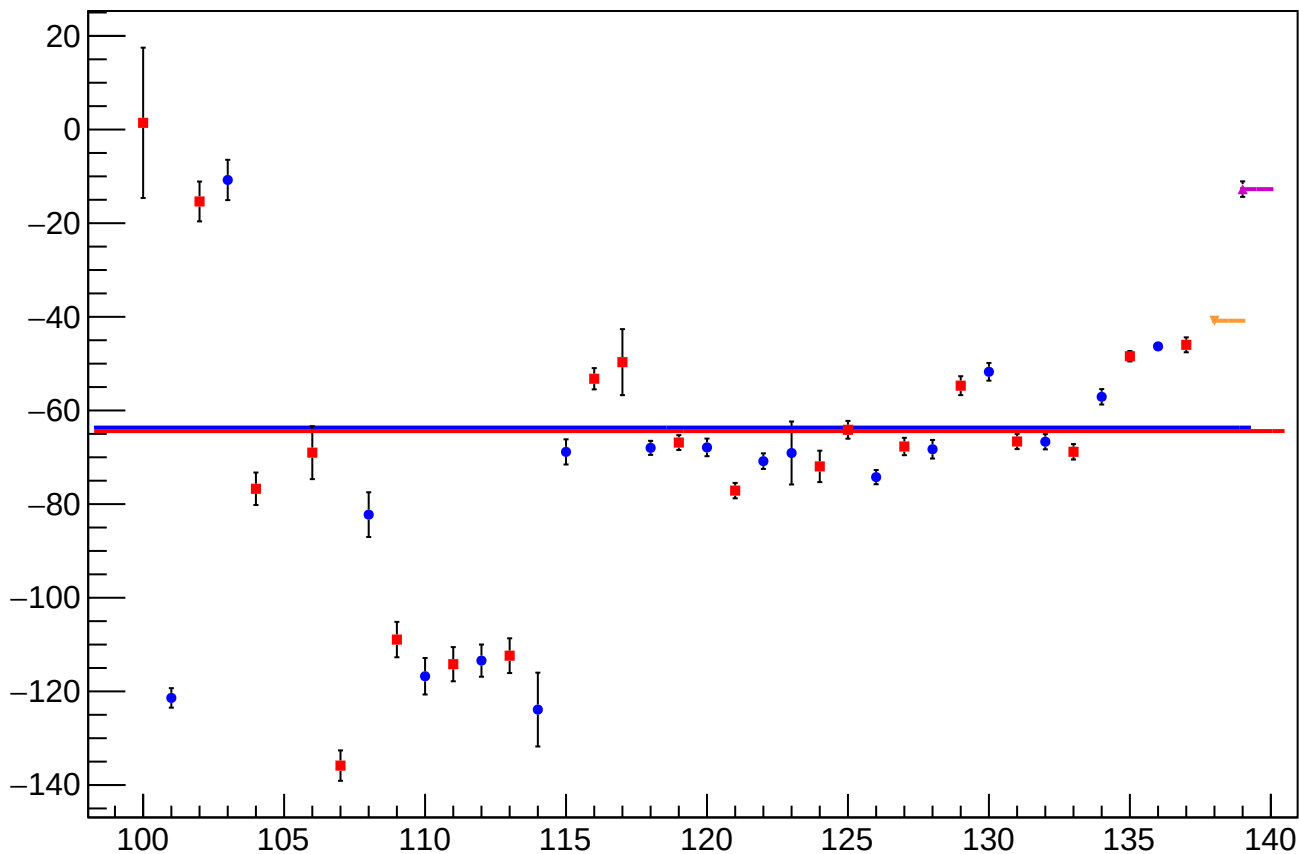
Right Out: -49.538 ± 0.795 χ^2/NDF : 510.8/19

Left In: -68.624 ± 1.085 χ^2/NDF : 0.0/0

-52.653 ± 0.521 χ^2/NDF : 343.1/17

-56.198 ± 0.641 χ^2/NDF : 712.1/20

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 $\pm$ 0.445 χ^2 /NDF: 2014.7/16

Left Out: -40.834 $\pm$ 0.753 χ^2 /NDF: 0.0/0

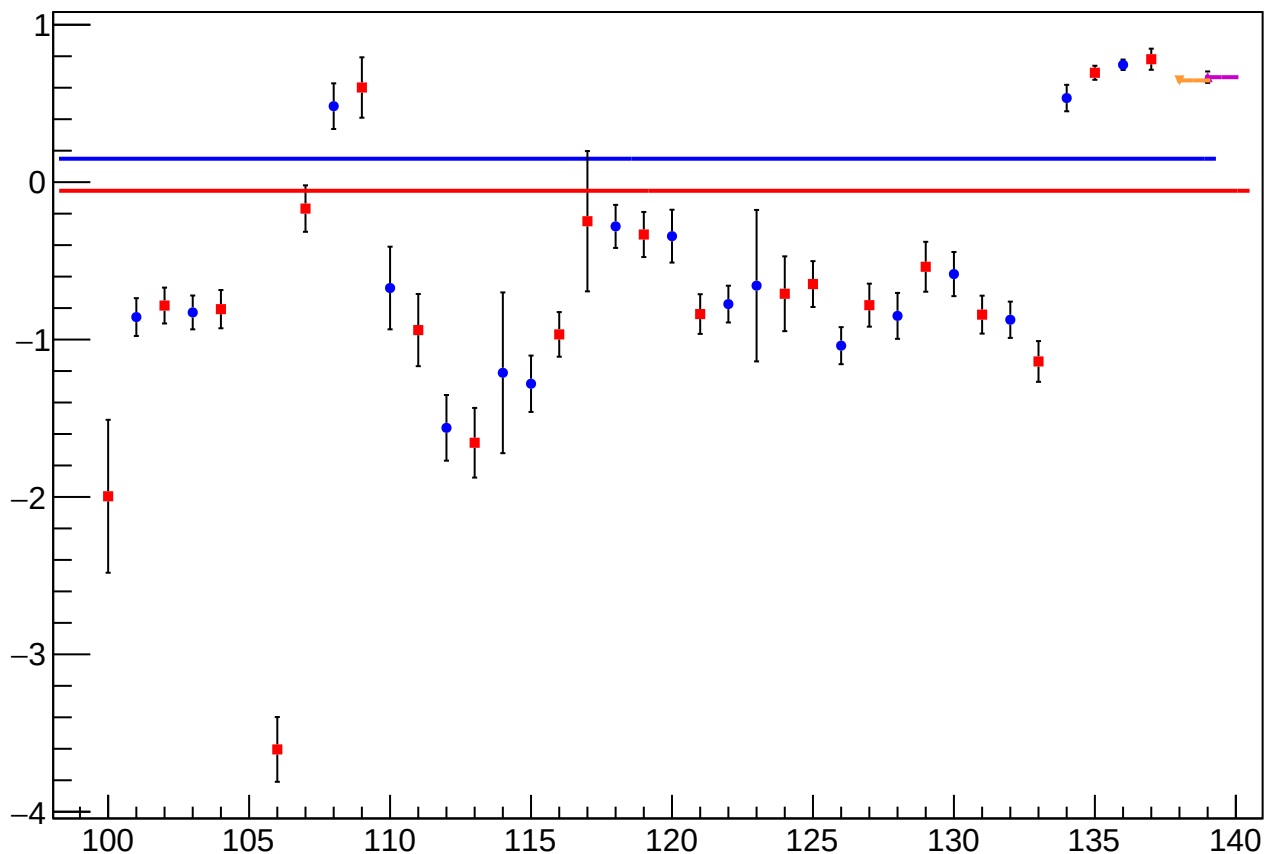
Right Out: -64.401 $\pm$ 0.481 χ^2 /NDF: 1611.2/19

Left In: -12.725 $\pm$ 1.657 χ^2 /NDF: 0.0/0

-57.737 $\pm$ 0.383 χ^2 /NDF: 2695.8/17

-60.381 $\pm$ 0.462 χ^2 /NDF: 2507.6/20

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF : 989.9/16

Left Out: 0.647+/-0.029 χ^2/NDF : 0.0/0

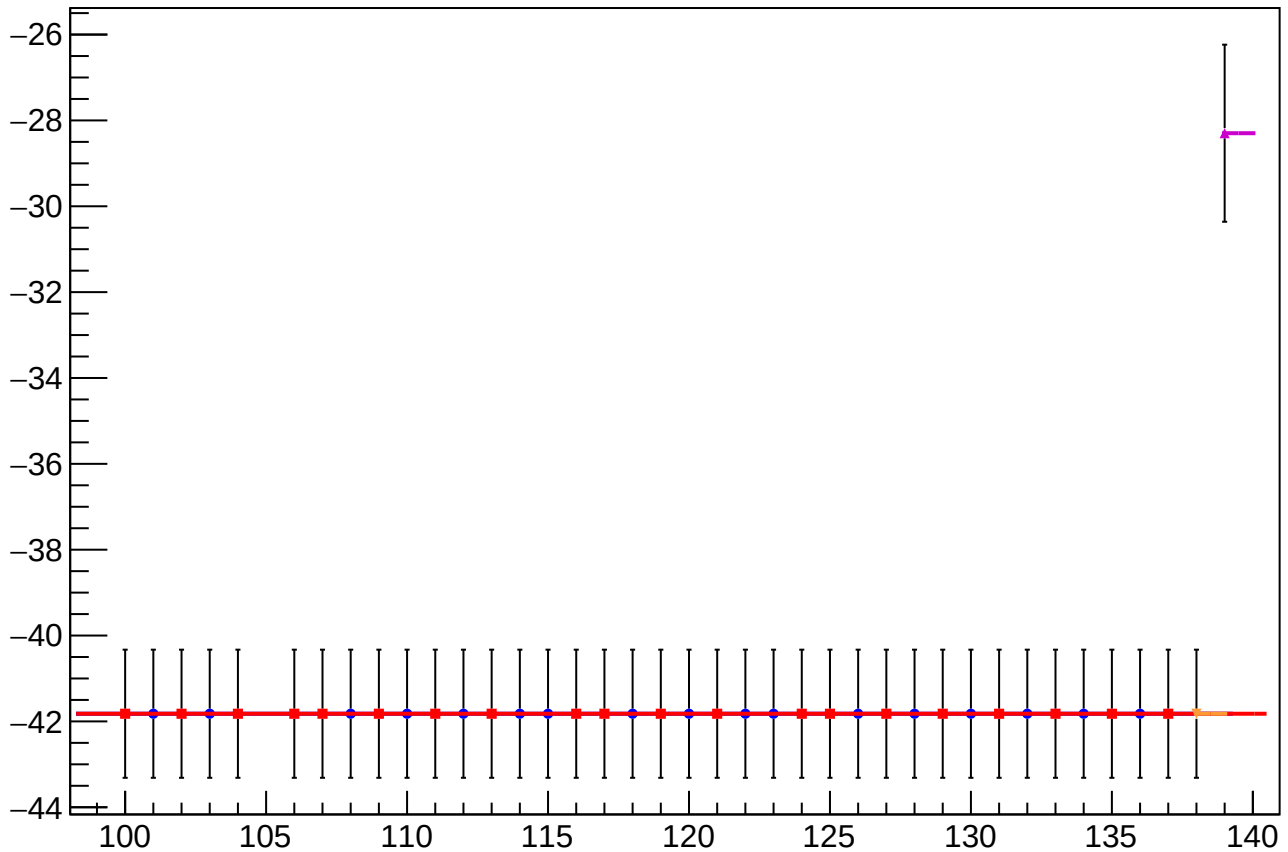
Right Out: -0.055+/-0.026 χ^2/NDF : 1168.0/19

Left In: 0.667+/-0.036 χ^2/NDF : 0.0/0

0.348+/-0.019 χ^2/NDF : 1162.1/17

0.192+/-0.021 χ^2/NDF : 1428.9/20

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -41.821 $\pm$ 0.362 χ^2 /NDF: 0.0/16

Left Out: -41.821 $\pm$ 1.492 χ^2 /NDF: 0.0/0

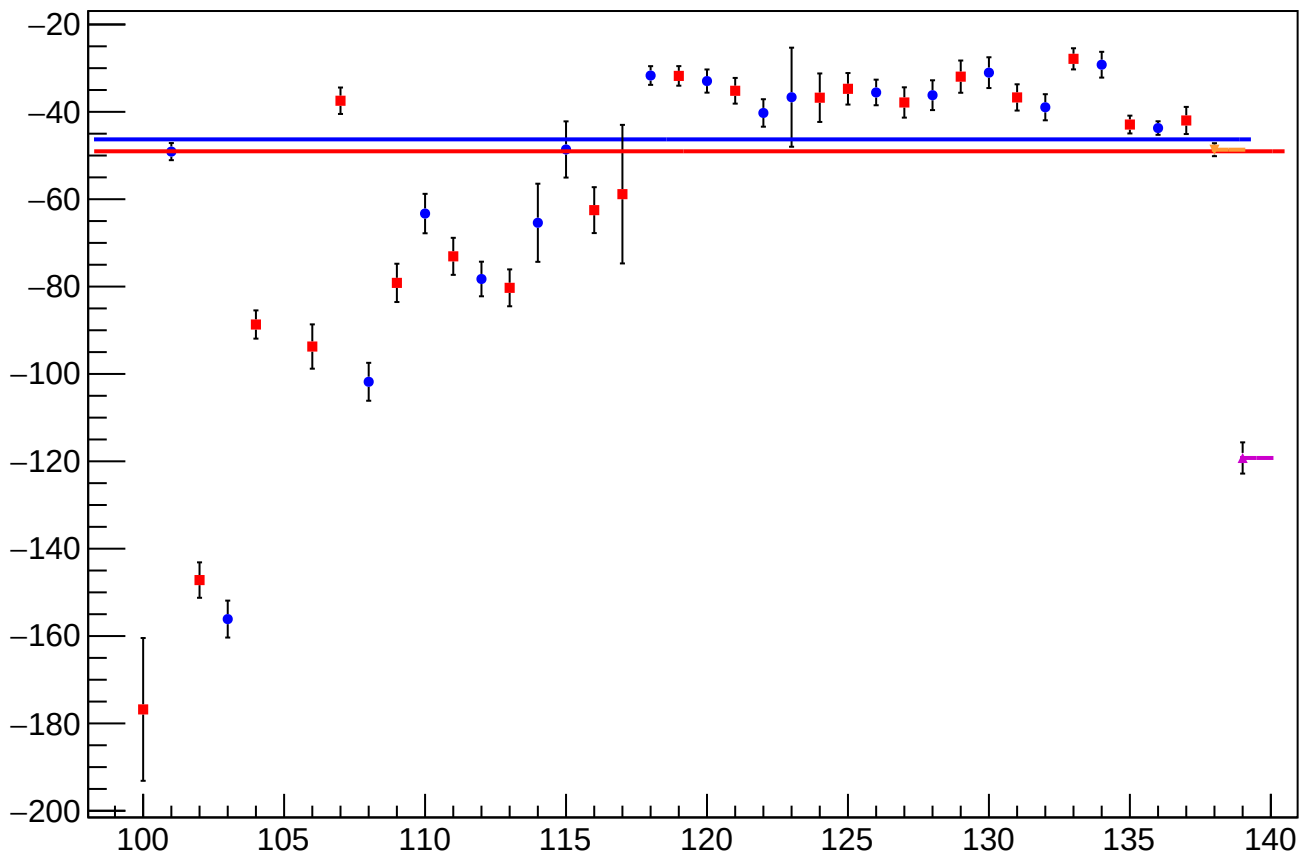
Right Out: -41.821 $\pm$ 0.334 χ^2 /NDF: 0.0/19

Left In: -28.298 $\pm$ 2.063 χ^2 /NDF: 0.0/0

-41.821 $\pm$ 0.352 χ^2 /NDF: 0.0/17

-41.477 $\pm$ 0.329 χ^2 /NDF: 41.9/20

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 $\pm$ 0.723 χ^2 /NDF: 1084.0/16

Left Out: -48.663 $\pm$ 1.485 χ^2 /NDF: 0.0/0

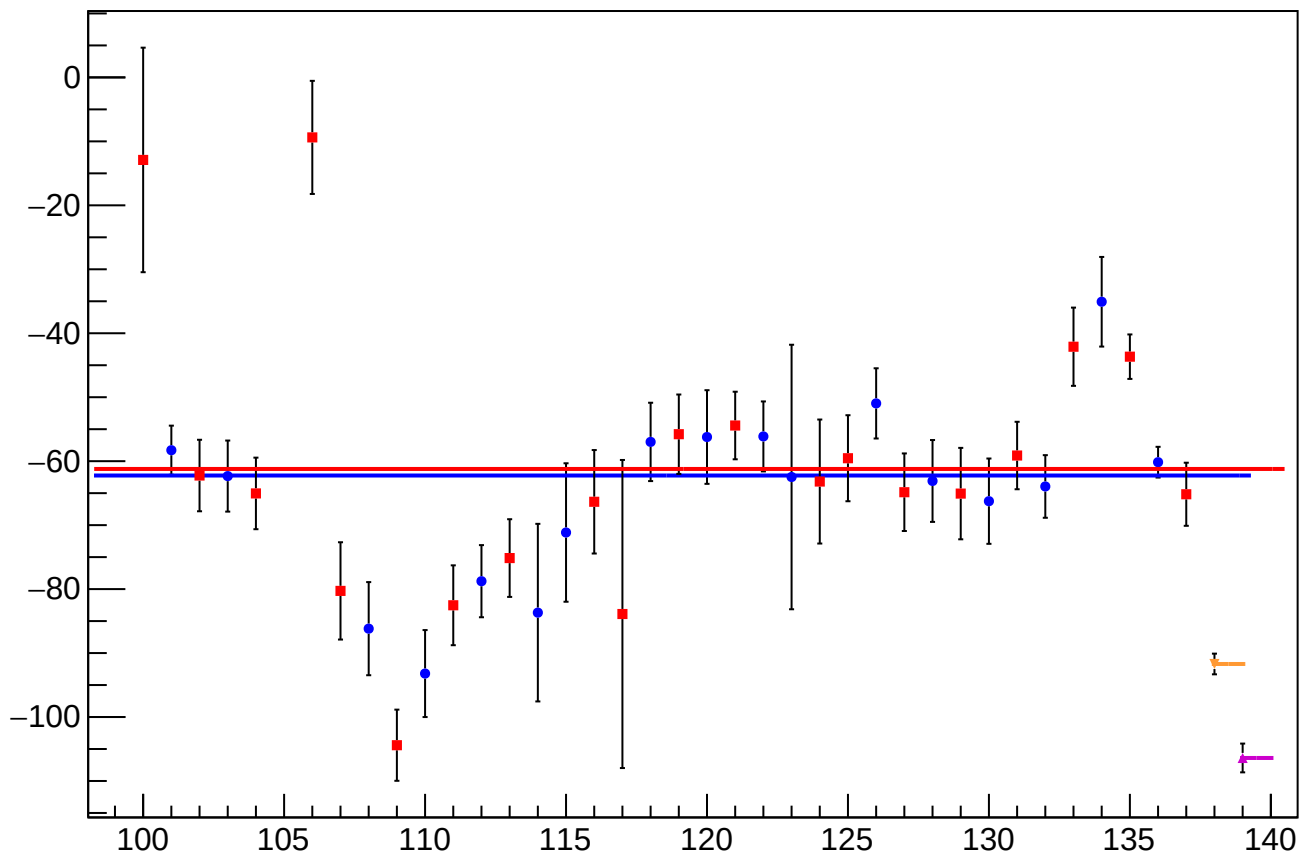
Right Out: -49.031 $\pm$ 0.763 χ^2 /NDF: 1272.0/19

Left In: -119.234 $\pm$ 3.574 χ^2 /NDF: 0.0/0

-46.753 $\pm$ 0.650 χ^2 /NDF: 1086.1/17

-52.090 $\pm$ 0.746 χ^2 /NDF: 1641.0/20

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -91.708 ± 1.618 χ^2/NDF : 0.0/0

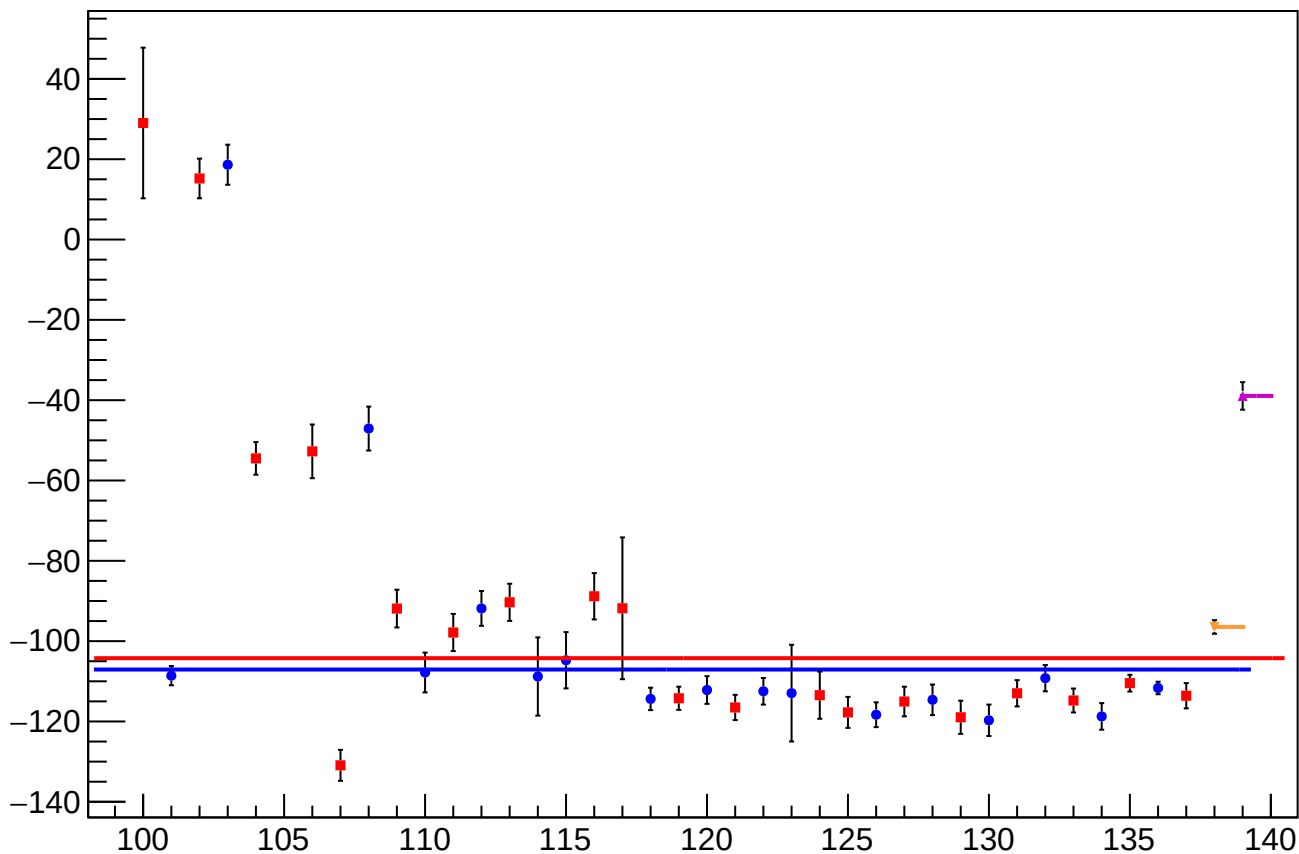
Right Out: -61.216 ± 1.377 χ^2/NDF : 166.5/19

Left In: -106.403 ± 2.249 χ^2/NDF : 0.0/0

-73.911 ± 1.018 χ^2/NDF : 267.7/17

-73.538 ± 1.175 χ^2/NDF : 460.0/20

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 $\pm$ 0.811 χ^2/NDF : 828.4/16

Left Out: -96.464 $\pm$ 1.703 χ^2/NDF : 0.0/0

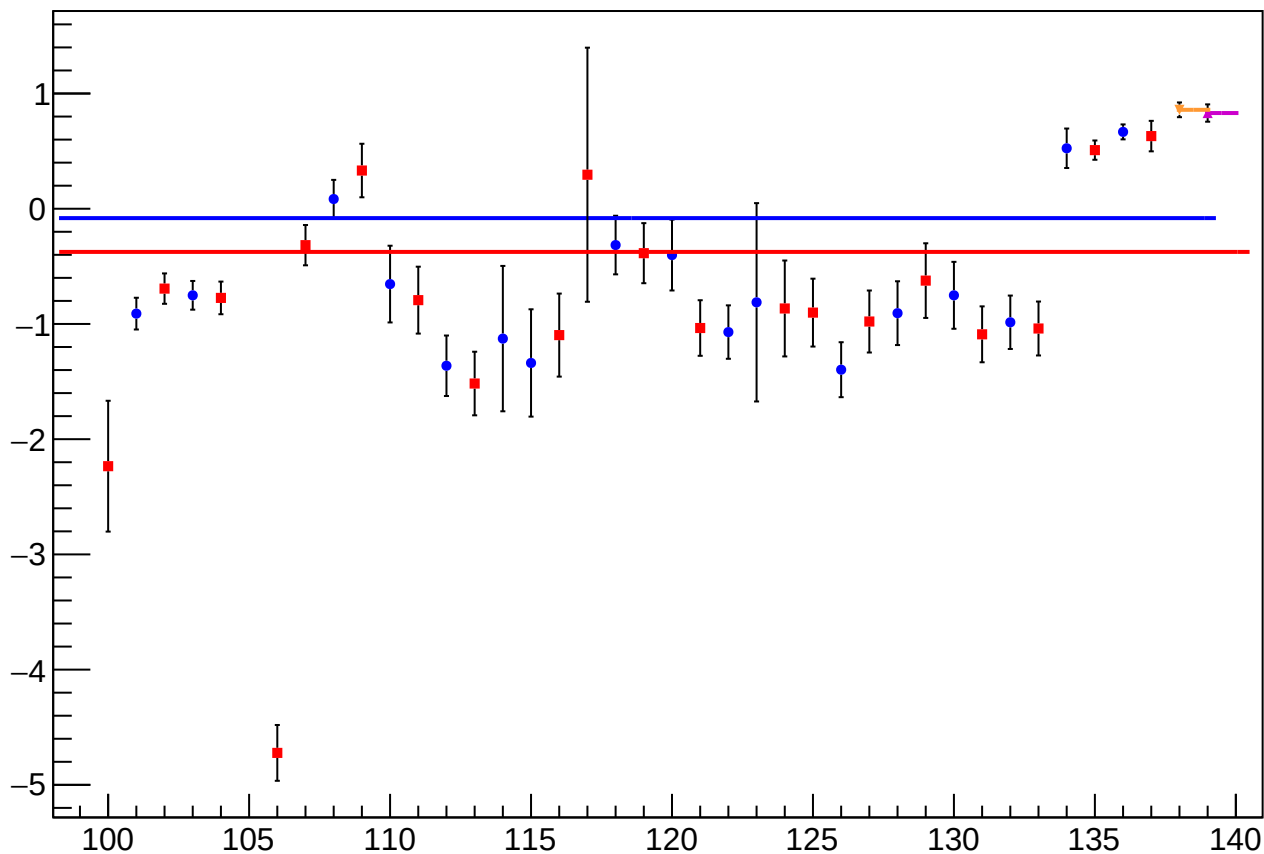
Right Out: -104.240 $\pm$ 0.860 χ^2/NDF : 1019.1/19

Left In: -38.939 $\pm$ 3.433 χ^2/NDF : 0.0/0

-105.105 $\pm$ 0.732 χ^2/NDF : 860.0/17

-100.384 $\pm$ 0.834 χ^2/NDF : 1359.6/20

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.858 ± 0.064 χ^2/NDF : 0.0/0

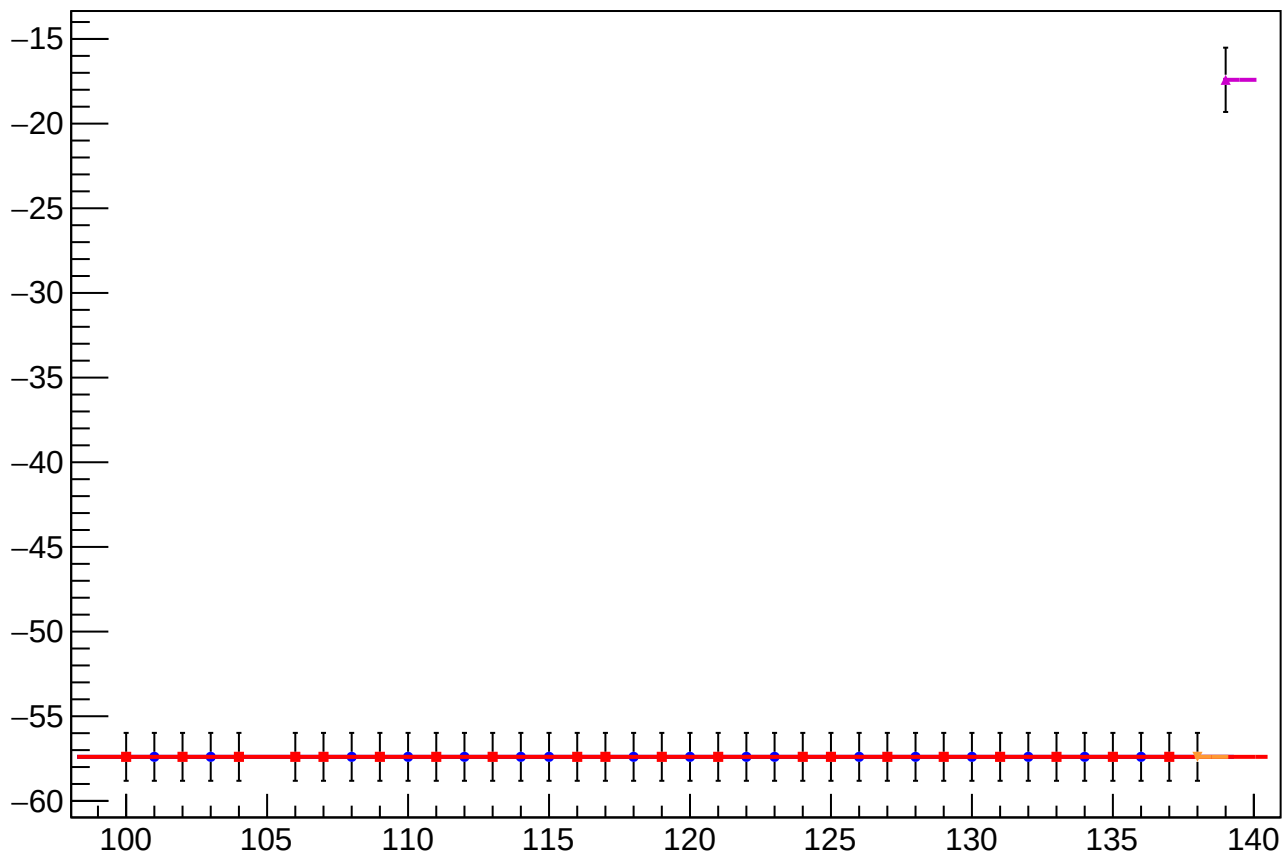
Right Out: -0.375 ± 0.044 χ^2/NDF : 583.4/19

Left In: 0.831 ± 0.075 χ^2/NDF : 0.0/0

0.203 ± 0.035 χ^2/NDF : 479.5/17

-0.069 ± 0.038 χ^2/NDF : 775.2/20

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

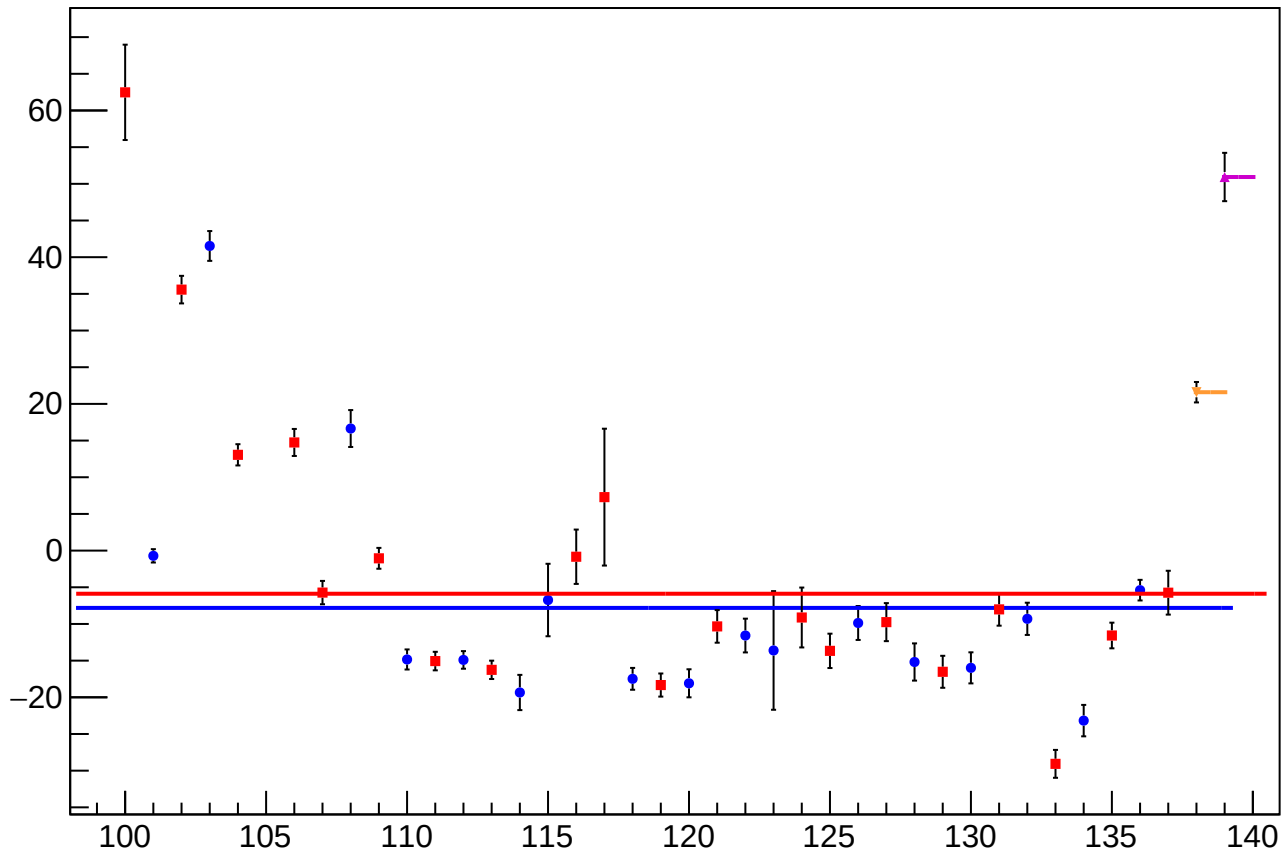
Right Out: -57.398 $\pm$ 0.316 χ^2 /NDF: 0.0/19

Left In: -17.413 $\pm$ 1.899 χ^2 /NDF: 0.0/0

-57.398 $\pm$ 0.333 χ^2 /NDF: 0.0/17

-56.318 $\pm$ 0.312 χ^2 /NDF: 431.5/20

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812+/-0.427 χ^2/NDF : 982.8/16

Left Out: 21.593+/-1.394 χ^2/NDF : 0.0/0

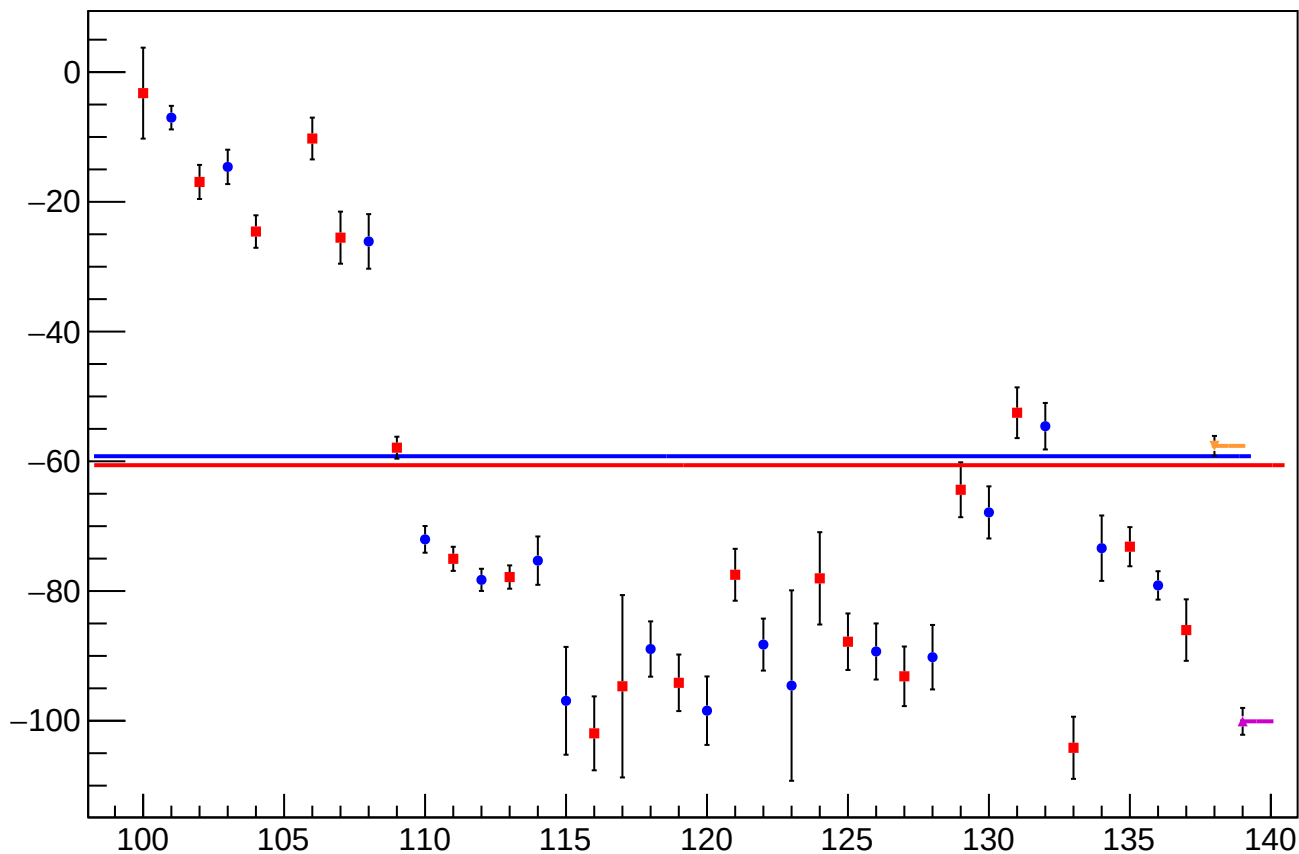
Right Out: -5.880+/-0.429 χ^2/NDF : 1295.1/19

Left In: 50.930+/-3.294 χ^2/NDF : 0.0/0

-5.287+/-0.409 χ^2/NDF : 1389.5/17

-4.934+/-0.425 χ^2/NDF : 1587.6/20

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214±/0.744 χ^2/NDF : 1720.4/16

Left Out: -57.620±/1.533 χ^2/NDF : 0.0/0

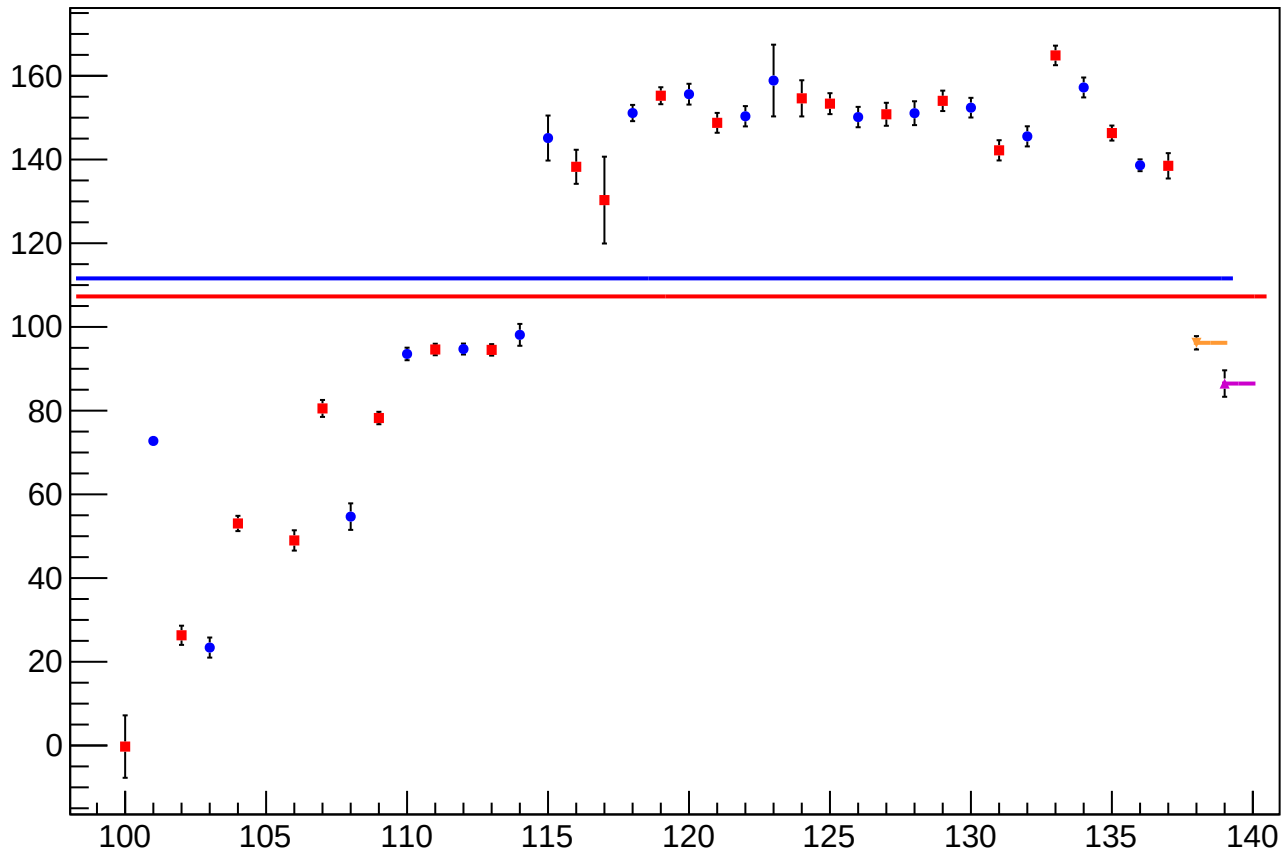
Right Out: -60.598±/0.703 χ^2/NDF : 1389.8/19

Left In: -100.087±/2.070 χ^2/NDF : 0.0/0

-58.910±/0.669 χ^2/NDF : 1721.3/17

-64.685±/0.666 χ^2/NDF : 1716.1/20

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599 $\pm$ 0.487 χ^2 /NDF: 5959.5/16

Left Out: 96.209 $\pm$ 1.603 χ^2 /NDF: 0.0/0

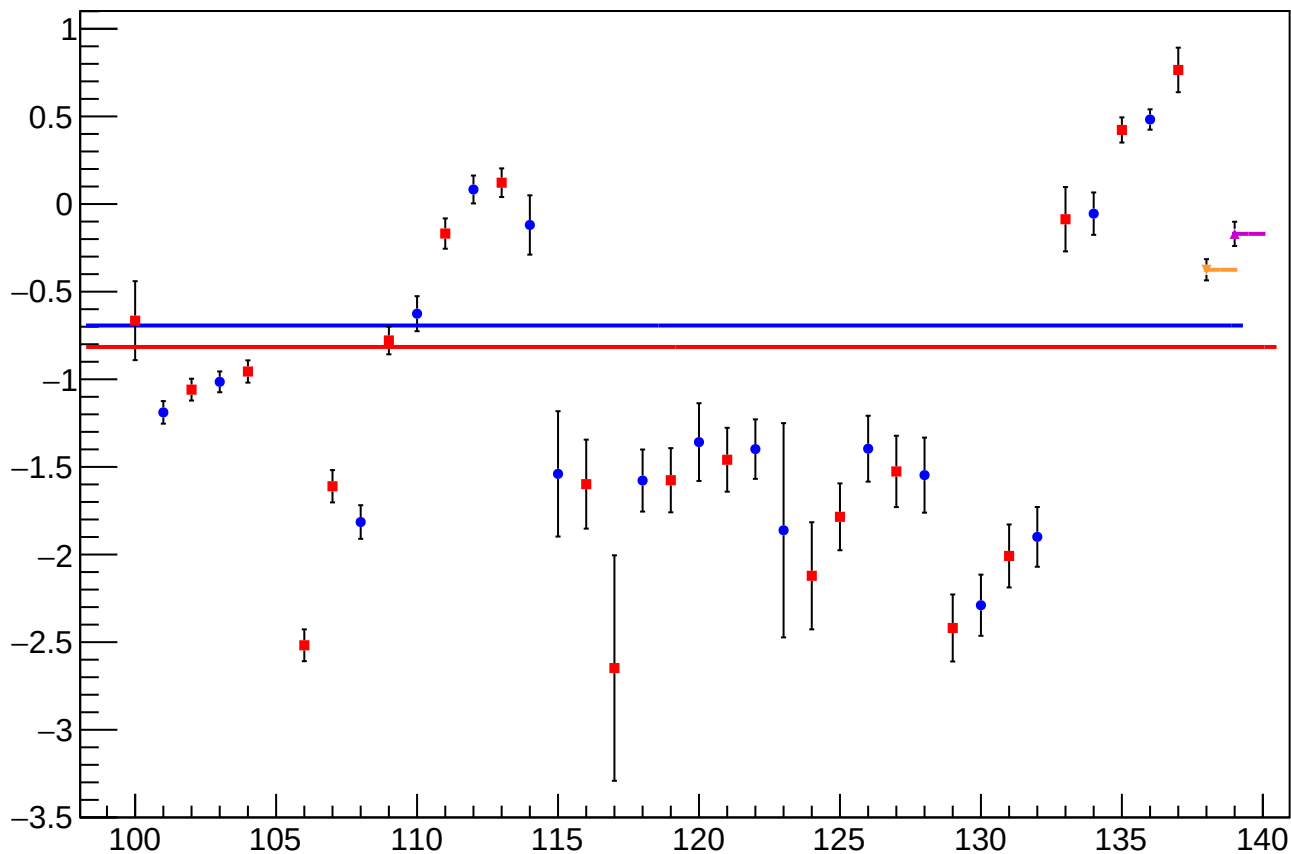
Right Out: 107.289 $\pm$ 0.487 χ^2 /NDF: 7042.4/19

Left In: 86.475 $\pm$ 3.164 χ^2 /NDF: 0.0/0

110.300 $\pm$ 0.466 χ^2 /NDF: 6043.9/17

106.807 $\pm$ 0.481 χ^2 /NDF: 7084.6/20

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693+/-0.026 χ^2/NDF : 993.1/16

Left Out: -0.375+/-0.061 χ^2/NDF : 0.0/0

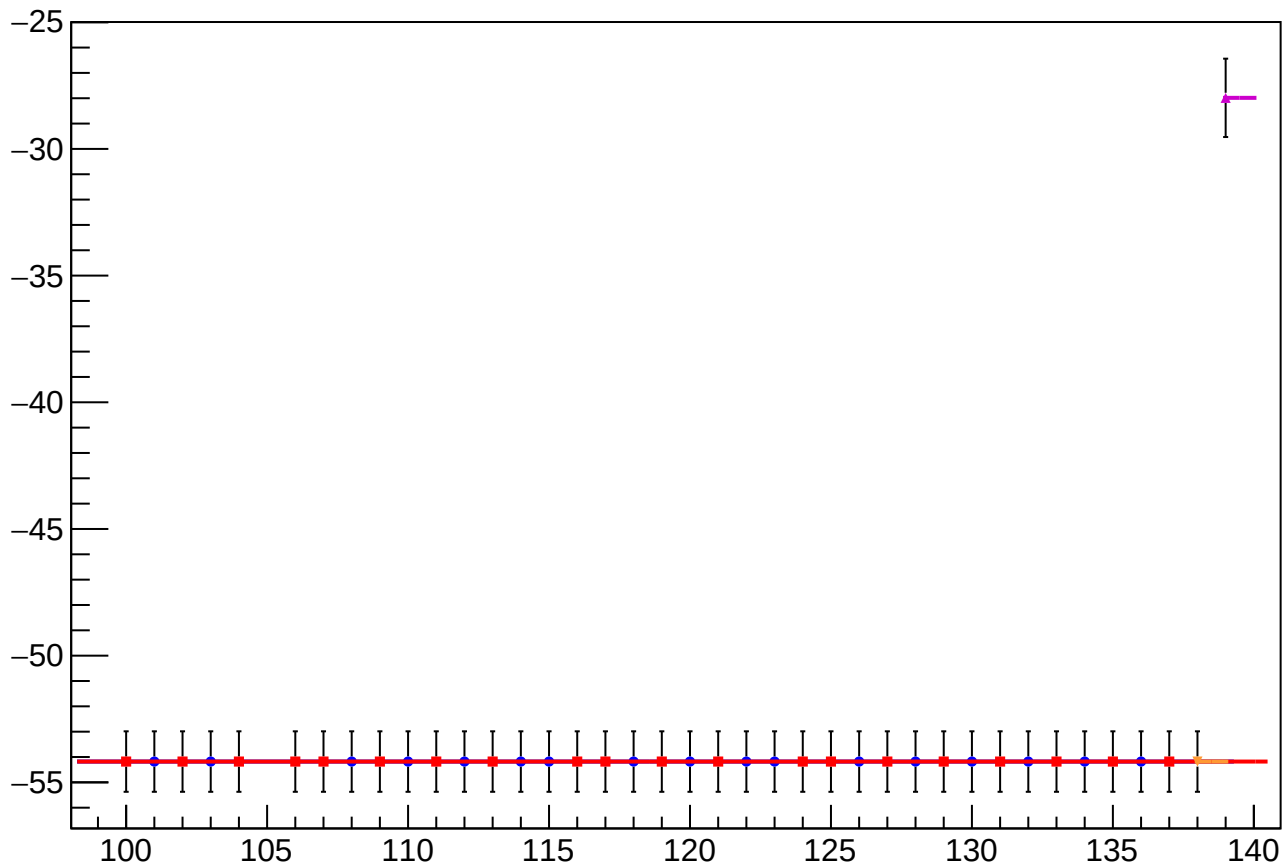
Right Out: -0.815+/-0.024 χ^2/NDF : 1318.8/19

Left In: -0.170+/-0.069 χ^2/NDF : 0.0/0

-0.644+/-0.024 χ^2/NDF : 1016.4/17

-0.744+/-0.023 χ^2/NDF : 1396.4/20

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

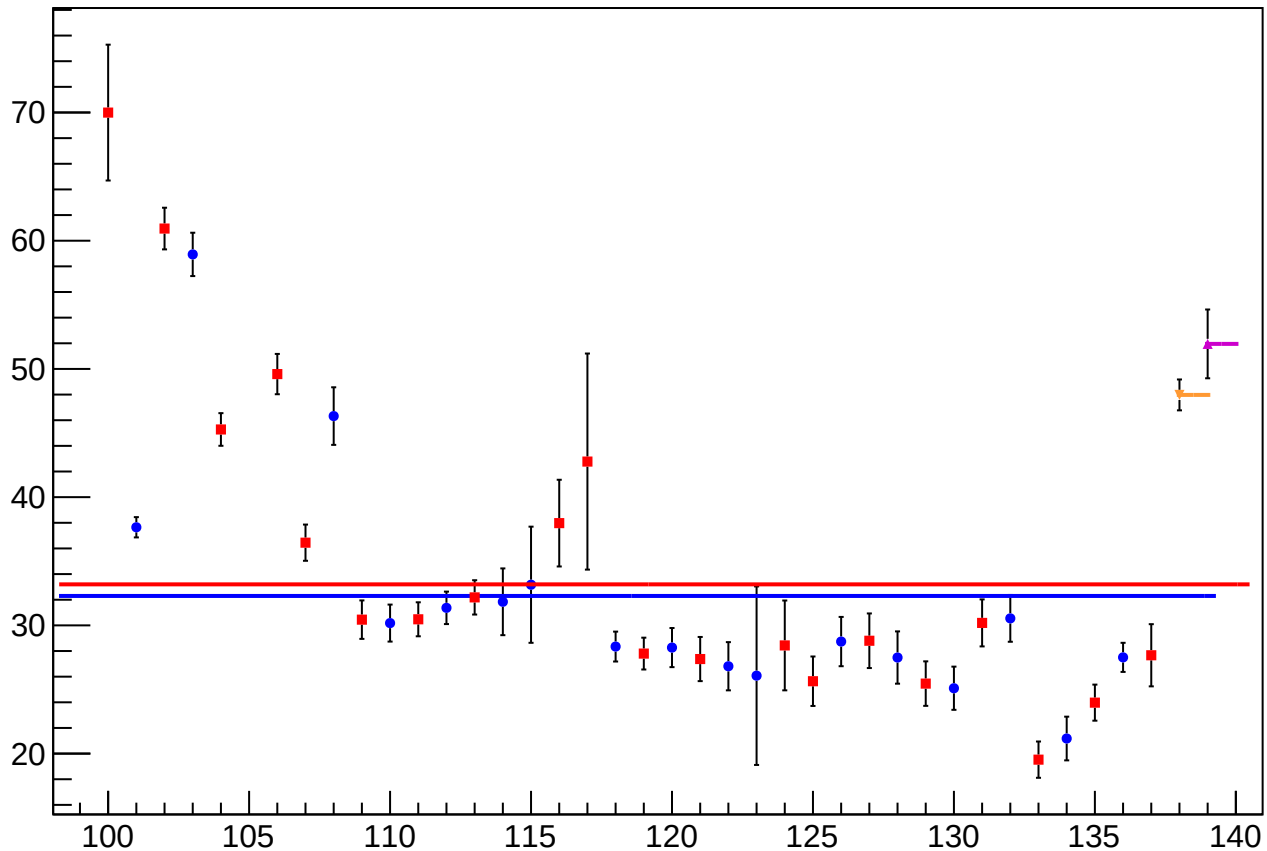
Right Out: -54.179 $\pm$ 0.267 χ^2 /NDF: 0.0/19

Left In: -27.985 $\pm$ 1.546 χ^2 /NDF: 0.0/0

-54.179 $\pm$ 0.281 χ^2 /NDF: 0.0/17

-53.421 $\pm$ 0.263 χ^2 /NDF: 278.7/20

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295+/-0.373 χ^2 /NDF: 452.2/16

Left Out: 47.974+/-1.204 χ^2 /NDF: 0.0/0

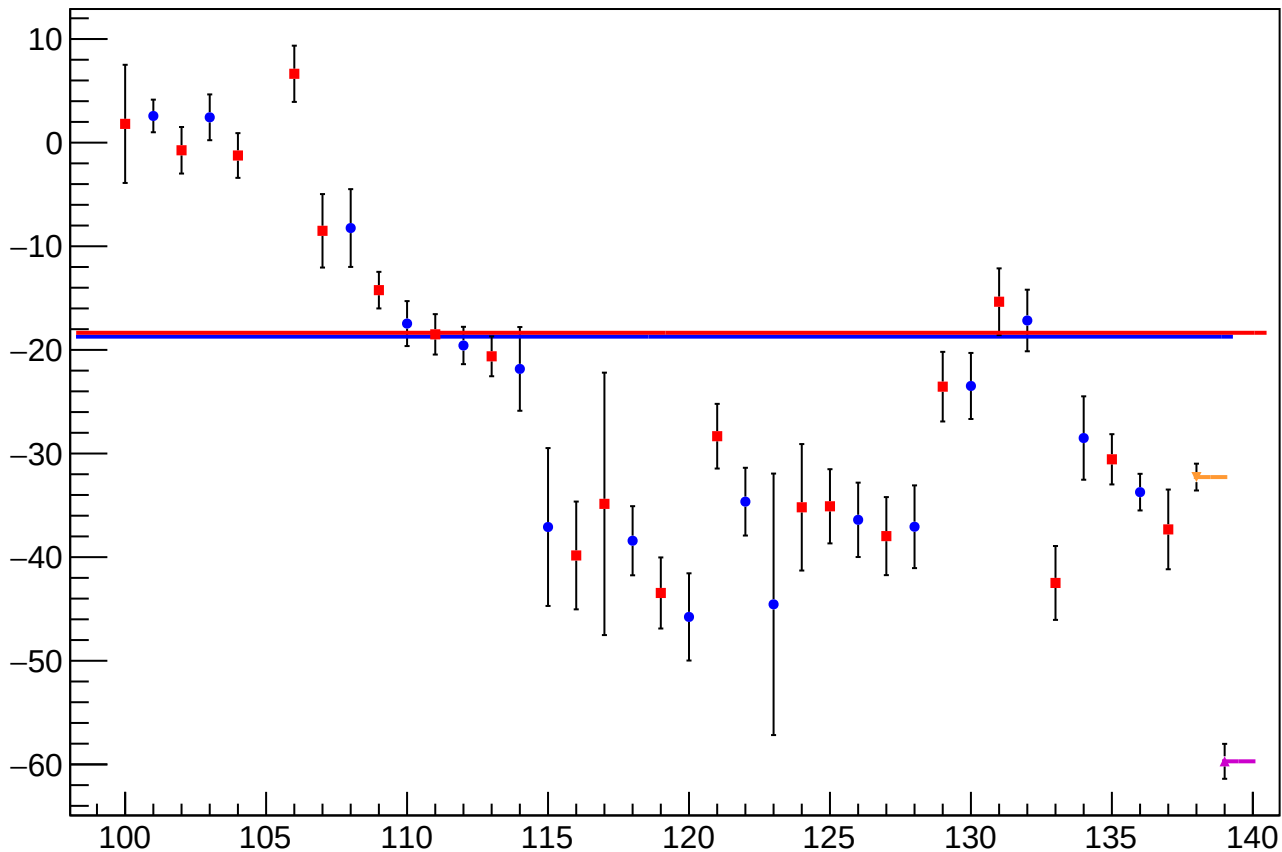
Right Out: 33.199+/-0.379 χ^2 /NDF: 771.6/19

Left In: 51.953+/-2.682 χ^2 /NDF: 0.0/0

33.665+/-0.356 χ^2 /NDF: 606.9/17

33.565+/-0.375 χ^2 /NDF: 819.5/20

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721+/-0.665 χ^2/NDF : 519.6/16

Left Out: -32.273+/-1.294 χ^2/NDF : 0.0/0

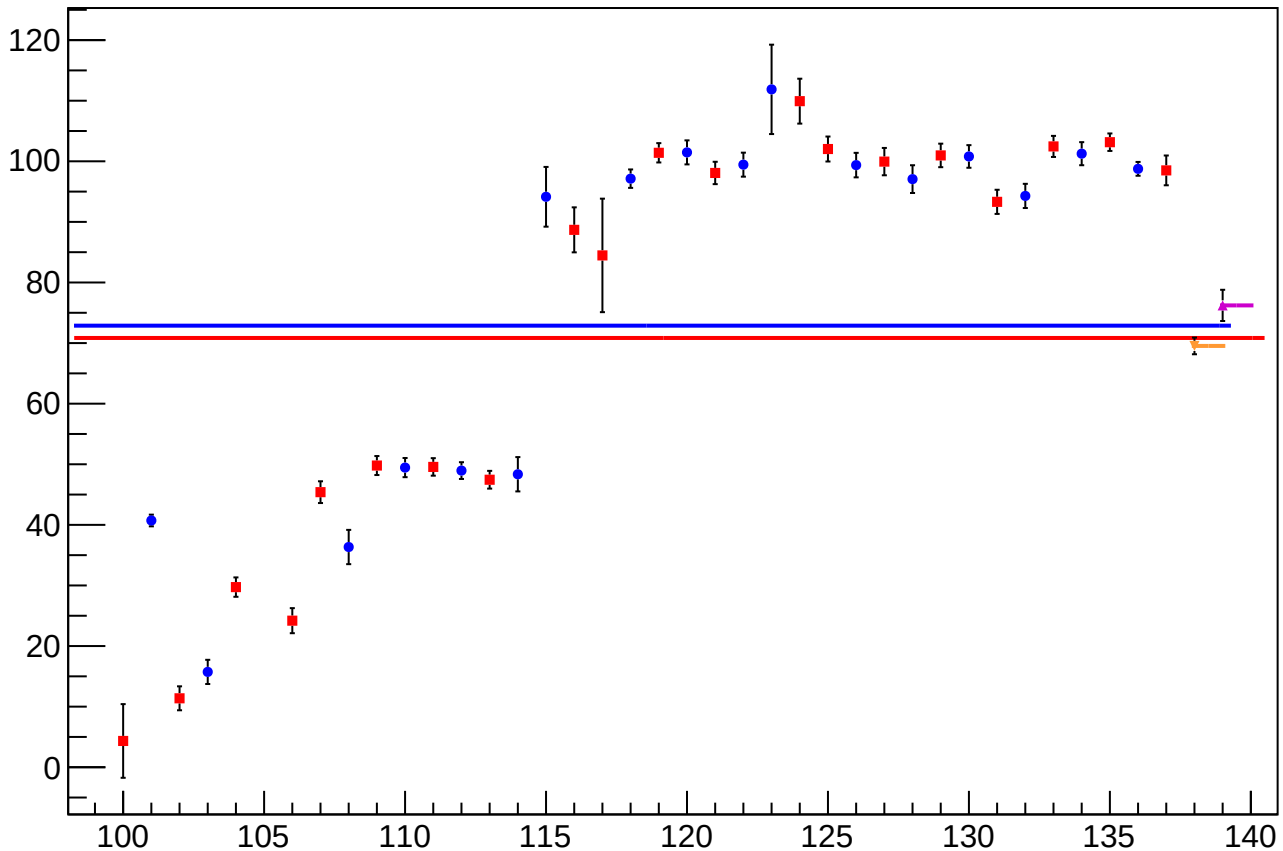
Right Out: -18.348+/-0.643 χ^2/NDF : 474.3/19

Left In: -59.703+/-1.686 χ^2/NDF : 0.0/0

-21.555+/-0.592 χ^2/NDF : 606.4/17

-23.597+/-0.601 χ^2/NDF : 999.7/20

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2 /NDF: 4737.9/16

Left Out: 69.530+/-1.376 χ^2 /NDF:0.0/0

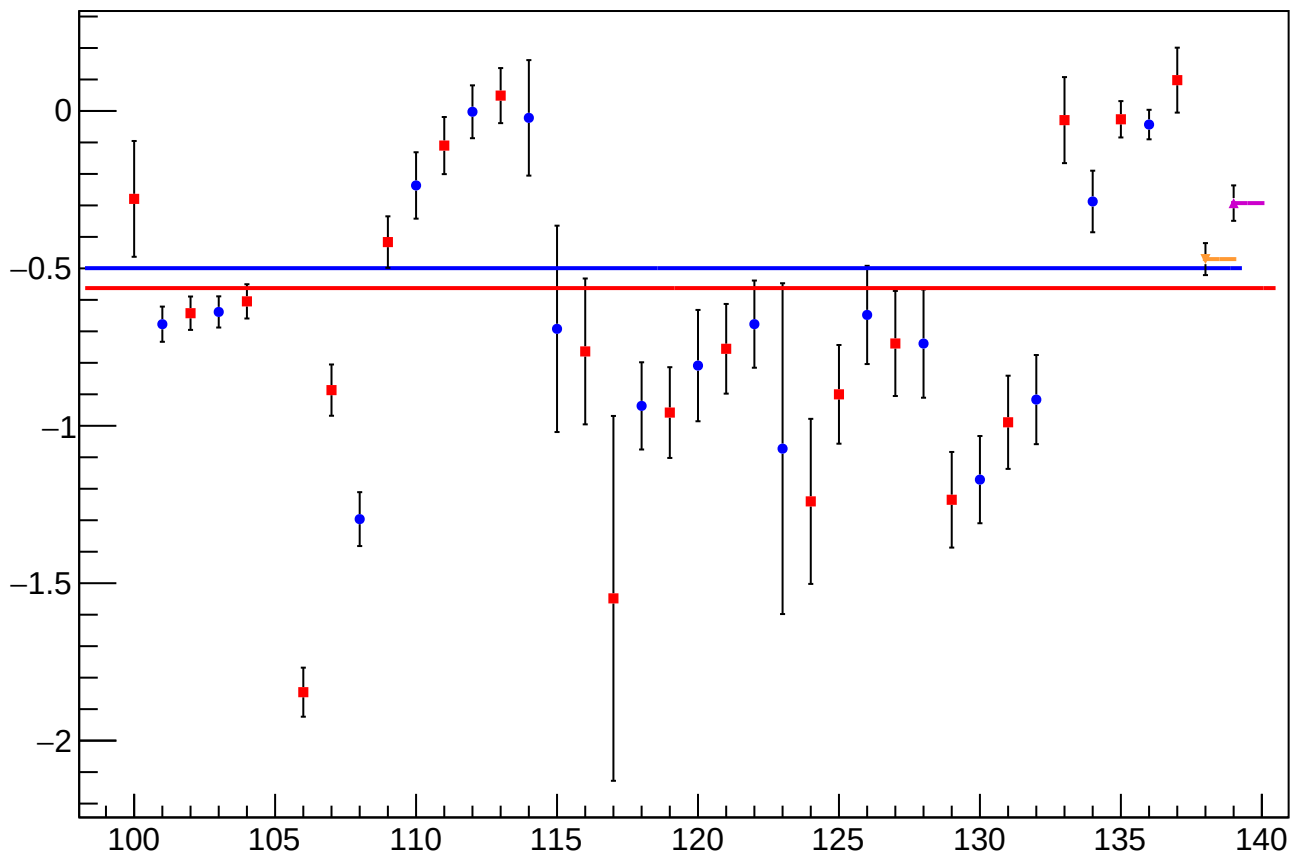
Right Out: 70.844+/-0.433 χ^2 /NDF: 5491.4/19

Left In: 76.219+/-2.576 χ^2 /NDF:0.0/0

72.583+/-0.407 χ^2 /NDF: 4743.3/17

70.992+/-0.427 χ^2 /NDF: 5495.6/20

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.471 ± 0.051 χ^2/NDF : 0.0/0

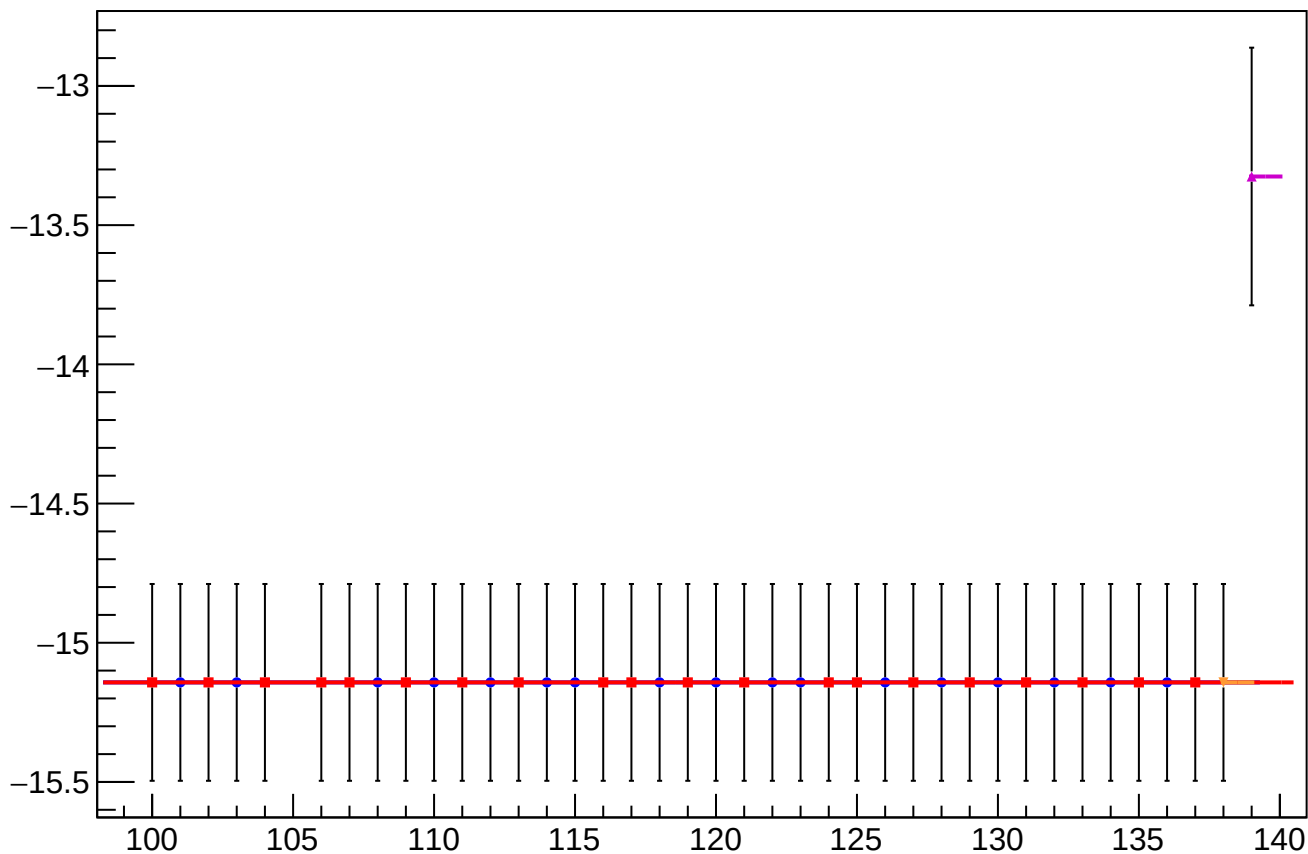
Right Out: -0.563 ± 0.021 χ^2/NDF : 565.2/19

Left In: -0.293 ± 0.056 χ^2/NDF : 0.0/0

-0.495 ± 0.020 χ^2/NDF : 303.8/17

-0.529 ± 0.020 χ^2/NDF : 585.3/20

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -15.142 ± 0.086 χ^2/NDF : 0.0/16

Left Out: -15.142 ± 0.353 χ^2/NDF : 0.0/0

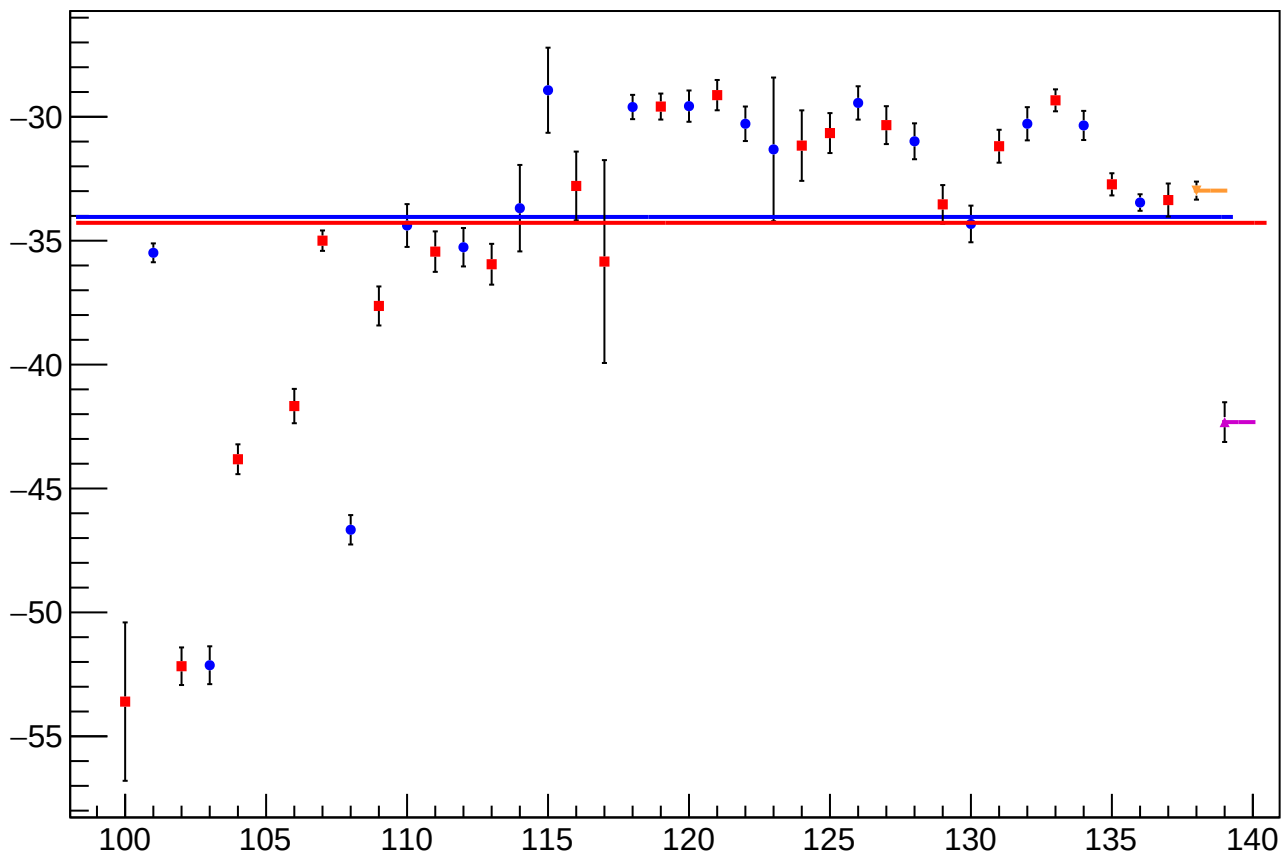
Right Out: -15.142 ± 0.079 χ^2/NDF : 0.0/19

Left In: -13.325 ± 0.463 χ^2/NDF : 0.0/0

-15.142 ± 0.083 χ^2/NDF : 0.0/17

-15.091 ± 0.078 χ^2/NDF : 15.0/20

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -32.979 ± 0.364 χ^2/NDF : 0.0/0

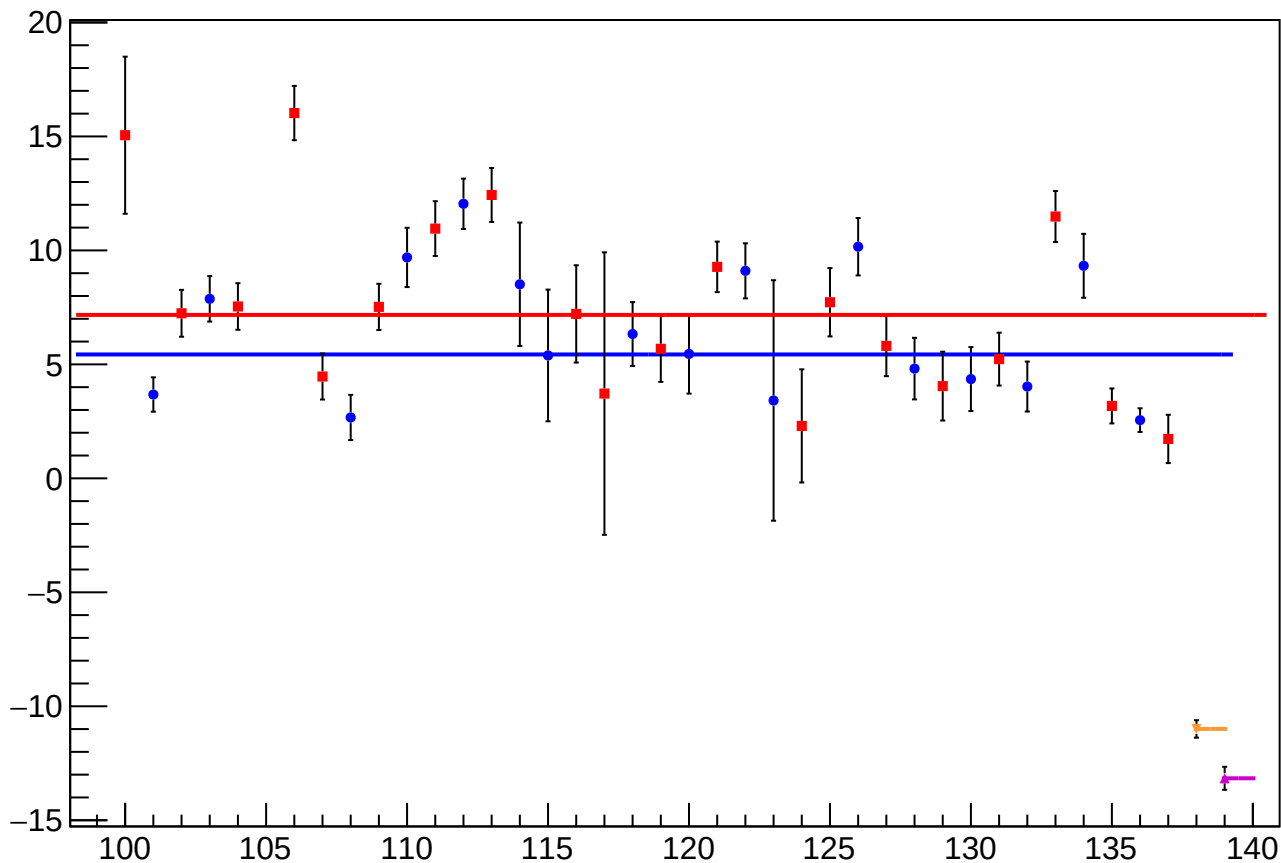
Right Out: -34.279 ± 0.151 χ^2/NDF : 1349.6/19

Left In: -42.321 ± 0.802 χ^2/NDF : 0.0/0

-33.886 ± 0.139 χ^2/NDF : 1348.0/17

-34.553 ± 0.148 χ^2/NDF : 1446.7/20

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -10.994 ± 0.383 χ^2/NDF : 0.0/0

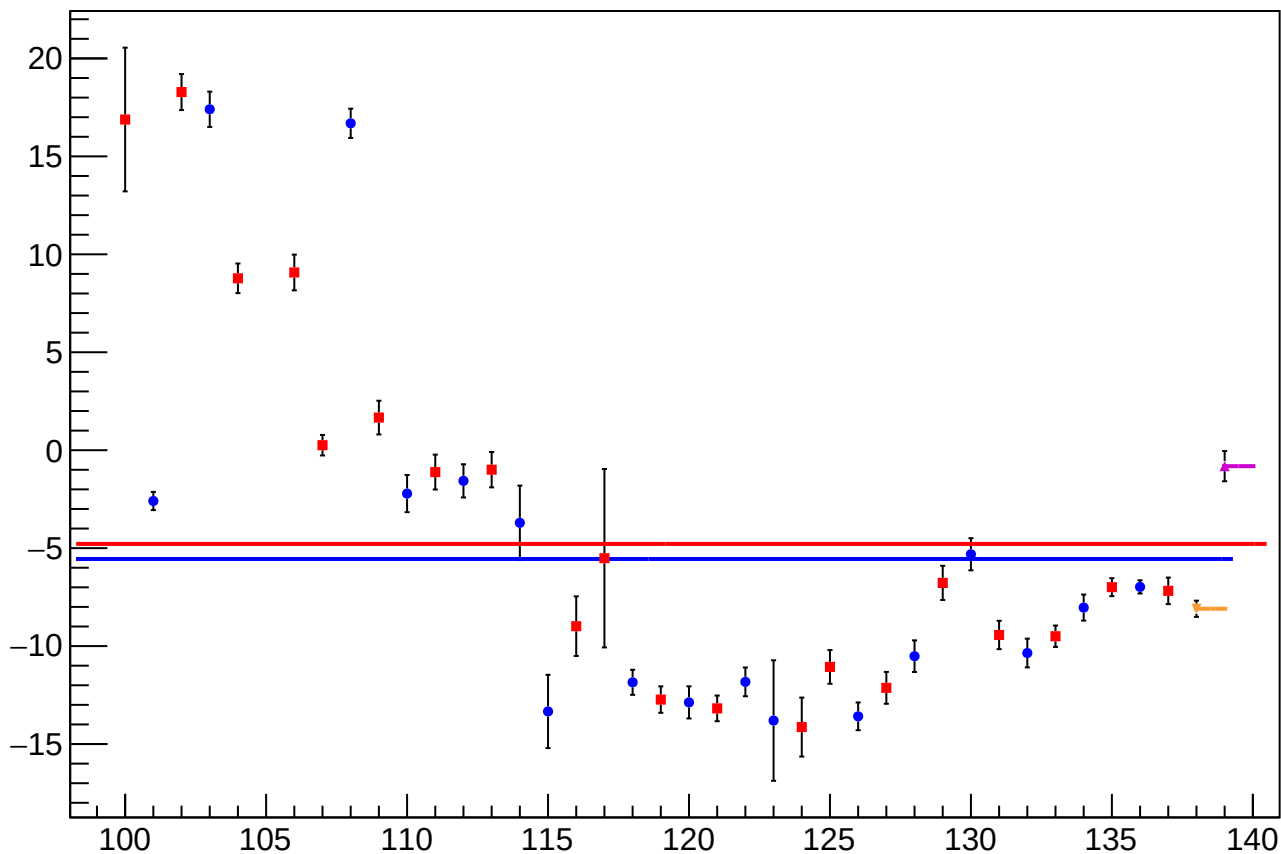
Right Out: 7.171 ± 0.274 χ^2/NDF : 182.9/19

Left In: -13.160 ± 0.505 χ^2/NDF : 0.0/0

-0.002 ± 0.220 χ^2/NDF : 1361.1/17

2.544 ± 0.241 χ^2/NDF : 1436.8/20

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553+/-0.170 χ^2/NDF : 2125.3/16

Left Out: -8.093+/-0.413 χ^2/NDF : 0.0/0

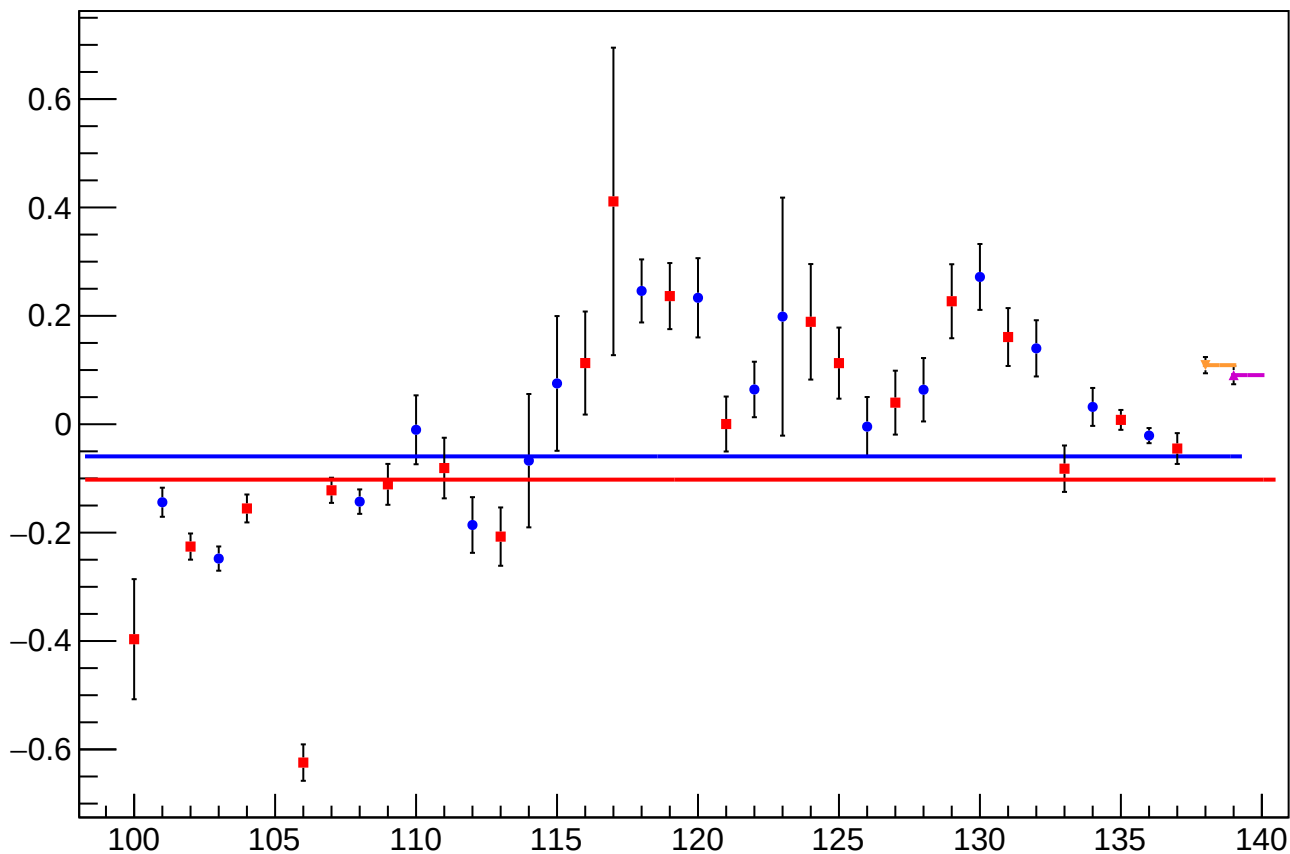
Right Out: -4.783+/-0.173 χ^2/NDF : 2040.4/19

Left In: -0.815+/-0.770 χ^2/NDF : 0.0/0

-5.921+/-0.157 χ^2/NDF : 2157.6/17

-4.593+/-0.169 χ^2/NDF : 2065.7/20

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.109 ± 0.015 χ^2/NDF : 0.0/0

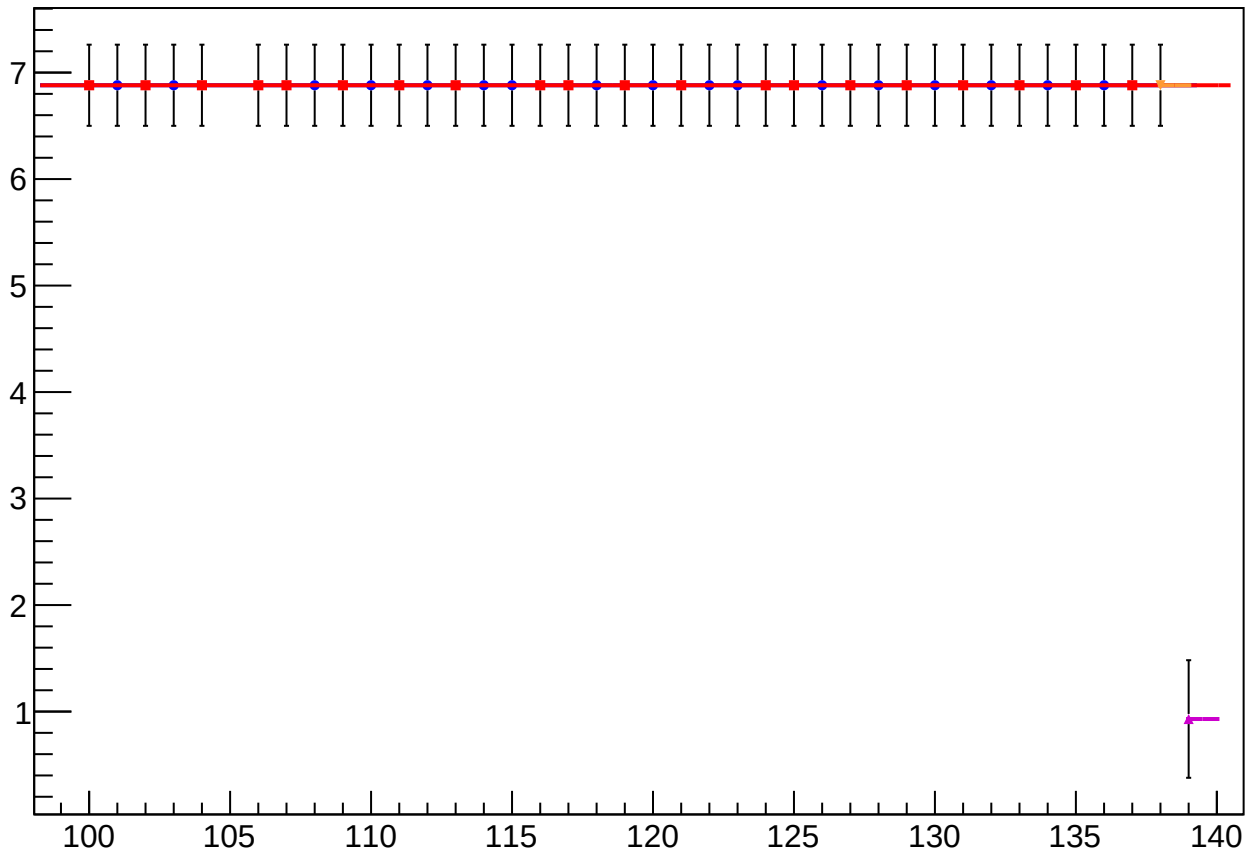
Right Out: -0.102 ± 0.008 χ^2/NDF : 438.8/19

Left In: 0.091 ± 0.017 χ^2/NDF : 0.0/0

-0.019 ± 0.007 χ^2/NDF : 313.5/17

-0.064 ± 0.008 χ^2/NDF : 543.7/20

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 6.881 $\pm$ 0.092 χ^2 /NDF: 0.0/16

Left Out: 6.881 $\pm$ 0.381 χ^2 /NDF: 0.0/0

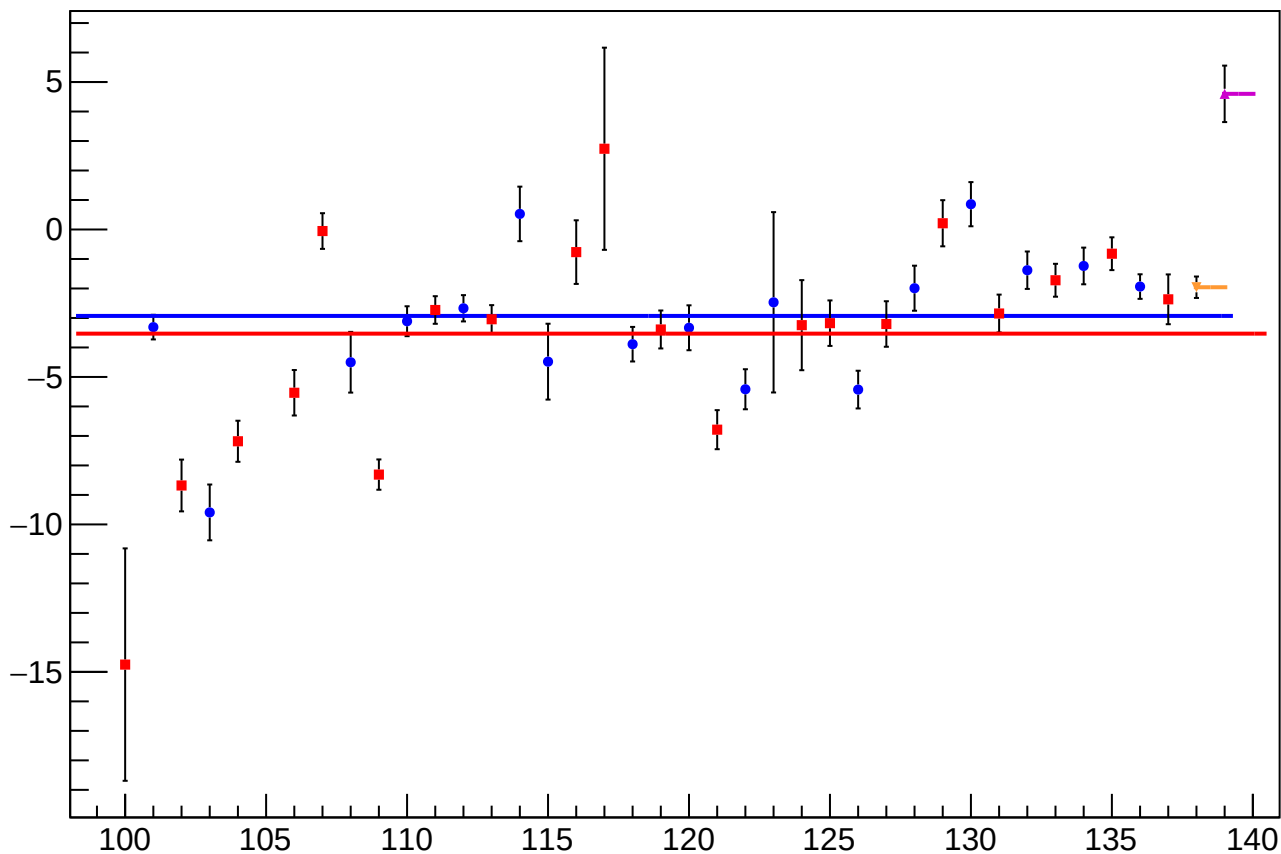
Right Out: 6.881 $\pm$ 0.085 χ^2 /NDF: 0.0/19

Left In: 0.930 $\pm$ 0.552 χ^2 /NDF: 0.0/0

6.881 $\pm$ 0.090 χ^2 /NDF: 0.0/17

6.743 $\pm$ 0.084 χ^2 /NDF: 113.5/20

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.958 ± 0.363 χ^2/NDF : 0.0/0

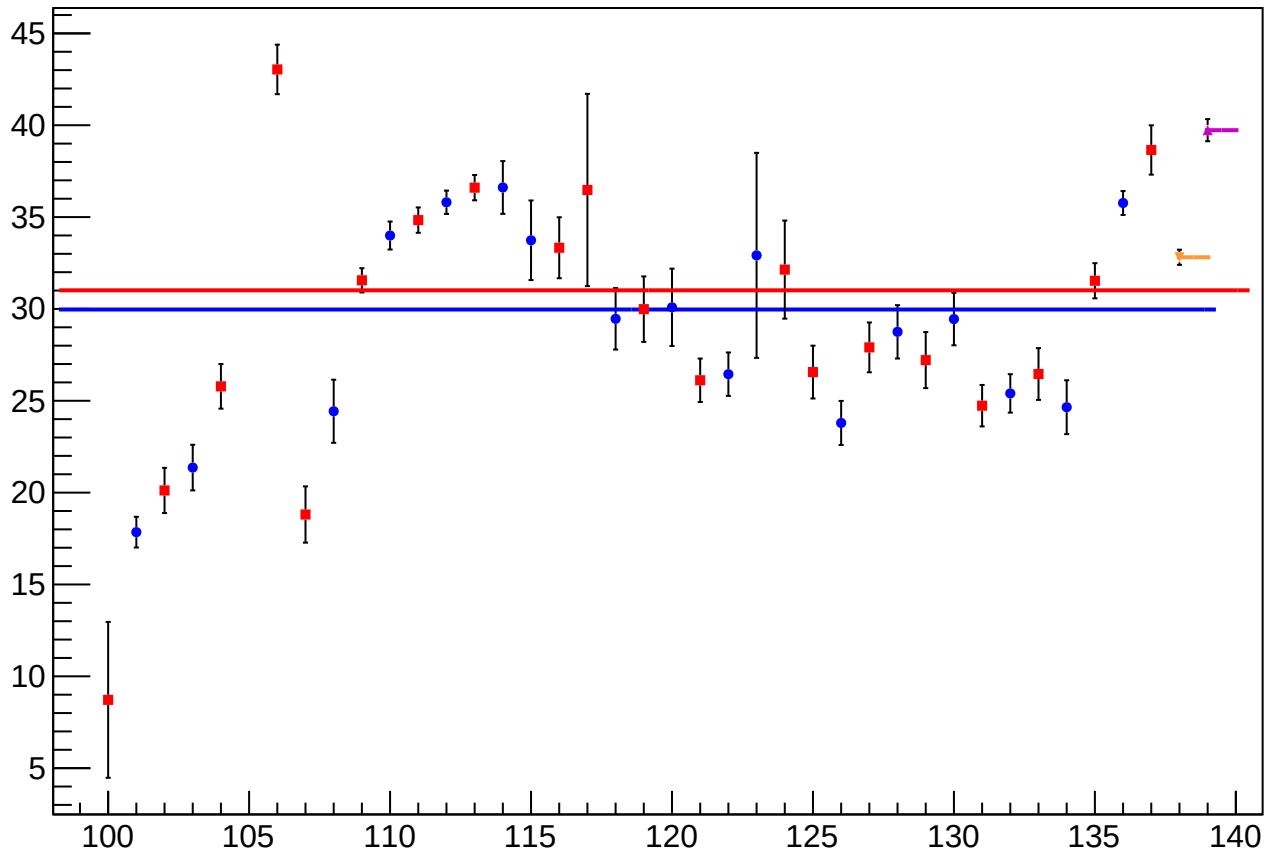
Right Out: -3.531 ± 0.154 χ^2/NDF : 295.0/19

Left In: 4.599 ± 0.957 χ^2/NDF : 0.0/0

-2.783 ± 0.142 χ^2/NDF : 152.6/17

-3.325 ± 0.152 χ^2/NDF : 365.3/20

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969+/-0.267 χ^2/NDF : 554.3/16

Left Out: 32.812+/-0.413 χ^2/NDF : 0.0/0

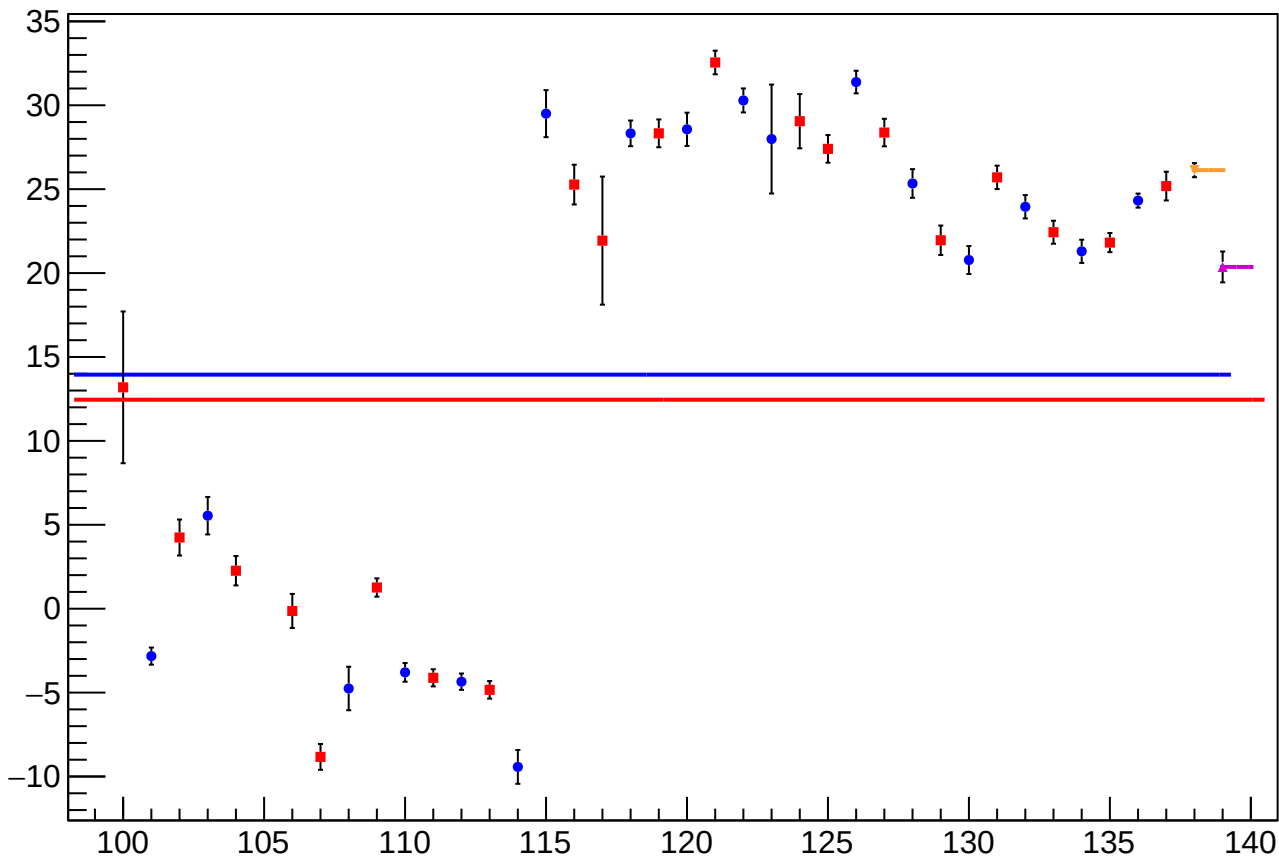
Right Out: 31.013+/-0.260 χ^2/NDF : 480.6/19

Left In: 39.731+/-0.602 χ^2/NDF : 0.0/0

30.806+/-0.224 χ^2/NDF : 587.8/17

32.380+/-0.238 χ^2/NDF : 657.4/20

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948+/-0.172 χ^2/NDF : 7391.9/16

Left Out: 26.135+/-0.421 χ^2/NDF : 0.0/0

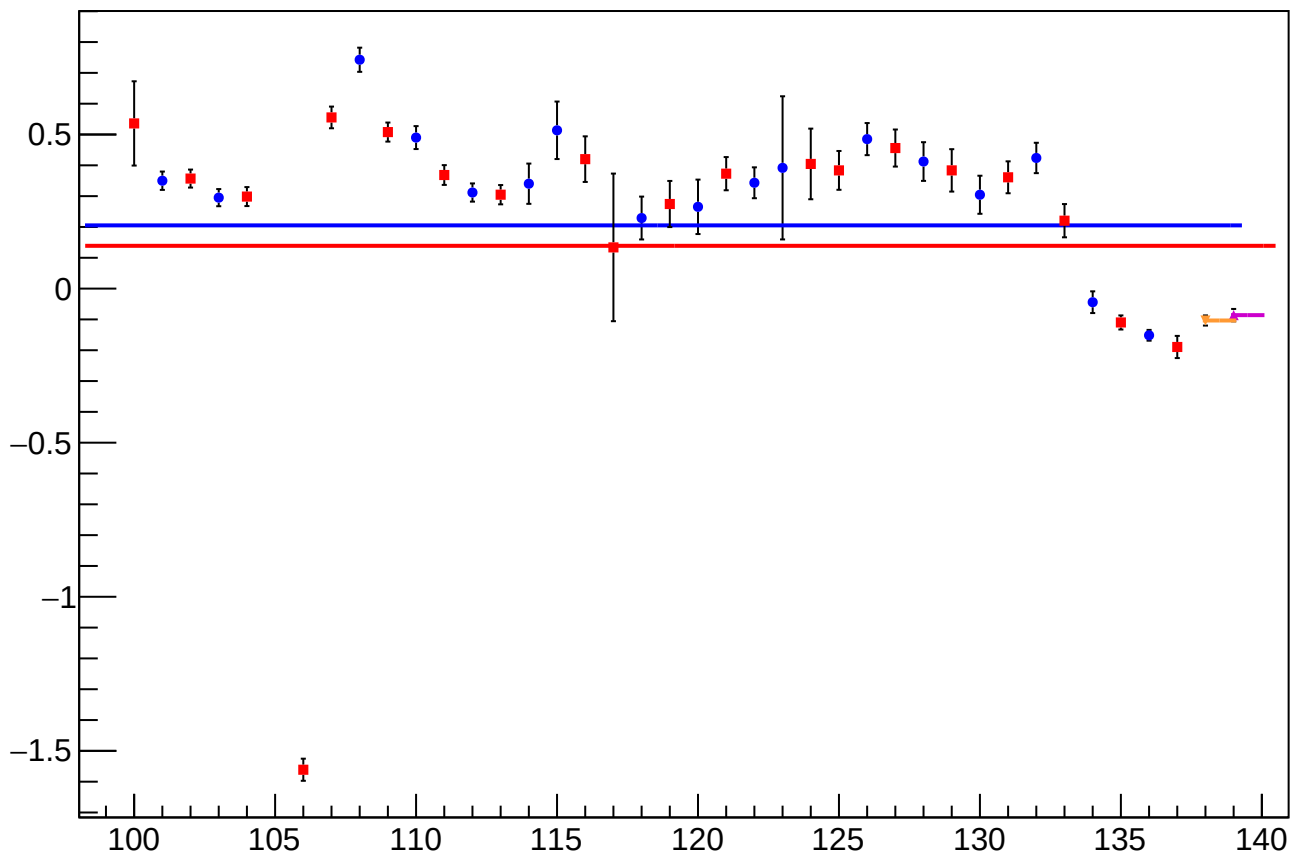
Right Out: 12.455+/-0.173 χ^2/NDF : 6969.0/19

Left In: 20.366+/-0.919 χ^2/NDF : 0.0/0

15.689+/-0.159 χ^2/NDF : 8109.5/17

12.727+/-0.170 χ^2/NDF : 7040.5/20

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.103 $\pm$ 0.016 χ^2 /NDF: 0.0/0

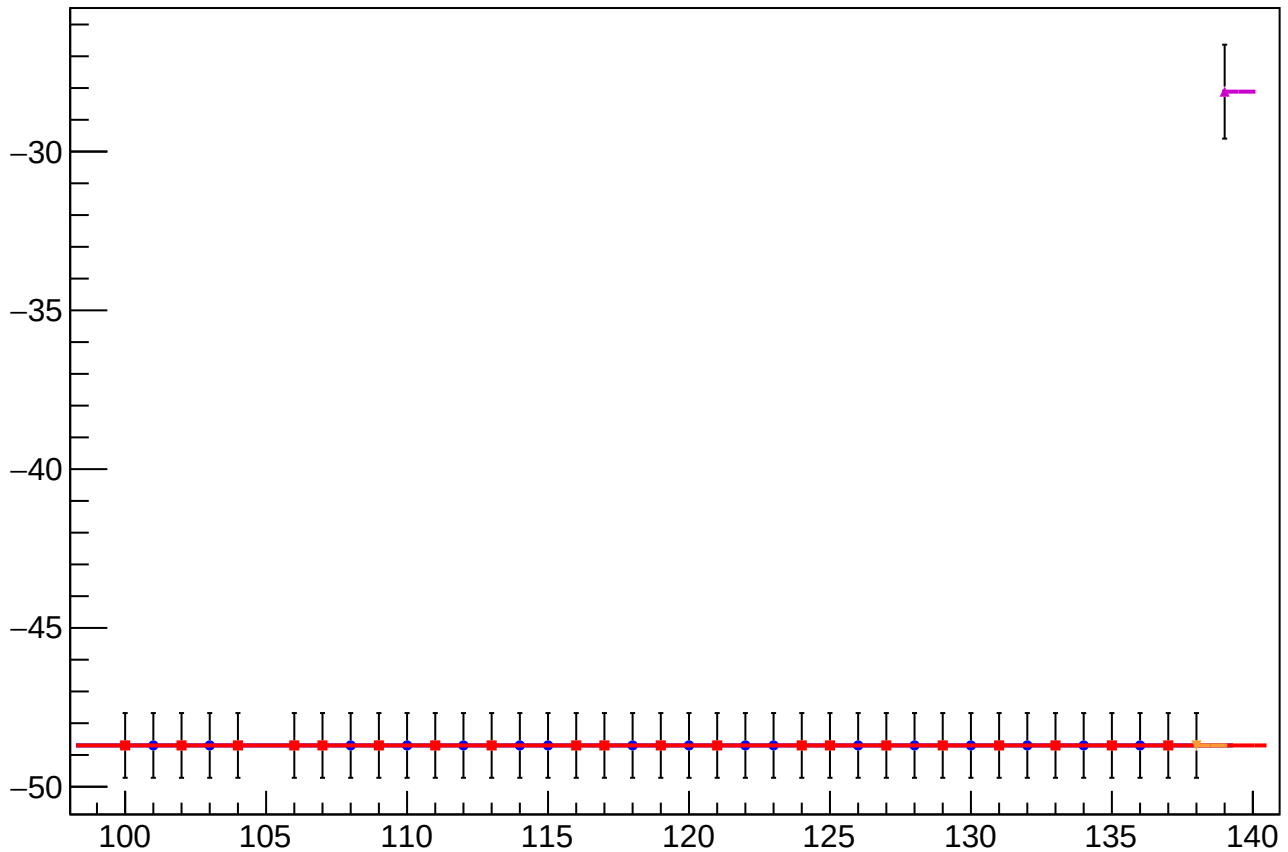
Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/19

Left In: -0.086 $\pm$ 0.020 χ^2 /NDF: 0.0/0

0.130 $\pm$ 0.008 χ^2 /NDF: 1112.2/17

0.100 $\pm$ 0.008 χ^2 /NDF: 3120.5/20

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

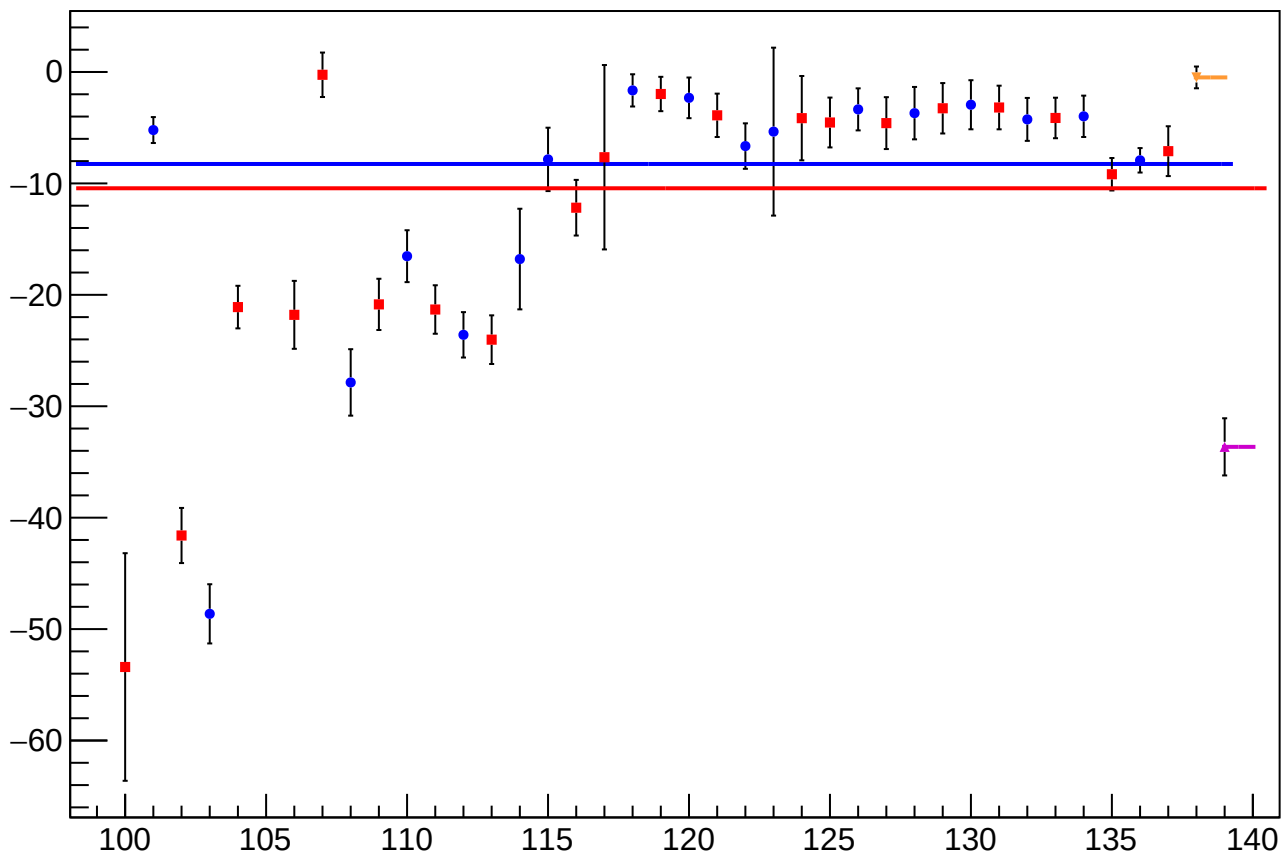
Right Out: -48.699 $\pm$ 0.228 χ^2 /NDF: 0.0/19

Left In: -28.114 $\pm$ 1.479 χ^2 /NDF: 0.0/0

-48.699 $\pm$ 0.240 χ^2 /NDF: 0.0/17

-48.222 $\pm$ 0.225 χ^2 /NDF: 189.2/20

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 $\chi^2/\text{NDF}: 412.1/16$

Left Out: -0.487 ± 0.977 $\chi^2/\text{NDF}: 0.0/0$

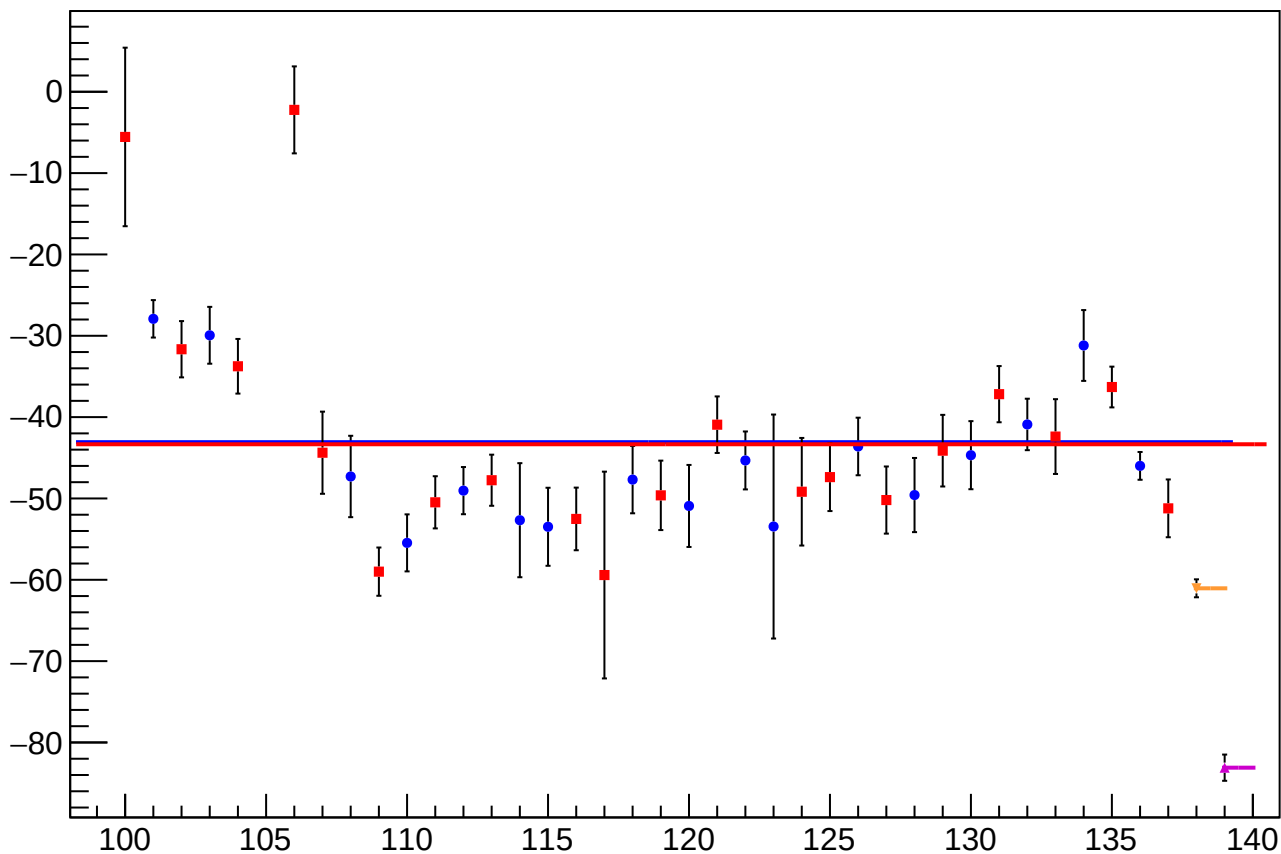
Right Out: -10.437 ± 0.490 $\chi^2/\text{NDF}: 428.5/19$

Left In: -33.644 ± 2.565 $\chi^2/\text{NDF}: 0.0/0$

-6.836 ± 0.418 $\chi^2/\text{NDF}: 463.8/17$

-11.255 ± 0.482 $\chi^2/\text{NDF}: 507.5/20$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 $\pm$ 0.834 χ^2 /NDF: 99.2/16

Left Out: -61.048 $\pm$ 1.105 χ^2 /NDF: 0.0/0

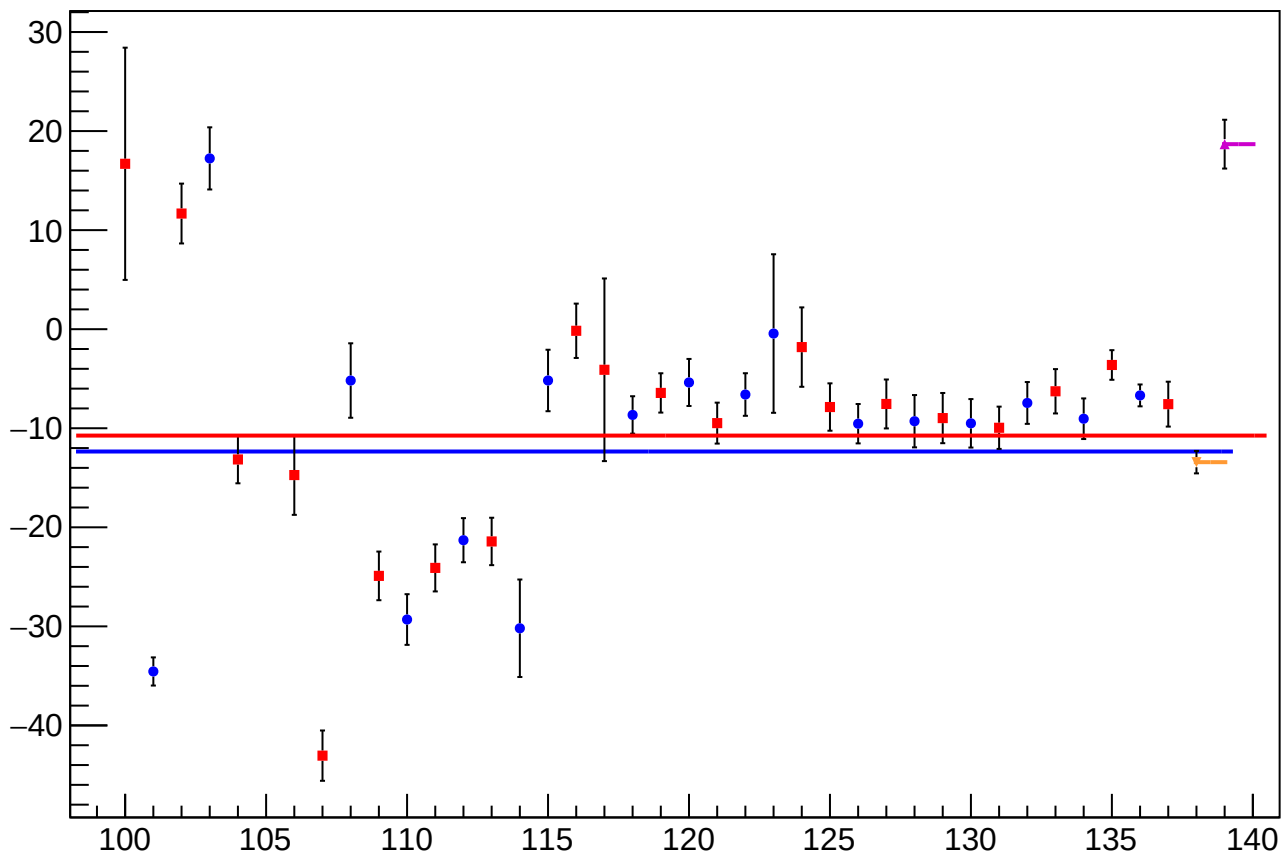
Right Out: -43.337 $\pm$ 0.864 χ^2 /NDF: 155.8/19

Left In: -83.100 $\pm$ 1.613 χ^2 /NDF: 0.0/0

-49.608 $\pm$ 0.666 χ^2 /NDF: 267.6/17

-52.211 $\pm$ 0.762 χ^2 /NDF: 628.0/20

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -13.424 ± 1.132 χ^2/NDF : 0.0/0

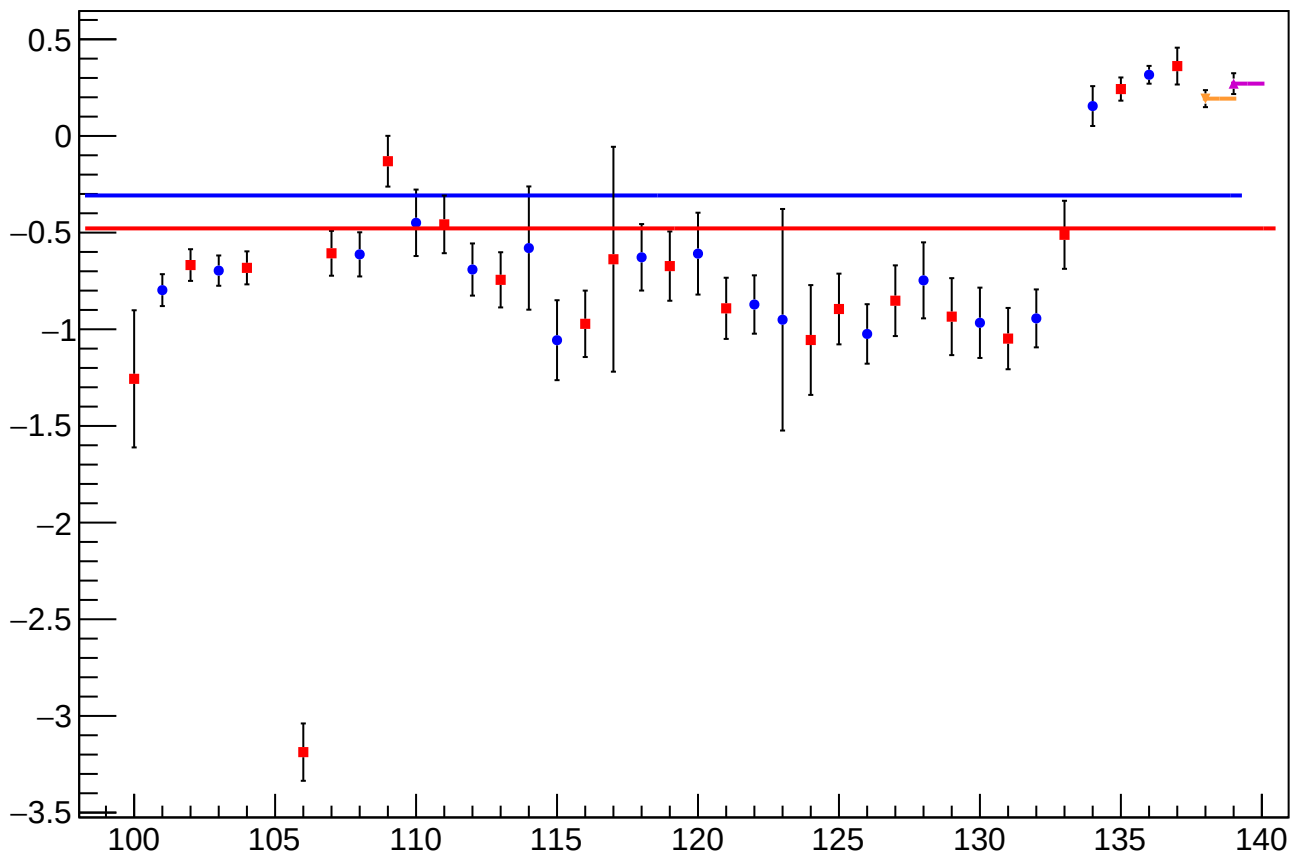
Right Out: -10.741 ± 0.553 χ^2/NDF : 367.2/19

Left In: 18.679 ± 2.464 χ^2/NDF : 0.0/0

-12.535 ± 0.472 χ^2/NDF : 476.7/17

-9.331 ± 0.539 χ^2/NDF : 502.9/20

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.193 ± 0.044 χ^2/NDF : 0.0/0

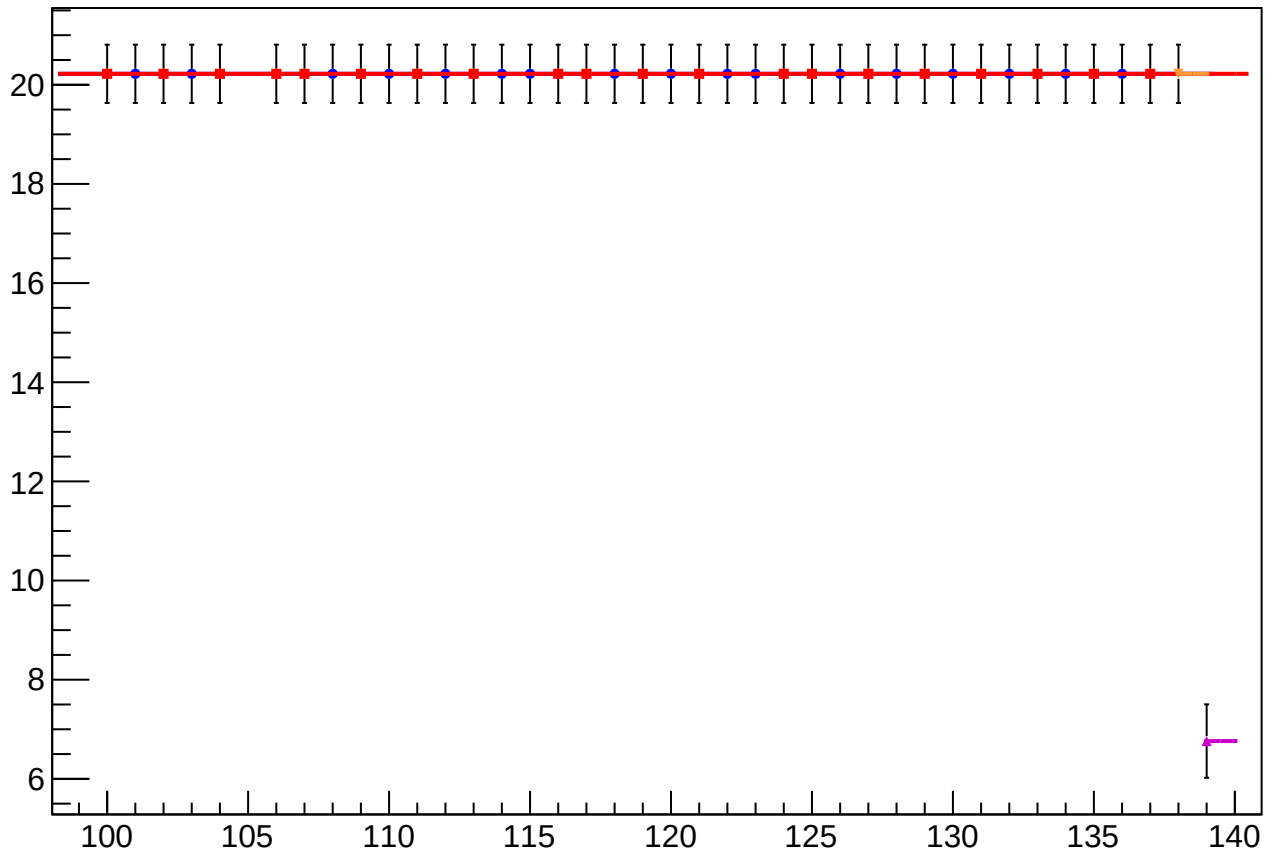
Right Out: -0.478 ± 0.028 χ^2/NDF : 631.3/19

Left In: 0.271 ± 0.054 χ^2/NDF : 0.0/0

-0.167 ± 0.023 χ^2/NDF : 465.5/17

-0.314 ± 0.025 χ^2/NDF : 782.3/20

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 20.221 $\pm$ 0.143 χ^2 /NDF: 0.0/16

Left Out: 20.221 $\pm$ 0.588 χ^2 /NDF: 0.0/0

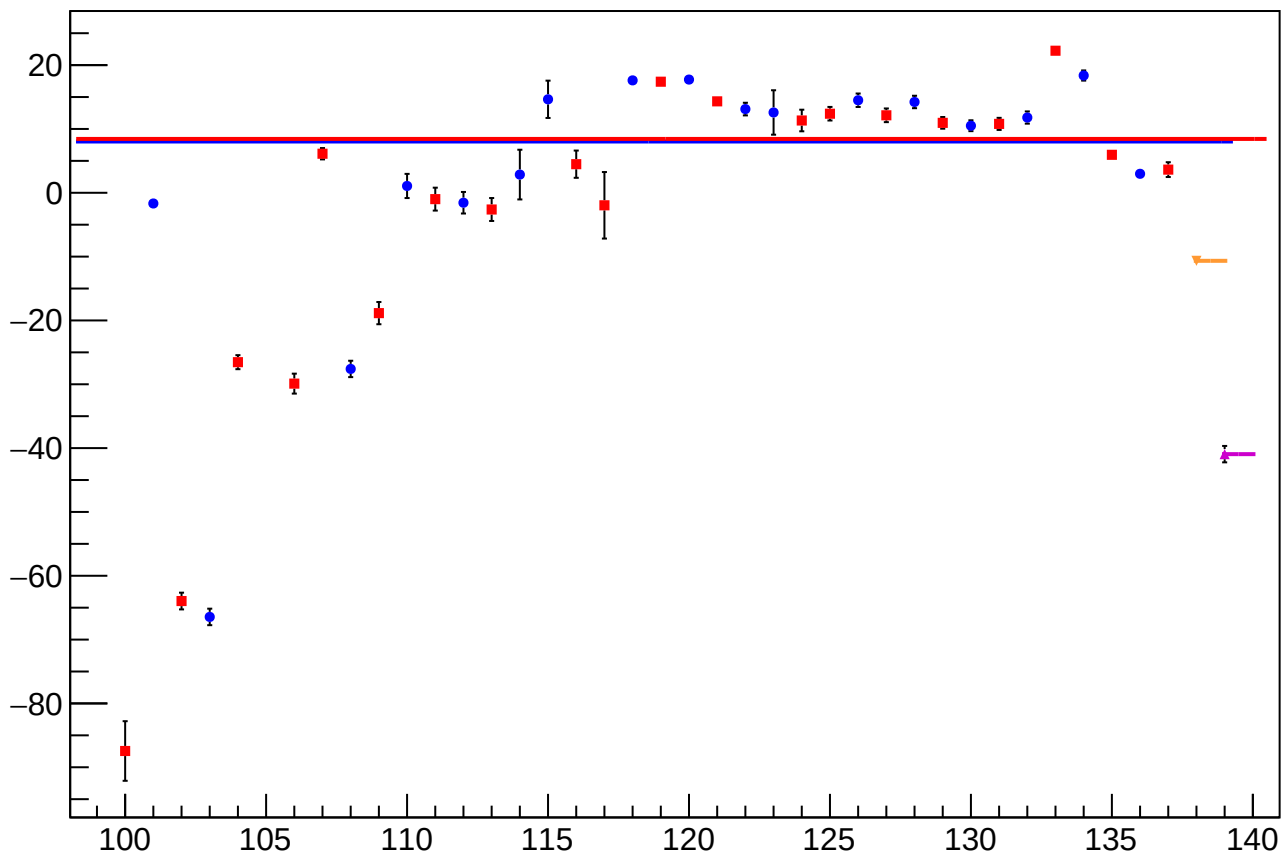
Right Out: 20.221 $\pm$ 0.131 χ^2 /NDF: 0.0/19

Left In: 6.762 $\pm$ 0.741 χ^2 /NDF: 0.0/0

20.221 $\pm$ 0.139 χ^2 /NDF: 0.0/17

19.811 $\pm$ 0.129 χ^2 /NDF: 319.8/20

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 χ^2/NDF : 5369.4/16

Left Out: -10.659 ± 0.597 χ^2/NDF : 0.0/0

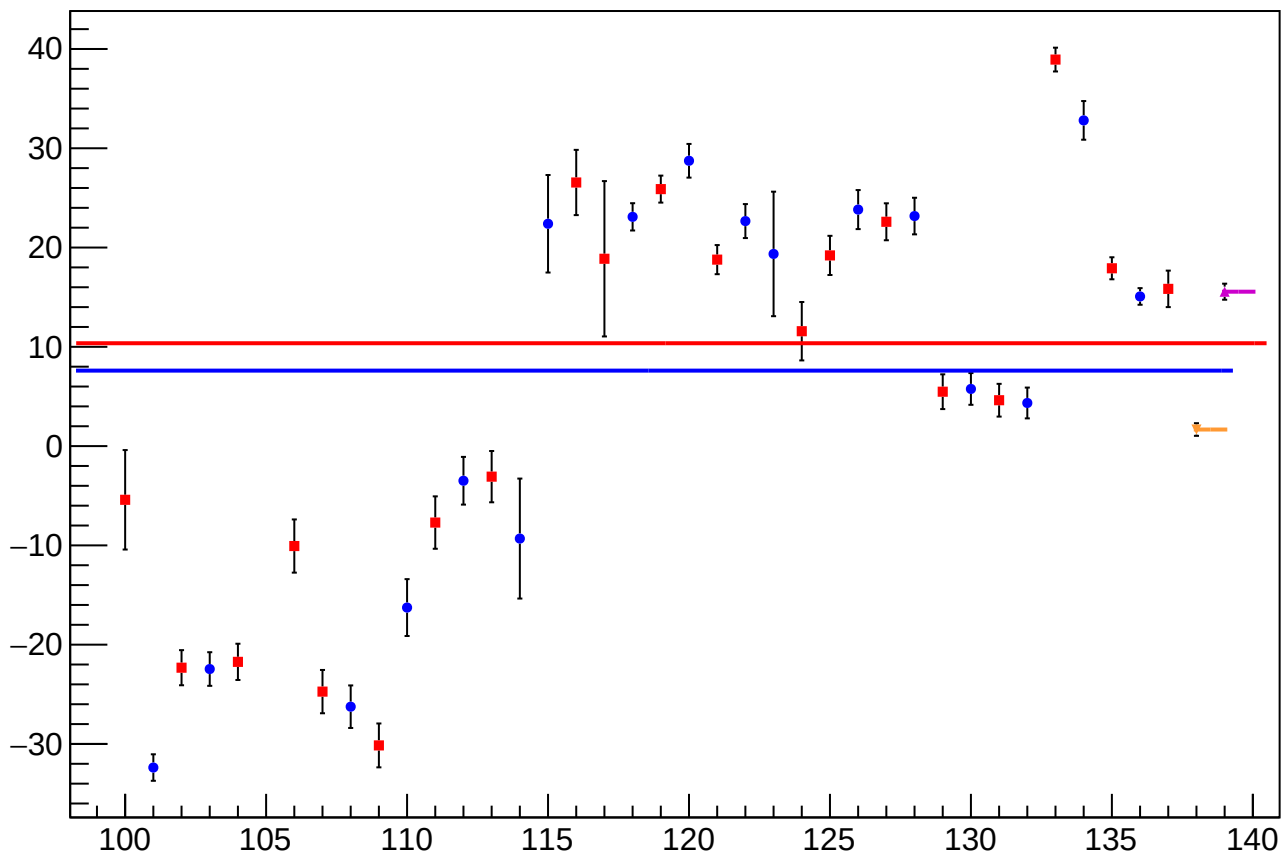
Right Out: 8.437 ± 0.213 χ^2/NDF : 6708.4/19

Left In: -40.946 ± 1.285 χ^2/NDF : 0.0/0

5.887 ± 0.202 χ^2/NDF : 6237.3/17

7.114 ± 0.210 χ^2/NDF : 8146.2/20

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 1.670 ± 0.637 χ^2/NDF : 0.0/0

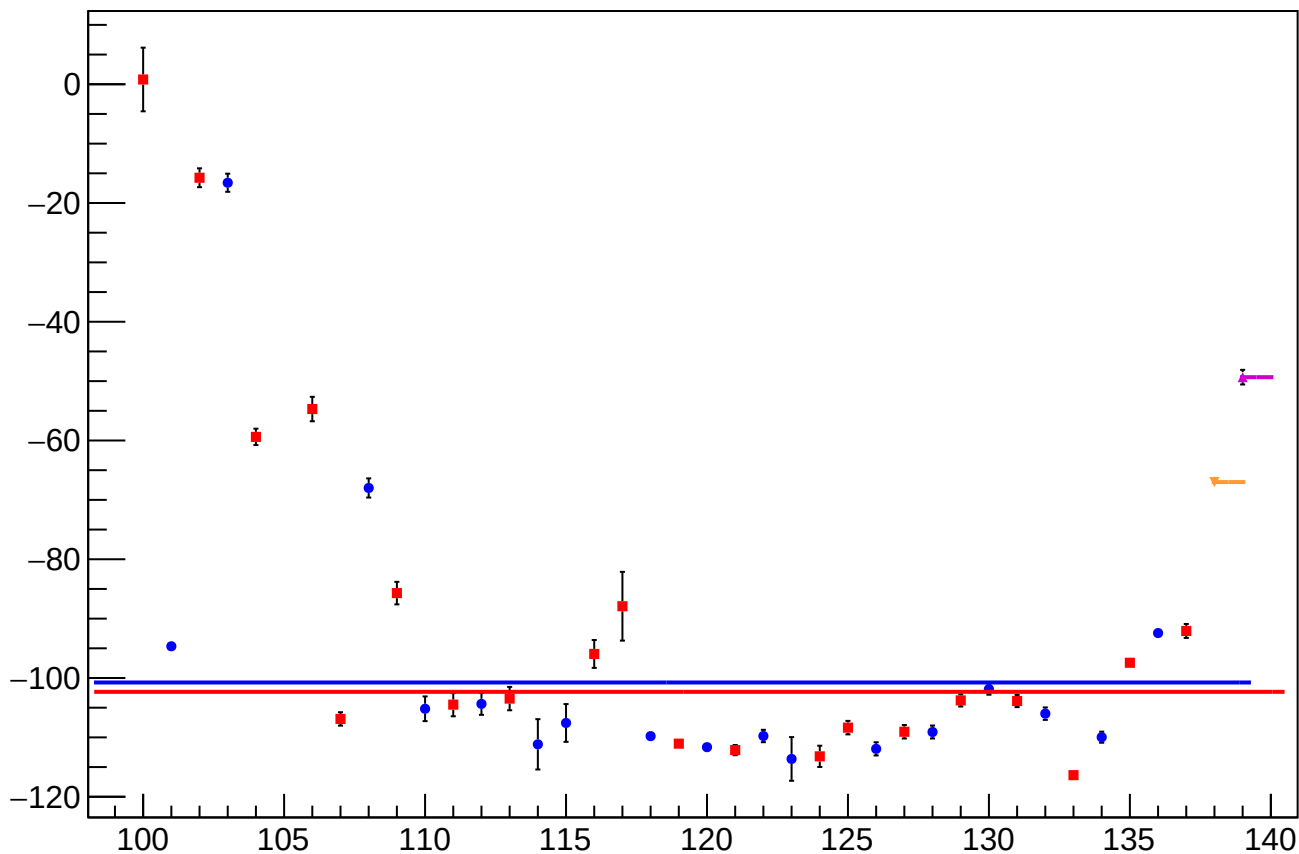
Right Out: 10.362 ± 0.416 χ^2/NDF : 2283.0/19

Left In: 15.553 ± 0.808 χ^2/NDF : 0.0/0

5.832 ± 0.348 χ^2/NDF : 2385.8/17

11.449 ± 0.370 χ^2/NDF : 2315.7/20

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753+/-0.248 χ^2/NDF : 4522.6/16

Left Out: -67.003+/-0.681 χ^2/NDF : 0.0/0

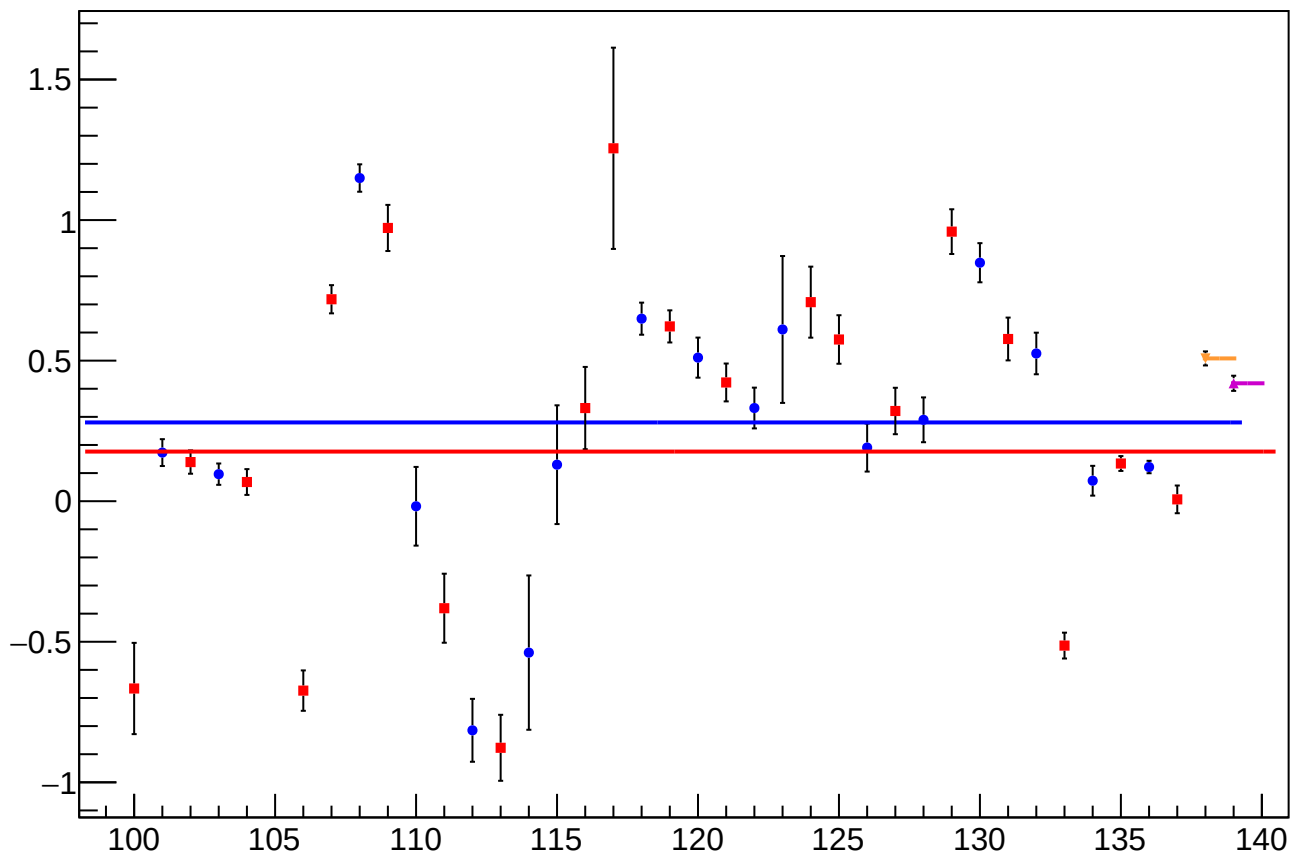
Right Out: -102.328+/-0.246 χ^2/NDF : 6085.1/19

Left In: -49.333+/-1.234 χ^2/NDF : 0.0/0

-96.797+/-0.233 χ^2/NDF : 6692.9/17

-100.302+/-0.241 χ^2/NDF : 7858.9/20

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 $\pm$ 0.013 χ^2/NDF : 656.0/16

Left Out: 0.508 $\pm$ 0.025 χ^2/NDF : 0.0/0

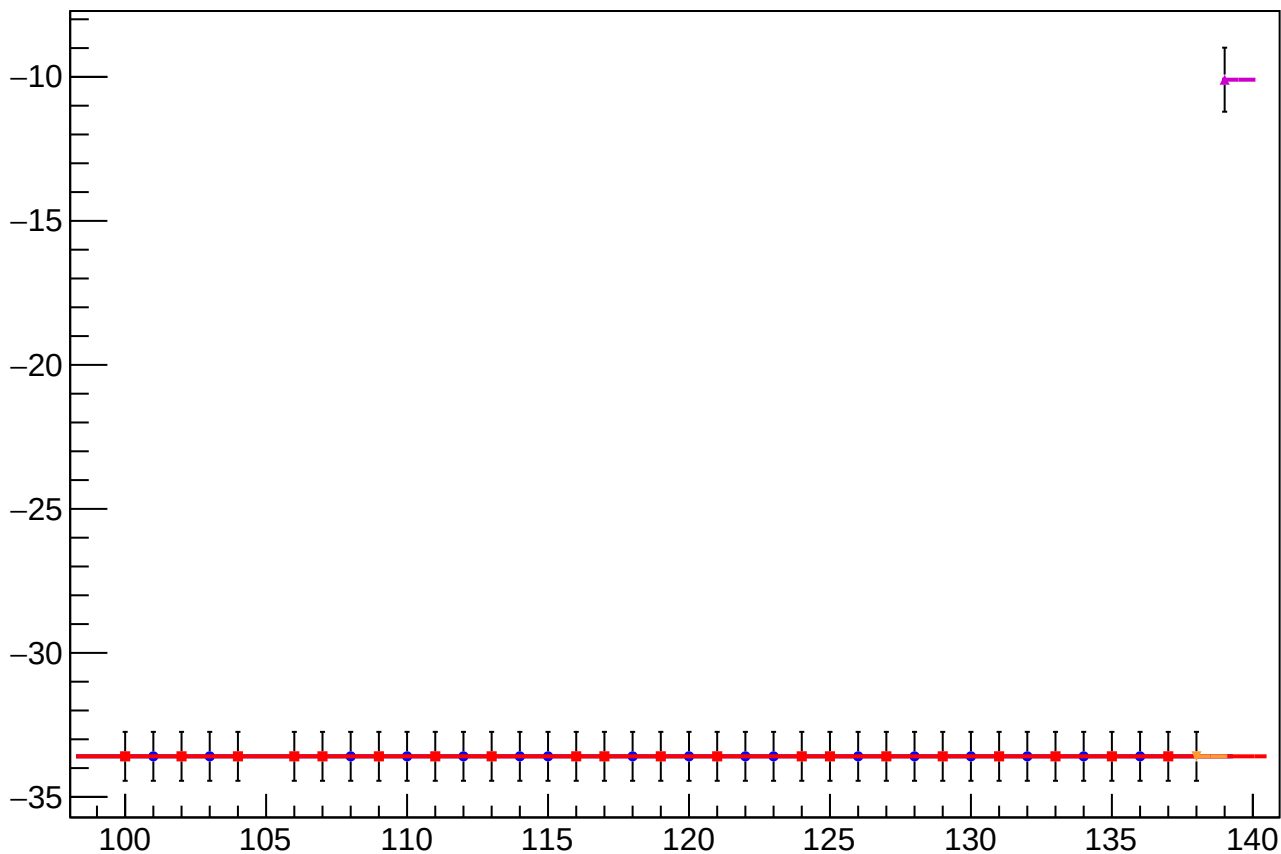
Right Out: 0.177 $\pm$ 0.013 χ^2/NDF : 975.8/19

Left In: 0.419 $\pm$ 0.027 χ^2/NDF : 0.0/0

0.331 $\pm$ 0.012 χ^2/NDF : 720.2/17

0.225 $\pm$ 0.012 χ^2/NDF : 1040.7/20

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -33.592 ± 0.206 χ^2/NDF : 0.0/16

-33.592 ± 0.200 χ^2/NDF : 0.0/17

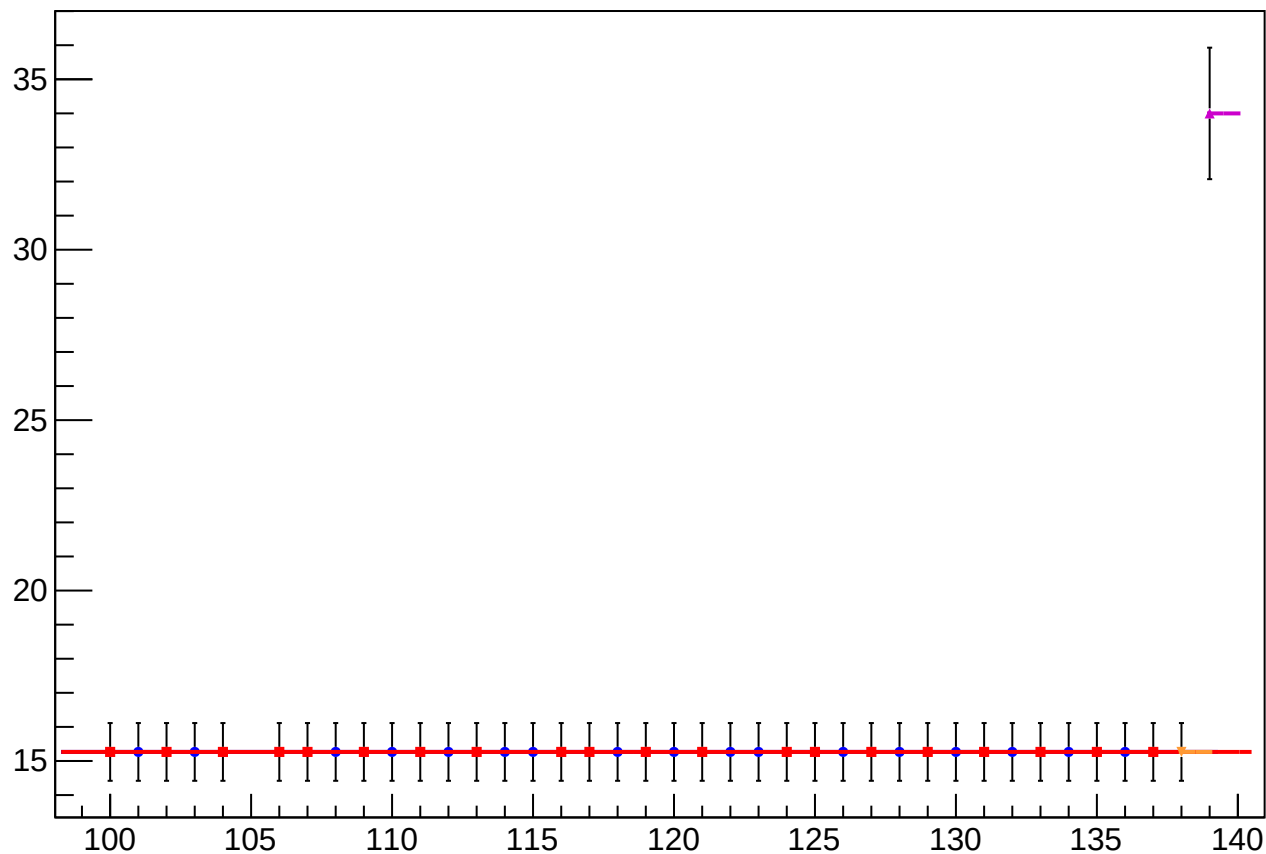
Left Out: -33.592 ± 0.850 χ^2/NDF : 0.0/0

Right Out: -33.592 ± 0.190 χ^2/NDF : 0.0/19

-32.926 ± 0.187 χ^2/NDF : 433.7/20

Left In: -10.098 ± 1.112 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 15.266+/-0.205 χ^2/NDF : 0.0/16

Left Out: 15.266+/-0.847 χ^2/NDF : 0.0/0

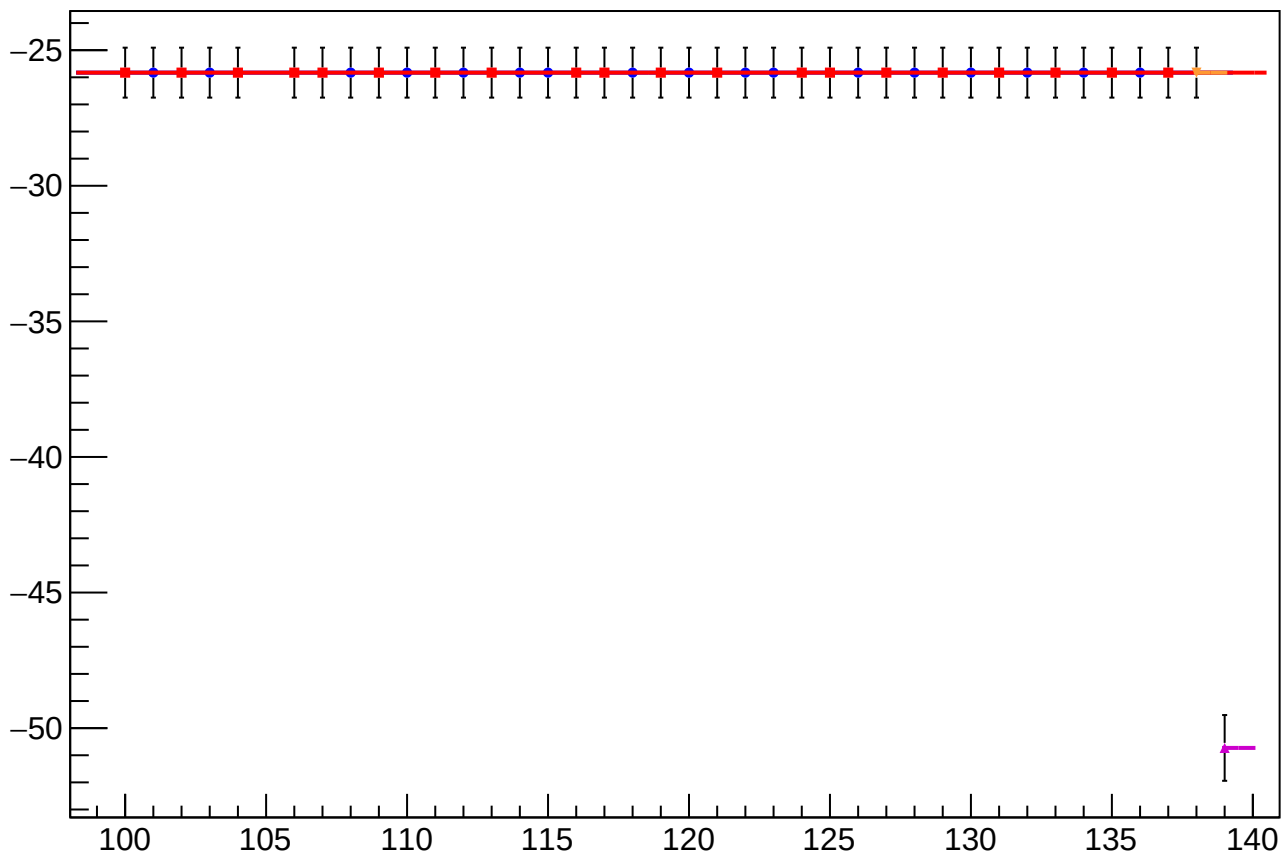
Right Out: 15.266+/-0.189 χ^2/NDF : 0.0/19

Left In: 33.999+/-1.929 χ^2/NDF : 0.0/0

15.266+/-0.200 χ^2/NDF : 0.0/17

15.445+/-0.189 χ^2/NDF : 93.4/20

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -25.828 $\pm$ 0.223 χ^2 /NDF: 0.0/16

Left Out: -25.828 $\pm$ 0.921 χ^2 /NDF: 0.0/0

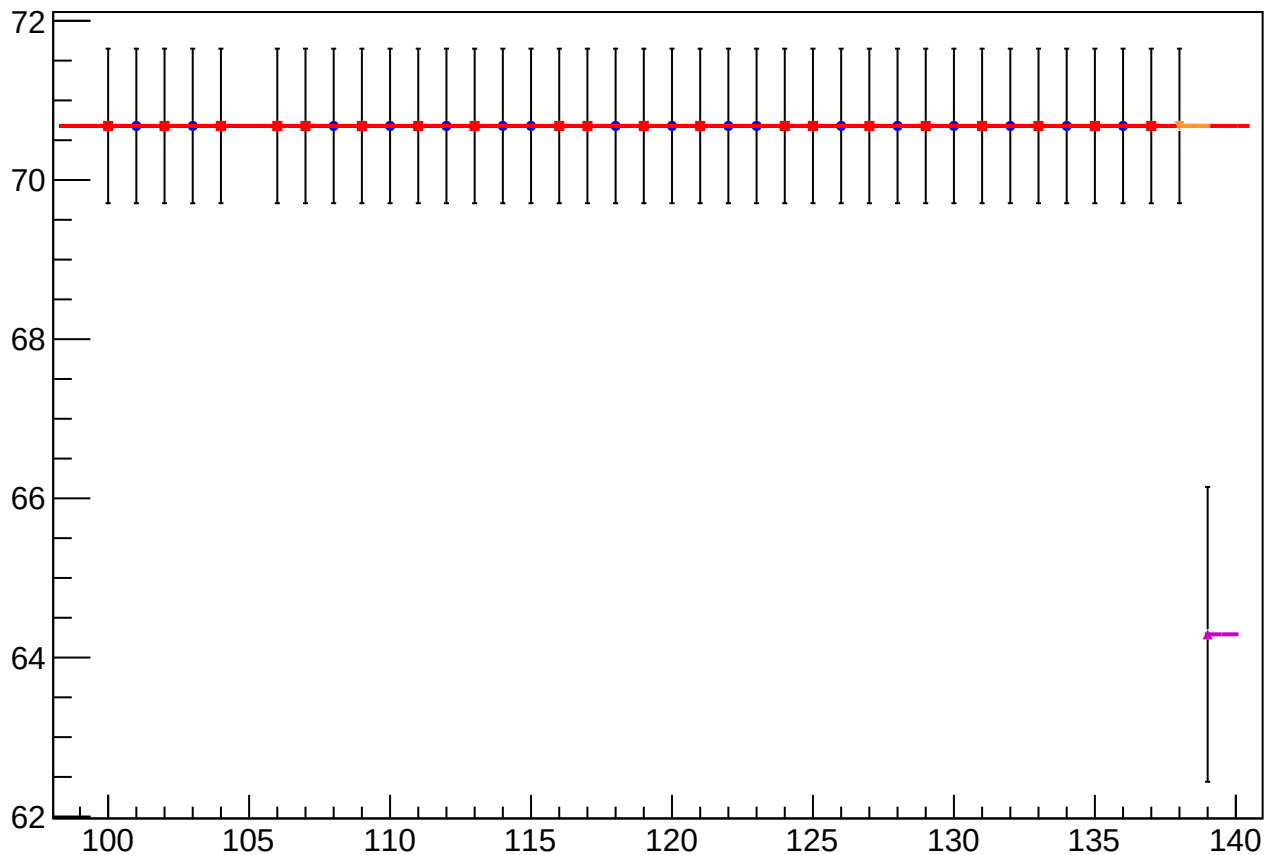
Right Out: -25.828 $\pm$ 0.206 χ^2 /NDF: 0.0/19

Left In: -50.729 $\pm$ 1.212 χ^2 /NDF: 0.0/0

-25.828 $\pm$ 0.217 χ^2 /NDF: 0.0/17

-26.526 $\pm$ 0.203 χ^2 /NDF: 410.0/20

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

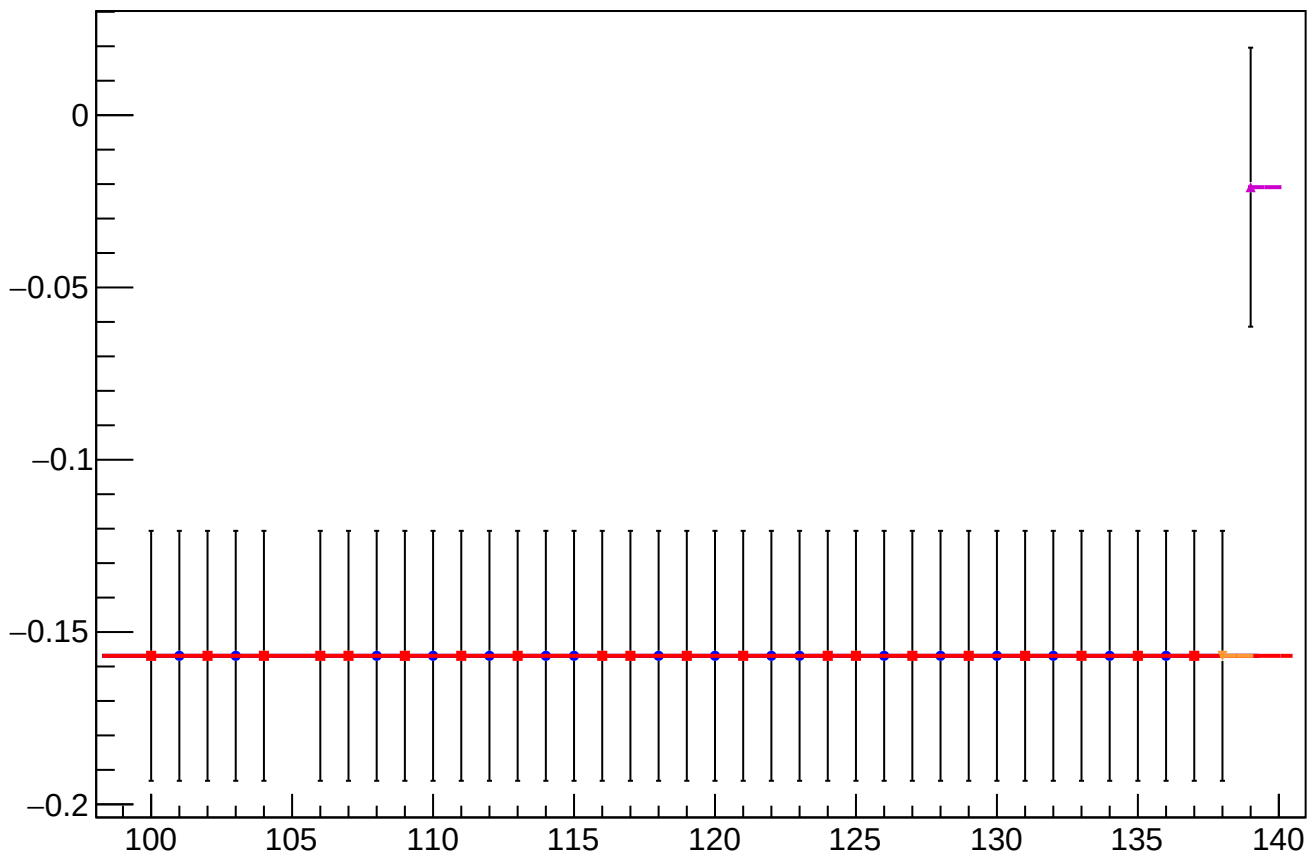
Right Out: 70.679 $\pm$ 0.217 χ^2 /NDF: 0.0/19

Left In: 64.292 $\pm$ 1.853 χ^2 /NDF:0.0/0

70.679 $\pm$ 0.229 χ^2 /NDF: 0.0/17

70.593 $\pm$ 0.216 χ^2 /NDF: 11.7/20

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

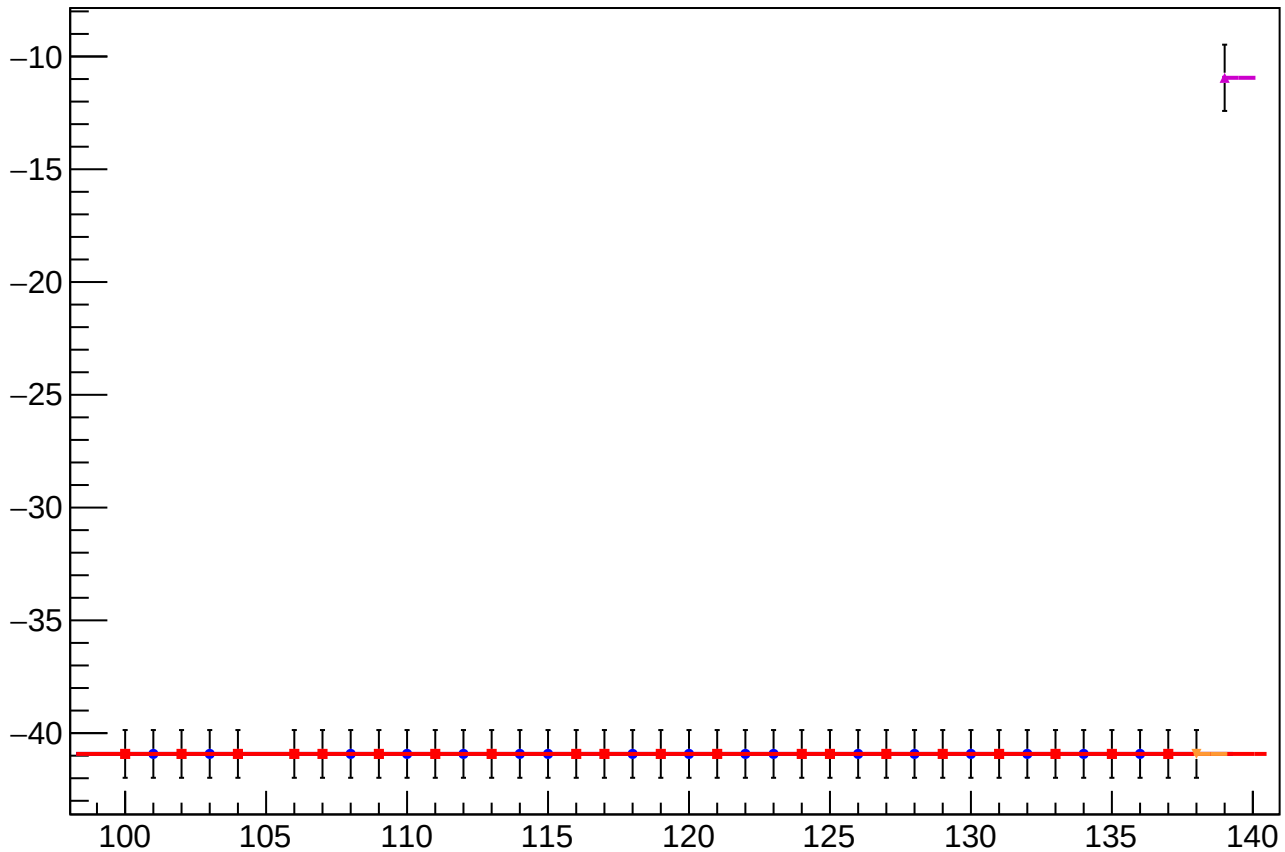
Right Out: -0.157 $\pm$ 0.008 χ^2 /NDF: 0.0/19

Left In: -0.021 $\pm$ 0.040 χ^2 /NDF: 0.0/0

-0.157 $\pm$ 0.009 χ^2 /NDF: 0.0/17

-0.152 $\pm$ 0.008 χ^2 /NDF: 10.9/20

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -40.922 ± 0.257 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -40.922 ± 1.059 $\chi^2/\text{NDF}: 0.0/0$

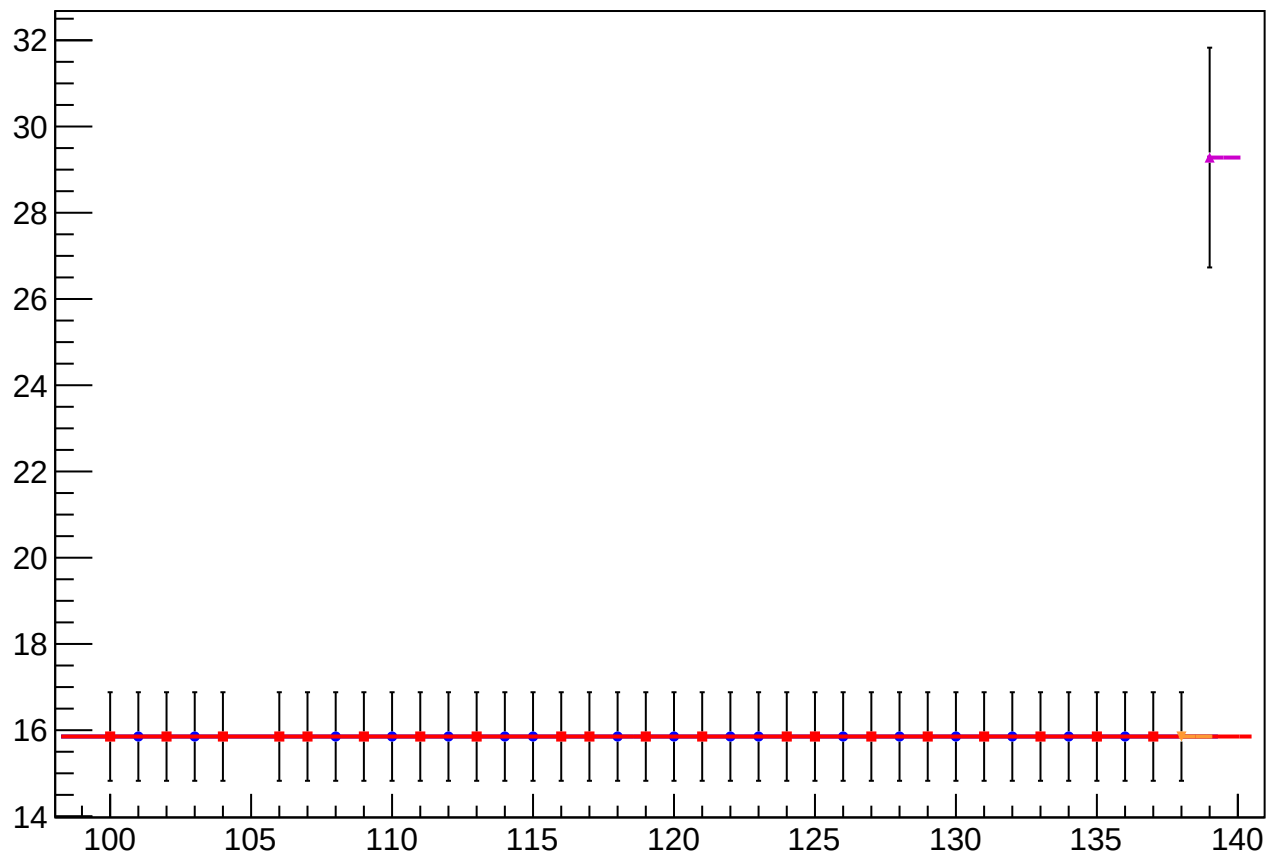
Right Out: -40.922 ± 0.237 $\chi^2/\text{NDF}: 0.0/19$

Left In: -10.945 ± 1.469 $\chi^2/\text{NDF}: 0.0/0$

-40.922 ± 0.250 $\chi^2/\text{NDF}: 0.0/17$

-40.163 ± 0.234 $\chi^2/\text{NDF}: 405.9/20$

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

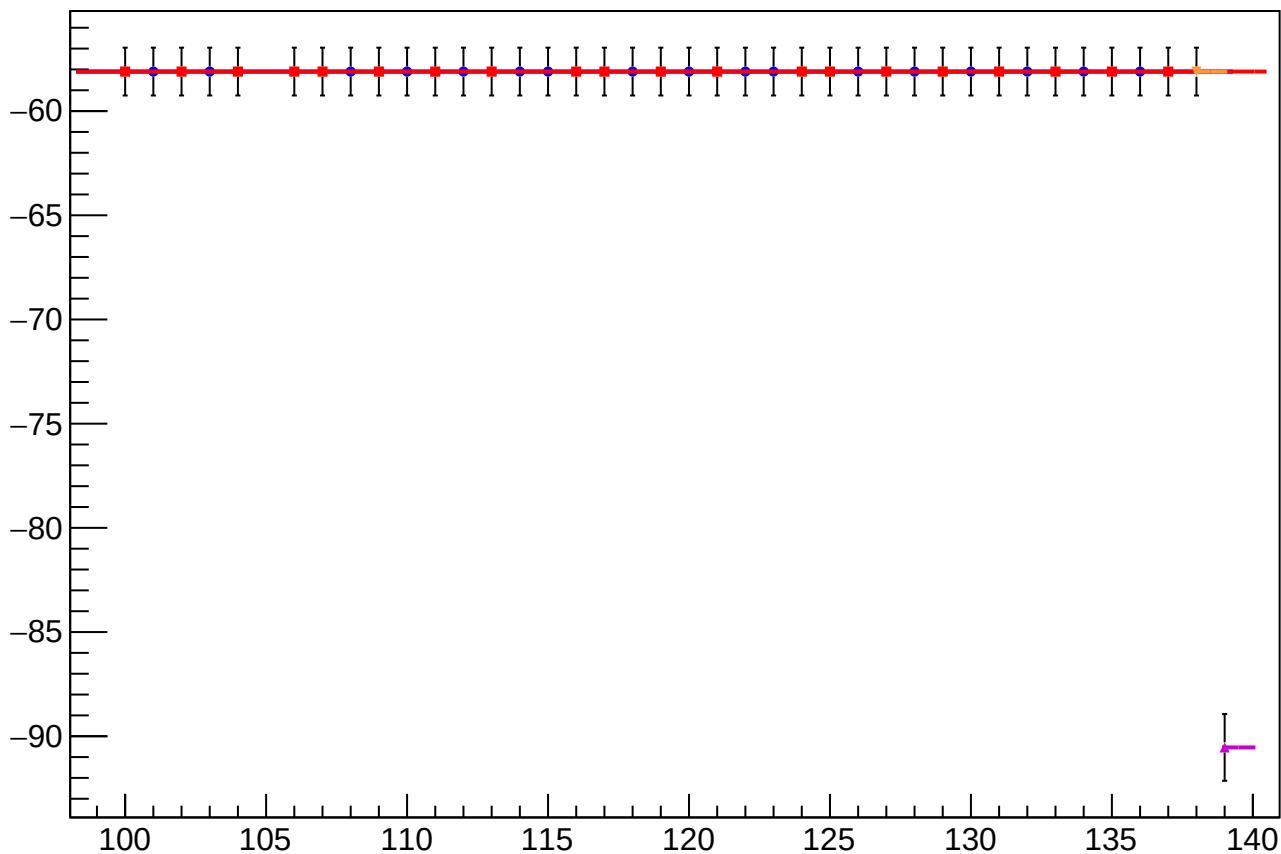
Right Out: 15.853 $\pm$ 0.230 χ^2 /NDF: 0.0/19

Left In: 29.280 $\pm$ 2.548 χ^2 /NDF:0.0/0

15.853 $\pm$ 0.242 χ^2 /NDF: 0.0/17

15.962 $\pm$ 0.229 χ^2 /NDF: 27.5/20

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

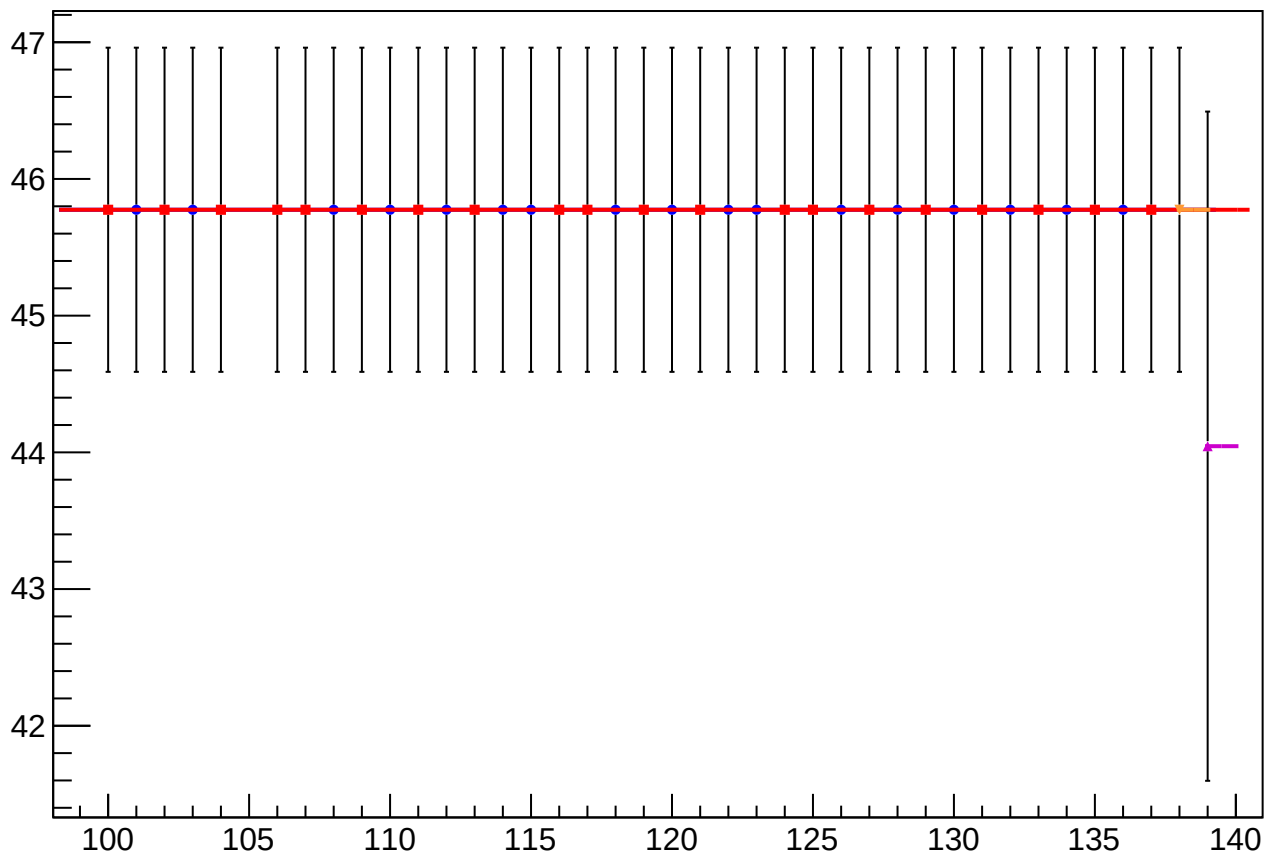
Right Out: -58.103 $\pm$ 0.257 χ^2 /NDF: 0.0/19

Left In: -90.537 $\pm$ 1.601 χ^2 /NDF: 0.0/0

-58.103 $\pm$ 0.270 χ^2 /NDF: 0.0/17

-58.915 $\pm$ 0.253 χ^2 /NDF: 399.9/20

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

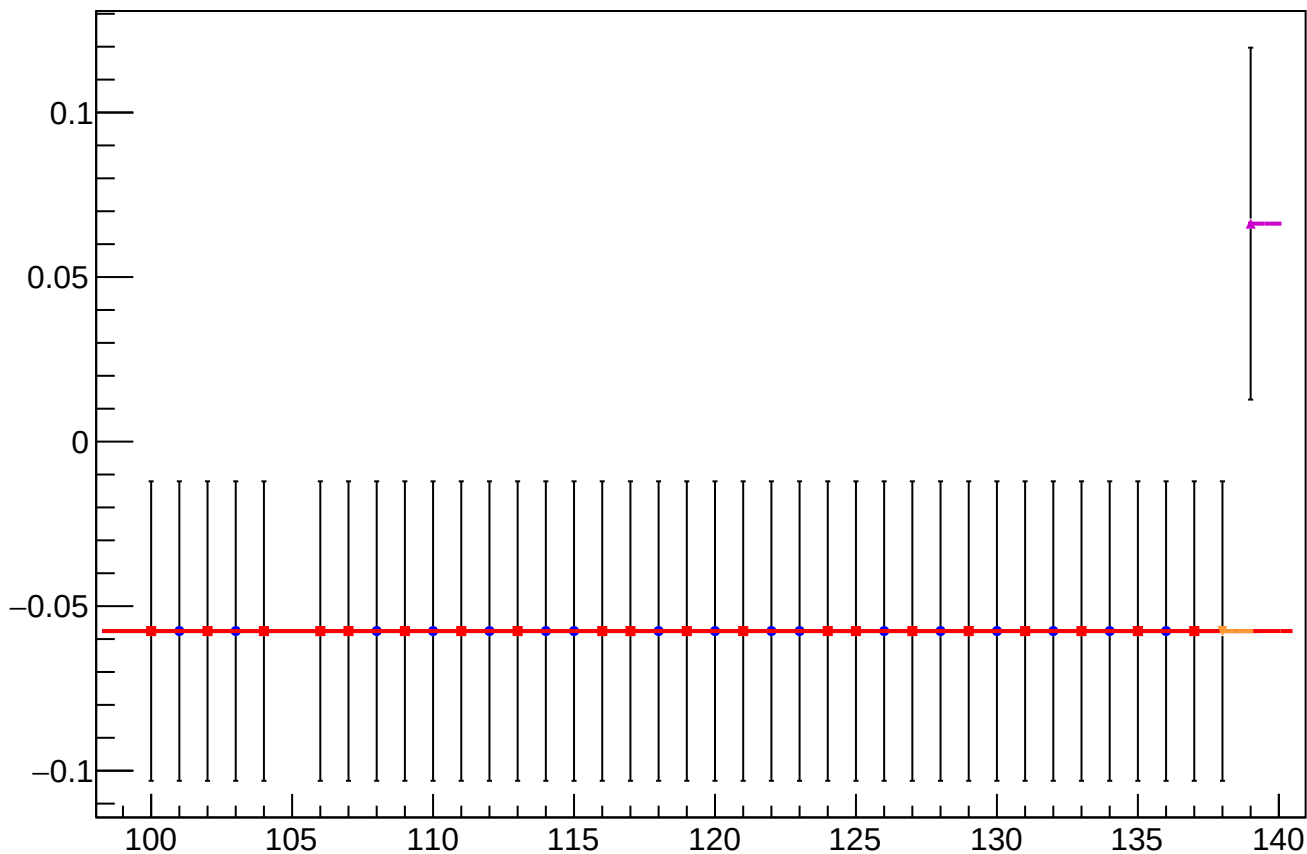
Right Out: 45.775 $\pm$ 0.265 χ^2 /NDF: 0.0/19

Left In: 44.045 $\pm$ 2.448 χ^2 /NDF:0.0/0

45.775 $\pm$ 0.279 χ^2 /NDF: 0.0/17

45.755 $\pm$ 0.264 χ^2 /NDF: 0.5/20

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.058 ± 0.011 χ^2/NDF : 0.0/16

Left Out: -0.058 ± 0.045 χ^2/NDF : 0.0/0

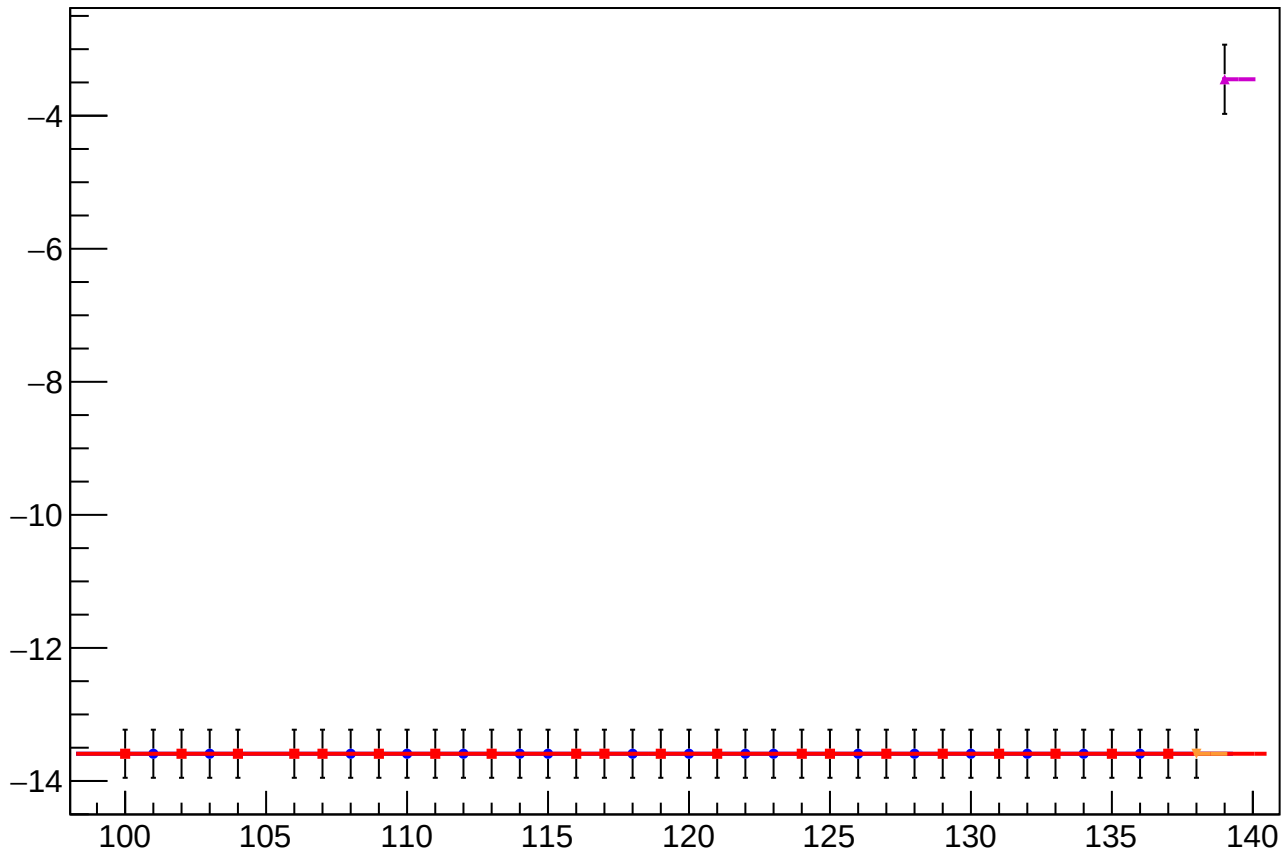
Right Out: -0.058 ± 0.010 χ^2/NDF : 0.0/19

Left In: 0.066 ± 0.053 χ^2/NDF : 0.0/0

-0.058 ± 0.011 χ^2/NDF : 0.0/17

-0.053 ± 0.010 χ^2/NDF : 5.2/20

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -13.591 $\pm$ 0.088 χ^2 /NDF: 0.0/16

Left Out: -13.591 $\pm$ 0.361 χ^2 /NDF: 0.0/0

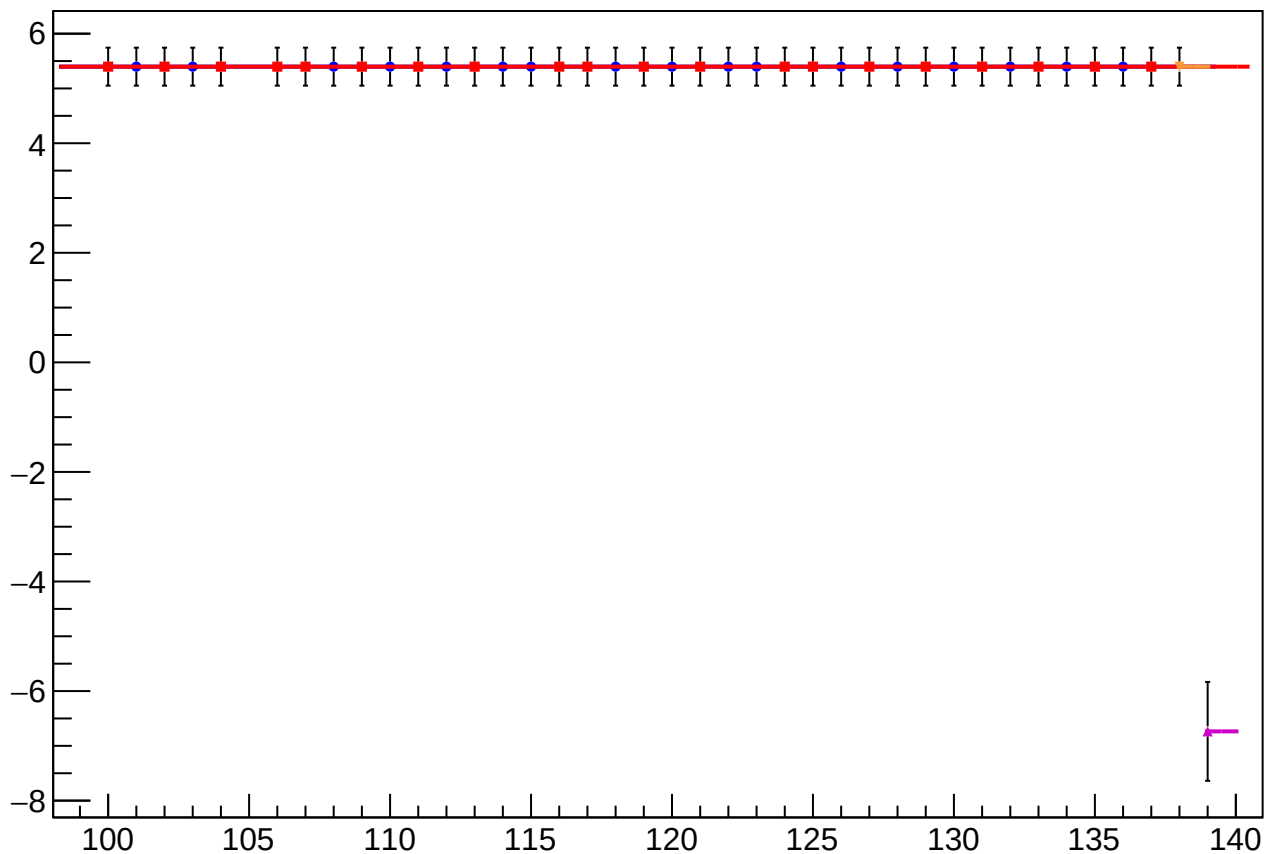
Right Out: -13.591 $\pm$ 0.081 χ^2 /NDF: 0.0/19

Left In: -3.452 $\pm$ 0.520 χ^2 /NDF: 0.0/0

-13.591 $\pm$ 0.085 χ^2 /NDF: 0.0/17

-13.352 $\pm$ 0.080 χ^2 /NDF: 371.0/20

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 5.398 $\pm$ 0.084 χ^2 /NDF: 0.0/16

Left Out: 5.398 $\pm$ 0.347 χ^2 /NDF: 0.0/0

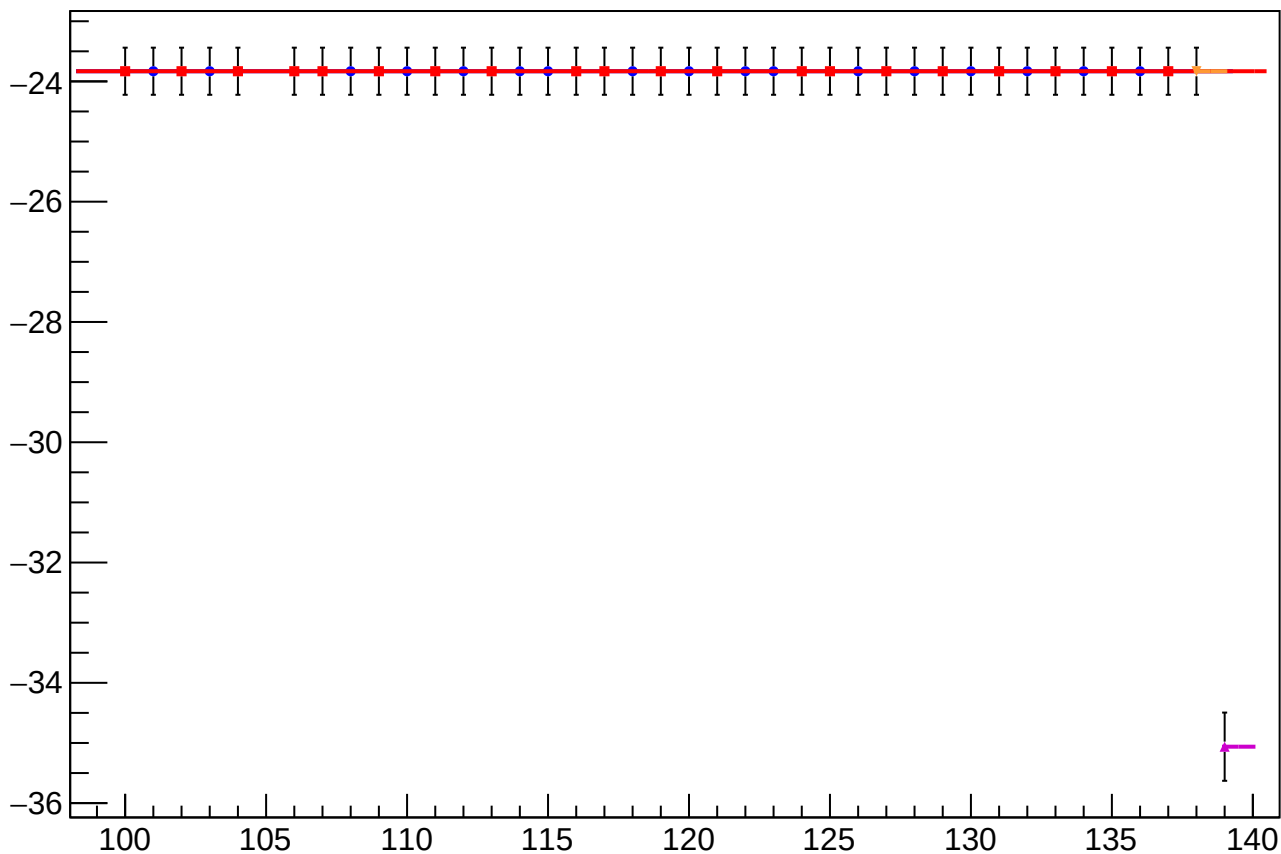
Right Out: 5.398 $\pm$ 0.077 χ^2 /NDF: 0.0/19

Left In: -6.736 $\pm$ 0.902 χ^2 /NDF: 0.0/0

5.398 $\pm$ 0.082 χ^2 /NDF: 0.0/17

5.309 $\pm$ 0.077 χ^2 /NDF: 179.5/20

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -23.831 ± 0.095 χ^2/NDF : 0.0/16

Left Out: -23.831 ± 0.392 χ^2/NDF : 0.0/0

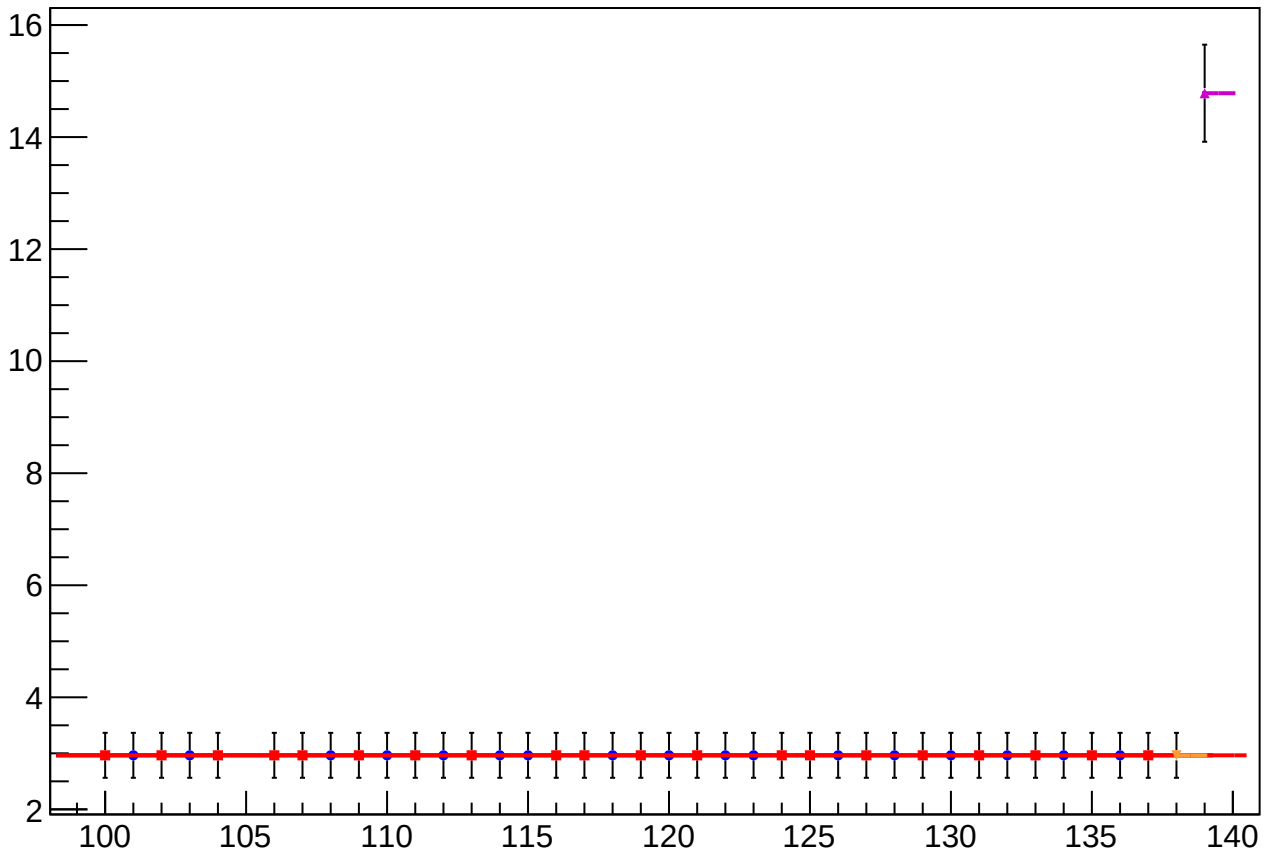
Right Out: -23.831 ± 0.088 χ^2/NDF : 0.0/19

Left In: -35.062 ± 0.567 χ^2/NDF : 0.0/0

-23.831 ± 0.092 χ^2/NDF : 0.0/17

-24.093 ± 0.087 χ^2/NDF : 383.1/20

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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

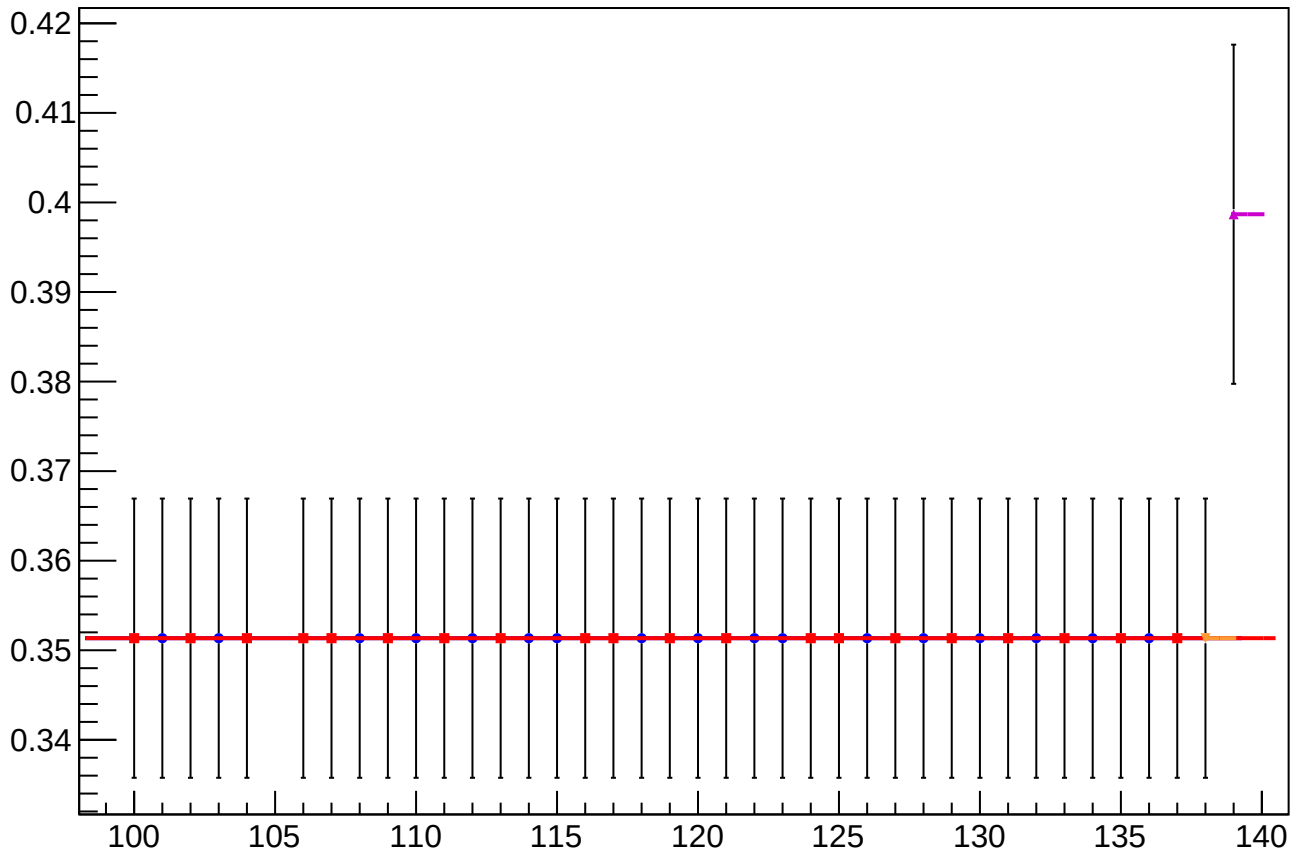
Right Out: 2.964 $\pm$ 0.090 χ^2 /NDF: 0.0/19

Left In: 14.783 $\pm$ 0.867 χ^2 /NDF: 0.0/0

2.964 $\pm$ 0.095 χ^2 /NDF: 0.0/17

3.090 $\pm$ 0.089 χ^2 /NDF: 184.0/20

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.351+/-0.004 χ^2/NDF : 0.0/16

Left Out: 0.351+/-0.016 χ^2/NDF : 0.0/0

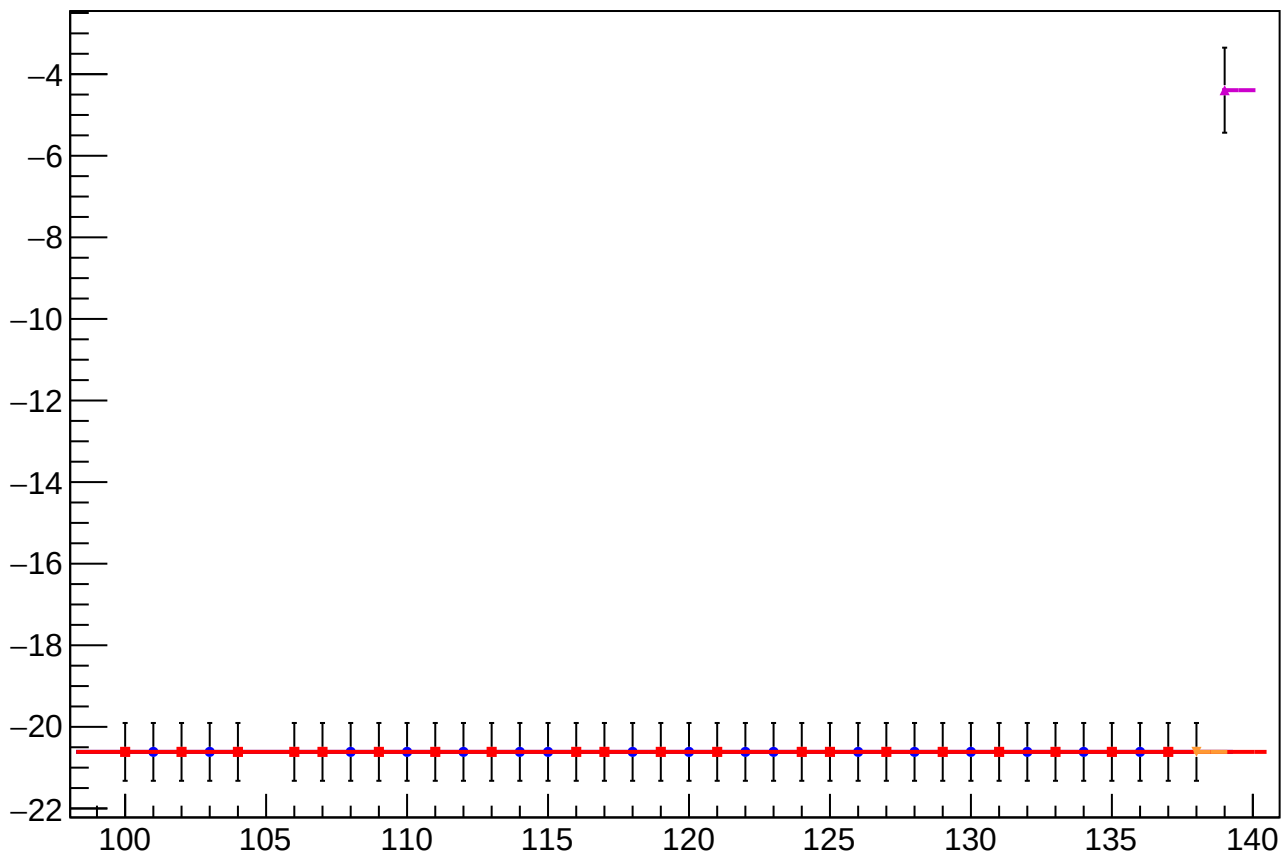
Right Out: 0.351+/-0.003 χ^2/NDF : 0.0/19

Left In: 0.399+/-0.019 χ^2/NDF : 0.0/0

0.351+/-0.004 χ^2/NDF : 0.0/17

0.353+/-0.003 χ^2/NDF : 6.0/20

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -20.614 ± 0.172 χ^2/NDF : 0.0/16

Left Out: -20.614 ± 0.709 χ^2/NDF : 0.0/0

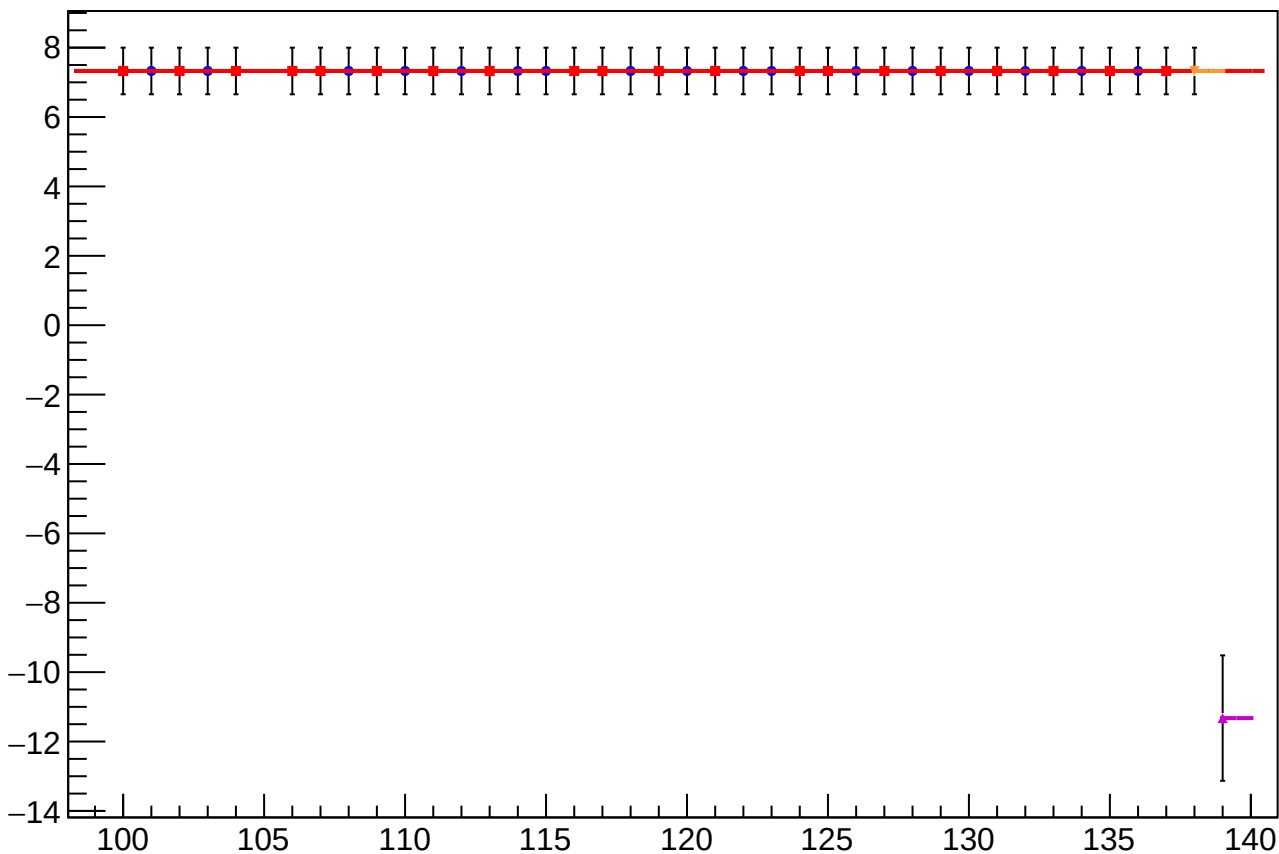
Right Out: -20.614 ± 0.158 χ^2/NDF : 0.0/19

Left In: -4.393 ± 1.042 χ^2/NDF : 0.0/0

-20.614 ± 0.167 χ^2/NDF : 0.0/17

-20.247 ± 0.157 χ^2/NDF : 236.7/20

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

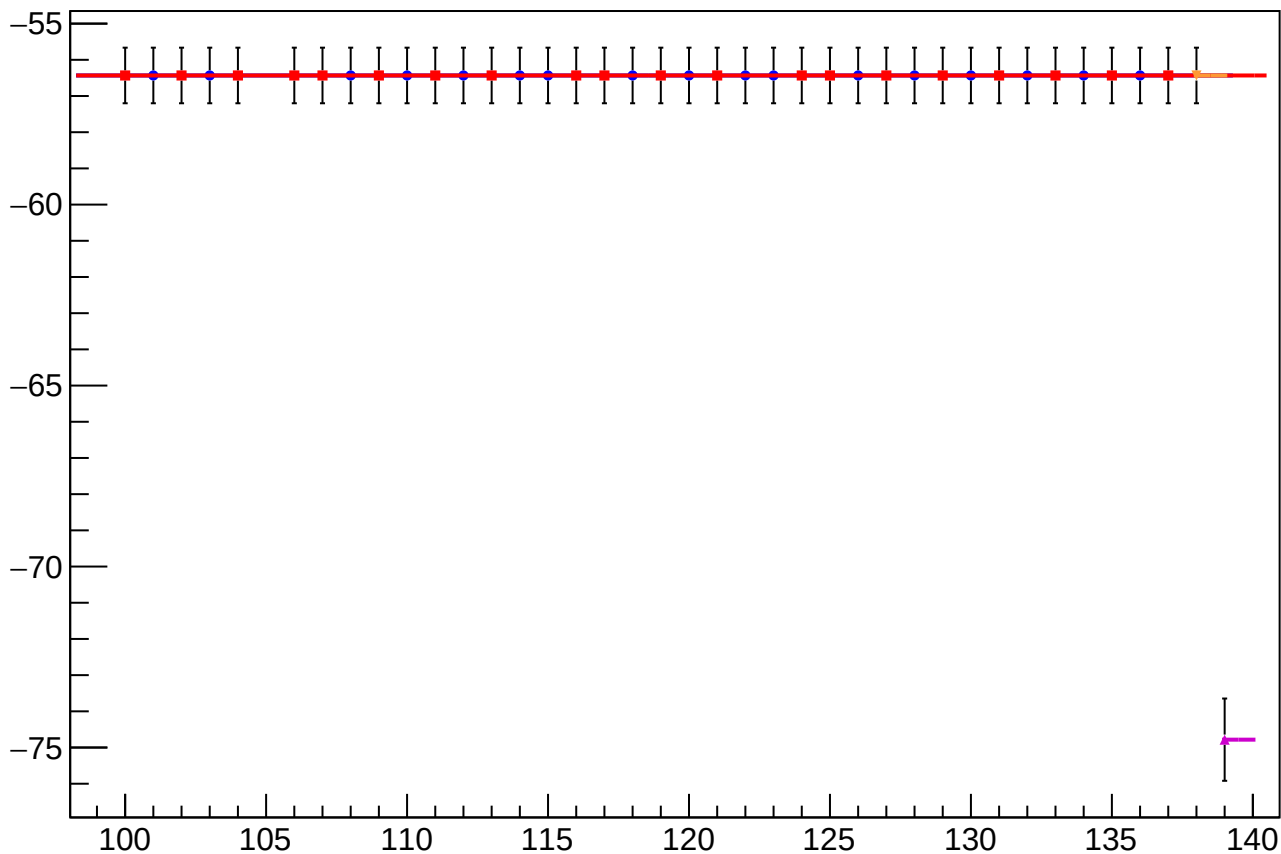
Right Out: 7.327 $\pm$ 0.150 χ^2 /NDF: 0.0/19

Left In: -11.324 $\pm$ 1.808 χ^2 /NDF: 0.0/0

7.327 $\pm$ 0.158 χ^2 /NDF: 0.0/17

7.199 $\pm$ 0.150 χ^2 /NDF: 105.7/20

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

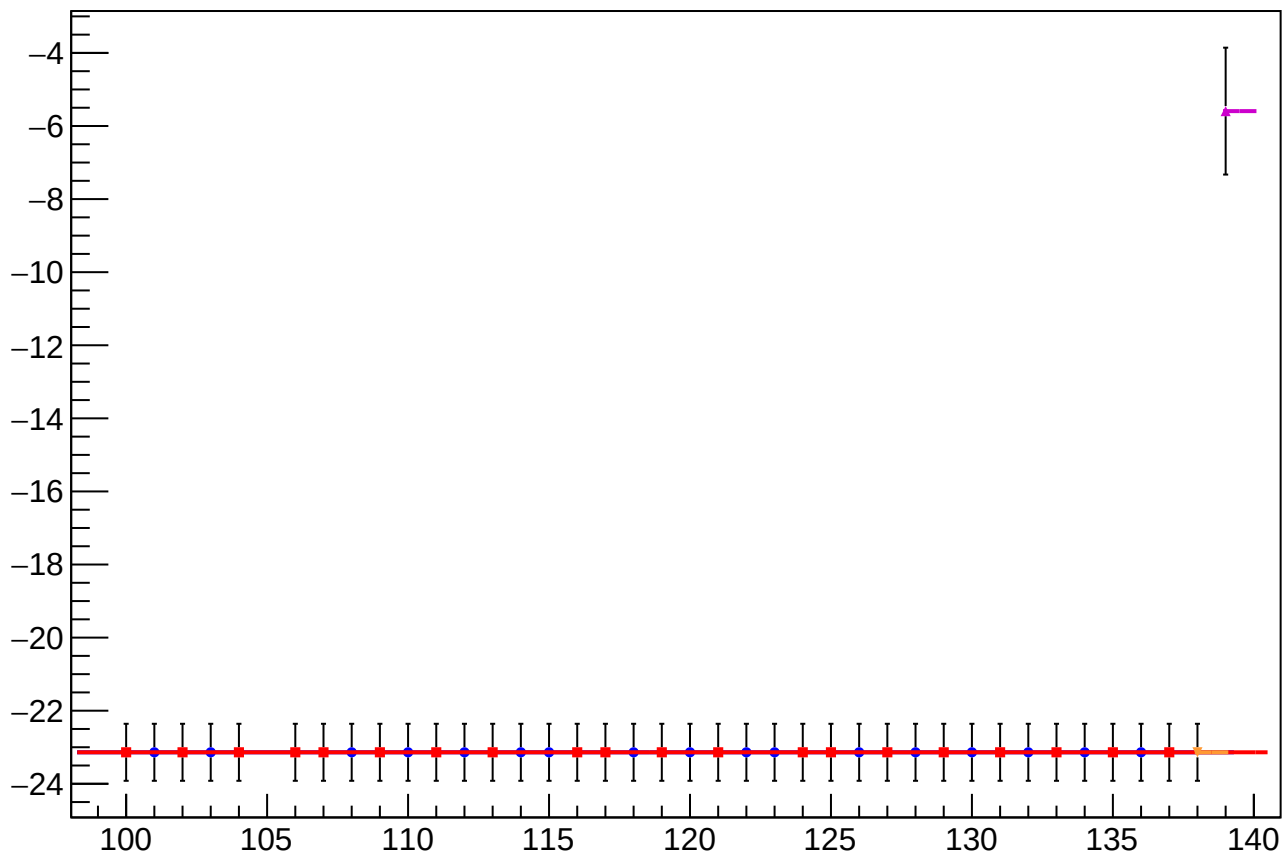
Right Out: -56.432 $\pm$ 0.172 χ^2 /NDF: 0.0/19

Left In: -74.783 $\pm$ 1.136 χ^2 /NDF: 0.0/0

-56.432 $\pm$ 0.181 χ^2 /NDF: 0.0/17

-56.842 $\pm$ 0.170 χ^2 /NDF: 254.9/20

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -23.138 ± 0.189 χ^2/NDF : 0.0/16

Left Out: -23.138 ± 0.780 χ^2/NDF : 0.0/0

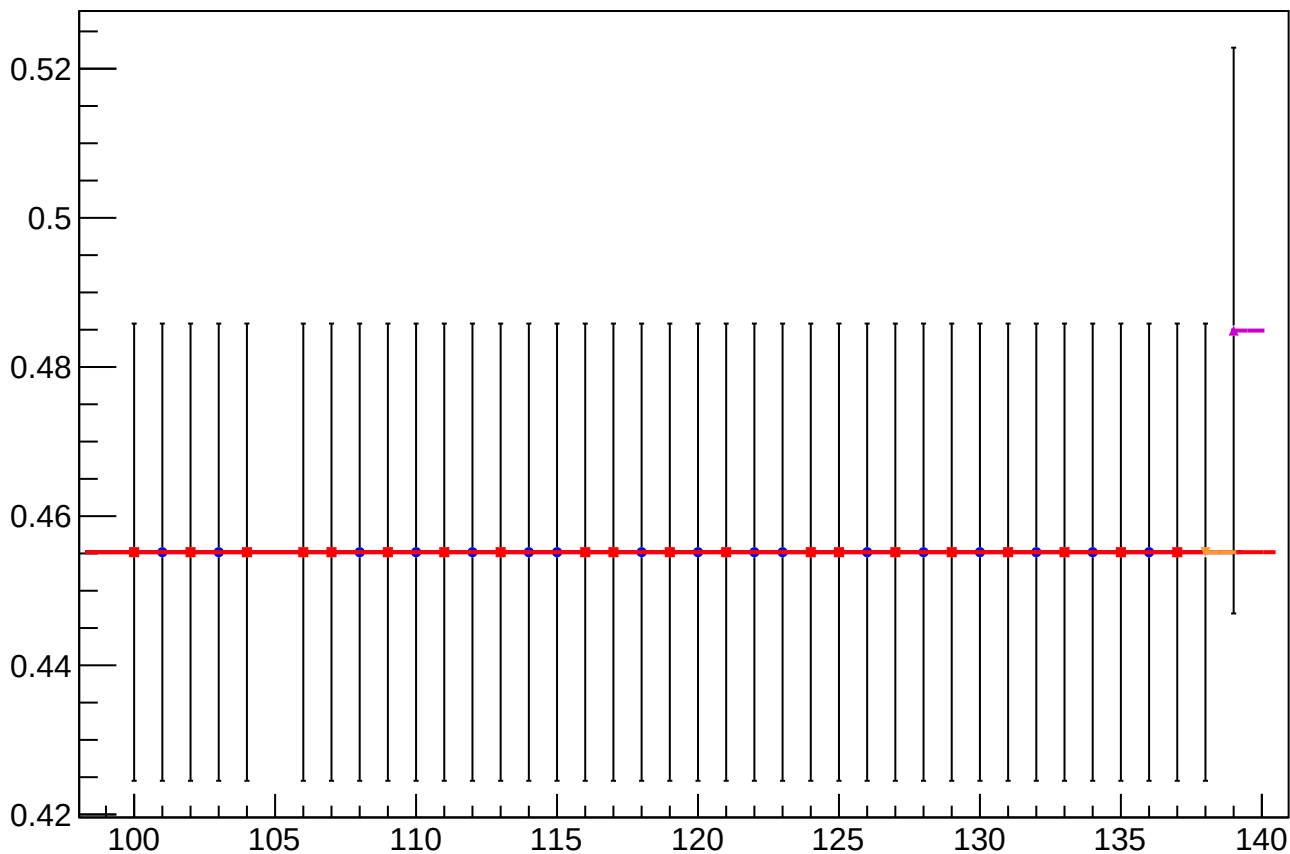
Right Out: -23.138 ± 0.174 χ^2/NDF : 0.0/19

Left In: -5.593 ± 1.736 χ^2/NDF : 0.0/0

-23.138 ± 0.184 χ^2/NDF : 0.0/17

-22.963 ± 0.174 χ^2/NDF : 101.1/20

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.455 $\pm$ 0.007 χ^2 /NDF: 0.0/16

Left Out: 0.455 $\pm$ 0.031 χ^2 /NDF: 0.0/0

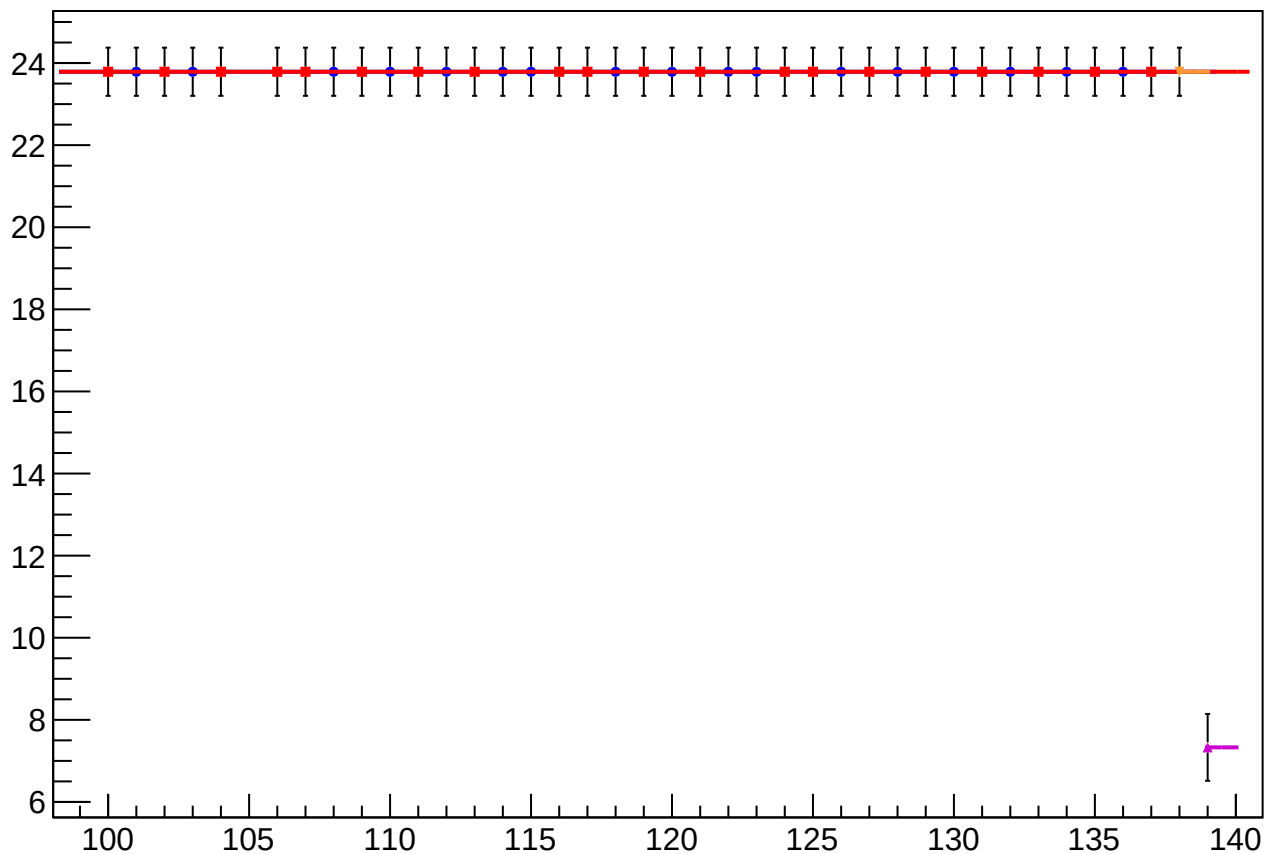
Right Out: 0.455 $\pm$ 0.007 χ^2 /NDF: 0.0/19

Left In: 0.485 $\pm$ 0.038 χ^2 /NDF: 0.0/0

0.455 $\pm$ 0.007 χ^2 /NDF: 0.0/17

0.456 $\pm$ 0.007 χ^2 /NDF: 0.6/20

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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

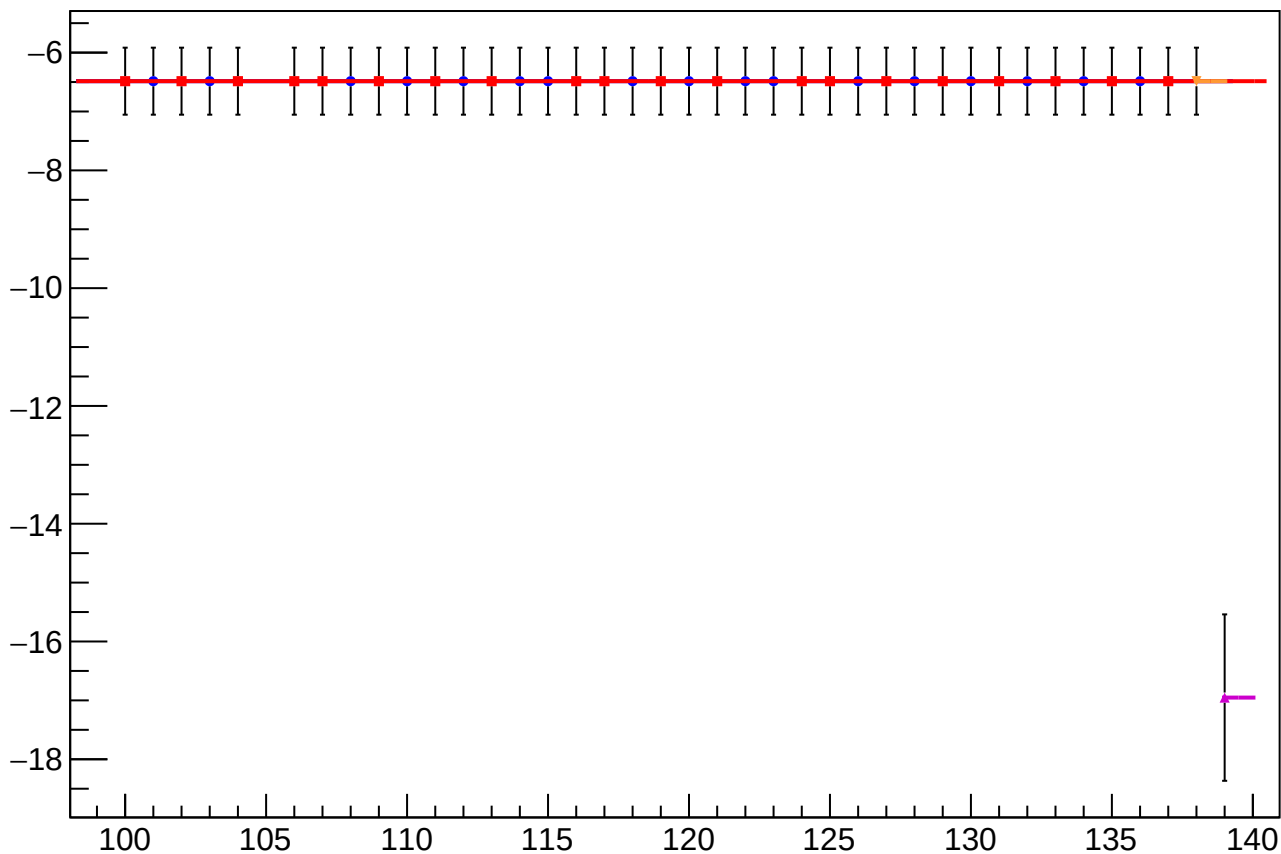
Right Out: 23.788 $\pm$ 0.131 χ^2 /NDF: 0.0/19

Left In: 7.329 $\pm$ 0.814 χ^2 /NDF:0.0/0

23.788 $\pm$ 0.138 χ^2 /NDF: 0.0/17

23.372 $\pm$ 0.130 χ^2 /NDF: 398.1/20

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -6.485 $\pm$ 0.138 χ^2 /NDF: 0.0/16

Left Out: -6.485 $\pm$ 0.569 χ^2 /NDF: 0.0/0

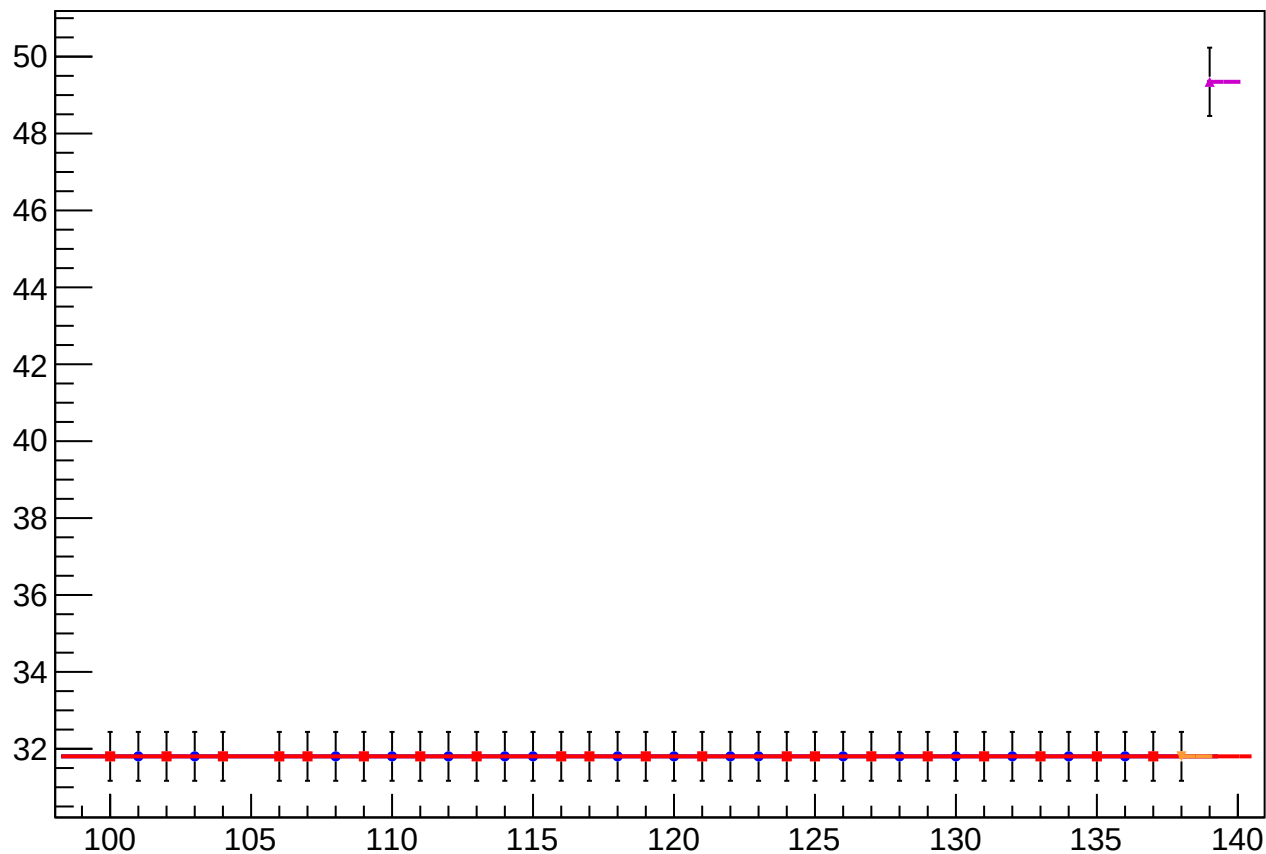
Right Out: -6.485 $\pm$ 0.127 χ^2 /NDF: 0.0/19

Left In: -16.953 $\pm$ 1.413 χ^2 /NDF: 0.0/0

-6.485 $\pm$ 0.134 χ^2 /NDF: 0.0/17

-6.569 $\pm$ 0.127 χ^2 /NDF: 54.4/20

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 31.804 ± 0.154 χ^2/NDF : 0.0/16

Left Out: 31.804 ± 0.636 χ^2/NDF : 0.0/0

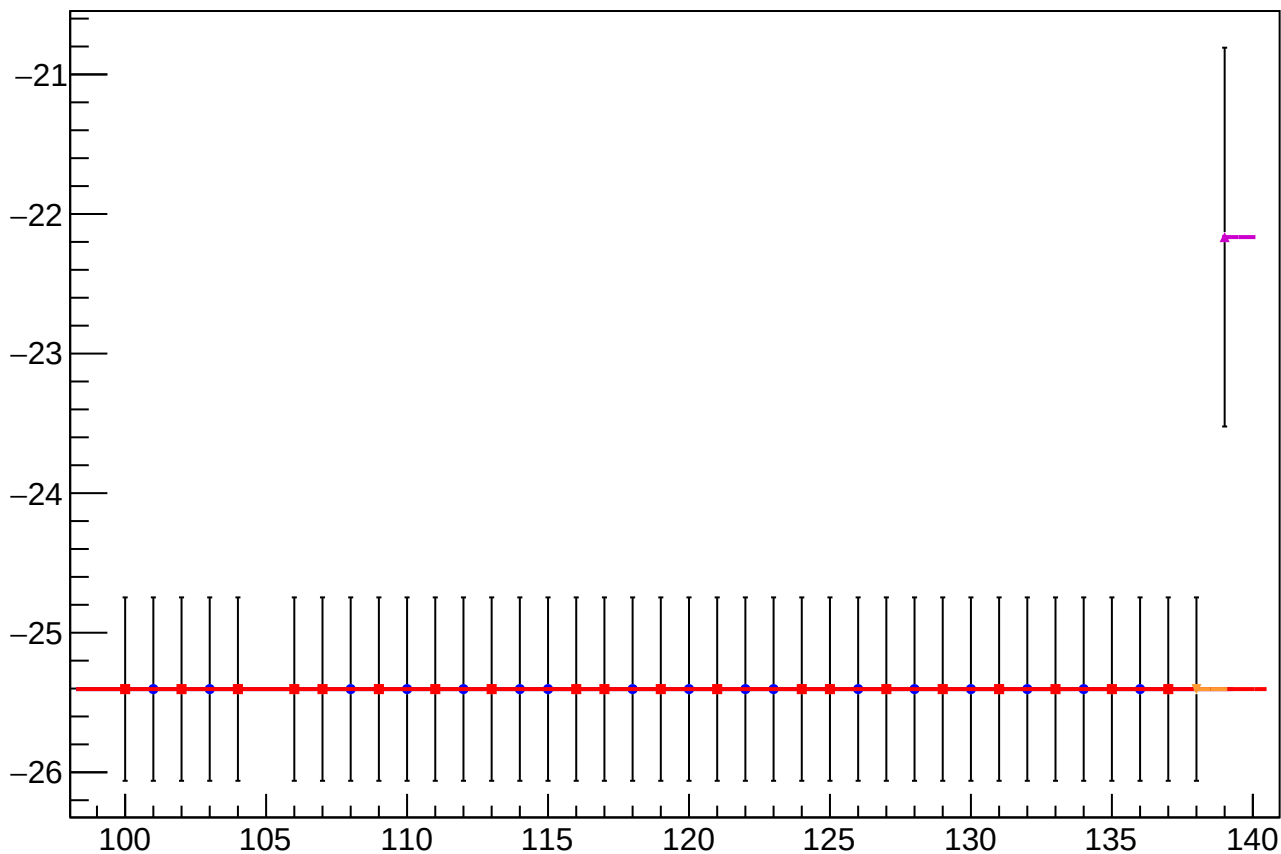
Right Out: 31.804 ± 0.142 χ^2/NDF : 0.0/19

Left In: 49.345 ± 0.888 χ^2/NDF : 0.0/0

31.804 ± 0.150 χ^2/NDF : 0.0/17

32.242 ± 0.140 χ^2/NDF : 380.5/20

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -25.404 $\pm$ 0.159 χ^2 /NDF: 0.0/16

Left Out: -25.404 $\pm$ 0.657 χ^2 /NDF: 0.0/0

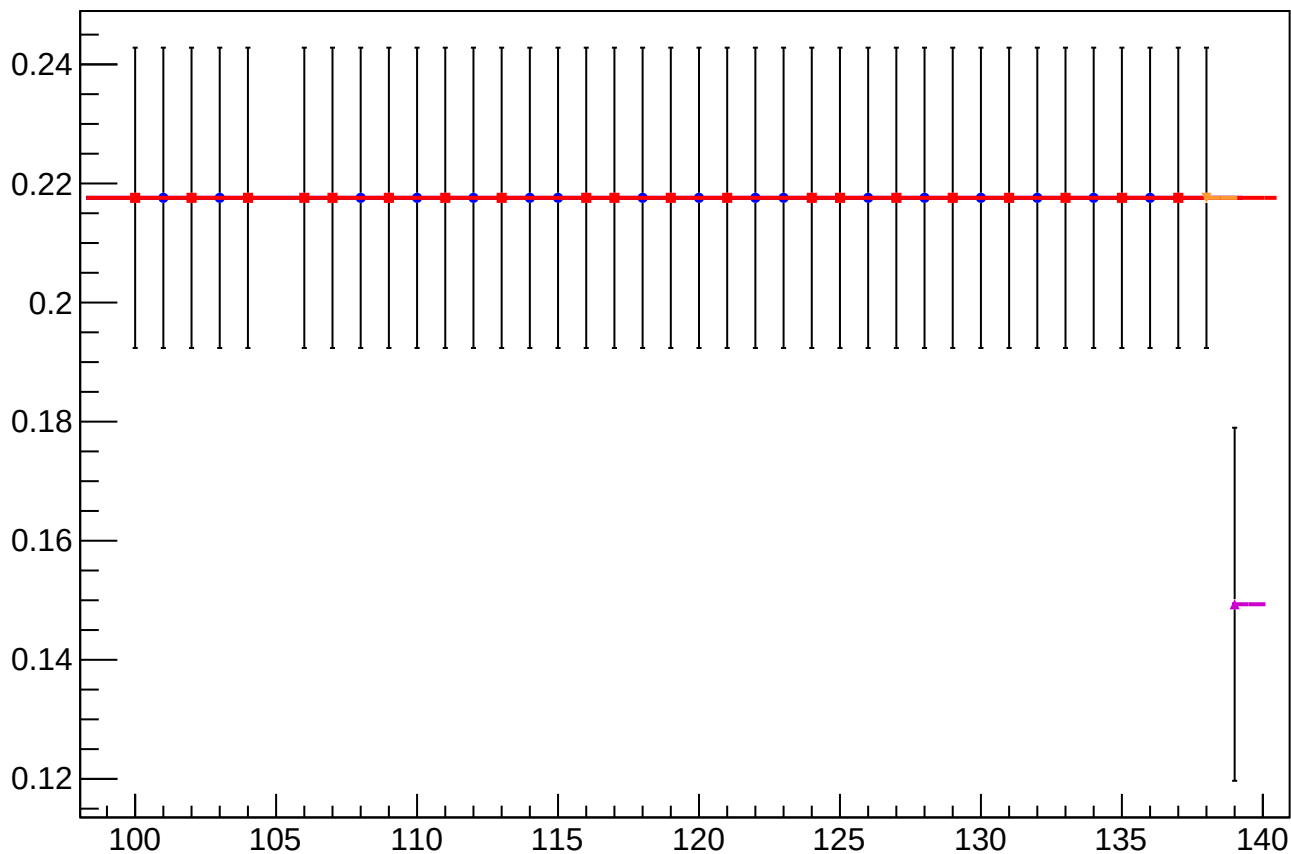
Right Out: -25.404 $\pm$ 0.147 χ^2 /NDF: 0.0/19

Left In: -22.165 $\pm$ 1.357 χ^2 /NDF: 0.0/0

-25.404 $\pm$ 0.155 χ^2 /NDF: 0.0/17

-25.366 $\pm$ 0.146 χ^2 /NDF: 5.6/20

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



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

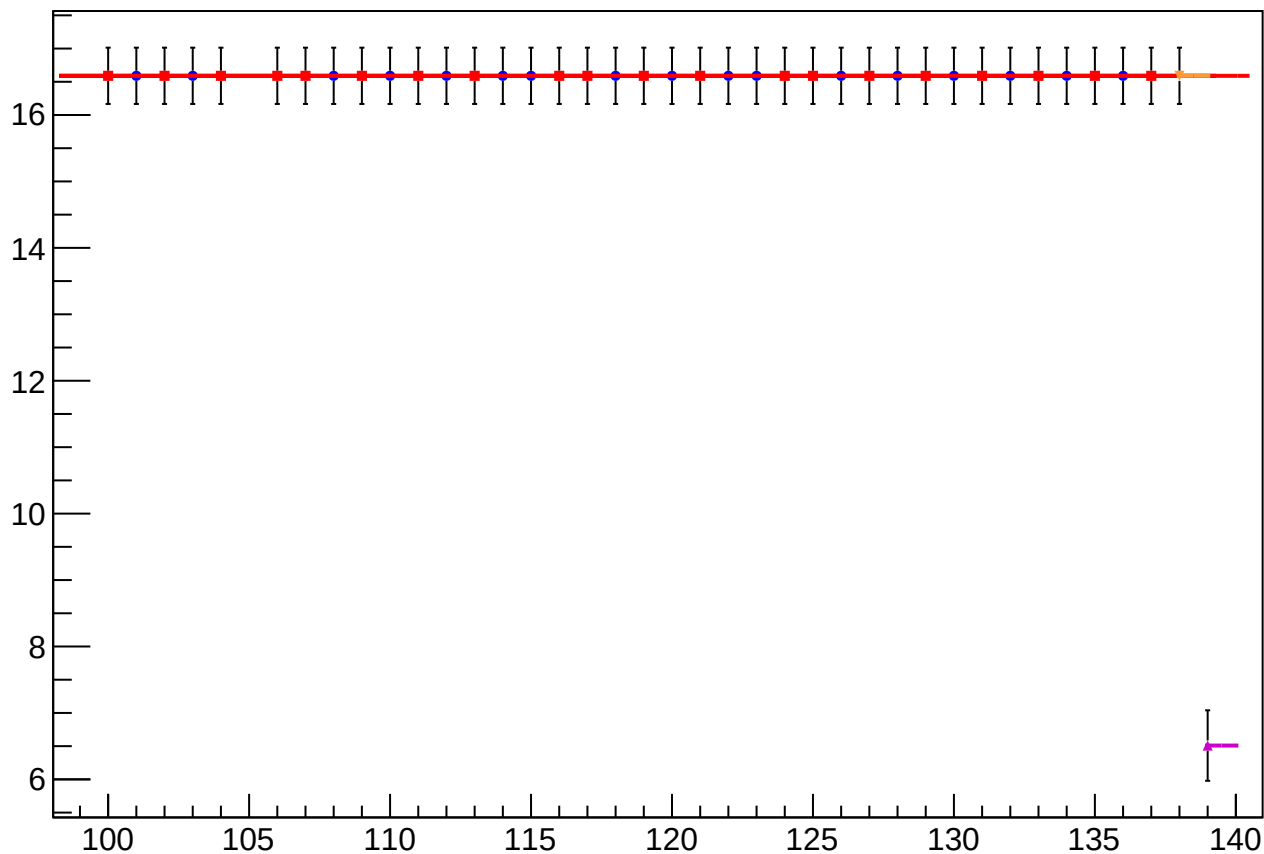
Right Out: 0.218 $\pm$ 0.006 χ^2 /NDF: 0.0/19

Left In: 0.149 $\pm$ 0.030 χ^2 /NDF: 0.0/0

0.218 $\pm$ 0.006 χ^2 /NDF: 0.0/17

0.215 $\pm$ 0.006 χ^2 /NDF: 5.1/20

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



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

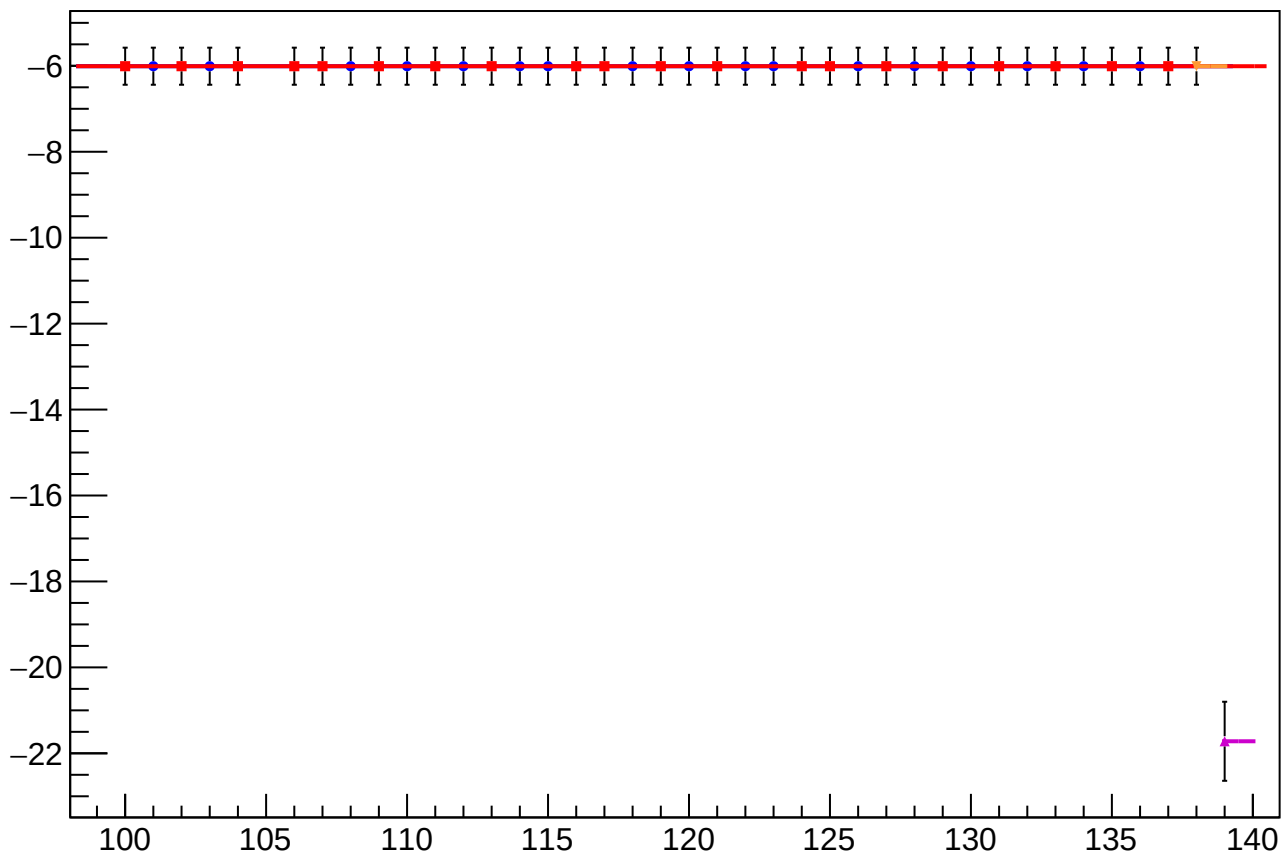
Right Out: 16.590 $\pm$ 0.095 χ^2 /NDF: 0.0/19

Left In: 6.509 $\pm$ 0.531 χ^2 /NDF: 0.0/0

16.590 $\pm$ 0.100 χ^2 /NDF: 0.0/17

16.278 $\pm$ 0.093 χ^2 /NDF: 349.9/20

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -6.009 $\pm$ 0.105 χ^2 /NDF: 0.0/16

Left Out: -6.009 $\pm$ 0.431 χ^2 /NDF: 0.0/0

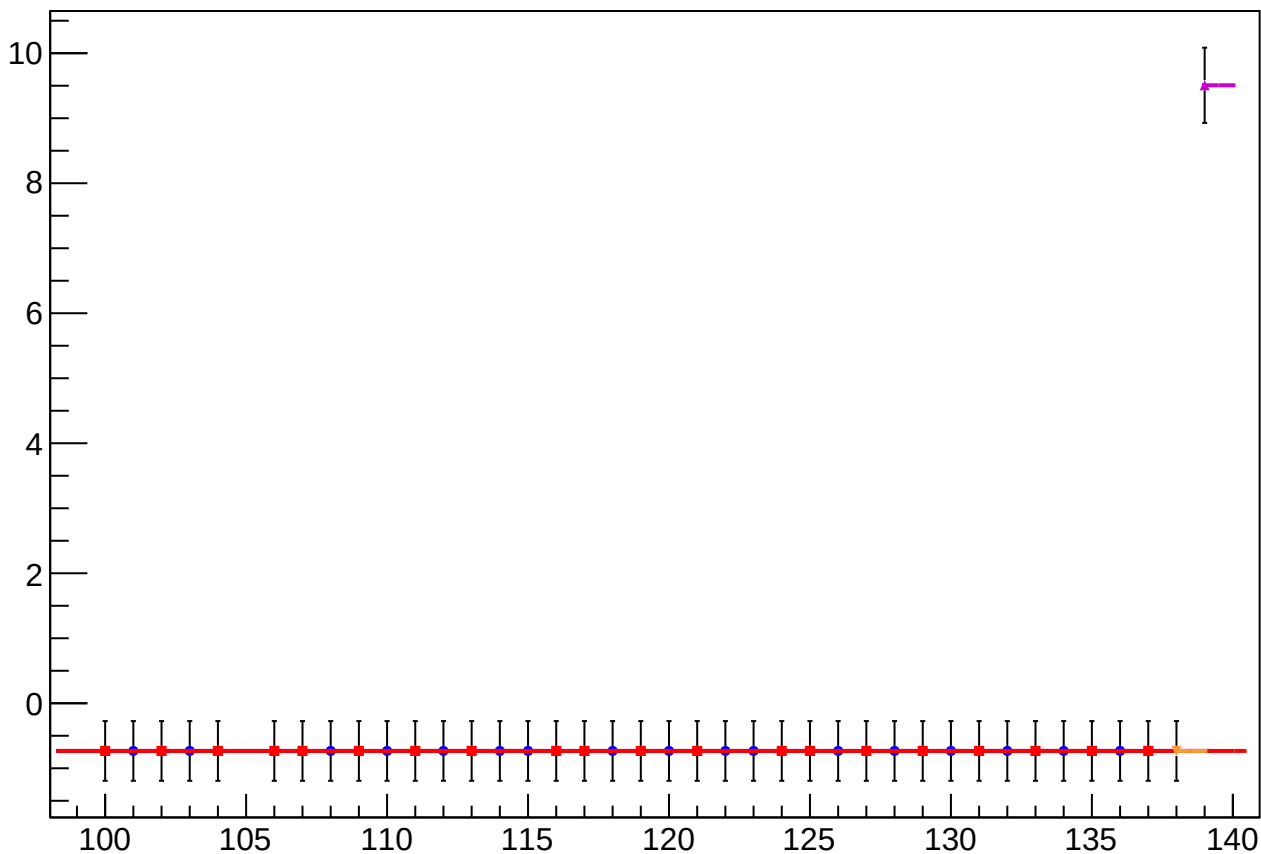
Right Out: -6.009 $\pm$ 0.096 χ^2 /NDF: 0.0/19

Left In: -21.720 $\pm$ 0.920 χ^2 /NDF: 0.0/0

-6.009 $\pm$ 0.102 χ^2 /NDF: 0.0/17

-6.180 $\pm$ 0.096 χ^2 /NDF: 288.5/20

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: -0.733 ± 0.111 χ^2/NDF : 0.0/16

Left Out: -0.733 ± 0.459 χ^2/NDF : 0.0/0

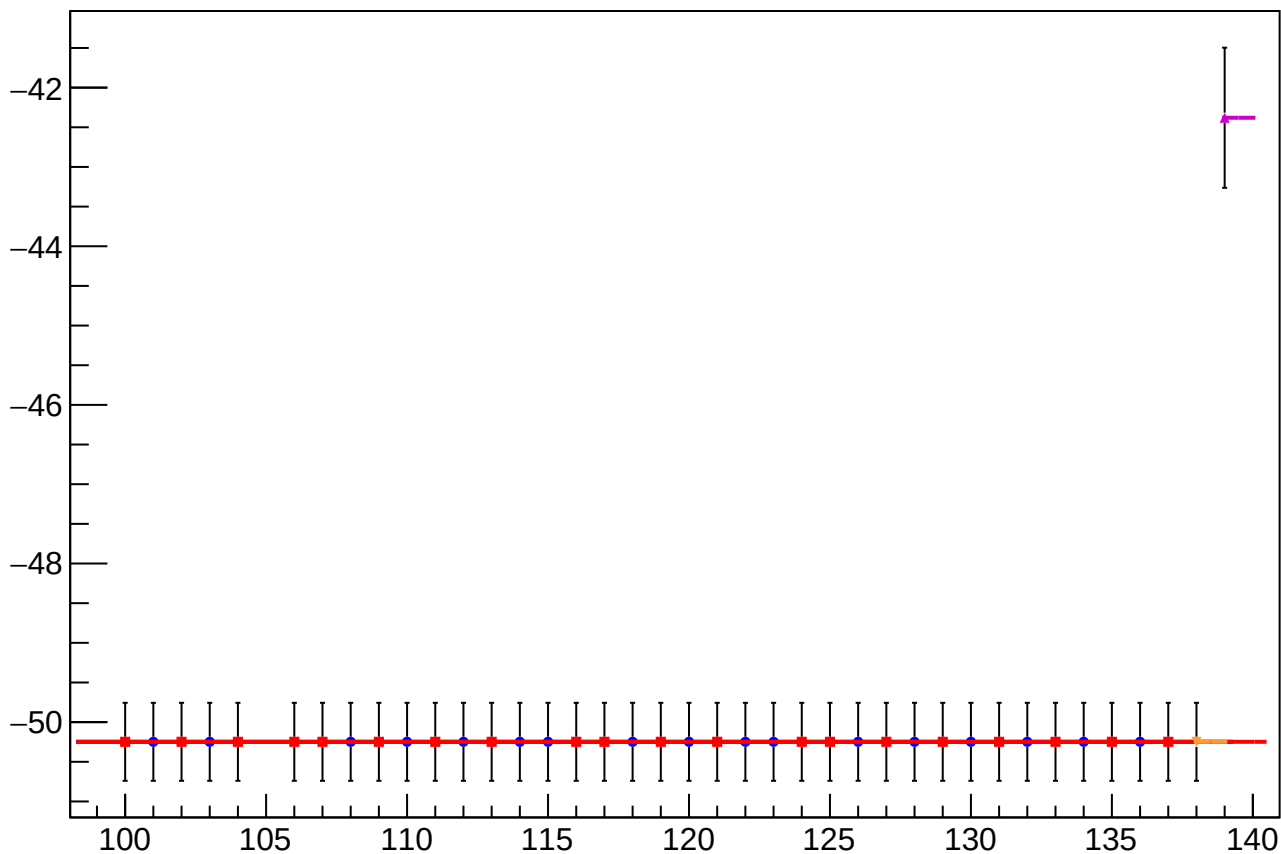
Right Out: -0.733 ± 0.103 χ^2/NDF : 0.0/19

Left In: 9.507 ± 0.578 χ^2/NDF : 0.0/0

-0.733 ± 0.108 χ^2/NDF : 0.0/17

-0.420 ± 0.101 χ^2/NDF : 303.8/20

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

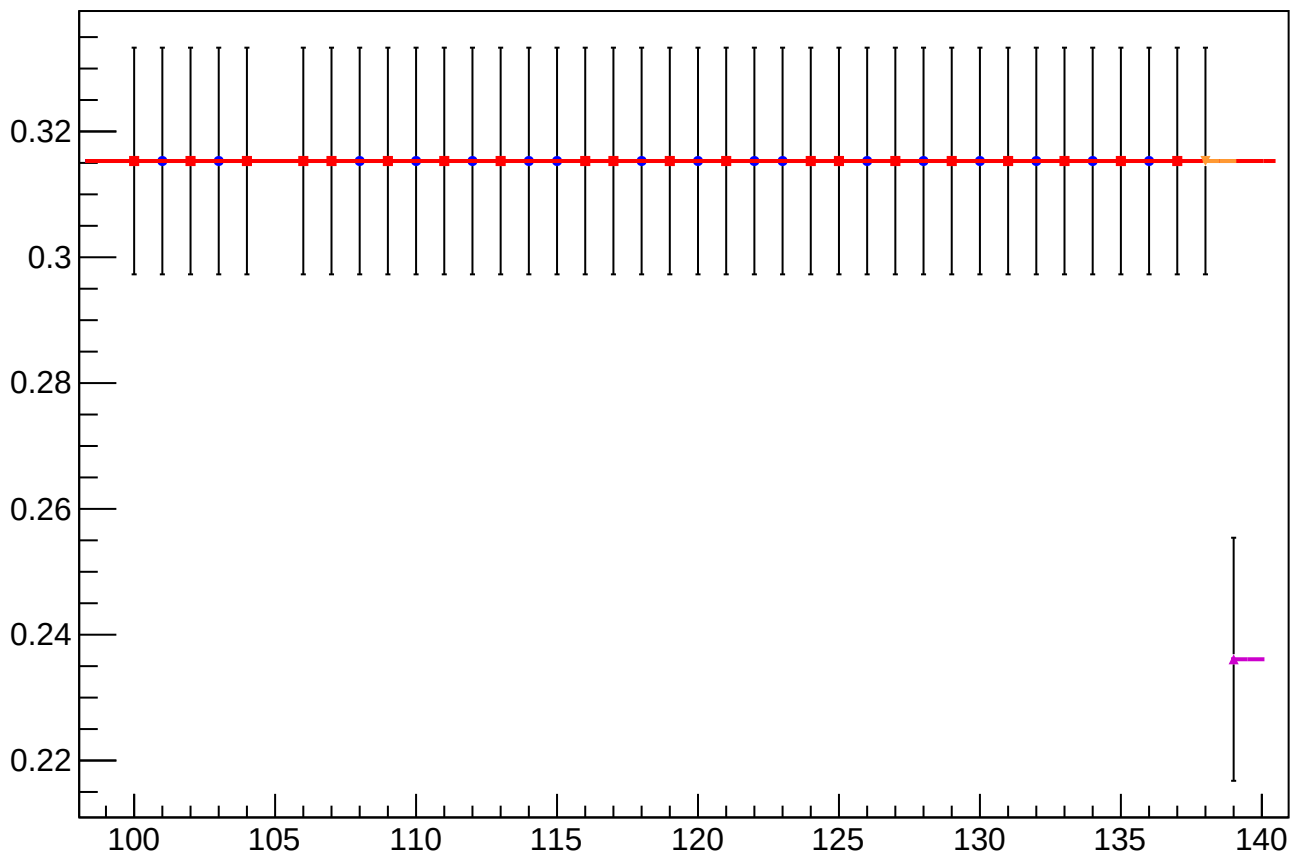
Right Out: -50.248 $\pm$ 0.110 χ^2 /NDF: 0.0/19

Left In: -42.380 $\pm$ 0.884 χ^2 /NDF: 0.0/0

-50.248 $\pm$ 0.116 χ^2 /NDF: 0.0/17

-50.128 $\pm$ 0.109 χ^2 /NDF: 78.1/20

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



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

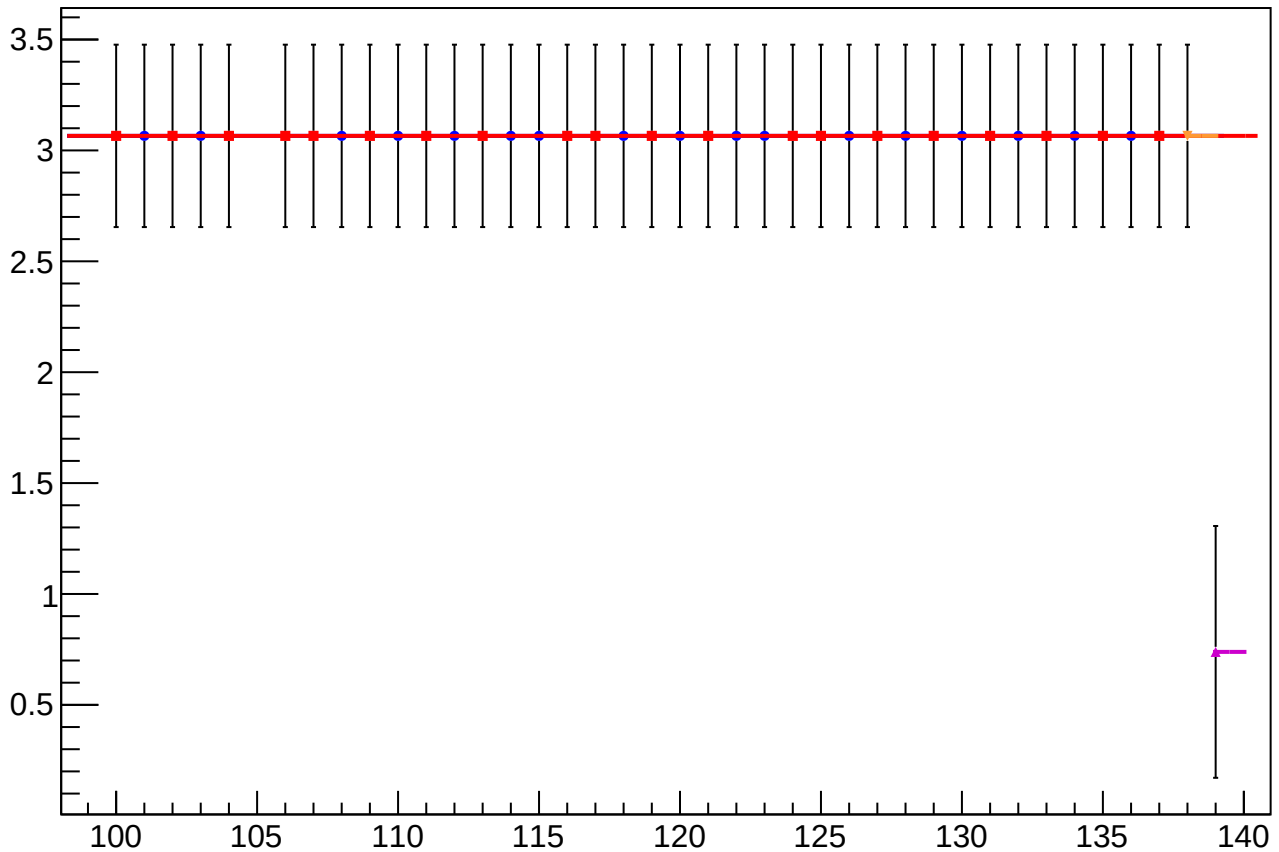
Right Out: 0.315 $\pm$ 0.004 χ^2 /NDF: 0.0/19

Left In: 0.236 $\pm$ 0.019 χ^2 /NDF: 0.0/0

0.315 $\pm$ 0.004 χ^2 /NDF: 0.0/17

0.312 $\pm$ 0.004 χ^2 /NDF: 16.1/20

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 3.066 $\pm$ 0.100 χ^2 /NDF: 0.0/16

Left Out: 3.066 $\pm$ 0.411 χ^2 /NDF: 0.0/0

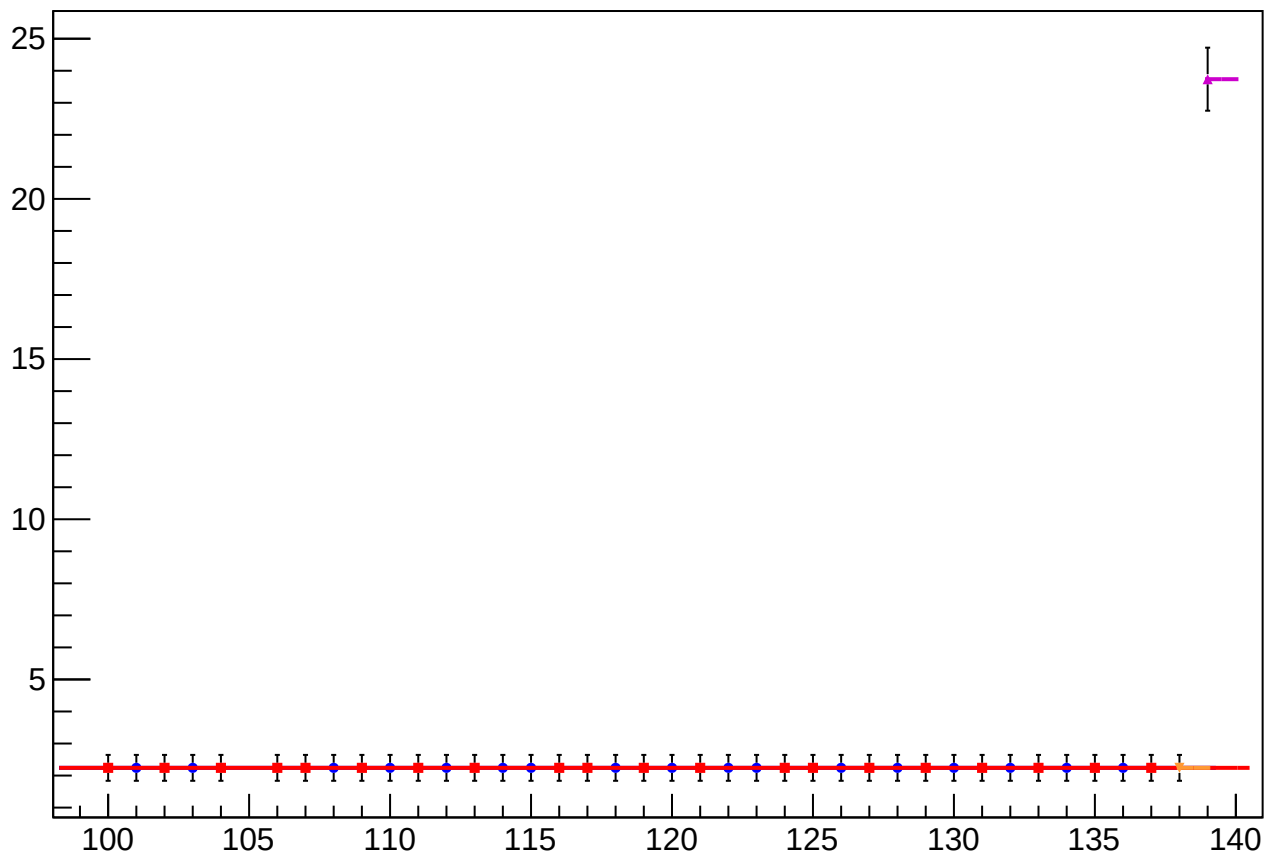
Right Out: 3.066 $\pm$ 0.092 χ^2 /NDF: 0.0/19

Left In: 0.739 $\pm$ 0.568 χ^2 /NDF: 0.0/0

3.066 $\pm$ 0.097 χ^2 /NDF: 0.0/17

3.006 $\pm$ 0.091 χ^2 /NDF: 16.4/20

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

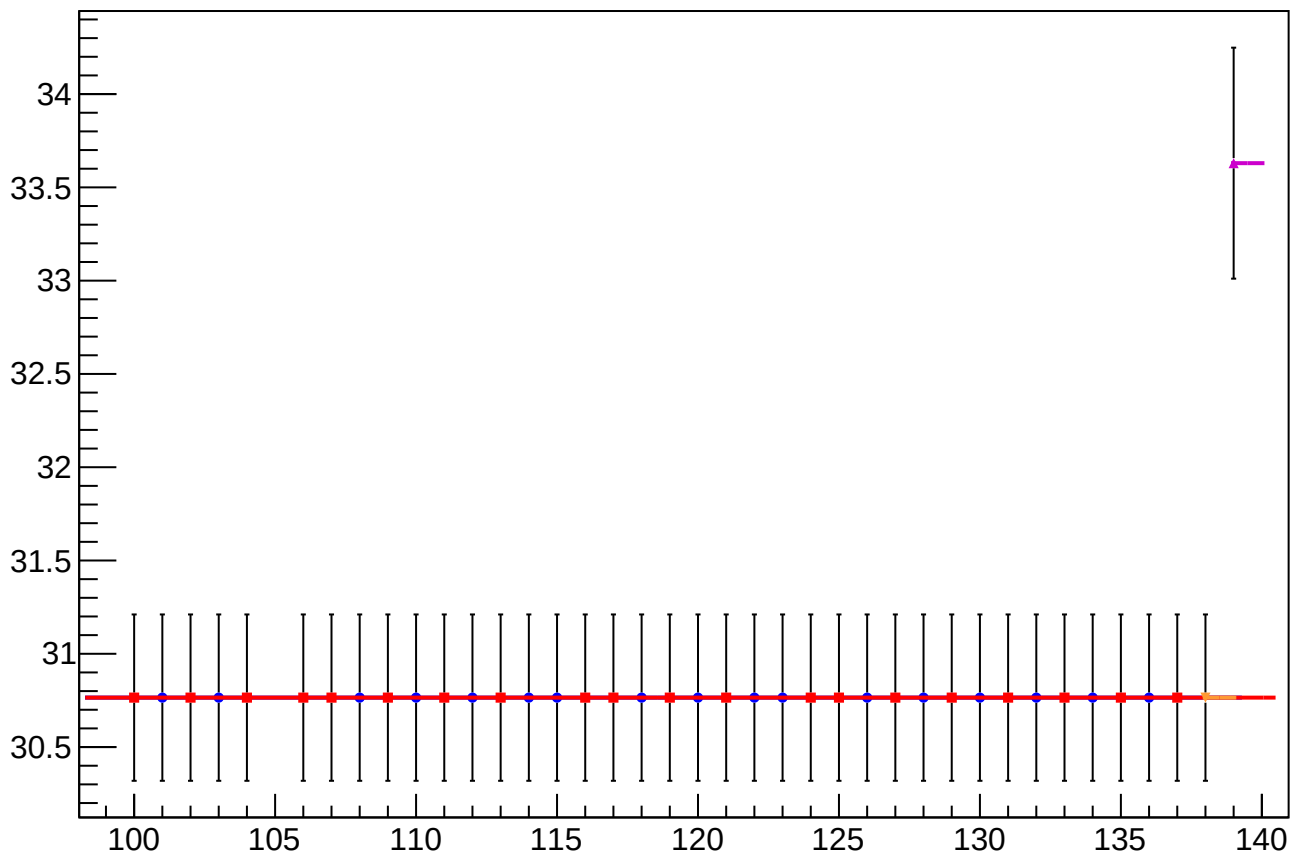
Right Out: 2.241 $\pm$ 0.090 χ^2 /NDF: 0.0/19

Left In: 23.737 $\pm$ 0.984 χ^2 /NDF: 0.0/0

2.241 $\pm$ 0.095 χ^2 /NDF: 0.0/17

2.421 $\pm$ 0.090 χ^2 /NDF: 473.4/20

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

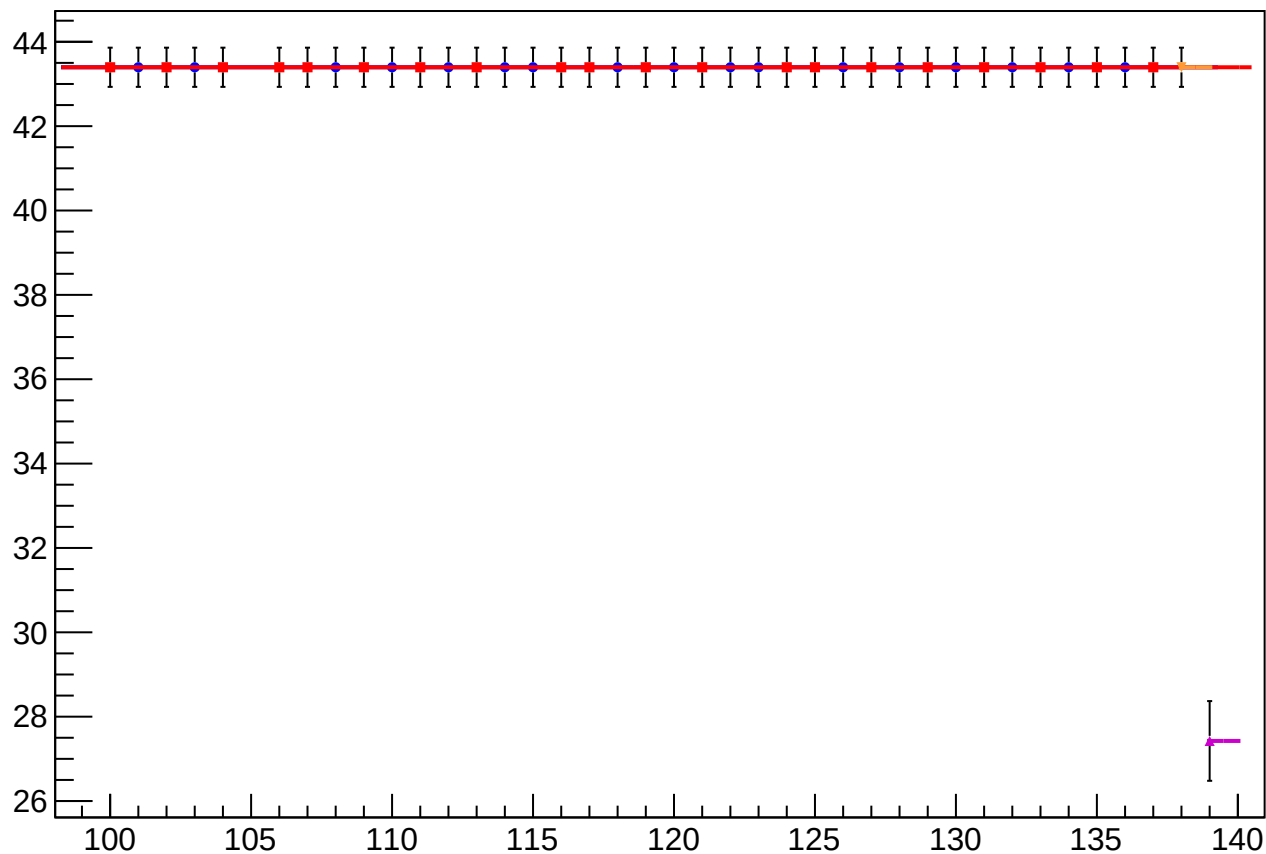
Right Out: 30.765 $\pm$ 0.100 χ^2 /NDF: 0.0/19

Left In: 33.630 $\pm$ 0.619 χ^2 /NDF: 0.0/0

30.765 $\pm$ 0.105 χ^2 /NDF: 0.0/17

30.837 $\pm$ 0.098 χ^2 /NDF: 20.9/20

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

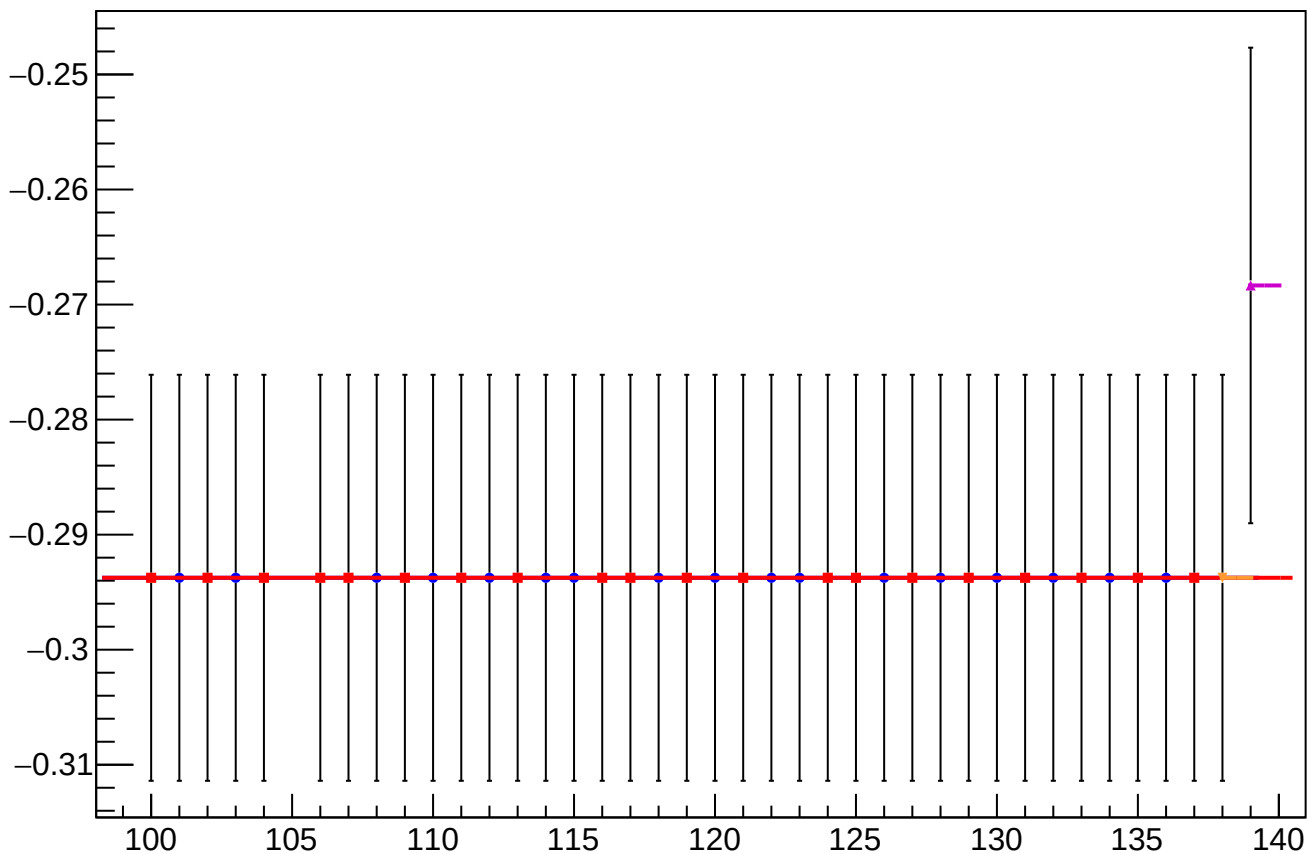
Right Out: 43.396 $\pm$ 0.104 χ^2 /NDF: 0.0/19

Left In: 27.425 $\pm$ 0.945 χ^2 /NDF: 0.0/0

43.396 $\pm$ 0.110 χ^2 /NDF: 0.0/17

43.205 $\pm$ 0.103 χ^2 /NDF: 282.3/20

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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

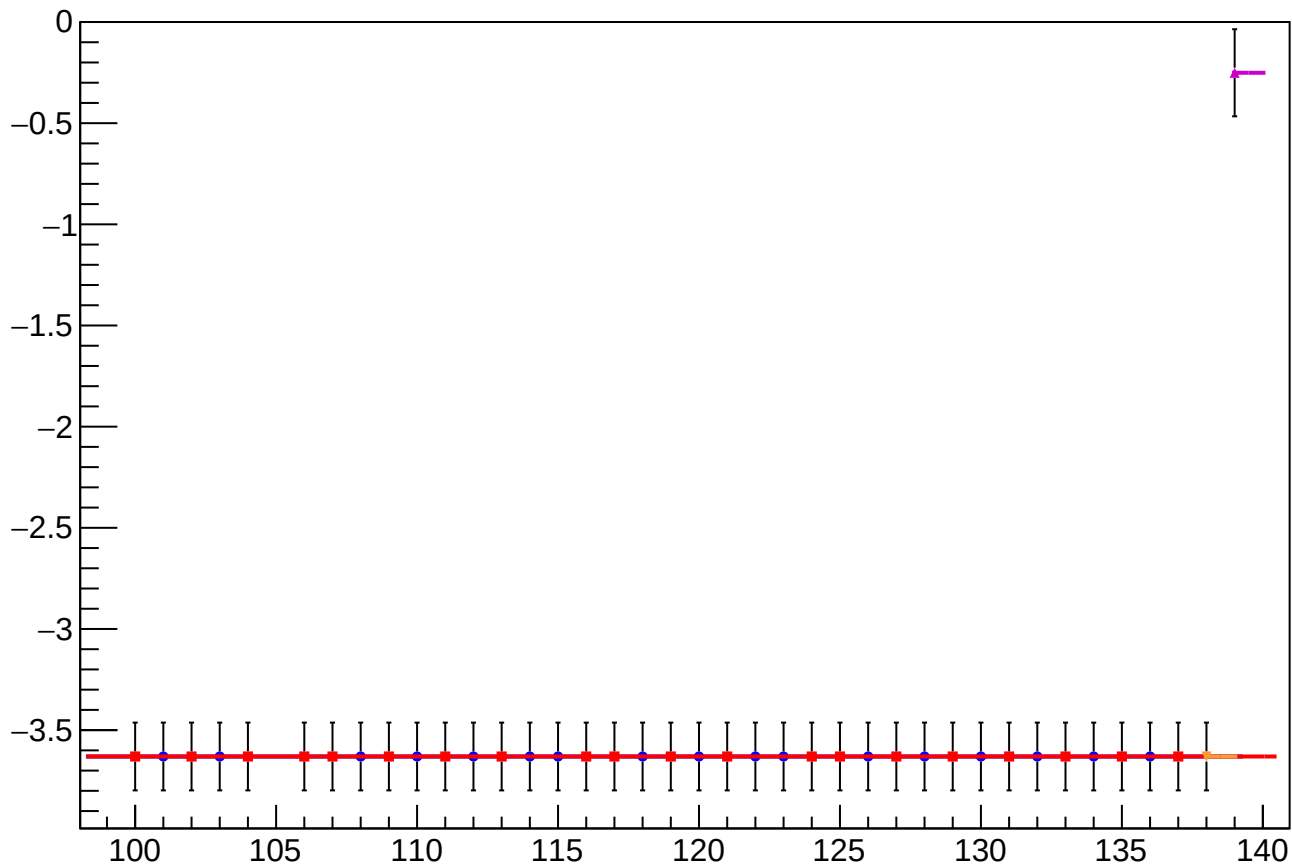
Right Out: -0.294 $\pm$ 0.004 χ^2 /NDF: 0.0/19

Left In: -0.268 $\pm$ 0.021 χ^2 /NDF: 0.0/0

-0.294 $\pm$ 0.004 χ^2 /NDF: 0.0/17

-0.293 $\pm$ 0.004 χ^2 /NDF: 1.5/20

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: -3.630+/-0.041 χ^2/NDF : 0.0/16

Left Out: -3.630+/-0.168 χ^2/NDF : 0.0/0

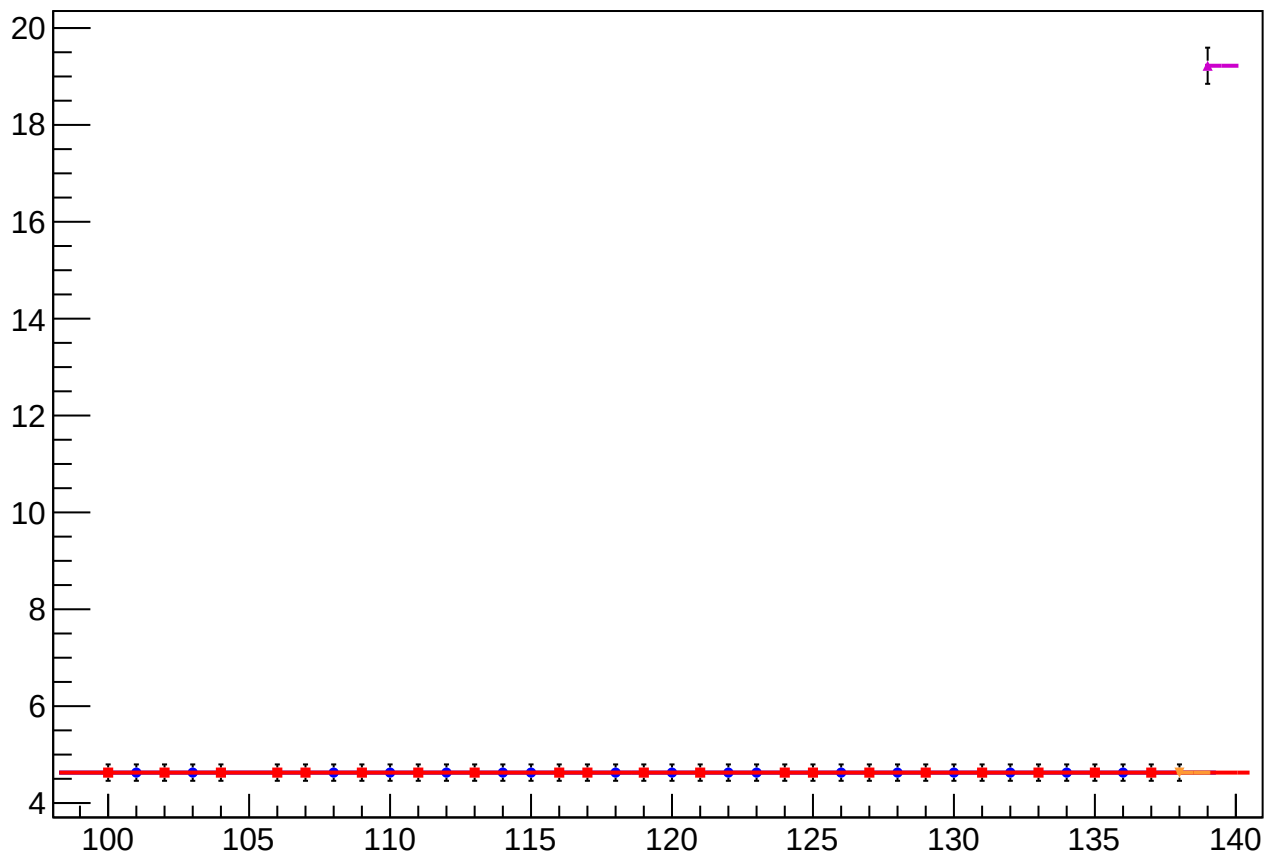
Right Out: -3.630+/-0.037 χ^2/NDF : 0.0/19

Left In: -0.251+/-0.215 χ^2/NDF : 0.0/0

-3.630+/-0.039 χ^2/NDF : 0.0/17

-3.531+/-0.037 χ^2/NDF : 239.2/20

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 4.628 $\pm$ 0.041 χ^2 /NDF: 0.0/16

Left Out: 4.628 $\pm$ 0.169 χ^2 /NDF: 0.0/0

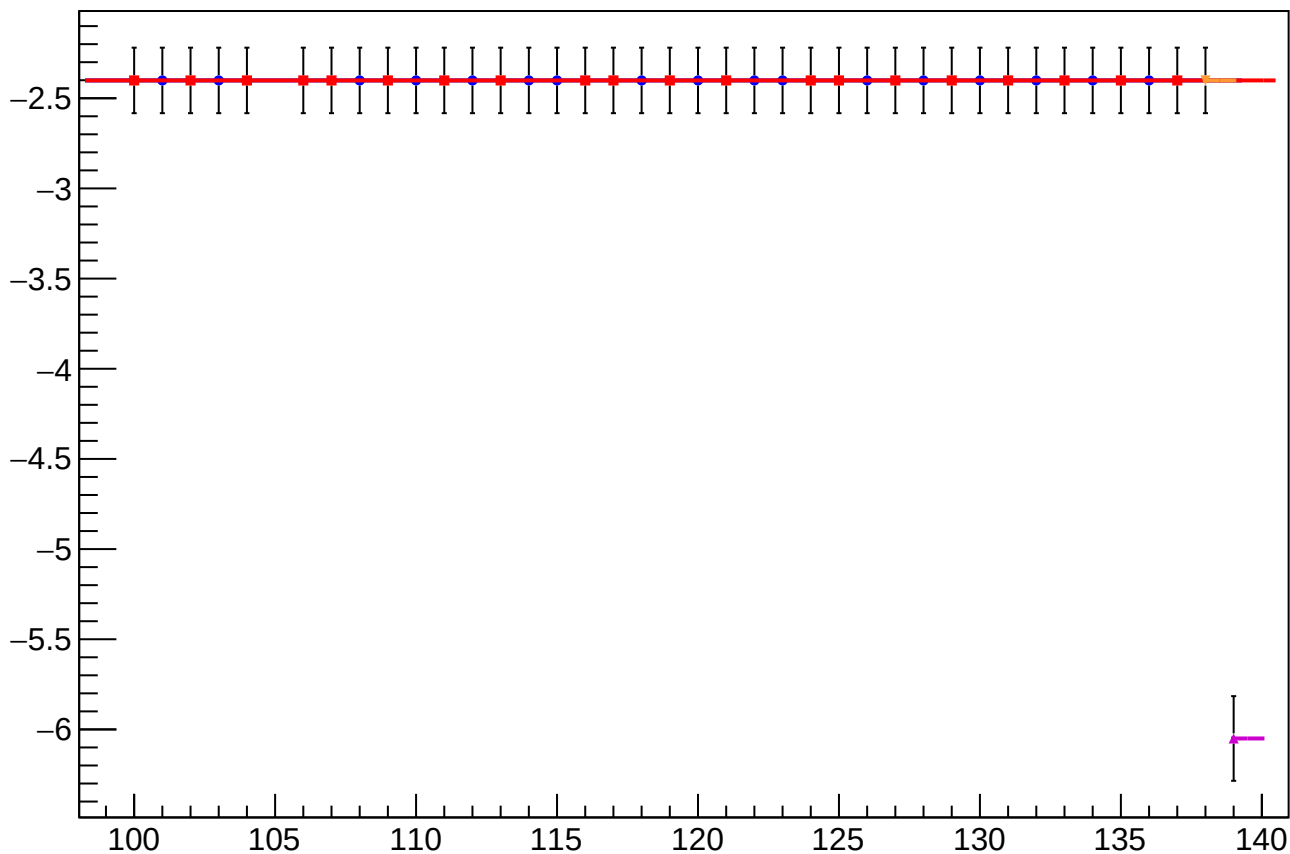
Right Out: 4.628 $\pm$ 0.038 χ^2 /NDF: 0.0/19

Left In: 19.221 $\pm$ 0.373 χ^2 /NDF: 0.0/0

4.628 $\pm$ 0.040 χ^2 /NDF: 0.0/17

4.776 $\pm$ 0.038 χ^2 /NDF: 1513.6/20

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

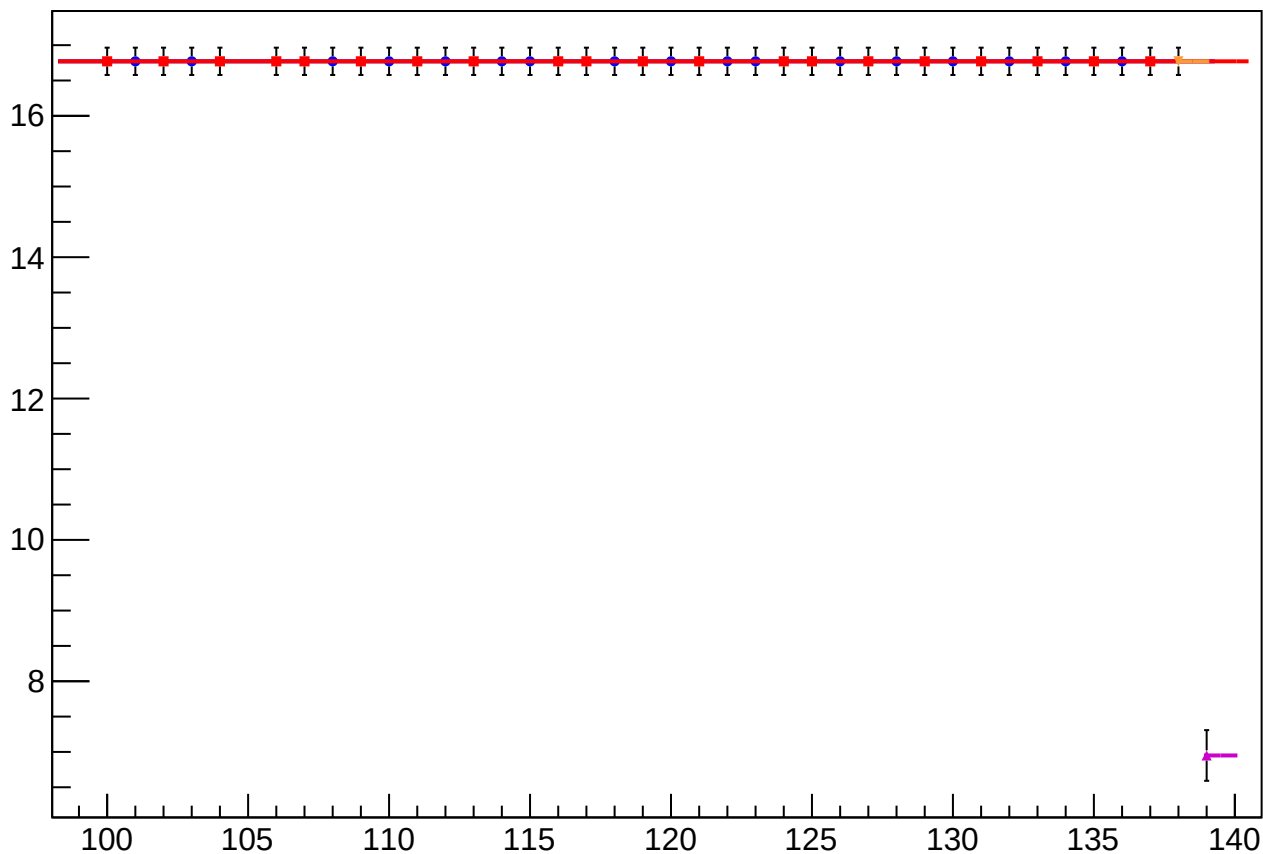
Right Out: -2.401 $\pm$ 0.041 χ^2 /NDF: 0.0/19

Left In: -6.050 $\pm$ 0.235 χ^2 /NDF: 0.0/0

-2.401 $\pm$ 0.043 χ^2 /NDF: 0.0/17

-2.507 $\pm$ 0.040 χ^2 /NDF: 234.7/20

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

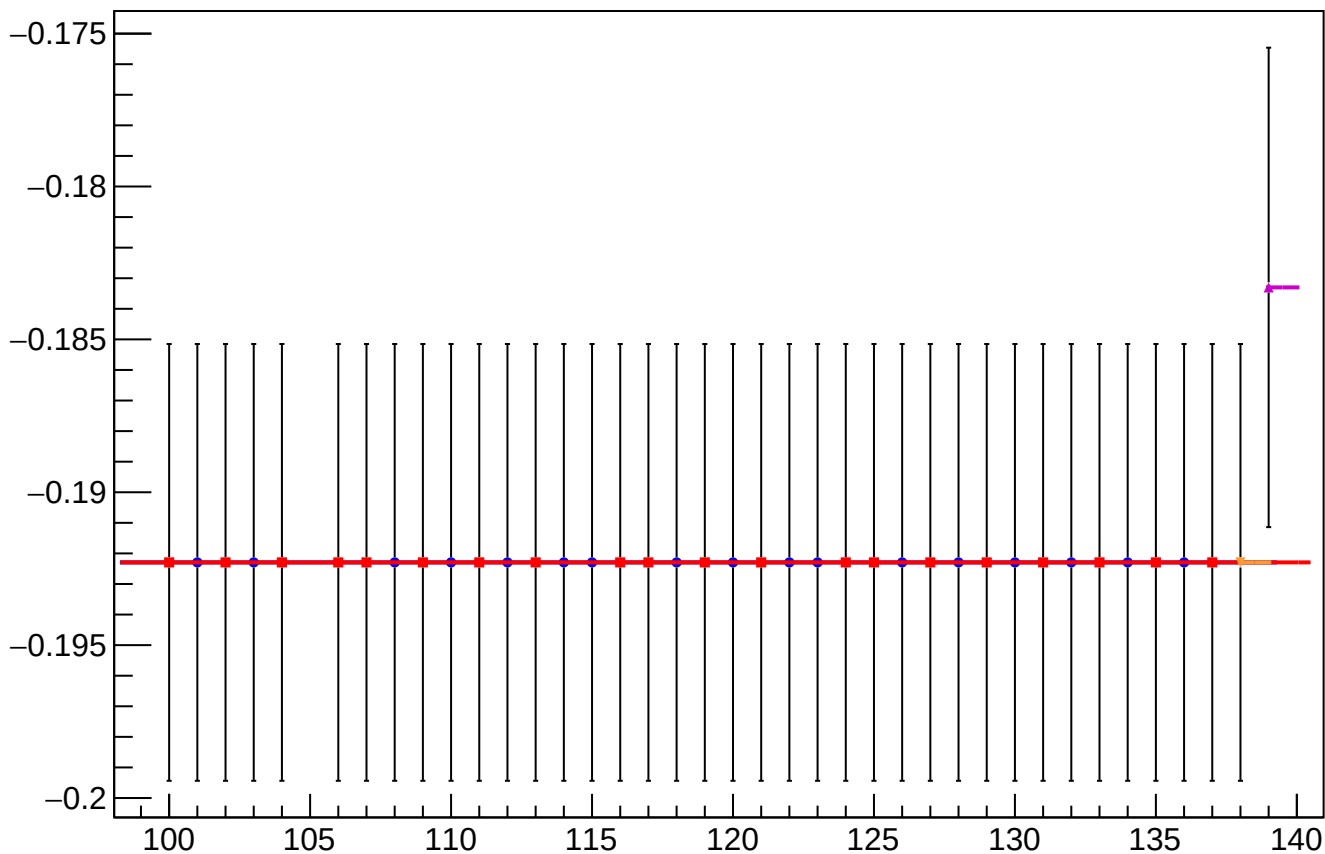
Right Out: 16.771 $\pm$ 0.043 χ^2 /NDF: 0.0/19

Left In: 6.950 $\pm$ 0.358 χ^2 /NDF: 0.0/0

16.771 $\pm$ 0.046 χ^2 /NDF: 0.0/17

16.631 $\pm$ 0.043 χ^2 /NDF: 740.0/20

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.192 $\pm$ 0.002 χ^2 /NDF: 0.0/16

Left Out: -0.192 $\pm$ 0.007 χ^2 /NDF: 0.0/0

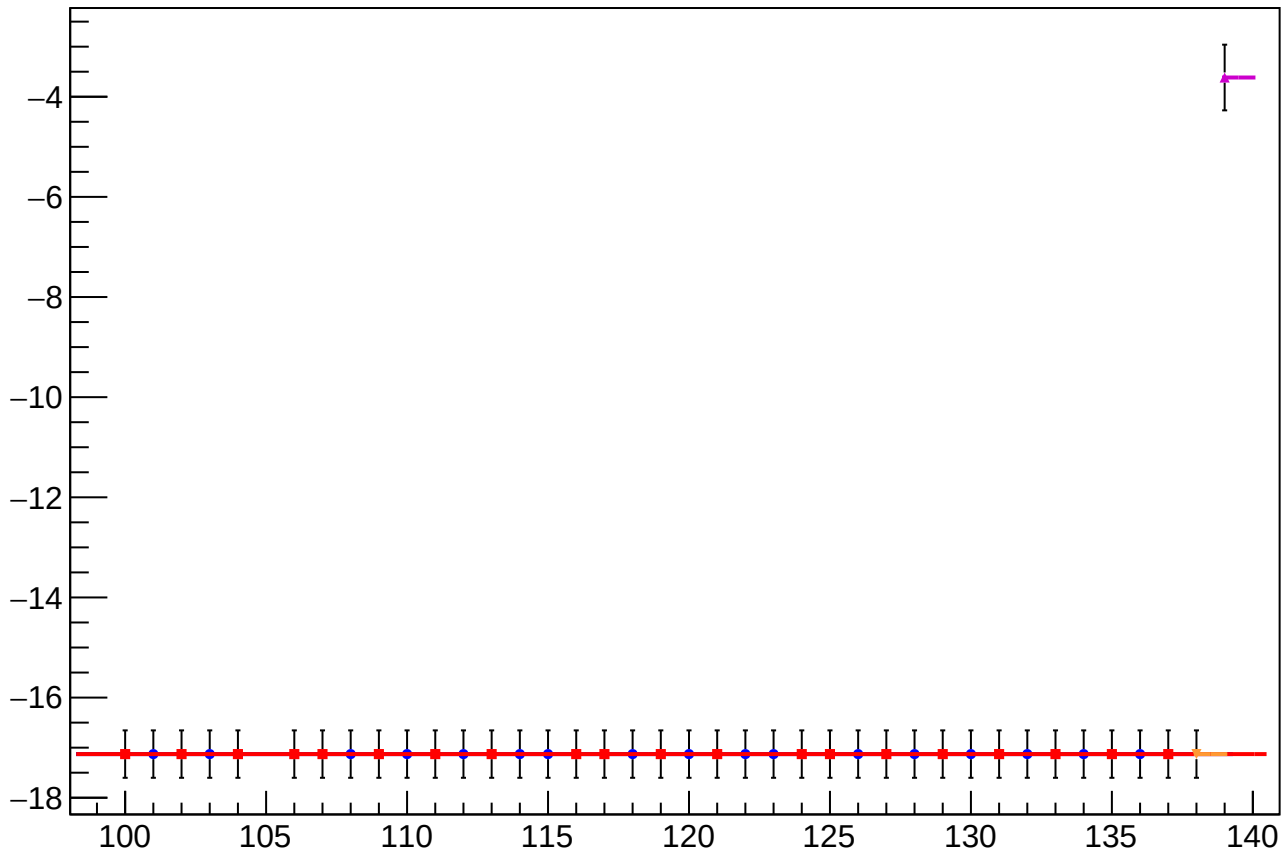
Right Out: -0.192 $\pm$ 0.002 χ^2 /NDF: 0.0/19

Left In: -0.183 $\pm$ 0.008 χ^2 /NDF: 0.0/0

-0.192 $\pm$ 0.002 χ^2 /NDF: 0.0/17

-0.192 $\pm$ 0.002 χ^2 /NDF: 1.3/20

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -17.128 ± 0.115 χ^2/NDF : 0.0/16

Left Out: -17.128 ± 0.473 χ^2/NDF : 0.0/0

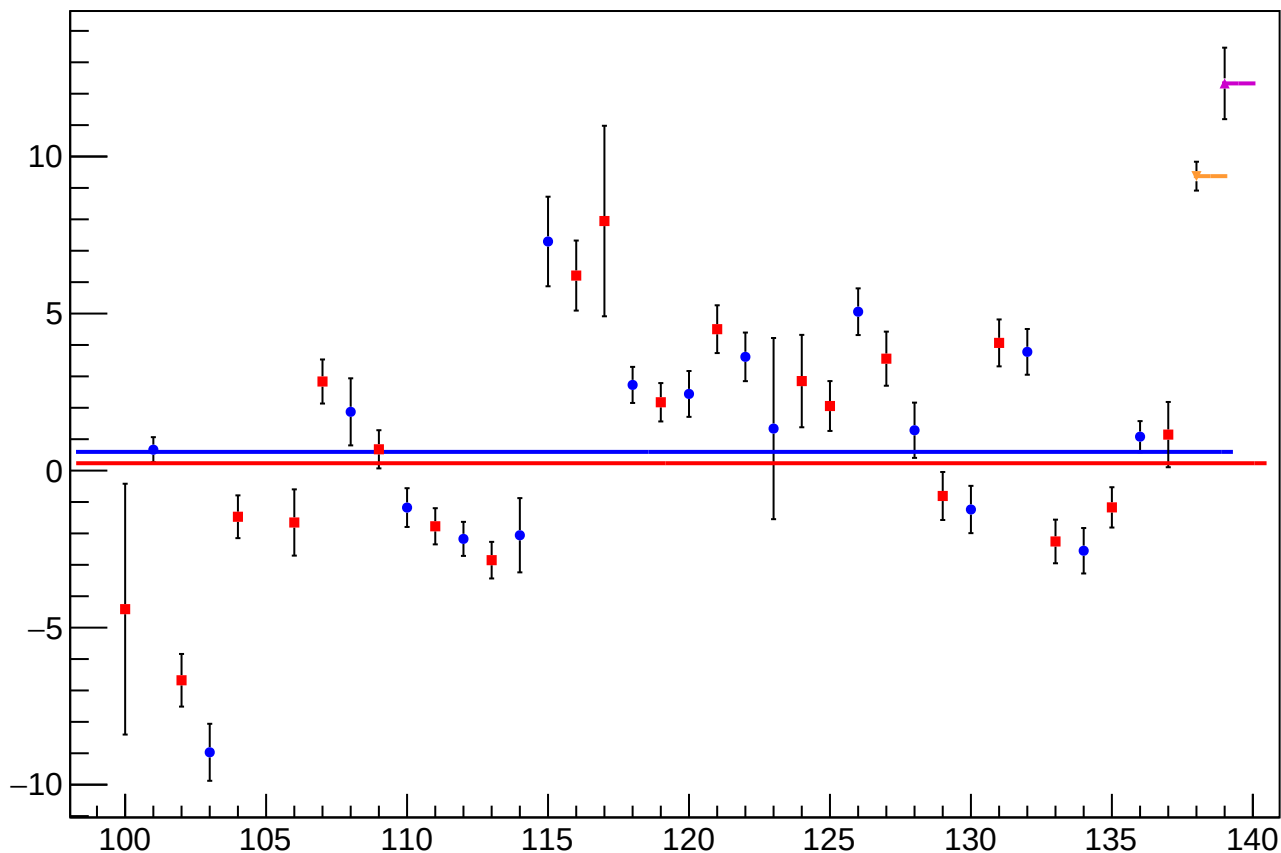
Right Out: -17.128 ± 0.106 χ^2/NDF : 0.0/19

Left In: -3.616 ± 0.656 χ^2/NDF : 0.0/0

-17.128 ± 0.112 χ^2/NDF : 0.0/17

-16.785 ± 0.105 χ^2/NDF : 413.6/20

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 $\pm$ 0.169 χ^2 /NDF: 291.2/16

1.642 $\pm$ 0.159 χ^2 /NDF: 612.7/17

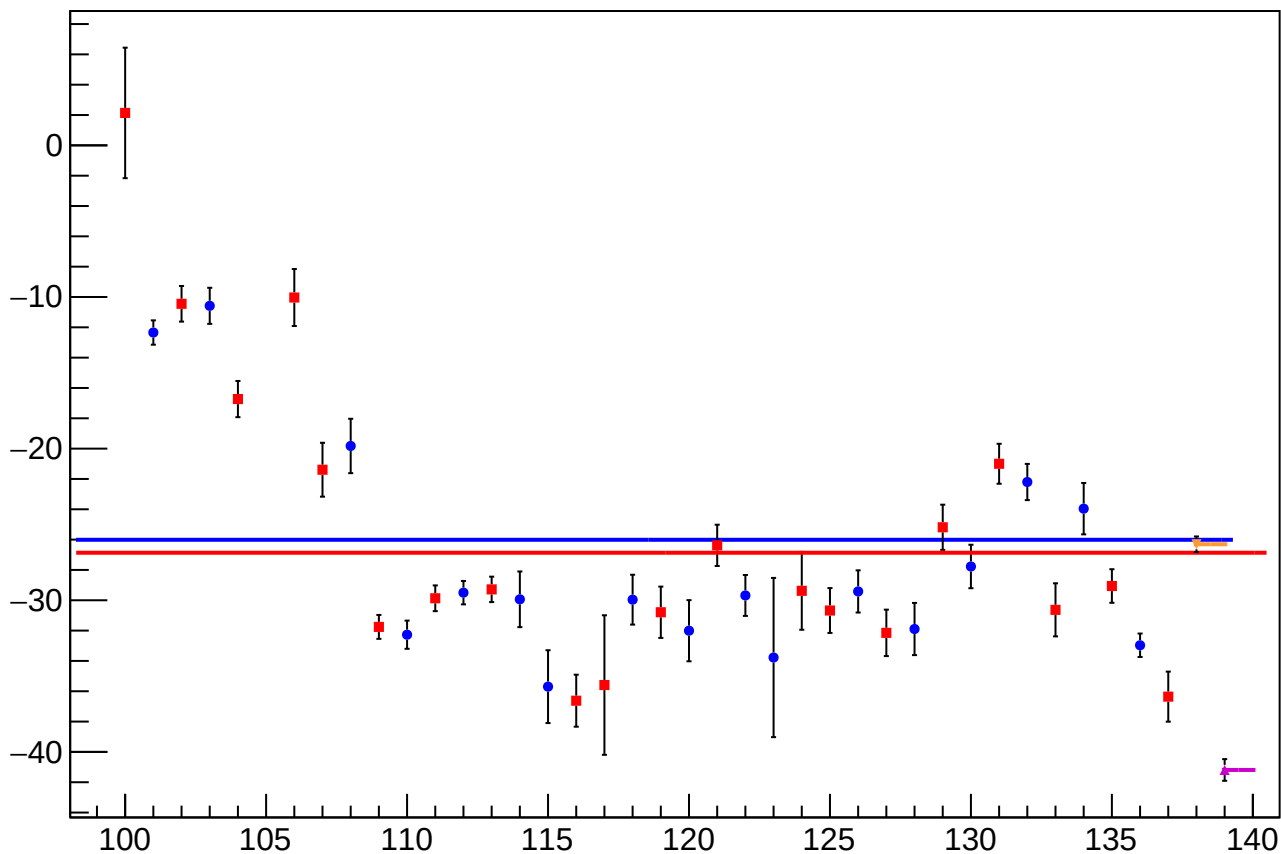
Left Out: 9.375 $\pm$ 0.459 χ^2 /NDF: 0.0/0

Right Out: 0.235 $\pm$ 0.174 χ^2 /NDF: 280.0/19

0.512 $\pm$ 0.172 χ^2 /NDF: 390.3/20

Left In: 12.328 $\pm$ 1.138 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -26.306 ± 0.513 χ^2/NDF : 0.0/0

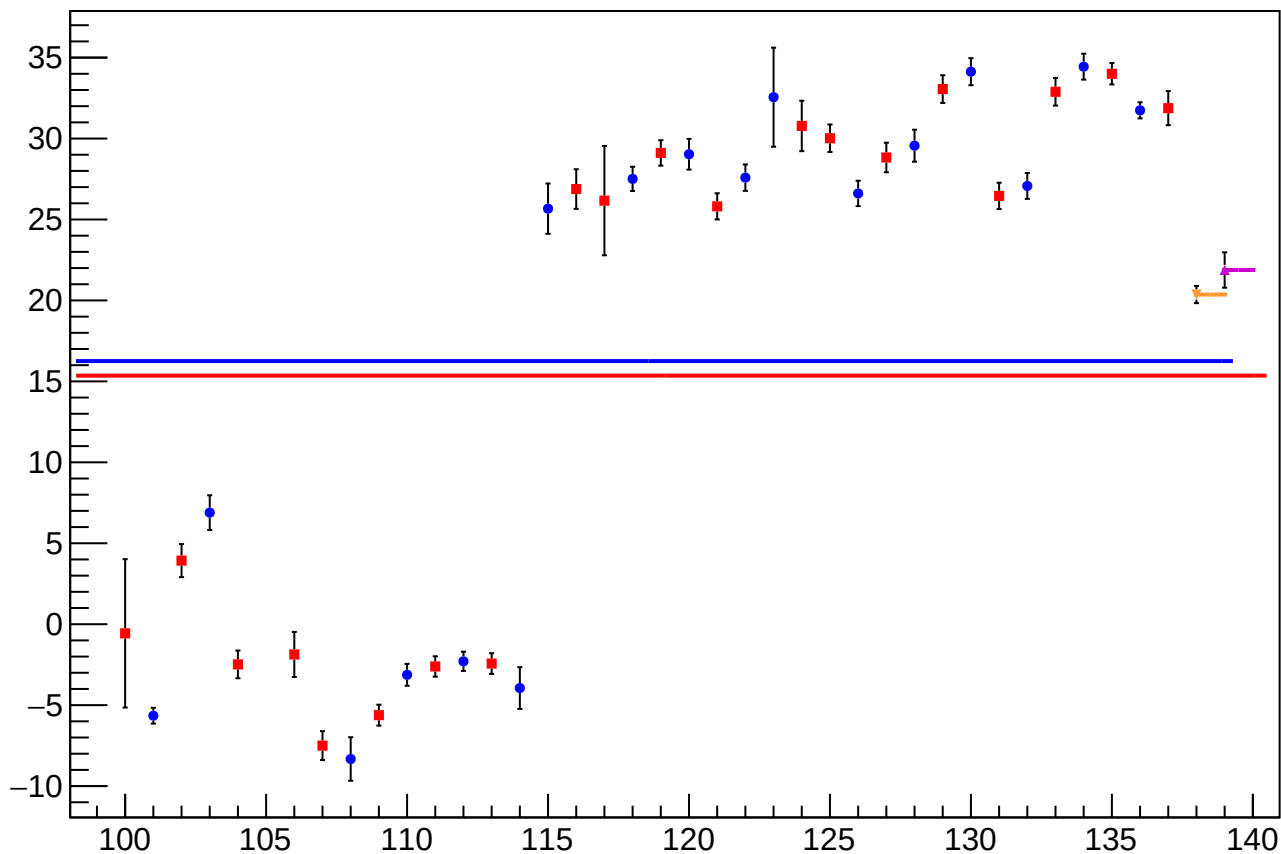
Right Out: -26.866 ± 0.297 χ^2/NDF : 585.2/19

Left In: -41.190 ± 0.715 χ^2/NDF : 0.0/0

-26.086 ± 0.259 χ^2/NDF : 693.1/17

-28.971 ± 0.274 χ^2/NDF : 927.5/20

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 20.364 $\pm$ 0.530 χ^2 /NDF:0.0/0

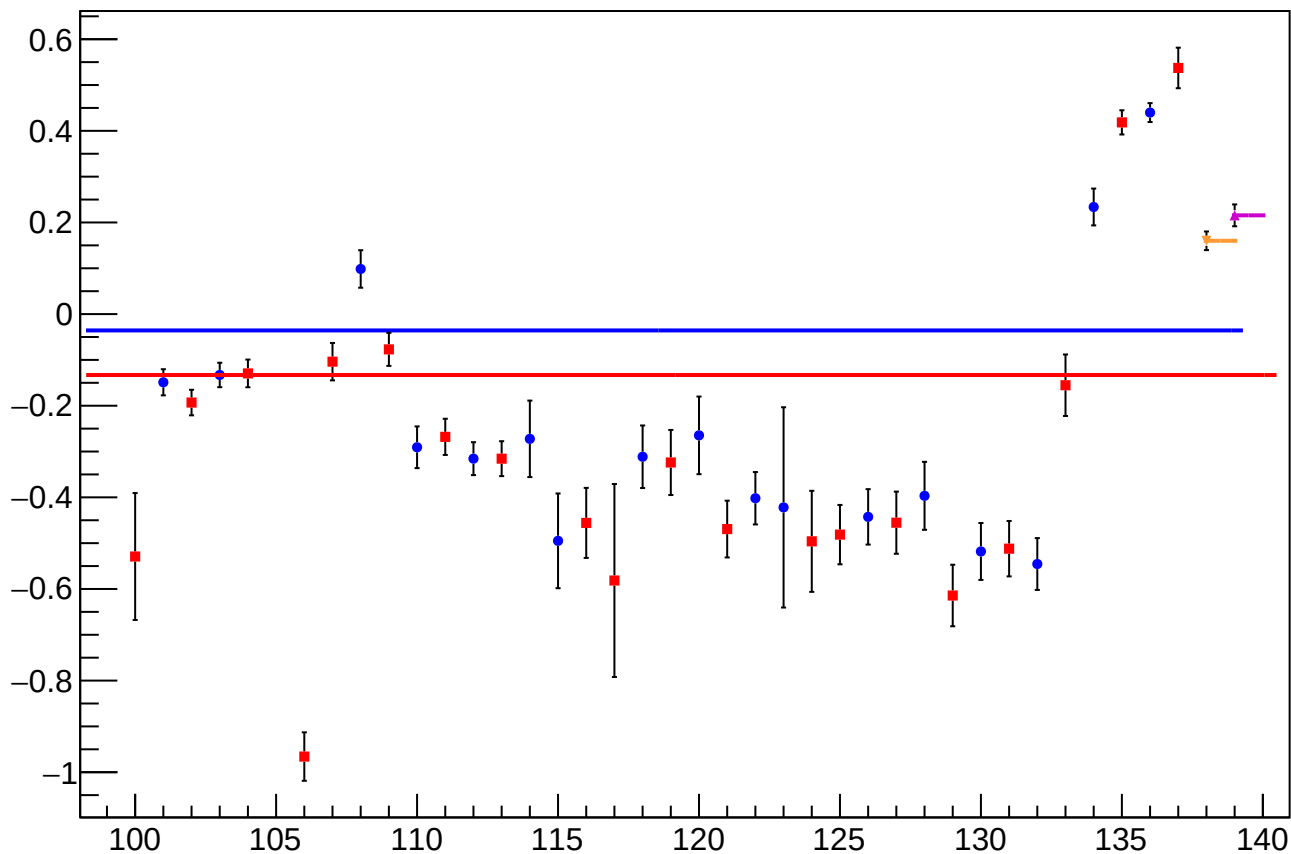
Right Out: 15.355 $\pm$ 0.197 χ^2 /NDF: 7290.4/19

Left In: 21.880 $\pm$ 1.093 χ^2 /NDF:0.0/0

16.725 $\pm$ 0.180 χ^2 /NDF: 7664.5/17

15.559 $\pm$ 0.194 χ^2 /NDF: 7324.9/20

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 $\chi^2/\text{NDF}: 1014.5/16$

Left Out: 0.160 ± 0.020 $\chi^2/\text{NDF}: 0.0/0$

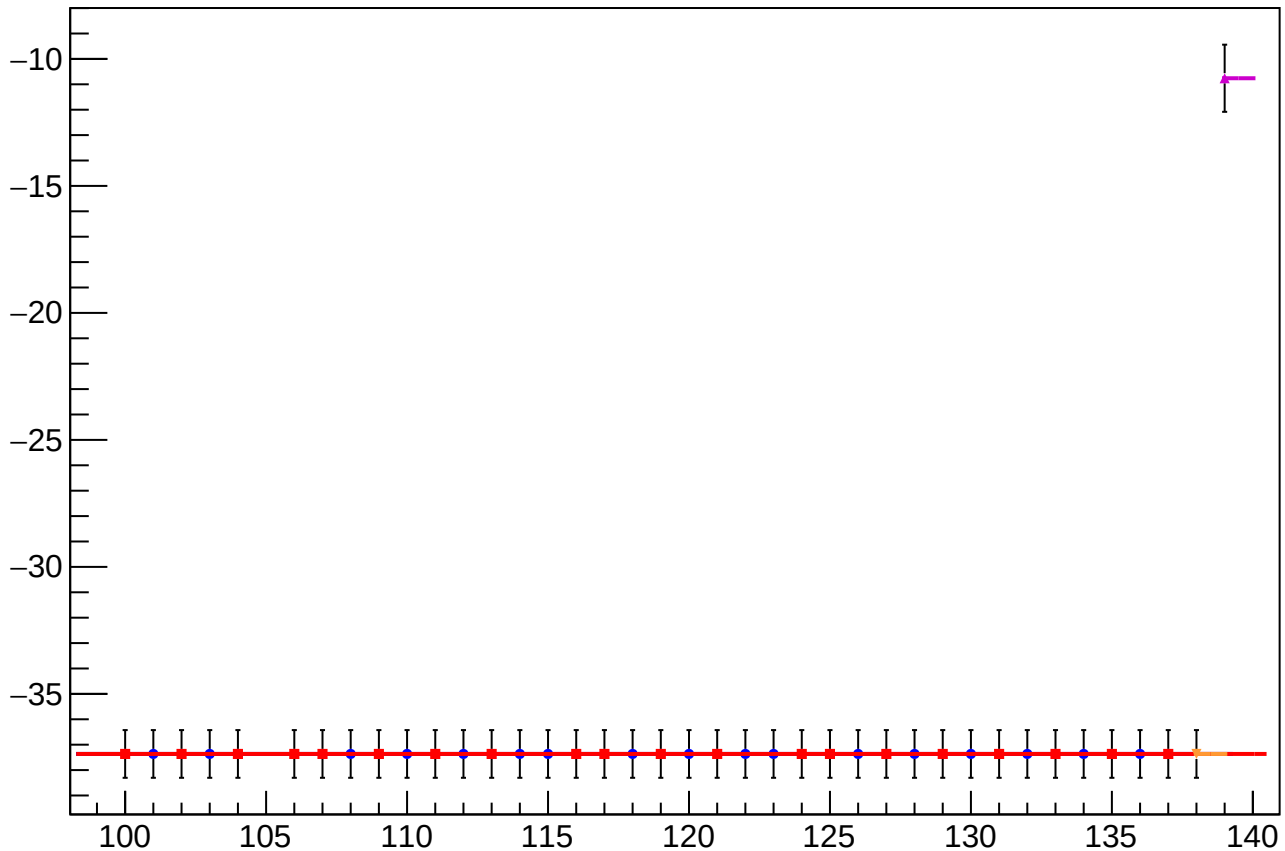
Right Out: -0.133 ± 0.010 $\chi^2/\text{NDF}: 1175.8/19$

Left In: 0.216 ± 0.024 $\chi^2/\text{NDF}: 0.0/0$

0.004 ± 0.009 $\chi^2/\text{NDF}: 1088.1/17$

-0.078 ± 0.009 $\chi^2/\text{NDF}: 1355.3/20$

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

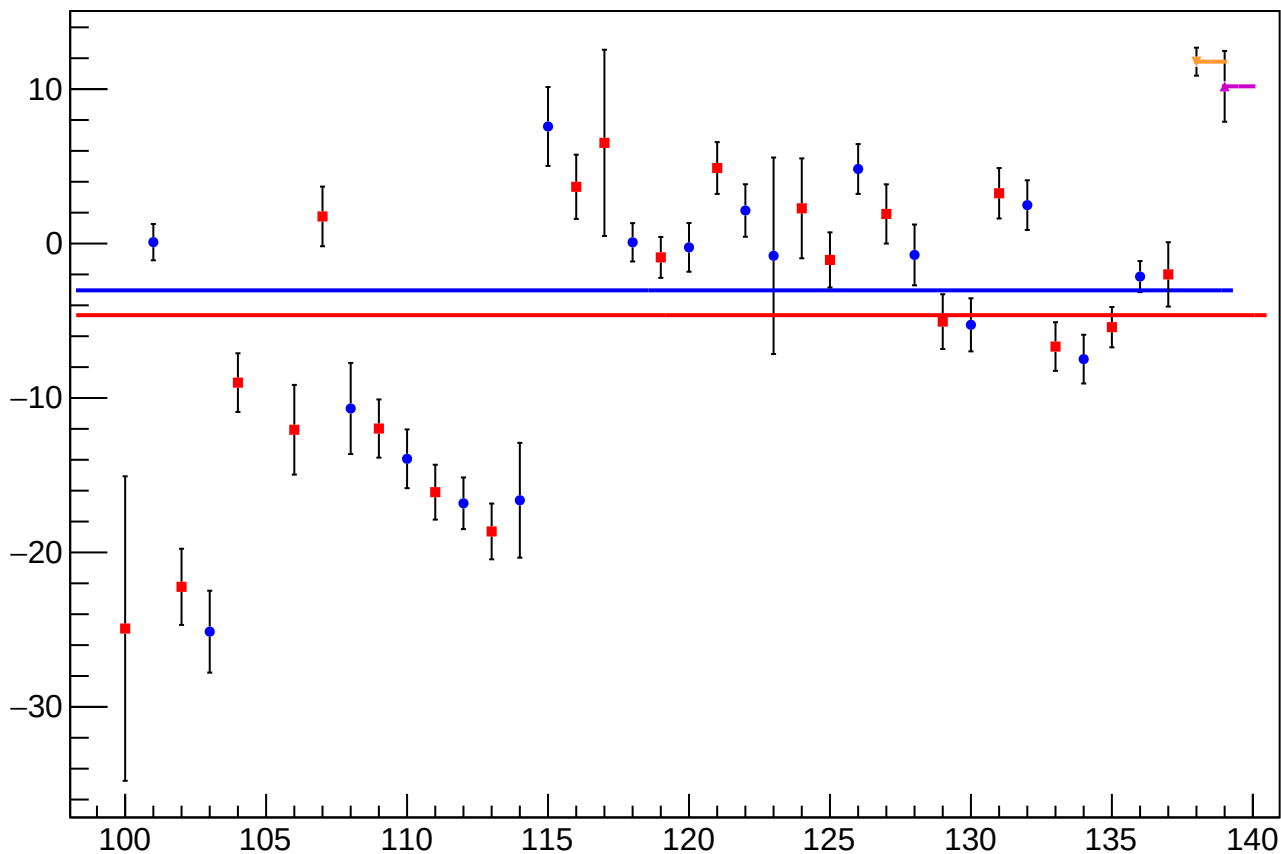
Right Out: -37.364 $\pm$ 0.210 χ^2 /NDF: 0.0/19

Left In: -10.761 $\pm$ 1.322 χ^2 /NDF: 0.0/0

-37.364 $\pm$ 0.221 χ^2 /NDF: 0.0/17

-36.710 $\pm$ 0.207 χ^2 /NDF: 395.0/20

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: 11.776 ± 0.907 χ^2/NDF : 0.0/0

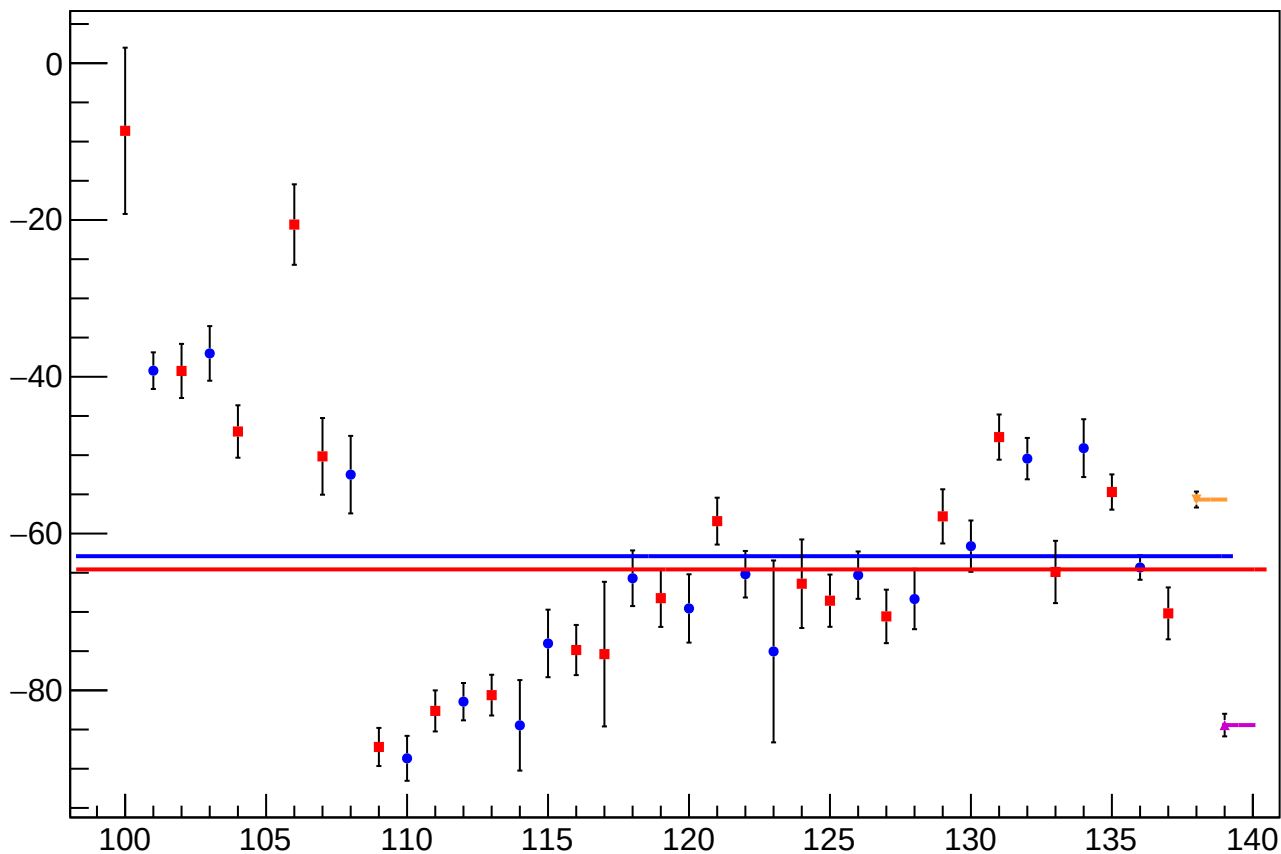
Right Out: -4.638 ± 0.426 χ^2/NDF : 301.7/19

Left In: 10.180 ± 2.293 χ^2/NDF : 0.0/0

-0.542 ± 0.372 χ^2/NDF : 502.6/17

-4.145 ± 0.418 χ^2/NDF : 342.1/20

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -55.661 ± 1.018 χ^2/NDF : 0.0/0

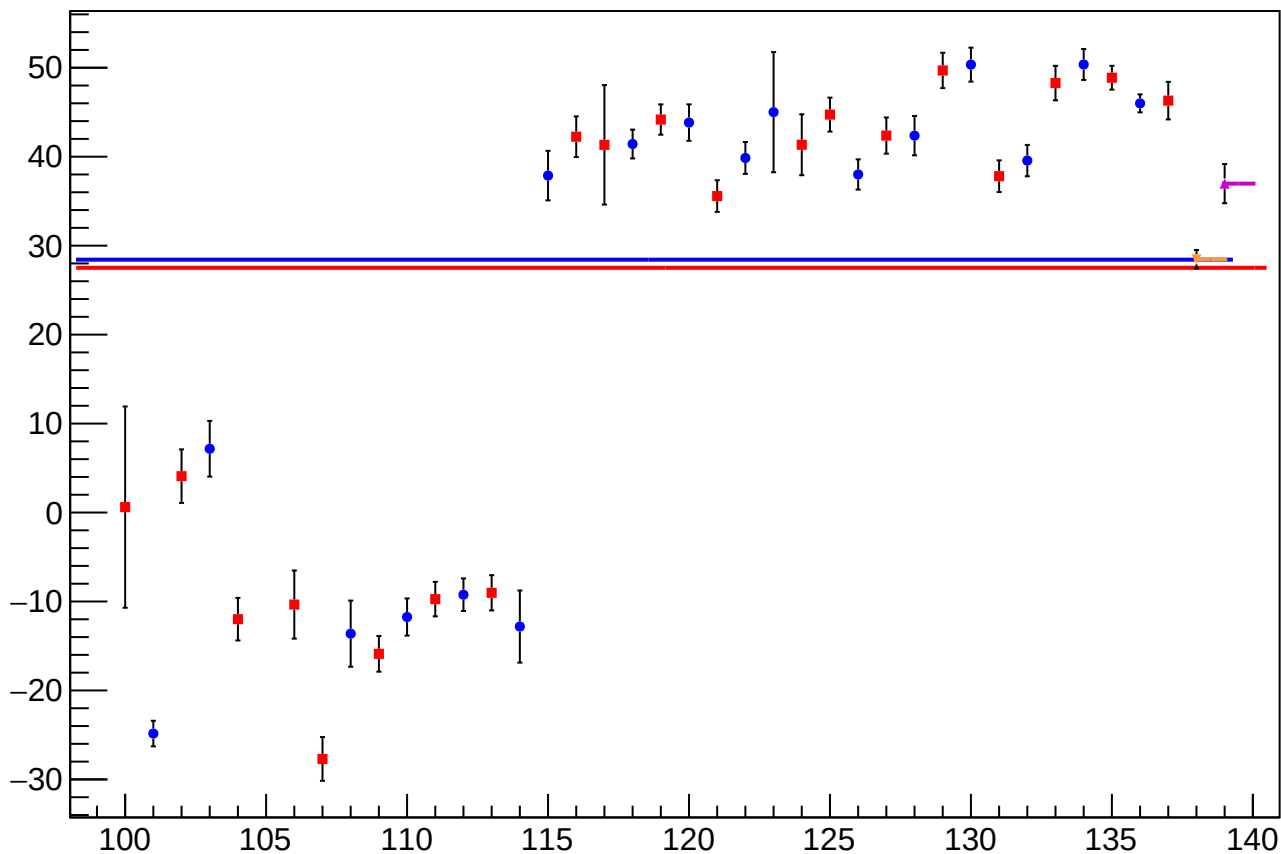
Right Out: -64.574 ± 0.749 χ^2/NDF : 445.5/19

Left In: -84.432 ± 1.441 χ^2/NDF : 0.0/0

-60.397 ± 0.597 χ^2/NDF : 401.8/17

-68.793 ± 0.664 χ^2/NDF : 594.9/20

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 28.463 $\pm$ 1.048 χ^2 /NDF:0.0/0

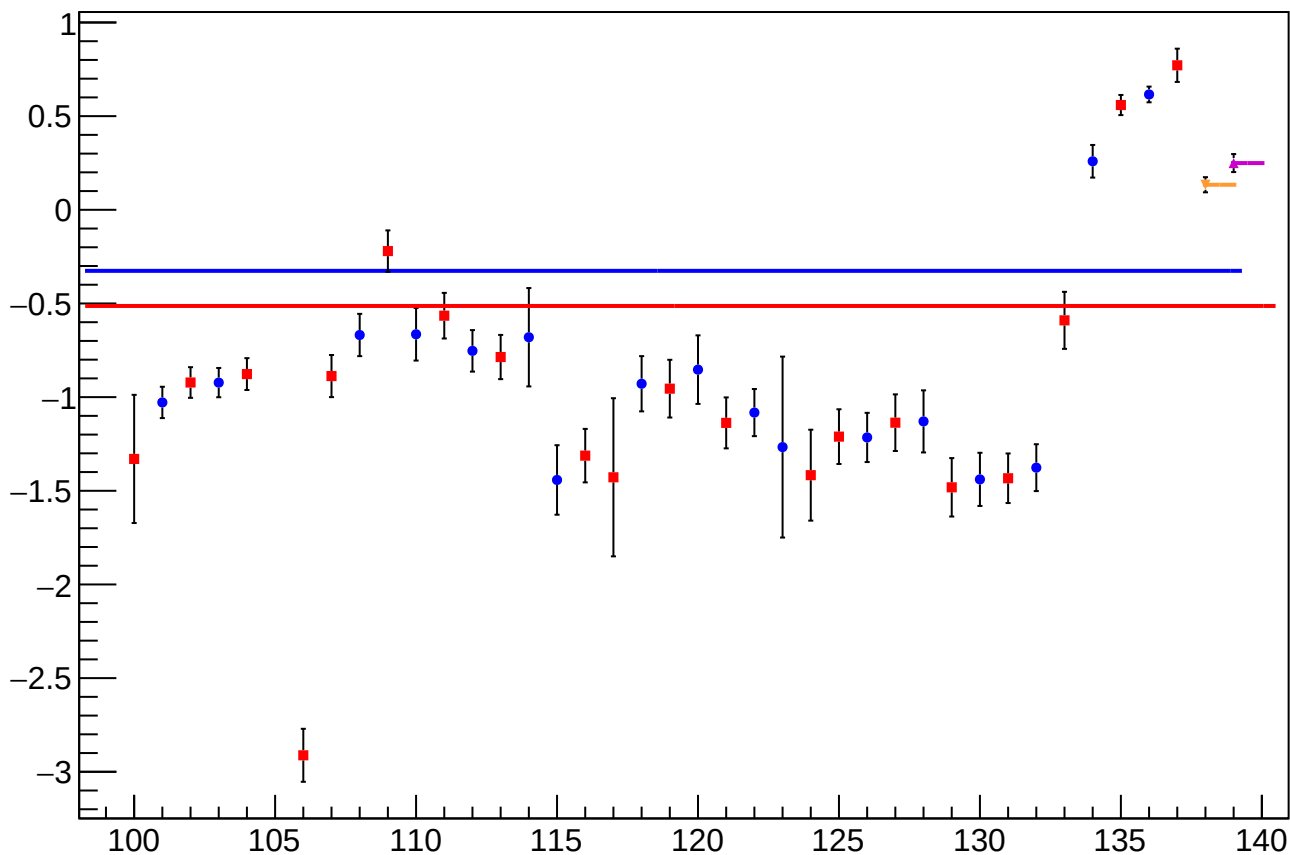
Right Out: 27.512 $\pm$ 0.477 χ^2 /NDF: 3037.3/19

Left In: 36.973 $\pm$ 2.203 χ^2 /NDF:0.0/0

28.431 $\pm$ 0.419 χ^2 /NDF: 3330.3/17

27.936 $\pm$ 0.467 χ^2 /NDF: 3054.9/20

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 $\pm$ 0.025 χ^2 /NDF: 1013.0/16

Left Out: 0.134 $\pm$ 0.040 χ^2 /NDF:0.0/0

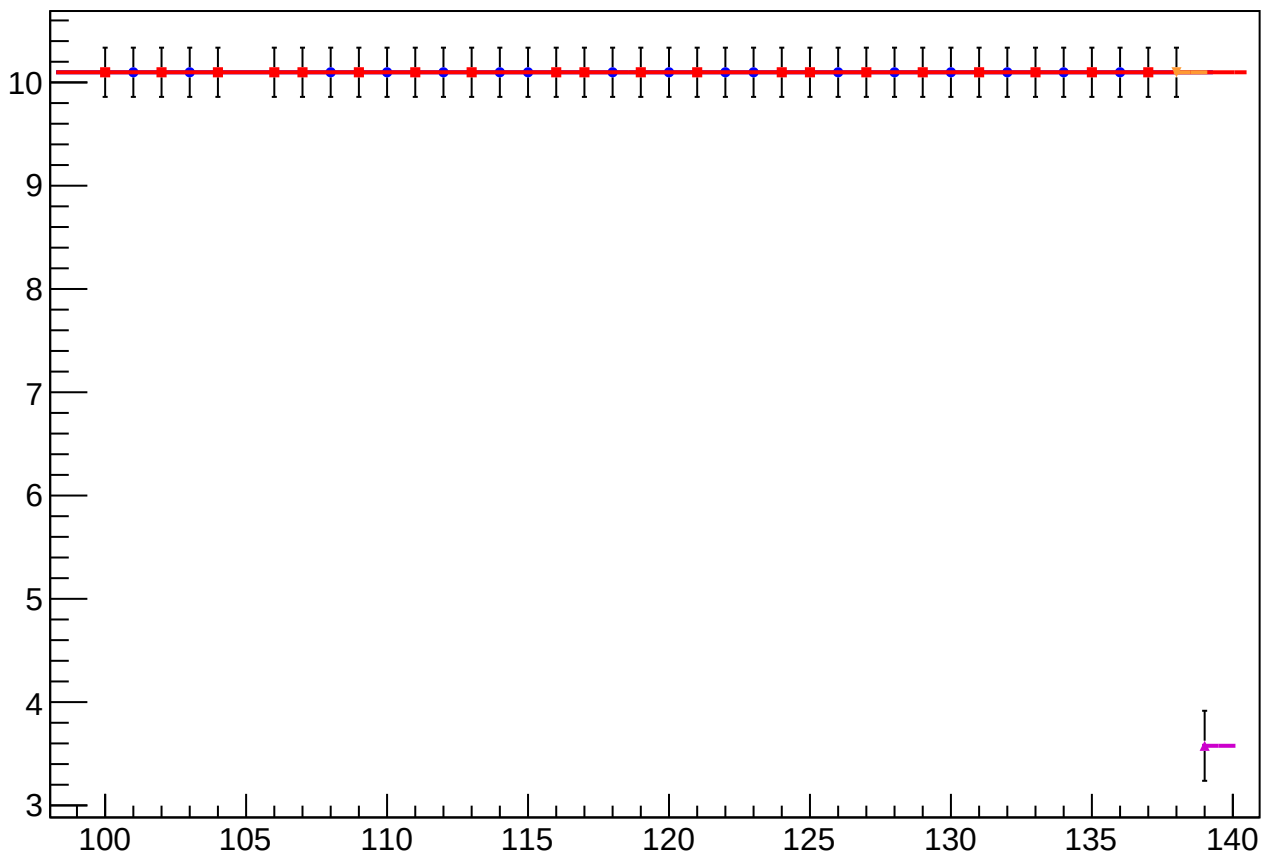
Right Out: -0.513 $\pm$ 0.026 χ^2 /NDF: 1174.1/19

Left In: 0.250 $\pm$ 0.048 χ^2 /NDF:0.0/0

-0.199 $\pm$ 0.021 χ^2 /NDF: 1106.7/17

-0.345 $\pm$ 0.023 χ^2 /NDF: 1369.7/20

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 10.098 $\pm$ 0.058 χ^2 /NDF: 0.0/16

Left Out: 10.098 $\pm$ 0.238 χ^2 /NDF: 0.0/0

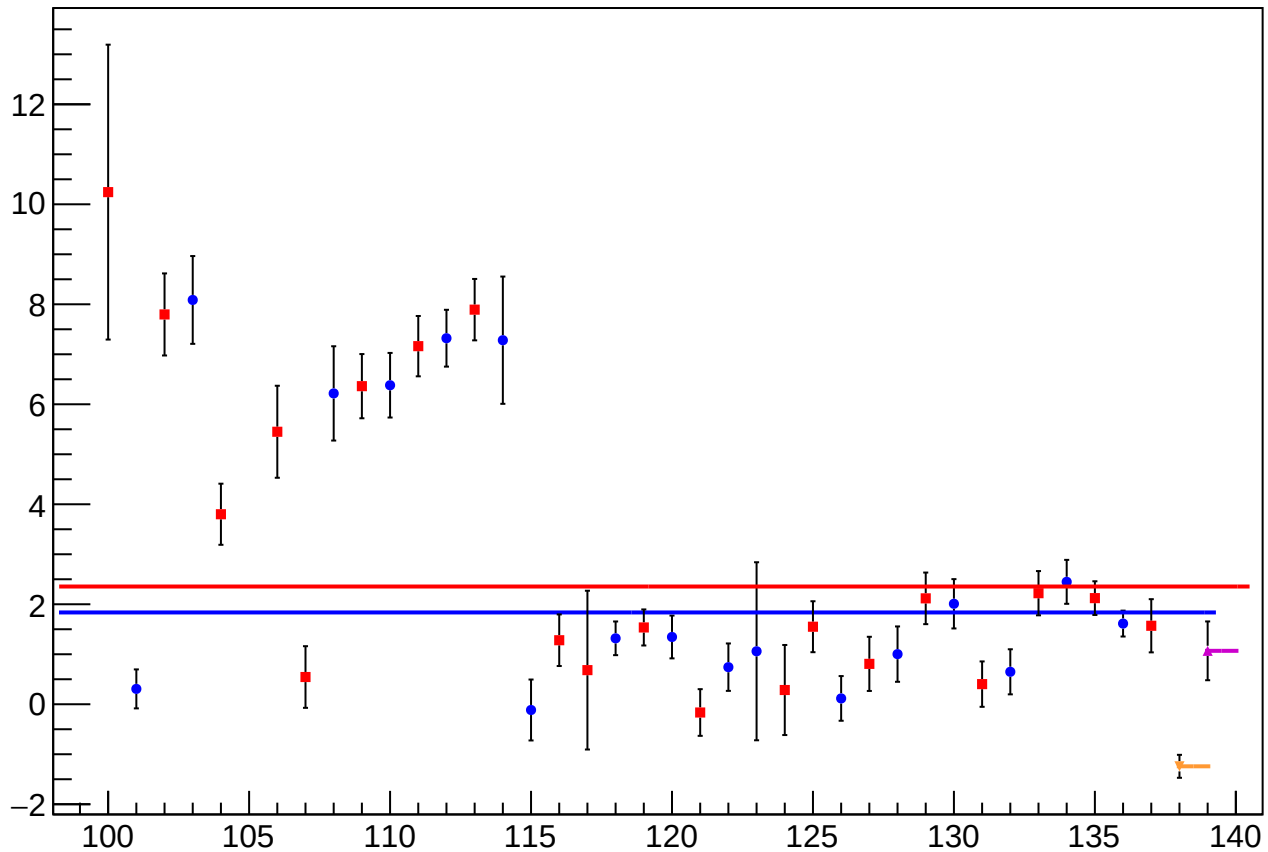
Right Out: 10.098 $\pm$ 0.053 χ^2 /NDF: 0.0/19

Left In: 3.577 $\pm$ 0.339 χ^2 /NDF: 0.0/0

10.098 $\pm$ 0.056 χ^2 /NDF: 0.0/17

9.941 $\pm$ 0.053 χ^2 /NDF: 361.2/20

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 0.116 $\chi^2/\text{NDF}: 294.9/16$

Left Out: -1.241 ± 0.230 $\chi^2/\text{NDF}: 0.0/0$

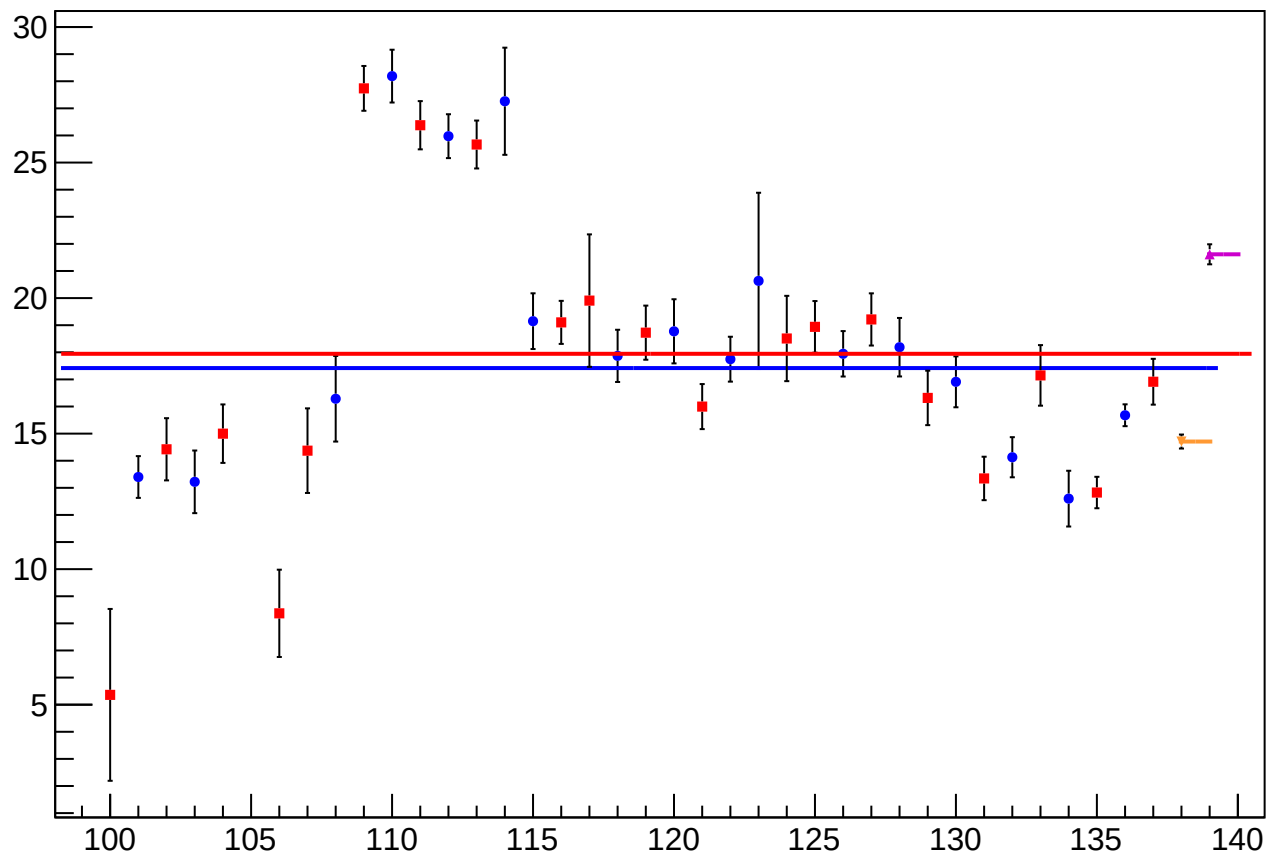
Right Out: 2.355 ± 0.122 $\chi^2/\text{NDF}: 337.5/19$

Left In: 1.068 ± 0.588 $\chi^2/\text{NDF}: 0.0/0$

1.210 ± 0.104 $\chi^2/\text{NDF}: 437.9/17$

2.302 ± 0.120 $\chi^2/\text{NDF}: 342.1/20$

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 $\pm$ 0.212 χ^2 /NDF: 366.8/16

Left Out: 14.708 $\pm$ 0.258 χ^2 /NDF: 0.0/0

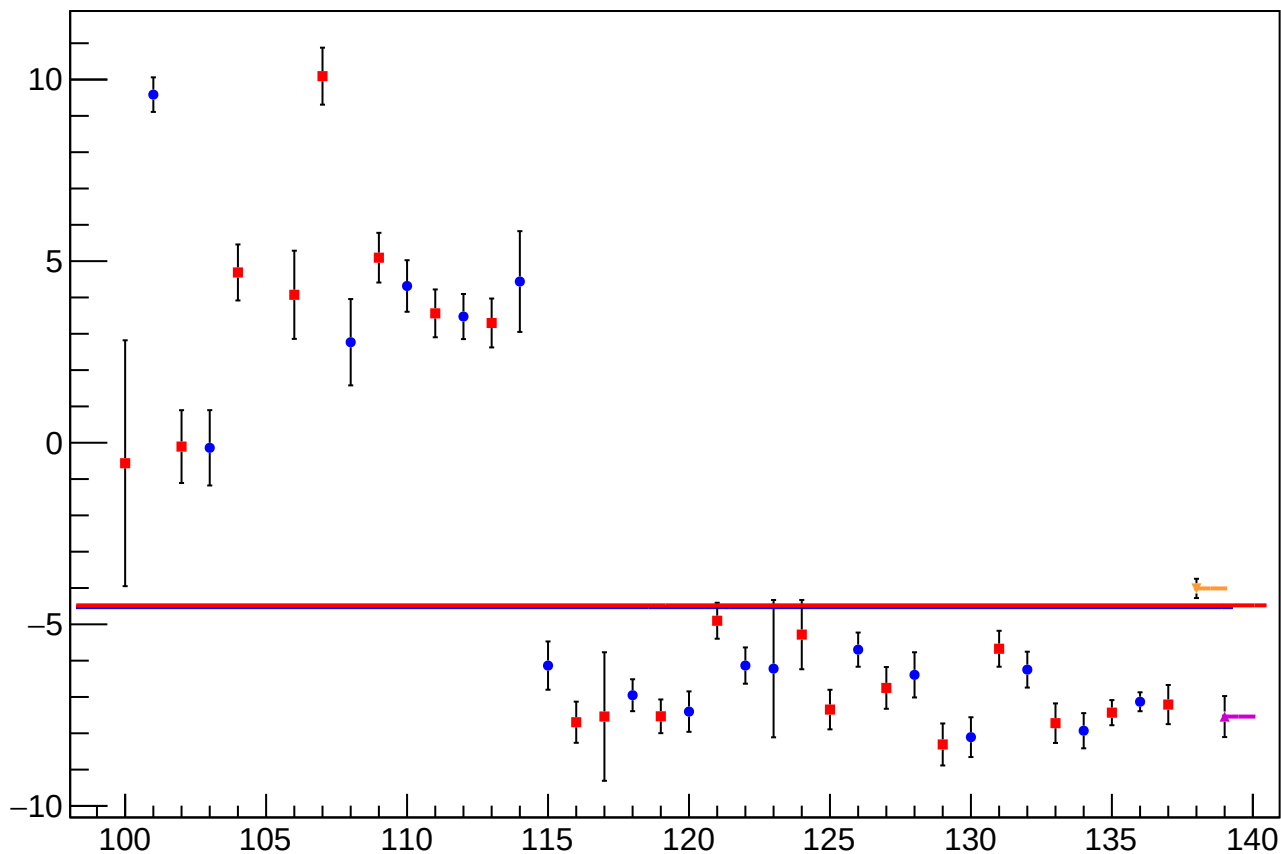
Right Out: 17.945 $\pm$ 0.218 χ^2 /NDF: 507.0/19

Left In: 21.615 $\pm$ 0.370 χ^2 /NDF: 0.0/0

16.329 $\pm$ 0.164 χ^2 /NDF: 432.7/17

18.893 $\pm$ 0.188 χ^2 /NDF: 580.2/20

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -4.011 ± 0.266 χ^2/NDF : 0.0/0

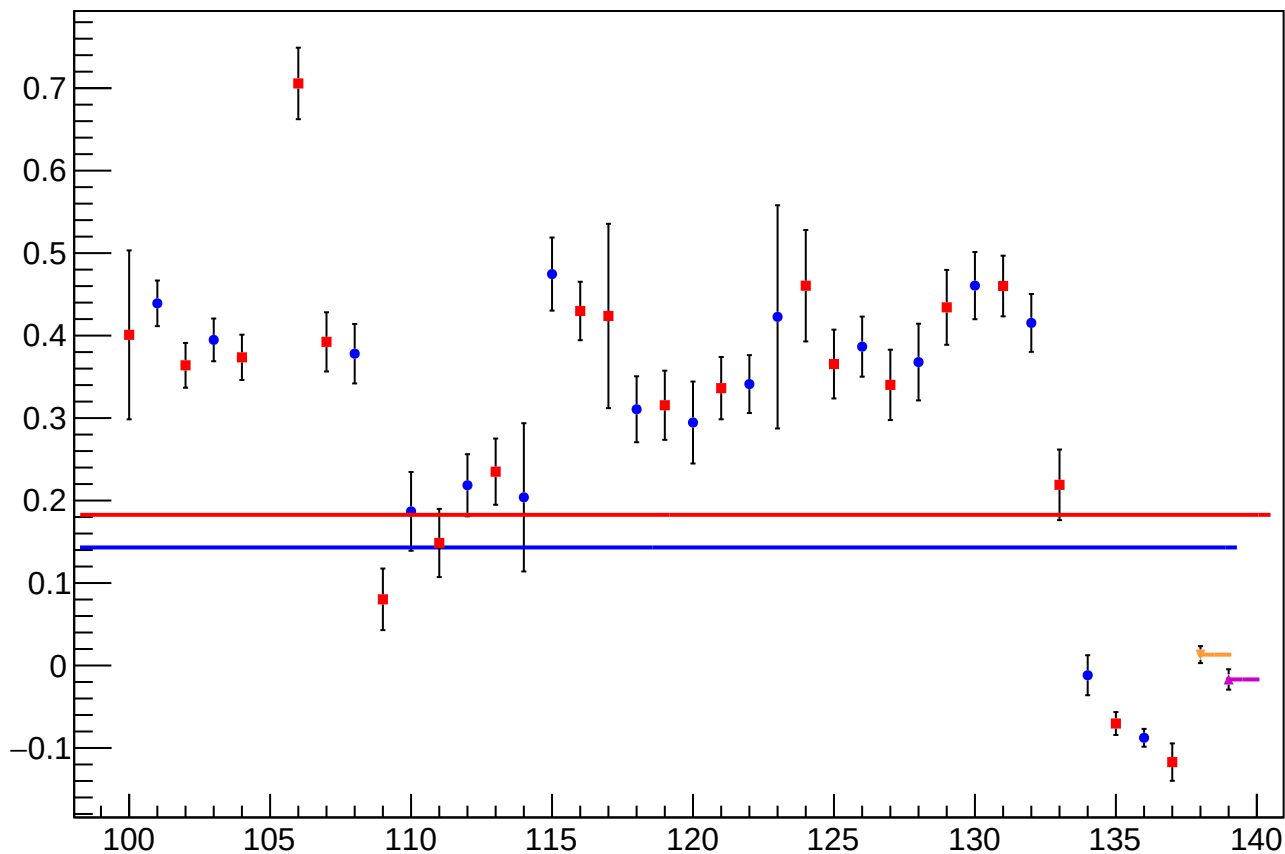
Right Out: -4.478 ± 0.137 χ^2/NDF : 1341.9/19

Left In: -7.540 ± 0.565 χ^2/NDF : 0.0/0

-4.427 ± 0.116 χ^2/NDF : 1593.2/17

-4.647 ± 0.133 χ^2/NDF : 1369.7/20

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1060.4/16

Left Out: 0.013 $\pm$ 0.010 χ^2 /NDF: 0.0/0

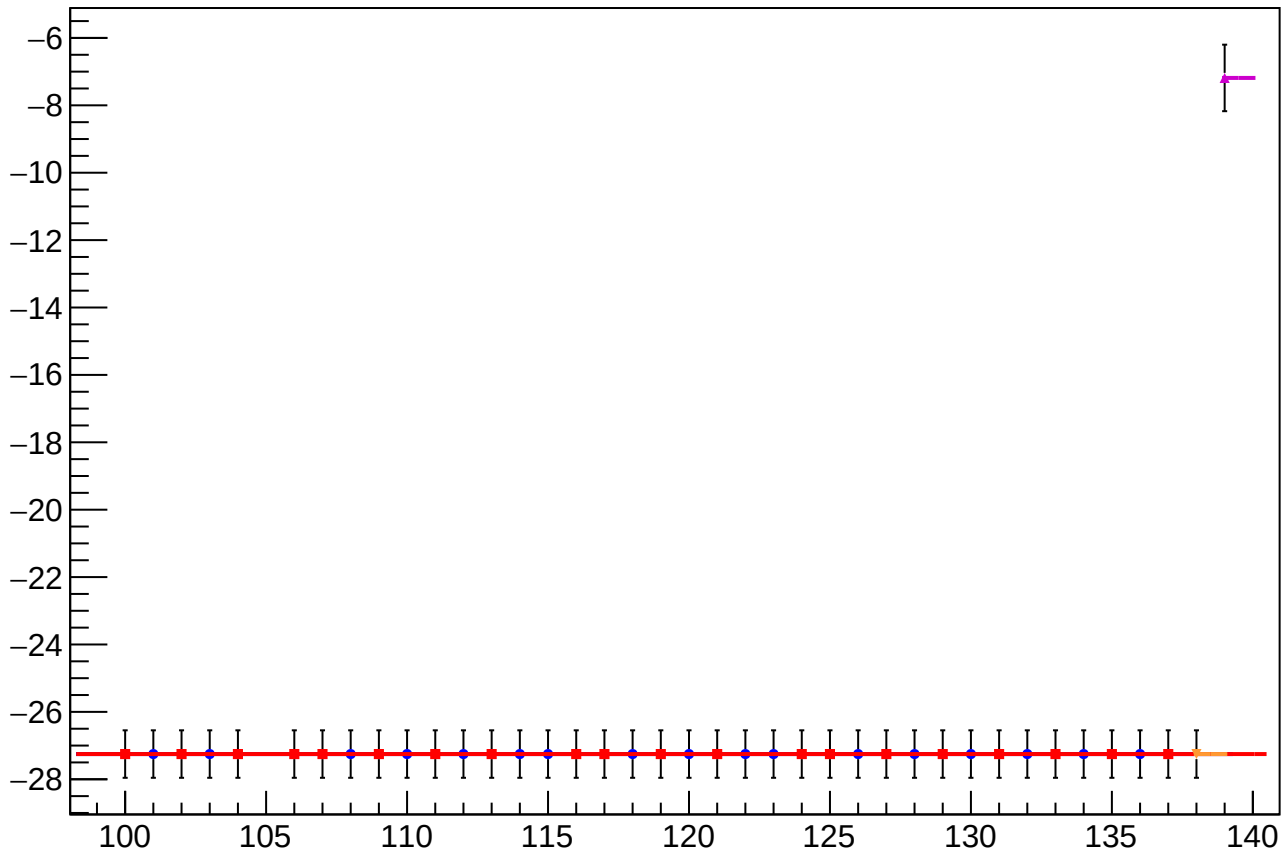
Right Out: 0.183 $\pm$ 0.007 χ^2 /NDF: 1012.5/19

Left In: -0.017 $\pm$ 0.012 χ^2 /NDF: 0.0/0

0.101 $\pm$ 0.006 χ^2 /NDF: 1169.2/17

0.130 $\pm$ 0.006 χ^2 /NDF: 1205.3/20

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -27.252 ± 0.171 χ^2/NDF : 0.0/16

Left Out: -27.252 ± 0.705 χ^2/NDF : 0.0/0

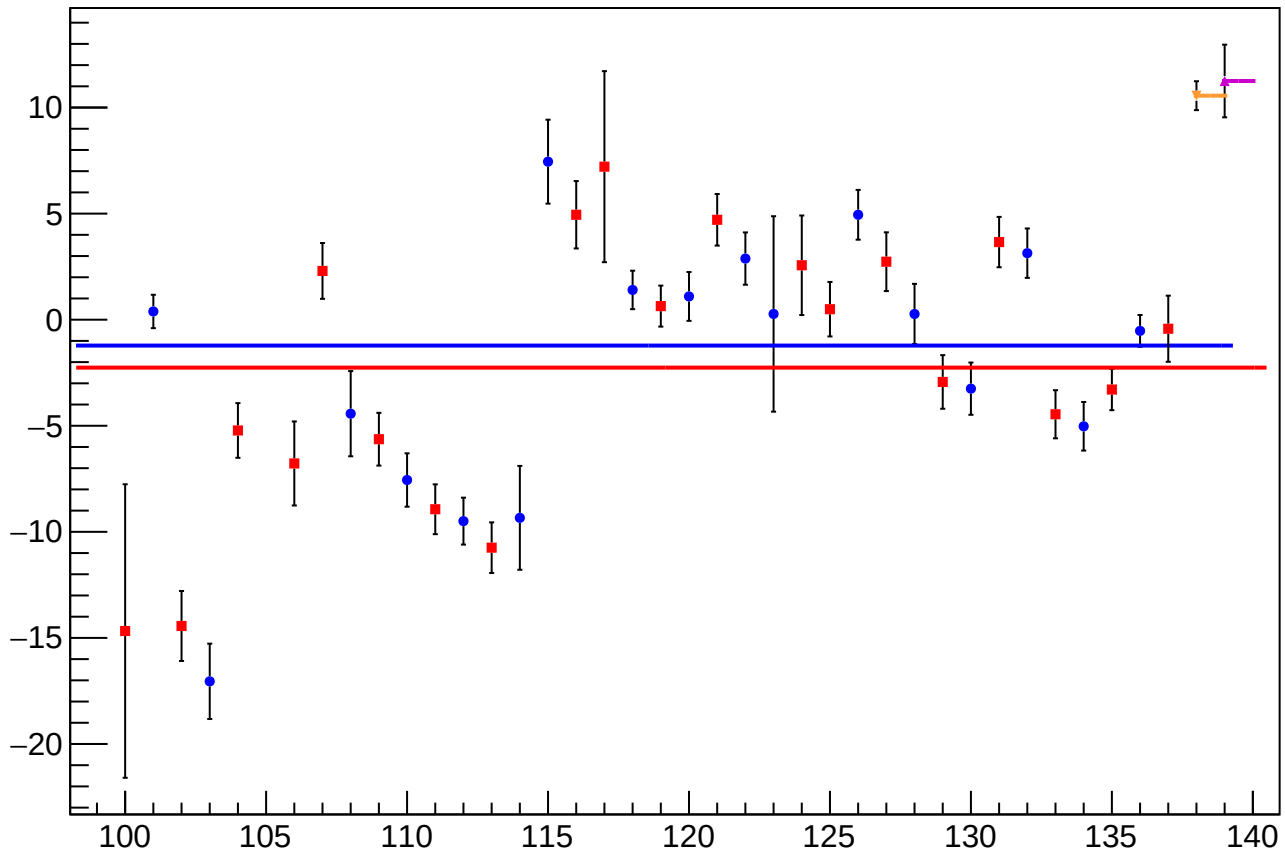
Right Out: -27.252 ± 0.158 χ^2/NDF : 0.0/19

Left In: -7.187 ± 0.987 χ^2/NDF : 0.0/0

-27.252 ± 0.166 χ^2/NDF : 0.0/17

-26.753 ± 0.156 χ^2/NDF : 403.0/20

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



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

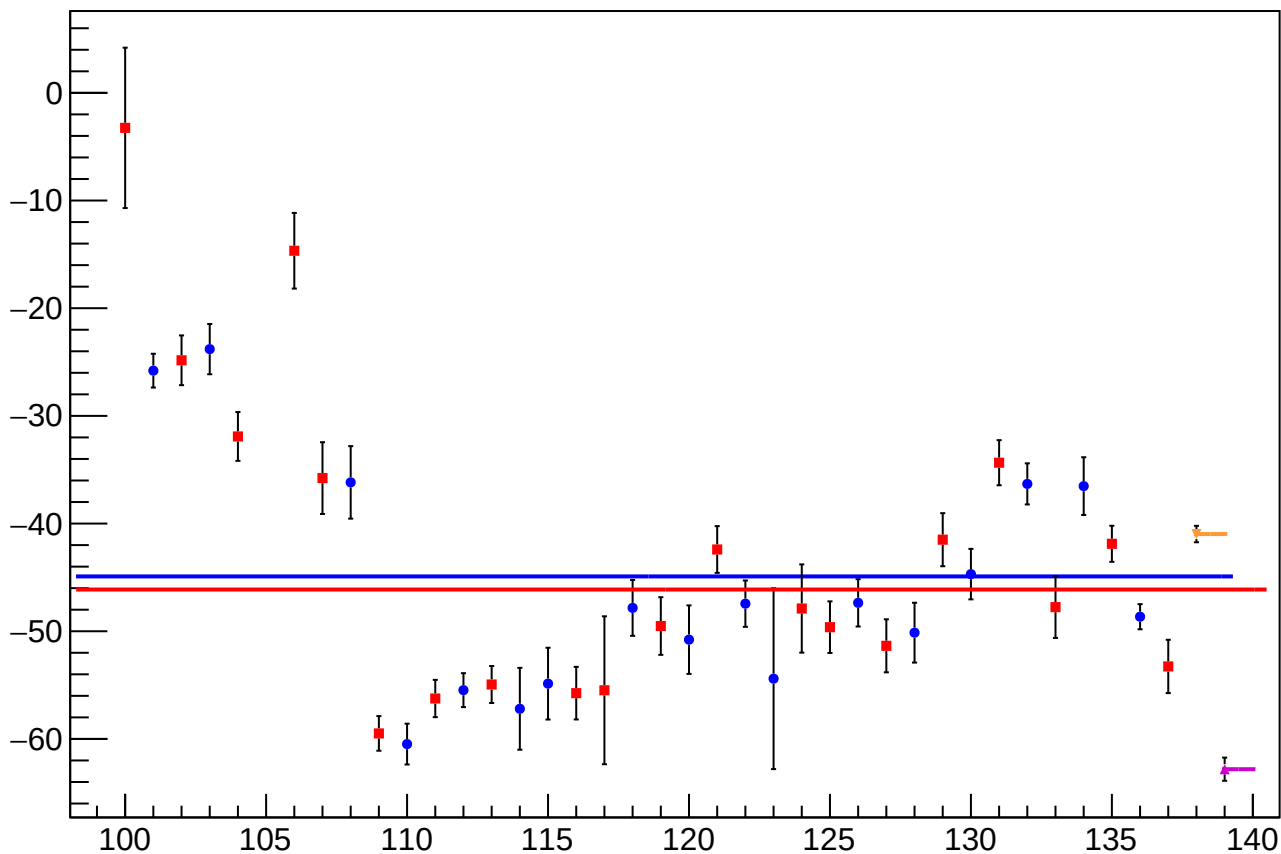
Right Out: -2.259 $\pm$ 0.302 χ^2 /NDF: 290.7/19

Left In: 11.251 $\pm$ 1.712 χ^2 /NDF:0.0/0

0.588 $\pm$ 0.267 χ^2 /NDF: 531.8/17

-1.852 $\pm$ 0.297 χ^2 /NDF: 351.0/20

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -40.974 ± 0.763 χ^2/NDF : 0.0/0

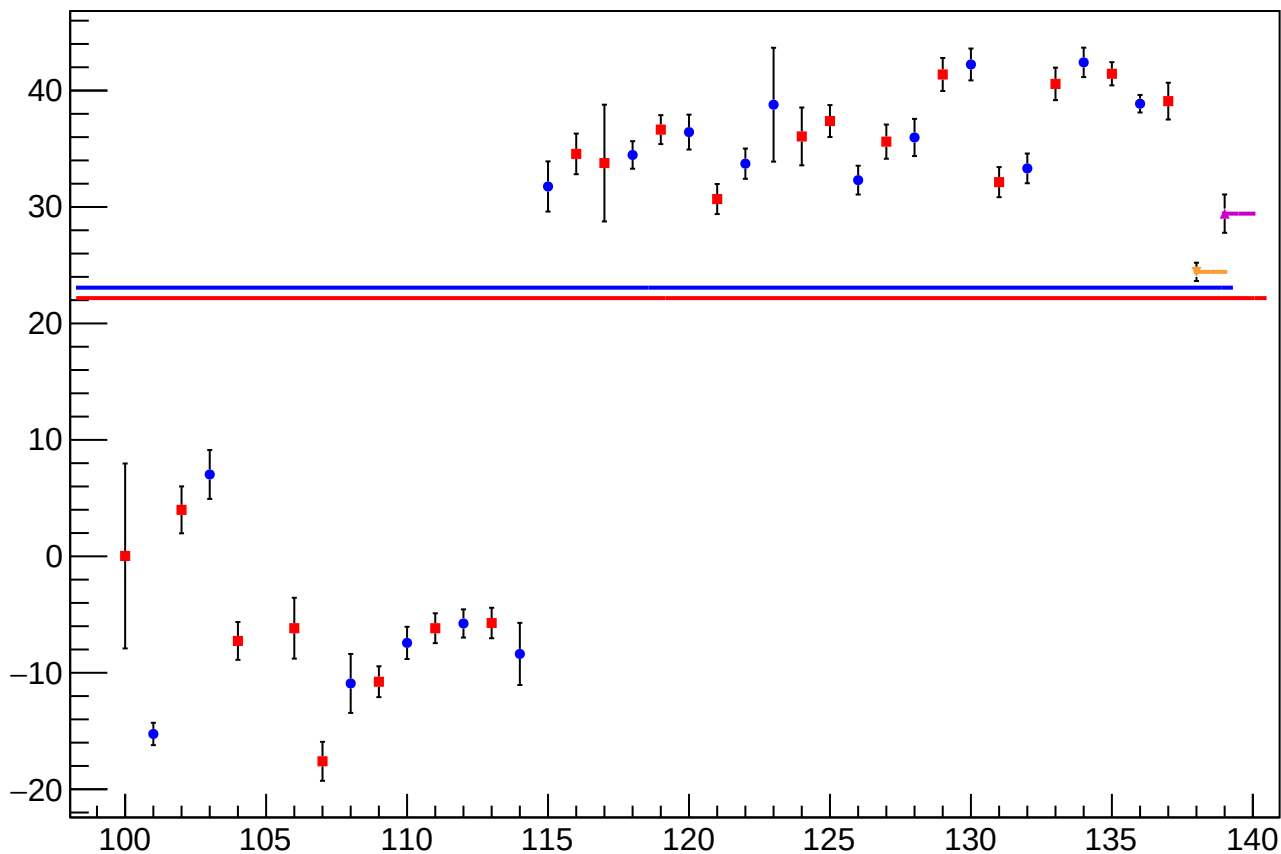
Right Out: -46.126 ± 0.527 χ^2/NDF : 455.9/19

Left In: -62.813 ± 1.076 χ^2/NDF : 0.0/0

-43.653 ± 0.431 χ^2/NDF : 439.3/17

-49.351 ± 0.473 χ^2/NDF : 649.9/20

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073+/-0.326 χ^2 /NDF: 4346.0/16

Left Out: 24.429+/-0.787 χ^2 /NDF:0.0/0

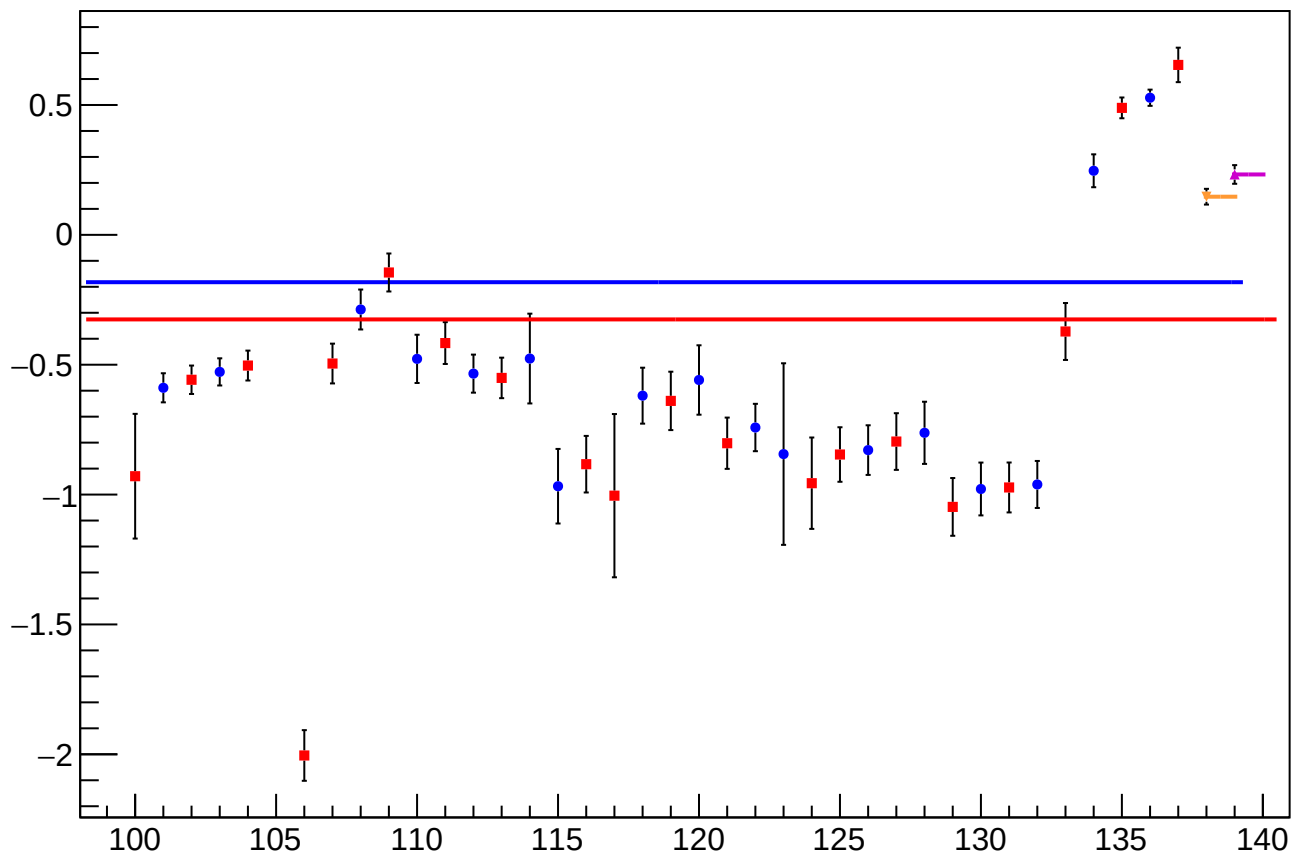
Right Out: 22.175+/-0.339 χ^2 /NDF: 4039.8/19

Left In: 29.430+/-1.645 χ^2 /NDF:0.0/0

23.272+/-0.301 χ^2 /NDF: 4348.5/17

22.471+/-0.332 χ^2 /NDF: 4058.4/20

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182+/-0.018 χ^2/NDF : 998.1/16

Left Out: 0.147+/-0.030 χ^2/NDF : 0.0/0

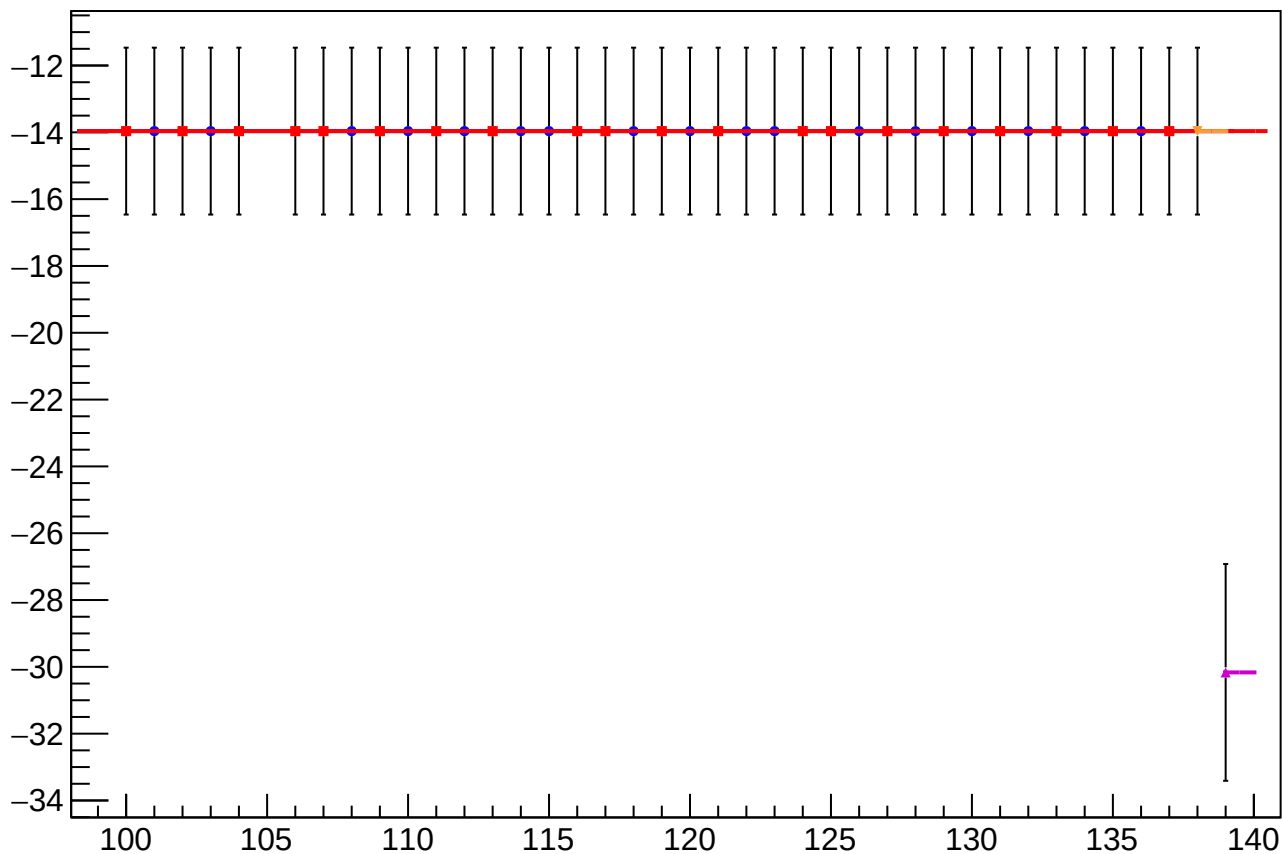
Right Out: -0.326+/-0.018 χ^2/NDF : 1189.1/19

Left In: 0.233+/-0.036 χ^2/NDF : 0.0/0

-0.098+/-0.015 χ^2/NDF : 1086.0/17

-0.212+/-0.016 χ^2/NDF : 1381.5/20

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -13.963 $\pm$ 0.606 χ^2 /NDF: 0.0/16

Left Out: -13.963 $\pm$ 2.498 χ^2 /NDF: 0.0/0

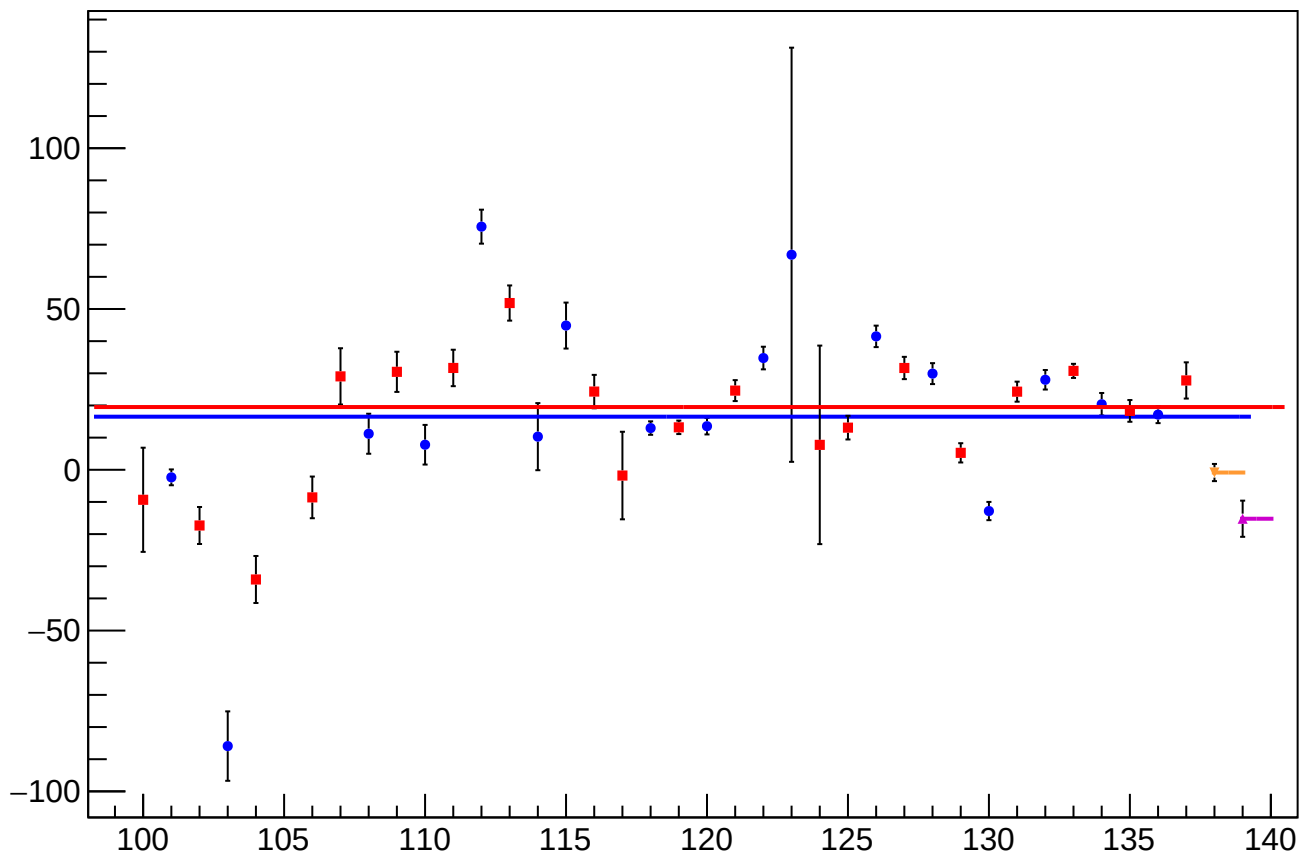
Right Out: -13.963 $\pm$ 0.559 χ^2 /NDF: 0.0/19

Left In: -30.167 $\pm$ 3.244 χ^2 /NDF: 0.0/0

-13.963 $\pm$ 0.589 χ^2 /NDF: 0.0/17

-14.430 $\pm$ 0.550 χ^2 /NDF: 24.2/20

reg_asym_atl1_diff_bpm4aY_slope vs Slug



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

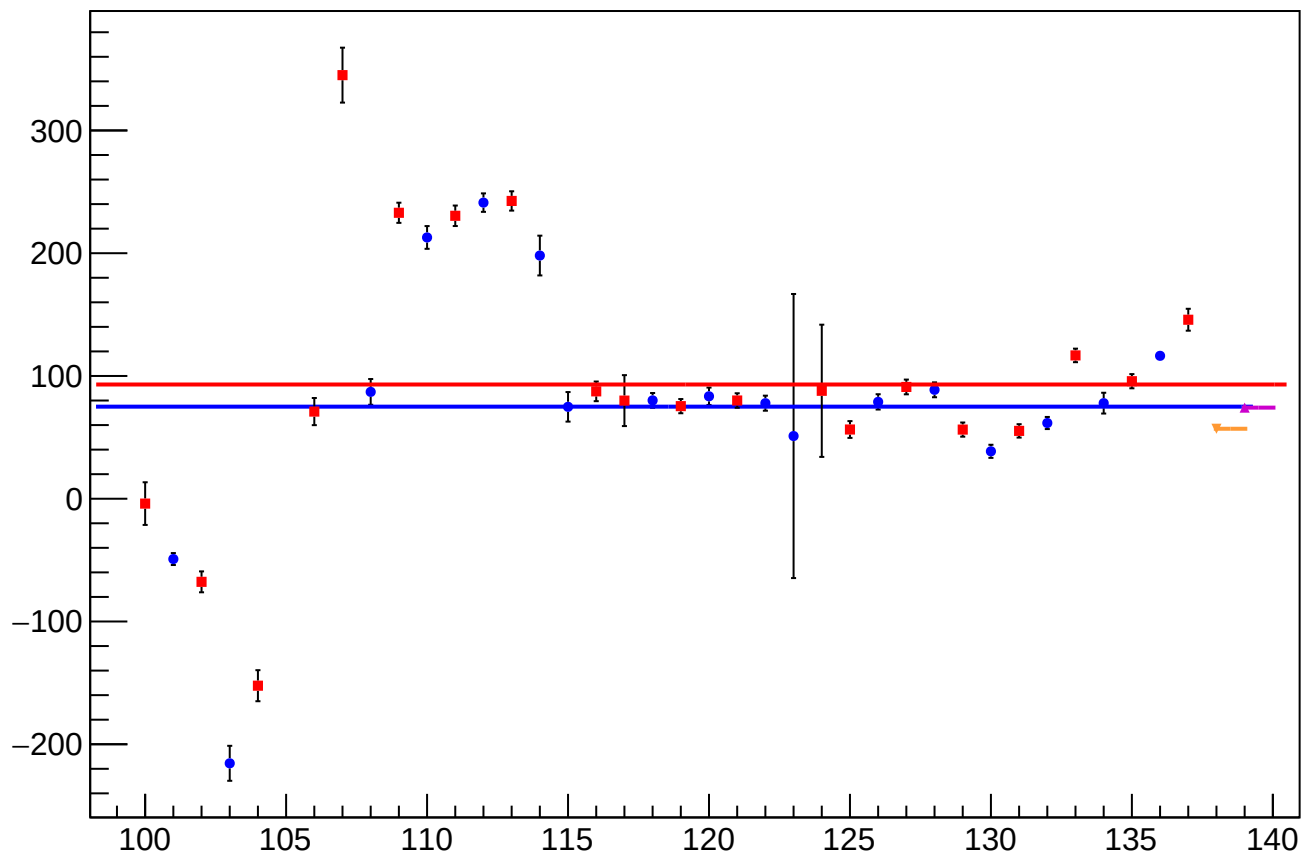
Right Out: 19.512 $\pm$ 0.896 χ^2 /NDF: 244.4/19

Left In: -15.222 $\pm$ 5.624 χ^2 /NDF: 0.0/0

14.925 $\pm$ 0.808 χ^2 /NDF: 558.0/17

18.651 $\pm$ 0.885 χ^2 /NDF: 281.6/20

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2 /NDF: 1999.3/16

Left Out: 57.002+/-2.710 χ^2 /NDF: 0.0/0

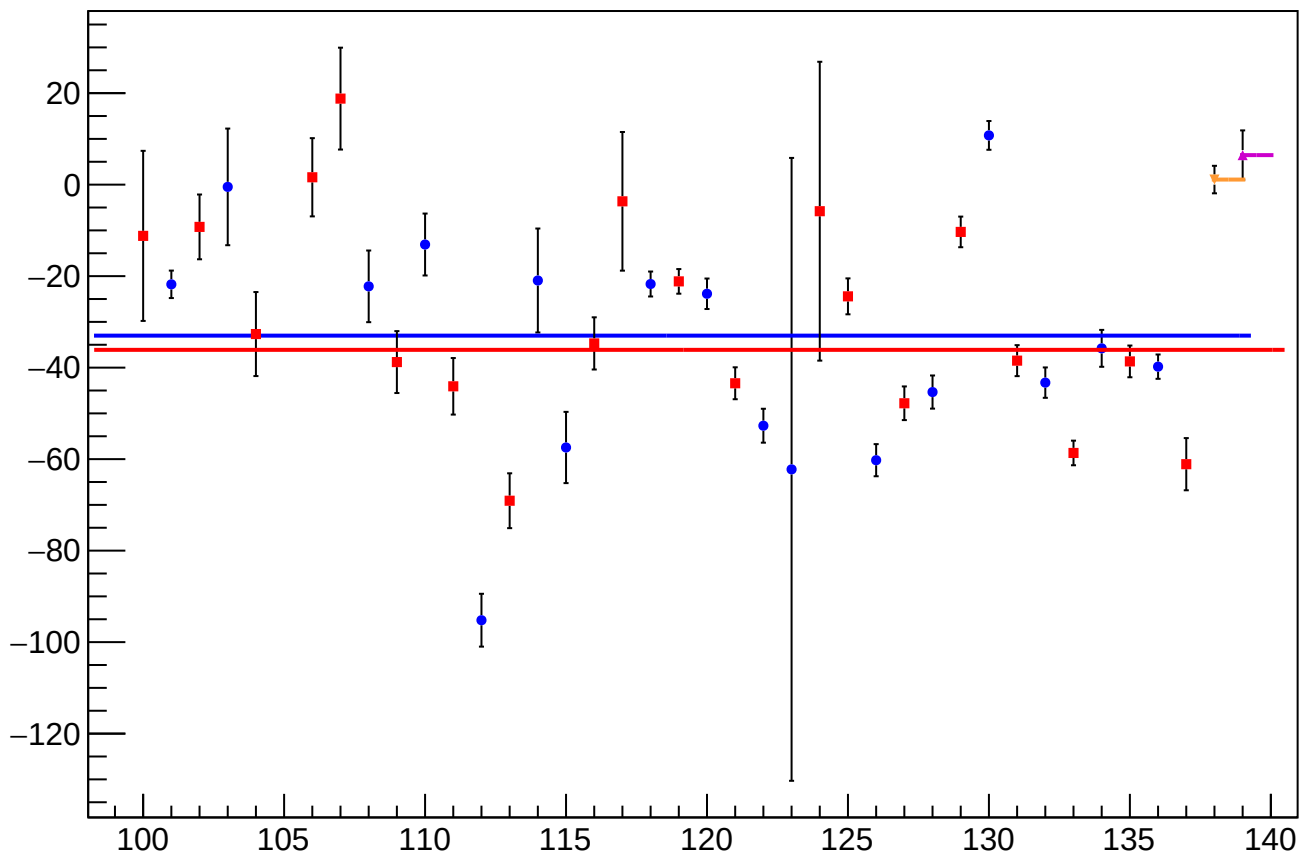
Right Out: 93.051+/-1.705 χ^2 /NDF: 2002.7/19

Left In: 74.212+/-3.537 χ^2 /NDF: 0.0/0

70.198+/-1.401 χ^2 /NDF: 2031.7/17

89.498+/-1.536 χ^2 /NDF: 2025.7/20

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: 1.110 ± 3.007 χ^2/NDF : 0.0/0

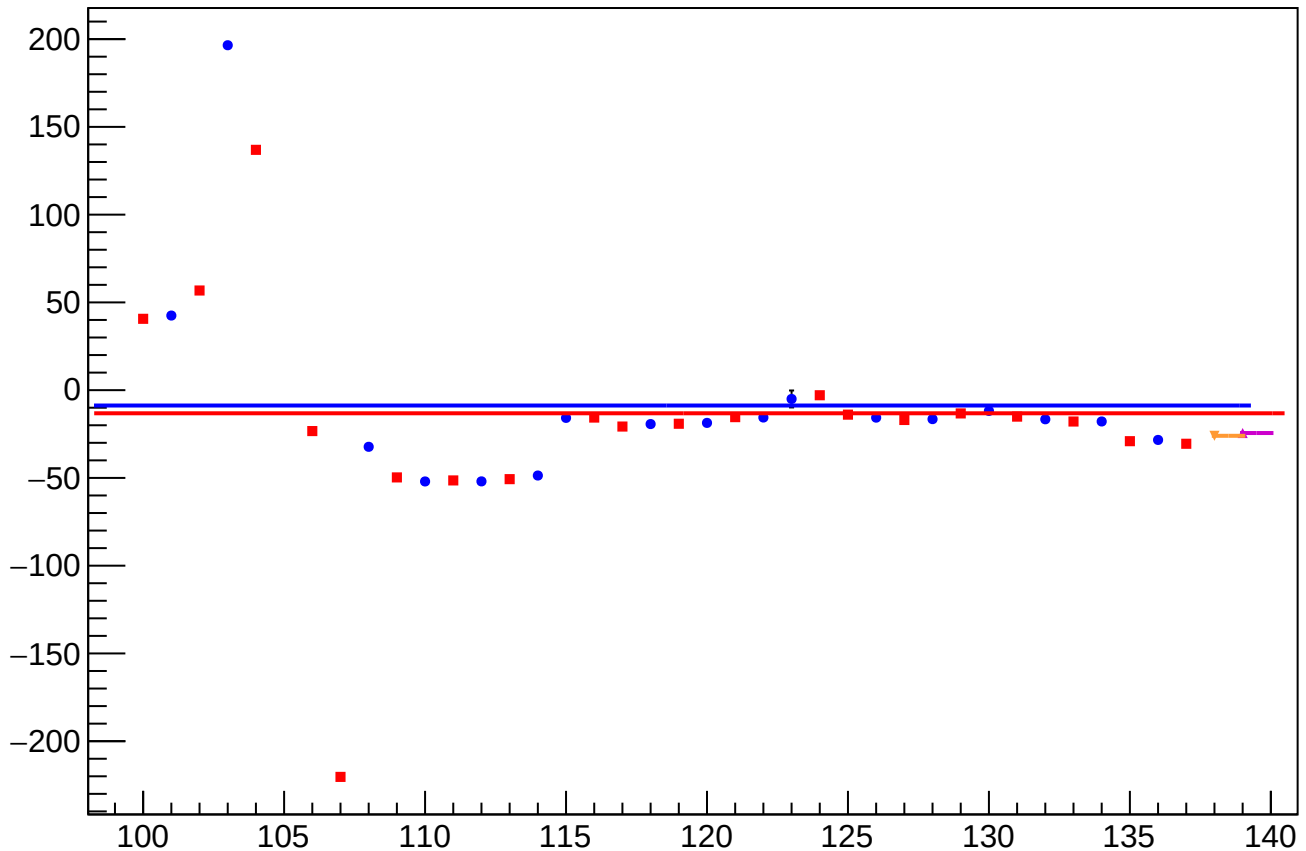
Right Out: -36.112 ± 1.023 χ^2/NDF : 301.7/19

Left In: 6.454 ± 5.402 χ^2/NDF : 0.0/0

-29.780 ± 0.925 χ^2/NDF : 609.6/17

-34.638 ± 1.005 χ^2/NDF : 361.6/20

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF : 576012.4/16

Left Out: -26.005+/-0.105 χ^2/NDF : 0.0/0

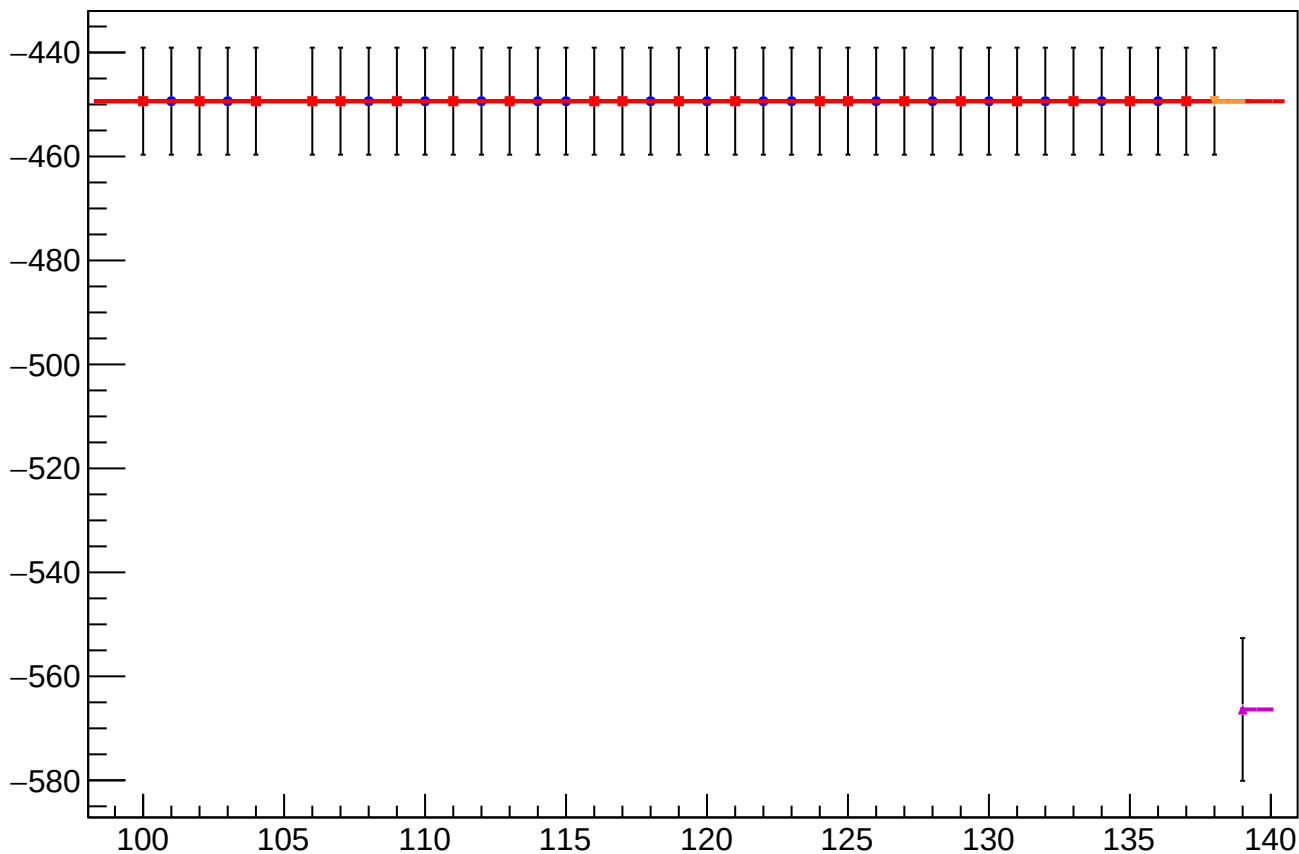
Right Out: -13.175+/-0.062 χ^2/NDF : 558691.6/19

Left In: -24.423+/-0.119 χ^2/NDF : 0.0/0

-12.850+/-0.051 χ^2/NDF : 596464.4/17

-15.568+/-0.055 χ^2/NDF : 565783.4/20

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -449.364 $\pm$ 2.496 χ^2 /NDF: 0.0/16

Left Out: -449.364 $\pm$ 10.293 χ^2 /NDF: 0.0/0

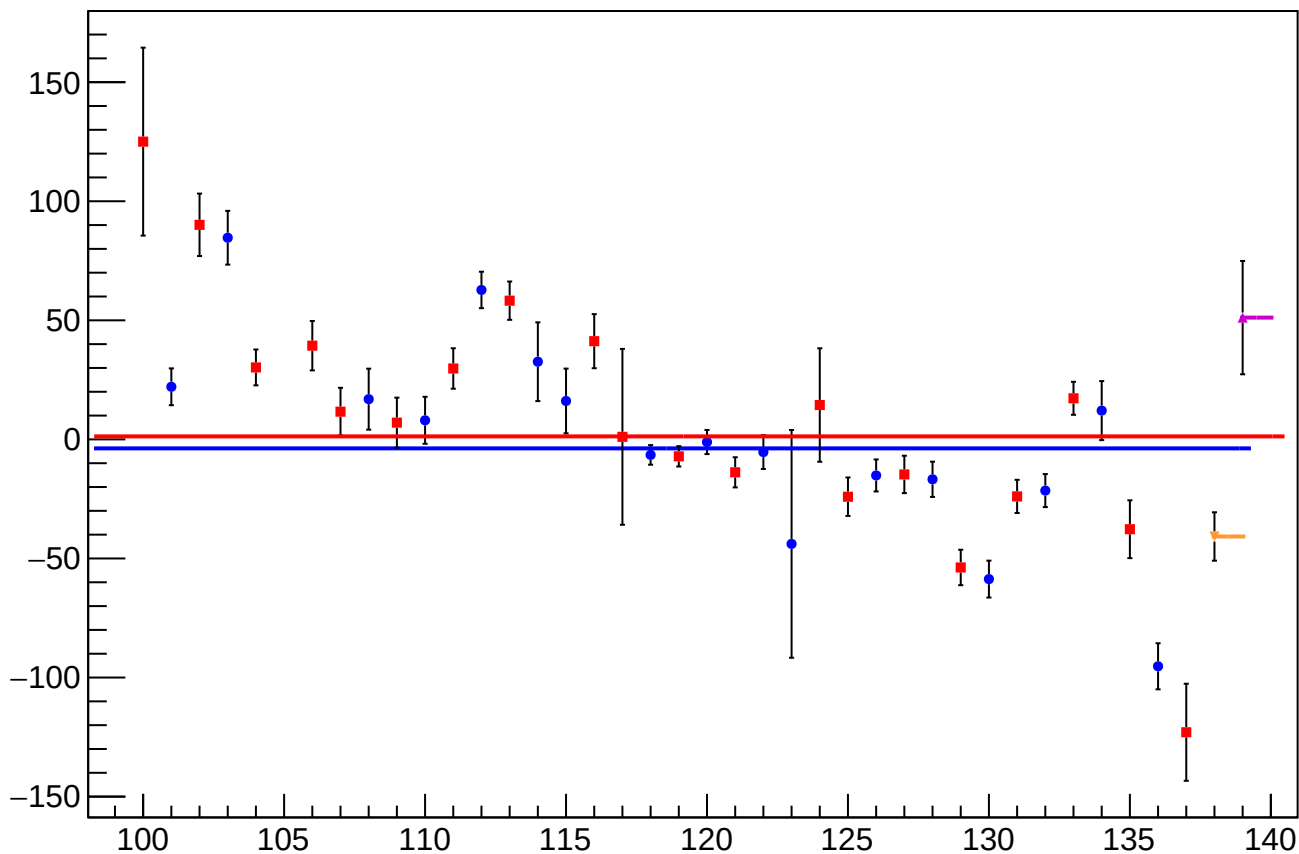
Right Out: -449.364 $\pm$ 2.301 χ^2 /NDF: 0.0/19

Left In: -566.367 $\pm$ 13.724 χ^2 /NDF: 0.0/0

-449.364 $\pm$ 2.426 χ^2 /NDF: 0.0/17

-452.564 $\pm$ 2.270 χ^2 /NDF: 70.7/20

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.773 $\pm$ 1.889 χ^2/NDF : 314.3/16

Left Out: -40.770 $\pm$ 10.163 χ^2/NDF : 0.0/0

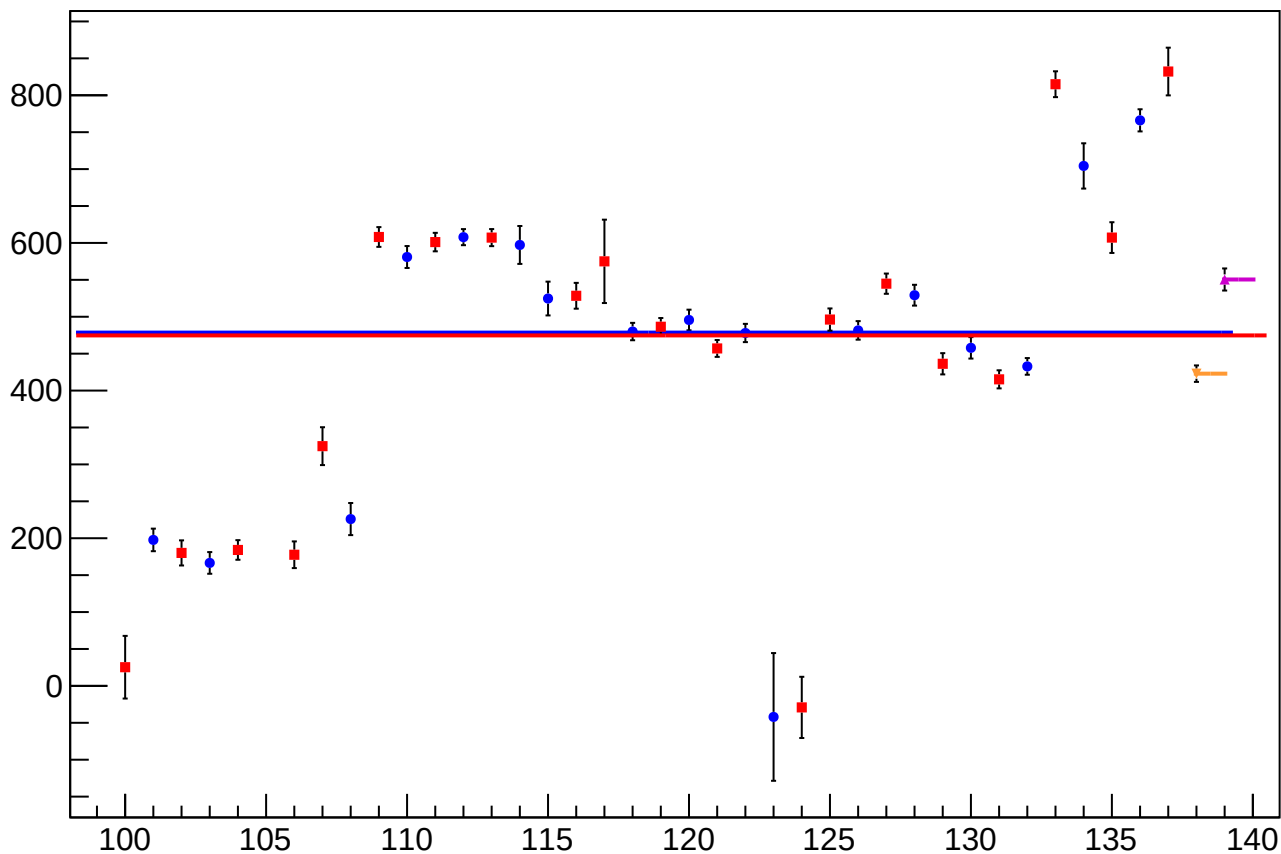
Right Out: 1.265 $\pm$ 1.918 χ^2/NDF : 303.7/19

Left In: 51.136 $\pm$ 23.797 χ^2/NDF : 0.0/0

-5.008 $\pm$ 1.857 χ^2/NDF : 327.2/17

1.587 $\pm$ 1.911 χ^2/NDF : 308.1/20

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 422.918 $\pm$ 11.157 χ^2 /NDF: 0.0/0

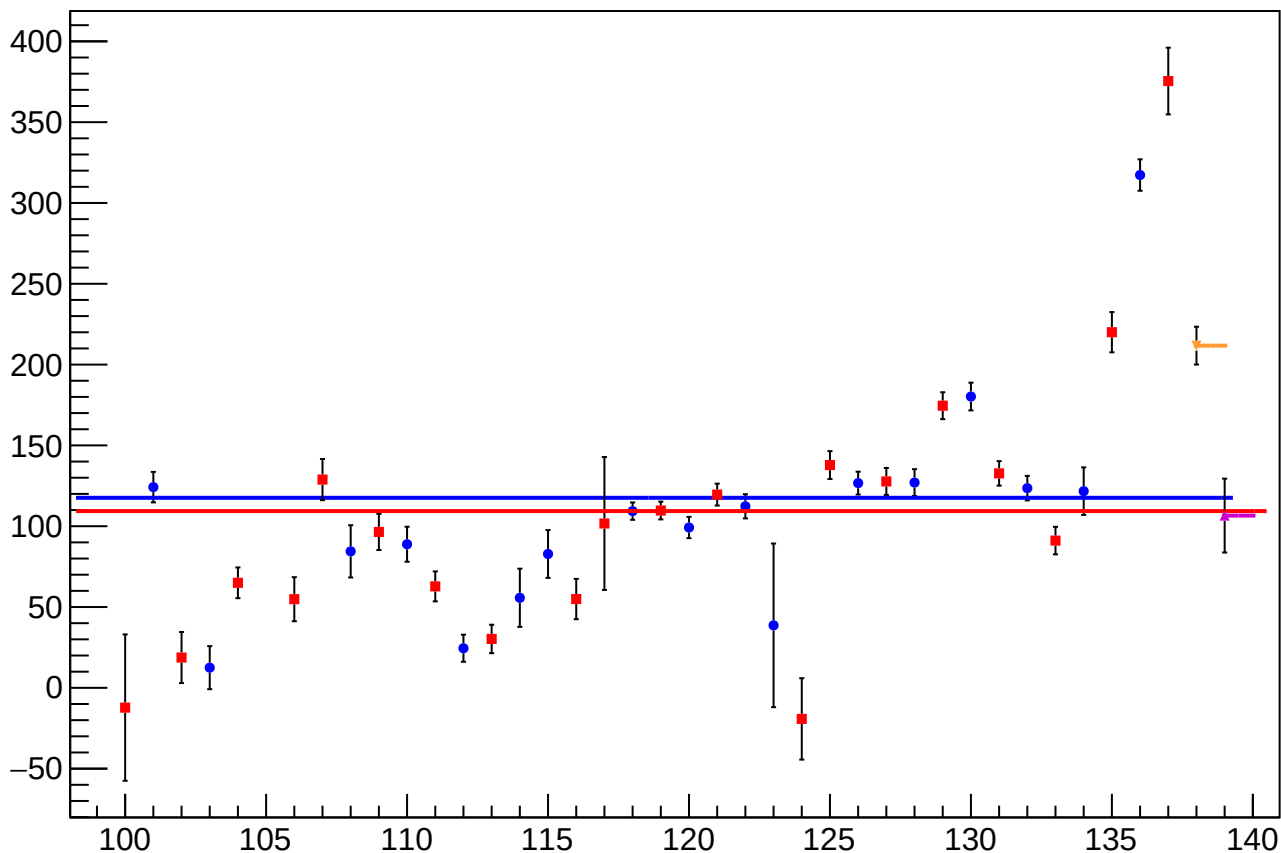
Right Out: 474.721 $\pm$ 3.526 χ^2 /NDF: 2290.3/19

Left In: 550.470 $\pm$ 14.965 χ^2 /NDF: 0.0/0

473.203 $\pm$ 3.452 χ^2 /NDF: 1651.5/17

478.705 $\pm$ 3.432 χ^2 /NDF: 2314.6/20

reg_asym_atl2_diff_bpm4eY_slope vs Slug



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

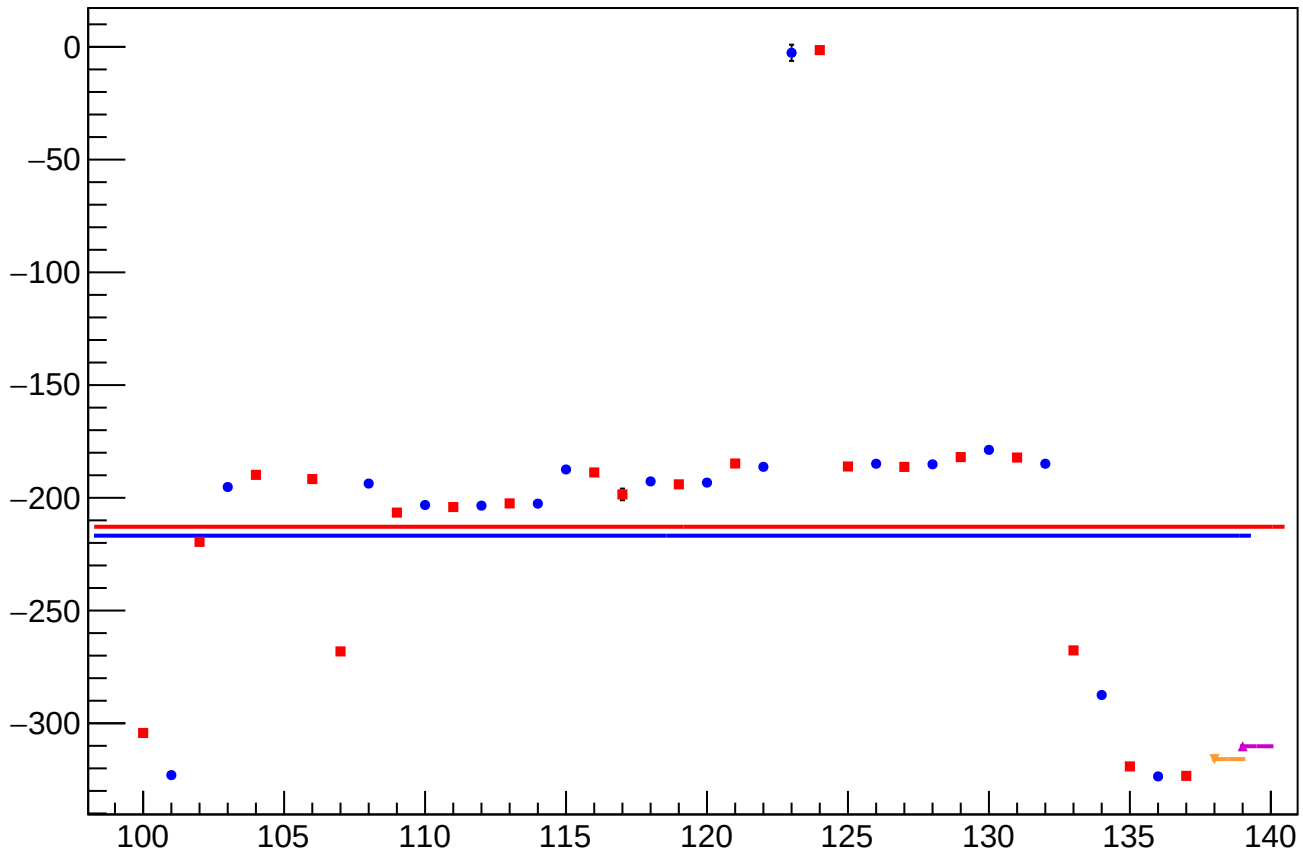
Right Out: 109.378 $\pm$ 2.207 χ^2 /NDF: 571.2/19

Left In: 106.579 $\pm$ 22.855 χ^2 /NDF: 0.0/0

120.780 $\pm$ 2.155 χ^2 /NDF: 769.5/17

109.352 $\pm$ 2.196 χ^2 /NDF: 571.2/20

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -315.891+/-0.443 χ^2/NDF : 0.0/0

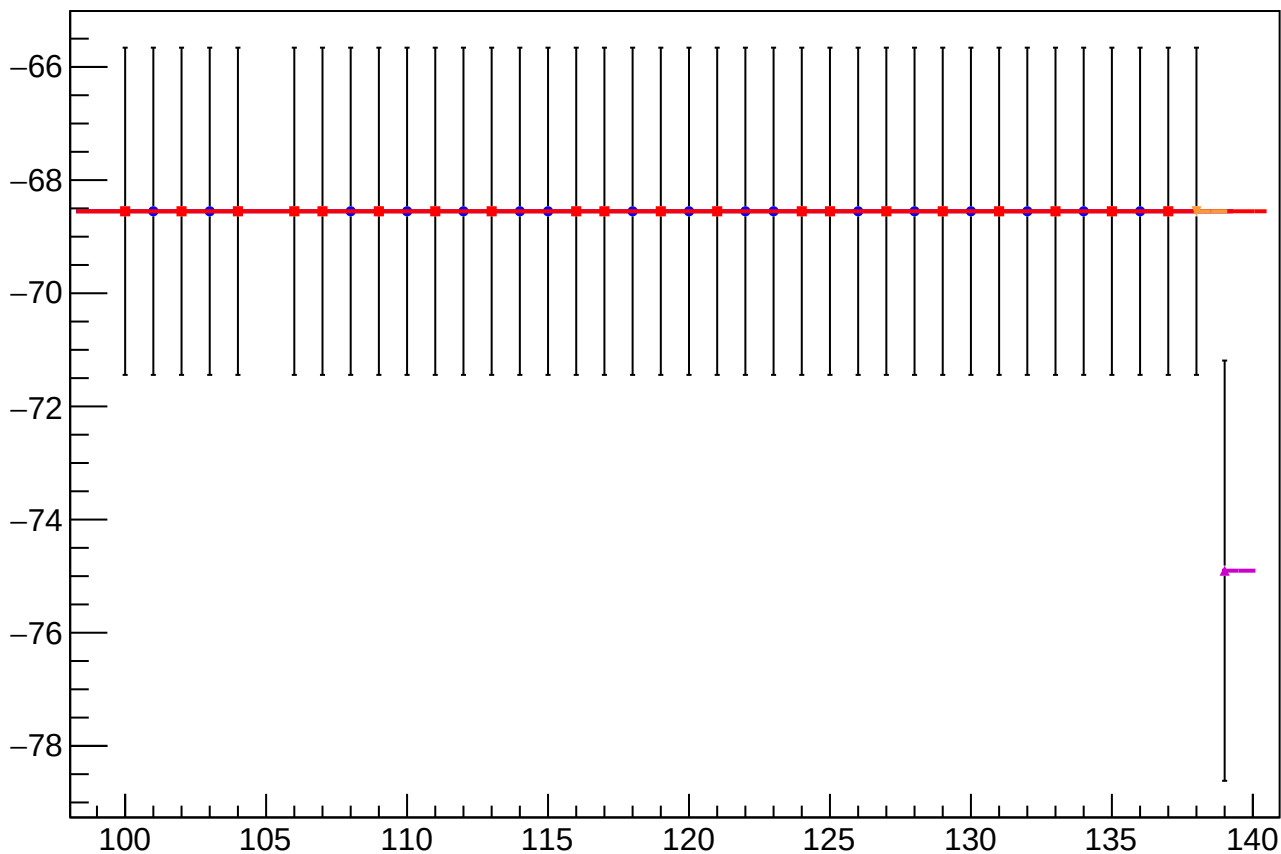
Right Out: -212.832+/-0.130 χ^2/NDF : 116424.5/19

Left In: -310.190+/-0.501 χ^2/NDF : 0.0/0

-225.277+/-0.130 χ^2/NDF : 192648.6/17

-218.968+/-0.126 χ^2/NDF : 151777.9/20

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -68.551 $\pm$ 0.701 χ^2 /NDF: 0.0/16

Left Out: -68.551 $\pm$ 2.892 χ^2 /NDF:0.0/0

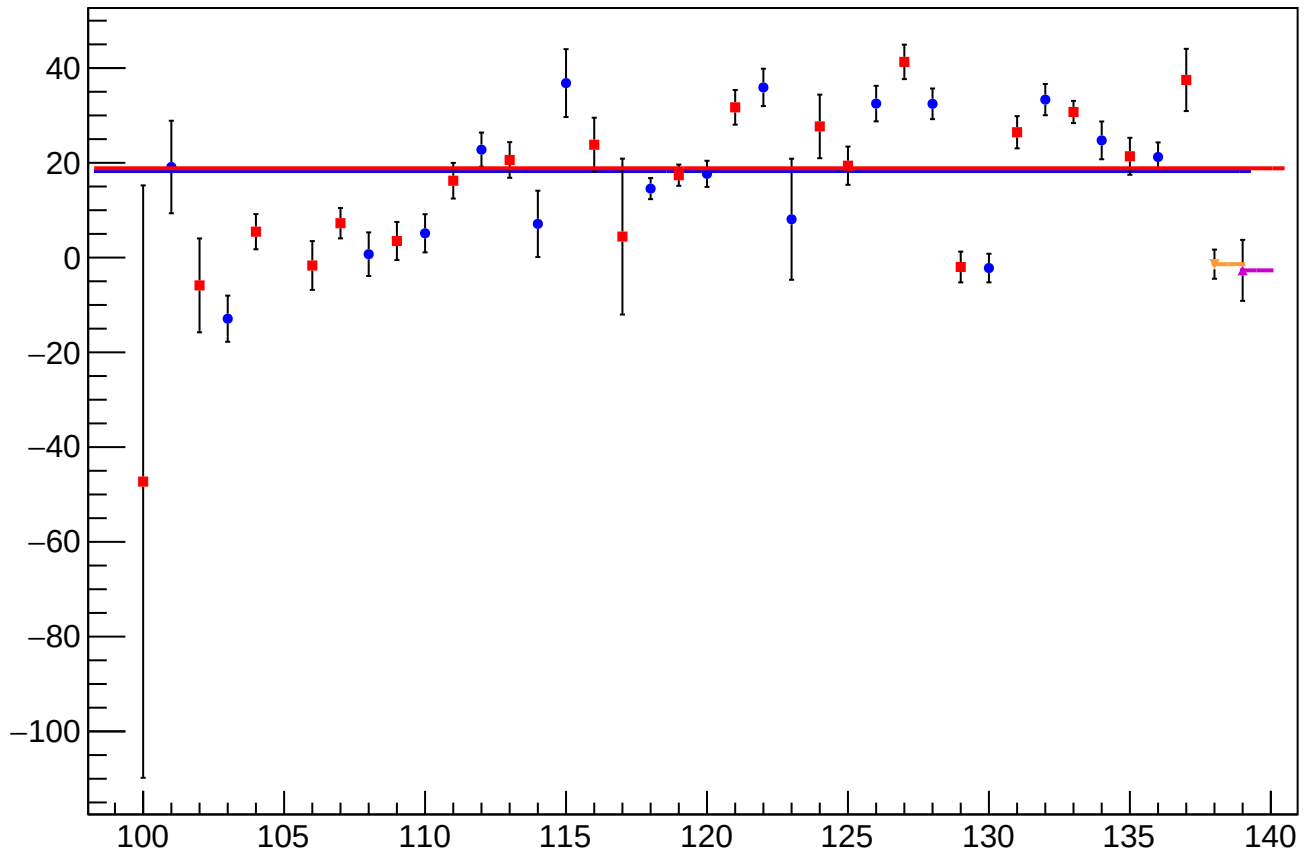
Right Out: -68.551 $\pm$ 0.647 χ^2 /NDF: 0.0/19

Left In: -74.903 $\pm$ 3.714 χ^2 /NDF:0.0/0

-68.551 $\pm$ 0.682 χ^2 /NDF: 0.0/17

-68.738 $\pm$ 0.637 χ^2 /NDF: 2.8/20

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279+/-0.906 χ^2 /NDF: 204.6/16

Left Out: -1.391+/-3.079 χ^2 /NDF: 0.0/0

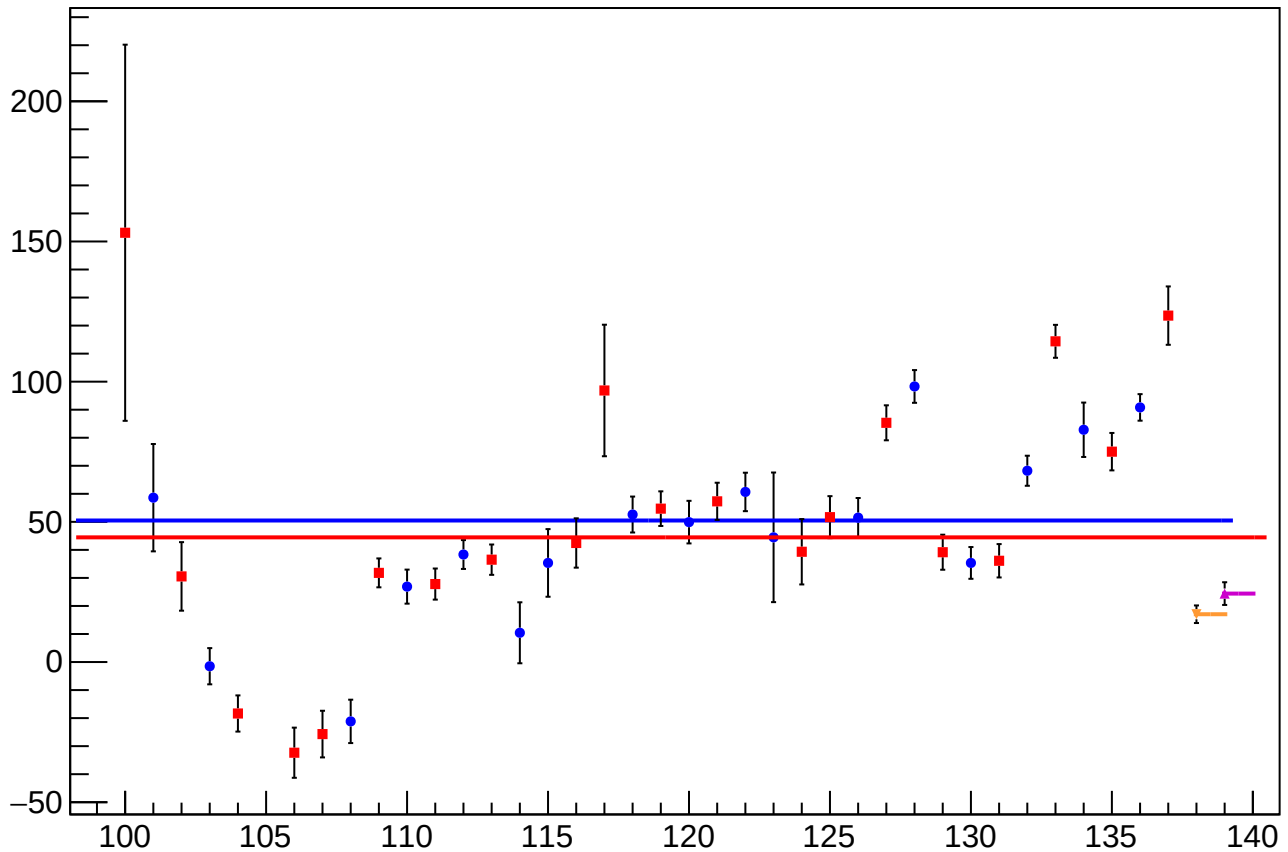
Right Out: 18.842+/-0.863 χ^2 /NDF: 199.2/19

Left In: -2.696+/-6.437 χ^2 /NDF: 0.0/0

16.714+/-0.869 χ^2 /NDF: 242.1/17

18.462+/-0.856 χ^2 /NDF: 210.2/20

reg_asym_atr1_diff_bpm4eX_slope vs Slug



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

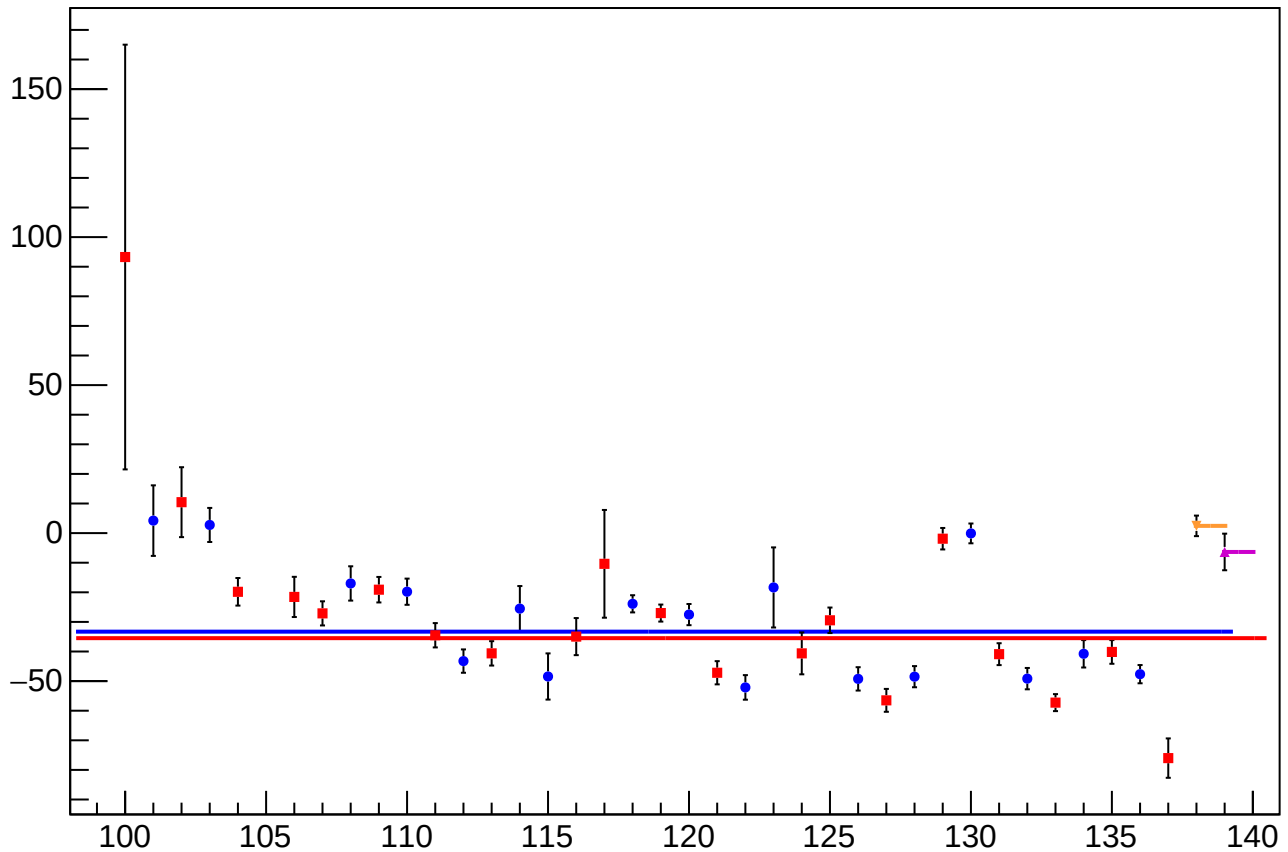
Right Out: 44.466 $\pm$ 1.599 χ^2 /NDF: 539.4/19

Left In: 24.410 $\pm$ 4.050 χ^2 /NDF: 0.0/0

43.112 $\pm$ 1.473 χ^2 /NDF: 446.5/17

41.762 $\pm$ 1.487 χ^2 /NDF: 560.6/20

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: 2.447 ± 3.471 χ^2/NDF : 0.0/0

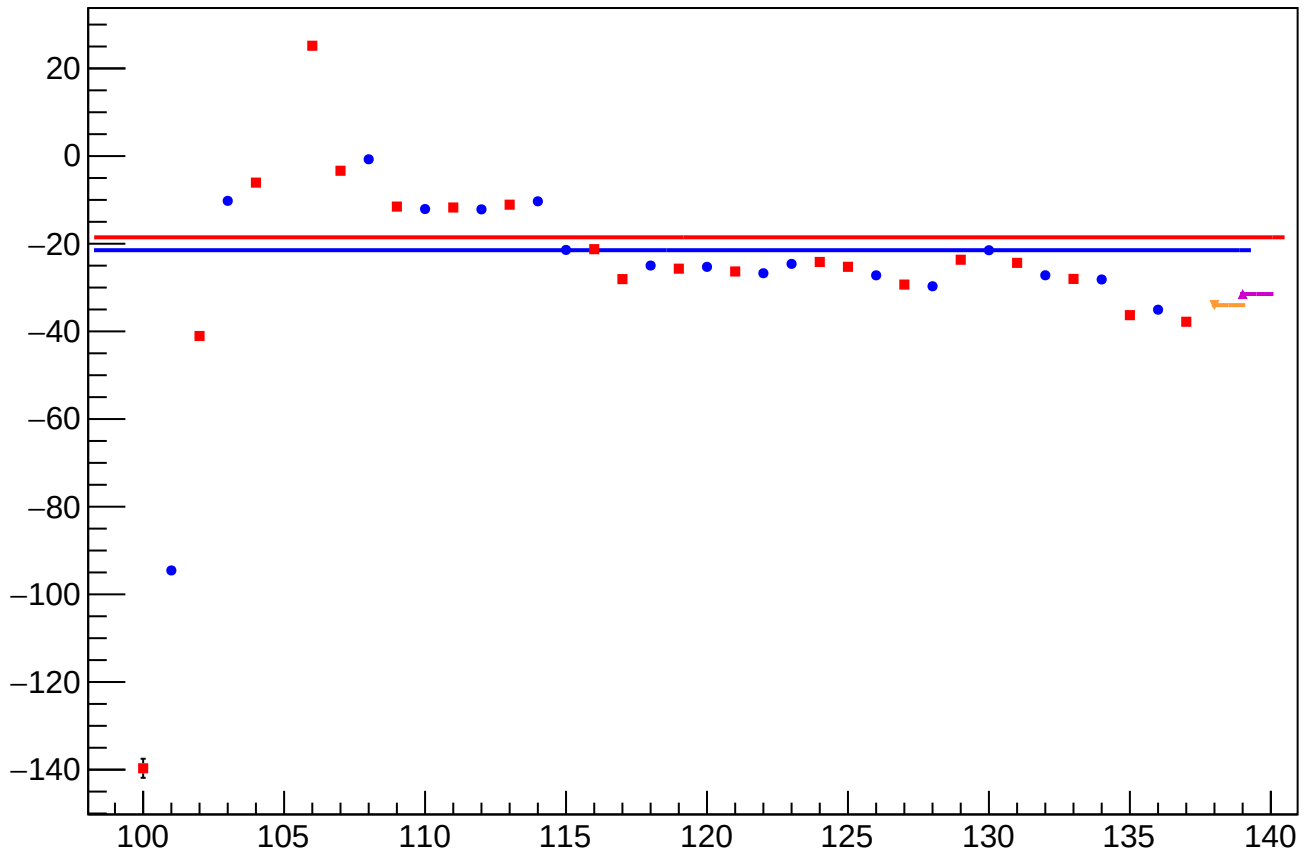
Right Out: -35.491 ± 0.991 χ^2/NDF : 289.5/19

Left In: -6.368 ± 6.182 χ^2/NDF : 0.0/0

-30.384 ± 0.990 χ^2/NDF : 386.5/17

-34.761 ± 0.979 χ^2/NDF : 311.2/20

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476+/-0.059 χ^2/NDF : 49009.8/16

Left Out: -34.003+/-0.122 χ^2/NDF : 0.0/0

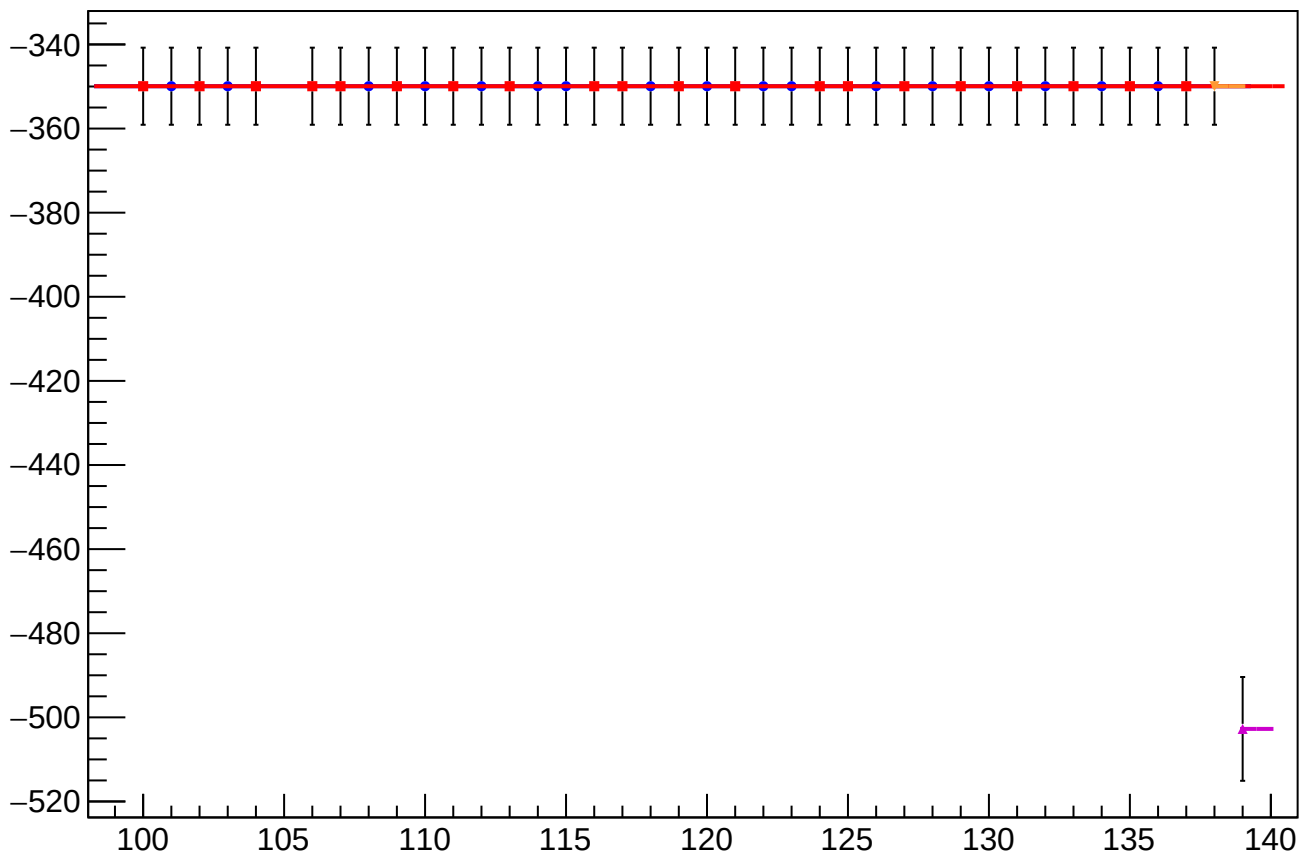
Right Out: -18.533+/-0.057 χ^2/NDF : 80812.7/19

Left In: -31.472+/-0.135 χ^2/NDF : 0.0/0

-23.825+/-0.053 χ^2/NDF : 57555.0/17

-20.495+/-0.053 χ^2/NDF : 88552.2/20

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -349.933+/-2.223 χ^2/NDF : 0.0/16

Left Out: -349.933+/-9.166 χ^2/NDF : 0.0/0

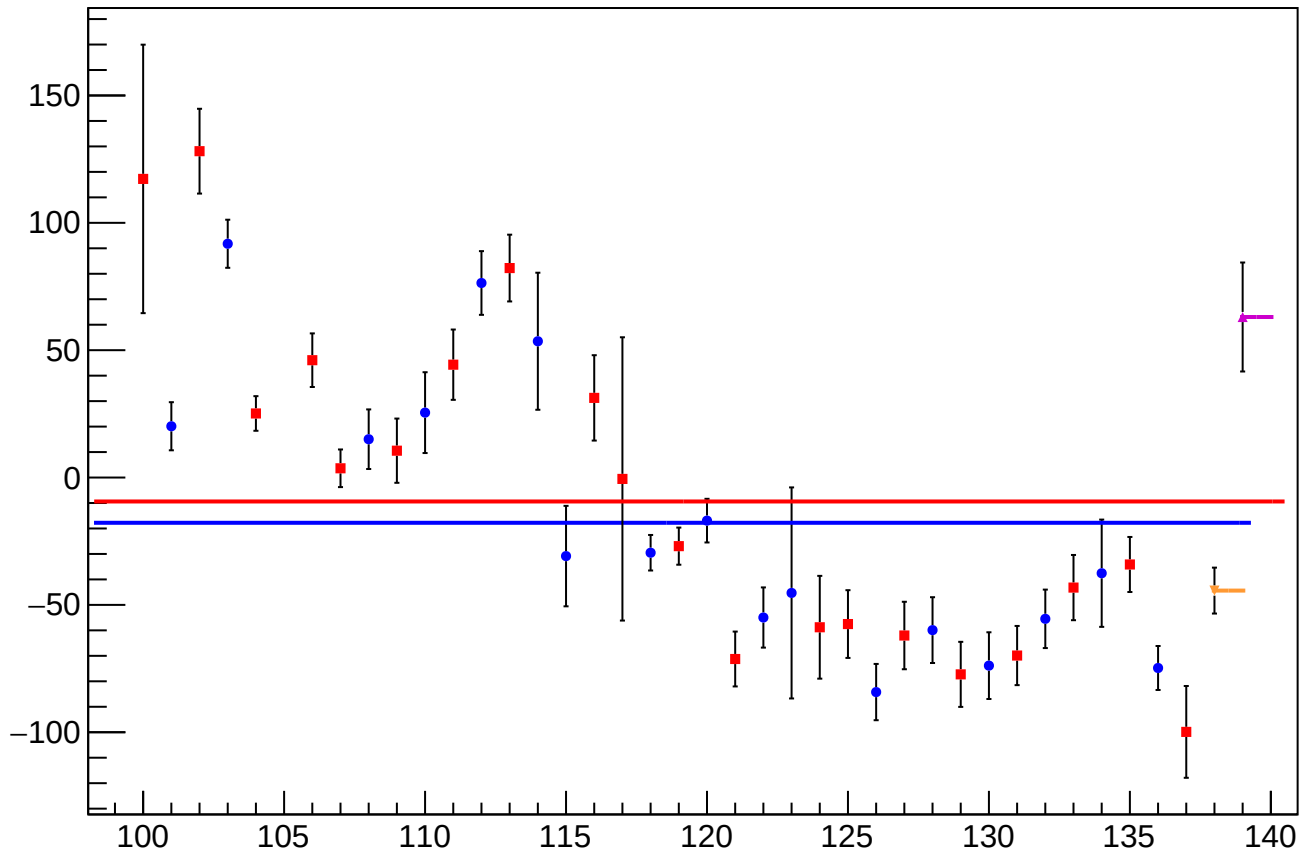
Right Out: -349.933+/-2.049 χ^2/NDF : 0.0/19

Left In: -502.746+/-12.339 χ^2/NDF : 0.0/0

-349.933+/-2.160 χ^2/NDF : 0.0/17

-354.036+/-2.022 χ^2/NDF : 149.3/20

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: -44.385 ± 9.013 χ^2/NDF : 0.0/0

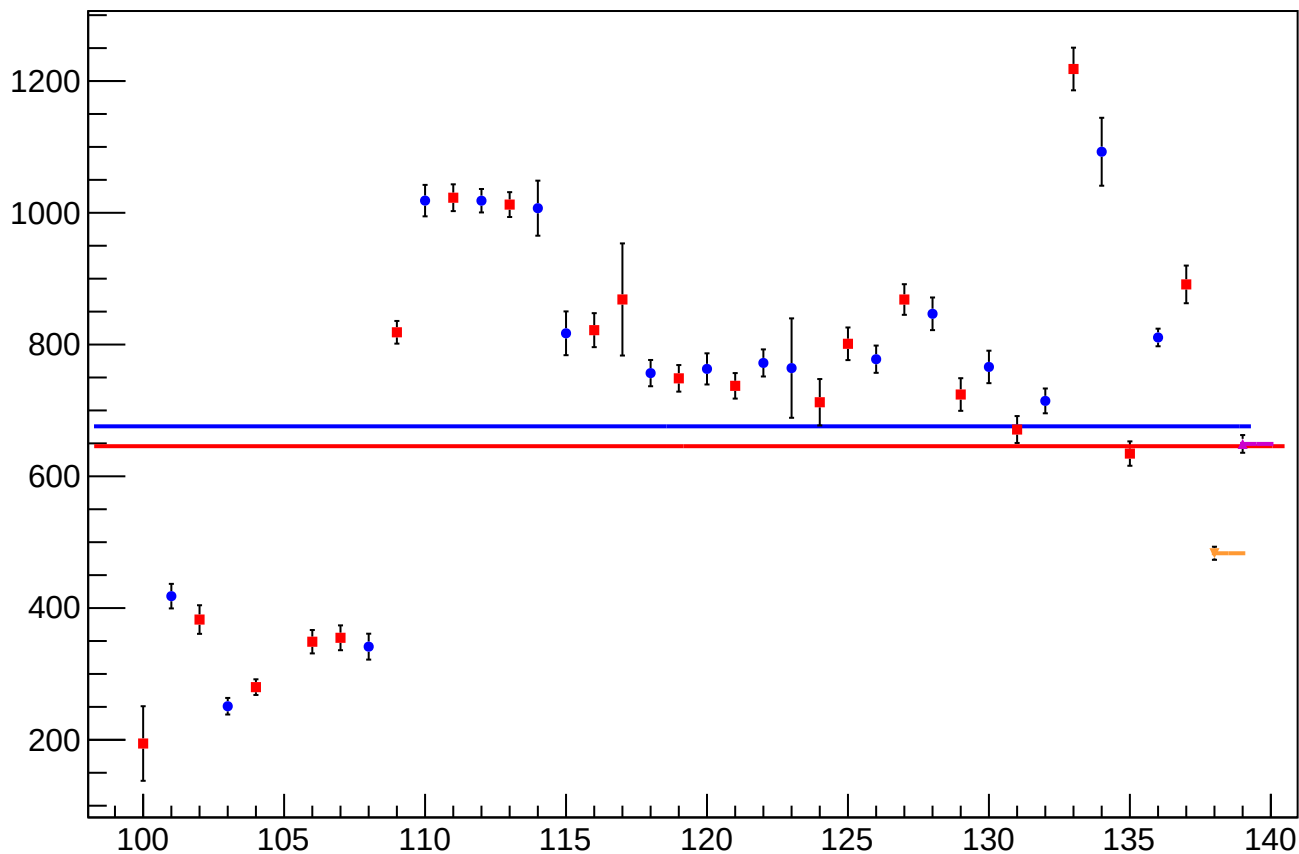
Right Out: -9.397 ± 2.610 χ^2/NDF : 369.6/19

Left In: 63.029 ± 21.395 χ^2/NDF : 0.0/0

-20.079 ± 2.658 χ^2/NDF : 371.8/17

-8.335 ± 2.591 χ^2/NDF : 380.9/20

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871+/-5.037 χ^2/NDF : 2586.4/16

Left Out: 483.194+/-9.935 χ^2/NDF : 0.0/0

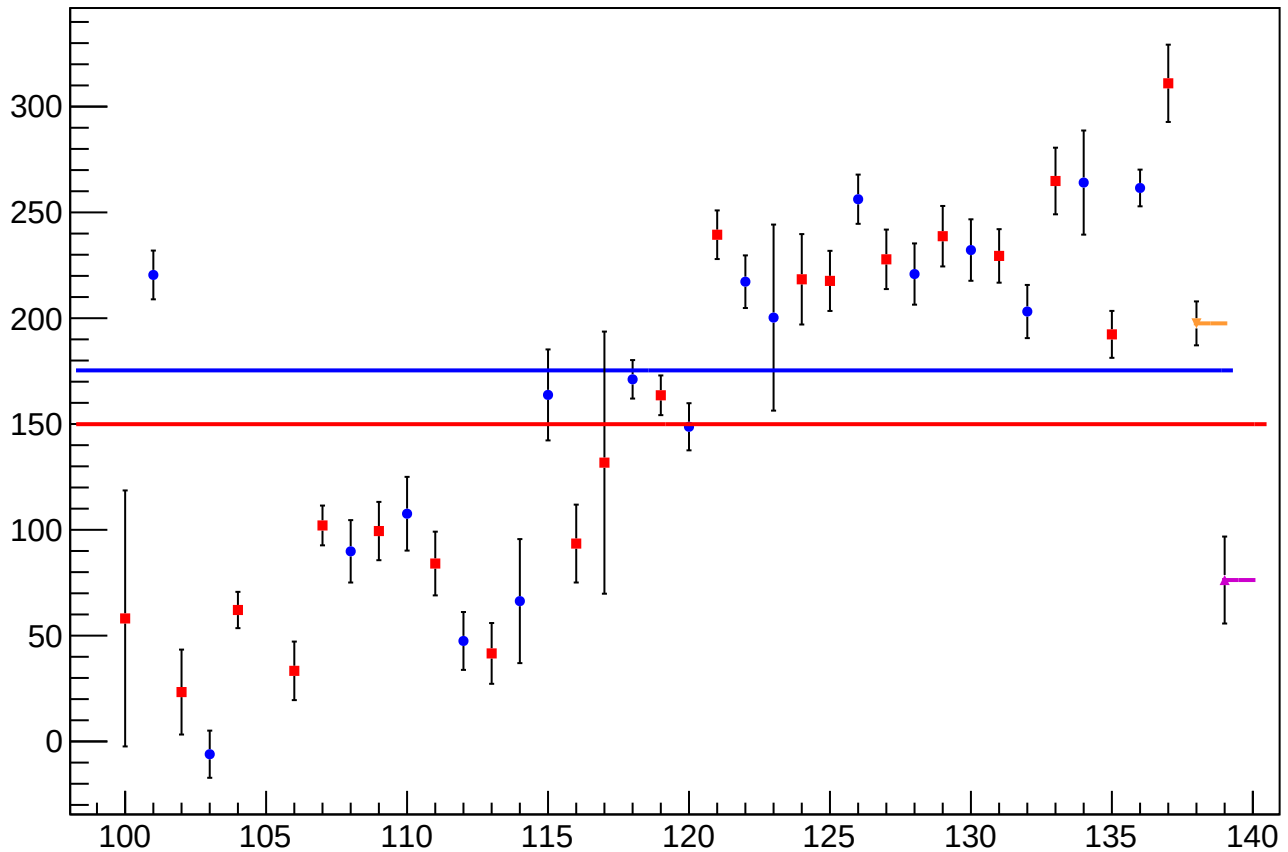
Right Out: 645.711+/-4.753 χ^2/NDF : 3130.1/19

Left In: 649.176+/-13.454 χ^2/NDF : 0.0/0

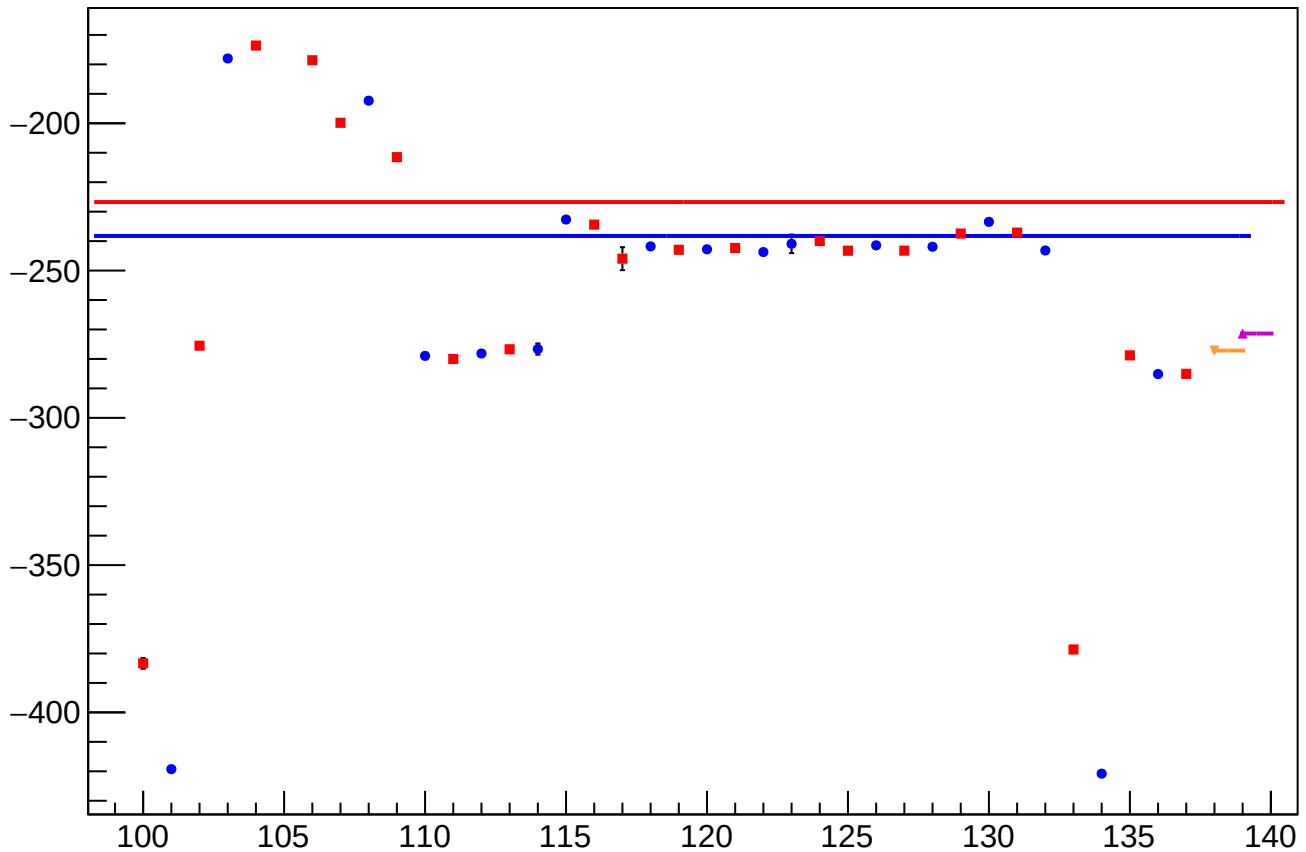
636.473+/-4.493 χ^2/NDF : 2885.6/17

646.095+/-4.482 χ^2/NDF : 3130.2/20

reg_asym_atr2_diff_bpm4eY_slope vs Slug



reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -277.162+/-0.395 χ^2/NDF : 0.0/0

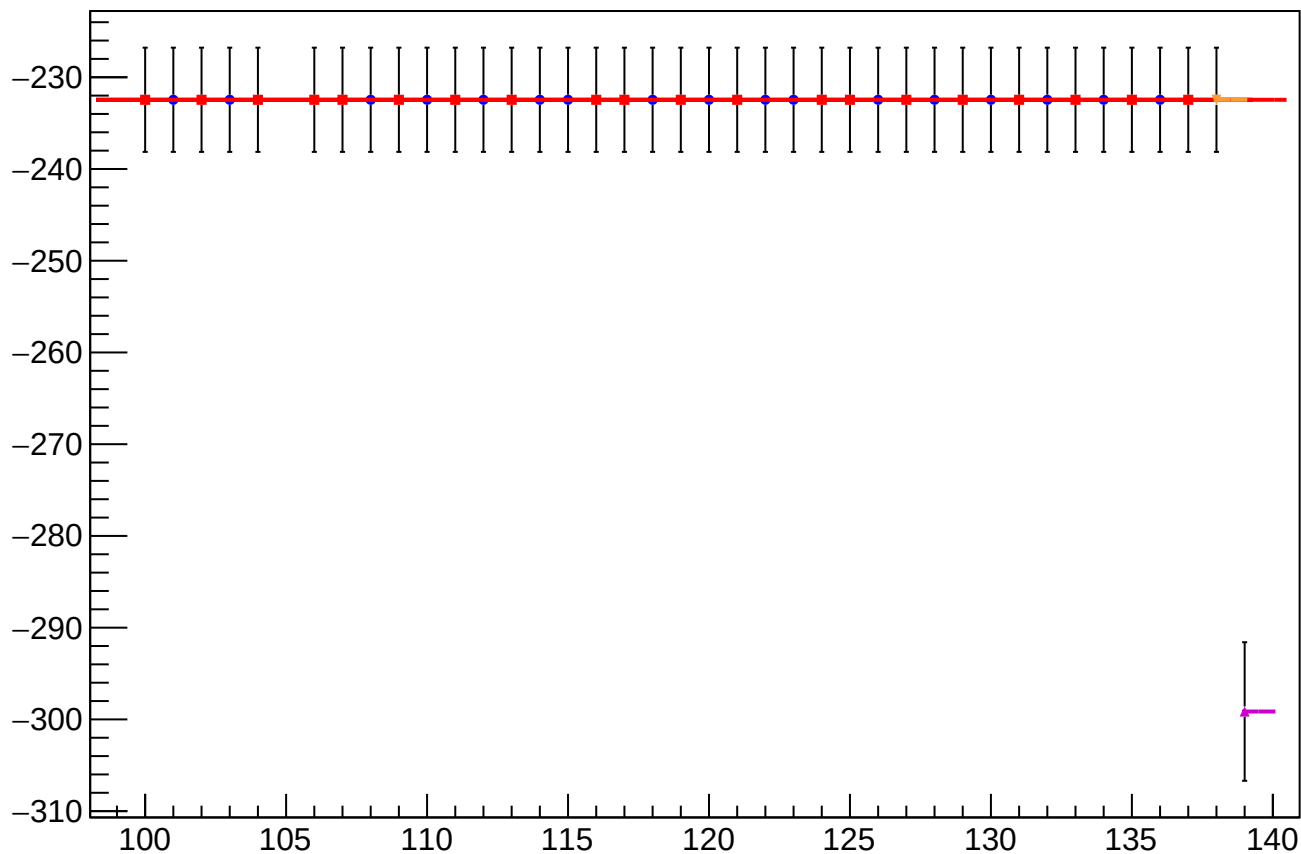
Right Out: -226.735+/-0.151 χ^2/NDF : 102855.7/19

Left In: -271.386+/-0.451 χ^2/NDF : 0.0/0

-243.720+/-0.148 χ^2/NDF : 175452.1/17

-231.242+/-0.143 χ^2/NDF : 111683.7/20

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -232.456+/-1.378 χ^2/NDF : 0.0/16

Left Out: -232.456+/-5.680 χ^2/NDF : 0.0/0

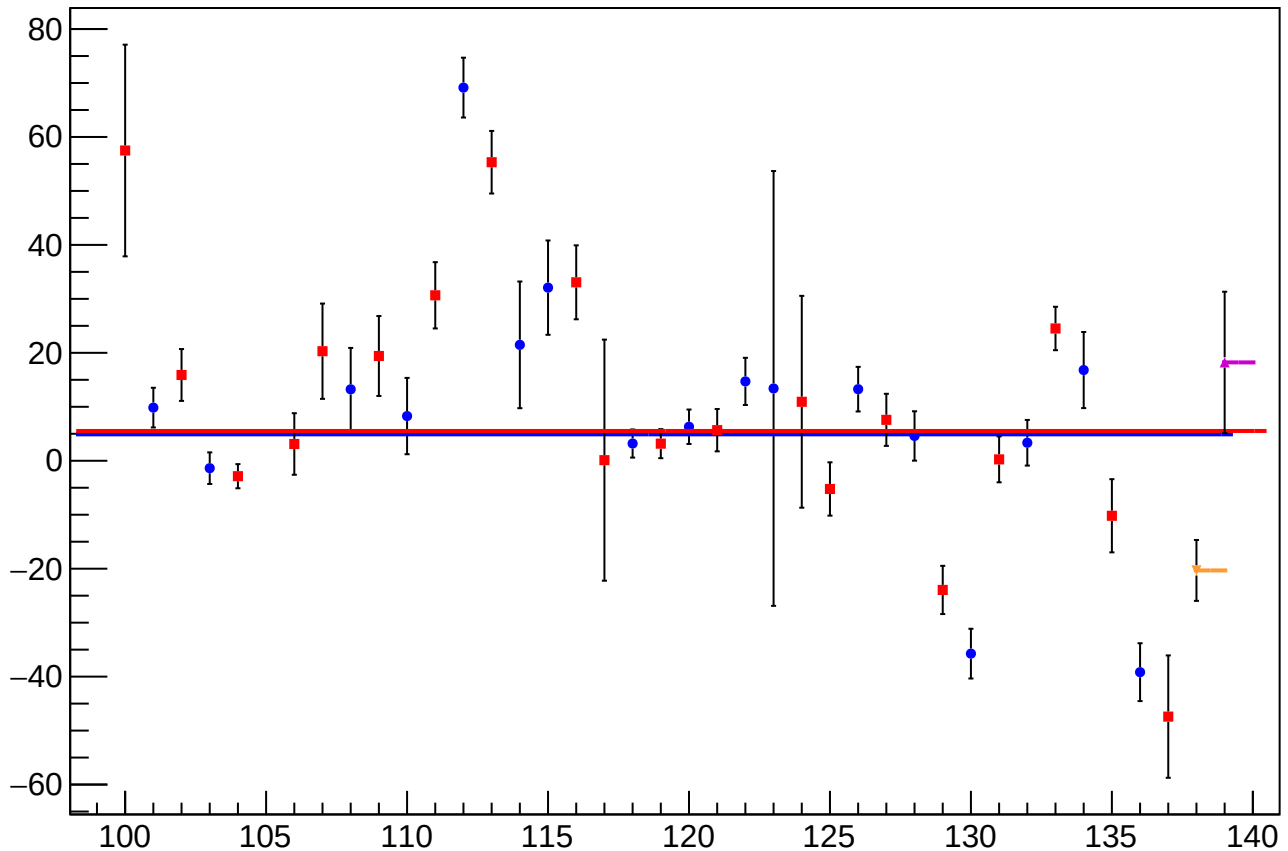
Right Out: -232.456+/-1.270 χ^2/NDF : 0.0/19

Left In: -299.140+/-7.553 χ^2/NDF : 0.0/0

-232.456+/-1.339 χ^2/NDF : 0.0/17

-234.290+/-1.253 χ^2/NDF : 75.8/20

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 $\pm$ 1.089 χ^2 /NDF: 312.0/16

Left Out: -20.320 $\pm$ 5.641 χ^2 /NDF: 0.0/0

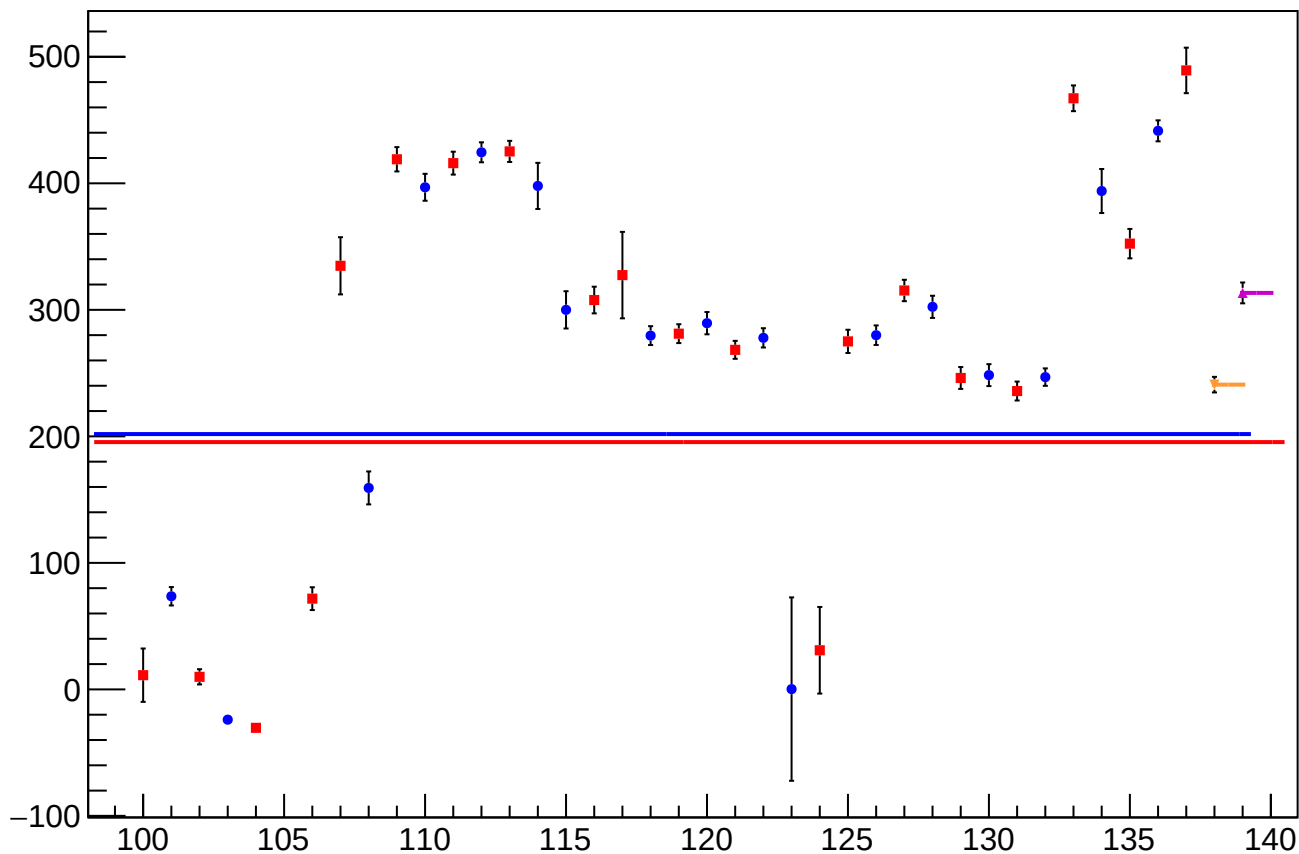
Right Out: 5.522 $\pm$ 1.070 χ^2 /NDF: 239.2/19

Left In: 18.227 $\pm$ 13.097 χ^2 /NDF: 0.0/0

3.990 $\pm$ 1.069 χ^2 /NDF: 331.2/17

5.606 $\pm$ 1.067 χ^2 /NDF: 240.1/20

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



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

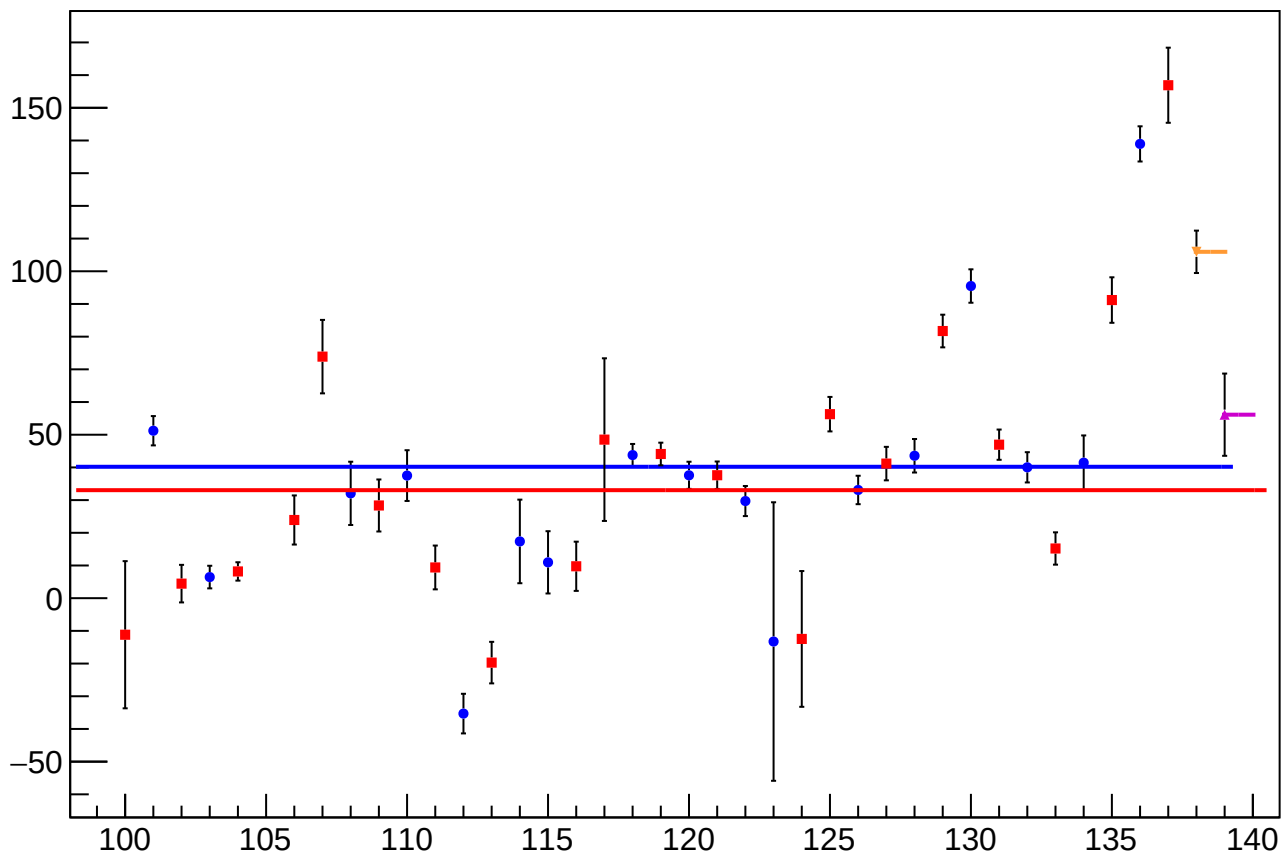
Right Out: 195.472 $\pm$ 1.921 χ^2 /NDF: 8272.1/19

Left In: 313.382 $\pm$ 8.235 χ^2 /NDF: 0.0/0

205.436 $\pm$ 1.877 χ^2 /NDF: 6790.7/17

201.559 $\pm$ 1.871 χ^2 /NDF: 8466.5/20

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 ± 1.268 χ^2/NDF : 735.0/16

Left Out: 105.948 ± 6.484 χ^2/NDF : 0.0/0

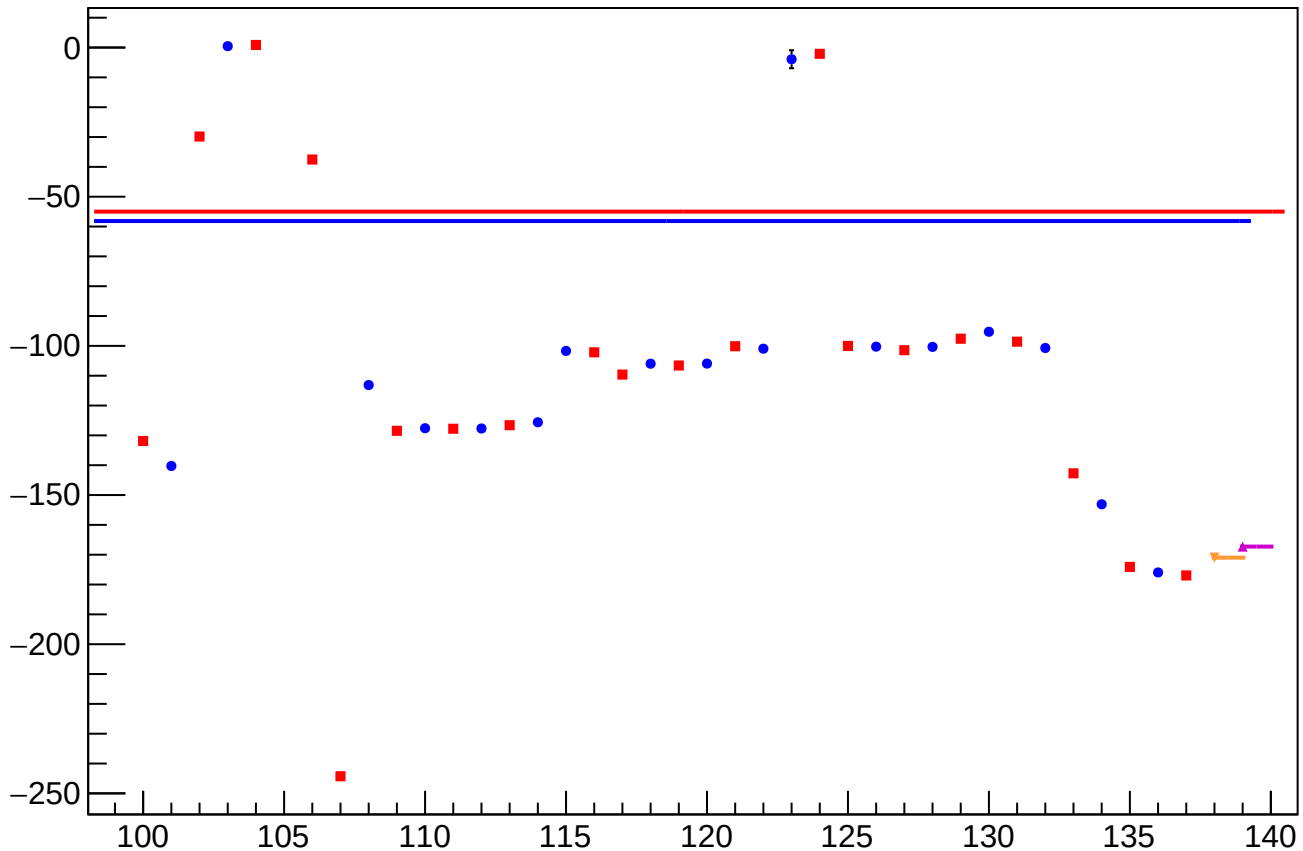
Right Out: 33.038 ± 1.251 χ^2/NDF : 554.5/19

Left In: 56.129 ± 12.578 χ^2/NDF : 0.0/0

42.616 ± 1.244 χ^2/NDF : 834.0/17

33.265 ± 1.245 χ^2/NDF : 557.8/20

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF : 1105509.3/16

Left Out: -170.990+/-0.244 χ^2/NDF : 0.0/0

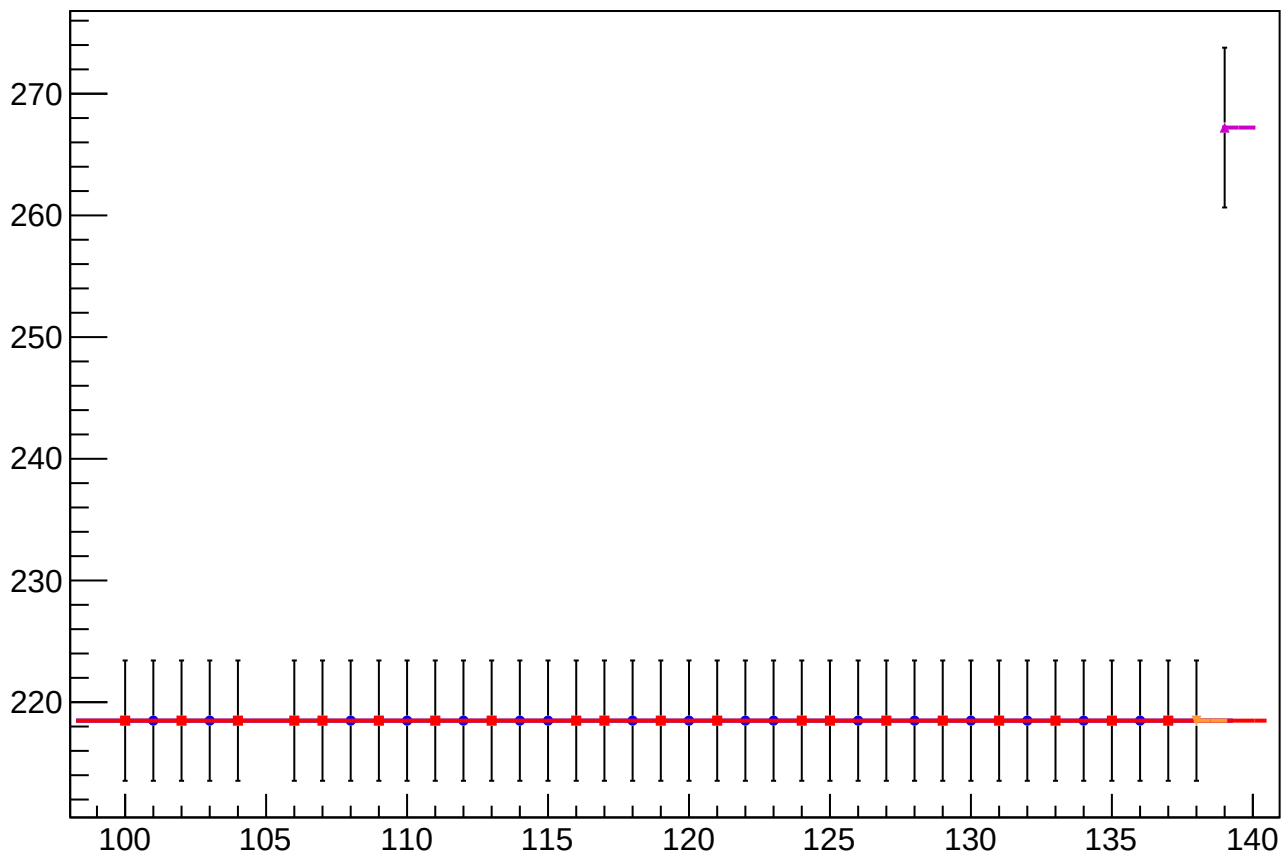
Right Out: -54.995+/-0.060 χ^2/NDF : 1005108.5/19

Left In: -167.278+/-0.276 χ^2/NDF : 0.0/0

-64.904+/-0.060 χ^2/NDF : 1306344.6/17

-60.093+/-0.059 χ^2/NDF : 1163161.0/20

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 218.484 $\pm$ 1.199 χ^2 /NDF: 0.0/16

Left Out: 218.484 $\pm$ 4.943 χ^2 /NDF: 0.0/0

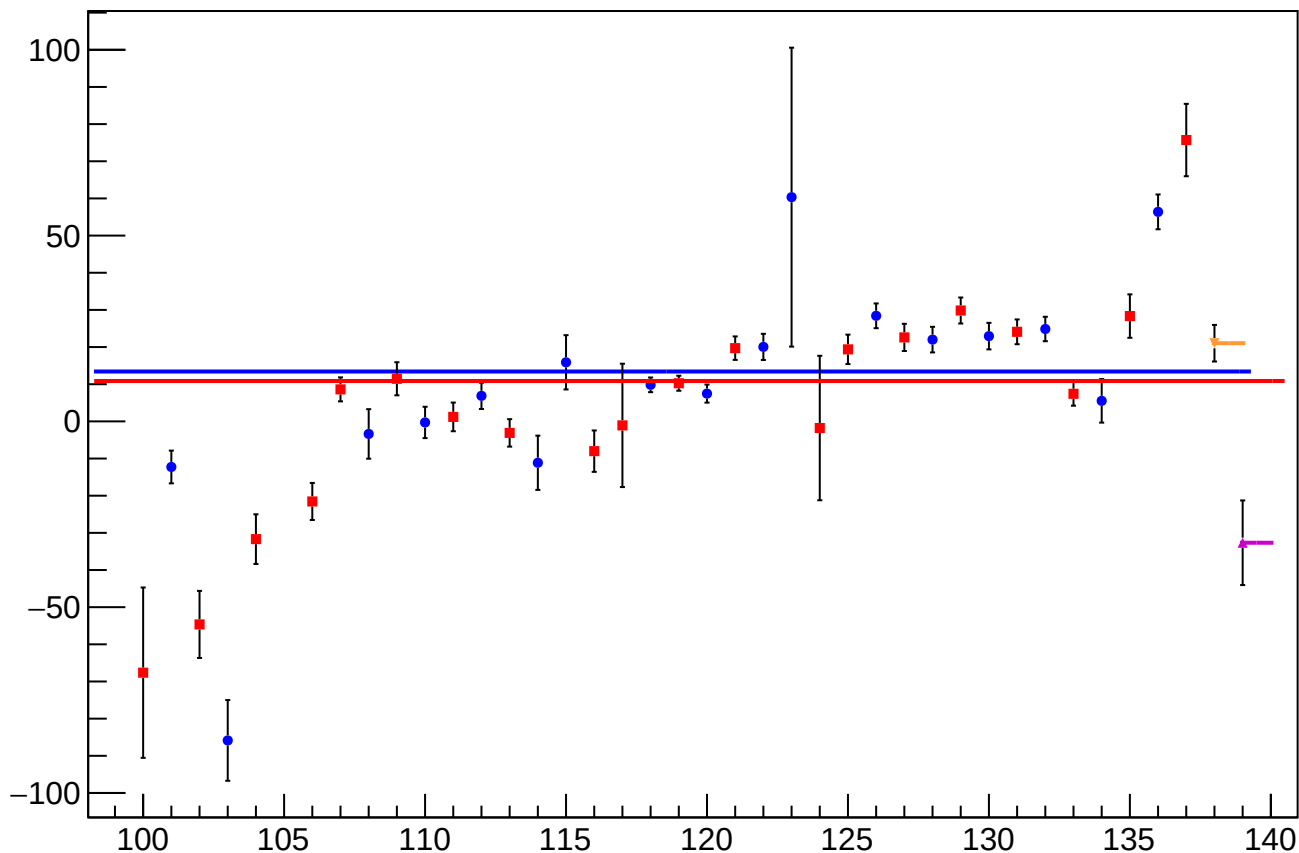
Right Out: 218.484 $\pm$ 1.105 χ^2 /NDF: 0.0/19

Left In: 267.217 $\pm$ 6.566 χ^2 /NDF: 0.0/0

218.484 $\pm$ 1.165 χ^2 /NDF: 0.0/17

219.827 $\pm$ 1.090 χ^2 /NDF: 53.6/20

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: 21.037+/-4.923 χ^2/NDF : 0.0/0

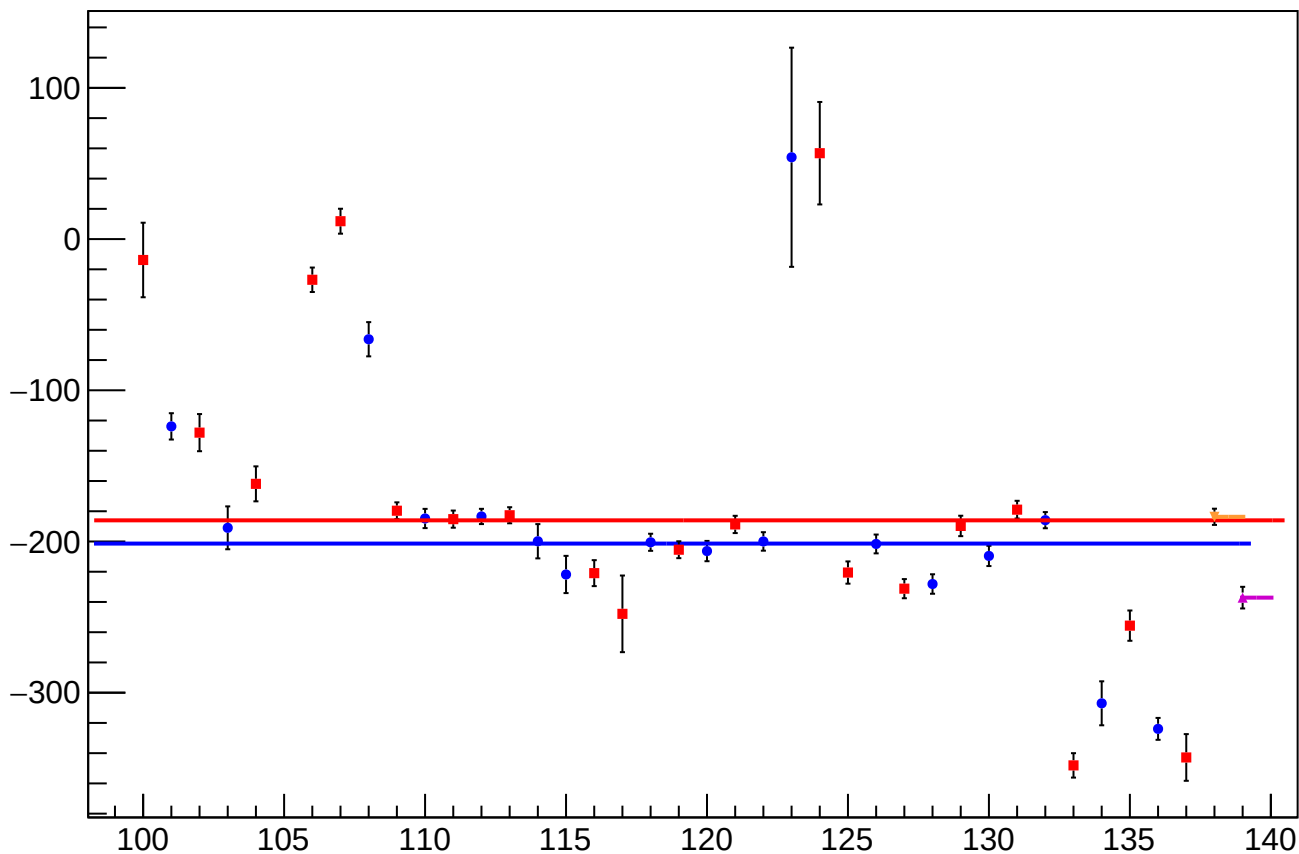
Right Out: 10.871+/-0.915 χ^2/NDF : 303.1/19

Left In: -32.662+/-11.385 χ^2/NDF : 0.0/0

13.679+/-0.904 χ^2/NDF : 297.5/17

10.592+/-0.912 χ^2/NDF : 317.6/20

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -183.674 ± 5.359 χ^2/NDF : 0.0/0

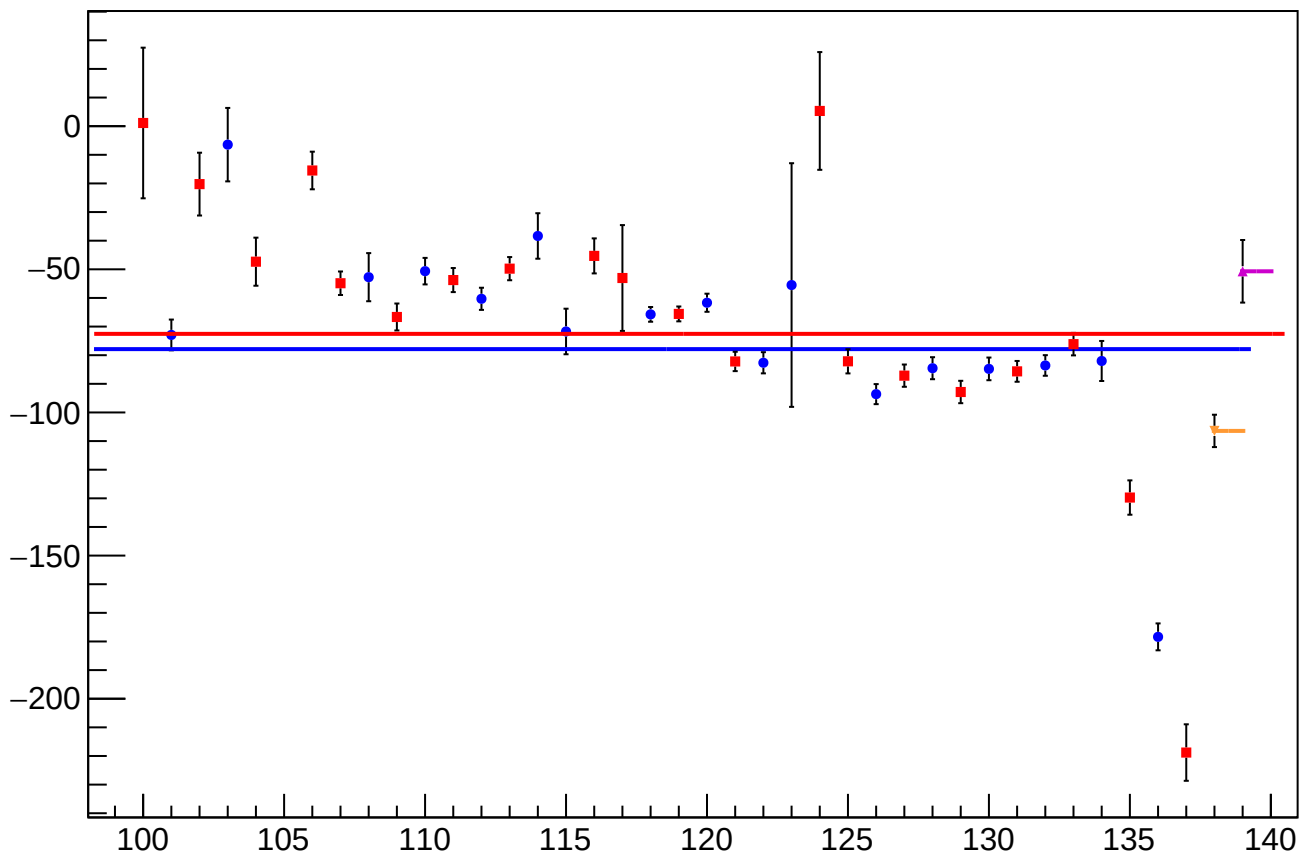
Right Out: -186.017 ± 1.696 χ^2/NDF : 1755.3/19

Left In: -237.137 ± 7.159 χ^2/NDF : 0.0/0

-199.625 ± 1.689 χ^2/NDF : 633.3/17

-188.734 ± 1.651 χ^2/NDF : 1803.6/20

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 $\chi^2/\text{NDF}: 658.2/16$

Left Out: -106.447 ± 5.654 $\chi^2/\text{NDF}: 0.0/0$

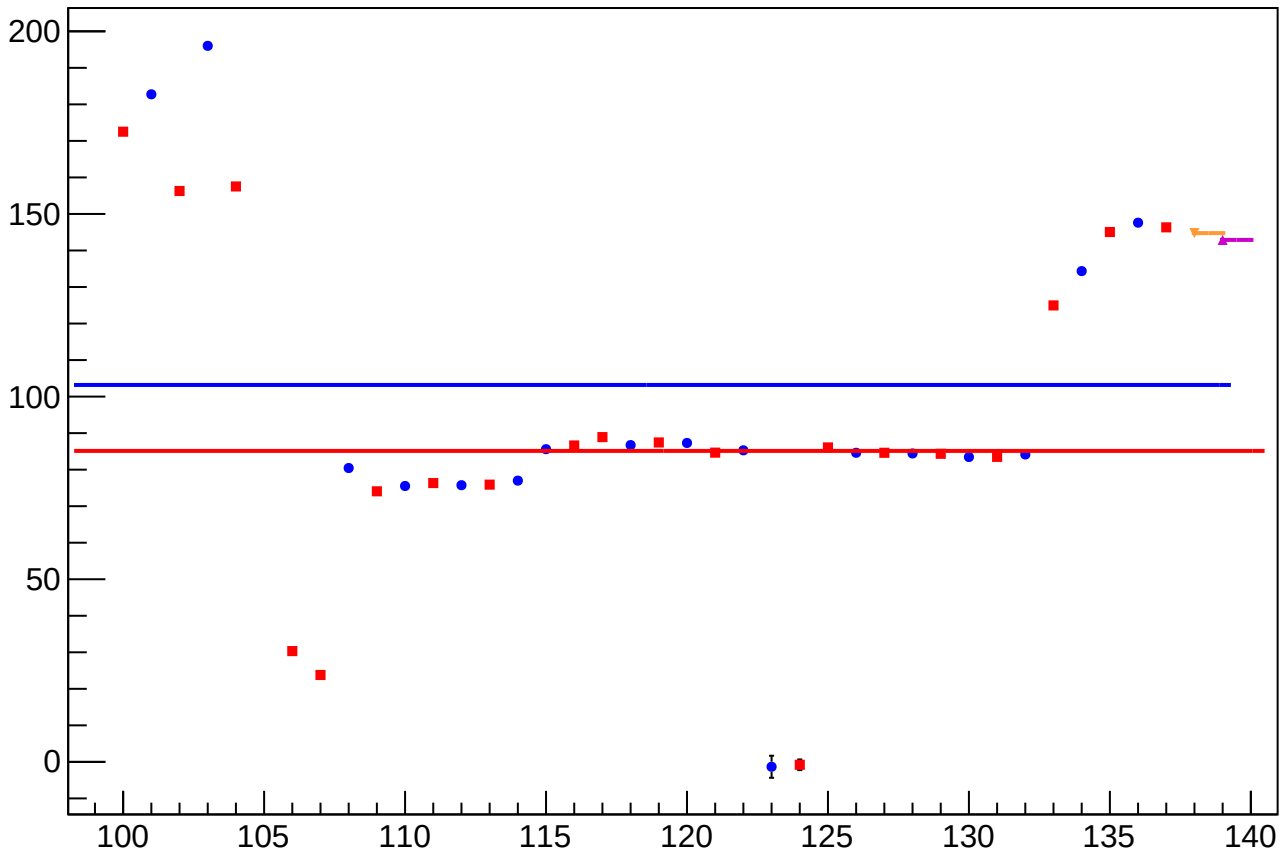
Right Out: -72.548 ± 1.052 $\chi^2/\text{NDF}: 608.0/19$

Left In: -50.694 ± 10.934 $\chi^2/\text{NDF}: 0.0/0$

-78.857 ± 1.047 $\chi^2/\text{NDF}: 682.8/17$

-72.348 ± 1.047 $\chi^2/\text{NDF}: 612.0/20$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 144.759 $\pm$ 0.212 χ^2 /NDF: 0.0/0

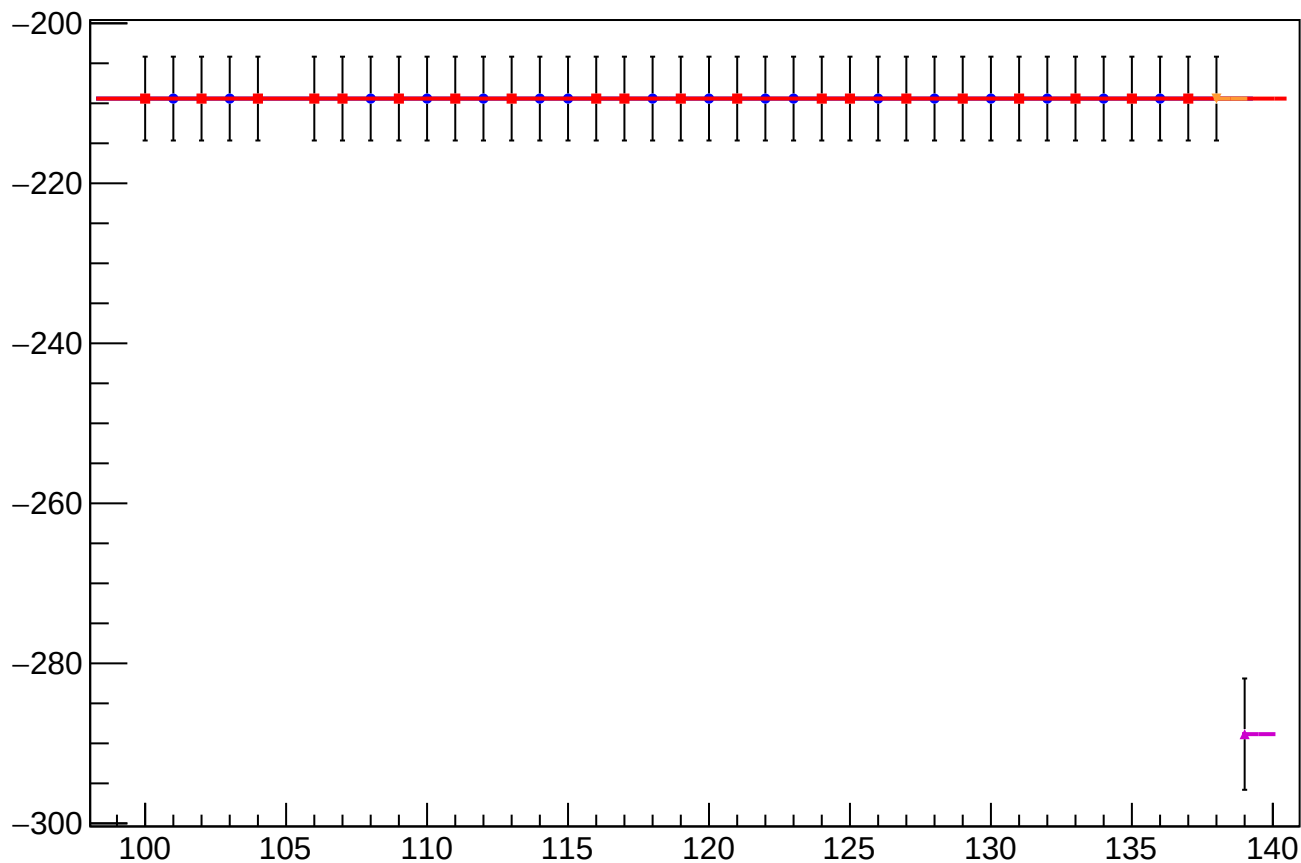
Right Out: 85.132 $\pm$ 0.064 χ^2 /NDF: 423532.0/19

Left In: 142.895 $\pm$ 0.240 χ^2 /NDF: 0.0/0

107.300 $\pm$ 0.067 χ^2 /NDF: 308141.1/17

88.928 $\pm$ 0.062 χ^2 /NDF: 477685.3/20

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -209.411+/-1.271 χ^2/NDF : 0.0/16

Left Out: -209.411+/-5.239 χ^2/NDF : 0.0/0

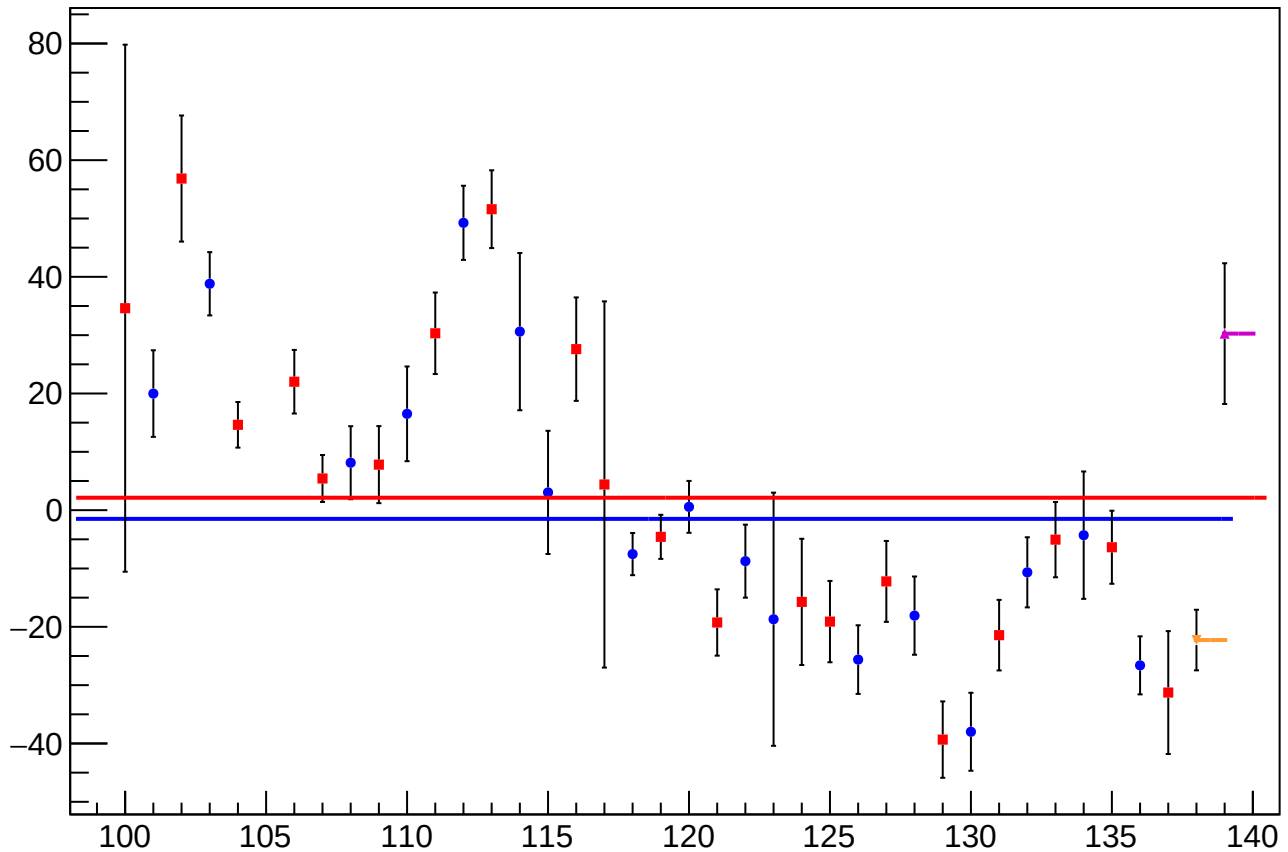
Right Out: -209.411+/-1.172 χ^2/NDF : 0.0/19

Left In: -288.846+/-6.957 χ^2/NDF : 0.0/0

-209.411+/-1.235 χ^2/NDF : 0.0/17

-211.602+/-1.155 χ^2/NDF : 126.8/20

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492 ± 1.513 χ^2/NDF : 226.1/16

Left Out: -22.268 ± 5.195 χ^2/NDF : 0.0/0

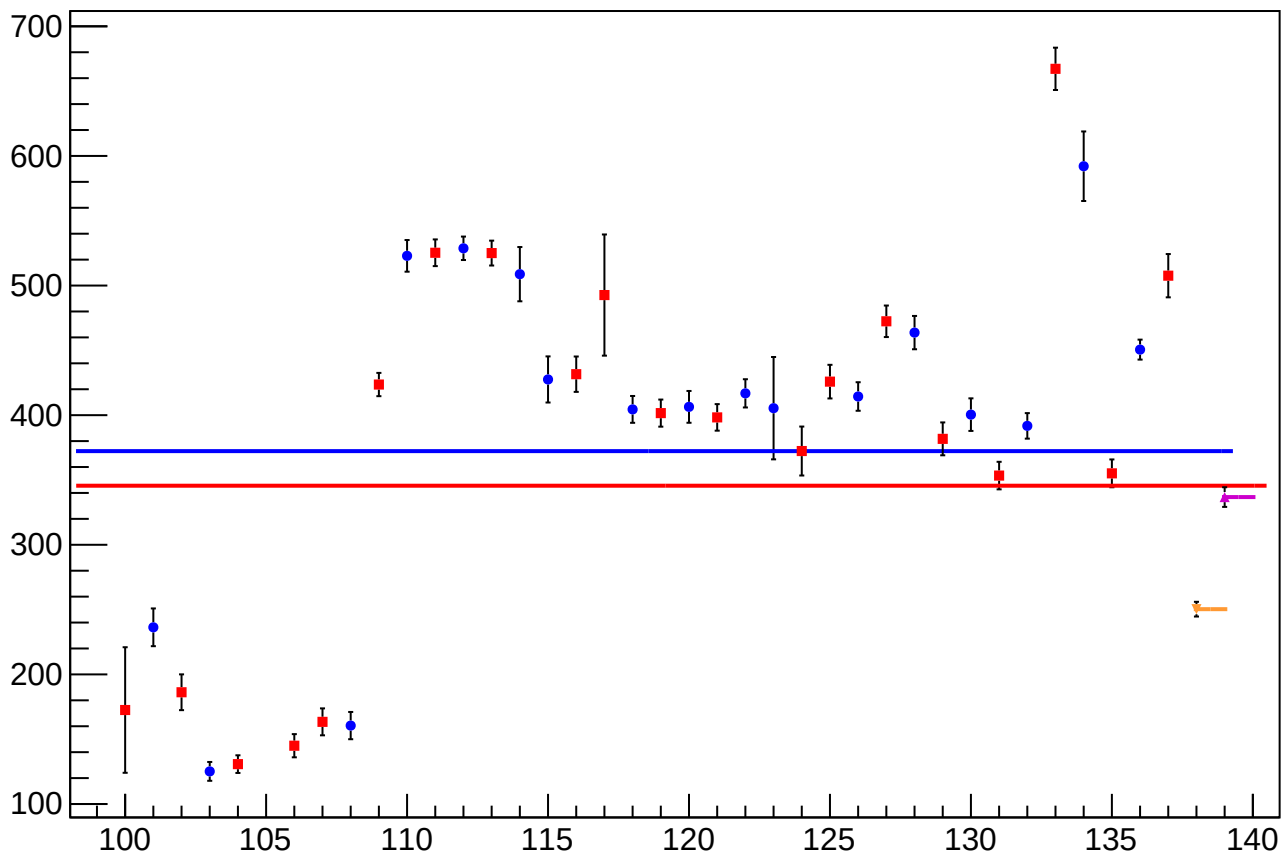
Right Out: 2.131 ± 1.401 χ^2/NDF : 232.6/19

Left In: 30.265 ± 12.062 χ^2/NDF : 0.0/0

-3.117 ± 1.453 χ^2/NDF : 240.8/17

2.506 ± 1.392 χ^2/NDF : 238.0/20

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF : 2433.1/16

Left Out: 250.327+/-5.680 χ^2/NDF : 0.0/0

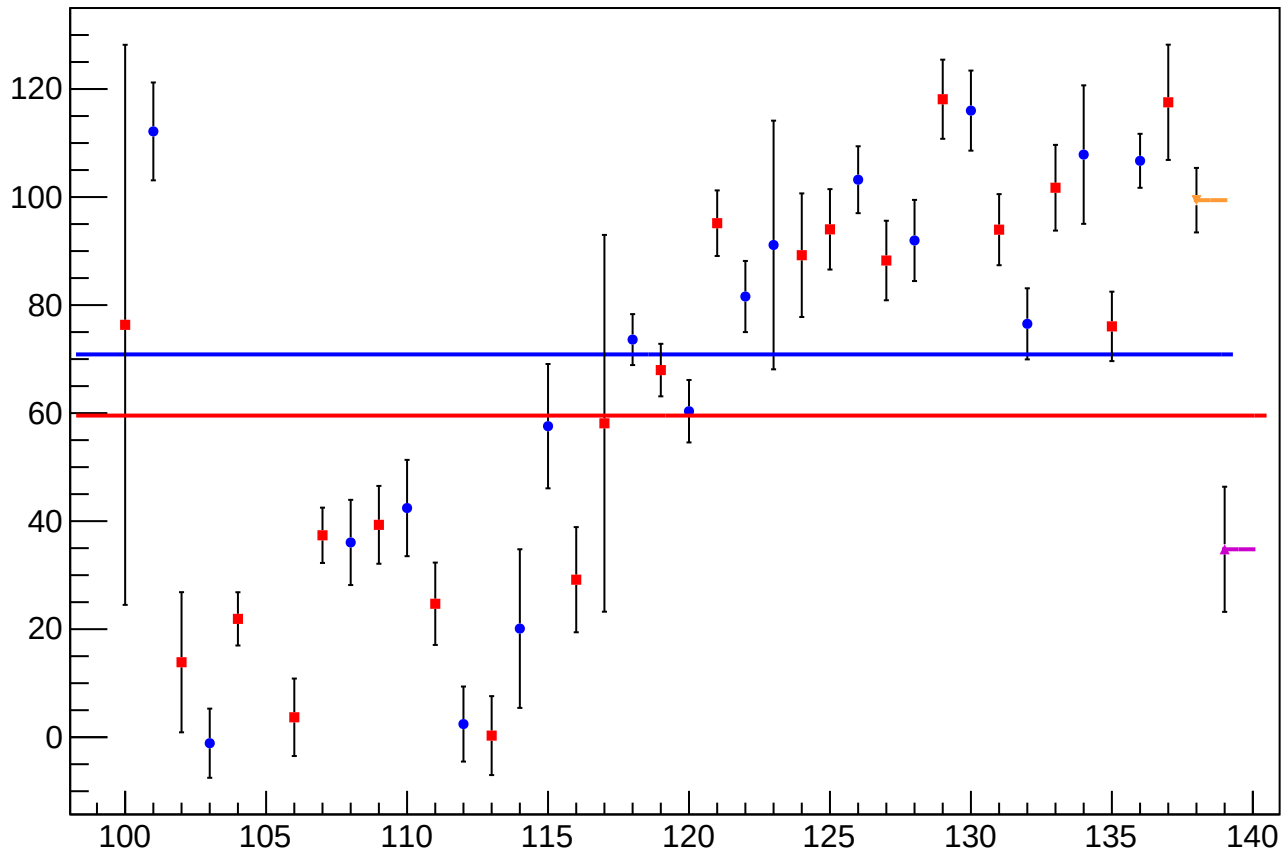
Right Out: 345.577+/-2.558 χ^2/NDF : 3426.4/19

Left In: 336.813+/-7.585 χ^2/NDF : 0.0/0

348.976+/-2.482 χ^2/NDF : 2806.0/17

344.682+/-2.424 χ^2/NDF : 3427.6/20

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 +/- 1.743 χ^2/NDF : 427.0/16

Left Out: 99.422 +/- 5.973 χ^2/NDF : 0.0/0

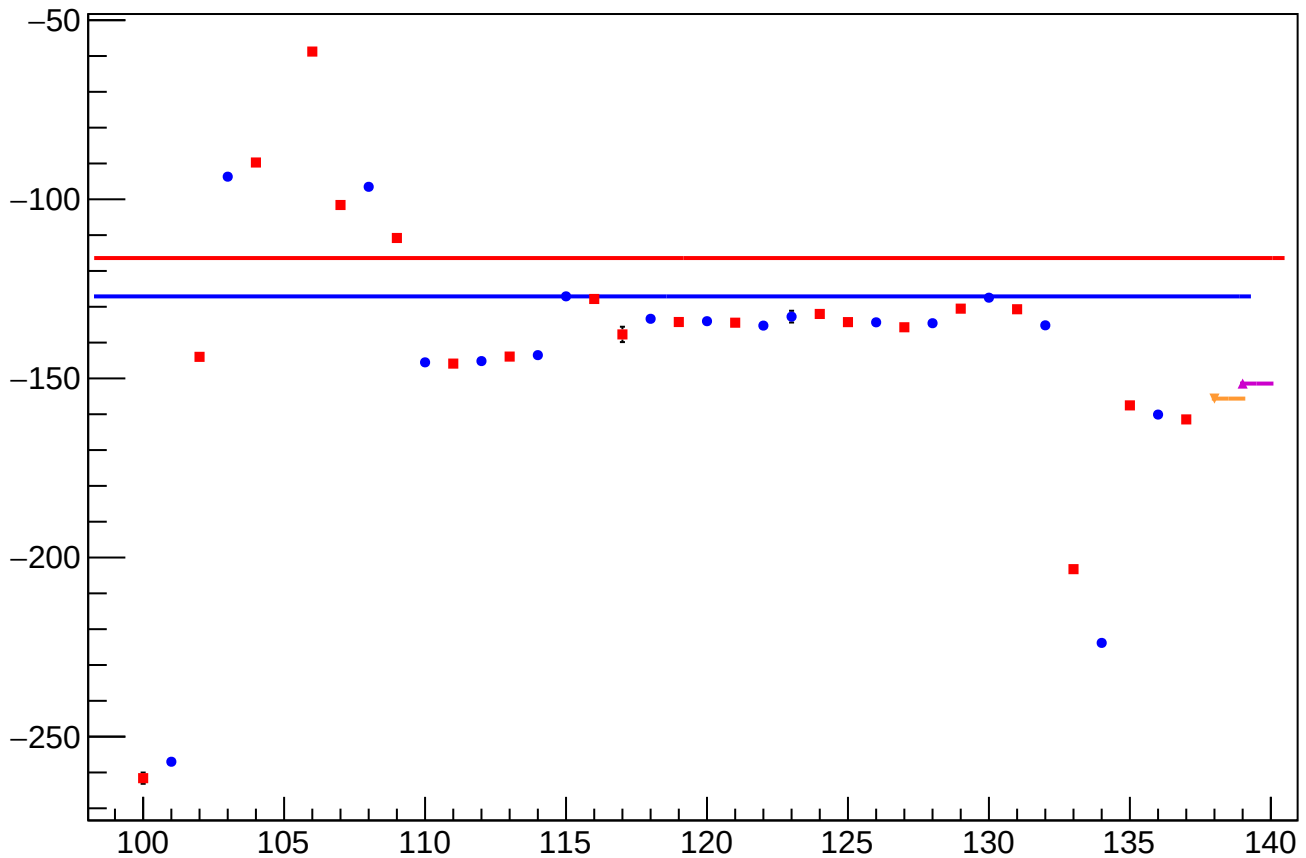
Right Out: 59.543 +/- 1.631 χ^2/NDF : 490.9/19

Left In: 34.787 +/- 11.584 χ^2/NDF : 0.0/0

73.108 +/- 1.673 χ^2/NDF : 448.0/17

59.061 +/- 1.615 χ^2/NDF : 495.4/20

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF : 167064.7/16

Left Out: -155.633+/-0.225 χ^2/NDF : 0.0/0

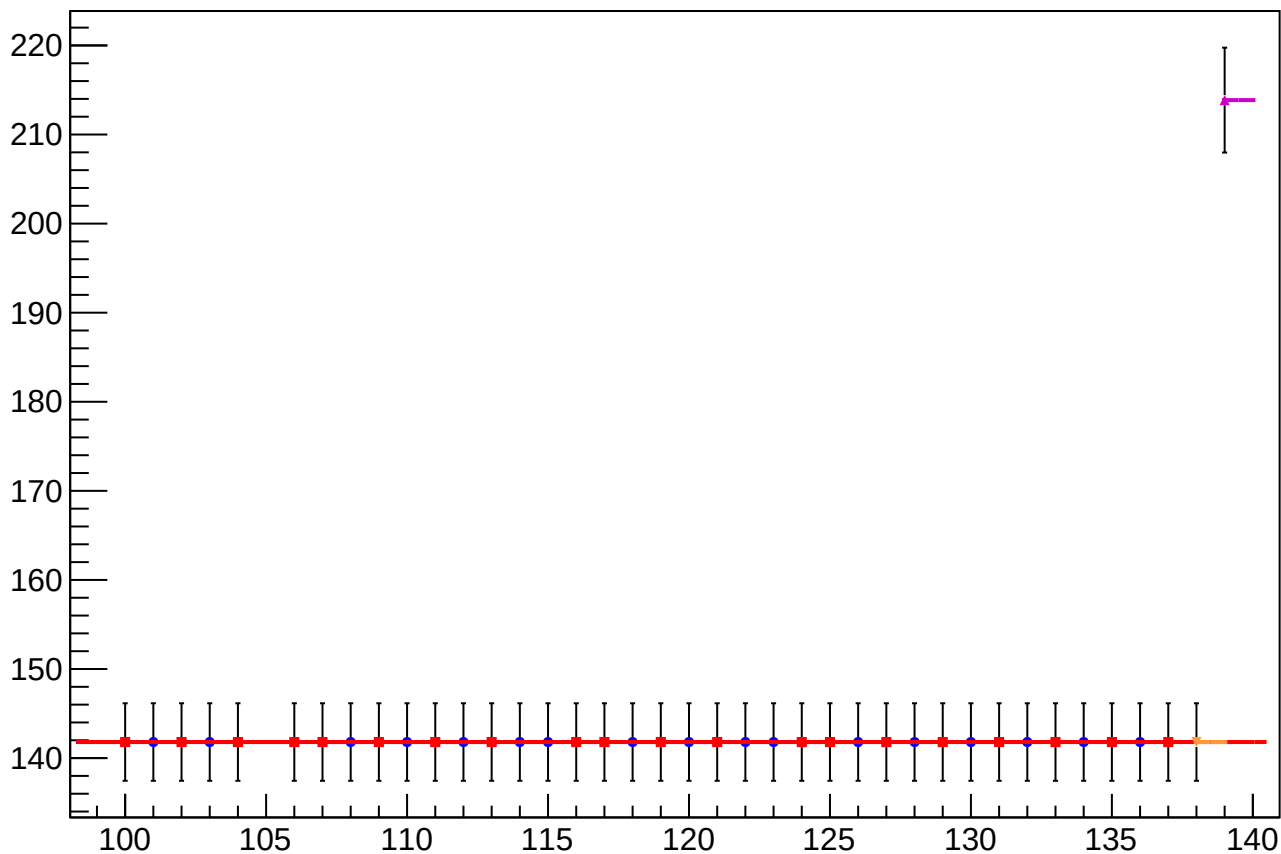
Right Out: -116.401+/-0.083 χ^2/NDF : 167694.5/19

Left In: -151.440+/-0.254 χ^2/NDF : 0.0/0

-130.984+/-0.083 χ^2/NDF : 180901.4/17

-119.771+/-0.079 χ^2/NDF : 184893.1/20

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 141.803 $\pm$ 1.055 χ^2 /NDF: 0.0/16

Left Out: 141.803 $\pm$ 4.352 χ^2 /NDF: 0.0/0

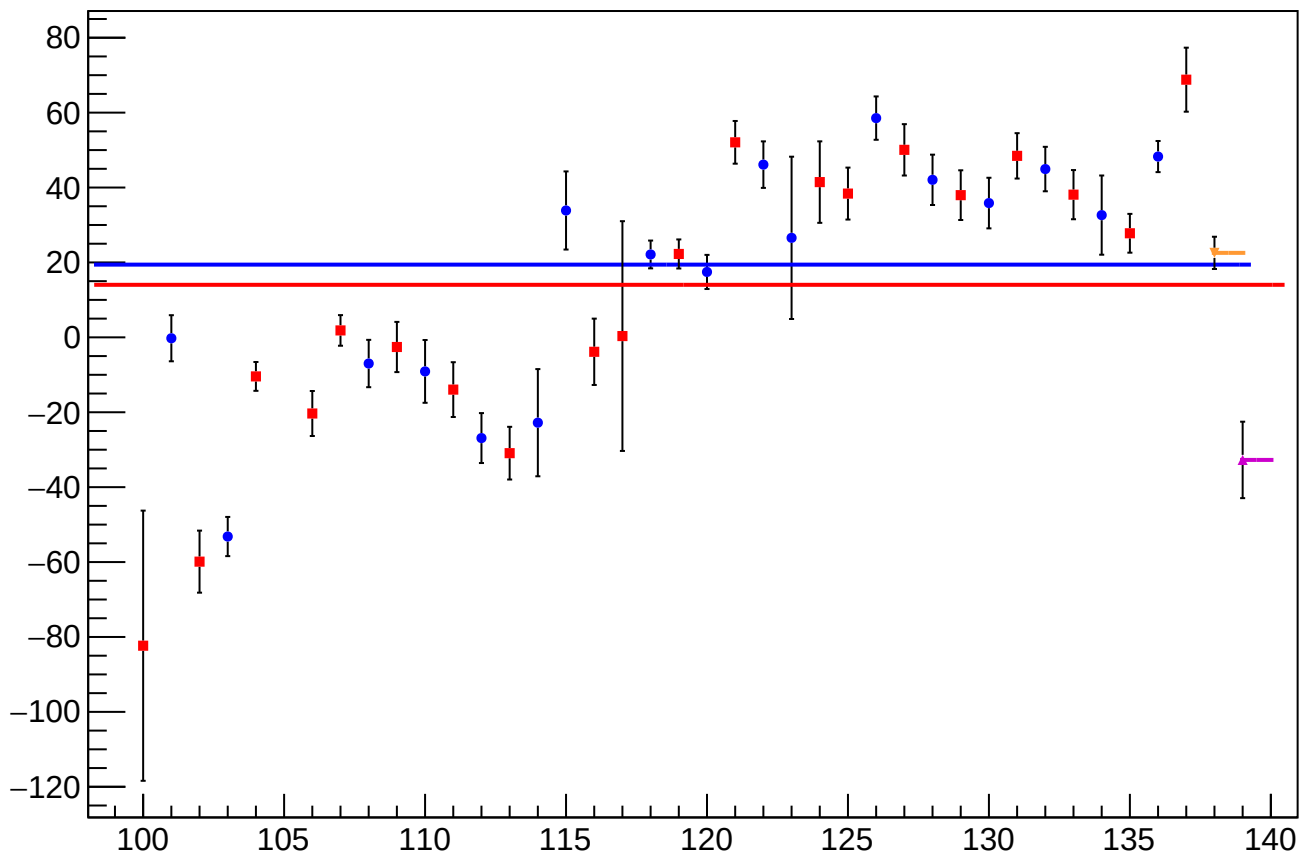
Right Out: 141.803 $\pm$ 0.973 χ^2 /NDF: 0.0/19

Left In: 213.864 $\pm$ 5.886 χ^2 /NDF: 0.0/0

141.803 $\pm$ 1.026 χ^2 /NDF: 0.0/17

143.720 $\pm$ 0.960 χ^2 /NDF: 145.9/20

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: 22.557 ± 4.306 χ^2/NDF : 0.0/0

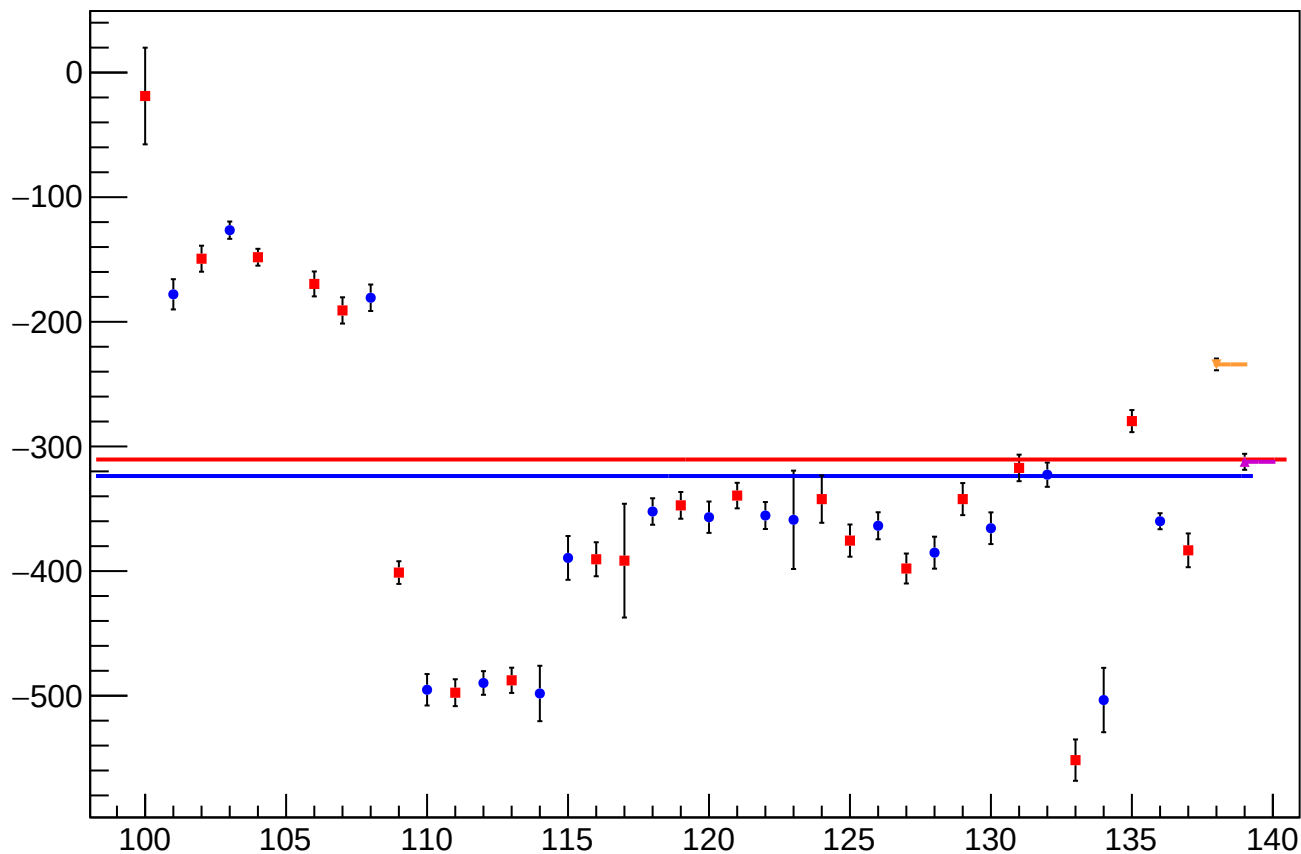
Right Out: 14.027 ± 1.391 χ^2/NDF : 436.7/19

Left In: -32.727 ± 10.206 χ^2/NDF : 0.0/0

19.748 ± 1.399 χ^2/NDF : 441.6/17

13.175 ± 1.378 χ^2/NDF : 457.3/20

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -234.175 ± 4.717 χ^2/NDF : 0.0/0

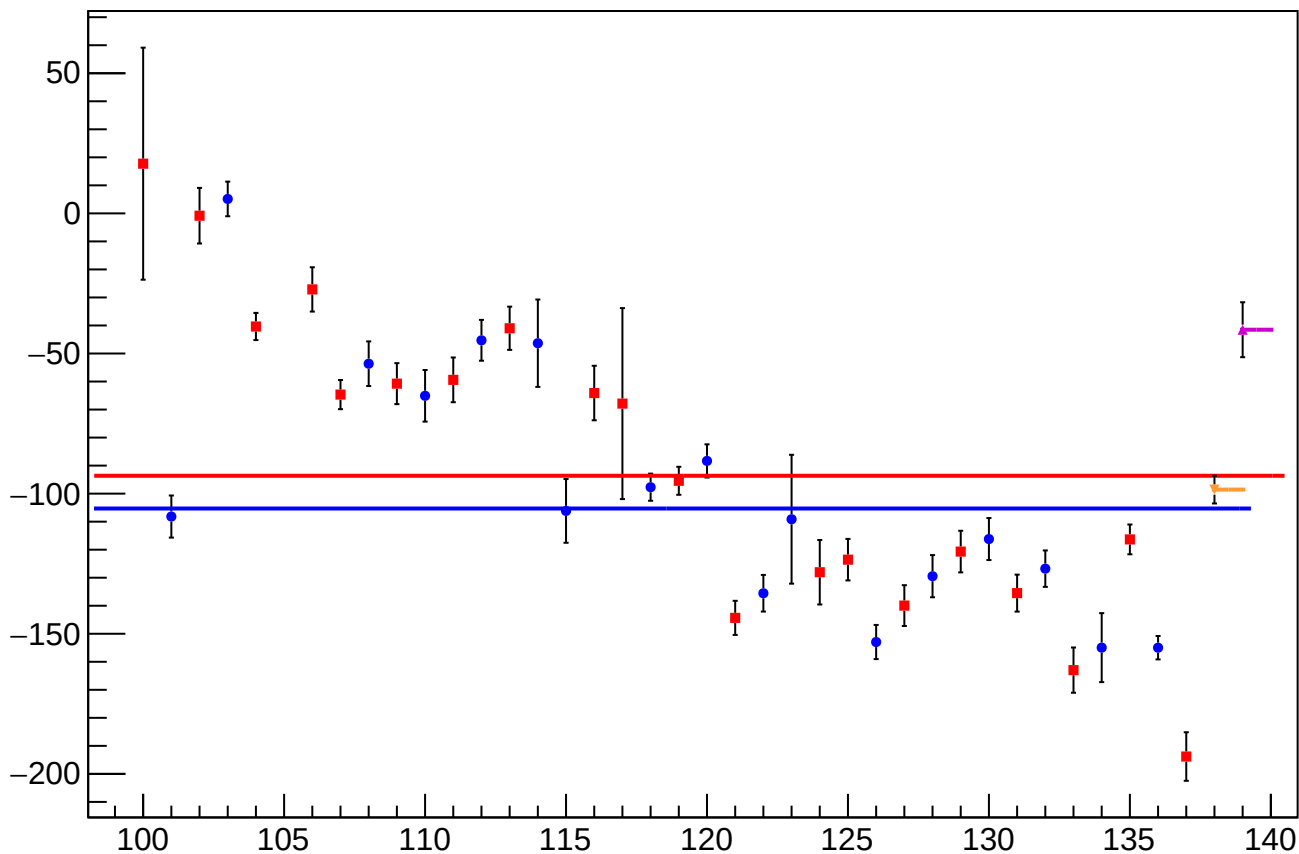
Right Out: -310.471 ± 2.519 χ^2/NDF : 2303.1/19

Left In: -312.321 ± 6.418 χ^2/NDF : 0.0/0

-302.019 ± 2.322 χ^2/NDF : 2123.8/17

-310.718 ± 2.345 χ^2/NDF : 2303.2/20

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF : 737.5/16

Left Out: -98.557+/-4.951 χ^2/NDF : 0.0/0

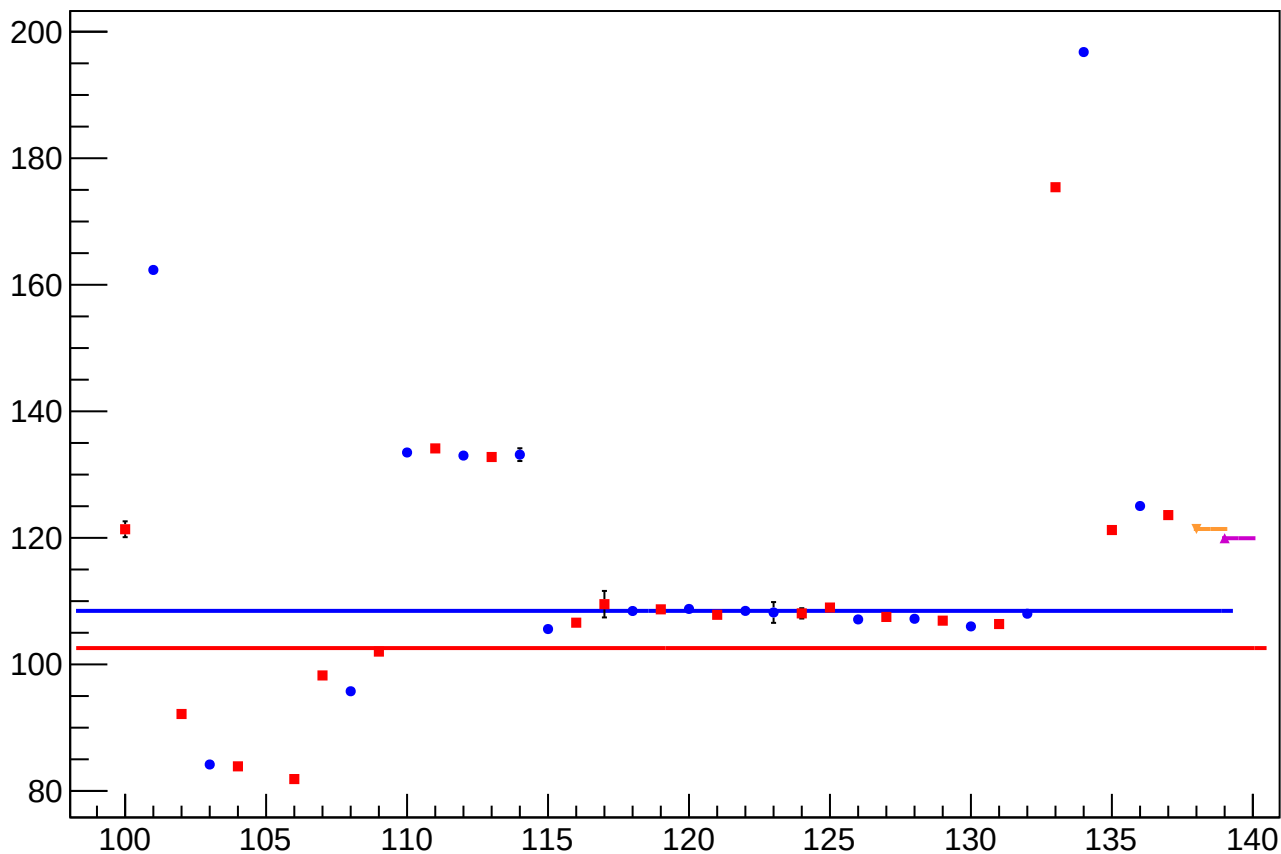
Right Out: -93.622+/-1.610 χ^2/NDF : 827.1/19

Left In: -41.513+/-9.801 χ^2/NDF : 0.0/0

-104.602+/-1.602 χ^2/NDF : 739.2/17

-92.254+/-1.588 χ^2/NDF : 854.6/20

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF : 73302.1/16

Left Out: 121.402+/-0.187 χ^2/NDF : 0.0/0

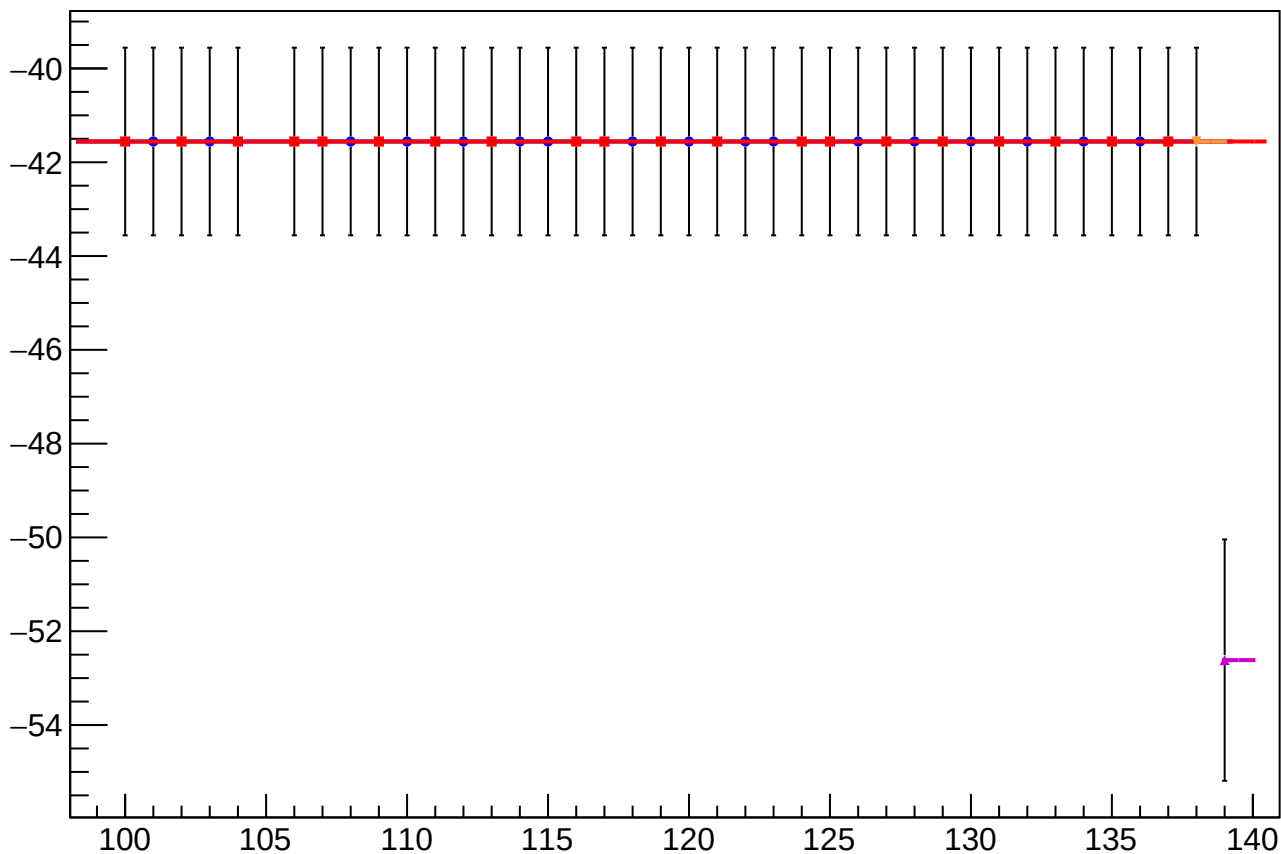
Right Out: 102.580+/-0.079 χ^2/NDF : 53154.7/19

Left In: 119.942+/-0.215 χ^2/NDF : 0.0/0

110.658+/-0.077 χ^2/NDF : 77263.2/17

104.664+/-0.074 χ^2/NDF : 58894.8/20

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -41.558 $\pm$ 0.485 χ^2 /NDF: 0.0/16

Left Out: -41.558 $\pm$ 2.001 χ^2 /NDF: 0.0/0

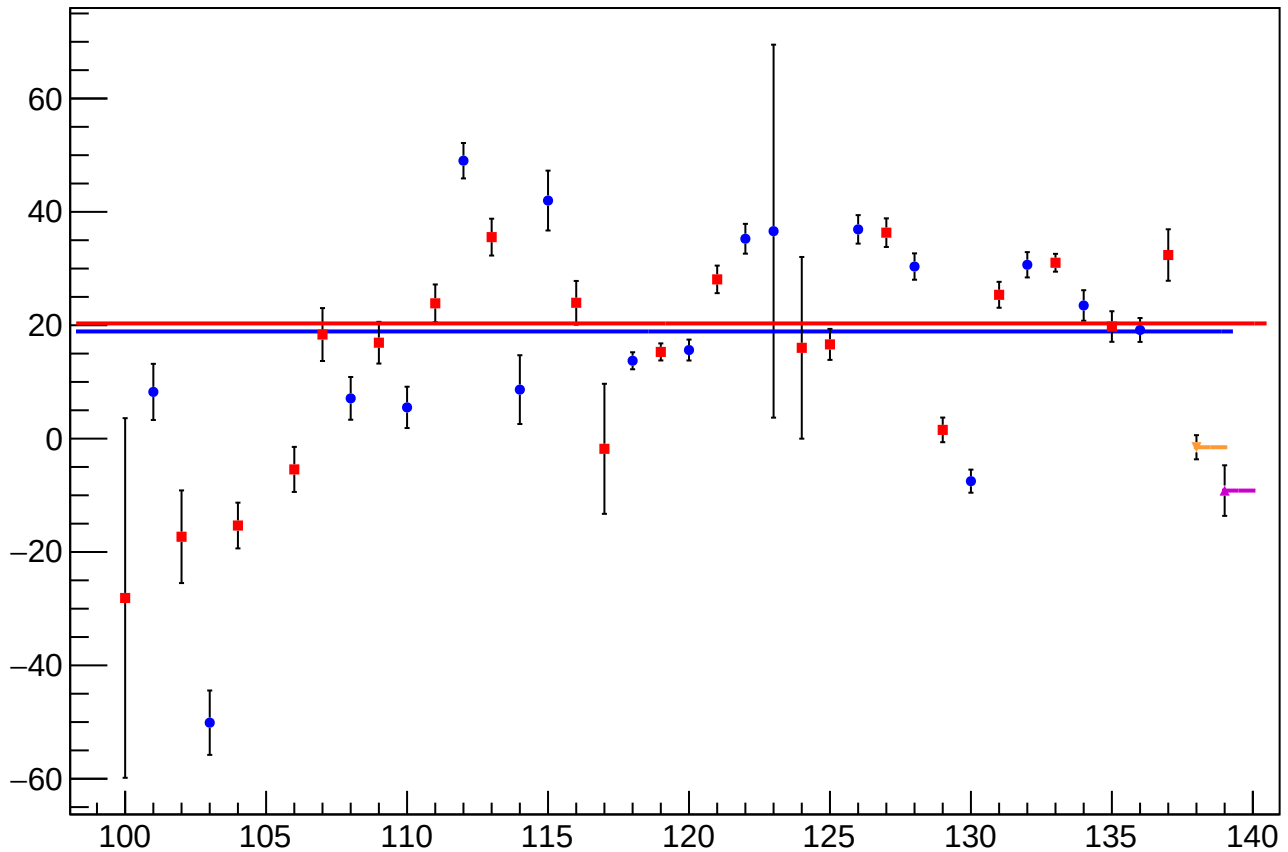
Right Out: -41.558 $\pm$ 0.447 χ^2 /NDF: 0.0/19

Left In: -52.616 $\pm$ 2.573 χ^2 /NDF: 0.0/0

-41.558 $\pm$ 0.472 χ^2 /NDF: 0.0/17

-41.882 $\pm$ 0.441 χ^2 /NDF: 17.9/20

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 ± 0.644 χ^2/NDF : 618.9/16

Left Out: -1.521 ± 2.130 χ^2/NDF : 0.0/0

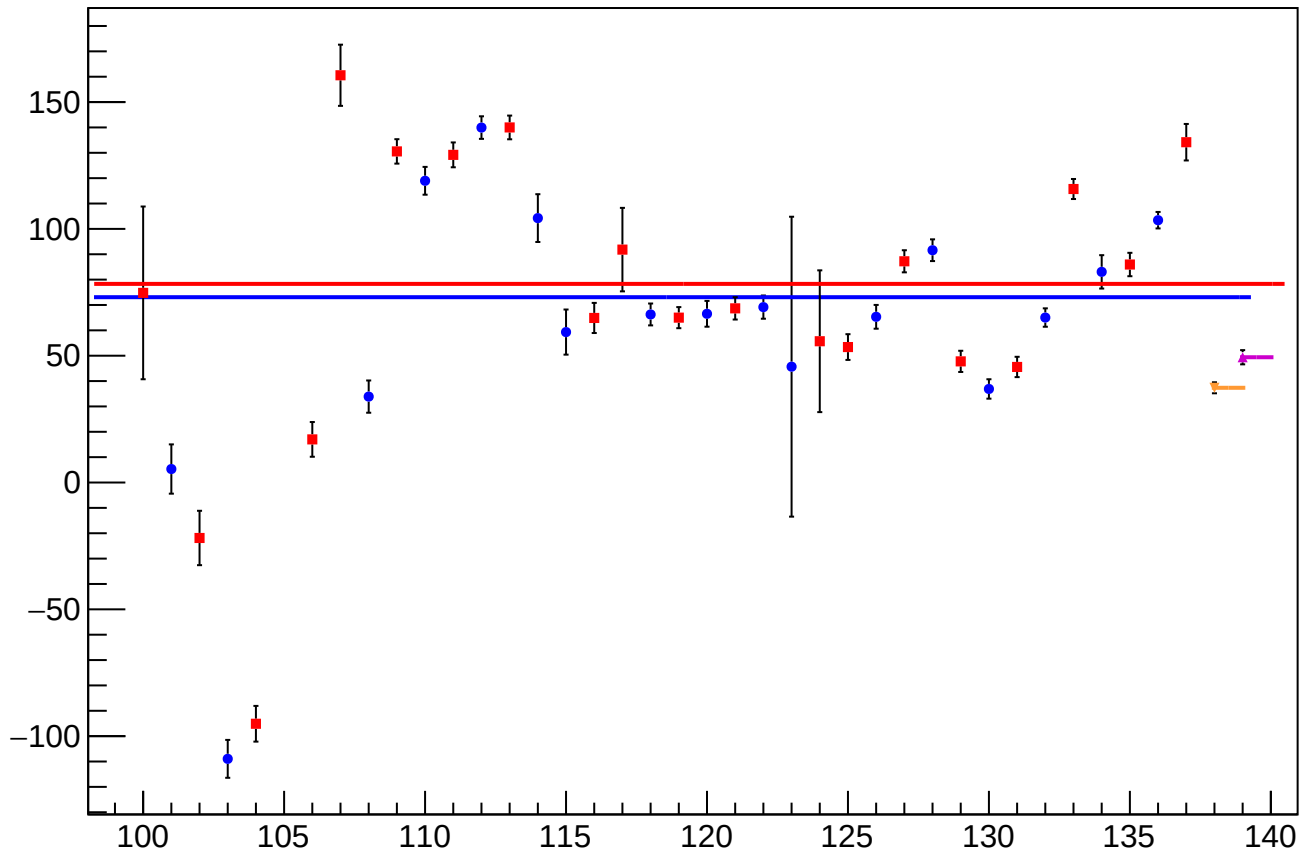
Right Out: 20.320 ± 0.643 χ^2/NDF : 369.0/19

Left In: -9.167 ± 4.461 χ^2/NDF : 0.0/0

17.197 ± 0.616 χ^2/NDF : 703.2/17

19.720 ± 0.636 χ^2/NDF : 411.8/20

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 ± 1.228 $\chi^2/\text{NDF}: 1200.0/16$

Left Out: 37.350 ± 2.170 $\chi^2/\text{NDF}: 0.0/0$

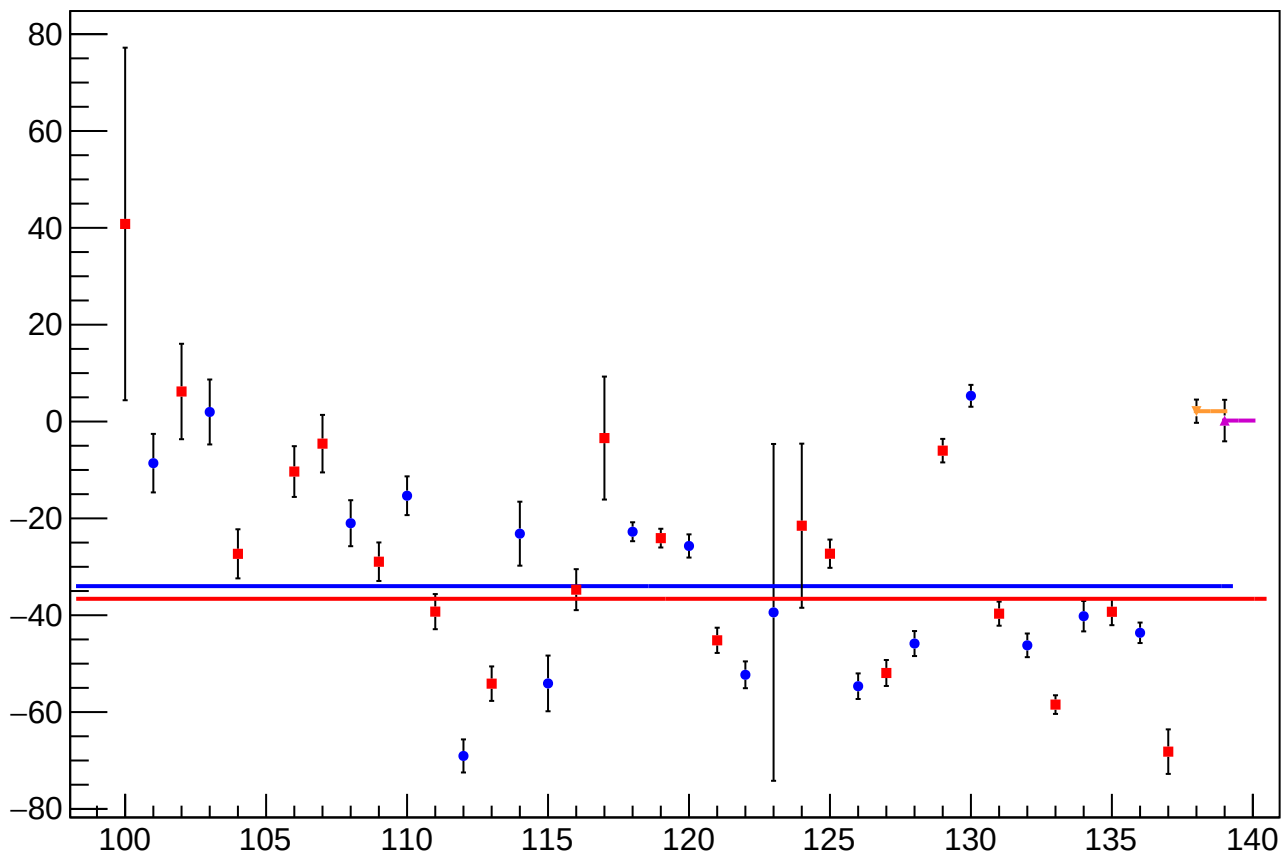
Right Out: 78.316 ± 1.219 $\chi^2/\text{NDF}: 1543.3/19$

Left In: 49.395 ± 2.806 $\chi^2/\text{NDF}: 0.0/0$

64.409 ± 1.069 $\chi^2/\text{NDF}: 1405.2/17$

73.722 ± 1.118 $\chi^2/\text{NDF}: 1632.7/20$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: 2.136 ± 2.401 χ^2/NDF : 0.0/0

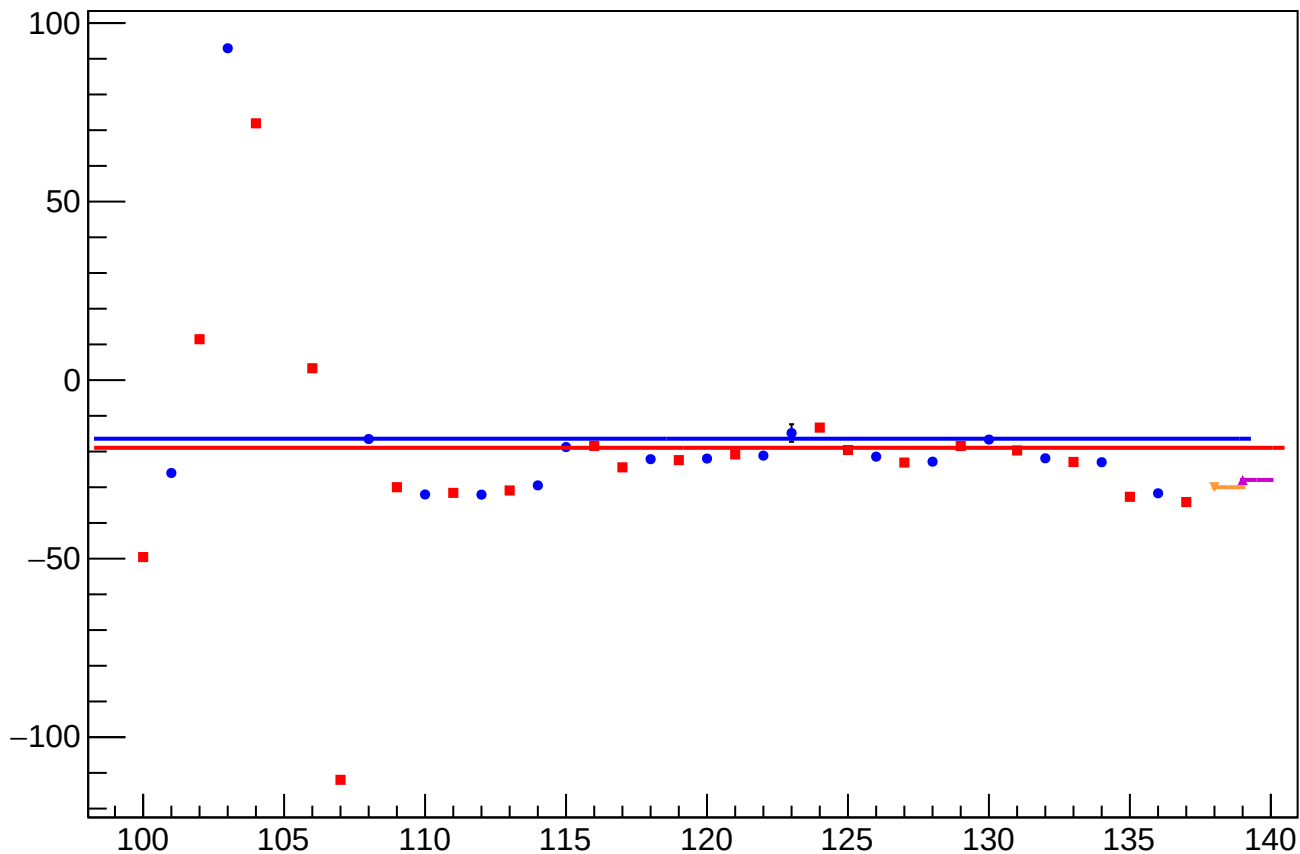
Right Out: -36.607 ± 0.736 χ^2/NDF : 549.8/19

Left In: 0.201 ± 4.284 χ^2/NDF : 0.0/0

-30.886 ± 0.704 χ^2/NDF : 926.7/17

-35.554 ± 0.725 χ^2/NDF : 621.5/20

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -29.993 ± 0.084 $\chi^2/\text{NDF}: 0.0/0$

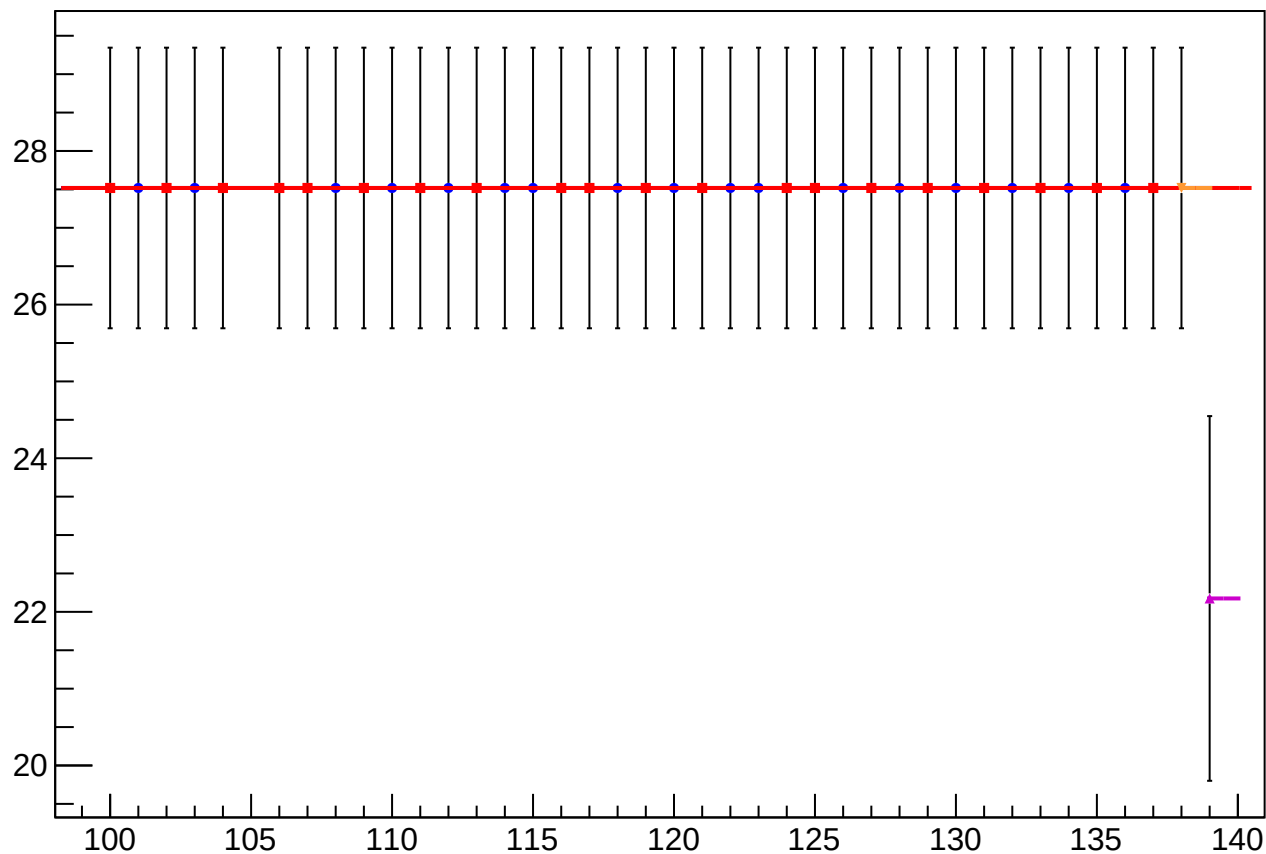
Right Out: -18.954 ± 0.045 $\chi^2/\text{NDF}: 434204.7/19$

Left In: -27.953 ± 0.094 $\chi^2/\text{NDF}: 0.0/0$

-19.352 ± 0.039 $\chi^2/\text{NDF}: 494638.0/17$

-20.642 ± 0.041 $\chi^2/\text{NDF}: 441657.1/20$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 27.518 $\pm$ 0.443 χ^2 /NDF: 0.0/16

Left Out: 27.518 $\pm$ 1.827 χ^2 /NDF: 0.0/0

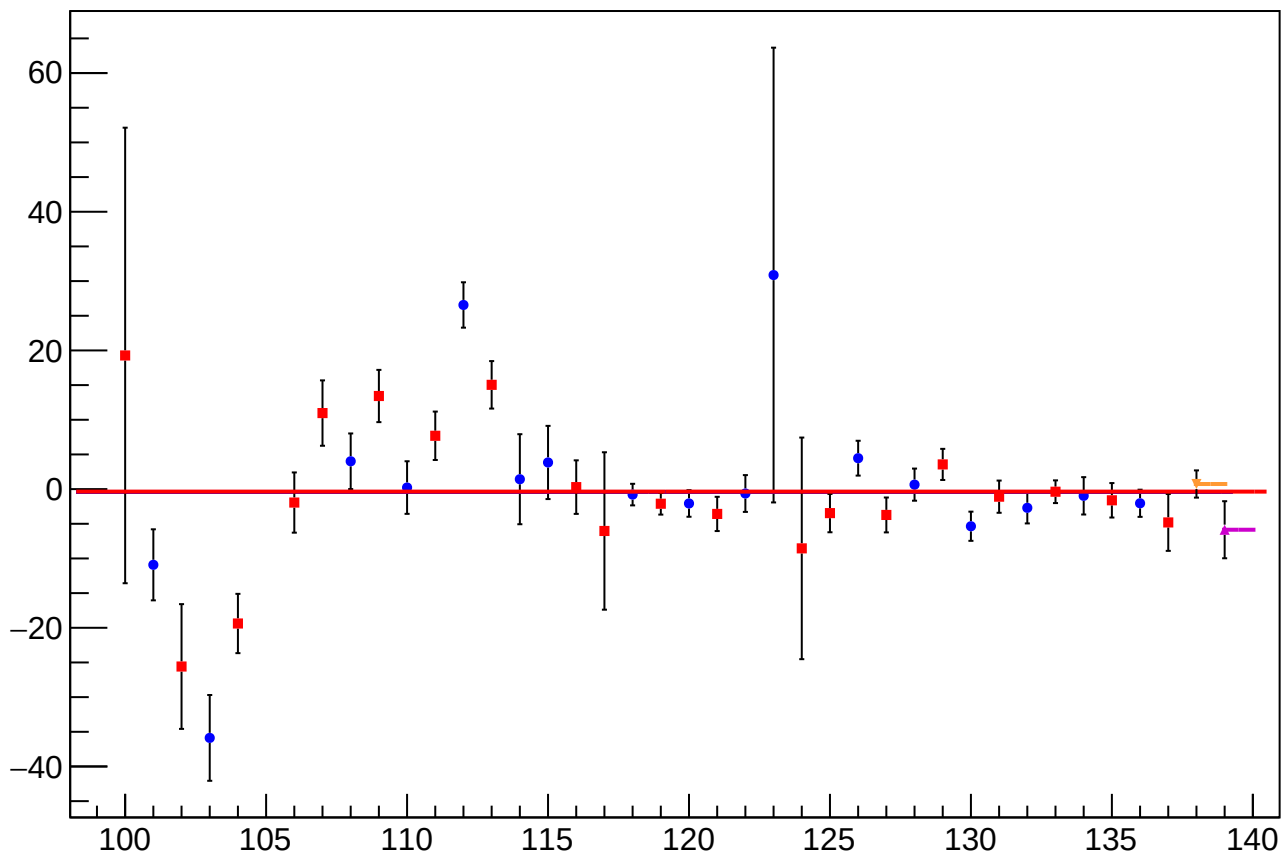
Right Out: 27.518 $\pm$ 0.408 χ^2 /NDF: 0.0/19

Left In: 22.175 $\pm$ 2.374 χ^2 /NDF: 0.0/0

27.518 $\pm$ 0.431 χ^2 /NDF: 0.0/17

27.365 $\pm$ 0.403 χ^2 /NDF: 4.9/20

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: 0.736 ± 1.964 χ^2/NDF : 0.0/0

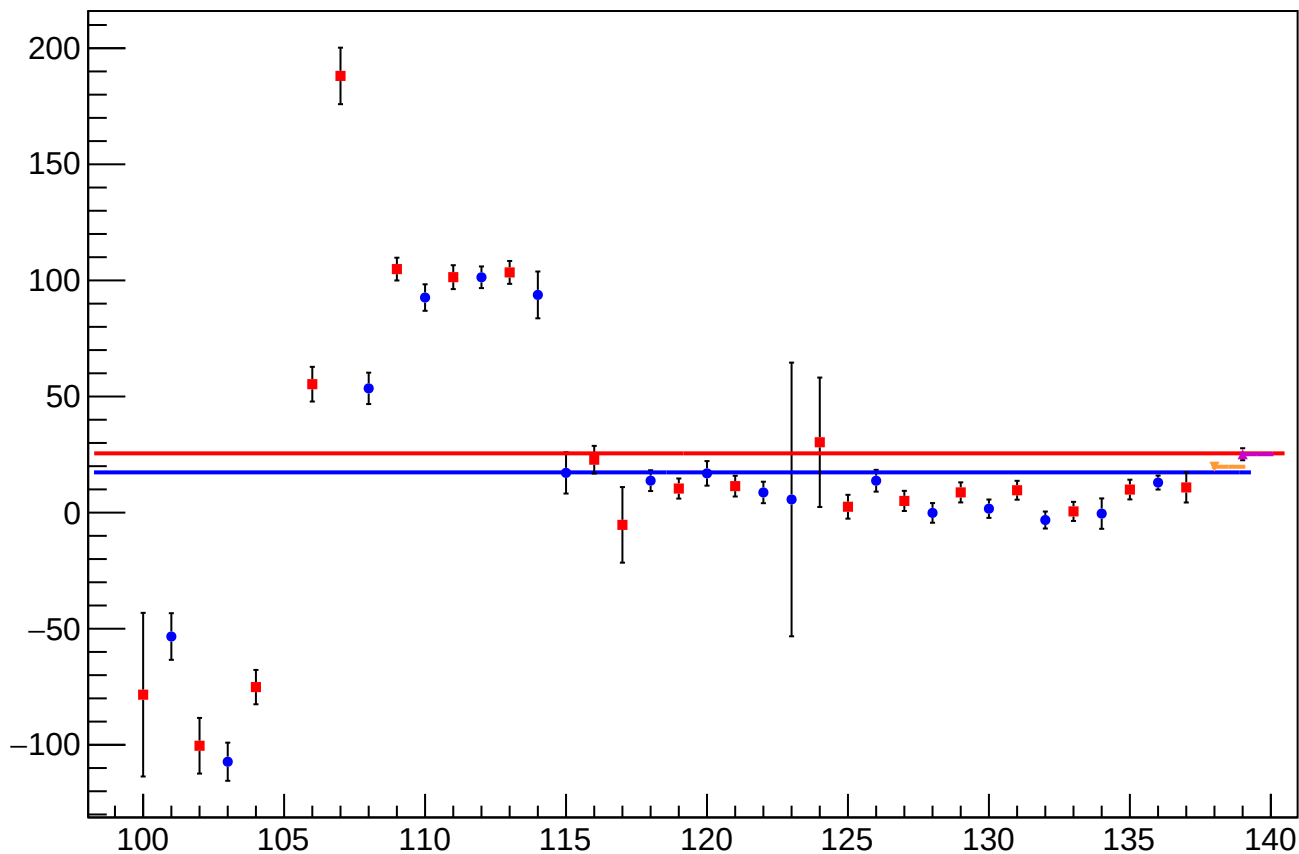
Right Out: -0.361 ± 0.656 χ^2/NDF : 84.0/19

Left In: -5.859 ± 4.115 χ^2/NDF : 0.0/0

-0.299 ± 0.620 χ^2/NDF : 120.2/17

-0.498 ± 0.648 χ^2/NDF : 85.7/20

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 19.756+/-1.981 χ^2/NDF : 0.0/0

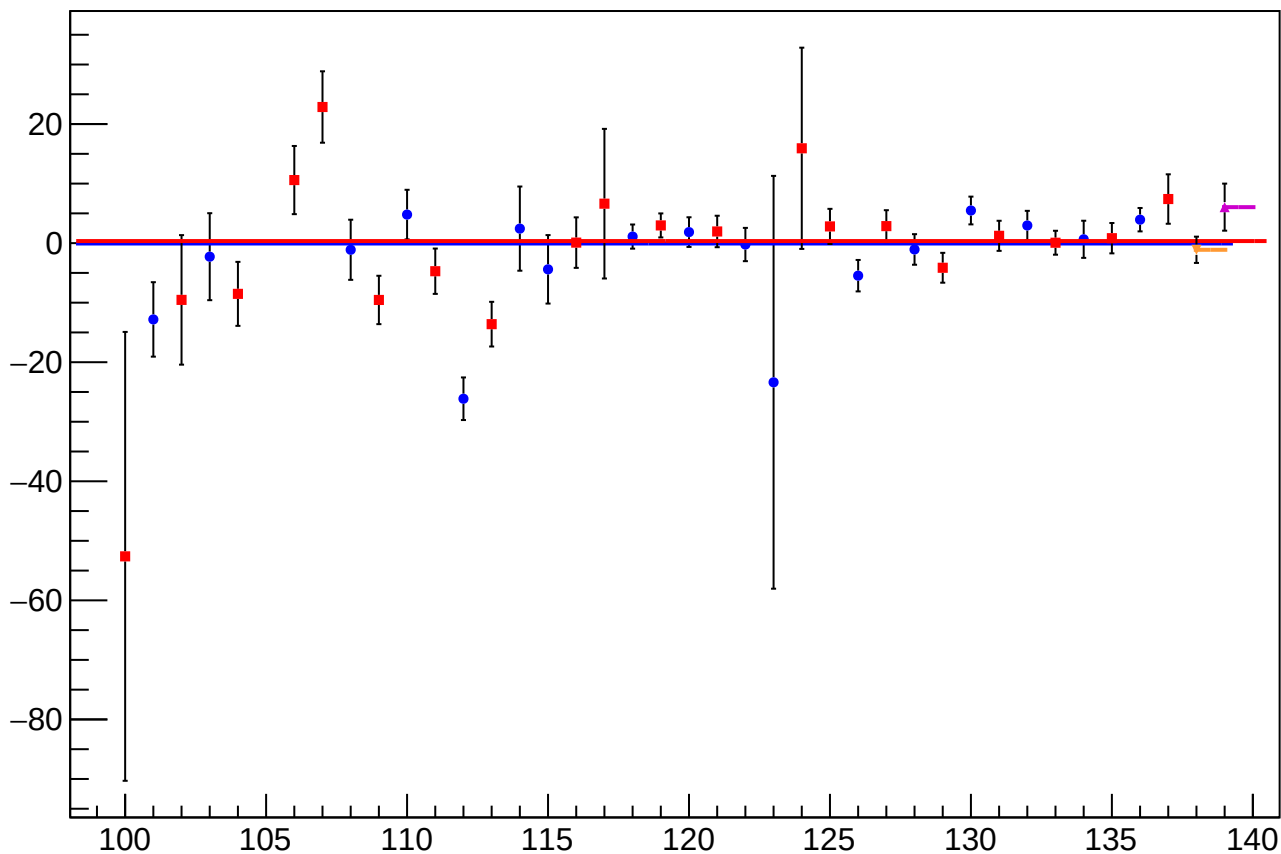
Right Out: 25.521+/-1.239 χ^2/NDF : 1382.7/19

Left In: 25.141+/-2.588 χ^2/NDF : 0.0/0

18.010+/-1.050 χ^2/NDF : 944.2/17

25.450+/-1.118 χ^2/NDF : 1382.7/20

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059+/-0.744 χ^2 /NDF: 76.5/16

Left Out: -1.119+/-2.207 χ^2 /NDF:0.0/0

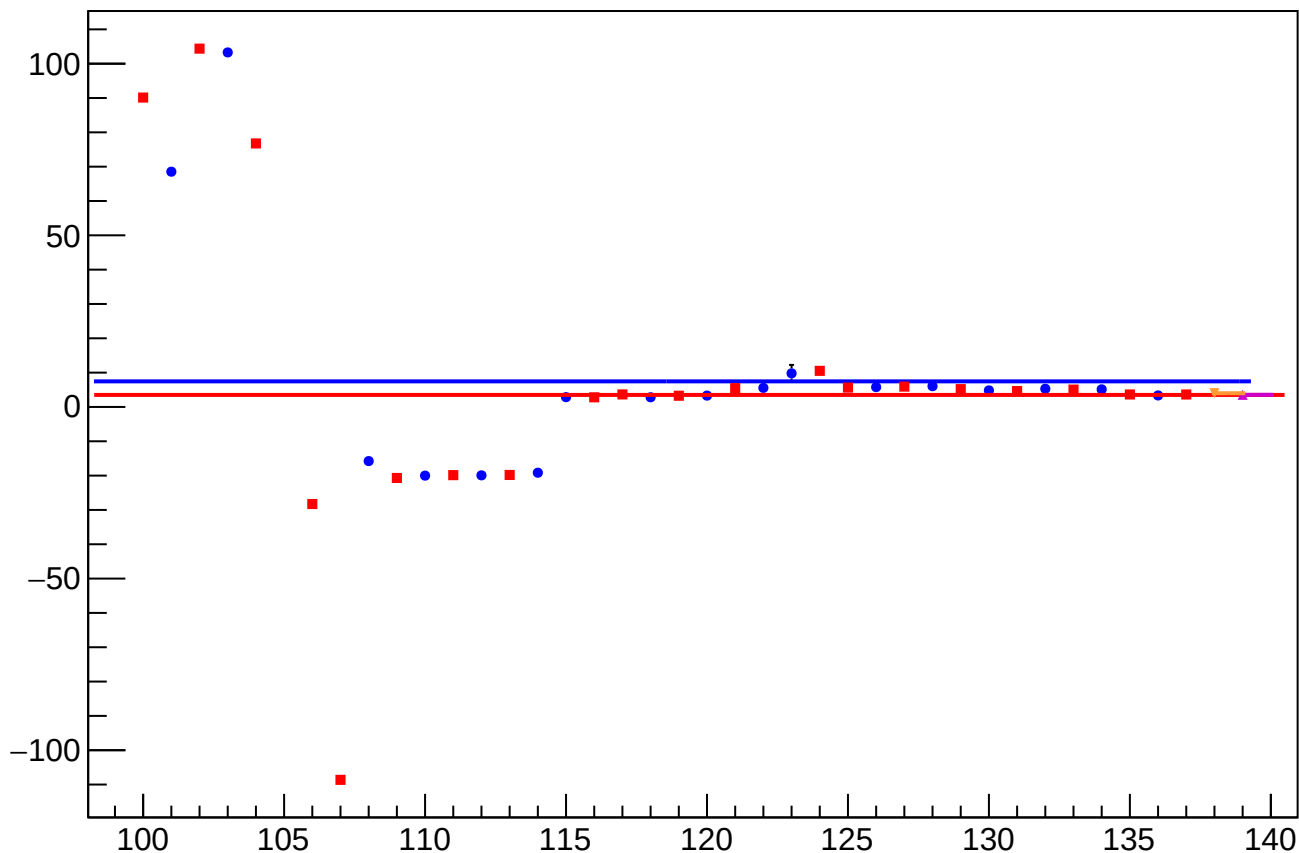
Right Out: 0.348+/-0.748 χ^2 /NDF: 55.4/19

Left In: 6.045+/-3.952 χ^2 /NDF:0.0/0

-0.167+/-0.705 χ^2 /NDF: 76.7/17

0.545+/-0.735 χ^2 /NDF: 57.4/20

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF : 356053.3/16

Left Out: 3.993+/-0.077 χ^2/NDF : 0.0/0

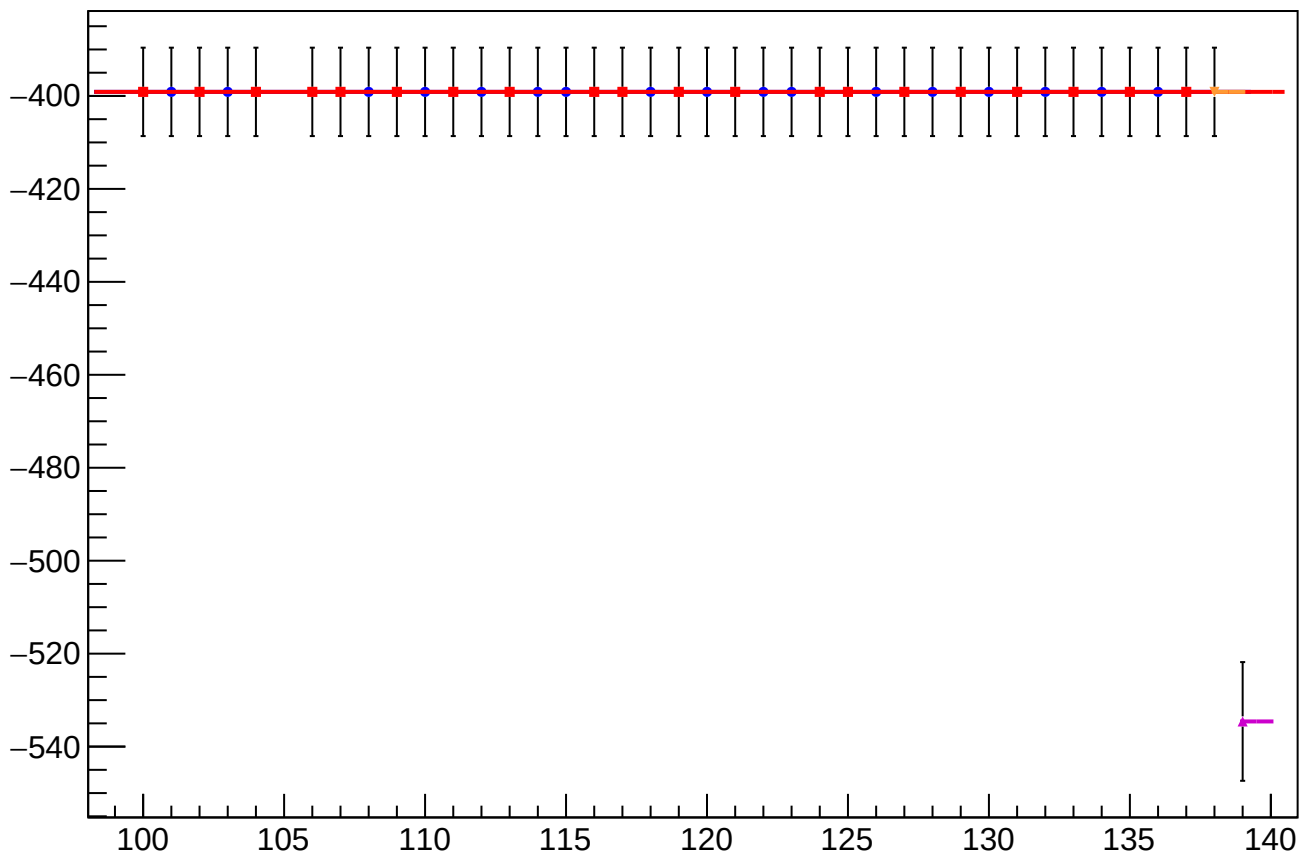
Right Out: 3.503+/-0.045 χ^2/NDF : 510579.7/19

Left In: 3.535+/-0.087 χ^2/NDF : 0.0/0

6.589+/-0.038 χ^2/NDF : 357570.7/17

3.510+/-0.040 χ^2/NDF : 510579.8/20

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -399.124+/-2.307 χ^2/NDF : 0.0/16

Left Out: -399.124+/-9.512 χ^2/NDF : 0.0/0

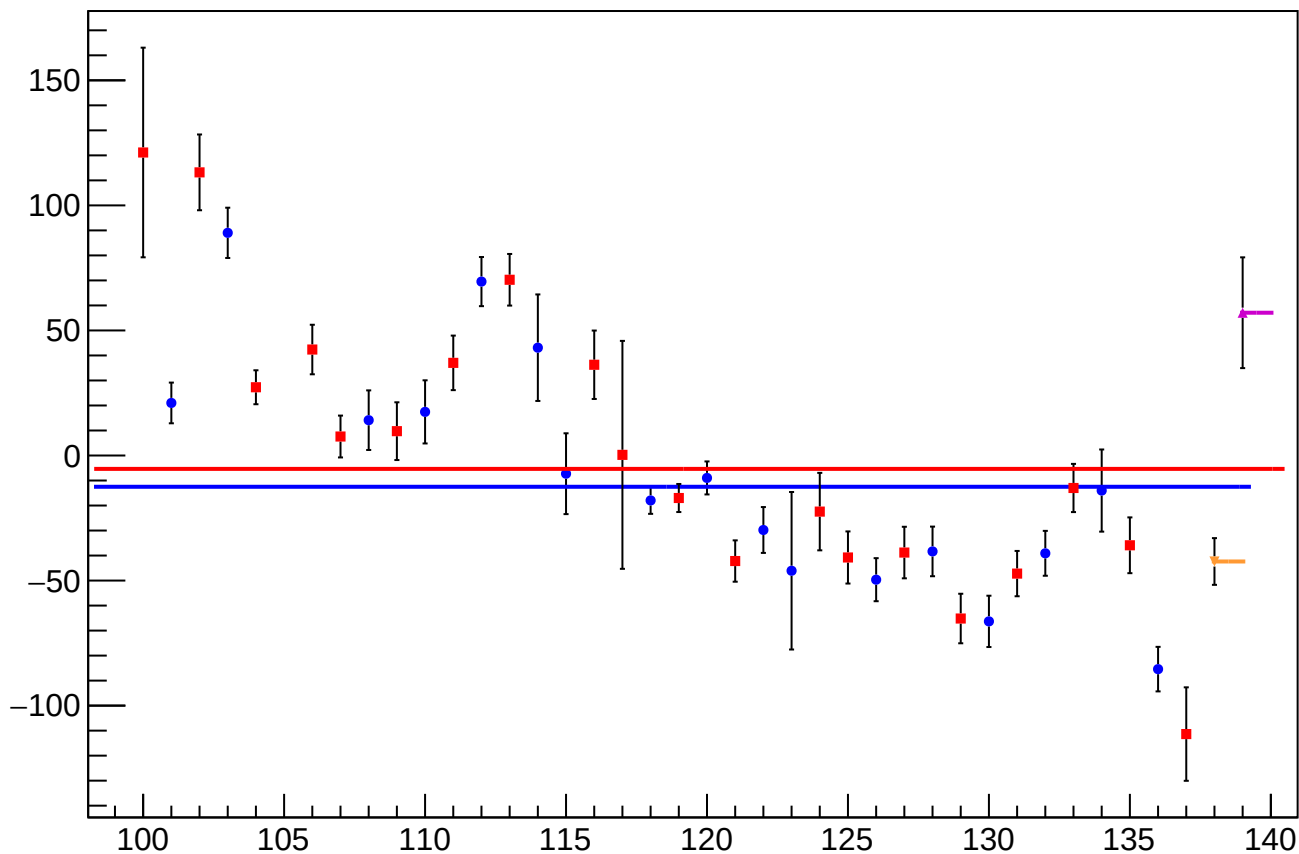
Right Out: -399.124+/-2.127 χ^2/NDF : 0.0/19

Left In: -534.587+/-12.771 χ^2/NDF : 0.0/0

-399.124+/-2.242 χ^2/NDF : 0.0/17

-402.780+/-2.098 χ^2/NDF : 109.5/20

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 +/- 2.311 χ^2/NDF : 341.1/16

Left Out: -42.372 +/- 9.340 χ^2/NDF : 0.0/0

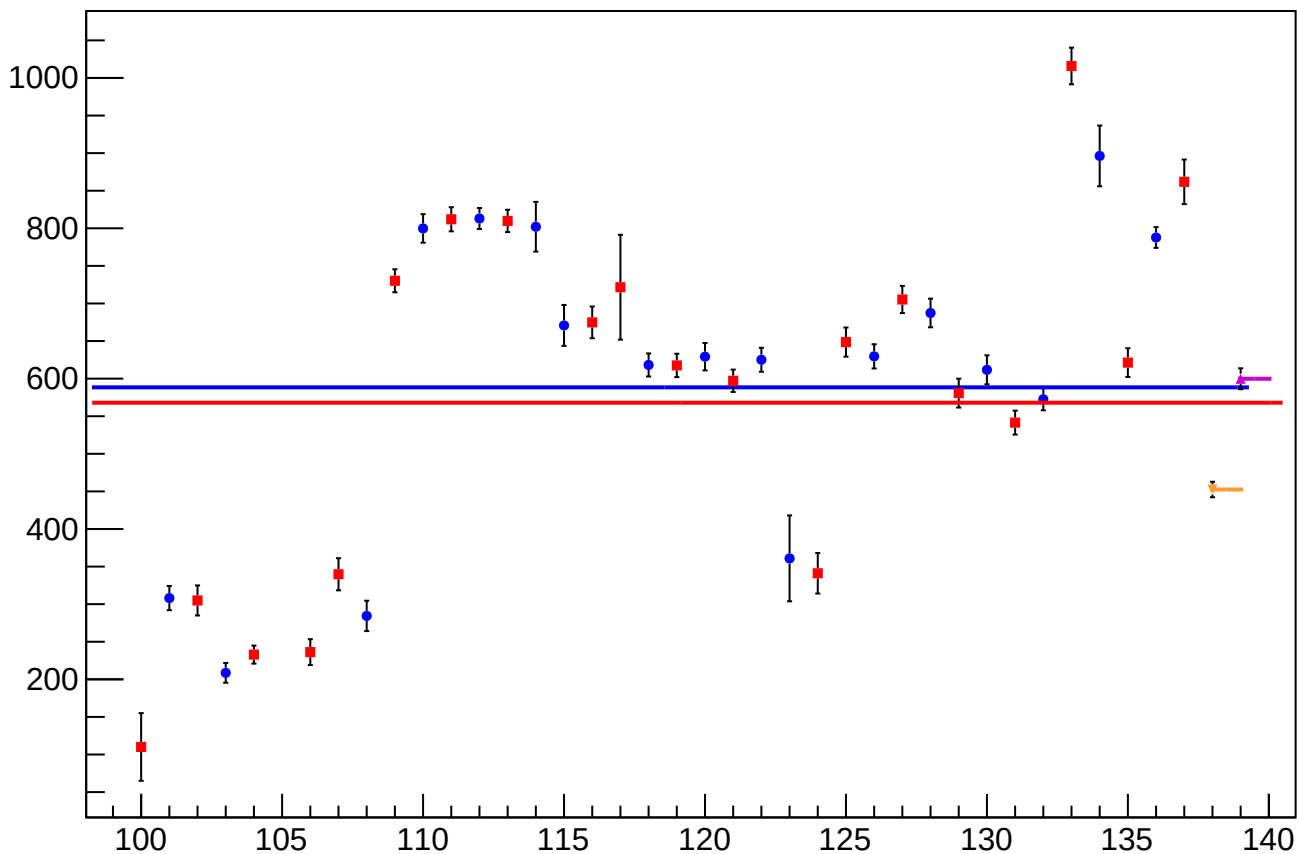
Right Out: -5.349 +/- 2.261 χ^2/NDF : 344.6/19

Left In: 57.085 +/- 22.144 χ^2/NDF : 0.0/0

-14.223 +/- 2.243 χ^2/NDF : 350.7/17

-4.704 +/- 2.250 χ^2/NDF : 352.5/20

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF : 2130.2/16

Left Out: 452.526+/-10.310 χ^2/NDF : 0.0/0

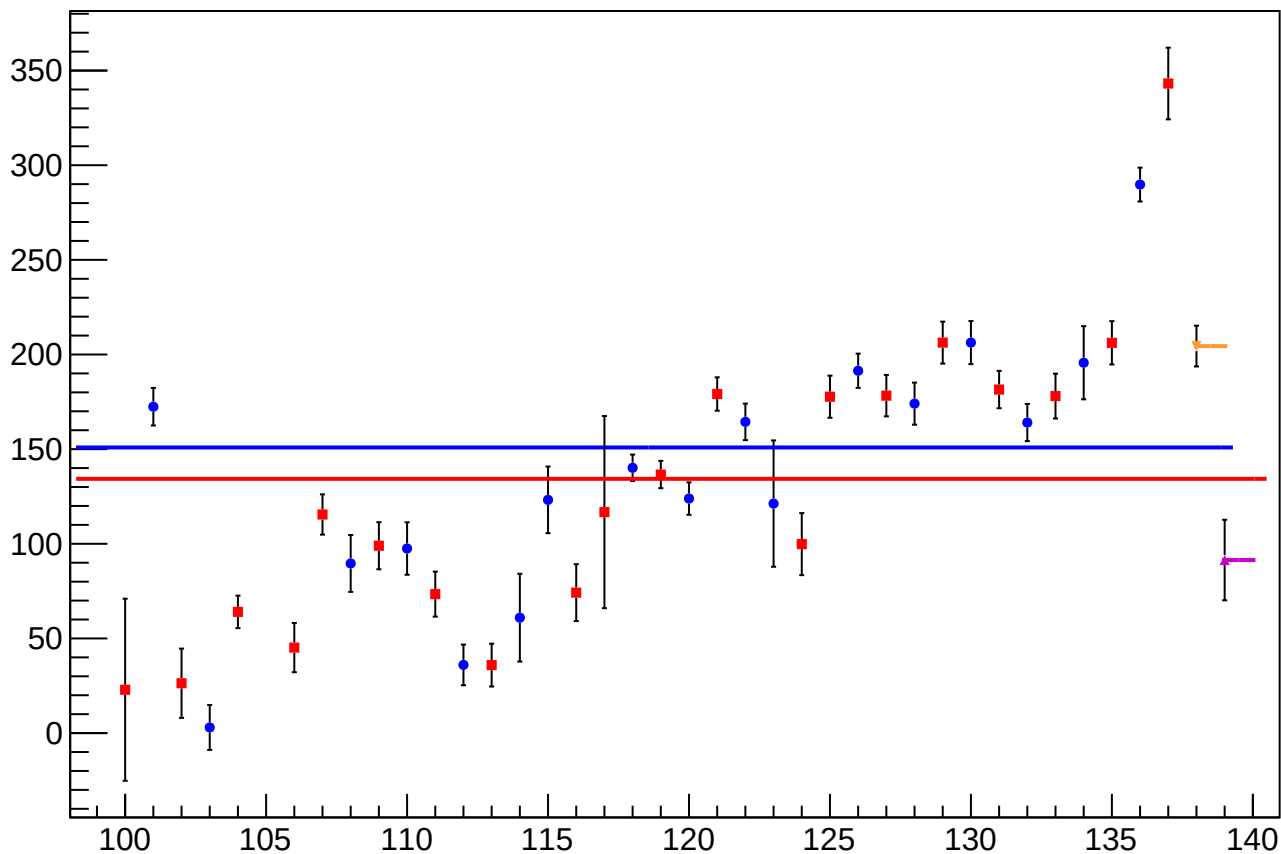
Right Out: 567.992+/-4.130 χ^2/NDF : 2789.7/19

Left In: 599.858+/-13.925 χ^2/NDF : 0.0/0

568.123+/-3.985 χ^2/NDF : 2278.0/17

570.568+/-3.959 χ^2/NDF : 2794.5/20

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



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

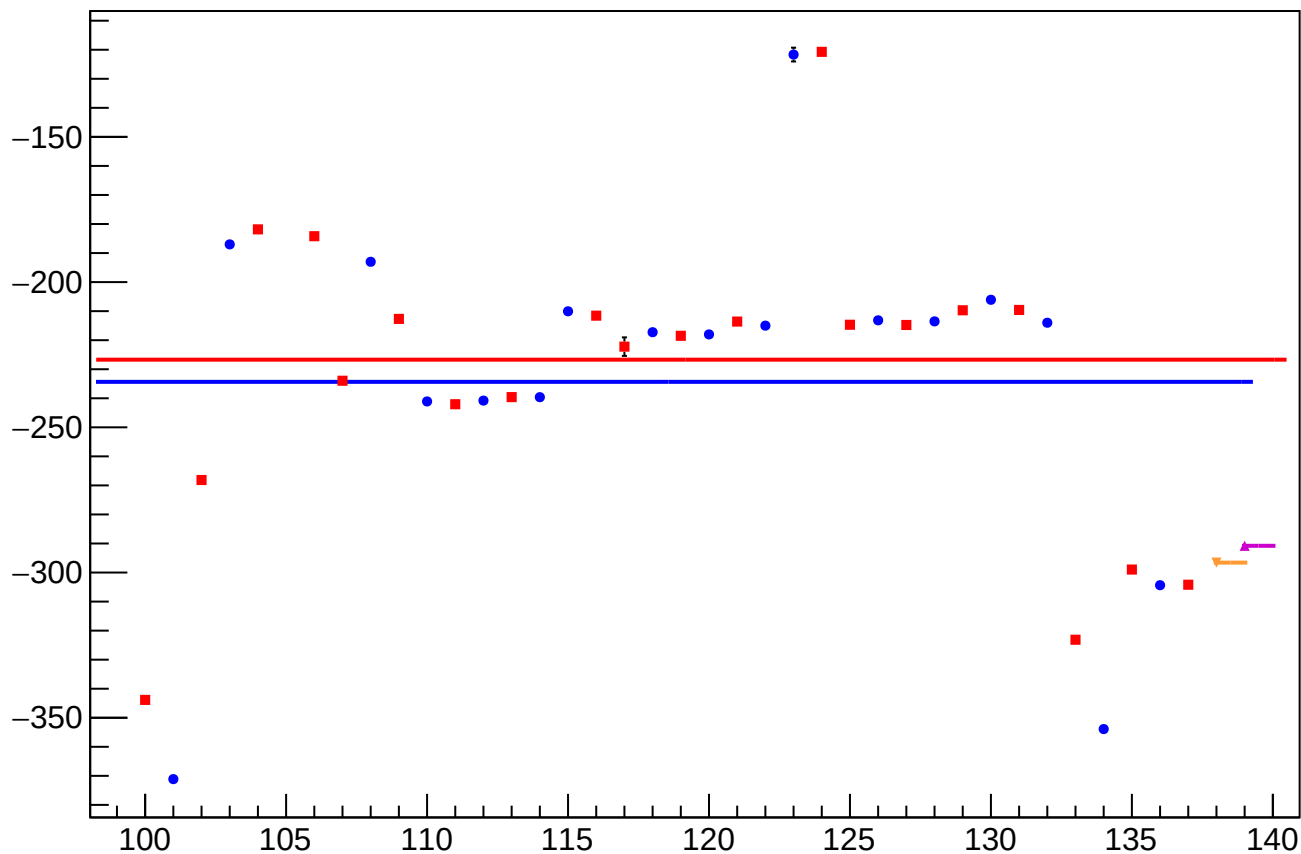
Right Out: 134.334 $\pm$ 2.616 χ^2 /NDF: 585.0/19

Left In: 91.428 $\pm$ 21.267 χ^2 /NDF: 0.0/0

154.002 $\pm$ 2.595 χ^2 /NDF: 658.1/17

133.694 $\pm$ 2.597 χ^2 /NDF: 589.0/20

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -296.585+/-0.410 χ^2/NDF : 0.0/0

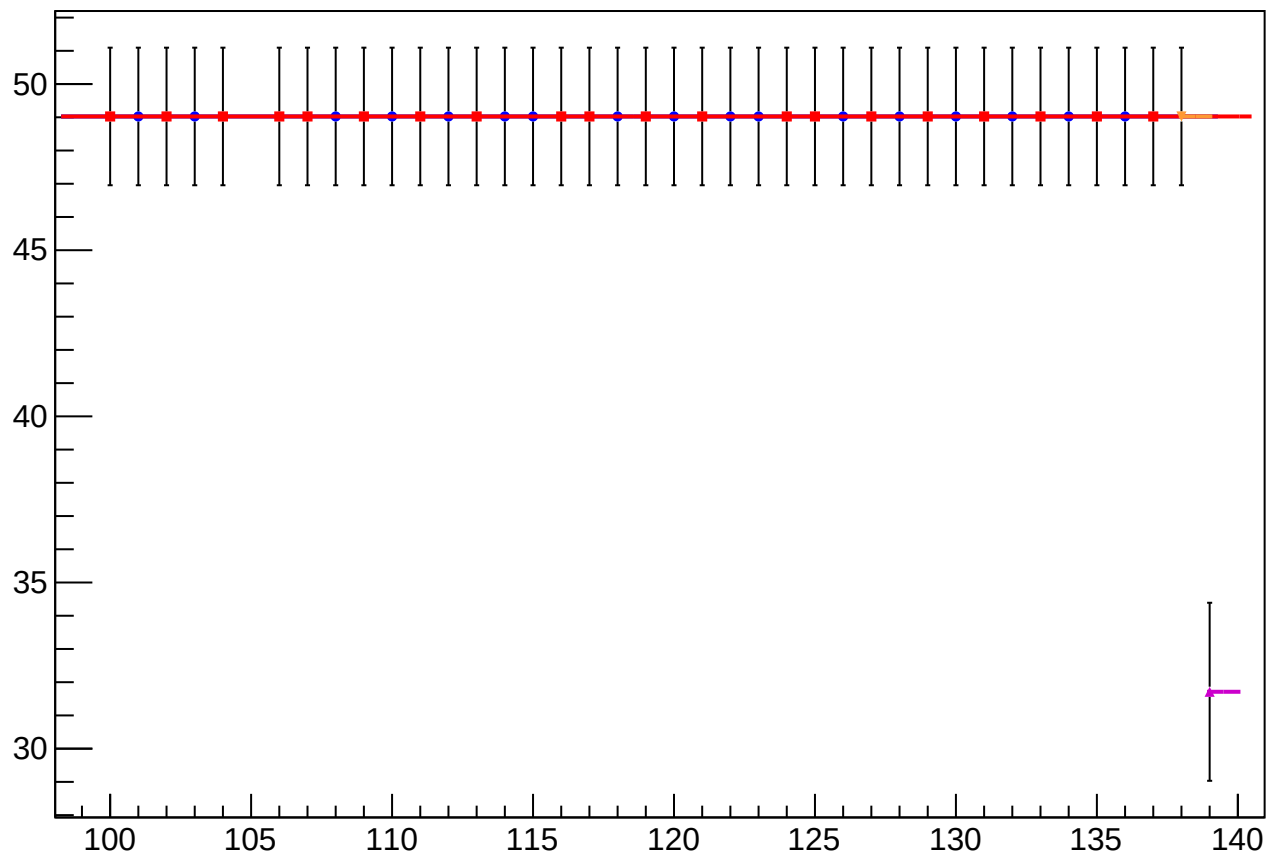
Right Out: -226.707+/-0.141 χ^2/NDF : 99442.4/19

Left In: -290.793+/-0.466 χ^2/NDF : 0.0/0

-241.530+/-0.139 χ^2/NDF : 165508.7/17

-232.086+/-0.135 χ^2/NDF : 116736.9/20

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: 49.025 $\pm$ 0.502 χ^2 /NDF: 0.0/16

Left Out: 49.025 $\pm$ 2.070 χ^2 /NDF: 0.0/0

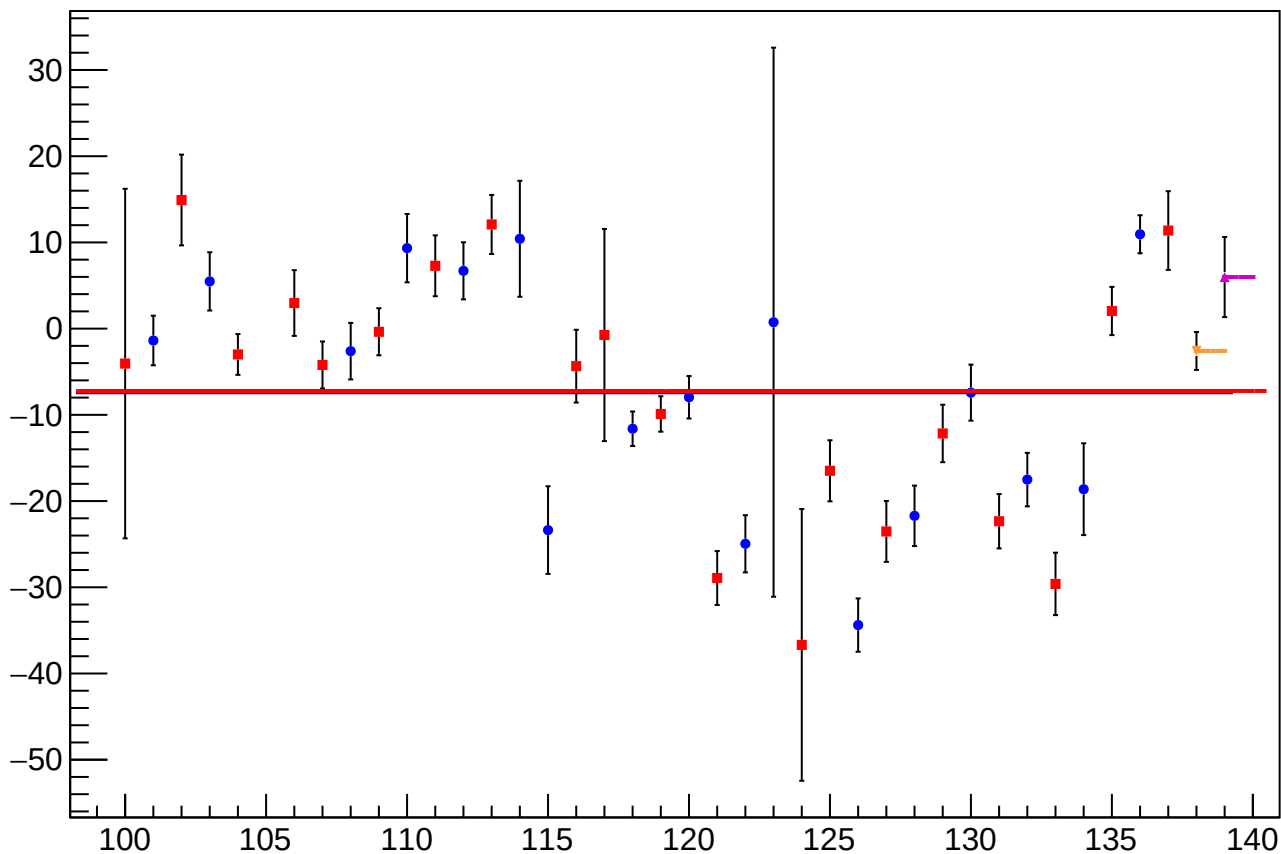
Right Out: 49.025 $\pm$ 0.463 χ^2 /NDF: 0.0/19

Left In: 31.712 $\pm$ 2.679 χ^2 /NDF: 0.0/0

49.025 $\pm$ 0.488 χ^2 /NDF: 0.0/17

48.523 $\pm$ 0.456 χ^2 /NDF: 40.6/20

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381+/-0.779 χ^2/NDF : 283.6/16

Left Out: -2.591+/-2.198 χ^2/NDF : 0.0/0

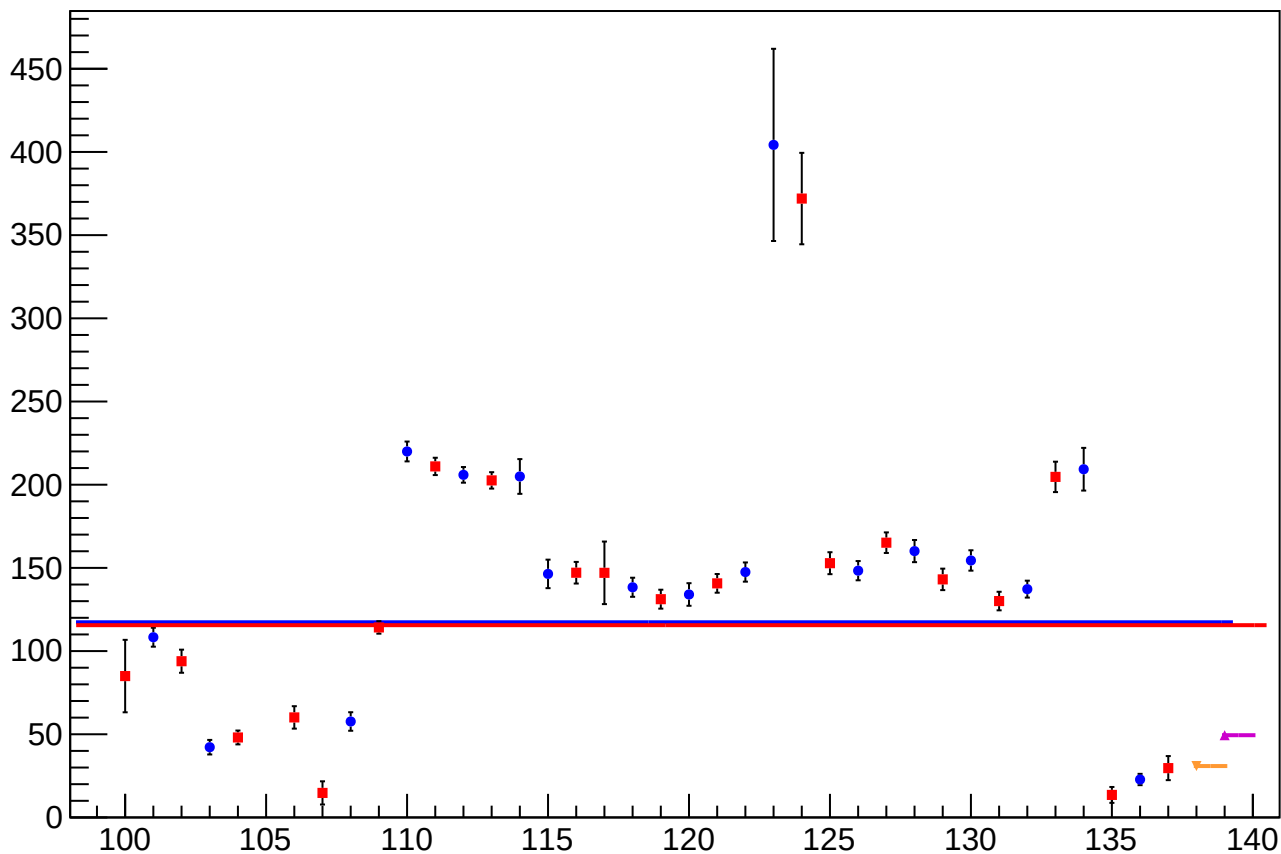
Right Out: -7.231+/-0.761 χ^2/NDF : 257.6/19

Left In: 5.985+/-4.644 χ^2/NDF : 0.0/0

-6.847+/-0.734 χ^2/NDF : 287.8/17

-6.886+/-0.751 χ^2/NDF : 265.5/20

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



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

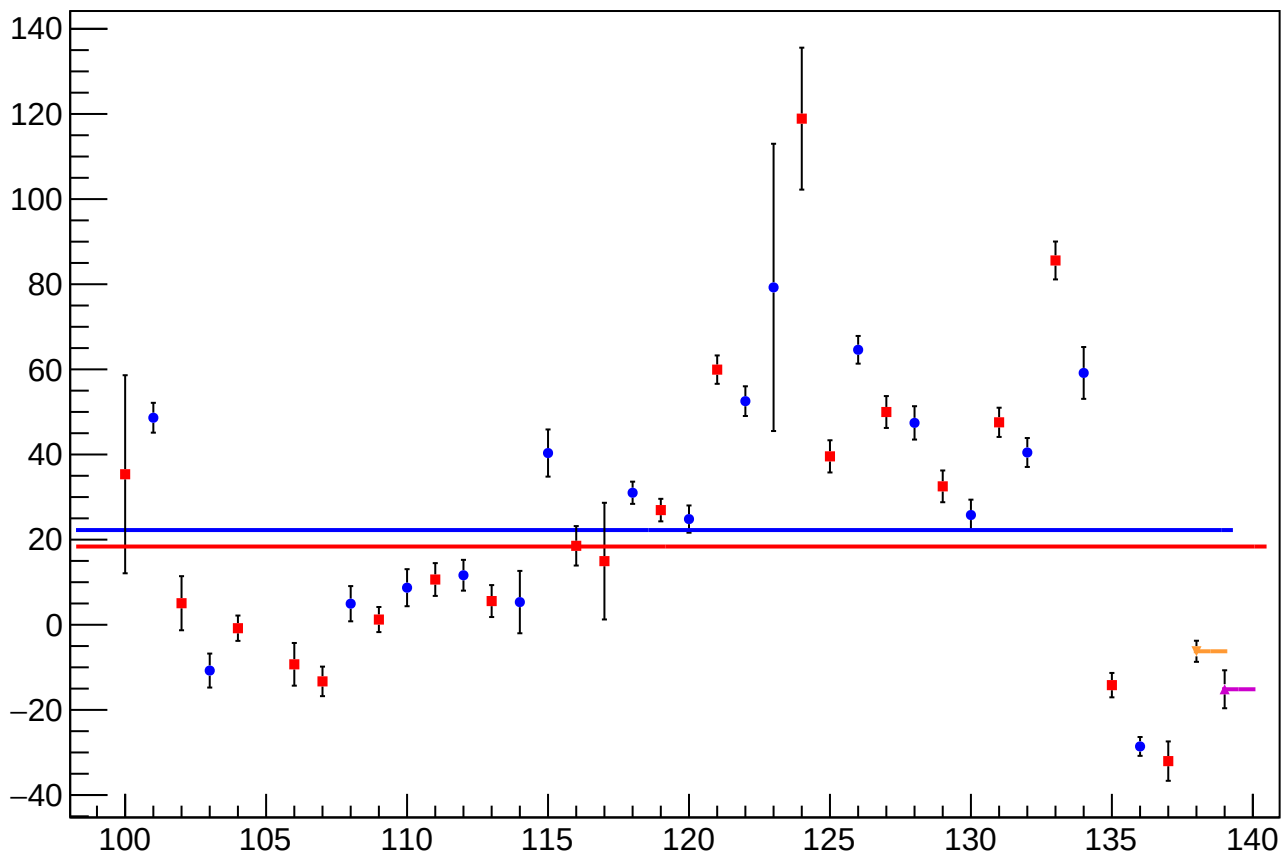
Right Out: 115.570 $\pm$ 1.357 χ^2 /NDF: 2153.3/19

Left In: 49.439 $\pm$ 2.921 χ^2 /NDF: 0.0/0

92.900 $\pm$ 1.193 χ^2 /NDF: 3223.9/17

103.830 $\pm$ 1.231 χ^2 /NDF: 2574.9/20

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 ± 0.889 $\chi^2/\text{NDF}: 1071.4/16$

Left Out: -6.229 ± 2.479 $\chi^2/\text{NDF}: 0.0/0$

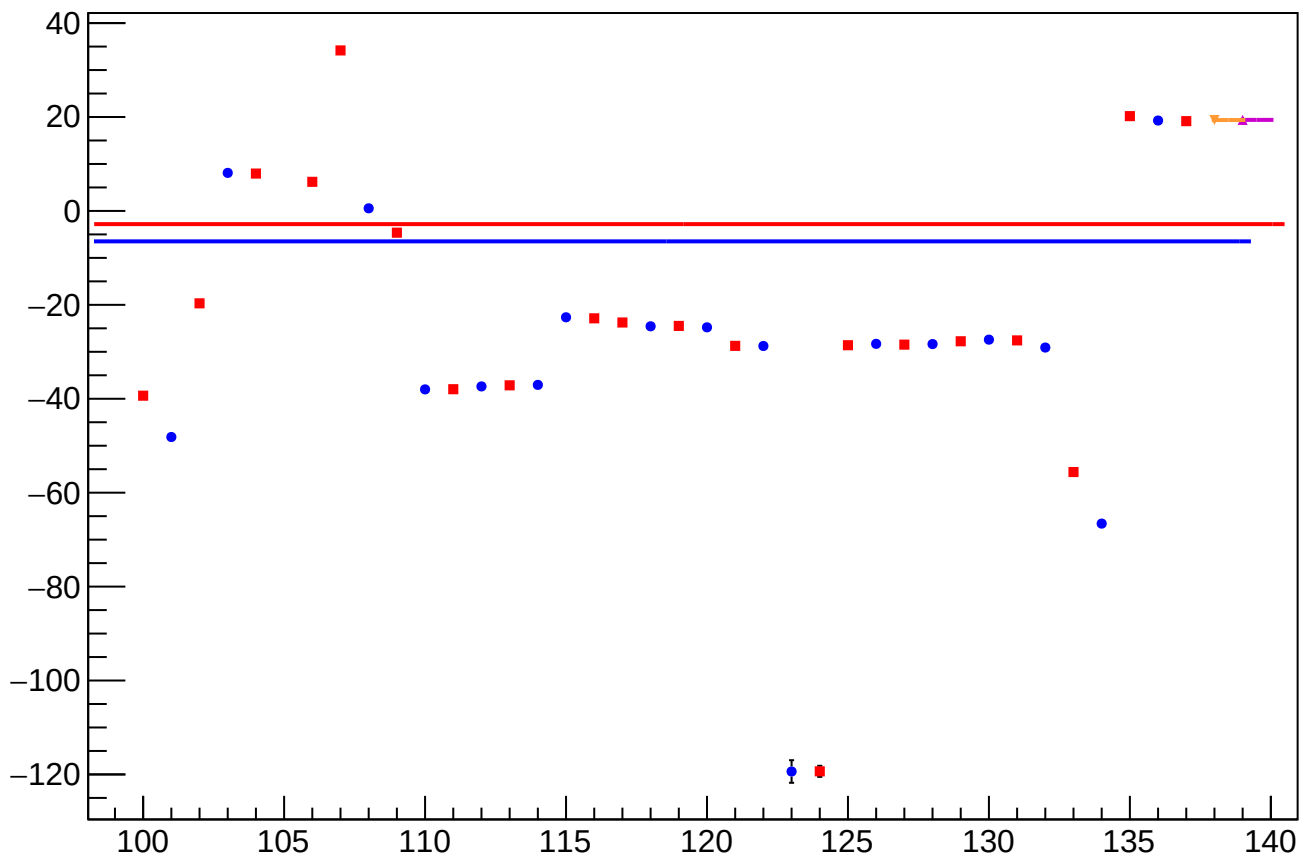
Right Out: 18.381 ± 0.870 $\chi^2/\text{NDF}: 1077.2/19$

Left In: -15.153 ± 4.460 $\chi^2/\text{NDF}: 0.0/0$

19.004 ± 0.837 $\chi^2/\text{NDF}: 1188.4/17$

17.151 ± 0.854 $\chi^2/\text{NDF}: 1131.6/20$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 19.357 ± 0.087 χ^2/NDF : 0.0/0

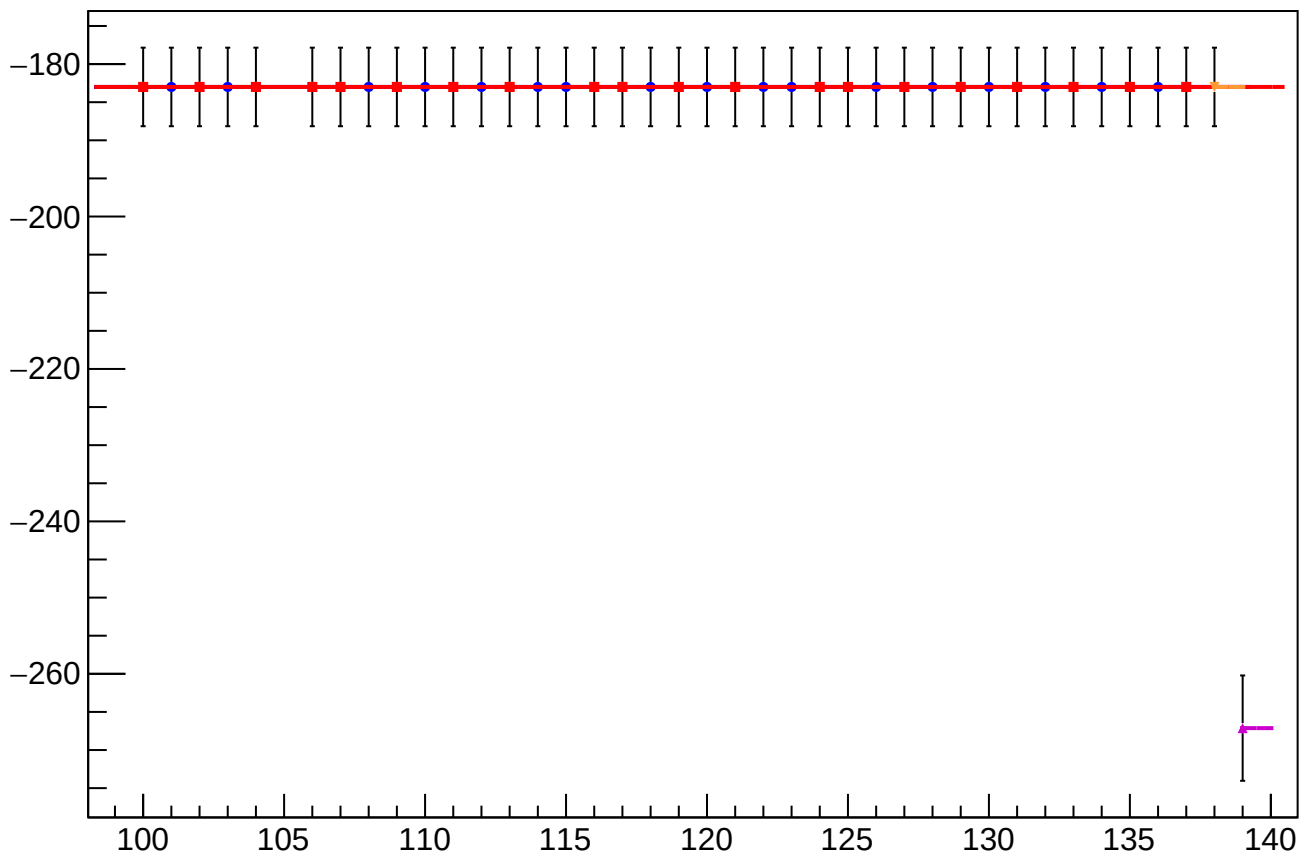
Right Out: -2.811 ± 0.046 χ^2/NDF : 266885.9/19

Left In: 19.387 ± 0.098 χ^2/NDF : 0.0/0

-0.855 ± 0.041 χ^2/NDF : 334033.2/17

1.161 ± 0.041 χ^2/NDF : 309254.5/20

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

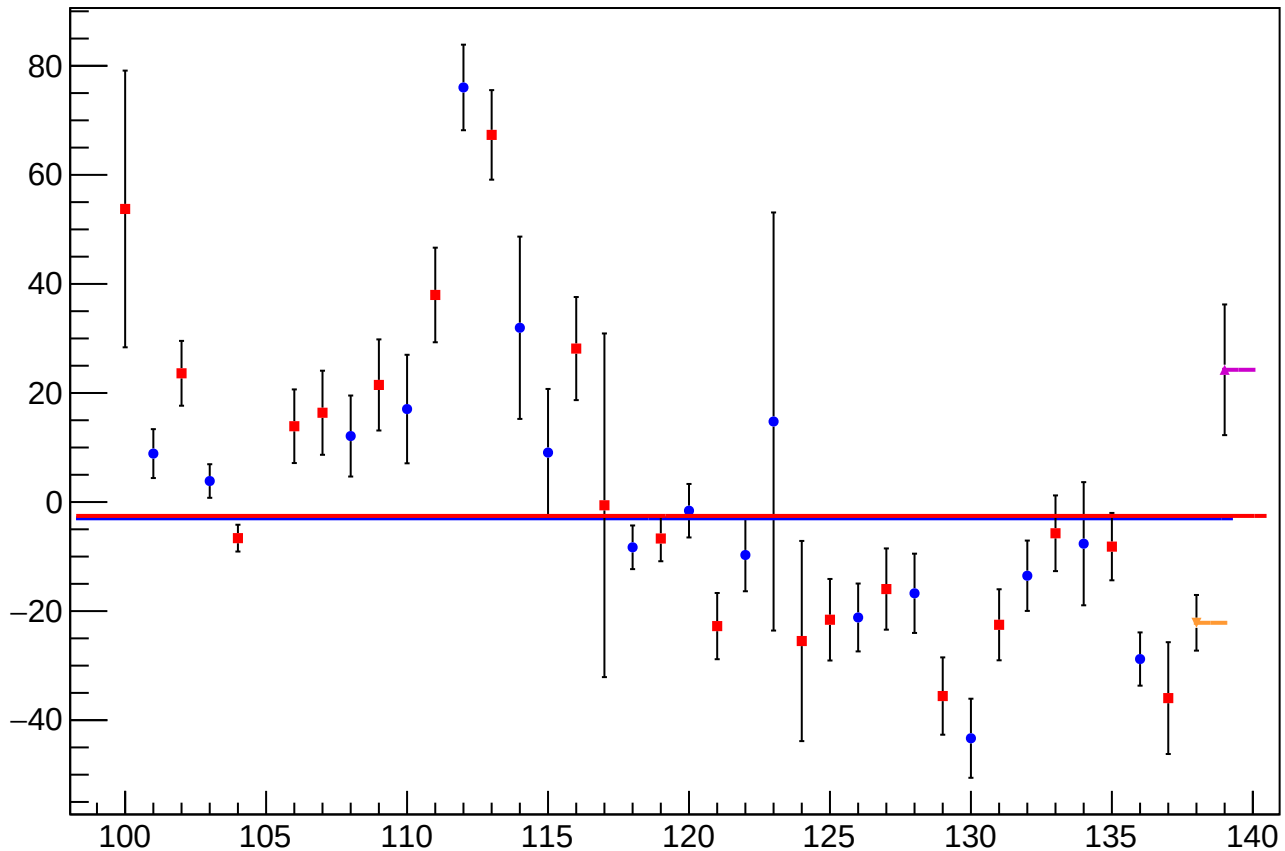
Right Out: -182.999 $\pm$ 1.152 χ^2 /NDF: 0.0/19

Left In: -267.126 $\pm$ 6.911 χ^2 /NDF: 0.0/0

-182.999 $\pm$ 1.215 χ^2 /NDF: 0.0/17

-185.274 $\pm$ 1.137 χ^2 /NDF: 144.2/20

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 1.450 $\chi^2/\text{NDF}: 203.9/16$

Left Out: -22.144 ± 5.103 $\chi^2/\text{NDF}: 0.0/0$

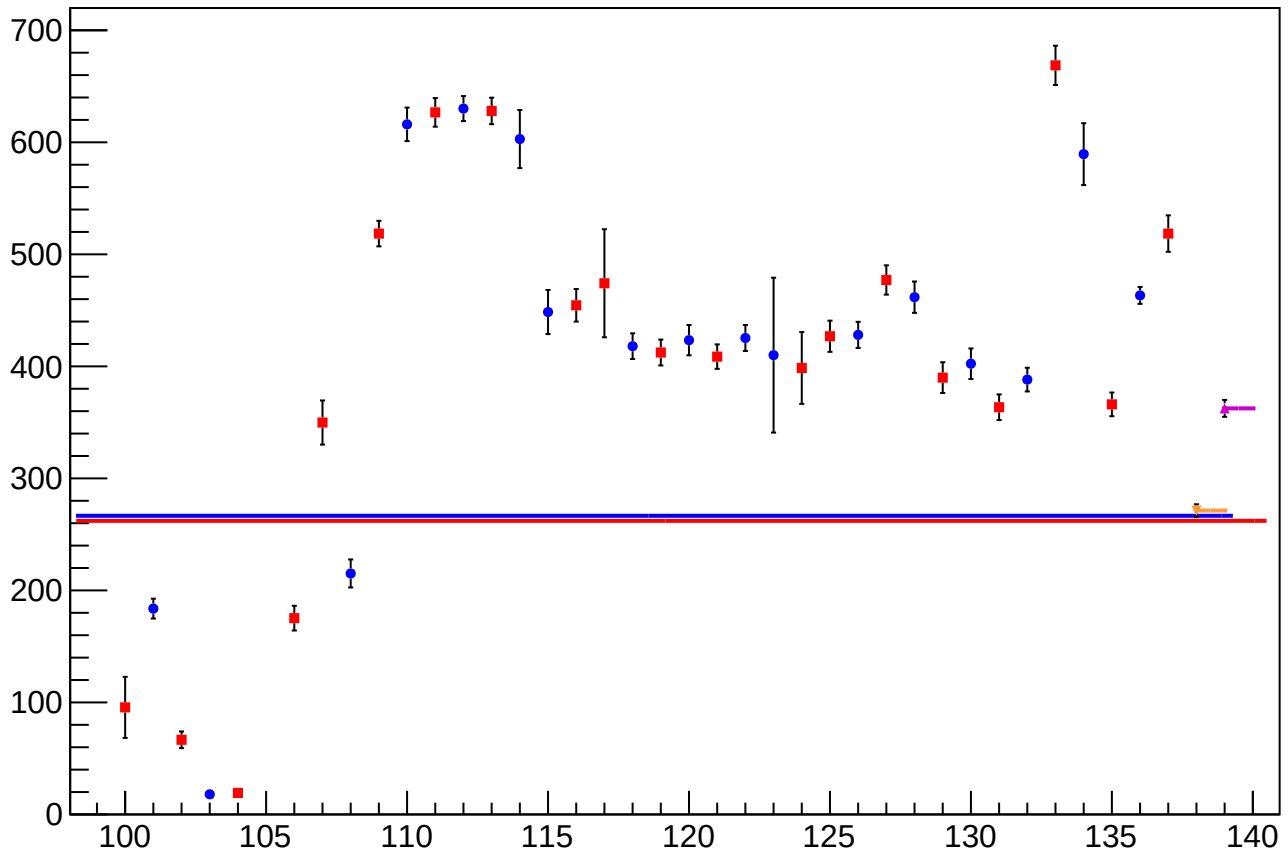
Right Out: -2.544 ± 1.397 $\chi^2/\text{NDF}: 218.1/19$

Left In: 24.254 ± 11.983 $\chi^2/\text{NDF}: 0.0/0$

-4.414 ± 1.395 $\chi^2/\text{NDF}: 217.0/17$

-2.185 ± 1.388 $\chi^2/\text{NDF}: 223.0/20$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



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

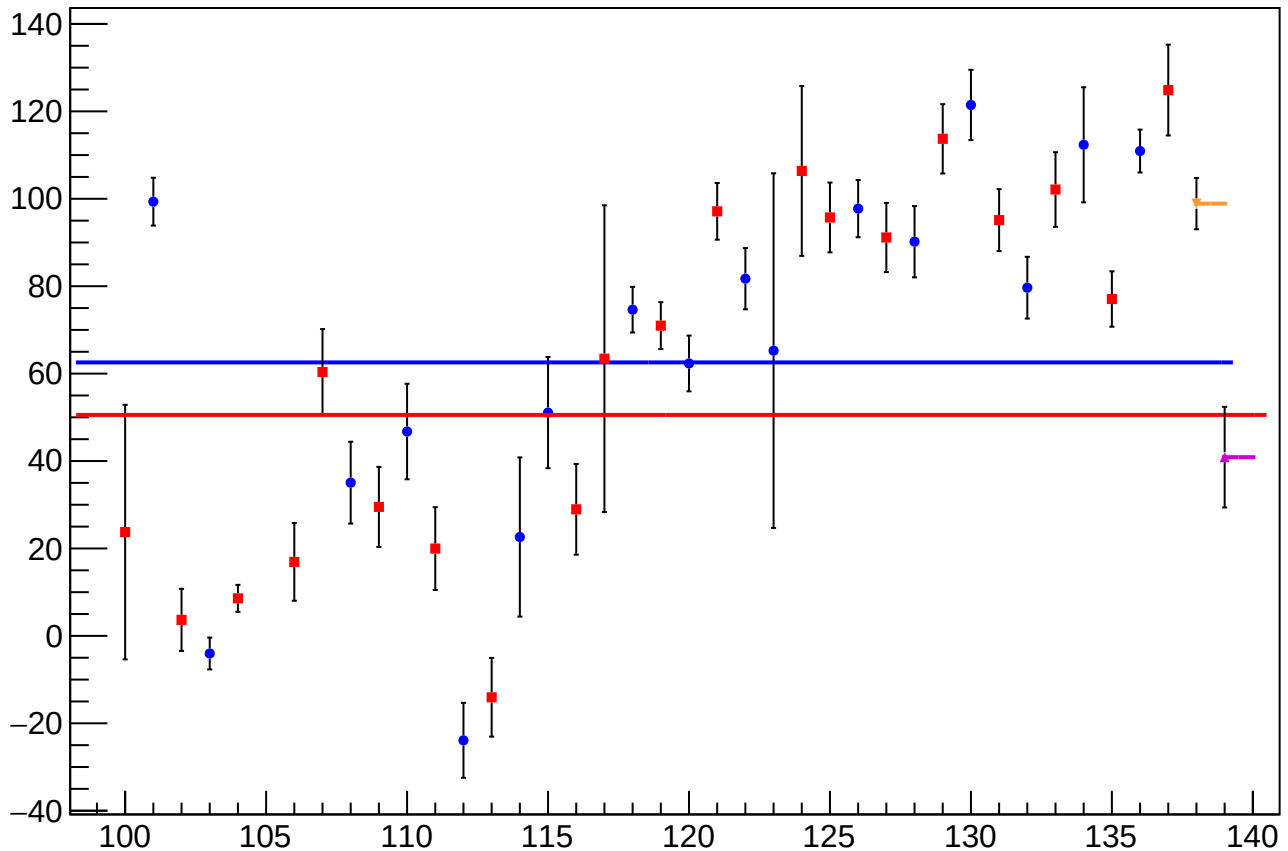
Right Out: 262.101 $\pm$ 2.455 χ^2 /NDF: 8227.6/19

Left In: 362.497 $\pm$ 7.535 χ^2 /NDF:0.0/0

267.388 $\pm$ 2.264 χ^2 /NDF: 7663.3/17

271.733 $\pm$ 2.334 χ^2 /NDF: 8388.1/20

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 ± 1.678 χ^2/NDF : 722.4/16

Left Out: 98.895 ± 5.869 χ^2/NDF : 0.0/0

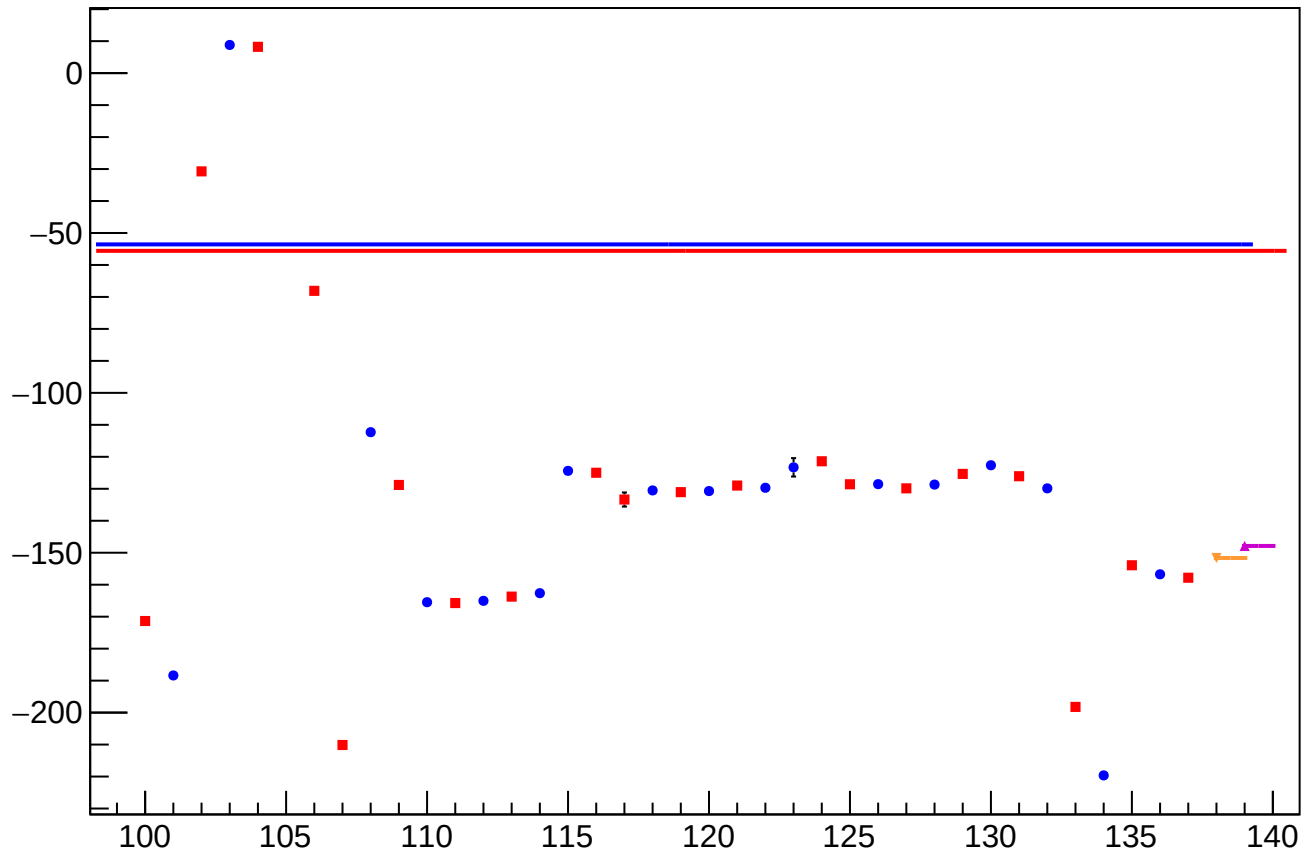
Right Out: 50.554 ± 1.642 χ^2/NDF : 657.1/19

Left In: 40.889 ± 11.509 χ^2/NDF : 0.0/0

65.313 ± 1.613 χ^2/NDF : 757.8/17

50.362 ± 1.625 χ^2/NDF : 657.8/20

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



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

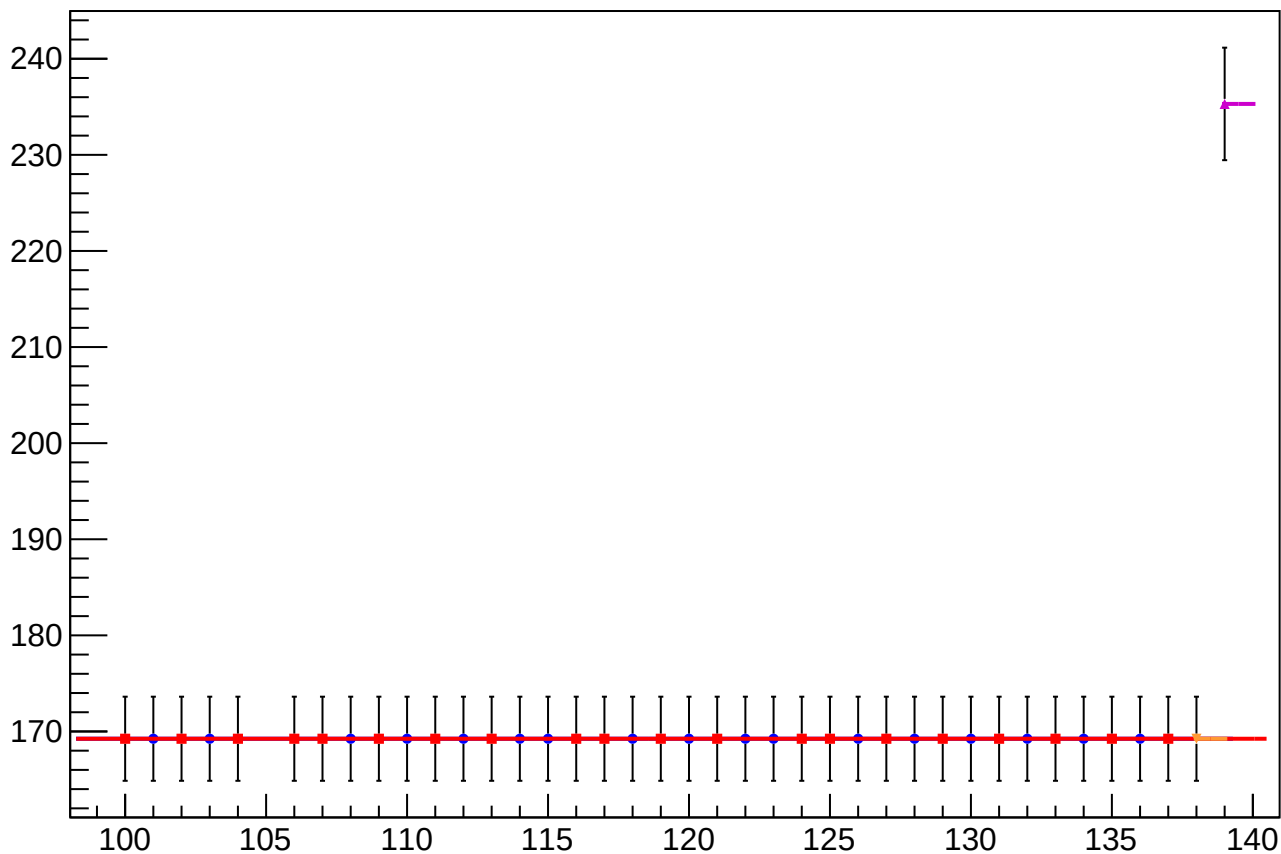
Right Out: -55.585 $\pm$ 0.072 χ^2 /NDF: 970875.1/19

Left In: -147.879 $\pm$ 0.252 χ^2 /NDF: 0.0/0

-62.526 $\pm$ 0.067 χ^2 /NDF: 1408143.6/17

-62.502 $\pm$ 0.069 χ^2 /NDF: 1094481.7/20

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 169.242 $\pm$ 1.061 χ^2 /NDF: 0.0/16

Left Out: 169.242 $\pm$ 4.376 χ^2 /NDF: 0.0/0

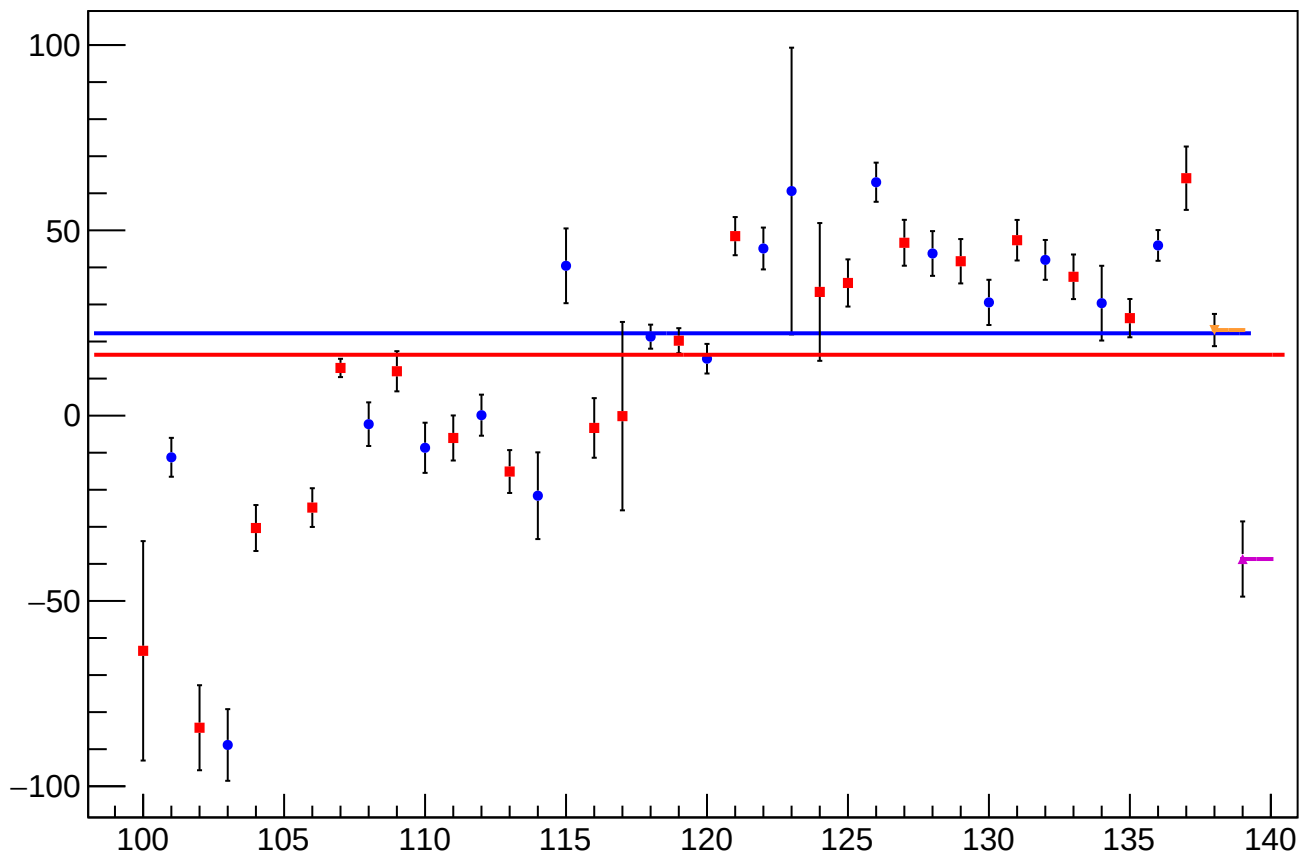
Right Out: 169.242 $\pm$ 0.979 χ^2 /NDF: 0.0/19

Left In: 235.300 $\pm$ 5.853 χ^2 /NDF: 0.0/0

169.242 $\pm$ 1.031 χ^2 /NDF: 0.0/17

171.038 $\pm$ 0.965 χ^2 /NDF: 123.9/20

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 ± 1.374 $\chi^2/\text{NDF}: 385.6/16$

Left Out: 23.097 ± 4.349 $\chi^2/\text{NDF}: 0.0/0$

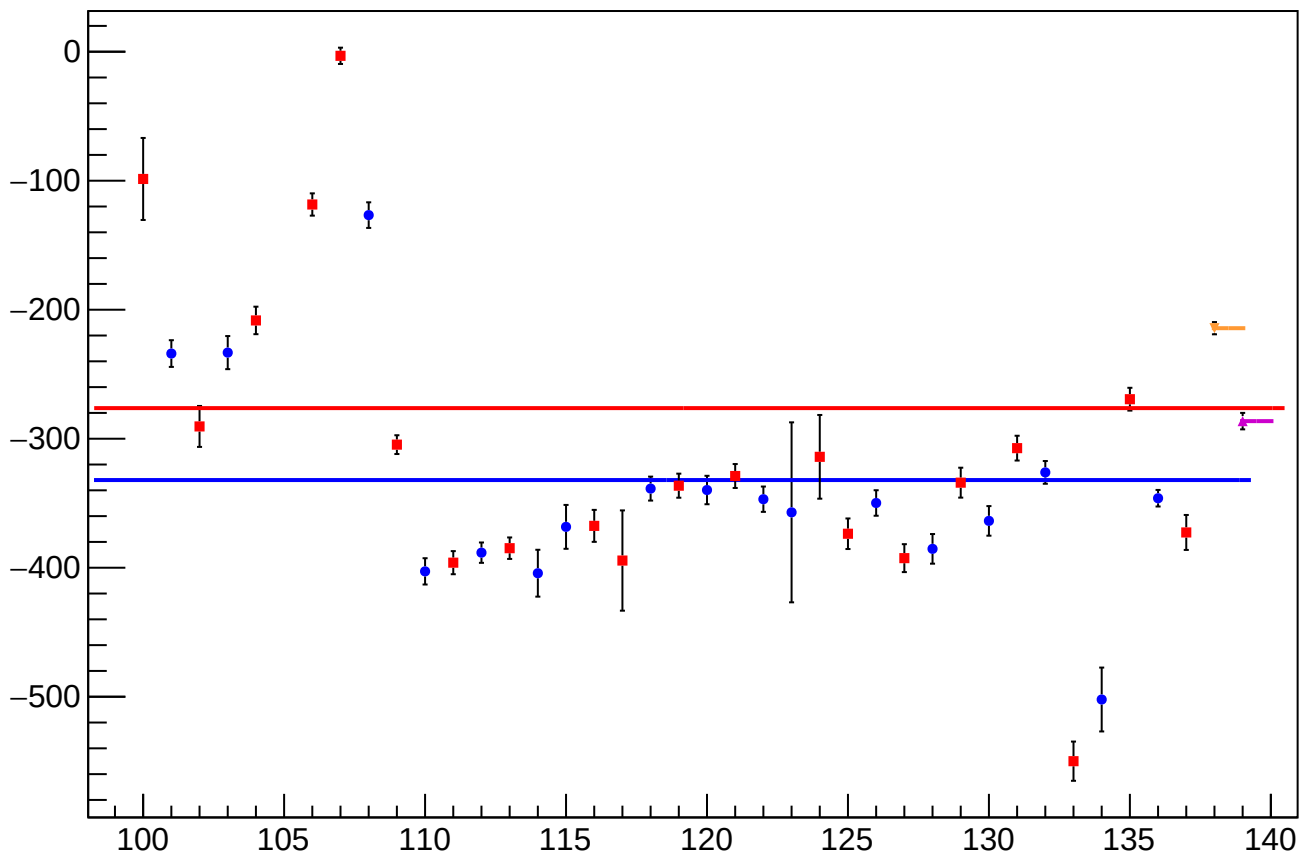
Right Out: 16.427 ± 1.228 $\chi^2/\text{NDF}: 426.3/19$

Left In: -38.687 ± 10.149 $\chi^2/\text{NDF}: 0.0/0$

22.301 ± 1.310 $\chi^2/\text{NDF}: 385.6/17$

15.632 ± 1.219 $\chi^2/\text{NDF}: 455.4/20$

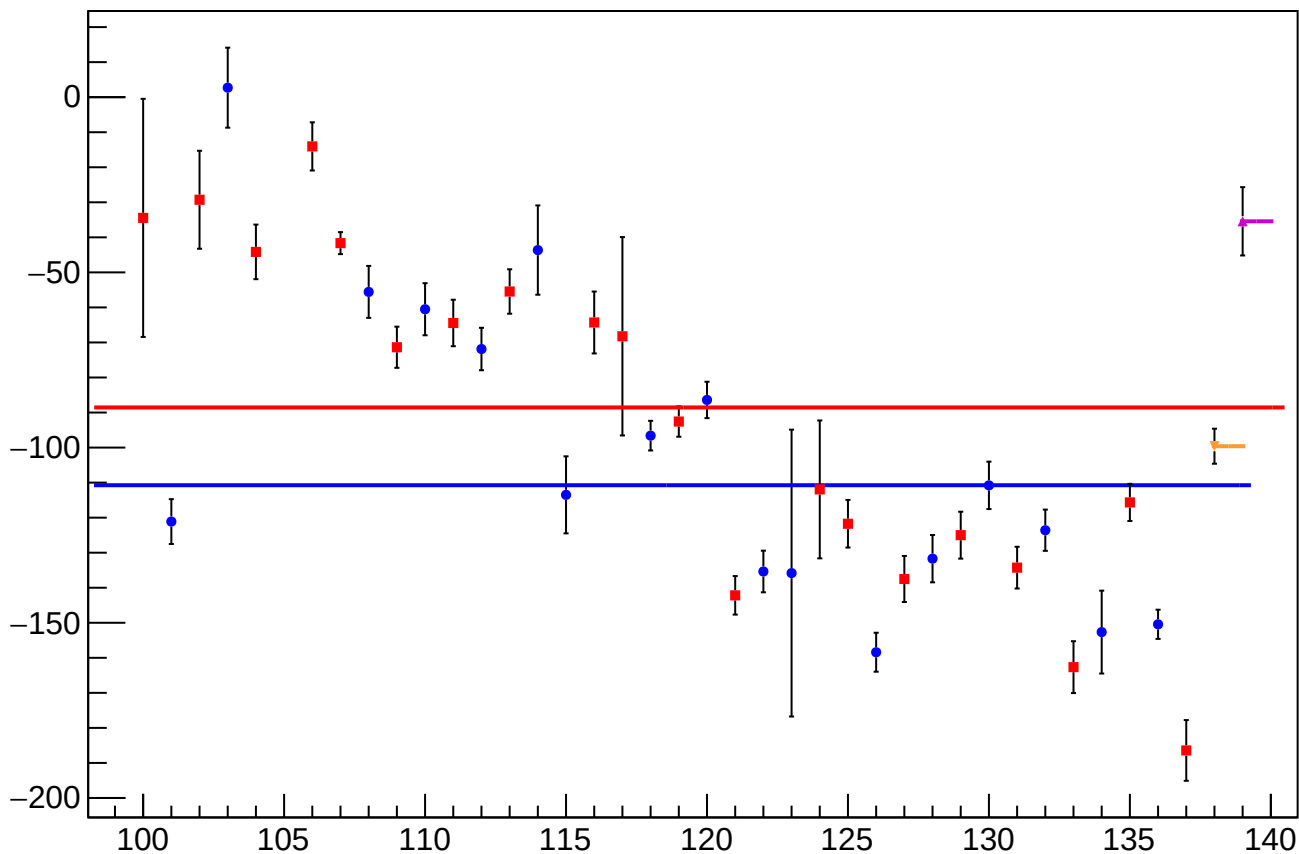
reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



-305.460 ± 2.254 $\chi^2/\text{NDF}: 1261.6/17$

-277.454 ± 2.181 $\chi^2/\text{NDF}: 3374.3/20$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF : 513.4/16

Left Out: -99.612+/-4.995 χ^2/NDF : 0.0/0

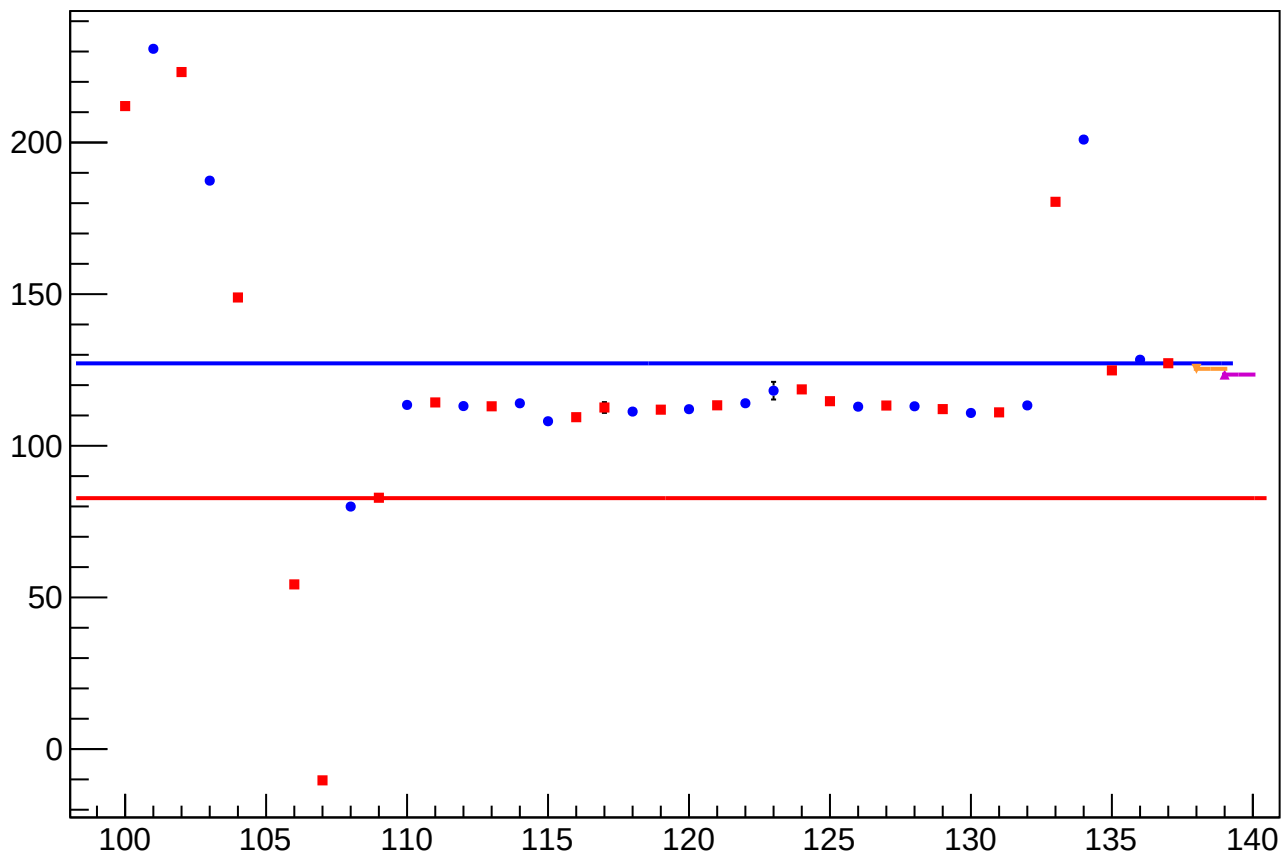
Right Out: -88.548+/-1.433 χ^2/NDF : 970.2/19

Left In: -35.426+/-9.747 χ^2/NDF : 0.0/0

-109.735+/-1.504 χ^2/NDF : 517.9/17

-87.424+/-1.417 χ^2/NDF : 999.3/20

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF : 188050.9/16

Left Out: 125.377+/-0.188 χ^2/NDF : 0.0/0

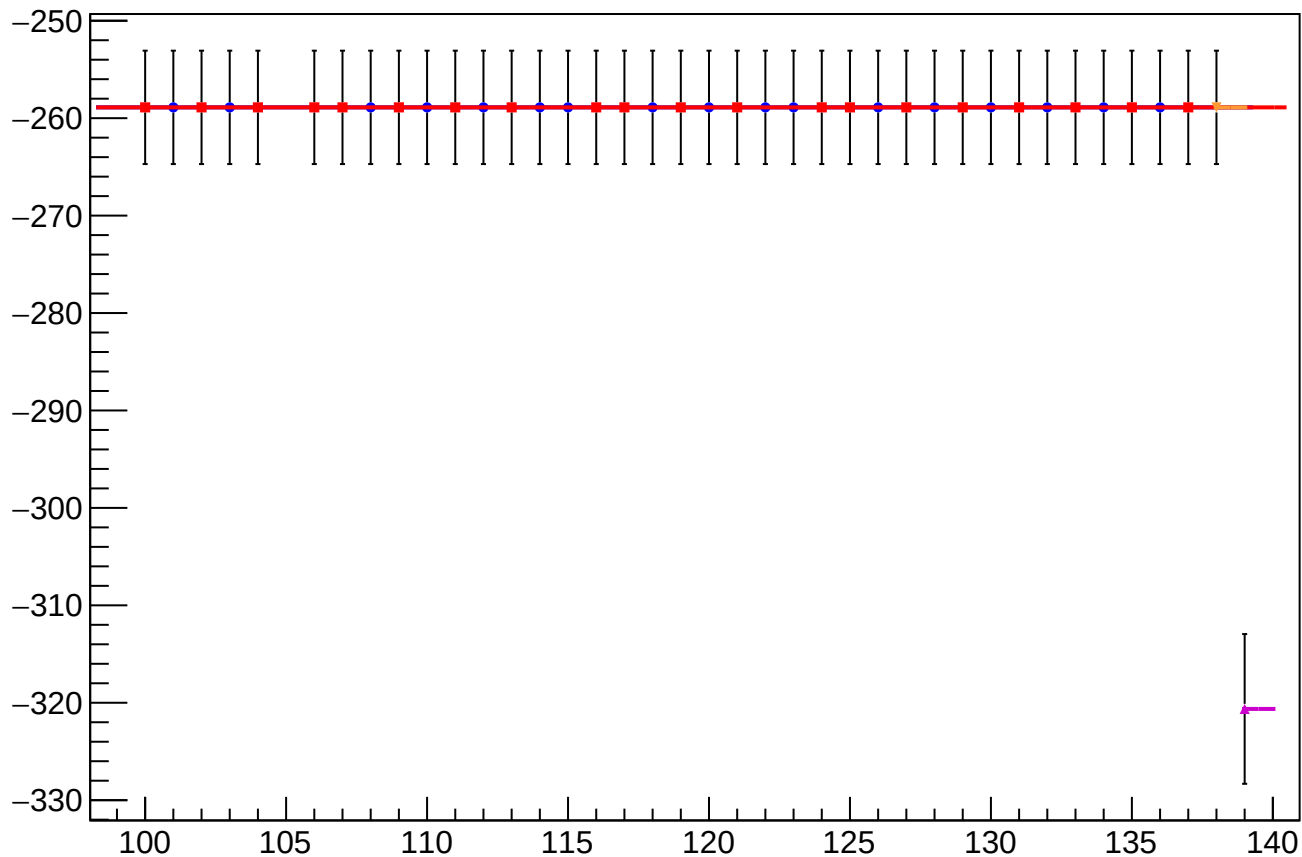
Right Out: 82.737+/-0.075 χ^2/NDF : 765998.9/19

Left In: 123.484+/-0.214 χ^2/NDF : 0.0/0

126.849+/-0.080 χ^2/NDF : 188125.9/17

87.223+/-0.071 χ^2/NDF : 798294.3/20

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -258.891 ± 1.411 χ^2/NDF : 0.0/16

Left Out: -258.891 ± 5.819 χ^2/NDF : 0.0/0

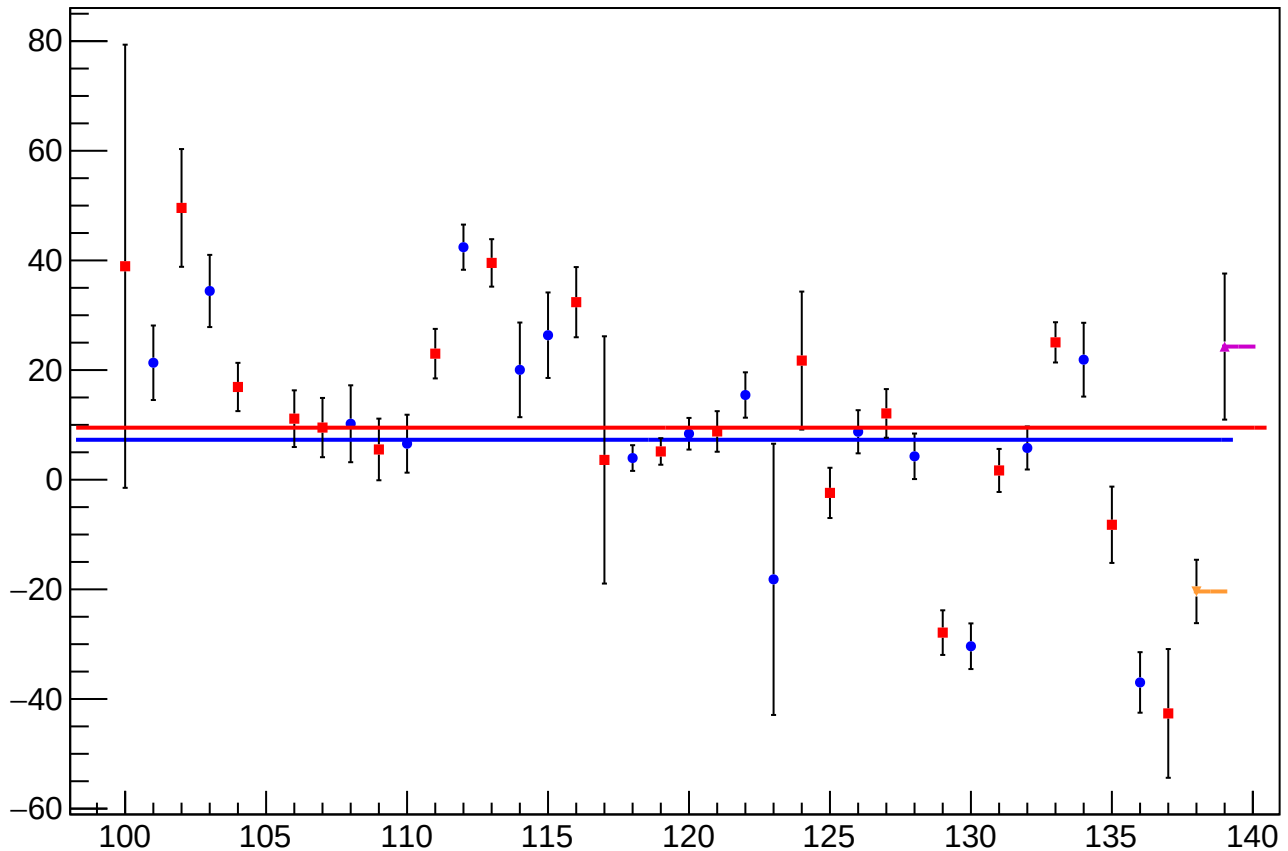
Right Out: -258.891 ± 1.301 χ^2/NDF : 0.0/19

Left In: -320.633 ± 7.685 χ^2/NDF : 0.0/0

-258.891 ± 1.372 χ^2/NDF : 0.0/17

-260.612 ± 1.283 χ^2/NDF : 62.8/20

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284+/-1.084 χ^2/NDF : 261.0/16

Left Out: -20.385+/-5.782 χ^2/NDF : 0.0/0

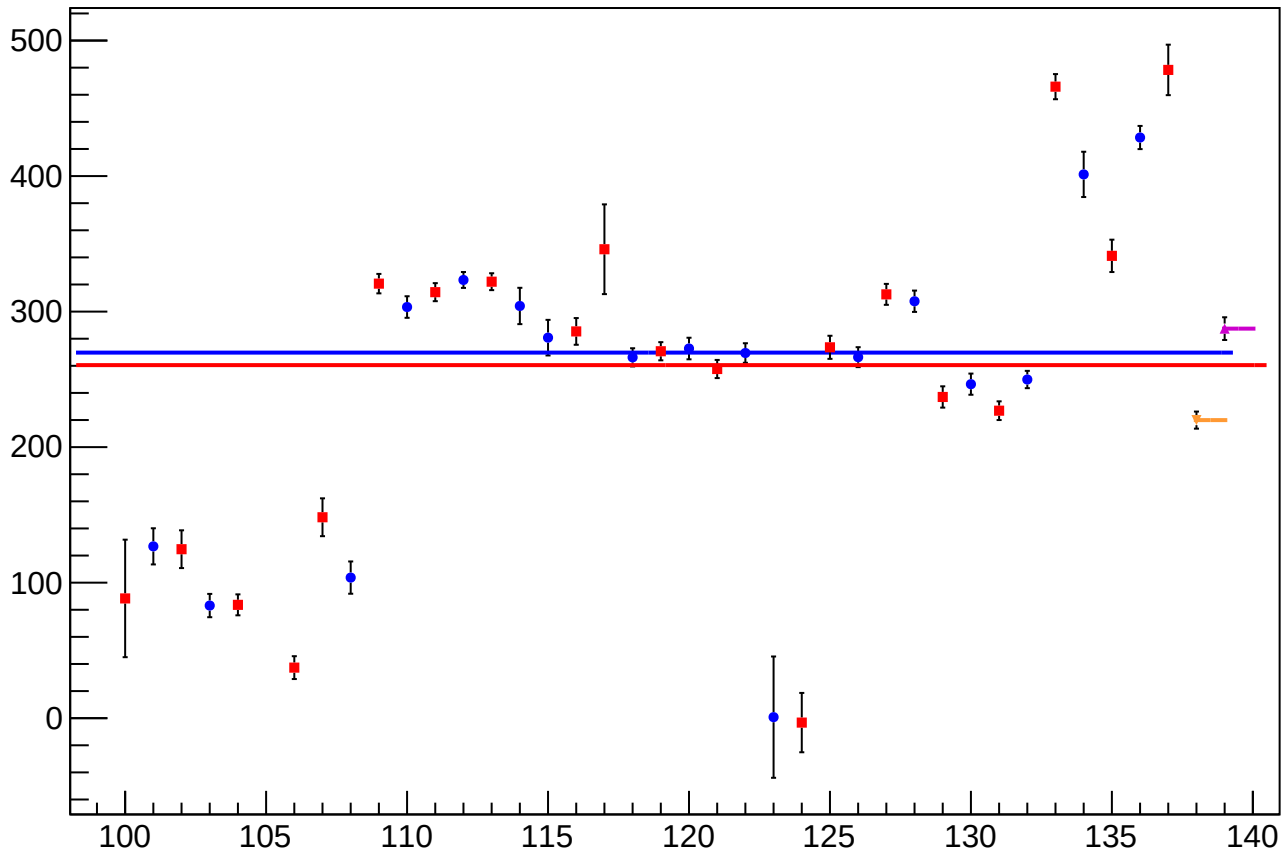
Right Out: 9.491+/-1.073 χ^2/NDF : 231.6/19

Left In: 24.284+/-13.324 χ^2/NDF : 0.0/0

6.345+/-1.065 χ^2/NDF : 283.2/17

9.587+/-1.070 χ^2/NDF : 232.8/20

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



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

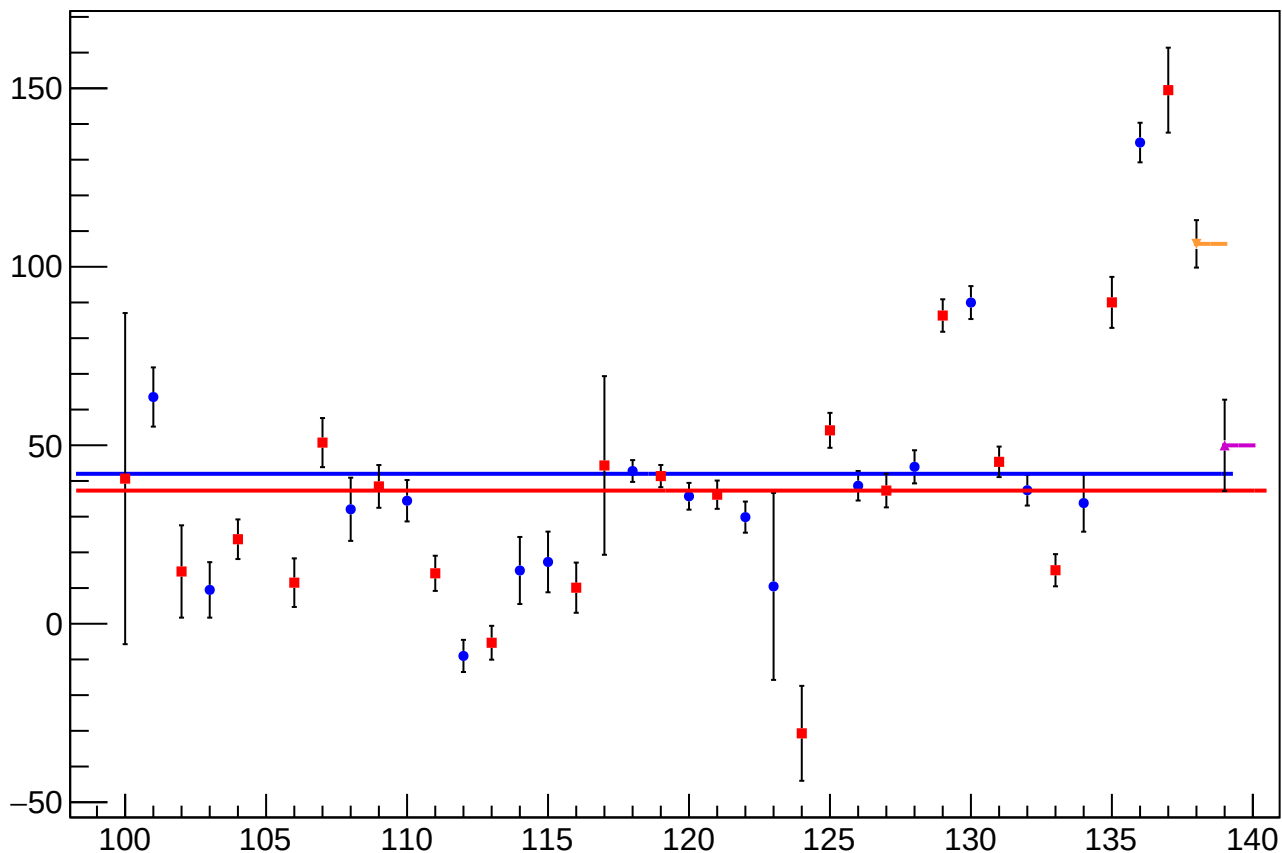
Right Out: 260.511 $\pm$ 1.974 χ^2 /NDF: 2548.2/19

Left In: 287.439 $\pm$ 8.379 χ^2 /NDF: 0.0/0

264.900 $\pm$ 1.968 χ^2 /NDF: 1430.3/17

261.928 $\pm$ 1.922 χ^2 /NDF: 2558.0/20

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2/NDF : 575.6/16

Left Out: 106.420 $\pm$ 6.645 χ^2/NDF : 0.0/0

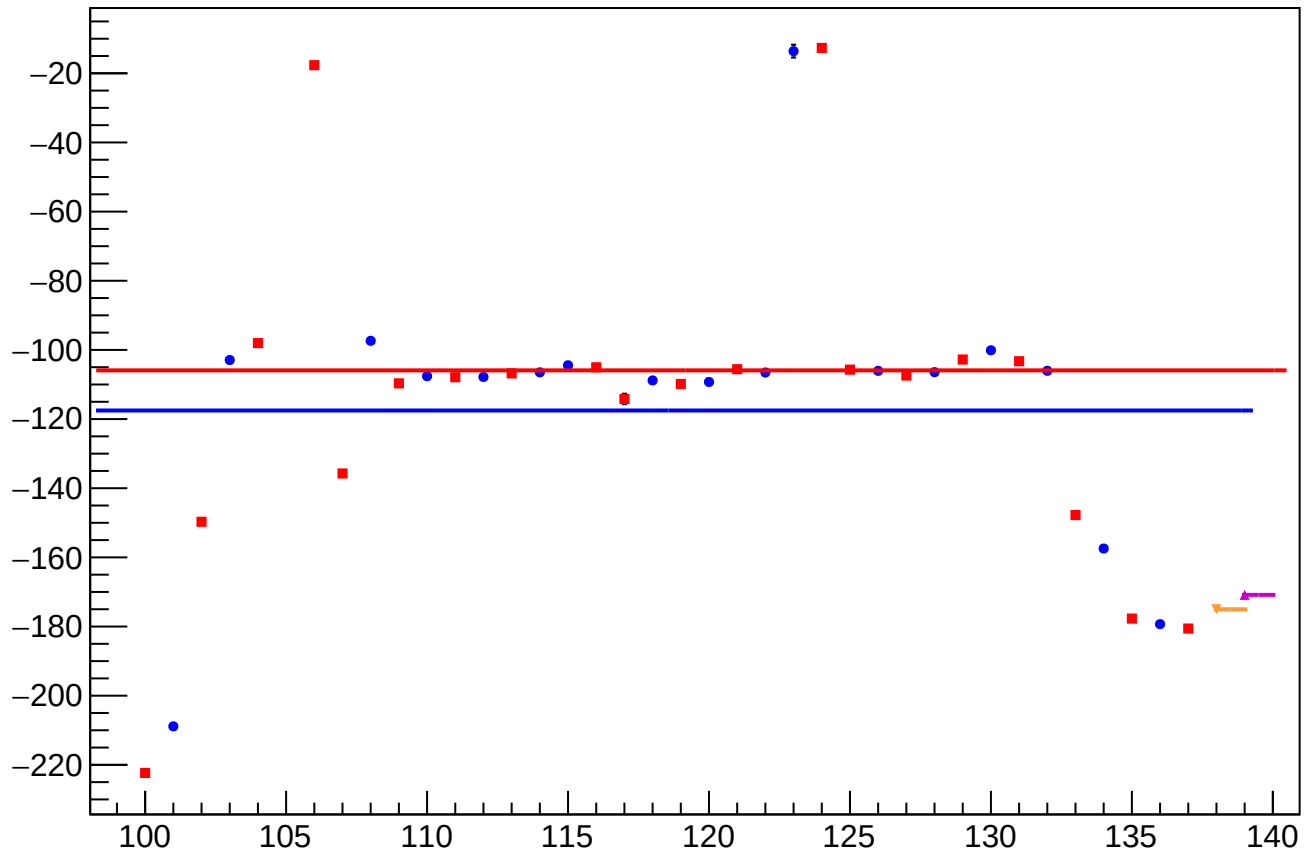
Right Out: 37.301 $\pm$ 1.236 χ^2/NDF : 472.7/19

Left In: 49.970 $\pm$ 12.796 χ^2/NDF : 0.0/0

44.226 $\pm$ 1.234 χ^2/NDF : 666.3/17

37.418 $\pm$ 1.230 χ^2/NDF : 473.7/20

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -175.003+/-0.250 χ^2/NDF : 0.0/0

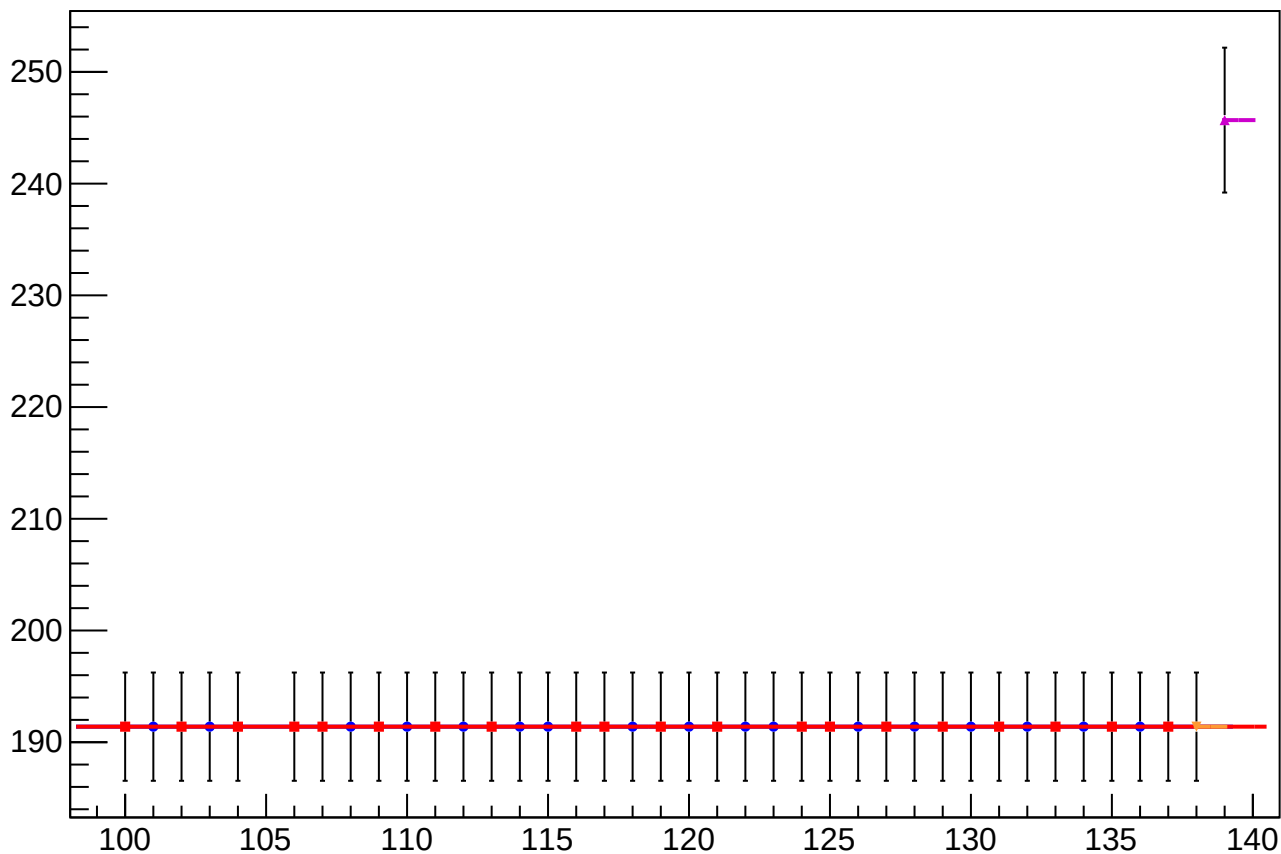
Right Out: -105.911+/-0.073 χ^2/NDF : 324334.0/19

Left In: -170.841+/-0.281 χ^2/NDF : 0.0/0

-122.607+/-0.074 χ^2/NDF : 190116.7/17

-109.998+/-0.070 χ^2/NDF : 374515.1/20

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 191.392 ± 1.175 χ^2/NDF : 0.0/16

Left Out: 191.392 ± 4.845 χ^2/NDF : 0.0/0

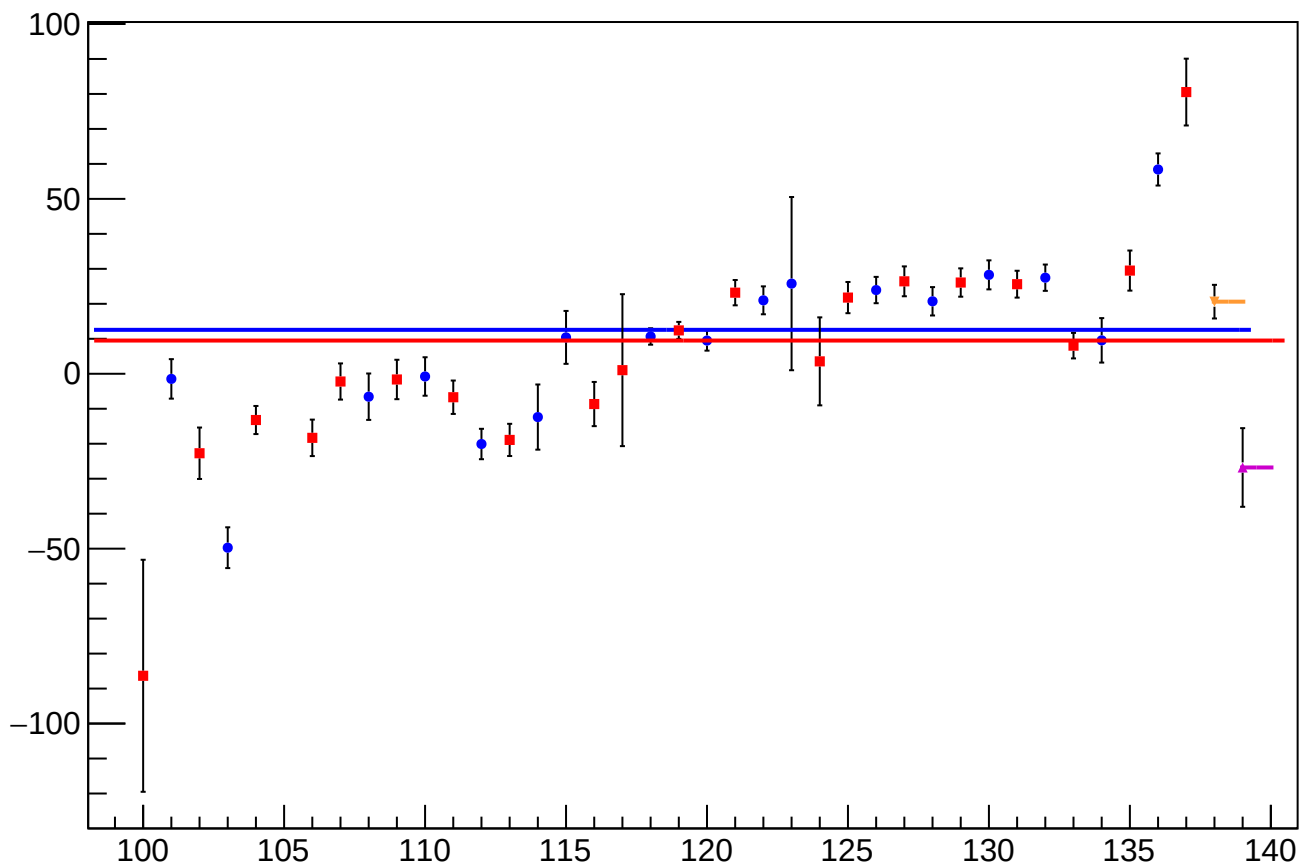
Right Out: 191.392 ± 1.083 χ^2/NDF : 0.0/19

Left In: 245.685 ± 6.484 χ^2/NDF : 0.0/0

191.392 ± 1.142 χ^2/NDF : 0.0/17

192.867 ± 1.069 χ^2/NDF : 68.2/20

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561+/-1.056 χ^2 /NDF: 347.7/16

Left Out: 20.615+/-4.809 χ^2 /NDF: 0.0/0

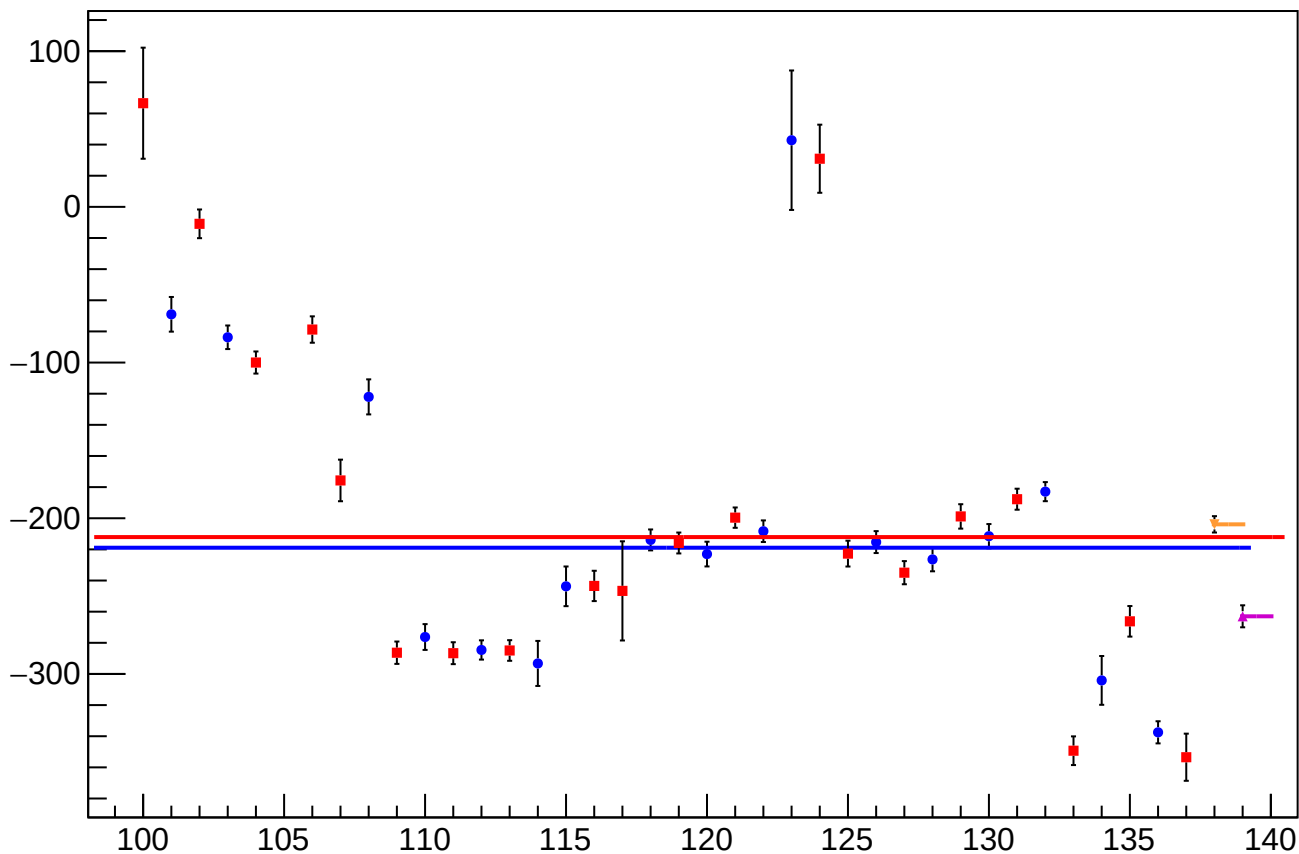
Right Out: 9.499+/-1.049 χ^2 /NDF: 296.4/19

Left In: -26.790+/-11.243 χ^2 /NDF: 0.0/0

12.932+/-1.031 χ^2 /NDF: 350.4/17

9.186+/-1.045 χ^2 /NDF: 306.7/20

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF : 1146.6/16

Left Out: -203.906+/-5.253 χ^2/NDF : 0.0/0

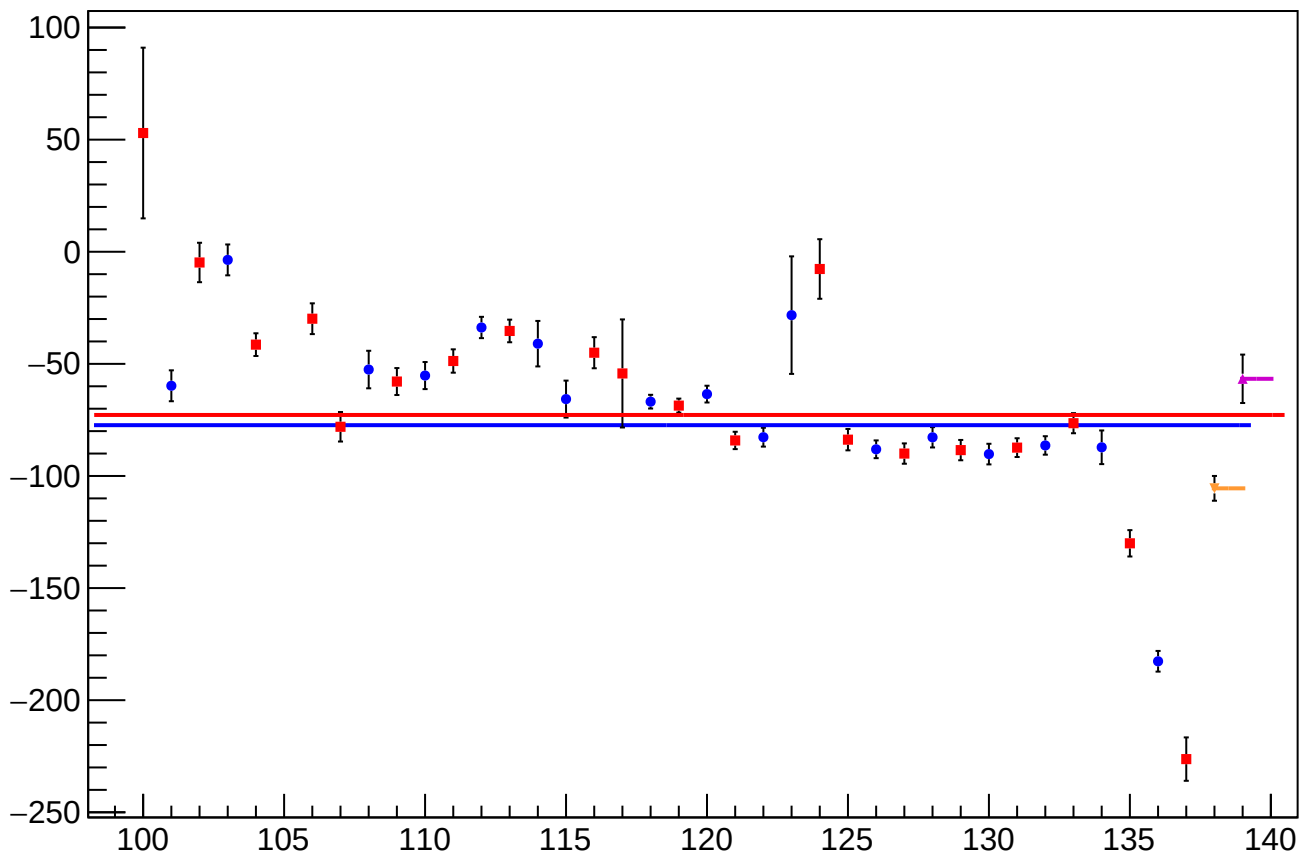
Right Out: -212.094+/-1.921 χ^2/NDF : 1887.4/19

Left In: -262.978+/-7.070 χ^2/NDF : 0.0/0

-217.013+/-1.874 χ^2/NDF : 1153.8/17

-215.592+/-1.854 χ^2/NDF : 1935.6/20

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 $\chi^2/\text{NDF}: 817.2/16$

Left Out: -105.517 ± 5.527 $\chi^2/\text{NDF}: 0.0/0$

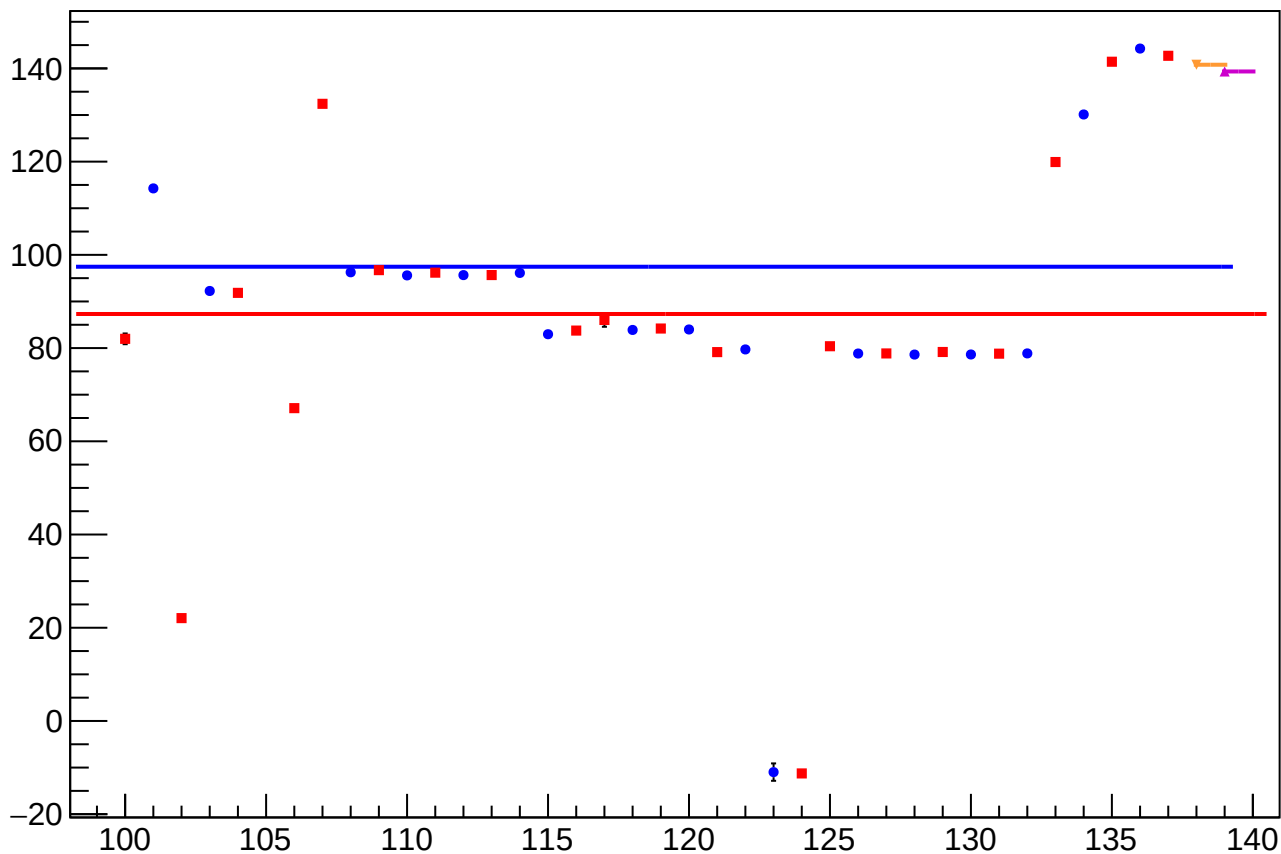
Right Out: -72.789 ± 1.207 $\chi^2/\text{NDF}: 673.5/19$

Left In: -56.663 ± 10.798 $\chi^2/\text{NDF}: 0.0/0$

-78.650 ± 1.191 $\chi^2/\text{NDF}: 842.0/17$

-72.590 ± 1.200 $\chi^2/\text{NDF}: 675.7/20$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452+/-0.073 χ^2/NDF : 94476.4/16

Left Out: 140.788+/-0.208 χ^2/NDF : 0.0/0

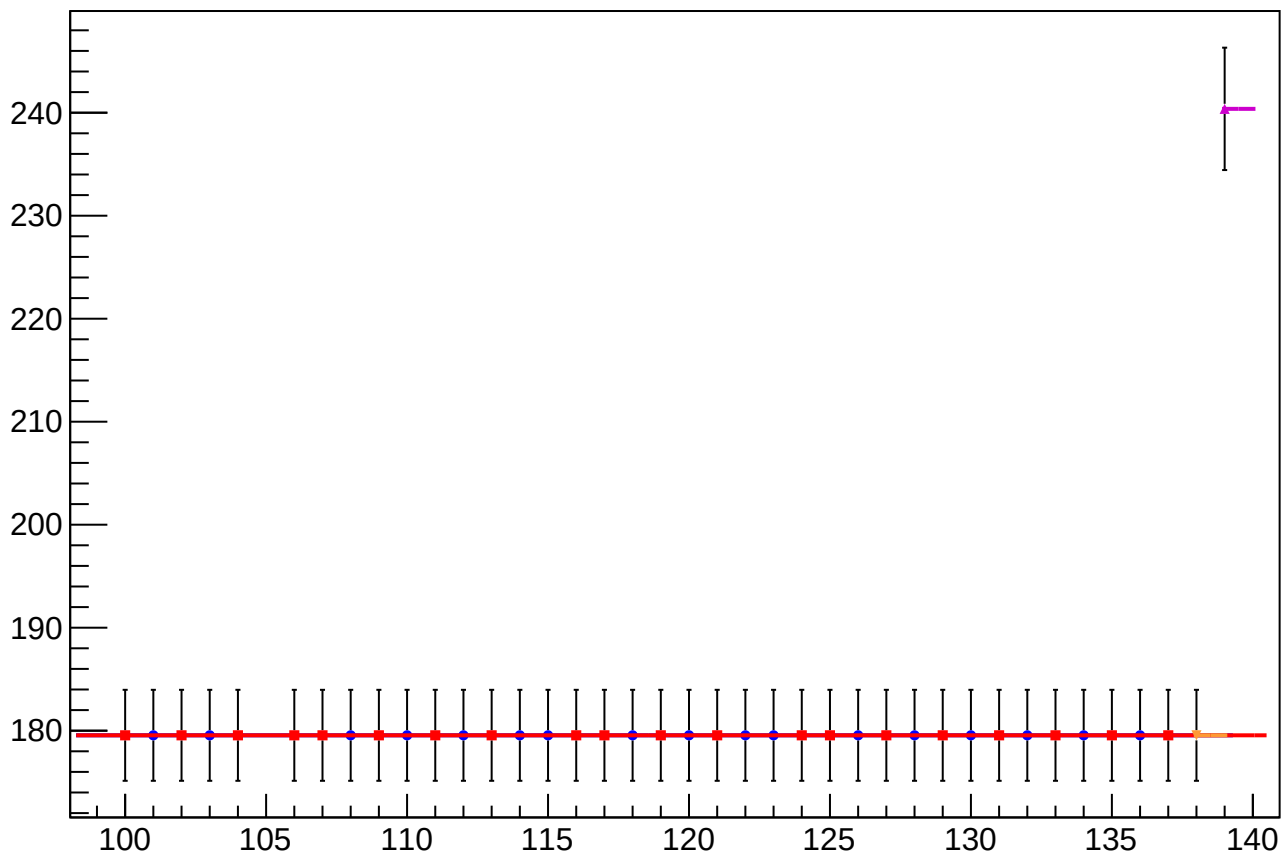
Right Out: 87.312+/-0.068 χ^2/NDF : 221838.4/19

Left In: 139.343+/-0.237 χ^2/NDF : 0.0/0

102.217+/-0.069 χ^2/NDF : 132949.2/17

91.293+/-0.066 χ^2/NDF : 266412.1/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 179.552 $\pm$ 1.071 χ^2 /NDF: 0.0/16

179.552 $\pm$ 1.041 χ^2 /NDF: 0.0/17

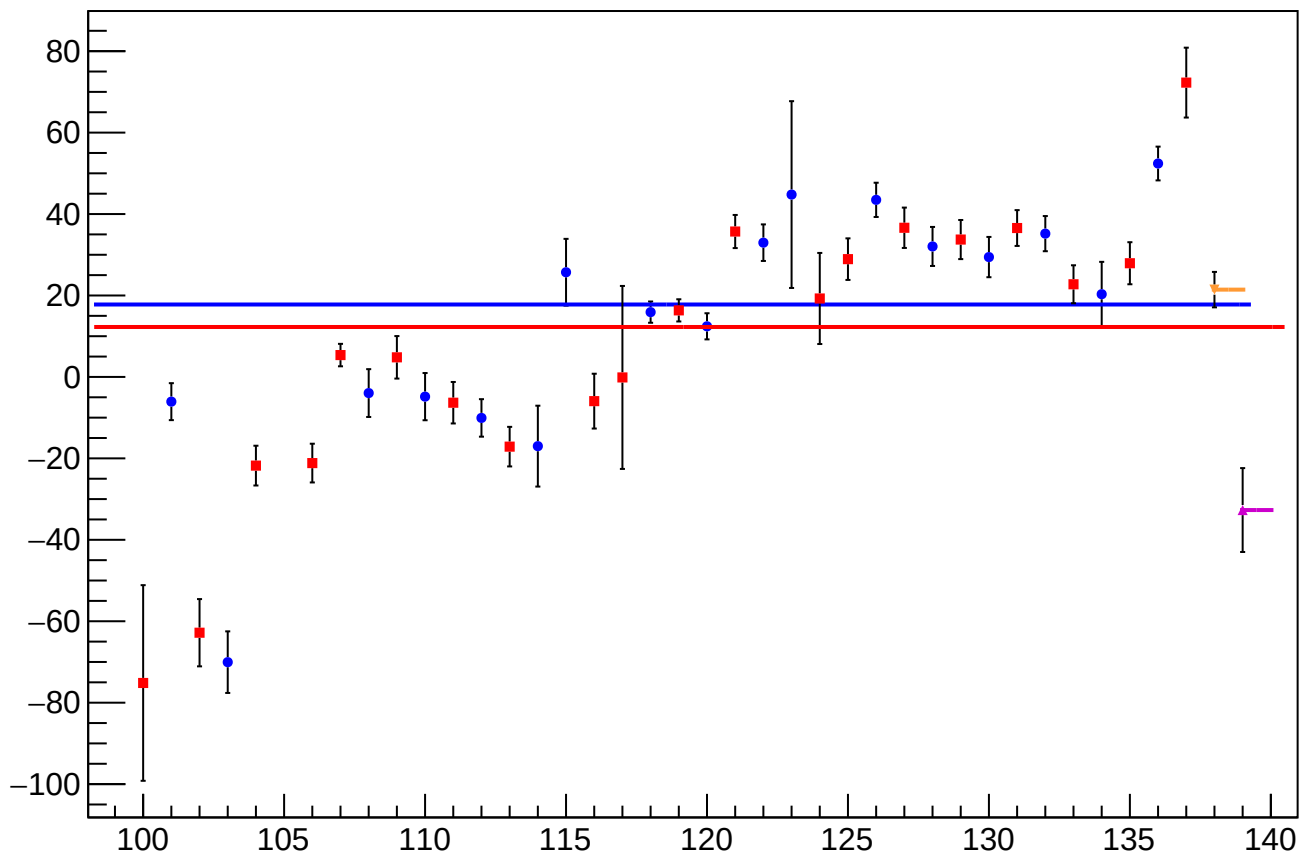
Left Out: 179.552 $\pm$ 4.416 χ^2 /NDF: 0.0/0

Right Out: 179.552 $\pm$ 0.988 χ^2 /NDF: 0.0/19

181.187 $\pm$ 0.974 χ^2 /NDF: 102.0/20

Left In: 240.374 $\pm$ 5.941 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: 21.439 $\pm$ 4.354 χ^2 /NDF: 0.0/0

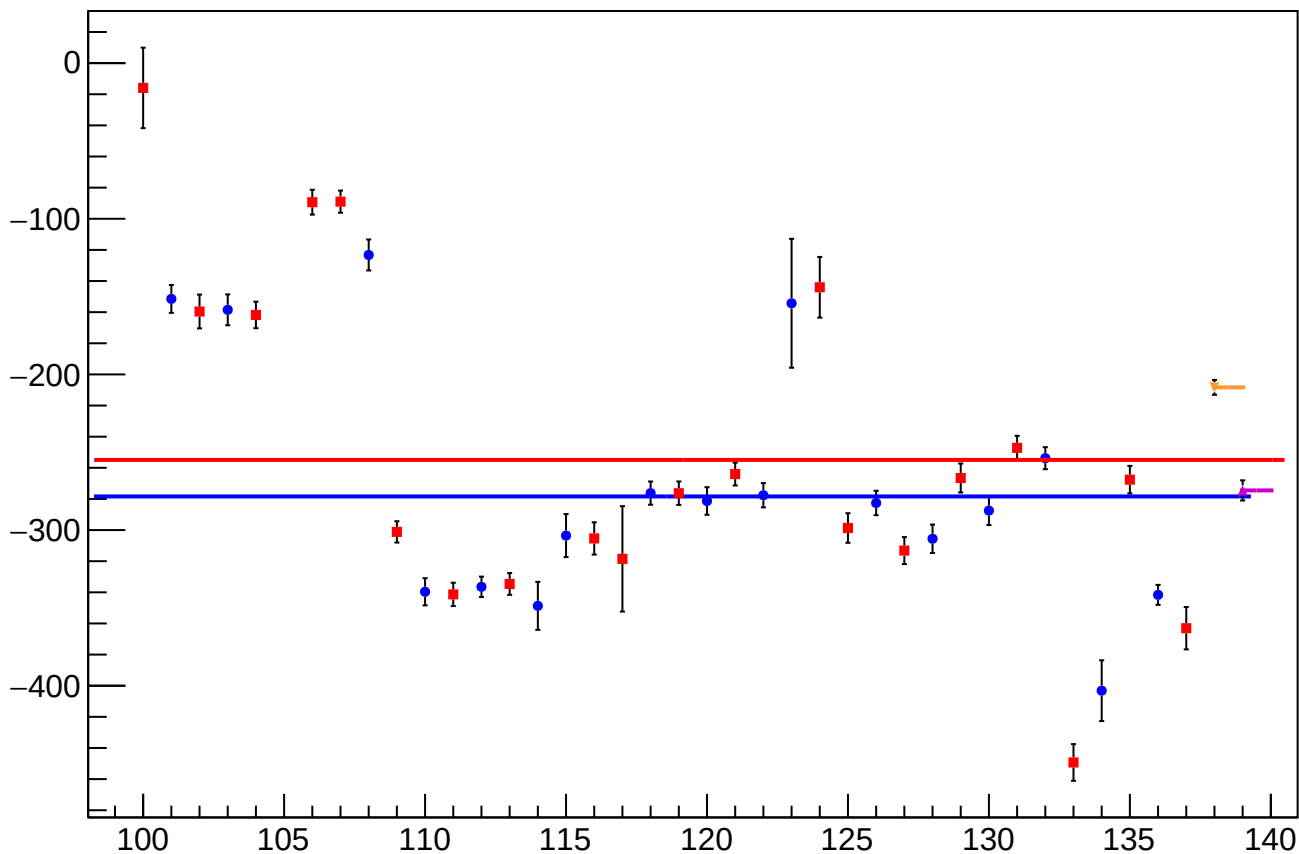
Right Out: 12.265 $\pm$ 1.085 χ^2 /NDF: 444.0/19

Left In: -32.691 $\pm$ 10.301 χ^2 /NDF: 0.0/0

18.023 $\pm$ 1.109 χ^2 /NDF: 395.8/17

11.772 $\pm$ 1.079 χ^2 /NDF: 462.9/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393+/-2.168 χ^2/NDF : 910.5/16

Left Out: -208.304+/-4.787 χ^2/NDF : 0.0/0

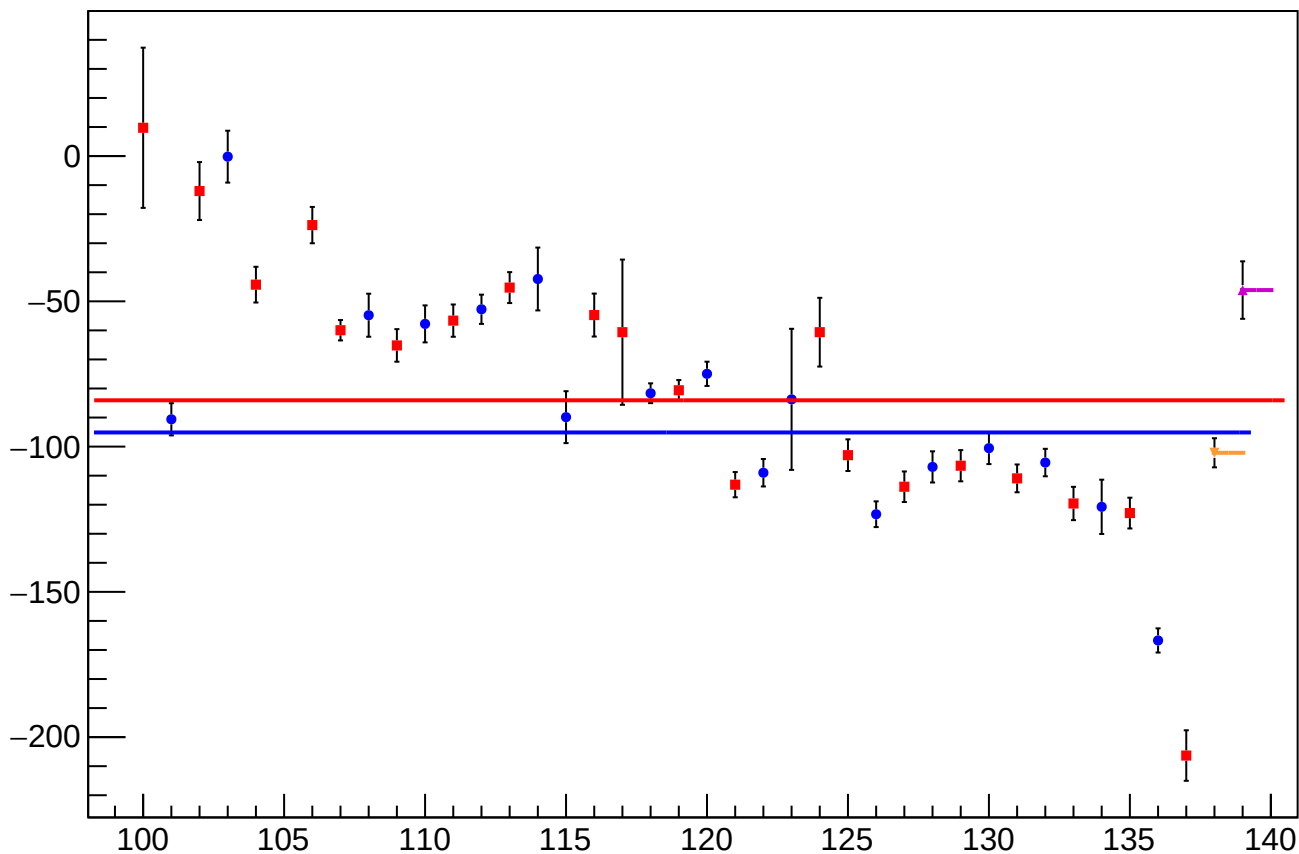
Right Out: -254.929+/-2.017 χ^2/NDF : 2042.0/19

Left In: -274.527+/-6.477 χ^2/NDF : 0.0/0

-266.469+/-1.975 χ^2/NDF : 1088.4/17

-256.661+/-1.925 χ^2/NDF : 2050.4/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 $\pm$ 1.322 χ^2 /NDF: 674.9/16

Left Out: -102.130 $\pm$ 5.012 χ^2 /NDF: 0.0/0

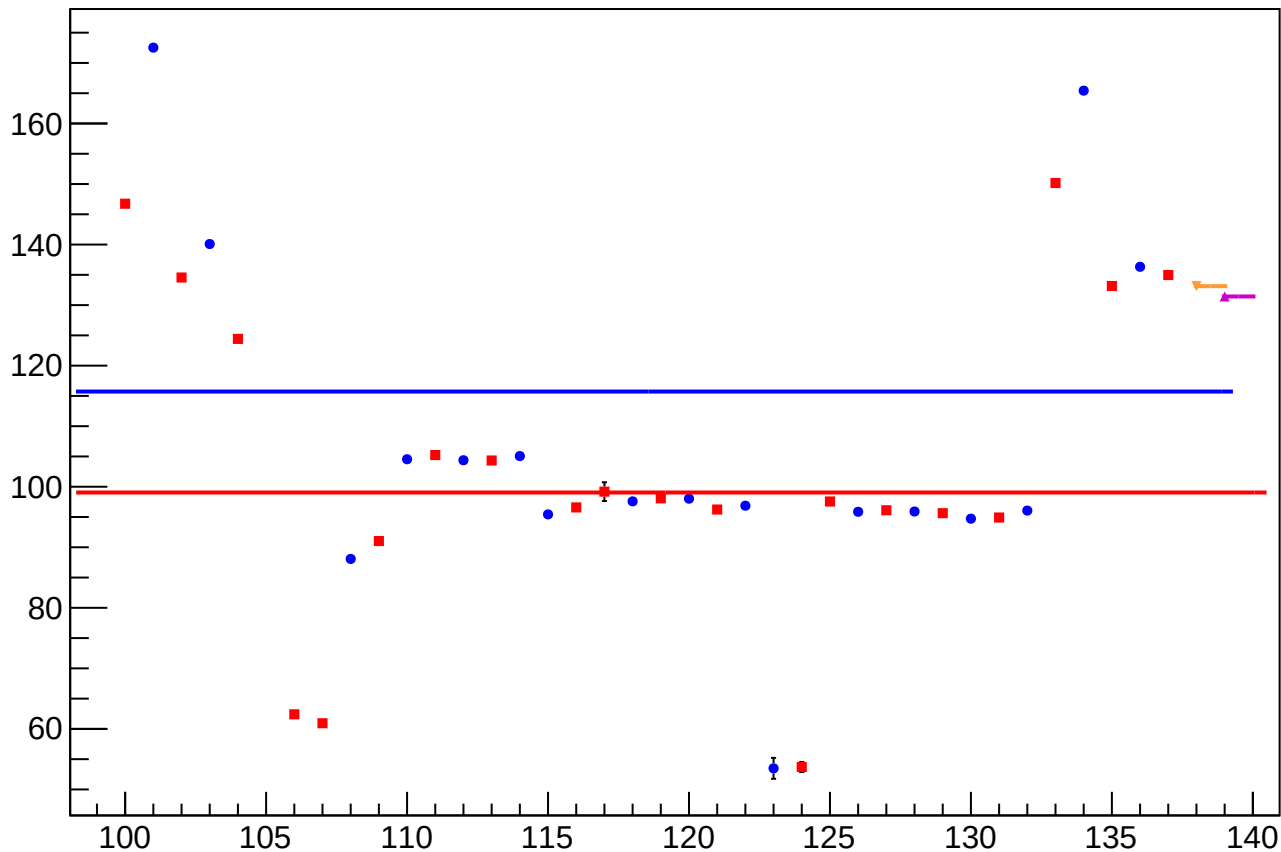
Right Out: -84.065 $\pm$ 1.257 χ^2 /NDF: 783.8/19

Left In: -46.127 $\pm$ 9.893 χ^2 /NDF: 0.0/0

-95.590 $\pm$ 1.279 χ^2 /NDF: 676.7/17

-83.462 $\pm$ 1.247 χ^2 /NDF: 798.2/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724+/-0.078 χ^2/NDF : 106388.1/16

Left Out: 133.130+/-0.190 χ^2/NDF : 0.0/0

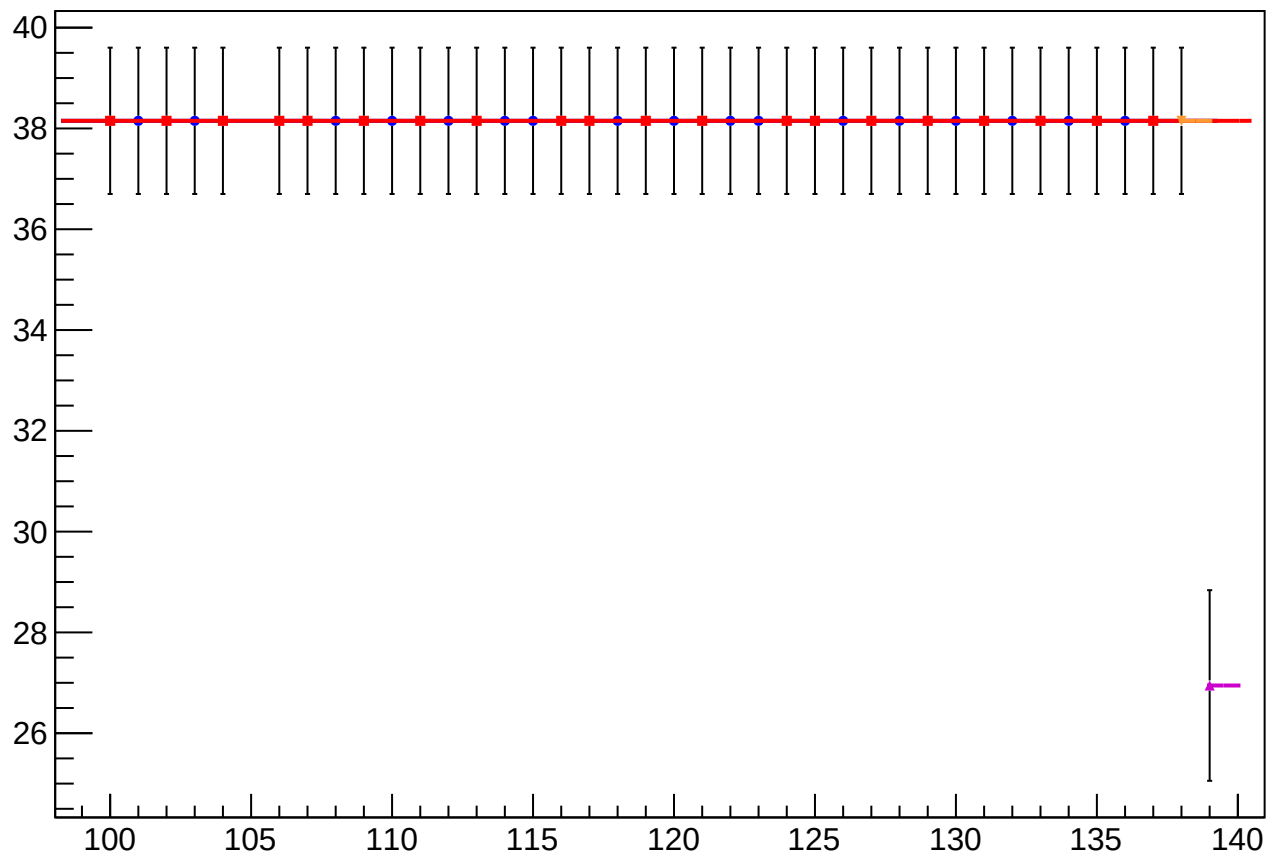
Right Out: 99.049+/-0.068 χ^2/NDF : 173463.3/19

Left In: 131.427+/-0.217 χ^2/NDF : 0.0/0

118.227+/-0.072 χ^2/NDF : 113554.1/17

101.977+/-0.065 χ^2/NDF : 193705.5/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 38.151 $\pm$ 0.352 χ^2 /NDF: 0.0/16

Left Out: 38.151 $\pm$ 1.452 χ^2 /NDF: 0.0/0

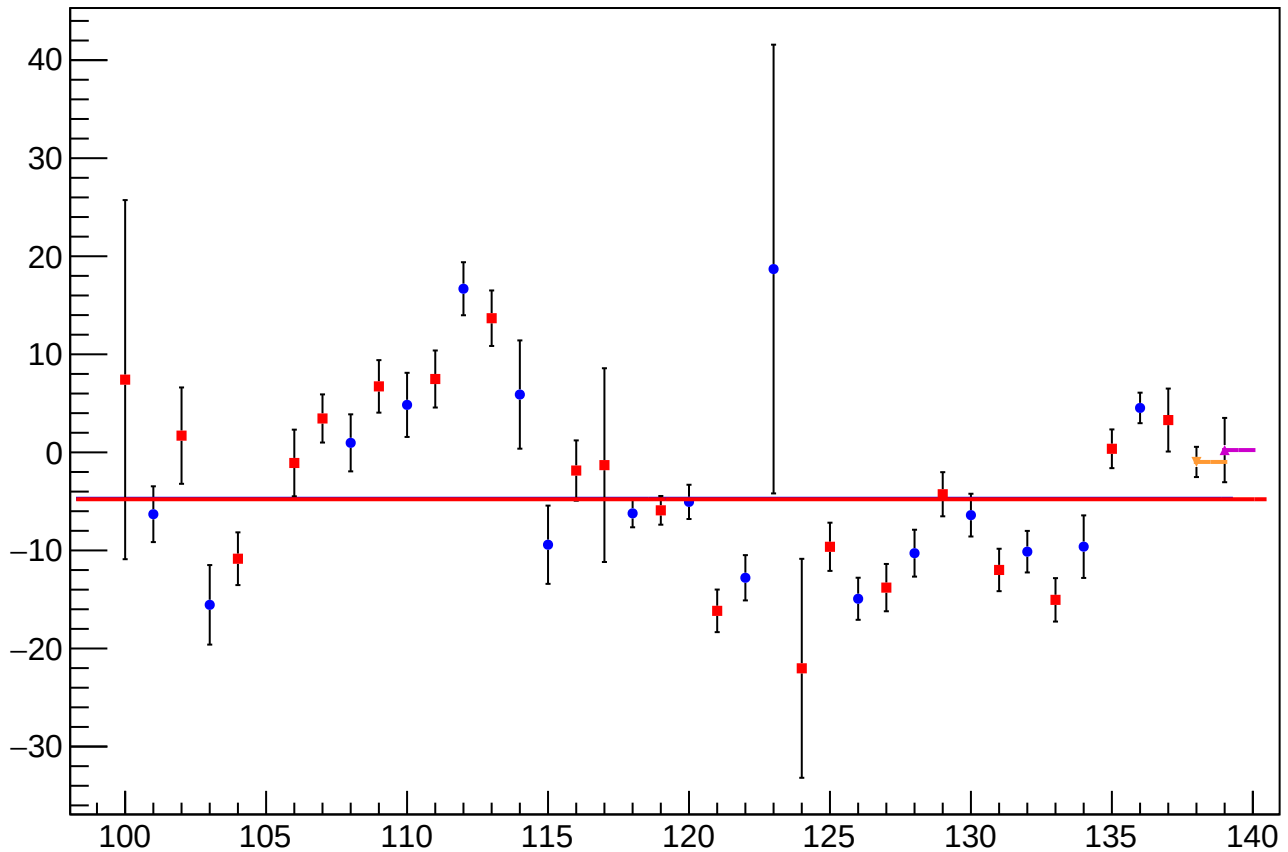
Right Out: 38.151 $\pm$ 0.325 χ^2 /NDF: 0.0/19

Left In: 26.947 $\pm$ 1.891 χ^2 /NDF: 0.0/0

38.151 $\pm$ 0.342 χ^2 /NDF: 0.0/17

37.831 $\pm$ 0.320 χ^2 /NDF: 34.1/20

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 $\pm$ 0.580 χ^2 /NDF: 174.8/16

Left Out: -0.976 $\pm$ 1.541 χ^2 /NDF:0.0/0

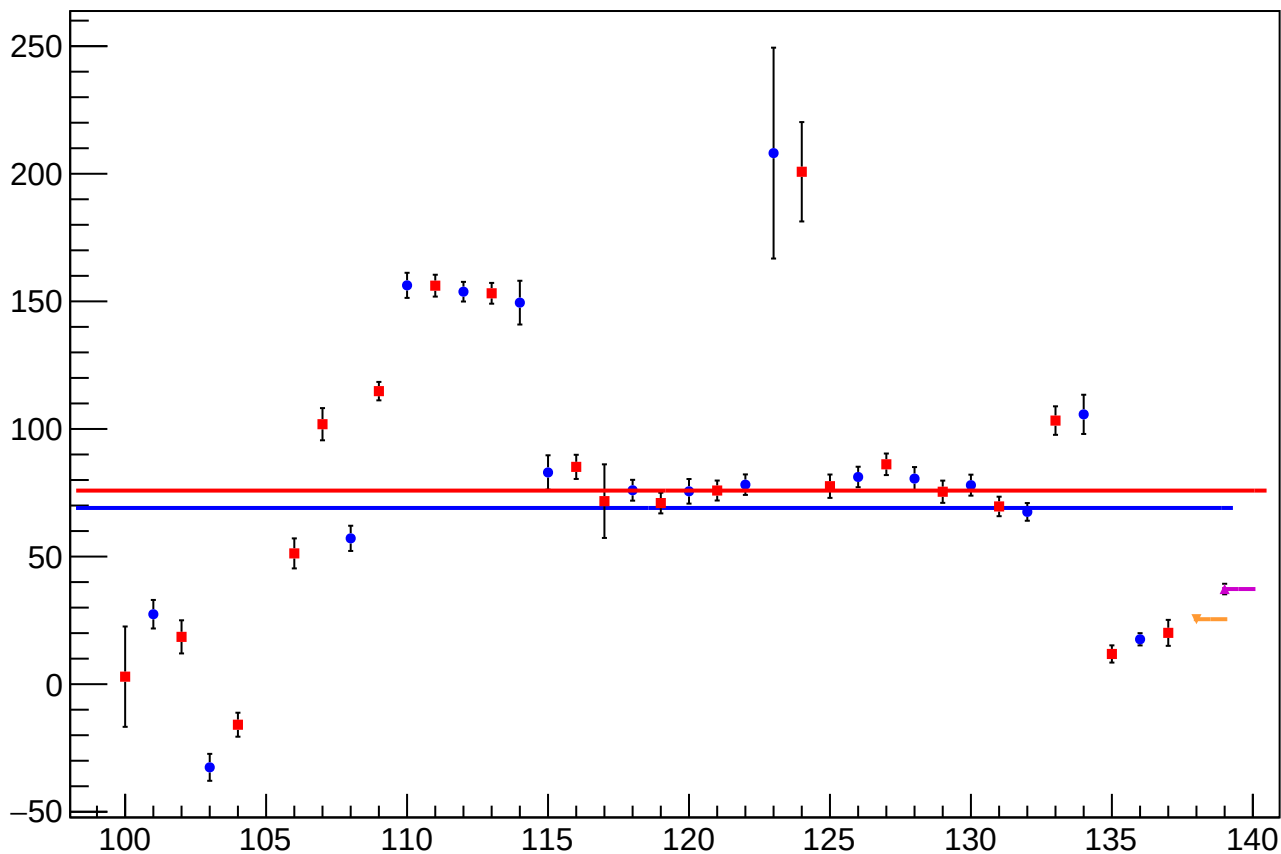
Right Out: -4.780 $\pm$ 0.585 χ^2 /NDF: 193.6/19

Left In: 0.236 $\pm$ 3.278 χ^2 /NDF:0.0/0

-4.265 $\pm$ 0.543 χ^2 /NDF: 180.0/17

-4.626 $\pm$ 0.575 χ^2 /NDF: 195.9/20

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048+/-1.077 χ^2/NDF : 1847.9/16

Left Out: 25.458+/-1.575 χ^2/NDF : 0.0/0

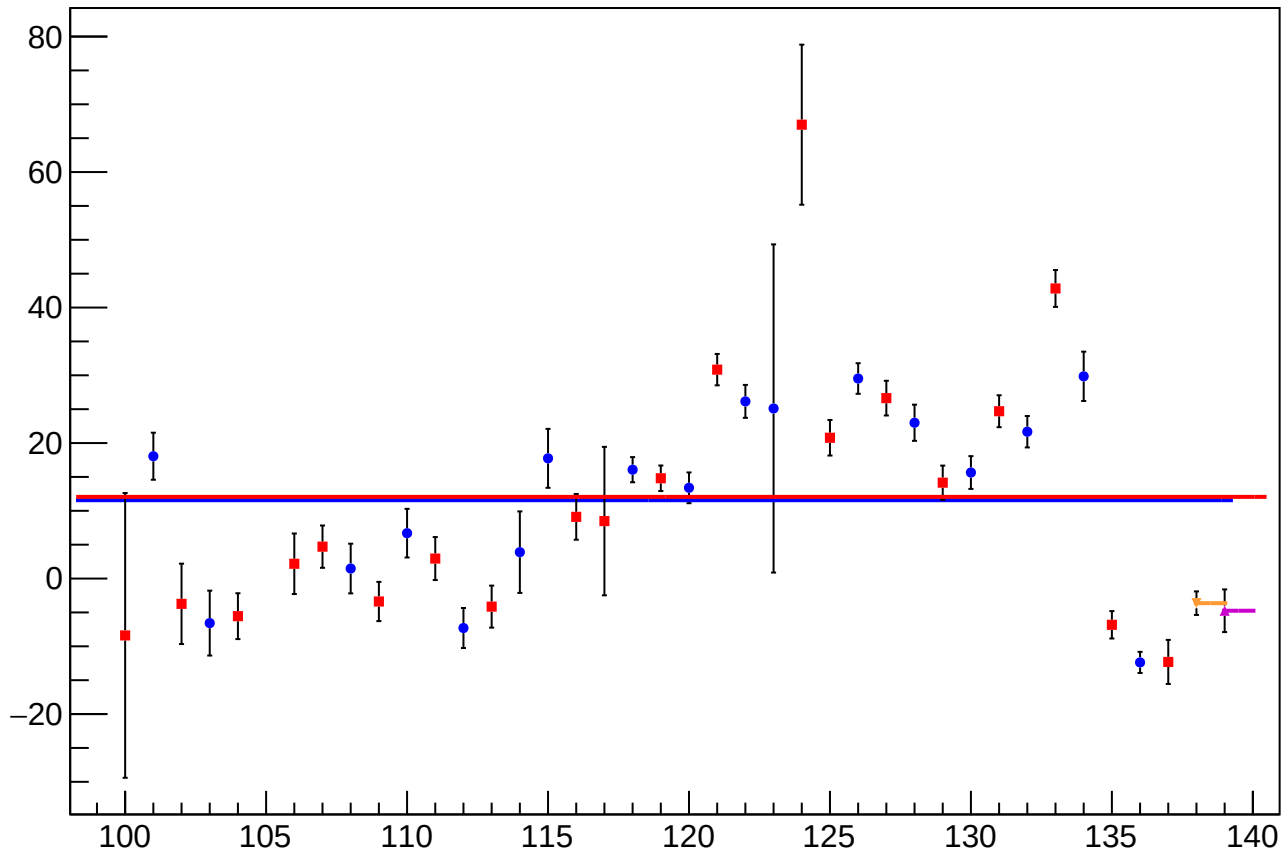
Right Out: 75.855+/-1.067 χ^2/NDF : 1895.1/19

Left In: 37.280+/-2.062 χ^2/NDF : 0.0/0

55.160+/-0.889 χ^2/NDF : 2370.1/17

67.713+/-0.947 χ^2/NDF : 2171.2/20

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565+/-0.658 χ^2/NDF : 478.2/16

Left Out: -3.632+/-1.738 χ^2/NDF : 0.0/0

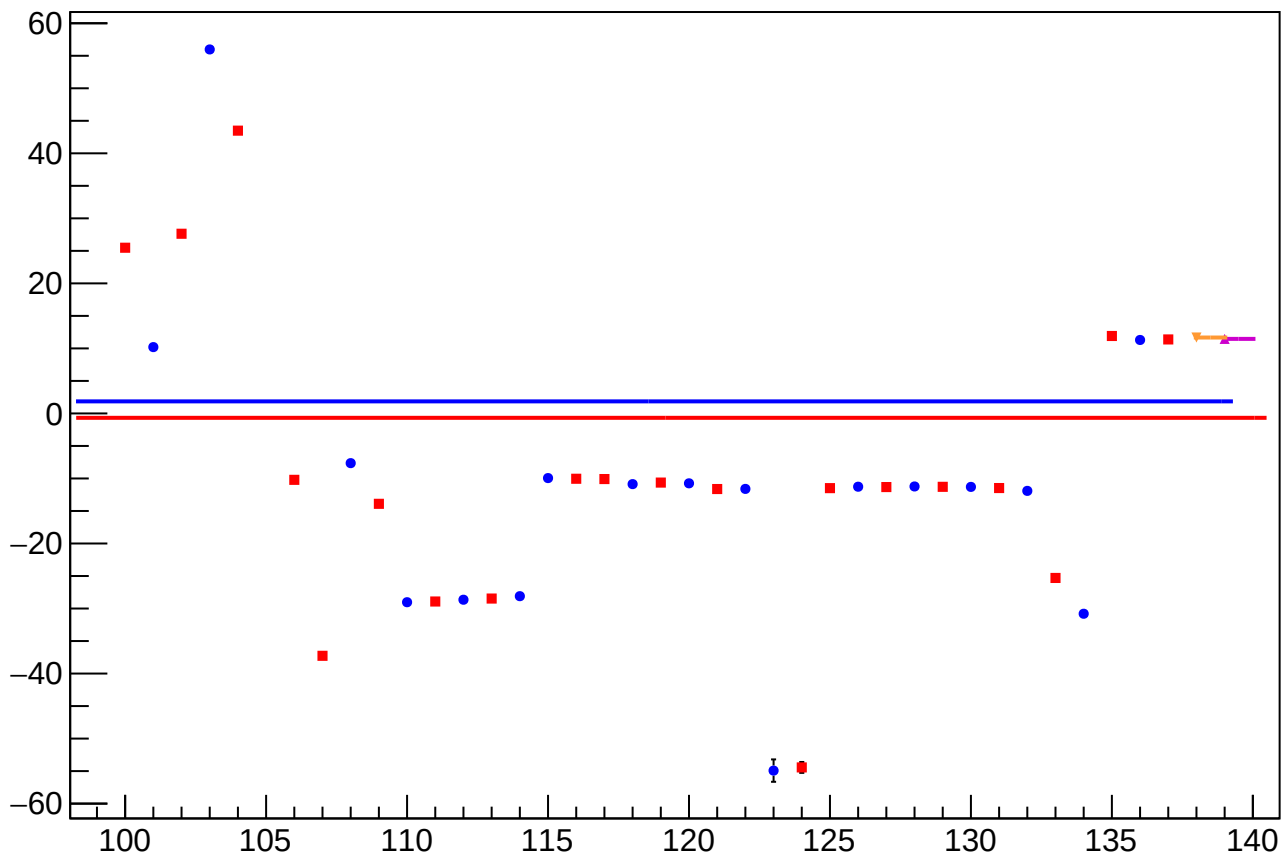
Right Out: 12.058+/-0.663 χ^2/NDF : 543.4/19

Left In: -4.749+/-3.149 χ^2/NDF : 0.0/0

9.659+/-0.616 χ^2/NDF : 545.1/17

11.344+/-0.649 χ^2/NDF : 570.7/20

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 1.855+/-0.037 χ^2/NDF : 359414.1/16

Left Out: 11.673+/-0.061 χ^2/NDF : 0.0/0

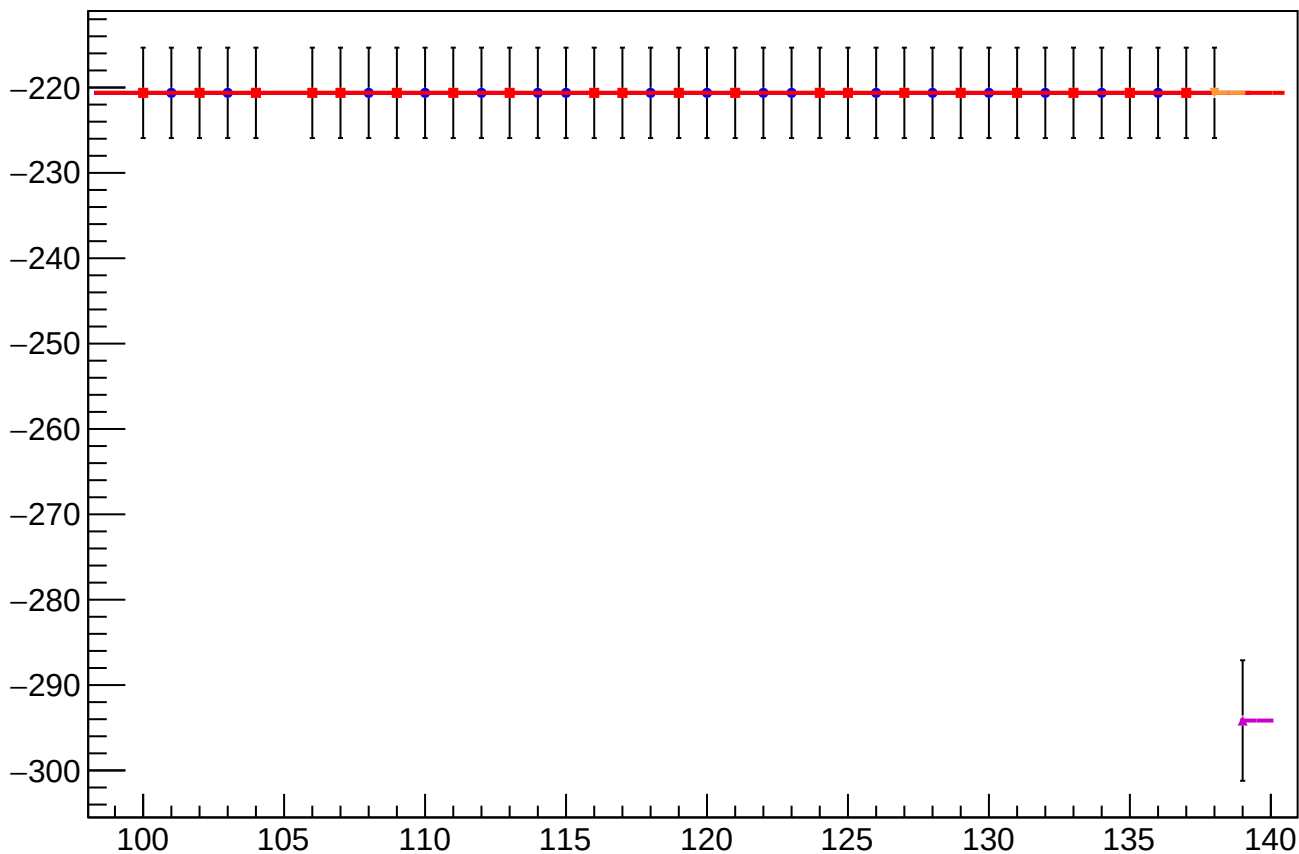
Right Out: -0.673+/-0.037 χ^2/NDF : 361828.1/19

Left In: 11.464+/-0.069 χ^2/NDF : 0.0/0

4.477+/-0.032 χ^2/NDF : 378218.1/17

2.034+/-0.033 χ^2/NDF : 385842.2/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -220.625 $\pm$ 1.284 χ^2 /NDF: 0.0/16

Left Out: -220.625 $\pm$ 5.294 χ^2 /NDF: 0.0/0

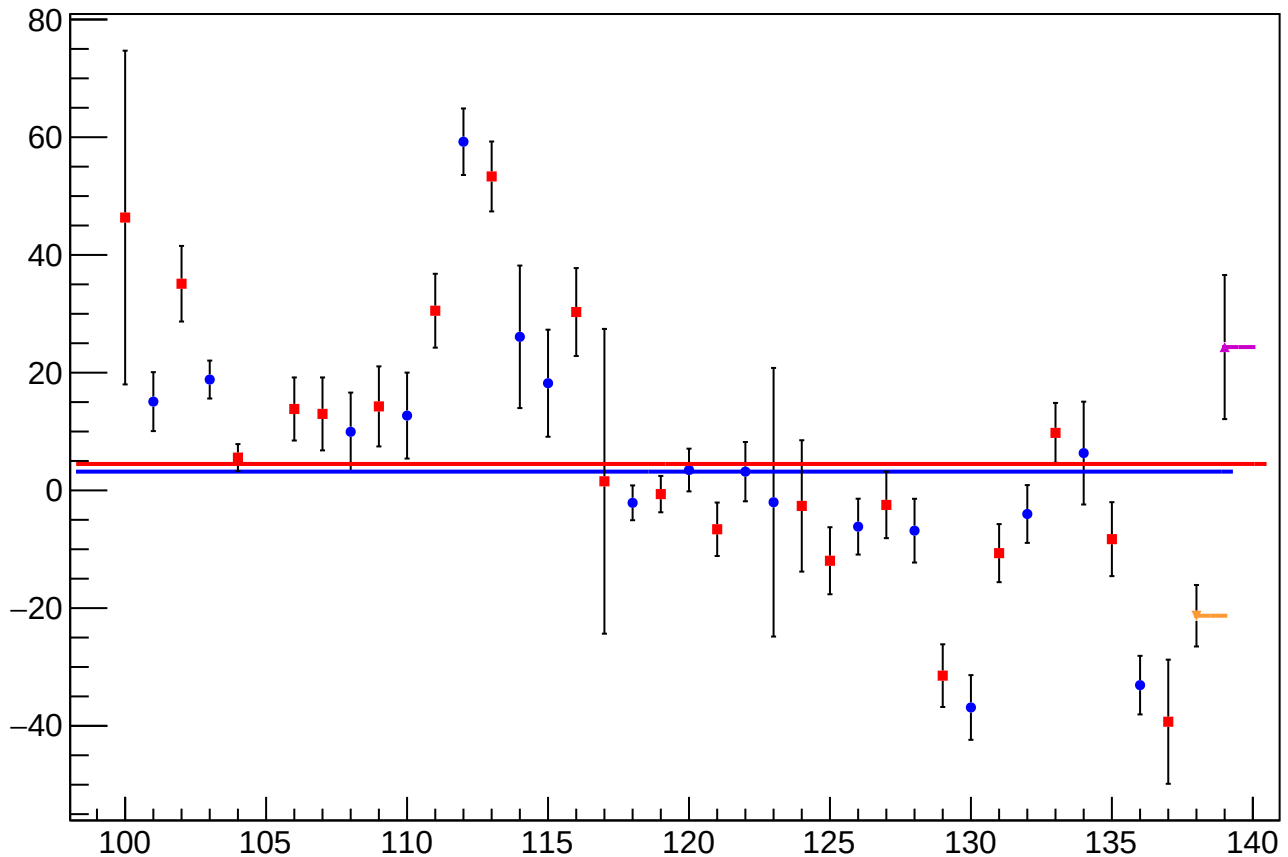
Right Out: -220.625 $\pm$ 1.184 χ^2 /NDF: 0.0/19

Left In: -294.157 $\pm$ 7.058 χ^2 /NDF: 0.0/0

-220.625 $\pm$ 1.248 χ^2 /NDF: 0.0/17

-222.637 $\pm$ 1.167 χ^2 /NDF: 105.6/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188 $\pm$ 1.225 χ^2 /NDF: 255.6/16

Left Out: -21.292 $\pm$ 5.225 χ^2 /NDF: 0.0/0

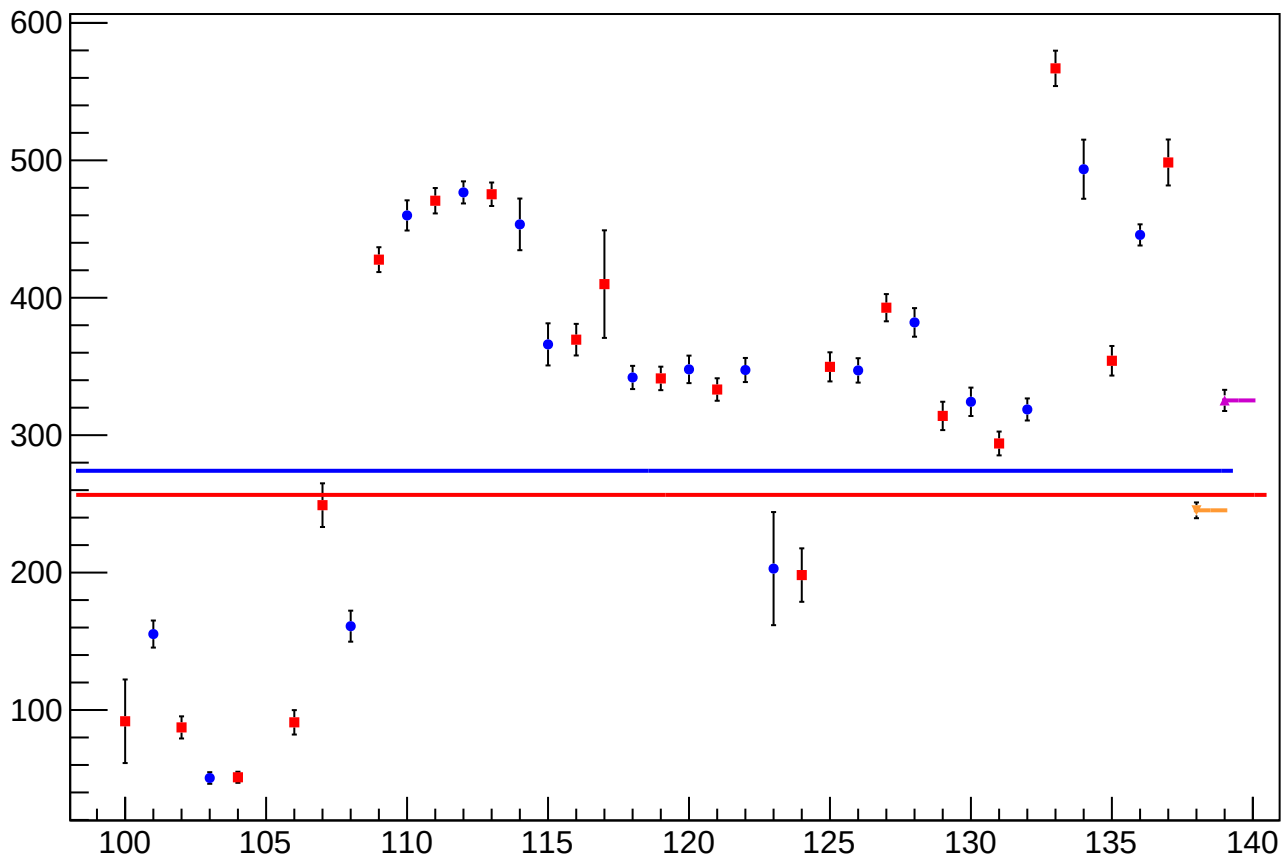
Right Out: 4.492 $\pm$ 1.158 χ^2 /NDF: 225.4/19

Left In: 24.349 $\pm$ 12.238 χ^2 /NDF: 0.0/0

1.912 $\pm$ 1.193 χ^2 /NDF: 276.4/17

4.668 $\pm$ 1.153 χ^2 /NDF: 228.0/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079+/-2.191 χ^2/NDF : 5112.0/16

Left Out: 245.312+/-5.739 χ^2/NDF : 0.0/0

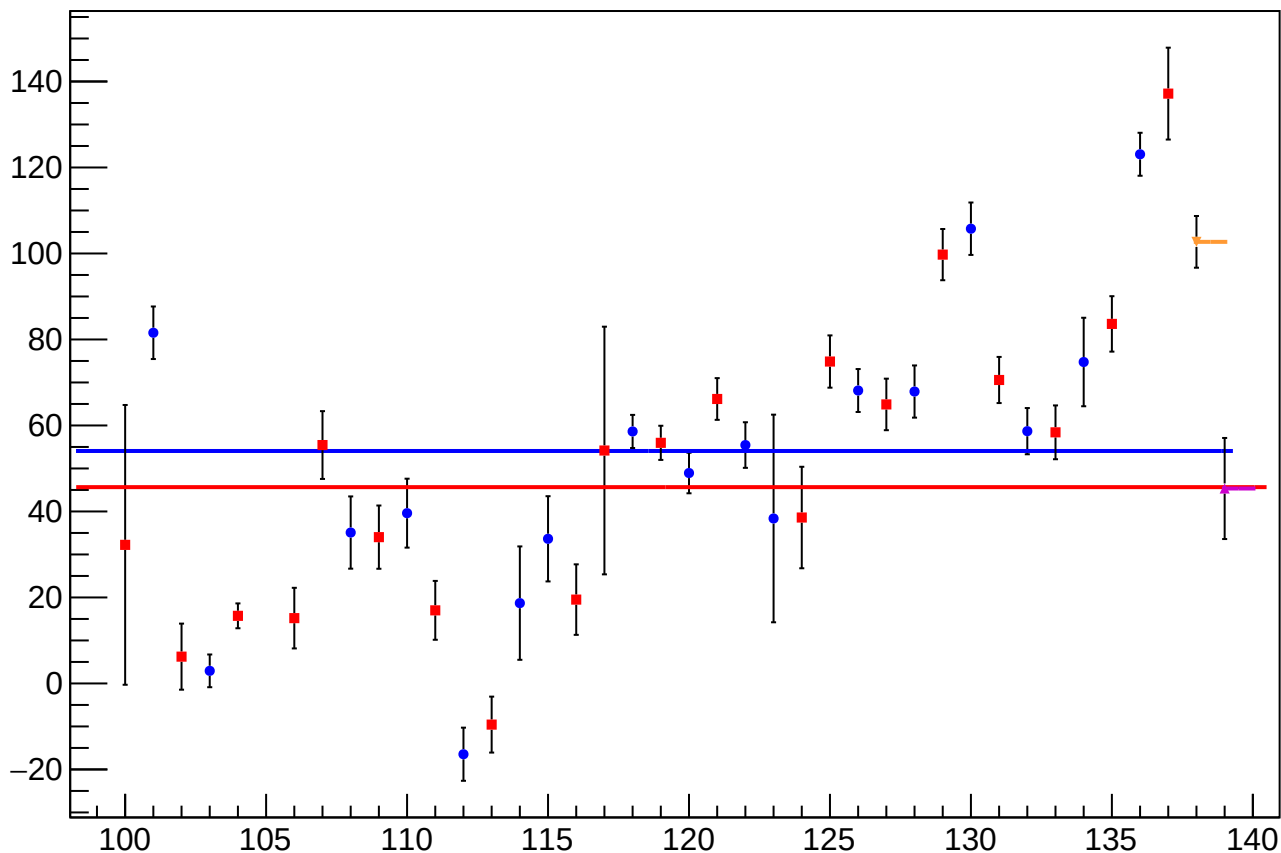
Right Out: 256.542+/-2.077 χ^2/NDF : 6459.5/19

Left In: 325.288+/-7.696 χ^2/NDF : 0.0/0

270.419+/-2.047 χ^2/NDF : 5133.9/17

261.211+/-2.005 χ^2/NDF : 6533.8/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 102.703 $\pm$ 6.015 χ^2 /NDF: 0.0/0

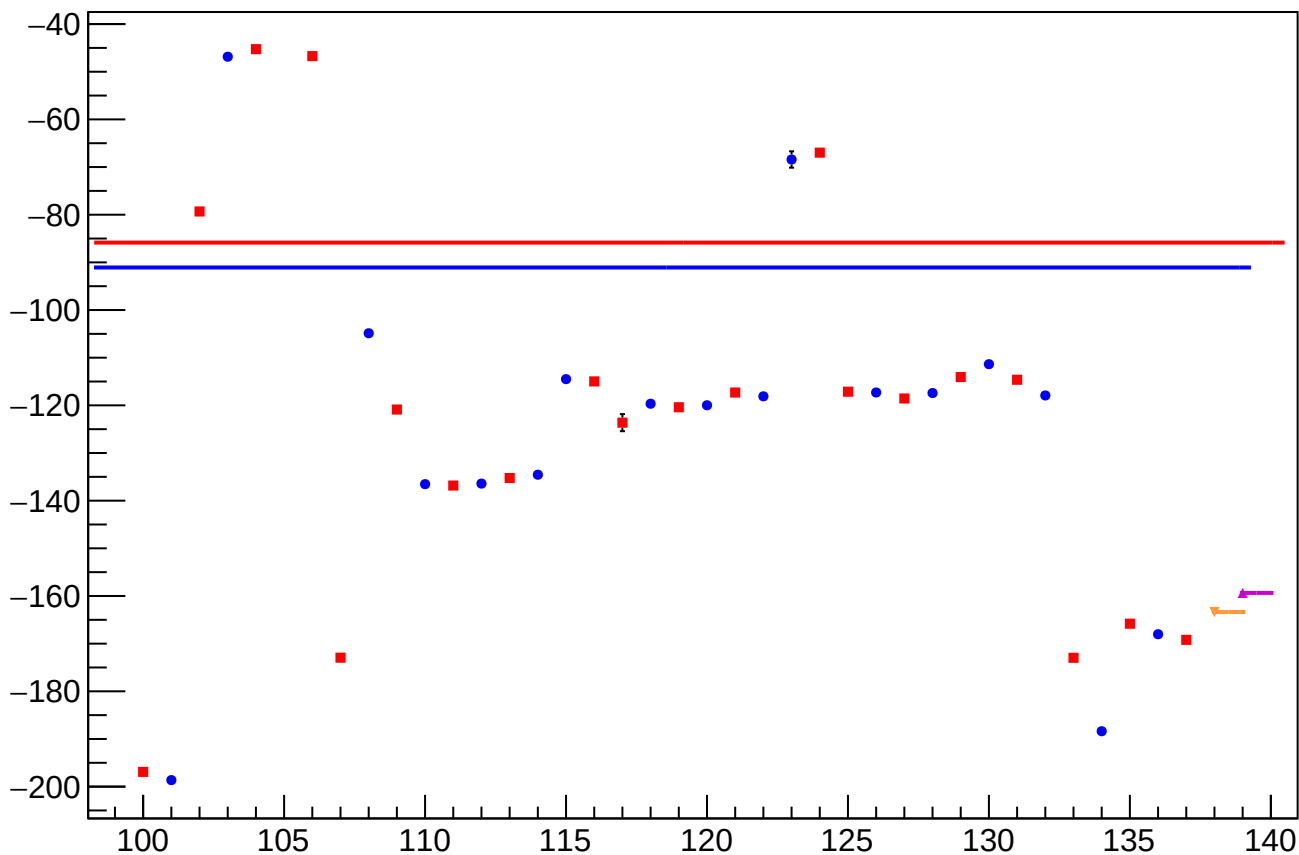
Right Out: 45.656 $\pm$ 1.358 χ^2 /NDF: 530.9/19

Left In: 45.339 $\pm$ 11.753 χ^2 /NDF: 0.0/0

56.634 $\pm$ 1.382 χ^2 /NDF: 696.3/17

45.652 $\pm$ 1.349 χ^2 /NDF: 530.9/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 $\pm$ 0.068 χ^2 /NDF: 534647.5/16

Left Out: -163.364 $\pm$ 0.228 χ^2 /NDF: 0.0/0

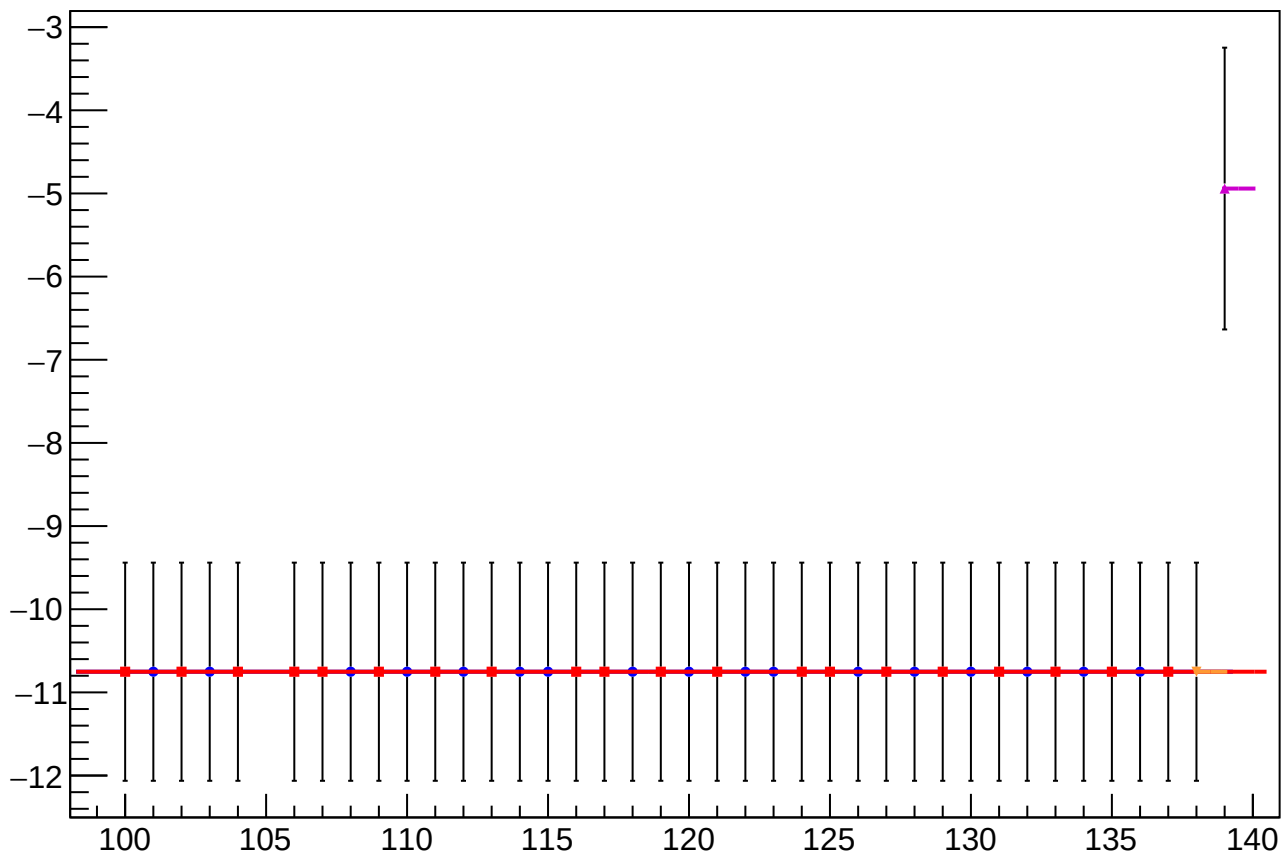
Right Out: -85.852 $\pm$ 0.065 χ^2 /NDF: 496339.6/19

Left In: -159.356 $\pm$ 0.258 χ^2 /NDF: 0.0/0

-96.904 $\pm$ 0.065 χ^2 /NDF: 627066.0/17

-90.246 $\pm$ 0.063 χ^2 /NDF: 572784.9/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: -10.752 ± 0.318 χ^2/NDF : 0.0/16

Left Out: -10.752 ± 1.312 χ^2/NDF : 0.0/0

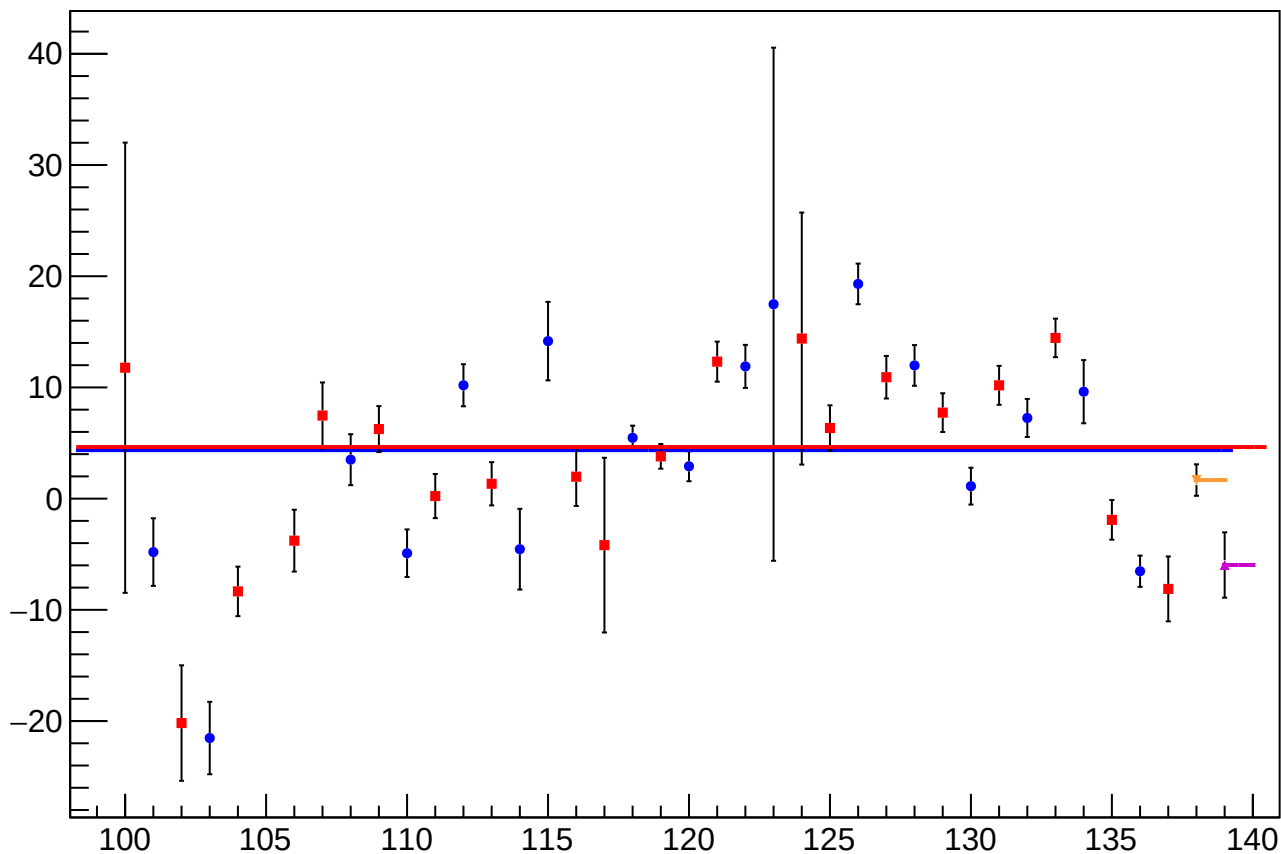
Right Out: -10.752 ± 0.293 χ^2/NDF : 0.0/19

Left In: -4.941 ± 1.694 χ^2/NDF : 0.0/0

-10.752 ± 0.309 χ^2/NDF : 0.0/17

-10.582 ± 0.289 χ^2/NDF : 11.4/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361+/-0.464 χ^2/NDF : 286.5/16

Left Out: 1.671+/-1.415 χ^2/NDF : 0.0/0

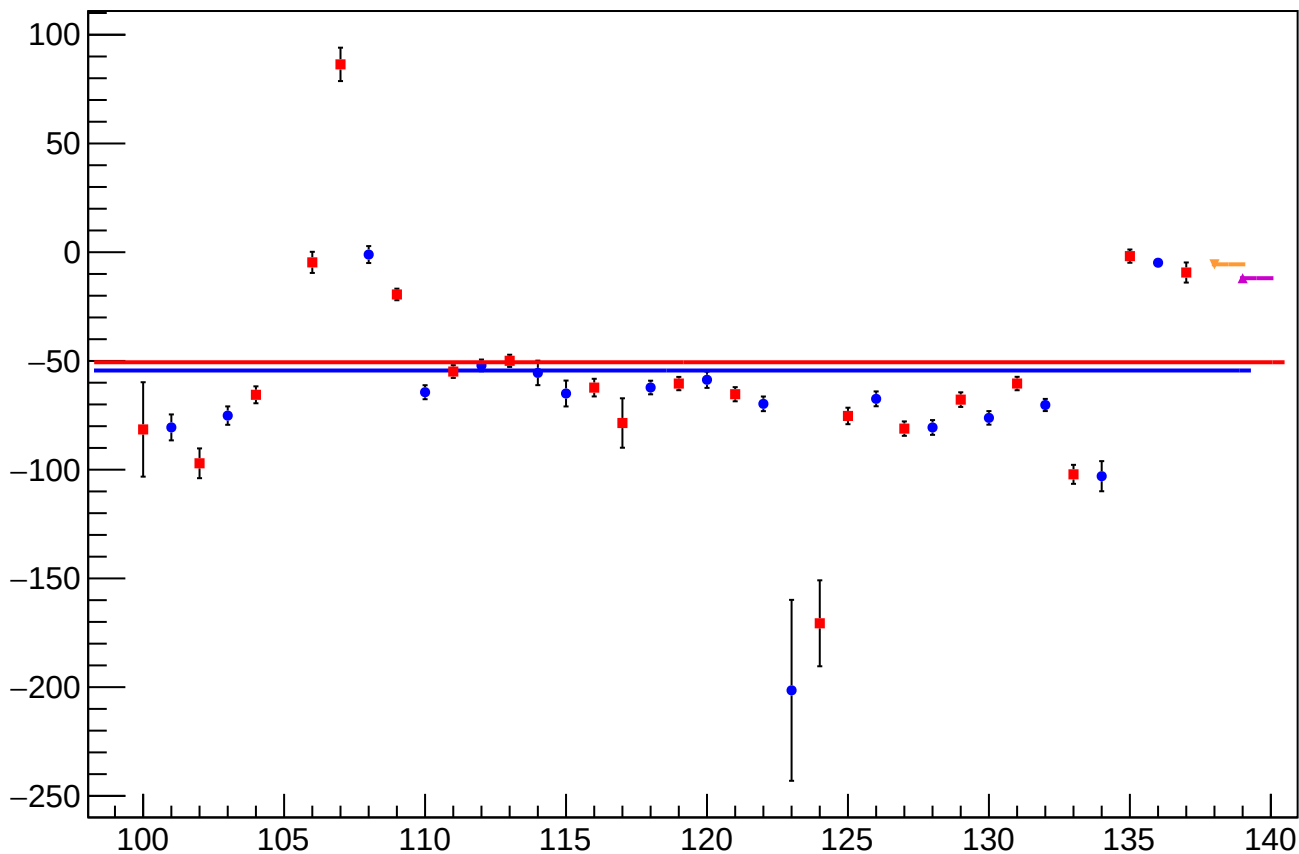
Right Out: 4.638+/-0.473 χ^2/NDF : 186.6/19

Left In: -5.968+/-2.937 χ^2/NDF : 0.0/0

4.099+/-0.441 χ^2/NDF : 289.8/17

4.369+/-0.467 χ^2/NDF : 199.4/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 $\pm$ 0.863 χ^2 /NDF: 1013.4/16

Left Out: -5.570 $\pm$ 1.423 χ^2 /NDF: 0.0/0

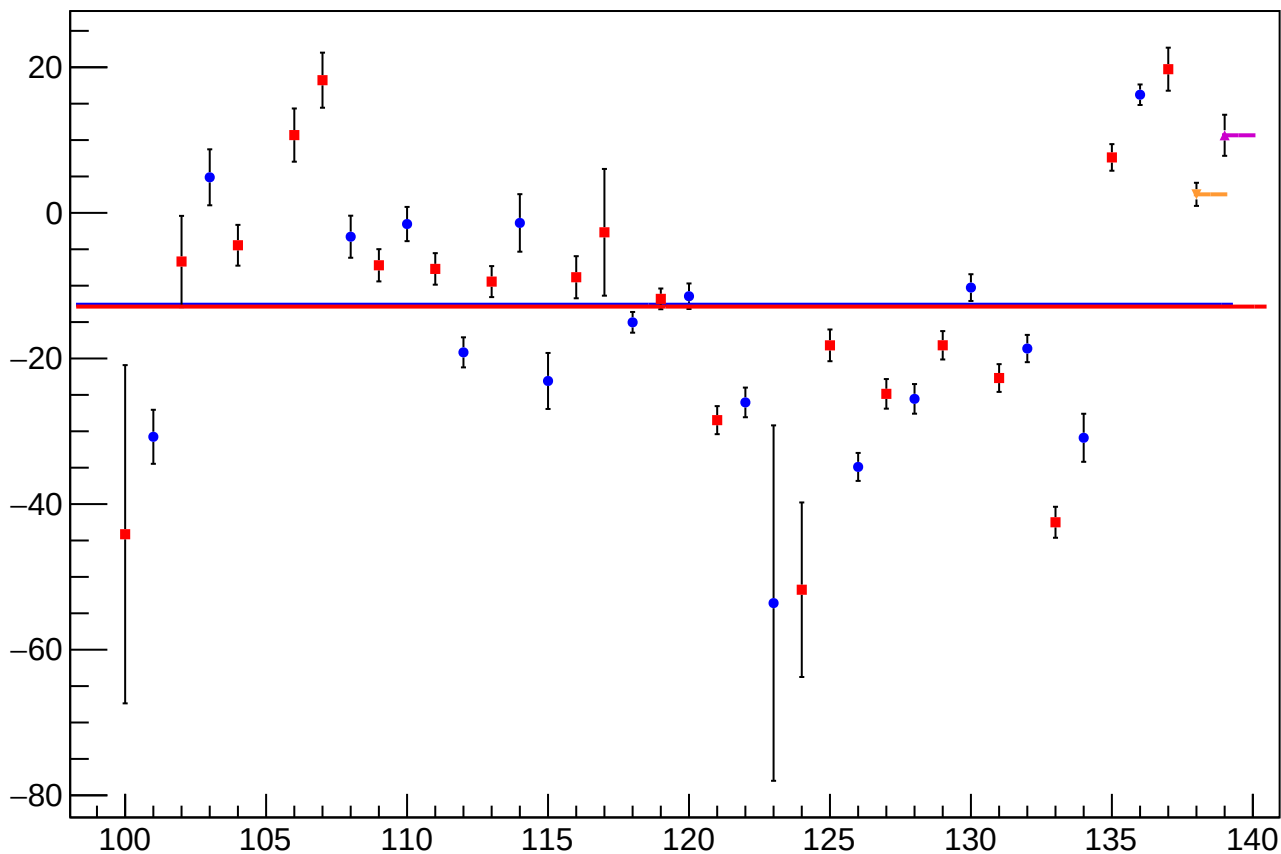
Right Out: -50.600 $\pm$ 0.855 χ^2 /NDF: 1330.8/19

Left In: -11.944 $\pm$ 1.847 χ^2 /NDF: 0.0/0

-41.274 $\pm$ 0.738 χ^2 /NDF: 1874.3/17

-43.781 $\pm$ 0.776 χ^2 /NDF: 1691.4/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 $\pm$ 0.530 χ^2 /NDF: 788.2/16

Left Out: 2.545 $\pm$ 1.589 χ^2 /NDF: 0.0/0

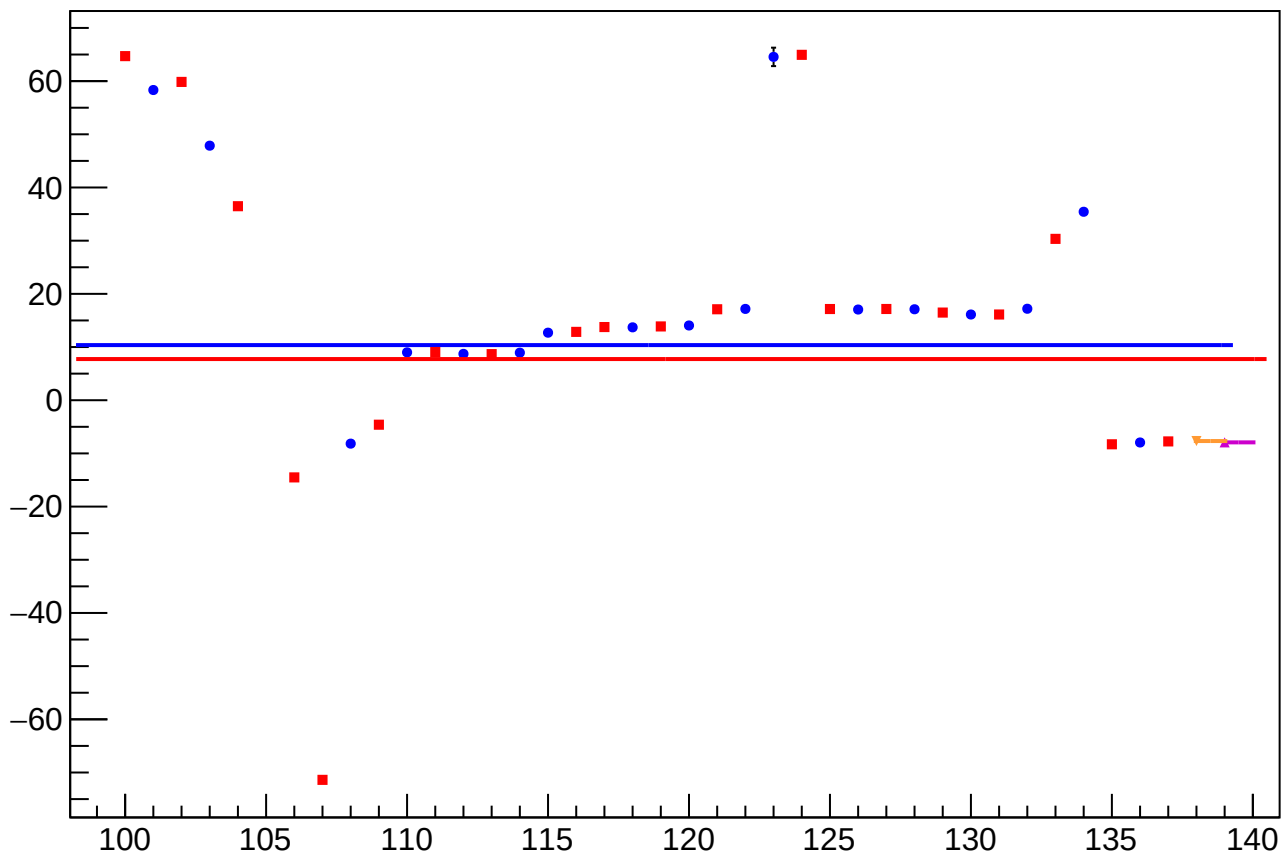
Right Out: -12.873 $\pm$ 0.537 χ^2 /NDF: 731.6/19

Left In: 10.656 $\pm$ 2.821 χ^2 /NDF: 0.0/0

-11.097 $\pm$ 0.503 χ^2 /NDF: 870.2/17

-12.049 $\pm$ 0.528 χ^2 /NDF: 798.8/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366+/-0.031 χ^2/NDF : 381003.5/16

Left Out: -7.675+/-0.055 χ^2/NDF : 0.0/0

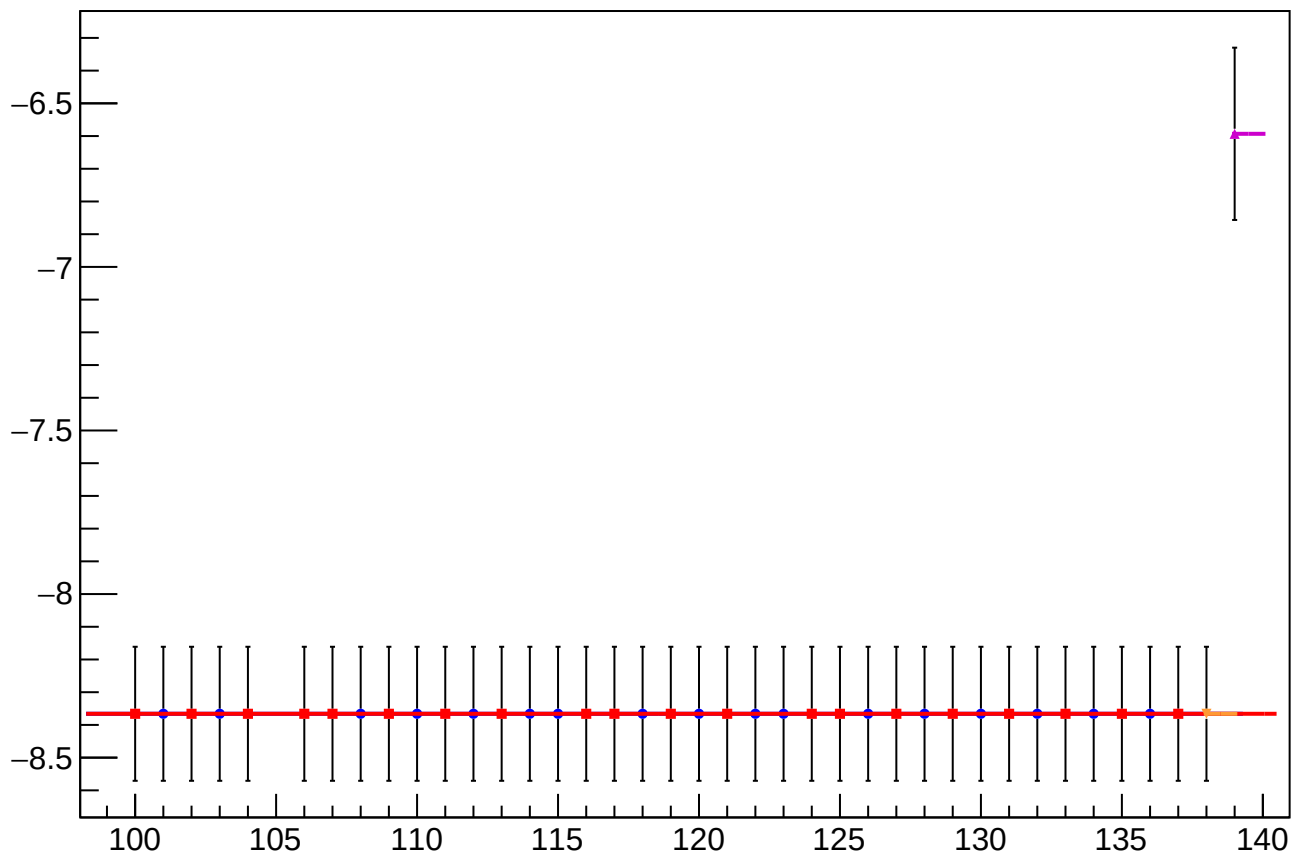
Right Out: 7.741+/-0.031 χ^2/NDF : 545218.7/19

Left In: -7.924+/-0.062 χ^2/NDF : 0.0/0

6.140+/-0.027 χ^2/NDF : 462752.5/17

4.566+/-0.028 χ^2/NDF : 596320.9/20

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: -8.366+/-0.050 χ^2/NDF : 0.0/16

Left Out: -8.366+/-0.205 χ^2/NDF : 0.0/0

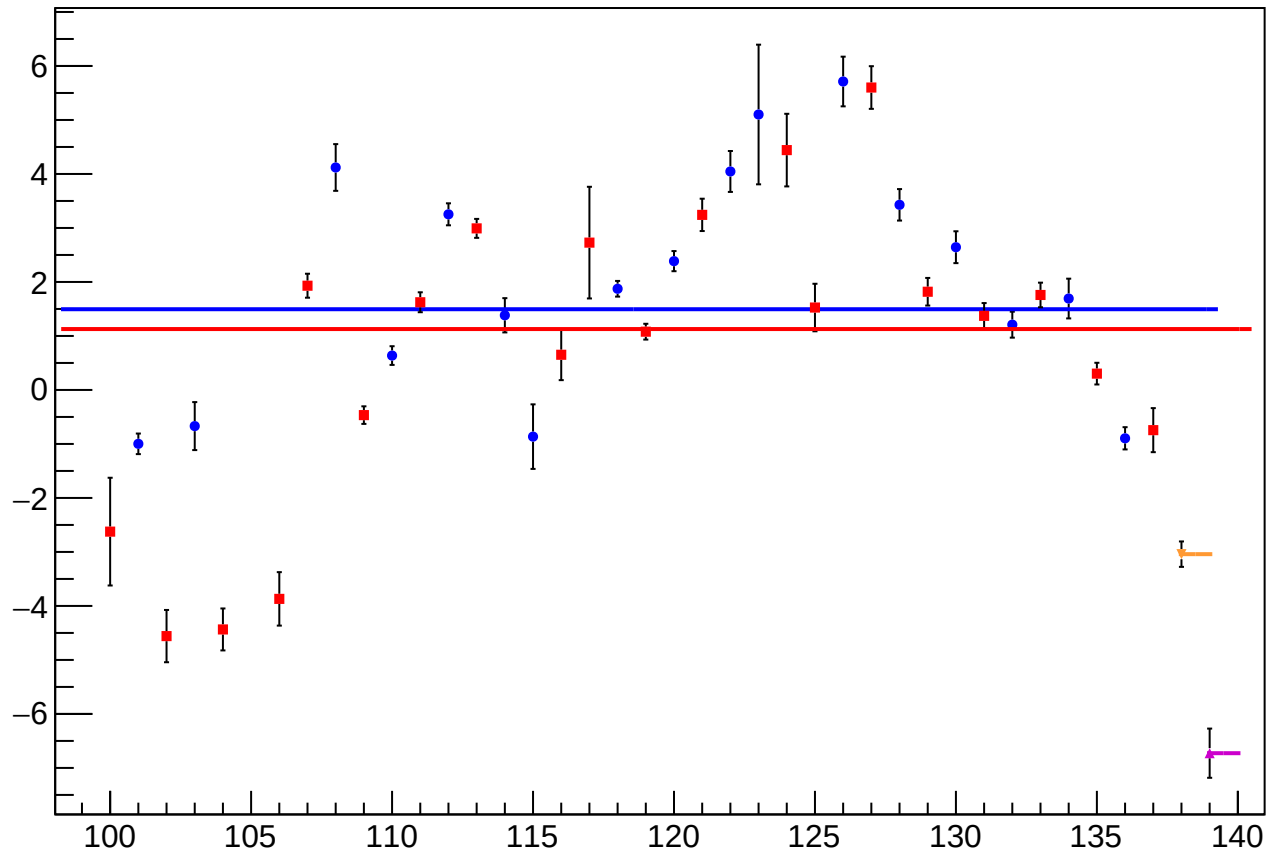
Right Out: -8.366+/-0.046 χ^2/NDF : 0.0/19

Left In: -6.593+/-0.263 χ^2/NDF : 0.0/0

-8.366+/-0.048 χ^2/NDF : 0.0/17

-8.314+/-0.045 χ^2/NDF : 44.0/20

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



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

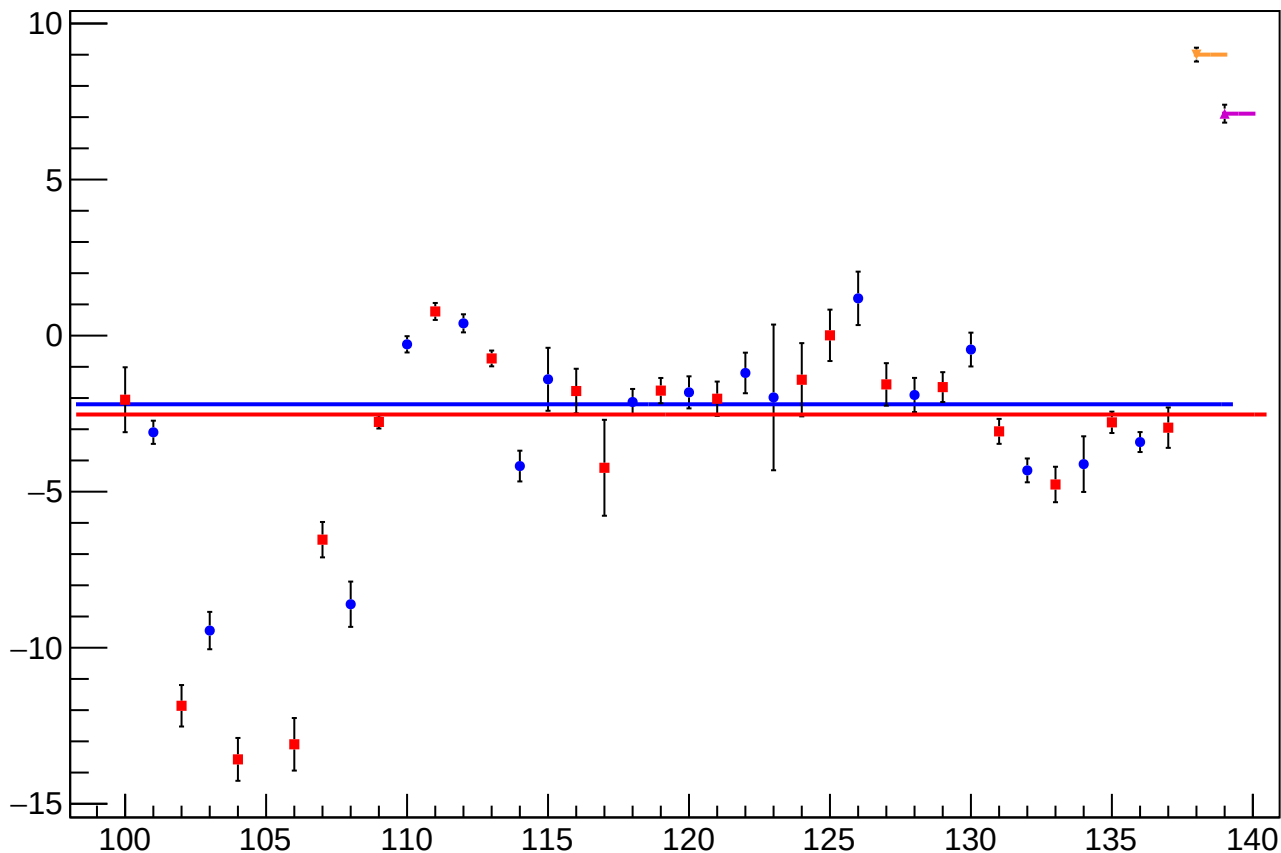
Right Out: 1.128 $\pm$ 0.058 χ^2 /NDF: 948.9/19

Left In: -6.727 $\pm$ 0.456 χ^2 /NDF: 0.0/0

1.209 $\pm$ 0.059 χ^2 /NDF: 1056.7/17

1.002 $\pm$ 0.058 χ^2 /NDF: 1241.3/20

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 9.003 ± 0.222 χ^2/NDF : 0.0/0

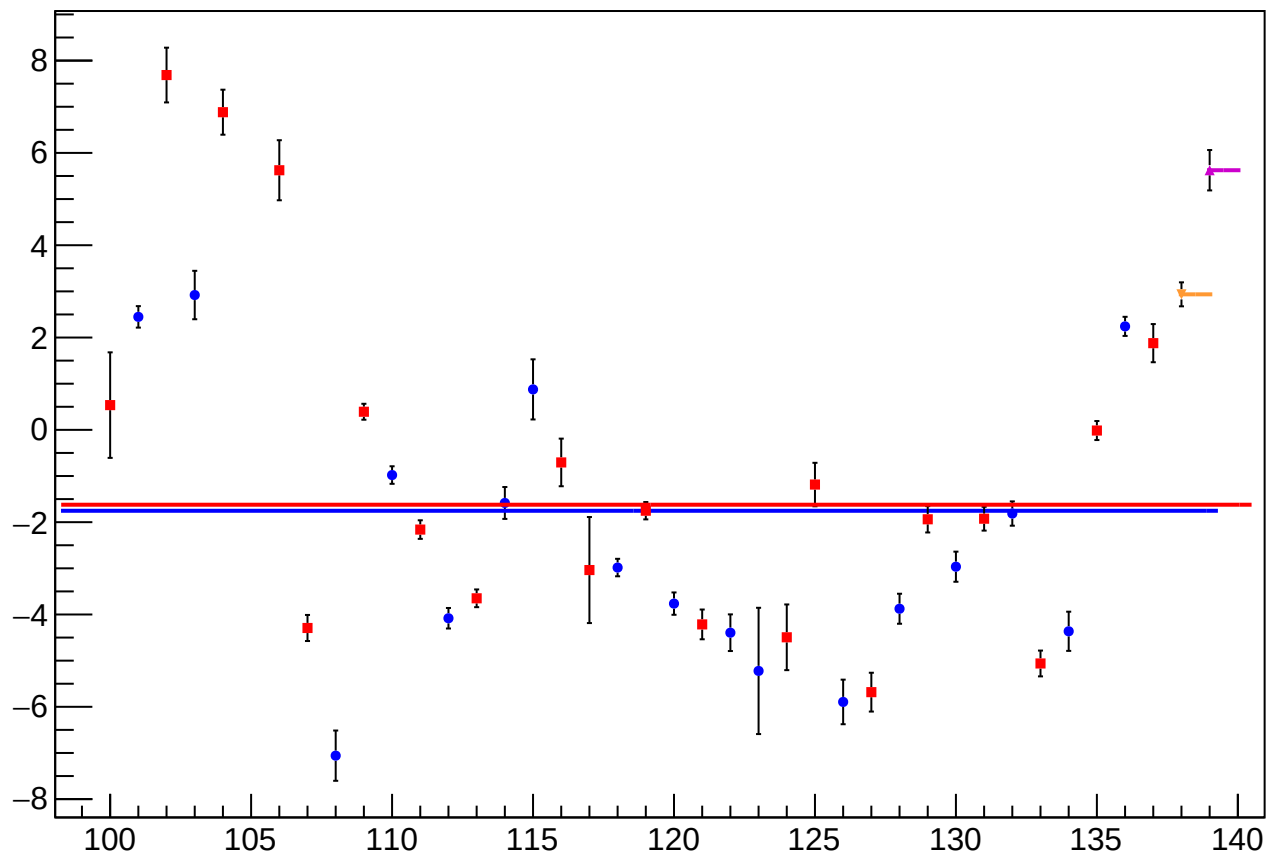
Right Out: -2.527 ± 0.099 χ^2/NDF : 904.5/19

Left In: 7.111 ± 0.287 χ^2/NDF : 0.0/0

0.020 ± 0.099 χ^2/NDF : 2494.9/17

-1.508 ± 0.093 χ^2/NDF : 1911.7/20

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: 2.936 ± 0.260 χ^2/NDF : 0.0/0

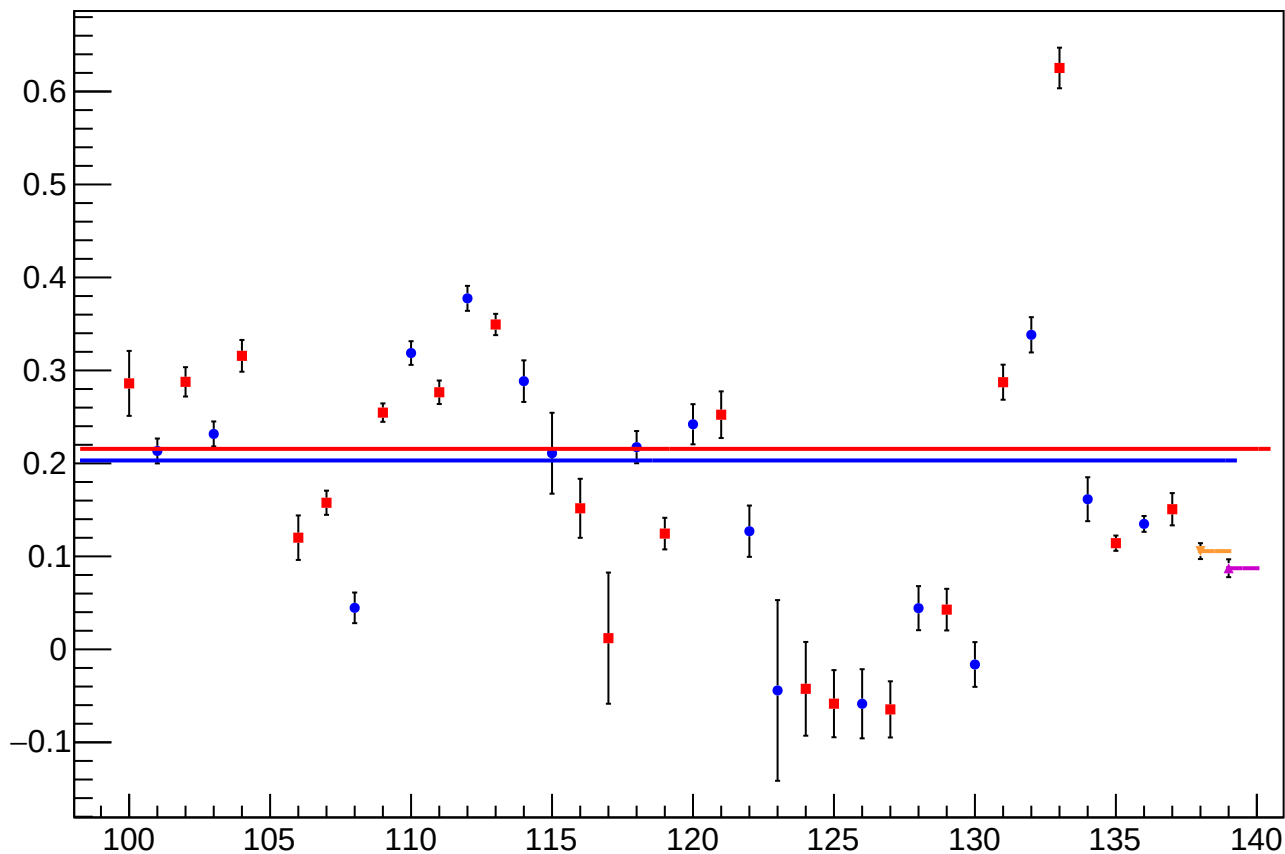
Right Out: -1.622 ± 0.066 χ^2/NDF : 1489.1/19

Left In: 5.625 ± 0.438 χ^2/NDF : 0.0/0

-1.433 ± 0.068 χ^2/NDF : 1648.7/17

-1.463 ± 0.065 χ^2/NDF : 1757.3/20

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



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

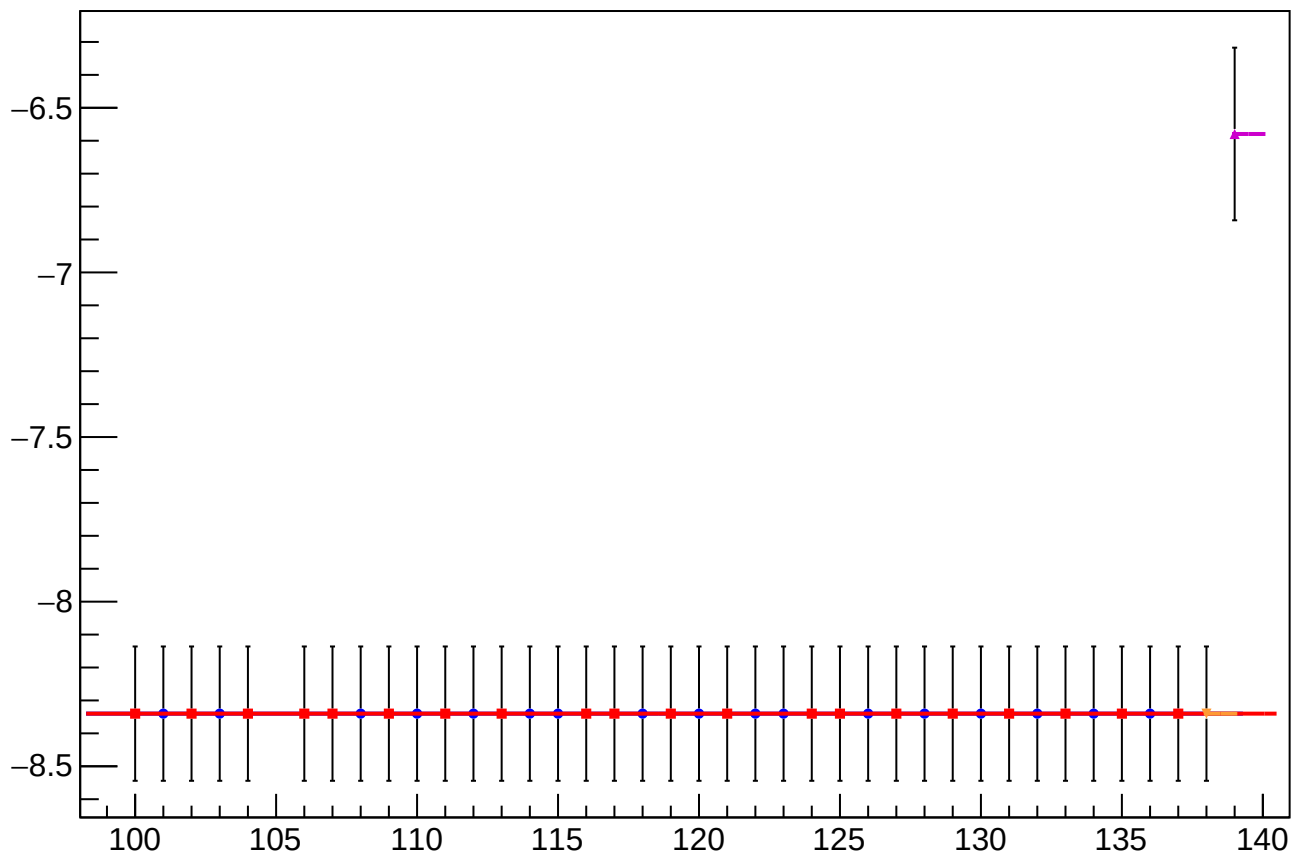
Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1075.7/19

Left In: 0.087 $\pm$ 0.010 χ^2 /NDF: 0.0/0

0.185 $\pm$ 0.004 χ^2 /NDF: 782.6/17

0.199 $\pm$ 0.003 χ^2 /NDF: 1231.2/20

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

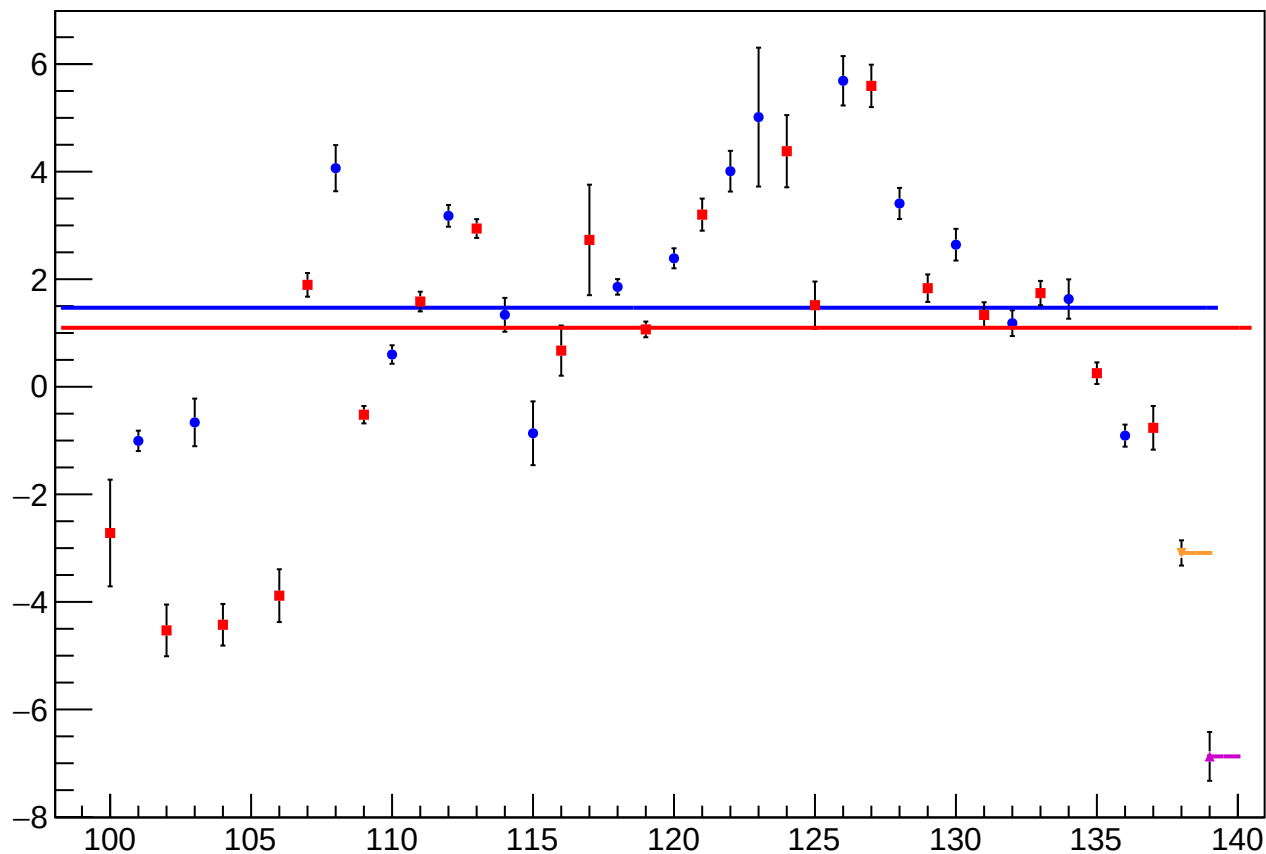
Right Out: -8.340 $\pm$ 0.046 χ^2 /NDF: 0.0/19

Left In: -6.580 $\pm$ 0.262 χ^2 /NDF: 0.0/0

-8.340 $\pm$ 0.048 χ^2 /NDF: 0.0/17

-8.288 $\pm$ 0.045 χ^2 /NDF: 43.8/20

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 $\pm$ 0.061 χ^2 /NDF: 707.9/16

Left Out: -3.090 $\pm$ 0.234 χ^2 /NDF: 0.0/0

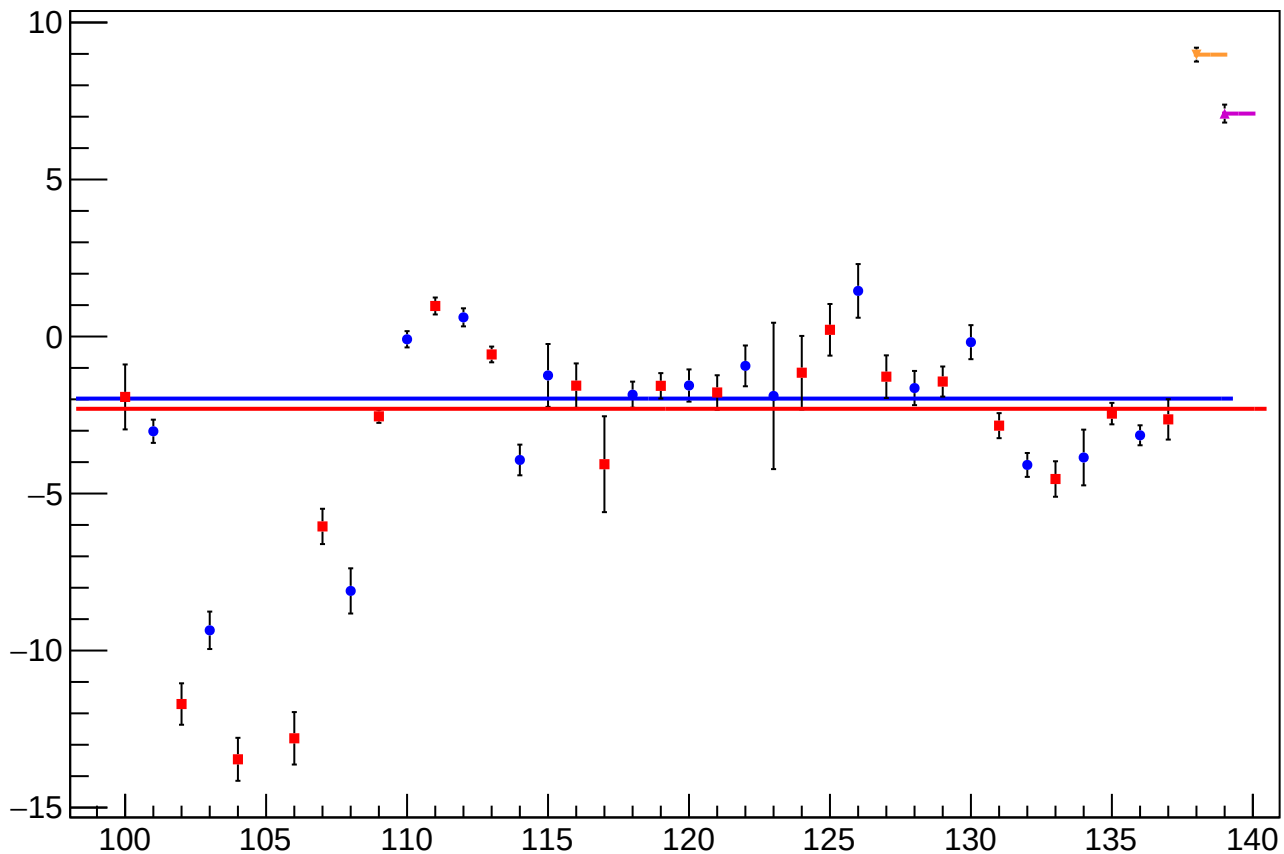
Right Out: 1.097 $\pm$ 0.058 χ^2 /NDF: 954.6/19

Left In: -6.873 $\pm$ 0.454 χ^2 /NDF: 0.0/0

1.182 $\pm$ 0.059 χ^2 /NDF: 1062.4/17

0.970 $\pm$ 0.057 χ^2 /NDF: 1258.3/20

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 $\chi^2/\text{NDF}: 463.8/16$

Left Out: 8.977 ± 0.222 $\chi^2/\text{NDF}: 0.0/0$

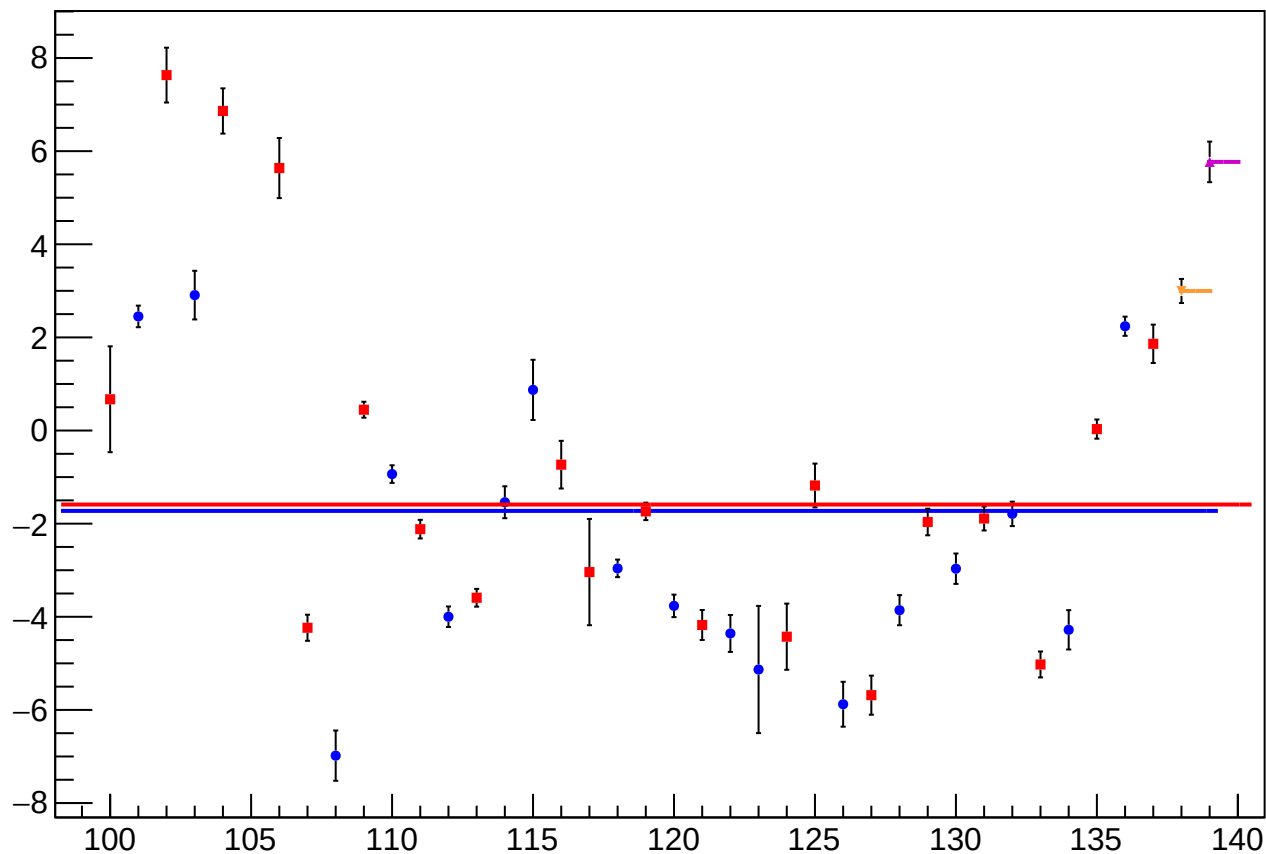
Right Out: -2.302 ± 0.098 $\chi^2/\text{NDF}: 907.9/19$

Left In: 7.099 ± 0.286 $\chi^2/\text{NDF}: 0.0/0$

0.192 ± 0.099 $\chi^2/\text{NDF}: 2425.1/17$

-1.310 ± 0.093 $\chi^2/\text{NDF}: 1874.7/20$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 $\chi^2/\text{NDF}: 1341.5/16$

Left Out: 2.997 ± 0.259 $\chi^2/\text{NDF}: 0.0/0$

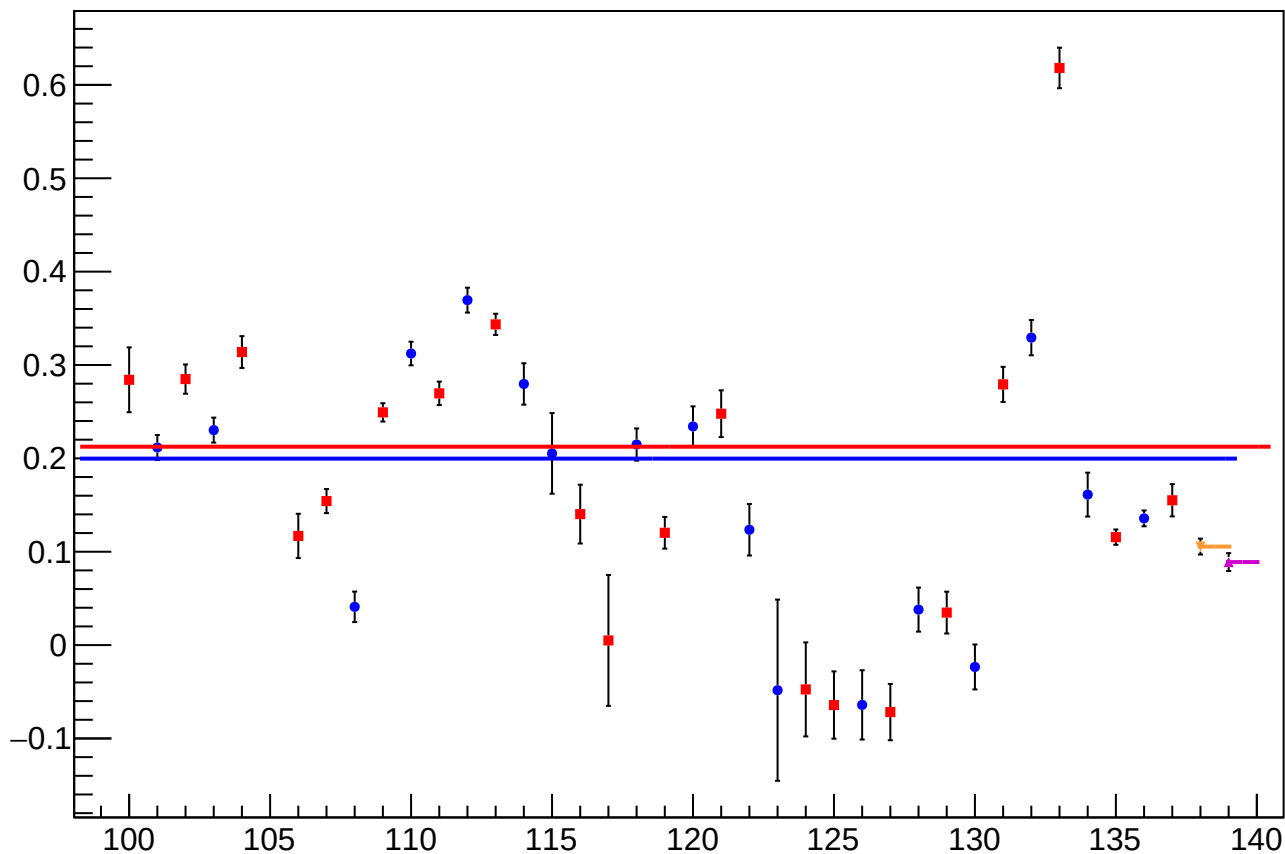
Right Out: -1.589 ± 0.065 $\chi^2/\text{NDF}: 1494.5/19$

Left In: 5.769 ± 0.436 $\chi^2/\text{NDF}: 0.0/0$

-1.404 ± 0.068 $\chi^2/\text{NDF}: 1652.2/17$

-1.427 ± 0.065 $\chi^2/\text{NDF}: 1773.4/20$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 $\pm$ 0.004 χ^2 /NDF: 662.5/16

Left Out: 0.106 $\pm$ 0.009 χ^2 /NDF: 0.0/0

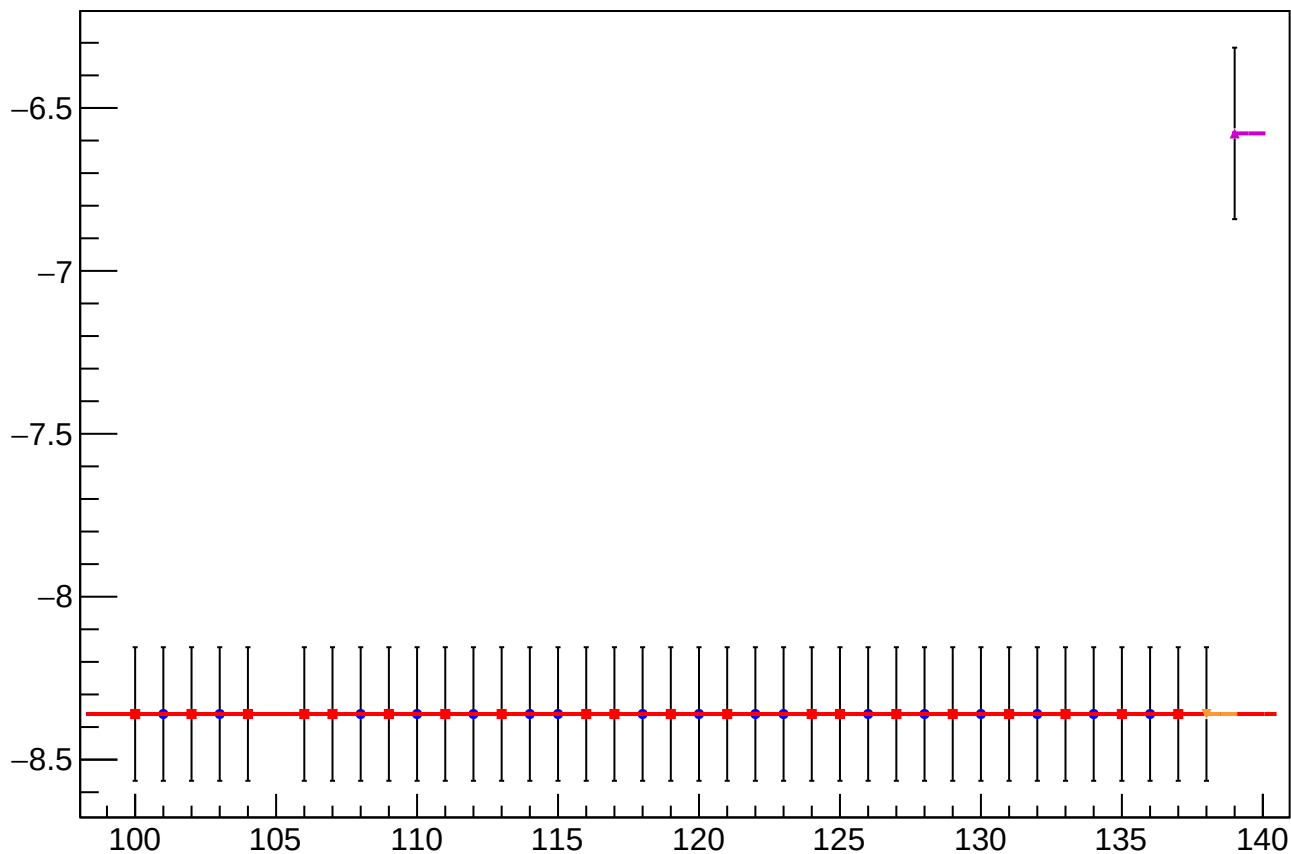
Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1059.7/19

Left In: 0.089 $\pm$ 0.010 χ^2 /NDF: 0.0/0

0.182 $\pm$ 0.004 χ^2 /NDF: 761.9/17

0.197 $\pm$ 0.003 χ^2 /NDF: 1205.0/20

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

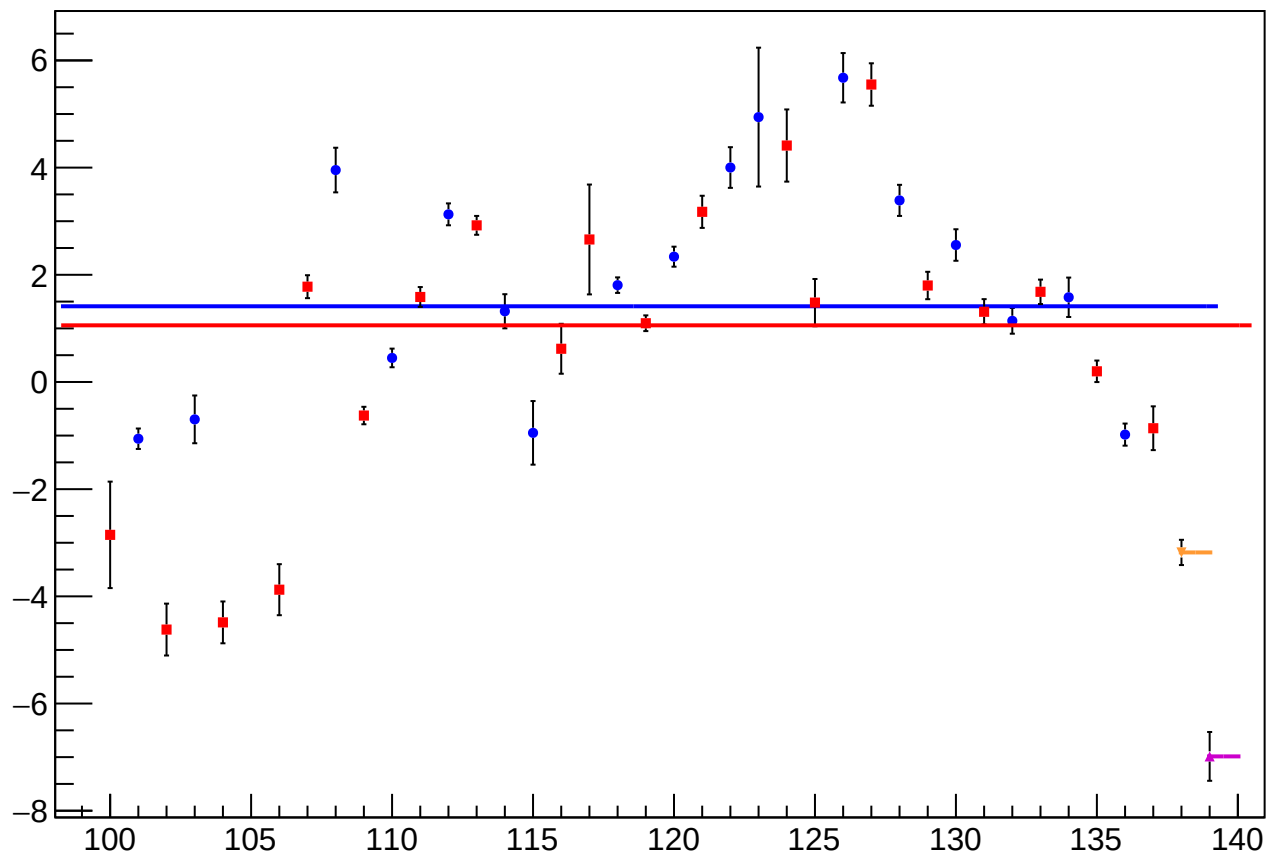
Right Out: -8.360 $\pm$ 0.046 χ^2 /NDF: 0.0/19

Left In: -6.578 $\pm$ 0.263 χ^2 /NDF: 0.0/0

-8.360 $\pm$ 0.048 χ^2 /NDF: 0.0/17

-8.308 $\pm$ 0.045 χ^2 /NDF: 44.5/20

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 ± 0.061 χ^2/NDF : 713.9/16

Left Out: -3.180 ± 0.236 χ^2/NDF : 0.0/0

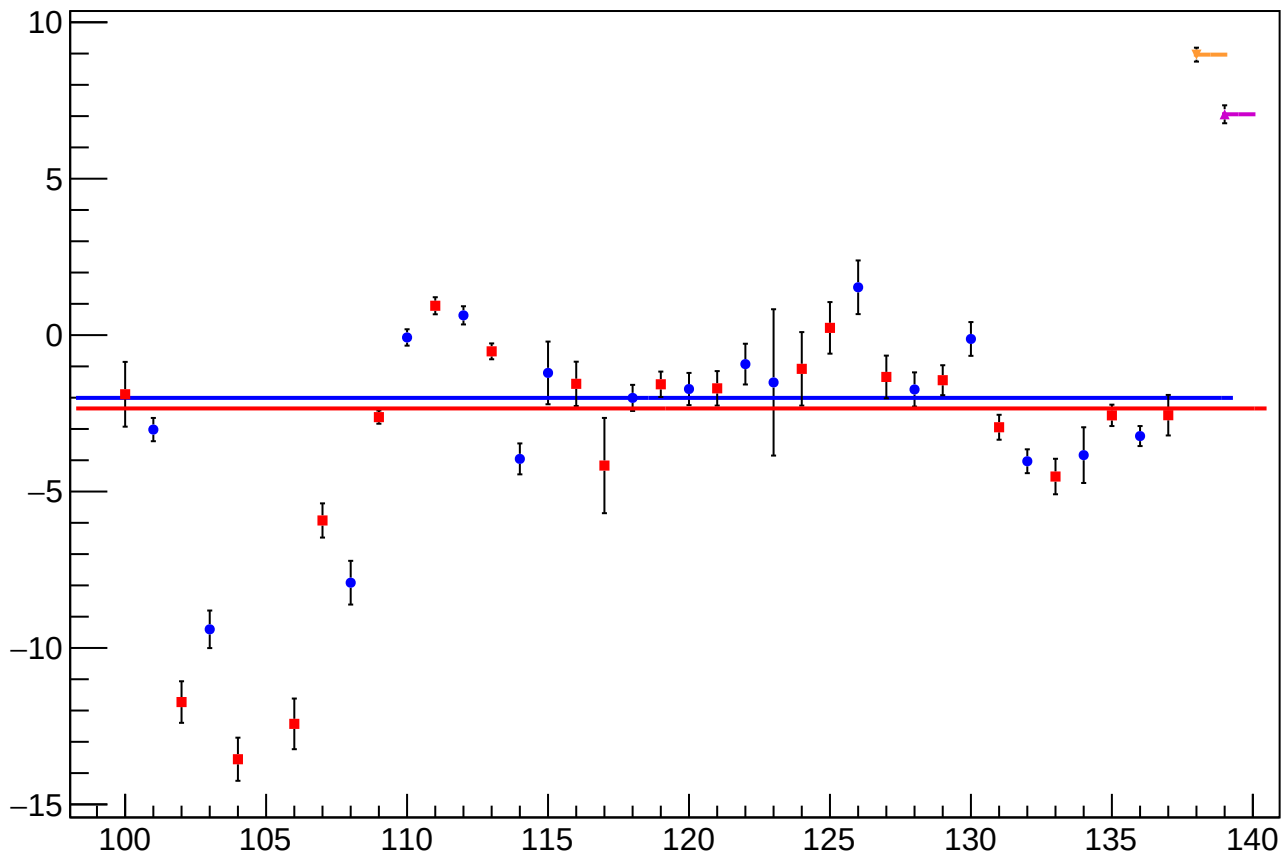
Right Out: 1.057 ± 0.058 χ^2/NDF : 965.8/19

Left In: -6.986 ± 0.455 χ^2/NDF : 0.0/0

1.123 ± 0.059 χ^2/NDF : 1070.2/17

0.929 ± 0.058 χ^2/NDF : 1272.8/20

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 8.966 ± 0.223 χ^2/NDF : 0.0/0

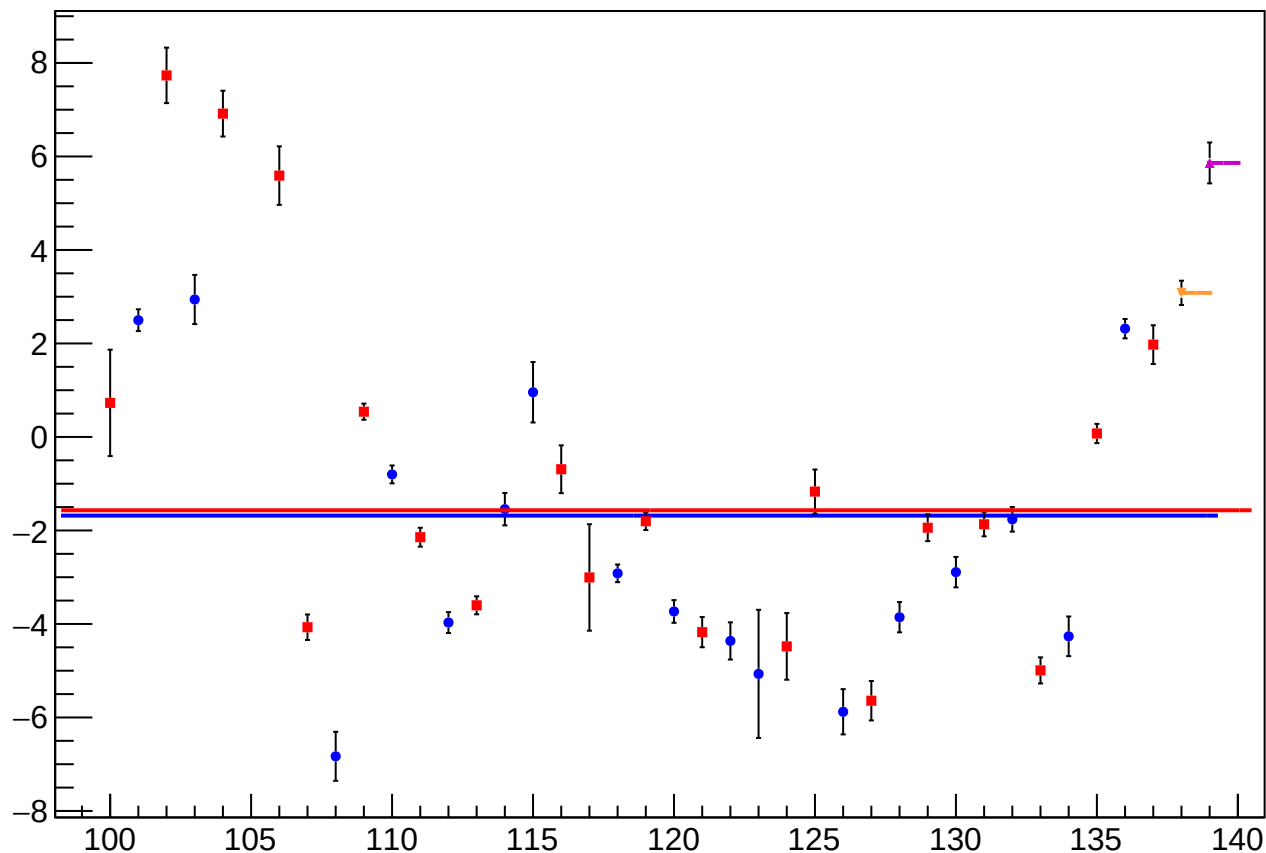
Right Out: -2.344 ± 0.099 χ^2/NDF : 902.6/19

Left In: 7.059 ± 0.287 χ^2/NDF : 0.0/0

0.167 ± 0.099 χ^2/NDF : 2411.9/17

-1.350 ± 0.093 χ^2/NDF : 1862.5/20

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF : 1347.8/16

Left Out: 3.083+/-0.260 χ^2/NDF : 0.0/0

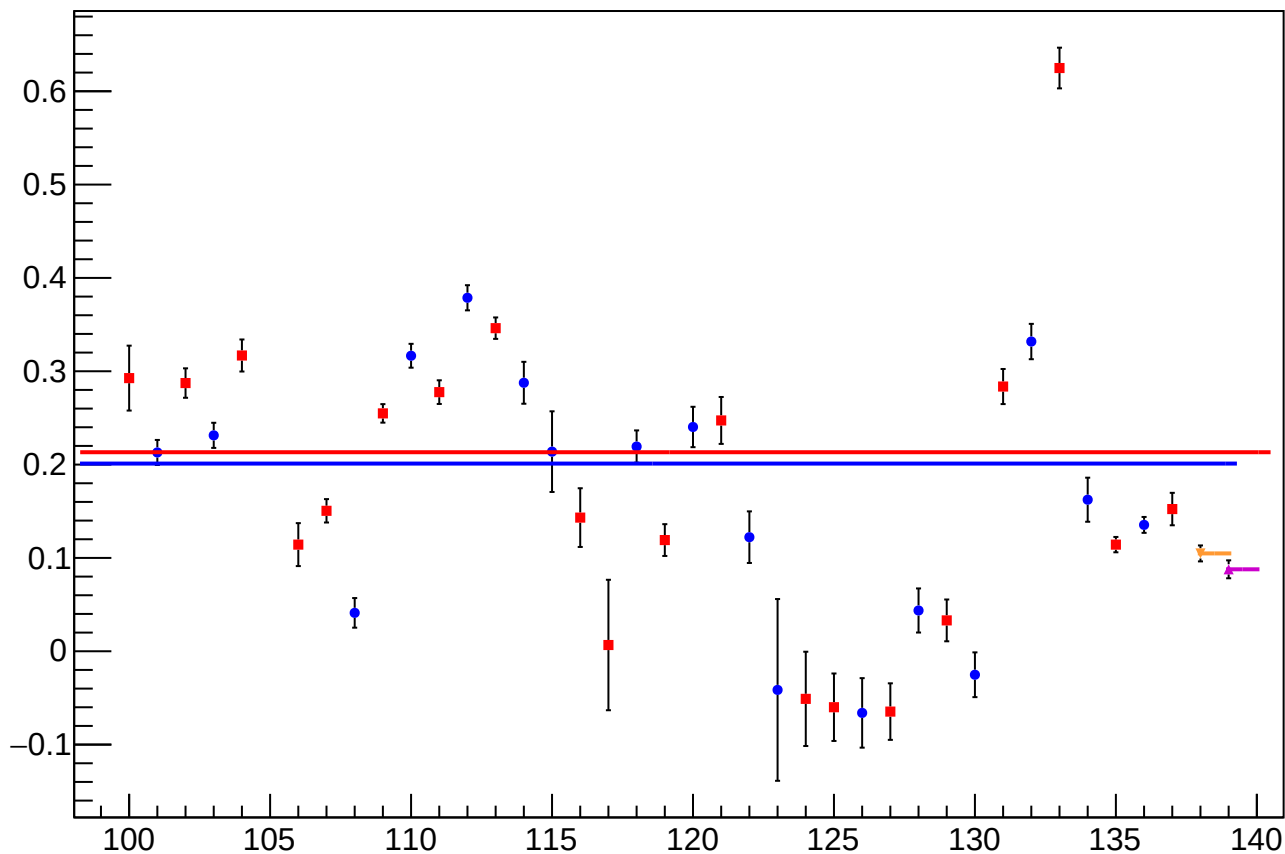
Right Out: -1.568+/-0.066 χ^2/NDF : 1506.3/19

Left In: 5.862+/-0.437 χ^2/NDF : 0.0/0

-1.357+/-0.068 χ^2/NDF : 1661.0/17

-1.405+/-0.065 χ^2/NDF : 1788.6/20

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



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

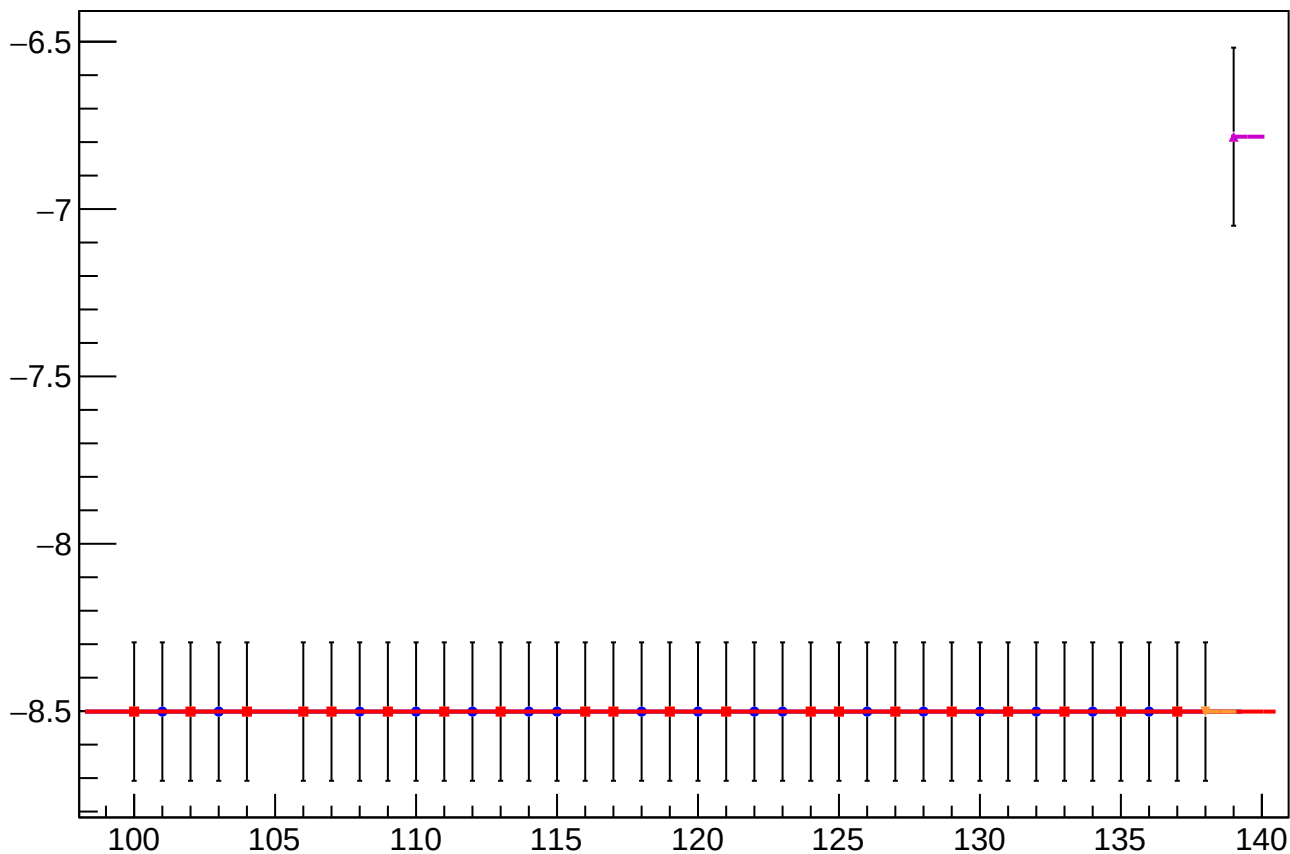
Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1091.9/19

Left In: 0.088 $\pm$ 0.010 χ^2 /NDF: 0.0/0

0.183 $\pm$ 0.004 χ^2 /NDF: 794.1/17

0.197 $\pm$ 0.003 χ^2 /NDF: 1240.7/20

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -8.501+/-0.050 χ^2/NDF : 0.0/16

Left Out: -8.501+/-0.207 χ^2/NDF : 0.0/0

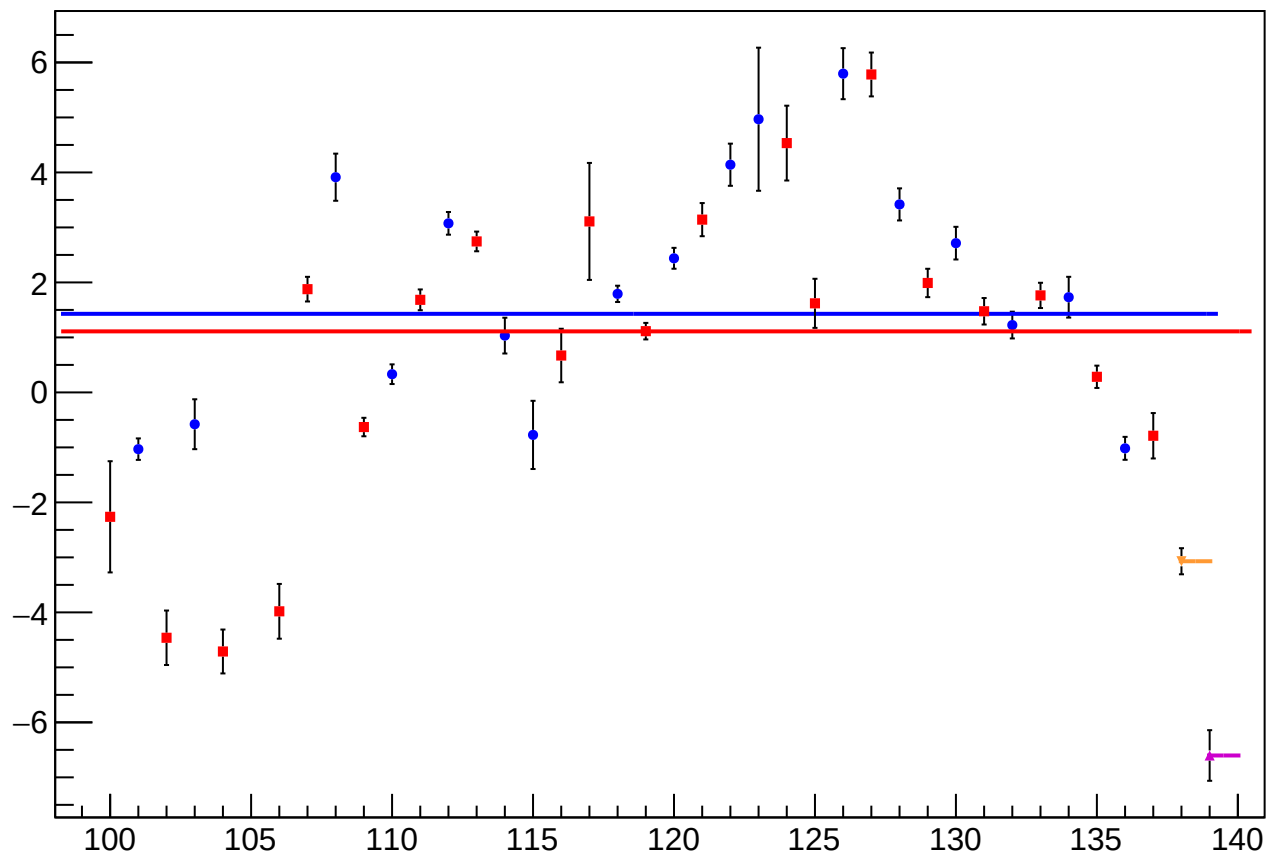
Right Out: -8.501+/-0.046 χ^2/NDF : 0.0/19

Left In: -6.784+/-0.266 χ^2/NDF : 0.0/0

-8.501+/-0.049 χ^2/NDF : 0.0/17

-8.451+/-0.046 χ^2/NDF : 40.5/20

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429+/-0.062 χ^2/NDF : 711.4/16

Left Out: -3.070+/-0.237 χ^2/NDF : 0.0/0

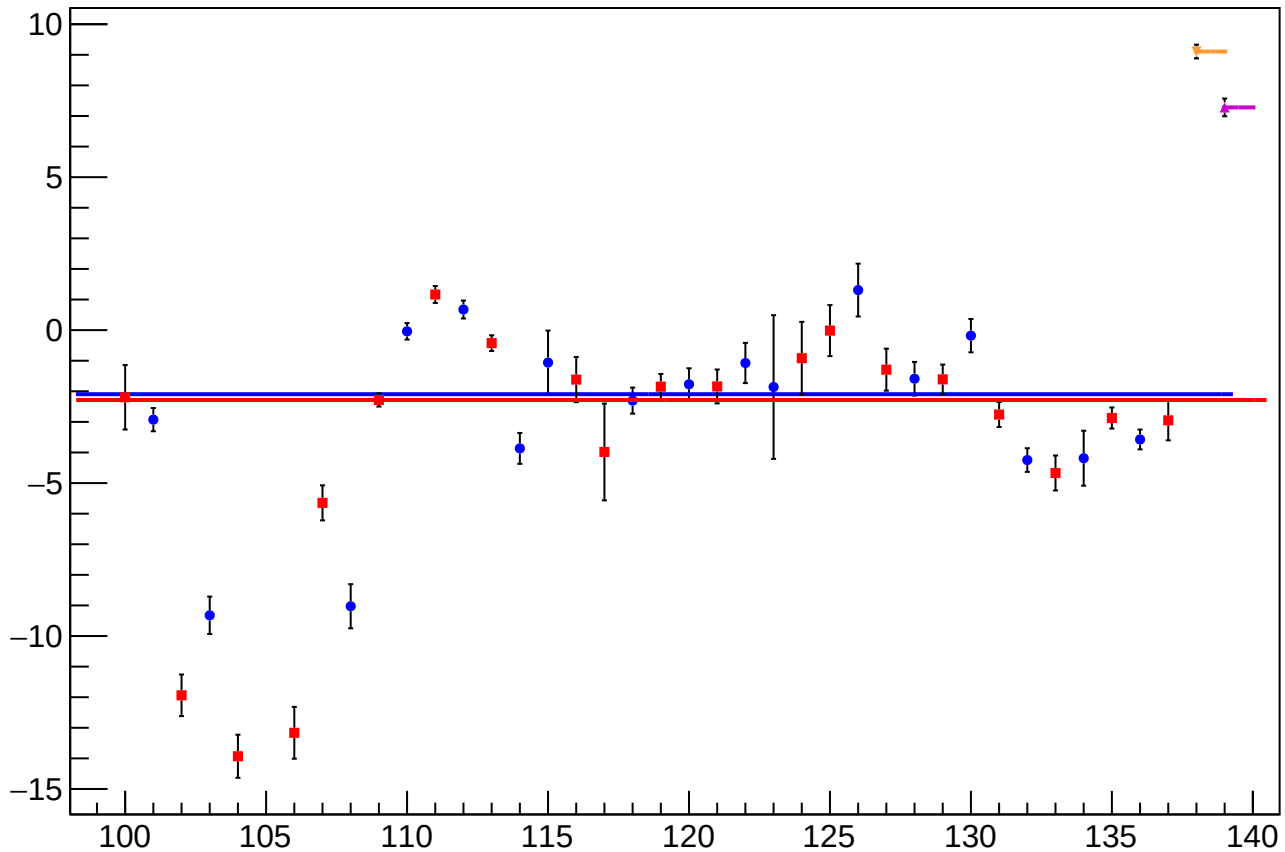
Right Out: 1.110+/-0.059 χ^2/NDF : 940.1/19

Left In: -6.602+/-0.460 χ^2/NDF : 0.0/0

1.140+/-0.060 χ^2/NDF : 1047.3/17

0.984+/-0.059 χ^2/NDF : 1216.3/20

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 $\chi^2/\text{NDF}: 486.5/16$

Left Out: 9.107 ± 0.225 $\chi^2/\text{NDF}: 0.0/0$

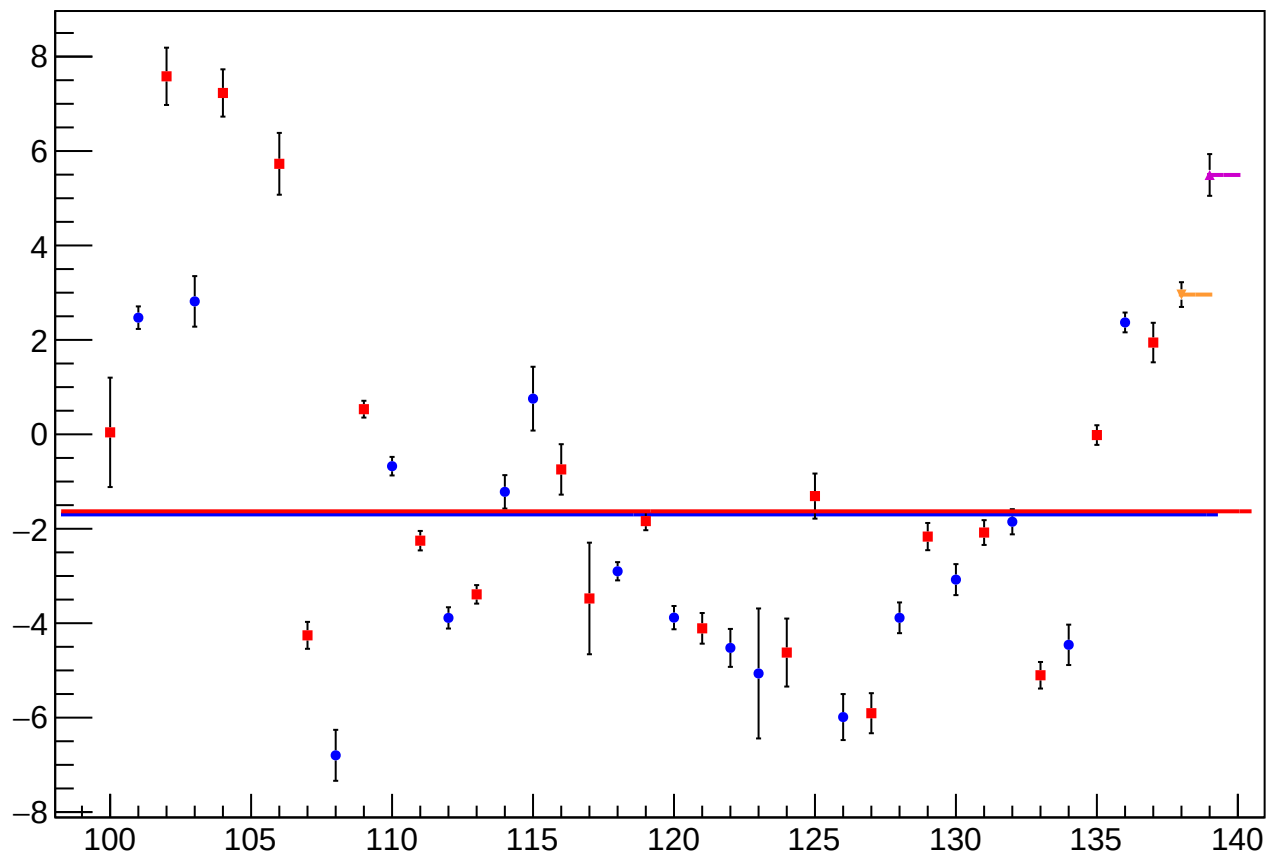
Right Out: -2.285 ± 0.101 $\chi^2/\text{NDF}: 919.7/19$

Left In: 7.281 ± 0.290 $\chi^2/\text{NDF}: 0.0/0$

0.156 ± 0.101 $\chi^2/\text{NDF}: 2475.0/17$

-1.254 ± 0.095 $\chi^2/\text{NDF}: 1889.9/20$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: 2.960 ± 0.262 χ^2/NDF : 0.0/0

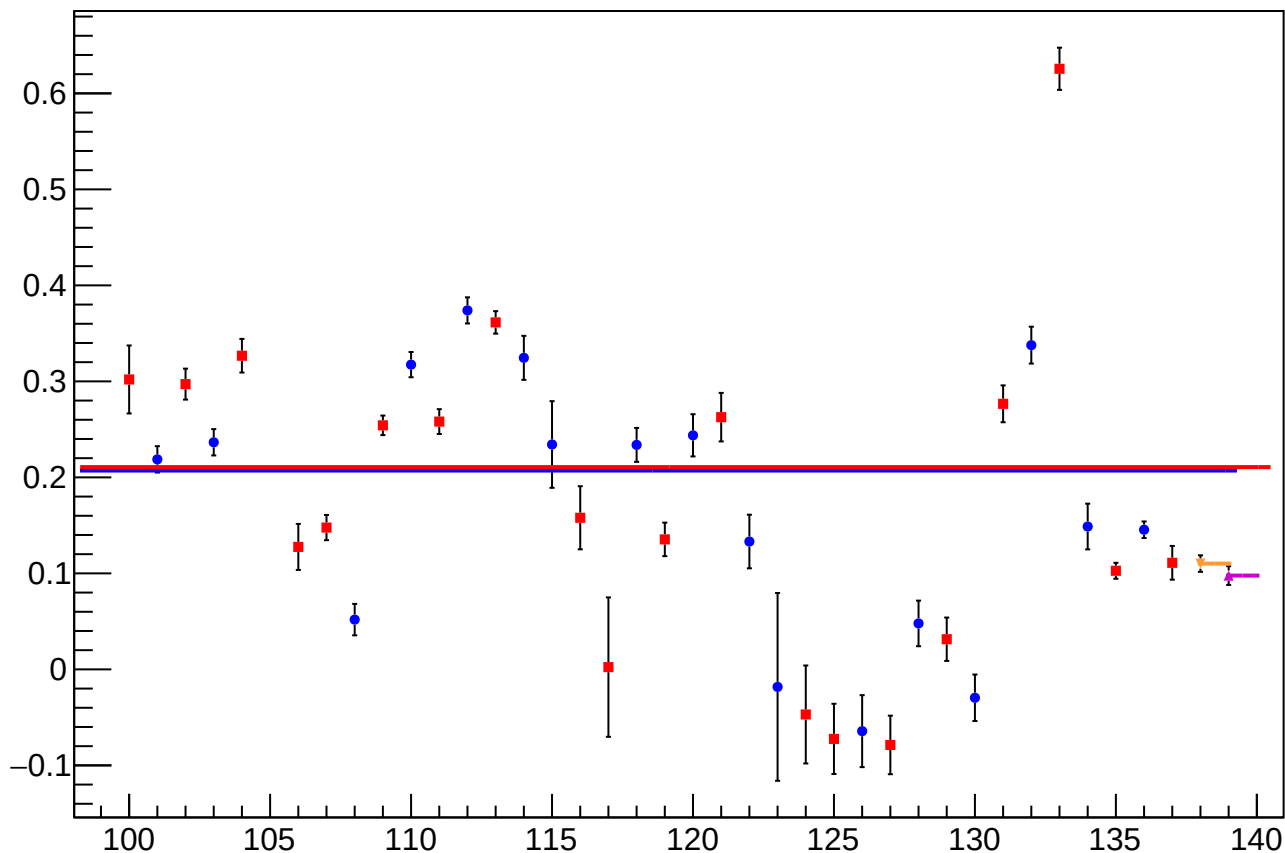
Right Out: -1.630 ± 0.067 χ^2/NDF : 1469.8/19

Left In: 5.493 ± 0.442 χ^2/NDF : 0.0/0

-1.373 ± 0.069 χ^2/NDF : 1627.0/17

-1.471 ± 0.066 χ^2/NDF : 1723.7/20

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.004 χ^2 /NDF: 656.3/16

Left Out: 0.110 $\pm$ 0.009 χ^2 /NDF:0.0/0

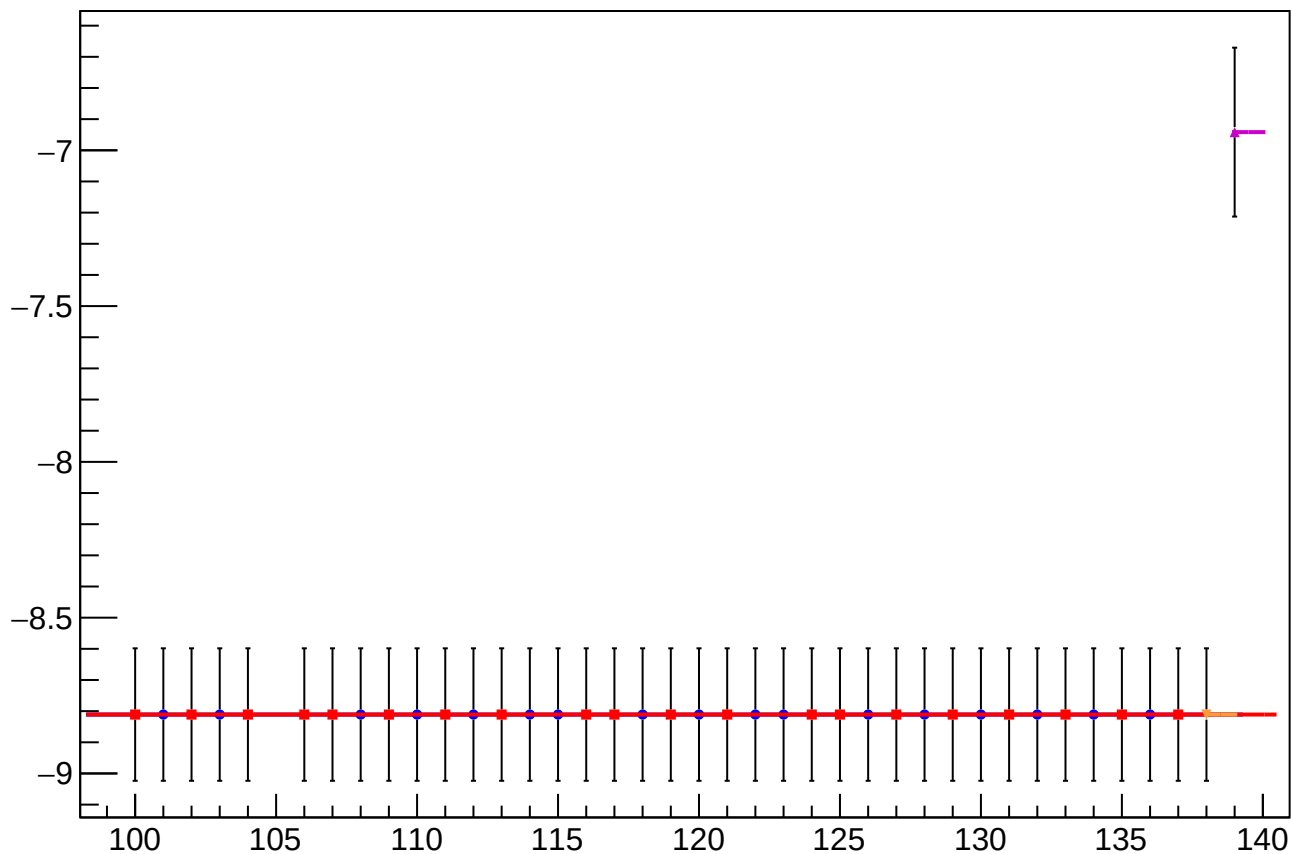
Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1153.9/19

Left In: 0.098 $\pm$ 0.010 χ^2 /NDF:0.0/0

0.189 $\pm$ 0.004 χ^2 /NDF: 758.4/17

0.196 $\pm$ 0.003 χ^2 /NDF: 1271.8/20

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -8.811 ± 0.052 χ^2/NDF : 0.0/16

Left Out: -8.811 ± 0.213 χ^2/NDF : 0.0/0

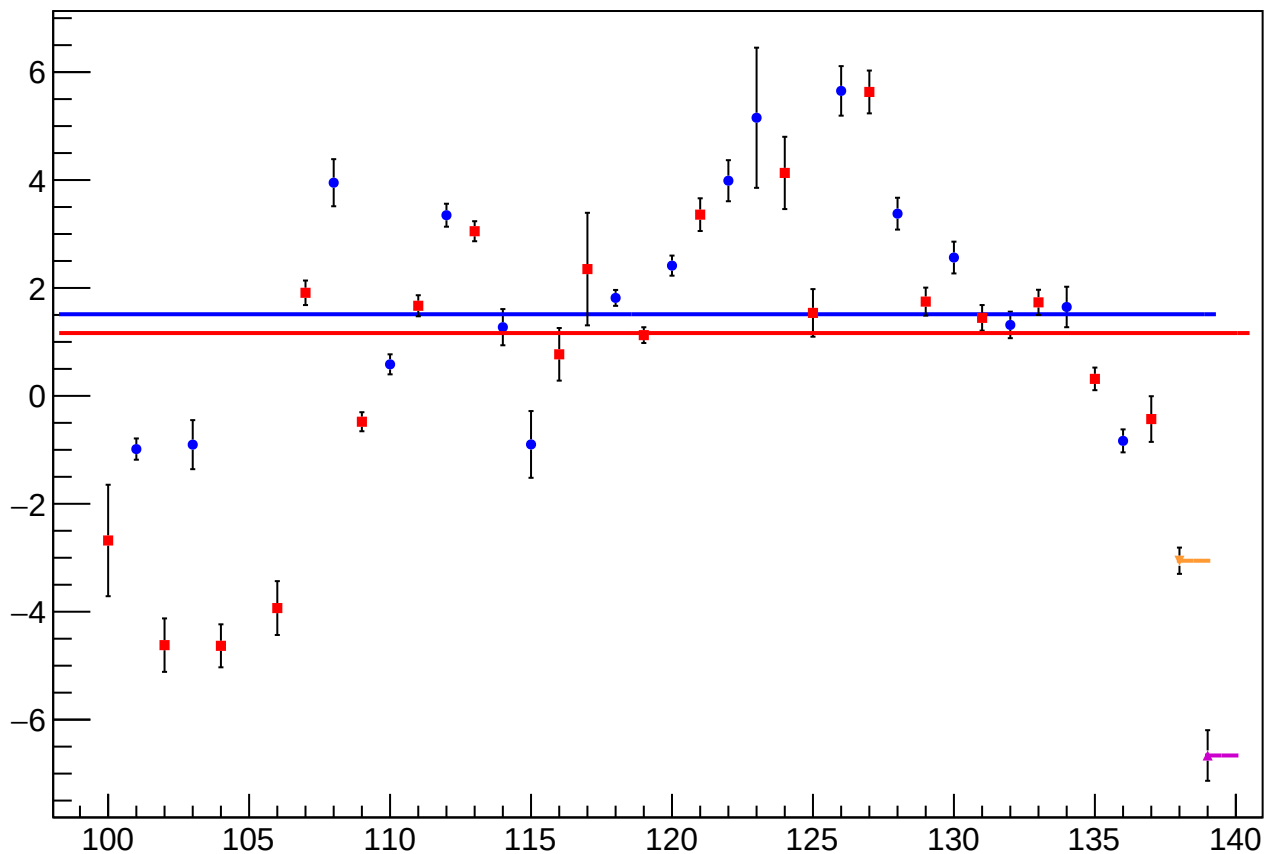
Right Out: -8.811 ± 0.048 χ^2/NDF : 0.0/19

Left In: -6.942 ± 0.271 χ^2/NDF : 0.0/0

-8.811 ± 0.050 χ^2/NDF : 0.0/17

-8.755 ± 0.047 χ^2/NDF : 46.1/20

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 ± 0.063 χ^2/NDF : 669.7/16

Left Out: -3.055 ± 0.244 χ^2/NDF : 0.0/0

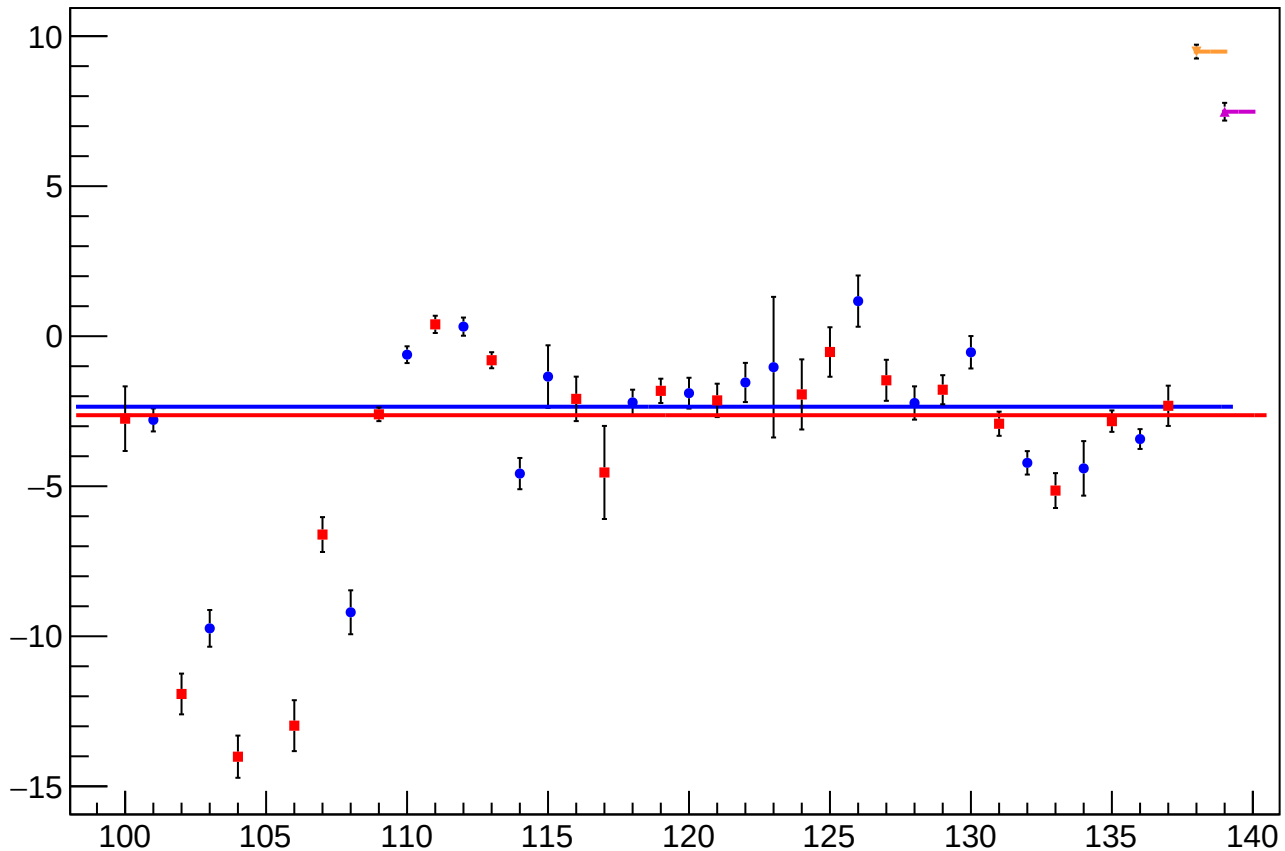
Right Out: 1.164 ± 0.060 χ^2/NDF : 918.3/19

Left In: -6.664 ± 0.469 χ^2/NDF : 0.0/0

1.229 ± 0.061 χ^2/NDF : 999.7/17

1.038 ± 0.059 χ^2/NDF : 1192.4/20

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 9.485 ± 0.231 χ^2/NDF : 0.0/0

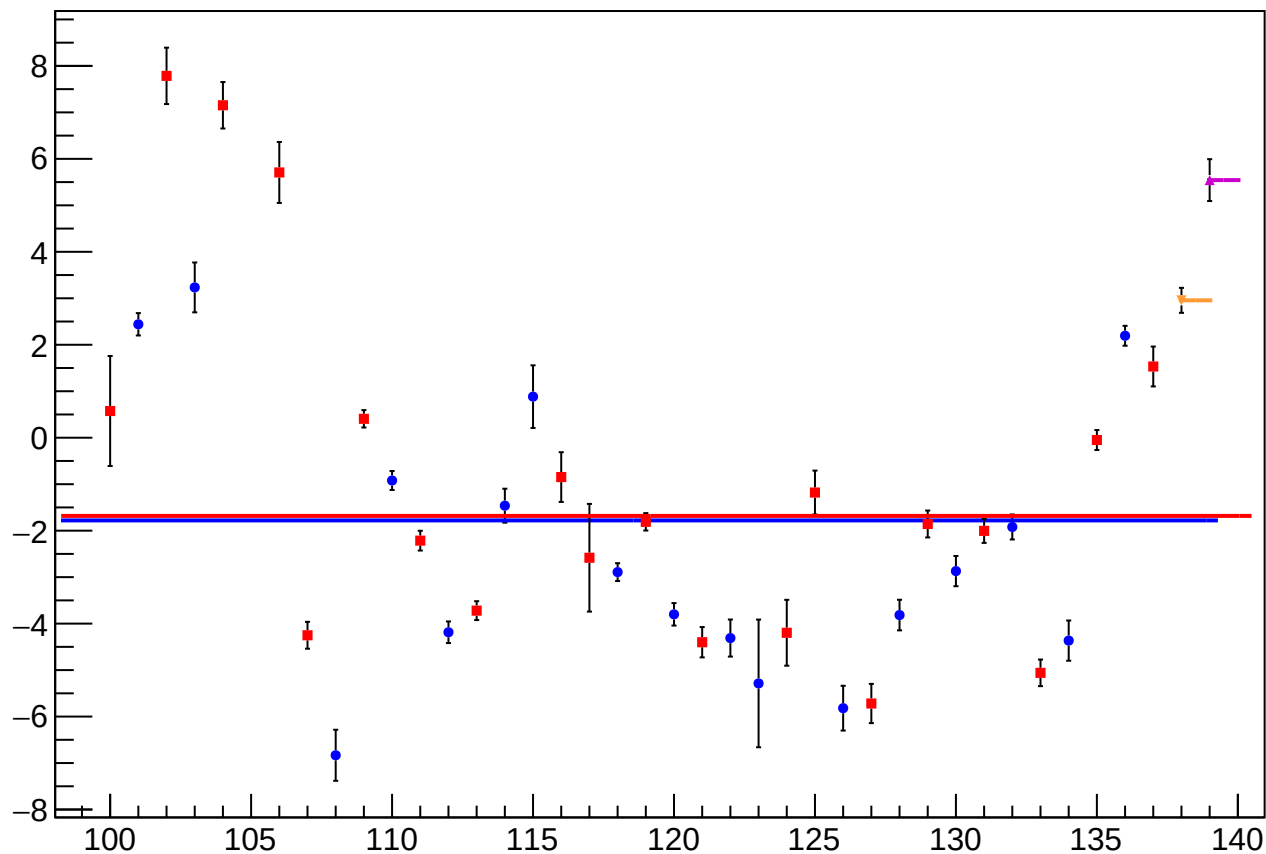
Right Out: -2.633 ± 0.103 χ^2/NDF : 841.9/19

Left In: 7.481 ± 0.296 χ^2/NDF : 0.0/0

-0.020 ± 0.102 χ^2/NDF : 2550.5/17

-1.538 ± 0.097 χ^2/NDF : 1885.8/20

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: 2.956 ± 0.269 χ^2/NDF : 0.0/0

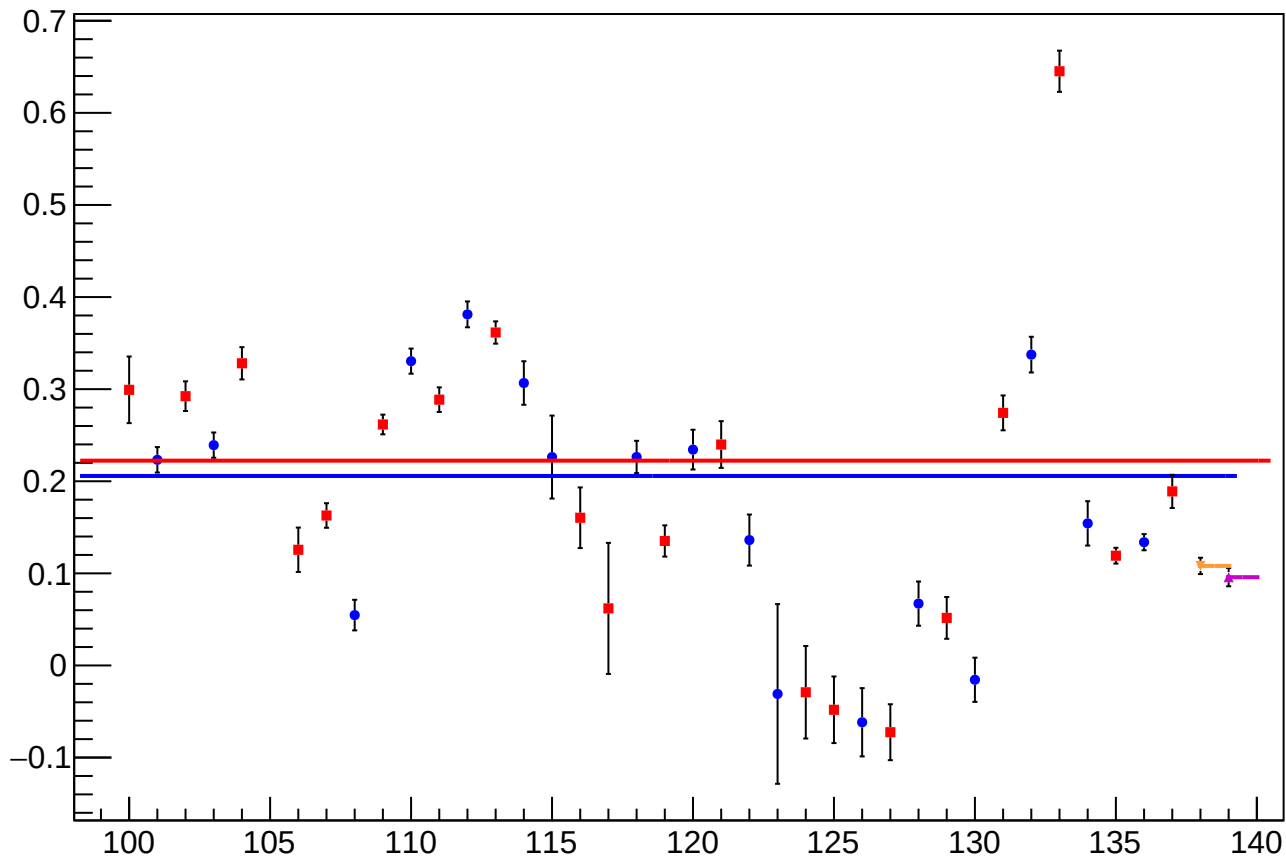
Right Out: -1.682 ± 0.068 χ^2/NDF : 1430.2/19

Left In: 5.543 ± 0.451 χ^2/NDF : 0.0/0

-1.460 ± 0.070 χ^2/NDF : 1561.2/17

-1.522 ± 0.067 χ^2/NDF : 1681.6/20

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206+/-0.004 χ^2/NDF : 651.8/16

Left Out: 0.108+/-0.009 χ^2/NDF : 0.0/0

Right Out: 0.222+/-0.004 χ^2/NDF : 1047.2/19

Left In: 0.096+/-0.010 χ^2/NDF : 0.0/0

0.187+/-0.004 χ^2/NDF : 750.2/17

0.206+/-0.004 χ^2/NDF : 1189.6/20