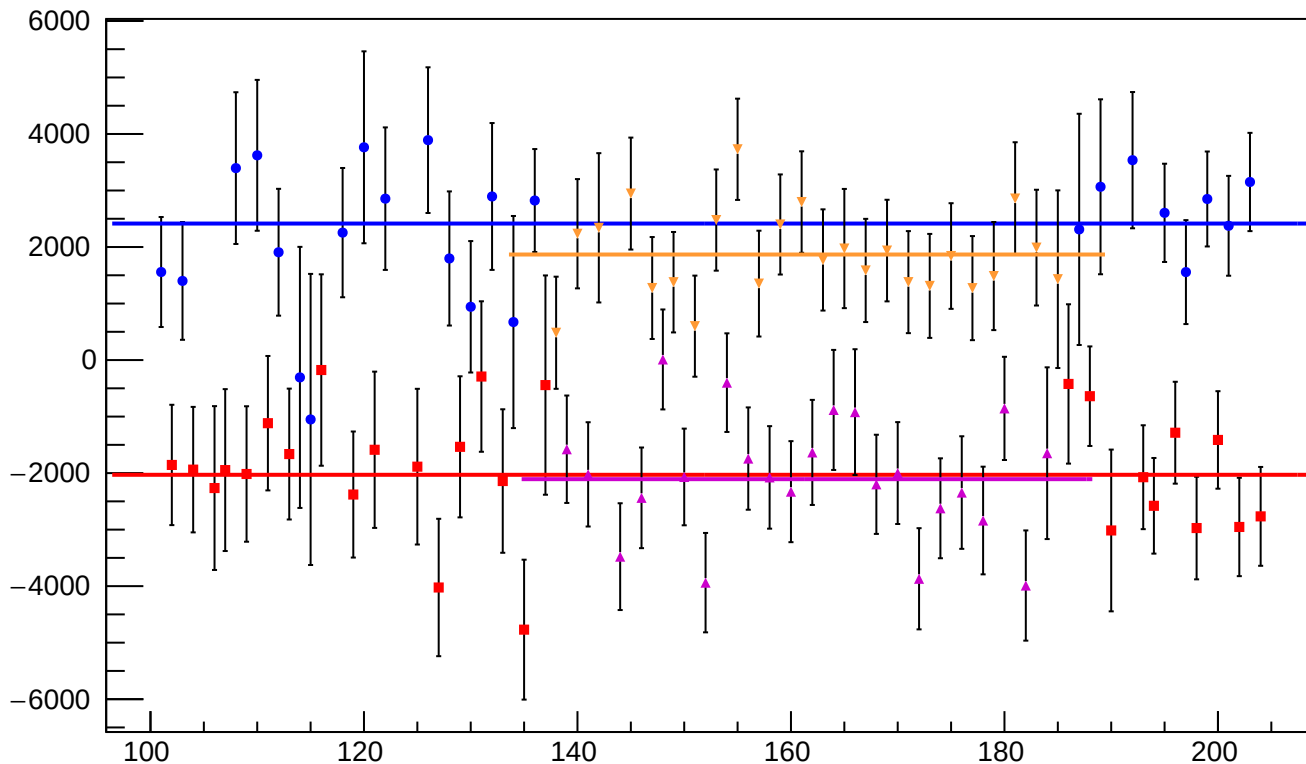


dit_asym_us_avg_mean vs Slug



Right In: 2415.321 $\pm$ 235.873

χ^2/NDF : 14.6/23

Left Out: 1867.512 $\pm$ 194.801

χ^2/NDF : 15.1/23

Right Out: -2029.965 $\pm$ 214.617

χ^2/NDF : 21.1/26

Left In: -2107.246 $\pm$ 194.959

χ^2/NDF : 30.0/22

+ sign 2089.645 $\pm$ 150.200

χ^2/NDF : 32.9/47

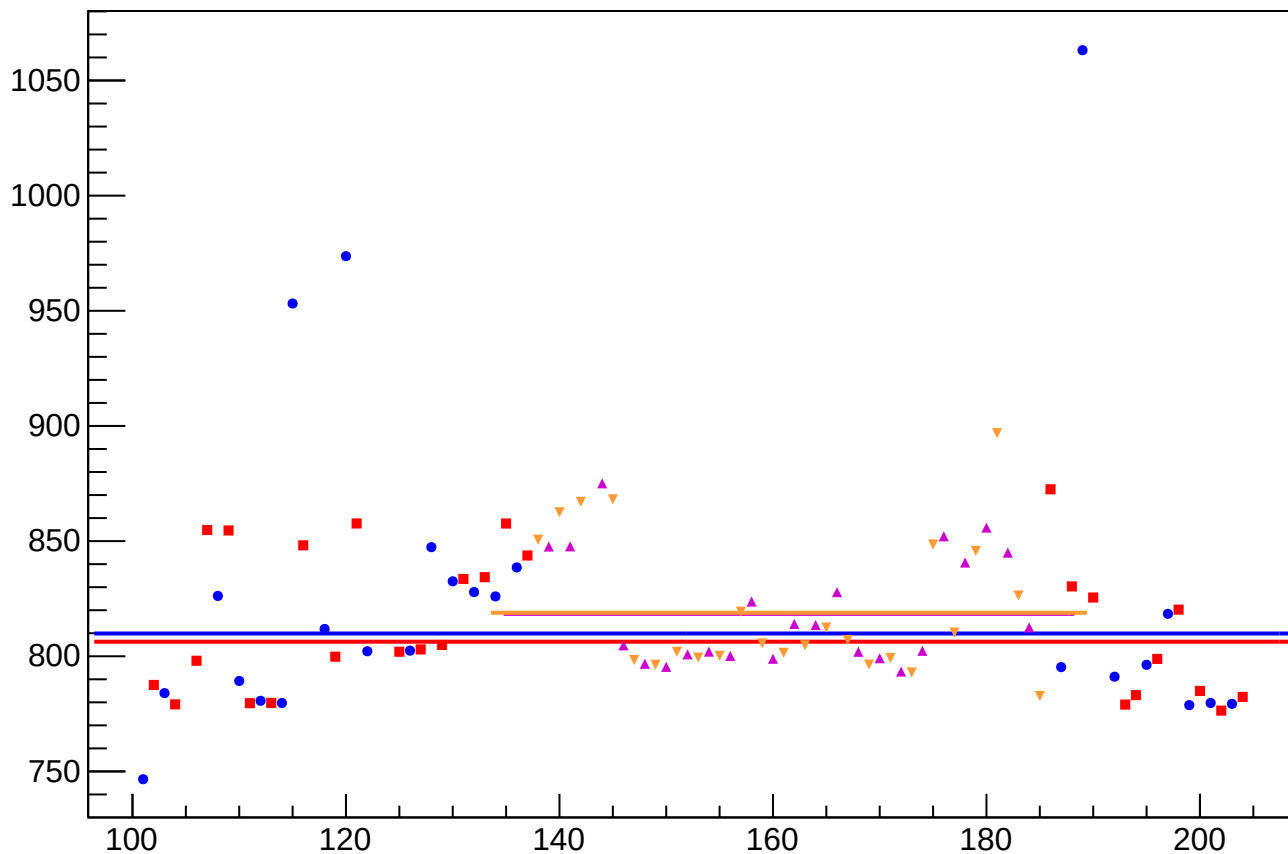
All: -74.574 $\pm$ 104.062

χ^2/NDF : 483.3/97

- sign -2072.306 $\pm$ 144.307

χ^2/NDF : 51.2/49

dit_asym_us_avg_rms vs Slug



Right In: 809.889 $\pm$ 0.167 χ^2 /NDF: 104743.0/23

Left Out: 818.900 $\pm$ 0.138 χ^2 /NDF: 41670.9/23

Right Out: 806.324 $\pm$ 0.152 χ^2 /NDF: 34798.3/26

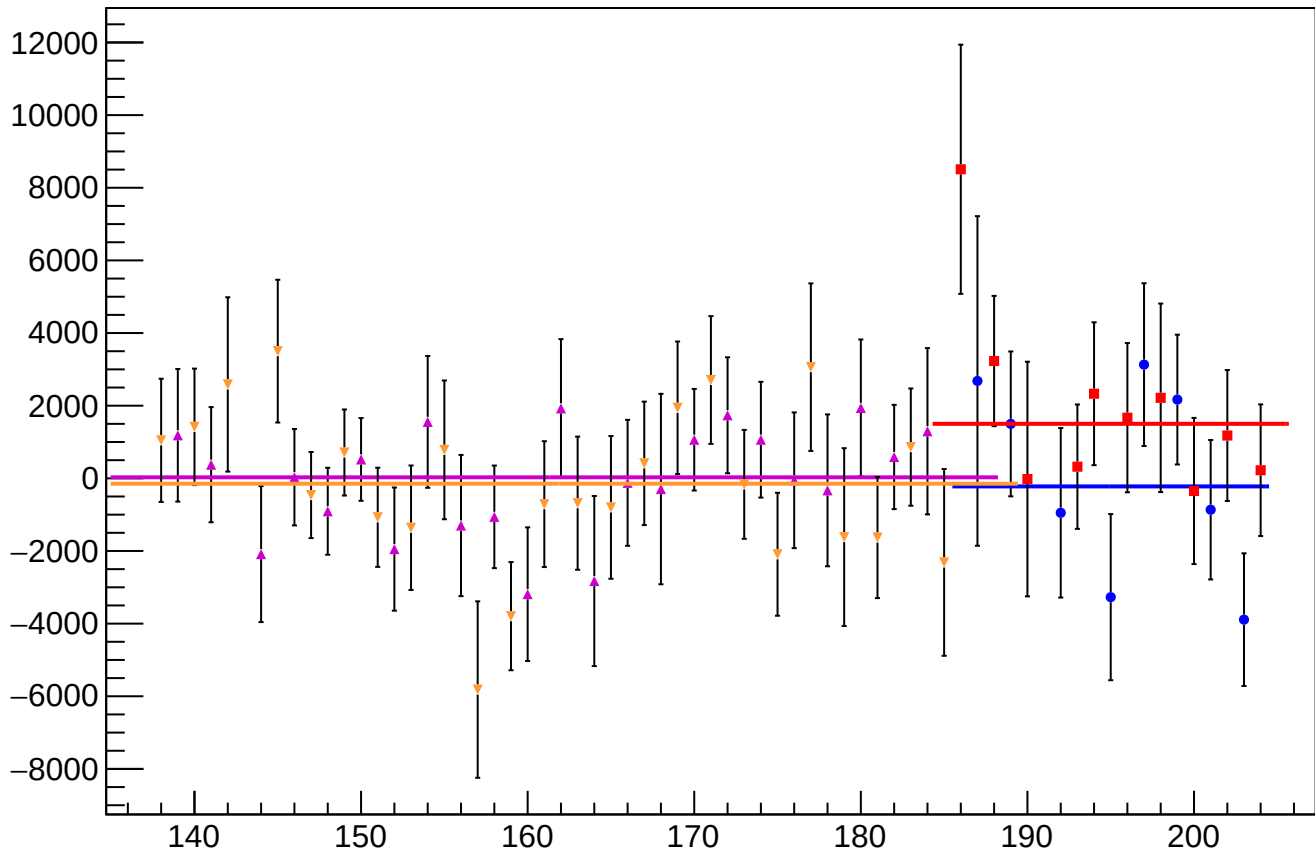
Left In: 818.403 $\pm$ 0.138 χ^2 /NDF: 29907.0/22

+ sign 815.246 $\pm$ 0.106 χ^2 /NDF: 148149.1/47

All: 814.048 $\pm$ 0.074 χ^2 /NDF: 216570.3/97

- sign 812.942 $\pm$ 0.102 χ^2 /NDF: 68176.3/49

asym_us_avg_correction_mean vs Slug



Right In: -222.156 ± 754.087 χ^2/NDF : 11.2/7

Left Out: -147.864 ± 347.750 χ^2/NDF : 29.3/23

Right Out: 1500.952 ± 654.250 χ^2/NDF : 7.4/9

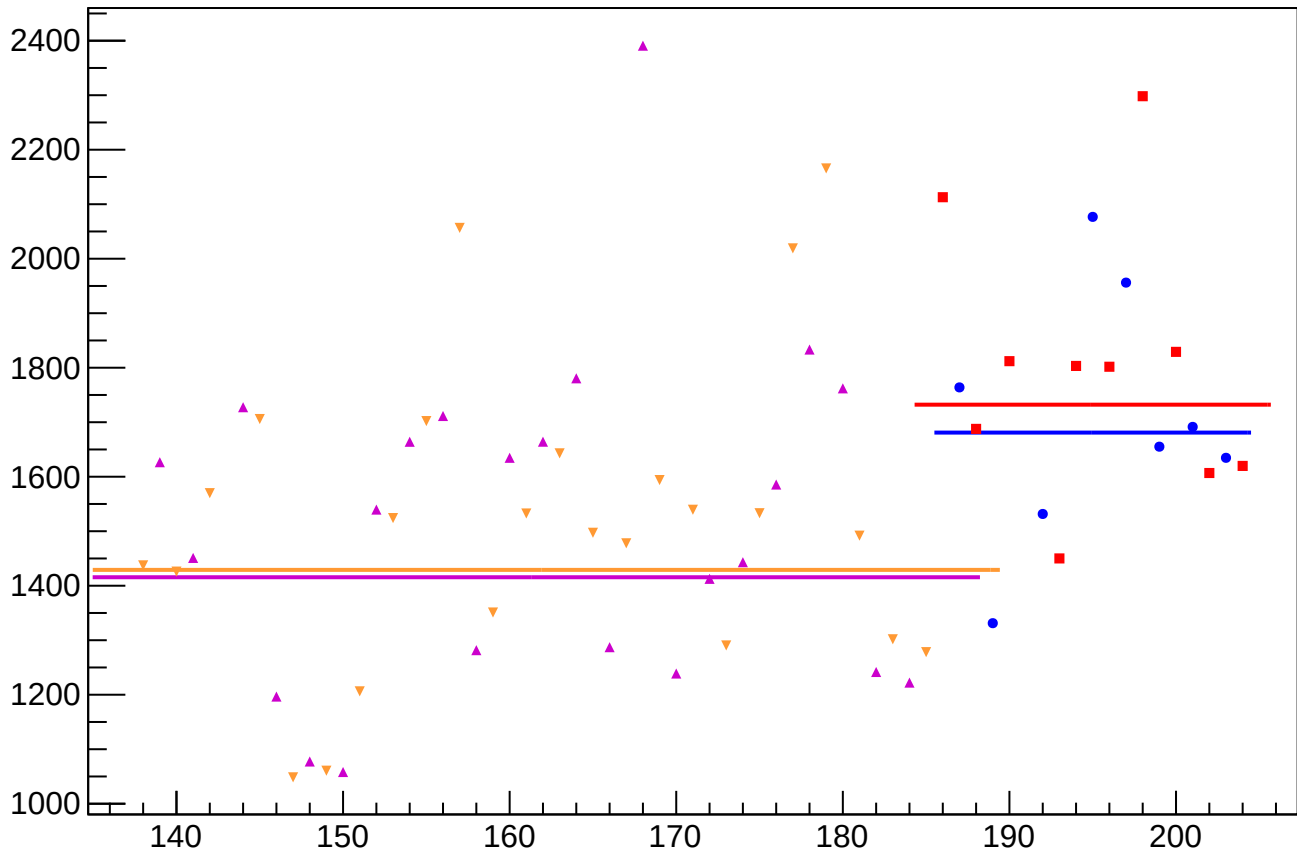
Left In: 27.722 ± 344.229 χ^2/NDF : 14.8/22

+ sign -160.893 ± 315.789 χ^2/NDF : 40.5/31

All: 102.248 ± 219.247 χ^2/NDF : 68.1/64

- sign 347.131 ± 304.636 χ^2/NDF : 26.2/32

asym_us_avg_correction_rms vs Slug



Right In: 1680.979+/-0.533 χ^2/NDF : 162220.0/7

Left Out: 1429.065+/-0.246 χ^2/NDF : 1106949.6/23

Right Out: 1732.189+/-0.463 χ^2/NDF : 203430.6/9

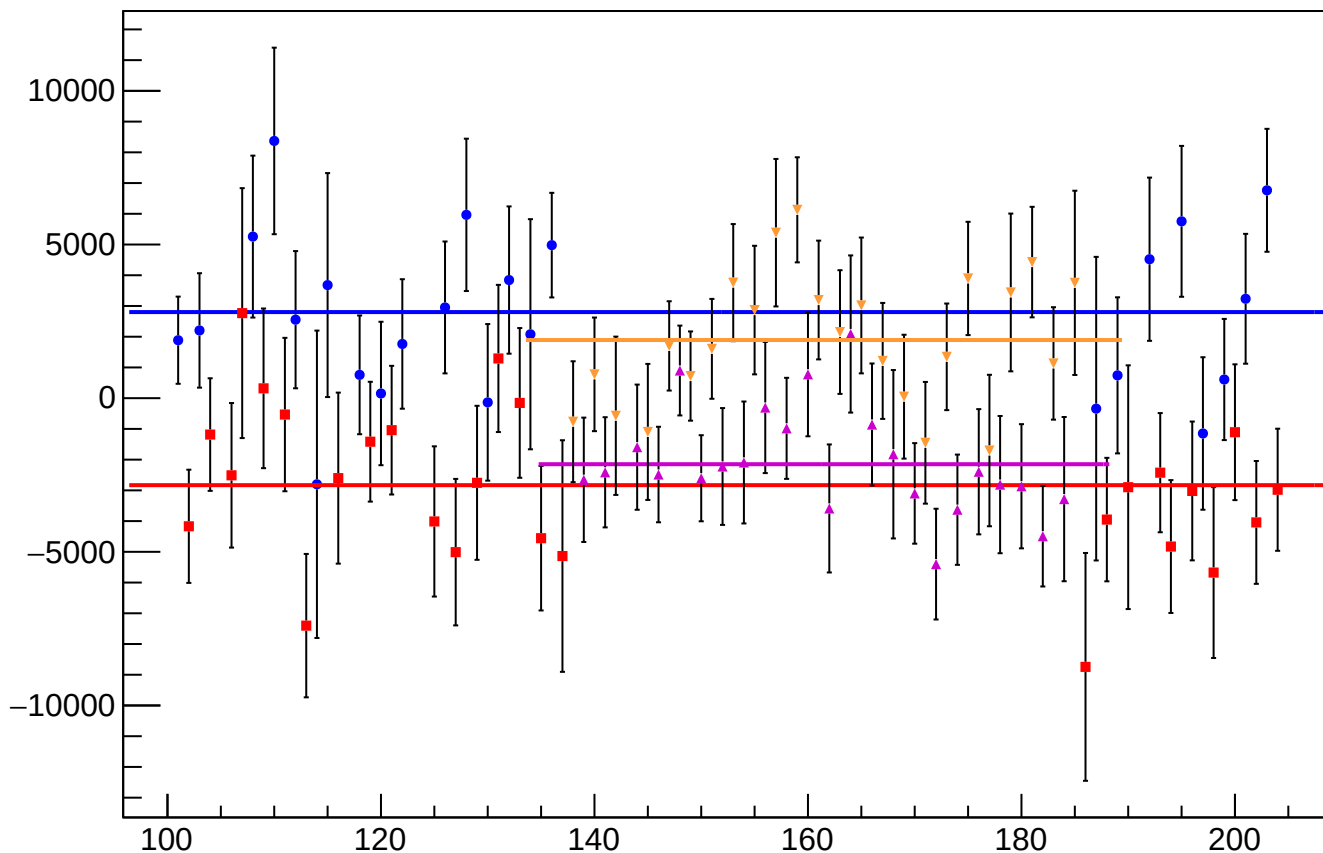
Left In: 1415.555+/-0.243 χ^2/NDF : 1245603.5/22

+ sign 1473.243+/-0.223 χ^2/NDF : 1453227.2/31

All: 1478.920+/-0.155 χ^2/NDF : 3270391.0/64

- sign 1484.204+/-0.215 χ^2/NDF : 1815915.7/32

asym_us_avg_mean vs Slug



Right In: 2801.738 $\pm$ 468.658 χ^2 /NDF: 24.2/23

Left Out: 1892.511 $\pm$ 394.798 χ^2 /NDF:25.9/23

Right Out: -2830.717 $\pm$ 449.835 χ^2 /NDF: 22.6/26

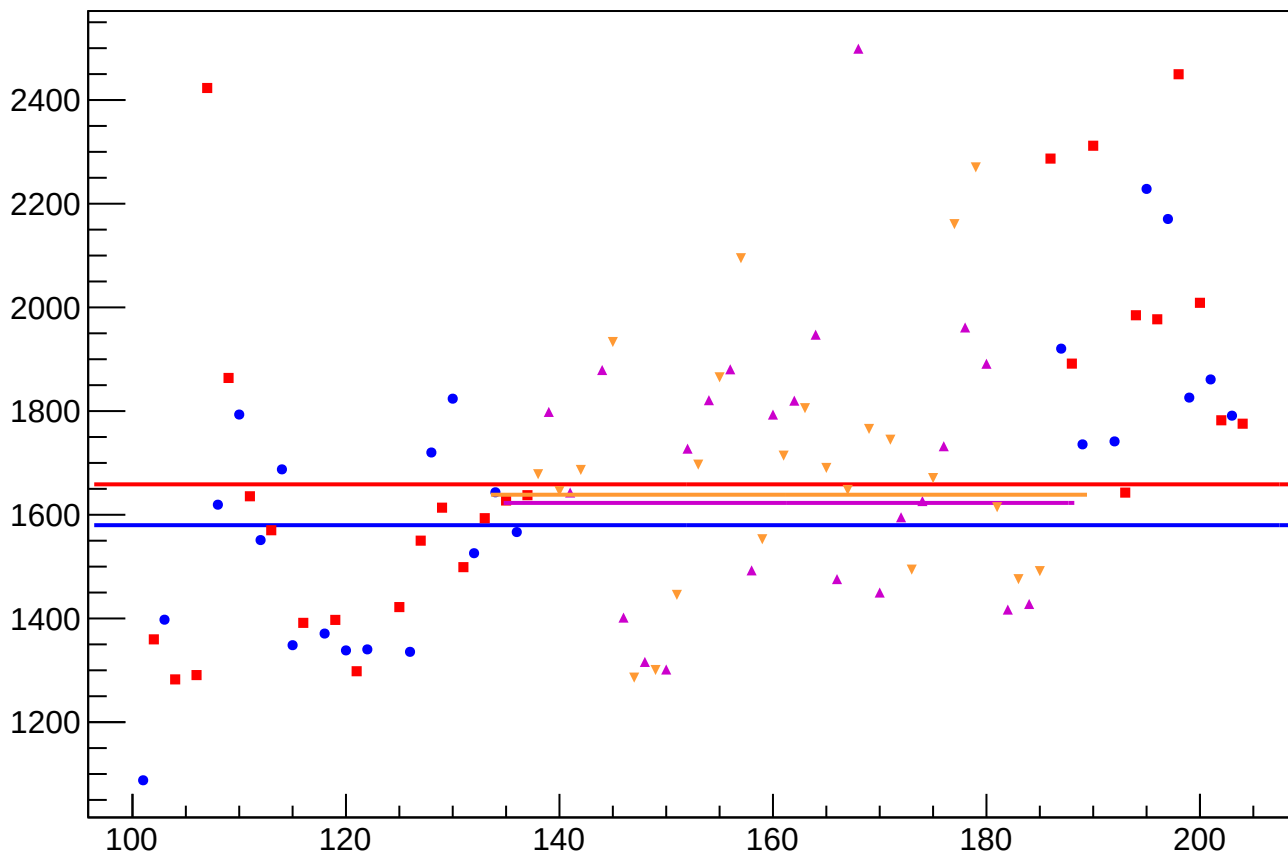
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

+ sign 2269.914 $\pm$ 301.941 χ^2 /NDF: 52.4/47

All: -138.024 $\pm$ 211.158 χ^2 /NDF: 219.2/97

- sign -2442.925 $\pm$ 295.410 χ^2 /NDF: 42.3/49

asym_us_avg_rms vs Slug



Right In: 1579.932 $\pm$ 0.331 χ^2 /NDF: 768858.8/23

Left Out: 1638.679 $\pm$ 0.279 χ^2 /NDF: 671983.1/23

Right Out: 1658.701 $\pm$ 0.318 χ^2 /NDF: 870944.0/26

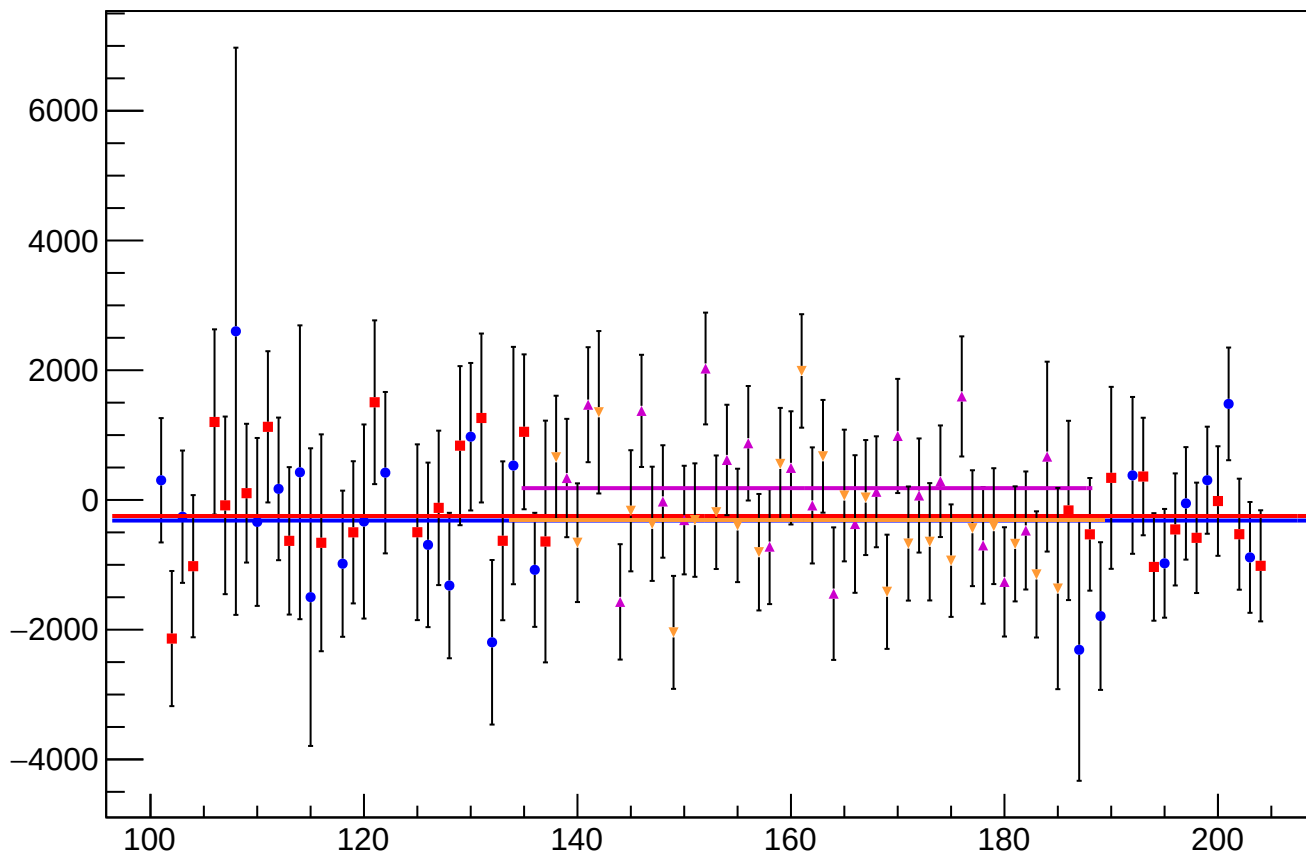
Left In: 1622.876 $\pm$ 0.277 χ^2 /NDF: 780522.2/22

+ sign 1614.294 $\pm$ 0.214 χ^2 /NDF: 1459223.6/47

All: 1626.573 $\pm$ 0.149 χ^2 /NDF: 3124377.5/97

- sign 1638.326 $\pm$ 0.209 χ^2 /NDF: 1658680.7/49

dit_asym_us_dd_mean vs Slug



Right In: -317.508 $\pm$ 230.554 χ^2 /NDF: 16.5/23

Left Out: -308.819 $\pm$ 187.448 χ^2 /NDF: 20.6/23

Right Out: -247.225 $\pm$ 208.410 χ^2 /NDF: 14.8/26

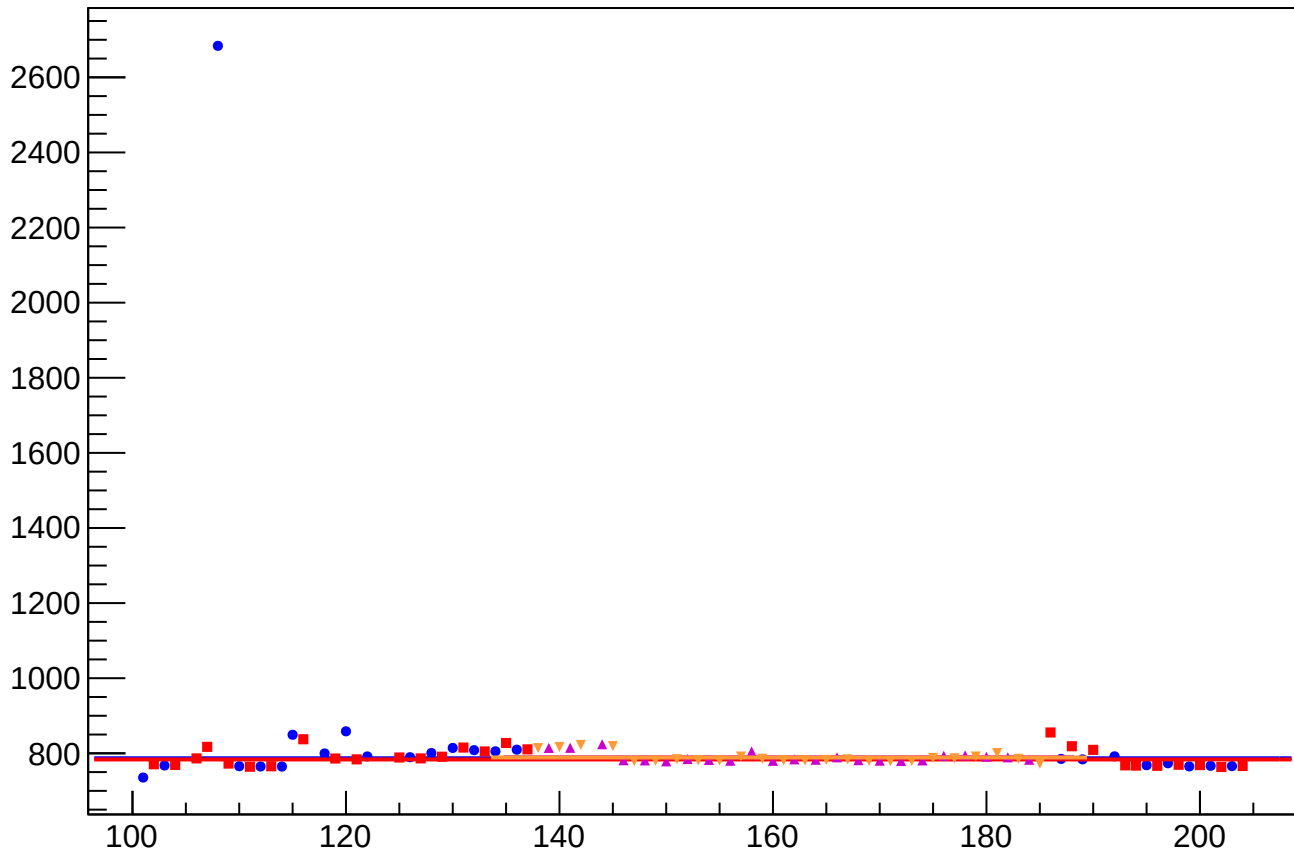
Left In: 181.983 $\pm$ 187.935 χ^2 /NDF: 25.6/22

+ sign -312.277 $\pm$ 145.443 χ^2 /NDF: 37.0/47

All: -155.175 $\pm$ 100.703 χ^2 /NDF: 82.0/97

- sign -10.507 $\pm$ 139.569 χ^2 /NDF: 42.7/49

dit_asym_us_dd_rms vs Slug



Right In: 786.784 $\pm$ 0.163 χ^2 /NDF: 399634.8/23

Left Out: 788.886 $\pm$ 0.133 χ^2 /NDF: 9342.2/23

Right Out: 783.635 $\pm$ 0.147 χ^2 /NDF: 24864.6/26

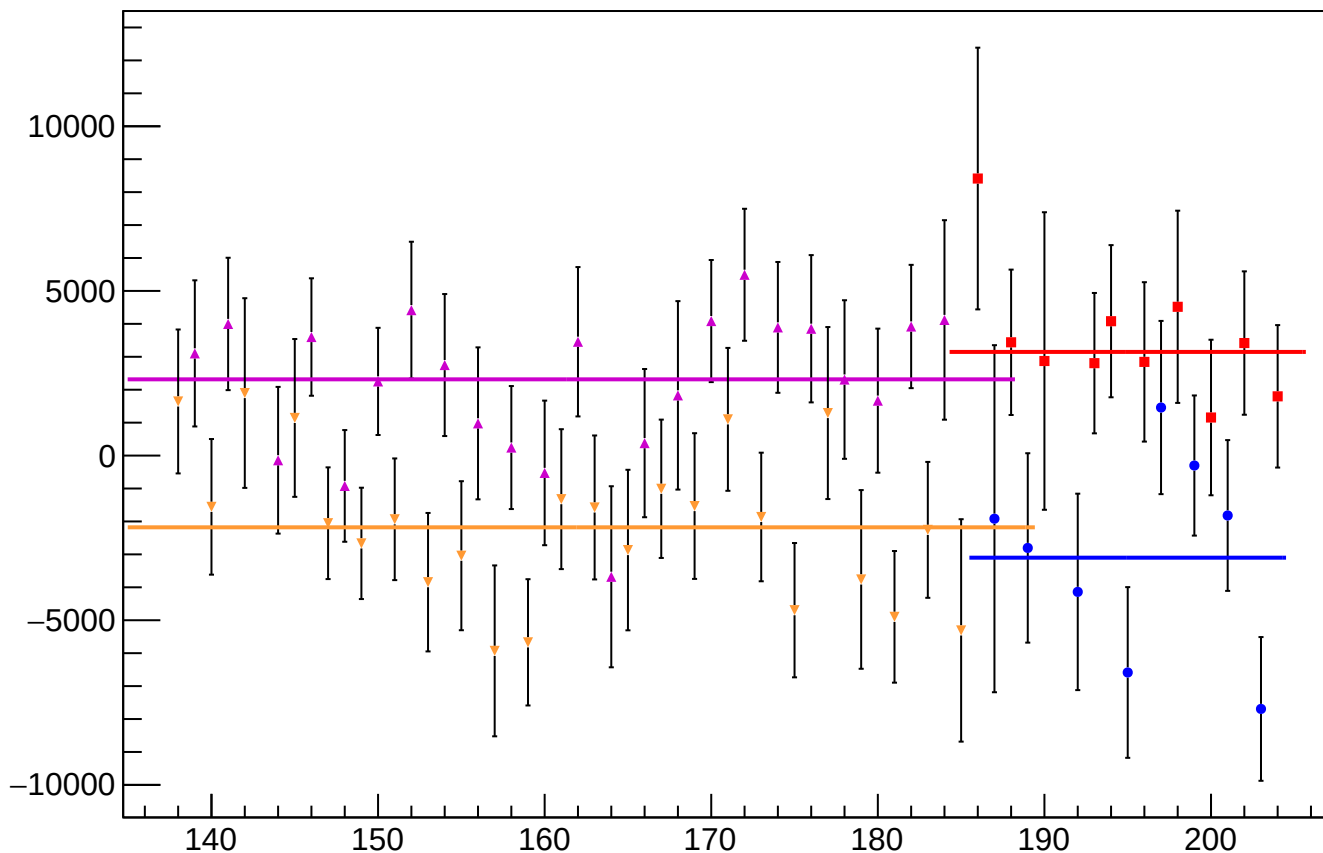
Left In: 789.406 $\pm$ 0.133 χ^2 /NDF: 9219.1/22

+ sign 788.049 $\pm$ 0.103 χ^2 /NDF: 409077.0/47

All: 787.408 $\pm$ 0.071 χ^2 /NDF: 444081.3/97

- sign 786.818 $\pm$ 0.099 χ^2 /NDF: 34929.6/49

asym_us_dd_correction_mean vs Slug



Right In: -3100.244+/-918.857 χ^2/NDF : 11.5/7

Left Out: -2178.467+/-439.661 χ^2/NDF : 22.7/23

Right Out: 3147.832+/-786.359 χ^2/NDF : 3.3/9

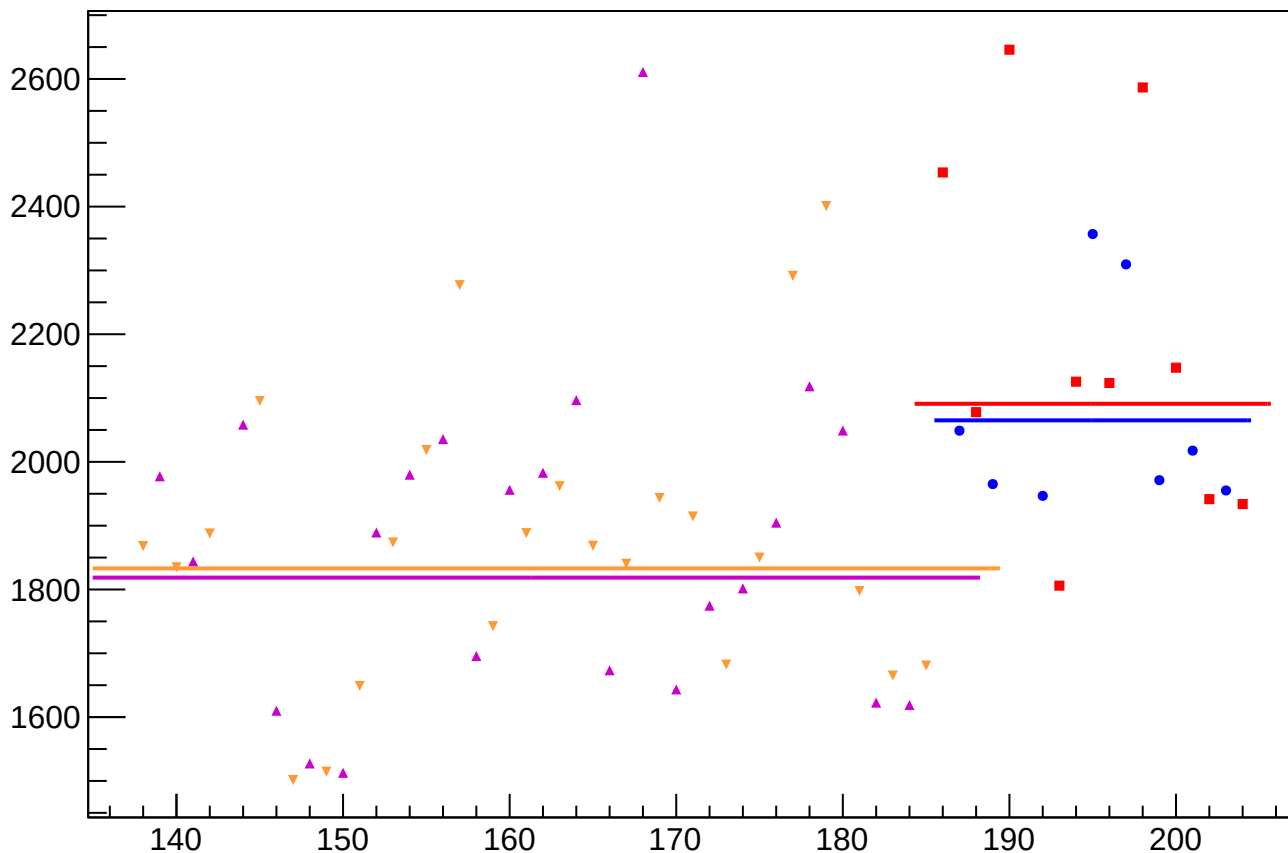
Left In: 2315.169+/-437.003 χ^2/NDF : 22.0/22

+ sign -2350.191+/-396.598 χ^2/NDF : 35.0/31

All: 171.973+/-275.124 χ^2/NDF : 139.1/64

- sign 2511.646+/-381.981 χ^2/NDF : 26.2/32

asym_us_dd_correction_rms vs Slug



Right In: 2065.052 ± 0.650 χ^2/NDF : 58039.4/7

Left Out: 1833.028 ± 0.311 χ^2/NDF : 465466.9/23

Right Out: 2090.998 ± 0.556 χ^2/NDF : 162270.7/9

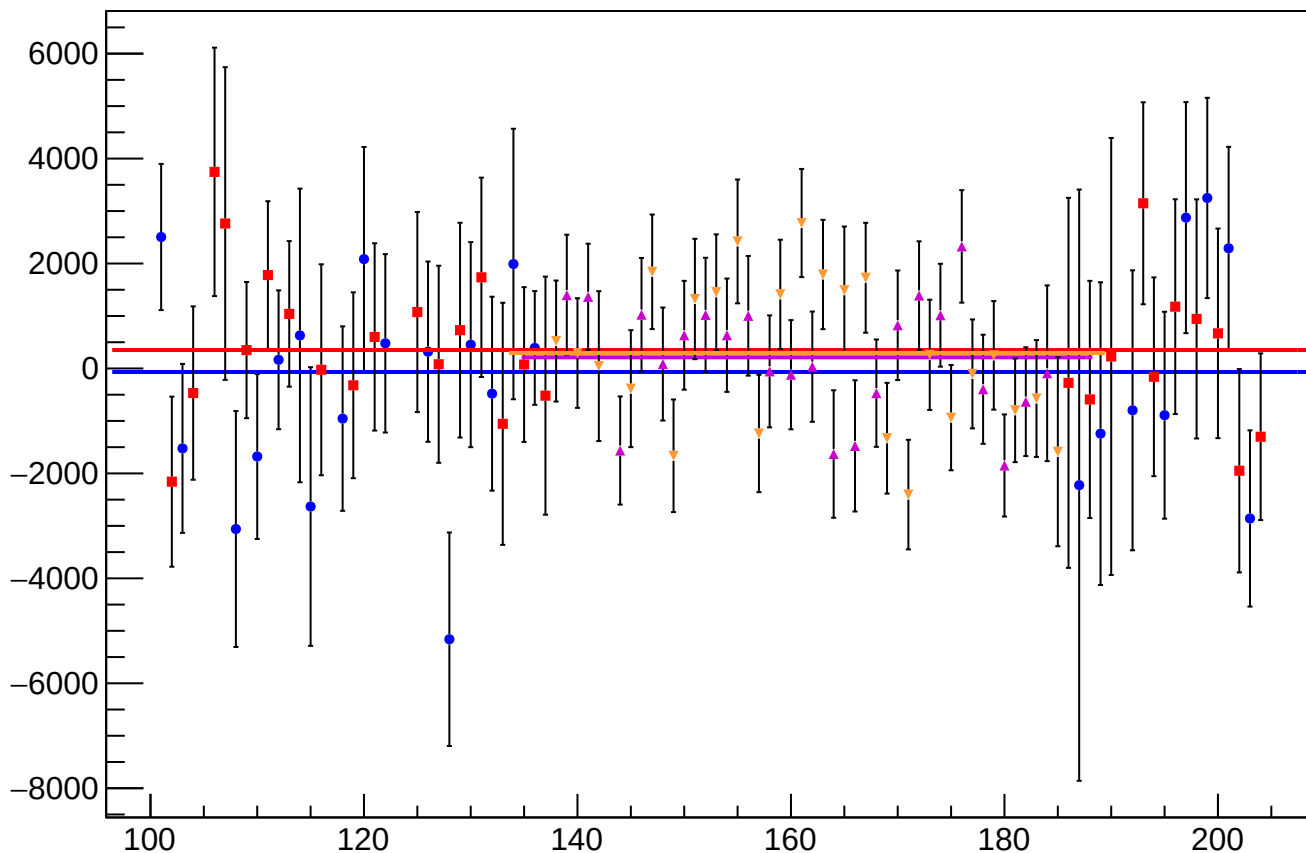
Left In: 1818.594 ± 0.309 χ^2/NDF : 536826.7/22

+ sign 1876.253 ± 0.280 χ^2/NDF : 627275.5/31

All: 1879.686 ± 0.195 χ^2/NDF : 1510031.5/64

- sign 1882.871 ± 0.270 χ^2/NDF : 882467.1/32

asym_us_dd_mean vs Slug



Right In: -66.934 ± 377.334 χ^2/NDF : 26.3/23

Left Out: 294.652 ± 224.344 χ^2/NDF : 38.3/23

Right Out: 351.654 ± 360.827 χ^2/NDF : 13.3/26

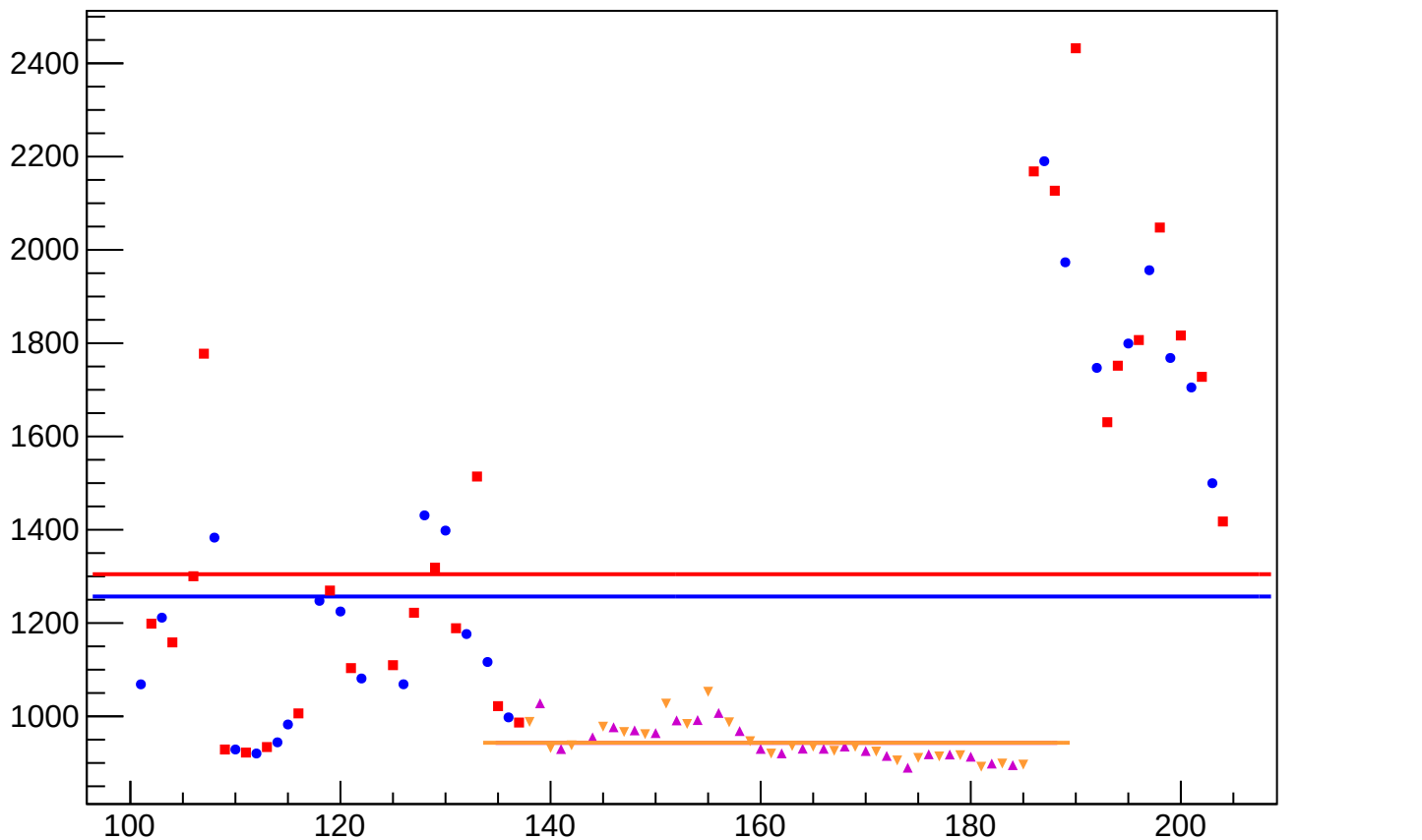
Left In: 212.080 ± 224.701 χ^2/NDF : 23.7/22

+ sign 200.216 ± 192.836 χ^2/NDF : 65.3/47

All: 225.927 ± 135.608 χ^2/NDF : 102.5/97

- sign 251.082 ± 190.739 χ^2/NDF : 37.1/49

asym_us_dd_rms vs Slug



Right In: 1256.907+/-0.267 χ^2/NDF : 1394303.2/23

Left Out: 943.327+/-0.159 χ^2/NDF : 60410.5/23

Right Out: 1304.665+/-0.255 χ^2/NDF : 2034643.9/26

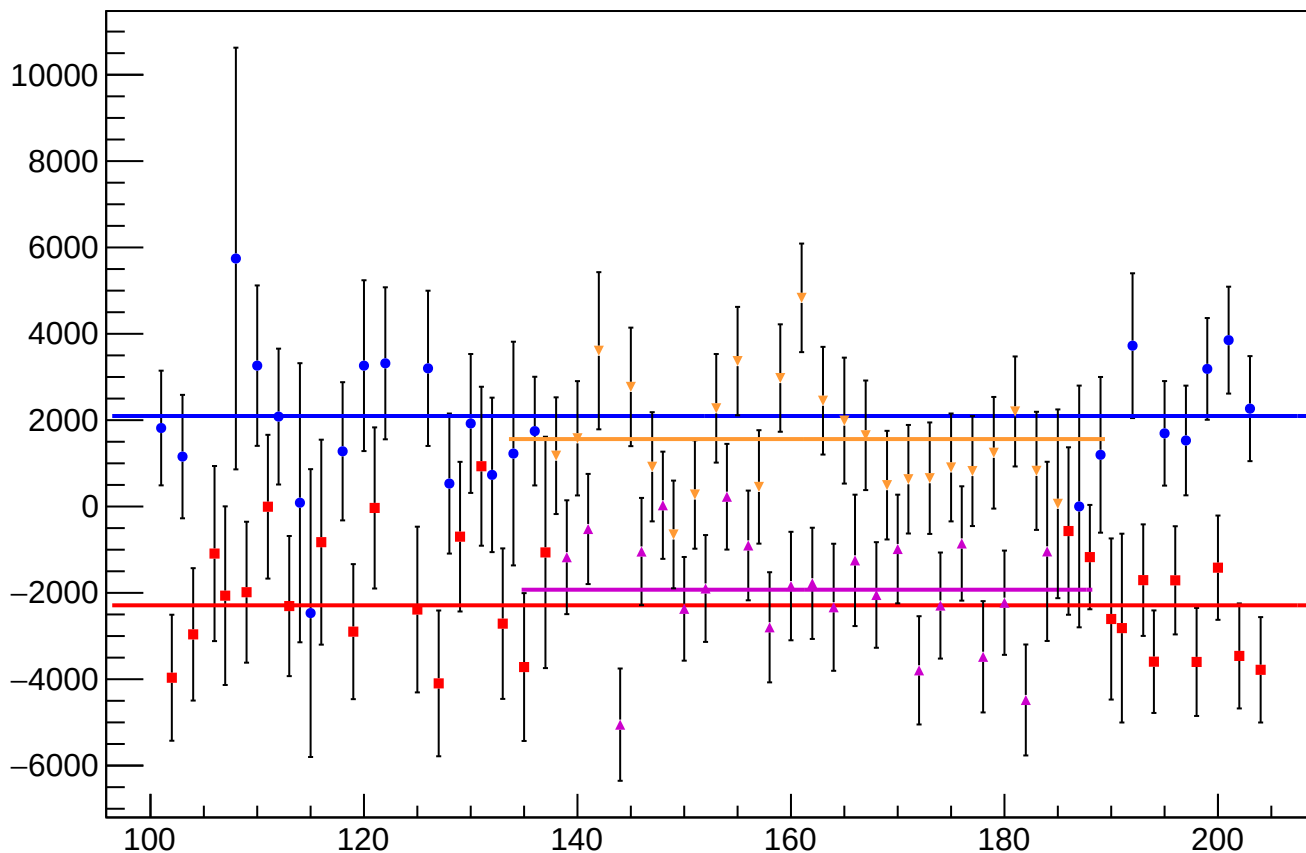
Left In: 943.137+/-0.159 χ^2/NDF : 49948.2/22

+ sign 1025.225+/-0.136 χ^2/NDF : 2475228.6/47

All: 1034.797+/-0.096 χ^2/NDF : 6016310.3/97

- sign 1044.161+/-0.135 χ^2/NDF : 3531333.3/49

dit_asym_usl_mean vs Slug



Right In: 2096.267 ± 328.667 χ^2/NDF : 11.8/23

Left Out: 1562.090 ± 269.272 χ^2/NDF : 21.8/23

Right Out: -2288.383 ± 295.058 χ^2/NDF : 19.2/27

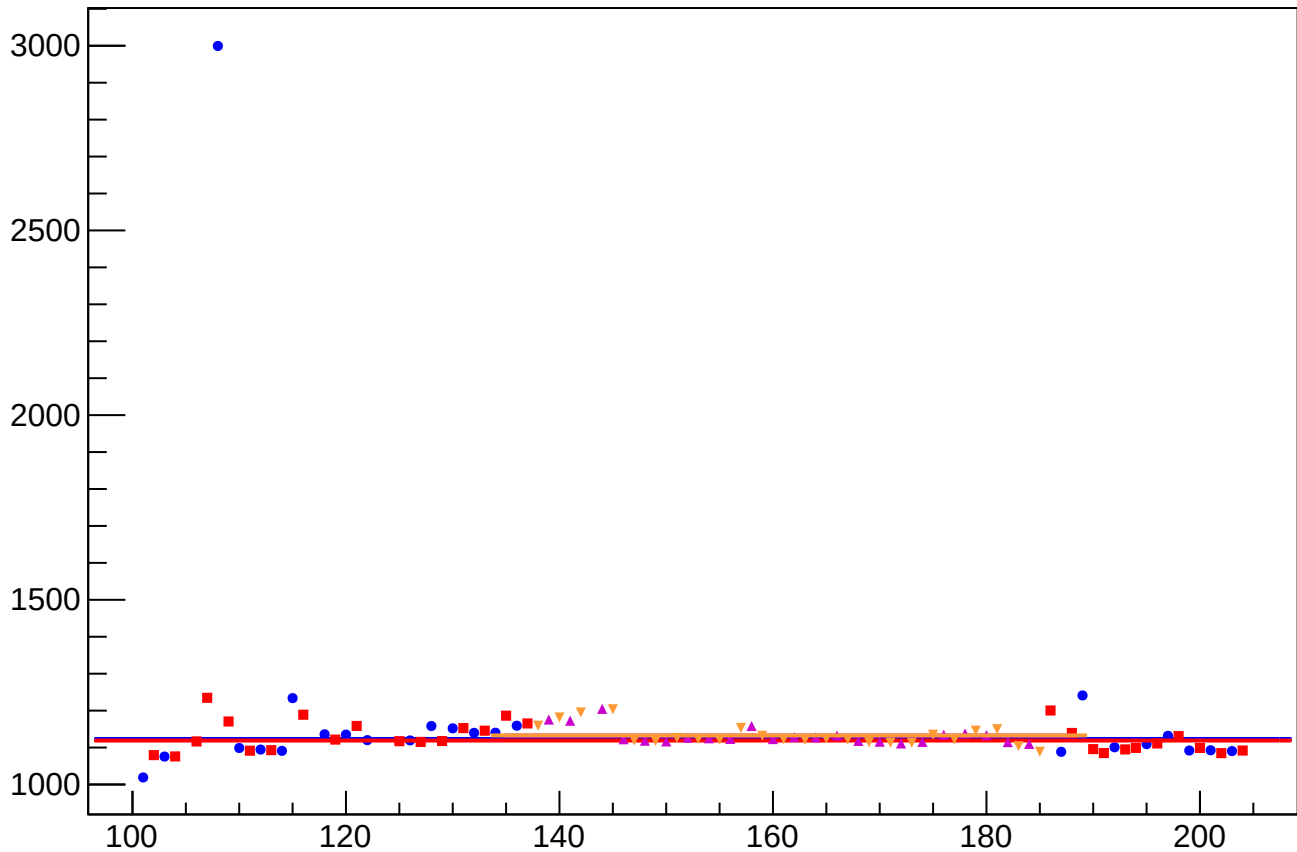
Left In: -1926.929 ± 269.667 χ^2/NDF : 24.1/22

+ sign 1776.636 ± 208.293 χ^2/NDF : 35.2/47

All: -245.066 ± 143.908 χ^2/NDF : 259.6/98

- sign -2091.438 ± 199.056 χ^2/NDF : 44.2/50

dit_asym_usl_rms vs Slug



Right In: 1123.267 $\pm$ 0.232 χ^2 /NDF: 330467.2/23

Left Out: 1132.882 $\pm$ 0.190 χ^2 /NDF: 16786.8/23

Right Out: 1119.089 $\pm$ 0.209 χ^2 /NDF: 29342.4/27

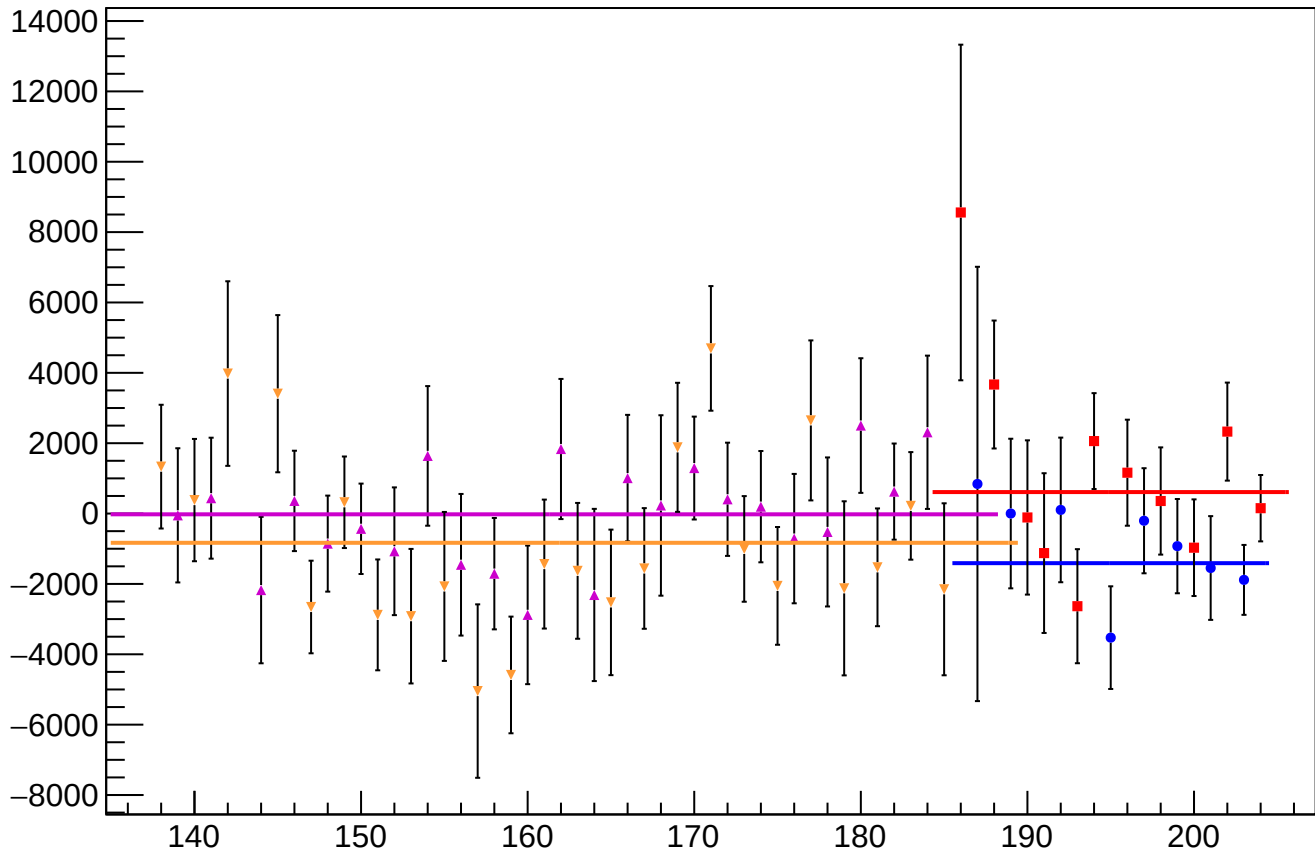
Left In: 1132.570 $\pm$ 0.191 χ^2 /NDF: 14524.8/22

+ sign 1129.020 $\pm$ 0.147 χ^2 /NDF: 348278.2/47

All: 1127.669 $\pm$ 0.102 χ^2 /NDF: 394581.4/98

- sign 1126.435 $\pm$ 0.141 χ^2 /NDF: 46142.1/50

asym_usl_correction_mean vs Slug



Right In: -1409.823 ± 539.758 χ^2/NDF : 4.2/7

Left Out: -830.927 ± 366.086 χ^2/NDF : 40.1/23

Right Out: 610.763 ± 460.894 χ^2/NDF : 14.7/10

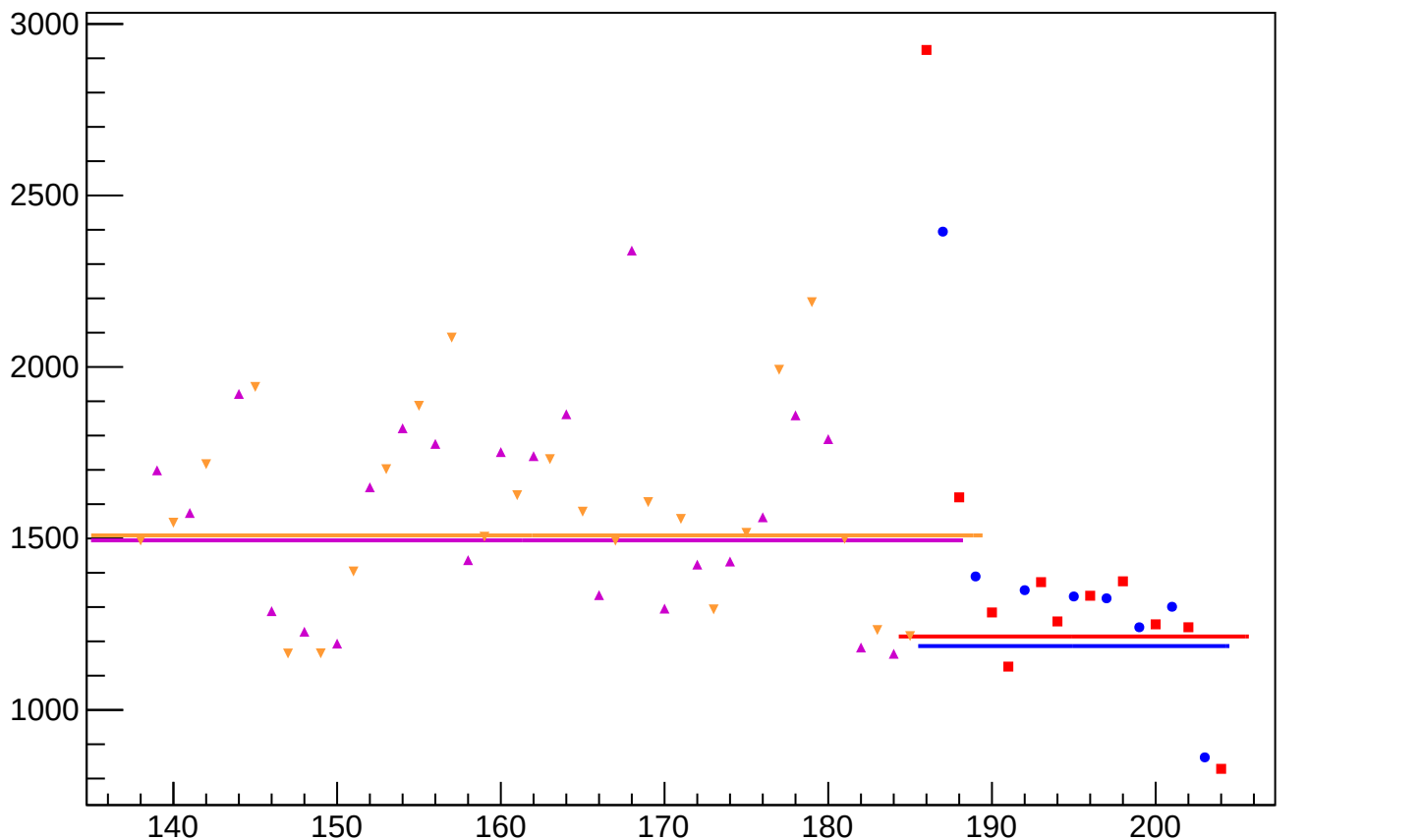
Left In: -21.419 ± 362.476 χ^2/NDF : 12.8/22

+ sign -1013.322 ± 302.974 χ^2/NDF : 45.1/31

All: -358.727 ± 207.557 χ^2/NDF : 82.5/65

- sign 220.171 ± 284.918 χ^2/NDF : 28.6/33

asym_usl_correction_rms vs Slug



Right In: 1186.278+/-0.382 χ^2/NDF : 373249.1/7

Left Out: 1508.993+/-0.259 χ^2/NDF : 988673.2/23

Right Out: 1214.198+/-0.326 χ^2/NDF : 754288.0/10

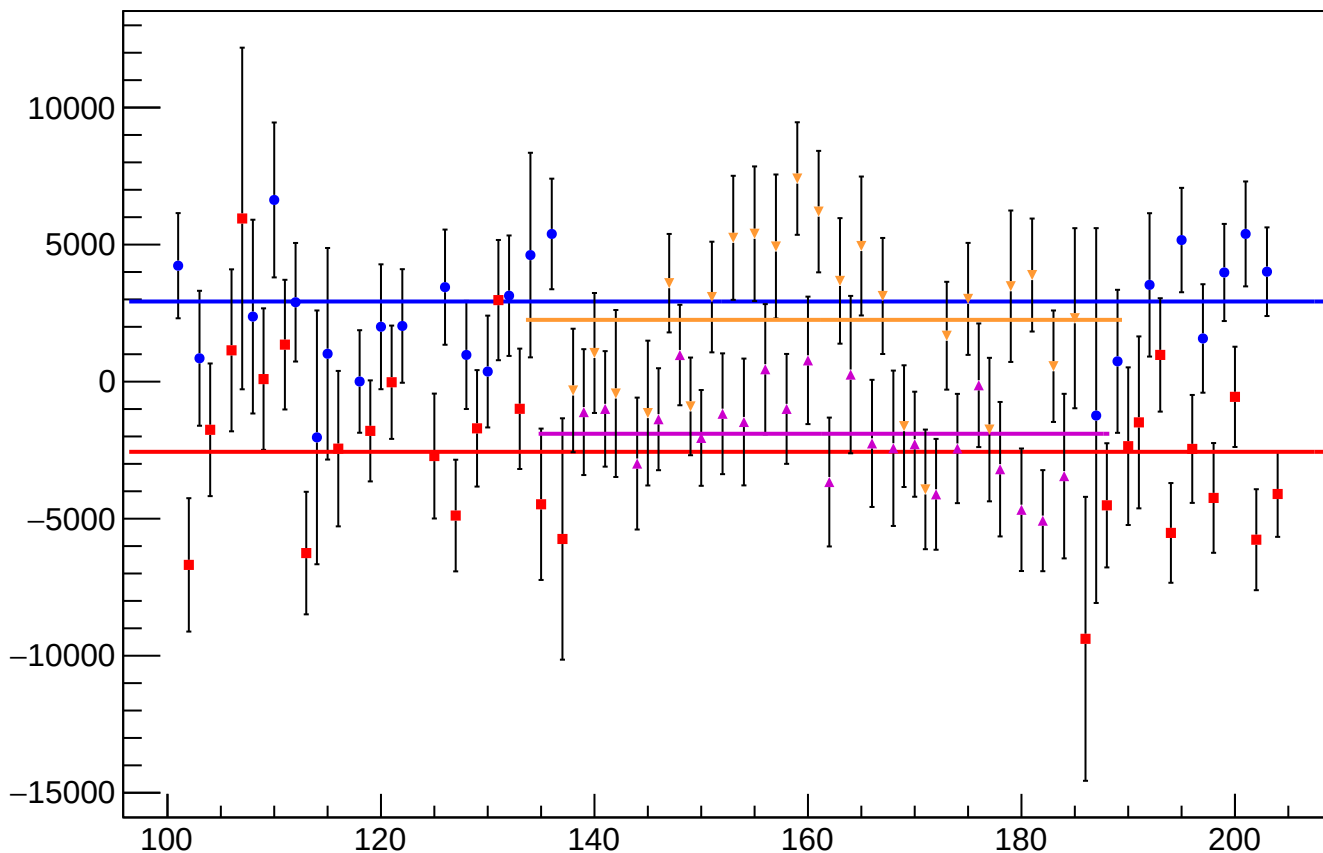
Left In: 1494.507+/-0.256 χ^2/NDF : 1096280.5/22

+ sign 1407.314+/-0.214 χ^2/NDF : 1851602.4/31

All: 1396.739+/-0.147 χ^2/NDF : 4163830.8/65

- sign 1387.386+/-0.201 χ^2/NDF : 2307636.9/33

asym_usl_mean vs Slug



Right In: 2924.205 $\pm$ 458.914 χ^2 /NDF: 16.8/23

Left Out: 2253.979 $\pm$ 456.390 χ^2 /NDF:38.7/23

Right Out: -2560.653 $\pm$ 429.751 χ^2 /NDF: 38.0/27

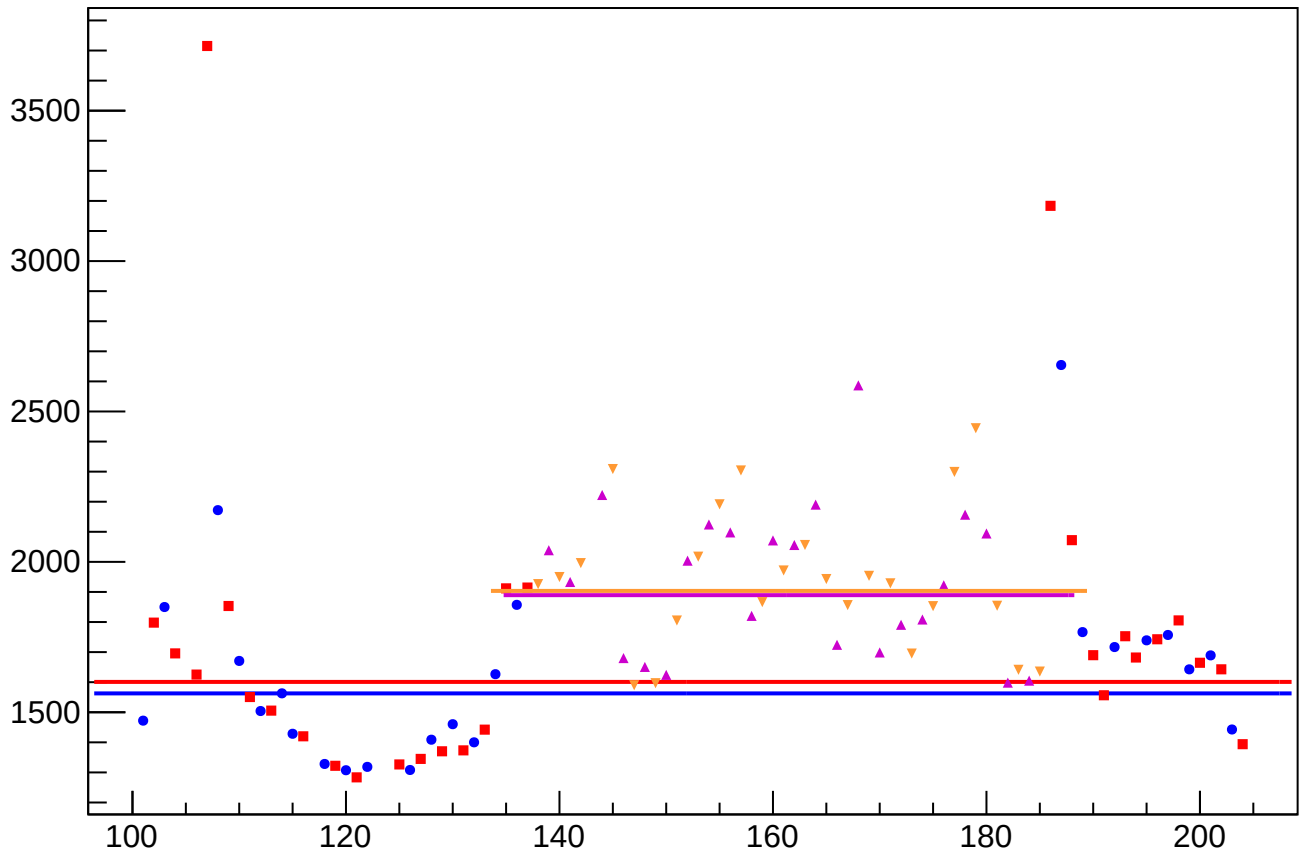
Left In: -1901.797 $\pm$ 453.879 χ^2 /NDF:13.9/22

+ sign 2587.244 $\pm$ 323.605 χ^2 /NDF: 56.6/47

All: 81.218 $\pm$ 224.631 χ^2 /NDF: 225.3/98

- sign -2249.202 $\pm$ 312.061 χ^2 /NDF: 53.0/50

asym_usl_rms vs Slug



Right In: 1562.720+/-0.325 χ^2/NDF : 413347.3/23

Left Out: 1903.456+/-0.323 χ^2/NDF : 461899.8/23

Right Out: 1600.929+/-0.304 χ^2/NDF : 882920.9/27

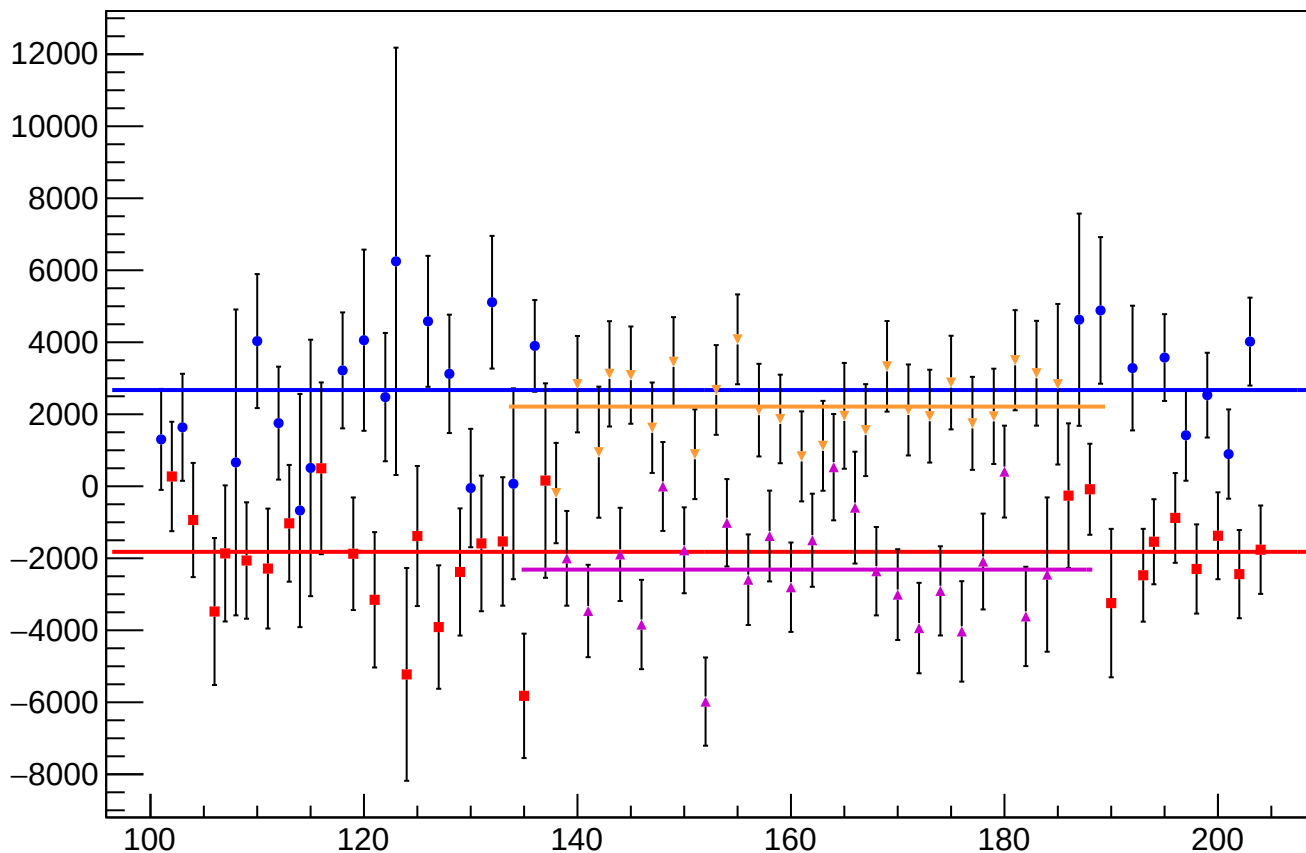
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

+ sign 1734.028+/-0.229 χ^2/NDF : 1429570.9/47

All: 1735.702+/-0.159 χ^2/NDF : 3247016.6/98

- sign 1737.259+/-0.221 χ^2/NDF : 1817342.4/50

dit_asym_usr_mean vs Slug



Right In: 2672.969 $\pm$ 334.890 χ^2 /NDF: 18.9/24

Left Out: 2213.308 $\pm$ 266.921 χ^2 /NDF:14.2/24

Right Out: -1821.000 $\pm$ 298.981 χ^2 /NDF: 18.0/27

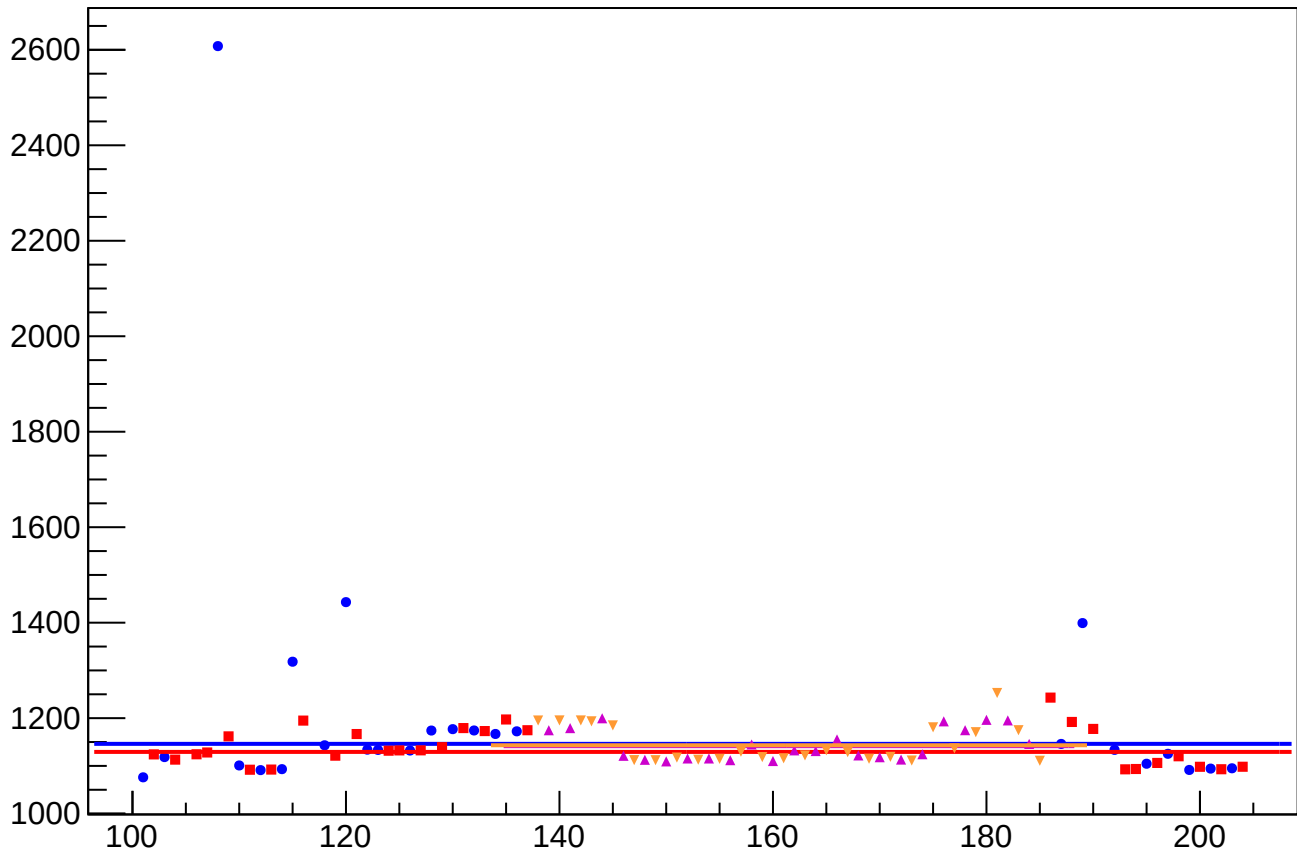
Left In: -2314.778 $\pm$ 271.873 χ^2 /NDF:31.6/22

+ sign 2391.879 $\pm$ 208.731 χ^2 /NDF: 34.2/49

All: 67.355 $\pm$ 144.839 χ^2 /NDF: 324.4/100

- sign -2091.284 $\pm$ 201.146 χ^2 /NDF: 51.0/50

dit_asym_usr_rms vs Slug



Right In: 1146.180 ± 0.237 χ^2/NDF : 327305.0/24

Left Out: 1143.249 ± 0.189 χ^2/NDF : 39493.3/24

Right Out: 1129.306 ± 0.211 χ^2/NDF : 32829.3/27

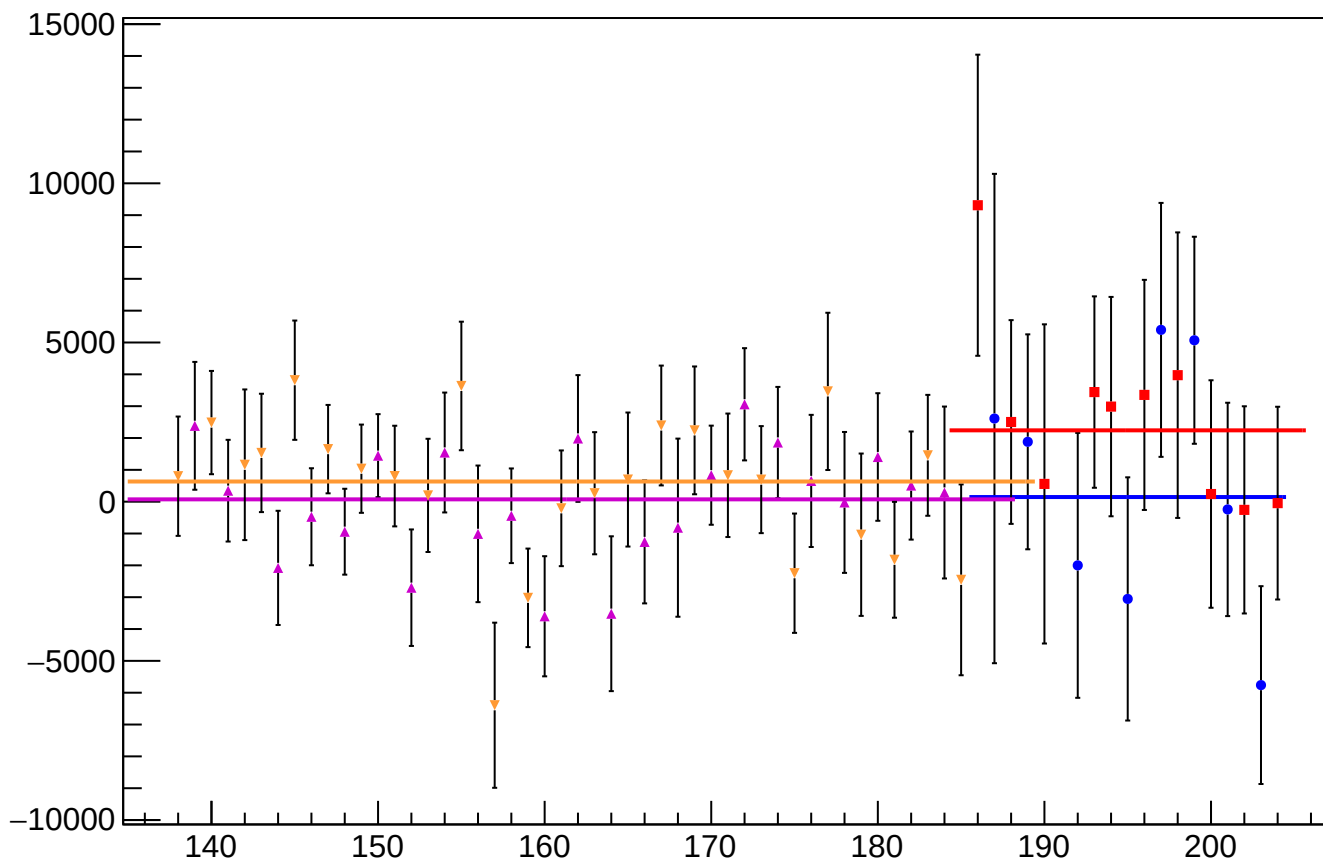
Left In: 1141.363 ± 0.192 χ^2/NDF : 28014.9/22

+ sign 1144.388 ± 0.148 χ^2/NDF : 366892.0/49

All: 1139.990 ± 0.102 χ^2/NDF : 431229.2/100

- sign 1135.906 ± 0.142 χ^2/NDF : 62624.7/50

asym_usr_correction_mean vs Slug



Right In: 145.707 $\pm$ 1311.813 χ^2 /NDF: 9.0/7

Left Out: 633.748 $\pm$ 371.934 χ^2 /NDF: 29.3/24

Right Out: 2240.722 $\pm$ 1128.449 χ^2 /NDF: 4.3/9

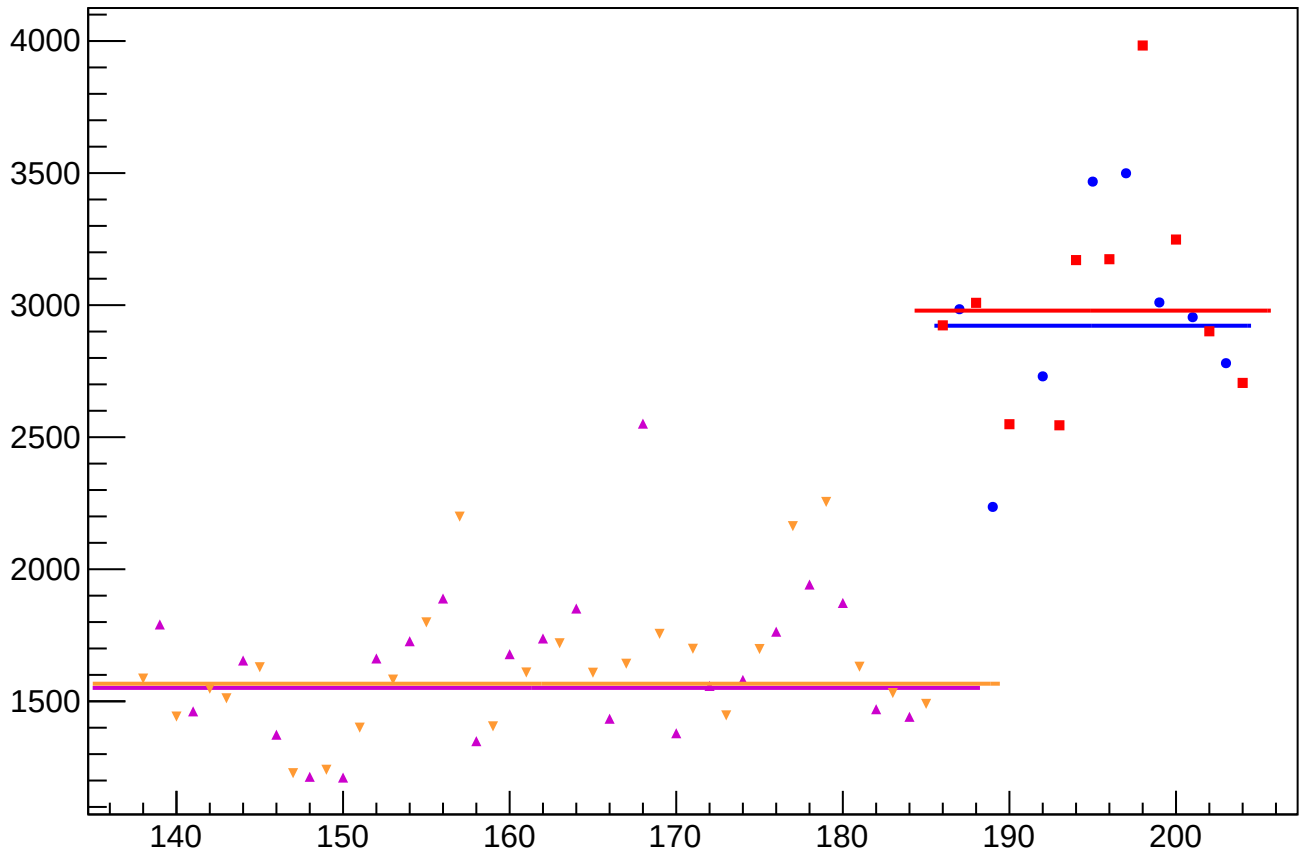
Left In: 72.962 $\pm$ 375.277 χ^2 /NDF: 20.1/22

+ sign 597.434 $\pm$ 357.829 χ^2 /NDF: 38.4/32

All: 442.387 $\pm$ 252.411 χ^2 /NDF: 66.5/65

- sign 288.834 $\pm$ 356.102 χ^2 /NDF: 27.7/32

asym_usr_correction_rms vs Slug



Right In: 2922.041±/-0.928 χ^2/NDF : 175497.0/7

Left Out: 1566.626±/-0.263 χ^2/NDF : 766955.2/24

Right Out: 2979.218±/-0.798 χ^2/NDF : 197930.0/9

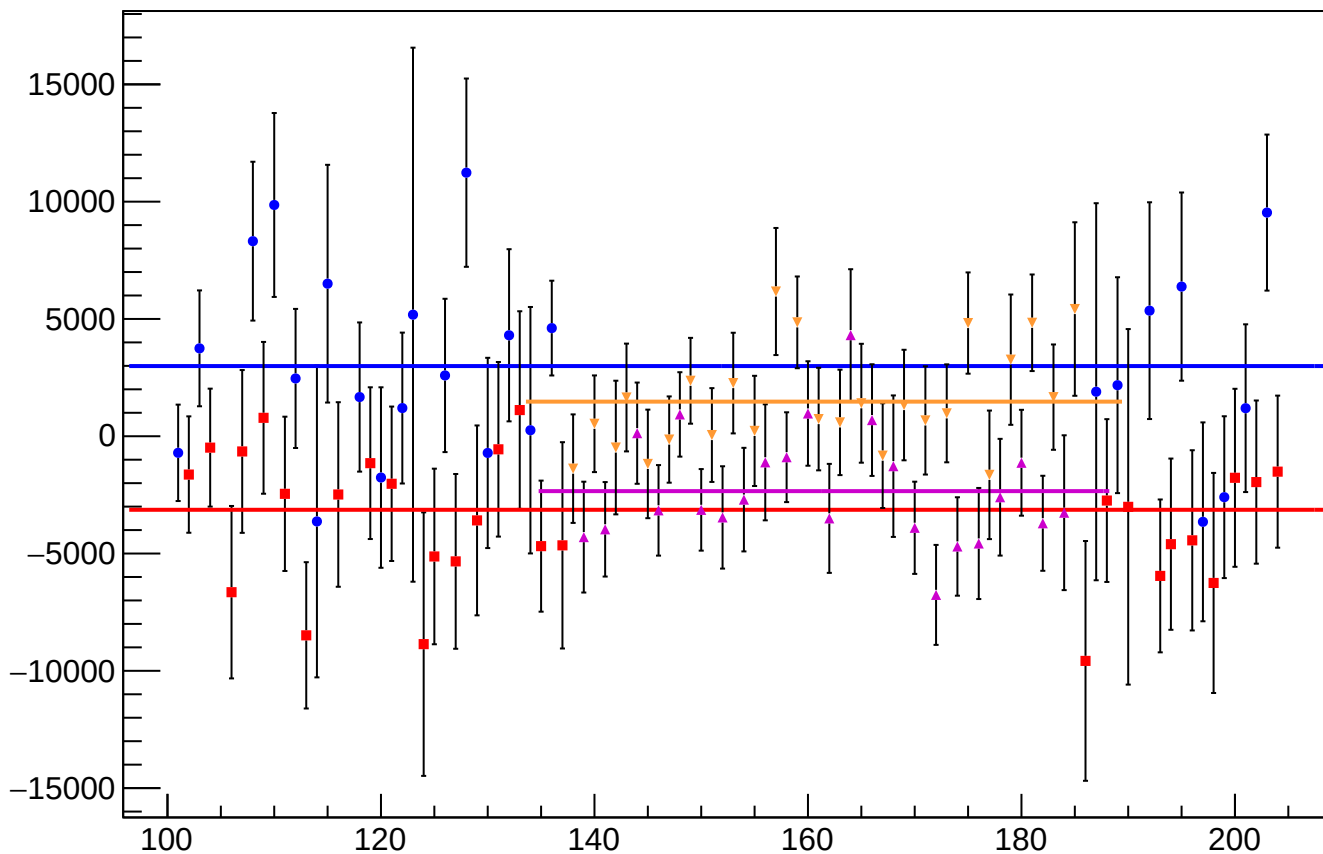
Left In: 1550.750±/-0.265 χ^2/NDF : 928652.8/22

+ sign 1667.477±/-0.253 χ^2/NDF : 2918744.5/32

All: 1680.301±/-0.178 χ^2/NDF : 6936139.3/65

- sign 1693.001±/-0.252 χ^2/NDF : 4012282.3/32

asym_usr_mean vs Slug



Right In: 2991.543 ± 698.196 χ^2/NDF : 28.8/24

Left Out: 1475.648 ± 451.347 χ^2/NDF : 20.9/24

Right Out: -3135.266 ± 669.030 χ^2/NDF : 15.1/27

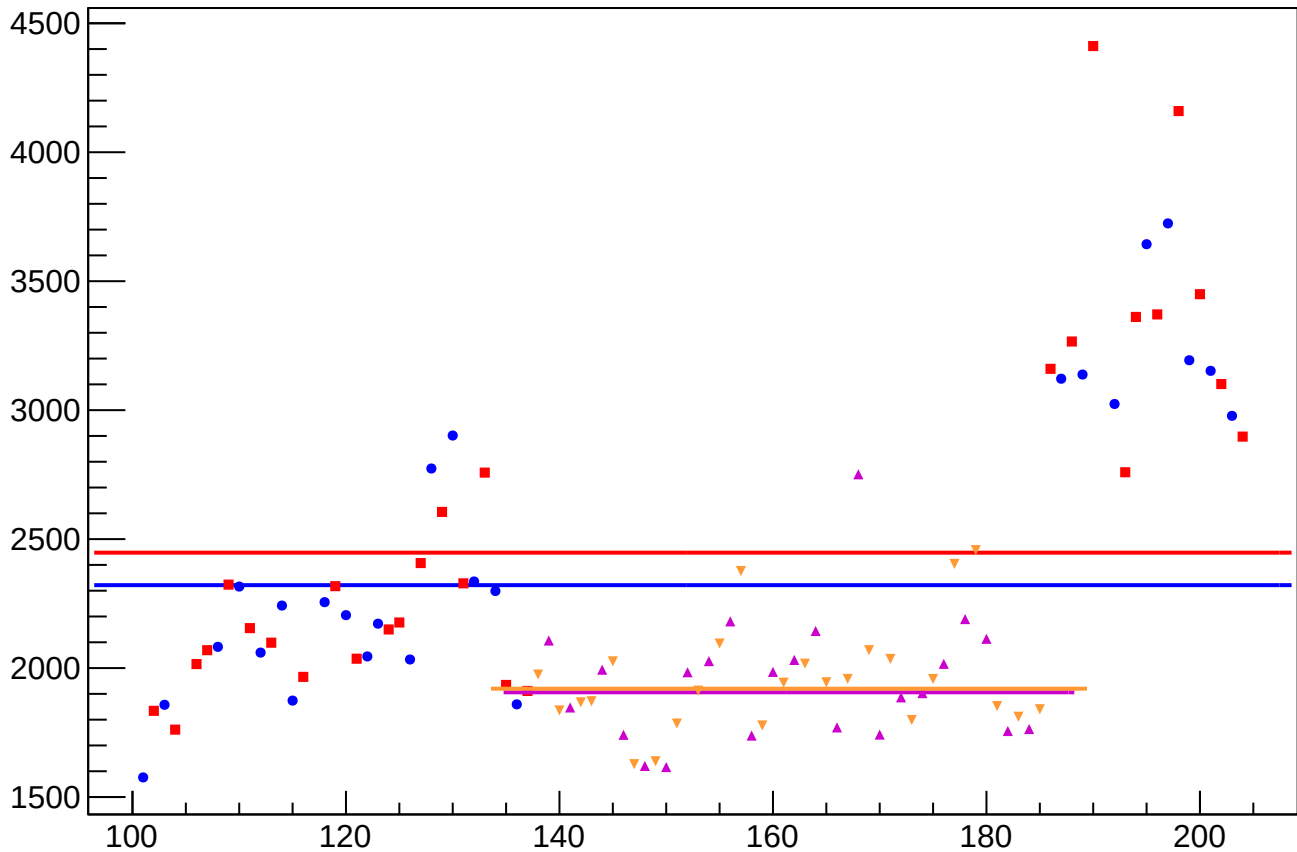
Left In: -2339.905 ± 457.448 χ^2/NDF : 25.2/22

+ sign 1922.426 ± 379.043 χ^2/NDF : 53.0/49

All: -343.946 ± 267.518 χ^2/NDF : 165.4/100

- sign -2593.287 ± 377.617 χ^2/NDF : 41.2/50

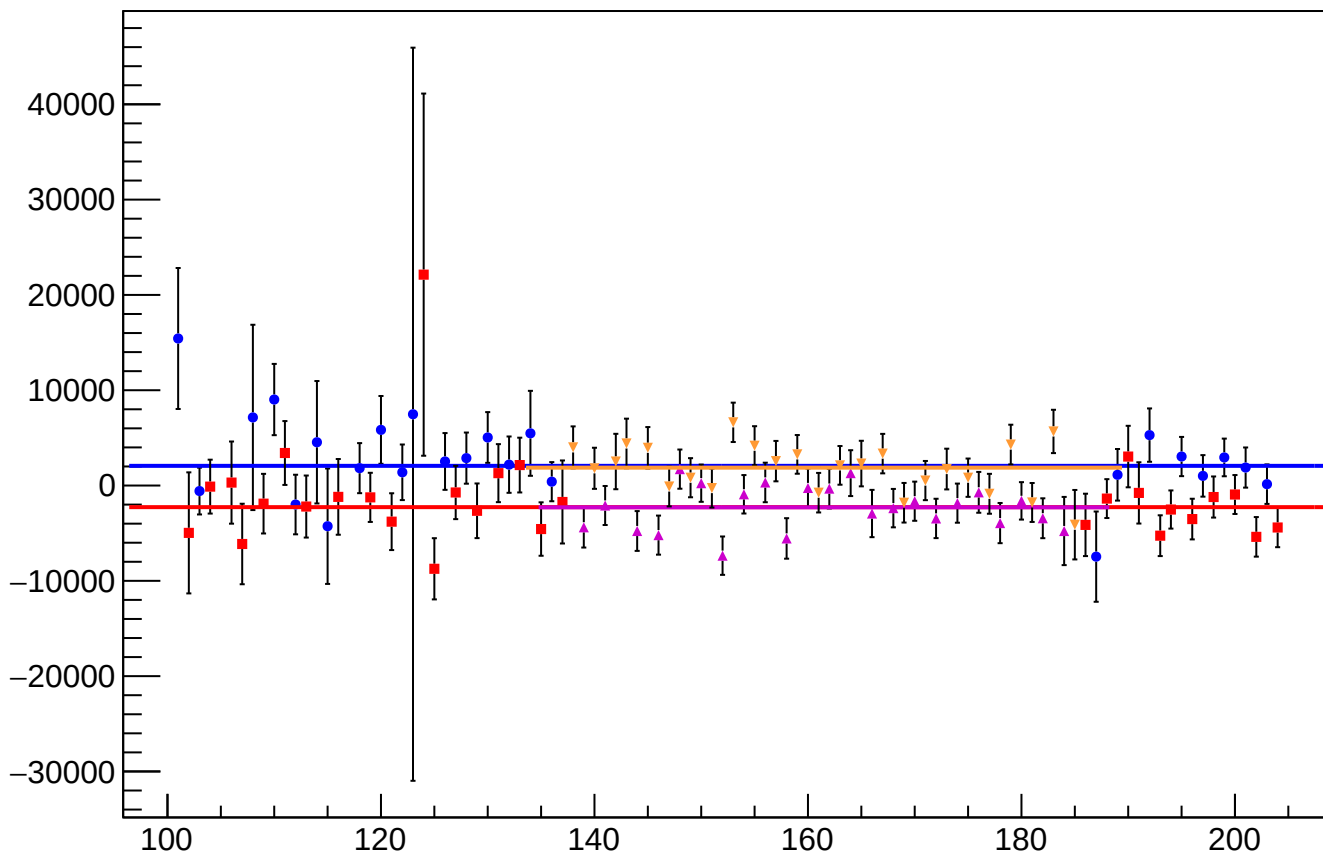
asym_usr_rms vs Slug



Right In: 2321.514 $\pm$ 0.494 χ^2 /NDF: 1458518.4/24
 Left Out: 1920.082 $\pm$ 0.319 χ^2 /NDF:365919.7/24
 Right Out: 2447.489 $\pm$ 0.473 χ^2 /NDF: 1619207.3/27
 Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF:451054.7/22

+ sign 2038.396 $\pm$ 0.268 χ^2 /NDF: 2290726.6/49
 All: 2058.541 $\pm$ 0.189 χ^2 /NDF: 5264868.4/10
 - sign 2078.534 $\pm$ 0.267 χ^2 /NDF: 2962886.1/50

dit_asym_at1_avg_mean vs Slug



Right In: 2066.048 ± 574.807 χ^2/NDF : 21.9/24

Left Out: 1875.290 ± 433.245 χ^2/NDF : 30.0/24

Right Out: -2267.507 ± 515.348 χ^2/NDF : 25.5/28

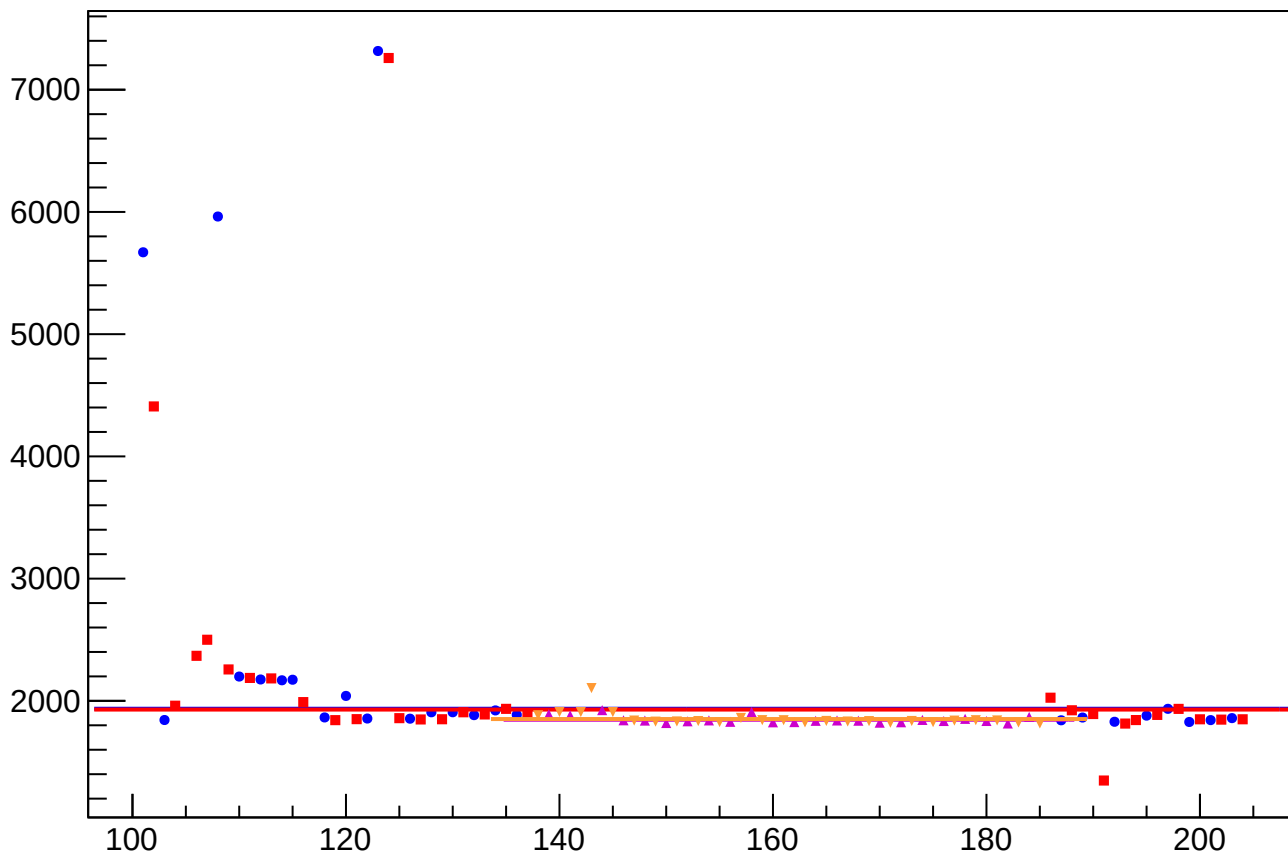
Left In: -2286.268 ± 441.005 χ^2/NDF : 27.3/22

+ sign 1944.399 ± 345.977 χ^2/NDF : 52.0/49

All: -234.591 ± 240.693 χ^2/NDF : 181.8/101

- sign -2278.337 ± 335.068 χ^2/NDF : 52.9/51

dit_asym_at1_avg_rms vs Slug



Right In: 1935.451+/-0.406 χ^2/NDF : 950119.4/24

Left Out: 1851.066+/-0.306 χ^2/NDF : 26251.6/24

Right Out: 1928.684+/-0.364 χ^2/NDF : 661932.8/28

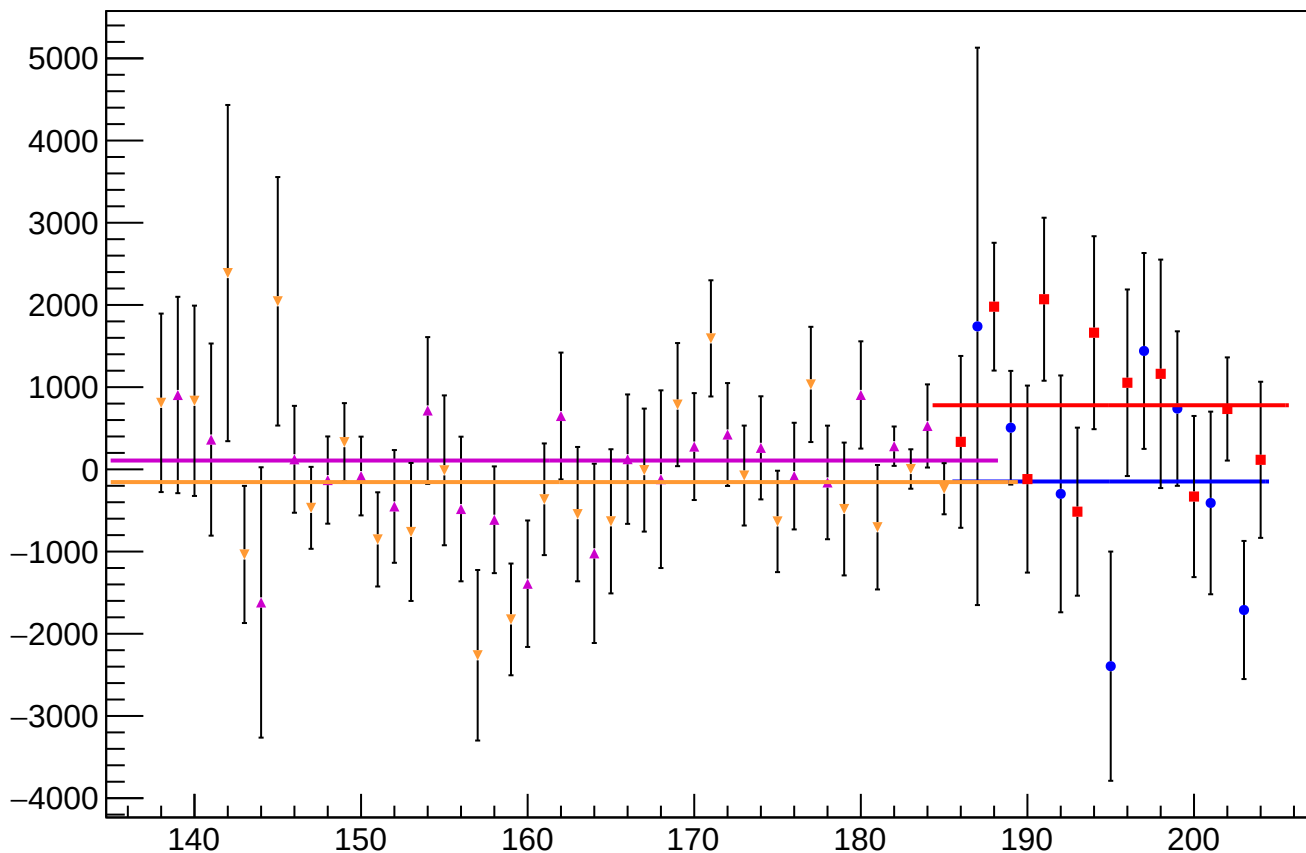
Left In: 1845.411+/-0.312 χ^2/NDF : 8318.8/22

+ sign 1881.637+/-0.245 χ^2/NDF : 1003858.8/49

All: 1881.109+/-0.170 χ^2/NDF : 1704264.7/100

- sign 1880.613+/-0.237 χ^2/NDF : 700396.8/51

asym_at1_avg_correction_mean vs Slug



Right In: -147.587 ± 371.681 χ^2/NDF : 10.0/7

Left Out: -154.845 ± 119.654 χ^2/NDF : 33.0/24

Right Out: 779.878 ± 288.366 χ^2/NDF : 9.0/10

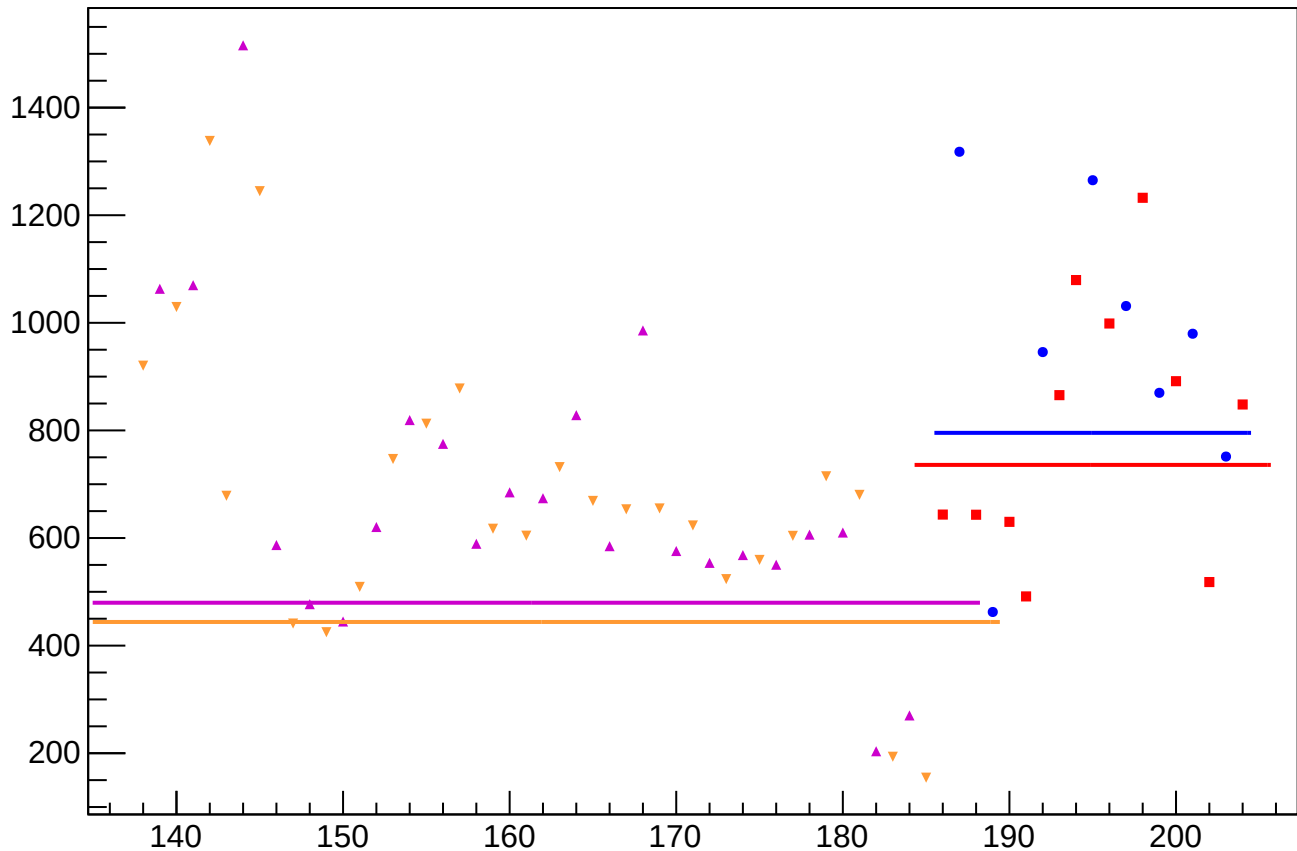
Left In: 107.387 ± 127.580 χ^2/NDF : 13.5/22

+ sign -154.164 ± 113.897 χ^2/NDF : 43.0/32

All: 27.184 ± 81.501 χ^2/NDF : 75.2/66

- sign 217.472 ± 116.671 χ^2/NDF : 27.0/33

asym_at1_avg_correction_rms vs Slug



Right In: 795.485+/-0.263 χ^2/NDF : 911205.8/7

Left Out: 443.961+/-0.085 χ^2/NDF : 8573133.3/24

Right Out: 735.914+/-0.204 χ^2/NDF : 1068111.5/10

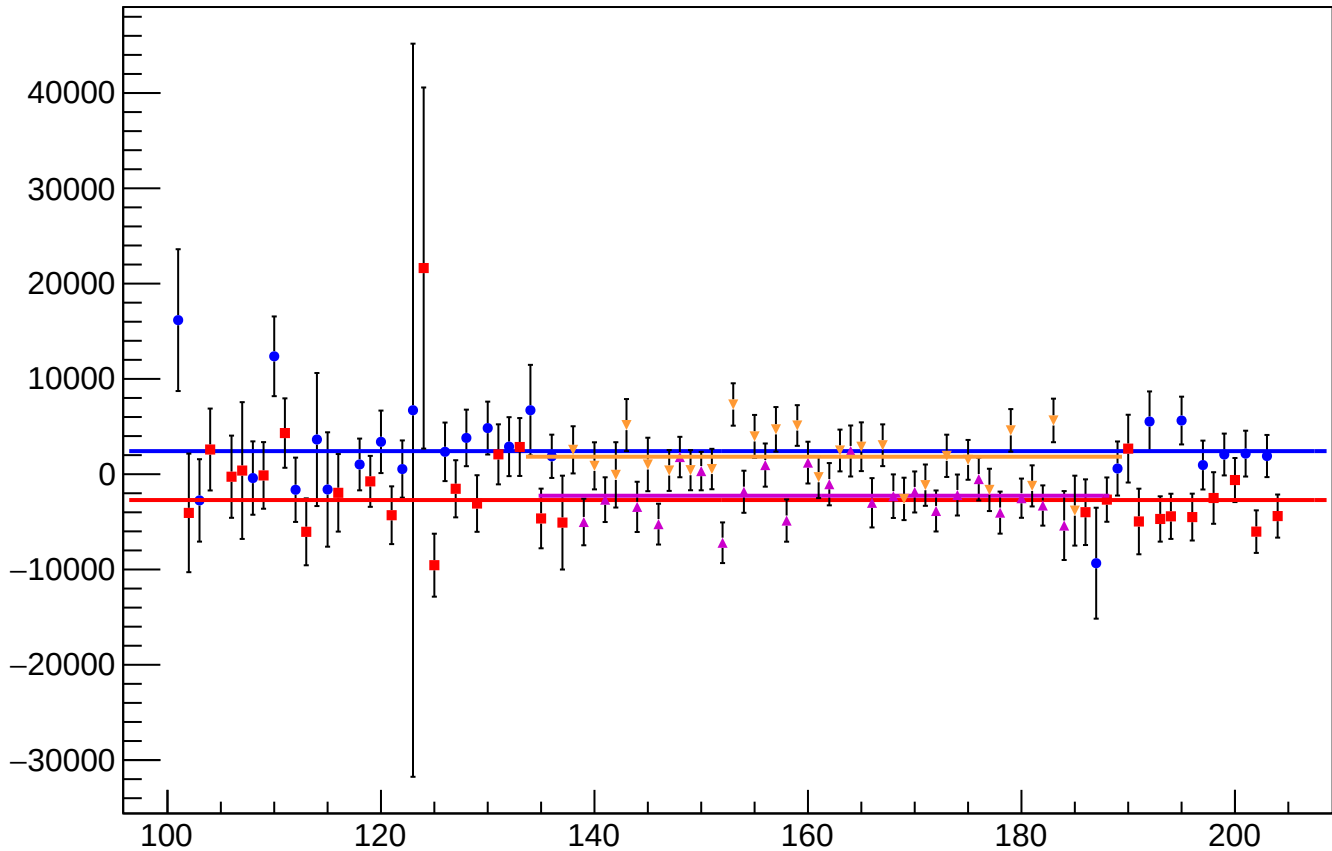
Left In: 479.723+/-0.090 χ^2/NDF : 6734597.7/22

+ sign 476.971+/-0.081 χ^2/NDF : 11105296.5/32

All: 498.778+/-0.058 χ^2/NDF : 20378431.0/60

- sign 521.660+/-0.082 χ^2/NDF : 9122889.4/33

asym_at1_avg_mean vs Slug



Right In: 2421.582 $\pm$ 630.611 χ^2 /NDF: 23.1/24

Left Out: 1834.720 $\pm$ 463.777 χ^2 /NDF:32.8/24

Right Out: -2712.574 $\pm$ 573.097 χ^2 /NDF: 28.7/28

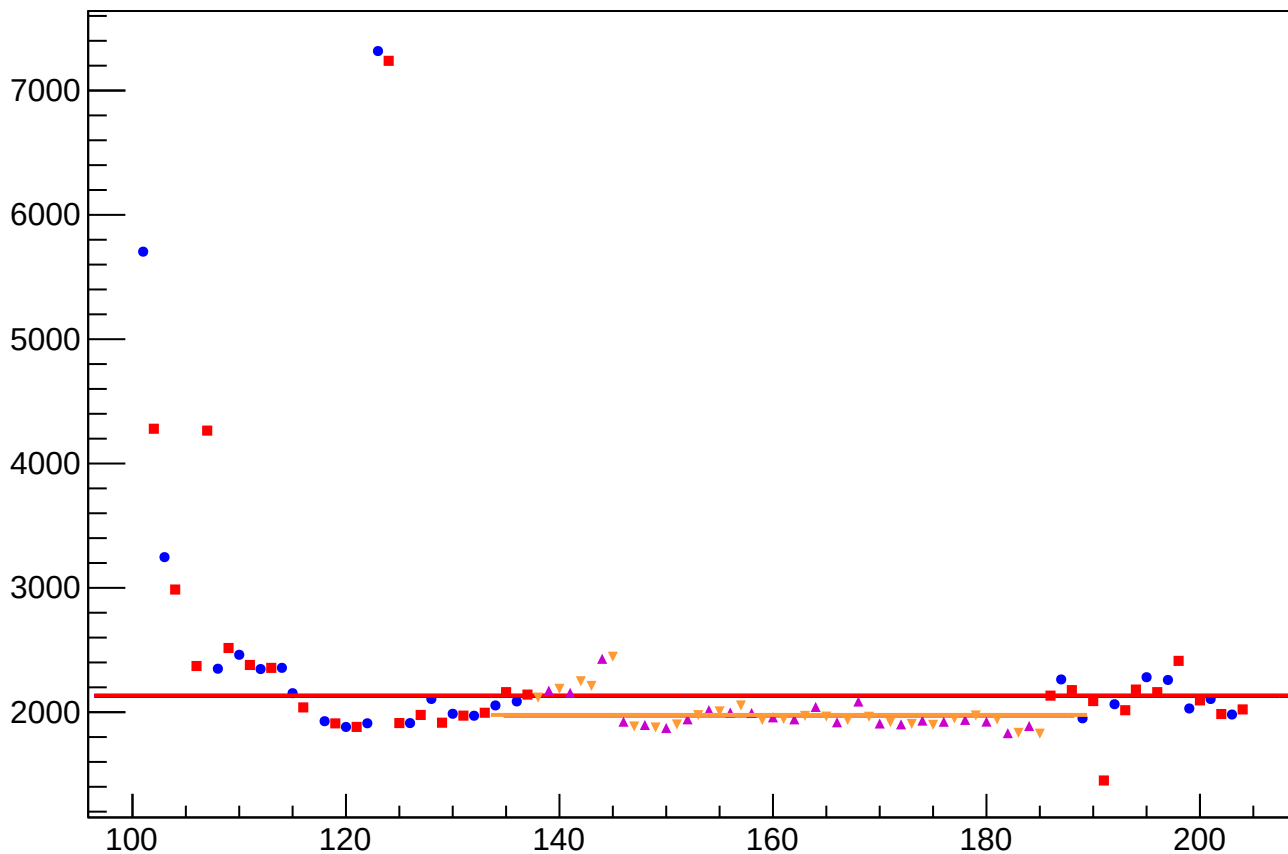
Left In: -2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

+ sign 2040.718 $\pm$ 373.616 χ^2 /NDF: 56.5/49

All: -256.668 $\pm$ 260.899 χ^2 /NDF: 185.6/101

- sign -2443.169 $\pm$ 364.488 χ^2 /NDF: 55.4/51

asym_at1_avg_rms vs Slug



Right In: 2130.761 $\pm$ 0.446 χ^2 /NDF: 751702.5/24

Left Out: 1978.045 $\pm$ 0.328 χ^2 /NDF: 137699.3/24

Right Out: 2134.199 $\pm$ 0.405 χ^2 /NDF: 870695.6/28

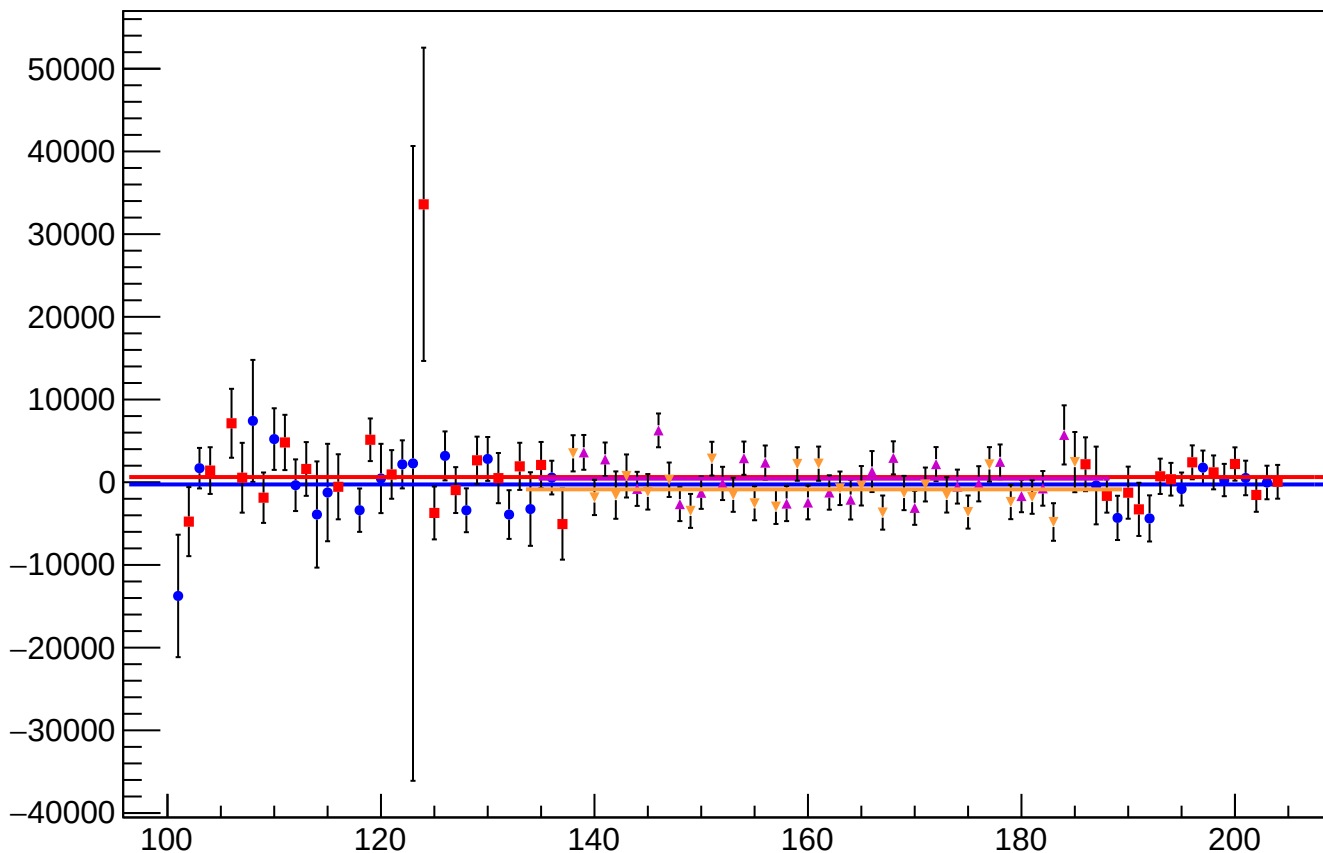
Left In: 1973.216 $\pm$ 0.334 χ^2 /NDF: 120479.3/22

+ sign 2031.651 $\pm$ 0.264 χ^2 /NDF: 965524.1/49

All: 2035.074 $\pm$ 0.184 χ^2 /NDF: 2051003.3/10

- sign 2038.333 $\pm$ 0.258 χ^2 /NDF: 1085151.4/51

dit_asym_at1_dd_mean vs Slug



Right In: -266.400+/-568.922 χ^2/NDF : 21.7/24

Left Out: -858.637+/-431.465 χ^2/NDF : 26.9/24

Right Out: 626.140+/-506.459 χ^2/NDF : 23.6/28

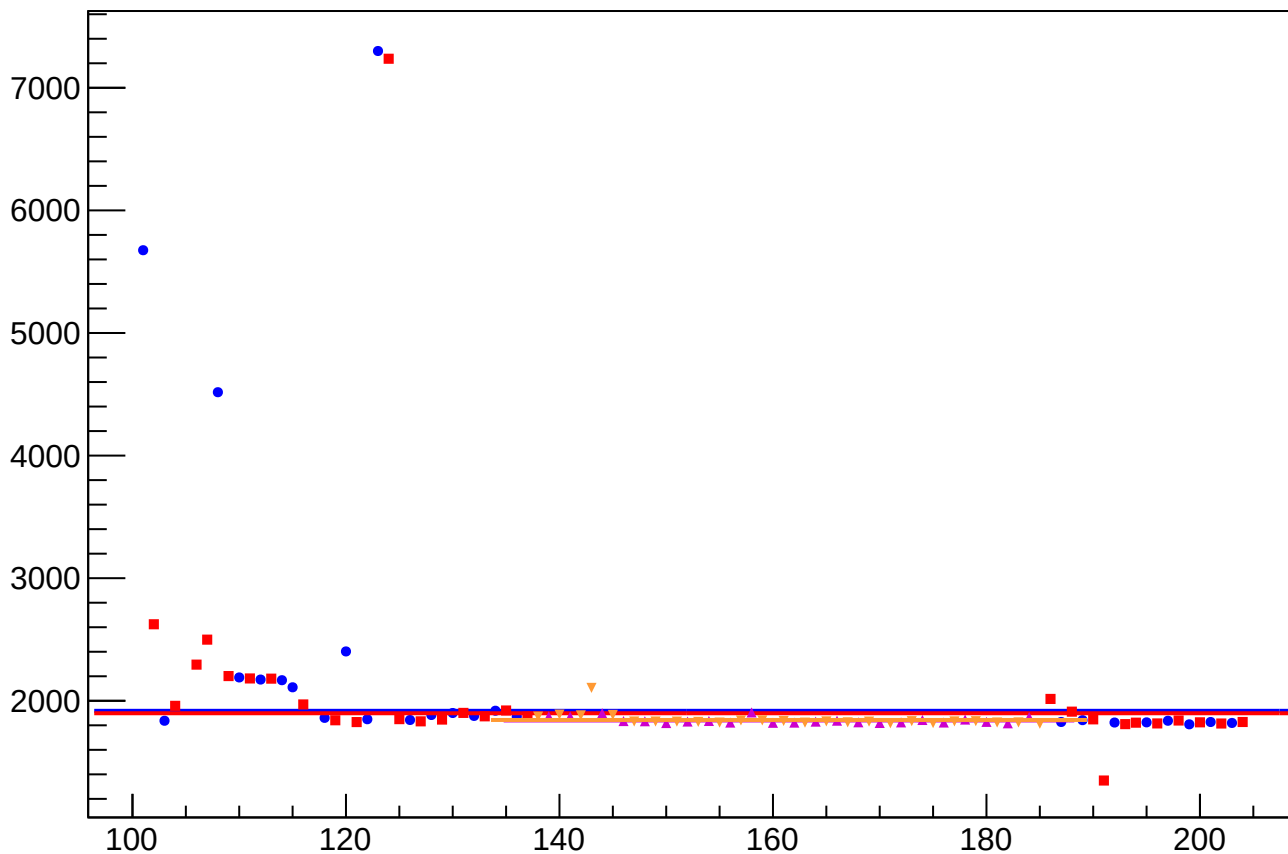
Left In: 427.682+/-439.561 χ^2/NDF : 33.7/22

+ sign -642.386+/-343.782 χ^2/NDF : 49.2/49

All: -44.525+/-238.804 χ^2/NDF : 112.4/101

- sign 512.947+/-331.967 χ^2/NDF : 57.4/51

dit_asym_at1_dd_rms vs Slug



Right In: 1918.206+/-0.402 χ^2/NDF : 893282.0/24

Left Out: 1843.534+/-0.305 χ^2/NDF : 24974.2/24

Right Out: 1898.386+/-0.358 χ^2/NDF : 414851.5/28

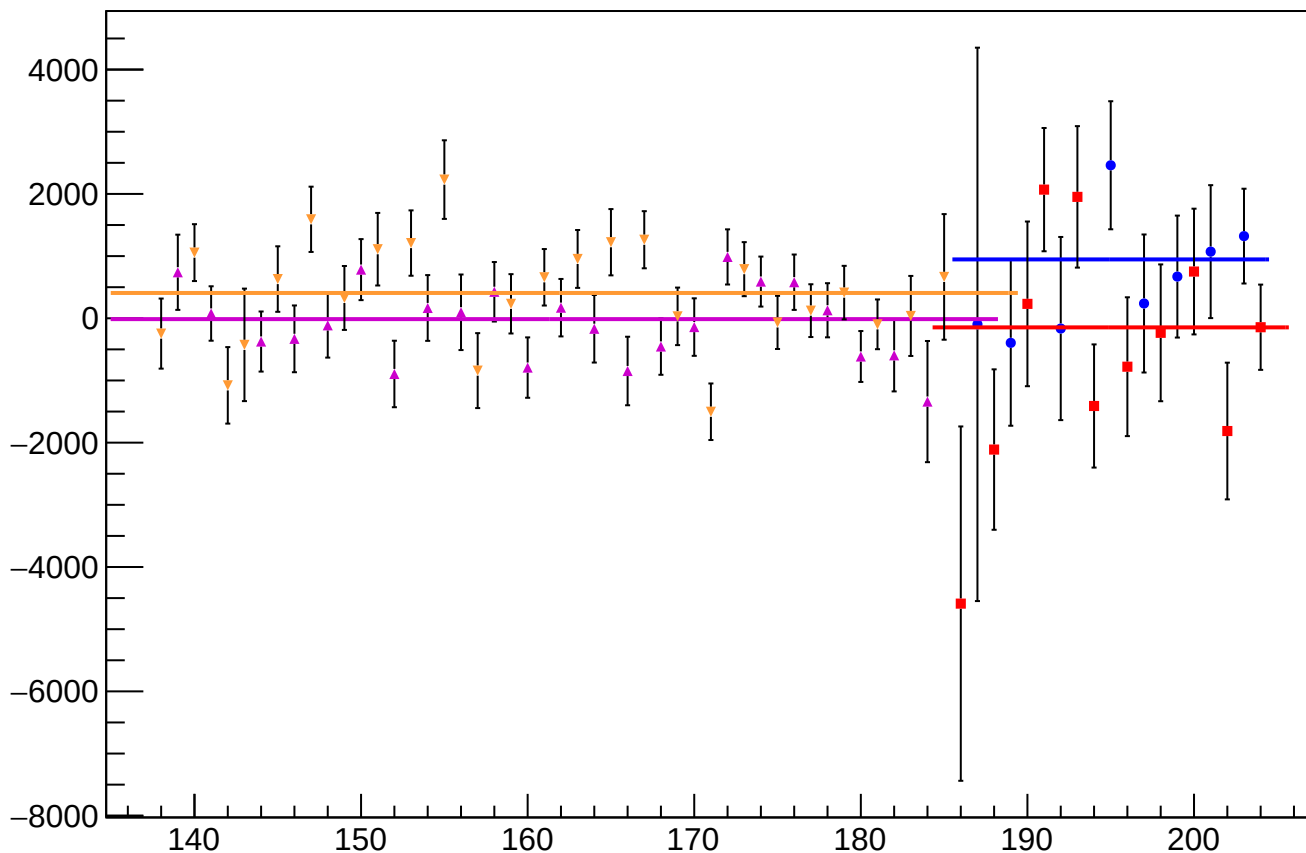
Left In: 1839.431+/-0.311 χ^2/NDF : 6418.5/22

+ sign 1870.800+/-0.243 χ^2/NDF : 940129.9/49

All: 1867.675+/-0.169 χ^2/NDF : 1377176.3/10

- sign 1864.760+/-0.235 χ^2/NDF : 436727.0/51

asym_at1_dd_correction_mean vs Slug



Right In: 946.789 ± 393.282 χ^2/NDF : 4.5/7

Left Out: 407.320 ± 101.221 χ^2/NDF : 62.1/24

Right Out: -146.212 ± 321.640 χ^2/NDF : 18.3/10

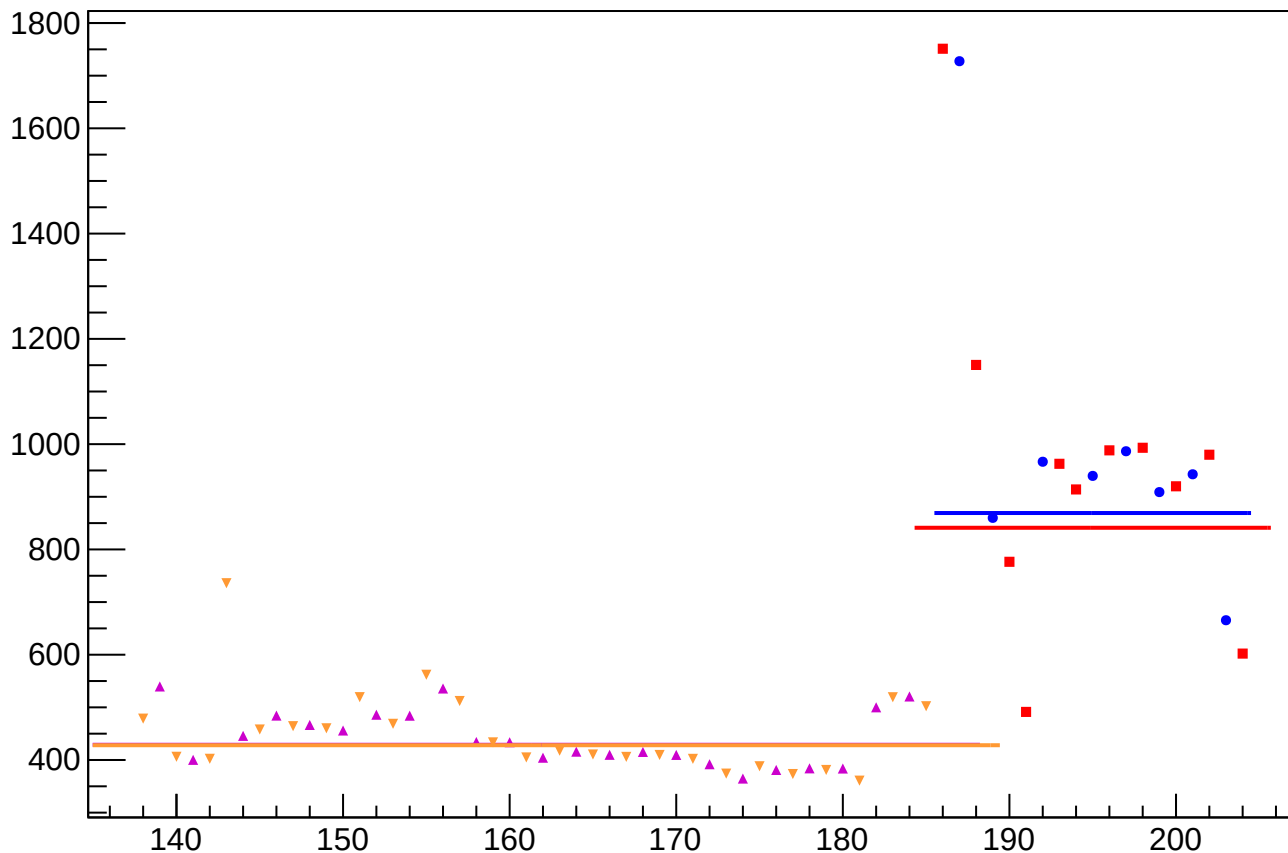
Left In: -13.395 ± 102.912 χ^2/NDF : 29.2/22

+ sign 440.836 ± 98.027 χ^2/NDF : 68.4/32

All: 207.531 ± 69.312 χ^2/NDF : 127.4/66

- sign -25.729 ± 98.017 χ^2/NDF : 47.7/33

asym_at1_dd_correction_rms vs Slug



Right In: 869.176 $\pm$ 0.278 χ^2 /NDF: 270569.8/7

Left Out: 428.052 $\pm$ 0.072 χ^2 /NDF: 704731.3/24

Right Out: 841.165 $\pm$ 0.227 χ^2 /NDF: 966519.3/10

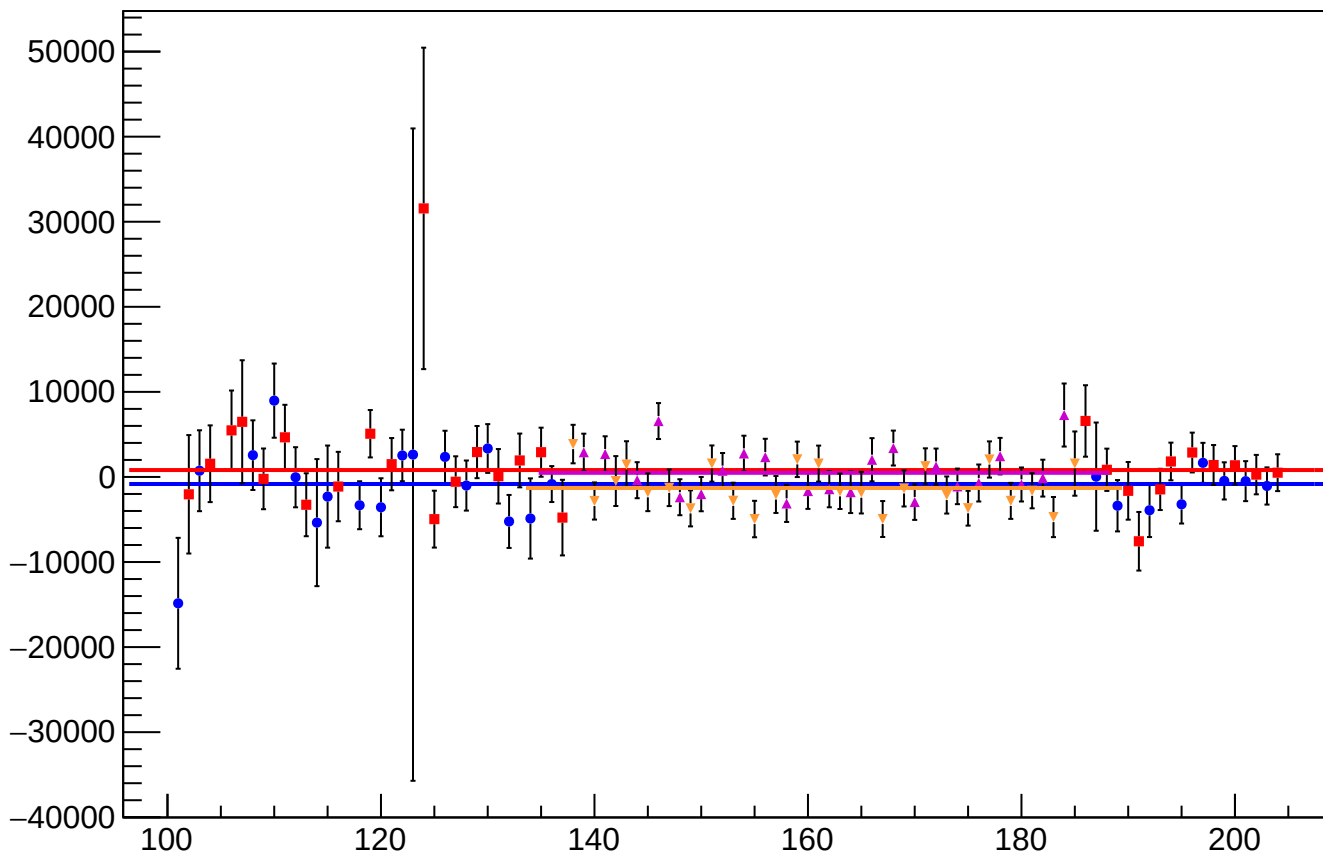
Left In: 428.926 $\pm$ 0.073 χ^2 /NDF: 418755.3/22

+ sign 455.458 $\pm$ 0.069 χ^2 /NDF: 3335168.4/32

All: 461.334 $\pm$ 0.049 χ^2 /NDF: 7715096.6/66

- sign 467.210 $\pm$ 0.069 χ^2 /NDF: 4365553.3/33

asym_at1_dd_mean vs Slug



Right In: -829.305 $\pm$ 626.515 χ^2 /NDF: 22.2/24

Left Out: -1294.152 $\pm$ 444.151 χ^2 /NDF: 29.6/24

Right Out: 811.488 $\pm$ 572.443 χ^2 /NDF: 25.7/28

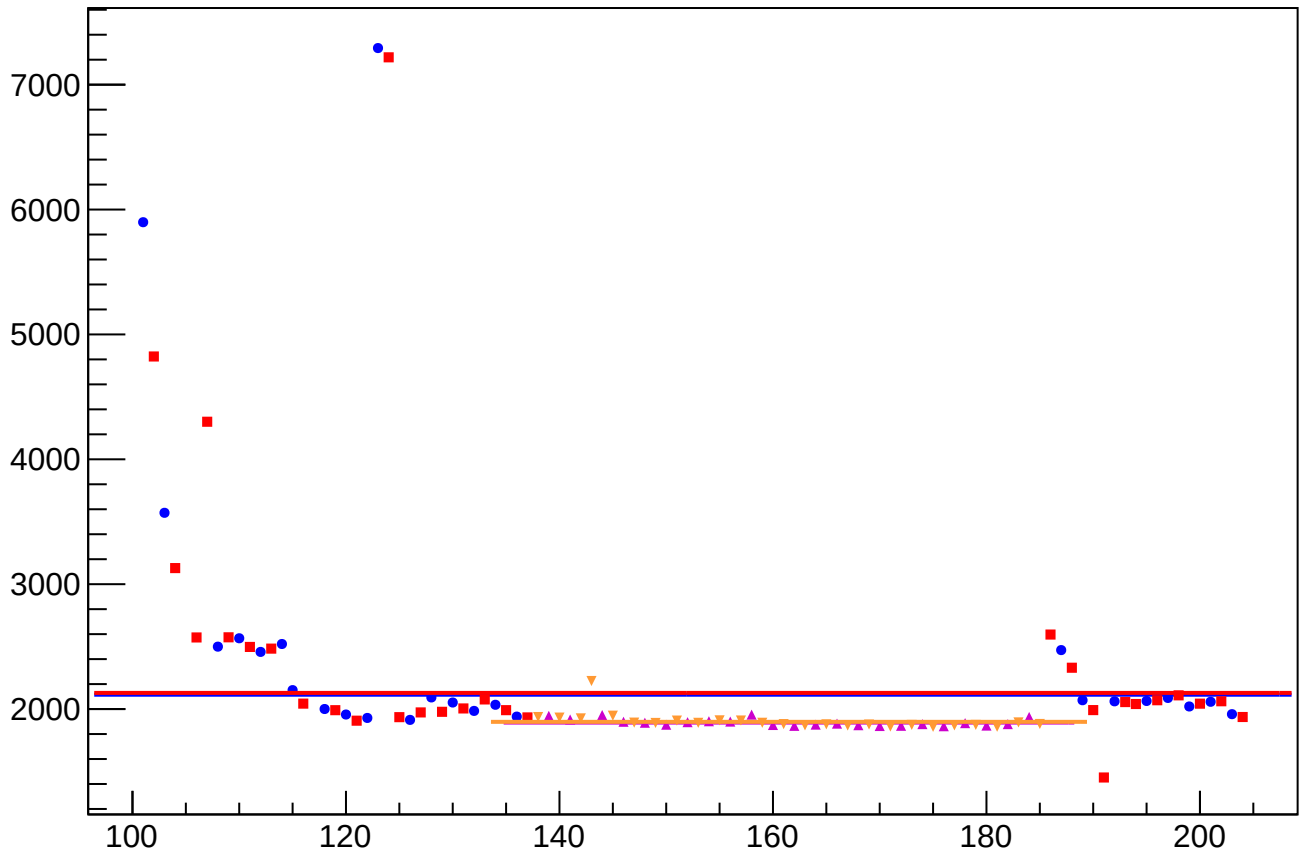
Left In: 485.827 $\pm$ 452.020 χ^2 /NDF: 32.4/22

+ sign -1138.672 $\pm$ 362.338 χ^2 /NDF: 52.2/49

All: -245.389 $\pm$ 253.488 χ^2 /NDF: 122.4/101

- sign 610.899 $\pm$ 354.755 χ^2 /NDF: 58.3/51

asym_at1_dd_rms vs Slug



Right In: 2114.893 $\pm$ 0.443 χ^2 /NDF: 838087.6/24

Left Out: 1897.670 $\pm$ 0.314 χ^2 /NDF: 35089.1/24

Right Out: 2129.379 $\pm$ 0.405 χ^2 /NDF: 999949.8/28

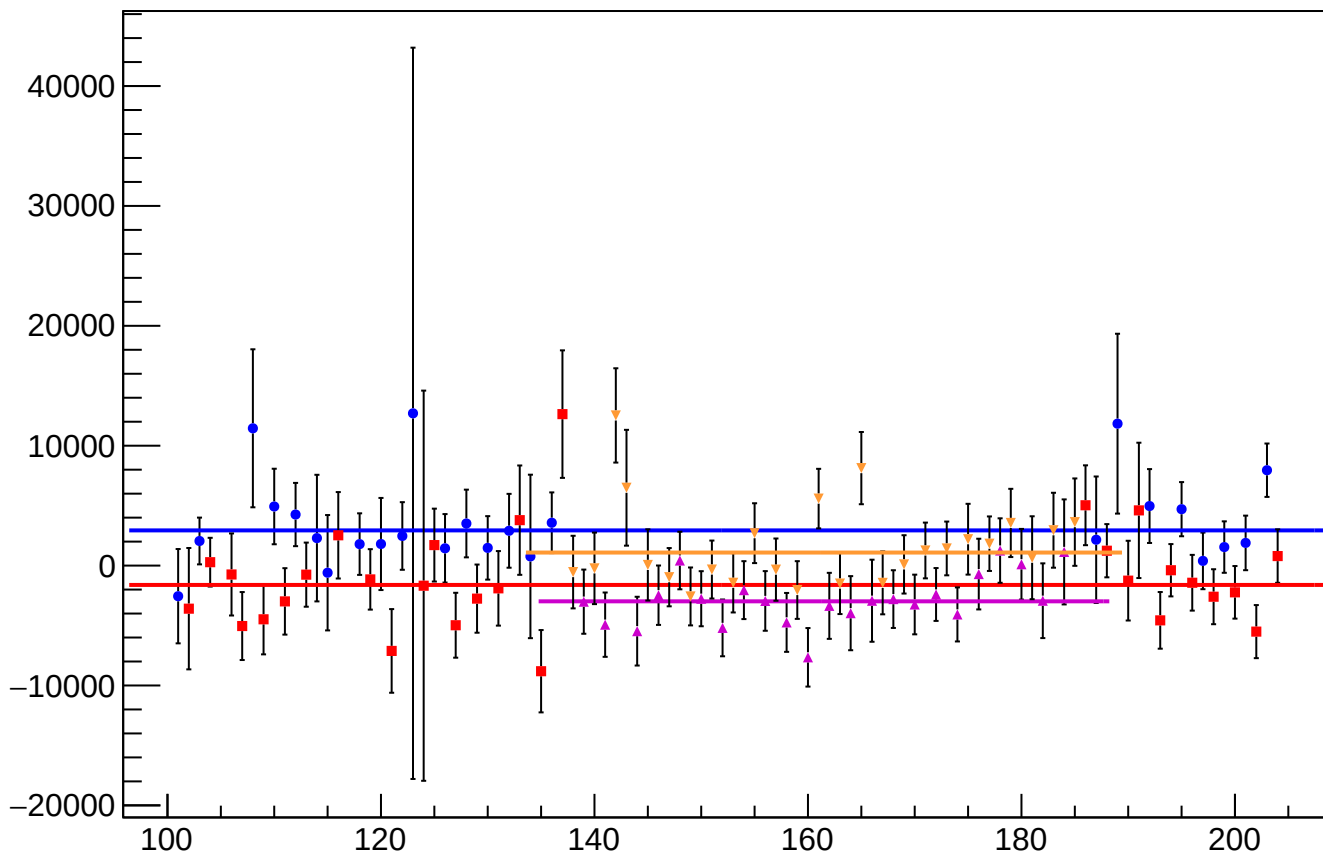
Left In: 1891.722 $\pm$ 0.320 χ^2 /NDF: 7584.2/22

+ sign 1970.326 $\pm$ 0.256 χ^2 /NDF: 1033185.9/49

All: 1976.795 $\pm$ 0.179 χ^2 /NDF: 2254297.7/10

- sign 1982.996 $\pm$ 0.251 χ^2 /NDF: 1219863.2/51

dit_asym_at2_avg_mean vs Slug



Right In: 2935.619 ± 593.323 χ^2/NDF : 15.6/24

Left Out: 1087.902 ± 540.984 χ^2/NDF : 29.9/24

Right Out: -1613.347 ± 524.814 χ^2/NDF : 36.9/28

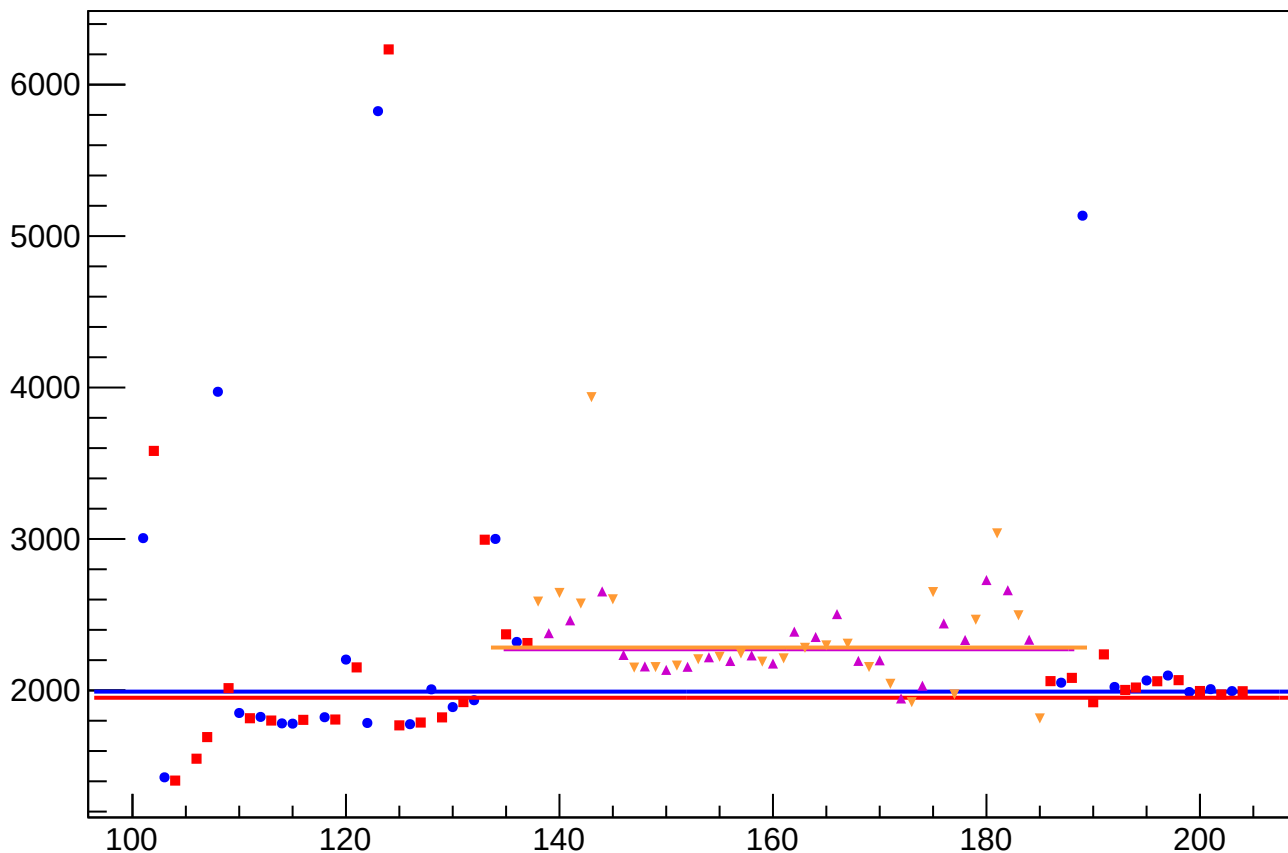
Left In: -2981.160 ± 546.107 χ^2/NDF : 14.0/22

+ sign 1926.683 ± 399.759 χ^2/NDF : 50.8/49

All: -286.779 ± 274.811 χ^2/NDF : 163.0/101

- sign -2270.068 ± 378.403 χ^2/NDF : 54.2/51

dit_asym_at2_avg_rms vs Slug



Right In: 1992.222 ± 0.420 $\chi^2/\text{NDF}: 1008036.4/24$

Left Out: 2283.204 ± 0.383 $\chi^2/\text{NDF}: 634430.6/24$

Right Out: 1951.720 ± 0.371 $\chi^2/\text{NDF}: 754857.9/28$

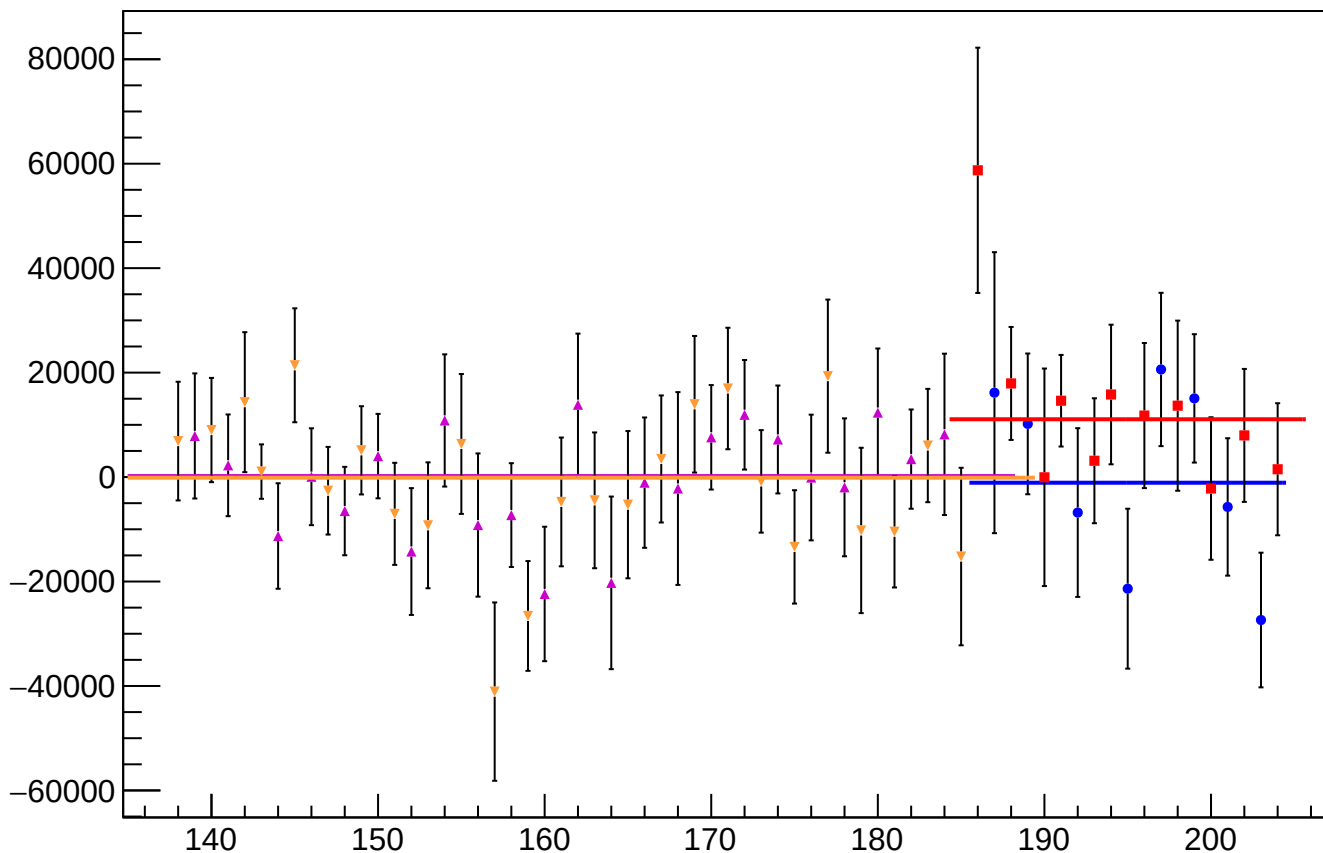
Left In: 2271.946 ± 0.386 $\chi^2/\text{NDF}: 243546.3/22$

+ sign 2151.111 ± 0.283 $\chi^2/\text{NDF}: 1905136.8/49$

All: 2127.029 ± 0.194 $\chi^2/\text{NDF}: 3274841.1/10$

- sign 2105.454 ± 0.268 $\chi^2/\text{NDF}: 1355943.7/51$

asym_at2_avg_correction_mean vs Slug



Right In: -1082.603 ± 5126.880 $\chi^2/\text{NDF}: 11.2/7$

Left Out: -124.370 ± 2141.976 $\chi^2/\text{NDF}: 29.7/24$

Right Out: 11066.610 ± 3922.194 $\chi^2/\text{NDF}: 7.1/10$

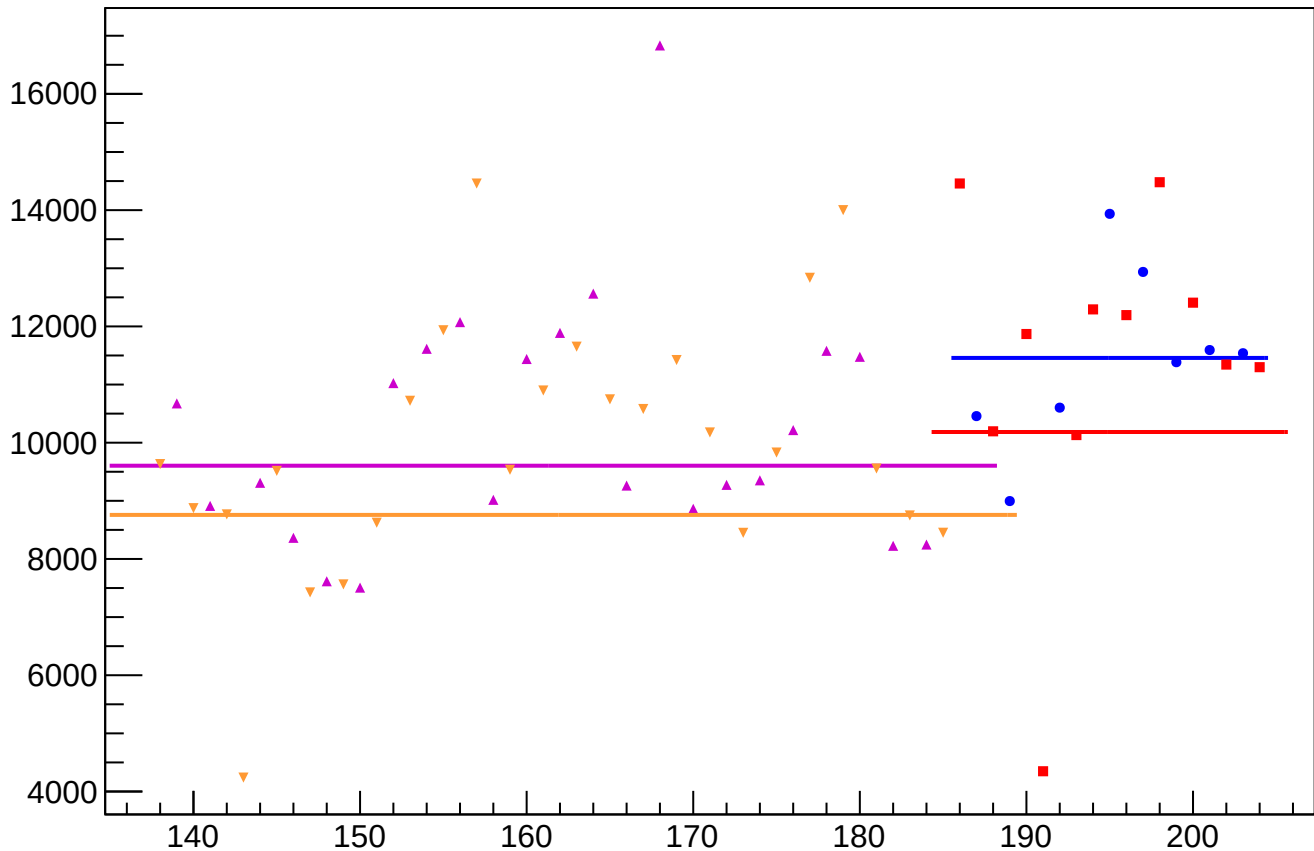
Left In: 185.013 ± 2330.398 $\chi^2/\text{NDF}: 15.0/22$

+ sign -266.774 ± 1976.417 $\chi^2/\text{NDF}: 40.9/32$

All: 1356.350 ± 1406.997 $\chi^2/\text{NDF}: 70.2/66$

- sign 3024.171 ± 2003.446 $\chi^2/\text{NDF}: 27.9/33$

asym_at2_avg_correction_rms vs Slug



Right In: 11458.045+/-3.625 χ^2/NDF : 148247.7/7

Left Out: 8757.819+/-1.515 χ^2/NDF : 2779104.9/24

Right Out: 10183.874+/-2.773 χ^2/NDF : 1281179.1/10

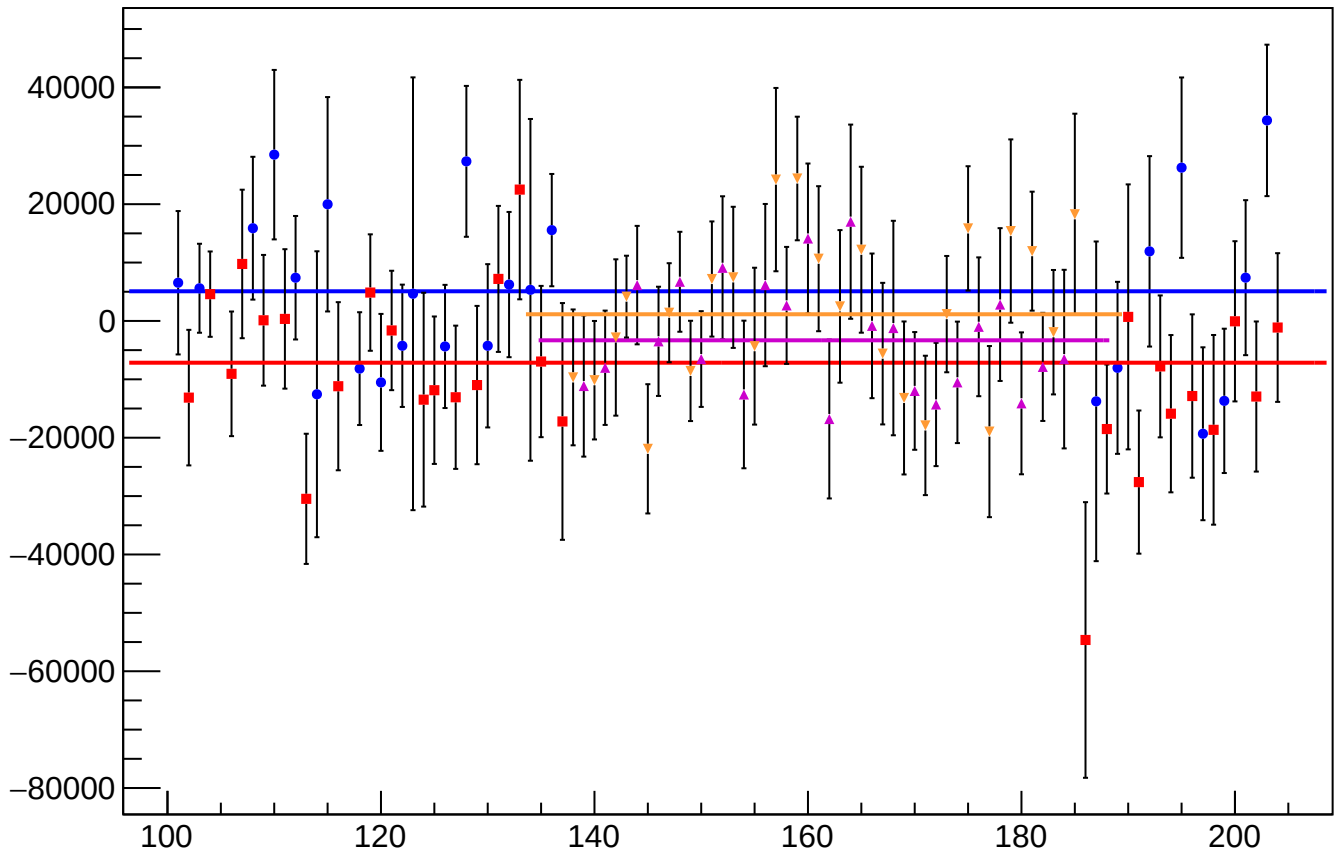
Left In: 9604.027+/-1.648 χ^2/NDF : 1095805.7/22

+ sign 9159.102+/-1.398 χ^2/NDF : 3399689.8/32

All: 9453.161+/-0.995 χ^2/NDF : 5898747.0/60

- sign 9755.317+/-1.417 χ^2/NDF : 2409291.6/33

asym_at2_avg_mean vs Slug



Right In: 5081.356+/-2566.403 χ^2/NDF : 27.9/24

Left Out: 1145.185+/-2232.341 χ^2/NDF : 27.9/24

Right Out: -7154.874+/-2326.076 χ^2/NDF : 26.1/28

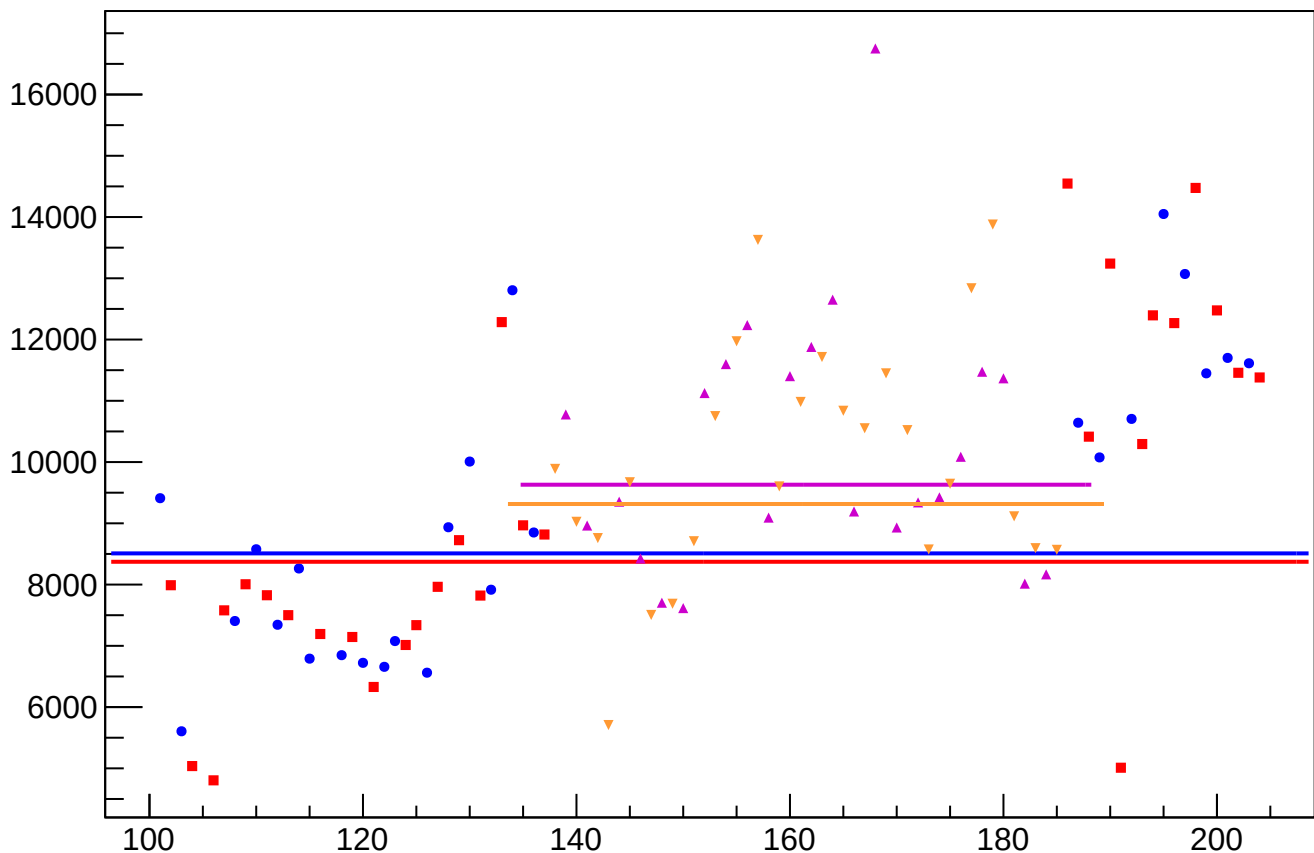
Left In: -3316.960+/-2336.196 χ^2/NDF : 13.4/22

+ sign 2840.578+/-1684.314 χ^2/NDF : 57.1/49

All: -1289.070+/-1178.069 χ^2/NDF : 109.8/10

- sign -5244.248+/-1648.350 χ^2/NDF : 40.9/51

asym_at2_avg_rms vs Slug



Right In: 8509.161+/-1.815 χ^2/NDF : 1535325.6/24

Left Out: 9315.396+/-1.579 χ^2/NDF :1503512.6/24

Right Out: 8372.293+/-1.645 χ^2/NDF : 2435658.8/28

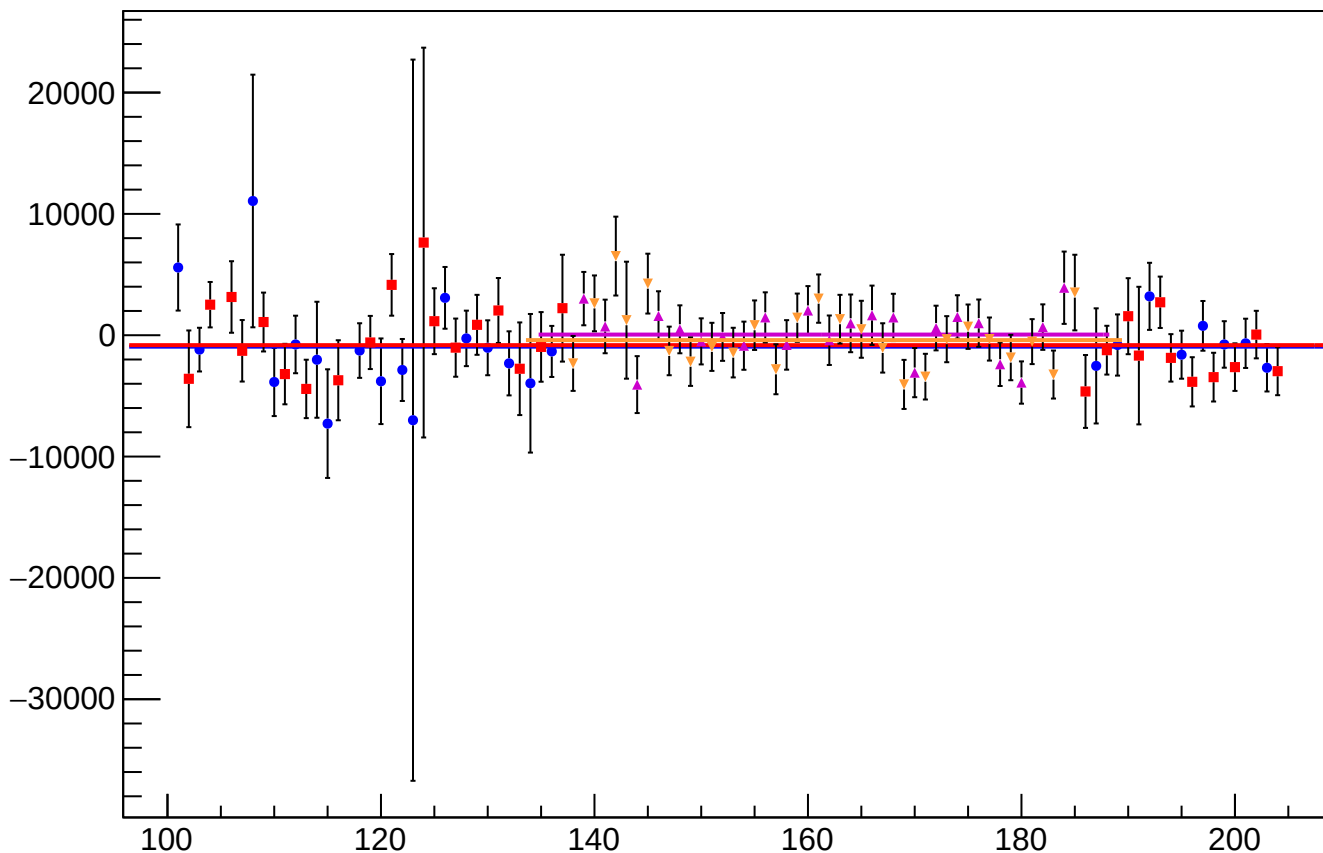
Left In: 9630.345+/-1.652 χ^2/NDF :1074643.5/22

+ sign 8968.126+/-1.191 χ^2/NDF : 3151205.2/49

All: 8983.657+/-0.833 χ^2/NDF : 6953112.8/10

- sign 8998.531+/-1.166 χ^2/NDF : 3801574.7/51

dit_asym_at2_dd_mean vs Slug



Right In: -940.582 ± 514.962 χ^2/NDF : 16.3/24

Left Out: -403.389 ± 419.243 χ^2/NDF : 28.9/24

Right Out: -818.374 ± 462.293 χ^2/NDF : 28.5/28

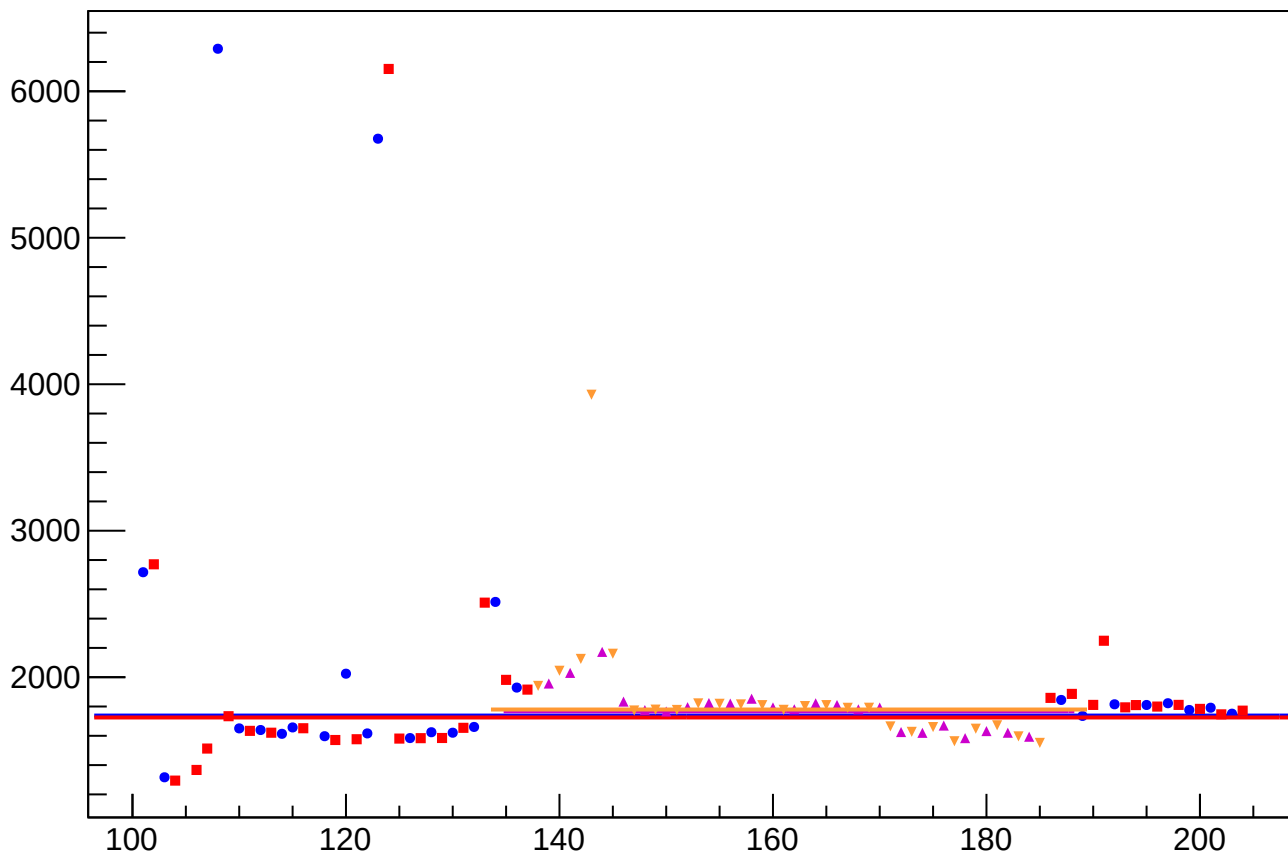
Left In: 53.539 ± 422.570 χ^2/NDF : 20.9/22

+ sign -617.517 ± 325.122 χ^2/NDF : 45.9/49

All: -474.749 ± 225.076 χ^2/NDF : 97.6/101

- sign -343.355 ± 311.901 χ^2/NDF : 51.3/51

dit_asym_at2_dd_rms vs Slug



Right In: 1738.086 $\pm$ 0.364 χ^2 /NDF: 795491.8/24

Left Out: 1779.434 $\pm$ 0.296 χ^2 /NDF: 610925.0/24

Right Out: 1725.106 $\pm$ 0.327 χ^2 /NDF: 638577.9/28

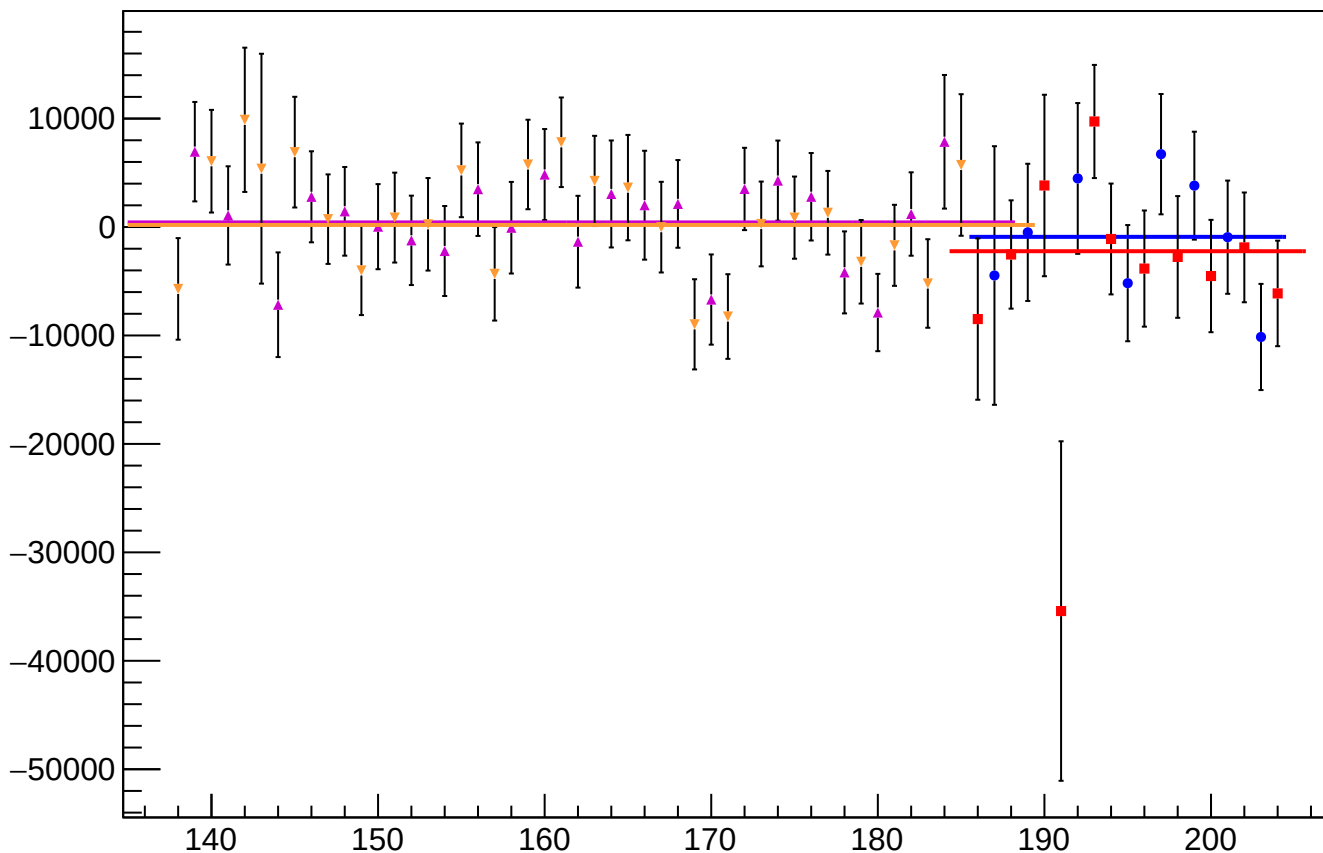
Left In: 1767.314 $\pm$ 0.299 χ^2 /NDF: 196583.8/22

+ sign 1762.953 $\pm$ 0.230 χ^2 /NDF: 1414171.2/49

All: 1755.219 $\pm$ 0.159 χ^2 /NDF: 2260589.1/100

- sign 1748.101 $\pm$ 0.221 χ^2 /NDF: 844244.5/51

asym_at2_dd_correction_mean vs Slug



Right In: -906.446+/-2046.023 χ^2/NDF : 7.7/7

Left Out: 191.104+/-869.912 χ^2/NDF :30.6/24

Right Out: -2230.084+/-1723.352 χ^2/NDF : 12.0/10

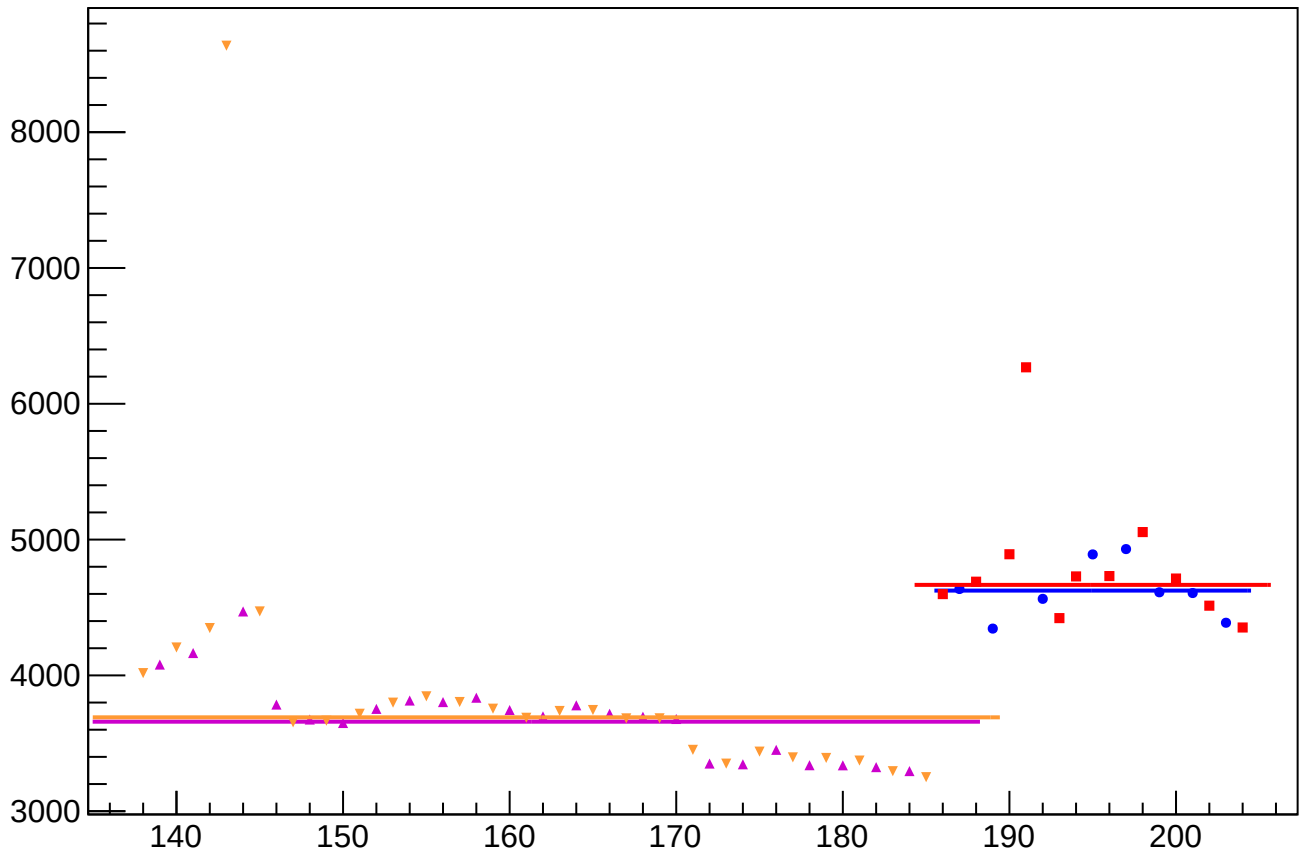
Left In: 426.004+/-874.870 χ^2/NDF :21.3/22

+ sign 23.073+/-800.557 χ^2/NDF : 38.5/32

All: -49.415+/-558.708 χ^2/NDF : 73.7/66

- sign -118.247+/-780.104 χ^2/NDF : 35.1/33

asym_at2_dd_correction_rms vs Slug



Right In: 4624.442 $\pm$ 1.447 χ^2 /NDF: 19803.5/7

Left Out: 3691.174 $\pm$ 0.615 χ^2 /NDF: 639471.7/24

Right Out: 4666.502 $\pm$ 1.219 χ^2 /NDF: 47536.1/10

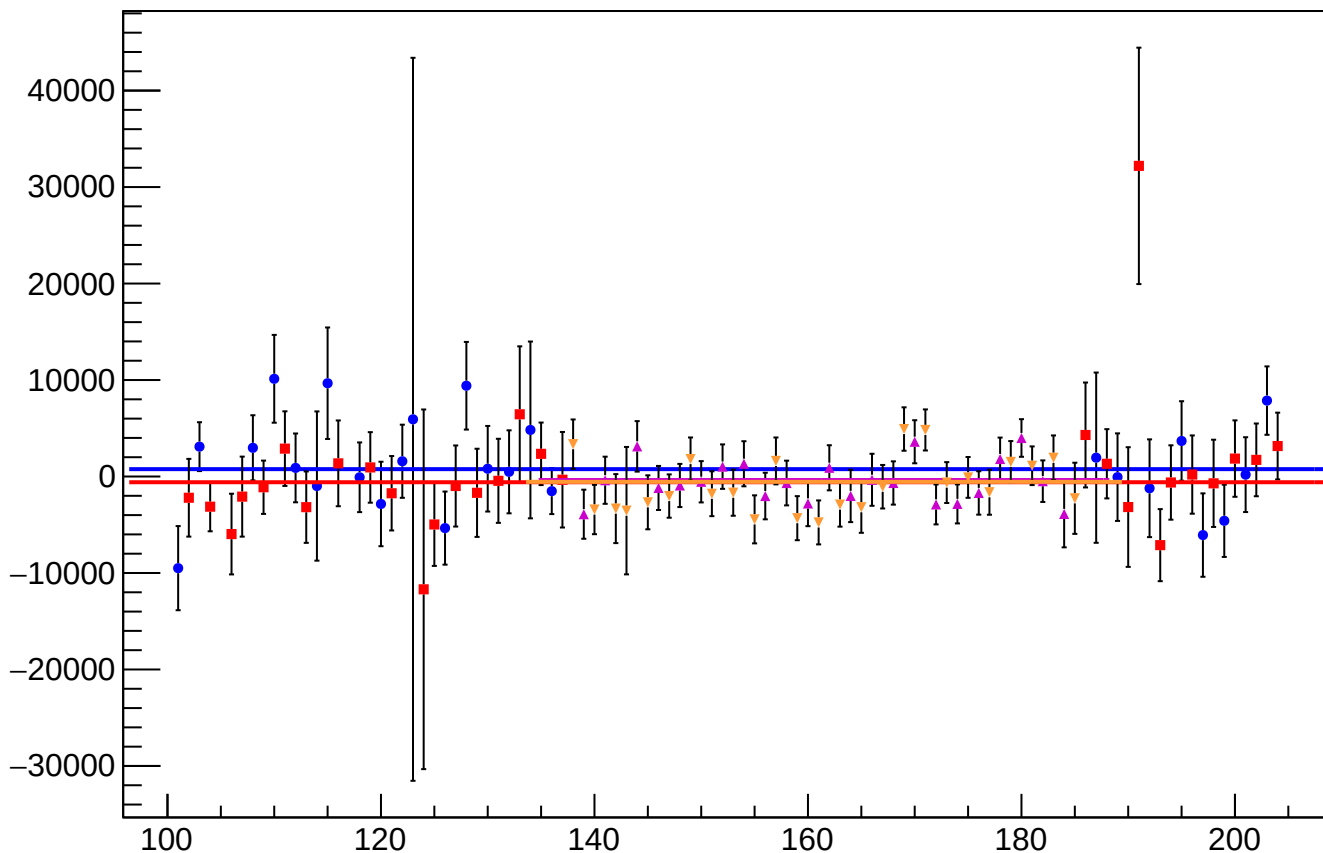
Left In: 3659.086 $\pm$ 0.619 χ^2 /NDF: 198077.1/22

+ sign 3834.054 $\pm$ 0.566 χ^2 /NDF: 1011691.9/32

All: 3850.191 $\pm$ 0.395 χ^2 /NDF: 1802289.1/60

- sign 3865.514 $\pm$ 0.552 χ^2 /NDF: 789012.9/33

asym_at2_dd_mean vs Slug



Right In: 763.970+/-813.527 χ^2/NDF : 30.9/24

Left Out: -551.411+/-481.630 χ^2/NDF : 34.0/24

Right Out: -593.738+/-750.498 χ^2/NDF : 21.5/28

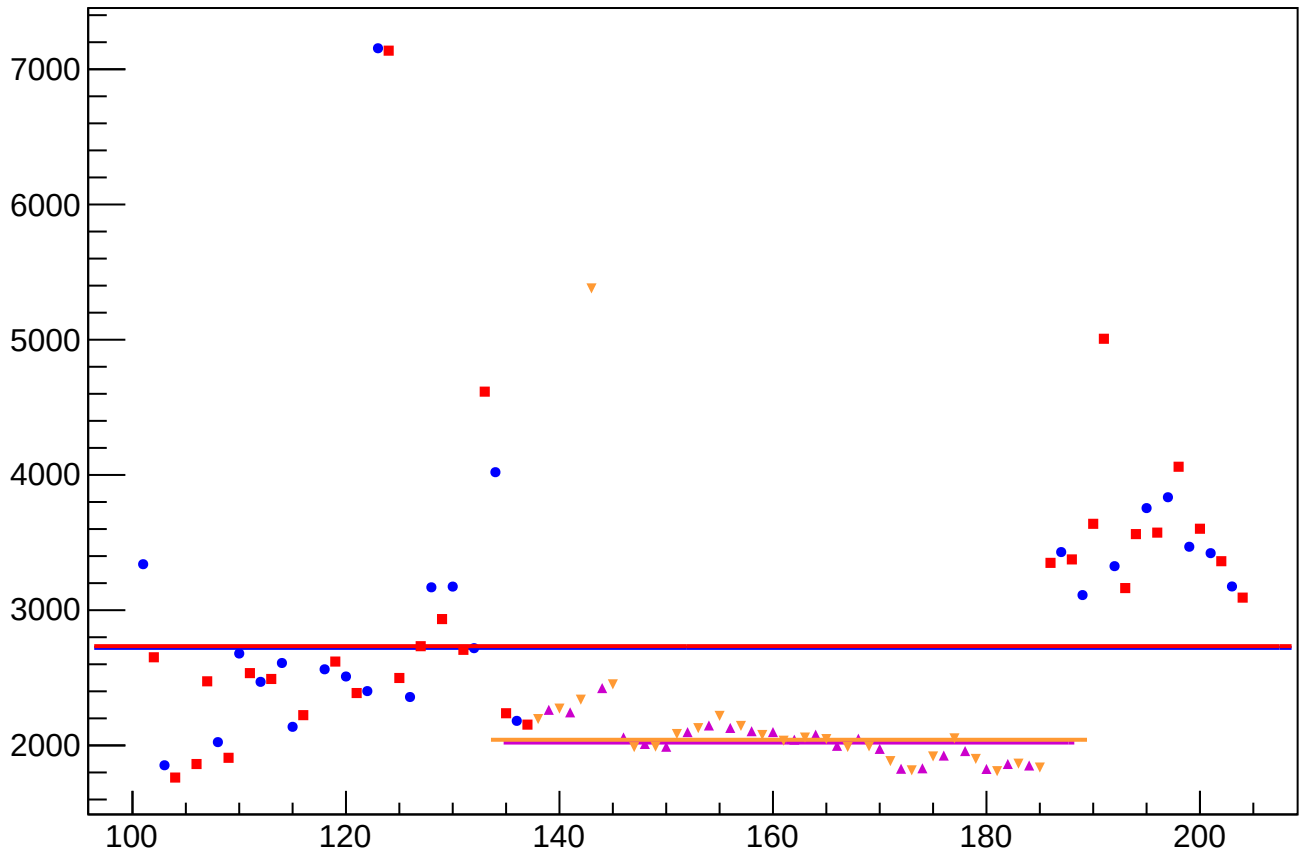
Left In: -366.243+/-483.092 χ^2/NDF : 20.5/22

+ sign -210.029+/-414.445 χ^2/NDF : 66.9/49

All: -323.695+/-290.102 χ^2/NDF : 109.1/101

- sign -432.890+/-406.212 χ^2/NDF : 42.1/51

asym_at2_dd_rms vs Slug



Right In: 2721.383+/-0.575 χ^2/NDF : 1136908.8/24

Left Out: 2041.781+/-0.341 χ^2/NDF : 706854.2/24

Right Out: 2734.120+/-0.531 χ^2/NDF : 1712713.9/28

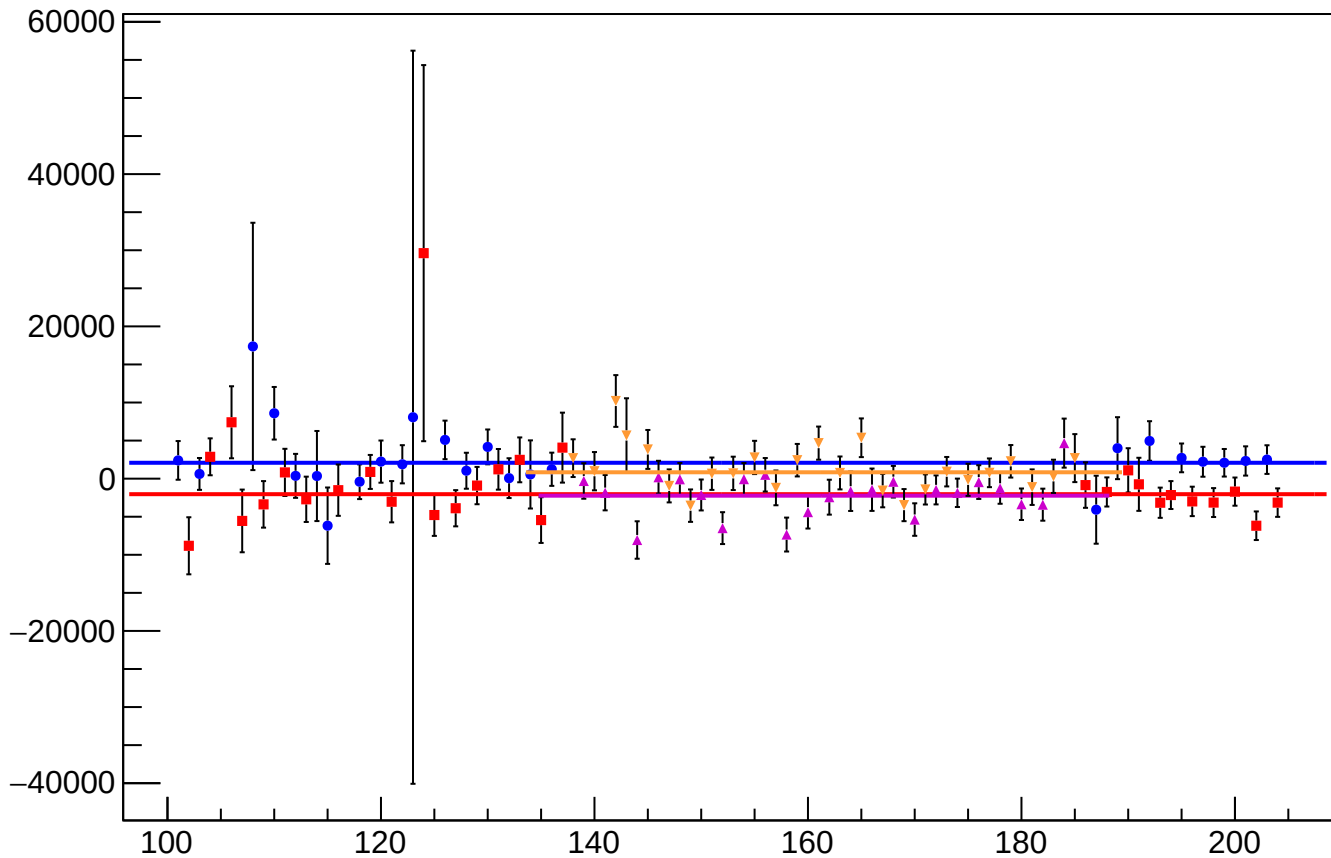
Left In: 2021.065+/-0.342 χ^2/NDF : 178726.2/22

+ sign 2218.160+/-0.293 χ^2/NDF : 2877245.5/49

All: 2224.179+/-0.205 χ^2/NDF : 6046019.6/10

- sign 2229.961+/-0.287 χ^2/NDF : 3167947.0/51

dit_asym_atl_avg_mean vs Slug



Right In: 2086.293 $\pm$ 517.790 χ^2 /NDF: 16.1/24

Left Out: 837.426 $\pm$ 454.502 χ^2 /NDF:32.3/24

Right Out: -2039.114 $\pm$ 469.832 χ^2 /NDF: 33.0/28

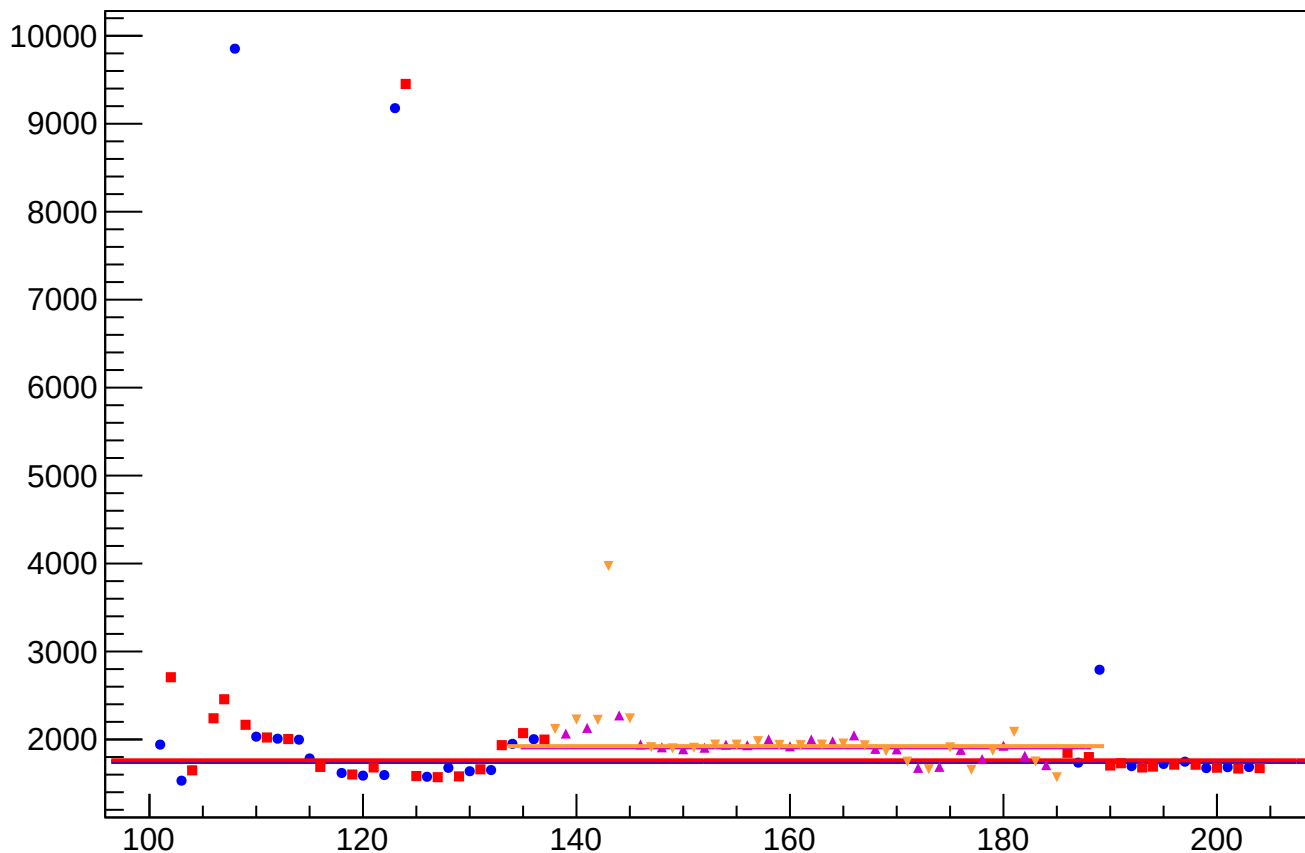
Left In: -2235.652 $\pm$ 457.720 χ^2 /NDF:31.0/22

+ sign 1380.912 $\pm$ 341.578 χ^2 /NDF: 51.8/49

All: -451.662 $\pm$ 236.531 χ^2 /NDF: 171.1/101

- sign -2139.949 $\pm$ 327.855 χ^2 /NDF: 64.1/51

dit_asym_atl_avg_rms vs Slug



Right In: 1744.753+/-0.366 χ^2/NDF : 822986.7/24

Left Out: 1924.077+/-0.321 χ^2/NDF : 583939.2/24

Right Out: 1762.851+/-0.332 χ^2/NDF : 574959.6/28

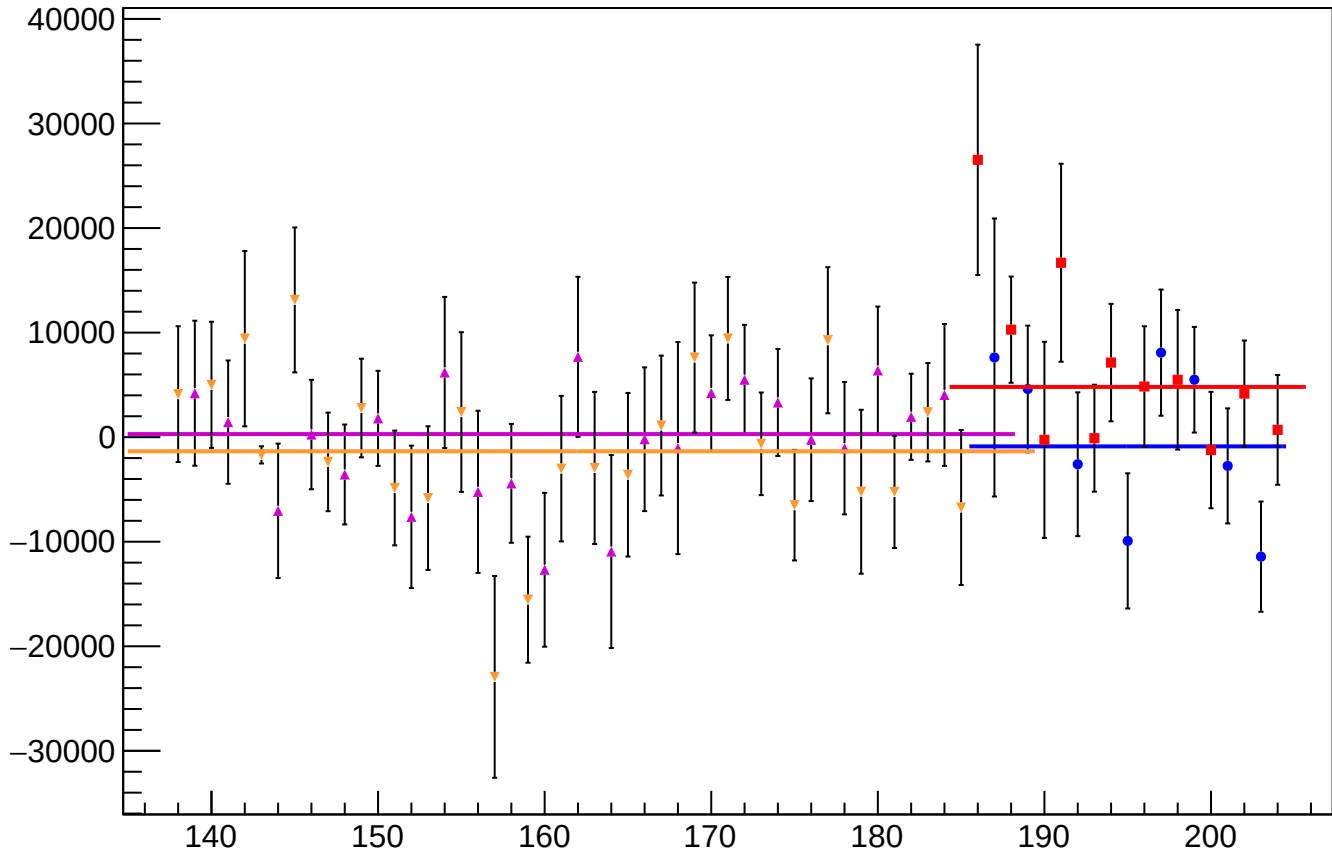
Left In: 1909.656+/-0.324 χ^2/NDF : 164475.5/22

+ sign 1846.038+/-0.242 χ^2/NDF : 1542416.7/49

All: 1841.922+/-0.167 χ^2/NDF : 2382646.3/10

- sign 1838.132+/-0.232 χ^2/NDF : 839671.8/51

asym_atl_avg_correction_mean vs Slug



Right In: -881.947 ± 2163.521 $\chi^2/\text{NDF}: 11.2/7$

Left Out: -1349.584 ± 690.658 $\chi^2/\text{NDF}: 30.9/24$

Right Out: 4807.708 ± 1827.659 $\chi^2/\text{NDF}: 9.8/10$

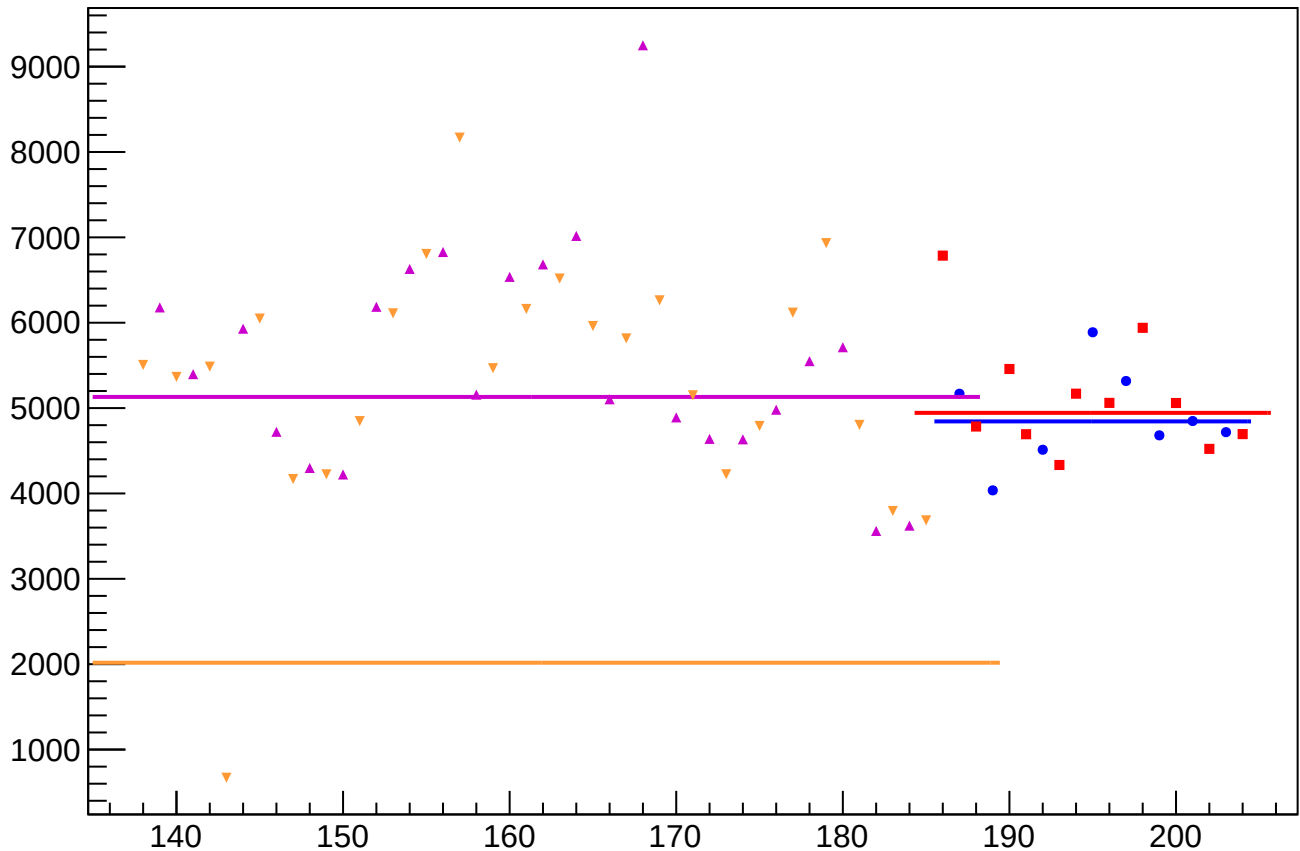
Left In: 294.047 ± 1252.274 $\chi^2/\text{NDF}: 14.5/22$

+ sign -1306.336 ± 657.947 $\chi^2/\text{NDF}: 42.1/32$

All: -428.349 ± 554.949 $\chi^2/\text{NDF}: 76.8/66$

- sign 1736.084 ± 1033.044 $\chi^2/\text{NDF}: 28.5/33$

asym_atl_avg_correction_rms vs Slug



Right In: 4844.022+/-1.530 χ^2/NDF : 109079.6/7

Left Out: 2017.245+/-0.488 χ^2/NDF : 19159743.3/24

Right Out: 4944.169+/-1.292 χ^2/NDF : 161483.6/10

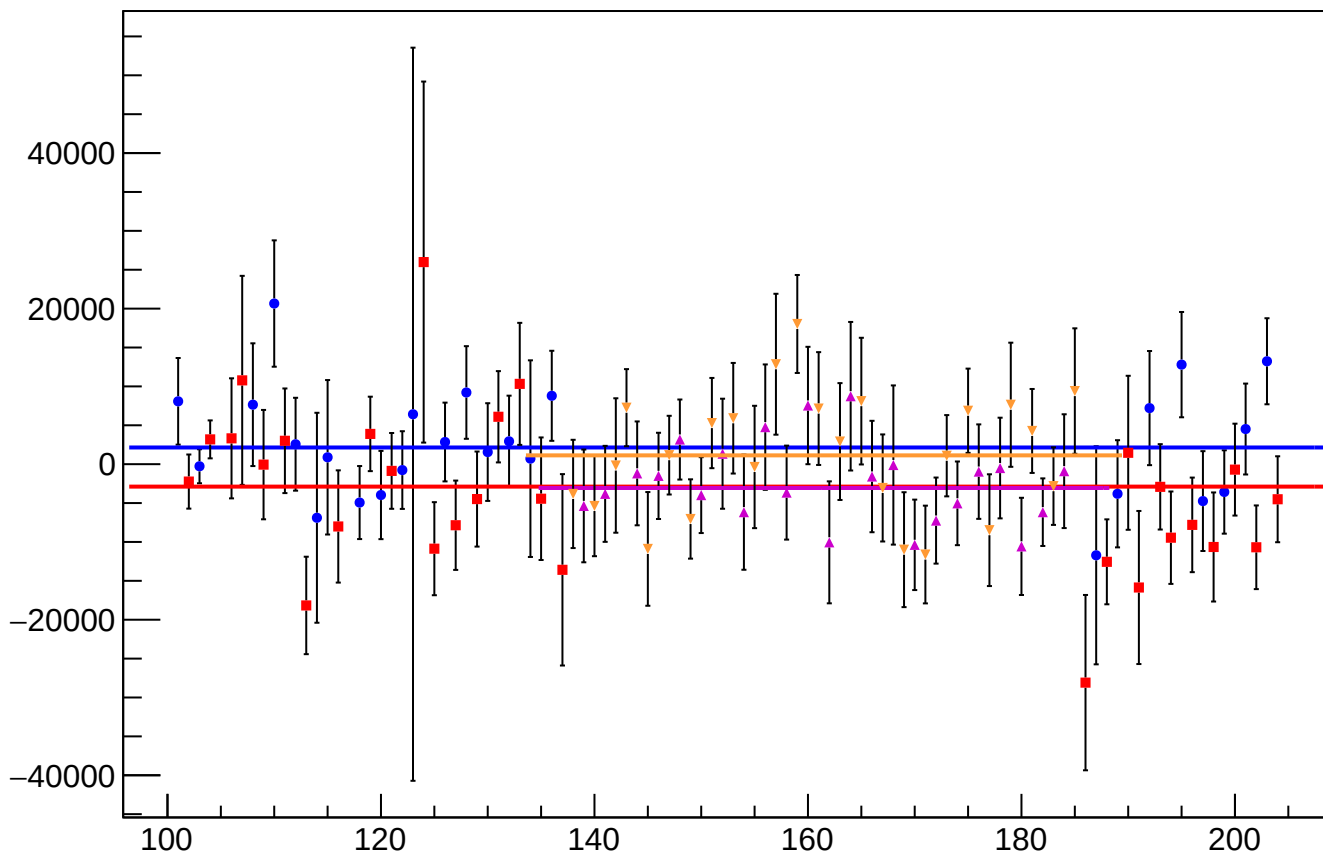
Left In: 5130.756+/-0.885 χ^2/NDF : 1489813.1/22

+ sign 2278.672+/-0.465 χ^2/NDF : 22367285.3/32

All: 3084.529+/-0.392 χ^2/NDF : 34429461.9/6

- sign 5071.145+/-0.730 χ^2/NDF : 1665482.2/33

asym_atl_avg_mean vs Slug



Right In: 2145.960+/-1133.652 χ^2/NDF : 26.2/24

Left Out: 1132.501+/-1280.211 χ^2/NDF :32.5/24

Right Out: -2885.049+/-1073.779 χ^2/NDF : 43.1/28

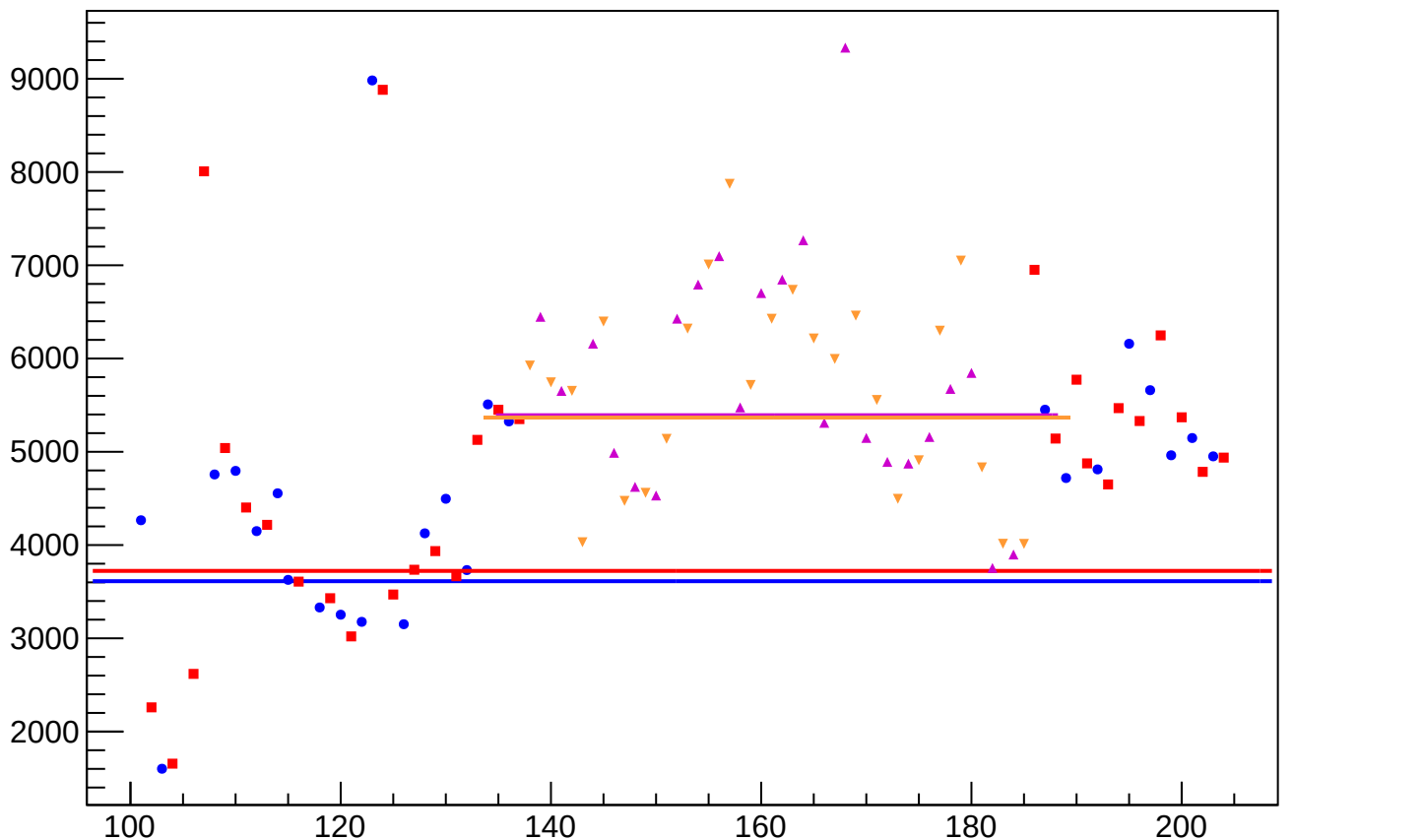
Left In: -3061.439+/-1313.197 χ^2/NDF :12.3/22

+ sign 1700.537+/-848.721 χ^2/NDF : 59.0/49

All: -675.977+/-593.867 χ^2/NDF : 129.8/101

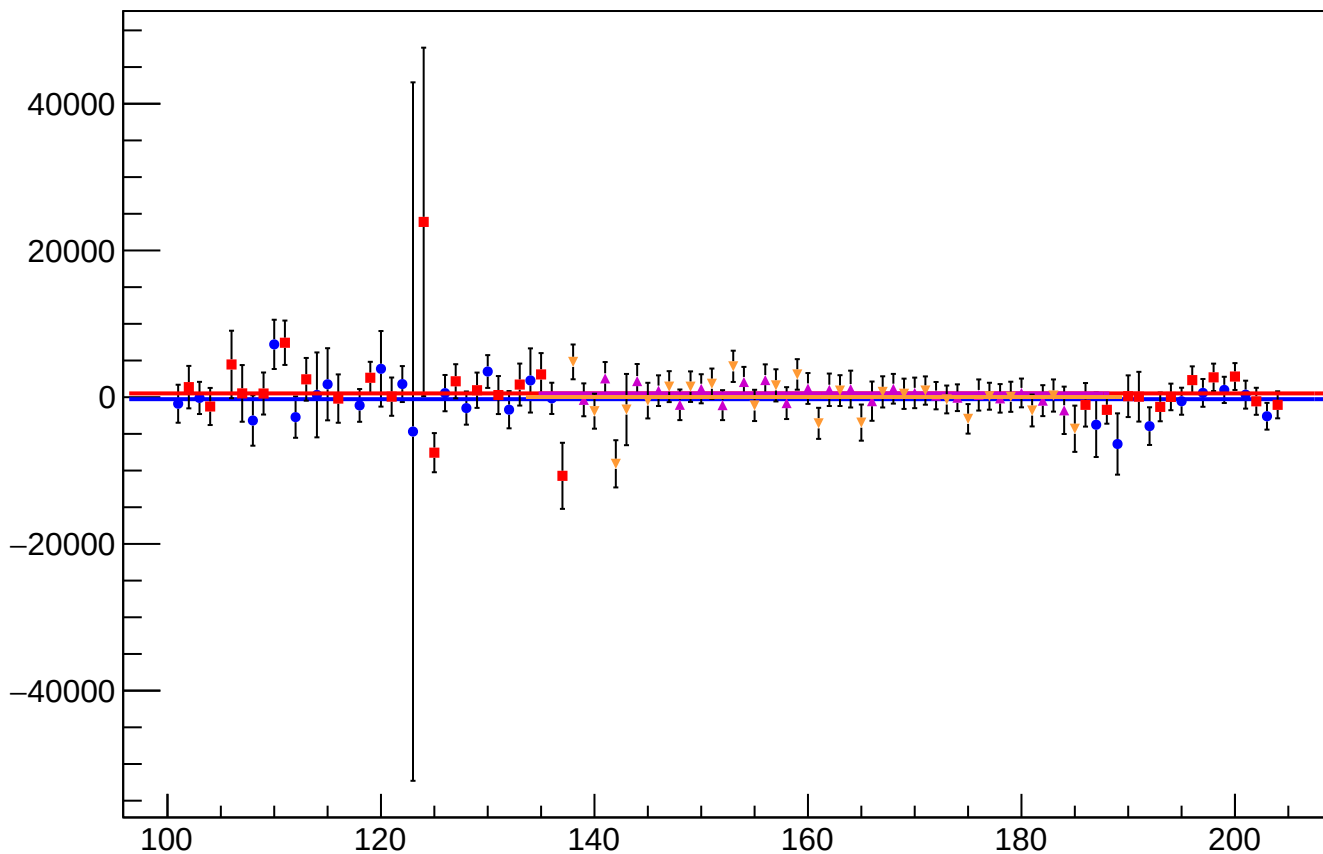
- sign -2955.728+/-831.263 χ^2/NDF : 55.4/51

asym_atl_avg_rms vs Slug



Right In: 3612.587 $\pm$ 0.802	χ^2 /NDF: 3183287.3/24	+ sign 4383.637 $\pm$ 0.600	χ^2 /NDF: 6501934.6/49
Left Out: 5366.944 $\pm$ 0.905	χ^2 /NDF: 1213541.3/24	All: 4383.587 $\pm$ 0.419	χ^2 /NDF: 13675000.9/1
Right Out: 3722.911 $\pm$ 0.752	χ^2 /NDF: 3900561.5/28	- sign 4383.539 $\pm$ 0.584	χ^2 /NDF: 7173066.3/51
Left In: 5391.987 $\pm$ 0.929	χ^2 /NDF: 1320415.5/22		

dit_asym_atl_dd_mean vs Slug



Right In: -270.233+/-510.131 χ^2 /NDF: 19.3/24

Left Out: 23.375+/-440.724 χ^2 /NDF:31.7/24

Right Out: 515.701+/-458.519 χ^2 /NDF: 33.5/28

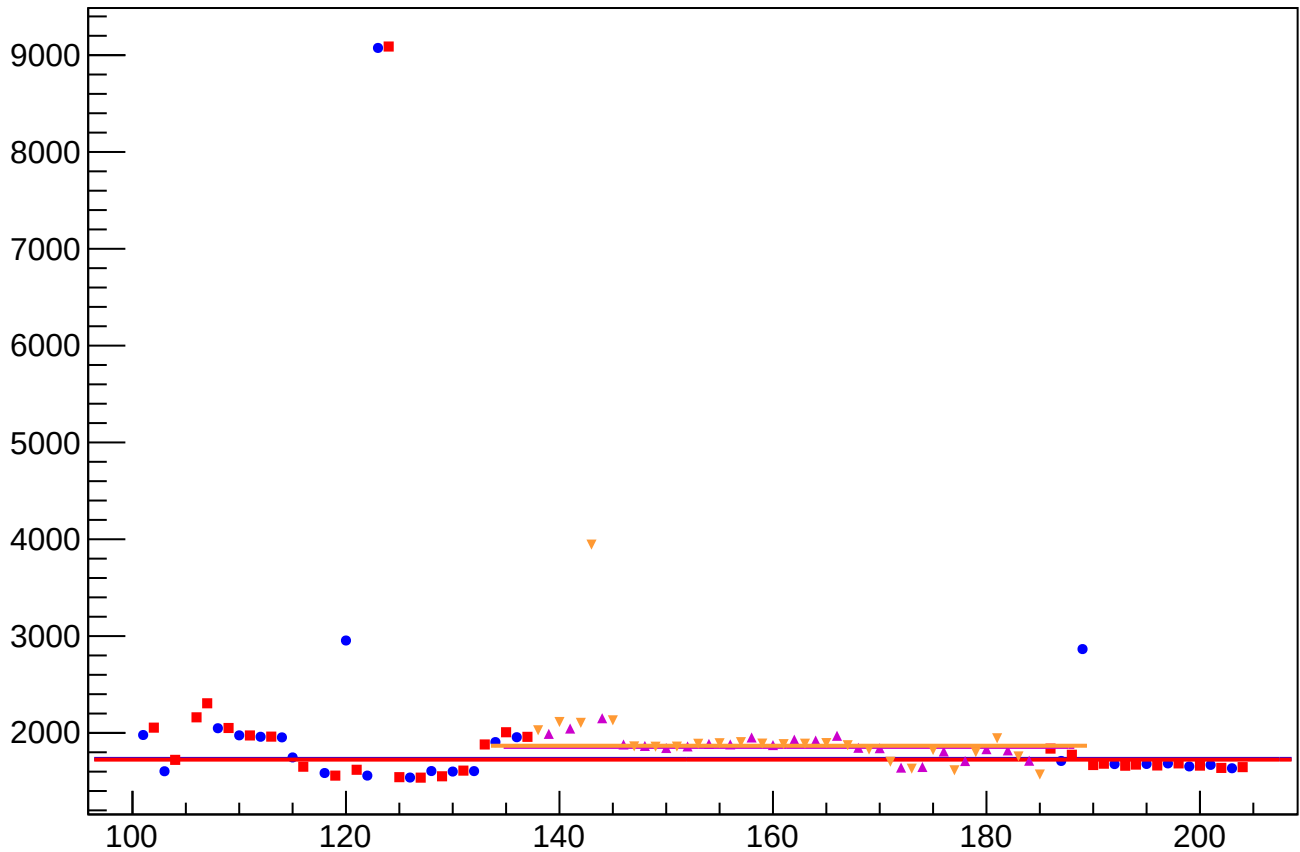
Left In: 514.693+/-444.402 χ^2 /NDF:5.9/22

+ sign -102.111+/-333.500 χ^2 /NDF: 51.2/49

All: 220.136+/-230.566 χ^2 /NDF: 92.4/101

- sign 515.181+/-319.114 χ^2 /NDF: 39.4/51

dit_asym_atl_dd_rms vs Slug



Right In: 1731.592+/-0.361 χ^2/NDF : 465256.1/24

Left Out: 1867.539+/-0.312 χ^2/NDF : 545343.0/24

Right Out: 1724.146+/-0.324 χ^2/NDF : 441671.0/28

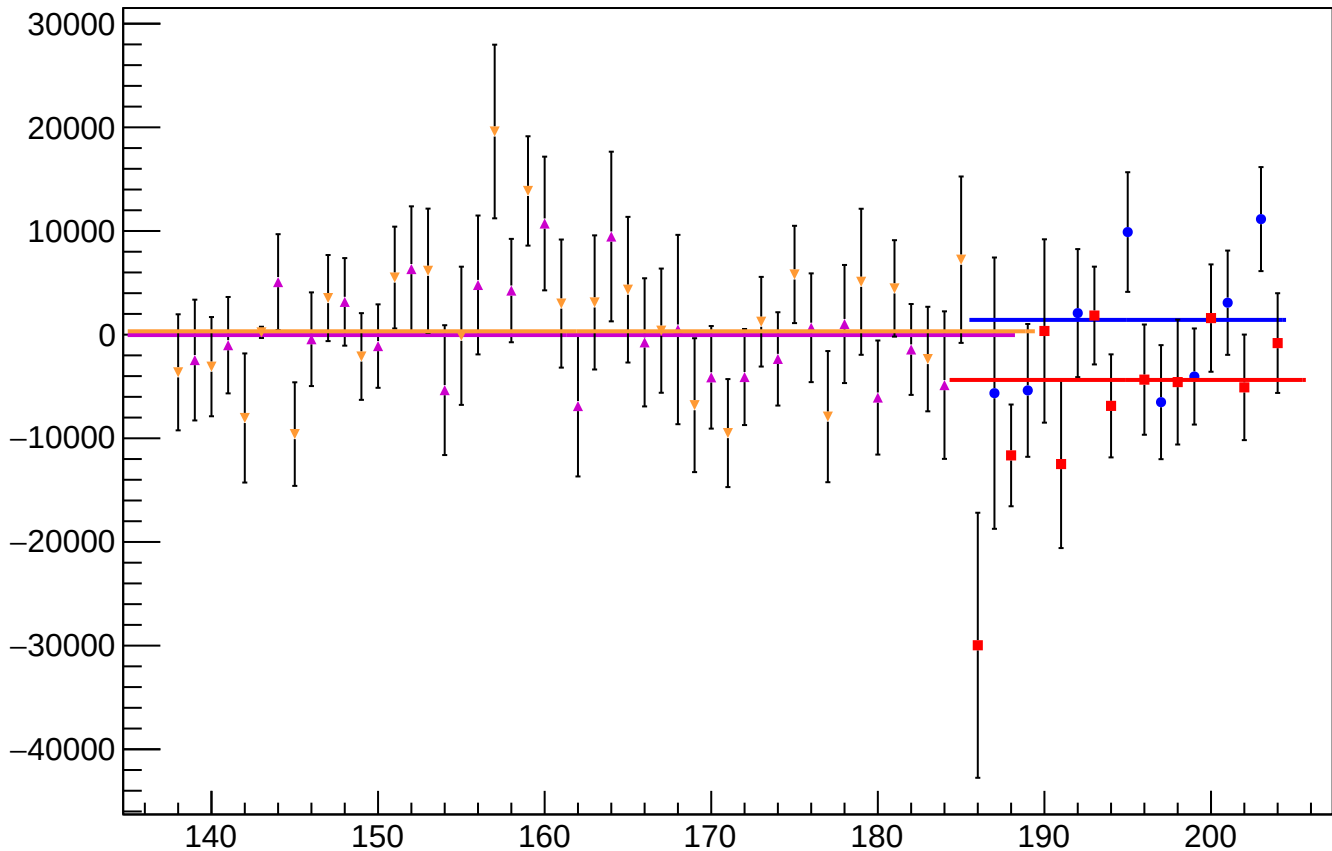
Left In: 1855.480+/-0.314 χ^2/NDF : 136219.4/22

+ sign 1809.436+/-0.236 χ^2/NDF : 1091931.8/49

All: 1800.236+/-0.163 χ^2/NDF : 1757406.1/10

- sign 1791.819+/-0.226 χ^2/NDF : 662559.7/51

asym_atl_dd_correction_mean vs Slug



Right In: 1423.482 $\pm$ 2019.386 χ^2/NDF : 10.9/7

Left Out: 325.135 $\pm$ 488.239 χ^2/NDF : 32.5/24

Right Out: -4369.211 $\pm$ 1707.350 χ^2/NDF : 11.4/10

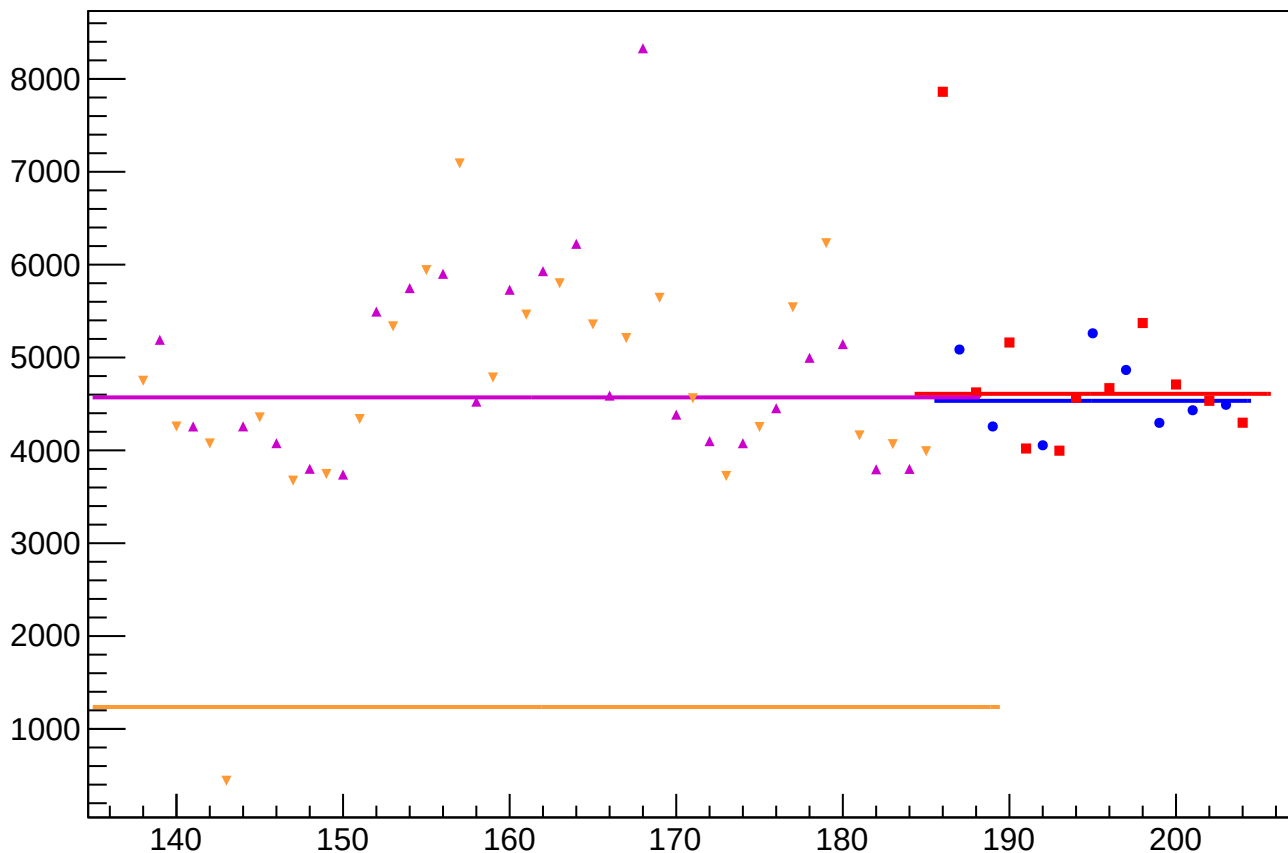
Left In: -40.142 $\pm$ 1109.747 χ^2/NDF : 13.9/22

+ sign 385.793 $\pm$ 474.565 χ^2/NDF : 43.7/32

All: 32.452 $\pm$ 422.755 χ^2/NDF : 76.2/66

- sign -1325.878 $\pm$ 930.468 χ^2/NDF : 29.8/33

asym_atl_dd_correction_rms vs Slug



Right In: 4533.467 $\pm$ 1.428 χ^2/NDF : 64534.7/7

Left Out: 1236.170 $\pm$ 0.345 χ^2/NDF : 23395886.7/24

Right Out: 4608.788 $\pm$ 1.207 χ^2/NDF : 223532.7/10

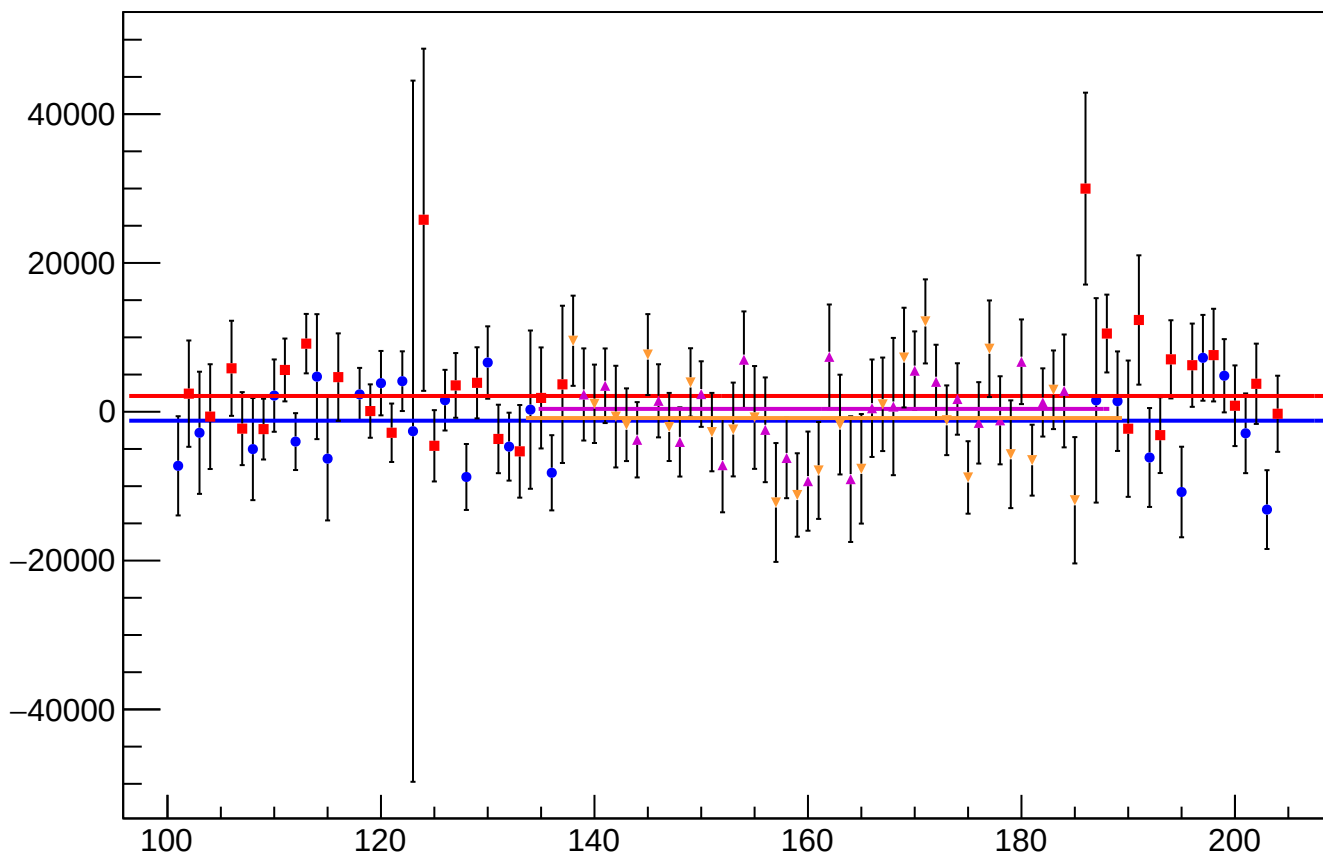
Left In: 4570.398 $\pm$ 0.785 χ^2/NDF : 1145211.6/22

+ sign 1418.270 $\pm$ 0.336 χ^2/NDF : 28498150.1/32

All: 2071.320 $\pm$ 0.299 χ^2/NDF : 48214216.4/6

- sign 4581.800 $\pm$ 0.658 χ^2/NDF : 1369455.1/33

asym_atl_dd_mean vs Slug



Right In: -1199.978 ± 1077.367 χ^2/NDF : 27.7/24

Left Out: -845.427 ± 1152.677 χ^2/NDF : 30.0/24

Right Out: 2122.639 ± 995.665 χ^2/NDF : 27.1/28

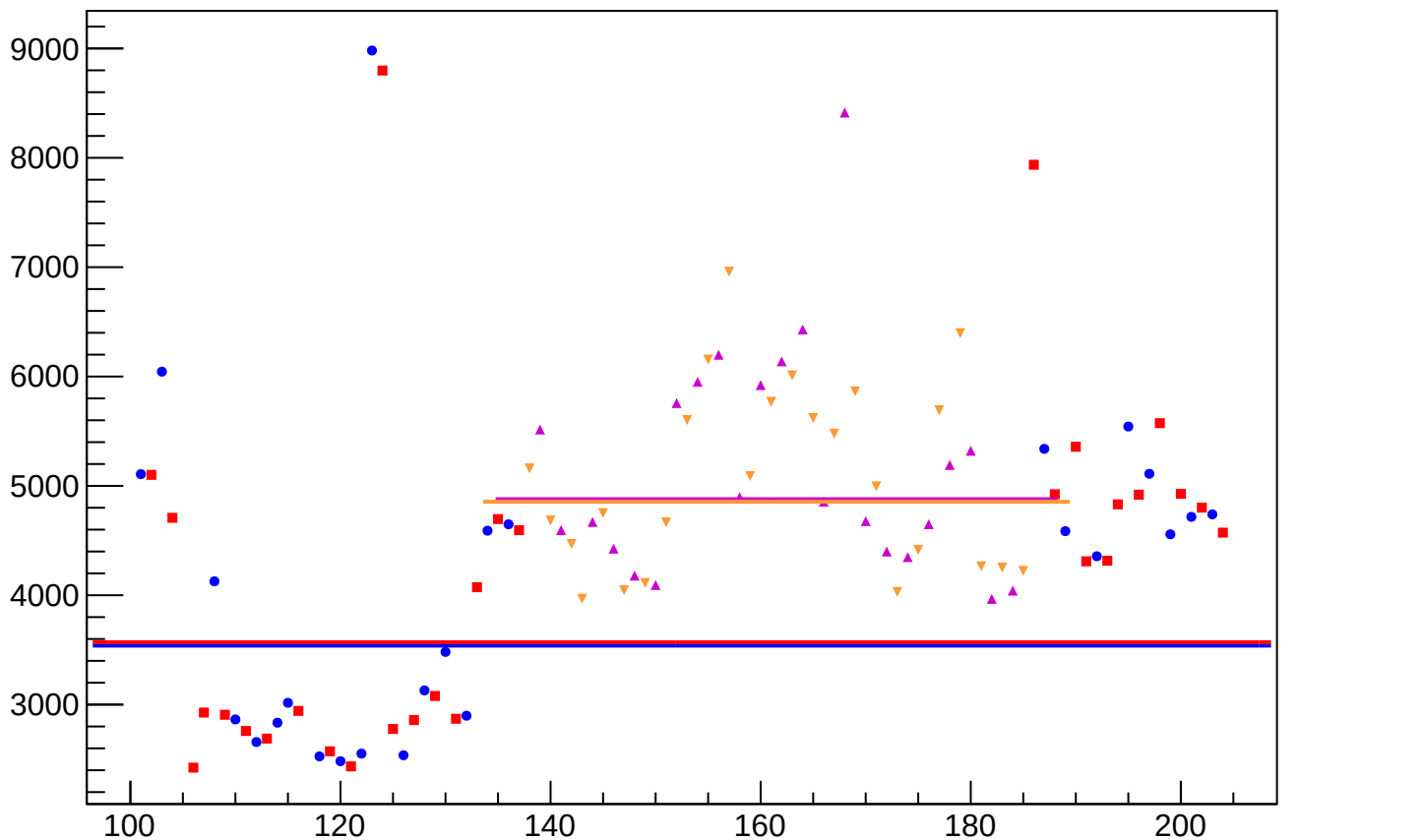
Left In: 385.098 ± 1181.458 χ^2/NDF : 13.9/22

+ sign -1034.662 ± 787.092 χ^2/NDF : 57.8/49

All: 223.679 ± 547.232 χ^2/NDF : 105.1/101

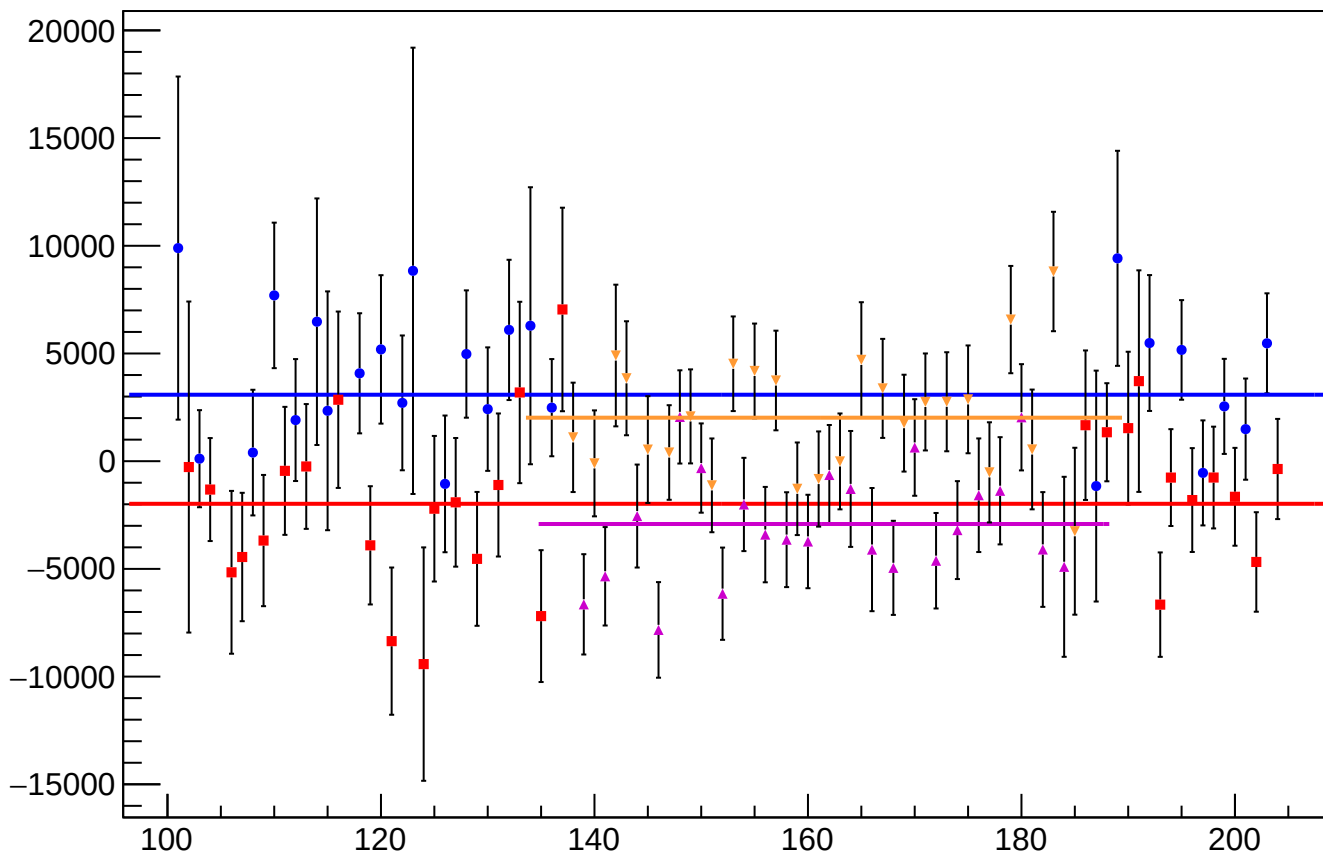
- sign 1401.077 ± 761.356 χ^2/NDF : 42.3/51

asym_atl_dd_rms vs Slug



Right In: 3539.601+/-0.762	χ^2/NDF : 1965105.9/24	+ sign 4152.896+/-0.557	χ^2/NDF : 4250647.3/49
Left Out: 4854.932+/-0.815	χ^2/NDF : 895557.4/24	All: 4129.662+/-0.386	χ^2/NDF : 9127912.9/10
Right Out: 3570.728+/-0.698	χ^2/NDF : 2465900.4/28	- sign 4108.145+/-0.536	χ^2/NDF : 4873909.0/51
Left In: 4878.261+/-0.835	χ^2/NDF : 965222.2/22		

dit_asym_atr_avg_mean vs Slug



Right In: 3085.313 $\pm$ 610.440 χ^2 /NDF: 17.3/24

Left Out: 2019.326 $\pm$ 481.340 χ^2 /NDF: 27.1/24

Right Out: -1978.095 $\pm$ 549.845 χ^2 /NDF: 30.1/28

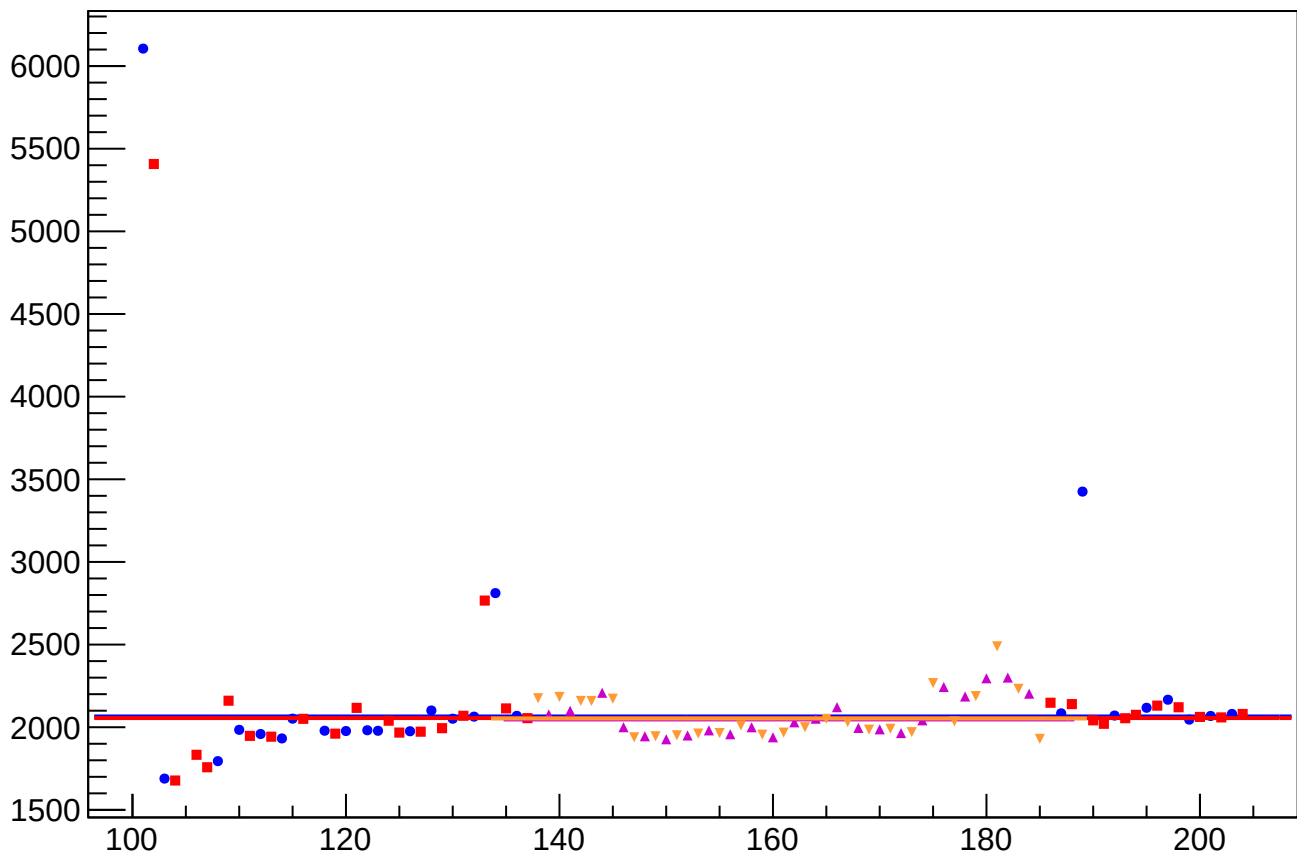
Left In: -2916.079 $\pm$ 489.445 χ^2 /NDF: 28.8/22

+ sign 2428.007 $\pm$ 377.972 χ^2 /NDF: 46.3/49

All: -118.788 $\pm$ 262.778 χ^2 /NDF: 194.8/101

- sign -2501.416 $\pm$ 365.587 χ^2 /NDF: 60.6/51

dit_asym_atr_avg_rms vs Slug



Right In: 2065.019 $\pm$ 0.432 χ^2 /NDF: 779627.0/24

Left Out: 2053.296 $\pm$ 0.340 χ^2 /NDF:136888.1/24

Right Out: 2055.459 $\pm$ 0.389 χ^2 /NDF: 538405.8/28

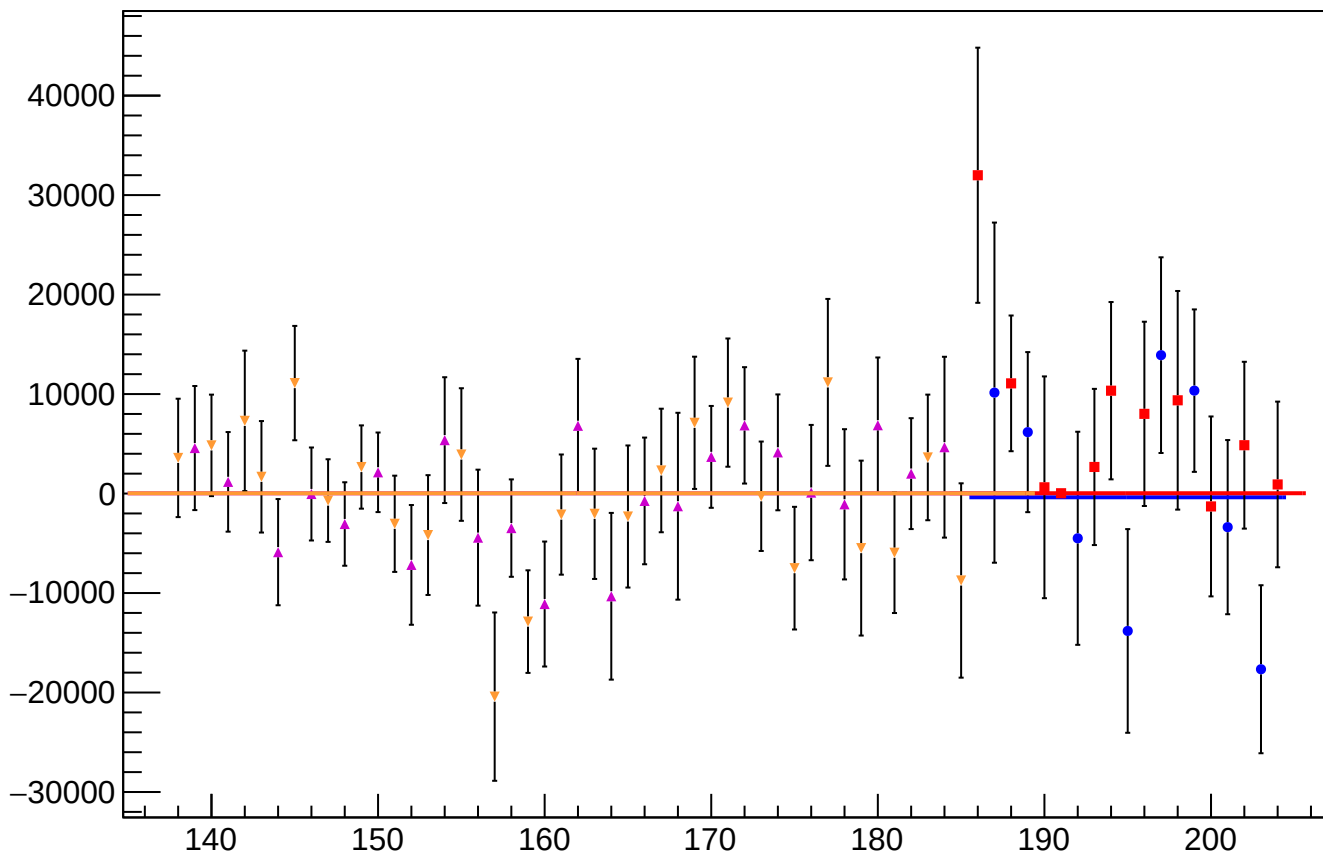
Left In: 2047.277 $\pm$ 0.346 χ^2 /NDF:103001.2/22

+ sign 2057.790 $\pm$ 0.267 χ^2 /NDF: 916970.0/49

All: 2054.228 $\pm$ 0.186 χ^2 /NDF: 1558968.0/10

- sign 2050.895 $\pm$ 0.258 χ^2 /NDF: 641654.1/51

asym_atr_avg_correction_mean vs Slug



Right In: -375.589 ± 3341.721 χ^2/NDF : 11.1/7

Left Out: 25.977 ± 1194.625 χ^2/NDF : 29.2/24

Right Out: 31.786 ± 15.145 χ^2/NDF : 12.1/10

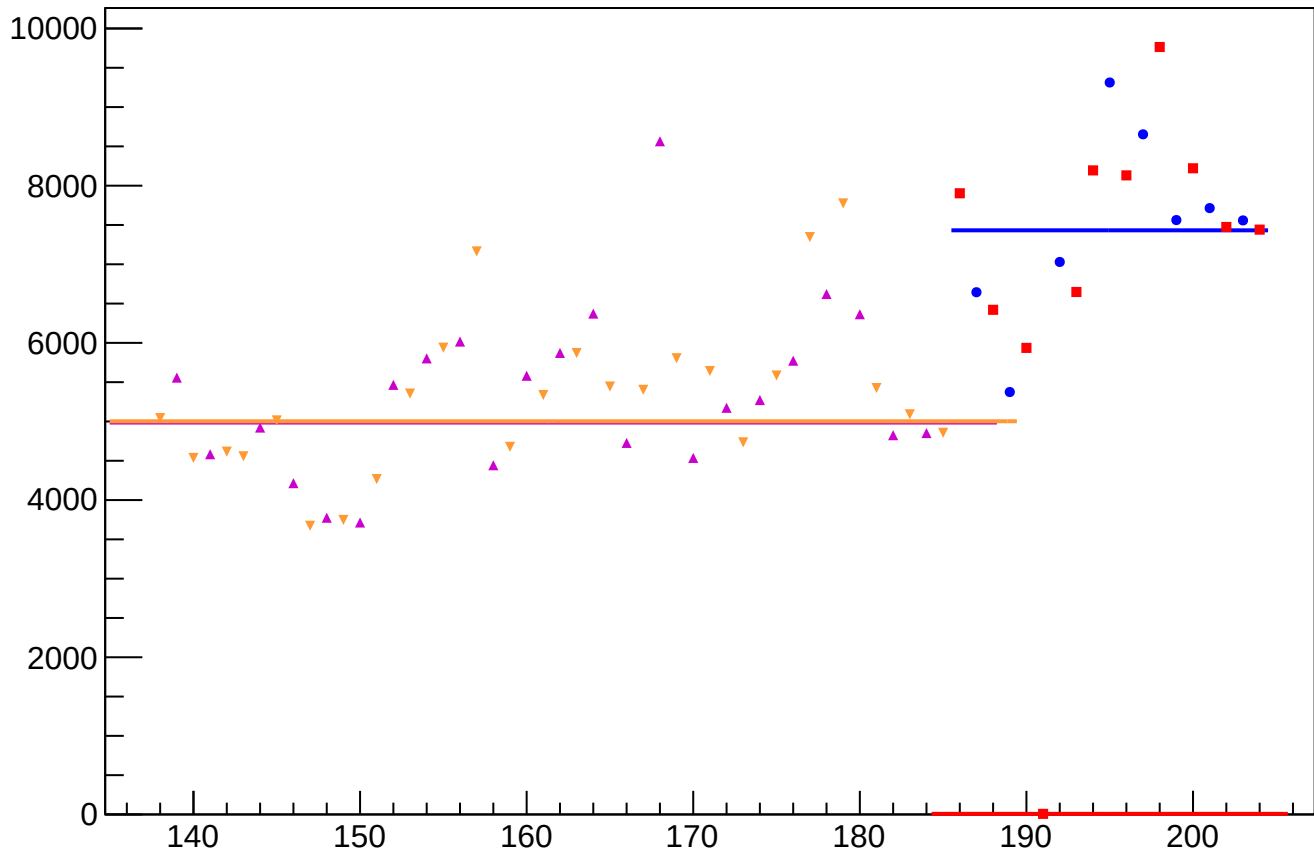
Left In: 23.765 ± 1211.652 χ^2/NDF : 15.2/22

+ sign -19.527 ± 1124.906 χ^2/NDF : 40.3/32

All: 31.776 ± 15.142 χ^2/NDF : 67.6/66

- sign 31.785 ± 15.144 χ^2/NDF : 27.3/33

asym_atr_avg_correction_rms vs Slug



Right In: 7431.991+/-2.363 χ^2/NDF : 239270.8/7

Left Out: 5002.559+/-0.845 χ^2/NDF :1145597.1/24

Right Out: 7.721+/-0.011 χ^2/NDF : 14157231.9/10

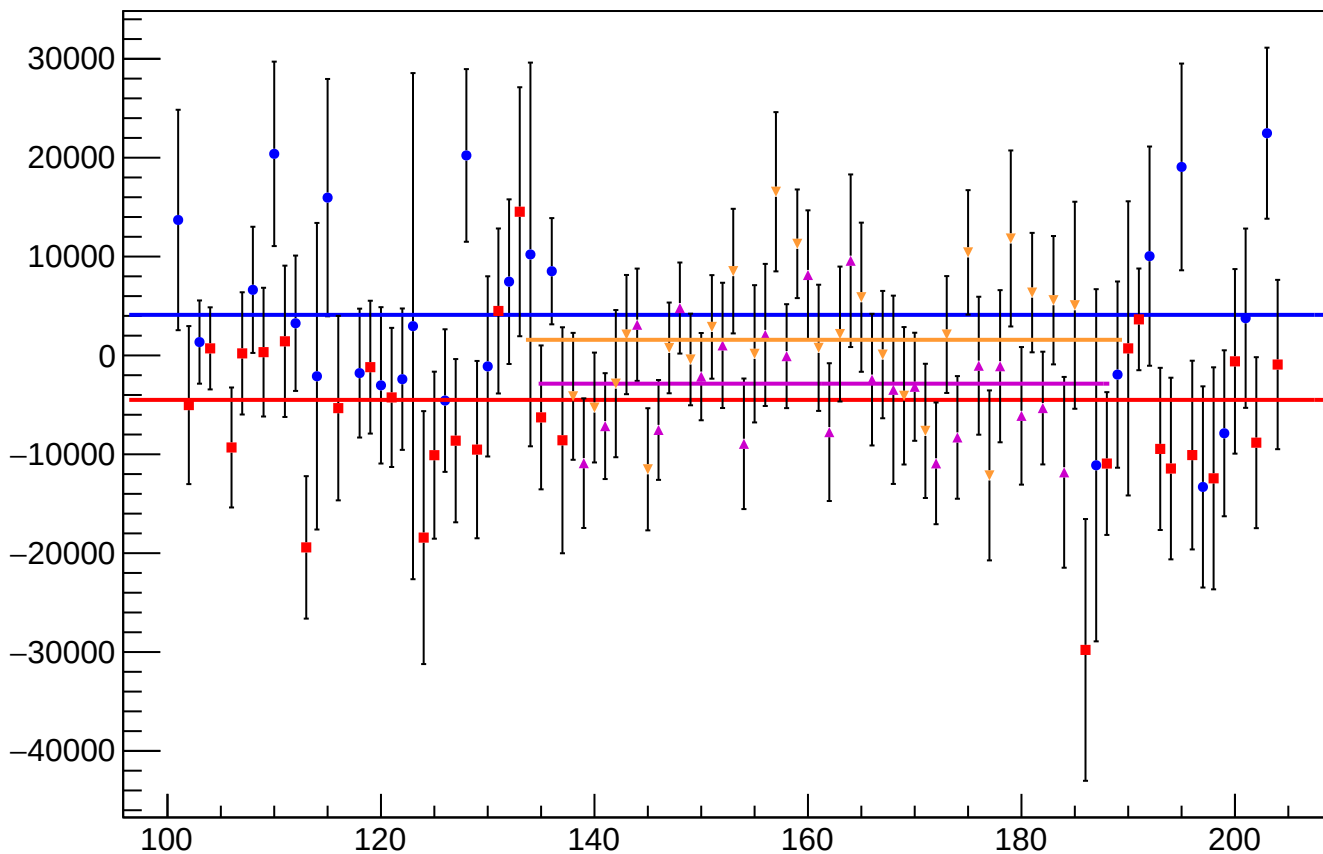
Left In: 4986.169+/-0.857 χ^2/NDF :1197602.7/22

+ sign 5277.853+/-0.795 χ^2/NDF : 2322145.2/32

All: 9.453+/-0.011 χ^2/NDF : 95313052.3/66

- sign 8.499+/-0.011 χ^2/NDF : 49114207.7/33

asym_atr_avg_mean vs Slug



Right In: 4103.784+/-1642.169 χ^2/NDF : 27.1/24

Left Out: 1580.515+/-1266.098 χ^2/NDF : 25.2/24

Right Out: -4496.467+/-1433.634 χ^2/NDF : 23.8/28

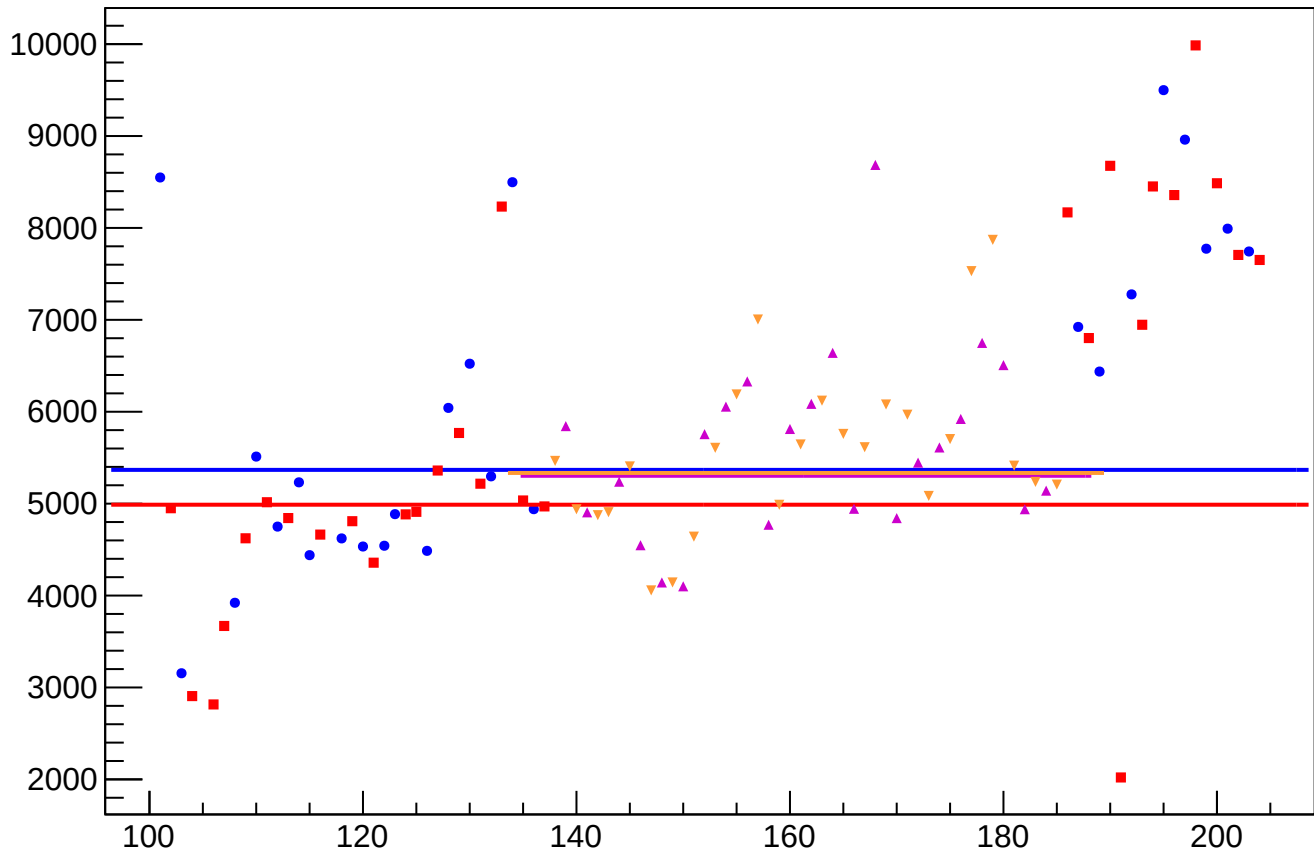
Left In: -2856.480+/-1284.131 χ^2/NDF : 18.1/22

+ sign 2521.229+/-1002.686 χ^2/NDF : 53.7/49

All: -676.488+/-692.107 χ^2/NDF : 115.7/101

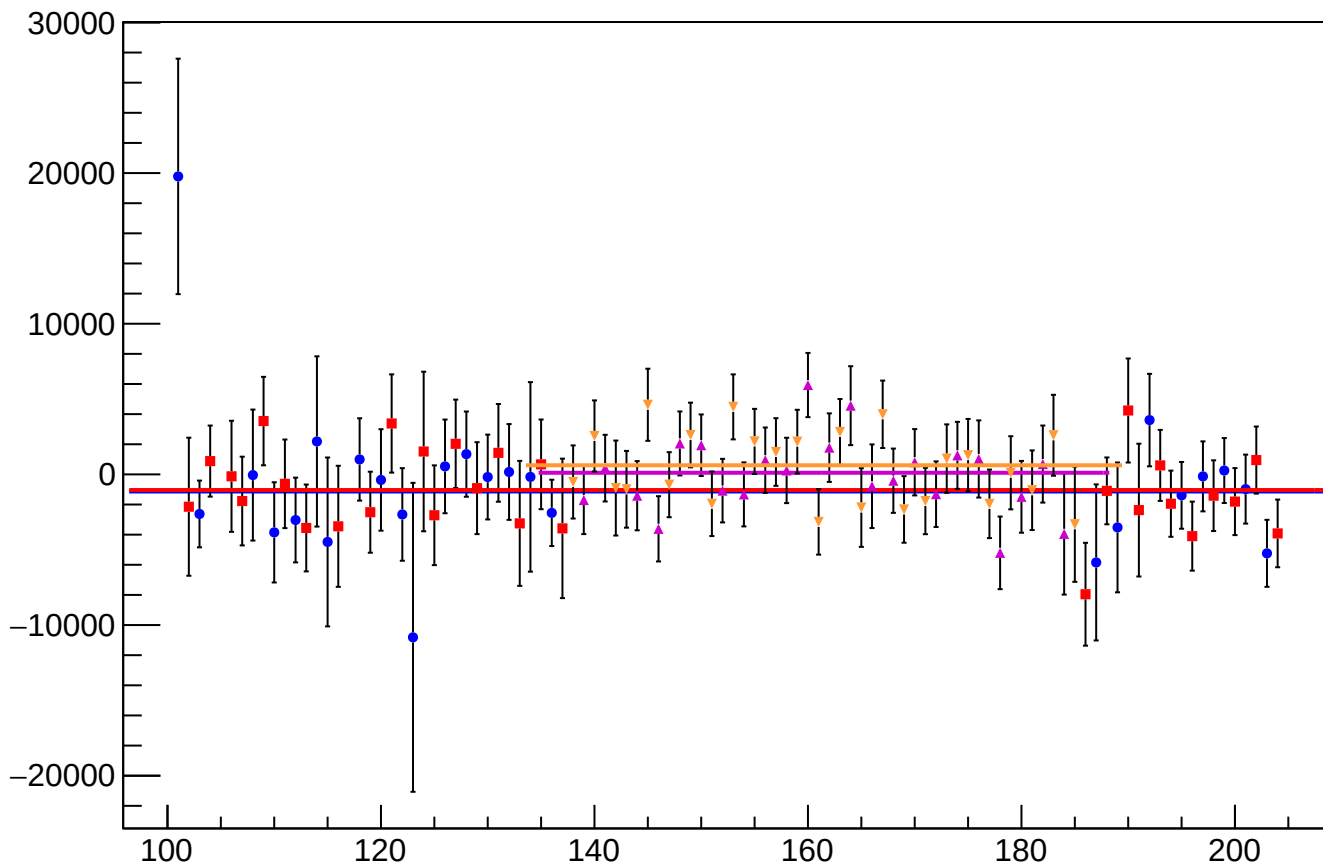
- sign -3586.531+/-956.521 χ^2/NDF : 42.6/51

asym_atr_avg_rms vs Slug



Right In: 5367.532+/-1.161	χ^2/NDF : 2206834.8/24	+ sign 5346.640+/-0.709	χ^2/NDF : 3072765.2/49
Left Out: 5334.221+/-0.895	χ^2/NDF : 865414.3/24		
Right Out: 4988.518+/-1.010	χ^2/NDF : 3814406.0/28	All: 5250.101+/-0.489	χ^2/NDF : 7936622.4/10
Left In: 5303.321+/-0.908	χ^2/NDF : 960356.0/22	- sign 5162.561+/-0.675	χ^2/NDF : 4828505.8/51

dit_asym_atr_dd_mean vs Slug



Right In: -1134.014 ± 600.775 χ^2/NDF : 20.6/24

Left Out: 605.796 ± 469.397 χ^2/NDF : 25.2/24

Right Out: -1038.076 ± 533.592 χ^2/NDF : 21.2/28

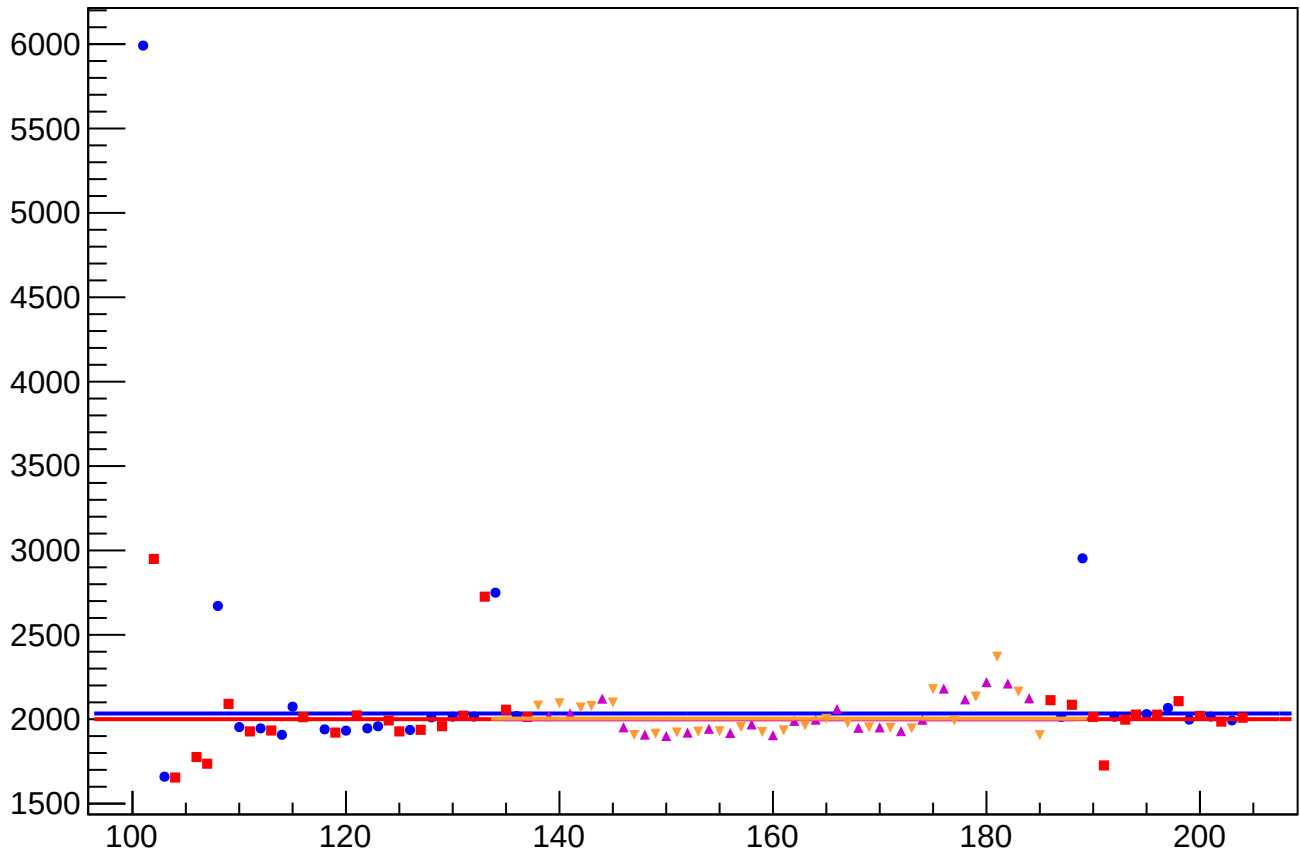
Left In: 108.365 ± 477.899 χ^2/NDF : 25.0/22

+ sign -53.695 ± 369.884 χ^2/NDF : 51.1/49

All: -234.471 ± 256.495 χ^2/NDF : 100.3/101

- sign -401.923 ± 355.993 χ^2/NDF : 48.7/51

dit_asym_atr_dd_rms vs Slug



Right In: 2033.936 $\pm$ 0.425 χ^2 /NDF: 744330.9/24

Left Out: 2003.987 $\pm$ 0.332 χ^2 /NDF: 99981.7/24

Right Out: 2000.286 $\pm$ 0.377 χ^2 /NDF: 240995.9/28

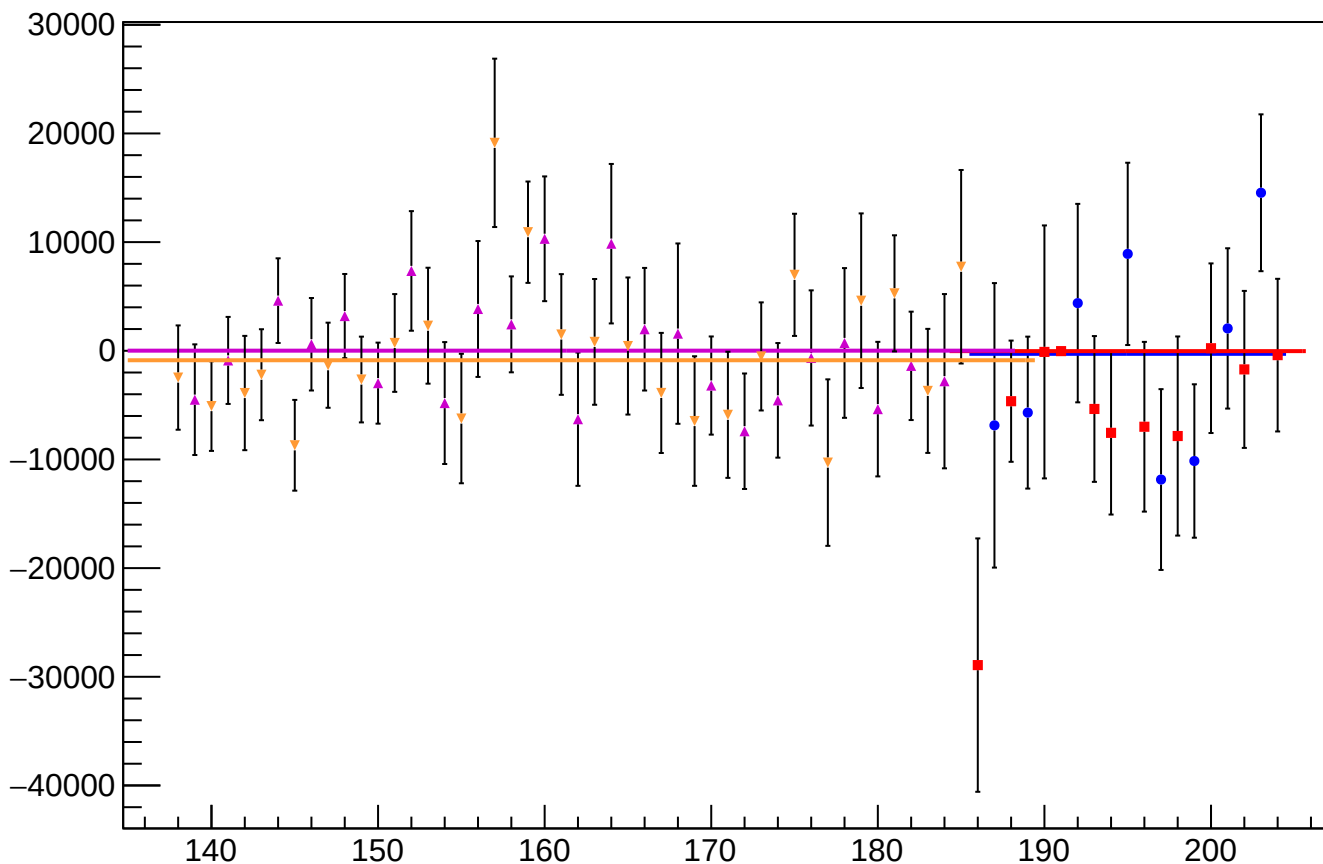
Left In: 2000.119 $\pm$ 0.338 χ^2 /NDF: 79688.8/22

+ sign 2015.340 $\pm$ 0.262 χ^2 /NDF: 847398.6/49

All: 2007.475 $\pm$ 0.181 χ^2 /NDF: 1169824.8/10

- sign 2000.193 $\pm$ 0.252 χ^2 /NDF: 320684.8/51

asym_atr_dd_correction_mean vs Slug



Right In: -279.676 ± 2833.019 χ^2/NDF : 10.5/7

Left Out: -871.296 ± 1043.390 χ^2/NDF : 28.3/24

Right Out: -31.228 ± 14.261 χ^2/NDF : 10.0/10

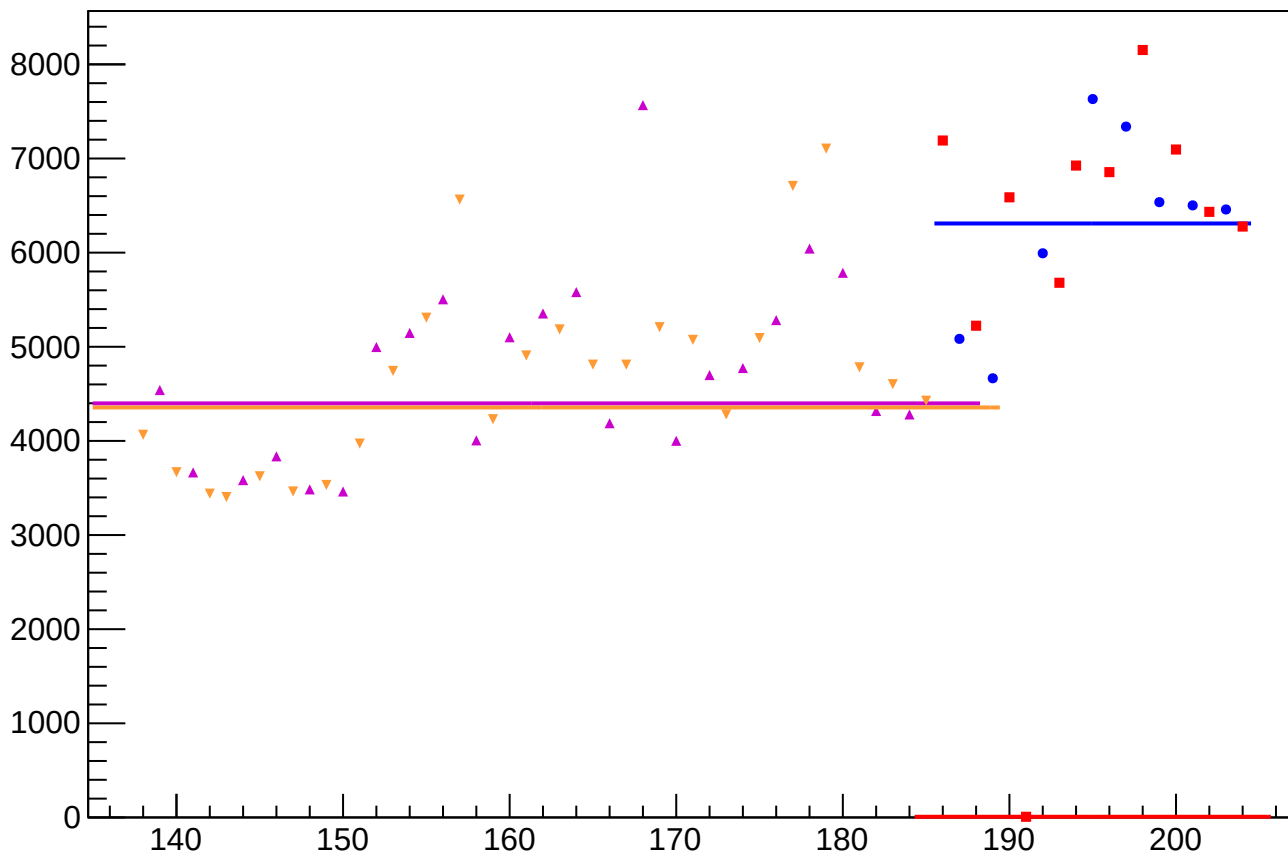
Left In: 10.945 ± 1070.258 χ^2/NDF : 17.2/22

+ sign -800.632 ± 979.098 χ^2/NDF : 38.9/32

All: -31.384 ± 14.258 χ^2/NDF : 66.7/66

- sign -31.220 ± 14.259 χ^2/NDF : 27.2/33

asym_atr_dd_correction_rms vs Slug



Right In: 6309.756 ± 2.003 χ^2/NDF : 215146.3/7

Left Out: 4355.202 ± 0.738 χ^2/NDF : 1350492.3/24

Right Out: 7.292 ± 0.010 χ^2/NDF : 14216740.6/10

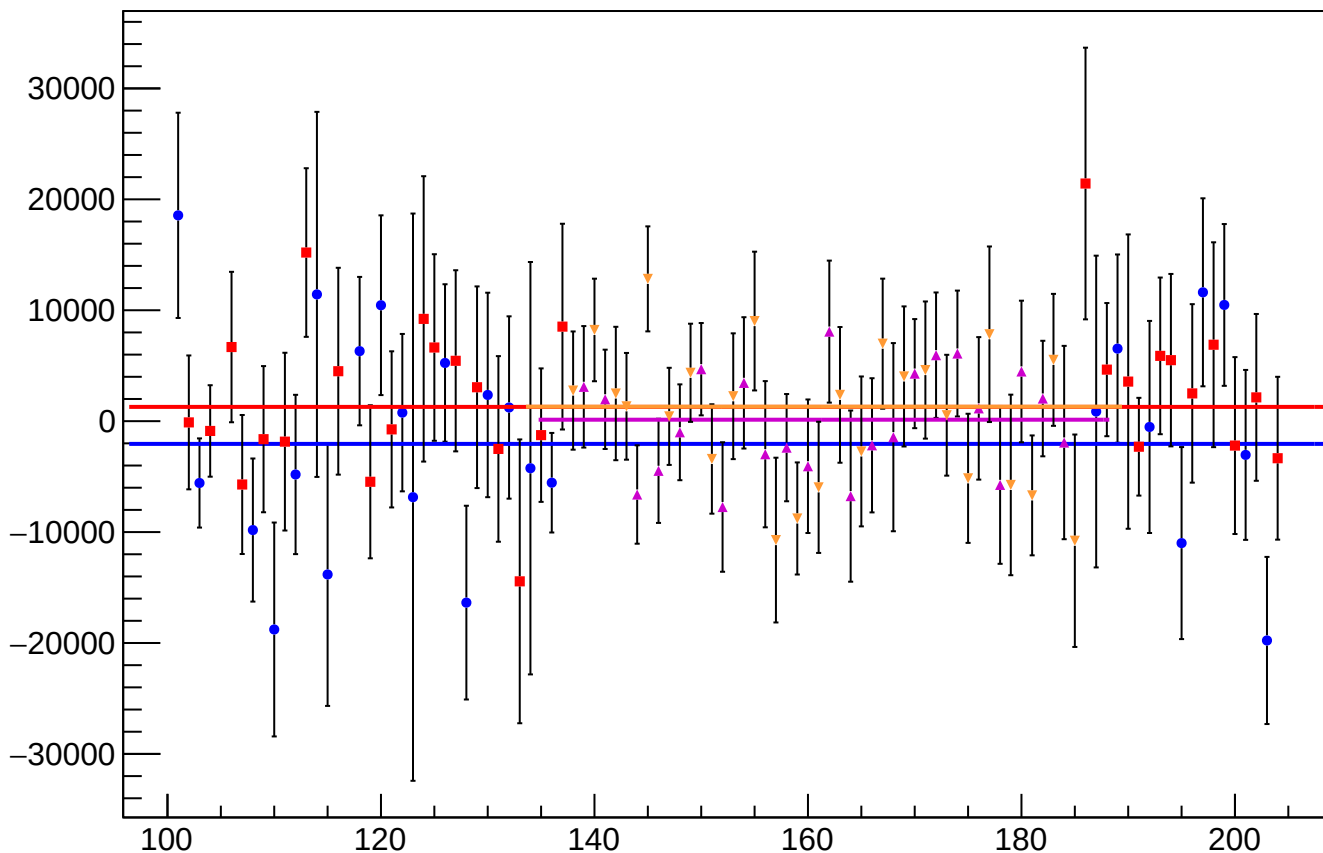
Left In: 4398.421 ± 0.757 χ^2/NDF : 1278784.1/22

+ sign 4588.656 ± 0.692 χ^2/NDF : 2403910.0/32

All: 9.042 ± 0.010 χ^2/NDF : 95325616.7/66

- sign 8.071 ± 0.010 χ^2/NDF : 49156616.7/33

asym_atr_dd_mean vs Slug



Right In: -2048.911 ± 1542.705 χ^2/NDF : 34.1/24

Left Out: 1306.805 ± 1131.617 χ^2/NDF : 28.1/24

Right Out: 1286.790 ± 1340.731 χ^2/NDF : 16.1/28

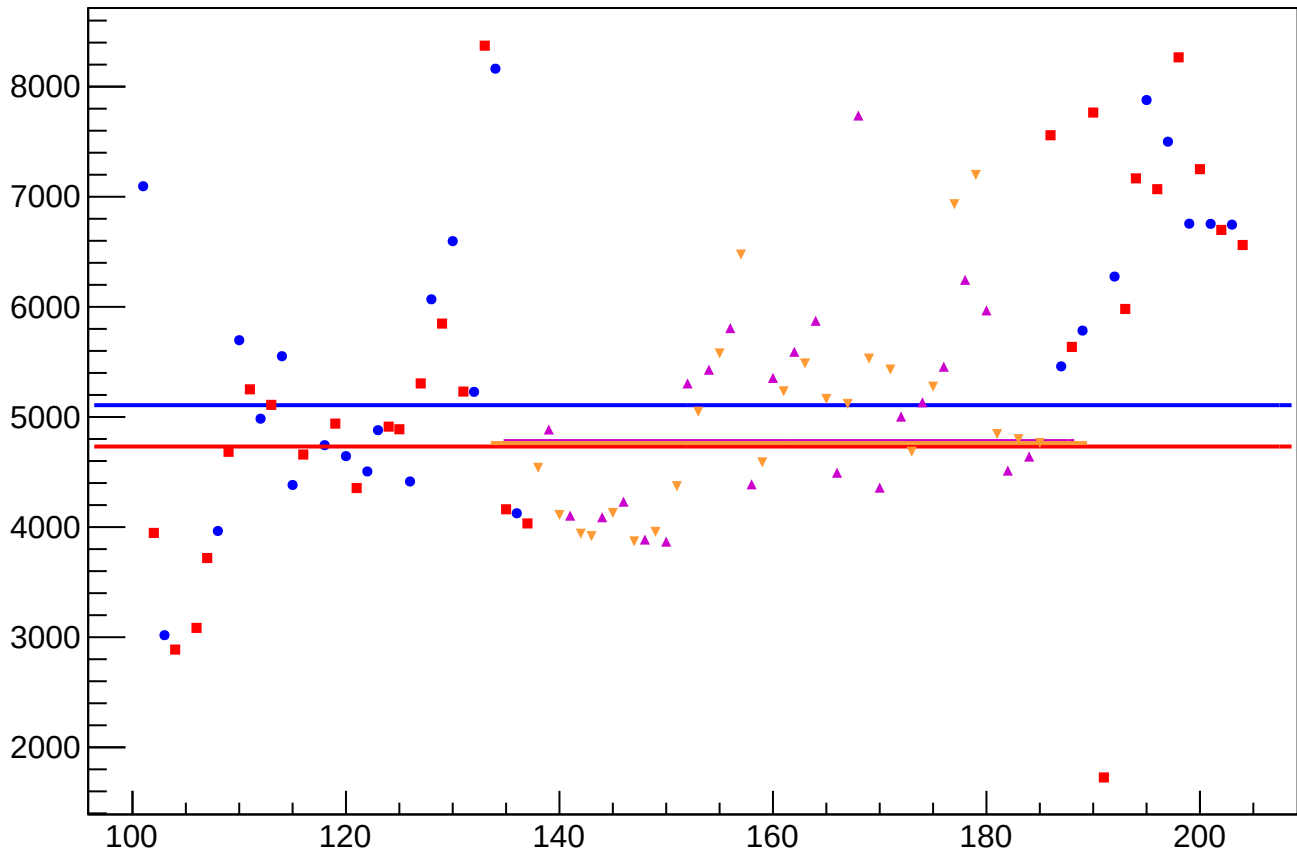
Left In: 131.428 ± 1157.282 χ^2/NDF : 14.9/22

+ sign 132.869 ± 912.457 χ^2/NDF : 65.4/49

All: 388.798 ± 631.943 χ^2/NDF : 96.9/101

- sign 624.717 ± 876.059 χ^2/NDF : 31.4/51

asym_atr_dd_rms vs Slug



Right In: 5107.236+/-1.091 χ^2/NDF : 1682280.3/24

Left Out: 4763.190+/-0.800 χ^2/NDF : 941856.9/24

Right Out: 4731.780+/-0.945 χ^2/NDF : 3253750.9/28

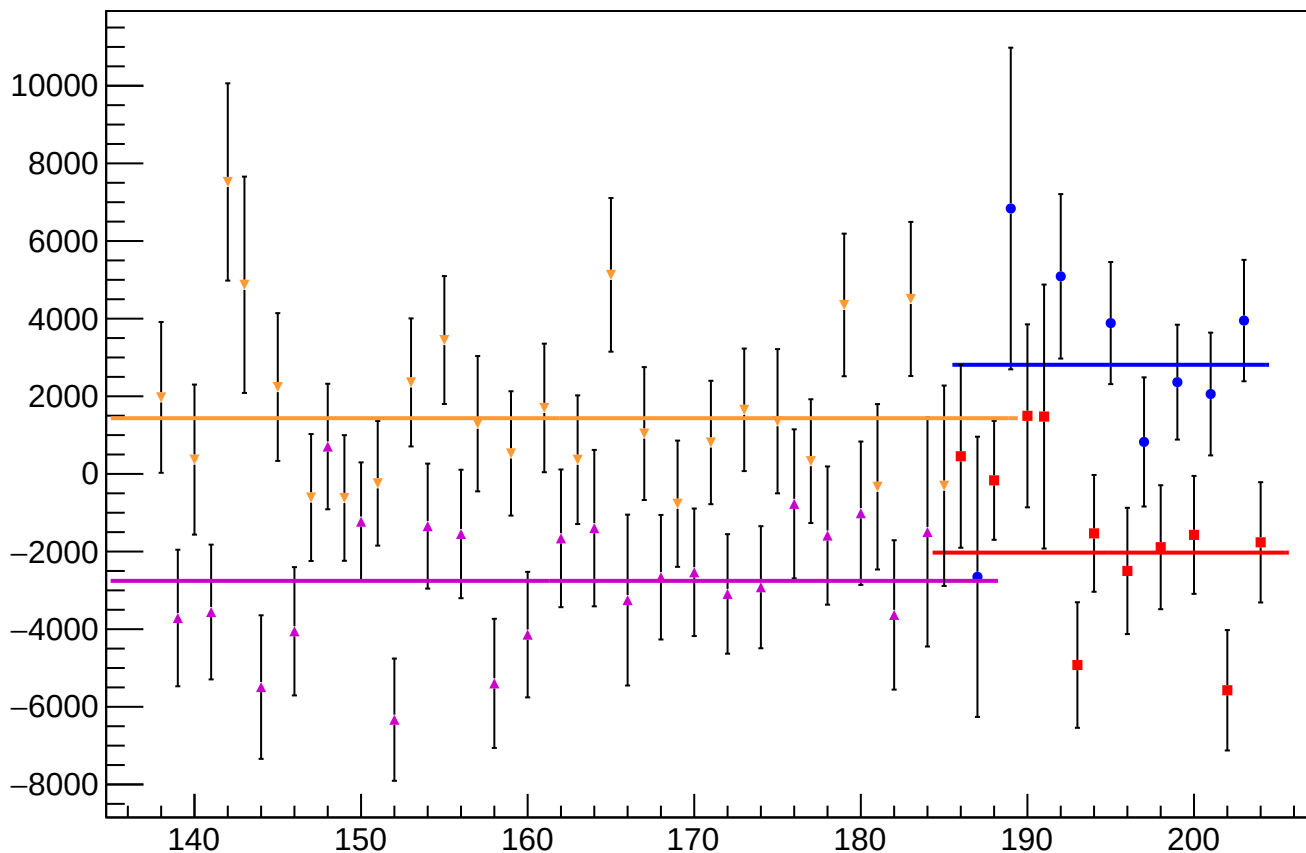
Left In: 4781.172+/-0.818 χ^2/NDF : 951542.2/22

+ sign 4883.548+/-0.645 χ^2/NDF : 2688810.3/49

All: 4819.168+/-0.447 χ^2/NDF : 6914772.2/10

- sign 4759.999+/-0.619 χ^2/NDF : 4206854.8/51

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2811.403 $\pm$ 646.974 χ^2 /NDF: 7.1/7

Left Out: 1435.504 $\pm$ 358.178 χ^2 /NDF:26.7/24

Right Out: -2027.367 $\pm$ 517.606 χ^2 /NDF: 14.6/10

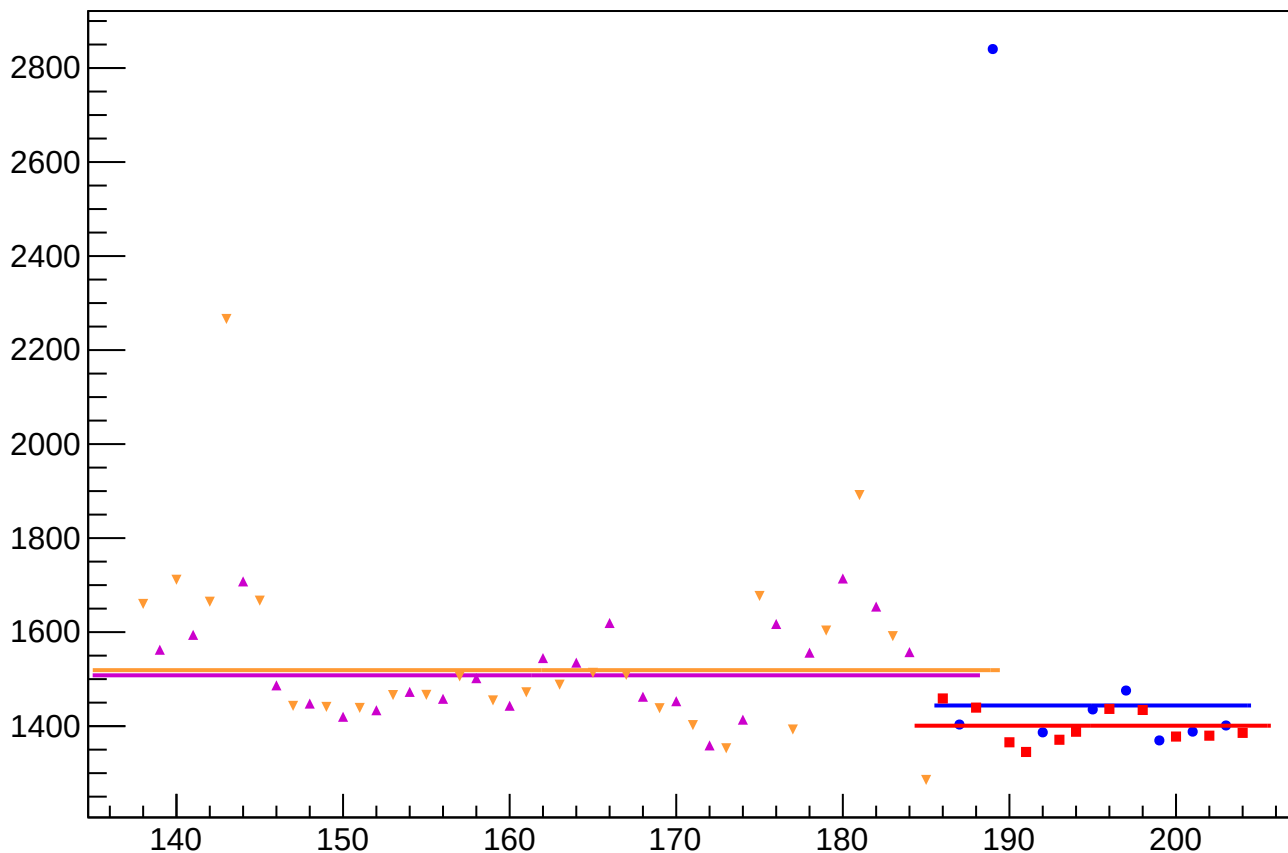
Left In: -2754.889 $\pm$ 361.672 χ^2 /NDF:22.4/22

+ sign 1758.281 $\pm$ 313.361 χ^2 /NDF: 37.3/32

All: -497.281 $\pm$ 215.359 χ^2 /NDF: 173.8/66

- sign -2516.215 $\pm$ 296.468 χ^2 /NDF: 38.3/33

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1443.926 $\pm$ 0.457 χ^2/NDF : 238675.6/7

Left Out: 1519.092 $\pm$ 0.253 χ^2/NDF : 365839.2/24

Right Out: 1400.940 $\pm$ 0.366 χ^2/NDF : 7165.5/10

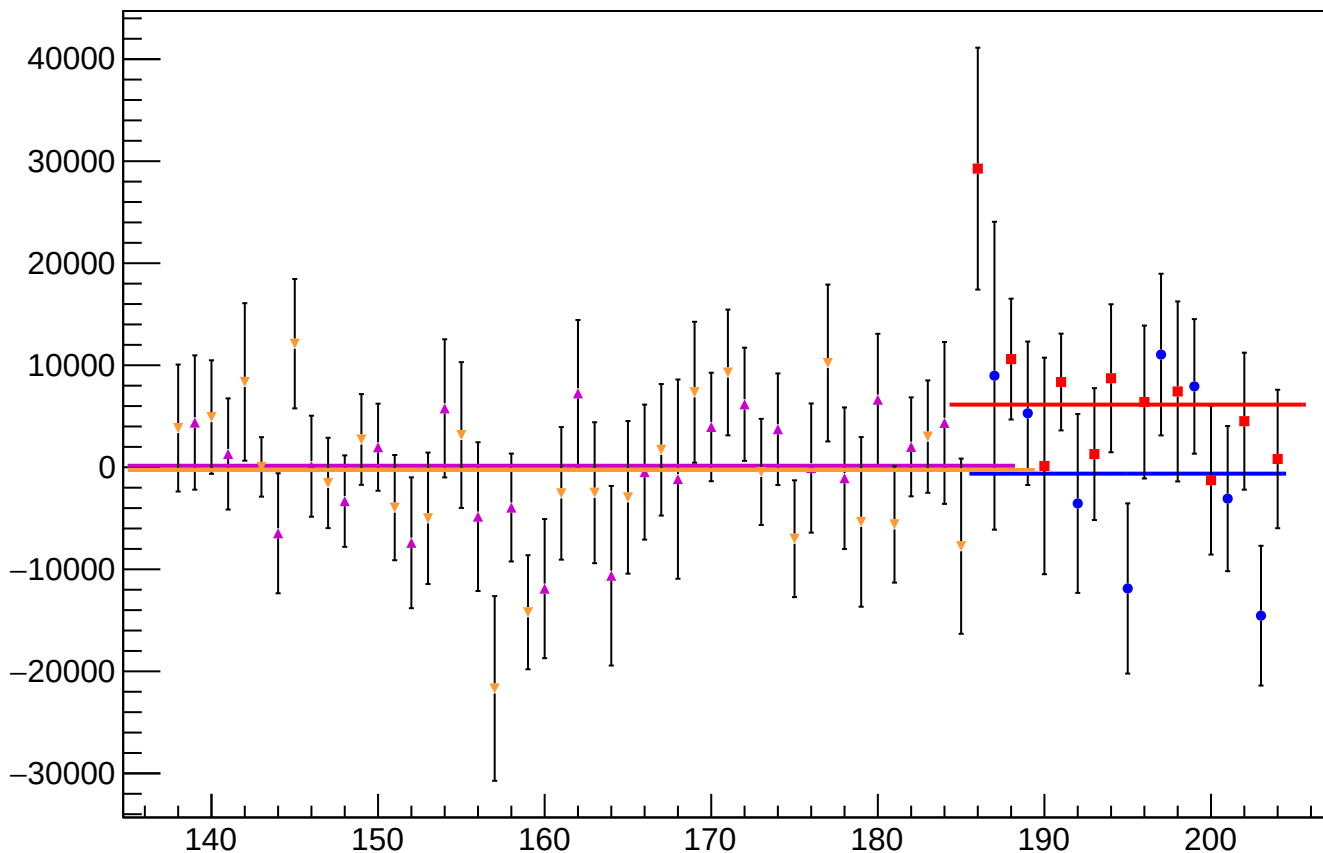
Left In: 1508.111 $\pm$ 0.256 χ^2/NDF : 131488.7/22

+ sign 1501.459 $\pm$ 0.222 χ^2/NDF : 625177.9/32

All: 1486.417 $\pm$ 0.152 χ^2/NDF : 830177.7/66

- sign 1472.952 $\pm$ 0.210 χ^2/NDF : 196266.3/33

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: -623.640 ± 2752.190 $\chi^2/\text{NDF}: 11.1/7$

Left Out: -264.324 ± 1151.119 $\chi^2/\text{NDF}: 29.7/24$

Right Out: 6142.122 ± 2106.624 $\chi^2/\text{NDF}: 7.3/10$

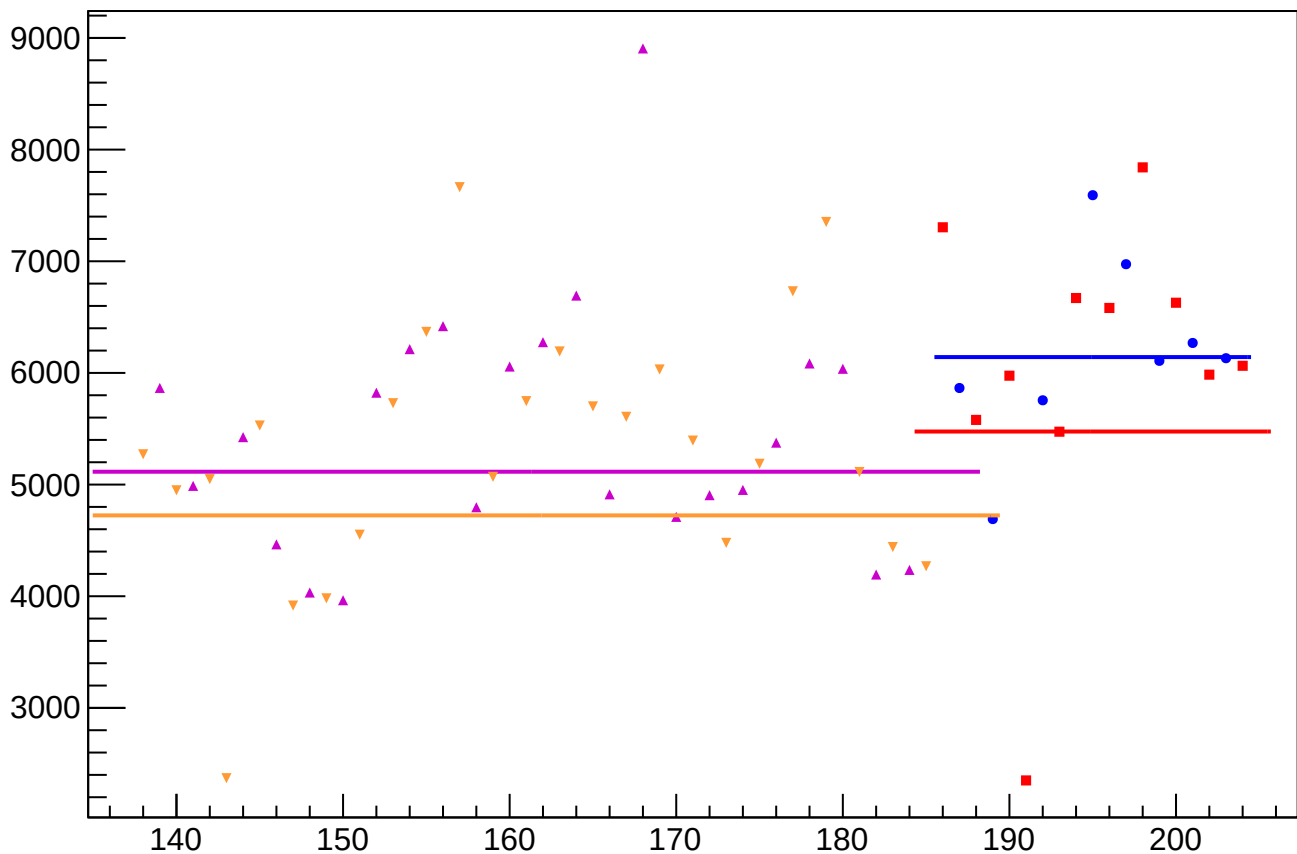
Left In: 151.239 ± 1241.800 $\chi^2/\text{NDF}: 14.9/22$

+ sign -317.823 ± 1061.971 $\chi^2/\text{NDF}: 40.9/32$

All: 681.785 ± 753.669 $\chi^2/\text{NDF}: 70.8/66$

- sign 1696.129 ± 1069.770 $\chi^2/\text{NDF}: 28.2/33$

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 6141.863+/-1.946 χ^2/NDF : 172917.2/7

Left Out: 4724.027+/-0.814 χ^2/NDF : 2537532.1/24

Right Out: 5475.160+/-1.490 χ^2/NDF : 1239953.9/10

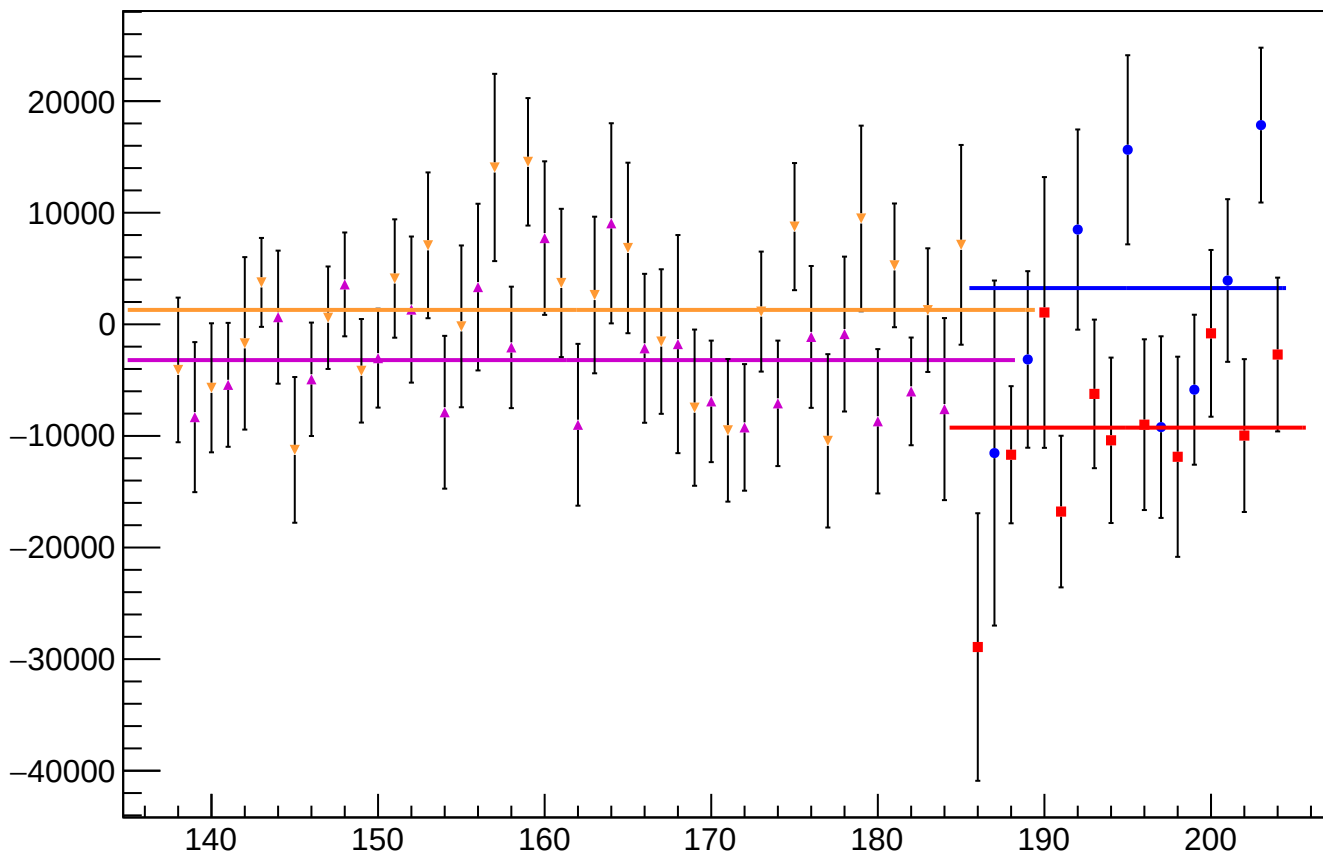
Left In: 5115.139+/-0.878 χ^2/NDF : 1131347.2/22

+ sign 4935.130+/-0.751 χ^2/NDF : 3162211.8/32

All: 5070.556+/-0.533 χ^2/NDF : 5642391.3/60

- sign 5207.979+/-0.756 χ^2/NDF : 2414651.1/33

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 3248.142 $\pm$ 2847.015 χ^2 /NDF: 12.7/7

Left Out: 1292.246 $\pm$ 1215.761 χ^2 /NDF: 27.8/24

Right Out: -9257.636 $\pm$ 2279.174 χ^2 /NDF: 7.3/10

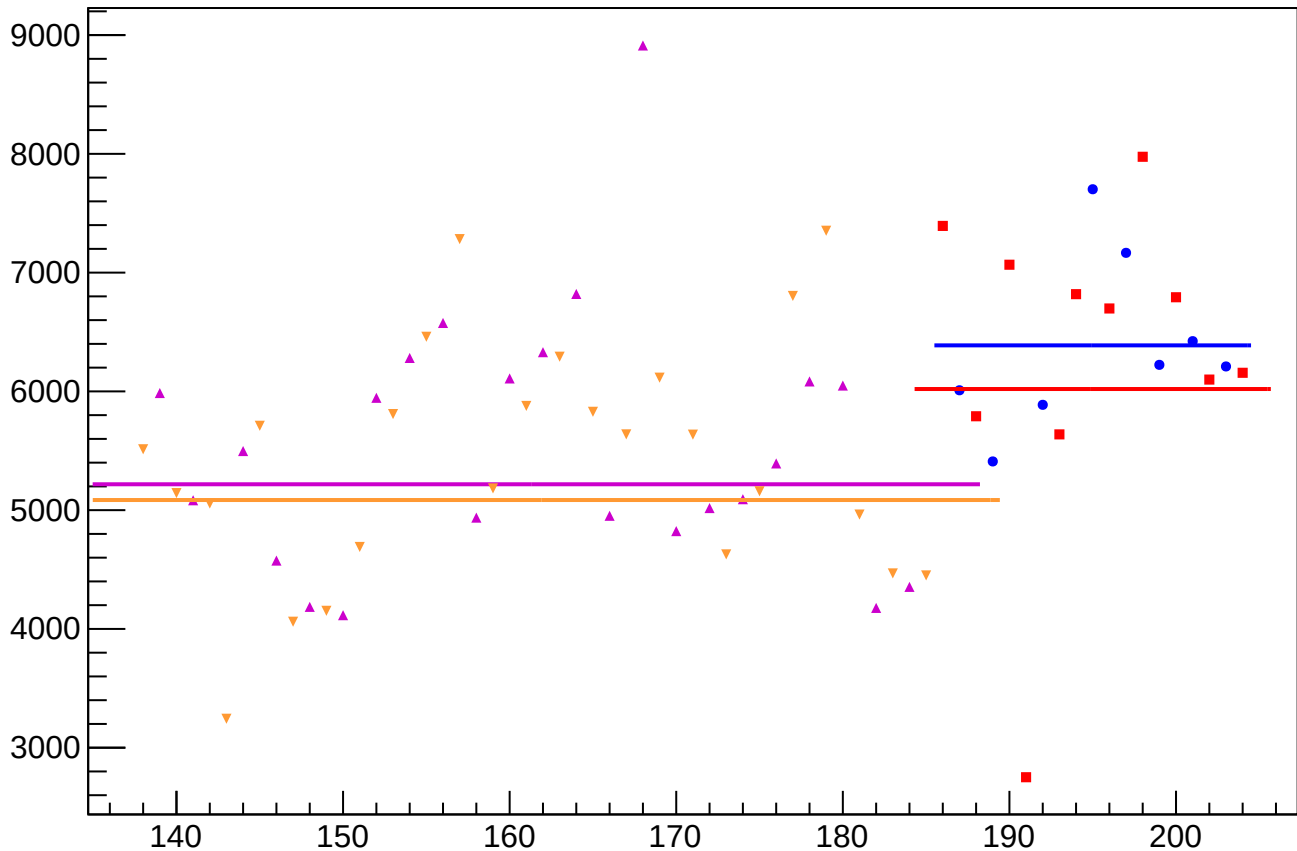
Left In: -3205.363 $\pm$ 1265.586 χ^2 /NDF: 13.9/22

+ sign 1593.904 $\pm$ 1118.084 χ^2 /NDF: 40.9/32

All: -1551.465 $\pm$ 786.459 χ^2 /NDF: 83.1/66

- sign -4631.716 $\pm$ 1106.450 χ^2 /NDF: 26.6/33

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 6387.504+/-2.013 χ^2/NDF : 106965.2/7

Left Out: 5085.307+/-0.860 χ^2/NDF :1356698.4/24

Right Out: 6019.971+/-1.612 χ^2/NDF : 669992.8/10

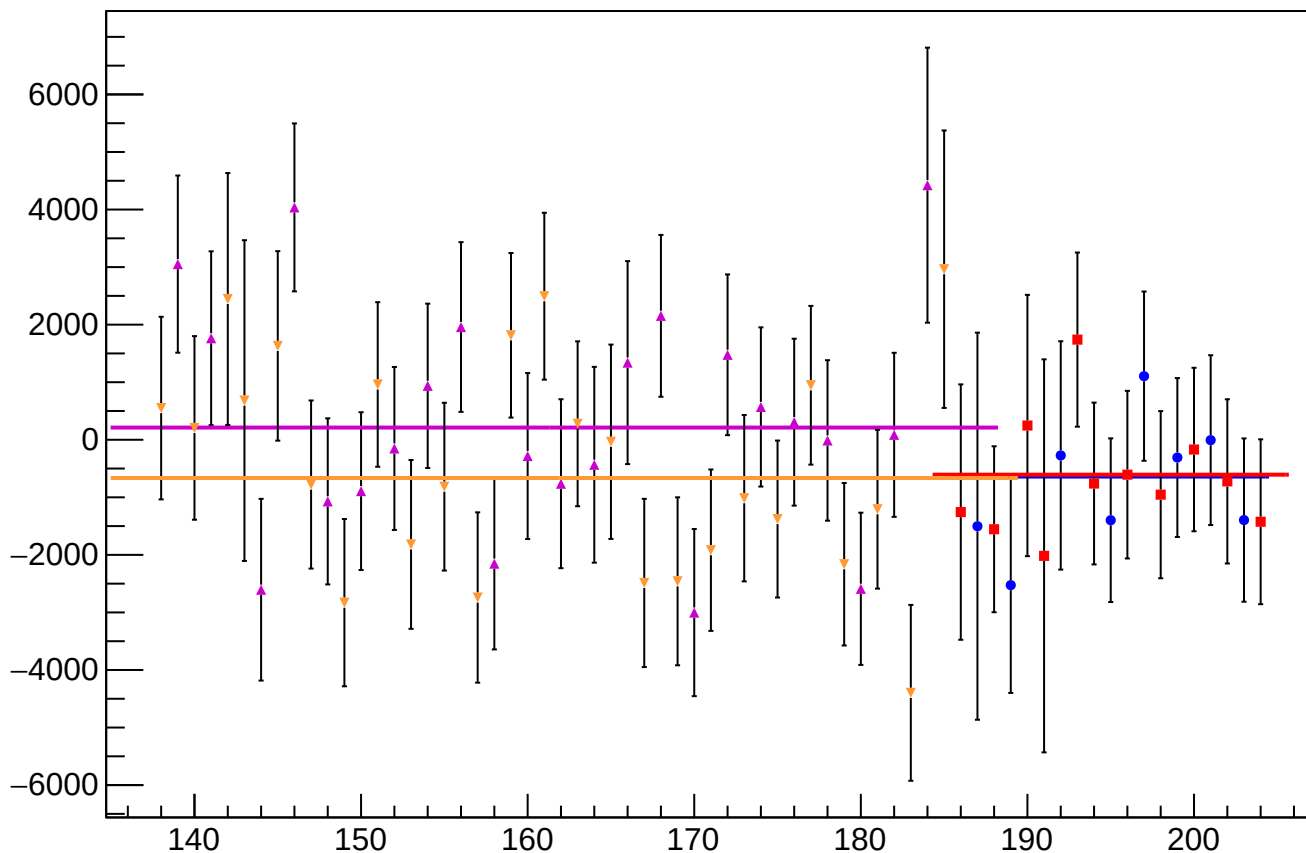
Left In: 5217.971+/-0.895 χ^2/NDF :1058996.1/22

+ sign 5286.145+/-0.791 χ^2/NDF : 1817543.9/32

All: 5347.195+/-0.556 χ^2/NDF : 3747615.0/60

- sign 5406.981+/-0.782 χ^2/NDF : 1918268.9/33

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -639.249 ± 571.100 χ^2/NDF : 3.3/7

Left Out: -664.362 ± 305.119 χ^2/NDF : 34.6/24

Right Out: -606.641 ± 480.696 χ^2/NDF : 3.7/10

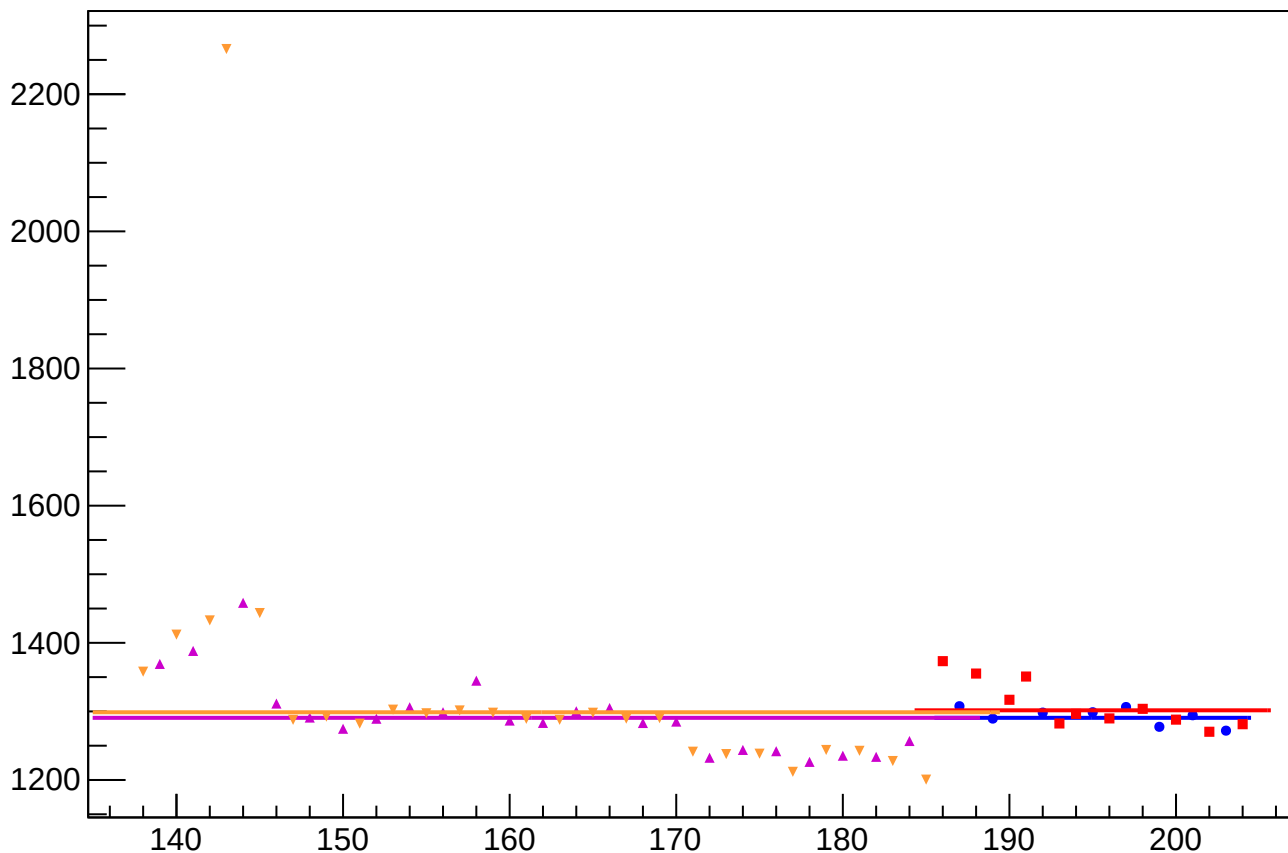
Left In: 212.071 ± 308.597 χ^2/NDF : 36.6/22

+ sign -658.786 ± 269.118 χ^2/NDF : 37.9/32

All: -331.565 ± 186.872 χ^2/NDF : 83.2/66

- sign -26.874 ± 259.689 χ^2/NDF : 42.4/33

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1290.645 ± 0.404 $\chi^2/\text{NDF}: 918.6/7$

Left Out: 1298.743 ± 0.216 $\chi^2/\text{NDF}: 310344.8/24$

Right Out: 1301.602 ± 0.340 $\chi^2/\text{NDF}: 7390.1/10$

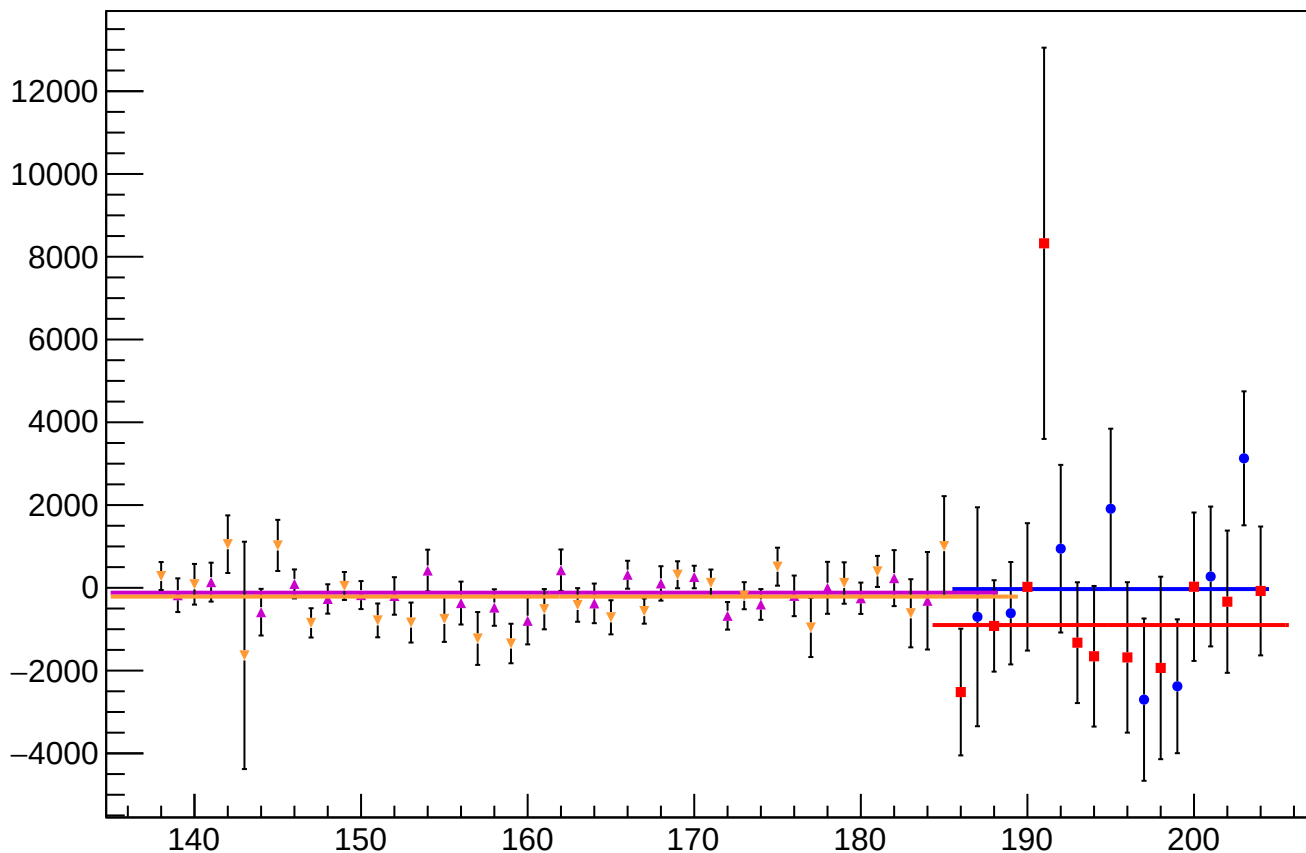
Left In: 1290.644 ± 0.218 $\chi^2/\text{NDF}: 59427.8/22$

+ sign 1296.945 ± 0.190 $\chi^2/\text{NDF}: 311576.2/32$

All: 1295.338 ± 0.132 $\chi^2/\text{NDF}: 379267.7/66$

- sign 1293.843 ± 0.184 $\chi^2/\text{NDF}: 67553.8/33$

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -29.993 $\pm$ 610.649 χ^2/NDF : 9.3/7

Left Out: -211.646 $\pm$ 87.670 χ^2/NDF : 41.7/24

Right Out: -899.119 $\pm$ 493.863 χ^2/NDF : 6.6/10

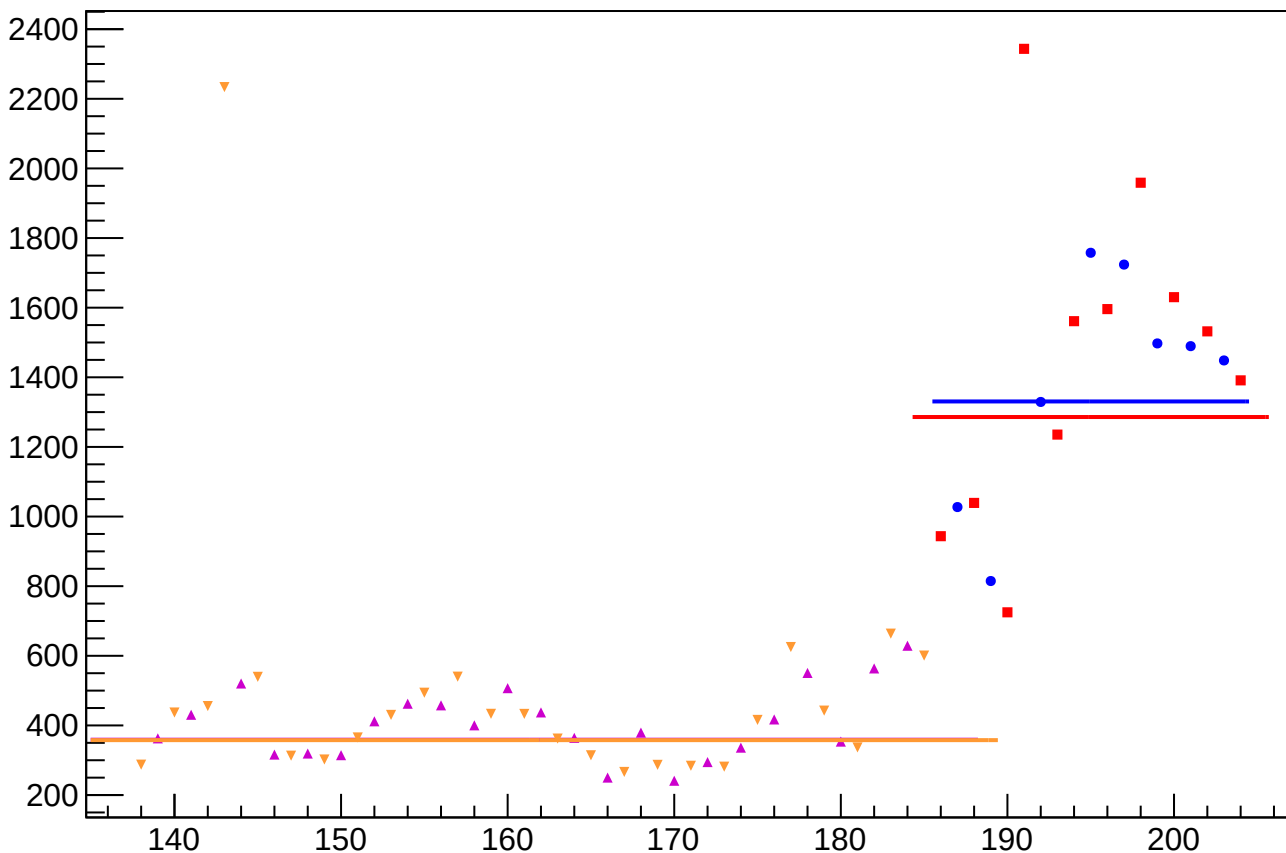
Left In: -117.113 $\pm$ 88.214 χ^2/NDF : 14.3/22

+ sign -207.977 $\pm$ 86.780 χ^2/NDF : 51.1/32

All: -174.657 $\pm$ 61.384 χ^2/NDF : 74.8/66

- sign -141.292 $\pm$ 86.840 χ^2/NDF : 23.4/33

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 1330.637 $\pm$ 0.432 χ^2 /NDF: 601349.2/7

Left Out: 357.749 $\pm$ 0.062 χ^2 /NDF:3042055.7/24

Right Out: 1285.902 $\pm$ 0.349 χ^2 /NDF: 989001.6/10

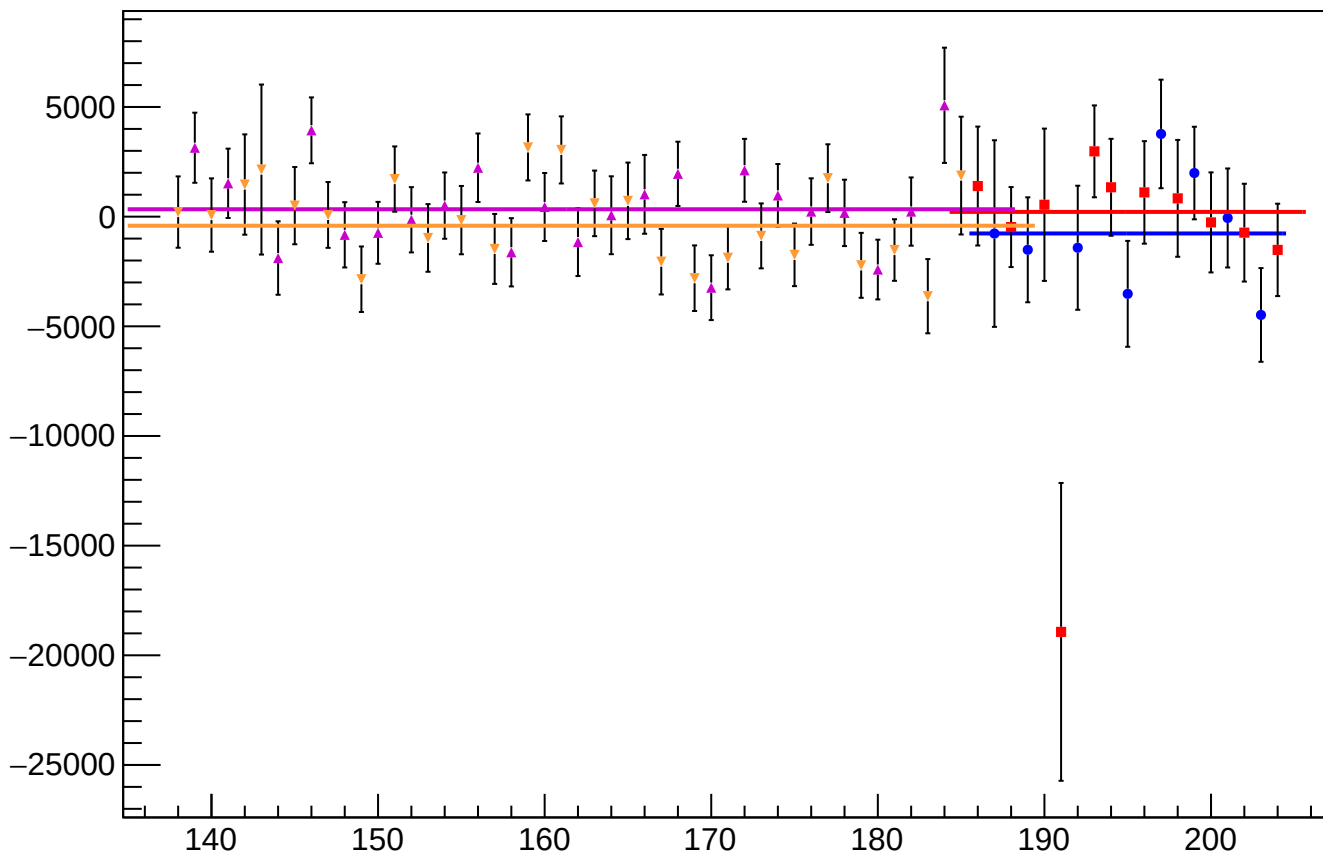
Left In: 359.000 $\pm$ 0.062 χ^2 /NDF:1858849.9/22

+ sign 377.397 $\pm$ 0.061 χ^2 /NDF: 8617466.7/32

All: 382.525 $\pm$ 0.043 χ^2 /NDF: 18306521.9/60

- sign 387.659 $\pm$ 0.061 χ^2 /NDF: 9675081.6/33

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -766.370+/-867.202 χ^2/NDF : 9.6/7

Left Out: -413.407+/-320.677 χ^2/NDF : 32.8/24

Right Out: 216.617+/-722.301 χ^2/NDF : 11.4/10

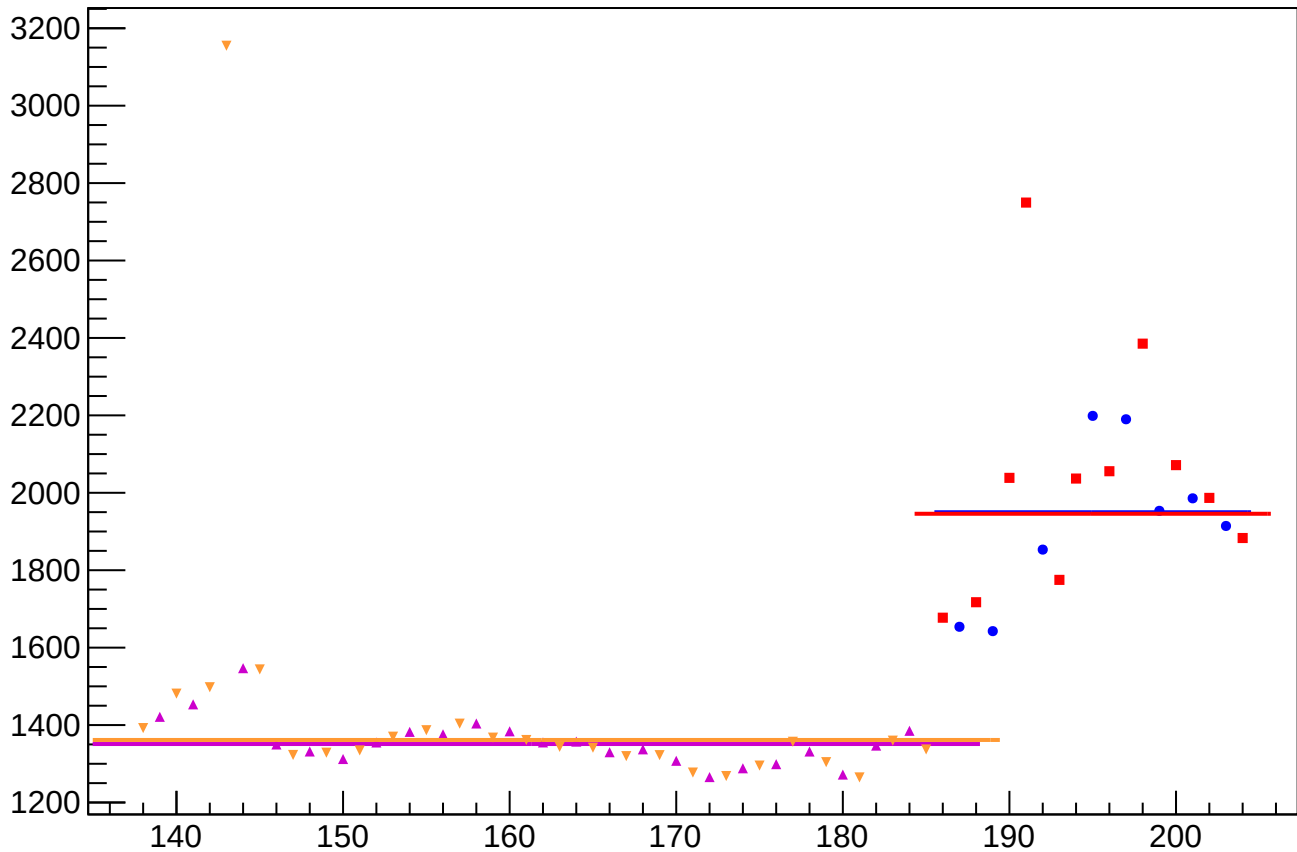
Left In: 337.193+/-323.023 χ^2/NDF : 32.8/22

+ sign -455.865+/-300.772 χ^2/NDF : 42.6/32

All: -61.738+/-210.563 χ^2/NDF : 90.1/66

- sign 317.097+/-294.878 χ^2/NDF : 44.2/33

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1949.725+/-0.613 χ^2/NDF : 86124.3/7

Left Out: 1361.511+/-0.227 χ^2/NDF : 507869.8/24

Right Out: 1945.818+/-0.511 χ^2/NDF : 164505.5/10

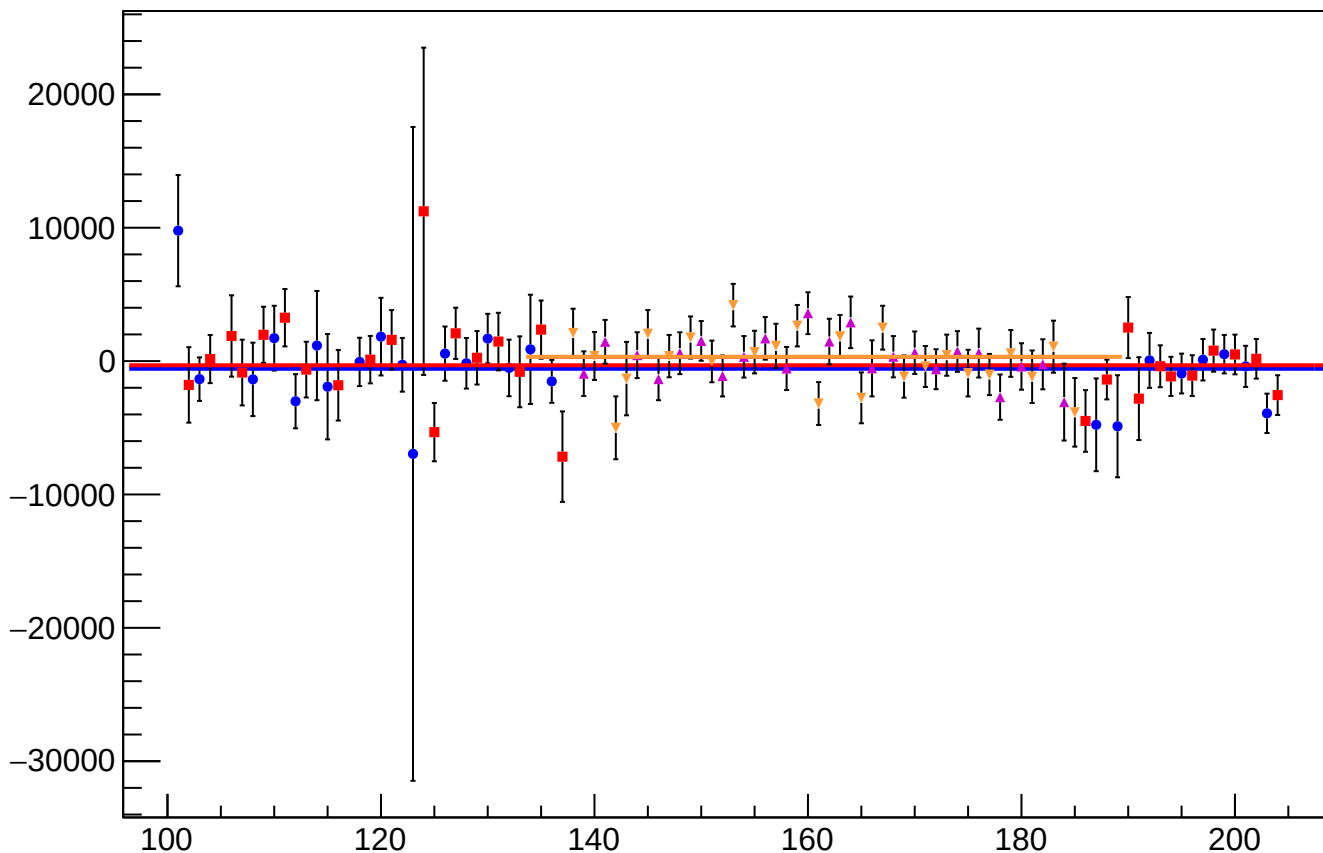
Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

+ sign 1432.267+/-0.213 χ^2/NDF : 1403461.8/32

All: 1441.384+/-0.149 χ^2/NDF : 2770767.8/60

- sign 1450.147+/-0.209 χ^2/NDF : 1363702.3/33

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -576.030+/-413.181 χ^2/NDF : 21.1/24

Left Out: 320.058+/-344.642 χ^2/NDF : 32.4/24

Right Out: -312.544+/-367.414 χ^2/NDF : 29.7/28

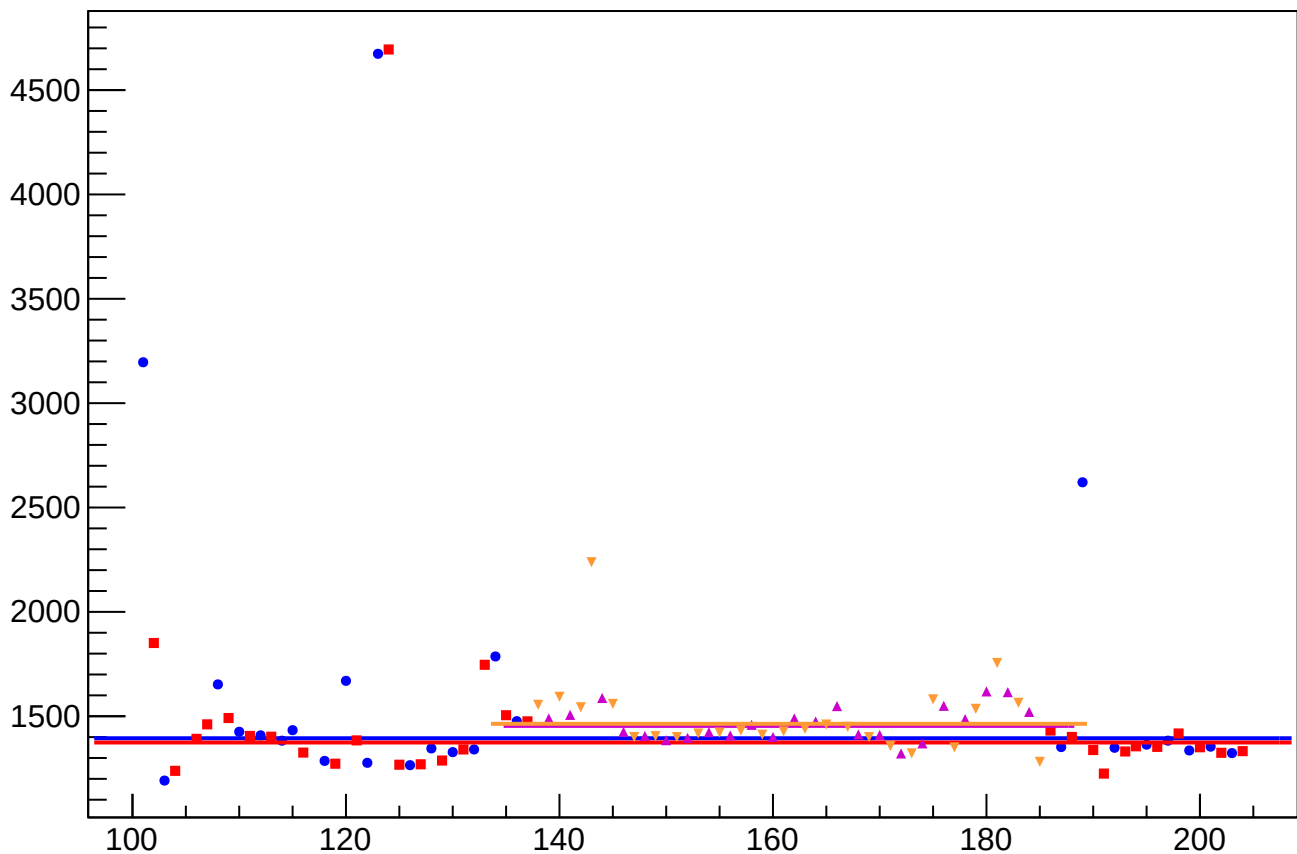
Left In: 310.833+/-348.292 χ^2/NDF : 16.8/22

+ sign -47.599+/-264.659 χ^2/NDF : 56.3/49

All: -14.450+/-182.794 χ^2/NDF : 104.4/101

- sign 15.788+/-252.770 χ^2/NDF : 48.1/51

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1394.507+/-0.292 χ^2/NDF : 743508.7/24

Left Out: 1463.714+/-0.244 χ^2/NDF : 310491.4/24

Right Out: 1374.180+/-0.260 χ^2/NDF : 309246.6/28

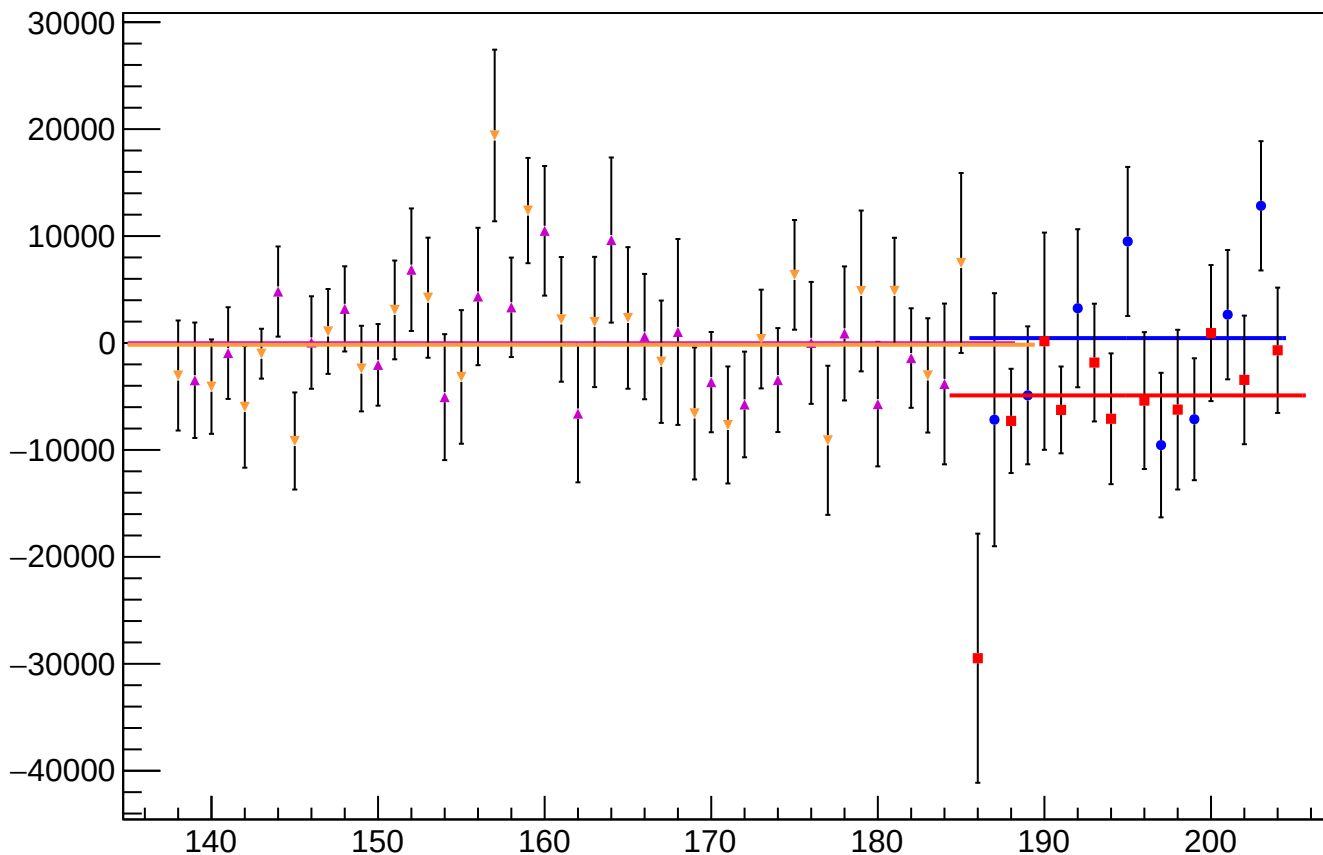
Left In: 1453.763+/-0.246 χ^2/NDF : 99224.2/22

+ sign 1435.319+/-0.187 χ^2/NDF : 1087088.9/49

All: 1425.259+/-0.129 χ^2/NDF : 1550520.0/100

- sign 1416.086+/-0.179 χ^2/NDF : 457906.7/51

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: 457.627 ± 2373.776 χ^2/NDF : 11.2/7

Left Out: -160.118 ± 989.347 χ^2/NDF : 29.7/24

Right Out: -4902.083 ± 1815.247 χ^2/NDF : 6.9/10

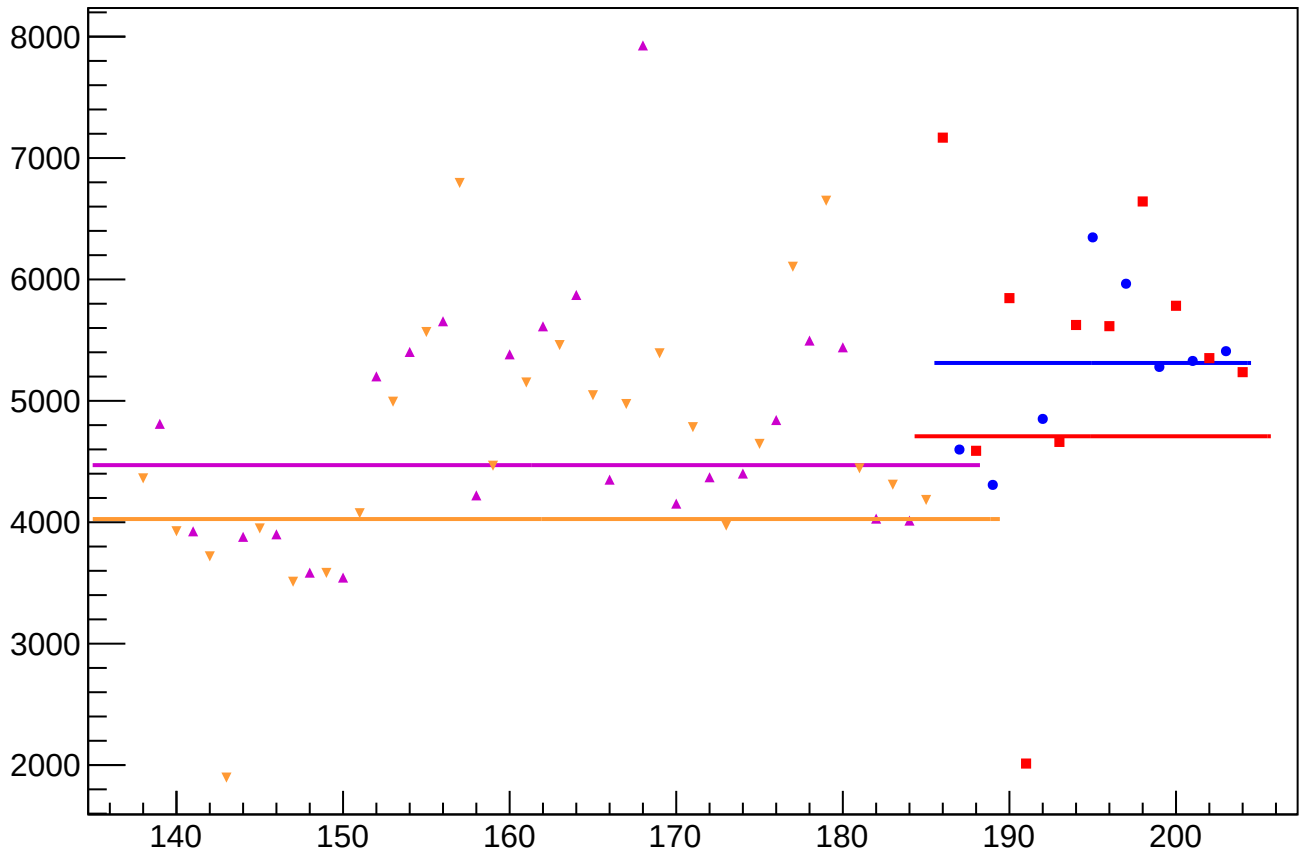
Left In: -26.926 ± 1085.415 χ^2/NDF : 15.3/22

+ sign -68.693 ± 913.206 χ^2/NDF : 41.0/32

All: -677.427 ± 652.133 χ^2/NDF : 69.4/66

- sign -1310.903 ± 931.580 χ^2/NDF : 27.5/33

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 5312.115+/-1.679 χ^2/NDF : 126835.9/7

Left Out: 4026.447+/-0.700 χ^2/NDF : 3071265.0/24

Right Out: 4708.235+/-1.284 χ^2/NDF : 1313799.9/10

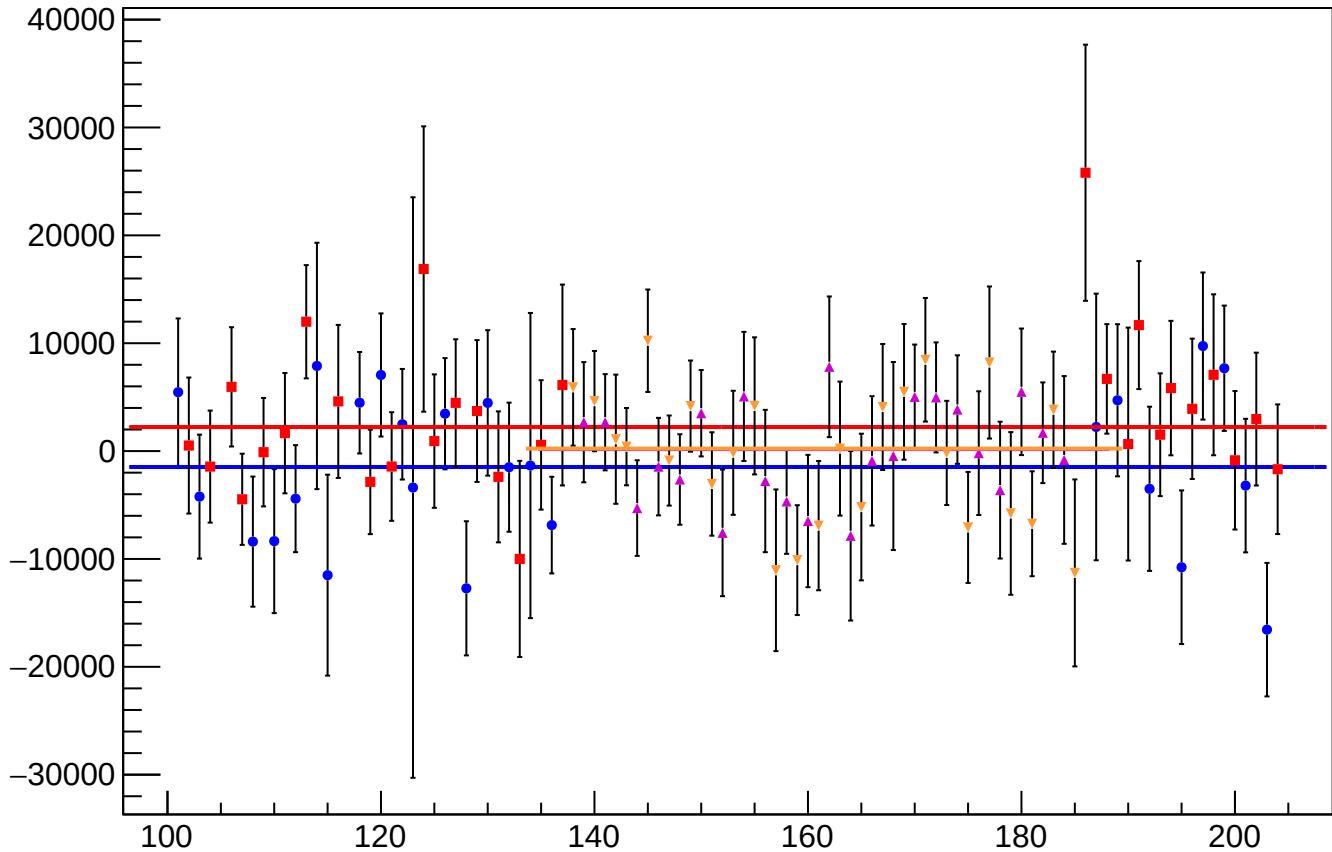
Left In: 4470.490+/-0.768 χ^2/NDF : 1132495.2/22

+ sign 4216.724+/-0.646 χ^2/NDF : 3697961.0/32

All: 4371.764+/-0.461 χ^2/NDF : 6287165.0/66

- sign 4533.105+/-0.659 χ^2/NDF : 2471566.4/33

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1476.904 ± 1278.335 χ^2/NDF : 30.5/24

Left Out: 229.897 ± 1073.528 χ^2/NDF : 28.1/24

Right Out: 2230.786 ± 1130.410 χ^2/NDF : 21.9/28

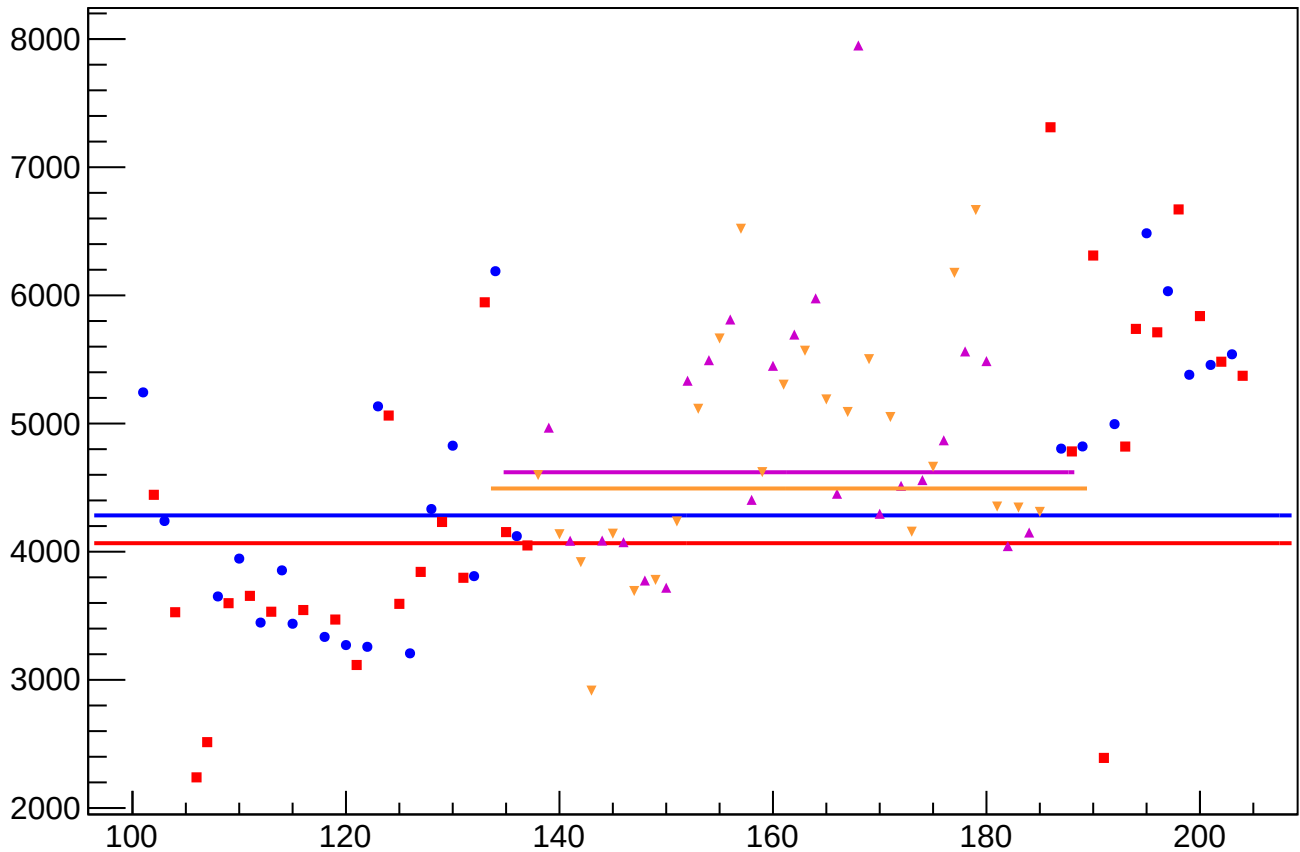
Left In: 185.280 ± 1119.296 χ^2/NDF : 14.3/22

+ sign -475.989 ± 822.092 χ^2/NDF : 59.7/49

All: 388.625 ± 571.622 χ^2/NDF : 99.6/101

- sign 1197.928 ± 795.362 χ^2/NDF : 37.8/51

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 4283.207+/-0.904 χ^2/NDF : 1101807.7/24

Left Out: 4493.314+/-0.759 χ^2/NDF : 1309134.5/24

+ sign 4406.417+/-0.581 χ^2/NDF : 2442626.6/49

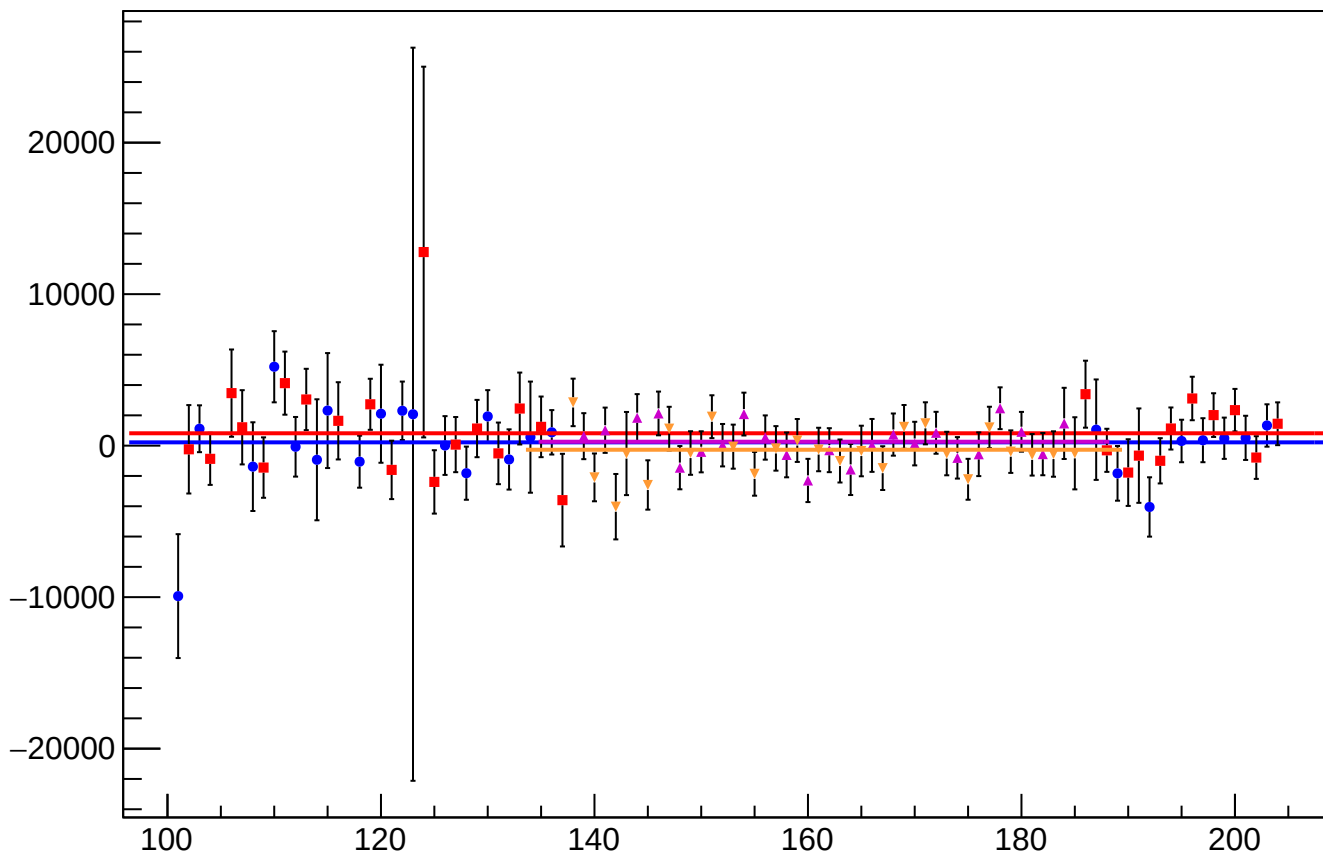
Right Out: 4066.384+/-0.794 χ^2/NDF : 2198444.3/28

All: 4374.186+/-0.404 χ^2/NDF : 5892658.1/10

- sign 4344.199+/-0.561 χ^2/NDF : 3444096.8/51

Left In: 4619.952+/-0.791 χ^2/NDF : 1001966.3/22

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 217.441 $\pm$ 384.914 χ^2 /NDF: 23.5/24

Left Out: -270.523 $\pm$ 302.030 χ^2 /NDF:22.2/24

Right Out: 816.538 $\pm$ 347.277 χ^2 /NDF: 27.6/28

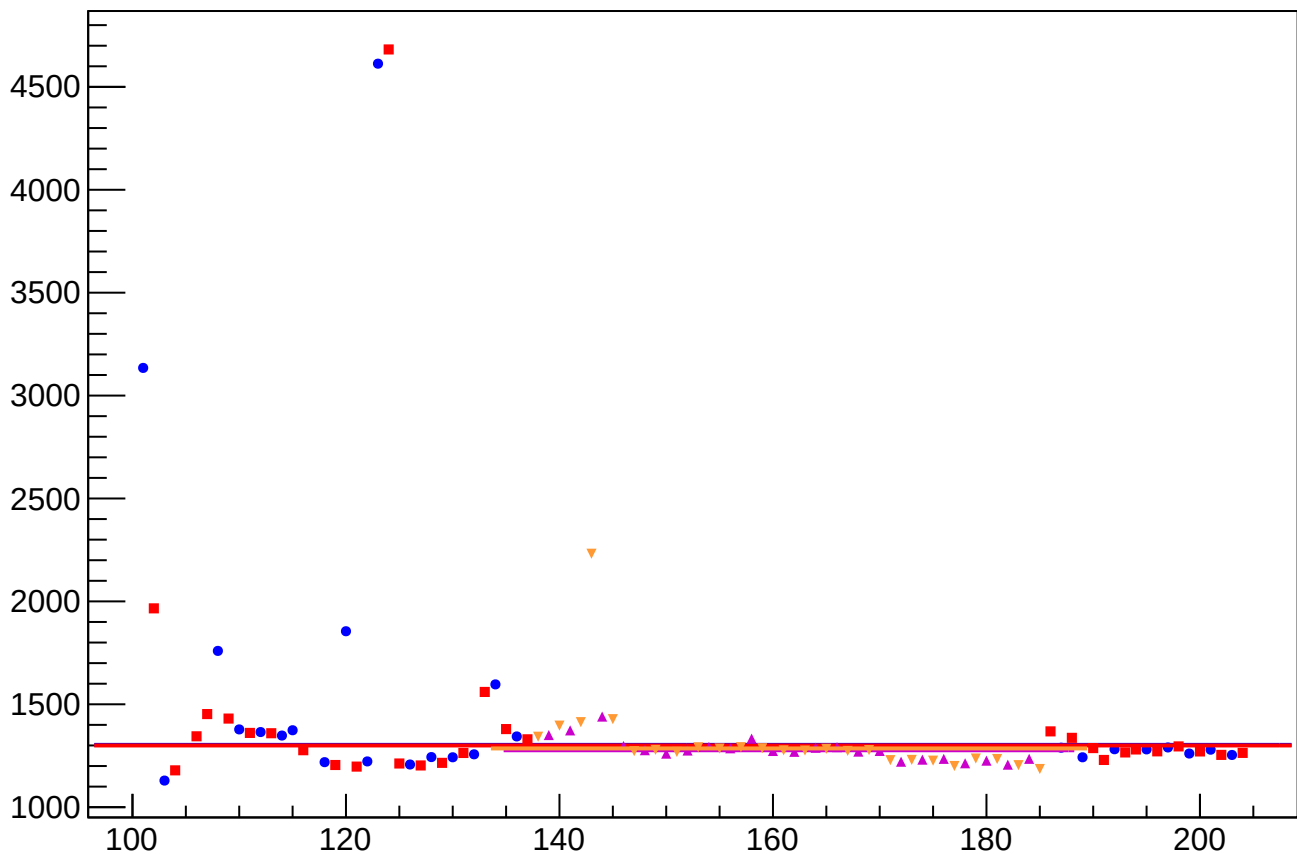
Left In: 258.285 $\pm$ 305.289 χ^2 /NDF:16.0/22

+ sign -84.572 $\pm$ 237.613 χ^2 /NDF: 46.7/49

All: 218.983 $\pm$ 164.995 χ^2 /NDF: 94.8/101

- sign 501.640 $\pm$ 229.288 χ^2 /NDF: 45.0/51

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1302.741 $\pm$ 0.272 χ^2 /NDF: 617160.8/24

Left Out: 1285.574 $\pm$ 0.214 χ^2 /NDF: 306057.6/24

Right Out: 1299.946 $\pm$ 0.246 χ^2 /NDF: 351460.7/28

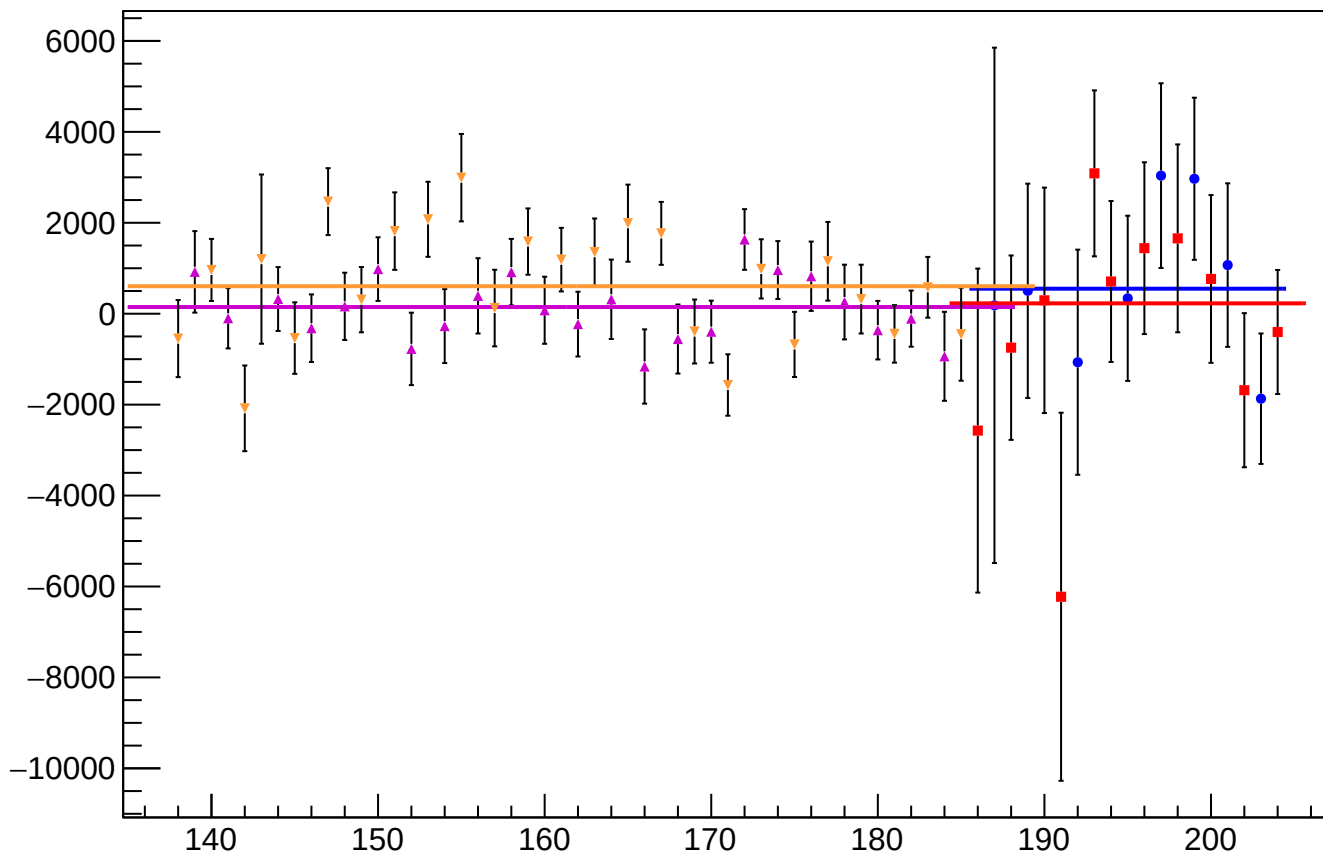
Left In: 1276.755 $\pm$ 0.216 χ^2 /NDF: 59434.2/22

+ sign 1292.116 $\pm$ 0.168 χ^2 /NDF: 925680.4/49

All: 1289.397 $\pm$ 0.117 χ^2 /NDF: 1342112.1/10

- sign 1286.864 $\pm$ 0.162 χ^2 /NDF: 415925.8/51

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 550.291 ± 701.976 χ^2/NDF : 6.7/7

Left Out: 605.167 ± 153.922 χ^2/NDF : 60.0/24

Right Out: 228.044 ± 591.444 χ^2/NDF : 8.4/10

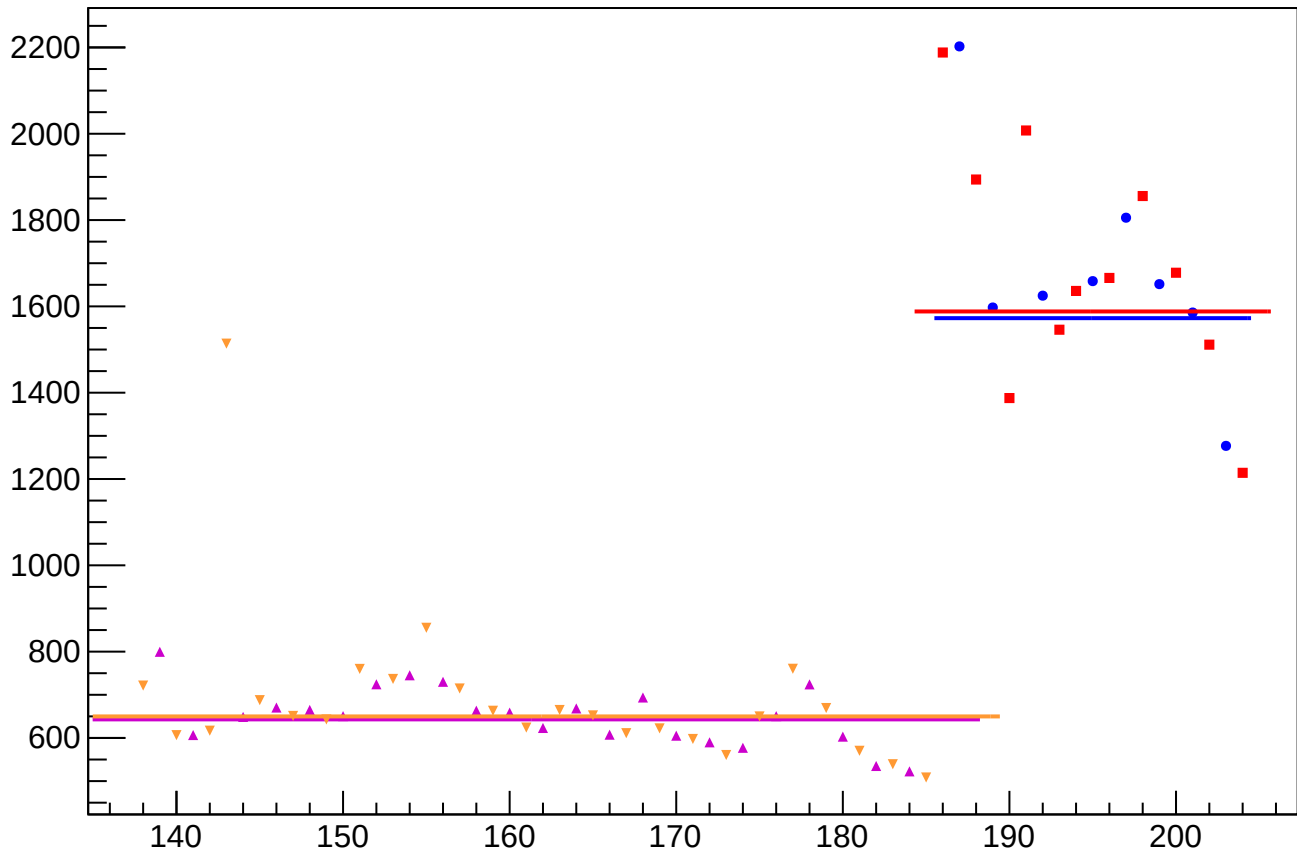
Left In: 147.044 ± 154.051 χ^2/NDF : 19.4/22

+ sign 602.649 ± 150.350 χ^2/NDF : 66.7/32

All: 375.505 ± 105.861 χ^2/NDF : 99.0/66

- sign 152.190 ± 149.077 χ^2/NDF : 27.8/33

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1572.701 $\pm$ 0.496 χ^2/NDF : 145642.7/7

Left Out: 649.866 $\pm$ 0.109 χ^2/NDF : 840823.5/24

Right Out: 1588.238 $\pm$ 0.418 χ^2/NDF : 335250.5/10

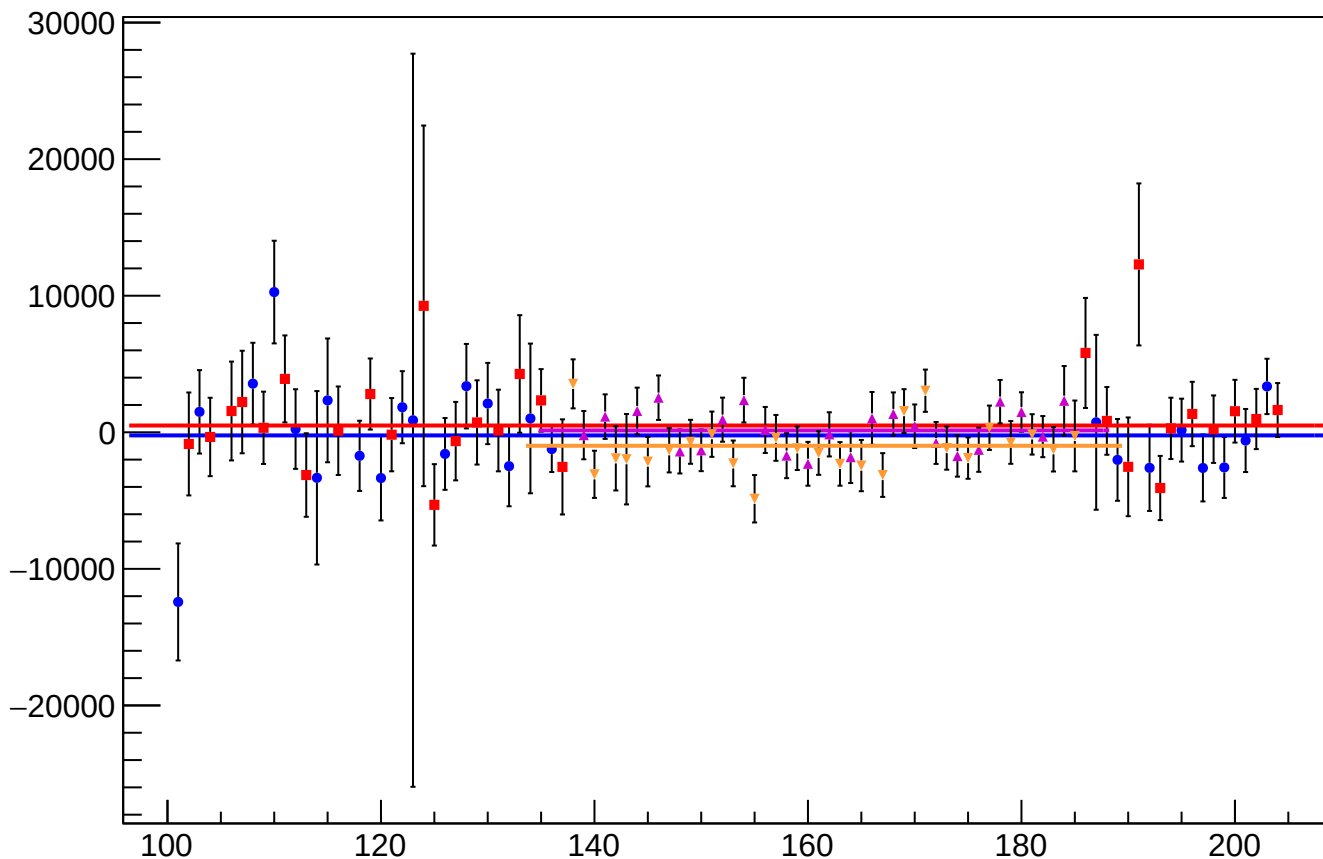
Left In: 643.008 $\pm$ 0.109 χ^2/NDF : 323844.6/22

+ sign 692.200 $\pm$ 0.106 χ^2/NDF : 4284375.8/32

All: 697.677 $\pm$ 0.075 χ^2/NDF : 9732509.0/66

- sign 703.061 $\pm$ 0.105 χ^2/NDF : 5442870.6/33

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -227.953 ± 575.010 χ^2/NDF : 29.8/24

Left Out: -987.247 ± 339.757 χ^2/NDF : 28.5/24

Right Out: 496.380 ± 530.194 χ^2/NDF : 21.5/28

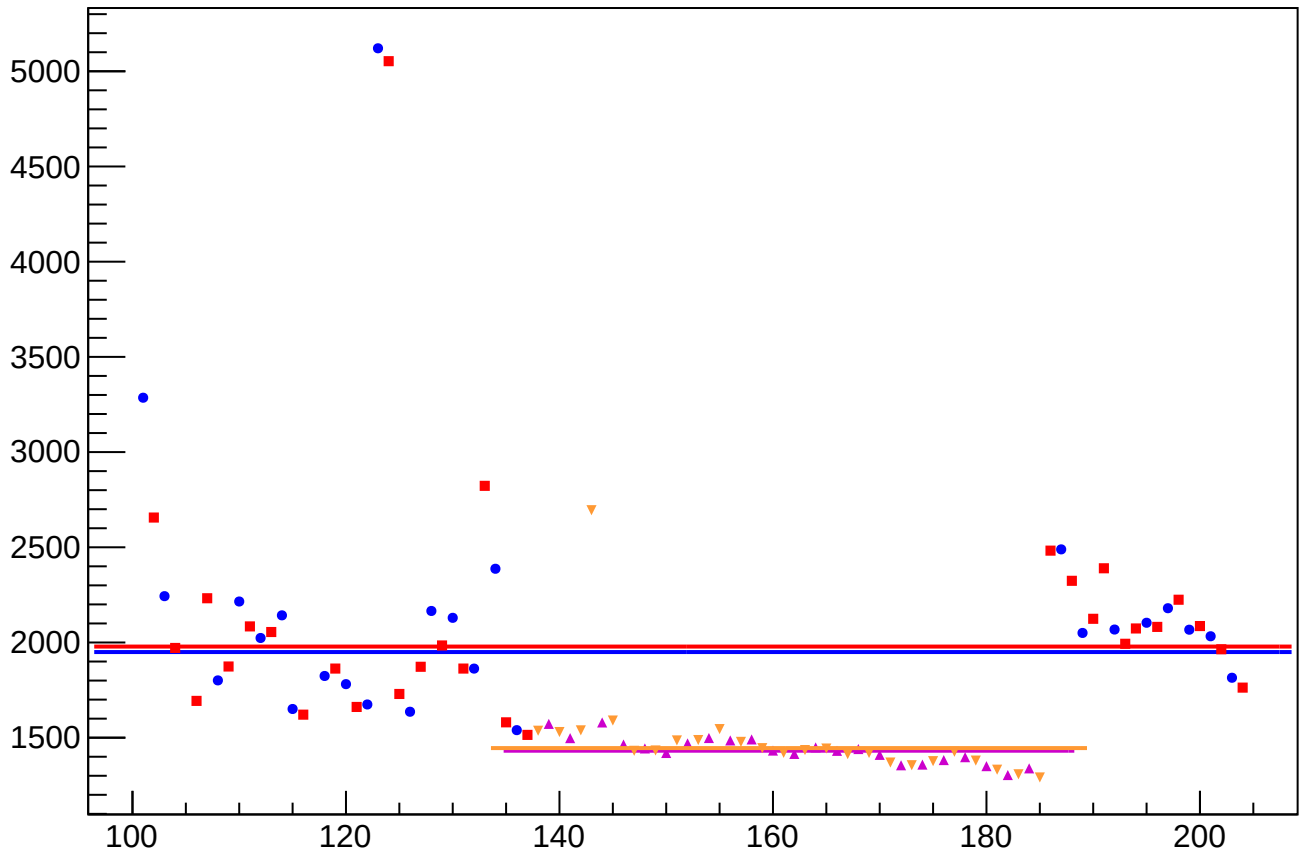
Left In: 137.780 ± 342.262 χ^2/NDF : 18.8/22

+ sign -790.756 ± 292.510 χ^2/NDF : 59.6/49

All: -264.909 ± 205.060 χ^2/NDF : 106.5/101

- sign 243.260 ± 287.552 χ^2/NDF : 40.6/51

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1949.780 $\pm$ 0.407 χ^2 /NDF: 542046.4/24

Left Out: 1445.418 $\pm$ 0.240 χ^2 /NDF: 374859.2/24

Right Out: 1978.590 $\pm$ 0.375 χ^2 /NDF: 588667.1/28

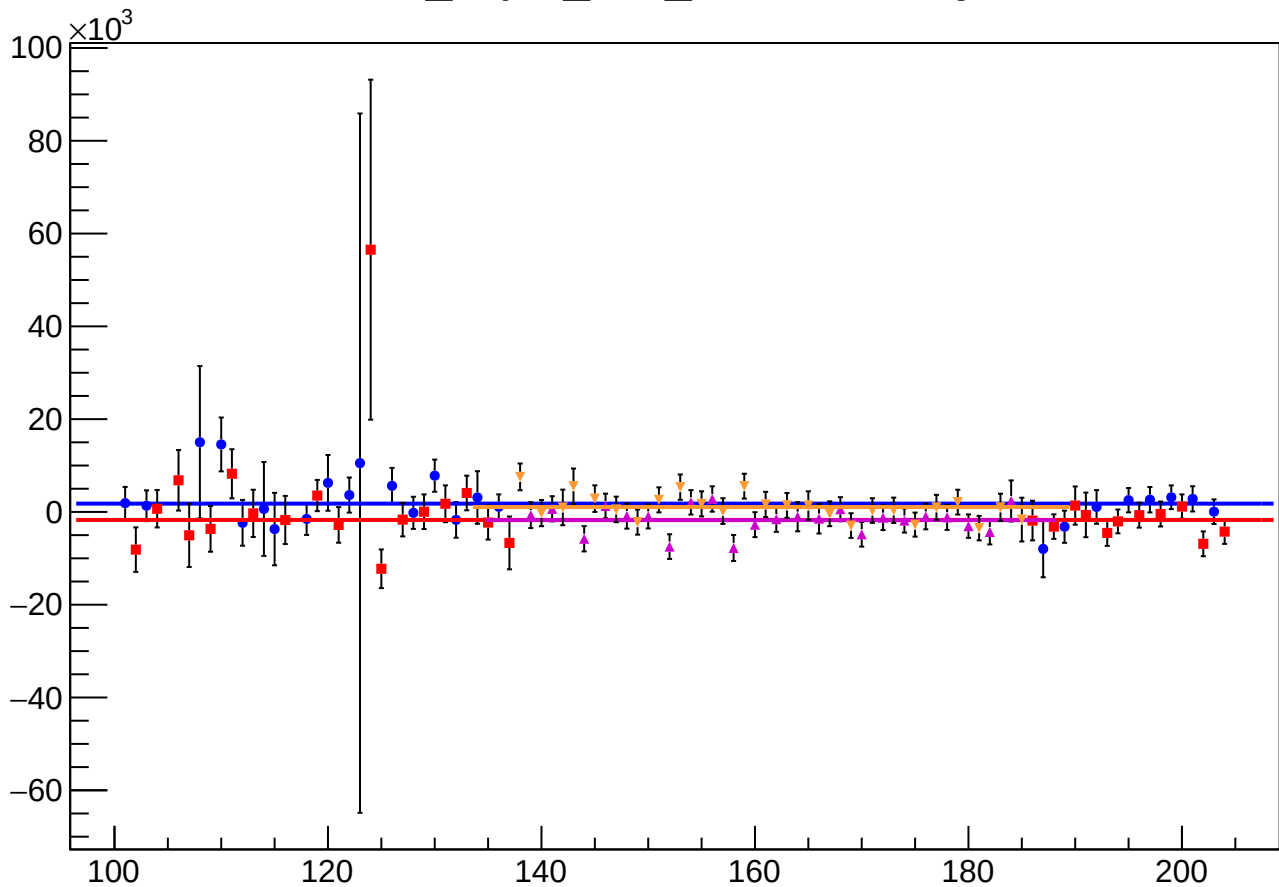
Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

+ sign 1575.938 $\pm$ 0.207 χ^2 /NDF: 2057454.4/49

All: 1584.381 $\pm$ 0.145 χ^2 /NDF: 4229433.9/10

- sign 1592.541 $\pm$ 0.203 χ^2 /NDF: 2168702.6/51

dit_asym_atl1_mean vs Slug



Right In: 1788.646 ± 741.180 χ^2/NDF : 19.4/24

Left Out: 1057.276 ± 566.243 χ^2/NDF : 22.7/24

Right Out: -1726.501 ± 675.343 χ^2/NDF : 31.6/28

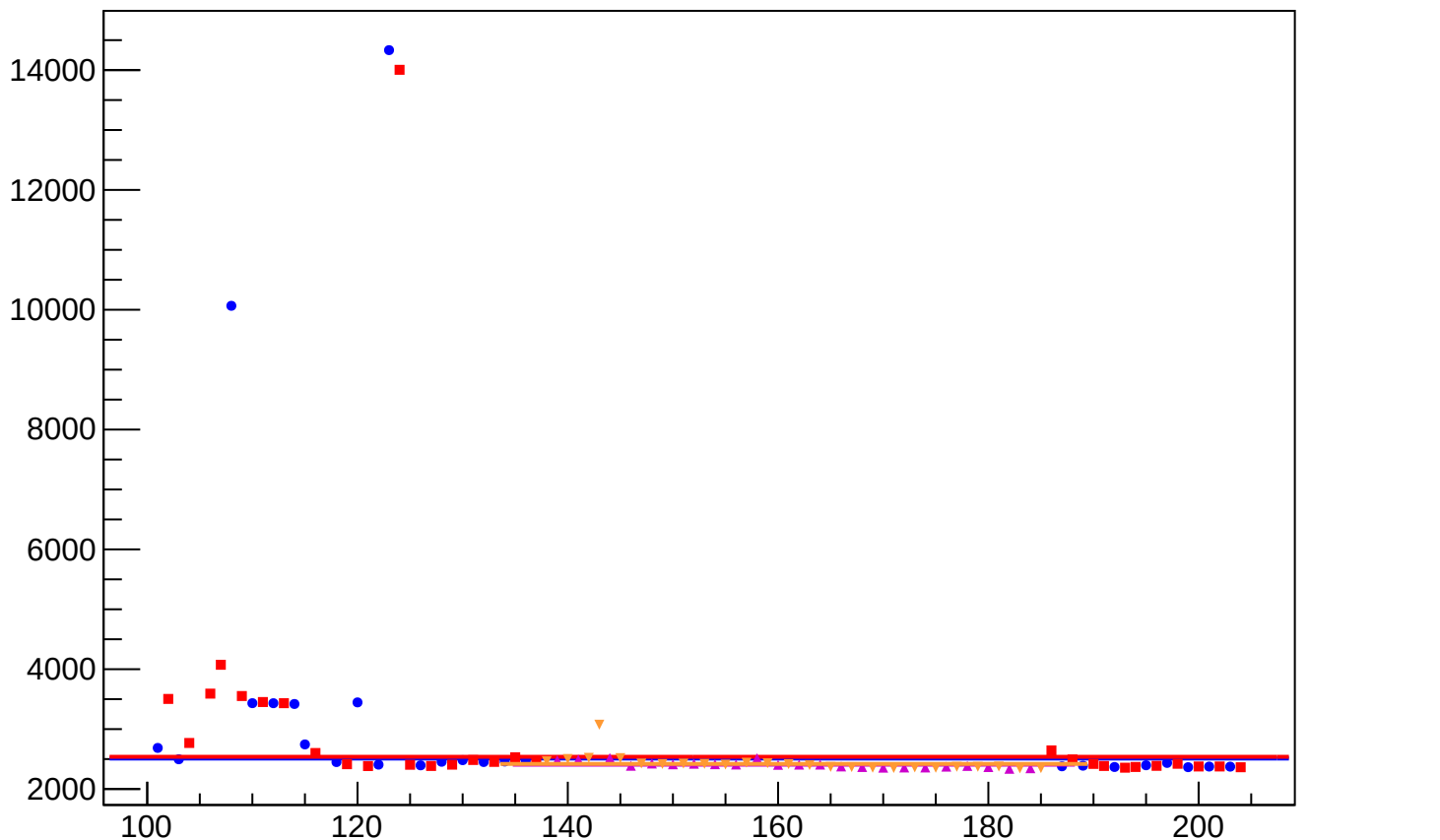
Left In: -1762.122 ± 574.660 χ^2/NDF : 23.2/22

+ sign 1326.822 ± 449.958 χ^2/NDF : 42.7/49

All: -252.759 ± 313.729 χ^2/NDF : 121.5/101

- sign -1747.162 ± 437.658 χ^2/NDF : 54.9/51

dit_asym_atl1_rms vs Slug



Right In: 2509.044+/-0.524 χ^2/NDF : 698294.1/24

Left Out: 2418.972+/-0.400 χ^2/NDF : 74779.7/24

Right Out: 2537.987+/-0.478 χ^2/NDF : 715442.6/28

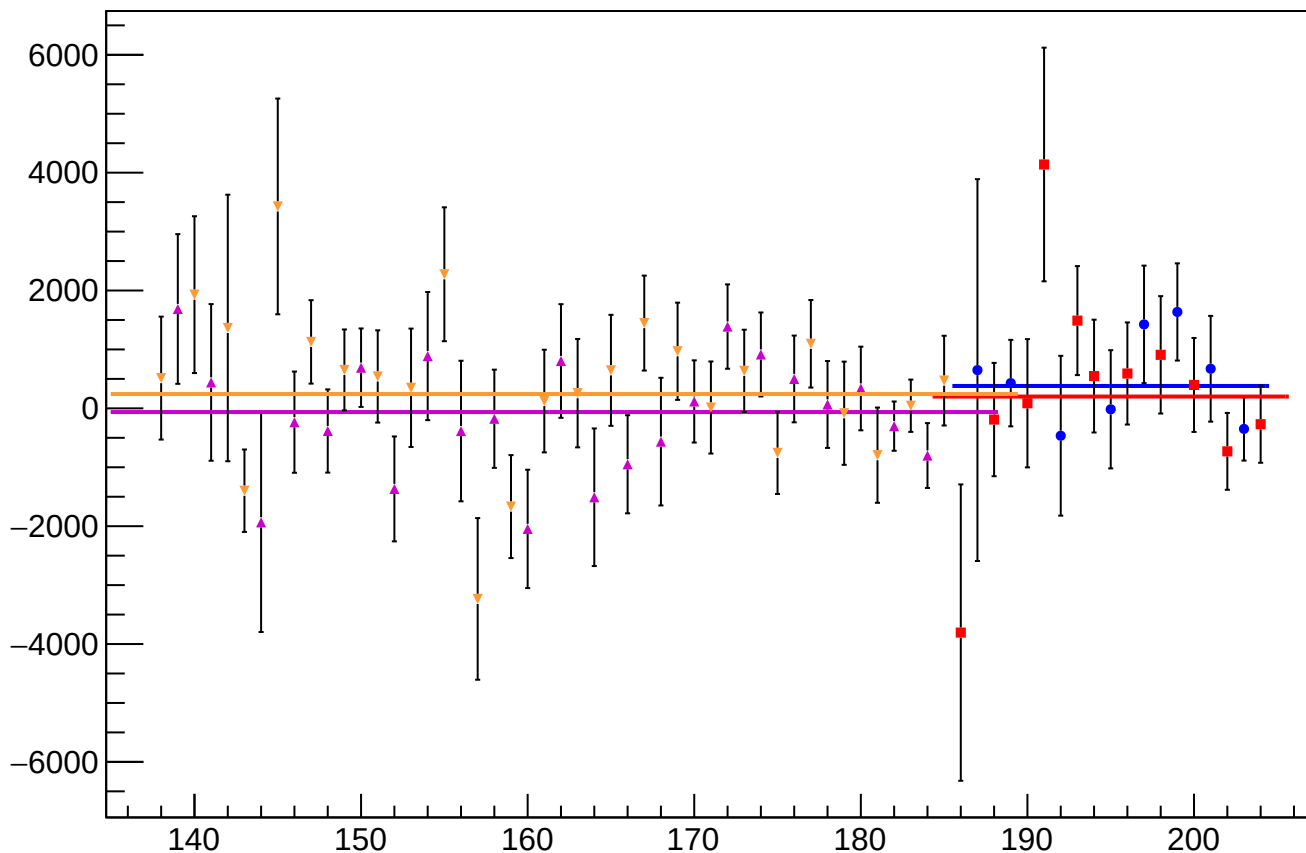
Left In: 2406.443+/-0.406 χ^2/NDF : 15245.2/22

+ sign 2452.168+/-0.318 χ^2/NDF : 791724.6/49

All: 2457.060+/-0.222 χ^2/NDF : 1566884.0/10

- sign 2461.688+/-0.309 χ^2/NDF : 774699.4/51

asym_atl1_correction_mean vs Slug



Right In: 379.957 ± 306.179 χ^2/NDF : 5.9/7

Left Out: 243.135 ± 163.940 χ^2/NDF : 36.0/24

Right Out: 200.344 ± 275.312 χ^2/NDF : 12.0/10

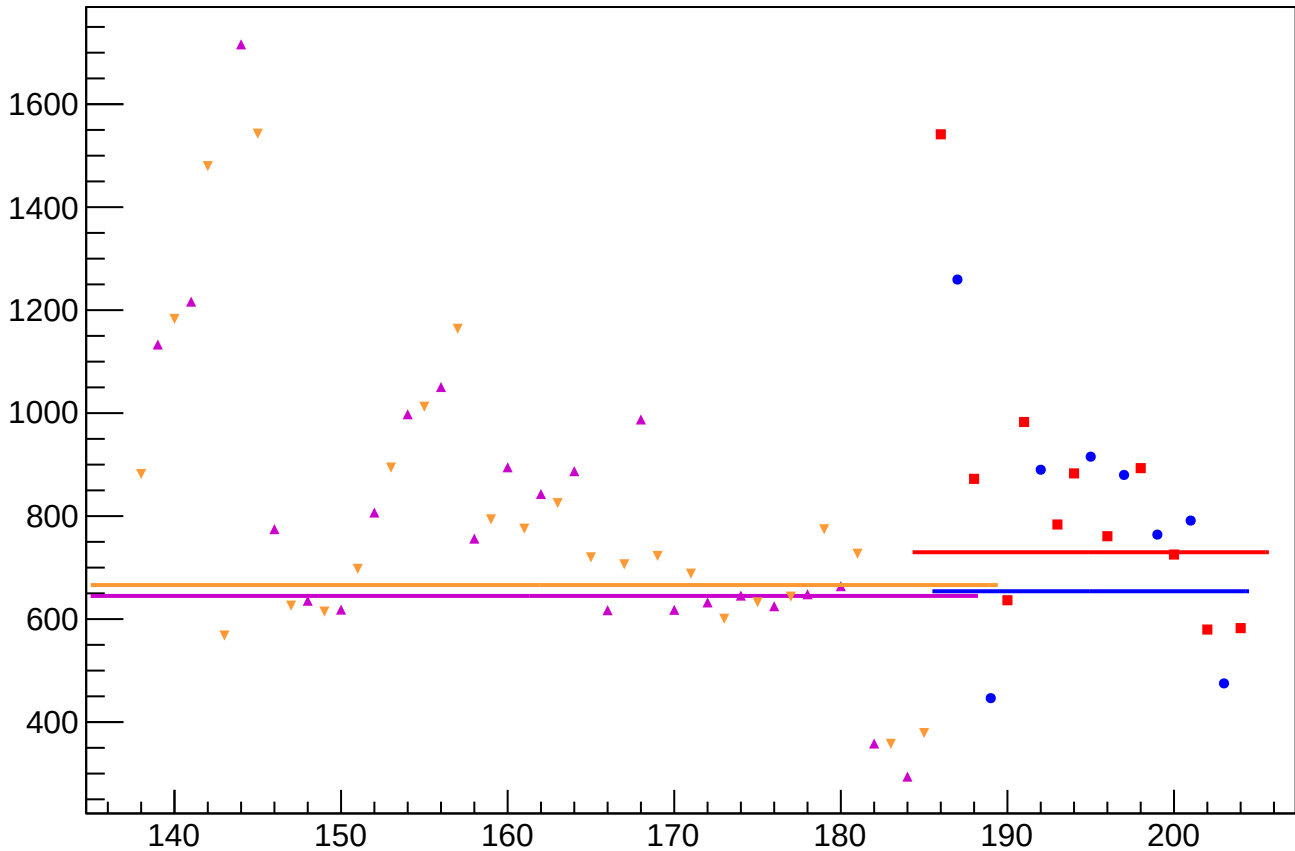
Left In: -62.569 ± 164.169 χ^2/NDF : 24.3/22

+ sign 273.621 ± 144.527 χ^2/NDF : 42.1/32

All: 136.711 ± 100.927 χ^2/NDF : 80.8/66

- sign 6.394 ± 141.003 χ^2/NDF : 37.0/33

asym_atl1_correction_rms vs Slug



Right In: 654.069 $\pm$ 0.217 χ^2 /NDF: 832708.6/7

Left Out: 666.133 $\pm$ 0.116 χ^2 /NDF: 3190574.7/24

Right Out: 729.866 $\pm$ 0.195 χ^2 /NDF: 621122.9/10

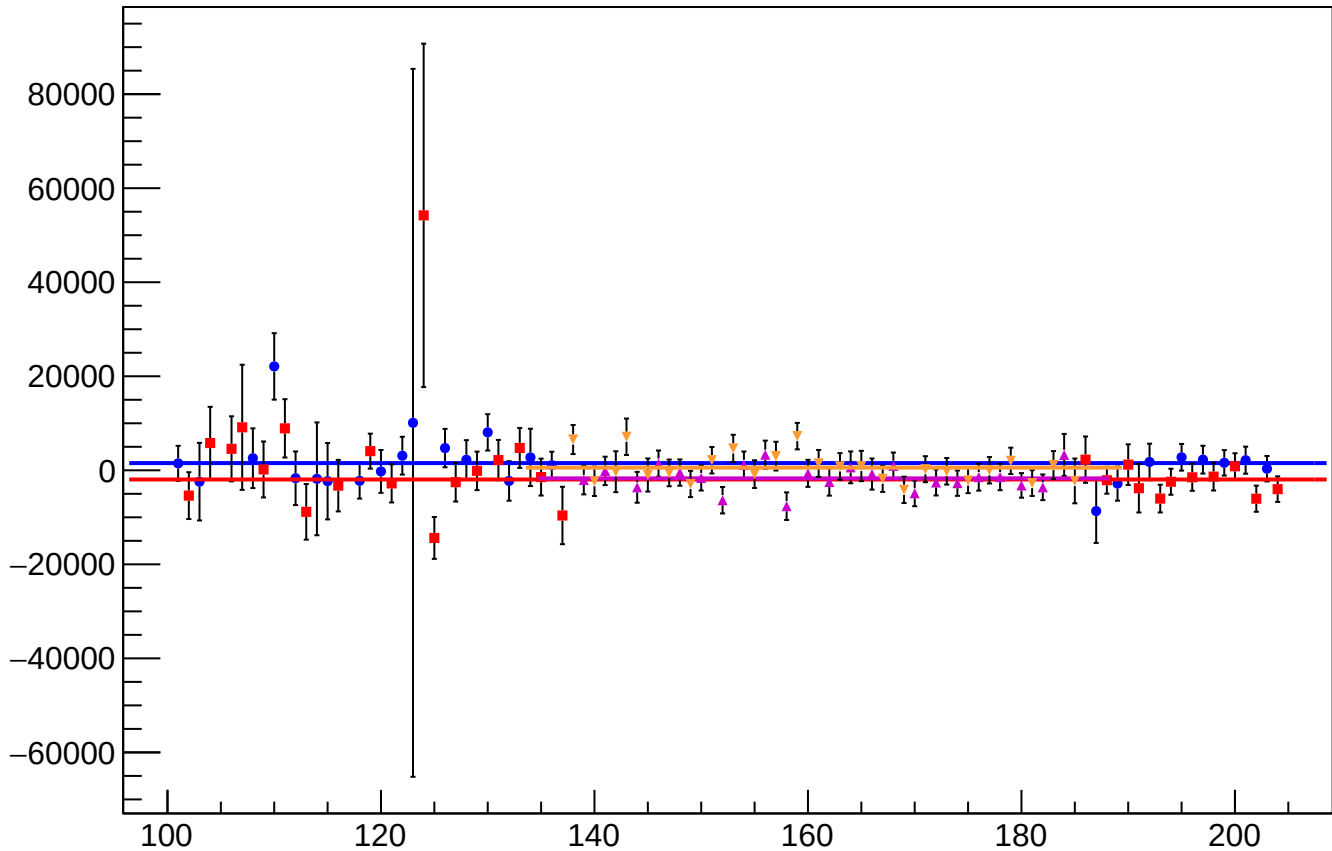
Left In: 645.011 $\pm$ 0.116 χ^2 /NDF: 4176295.6/22

+ sign 663.445 $\pm$ 0.102 χ^2 /NDF: 4025696.6/32

All: 665.404 $\pm$ 0.071 χ^2 /NDF: 8963985.4/66

- sign 667.269 $\pm$ 0.100 χ^2 /NDF: 4937571.3/33

asym_atl1_mean vs Slug



Right In: 1533.633 $\pm$ 803.172 χ^2 /NDF: 19.2/24

Left Out: 566.778 $\pm$ 598.308 χ^2 /NDF: 25.2/24

Right Out: -1953.168 $\pm$ 737.917 χ^2 /NDF: 32.9/28

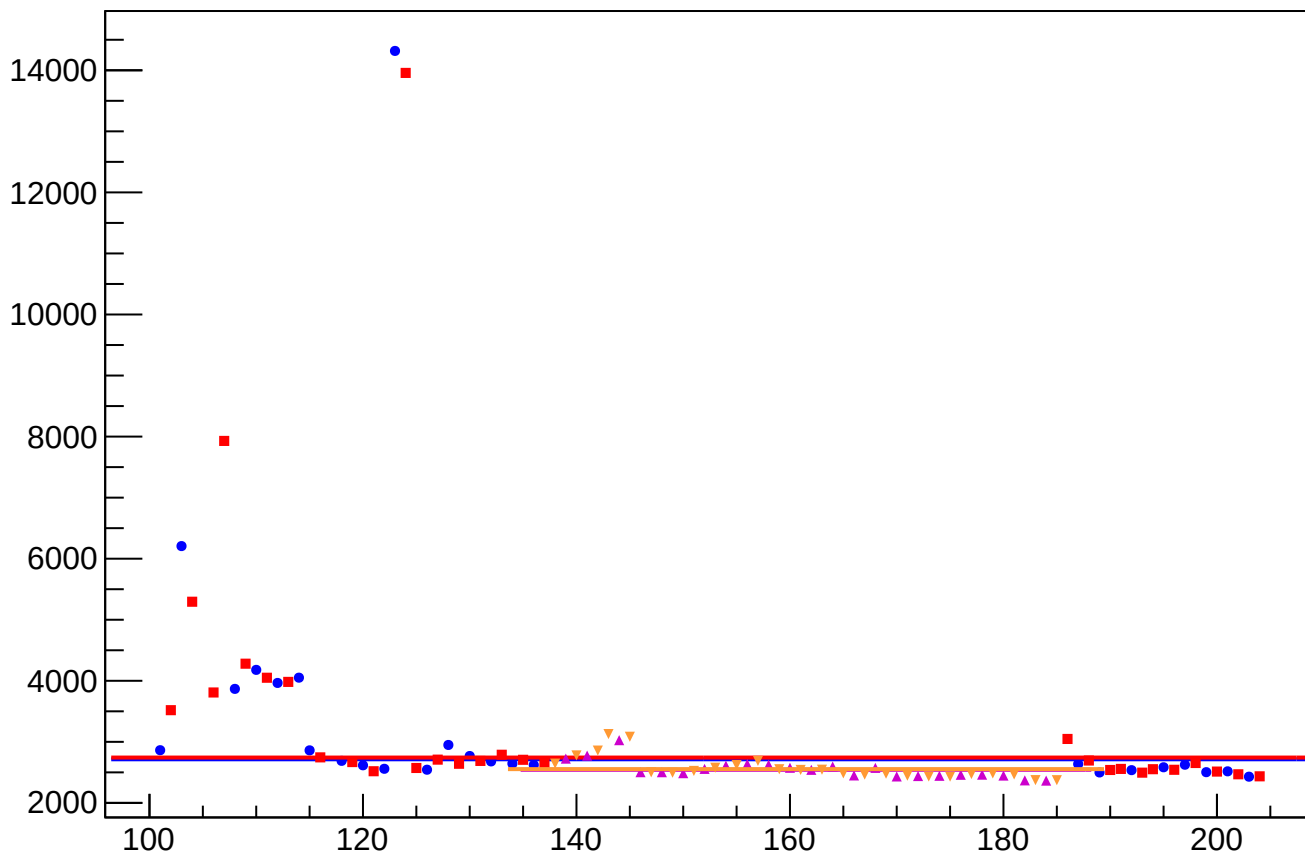
Left In: -1713.317 $\pm$ 607.775 χ^2 /NDF: 18.1/22

+ sign 911.830 $\pm$ 479.811 χ^2 /NDF: 45.4/49

All: -479.836 $\pm$ 335.440 χ^2 /NDF: 112.8/101

- sign -1810.261 $\pm$ 469.135 χ^2 /NDF: 51.0/51

asym_atl1_rms vs Slug



Right In: 2714.126+/-0.568 χ^2/NDF : 760747.2/24

Left Out: 2553.097+/-0.423 χ^2/NDF : 148430.5/24

Right Out: 2742.725+/-0.522 χ^2/NDF : 1239770.6/28

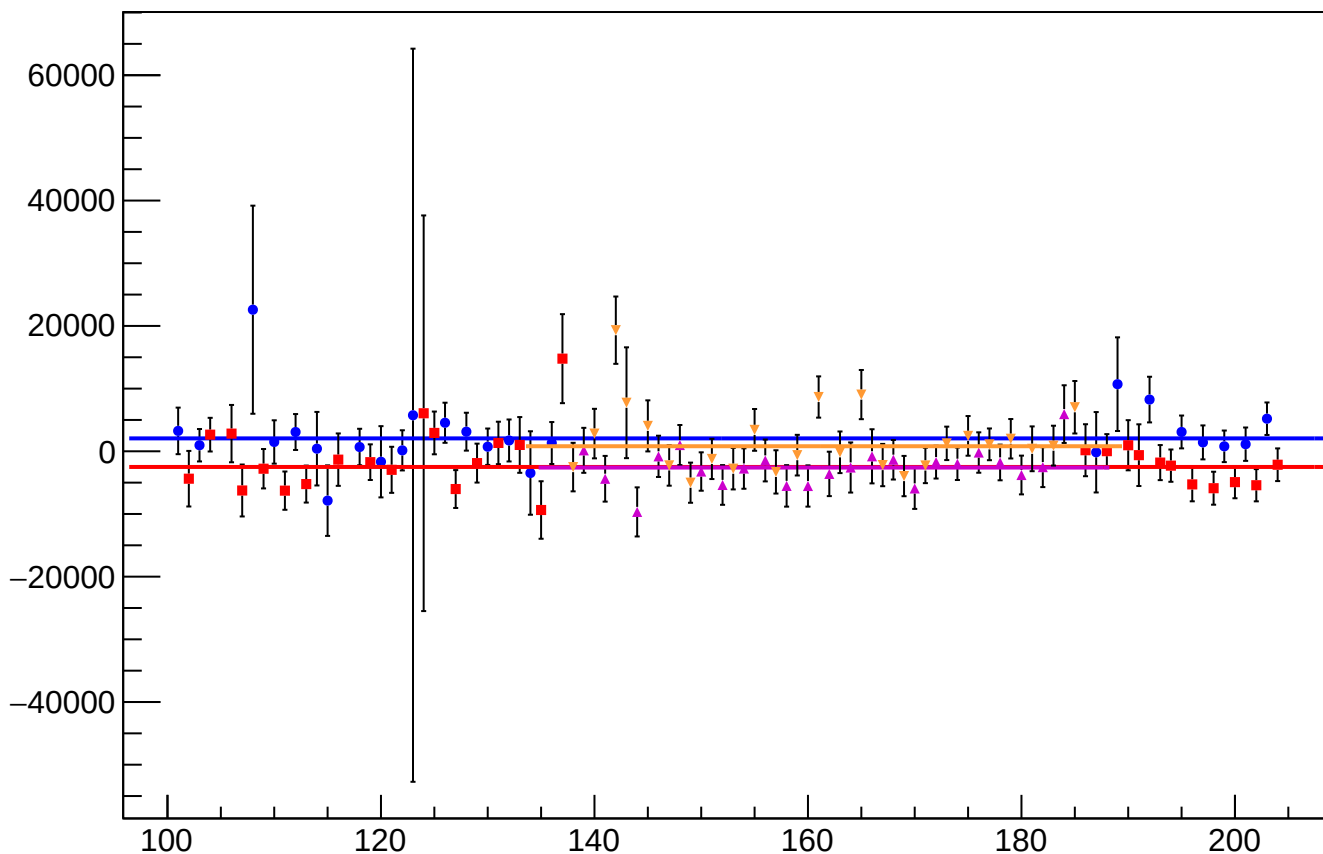
Left In: 2541.950+/-0.430 χ^2/NDF : 97238.4/22

+ sign 2610.565+/-0.339 χ^2/NDF : 960880.2/49

All: 2616.974+/-0.237 χ^2/NDF : 2386802.8/10

- sign 2623.100+/-0.332 χ^2/NDF : 1425224.6/51

dit_asym_atl2_mean vs Slug



Right In: 2058.453 ± 688.035 χ^2/NDF : 14.3/24

Left Out: 807.297 ± 677.513 χ^2/NDF : 39.1/24

Right Out: -2499.506 ± 610.063 χ^2/NDF : 29.8/28

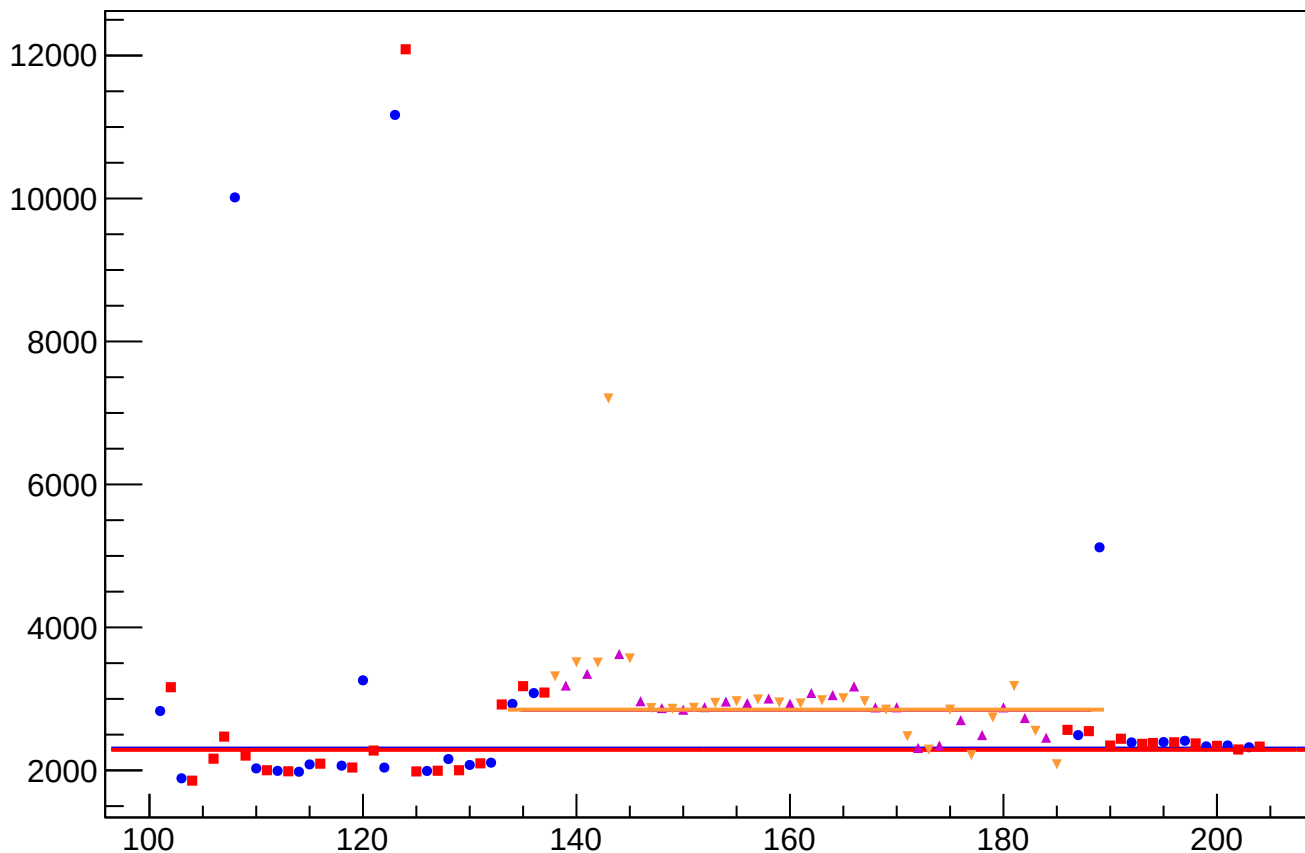
Left In: -2595.551 ± 683.824 χ^2/NDF : 14.0/22

+ sign 1423.235 ± 482.751 χ^2/NDF : 55.1/49

All: -675.653 ± 331.199 χ^2/NDF : 134.6/101

- sign -2542.071 ± 455.232 χ^2/NDF : 43.8/51

dit_asym_atl2_rms vs Slug



Right In: 2304.954+/-0.487 χ^2/NDF : 1160634.3/24

Left Out: 2849.256+/-0.479 χ^2/NDF : 1034478.3/24

Right Out: 2287.323+/-0.431 χ^2/NDF : 627662.5/28

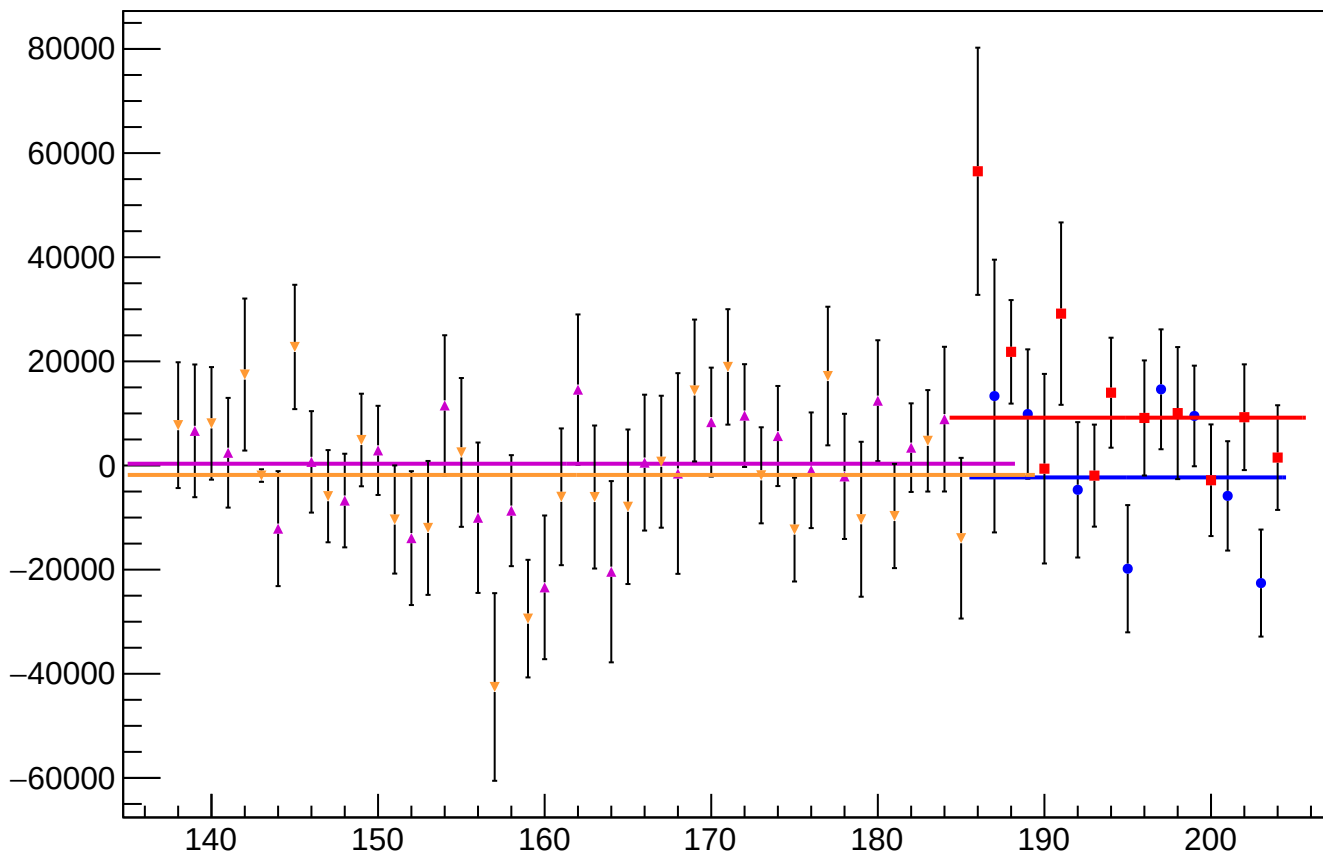
Left In: 2844.779+/-0.484 χ^2/NDF : 383776.8/22

+ sign 2581.298+/-0.341 χ^2/NDF : 2830590.0/49

All: 2556.402+/-0.234 χ^2/NDF : 4592403.0/10

- sign 2534.272+/-0.322 χ^2/NDF : 1751765.2/51

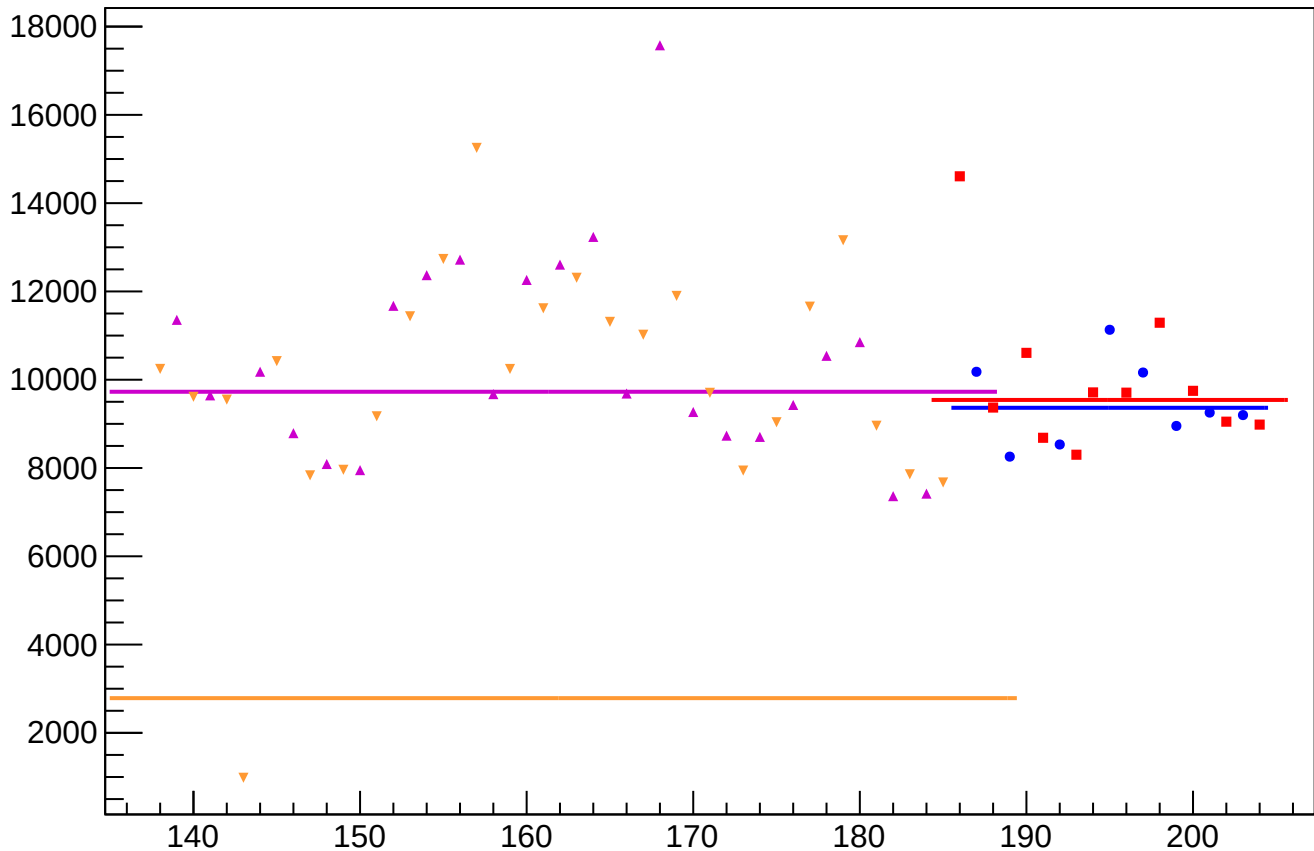
asym_atl2_correction_mean vs Slug



Right In: -2287.732 ± 4176.010 $\chi^2/\text{NDF}: 11.1/7$
 Left Out: -1810.593 ± 1078.173 $\chi^2/\text{NDF}: 31.2/24$
 Right Out: 9186.547 ± 3530.066 $\chi^2/\text{NDF}: 10.5/10$
 Left In: 339.260 ± 2365.986 $\chi^2/\text{NDF}: 14.2/22$

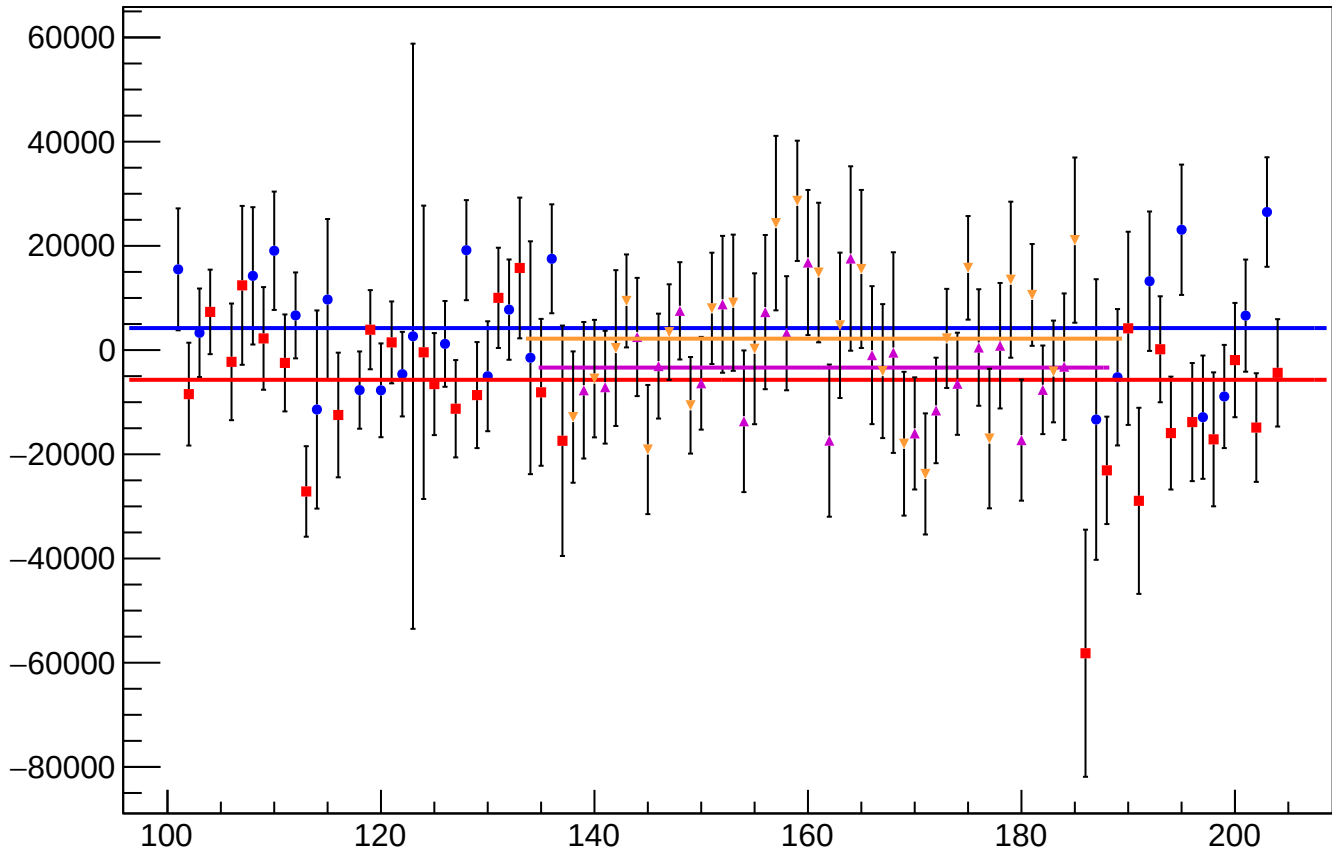
+ sign -1840.411 ± 1043.941 $\chi^2/\text{NDF}: 42.3/32$
 All: -757.291 ± 921.952 $\chi^2/\text{NDF}: 76.2/66$
 - sign 3081.683 ± 1965.373 $\chi^2/\text{NDF}: 29.1/33$

asym_atl2_correction_rms vs Slug



Right In: 9364.321+/-2.953	χ^2/NDF : 81817.6/7	+ sign 3197.528+/-0.738	χ^2/NDF : 27596983.4/32
Left Out: 2786.461+/-0.762	χ^2/NDF : 22863045.3/24		
Right Out: 9541.937+/-2.496	χ^2/NDF : 186089.3/10	All: 4621.772+/-0.652	χ^2/NDF : 45965156.8/6
Left In: 9727.255+/-1.673	χ^2/NDF : 1261406.7/22	- sign 9669.811+/-1.390	χ^2/NDF : 1451299.3/33

asym_atl2_mean vs Slug



Right In: 4223.634 $\pm$ 2166.163 χ^2 /NDF: 26.8/24

Left Out: 2192.629 $\pm$ 2346.604 χ^2 /NDF:31.2/24

Right Out: -5704.997 $\pm$ 2017.214 χ^2 /NDF: 32.9/28

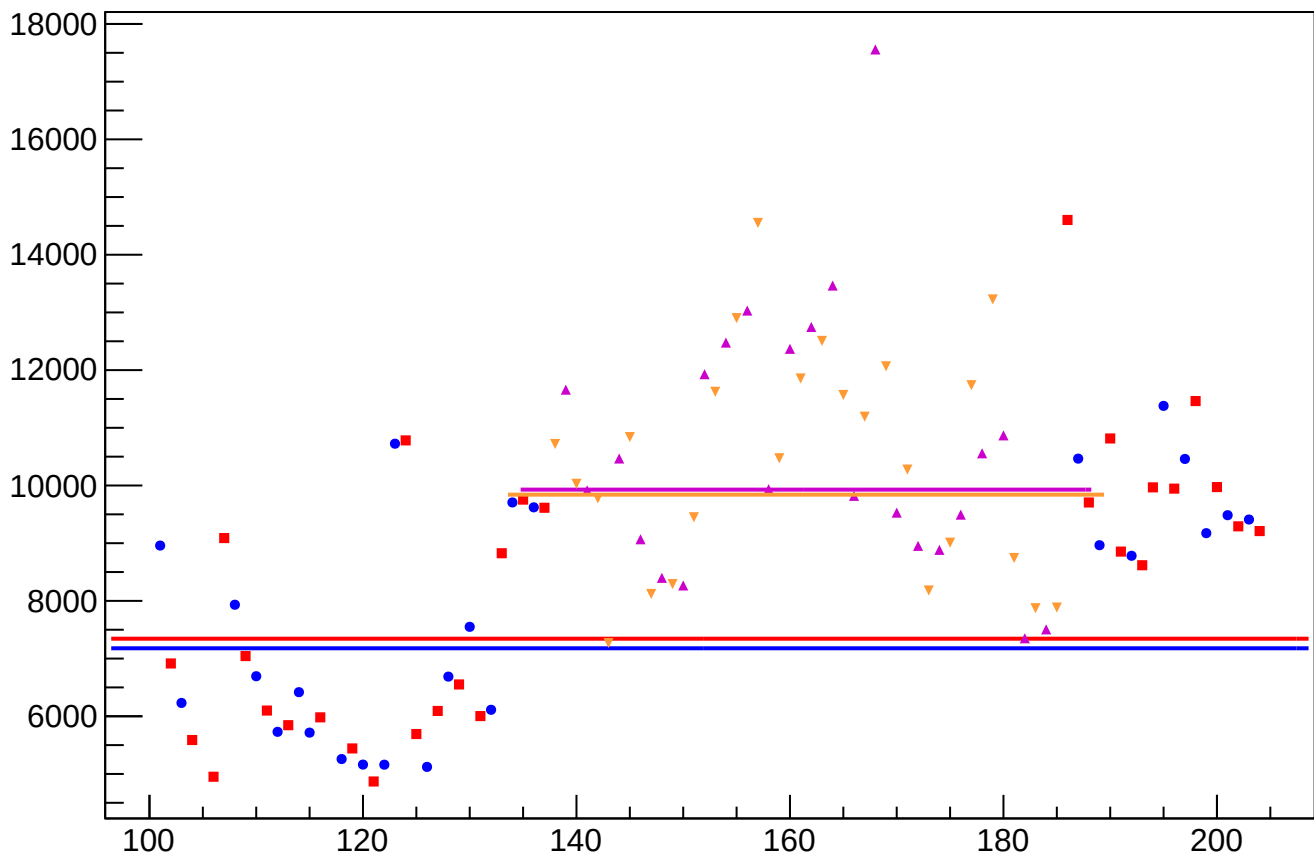
Left In: -3362.489 $\pm$ 2413.842 χ^2 /NDF:12.8/22

+ sign 3289.211 $\pm$ 1591.681 χ^2 /NDF: 58.4/49

All: -838.309 $\pm$ 1109.676 χ^2 /NDF: 117.8/101

- sign -4741.756 $\pm$ 1547.874 χ^2 /NDF: 46.3/51

asym_atl2_rms vs Slug



Right In: 7178.294 $\pm$ 1.532 χ^2 /NDF: 1560842.2/24

Left Out: 9841.227 $\pm$ 1.659 χ^2 /NDF: 1184767.7/24

Right Out: 7344.593 $\pm$ 1.426 χ^2 /NDF: 2025948.7/28

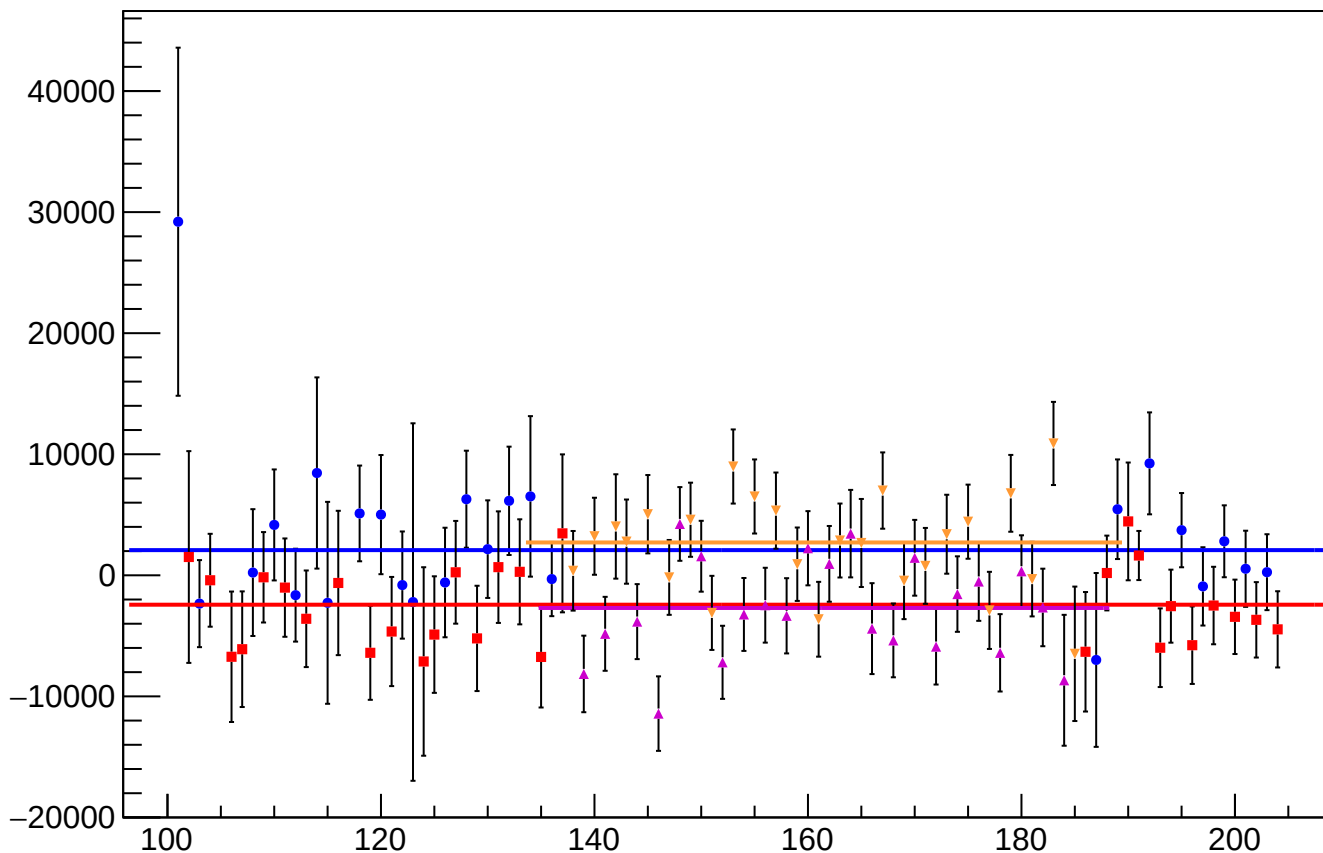
Left In: 9928.662 $\pm$ 1.707 χ^2 /NDF: 1220804.9/22

+ sign 8403.449 $\pm$ 1.125 χ^2 /NDF: 4136209.1/49

All: 8405.338 $\pm$ 0.785 χ^2 /NDF: 8732550.2/10

- sign 8407.124 $\pm$ 1.094 χ^2 /NDF: 4596335.6/51

dit_asym_atr1_mean vs Slug



Right In: 2080.101 ± 836.106 χ^2/NDF : 19.0/24

Left Out: 2712.564 ± 648.832 χ^2/NDF : 34.7/24

Right Out: -2428.377 ± 709.199 χ^2/NDF : 18.2/28

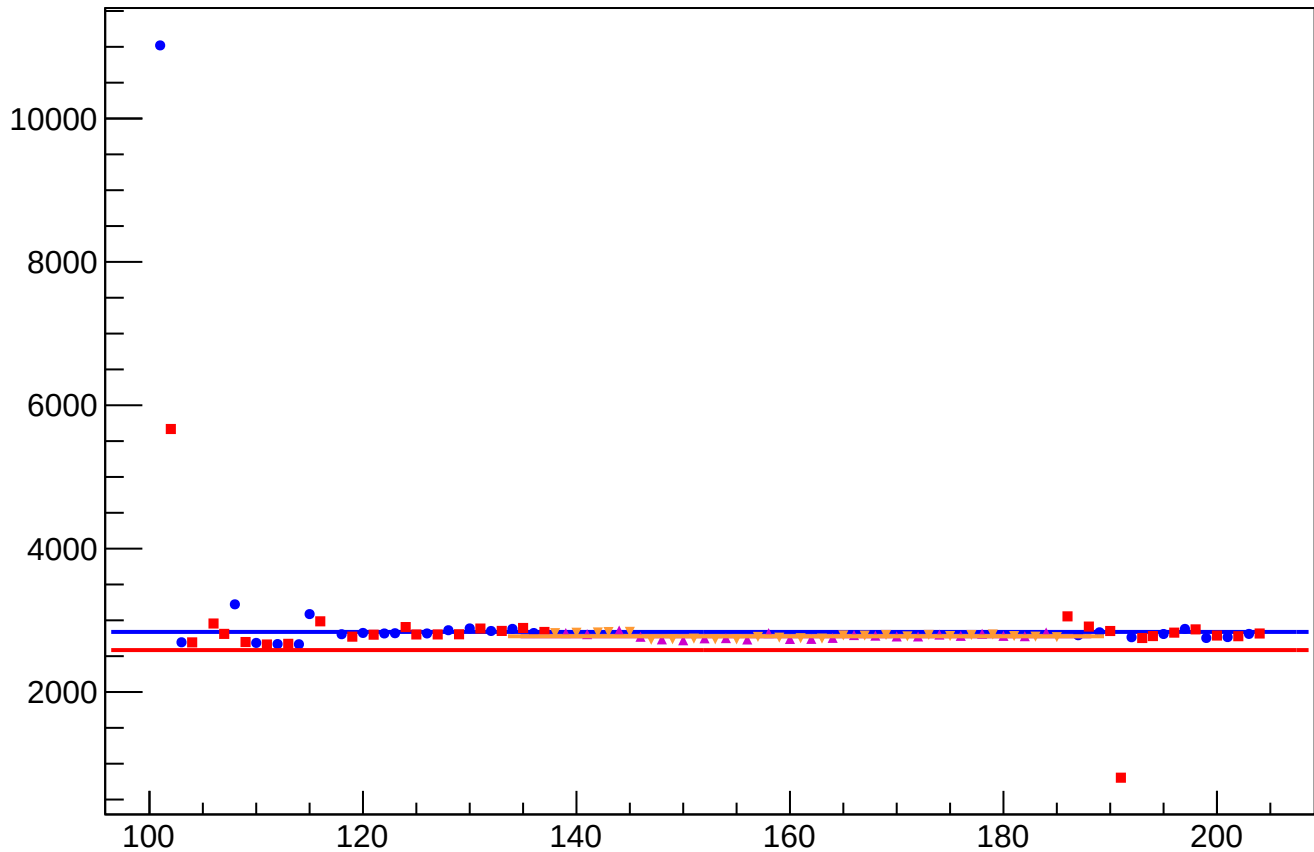
Left In: -2697.794 ± 662.544 χ^2/NDF : 36.1/22

+ sign 2474.847 ± 512.594 χ^2/NDF : 54.1/49

All: -192.641 ± 351.969 χ^2/NDF : 159.6/101

- sign -2572.238 ± 484.143 χ^2/NDF : 54.3/51

dit_asym_atr1_rms vs Slug



Right In: 2838.177 $\pm$ 0.591 χ^2 /NDF: 675440.0/24

Left Out: 2777.450 $\pm$ 0.459 χ^2 /NDF: 5253.1/24

Right Out: 2584.851 $\pm$ 0.501 χ^2 /NDF: 1989031.3/28

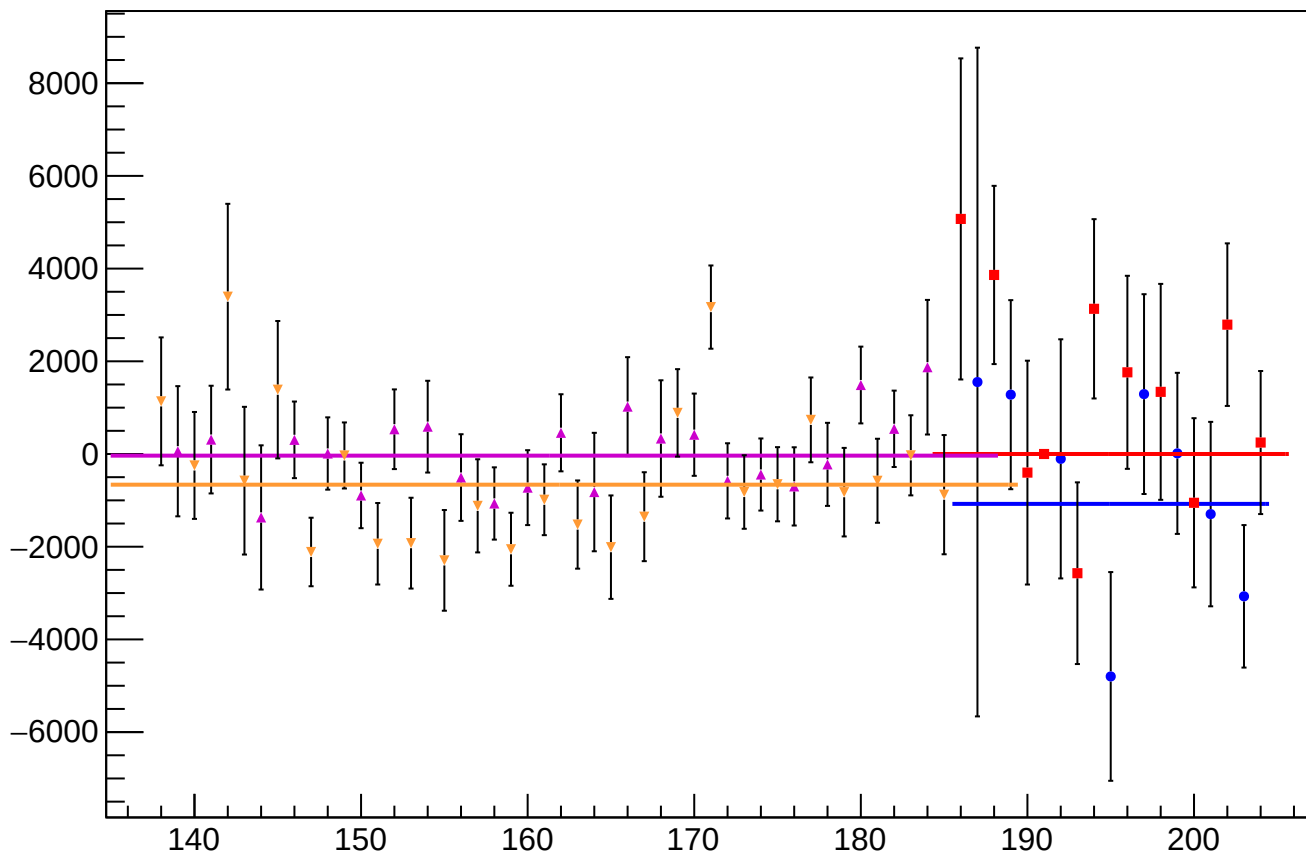
Left In: 2777.355 $\pm$ 0.468 χ^2 /NDF: 5488.7/22

+ sign 2800.275 $\pm$ 0.362 χ^2 /NDF: 687277.9/49

All: 2740.746 $\pm$ 0.249 χ^2 /NDF: 2811518.1/10

- sign 2687.643 $\pm$ 0.342 χ^2 /NDF: 2073205.0/51

asym_atr1_correction_mean vs Slug



Right In: -1076.185 ± 739.322 χ^2/NDF : 7.6/7

Left Out: -661.759 ± 190.222 χ^2/NDF : 48.7/24

Right Out: 0.293 ± 4.105 χ^2/NDF : 14.5/10

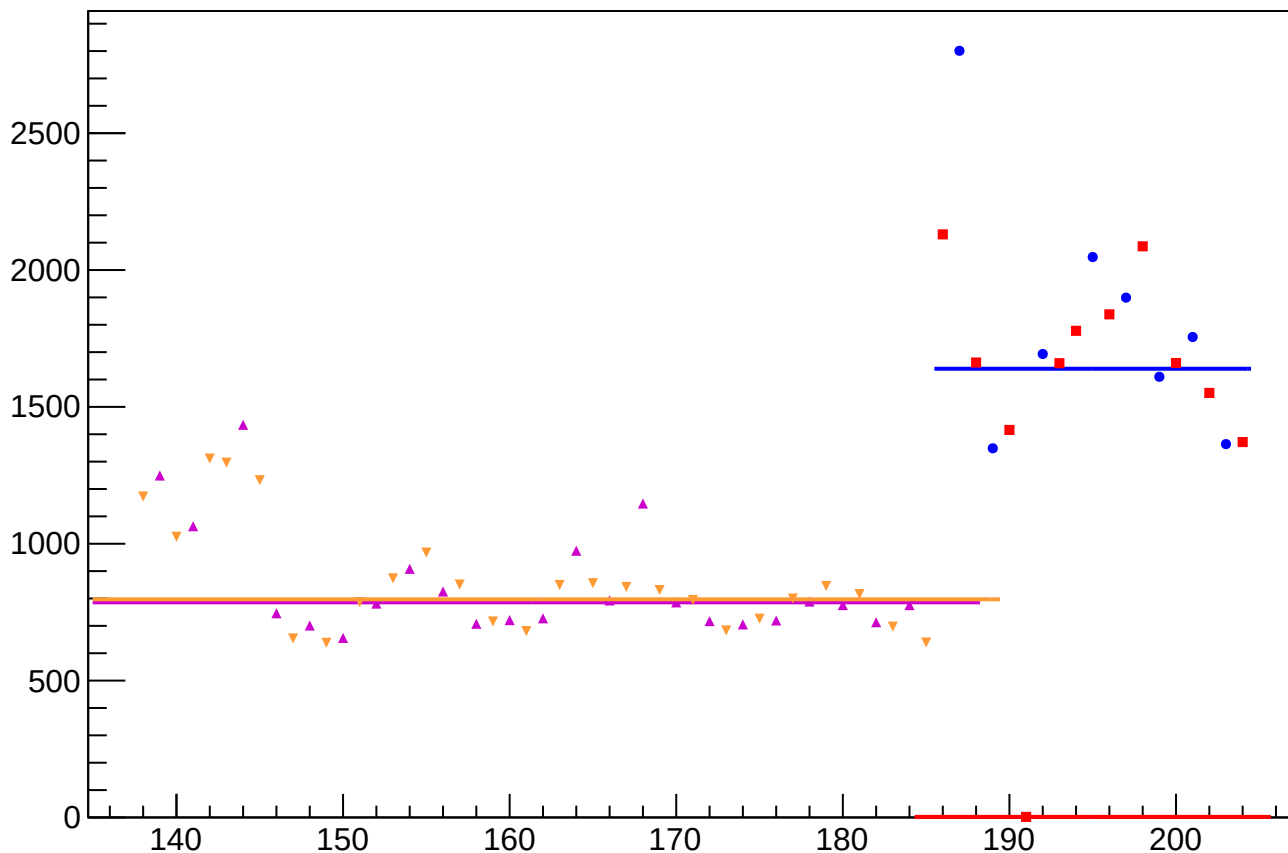
Left In: -35.366 ± 190.553 χ^2/NDF : 15.1/22

+ sign -687.491 ± 184.222 χ^2/NDF : 56.6/32

All: -0.064 ± 4.103 χ^2/NDF : 100.2/66

- sign 0.277 ± 4.104 χ^2/NDF : 29.6/33

asym_atr1_correction_rms vs Slug



Right In: 1639.363 $\pm$ 0.523 χ^2 /NDF: 259659.8/7

Left Out: 796.994 $\pm$ 0.135 χ^2 /NDF: 1174879.0/24

Right Out: 2.107 $\pm$ 0.003 χ^2 /NDF: 13990932.5/10

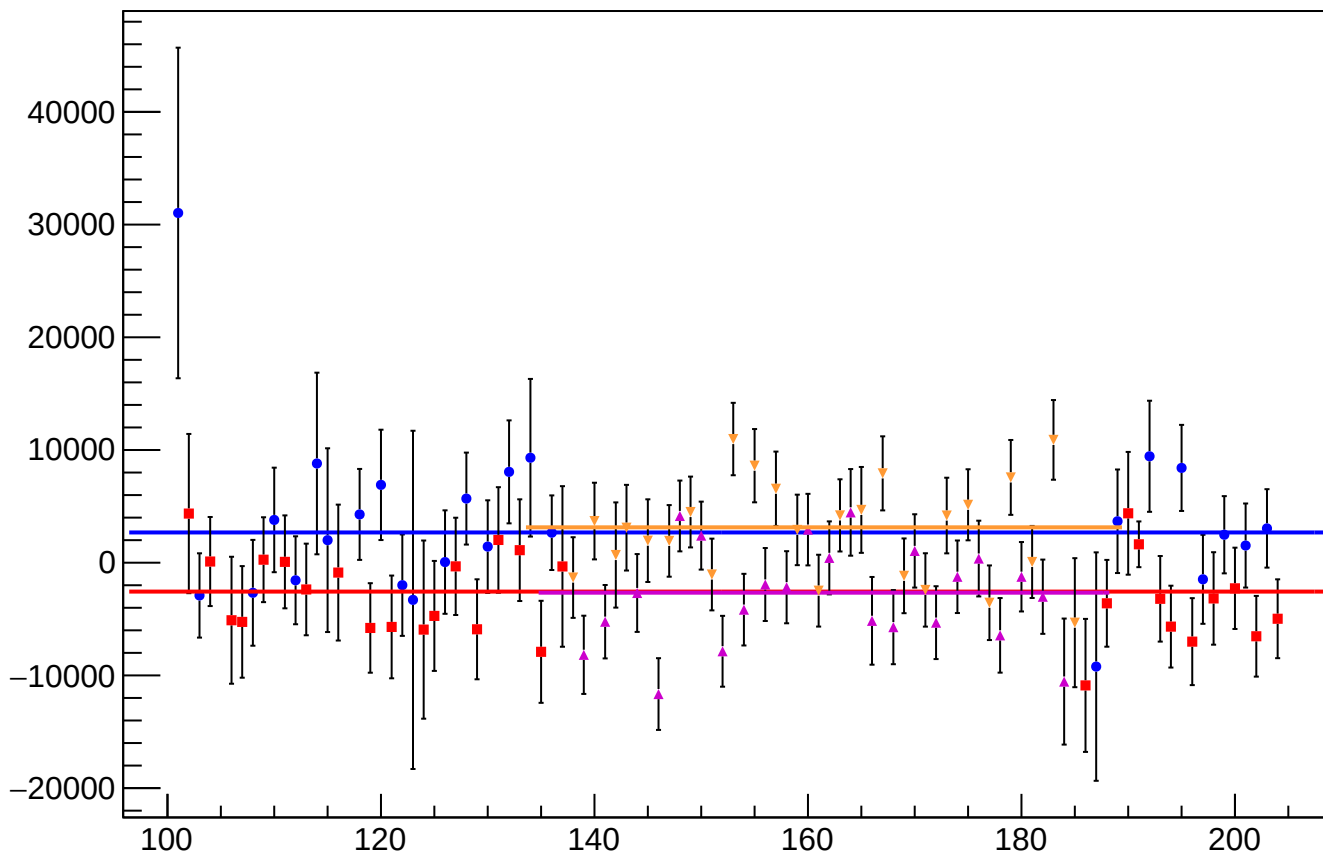
Left In: 785.928 $\pm$ 0.135 χ^2 /NDF: 1126027.7/22

+ sign 849.296 $\pm$ 0.130 χ^2 /NDF: 3869713.4/32

All: 2.891 $\pm$ 0.003 χ^2 /NDF: 95050450.7/66

- sign 2.471 $\pm$ 0.003 χ^2 /NDF: 48941289.4/33

asym_atr1_mean vs Slug



Right In: 2684.198 ± 906.019 χ^2/NDF : 21.3/24

Left Out: 3139.358 ± 680.222 χ^2/NDF : 38.3/24

Right Out: -2562.475 ± 768.716 χ^2/NDF : 20.2/28

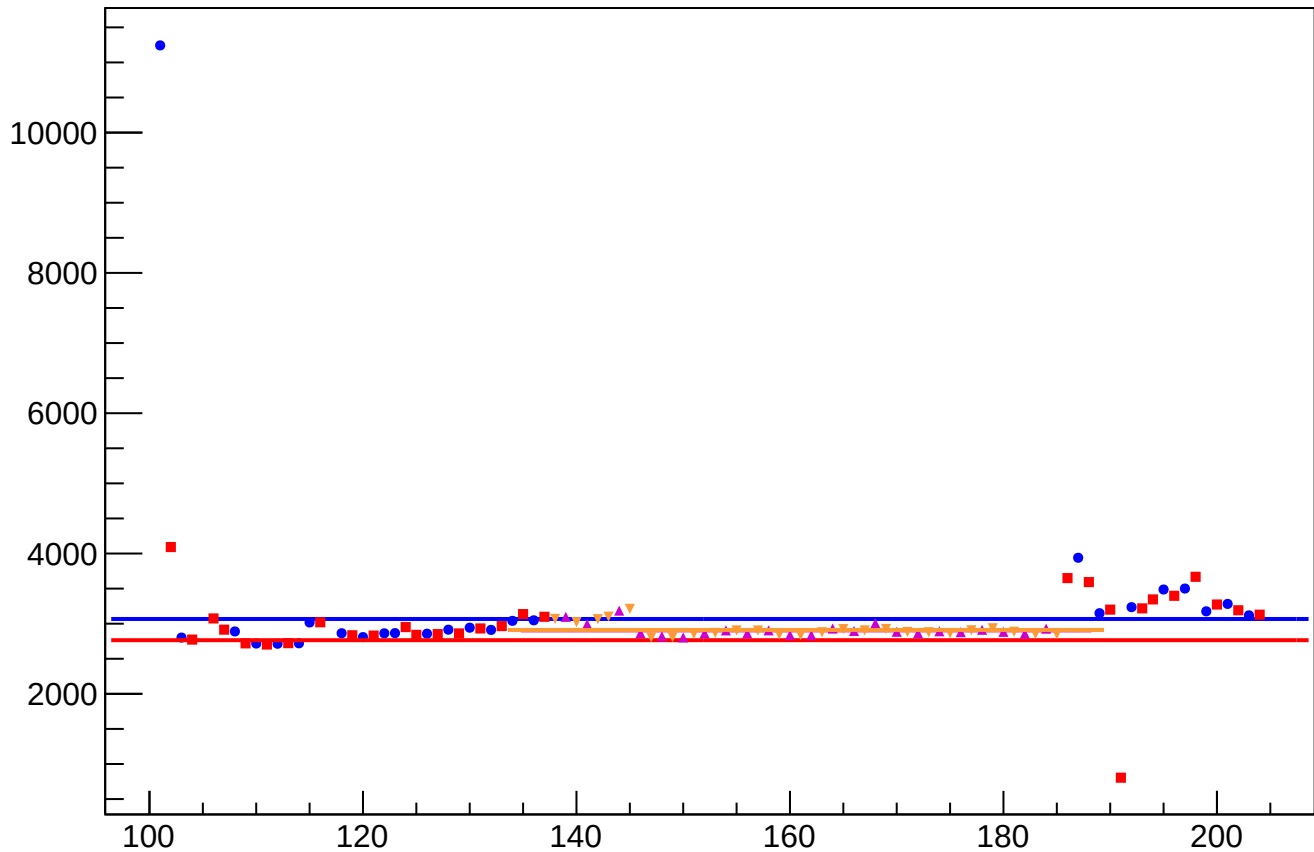
Left In: -2659.828 ± 693.121 χ^2/NDF : 36.9/22

+ sign 2975.282 ± 543.974 χ^2/NDF : 59.7/49

All: 25.428 ± 373.894 χ^2/NDF : 172.6/101

- sign -2616.172 ± 514.768 χ^2/NDF : 57.1/51

asym_atr1_rms vs Slug



Right In: 3067.047 $\pm$ 0.641 χ^2/NDF : 767525.7/24

Left Out: 2910.362 $\pm$ 0.481 χ^2/NDF : 36080.5/24

Right Out: 2764.686 $\pm$ 0.544 χ^2/NDF : 2449004.6/28

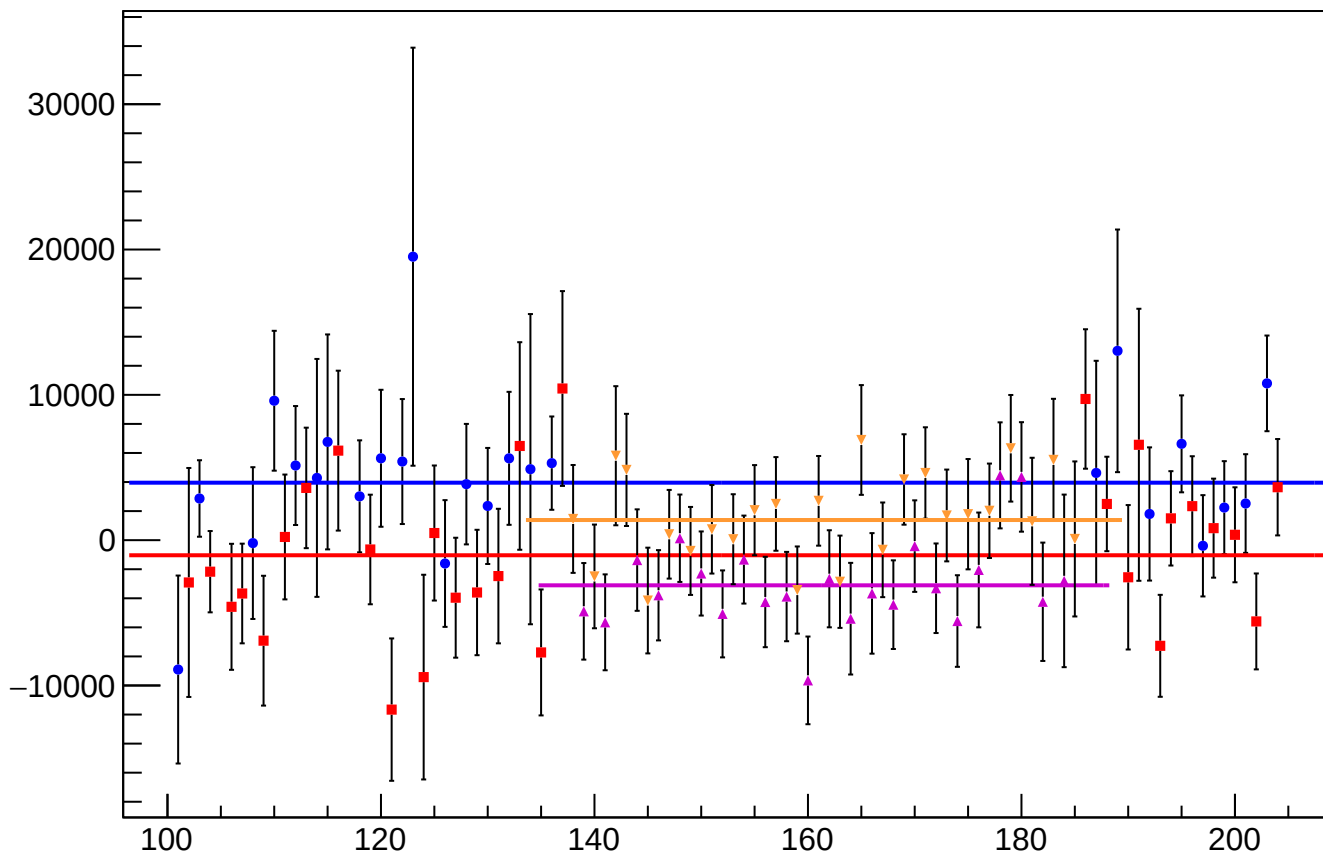
Left In: 2904.499 $\pm$ 0.490 χ^2/NDF : 30423.1/22

+ sign 2966.843 $\pm$ 0.385 χ^2/NDF : 841859.0/49

All: 2900.877 $\pm$ 0.264 χ^2/NDF : 3413529.0/100

- sign 2841.803 $\pm$ 0.364 χ^2/NDF : 2515919.4/51

dit_asym_atr2_mean vs Slug



Right In: 3955.261 $\pm$ 855.166 χ^2 /NDF: 18.3/24

Left Out: 1386.275 $\pm$ 684.647 χ^2 /NDF:18.0/24

Right Out: -1038.558 $\pm$ 761.639 χ^2 /NDF: 35.9/28

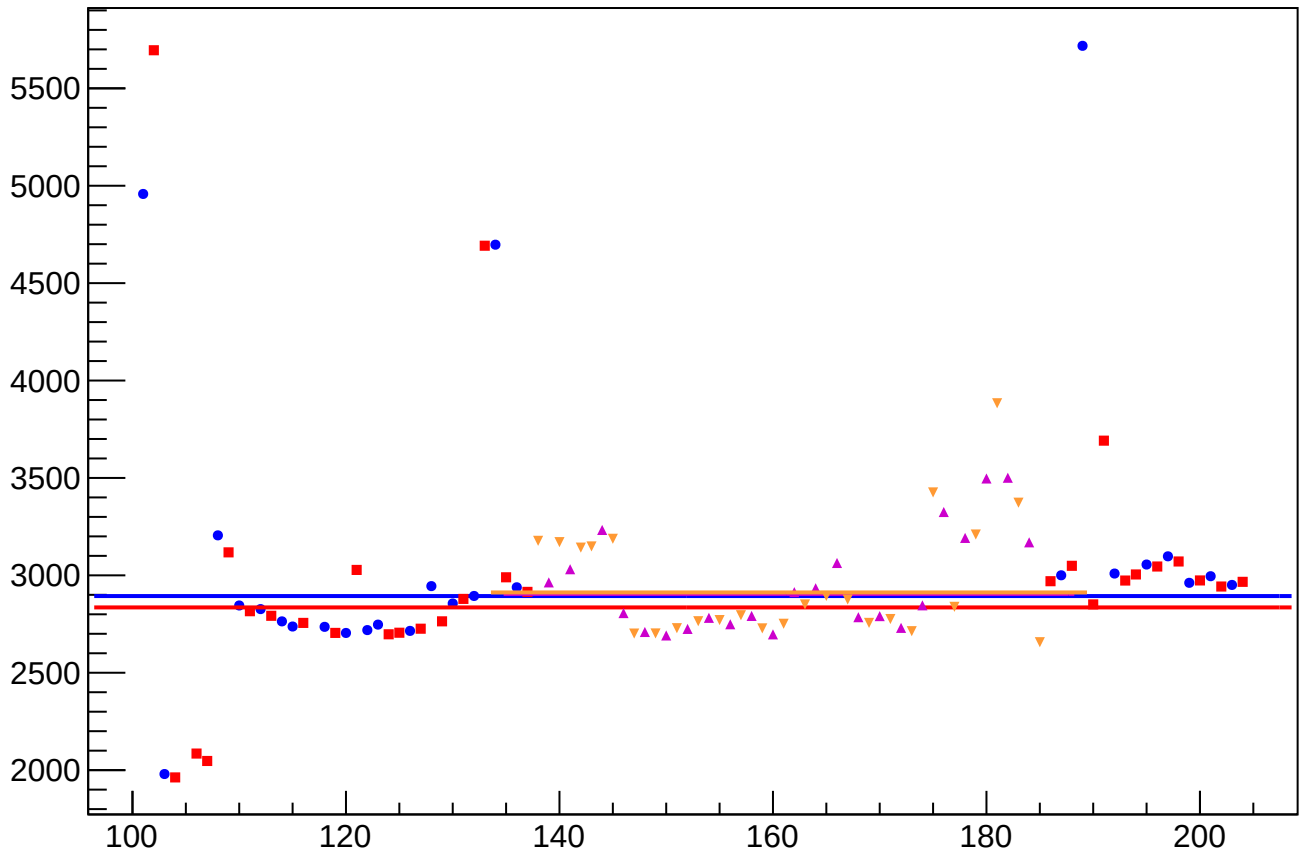
Left In: -3106.878 $\pm$ 695.685 χ^2 /NDF:18.4/22

+ sign 2389.725 $\pm$ 534.463 χ^2 /NDF: 41.8/49

All: 21.412 $\pm$ 370.349 χ^2 /NDF: 137.9/101

- sign -2166.133 $\pm$ 513.661 χ^2 /NDF: 58.4/51

dit_asym_atr2_rms vs Slug



Right In: 2893.667+/-0.605 χ^2/NDF : 770936.8/24

Left Out: 2912.211+/-0.484 χ^2/NDF : 290908.5/24

Right Out: 2835.354+/-0.538 χ^2/NDF : 842467.6/28

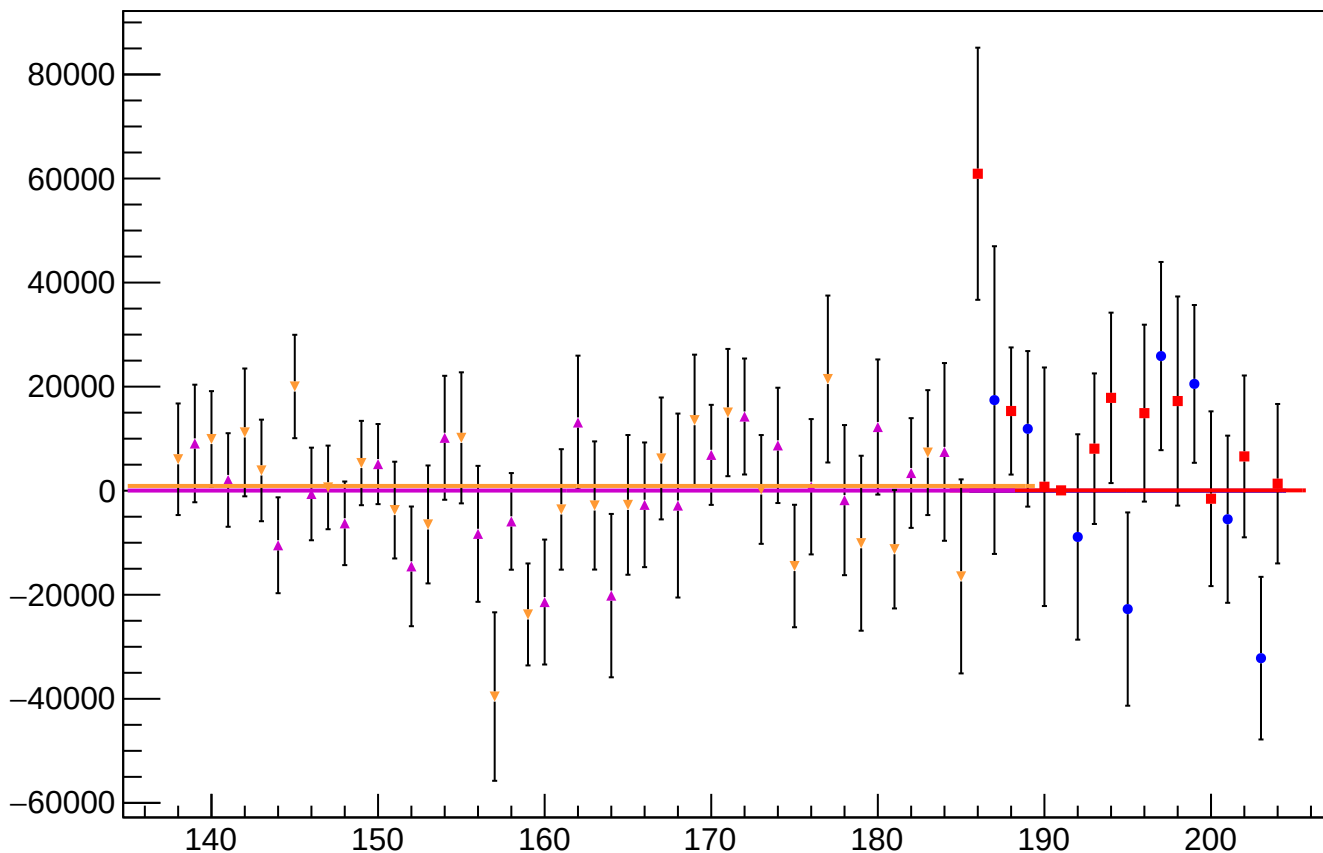
Left In: 2904.472+/-0.492 χ^2/NDF : 217578.9/22

+ sign 2904.967+/-0.378 χ^2/NDF : 1062418.4/49

All: 2888.363+/-0.262 χ^2/NDF : 2135158.9/10

- sign 2873.029+/-0.363 χ^2/NDF : 1069027.4/51

asym_atr2_correction_mean vs Slug



Right In: -12.215 ± 6147.809 $\chi^2/\text{NDF}: 10.9/7$

Left Out: 916.096 ± 2238.762 $\chi^2/\text{NDF}: 28.7/24$

Right Out: 63.042 ± 29.129 $\chi^2/\text{NDF}: 11.0/10$

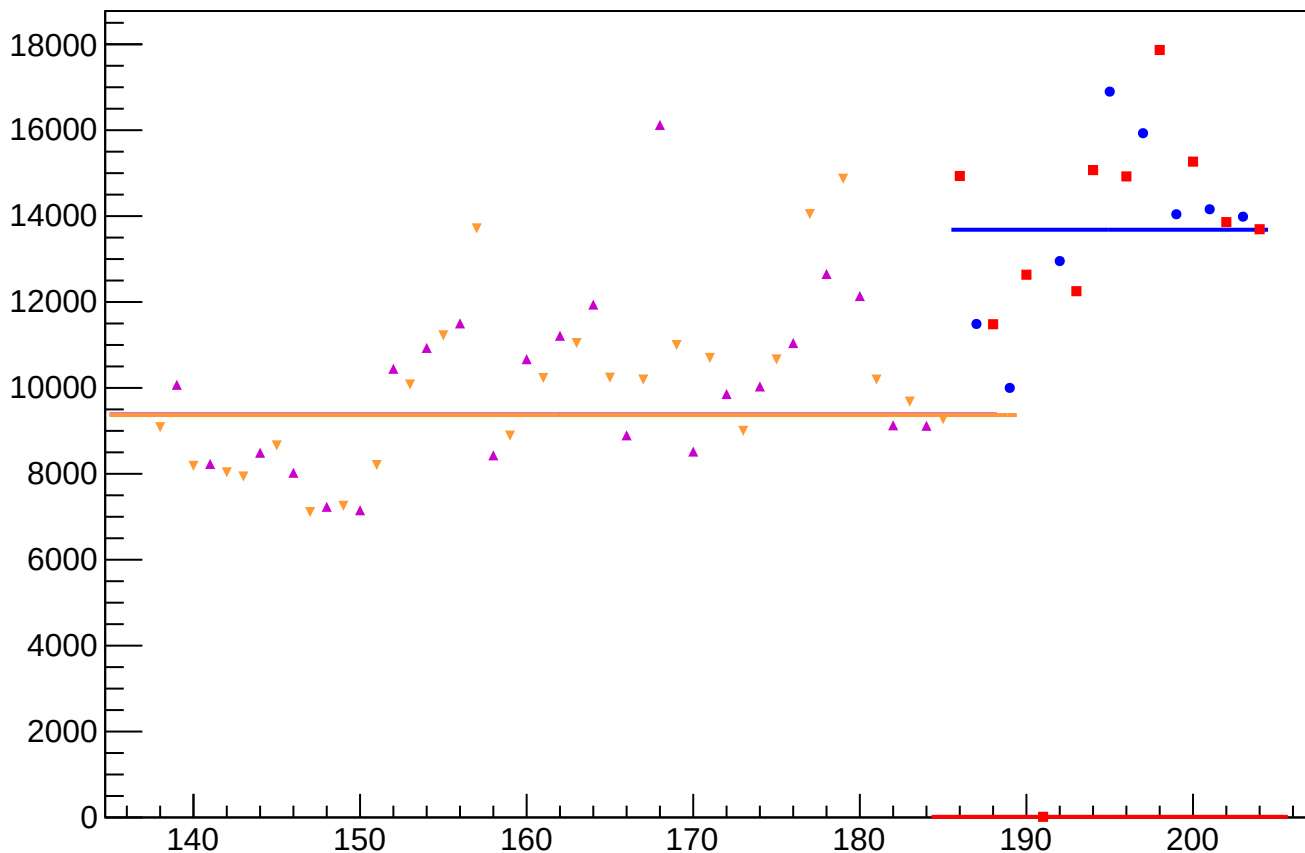
Left In: 25.729 ± 2280.428 $\chi^2/\text{NDF}: 16.1/22$

+ sign 807.406 ± 2103.623 $\chi^2/\text{NDF}: 39.7/32$

All: 63.178 ± 29.124 $\chi^2/\text{NDF}: 66.9/66$

- sign 63.036 ± 29.126 $\chi^2/\text{NDF}: 27.1/33$

asym_atr2_correction_rms vs Slug



Right In: 13682.569+/-4.347 χ^2/NDF : 229535.4/7

Left Out: 9369.034+/-1.583 χ^2/NDF : 1183012.4/24

Right Out: 14.868+/-0.021 χ^2/NDF : 14191773.9/10

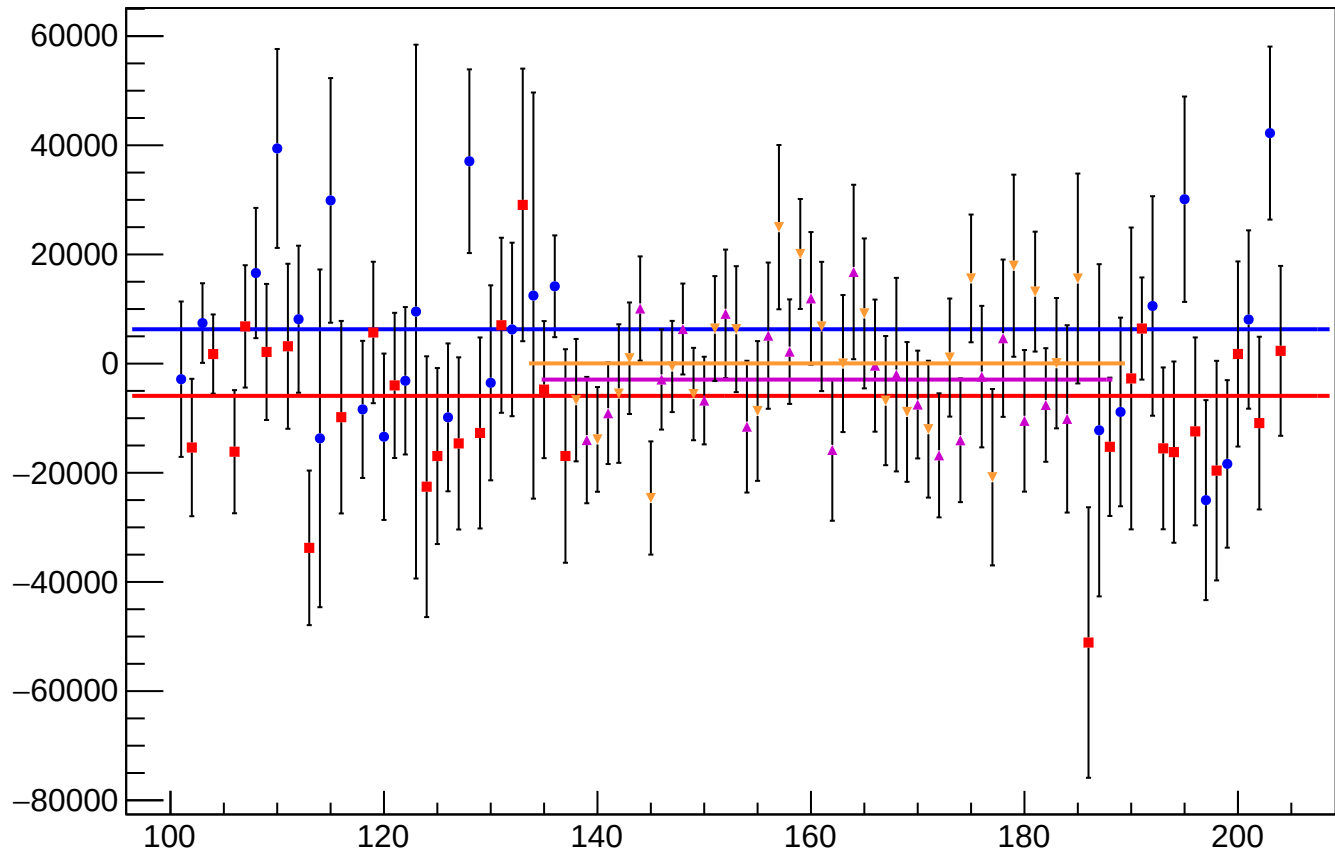
Left In: 9382.727+/-1.613 χ^2/NDF : 1205648.8/22

+ sign 9874.077+/-1.487 χ^2/NDF : 2281859.8/32

All: 18.285+/-0.021 χ^2/NDF : 95333830.2/66

- sign 16.396+/-0.021 χ^2/NDF : 49142256.6/33

asym_atr2_mean vs Slug



Right In: 6295.043 $\pm$ 2990.141 χ^2 /NDF: 28.8/24

Left Out: 43.265 $\pm$ 2290.867 χ^2 /NDF: 25.9/24

Right Out: -5907.429 $\pm$ 2623.402 χ^2 /NDF: 21.3/28

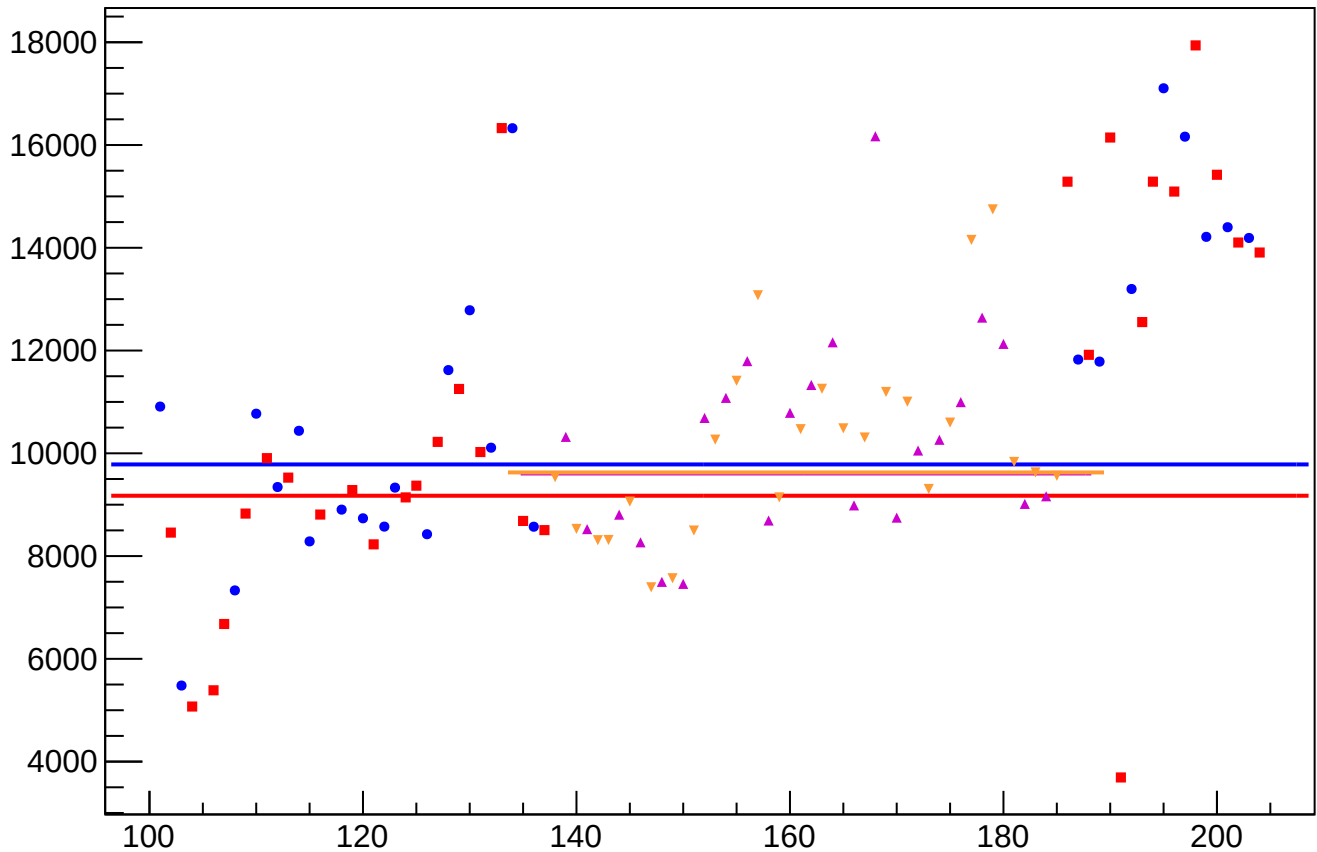
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF: 14.6/22

+ sign 2355.601 $\pm$ 1818.509 χ^2 /NDF: 57.4/49

All: -1083.660 $\pm$ 1258.086 χ^2 /NDF: 100.9/10

- sign -4240.844 $\pm$ 1742.339 χ^2 /NDF: 36.6/51

asym_atr2_rms vs Slug



Right In: 9783.627+/-2.114 χ^2/NDF : 2163586.5/24

Left Out: 9627.824+/-1.620 χ^2/NDF :1004641.7/24

Right Out: 9174.238+/-1.855 χ^2/NDF : 3873090.4/28

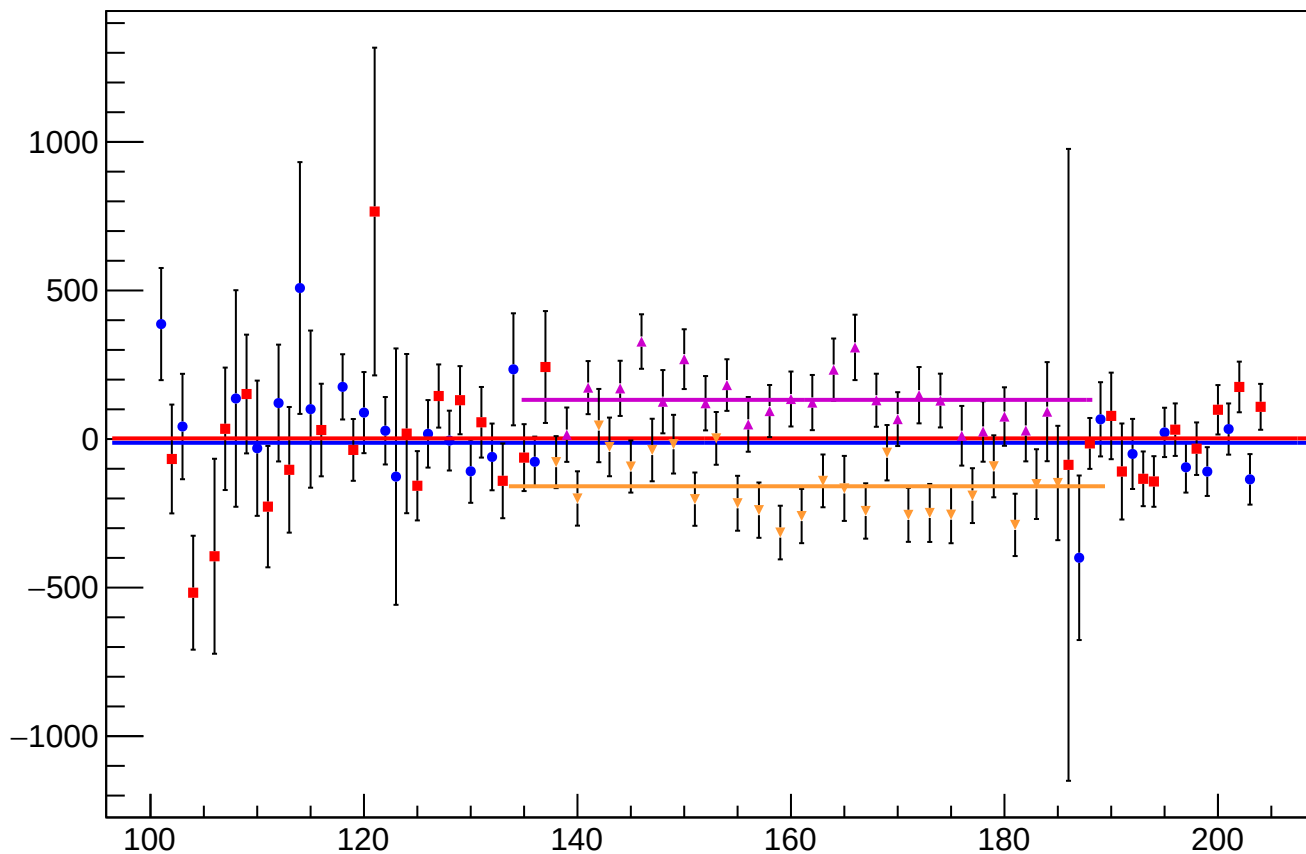
Left In: 9607.553+/-1.648 χ^2/NDF :1085465.7/22

+ sign 9685.451+/-1.286 χ^2/NDF : 3171649.7/49

All: 9545.177+/-0.890 χ^2/NDF : 8183527.0/10

- sign 9416.412+/-1.232 χ^2/NDF : 4989053.2/51

dit_asym_sam1_mean vs Slug



Right In: -12.590 ± 24.136 χ^2/NDF : 21.3/24

Left Out: -158.948 ± 19.453 χ^2/NDF : 25.8/24

Right Out: 2.190 ± 22.499 χ^2/NDF : 35.0/28

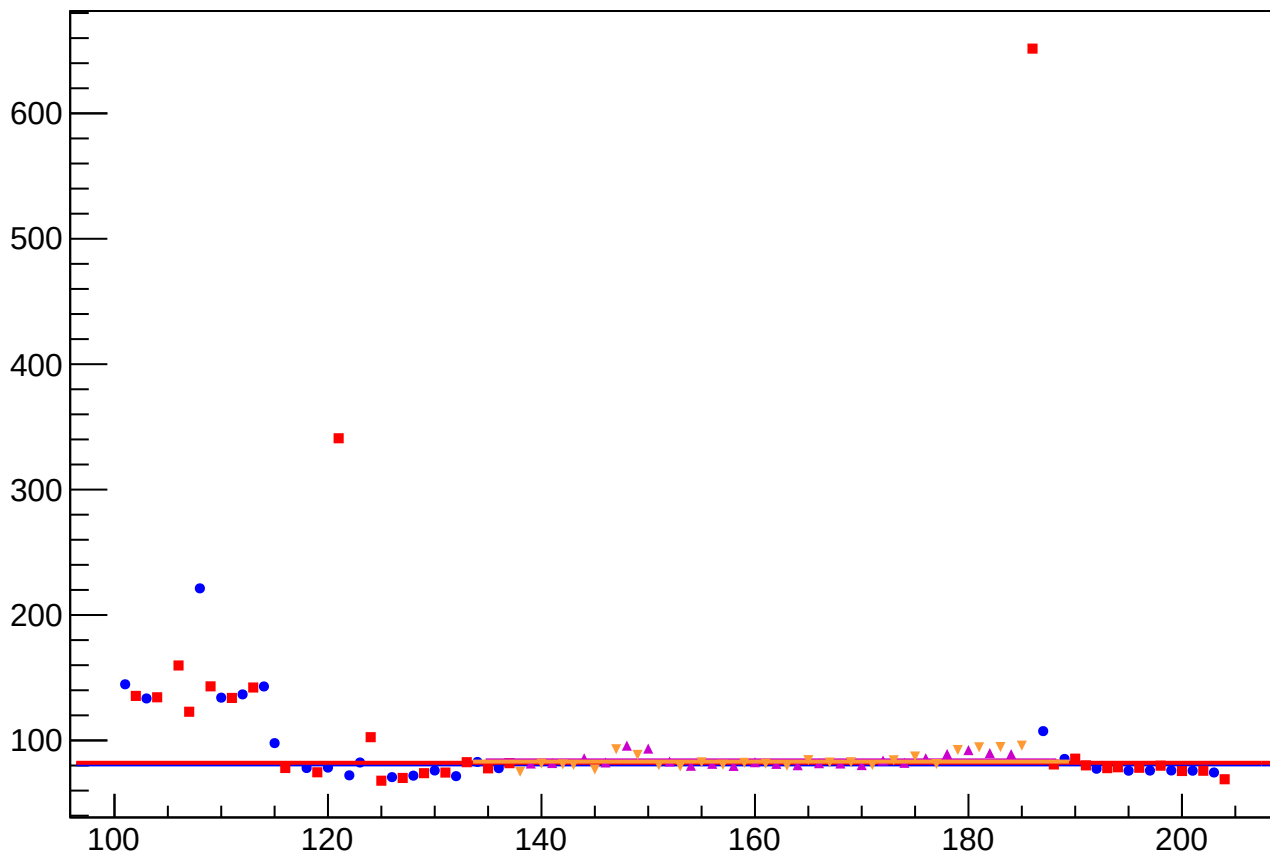
Left In: 131.879 ± 20.076 χ^2/NDF : 17.8/22

+ sign -101.312 ± 15.146 χ^2/NDF : 69.4/49

All: -12.489 ± 10.650 χ^2/NDF : 208.7/101

- sign 74.390 ± 14.979 χ^2/NDF : 71.3/51

dit_asym_sam1_rms vs Slug



Right In: 80.891 $\pm$ 0.017 χ^2 /NDF: 1151842.6/24

Left Out: 83.126 $\pm$ 0.014 χ^2 /NDF: 138741.0/24

Right Out: 82.179 $\pm$ 0.016 χ^2 /NDF: 2194818.6/28

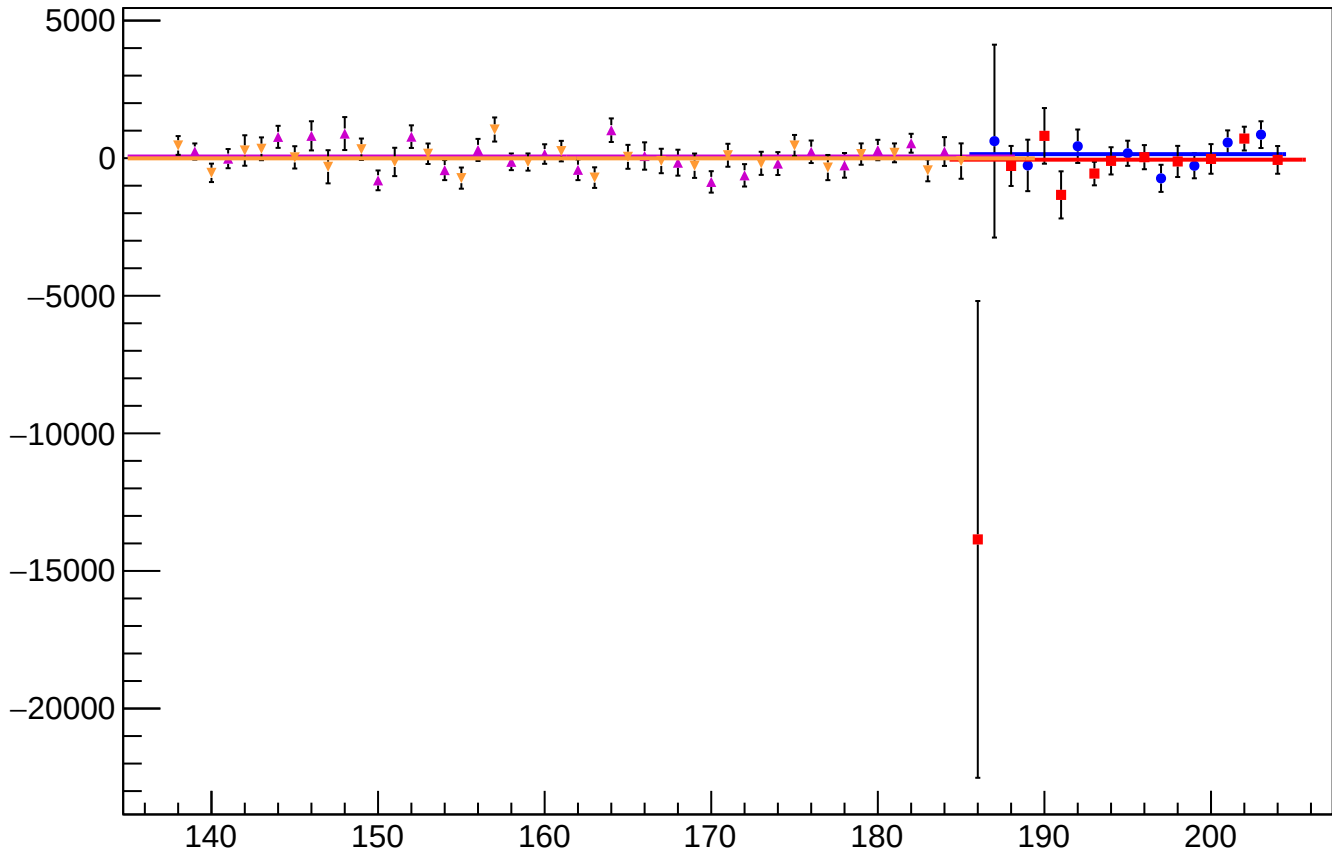
Left In: 84.108 $\pm$ 0.014 χ^2 /NDF: 96934.3/22

+ sign 82.246 $\pm$ 0.011 χ^2 /NDF: 1300981.8/49

All: 82.755 $\pm$ 0.008 χ^2 /NDF: 3605395.6/101

- sign 83.253 $\pm$ 0.011 χ^2 /NDF: 2299945.5/51

asym_sam1_correction_mean vs Slug



Right In: 145.741+/-192.370 χ^2/NDF : 7.5/7

Left Out: -6.627+/-81.138 χ^2/NDF : 24.4/24

Right Out: -54.475+/-169.409 χ^2/NDF : 10.2/10

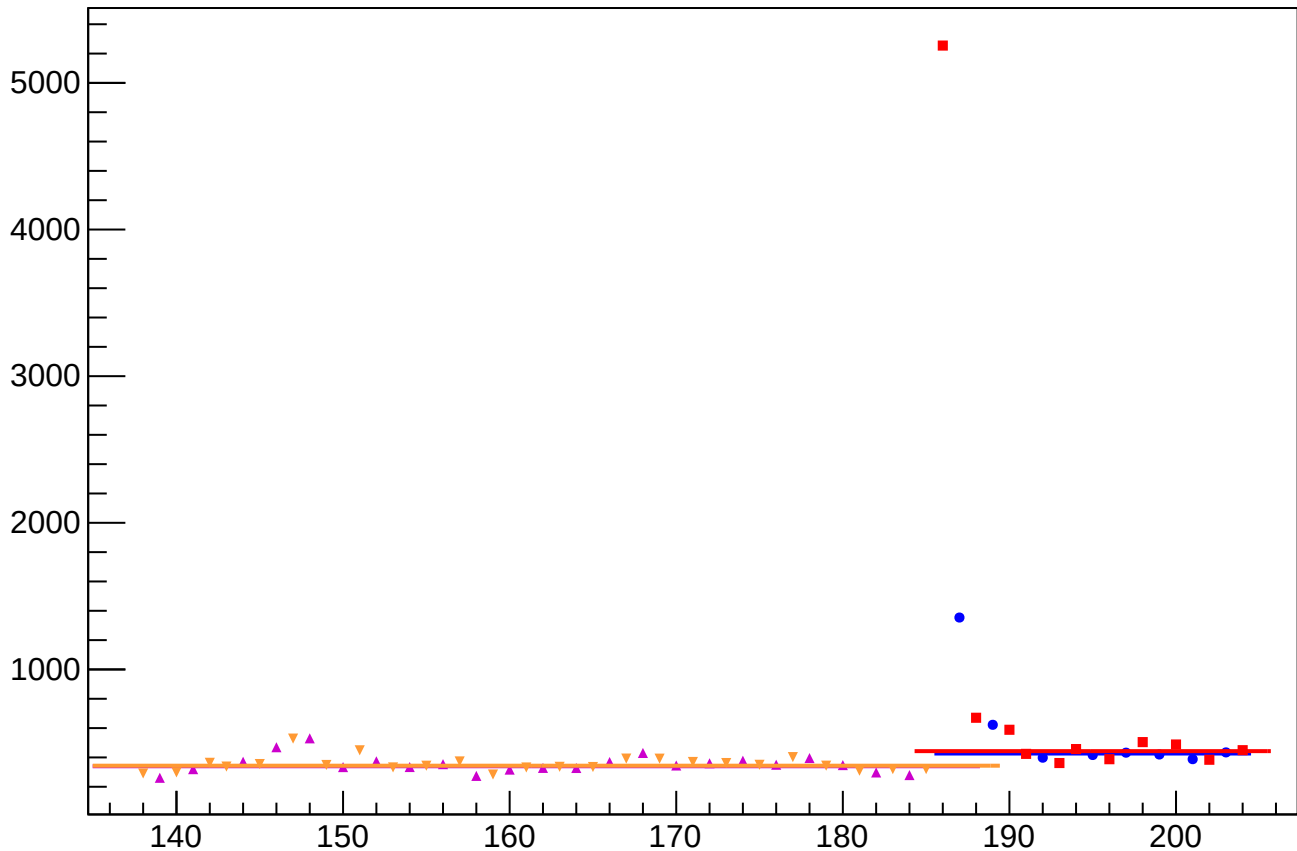
Left In: 59.971+/-82.046 χ^2/NDF : 38.0/22

+ sign 16.385+/-74.760 χ^2/NDF : 32.4/32

All: 27.441+/-52.536 χ^2/NDF : 81.0/66

- sign 38.227+/-73.842 χ^2/NDF : 48.5/33

asym_sam1_correction_rms vs Slug



Right In: 426.707 $\pm$ 0.136 χ^2 /NDF: 249464.5/7

Left Out: 343.620 $\pm$ 0.057 χ^2 /NDF: 571090.7/24

Right Out: 442.916 $\pm$ 0.120 χ^2 /NDF: 1035395.3/10

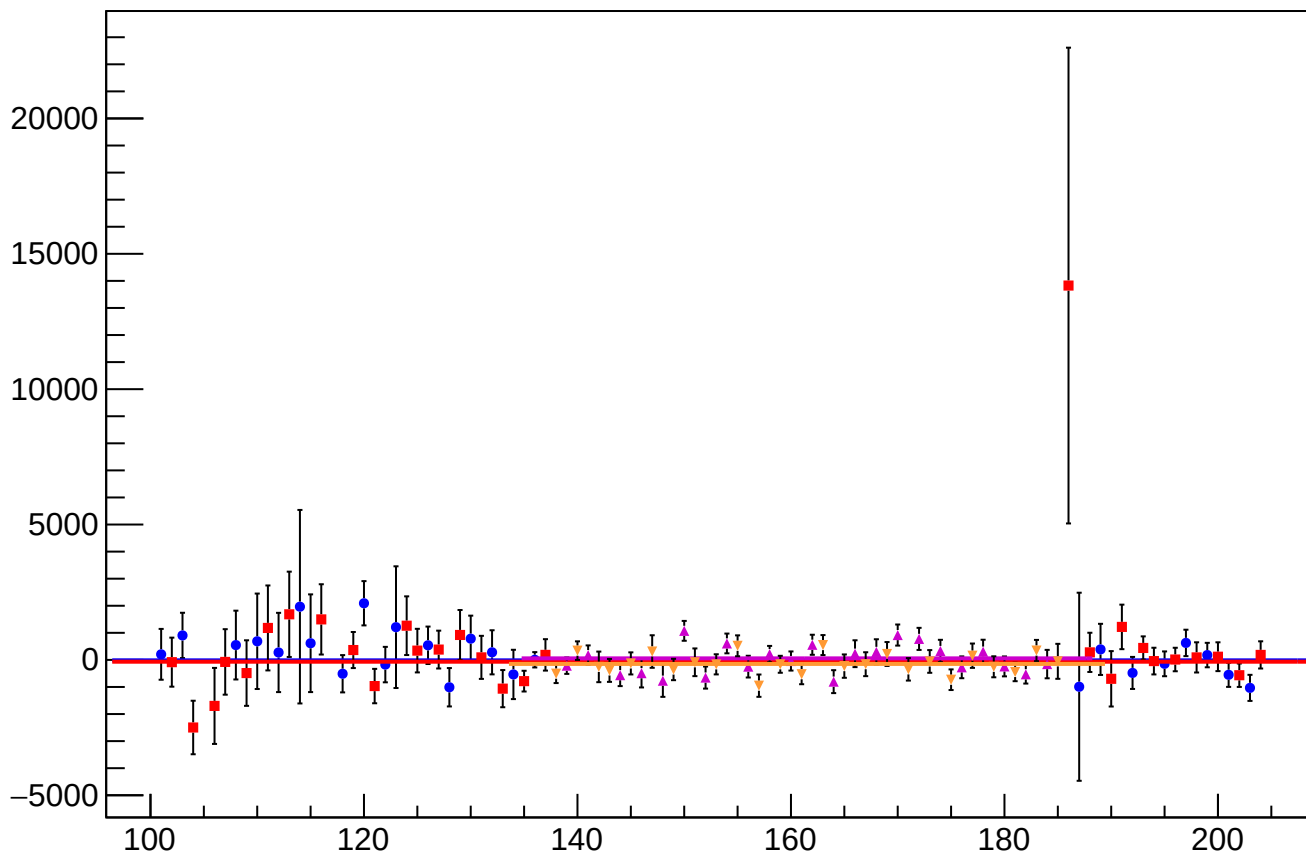
Left In: 339.804 $\pm$ 0.058 χ^2 /NDF: 799750.5/22

+ sign 356.169 $\pm$ 0.053 χ^2 /NDF: 1137298.6/32

All: 357.801 $\pm$ 0.037 χ^2 /NDF: 3574483.8/66

- sign 359.394 $\pm$ 0.052 χ^2 /NDF: 2435300.7/33

asym_sam1_mean vs Slug



Right In: -16.348 ± 130.862 χ^2/NDF : 22.4/24

Left Out: -148.809 ± 81.017 χ^2/NDF : 22.0/24

Right Out: -66.654 ± 124.358 χ^2/NDF : 31.2/28

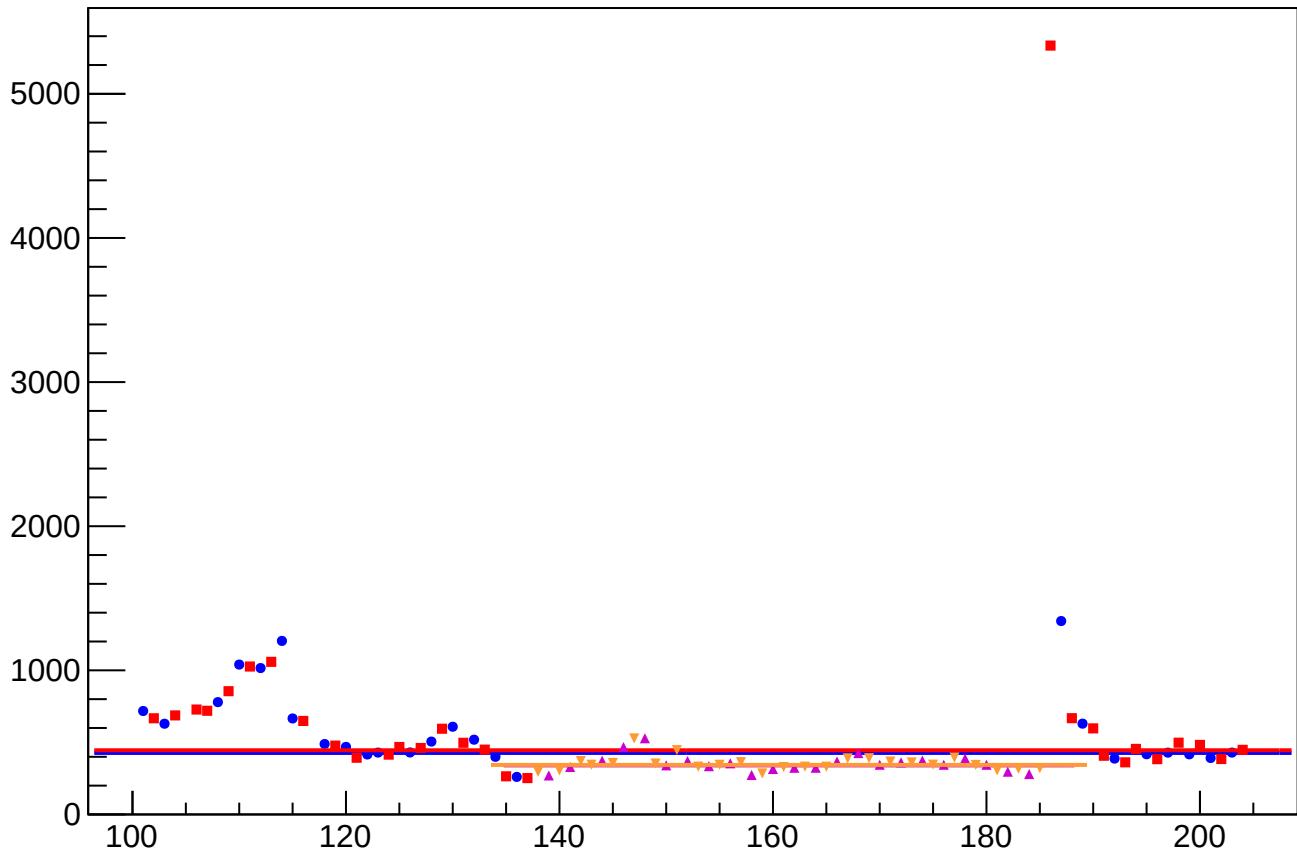
Left In: 56.402 ± 82.155 χ^2/NDF : 39.7/22

+ sign -112.106 ± 68.884 χ^2/NDF : 45.1/49

All: -46.225 ± 48.589 χ^2/NDF : 118.5/101

- sign 19.014 ± 68.547 χ^2/NDF : 71.6/51

asym_sam1_rms vs Slug



Right In: 426.968 $\pm$ 0.093 χ^2 /NDF: 2266949.2/24

Left Out: 343.762 $\pm$ 0.057 χ^2 /NDF: 539246.3/24

Right Out: 445.287 $\pm$ 0.088 χ^2 /NDF: 3071797.9/28

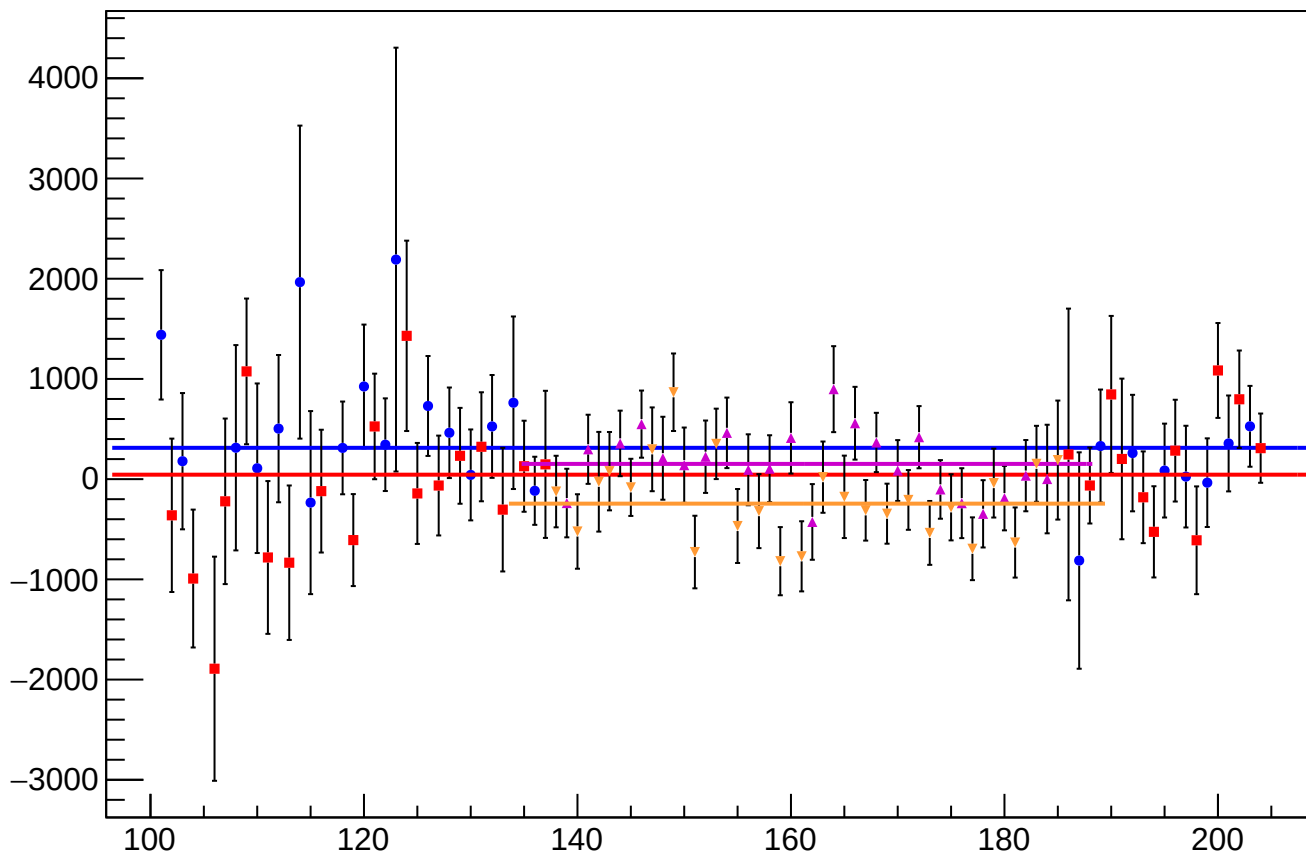
Left In: 340.519 $\pm$ 0.058 χ^2 /NDF: 737049.6/22

+ sign 366.817 $\pm$ 0.049 χ^2 /NDF: 3390713.1/49

All: 369.598 $\pm$ 0.034 χ^2 /NDF: 8194249.4/100

- sign 372.351 $\pm$ 0.048 χ^2 /NDF: 4797050.8/51

dit_asym_sam2_mean vs Slug



Right In: 312.518 ± 110.976 χ^2/NDF : 12.2/24

Left Out: -244.459 ± 70.636 χ^2/NDF : 28.9/24

Right Out: 44.537 ± 103.592 χ^2/NDF : 28.7/28

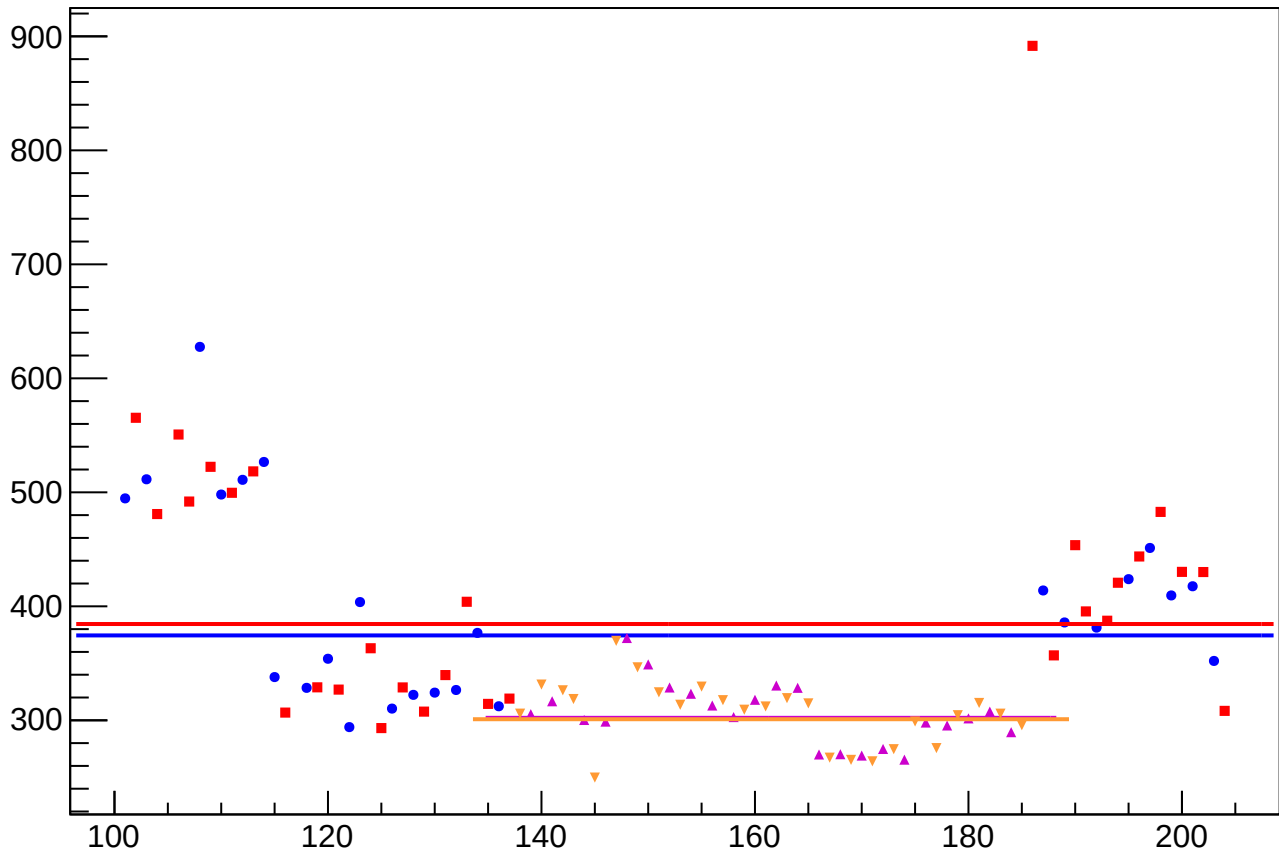
Left In: 152.030 ± 72.312 χ^2/NDF : 18.2/22

+ sign -83.869 ± 59.589 χ^2/NDF : 59.0/49

All: 16.969 ± 42.031 χ^2/NDF : 112.3/101

- sign 116.813 ± 59.295 χ^2/NDF : 47.6/51

dit_asym_sam2_rms vs Slug



Right In: 374.471 ± 0.078 $\chi^2/\text{NDF}: 764701.5/24$

Left Out: 300.961 ± 0.050 $\chi^2/\text{NDF}: 322200.5/24$

Right Out: 384.477 ± 0.073 $\chi^2/\text{NDF}: 1224484.2/28$

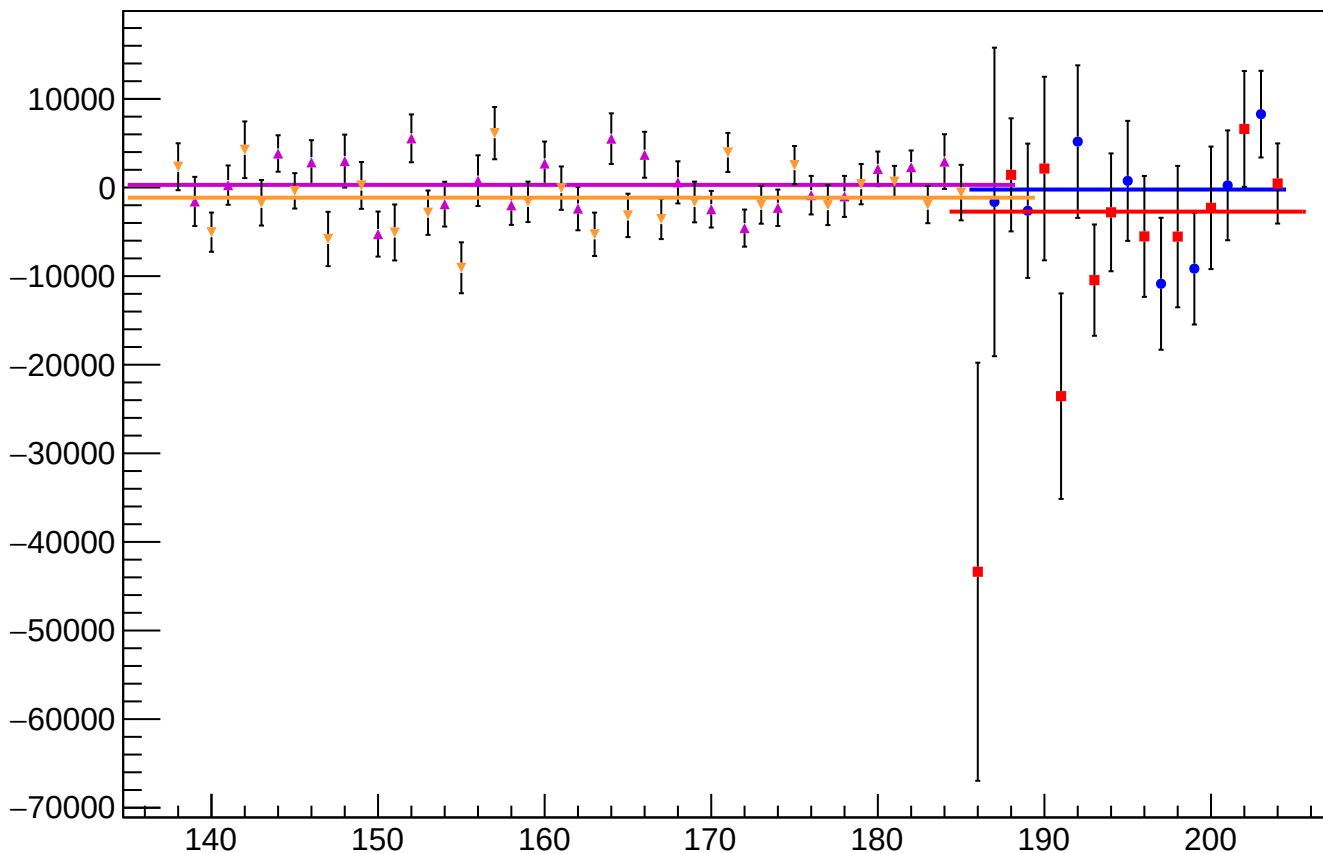
Left In: 302.180 ± 0.051 $\chi^2/\text{NDF}: 247468.9/22$

+ sign 322.155 ± 0.042 $\chi^2/\text{NDF}: 1711427.0/49$

All: 325.666 ± 0.030 $\chi^2/\text{NDF}: 4045911.0/100$

- sign 329.142 ± 0.042 $\chi^2/\text{NDF}: 2320667.3/51$

asym_sam2_correction_mean vs Slug



Right In: -227.522 ± 2446.610 χ^2/NDF : 7.6/7

Left Out: -1146.466 ± 479.950 χ^2/NDF : 41.3/24

Right Out: -2719.793 ± 2124.857 χ^2/NDF : 11.2/10

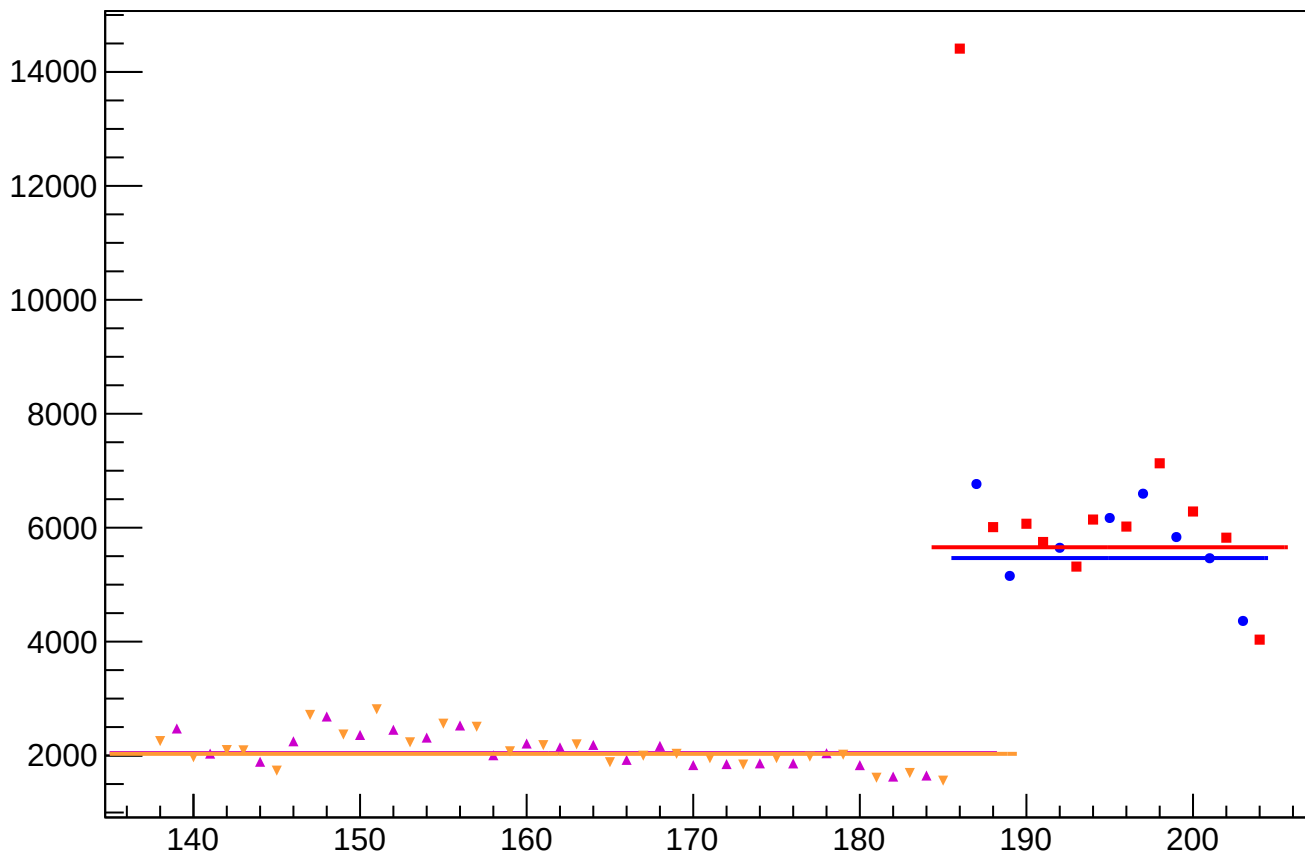
Left In: 298.915 ± 491.476 χ^2/NDF : 35.0/22

+ sign -1112.414 ± 470.974 χ^2/NDF : 49.0/32

All: -493.808 ± 335.773 χ^2/NDF : 100.6/66

- sign 145.619 ± 478.834 χ^2/NDF : 48.1/33

asym_sam2_correction_rms vs Slug



Right In: 5466.937 $\pm$ 1.730 χ^2/NDF : 191857.7/7

Left Out: 2030.179 $\pm$ 0.339 χ^2/NDF : 702523.9/24

Right Out: 5656.617 $\pm$ 1.503 χ^2/NDF : 650165.9/10

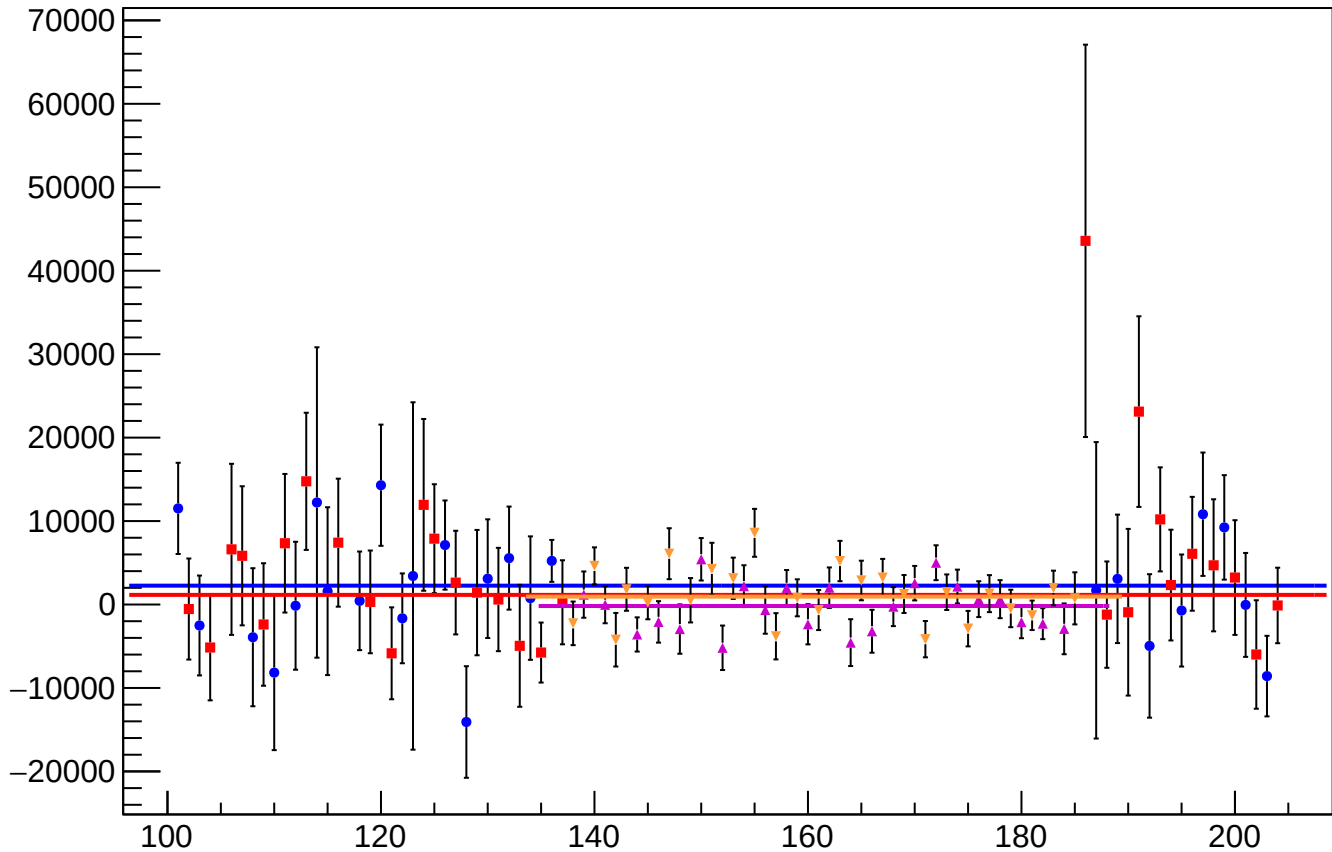
Left In: 2044.056 $\pm$ 0.348 χ^2/NDF : 570535.5/22

+ sign 2157.533 $\pm$ 0.333 χ^2/NDF : 4694517.4/32

All: 2191.942 $\pm$ 0.237 χ^2/NDF : 11424330.3/6

- sign 2227.509 $\pm$ 0.339 χ^2/NDF : 6708103.2/33

asym_sam2_mean vs Slug



Right In: 2260.079 $\pm$ 1240.148 χ^2 /NDF: 26.3/24

Left Out: 942.775 $\pm$ 474.439 χ^2 /NDF:38.3/24

Right Out: 1154.616 $\pm$ 1228.752 χ^2 /NDF: 25.5/28

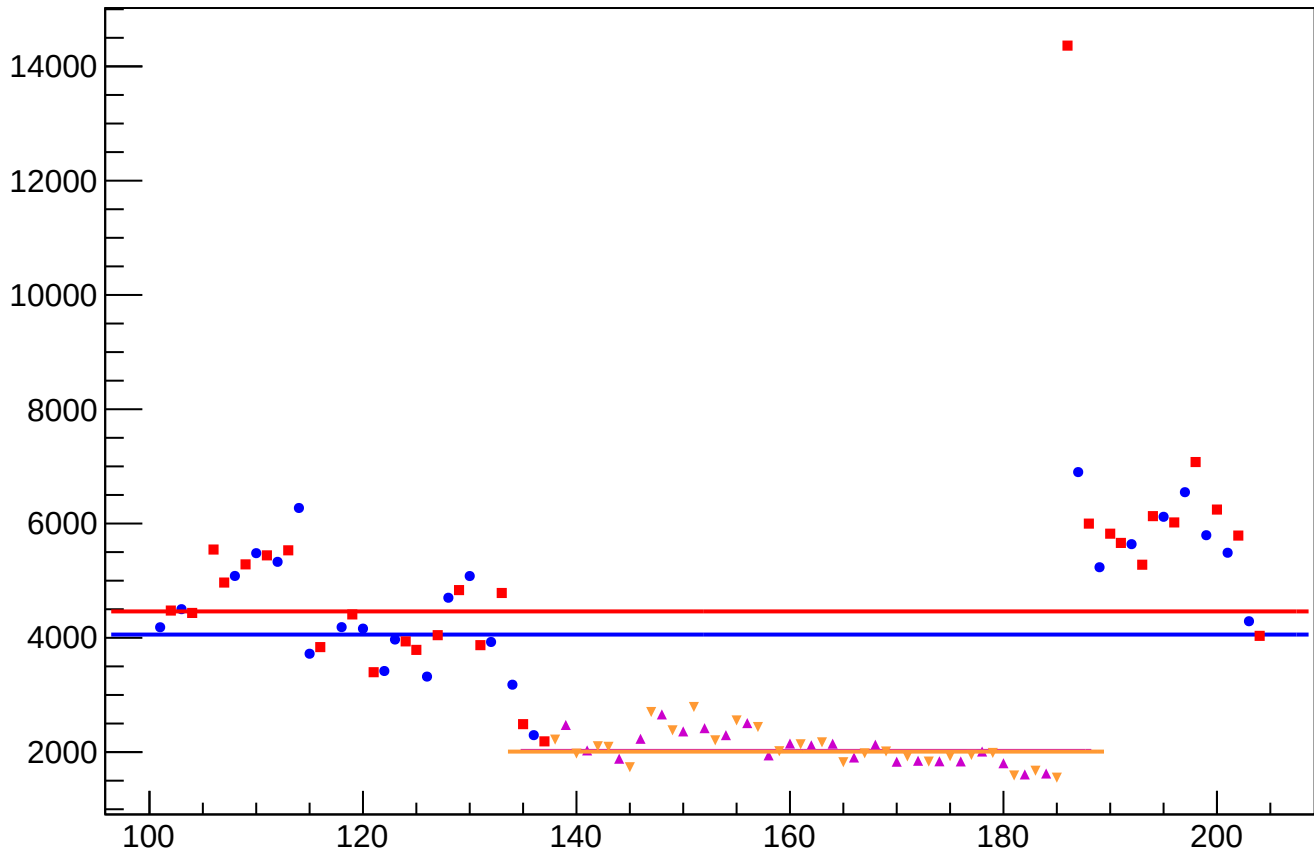
Left In: -180.087 $\pm$ 486.112 χ^2 /NDF:32.9/22

+ sign 1110.957 $\pm$ 443.119 χ^2 /NDF: 65.6/49

All: 566.792 $\pm$ 316.434 χ^2 /NDF: 128.1/101

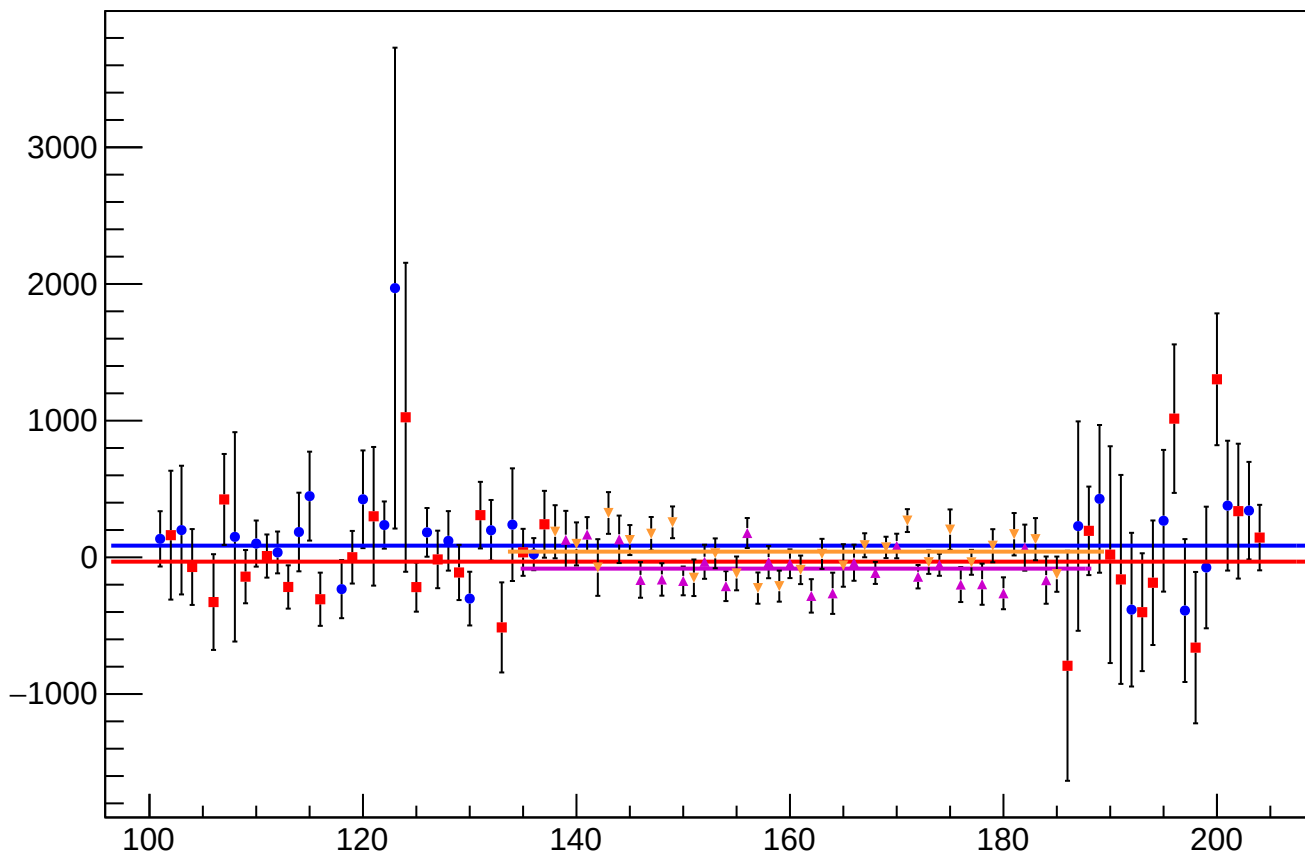
- sign 0.538 $\pm$ 452.024 χ^2 /NDF: 59.5/51

asym_sam2_rms vs Slug



Right In: 4056.857 ± 0.877 $\chi^2/\text{NDF}: 2160322.2/24$ + sign 2270.363 ± 0.313 $\chi^2/\text{NDF}: 7627373.7/49$
 Left Out: 2008.897 ± 0.335 $\chi^2/\text{NDF}: 709254.4/24$ All: 2310.002 ± 0.224 $\chi^2/\text{NDF}: 17588274.2/1$
 Right Out: 4462.052 ± 0.869 $\chi^2/\text{NDF}: 2526191.5/28$ - sign 2351.250 ± 0.320 $\chi^2/\text{NDF}: 9928242.4/51$
 Left In: 2020.887 ± 0.344 $\chi^2/\text{NDF}: 576363.5/22$

dit_asym_sam3_mean vs Slug



Right In: 85.559 ± 49.742 χ^2/NDF : 14.6/24

Left Out: 41.847 ± 23.035 χ^2/NDF : 39.1/24

Right Out: -31.507 ± 49.346 χ^2/NDF : 30.5/28

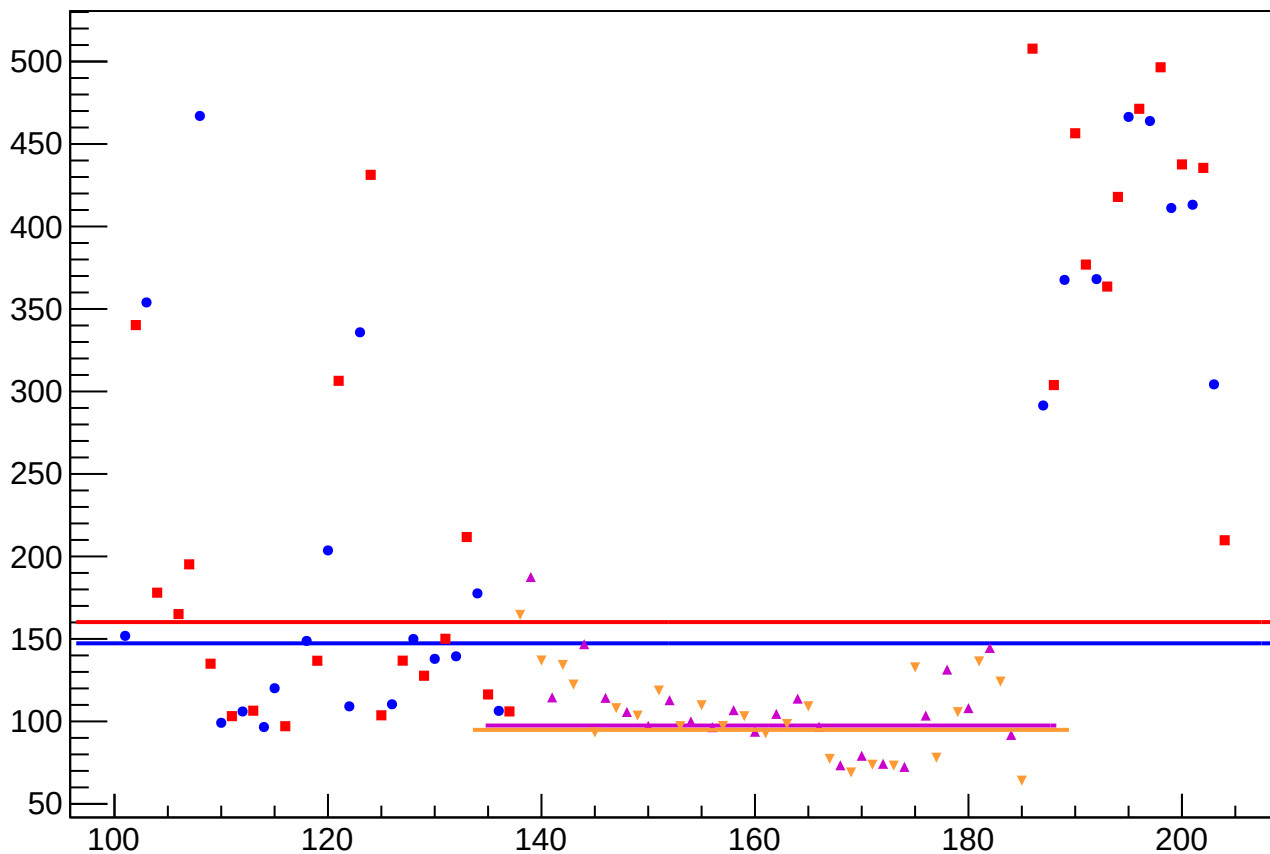
Left In: -82.630 ± 24.154 χ^2/NDF : 28.6/22

+ sign 49.566 ± 20.903 χ^2/NDF : 54.4/49

All: -9.320 ± 15.053 χ^2/NDF : 130.9/101

- sign -72.749 ± 21.694 χ^2/NDF : 60.0/51

dit_asym_sam3_rms vs Slug



Right In: 147.326 $\pm$ 0.035 χ^2 /NDF: 5557760.5/24

Left Out: 94.886 $\pm$ 0.016 χ^2 /NDF:1796861.0/24

Right Out: 160.210 $\pm$ 0.035 χ^2 /NDF: 6946803.0/28

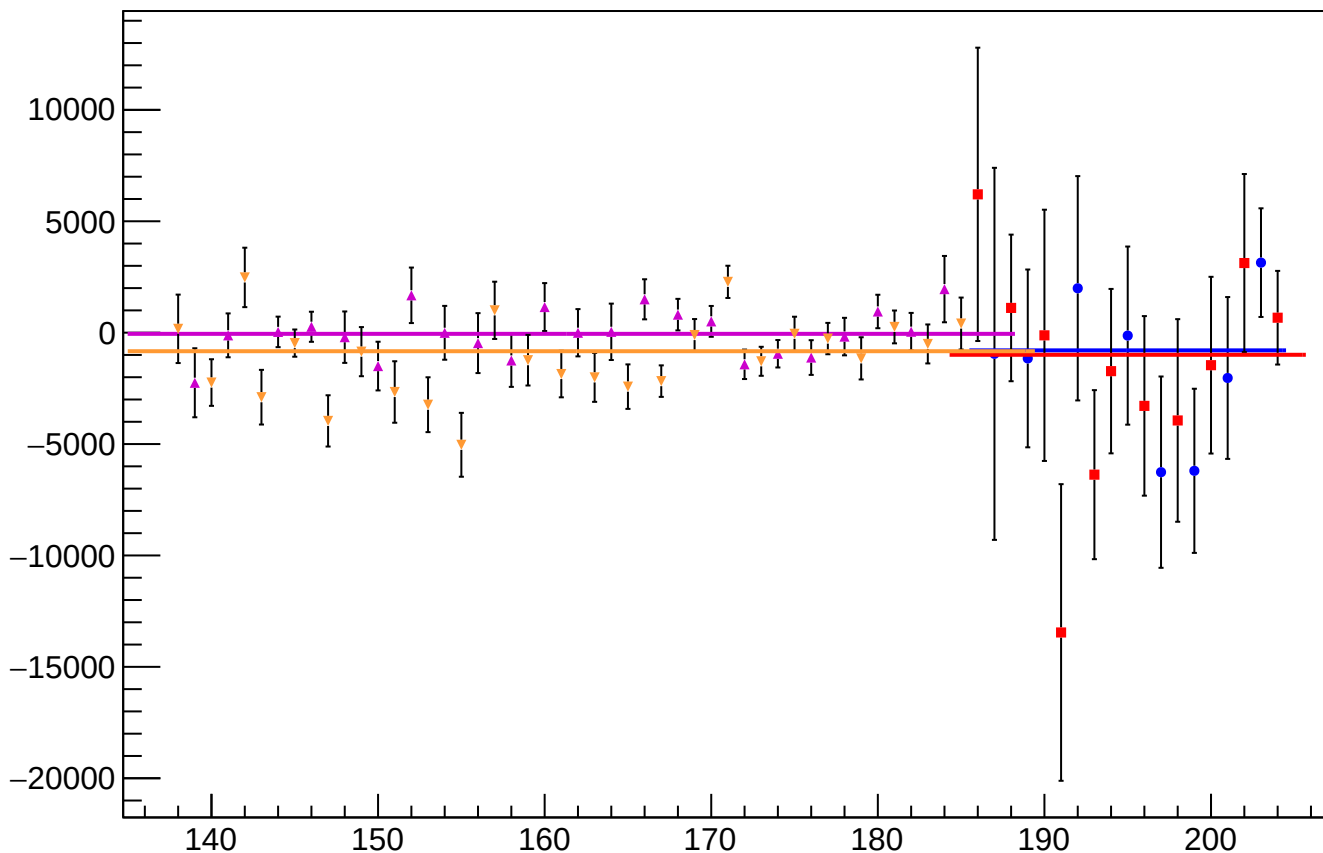
Left In: 97.499 $\pm$ 0.017 χ^2 /NDF:1561333.1/22

+ sign 104.147 $\pm$ 0.015 χ^2 /NDF: 9184926.1/49

All: 106.781 $\pm$ 0.011 χ^2 /NDF: 20364866.9/10

- sign 109.619 $\pm$ 0.015 χ^2 /NDF: 11113937.7/51

asym_sam3_correction_mean vs Slug



Right In: -794.614 ± 1347.049 χ^2/NDF : 6.8/7

Left Out: -832.580 ± 183.960 χ^2/NDF : 68.8/24

Right Out: -992.910 ± 1136.031 χ^2/NDF : 9.6/10

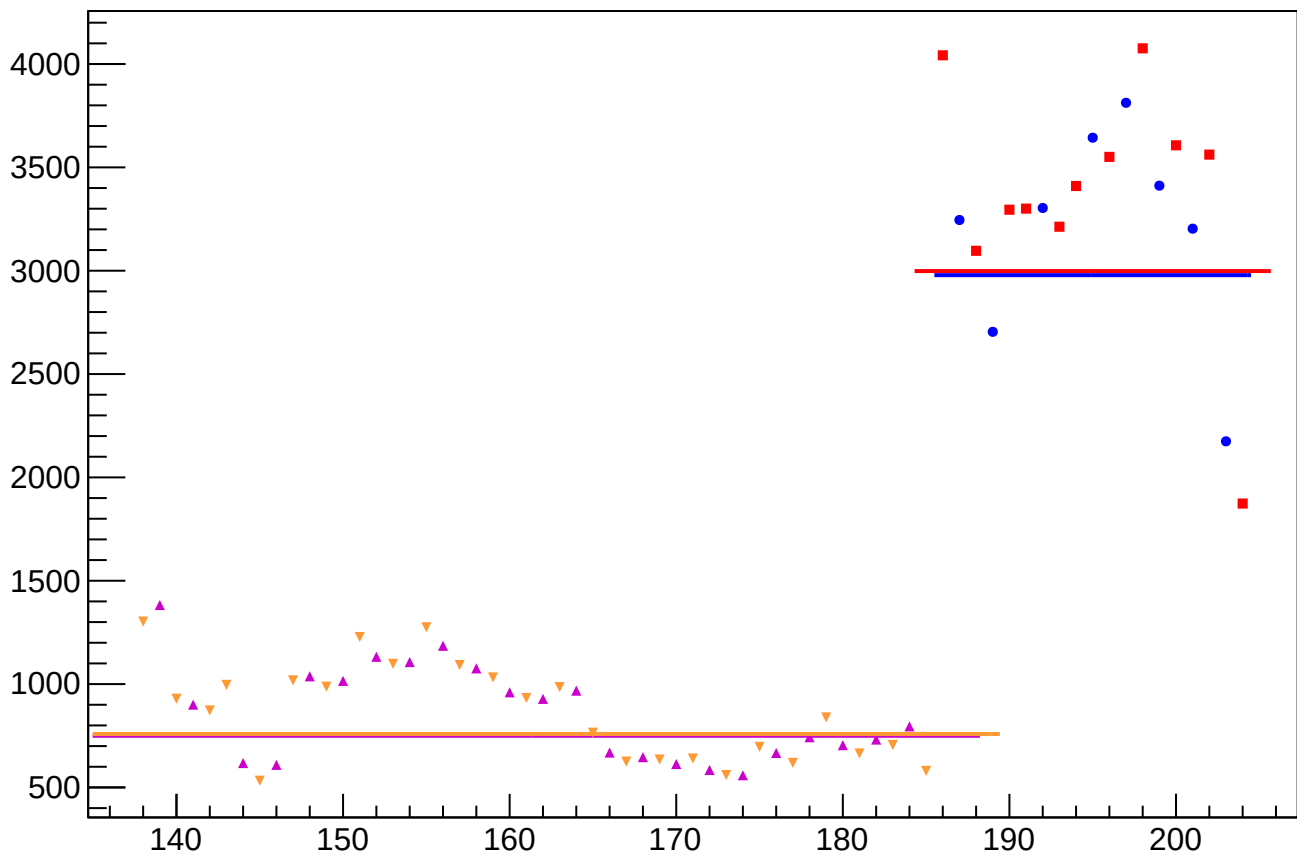
Left In: -53.006 ± 184.870 χ^2/NDF : 25.3/22

+ sign -831.885 ± 182.268 χ^2/NDF : 75.7/32

All: -454.986 ± 128.954 χ^2/NDF : 119.8/66

- sign -77.254 ± 182.470 χ^2/NDF : 35.6/33

asym_sam3_correction_rms vs Slug



Right In: 2978.545 $\pm$ 0.953 χ^2 /NDF: 403321.1/7

Left Out: 758.608 $\pm$ 0.130 χ^2 /NDF:2453711.9/24

Right Out: 2998.284 $\pm$ 0.803 χ^2 /NDF: 902397.8/10

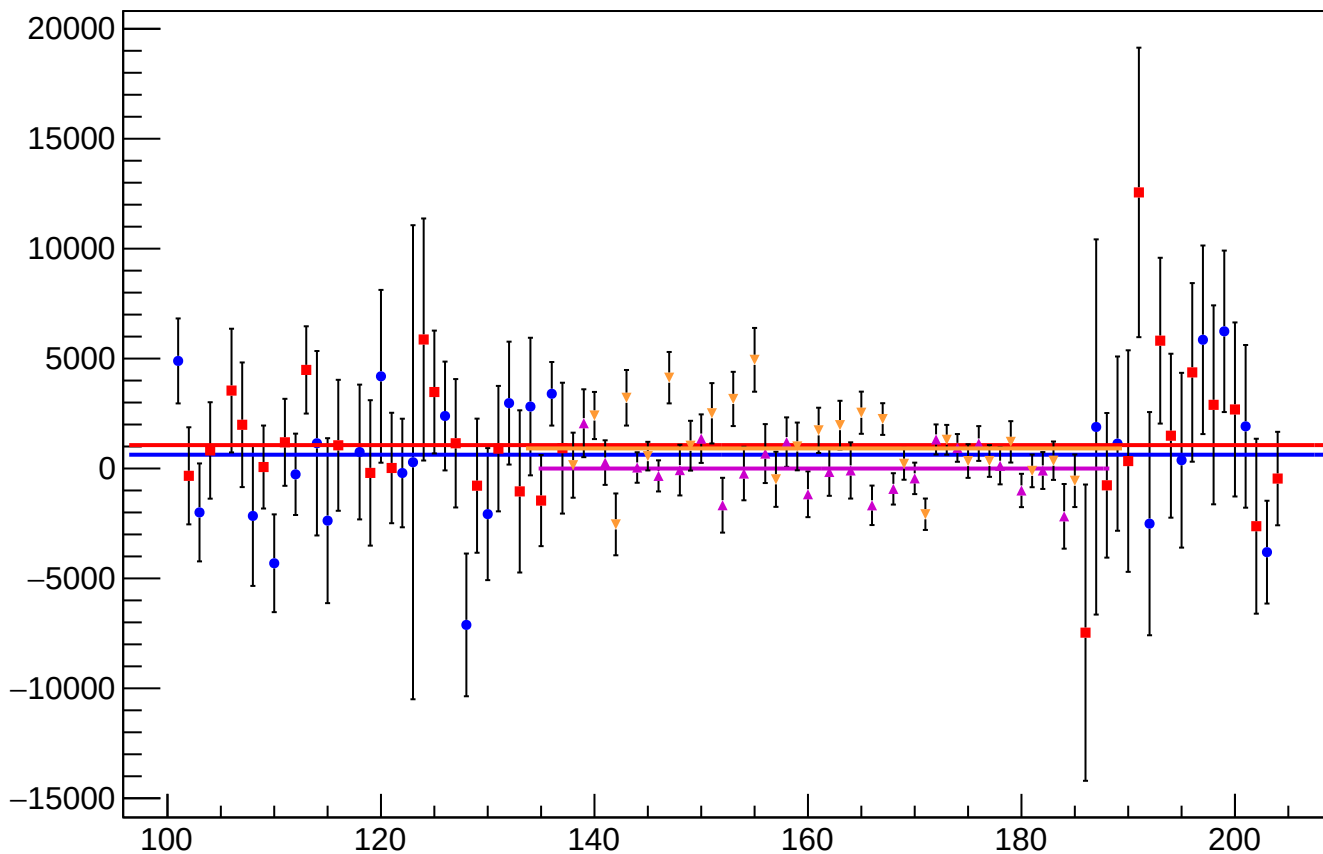
Left In: 749.995 $\pm$ 0.131 χ^2 /NDF:2186634.5/22

+ sign 799.252 $\pm$ 0.129 χ^2 /NDF: 8189395.4/32

All: 803.620 $\pm$ 0.091 χ^2 /NDF: 18912093.0/66

- sign 807.999 $\pm$ 0.129 χ^2 /NDF: 10720396.9/33

asym_sam3_mean vs Slug



Right In: 626.584 $\pm$ 561.202 χ^2 /NDF: 33.6/24

Left Out: 911.919 $\pm$ 186.104 χ^2 /NDF: 64.9/24

Right Out: 1063.725 $\pm$ 532.940 χ^2 /NDF: 17.5/28

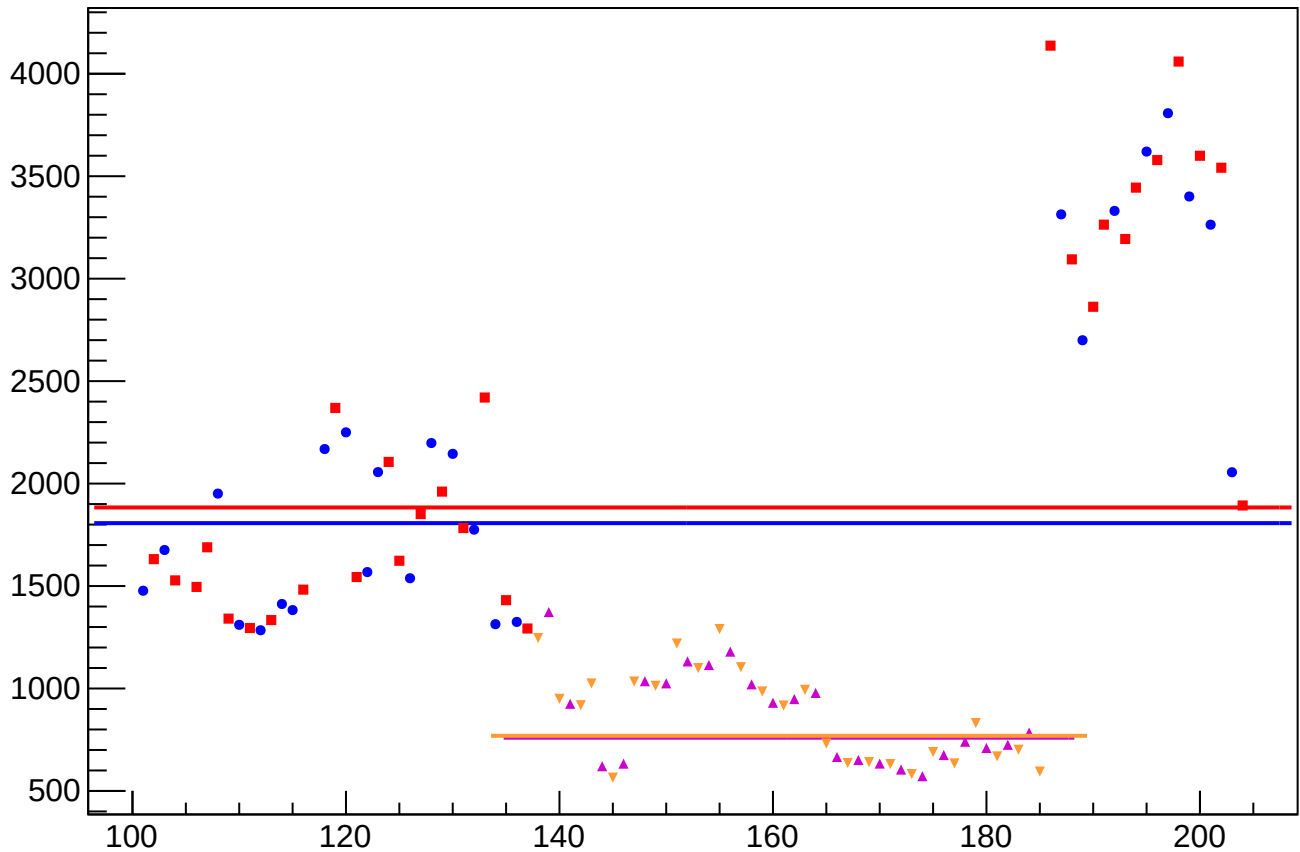
Left In: -2.470 $\pm$ 187.271 χ^2 /NDF: 25.6/22

+ sign 883.650 $\pm$ 176.645 χ^2 /NDF: 98.8/49

All: 499.258 $\pm$ 124.919 χ^2 /NDF: 154.9/101

- sign 114.711 $\pm$ 176.681 χ^2 /NDF: 46.7/51

asym_sam3_rms vs Slug



Right In: 1806.946 $\pm$ 0.397 χ^2 /NDF: 2699471.2/24

Left Out: 769.207 $\pm$ 0.132 χ^2 /NDF: 2275390.6/24

Right Out: 1883.446 $\pm$ 0.377 χ^2 /NDF: 3762391.7/28

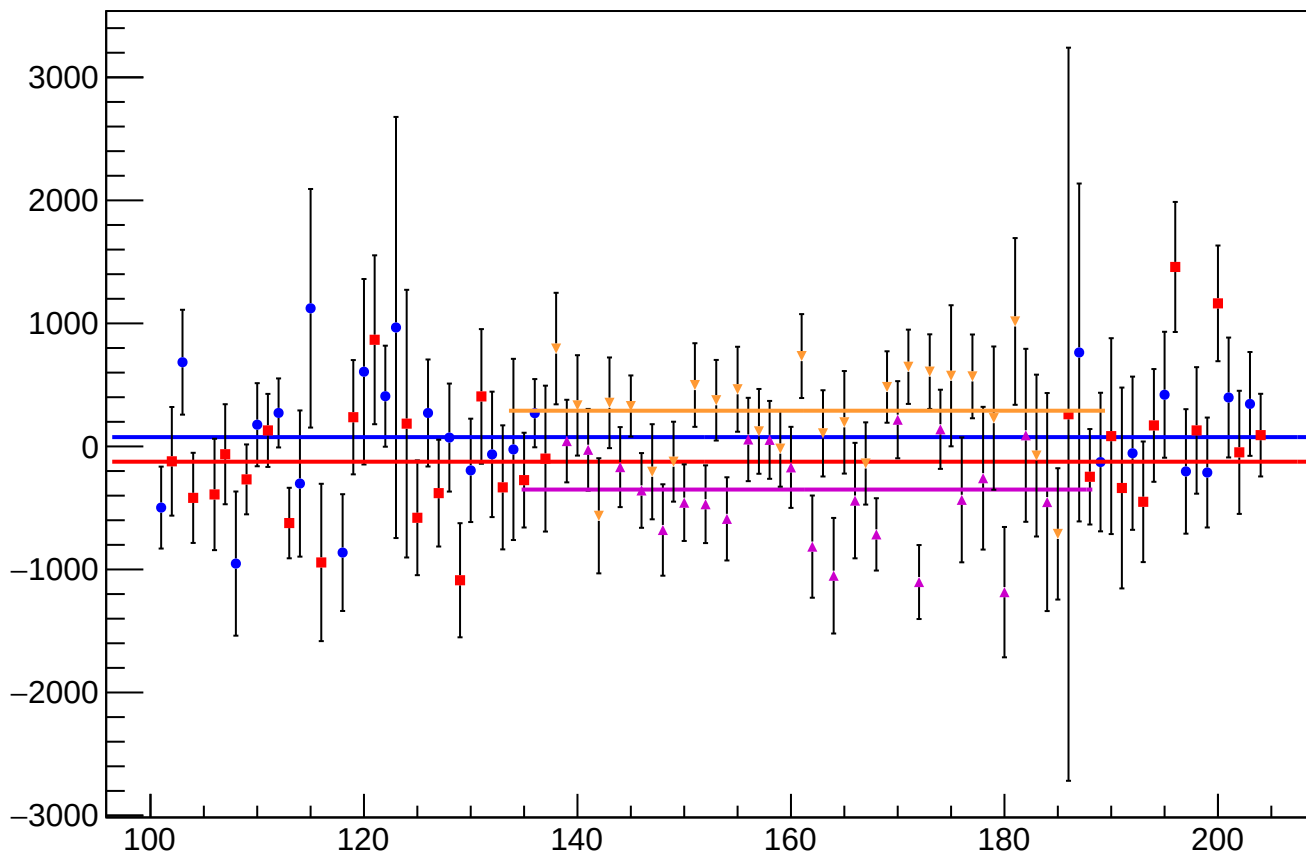
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ sign 872.021 $\pm$ 0.125 χ^2 /NDF: 11135923.3/49

All: 877.717 $\pm$ 0.088 χ^2 /NDF: 24828756.2/10

- sign 883.415 $\pm$ 0.125 χ^2 /NDF: 13688672.9/51

dit_asym_sam4_mean vs Slug



Right In: 75.670 ± 91.690 $\chi^2/\text{NDF}: 19.2/24$

Left Out: 290.293 ± 72.910 $\chi^2/\text{NDF}: 22.3/24$

Right Out: -124.161 ± 83.222 $\chi^2/\text{NDF}: 34.6/28$

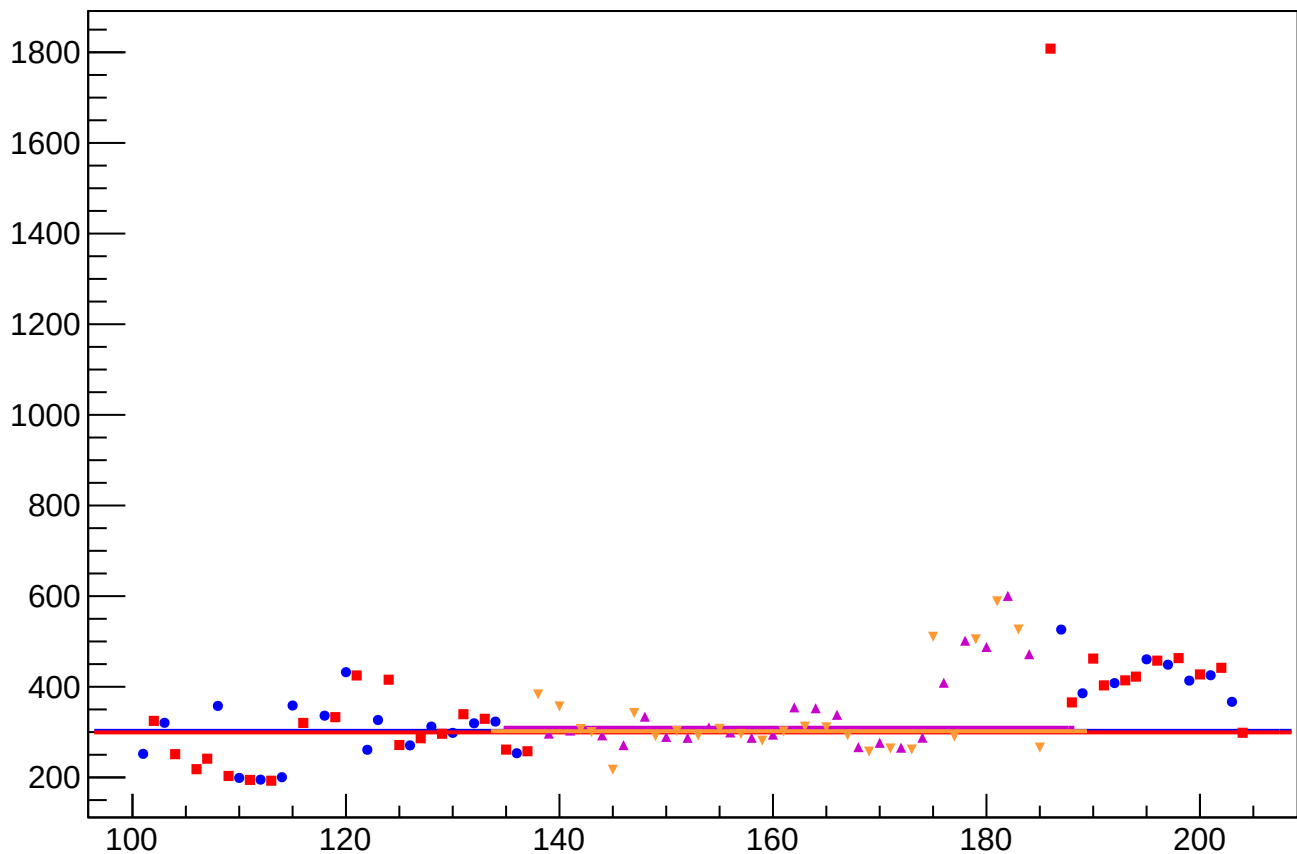
Left In: -350.522 ± 75.911 $\chi^2/\text{NDF}: 27.4/22$

+ sign 207.154 ± 57.067 $\chi^2/\text{NDF}: 44.9/49$

All: -24.234 ± 40.000 $\chi^2/\text{NDF}: 143.2/101$

- sign -247.719 ± 56.084 $\chi^2/\text{NDF}: 66.0/51$

dit_asym_sam4_rms vs Slug



Right In: 302.756 ± 0.065 χ^2/NDF : 1592409.0/24

Left Out: 302.040 ± 0.052 χ^2/NDF : 1597233.8/24

Right Out: 299.362 ± 0.059 χ^2/NDF : 2693220.0/28

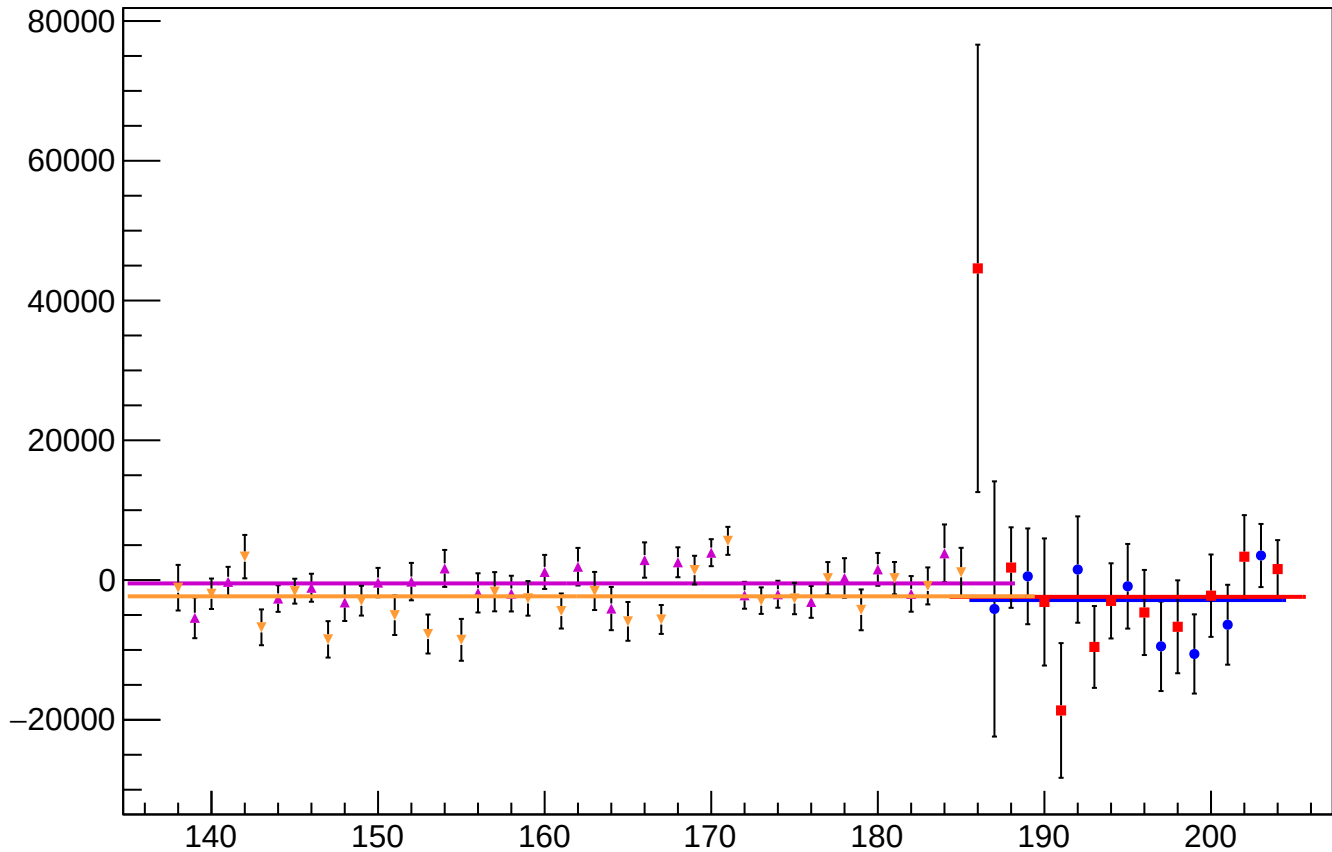
Left In: 309.609 ± 0.054 χ^2/NDF : 1180280.8/22

+ sign 302.318 ± 0.040 χ^2/NDF : 3189717.5/49

All: 303.660 ± 0.028 χ^2/NDF : 7081943.4/100

- sign 304.956 ± 0.040 χ^2/NDF : 3890052.2/51

asym_sam4_correction_mean vs Slug



Right In: -2859.667 ± 2214.377 χ^2/NDF : 6.0/7

Left Out: -2325.488 ± 486.043 χ^2/NDF : 49.8/24

Right Out: -2401.509 ± 1881.494 χ^2/NDF : 9.4/10

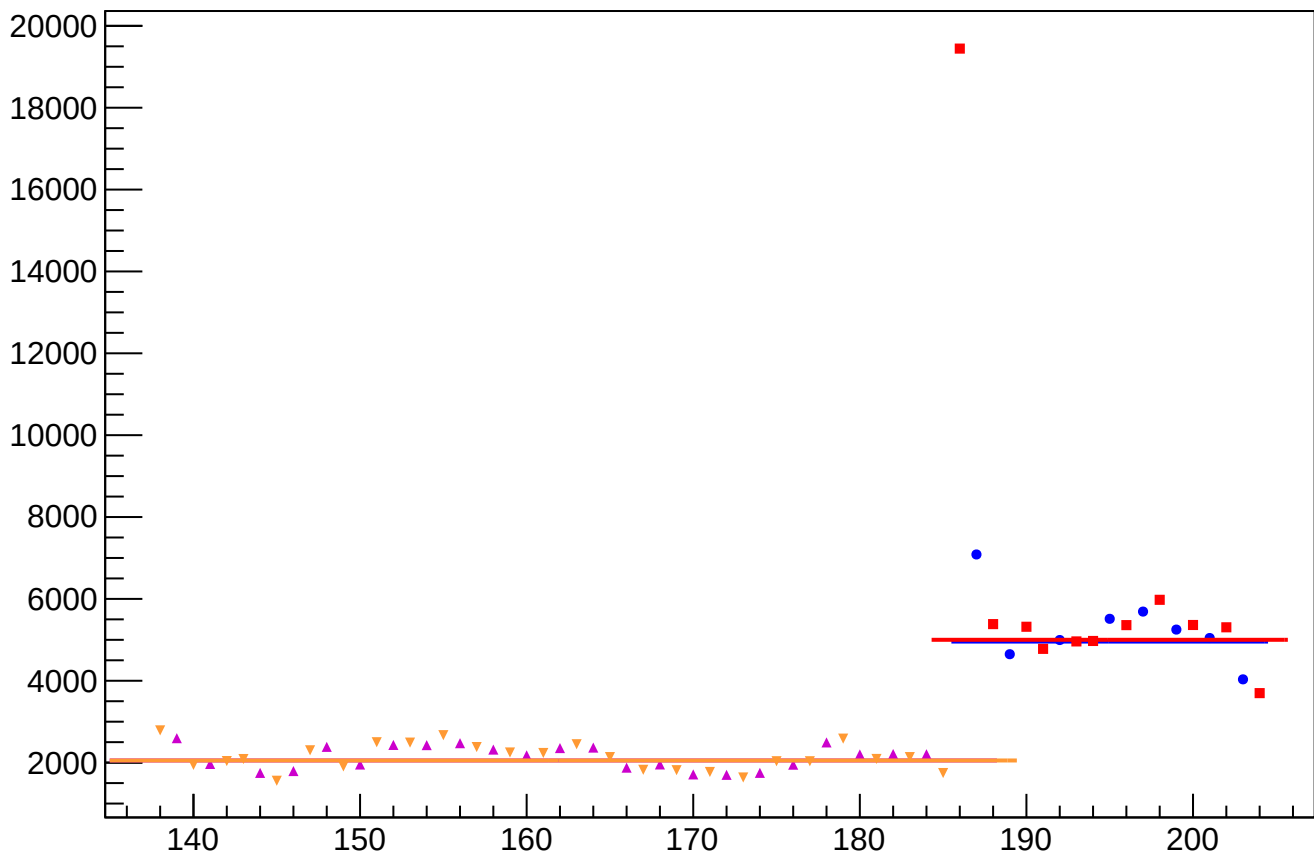
Left In: -477.779 ± 494.228 χ^2/NDF : 23.1/22

+ sign -2350.040 ± 474.742 χ^2/NDF : 55.9/32

All: -1481.995 ± 336.843 χ^2/NDF : 96.1/66

- sign -601.949 ± 478.012 χ^2/NDF : 33.5/33

asym_sam4_correction_rms vs Slug



Right In: 4957.671+/-1.566 χ^2/NDF : 163588.6/7

Left Out: 2052.401+/-0.344 χ^2/NDF : 838023.2/24

Right Out: 5000.731+/-1.330 χ^2/NDF : 680045.9/10

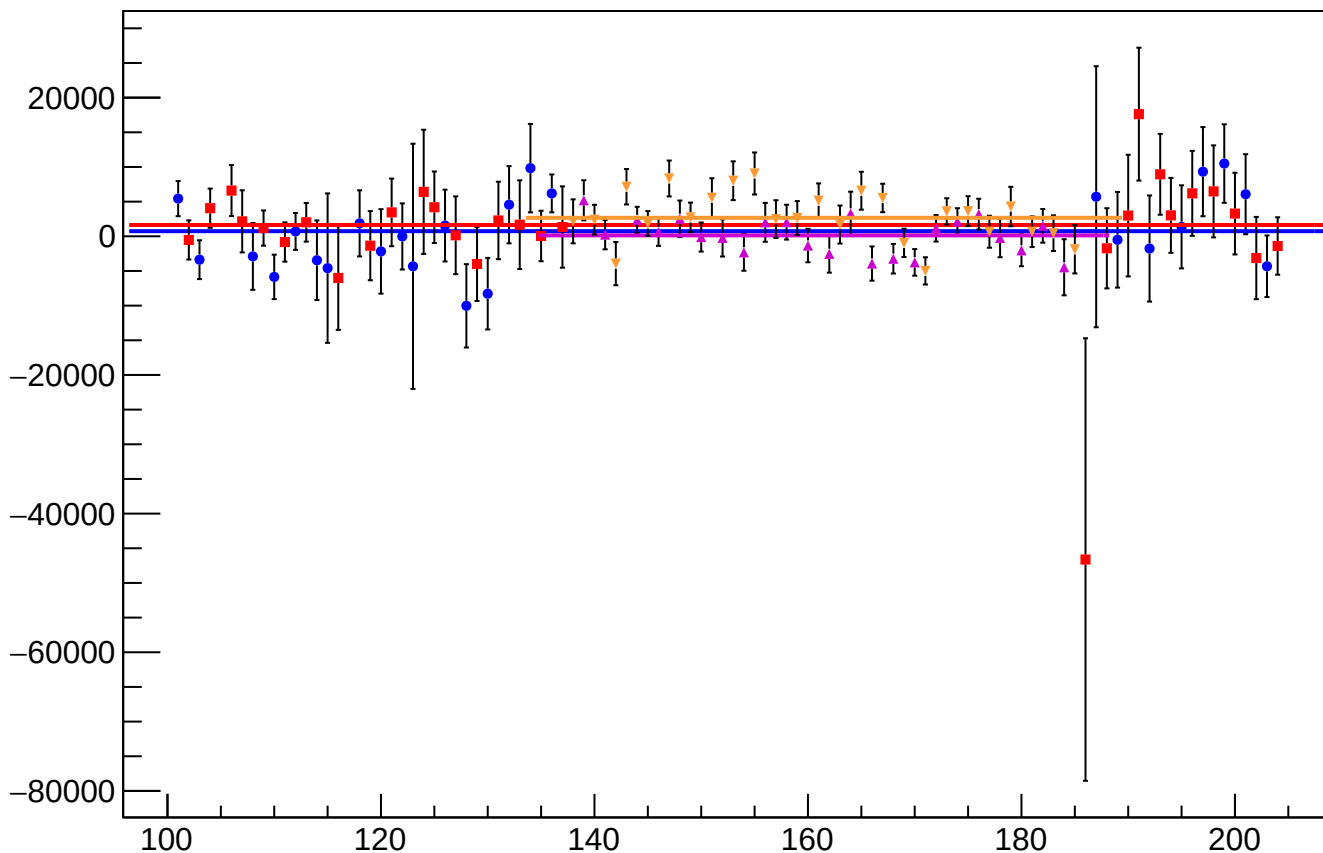
Left In: 2052.384+/-0.349 χ^2/NDF : 653872.2/22

+ sign 2185.937+/-0.336 χ^2/NDF : 4286079.6/32

All: 2214.118+/-0.238 χ^2/NDF : 10228324.3/6

- sign 2242.689+/-0.338 χ^2/NDF : 5928052.2/33

asym_sam4_mean vs Slug



Right In: 738.842 ± 905.359 χ^2/NDF : 31.4/24

Left Out: 2667.050 ± 480.963 χ^2/NDF : 50.0/24

Right Out: 1629.115 ± 832.458 χ^2/NDF : 16.8/28

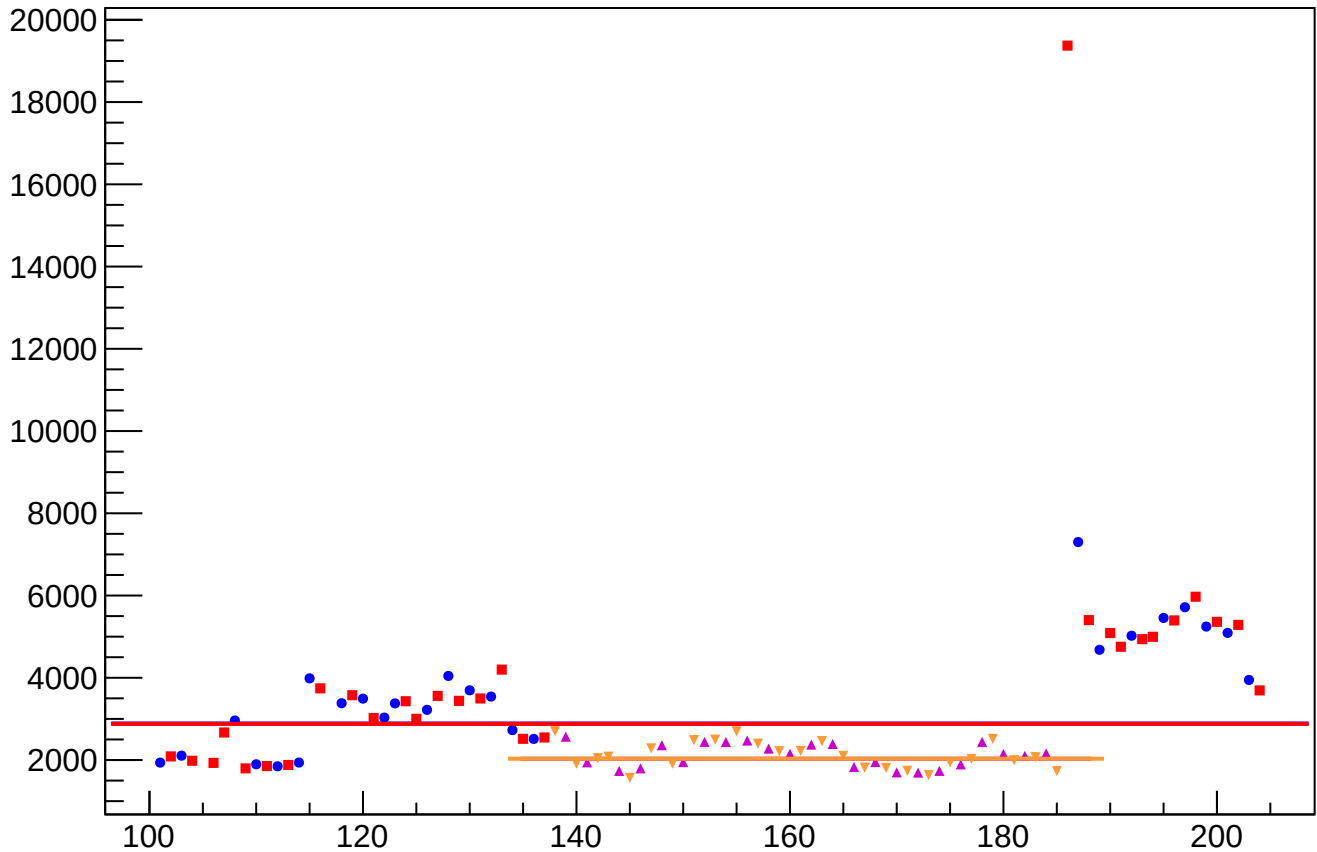
Left In: 132.307 ± 489.752 χ^2/NDF : 24.7/22

+ sign 2242.651 ± 424.748 χ^2/NDF : 85.0/49

All: 1374.555 ± 299.408 χ^2/NDF : 137.2/101

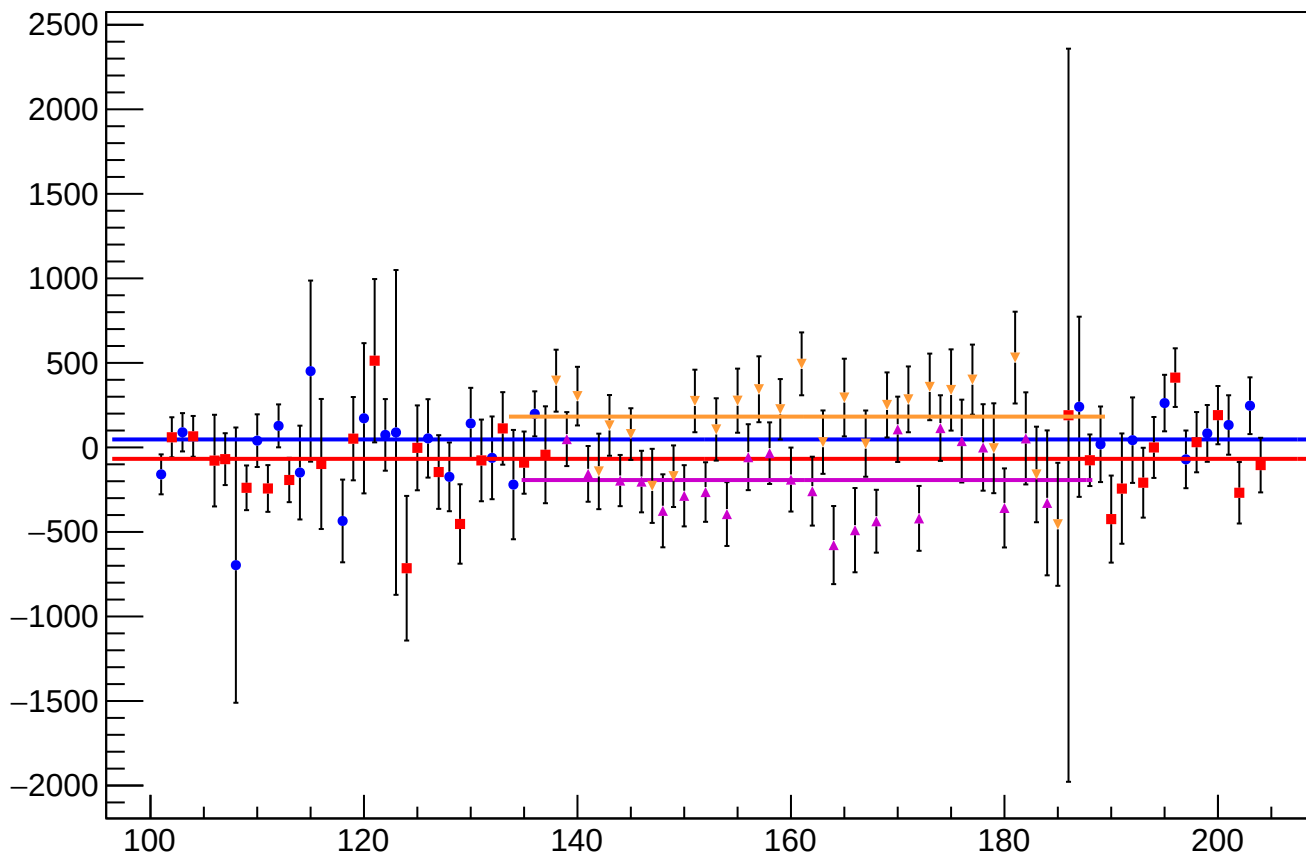
- sign 517.173 ± 422.118 χ^2/NDF : 44.0/51

asym_sam4_rms vs Slug



Right In: 2887.840+/-0.640	χ^2/NDF : 3159466.3/24	+ sign 2220.762+/-0.300	χ^2/NDF : 5376088.5/49
Left Out: 2032.502+/-0.340	χ^2/NDF : 824418.6/24	All: 2235.275+/-0.212	χ^2/NDF : 12421138.8/51
Right Out: 2879.206+/-0.589	χ^2/NDF : 4847049.1/28	- sign 2249.609+/-0.298	χ^2/NDF : 7040409.2/51
Left In: 2031.692+/-0.346	χ^2/NDF : 653382.0/22		

dit_asym_sam5_mean vs Slug



Right In: 47.240 ± 38.456 $\chi^2/\text{NDF}: 17.0/24$

Left Out: 182.238 ± 40.102 $\chi^2/\text{NDF}: 26.9/24$

Right Out: -67.592 ± 34.898 $\chi^2/\text{NDF}: 28.5/28$

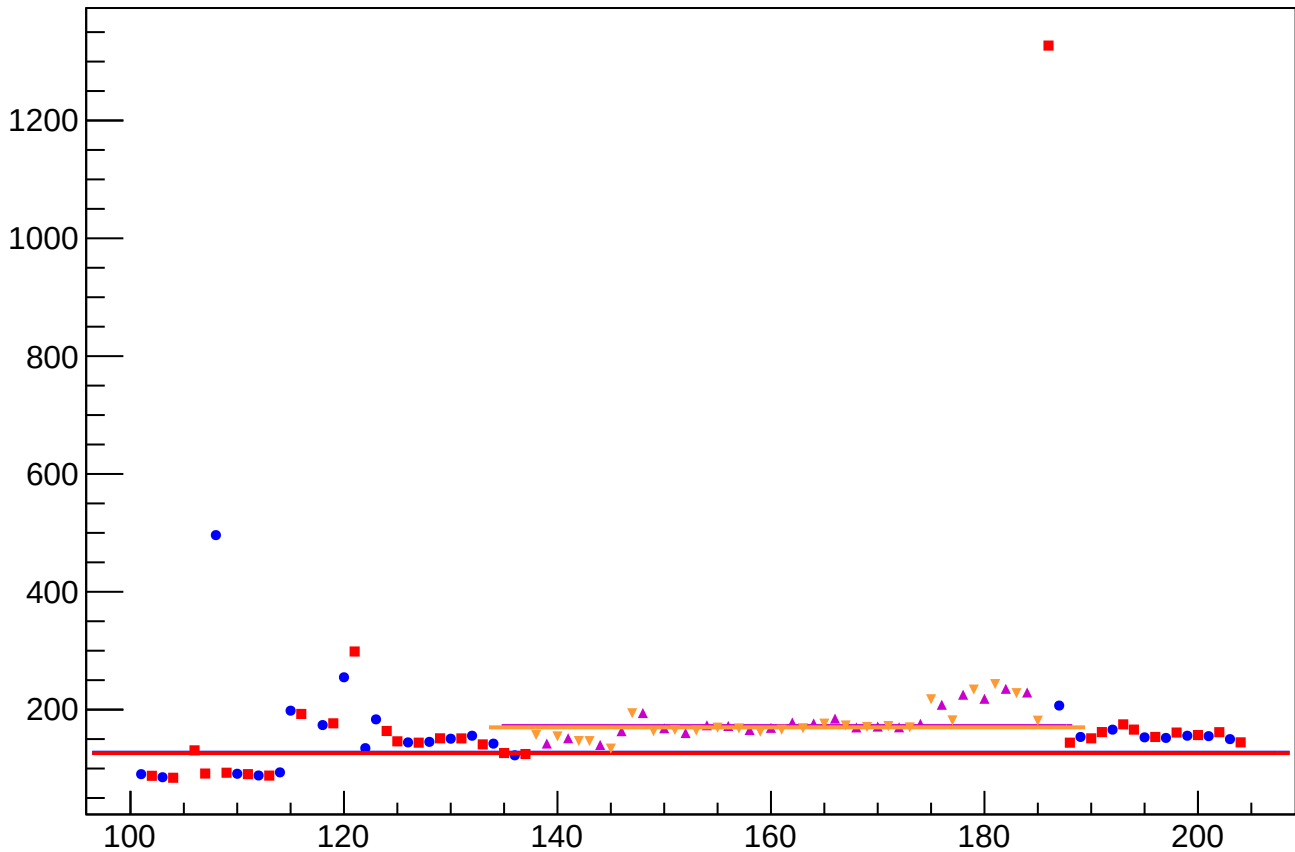
Left In: -193.004 ± 41.384 $\chi^2/\text{NDF}: 21.1/22$

+ sign 111.911 ± 27.756 $\chi^2/\text{NDF}: 49.8/49$

All: -8.482 ± 19.234 $\chi^2/\text{NDF}: 141.0/101$

- sign -119.710 ± 26.678 $\chi^2/\text{NDF}: 54.9/51$

dit_asym_sam5_rms vs Slug



Right In: 126.834 $\pm$ 0.027 χ^2 /NDF: 1924380.1/24

Left Out: 169.906 $\pm$ 0.028 χ^2 /NDF: 663159.2/24

Right Out: 126.188 $\pm$ 0.025 χ^2 /NDF: 2662279.4/28

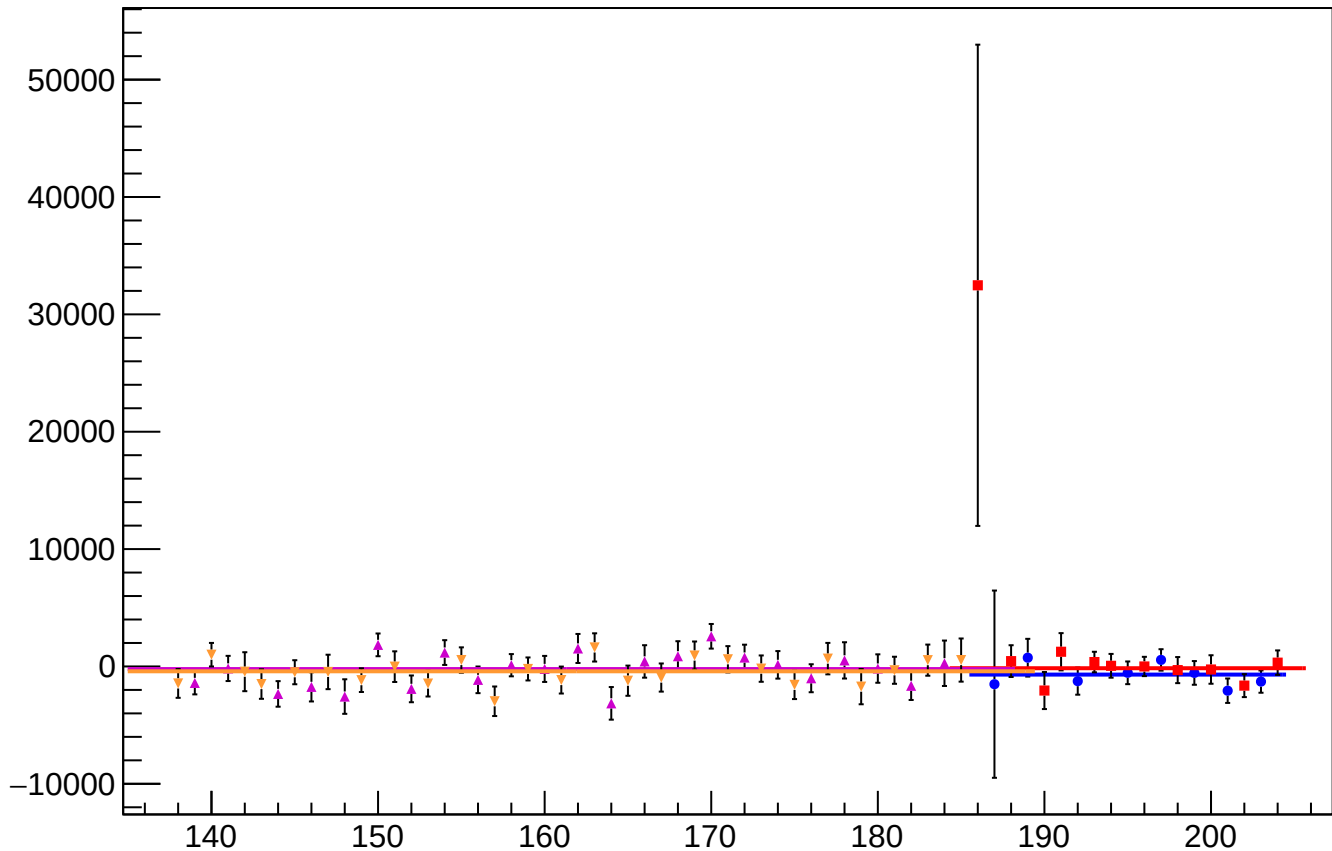
Left In: 172.065 $\pm$ 0.029 χ^2 /NDF: 589733.9/22

+ sign 147.468 $\pm$ 0.020 χ^2 /NDF: 3789493.4/49

All: 146.317 $\pm$ 0.014 χ^2 /NDF: 8484540.0/100

- sign 145.253 $\pm$ 0.019 χ^2 /NDF: 4688431.0/51

asym_sam5_correction_mean vs Slug



Right In: -693.813+/-394.228 χ^2/NDF : 5.1/7

Left Out: -412.804+/-240.278 χ^2/NDF : 19.0/24

Right Out: -151.377+/-341.809 χ^2/NDF : 7.9/10

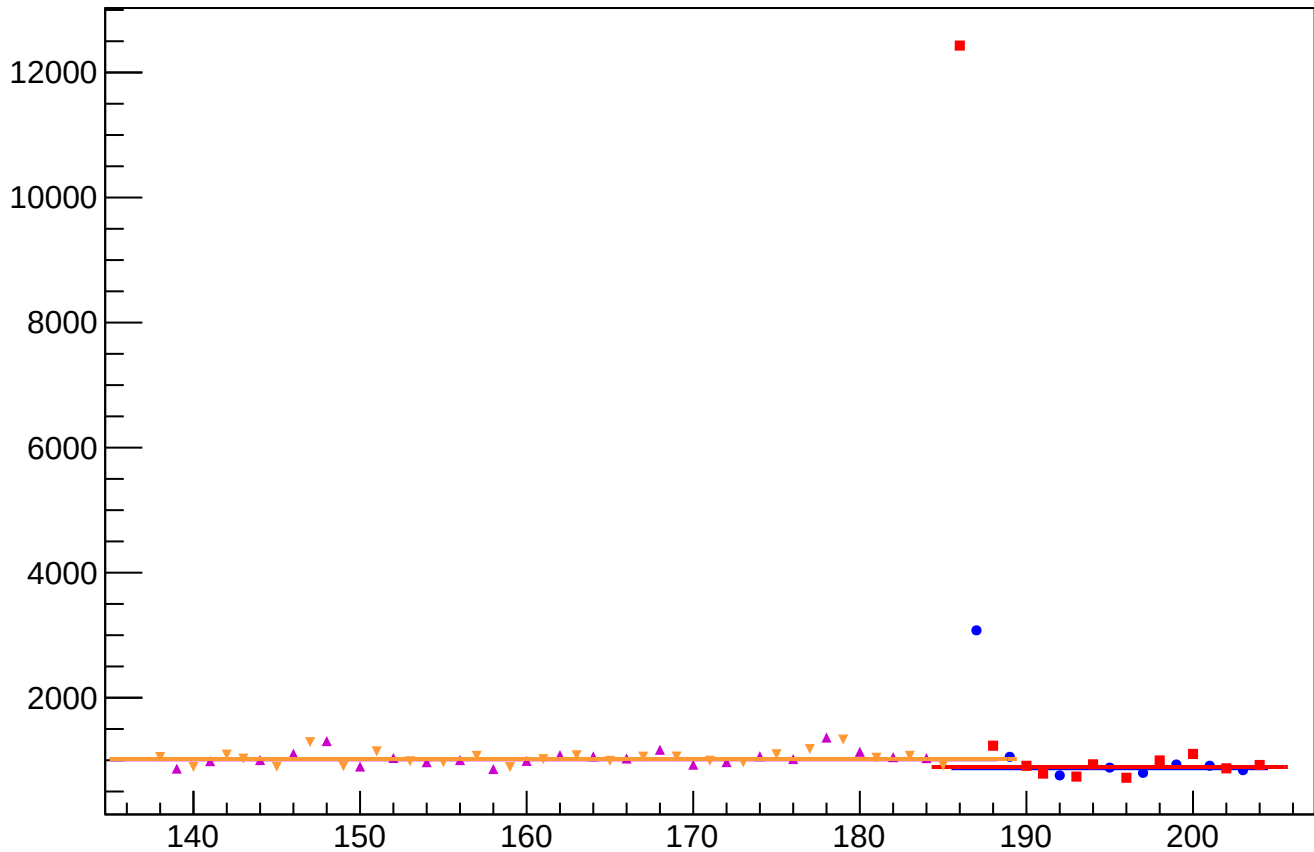
Left In: -223.332+/-243.771 χ^2/NDF : 36.0/22

+ sign -488.918+/-205.173 χ^2/NDF : 24.5/32

All: -339.183+/-142.650 χ^2/NDF : 69.5/66

- sign -199.073+/-198.469 χ^2/NDF : 44.0/33

asym_sam5_correction_rms vs Slug



Right In: 872.684 $\pm$ 0.279 χ^2 /NDF: 223682.3/7

Left Out: 1020.149 $\pm$ 0.170 χ^2 /NDF: 369866.7/24

Right Out: 891.923 $\pm$ 0.242 χ^2 /NDF: 1001982.0/10

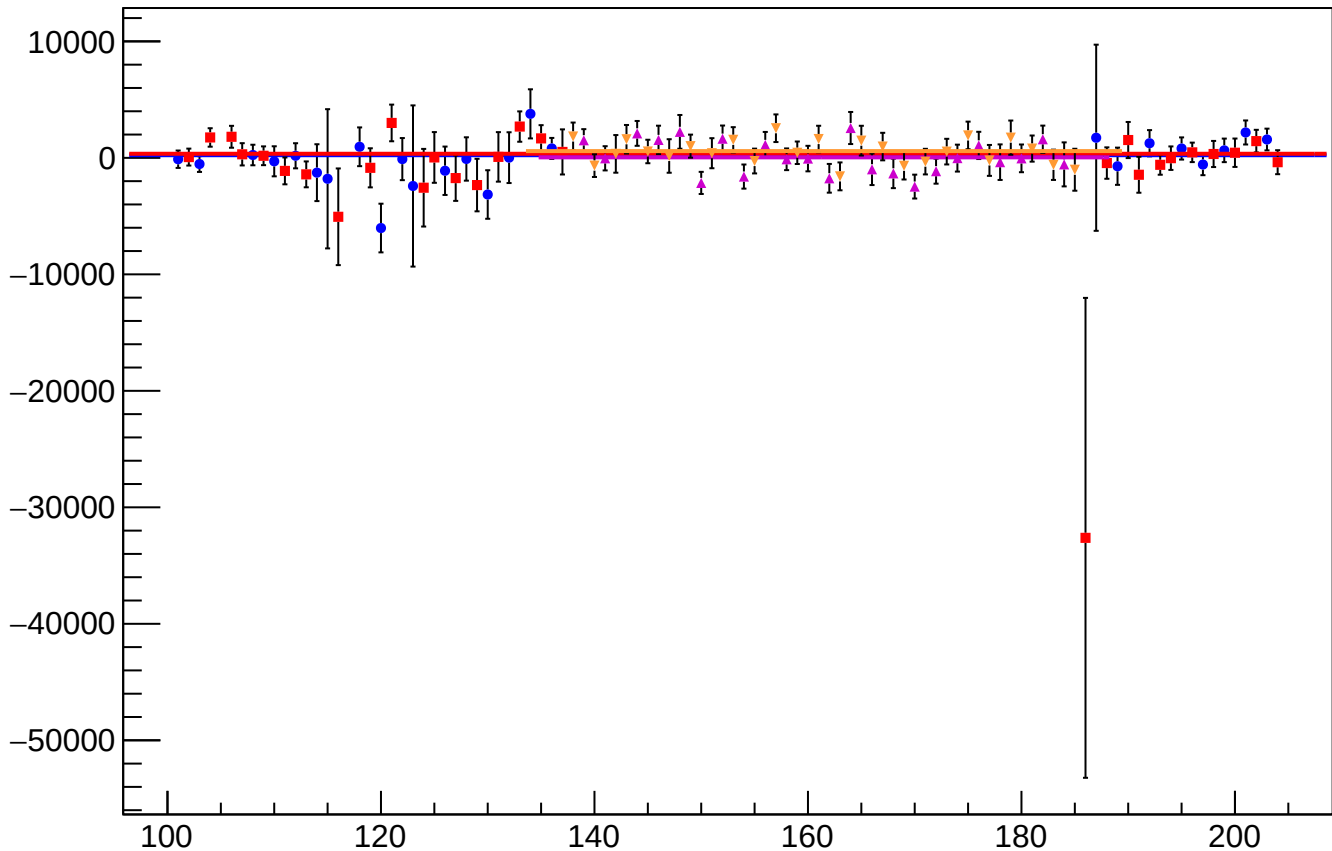
Left In: 1015.000 $\pm$ 0.172 χ^2 /NDF: 404865.5/22

+ sign 980.207 $\pm$ 0.145 χ^2 /NDF: 797591.3/32

All: 976.745 $\pm$ 0.101 χ^2 /NDF: 2377422.6/66

- sign 973.505 $\pm$ 0.140 χ^2 /NDF: 1578729.1/33

asym_sam5_mean vs Slug



Right In: 227.181 ± 243.967 $\chi^2/\text{NDF}: 26.0/24$

Left Out: 580.226 ± 235.583 $\chi^2/\text{NDF}: 18.4/24$

Right Out: 351.772 ± 218.741 $\chi^2/\text{NDF}: 30.9/28$

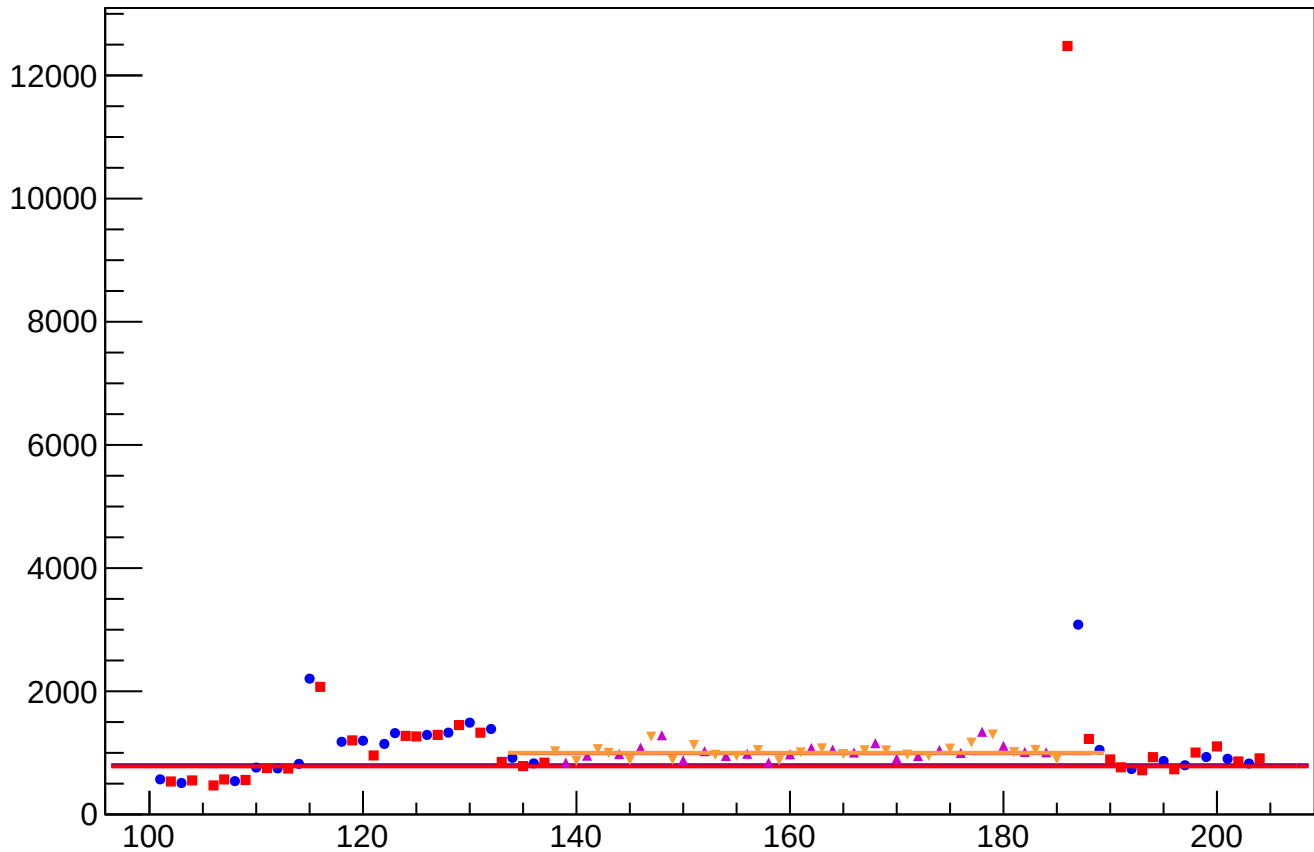
Left In: 42.397 ± 239.278 $\chi^2/\text{NDF}: 37.9/22$

+ sign 409.874 ± 169.469 $\chi^2/\text{NDF}: 45.4/49$

All: 305.581 ± 116.893 $\chi^2/\text{NDF}: 115.8/101$

- sign 210.929 ± 161.447 $\chi^2/\text{NDF}: 69.7/51$

asym_sam5_rms vs Slug



Right In: 798.524+/-0.173 χ^2/NDF : 2033321.9/24

Left Out: 1001.233+/-0.167 χ^2/NDF : 370278.3/24

Right Out: 781.044+/-0.155 χ^2/NDF : 3006835.6/28

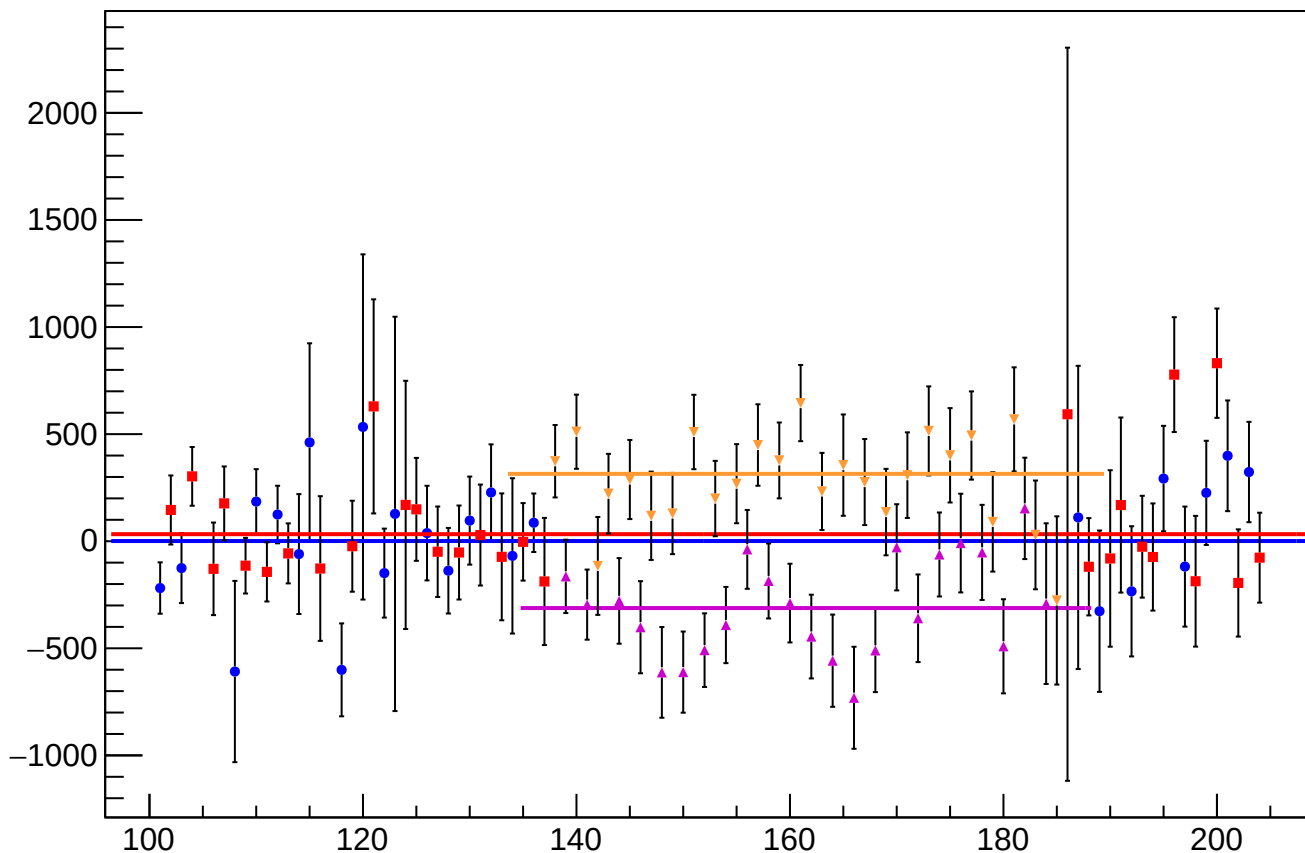
Left In: 995.590+/-0.169 χ^2/NDF : 424434.6/22

+ sign 903.421+/-0.120 χ^2/NDF : 3118101.1/49

All: 890.470+/-0.083 χ^2/NDF : 7447569.0/100

- sign 878.716+/-0.114 χ^2/NDF : 4307186.0/51

dit_asym_sam6_mean vs Slug



Right In: 0.839 ± 43.622 χ^2/NDF : 28.3/24

Left Out: 314.517 ± 39.818 χ^2/NDF : 21.4/24

Right Out: 32.922 ± 40.076 χ^2/NDF : 32.1/28

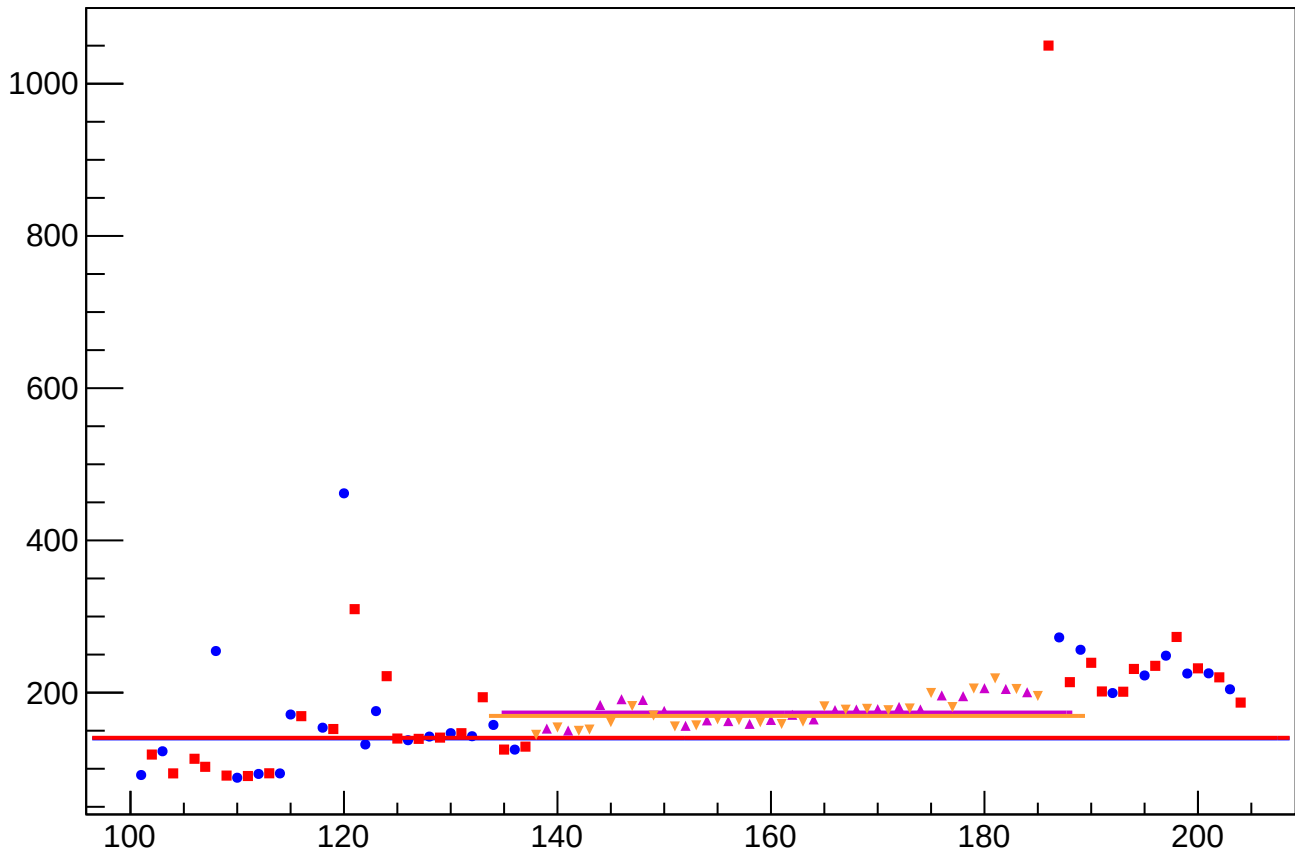
Left In: -312.097 ± 41.646 χ^2/NDF : 26.9/22

+ sign 171.949 ± 29.408 χ^2/NDF : 77.9/49

All: 16.712 ± 20.604 χ^2/NDF : 227.2/101

- sign -132.962 ± 28.877 χ^2/NDF : 94.6/51

dit_asym_sam6_rms vs Slug



Right In: 139.855 ± 0.031 χ^2/NDF : 2872933.3/24

Left Out: 169.432 ± 0.028 χ^2/NDF : 386461.5/24

Right Out: 140.665 ± 0.028 χ^2/NDF : 4050134.6/28

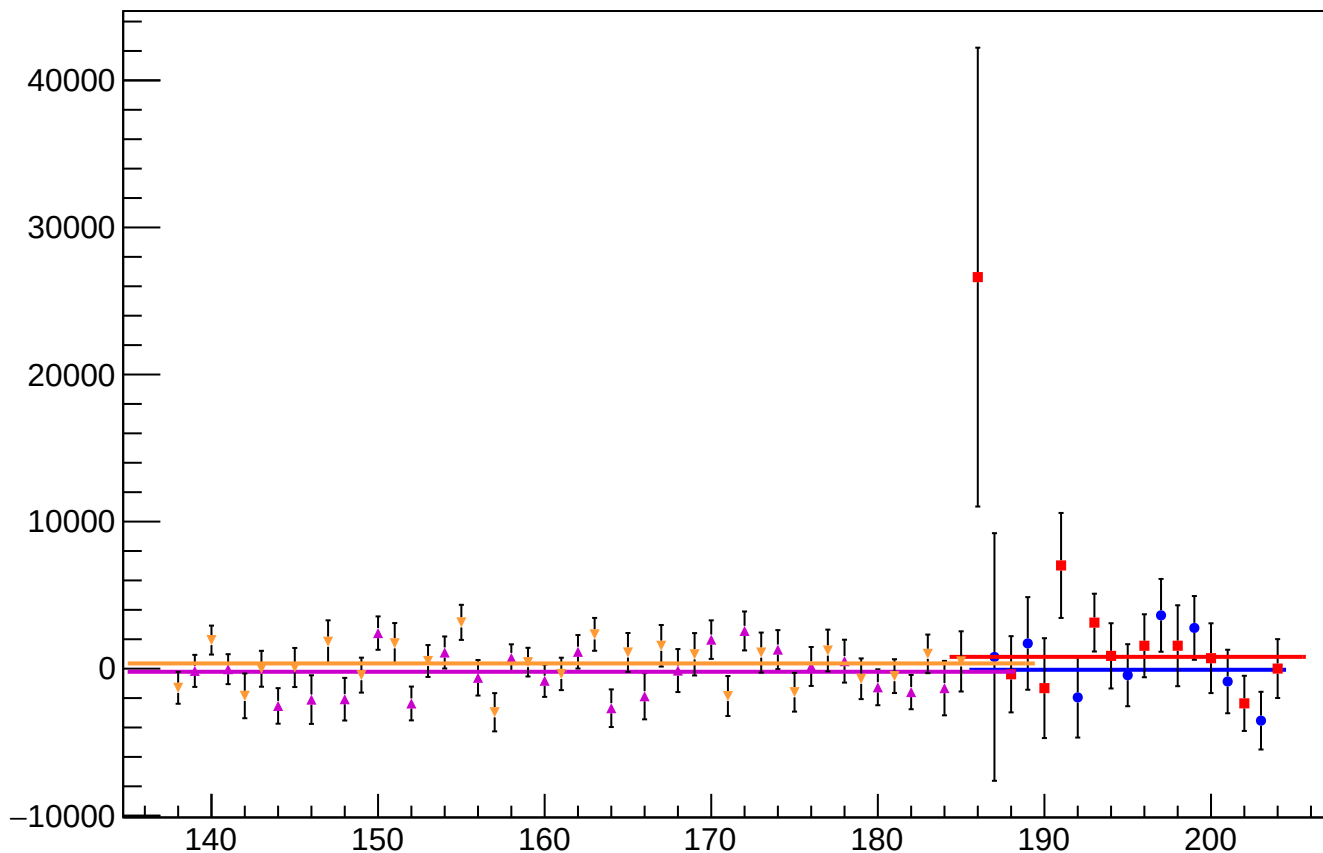
Left In: 173.847 ± 0.029 χ^2/NDF : 291729.8/22

+ sign 155.989 ± 0.021 χ^2/NDF : 3760948.4/49

All: 156.309 ± 0.015 χ^2/NDF : 8762492.5/103

- sign 156.619 ± 0.020 χ^2/NDF : 5001076.9/51

asym_sam6_correction_mean vs Slug



Right In: -76.157 $\pm$ 869.135 χ^2/NDF : 8.0/7

Left Out: 356.612 $\pm$ 250.934 χ^2/NDF : 33.4/24

Right Out: 803.203 $\pm$ 736.761 χ^2/NDF : 11.0/10

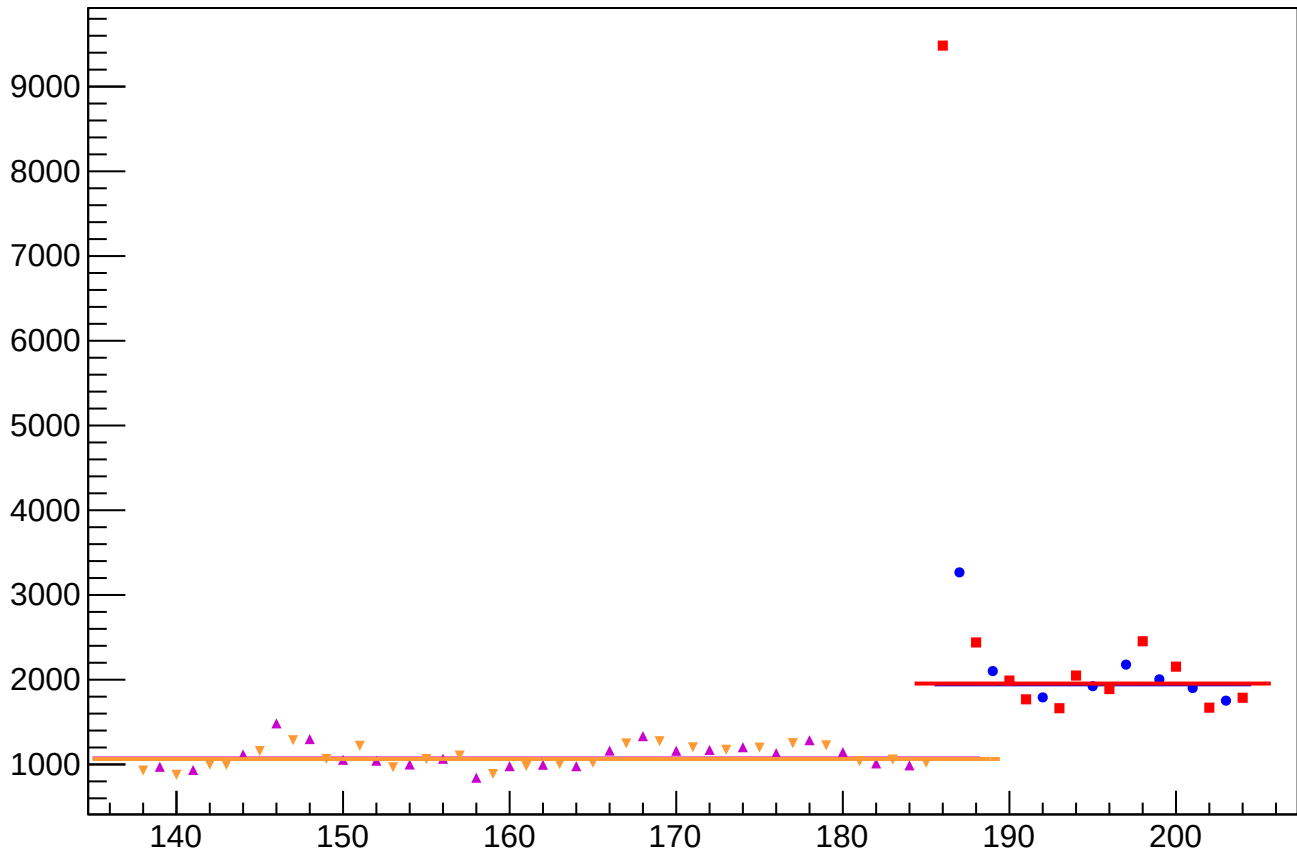
Left In: -212.007 $\pm$ 257.383 χ^2/NDF : 36.0/22

+ sign 323.313 $\pm$ 241.087 χ^2/NDF : 41.6/32

All: 112.528 $\pm$ 171.141 χ^2/NDF : 91.9/66

- sign -101.585 $\pm$ 242.983 χ^2/NDF : 48.7/33

asym_sam6_correction_rms vs Slug



Right In: 1945.416+/-0.615 χ^2/NDF : 100057.6/7

Left Out: 1064.868+/-0.177 χ^2/NDF : 493614.2/24

Right Out: 1954.552+/-0.521 χ^2/NDF : 730964.2/10

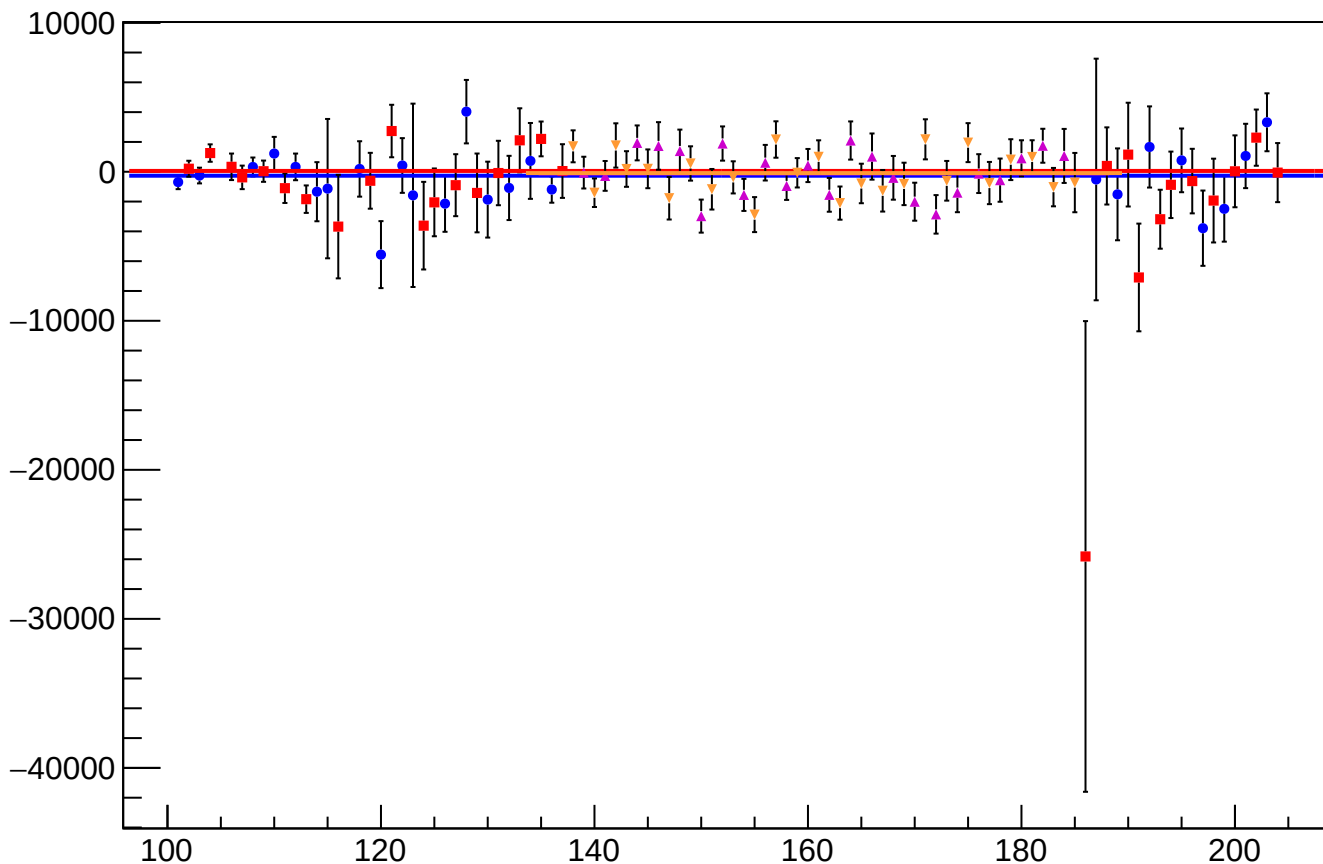
Left In: 1070.694+/-0.182 χ^2/NDF : 570407.8/22

+ sign 1132.621+/-0.170 χ^2/NDF : 2488581.5/32

All: 1149.591+/-0.121 χ^2/NDF : 6375196.1/66

- sign 1166.828+/-0.172 χ^2/NDF : 3866639.9/33

asym_sam6_mean vs Slug



Right In: -265.205 ± 240.345 χ^2/NDF : 24.5/24

Left Out: -89.632 ± 247.271 χ^2/NDF : 31.0/24

Right Out: 55.446 ± 234.964 χ^2/NDF : 32.7/28

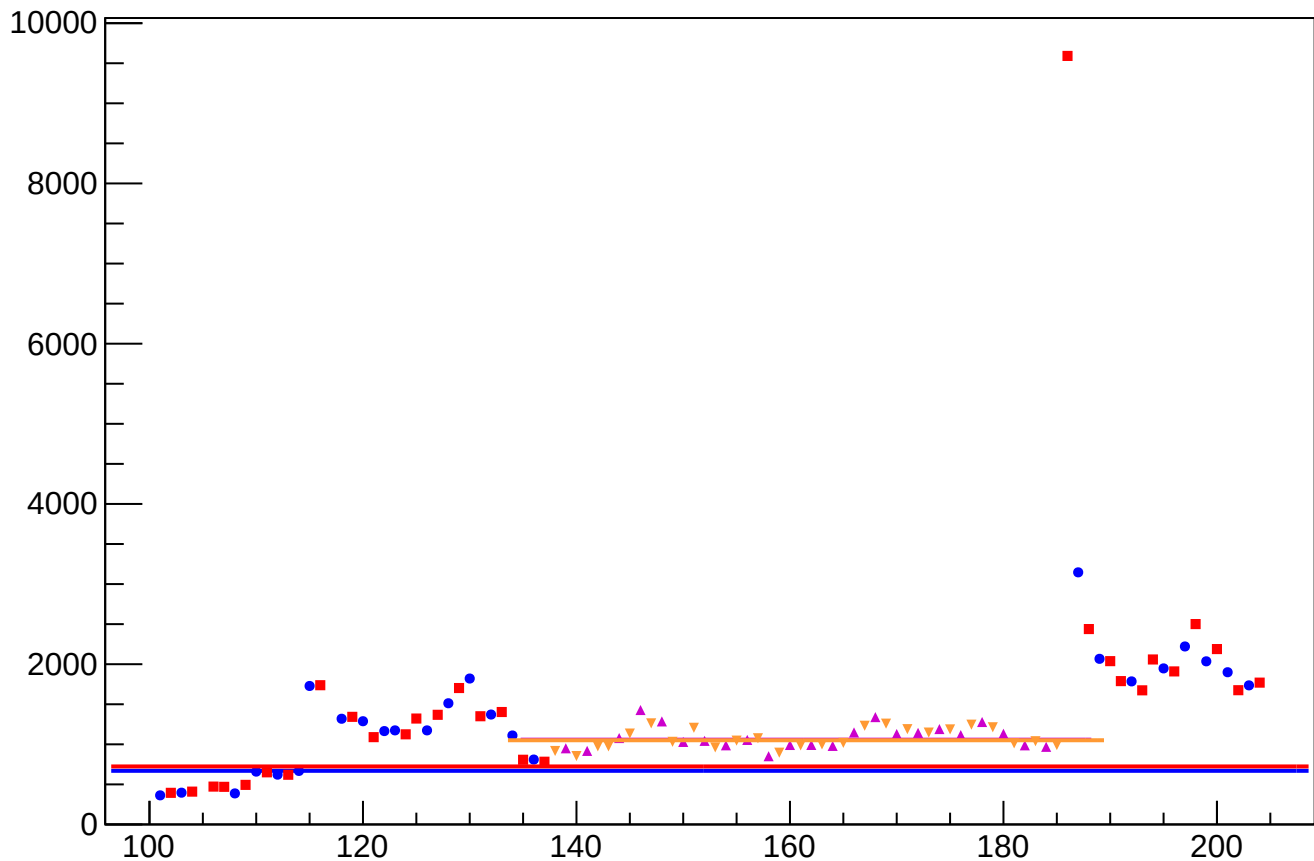
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ sign -179.911 ± 172.346 χ^2/NDF : 55.7/49

All: -100.638 ± 121.952 χ^2/NDF : 124.2/101

- sign -21.141 ± 172.588 χ^2/NDF : 68.1/51

asym_sam6_rms vs Slug



Right In: 669.463+/-0.170 χ^2/NDF : 8044127.4/24

Left Out: 1050.918+/-0.175 χ^2/NDF : 483477.5/24

Right Out: 723.962+/-0.166 χ^2/NDF : 9792807.2/28

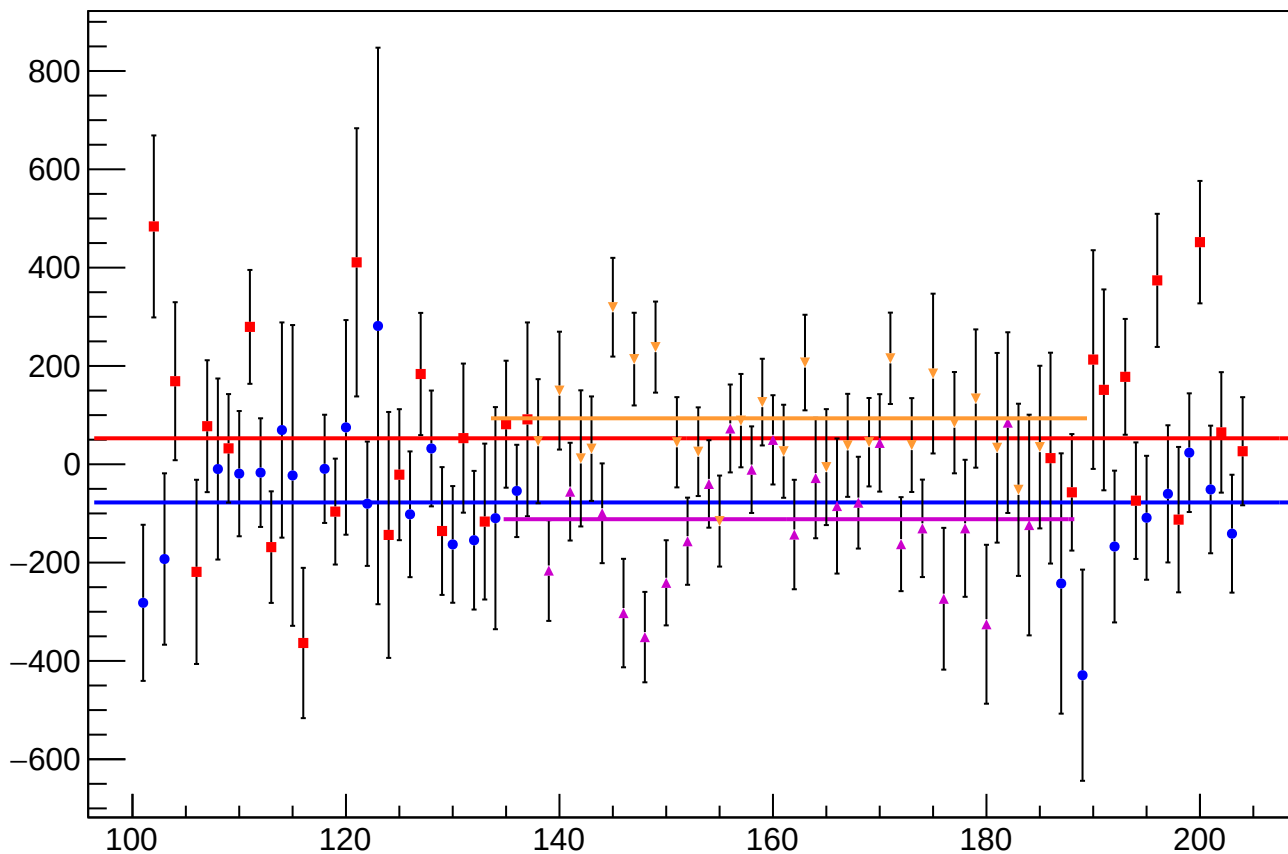
Left In: 1058.154+/-0.180 χ^2/NDF : 532260.0/22

+ sign 854.774+/-0.122 χ^2/NDF : 10974998.7/49

All: 866.294+/-0.086 χ^2/NDF : 23180987.6/10

- sign 877.847+/-0.122 χ^2/NDF : 12188091.5/51

dit_asym_sam7_mean vs Slug



Right In: -77.635 ± 28.587 $\chi^2/\text{NDF}: 10.8/24$

Left Out: 93.496 ± 21.284 $\chi^2/\text{NDF}: 22.8/24$

Right Out: 52.870 ± 25.923 $\chi^2/\text{NDF}: 53.3/28$

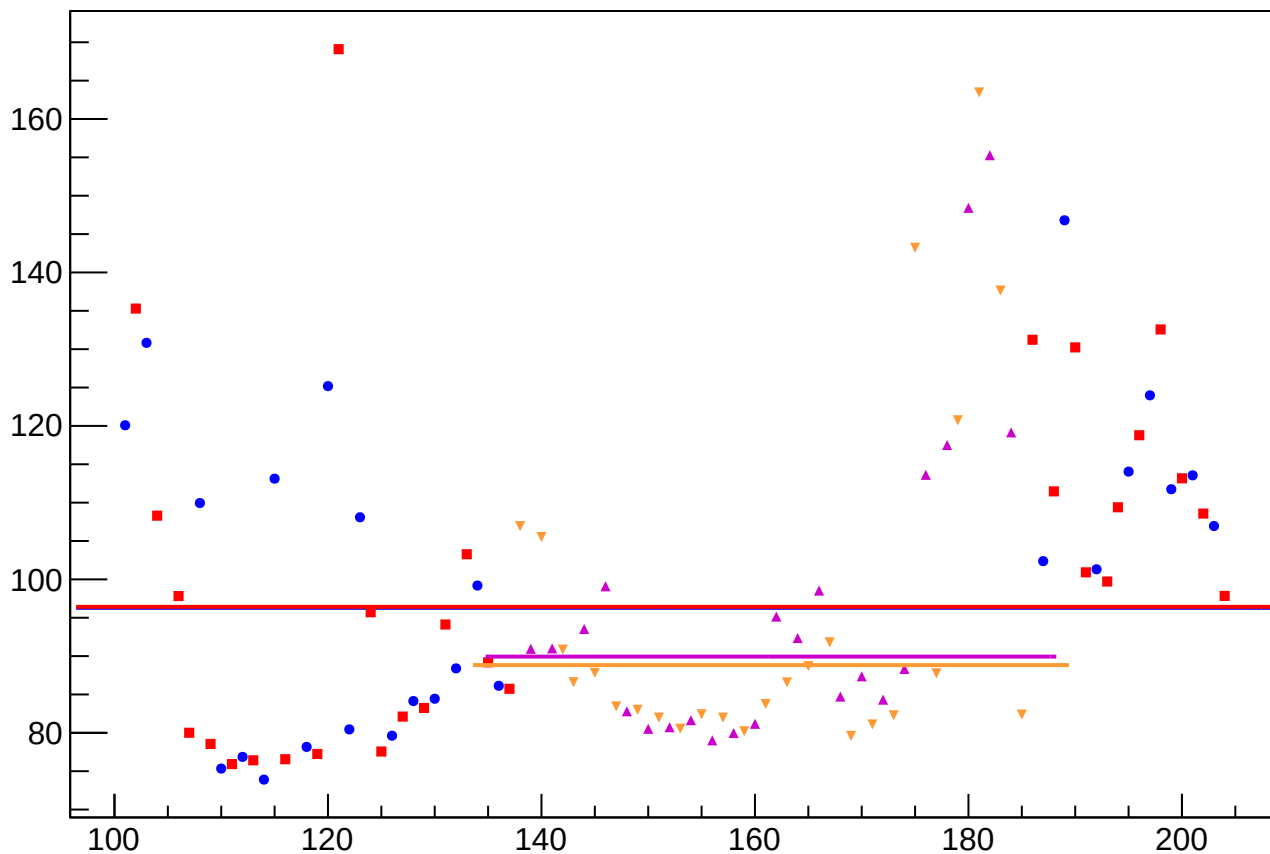
Left In: -111.732 ± 21.971 $\chi^2/\text{NDF}: 30.7/22$

+ sign 32.464 ± 17.072 $\chi^2/\text{NDF}: 56.6/49$

All: -5.922 ± 11.960 $\chi^2/\text{NDF}: 174.0/101$

- sign -42.921 ± 16.761 $\chi^2/\text{NDF}: 107.5/51$

dit_asym_sam7_rms vs Slug



Right In: 96.292 $\pm$ 0.020 χ^2 /NDF: 820252.1/24

Left Out: 88.830 $\pm$ 0.015 χ^2 /NDF: 1000651.2/24

Right Out: 96.418 $\pm$ 0.018 χ^2 /NDF: 1036877.7/28

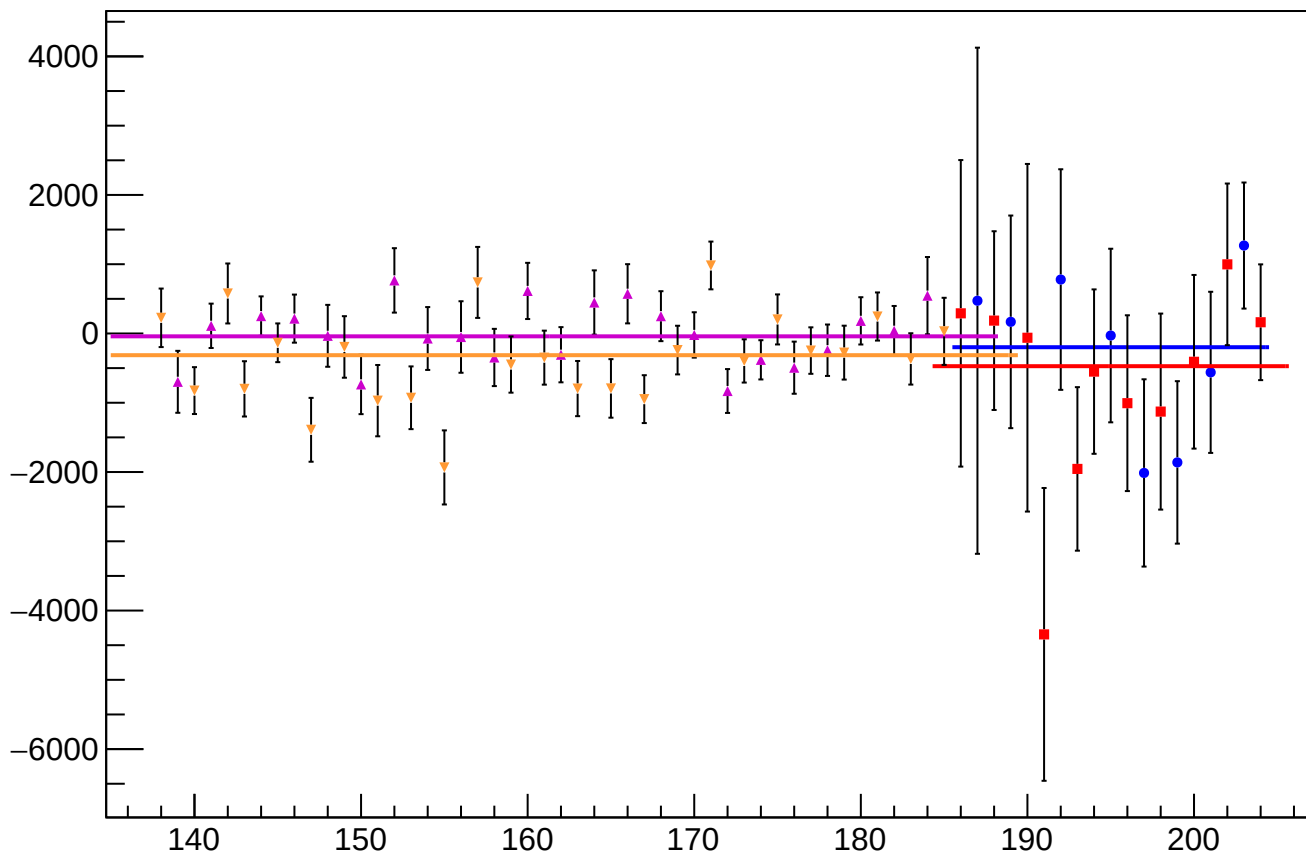
Left In: 89.934 $\pm$ 0.016 χ^2 /NDF: 874129.5/22

+ sign 91.491 $\pm$ 0.012 χ^2 /NDF: 1908580.1/49

All: 92.079 $\pm$ 0.008 χ^2 /NDF: 3897067.6/101

- sign 92.645 $\pm$ 0.012 χ^2 /NDF: 1983836.1/51

asym_sam7_correction_mean vs Slug



Right In: -198.283 $\pm$ 458.720 χ^2 /NDF: 7.0/7

Left Out: -313.446 $\pm$ 77.334 χ^2 /NDF: 58.1/24

Right Out: -472.217 $\pm$ 391.040 χ^2 /NDF: 7.9/10

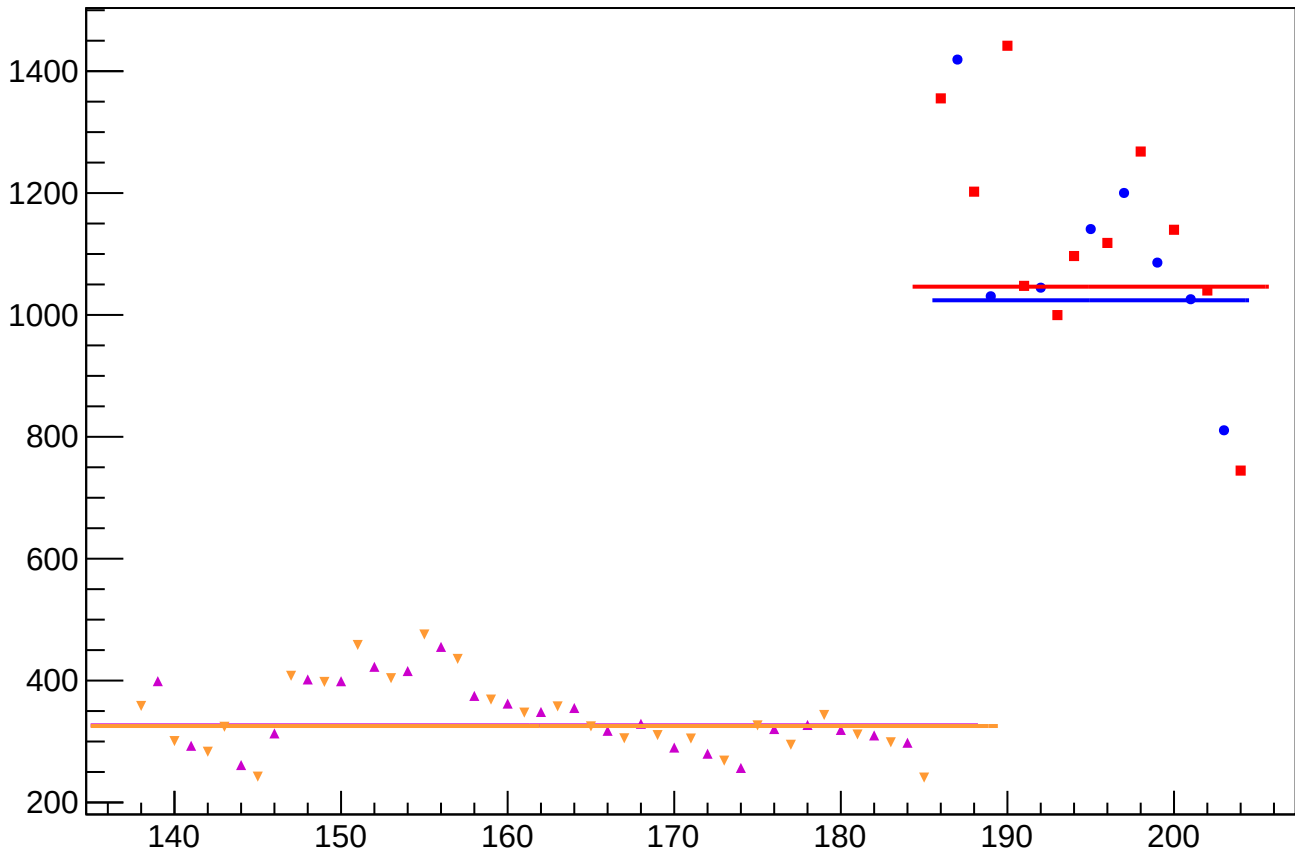
Left In: -41.244 $\pm$ 78.858 χ^2 /NDF: 28.0/22

+ sign -310.264 $\pm$ 76.258 χ^2 /NDF: 65.2/32

All: -185.888 $\pm$ 54.288 χ^2 /NDF: 107.6/66

- sign -58.085 $\pm$ 77.302 χ^2 /NDF: 37.1/33

asym_sam7_correction_rms vs Slug



Right In: 1024.037+/-0.324 χ^2/NDF : 190603.3/7

Left Out: 325.432+/-0.055 χ^2/NDF :1000974.7/24

Right Out: 1046.386+/-0.277 χ^2/NDF : 452153.8/10

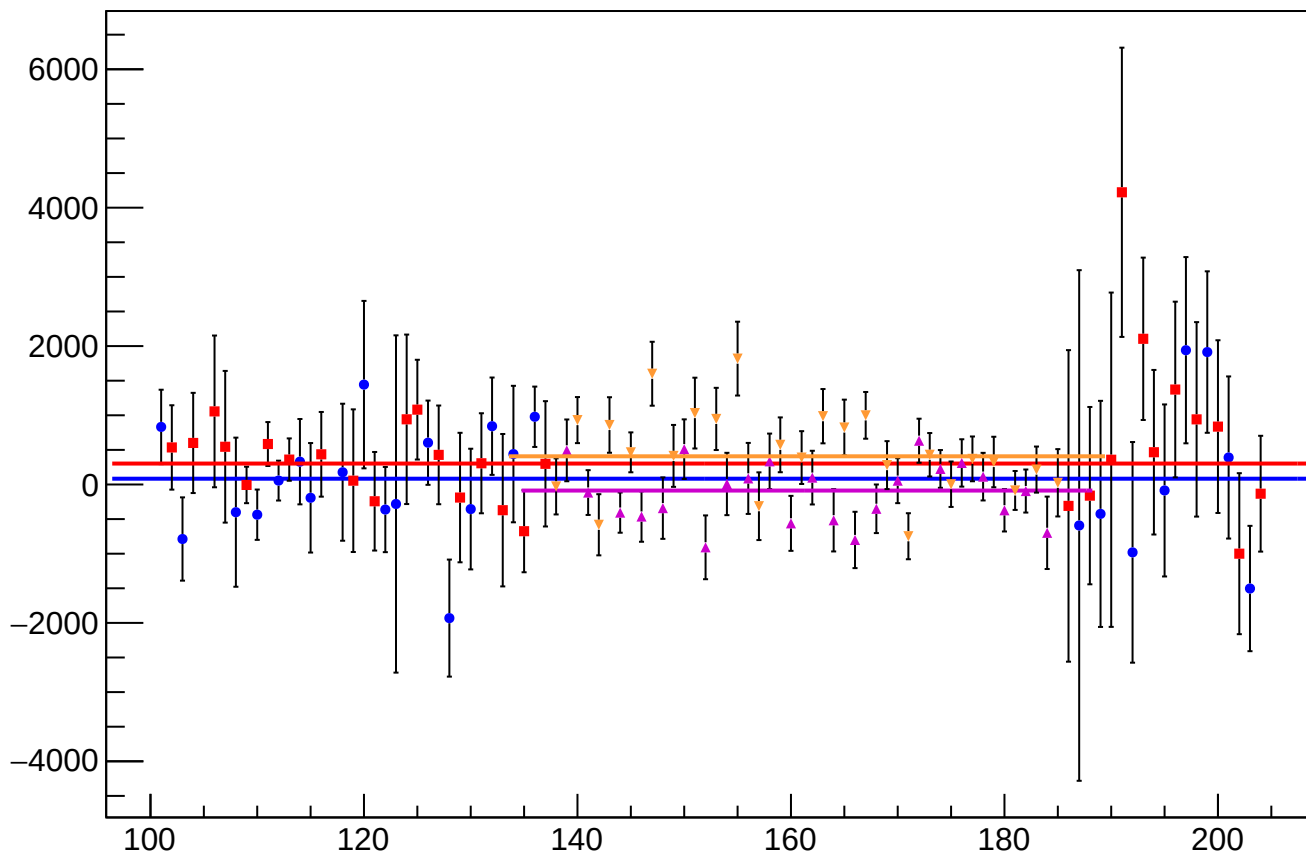
Left In: 326.516+/-0.056 χ^2/NDF :841153.2/22

+ sign 344.739+/-0.054 χ^2/NDF : 5702093.0/32

All: 349.626+/-0.038 χ^2/NDF : 13525077.4/60

- sign 354.648+/-0.055 χ^2/NDF : 7806330.2/33

asym_sam7_mean vs Slug



Right In: 83.566 ± 136.208 χ^2/NDF : 28.7/24

Left Out: 407.375 ± 74.730 χ^2/NDF : 53.0/24

Right Out: 302.517 ± 123.147 χ^2/NDF : 17.3/28

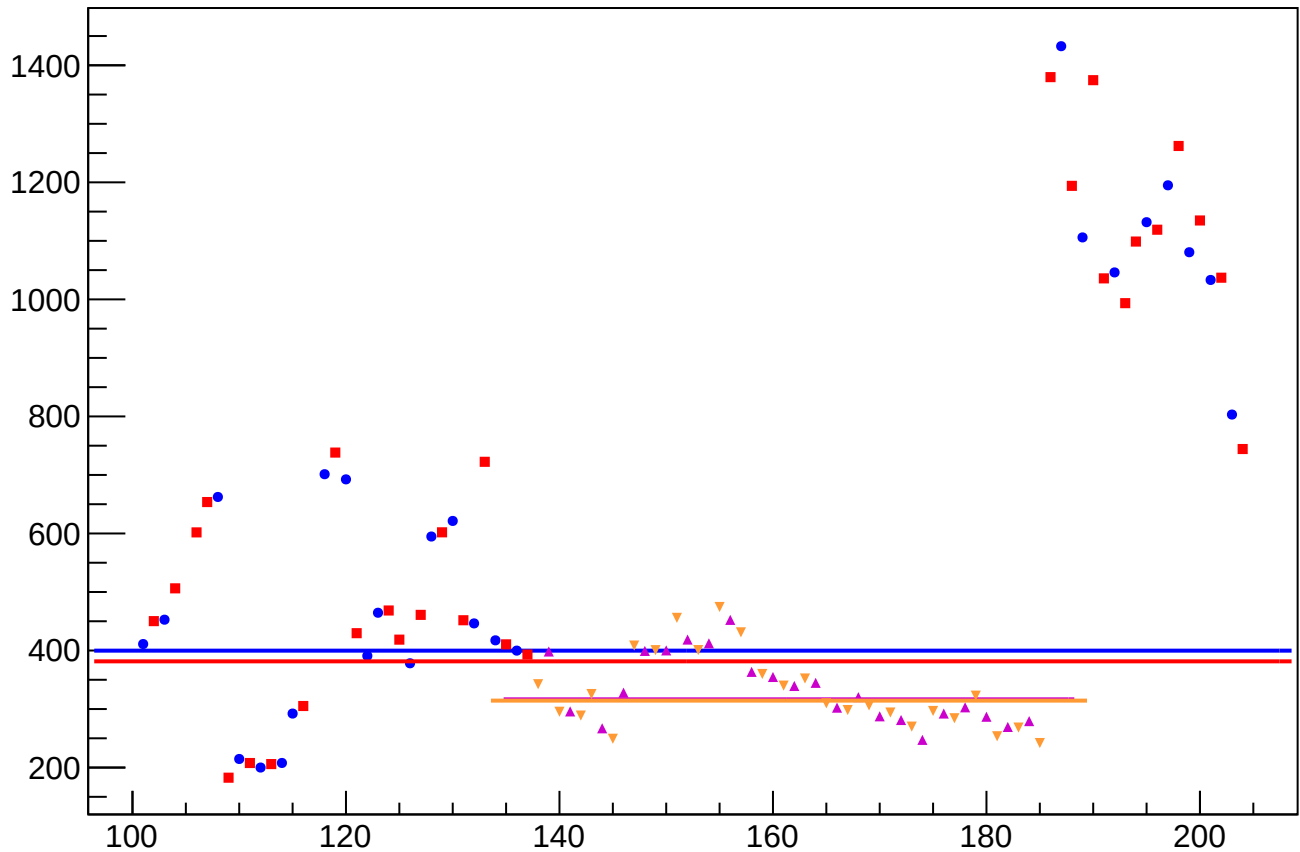
Left In: -87.657 ± 76.572 χ^2/NDF : 27.4/22

+ sign 332.455 ± 65.517 χ^2/NDF : 86.0/49

All: 175.623 ± 46.153 χ^2/NDF : 149.4/101

- sign 21.133 ± 65.026 χ^2/NDF : 52.0/51

asym_sam7_rms vs Slug



Right In: 399.774+/-0.096 χ^2/NDF : 6312992.4/24

Left Out: 314.405+/-0.053 χ^2/NDF : 1112244.9/24

+ sign 334.157+/-0.046 χ^2/NDF : 8029110.7/49

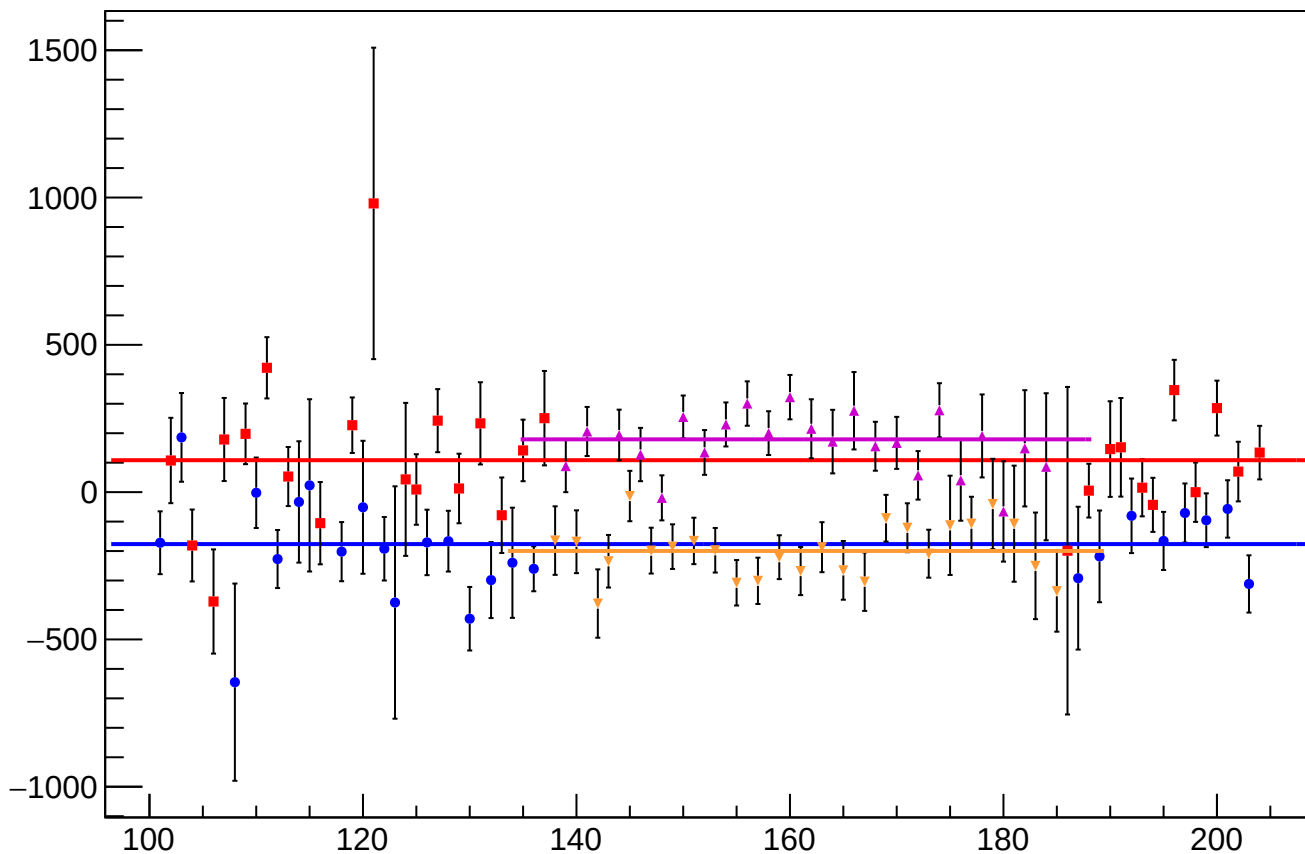
Right Out: 381.494+/-0.087 χ^2/NDF : 9536727.1/28

All: 334.433+/-0.033 χ^2/NDF : 18895890.4/10

- sign 334.706+/-0.046 χ^2/NDF : 10866708.9/51

Left In: 316.616+/-0.054 χ^2/NDF : 929652.0/22

dit_asym_sam8_mean vs Slug



Right In: -176.374 ± 23.997 χ^2/NDF : 25.7/24

Left Out: -199.640 ± 18.452 χ^2/NDF : 20.2/24

Right Out: 108.399 ± 21.900 χ^2/NDF : 52.5/28

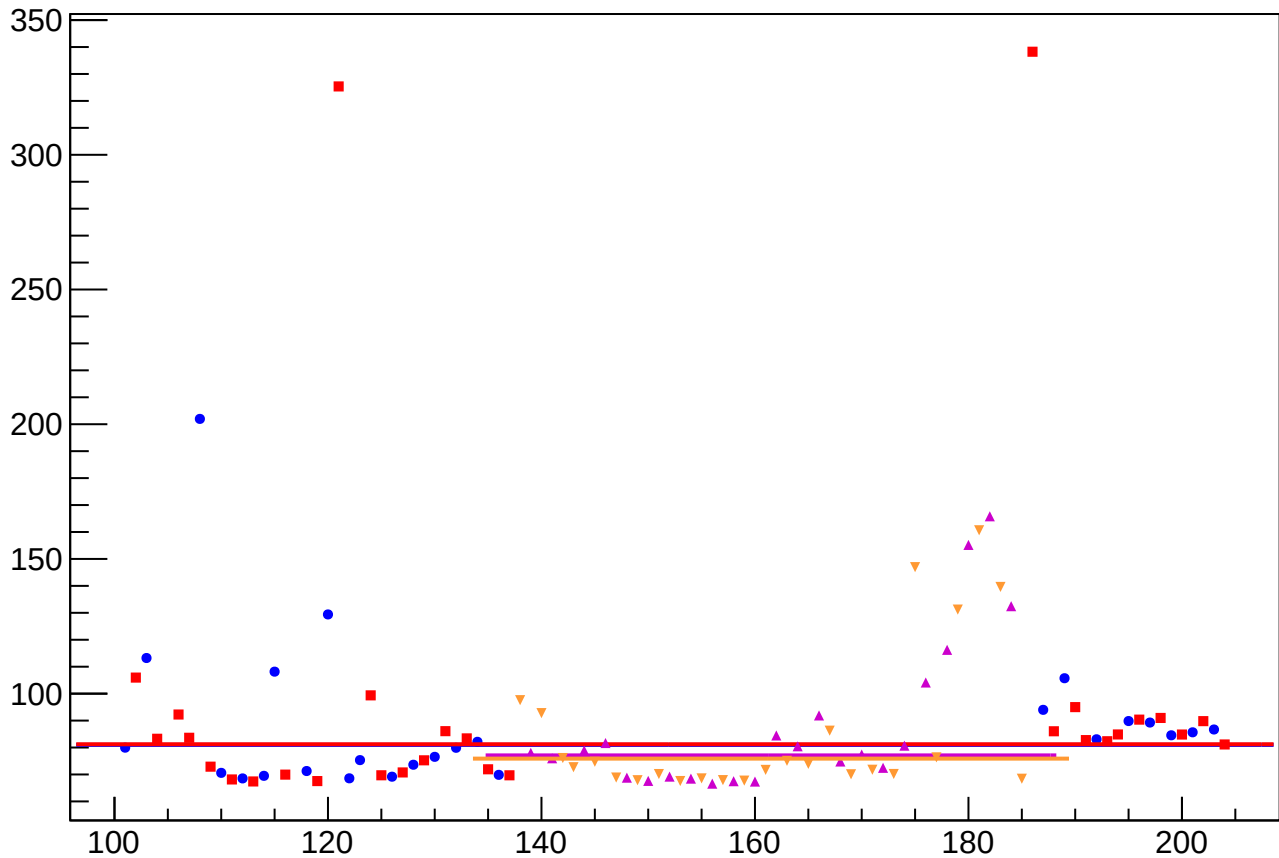
Left In: 179.154 ± 19.112 χ^2/NDF : 23.9/22

+ sign -190.995 ± 14.627 χ^2/NDF : 46.5/49

All: -18.549 ± 10.262 χ^2/NDF : 402.5/101

- sign 148.564 ± 14.400 χ^2/NDF : 82.3/51

dit_asym_sam8_rms vs Slug



Right In: 80.975+/-0.017 χ^2/NDF : 741290.2/24

Left Out: 75.883+/-0.013 χ^2/NDF :1552500.3/24

Right Out: 81.212+/-0.015 χ^2/NDF : 1216294.4/28

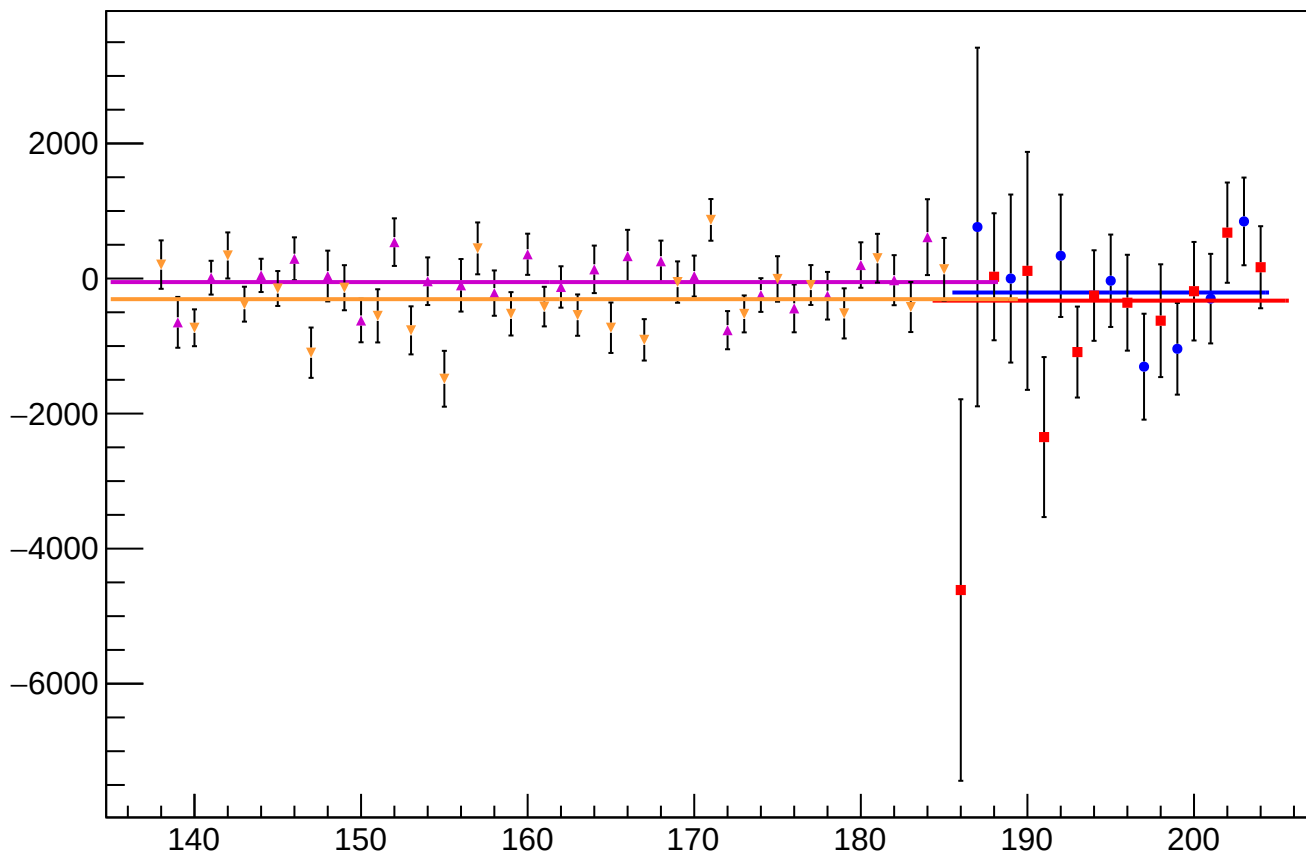
Left In: 77.080+/-0.014 χ^2/NDF :1422981.1/22

+ sign 77.775+/-0.010 χ^2/NDF : 2350384.9/49

All: 78.329+/-0.007 χ^2/NDF : 5035738.4/101

- sign 78.866+/-0.010 χ^2/NDF : 2679703.0/51

asym_sam8_correction_mean vs Slug



Right In: -207.074 ± 281.907 χ^2/NDF : 6.7/7

Left Out: -305.659 ± 65.327 χ^2/NDF : 54.9/24

Right Out: -327.659 ± 245.886 χ^2/NDF : 9.4/10

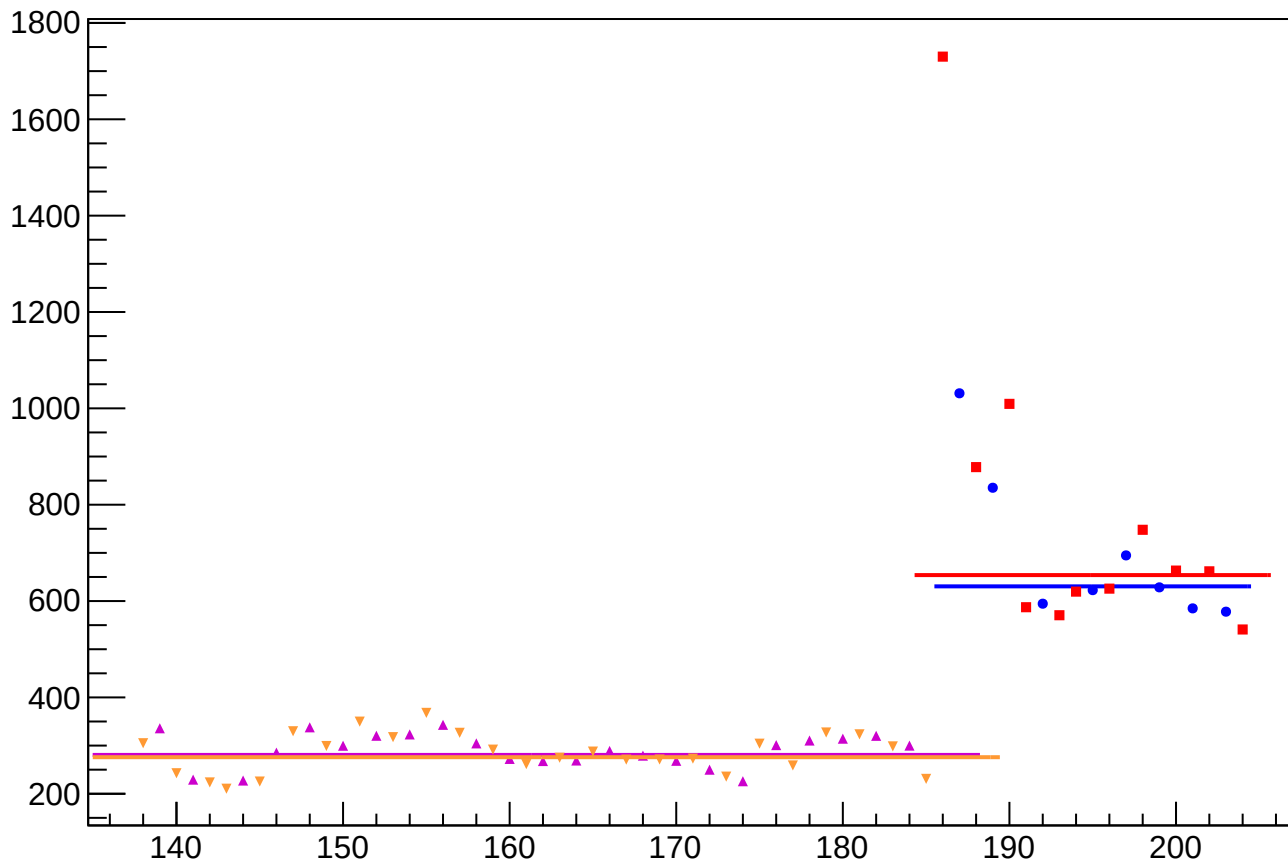
Left In: -52.759 ± 67.539 χ^2/NDF : 24.9/22

+ sign -300.635 ± 63.640 χ^2/NDF : 61.7/32

All: -188.978 ± 45.517 χ^2/NDF : 103.4/66

- sign -72.044 ± 65.127 χ^2/NDF : 35.4/33

asym_sam8_correction_rms vs Slug



Right In: 630.507+/-0.199 χ^2/NDF : 139112.9/7

Left Out: 275.901+/-0.046 χ^2/NDF : 753109.6/24

Right Out: 653.908+/-0.174 χ^2/NDF : 625427.2/10

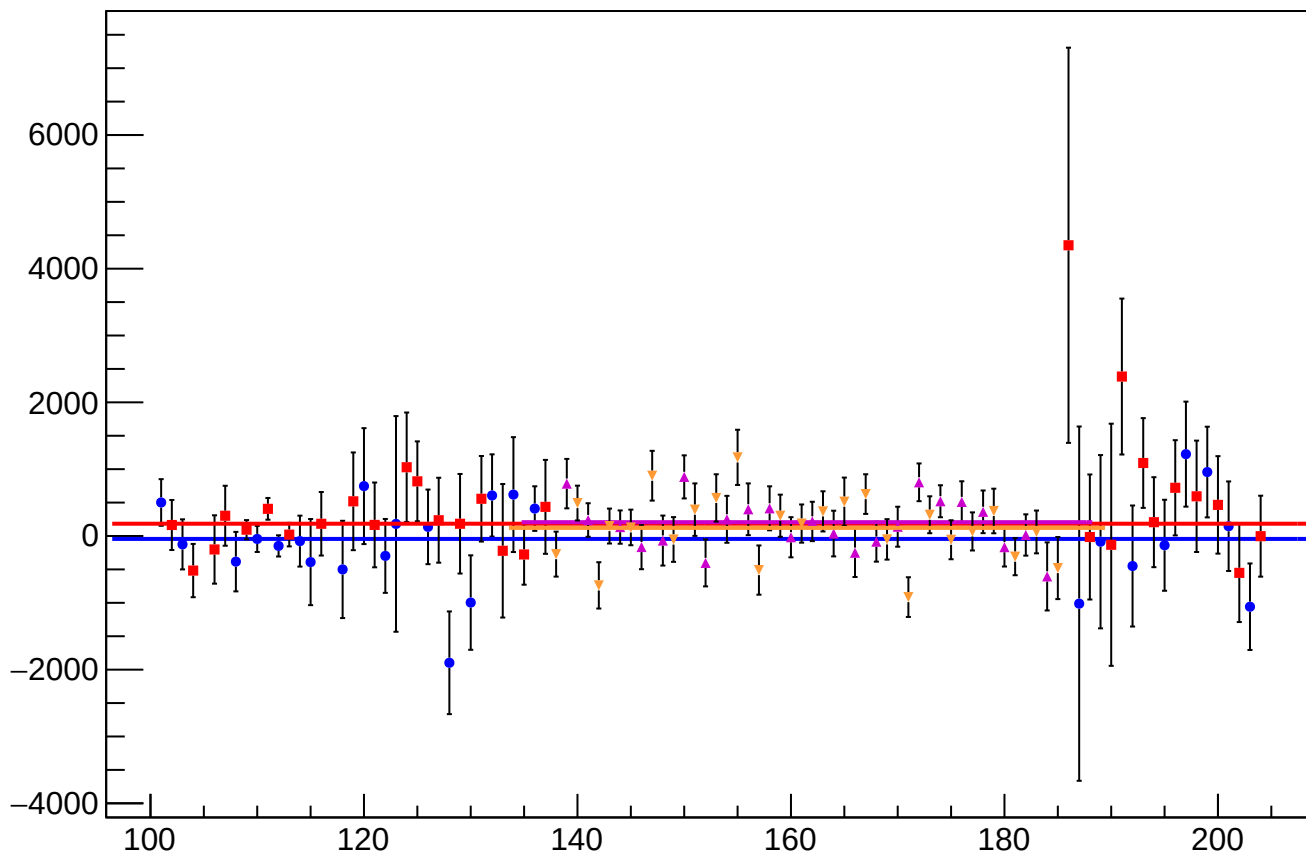
Left In: 280.628+/-0.048 χ^2/NDF : 587415.9/22

+ sign 293.973+/-0.045 χ^2/NDF : 3895490.6/32

All: 300.246+/-0.032 χ^2/NDF : 9434011.7/66

- sign 306.815+/-0.046 χ^2/NDF : 5498735.8/33

asym_sam8_mean vs Slug



Right In: -43.757 ± 86.063 χ^2/NDF : 24.2/24

Left Out: 121.185 ± 62.911 χ^2/NDF : 49.0/24

Right Out: 183.883 ± 73.515 χ^2/NDF : 20.4/28

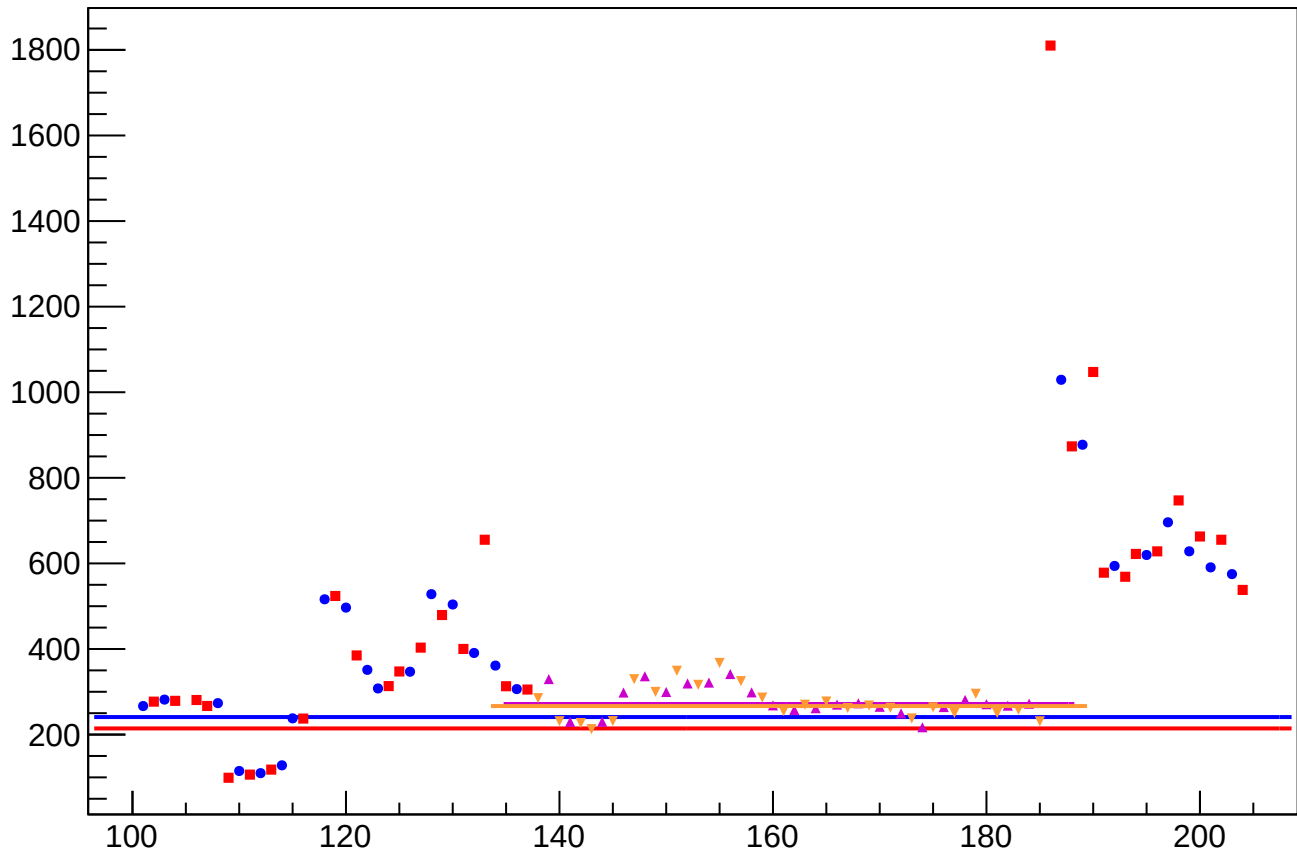
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 63.743 ± 50.788 χ^2/NDF : 75.6/49

All: 132.950 ± 35.188 χ^2/NDF : 127.5/101

- sign 196.840 ± 48.799 χ^2/NDF : 48.3/51

asym_sam8_rms vs Slug



Right In: 240.929 $\pm$ 0.061 χ^2 /NDF: 7810393.7/24

Left Out: 266.618 $\pm$ 0.044 χ^2 /NDF: 639230.8/24

Right Out: 214.326 $\pm$ 0.052 χ^2 /NDF: 11710671.3/28

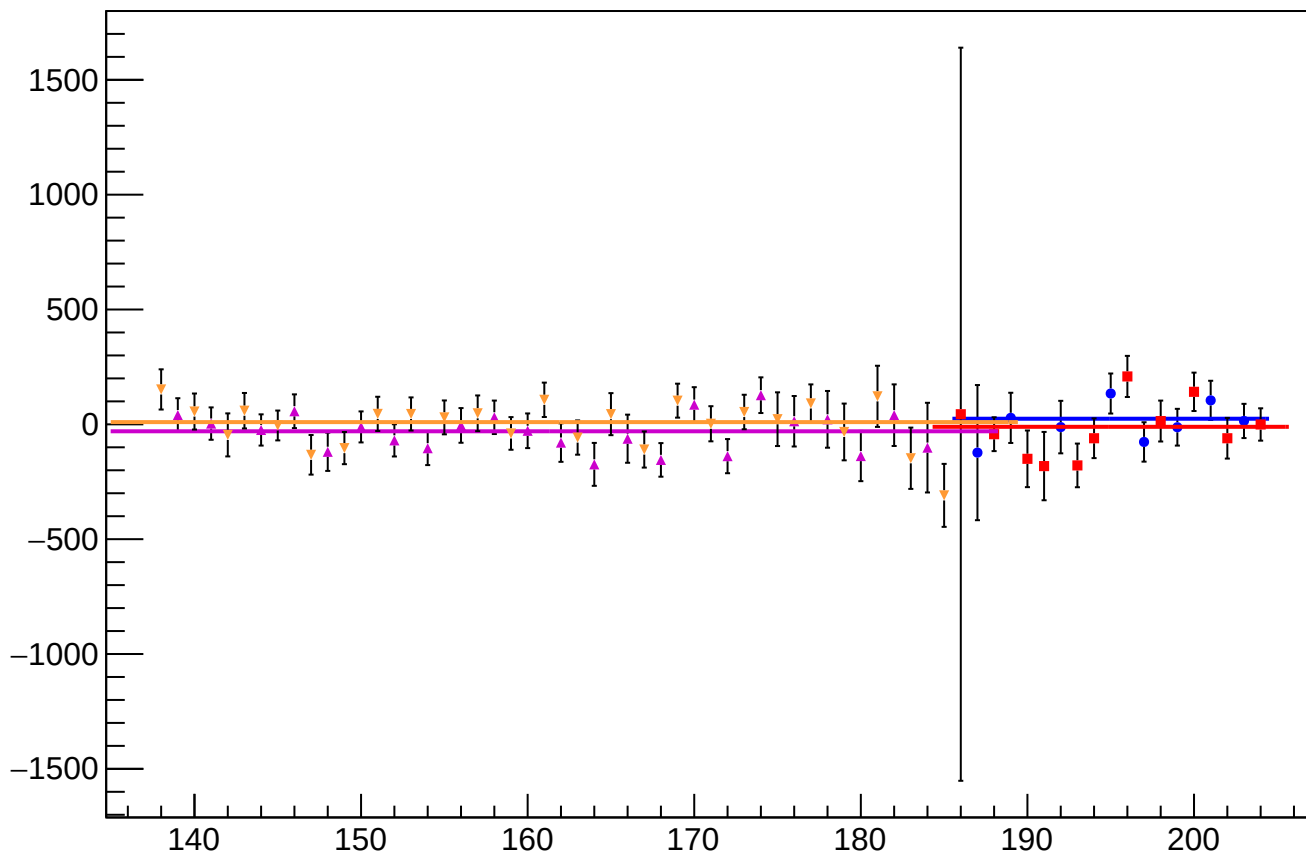
Left In: 271.451 $\pm$ 0.046 χ^2 /NDF: 530897.8/22

+ sign 257.671 $\pm$ 0.036 χ^2 /NDF: 8565758.2/49

All: 251.748 $\pm$ 0.025 χ^2 /NDF: 21535158.6/10

- sign 246.280 $\pm$ 0.035 χ^2 /NDF: 12917086.7/51

dit_asym_sam_15_avg_mean vs Slug



Right In: 24.446 $\pm$ 33.088 χ^2 /NDF: 4.4/7

Left Out: 9.762 $\pm$ 16.463 χ^2 /NDF: 25.9/24

Right Out: -10.766 $\pm$ 28.138 χ^2 /NDF: 16.0/10

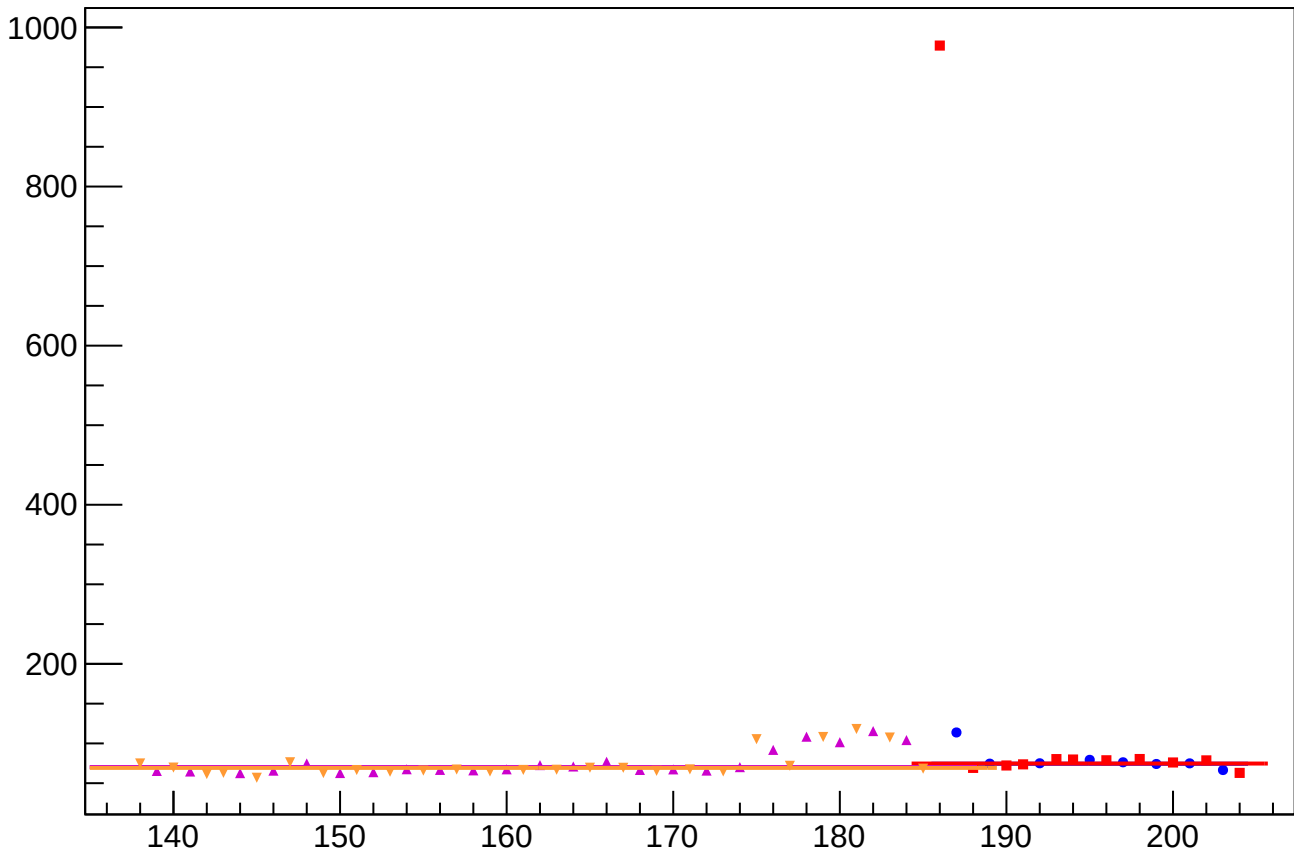
Left In: -30.236 $\pm$ 17.031 χ^2 /NDF: 21.9/22

+ sign 12.676 $\pm$ 14.740 χ^2 /NDF: 30.5/32

All: -6.388 $\pm$ 10.362 χ^2 /NDF: 72.1/66

- sign -25.016 $\pm$ 14.570 χ^2 /NDF: 38.2/33

dit_asym_sam_15_avg_rms vs Slug



Right In: 74.445 $\pm$ 0.023 χ^2 /NDF: 65597.0/7

Left Out: 69.234 $\pm$ 0.012 χ^2 /NDF: 1005922.1/24

Right Out: 74.693 $\pm$ 0.020 χ^2 /NDF: 737825.4/10

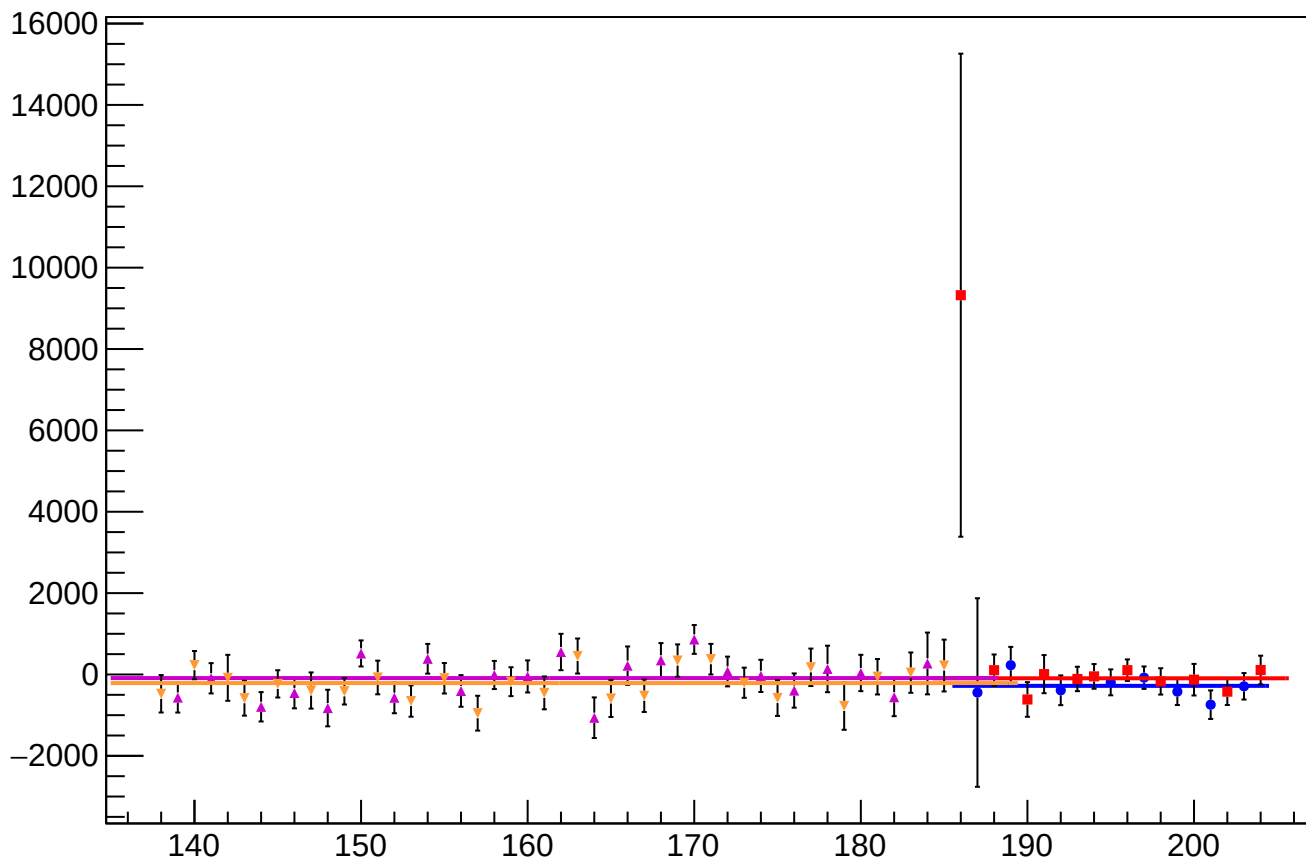
Left In: 70.322 $\pm$ 0.012 χ^2 /NDF: 862105.7/22

+ sign 70.268 $\pm$ 0.010 χ^2 /NDF: 1111282.5/32

All: 70.888 $\pm$ 0.007 χ^2 /NDF: 2753523.0/66

- sign 71.494 $\pm$ 0.010 χ^2 /NDF: 1635240.3/33

asym_sam_15_avg_correction_mean vs Slug



Right In: -279.506+/-126.657 χ^2/NDF : 3.9/7

Left Out: -211.526+/-82.780 χ^2/NDF :19.4/24

Right Out: -93.613+/-107.484 χ^2/NDF : 6.3/10

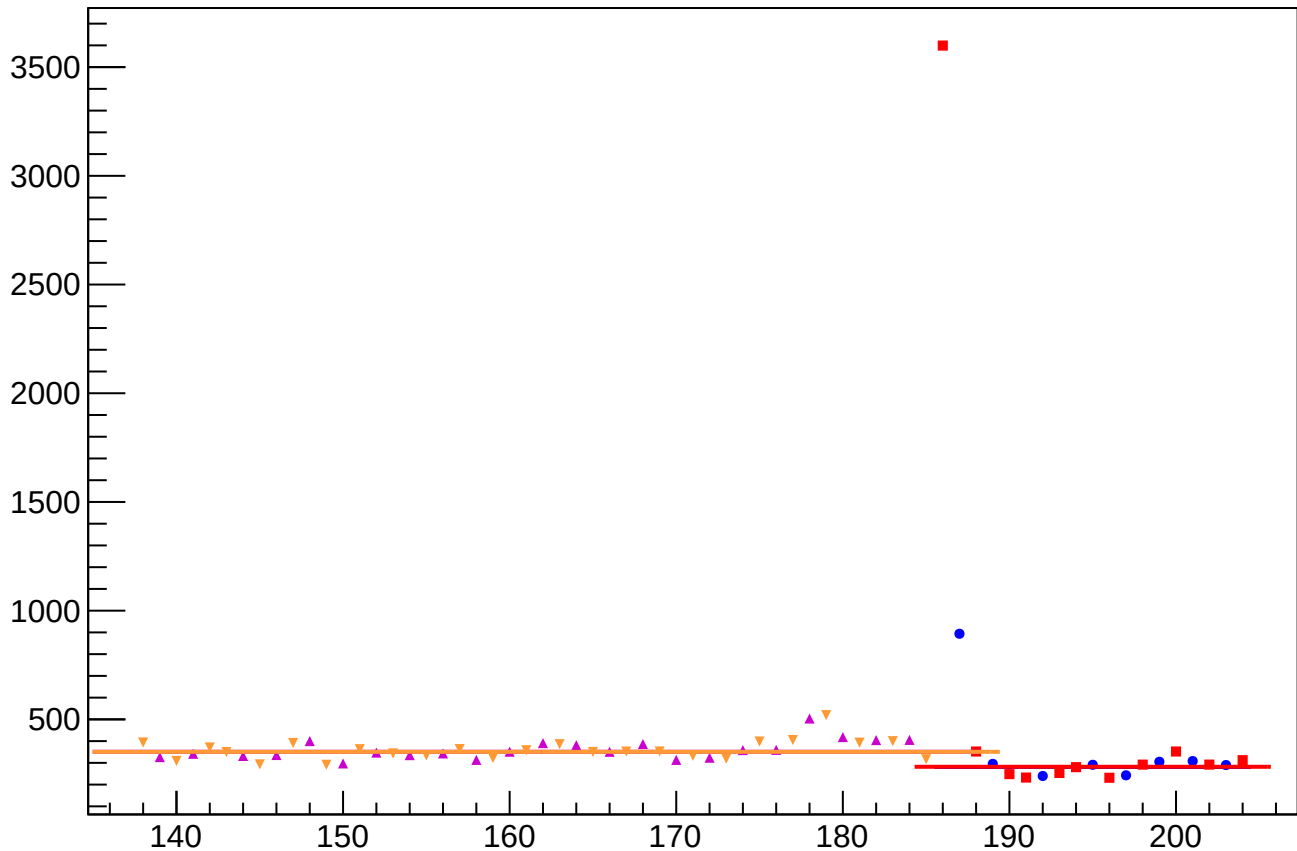
Left In: -88.062+/-84.309 χ^2/NDF :33.5/22

+ sign -231.873+/-69.293 χ^2/NDF : 23.5/32

All: -157.937+/-47.918 χ^2/NDF : 65.5/66

- sign -90.176+/-66.336 χ^2/NDF : 39.8/33

asym_sam_15_avg_correction_rms vs Slug



Right In: 280.960 ± 0.090 χ^2/NDF : 232287.3/7

Left Out: 350.780 ± 0.059 χ^2/NDF : 506274.4/24

Right Out: 281.937 ± 0.076 χ^2/NDF : 900325.4/10

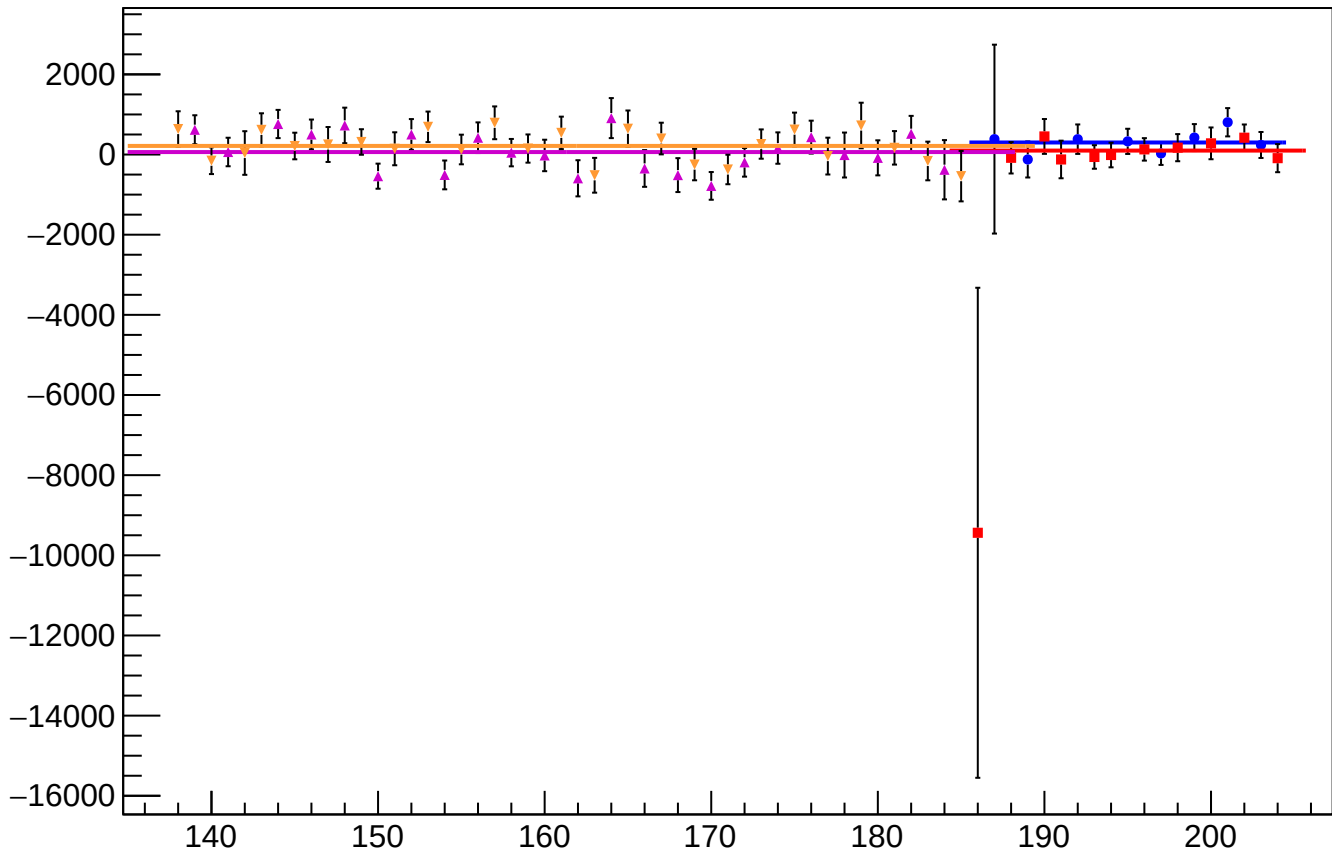
Left In: 350.944 ± 0.060 χ^2/NDF : 424876.4/22

+ sign 329.883 ± 0.049 χ^2/NDF : 1164411.0/32

All: 327.157 ± 0.034 χ^2/NDF : 3005930.4/66

- sign 324.659 ± 0.047 χ^2/NDF : 1835587.7/33

asym_sam_15_avg_mean vs Slug



Right In: 300.852 ± 127.706 χ^2/NDF : 4.1/7

Left Out: 215.214 ± 81.235 χ^2/NDF : 19.6/24

Right Out: 98.711 ± 109.291 χ^2/NDF : 5.5/10

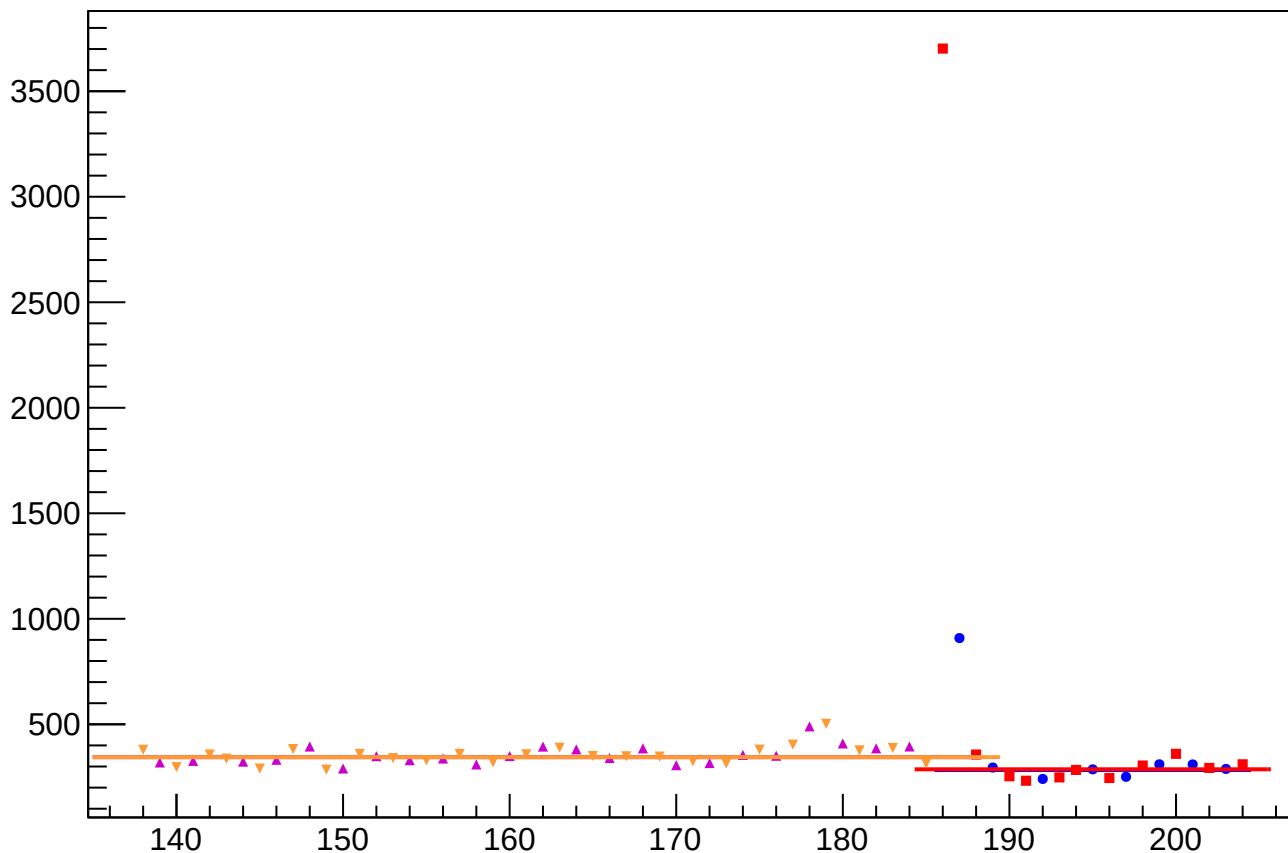
Left In: 61.730 ± 82.841 χ^2/NDF : 34.9/22

+ sign 239.883 ± 68.543 χ^2/NDF : 24.0/32

All: 154.467 ± 47.550 χ^2/NDF : 67.4/66

- sign 75.224 ± 66.019 χ^2/NDF : 40.5/33

asym_sam_15_avg_rms vs Slug



Right In: 283.337+/-0.090 χ^2/NDF : 218899.0/7

Left Out: 344.439+/-0.057 χ^2/NDF : 488381.9/24

Right Out: 286.791+/-0.077 χ^2/NDF : 887899.5/10

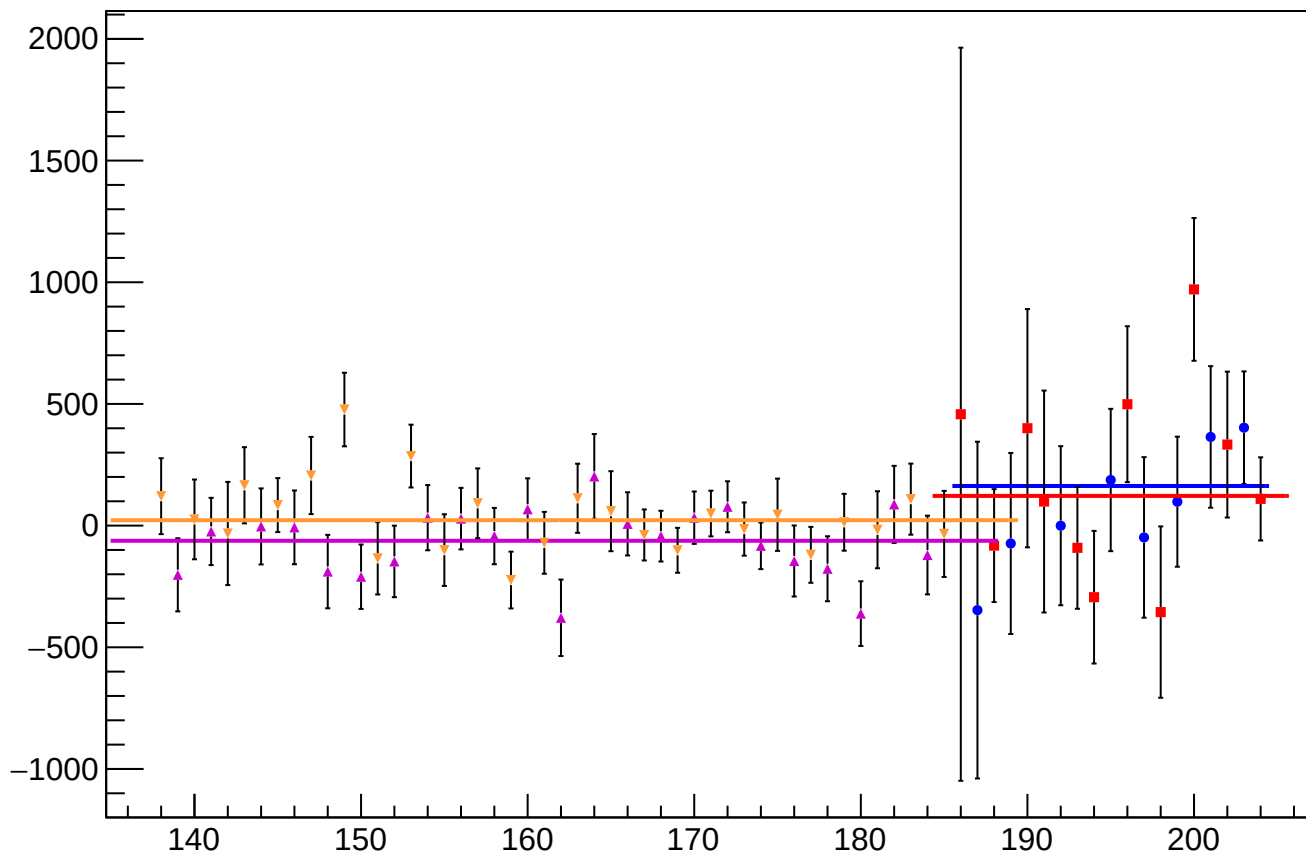
Left In: 344.475+/-0.059 χ^2/NDF : 433401.7/22

+ sign 326.837+/-0.048 χ^2/NDF : 1033233.7/32

All: 325.068+/-0.034 χ^2/NDF : 2710949.0/66

- sign 323.426+/-0.047 χ^2/NDF : 1675145.9/33

dit_asym_sam_26_avg_mean vs Slug



Right In: 162.848 ± 109.060 χ^2/NDF : 3.2/7

Left Out: 22.164 ± 26.284 χ^2/NDF : 28.1/24

Right Out: 122.074 ± 86.951 χ^2/NDF : 16.3/10

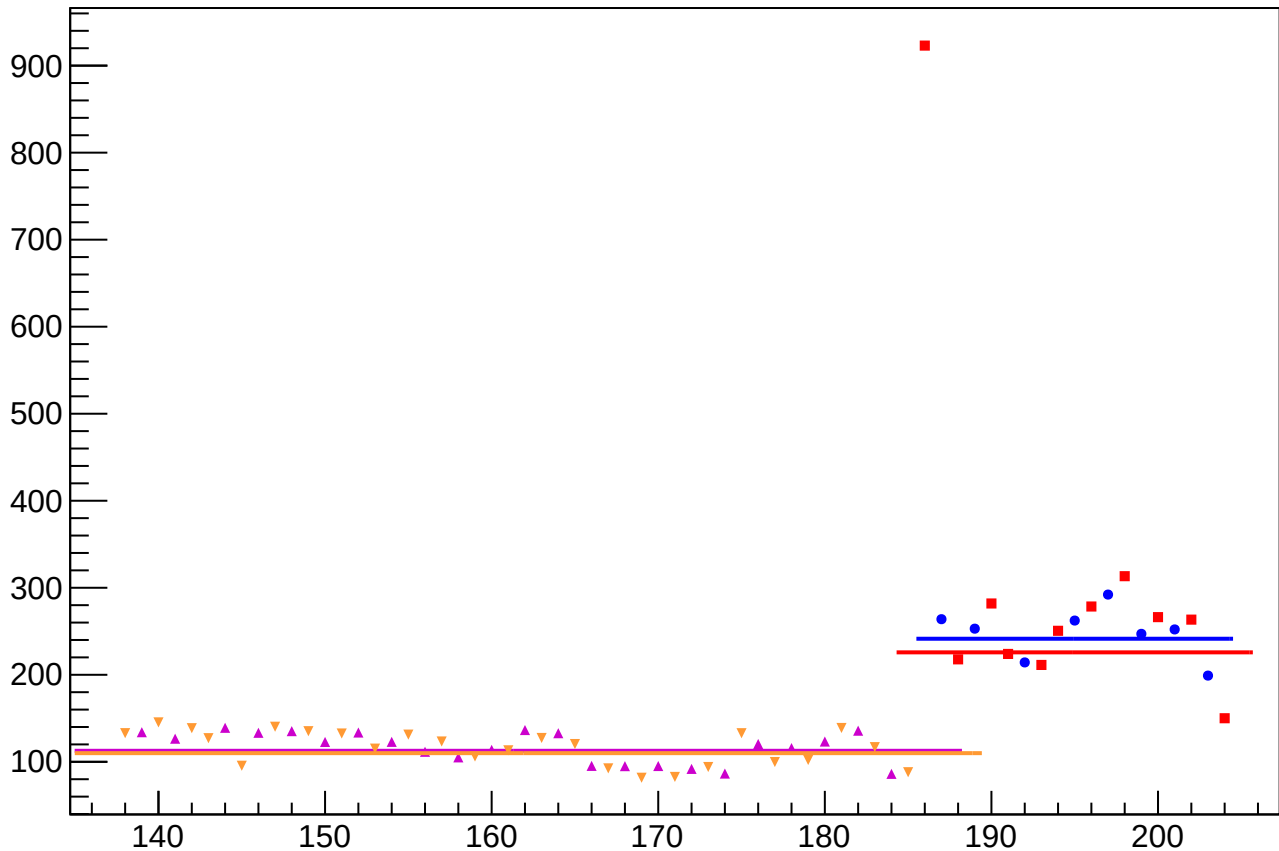
Left In: -62.310 ± 27.398 χ^2/NDF : 22.0/22

+ sign 29.887 ± 25.552 χ^2/NDF : 32.9/32

All: -7.038 ± 18.270 χ^2/NDF : 79.6/66

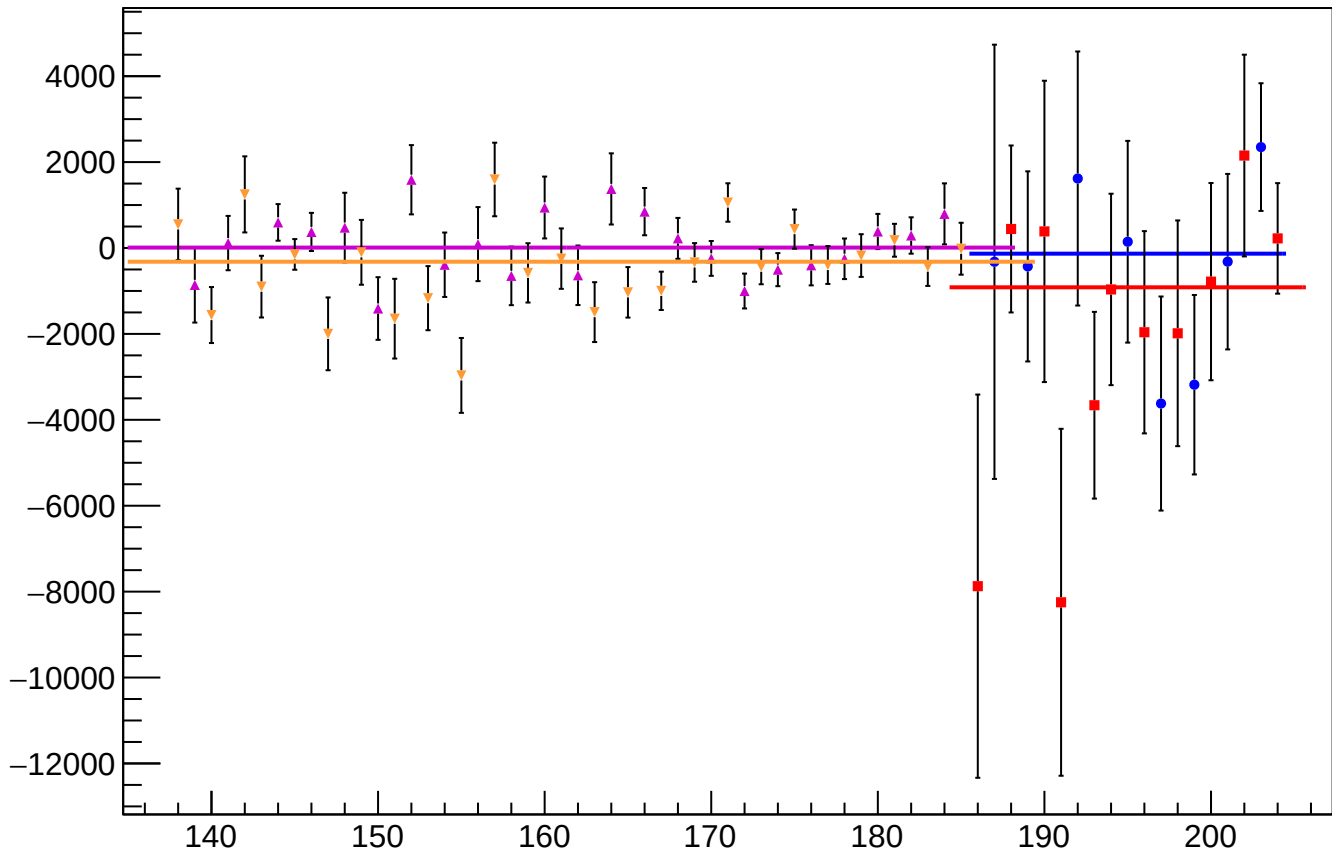
- sign -45.656 ± 26.132 χ^2/NDF : 42.4/33

dit_asym_sam_26_avg_rms vs Slug



Right In: 241.424 $\pm$ 0.077 χ^2 /NDF: 146135.5/7 + sign 117.170 $\pm$ 0.018 χ^2 /NDF: 4033659.6/32
 Left Out: 109.953 $\pm$ 0.019 χ^2 /NDF:1140626.9/24 All: 119.958 $\pm$ 0.013 χ^2 /NDF: 9118131.7/66
 Right Out: 225.778 $\pm$ 0.061 χ^2 /NDF: 1120606.3/10 - sign 122.874 $\pm$ 0.018 χ^2 /NDF: 5035751.8/33
 Left In: 112.657 $\pm$ 0.019 χ^2 /NDF:835831.1/22

asym_sam_26_avg_correction_mean vs Slug



Right In: -131.890 ± 785.315 χ^2/NDF : 7.3/7

Left Out: -319.391 ± 110.306 χ^2/NDF : 51.5/24

Right Out: -915.094 ± 678.701 χ^2/NDF : 10.8/10

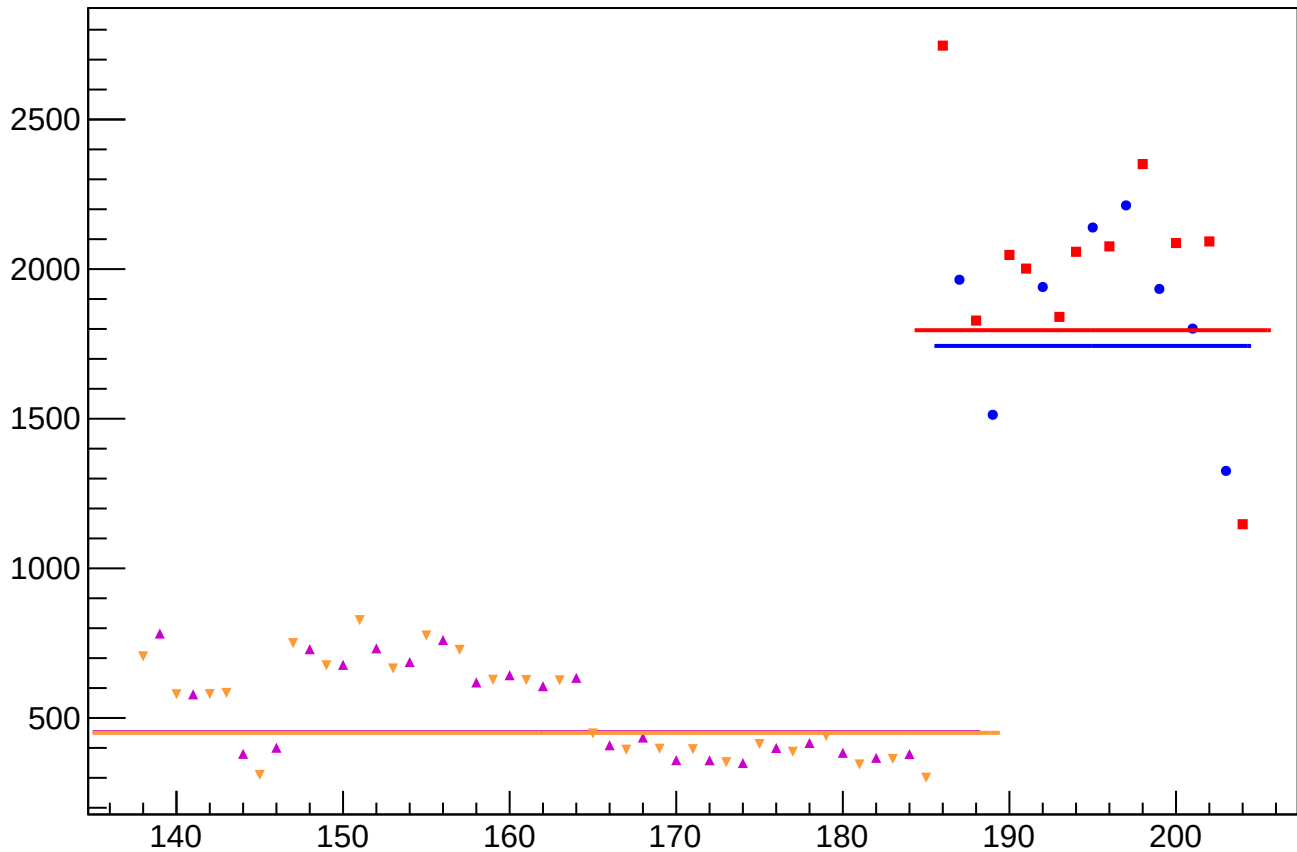
Left In: 9.462 ± 112.340 χ^2/NDF : 32.5/22

+ sign -315.764 ± 109.233 χ^2/NDF : 58.9/32

All: -167.662 ± 77.799 χ^2/NDF : 107.7/66

- sign -15.193 ± 110.832 χ^2/NDF : 45.1/33

asym_sam_26_avg_correction_rms vs Slug



Right In: 1743.303+/-0.555 χ^2/NDF : 338298.1/7

Left Out: 450.363+/-0.078 χ^2/NDF : 3096435.8/24

Right Out: 1795.799+/-0.480 χ^2/NDF : 824909.6/10

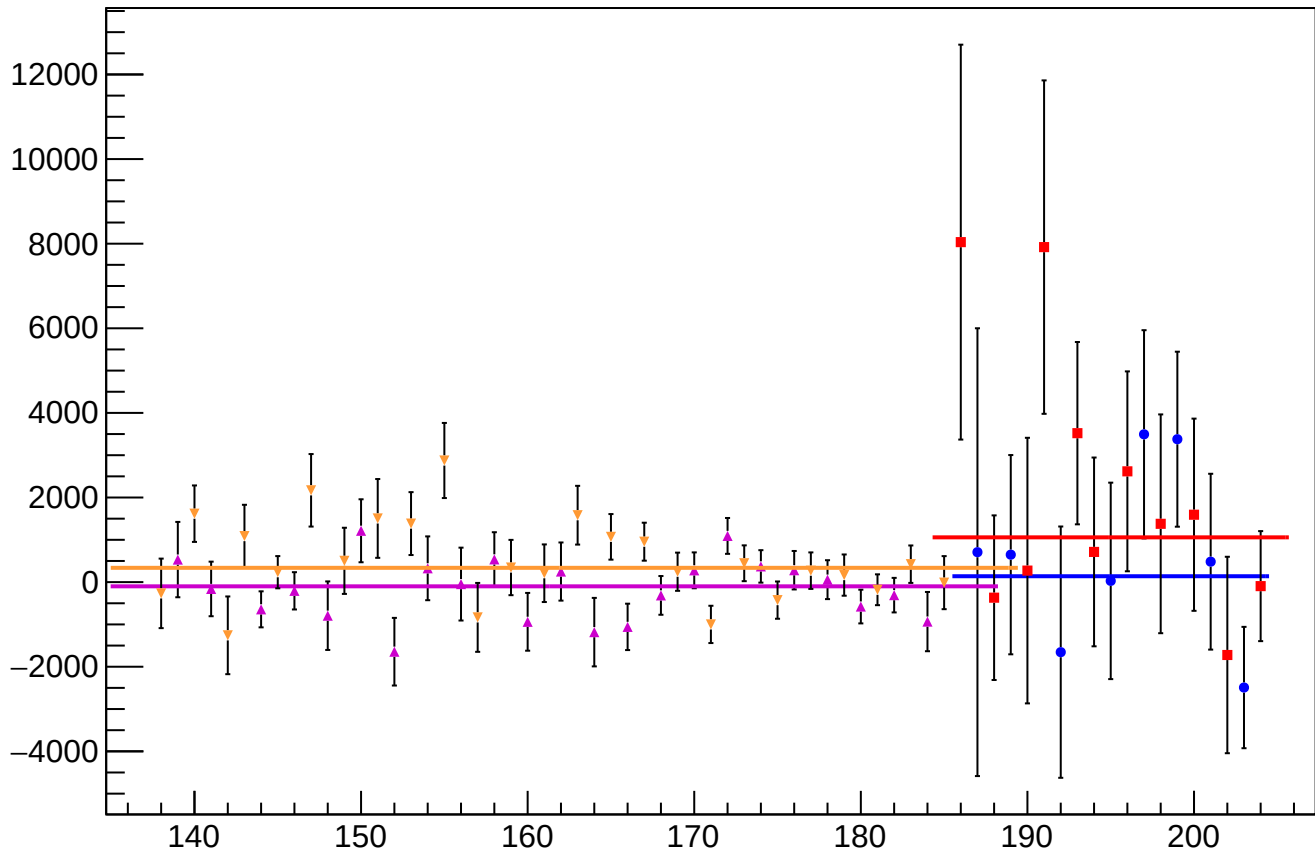
Left In: 452.694+/-0.079 χ^2/NDF : 2586032.2/22

+ sign 475.378+/-0.077 χ^2/NDF : 8751089.6/32

All: 481.849+/-0.055 χ^2/NDF : 19799762.3/60

- sign 488.511+/-0.078 χ^2/NDF : 11034428.4/33

asym_sam_26_avg_mean vs Slug



Right In: 139.139 $\pm$ 782.928 χ^2 /NDF: 8.1/7

Left Out: 337.948 $\pm$ 109.831 χ^2 /NDF: 48.6/24

Right Out: 1058.299 $\pm$ 675.497 χ^2 /NDF: 9.9/10

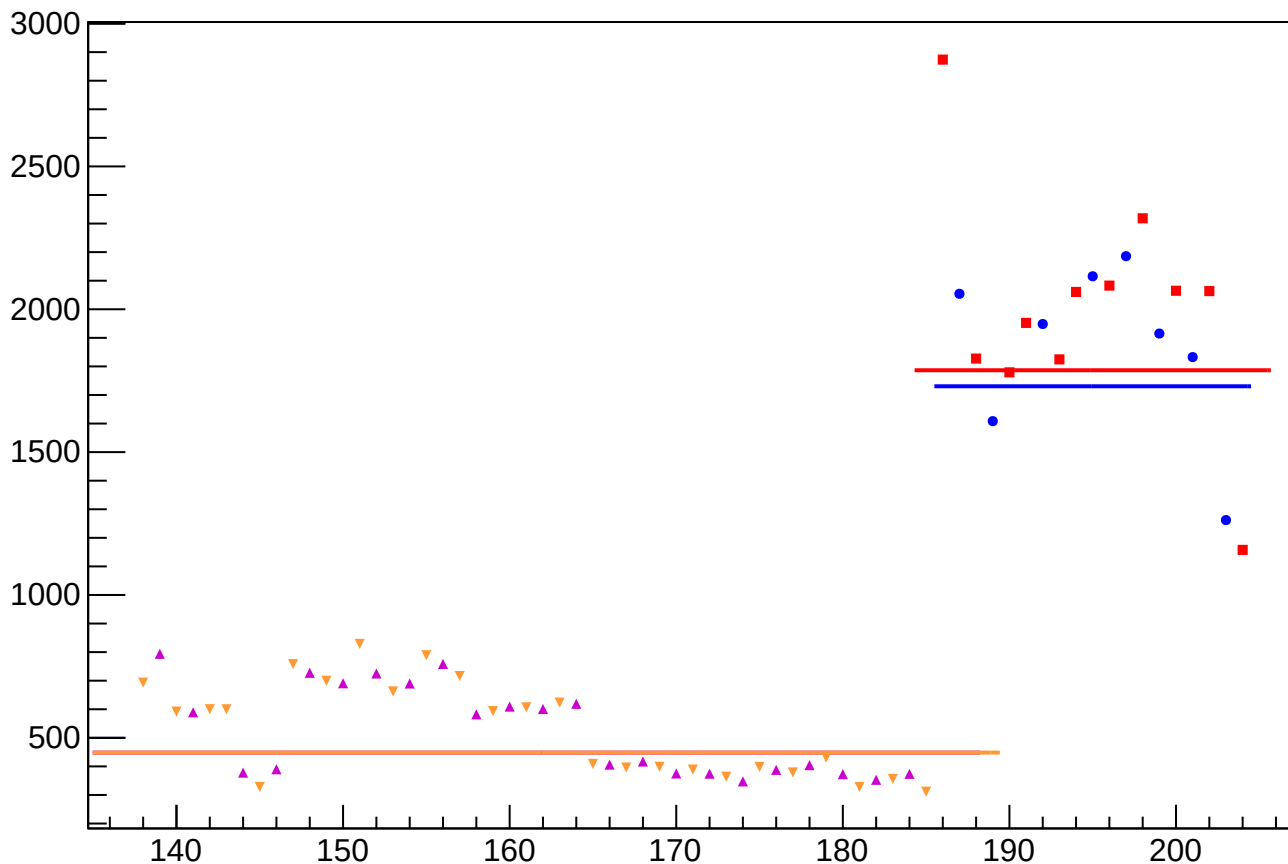
Left In: -99.475 $\pm$ 111.475 χ^2 /NDF: 32.1/22

+ sign 334.111 $\pm$ 108.766 χ^2 /NDF: 56.8/32

All: 134.915 $\pm$ 77.337 χ^2 /NDF: 108.4/66

- sign -68.780 $\pm$ 109.987 χ^2 /NDF: 44.8/33

asym_sam_26_avg_rms vs Slug



Right In: 1730.444 ± 0.554 χ^2/NDF : 381070.8/7

Left Out: 448.397 ± 0.078 χ^2/NDF : 3077183.0/24

Right Out: 1786.564 ± 0.478 χ^2/NDF : 785858.5/10

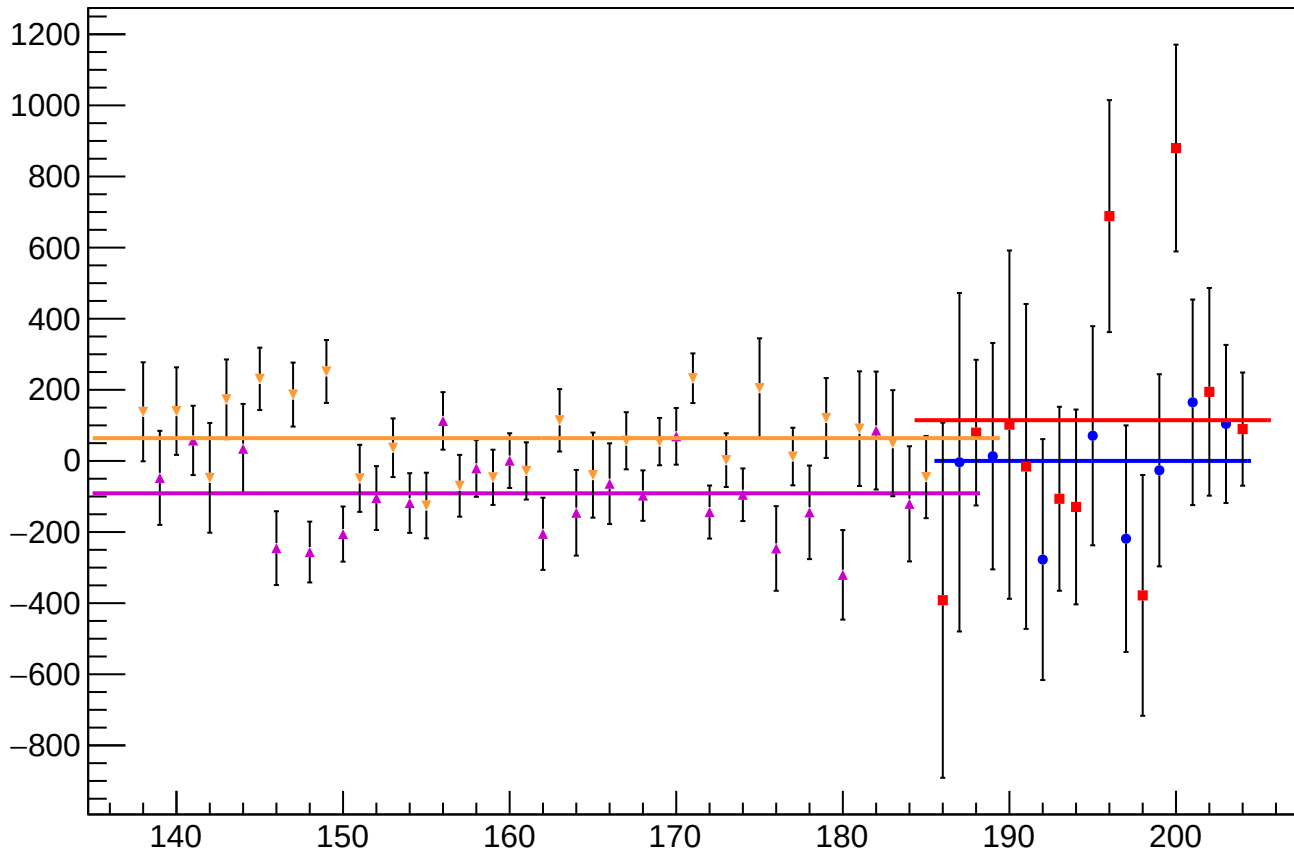
Left In: 448.238 ± 0.079 χ^2/NDF : 2563455.5/22

+ sign 473.139 ± 0.077 χ^2/NDF : 8717585.2/32

All: 478.370 ± 0.055 χ^2/NDF : 19718800.2/60

- sign 483.720 ± 0.078 χ^2/NDF : 10991857.5/33

dit_asym_sam_37_avg_mean vs Slug



Right In: 0.087 ± 105.843 χ^2/NDF : 1.7/7

Left Out: 64.142 ± 18.728 χ^2/NDF : 33.8/24

Right Out: 114.615 ± 82.710 χ^2/NDF : 14.9/10

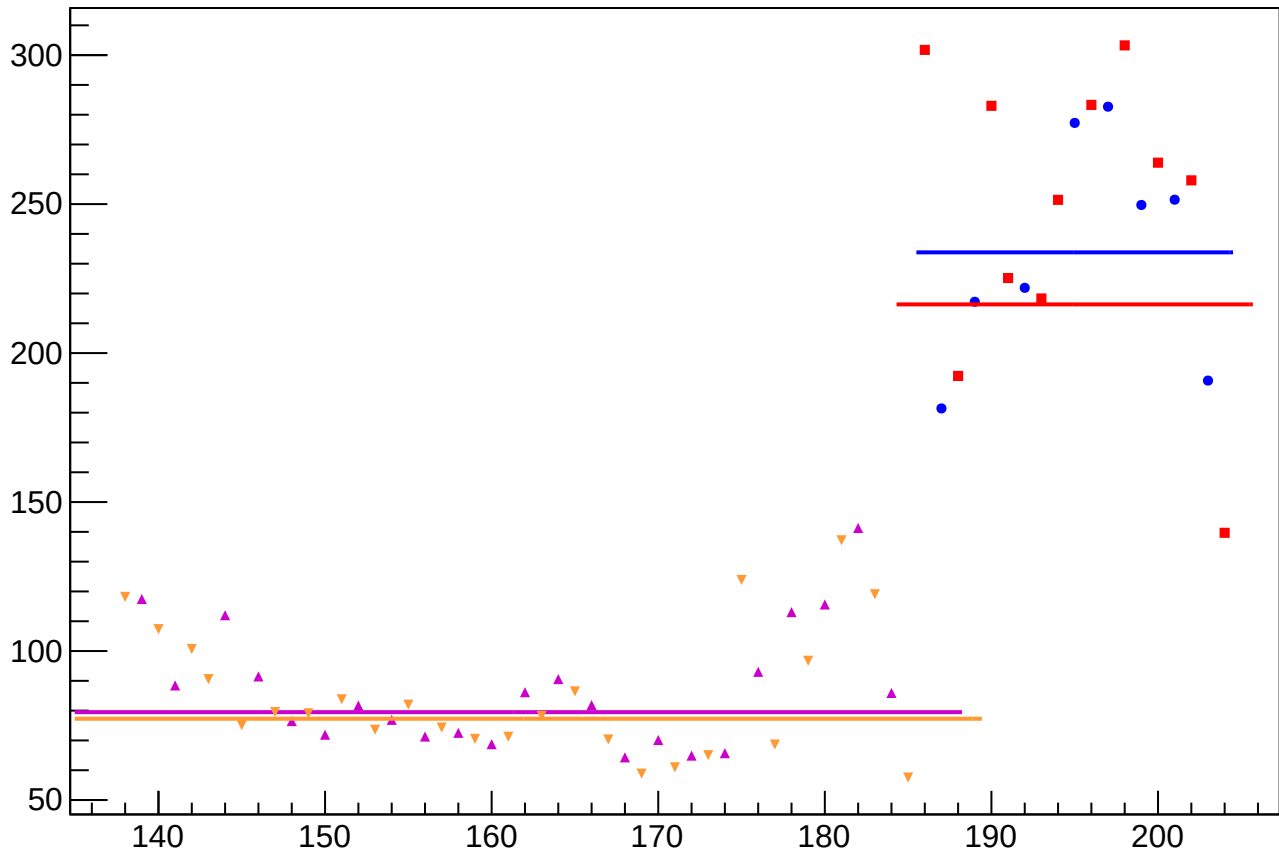
Left In: -91.028 ± 19.637 χ^2/NDF : 32.6/22

+ sign 62.197 ± 18.441 χ^2/NDF : 35.9/32

All: -6.410 ± 13.269 χ^2/NDF : 118.0/66

- sign -80.055 ± 19.106 χ^2/NDF : 53.4/33

dit_asym_sam_37_avg_rms vs Slug



Right In: 233.803 $\pm$ 0.075 χ^2 /NDF: 208280.1/7

Left Out: 77.280 $\pm$ 0.013 χ^2 /NDF:1553410.1/24

Right Out: 216.342 $\pm$ 0.058 χ^2 /NDF: 930659.2/10

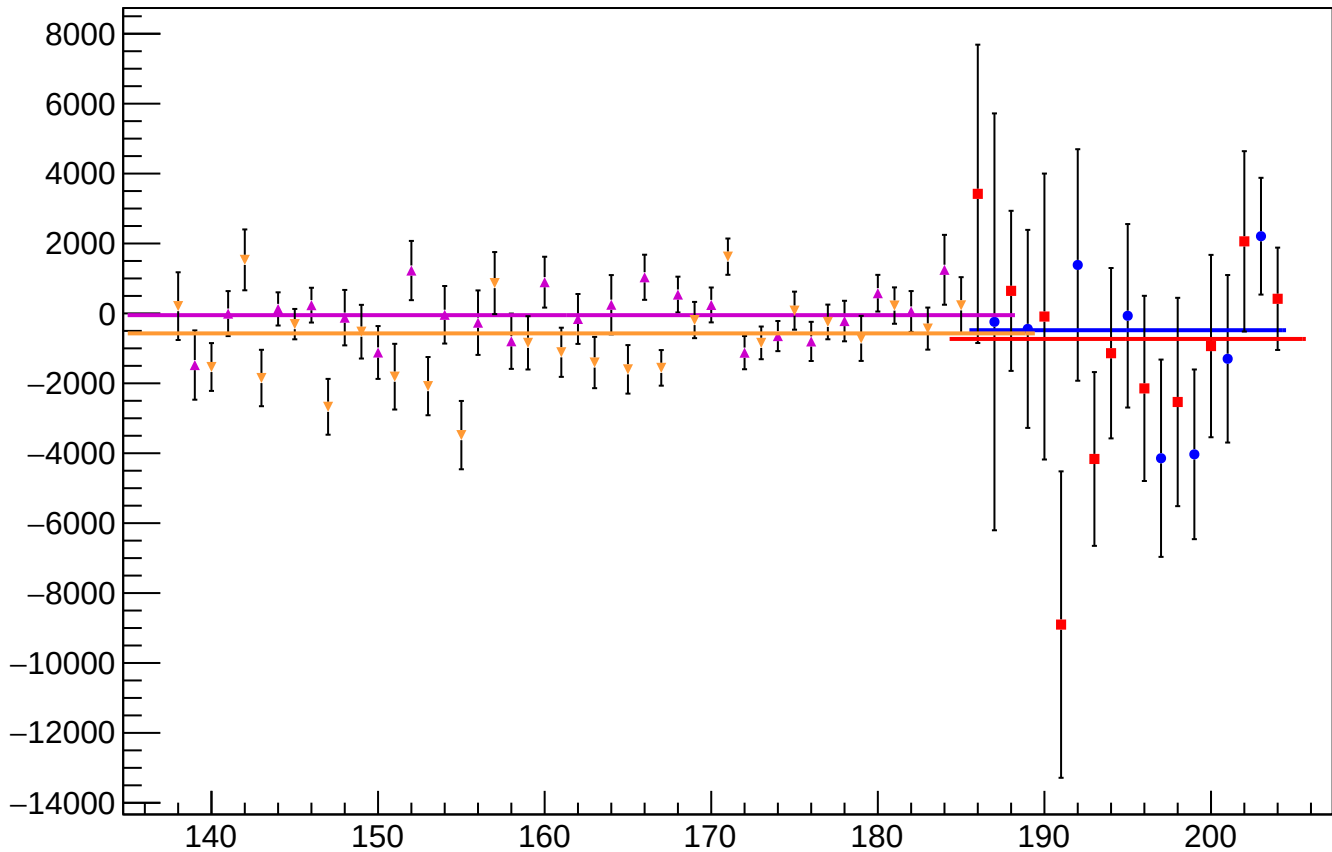
Left In: 79.491 $\pm$ 0.014 χ^2 /NDF:1333774.9/22

+ sign 82.031 $\pm$ 0.013 χ^2 /NDF: 6002754.0/32

All: 84.328 $\pm$ 0.009 χ^2 /NDF: 13514627.2/66

- sign 86.794 $\pm$ 0.014 χ^2 /NDF: 7447528.5/33

asym_sam_37_avg_correction_mean vs Slug



Right In: -480.461 $\pm$ 906.458 χ^2 /NDF: 6.9/7

Left Out: -571.669 $\pm$ 128.158 χ^2 /NDF:66.8/24

Right Out: -730.655 $\pm$ 765.450 χ^2 /NDF: 9.2/10

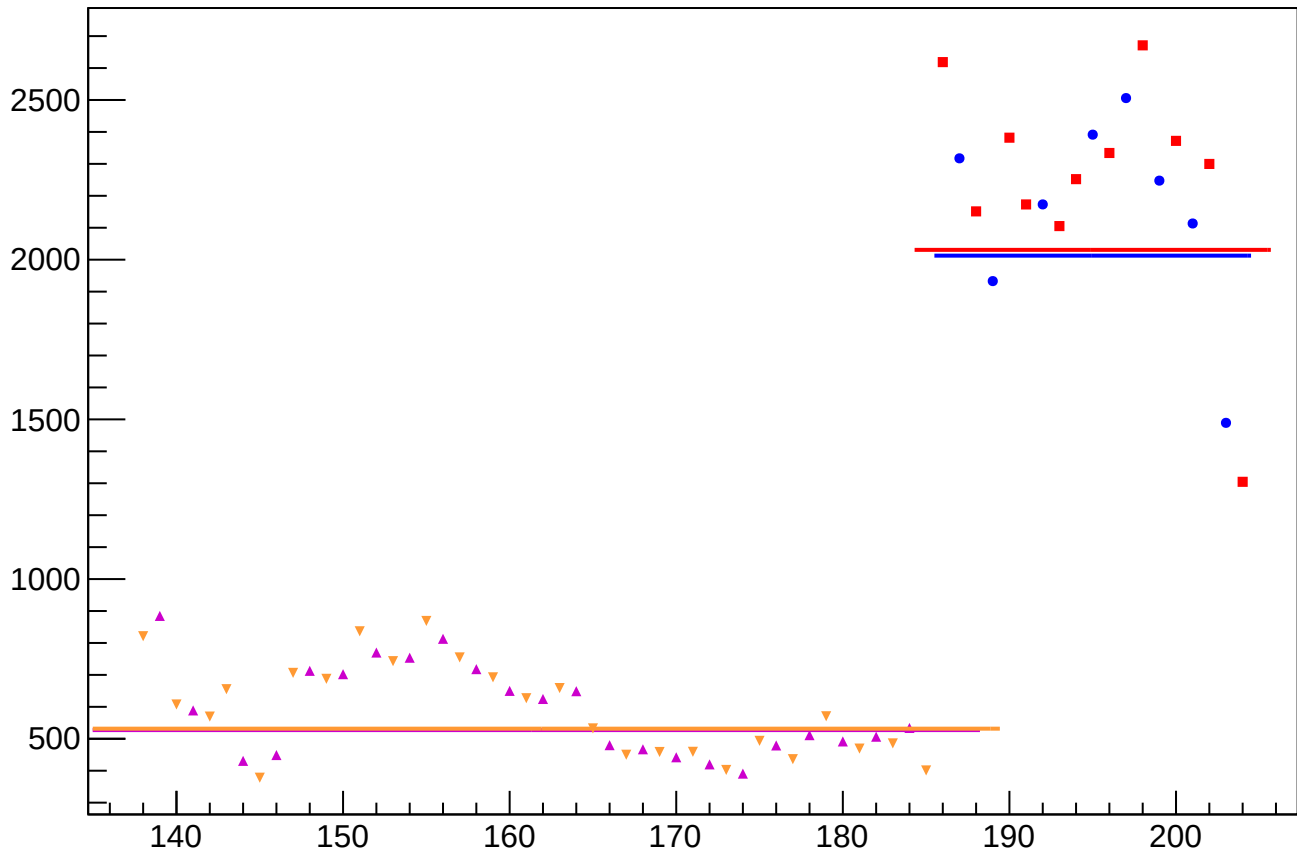
Left In: -50.077 $\pm$ 129.187 χ^2 /NDF:26.1/22

+ sign -569.881 $\pm$ 126.896 χ^2 /NDF: 73.7/32

All: -320.367 $\pm$ 89.901 χ^2 /NDF: 117.5/66

- sign -68.925 $\pm$ 127.385 χ^2 /NDF: 36.1/33

asym_sam_37_avg_correction_rms vs Slug



Right In: 2012.656 $\pm$ 0.641 χ^2 /NDF: 332978.9/7

Left Out: 531.643 $\pm$ 0.091 χ^2 /NDF: 2038304.3/24

Right Out: 2030.745 $\pm$ 0.541 χ^2 /NDF: 745465.3/10

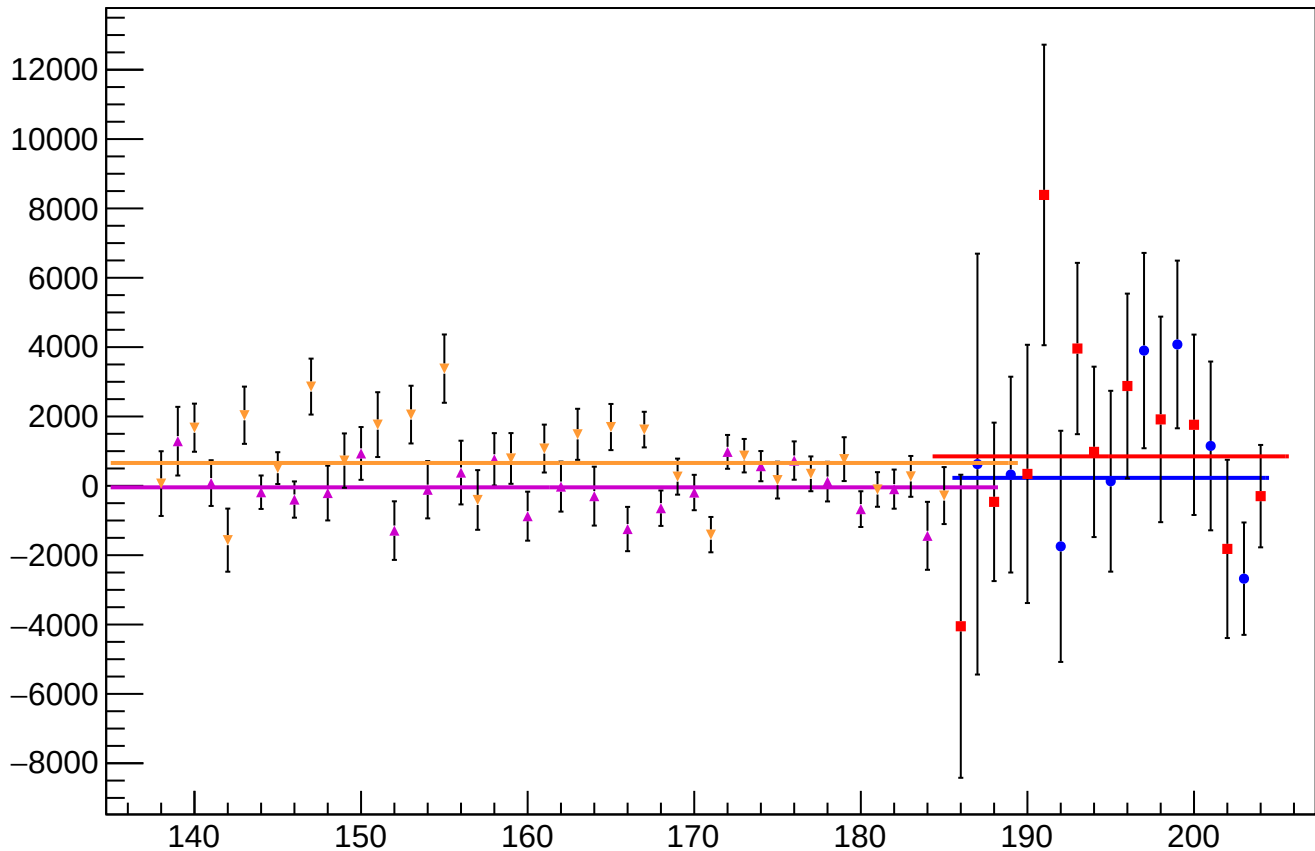
Left In: 527.182 $\pm$ 0.091 χ^2 /NDF: 1813383.7/22

+ sign 560.667 $\pm$ 0.090 χ^2 /NDF: 7605567.5/32

All: 564.730 $\pm$ 0.064 χ^2 /NDF: 17671652.3/60

- sign 568.824 $\pm$ 0.090 χ^2 /NDF: 10061968.7/33

asym_sam_37_avg_mean vs Slug



Right In: 229.641 $\pm$ 899.315 χ^2 /NDF: 8.0/7

Left Out: 659.523 $\pm$ 128.164 χ^2 /NDF: 62.4/24

Right Out: 849.616 $\pm$ 764.409 χ^2 /NDF: 8.7/10

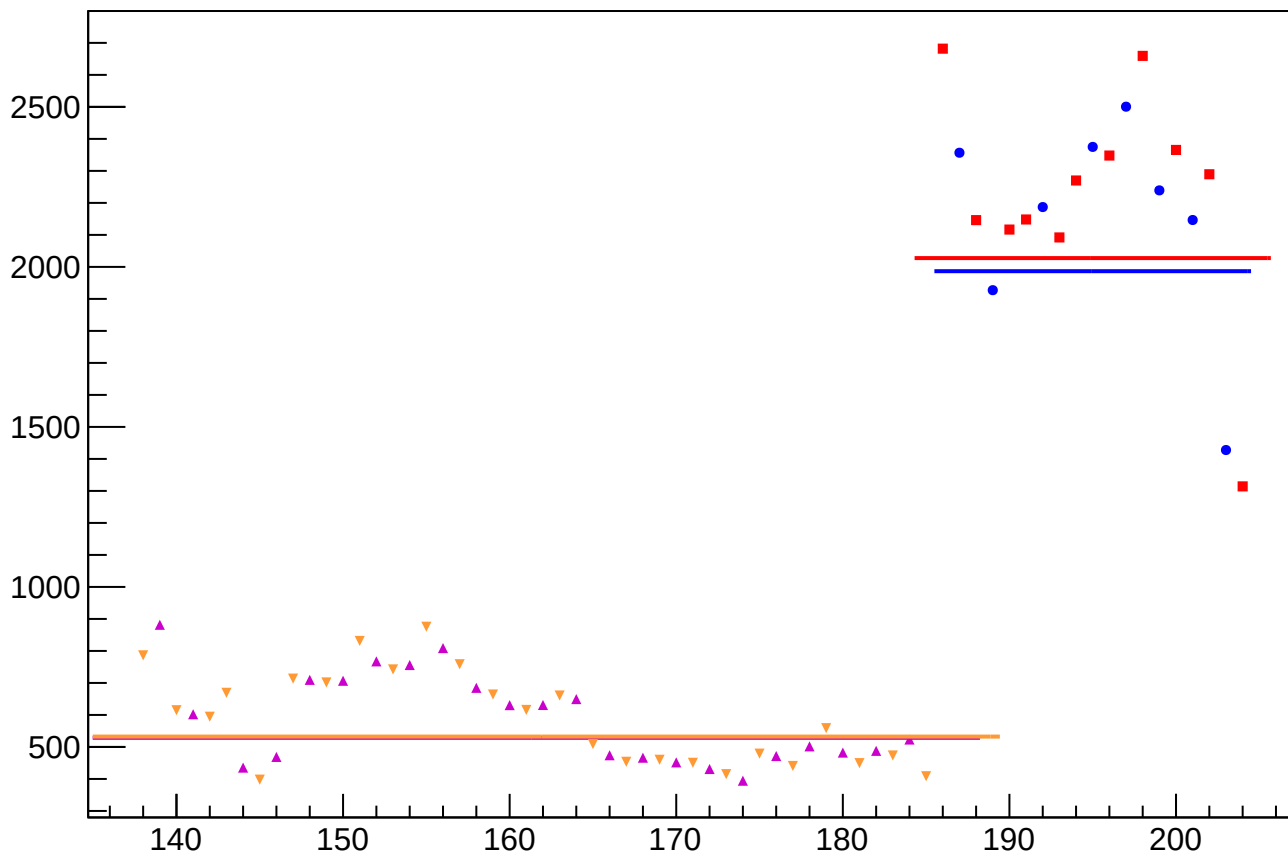
Left In: -43.183 $\pm$ 129.538 χ^2 /NDF: 26.0/22

+ sign 650.966 $\pm$ 126.882 χ^2 /NDF: 70.6/32

All: 318.547 $\pm$ 90.013 χ^2 /NDF: 120.5/66

- sign -18.260 $\pm$ 127.717 χ^2 /NDF: 36.1/33

asym_sam_37_avg_rms vs Slug



Right In: 1986.576 $\pm$ 0.636 χ^2 /NDF: 394809.0/7

Left Out: 532.393 $\pm$ 0.091 χ^2 /NDF: 1943066.8/24

Right Out: 2027.536 $\pm$ 0.541 χ^2 /NDF: 715016.2/10

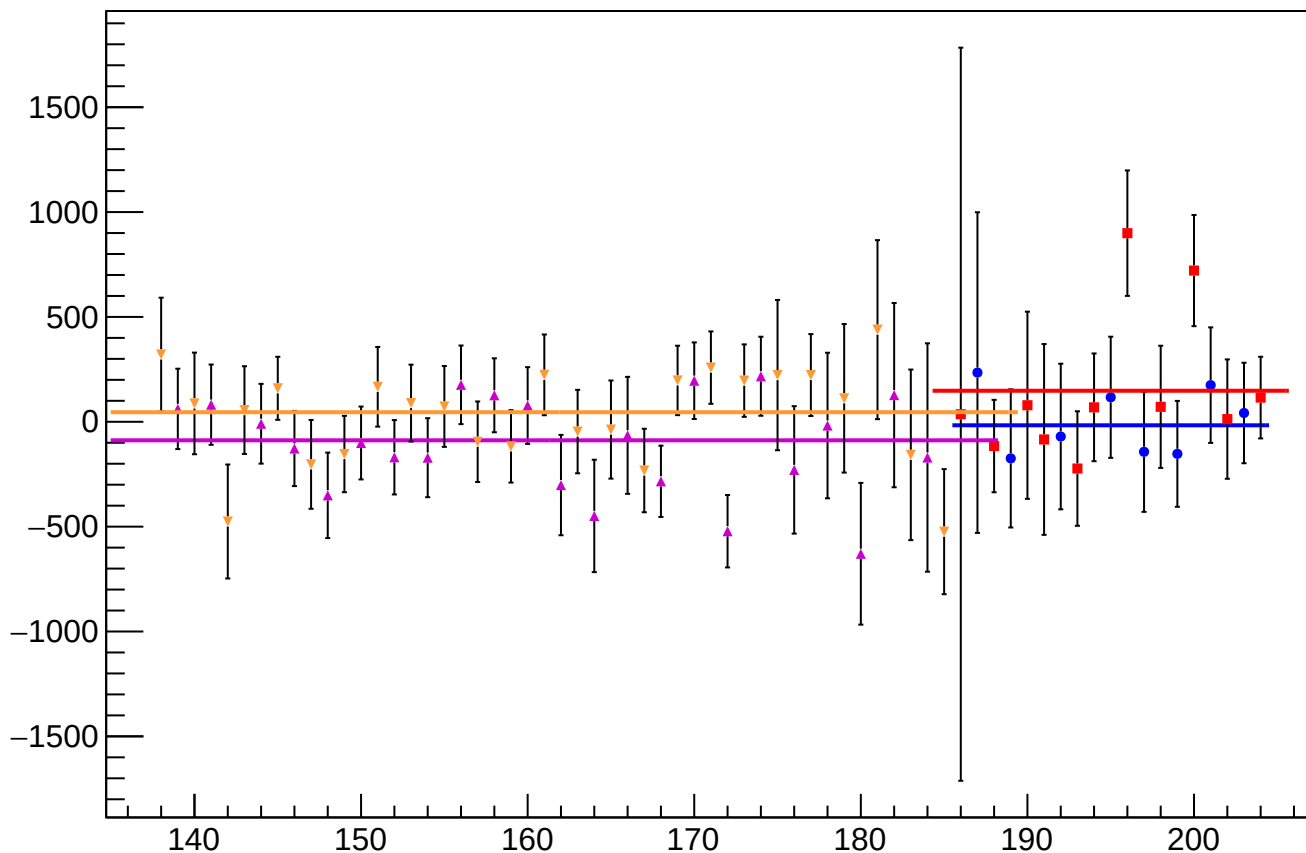
Left In: 528.464 $\pm$ 0.092 χ^2 /NDF: 1712049.5/22

+ sign 561.339 $\pm$ 0.090 χ^2 /NDF: 7463097.9/32

All: 565.796 $\pm$ 0.064 χ^2 /NDF: 17372124.7/60

- sign 570.312 $\pm$ 0.090 χ^2 /NDF: 9904058.8/33

dit_asym_sam_48_avg_mean vs Slug



Right In: -16.706 ± 105.588 χ^2/NDF : 1.6/7

Left Out: 45.675 ± 41.779 χ^2/NDF : 21.9/24

Right Out: 148.019 ± 85.984 χ^2/NDF : 15.0/10

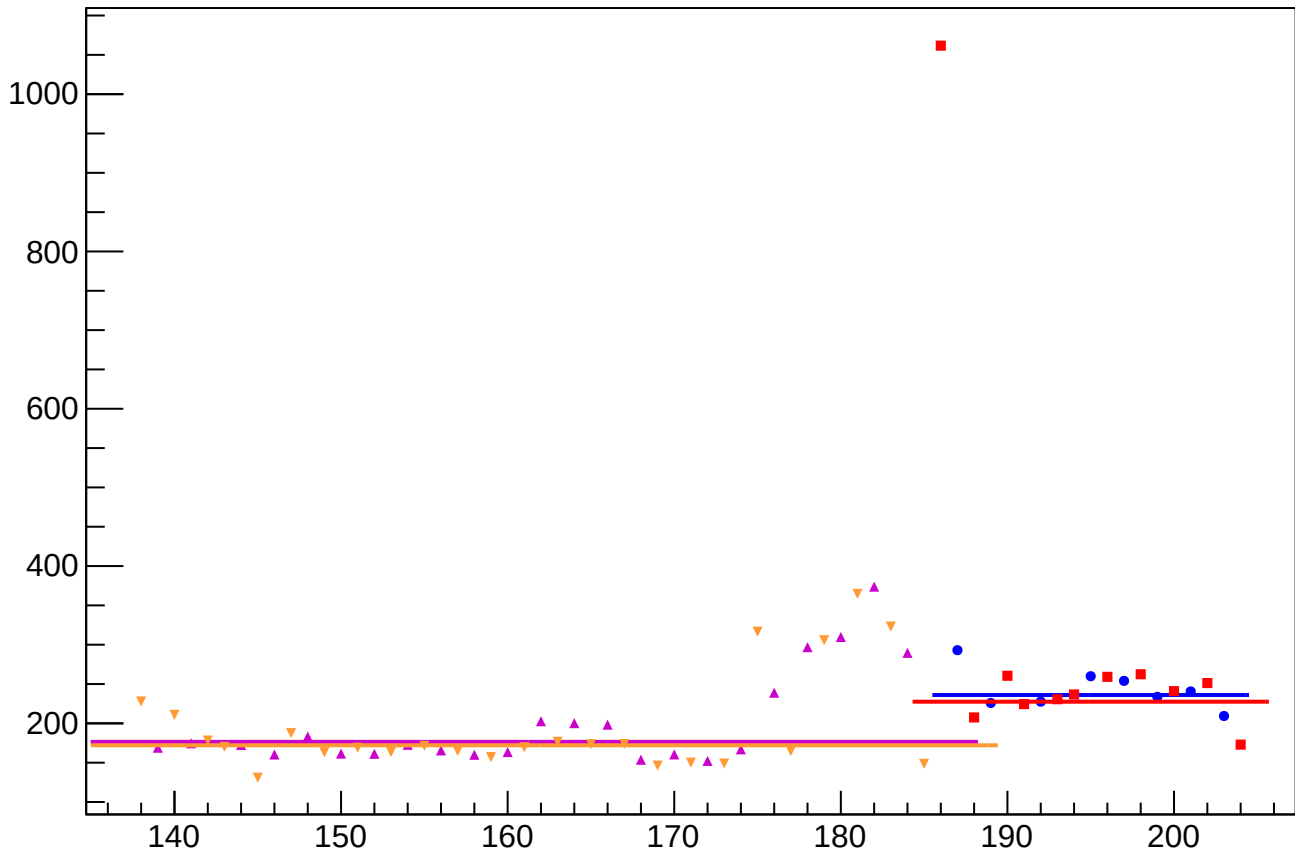
Left In: -88.356 ± 43.518 χ^2/NDF : 26.4/22

+ sign 37.231 ± 38.848 χ^2/NDF : 23.8/32

All: -1.481 ± 27.463 χ^2/NDF : 73.2/66

- sign -40.154 ± 38.828 χ^2/NDF : 47.3/33

dit_asym_sam_48_avg_rms vs Slug



Right In: 236.028 $\pm$ 0.075 χ^2 /NDF: 61311.2/7

Left Out: 172.097 $\pm$ 0.030 χ^2 /NDF: 1752497.1/24

Right Out: 227.540 $\pm$ 0.061 χ^2 /NDF: 713088.9/10

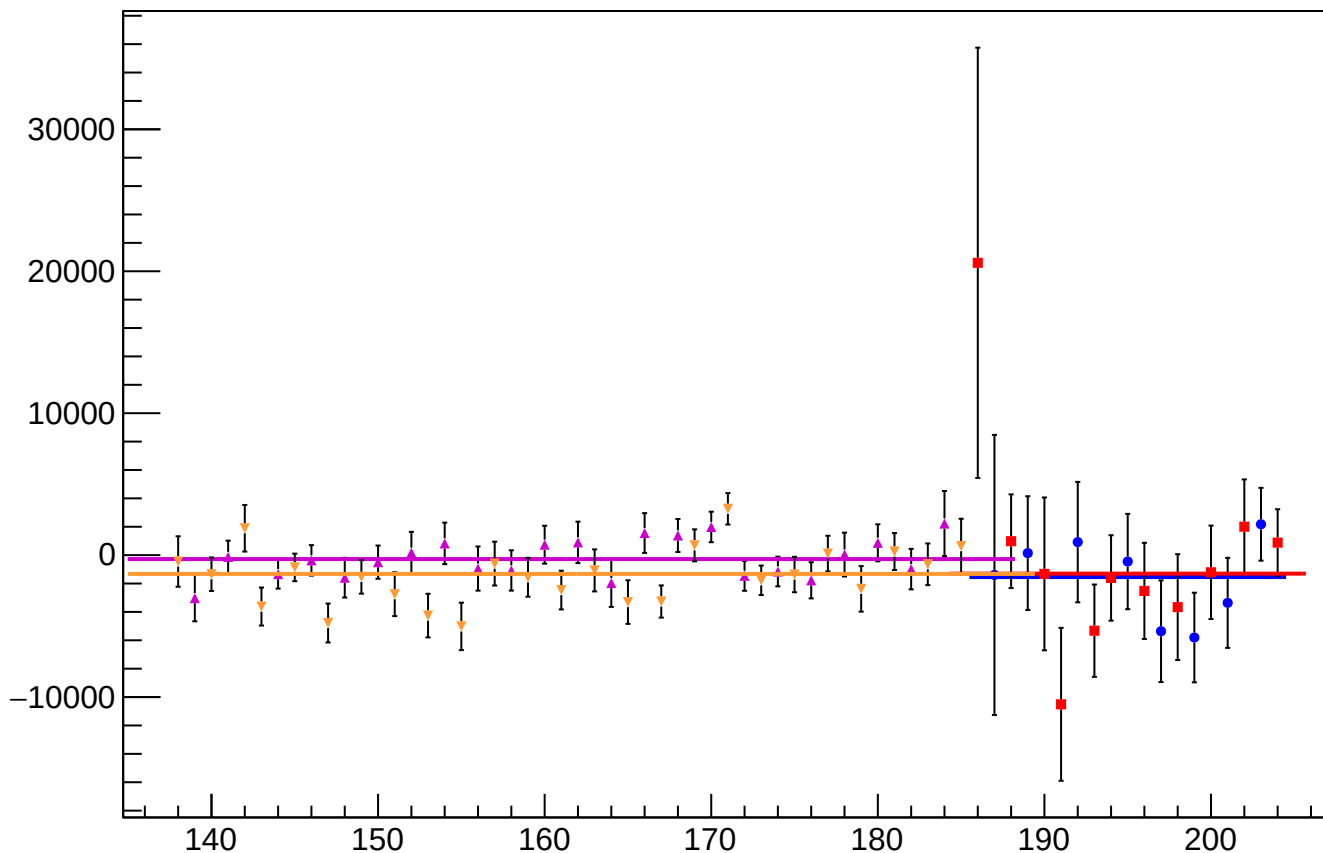
Left In: 176.425 $\pm$ 0.031 χ^2 /NDF: 1360607.7/22

+ sign 180.751 $\pm$ 0.027 χ^2 /NDF: 2447771.0/32

All: 183.801 $\pm$ 0.019 χ^2 /NDF: 5108788.7/66

- sign 186.848 $\pm$ 0.027 χ^2 /NDF: 2636371.1/33

asym_sam_48_avg_correction_mean vs Slug



Right In: -1543.812 ± 1243.626 χ^2/NDF : 6.0/7

Left Out: -1324.367 ± 265.950 χ^2/NDF : 53.6/24

Right Out: -1304.177 ± 1058.743 χ^2/NDF : 9.4/10

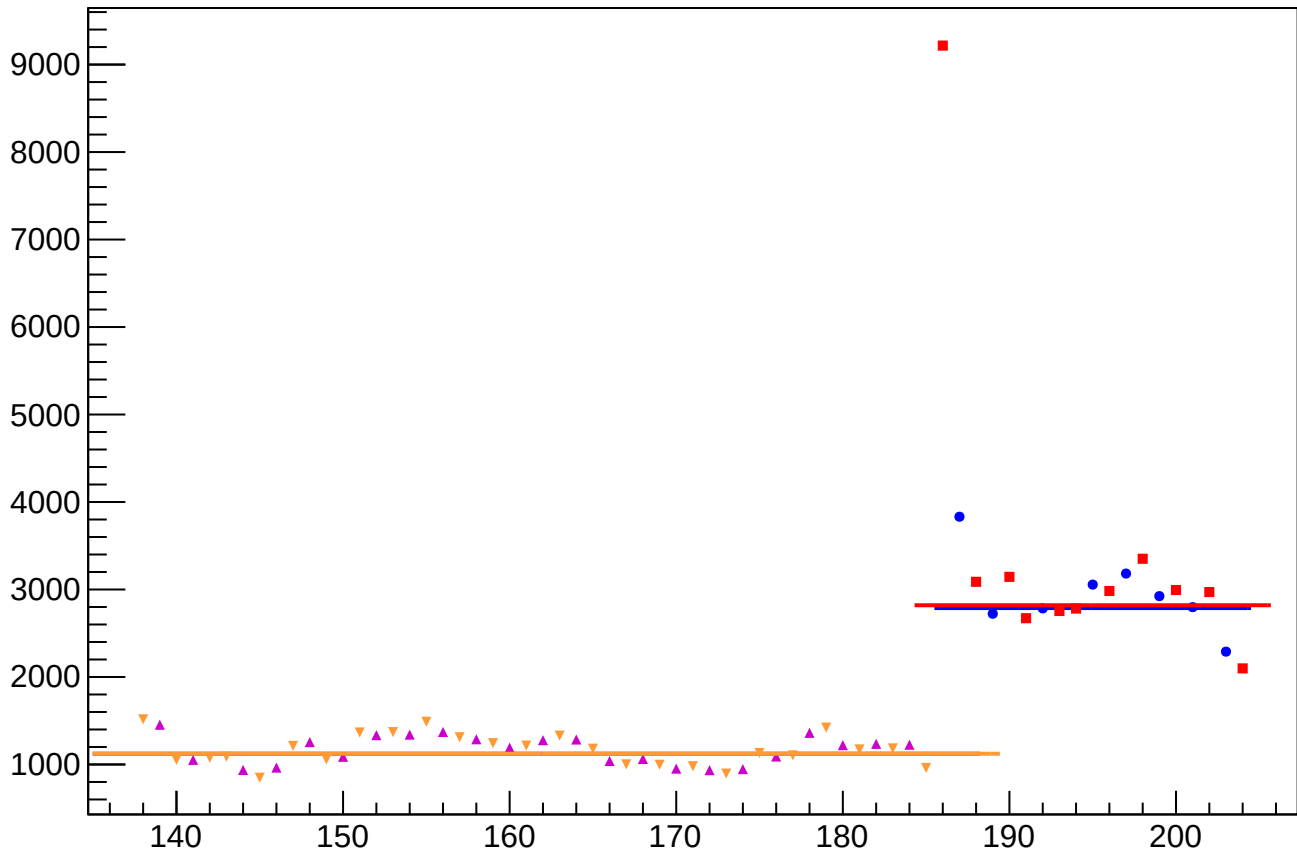
Left In: -276.678 ± 270.547 χ^2/NDF : 22.0/22

+ sign -1333.963 ± 260.070 χ^2/NDF : 59.7/32

All: -840.723 ± 184.619 χ^2/NDF : 99.2/66

- sign -339.659 ± 262.124 χ^2/NDF : 32.3/33

asym_sam_48_avg_correction_rms vs Slug



Right In: 2787.903+/-0.879 χ^2/NDF : 139064.0/7

Left Out: 1123.022+/-0.188 χ^2/NDF : 842393.5/24

Right Out: 2819.951+/-0.749 χ^2/NDF : 622373.0/10

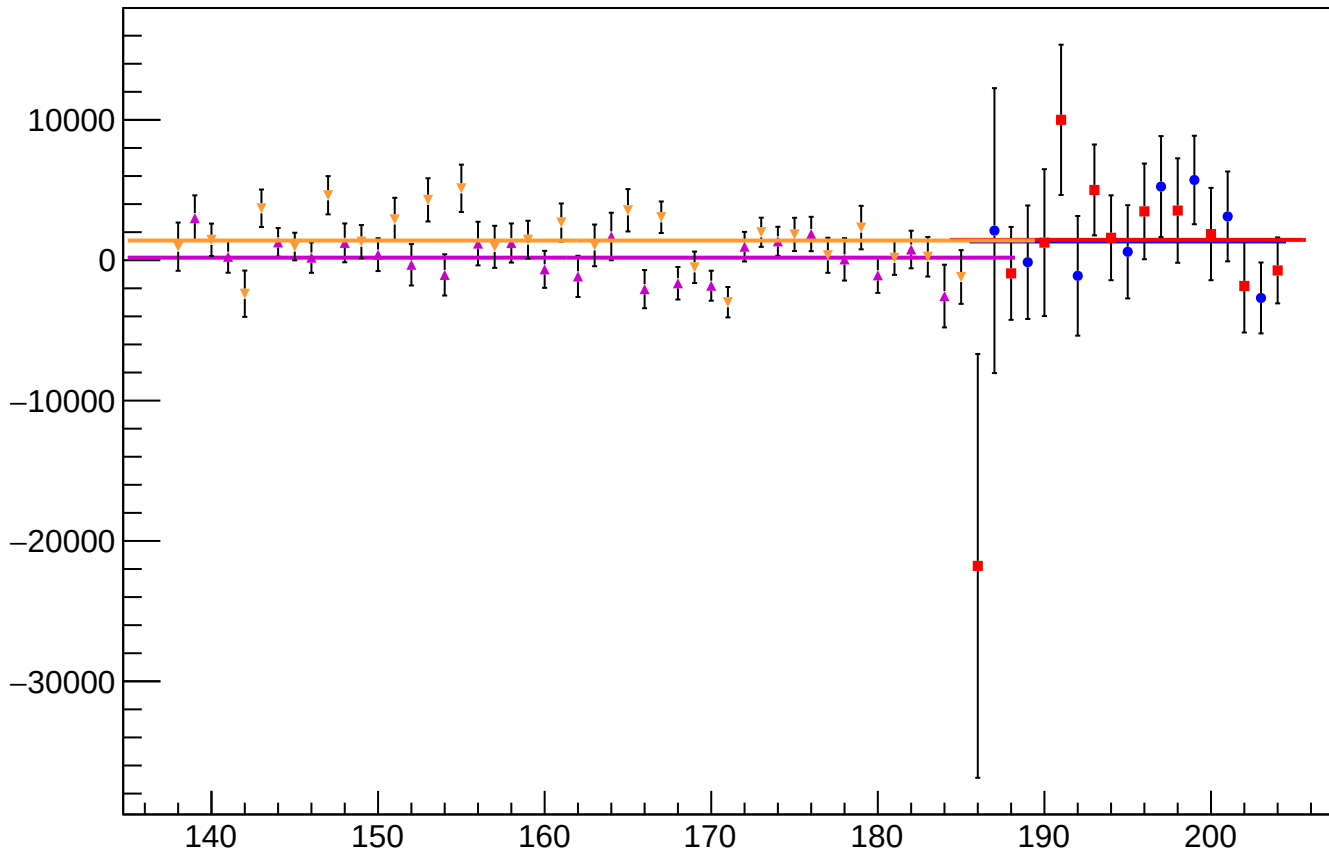
Left In: 1123.148+/-0.191 χ^2/NDF : 689778.4/22

+ sign 1195.831+/-0.184 χ^2/NDF : 4409110.6/32

All: 1211.370+/-0.131 χ^2/NDF : 10557804.5/6

- sign 1227.155+/-0.185 χ^2/NDF : 6134300.8/33

asym_sam_48_avg_mean vs Slug



Right In: 1341.094 $\pm$ 1241.714 χ^2 /NDF: 6.5/7

Left Out: 1404.763 $\pm$ 262.517 χ^2 /NDF: 53.1/24

Right Out: 1450.131 $\pm$ 1057.341 χ^2 /NDF: 9.2/10

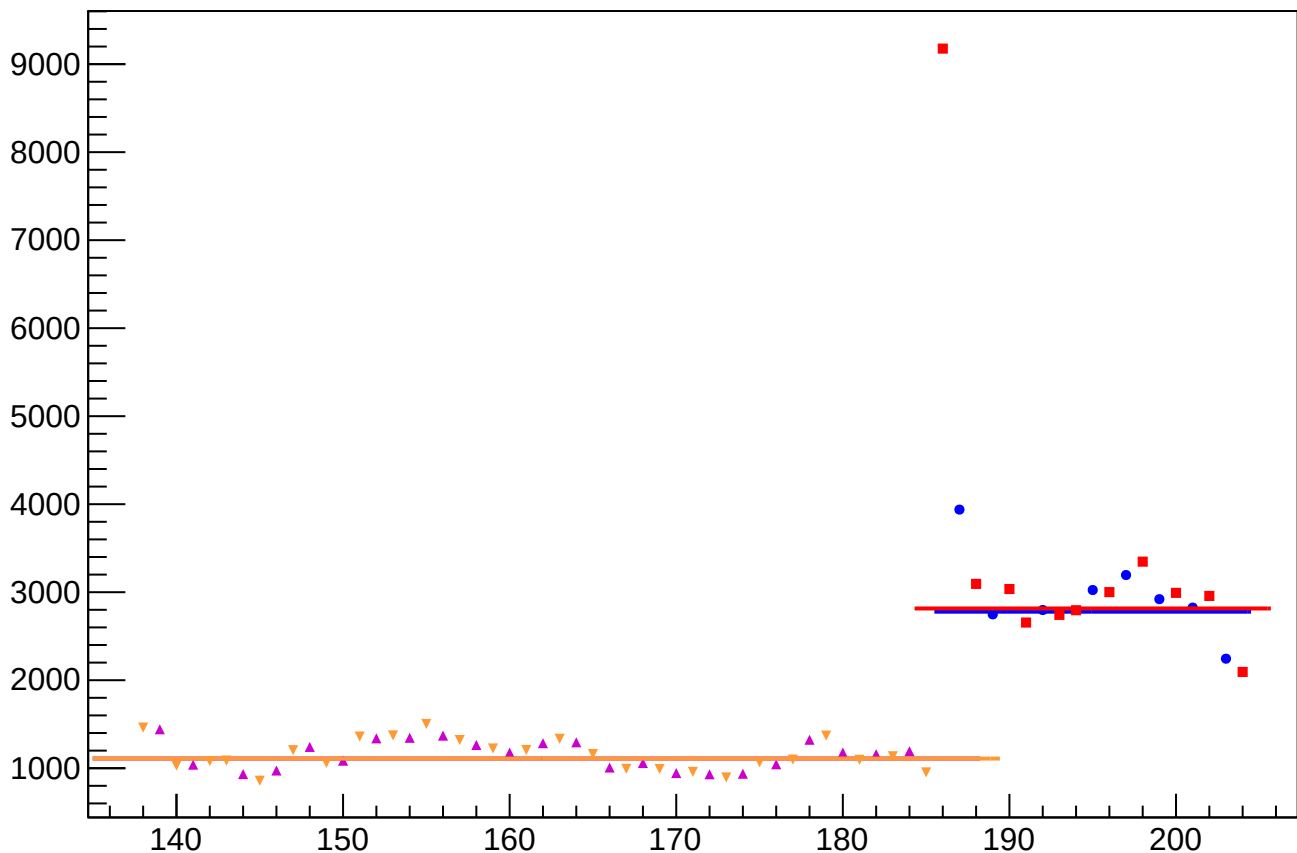
Left In: 183.249 $\pm$ 267.620 χ^2 /NDF: 23.7/22

+ sign 1402.039 $\pm$ 256.840 χ^2 /NDF: 59.6/32

All: 836.532 $\pm$ 182.525 χ^2 /NDF: 103.6/66

- sign 259.523 $\pm$ 259.439 χ^2 /NDF: 34.2/33

asym_sam_48_avg_rms vs Slug



Right In: 2778.741+/-0.878 χ^2/NDF : 157942.5/7

Left Out: 1109.574+/-0.186 χ^2/NDF : 812957.8/24

Right Out: 2815.074+/-0.748 χ^2/NDF : 620289.7/10

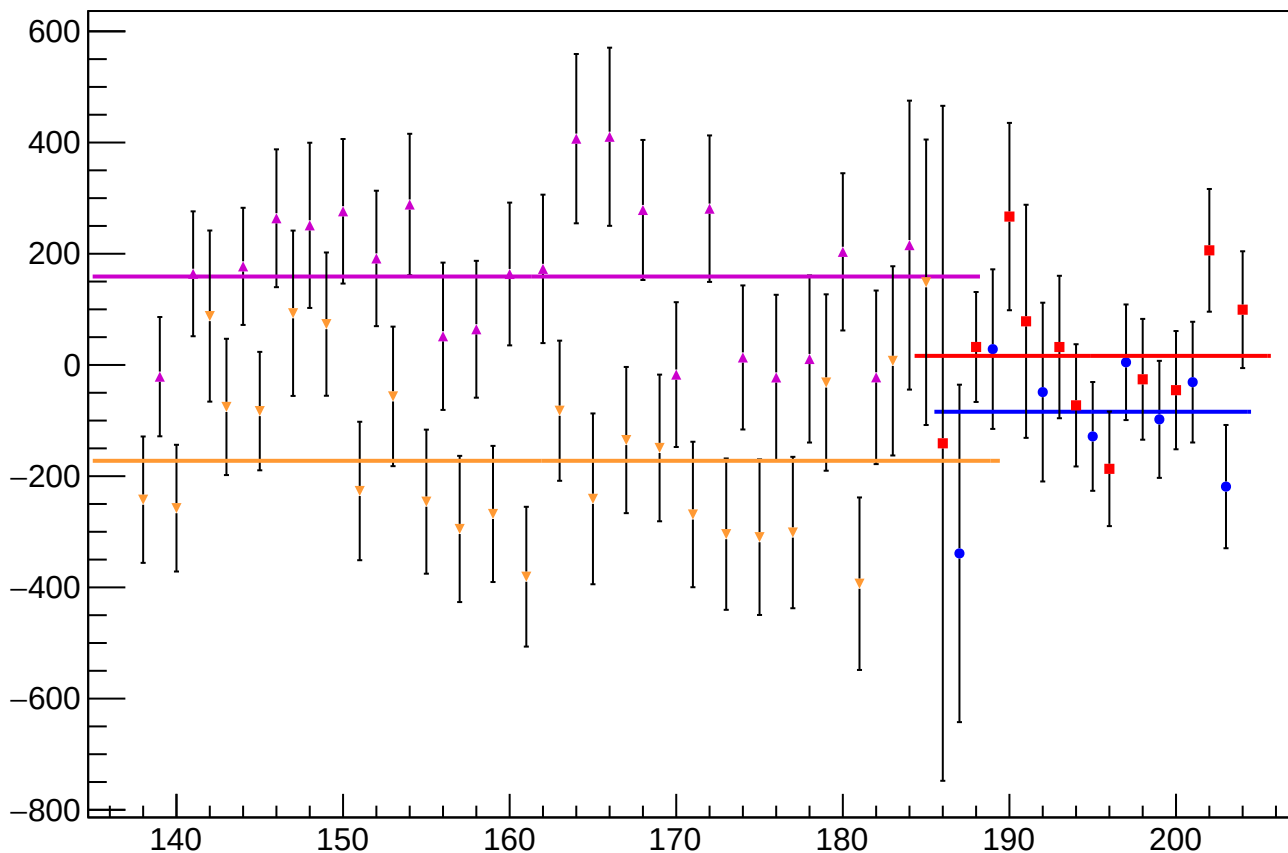
Left In: 1110.162+/-0.189 χ^2/NDF : 673229.2/22

+ sign 1180.988+/-0.182 χ^2/NDF : 4430265.2/32

All: 1196.738+/-0.129 χ^2/NDF : 10625913.7/6

- sign 1212.808+/-0.183 χ^2/NDF : 6180454.2/33

dit_asym_sam_15_dd_mean vs Slug



Right In: -84.149 $\pm$ 42.572 χ^2/NDF : 4.0/7

Left Out: -172.357 $\pm$ 26.709 χ^2/NDF : 27.2/24

Right Out: 16.352 $\pm$ 36.589 χ^2/NDF : 11.0/10

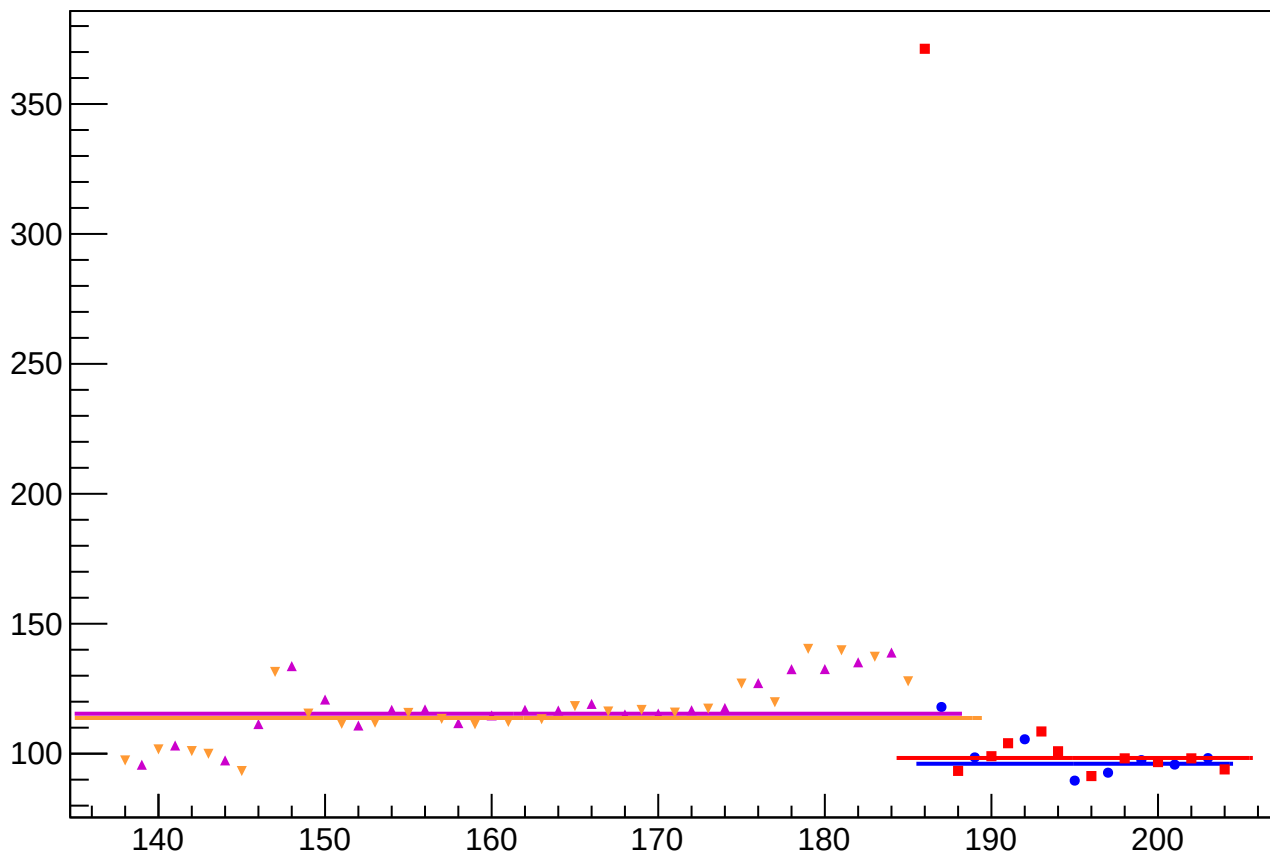
Left In: 159.044 $\pm$ 27.608 χ^2/NDF : 21.1/22

+ sign -147.443 $\pm$ 22.625 χ^2/NDF : 34.3/32

All: -16.737 $\pm$ 15.787 χ^2/NDF : 141.2/66

- sign 107.278 $\pm$ 22.038 χ^2/NDF : 41.8/33

dit_asym_sam_15_dd_rms vs Slug



Right In: 96.118 $\pm$ 0.030 χ^2/NDF : 29947.6/7

Left Out: 113.727 $\pm$ 0.019 χ^2/NDF : 392153.8/24

Right Out: 98.344 $\pm$ 0.026 χ^2/NDF : 437819.9/10

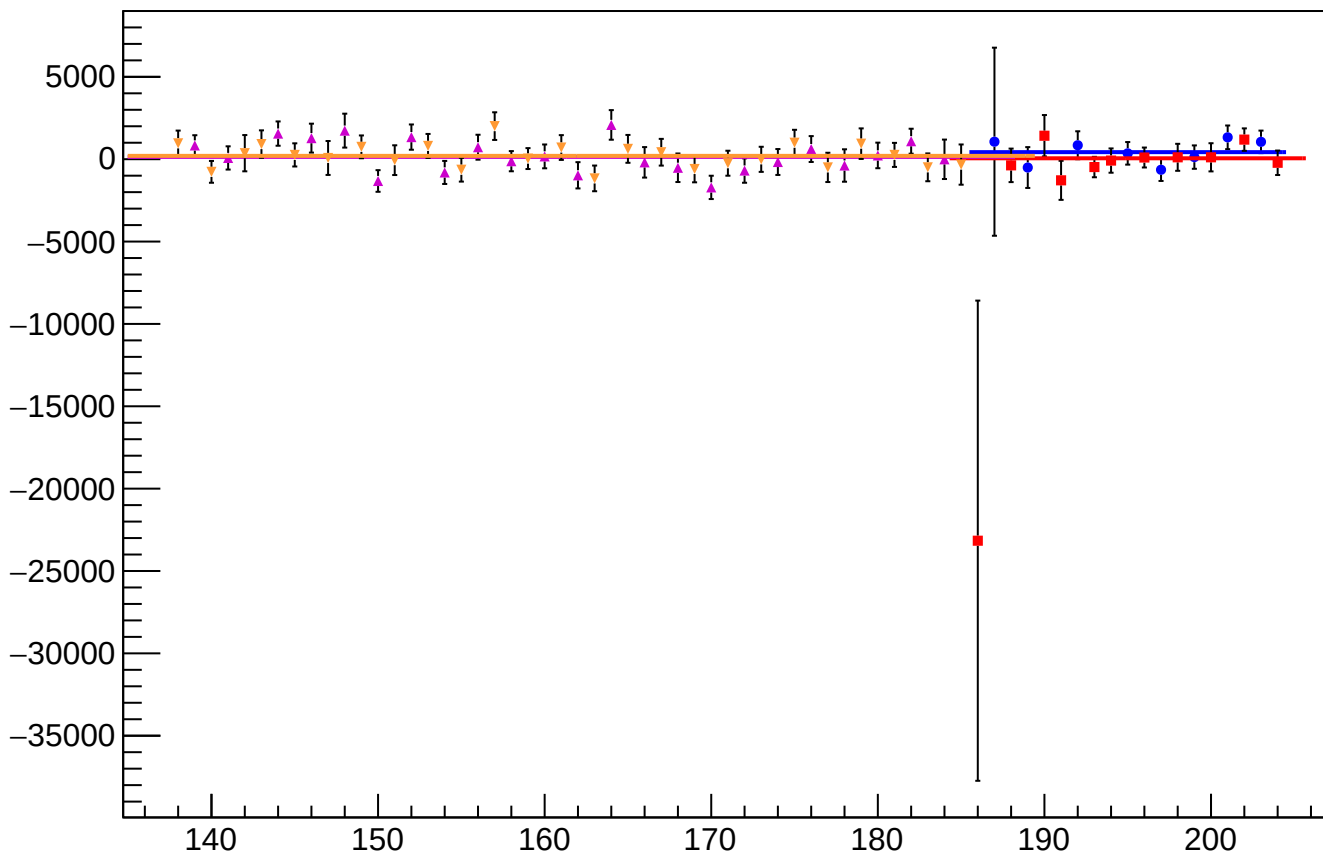
Left In: 115.377 $\pm$ 0.020 χ^2/NDF : 309034.7/22

+ sign 108.754 $\pm$ 0.016 χ^2/NDF : 667627.1/32

All: 108.982 $\pm$ 0.011 χ^2/NDF : 1691026.6/66

- sign 109.198 $\pm$ 0.016 χ^2/NDF : 1023004.3/33

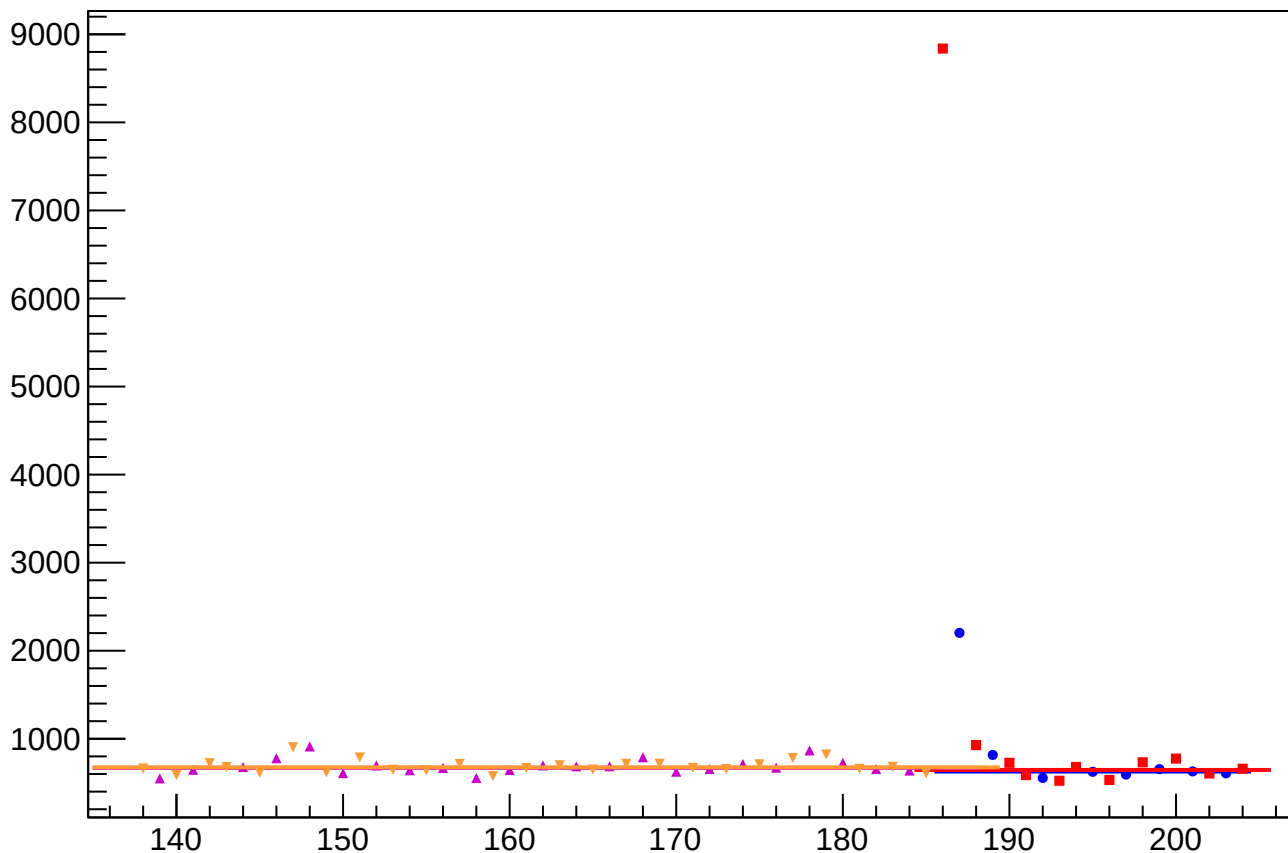
asym_sam_15_dd_correction_mean vs Slug



Right In: 428.612 $\pm$ 283.654 χ^2 /NDF: 5.9/7
Left Out: 202.466 $\pm$ 159.030 χ^2 /NDF: 19.8/24
Right Out: 55.412 $\pm$ 247.608 χ^2 /NDF: 8.9/10
Left In: 140.039 $\pm$ 161.024 χ^2 /NDF: 36.9/22

+ sign 256.550 $\pm$ 138.716 χ^2 /NDF: 26.2/32
All: 183.790 $\pm$ 96.743 χ^2 /NDF: 72.5/66
- sign 114.886 $\pm$ 134.990 χ^2 /NDF: 45.8/33

asym_sam_15_dd_correction_rms vs Slug



Right In: 628.269 $\pm$ 0.201 χ^2 /NDF: 222880.6/7

Left Out: 675.335 $\pm$ 0.112 χ^2 /NDF: 358713.6/24

Right Out: 646.027 $\pm$ 0.175 χ^2 /NDF: 1027976.6/10

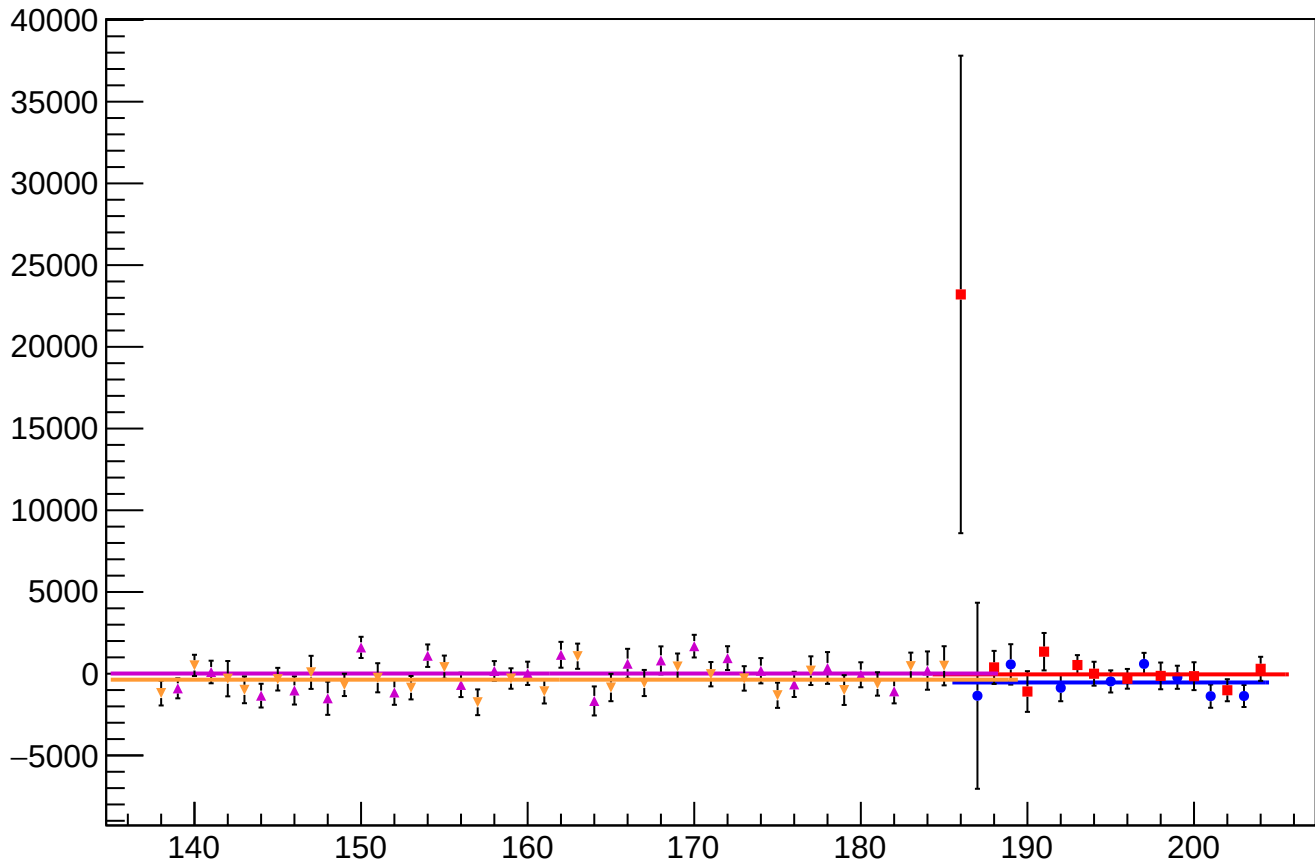
Left In: 669.938 $\pm$ 0.114 χ^2 /NDF: 464085.7/22

+ sign 664.079 $\pm$ 0.098 χ^2 /NDF: 623488.0/32

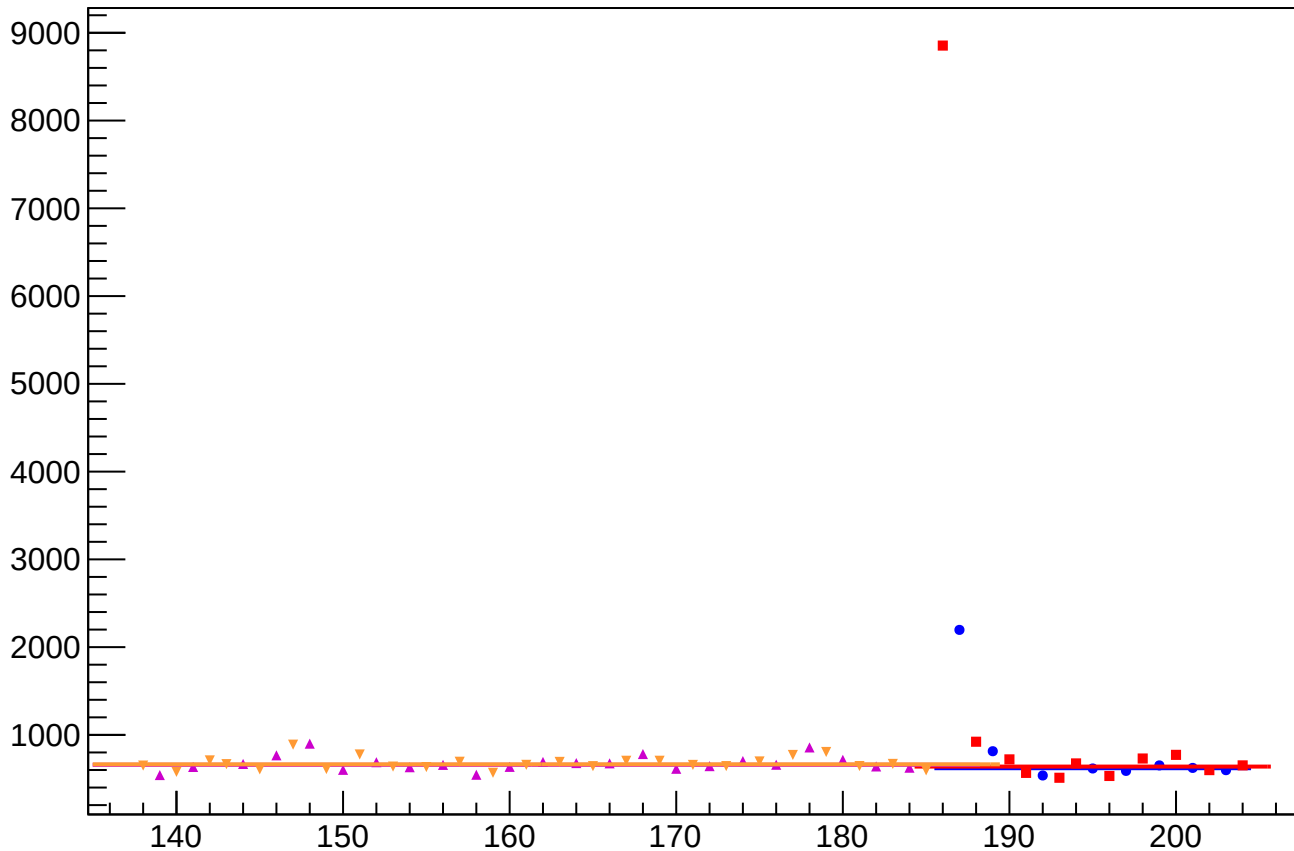
All: 663.438 $\pm$ 0.068 χ^2 /NDF: 2128740.4/66

- sign 662.831 $\pm$ 0.095 χ^2 /NDF: 1505169.3/33

asym_sam_15_dd_mean vs Slug



asym_sam_15_dd_rms vs Slug



Right In: 620.489+/-0.198 χ^2/NDF : 233319.1/7

Left Out: 664.618+/-0.111 χ^2/NDF : 356964.3/24

Right Out: 639.012+/-0.173 χ^2/NDF : 1044351.7/10

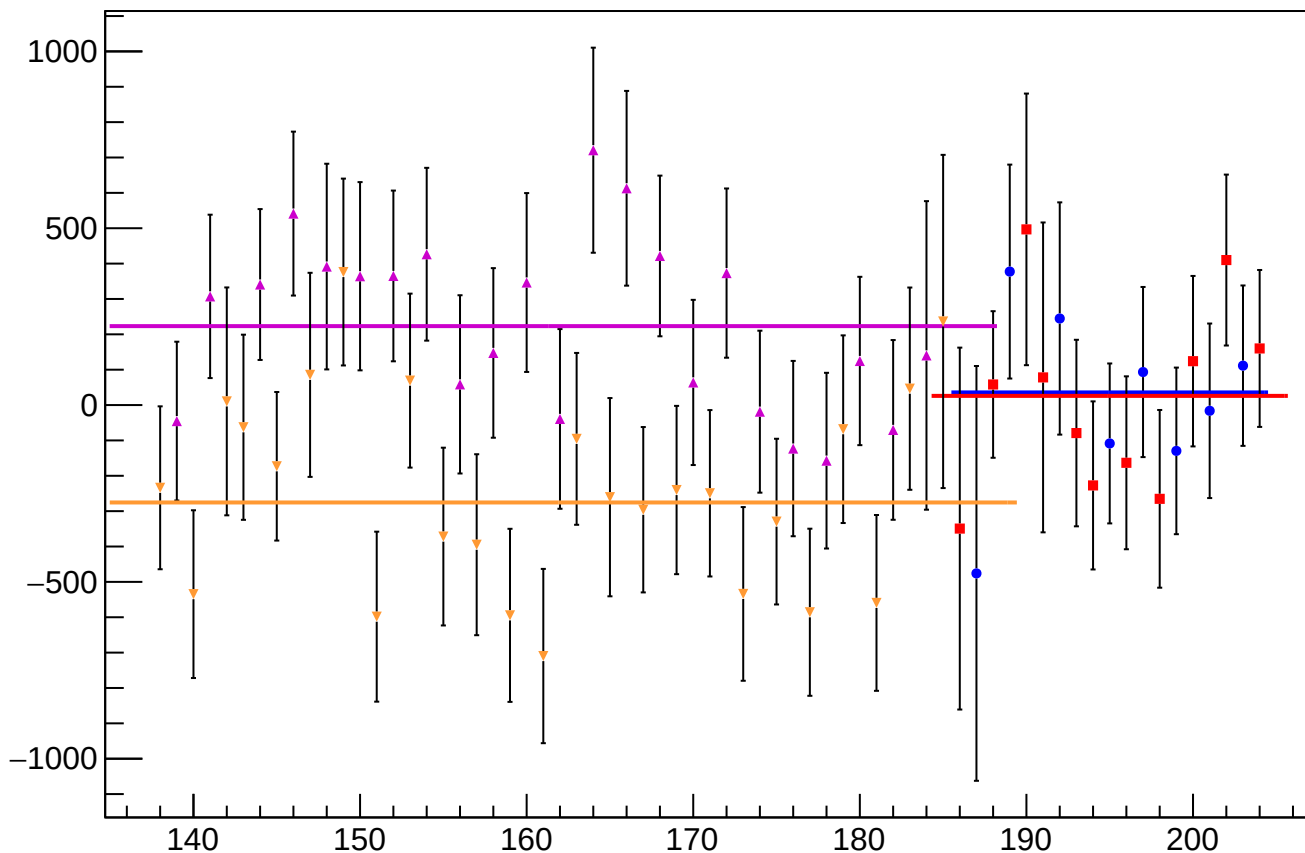
Left In: 659.230+/-0.112 χ^2/NDF : 472744.9/22

+ sign 654.155+/-0.097 χ^2/NDF : 628084.4/32

All: 653.701+/-0.067 χ^2/NDF : 2154818.4/66

- sign 653.269+/-0.094 χ^2/NDF : 1526691.0/33

dit_asym_sam_26_dd_mean vs Slug



Right In: 35.719 $\pm$ 93.722 χ^2/NDF : 3.6/7

Left Out: -275.447 $\pm$ 50.539 χ^2/NDF :27.3/24

Right Out: 25.958 $\pm$ 79.454 χ^2/NDF : 8.4/10

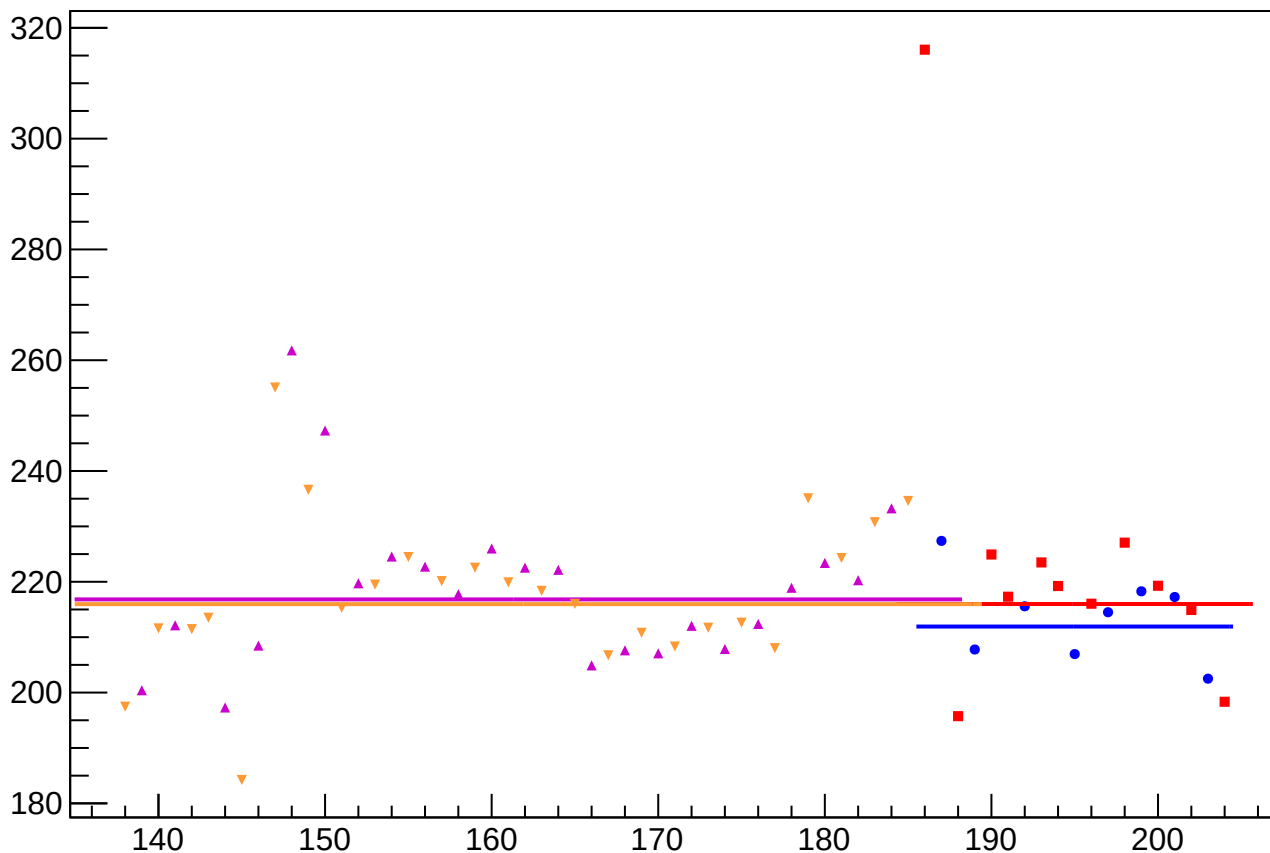
Left In: 223.195 $\pm$ 51.742 χ^2/NDF :20.8/22

+ sign -205.347 $\pm$ 44.484 χ^2/NDF : 39.4/32

All: -15.707 $\pm$ 31.049 χ^2/NDF : 108.3/66

- sign 164.460 $\pm$ 43.358 χ^2/NDF : 33.5/33

dit_asym_sam_26_dd_rms vs Slug



Right In: 211.921 $\pm$ 0.066 χ^2 /NDF: 9047.6/7

Left Out: 215.963 $\pm$ 0.036 χ^2 /NDF:144735.1/24

Right Out: 215.987 $\pm$ 0.056 χ^2 /NDF: 115644.0/10

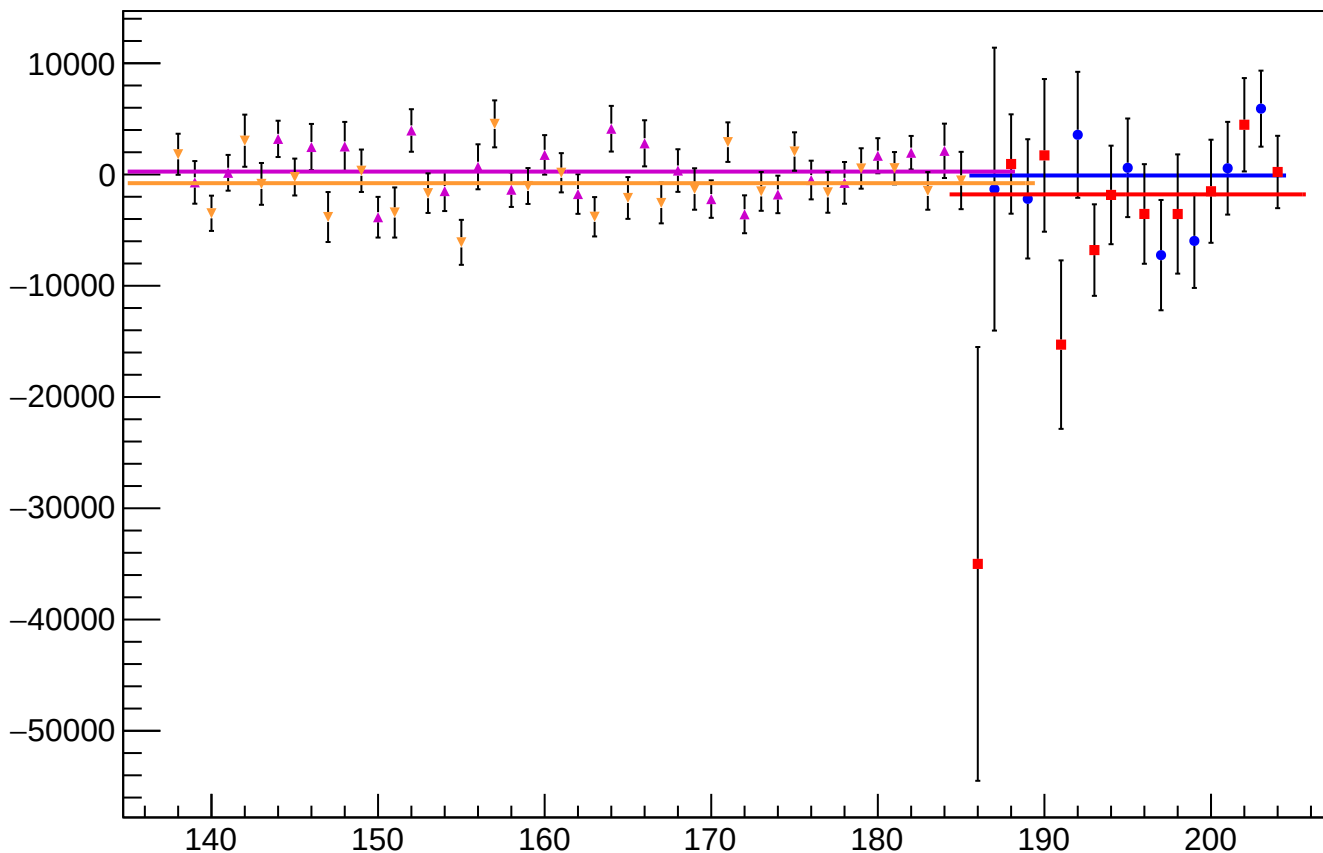
Left In: 216.821 $\pm$ 0.037 χ^2 /NDF:132518.8/22

+ sign 215.052 $\pm$ 0.031 χ^2 /NDF: 156665.4/32

All: 215.832 $\pm$ 0.022 χ^2 /NDF: 406181.0/66

- sign 216.573 $\pm$ 0.031 χ^2 /NDF: 248317.5/33

asym_sam_26_dd_correction_mean vs Slug



Right In: -87.341 ± 1659.657 χ^2/NDF : 7.7/7

Left Out: -779.146 ± 366.965 χ^2/NDF : 38.5/24

Right Out: -1786.775 ± 1436.959 χ^2/NDF : 11.1/10

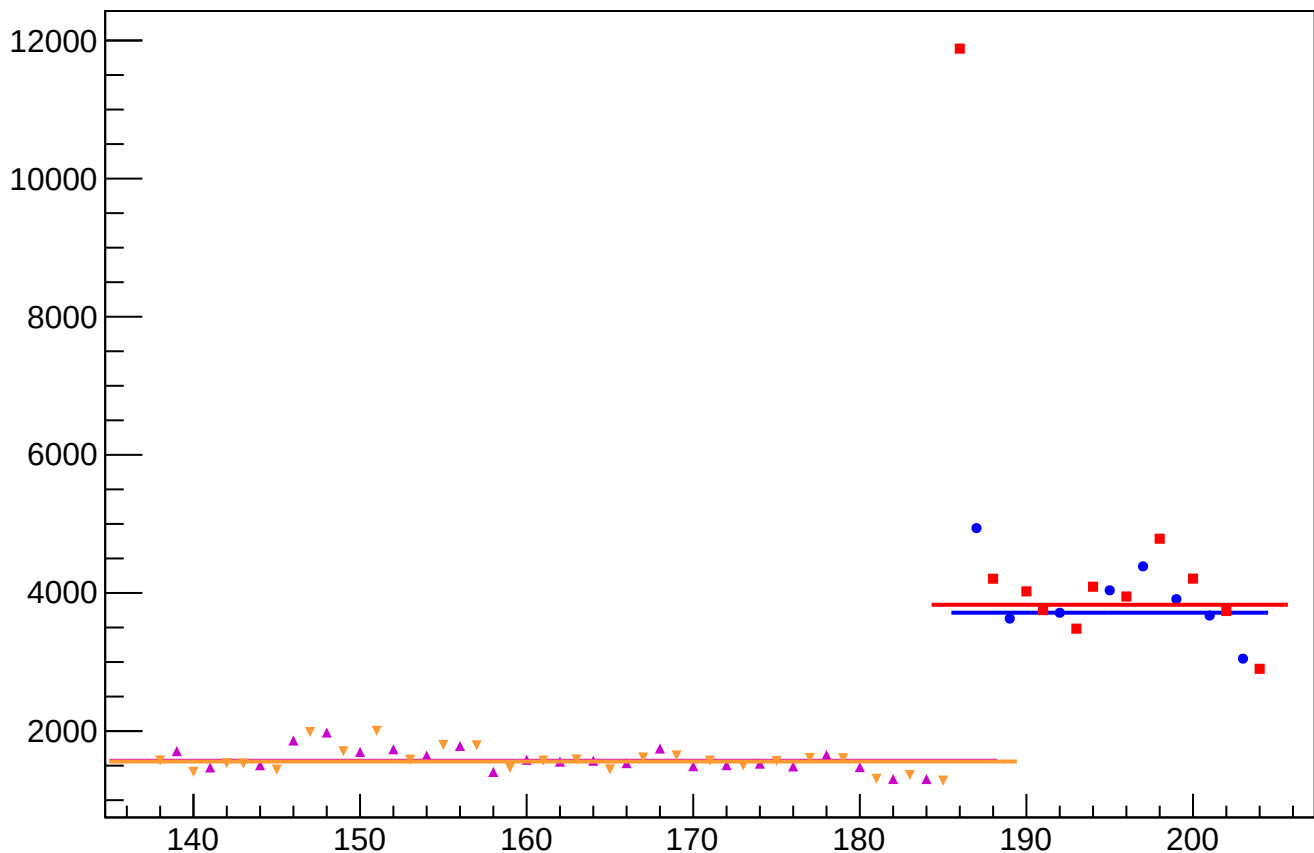
Left In: 261.815 ± 376.203 χ^2/NDF : 35.4/22

+ sign -746.900 ± 358.311 χ^2/NDF : 46.4/32

All: -315.080 ± 255.330 χ^2/NDF : 97.8/66

- sign 130.408 ± 363.937 χ^2/NDF : 48.4/33

asym_sam_26_dd_correction_rms vs Slug



Right In: 3714.479+/-1.174 χ^2/NDF : 146751.4/7

Left Out: 1559.504+/-0.259 χ^2/NDF : 379160.1/24

Right Out: 3829.030+/-1.016 χ^2/NDF : 620648.8/10

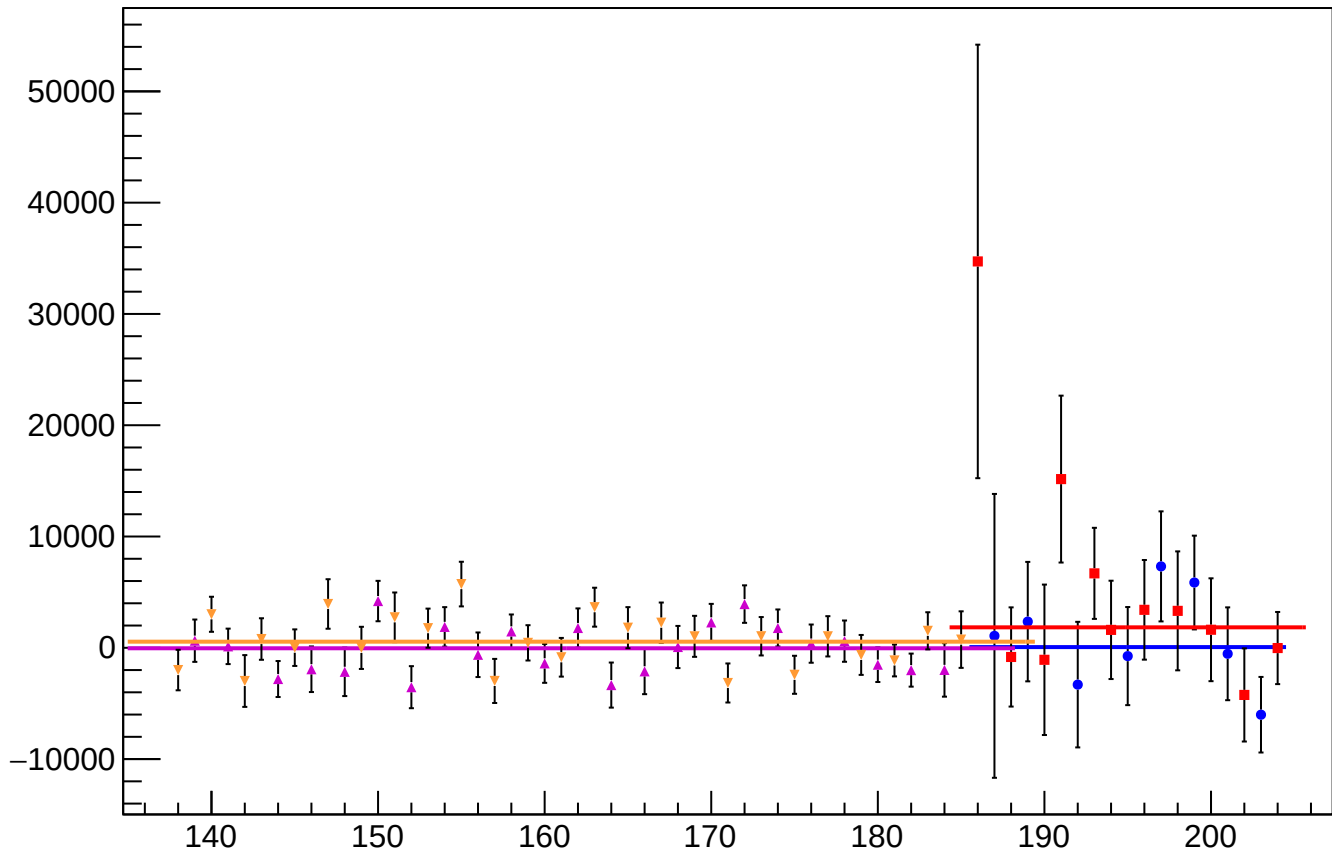
Left In: 1570.331+/-0.266 χ^2/NDF : 329434.5/22

+ sign 1659.949+/-0.253 χ^2/NDF : 3740665.6/32

All: 1687.151+/-0.181 χ^2/NDF : 9338689.3/66

- sign 1715.215+/-0.257 χ^2/NDF : 5574603.8/33

asym_sam_26_dd_mean vs Slug



Right In: 63.158 ± 1654.744 χ^2/NDF : 7.9/7

Left Out: 550.093 ± 362.172 χ^2/NDF : 35.6/24

Right Out: 1838.194 ± 1432.054 χ^2/NDF : 10.6/10

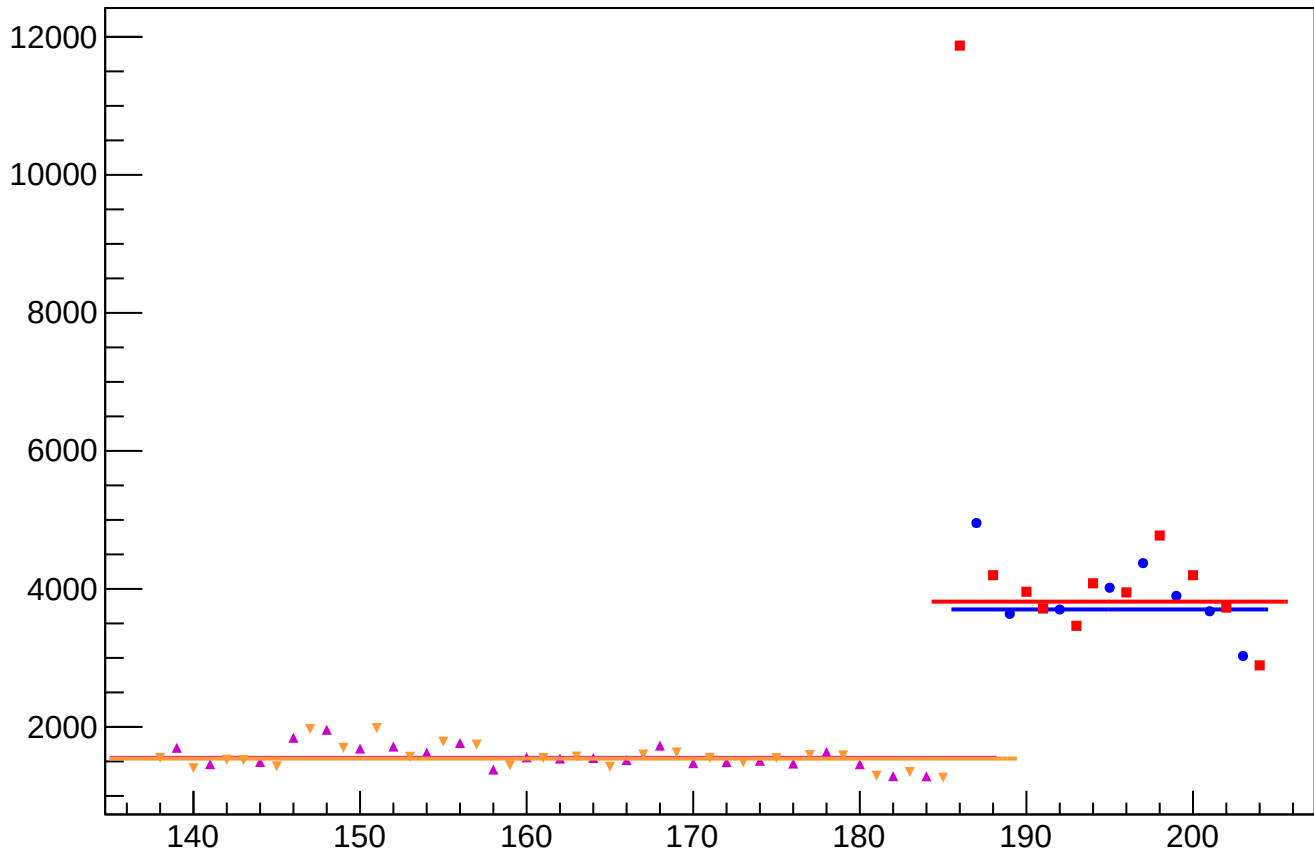
Left In: -43.949 ± 371.765 χ^2/NDF : 33.5/22

+ sign 527.834 ± 353.797 χ^2/NDF : 43.5/32

All: 305.194 ± 252.281 χ^2/NDF : 90.0/66

- sign 74.887 ± 359.838 χ^2/NDF : 45.7/33

asym_sam_26_dd_rms vs Slug



Right In: 3702.799 ± 1.170 χ^2/NDF : 149893.5/7

Left Out: 1541.149 ± 0.256 χ^2/NDF : 382077.8/24

Right Out: 3815.425 ± 1.013 χ^2/NDF : 623115.1/10

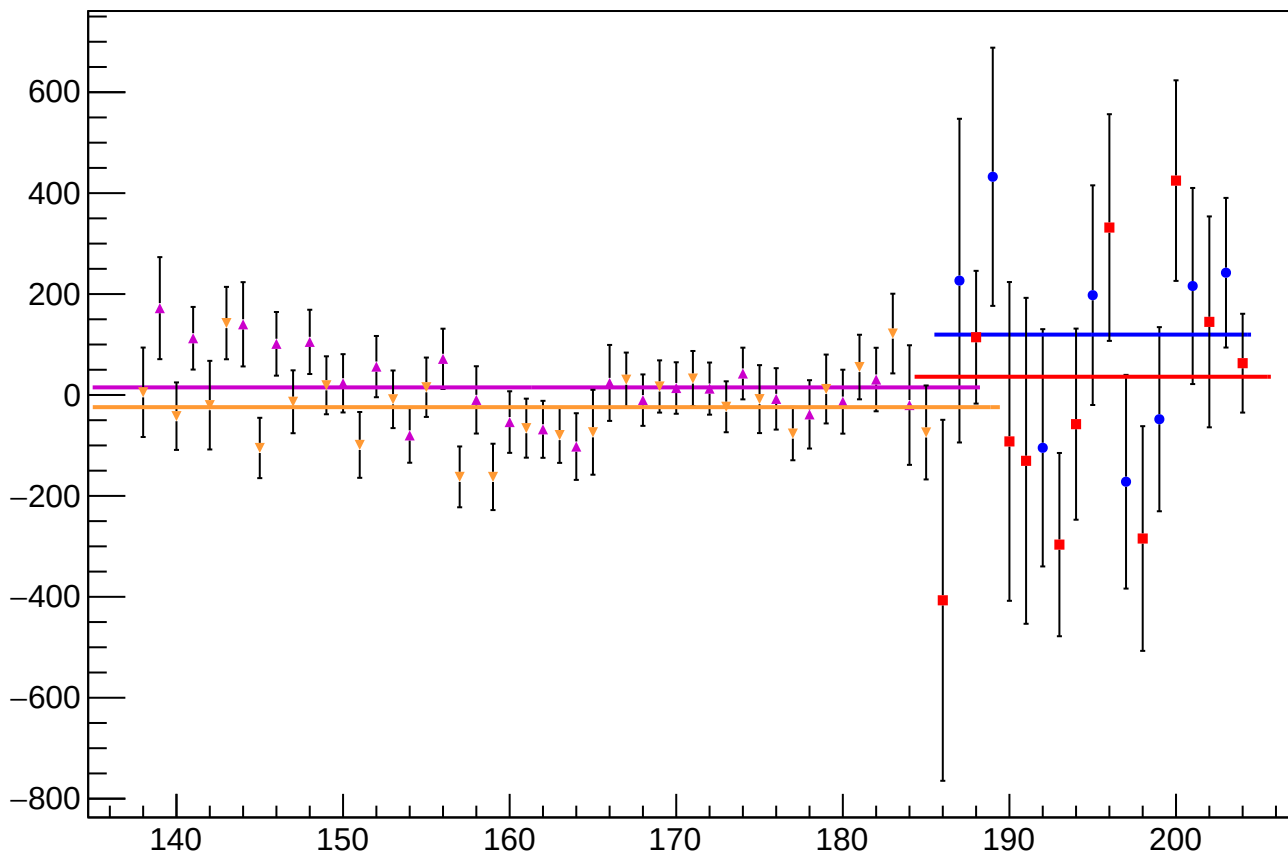
Left In: 1551.481 ± 0.263 χ^2/NDF : 339002.9/22

+ sign 1639.966 ± 0.250 χ^2/NDF : 3788972.6/32

All: 1666.733 ± 0.178 χ^2/NDF : 9457310.7/60

- sign 1694.423 ± 0.254 χ^2/NDF : 5645047.2/33

dit_asym_sam_37_dd_mean vs Slug



Right In: 119.655 ± 72.834 χ^2/NDF : 6.3/7

Left Out: -24.126 ± 12.525 χ^2/NDF : 30.7/24

Right Out: 36.143 ± 54.558 χ^2/NDF : 13.9/10

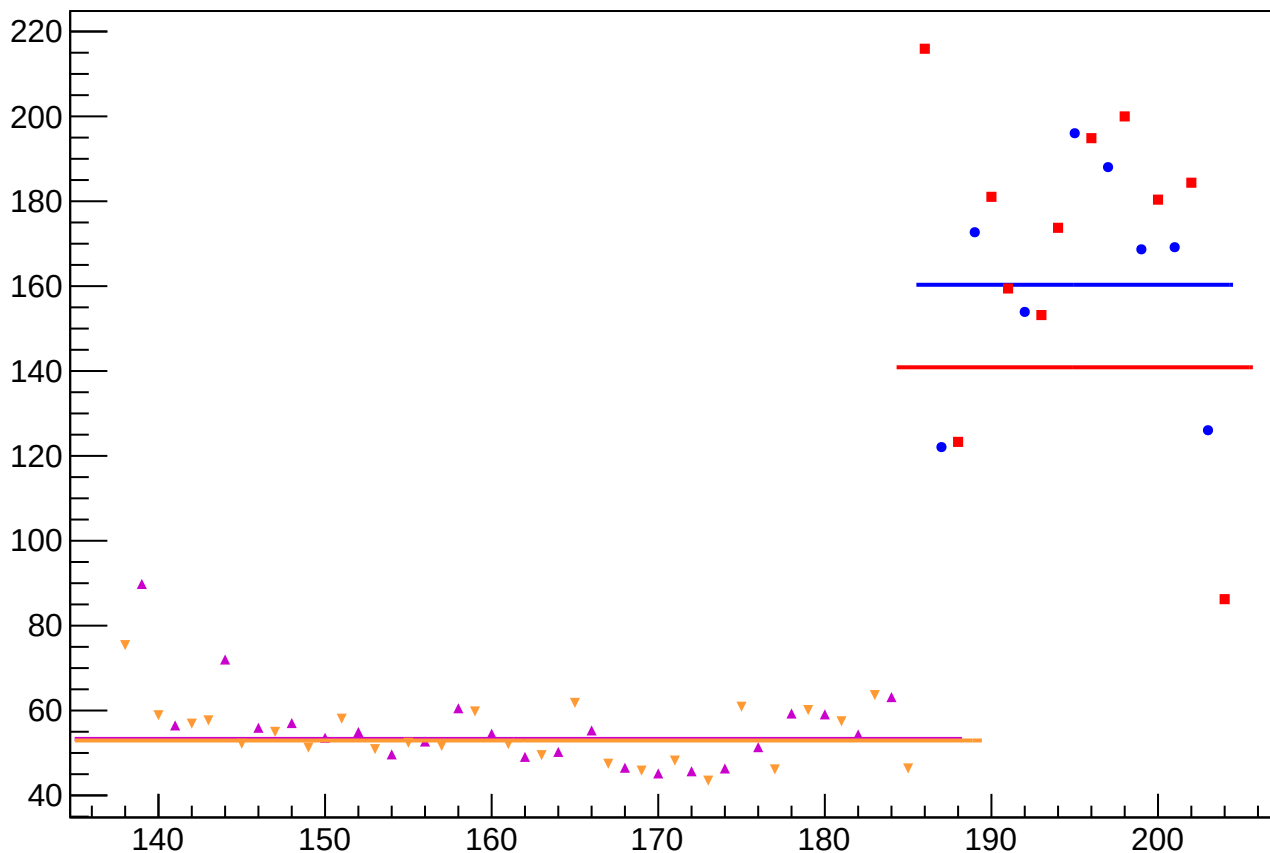
Left In: 15.058 ± 12.921 χ^2/NDF : 23.8/22

+ sign -19.996 ± 12.344 χ^2/NDF : 40.8/32

All: -2.243 ± 8.808 χ^2/NDF : 82.9/66

- sign 16.178 ± 12.573 χ^2/NDF : 37.9/33

dit_asym_sam_37_dd_rms vs Slug



Right In: 160.321 ± 0.052 χ^2/NDF : 237941.1/7

Left Out: 52.942 ± 0.009 χ^2/NDF : 513146.0/24

Right Out: 140.878 ± 0.039 χ^2/NDF : 1277102.7/10

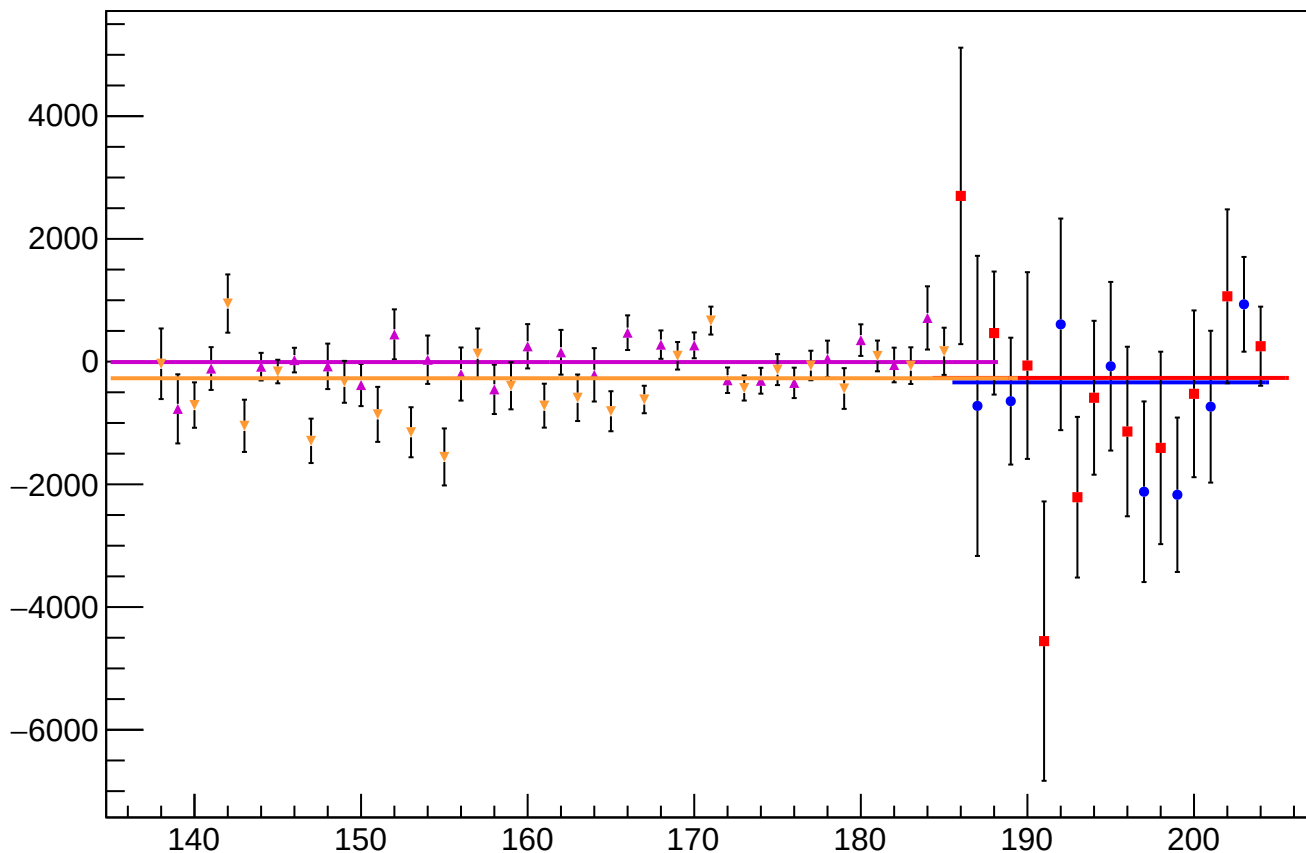
Left In: 53.312 ± 0.009 χ^2/NDF : 644220.1/22

+ sign 56.026 ± 0.009 χ^2/NDF : 4973317.3/32

All: 56.977 ± 0.006 χ^2/NDF : 11797245.0/66

- sign 57.963 ± 0.009 χ^2/NDF : 6799768.2/33

asym_sam_37_dd_correction_mean vs Slug



Right In: -337.966 ± 430.643 χ^2/NDF : 6.9/7

Left Out: -271.240 ± 60.285 χ^2/NDF : 67.7/24

Right Out: -265.843 ± 367.929 χ^2/NDF : 10.4/10

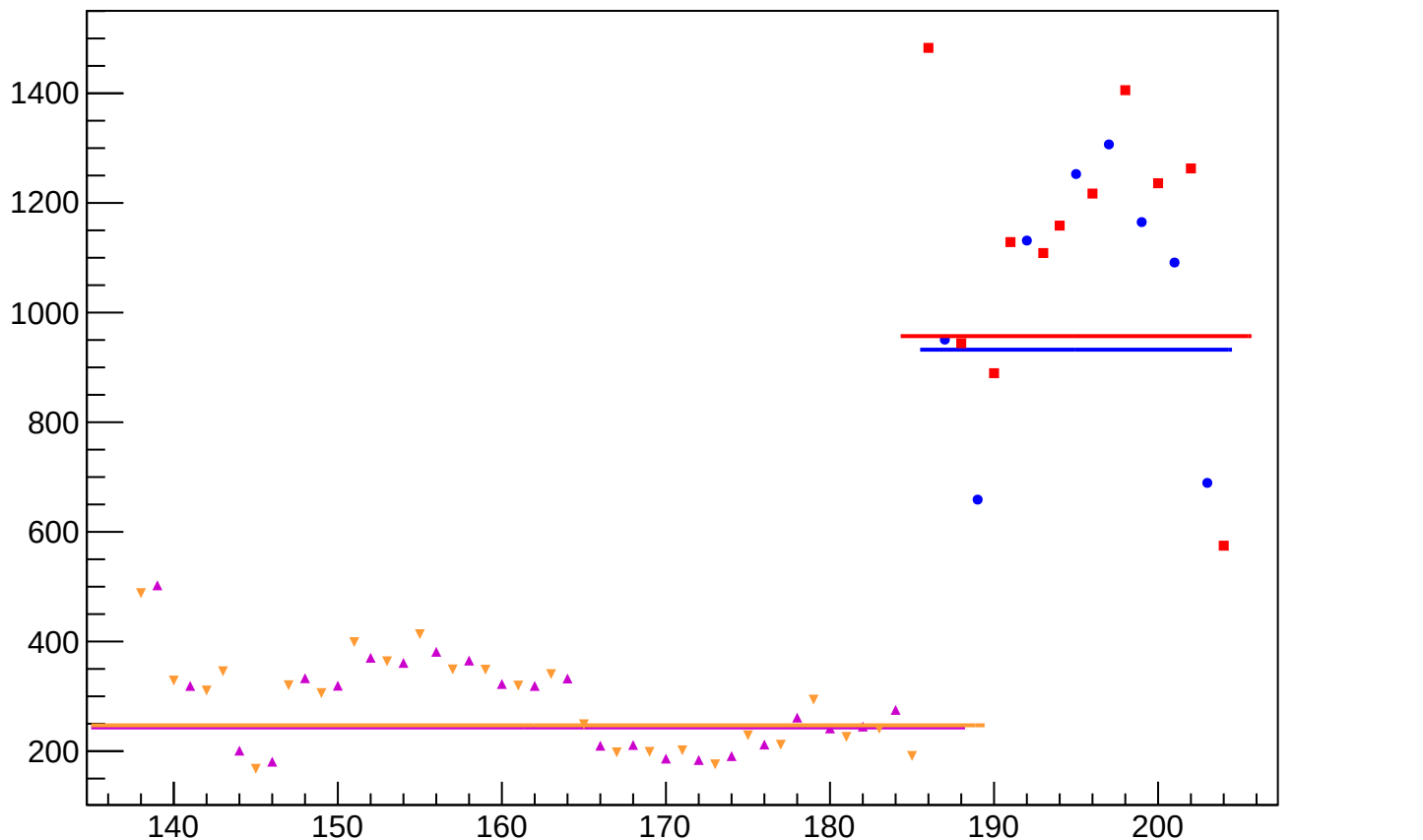
Left In: -7.535 ± 60.328 χ^2/NDF : 22.9/22

+ sign -272.523 ± 59.703 χ^2/NDF : 74.5/32

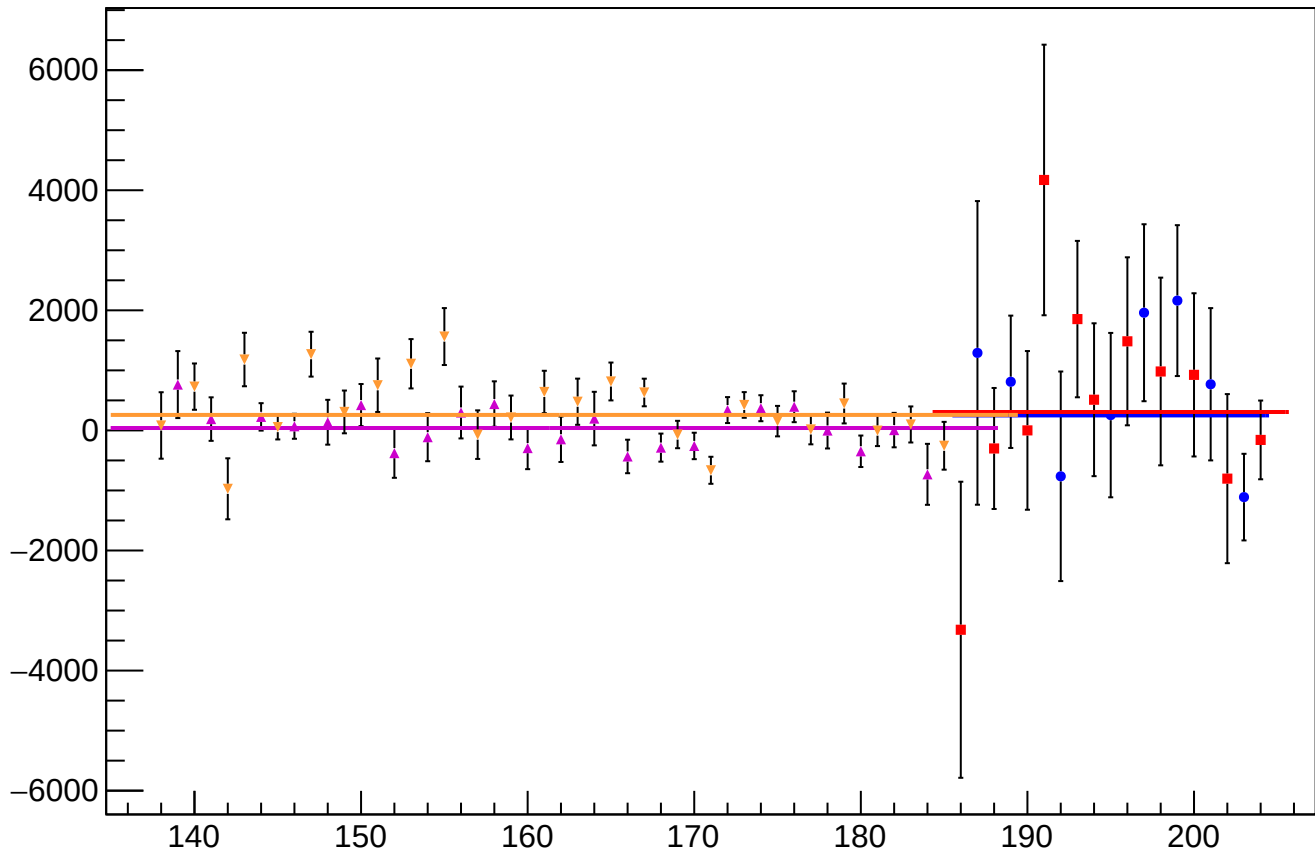
All: -143.042 ± 42.156 χ^2/NDF : 117.6/66

- sign -14.297 ± 59.533 χ^2/NDF : 33.7/33

asym_sam_37_dd_correction_rms vs Slug



asym_sam_37_dd_mean vs Slug



Right In: 249.725 $\pm$ 427.201 χ^2/NDF : 8.2/7

Left Out: 258.044 $\pm$ 61.488 χ^2/NDF : 65.0/24

Right Out: 306.722 $\pm$ 367.182 χ^2/NDF : 9.2/10

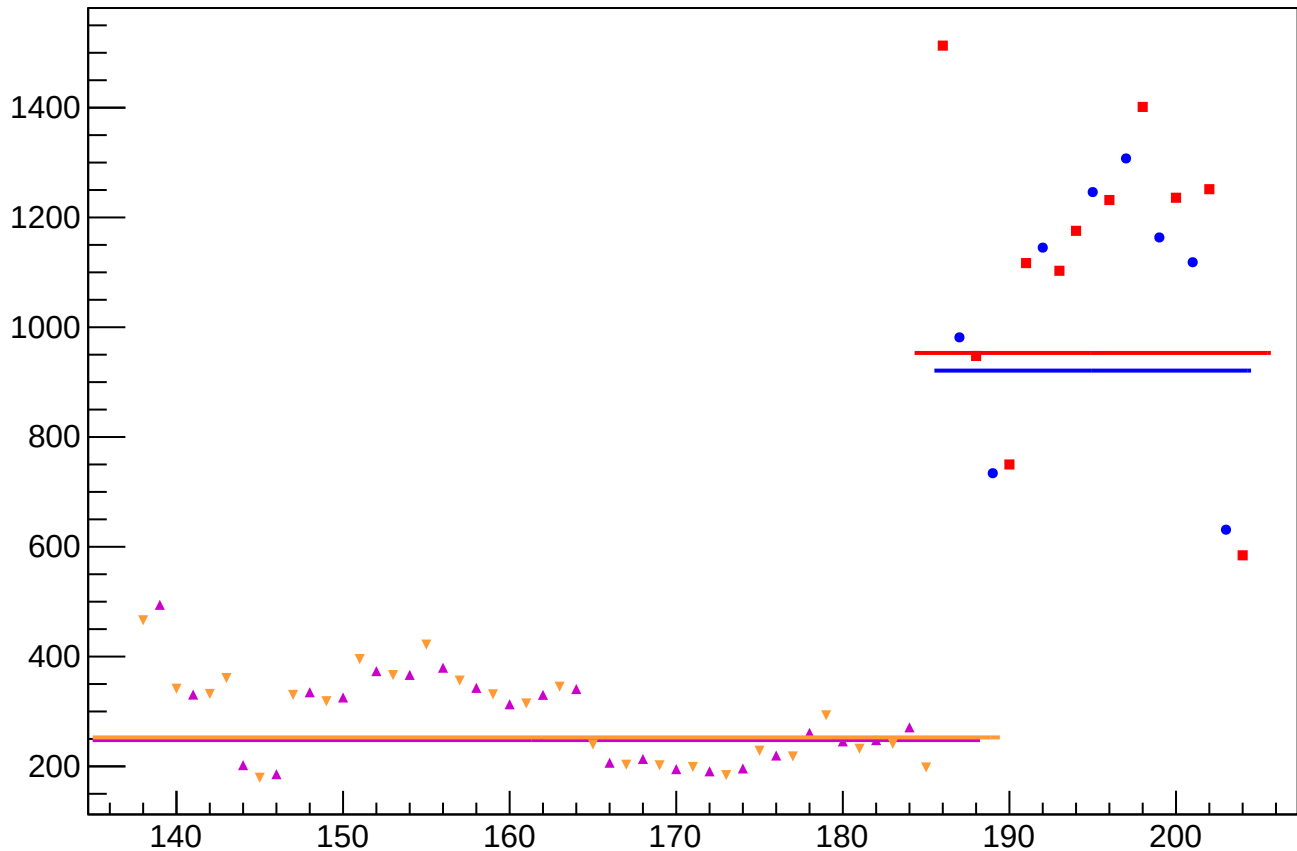
Left In: 40.015 $\pm$ 61.495 χ^2/NDF : 25.0/22

+ sign 257.875 $\pm$ 60.860 χ^2/NDF : 73.1/32

All: 152.220 $\pm$ 42.960 χ^2/NDF : 113.9/66

- sign 47.292 $\pm$ 60.651 χ^2/NDF : 34.7/33

asym_sam_37_dd_rms vs Slug



Right In: 920.998+/-0.302 χ^2/NDF : 788079.7/7

Left Out: 252.721+/-0.043 χ^2/NDF : 2648800.3/24

Right Out: 953.167+/-0.260 χ^2/NDF : 1300945.2/10

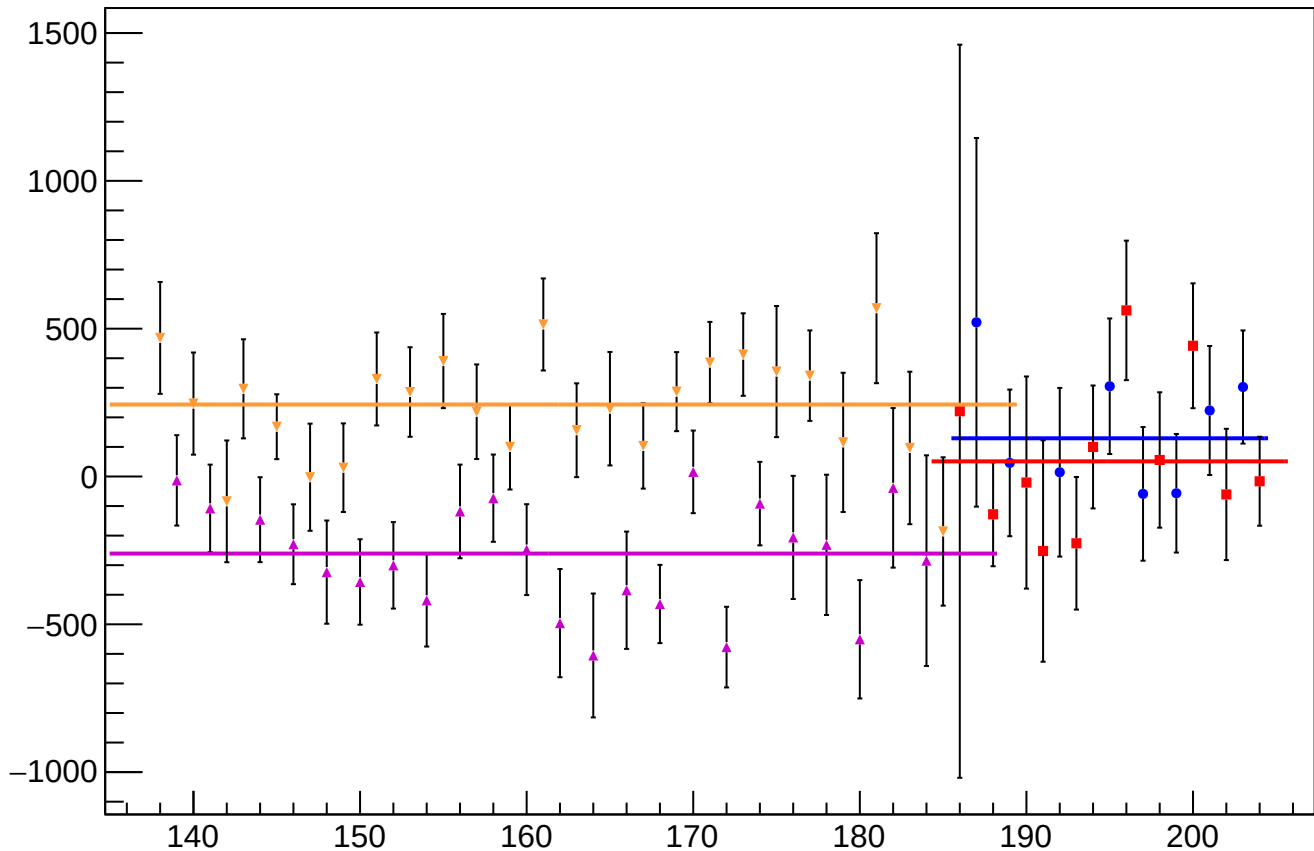
Left In: 247.919+/-0.043 χ^2/NDF : 2374698.8/22

+ sign 266.284+/-0.043 χ^2/NDF : 8231726.2/32

All: 266.724+/-0.030 χ^2/NDF : 19084513.5/60

- sign 267.161+/-0.043 χ^2/NDF : 10852579.1/33

dit_asym_sam_48_dd_mean vs Slug



Right In: 129.200 $\pm$ 83.656 χ^2 /NDF: 3.8/7

Left Out: 243.442 $\pm$ 32.738 χ^2 /NDF:23.4/24

Right Out: 51.187 $\pm$ 68.224 χ^2 /NDF: 11.9/10

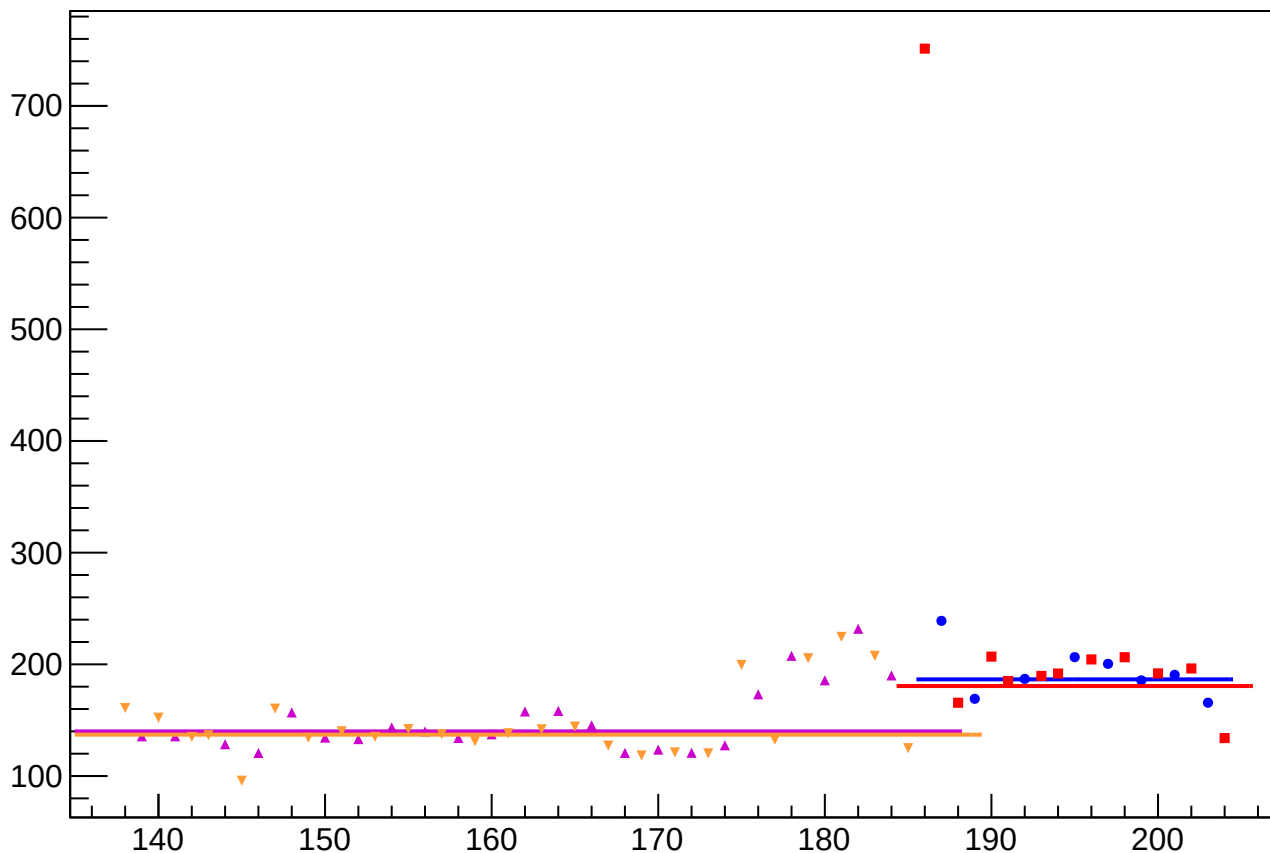
Left In: -260.749 $\pm$ 33.988 χ^2 /NDF:28.5/22

+ sign 228.270 $\pm$ 30.487 χ^2 /NDF: 28.8/32

All: 14.316 $\pm$ 21.535 χ^2 /NDF: 184.3/66

- sign -198.725 $\pm$ 30.422 χ^2 /NDF: 57.1/33

dit_asym_sam_48_dd_rms vs Slug



Right In: 186.555 $\pm$ 0.059 χ^2 /NDF: 71193.6/7

Left Out: 137.036 $\pm$ 0.023 χ^2 /NDF:1200381.2/24

Right Out: 180.563 $\pm$ 0.048 χ^2 /NDF: 711620.0/10

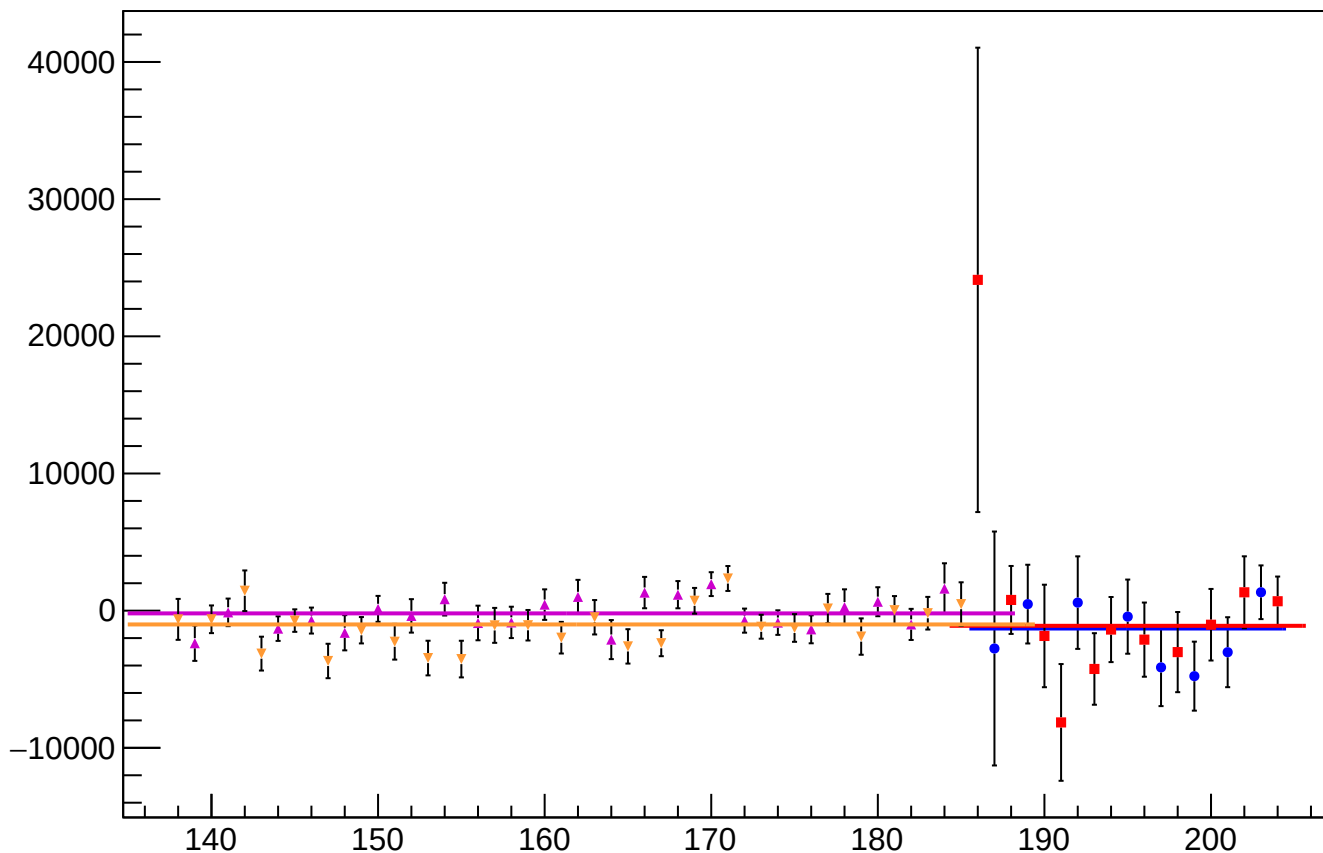
Left In: 139.966 $\pm$ 0.024 χ^2 /NDF:838127.9/22

+ sign 143.612 $\pm$ 0.022 χ^2 /NDF: 1879294.5/32

All: 145.830 $\pm$ 0.015 χ^2 /NDF: 4017522.4/66

- sign 148.038 $\pm$ 0.022 χ^2 /NDF: 2117109.8/33

asym_sam_48_dd_correction_mean vs Slug



Right In: -1301.097 ± 972.182 $\chi^2/\text{NDF}: 6.0/7$

Left Out: -1004.364 ± 222.387 $\chi^2/\text{NDF}: 44.7/24$

Right Out: -1104.501 ± 824.005 $\chi^2/\text{NDF}: 9.5/10$

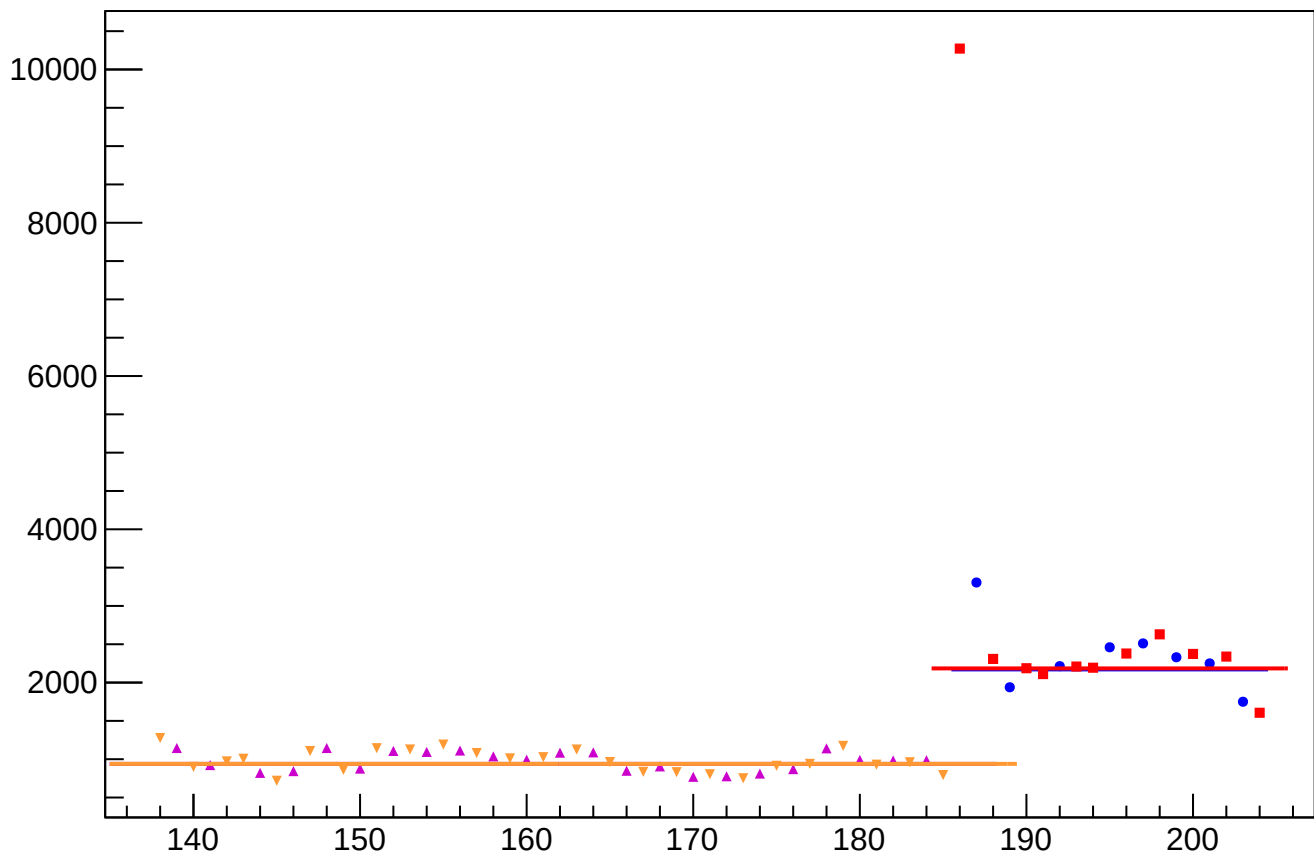
Left In: -198.654 ± 225.997 $\chi^2/\text{NDF}: 24.6/22$

+ sign -1019.119 ± 216.788 $\chi^2/\text{NDF}: 50.8/32$

All: -642.595 ± 153.701 $\chi^2/\text{NDF}: 92.1/66$

- sign -262.027 ± 217.949 $\chi^2/\text{NDF}: 35.2/33$

asym_sam_48_dd_correction_rms vs Slug



Right In: 2171.771 $\pm$ 0.687 χ^2 /NDF: 203243.9/7

Left Out: 938.988 $\pm$ 0.157 χ^2 /NDF: 828400.0/24

Right Out: 2184.713 $\pm$ 0.583 χ^2 /NDF: 743007.1/10

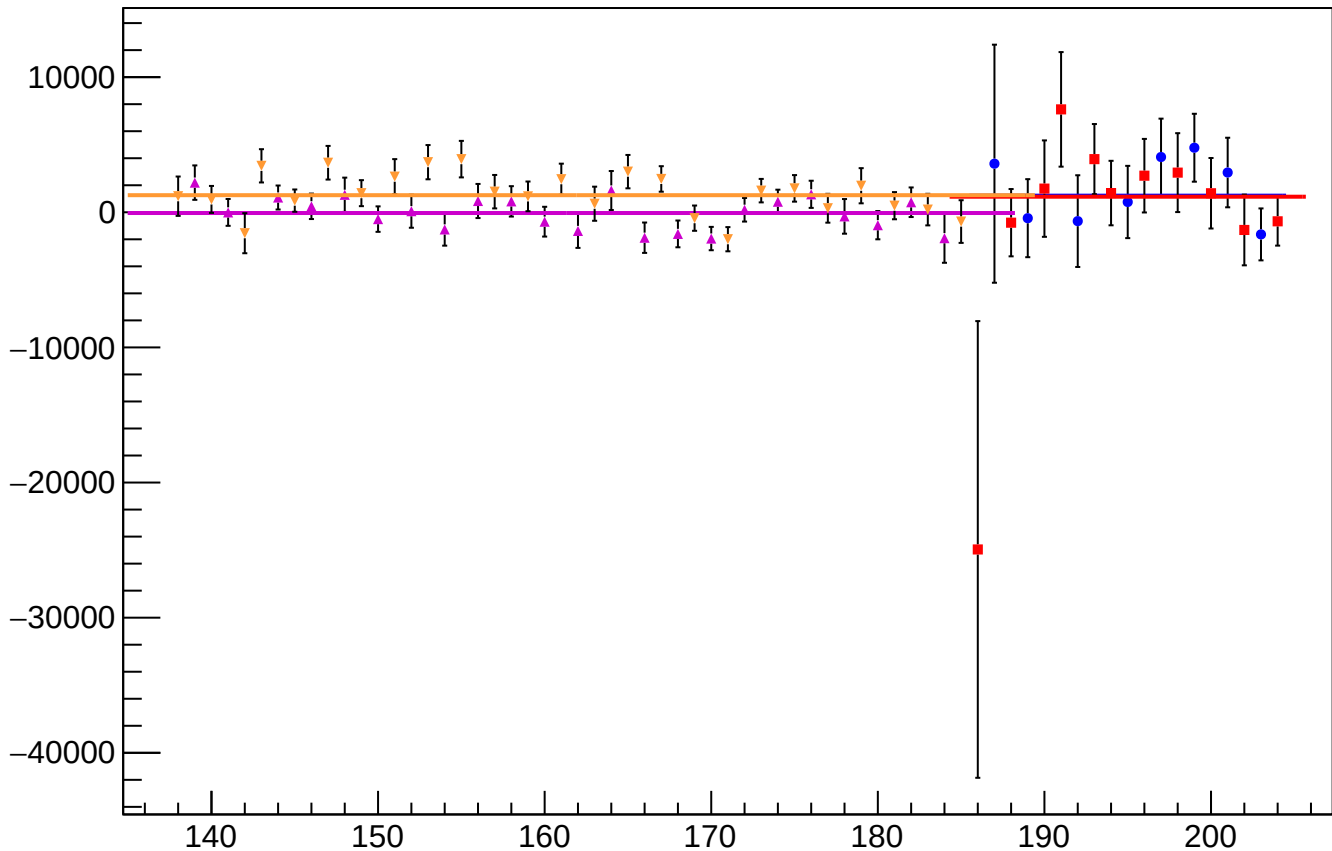
Left In: 938.755 $\pm$ 0.160 χ^2 /NDF: 611419.0/22

+ sign 1000.288 $\pm$ 0.153 χ^2 /NDF: 4087669.2/32

All: 1013.037 $\pm$ 0.109 χ^2 /NDF: 9708839.7/60

- sign 1025.922 $\pm$ 0.154 χ^2 /NDF: 5607263.7/33

asym_sam_48_dd_mean vs Slug



Right In: 1230.242 $\pm$ 969.689 χ^2 /NDF: 6.4/7

Left Out: 1264.940 $\pm$ 220.626 χ^2 /NDF:45.5/24

Right Out: 1152.600 $\pm$ 822.810 χ^2 /NDF: 9.1/10

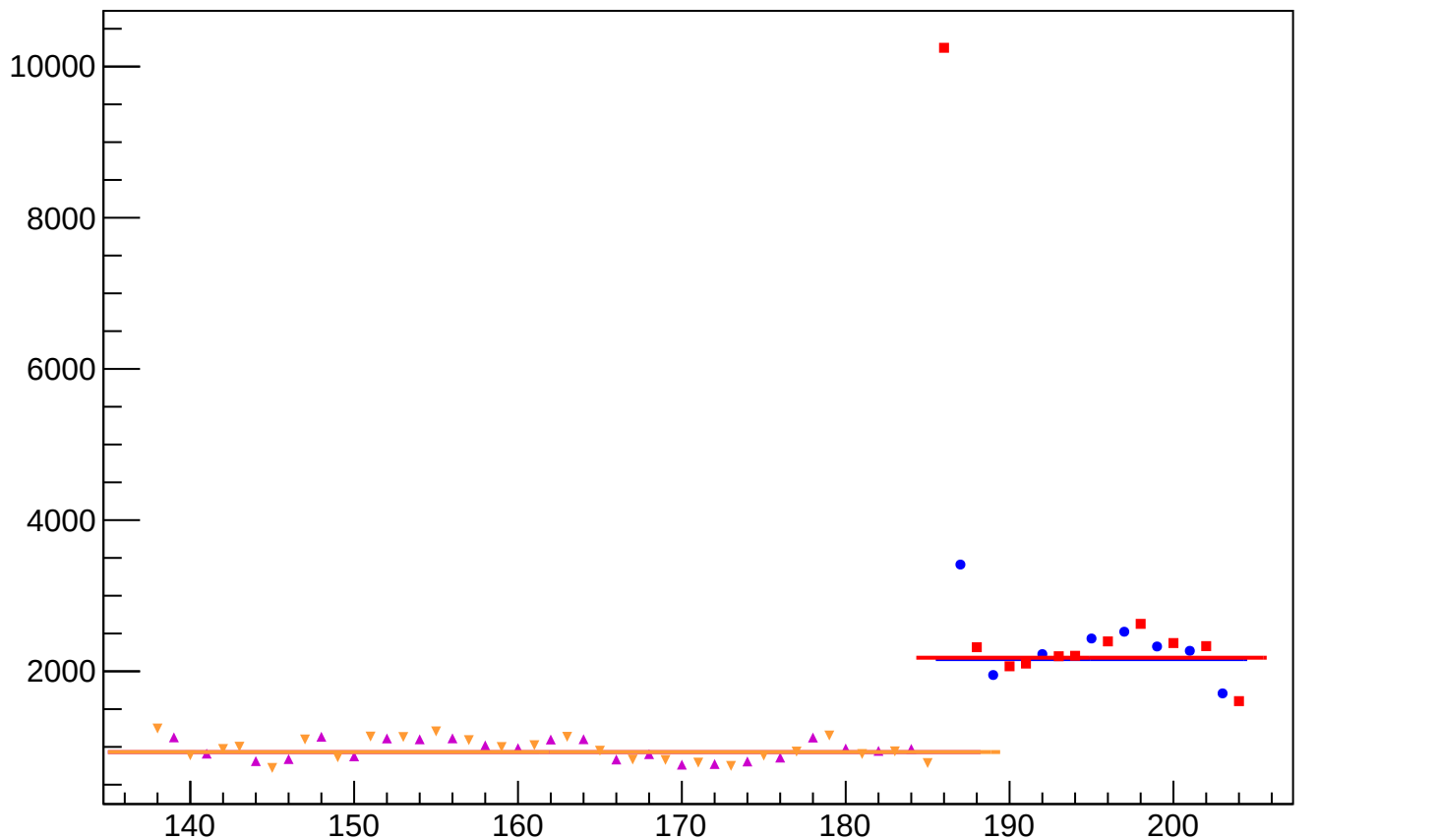
Left In: -53.940 $\pm$ 224.371 χ^2 /NDF:26.4/22

+ sign 1263.232 $\pm$ 215.128 χ^2 /NDF: 52.0/32

All: 650.228 $\pm$ 152.590 χ^2 /NDF: 105.8/66

- sign 29.568 $\pm$ 216.467 χ^2 /NDF: 37.5/33

asym_sam_48_dd_rms vs Slug



Right In: 2161.298+/-0.686 χ^2/NDF : 228867.2/7

Left Out: 932.170+/-0.156 χ^2/NDF : 828733.8/24

Right Out: 2179.765+/-0.582 χ^2/NDF : 746664.2/10

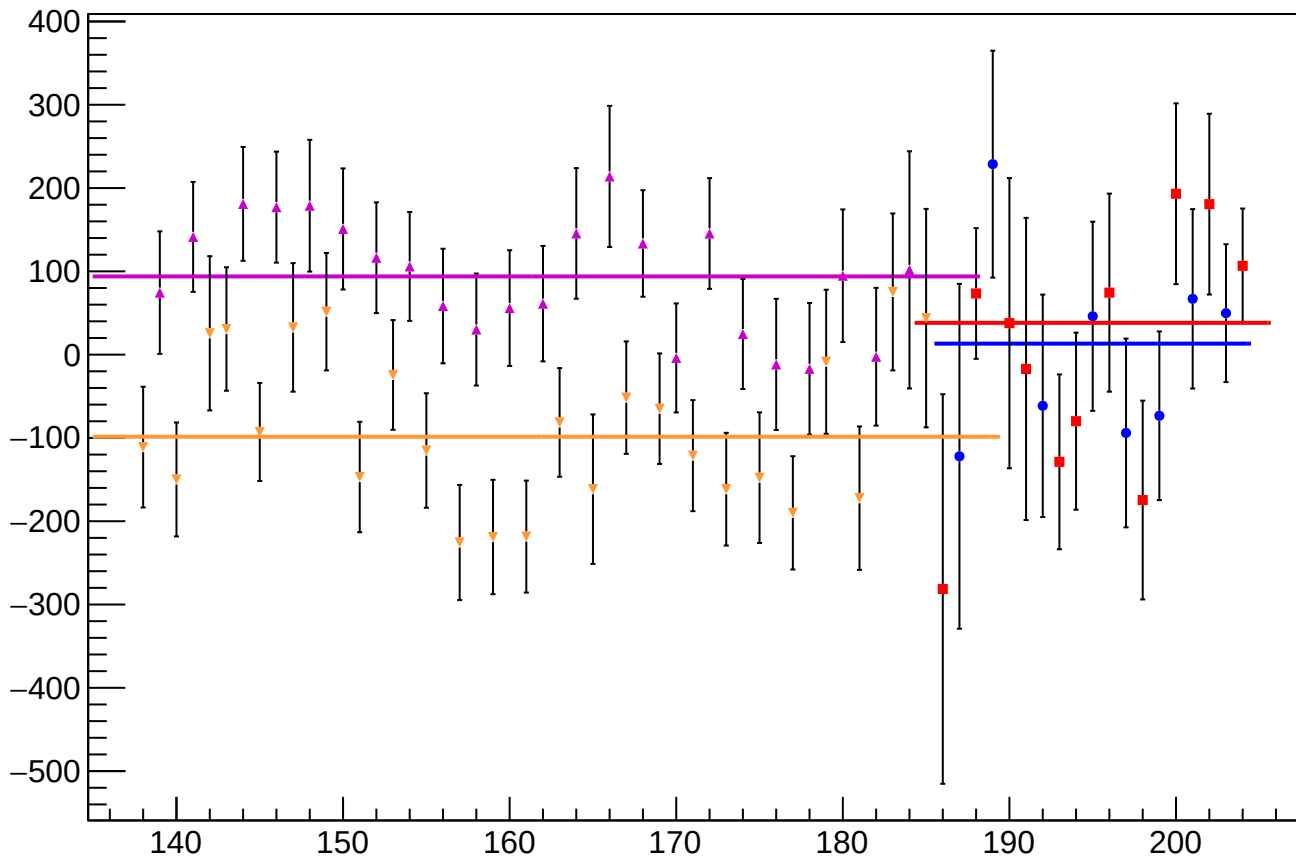
Left In: 930.854+/-0.159 χ^2/NDF : 621985.5/22

+ sign 992.666+/-0.152 χ^2/NDF : 4112802.5/32

All: 1004.904+/-0.108 χ^2/NDF : 9783355.0/60

- sign 1017.294+/-0.153 χ^2/NDF : 5657527.8/33

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 13.234 $\pm$ 40.211 χ^2/NDF : 5.4/7

Left Out: -98.557 $\pm$ 14.525 χ^2/NDF : 35.2/24

Right Out: 38.167 $\pm$ 32.515 χ^2/NDF : 14.0/10

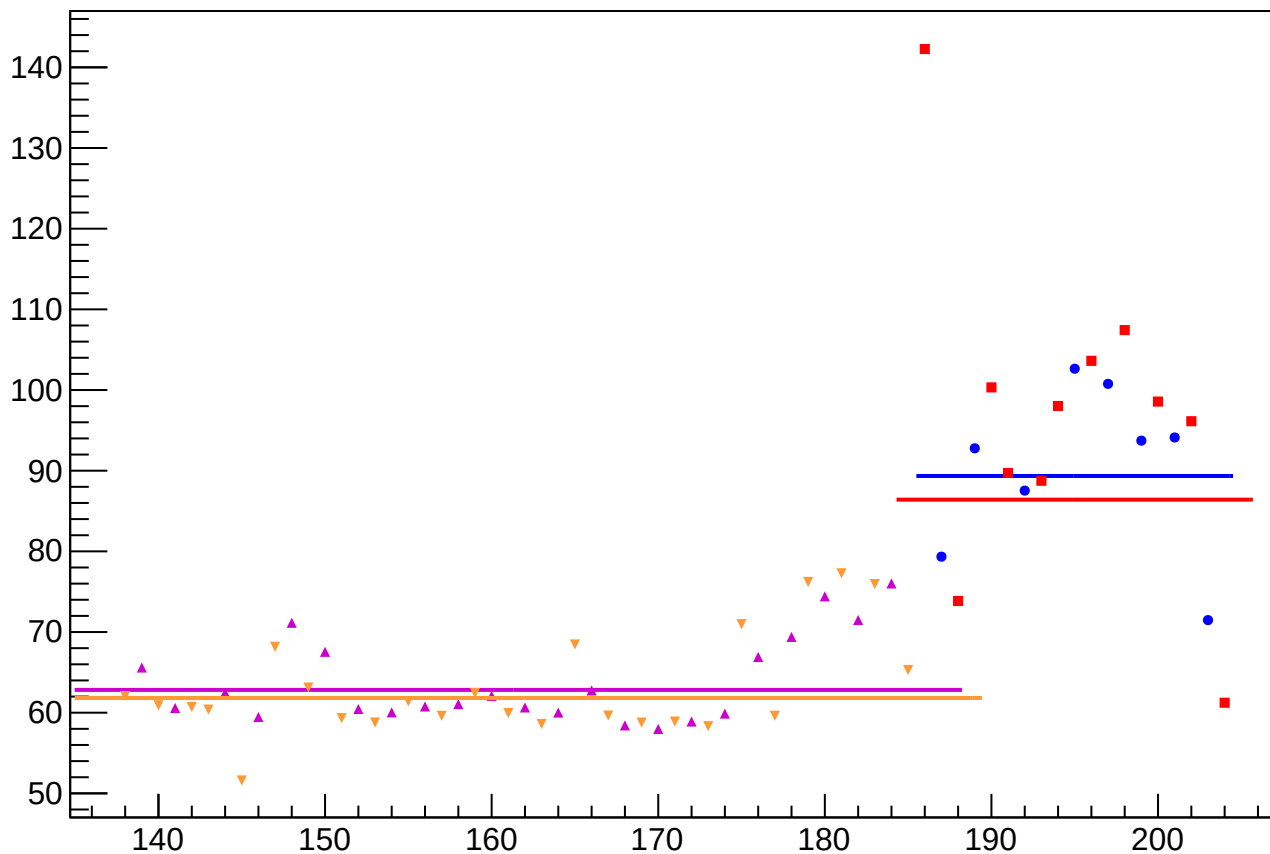
Left In: 93.899 $\pm$ 15.039 χ^2/NDF : 19.3/22

+ sign -85.654 $\pm$ 13.661 χ^2/NDF : 47.5/32

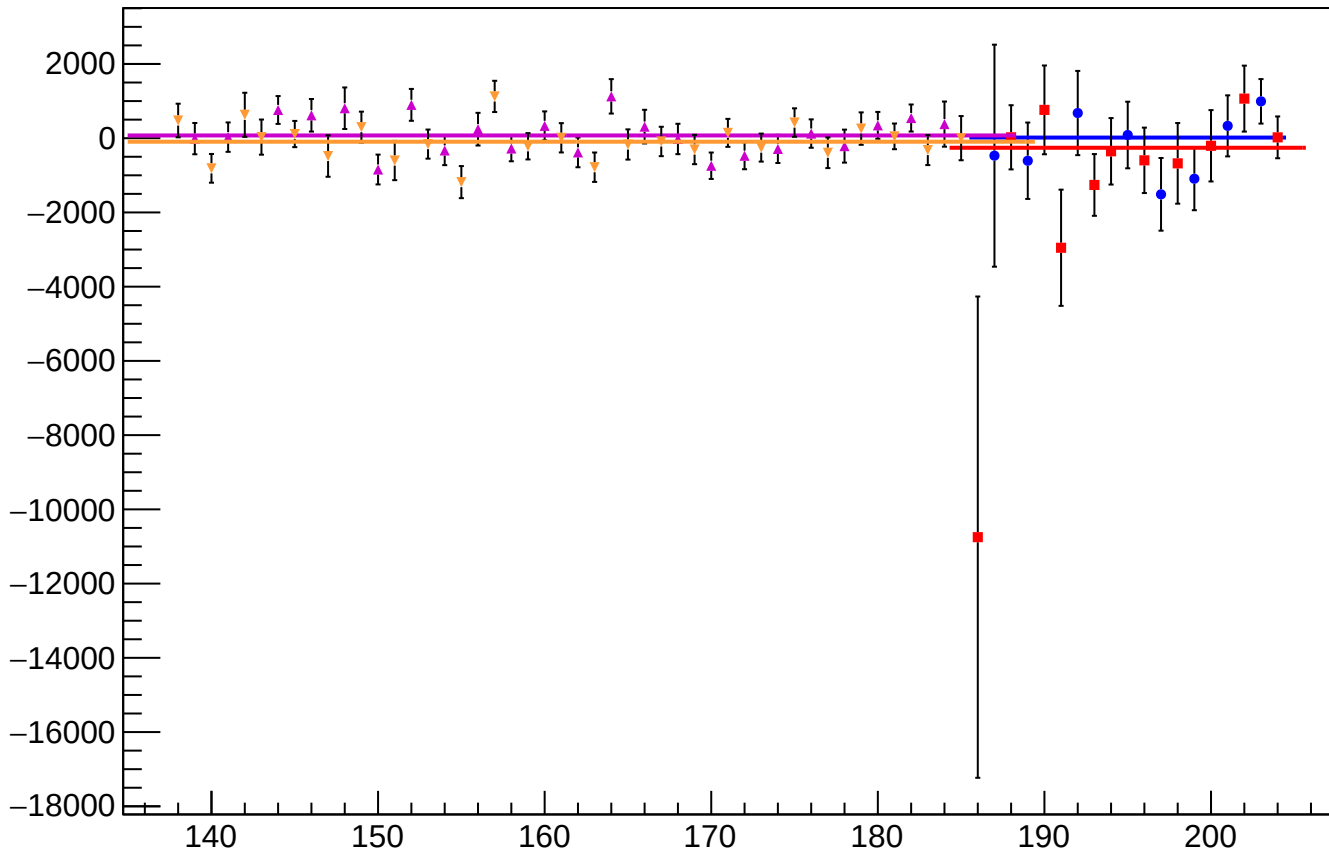
All: -0.718 $\pm$ 9.656 χ^2/NDF : 160.4/66

- sign 84.078 $\pm$ 13.650 χ^2/NDF : 35.6/33

dit_asym_sam_13_57_dd_rms vs Slug



asym_sam_13_57_dd_correction_mean vs Slug



Right In: 16.931 ± 319.931 χ^2/NDF : 7.7/7

Left Out: -94.907 ± 82.850 χ^2/NDF : 31.6/24

Right Out: -257.674 ± 279.535 χ^2/NDF : 10.6/10

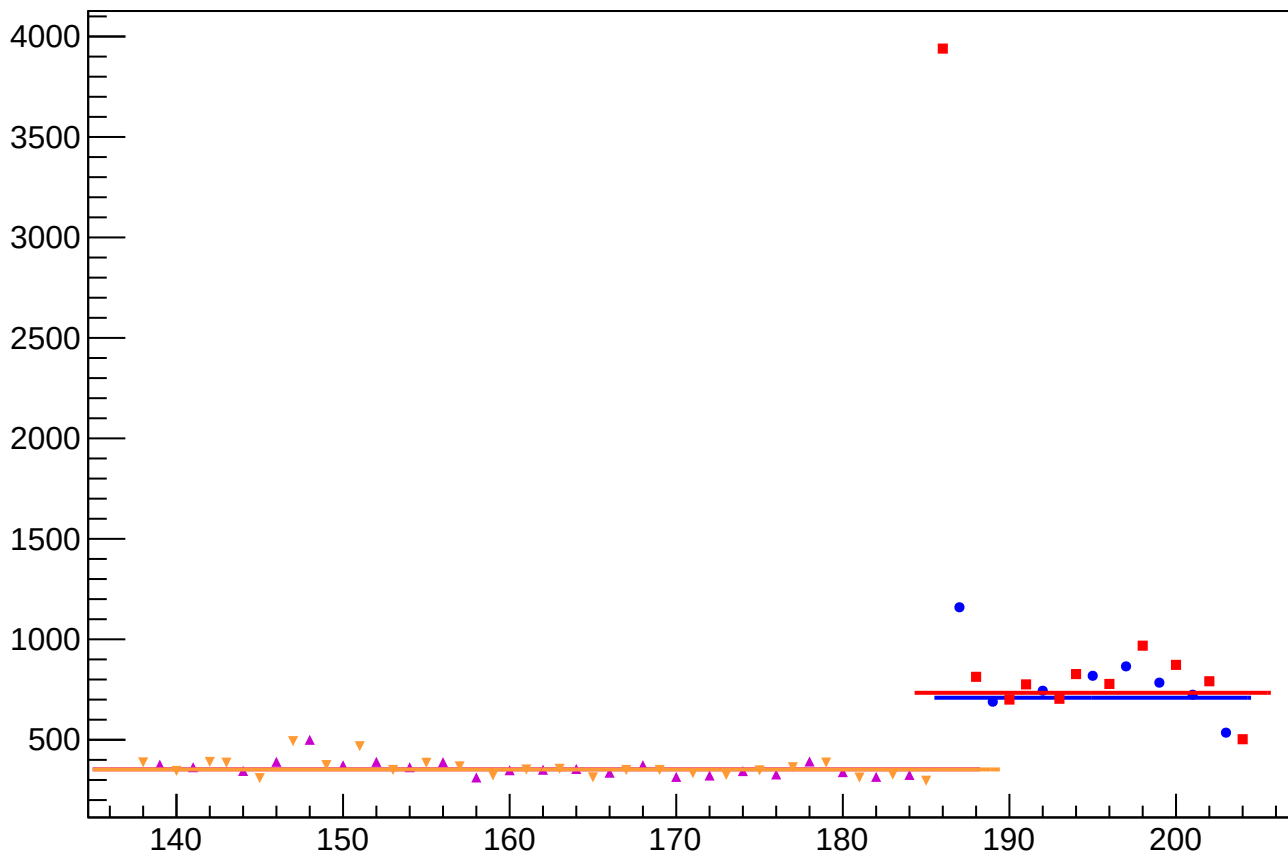
Left In: 73.914 ± 84.652 χ^2/NDF : 36.4/22

+ sign -87.878 ± 80.204 χ^2/NDF : 39.4/32

All: -21.586 ± 56.999 χ^2/NDF : 89.0/66

- sign 46.060 ± 81.019 χ^2/NDF : 48.3/33

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 709.287 $\pm$ 0.226 χ^2 /NDF: 312887.3/7

Left Out: 352.403 $\pm$ 0.059 χ^2 /NDF: 418506.2/24

Right Out: 733.811 $\pm$ 0.198 χ^2 /NDF: 1018379.1/10

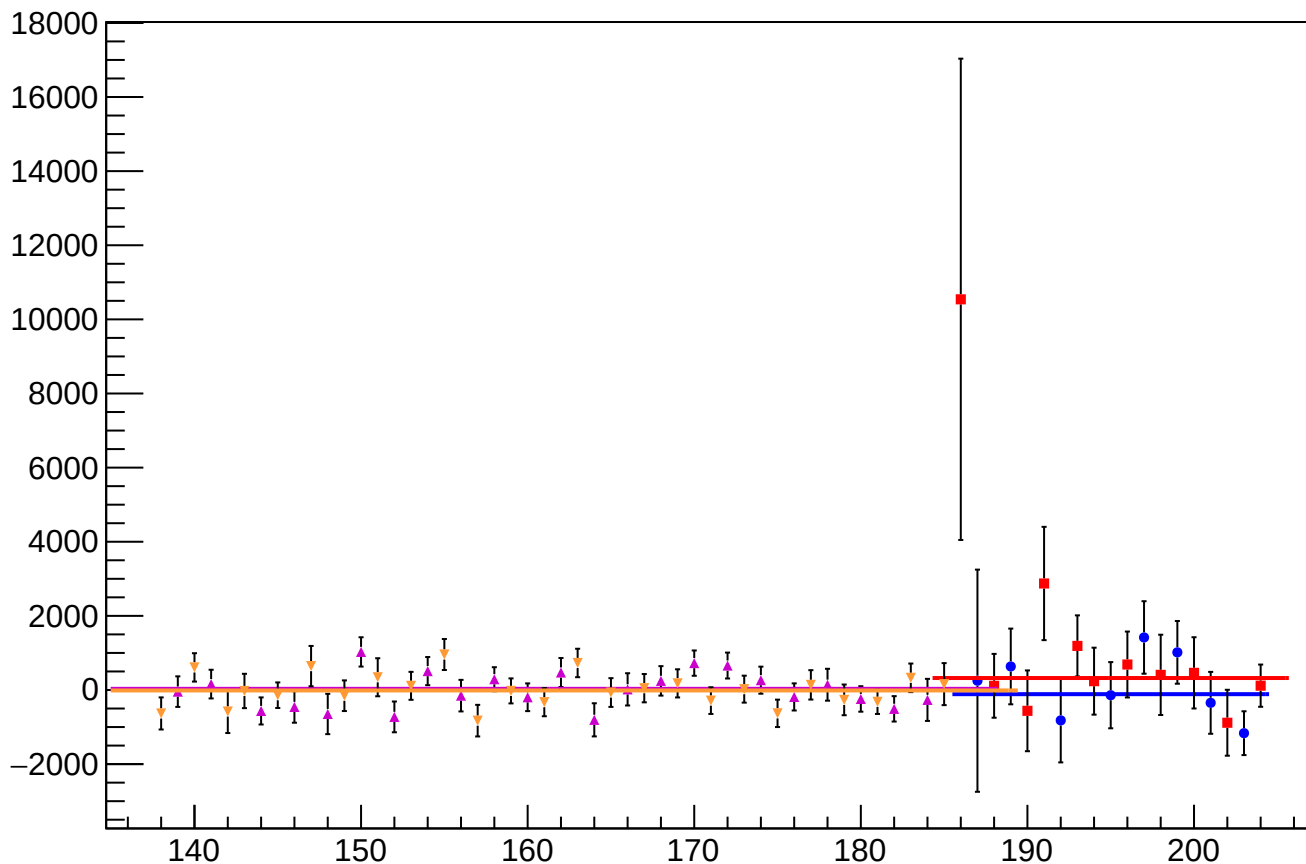
Left In: 353.197 $\pm$ 0.060 χ^2 /NDF: 321761.0/22

+ sign 374.831 $\pm$ 0.057 χ^2 /NDF: 3063685.7/32

All: 379.948 $\pm$ 0.040 χ^2 /NDF: 7816697.2/66

- sign 385.170 $\pm$ 0.057 χ^2 /NDF: 4736563.3/33

asym_sam_13_57_dd_mean vs Slug



Right In: -112.758 ± 318.742 χ^2/NDF : 8.4/7

Left Out: -12.545 ± 79.984 χ^2/NDF : 27.3/24

Right Out: 322.960 ± 278.607 χ^2/NDF : 9.3/10

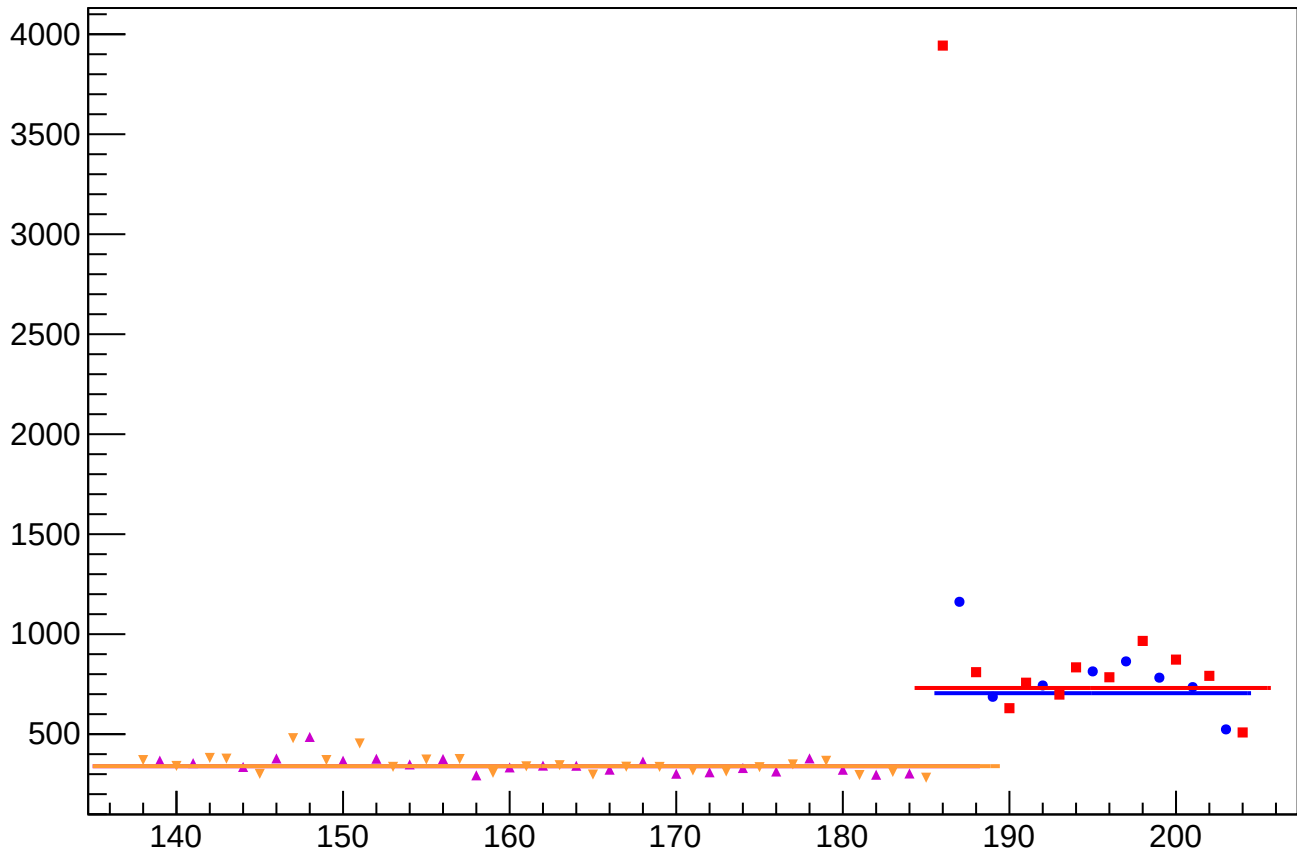
Left In: 31.531 ± 81.476 χ^2/NDF : 34.8/22

+ sign -18.481 ± 77.579 χ^2/NDF : 35.9/32

All: 17.714 ± 55.075 χ^2/NDF : 81.3/66

- sign 54.491 ± 78.201 χ^2/NDF : 45.0/33

asym_sam_13_57_dd_rms vs Slug



Right In: 704.892 $\pm$ 0.225 χ^2 /NDF: 339306.8/7

Left Out: 340.018 $\pm$ 0.057 χ^2 /NDF: 465345.1/24

Right Out: 730.955 $\pm$ 0.197 χ^2 /NDF: 1012764.0/10

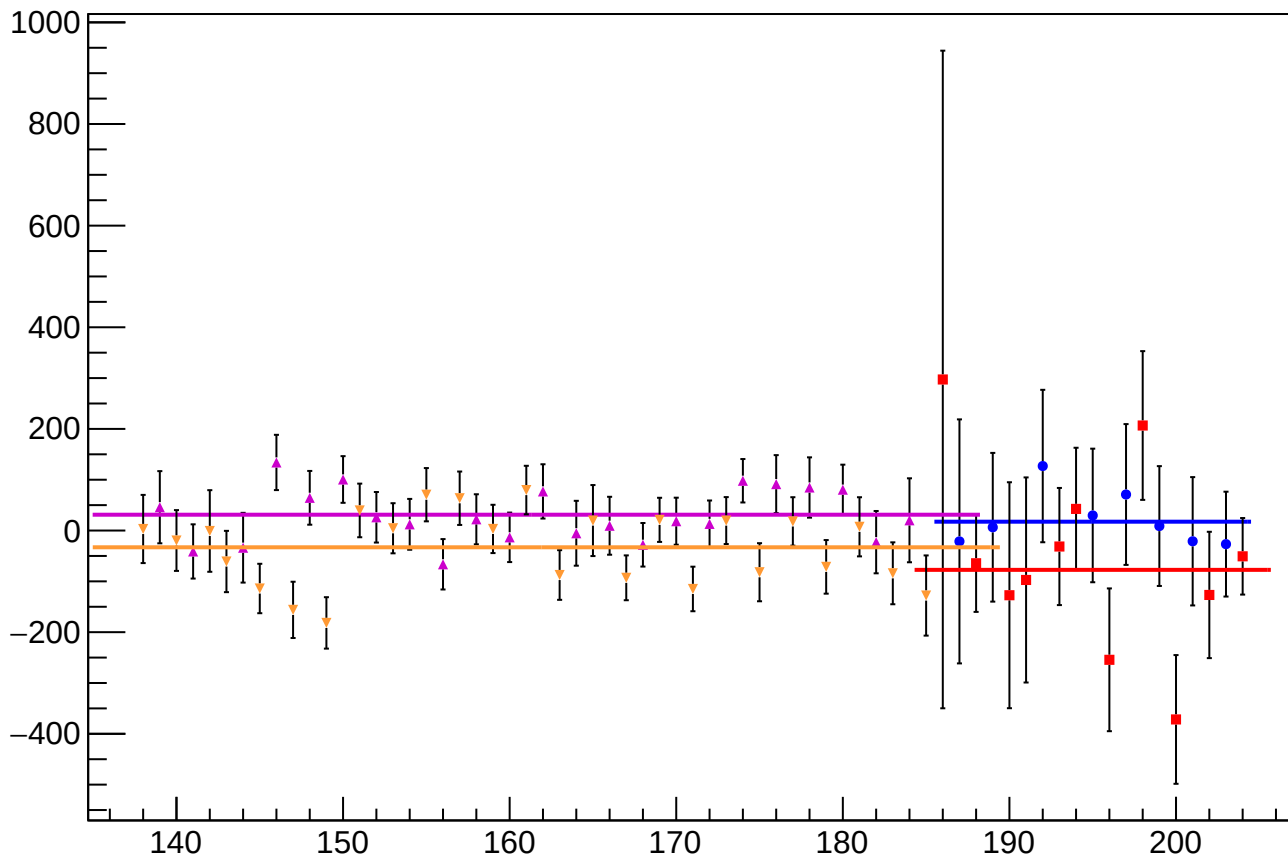
Left In: 339.571 $\pm$ 0.058 χ^2 /NDF: 377816.0/22

+ sign 361.633 $\pm$ 0.055 χ^2 /NDF: 3270223.6/32

All: 365.984 $\pm$ 0.039 χ^2 /NDF: 8309409.2/66

- sign 370.406 $\pm$ 0.055 χ^2 /NDF: 5026501.0/33

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 17.417 ± 47.292 $\chi^2/\text{NDF}: 1.0/7$

Left Out: -32.964 ± 10.578 $\chi^2/\text{NDF}: 48.0/24$

Right Out: -77.372 ± 37.761 $\chi^2/\text{NDF}: 12.6/10$

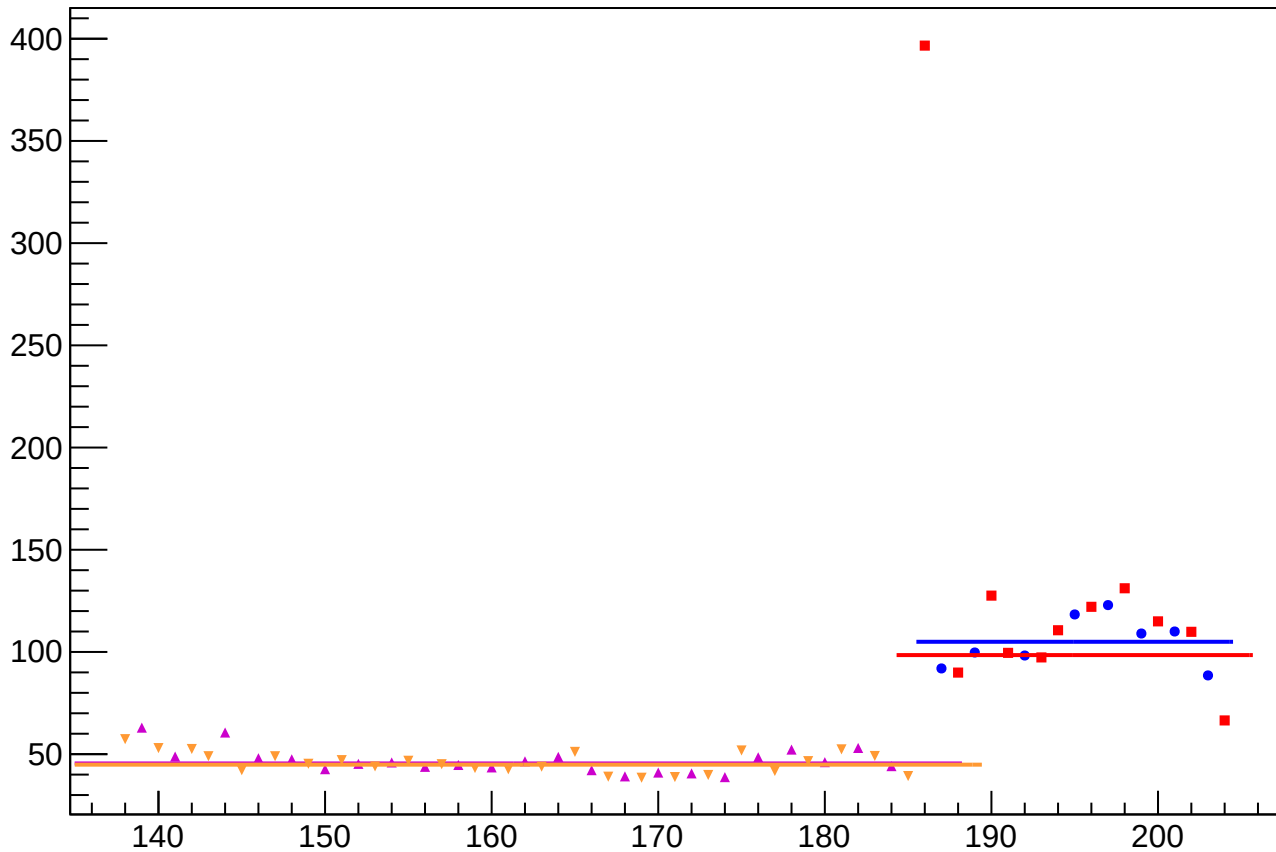
Left In: 31.144 ± 10.958 $\chi^2/\text{NDF}: 23.4/22$

+ sign -30.564 ± 10.323 $\chi^2/\text{NDF}: 50.1/32$

All: -4.438 ± 7.369 $\chi^2/\text{NDF}: 106.8/66$

- sign 22.716 ± 10.523 $\chi^2/\text{NDF}: 43.7/33$

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 104.980 ± 0.033 χ^2/NDF : 123161.9/7

Left Out: 44.862 ± 0.007 χ^2/NDF : 415524.3/24

Right Out: 98.471 ± 0.027 χ^2/NDF : 1062856.1/10

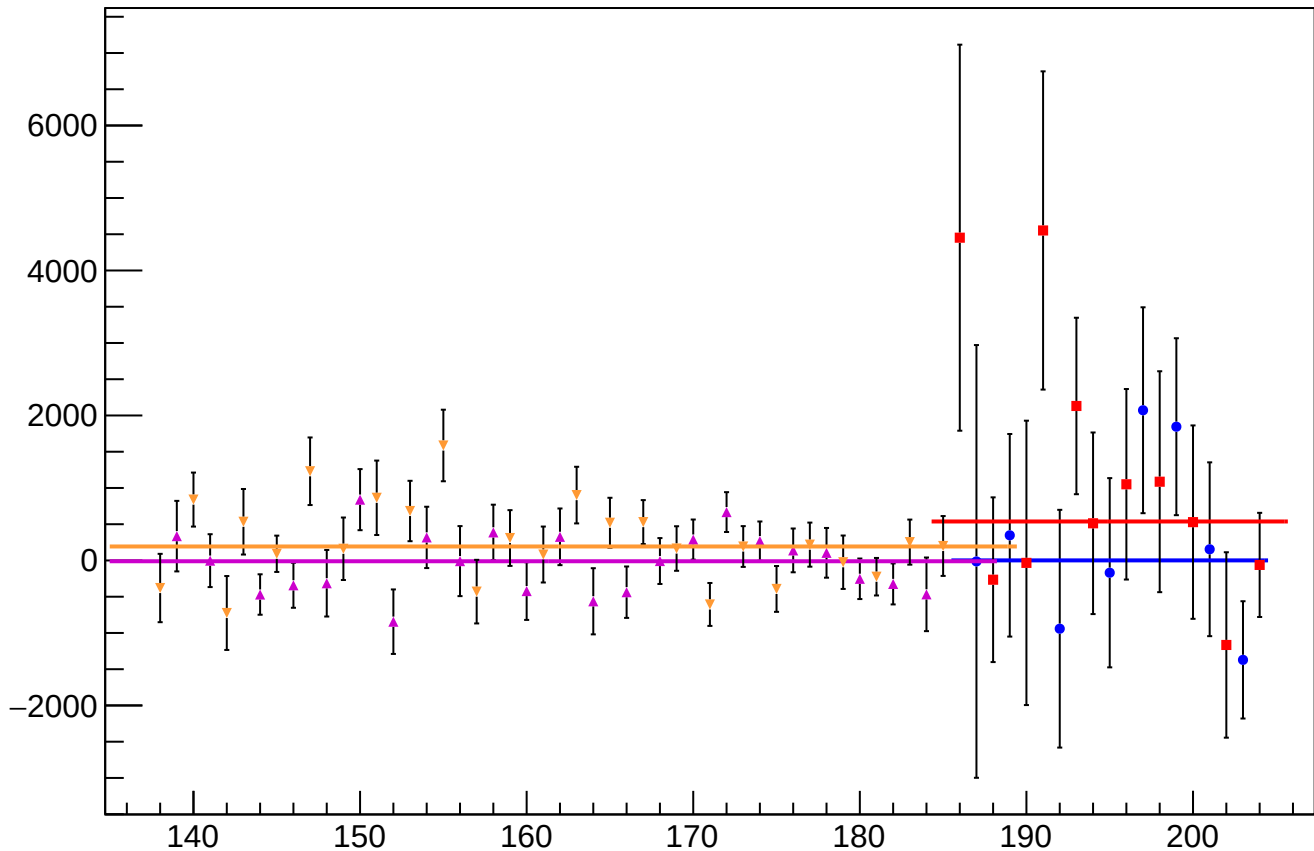
Left In: 45.465 ± 0.008 χ^2/NDF : 457021.7/22

+ sign 47.726 ± 0.007 χ^2/NDF : 3616612.5/32

All: 48.636 ± 0.005 χ^2/NDF : 8802981.1/66

- sign 49.582 ± 0.007 χ^2/NDF : 5154673.5/33

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 1.058 ± 448.362 $\chi^2/\text{NDF}: 7.7/7$

Left Out: 192.946 ± 70.968 $\chi^2/\text{NDF}: 45.8/24$

Right Out: 537.809 ± 383.006 $\chi^2/\text{NDF}: 10.6/10$

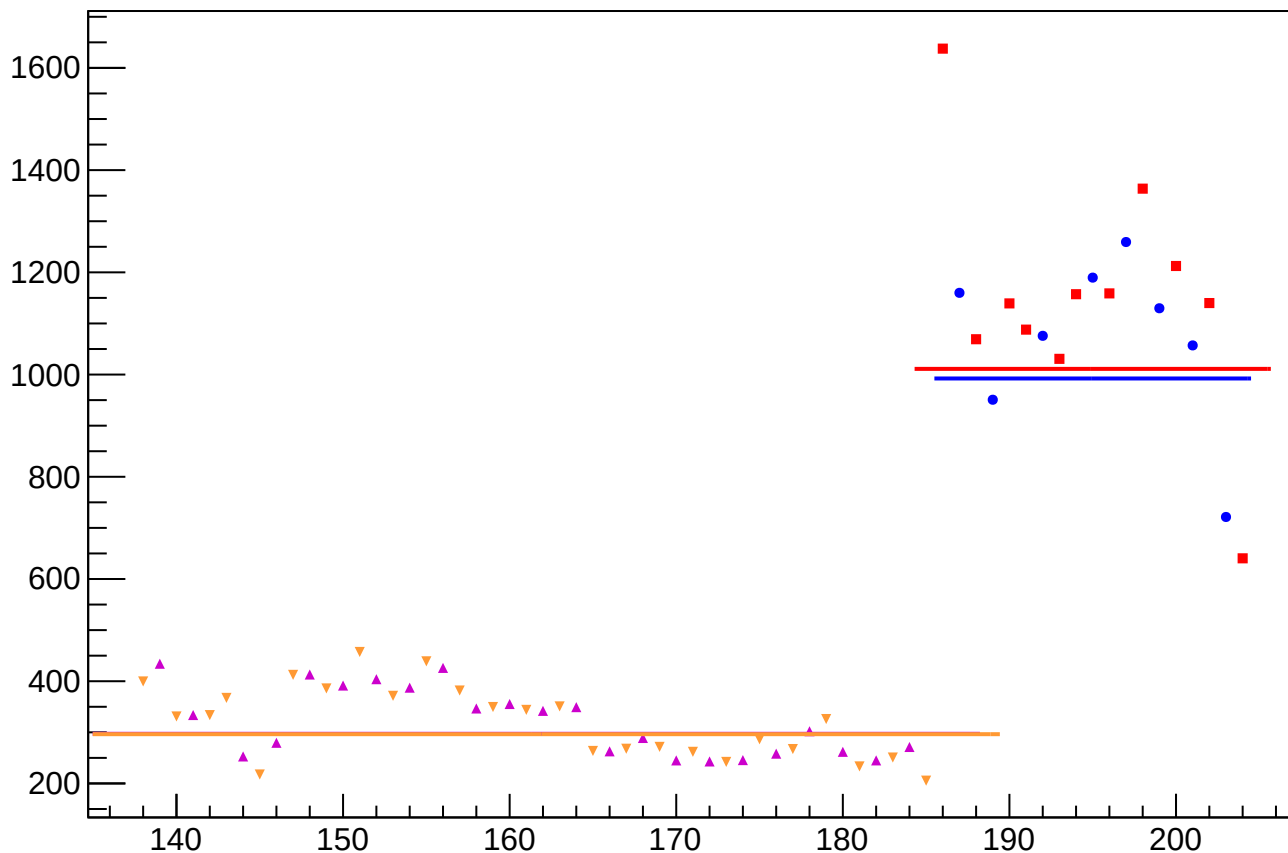
Left In: -10.801 ± 72.300 $\chi^2/\text{NDF}: 30.2/22$

+ sign 188.256 ± 70.095 $\chi^2/\text{NDF}: 53.7/32$

All: 99.379 ± 49.897 $\chi^2/\text{NDF}: 99.7/66$

- sign 8.076 ± 71.045 $\chi^2/\text{NDF}: 42.8/33$

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 992.338 $\pm$ 0.317 χ^2/NDF : 385234.2/7

Left Out: 296.383 $\pm$ 0.050 χ^2/NDF : 1635498.4/24

Right Out: 1011.127 $\pm$ 0.271 χ^2/NDF : 885356.2/10

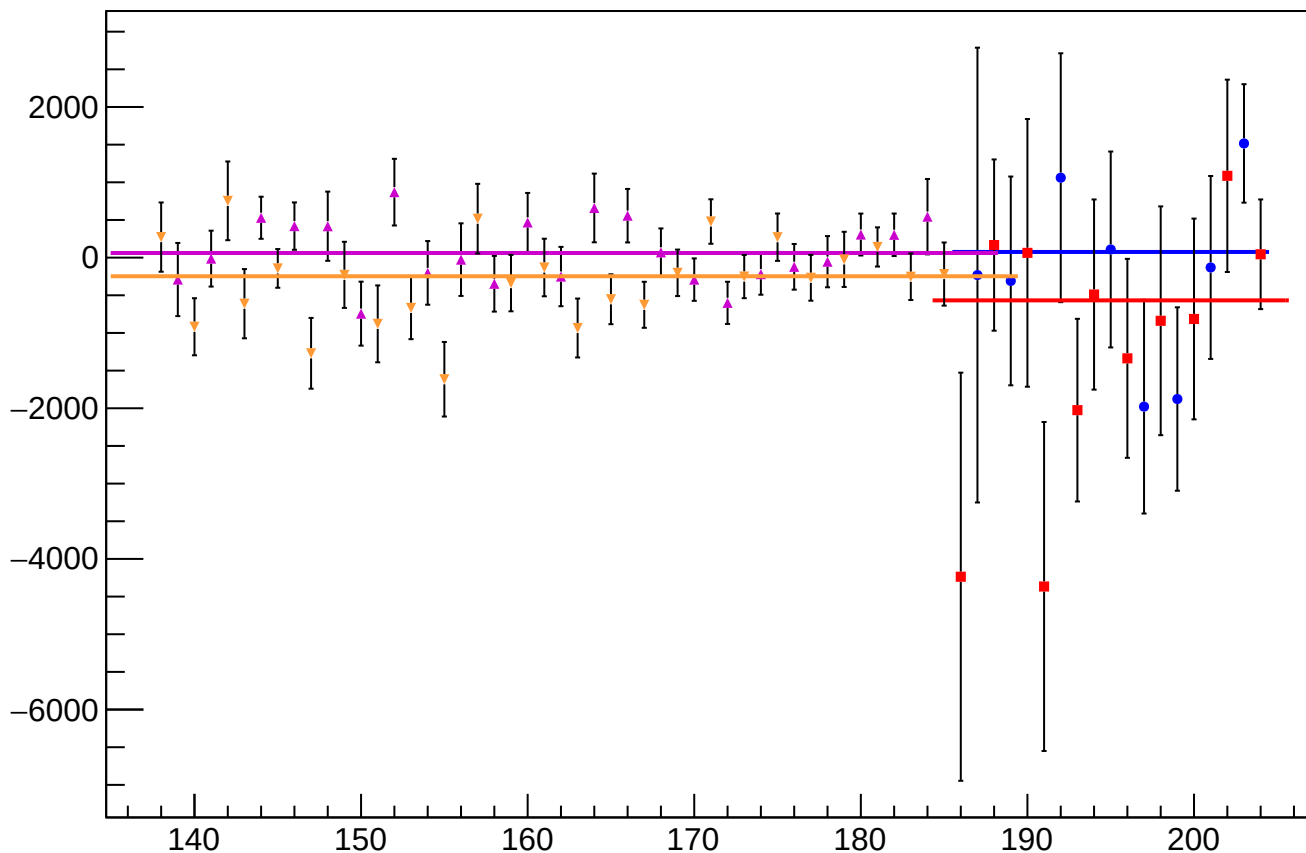
Left In: 297.137 $\pm$ 0.051 χ^2/NDF : 1320750.3/22

+ sign 313.393 $\pm$ 0.050 χ^2/NDF : 6721702.0/32

All: 317.493 $\pm$ 0.035 χ^2/NDF : 15652813.9/60

- sign 321.704 $\pm$ 0.050 χ^2/NDF : 8917243.5/33

asym_sam_15_37_dd_mean vs Slug



Right In: 75.359+/-444.793 χ^2/NDF : 8.5/7

Left Out: -247.108+/-71.218 χ^2/NDF : 43.6/24

Right Out: -567.491+/-383.083 χ^2/NDF : 9.6/10

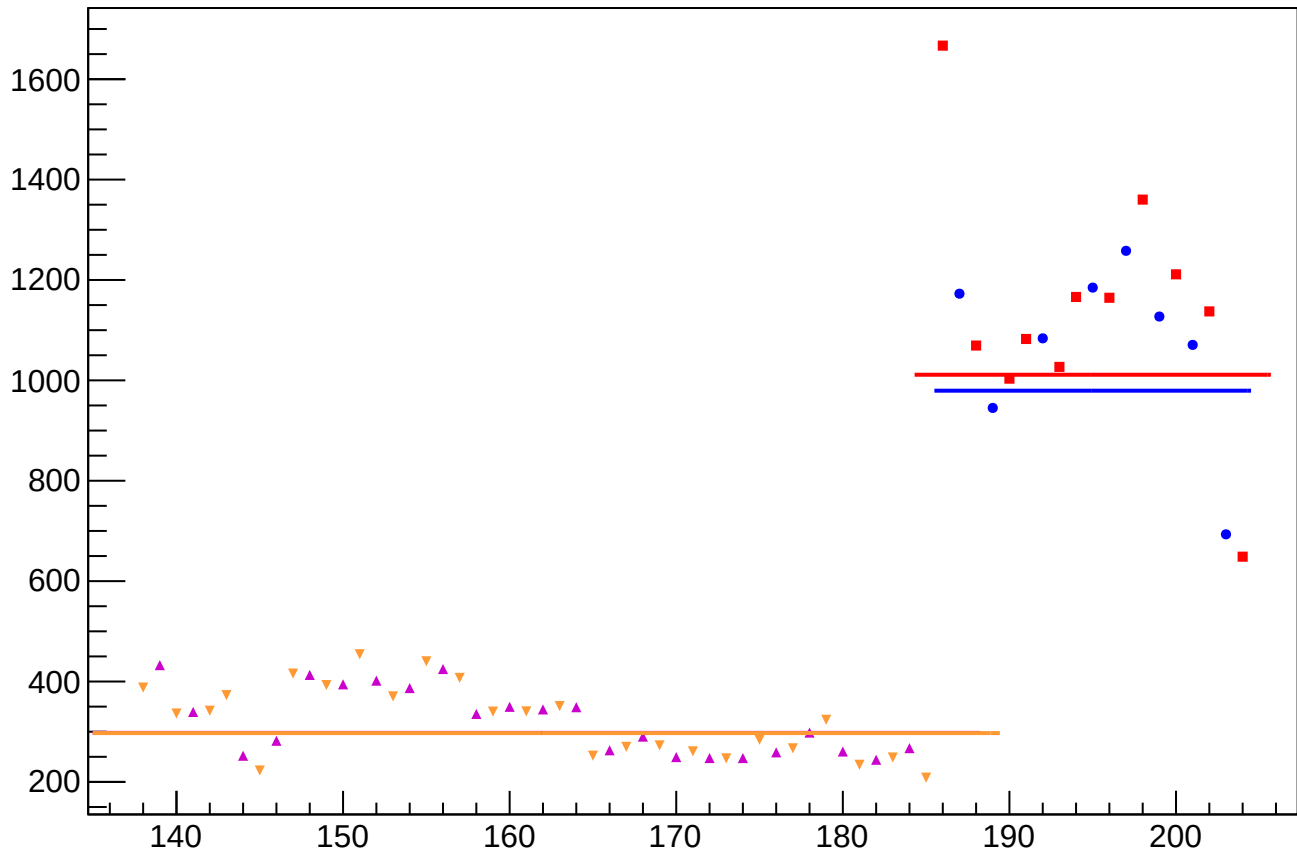
Left In: 61.707+/-72.478 χ^2/NDF : 30.3/22

+ sign -239.047+/-70.322 χ^2/NDF : 52.6/32

All: -101.300+/-50.038 χ^2/NDF : 102.9/66

- sign 39.963+/-71.214 χ^2/NDF : 42.6/33

asym_sam_15_37_dd_rms vs Slug



Right In: 979.440+/-0.315 χ^2/NDF : 450040.2/7

Left Out: 297.273+/-0.050 χ^2/NDF :1627904.5/24

Right Out: 1011.203+/-0.271 χ^2/NDF : 847958.3/10

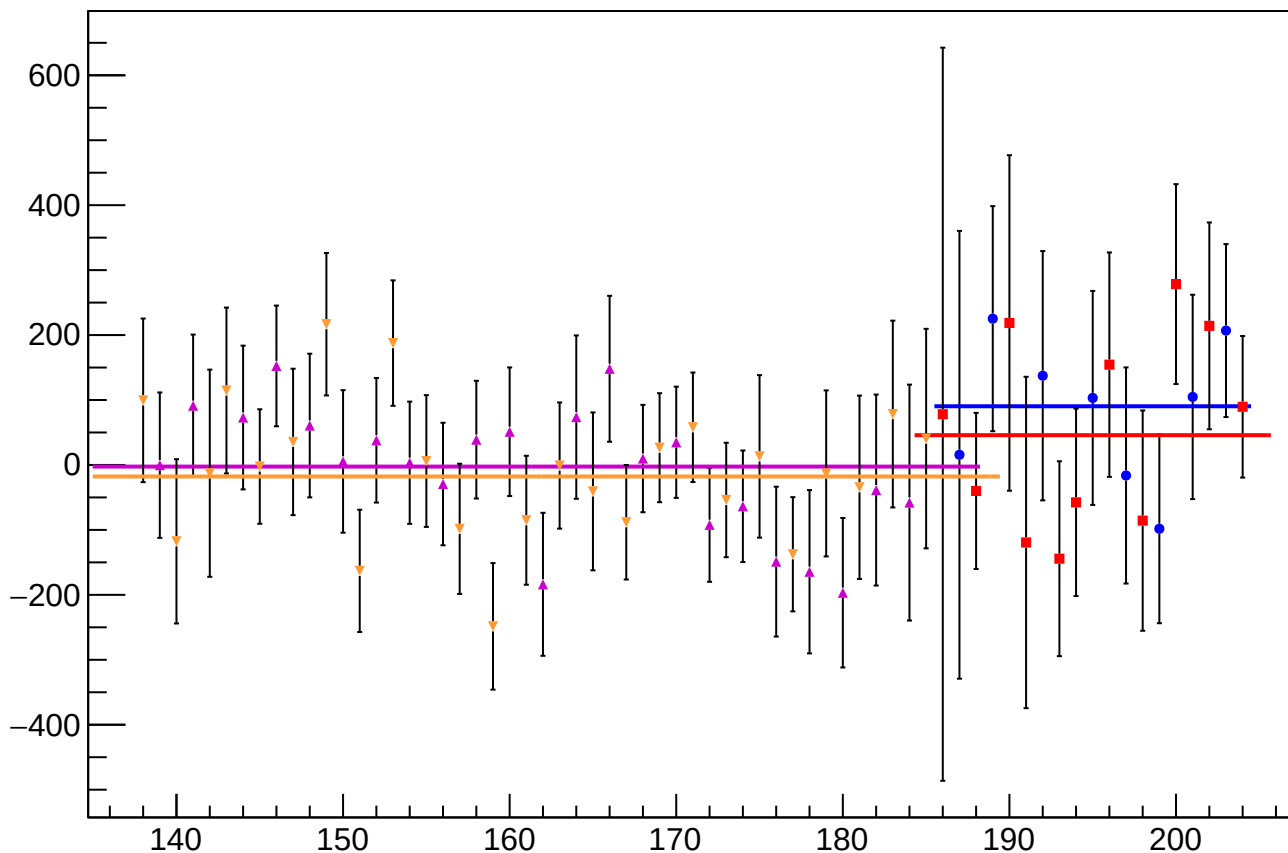
Left In: 297.696+/-0.051 χ^2/NDF :1274607.7/22

+ sign 314.324+/-0.050 χ^2/NDF : 6664661.5/32

All: 318.288+/-0.035 χ^2/NDF : 15498415.2/60

- sign 322.354+/-0.050 χ^2/NDF : 8820881.4/33

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 90.369 $\pm$ 59.143 χ^2 /NDF: 3.6/7

Left Out: -17.764 $\pm$ 21.121 χ^2 /NDF: 25.5/24

Right Out: 45.851 $\pm$ 48.267 χ^2 /NDF: 8.1/10

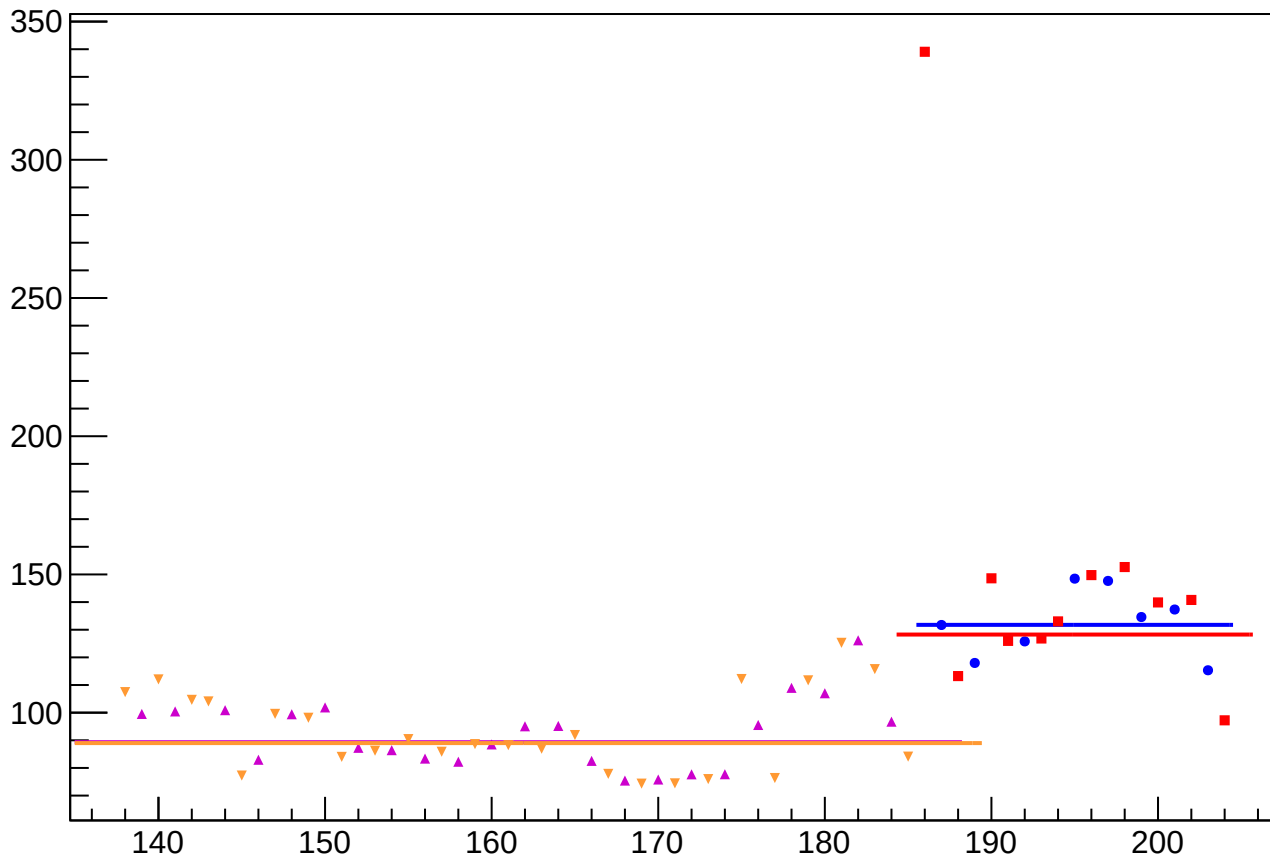
Left In: -2.505 $\pm$ 21.582 χ^2 /NDF: 18.0/22

+ sign -5.533 $\pm$ 19.891 χ^2 /NDF: 32.1/32

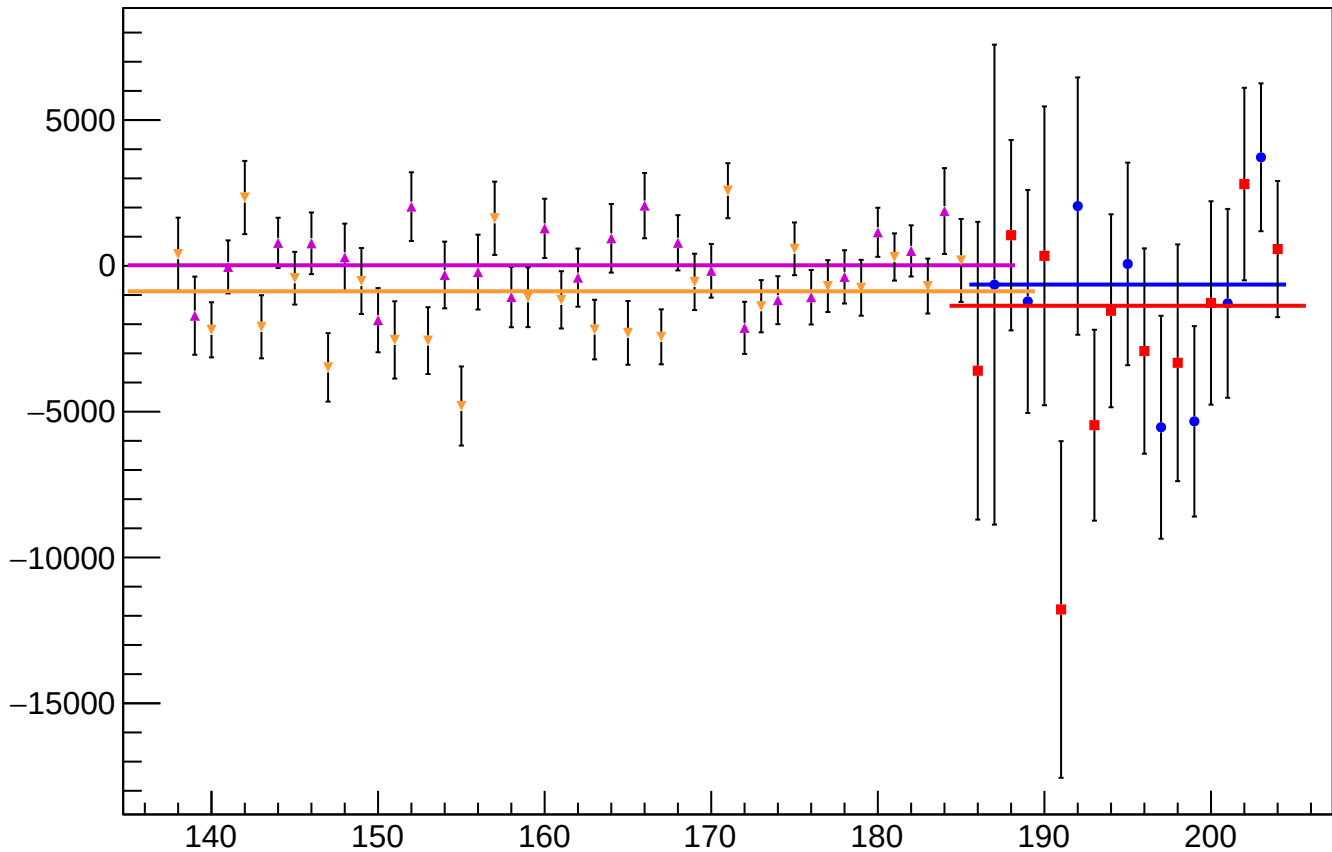
All: 0.062 $\pm$ 13.998 χ^2 /NDF: 59.1/66

- sign 5.552 $\pm$ 19.702 χ^2 /NDF: 26.9/33

dit_asym_sam_24_68_dd_rms vs Slug



asym_sam_24_68_dd_correction_mean vs Slug



Right In: -640.368 ± 1259.283 χ^2/NDF : 7.1/7

Left Out: -871.061 ± 205.986 χ^2/NDF : 57.6/24

Right Out: -1368.269 ± 1063.758 χ^2/NDF : 8.4/10

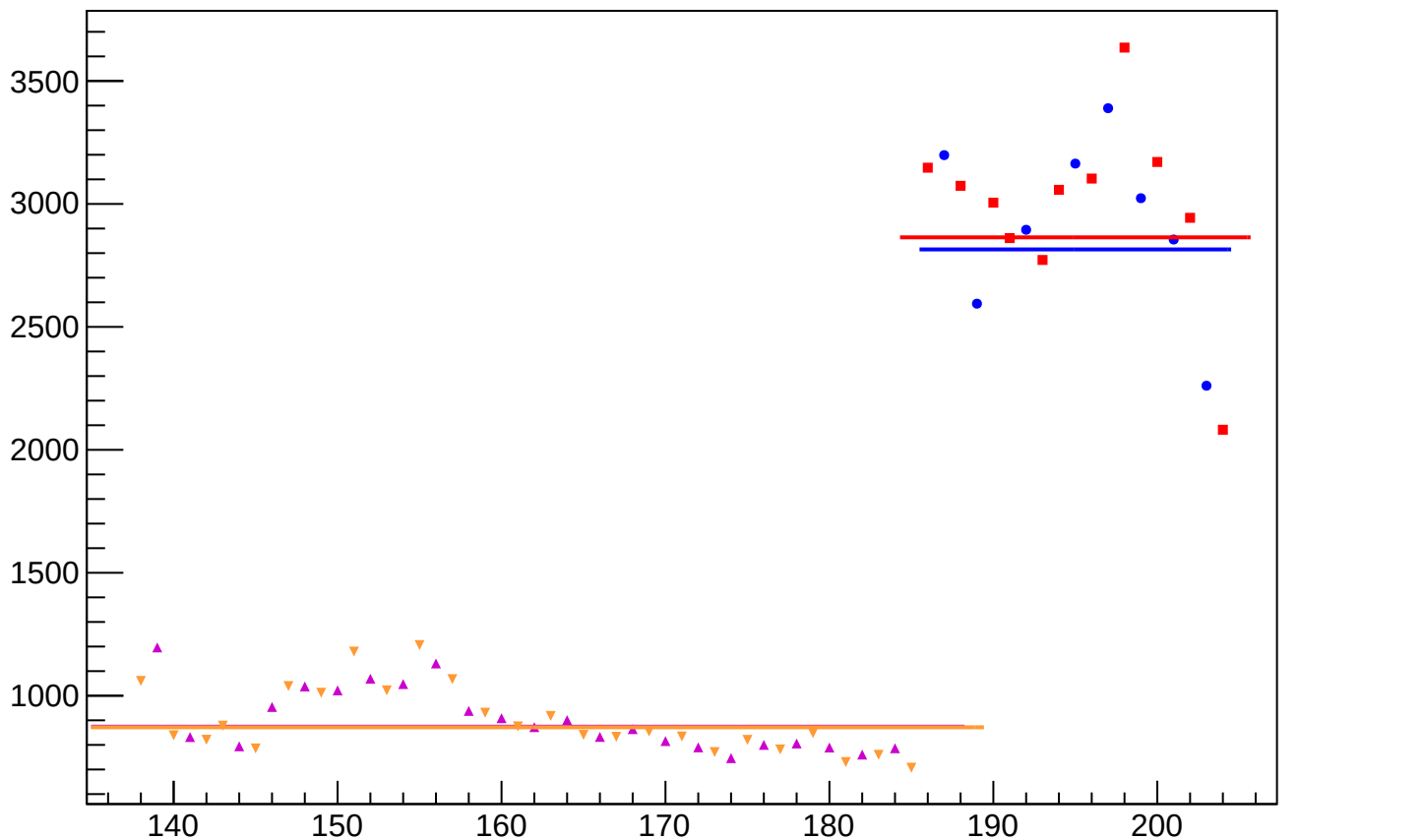
Left In: 20.573 ± 210.177 χ^2/NDF : 29.7/22

+ sign -865.049 ± 203.284 χ^2/NDF : 64.8/32

All: -454.244 ± 144.760 χ^2/NDF : 112.8/66

- sign -31.607 ± 206.191 χ^2/NDF : 39.7/33

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 2815.076 $\pm$ 0.890 χ^2 /NDF: 181020.8/7

Left Out: 871.690 $\pm$ 0.146 χ^2 /NDF: 642403.4/24

Right Out: 2864.187 $\pm$ 0.752 χ^2 /NDF: 346934.5/10

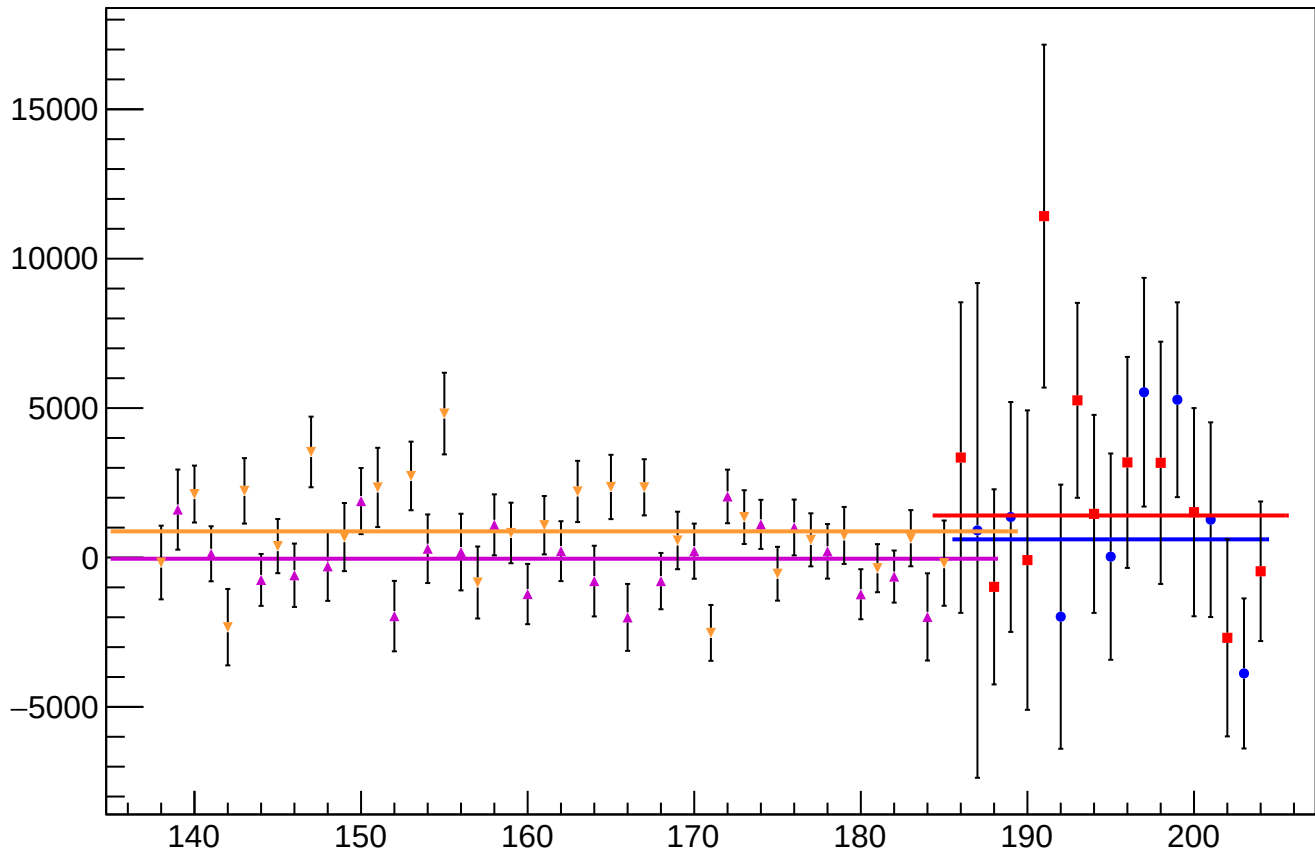
Left In: 874.055 $\pm$ 0.149 χ^2 /NDF: 578510.6/22

+ sign 922.333 $\pm$ 0.144 χ^2 /NDF: 5462527.1/32

All: 935.392 $\pm$ 0.102 χ^2 /NDF: 13141871.2/60

- sign 948.827 $\pm$ 0.146 χ^2 /NDF: 7662600.4/33

asym_sam_24_68_dd_mean vs Slug



Right In: 607.197 ± 1257.469 χ^2/NDF : 7.4/7

Left Out: 875.084 ± 205.572 χ^2/NDF : 55.1/24

Right Out: 1405.382 ± 1063.197 χ^2/NDF : 7.8/10

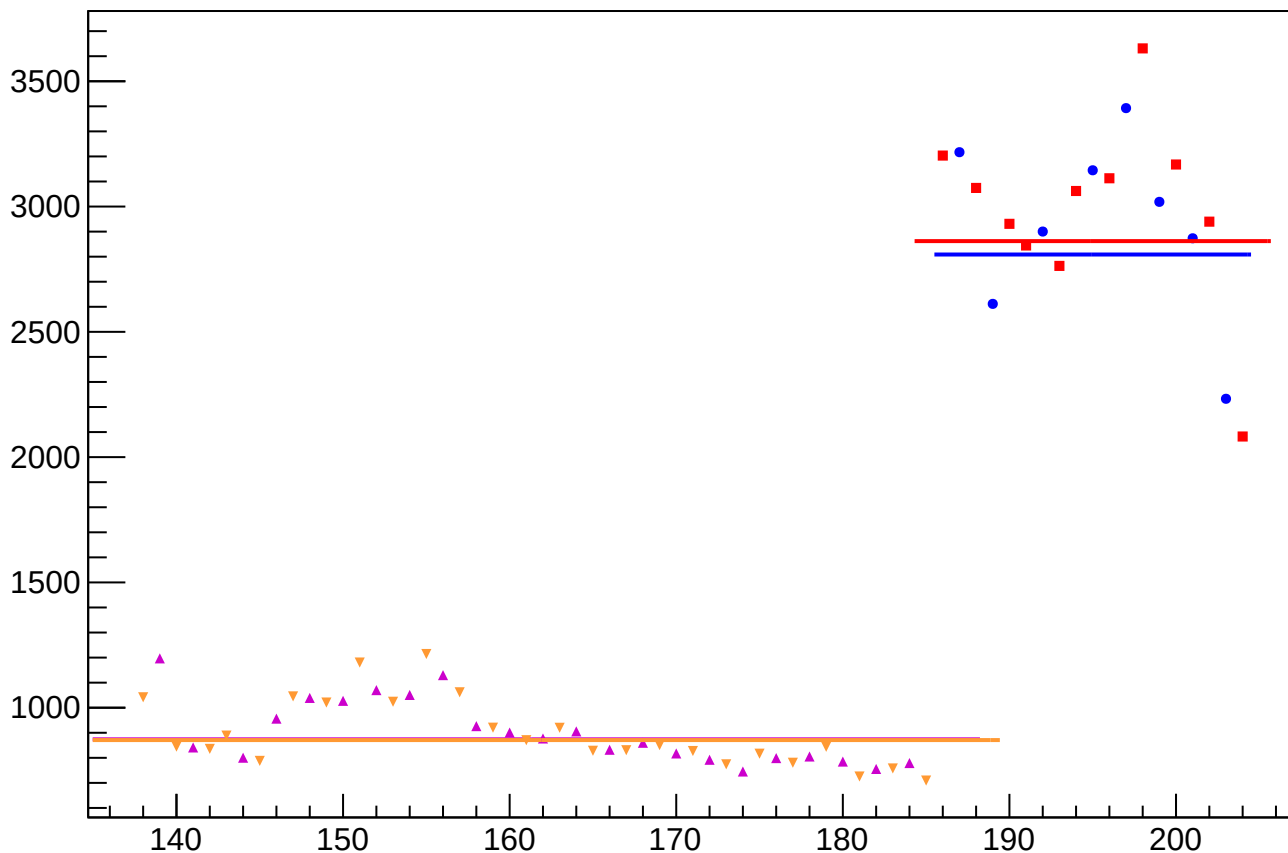
Left In: -41.523 ± 210.209 χ^2/NDF : 28.1/22

+ sign 868.111 ± 202.879 χ^2/NDF : 62.5/32

All: 447.487 ± 144.623 χ^2/NDF : 109.0/66

- sign 12.910 ± 206.217 χ^2/NDF : 37.7/33

asym_sam_24_68_dd_rms vs Slug



Right In: 2808.602 ± 0.889 χ^2/NDF : 190780.3/7

Left Out: 870.853 ± 0.145 χ^2/NDF : 651805.6/24

Right Out: 2862.092 ± 0.752 χ^2/NDF : 348016.4/10

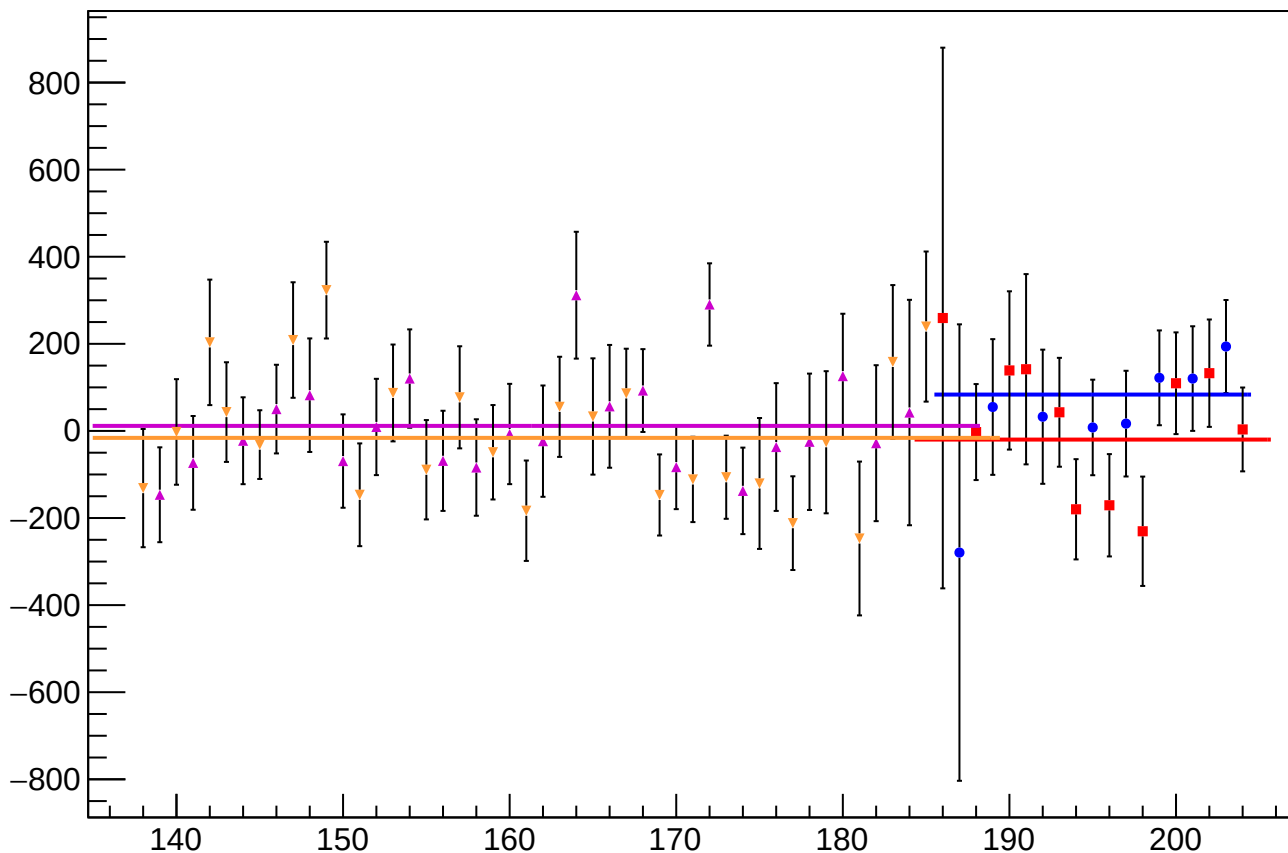
Left In: 873.902 ± 0.149 χ^2/NDF : 583344.5/22

+ sign 921.293 ± 0.143 χ^2/NDF : 5468269.5/32

All: 934.772 ± 0.102 χ^2/NDF : 13148356.9/60

- sign 948.698 ± 0.146 χ^2/NDF : 7662138.3/33

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 83.505 ± 45.679 χ^2/NDF : 2.7/7

Left Out: -15.956 ± 23.377 χ^2/NDF : 34.9/24

Right Out: -19.871 ± 38.971 χ^2/NDF : 11.0/10

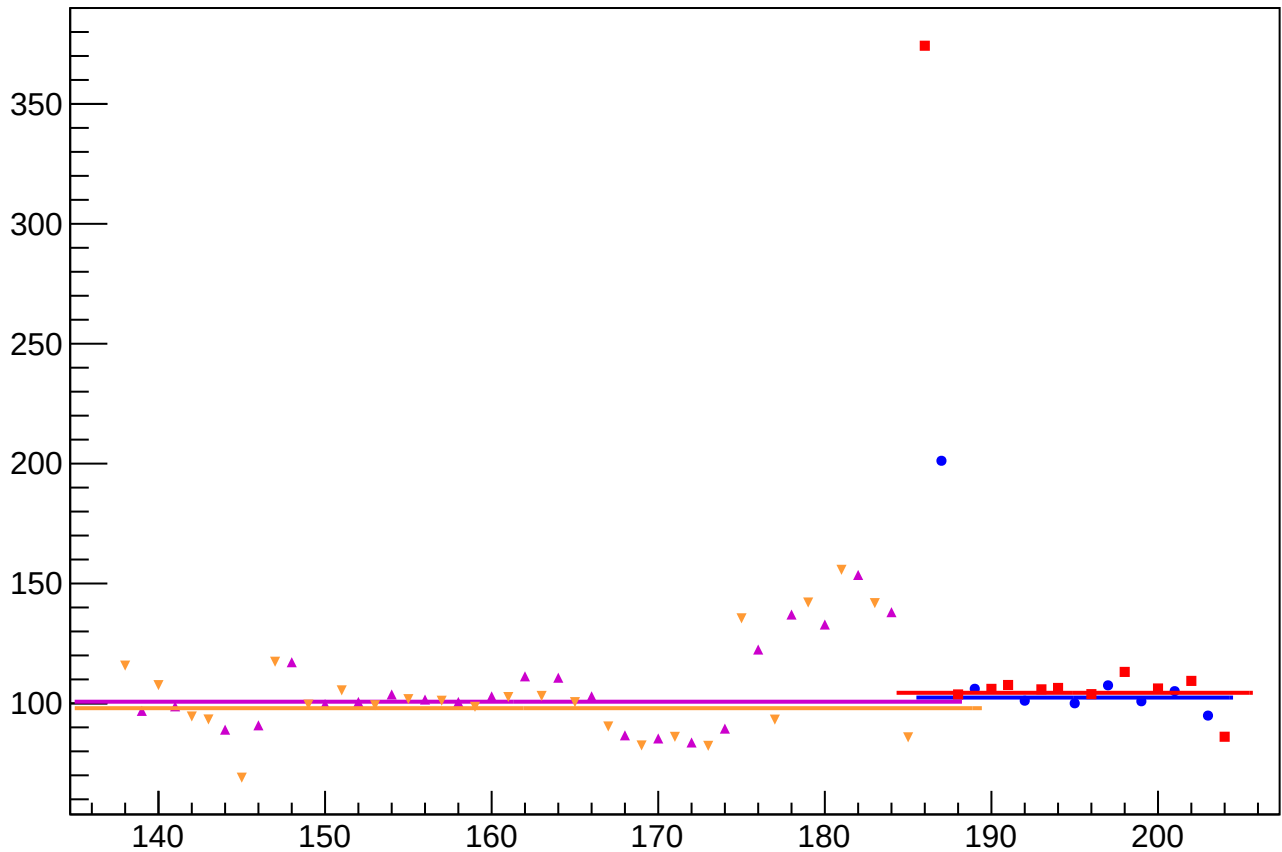
Left In: 11.570 ± 24.412 χ^2/NDF : 24.0/22

+ sign 4.687 ± 20.810 χ^2/NDF : 41.4/32

All: 3.693 ± 14.672 χ^2/NDF : 76.8/66

- sign 2.710 ± 20.688 χ^2/NDF : 35.4/33

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 102.429 $\pm$ 0.032 χ^2 /NDF: 88033.0/7

Left Out: 98.001 $\pm$ 0.017 χ^2 /NDF: 1155021.9/24

Right Out: 104.418 $\pm$ 0.028 χ^2 /NDF: 465320.5/10

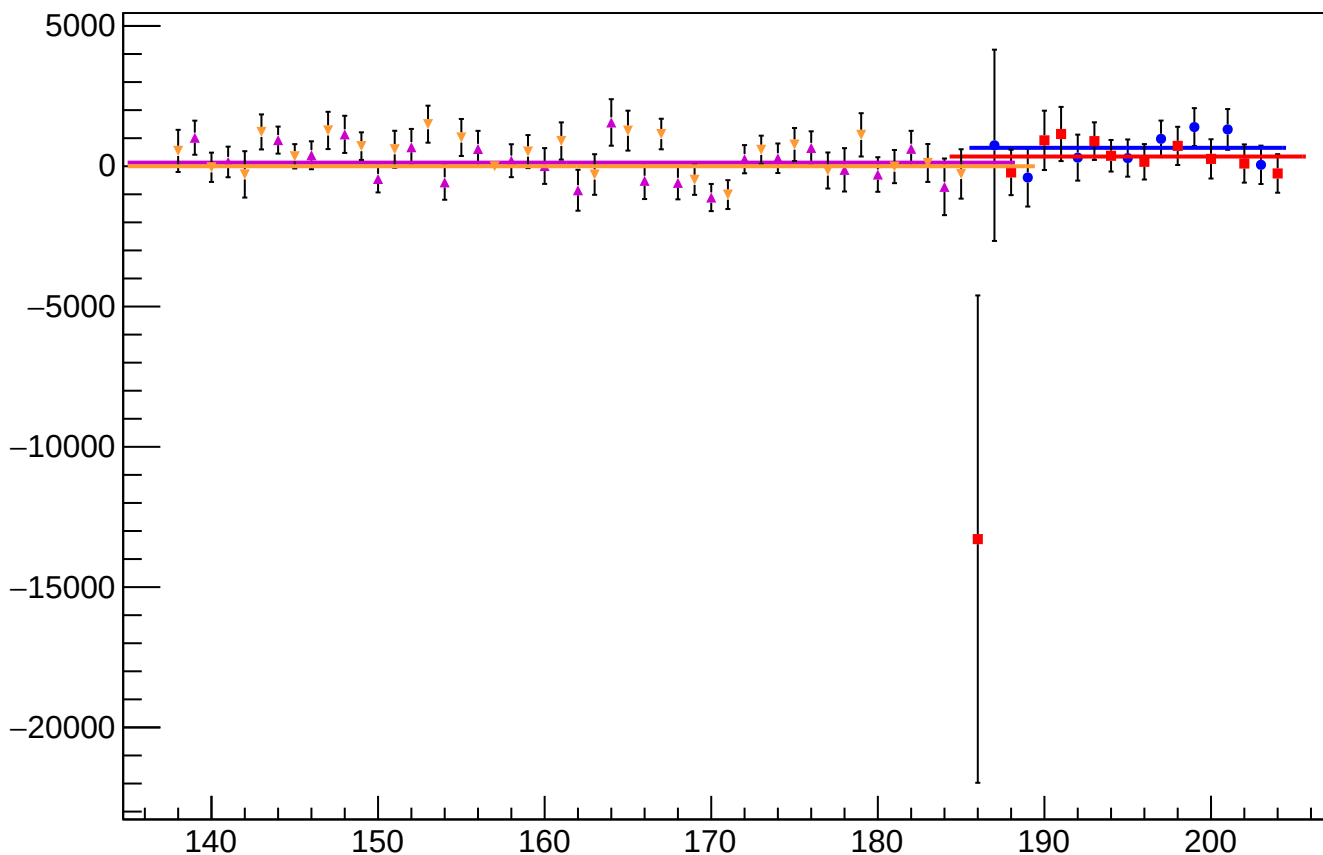
Left In: 100.704 $\pm$ 0.017 χ^2 /NDF: 759922.8/22

+ sign 98.920 $\pm$ 0.015 χ^2 /NDF: 1257944.8/32

All: 100.344 $\pm$ 0.010 χ^2 /NDF: 2514843.8/66

- sign 101.750 $\pm$ 0.015 χ^2 /NDF: 1238293.8/33

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 656.360 $\pm$ 273.328 χ^2 /NDF: 4.6/7

Left Out: -0.000 $\pm$ -0.000 χ^2 /NDF:39.9/24

Right Out: 346.246 $\pm$ -224.300 χ^2 /NDF: 5.9/10

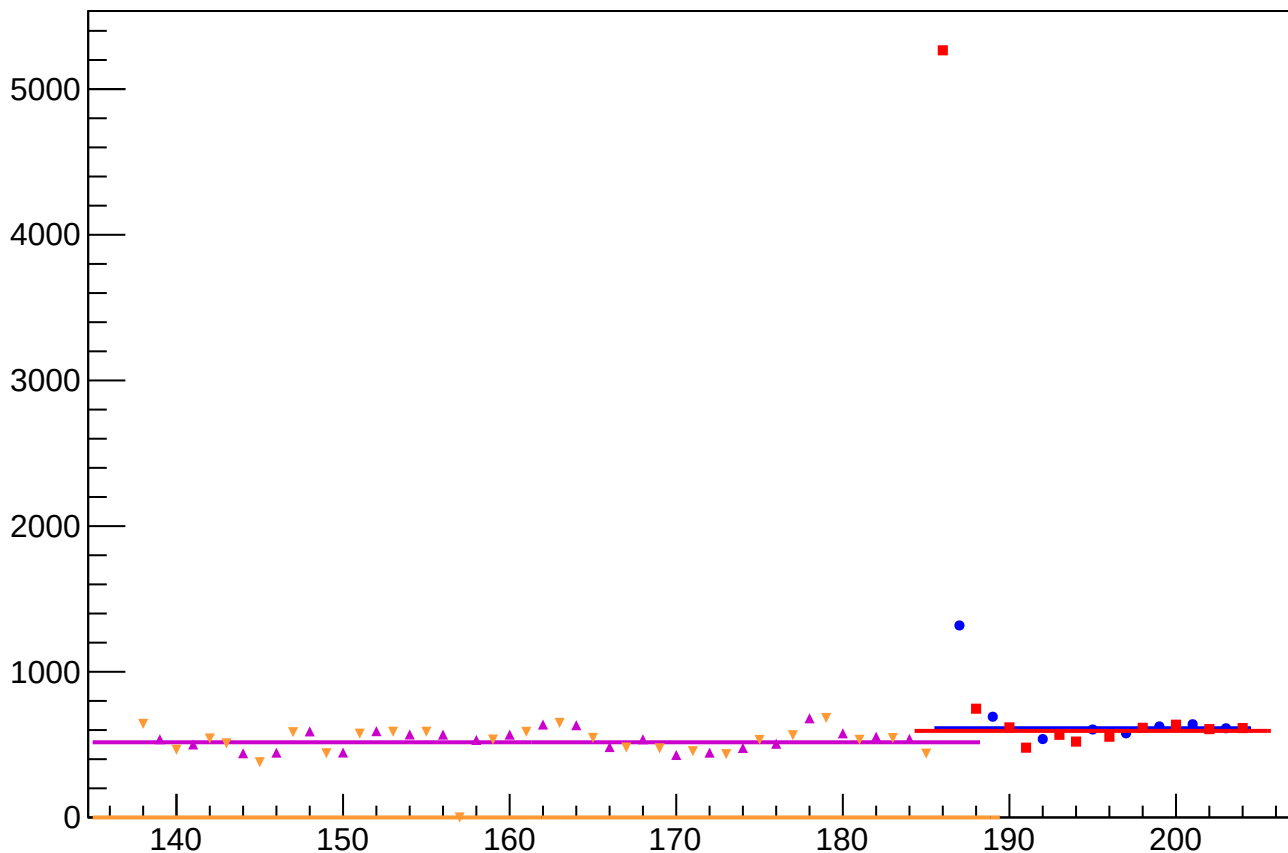
Left In: 129.094 $\pm$ -124.247 χ^2 /NDF:28.3/22

+ sign -0.000 $\pm$ -0.000 χ^2 /NDF: 50.2/32

All: -0.000 $\pm$ -0.000 χ^2 /NDF: 87.9/66

- sign 180.080 $\pm$ -108.686 χ^2 /NDF: 35.0/33

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 612.592 ± 0.193 χ^2/NDF : 123534.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 34974091.9/24

Right Out: 594.358 ± 0.159 χ^2/NDF : 735931.3/10

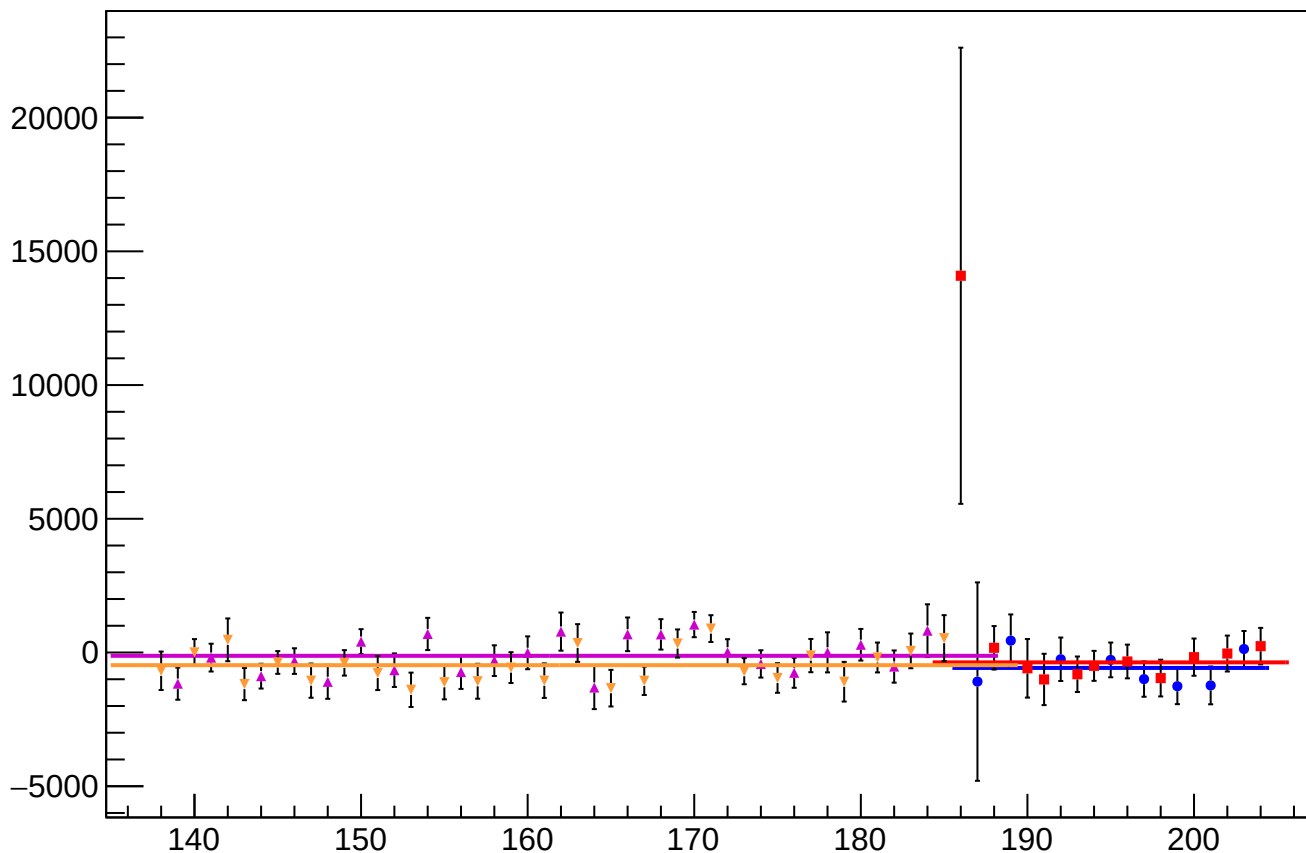
Left In: 516.120 ± 0.088 χ^2/NDF : 571744.7/22

+ sign 0.000 ± 0.000 χ^2/NDF : 45143861.4/32

All: 0.000 ± 0.000 χ^2/NDF : 95006122.1/66

- sign 534.490 ± 0.077 χ^2/NDF : 1493878.9/33

asym_sam_26_48_dd_mean vs Slug



Right In: -576.874 $\pm$ 269.871 χ^2 /NDF: 4.9/7

Left Out: -473.870 $\pm$ 117.977 χ^2 /NDF: 27.9/24

Right Out: -369.203 $\pm$ 223.825 χ^2 /NDF: 6.2/10

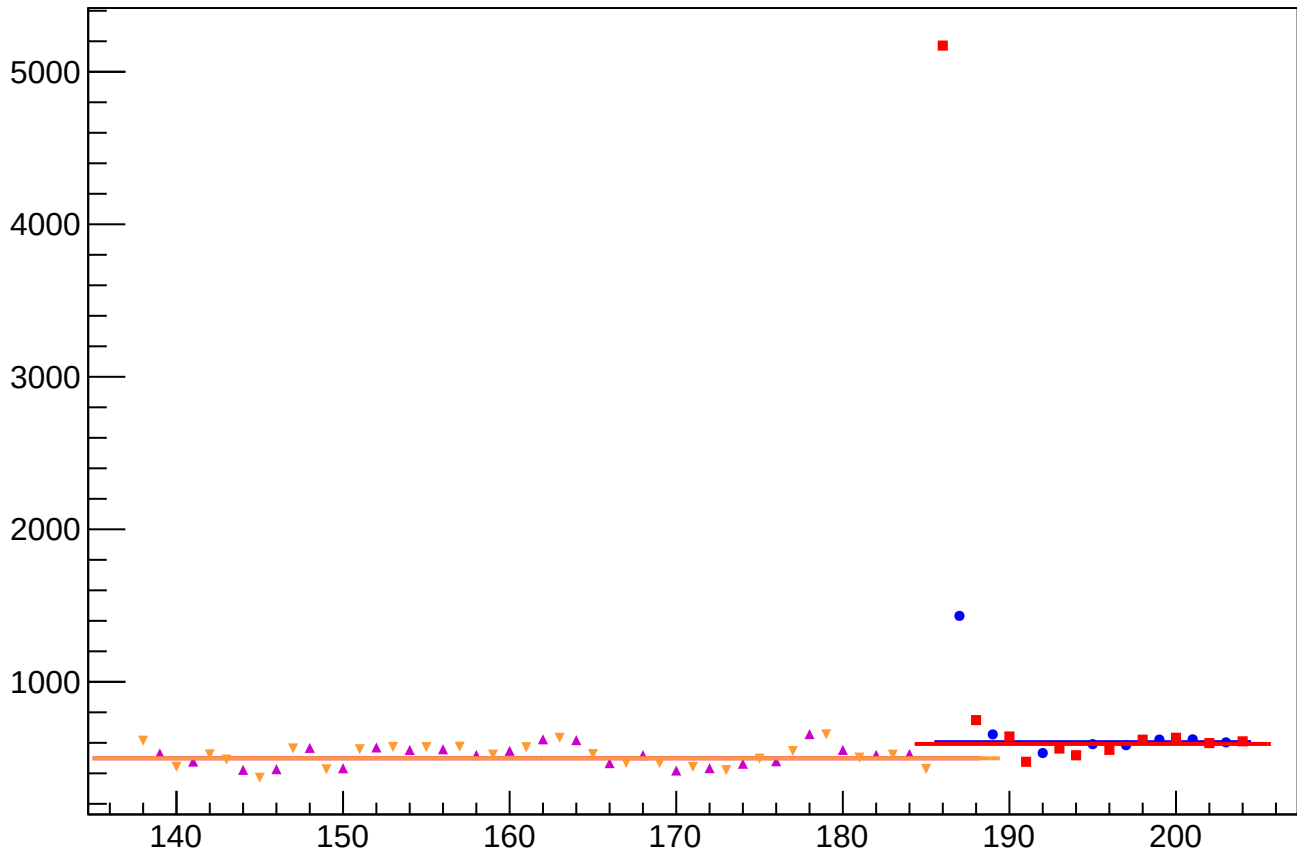
Left In: -124.022 $\pm$ 120.216 χ^2 /NDF: 30.2/22

+ sign -490.397 $\pm$ 108.099 χ^2 /NDF: 32.9/32

All: -331.466 $\pm$ 75.651 χ^2 /NDF: 74.4/66

- sign -178.915 $\pm$ 105.907 χ^2 /NDF: 37.3/33

asym_sam_26_48_dd_rms vs Slug



Right In: 604.474+/-0.191 χ^2/NDF : 125785.4/7

Left Out: 498.662+/-0.083 χ^2/NDF : 734652.4/24

Right Out: 592.839+/-0.158 χ^2/NDF : 742556.2/10

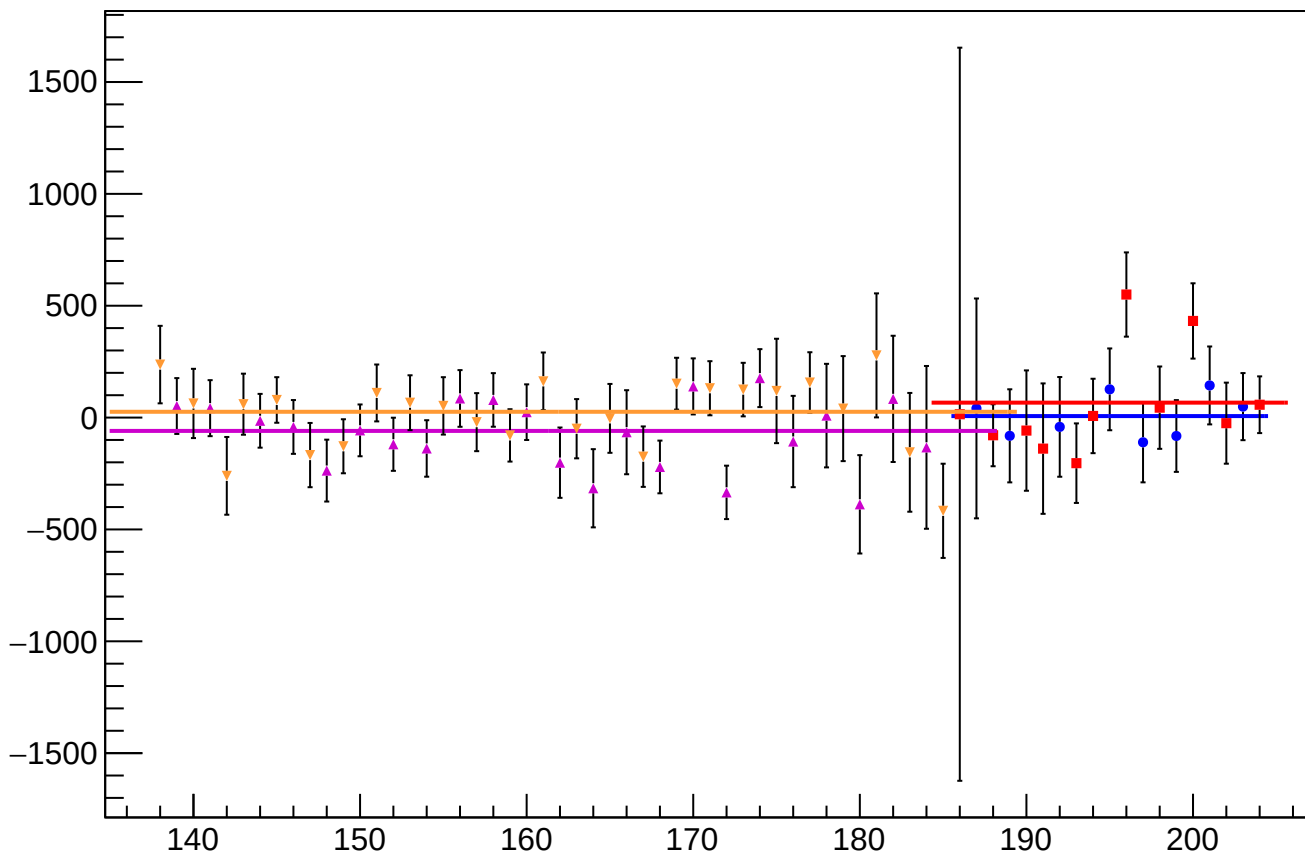
Left In: 498.835+/-0.085 χ^2/NDF : 572334.3/22

+ sign 515.639+/-0.076 χ^2/NDF : 1118562.0/32

All: 517.804+/-0.053 χ^2/NDF : 2708820.8/66

- sign 519.881+/-0.075 χ^2/NDF : 1588687.5/33

dit_asym_sam_1548_avg_mean vs Slug



Right In: 6.697 ± 66.701 χ^2/NDF : 2.1/7

Left Out: 25.940 ± 28.120 χ^2/NDF : 22.7/24

Right Out: 66.780 ± 54.917 χ^2/NDF : 15.8/10

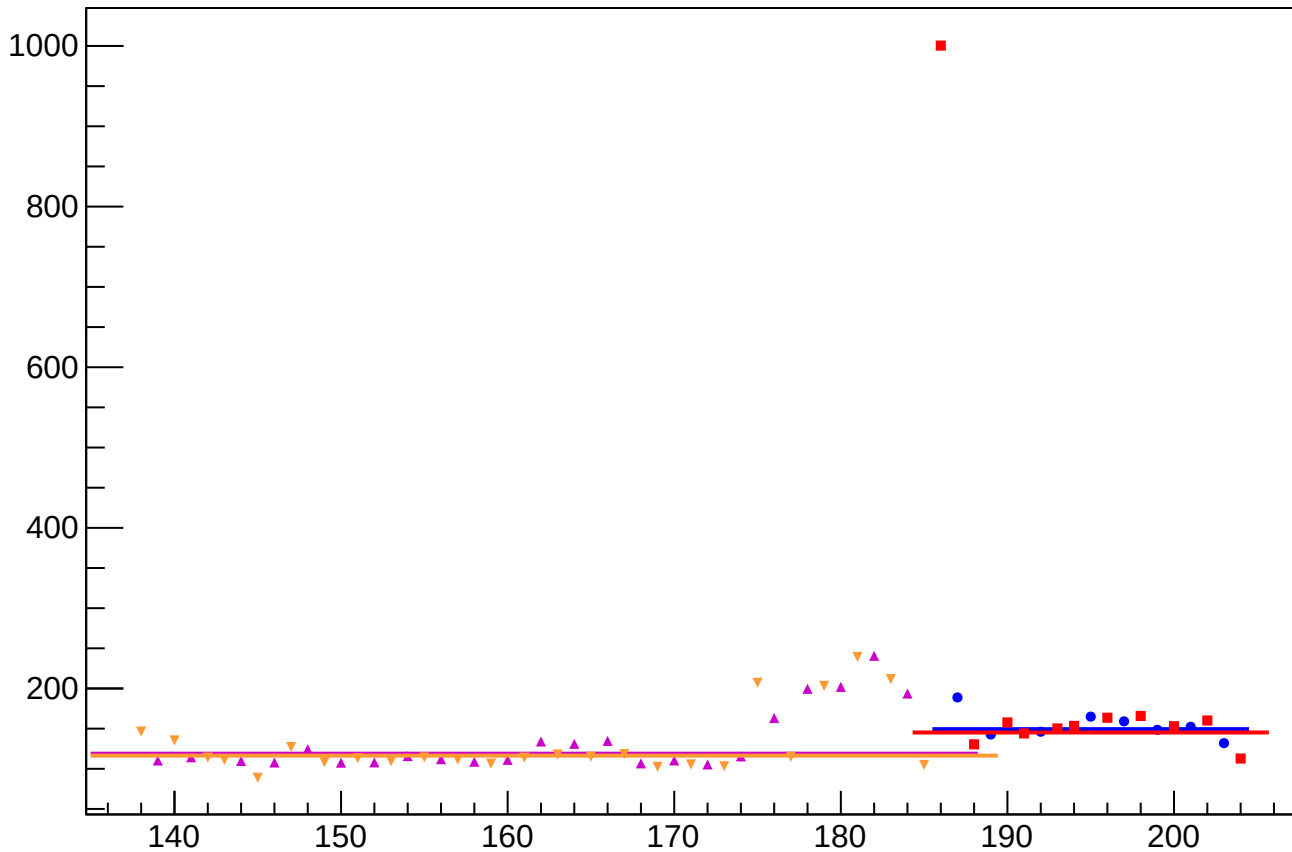
Left In: -59.603 ± 29.184 χ^2/NDF : 25.6/22

+ sign 23.036 ± 25.912 χ^2/NDF : 24.8/32

All: -4.518 ± 18.272 χ^2/NDF : 72.7/66

- sign -31.772 ± 25.771 χ^2/NDF : 45.6/33

dit_asym_sam_1548_avg_rms vs Slug



Right In: 149.378 $\pm$ 0.047 χ^2 /NDF: 63374.7/7

Left Out: 116.427 $\pm$ 0.020 χ^2 /NDF:1589669.4/24

Right Out: 145.239 $\pm$ 0.039 χ^2 /NDF: 771075.9/10

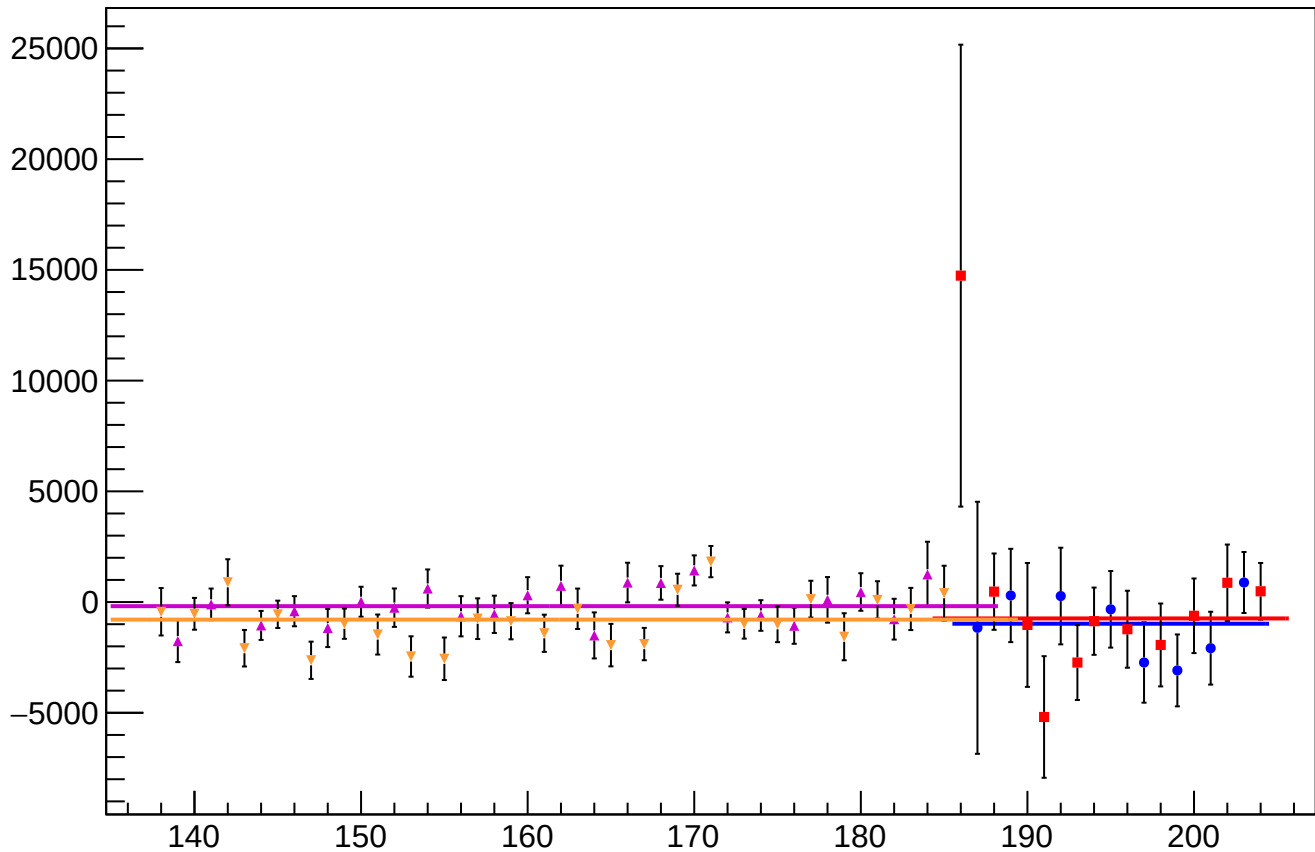
Left In: 118.822 $\pm$ 0.021 χ^2 /NDF:1289178.7/22

+ sign 121.400 $\pm$ 0.018 χ^2 /NDF: 2067458.1/32

All: 123.028 $\pm$ 0.013 χ^2 /NDF: 4504295.3/66

- sign 124.639 $\pm$ 0.018 χ^2 /NDF: 2421125.1/33

asym_sam_1548_avg_correction_mean vs Slug



Right In: -977.244+/-648.114 χ^2/NDF : 5.7/7

Left Out: -791.963+/-165.971 χ^2/NDF : 43.6/24

Right Out: -739.213+/-550.007 χ^2/NDF : 9.0/10

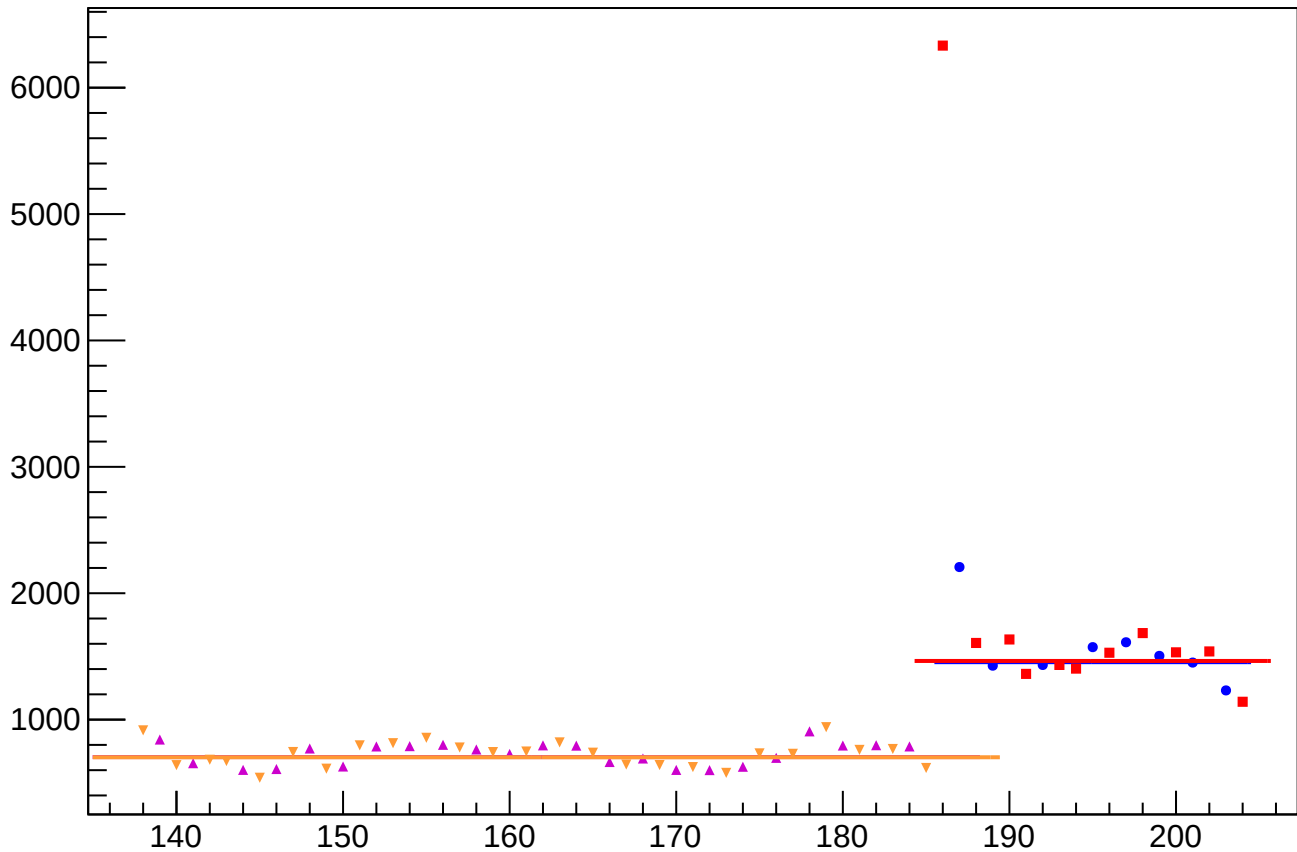
Left In: -185.191+/-169.174 χ^2/NDF : 23.4/22

+ sign -803.365+/-160.783 χ^2/NDF : 49.4/32

All: -519.840+/-114.013 χ^2/NDF : 89.0/66

- sign -233.076+/-161.698 χ^2/NDF : 33.4/33

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1454.601 ± 0.458 $\chi^2/\text{NDF}: 114588.4/7$

Left Out: 702.152 ± 0.117 $\chi^2/\text{NDF}: 691552.2/24$

Right Out: 1464.168 ± 0.389 $\chi^2/\text{NDF}: 628696.1/10$

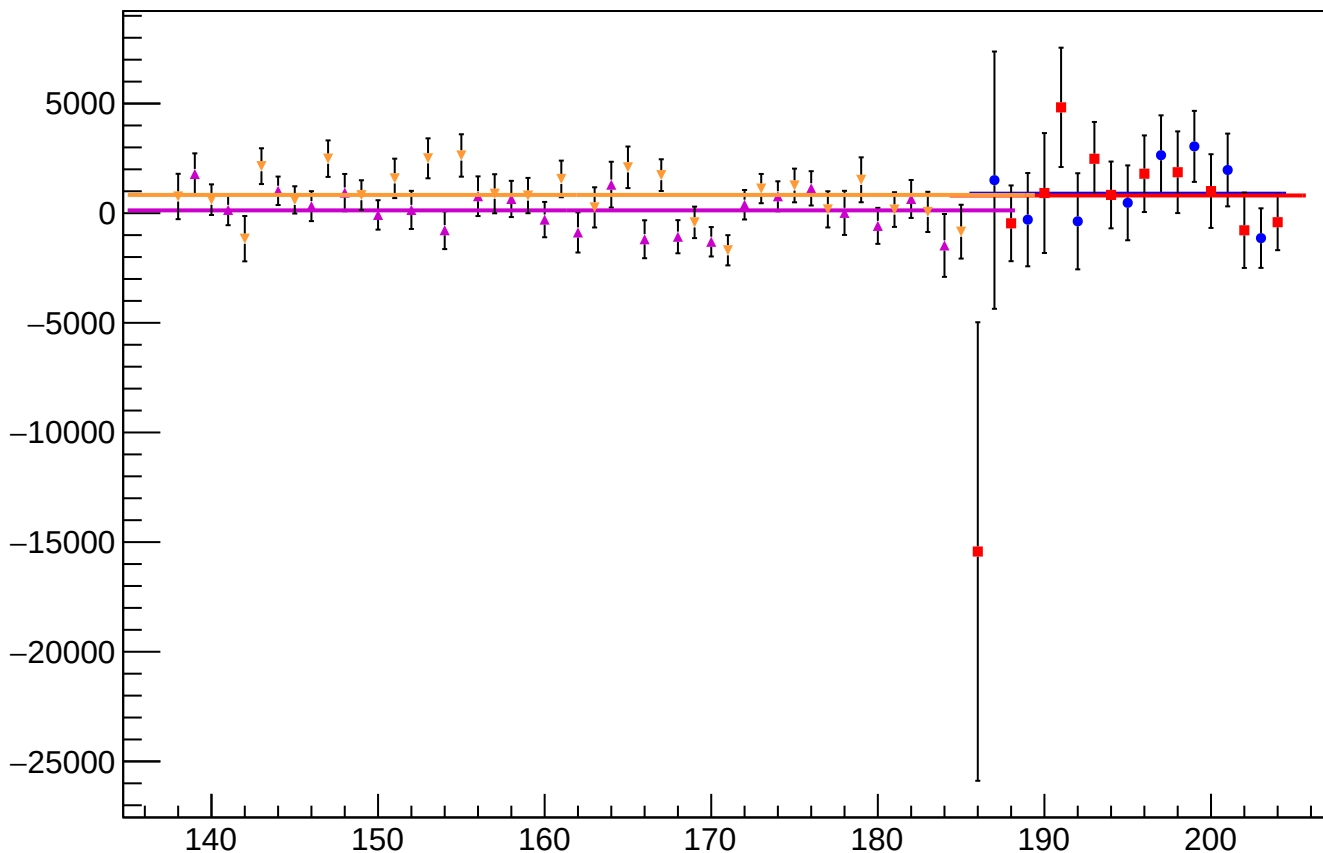
Left In: 703.710 ± 0.120 $\chi^2/\text{NDF}: 533573.3/22$

+ sign 748.459 ± 0.114 $\chi^2/\text{NDF}: 3335995.9/32$

All: 758.889 ± 0.081 $\chi^2/\text{NDF}: 8008081.3/66$

- sign 769.437 ± 0.114 $\chi^2/\text{NDF}: 4655158.7/33$

asym_sam_1548_avg_mean vs Slug



Right In: 889.162 ± 646.741 χ^2/NDF : 6.1/7

Left Out: 832.553 ± 163.428 χ^2/NDF : 43.8/24

Right Out: 807.962 ± 548.628 χ^2/NDF : 8.6/10

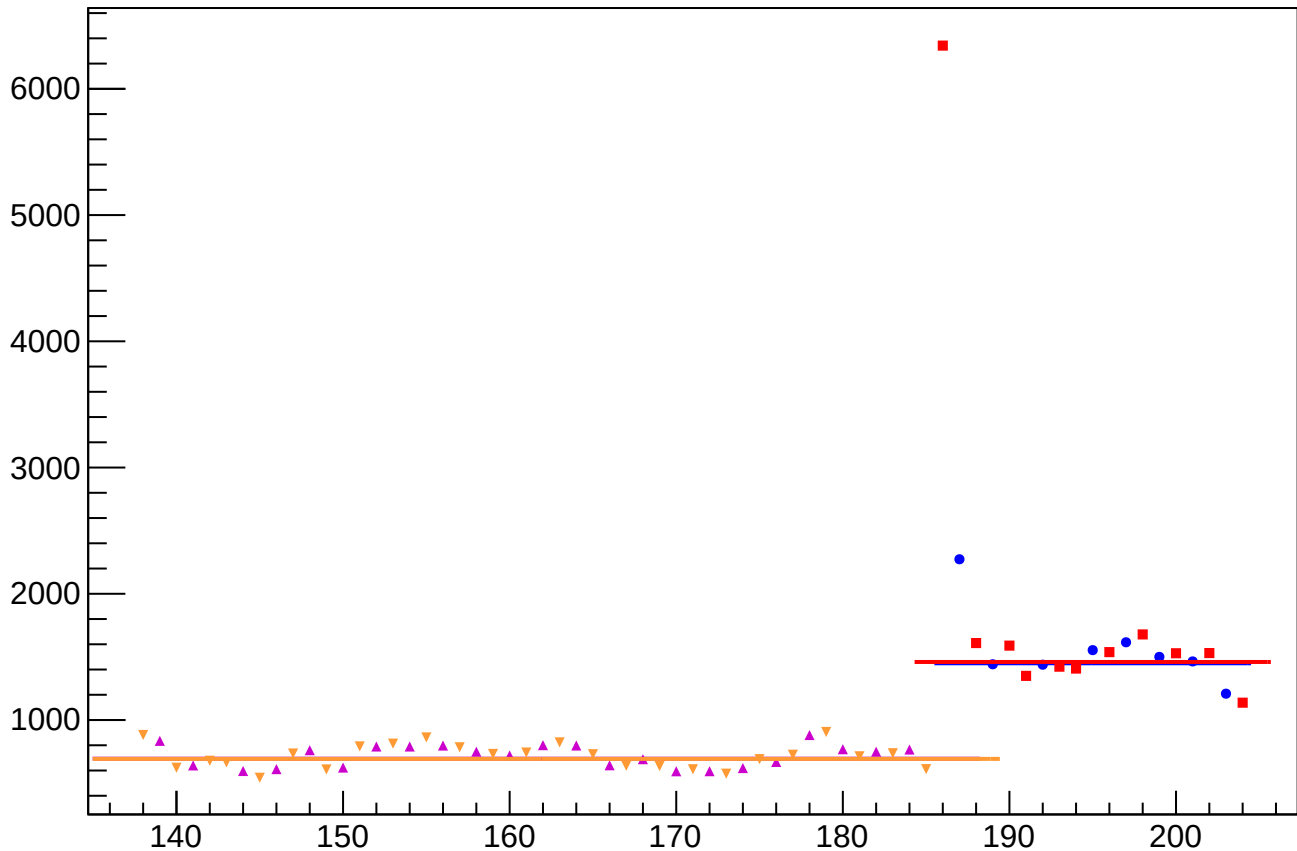
Left In: 128.120 ± 166.866 χ^2/NDF : 25.3/22

+ sign 835.951 ± 158.448 χ^2/NDF : 49.9/32

All: 513.266 ± 112.460 χ^2/NDF : 93.5/66

- sign 185.685 ± 159.645 χ^2/NDF : 35.2/33

asym_sam_1548_avg_rms vs Slug



Right In: 1449.512 $\pm$ 0.457 χ^2 /NDF: 128738.9/7

Left Out: 692.071 $\pm$ 0.116 χ^2 /NDF: 657636.6/24

Right Out: 1459.848 $\pm$ 0.388 χ^2 /NDF: 628368.7/10

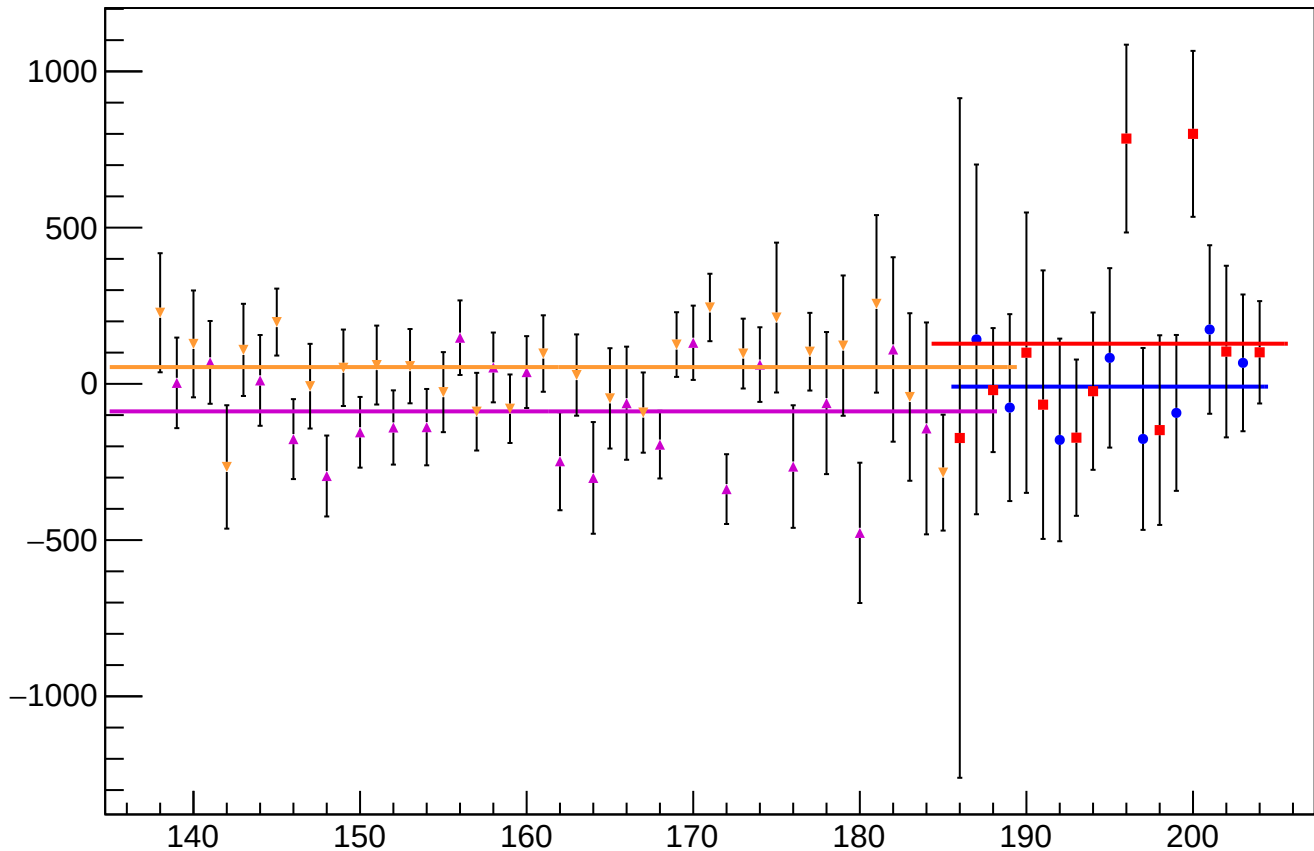
Left In: 693.615 $\pm$ 0.118 χ^2 /NDF: 520692.6/22

+ sign 737.534 $\pm$ 0.112 χ^2 /NDF: 3364980.5/32

All: 747.936 $\pm$ 0.080 χ^2 /NDF: 8102257.8/66

- sign 758.496 $\pm$ 0.113 χ^2 /NDF: 4719906.6/33

dit_asym_sam_3748_avg_mean vs Slug



Right In: -8.865 $\pm$ 100.752 χ^2/NDF : 1.5/7

Left Out: 53.701 $\pm$ 27.462 χ^2/NDF :19.2/24

Right Out: 128.527 $\pm$ 80.315 χ^2/NDF : 14.7/10

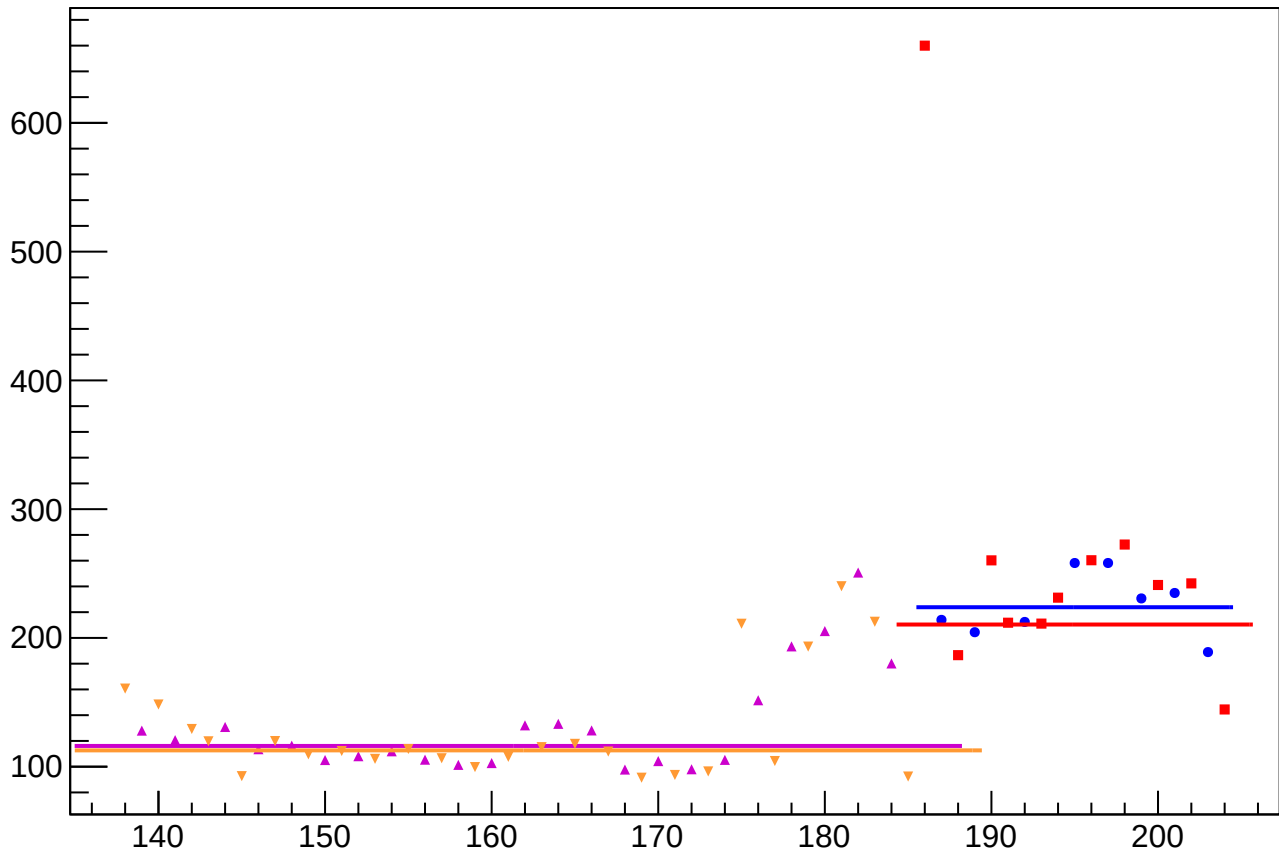
Left In: -88.085 $\pm$ 28.764 χ^2/NDF :30.4/22

+ sign 49.374 $\pm$ 26.495 χ^2/NDF : 21.1/32

All: -5.813 $\pm$ 18.938 χ^2/NDF : 81.5/66

- sign -63.460 $\pm$ 27.079 χ^2/NDF : 51.5/33

dit_asym_sam_3748_avg_rms vs Slug



Right In: 223.840 $\pm$ 0.071 χ^2 /NDF: 123535.5/7

Left Out: 112.668 $\pm$ 0.019 χ^2 /NDF:1851455.7/24

Right Out: 210.407 $\pm$ 0.057 χ^2 /NDF: 926058.1/10

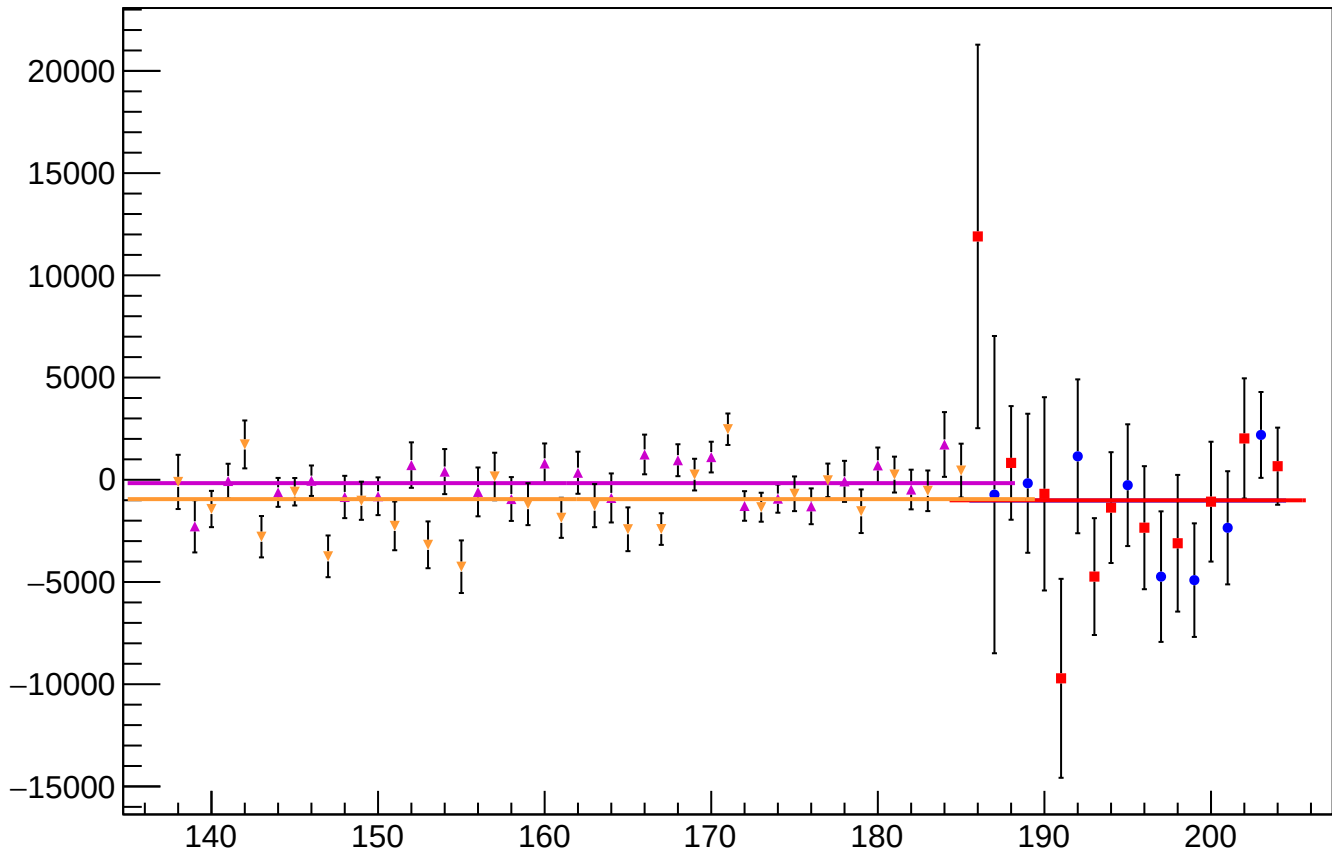
Left In: 116.108 $\pm$ 0.020 χ^2 /NDF:1438879.3/22

+ sign 120.356 $\pm$ 0.019 χ^2 /NDF: 4241664.6/32

All: 123.521 $\pm$ 0.013 χ^2 /NDF: 9108649.3/66

- sign 126.828 $\pm$ 0.019 χ^2 /NDF: 4808628.5/33

asym_sam_3748_avg_correction_mean vs Slug



Right In: -1015.820 ± 1071.276 χ^2/NDF : 6.3/7

Left Out: -946.412 ± 188.668 χ^2/NDF : 63.3/24

Right Out: -1004.438 ± 913.200 χ^2/NDF : 9.7/10

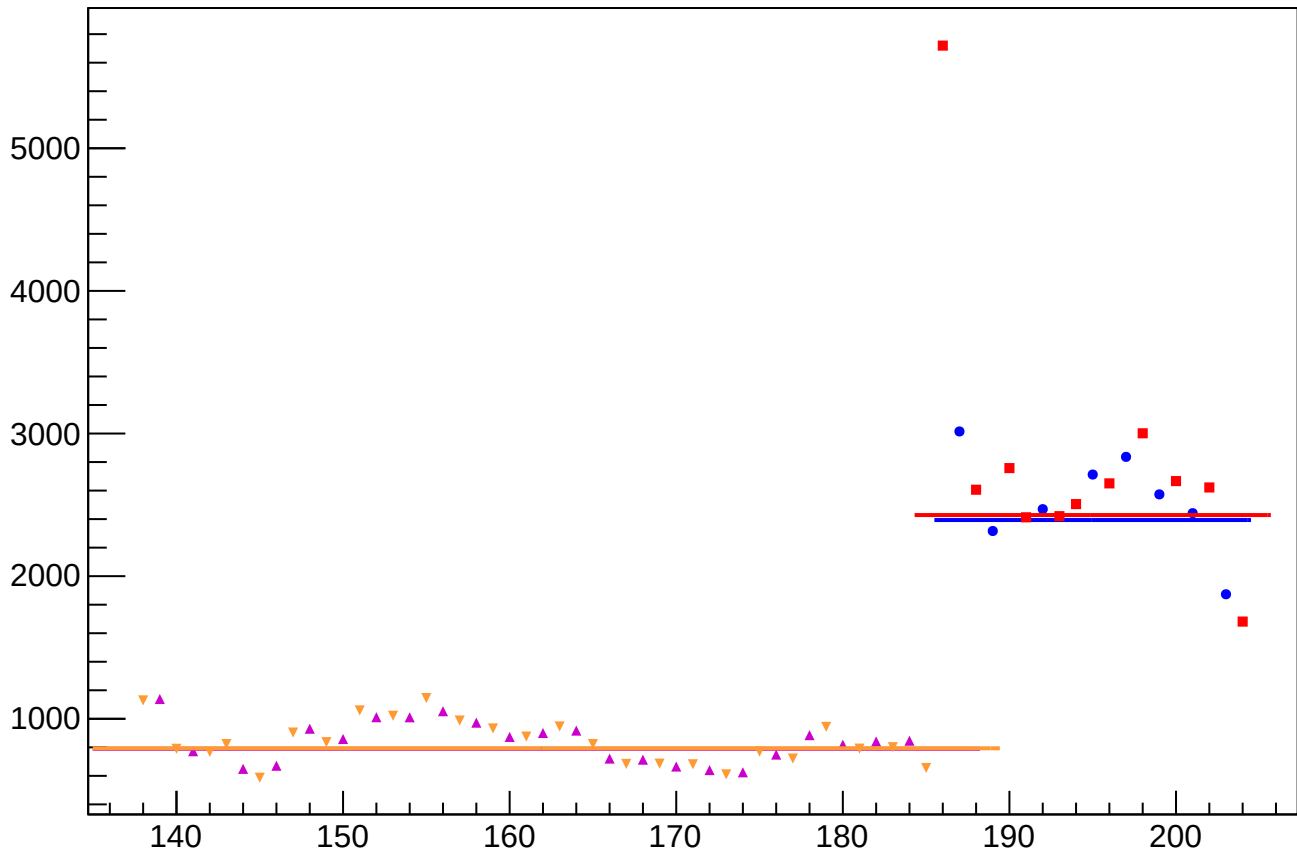
Left In: -164.202 ± 191.131 χ^2/NDF : 22.0/22

+ sign -948.500 ± 185.809 χ^2/NDF : 69.7/32

All: -576.530 ± 131.833 χ^2/NDF : 110.3/66

- sign -199.464 ± 187.077 χ^2/NDF : 32.5/33

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2393.546 $\pm$ 0.758 χ^2/NDF : 207888.3/7

Left Out: 793.154 $\pm$ 0.133 χ^2/NDF : 1158856.1/24

Right Out: 2428.489 $\pm$ 0.646 χ^2/NDF : 670655.1/10

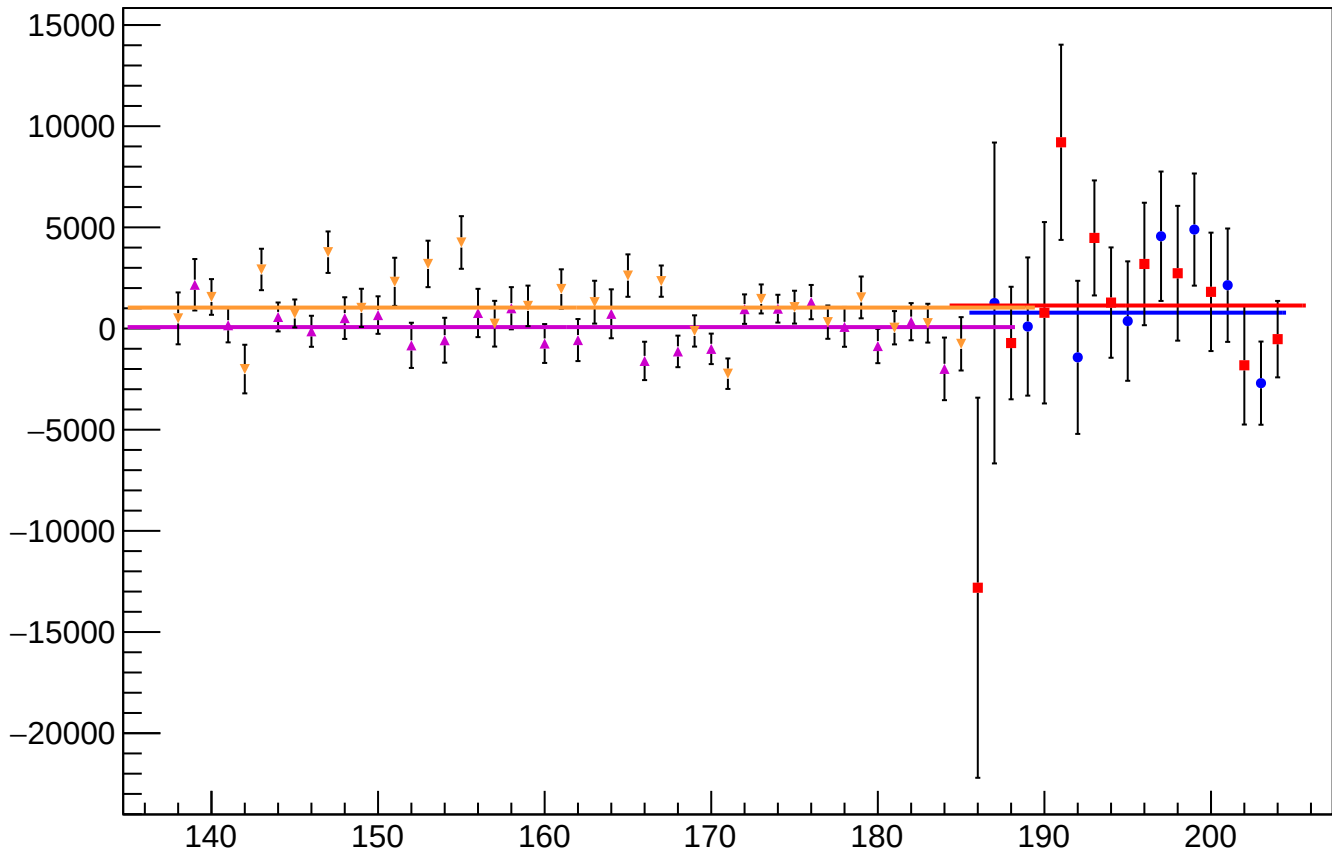
Left In: 789.699 $\pm$ 0.135 χ^2/NDF : 1019959.0/22

+ sign 841.300 $\pm$ 0.131 χ^2/NDF : 5696006.4/32

All: 849.829 $\pm$ 0.093 χ^2/NDF : 13565679.3/60

- sign 858.474 $\pm$ 0.132 χ^2/NDF : 7861187.4/33

asym_sam_3748_avg_mean vs Slug



Right In: 783.916 ± 1067.085 $\chi^2/\text{NDF}: 7.1/7$

Left Out: 1035.605 ± 187.244 $\chi^2/\text{NDF}: 61.4/24$

Right Out: 1137.732 ± 911.165 $\chi^2/\text{NDF}: 9.4/10$

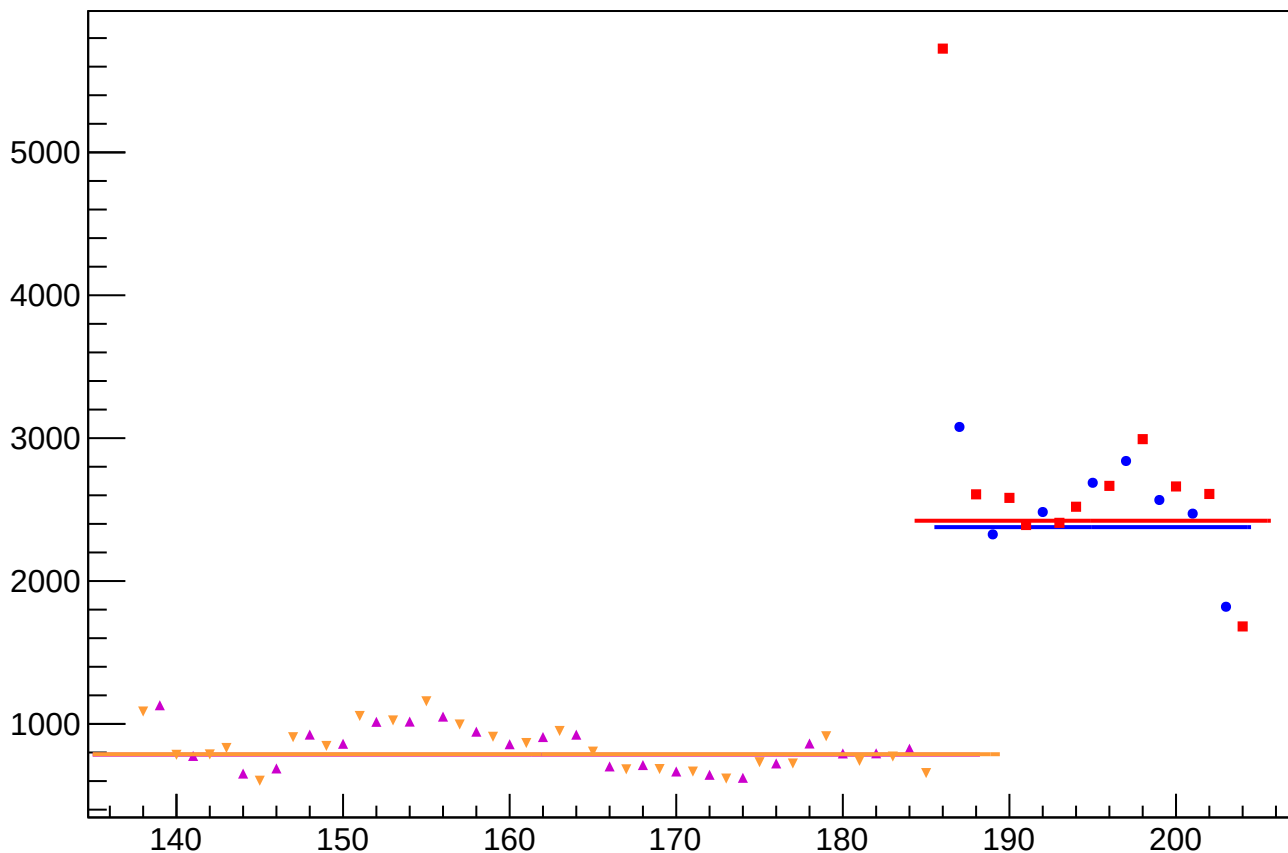
Left In: 70.852 ± 190.155 $\chi^2/\text{NDF}: 23.4/22$

+ sign 1028.087 ± 184.426 $\chi^2/\text{NDF}: 68.5/32$

All: 575.967 ± 131.012 $\chi^2/\text{NDF}: 114.7/66$

- sign 115.379 ± 186.145 $\chi^2/\text{NDF}: 34.1/33$

asym_sam_3748_avg_rms vs Slug



Right In: 2377.281 $\pm$ 0.755 χ^2/NDF : 240267.4/7

Left Out: 787.981 $\pm$ 0.132 χ^2/NDF : 1113986.0/24

Right Out: 2422.043 $\pm$ 0.644 χ^2/NDF : 661621.8/10

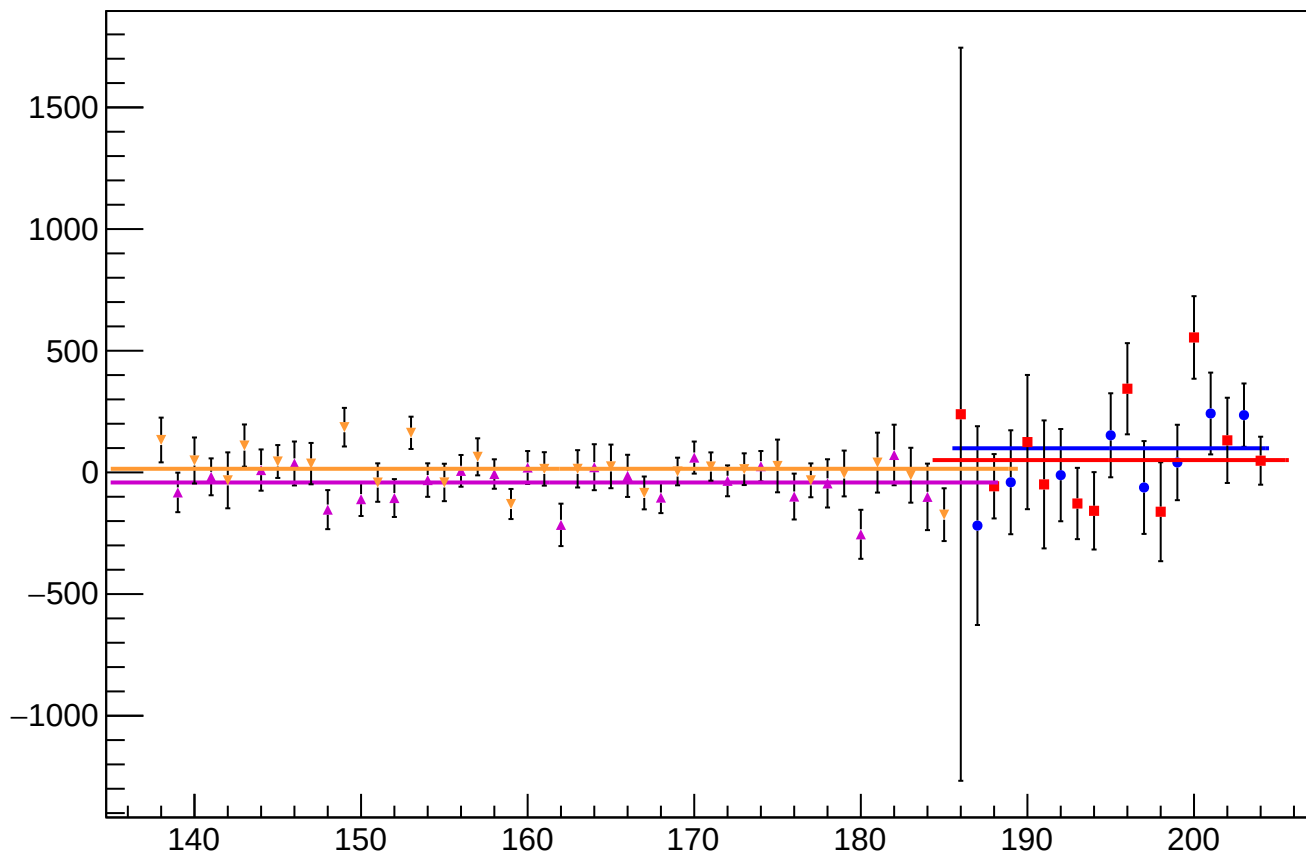
Left In: 785.179 $\pm$ 0.134 χ^2/NDF : 976942.0/22

+ sign 835.455 $\pm$ 0.130 χ^2/NDF : 5658262.8/32

All: 844.391 $\pm$ 0.093 χ^2/NDF : 13491407.7/60

- sign 853.495 $\pm$ 0.132 χ^2/NDF : 7823665.3/33

dit_asym_sam_1526_avg_mean vs Slug



Right In: 99.165 $\pm$ 62.880 χ^2 /NDF: 4.1/7

Left Out: 14.879 $\pm$ 15.529 χ^2 /NDF: 25.8/24

Right Out: 50.651 $\pm$ 50.360 χ^2 /NDF: 16.7/10

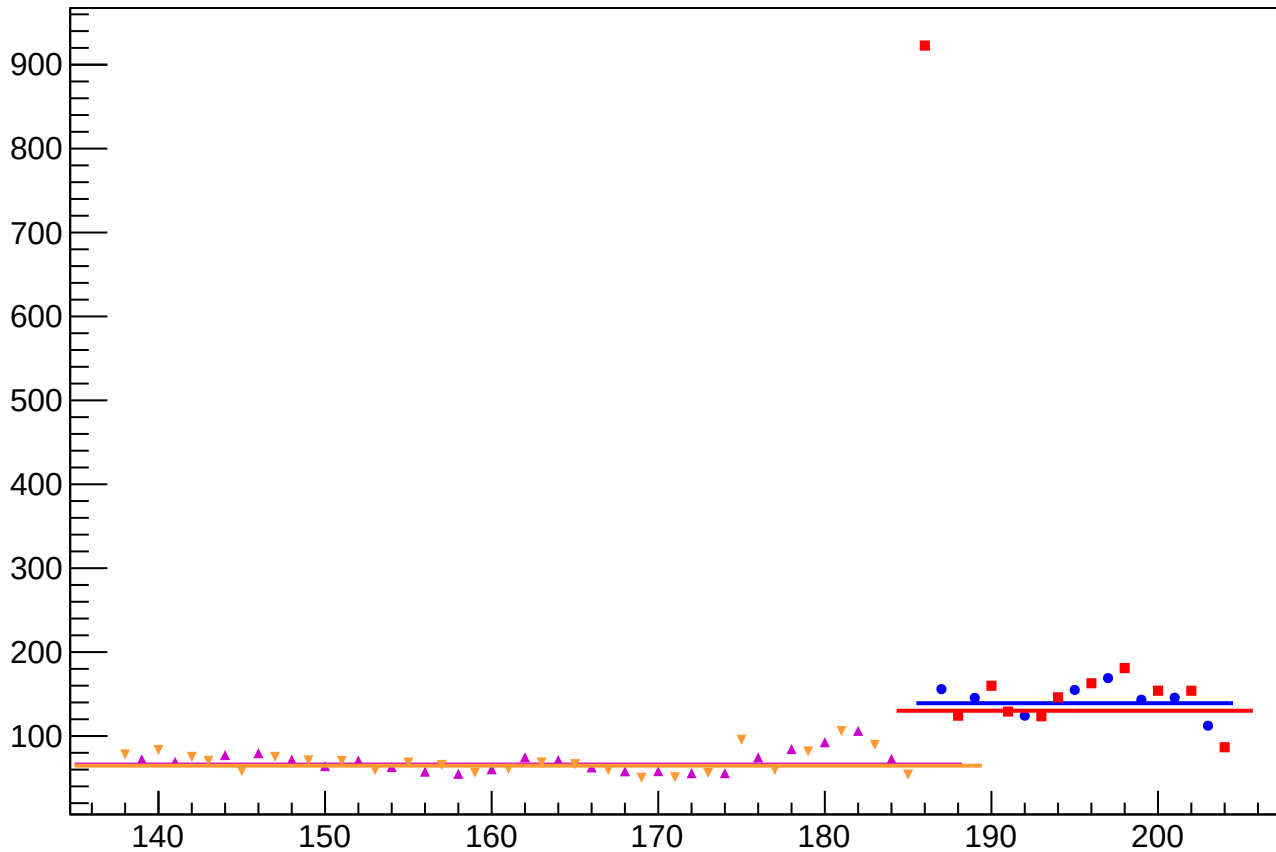
Left In: -41.428 $\pm$ 16.130 χ^2 /NDF: 21.7/22

+ sign 19.724 $\pm$ 15.076 χ^2 /NDF: 31.7/32

All: -6.075 $\pm$ 10.760 χ^2 /NDF: 79.0/66

- sign -32.861 $\pm$ 15.362 χ^2 /NDF: 41.4/33

dit_asym_sam_1526_avg_rms vs Slug



Right In: 139.110 $\pm$ 0.044 χ^2 /NDF: 172957.1/7

Left Out: 64.680 $\pm$ 0.011 χ^2 /NDF: 1150386.4/24

Right Out: 130.149 $\pm$ 0.036 χ^2 /NDF: 1258159.7/10

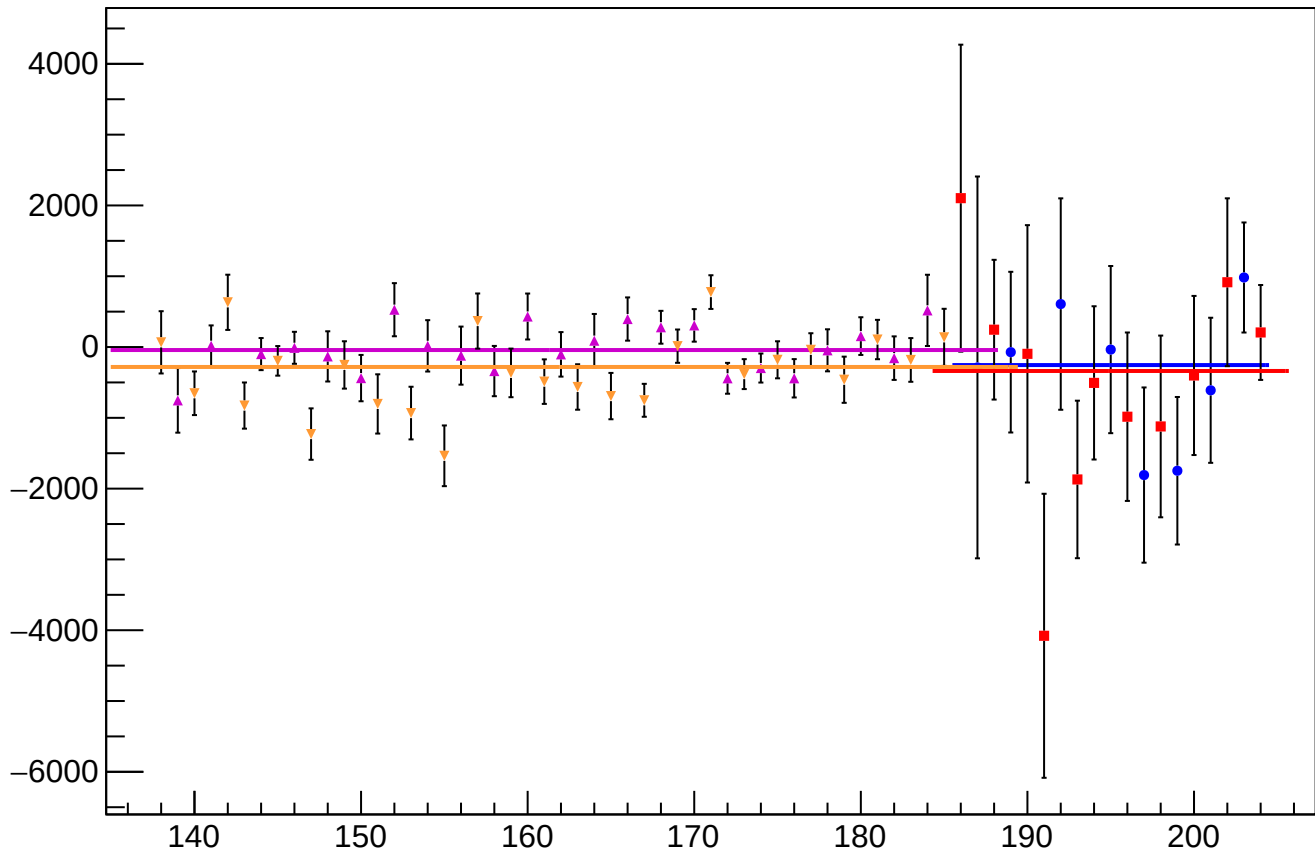
Left In: 66.016 $\pm$ 0.011 χ^2 /NDF: 868433.2/22

+ sign 68.959 $\pm$ 0.011 χ^2 /NDF: 3964497.6/32

All: 70.443 $\pm$ 0.008 χ^2 /NDF: 9072353.2/66

- sign 71.983 $\pm$ 0.011 χ^2 /NDF: 5068359.0/33

asym_sam_1526_avg_correction_mean vs Slug



Right In: -254.719+/-399.623 χ^2/NDF : 6.7/7

Left Out: -281.407+/-59.534 χ^2/NDF : 66.5/24

Right Out: -338.041+/-343.091 χ^2/NDF : 9.5/10

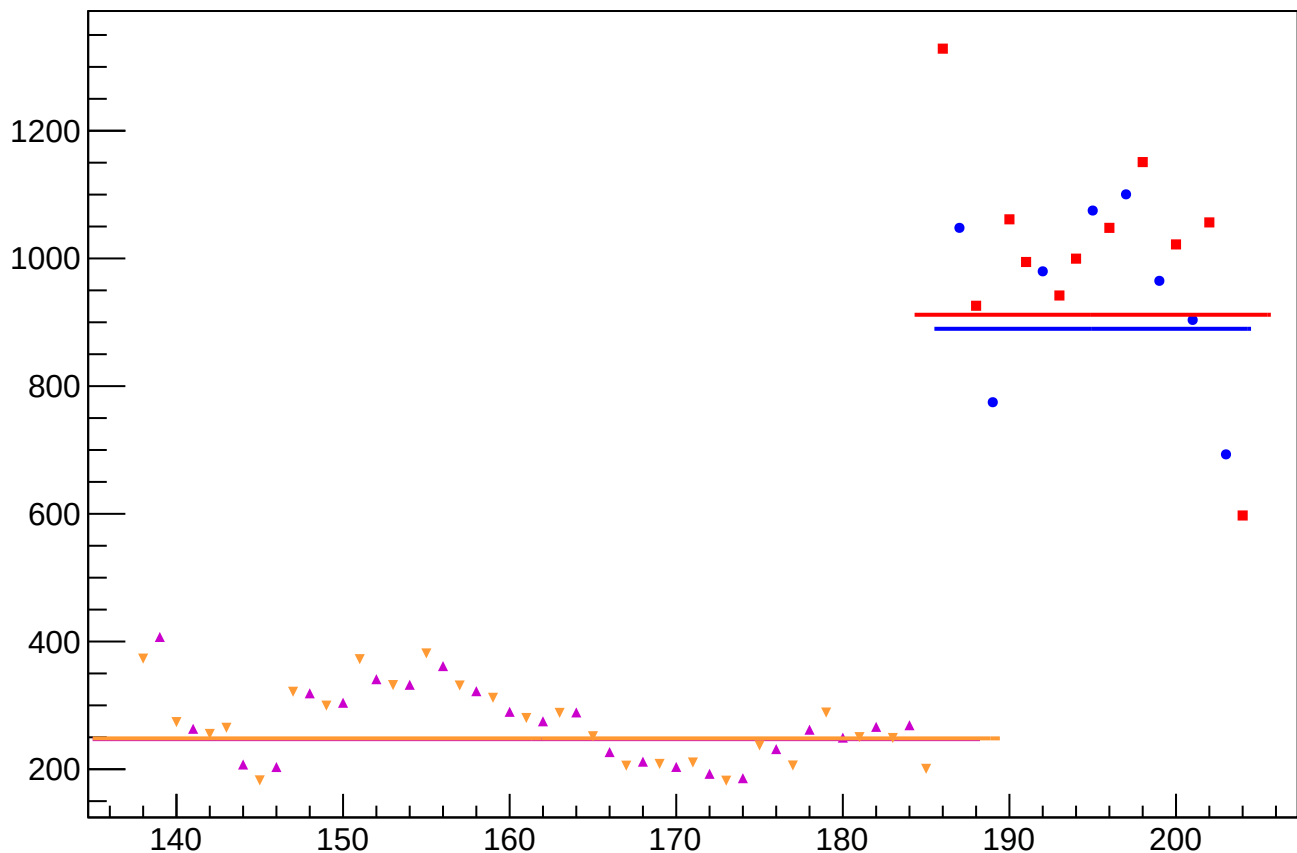
Left In: -42.368+/-60.284 χ^2/NDF : 24.7/22

+ sign -280.828+/-58.884 χ^2/NDF : 73.1/32

All: -166.977+/-41.810 χ^2/NDF : 115.6/66

- sign -51.223+/-59.374 χ^2/NDF : 34.9/33

asym_sam_1526_avg_correction_rms vs Slug



Right In: 889.815 $\pm$ 0.283 χ^2 /NDF: 280645.0/7

Left Out: 248.297 $\pm$ 0.042 χ^2 /NDF: 1687698.9/24

Right Out: 911.805 $\pm$ 0.243 χ^2 /NDF: 690553.6/10

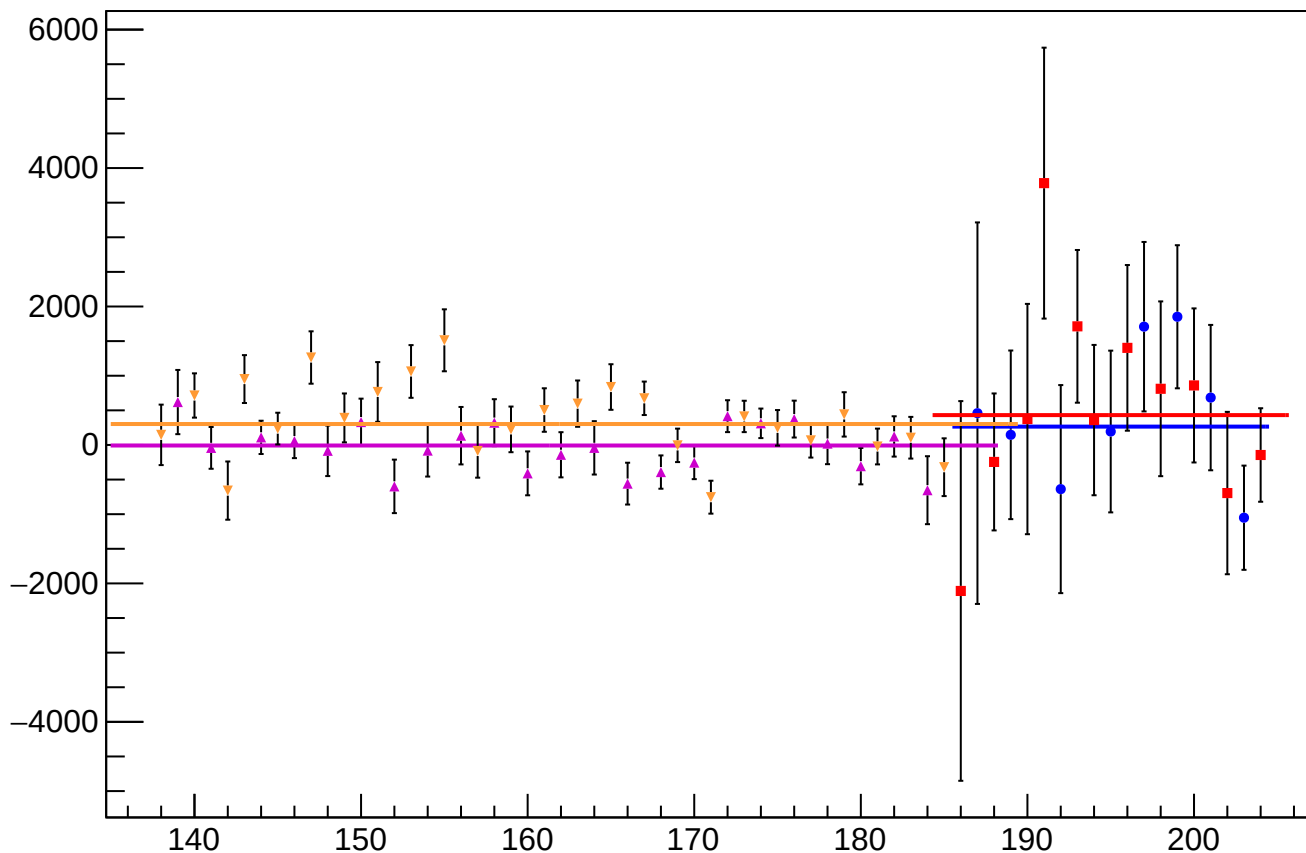
Left In: 247.105 $\pm$ 0.043 χ^2 /NDF: 1539330.1/22

+ sign 262.225 $\pm$ 0.042 χ^2 /NDF: 7010473.3/32

All: 264.599 $\pm$ 0.030 χ^2 /NDF: 16529041.3/60

- sign 267.013 $\pm$ 0.042 χ^2 /NDF: 9512012.8/33

asym_sam_1526_avg_mean vs Slug



Right In: 265.047 ± 399.769 χ^2/NDF : 7.3/7

Left Out: 302.420 ± 60.991 χ^2/NDF : 63.8/24

Right Out: 431.213 ± 343.006 χ^2/NDF : 8.2/10

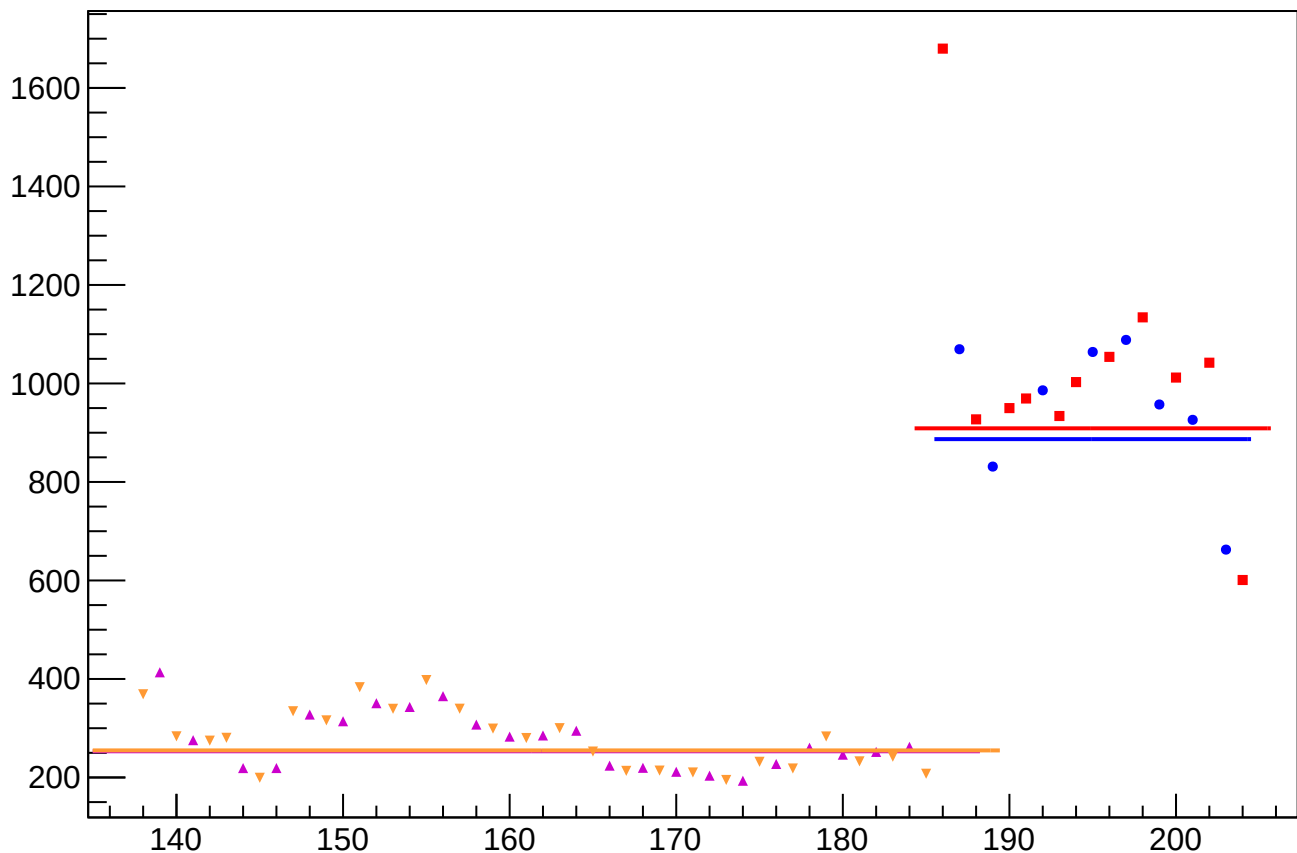
Left In: -7.915 ± 61.726 χ^2/NDF : 26.3/22

+ sign 301.570 ± 60.293 χ^2/NDF : 71.2/32

All: 154.831 ± 42.794 χ^2/NDF : 119.2/66

- sign 5.860 ± 60.750 χ^2/NDF : 36.0/33

asym_sam_1526_avg_rms vs Slug



Right In: 886.961+/-0.283 χ^2/NDF : 311418.7/7

Left Out: 254.937+/-0.043 χ^2/NDF :1541708.7/24

Right Out: 908.878+/-0.243 χ^2/NDF : 729653.8/10

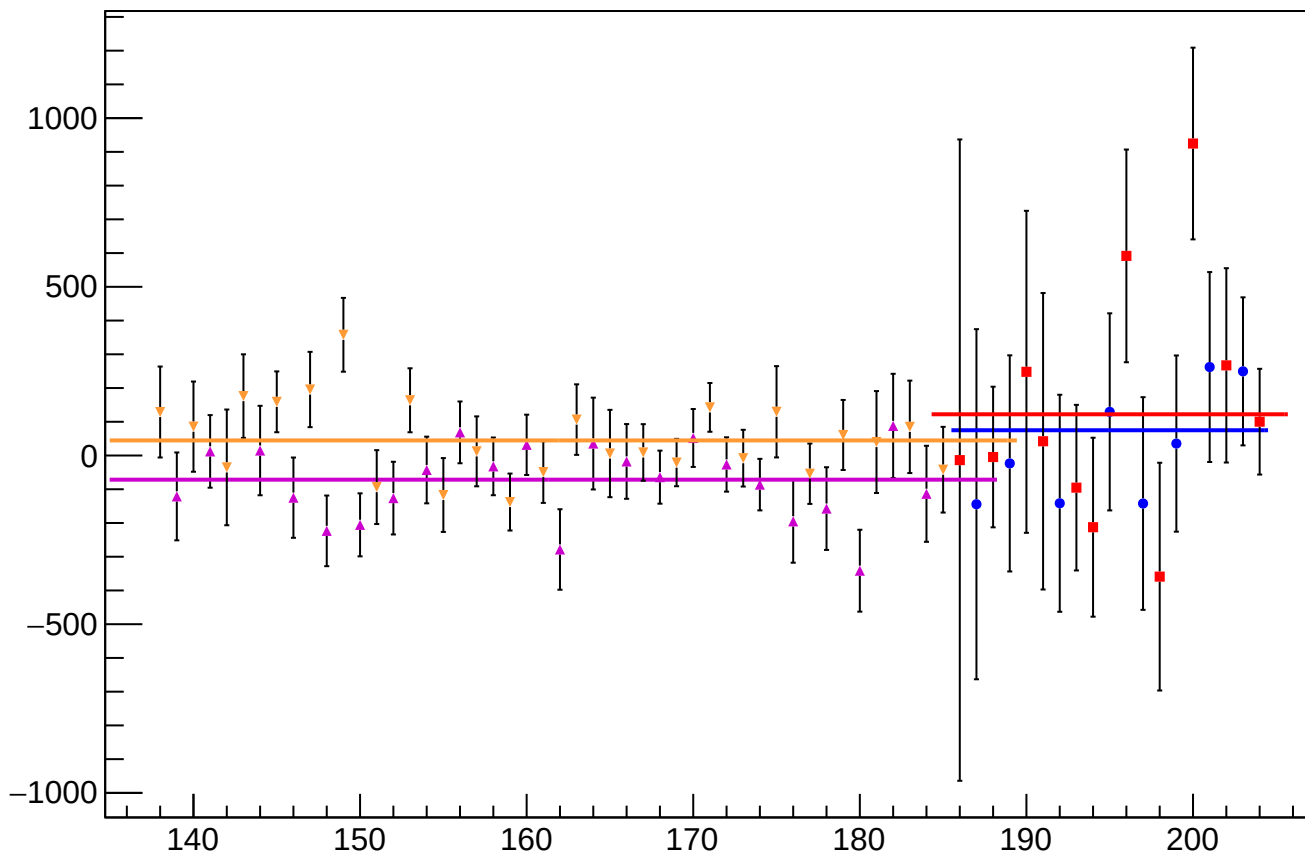
Left In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

+ sign 269.314+/-0.043 χ^2/NDF : 6738356.1/32

All: 271.509+/-0.030 χ^2/NDF : 15919432.4/60

- sign 273.738+/-0.043 χ^2/NDF : 9175731.7/33

dit_asym_sam_3726_avg_mean vs Slug



Right In: 74.887 ± 103.713 $\chi^2/\text{NDF}: 2.3/7$

Left Out: 44.746 ± 20.460 $\chi^2/\text{NDF}: 30.5/24$

Right Out: 122.200 ± 82.055 $\chi^2/\text{NDF}: 15.4/10$

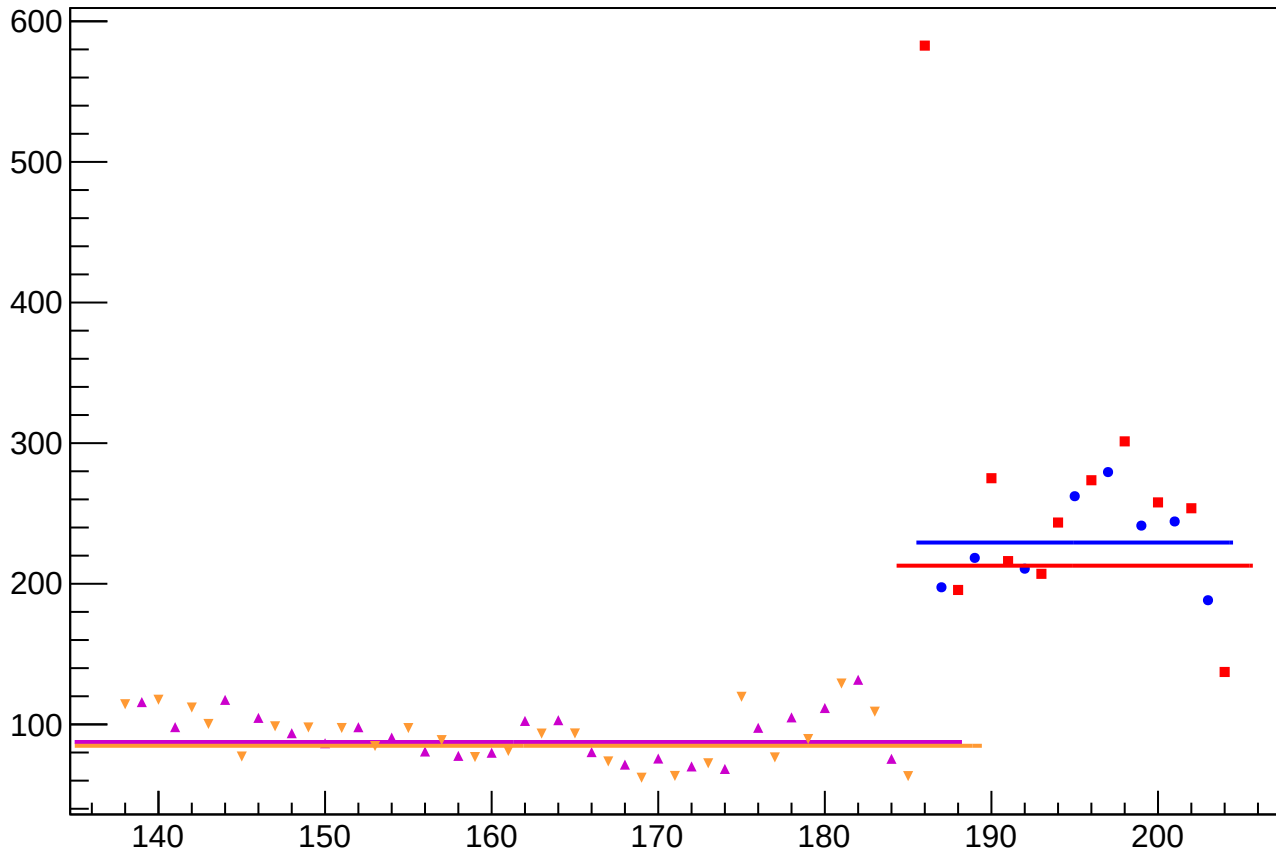
Left In: -71.620 ± 21.469 $\chi^2/\text{NDF}: 23.7/22$

+ sign 45.875 ± 20.073 $\chi^2/\text{NDF}: 33.0/32$

All: -4.871 ± 14.434 $\chi^2/\text{NDF}: 90.5/66$

- sign -59.202 ± 20.770 $\chi^2/\text{NDF}: 44.3/33$

dit_asym_sam_3726_avg_rms vs Slug



Right In: 229.323 $\pm$ 0.073 χ^2 /NDF: 172316.8/7

Left Out: 84.793 $\pm$ 0.014 χ^2 /NDF:1382881.3/24

Right Out: 212.871 $\pm$ 0.058 χ^2 /NDF: 1145658.5/10

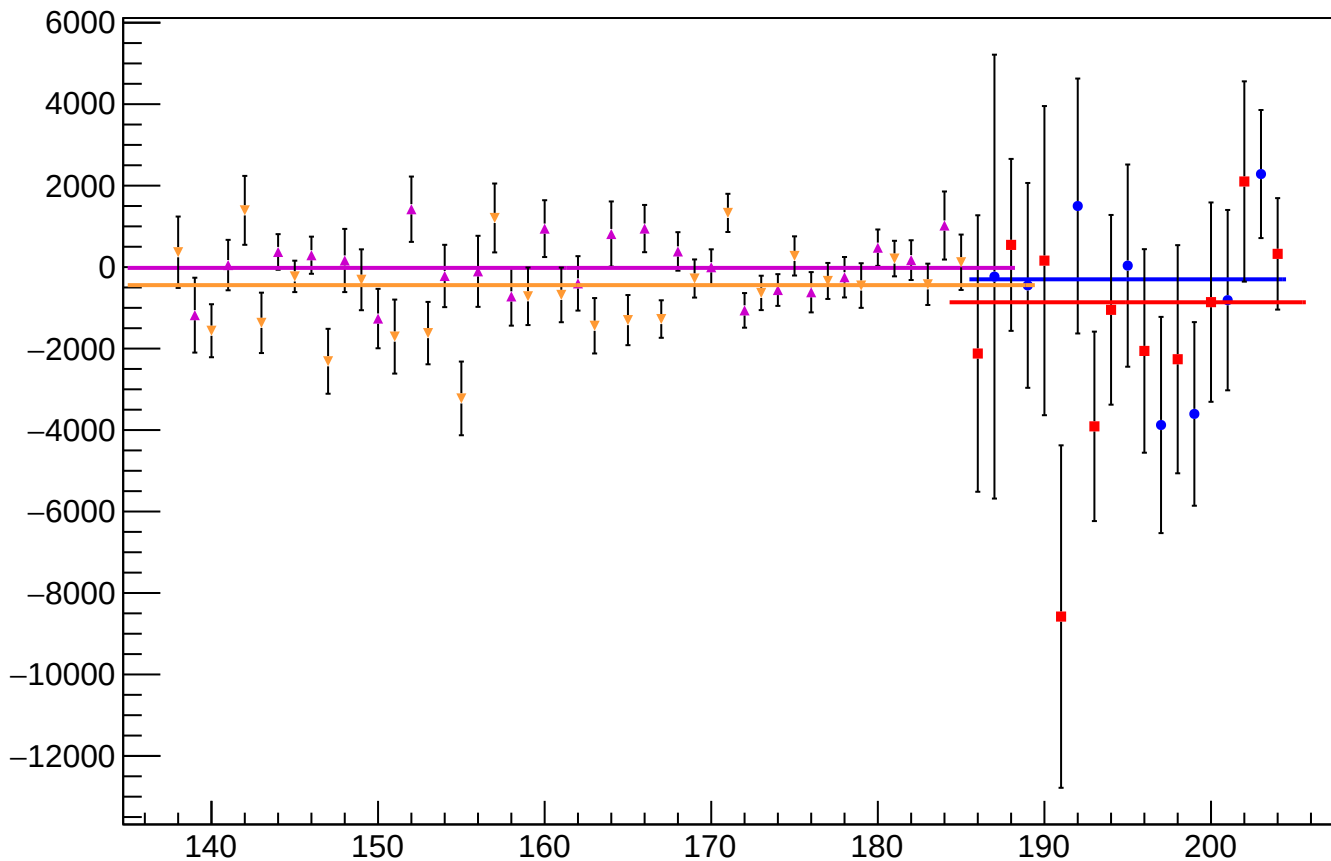
Left In: 87.477 $\pm$ 0.015 χ^2 /NDF:1056450.2/22

+ sign 90.207 $\pm$ 0.014 χ^2 /NDF: 5293758.0/32

All: 92.768 $\pm$ 0.010 χ^2 /NDF: 11934720.0/66

- sign 95.511 $\pm$ 0.015 χ^2 /NDF: 6573506.7/33

asym_sam_3726_avg_correction_mean vs Slug



Right In: -299.552 $\pm$ 844.007 χ^2/NDF : 7.1/7

Left Out: -442.284 $\pm$ 115.425 χ^2/NDF : 60.9/24

Right Out: -863.091 $\pm$ 714.107 χ^2/NDF : 8.4/10

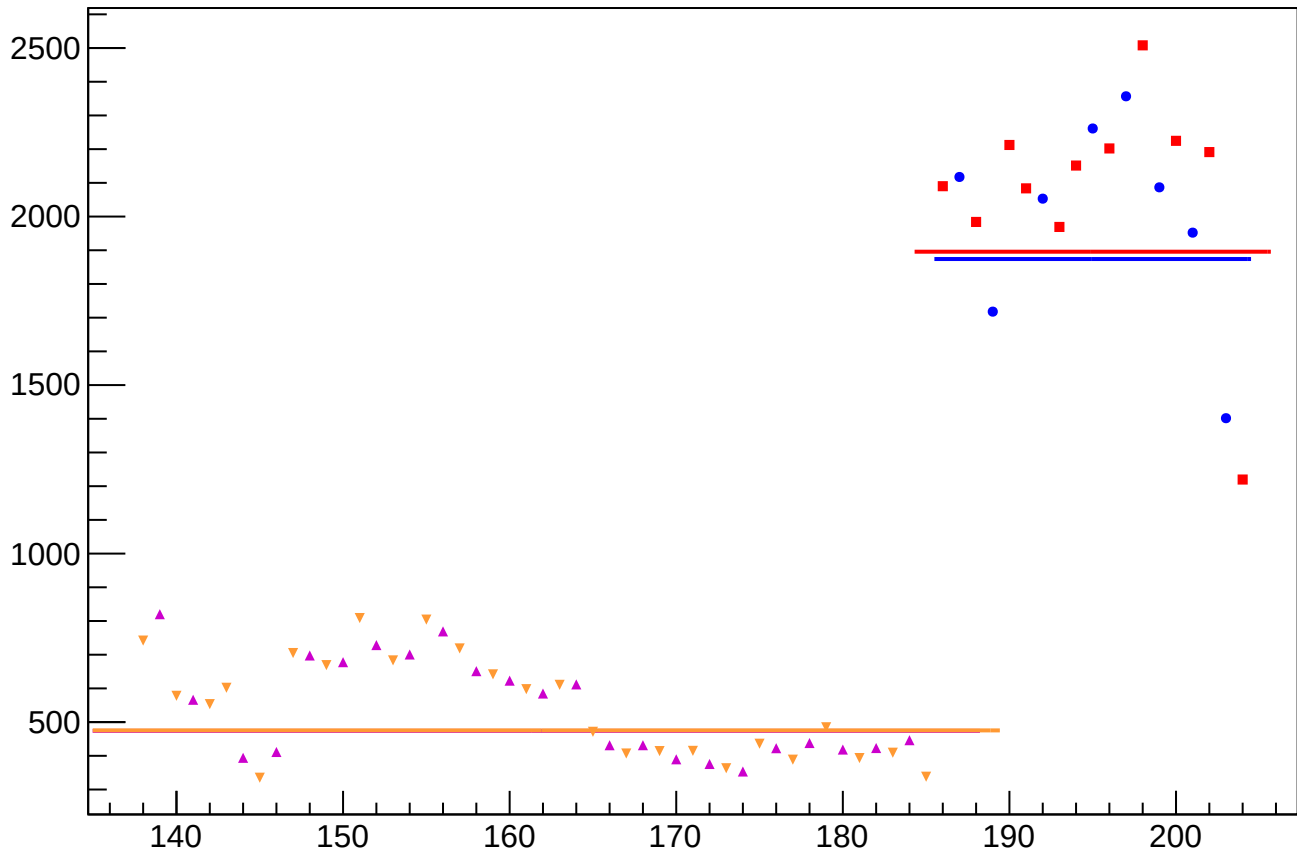
Left In: -19.322 $\pm$ 116.820 χ^2/NDF : 29.5/22

+ sign -439.664 $\pm$ 114.360 χ^2/NDF : 68.0/32

All: -242.098 $\pm$ 81.191 χ^2/NDF : 113.3/66

- sign -41.314 $\pm$ 115.288 χ^2/NDF : 39.3/33

asym_sam_3726_avg_correction_rms vs Slug



Right In: 1874.000 $\pm$ 0.597 χ^2 /NDF: 333926.8/7

Left Out: 475.415 $\pm$ 0.082 χ^2 /NDF:2509706.1/24

Right Out: 1895.734 $\pm$ 0.505 χ^2 /NDF: 732929.9/10

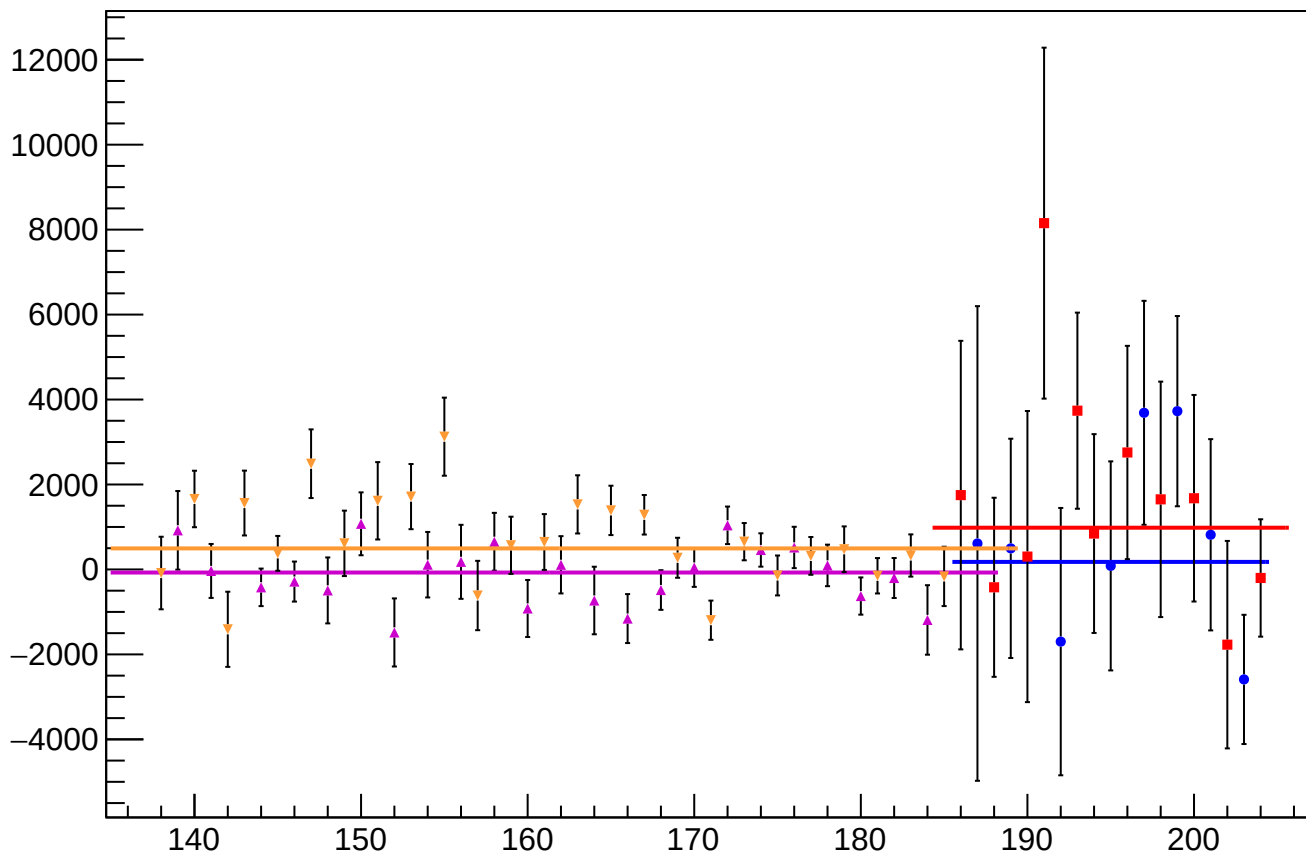
Left In: 473.947 $\pm$ 0.083 χ^2 /NDF:2174476.6/22

+ sign 501.092 $\pm$ 0.081 χ^2 /NDF: 8234614.5/32

All: 506.008 $\pm$ 0.057 χ^2 /NDF: 18870989.7/60

- sign 511.004 $\pm$ 0.082 χ^2 /NDF: 10628924.1/33

asym_sam_3726_avg_mean vs Slug



Right In: 177.605 $\pm$ 838.865 χ^2 /NDF: 8.1/7

Left Out: 495.259 $\pm$ 115.521 χ^2 /NDF:57.2/24

Right Out: 982.663 $\pm$ 713.477 χ^2 /NDF: 7.6/10

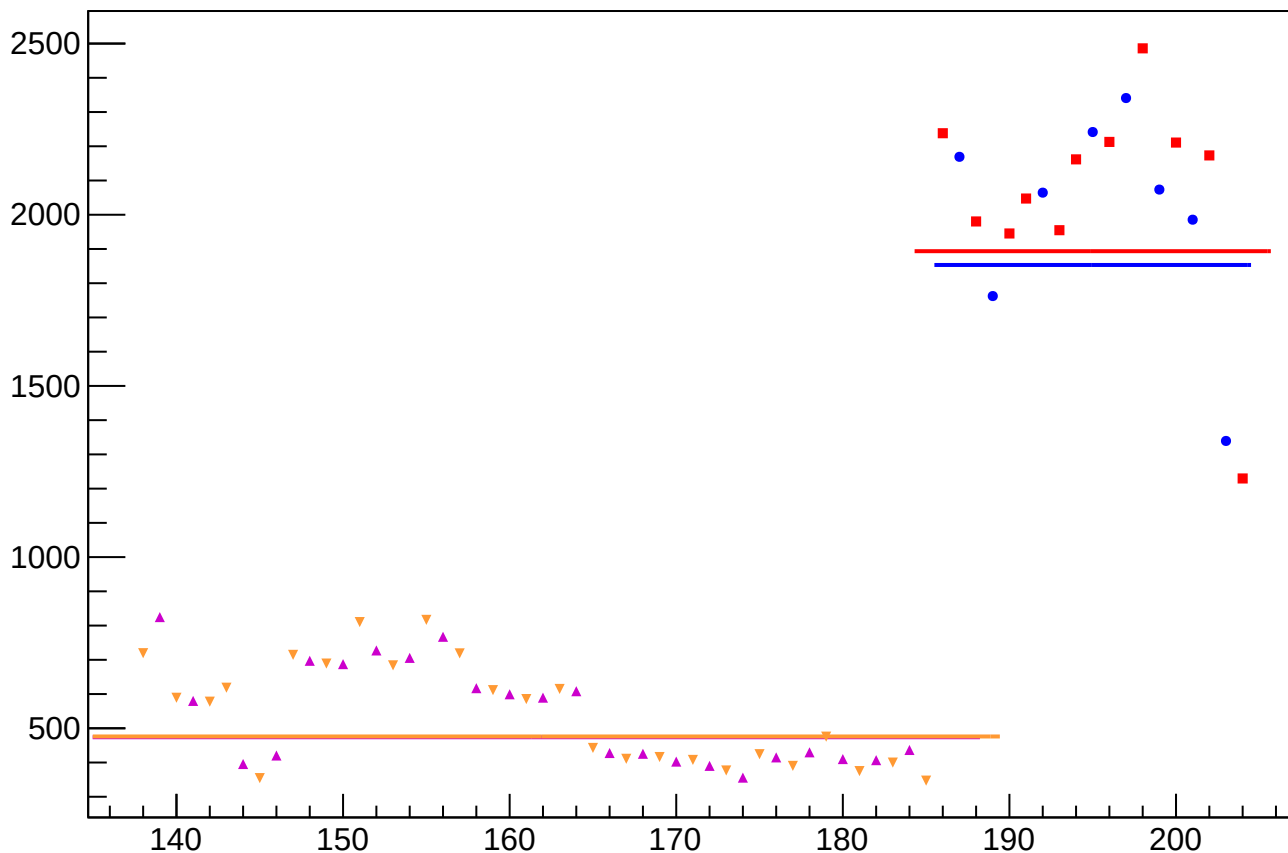
Left In: -72.627 $\pm$ 116.927 χ^2 /NDF:29.1/22

+ sign 489.347 $\pm$ 114.441 χ^2 /NDF: 65.4/32

All: 224.362 $\pm$ 81.255 χ^2 /NDF: 115.0/66

- sign -45.026 $\pm$ 115.388 χ^2 /NDF: 38.8/33

asym_sam_3726_avg_rms vs Slug



Right In: 1853.306 $\pm$ 0.593 χ^2 /NDF: 390707.8/7

Left Out: 476.057 $\pm$ 0.082 χ^2 /NDF: 2461838.6/24

Right Out: 1893.565 $\pm$ 0.505 χ^2 /NDF: 698175.1/10

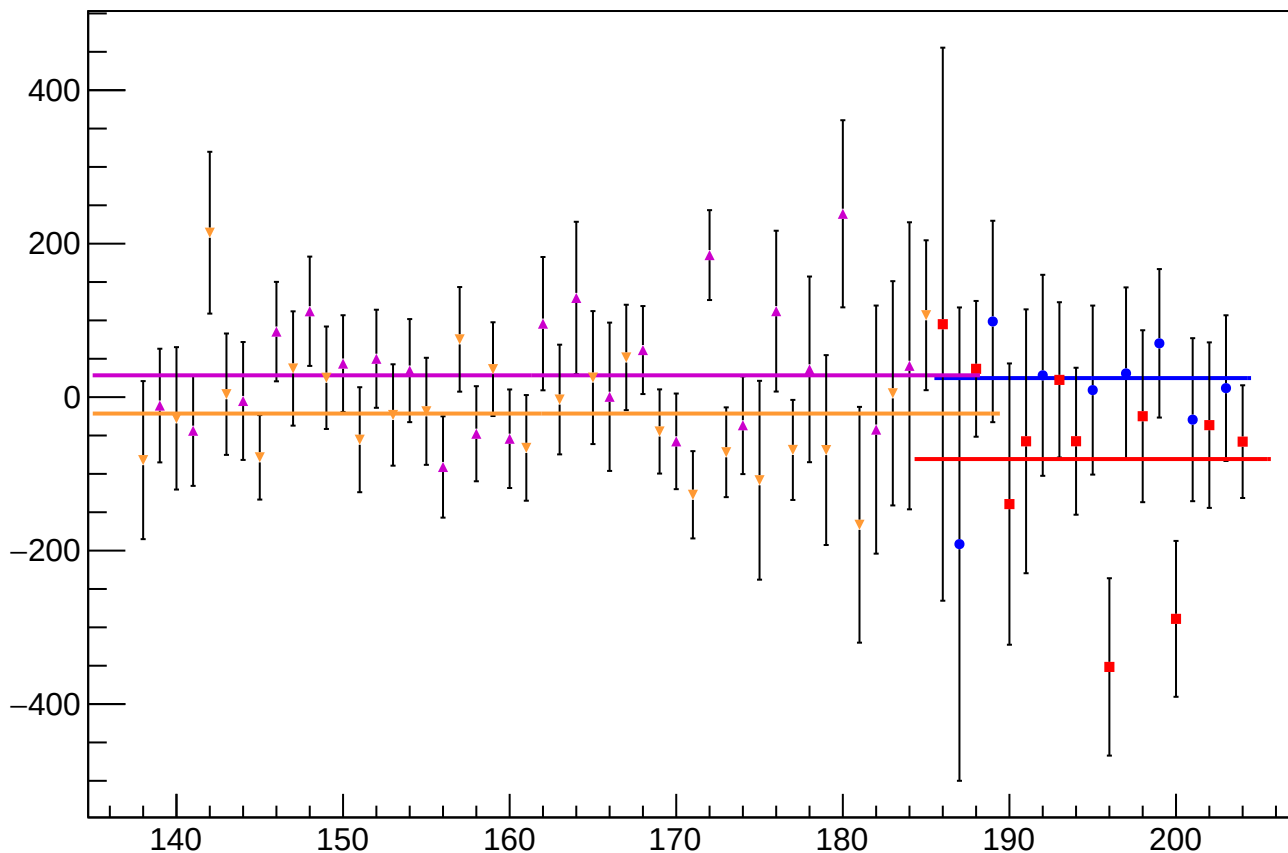
Left In: 473.824 $\pm$ 0.083 χ^2 /NDF: 2113753.1/22

+ sign 501.689 $\pm$ 0.081 χ^2 /NDF: 8143233.9/32

All: 506.285 $\pm$ 0.057 χ^2 /NDF: 18673877.1/60

- sign 510.958 $\pm$ 0.082 χ^2 /NDF: 10524138.5/33

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 24.828 $\pm$ 40.984 χ^2 /NDF: 1.3/7

Left Out: -21.397 $\pm$ 14.800 χ^2 /NDF:20.9/24

Right Out: -80.686 $\pm$ 32.817 χ^2 /NDF: 13.4/10

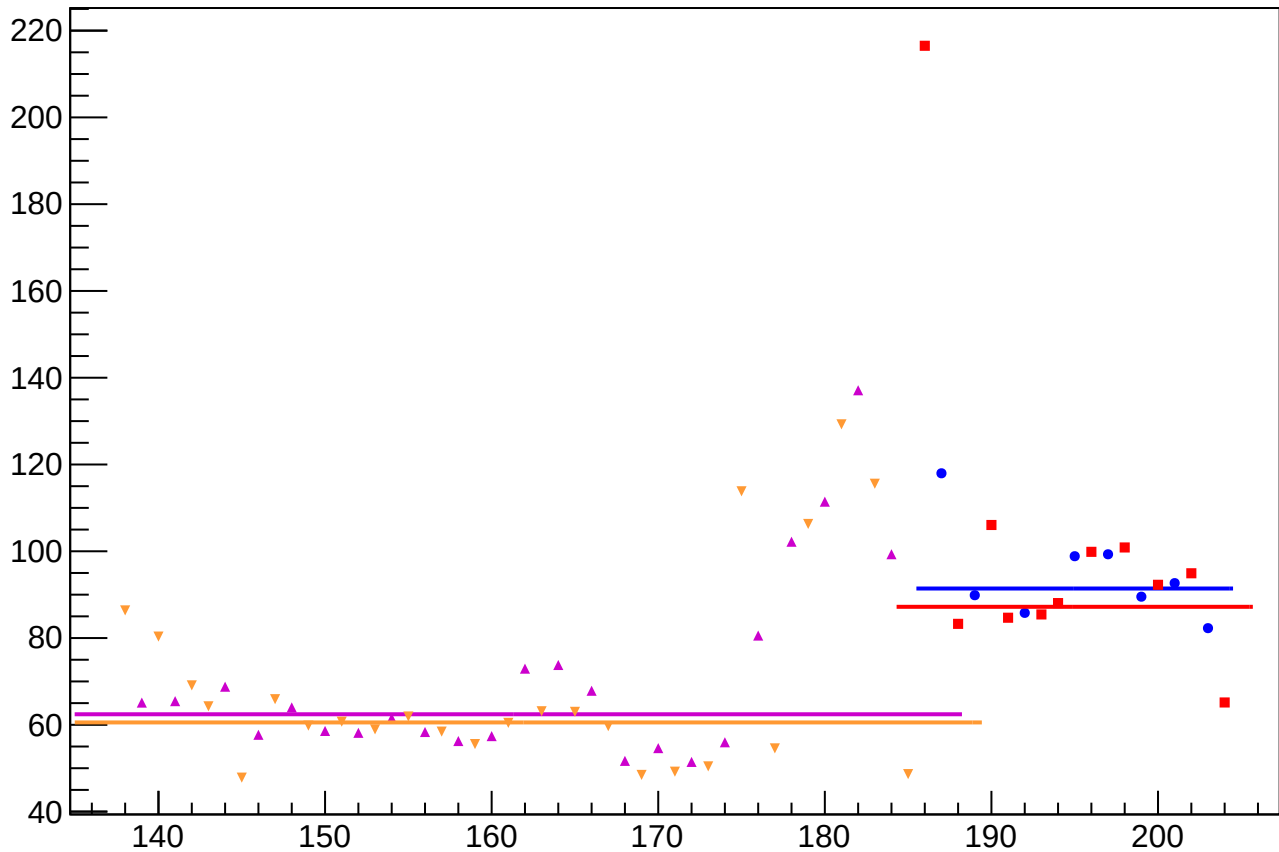
Left In: 28.435 $\pm$ 15.494 χ^2 /NDF:26.2/22

+ sign -16.065 $\pm$ 13.920 χ^2 /NDF: 23.3/32

All: -3.840 $\pm$ 9.875 χ^2 /NDF: 73.6/66

- sign 8.546 $\pm$ 14.011 χ^2 /NDF: 48.7/33

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 91.417 ± 0.029 χ^2/NDF : 57389.0/7

Left Out: 60.551 ± 0.010 χ^2/NDF : 1951663.1/24

Right Out: 87.201 ± 0.023 χ^2/NDF : 533135.7/10

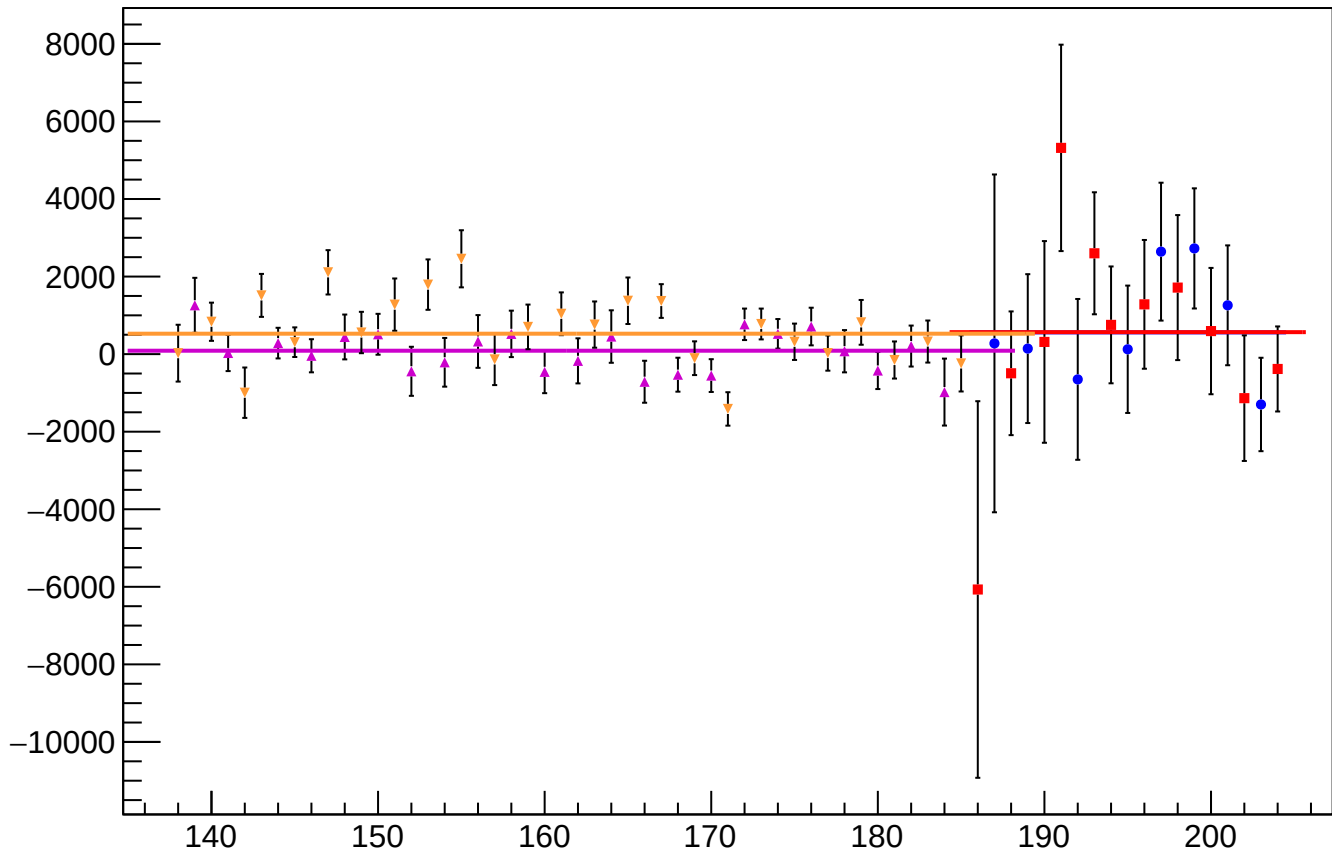
Left In: 62.435 ± 0.011 χ^2/NDF : 1445748.2/22

+ sign 64.111 ± 0.010 χ^2/NDF : 3012577.7/32

All: 65.521 ± 0.007 χ^2/NDF : 5964198.7/66

- sign 66.949 ± 0.010 χ^2/NDF : 2910343.8/33

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 560.542 $\pm$ 600.986 χ^2/NDF : 6.4/7

Left Out: 526.705 $\pm$ 105.414 χ^2/NDF : 65.0/24

Right Out: 566.708 $\pm$ 512.442 χ^2/NDF : 9.6/10

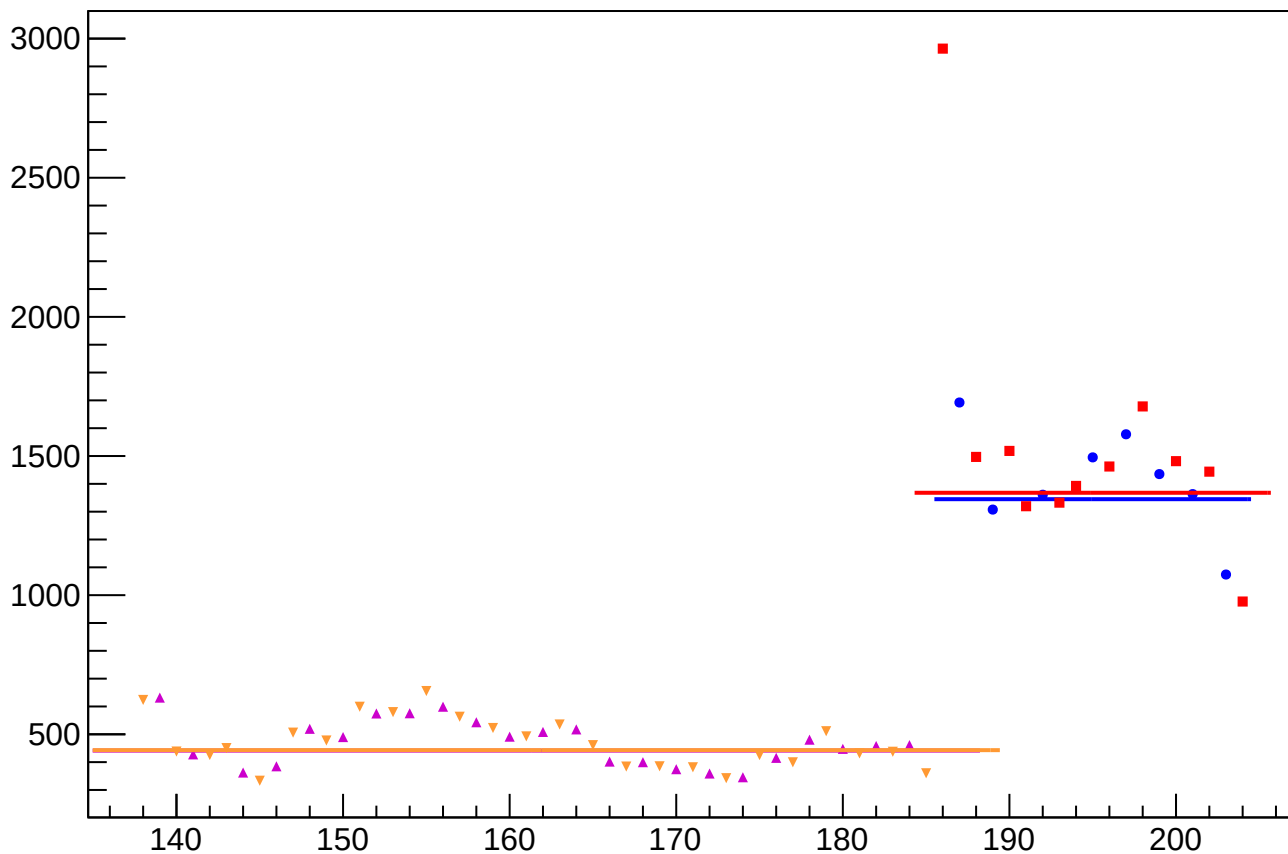
Left In: 87.989 $\pm$ 106.843 χ^2/NDF : 22.1/22

+ sign 527.715 $\pm$ 103.829 χ^2/NDF : 71.4/32

All: 319.363 $\pm$ 73.687 χ^2/NDF : 112.1/66

- sign 107.933 $\pm$ 104.593 χ^2/NDF : 32.6/33

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1344.881 $\pm$ 0.425 χ^2 /NDF: 172890.3/7

Left Out: 443.031 $\pm$ 0.075 χ^2 /NDF: 1171662.6/24

Right Out: 1367.939 $\pm$ 0.362 χ^2 /NDF: 567764.6/10

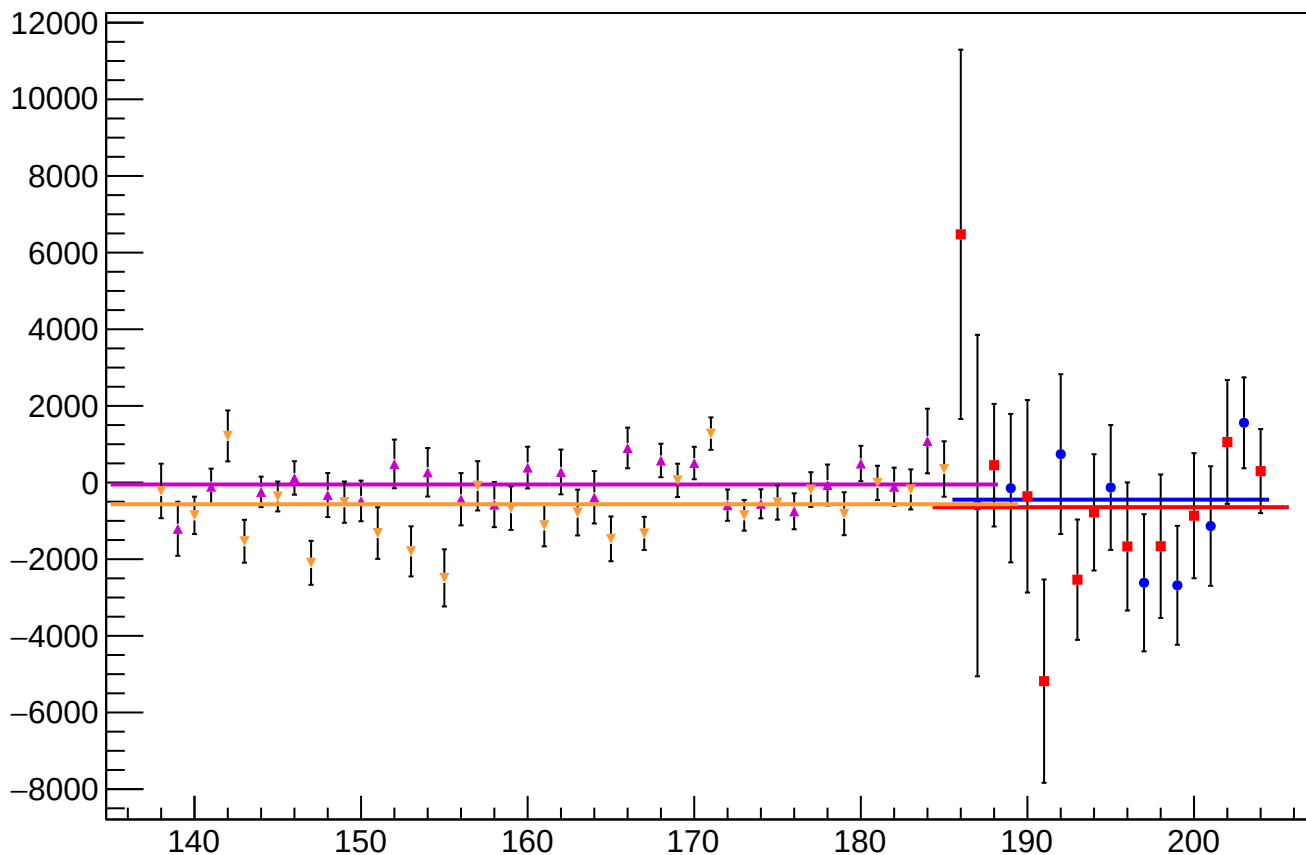
Left In: 441.359 $\pm$ 0.076 χ^2 /NDF: 1035839.5/22

+ sign 469.949 $\pm$ 0.073 χ^2 /NDF: 5713831.4/32

All: 474.918 $\pm$ 0.052 χ^2 /NDF: 13593169.7/60

- sign 479.960 $\pm$ 0.074 χ^2 /NDF: 7870110.4/33

asym_sam_15_48_dd_mean vs Slug



Right In: -445.766 ± 600.522 χ^2/NDF : 7.0/7

Left Out: -565.545 ± 104.460 χ^2/NDF : 62.9/24

Right Out: -642.539 ± 512.538 χ^2/NDF : 9.6/10

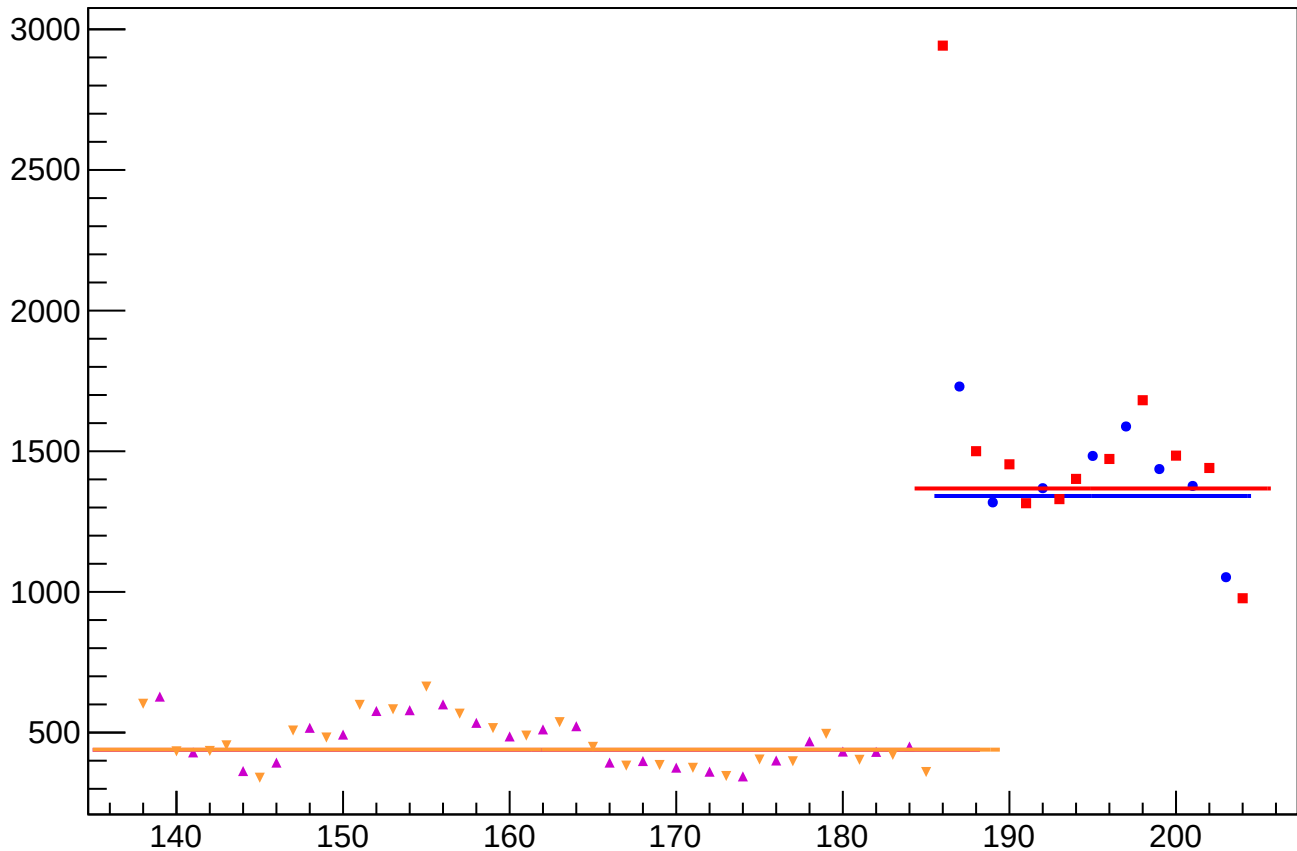
Left In: -50.387 ± 106.218 χ^2/NDF : 23.3/22

+ sign -562.027 ± 102.915 χ^2/NDF : 70.0/32

All: -320.973 ± 73.155 χ^2/NDF : 115.2/66

- sign -74.772 ± 104.008 χ^2/NDF : 34.1/33

asym_sam_15_48_dd_rms vs Slug



Right In: 1341.000 ± 0.425 $\chi^2/\text{NDF}: 196477.2/7$

Left Out: 439.314 ± 0.074 $\chi^2/\text{NDF}: 1164031.3/24$

Right Out: 1367.712 ± 0.362 $\chi^2/\text{NDF}: 563658.8/10$

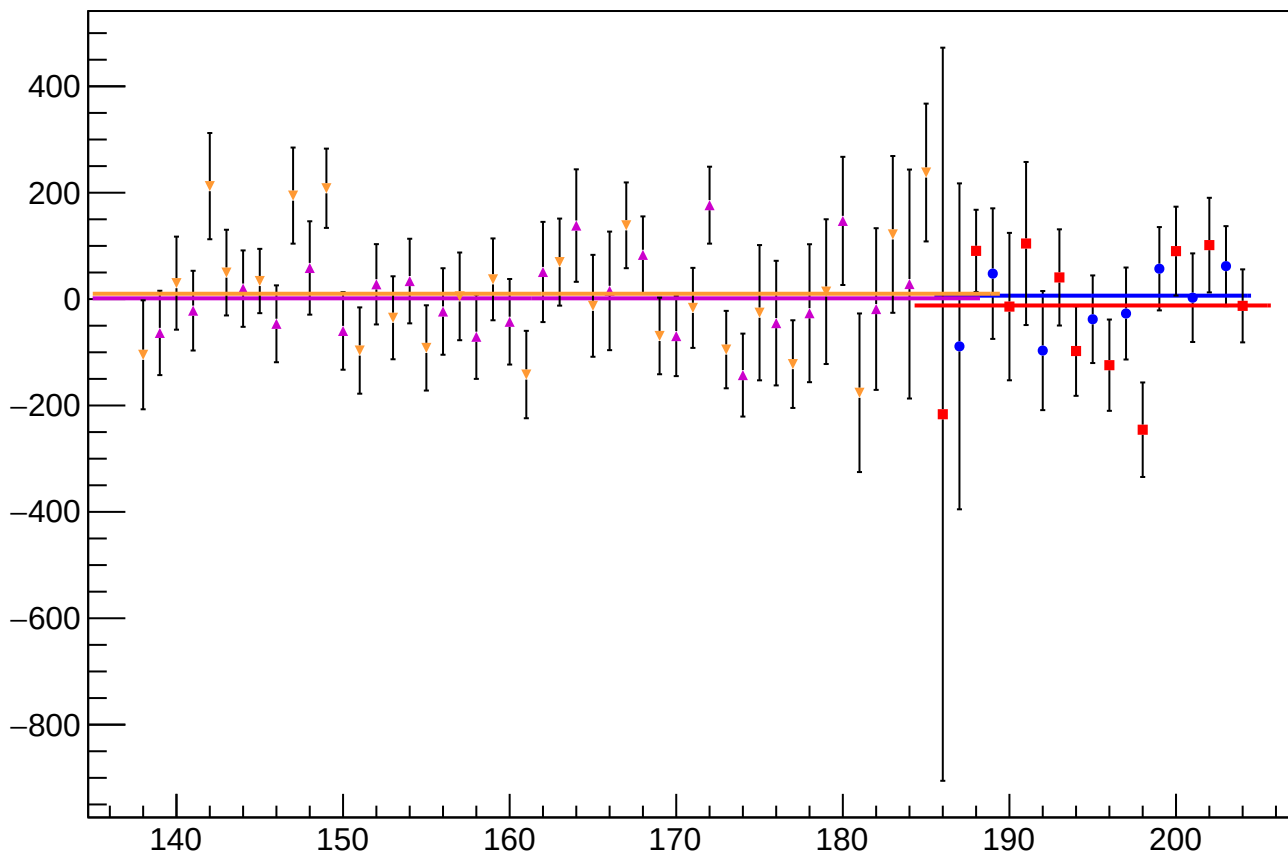
Left In: 438.365 ± 0.075 $\chi^2/\text{NDF}: 1024661.1/22$

+ sign 465.796 ± 0.073 $\chi^2/\text{NDF}: 5737103.7/32$

All: 471.158 ± 0.052 $\chi^2/\text{NDF}: 13641188.4/60$

- sign 476.635 ± 0.074 $\chi^2/\text{NDF}: 7893110.5/33$

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 6.462 ± 32.930 χ^2/NDF : 2.5/7

Left Out: 10.078 ± 17.207 χ^2/NDF : 38.7/24

Right Out: -11.988 ± 28.038 χ^2/NDF : 15.6/10

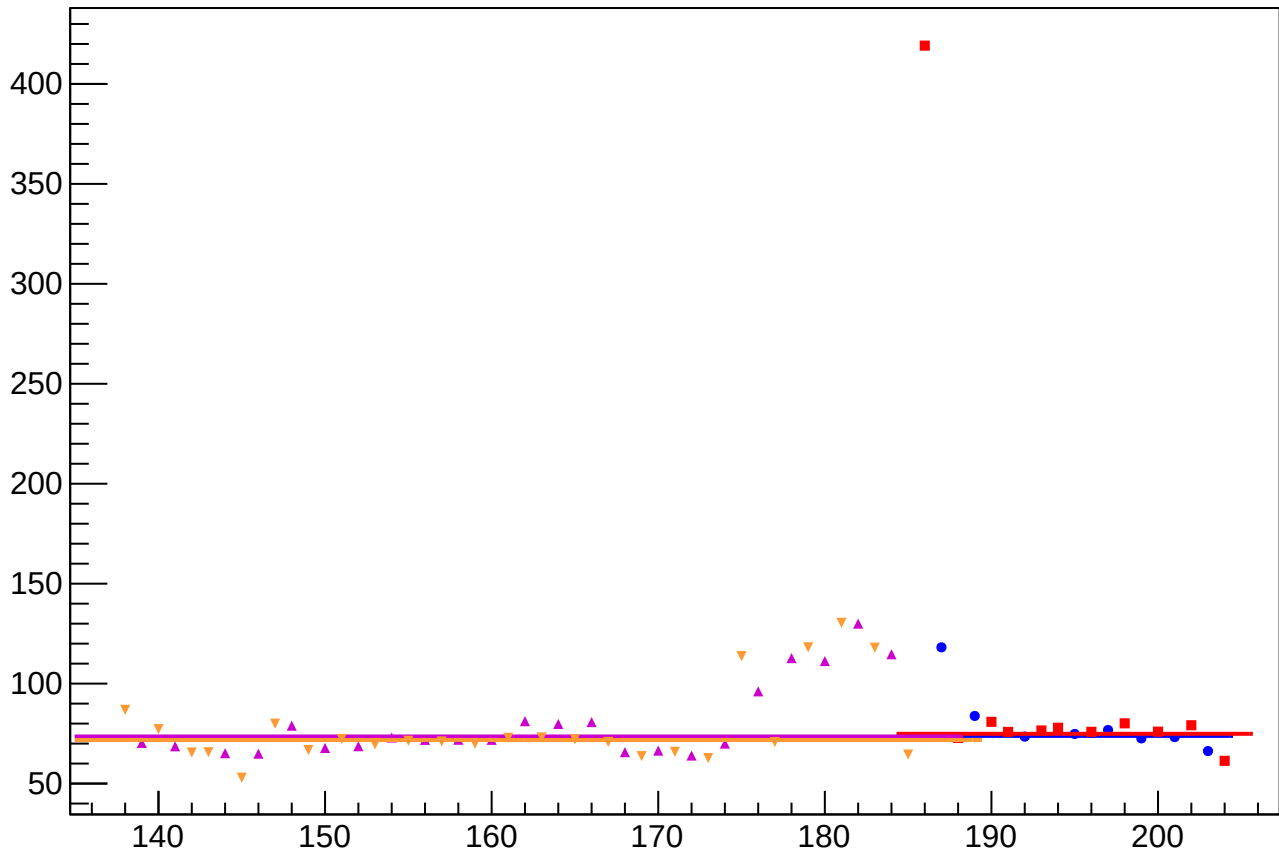
Left In: 1.434 ± 17.926 χ^2/NDF : 19.0/22

+ sign 9.302 ± 15.251 χ^2/NDF : 41.2/32

All: 3.364 ± 10.731 χ^2/NDF : 76.3/66

- sign -2.461 ± 15.103 χ^2/NDF : 34.8/33

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 73.853+/-0.023 χ^2/NDF : 78644.4/7

Left Out: 71.785+/-0.012 χ^2/NDF : 1325726.8/24

Right Out: 74.884+/-0.020 χ^2/NDF : 597419.7/10

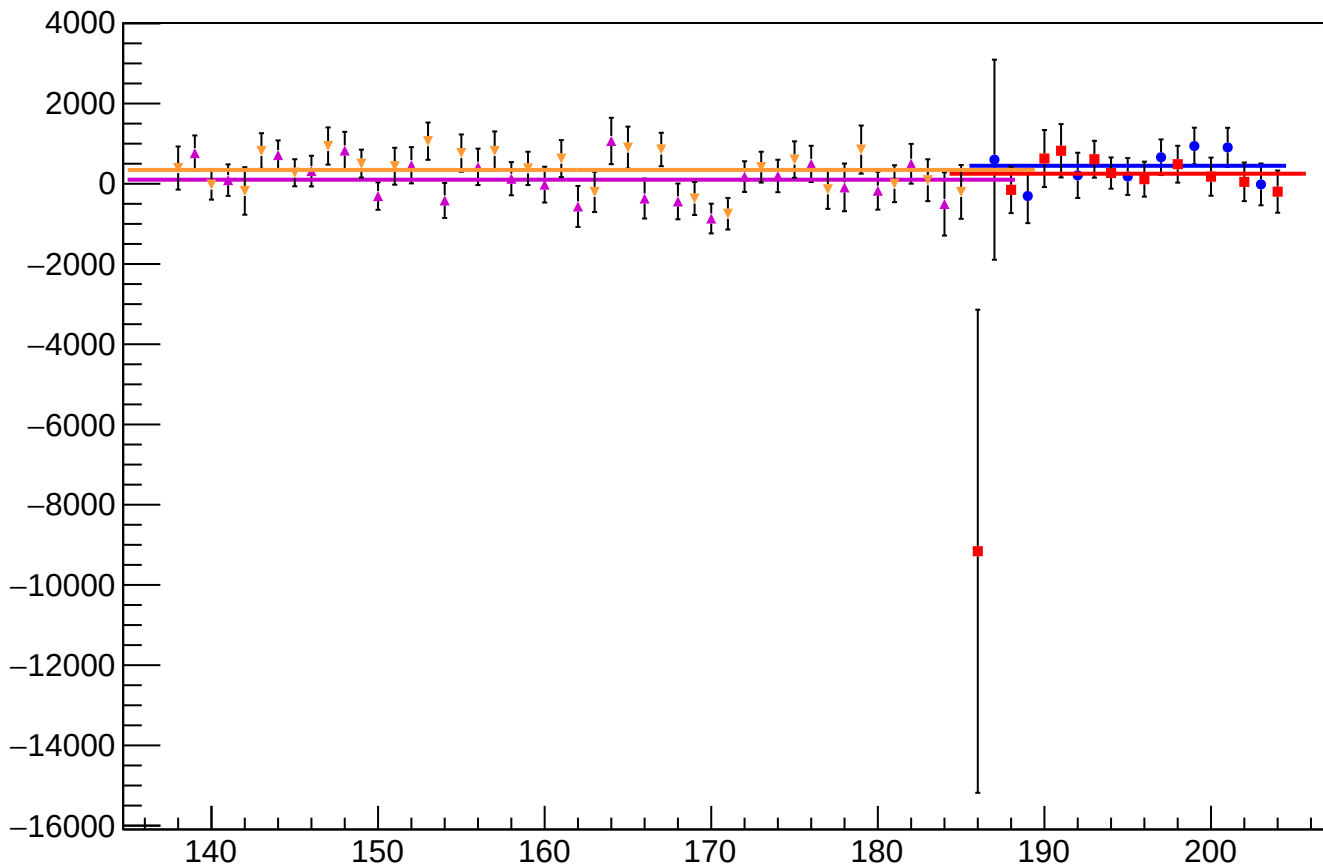
Left In: 73.558+/-0.013 χ^2/NDF : 1009353.9/22

+ sign 72.228+/-0.011 χ^2/NDF : 1410566.4/32

All: 73.094+/-0.008 χ^2/NDF : 3033272.9/66

- sign 73.943+/-0.011 χ^2/NDF : 1609945.2/33

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 448.343 $\pm$ 189.147 χ^2/NDF : 4.8/7

Left Out: 345.360 $\pm$ 89.857 χ^2/NDF : 27.4/24

Right Out: 250.740 $\pm$ 156.306 χ^2/NDF : 5.9/10

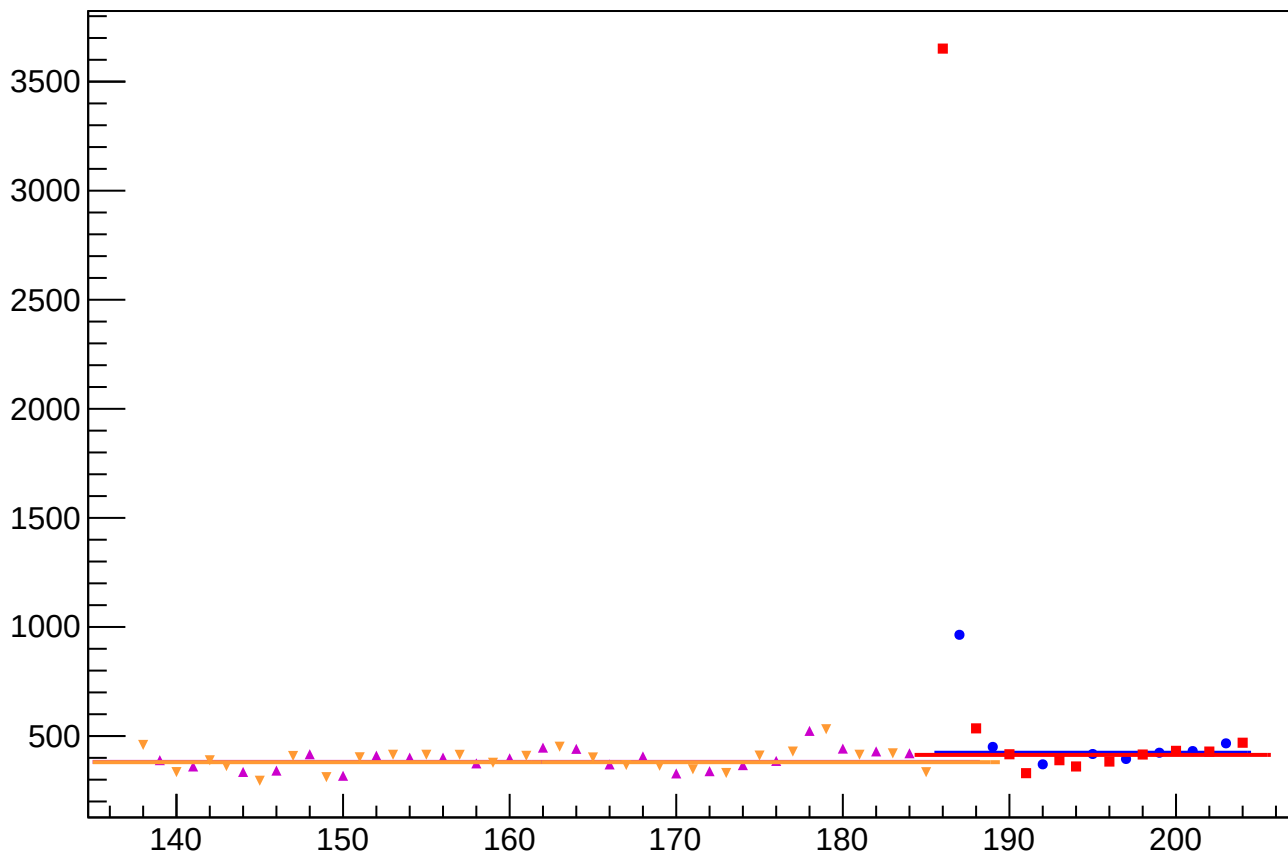
Left In: 101.648 $\pm$ 91.670 χ^2/NDF : 28.1/22

+ sign 364.322 $\pm$ 81.164 χ^2/NDF : 32.4/32

All: 249.136 $\pm$ 56.638 χ^2/NDF : 70.9/66

- sign 139.805 $\pm$ 79.074 χ^2/NDF : 34.6/33

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 423.405 $\pm$ 0.134 χ^2 /NDF: 137633.8/7

Left Out: 380.206 $\pm$ 0.064 χ^2 /NDF: 616620.6/24

Right Out: 413.577 $\pm$ 0.111 χ^2 /NDF: 778078.4/10

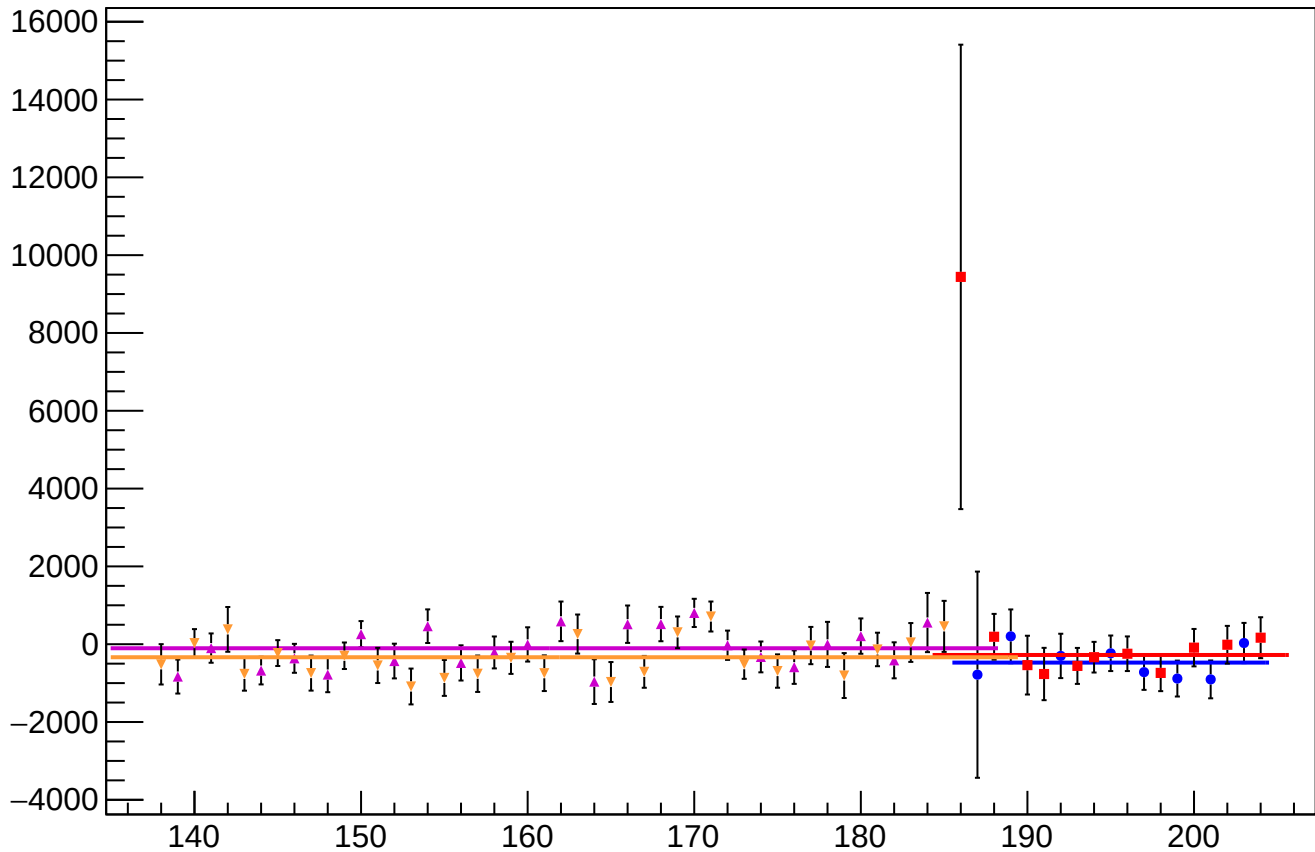
Left In: 381.474 $\pm$ 0.065 χ^2 /NDF: 461021.8/22

+ sign 388.160 $\pm$ 0.057 χ^2 /NDF: 839366.7/32

All: 388.945 $\pm$ 0.040 χ^2 /NDF: 2141605.8/66

- sign 389.690 $\pm$ 0.056 χ^2 /NDF: 1301874.6/33

asym_sam_37_48_dd_mean vs Slug



Right In: -472.832 ± 190.442 χ^2/NDF : 4.1/7

Left Out: -335.242 ± 87.706 χ^2/NDF : 28.3/24

Right Out: -276.952 ± 158.491 χ^2/NDF : 6.5/10

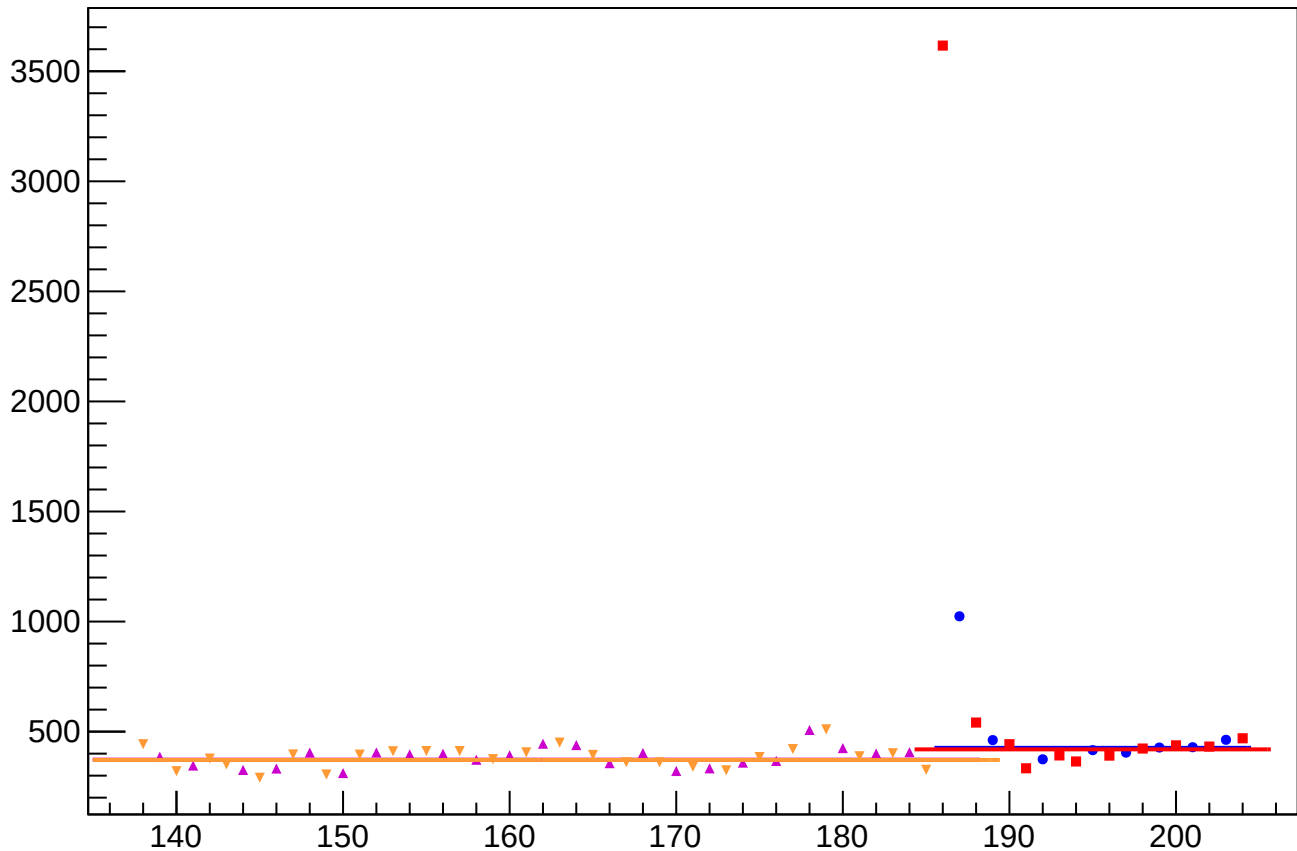
Left In: -104.117 ± 89.613 χ^2/NDF : 29.7/22

+ sign -359.318 ± 79.664 χ^2/NDF : 32.9/32

All: -250.411 ± 55.736 χ^2/NDF : 73.6/66

- sign -145.986 ± 78.007 χ^2/NDF : 37.0/33

asym_sam_37_48_dd_rms vs Slug



Right In: 426.277+/-0.135 χ^2/NDF : 139226.9/7

Left Out: 371.375+/-0.062 χ^2/NDF : 604123.3/24

Right Out: 419.378+/-0.112 χ^2/NDF : 771130.1/10

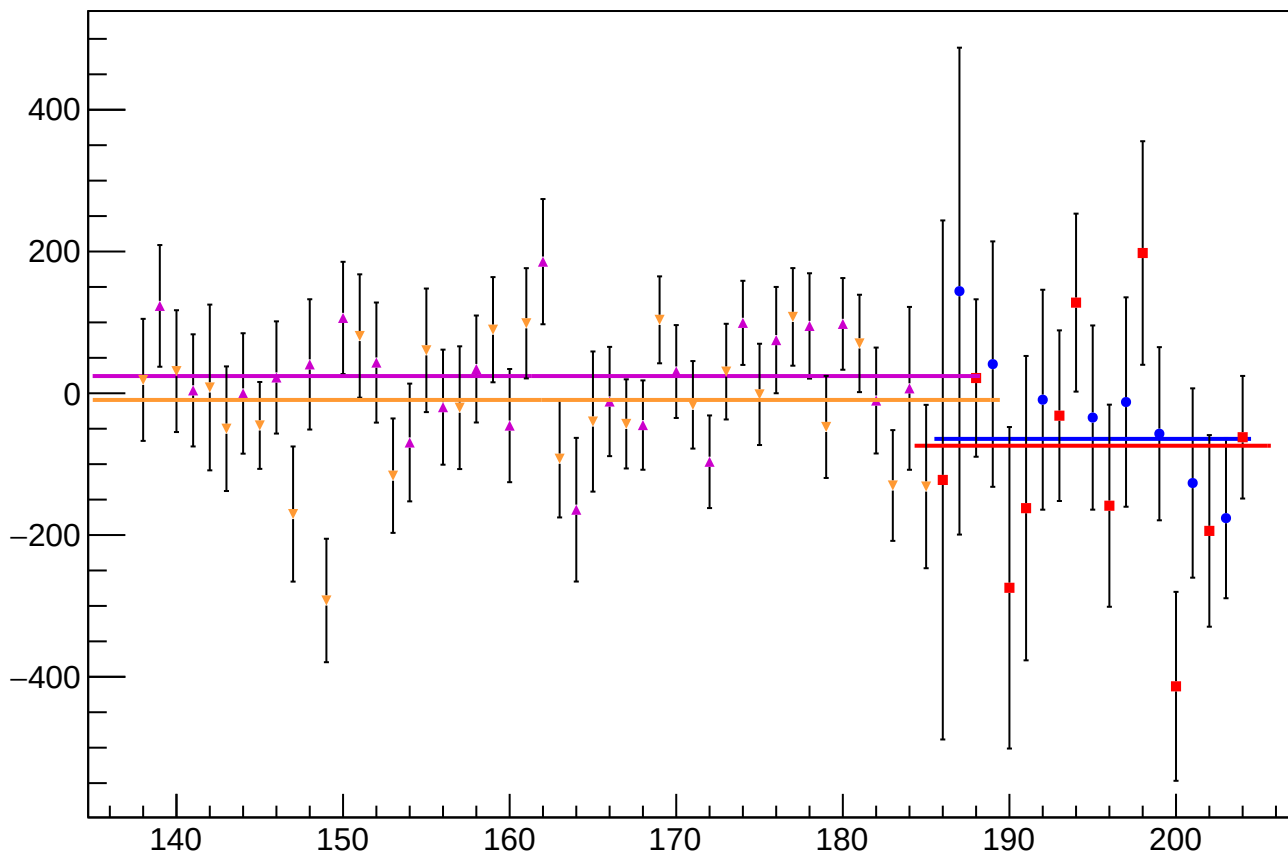
Left In: 372.574+/-0.063 χ^2/NDF : 464397.2/22

+ sign 380.982+/-0.056 χ^2/NDF : 880482.8/32

All: 382.478+/-0.039 χ^2/NDF : 2249552.1/66

- sign 383.912+/-0.055 χ^2/NDF : 1367688.2/33

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -64.346 $\pm$ 50.651 χ^2/NDF : 2.2/7

Left Out: -9.398 $\pm$ 15.471 χ^2/NDF :34.7/24

Right Out: -74.003 $\pm$ 40.955 χ^2/NDF : 15.0/10

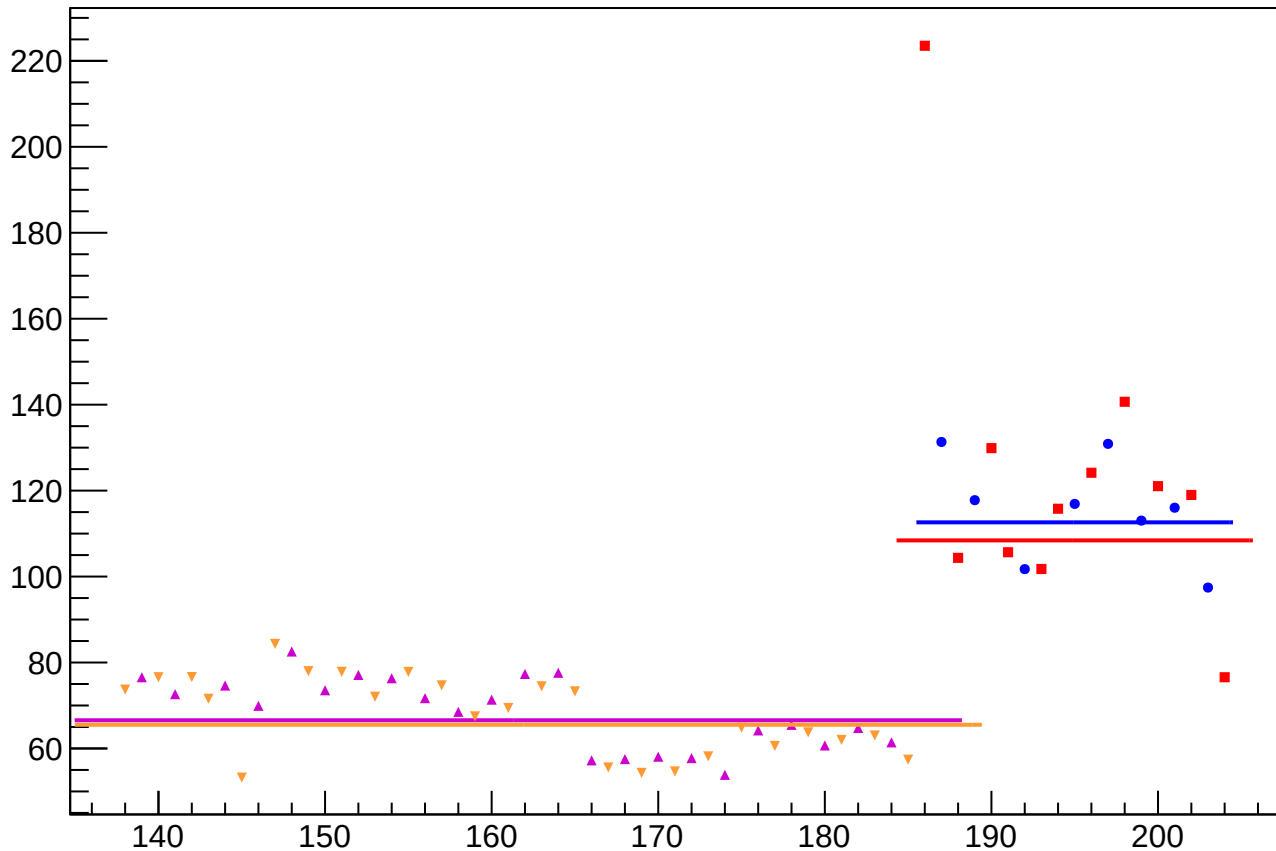
Left In: 24.293 $\pm$ 16.034 χ^2/NDF :21.1/22

+ sign -14.087 $\pm$ 14.796 χ^2/NDF : 38.0/32

All: -1.543 $\pm$ 10.510 χ^2/NDF : 80.6/66

- sign 11.230 $\pm$ 14.930 χ^2/NDF : 41.2/33

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 112.617 $\pm$ 0.036 χ^2/NDF : 87687.5/7

Left Out: 65.512 $\pm$ 0.011 χ^2/NDF : 666993.4/24

Right Out: 108.417 $\pm$ 0.029 χ^2/NDF : 640828.2/10

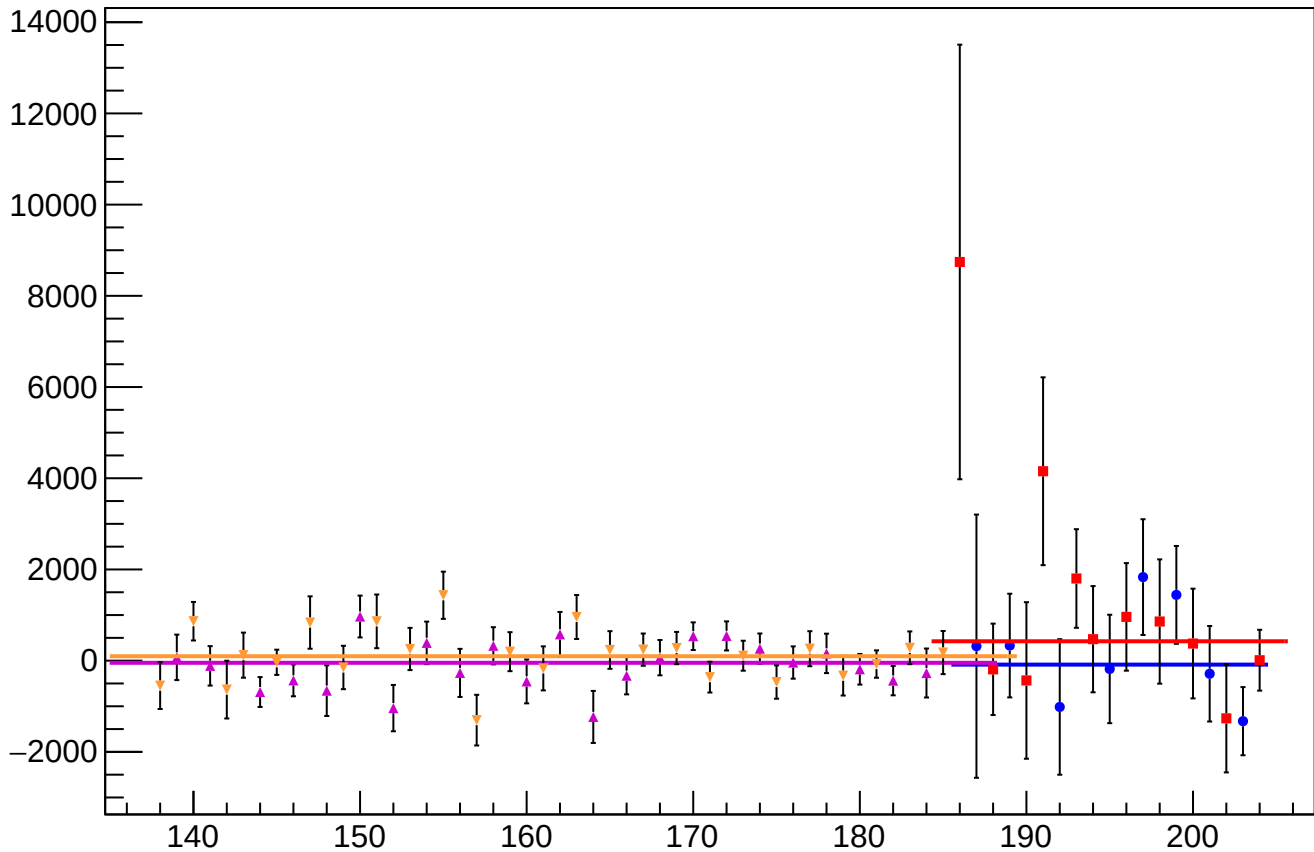
Left In: 66.564 $\pm$ 0.011 χ^2/NDF : 521302.1/22

+ sign 69.532 $\pm$ 0.010 χ^2/NDF : 2336867.7/32

All: 70.817 $\pm$ 0.007 χ^2/NDF : 5340582.0/66

- sign 72.126 $\pm$ 0.011 χ^2/NDF : 2973249.0/33

asym_sam_15_26_dd_correction_mean vs Slug



Right In: -86.531 ± 400.081 χ^2/NDF : 7.7/7

Left Out: 97.420 ± 82.238 χ^2/NDF : 33.3/24

Right Out: 425.300 ± 351.051 χ^2/NDF : 11.3/10

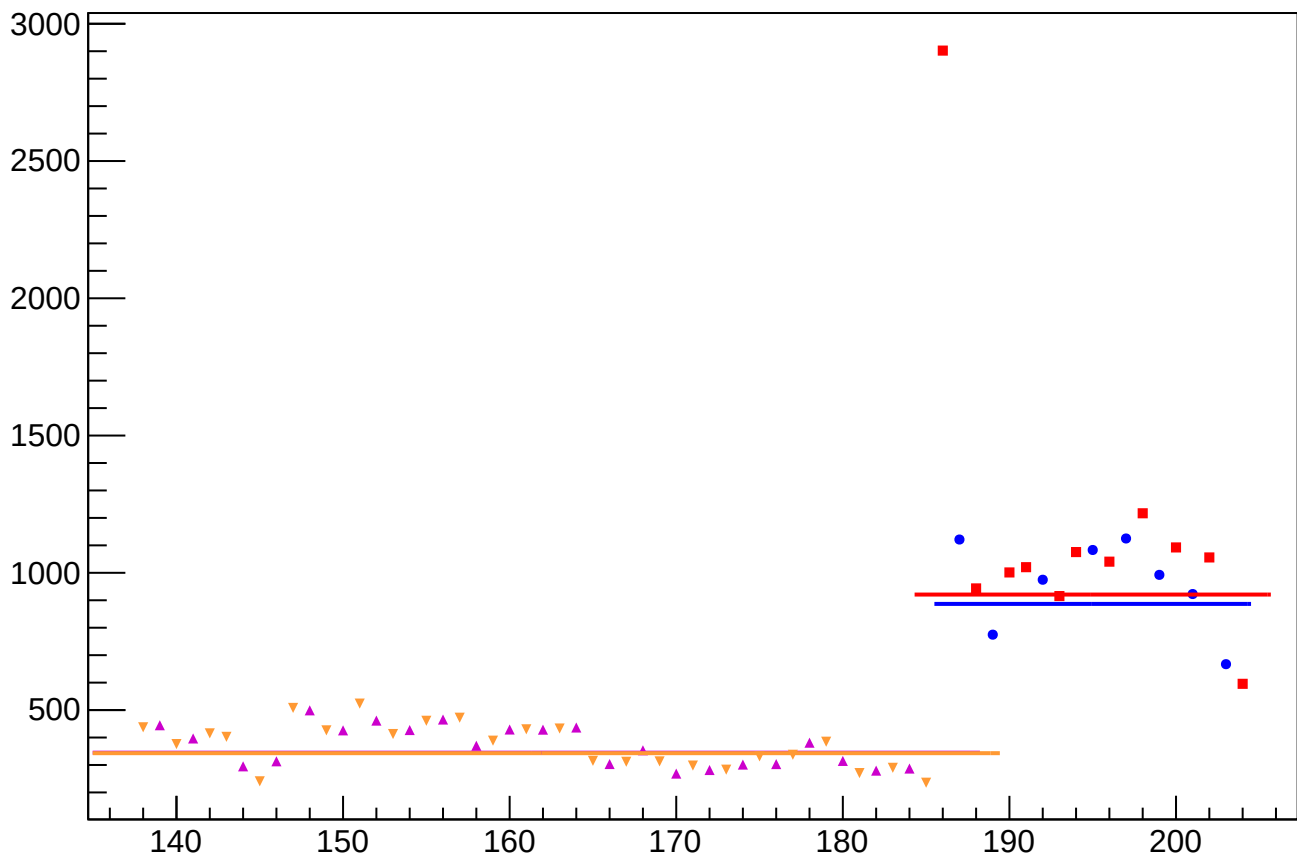
Left In: -46.660 ± 83.857 χ^2/NDF : 34.2/22

+ sign 89.963 ± 80.554 χ^2/NDF : 41.2/32

All: 35.082 ± 57.313 χ^2/NDF : 89.4/66

- sign -21.183 ± 81.563 χ^2/NDF : 47.2/33

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 886.726 $\pm$ 0.283 χ^2 /NDF: 359250.1/7

Left Out: 342.995 $\pm$ 0.058 χ^2 /NDF: 1665121.0/24

Right Out: 920.797 $\pm$ 0.248 χ^2 /NDF: 1048083.8/10

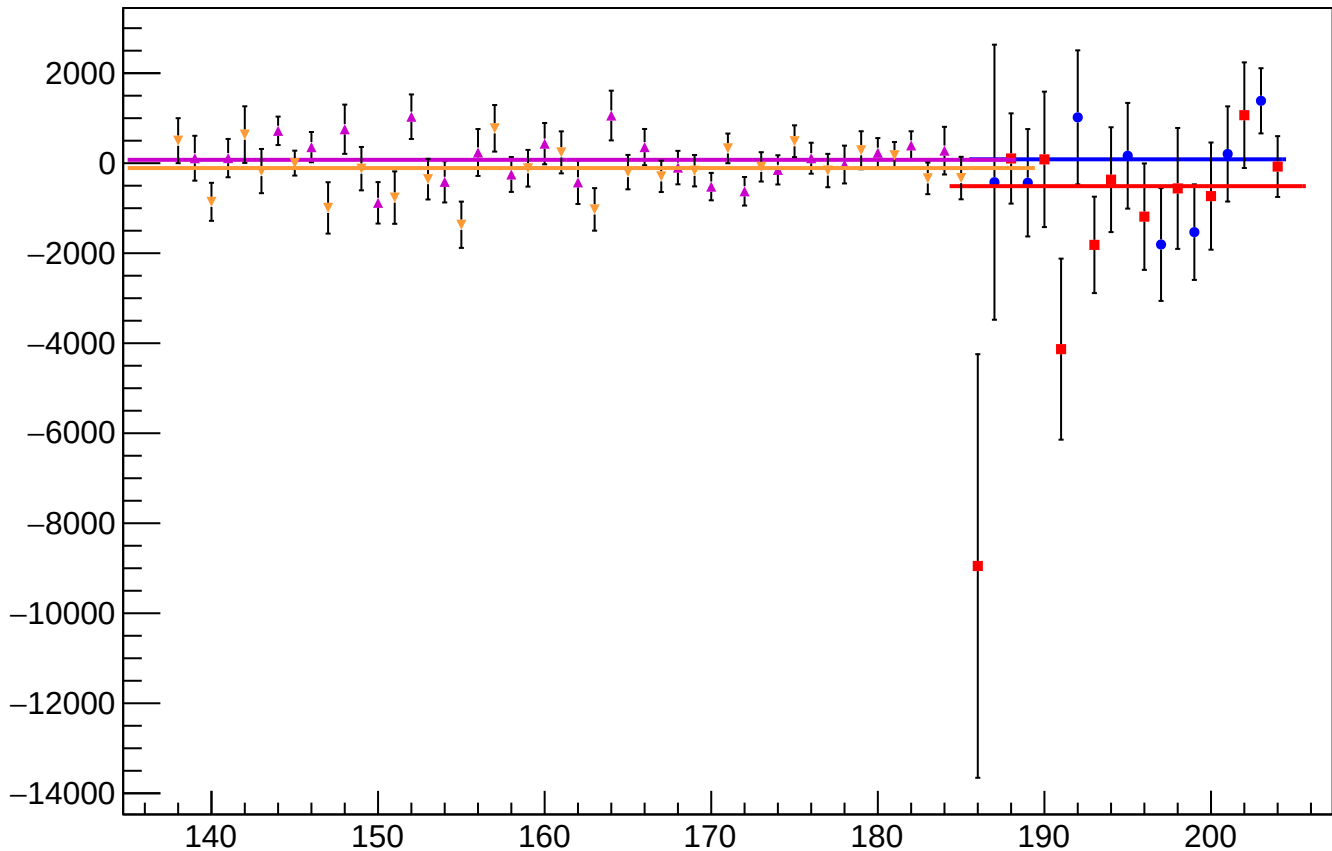
Left In: 344.818 $\pm$ 0.059 χ^2 /NDF: 1264545.0/22

+ sign 365.038 $\pm$ 0.057 χ^2 /NDF: 5568658.5/32

All: 370.406 $\pm$ 0.041 χ^2 /NDF: 12992624.6/66

- sign 375.910 $\pm$ 0.058 χ^2 /NDF: 7405975.5/33

asym_sam_15_26_dd_mean vs Slug



Right In: 86.296 ± 398.077 χ^2/NDF : 8.5/7

Left Out: -108.037 ± 80.579 χ^2/NDF : 30.9/24

Right Out: -510.328 ± 348.594 χ^2/NDF : 11.1/10

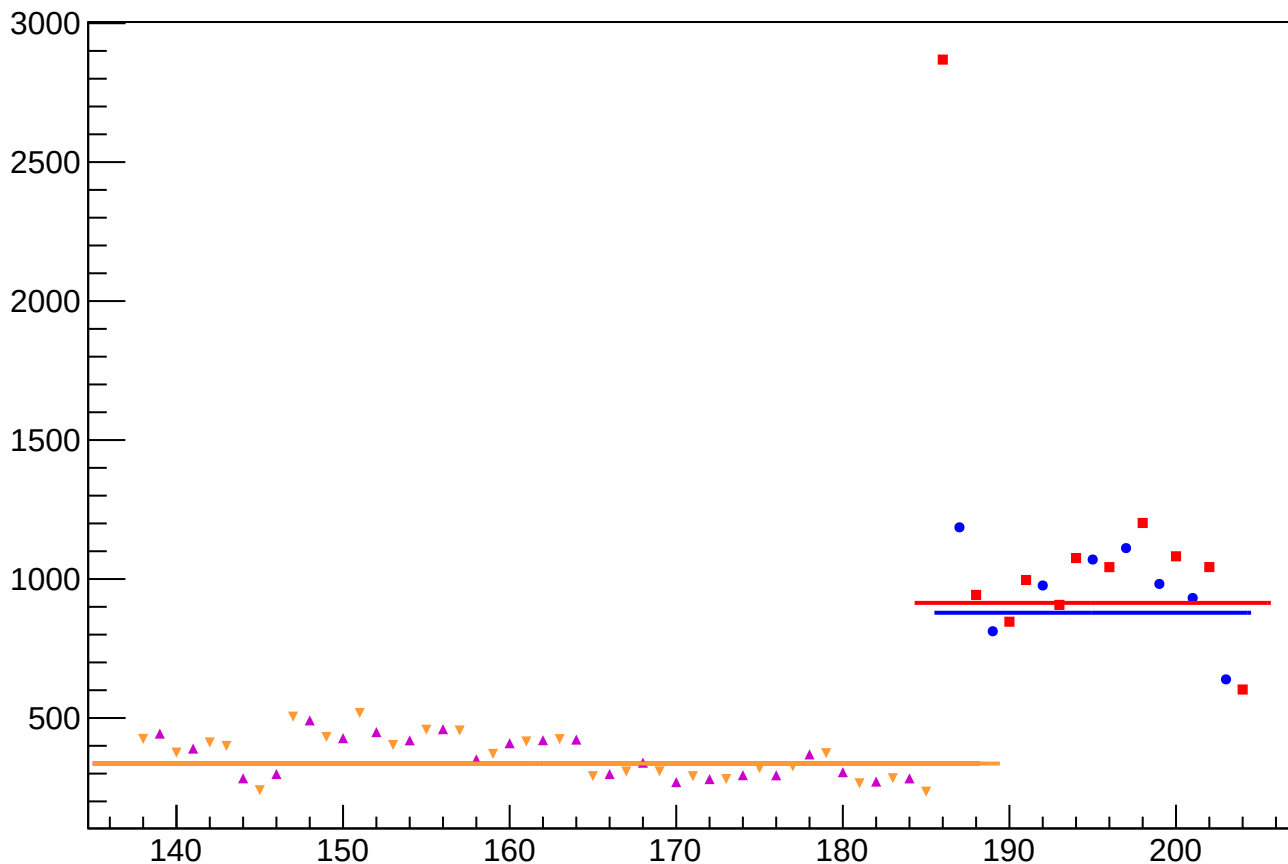
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign -100.387 ± 78.978 χ^2/NDF : 39.6/32

All: -28.754 ± 56.125 χ^2/NDF : 87.6/66

- sign 44.332 ± 79.775 χ^2/NDF : 46.4/33

asym_sam_15_26_dd_rms vs Slug



Right In: 878.682+/-0.281 χ^2/NDF : 400351.6/7

Left Out: 336.231+/-0.057 χ^2/NDF :1659693.0/24

Right Out: 914.219+/-0.246 χ^2/NDF : 997230.0/10

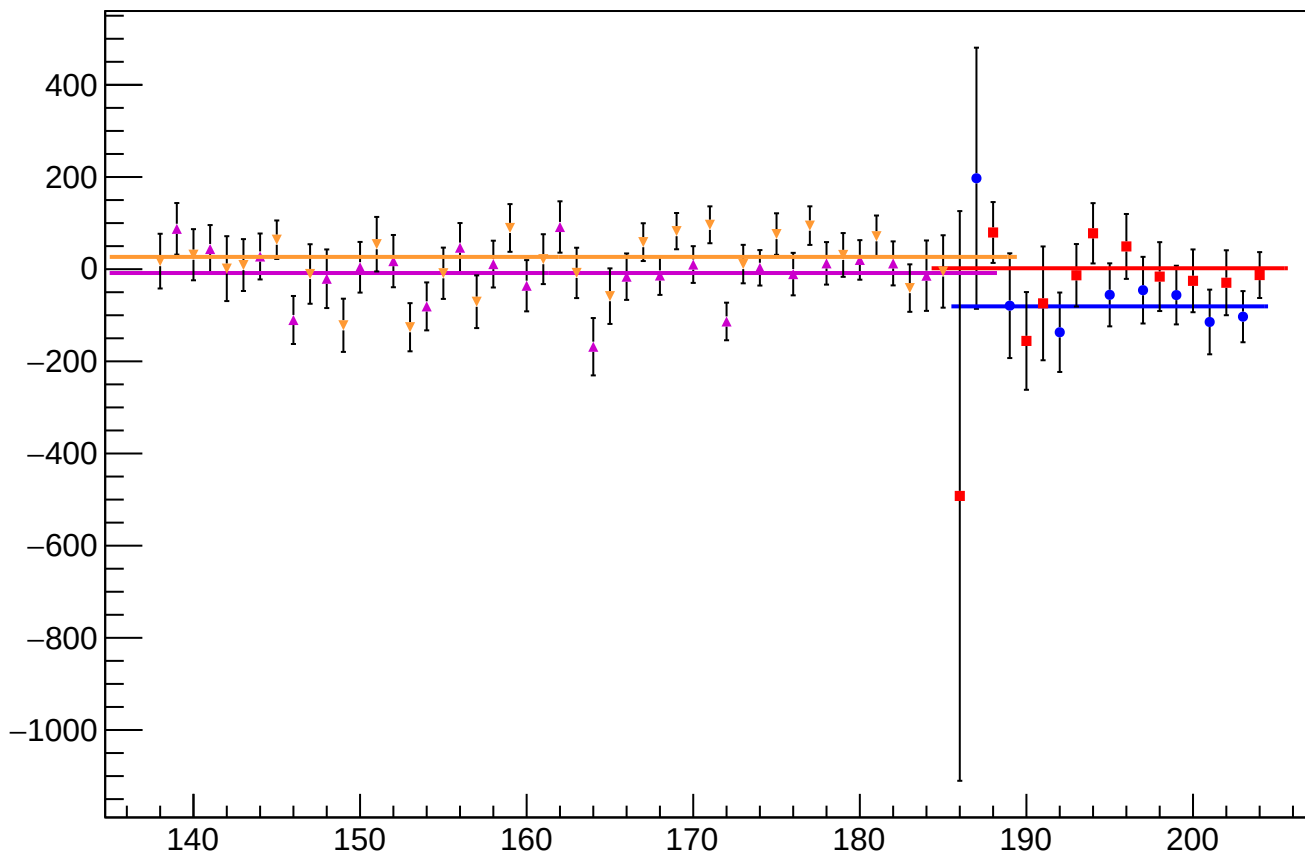
Left In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

+ sign 357.583+/-0.056 χ^2/NDF : 5627659.4/32

All: 362.074+/-0.040 χ^2/NDF : 13114930.2/60

- sign 366.657+/-0.056 χ^2/NDF : 7474202.4/33

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -80.709 ± 26.686 χ^2/NDF : 2.3/7

Left Out: 26.633 ± 10.090 χ^2/NDF : 36.5/24

Right Out: 2.013 ± 22.147 χ^2/NDF : 7.0/10

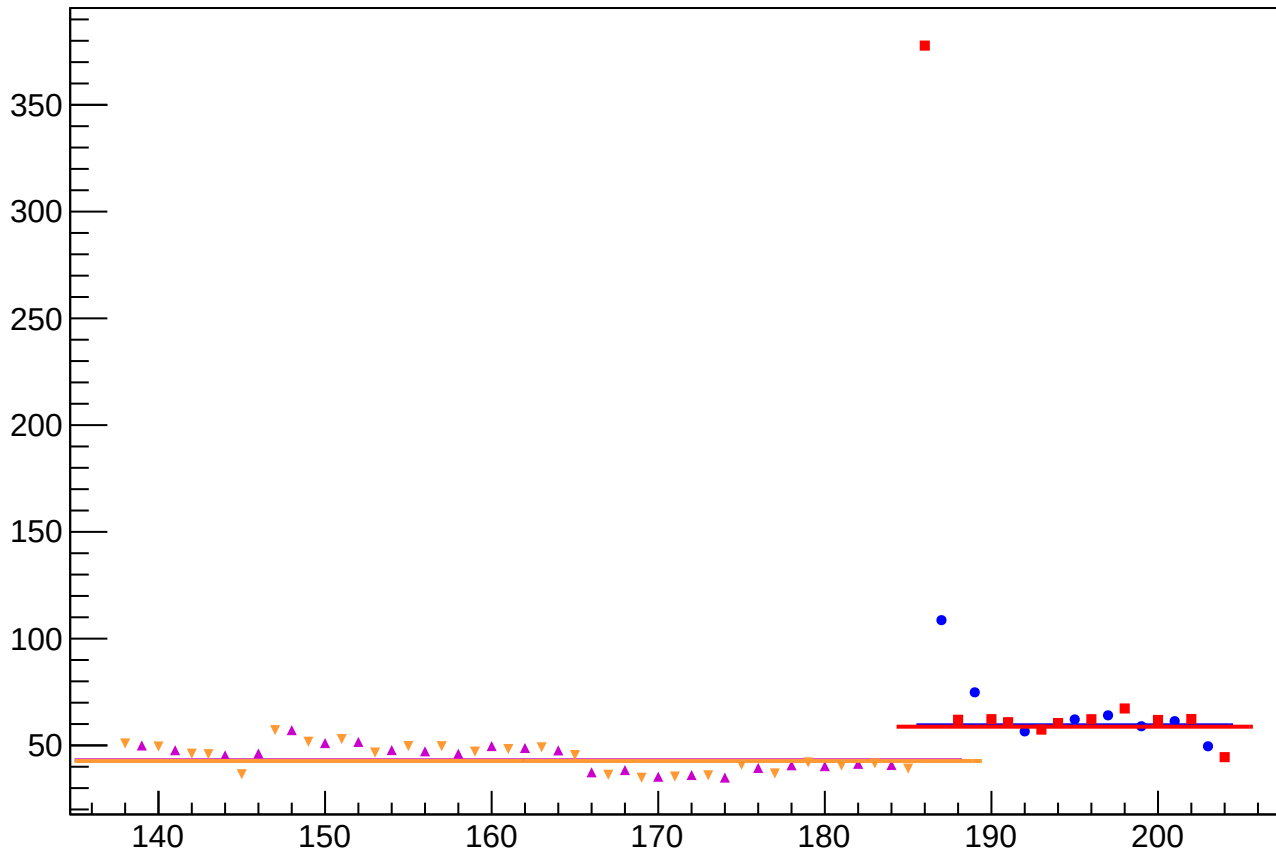
Left In: -8.325 ± 10.361 χ^2/NDF : 29.6/22

+ sign 13.206 ± 9.438 χ^2/NDF : 52.9/32

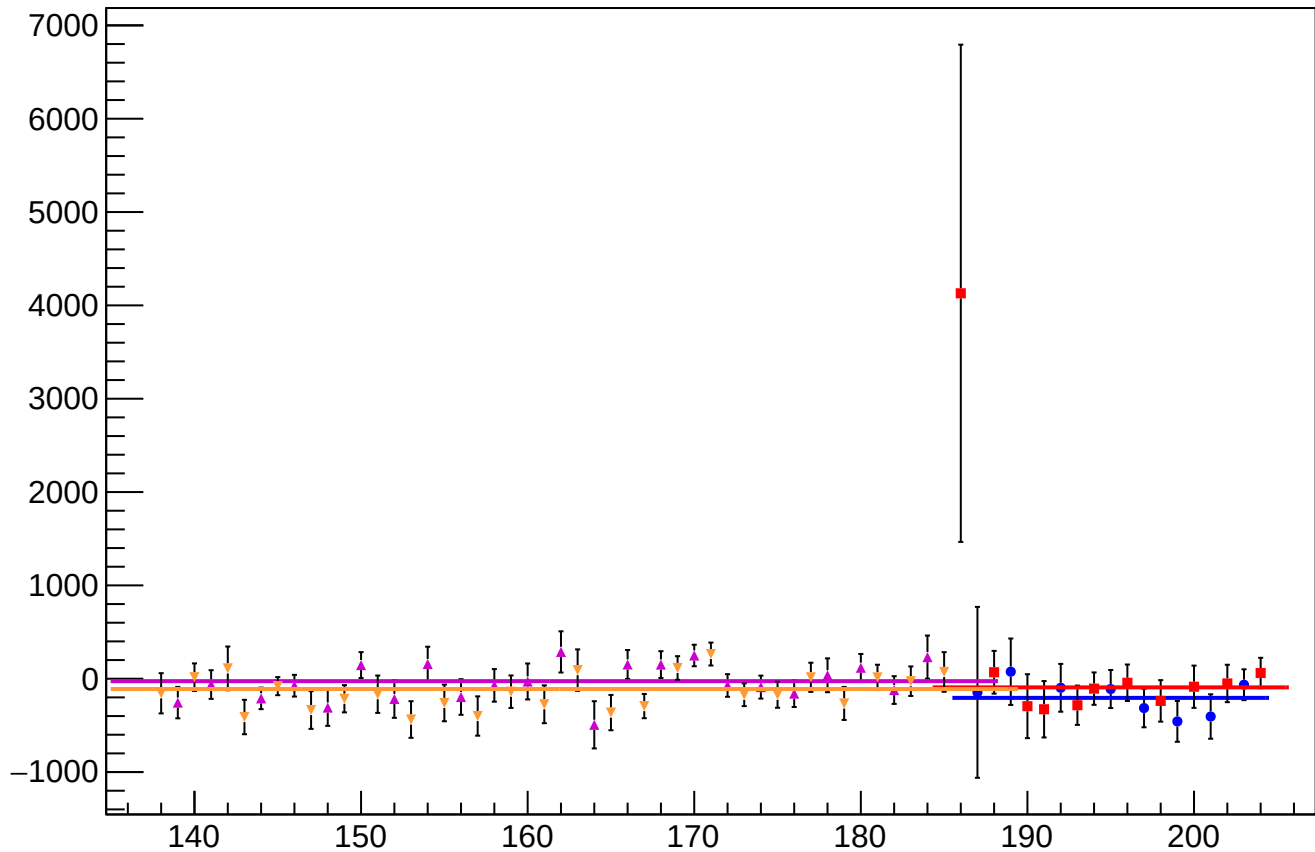
All: 3.313 ± 6.655 χ^2/NDF : 91.8/66

- sign -6.469 ± 9.385 χ^2/NDF : 36.8/33

dit_asym_sam_37_26_dd_rms vs Slug



asym_sam_37_26_dd_correction_mean vs Slug



Right In: -205.154 ± 82.433 χ^2/NDF : 4.1/7

Left Out: -110.340 ± 31.717 χ^2/NDF : 33.0/24

Right Out: -92.721 ± 66.969 χ^2/NDF : 6.2/10

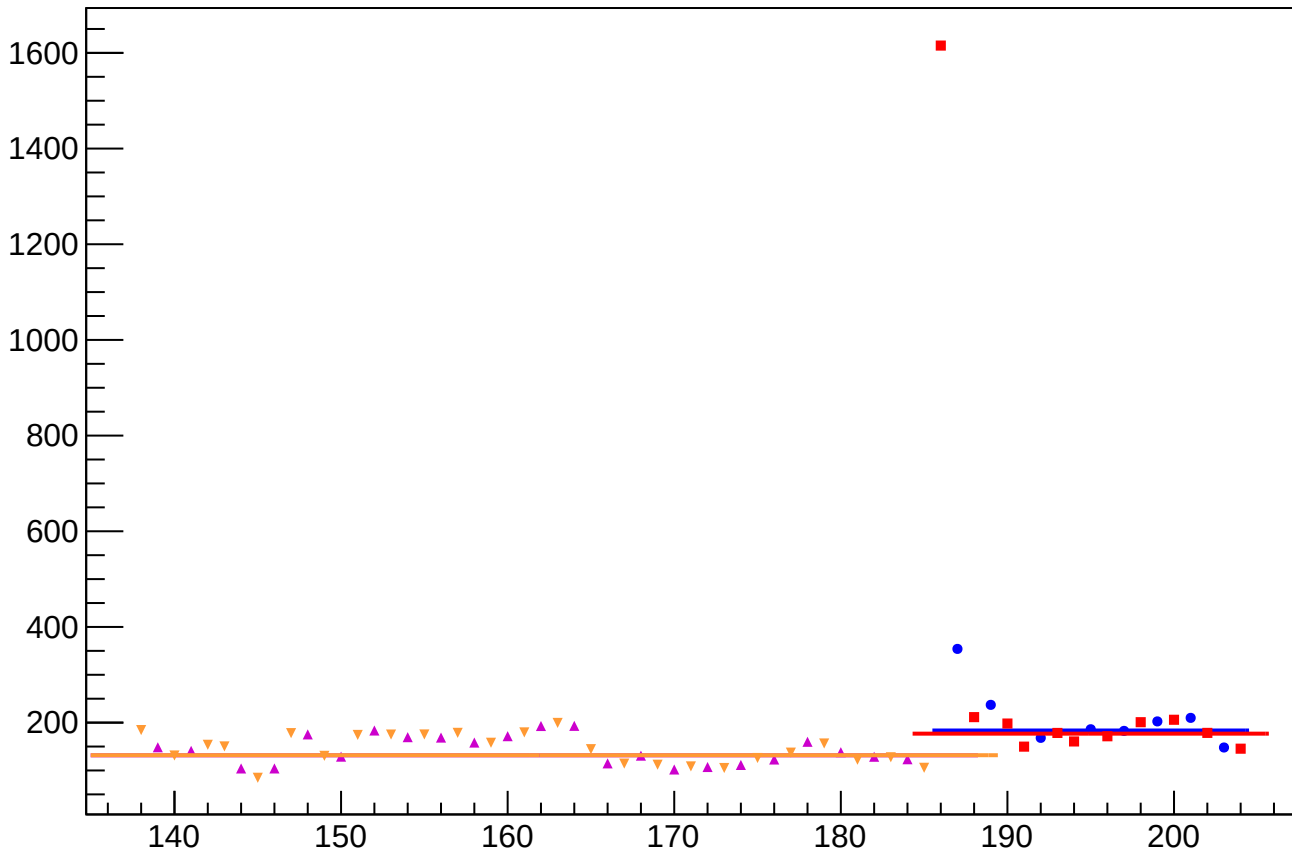
Left In: -25.828 ± 32.100 χ^2/NDF : 29.0/22

+ sign -122.566 ± 29.601 χ^2/NDF : 38.2/32

All: -79.503 ± 20.696 χ^2/NDF : 78.4/66

- sign -38.325 ± 28.946 χ^2/NDF : 36.0/33

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 183.515 $\pm$ 0.058 χ^2/NDF : 254675.9/7

Left Out: 131.875 $\pm$ 0.022 χ^2/NDF : 1806379.2/24

Right Out: 176.947 $\pm$ 0.047 χ^2/NDF : 802448.3/10

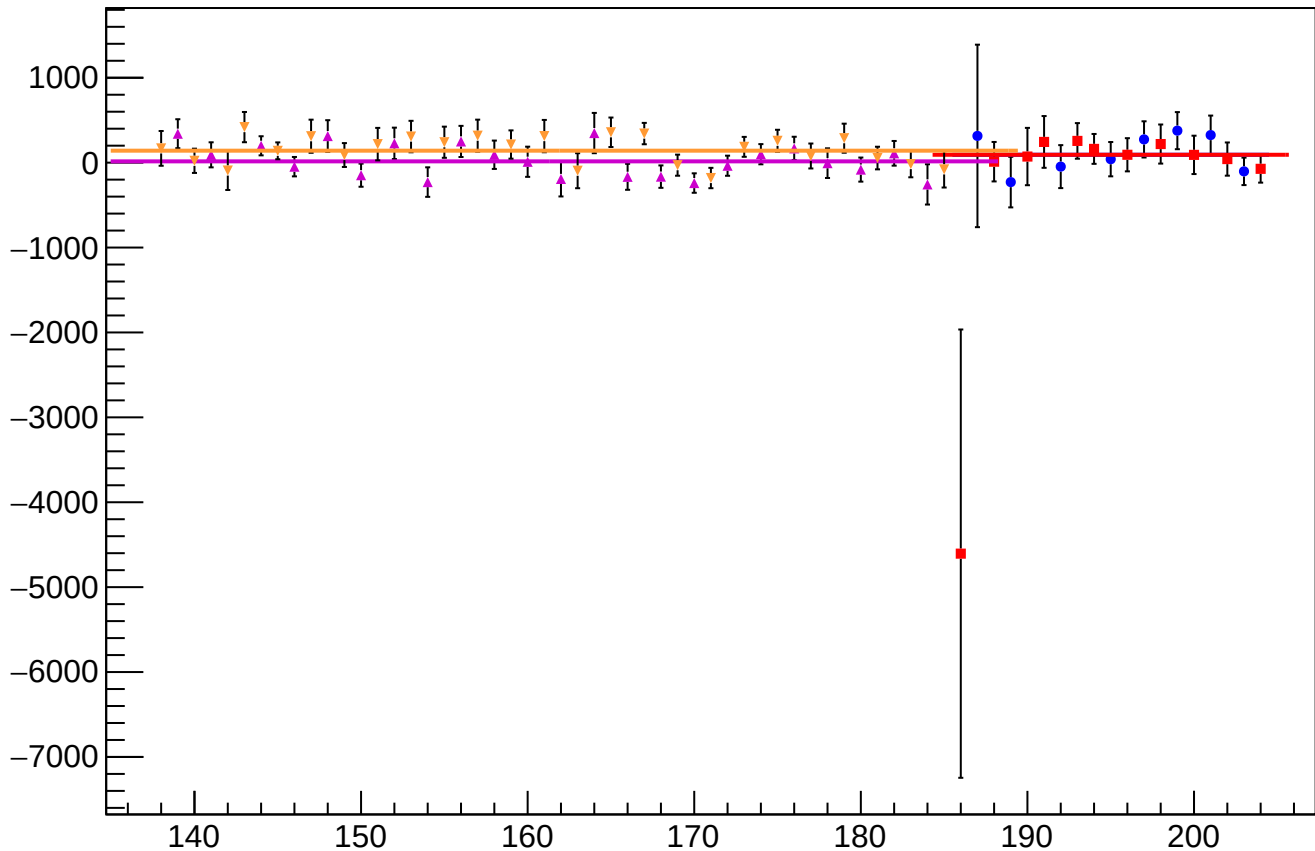
Left In: 131.630 $\pm$ 0.023 χ^2/NDF : 1403692.5/22

+ sign 138.534 $\pm$ 0.021 χ^2/NDF : 2744730.4/32

All: 139.332 $\pm$ 0.015 χ^2/NDF : 5698440.7/66

- sign 140.096 $\pm$ 0.020 χ^2/NDF : 2950862.3/33

asym_sam_37_26_dd_mean vs Slug



Right In: 92.639 $\pm$ 80.975 χ^2 /NDF: 6.5/7

Left Out: 141.008 $\pm$ 30.636 χ^2 /NDF: 27.1/24

Right Out: 92.764 $\pm$ 67.139 χ^2 /NDF: 5.7/10

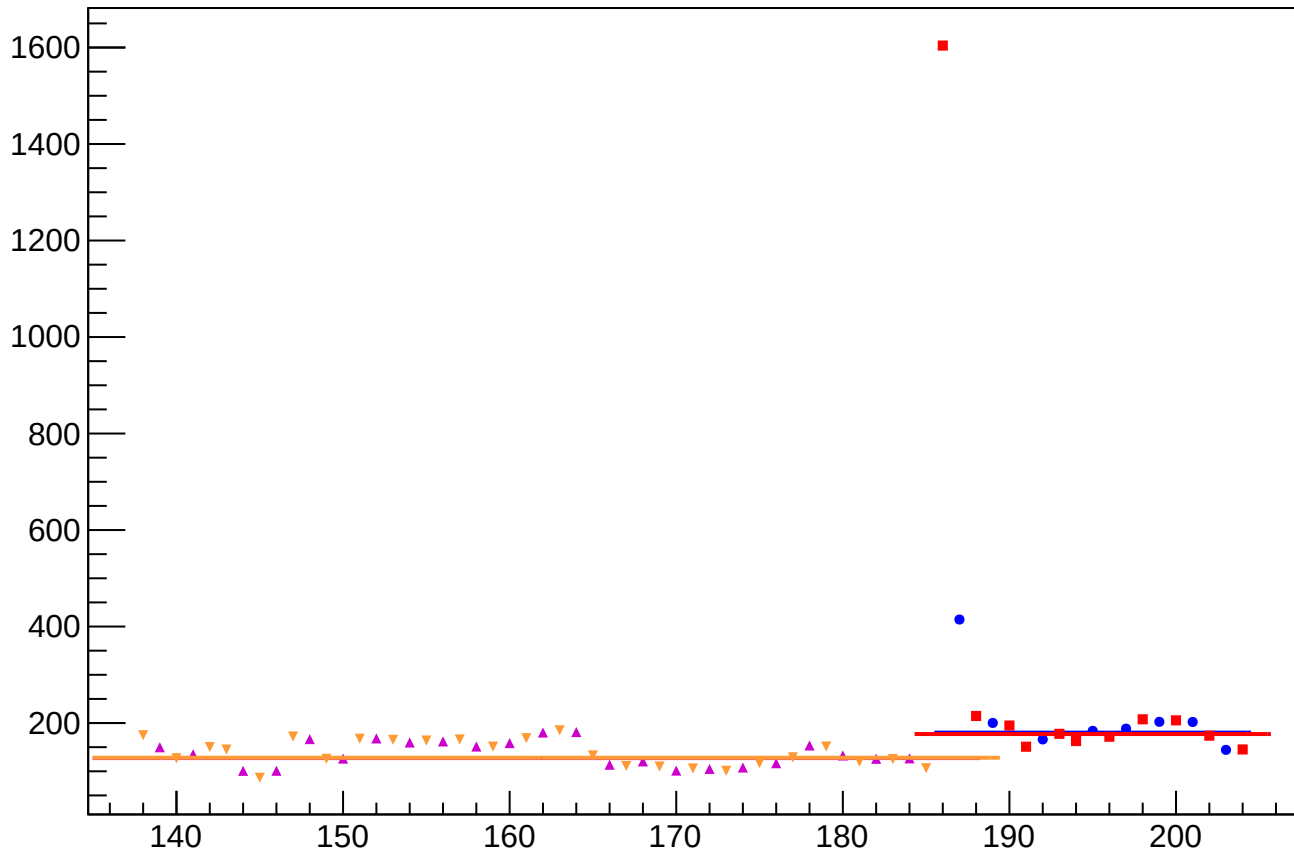
Left In: 15.199 $\pm$ 31.033 χ^2 /NDF: 31.4/22

+ sign 134.952 $\pm$ 28.653 χ^2 /NDF: 33.9/32

All: 80.999 $\pm$ 20.088 χ^2 /NDF: 79.1/66

- sign 28.853 $\pm$ 28.169 χ^2 /NDF: 38.2/33

asym_sam_37_26_dd_rms vs Slug



Right In: 180.119+/-0.057 χ^2/NDF : 251381.0/7

Left Out: 128.060+/-0.022 χ^2/NDF : 1530283.7/24

Right Out: 177.212+/-0.047 χ^2/NDF : 815848.7/10

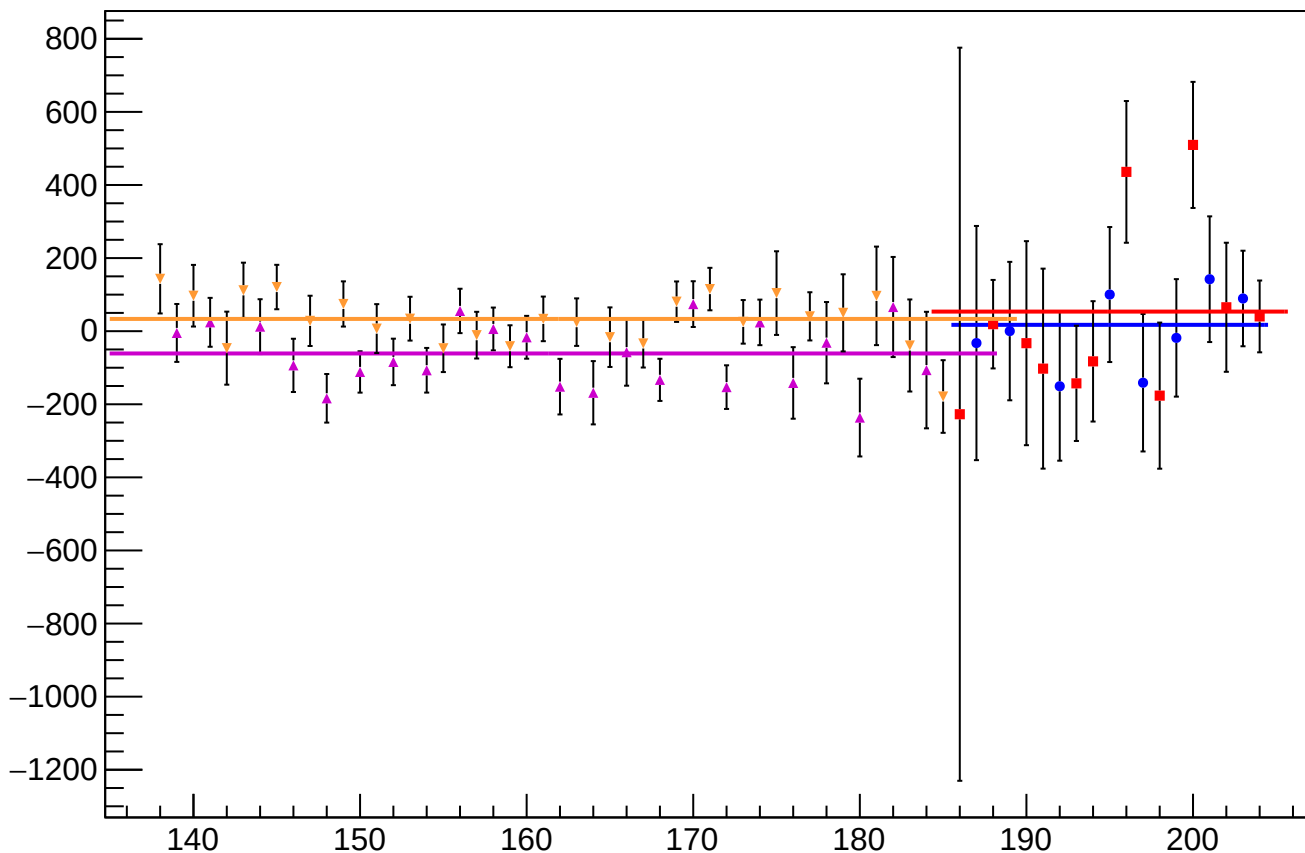
Left In: 127.380+/-0.022 χ^2/NDF : 1229899.0/22

+ sign 134.578+/-0.020 χ^2/NDF : 2504804.5/32

All: 135.378+/-0.014 χ^2/NDF : 5461440.9/66

- sign 136.152+/-0.020 χ^2/NDF : 2953568.4/33

dit_asym_sam_1357_avg_mean vs Slug



Right In: 17.350 $\pm$ 63.204 χ^2 /NDF: 2.5/7

Left Out: 33.535 $\pm$ 14.197 χ^2 /NDF: 19.7/24

Right Out: 53.601 $\pm$ 50.418 χ^2 /NDF: 15.0/10

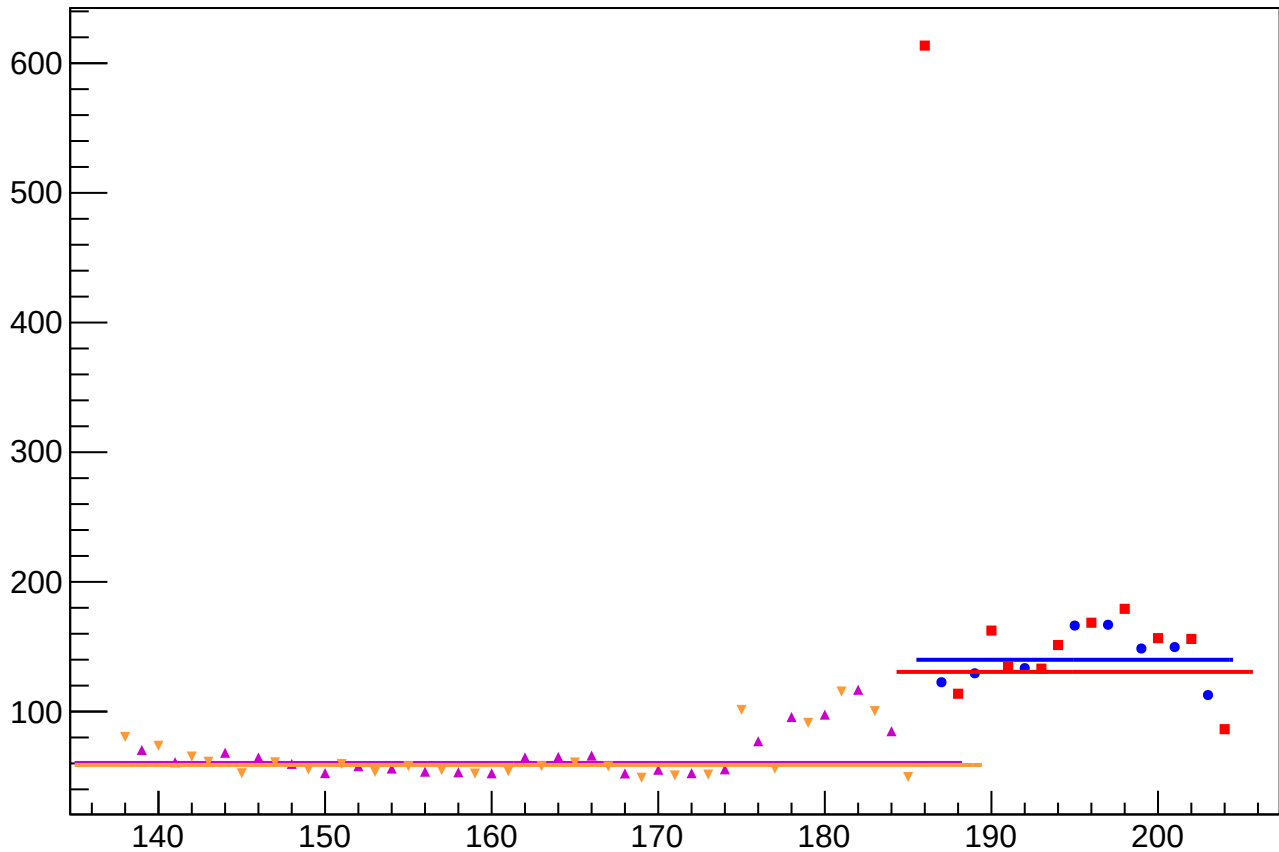
Left In: -60.992 $\pm$ 14.839 χ^2 /NDF: 31.6/22

+ sign 32.757 $\pm$ 13.851 χ^2 /NDF: 22.2/32

All: -8.394 $\pm$ 9.927 χ^2 /NDF: 91.8/66

- sign -51.856 $\pm$ 14.235 χ^2 /NDF: 51.4/33

dit_asym_sam_1357_avg_rms vs Slug



Right In: 139.921+/-0.045 χ^2/NDF : 194921.2/7

Left Out: 58.793+/-0.010 χ^2/NDF : 1460561.7/24

Right Out: 130.584+/-0.036 χ^2/NDF : 1247206.6/10

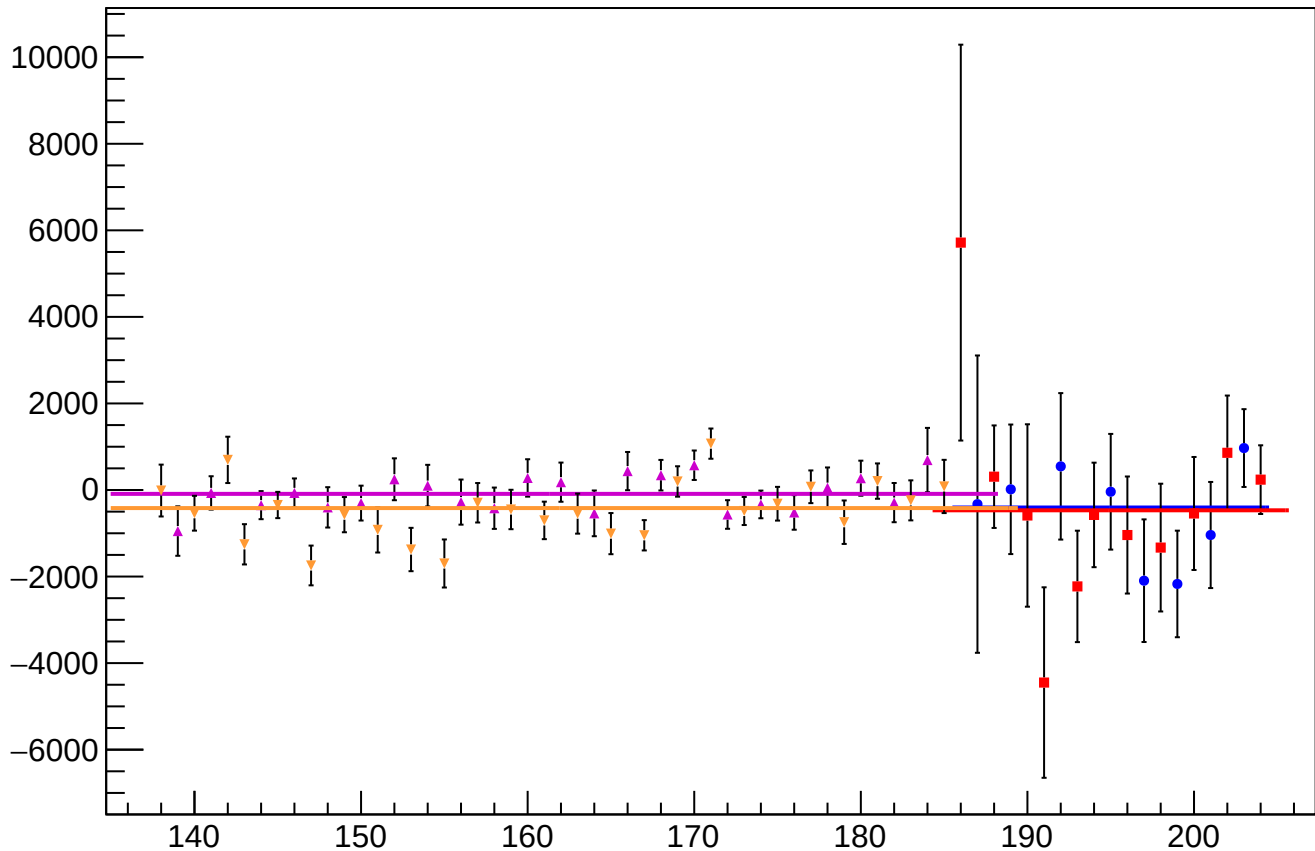
Left In: 60.355+/-0.010 χ^2/NDF : 1217671.4/22

+ sign 62.690+/-0.010 χ^2/NDF : 4792408.3/32

All: 64.277+/-0.007 χ^2/NDF : 10882508.2/66

- sign 65.954+/-0.010 χ^2/NDF : 6036087.7/33

asym_sam_1357_avg_correction_mean vs Slug



Right In: -404.732 ± 471.361 χ^2/NDF : 6.6/7

Left Out: -417.817 ± 84.969 χ^2/NDF : 58.5/24

Right Out: -469.318 ± 400.539 χ^2/NDF : 9.7/10

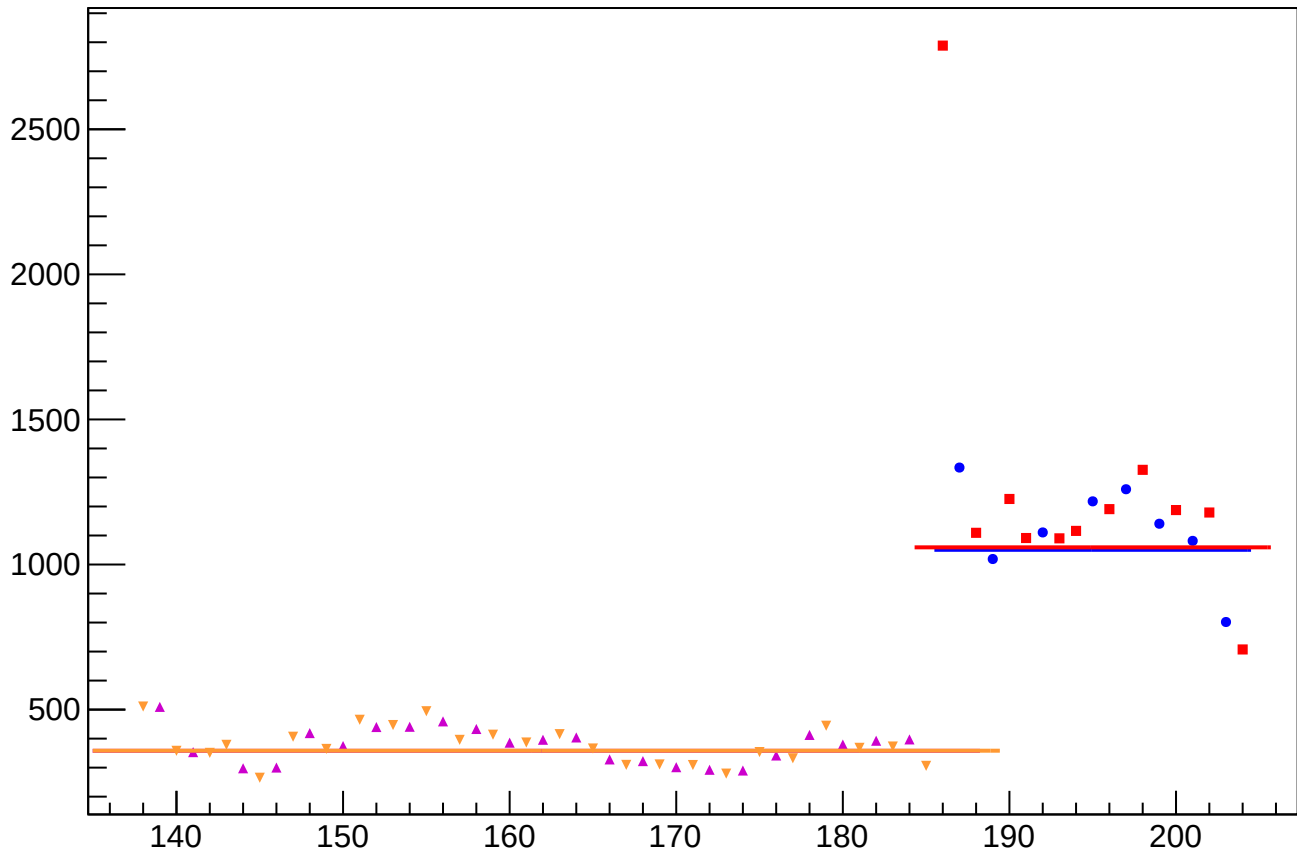
Left In: -89.505 ± 86.438 χ^2/NDF : 19.4/22

+ sign -417.406 ± 83.622 χ^2/NDF : 65.1/32

All: -263.518 ± 59.435 χ^2/NDF : 101.9/66

- sign -106.407 ± 84.493 χ^2/NDF : 30.0/33

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1050.739 $\pm$ 0.333 χ^2 /NDF: 256825.3/7

Left Out: 358.349 $\pm$ 0.060 χ^2 /NDF: 1011872.8/24

Right Out: 1059.194 $\pm$ 0.283 χ^2 /NDF: 821611.3/10

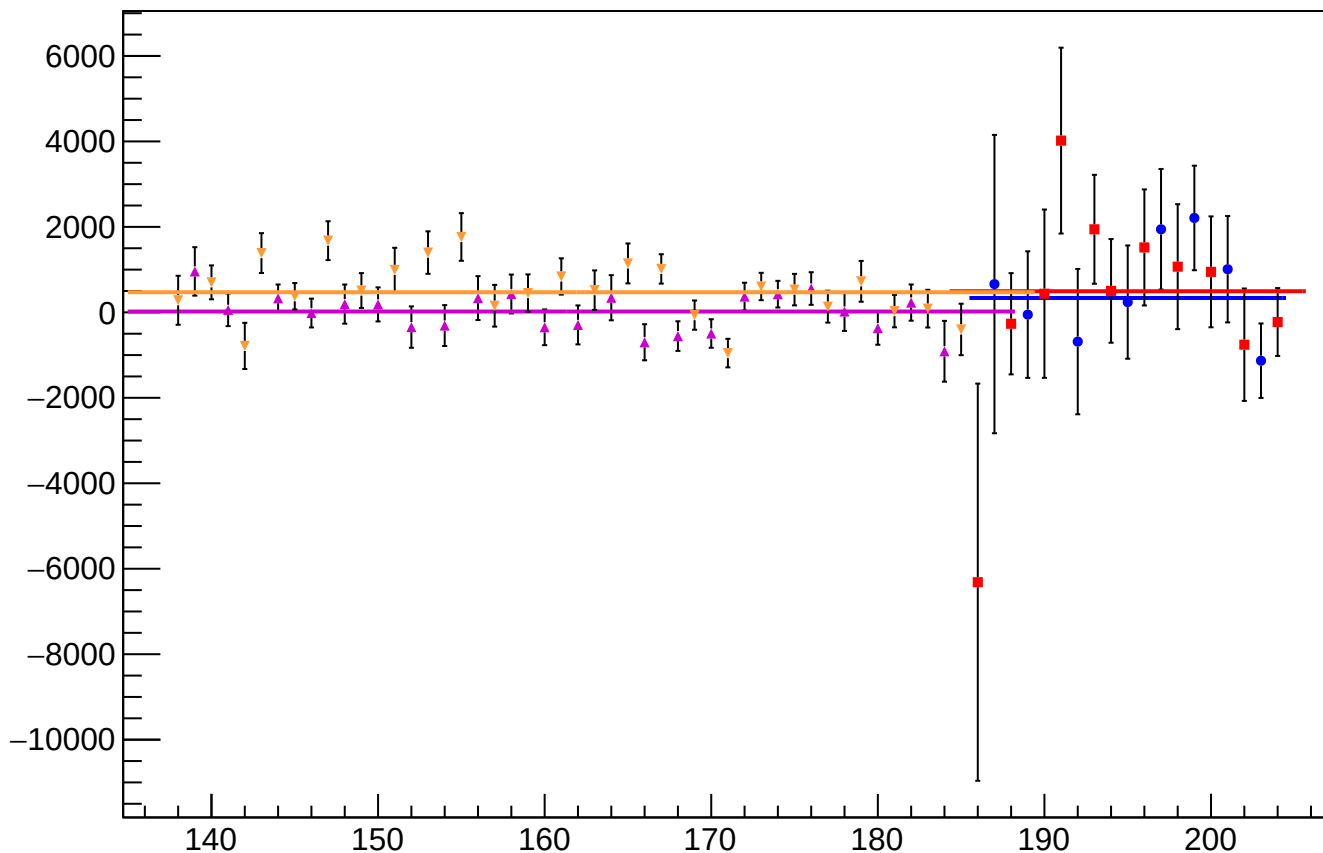
Left In: 357.802 $\pm$ 0.061 χ^2 /NDF: 893330.5/22

+ sign 380.140 $\pm$ 0.059 χ^2 /NDF: 5448311.5/32

All: 384.531 $\pm$ 0.042 χ^2 /NDF: 13034345.2/60

- sign 389.013 $\pm$ 0.060 χ^2 /NDF: 7574891.4/33

asym_sam_1357_avg_mean vs Slug



Right In: 336.441 ± 466.927 χ^2/NDF : 7.2/7

Left Out: 470.804 ± 83.480 χ^2/NDF : 58.7/24

Right Out: 493.942 ± 398.647 χ^2/NDF : 9.1/10

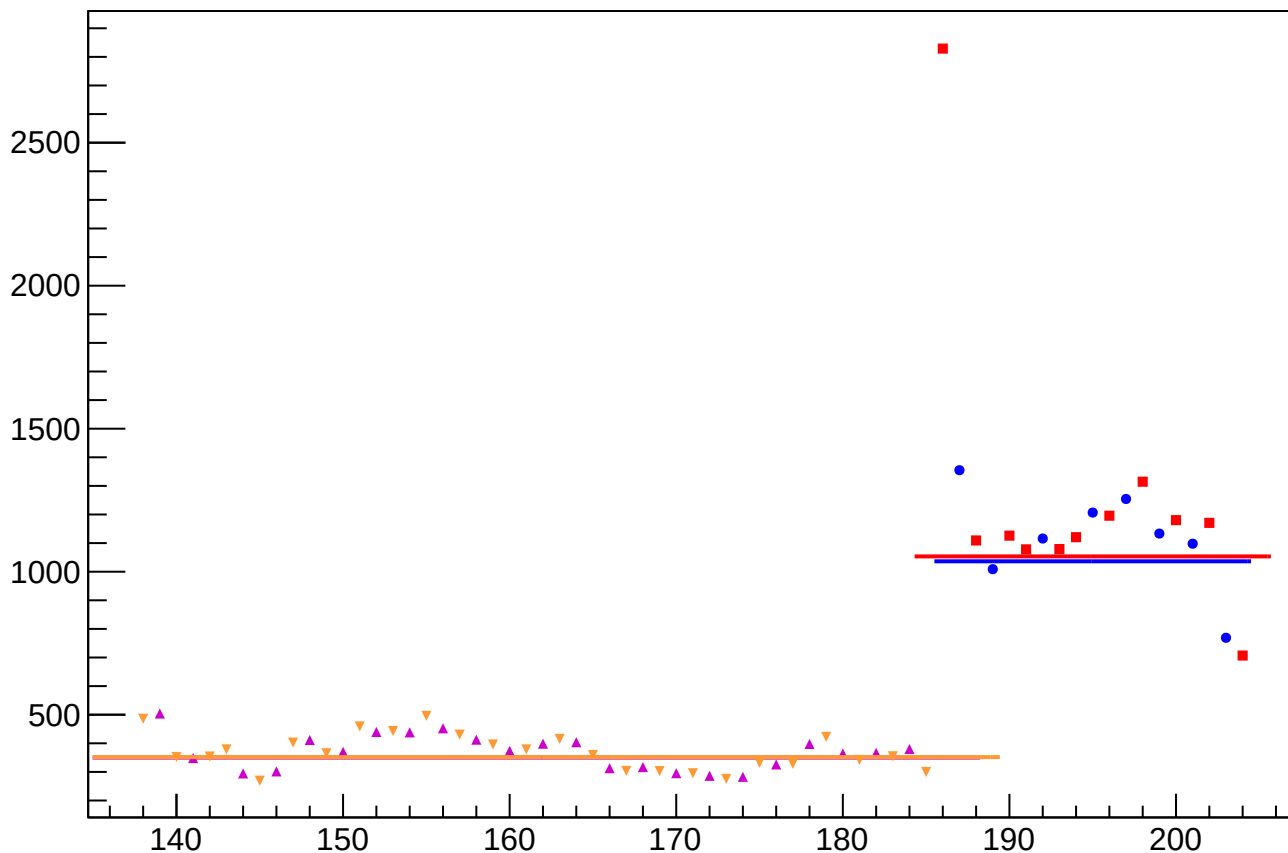
Left In: 19.328 ± 84.679 χ^2/NDF : 23.7/22

+ sign 466.642 ± 82.177 χ^2/NDF : 66.0/32

All: 254.923 ± 58.338 χ^2/NDF : 113.5/66

- sign 39.818 ± 82.831 χ^2/NDF : 34.1/33

asym_sam_1357_avg_rms vs Slug



Right In: 1036.316 $\pm$ 0.330 χ^2 /NDF: 308266.1/7

Left Out: 351.777 $\pm$ 0.059 χ^2 /NDF: 1016791.1/24

Right Out: 1053.487 $\pm$ 0.282 χ^2 /NDF: 808160.0/10

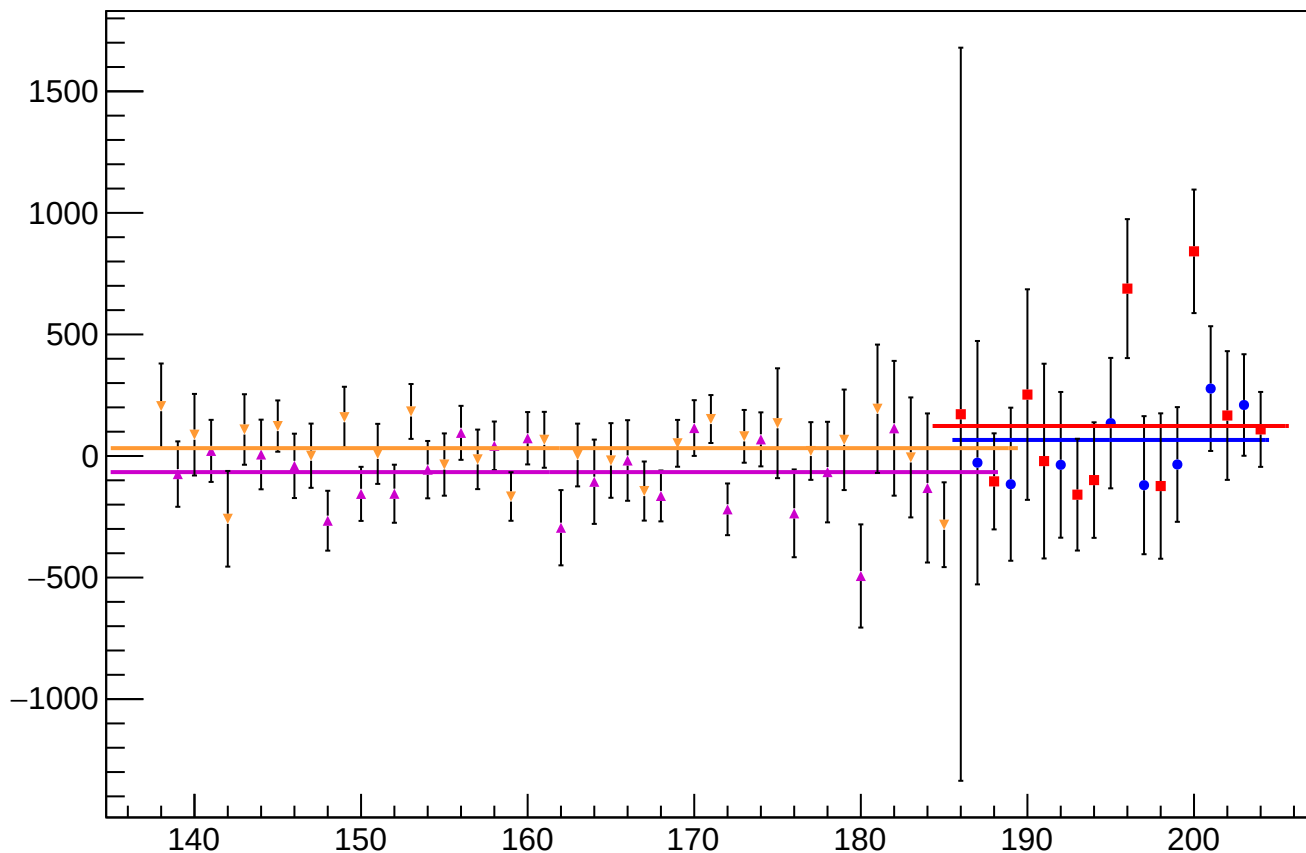
Left In: 350.037 $\pm$ 0.060 χ^2 /NDF: 889435.7/22

+ sign 372.980 $\pm$ 0.058 χ^2 /NDF: 5490527.0/32

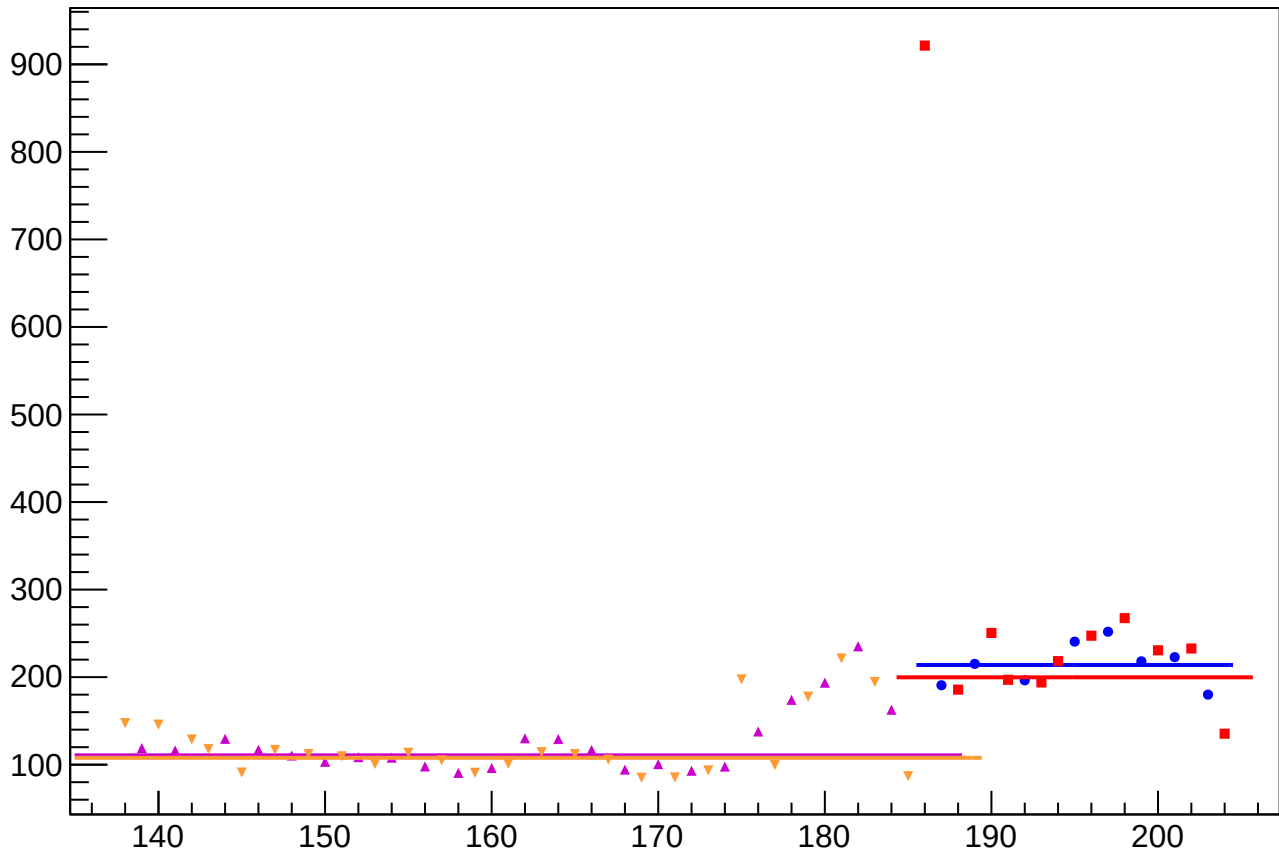
All: 376.664 $\pm$ 0.041 χ^2 /NDF: 13154964.4/66

- sign 380.407 $\pm$ 0.059 χ^2 /NDF: 7656333.8/33

dit_asym_sam_2468_avg_mean vs Slug

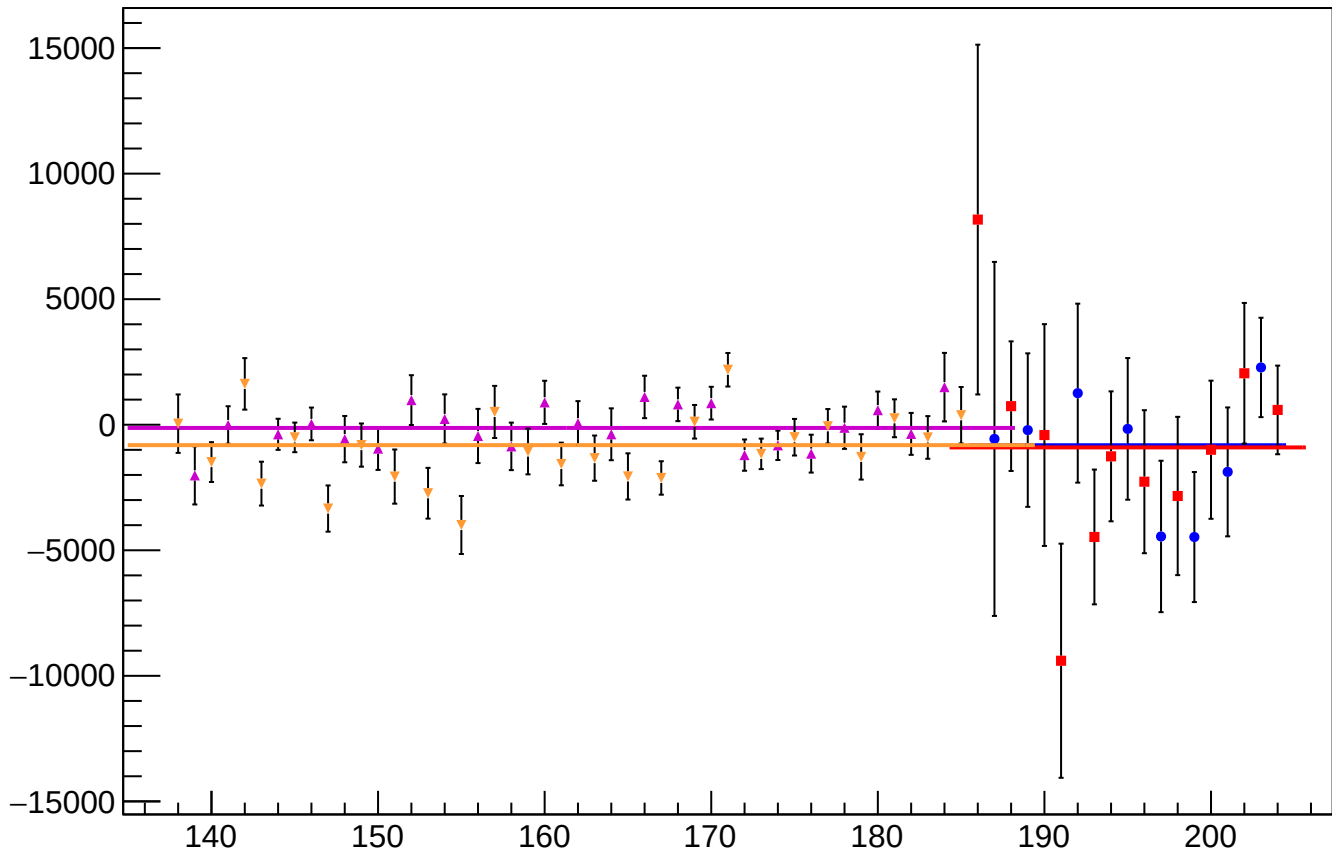


dit_asym_sam_2468_avg_rms vs Slug



Right In: 213.908 $\pm$ 0.068	χ^2 /NDF: 122166.7/7	+ sign 115.209 $\pm$ 0.018	χ^2 /NDF: 4208559.5/32
Left Out: 107.852 $\pm$ 0.019	χ^2 /NDF: 1833747.9/24	All: 117.948 $\pm$ 0.013	χ^2 /NDF: 9126554.3/66
Right Out: 199.801 $\pm$ 0.054	χ^2 /NDF: 1076438.4/10	- sign 120.786 $\pm$ 0.018	χ^2 /NDF: 4870622.0/33
Left In: 110.691 $\pm$ 0.019	χ^2 /NDF: 1406587.3/22		

asym_sam_2468_avg_correction_mean vs Slug



Right In: -816.782 ± 1001.212 χ^2/NDF : 6.5/7

Left Out: -813.029 ± 164.102 χ^2/NDF : 66.2/24

Right Out: -903.527 ± 857.300 χ^2/NDF : 9.7/10

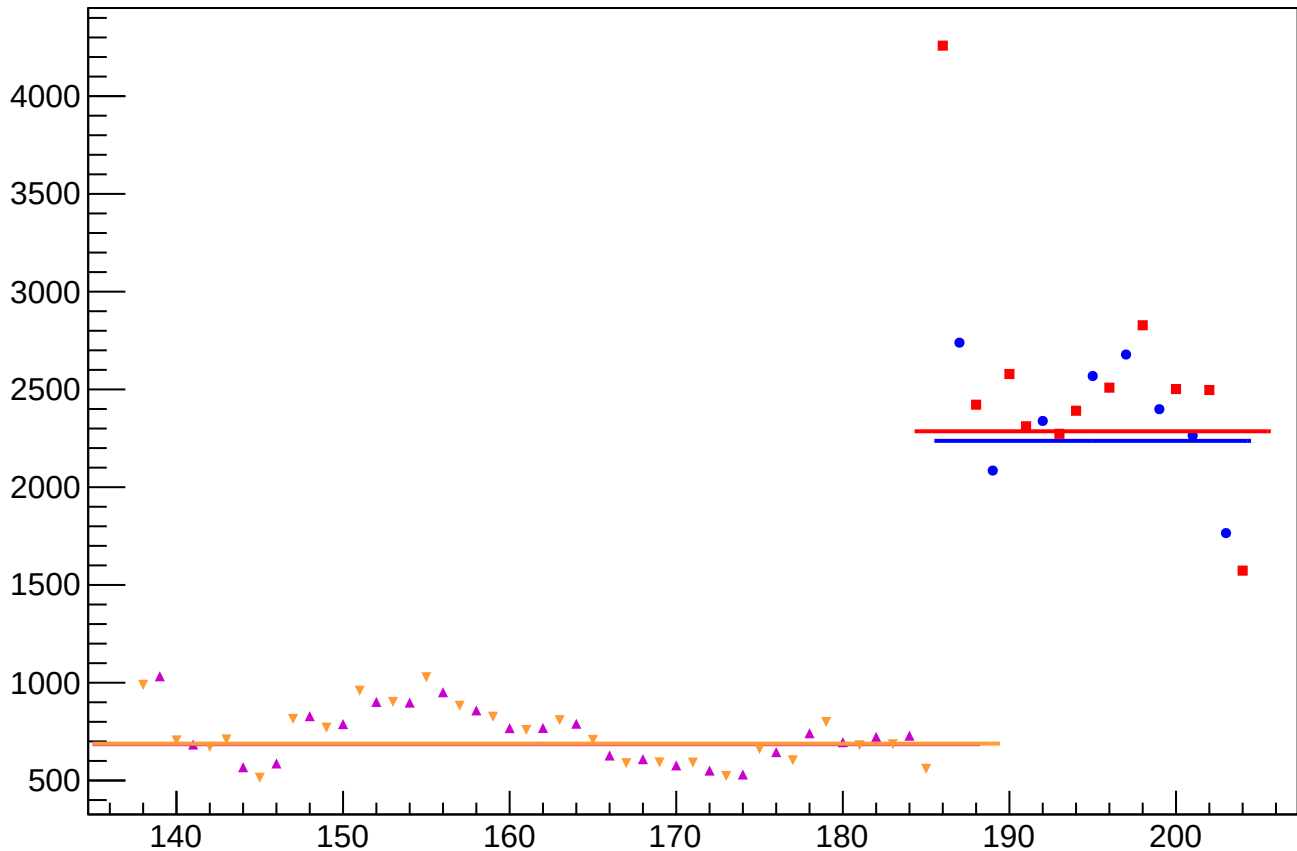
Left In: -127.427 ± 166.308 χ^2/NDF : 22.8/22

+ sign -813.127 ± 161.941 χ^2/NDF : 72.7/32

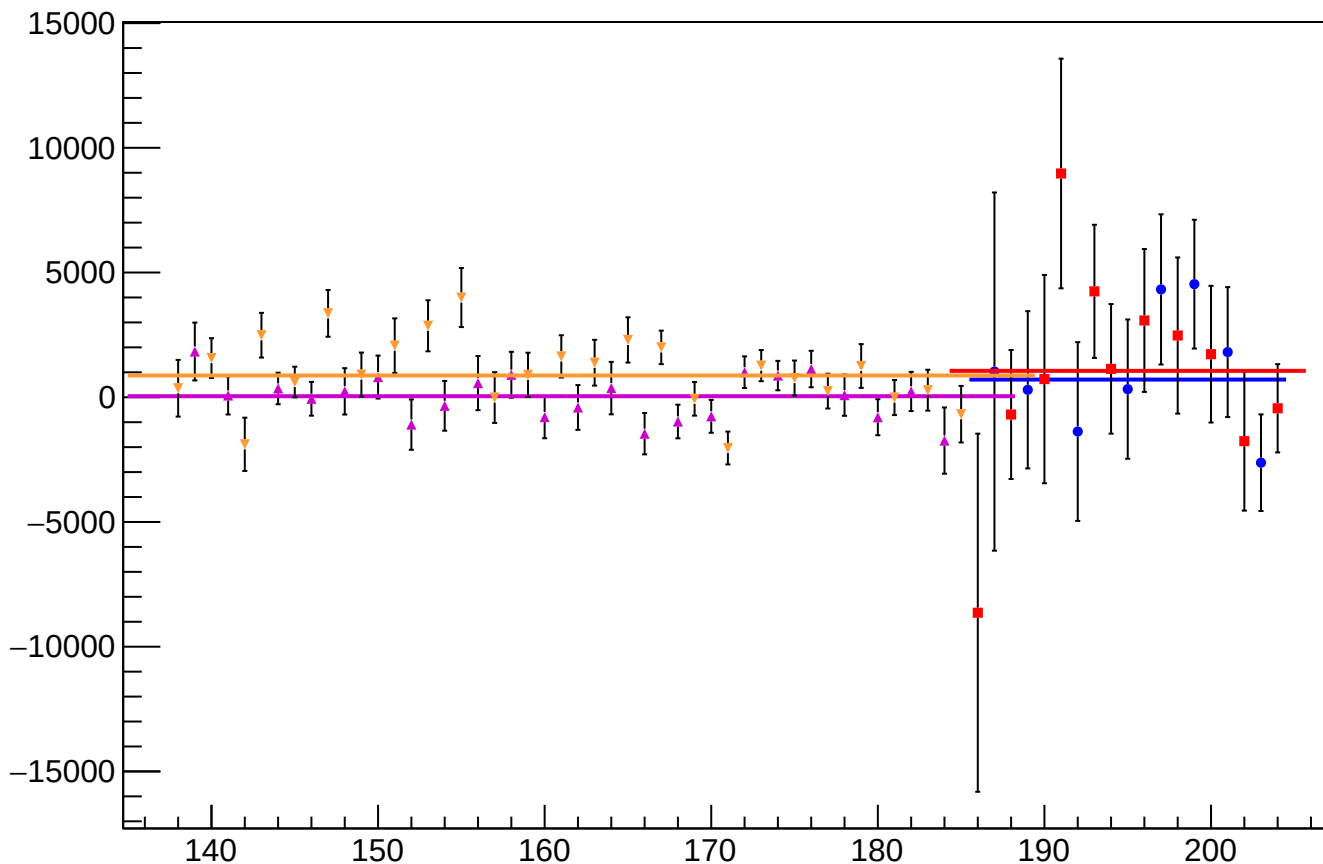
All: -487.027 ± 114.975 χ^2/NDF : 114.1/66

- sign -155.574 ± 163.265 χ^2/NDF : 33.2/33

asym_sam_2468_avg_correction_rms vs Slug



asym_sam_2468_avg_mean vs Slug



Right In: 709.002 $\pm$ 999.570 χ^2 /NDF: 7.2/7

Left Out: 873.446 $\pm$ 164.269 χ^2 /NDF:64.1/24

Right Out: 1058.777 $\pm$ 855.027 χ^2 /NDF: 9.2/10

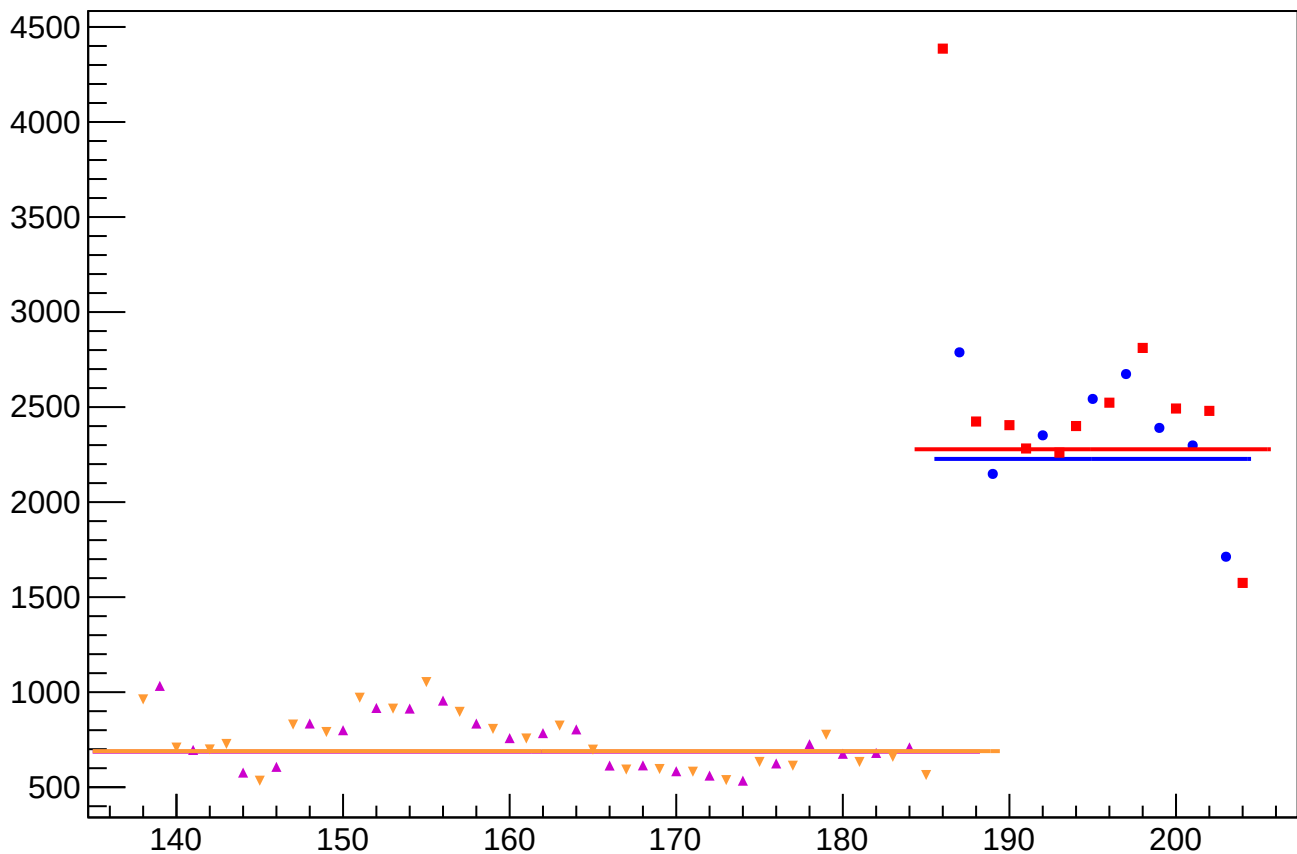
Left In: 41.522 $\pm$ 166.728 χ^2 /NDF:24.1/22

+ sign 869.122 $\pm$ 162.094 χ^2 /NDF: 71.3/32

All: 477.717 $\pm$ 115.162 χ^2 /NDF: 117.7/66

- sign 78.785 $\pm$ 163.645 χ^2 /NDF: 34.6/33

asym_sam_2468_avg_rms vs Slug



Right In: 2227.298+/-0.707 χ^2/NDF : 236278.2/7

Left Out: 689.767+/-0.116 χ^2/NDF :1258608.7/24

Right Out: 2278.074+/-0.605 χ^2/NDF : 596673.1/10

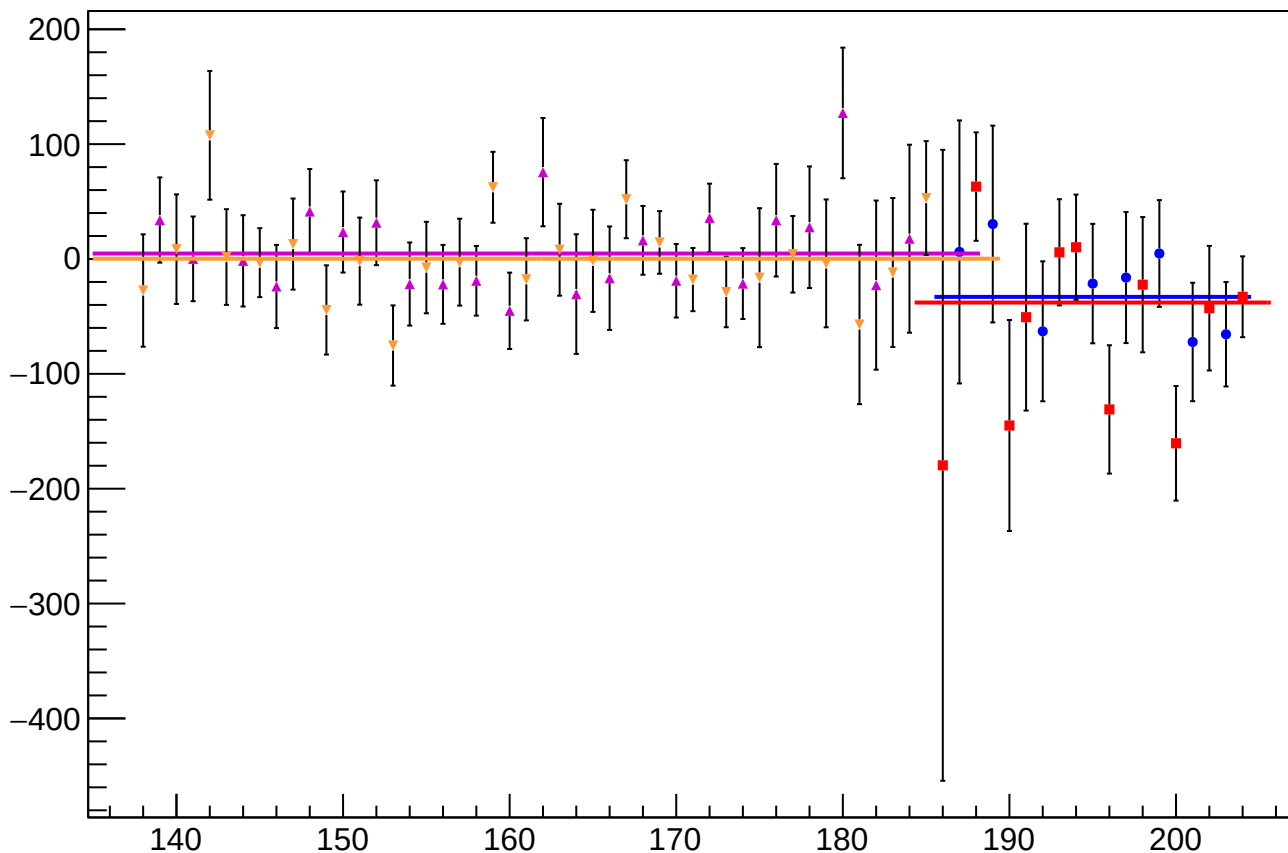
Left In: 686.944+/-0.118 χ^2/NDF :1116042.4/22

+ sign 730.199+/-0.115 χ^2/NDF : 6102520.4/32

All: 737.642+/-0.081 χ^2/NDF : 14496040.5/66

- sign 745.228+/-0.116 χ^2/NDF : 8385005.3/33

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -32.997 ± 20.072 χ^2/NDF : 2.8/7

Left Out: 0.254 ± 7.690 χ^2/NDF : 20.4/24

Right Out: -37.912 ± 16.151 χ^2/NDF : 17.1/10

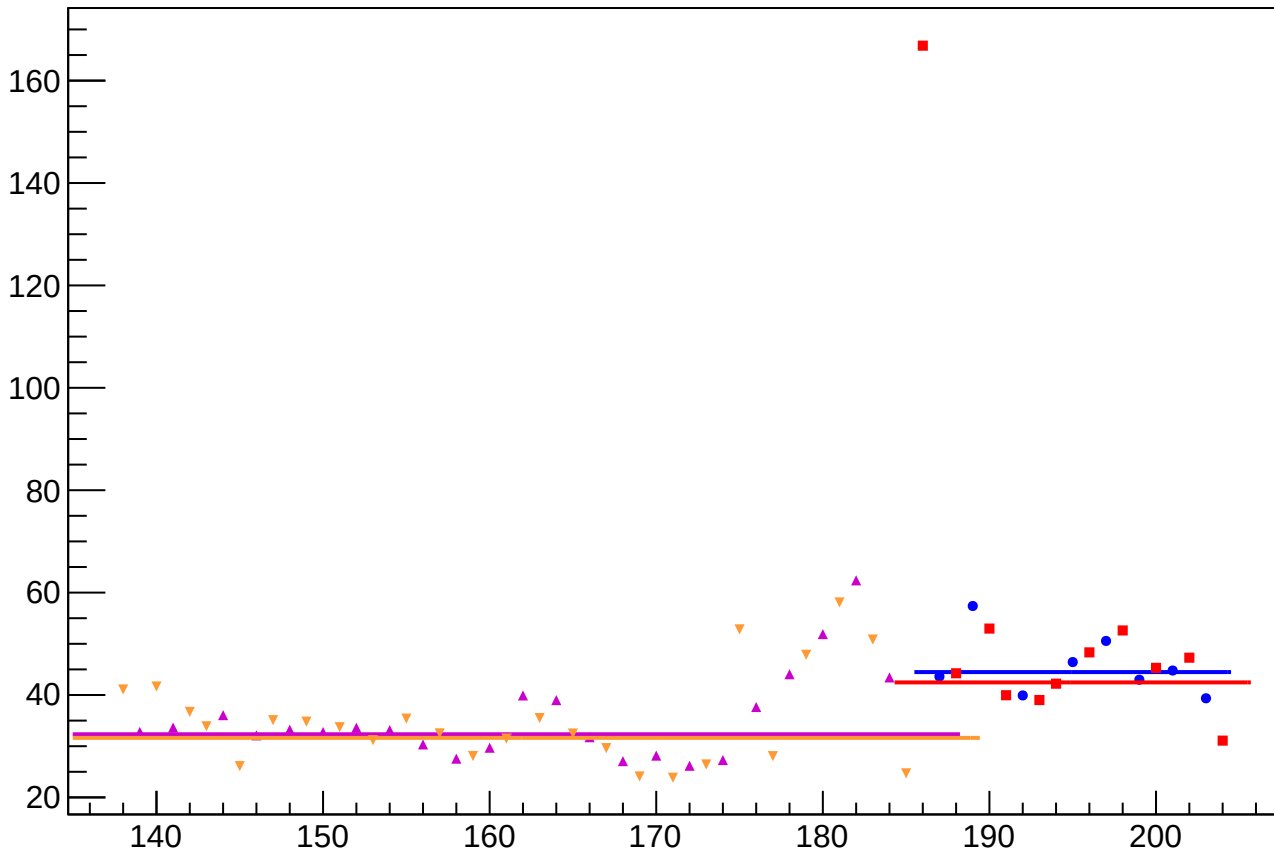
Left In: 4.745 ± 7.976 χ^2/NDF : 17.9/22

+ sign -4.002 ± 7.181 χ^2/NDF : 25.6/32

All: -3.809 ± 5.067 χ^2/NDF : 66.2/66

- sign -3.618 ± 7.151 χ^2/NDF : 40.6/33

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 44.478 $\pm$ 0.014 χ^2 /NDF: 109789.8/7

Left Out: 31.624 $\pm$ 0.005 χ^2 /NDF: 1673431.1/24

Right Out: 42.461 $\pm$ 0.011 χ^2 /NDF: 764494.7/10

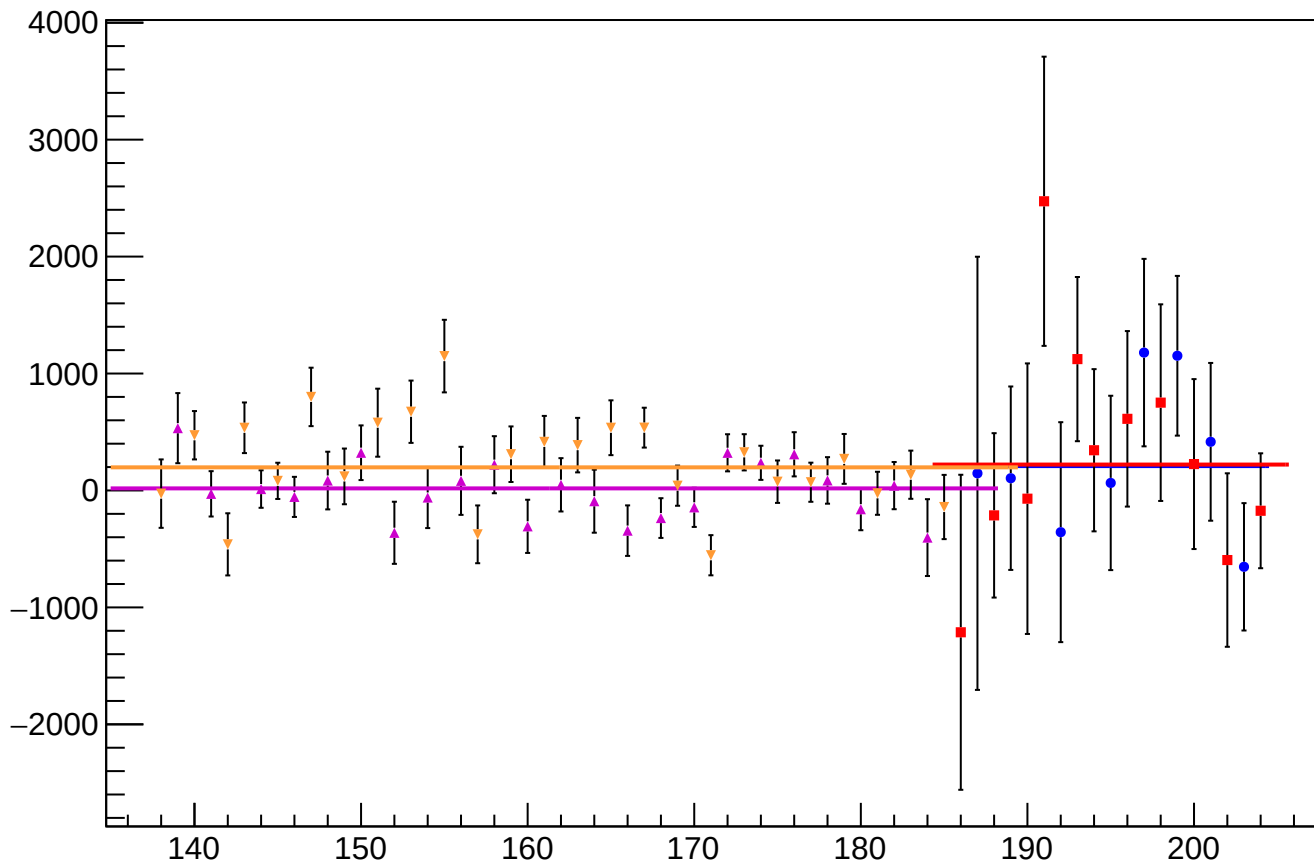
Left In: 32.331 $\pm$ 0.006 χ^2 /NDF: 1141501.0/22

+ sign 33.270 $\pm$ 0.005 χ^2 /NDF: 2498400.9/32

All: 33.796 $\pm$ 0.004 χ^2 /NDF: 5058273.0/66

- sign 34.317 $\pm$ 0.005 χ^2 /NDF: 2538505.2/33

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 208.430 $\pm$ 266.153 χ^2 /NDF: 6.4/7

Left Out: 197.682 $\pm$ 41.831 χ^2 /NDF:69.9/24

Right Out: 221.449 $\pm$ 228.647 χ^2 /NDF: 9.1/10

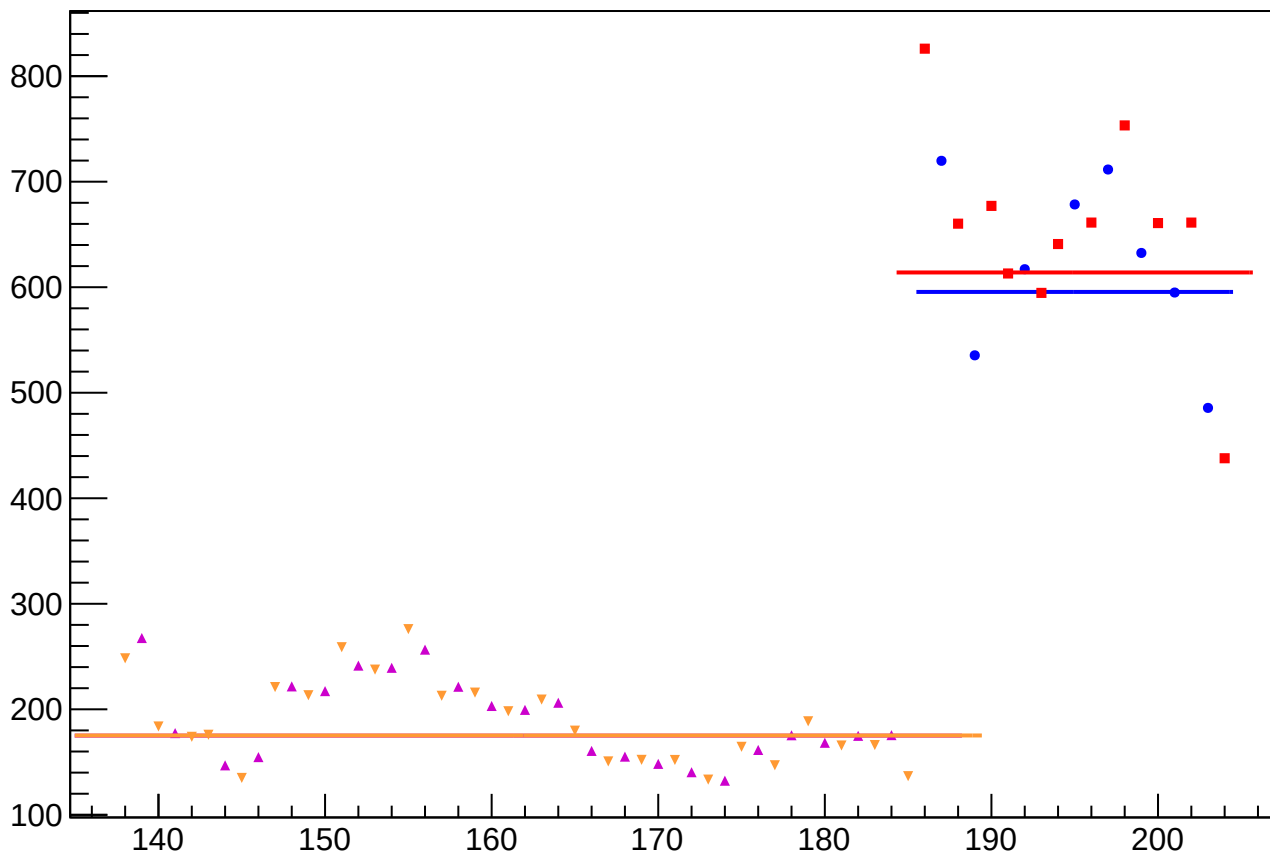
Left In: 17.742 $\pm$ 42.576 χ^2 /NDF:27.1/22

+ sign 197.941 $\pm$ 41.324 χ^2 /NDF: 76.3/32

All: 112.364 $\pm$ 29.407 χ^2 /NDF: 121.9/66

- sign 24.568 $\pm$ 41.856 χ^2 /NDF: 37.0/33

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 595.534 $\pm$ 0.188 χ^2 /NDF: 175700.2/7

Left Out: 175.207 $\pm$ 0.030 χ^2 /NDF: 1418225.0/24

Right Out: 613.978 $\pm$ 0.162 χ^2 /NDF: 404831.4/10

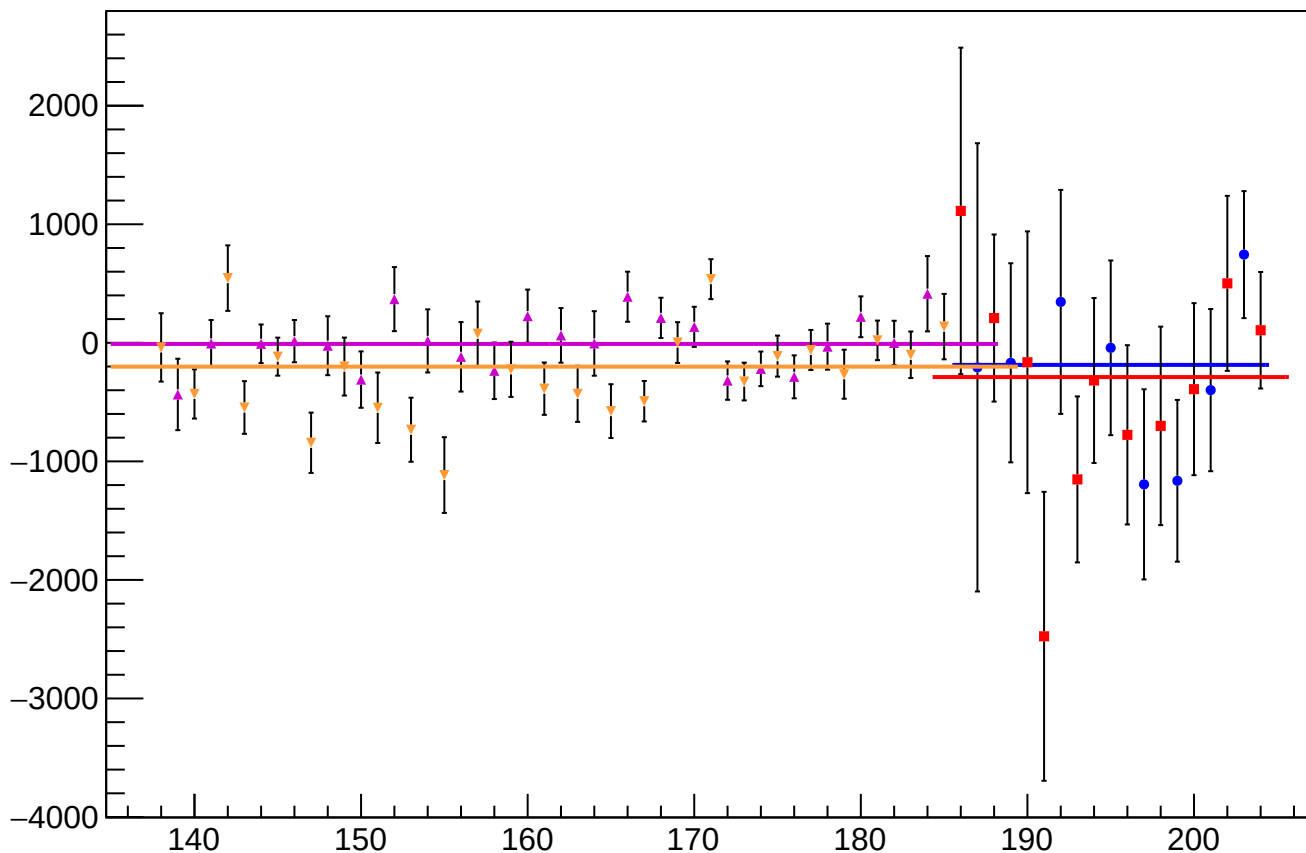
Left In: 175.051 $\pm$ 0.030 χ^2 /NDF: 1339755.1/22

+ sign 185.340 $\pm$ 0.029 χ^2 /NDF: 6461854.5/32

All: 187.522 $\pm$ 0.021 χ^2 /NDF: 15341021.8/66

- sign 189.760 $\pm$ 0.030 χ^2 /NDF: 8867873.7/33

asym_sam_1357_2468_dd_mean vs Slug



Right In: -186.163 ± 267.395 χ^2/NDF : 7.1/7

Left Out: -200.930 ± 41.741 χ^2/NDF : 65.5/24

Right Out: -288.859 ± 228.267 χ^2/NDF : 8.8/10

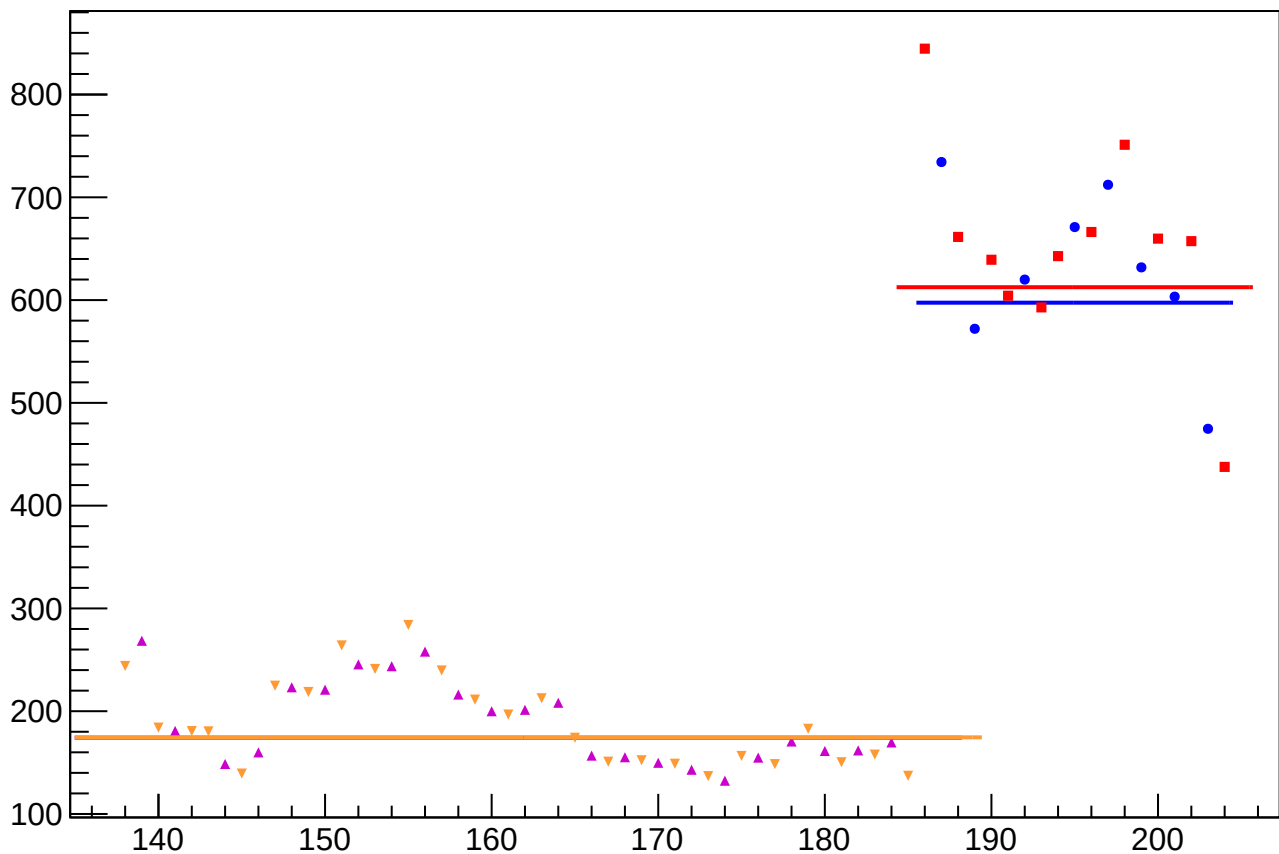
Left In: -9.384 ± 42.437 χ^2/NDF : 25.4/22

+ sign -200.579 ± 41.242 χ^2/NDF : 72.6/32

All: -110.702 ± 29.331 χ^2/NDF : 117.8/66

- sign -18.720 ± 41.722 χ^2/NDF : 35.6/33

asym_sam_1357_2468_dd_rms vs Slug



Right In: 597.479+/-0.189 χ^2/NDF : 184429.2/7

Left Out: 174.567+/-0.030 χ^2/NDF :1532900.3/24

Right Out: 612.527+/-0.161 χ^2/NDF : 406870.6/10

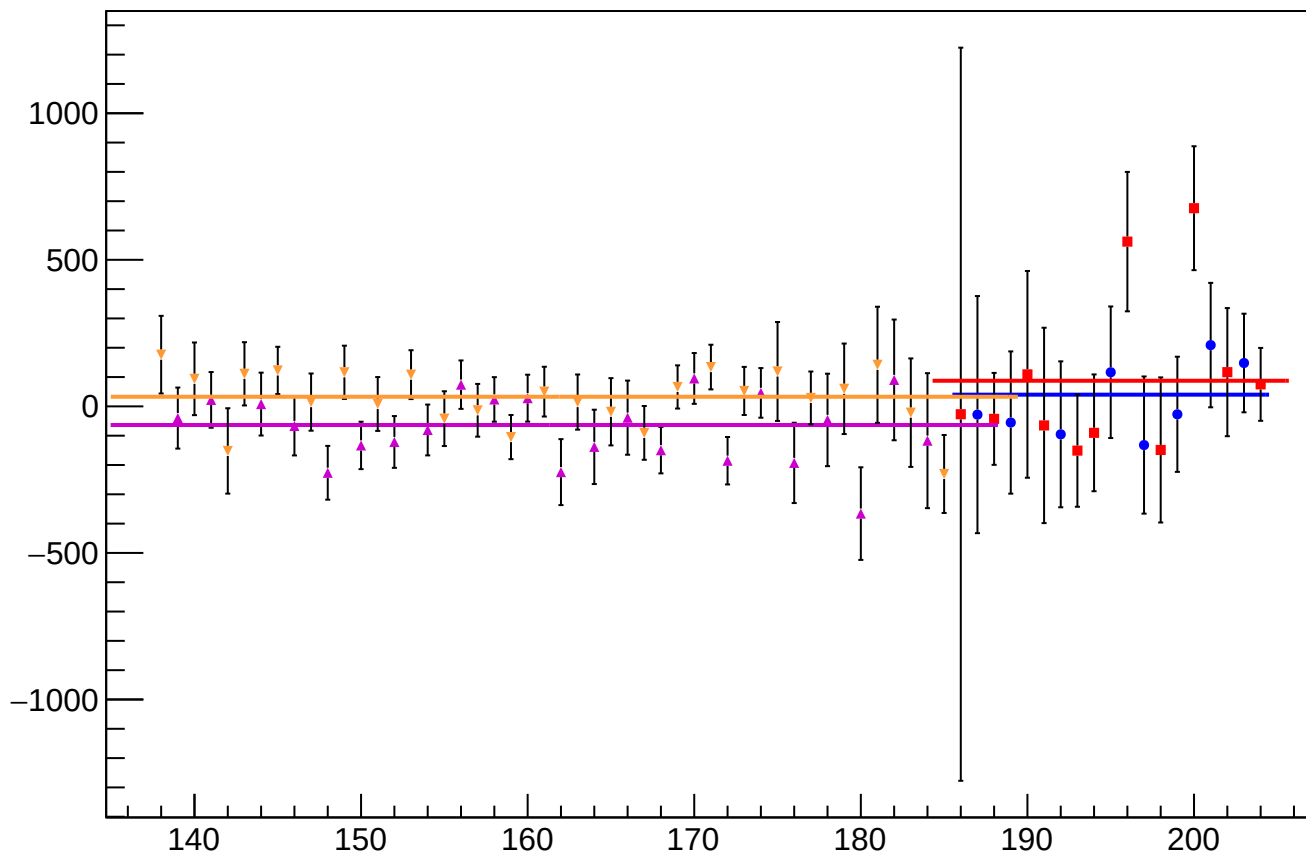
Left In: 174.217+/-0.030 χ^2/NDF :1364600.9/22

+ sign 184.627+/-0.029 χ^2/NDF : 6601234.4/32

All: 186.719+/-0.021 χ^2/NDF : 15510836.5/66

- sign 188.860+/-0.030 χ^2/NDF : 8899191.7/33

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 39.934 $\pm$ 78.856 χ^2 /NDF: 2.3/7

Left Out: 32.793 $\pm$ 19.705 χ^2 /NDF: 19.5/24

Right Out: 87.435 $\pm$ 62.897 χ^2 /NDF: 15.9/10

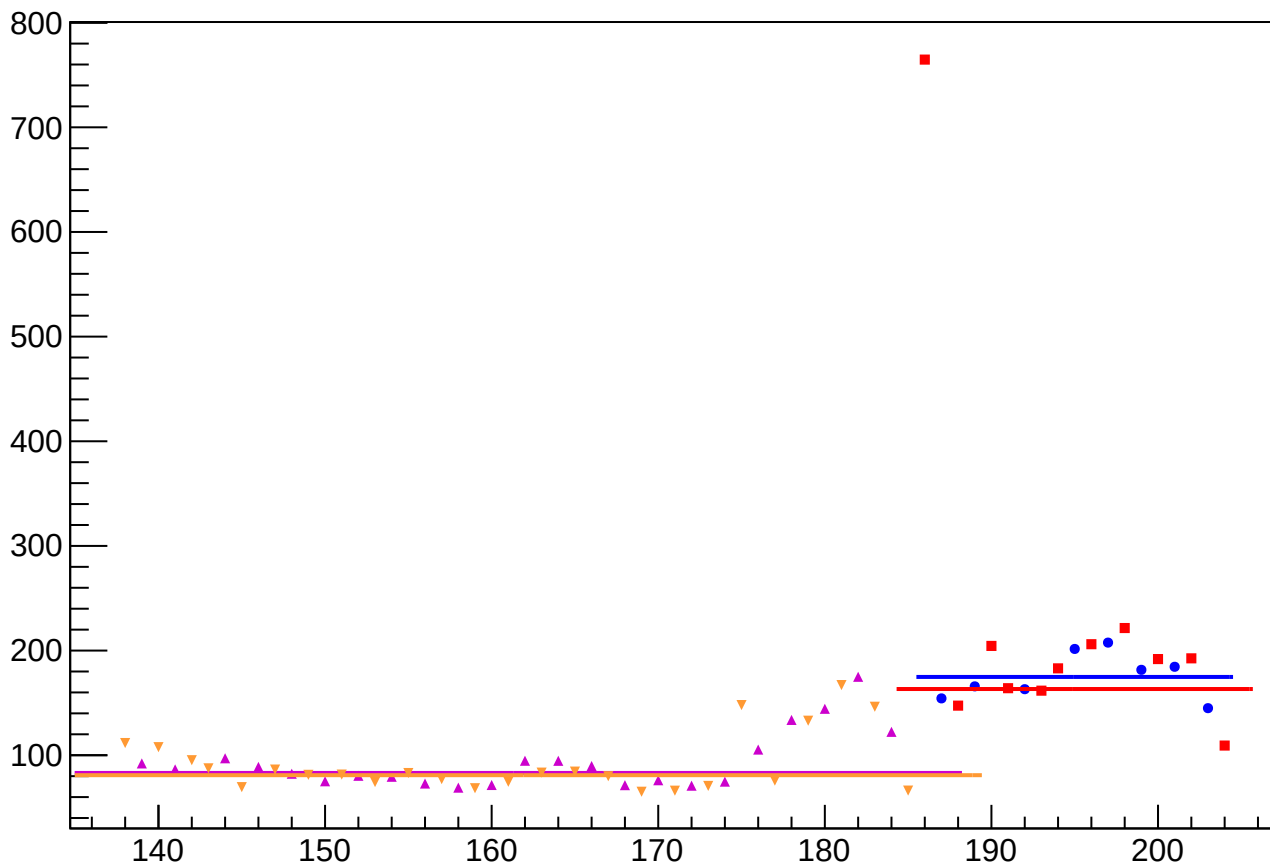
Left In: -63.566 $\pm$ 20.573 χ^2 /NDF: 27.2/22

+ sign 33.213 $\pm$ 19.117 χ^2 /NDF: 21.8/32

All: -6.952 $\pm$ 13.670 χ^2 /NDF: 79.2/66

- sign -48.972 $\pm$ 19.554 χ^2 /NDF: 48.3/33

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 174.807 $\pm$ 0.056 χ^2 /NDF: 149532.5/7

Left Out: 80.926 $\pm$ 0.014 χ^2 /NDF:1760910.0/24

Right Out: 163.263 $\pm$ 0.044 χ^2 /NDF: 1156078.6/10

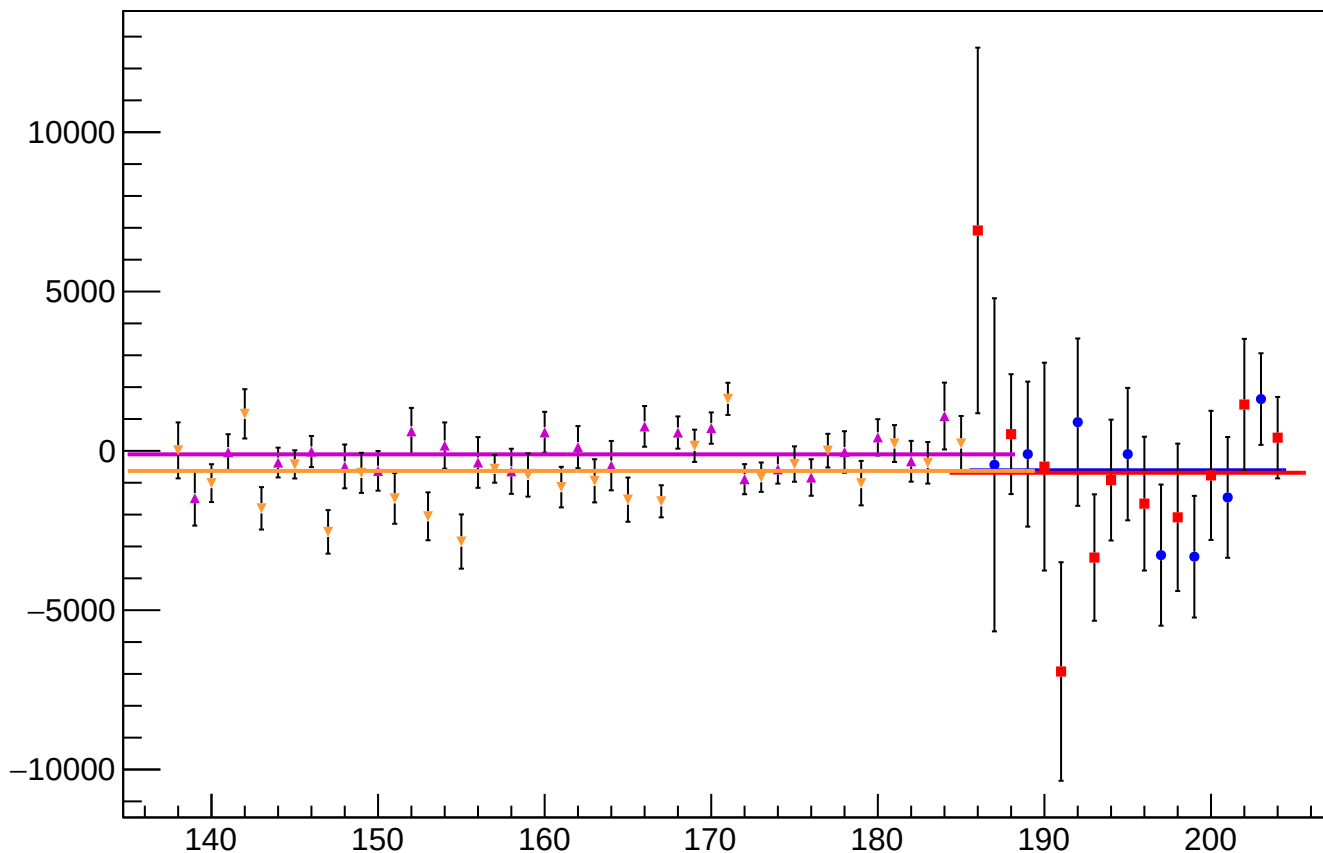
Left In: 83.071 $\pm$ 0.015 χ^2 /NDF:1405124.8/22

+ sign 86.444 $\pm$ 0.014 χ^2 /NDF: 4578544.2/32

All: 88.583 $\pm$ 0.010 χ^2 /NDF: 10127833.8/66

- sign 90.821 $\pm$ 0.014 χ^2 /NDF: 5498056.1/33

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -609.801+/-735.839 χ^2/NDF : 6.5/7

Left Out: -629.005+/-120.608 χ^2/NDF : 63.2/24

Right Out: -687.143+/-628.731 χ^2/NDF : 9.7/10

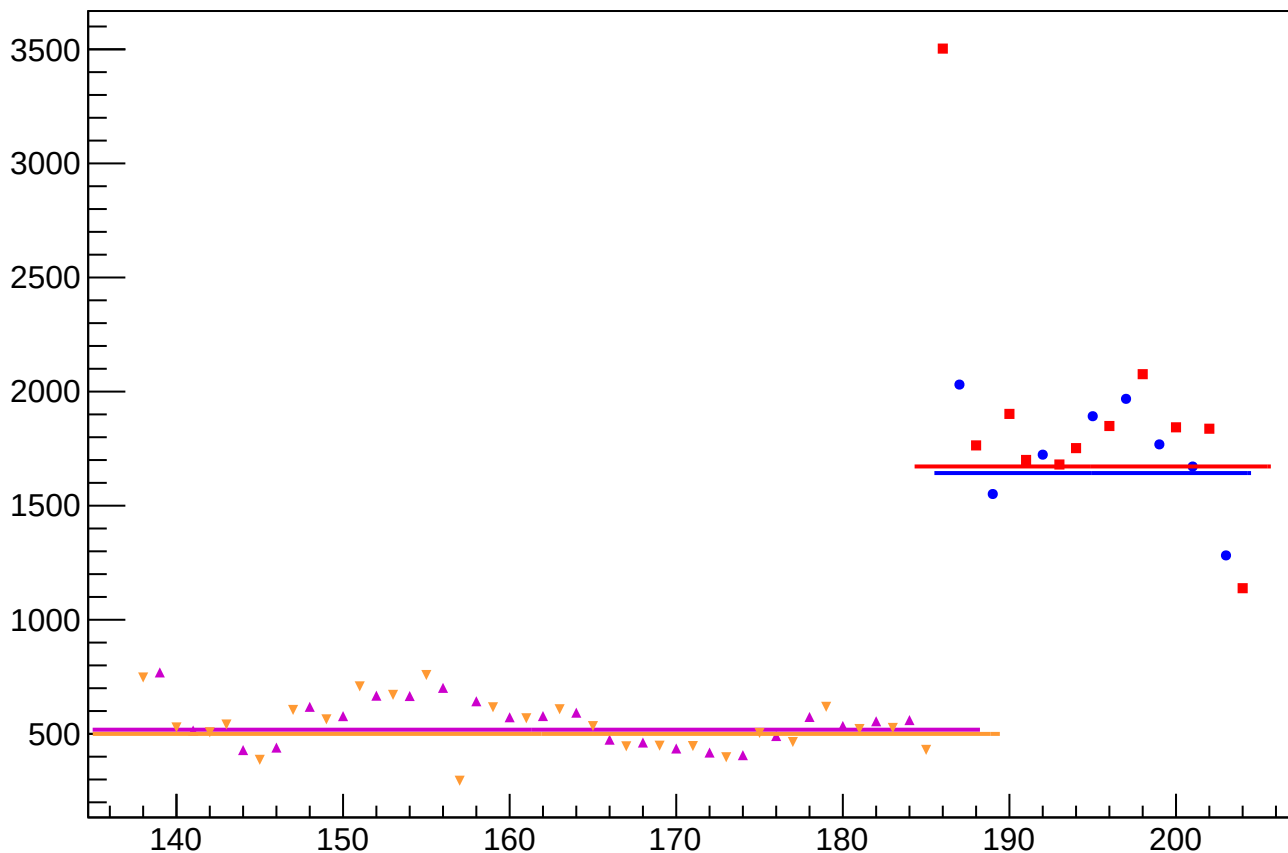
Left In: -108.821+/-125.527 χ^2/NDF : 21.4/22

+ sign -628.503+/-119.020 χ^2/NDF : 69.7/32

All: -388.124+/-85.565 χ^2/NDF : 110.1/66

- sign -130.990+/-123.098 χ^2/NDF : 32.0/33

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1642.950+/-0.520 χ^2/NDF : 223195.7/7

Left Out: 499.813+/-0.085 χ^2/NDF : 1626530.8/24

Right Out: 1671.841+/-0.445 χ^2/NDF : 673912.4/10

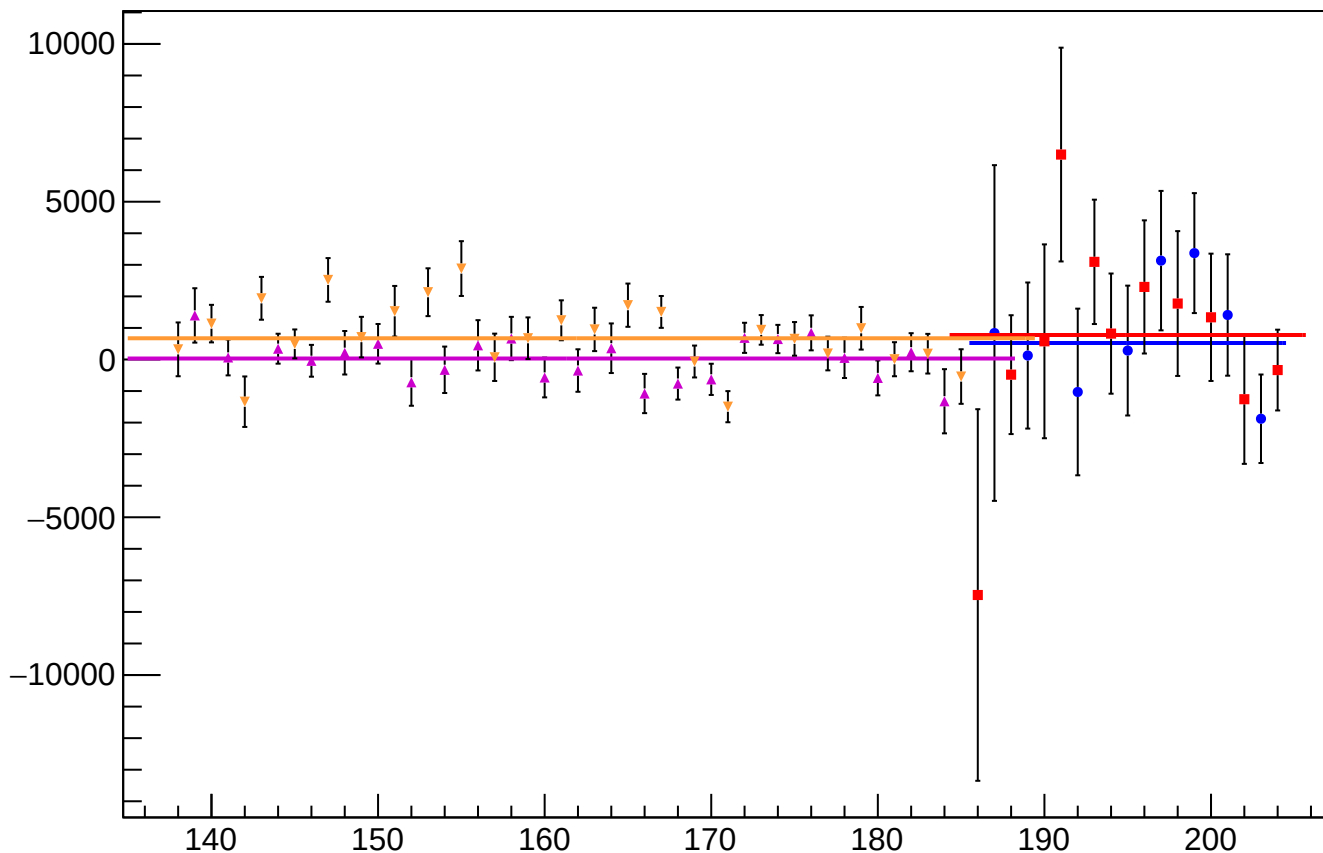
Left In: 518.244+/-0.089 χ^2/NDF : 1071993.3/22

+ sign 529.720+/-0.084 χ^2/NDF : 6550268.8/32

All: 545.541+/-0.061 χ^2/NDF : 14844222.4/66

- sign 562.465+/-0.087 χ^2/NDF : 8220809.8/33

asym_sam_12345678_avg_mean vs Slug



Right In: 522.616+/-732.857 χ^2/NDF : 7.2/7

Left Out: 672.498+/-123.428 χ^2/NDF : 62.8/24

Right Out: 776.254+/-626.696 χ^2/NDF : 9.2/10

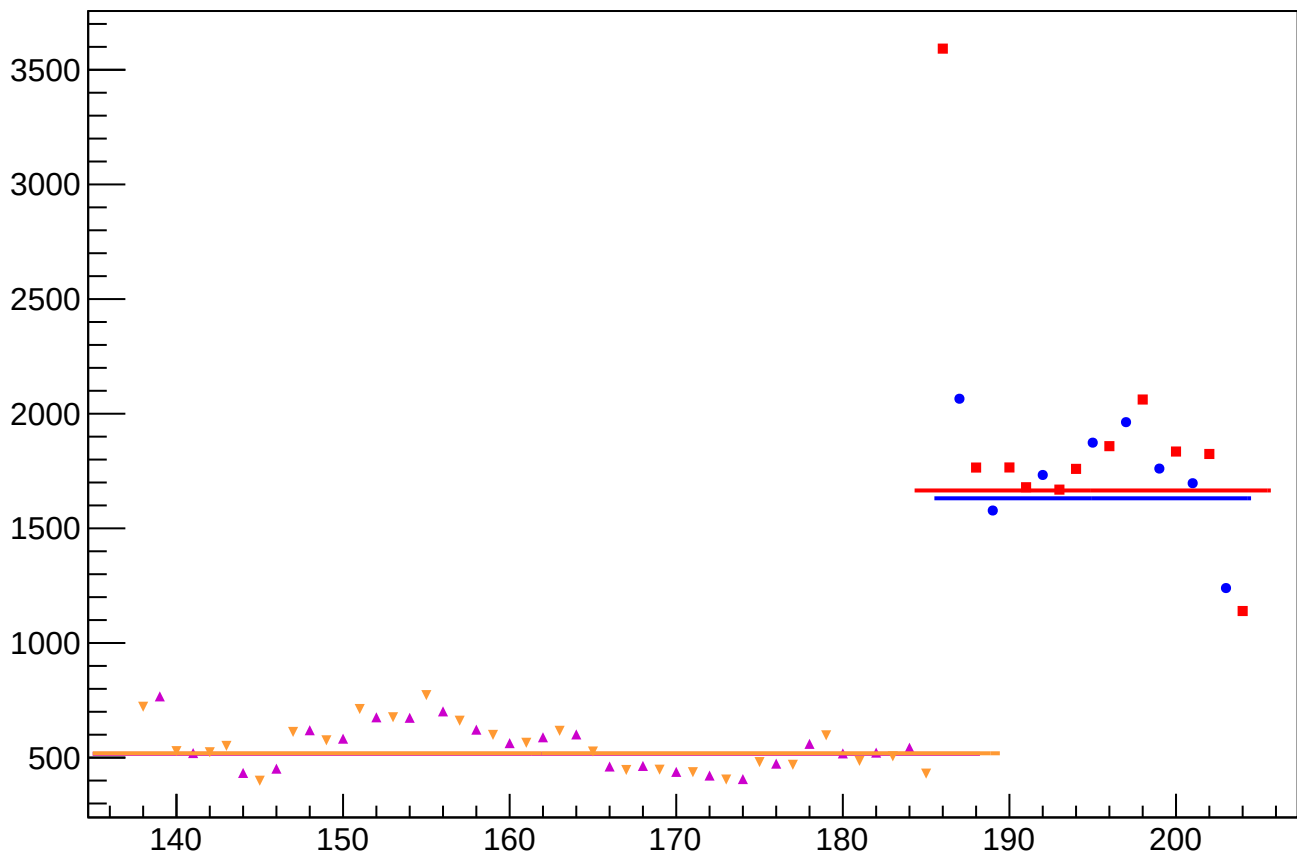
Left In: 31.056+/-125.236 χ^2/NDF : 23.8/22

+ sign 668.364+/-121.714 χ^2/NDF : 70.0/32

All: 366.743+/-86.449 χ^2/NDF : 116.7/66

- sign 59.672+/-122.808 χ^2/NDF : 34.4/33

asym_sam_12345678_avg_rms vs Slug



Right In: 1631.071+/-0.518 χ^2/NDF : 257864.4/7

Left Out: 518.935+/-0.087 χ^2/NDF :1172613.9/24

Right Out: 1665.230+/-0.443 χ^2/NDF : 667231.9/10

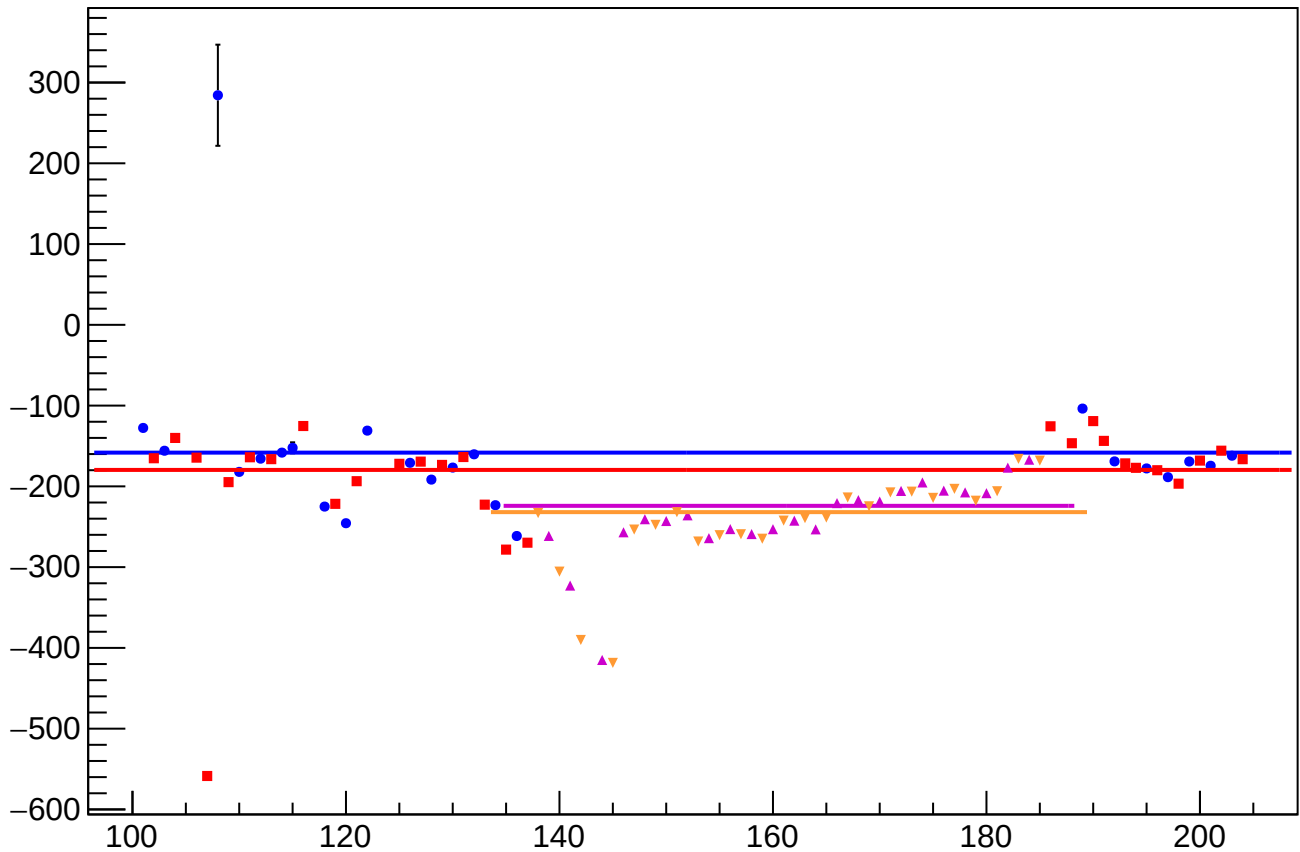
Left In: 516.594+/-0.089 χ^2/NDF :1036092.8/22

+ sign 549.611+/-0.086 χ^2/NDF : 5909259.9/32

All: 555.107+/-0.061 χ^2/NDF : 14081450.5/66

- sign 560.703+/-0.087 χ^2/NDF : 8163960.3/33

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 127132.4/22$

Left Out: -231.902 ± 0.108 $\chi^2/\text{NDF}: 110473.4/23$

Right Out: -179.640 ± 0.087 $\chi^2/\text{NDF}: 169145.7/27$

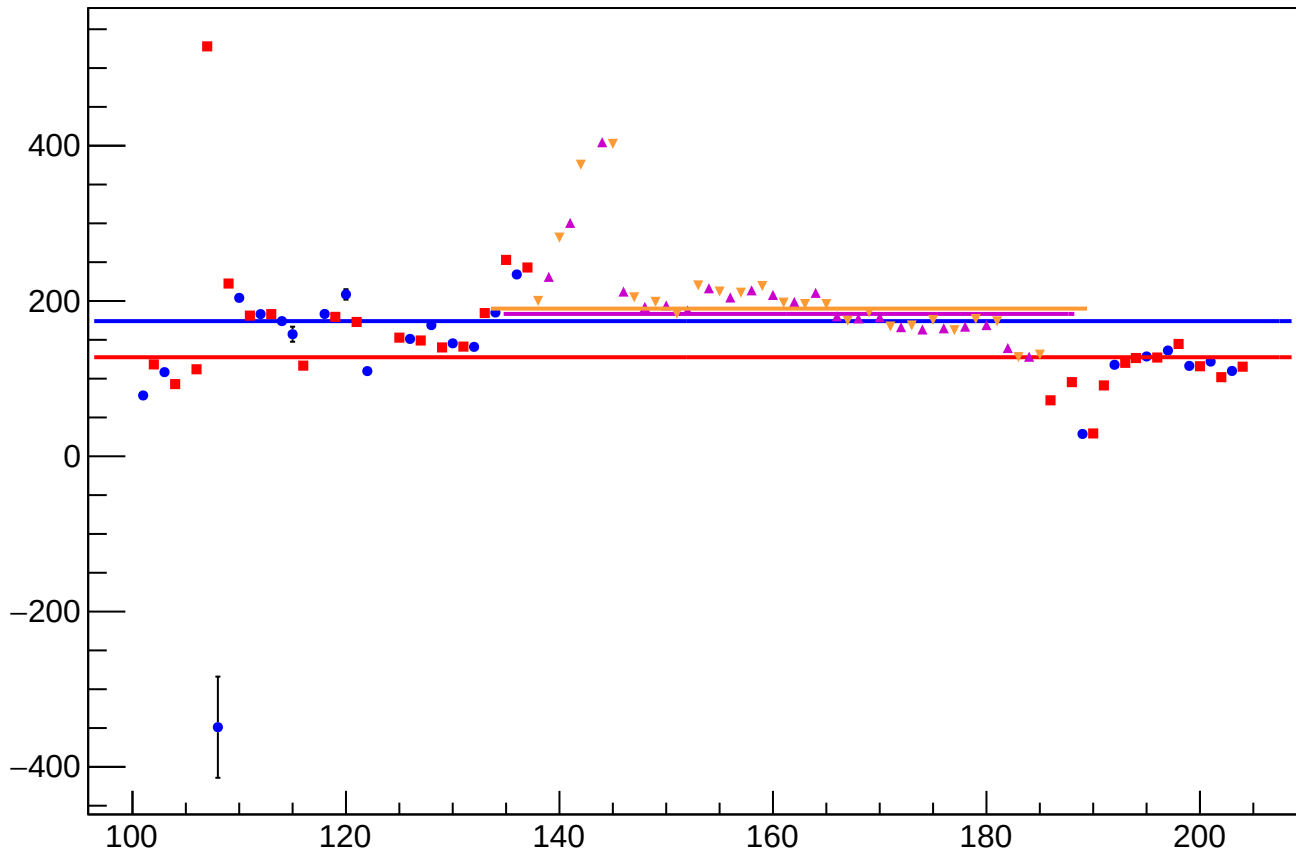
Left In: -224.103 ± 0.098 $\chi^2/\text{NDF}: 153347.0/22$

+ sign -158.222 ± 0.000 $\chi^2/\text{NDF}: 701769.5/46$

All: -158.222 ± 0.000 $\chi^2/\text{NDF}: 1534066.6/97$

- sign -199.197 ± 0.065 $\chi^2/\text{NDF}: 437134.3/50$

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 170452.8/22

Left Out: 190.208 $\pm$ 0.109 χ^2 /NDF:99613.5/23

Right Out: 127.586 $\pm$ 0.088 χ^2 /NDF: 165200.6/27

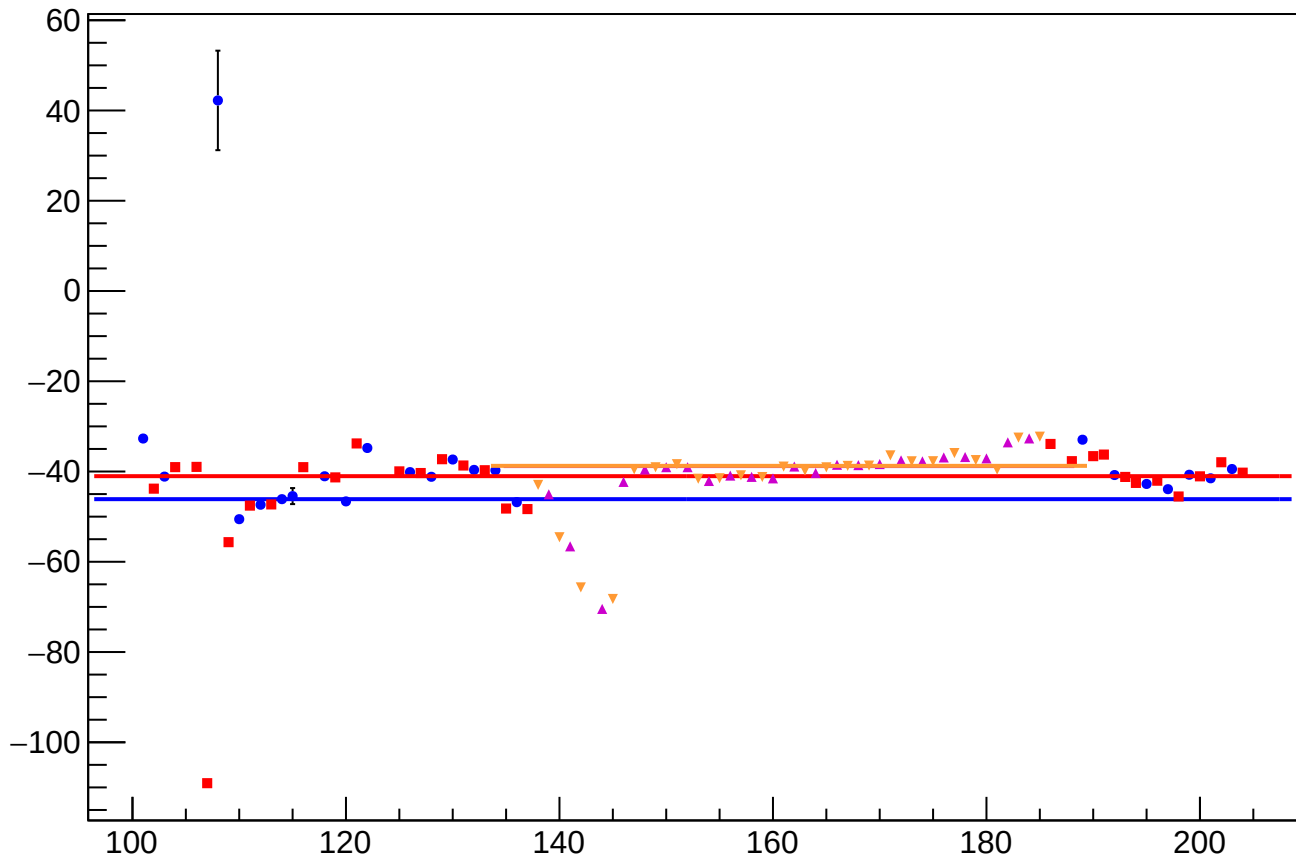
Left In: 183.362 $\pm$ 0.099 χ^2 /NDF:155441.6/22

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 292080.0/46

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 902913.3/97

- sign 152.103 $\pm$ 0.066 χ^2 /NDF: 498621.9/50

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 $\chi^2/\text{NDF}: 467411.0/22$

Left Out: -38.745 ± 0.006 $\chi^2/\text{NDF}: 400638.0/23$

Right Out: -41.030 ± 0.011 $\chi^2/\text{NDF}: 307295.3/27$

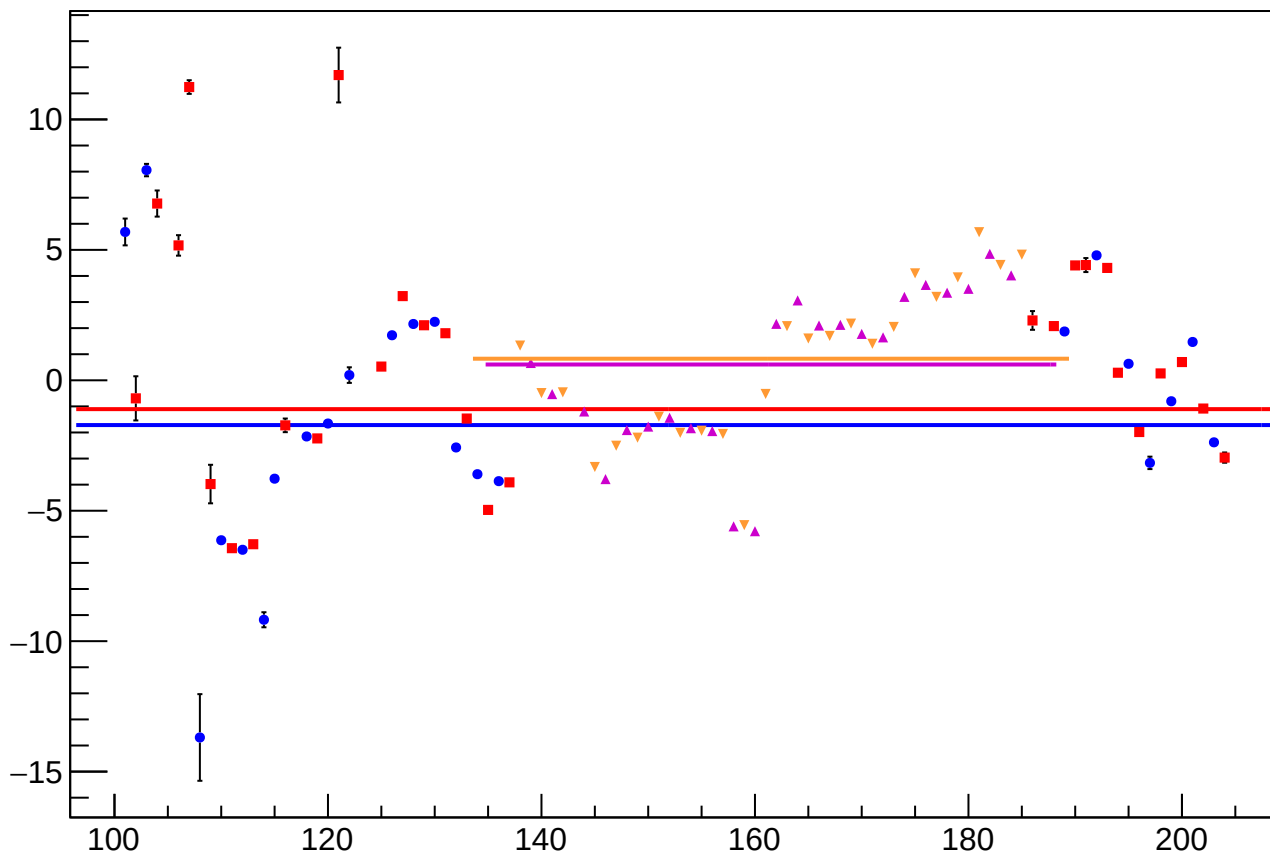
Left In: -38.794 ± 0.007 $\chi^2/\text{NDF}: 321993.9/22$

+ sign -46.126 ± 0.000 $\chi^2/\text{NDF}: 2445234.2/46$

All: -46.126 ± 0.000 $\chi^2/\text{NDF}: 4544298.5/97$

- sign -39.377 ± 0.006 $\chi^2/\text{NDF}: 659739.7/50$

dit_usl_4aY_slope vs Slug



Right In: -1.716 ± 0.017 χ^2/NDF : 31741.8/22

Left Out: 0.828 ± 0.006 χ^2/NDF : 255303.5/23

Right Out: -1.105 ± 0.019 χ^2/NDF : 35971.9/27

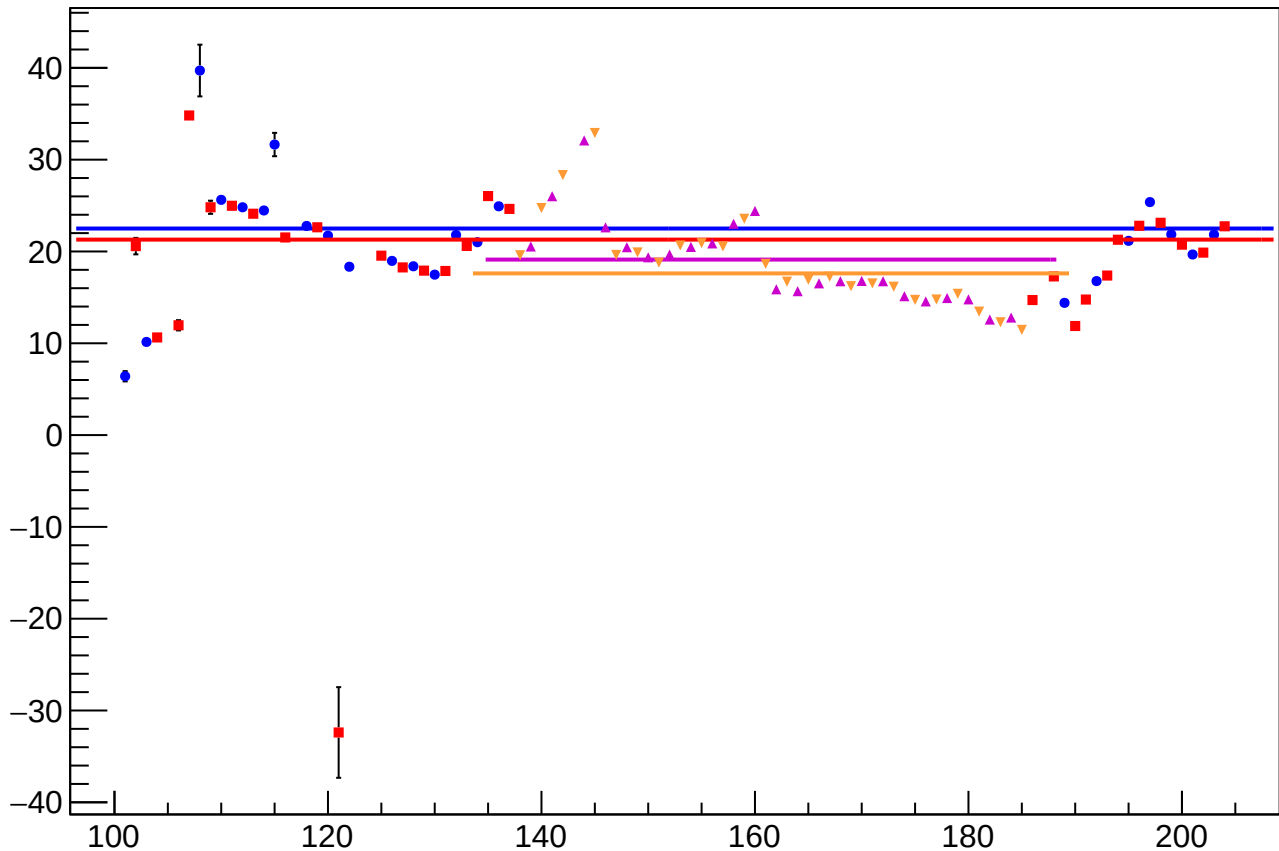
Left In: 0.606 ± 0.005 χ^2/NDF : 331282.7/22

+ sign 0.528 ± 0.006 χ^2/NDF : 307389.1/46

All: 0.507 ± 0.004 χ^2/NDF : 682251.7/97

- sign 0.493 ± 0.005 χ^2/NDF : 374841.0/50

dit_usl_4eY_slope vs Slug



Right In: 22.499 $\pm$ 0.018 χ^2 /NDF: 25907.0/22

Left Out: 17.613 $\pm$ 0.007 χ^2 /NDF:178438.8/23

Right Out: 21.291 $\pm$ 0.019 χ^2 /NDF: 28695.8/27

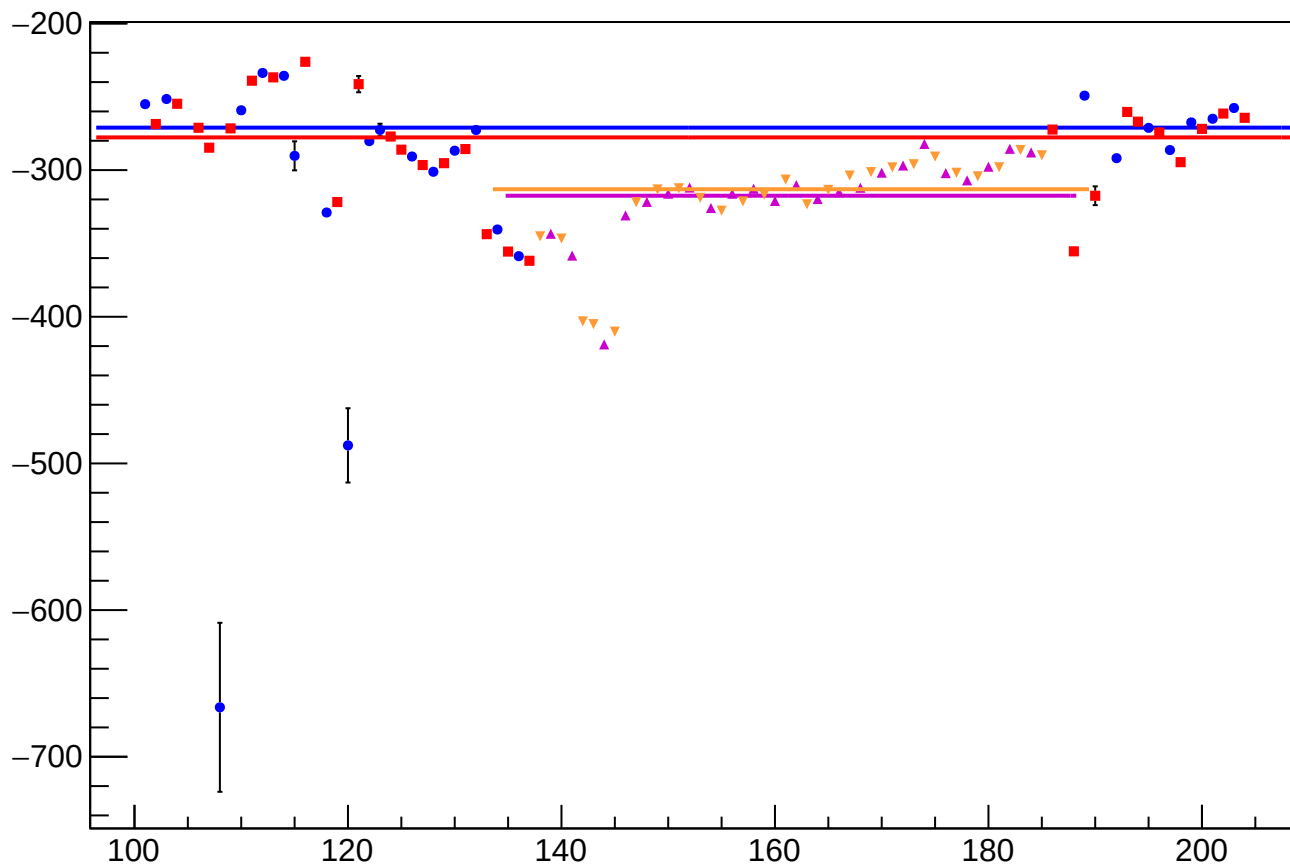
Left In: 19.117 $\pm$ 0.007 χ^2 /NDF:229353.0/22

+ sign 18.292 $\pm$ 0.007 χ^2 /NDF: 269654.8/46

All: 18.839 $\pm$ 0.005 χ^2 /NDF: 553182.3/97

- sign 19.389 $\pm$ 0.007 χ^2 /NDF: 269795.4/50

dit_usr_4aX_slope vs Slug



Right In: -271.050 ± 0.108 χ^2/NDF : 61963.4/23

Left Out: -313.052 ± 0.096 χ^2/NDF : 54405.8/24

Right Out: -277.714 ± 0.091 χ^2/NDF : 70124.0/27

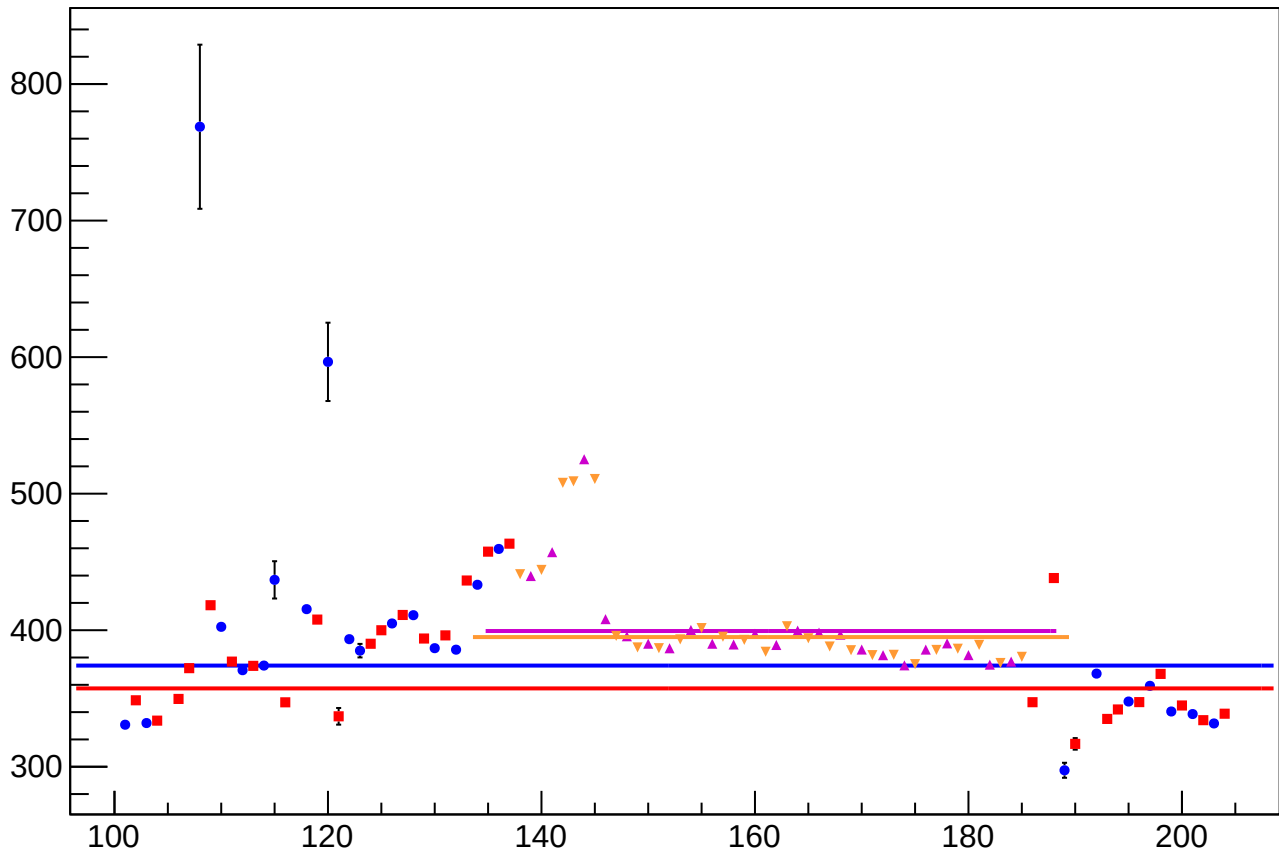
Left In: -317.471 ± 0.095 χ^2/NDF : 63067.6/22

+ sign -294.588 ± 0.072 χ^2/NDF : 200819.0/48

All: -295.711 ± 0.048 χ^2/NDF : 425753.5/99

- sign -296.654 ± 0.066 χ^2/NDF : 224483.5/50

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 98625.7/23

Left Out: 394.968 $\pm$ 0.096 χ^2 /NDF: 68076.2/24

Right Out: 357.374 $\pm$ 0.090 χ^2 /NDF: 104995.9/27

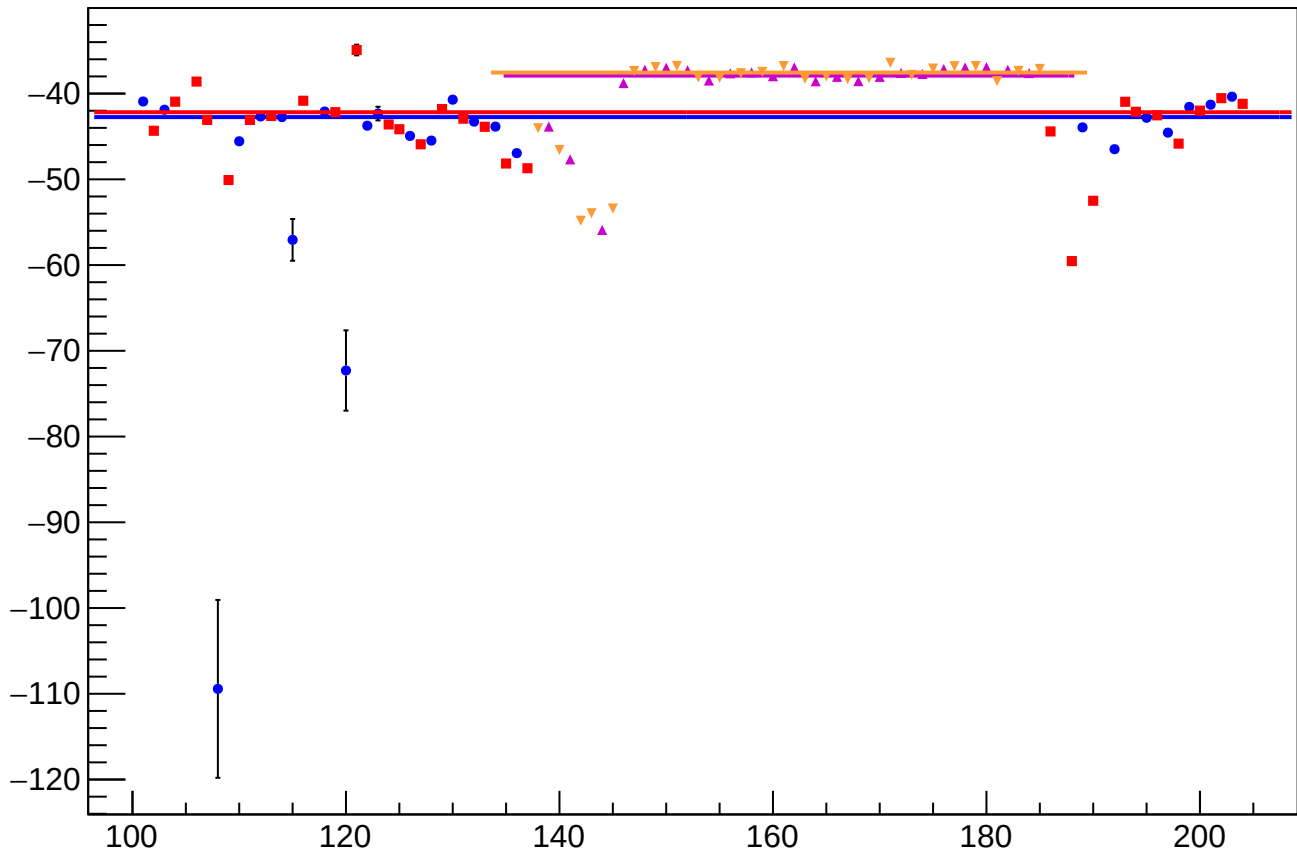
Left In: 399.410 $\pm$ 0.097 χ^2 /NDF: 77209.0/22

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 213972.6/48

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 498778.4/99

- sign 376.916 $\pm$ 0.066 χ^2 /NDF: 282980.3/50

dit_usr_11X12X_slope vs Slug



Right In: -42.744 ± 0.000 χ^2/NDF : 20813.6/23

Left Out: -37.547 ± 0.004 χ^2/NDF : 267131.7/24

Right Out: -42.175 ± 0.011 χ^2/NDF : 26473.4/27

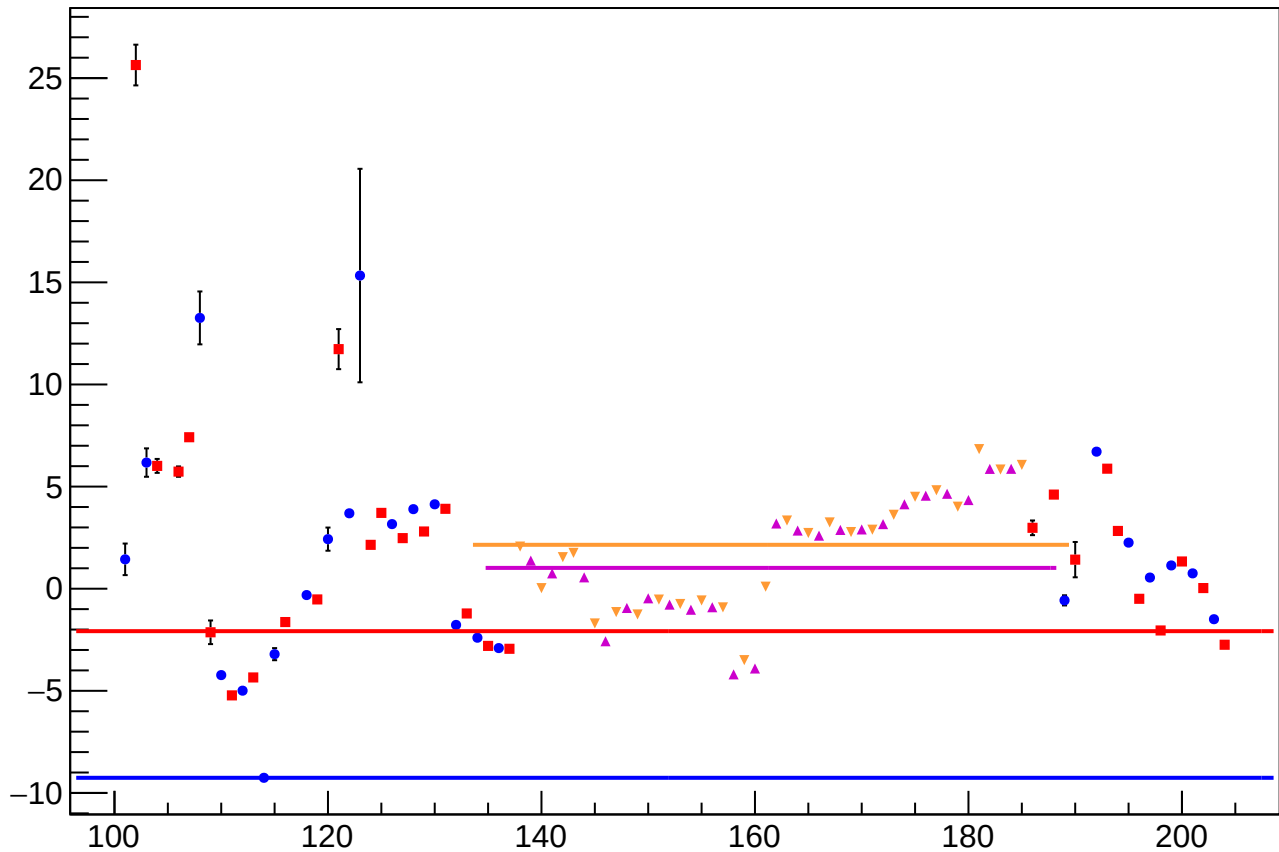
Left In: -37.903 ± 0.004 χ^2/NDF : 156960.8/22

+ sign -42.744 ± 0.000 χ^2/NDF : 2123493.3/48

All: -42.744 ± 0.000 χ^2/NDF : 3671500.7/99

- sign -38.436 ± 0.004 χ^2/NDF : 315761.9/50

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 $\chi^2/\text{NDF}: 471608.7/23$

Left Out: 2.149 ± 0.005 $\chi^2/\text{NDF}: 290739.3/24$

Right Out: -2.079 ± 0.008 $\chi^2/\text{NDF}: 70143.0/27$

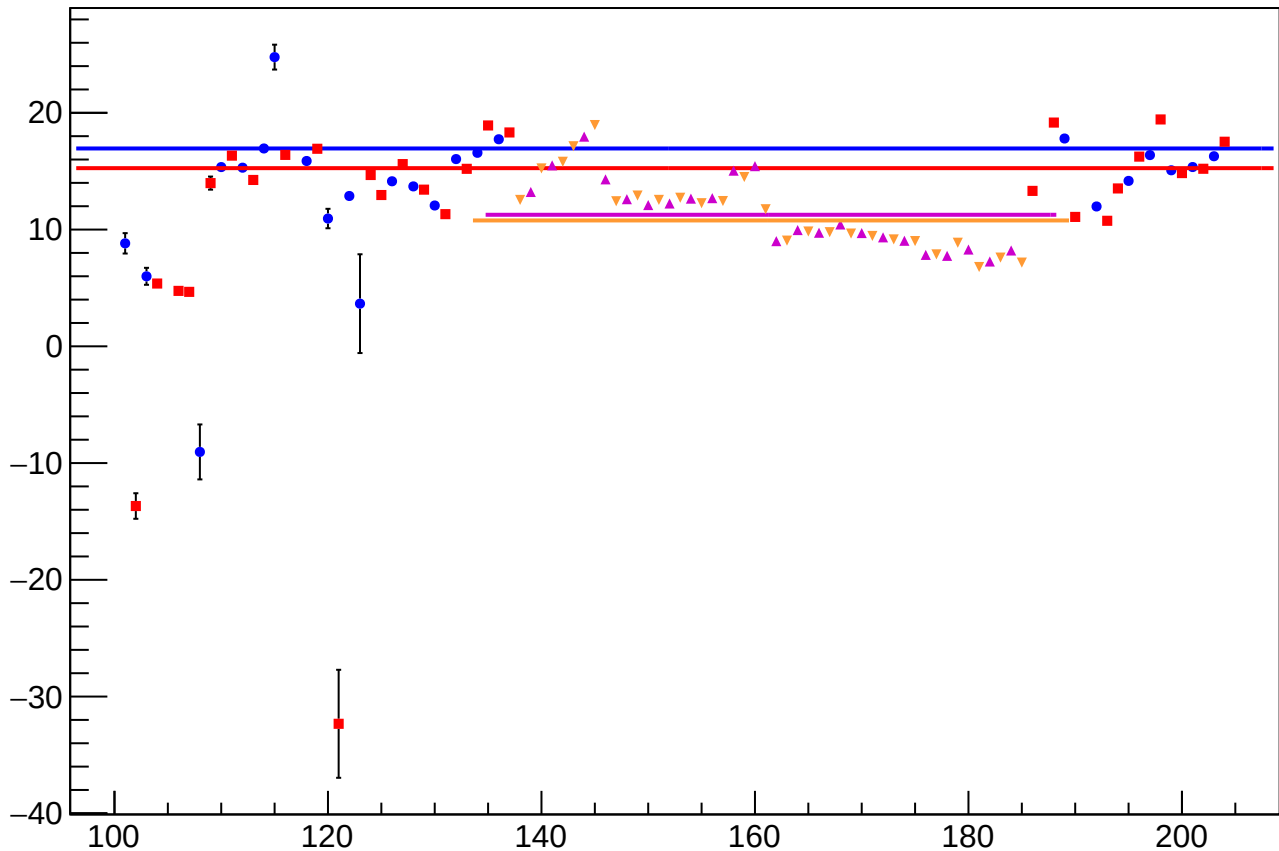
Left In: 1.019 ± 0.006 $\chi^2/\text{NDF}: 250029.0/22$

+ sign -9.259 ± 0.000 $\chi^2/\text{NDF}: 6205206.2/48$

All: -9.259 ± 0.000 $\chi^2/\text{NDF}: 10684867.0/99$

- sign -0.112 ± 0.005 $\chi^2/\text{NDF}: 427885.4/50$

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 13616.0/23

Left Out: 10.782 $\pm$ 0.007 χ^2 /NDF:129427.5/24

Right Out: 15.261 $\pm$ 0.015 χ^2 /NDF: 34106.4/27

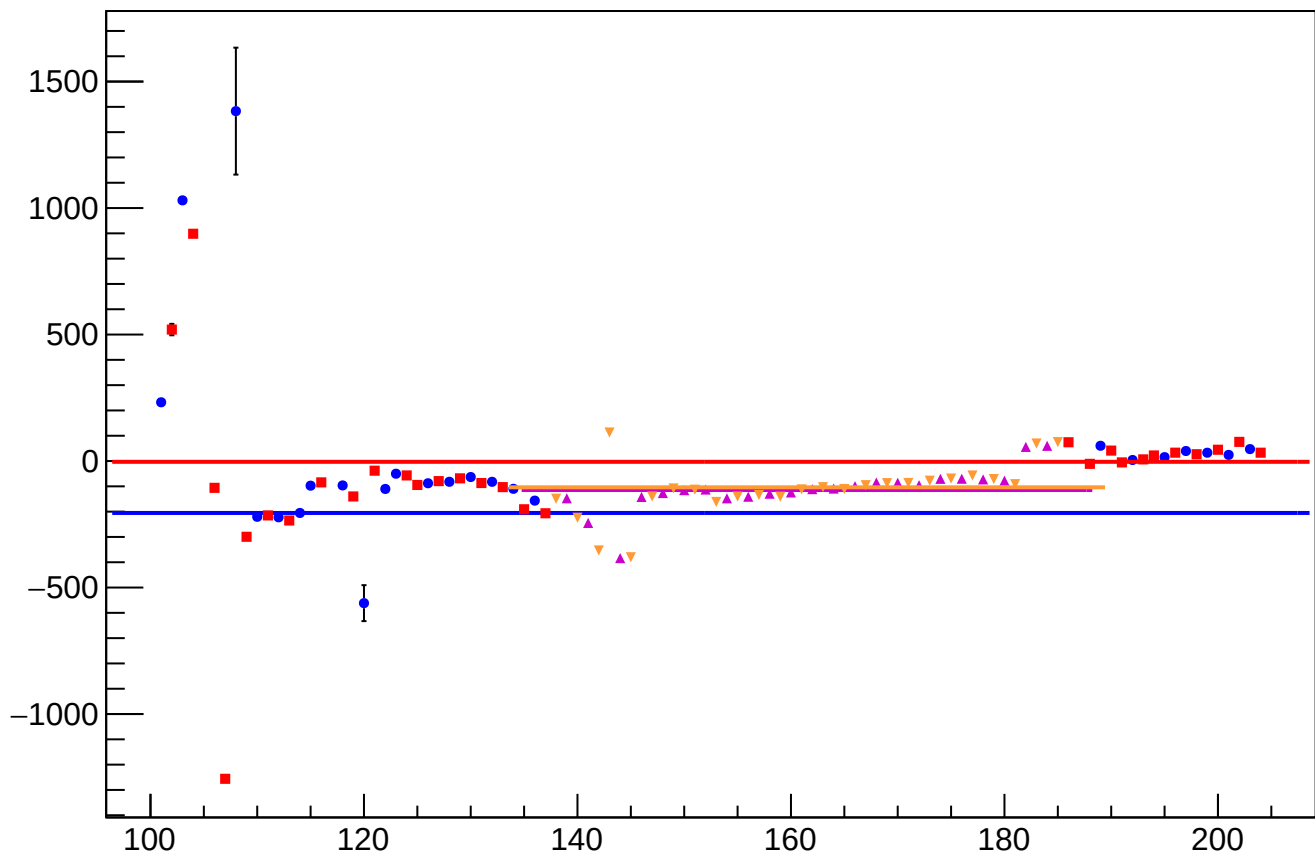
Left In: 11.267 $\pm$ 0.008 χ^2 /NDF:98438.0/22

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 997972.3/48

All: 16.947 $\pm$ 0.000 χ^2 /NDF: 1668320.5/99

- sign 12.151 $\pm$ 0.007 χ^2 /NDF: 189945.6/50

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1855295.6/23$

Left Out: -103.842 ± 0.192 $\chi^2/\text{NDF}: 94751.7/24$

Right Out: -2.998 ± 0.193 $\chi^2/\text{NDF}: 189636.2/28$

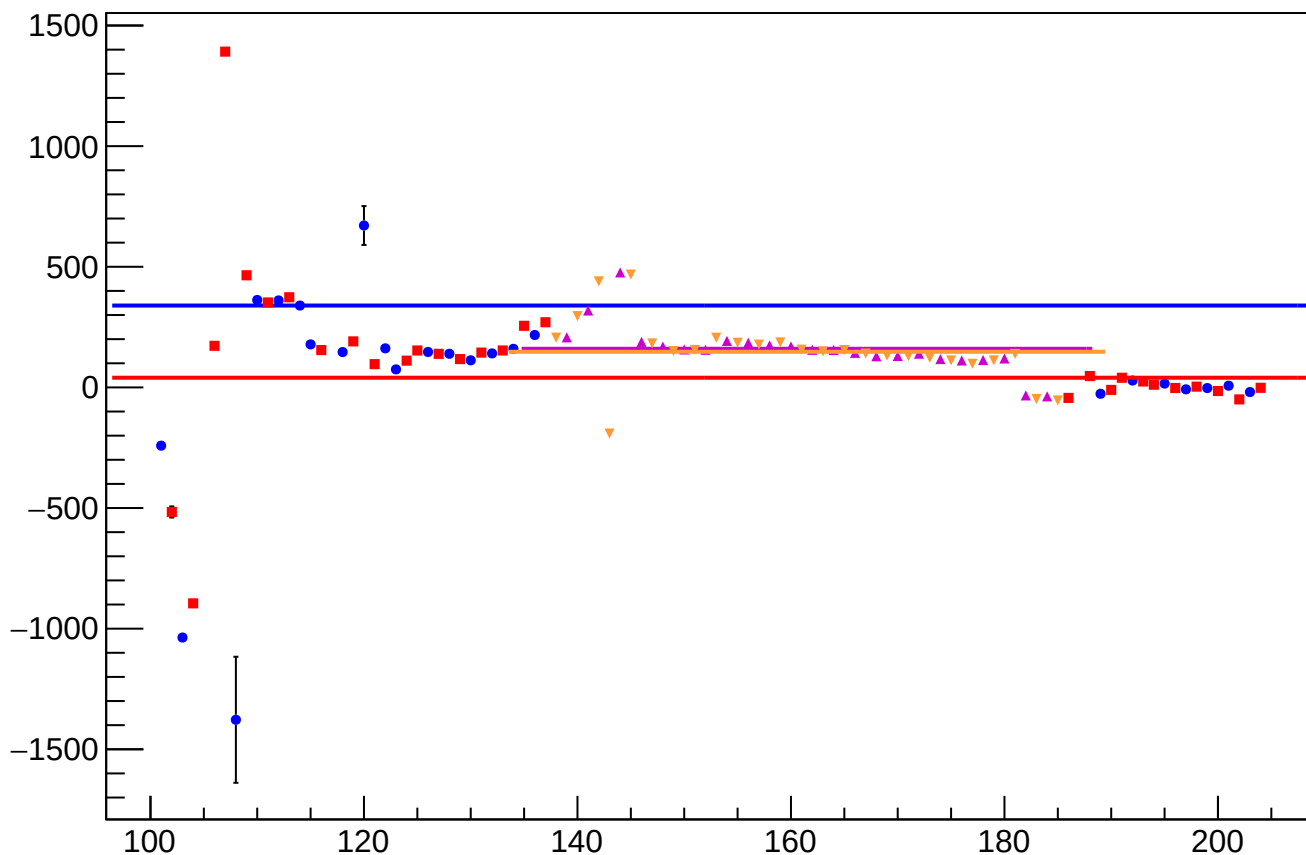
Left In: -114.444 ± 0.225 $\chi^2/\text{NDF}: 76837.7/22$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 2229417.4/48$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 3751995.5/10$

- sign -50.392 ± 0.147 $\chi^2/\text{NDF}: 407761.2/51$

dit_atl1_4eX_slope vs Slug



Right In: 339.325 ± 0.000 χ^2/NDF : 2322720.4/23

Left Out: 147.771 ± 0.196 χ^2/NDF : 134281.2/24

Right Out: 40.132 ± 0.190 χ^2/NDF : 284555.5/28

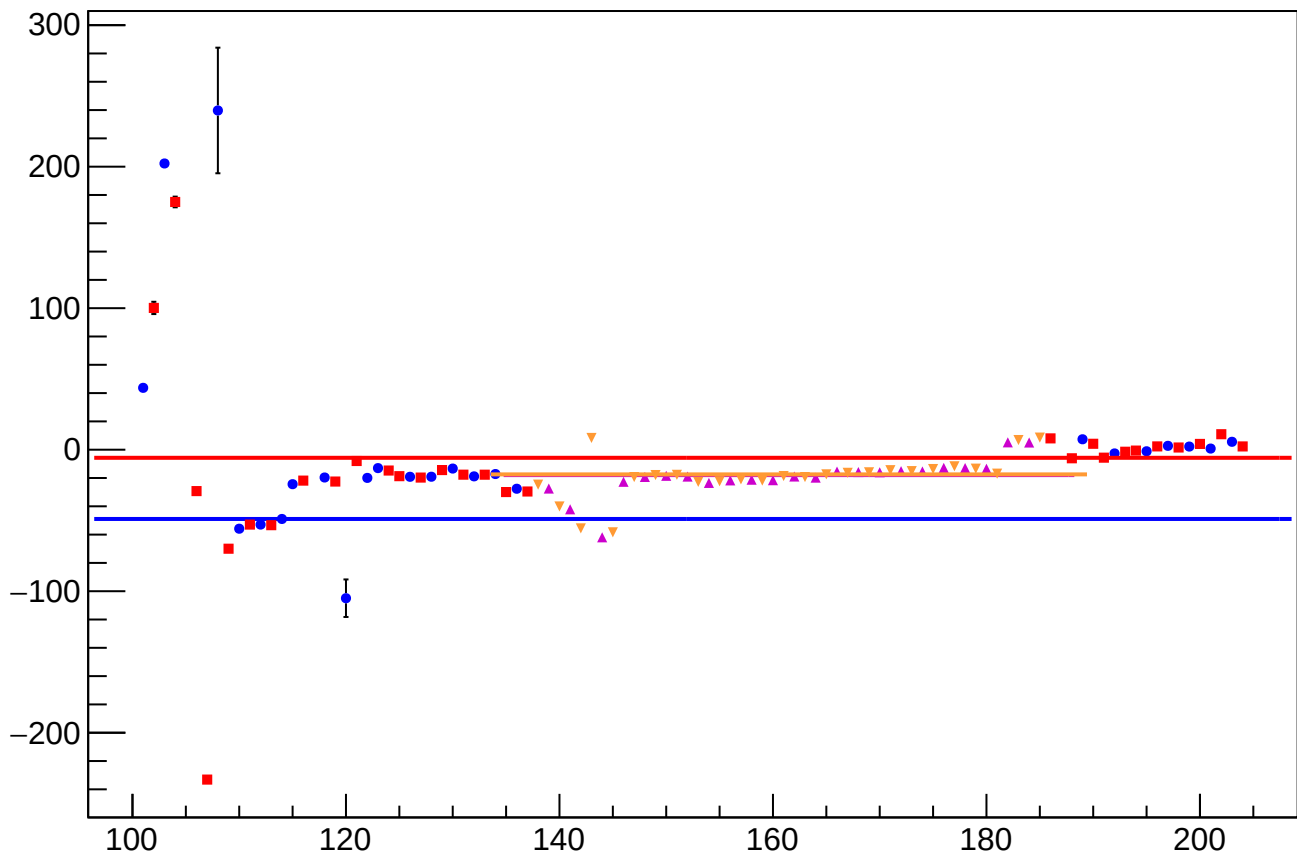
Left In: 160.049 ± 0.230 χ^2/NDF : 83579.0/22

+ sign 339.325 ± 0.000 χ^2/NDF : 3410626.8/48

All: 339.325 ± 0.000 χ^2/NDF : 6856971.2/100

- sign 88.984 ± 0.147 χ^2/NDF : 529702.9/51

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 χ^2/NDF : 7814491.6/23

Left Out: -17.446 ± 0.010 χ^2/NDF : 714044.4/24

Right Out: -5.722 ± 0.026 χ^2/NDF : 409568.6/28

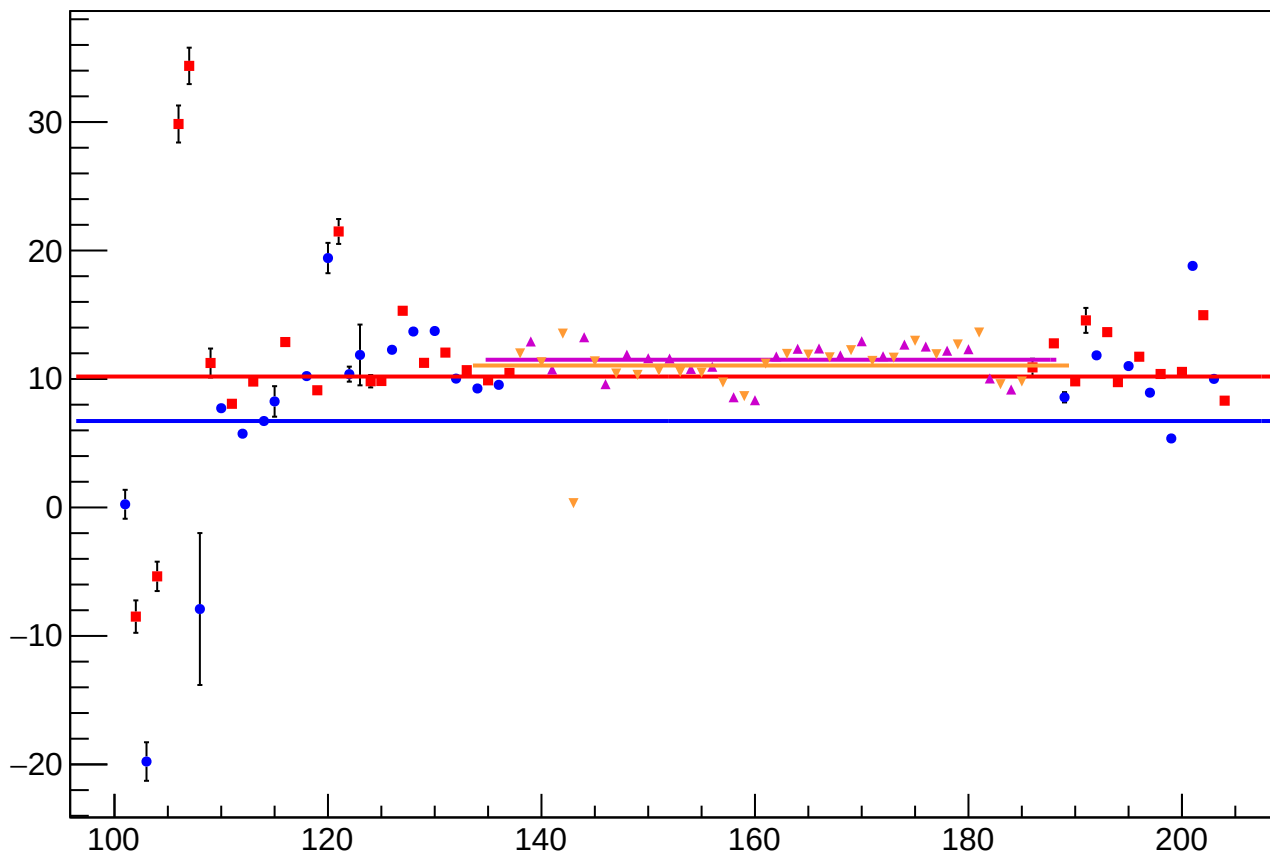
Left In: -17.951 ± 0.012 χ^2/NDF : 252123.1/22

+ sign -48.945 ± 0.000 χ^2/NDF : 18431975.0/48

All: -48.945 ± 0.000 χ^2/NDF : 28281416.9/10

- sign -15.700 ± 0.011 χ^2/NDF : 844650.5/51

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 17748.0/23

Left Out: 11.049 ± 0.012 χ^2/NDF : 31618.4/24

Right Out: 10.191 ± 0.033 χ^2/NDF : 6342.0/28

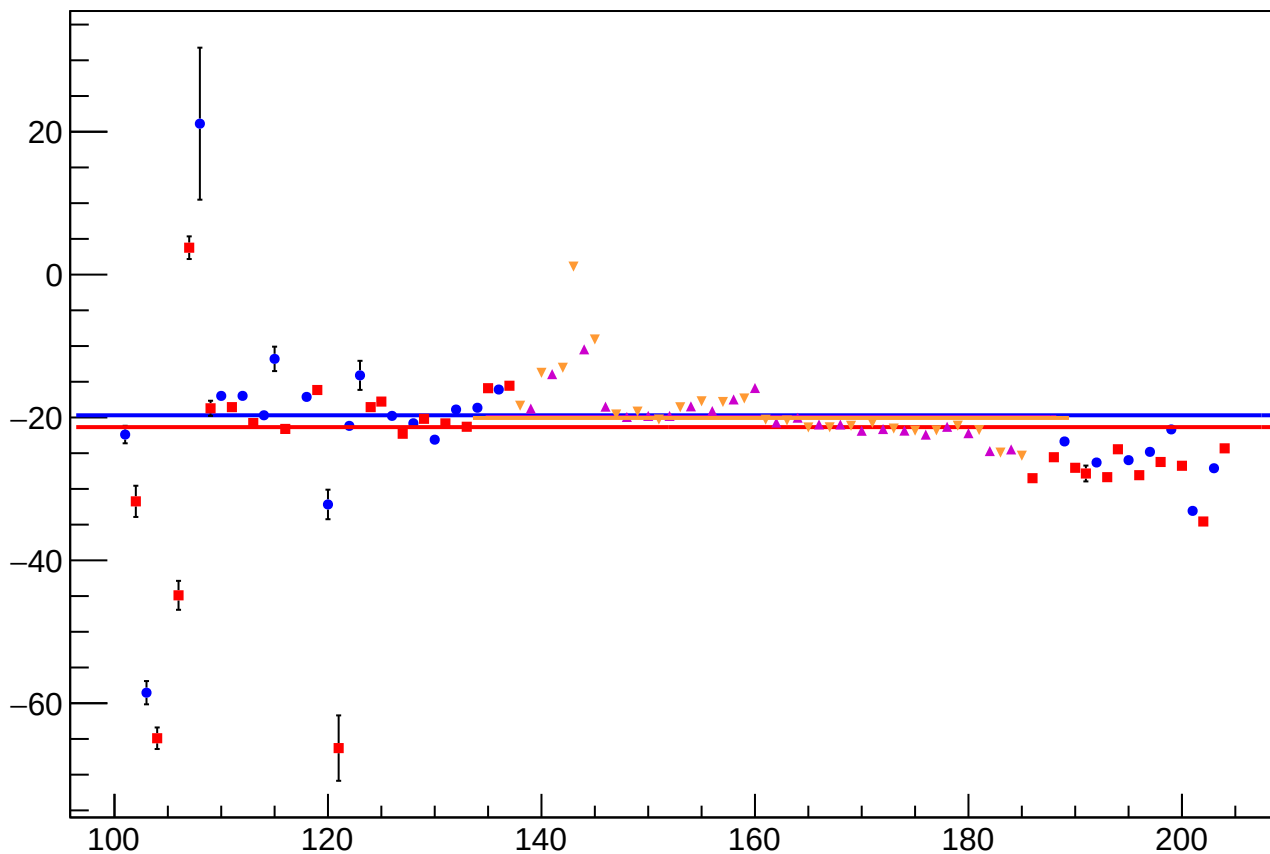
Left In: 11.498 ± 0.010 χ^2/NDF : 15848.8/22

+ sign 6.728 ± 0.000 χ^2/NDF : 173821.2/48

All: 6.728 ± 0.000 χ^2/NDF : 416442.6/100

- sign 11.377 ± 0.010 χ^2/NDF : 23643.4/51

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 14877.9/23$

Left Out: -20.065 ± 0.014 $\chi^2/\text{NDF}: 71466.1/24$

Right Out: -21.349 ± 0.042 $\chi^2/\text{NDF}: 9054.6/28$

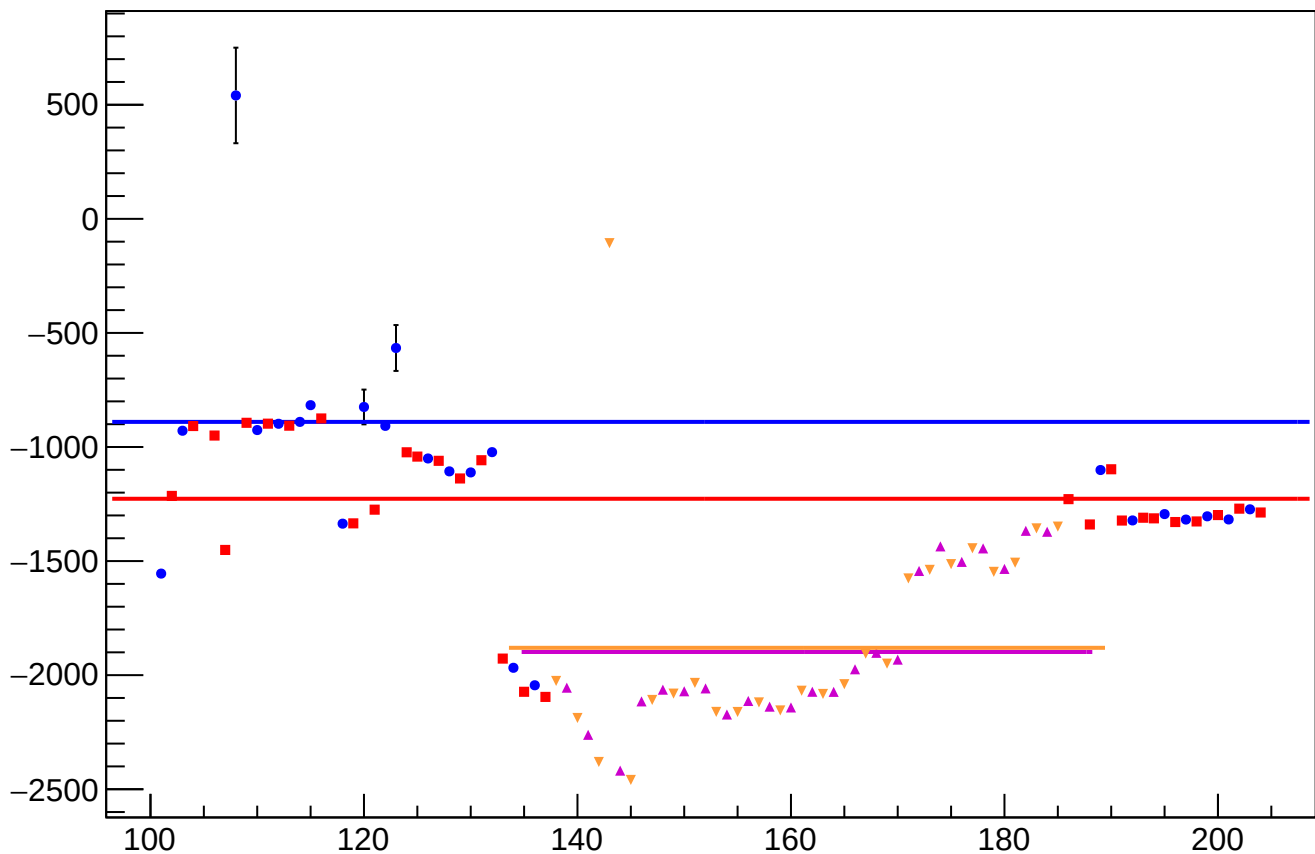
Left In: -19.955 ± 0.015 $\chi^2/\text{NDF}: 22657.6/22$

+ sign -19.693 ± 0.000 $\chi^2/\text{NDF}: 87065.8/48$

All: -19.693 ± 0.000 $\chi^2/\text{NDF}: 120615.9/100$

- sign -20.114 ± 0.014 $\chi^2/\text{NDF}: 32677.1/51$

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 1902562.3/23

Left Out: -1880.162+/-0.353 χ^2/NDF : 873293.0/24

Right Out: -1226.907+/-0.197 χ^2/NDF : 987946.6/28

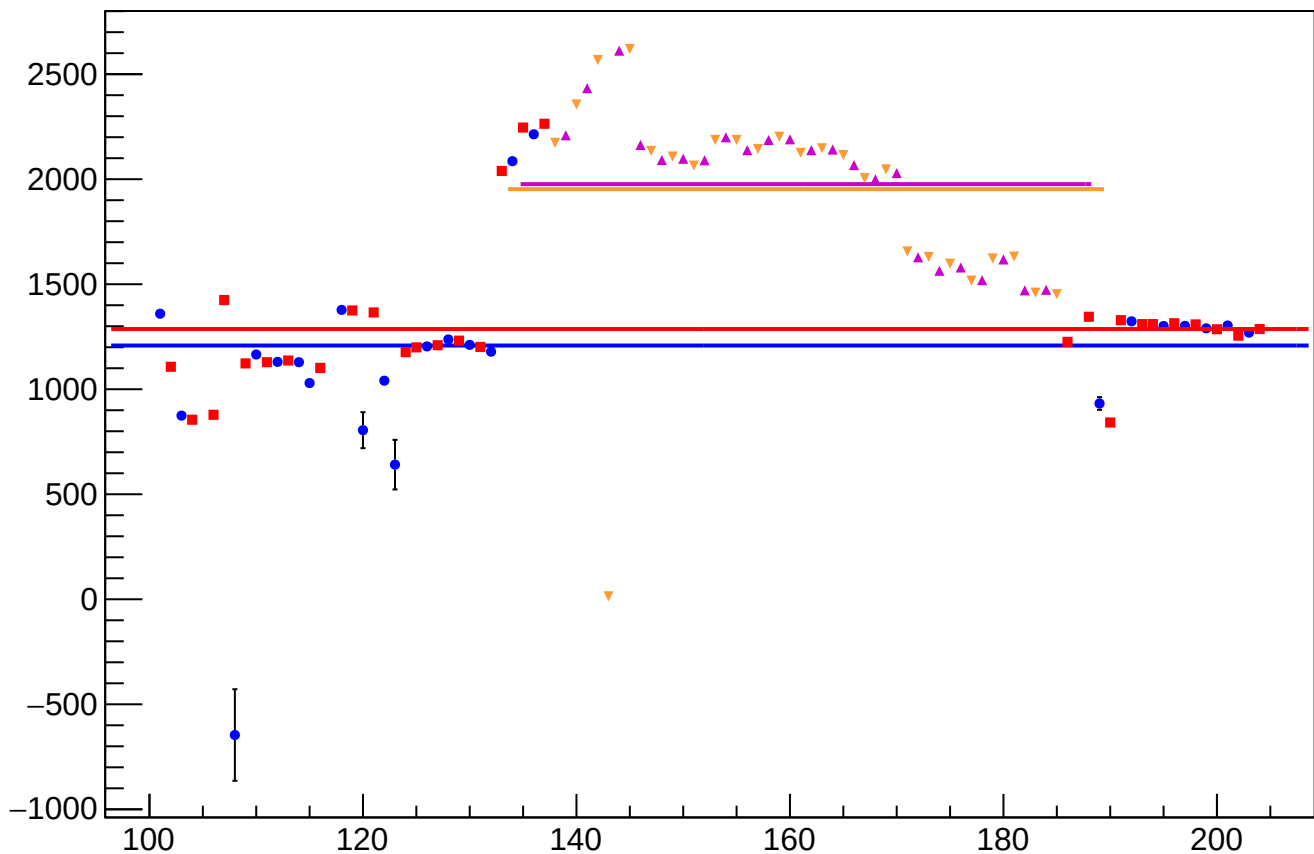
Left In: -1898.497+/-0.364 χ^2/NDF : 698003.8/22

+ sign -889.928+/-0.000 χ^2/NDF : 10647576.9/48

All: -889.928+/-0.000 χ^2/NDF : 22941988.7/1

- sign -1379.487+/-0.173 χ^2/NDF : 4320628.7/51

dit_atl2_4eX_slope vs Slug



Right In: 1208.142+/-0.207 χ^2/NDF : 587893.1/23

Left Out: 1952.706+/-0.354 χ^2/NDF : 820225.3/24

Right Out: 1286.709+/-0.196 χ^2/NDF : 534415.0/28

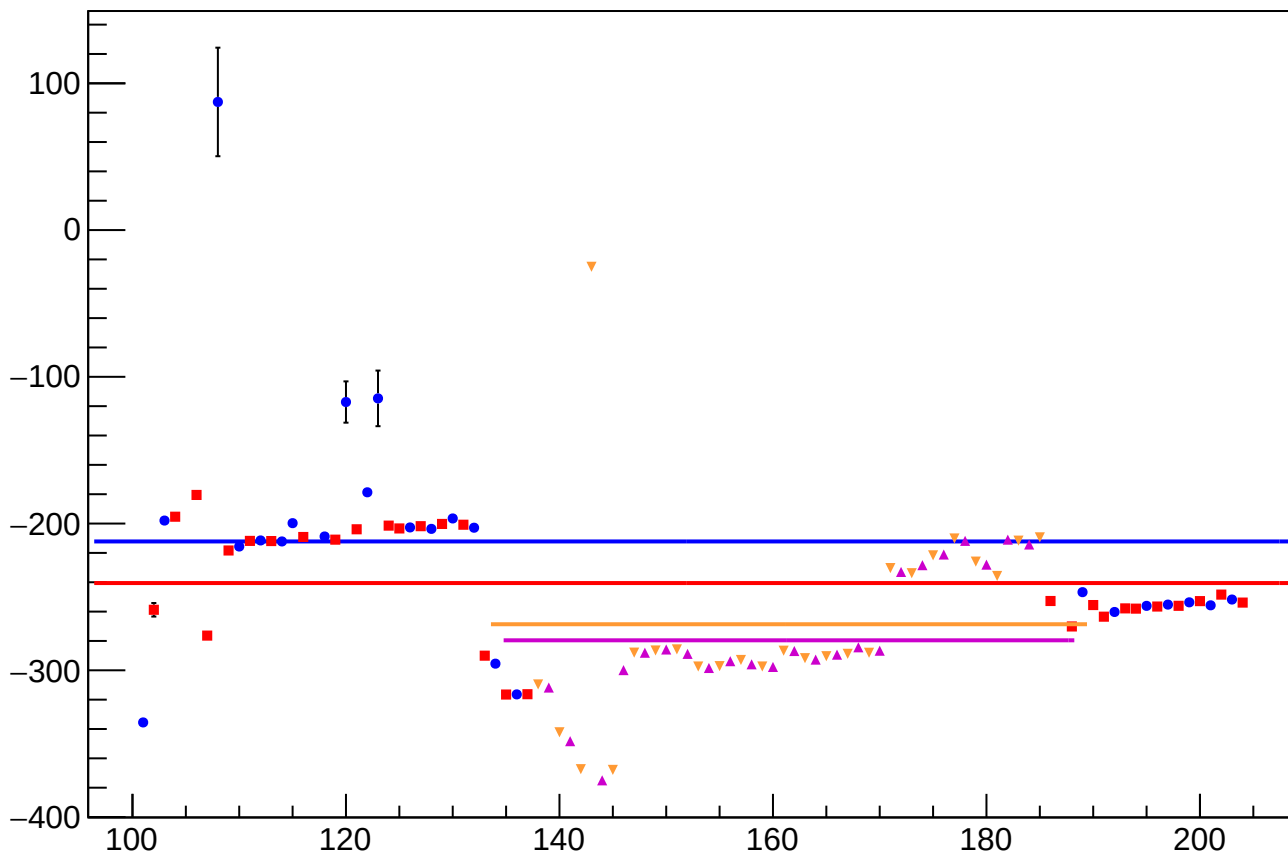
Left In: 1976.603+/-0.367 χ^2/NDF : 625684.0/22

+ sign 1397.246+/-0.178 χ^2/NDF : 4708409.1/48

All: 1419.285+/-0.124 χ^2/NDF : 8642807.5/10

- sign 1440.042+/-0.173 χ^2/NDF : 3904763.4/51

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1927006.0/23$

Left Out: -268.611 ± 0.022 $\chi^2/\text{NDF}: 7041710.3/24$

Right Out: -240.543 ± 0.025 $\chi^2/\text{NDF}: 976632.1/28$

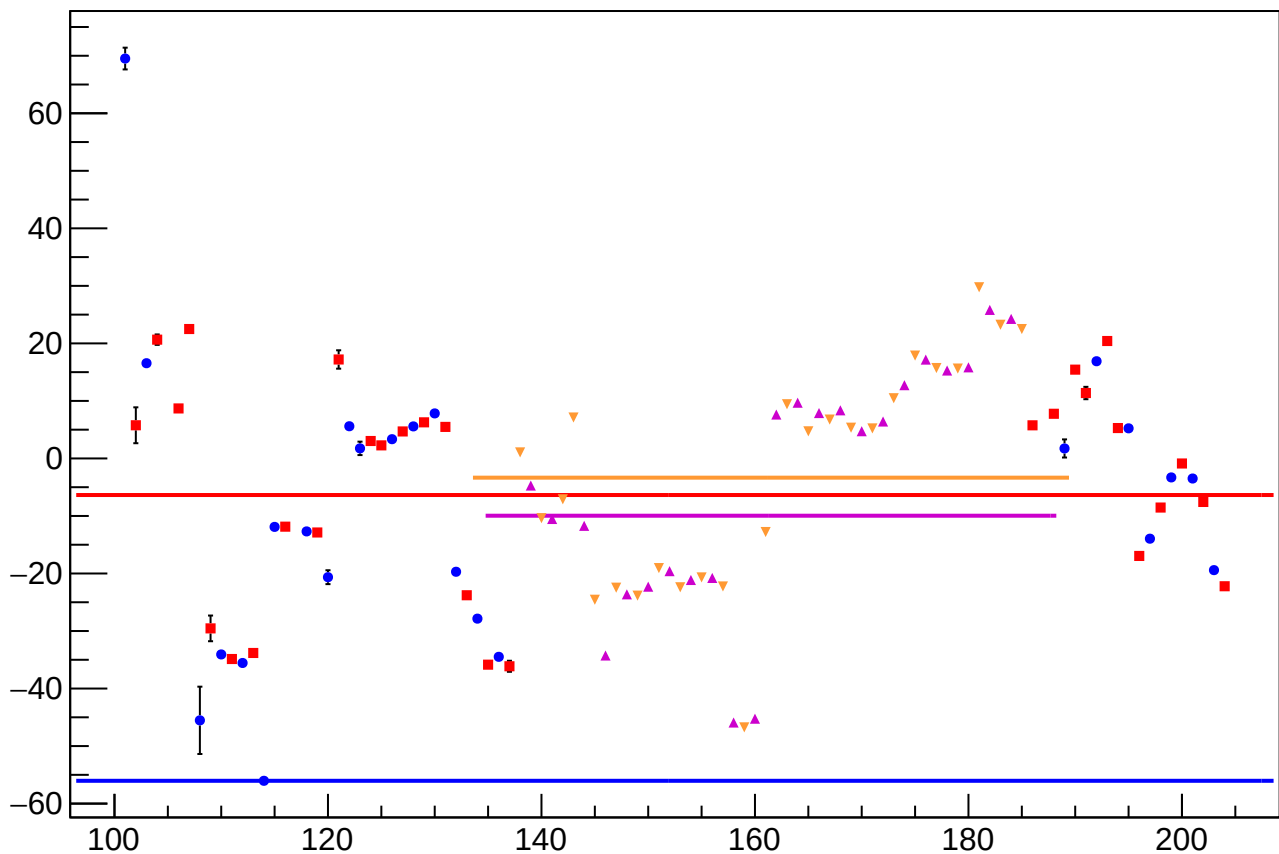
Left In: -279.563 ± 0.022 $\chi^2/\text{NDF}: 2298119.7/22$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 15525033.2/48$

All: -212.190 ± 0.000 $\chi^2/\text{NDF}: 29749702.5/1$

- sign -262.888 ± 0.016 $\chi^2/\text{NDF}: 4661084.5/51$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1755428.7/23

Left Out: -3.341 ± 0.018 χ^2/NDF : 1399746.6/24

Right Out: -6.359 ± 0.039 χ^2/NDF : 190500.6/28

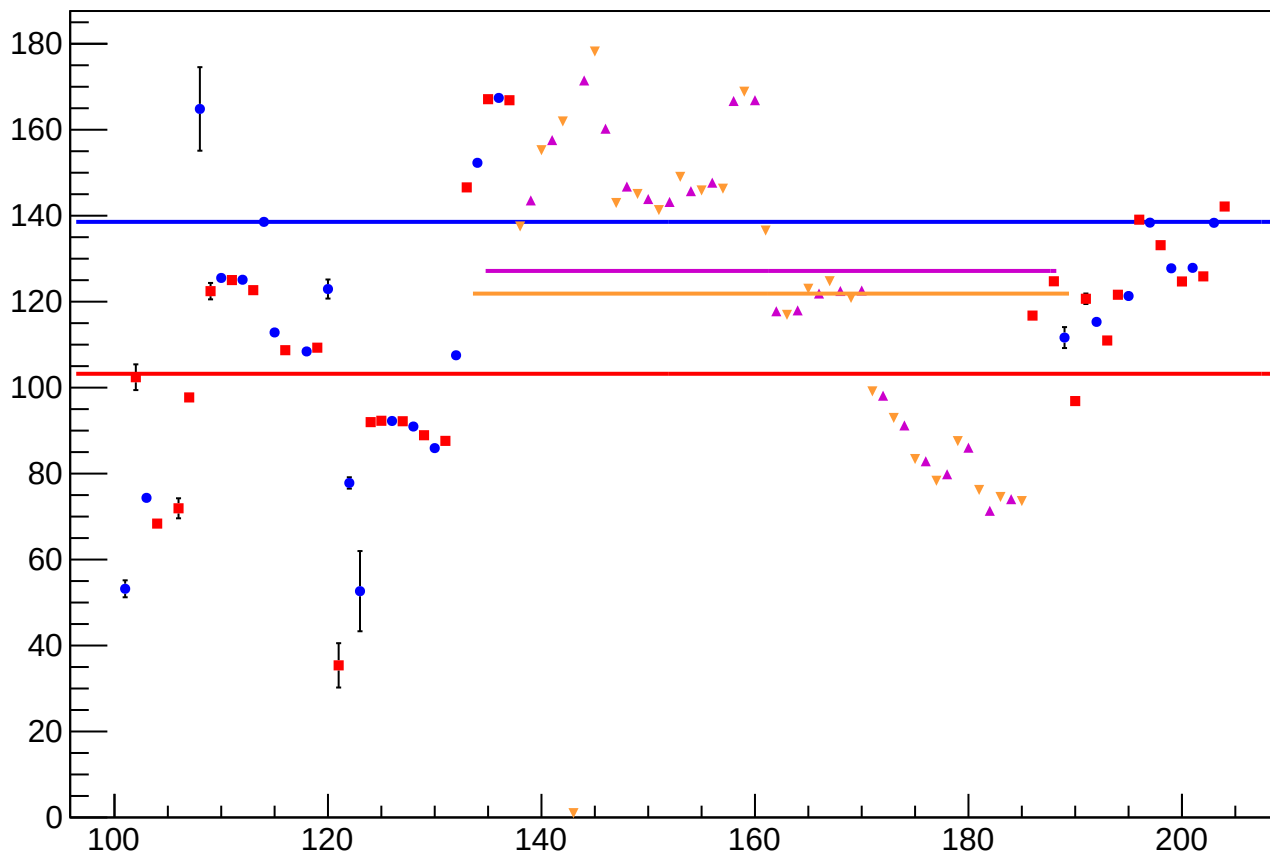
Left In: -9.956 ± 0.018 χ^2/NDF : 1689839.0/22

+ sign -56.037 ± 0.000 χ^2/NDF : 12142994.6/48

All: -56.037 ± 0.000 χ^2/NDF : 21887993.1/10

- sign -9.291 ± 0.017 χ^2/NDF : 1887347.0/51

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 913760.8/23

Left Out: 121.875 $\pm$ 0.024 χ^2 /NDF:1617383.6/24

Right Out: 103.222 $\pm$ 0.032 χ^2 /NDF: 369030.2/28

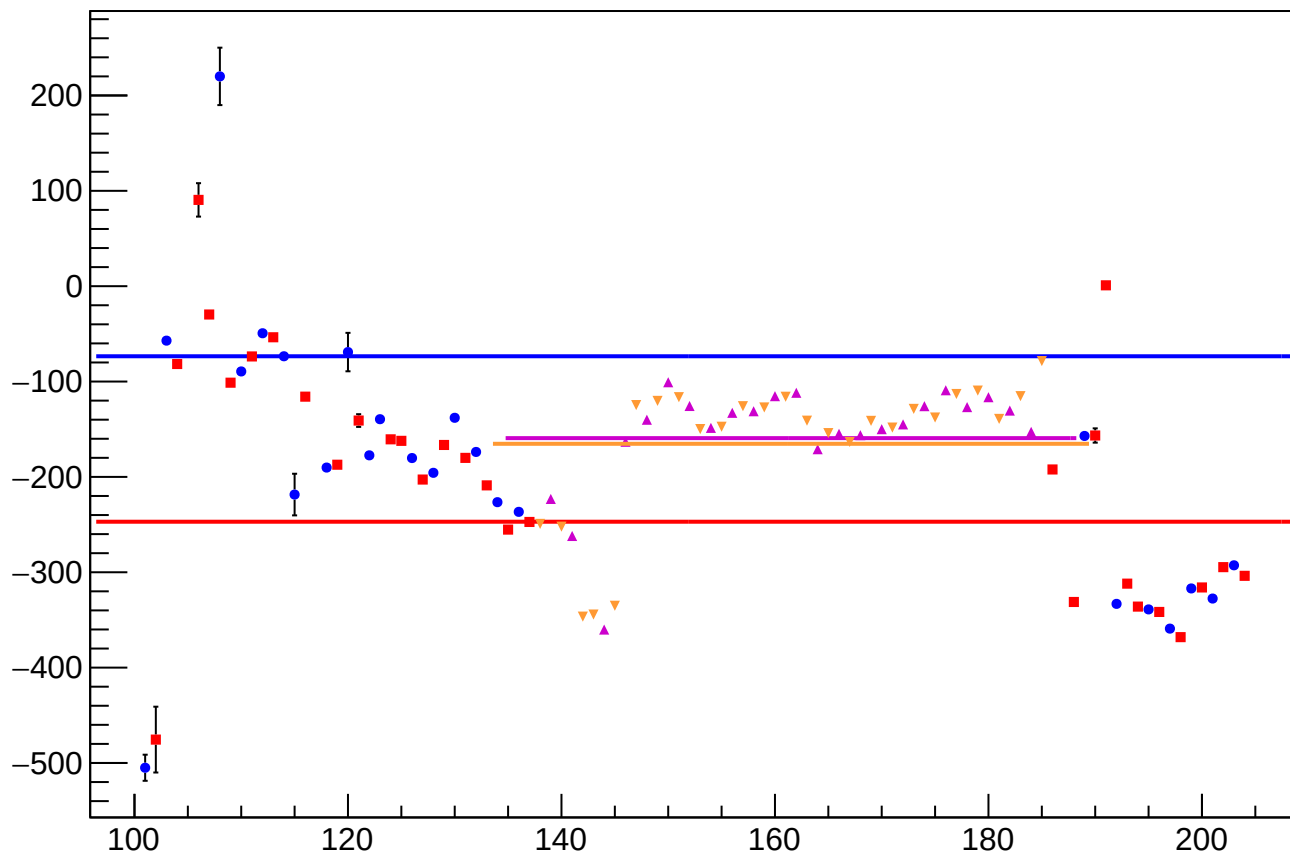
Left In: 127.150 $\pm$ 0.026 χ^2 /NDF:1340248.6/22

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 3002882.1/48

All: 138.565 $\pm$ 0.000 χ^2 /NDF: 6160183.1/100

- sign 117.382 $\pm$ 0.020 χ^2 /NDF: 2050444.6/51

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 χ^2/NDF : 467054.9/23

Left Out: -165.282 ± 0.232 χ^2/NDF : 84301.0/24

Right Out: -246.999 ± 0.223 χ^2/NDF : 217637.7/28

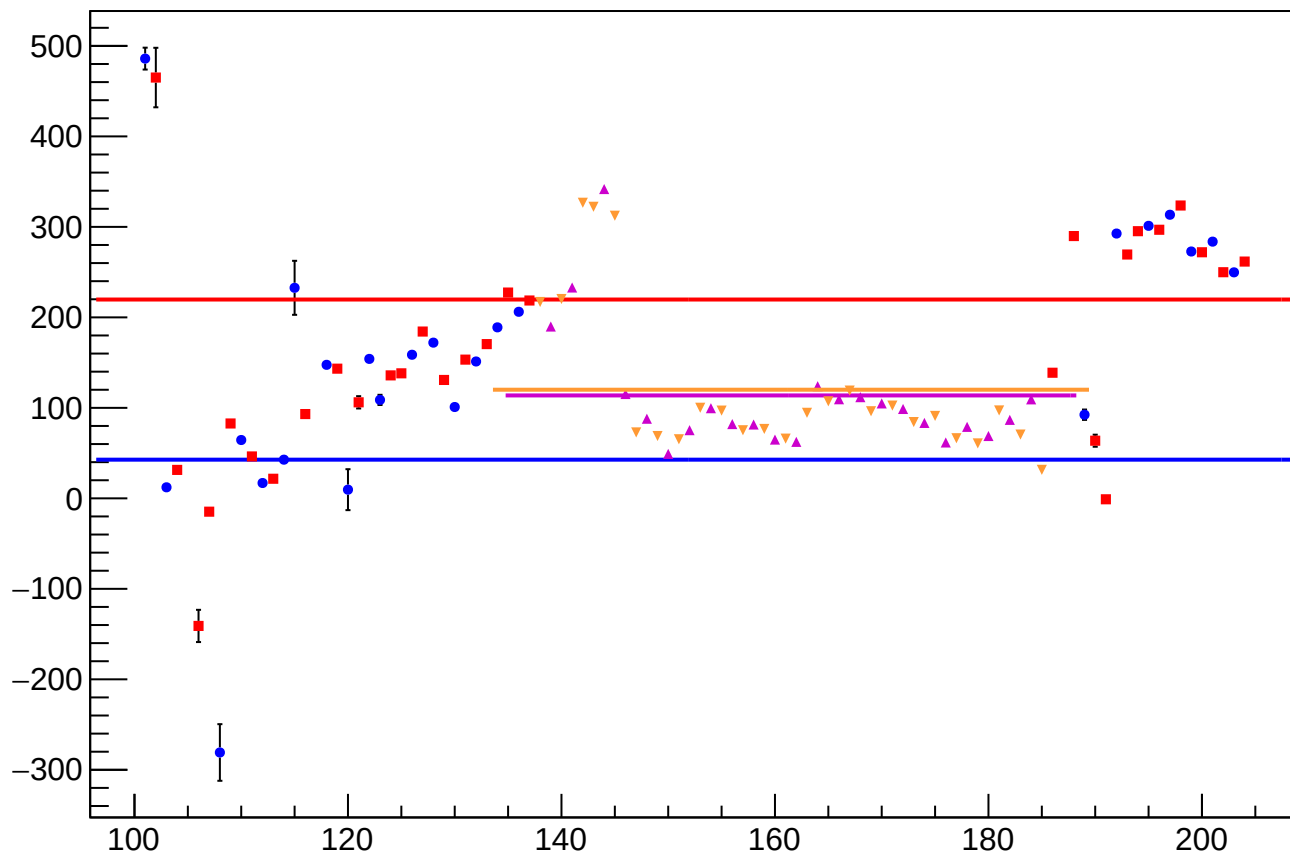
Left In: -159.346 ± 0.239 χ^2/NDF : 73885.5/22

+ sign -73.485 ± 0.000 χ^2/NDF : 708271.1/48

All: -73.485 ± 0.000 χ^2/NDF : 1736771.3/100

- sign -206.326 ± 0.163 χ^2/NDF : 363528.2/51

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2 /NDF: 437866.0/23

Left Out: 120.053+/-0.237 χ^2 /NDF: 97926.9/24

Right Out: 219.723+/-0.227 χ^2 /NDF: 173093.9/28

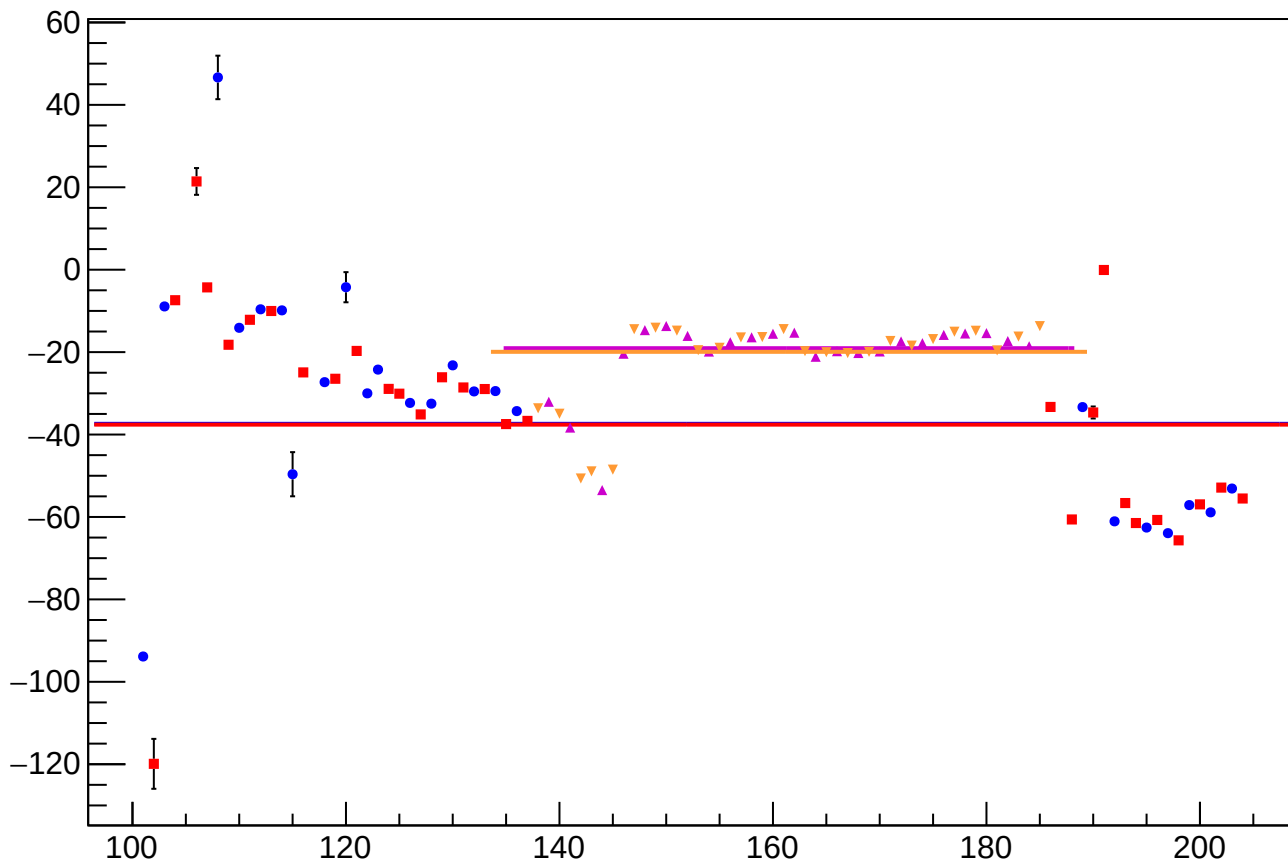
Left In: 113.733+/-0.246 χ^2 /NDF: 81886.4/22

+ sign 42.743+/-0.000 χ^2 /NDF: 642224.0/48

All: 42.743+/-0.000 χ^2 /NDF: 1586143.4/100

- sign 170.961+/-0.167 χ^2 /NDF: 354952.9/51

dit_atr1_11X12X_slope vs Slug



Right In: -37.399 ± 0.029 $\chi^2/\text{NDF}: 263457.3/23$

Left Out: -19.926 ± 0.012 $\chi^2/\text{NDF}: 374900.2/24$

Right Out: -37.593 ± 0.026 $\chi^2/\text{NDF}: 668103.1/28$

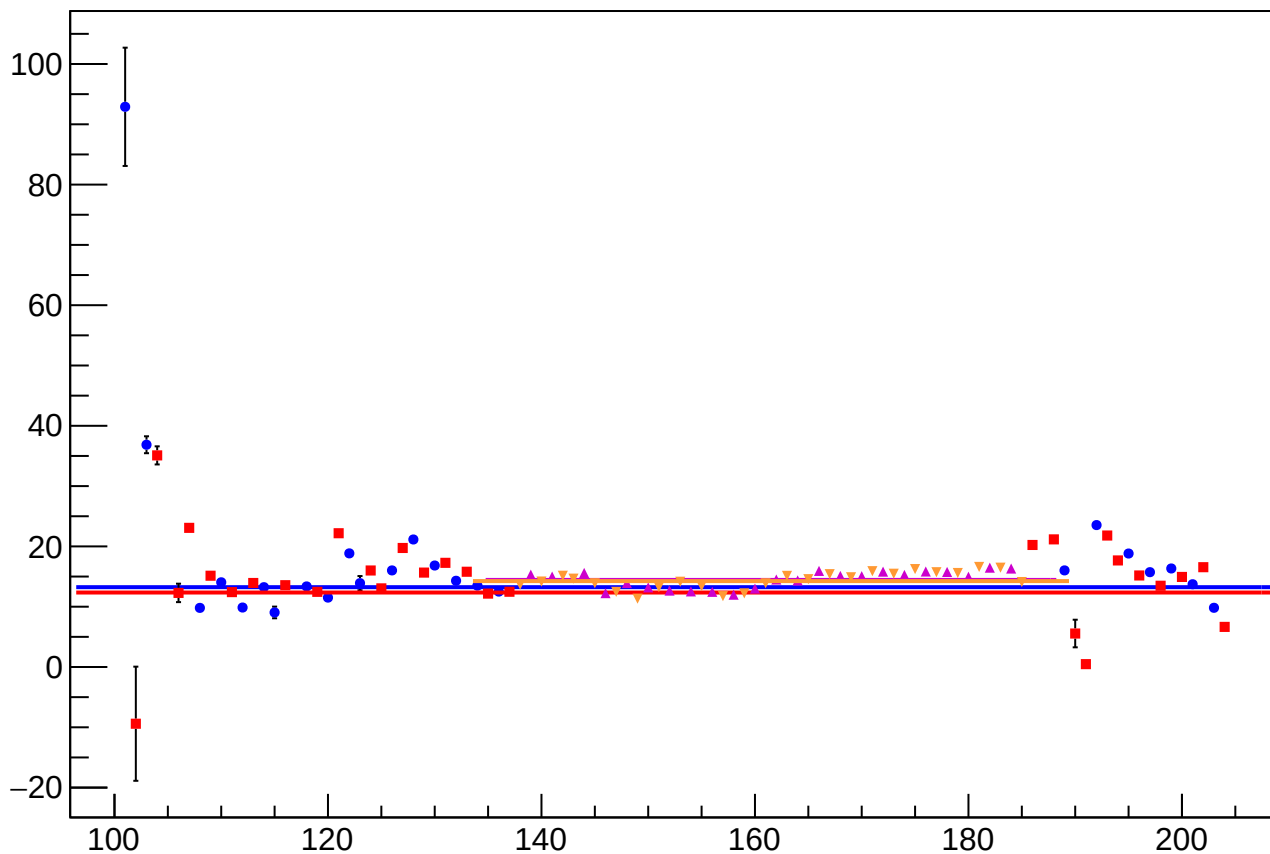
Left In: -19.047 ± 0.014 $\chi^2/\text{NDF}: 214747.8/22$

+ sign -22.545 ± 0.011 $\chi^2/\text{NDF}: 942813.6/48$

All: -22.818 ± 0.008 $\chi^2/\text{NDF}: 2217530.0/100$

- sign -23.143 ± 0.012 $\chi^2/\text{NDF}: 1273432.3/51$

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 8120.6/23

Left Out: 14.245 $\pm$ 0.012 χ^2 /NDF:12367.6/24

Right Out: 12.352 $\pm$ 0.038 χ^2 /NDF: 24974.1/28

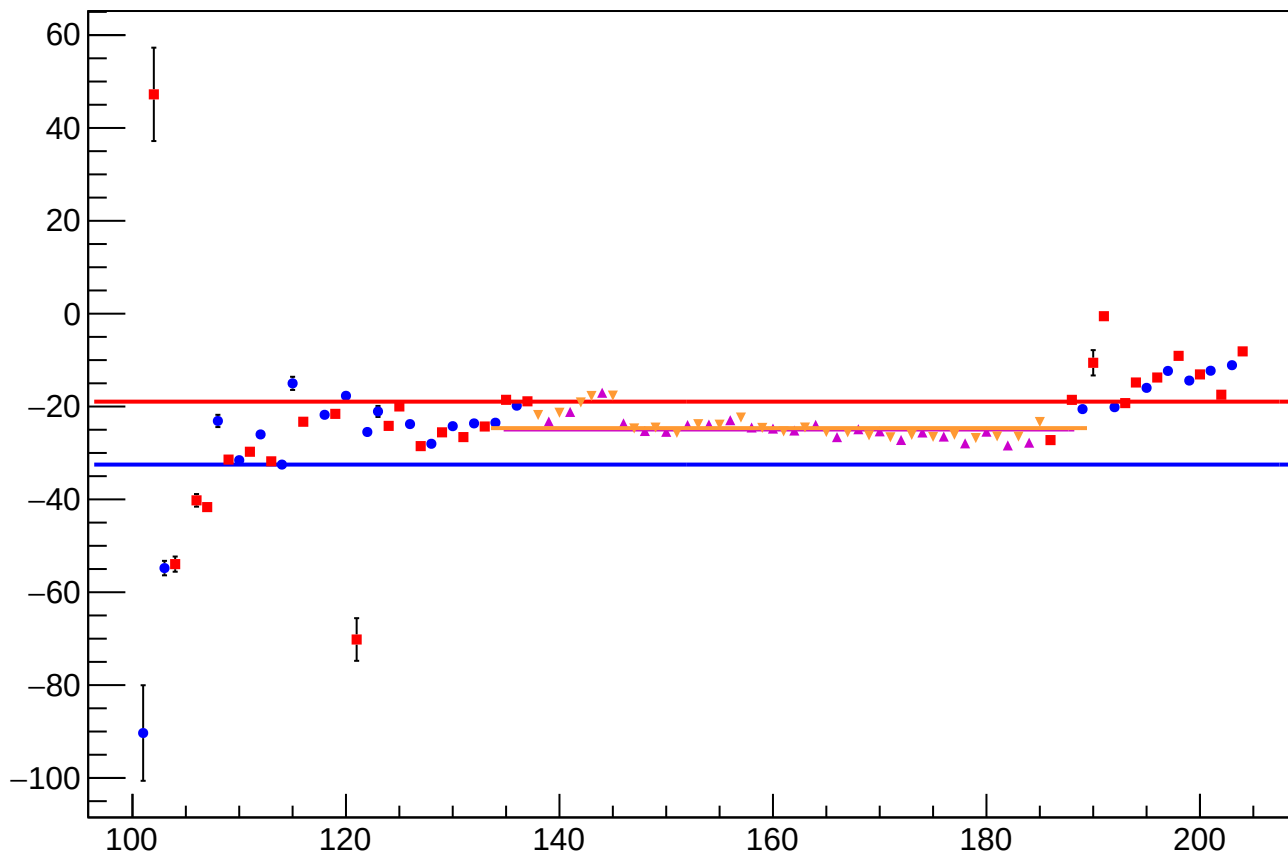
Left In: 14.441 $\pm$ 0.012 χ^2 /NDF:12955.9/22

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 27557.9/48

All: 13.238 $\pm$ 0.000 χ^2 /NDF: 76688.5/100

- sign 14.264 $\pm$ 0.011 χ^2 /NDF: 40652.2/51

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 97737.1/23

Left Out: -24.652 ± 0.015 χ^2/NDF : 23058.0/24

Right Out: -18.947 ± 0.039 χ^2/NDF : 66243.8/28

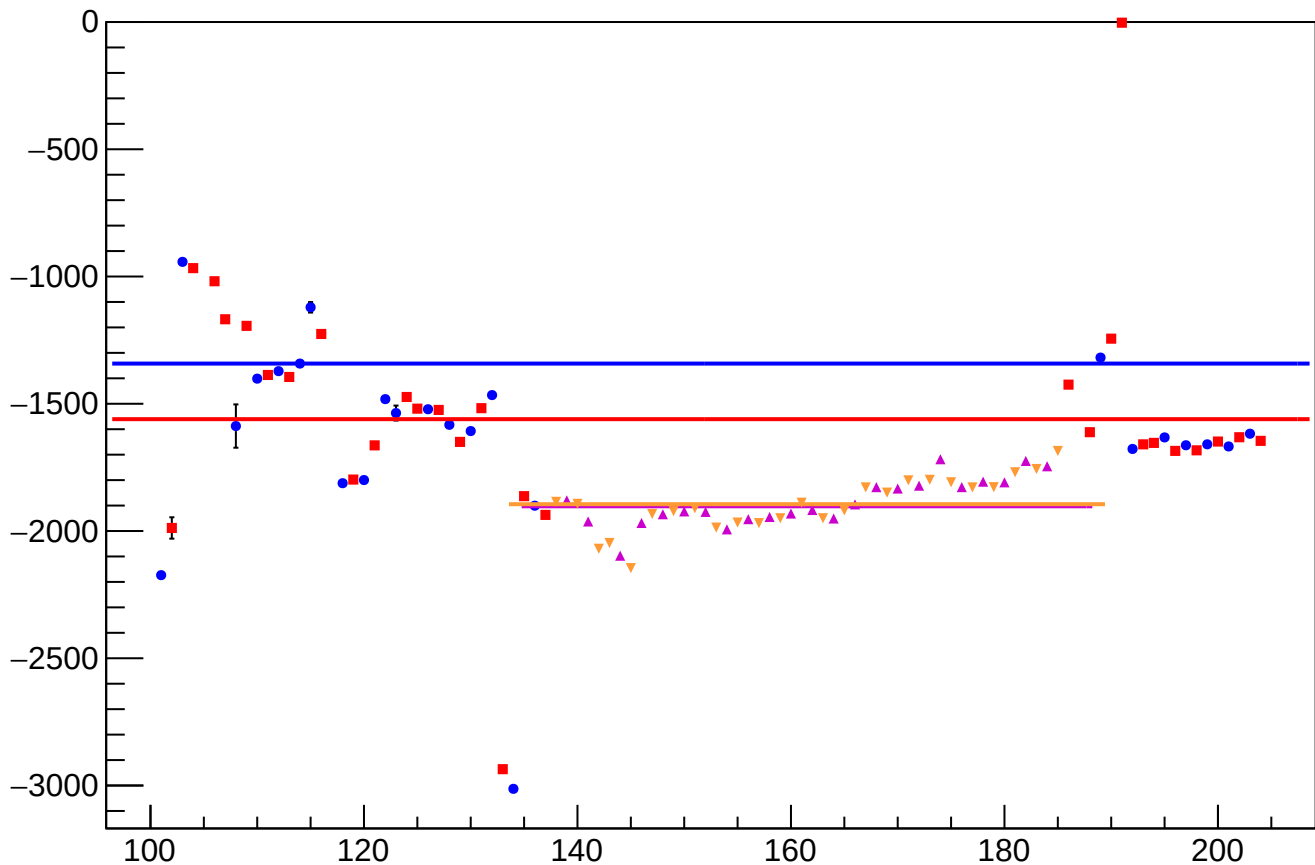
Left In: -24.948 ± 0.015 χ^2/NDF : 14049.6/22

+ sign -32.504 ± 0.000 χ^2/NDF : 396125.1/48

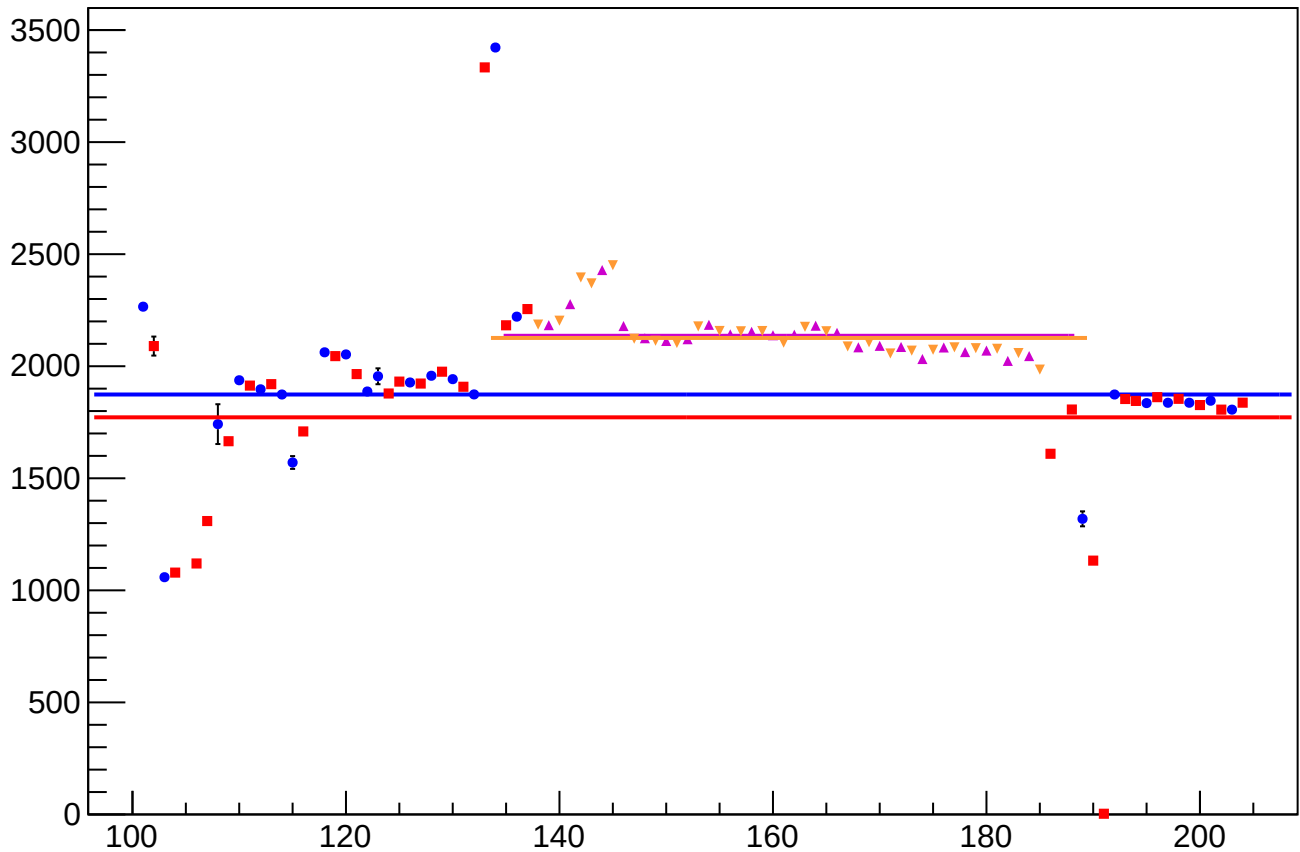
All: -32.504 ± 0.000 χ^2/NDF : 847378.4/100

- sign -24.146 ± 0.014 χ^2/NDF : 101182.5/51

dit_atr2_4aX_slope vs Slug



dit_atr2_4eX_slope vs Slug



Right In: 1873.852 $\pm$ 0.000 χ^2 /NDF: 207225.1/23

Left Out: 2126.160 $\pm$ 0.317 χ^2 /NDF: 48244.0/24

Right Out: 1771.987 $\pm$ 0.233 χ^2 /NDF: 3350768.4/28

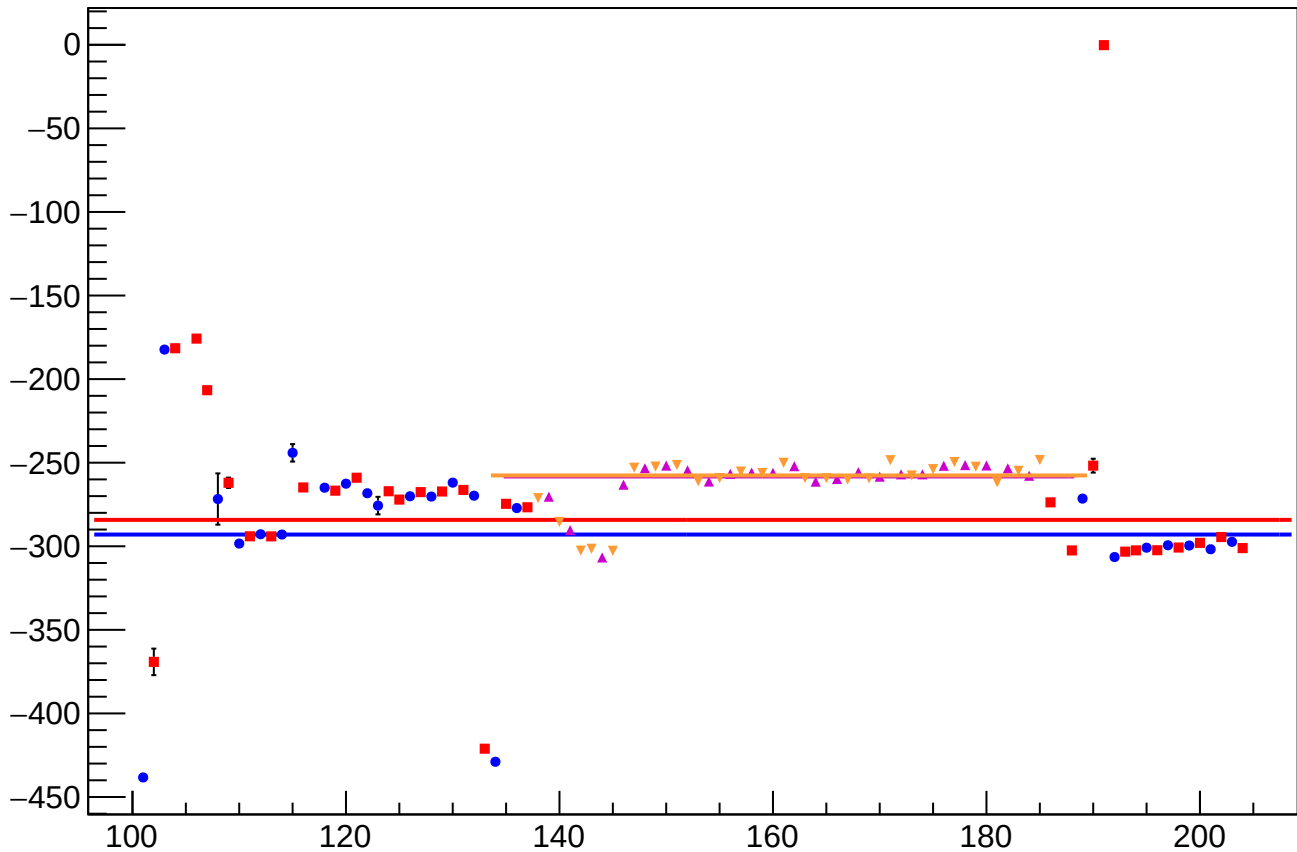
Left In: 2135.770 $\pm$ 0.290 χ^2 /NDF: 58031.3/22

+ sign 1873.852 $\pm$ 0.000 χ^2 /NDF: 887836.8/48

All: 1873.852 $\pm$ 0.000 χ^2 /NDF: 5307009.0/10

- sign 1914.628 $\pm$ 0.181 χ^2 /NDF: 4368581.4/51

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 χ^2/NDF : 1062729.8/23

Left Out: -257.631 ± 0.020 χ^2/NDF : 226942.0/24

Right Out: -284.210 ± 0.031 χ^2/NDF : 1996188.7/28

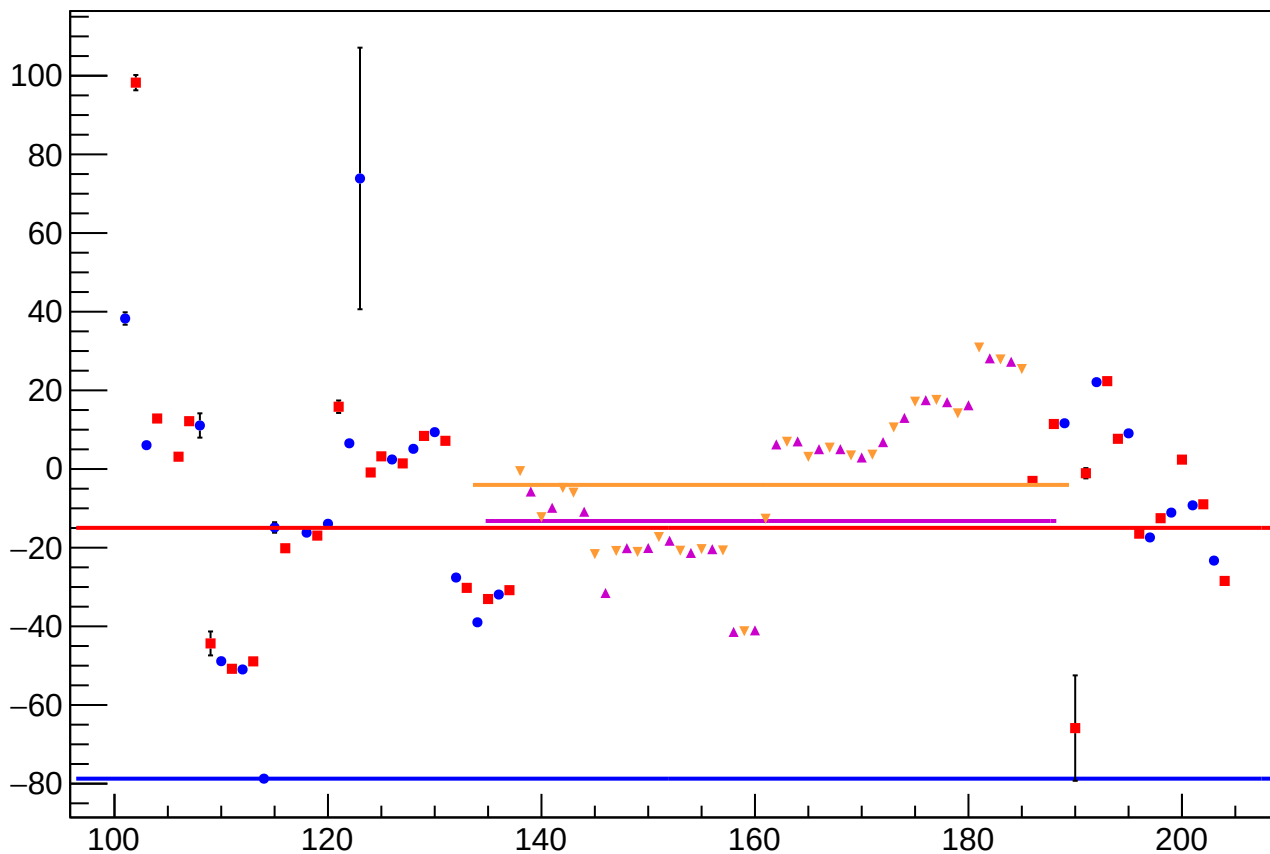
Left In: -258.240 ± 0.017 χ^2/NDF : 268186.3/22

+ sign -292.986 ± 0.000 χ^2/NDF : 4459657.6/48

All: -292.986 ± 0.000 χ^2/NDF : 10749509.1/1

- sign -264.432 ± 0.015 χ^2/NDF : 2790059.6/51

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 χ^2/NDF : 1676543.1/23

Left Out: -4.036 ± 0.017 χ^2/NDF : 1369619.3/24

Right Out: -14.962 ± 0.062 χ^2/NDF : 102409.5/28

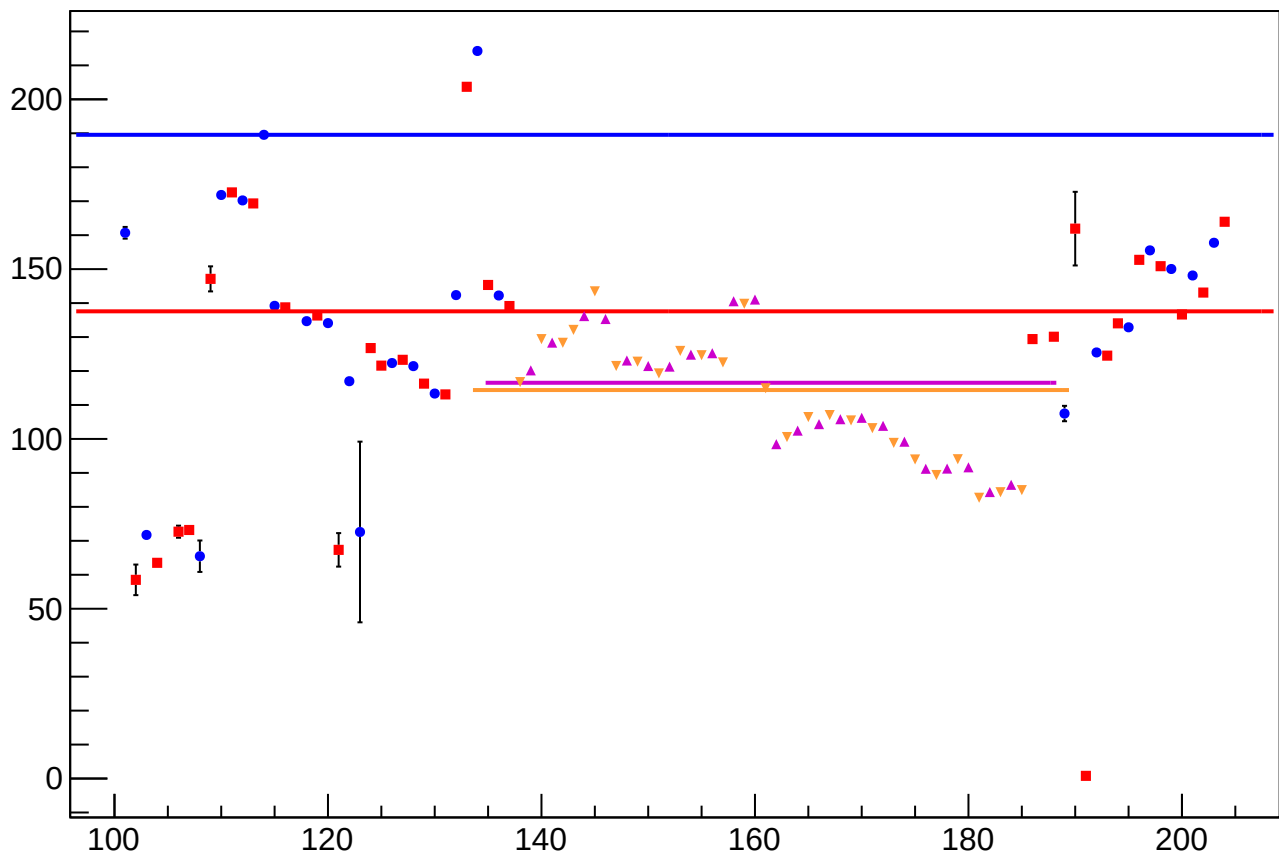
Left In: -13.213 ± 0.017 χ^2/NDF : 1356033.4/22

+ sign -78.728 ± 0.000 χ^2/NDF : 22186856.0/48

All: -78.728 ± 0.000 χ^2/NDF : 39684237.0/10

- sign -13.332 ± 0.016 χ^2/NDF : 1459173.5/51

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 1049023.0/23

Left Out: 114.395 $\pm$ 0.023 χ^2 /NDF: 434871.2/24

Right Out: 137.575 $\pm$ 0.054 χ^2 /NDF: 132952.6/28

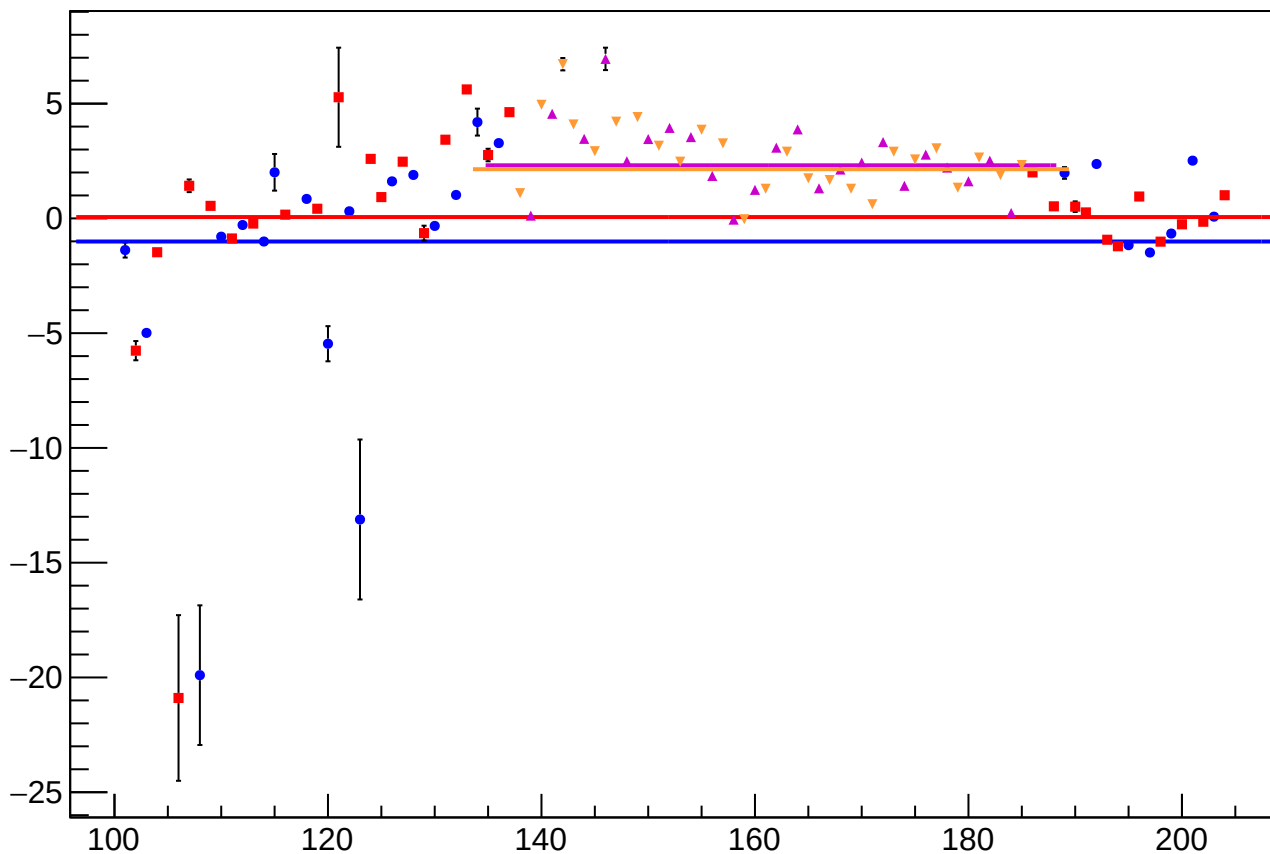
Left In: 116.538 $\pm$ 0.024 χ^2 /NDF: 458128.6/22

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 12570150.2/48

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 23651897.5/10

- sign 119.922 $\pm$ 0.022 χ^2 /NDF: 718763.5/51

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 8700.6/23

Left Out: 2.143 ± 0.015 χ^2/NDF : 6585.0/24

Right Out: 0.058 ± 0.013 χ^2/NDF : 6167.0/28

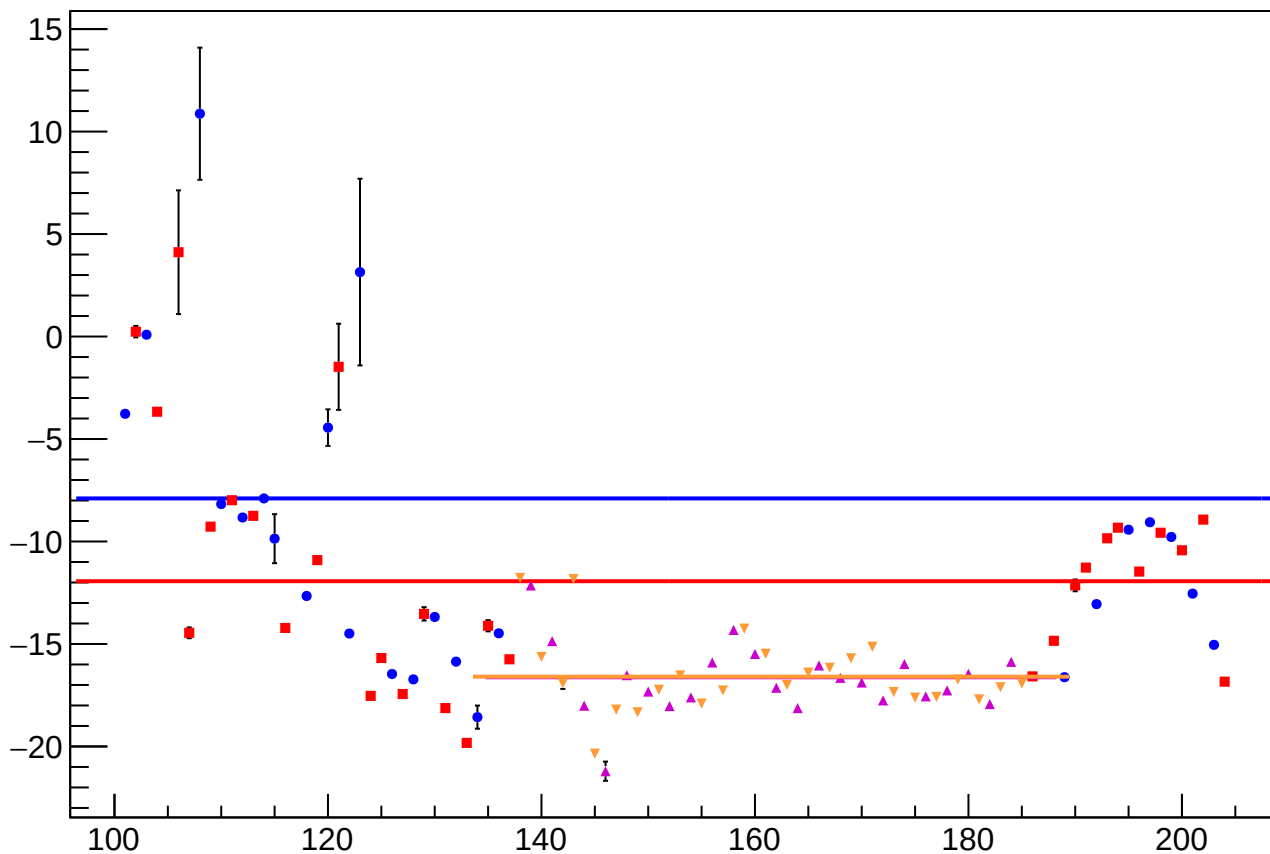
Left In: 2.313 ± 0.014 χ^2/NDF : 7446.3/22

+ sign -1.007 ± 0.000 χ^2/NDF : 61507.0/48

All: -1.007 ± 0.000 χ^2/NDF : 137760.6/100

- sign 1.080 ± 0.009 χ^2/NDF : 27665.0/51

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 52420.1/23

Left Out: -16.595 ± 0.014 χ^2/NDF : 8432.7/24

Right Out: -11.937 ± 0.014 χ^2/NDF : 46222.6/28

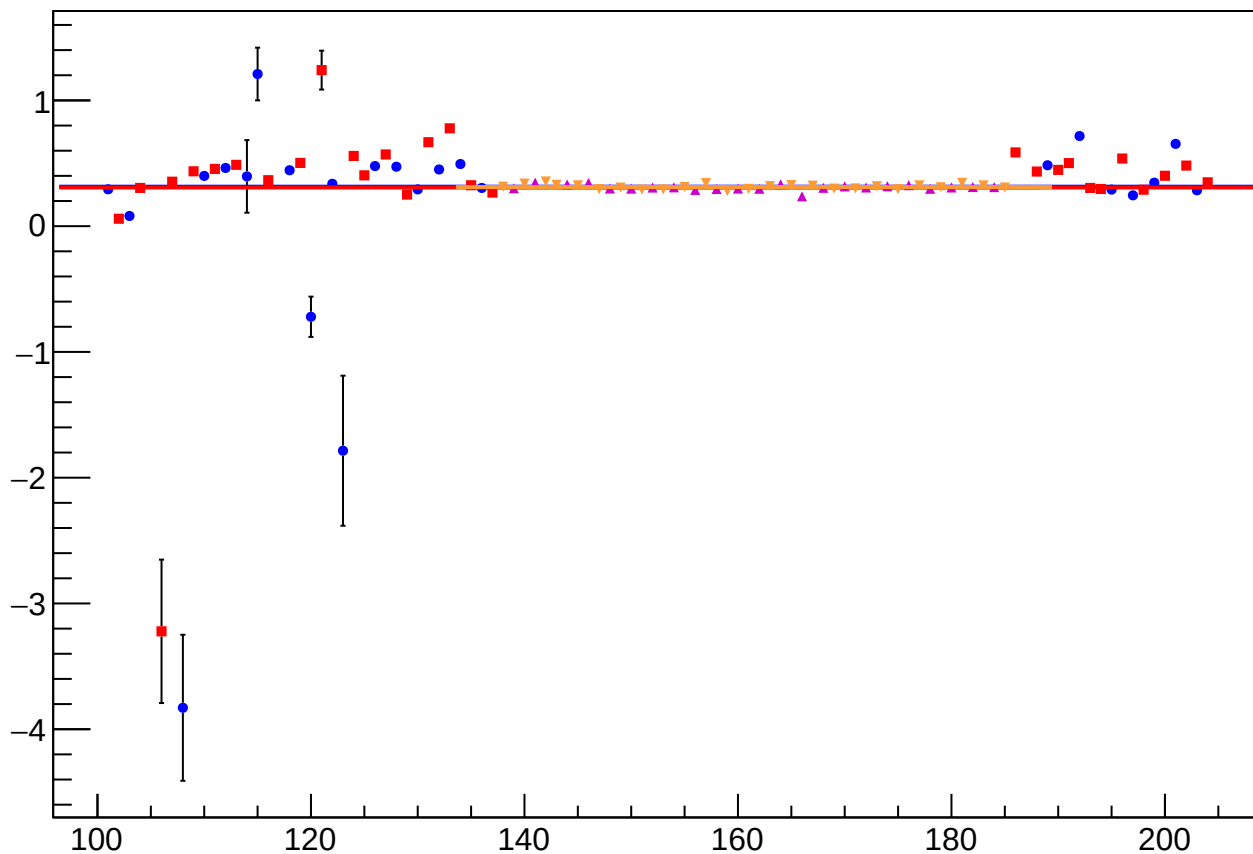
Left In: -16.625 ± 0.015 χ^2/NDF : 6289.5/22

+ sign -7.899 ± 0.000 χ^2/NDF : 426698.3/48

All: -7.899 ± 0.000 χ^2/NDF : 910873.5/100

- sign -14.231 ± 0.010 χ^2/NDF : 104498.9/51

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 $\pm$ 0.001 χ^2 /NDF: 3707.9/23

Left Out: 0.311 $\pm$ 0.000 χ^2 /NDF: 4975.7/24

Right Out: 0.308 $\pm$ 0.001 χ^2 /NDF: 8482.8/28

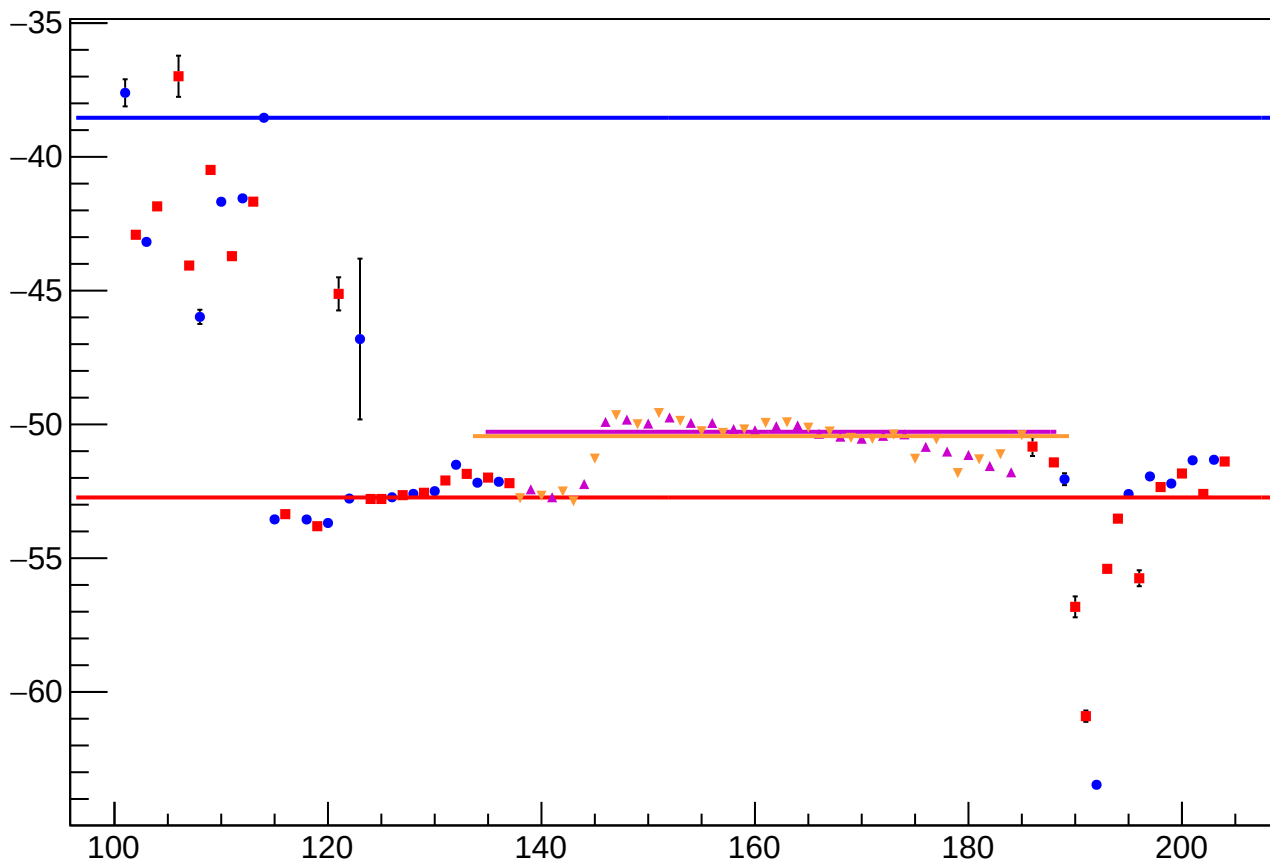
Left In: 0.310 $\pm$ 0.000 χ^2 /NDF: 3074.6/22

+ sign 0.311 $\pm$ 0.000 χ^2 /NDF: 8693.5/48

All: 0.310 $\pm$ 0.000 χ^2 /NDF: 20271.2/100

- sign 0.310 $\pm$ 0.000 χ^2 /NDF: 11564.1/51

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 $\chi^2/\text{NDF}: 15275040.1/23$

Left Out: -50.438 ± 0.001 $\chi^2/\text{NDF}: 299897.3/24$

Right Out: -52.730 ± 0.002 $\chi^2/\text{NDF}: 85897.0/28$

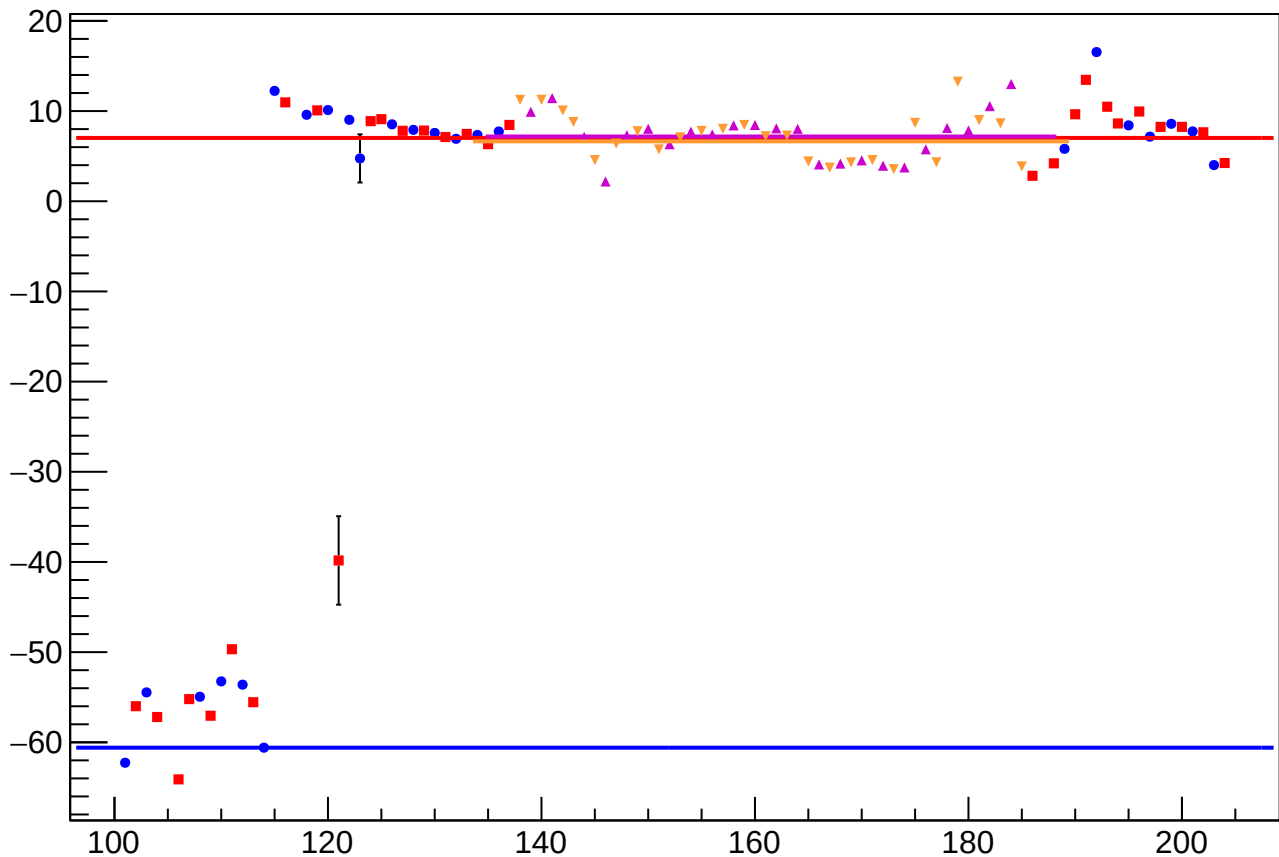
Left In: -50.276 ± 0.001 $\chi^2/\text{NDF}: 190236.3/22$

+ sign -38.539 ± 0.000 $\chi^2/\text{NDF}: 91154266.6/48$

All: -38.539 ± 0.000 $\chi^2/\text{NDF}: 237110040.7/1$

- sign -51.036 ± 0.001 $\chi^2/\text{NDF}: 1467784.0/51$

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 $\chi^2/\text{NDF}: 33603983.9/23$

Left Out: 6.641 ± 0.004 $\chi^2/\text{NDF}: 340462.4/24$

Right Out: 7.023 ± 0.009 $\chi^2/\text{NDF}: 1169564.9/28$

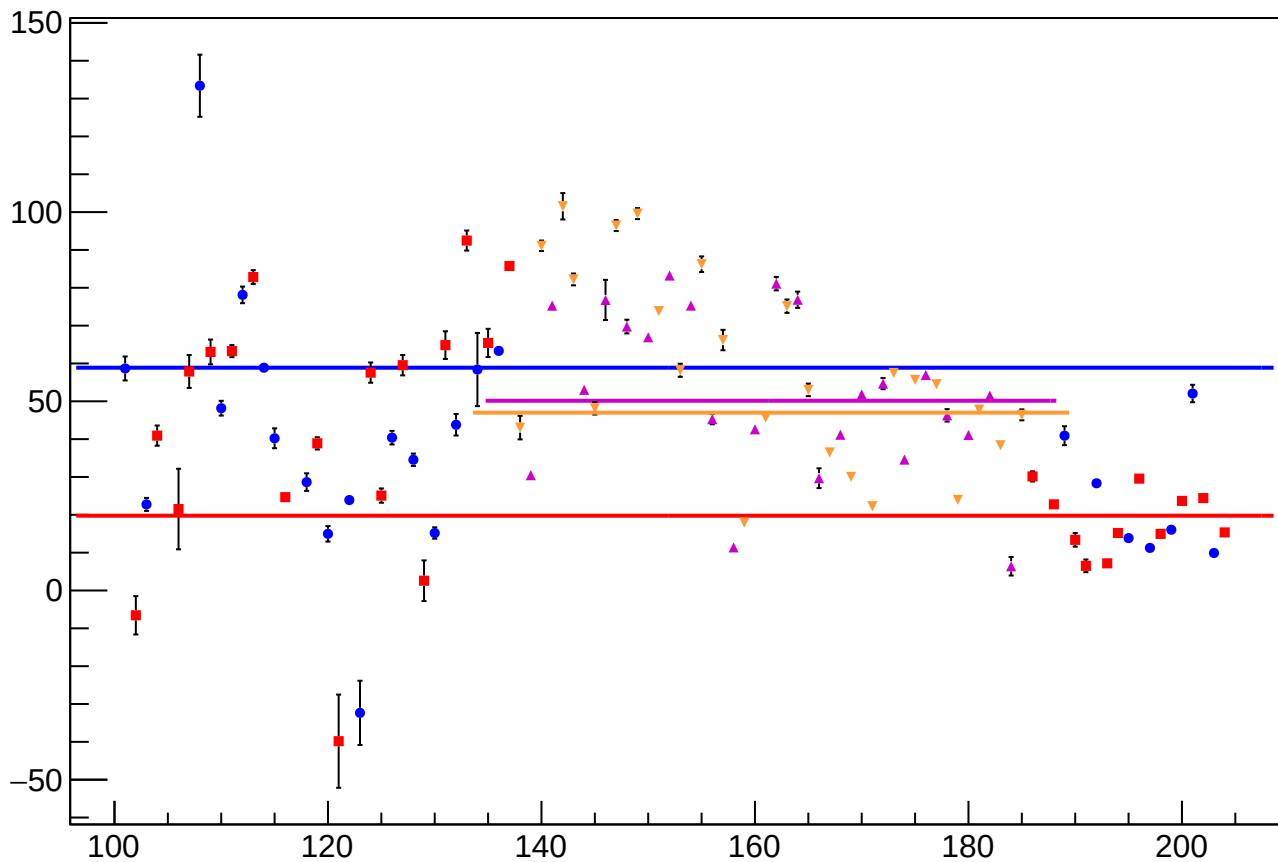
Left In: 7.179 ± 0.003 $\chi^2/\text{NDF}: 214127.6/22$

+ sign -60.594 ± 0.000 $\chi^2/\text{NDF}: 368009574.3/48$

All: -60.594 ± 0.000 $\chi^2/\text{NDF}: 805371245.5/1$

- sign 7.160 ± 0.003 $\chi^2/\text{NDF}: 1383938.6/51$

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 41805.0/23

Left Out: 46.995 $\pm$ 0.215 χ^2 /NDF: 9203.7/24

Right Out: 19.766 $\pm$ 0.144 χ^2 /NDF: 10938.8/28

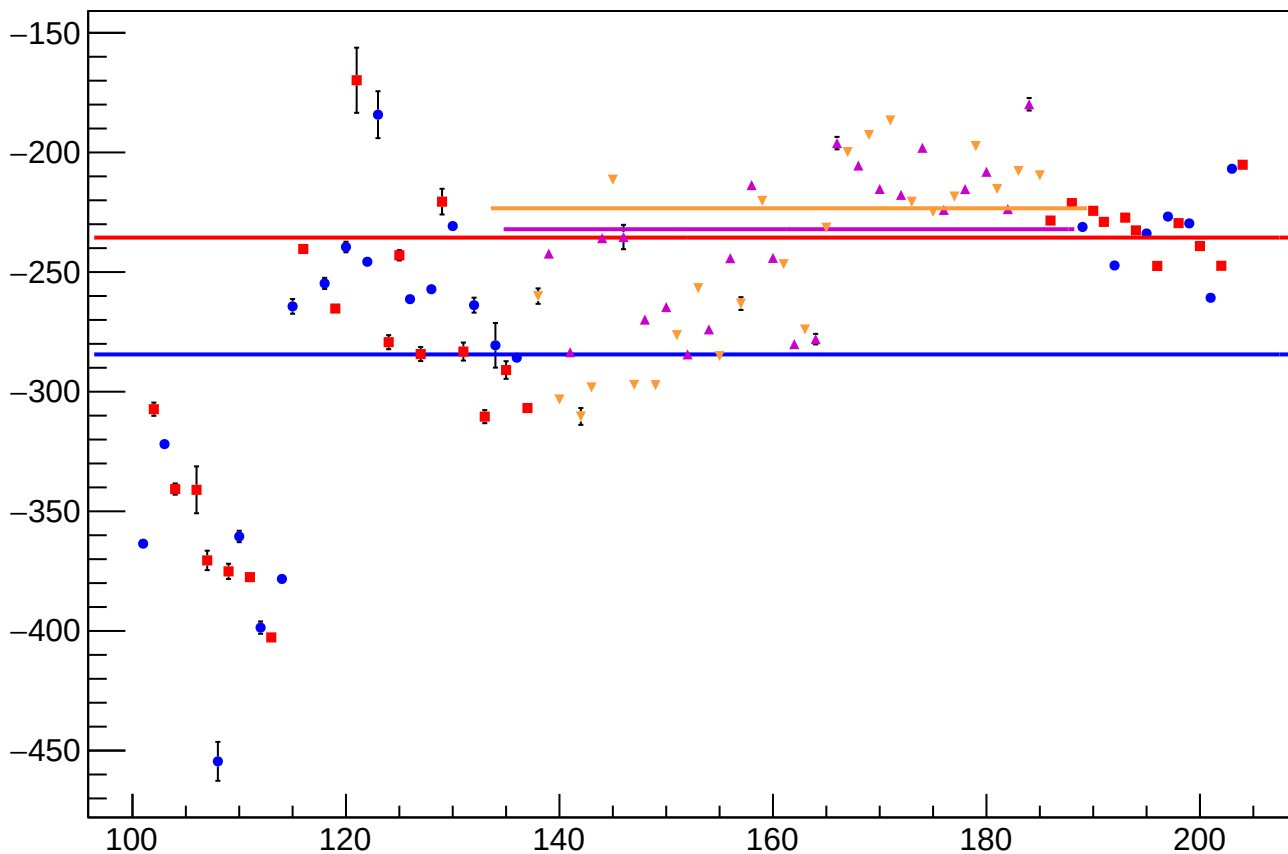
Left In: 50.144 $\pm$ 0.212 χ^2 /NDF: 6667.7/22

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 54065.4/48

All: 58.880 $\pm$ 0.000 χ^2 /NDF: 147586.0/100

- sign 29.349 $\pm$ 0.119 χ^2 /NDF: 31727.2/51

dit_sam2_4eX_slope vs Slug



Right In: -284.419 ± 0.166 χ^2/NDF : 180070.2/23

Left Out: -223.342 ± 0.215 χ^2/NDF : 22293.9/24

Right Out: -235.592 ± 0.130 χ^2/NDF : 31177.1/28

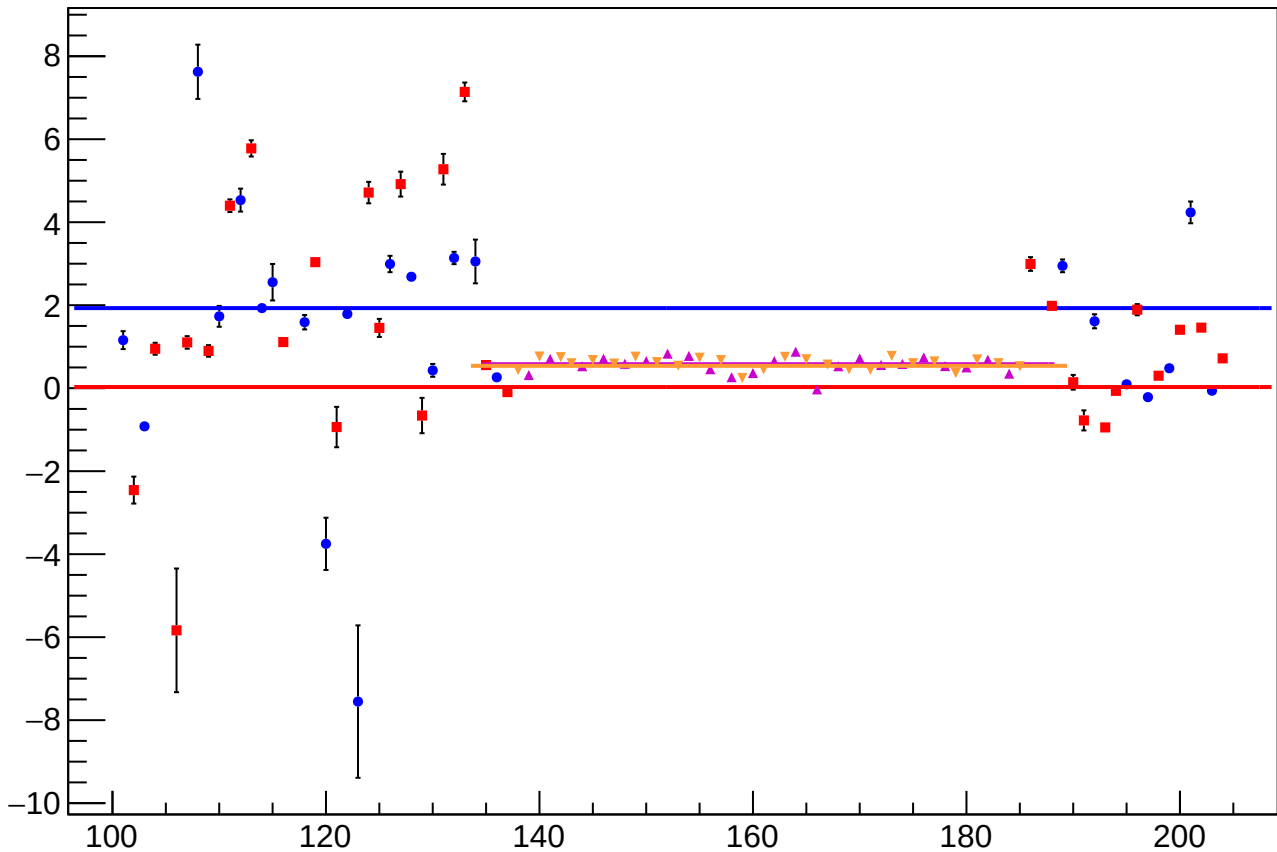
Left In: -232.094 ± 0.217 χ^2/NDF : 17468.1/22

+ sign -261.718 ± 0.131 χ^2/NDF : 252869.6/48

All: -245.997 ± 0.085 χ^2/NDF : 326356.4/100

- sign -234.672 ± 0.111 χ^2/NDF : 48835.9/51

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 65623.8/23

Left Out: 0.539 $\pm$ 0.002 χ^2 /NDF:10792.6/24

Right Out: 0.028 $\pm$ 0.004 χ^2 /NDF: 12172.0/28

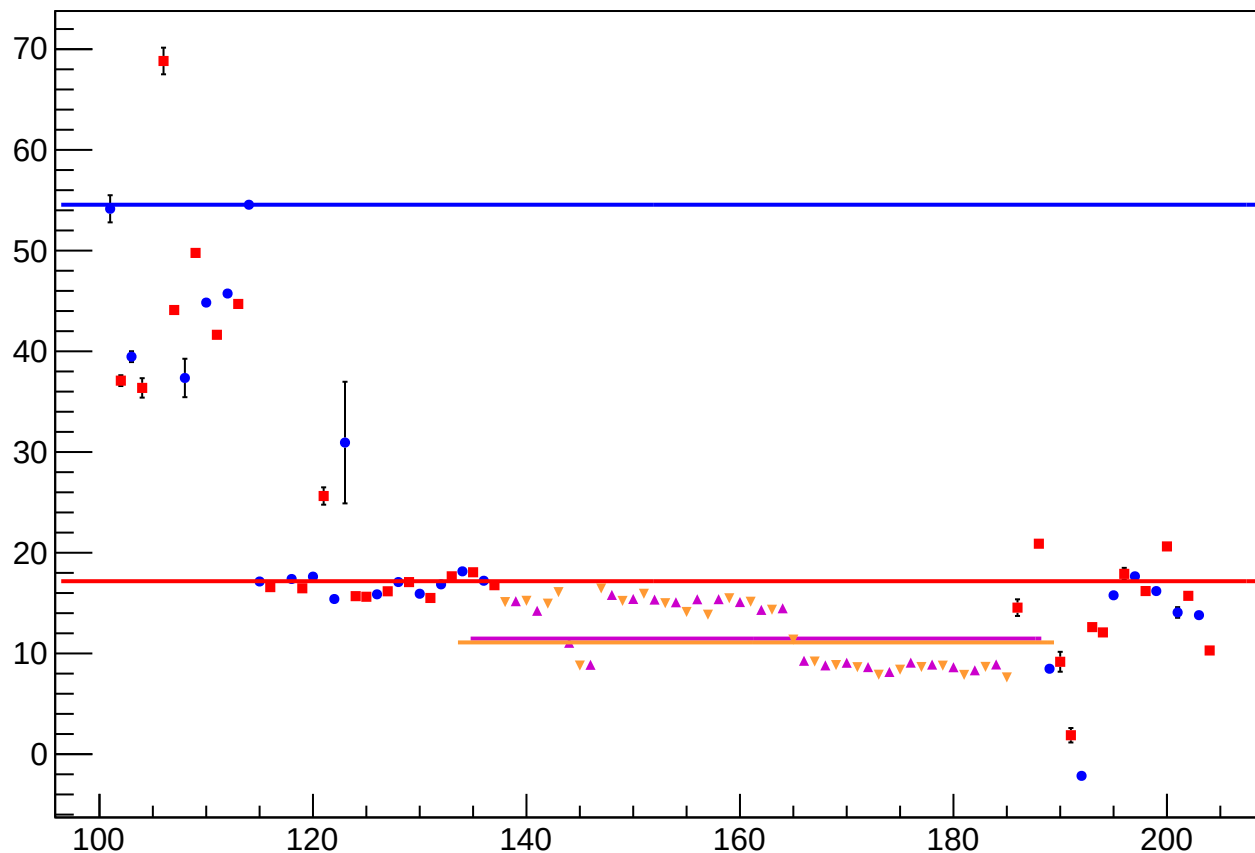
Left In: 0.577 $\pm$ 0.001 χ^2 /NDF:15533.6/22

+ sign 1.930 $\pm$ 0.000 χ^2 /NDF: 767700.3/48

All: 1.930 $\pm$ 0.000 χ^2 /NDF: 1862524.9/100

- sign 0.520 $\pm$ 0.001 χ^2 /NDF: 42520.3/51

dit_sam2_4aY_slope vs Slug



Right In: 54.556 ± 0.000 $\chi^2/\text{NDF}: 9984538.5/23$

Left Out: 11.095 ± 0.005 $\chi^2/\text{NDF}: 381518.3/24$

Right Out: 17.174 ± 0.018 $\chi^2/\text{NDF}: 63015.9/28$

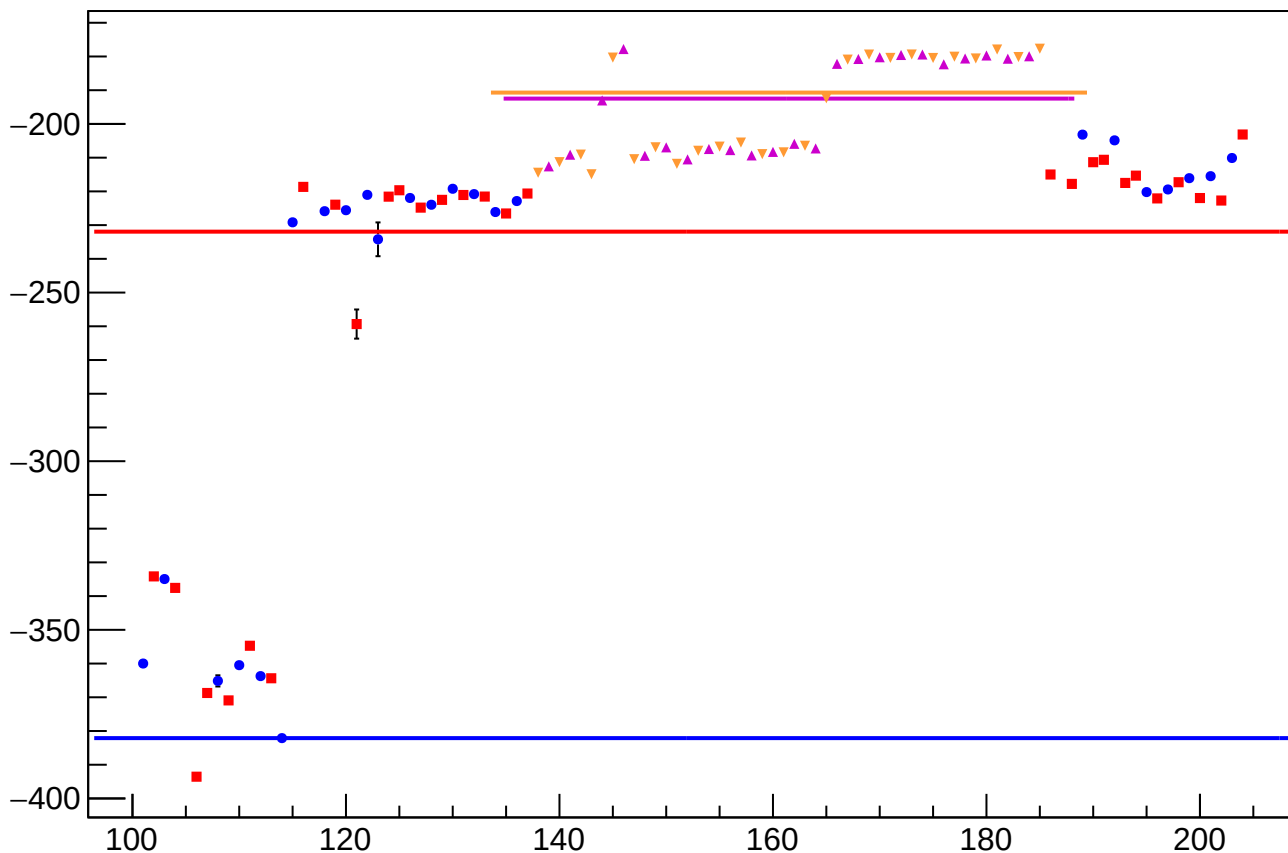
Left In: 11.477 ± 0.005 $\chi^2/\text{NDF}: 381285.2/22$

+ sign 54.556 ± 0.000 $\chi^2/\text{NDF}: 76191337.2/48$

All: 54.556 ± 0.000 $\chi^2/\text{NDF}: 148915380.9/10$

- sign 11.922 ± 0.005 $\chi^2/\text{NDF}: 537110.4/51$

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 $\chi^2/\text{NDF}: 20030667.1/23$

Left Out: -190.703 ± 0.011 $\chi^2/\text{NDF}: 1602184.8/24$

Right Out: -231.938 ± 0.045 $\chi^2/\text{NDF}: 666148.9/28$

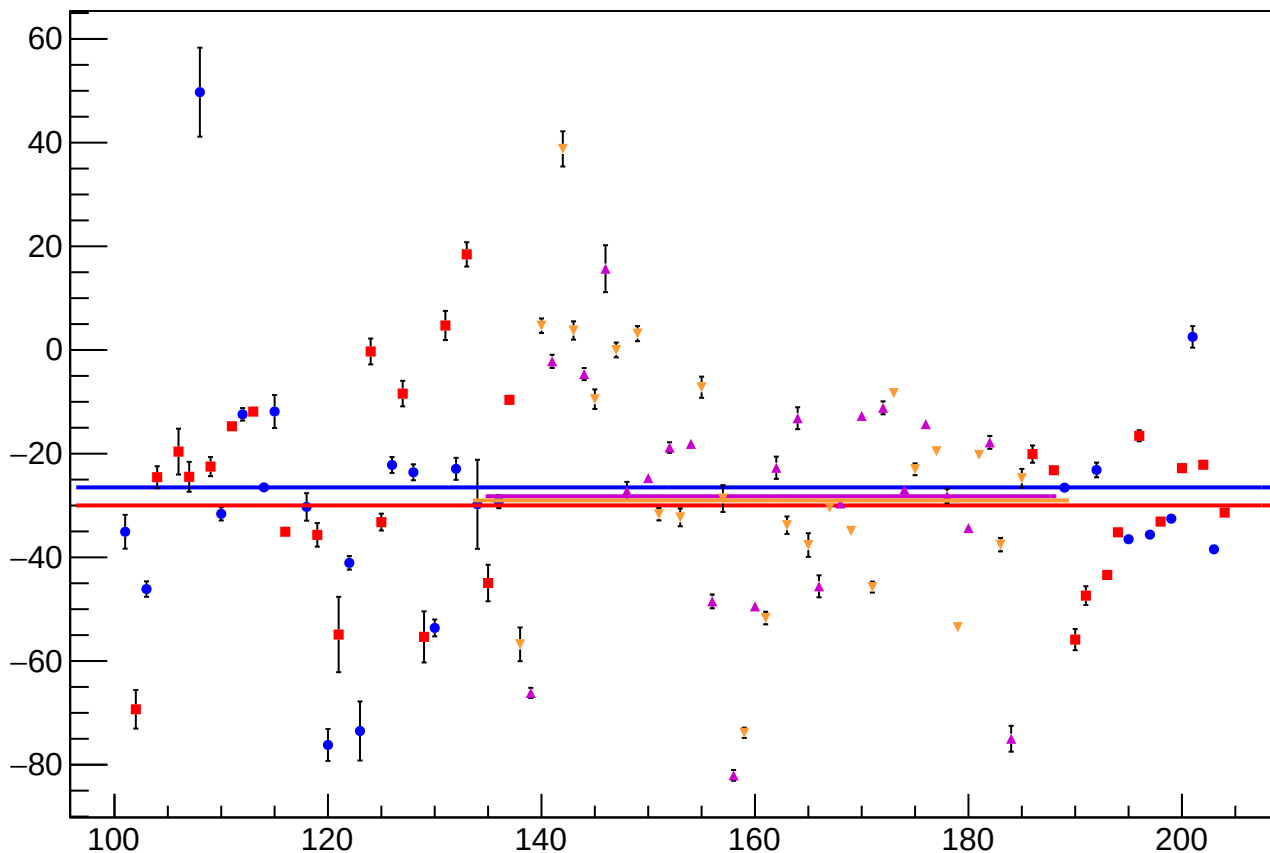
Left In: -192.488 ± 0.011 $\chi^2/\text{NDF}: 1500910.9/22$

+ sign -382.108 ± 0.000 $\chi^2/\text{NDF}: 315969497.5/48$

All: -382.108 ± 0.000 $\chi^2/\text{NDF}: 606397226.6/100$

- sign -194.865 ± 0.011 $\chi^2/\text{NDF}: 2890037.7/51$

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 2682.7/23

Left Out: -29.022 ± 0.235 χ^2/NDF : 7110.5/24

Right Out: -29.987 ± 0.153 χ^2/NDF : 4893.7/28

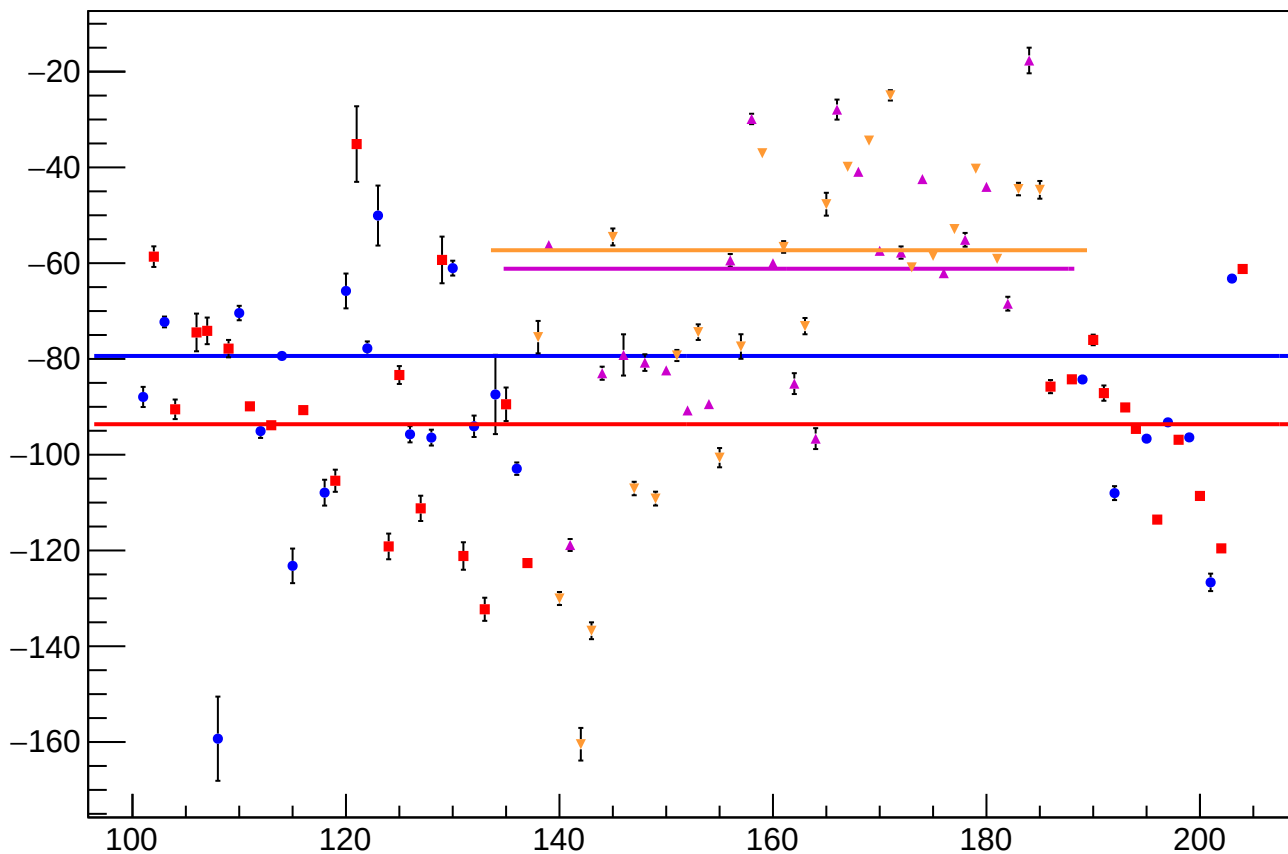
Left In: -28.215 ± 0.215 χ^2/NDF : 7786.5/22

+ sign -26.504 ± 0.000 χ^2/NDF : 9908.2/48

All: -26.504 ± 0.000 χ^2/NDF : 23171.9/100

- sign -29.391 ± 0.124 χ^2/NDF : 12725.5/51

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 6020.2/23

Left Out: -57.300 ± 0.229 χ^2/NDF : 13067.7/24

Right Out: -93.633 ± 0.132 χ^2/NDF : 7823.4/28

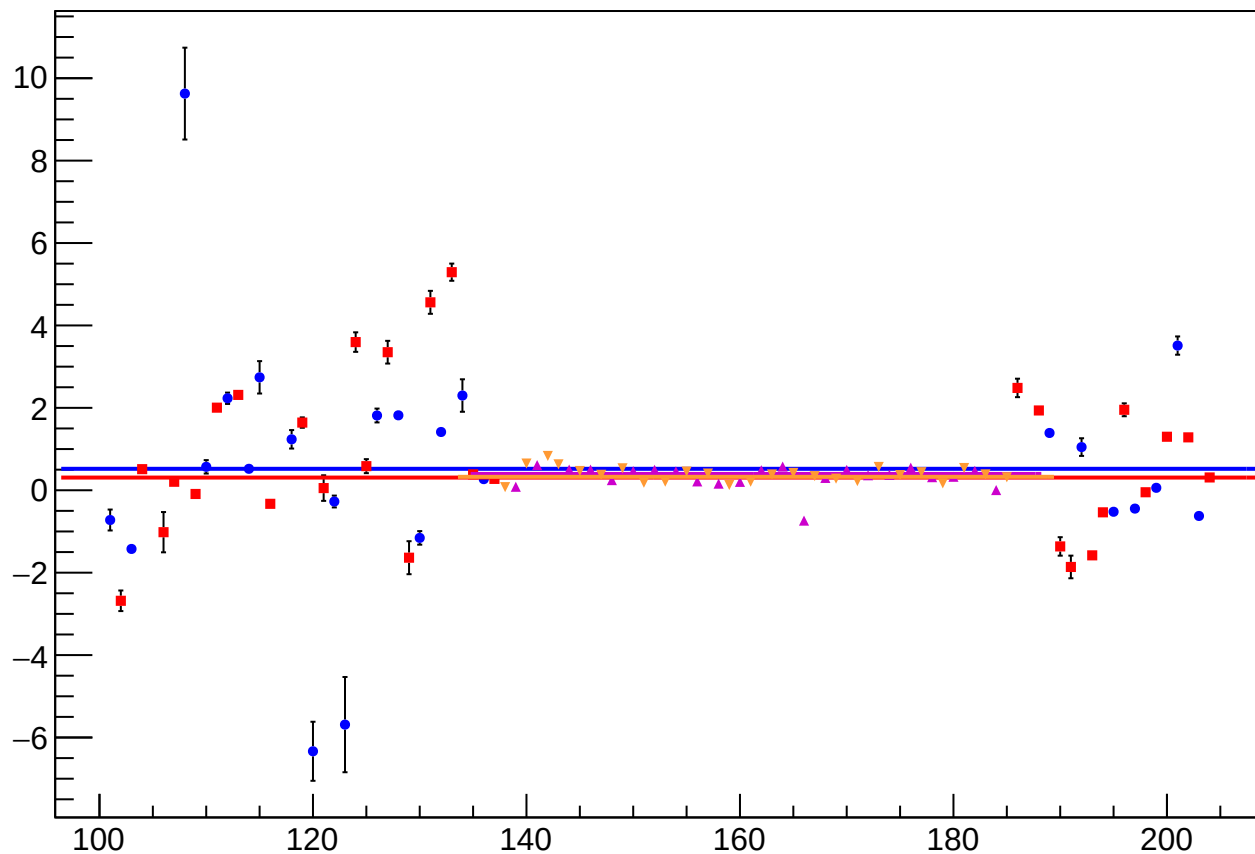
Left In: -61.164 ± 0.218 χ^2/NDF : 8941.7/22

+ sign -79.376 ± 0.000 χ^2/NDF : 28365.5/48

All: -79.376 ± 0.000 χ^2/NDF : 63842.2/100

- sign -84.920 ± 0.113 χ^2/NDF : 33057.3/51

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 4526.2/23

Left Out: 0.326+/-0.002 χ^2/NDF :10419.3/24

Right Out: 0.308+/-0.010 χ^2/NDF : 6378.1/28

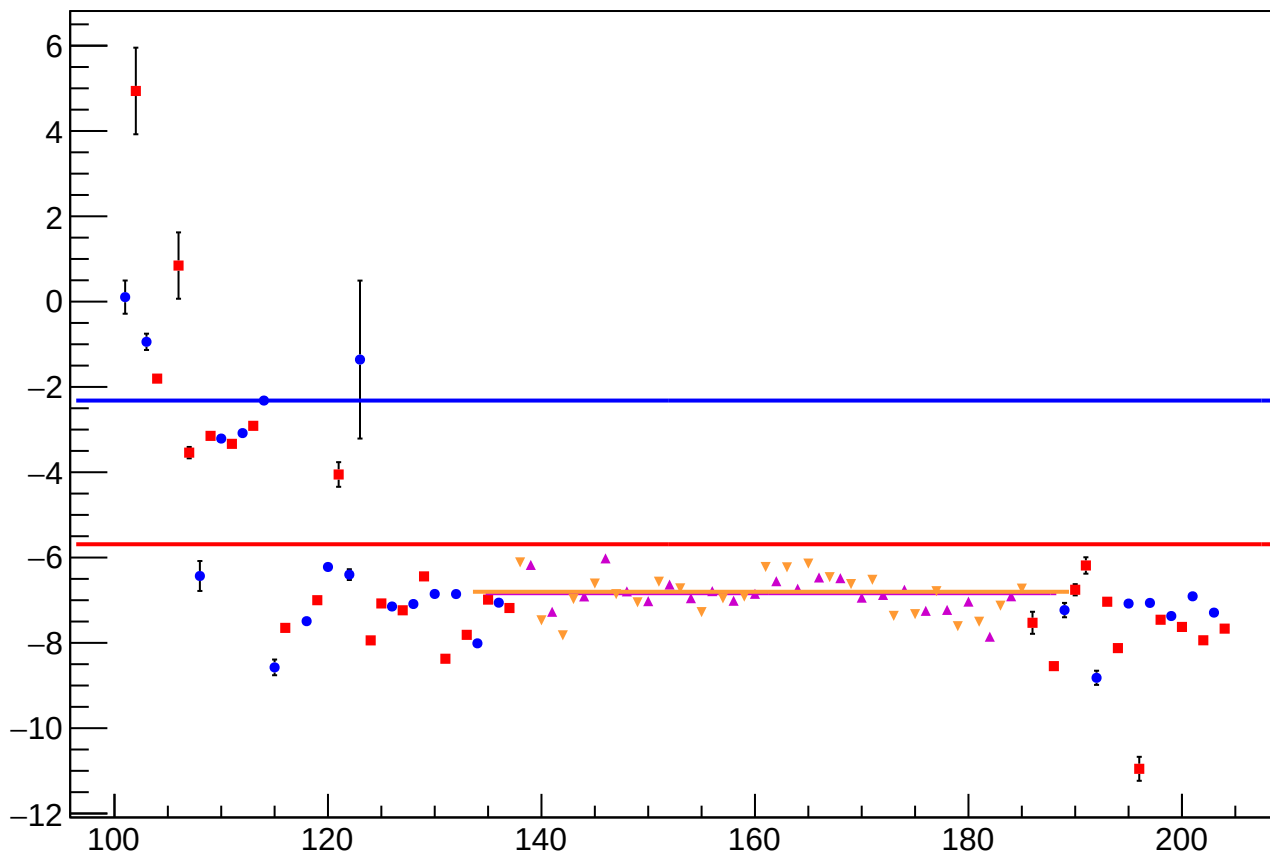
Left In: 0.396+/-0.001 χ^2/NDF :11392.0/22

+ sign 0.521+/-0.000 χ^2/NDF : 29698.6/48

All: 0.521+/-0.000 χ^2/NDF : 55450.5/100

- sign 0.394+/-0.001 χ^2/NDF : 17847.8/51

dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 χ^2/NDF : 307313.8/23

Left Out: -6.802 ± 0.002 χ^2/NDF : 14918.8/24

Right Out: -5.688 ± 0.009 χ^2/NDF : 68504.6/28

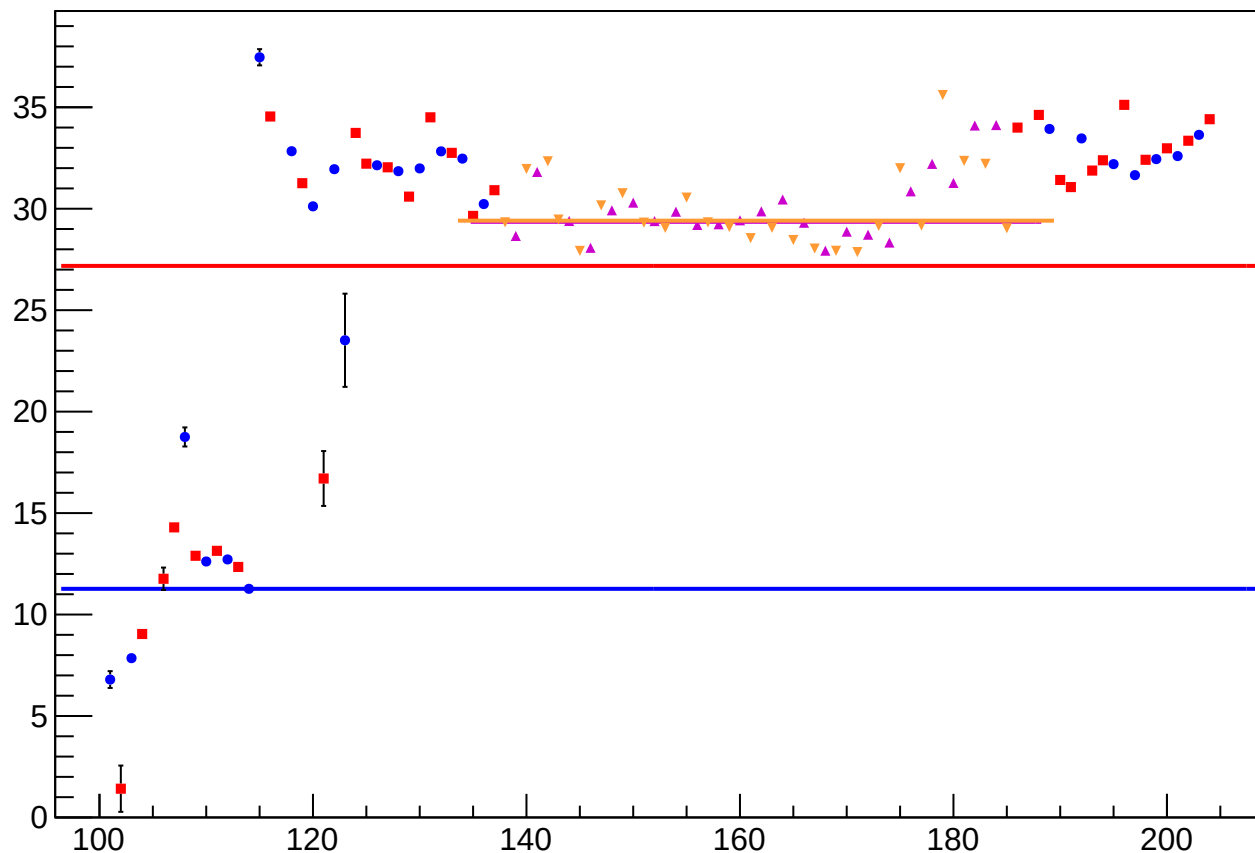
Left In: -6.836 ± 0.002 χ^2/NDF : 9245.1/22

+ sign -2.320 ± 0.000 χ^2/NDF : 3570139.6/48

All: -2.320 ± 0.000 χ^2/NDF : 7309935.4/100

- sign -6.754 ± 0.002 χ^2/NDF : 93916.8/51

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 1710270.5/23

Left Out: 29.411 $\pm$ 0.008 χ^2 /NDF: 44374.5/24

Right Out: 27.182 $\pm$ 0.013 χ^2 /NDF: 546218.7/28

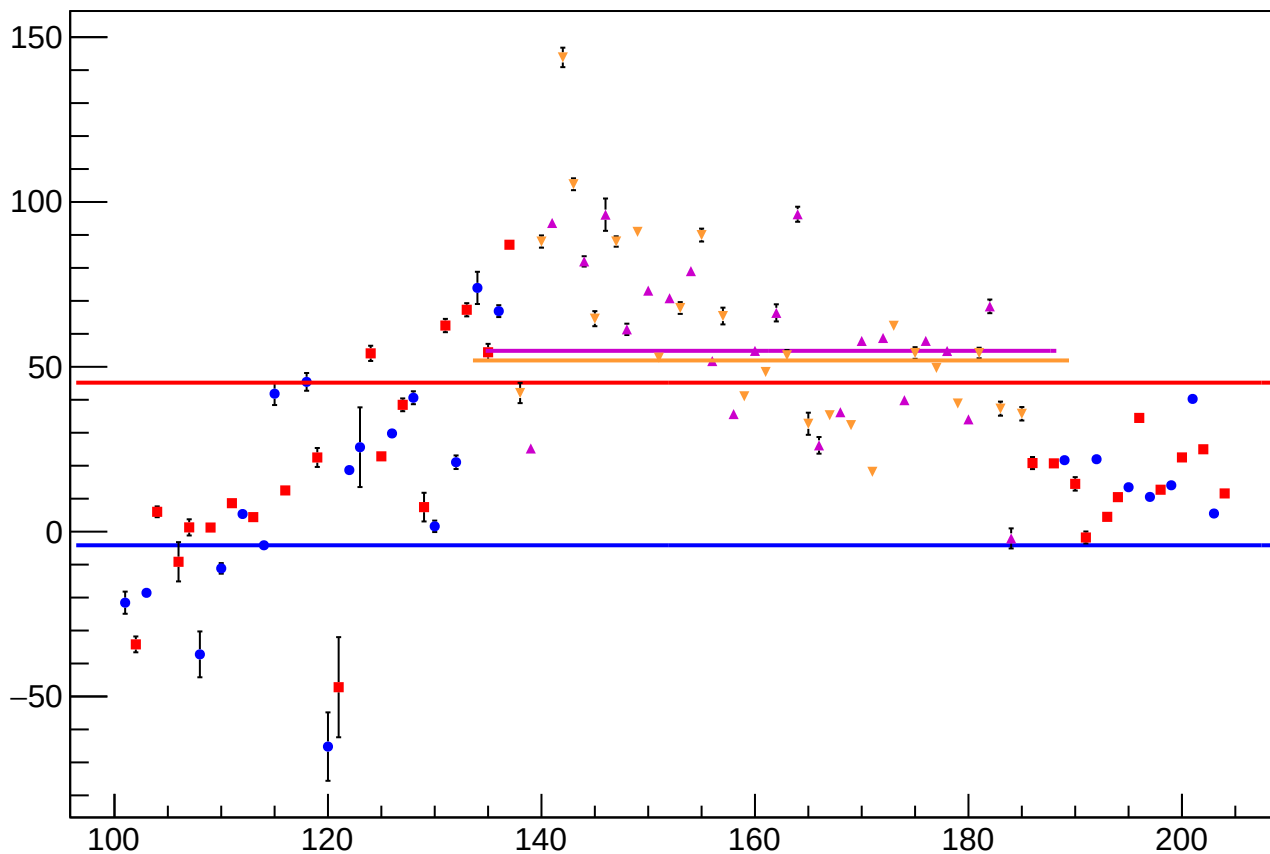
Left In: 29.354 $\pm$ 0.008 χ^2 /NDF: 14741.7/22

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 6669895.5/48

All: 11.268 $\pm$ 0.000 χ^2 /NDF: 14110309.7/100

- sign 28.737 $\pm$ 0.007 χ^2 /NDF: 582497.4/51

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 9231.7/23

Left Out: 51.931 ± 0.276 χ^2/NDF : 6225.4/24

Right Out: 45.192 ± 0.145 χ^2/NDF : 64406.1/28

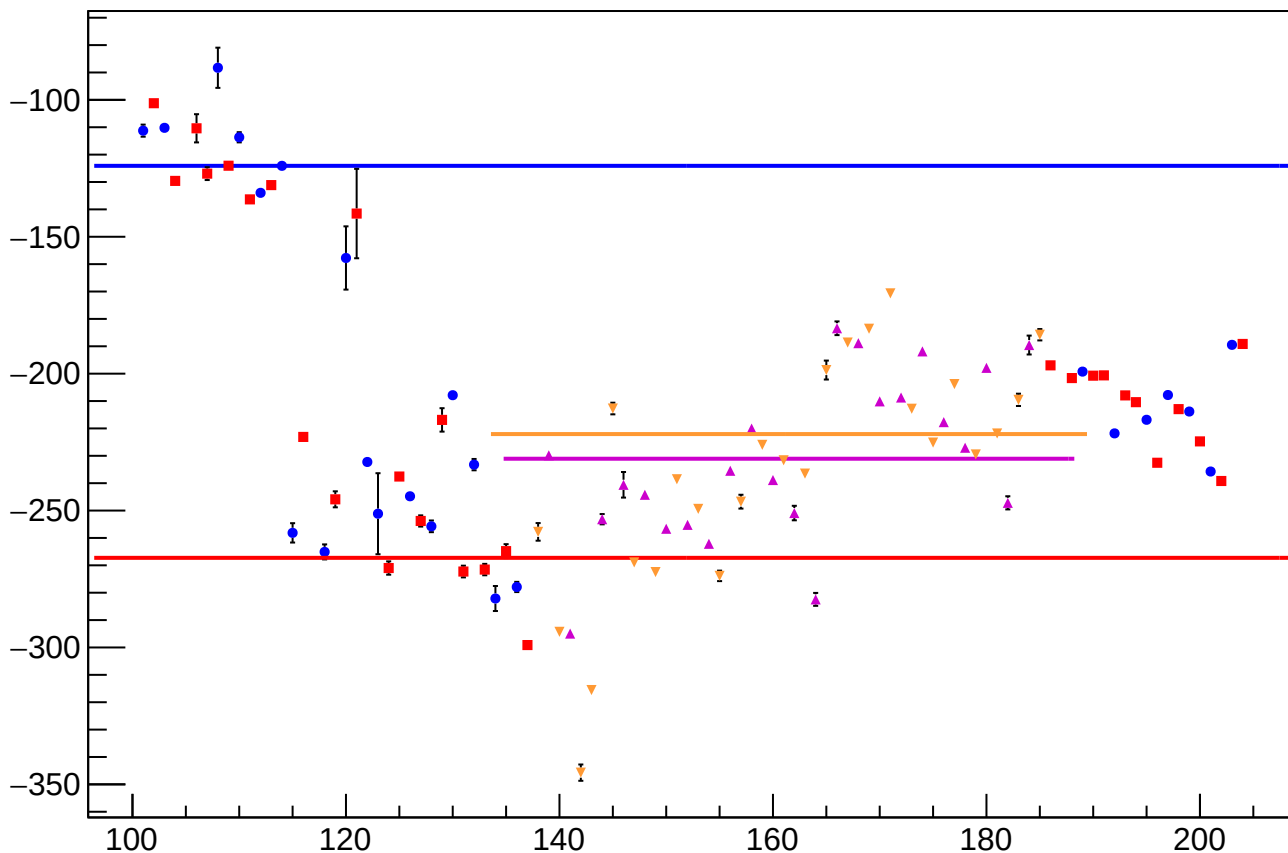
Left In: 54.849 ± 0.247 χ^2/NDF : 6325.8/22

+ sign -4.139 ± 0.000 χ^2/NDF : 56863.2/48

All: -4.139 ± 0.000 χ^2/NDF : 300834.8/100

- sign 47.656 ± 0.125 χ^2/NDF : 71868.7/51

dit_sam4_4eX_slope vs Slug



Right In: -124.095 $\pm$ 0.000 χ^2 /NDF: 144704.8/23

Left Out: -222.063 $\pm$ 0.272 χ^2 /NDF:15812.2/24

Right Out: -267.265 $\pm$ 0.101 χ^2 /NDF: 227604.5/28

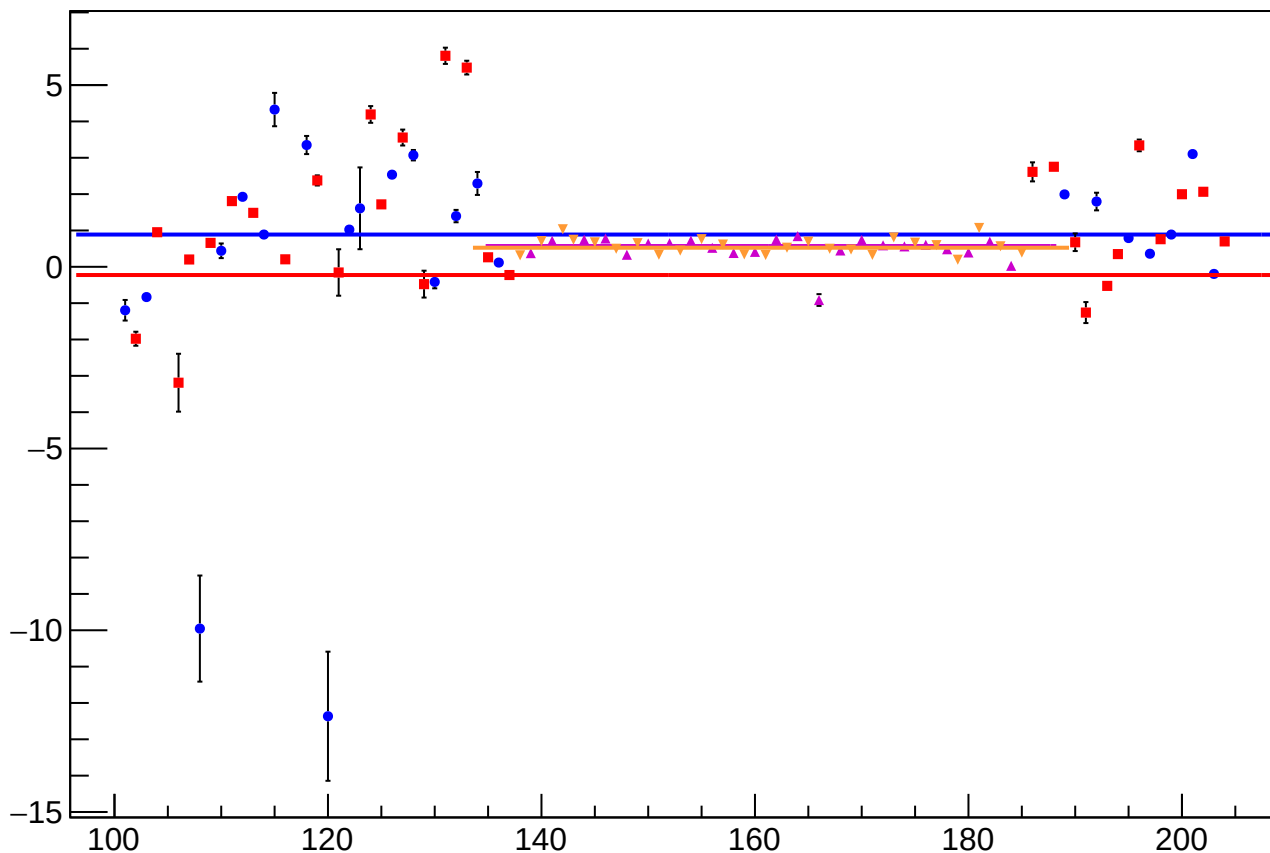
Left In: -231.069 $\pm$ 0.249 χ^2 /NDF:12005.6/22

+ sign -124.095 $\pm$ 0.000 χ^2 /NDF: 290071.3/48

All: -124.095 $\pm$ 0.000 χ^2 /NDF: 2727826.6/10

- sign -262.178 $\pm$ 0.094 χ^2 /NDF: 257703.3/51

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 9298.1/23

Left Out: 0.525 ± 0.002 χ^2/NDF : 9207.9/24

Right Out: -0.226 ± 0.000 χ^2/NDF : 8689.8/28

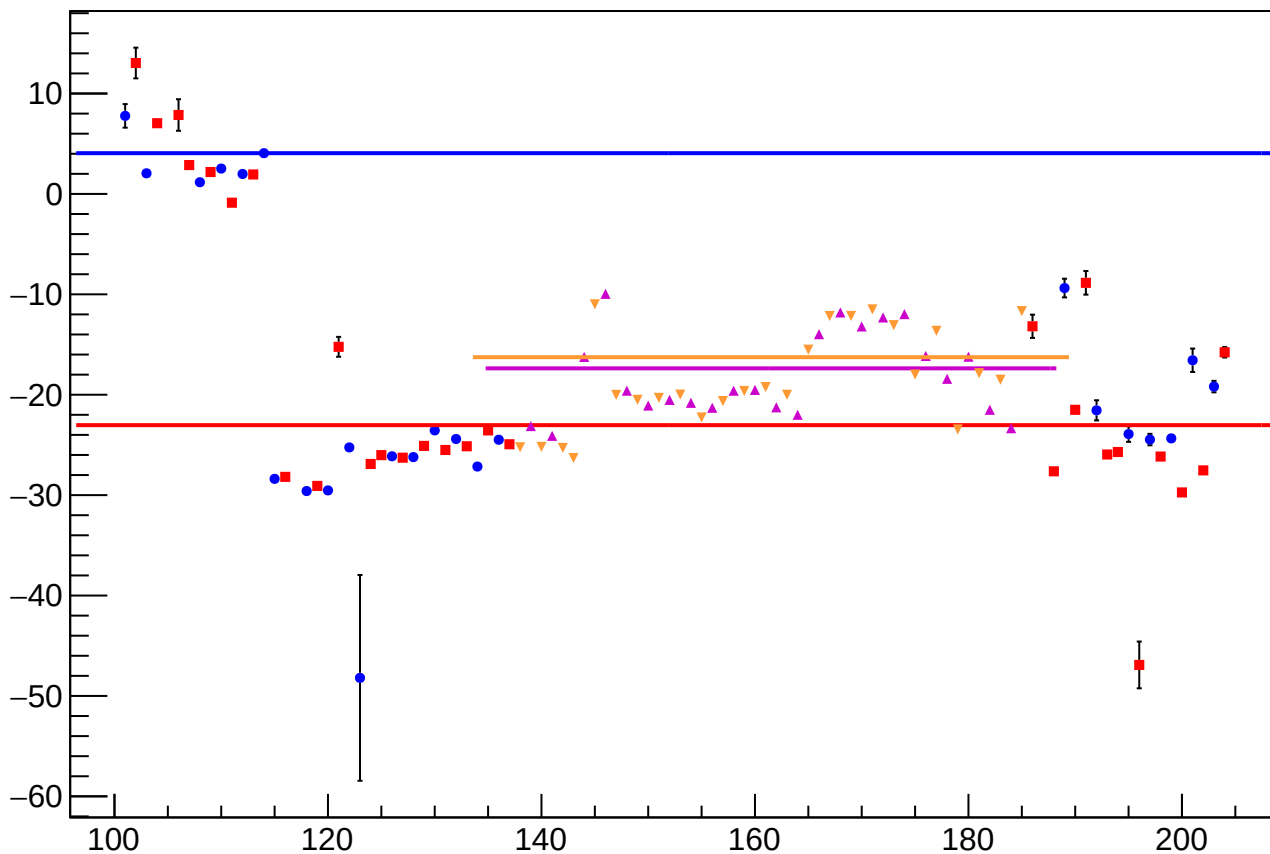
Left In: 0.572 ± 0.002 χ^2/NDF : 5600.2/22

+ sign 0.888 ± 0.000 χ^2/NDF : 50845.3/48

All: 0.888 ± 0.000 χ^2/NDF : 422295601.1/100

- sign -0.225 ± 0.000 χ^2/NDF : 176182.9/51

dit_sam4_4aY_slope vs Slug



Right In: 4.057 $\pm$ 0.000 χ^2 /NDF: 1257730.1/23

Left Out: -16.260 $\pm$ 0.010 χ^2 /NDF:188515.0/24

Right Out: -23.029 $\pm$ 0.026 χ^2 /NDF: 117608.2/28

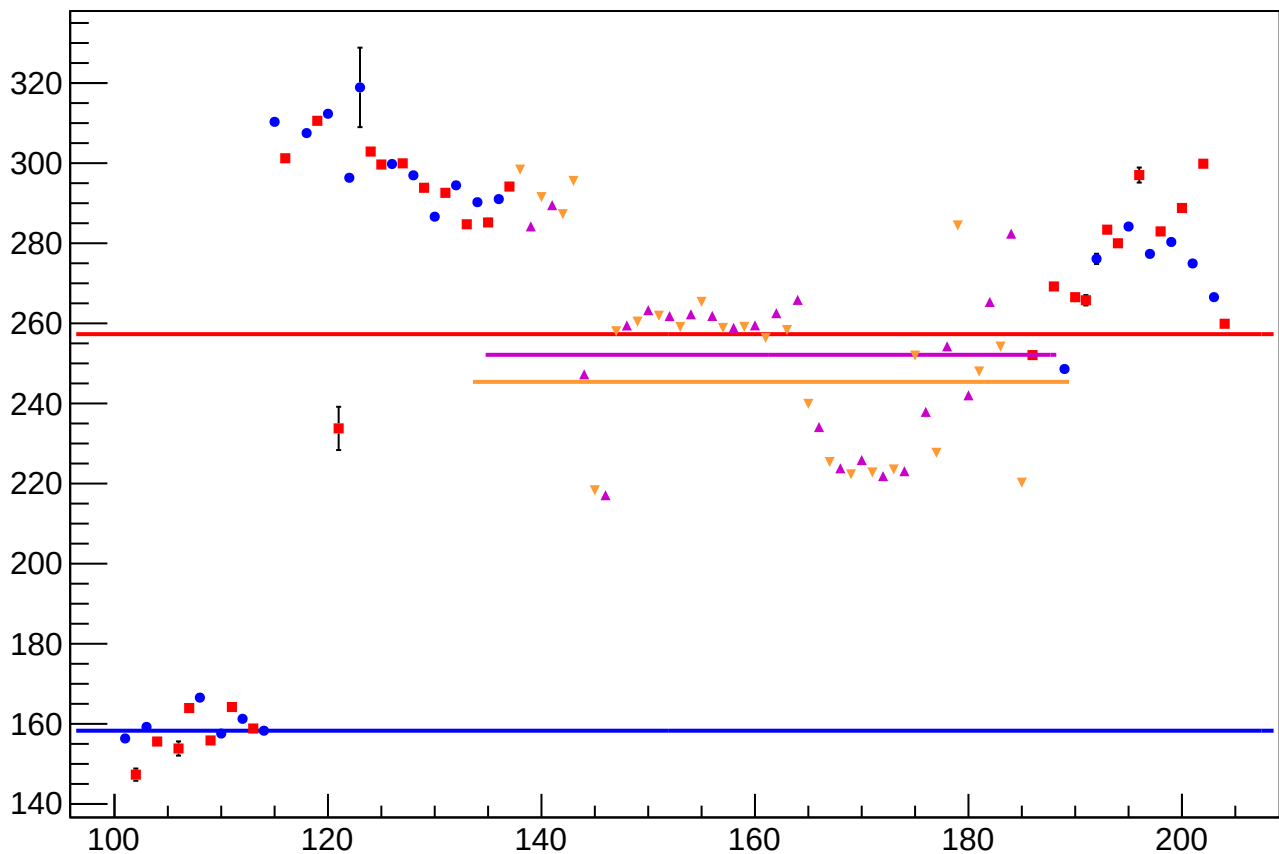
Left In: -17.374 $\pm$ 0.009 χ^2 /NDF:169487.5/22

+ sign 4.057 $\pm$ 0.000 χ^2 /NDF: 5562140.2/48

All: 4.057 $\pm$ 0.000 χ^2 /NDF: 12180131.8/100

- sign -18.032 $\pm$ 0.009 χ^2 /NDF: 329495.9/51

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2619550.4/23

Left Out: 245.391 $\pm$ 0.027 χ^2 /NDF: 723564.6/24

Right Out: 257.304 $\pm$ 0.060 χ^2 /NDF: 976343.9/28

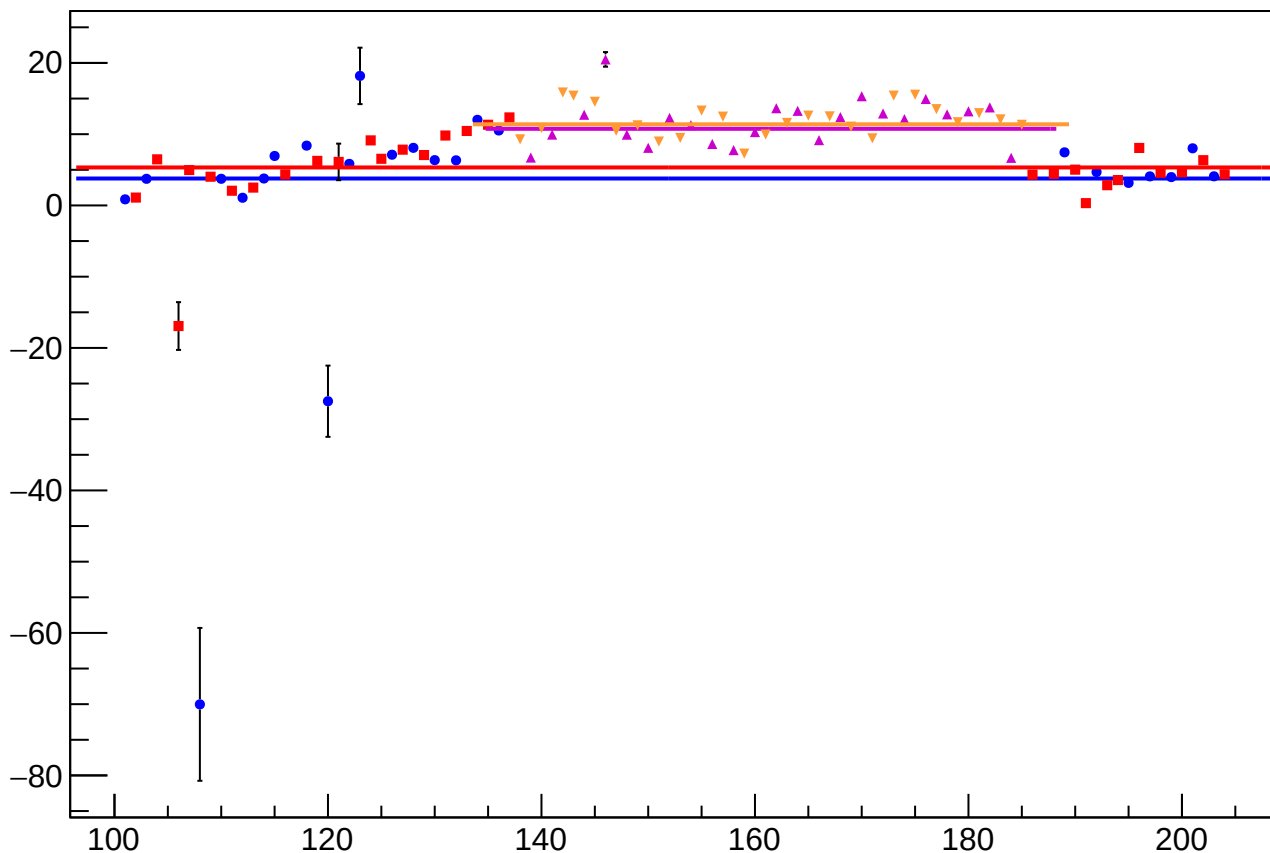
Left In: 252.148 $\pm$ 0.028 χ^2 /NDF: 359416.7/22

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 13473715.1/48

All: 158.293 $\pm$ 0.000 χ^2 /NDF: 28490470.1/10

- sign 253.087 $\pm$ 0.026 χ^2 /NDF: 1341787.6/51

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 7447.1/23

Left Out: 11.389 ± 0.030 χ^2/NDF : 4296.1/24

Right Out: 5.331 ± 0.020 χ^2/NDF : 20457.2/28

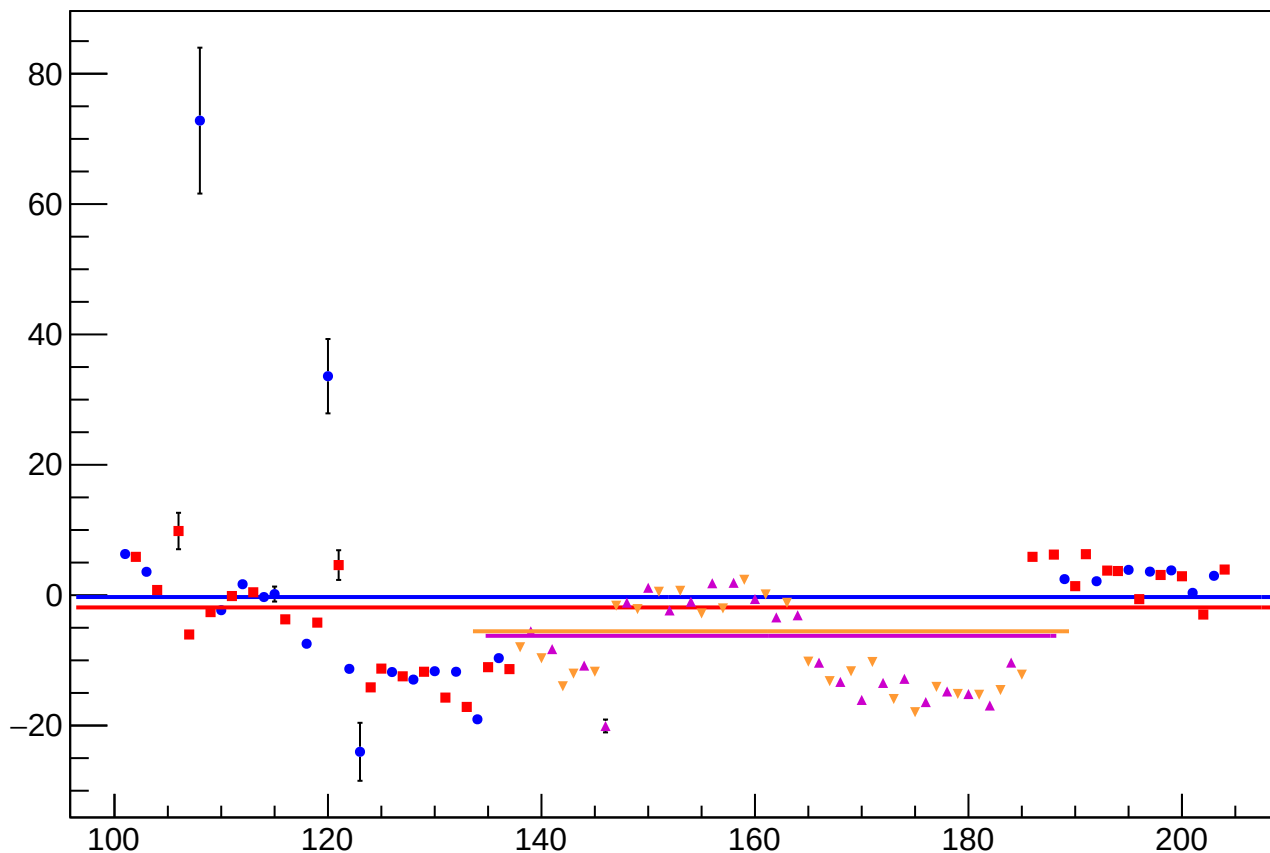
Left In: 10.753 ± 0.028 χ^2/NDF : 9950.6/22

+ sign 3.778 ± 0.000 χ^2/NDF : 75739.3/48

All: 3.778 ± 0.000 χ^2/NDF : 175403.9/100

- sign 7.209 ± 0.016 χ^2/NDF : 55430.9/51

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 51840.2/23

Left Out: -5.539 ± 0.030 χ^2/NDF : 43439.8/24

Right Out: -1.880 ± 0.021 χ^2/NDF : 115860.4/28

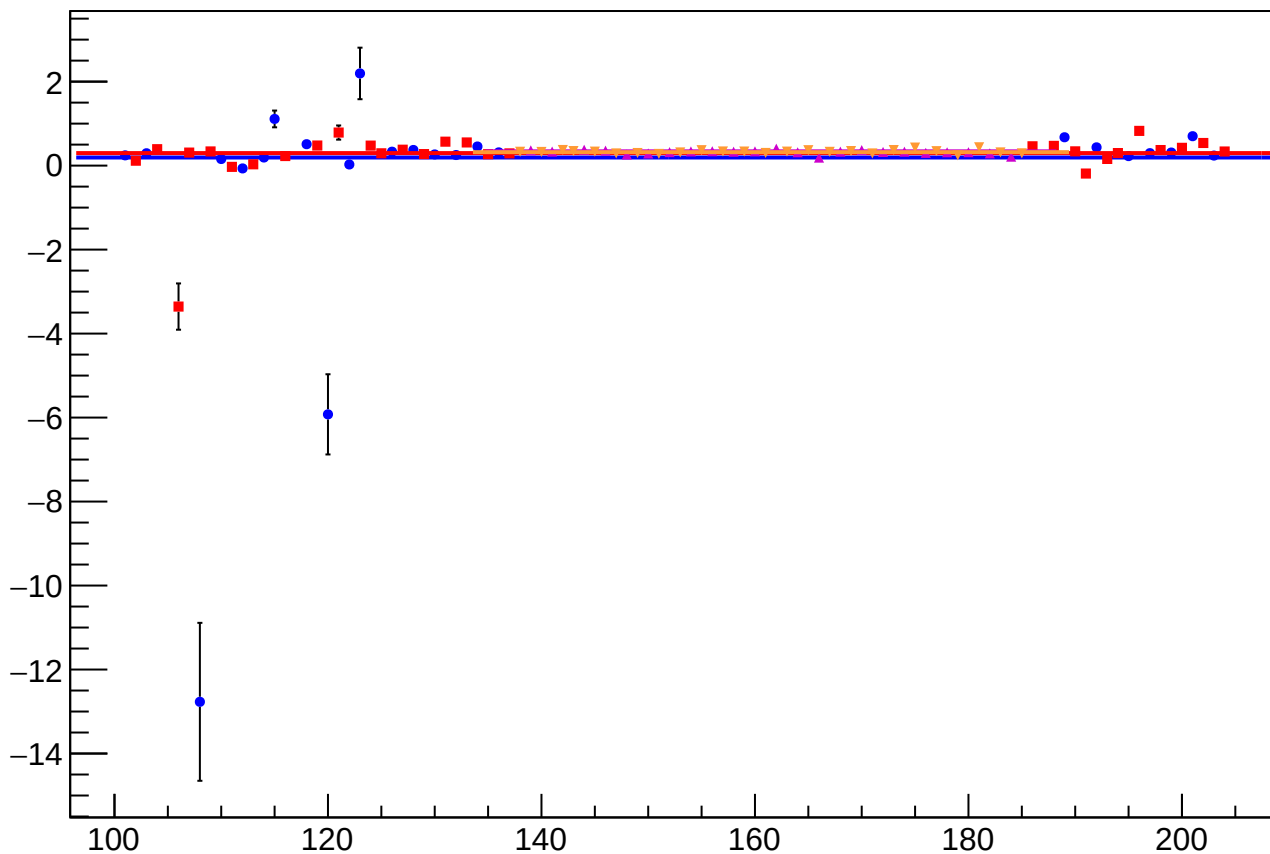
Left In: -6.234 ± 0.028 χ^2/NDF : 57358.9/22

+ sign -0.287 ± 0.000 χ^2/NDF : 125722.4/48

All: -0.287 ± 0.000 χ^2/NDF : 349306.6/100

- sign -3.388 ± 0.017 χ^2/NDF : 188763.0/51

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 11312.2/23

Left Out: 0.320 $\pm$ 0.001 χ^2 /NDF: 3374.4/24

Right Out: 0.298 $\pm$ 0.001 χ^2 /NDF: 8454.7/28

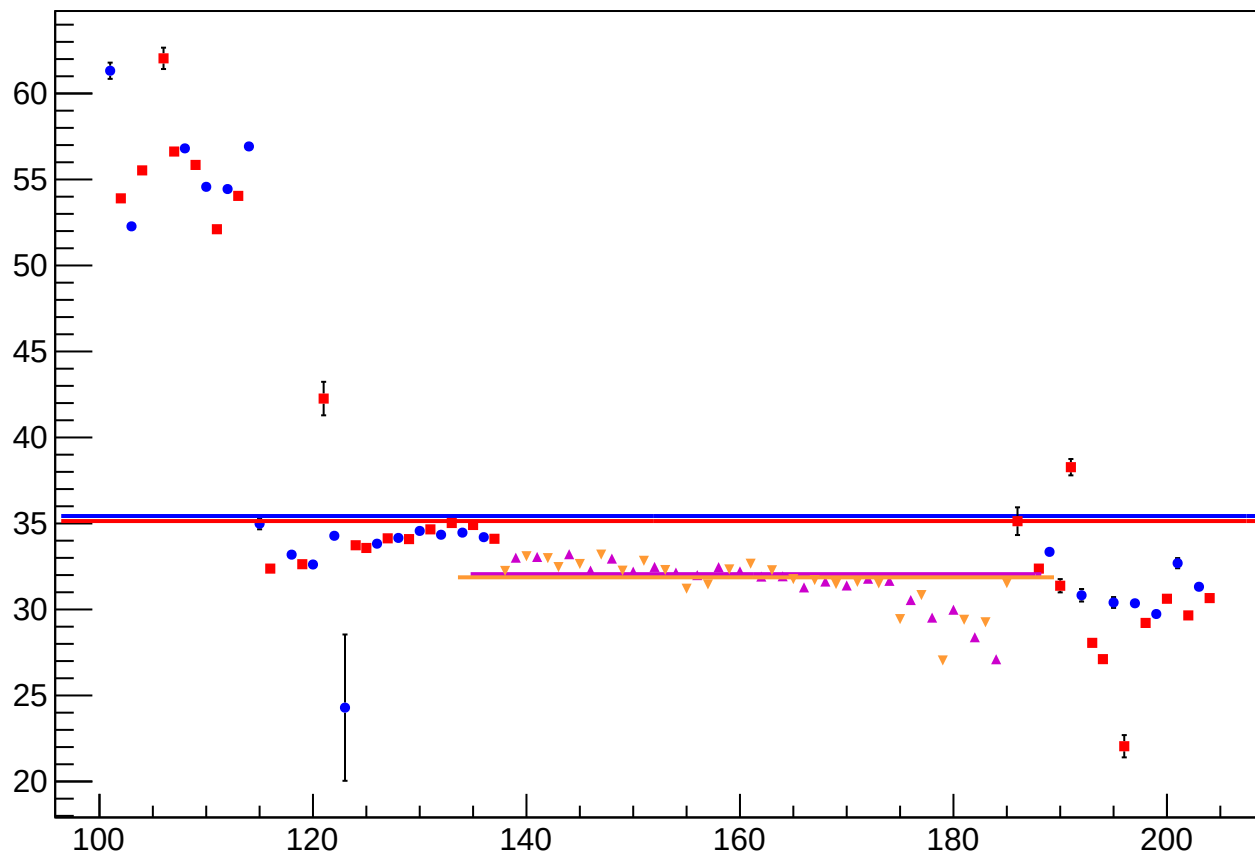
Left In: 0.340 $\pm$ 0.001 χ^2 /NDF: 4171.9/22

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 77903.3/48

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 173031.7/100

- sign 0.335 $\pm$ 0.000 χ^2 /NDF: 13441.8/51

dit_sam5_4aY_slope vs Slug



Right In: 35.433 $\pm$ 0.011 χ^2 /NDF: 228286.2/23

Left Out: 31.869 $\pm$ 0.003 χ^2 /NDF: 61955.3/24

Right Out: 35.140 $\pm$ 0.010 χ^2 /NDF: 283858.7/28

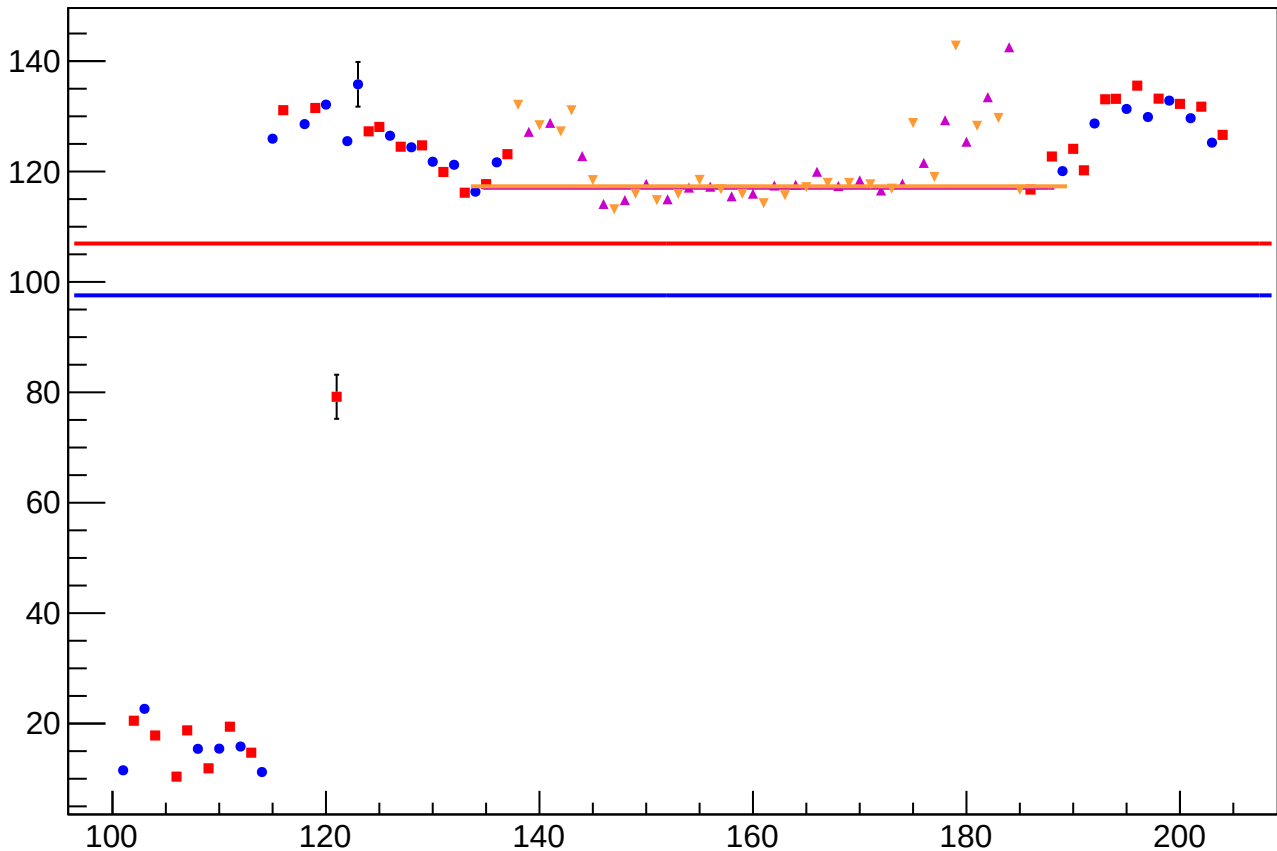
Left In: 32.053 $\pm$ 0.003 χ^2 /NDF: 32470.5/22

+ sign 32.129 $\pm$ 0.003 χ^2 /NDF: 385730.2/48

All: 32.233 $\pm$ 0.002 χ^2 /NDF: 784302.6/100

- sign 32.354 $\pm$ 0.003 χ^2 /NDF: 395969.9/51

dit_sam5_4eY_slope vs Slug



Right In: 97.566 $\pm$ 0.028 χ^2 /NDF: 2879677.8/23

Left Out: 117.323 $\pm$ 0.008 χ^2 /NDF: 172684.3/24

Right Out: 106.956 $\pm$ 0.024 χ^2 /NDF: 3513131.3/28

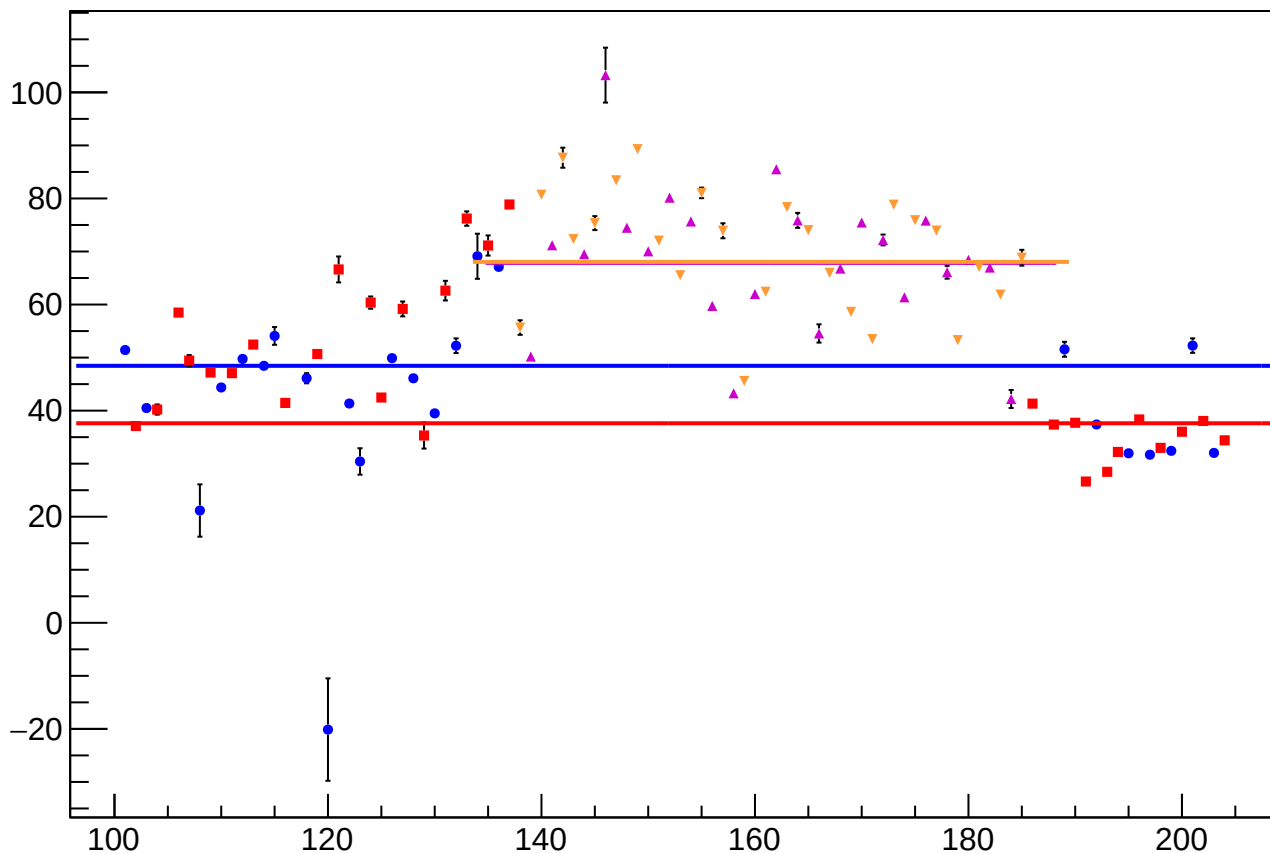
Left In: 117.061 $\pm$ 0.009 χ^2 /NDF: 62905.3/22

+ sign 115.845 $\pm$ 0.008 χ^2 /NDF: 3527015.9/48

All: 115.836 $\pm$ 0.006 χ^2 /NDF: 7264023.5/100

- sign 115.825 $\pm$ 0.008 χ^2 /NDF: 3737004.2/51

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF : 16738.0/23

Left Out: 68.044+/-0.132 χ^2/NDF : 6670.6/24

Right Out: 37.619+/-0.073 χ^2/NDF : 14057.1/28

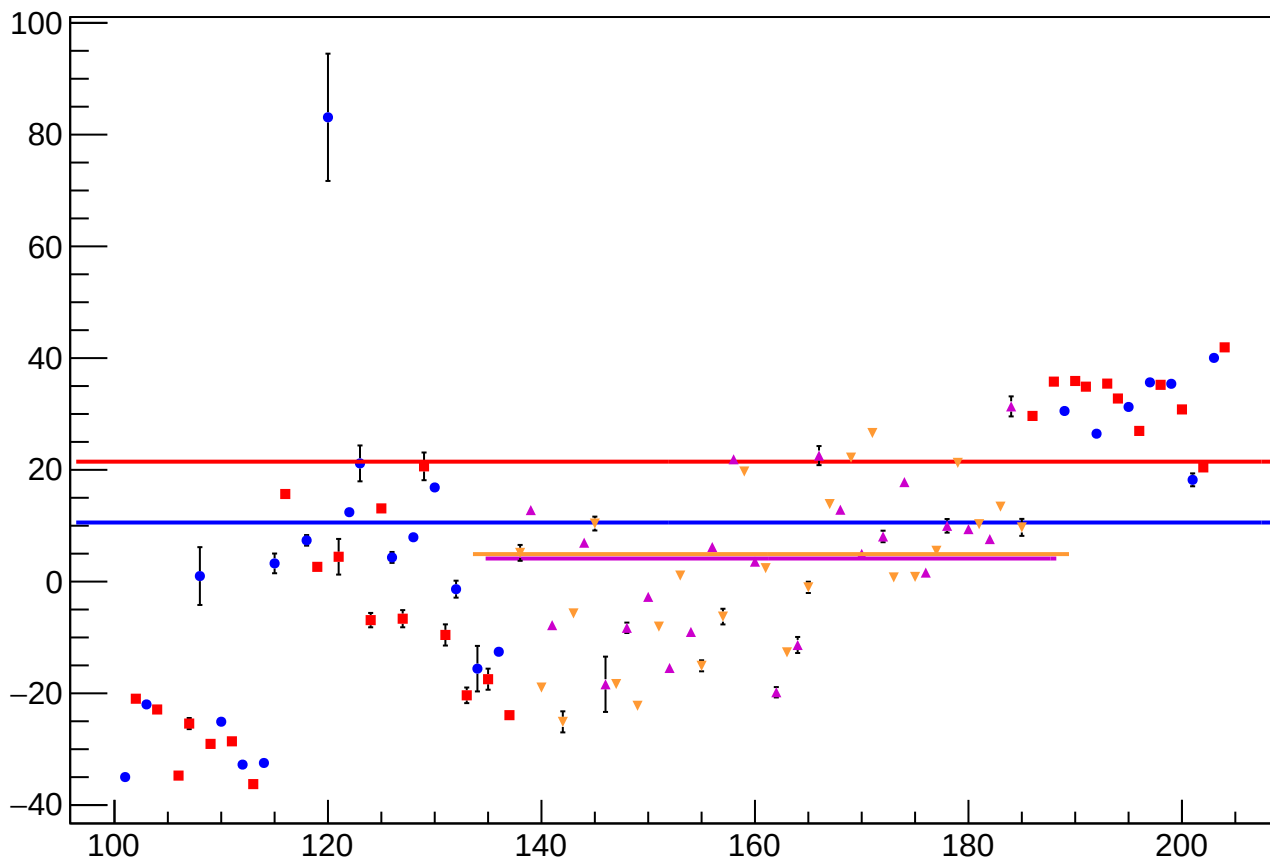
Left In: 67.852+/-0.126 χ^2/NDF : 5519.9/22

+ sign 48.450+/-0.000 χ^2/NDF : 45359.9/48

All: 48.450+/-0.000 χ^2/NDF : 110521.4/100

- sign 45.326+/-0.063 χ^2/NDF : 62735.3/51

dit_sam6_4eX_slope vs Slug



Right In: 10.574 ± 0.099 χ^2/NDF : 83178.1/23

Left Out: 4.920 ± 0.132 χ^2/NDF : 10378.5/24

Right Out: 21.465 ± 0.067 χ^2/NDF : 107875.9/28

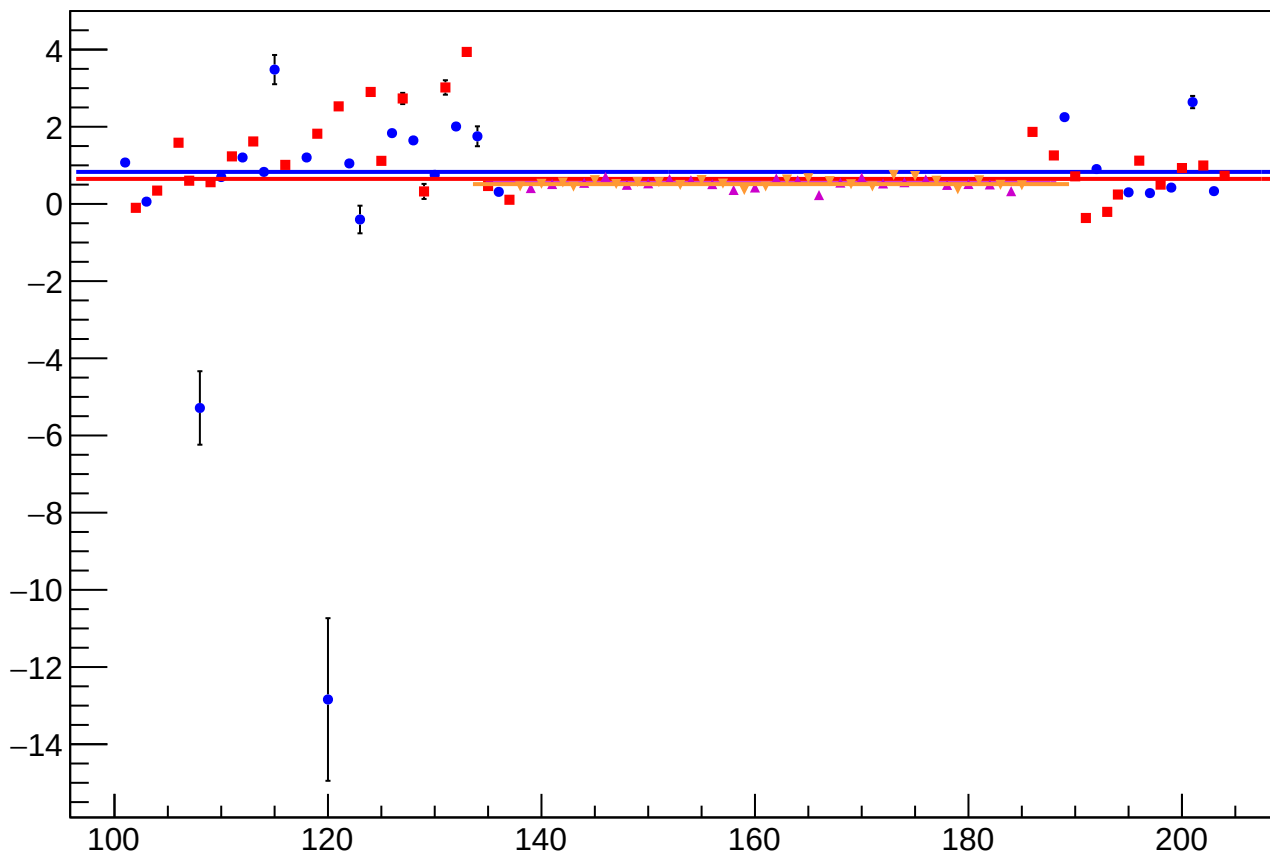
Left In: 4.129 ± 0.127 χ^2/NDF : 6161.4/22

+ sign 8.543 ± 0.079 χ^2/NDF : 94728.5/48

All: 14.379 ± 0.048 χ^2/NDF : 231811.0/100

- sign 17.663 ± 0.059 χ^2/NDF : 128604.3/51

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 16330.2/23

Left Out: 0.513 ± 0.001 χ^2/NDF : 15206.1/24

Right Out: 0.649 ± 0.005 χ^2/NDF : 9556.7/28

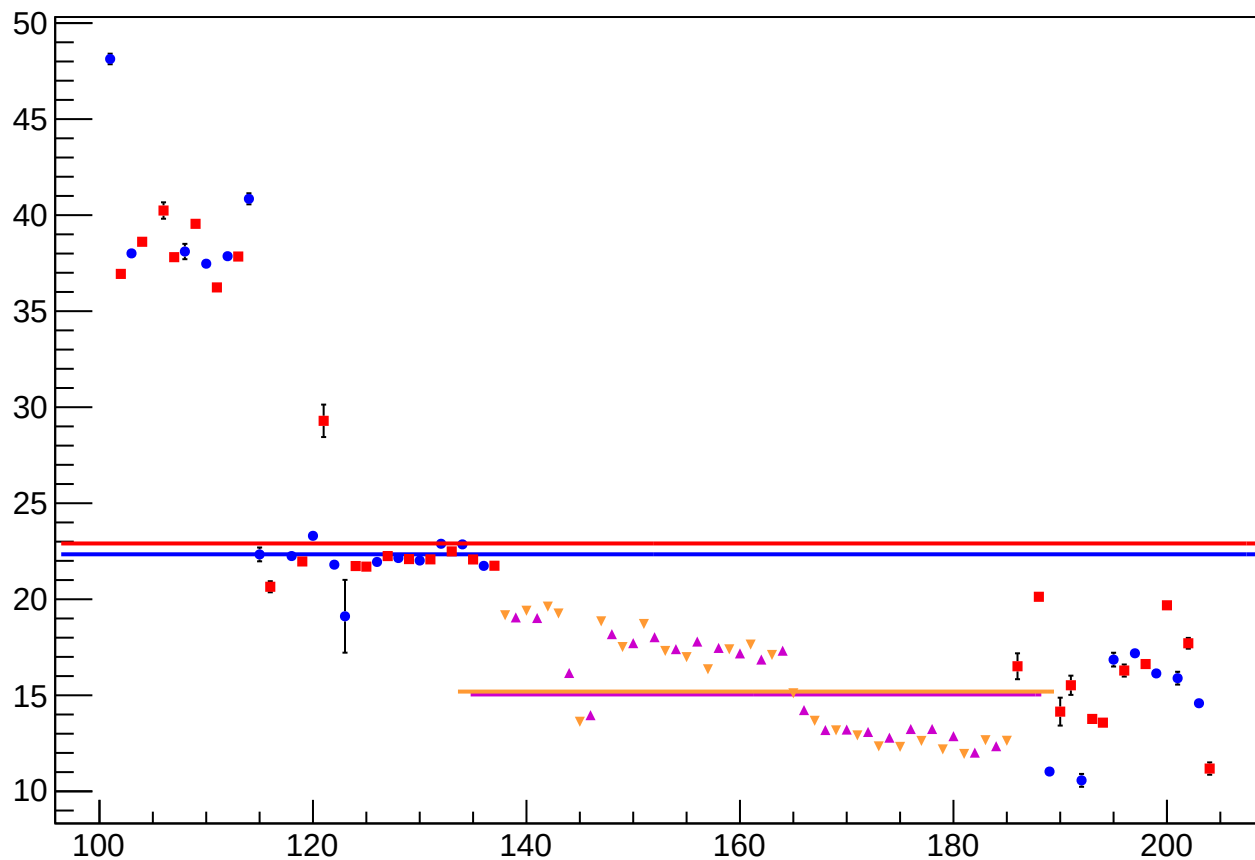
Left In: 0.536 ± 0.001 χ^2/NDF : 11764.8/22

+ sign 0.830 ± 0.000 χ^2/NDF : 139742.1/48

All: 0.830 ± 0.000 χ^2/NDF : 277444.3/100

- sign 0.539 ± 0.001 χ^2/NDF : 21750.9/51

dit_sam6_4aY_slope vs Slug



Right In: 22.341 $\pm$ 0.009 χ^2 /NDF: 130023.5/23

Left Out: 15.194 $\pm$ 0.004 χ^2 /NDF: 417095.1/24

Right Out: 22.905 $\pm$ 0.009 χ^2 /NDF: 173355.9/28

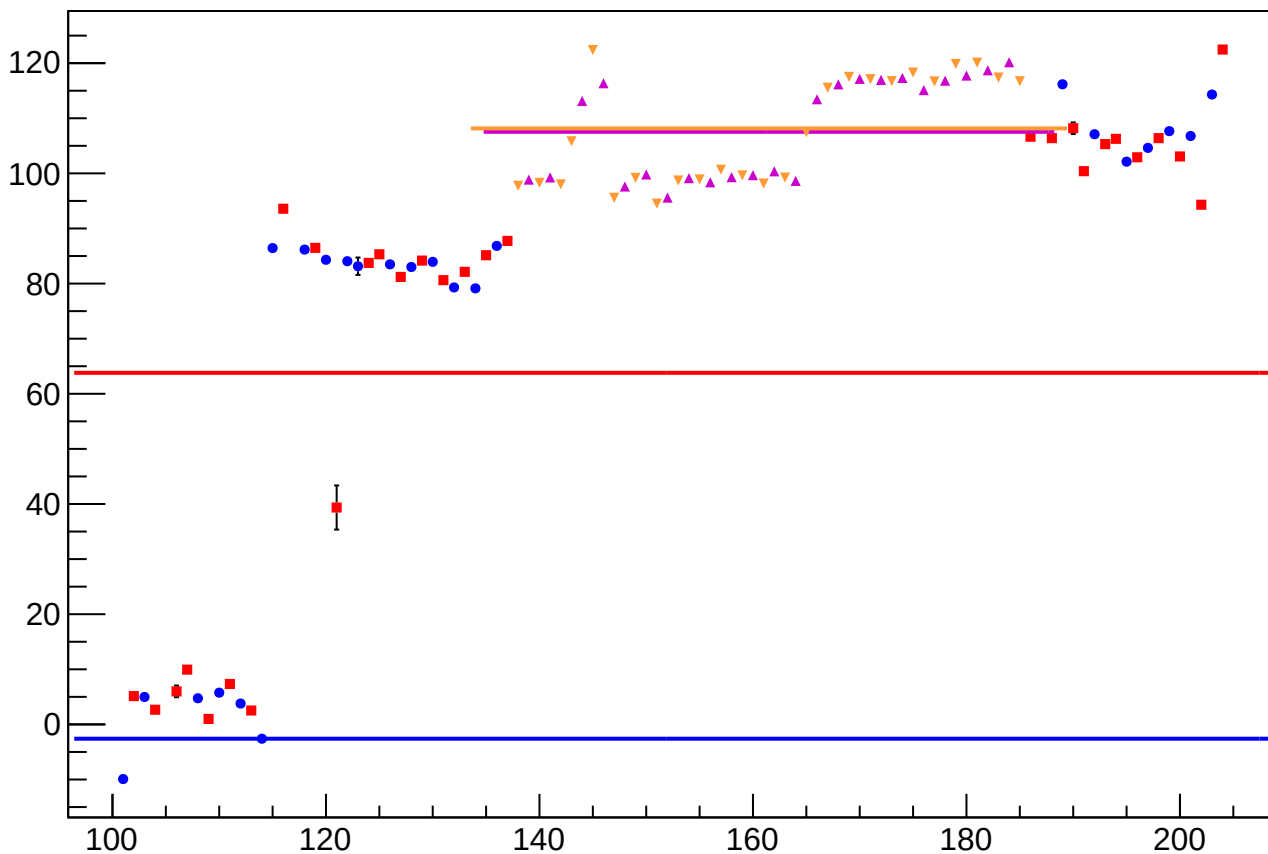
Left In: 15.044 $\pm$ 0.005 χ^2 /NDF: 285851.6/22

+ sign 16.456 $\pm$ 0.004 χ^2 /NDF: 1042380.2/48

All: 16.565 $\pm$ 0.003 χ^2 /NDF: 2109021.9/100

- sign 16.688 $\pm$ 0.004 χ^2 /NDF: 1064949.6/51

dit_sam6_4eY_slope vs Slug



Right In: -2.596 ± 0.000 χ^2/NDF : 8633493.3/23

Left Out: 108.162 ± 0.009 χ^2/NDF : 1076822.4/24

Right Out: 63.808 ± 0.030 χ^2/NDF : 1767647.0/28

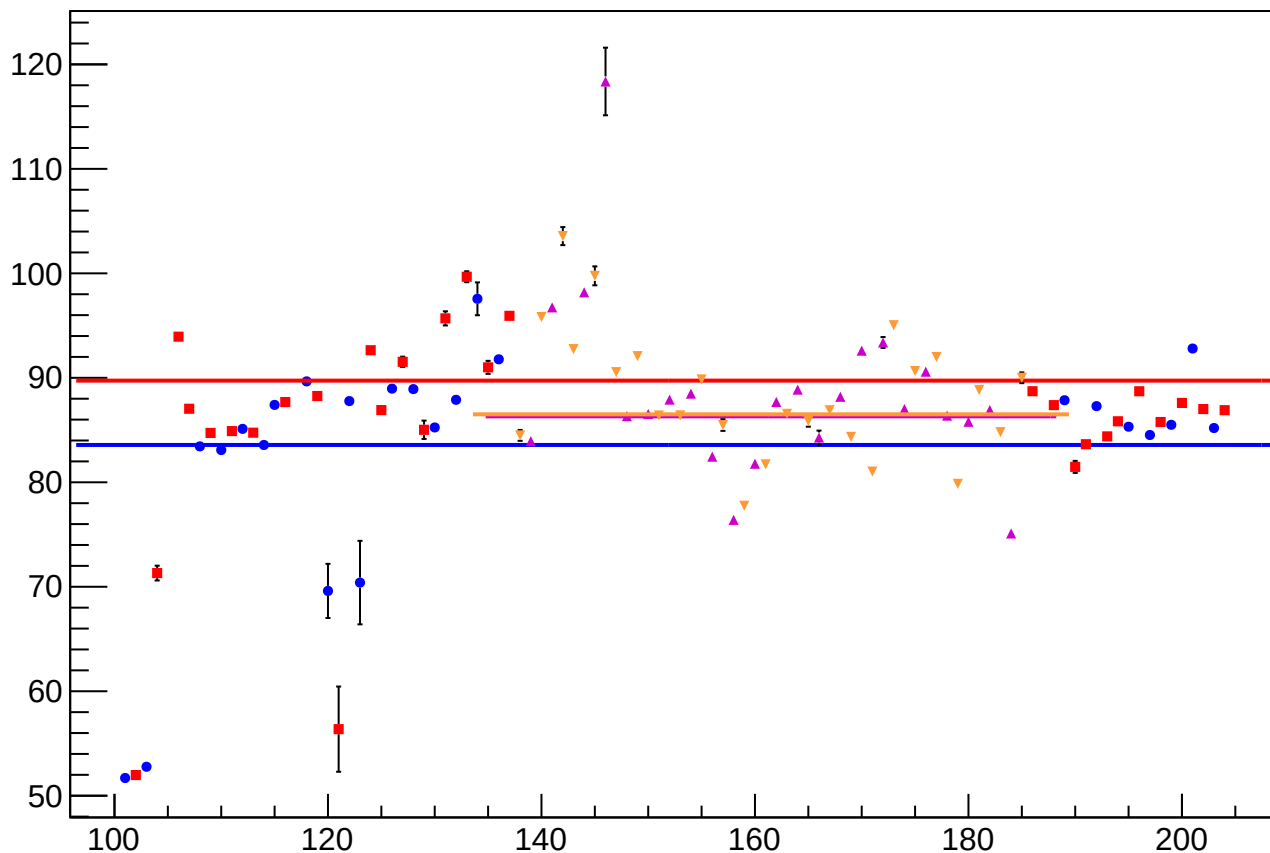
Left In: 107.543 ± 0.009 χ^2/NDF : 988940.0/22

+ sign -2.596 ± 0.000 χ^2/NDF : 151421475.7/48

All: -2.596 ± 0.000 χ^2/NDF : 298670351.4/10

- sign 103.673 ± 0.009 χ^2/NDF : 4704077.2/51

dit_sam7_4aX_slope vs Slug



Right In: 83.573 ± 0.000 $\chi^2/\text{NDF}: 51323.8/23$

Left Out: 86.505 ± 0.060 $\chi^2/\text{NDF}: 8553.0/24$

Right Out: 89.732 ± 0.020 $\chi^2/\text{NDF}: 78670.4/28$

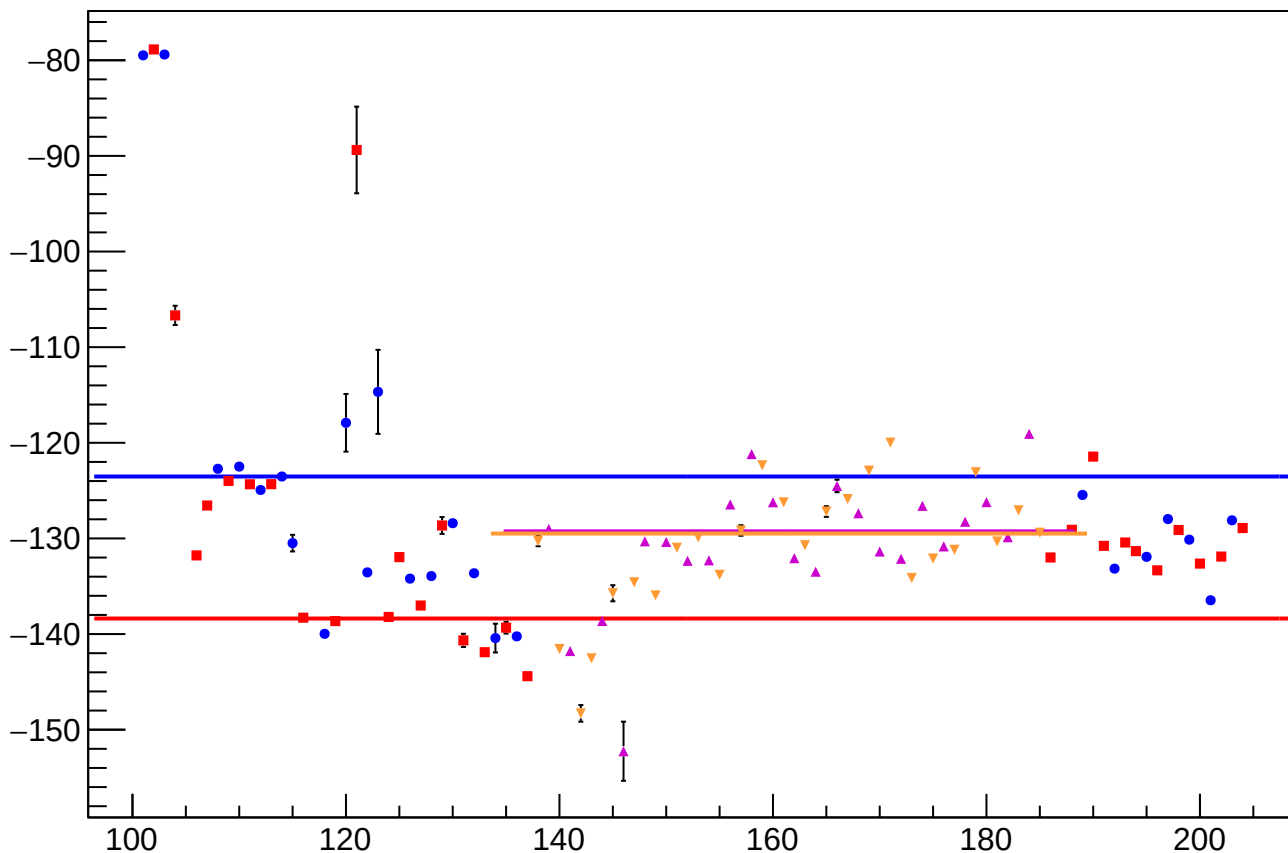
Left In: 86.310 ± 0.051 $\chi^2/\text{NDF}: 8666.5/22$

+ sign 83.573 ± 0.000 $\chi^2/\text{NDF}: 62271.0/48$

All: 83.573 ± 0.000 $\chi^2/\text{NDF}: 248784.6/100$

- sign 89.289 ± 0.019 $\chi^2/\text{NDF}: 91191.3/51$

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF : 182057.2/23

Left Out: -129.492+/-0.059 χ^2/NDF : 10775.3/24

Right Out: -138.376+/-0.016 χ^2/NDF : 307059.0/28

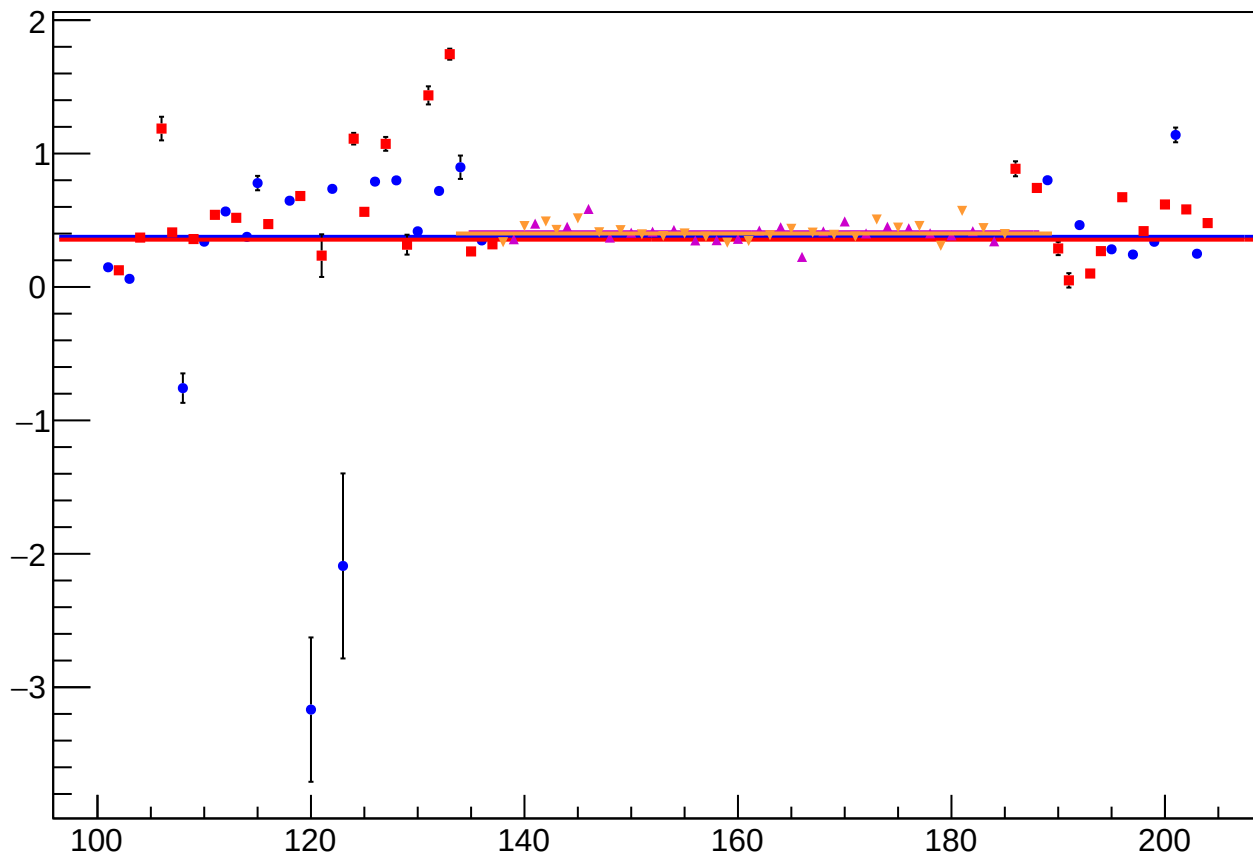
Left In: -129.256+/-0.052 χ^2/NDF : 6558.2/22

+ sign -123.524+/-0.000 χ^2/NDF : 202992.2/48

All: -123.524+/-0.000 χ^2/NDF : 1390242.3/10

- sign -137.574+/-0.015 χ^2/NDF : 342164.5/51

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 4566.4/23

Left Out: 0.401 $\pm$ 0.000 χ^2 /NDF: 9030.9/24

Right Out: 0.355 $\pm$ 0.001 χ^2 /NDF: 7135.6/28

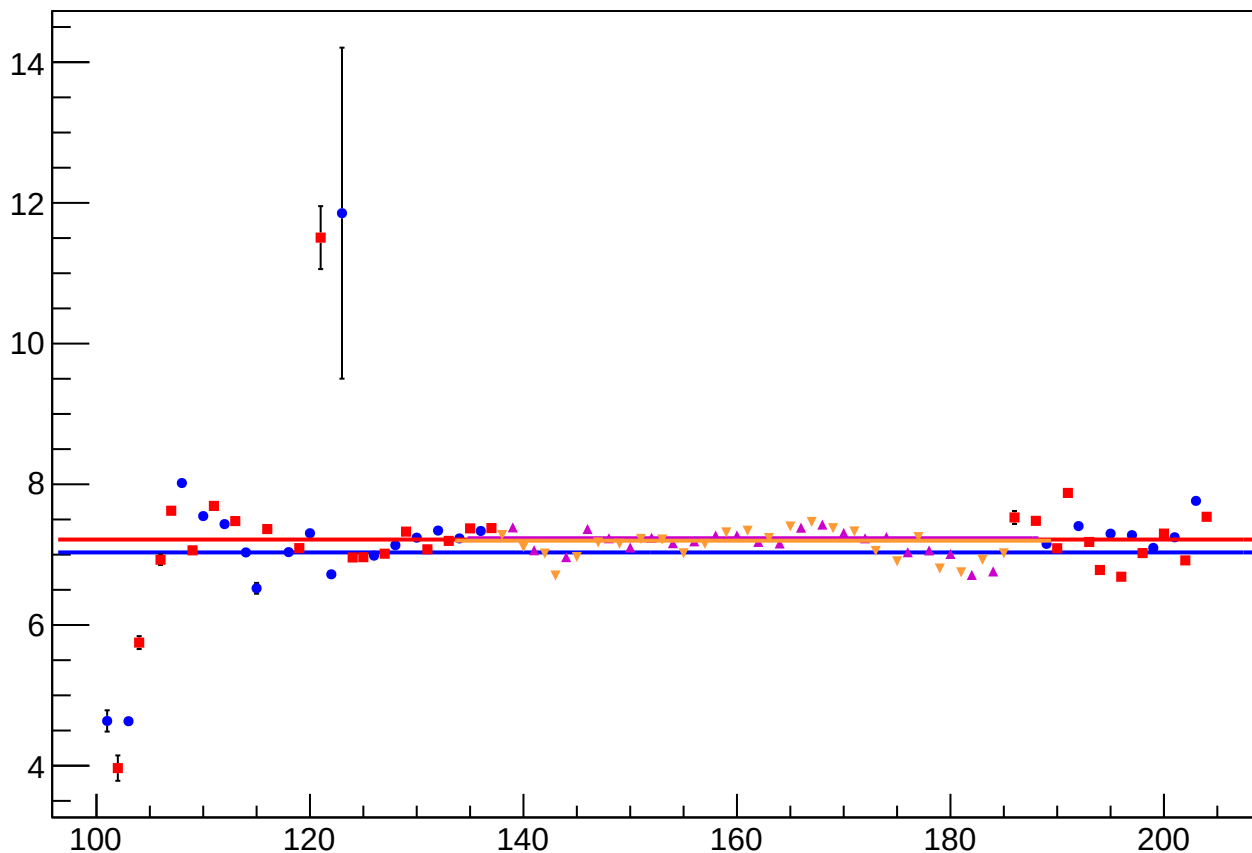
Left In: 0.410 $\pm$ 0.000 χ^2 /NDF: 8478.2/22

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 16106.8/48

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 37831.0/100

- sign 0.405 $\pm$ 0.000 χ^2 /NDF: 16992.2/51

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 21941.5/23

Left Out: 7.199 ± 0.001 χ^2/NDF : 37453.7/24

Right Out: 7.215 ± 0.002 χ^2/NDF : 11233.3/28

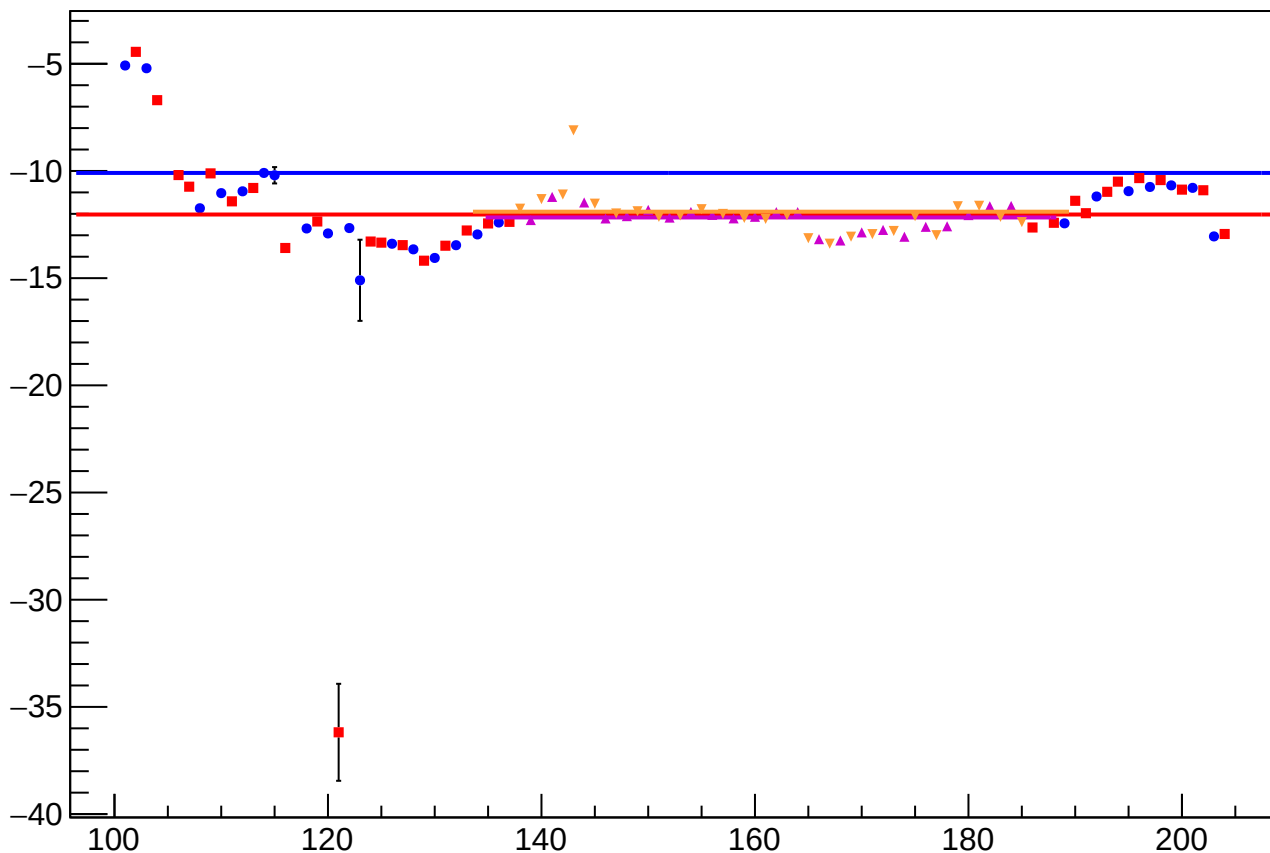
Left In: 7.233 ± 0.001 χ^2/NDF : 23085.0/22

+ sign 7.032 ± 0.000 χ^2/NDF : 93746.3/48

All: 7.032 ± 0.000 χ^2/NDF : 193728.3/100

- sign 7.231 ± 0.001 χ^2/NDF : 34378.9/51

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 566146.4/23

Left Out: -11.899 ± 0.002 χ^2/NDF : 498866.6/24

Right Out: -12.031 ± 0.003 χ^2/NDF : 168645.4/28

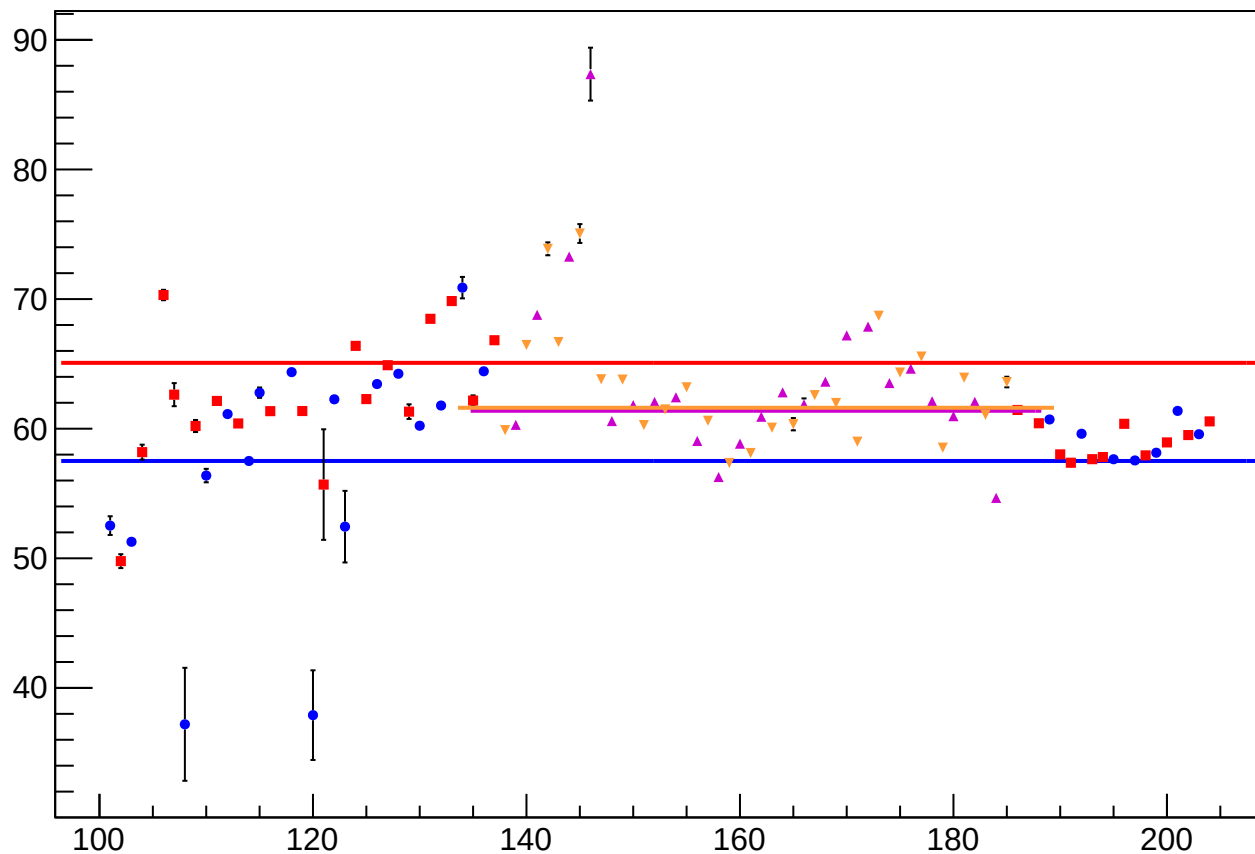
Left In: -12.169 ± 0.002 χ^2/NDF : 49568.3/22

+ sign -10.092 ± 0.000 χ^2/NDF : 2208110.0/48

All: -10.092 ± 0.000 χ^2/NDF : 4299275.3/100

- sign -12.137 ± 0.001 χ^2/NDF : 219725.8/51

dit_sam8_4aX_slope vs Slug



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 10434.0/23

Left Out: 61.615 $\pm$ 0.039 χ^2 /NDF: 7756.9/24

Right Out: 65.080 $\pm$ 0.012 χ^2 /NDF: 81818.9/28

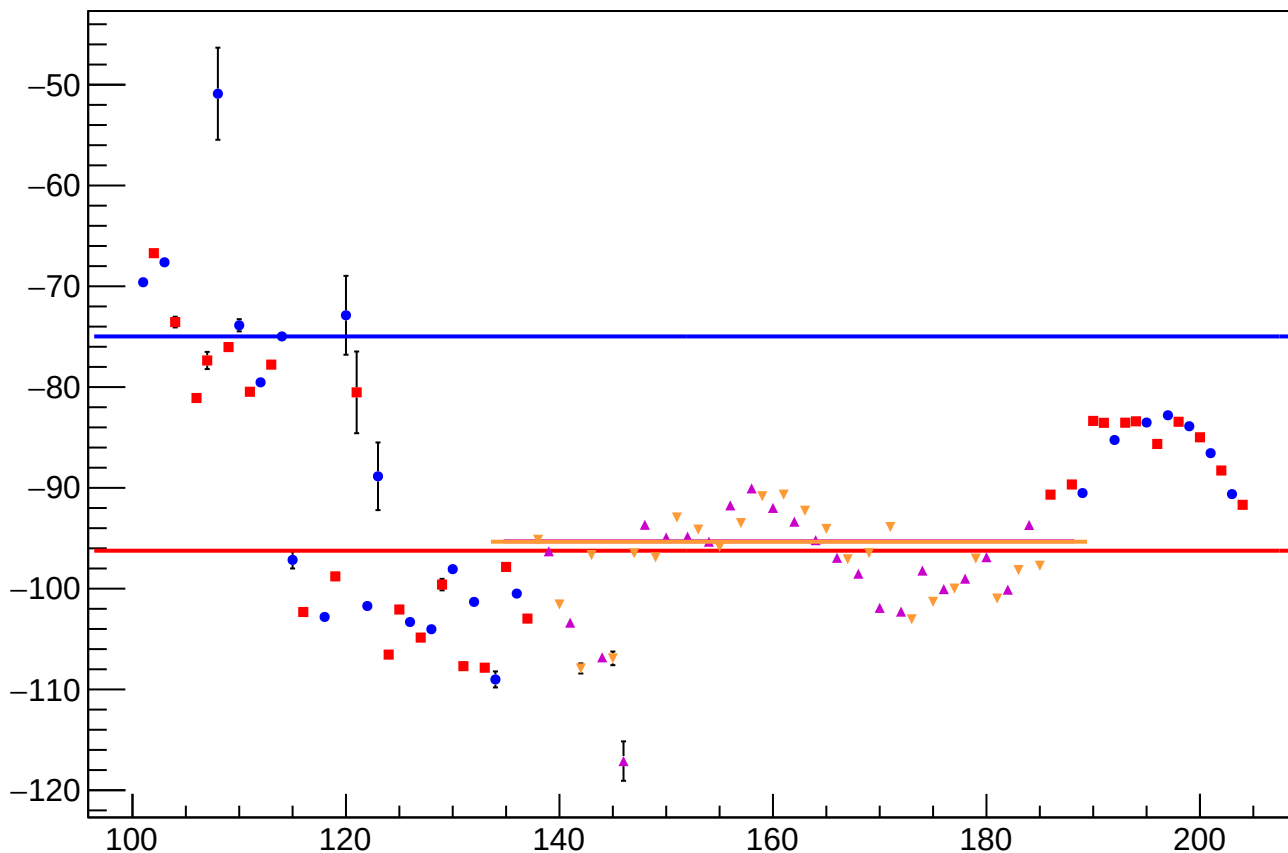
Left In: 61.383 $\pm$ 0.033 χ^2 /NDF: 8900.0/22

+ sign 57.510 $\pm$ 0.000 χ^2 /NDF: 29331.8/48

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 551829.9/100

- sign 64.656 $\pm$ 0.011 χ^2 /NDF: 102136.1/51

dit_sam8_4eX_slope vs Slug



Right In: -74.974 $\pm$ 0.000 χ^2 /NDF: 239194.1/23

Left Out: -95.342 $\pm$ 0.039 χ^2 /NDF: 9387.4/24

Right Out: -96.236 $\pm$ 0.014 χ^2 /NDF: 393145.3/28

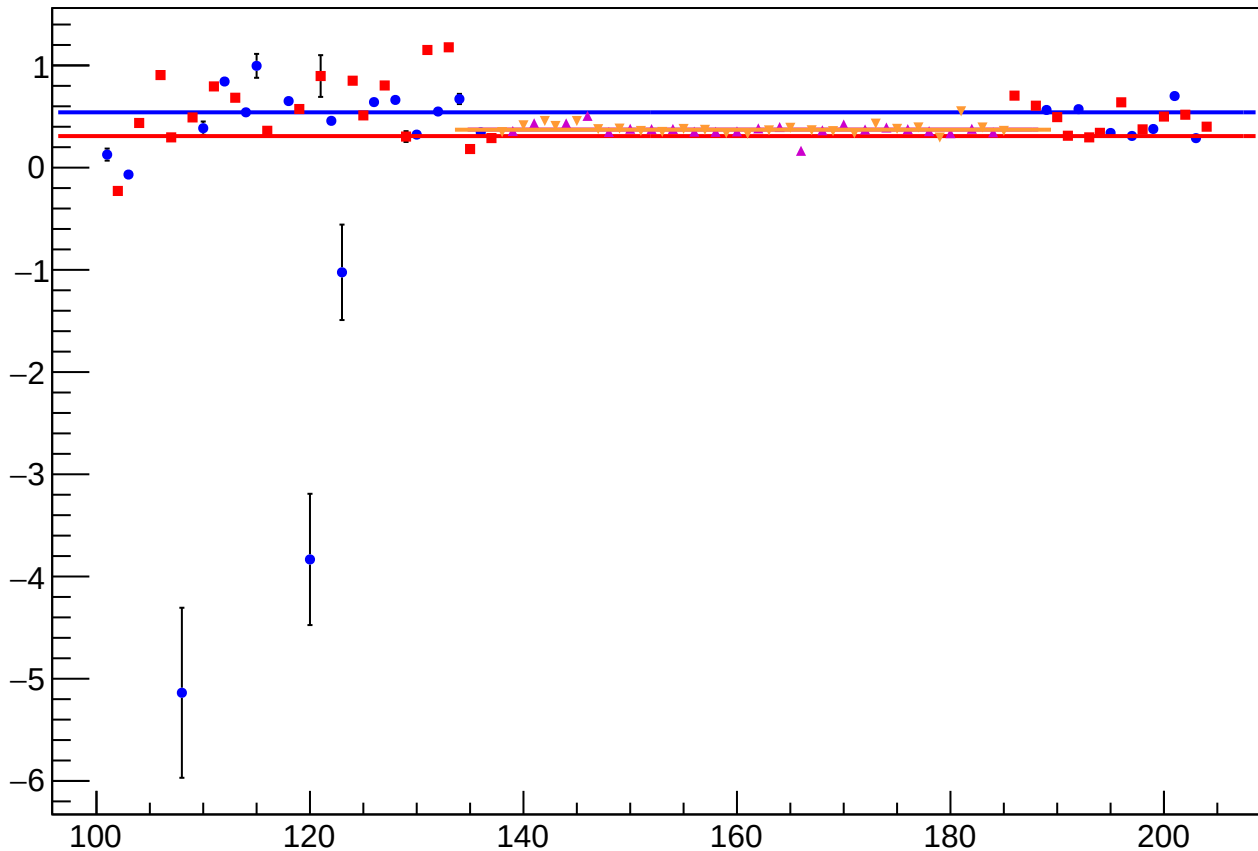
Left In: -95.301 $\pm$ 0.033 χ^2 /NDF: 11271.5/22

+ sign -74.974 $\pm$ 0.000 χ^2 /NDF: 525542.8/48

All: -74.974 $\pm$ 0.000 χ^2 /NDF: 3541131.5/100

- sign -96.091 $\pm$ 0.013 χ^2 /NDF: 405086.0/51

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF : 31476.8/23

Left Out: 0.371+/-0.000 χ^2/NDF : 6797.7/24

Right Out: 0.309+/-0.001 χ^2/NDF : 12643.3/28

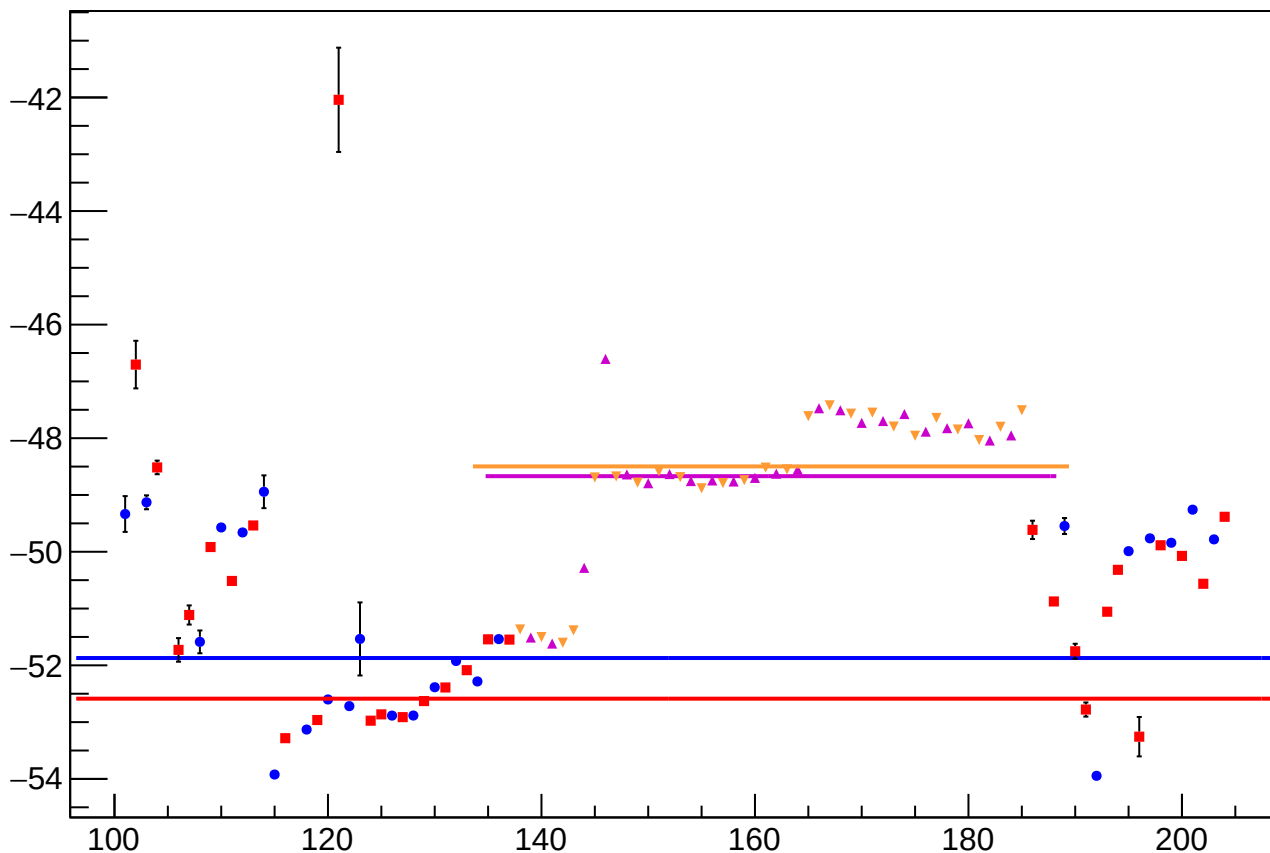
Left In: 0.372+/-0.000 χ^2/NDF : 6020.6/22

+ sign 0.541+/-0.000 χ^2/NDF : 249588.0/48

All: 0.541+/-0.000 χ^2/NDF : 654491.5/100

- sign 0.364+/-0.000 χ^2/NDF : 24338.6/51

dit_sam8_4aY_slope vs Slug



Right In: -51.871 ± 0.002 χ^2/NDF : 85885.0/23

Left Out: -48.497 ± 0.001 χ^2/NDF : 699790.4/24

Right Out: -52.587 ± 0.003 χ^2/NDF : 93671.4/28

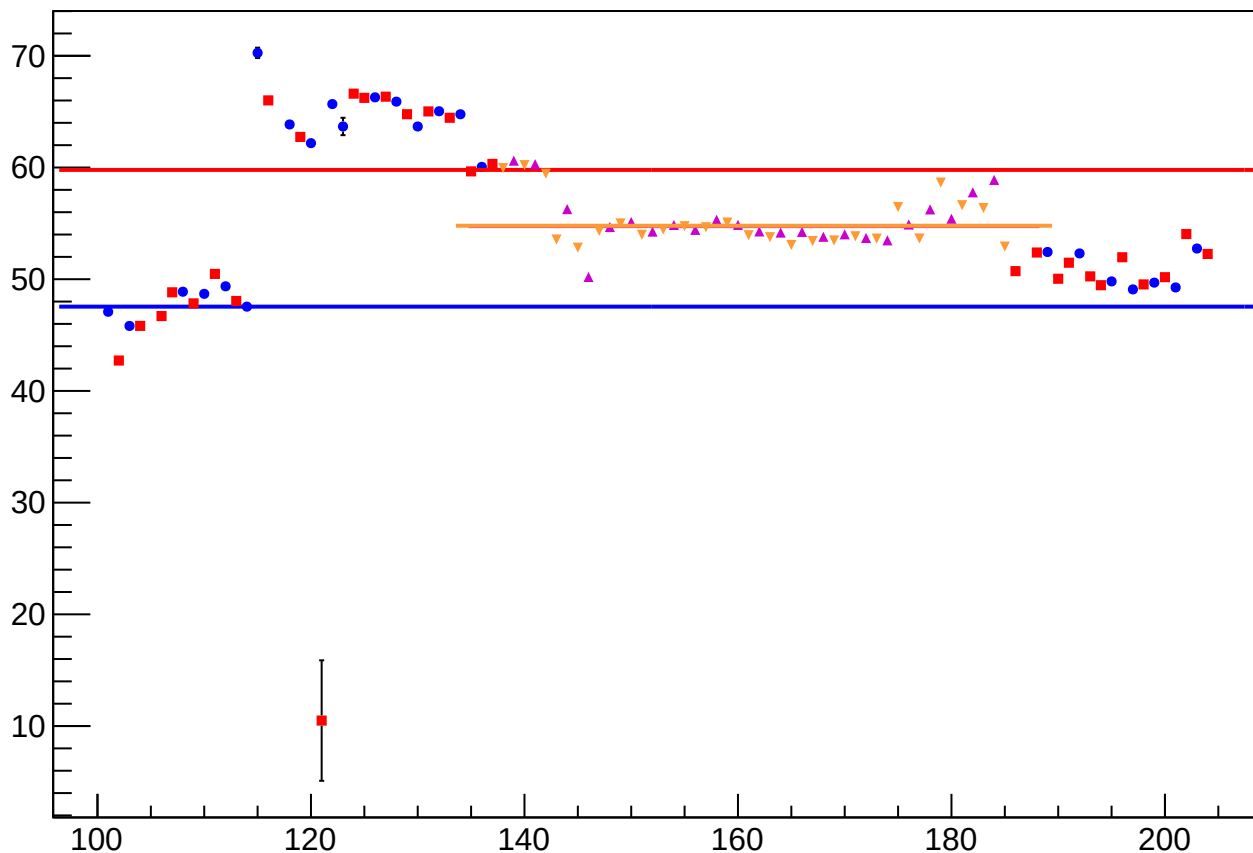
Left In: -48.669 ± 0.001 χ^2/NDF : 809321.2/22

+ sign -49.130 ± 0.001 χ^2/NDF : 2666349.6/48

All: -49.139 ± 0.001 χ^2/NDF : 5710384.1/100

- sign -49.147 ± 0.001 χ^2/NDF : 3043845.8/51

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3618648.0/23

Left Out: 54.787 $\pm$ 0.003 χ^2 /NDF:301226.3/24

Right Out: 59.785 $\pm$ 0.006 χ^2 /NDF: 1103881.8/28

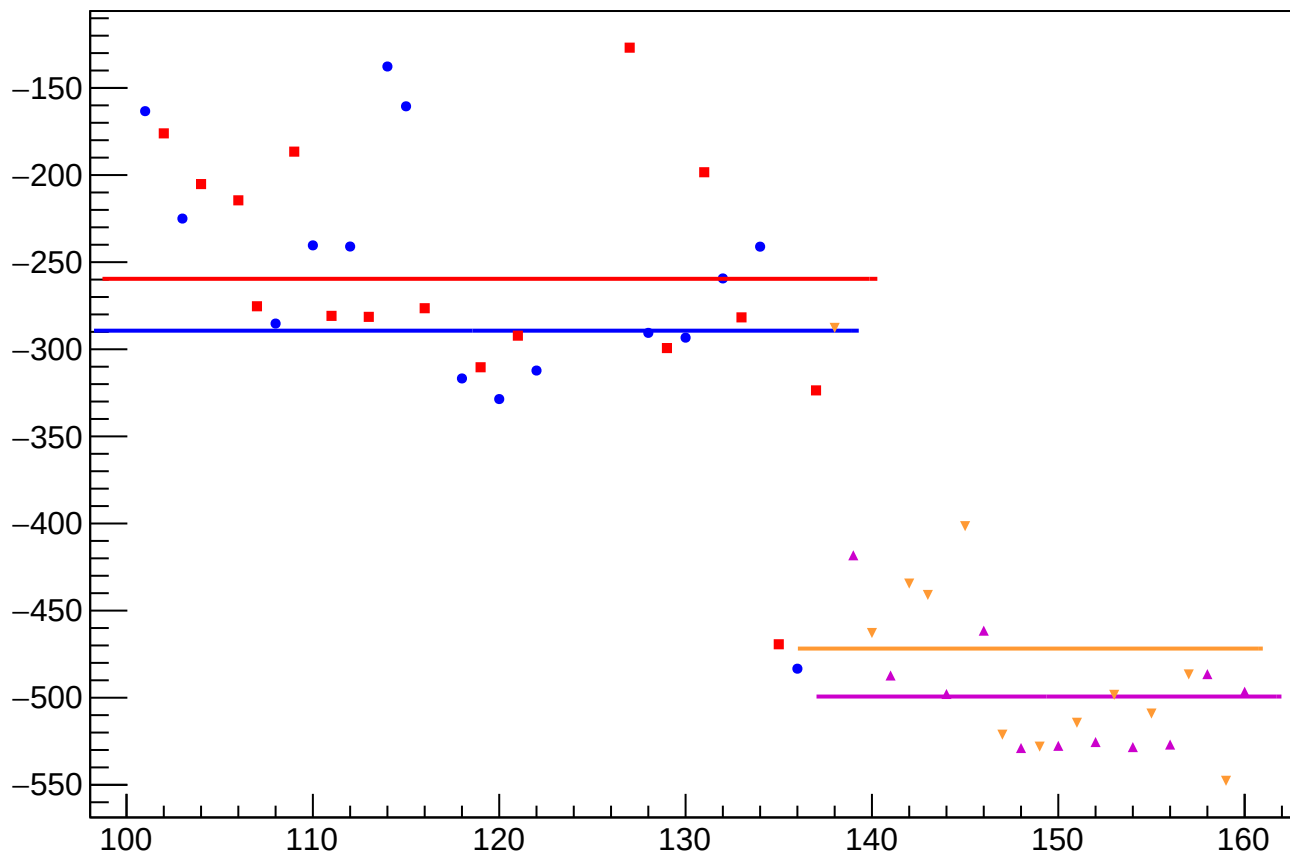
Left In: 54.755 $\pm$ 0.003 χ^2 /NDF:100763.3/22

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9967498.8/48

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 22438082.4/100

- sign 55.463 $\pm$ 0.002 χ^2 /NDF: 1728626.5/51

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -471.791+/-0.000 χ^2/NDF : 4407577357733372304653153526381281280.0/11

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

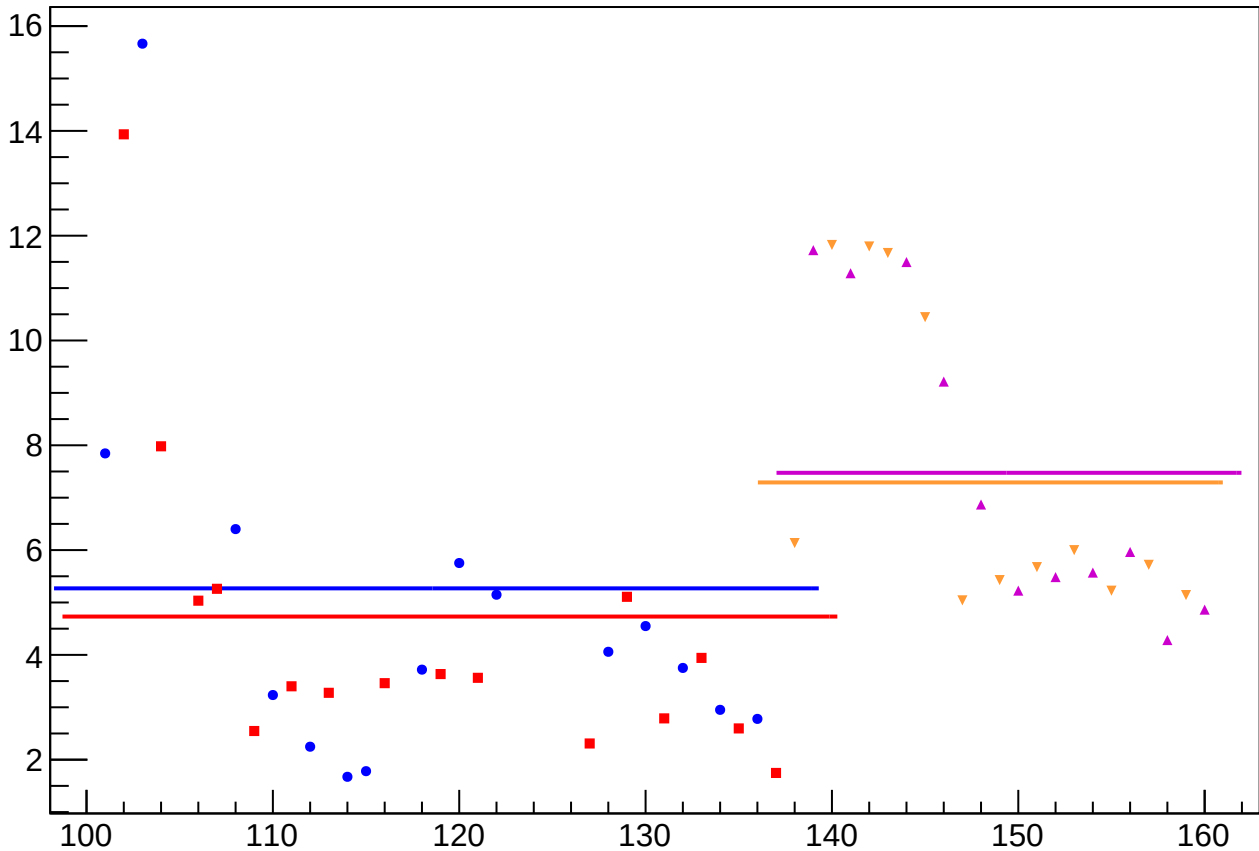
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF : 6718053515172863885836432351166464.0/11

Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

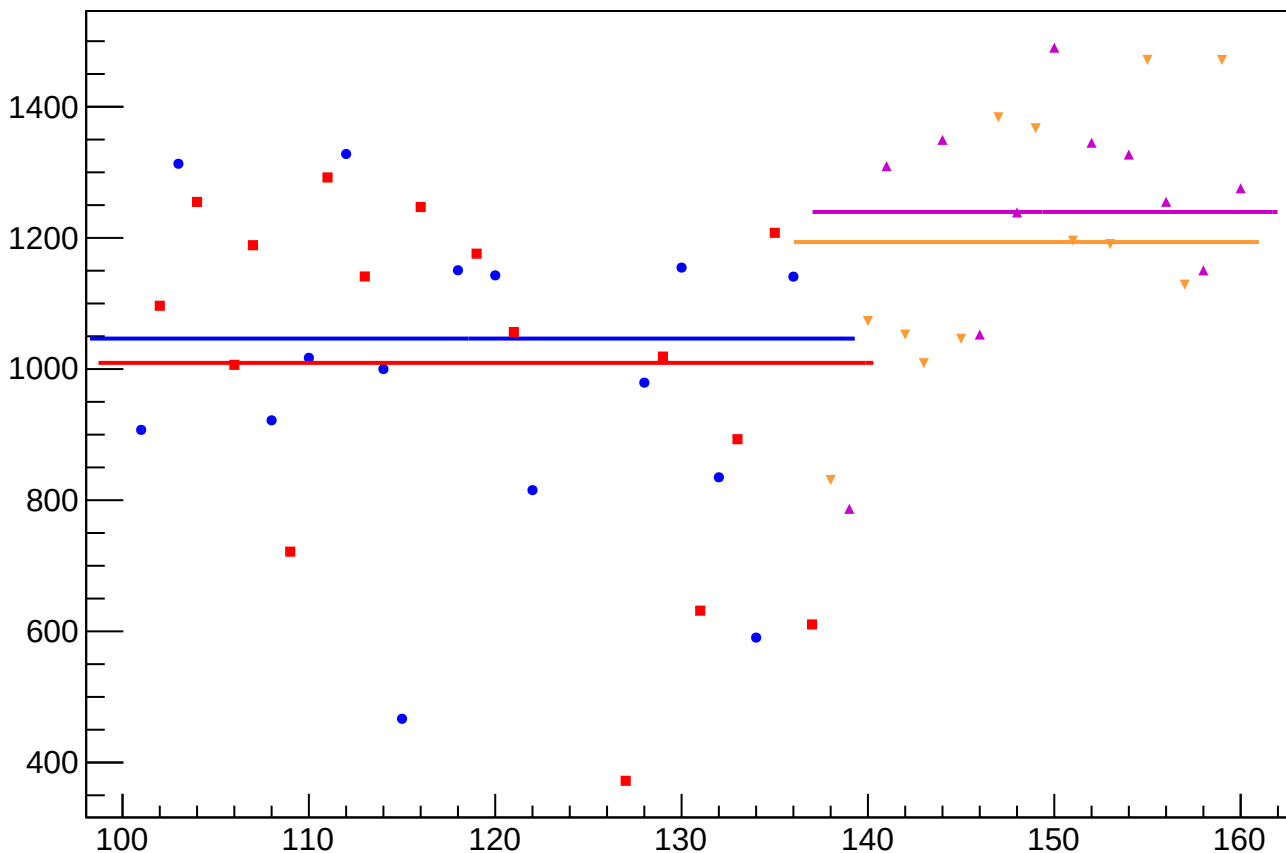
Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ sign 6.452+/-0.000 χ^2/NDF : 16978559973735600

All: 6.388+/-0.000 χ^2/NDF : 33820915421032

- sign 6.325+/-0.000 χ^2/NDF : 16829636305354281

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

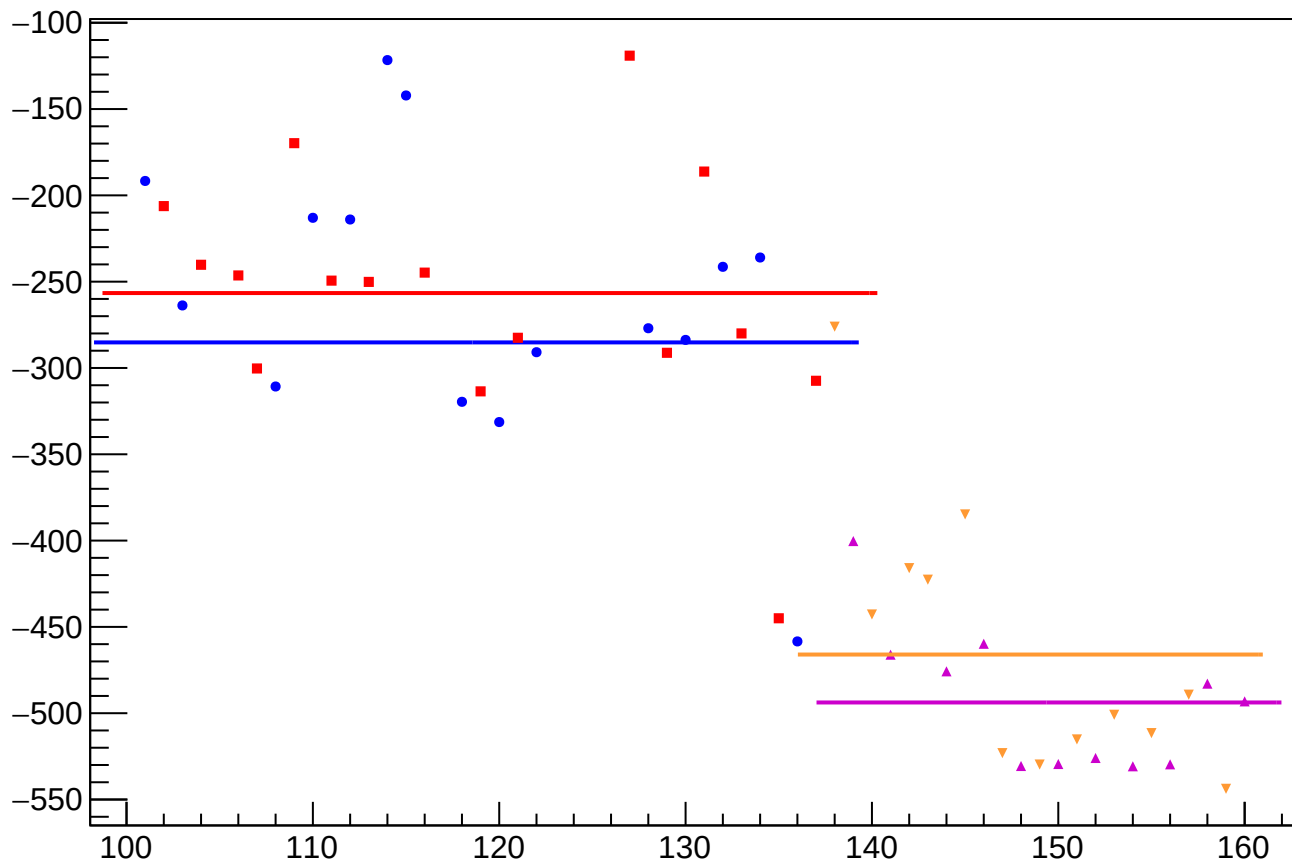
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -466.012+/-0.000 χ^2/NDF : 5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

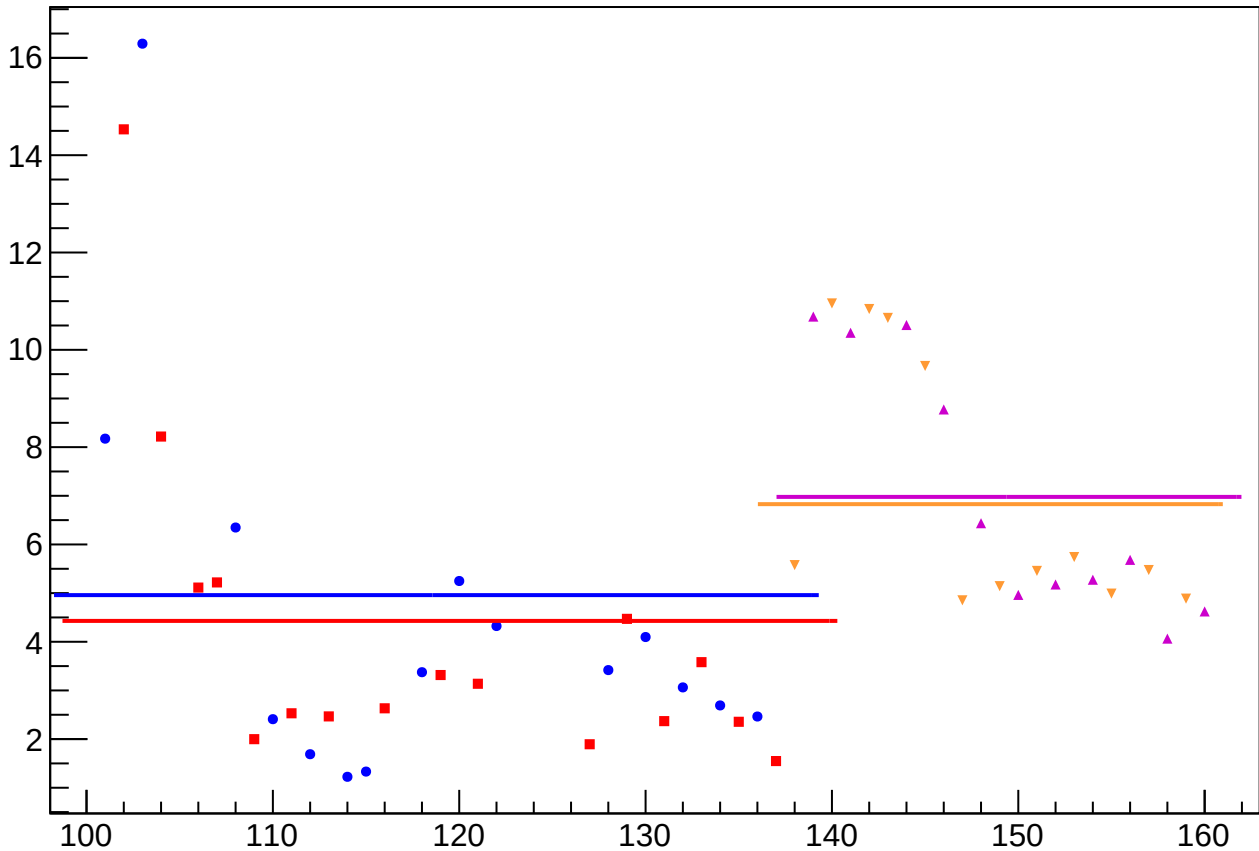
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF : 22079891664929

All: -392.652+/-0.000 χ^2/NDF : 48980613059

- sign -394.346+/-0.000 χ^2/NDF : 268915126522349

dit_4eX_coil1_err_mean vs Slug



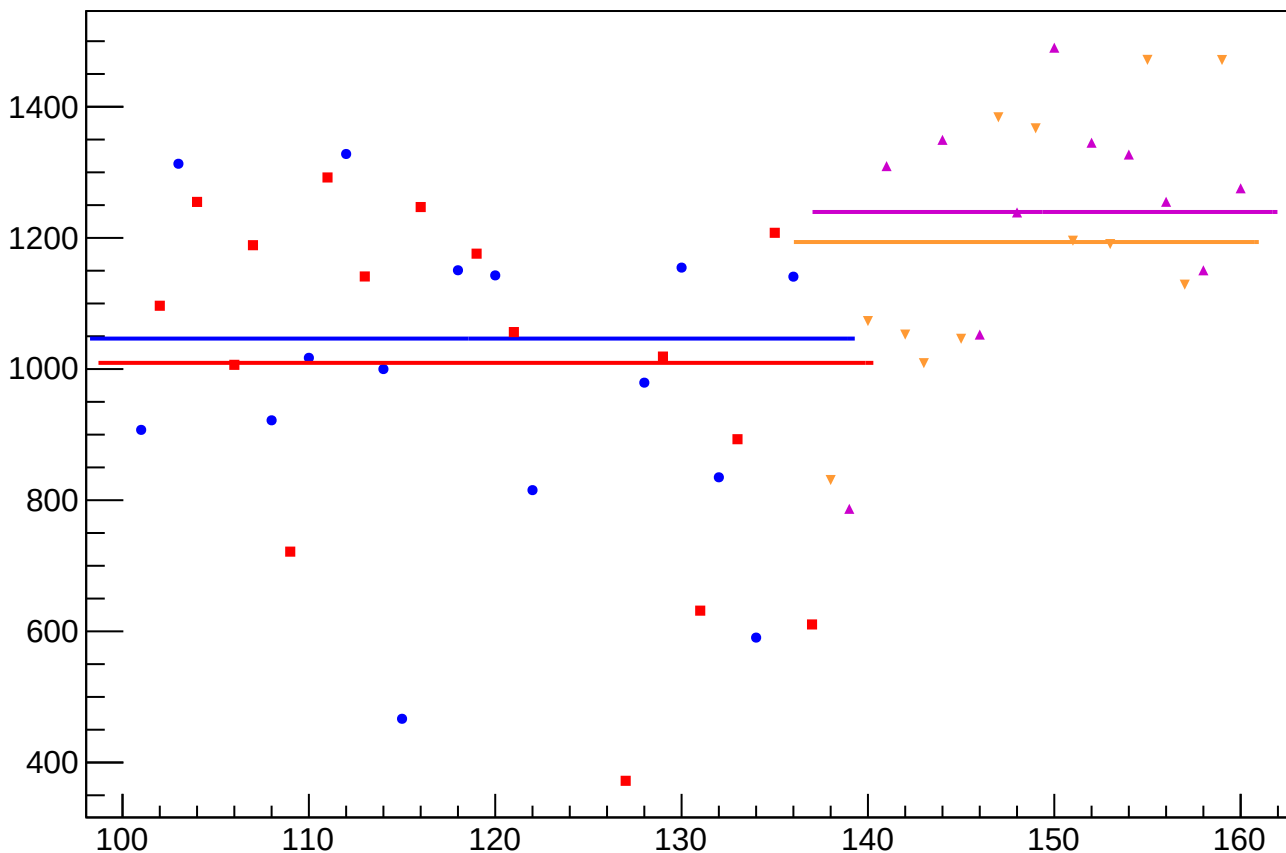
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.828+/-0.000 χ^2/NDF : 5374095498583312473439971131260928.0/11

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF : 5622697014277754941158413236699136.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

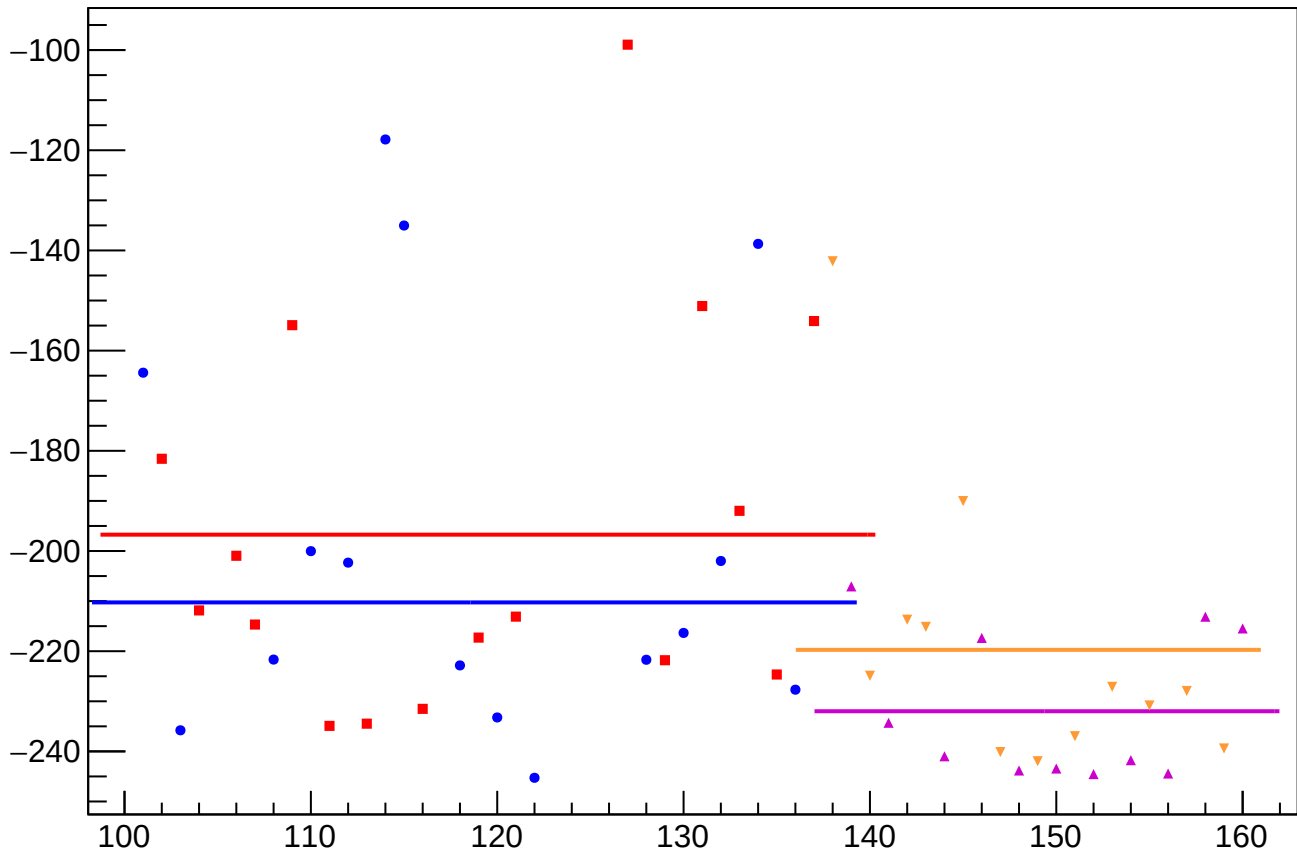
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -219.729+/-0.000 χ^2/NDF : 691090878567021644145539364306288640.0/11

Right Out: -196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

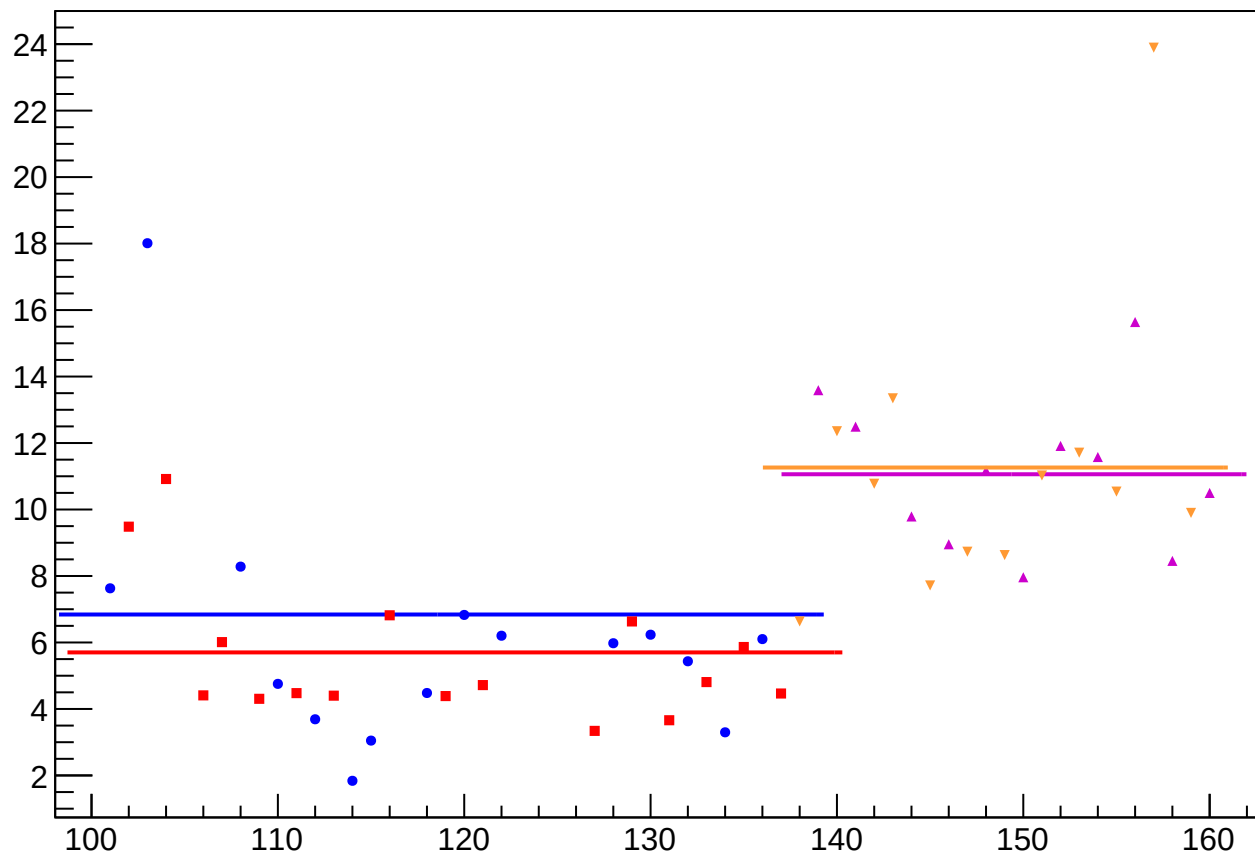
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ sign -215.798+/-0.000 χ^2/NDF : 12928194150556

All: -216.509+/-0.000 χ^2/NDF : 28682587905

- sign -217.208+/-0.000 χ^2/NDF : 157387232918828

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000

χ^2/NDF : 9355934166823324467316647620771840.0/14

Left Out: 11.263+/-0.000

χ^2/NDF : 16950484304495826735526537389408256.0/11

Right Out: 5.701+/-0.000

χ^2/NDF : 3174693398300953393137731791486976.0/15

Left In: 11.061+/-0.000

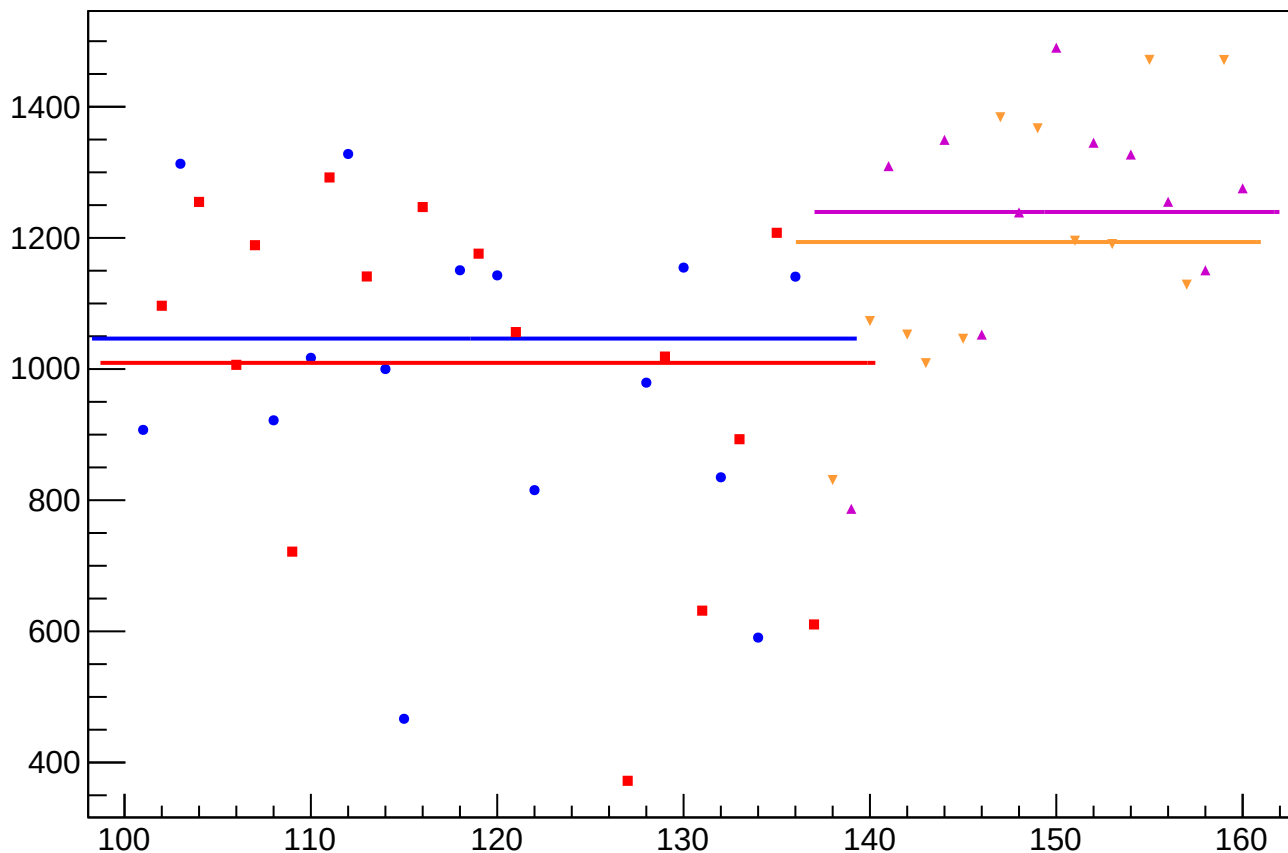
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF : 33726426520626408

All: 9.118+/-0.000 χ^2/NDF : 52742989230721

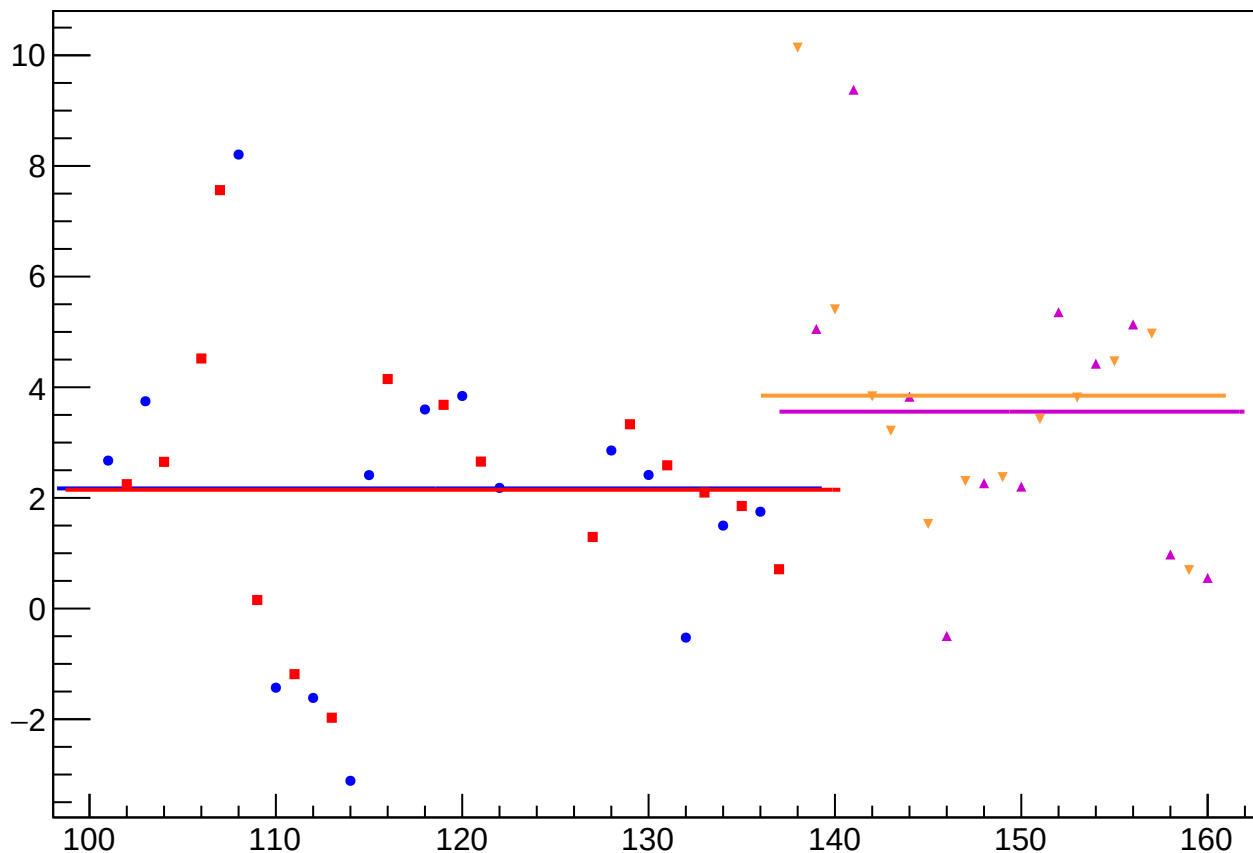
- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490 $\pm$ 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726 $\pm$ 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445 $\pm$ 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553 $\pm$ 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

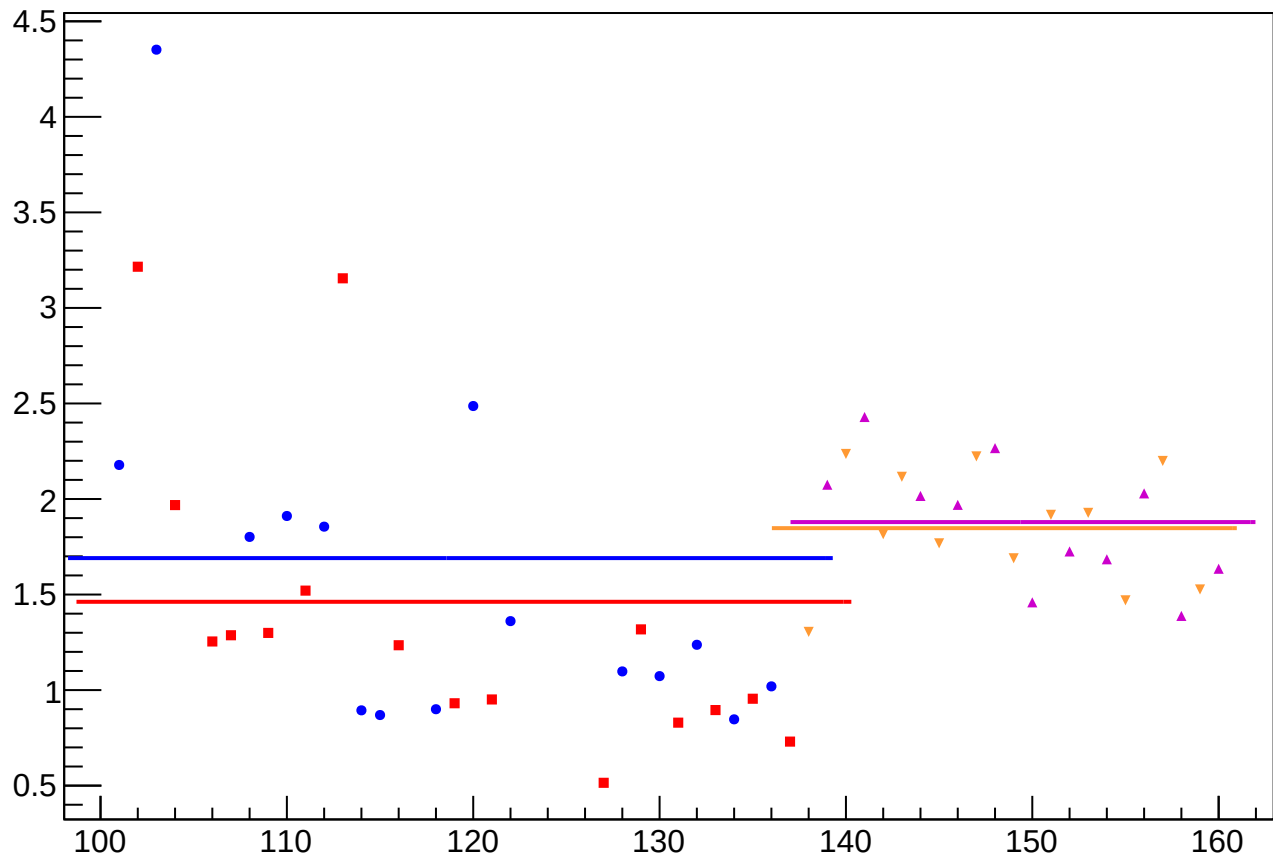
dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000	χ^2/NDF : 3599819246909975678410499691642880.0/14
Left Out: 3.848+/-0.000	χ^2/NDF : 5039599457588936759406360166137856.0/11
Right Out: 2.148+/-0.000	χ^2/NDF : 3093887336239378959606321931878400.0/15
Left In: 3.559+/-0.000	χ^2/NDF : 6492667345109962540652165758713856.0/10

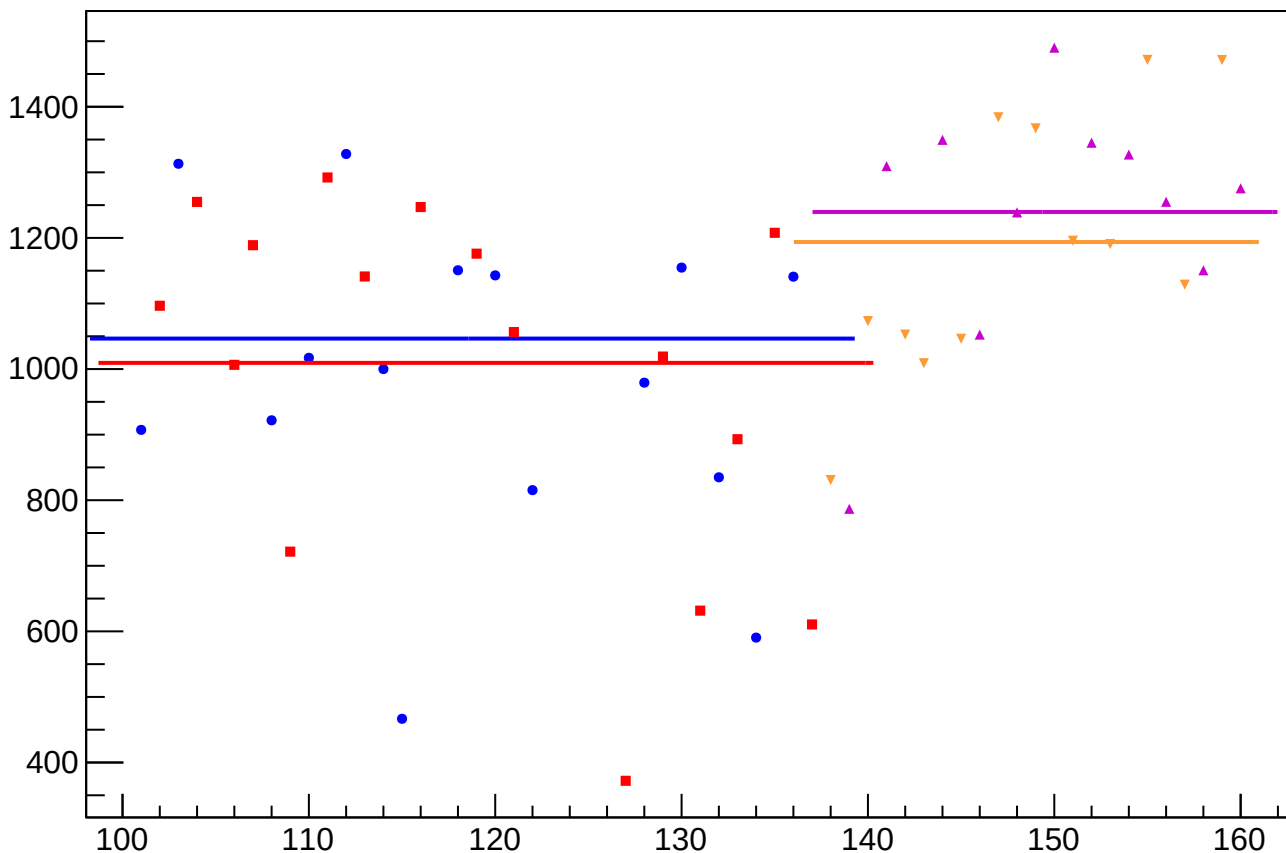
+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652
 All: 3.059+/-0.000 χ^2/NDF : 20091616900140
 - sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 ± 0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.847 ± 0.000 χ^2/NDF : 84162850183102511254837045231616.0/11
 Right Out: 1.462 ± 0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: 1.879 ± 0.000 χ^2/NDF : 90968052268112309617342982127616.0/10

dit_4aY_coil1_Ndata_mean vs Slug



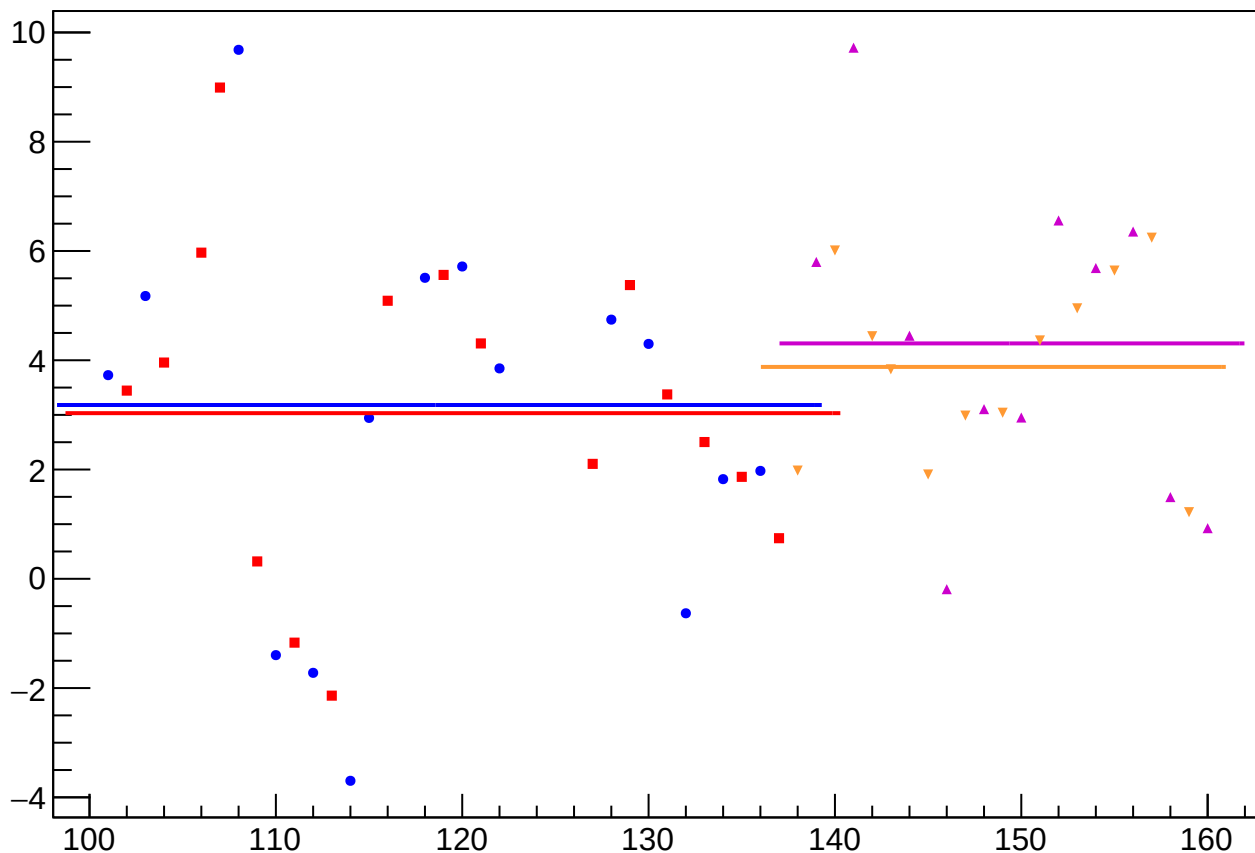
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726 ± 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000

χ^2/NDF : 5833303227868252617704566394191872.0/14

Left Out: 3.878+/-0.000

χ^2/NDF : 2463584640289158504459219897417728.0/11

Right Out: 3.032+/-0.000

χ^2/NDF : 4937209831371793945496546833334272.0/15

Left In: 4.308+/-0.000

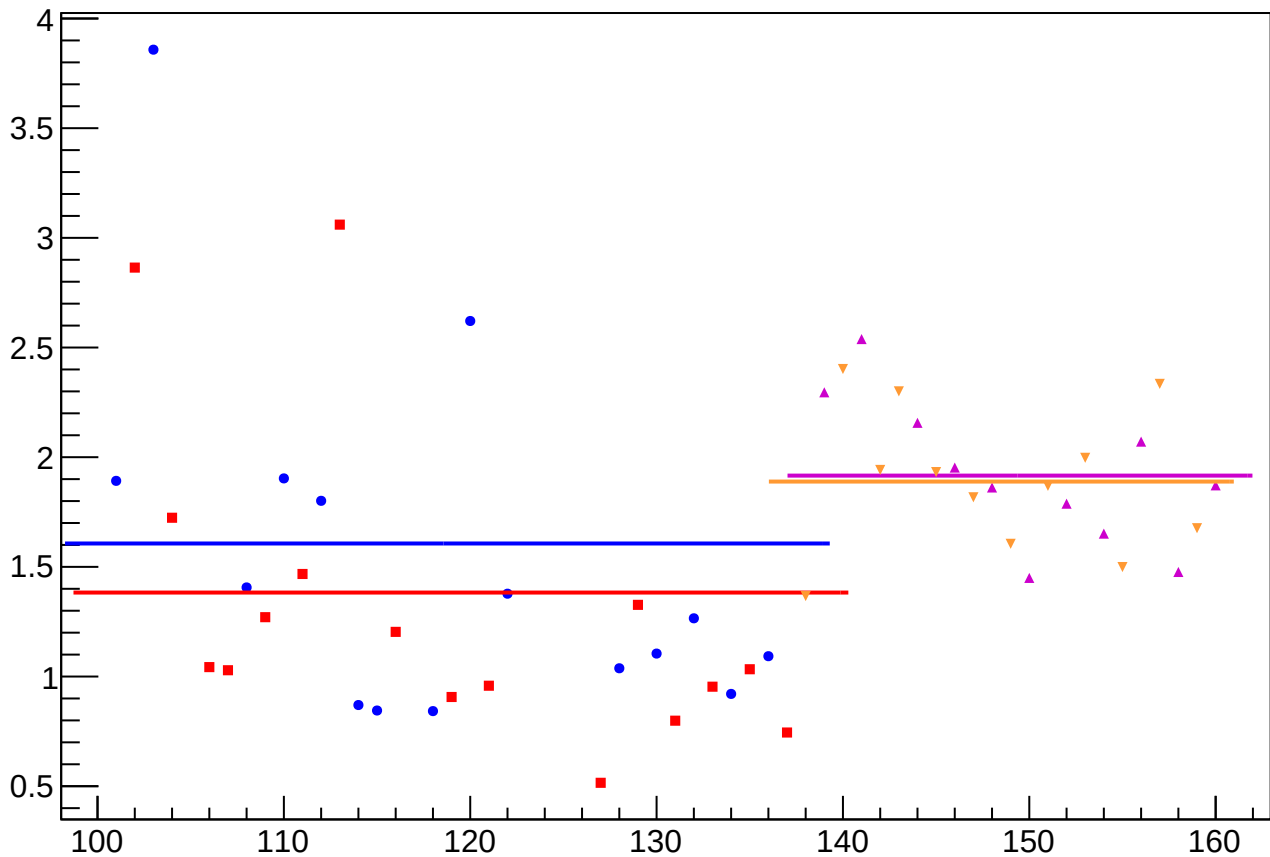
χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.589+/-0.000 χ^2/NDF : 84811787194063263

All: 3.682+/-0.000 χ^2/NDF : 21150064748618

- sign 3.773+/-0.000 χ^2/NDF : 12642039557663055

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.889 $\pm$ 0.000 χ^2 /NDF: 94097326064066188177587241484288.0/11

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

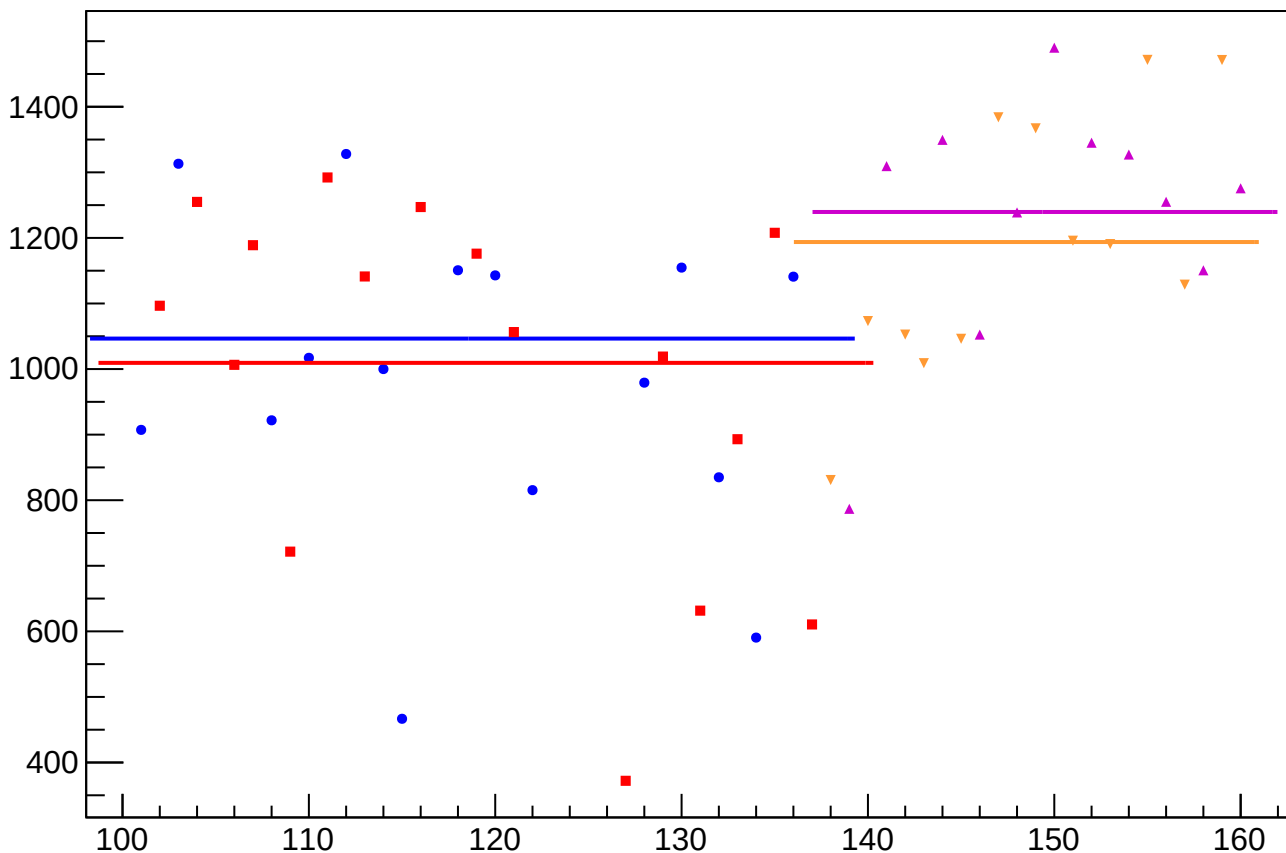
Left In: 1.916 $\pm$ 0.000 χ^2 /NDF: 95276515809016209875699691945984.0/10

+ sign 1.772 $\pm$ 0.000 χ^2 /NDF: 58529175260763022

All: 1.732 $\pm$ 0.000 χ^2 /NDF: 11539749951204

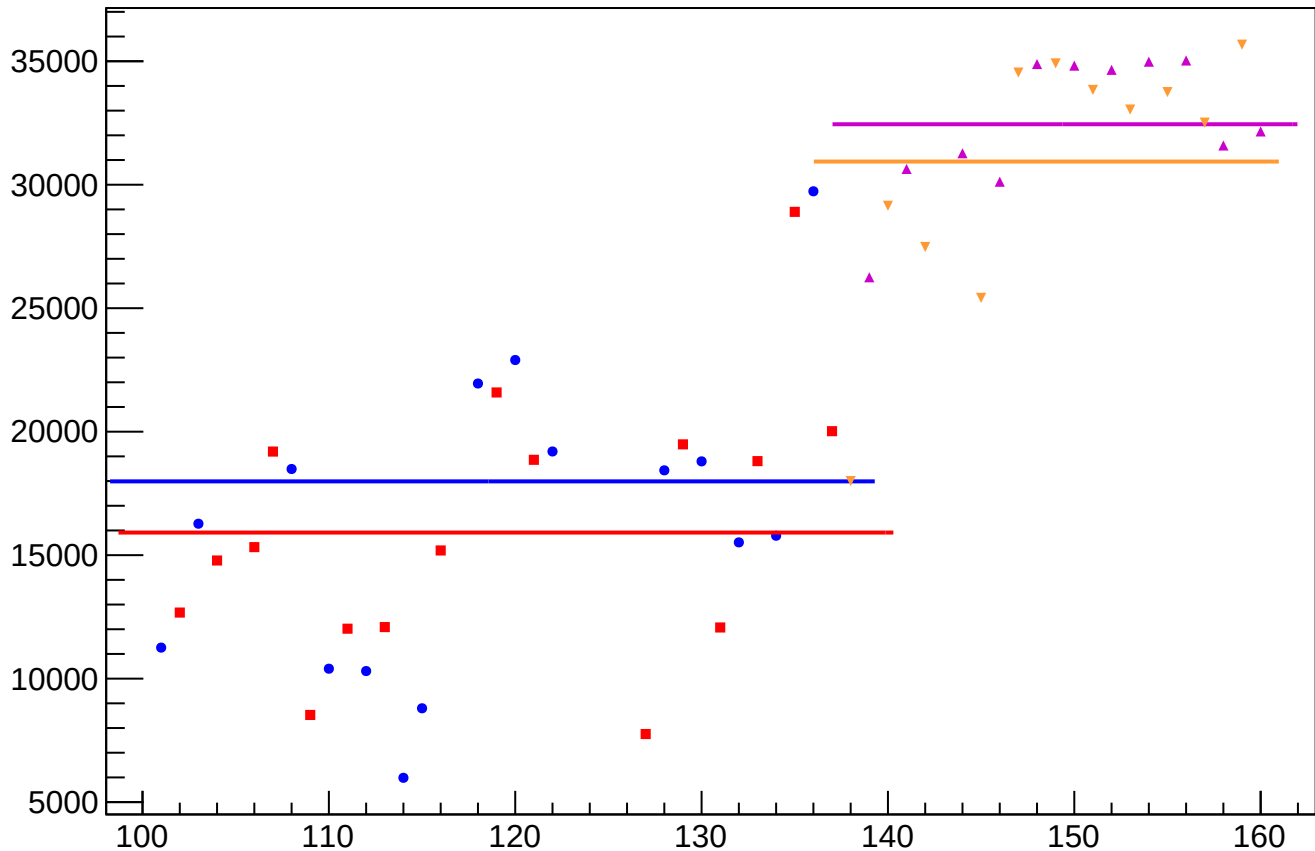
- sign 1.693 $\pm$ 0.000 χ^2 /NDF: 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

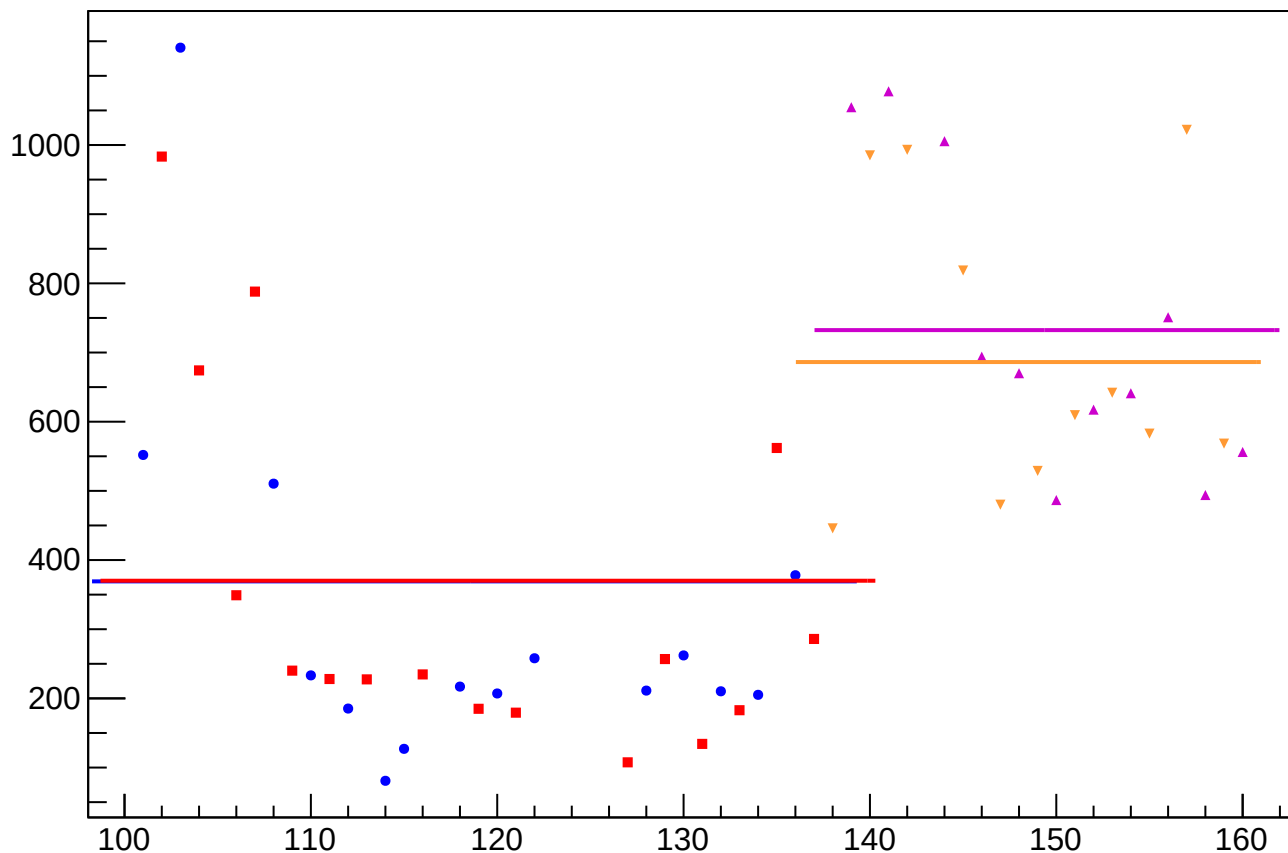
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30938.190+/-0.000	χ^2/NDF : 22231201695257869773275369100022395174912.0/10
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32448.675+/-0.000	χ^2/NDF : 6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF : 1086683983858
 All: 25421.772+/-0.000 χ^2/NDF : 2411086165
 - sign 25517.305+/-0.000 χ^2/NDF : 1324102555101

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 548.687+/-0.000 χ^2/NDF : 119411567412423

Left Out: 686.240+/-0.000 χ^2/NDF : 34417236167842983766159212562513657856.0/10

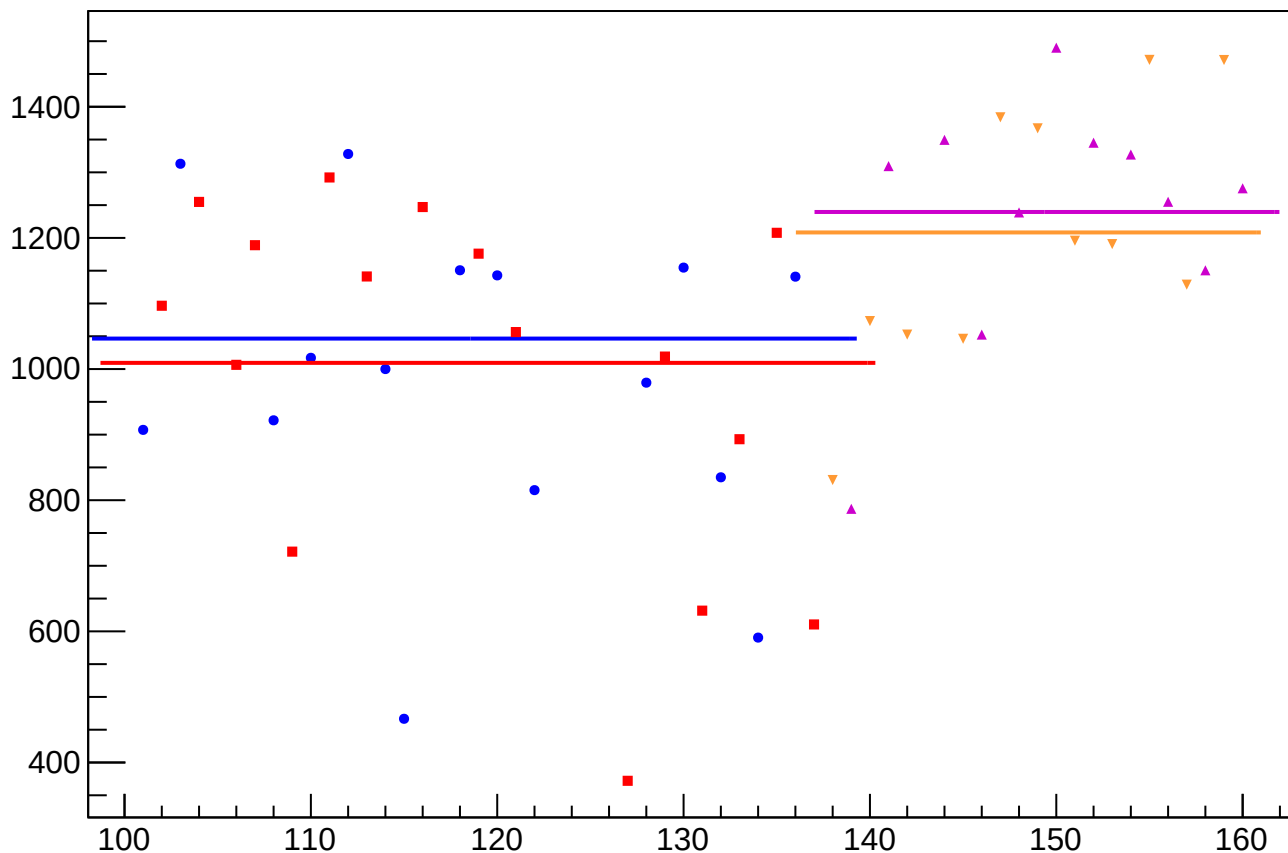
All: 565.091+/-0.000 χ^2/NDF : 259202401082

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 580.516+/-0.000 χ^2/NDF : 139009735968020

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF : 31920270949065456215955115636701528064.0/10

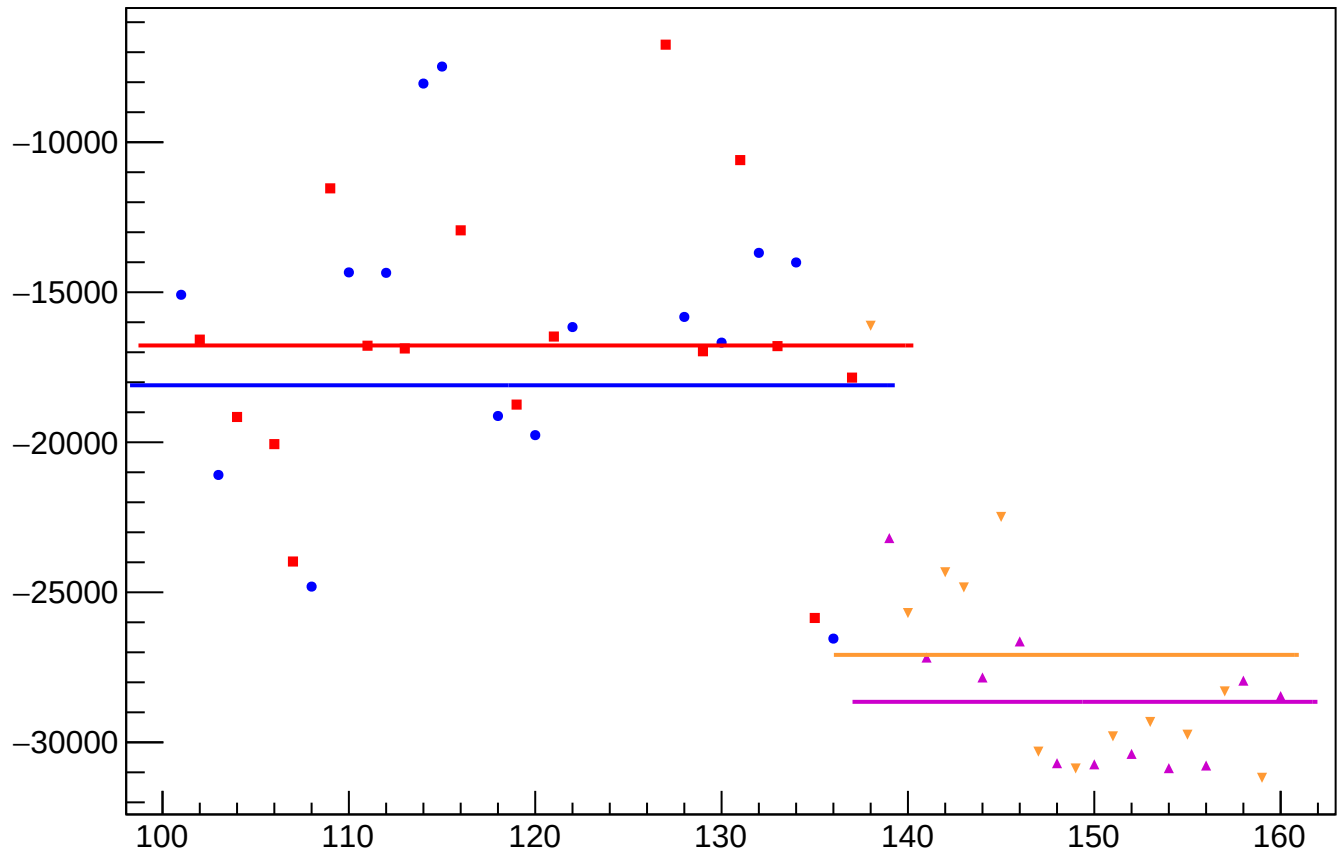
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1140.682+/-0.000 χ^2/NDF : 16066171729

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

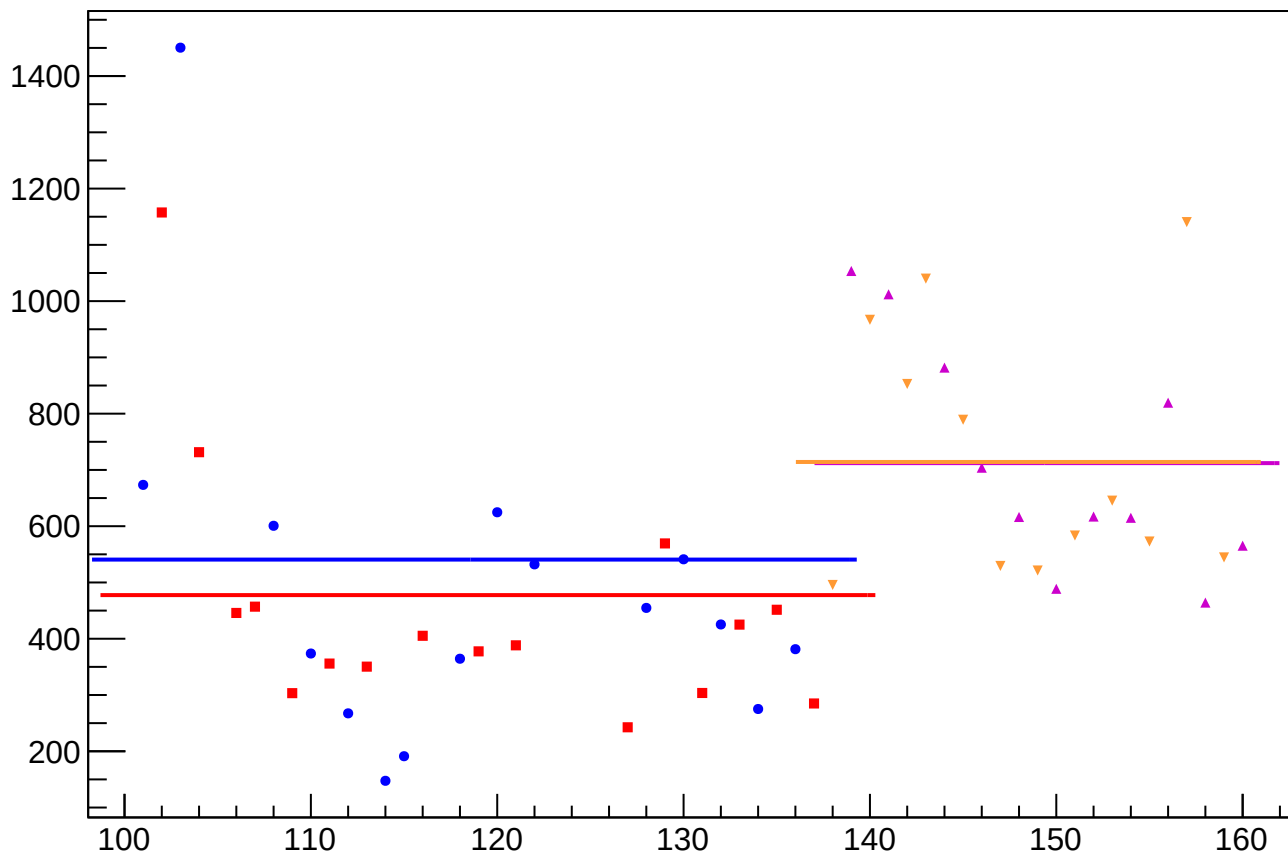
dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -27085.326+/-0.000 χ^2/NDF : 16913671790830002451724713056210492850176.0/11
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: -28650.410+/-0.000 χ^2/NDF : 4838827535981080826725947474344765554688.0/10

+ sign -23354.640+/-0.000 χ^2/NDF : 621850607090
 All: -23514.355+/-0.000 χ^2/NDF : 135979518
 - sign -23671.259+/-0.000 χ^2/NDF : 7371541854107

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF : 43160975478631460248575745928156151808.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

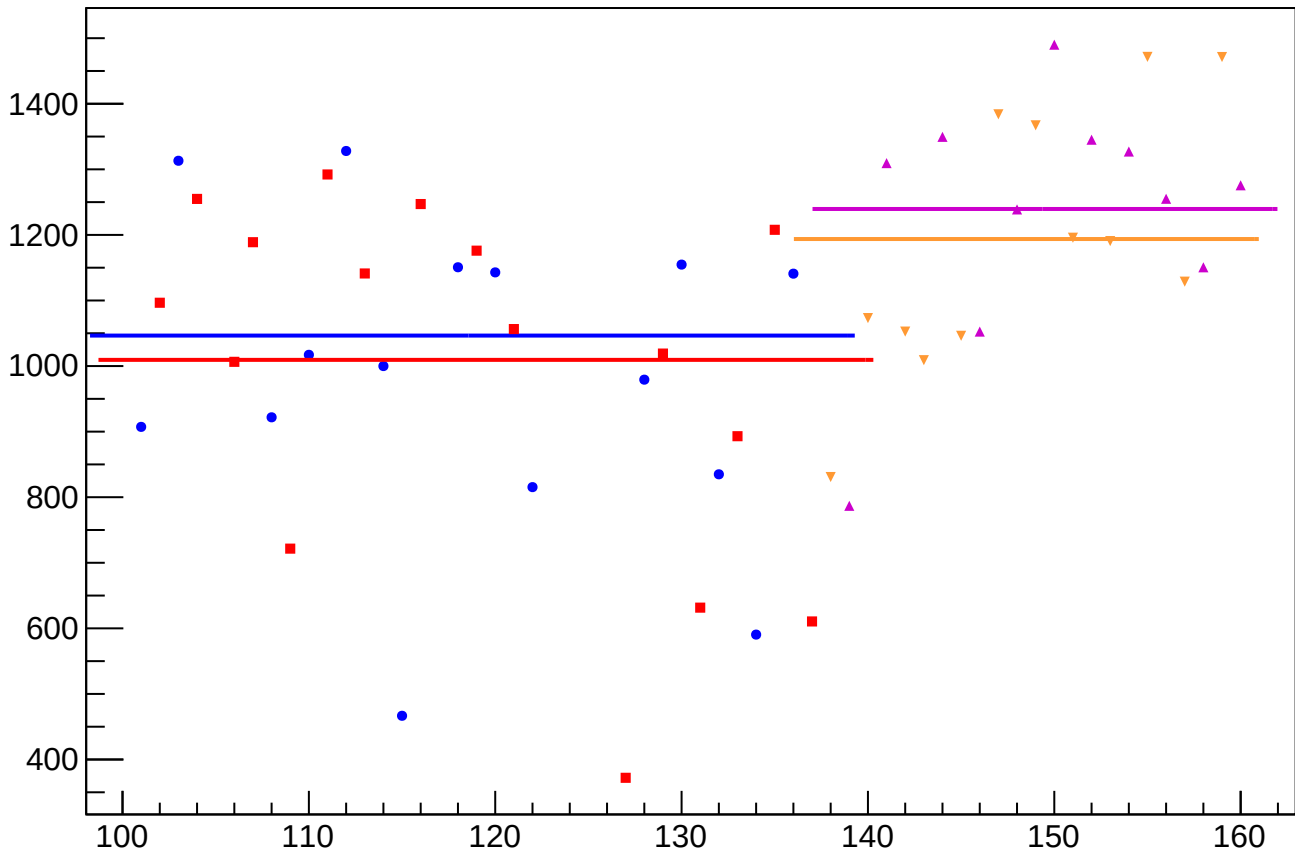
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

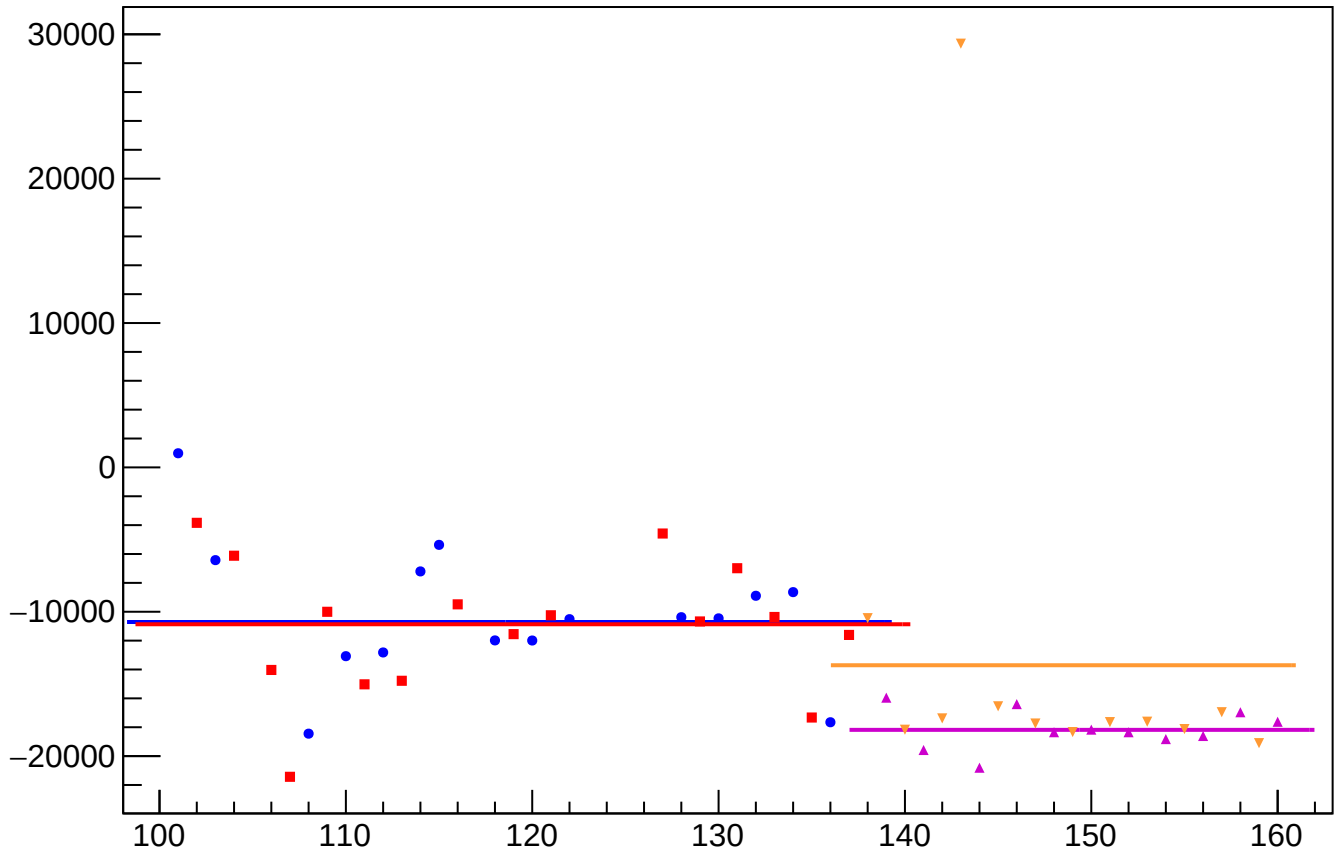
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

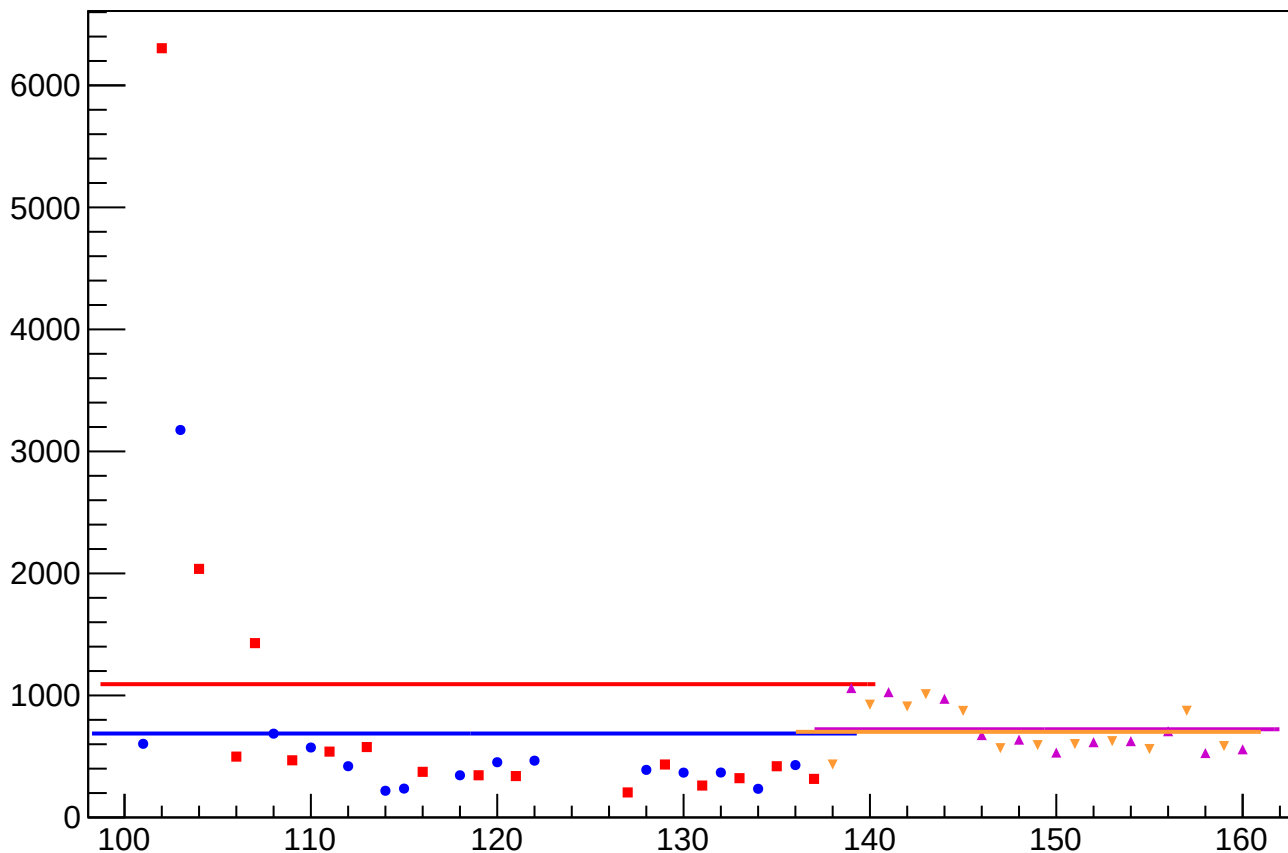
dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000	χ^2/NDF : 16945226152053511840482618402250170564608.0/14
Left Out: -13705.488+/-0.000	χ^2/NDF : 138226511026527050662319693841079709204480.0/11
Right Out: -10866.264+/-0.000	χ^2/NDF : 14234762838858382484525901644131626647552.0/15
Left In: -18181.504+/-0.000	χ^2/NDF : 1643617183572647868818914289162838343680.0/10

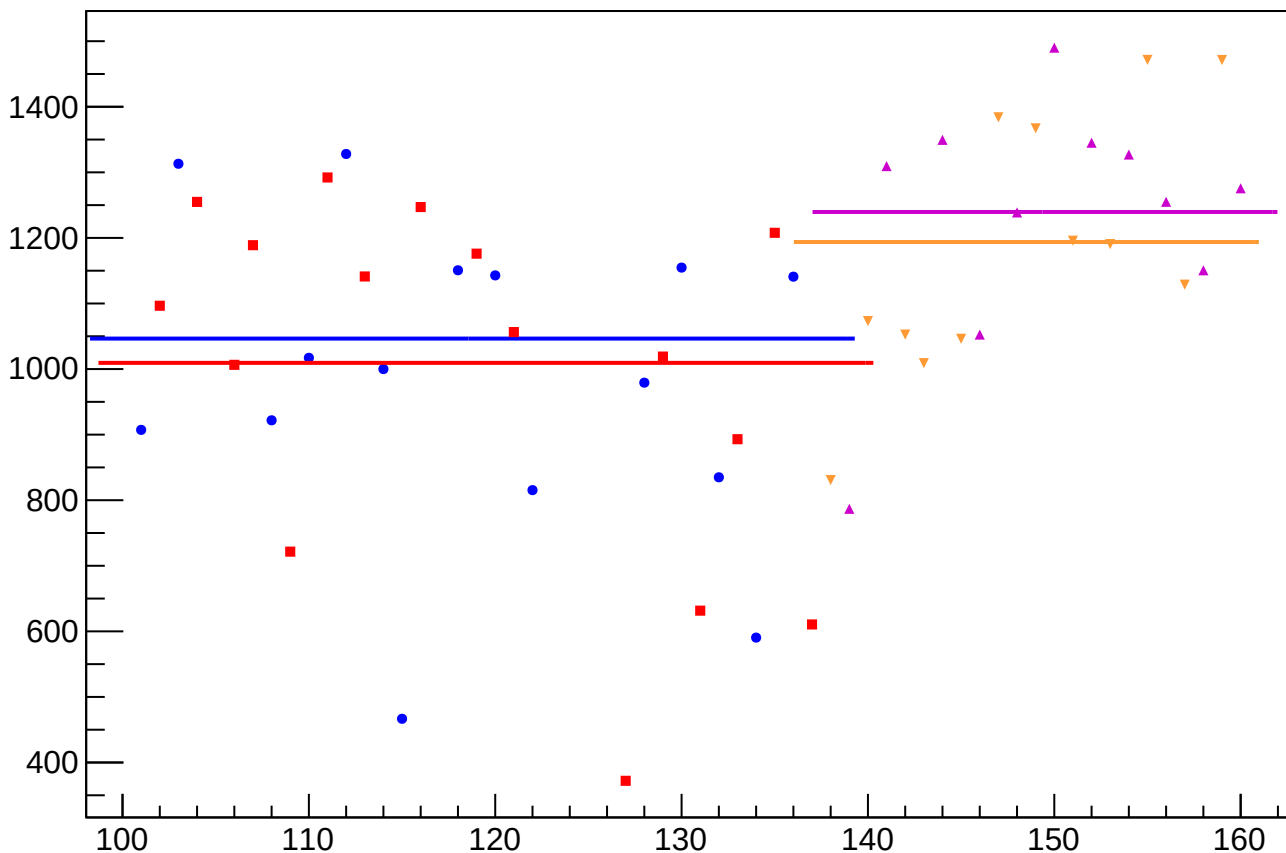
+ sign -12461.801+/-0.000 χ^2/NDF : 158576463536
 All: -13800.033+/-0.000 χ^2/NDF : 200733129
 - sign -15114.713+/-0.000 χ^2/NDF : 3660768844081

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 701.825+/-0.000 χ^2/NDF : 29011752452264624264282448573098885120.0/11
 Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



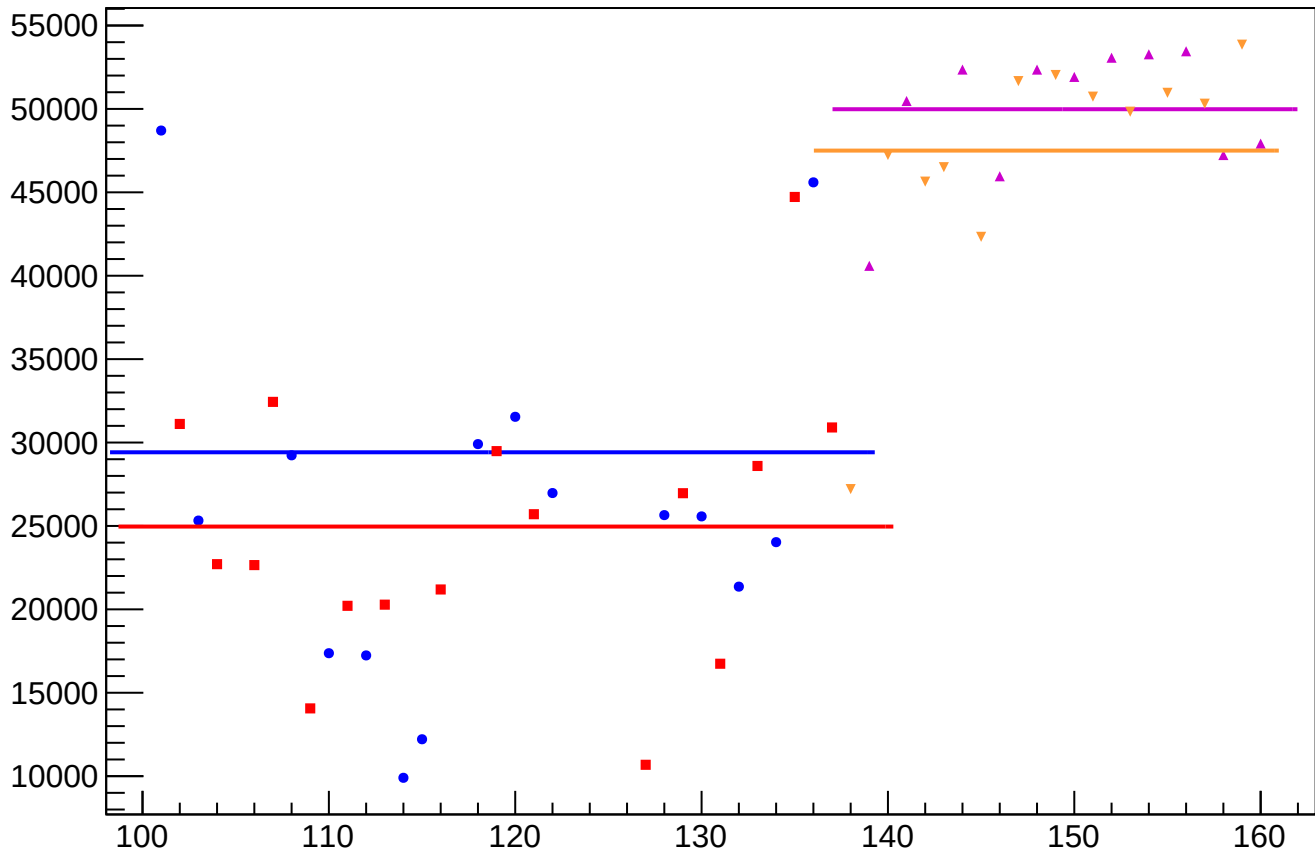
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

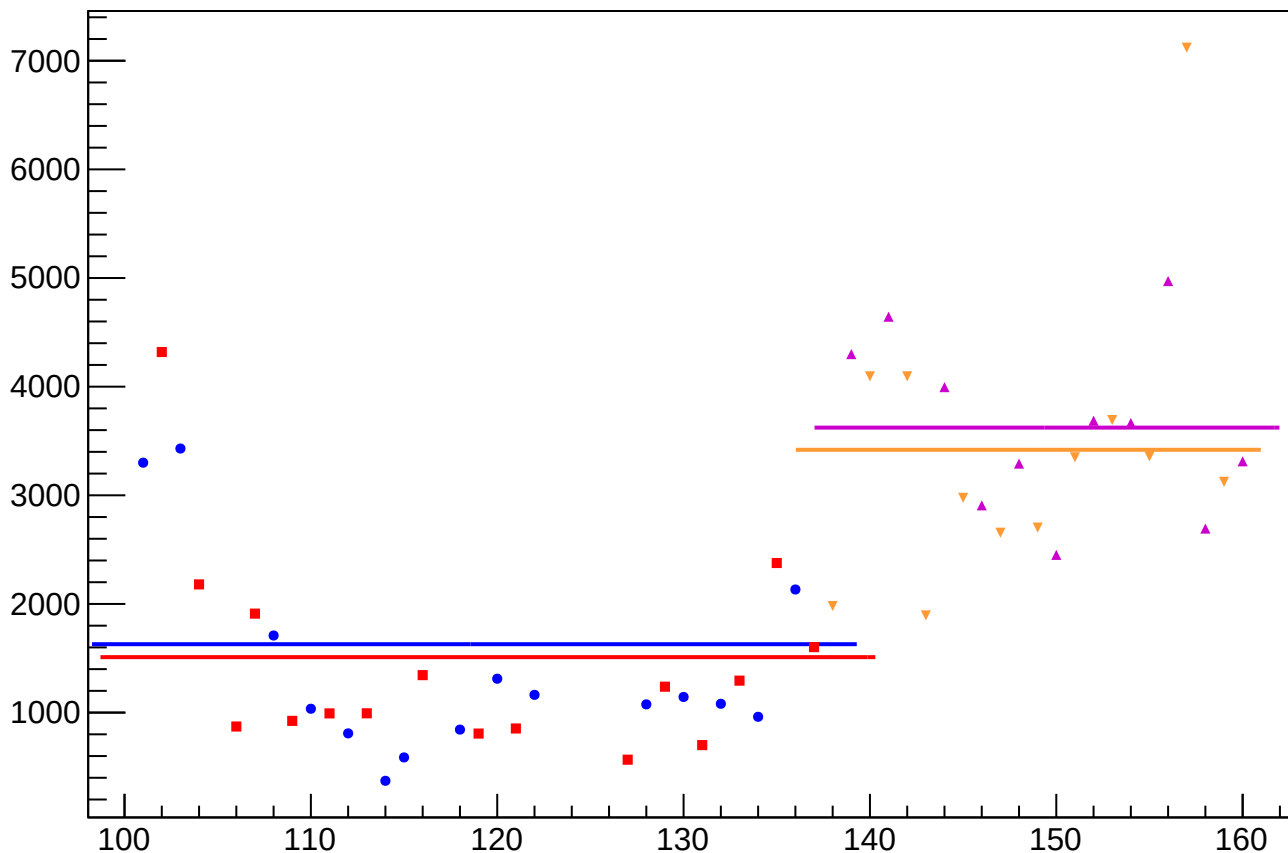
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47501.916+/-0.000	χ^2/NDF : 43591715334933801645565199836761766756352.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

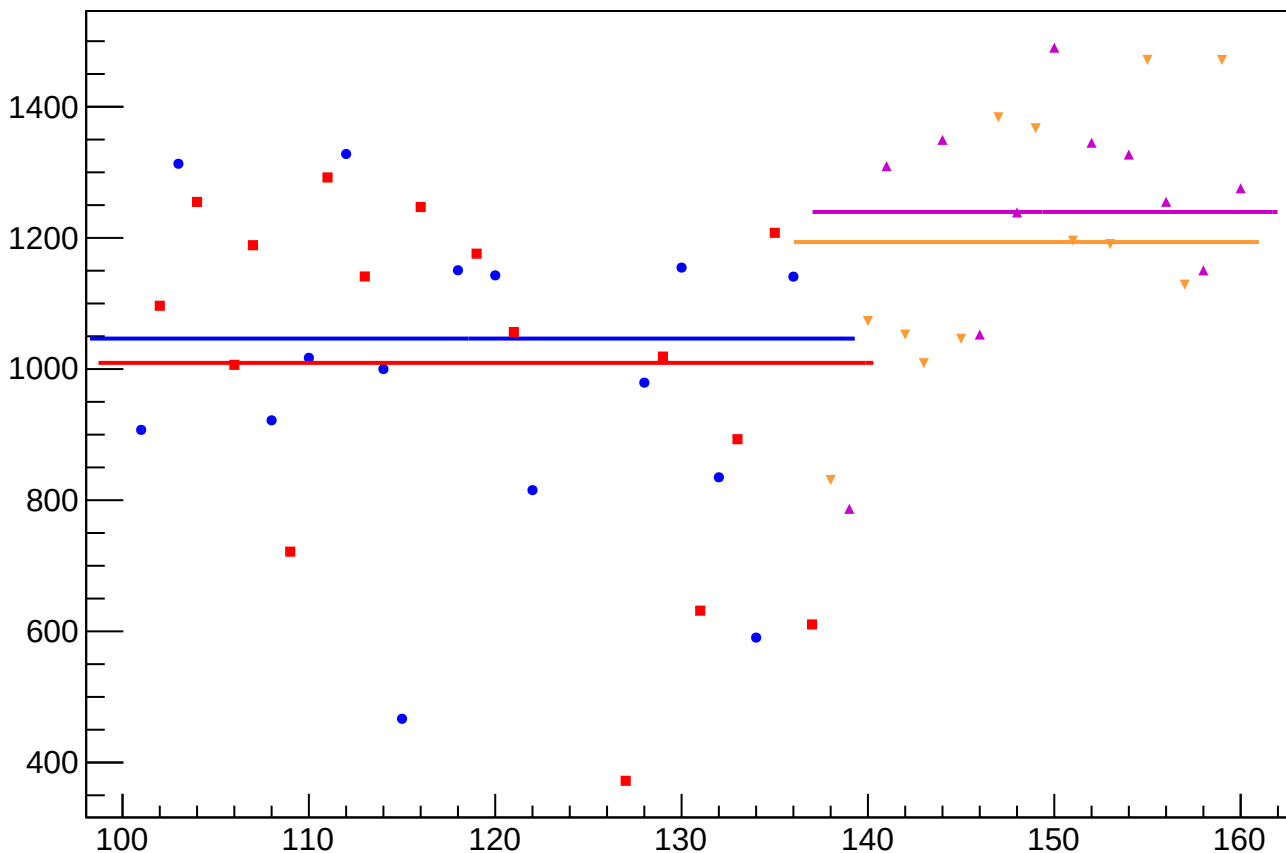
+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358
 All: 39740.450+/-0.000 χ^2/NDF : 5413093002
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2675.926+/-0.000	χ^2/NDF : 33424300848042
Left Out: 3418.927+/-0.000	χ^2/NDF : 1575515144069936231955966928879934767104.0/11	All: 2706.904+/-0.000	χ^2/NDF : 63005491565
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2737.338+/-0.000	χ^2/NDF : 29551454832887
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10		

dit_atl2_coil1_Ndata_mean vs Slug



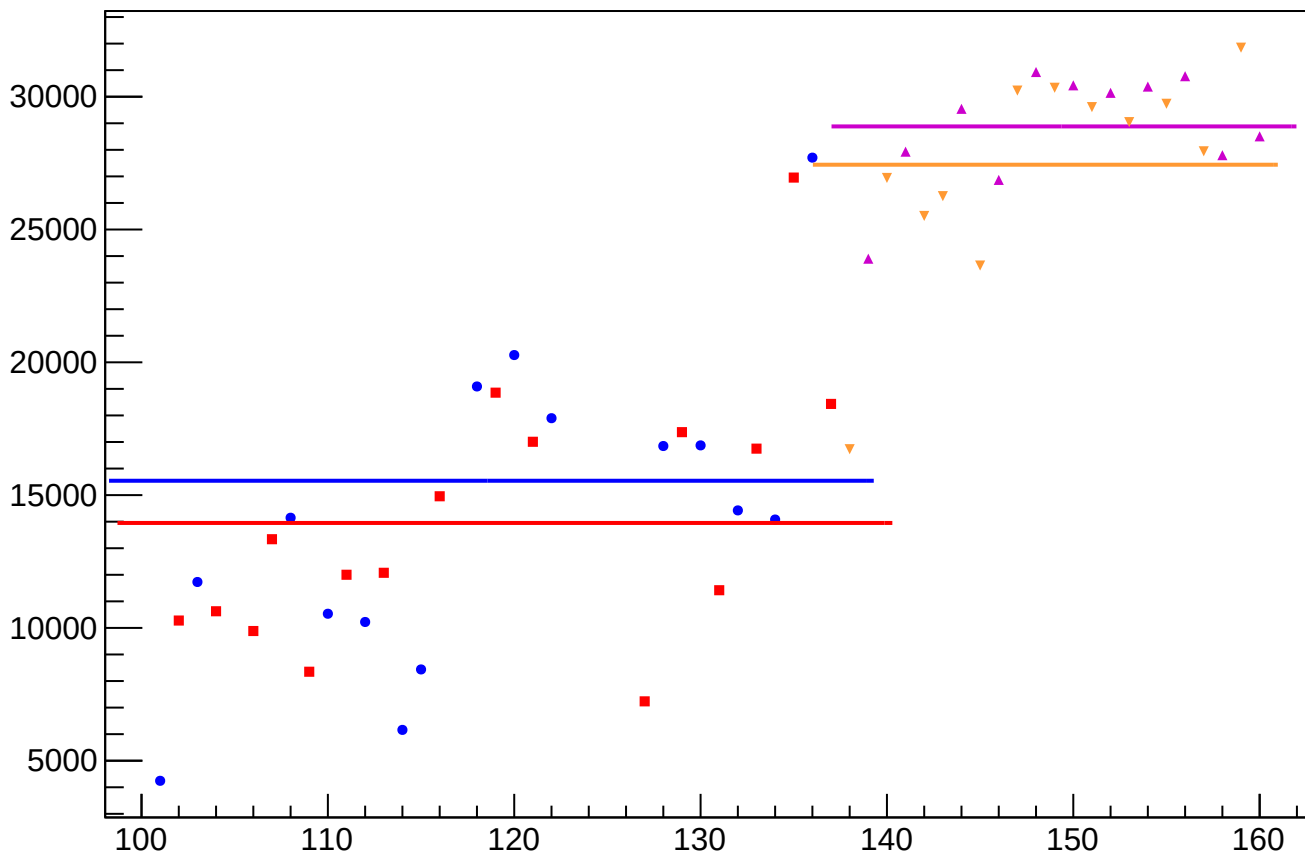
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726 ± 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

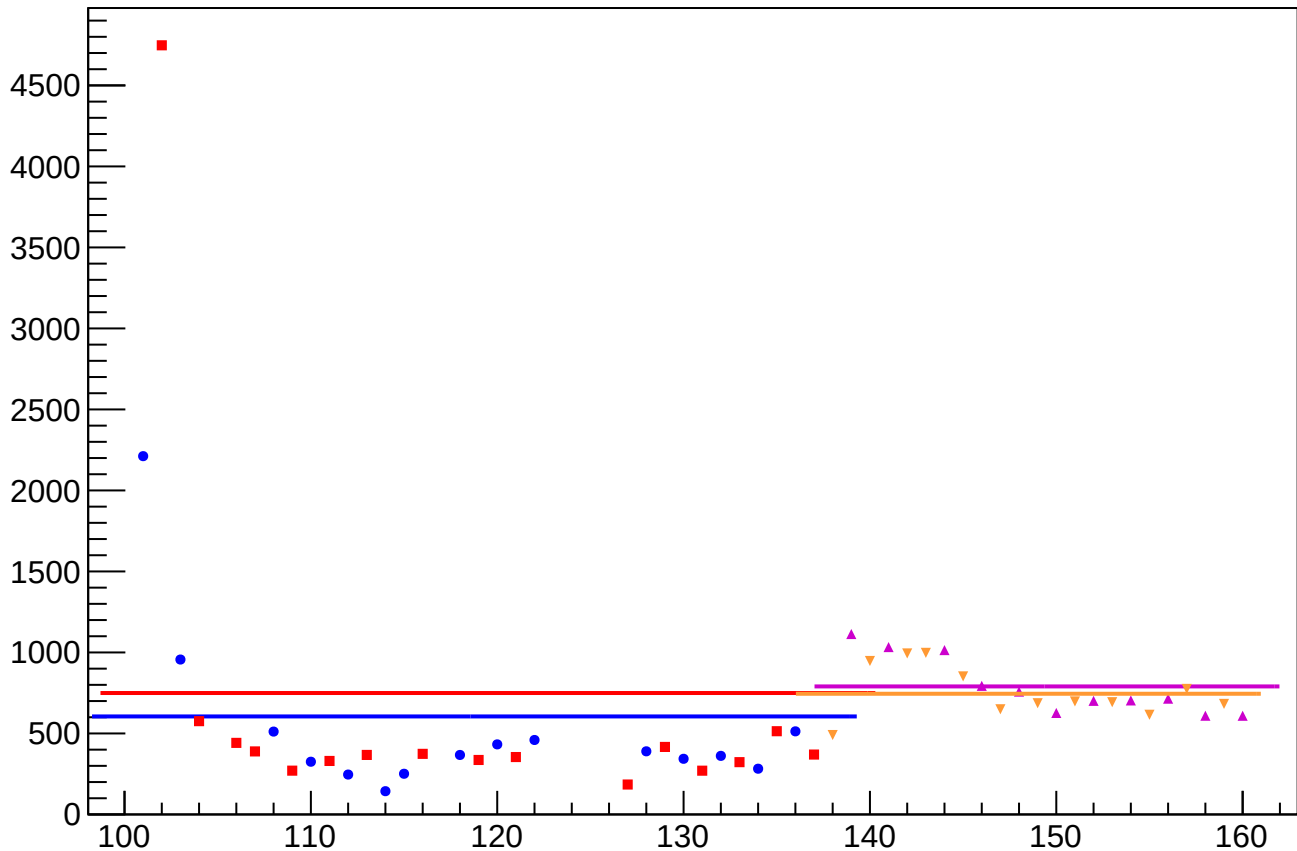
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 27439.616+/-0.000	χ^2/NDF : 14247025908871725813351088668818926469120.0/11
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28881.771+/-0.000	χ^2/NDF : 3761764043421234560623243625754374701056.0/10

+ sign 22498.900+/-0.000 χ^2/NDF : 9536357865964
 All: 22561.315+/-0.000 χ^2/NDF : 2024381611
 - sign 22622.631+/-0.000 χ^2/NDF : 1070625118466

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 744.985+/-0.000 χ^2/NDF : 19571453984278961719936247870544412672.0/11

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

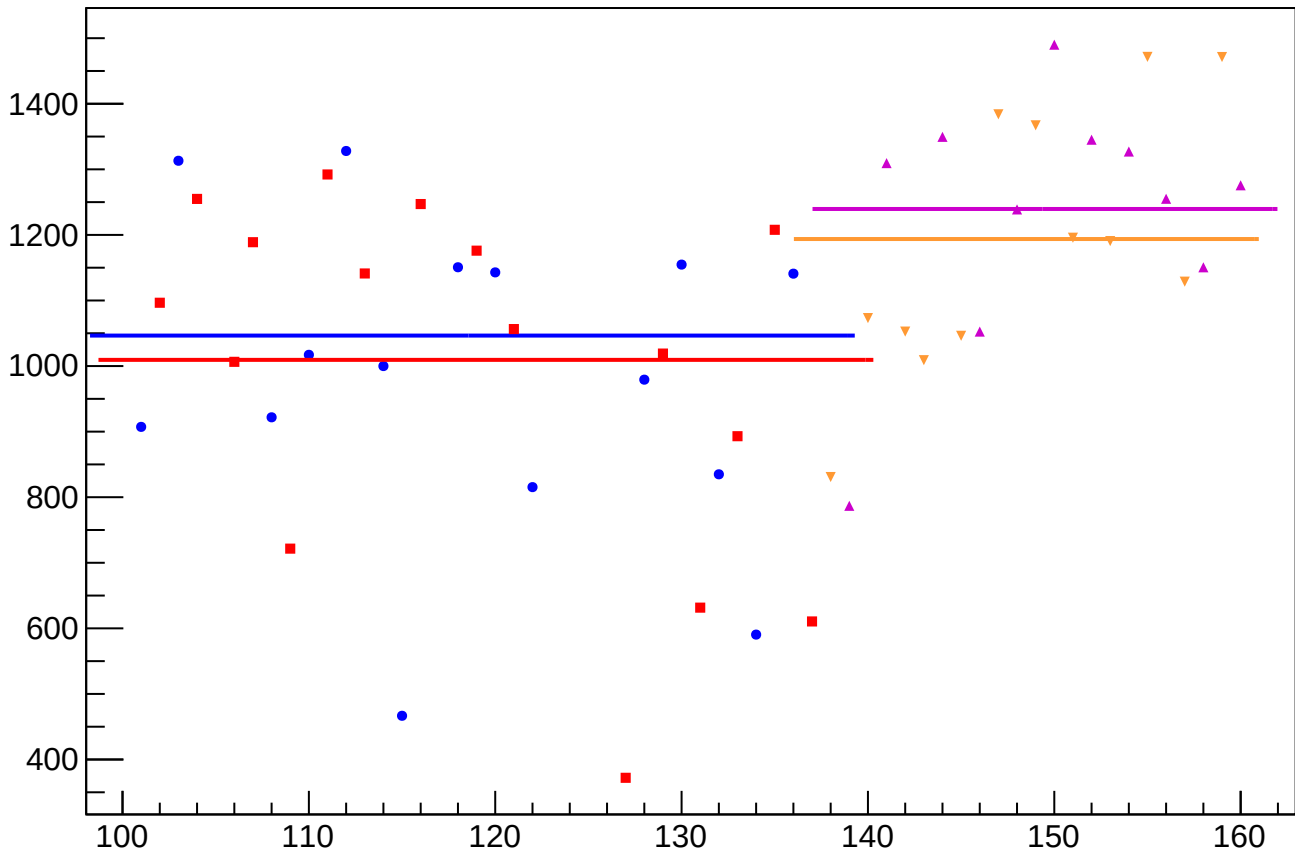
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

All: 730.430+/-0.000 χ^2/NDF : 127166116576

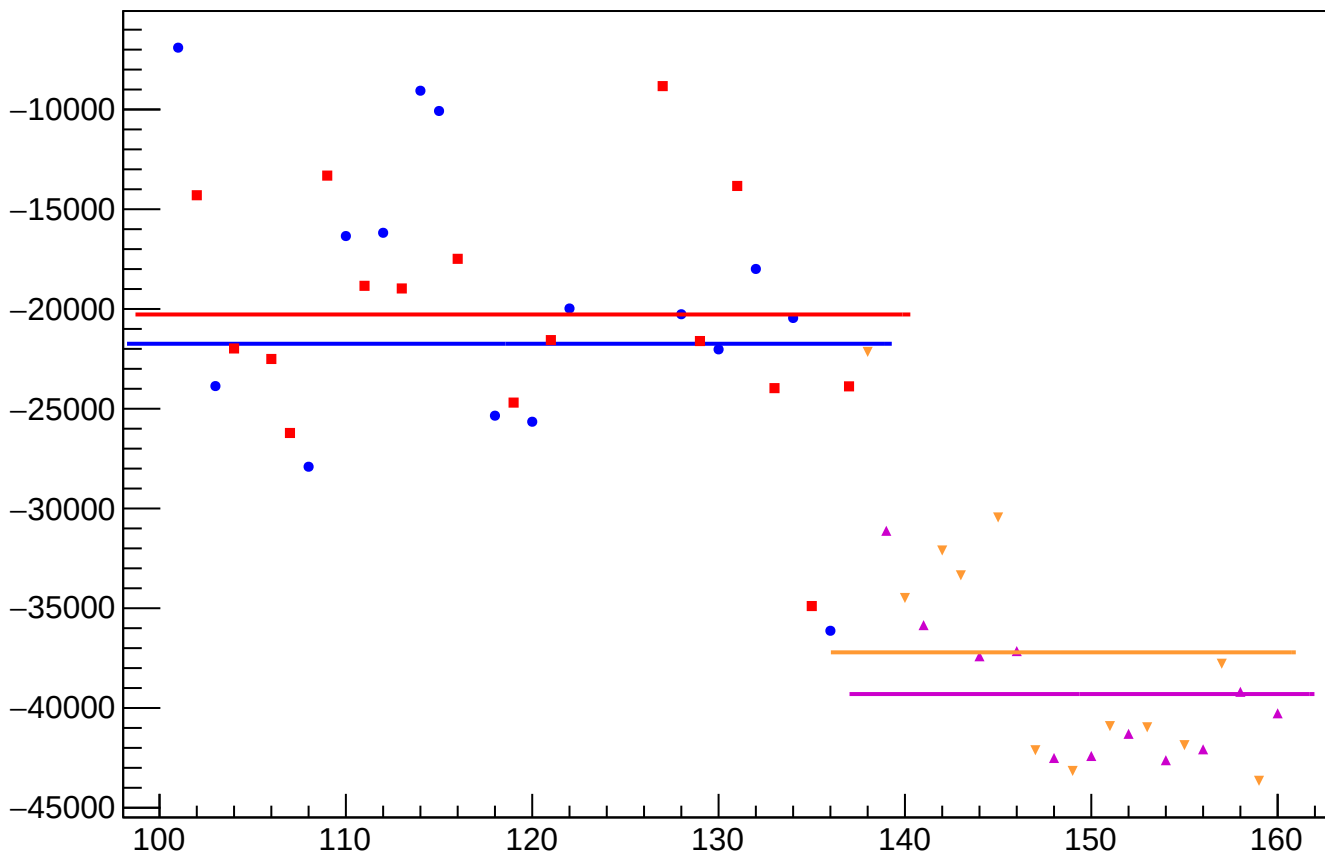
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



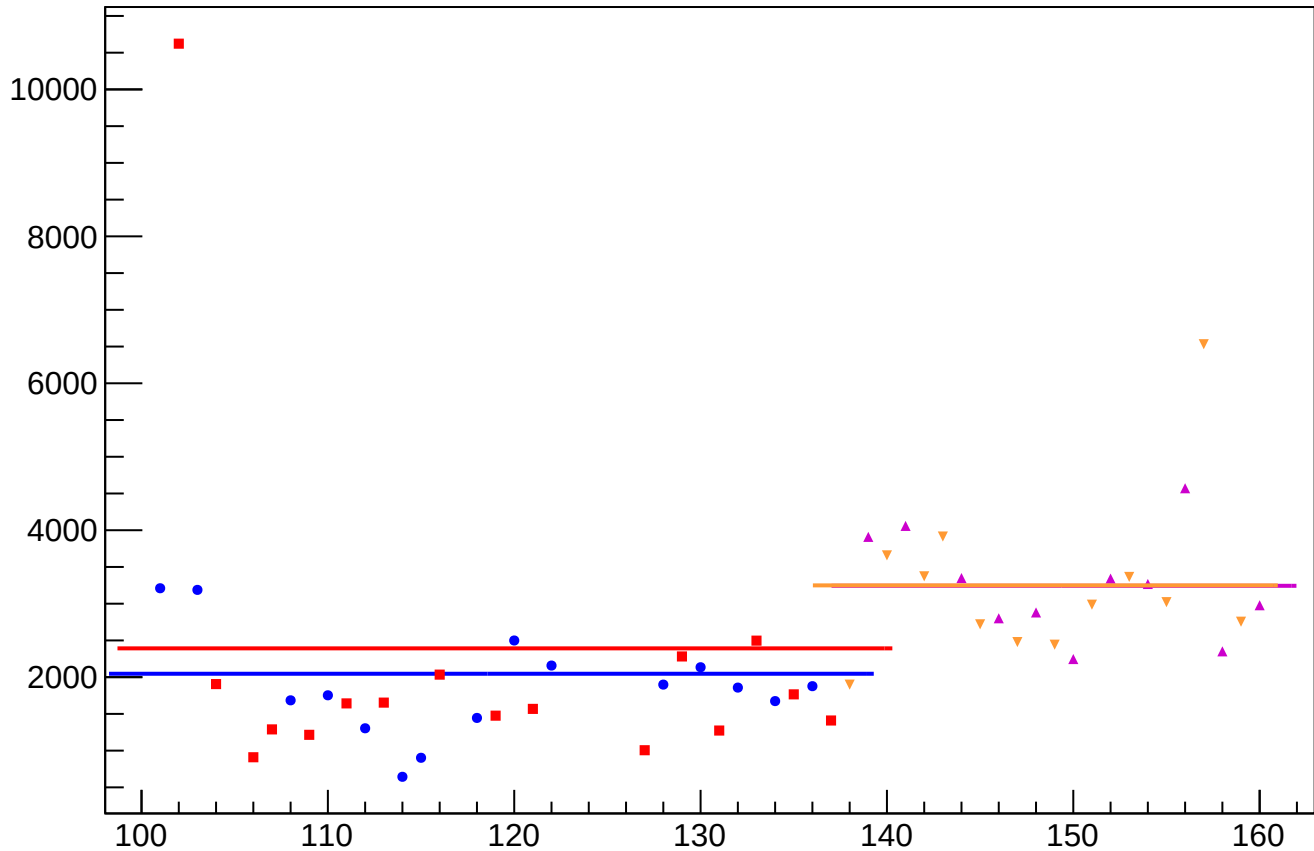
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



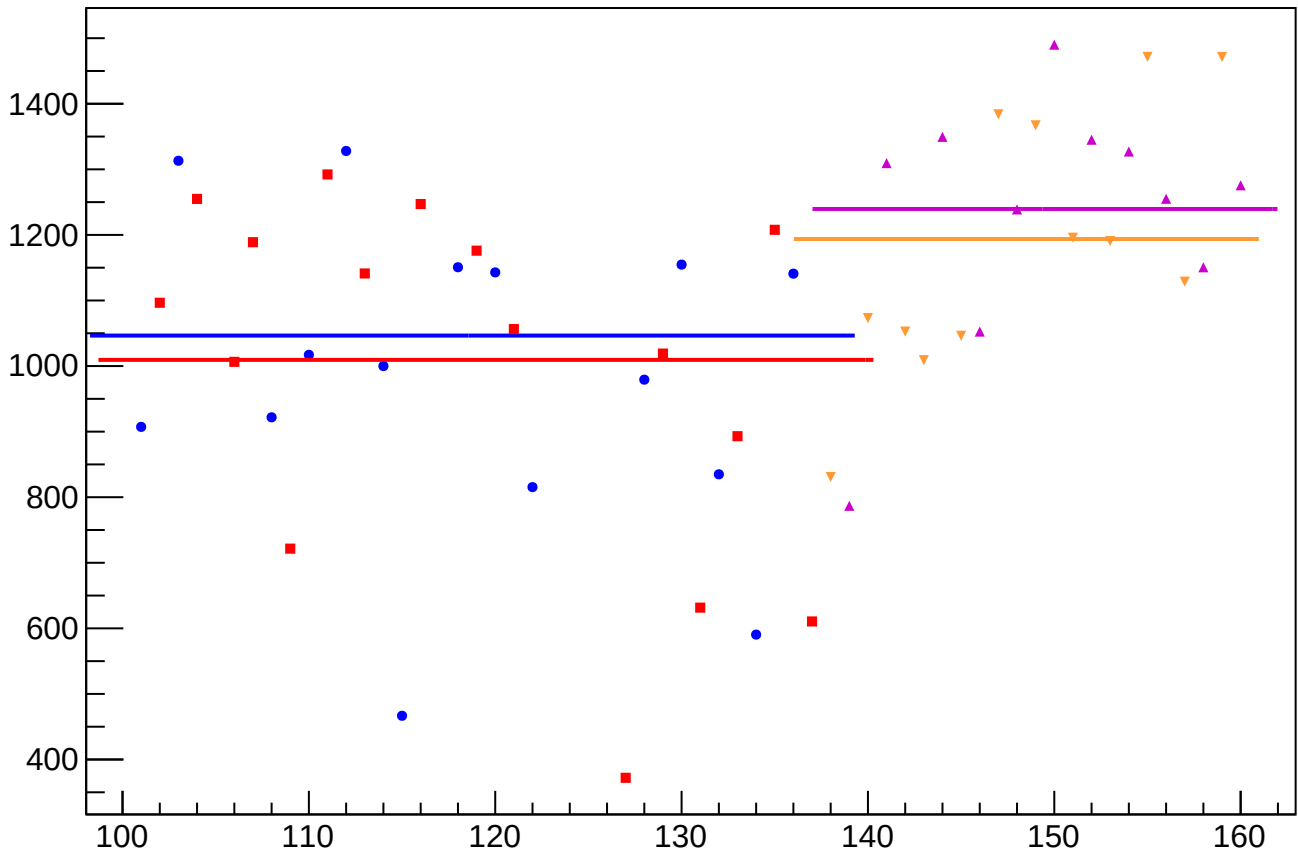
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37210.761+/-0.000 χ^2/NDF : 36234813568101266501920845904945520574464.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



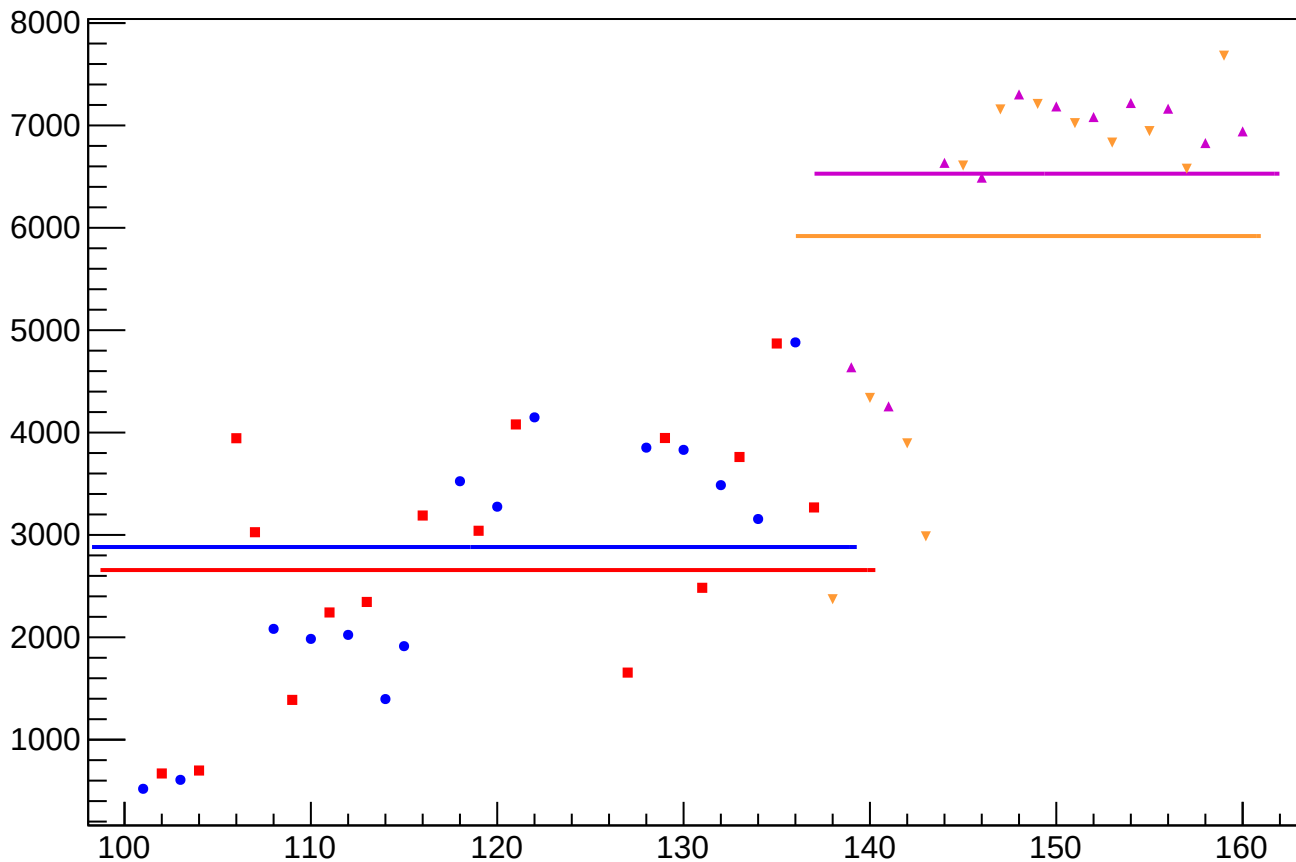
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



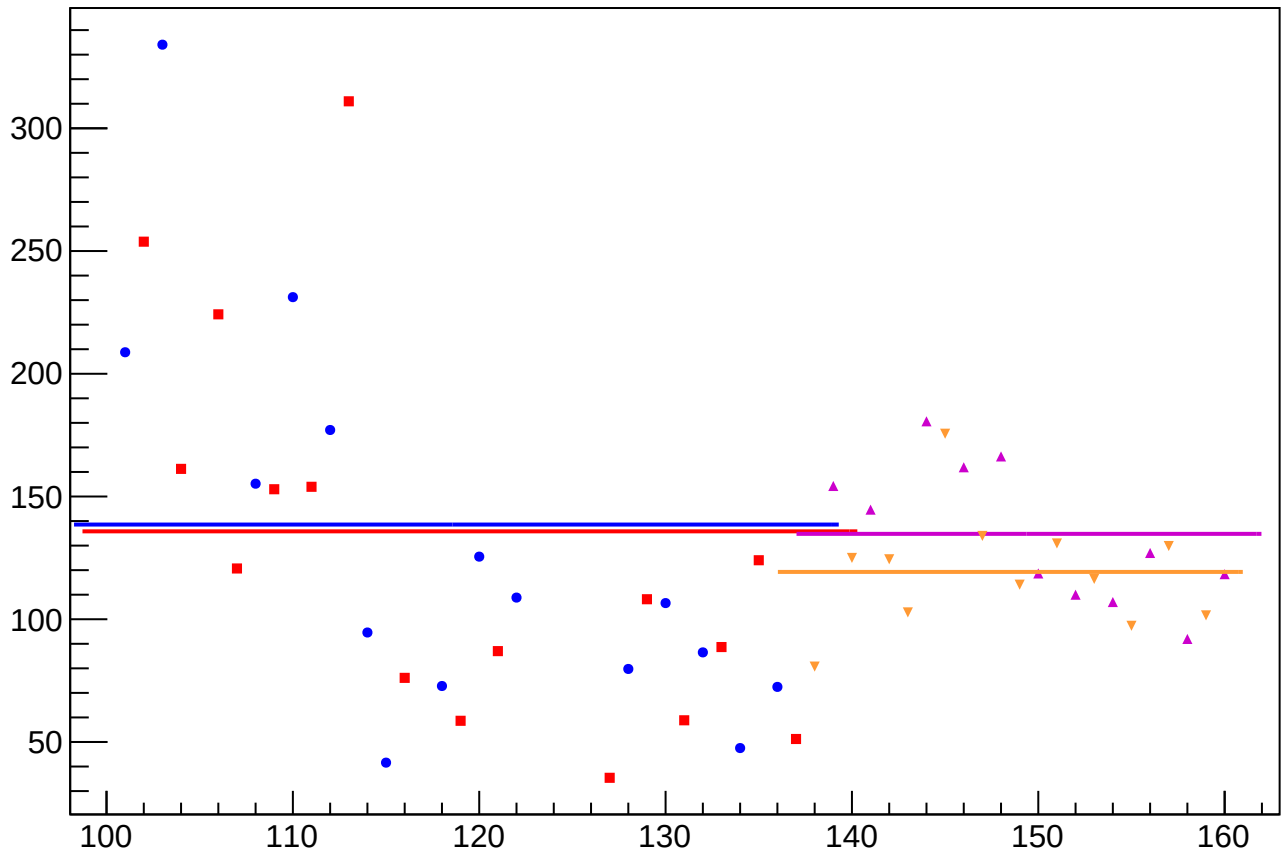
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



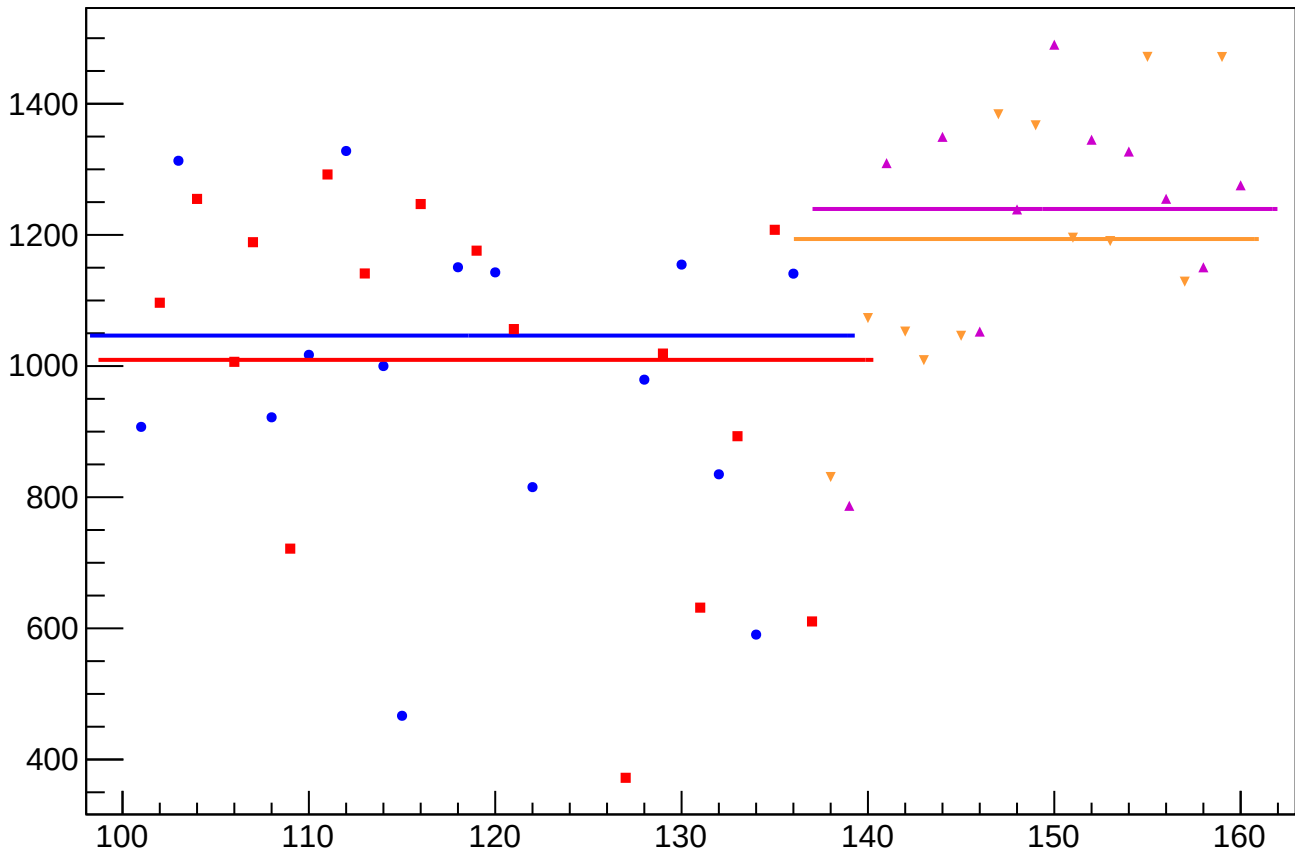
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5919.511+/-0.000 χ^2/NDF : 2779072700024845827027981240176985767936.0/11
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6528.681+/-0.000 χ^2/NDF : 940619832290547661204641528694924378112.0/10

dit_sam1_coil1_err_mean vs Slug



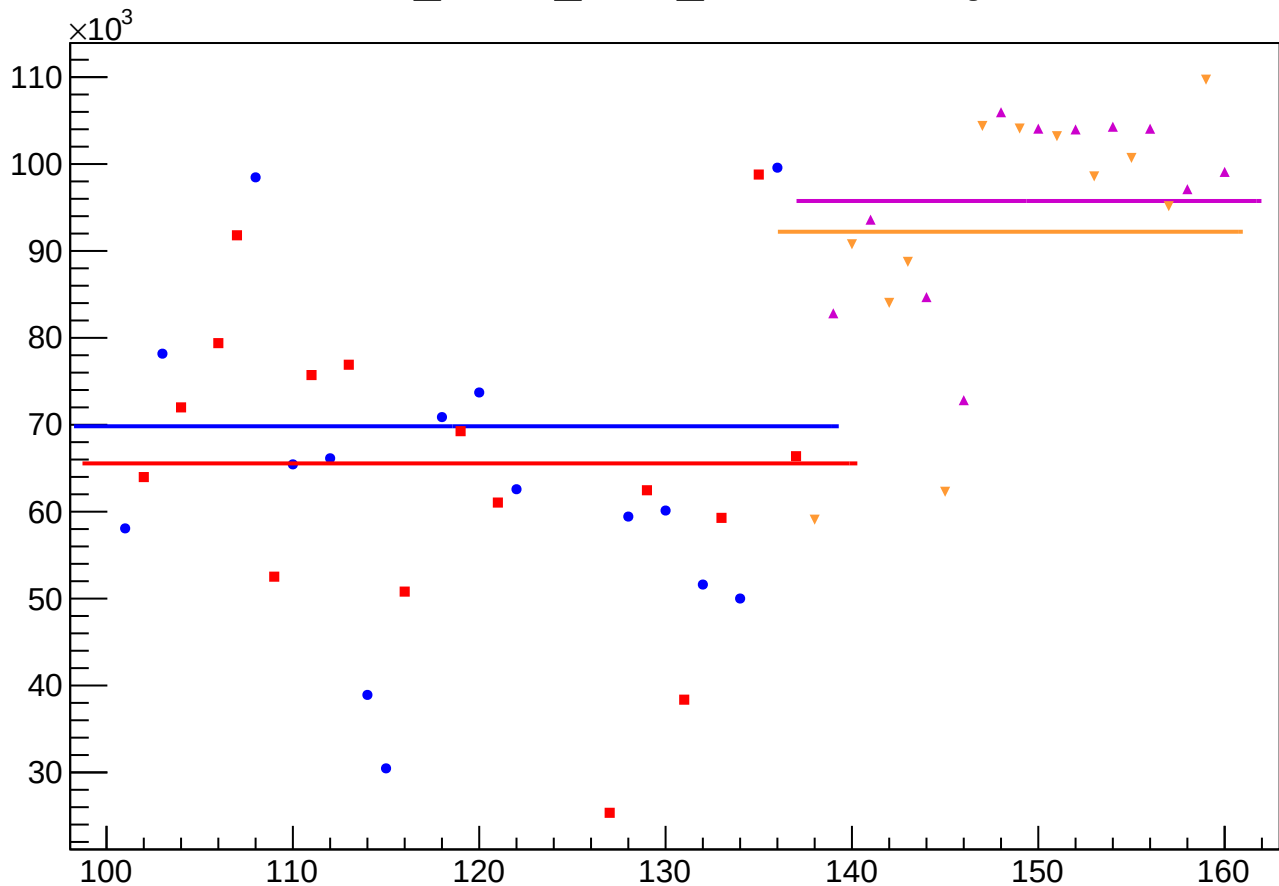
Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14	+ sign 127.294+/-0.000	χ^2/NDF : 487151185585046
Left Out: 119.282+/-0.000	χ^2/NDF : 487845779395217879153815293985292288.0/11	All: 131.289+/-0.000	χ^2/NDF : 956758975873
Right Out: 135.809+/-0.000	χ^2/NDF : 3956401741862524263243160868173643776.0/15	- sign 135.214+/-0.000	χ^2/NDF : 464661599123883
Left In: 134.785+/-0.000	χ^2/NDF : 689808602632315539029860685392642048.0/10		

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

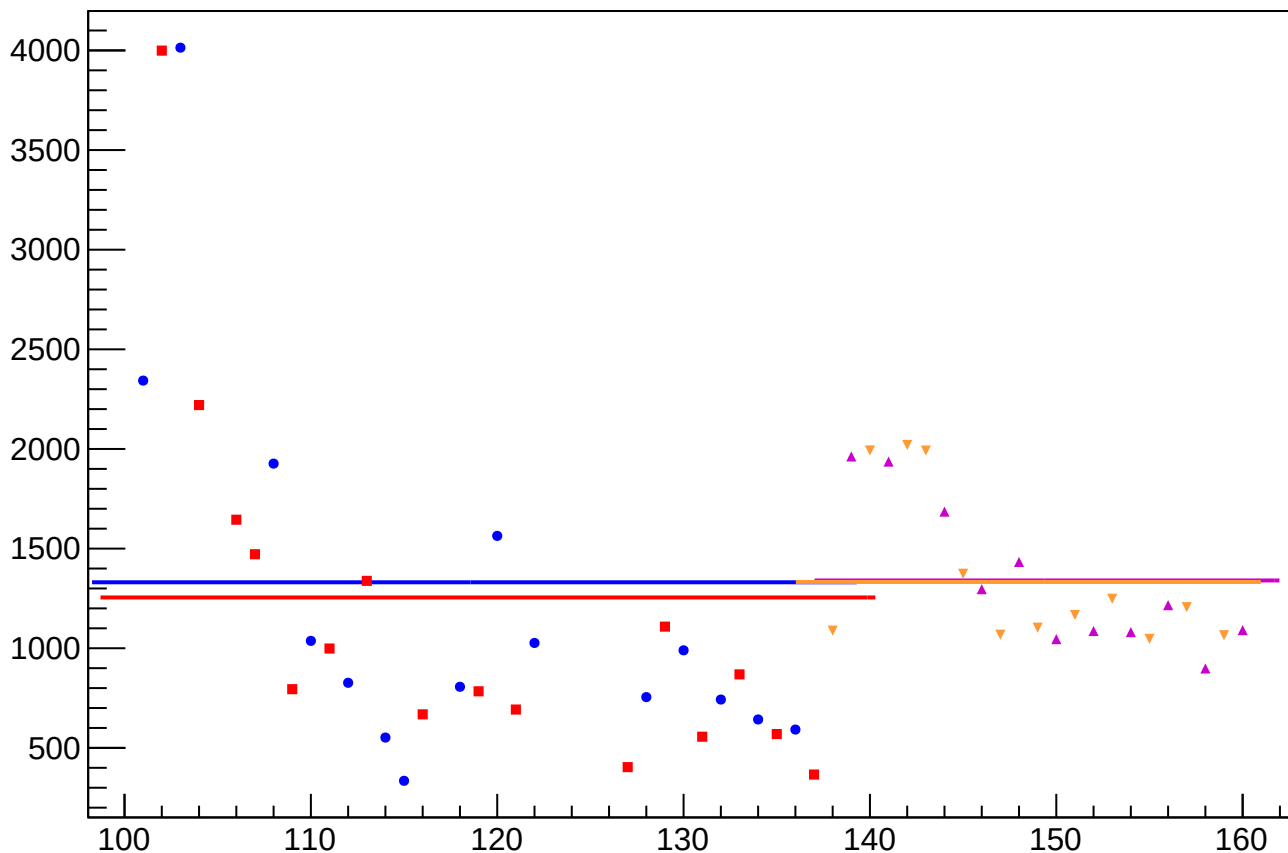
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 92210.698 $\pm$ 0.000	χ^2 /NDF: 226577476657807585202083767685360289579008.0/11
Right Out: 65555.147 $\pm$ 0.000	χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
Left In: 95749.411 $\pm$ 0.000	χ^2 /NDF: 102376761881530271427340284738693826084864.0/10

+ sign 82916.711 $\pm$ 0.000 χ^2 /NDF: 6045168976255
 All: 83004.616 $\pm$ 0.000 χ^2 /NDF: 1272083143
 - sign 83090.974 $\pm$ 0.000 χ^2 /NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14

Left Out: 1332.669+/-0.000 χ^2/NDF : 117488793251165999850417206895273050112.0/11

Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15

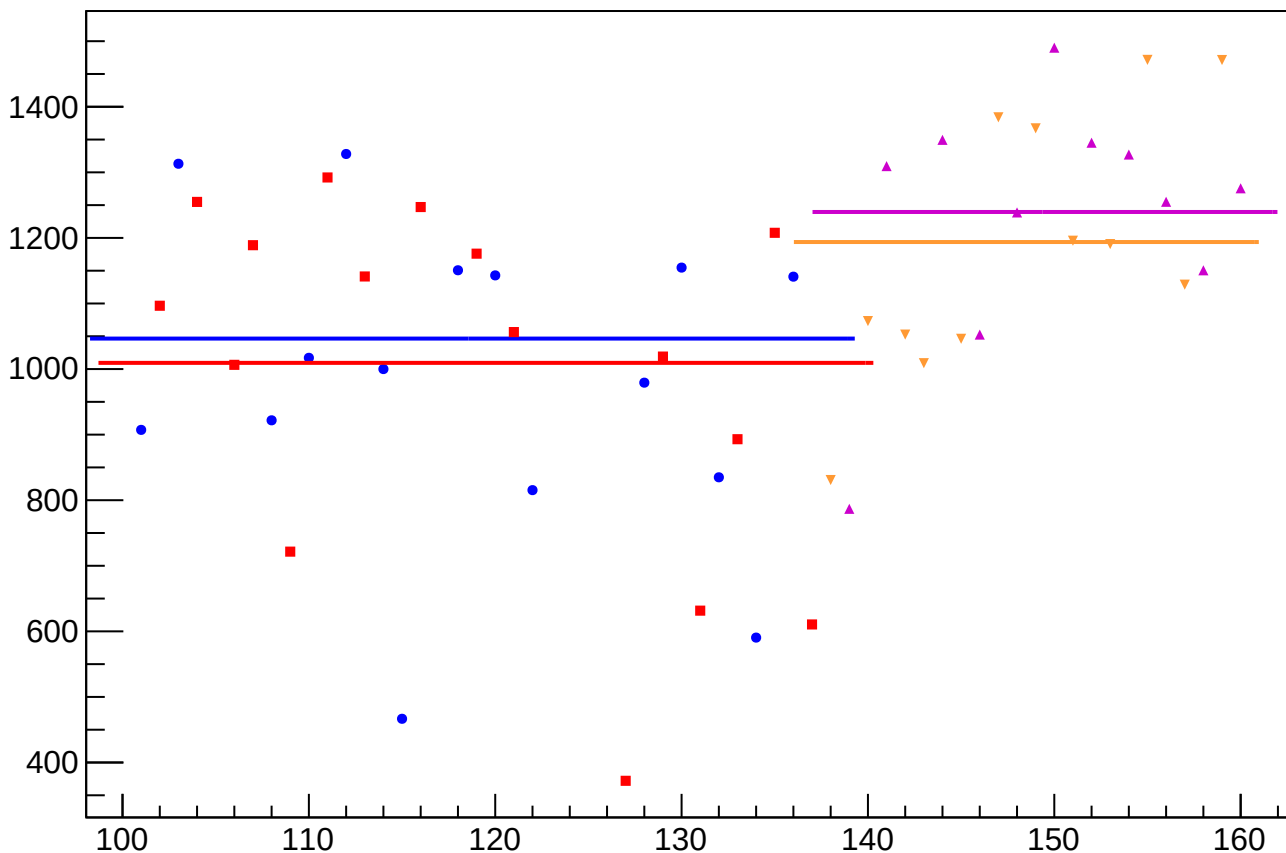
Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

+ sign 1331.958+/-0.000 χ^2/NDF : 76697117094463

All: 1318.066+/-0.000 χ^2/NDF : 15167335846

- sign 1304.419+/-0.000 χ^2/NDF : 74916446361161

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

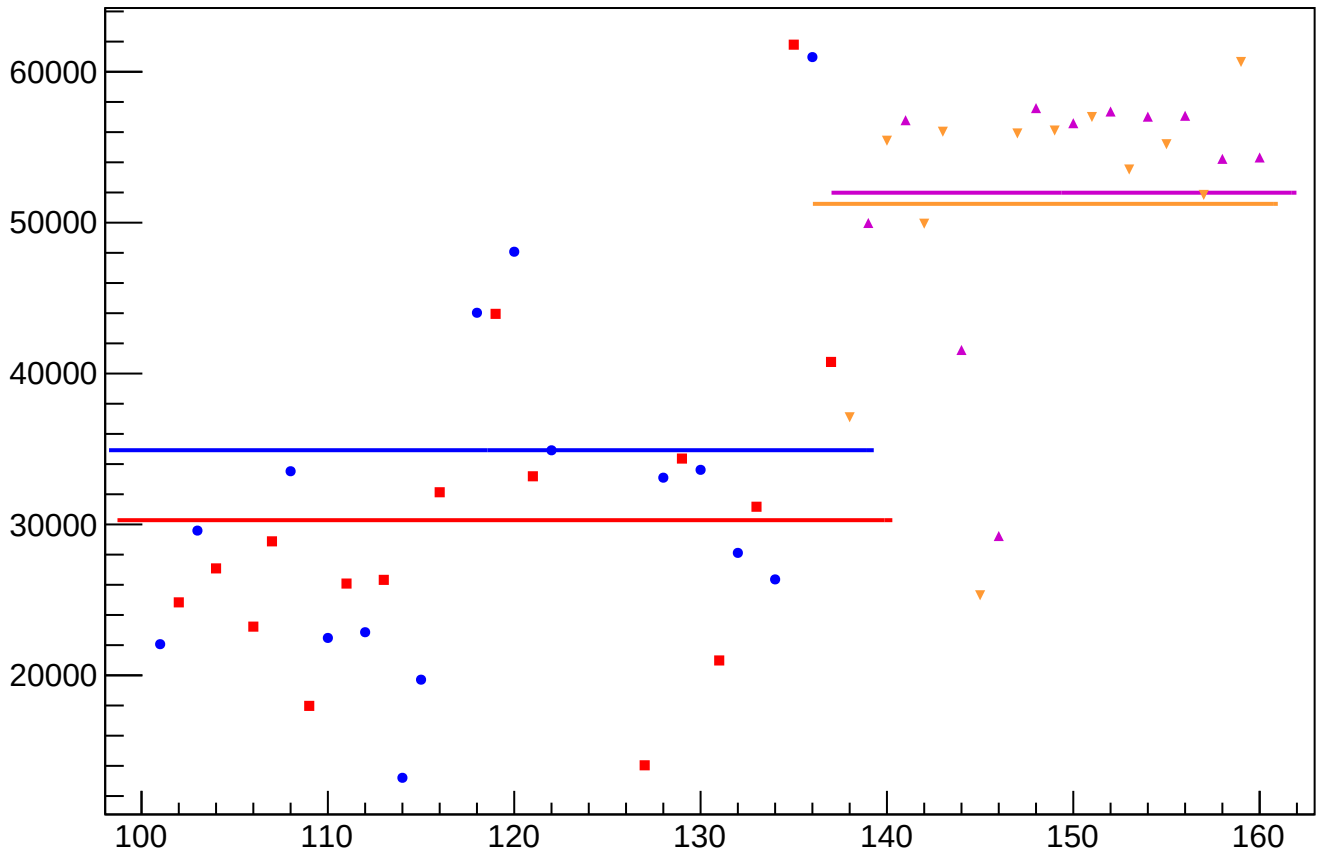
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

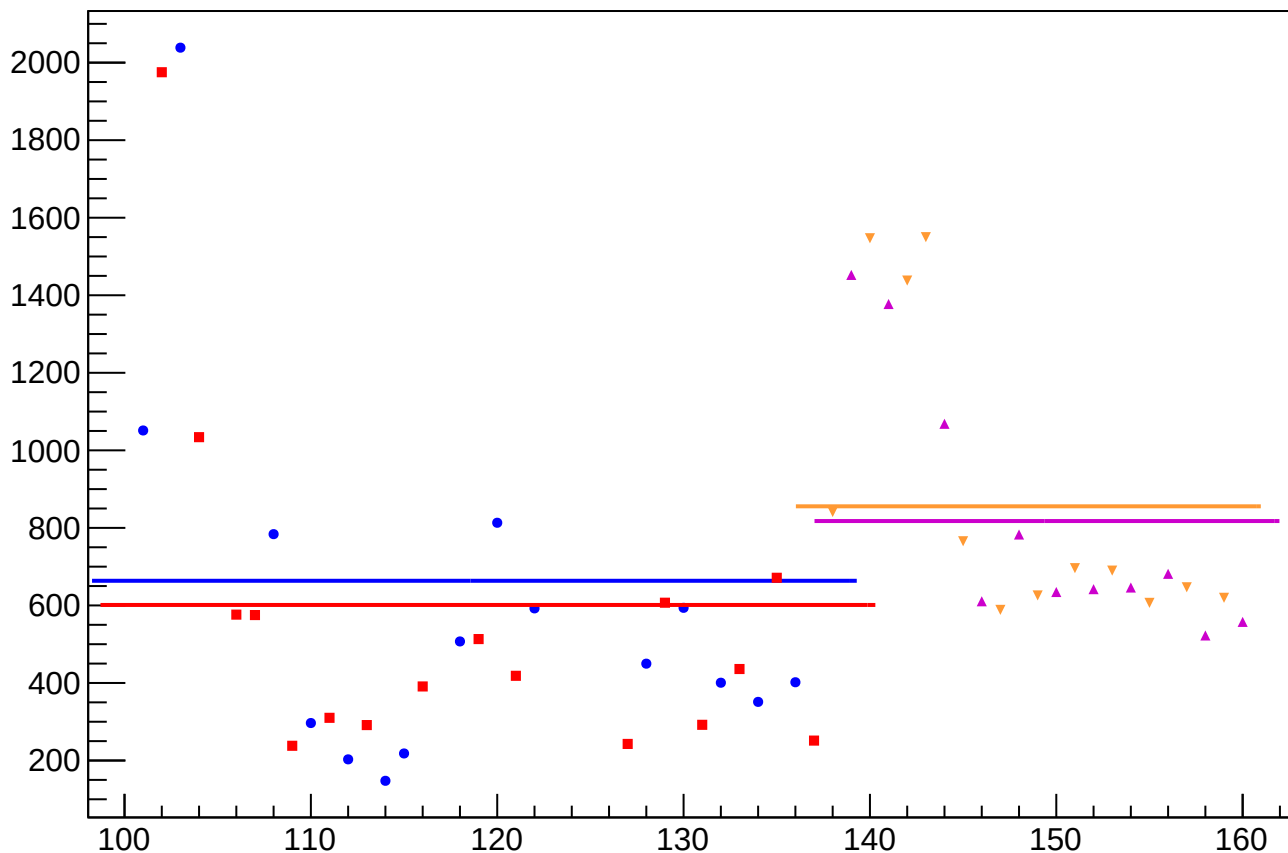
dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 51246.568+/-0.000	χ^2/NDF : 86168540614102445062046954668602534395904.0/11
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 51985.374+/-0.000	χ^2/NDF : 67172587579518863379504132116294676774912.0/10

+ sign 44467.216+/-0.000 χ^2/NDF : 2937224586407
 All: 43669.971+/-0.000 χ^2/NDF : 6336704207
 - sign 42886.756+/-0.000 χ^2/NDF : 3379785593938

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 855.627+/-0.000 χ^2/NDF : 114895226746628689144721696446463606784.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

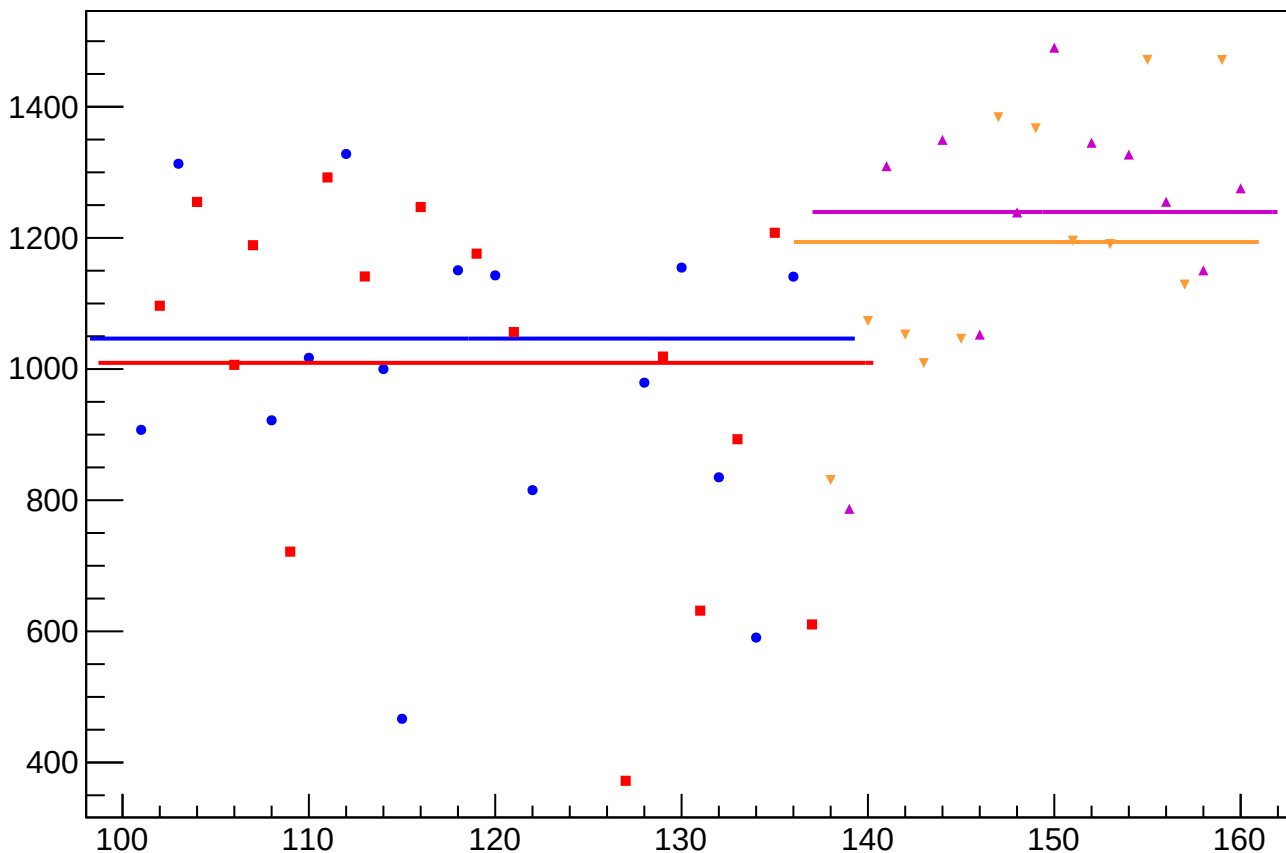
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



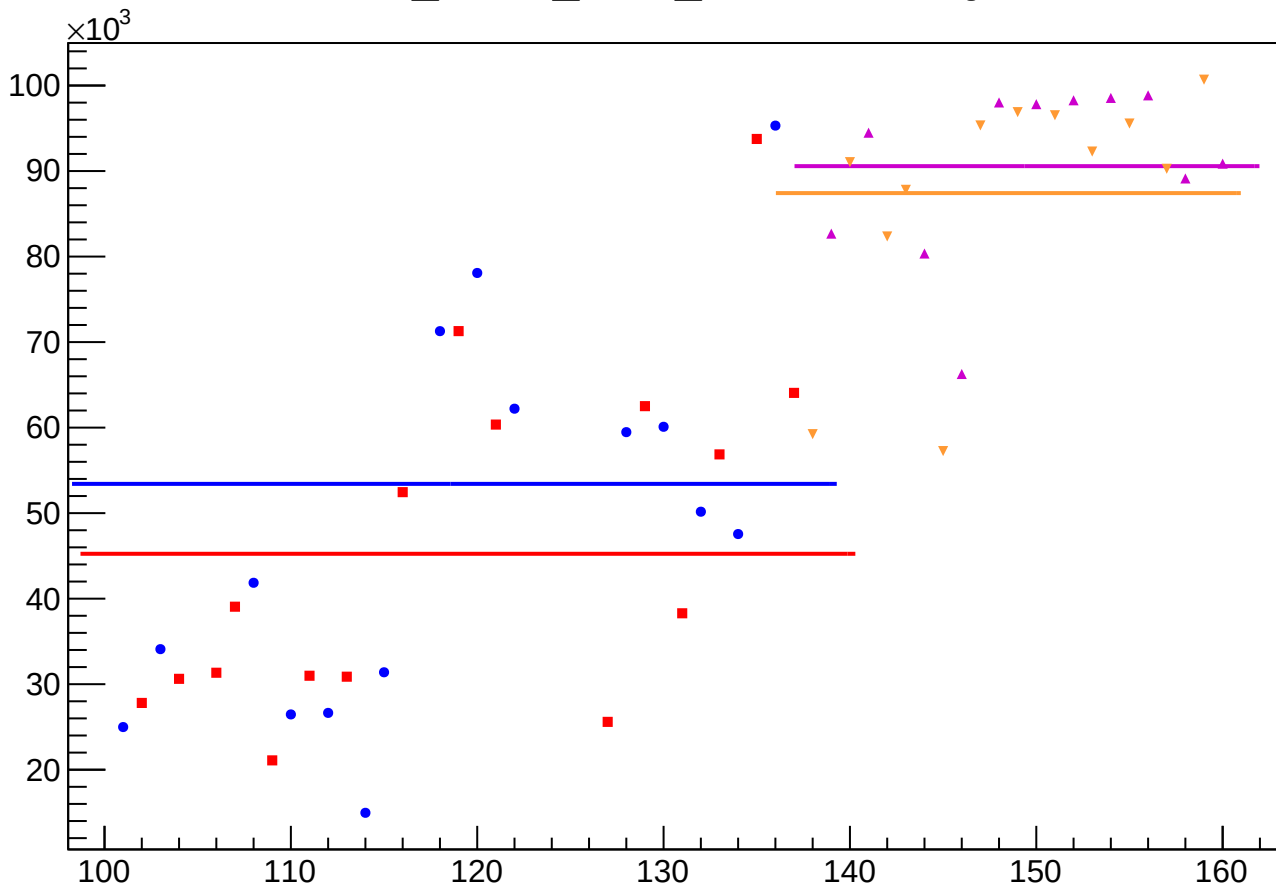
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

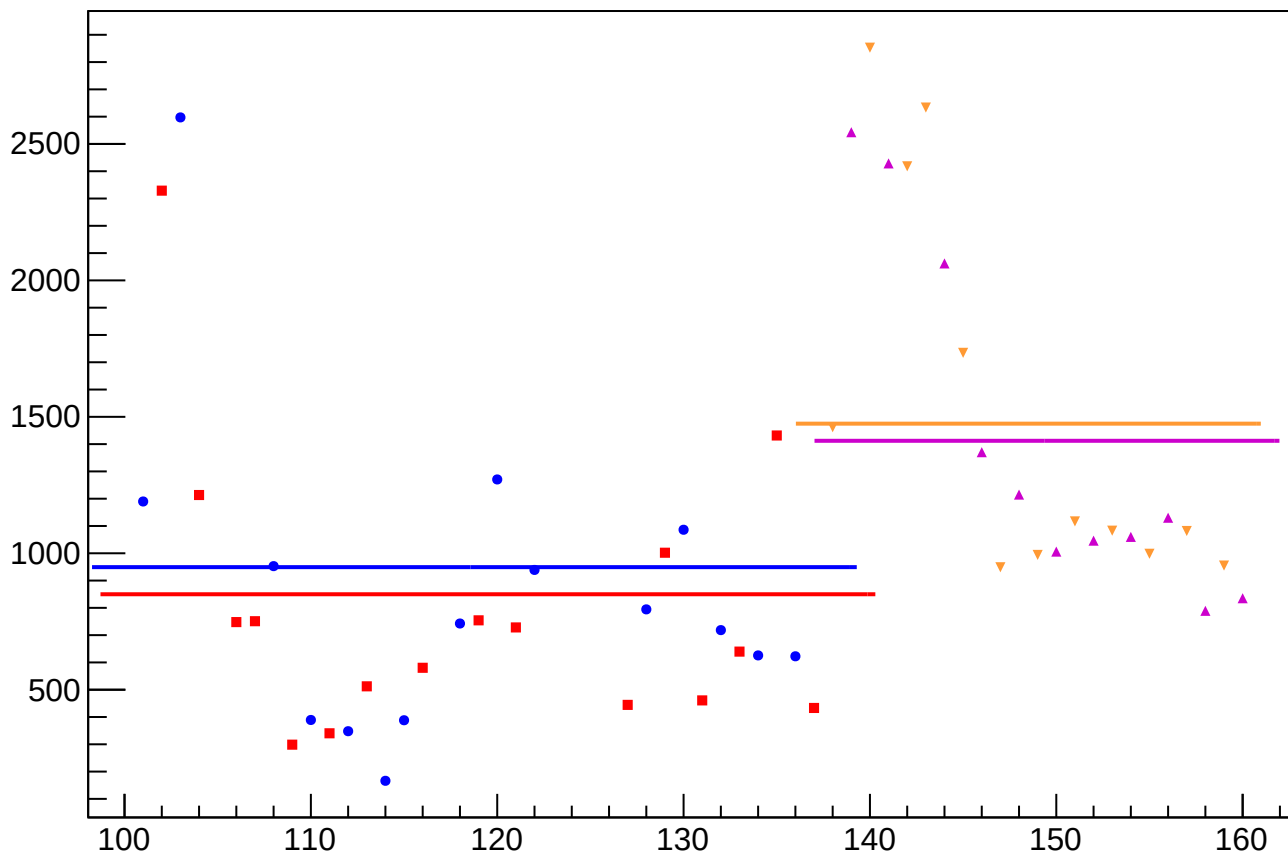
dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000	χ^2/NDF : 360635757315133800133751123167777346551808.0/14
Left Out: 87421.965+/-0.000	χ^2/NDF : 176009447933973172298765808269588074332160.0/11
Right Out: 45247.617+/-0.000	χ^2/NDF : 286060196488034430215784613374055547928576.0/15
Left In: 90573.760+/-0.000	χ^2/NDF : 90574081394354221593949262312406685581312.0/10

+ sign 73304.445+/-0.000 χ^2/NDF : 9753549747664
 All: 72430.299+/-0.000 χ^2/NDF : 2150195804
 - sign 71571.537+/-0.000 χ^2/NDF : 1172473175377

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1474.996+/-0.000 χ^2/NDF : 407776279141254062636078508853738602496.0/11

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

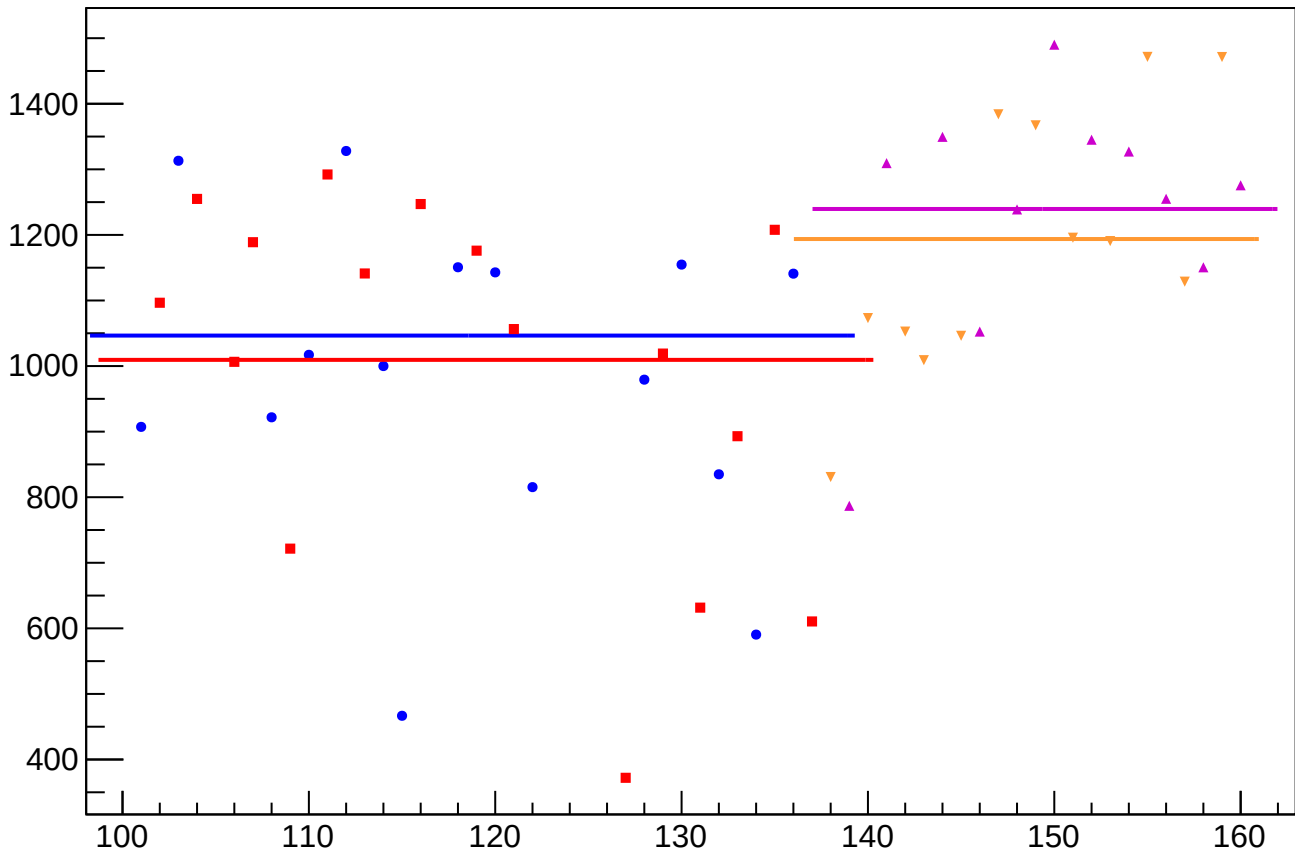
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210

All: 1216.192+/-0.000 χ^2/NDF : 14031243171

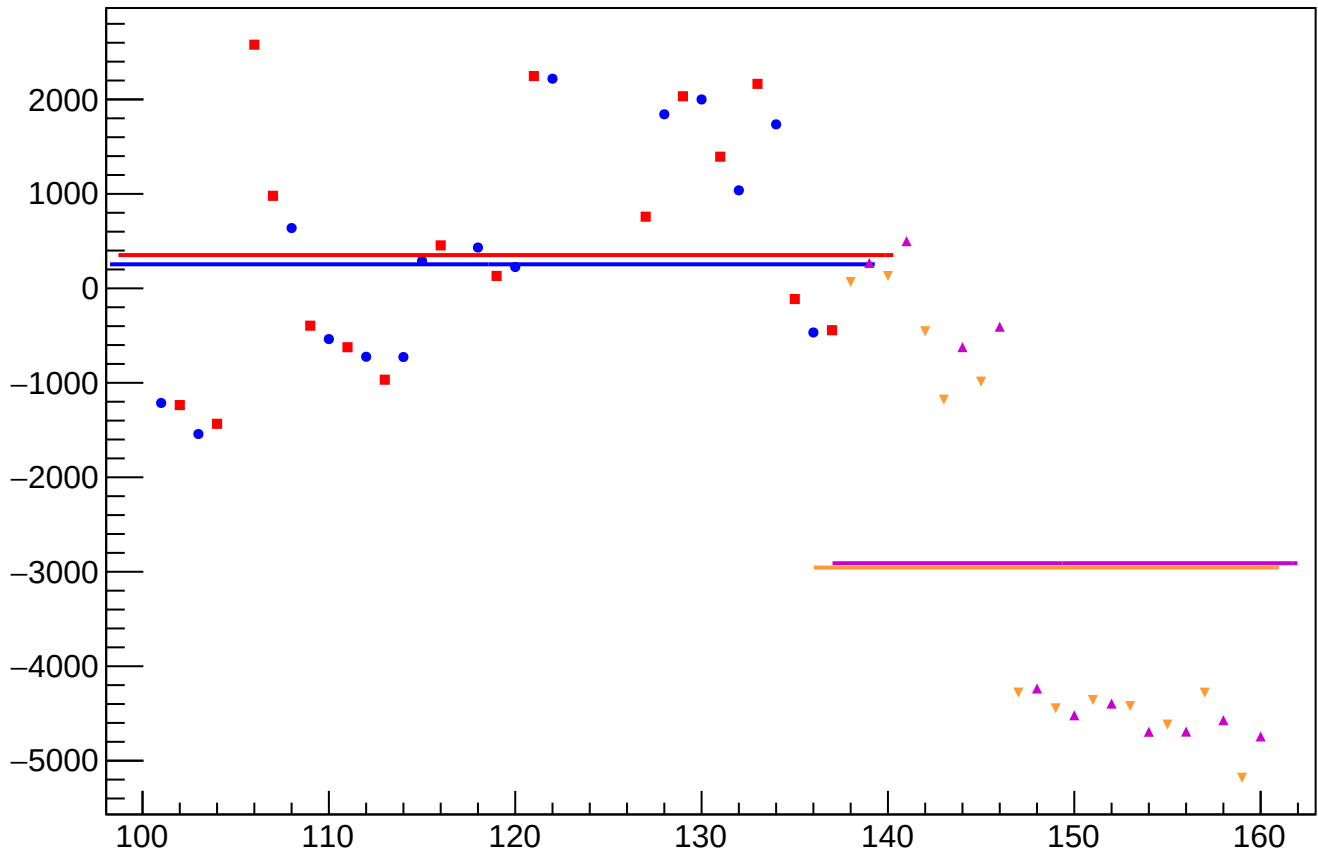
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



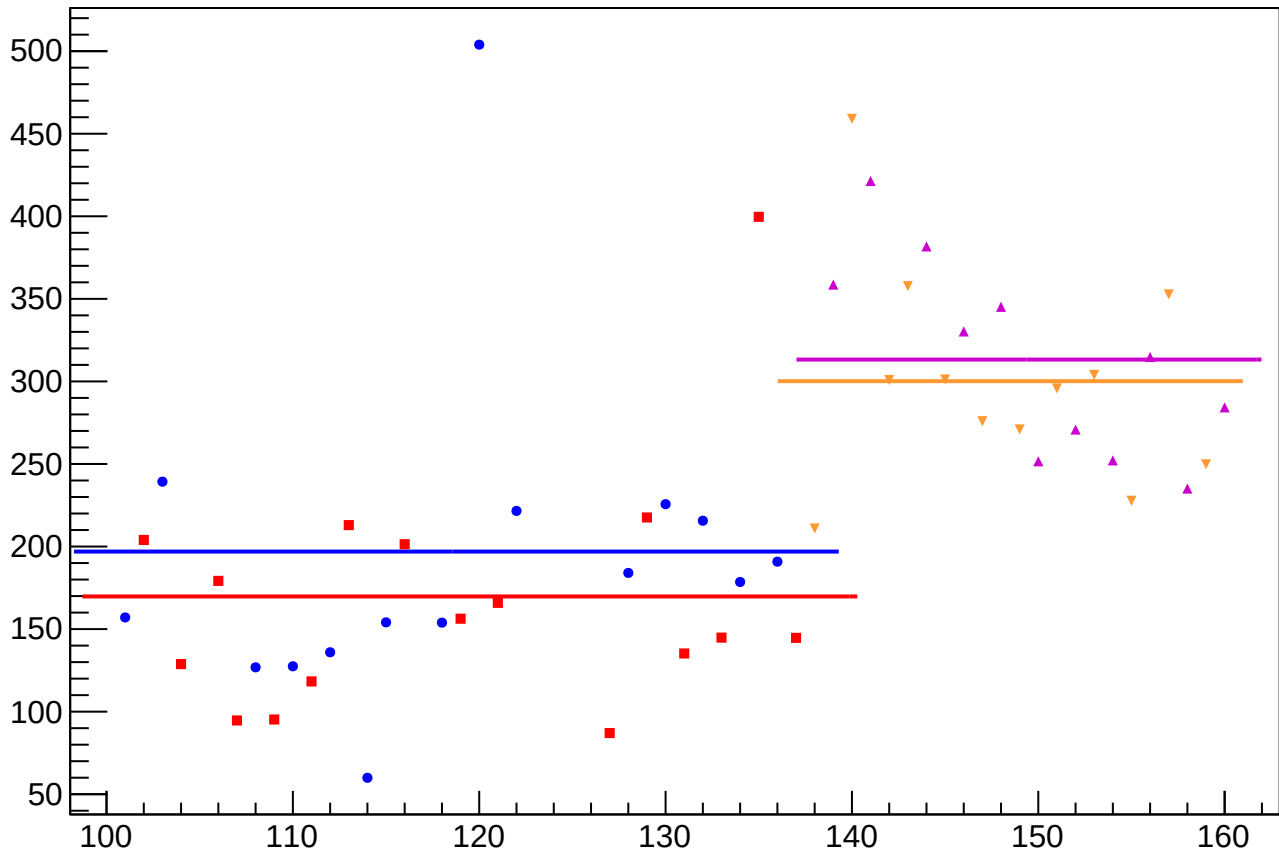
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



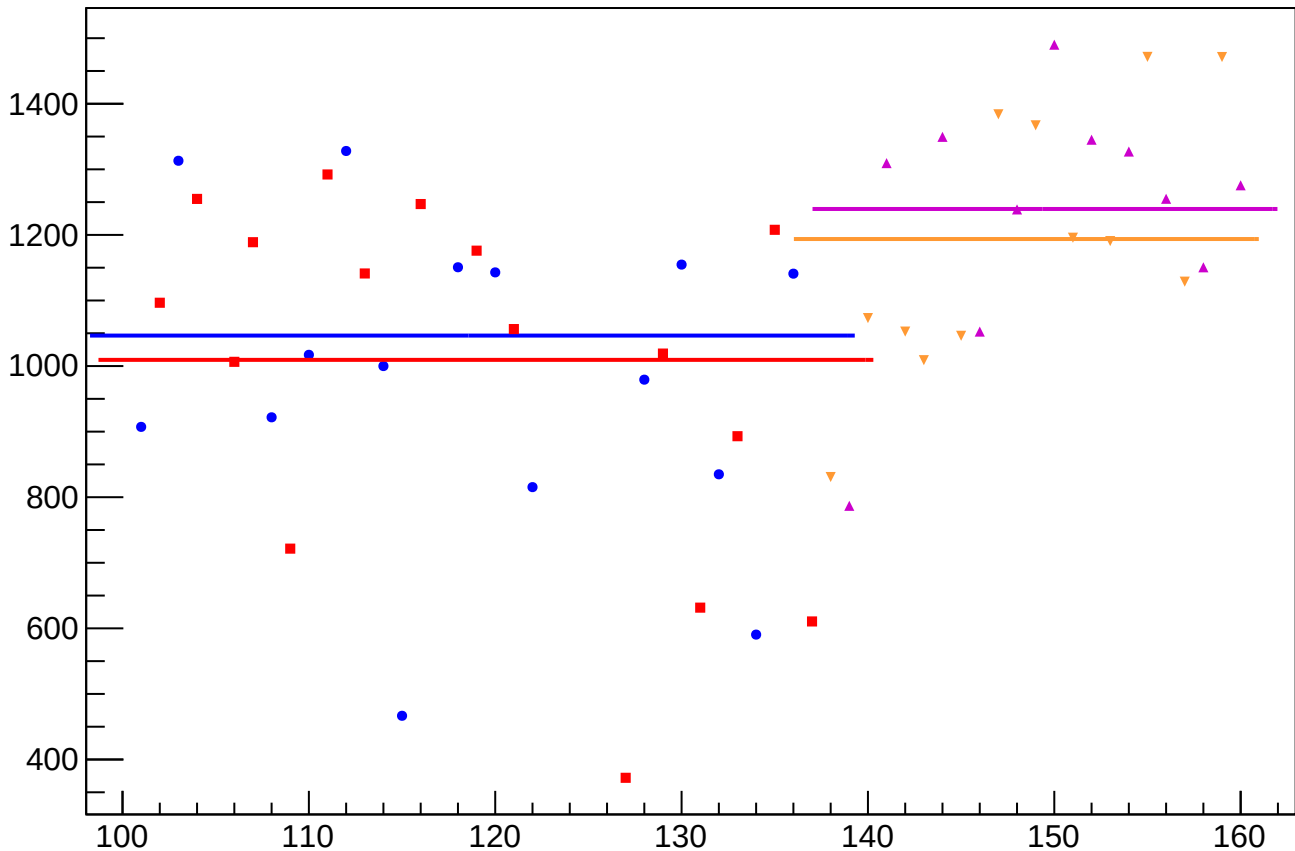
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997+/-0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



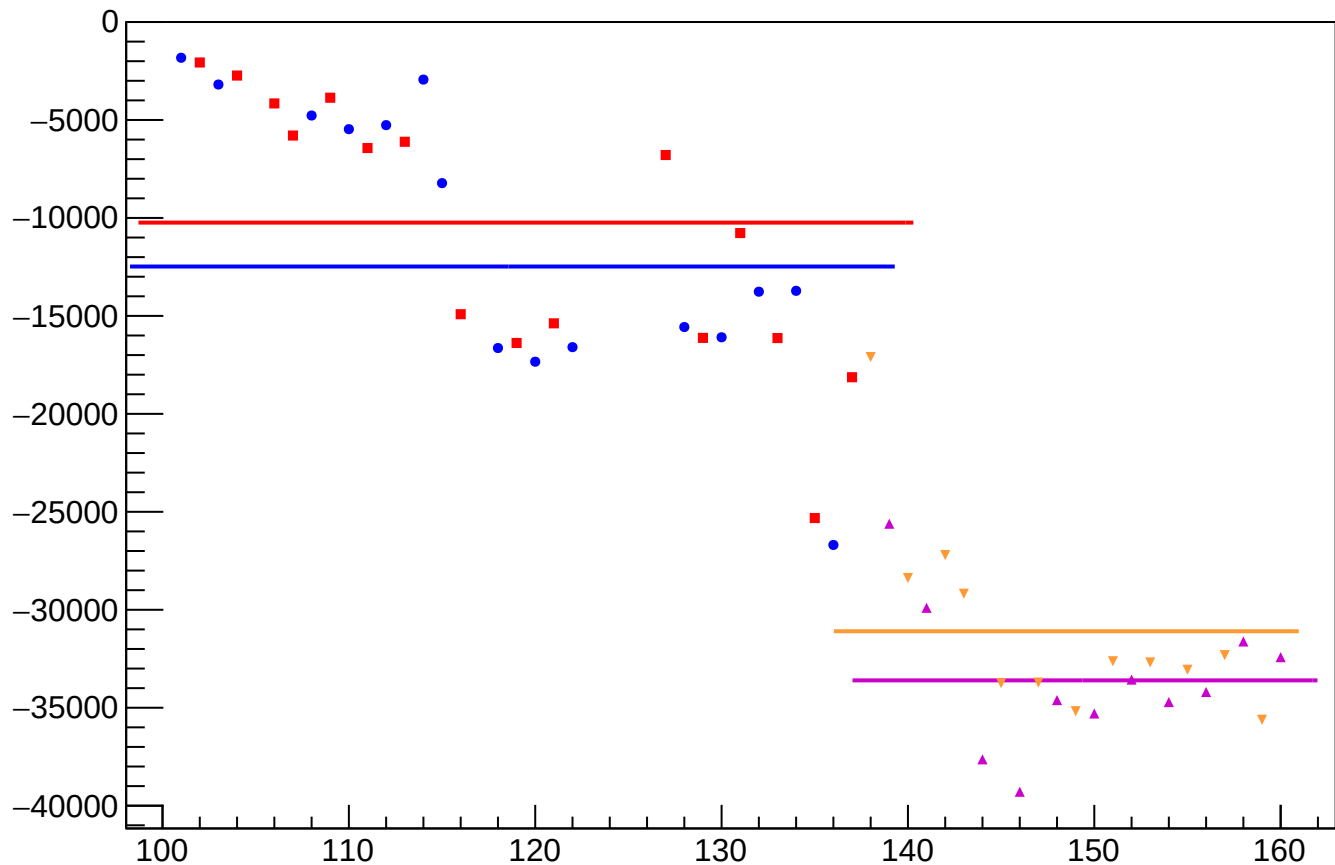
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.303+/-0.000	χ^2/NDF : 124000774019819
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11	All: 255.177+/-0.000	χ^2/NDF : 273569793225
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 253.089+/-0.000	χ^2/NDF : 149429007533601
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10		

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



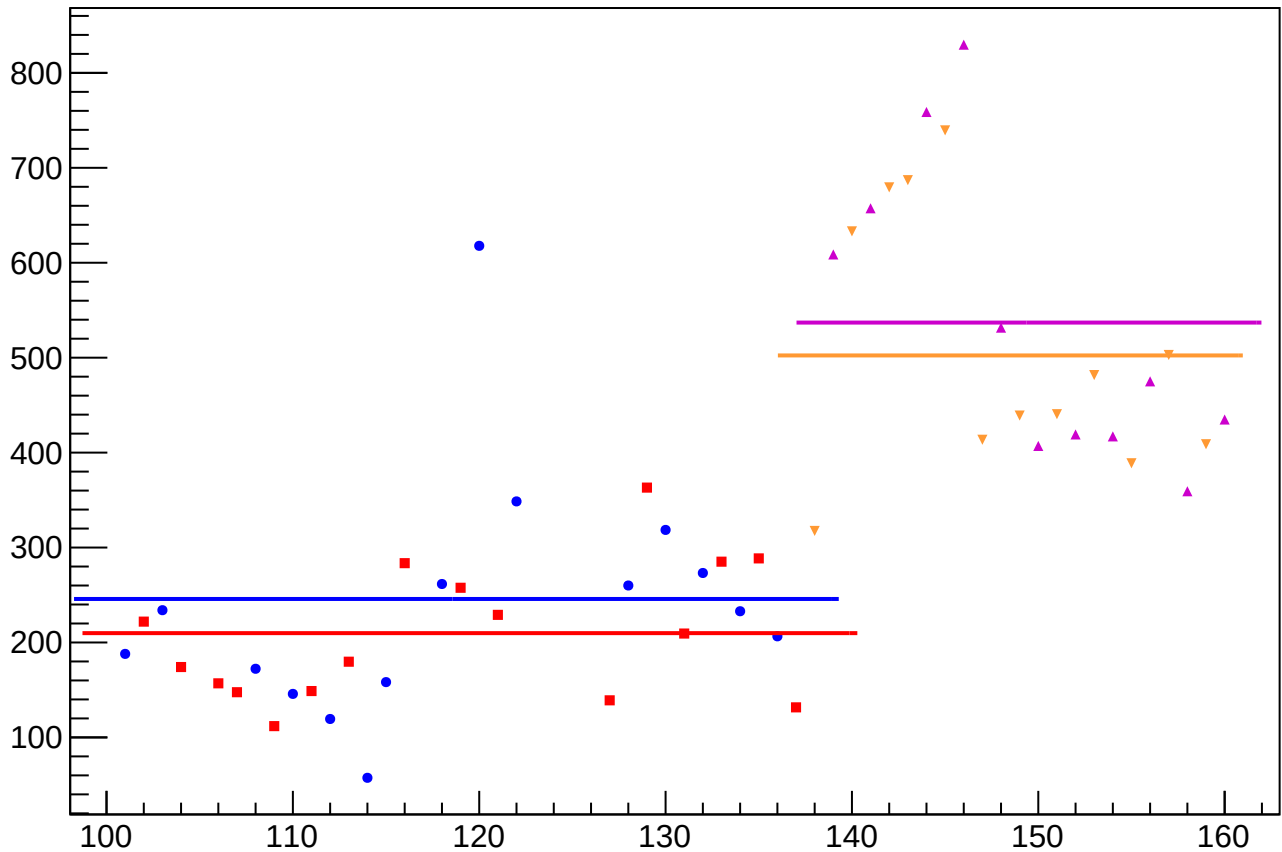
Right In: -12479.653+/-0.000	χ^2/NDF : 41178633231253805317353333973475271901184.0/14
Left Out: -31096.364+/-0.000	χ^2/NDF : 21759430970673179273891990313759368282112.0/11
Right Out: -10238.098+/-0.000	χ^2/NDF : 31227861126159534031961501923223718068224.0/15
Left In: -33603.125+/-0.000	χ^2/NDF : 11377877741280377988076632069746943066112.0/10

+ sign -23366.201+/-0.000 χ^2/NDF : 194472008437

All: -23588.925+/-0.000 χ^2/NDF : 448707023

- sign -23807.730+/-0.000 χ^2/NDF : 2540813105175

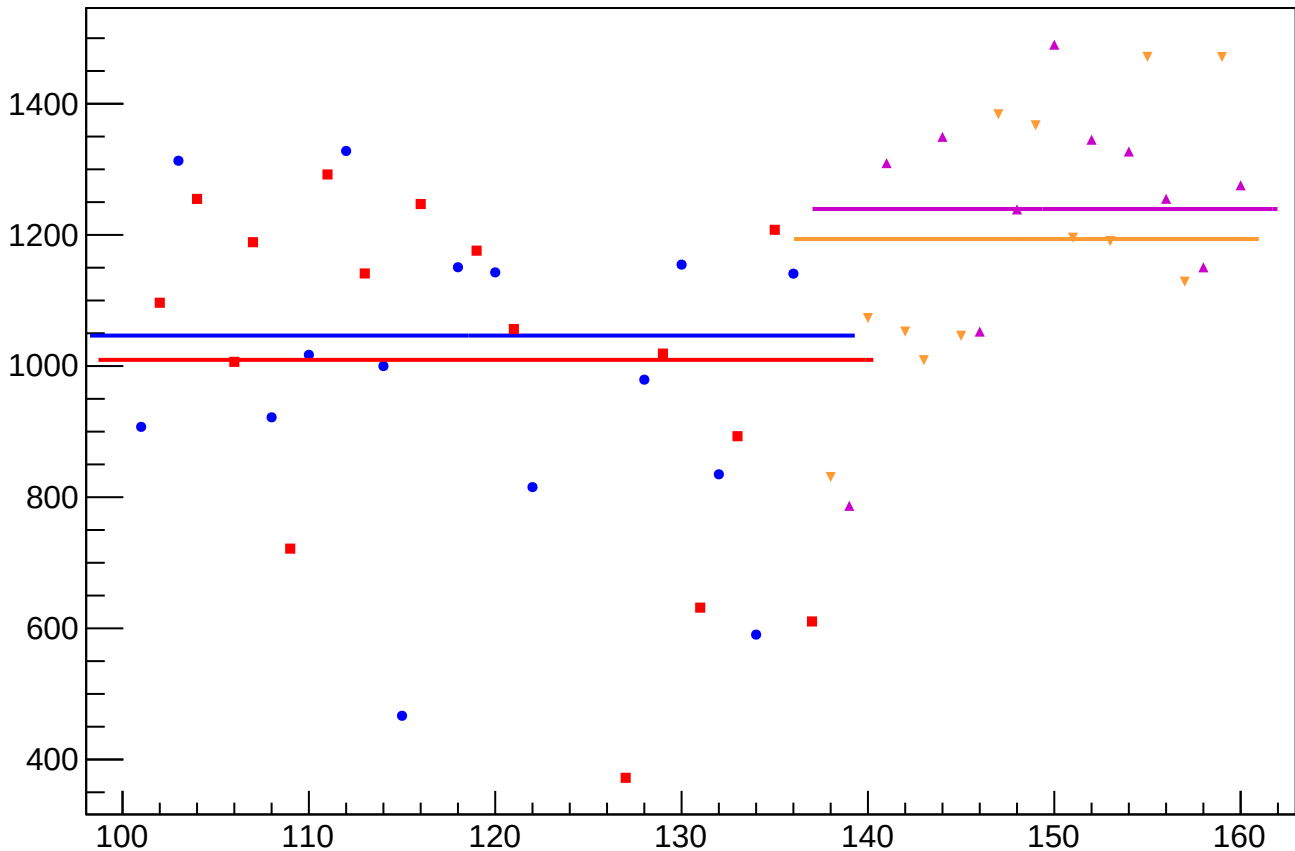
dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15
Left In: 536.975+/-0.000	χ^2/NDF : 20803022486400810956958367719555596288.0/10

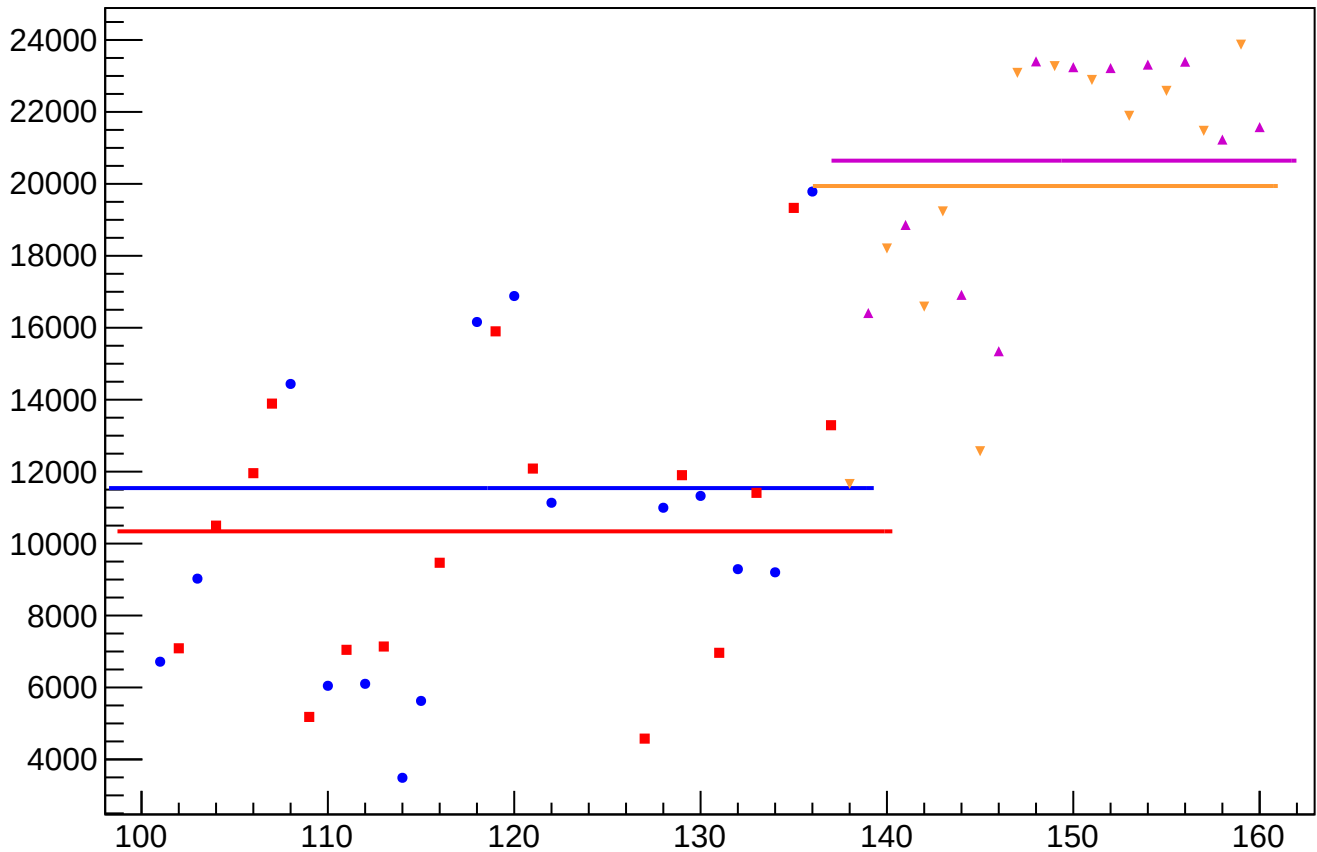
+ sign 395.846+/-0.000 χ^2/NDF : 479955291741577
 All: 397.856+/-0.000 χ^2/NDF : 11339404452
 - sign 399.831+/-0.000 χ^2/NDF : 653859962401754

dit_sam6_coil1_Ndata_mean vs Slug



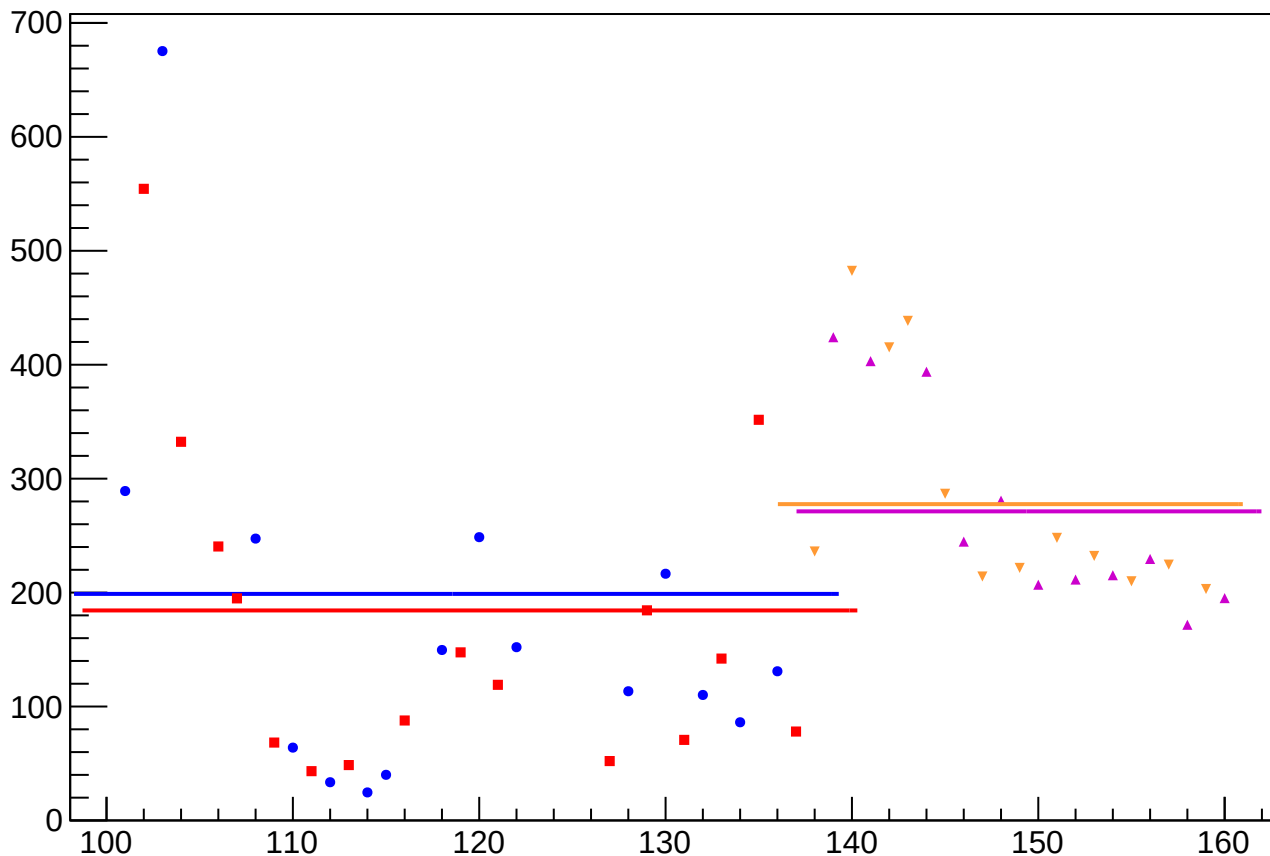
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19940.398+/-0.000 χ^2/NDF : 15069486743345866506868658008400293003264.0/11
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 20645.358+/-0.000 χ^2/NDF : 8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug



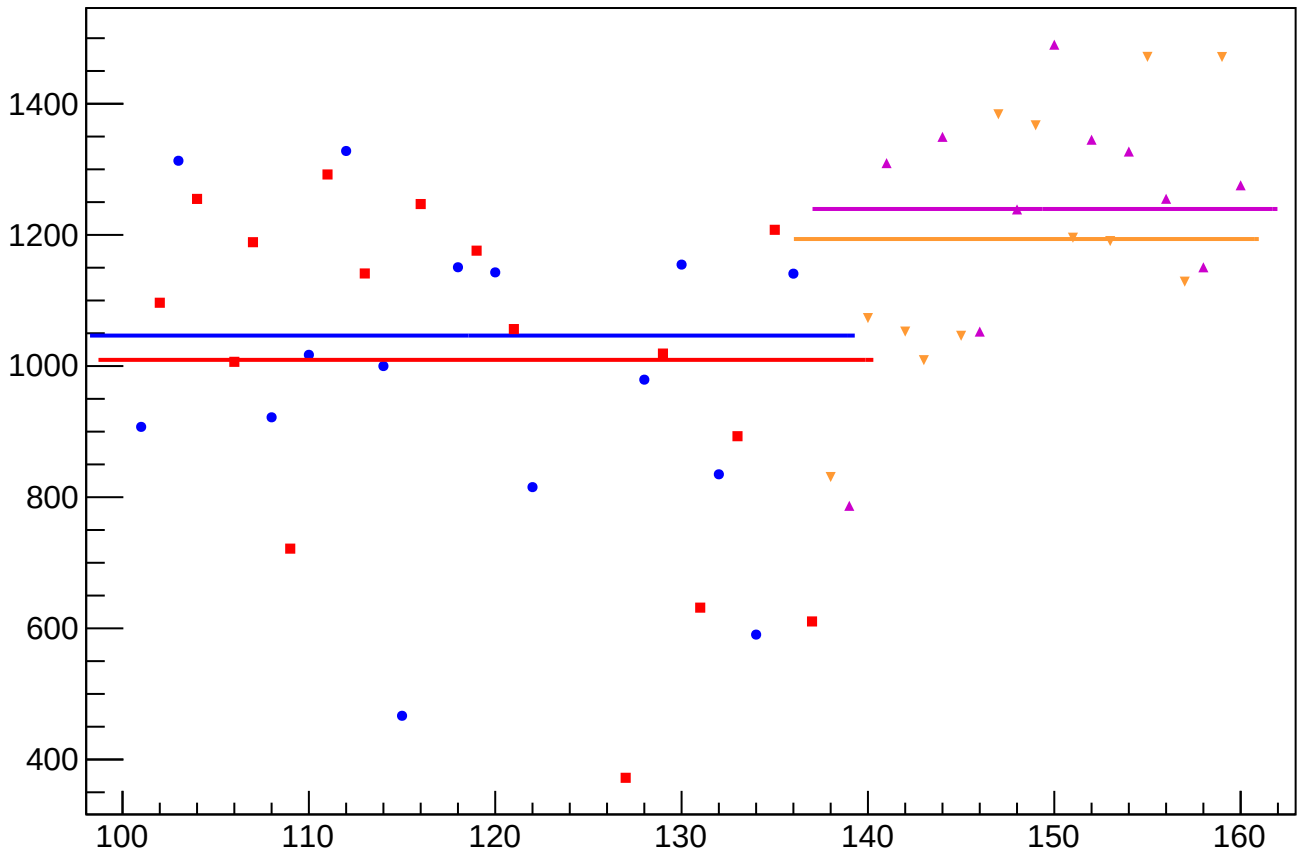
Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 277.638+/-0.000 χ^2/NDF : 8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

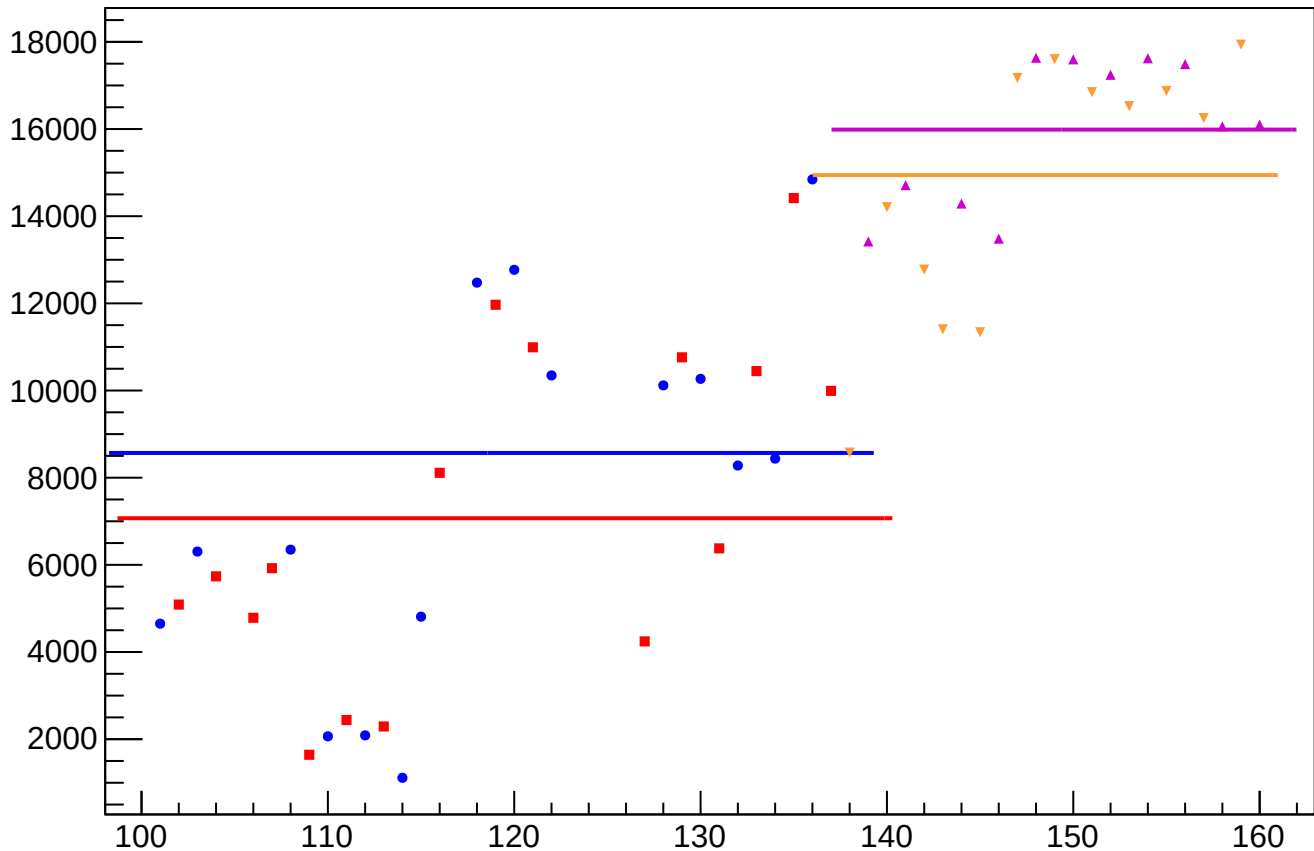
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

dit_sam7_coil1_Ndata_mean vs Slug



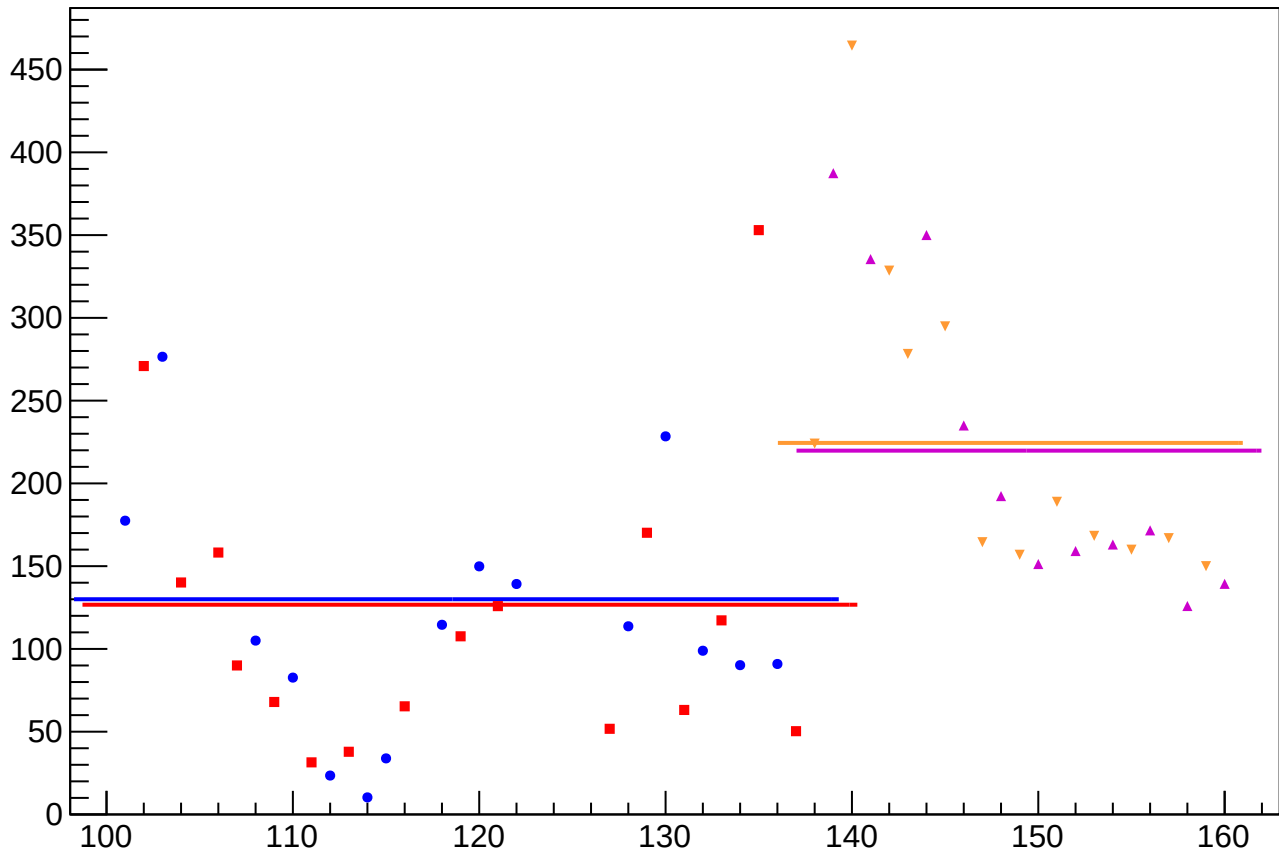
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



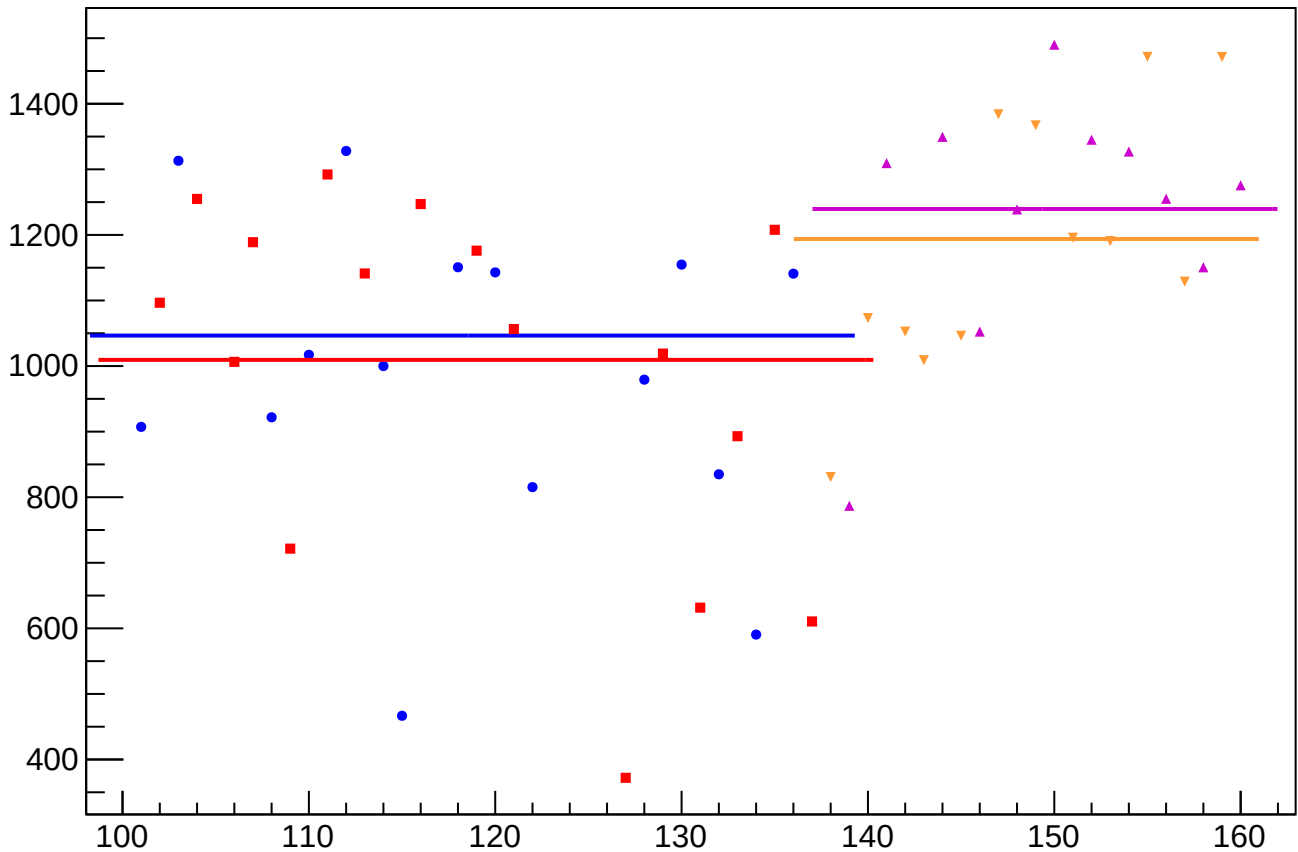
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



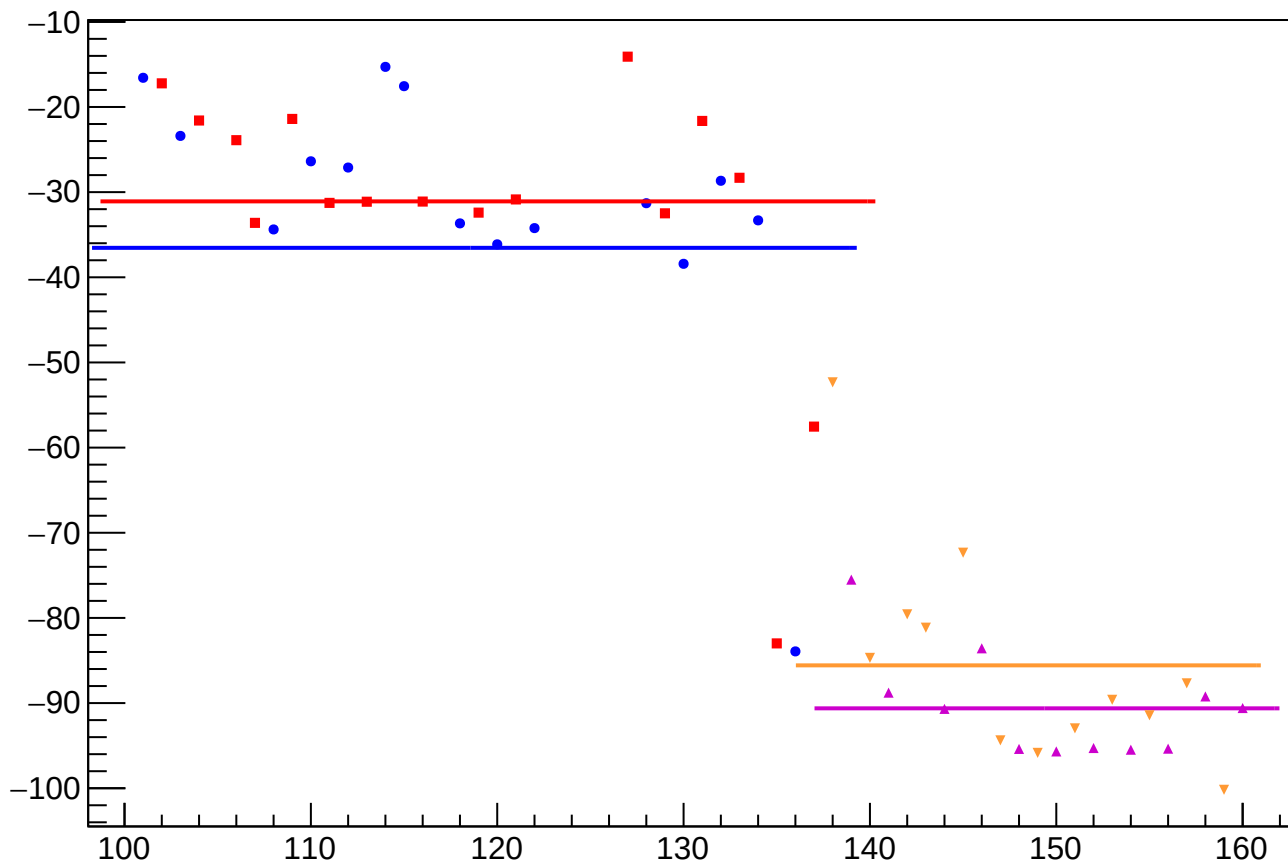
Right In: 130.021+/-0.000	χ^2/NDF : 3115259987552341725946418665378283520.0/14	+ sign 185.245+/-0.000	χ^2/NDF : 143703436446713
Left Out: 224.458+/-0.000	χ^2/NDF : 7870394140048491055430374232164401152.0/11	All: 182.985+/-0.000	χ^2/NDF : 30557896618
Right Out: 126.709+/-0.000	χ^2/NDF : 5397122581297664561308621600668516352.0/15	- sign 180.765+/-0.000	χ^2/NDF : 161717315752514
Left In: 219.787+/-0.000	χ^2/NDF : 7418609629454172879787970620999860224.0/10		

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -85.570+/-0.000 χ^2/NDF : 143557776257547990865591640732467200.0/11

Right Out: -31.085+/-0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

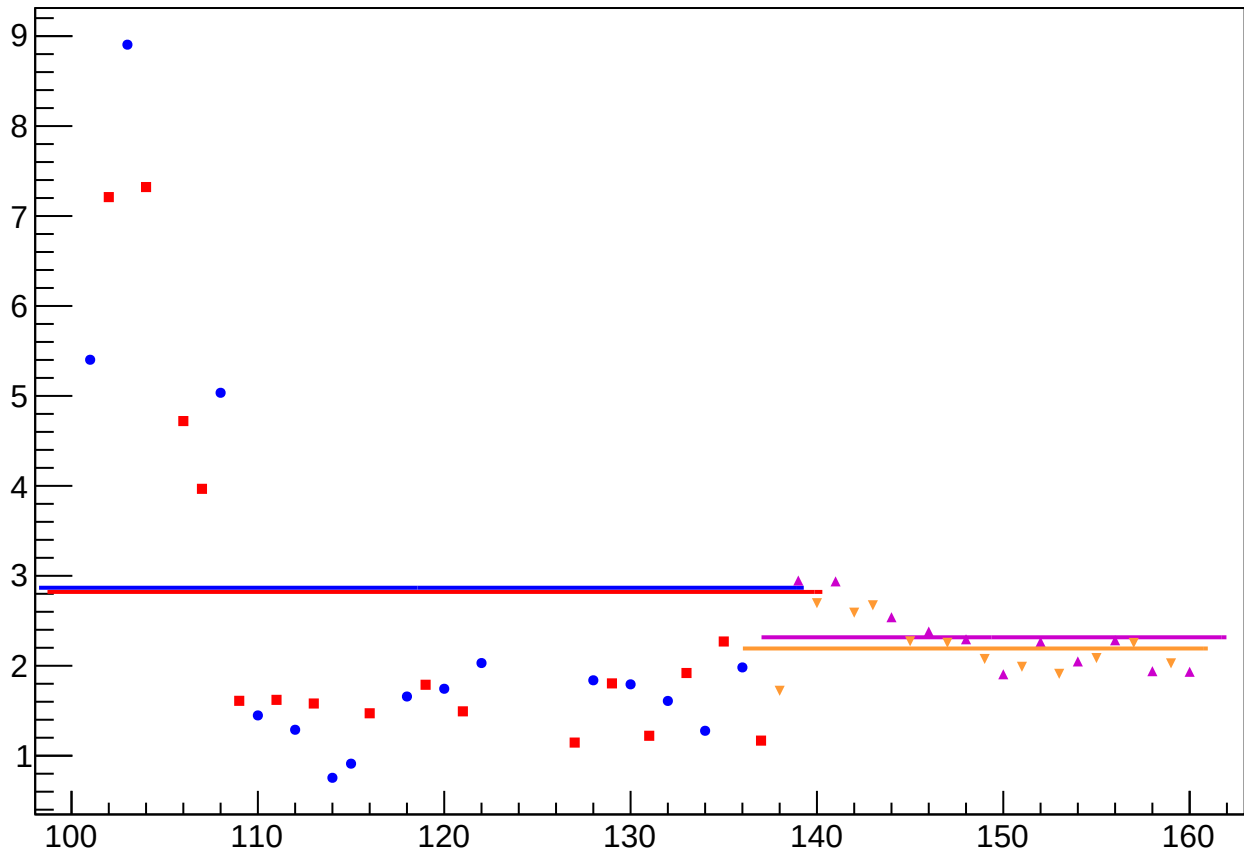
Left In: -90.618+/-0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212+/-0.000 χ^2/NDF : 131026728865009

All: -65.438+/-0.000 χ^2/NDF : 289770508585

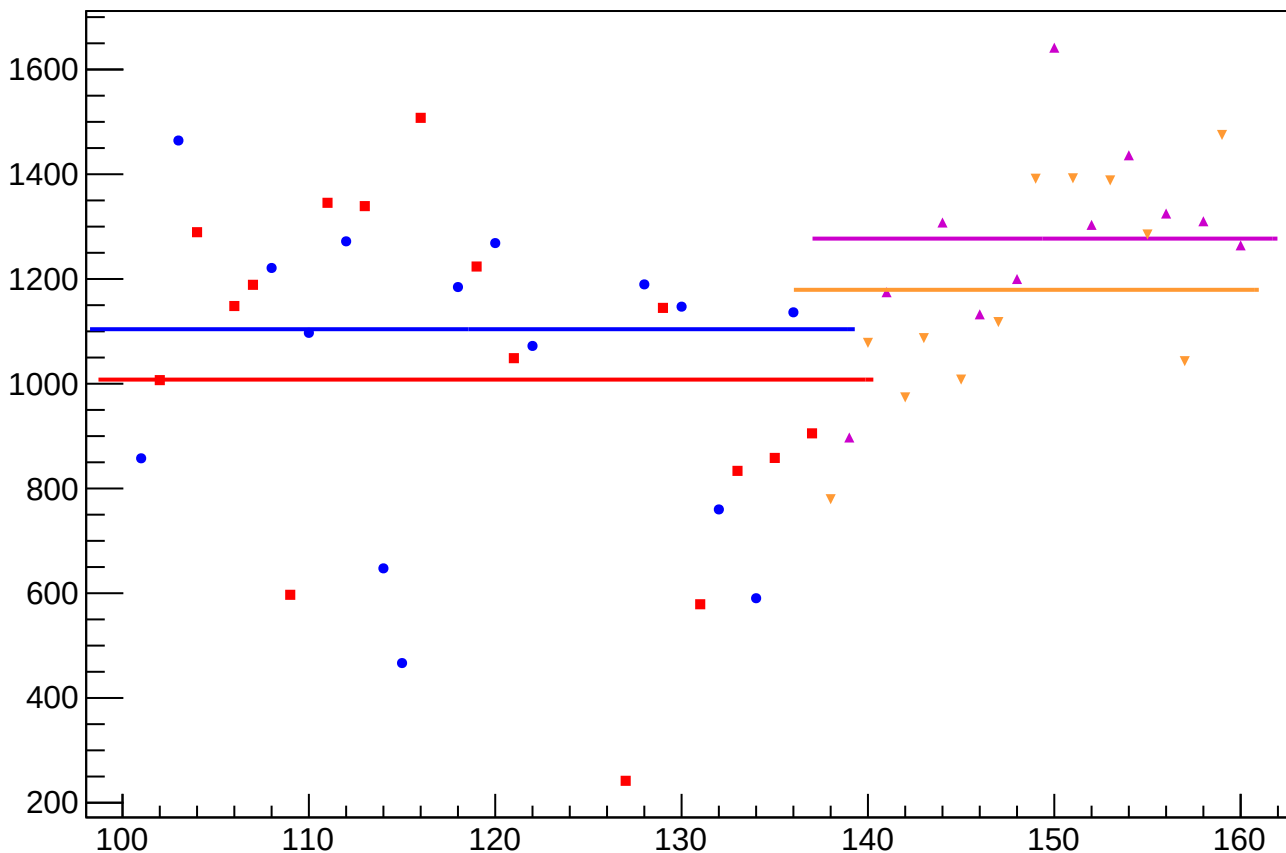
- sign -65.660+/-0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 +/- 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.192 +/- 0.000 χ^2/NDF : 76043906789141561084580015898624.0/11
 Right Out: 2.821 +/- 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.317 +/- 0.000 χ^2/NDF : 114372564725079889099013285216256.0/10

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

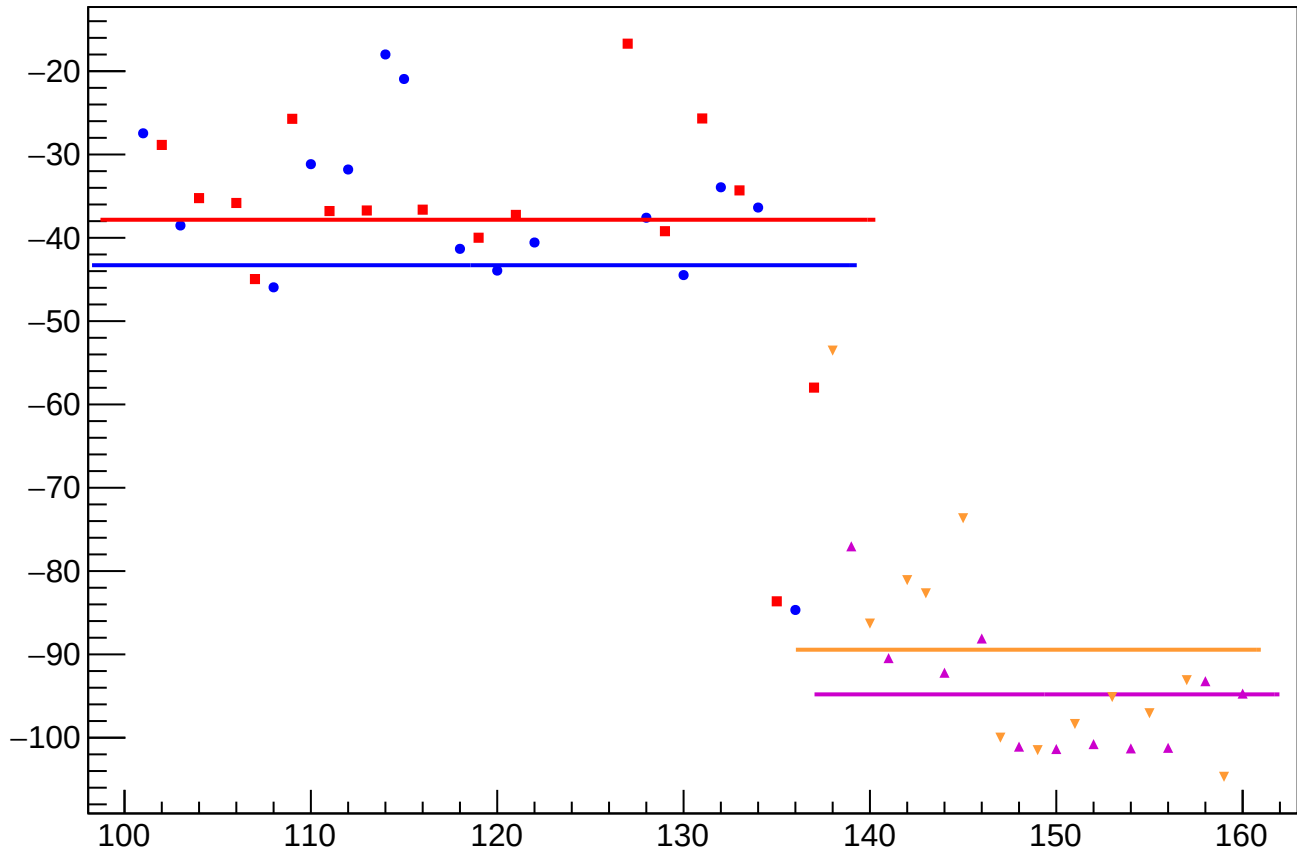
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

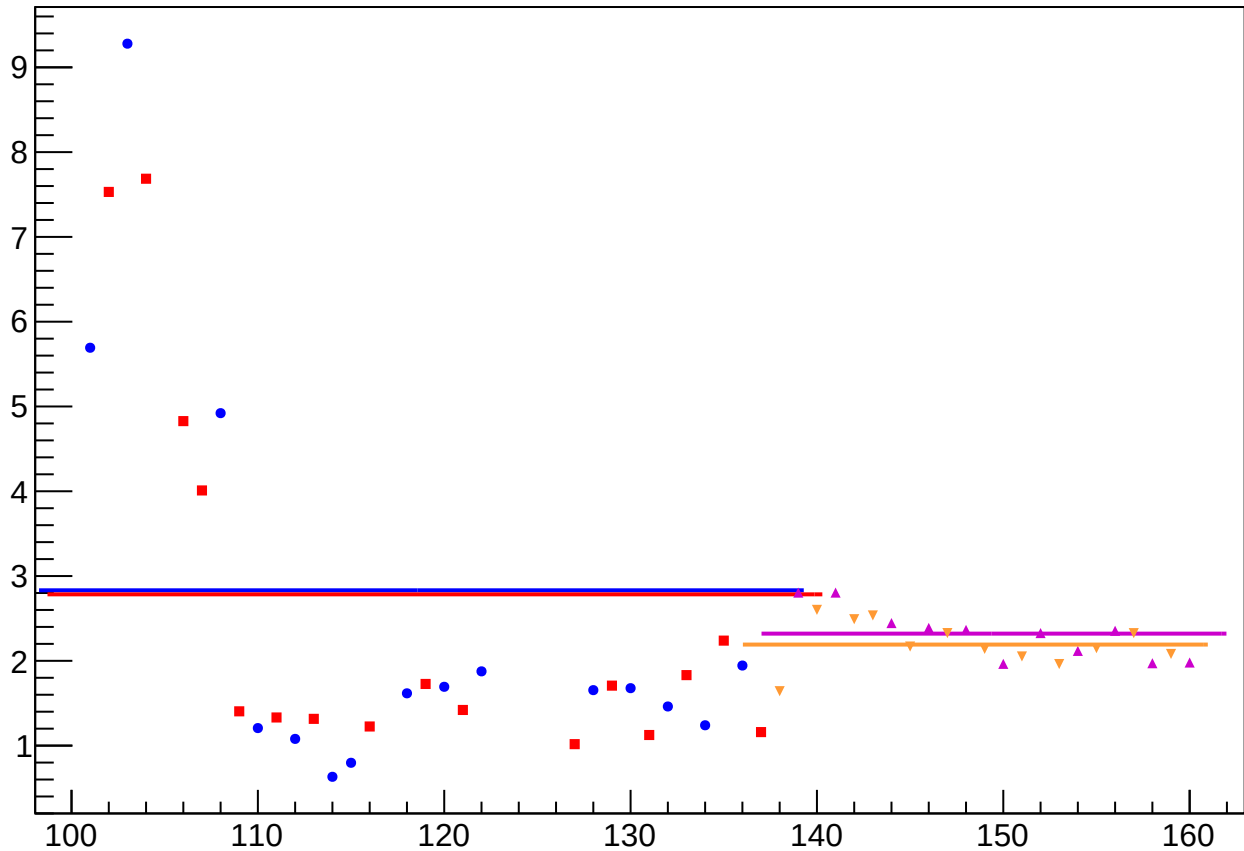
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



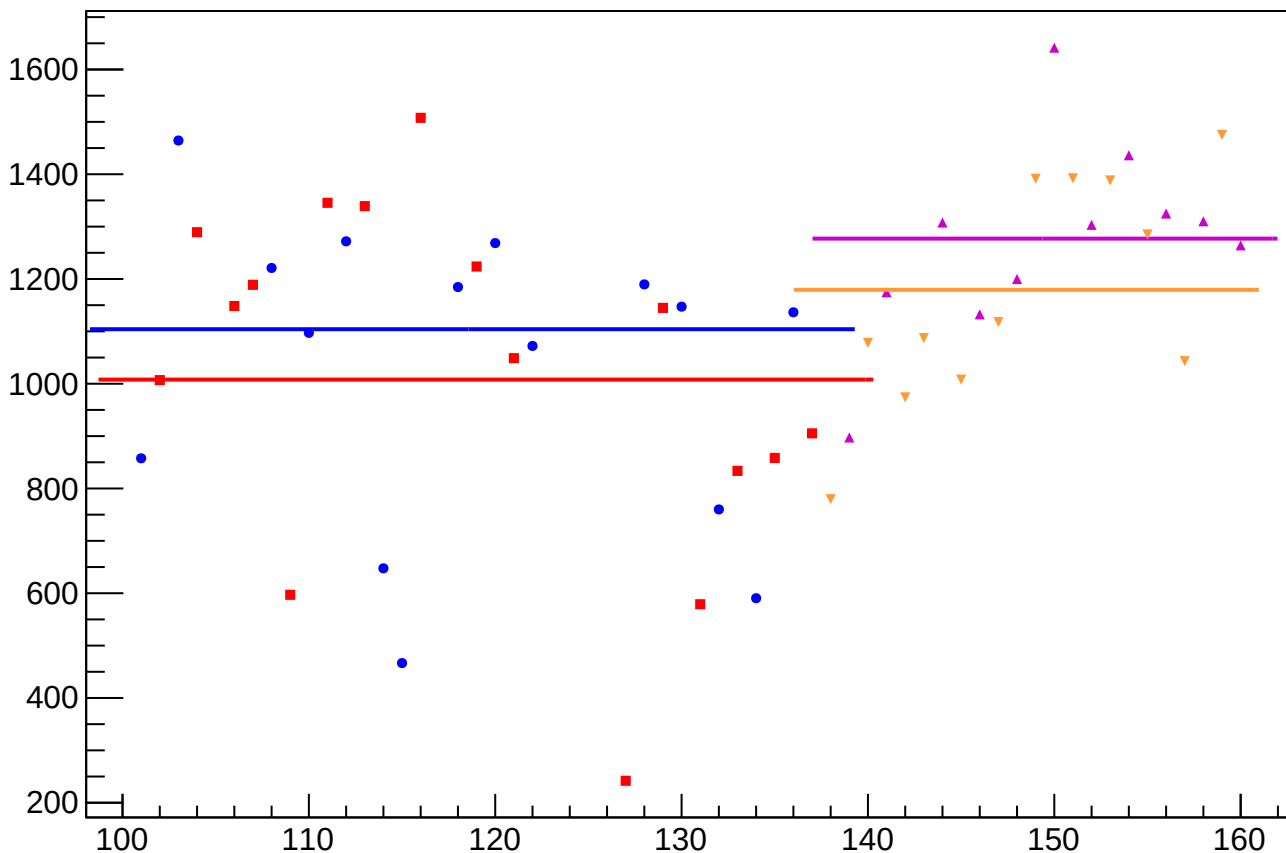
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 ± 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.192 ± 0.000 χ^2/NDF : 59601559247415008947816525463552.0/11
 Right Out: 2.784 ± 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.321 ± 0.000 χ^2/NDF : 74619123224616324544404505231360.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

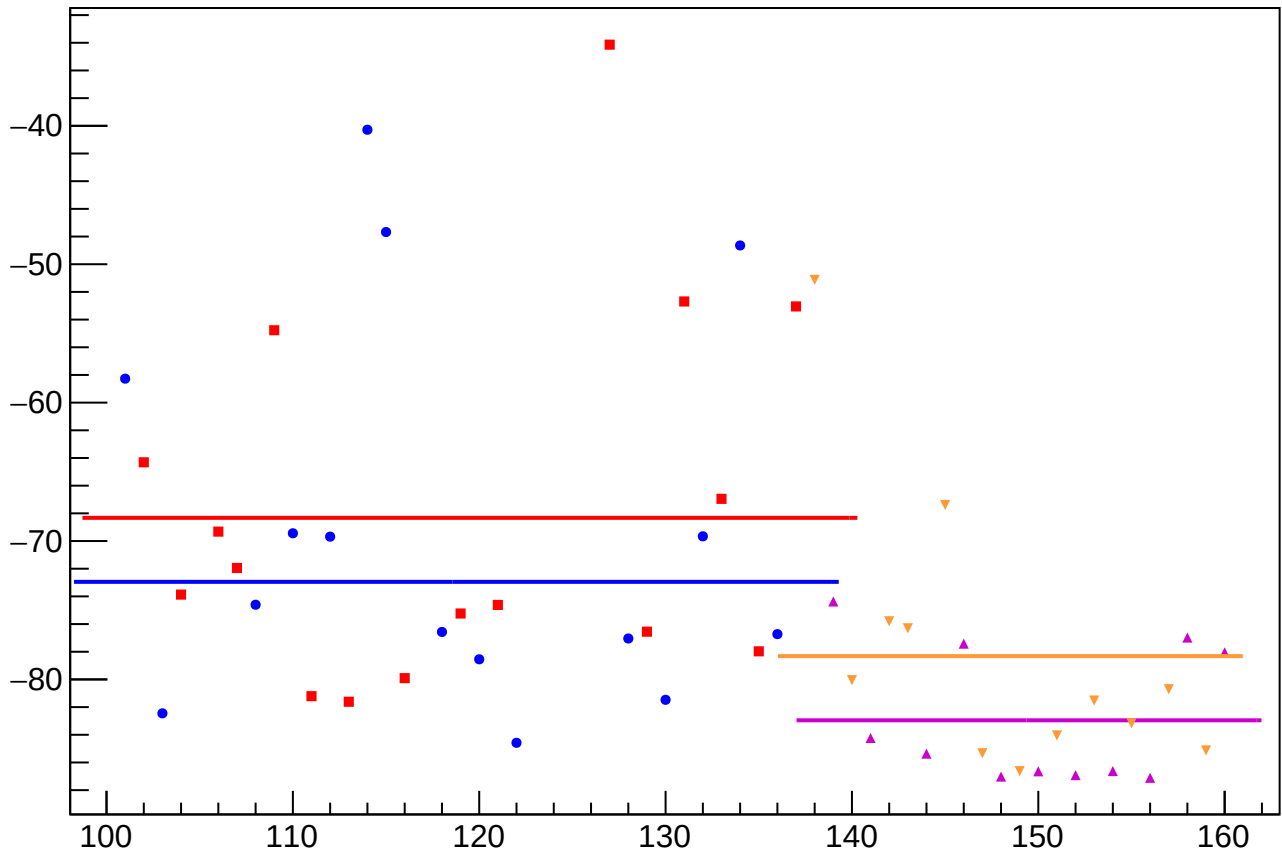
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

Left Out: -78.317+/-0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11

Right Out: -68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

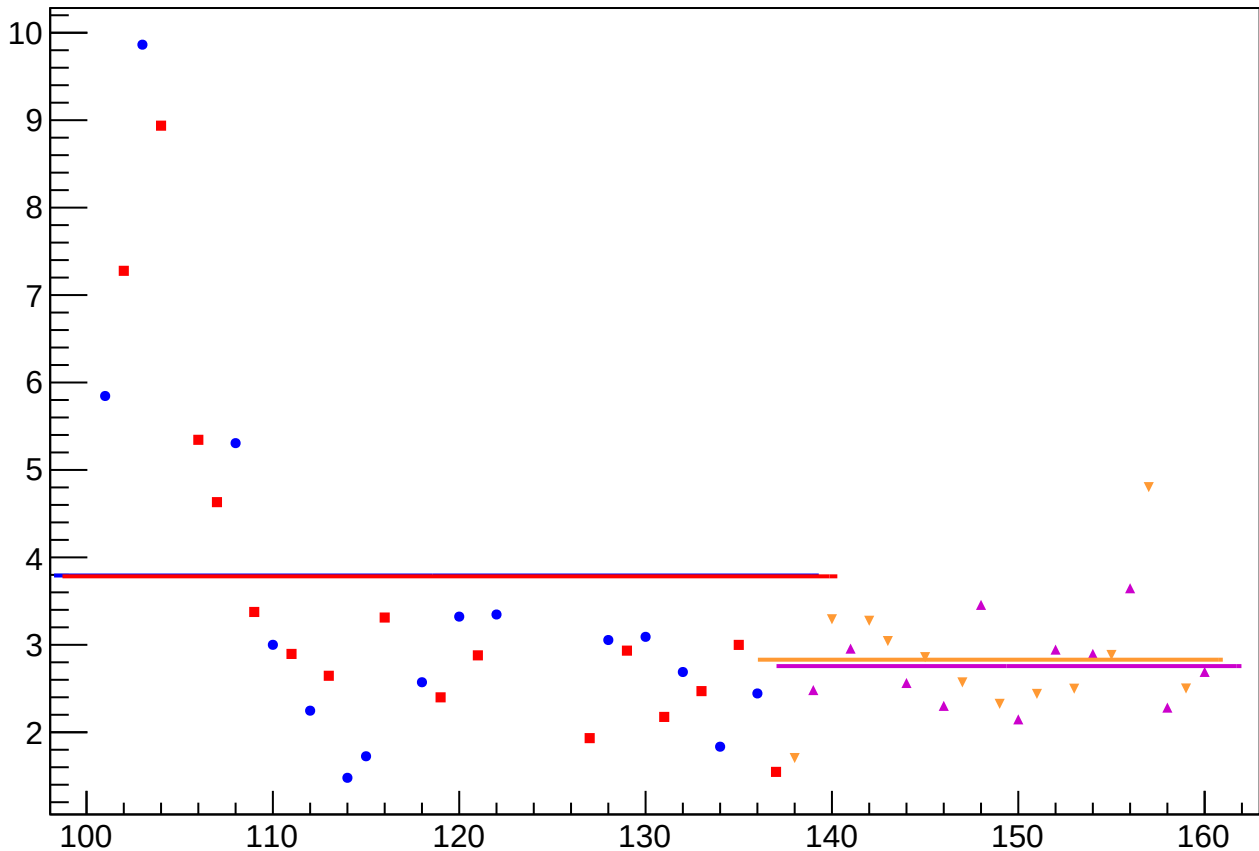
Left In: -82.954+/-0.000 χ^2/NDF : 20419157774877297849205303170564096.0/10

+ sign -76.088+/-0.000 χ^2/NDF : 163548804335171

All: -76.457+/-0.000 χ^2/NDF : 374001309343

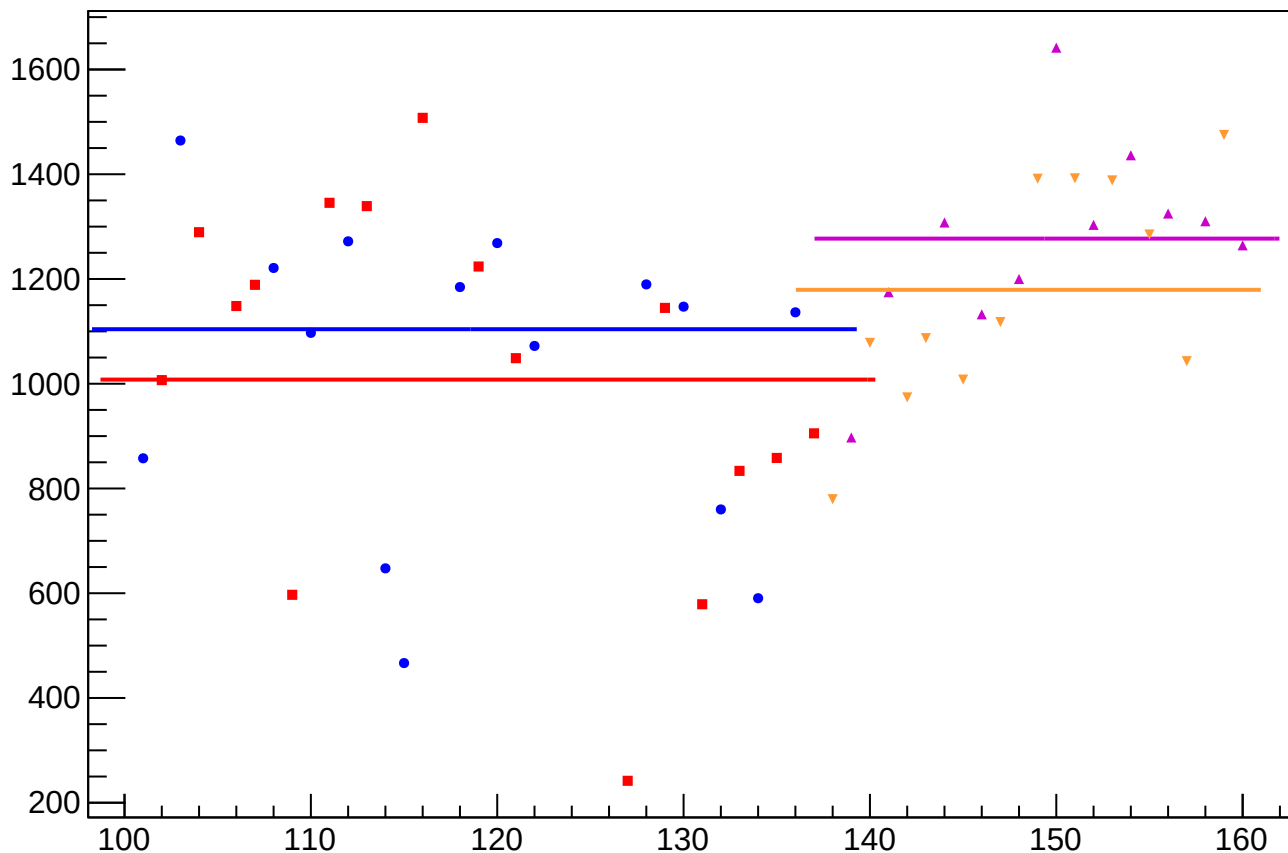
- sign -76.820+/-0.000 χ^2/NDF : 2100293287177657

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.830+/-0.000 χ^2/NDF : 492749026028838907947829621161984.0/11
 Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: 2.757+/-0.000 χ^2/NDF : 191720746547732306226054042746880.0/10

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

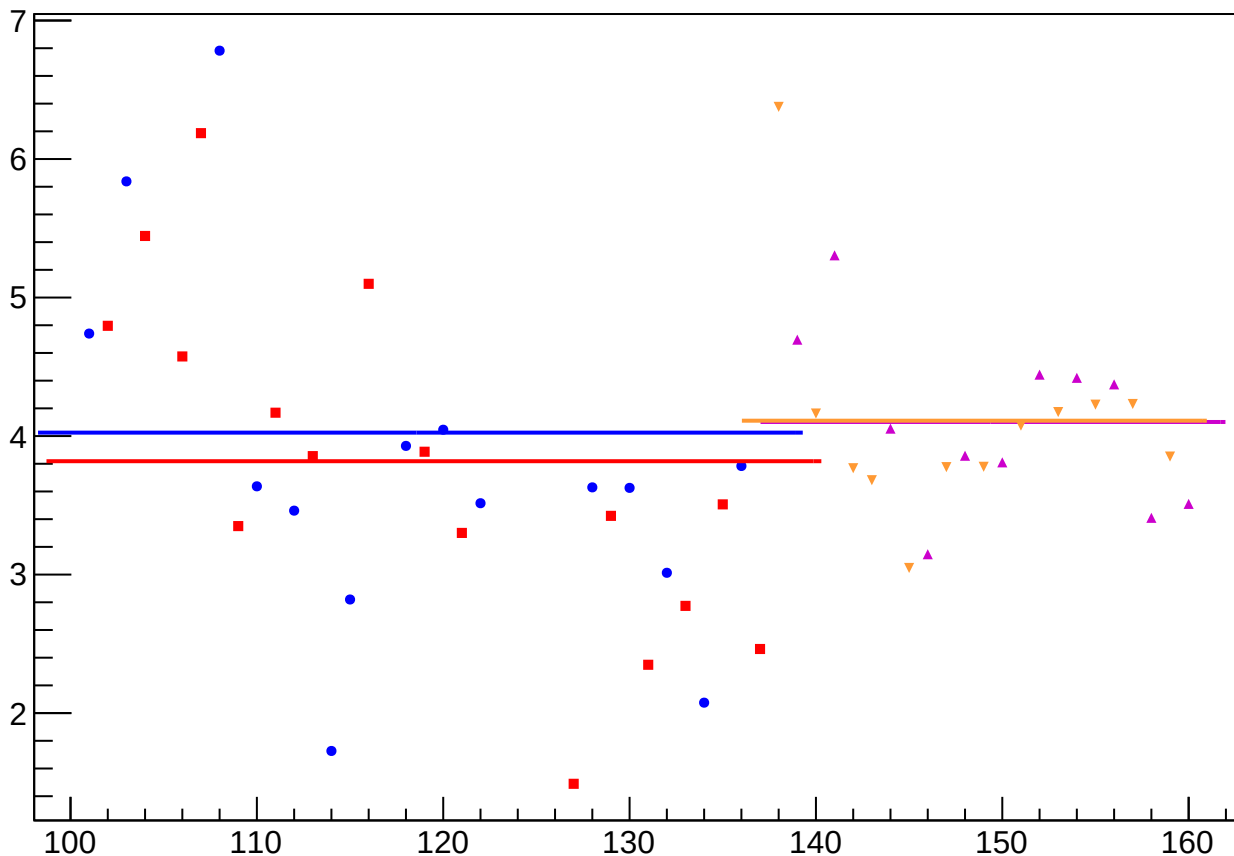
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.111+/-0.000 χ^2/NDF : 532620096510613693690902891986944.0/11

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

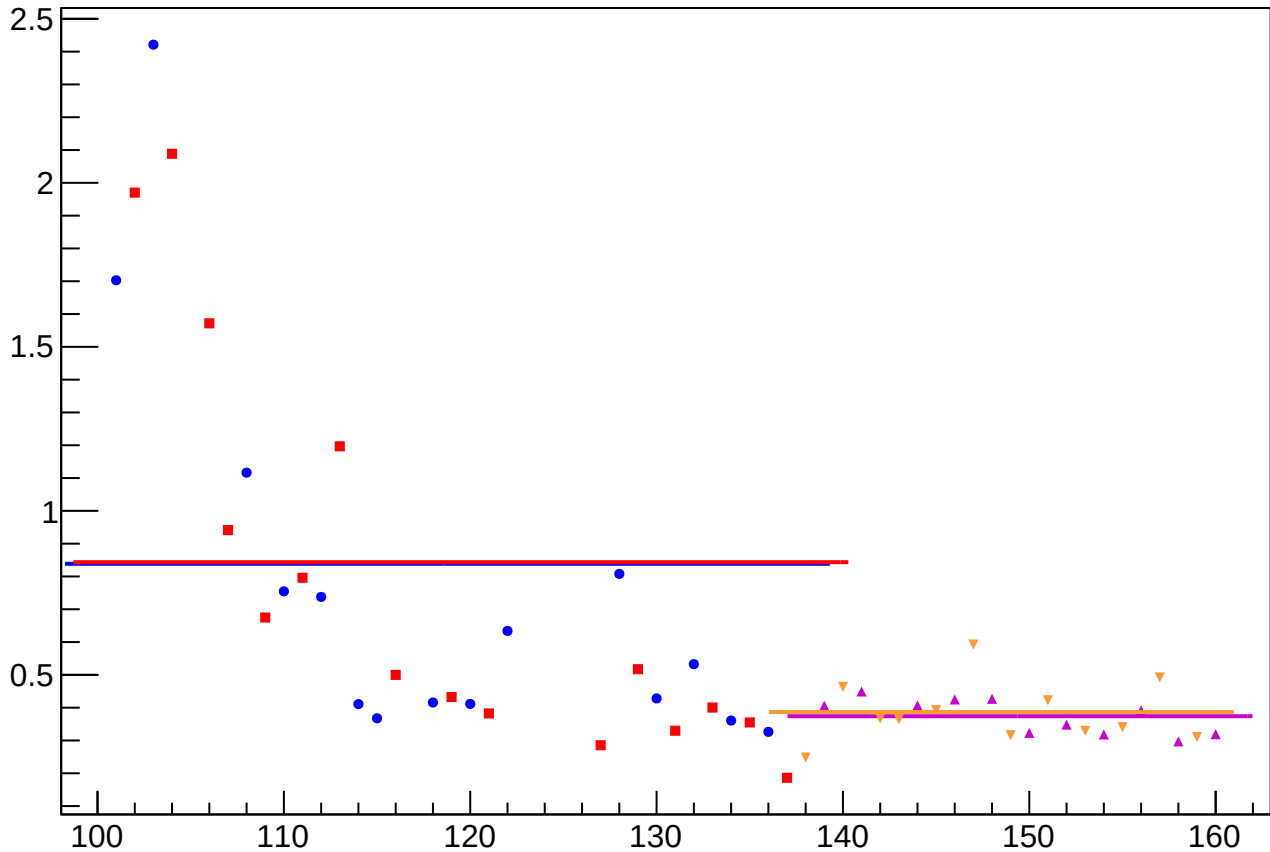
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ sign 4.075+/-0.000 χ^2/NDF : 13044380384615704

All: 4.029+/-0.000 χ^2/NDF : 2560414246886

- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

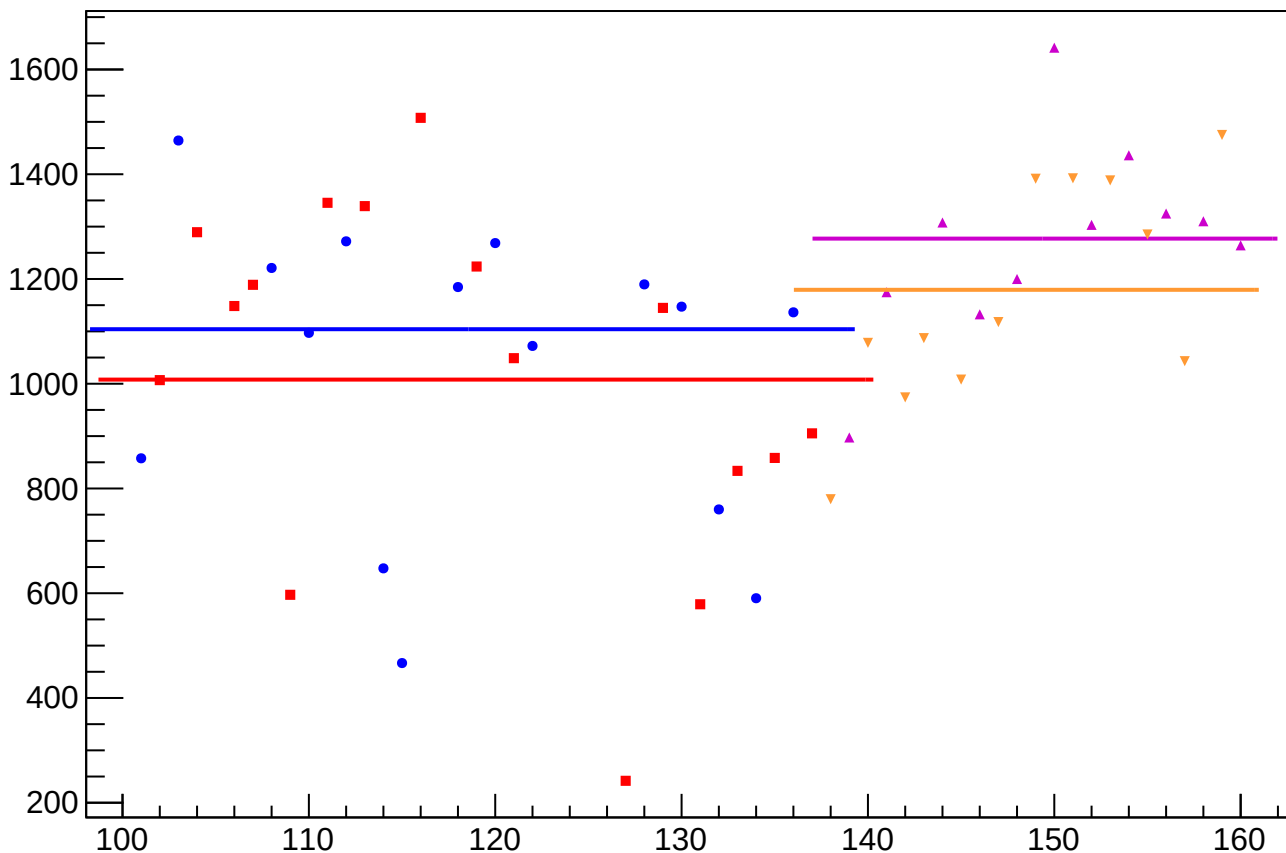
dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 $\pm$ 0.000 χ^2 /NDF: 258416025334615661521163083841536.0/14
 Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF: 7656532010606705303389852401664.0/11
 Right Out: 0.844 $\pm$ 0.000 χ^2 /NDF: 252917509393432760240648918925312.0/15
 Left In: 0.374 $\pm$ 0.000 χ^2 /NDF: 2408191855928929204652403064832.0/10

+ sign 0.574 $\pm$ 0.000 χ^2 /NDF: 34361299710521939
 All: 0.573 $\pm$ 0.000 χ^2 /NDF: 68434990603829
 - sign 0.571 $\pm$ 0.000 χ^2 /NDF: 34072705828258961

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

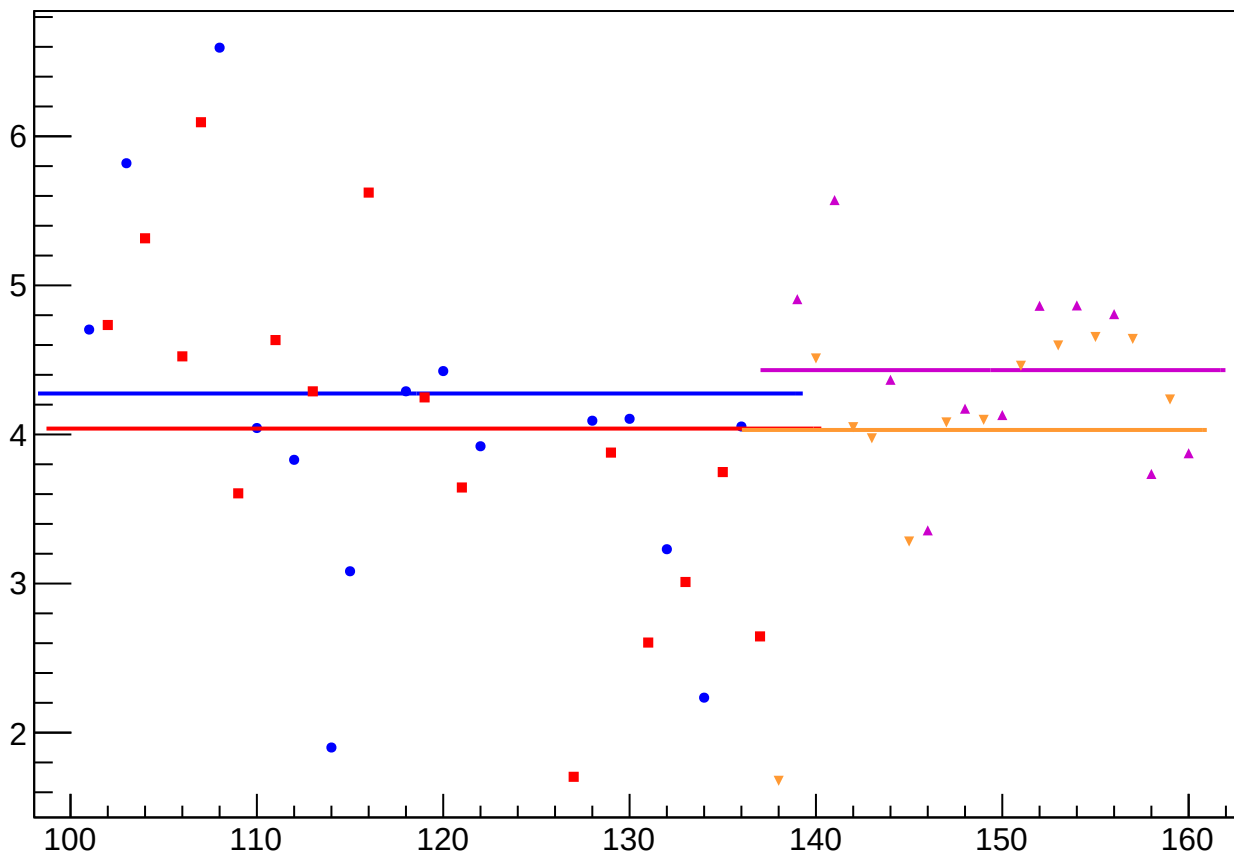
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.030+/-0.000 χ^2/NDF : 600797720921367466879695481470976.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

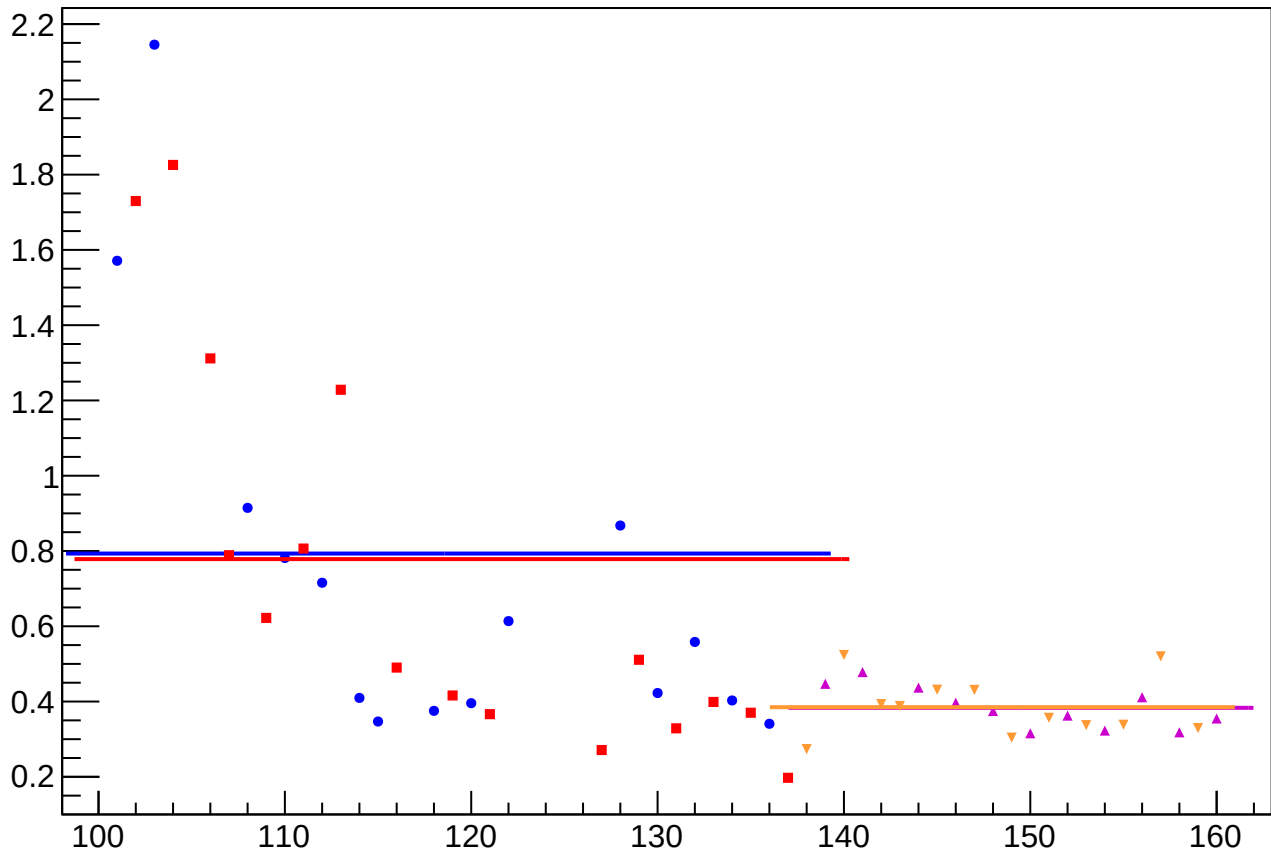
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

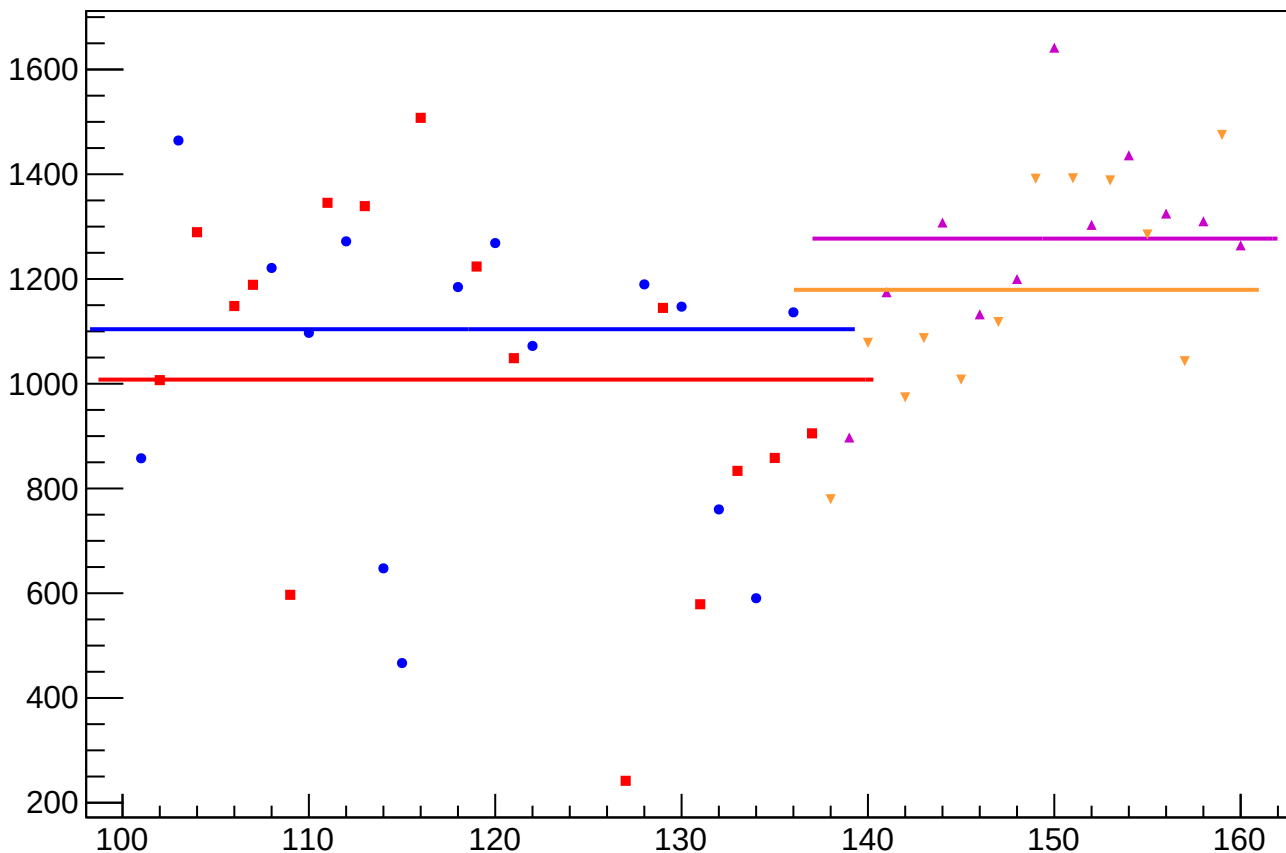
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000	χ^2 /NDF: 195508777173589483440314700005376.0/14	+ sign 0.555 $\pm$ 0.000	χ^2 /NDF: 26430494268344414
Left Out: 0.385 $\pm$ 0.000	χ^2 /NDF: 5547784180240414411423653822464.0/11	All: 0.552 $\pm$ 0.000	χ^2 /NDF: 51324044746182
Right Out: 0.778 $\pm$ 0.000	χ^2 /NDF: 185814635772183306063903690063872.0/15	- sign 0.549 $\pm$ 0.000	χ^2 /NDF: 24891120675551359
Left In: 0.383 $\pm$ 0.000	χ^2 /NDF: 2618375268437967875049691021312.0/10		

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

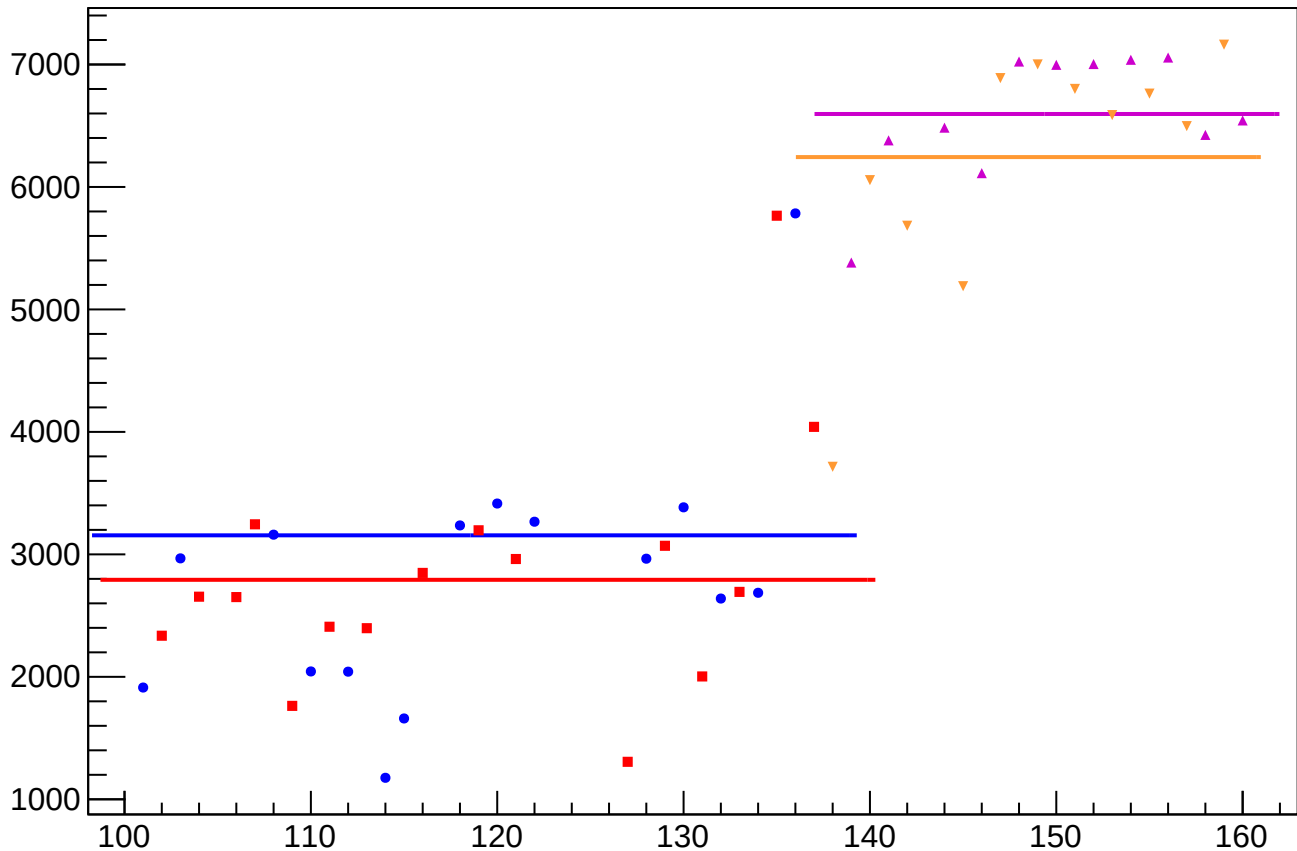
Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

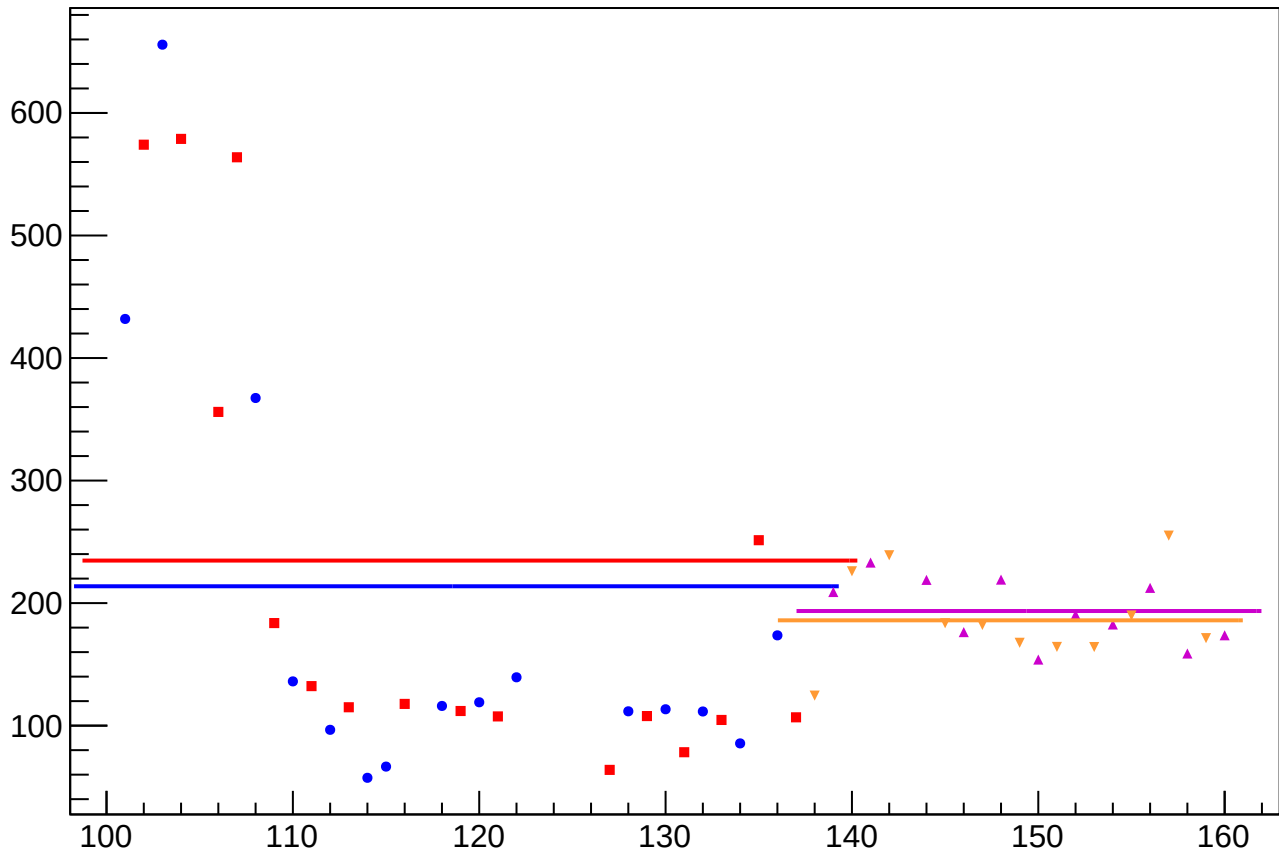
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

dit_usl_coil3_mean vs Slug



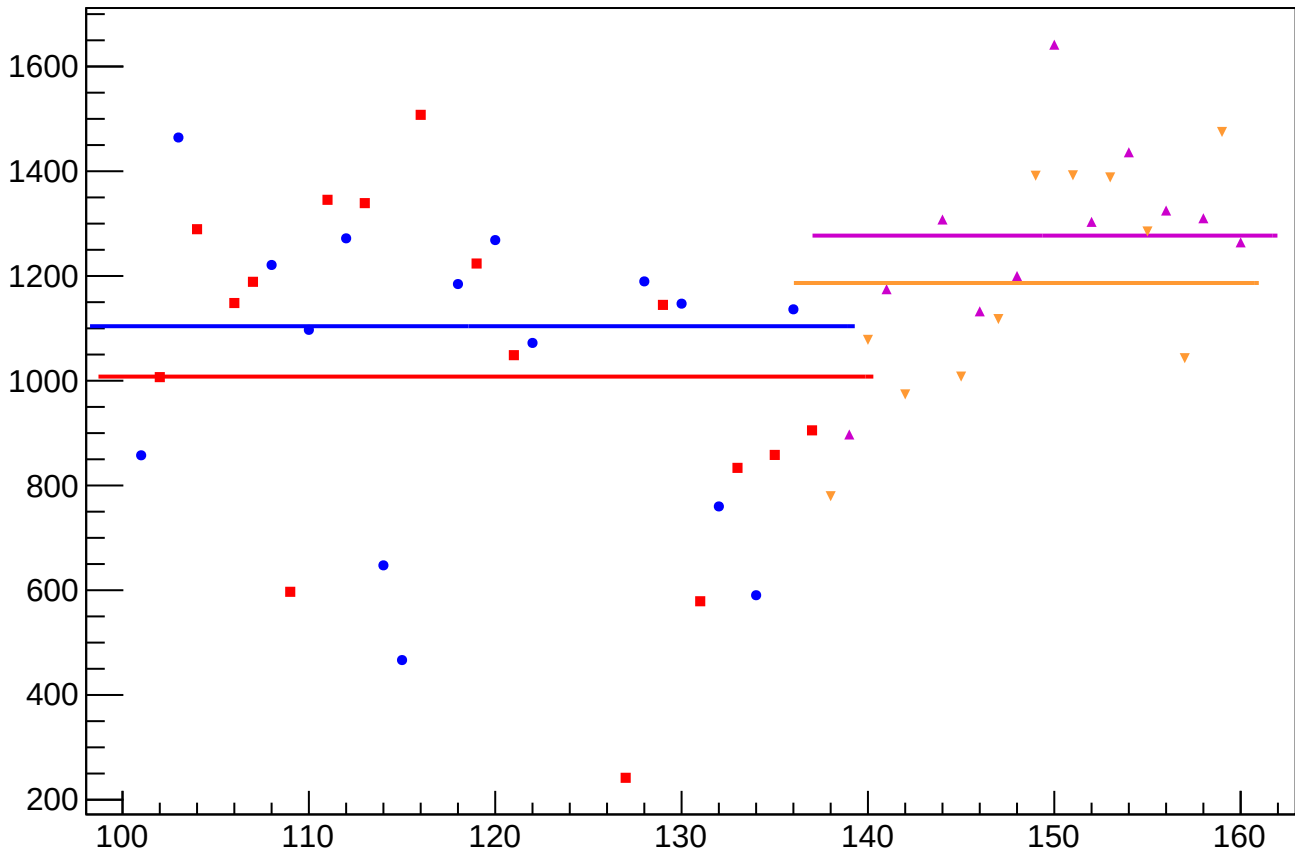
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6243.976+/-0.000 χ^2/NDF : 811230786168378302780139165688711348224.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Left Out: 185.948+/-0.000 χ^2/NDF : 1057706607595767583587974846640816128.0/10
 Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: 193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10

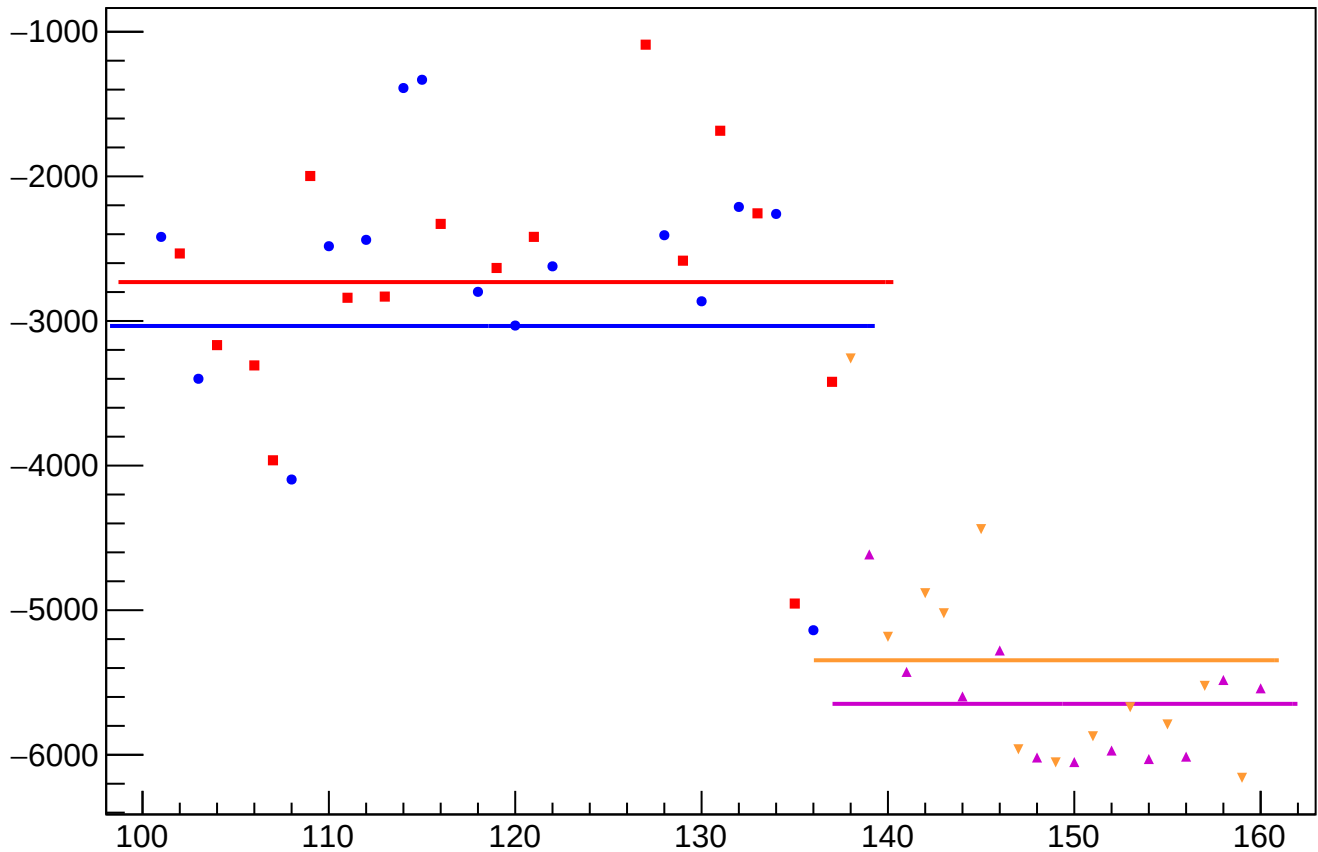
dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1186.635+/-0.000 χ^2/NDF : 38127290182419373090636614603236179968.0/10
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

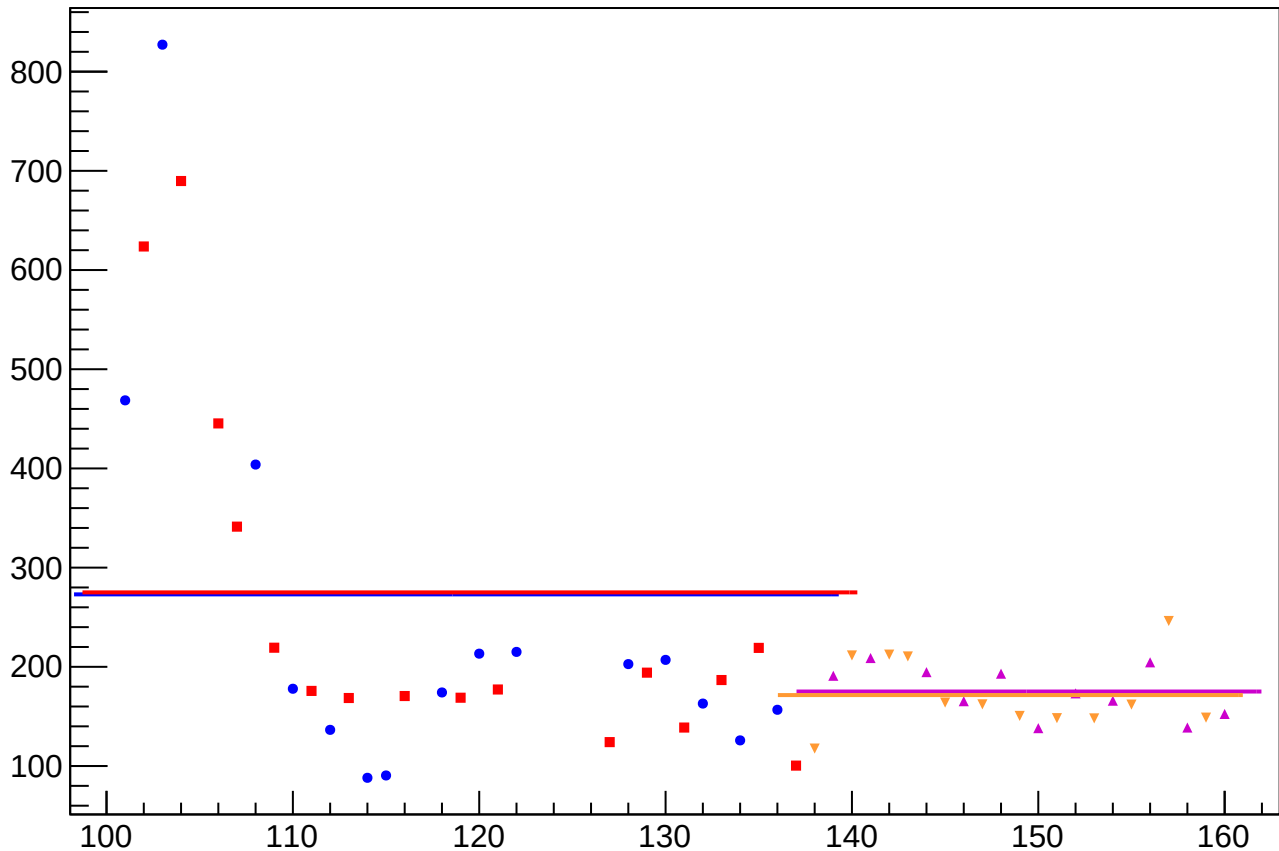
+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833
 All: 1157.745+/-0.000 χ^2/NDF : 20023337148
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



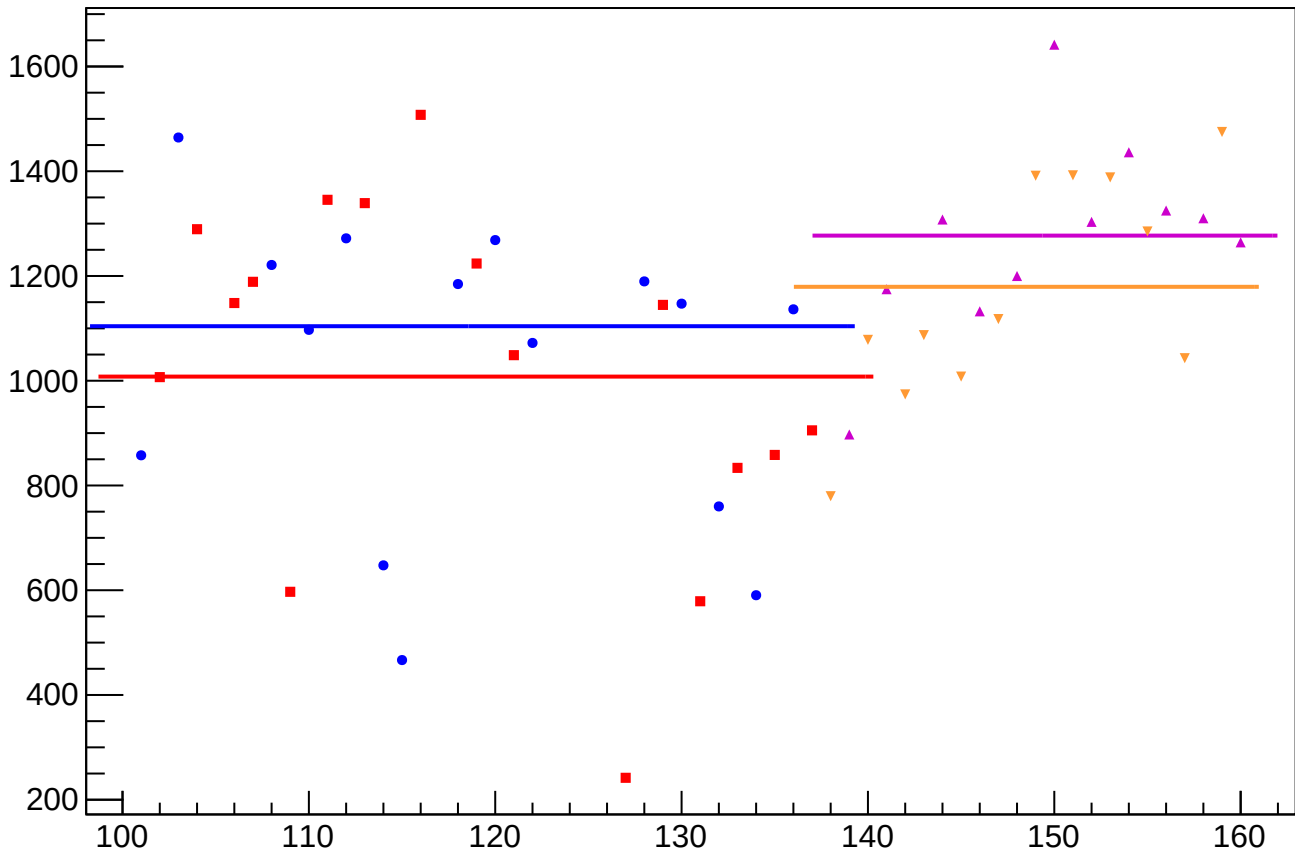
Right In: -3034.527 $\pm$ 0.000 χ^2 /NDF: 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287 $\pm$ 0.000 χ^2 /NDF: 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035 $\pm$ 0.000 χ^2 /NDF: 528290847703567991555694629239211950080.0/15
 Left In: -5647.632 $\pm$ 0.000 χ^2 /NDF: 164214312908035645215126356935491715072.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 171.517+/-0.000 χ^2/NDF : 1162204446124418452265763444206075904.0/11
 Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10
 All: 215.351+/-0.000 χ^2/NDF : 582347917810
 + sign 213.672+/-0.000 χ^2/NDF : 315596615731596
 - sign 217.000+/-0.000 χ^2/NDF : 266663969074785

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

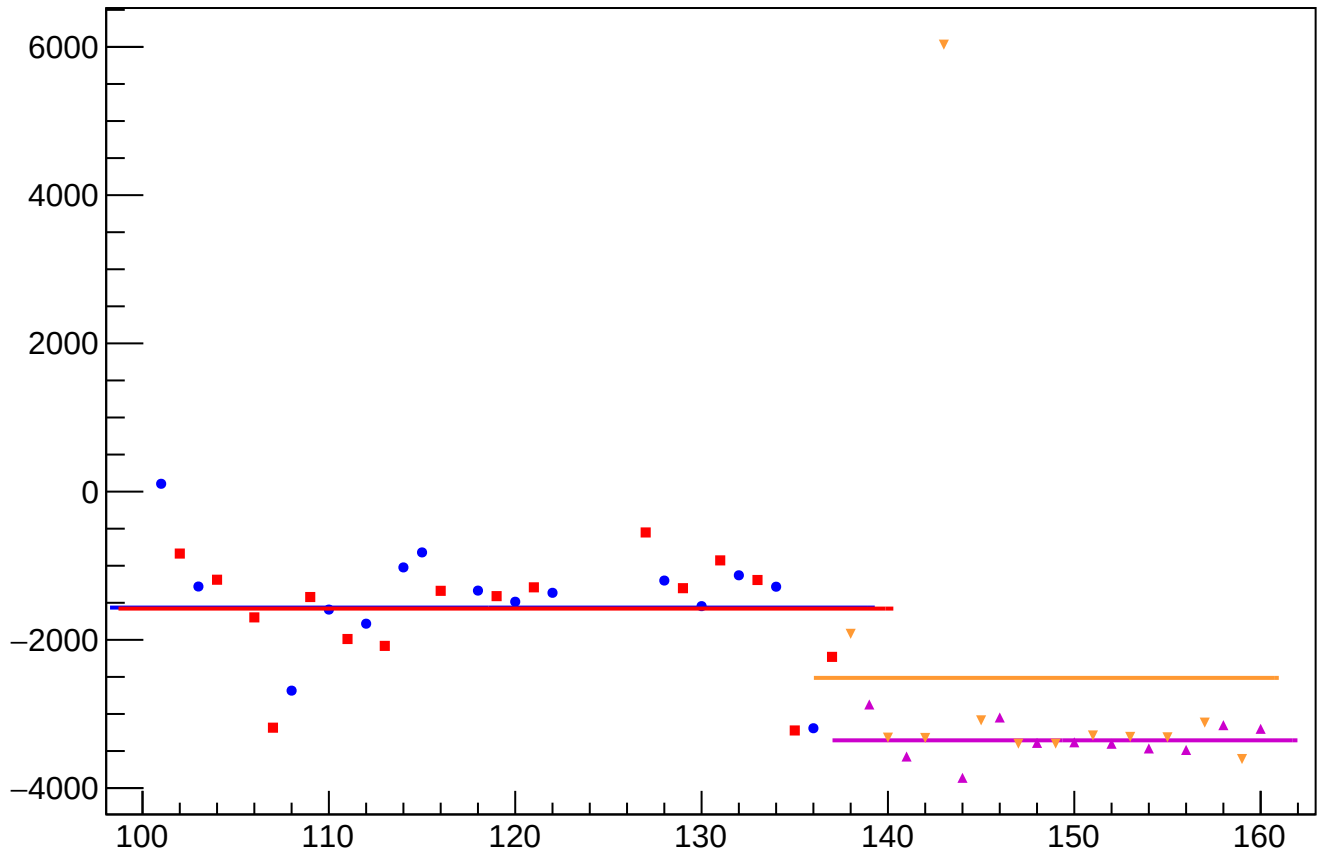
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

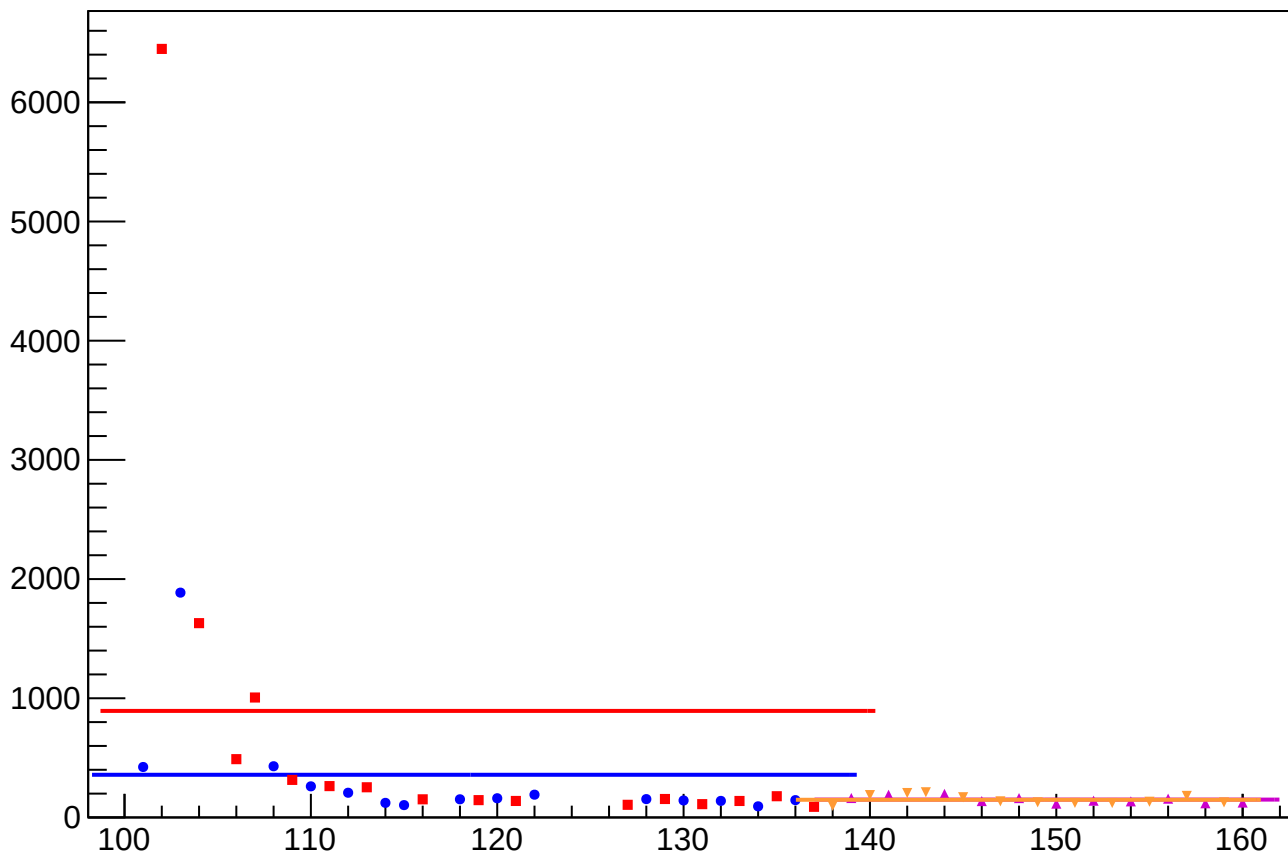
dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -2513.182+/-0.000	χ^2/NDF : 5431127813565364988673729418683400323072.0/11
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3355.712+/-0.000	χ^2/NDF : 61603128430044333980990125877093203968.0/10

+ sign -2119.303+/-0.000 χ^2/NDF : 6256498974115
 All: -2367.087+/-0.000 χ^2/NDF : 8100740550
 - sign -2610.511+/-0.000 χ^2/NDF : 1654003244515

dit_atl1_coil3_err_mean vs Slug



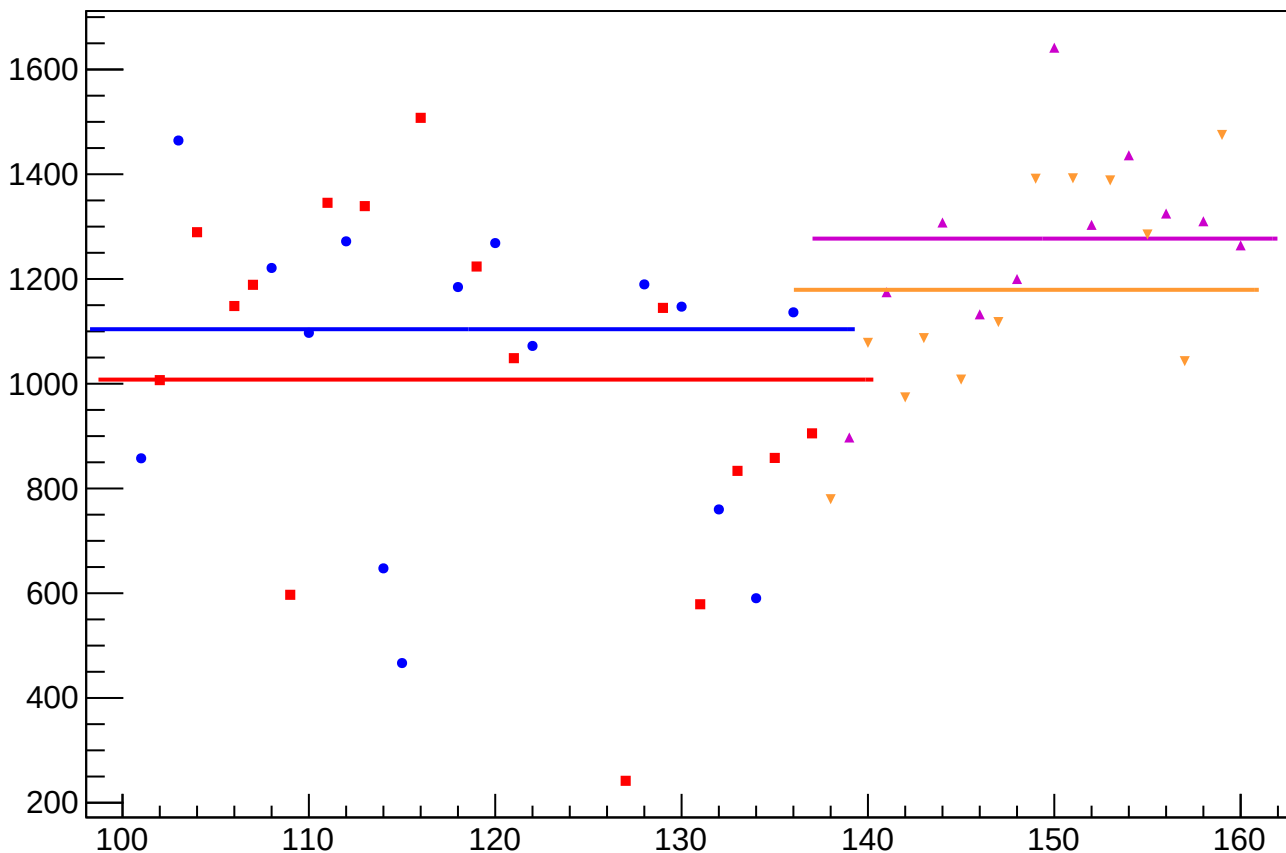
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.359+/-0.000 χ^2/NDF : 1090286331733366082581256970807803904.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

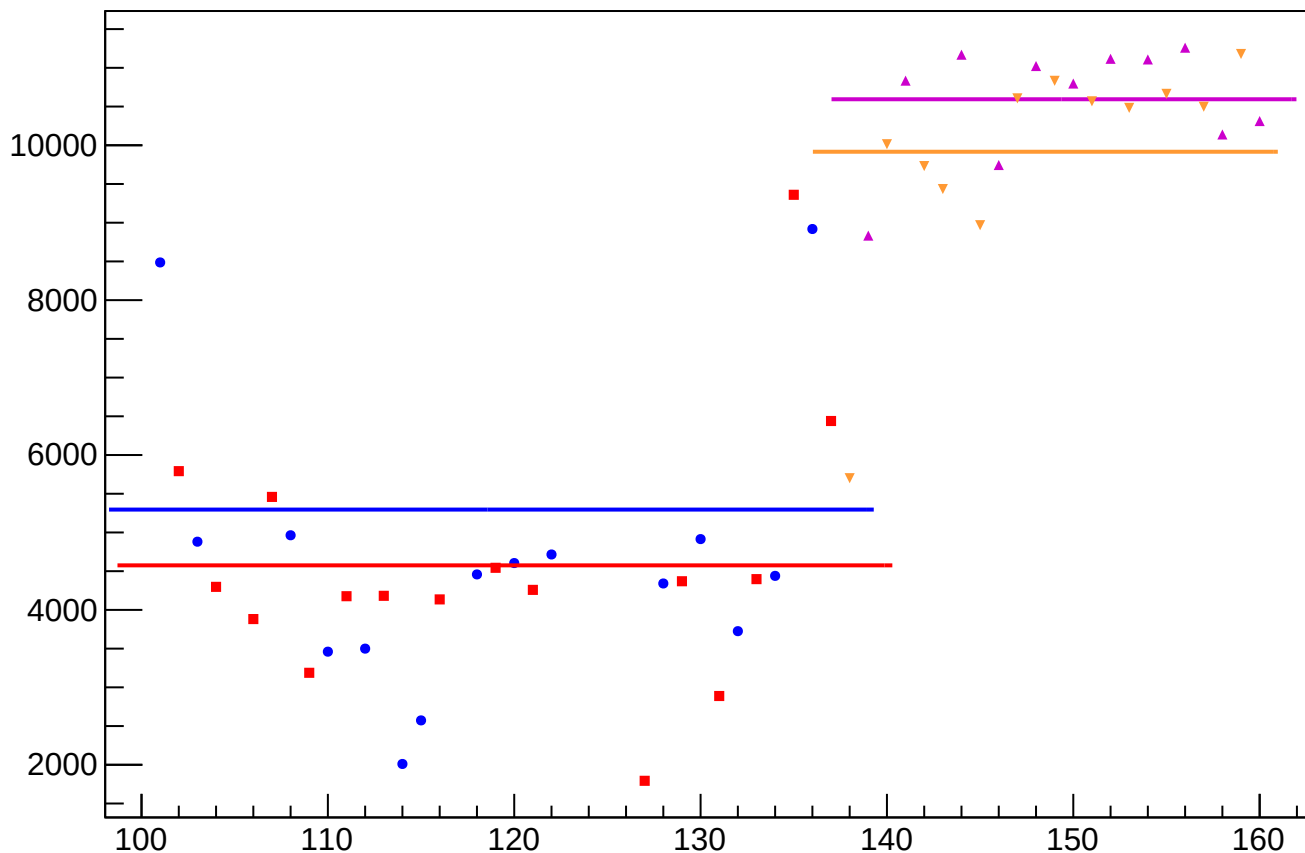
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

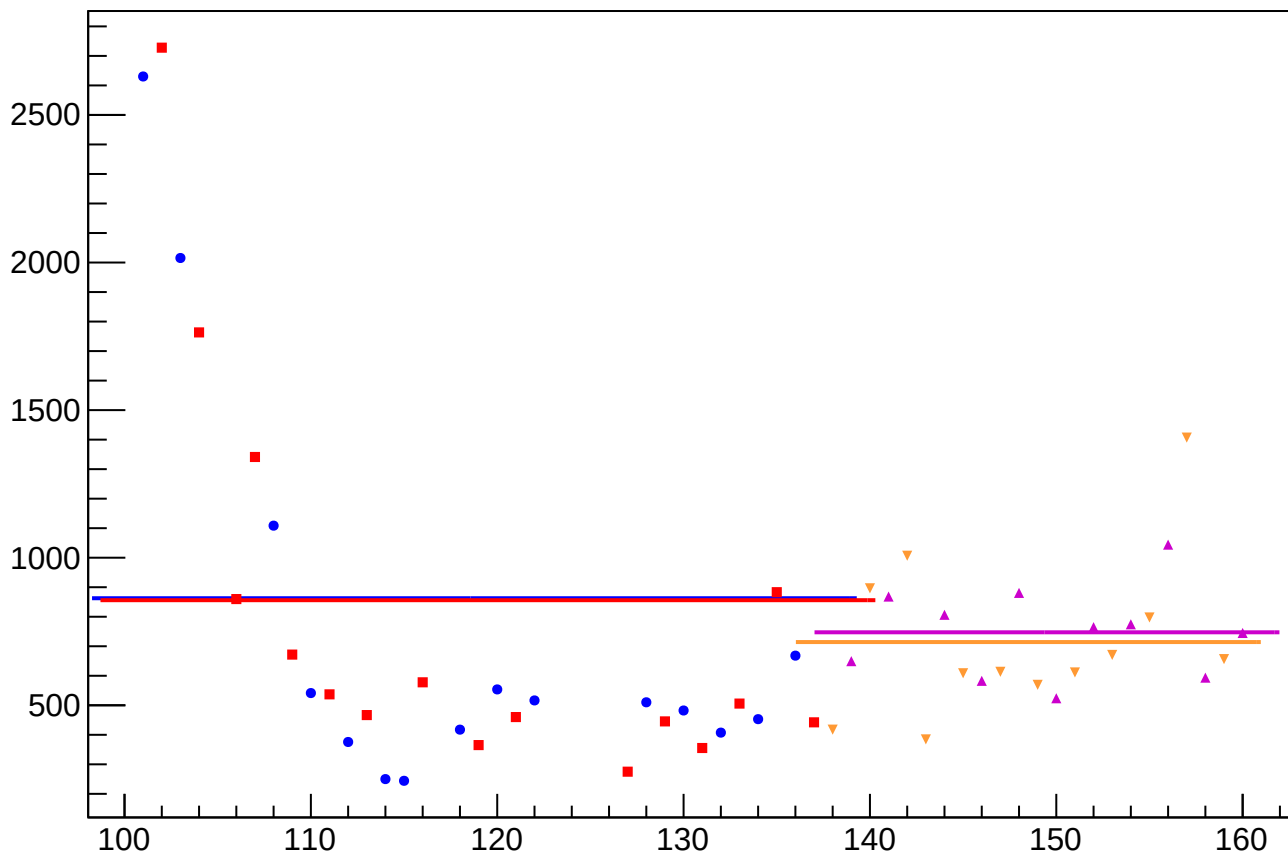
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420+/-0.000 χ^2/NDF : 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095+/-0.000 χ^2/NDF : 469955671378487676963254464485150162944.0/10

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 714.221+/-0.000 χ^2/NDF : 63936823657083124140922251637065515008.0/11

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

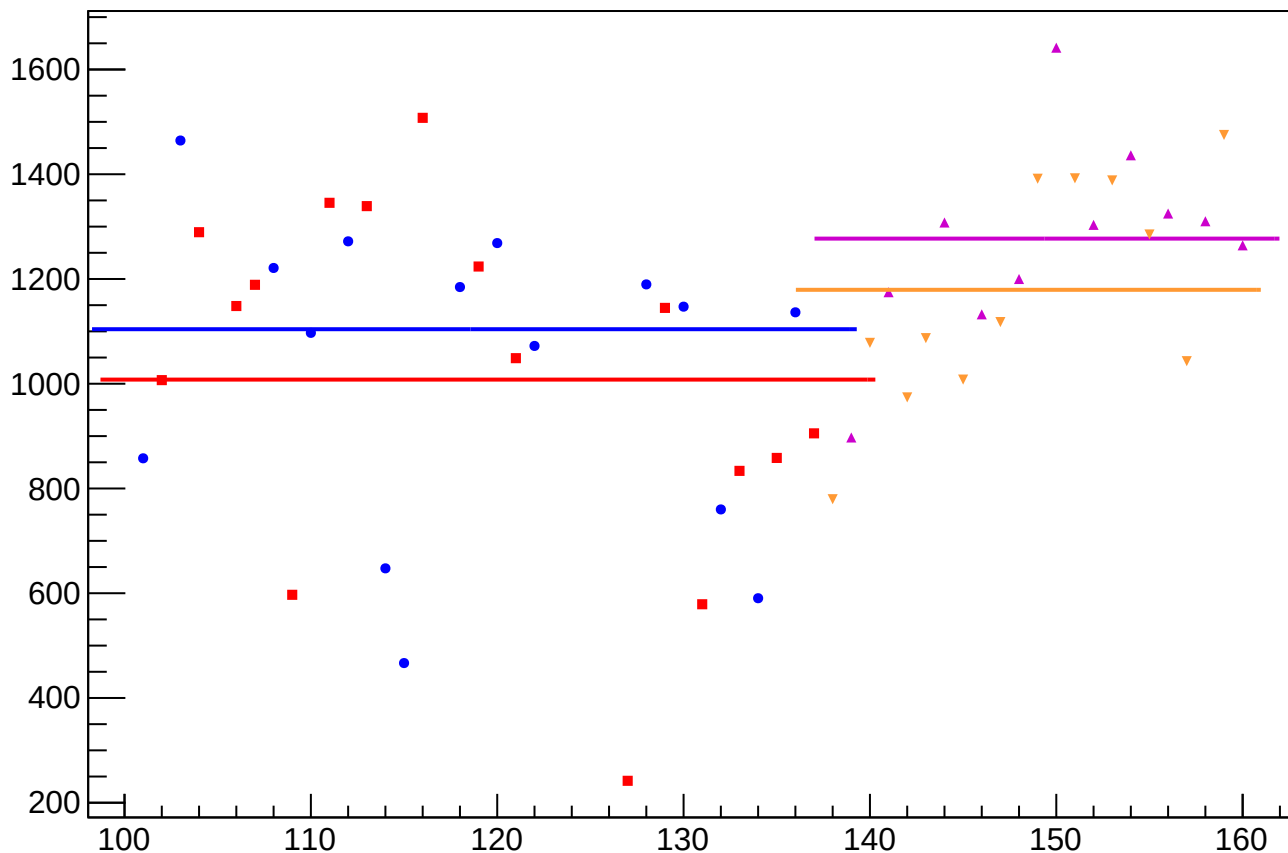
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ sign 775.866+/-0.000 χ^2/NDF : 409985766107580

All: 784.449+/-0.000 χ^2/NDF : 76167219523

- sign 792.881+/-0.000 χ^2/NDF : 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

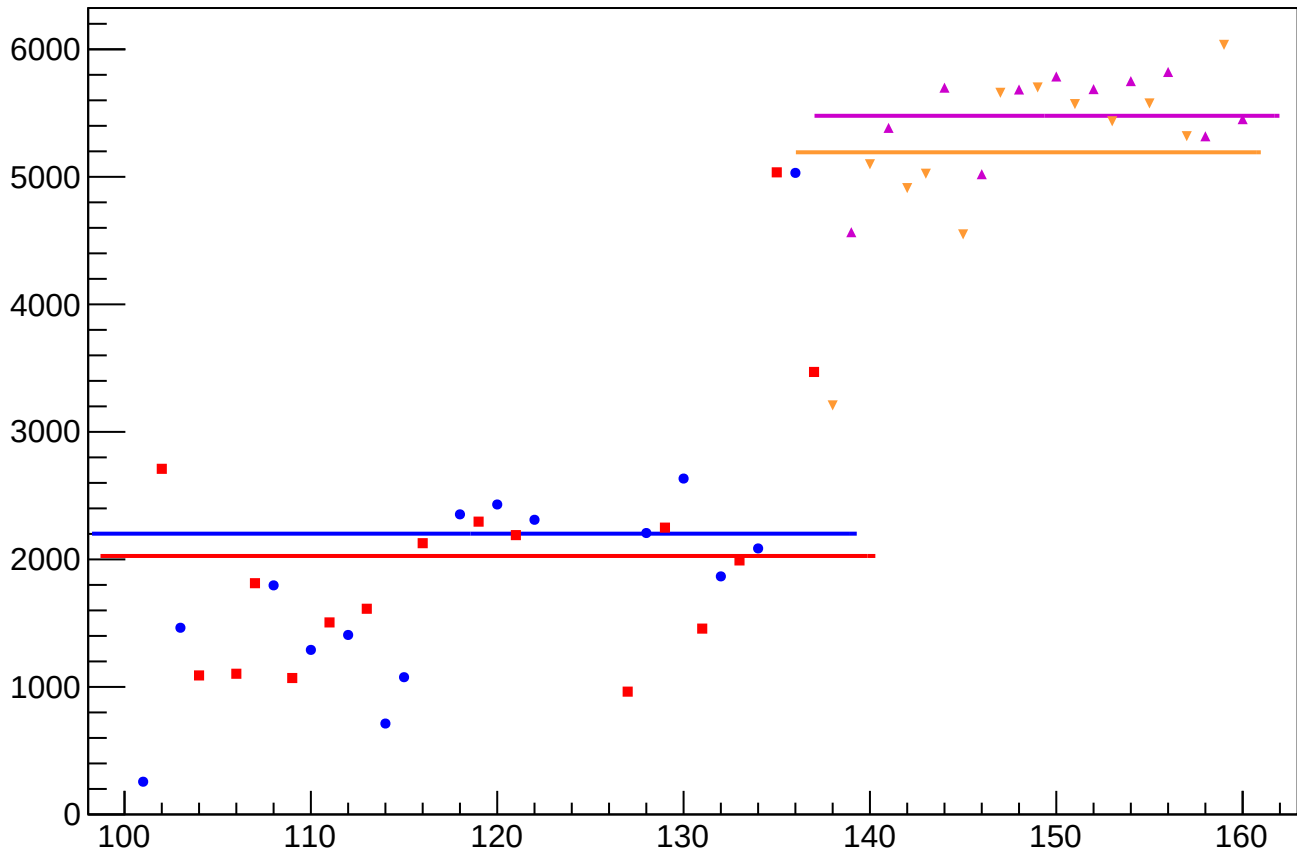
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

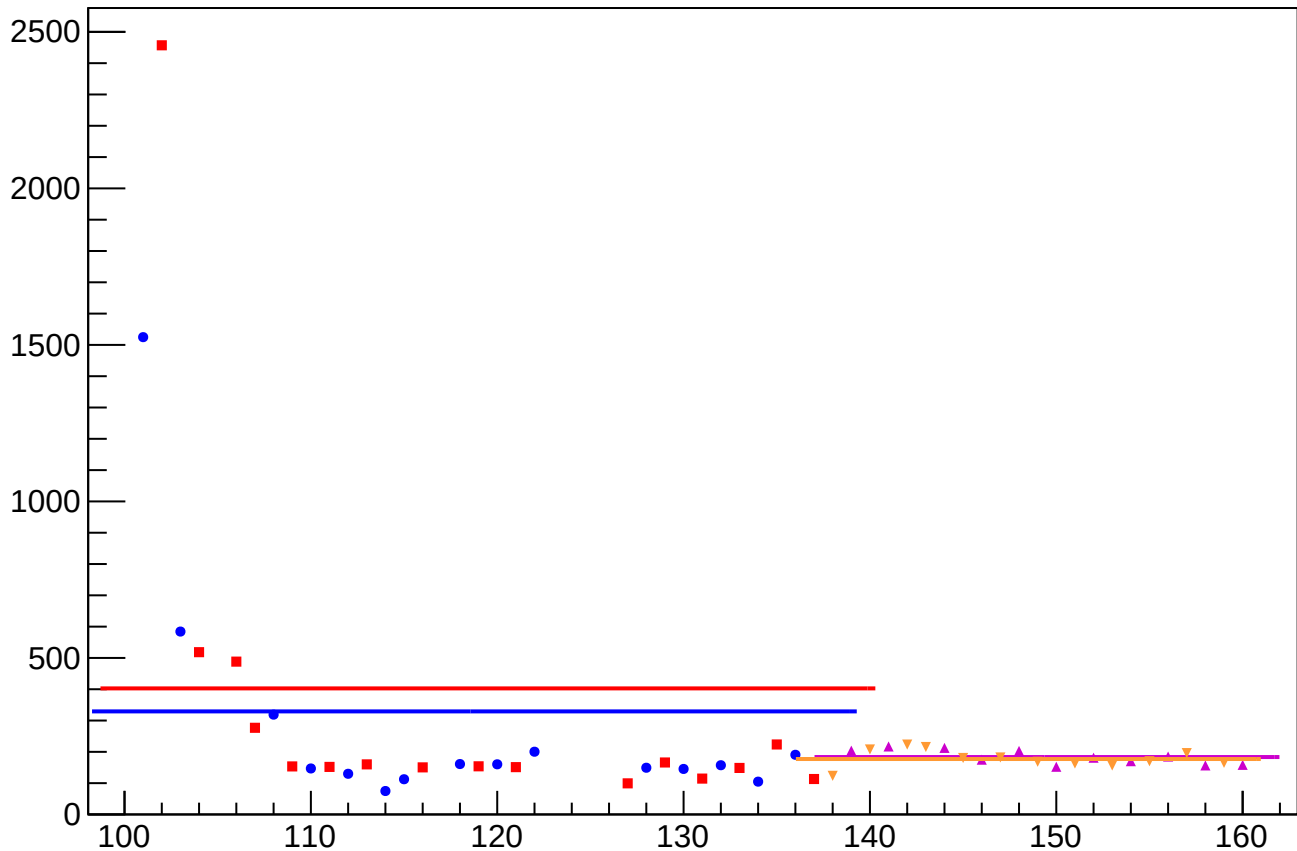
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5192.476+/-0.000 χ^2/NDF : 470317118435532937200148346508624789504.0/11
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5478.713+/-0.000 χ^2/NDF : 124186054771424011873849346802583601152.0/10

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 177.101+/-0.000 χ^2/NDF : 604256347376555065664943941601984512.0/11

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

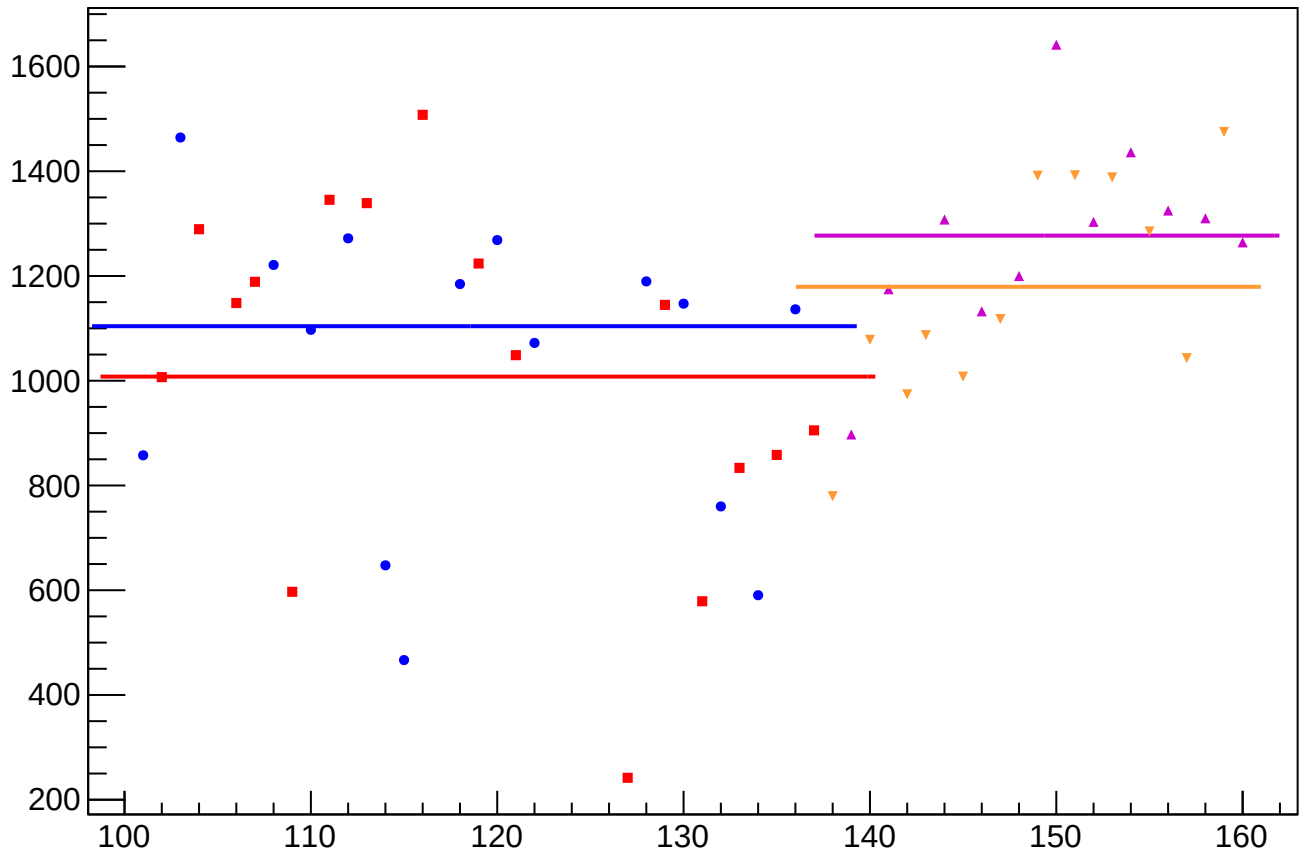
Left In: 183.411+/-0.000 χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF : 112672514913123

All: 257.960+/-0.000 χ^2/NDF : 41035727361

- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

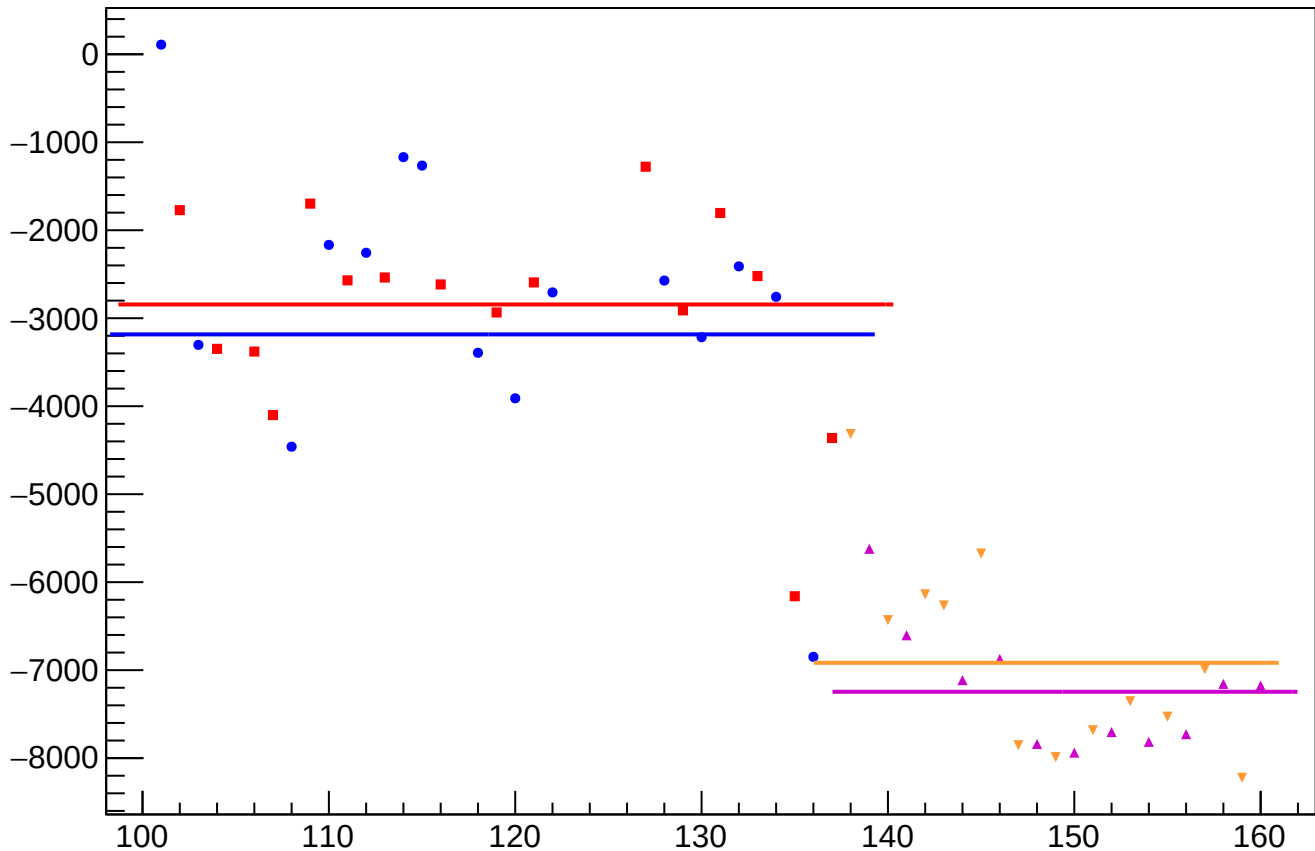
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

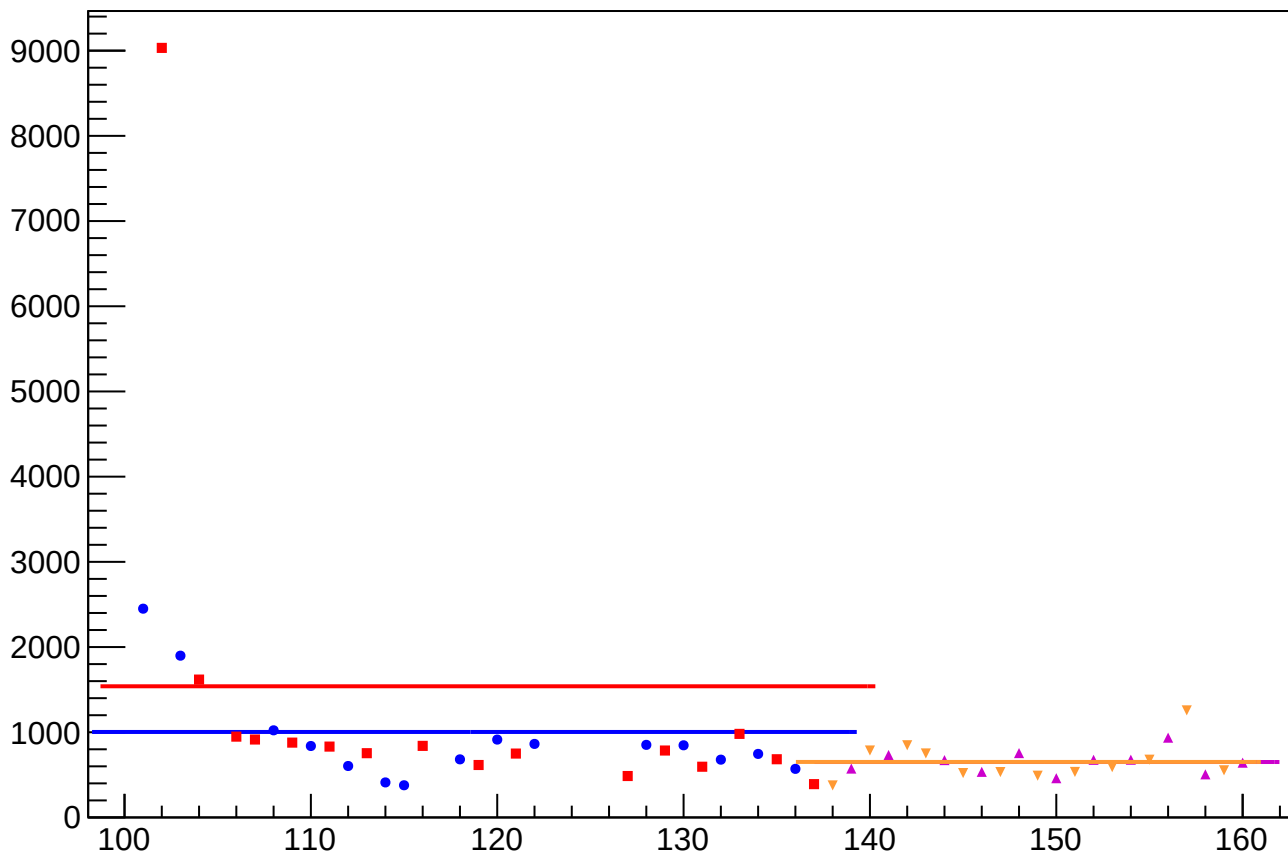
dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000	χ^2/NDF : 2134923281384422537296044119642733543424.0/14
Left Out: -6916.269+/-0.000	χ^2/NDF : 1116807093678978049721043579861444067328.0/11
Right Out: -2843.597+/-0.000	χ^2/NDF : 947077611563723244705531091944015396864.0/15
Left In: -7245.920+/-0.000	χ^2/NDF : 401760462783969098772010925007315140608.0/10

+ sign -5366.500+/-0.000 χ^2/NDF : 8538549854874
 All: -5383.560+/-0.000 χ^2/NDF : 1739572201
 - sign -5400.320+/-0.000 χ^2/NDF : 8856270344208

dit_atr2_coil3_err_mean vs Slug



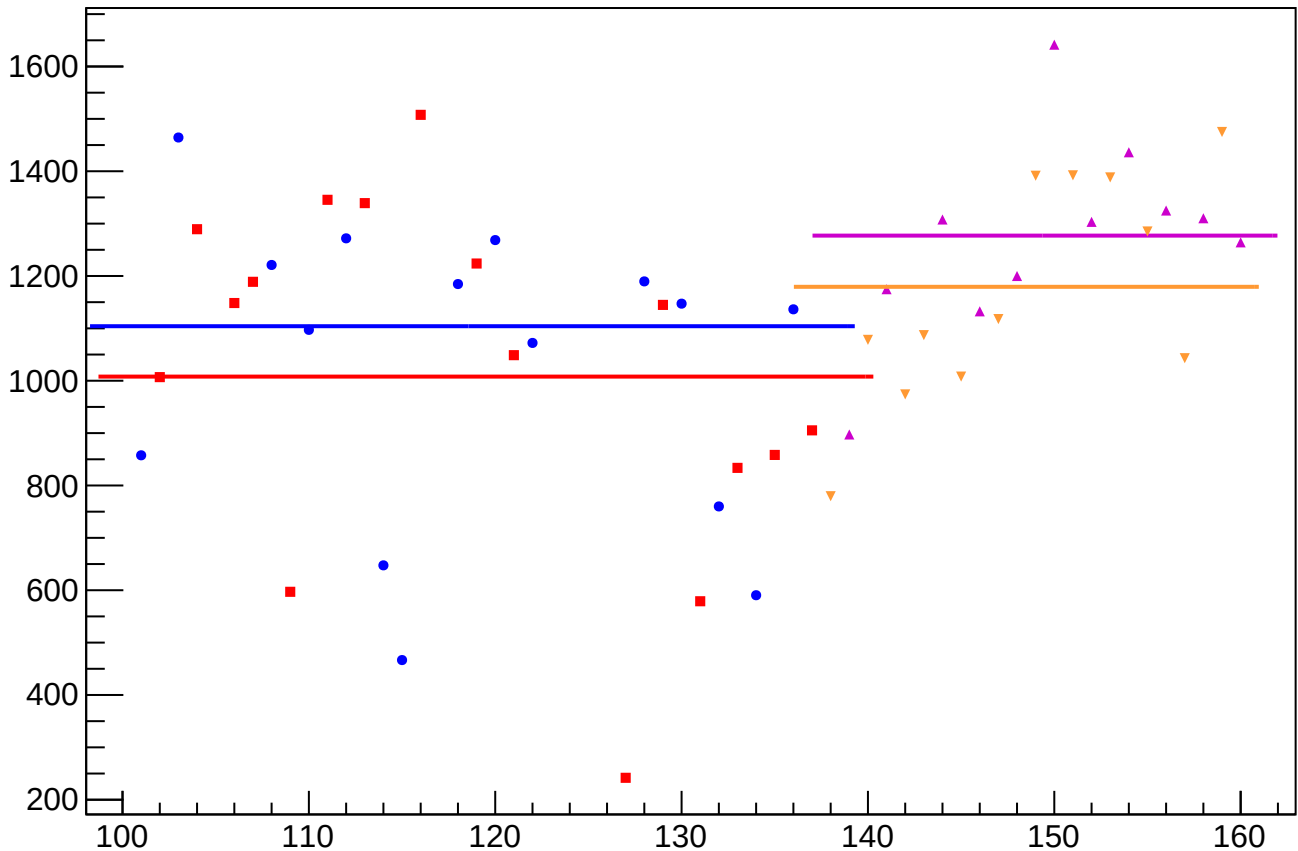
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

Left Out: 651.582+/-0.000 χ^2/NDF : 45579416700188389340899783793497341952.0/11

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

Left In: 650.769+/-0.000 χ^2/NDF : 14776465774858799846922535858394365952.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 +/- 0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

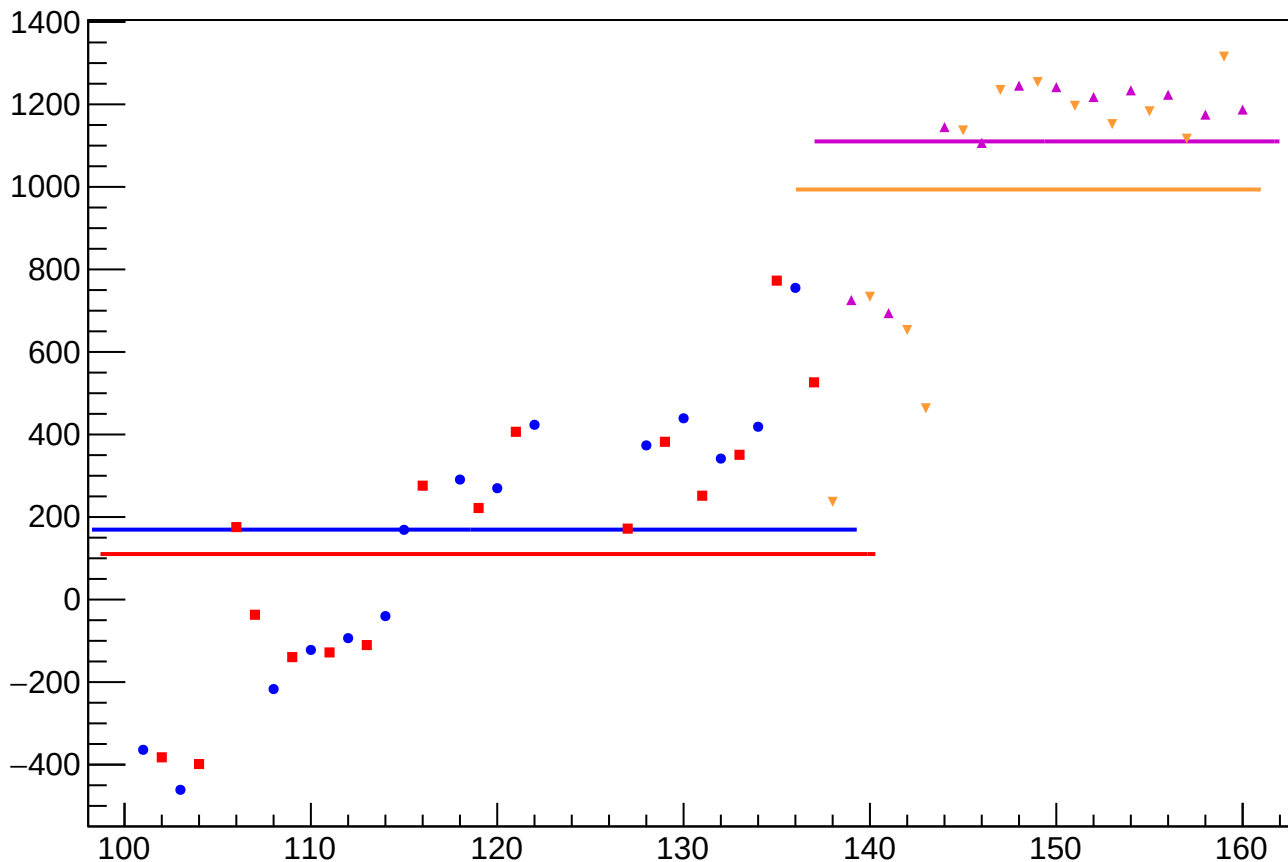
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100 +/- 0.000 χ^2/NDF : 73628368958625.0/11

All: 1156.244 +/- 0.000 χ^2/NDF : 20056102034.0/11

- sign 1164.243 +/- 0.000 χ^2/NDF : 12672719249309.0/11

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 993.680+/-0.000 χ^2/NDF : 103871744093271862136270527542037839872.0/11

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

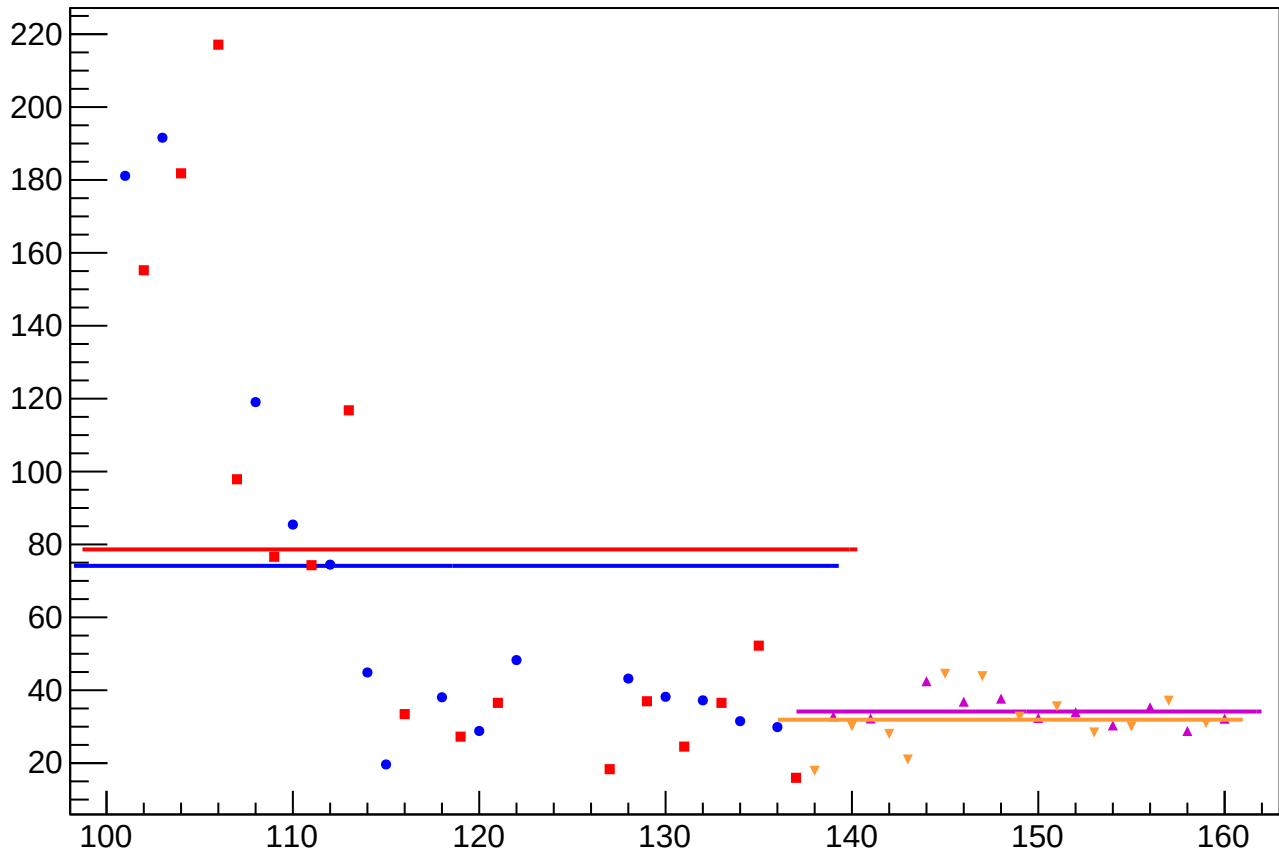
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ sign 651.454+/-0.000 χ^2/NDF : 457110601754155

All: 671.406+/-0.000 χ^2/NDF : 951499306925

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF : 52391134971476446801164737802403840.0/11

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

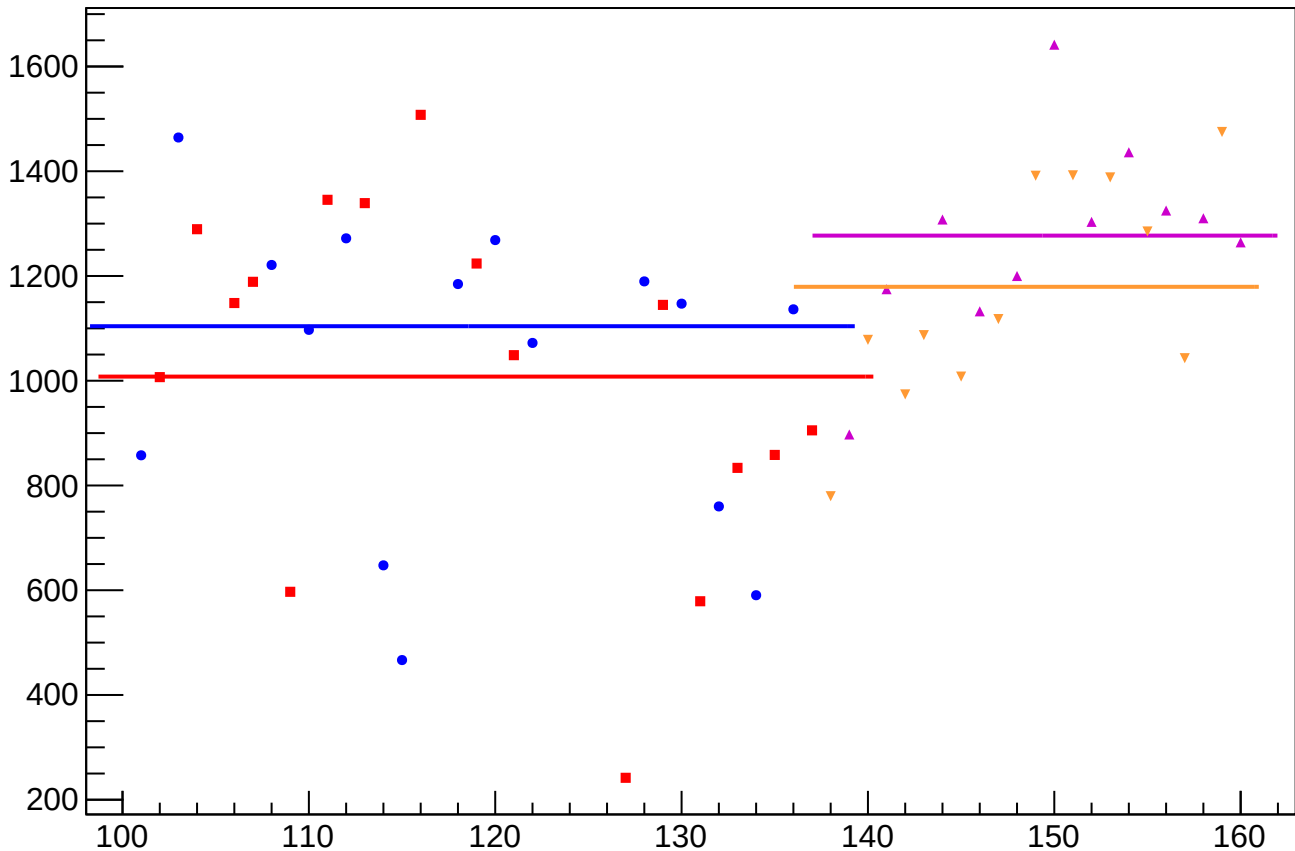
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.444+/-0.000 χ^2/NDF : 2897043511629601

All: 51.139+/-0.000 χ^2/NDF : 6027926549606

- sign 52.804+/-0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

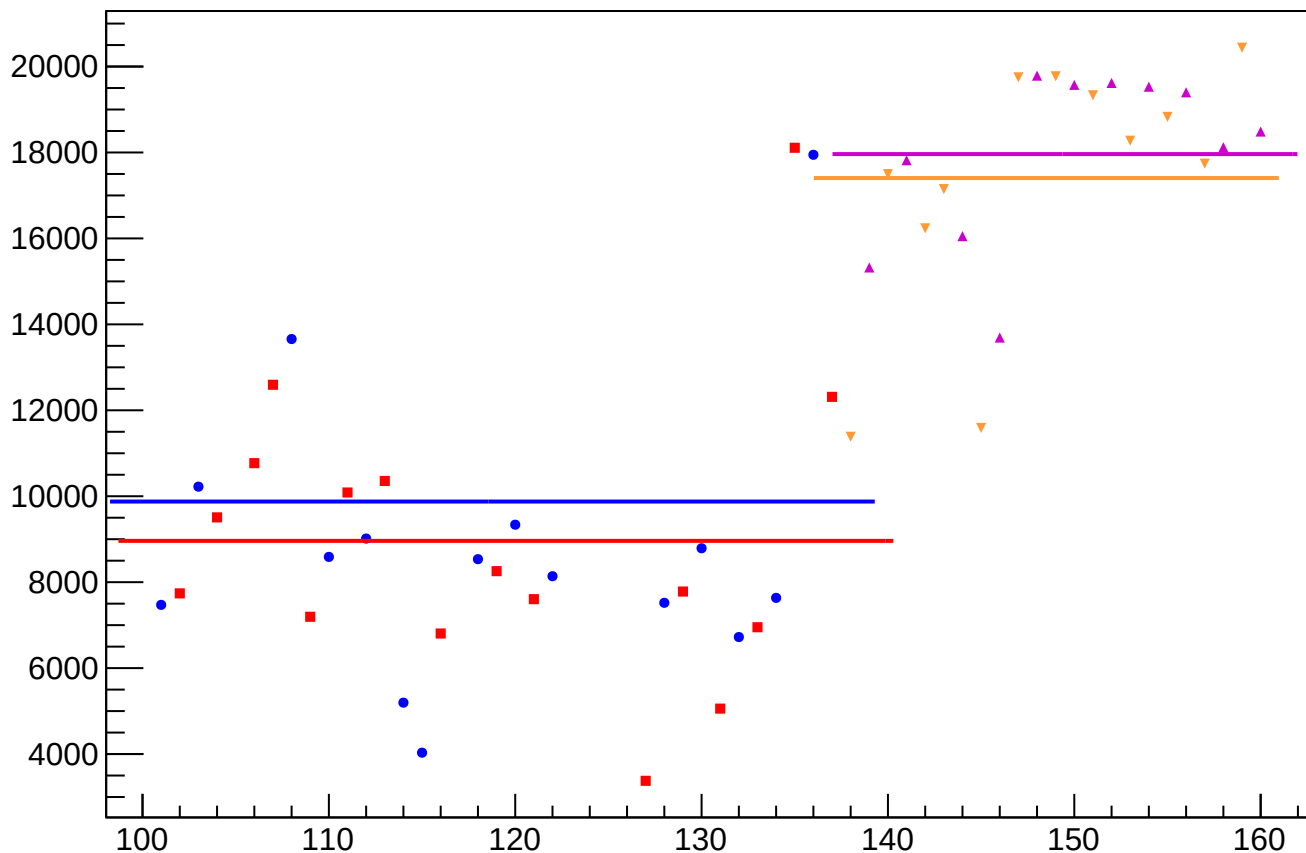
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

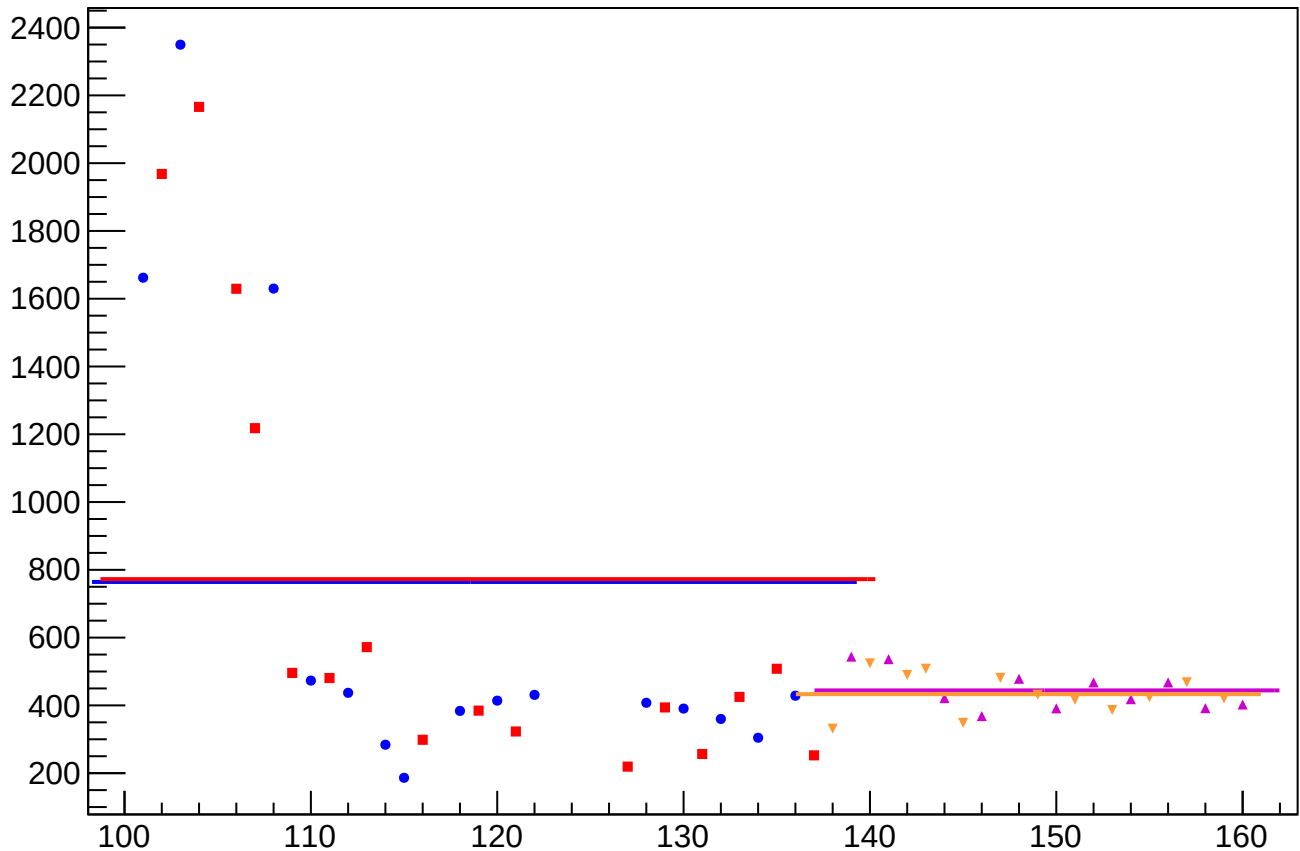
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 17405.049+/-0.000 χ^2/NDF : 7689801671099378791544545422175664865280.0/11
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 17962.529+/-0.000 χ^2/NDF : 3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 433.079+/-0.000 χ^2/NDF : 3070370524438239159273190119476035584.0/11

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

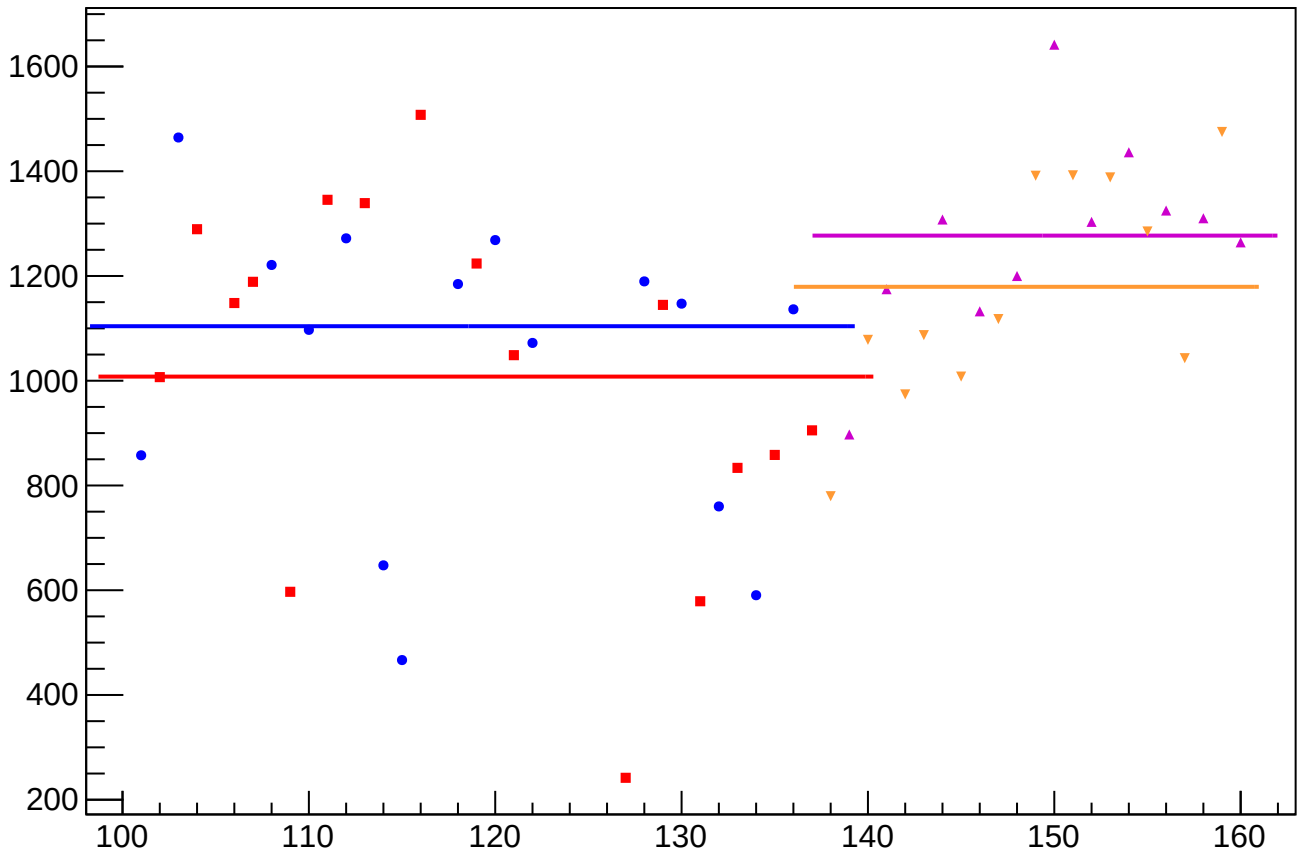
Left In: 444.245+/-0.000 χ^2/NDF : 2906625839452991270105053894151241728.0/10

+ sign 570.604+/-0.000 χ^2/NDF : 335667061264854

All: 576.292+/-0.000 χ^2/NDF : 666328037619

- sign 581.880+/-0.000 χ^2/NDF : 330560730510906

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

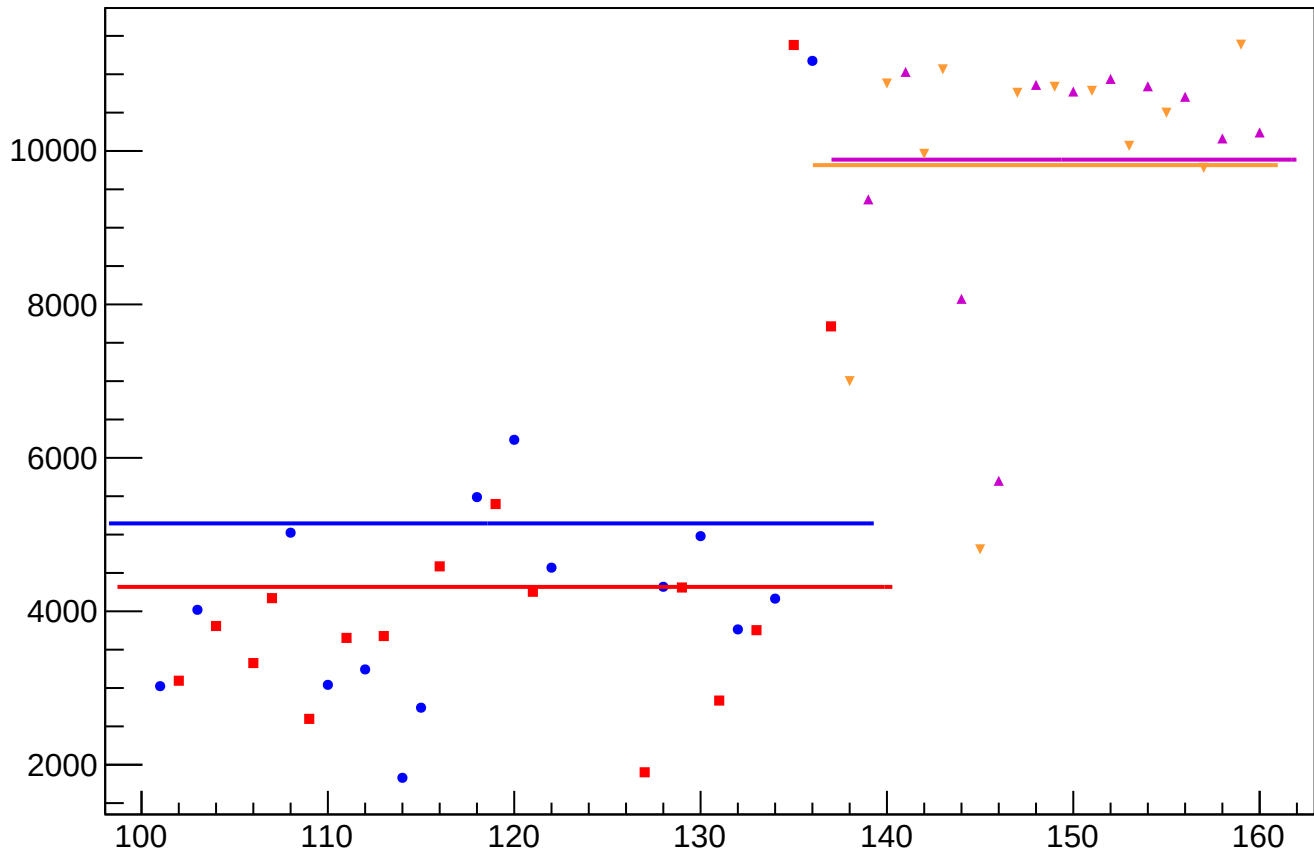
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

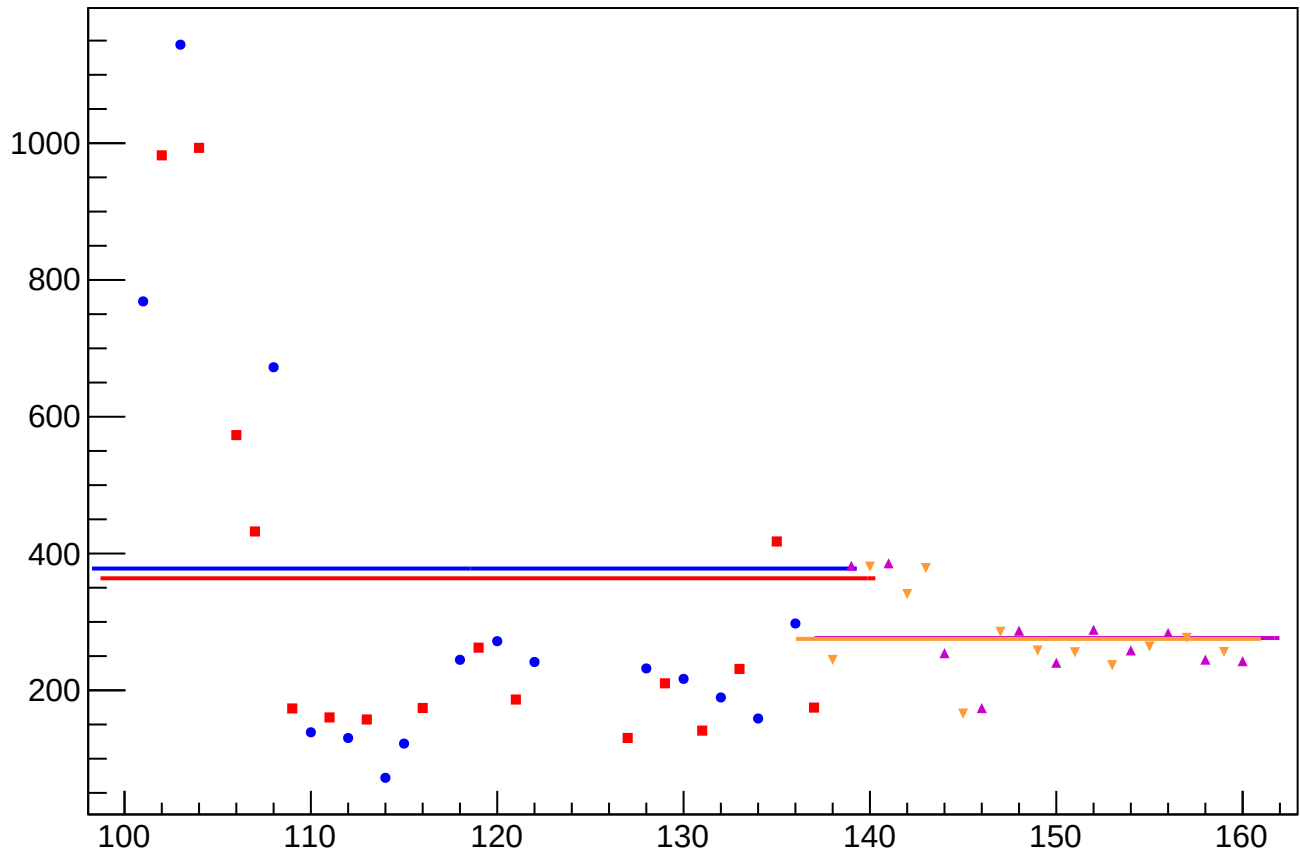
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9815.736+/-0.000 χ^2/NDF : 3242126212507286714618316704208262266880.0/11
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 9887.069+/-0.000 χ^2/NDF : 2278516780225824082632420288802127347712.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

+ sign 317.896+/-0.000 χ^2/NDF : 685967694208858

Left Out: 275.181+/-0.000 χ^2/NDF : 3063973924838483752648023856495198208.0/11

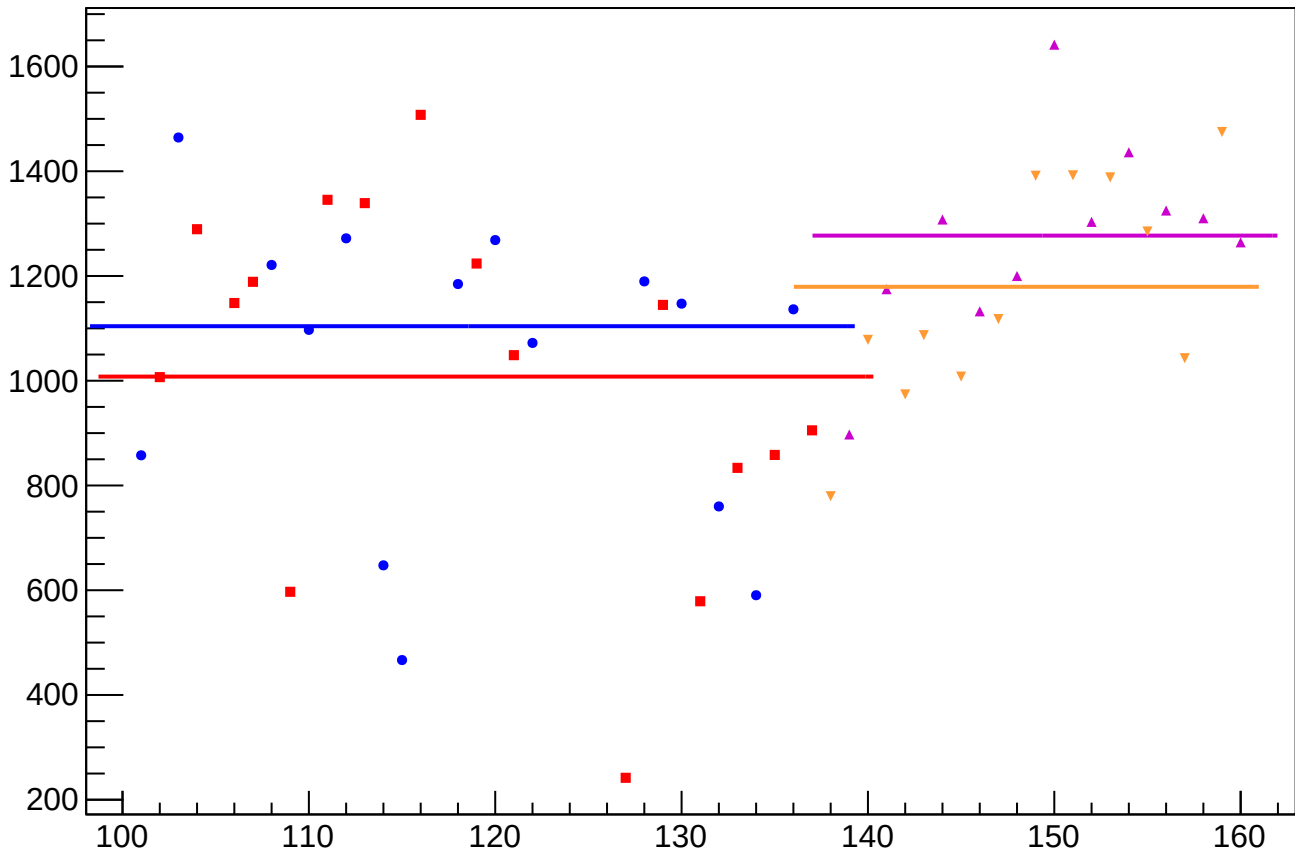
All: 315.450+/-0.000 χ^2/NDF : 133778300115

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

- sign 313.047+/-0.000 χ^2/NDF : 651629892548713

Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

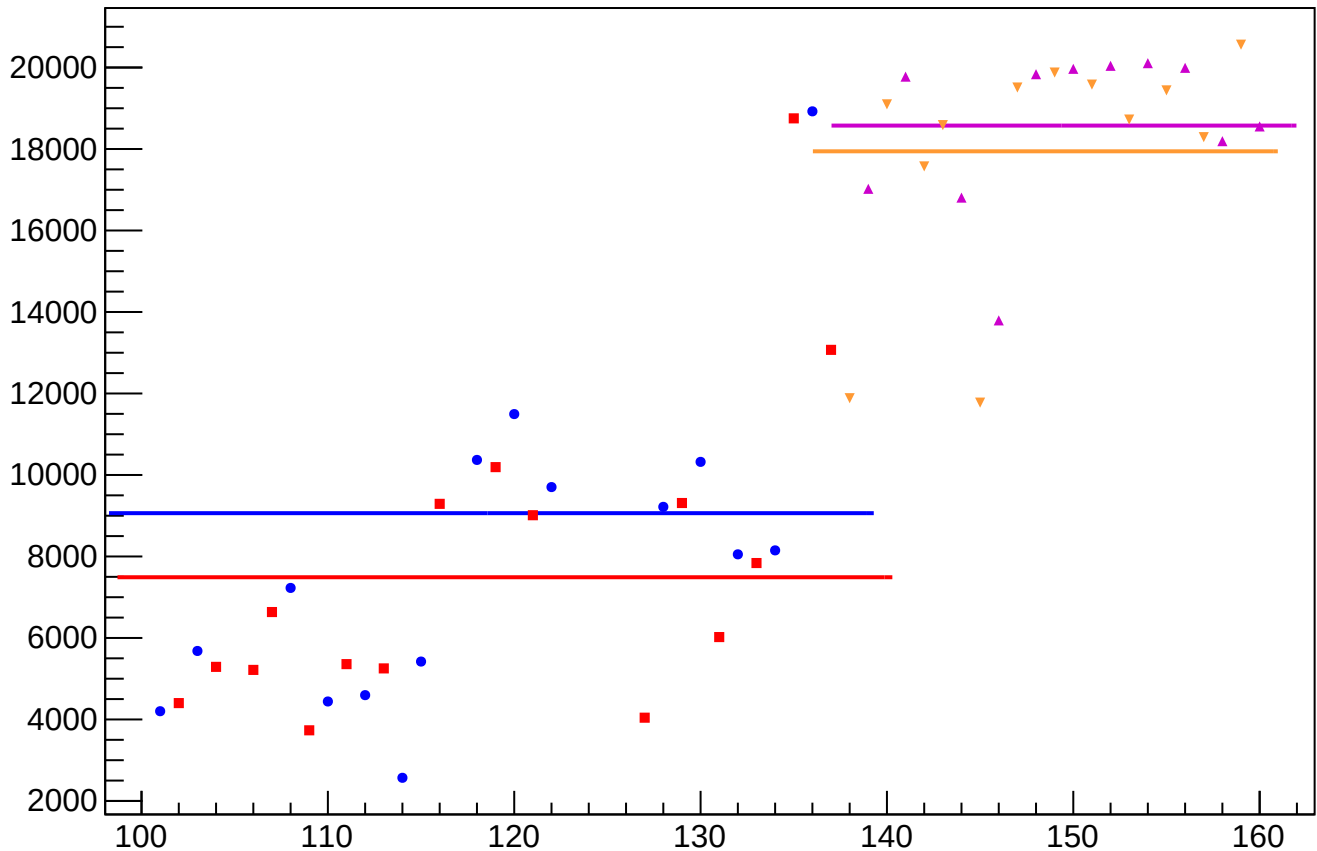
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

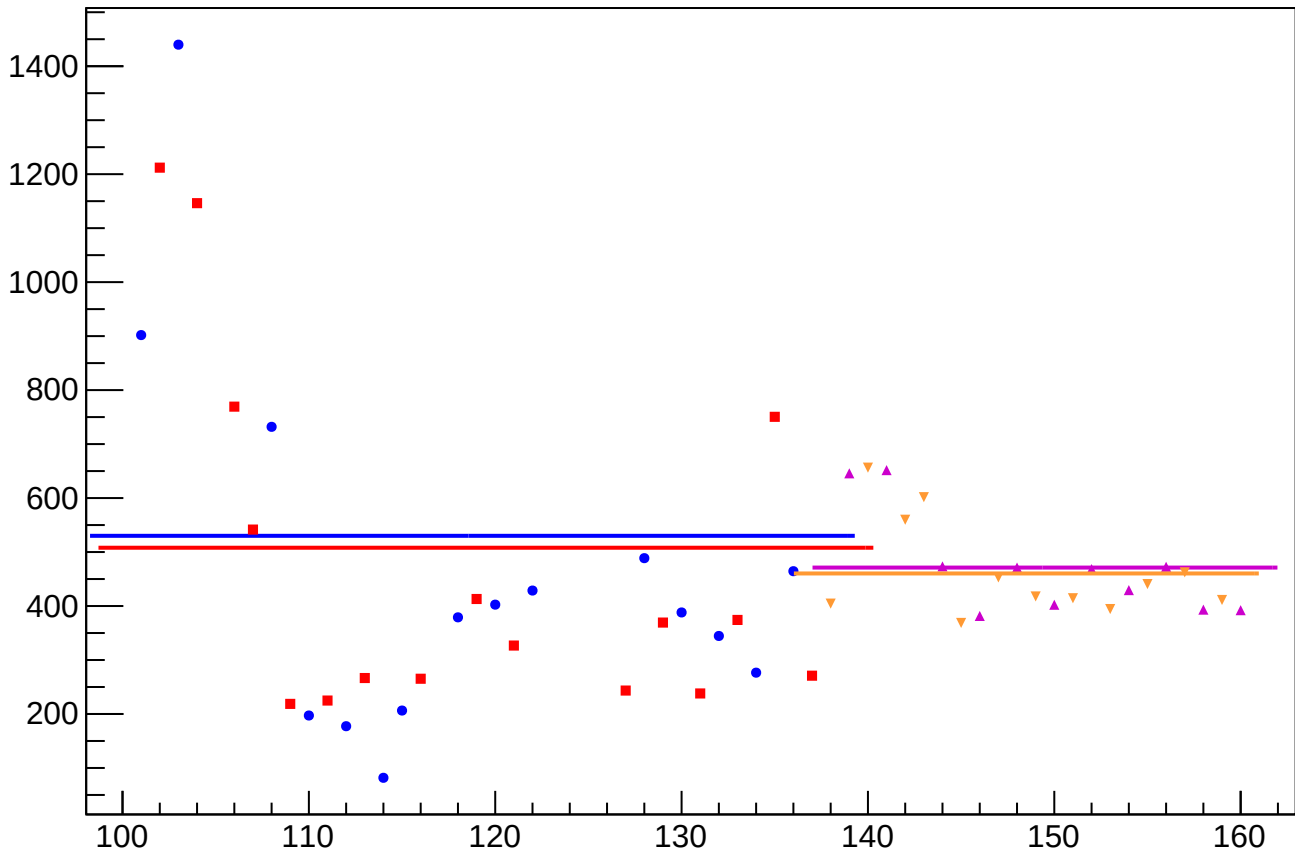
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17943.531+/-0.000 χ^2/NDF : 7473617733274816603280469921274378846208.0/11
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18574.874+/-0.000 χ^2/NDF : 3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



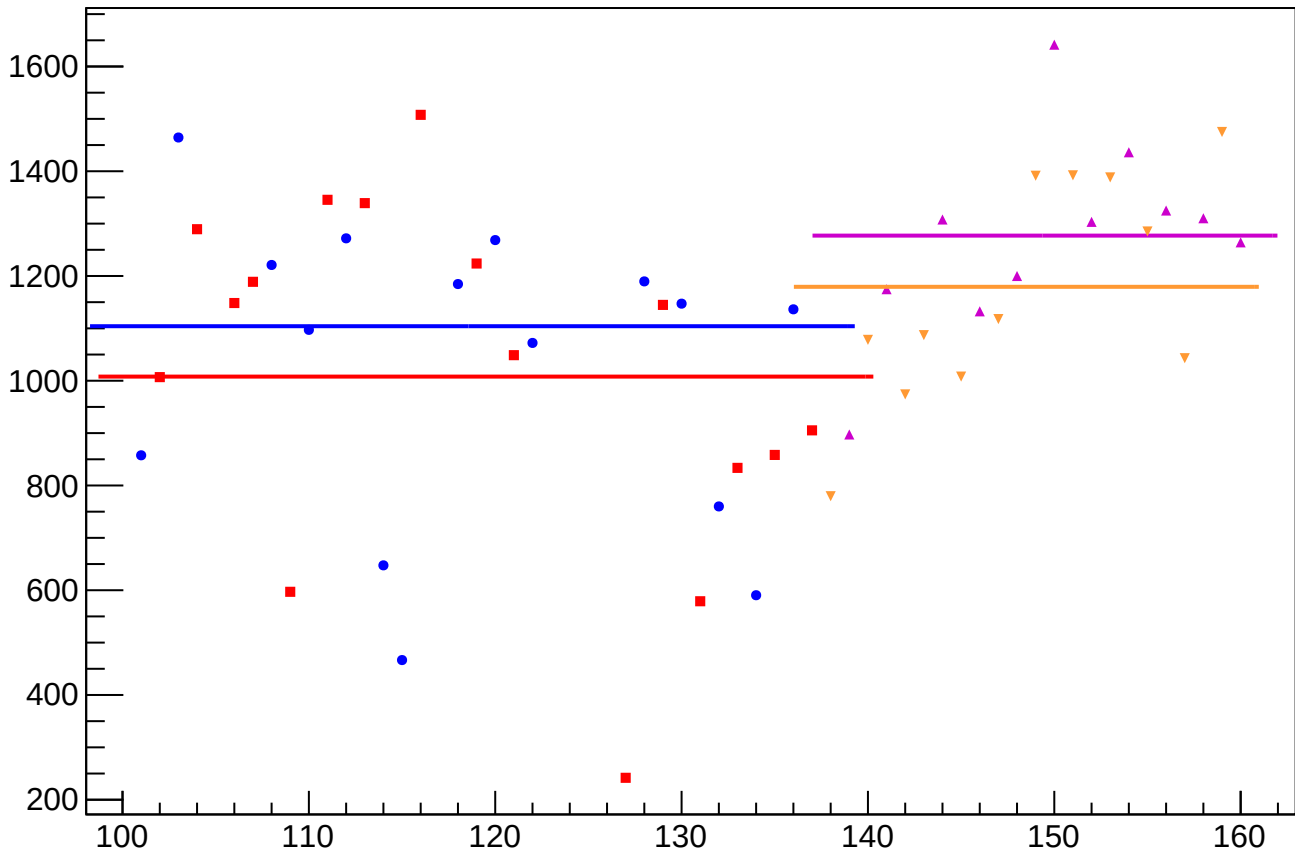
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14

Left Out: 460.312 $\pm$ 0.000 χ^2 /NDF: 6754606428371283053517529701630869504.0/11

Right Out: 507.987 $\pm$ 0.000 χ^2 /NDF: 76689734698308464337881841969555046400.0/15

Left In: 471.219 $\pm$ 0.000 χ^2 /NDF: 744597321916033625746772011051745280.0/10

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

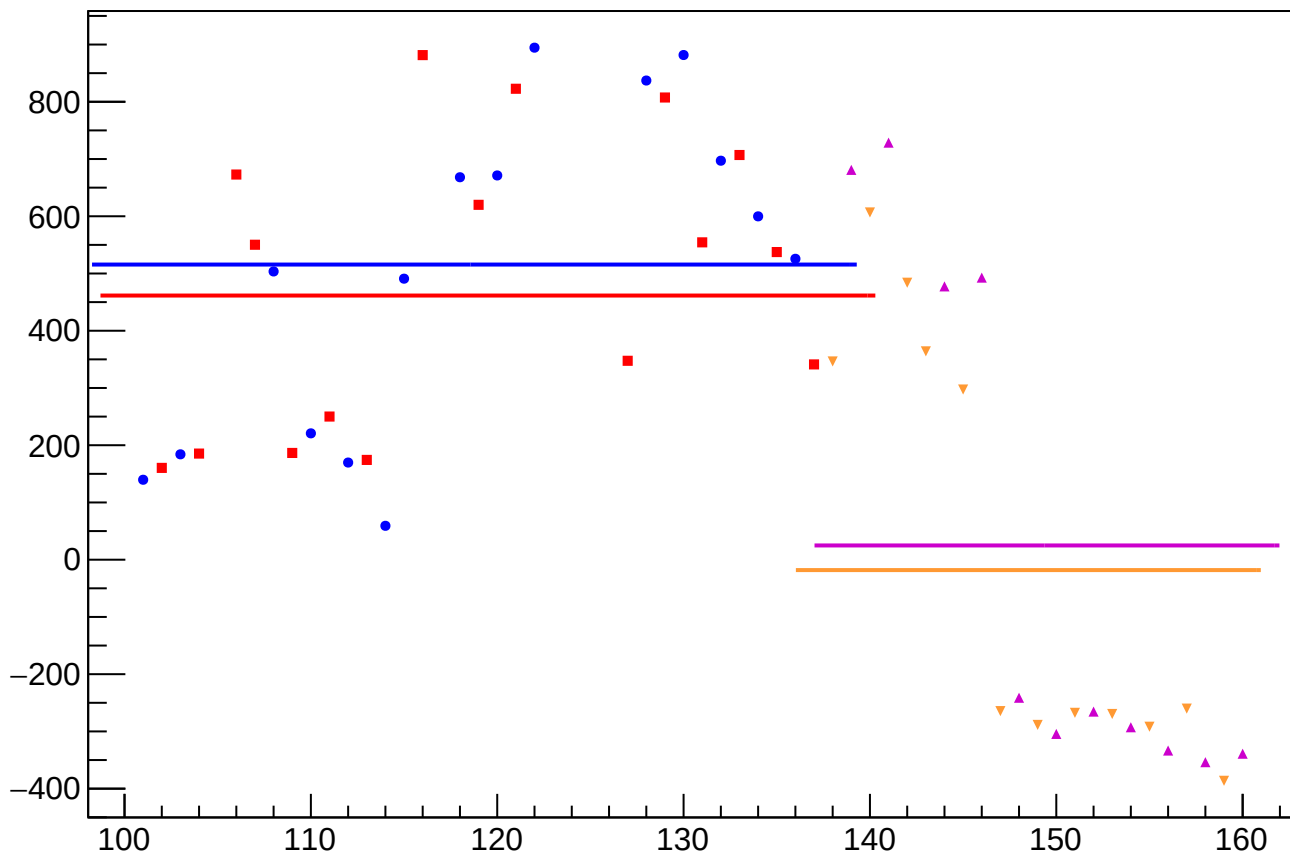
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

+ sign 203.495+/-0.000 χ^2/NDF : 270613075260864

Left Out: -18.146+/-0.000 χ^2/NDF : 114014627327363890146179797072763420672.0/11

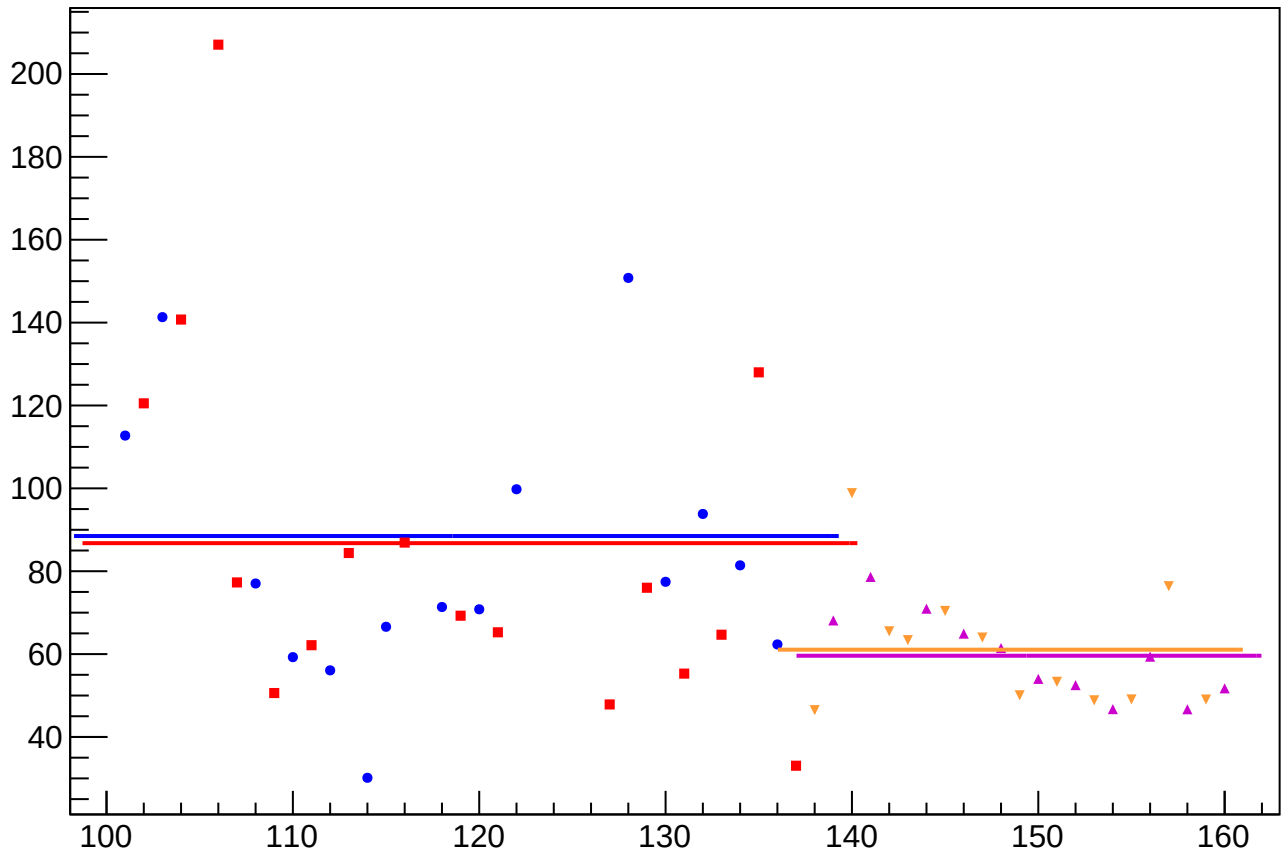
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 61.067+/-0.000 χ^2/NDF : 211507080213048507647331077961285632.0/11

Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

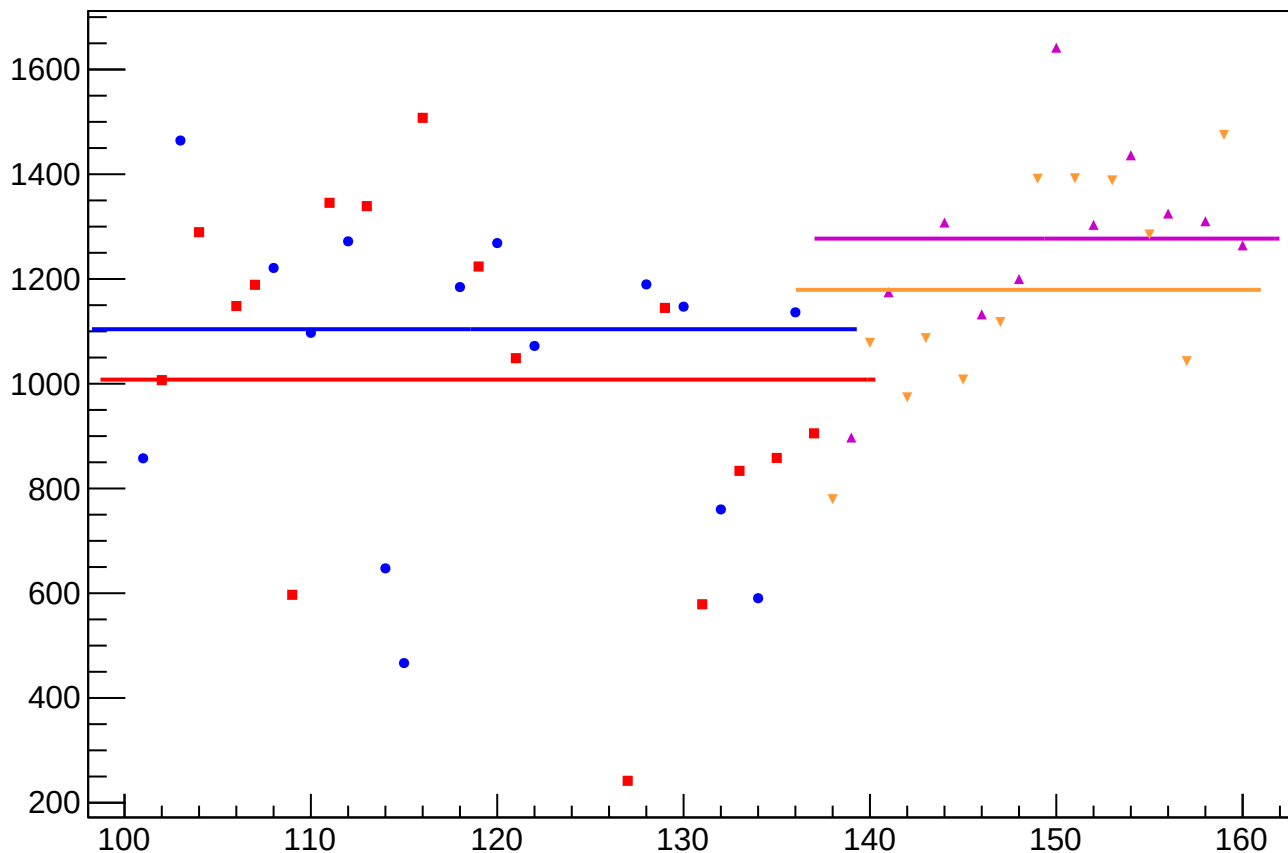
Left In: 59.604+/-0.000 χ^2/NDF : 90862625181985664375323463168032768.0/10

+ sign 72.455+/-0.000 χ^2/NDF : 1140205339739572

All: 71.718+/-0.000 χ^2/NDF : 2577899671839

- sign 70.994+/-0.000 χ^2/NDF : 1436012461961461

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

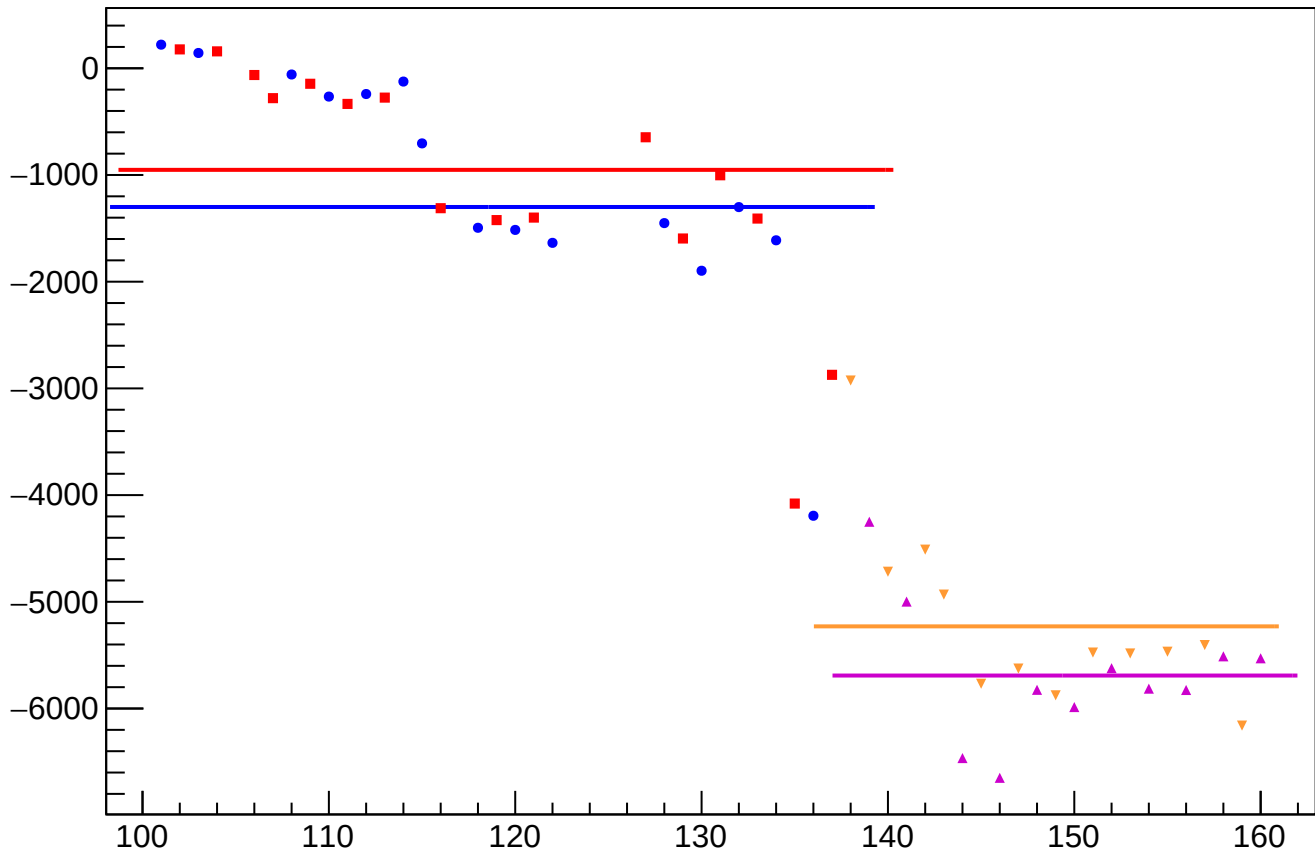
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -5230.164+/-0.000

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426

Right Out: -951.903+/-0.000

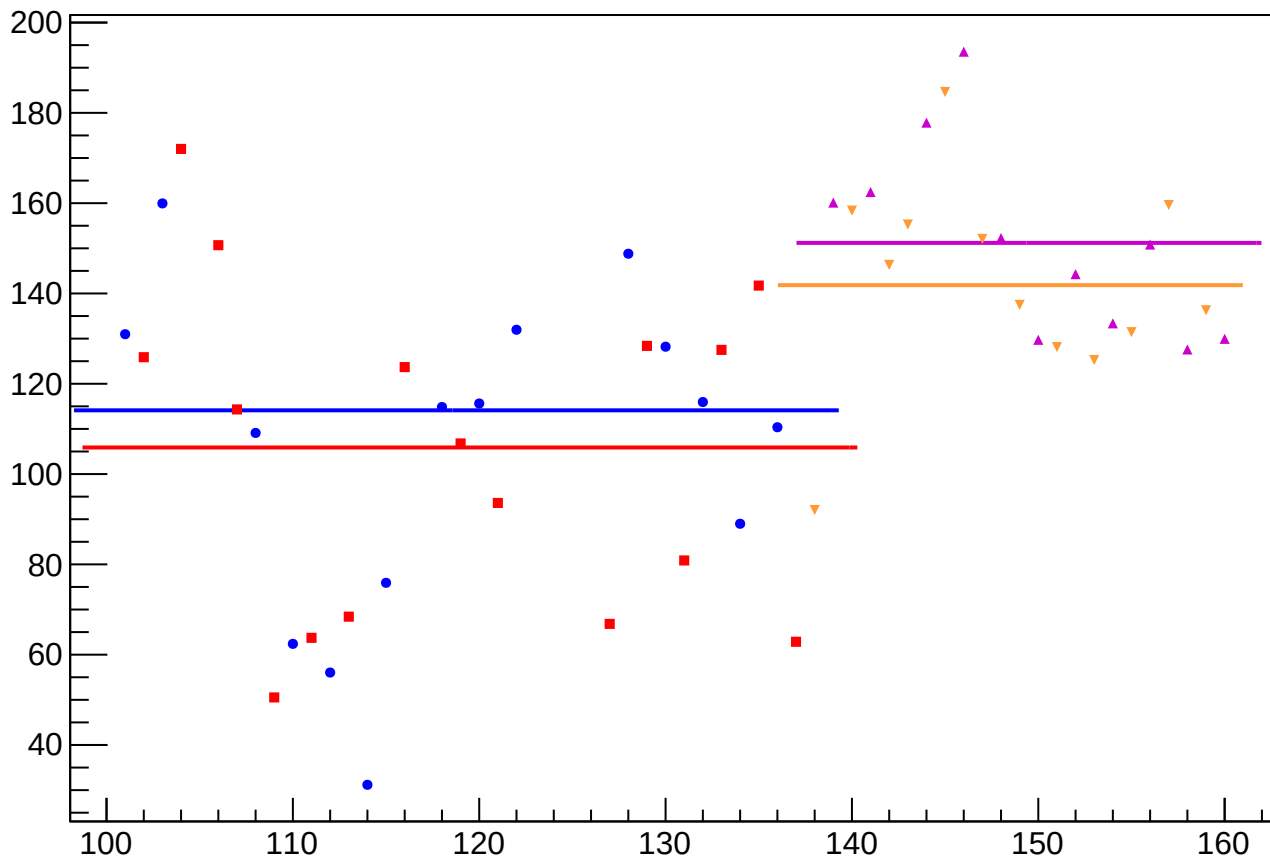
All: -3651.666+/-0.000 χ^2/NDF : 1758908860

Left In: -5690.941+/-0.000

- sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

χ^2/NDF : 355774620722948866968040460749891436544.0/10

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 141.844+/-0.000 χ^2/NDF : 455273254245846333149237795723673600.0/11

Right Out: 105.890+/-0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

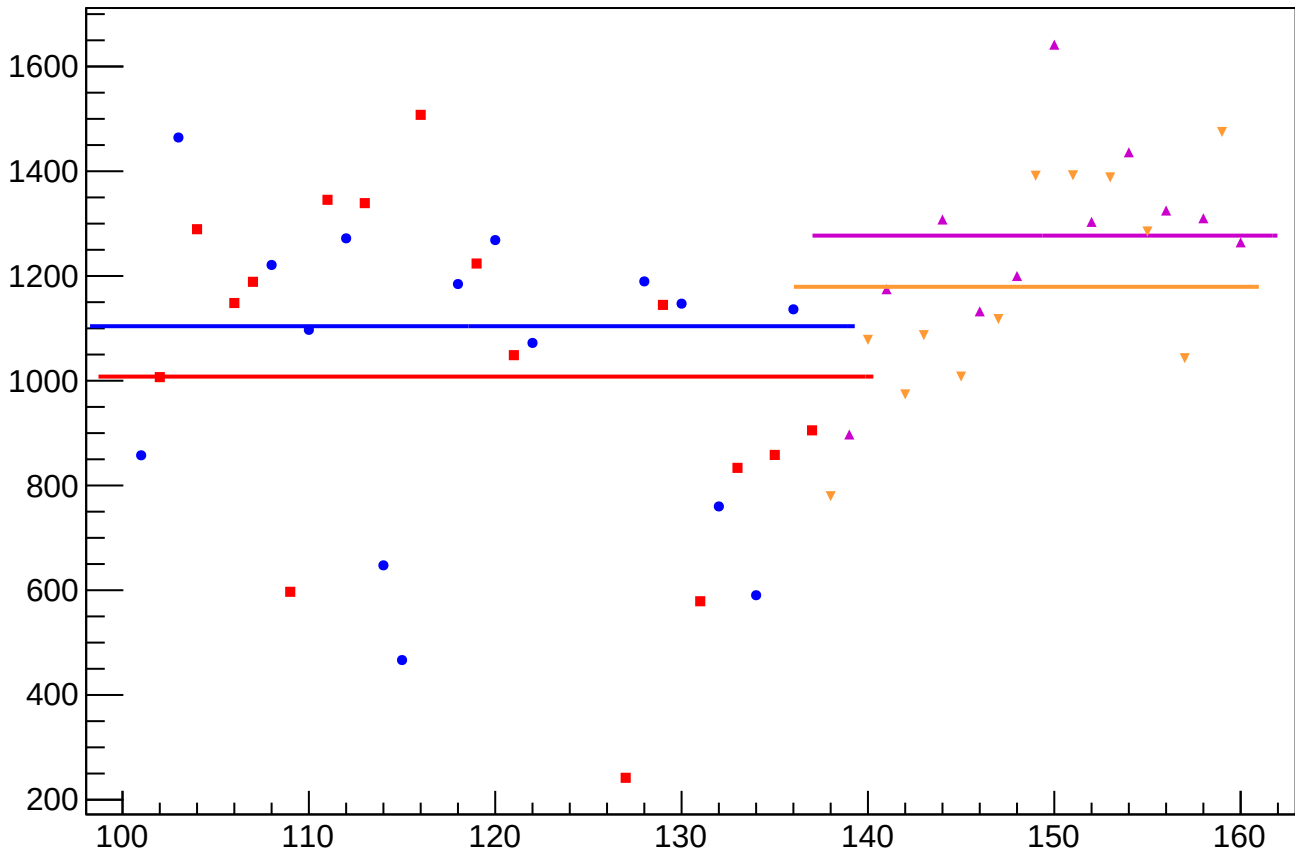
Left In: 151.203+/-0.000 χ^2/NDF : 382227652604999337577431549784096768.0/10

+ sign 130.331+/-0.000 χ^2/NDF : 135424557525506

All: 131.277+/-0.000 χ^2/NDF : 338649926322

- sign 132.206+/-0.000 χ^2/NDF : 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

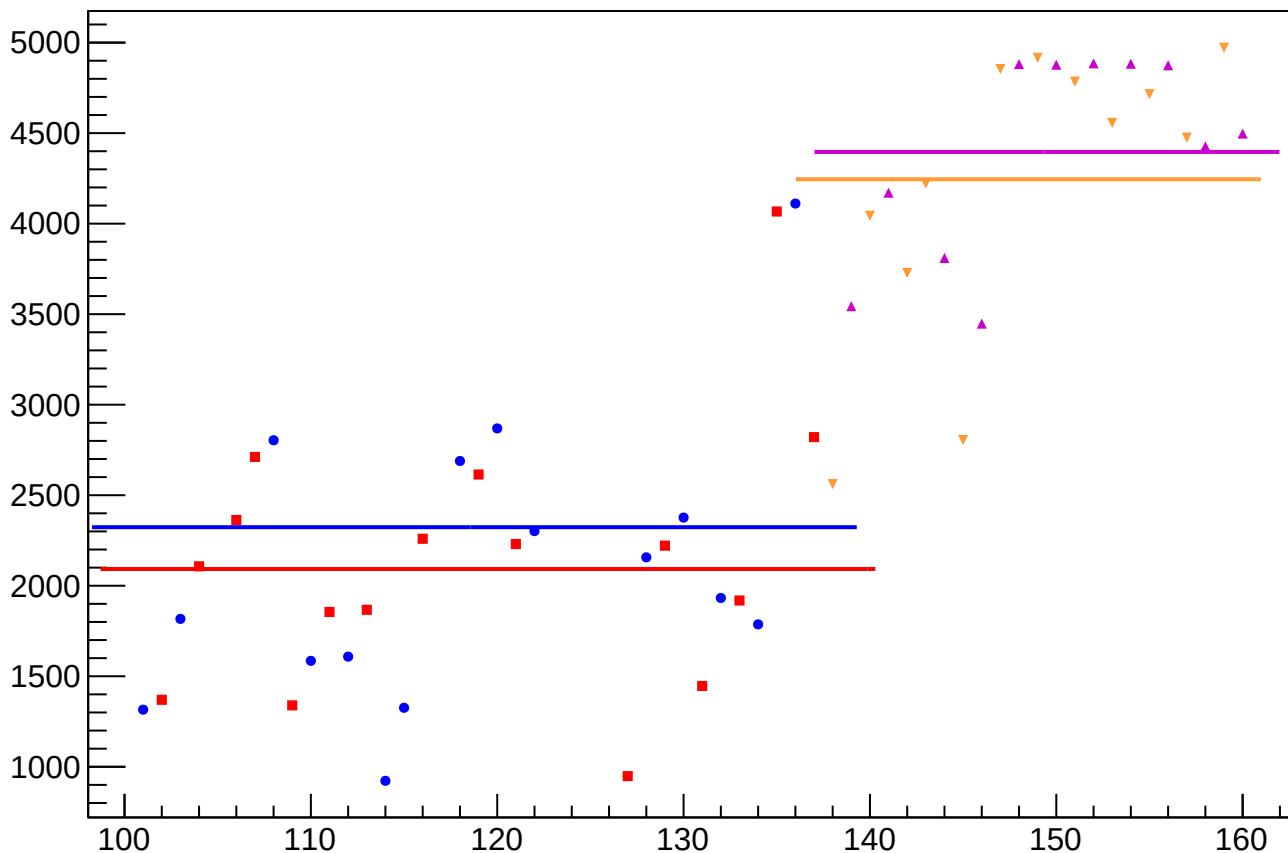
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

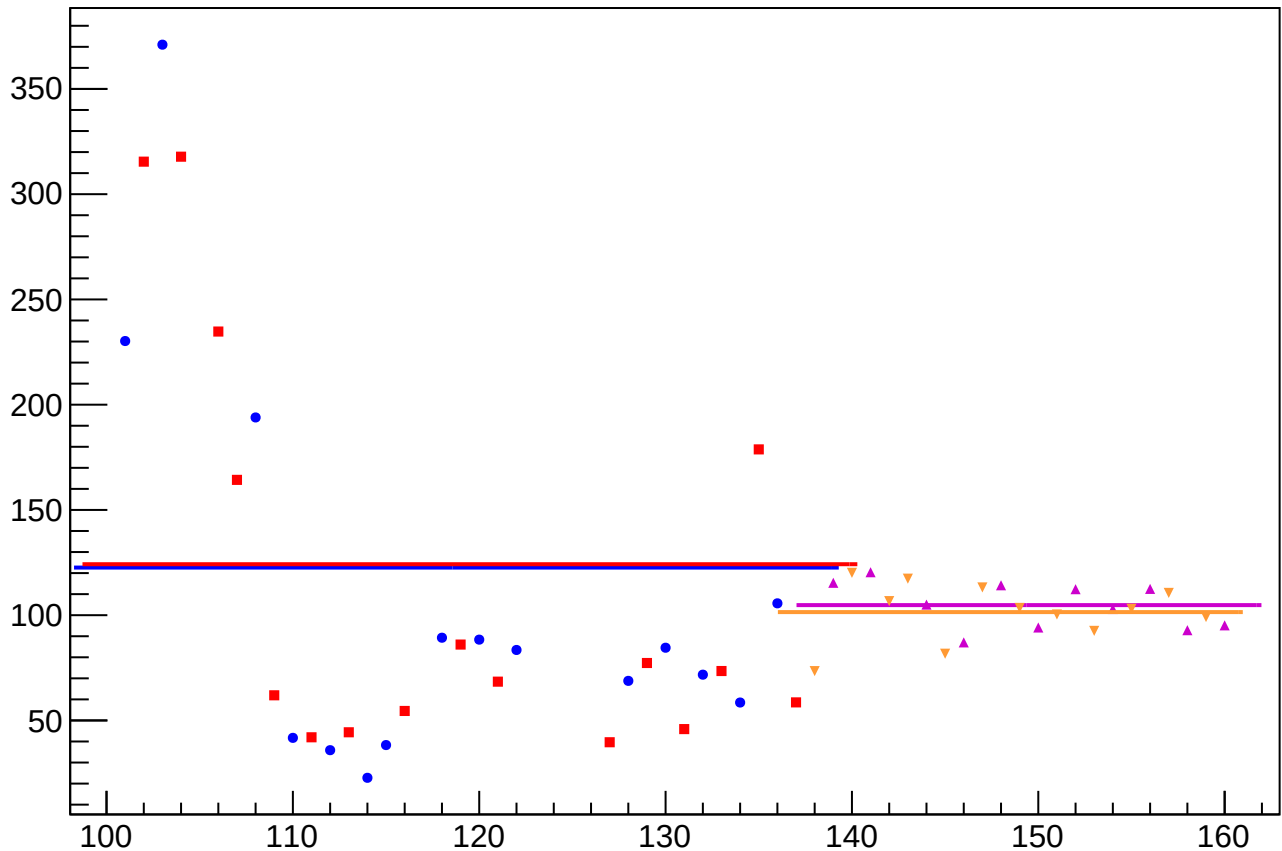
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



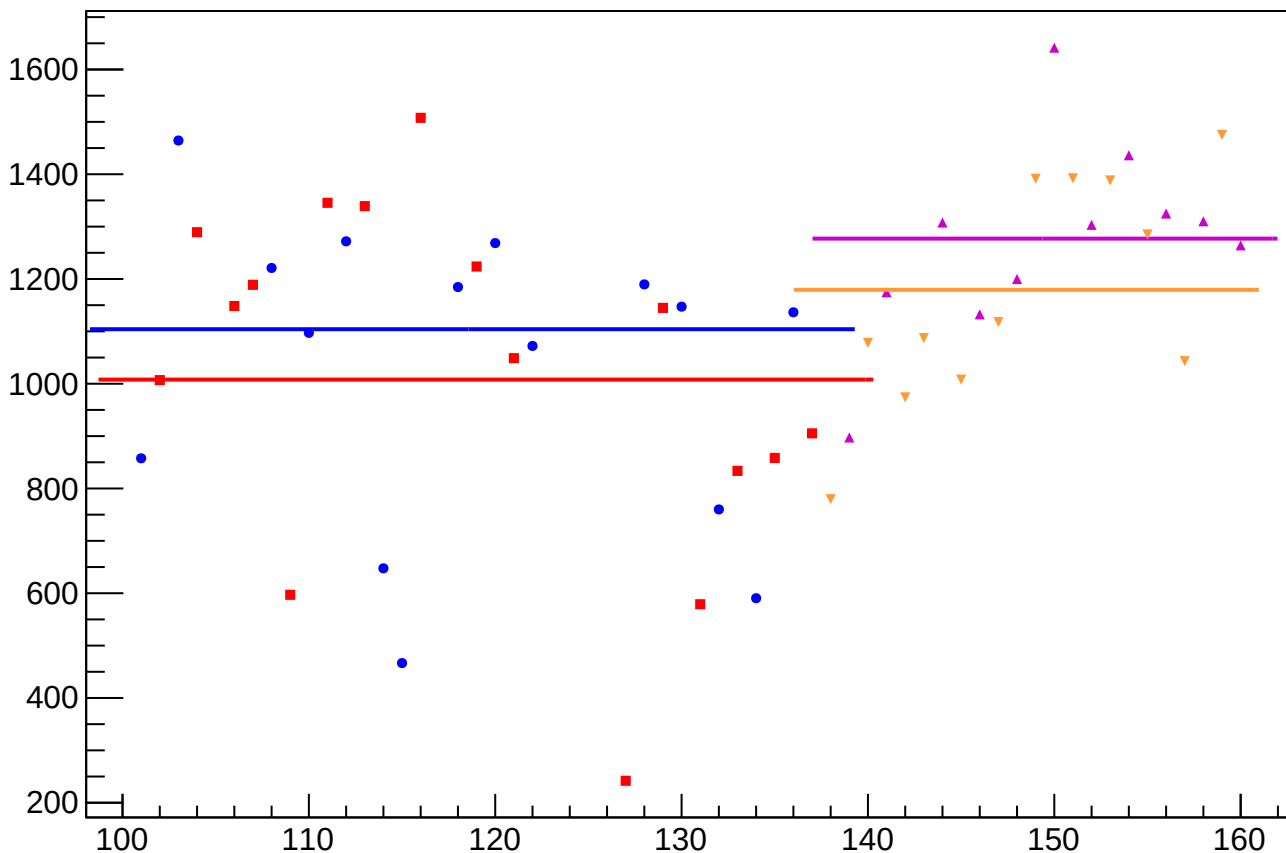
Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- sign 3430.319+/-0.000	χ^2/NDF : 26930874223674
Left In: 4396.069+/-0.000	χ^2/NDF : 270326441631367265143713722564756897792.0/10		

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14
 Left Out: 101.470+/-0.000 χ^2/NDF : 163606586609215515174601139620413440.0/11
 Right Out: 124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15
 Left In: 104.786+/-0.000 χ^2/NDF : 102013785381333837493435451846950912.0/10

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 +/- 0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

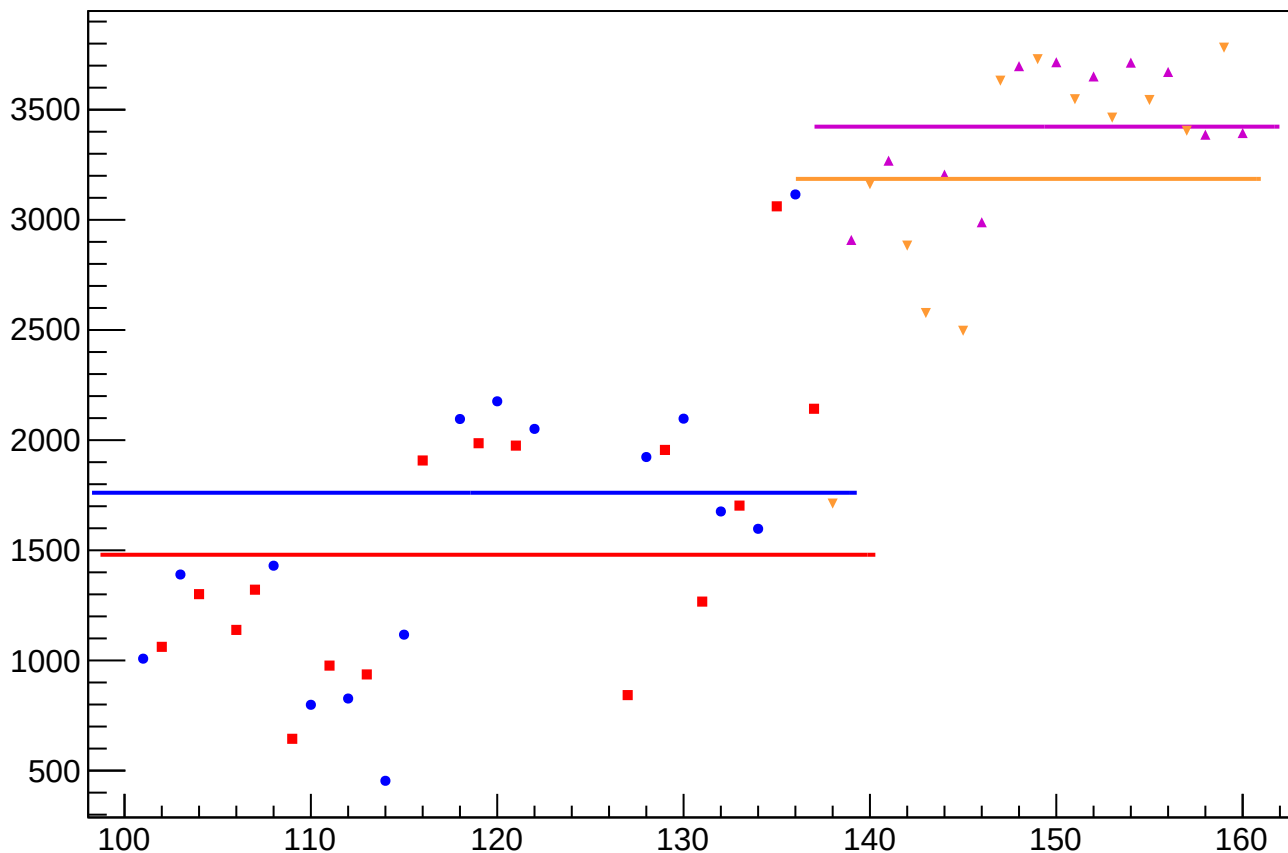
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100 +/- 0.000 χ^2/NDF : 73628368958625

All: 1156.244 +/- 0.000 χ^2/NDF : 20056102034

- sign 1164.243 +/- 0.000 χ^2/NDF : 12672719249309

dit_sam8_coil3_mean vs Slug



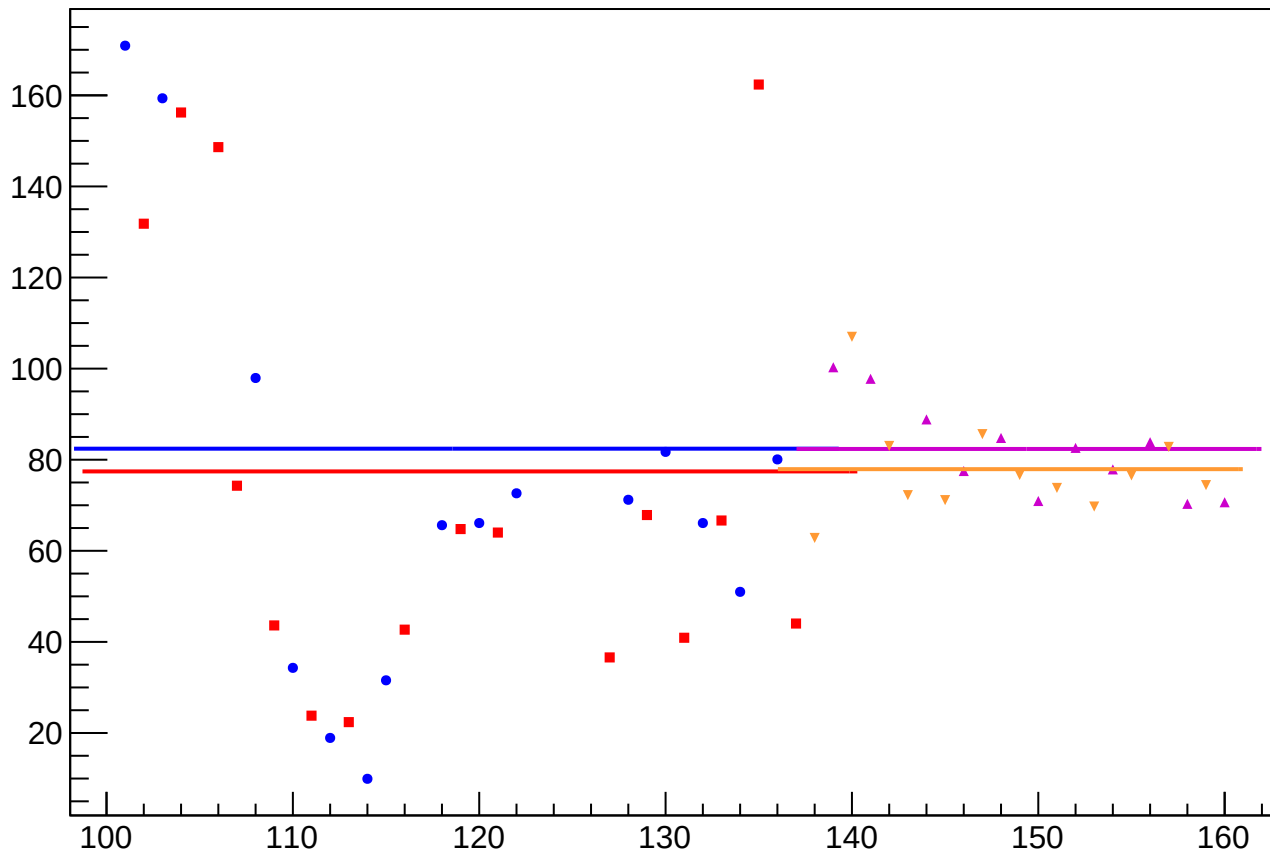
Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 77.927+/-0.000 χ^2/NDF : 108816585289567770159719515210907648.0/11

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

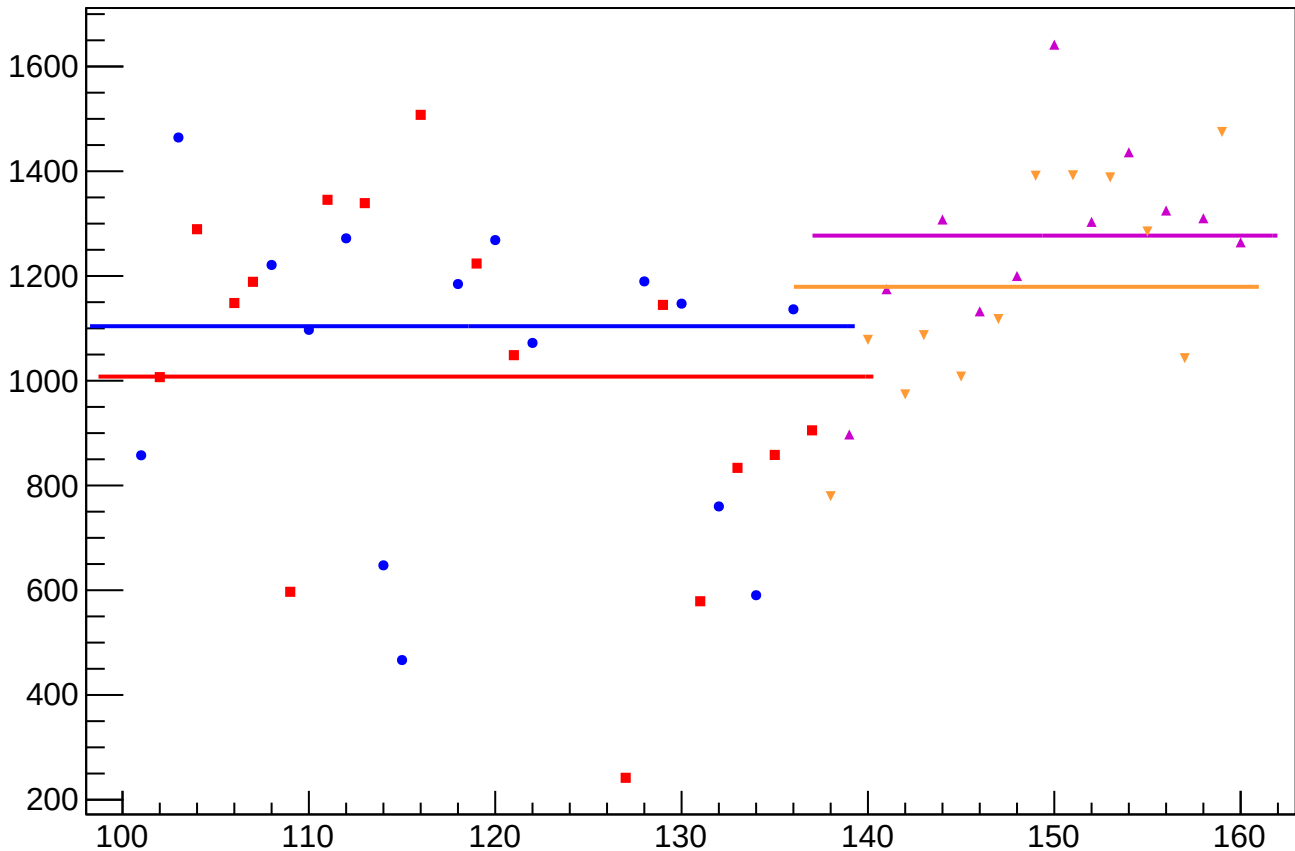
Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

+ sign 79.794+/-0.000 χ^2/NDF : 1380118069986945

All: 80.046+/-0.000 χ^2/NDF : 2993351942483

- sign 80.294+/-0.000 χ^2/NDF : 1613036492452020

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

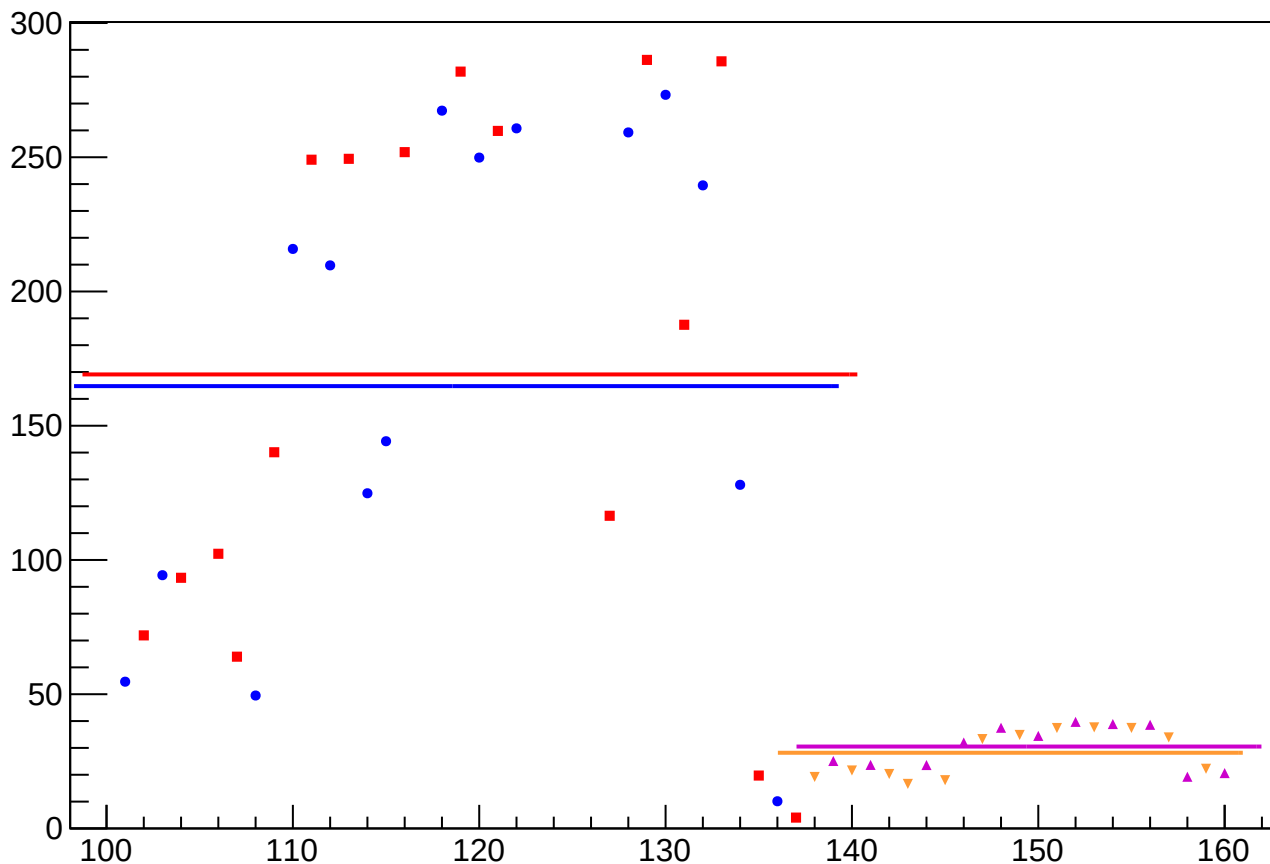
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



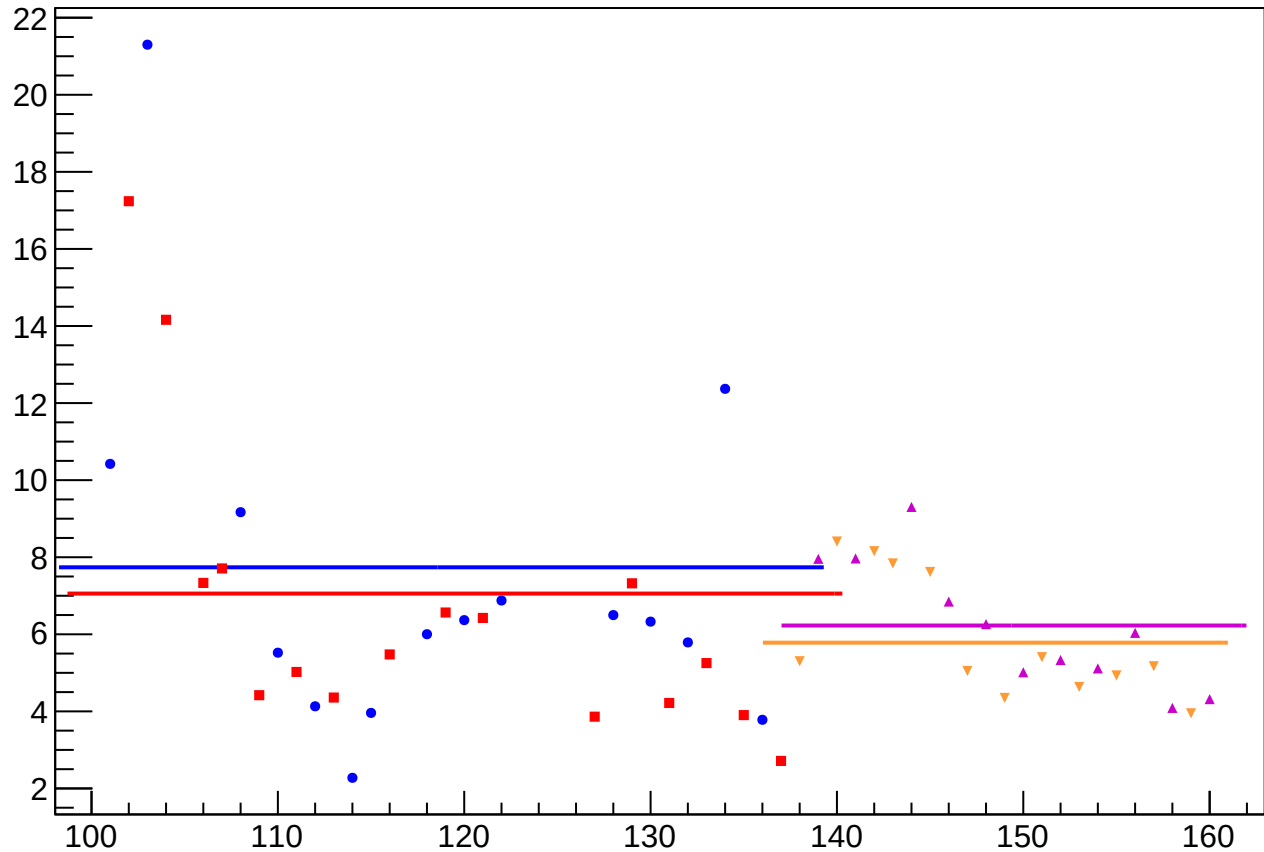
Right In: 164.752 $\pm$ 0.000 χ^2 /NDF: 6369828943181833917425699916554960896.0/14

Left Out: 28.192 $\pm$ 0.000 χ^2 /NDF: 62073928949862768083975059378536448.0/11

Right Out: 169.108 $\pm$ 0.000 χ^2 /NDF: 6040721802042936822766910687819071488.0/15

Left In: 30.507 $\pm$ 0.000 χ^2 /NDF: 52600700148274049801586699671699456.0/10

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.783+/-0.000 χ^2/NDF : 2082103650411209995862519006101504.0/11

Right Out: 7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

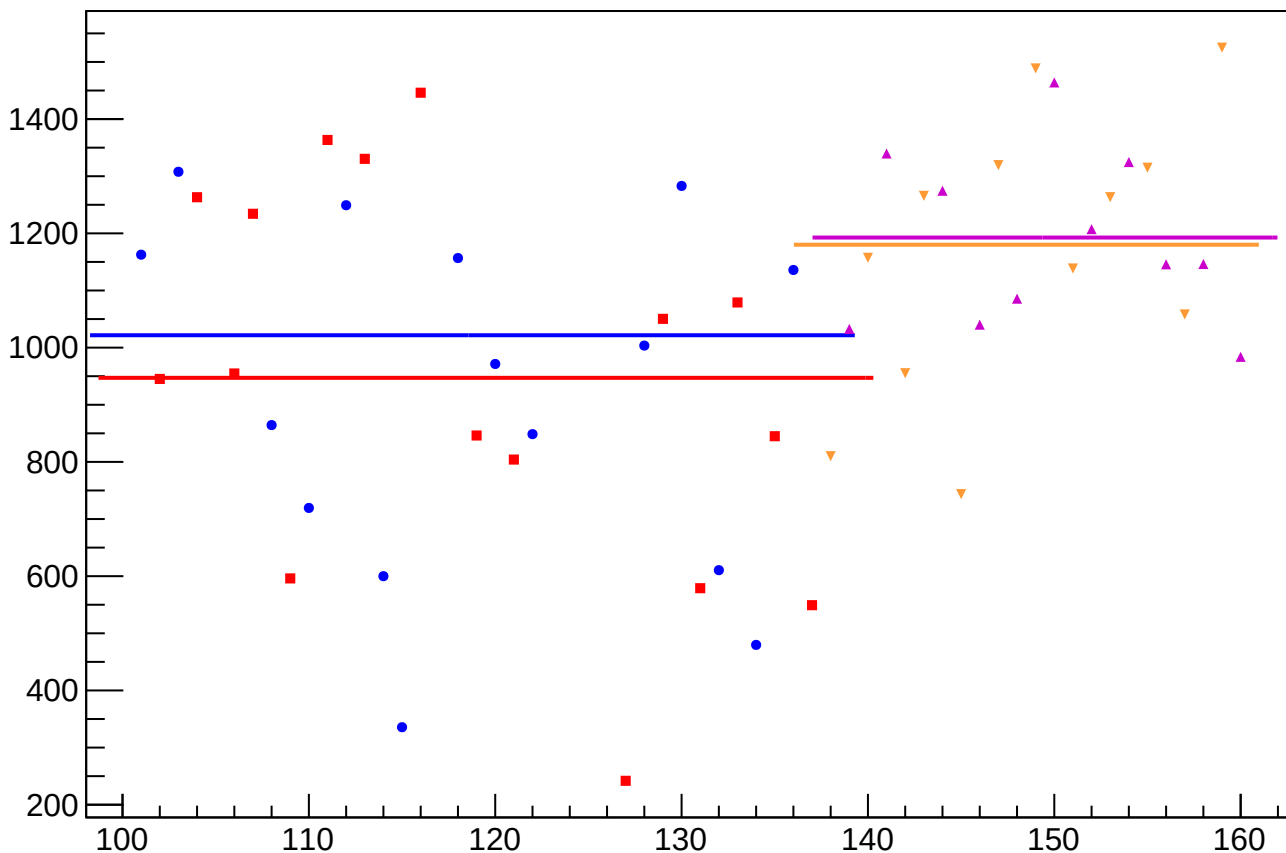
Left In: 6.228+/-0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

+ sign 6.595+/-0.000 χ^2/NDF : 18660029983466047

All: 6.585+/-0.000 χ^2/NDF : 32551119469805

- sign 6.575+/-0.000 χ^2/NDF : 13890781213861884

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

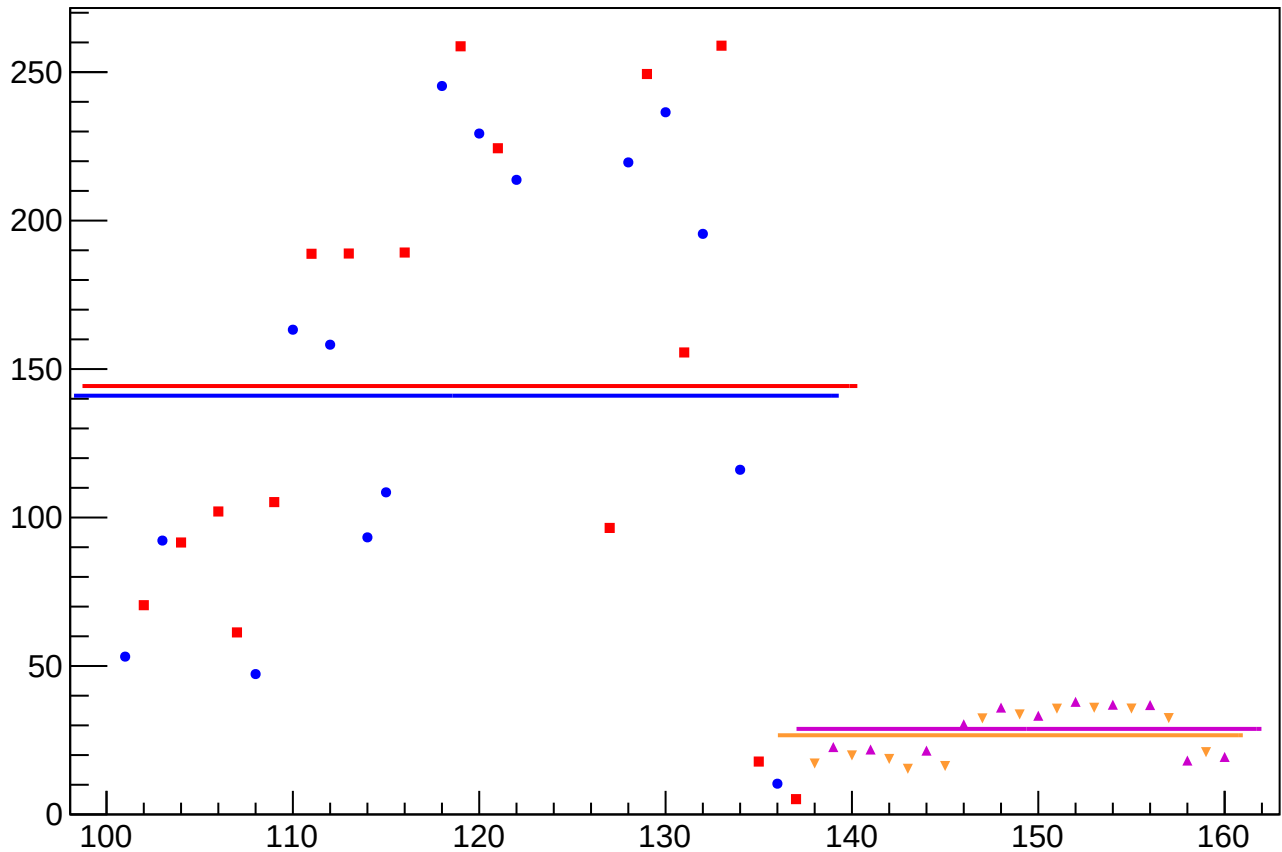
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

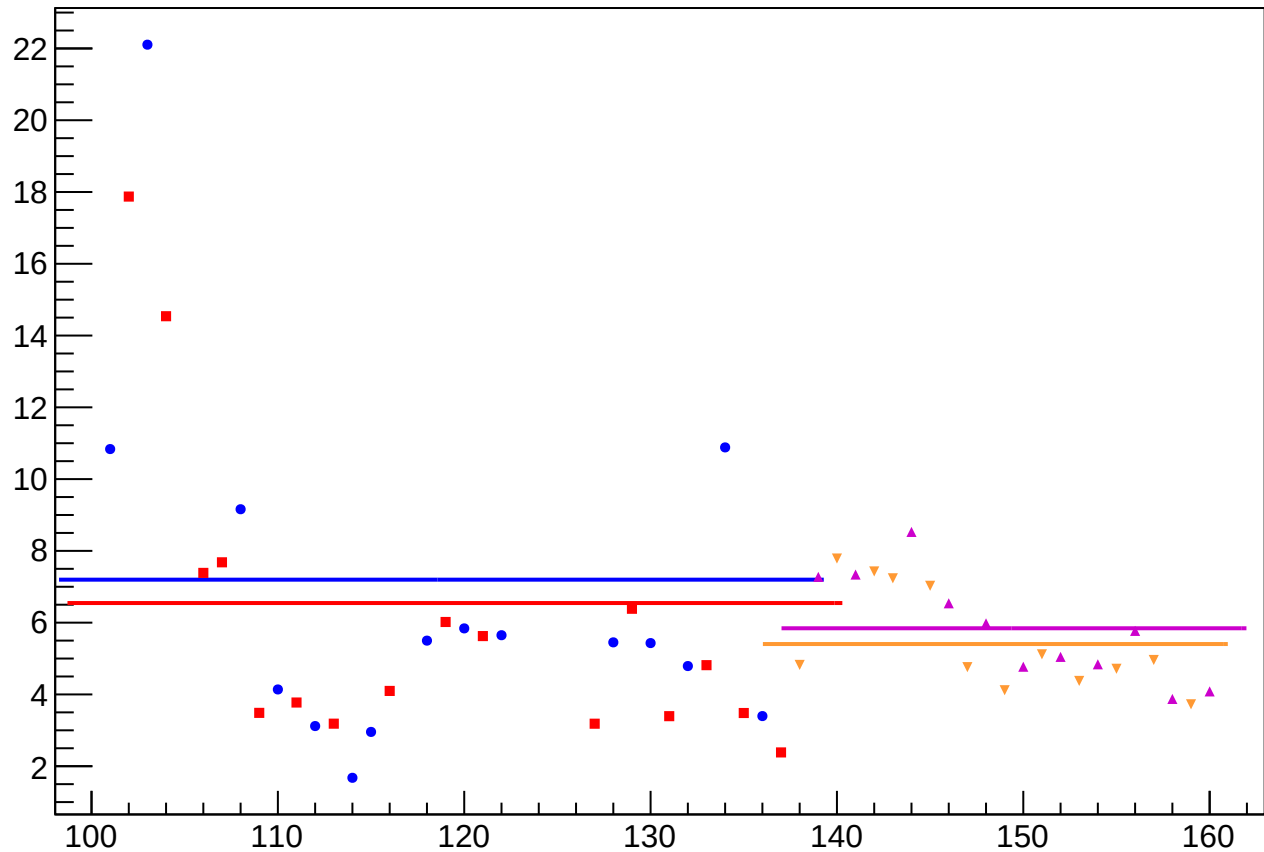
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14
 Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11
 Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15
 Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10
 All: 75.703+/-0.000 χ^2/NDF : 1902686413208
 + sign 74.155+/-0.000 χ^2/NDF : 9534162342398363
 - sign 77.224+/-0.000 χ^2/NDF : 9485278065945565

dit_4eX_coil7_err_mean vs Slug



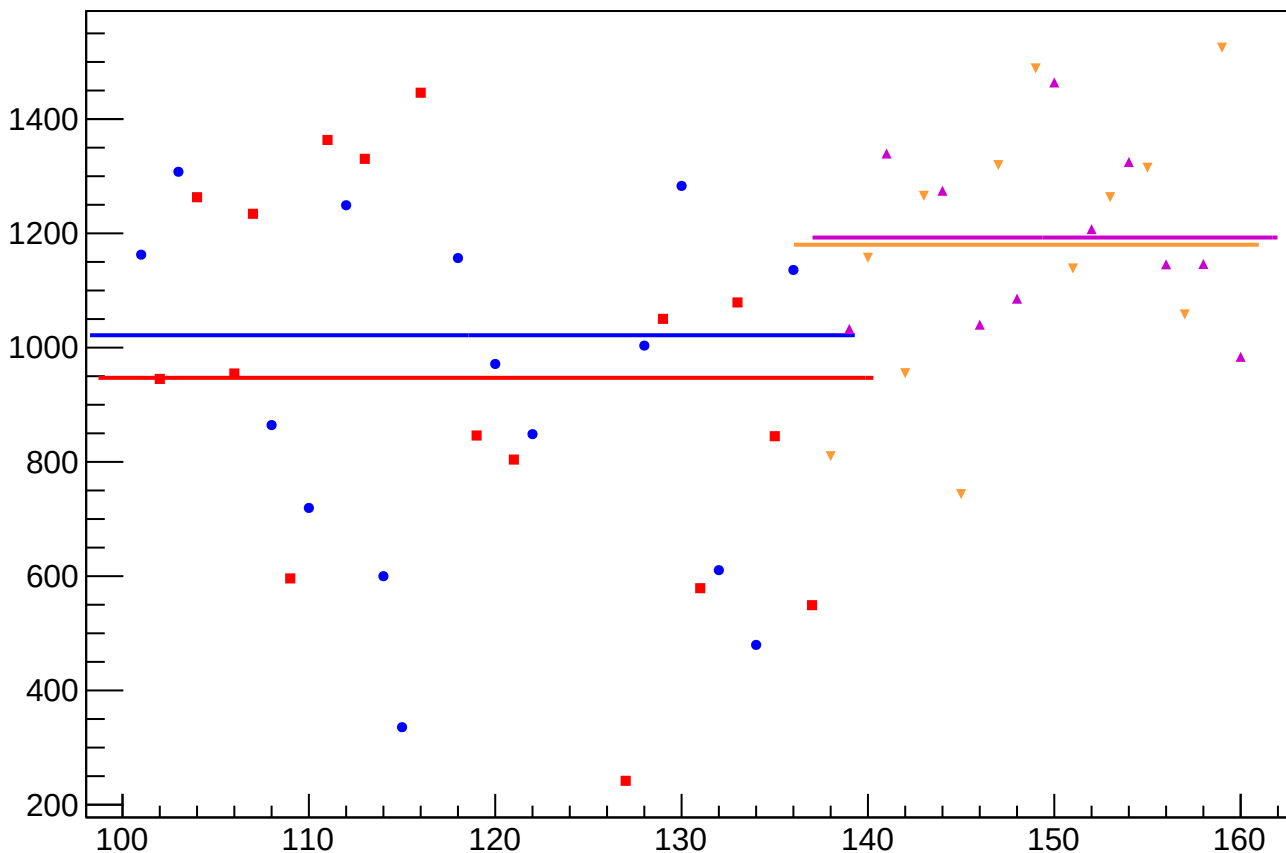
Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF : 1657476673222734549536062415306752.0/11

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

Left In: 5.843+/-0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

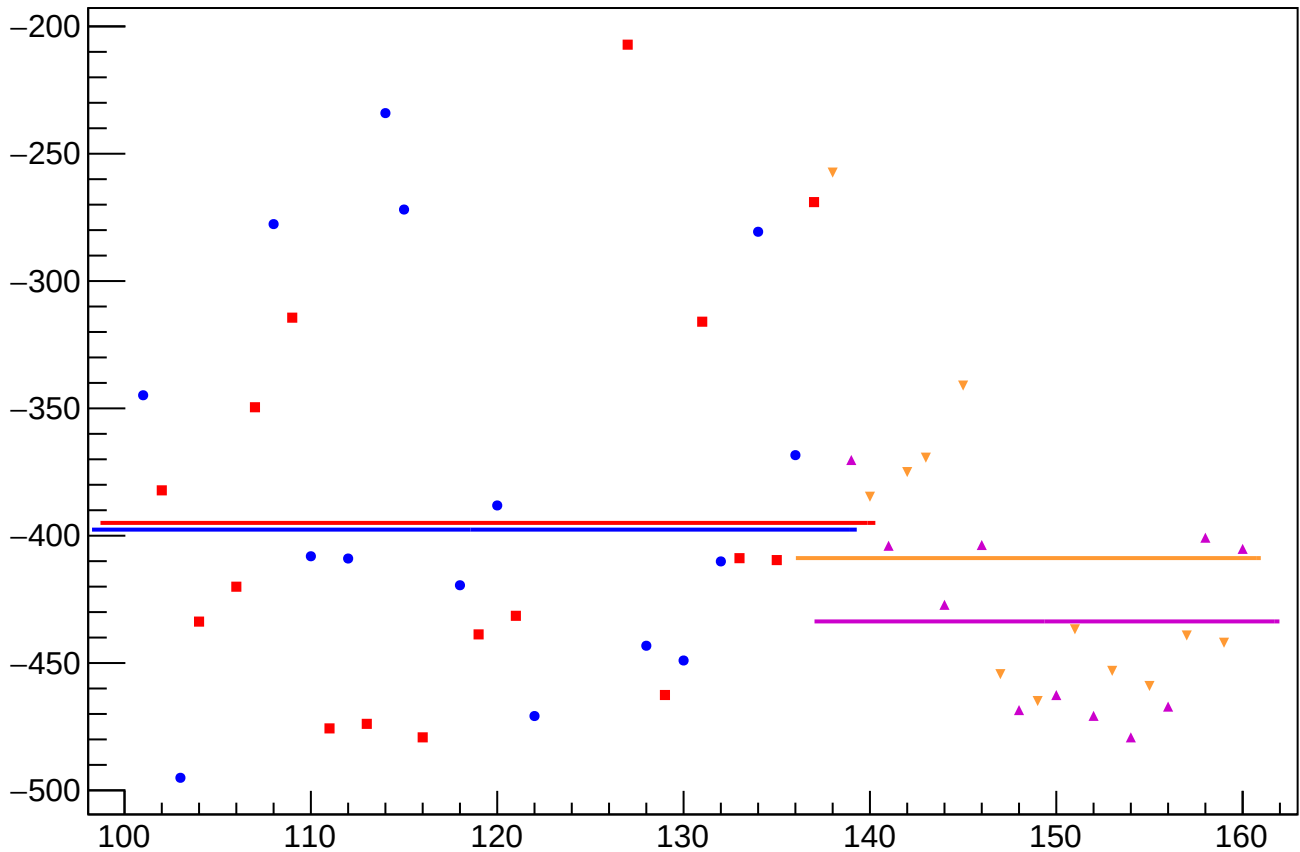
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

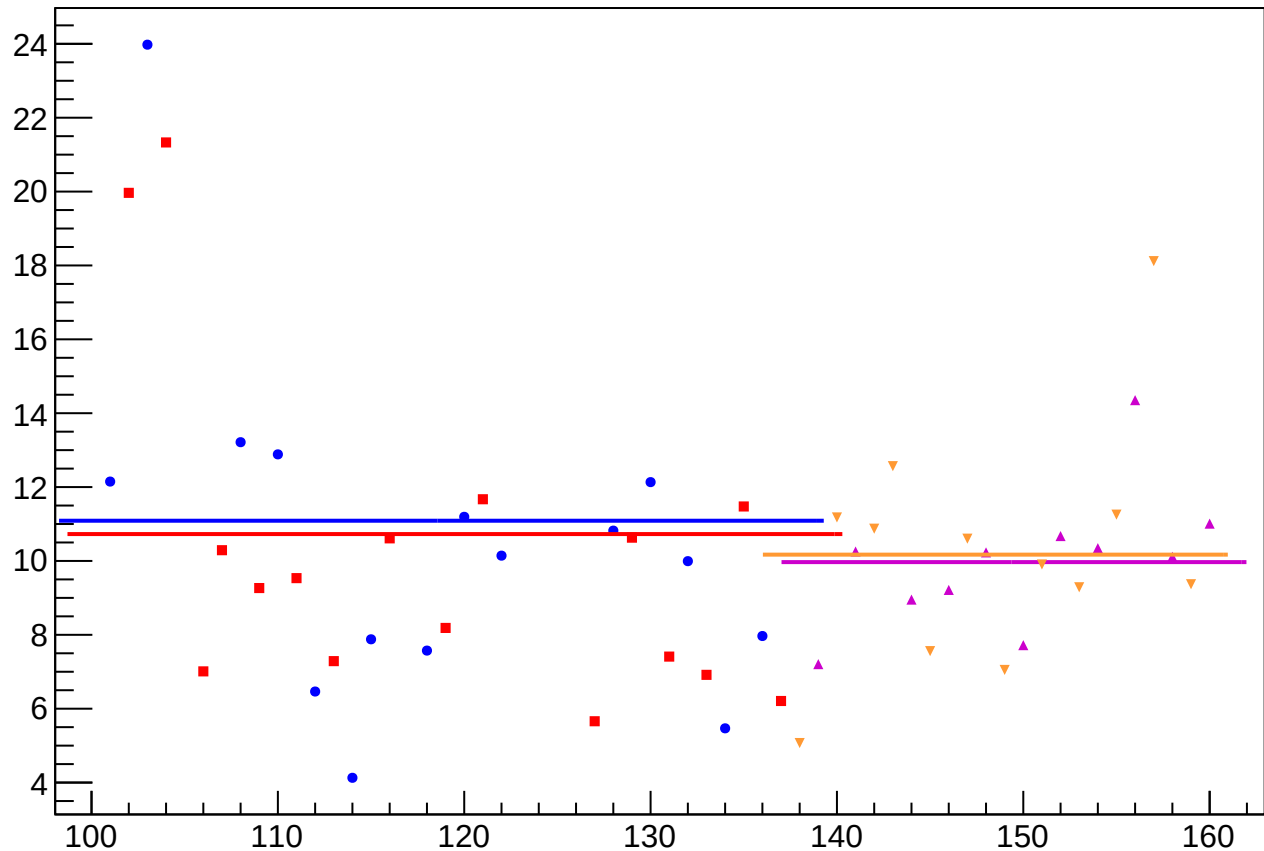
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613 ± 0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14
 Left Out: -408.794 ± 0.000 χ^2/NDF : 3366573213961692909439105040404971520.0/11
 Right Out: -394.973 ± 0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15
 Left In: -433.664 ± 0.000 χ^2/NDF : 1198237421385461104687495484599697408.0/10

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089±/-0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

Left Out: 10.171±/-0.000 χ^2/NDF : 9089684940831859823552687731900416.0/11

Right Out: 10.728±/-0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

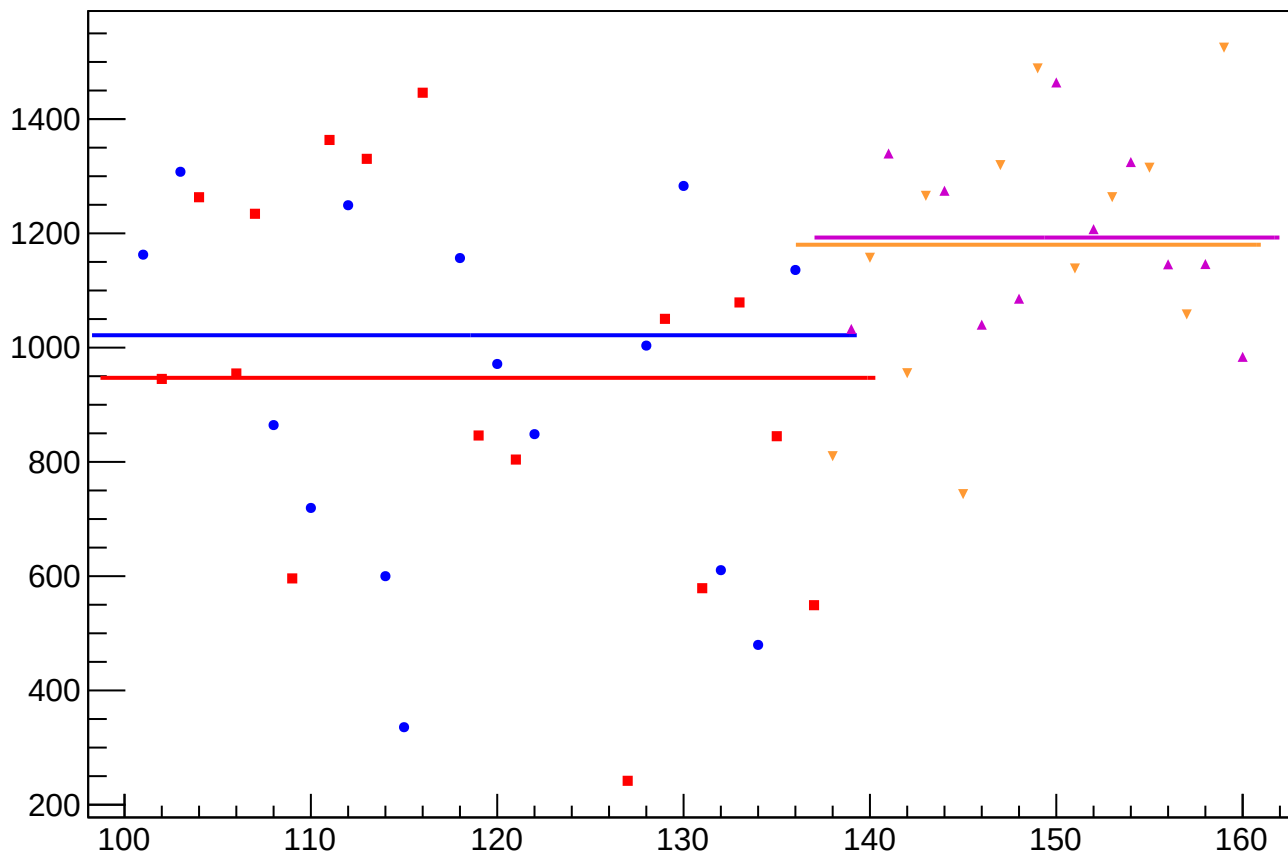
Left In: 9.968±/-0.000 χ^2/NDF : 2905664542402179840795878184976384.0/10

+ sign 10.552±/-0.000 χ^2/NDF : 2364557431902666

All: 10.418±/-0.000 χ^2/NDF : 4159719349794

- sign 10.287±/-0.000 χ^2/NDF : 1789615499240610

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

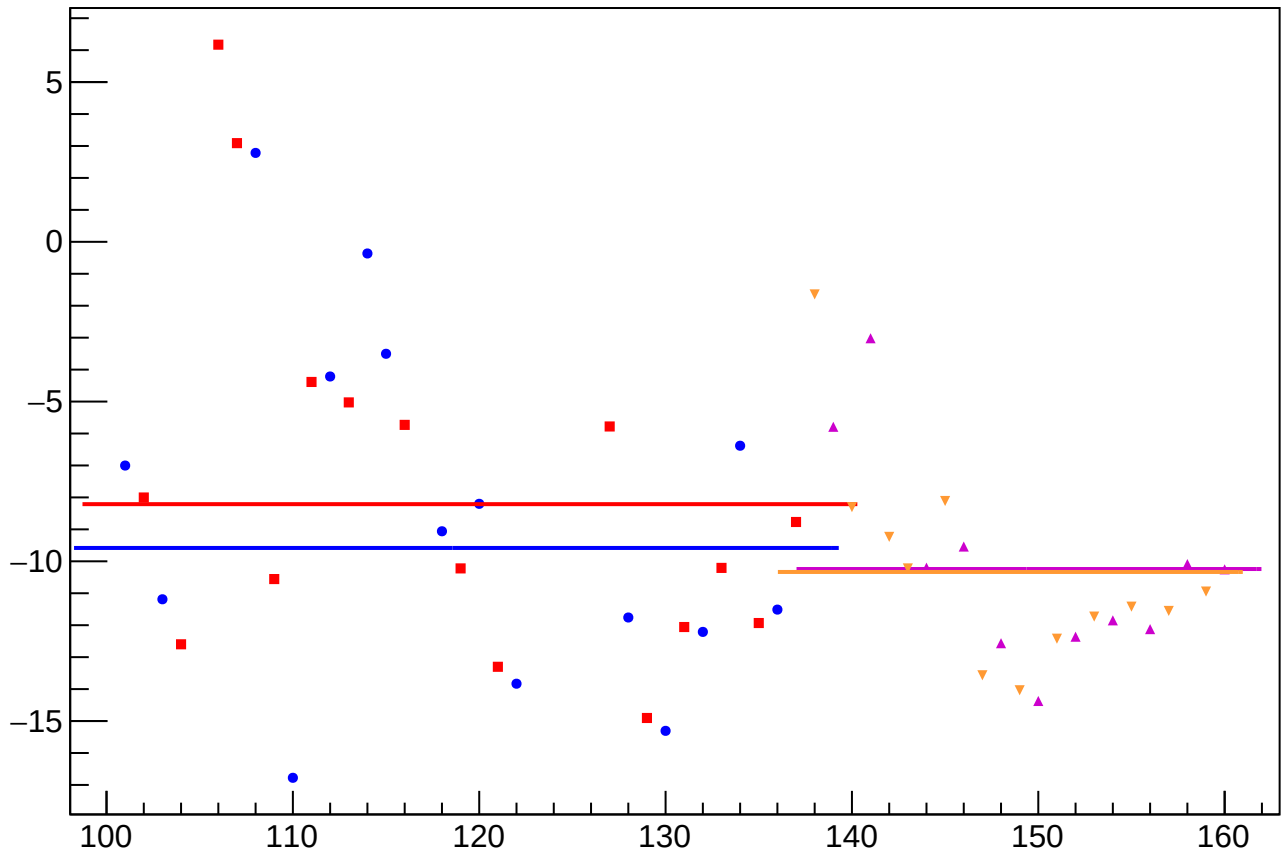
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aY_coil7_mean vs Slug



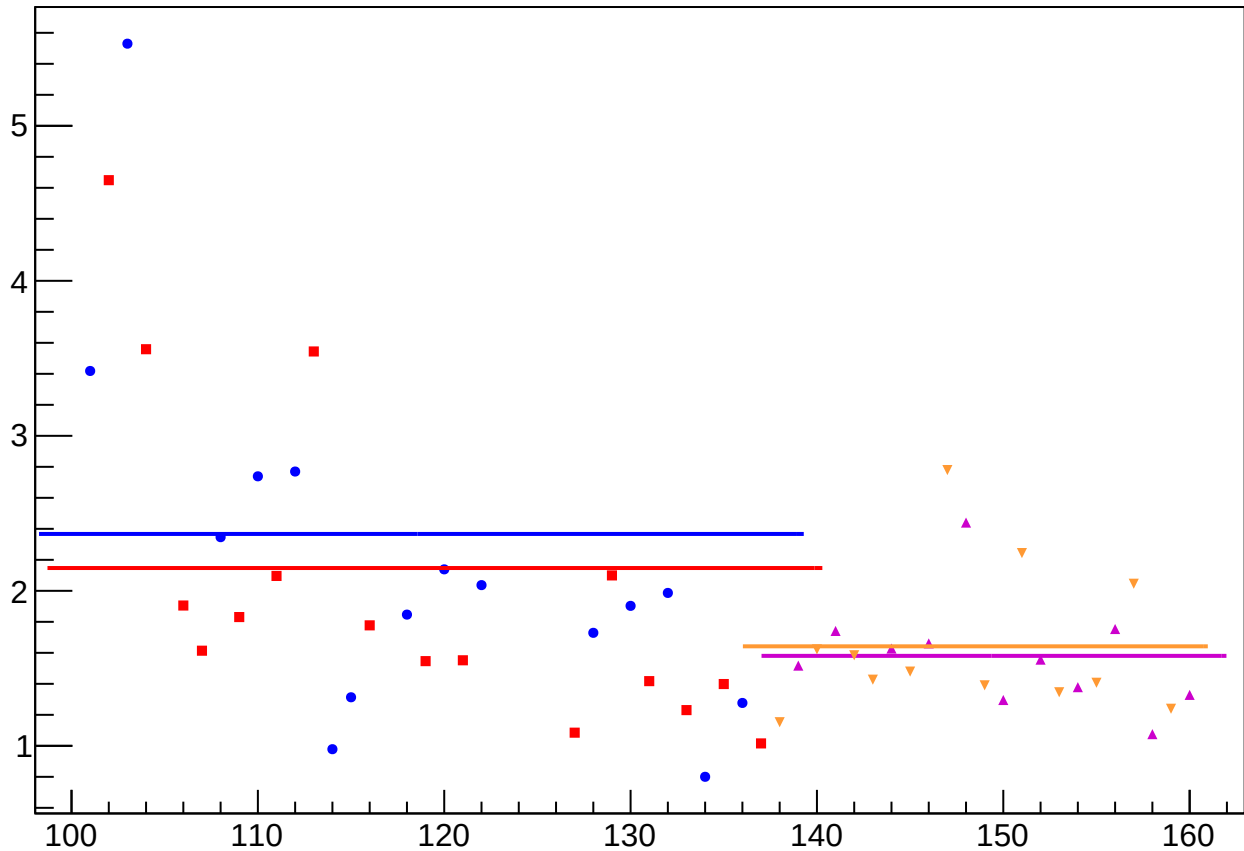
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$

Left Out: -10.333 ± 0.000 $\chi^2/\text{NDF}: 9377692425026365375047041474887680.0/11$

Right Out: -8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$

Left In: -10.241 ± 0.000 $\chi^2/\text{NDF}: 8992829088408430483485977772818432.0/10$

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 195842148226043527039909915262976.0/11

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

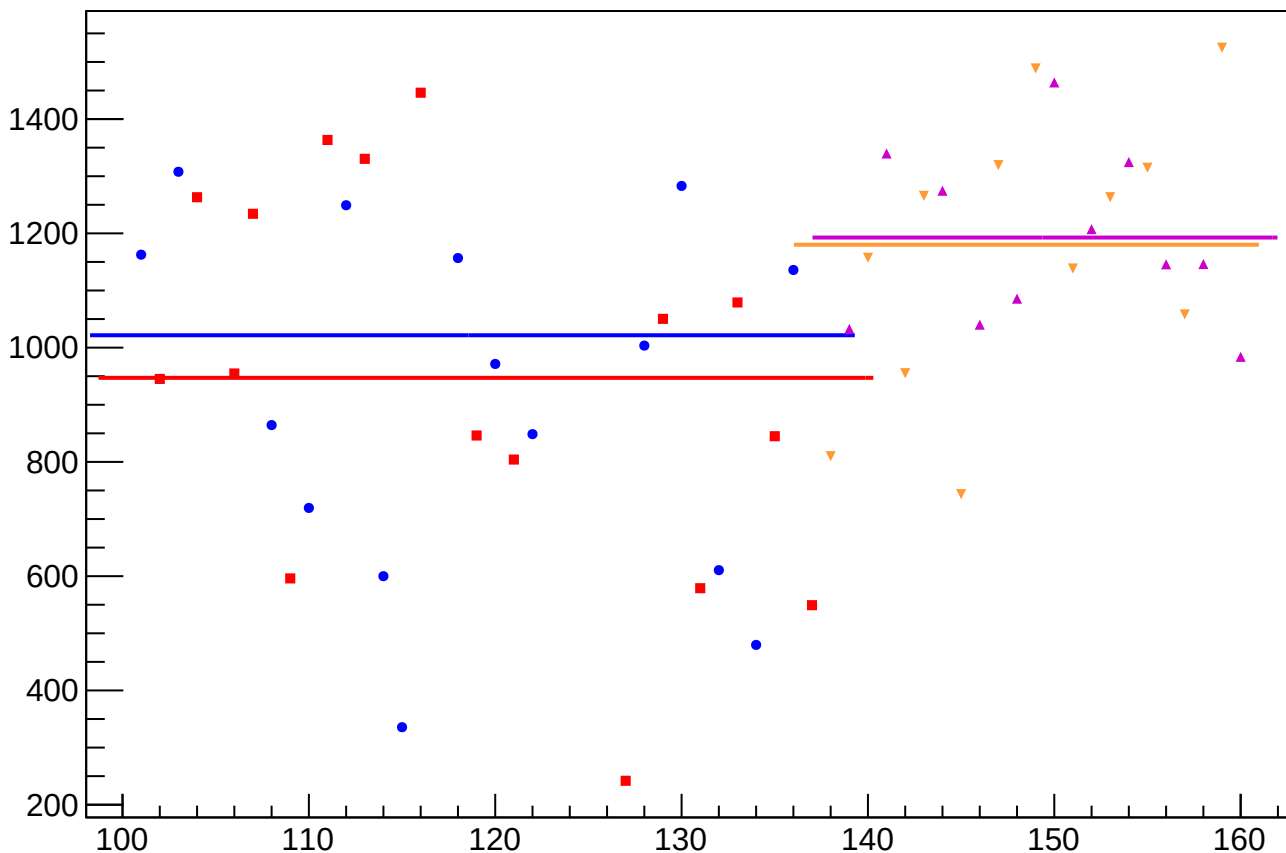
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ sign 1.943 $\pm$ 0.000 χ^2 /NDF: 13159834417677760

All: 1.880 $\pm$ 0.000 χ^2 /NDF: 23210295231068

- sign 1.818 $\pm$ 0.000 χ^2 /NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

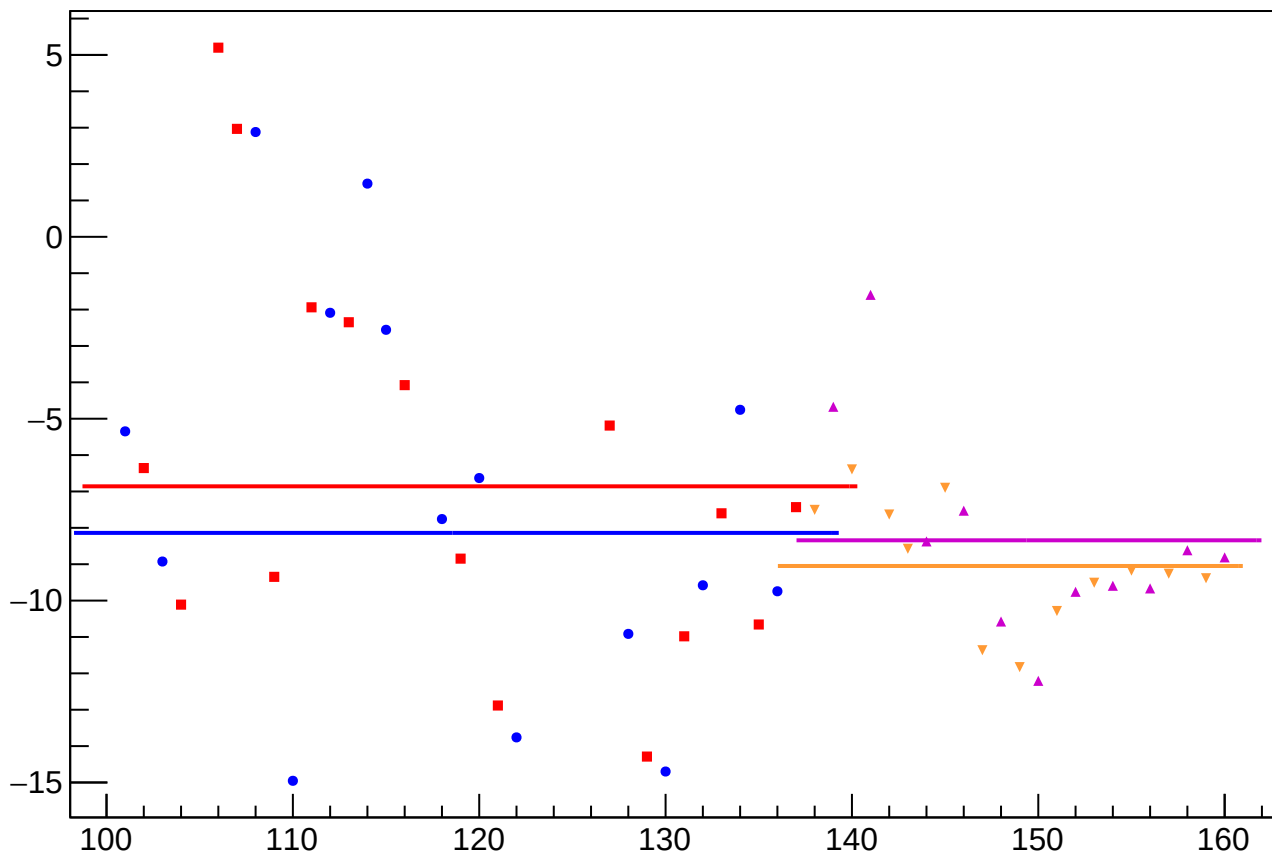
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -9.049 ± 0.000 χ^2/NDF : 2449058506184839792133889501167616.0/11

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

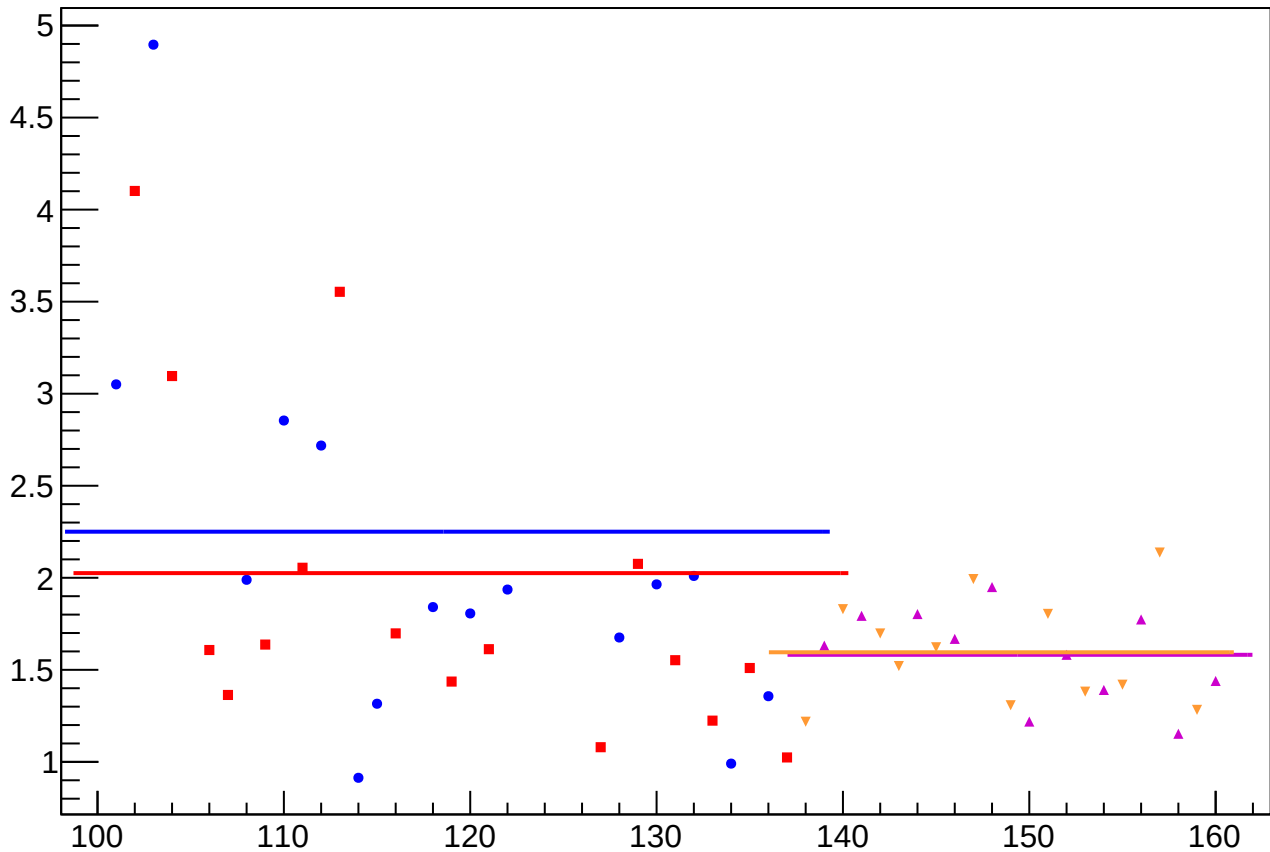
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.671 ± 0.000 χ^2/NDF : 1743954297052969

All: -8.191 ± 0.000 χ^2/NDF : 4275682258895

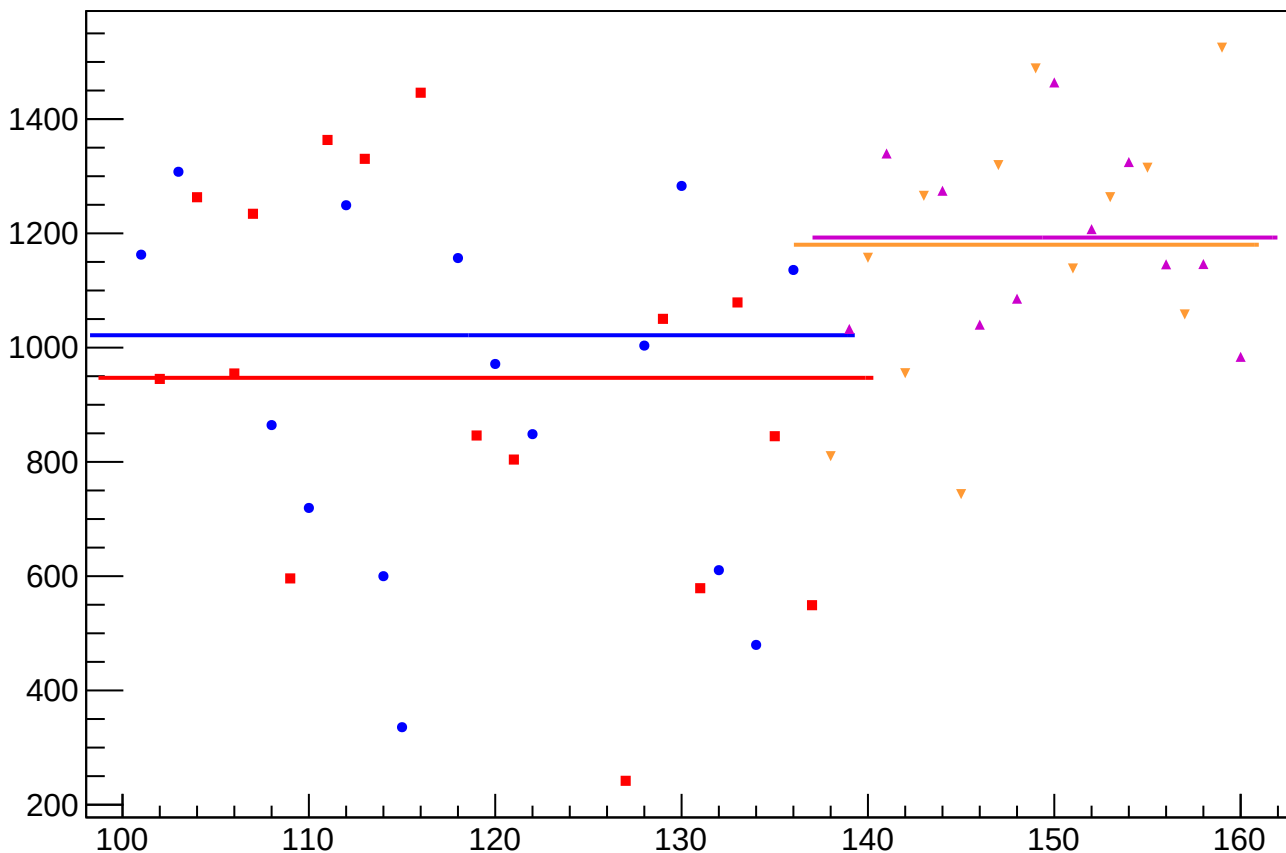
- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.595 ± 0.000 χ^2/NDF : 76549213292208781148545230045184.0/11
 Right Out: 2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10
 All: 1.817 ± 0.000 χ^2/NDF : 16139323147650.0/15
 + sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009.0/15
 - sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177.0/15

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

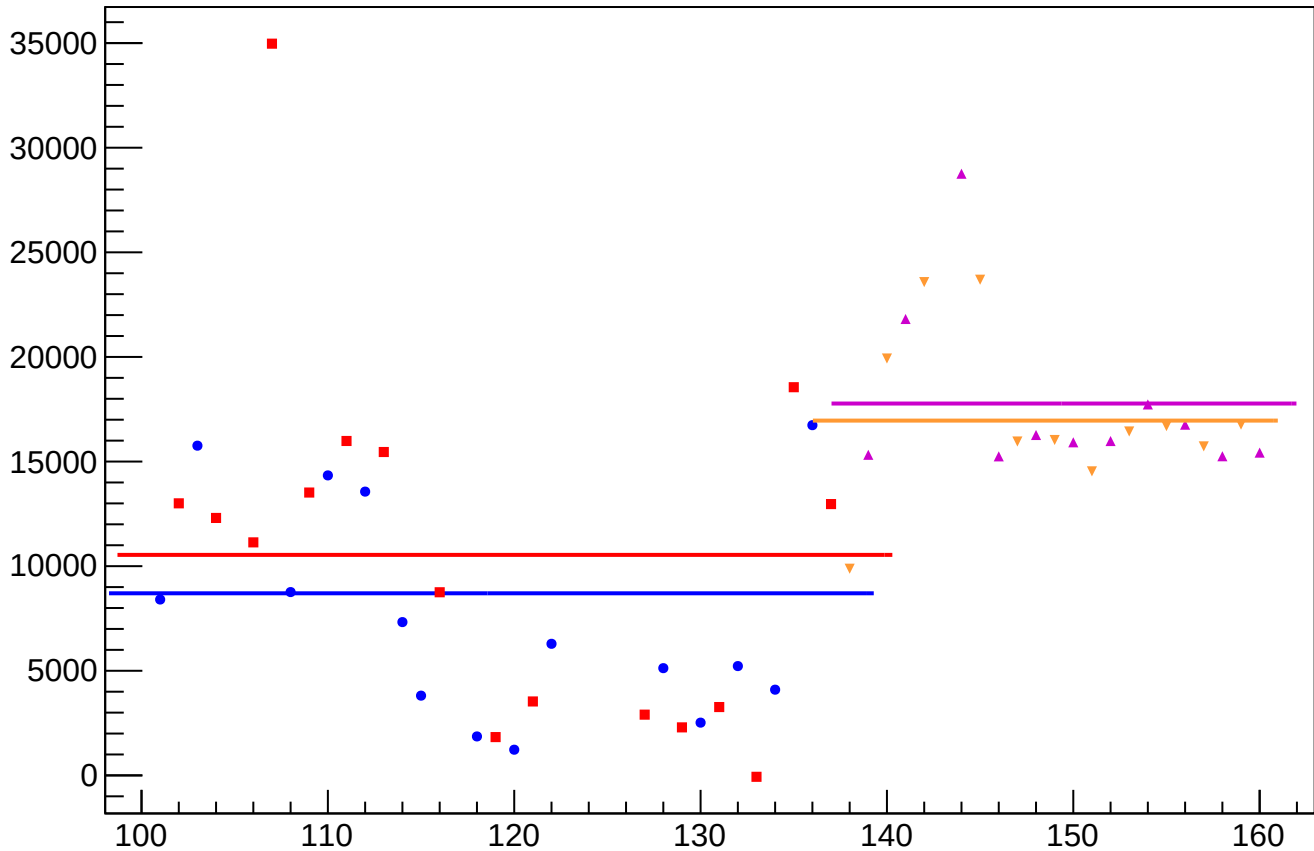
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

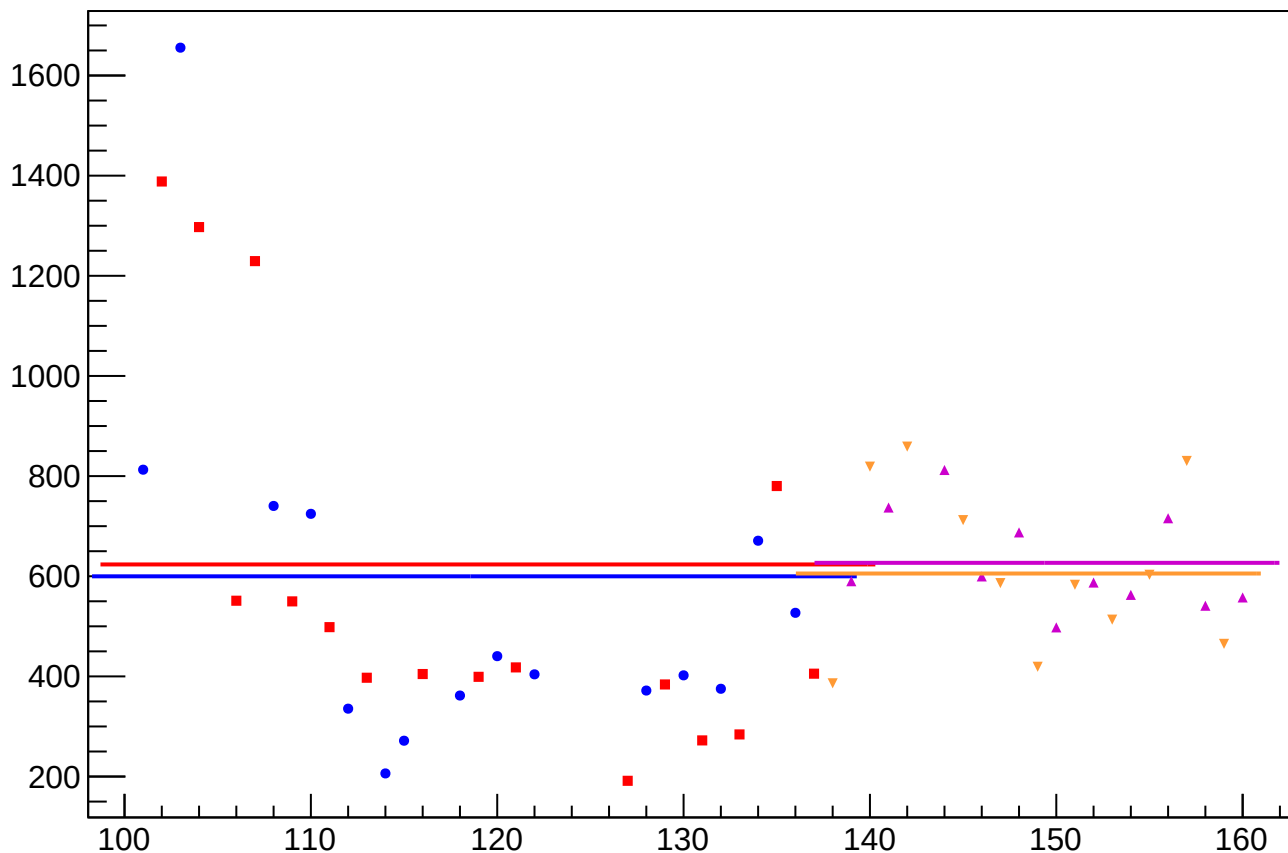
dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000	χ^2/NDF : 19501133067308426859536304500819191922688.0/14
Left Out: 16957.575+/-0.000	χ^2/NDF : 10938008625550561770285254297697243889664.0/10
Right Out: 10539.327+/-0.000	χ^2/NDF : 46226684227836109273394062569753758662656.0/15
Left In: 17773.103+/-0.000	χ^2/NDF : 14926066991142889452676587552618632445952.0/10

+ sign 13376.690+/-0.000 χ^2/NDF : 5547433572288
 All: 14079.562+/-0.000 χ^2/NDF : 1383312786
 - sign 14740.464+/-0.000 χ^2/NDF : 8142294021651

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

+ sign 603.023+/-0.000 χ^2/NDF : 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF : 20600036696576889686488913862706855936.0/10

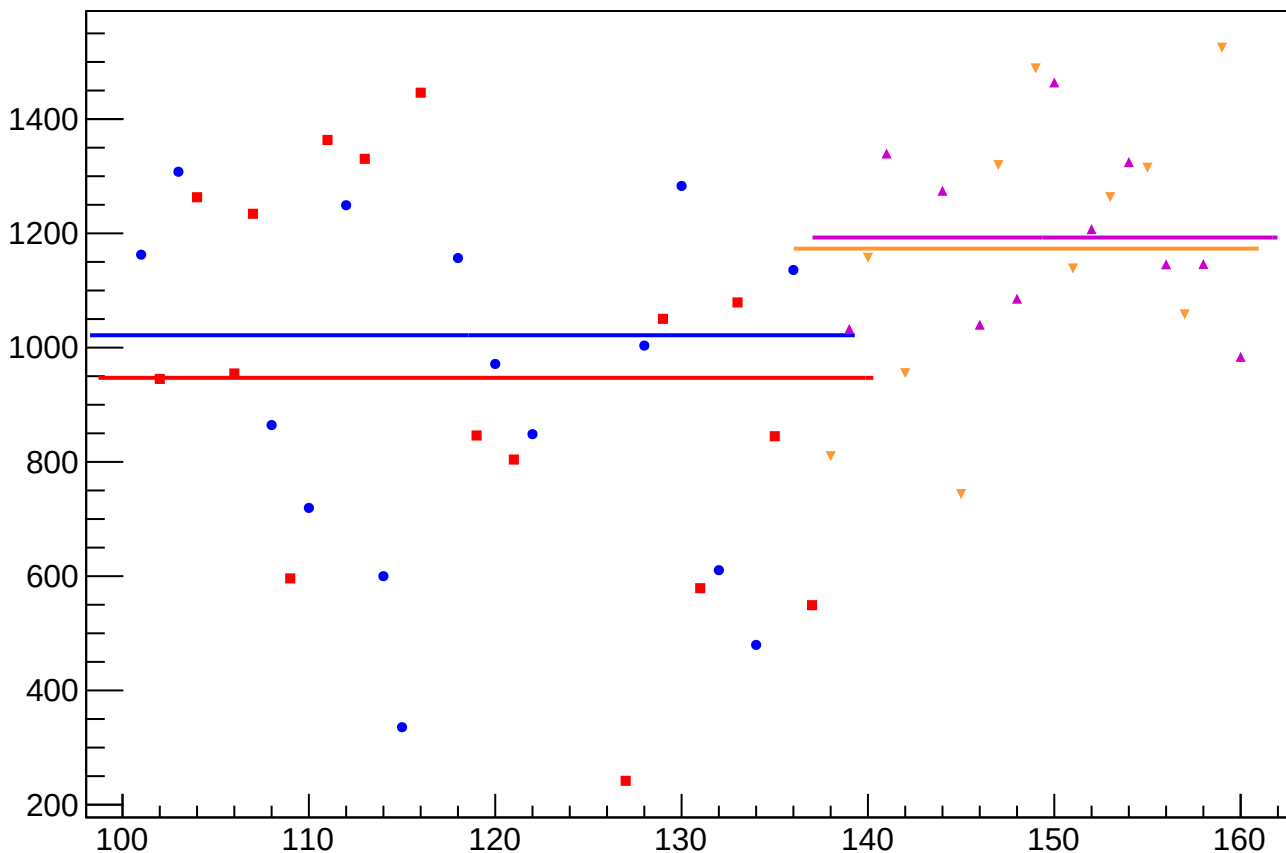
All: 614.575+/-0.000 χ^2/NDF : 219881740645

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1173.334+/-0.000 χ^2/NDF : 50259225692125439679244442751924699136.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

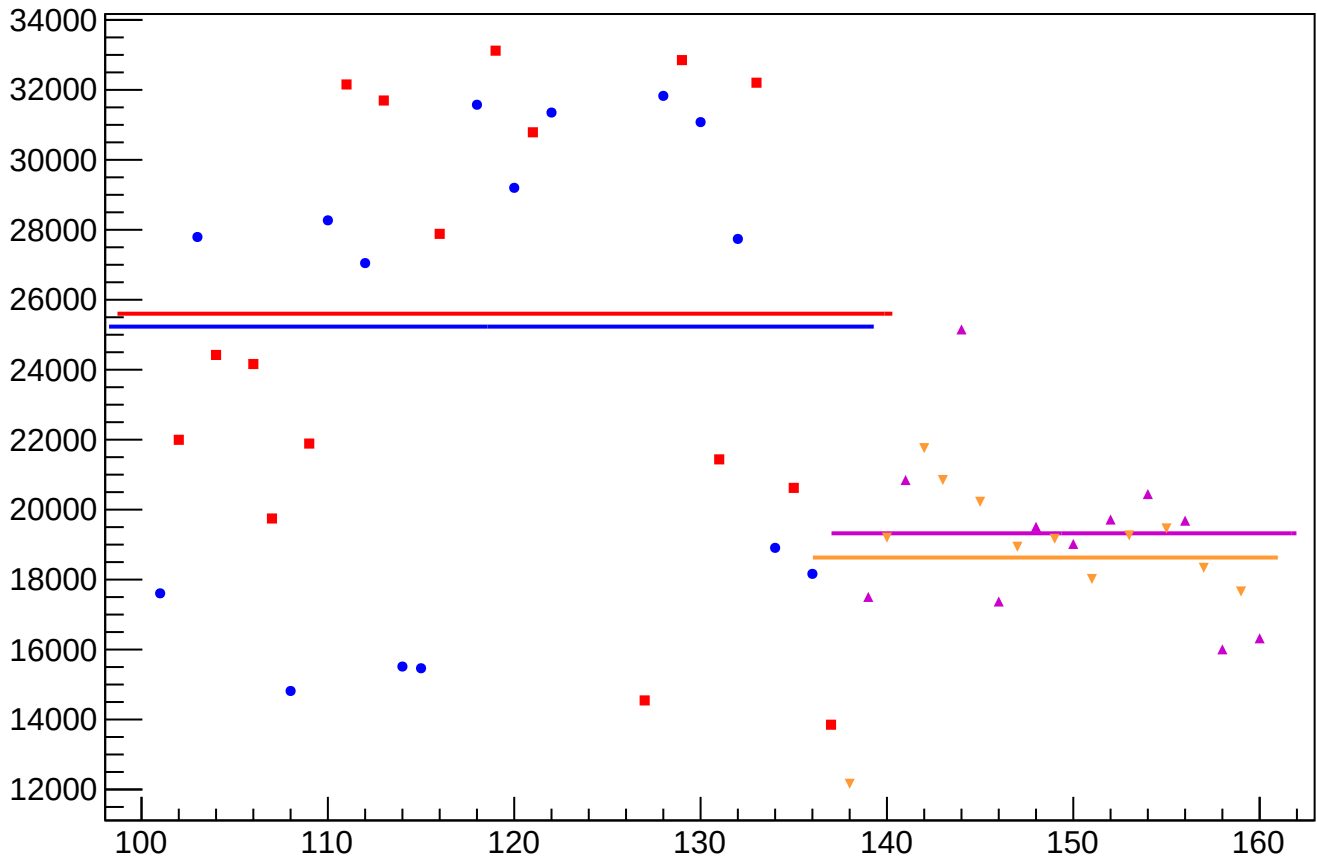
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1107.545+/-0.000 χ^2/NDF : 99202805471874

All: 1098.373+/-0.000 χ^2/NDF : 20984187795

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

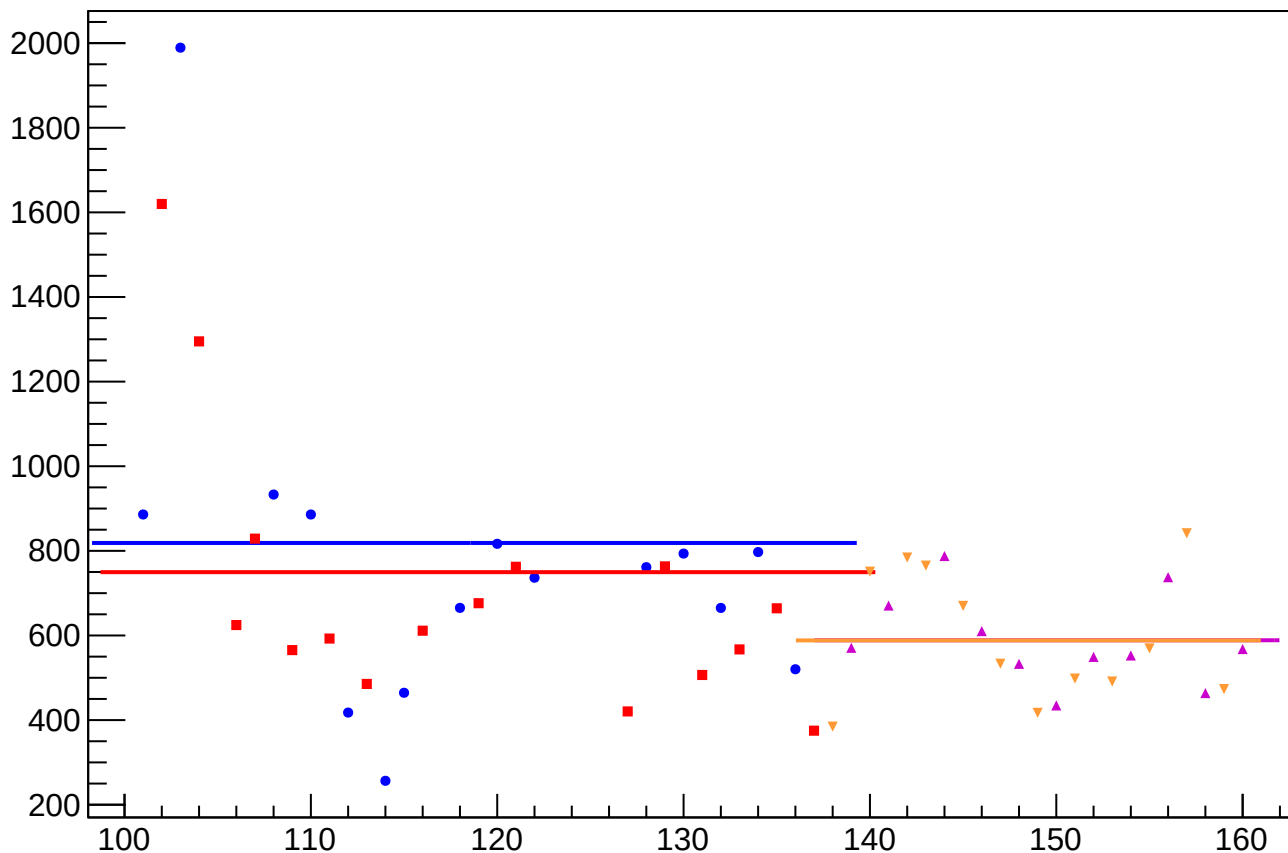
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18630.609+/-0.000	χ^2/NDF : 4499157177792733453337123782201790431232.0/11
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19322.974+/-0.000	χ^2/NDF : 5509841990831420617123513924011035721728.0/10

+ sign 21371.781+/-0.000 χ^2/NDF : 4557364101800
 All: 21666.026+/-0.000 χ^2/NDF : 9098110501
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 588.391+/-0.000 χ^2/NDF : 20060197377989114991296665666078113792.0/11

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

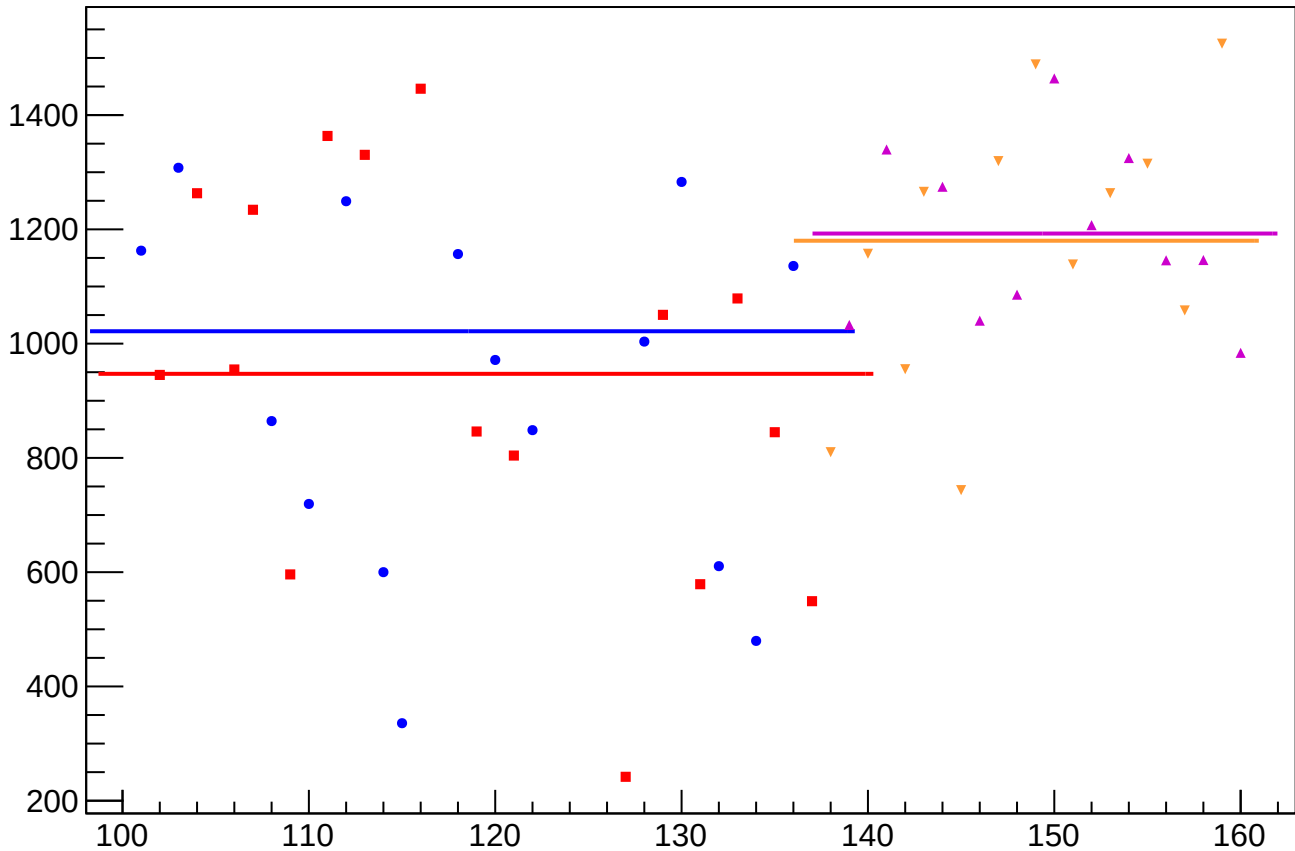
Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

+ sign 684.008+/-0.000 χ^2/NDF : 145791569069388

All: 669.969+/-0.000 χ^2/NDF : 244316509040

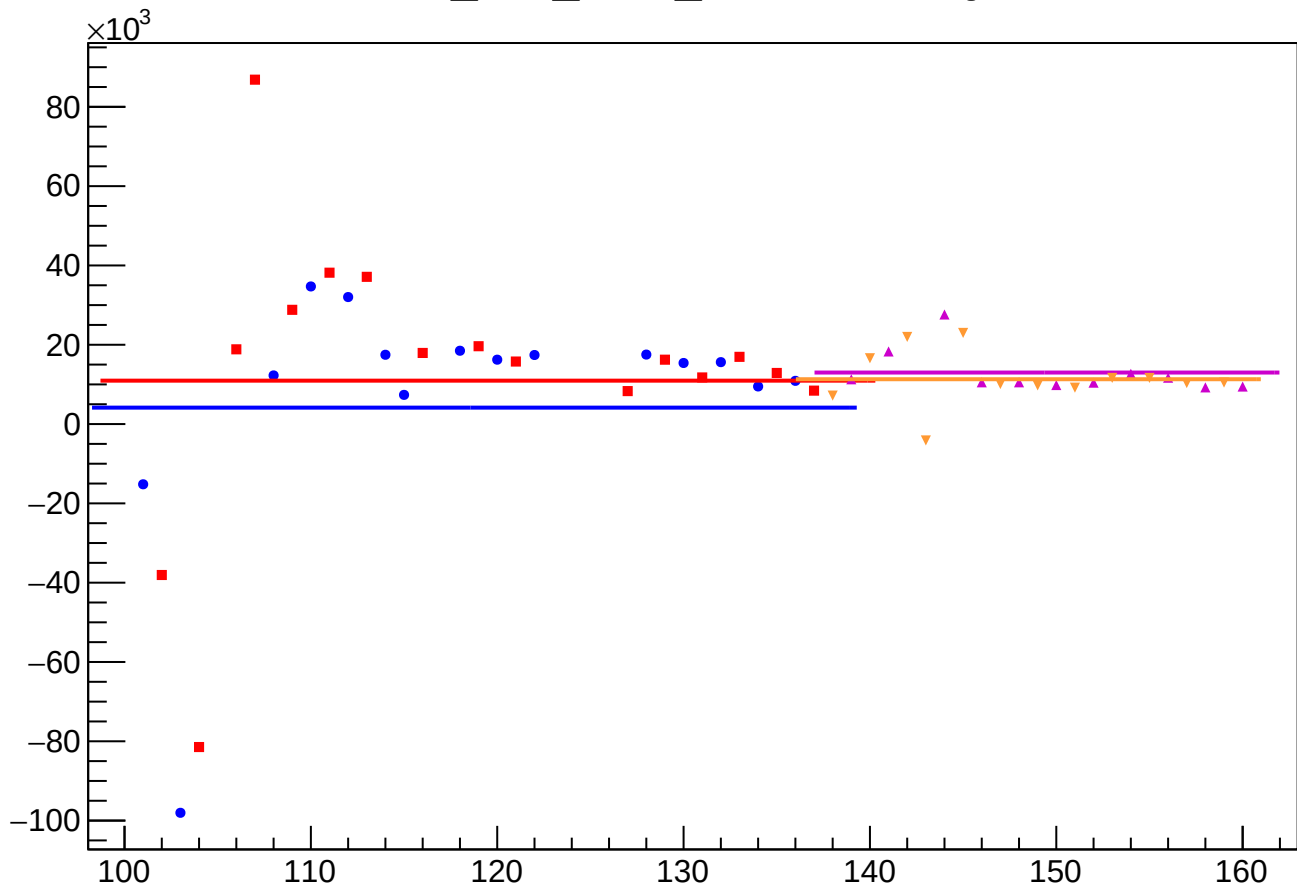
- sign 656.176+/-0.000 χ^2/NDF : 979142023590546

dit_usr_coil7_Ndata_mean vs Slug



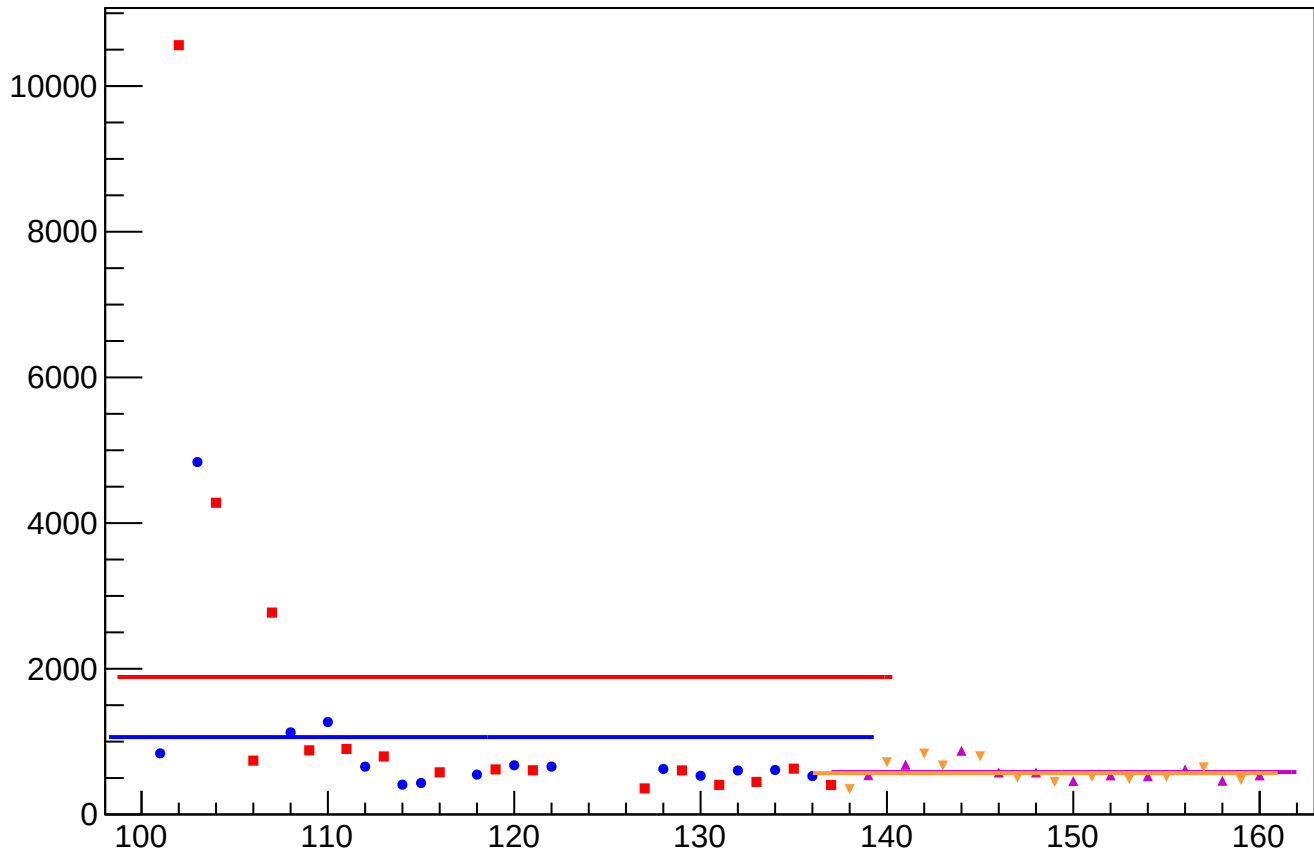
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 ± 0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 ± 0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_atl1_coil7_mean vs Slug



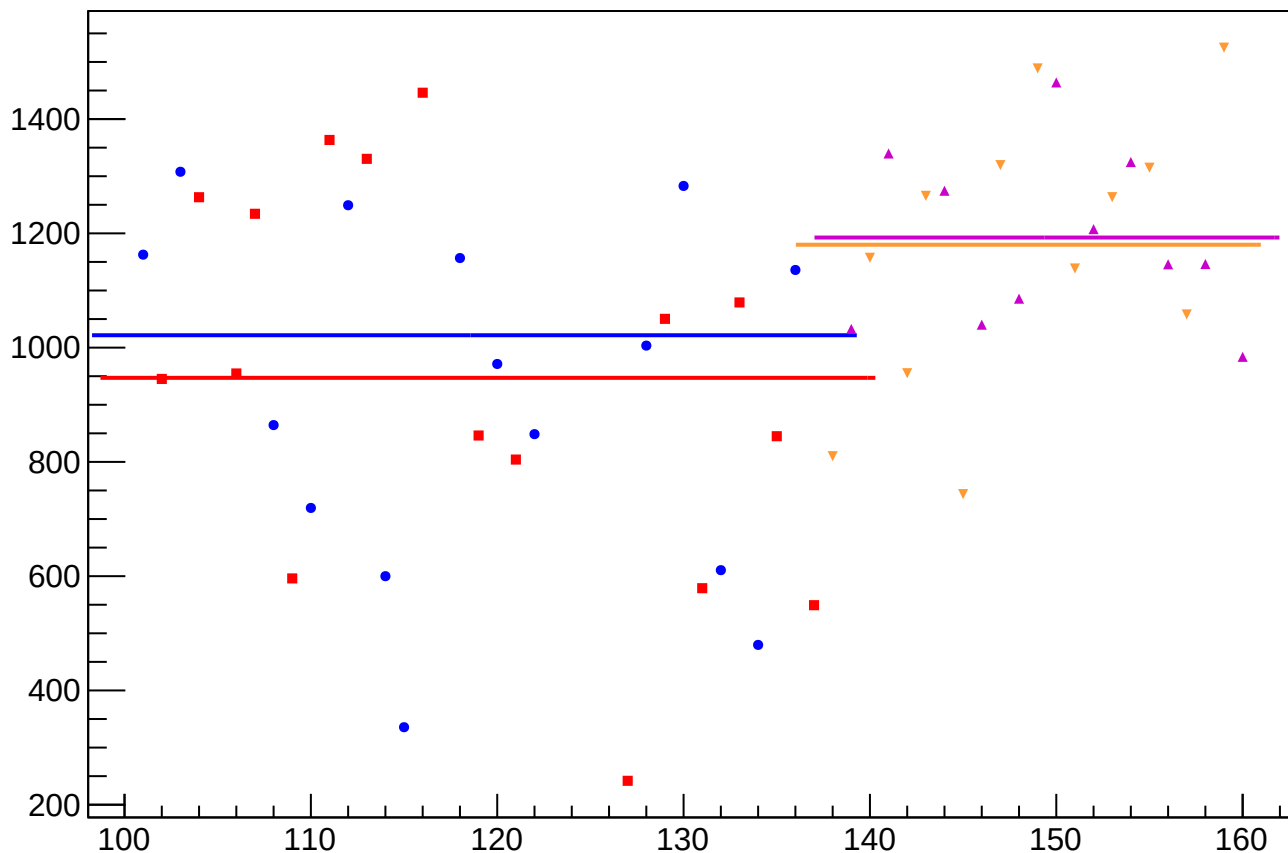
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 ± 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 567.733+/-0.000 χ^2/NDF : 17522884747687495168010192179255312384.0/11
 Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 582.413+/-0.000 χ^2/NDF : 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

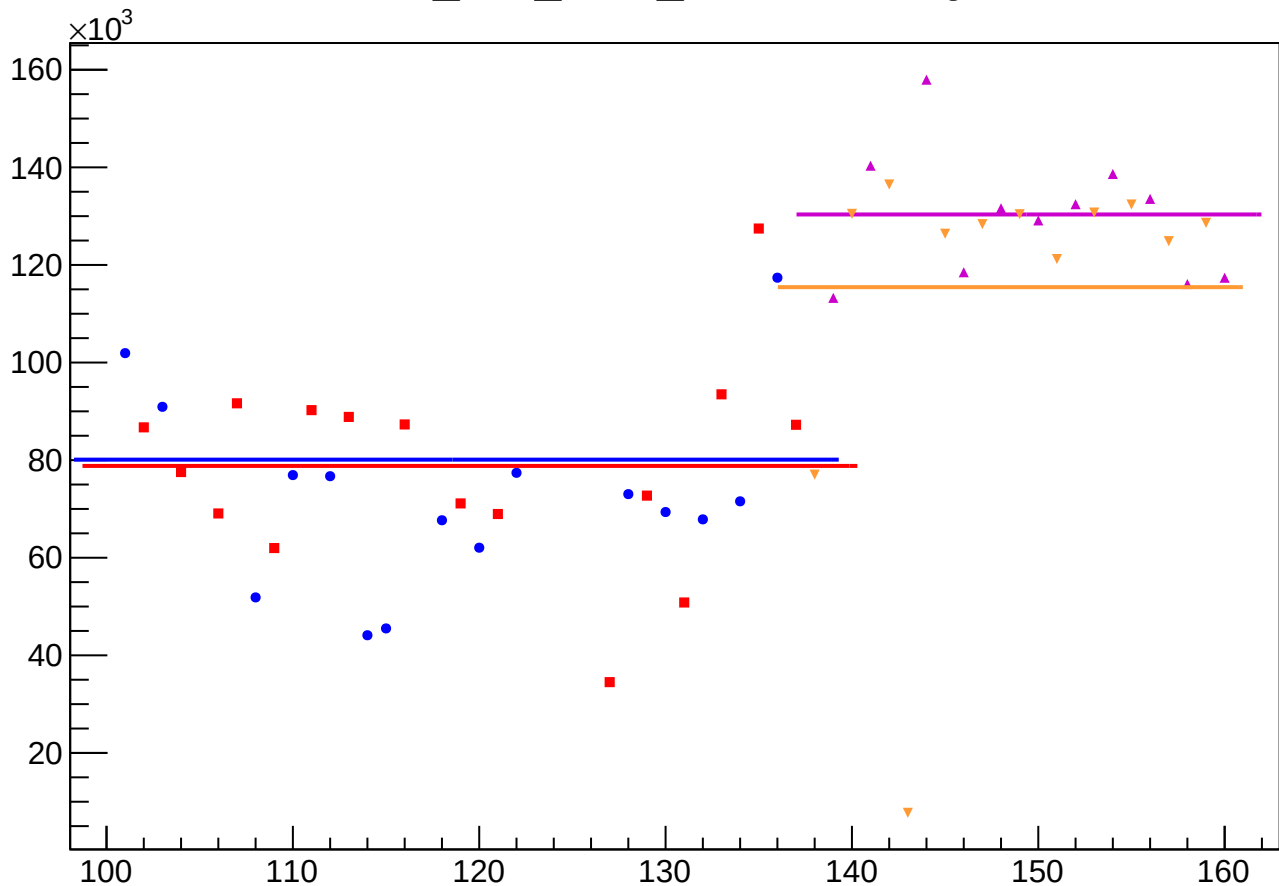
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

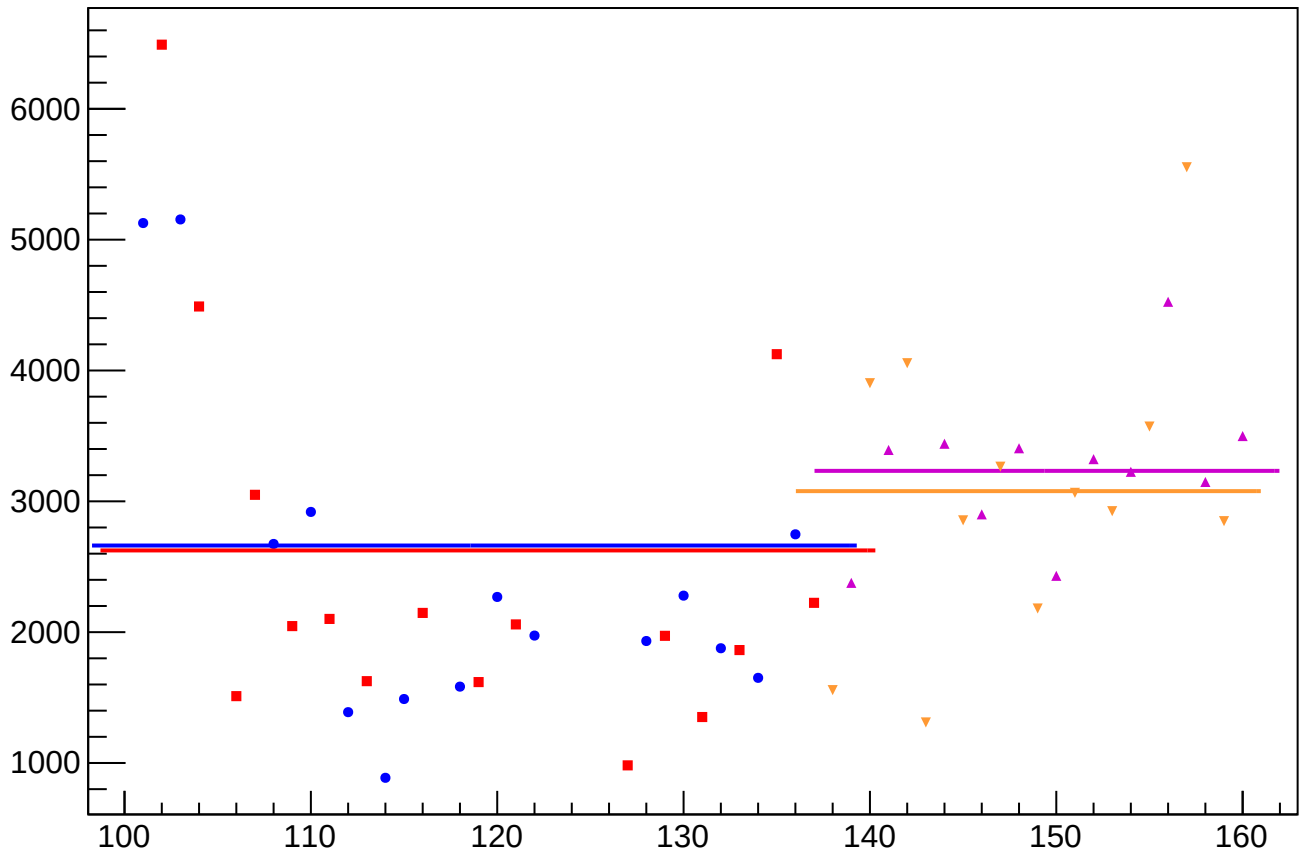
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atl2_coil7_mean vs Slug



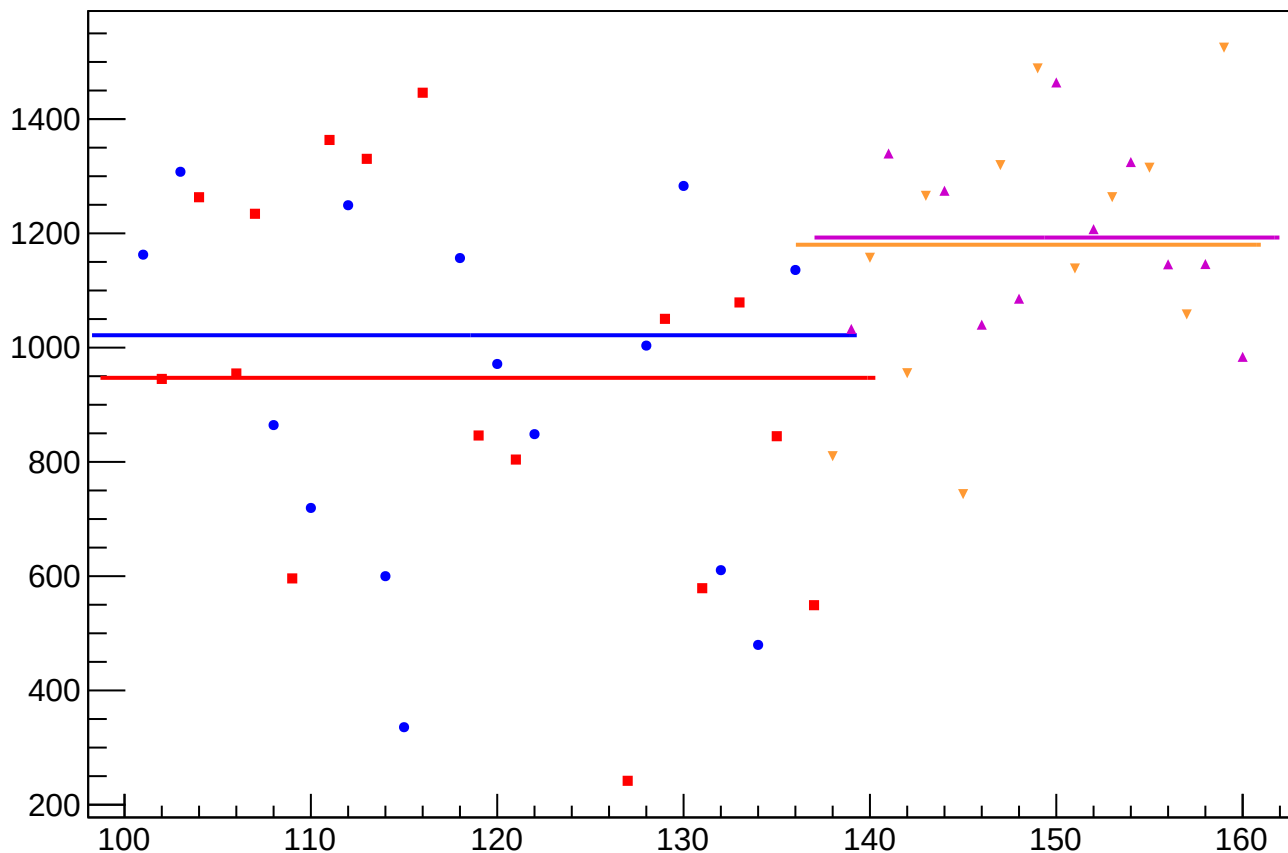
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 115448.893 $\pm$ 0.000 χ^2 /NDF: 1038801657464811255416211206986838896017408.0/11
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 130346.244 $\pm$ 0.000 χ^2 /NDF: 148174871015439819820100459279999278514176.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000	χ^2/NDF : 1031389230165640157864439705583367487488.0/14	+ sign 2905.309+/-0.000	χ^2/NDF : 21707015926614
Left Out: 3077.945+/-0.000	χ^2/NDF : 1073709891492389198093936322660595138560.0/11	All: 2941.931+/-0.000	χ^2/NDF : 41605670277
Right Out: 2624.696+/-0.000	χ^2/NDF : 1566705216866534713590934835660406652928.0/15	- sign 2977.909+/-0.000	χ^2/NDF : 19857098184284
Left In: 3232.879+/-0.000	χ^2/NDF : 275721007613891276741007240283331493888.0/10		

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

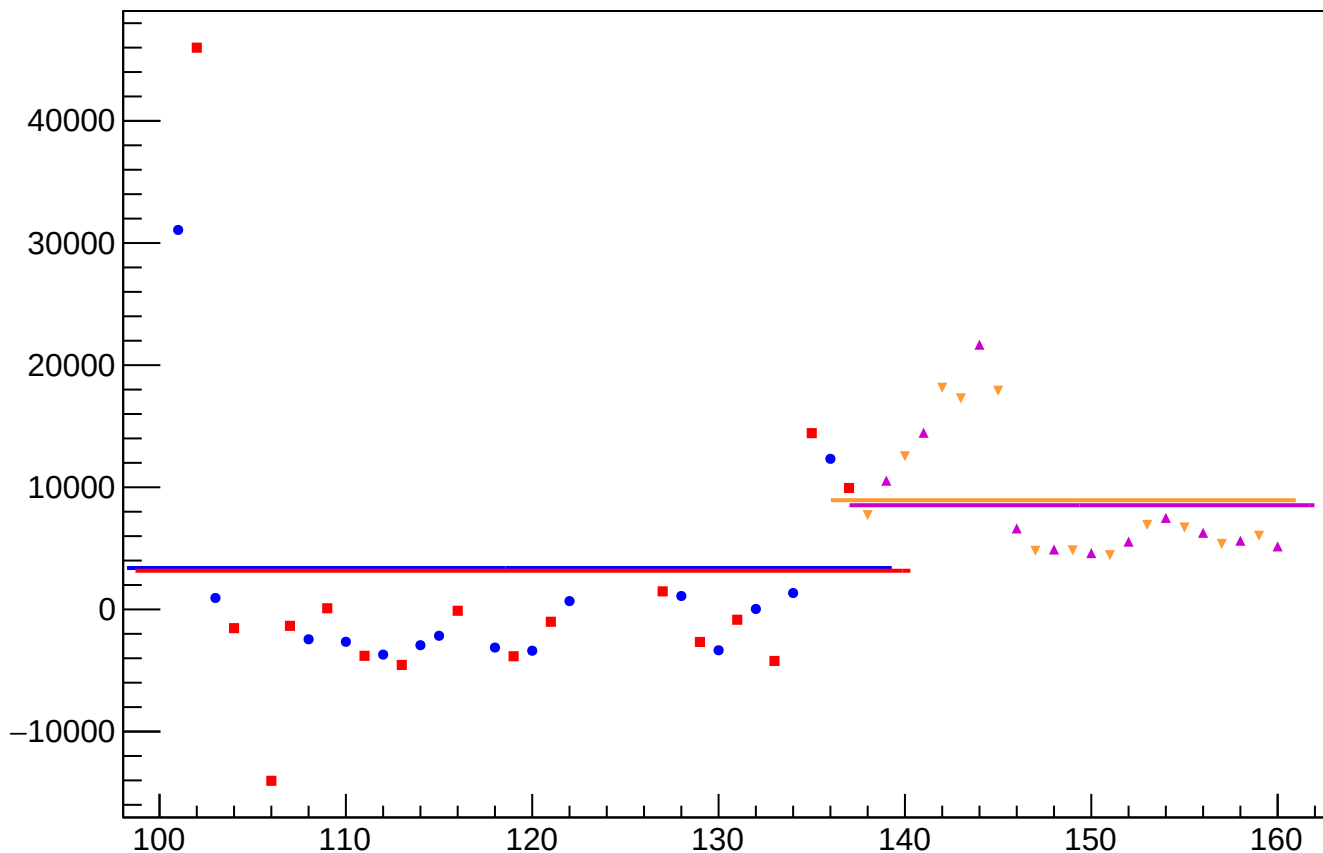
Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

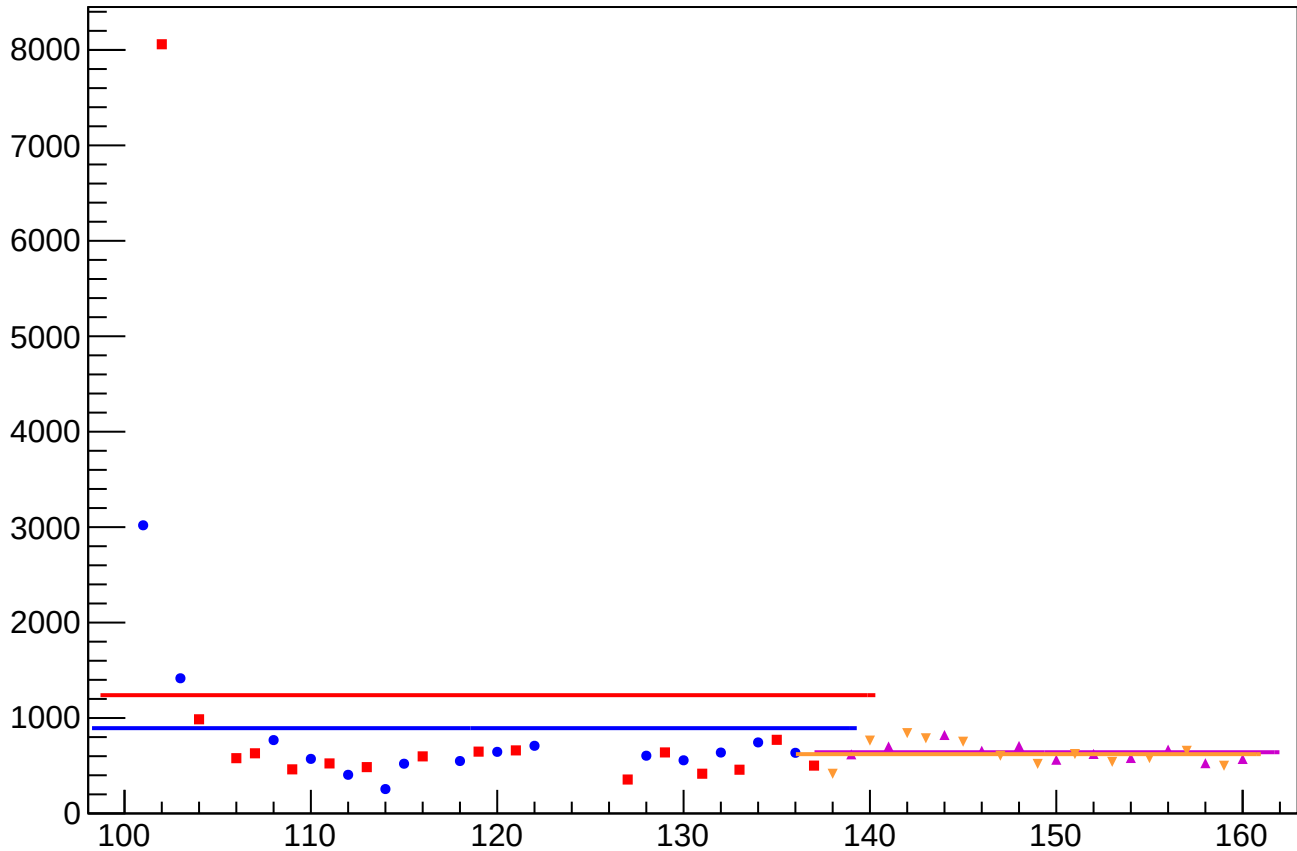
+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263
 All: 1101.926+/-0.000 χ^2/NDF : 21167730452
 - sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8941.712+/-0.000 χ^2/NDF : 22757542723529976862924189628837264359424.0/11
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8532.821+/-0.000 χ^2/NDF : 24299515949380224586324737558095226470400.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 621.395+/-0.000 χ^2/NDF : 13220761349033595391183034930255888384.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

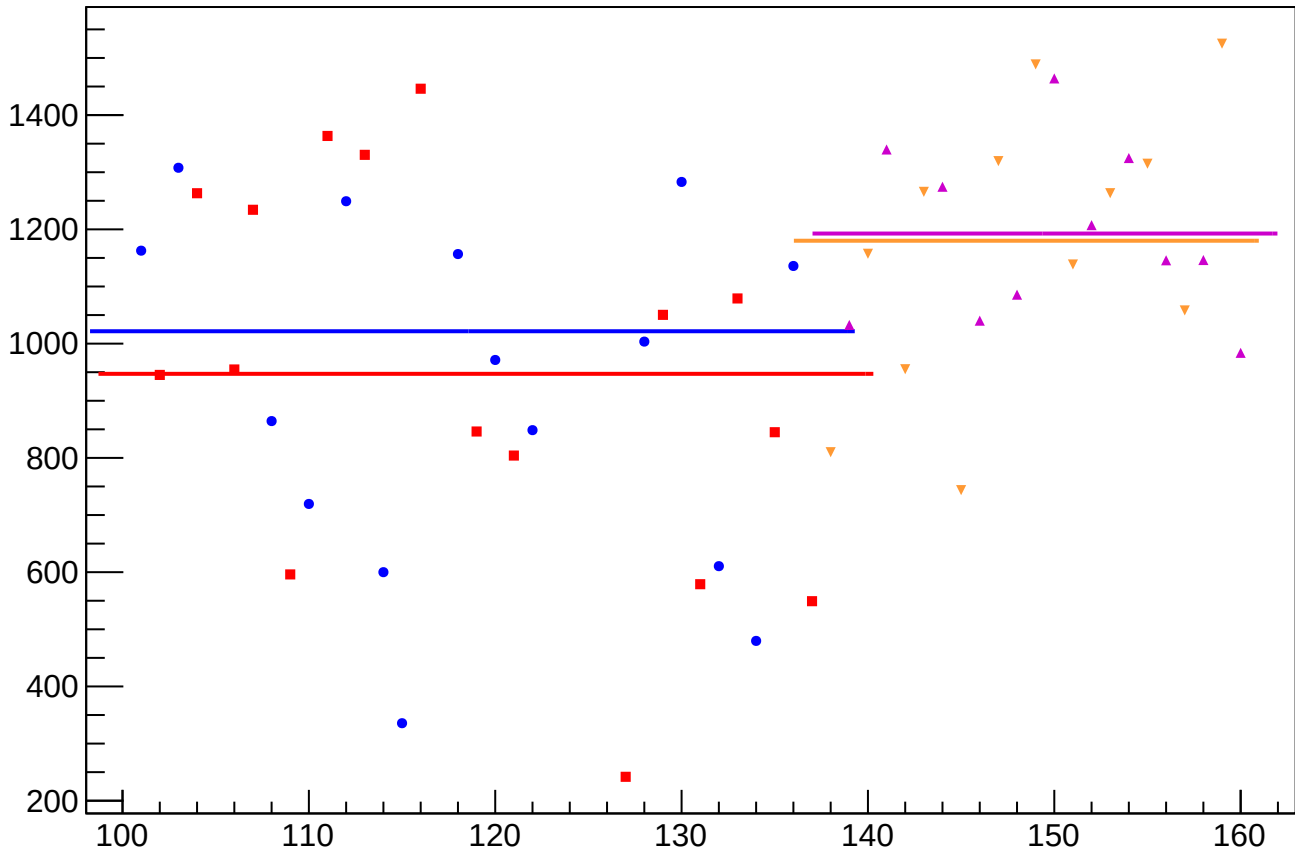
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

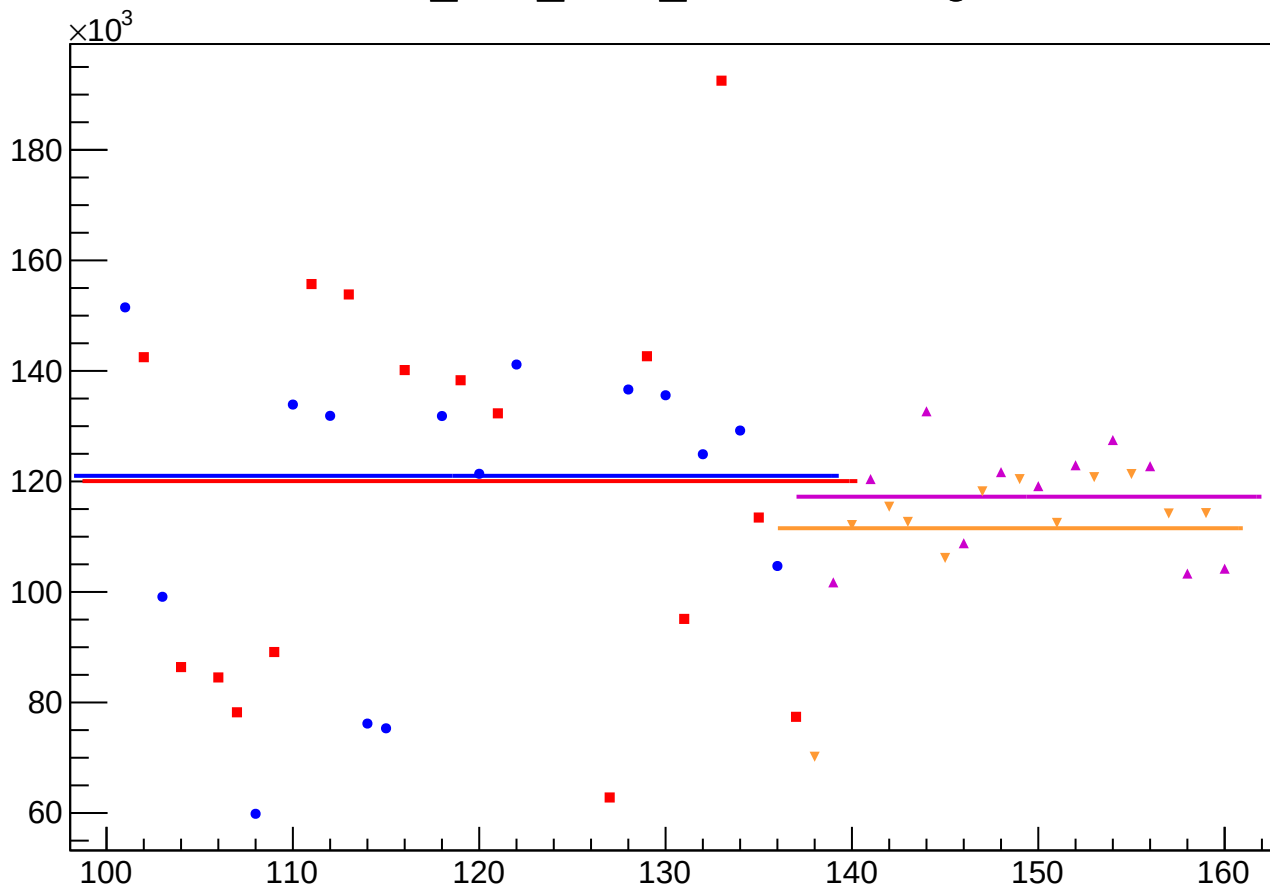
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1114.323+/-0.000	χ^2/NDF : 10080626753263
Left Out: 1180.103+/-0.000	χ^2/NDF : 50788606804690292724539730503787347968.0/11	All: 1101.926+/-0.000	χ^2/NDF : 21167730452
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

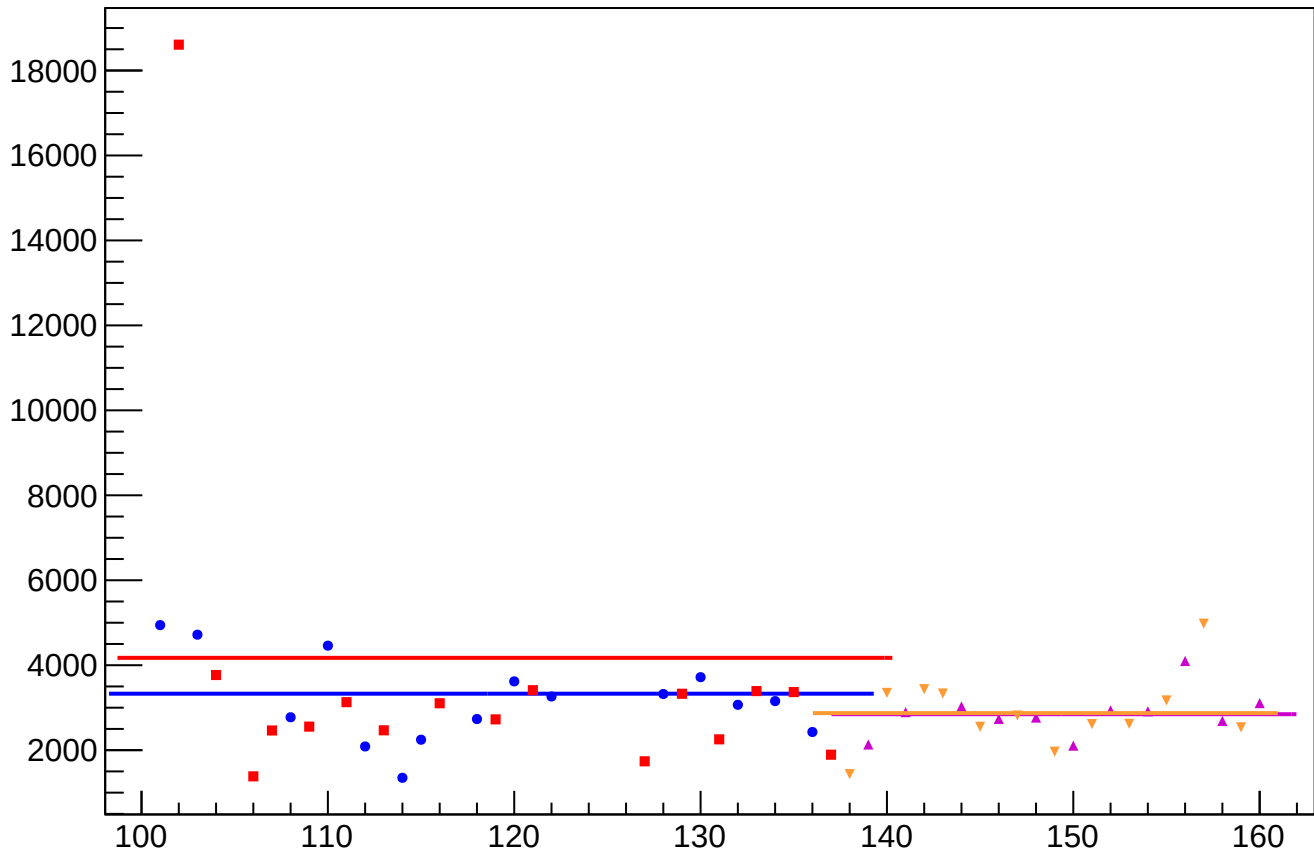
dit_atr2_coil7_mean vs Slug



Right In: 121016.482 $\pm$ 0.000	χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
Left Out: 111531.681 $\pm$ 0.000	χ^2 /NDF: 162724299829921950370834246417372913074176.0/11
Right Out: 120060.693 $\pm$ 0.000	χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
Left In: 117237.465 $\pm$ 0.000	χ^2 /NDF: 92299527706158063096544434206678792011776.0/10

+ sign 115470.027 $\pm$ 0.000 χ^2 /NDF: 555580110243.0/11
 All: 116958.641 $\pm$ 0.000 χ^2 /NDF: 148625317.0/11
 - sign 118421.056 $\pm$ 0.000 χ^2 /NDF: 923806900564.0/11

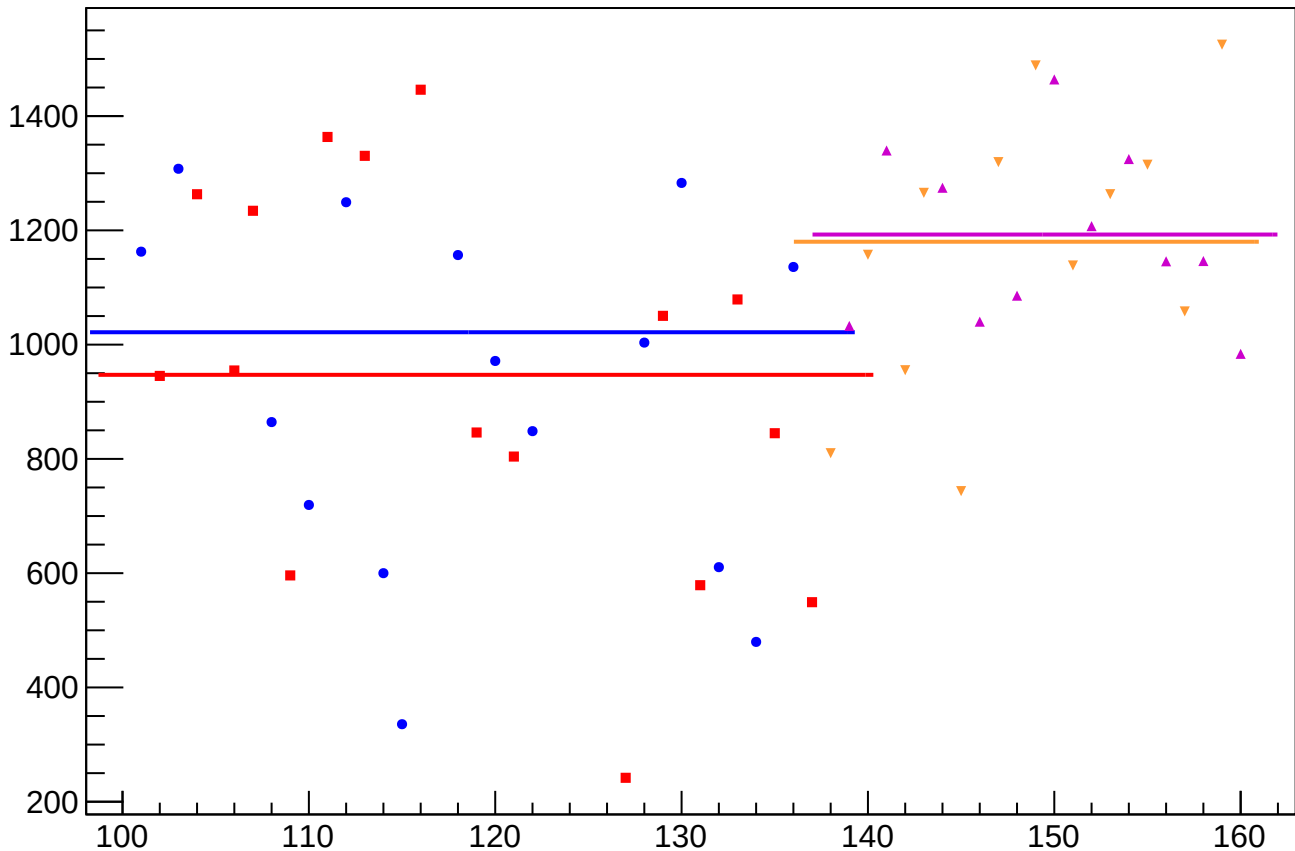
dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567+/-0.000 χ^2/NDF : 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559+/-0.000 χ^2/NDF : 229557109736682123603885764134616170496.0/10

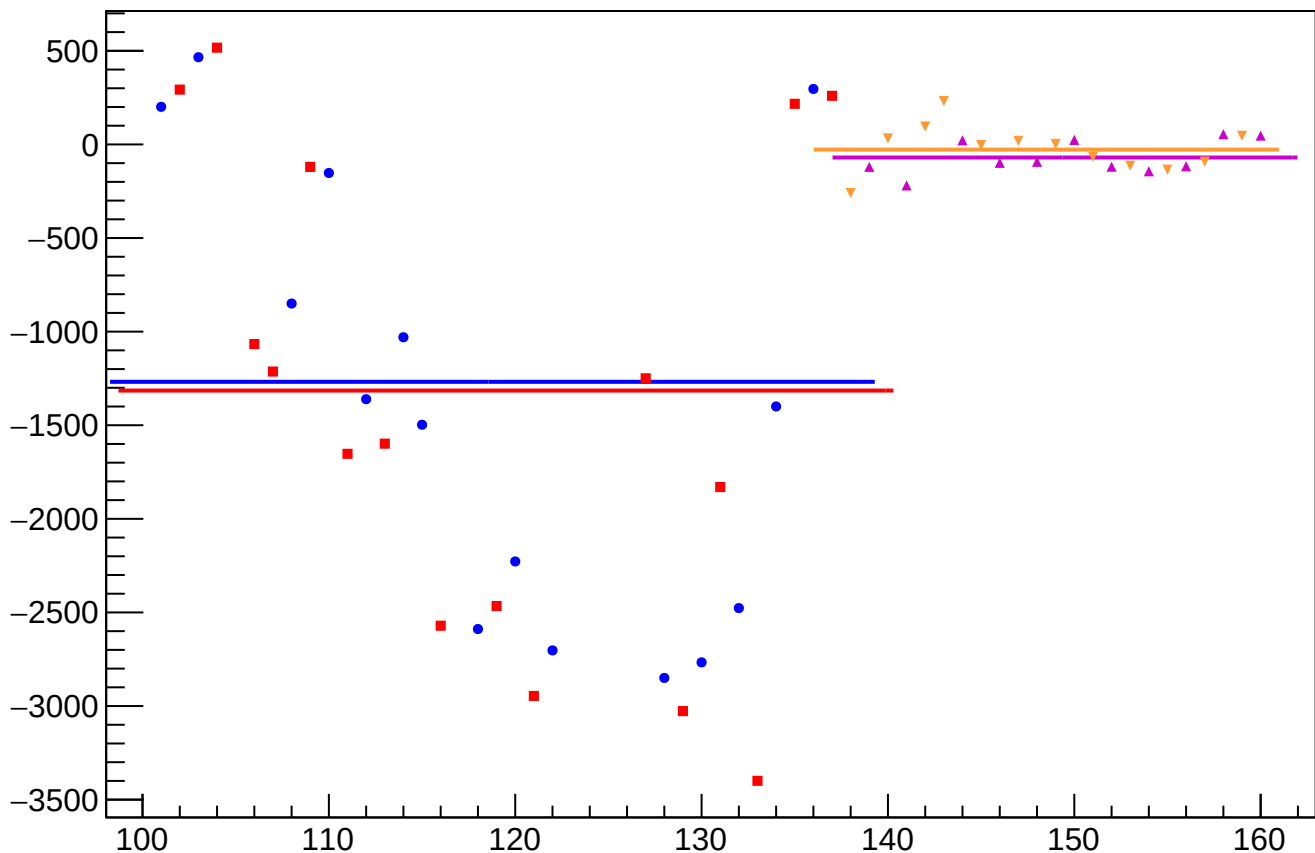
+ sign 3062.293+/-0.000 χ^2/NDF : 13091528183331
 All: 3234.072+/-0.000 χ^2/NDF : 15810392876
 - sign 3402.829+/-0.000 χ^2/NDF : 14409809055061

dit_atr2_coil7_Ndata_mean vs Slug



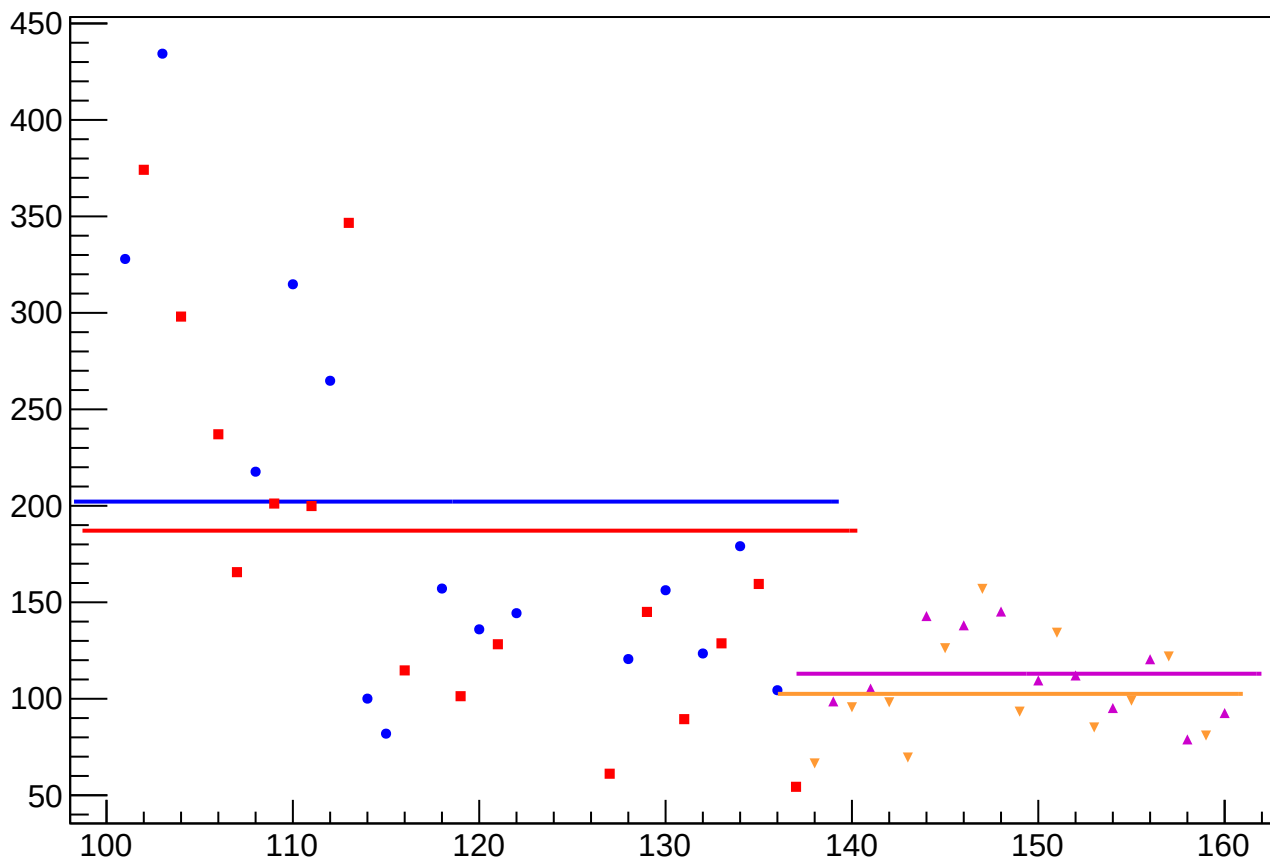
Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 +/- 0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 +/- 0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Left Out: -27.745+/-0.000 χ^2/NDF : 12401866293776389782406733193877127168.0/11
 Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Left In: -69.887+/-0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 102.547+/-0.000 χ^2/NDF : 631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

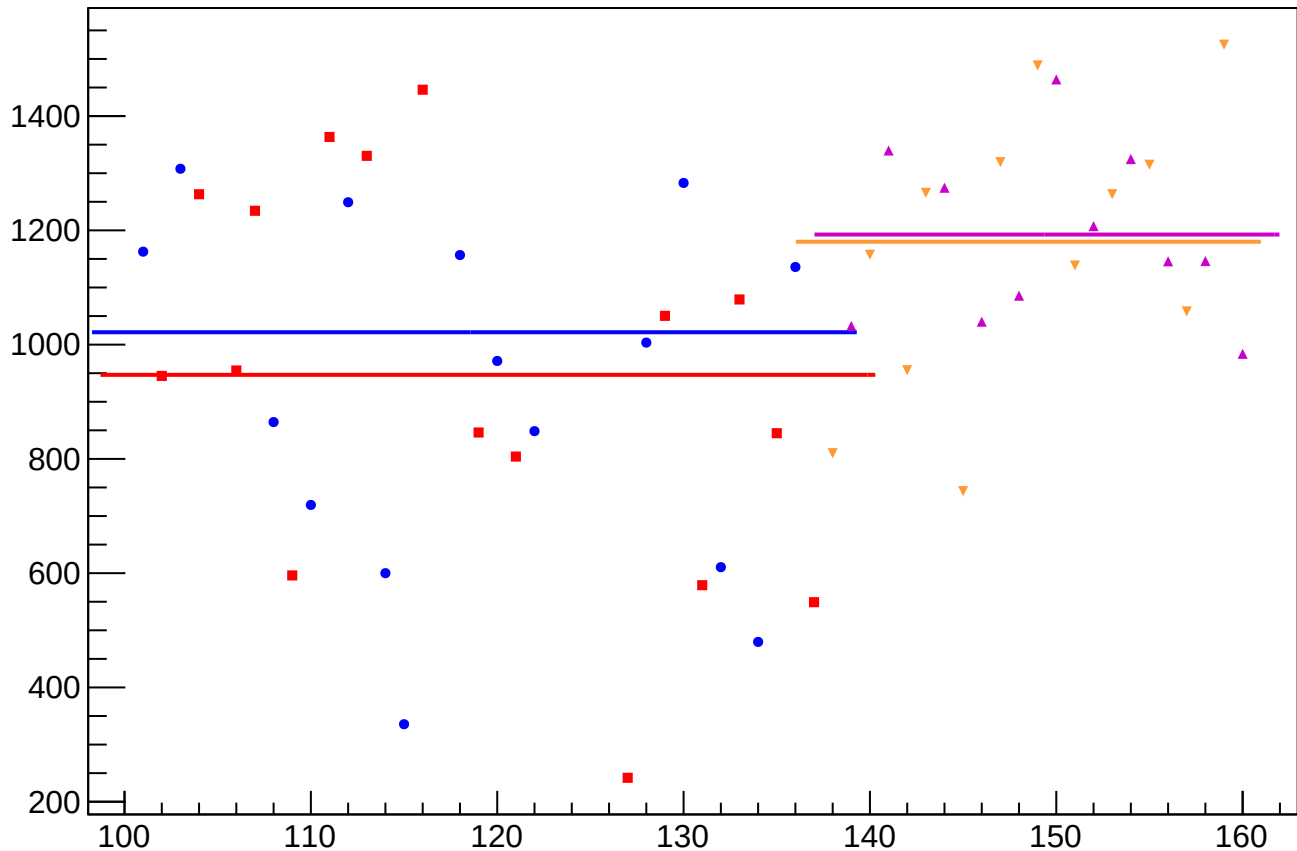
Left In: 112.981+/-0.000 χ^2/NDF : 399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF : 114280634979740

All: 143.994+/-0.000 χ^2/NDF : 20186723766

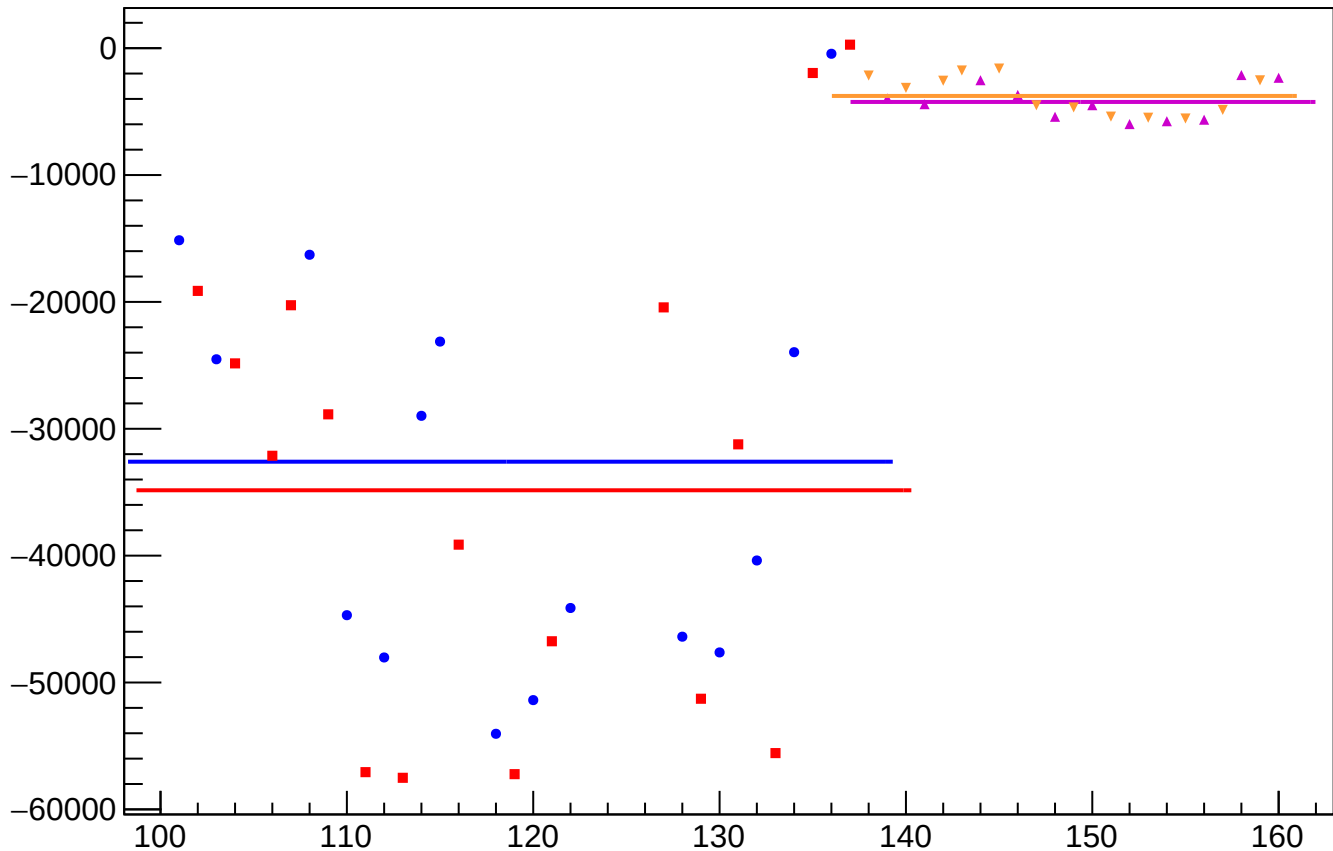
- sign 144.065+/-0.000 χ^2/NDF : 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



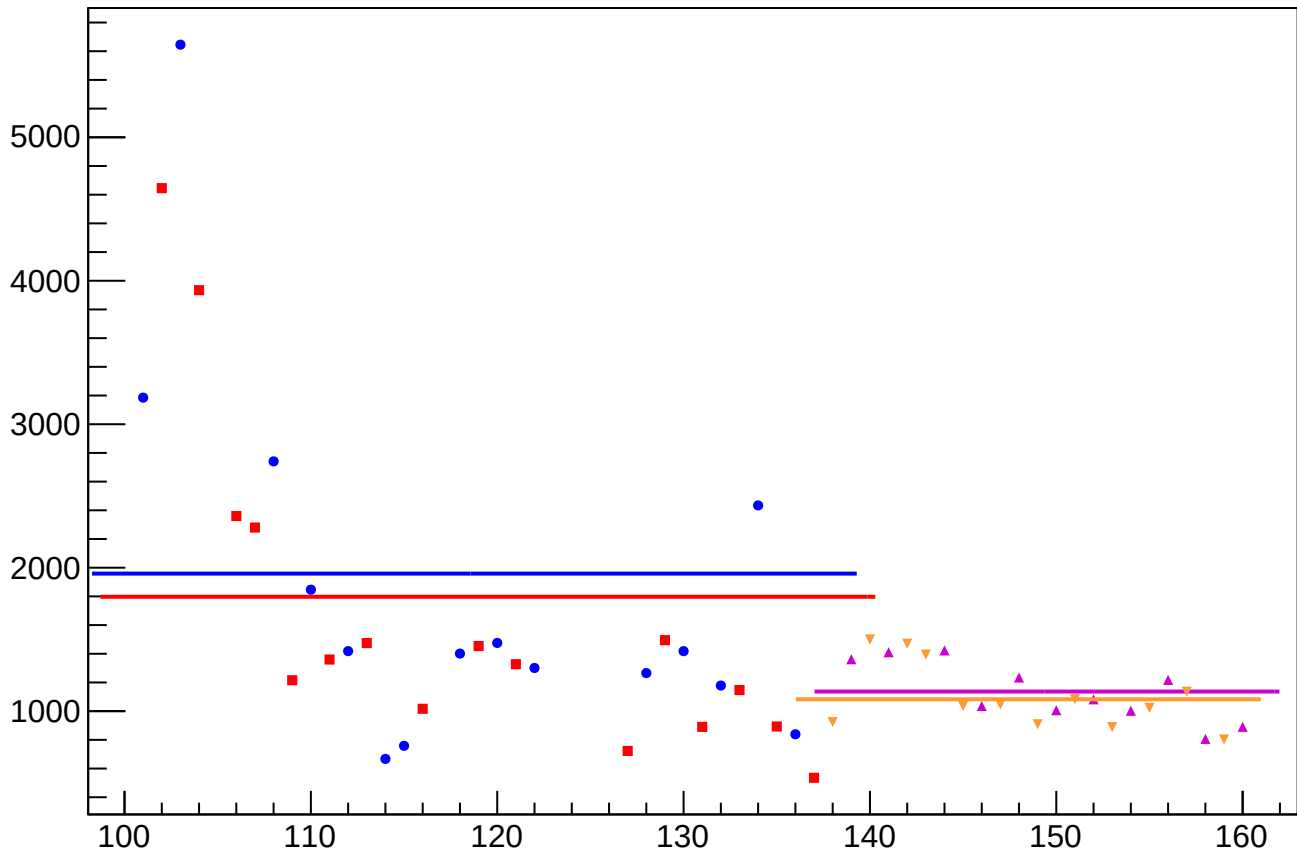
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam2_coil7_mean vs Slug



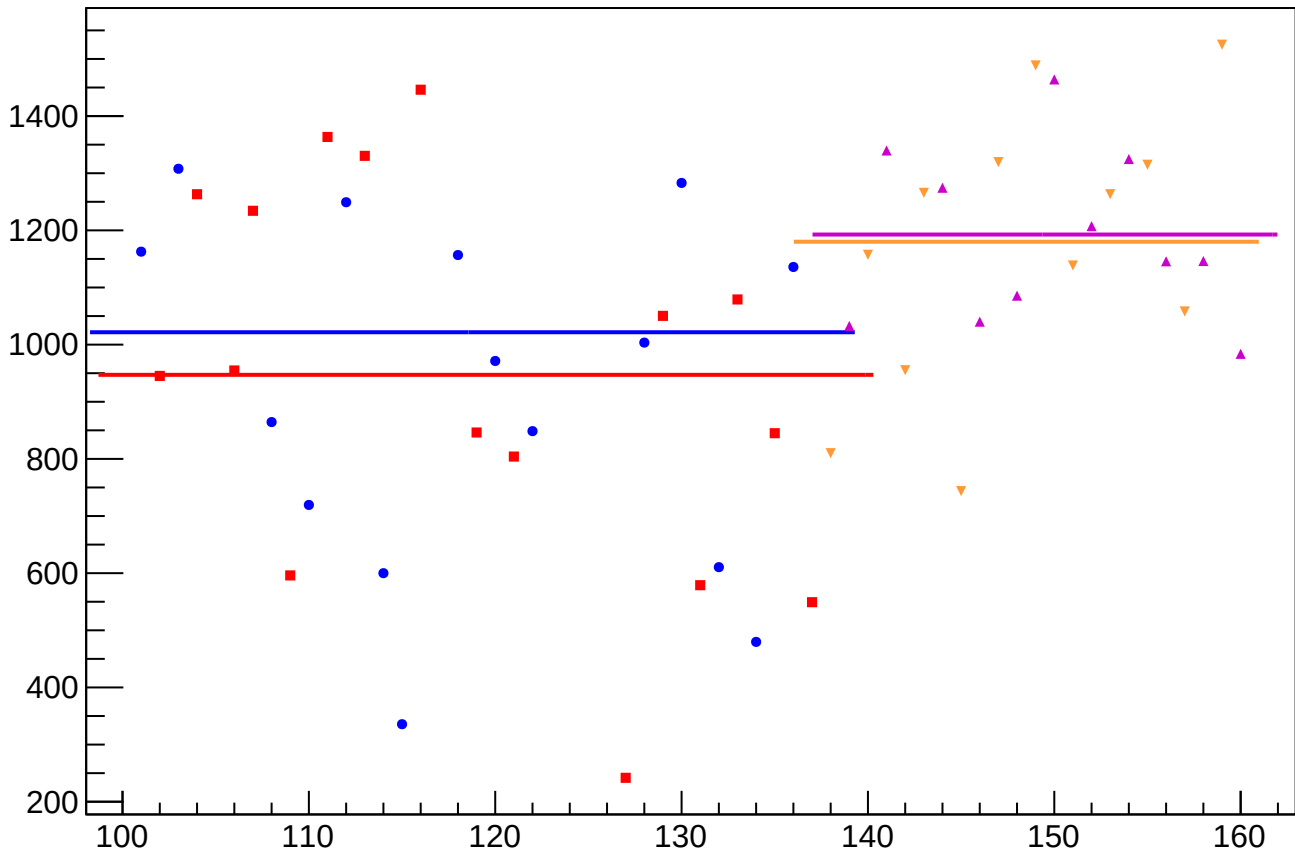
Right In: -32594.962 ± 0.000 $\chi^2/\text{NDF}: 209150369207000564489724529020922520141824.0/14$
 Left Out: -3764.764 ± 0.000 $\chi^2/\text{NDF}: 1969097651481267133720686593450373545984.0/11$
 Right Out: -34848.046 ± 0.000 $\chi^2/\text{NDF}: 221127702024811719232559434097324967591936.0/15$
 Left In: -4238.758 ± 0.000 $\chi^2/\text{NDF}: 1676258877466067471746283067125033598976.0/10$

dit_sam2_coil7_err_mean vs Slug



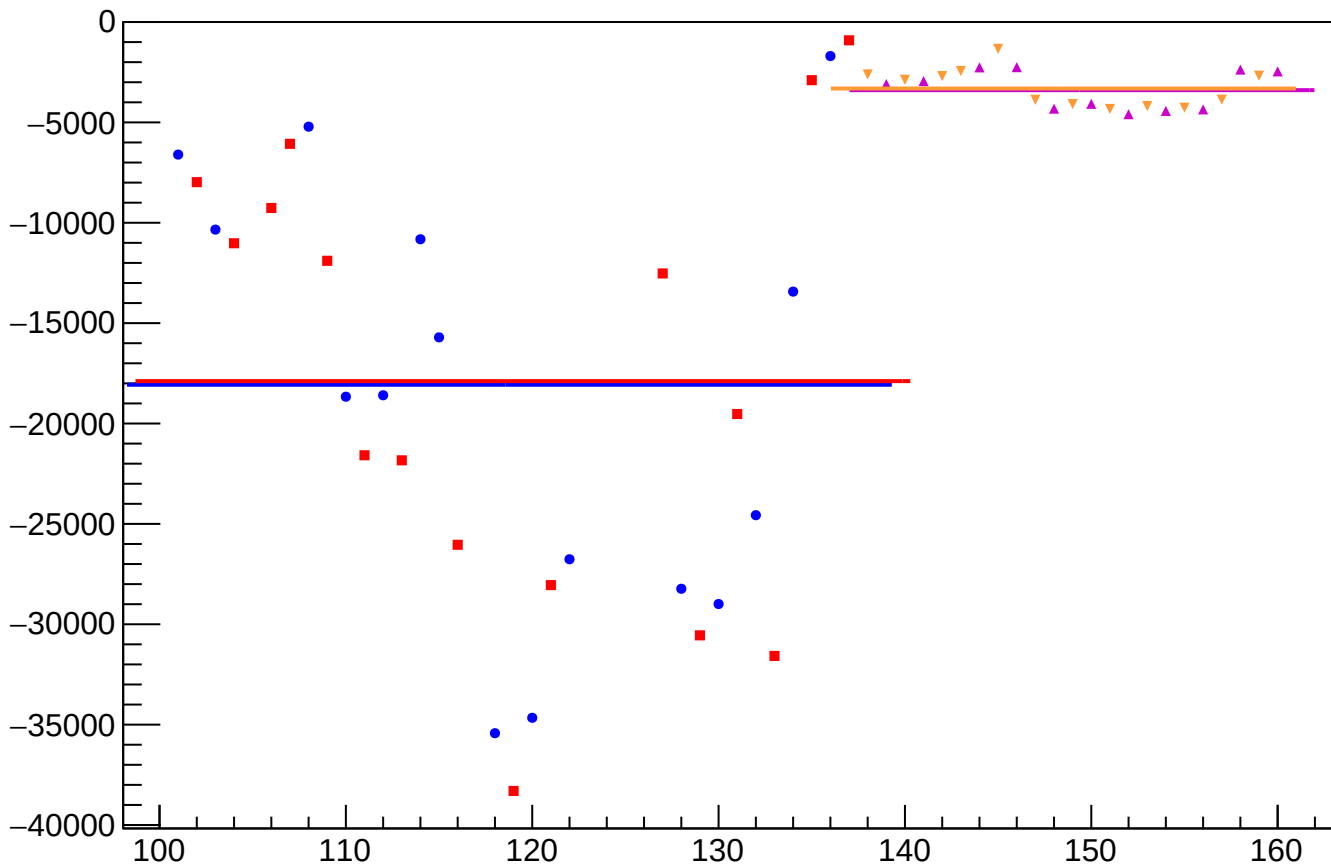
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769+/-0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10
 All: 1429.975+/-0.000 χ^2/NDF : 26847153341
 + sign 1446.535+/-0.000 χ^2/NDF : 15230348570712
 - sign 1413.706+/-0.000 χ^2/NDF : 11608307427850

dit_sam2_coil7_Ndata_mean vs Slug



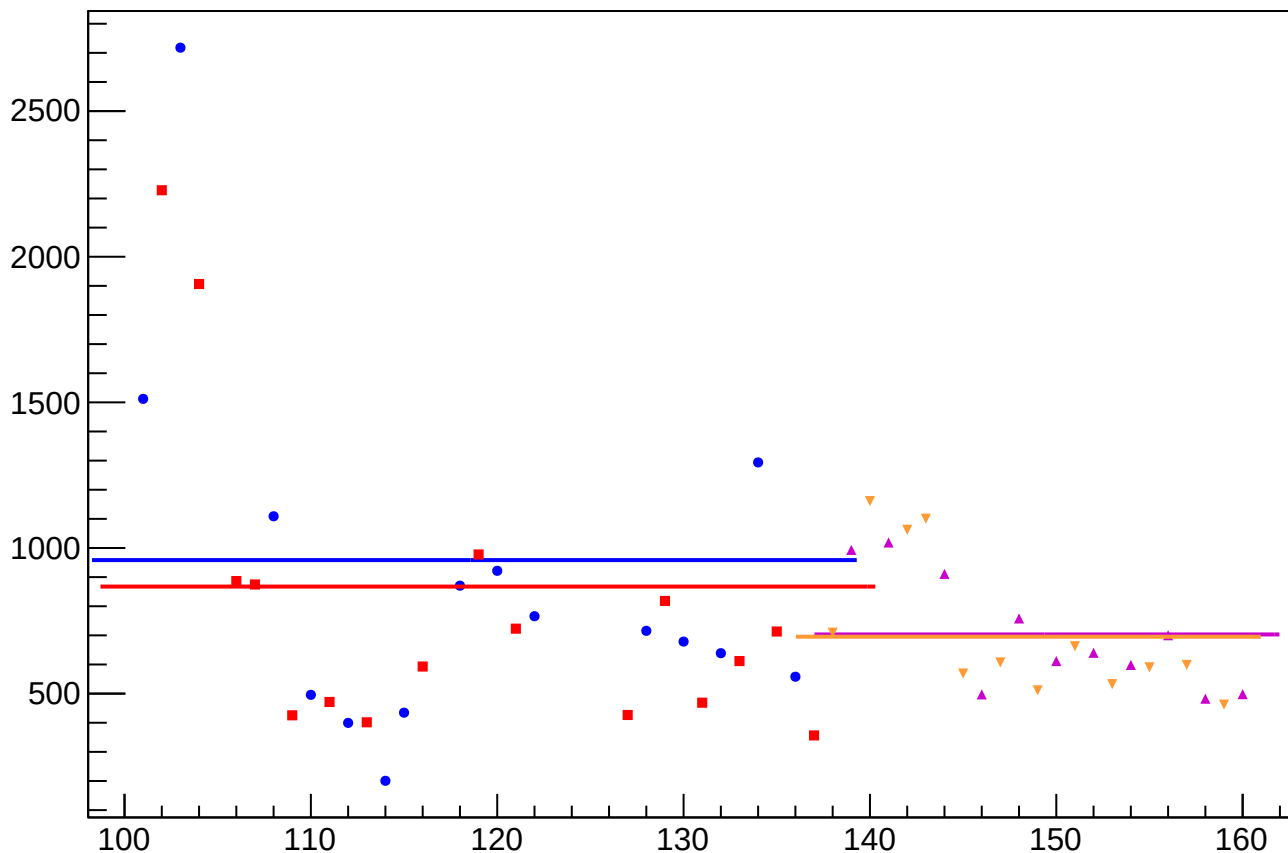
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3312.000+/-0.000 χ^2/NDF : 776933675153970093414497932746986356736.0/11
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10

dit_sam3_coil7_err_mean vs Slug



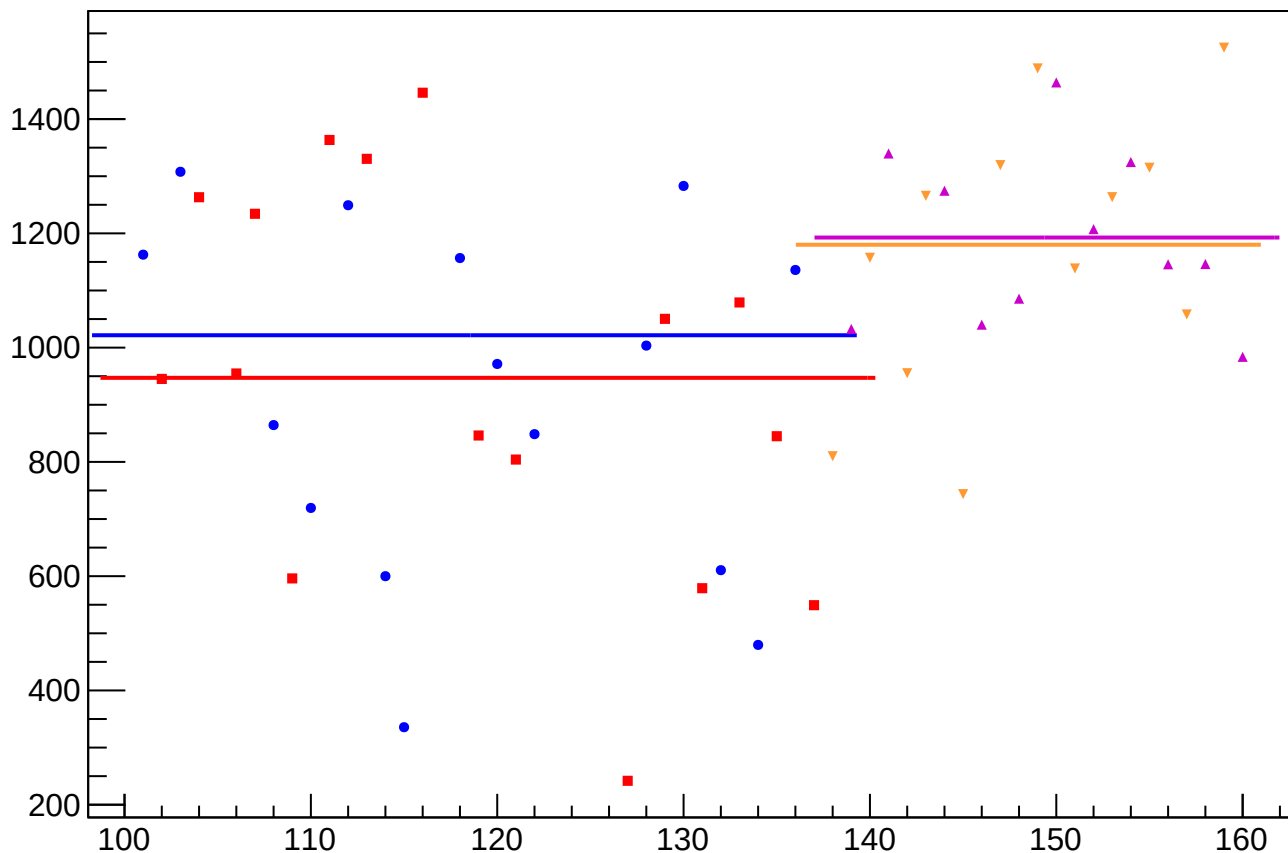
Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

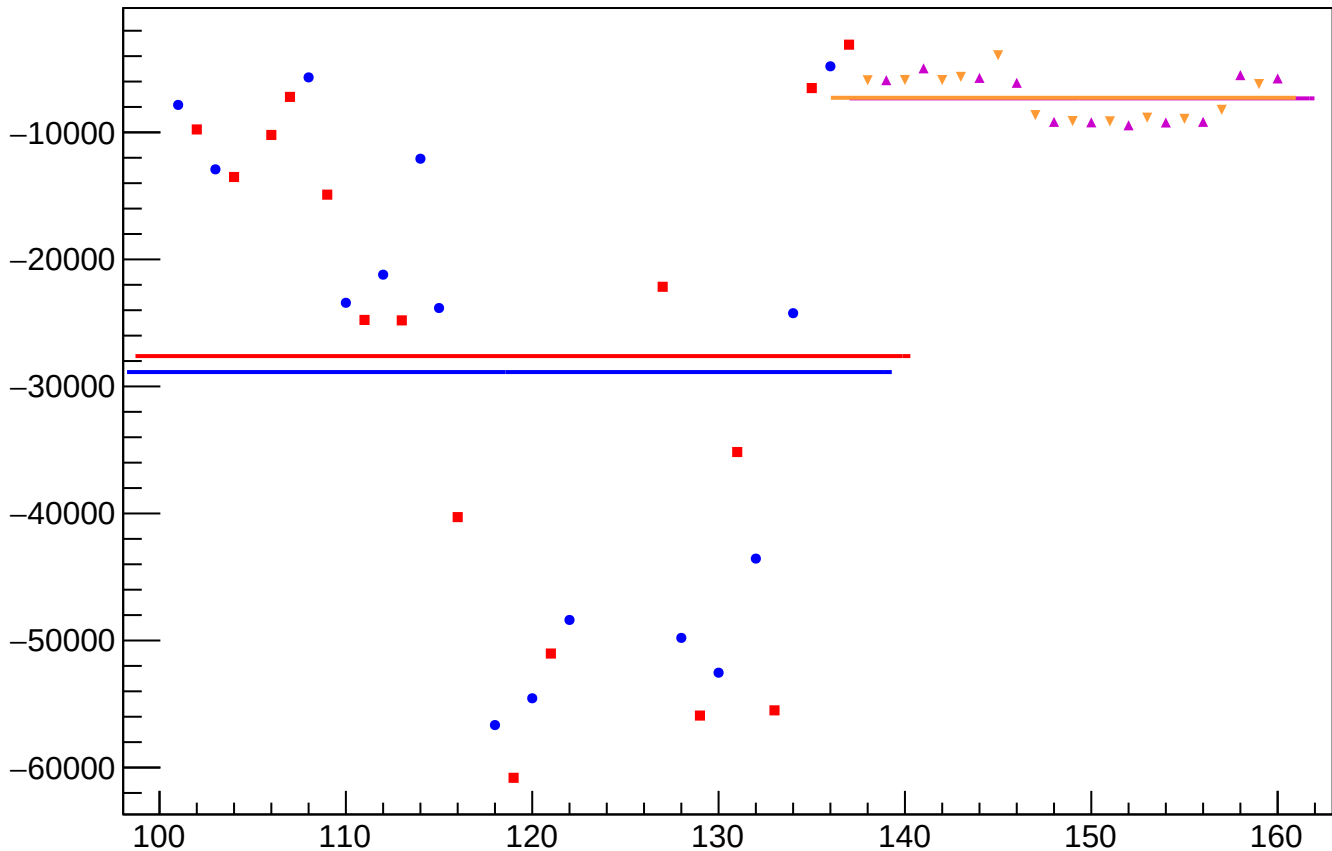
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

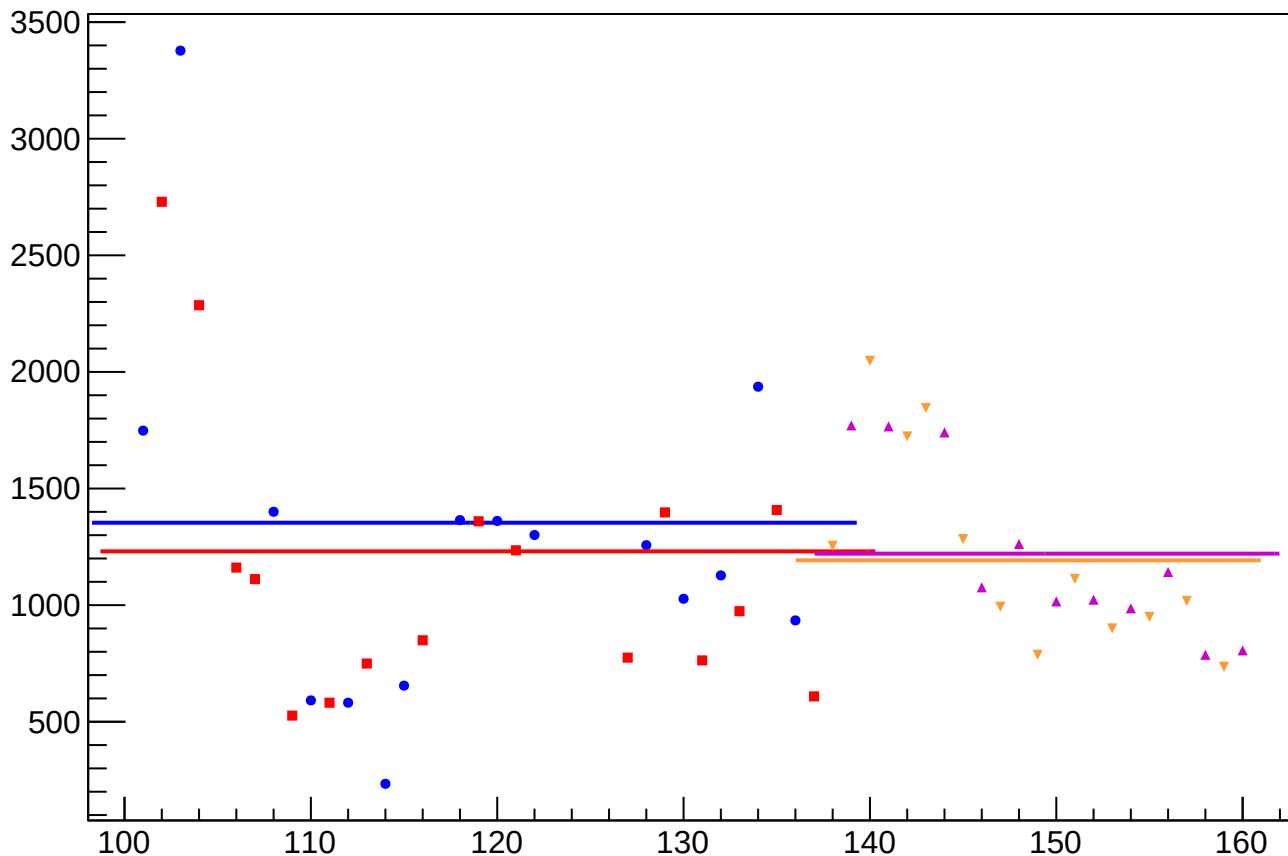
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7277.886+/-0.000 χ^2/NDF : 2738867305918098068317388239234104557568.0/11
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1192.275+/-0.000 χ^2/NDF : 150893742871936420702627399426239365120.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

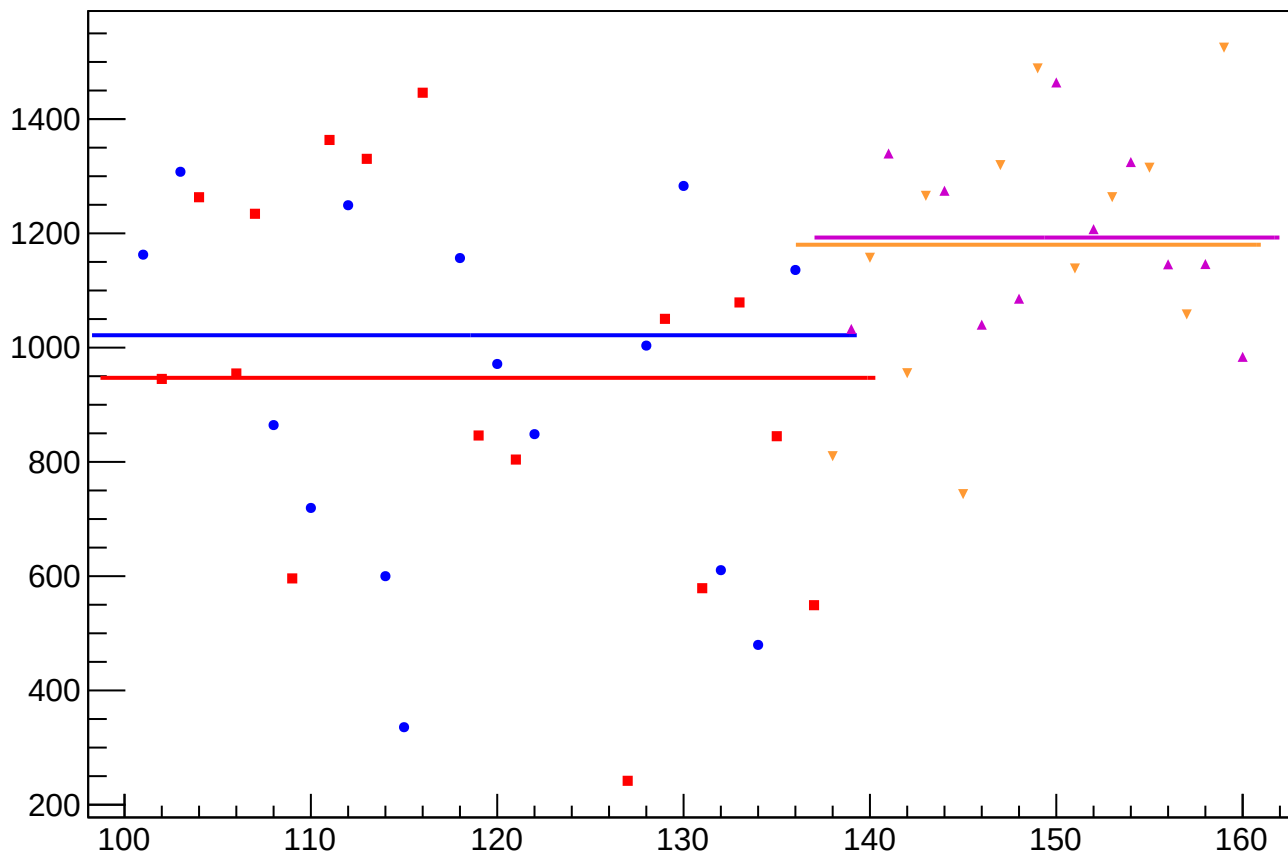
Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

+ sign 1259.184+/-0.000 χ^2/NDF : 51363609234821

All: 1241.889+/-0.000 χ^2/NDF : 90788694347

- sign 1224.899+/-0.000 χ^2/NDF : 39332410450392

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

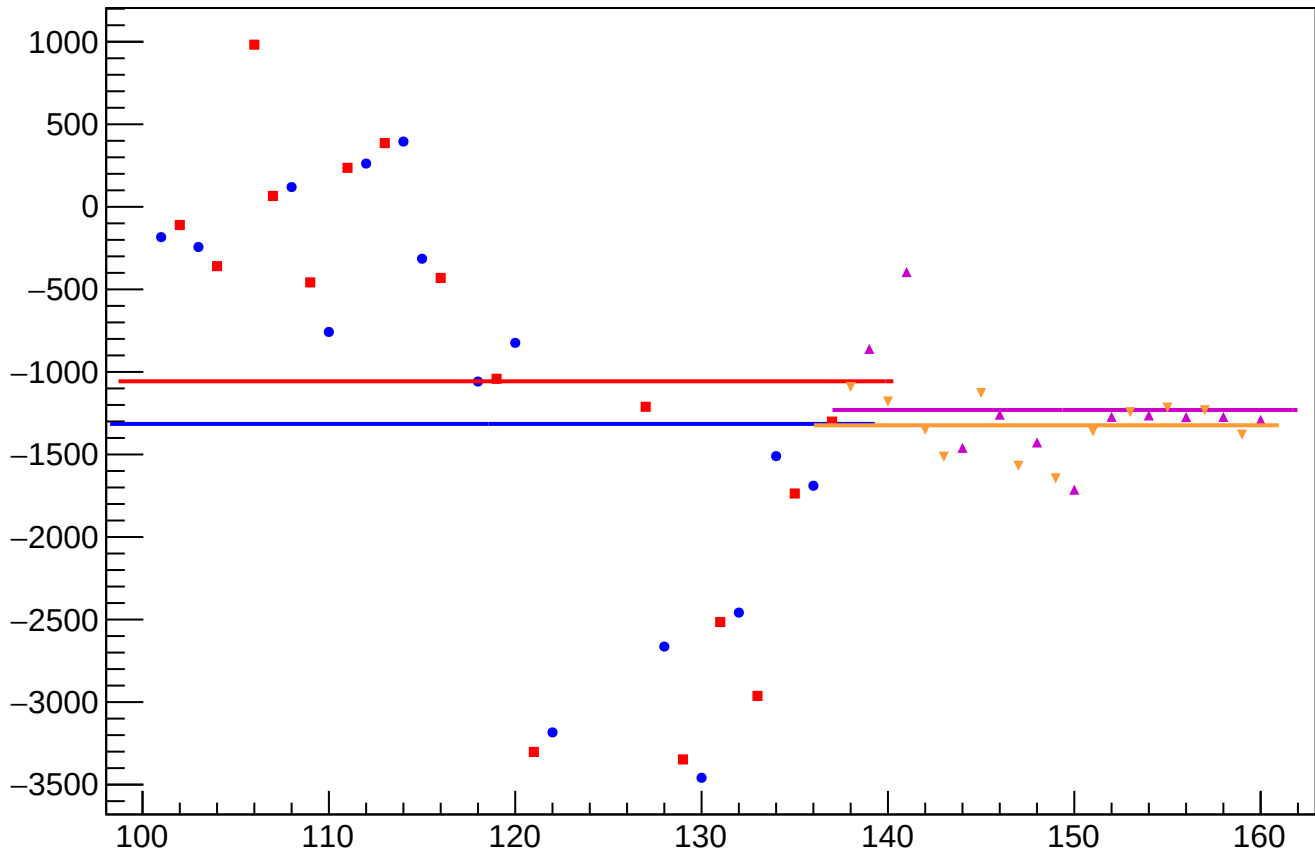
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

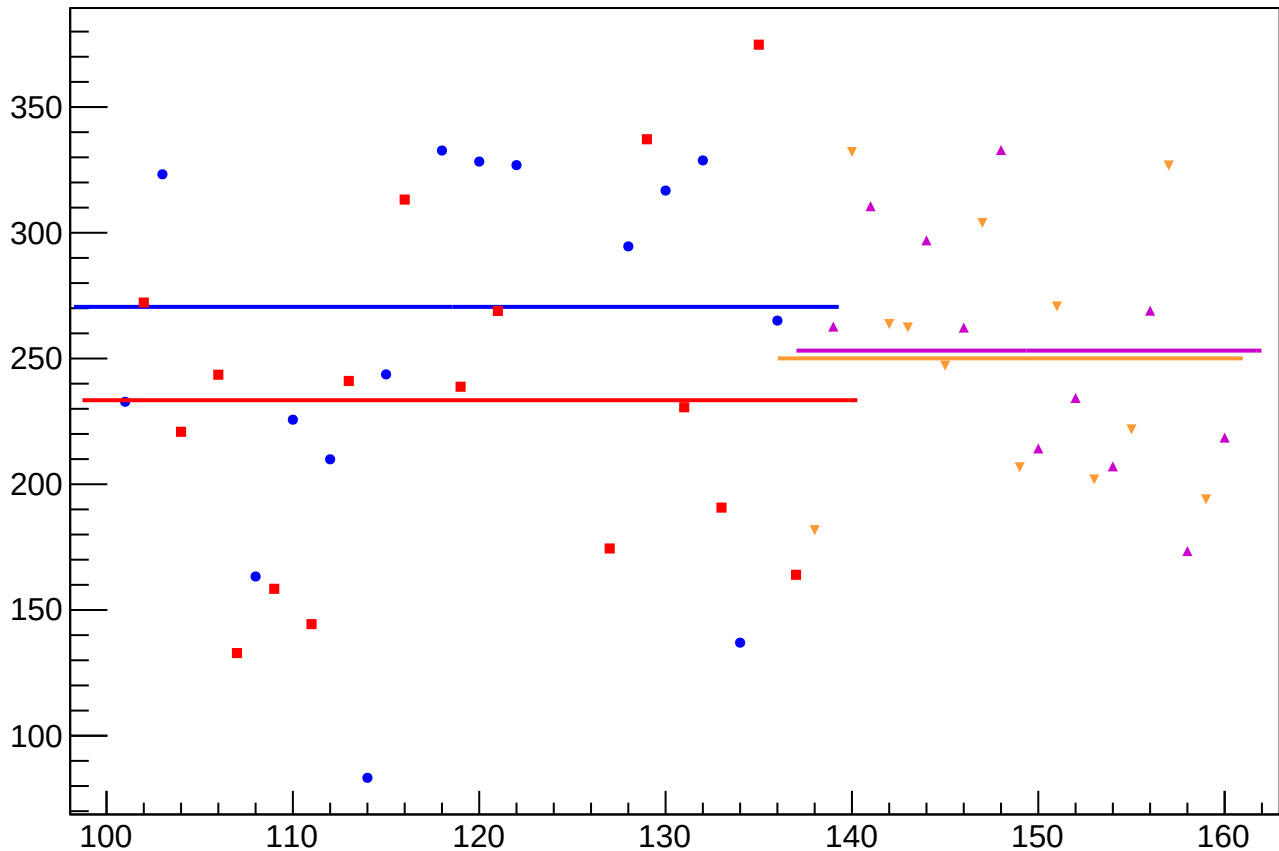
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam5_coil7_mean vs Slug



Right In: -1314.782 ± 0.000 $\chi^2/\text{NDF}: 966082368518203481544021644405645508608.0/14$
 Left Out: -1323.142 ± 0.000 $\chi^2/\text{NDF}: 27180584789293911694803613303409999872.0/11$
 Right Out: -1056.765 ± 0.000 $\chi^2/\text{NDF}: 1127141594187417021949832477353286041600.0/15$
 Left In: -1230.430 ± 0.000 $\chi^2/\text{NDF}: 100431691068850056086409132460520505344.0/10$

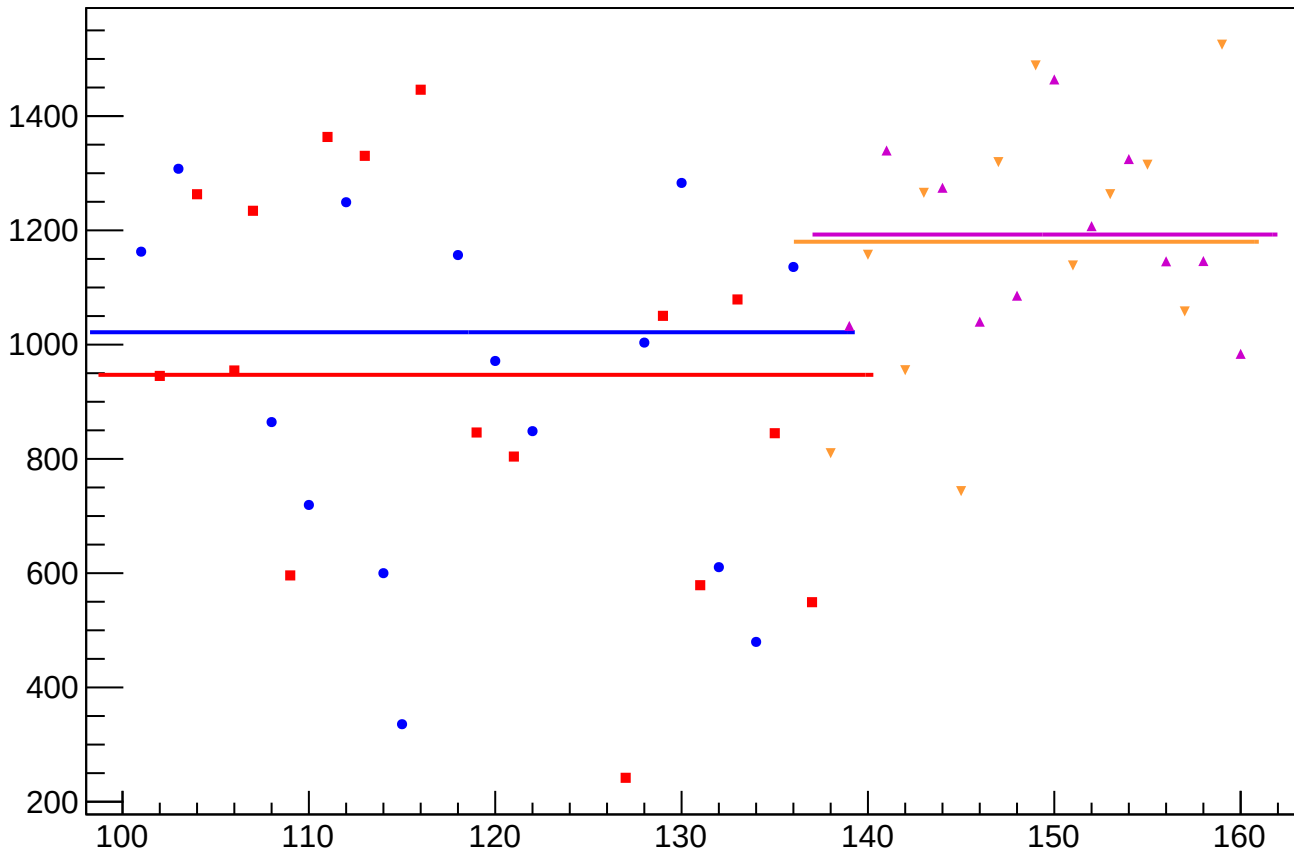
dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 250.055+/-0.000	χ^2/NDF : 2329396041694824766683600755668025344.0/11
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 253.145+/-0.000	χ^2/NDF : 1980196841930298045035907903943344128.0/10

+ sign 258.560+/-0.000 χ^2/NDF : 496246110495273
 All: 251.658+/-0.000 χ^2/NDF : 10289533435
 - sign 244.876+/-0.000 χ^2/NDF : 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

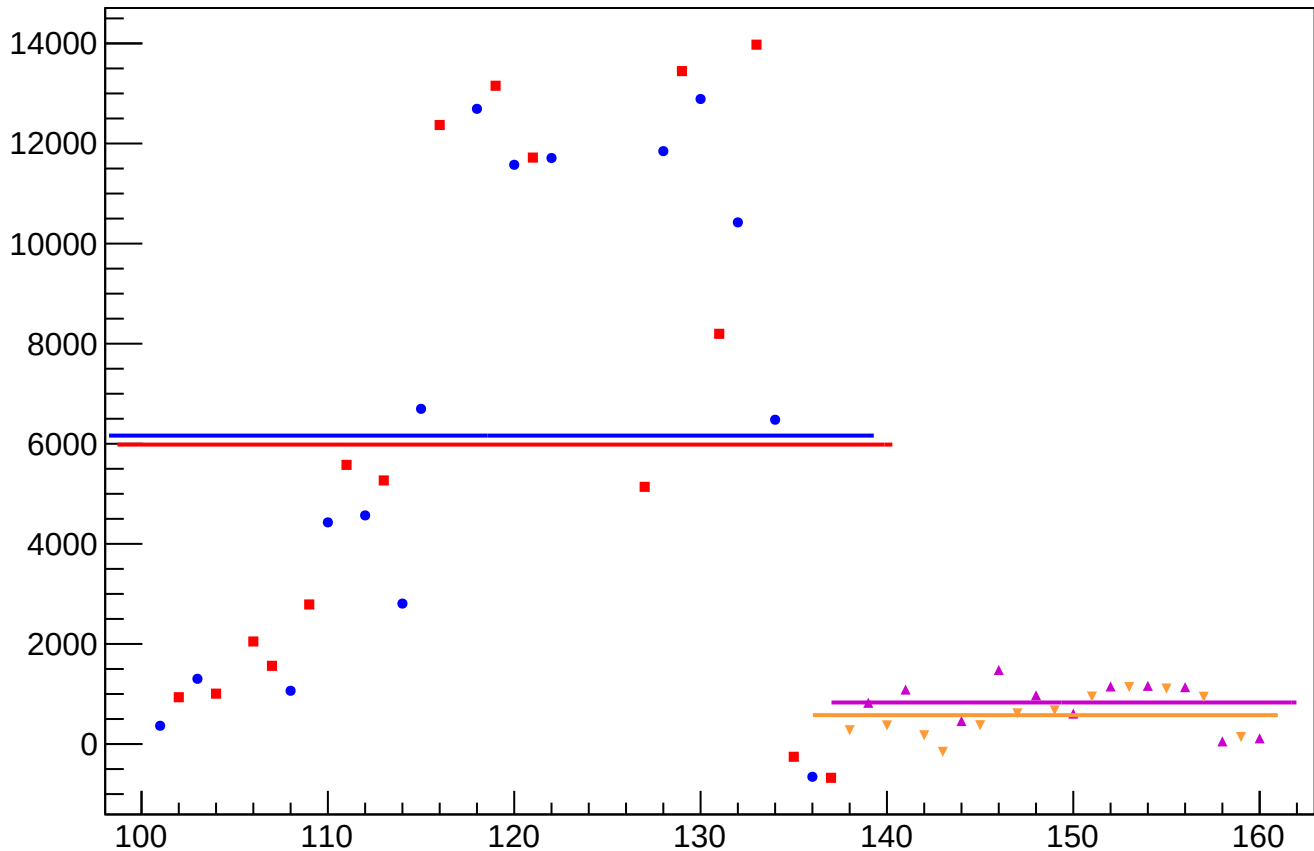
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

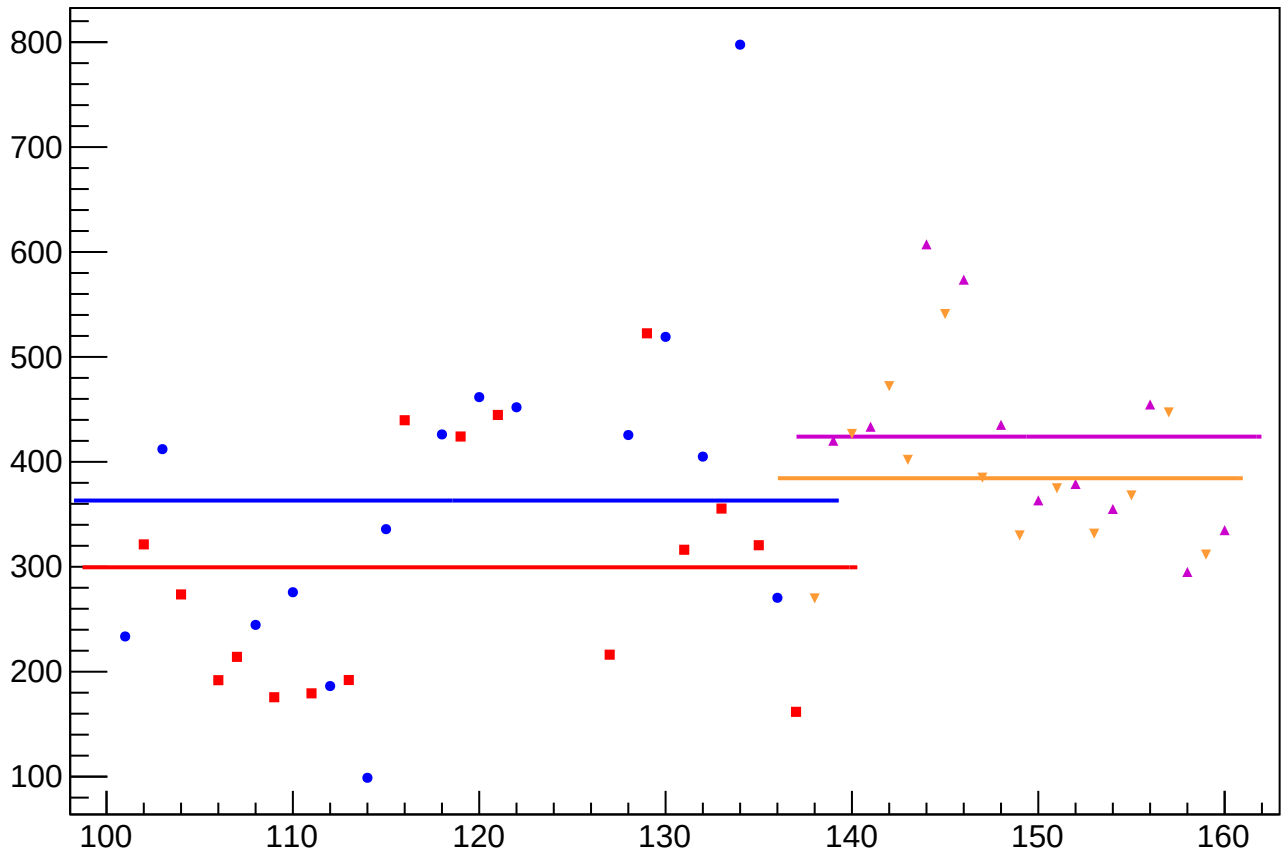
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam6_coil7_mean vs Slug



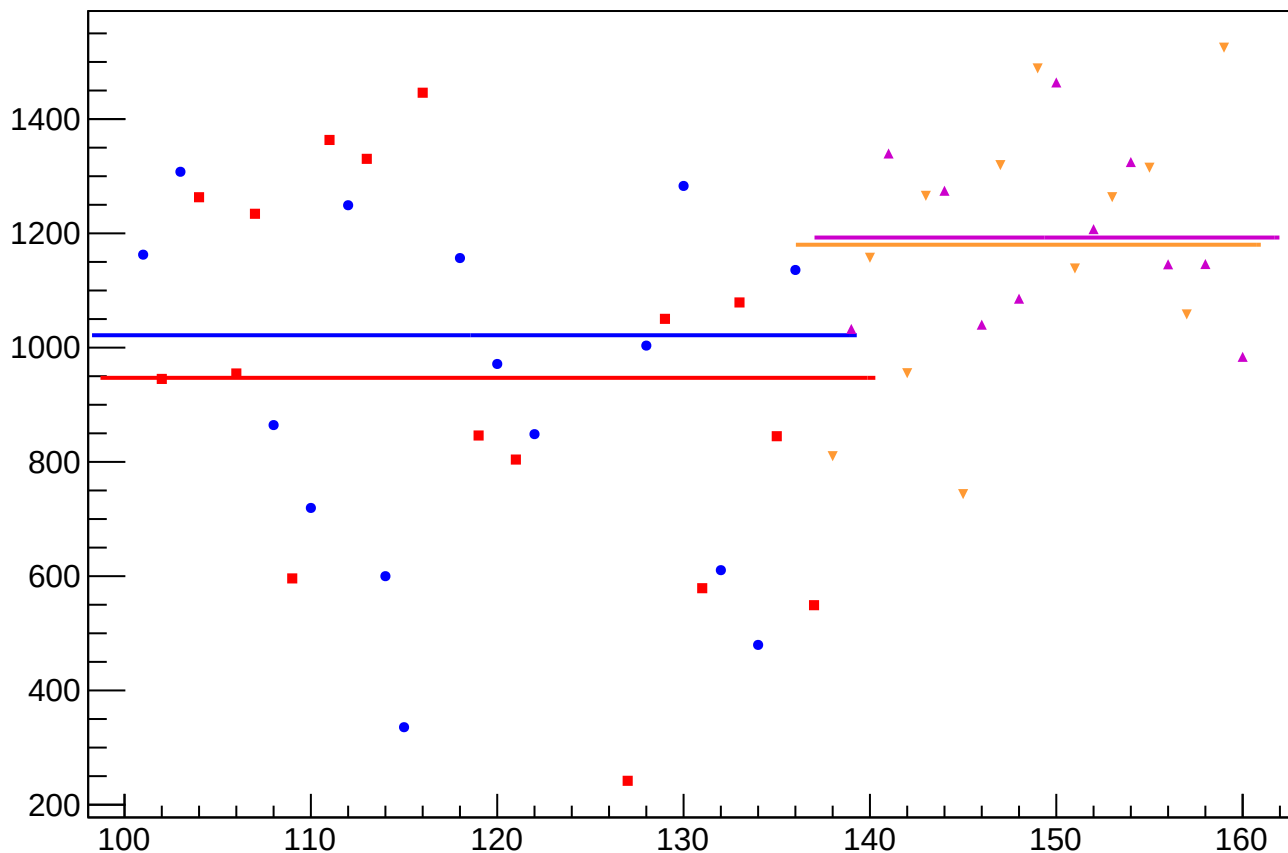
Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 577.285+/-0.000 χ^2/NDF : 143964932817712353720884813497116917760.0/11
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10
 + sign 2896.810+/-0.000 χ^2/NDF : 30187505563734
 All: 2944.332+/-0.000 χ^2/NDF : 58159227878
 - sign 2991.017+/-0.000 χ^2/NDF : 27964724924864

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14
 Left Out: 384.397+/-0.000 χ^2/NDF : 4703352228141784942428920611126378496.0/11
 Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15
 Left In: 424.034+/-0.000 χ^2/NDF : 7812894231718086106241094868881375232.0/10
 All: 373.683+/-0.000 χ^2/NDF : 378933578734
 + sign 375.568+/-0.000 χ^2/NDF : 163777394222651
 - sign 371.831+/-0.000 χ^2/NDF : 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

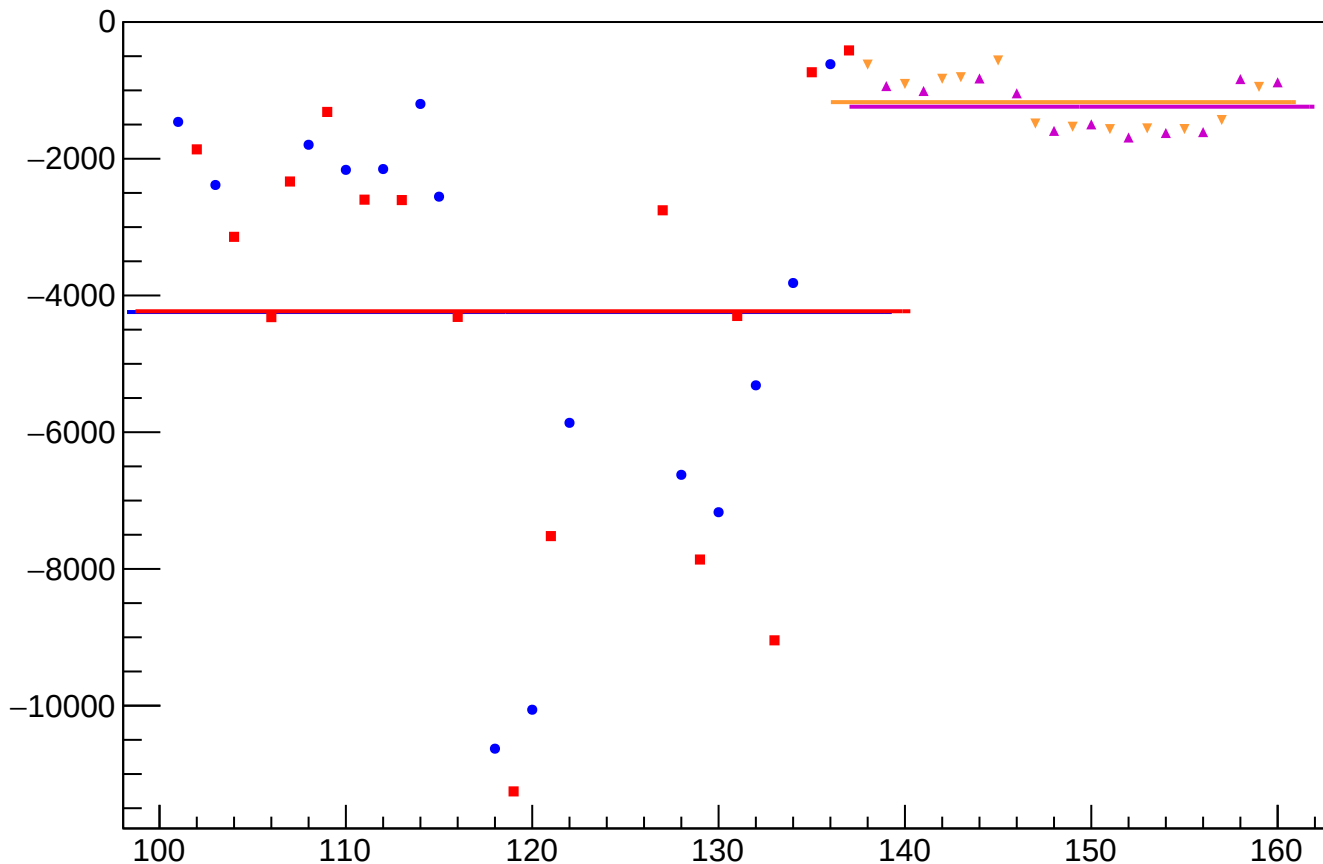
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

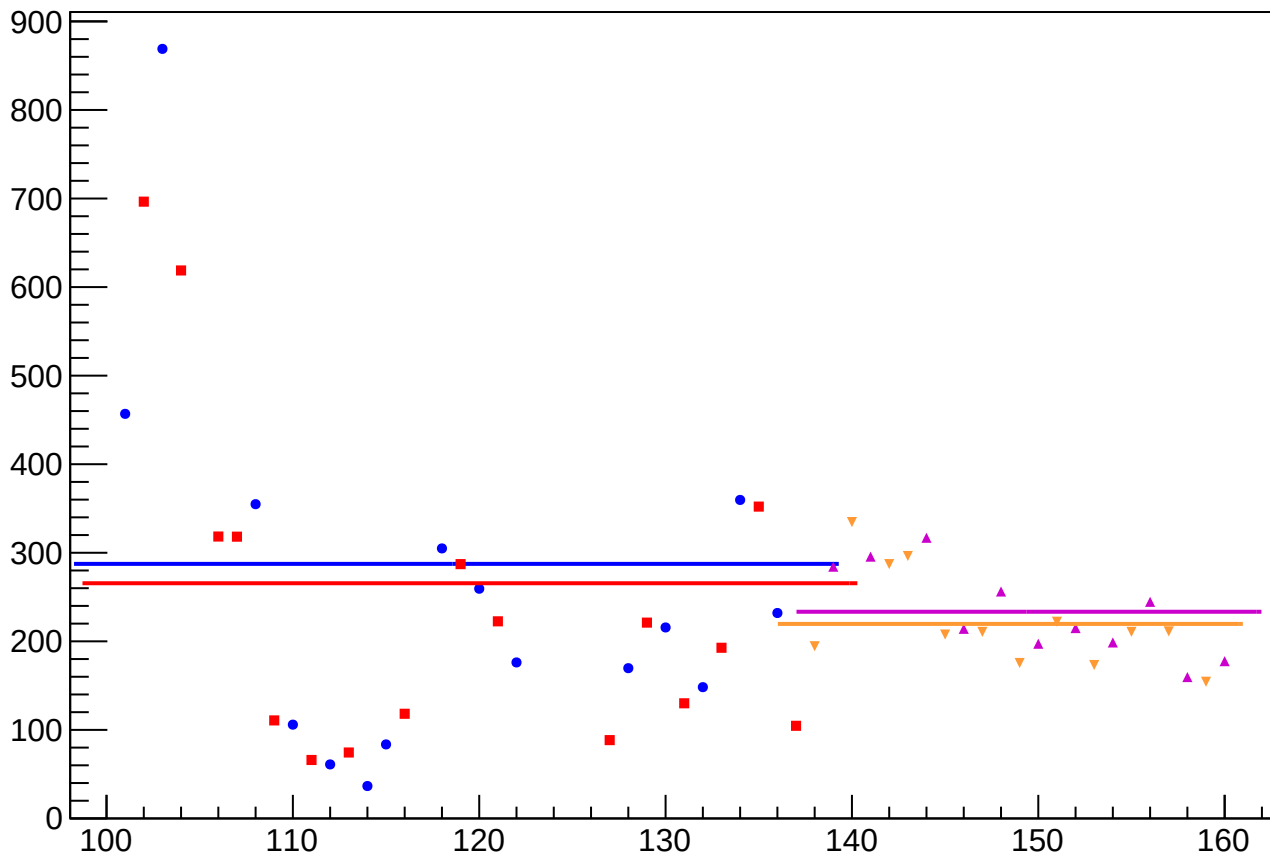
dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000	χ^2/NDF : 6783472272174151371145601081742110752768.0/14
Left Out: -1171.784+/-0.000	χ^2/NDF : 137401425112319786783295403719378599936.0/11
Right Out: -4230.978+/-0.000	χ^2/NDF : 6682409528103016752204343573740930465792.0/15
Left In: -1238.776+/-0.000	χ^2/NDF : 111339045659652616720712870833504124928.0/10

+ sign -2446.693+/-0.000 χ^2/NDF : 1049869951463
 All: -2470.156+/-0.000 χ^2/NDF : 2076239631
 - sign -2493.207+/-0.000 χ^2/NDF : 10261991032463

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

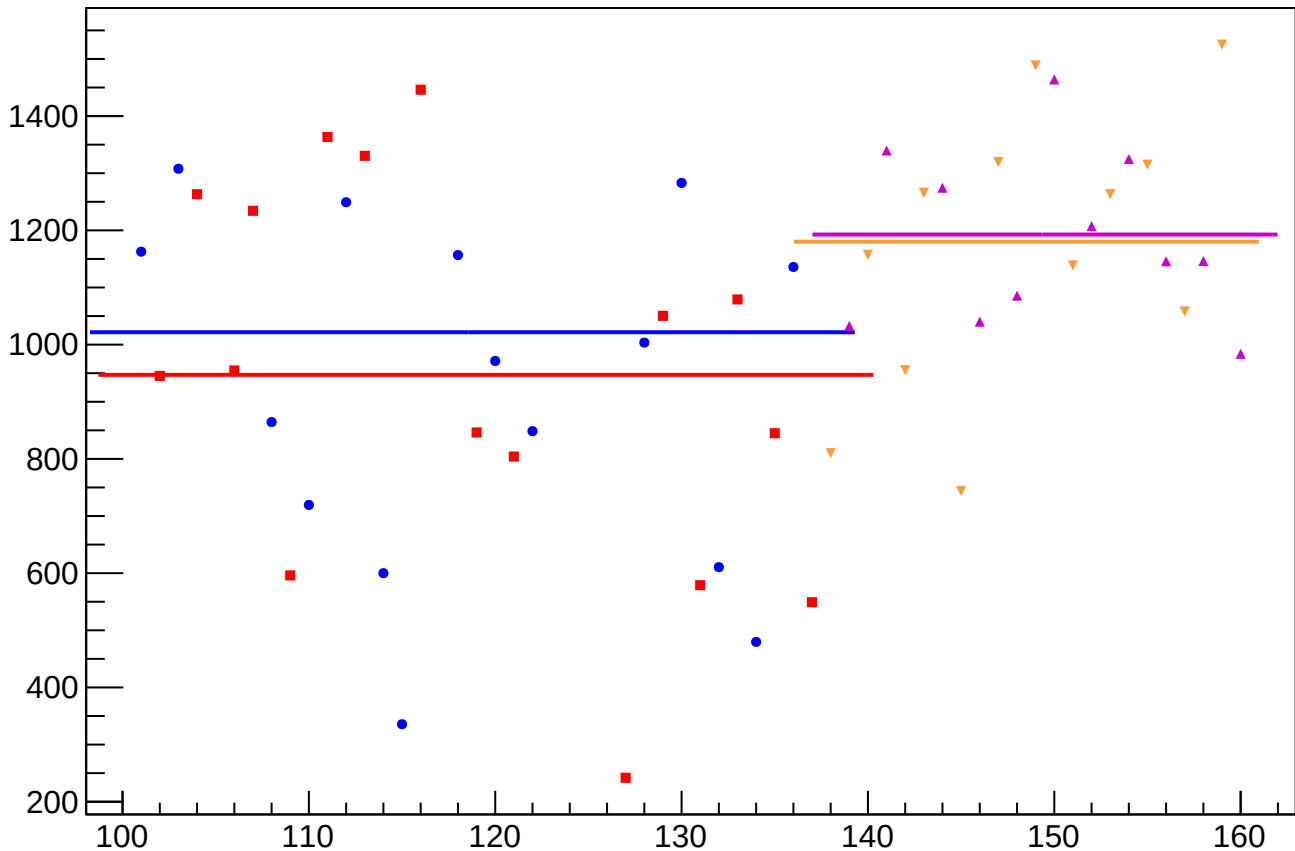
Left Out: 219.672+/-0.000 χ^2/NDF : 2455507522676926762328692419180101632.0/11

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

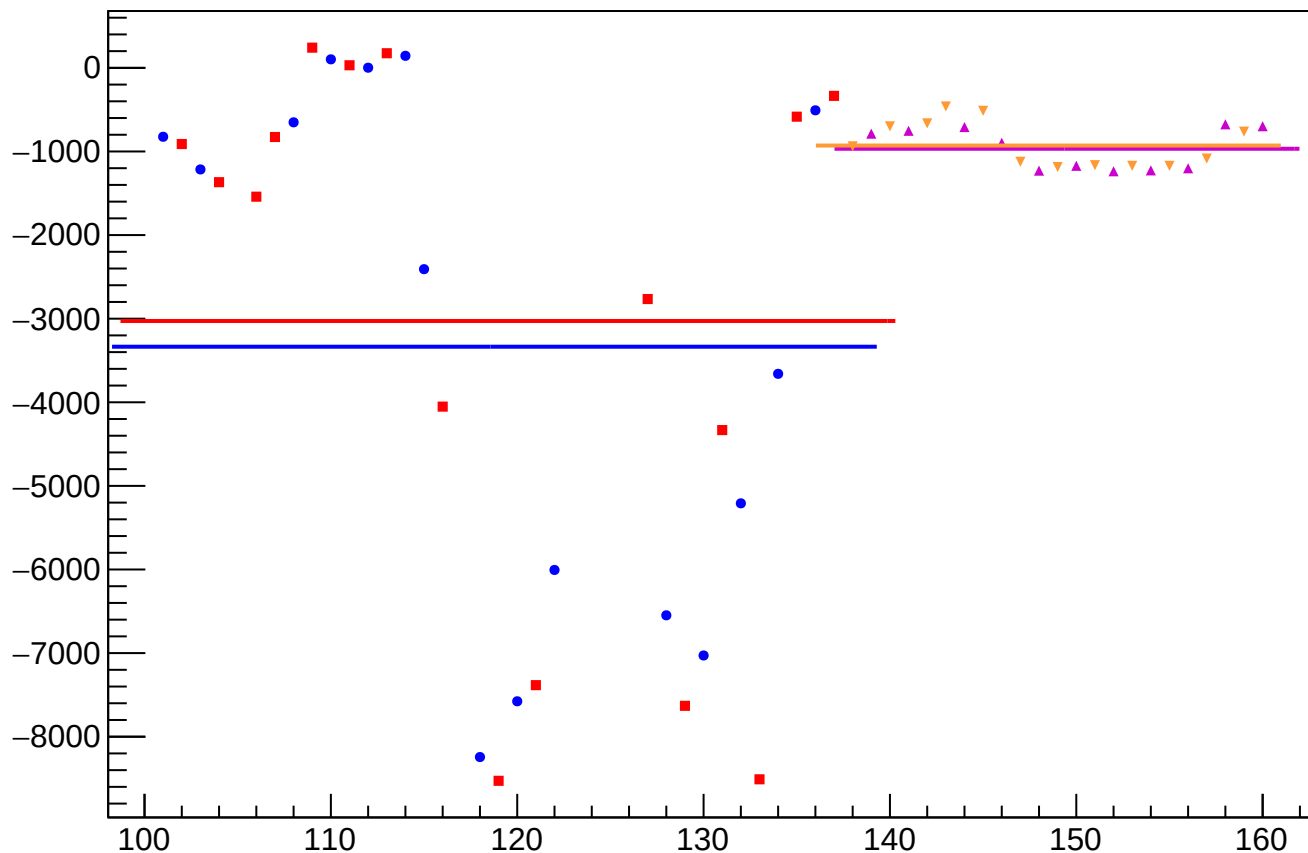
All: 247.353+/-0.000 χ^2/NDF : 621333161030

dit_sam7_coil7_Ndata_mean vs Slug



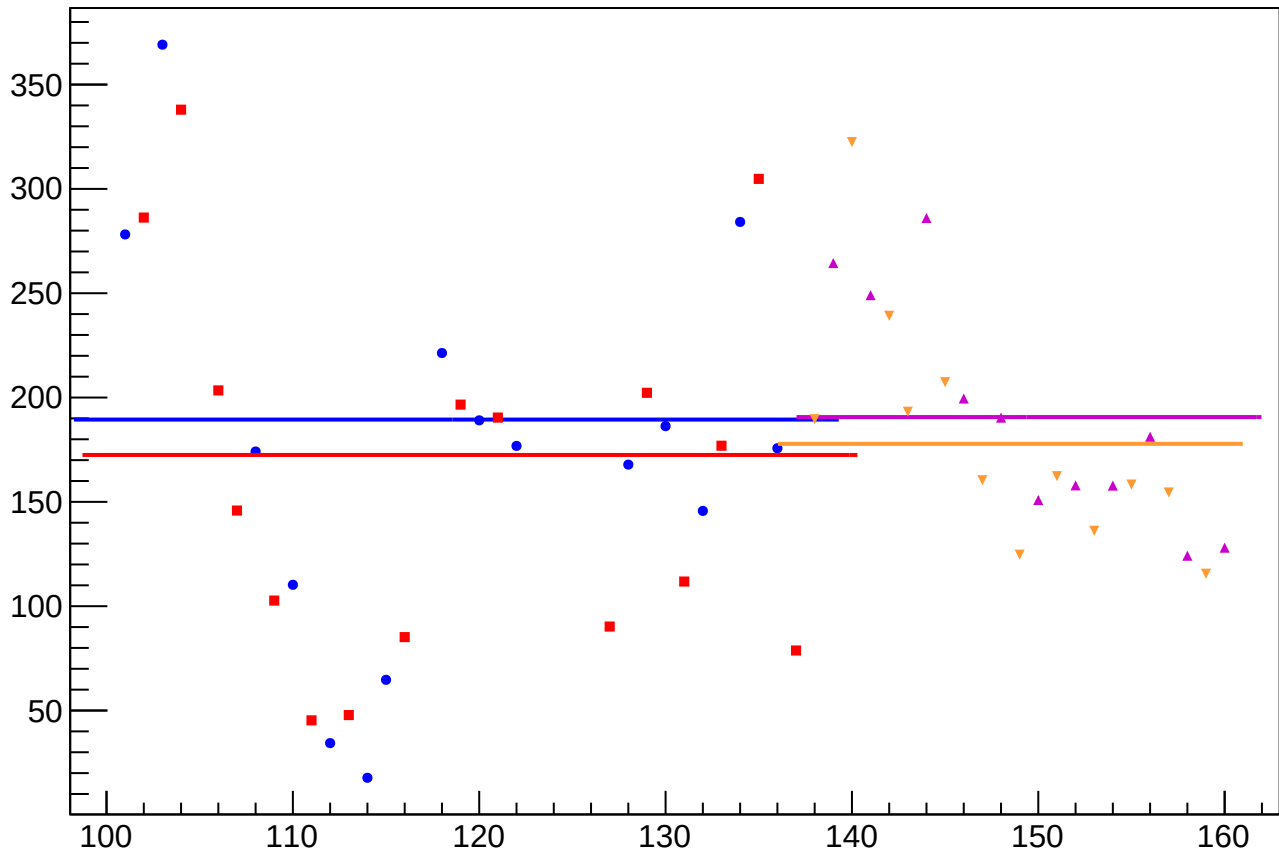
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam8_coil7_mean vs Slug



Right In: -3335.273 ± 0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -928.862 ± 0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 Right Out: -3027.603 ± 0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568 ± 0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

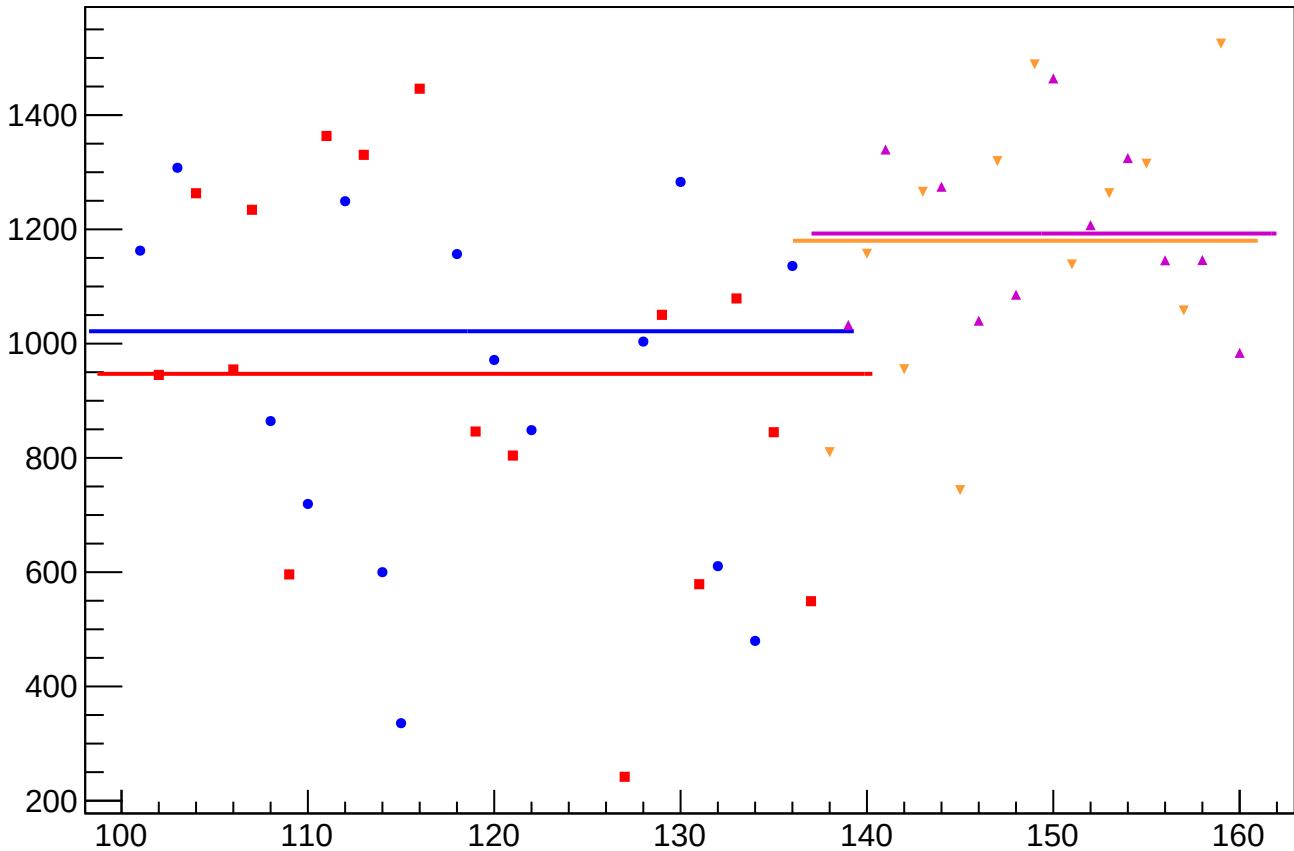
dit_sam8_coil7_err_mean vs Slug



Right In: 189.442 $\pm$ 0.000	χ^2 /NDF: 4707234253929700721726064108794544128.0/14
Left Out: 177.811 $\pm$ 0.000	χ^2 /NDF: 2793392529927944860081581234505908224.0/11
Right Out: 172.485 $\pm$ 0.000	χ^2 /NDF: 5594813408996728261938711470404534272.0/15
Left In: 190.641 $\pm$ 0.000	χ^2 /NDF: 2536070386684067132001548898091925504.0/10

+ sign 182.640 $\pm$ 0.000 χ^2 /NDF: 755196649084906
 All: 182.836 $\pm$ 0.000 χ^2 /NDF: 15810669328
 - sign 183.029 $\pm$ 0.000 χ^2 /NDF: 825858339211044

dit_sam8_coil7_Ndata_mean vs Slug



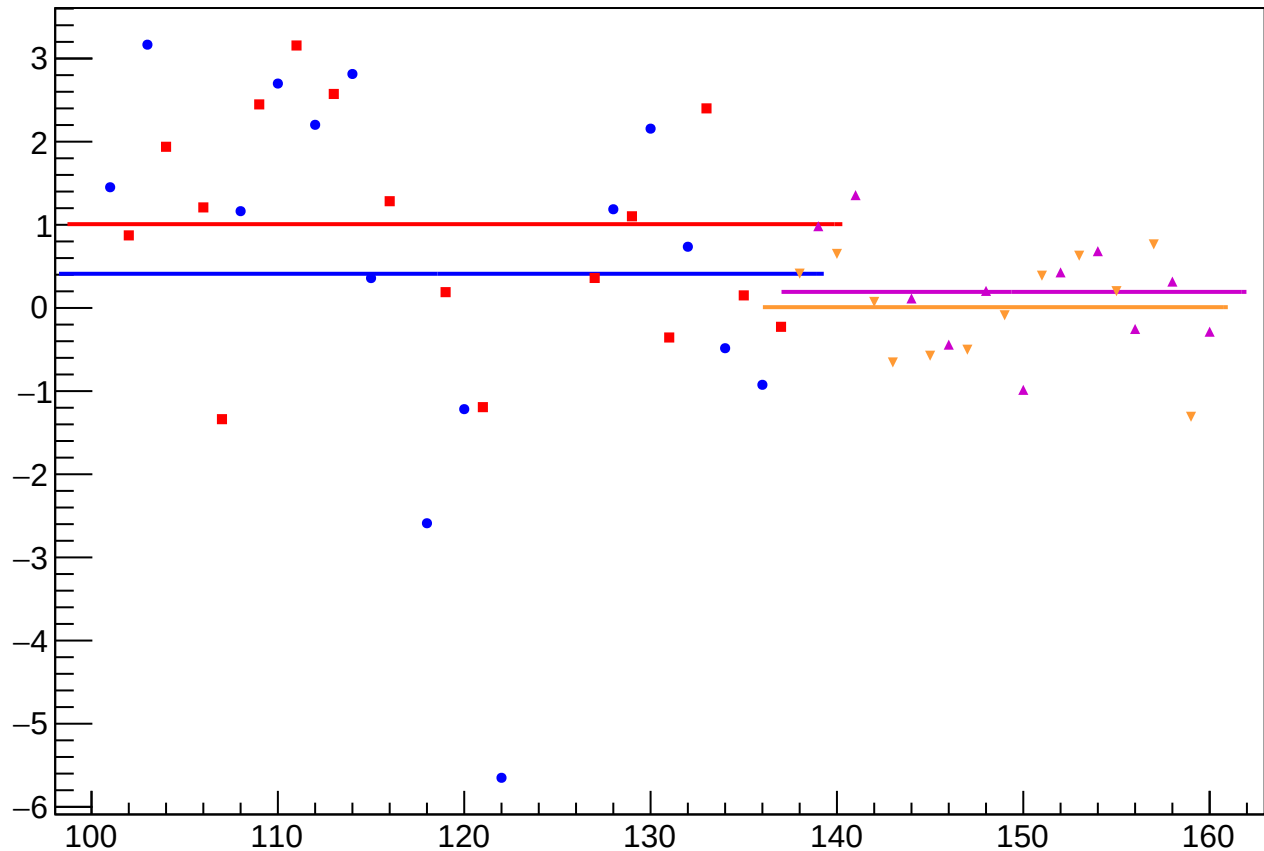
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1192.687+/-0.000 χ^2/NDF :19255287383728205662654022867381911552.0/10

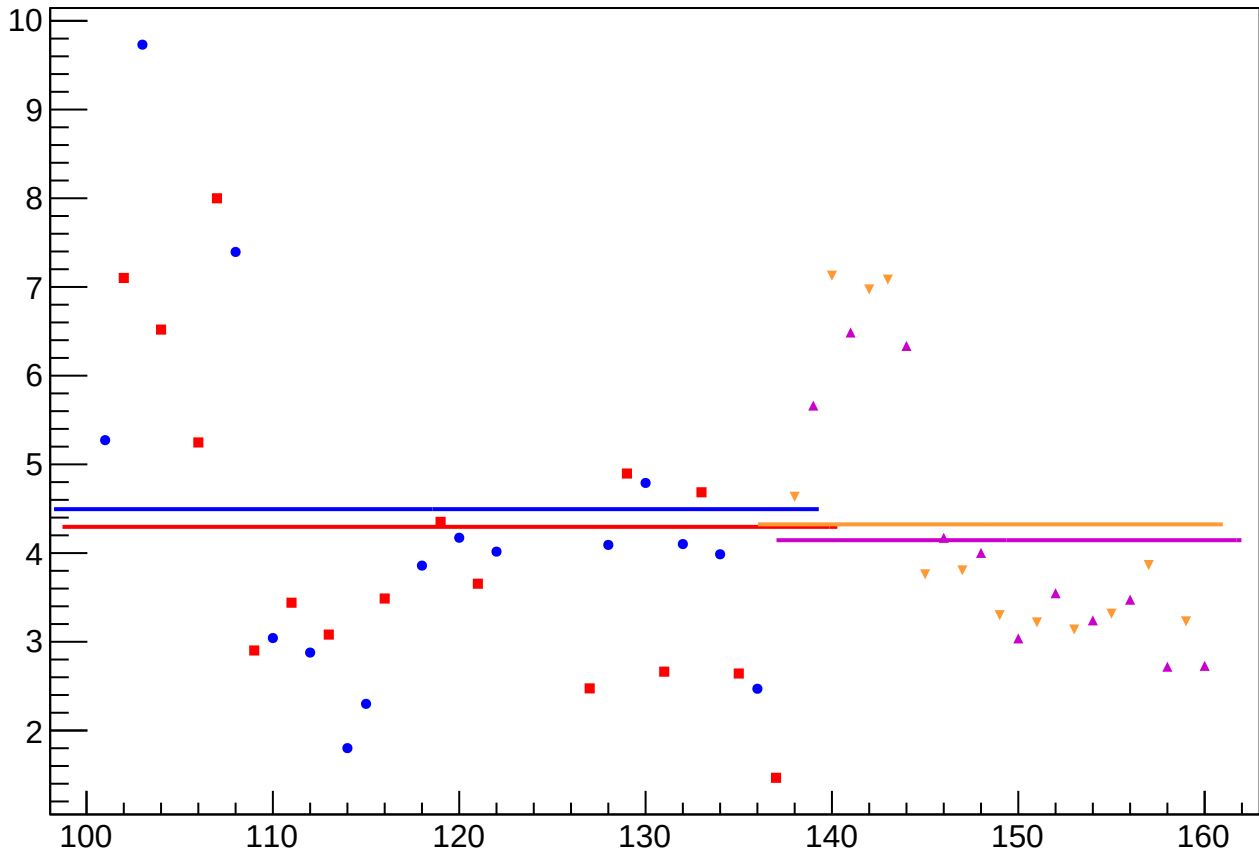
dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000	χ^2/NDF : 3385573506255563170053089820409856.0/14
Left Out: 0.010+/-0.000	χ^2/NDF : 354573516648160349272665694928896.0/11
Right Out: 1.008+/-0.000	χ^2/NDF : 1128402228144096394498047410700288.0/15
Left In: 0.193+/-0.000	χ^2/NDF : 386133523330033860307880234713088.0/10

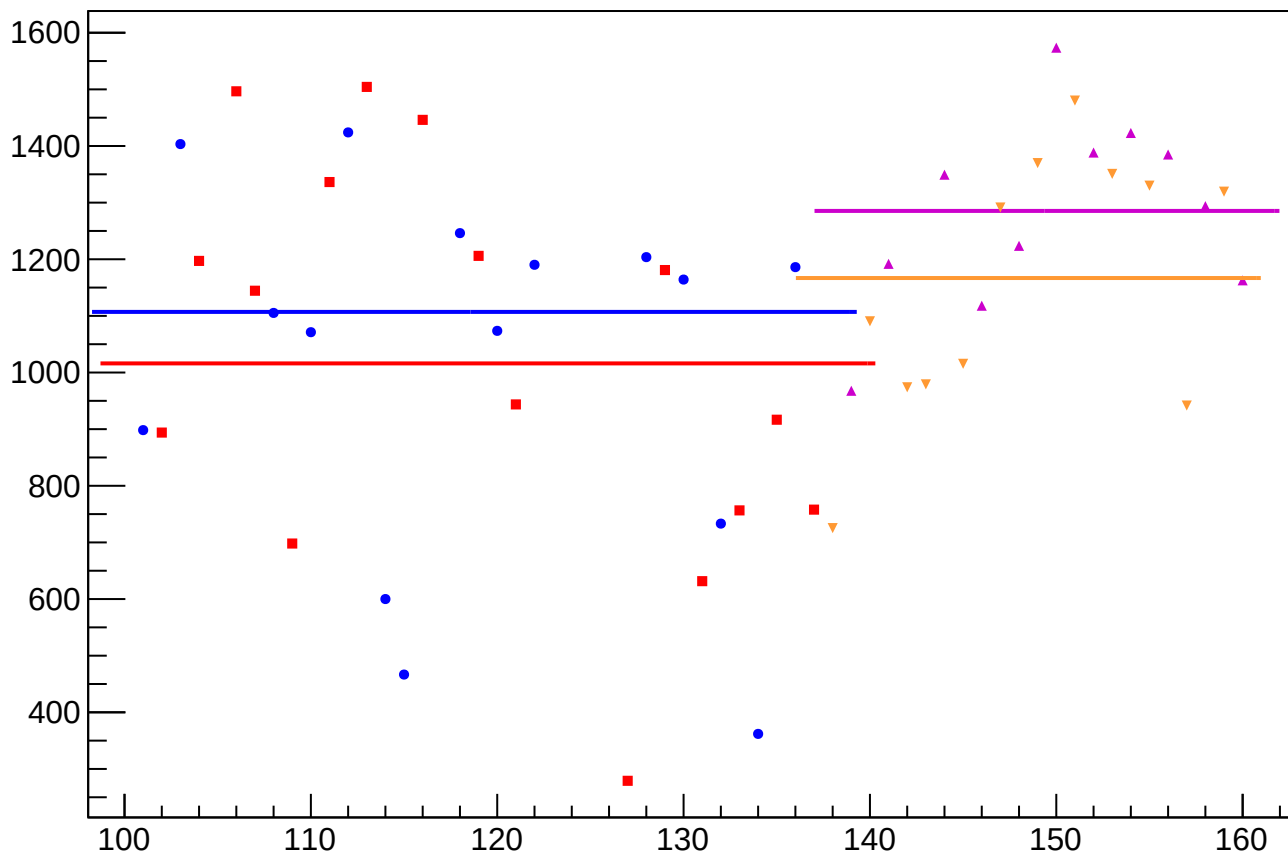
+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763
 All: 0.357+/-0.000 χ^2/NDF : 56741679110622
 - sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

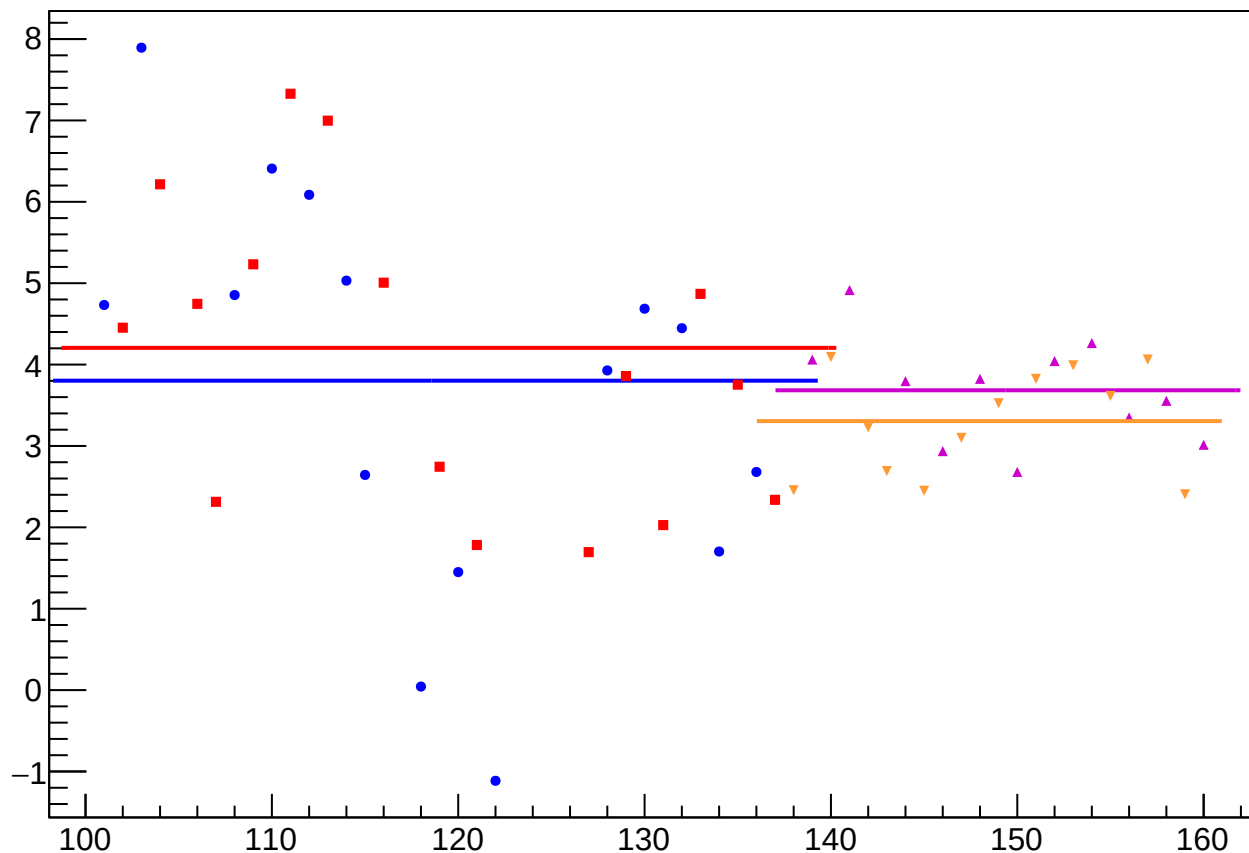
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316

All: 1157.392+/-0.000 χ^2/NDF : 21202911442

- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

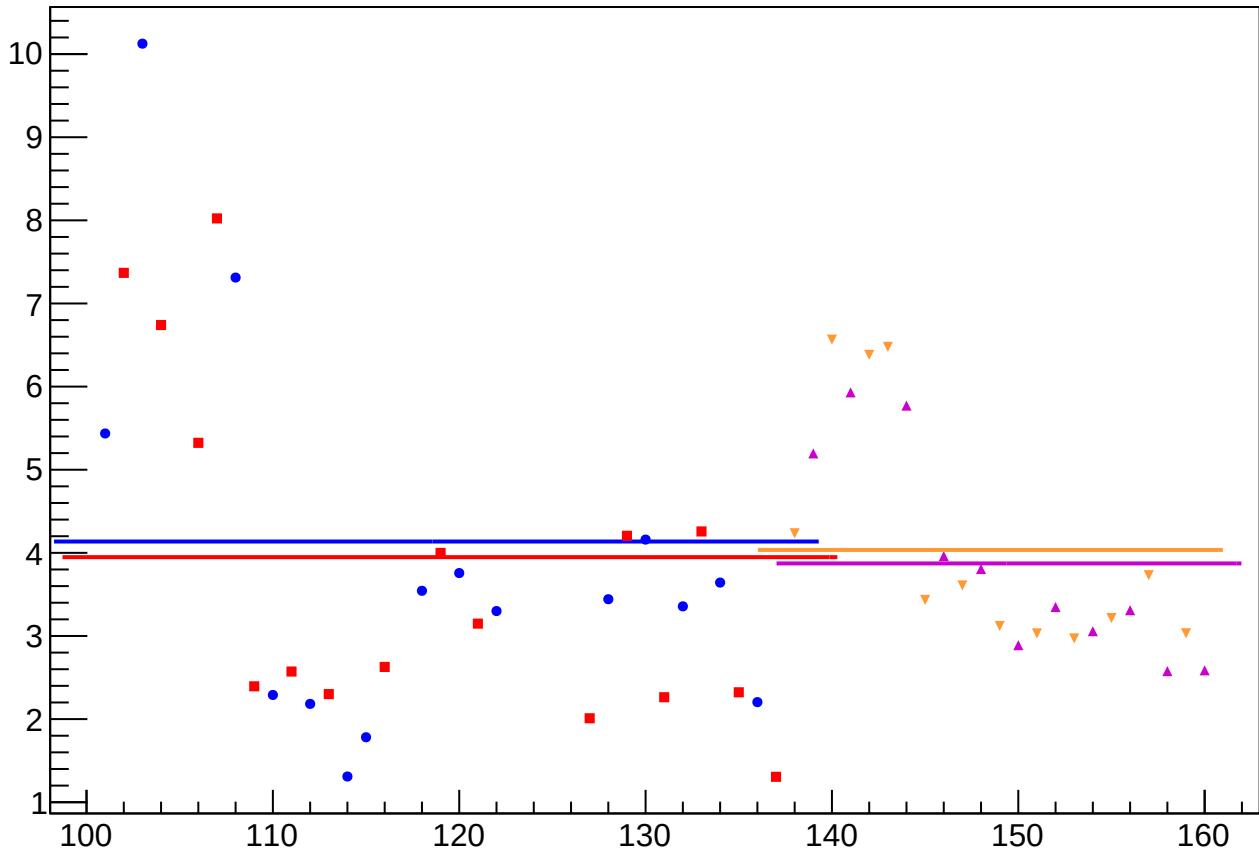
dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.305+/-0.000	χ^2/NDF : 375514605339805624898679558111232.0/11
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.684+/-0.000	χ^2/NDF : 366001419656422310601850072596480.0/10

+ sign 3.512+/-0.000 χ^2/NDF : 42645411605619782
 All: 3.709+/-0.000 χ^2/NDF : 6952977853900
 - sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

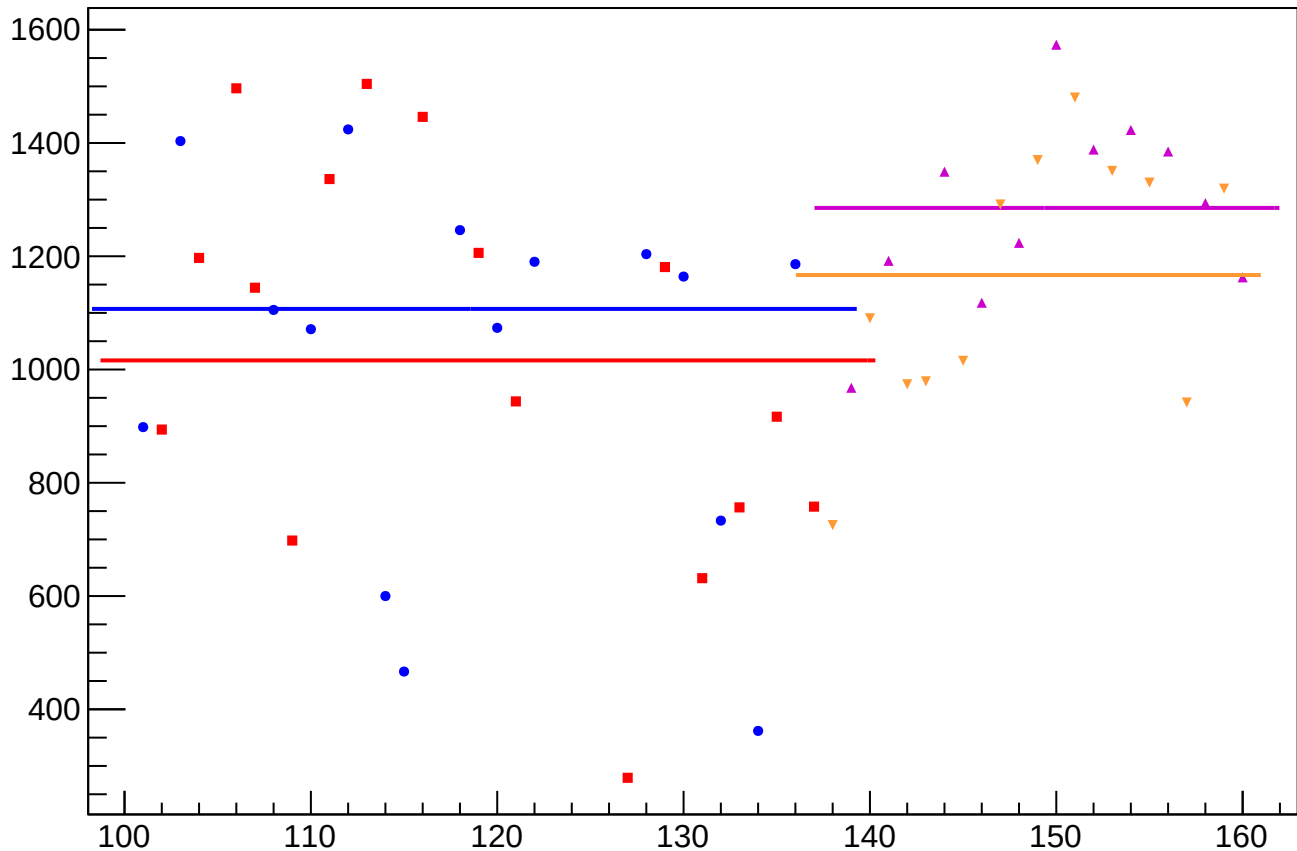
dit_4eX_coil4_err_mean vs Slug



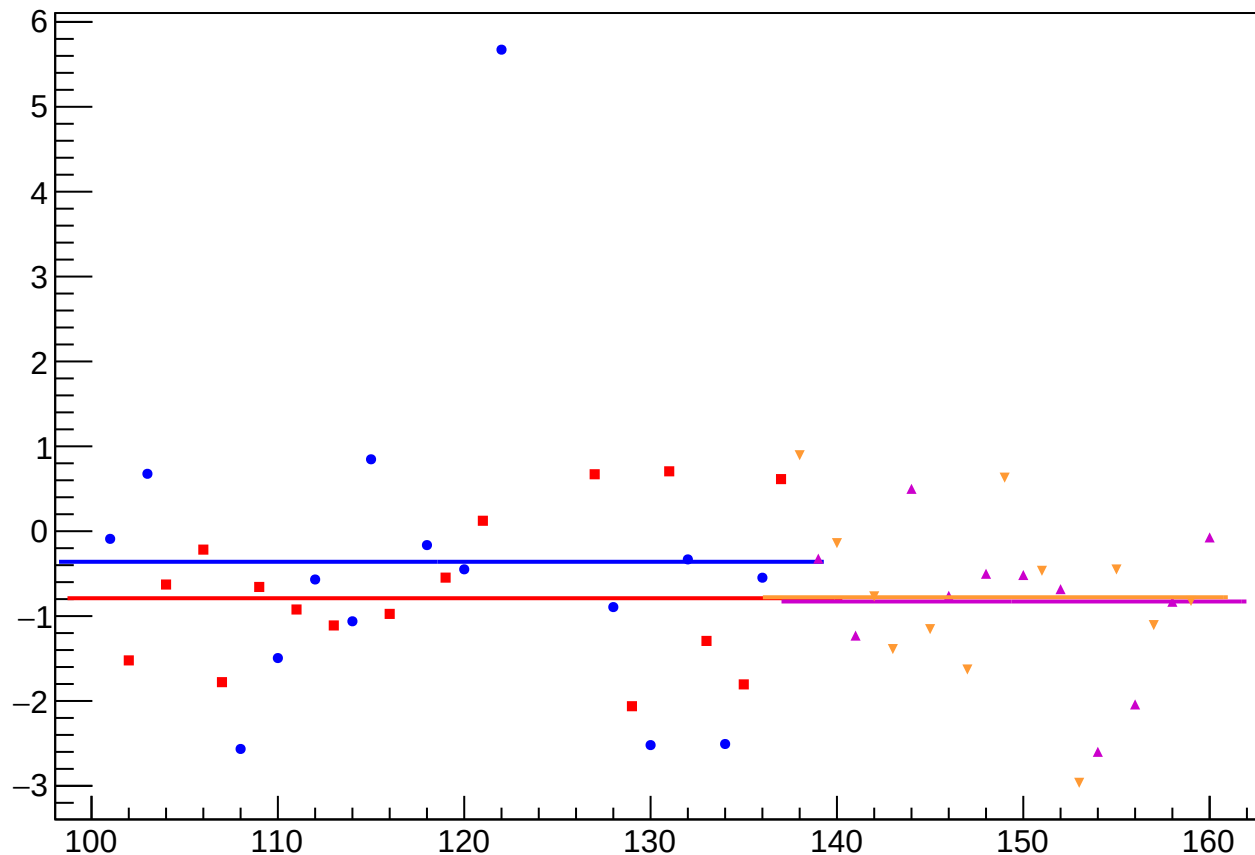
Right In: 4.136+/-0.000	χ^2/NDF : 3507600624388663919898505496231936.0/14
Left Out: 4.035+/-0.000	χ^2/NDF : 1609299061352578548486150138363904.0/11
Right Out: 3.948+/-0.000	χ^2/NDF : 2670176783942302028345551100051456.0/15
Left In: 3.873+/-0.000	χ^2/NDF : 1278598291391127694323835331411968.0/10

+ sign 4.077+/-0.000 χ^2/NDF : 51207911094856769
 All: 3.990+/-0.000 χ^2/NDF : 90953049051642
 - sign 3.904+/-0.000 χ^2/NDF : 39509925748286967

dit_4eX_coil4_Ndata_mean vs Slug



dit_11X12X_coil4_mean vs Slug



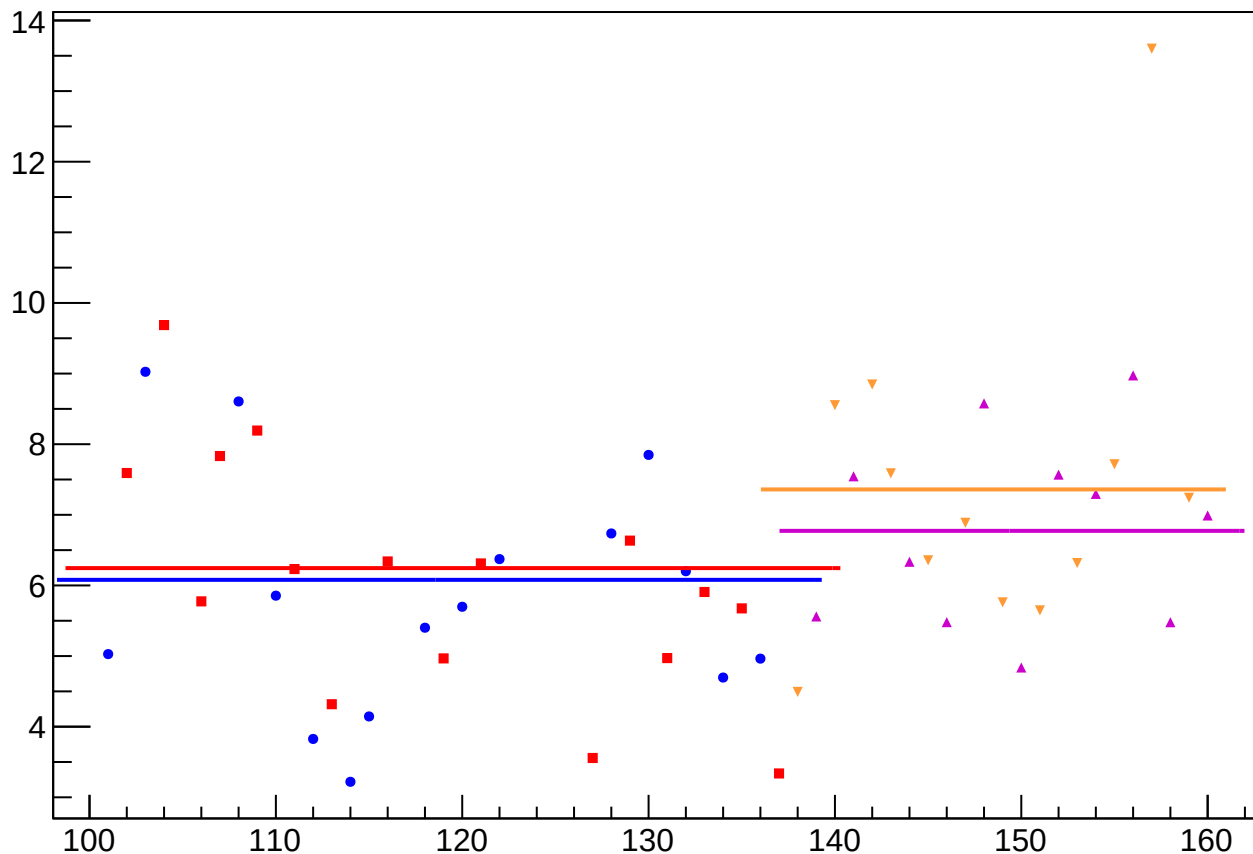
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.778+/-0.000 χ^2/NDF : 941792568376434225486843988672512.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000

χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 7.360+/-0.000

χ^2/NDF : 4580380755239365503585140070154240.0/11

Right Out: 6.245+/-0.000

χ^2/NDF : 1816529163105006938510976985595904.0/15

Left In: 6.773+/-0.000

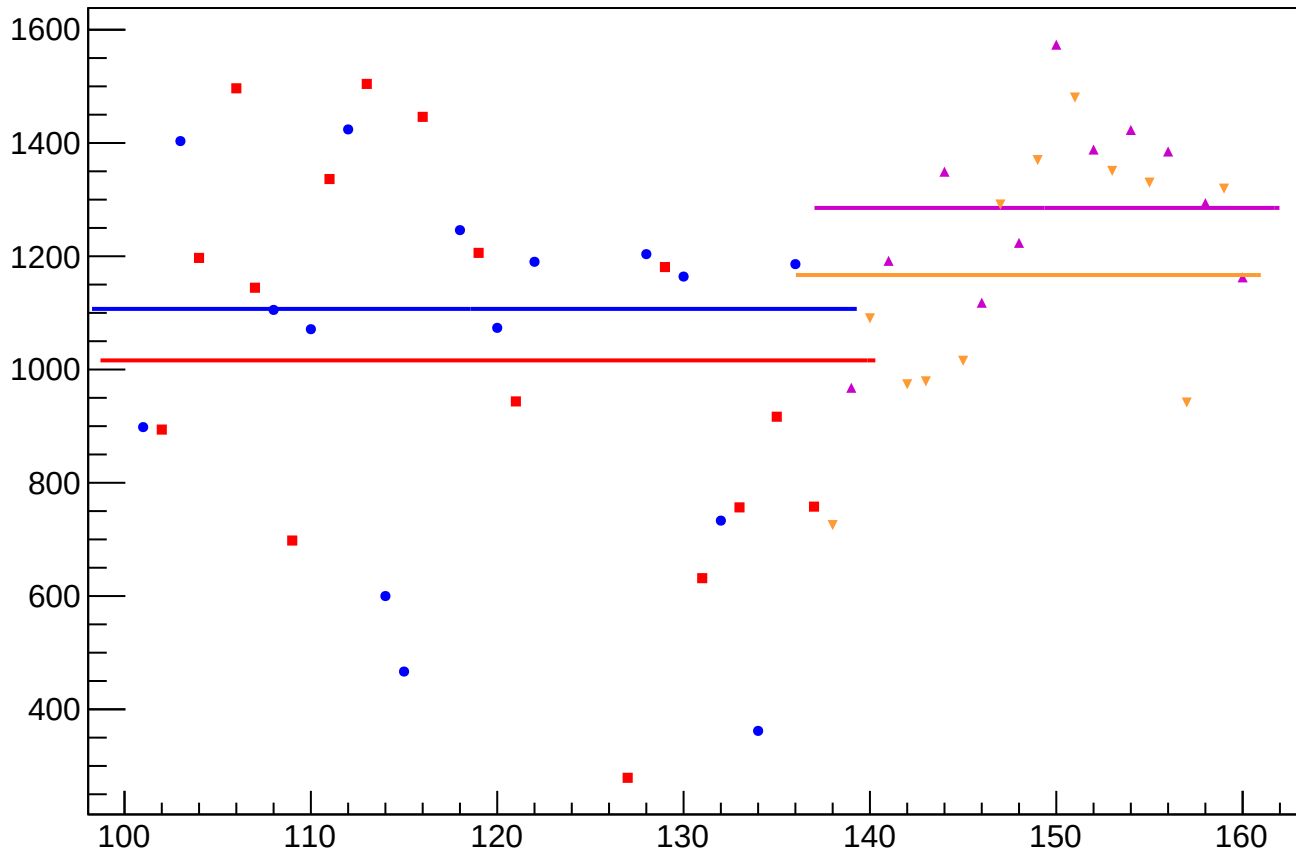
χ^2/NDF : 1545880653062872635060205832372224.0/10

+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869

All: 6.689+/-0.000 χ^2/NDF : 1032305053905

- sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

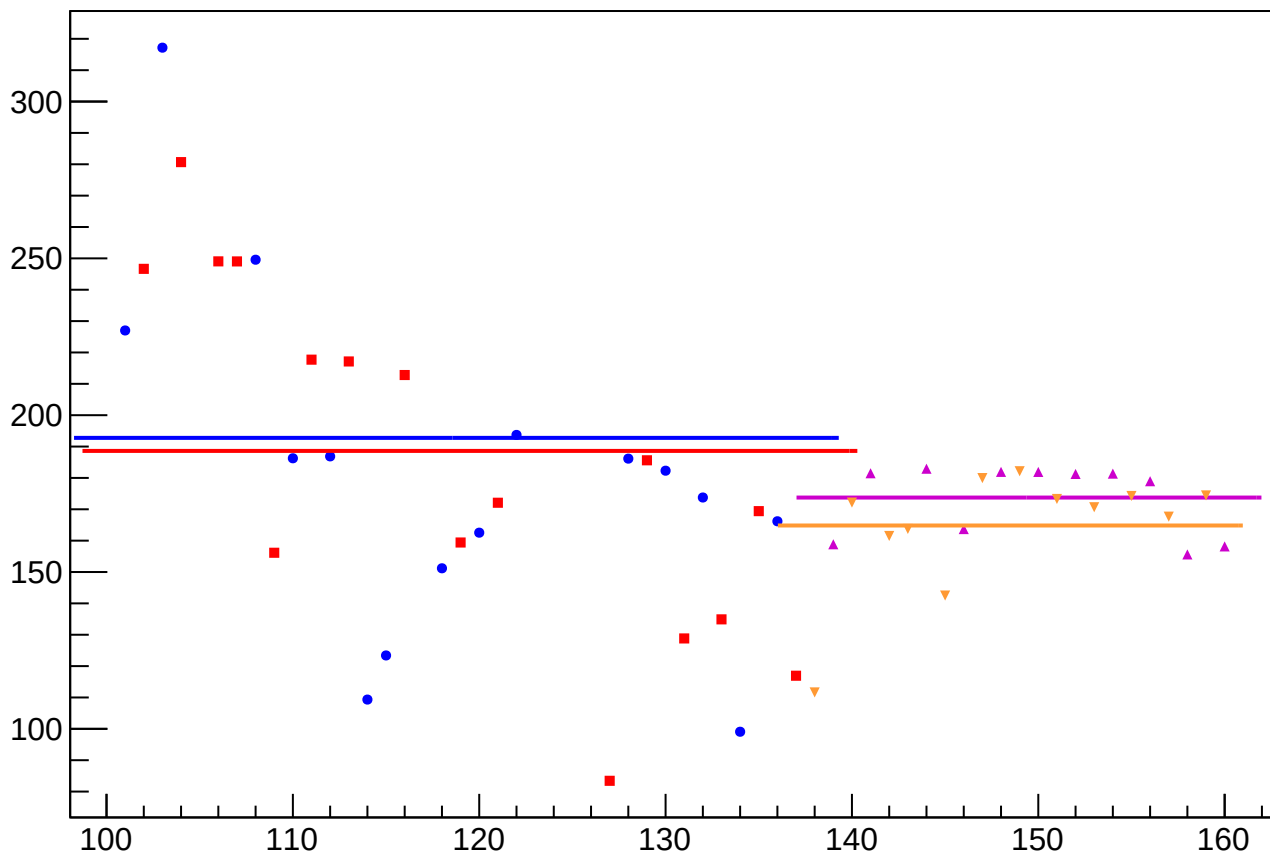
Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

+ sign 1142.031 $\pm$ 0.000 χ^2 /NDF: 86643588377316

All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442

- sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 164.832+/-0.000 χ^2/NDF : 331248867631864480349687016910225408.0/11

Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

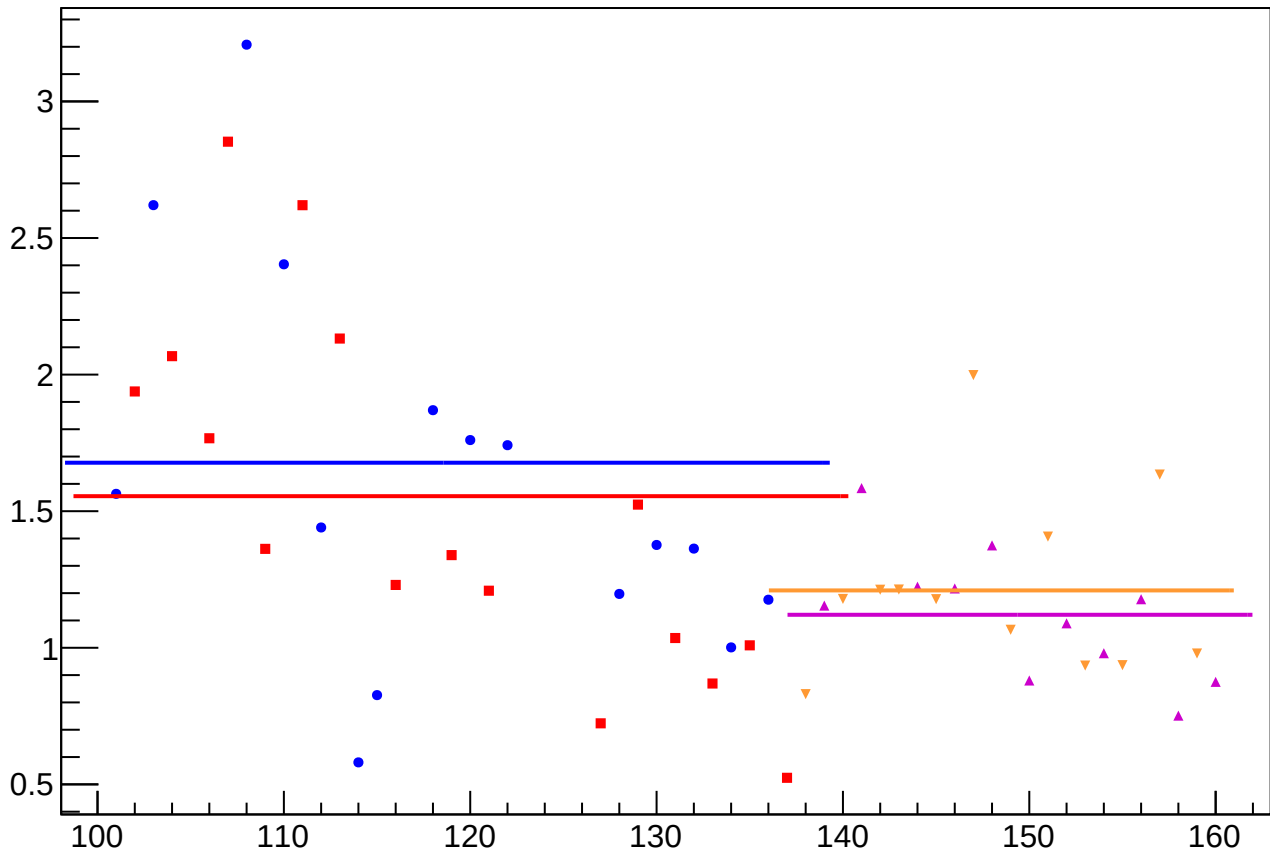
Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

+ sign 176.433+/-0.000 χ^2/NDF : 226806307744820

All: 178.219+/-0.000 χ^2/NDF : 439354987474

- sign 179.974+/-0.000 χ^2/NDF : 211560304537061

dit_4aY_coil4_err_mean vs Slug



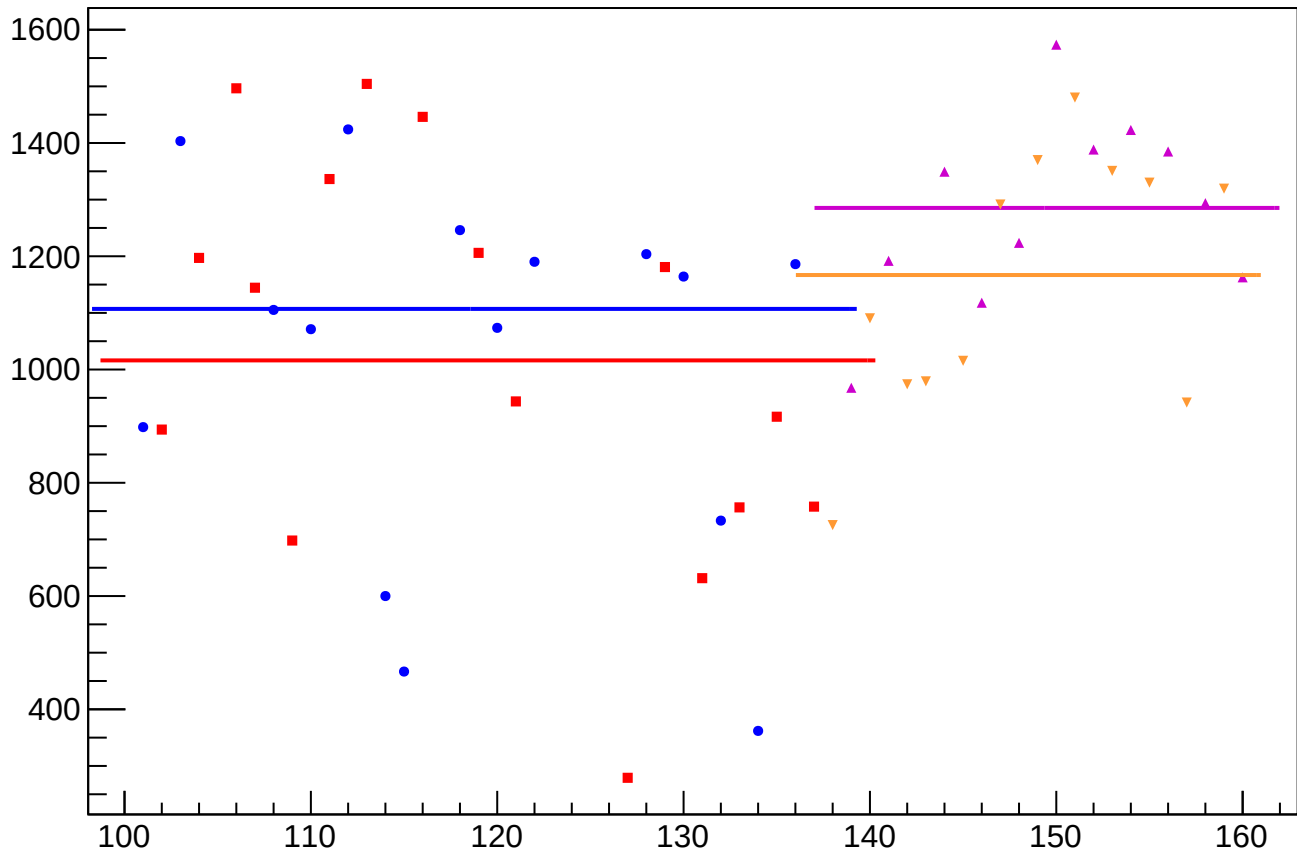
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.210 $\pm$ 0.000 χ^2 /NDF: 95500502458420026672384705560576.0/11

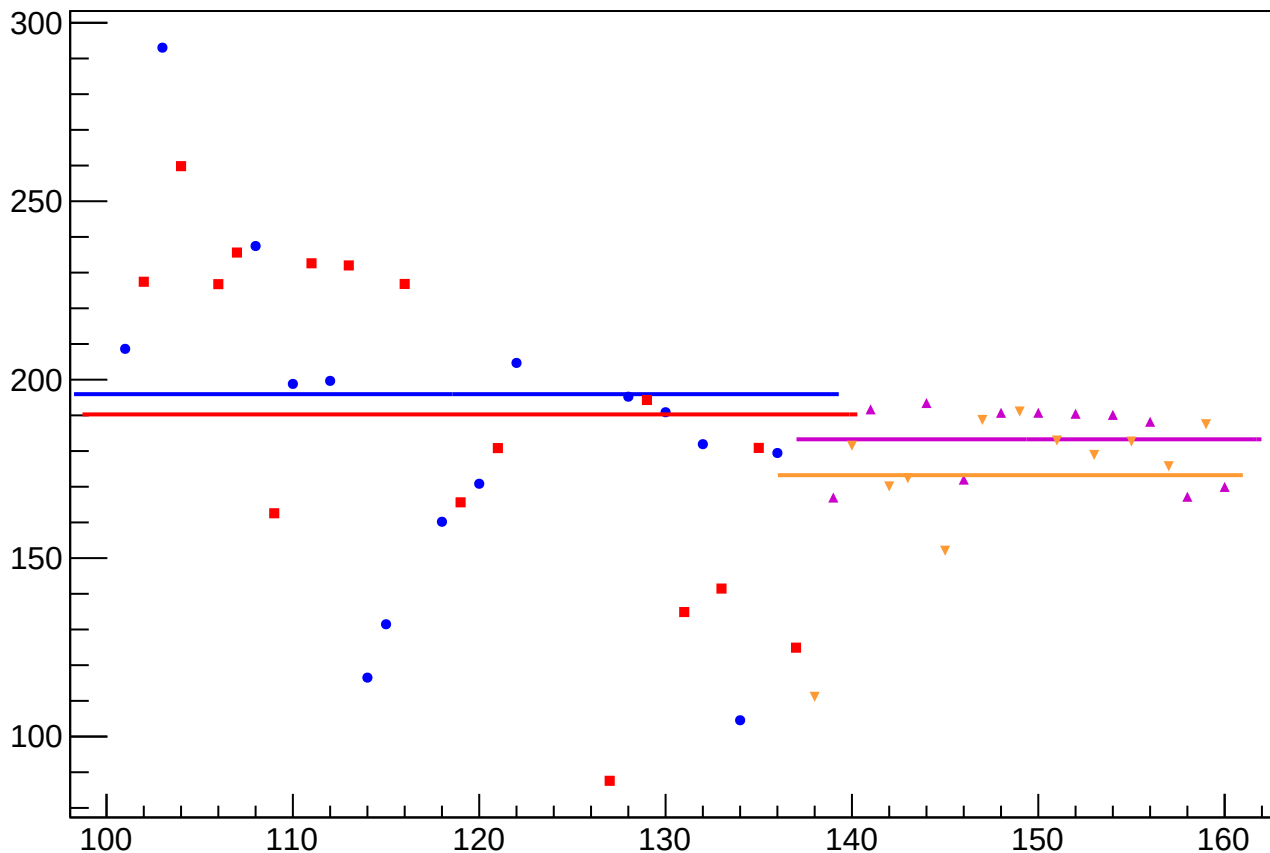
Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF : 421189743022312956779621222954565632.0/11

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

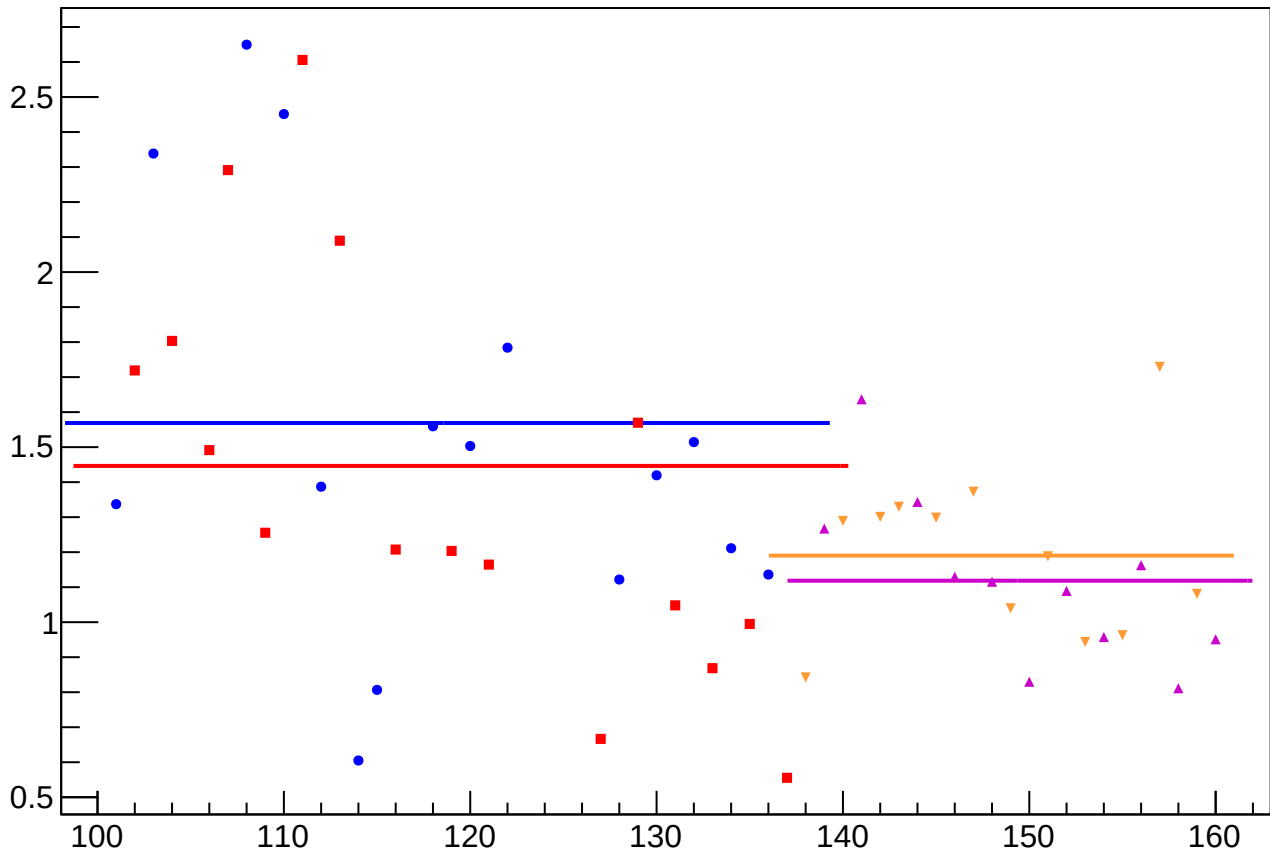
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

All: 184.458+/-0.000 χ^2/NDF : 327355677904.0/11

+ sign 182.669+/-0.000 χ^2/NDF : 167456742062075.0/11

- sign 186.216+/-0.000 χ^2/NDF : 158906987548328.0/11

dit_4eY_coil4_err_mean vs Slug



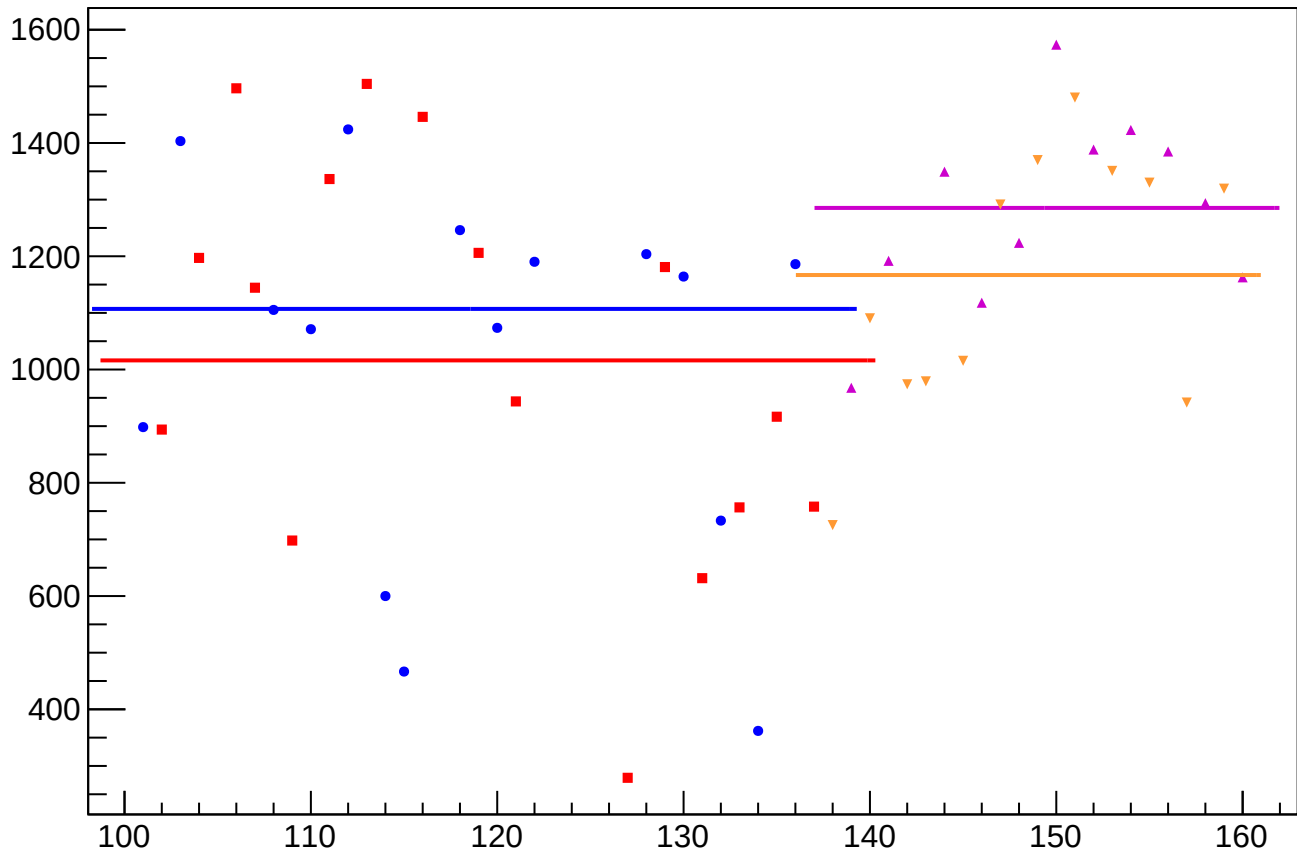
Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.190 $\pm$ 0.000 χ^2 /NDF: 50745822936032217336144814145536.0/11

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

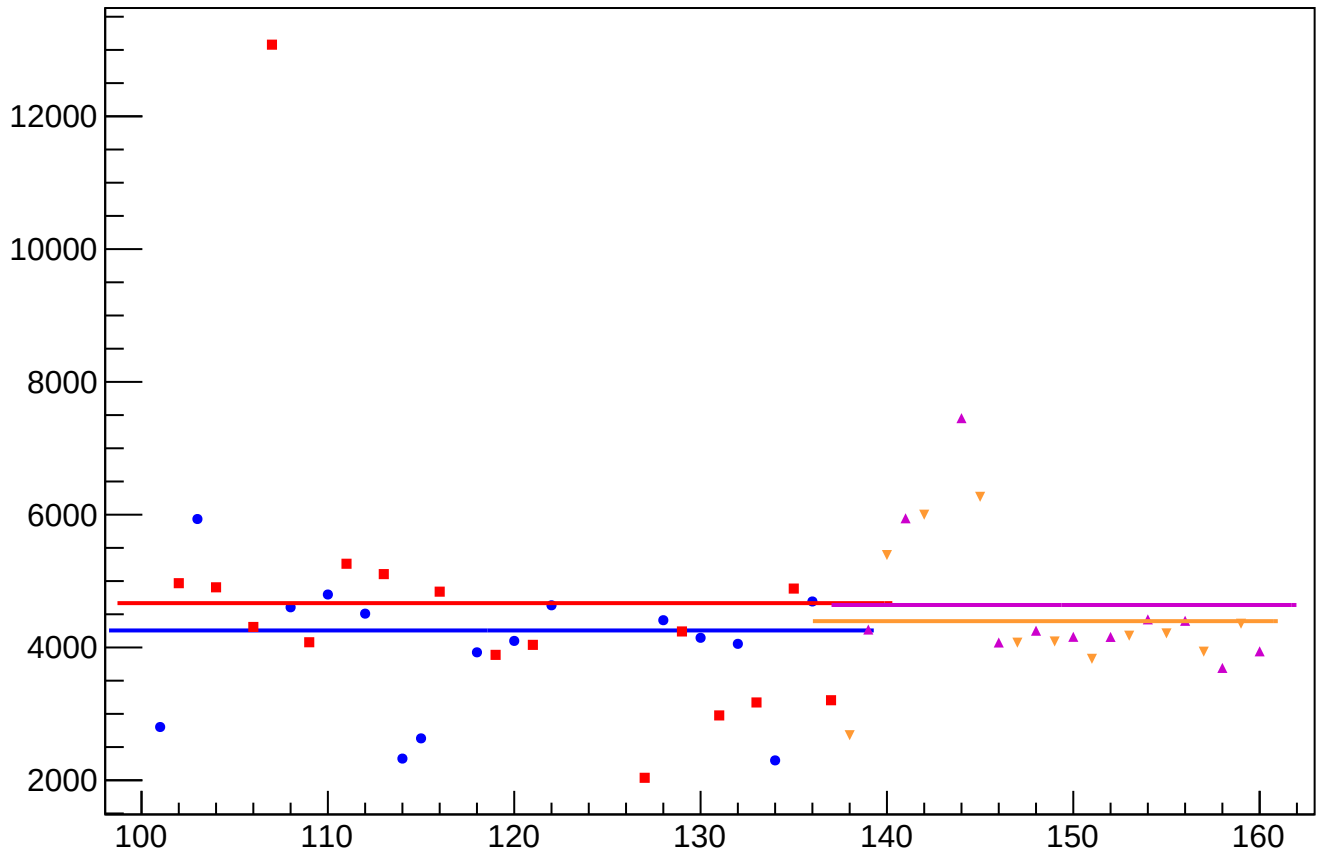
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316

All: 1157.392+/-0.000 χ^2/NDF : 21202911442

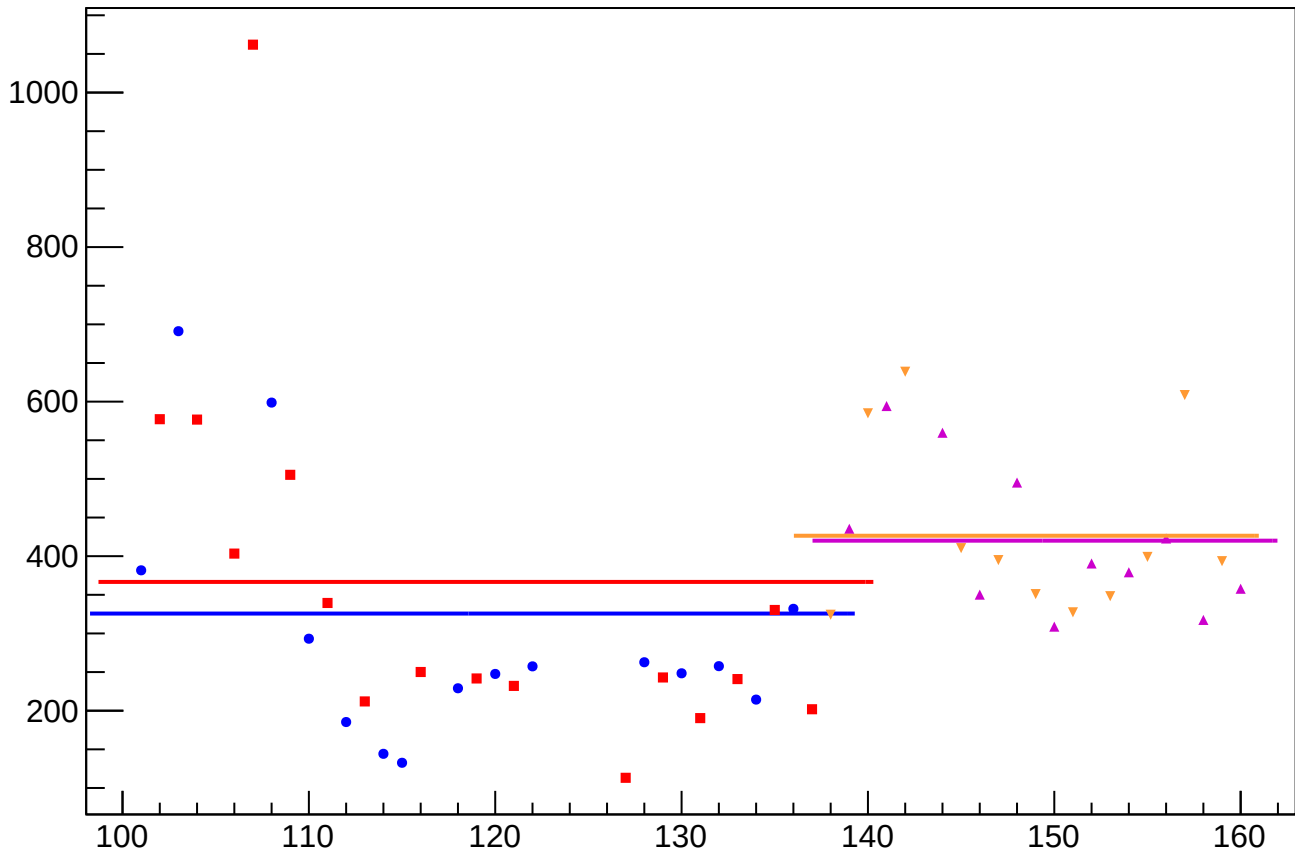
- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14	+ sign 4335.661+/-0.000	χ^2/NDF : 12734954654857
Left Out: 4396.403+/-0.000	χ^2/NDF : 767686308157486440179100240552638021632.0/10	All: 4498.481+/-0.000	χ^2/NDF : 56111214278
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15	- sign 4651.578+/-0.000	χ^2/NDF : 42606752336216
Left In: 4639.846+/-0.000	χ^2/NDF : 1058446303743243170530981239939506634752.0/10		

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 426.446+/-0.000 χ^2/NDF : 9564737566607591468000084323542761472.0/10

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

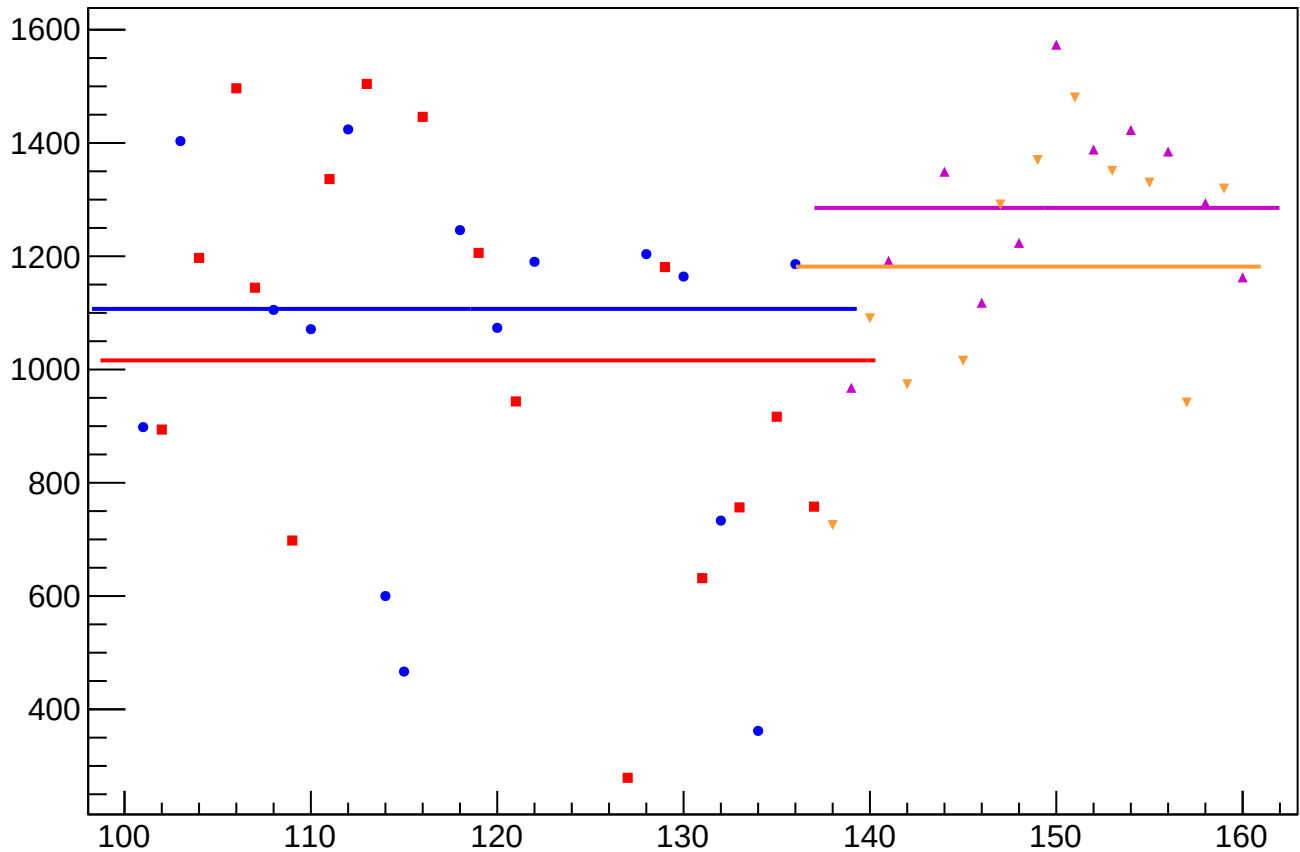
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

+ sign 382.754+/-0.000 χ^2/NDF : 279252260301187

All: 390.448+/-0.000 χ^2/NDF : 690046326749

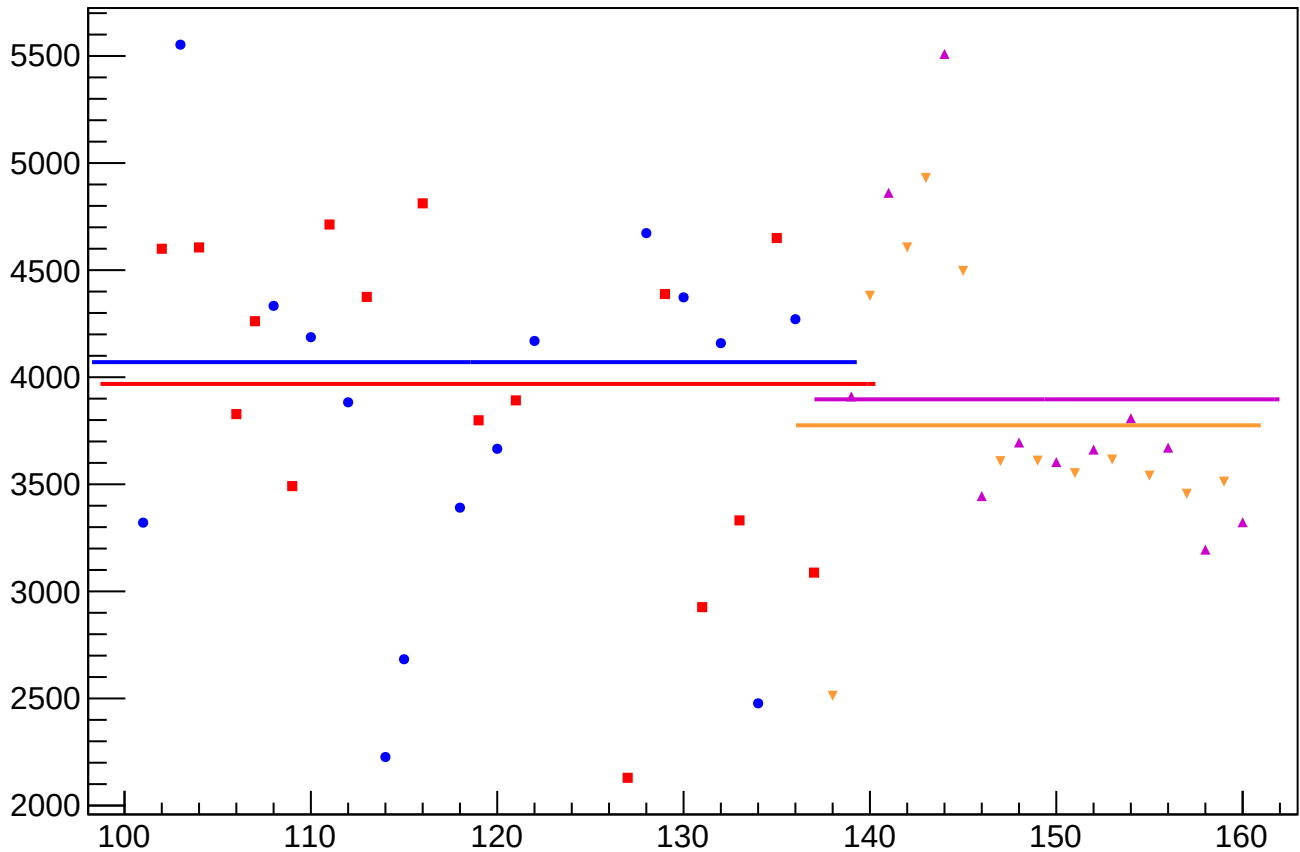
- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

dit_usl_coil4_Ndata_mean vs Slug



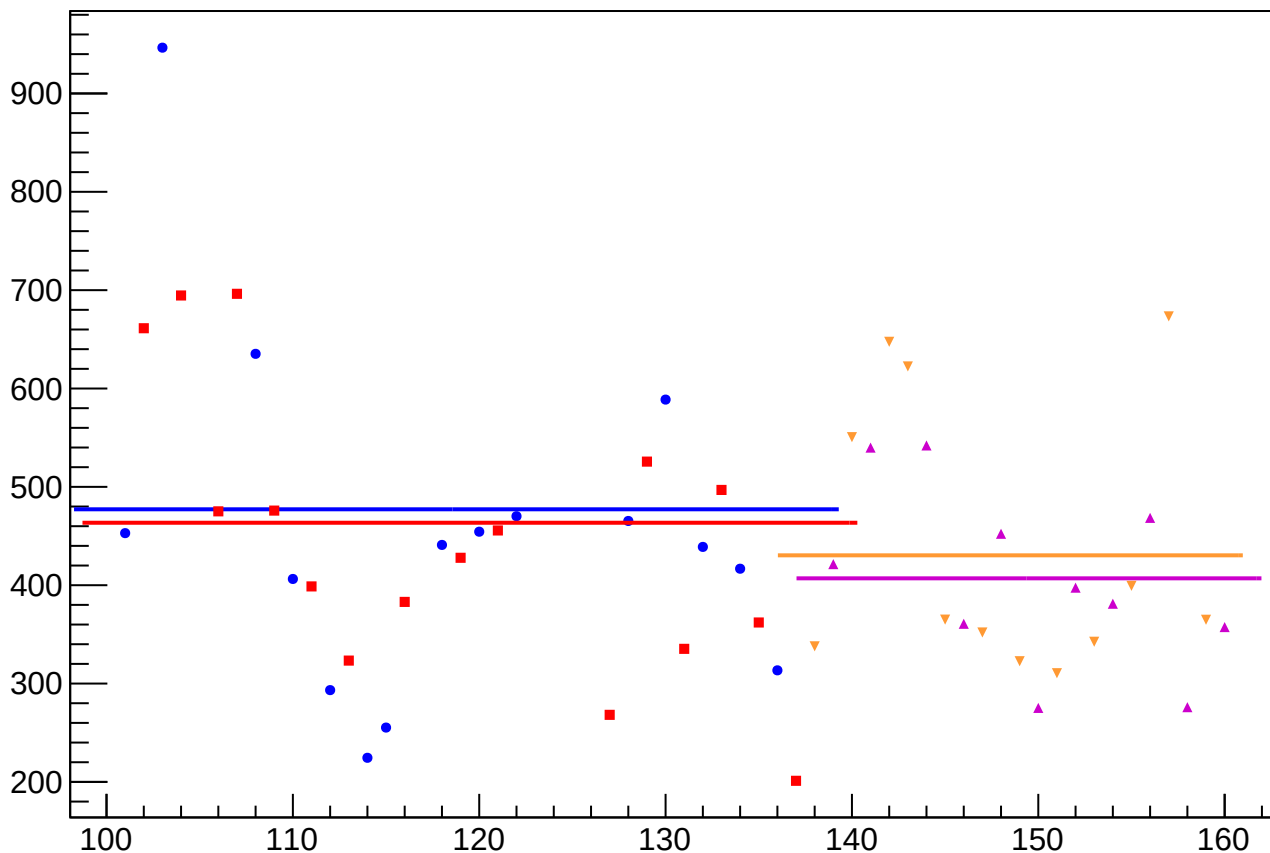
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721 +/- 0.000 χ^2/NDF : 42102883856321275256821029062509068288.0/10
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 3775.469+/-0.000 χ^2/NDF : 344611737456116155441573311529372090368.0/11
 Right Out: 3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15
 Left In: 3896.757+/-0.000 χ^2/NDF : 412530714584693730225130204014353317888.0/10

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 430.385+/-0.000 χ^2/NDF : 15124863187063515916775500602167787520.0/11

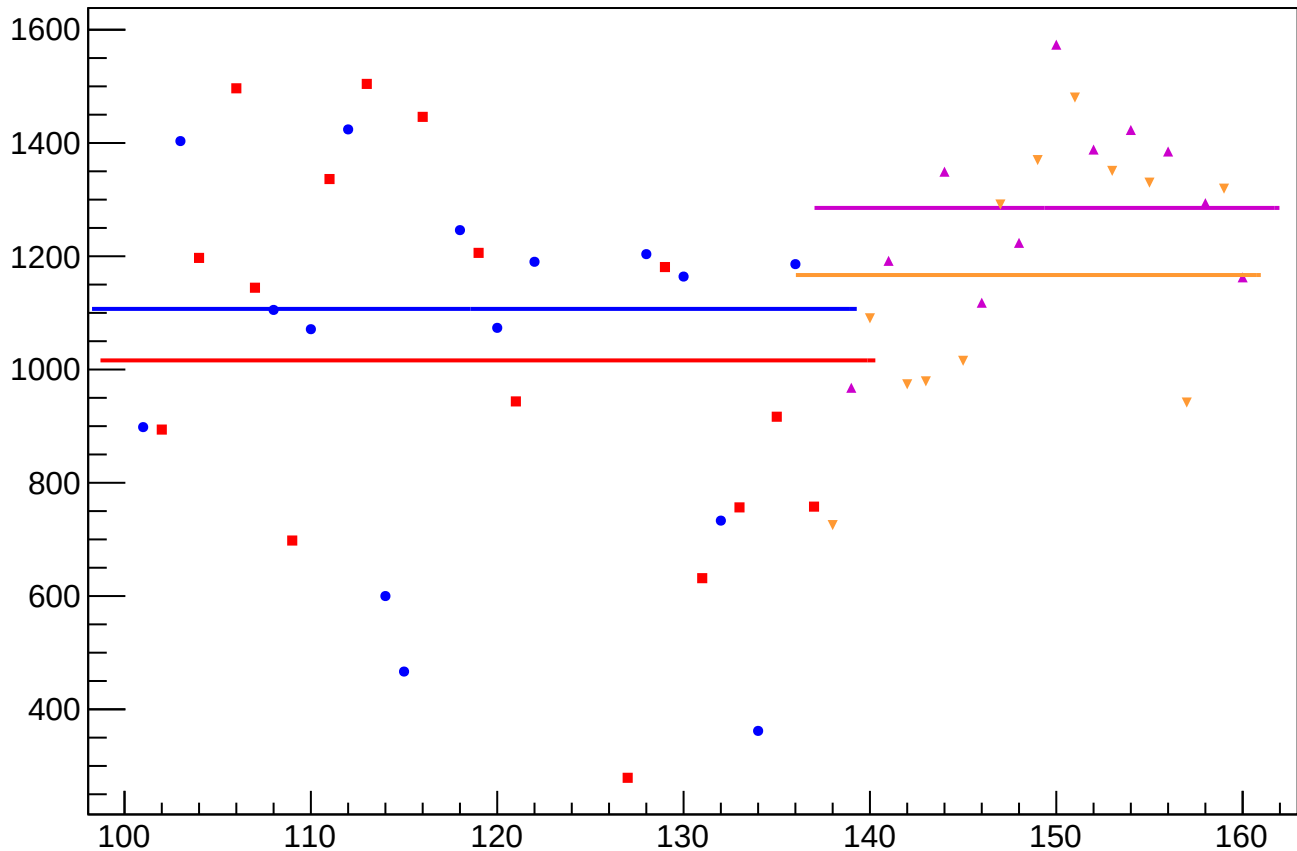
Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

All: 440.167+/-0.000 χ^2/NDF : 575090441202

- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

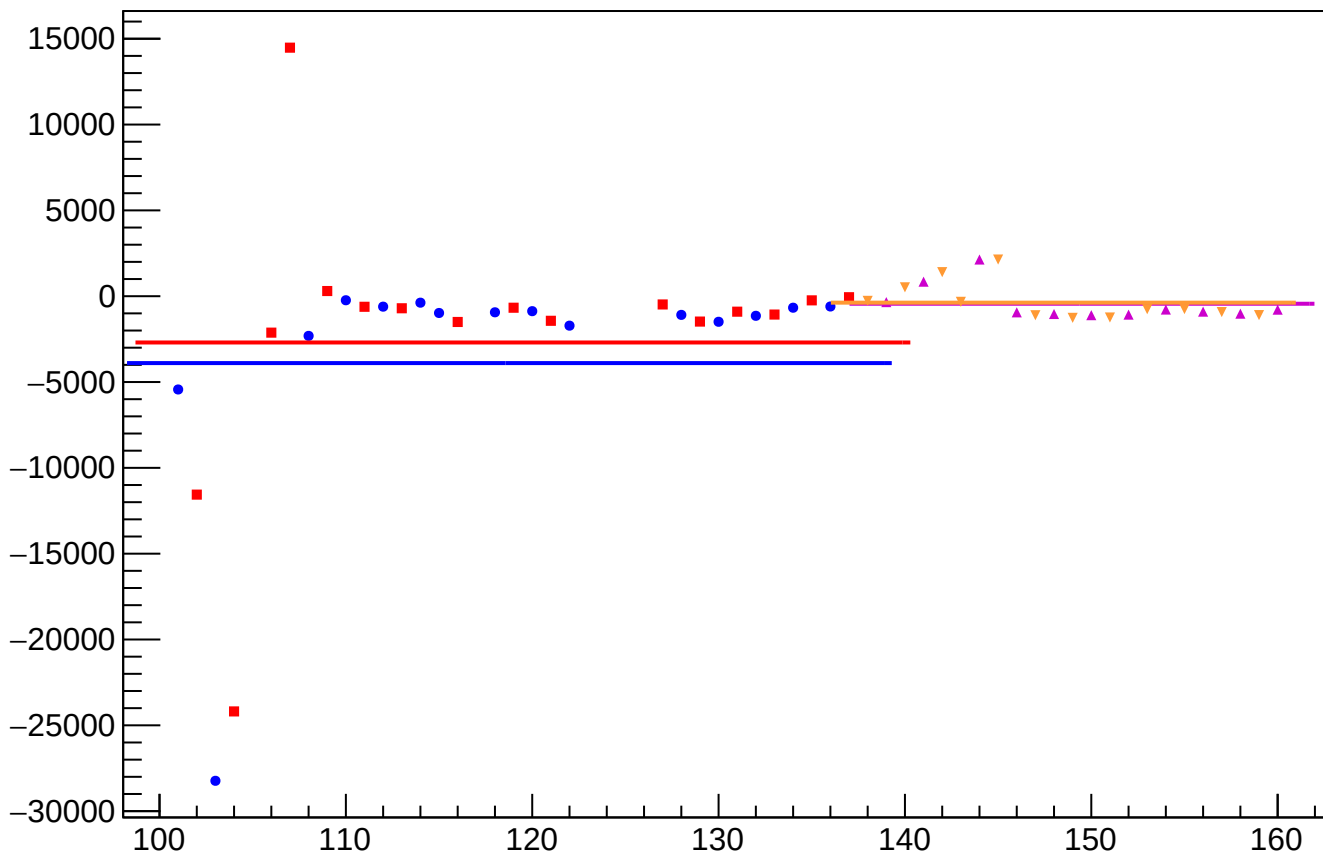
dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

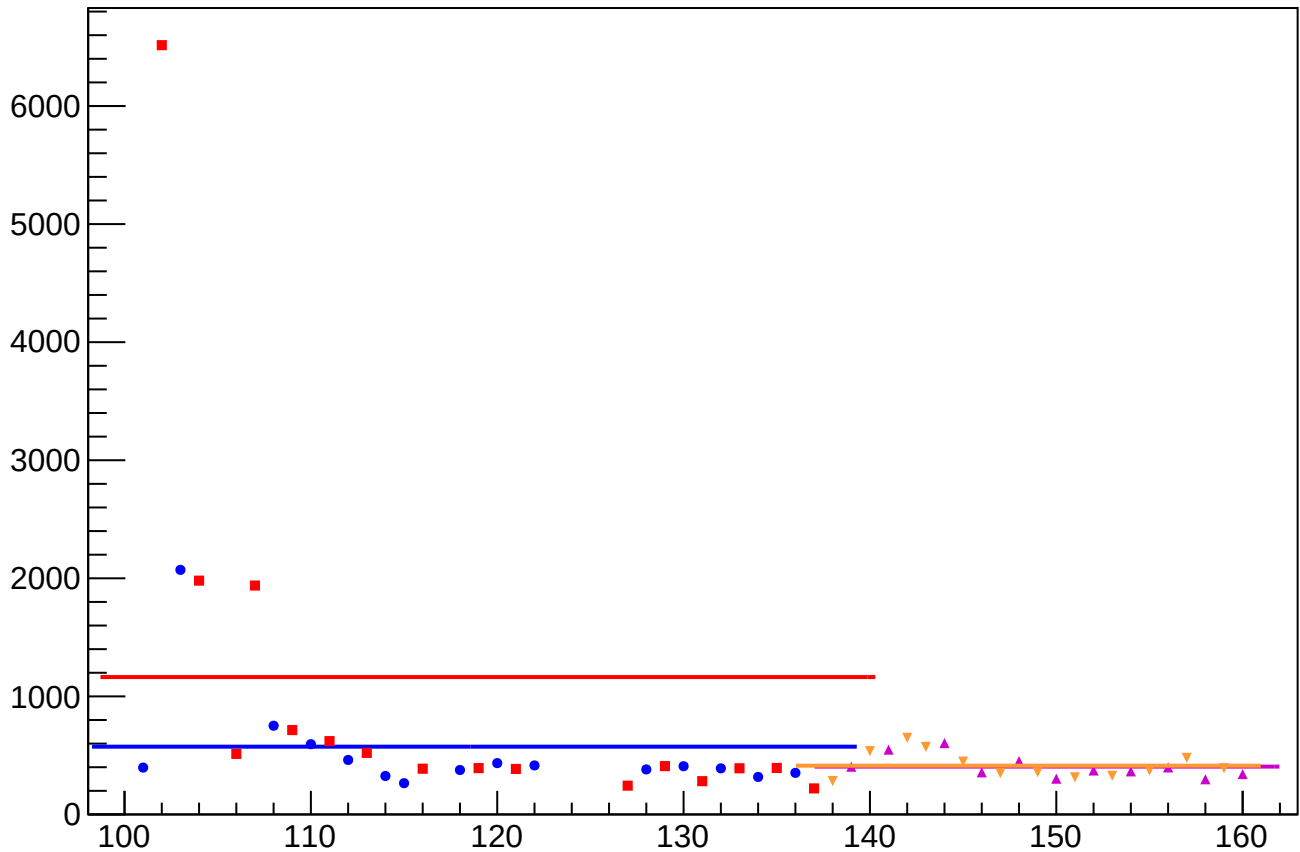
+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316
 All: 1157.392+/-0.000 χ^2/NDF : 21202911442
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_atl1_coil4_mean vs Slug



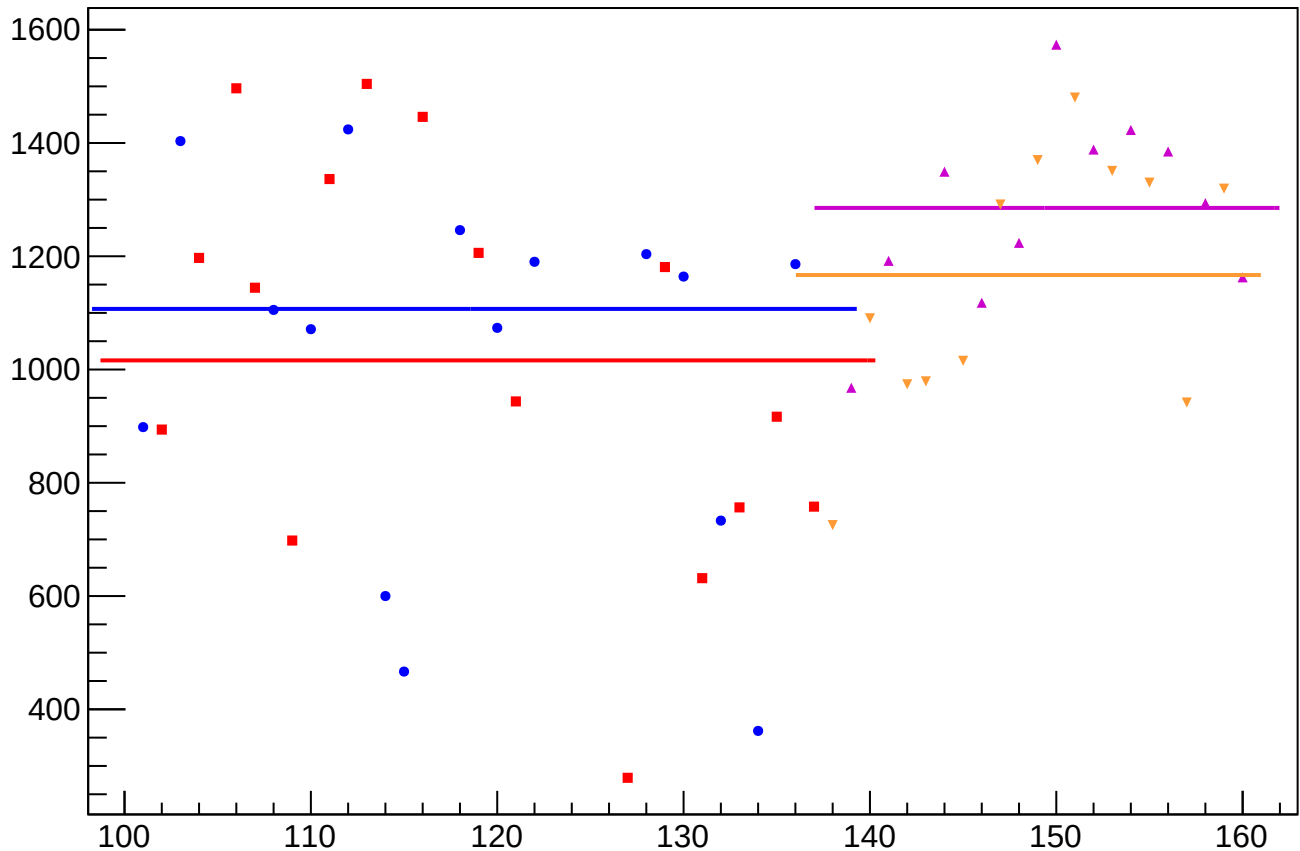
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430+/-0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10

dit_atl1_coil4_err_mean vs Slug



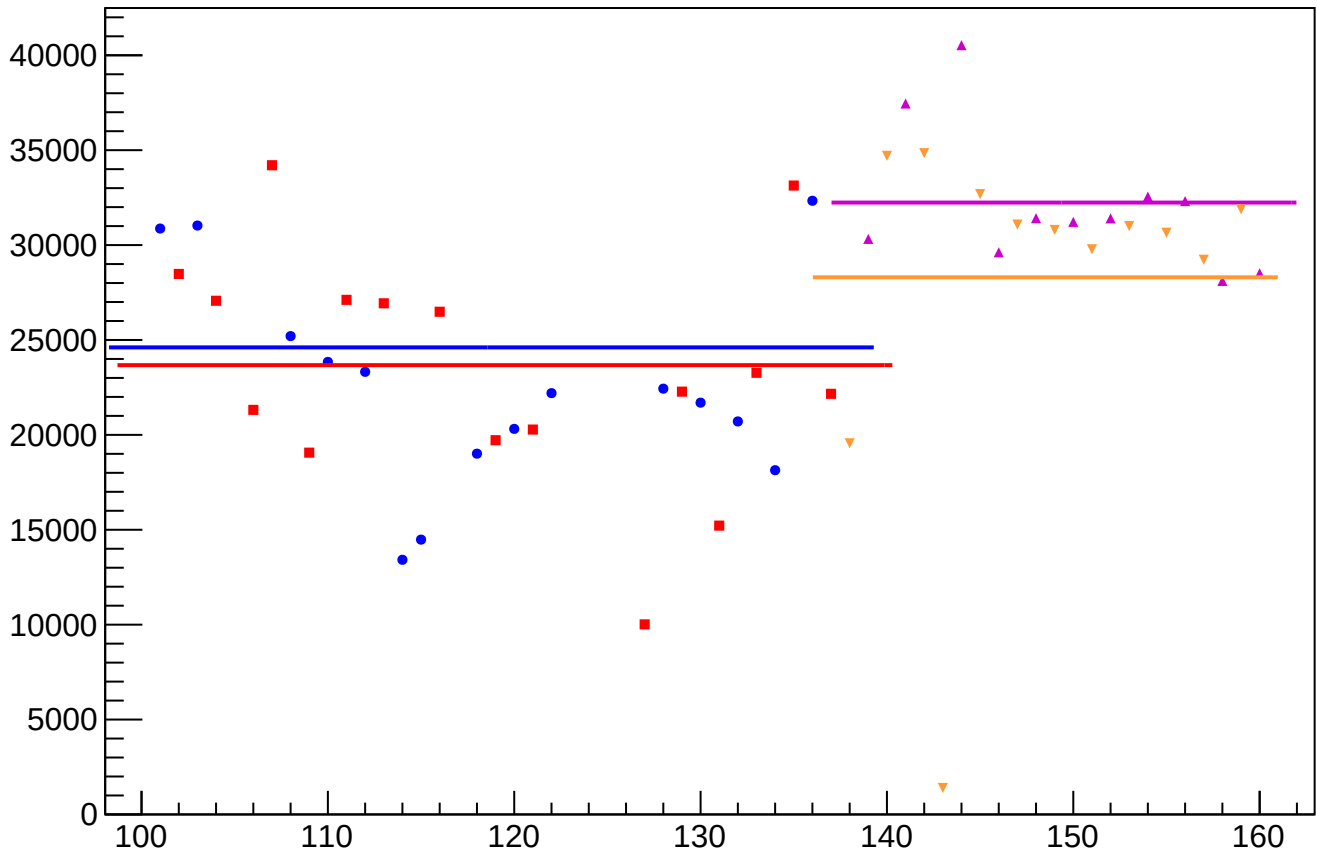
Right In: 574.055 ± 0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017 ± 0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697 ± 0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371 ± 0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

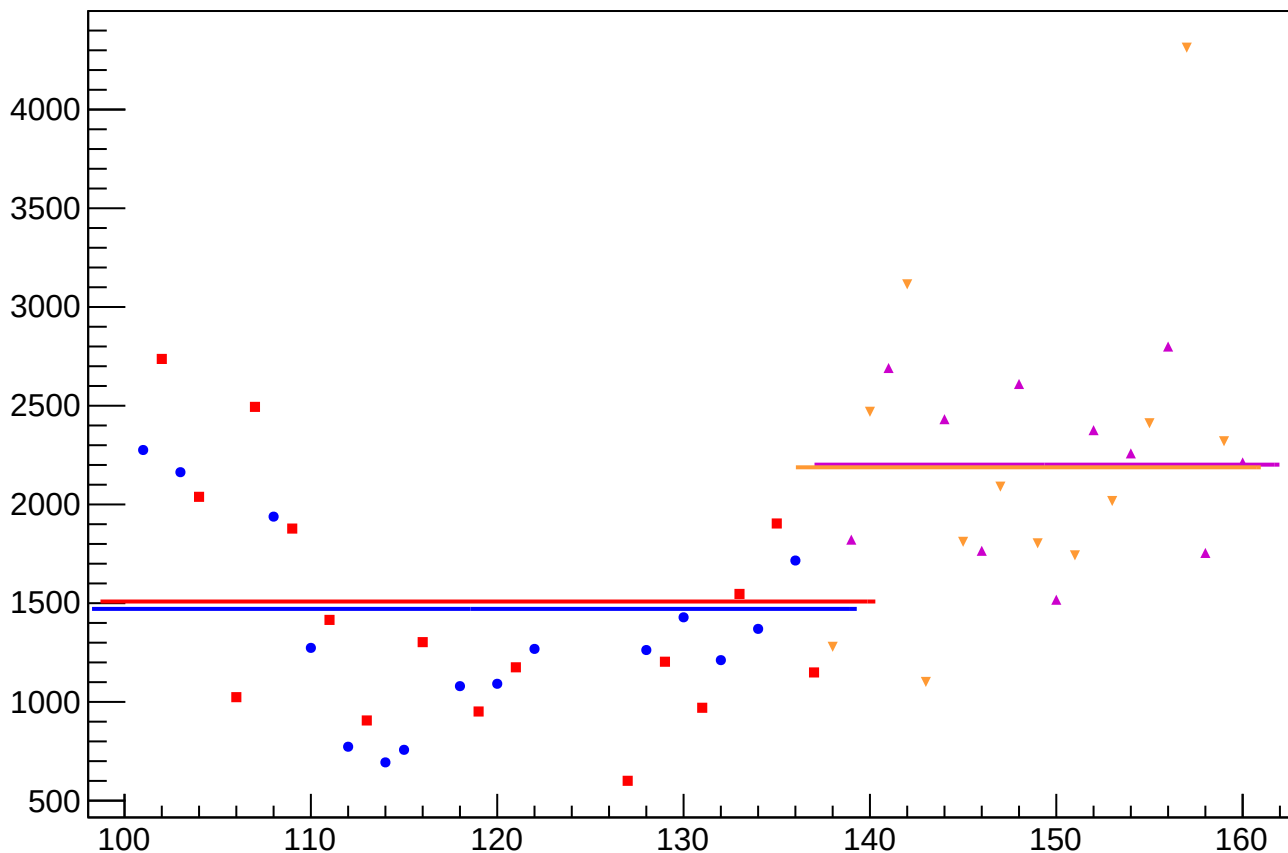
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28302.359+/-0.000	χ^2/NDF : 64743960576526073147852789326823934656512.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26768.677+/-0.000 χ^2/NDF : 8747719496851
 All: 27716.891+/-0.000 χ^2/NDF : 1554384105
 - sign 28648.418+/-0.000 χ^2/NDF : 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF : 593858516090535186702207521640824176640.0/11

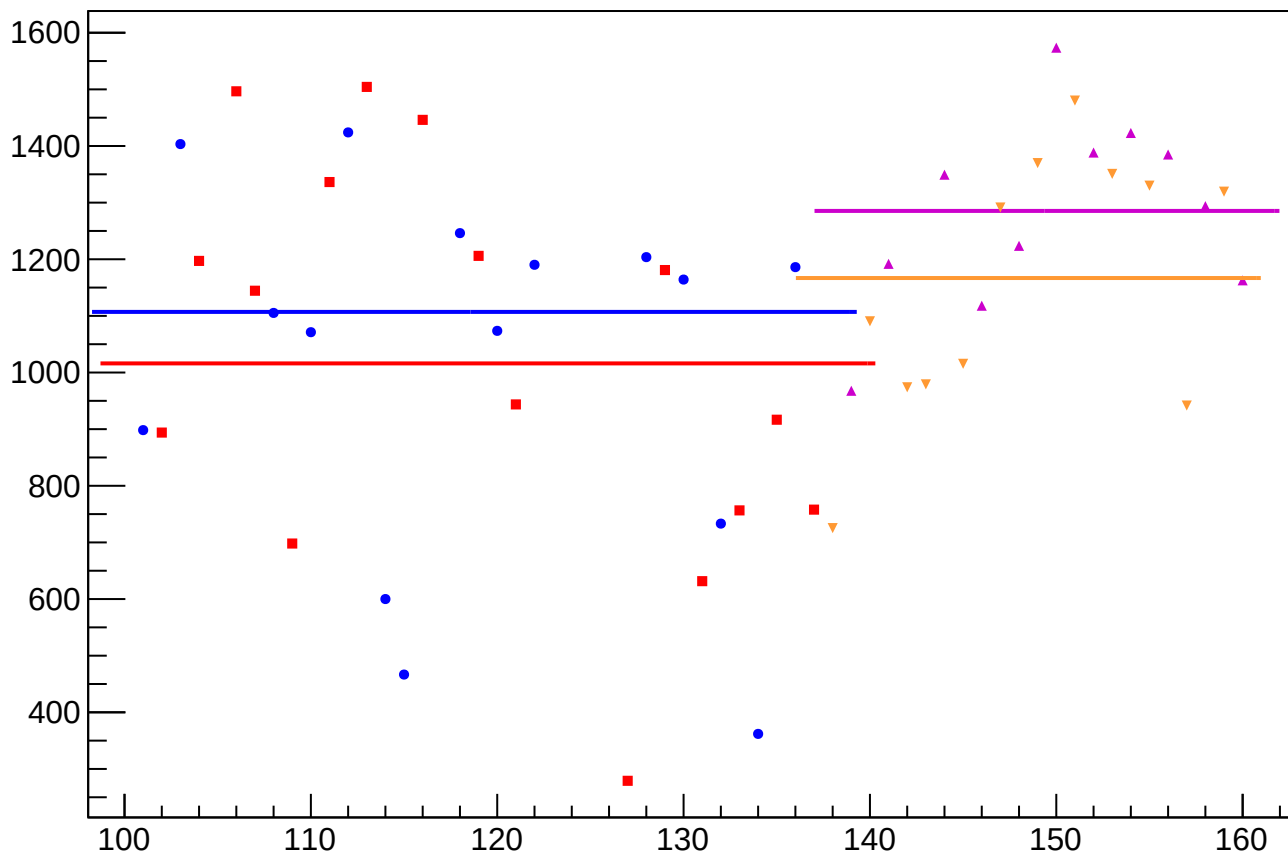
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

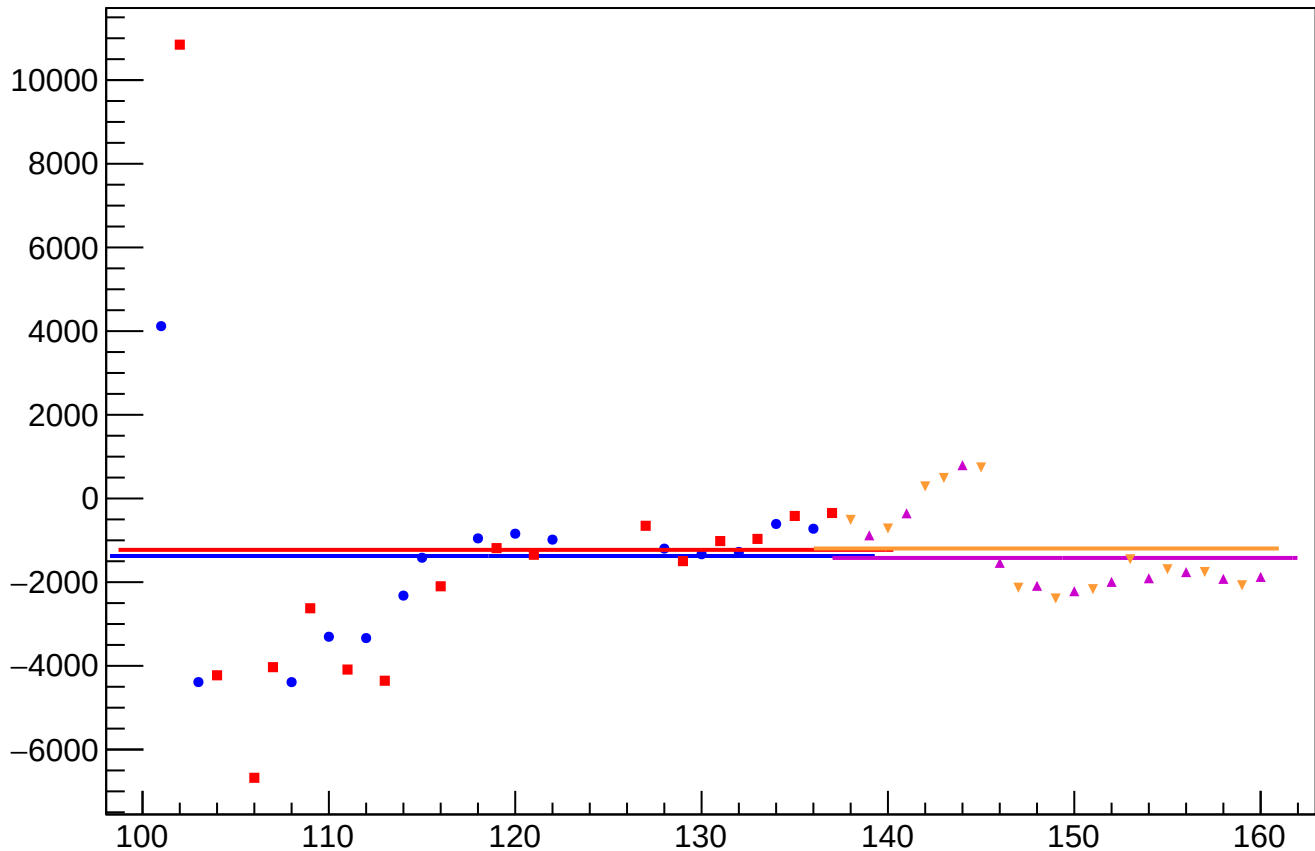
Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316

All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442

- sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

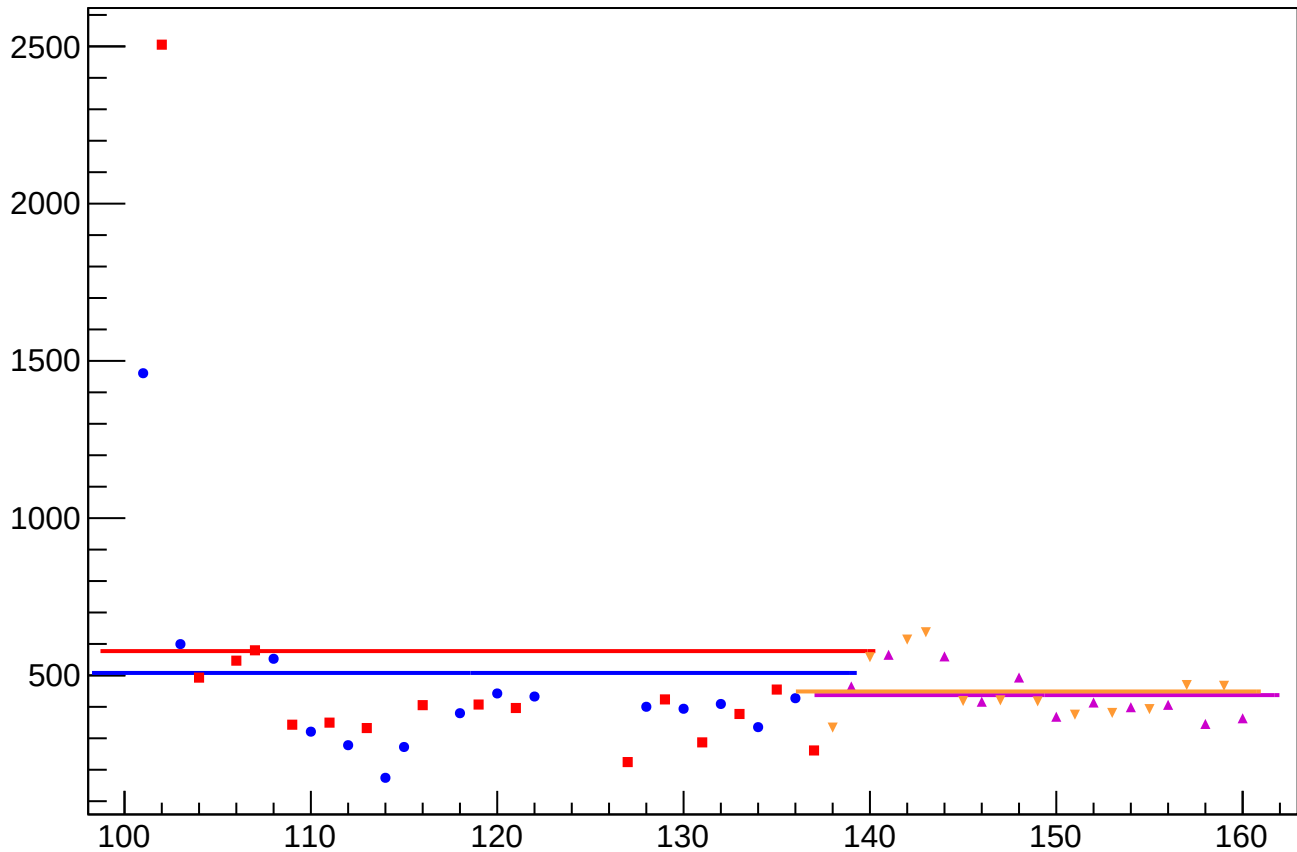
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1194.978+/-0.000	χ^2/NDF : 1012982164343735644721296583058593415168.0/11
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1420.806+/-0.000	χ^2/NDF : 747987085785920162637916932217361137664.0/10

+ sign -1269.525+/-0.000 χ^2/NDF : 4097990392534
 All: -1305.037+/-0.000 χ^2/NDF : 1597961645
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809 ± 0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 448.905 ± 0.000 χ^2/NDF : 6972444969041725929744111494148128768.0/11

Right Out: 577.250 ± 0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

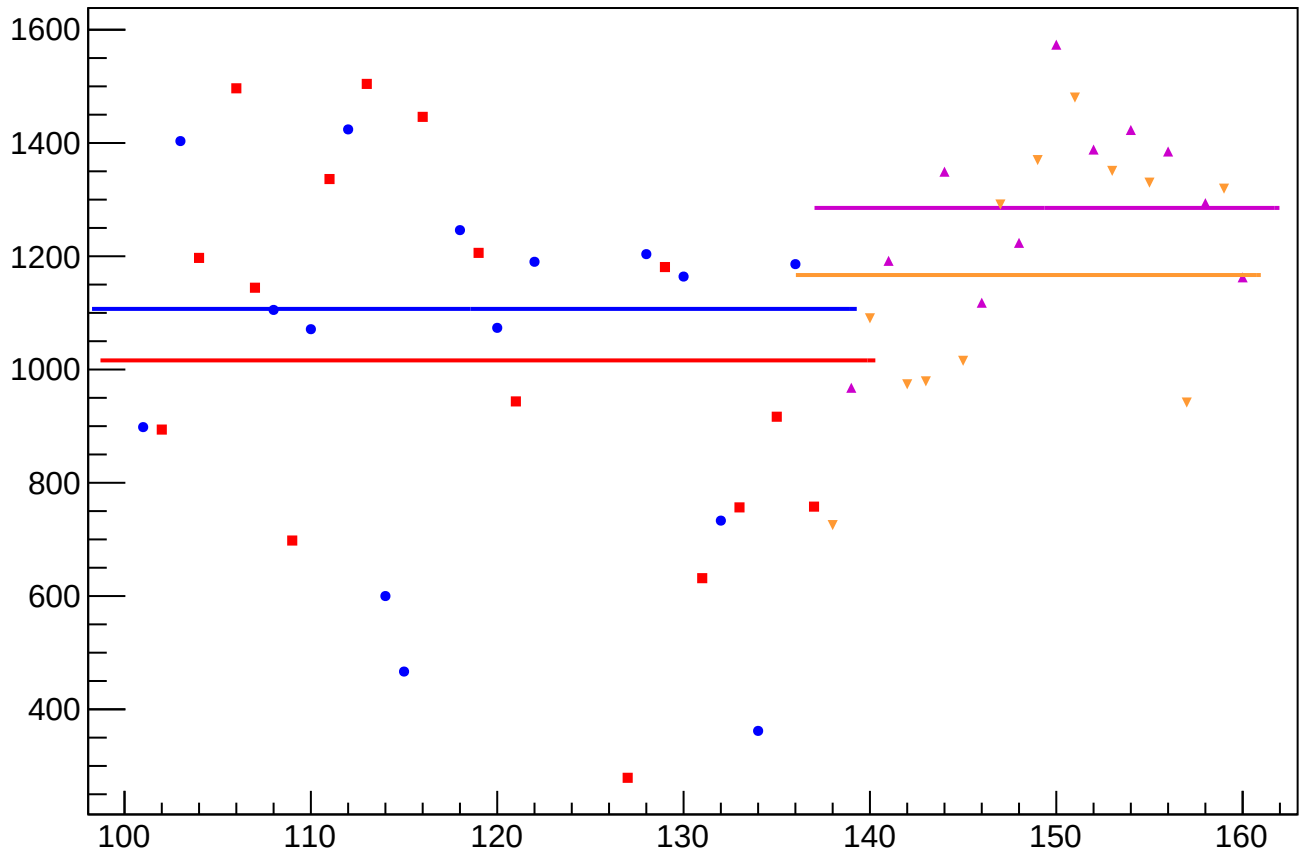
Left In: 437.315 ± 0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363 ± 0.000 χ^2/NDF : 724292062329366

All: 484.772 ± 0.000 χ^2/NDF : 326581423527

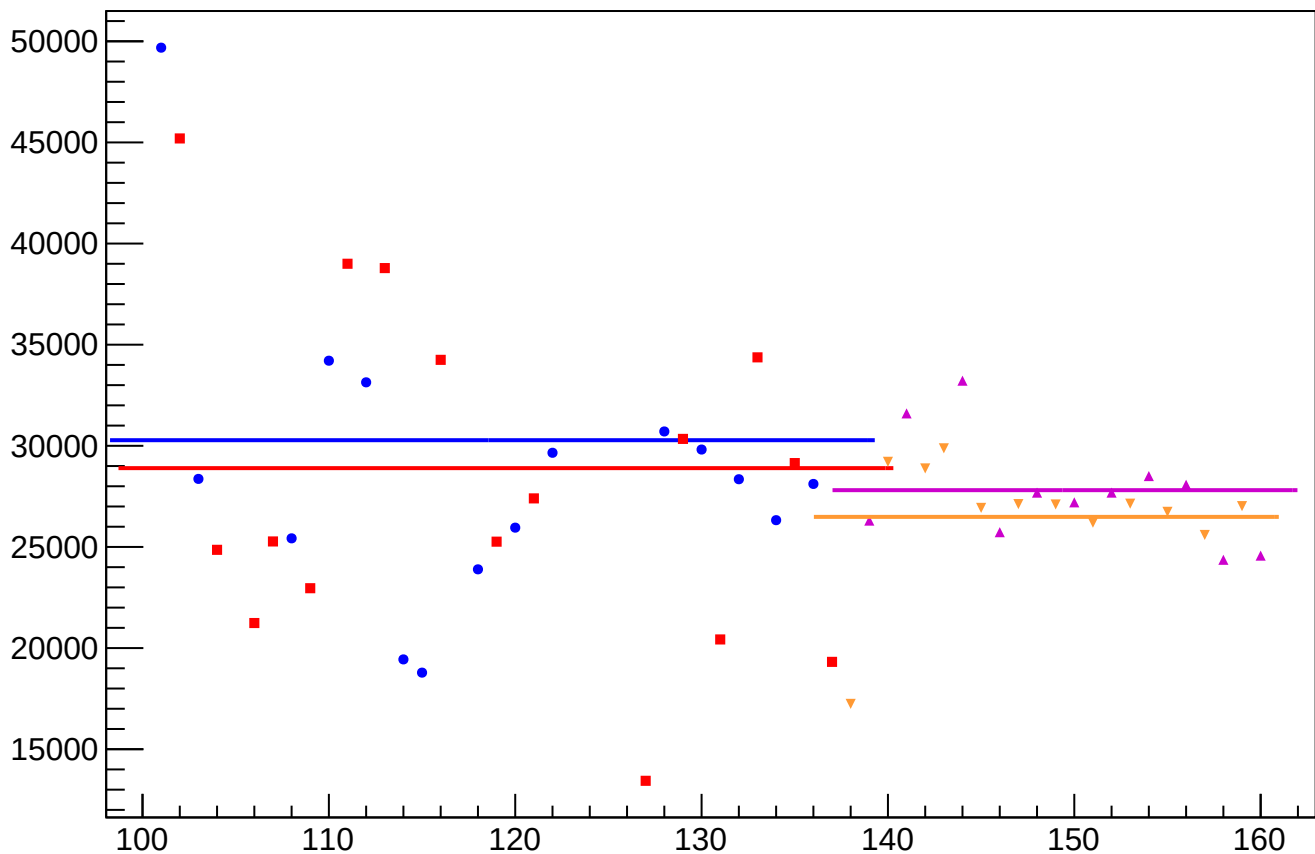
- sign 495.981 ± 0.000 χ^2/NDF : 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

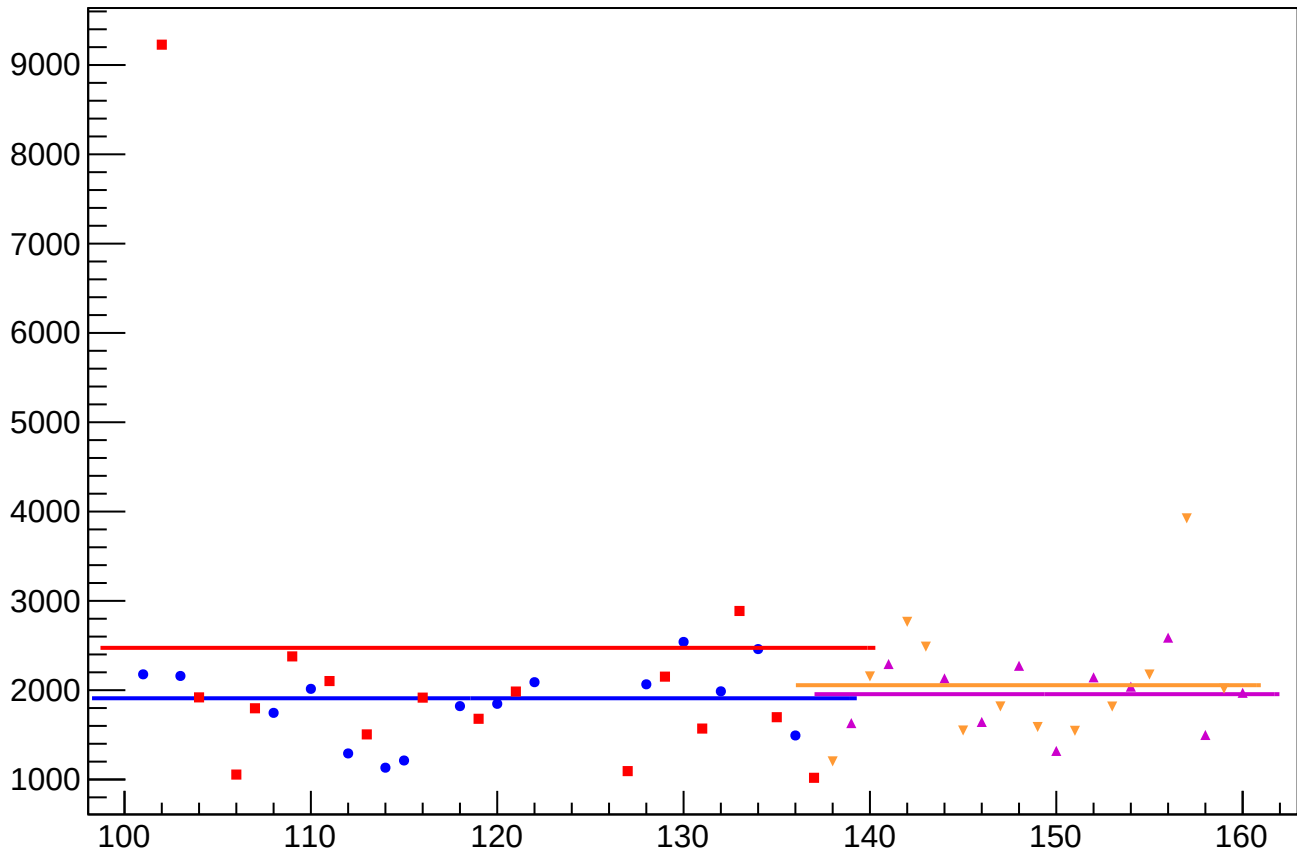
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26486.725+/-0.000	χ^2/NDF : 8520993483340987429131750717035884052480.0/11
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 27807.237+/-0.000	χ^2/NDF : 6193058620219899678835139815803642183680.0/10

+ sign 28060.820+/-0.000 χ^2/NDF : 4495105358177
 All: 28163.219+/-0.000 χ^2/NDF : 986055664
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

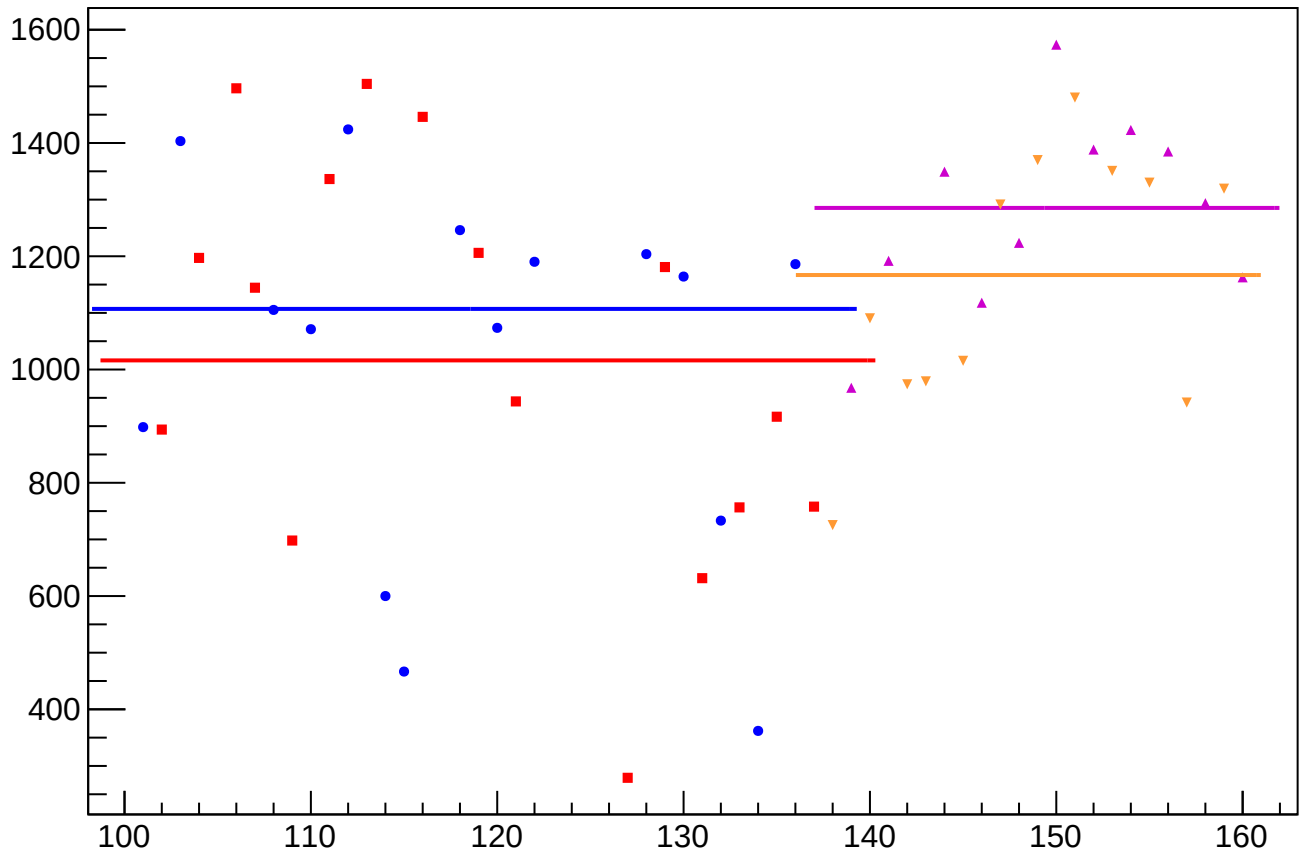
dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2055.788+/-0.000	χ^2/NDF : 438010168588723075505721290768963862528.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

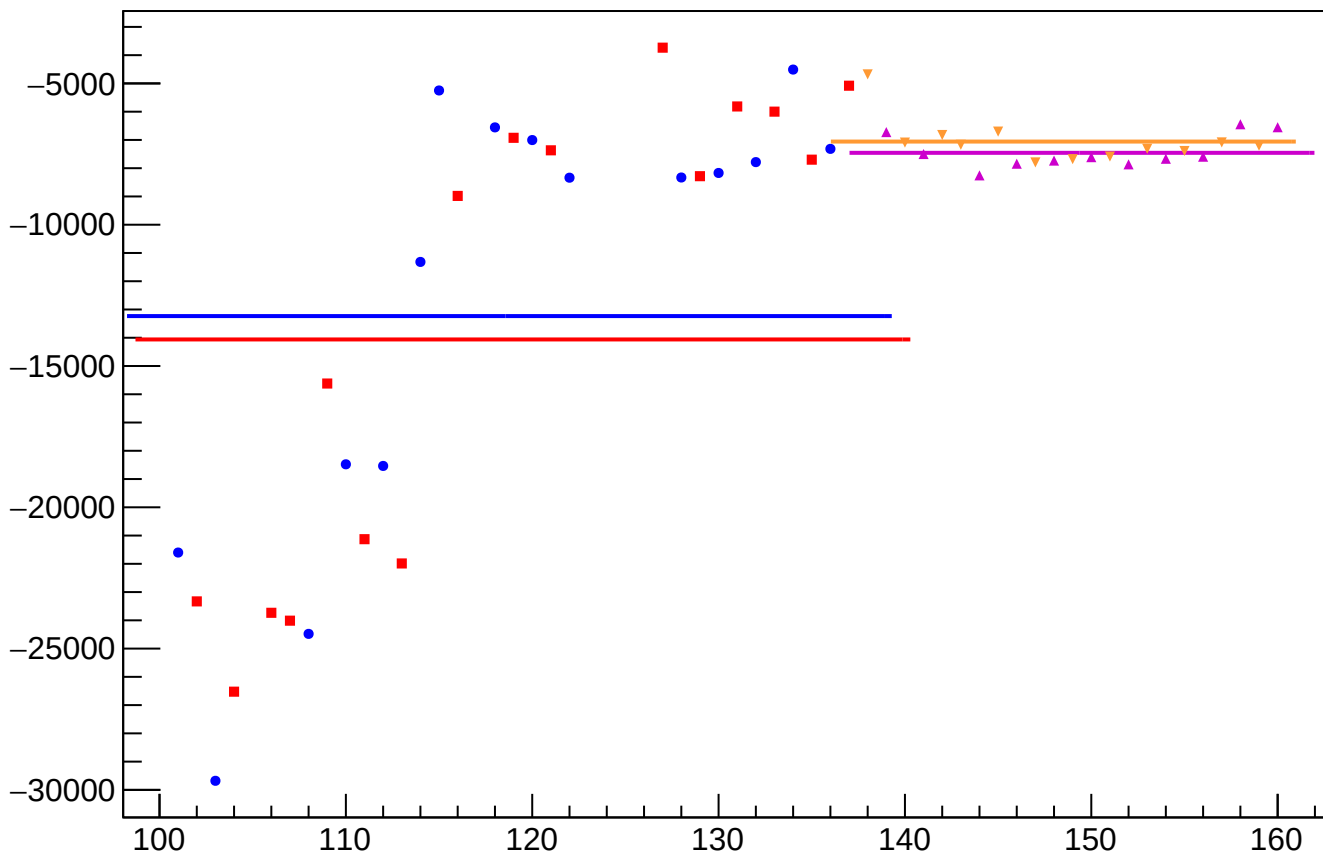
+ sign 1995.018+/-0.000 χ^2/NDF : 53377625694473
 All: 2084.675+/-0.000 χ^2/NDF : 38237081973
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

+ sign -9621.893+/-0.000 χ^2/NDF : 5629932940229

Left Out: -7057.509+/-0.000 χ^2/NDF : 567022768290026836186795118569021505536.0/11

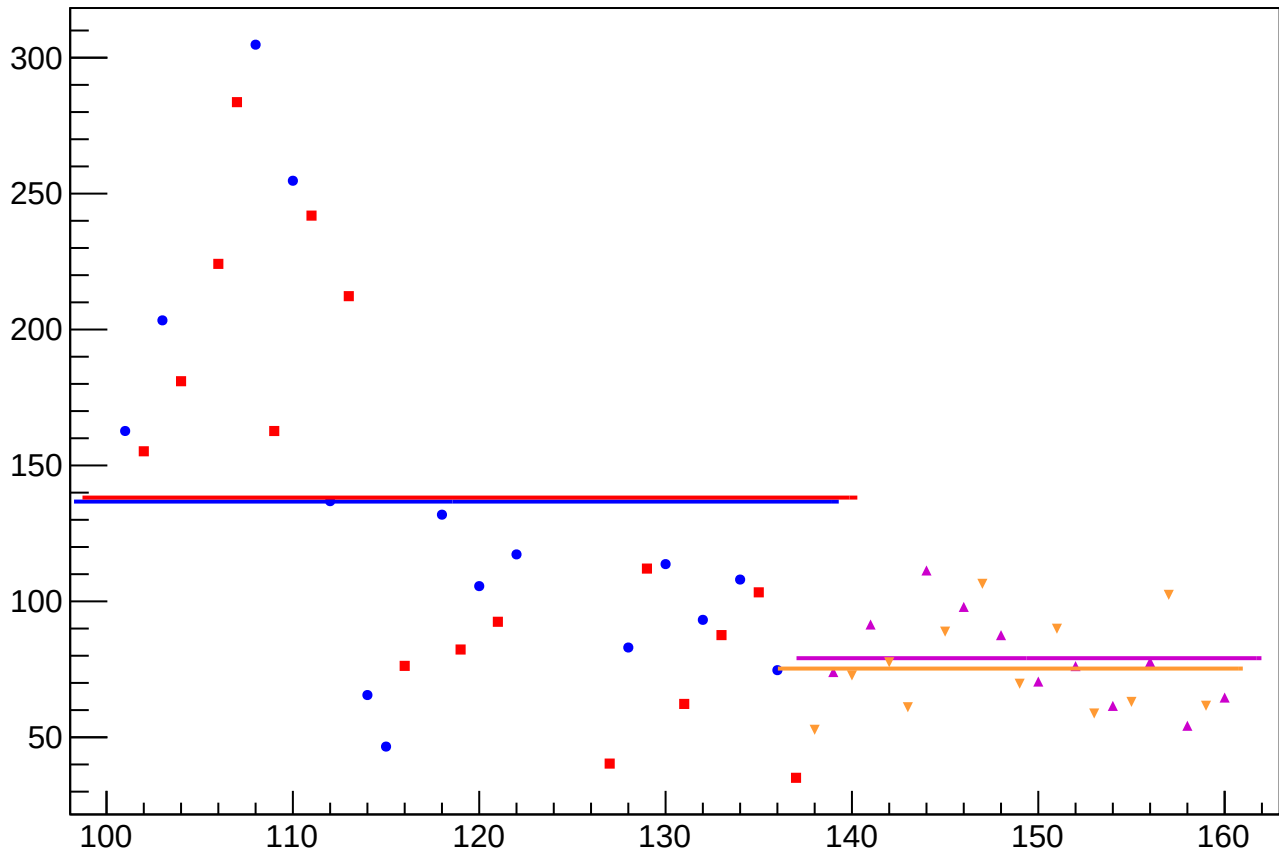
All: -9925.988+/-0.000 χ^2/NDF : 1182552632

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

- sign -10224.731+/-0.000 χ^2/NDF : 6166940420799

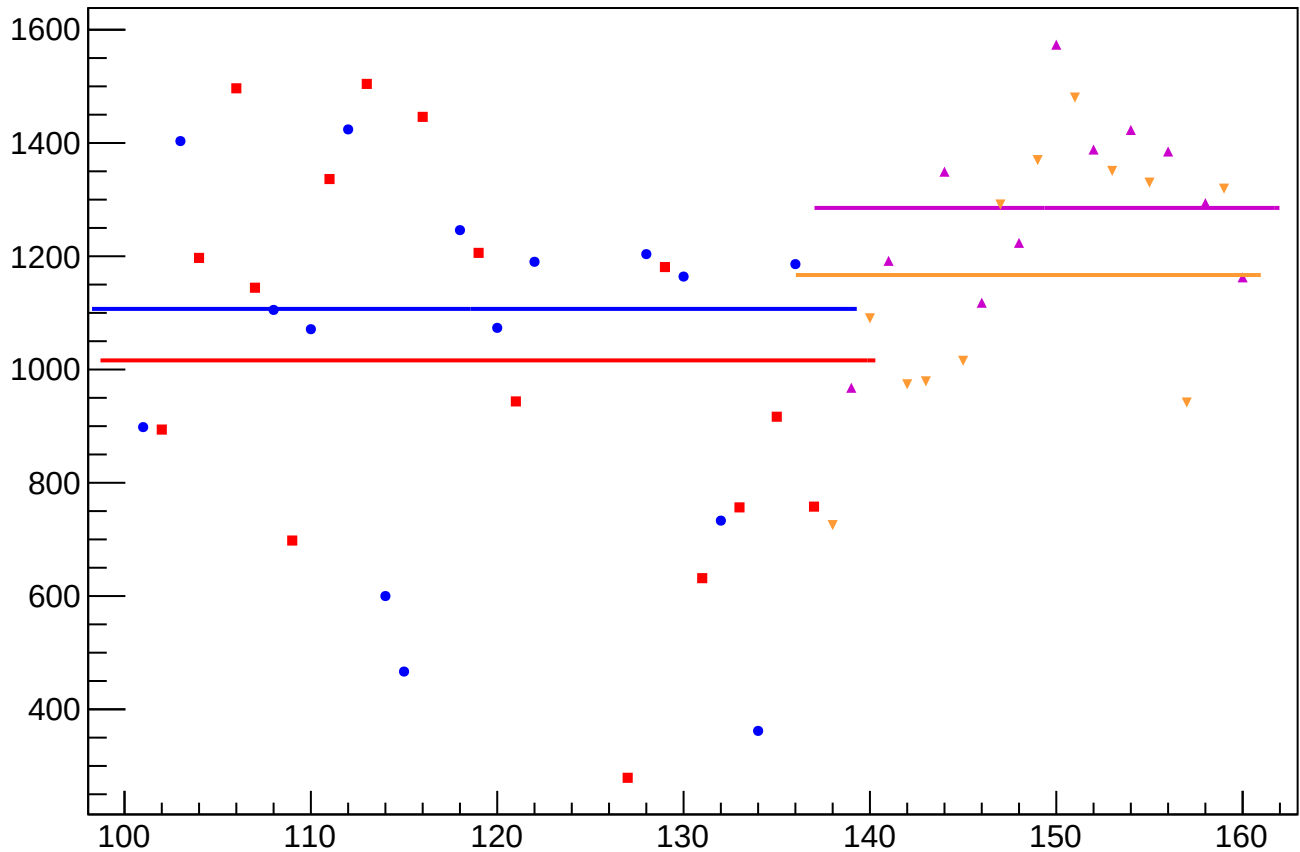
Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



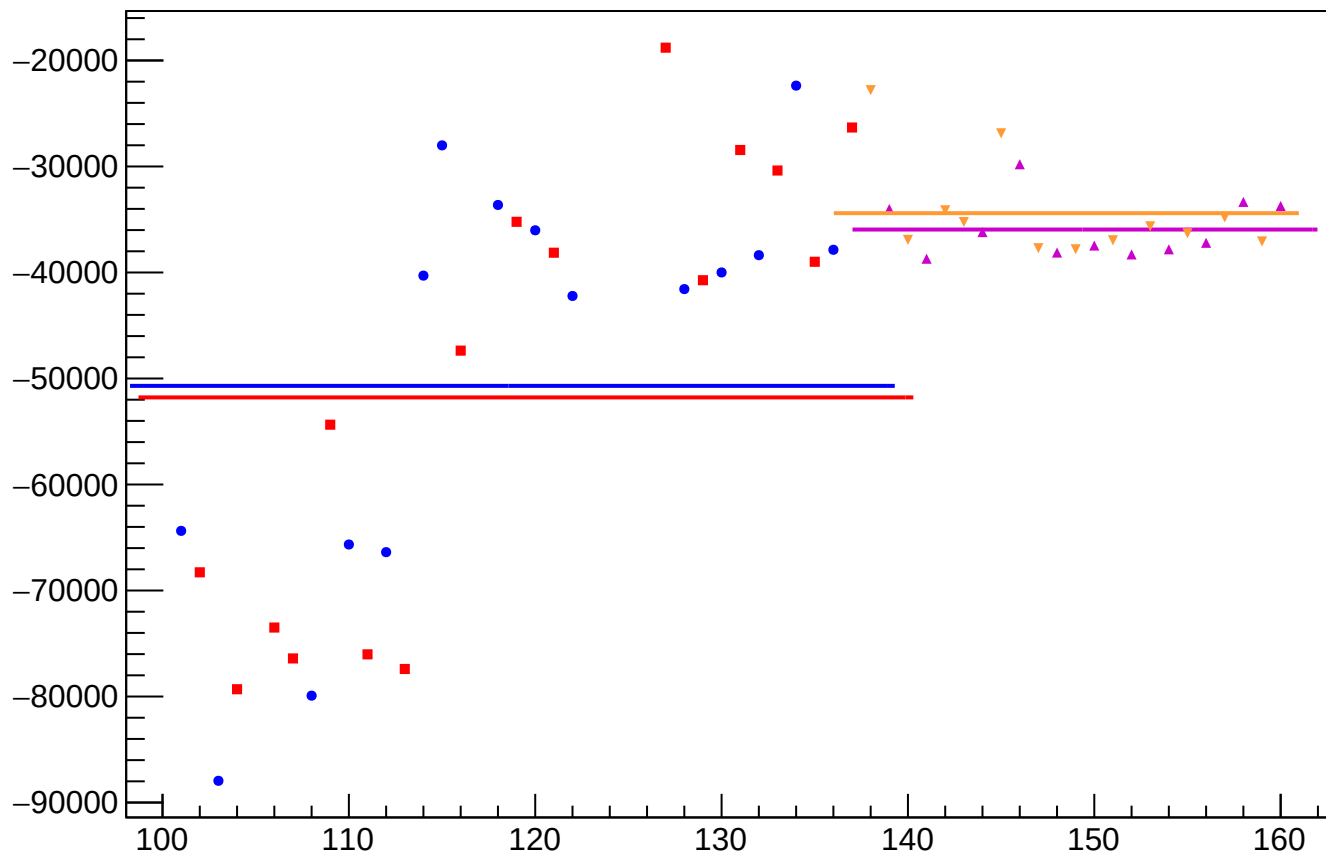
Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14
 Left Out: 75.280+/-0.000 χ^2/NDF : 271565230291715258223184233837363200.0/11
 Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15
 Left In: 79.096+/-0.000 χ^2/NDF : 243975342218114768326270780809674752.0/10
 All: 102.340+/-0.000 χ^2/NDF : 922540453685
 + sign 100.788+/-0.000 χ^2/NDF : 439084065337808
 - sign 103.866+/-0.000 χ^2/NDF : 482709269231347

dit_sam1_coil4_Ndata_mean vs Slug



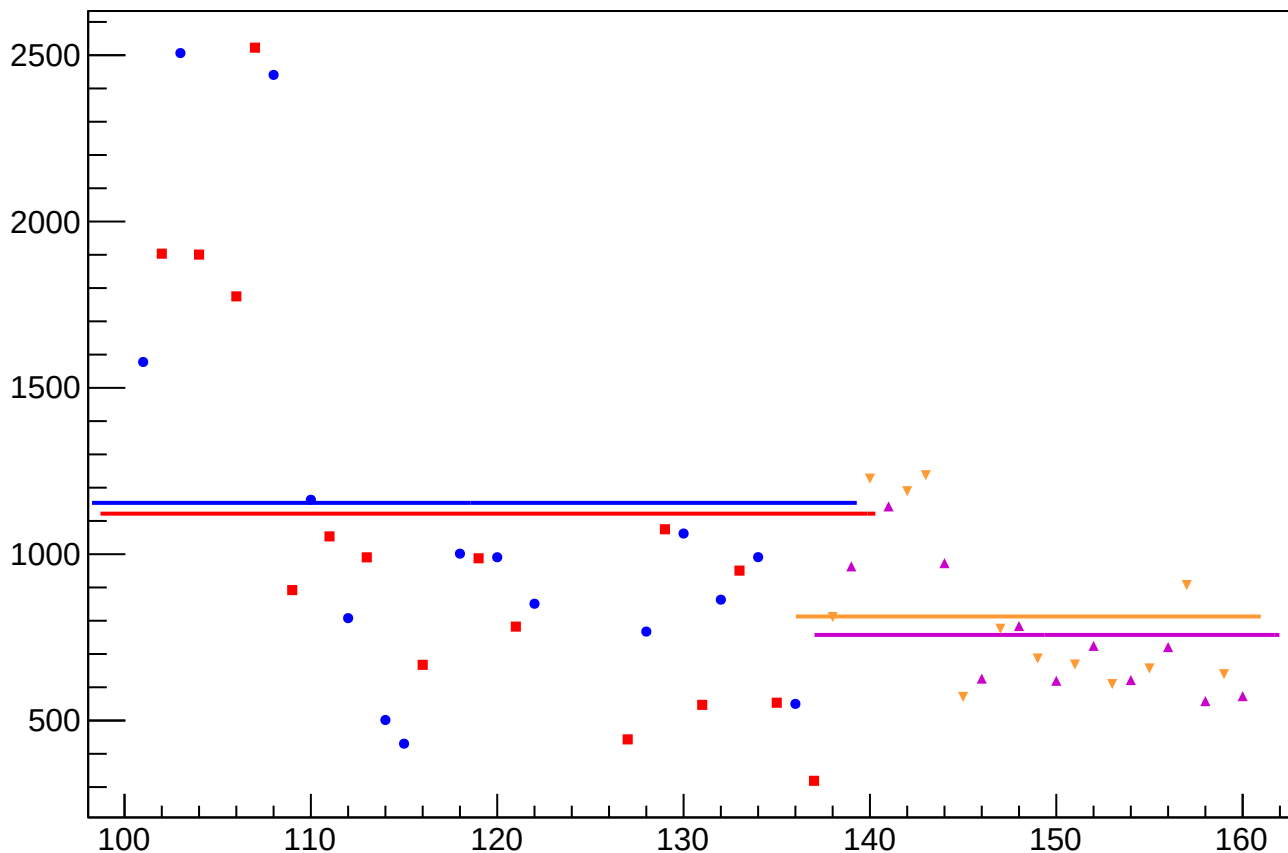
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -34404.656+/-0.000 χ^2/NDF : 18820007226442898256054839449855820038144.0/11
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -35949.660+/-0.000 χ^2/NDF : 6535777806152232441815832130596699635712.0/10

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 812.768+/-0.000 χ^2/NDF : 48869150953187834312923483015749828608.0/11

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

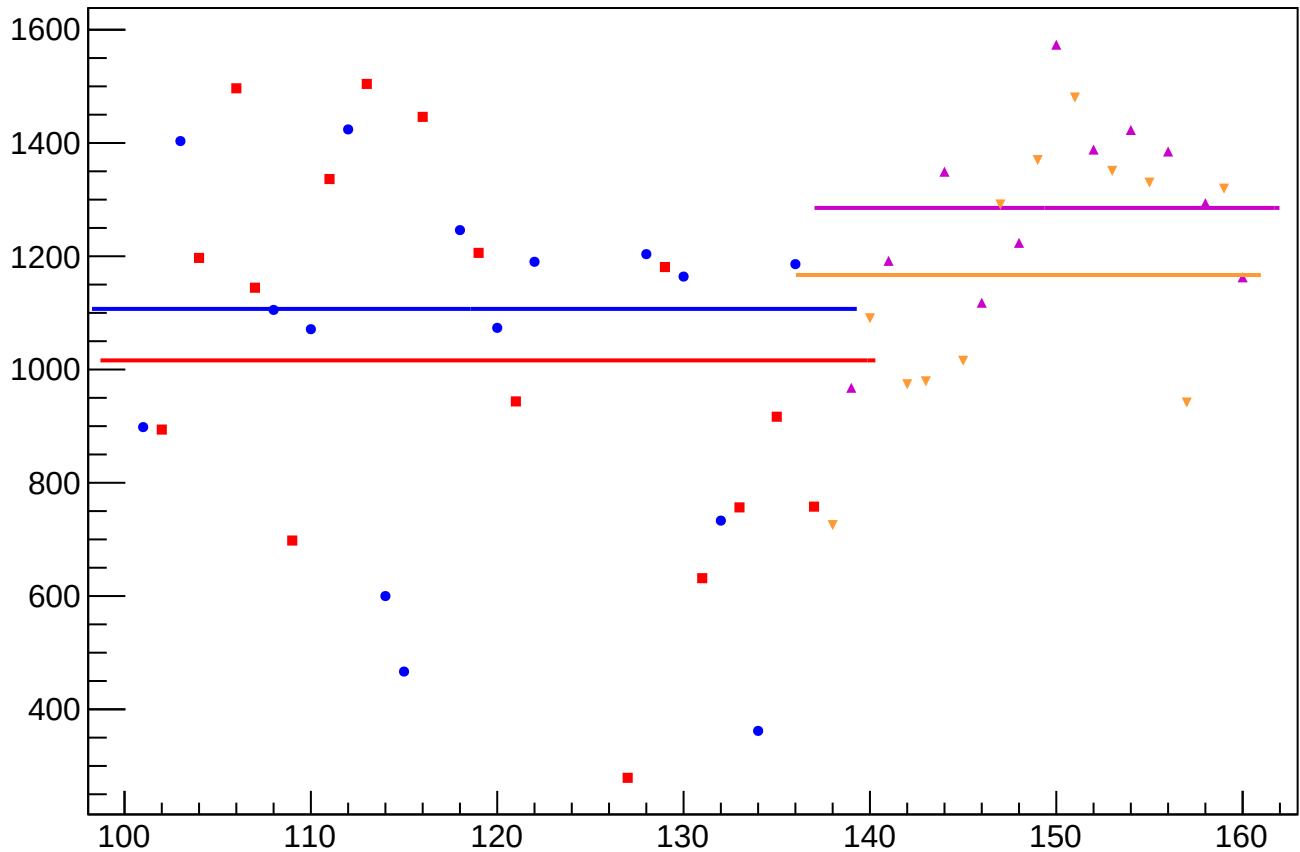
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

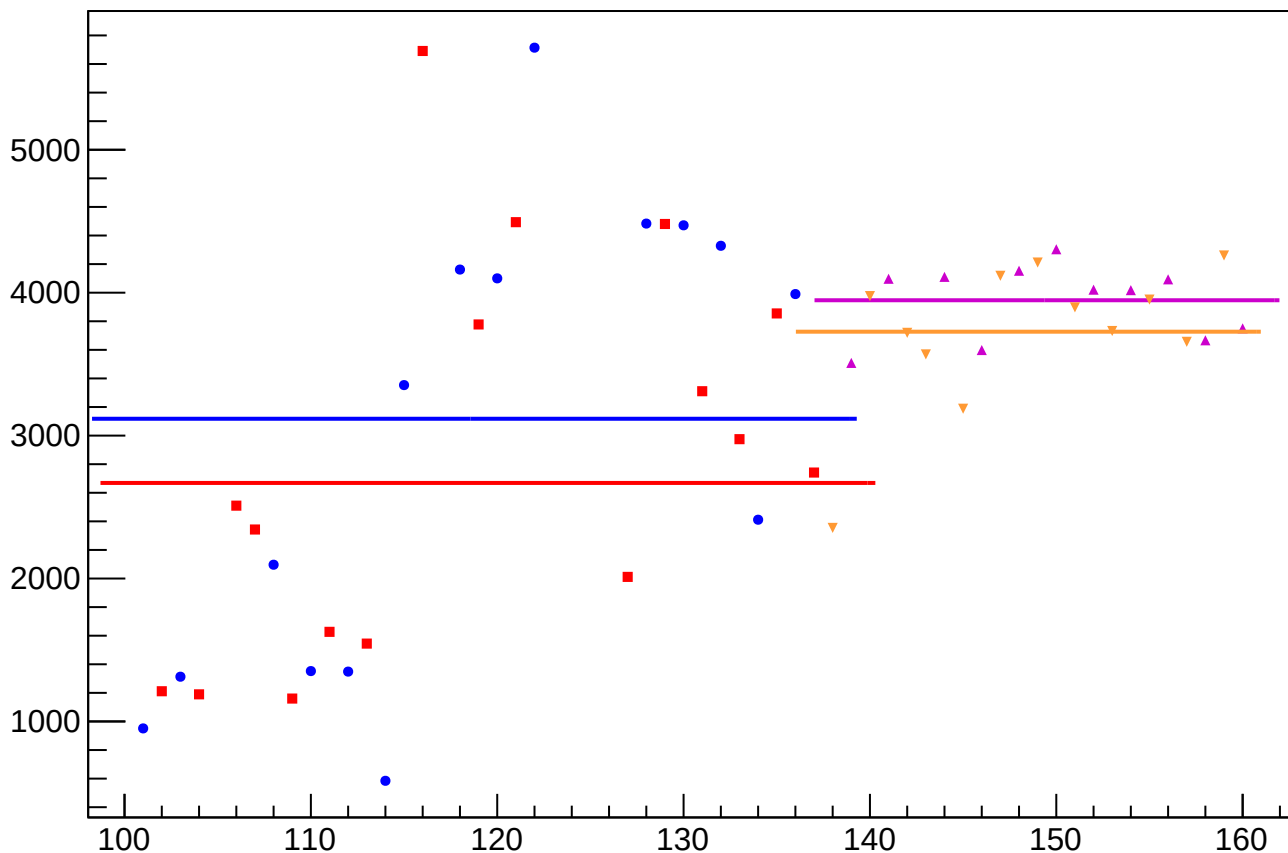
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



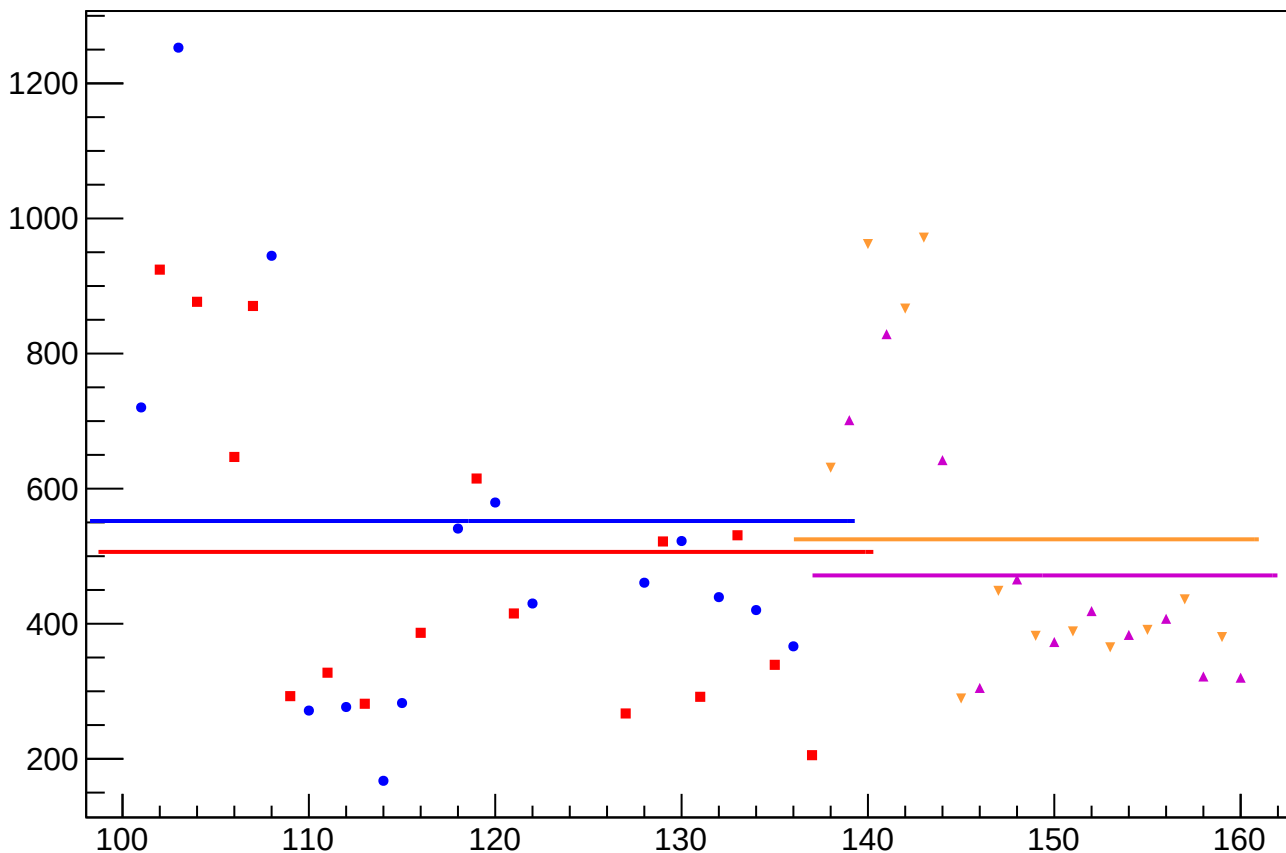
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14	+ sign 3474.146+/-0.000	χ^2/NDF : 19310560227592
Left Out: 3727.095+/-0.000	χ^2/NDF : 237477678561542860292825834329185714176.0/11	All: 3442.374+/-0.000	χ^2/NDF : 37604904568
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15	- sign 3411.160+/-0.000	χ^2/NDF : 18263065086829
Left In: 3947.046+/-0.000	χ^2/NDF : 56963661018859057070812095134472077312.0/10		

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

+ sign 536.247+/-0.000 χ^2/NDF : 100138864573436

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

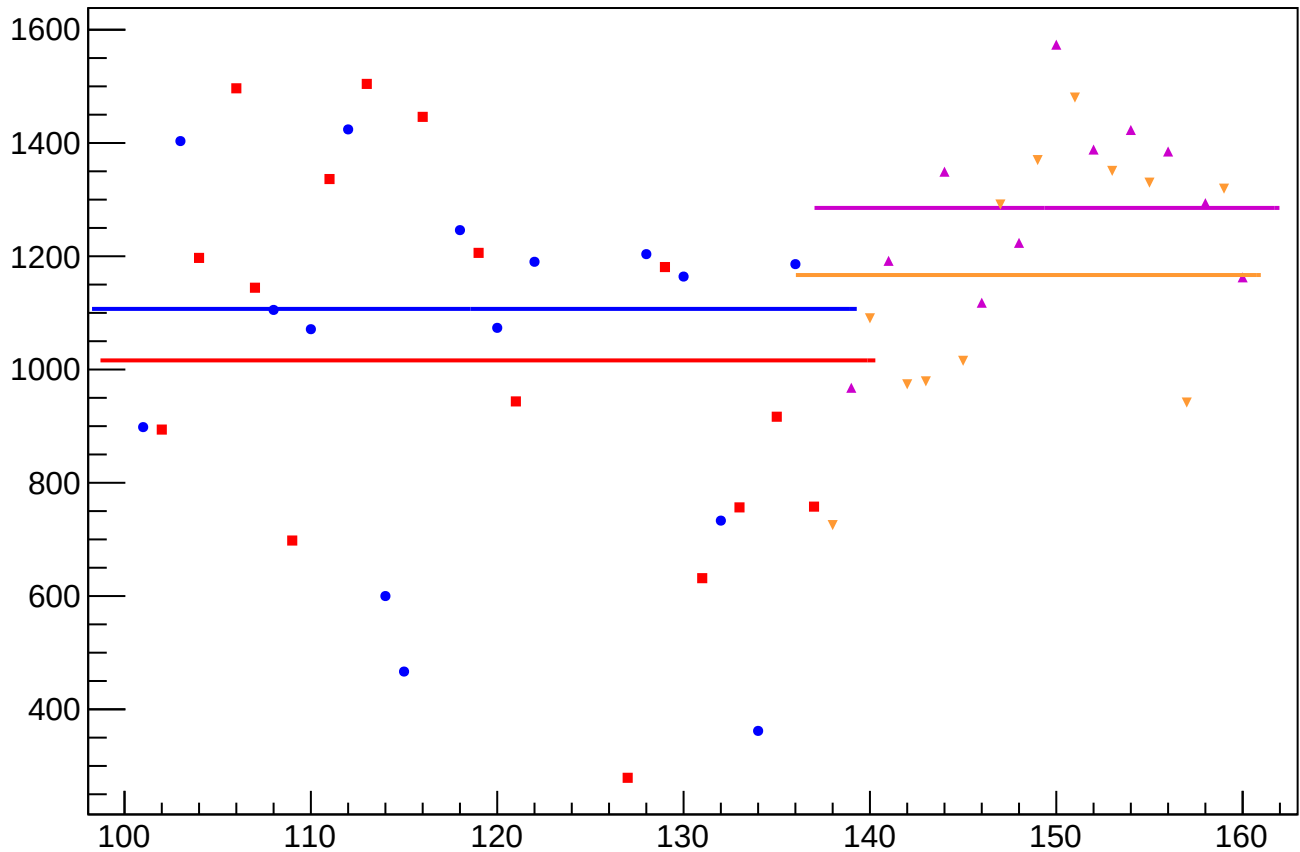
All: 510.967+/-0.000 χ^2/NDF : 165450893043

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

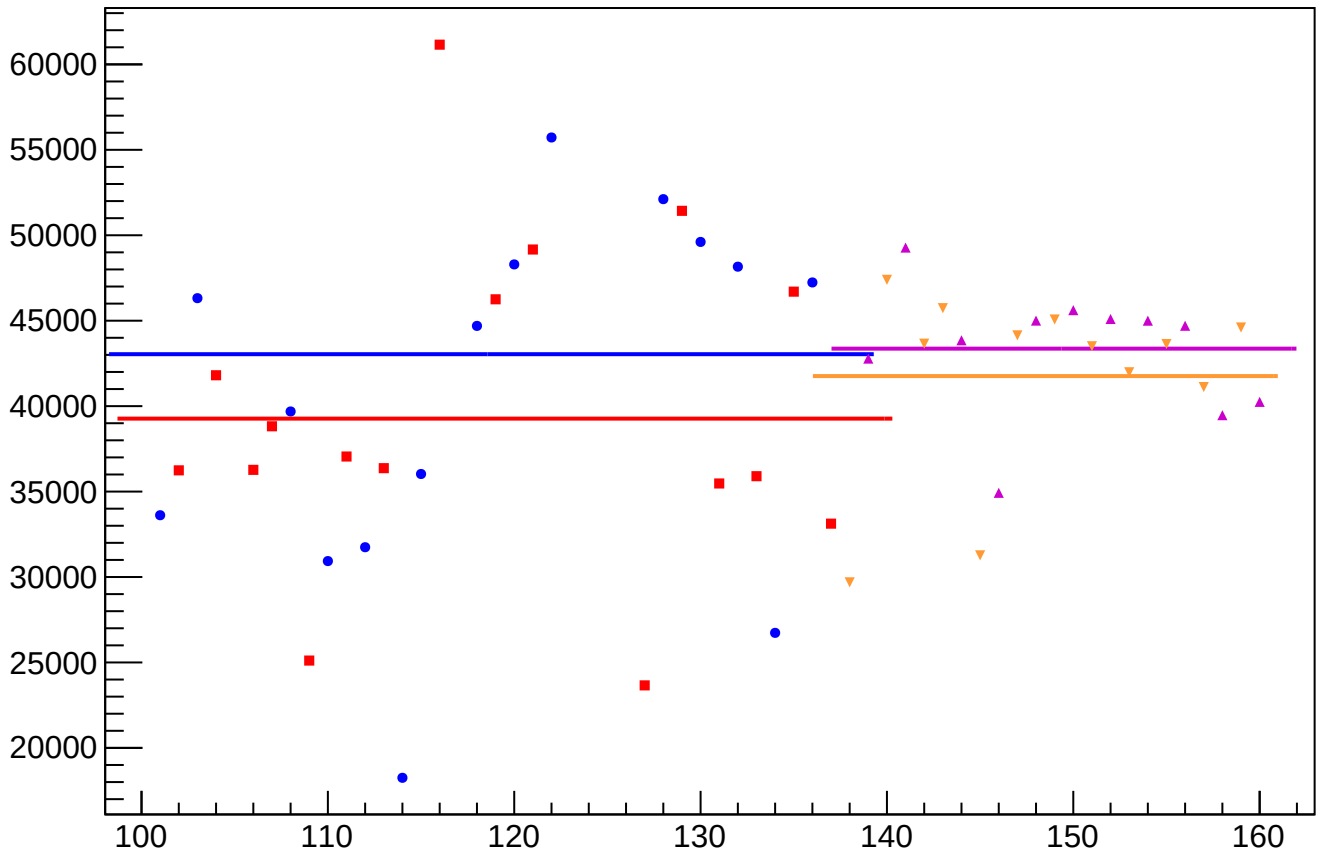
- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_coil4_Ndata_mean vs Slug



dit_sam4_coil4_mean vs Slug



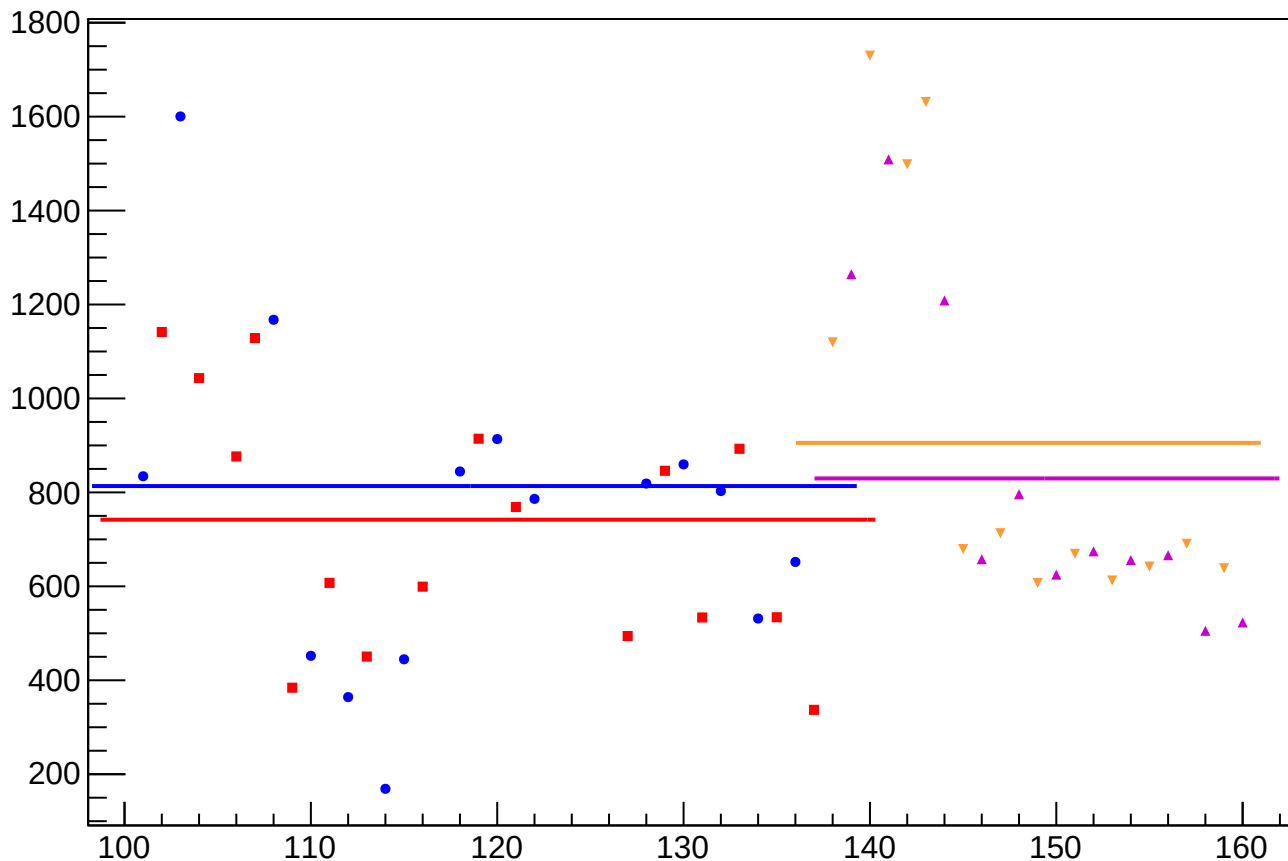
Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42291.015+/-0.000 χ^2/NDF : 7535805649529

All: 41966.664+/-0.000 χ^2/NDF : 146263445

- sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



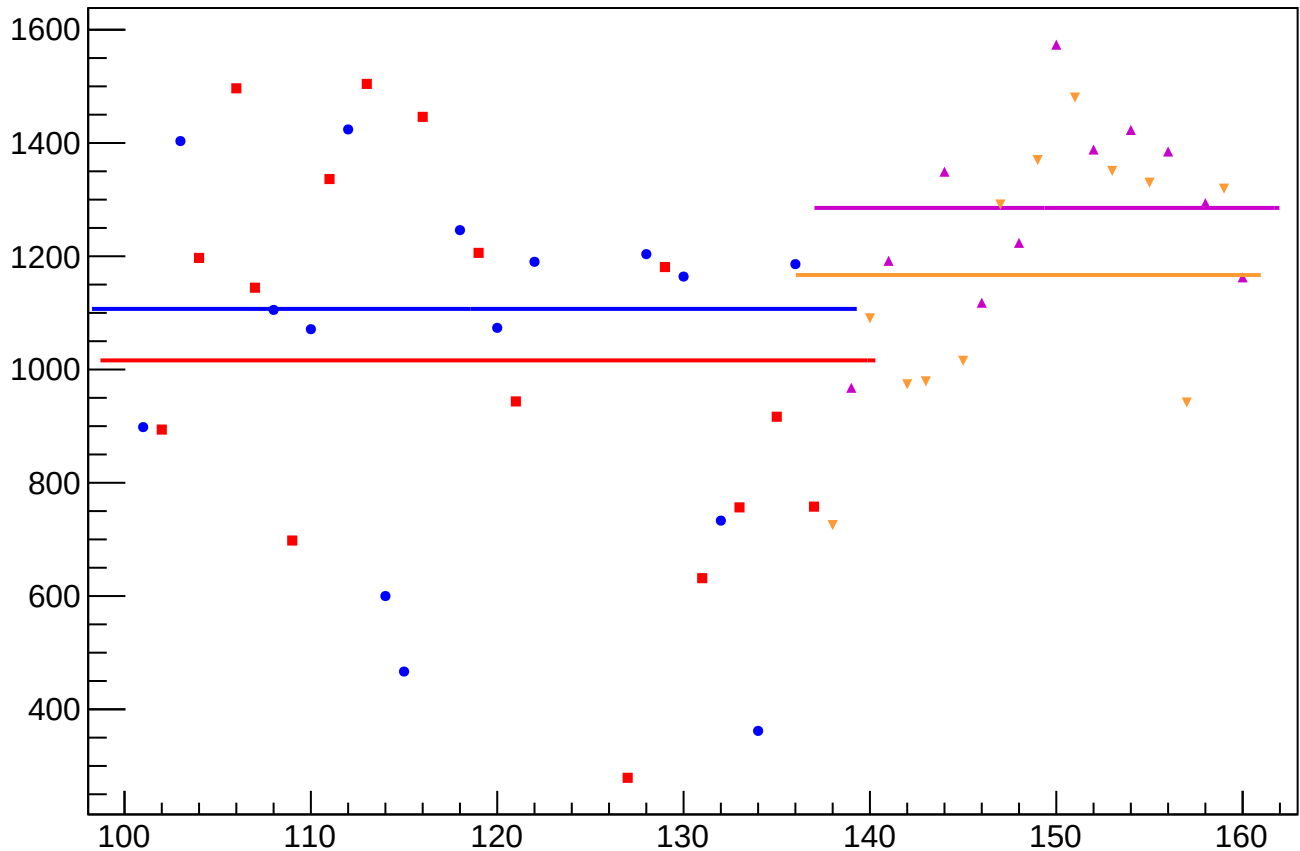
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

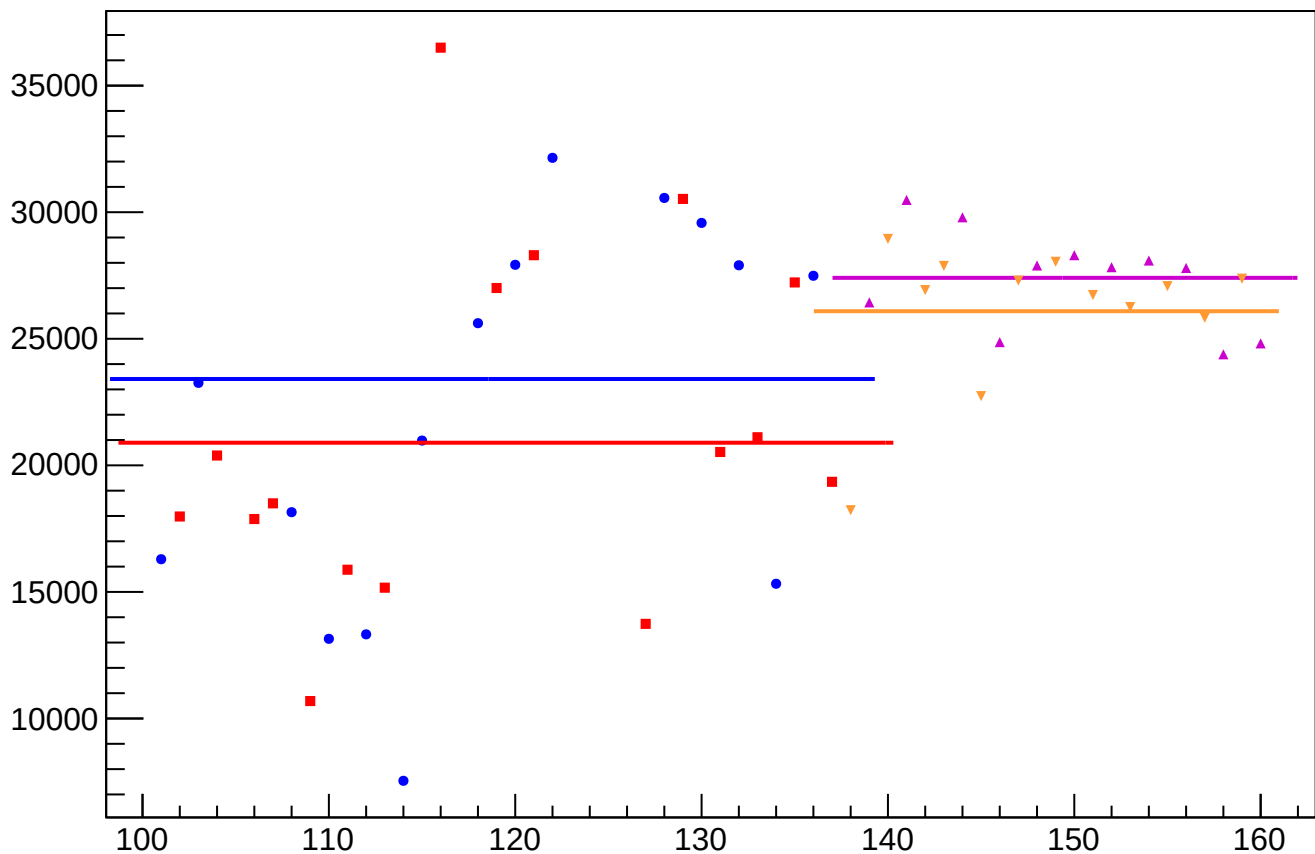
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

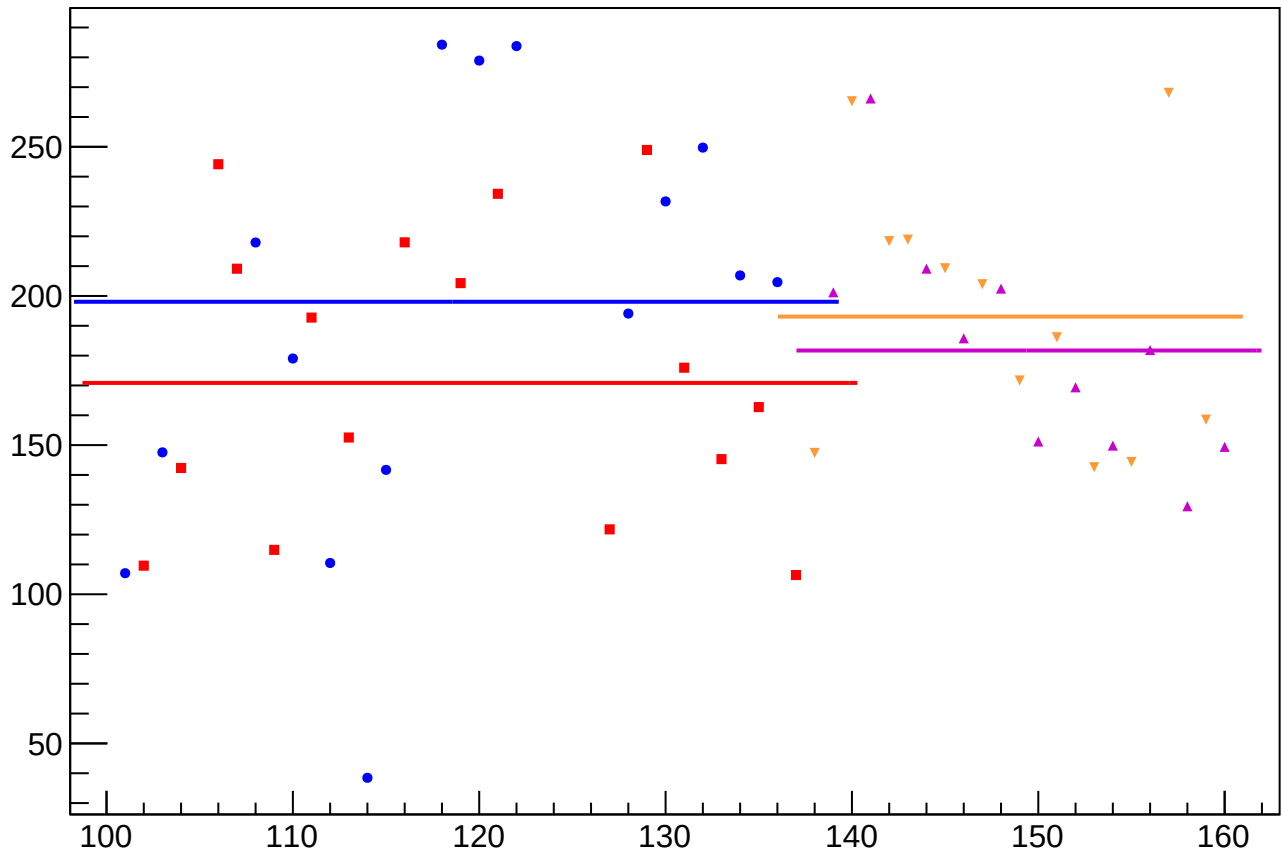
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 26089.435+/-0.000	χ^2/NDF : 7297474697325231234633060364075485102080.0/11
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27407.255+/-0.000	χ^2/NDF : 3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF : 3844656677924
 All: 24825.775+/-0.000 χ^2/NDF : 8568215489
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

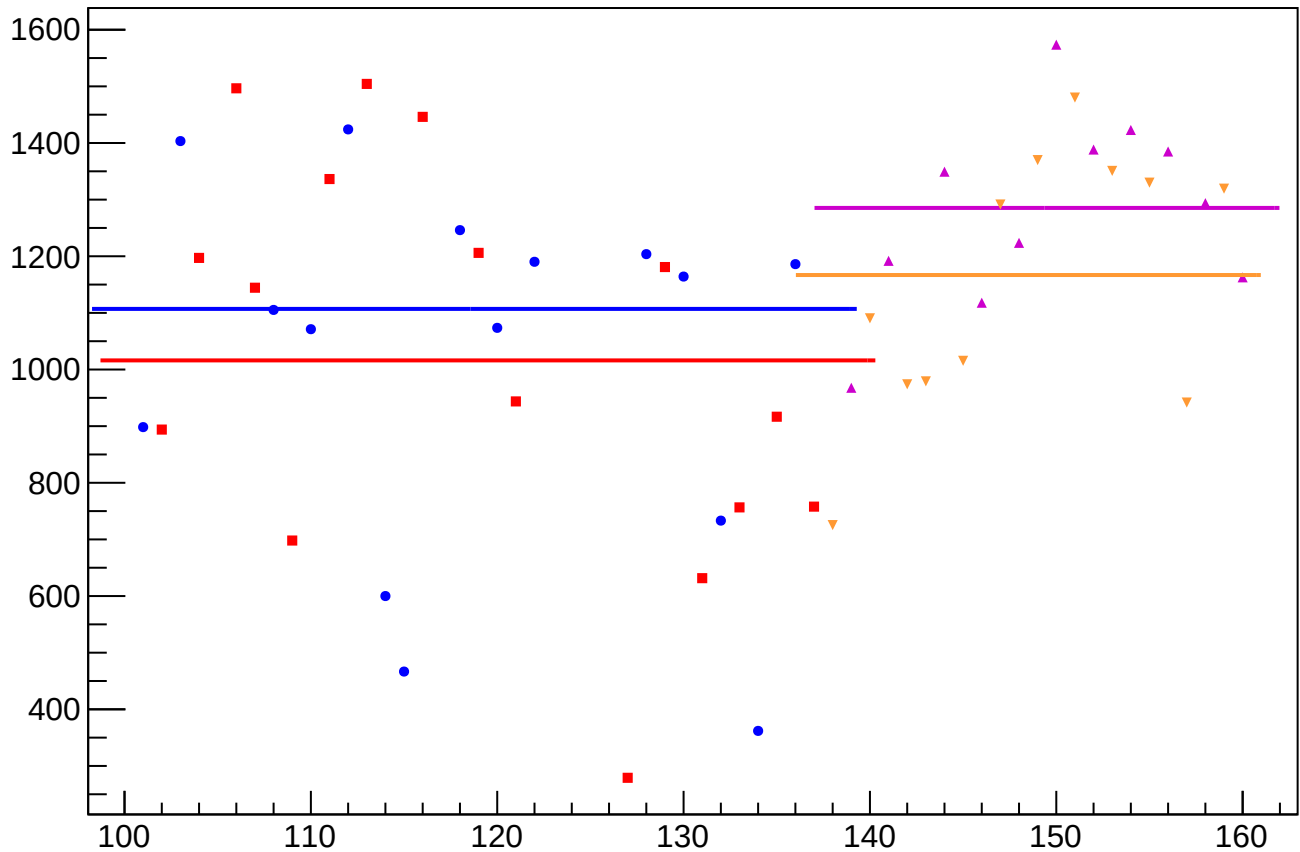
dit_sam5_coil4_err_mean vs Slug



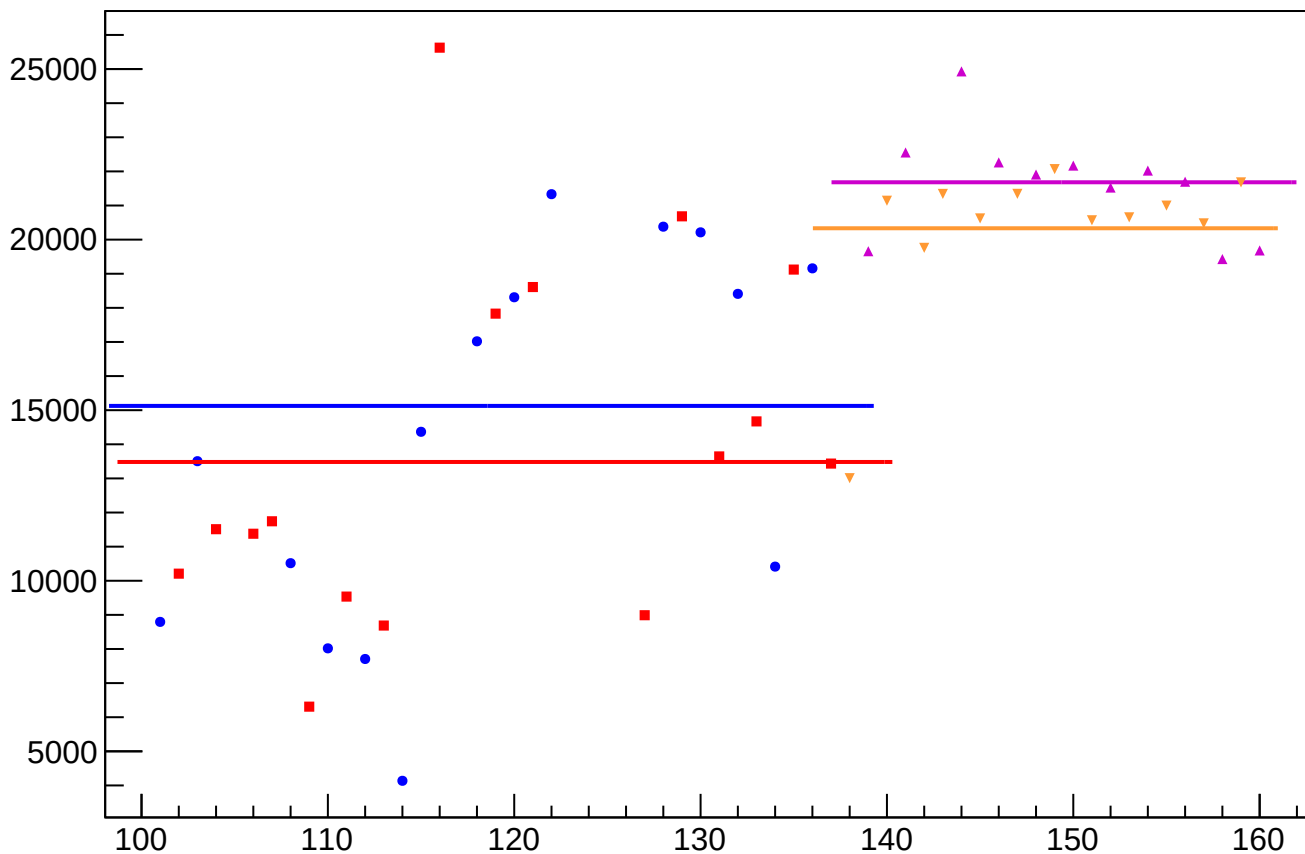
Right In: 198.056+/-0.000	χ^2/NDF : 2482928792293864415922382990034862080.0/14
Left Out: 193.084+/-0.000	χ^2/NDF : 1682749705439949881122511912389574656.0/11
Right Out: 170.851+/-0.000	χ^2/NDF : 1418314816915016425155520631536615424.0/15
Left In: 181.711+/-0.000	χ^2/NDF : 1228549704796737698218369408017891328.0/10

+ sign 195.148+/-0.000 χ^2/NDF : 417506015542371
 All: 186.074+/-0.000 χ^2/NDF : 712277108618
 - sign 177.159+/-0.000 χ^2/NDF : 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



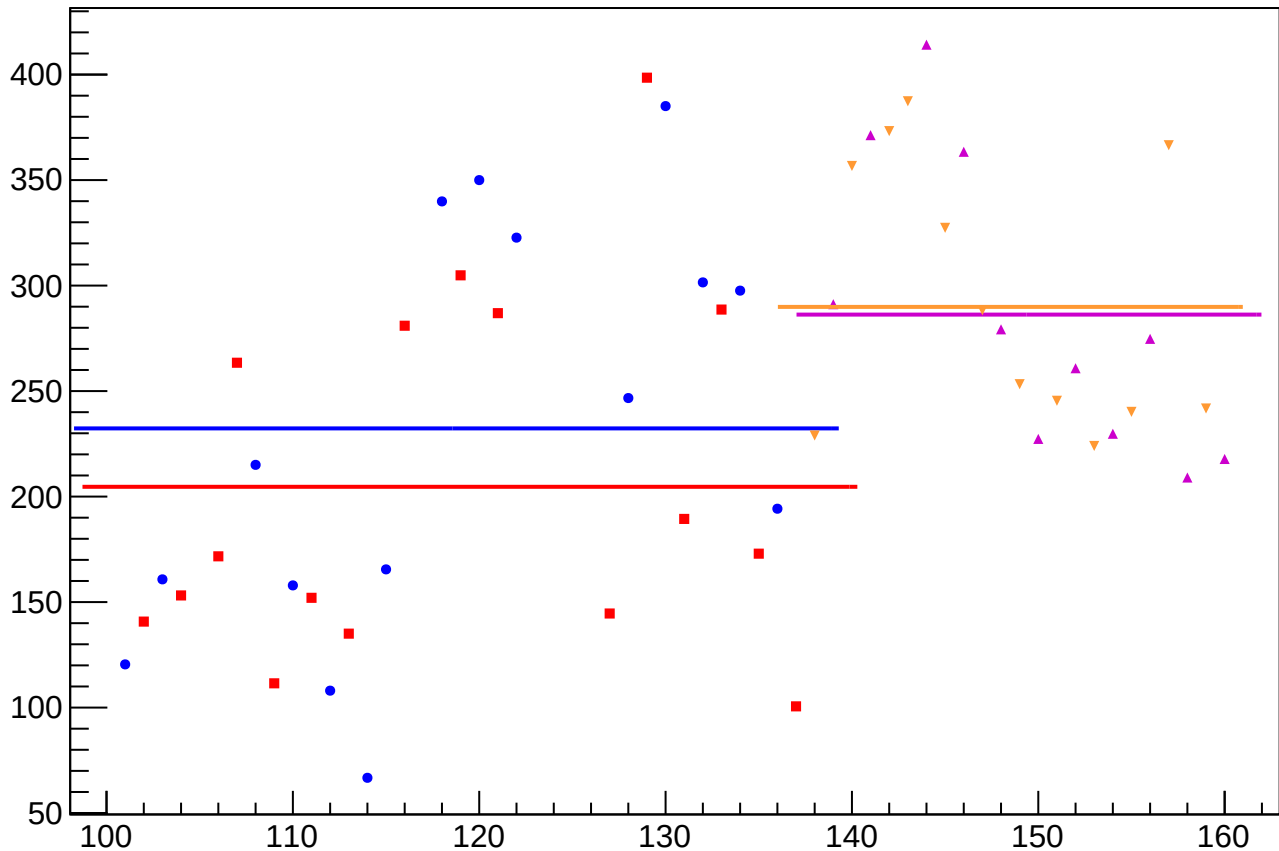
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20333.061+/-0.000	χ^2/NDF : 4855949225776942763226853940369054236672.0/11
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21681.241+/-0.000	χ^2/NDF : 2108874573649202621711530332866310307840.0/10

+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

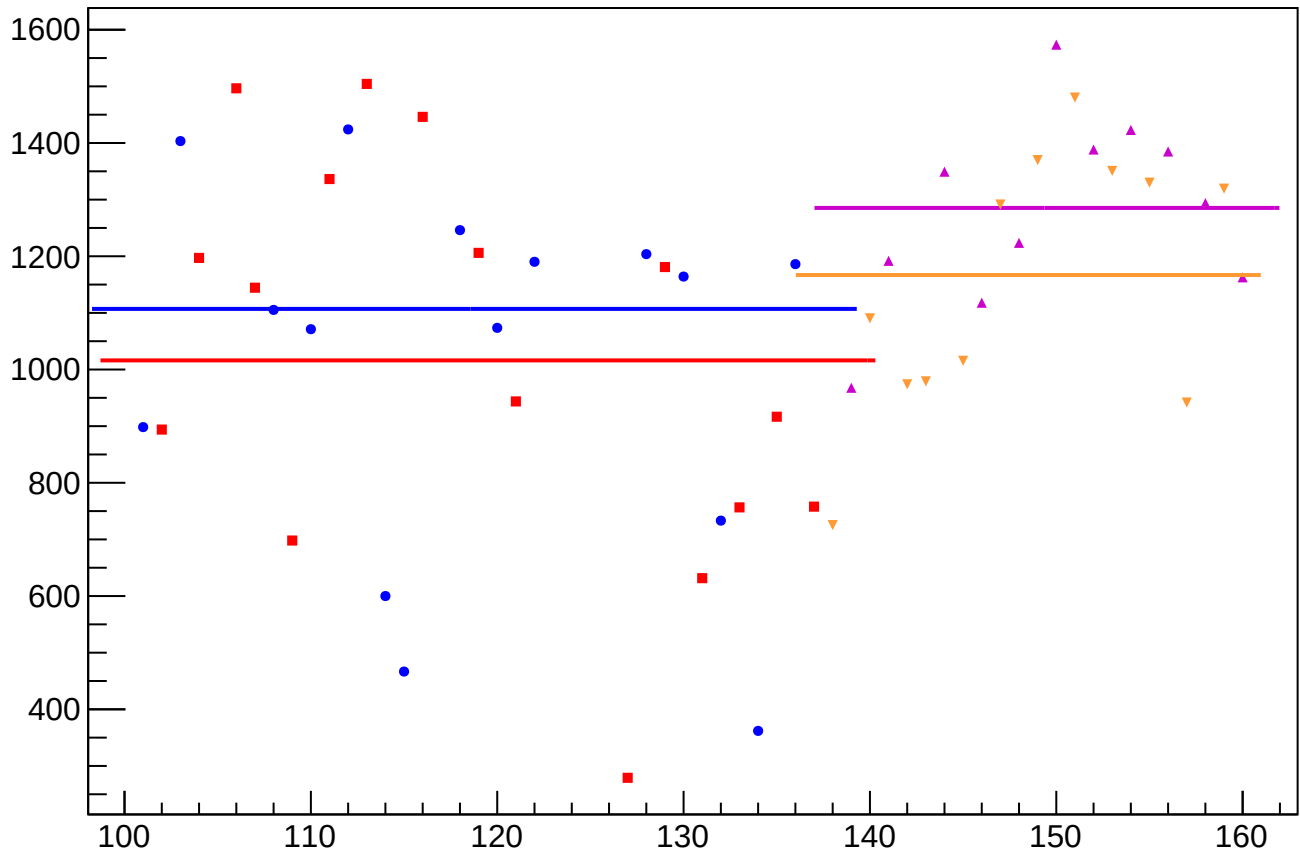
dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14
Left Out: 289.897+/-0.000	χ^2/NDF : 3202390993231935504147250998086205440.0/11
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10

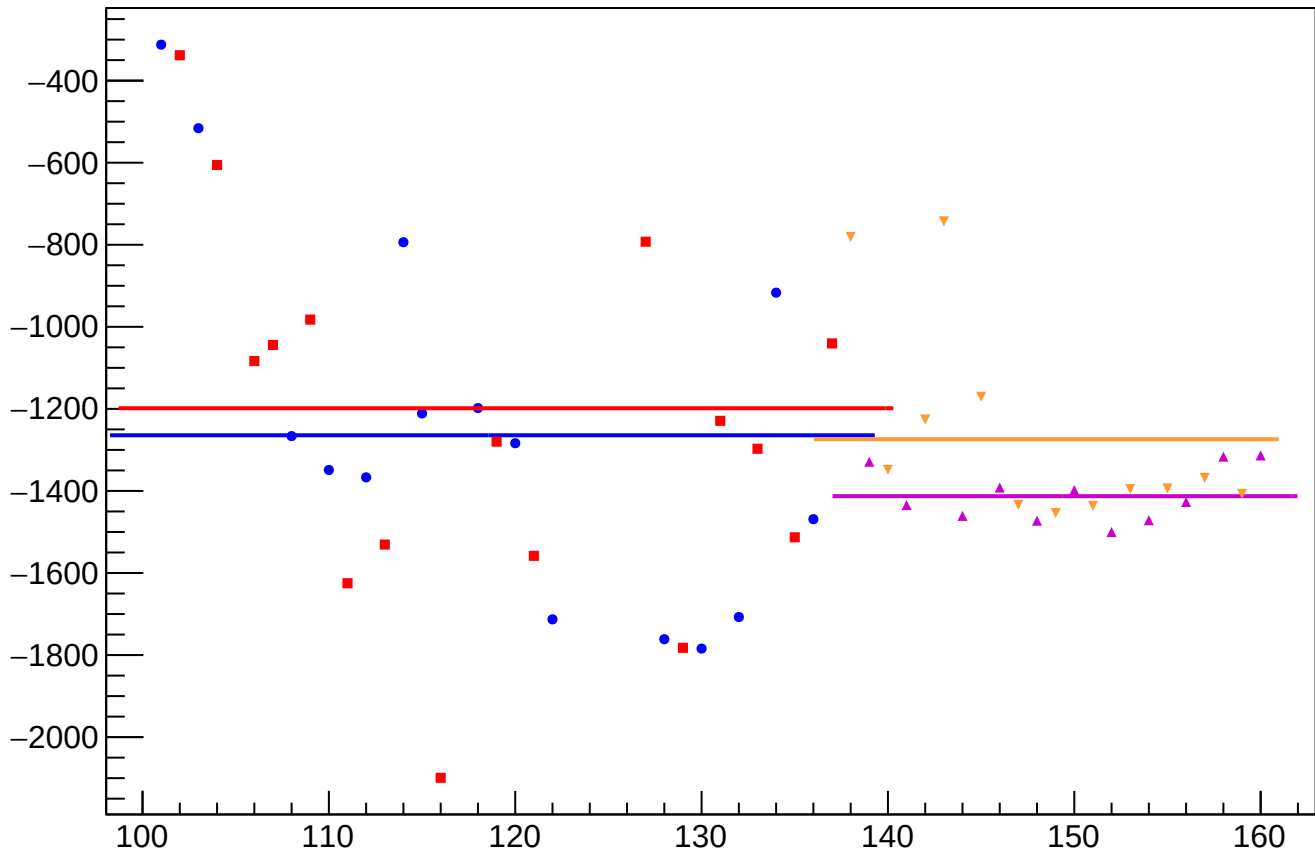
+ sign 265.986+/-0.000 χ^2/NDF : 993907240808893
 All: 258.948+/-0.000 χ^2/NDF : 212946744199
 - sign 252.033+/-0.000 χ^2/NDF : 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug



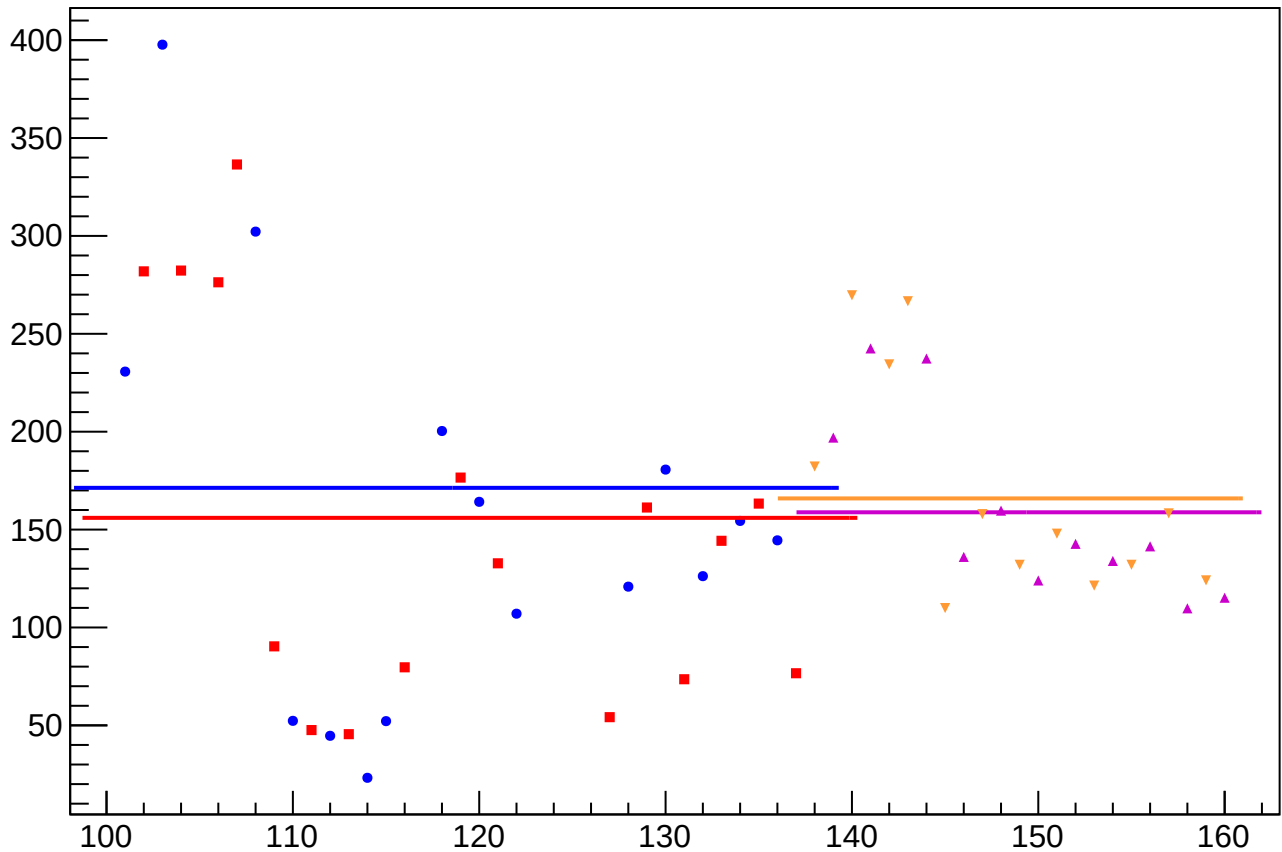
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



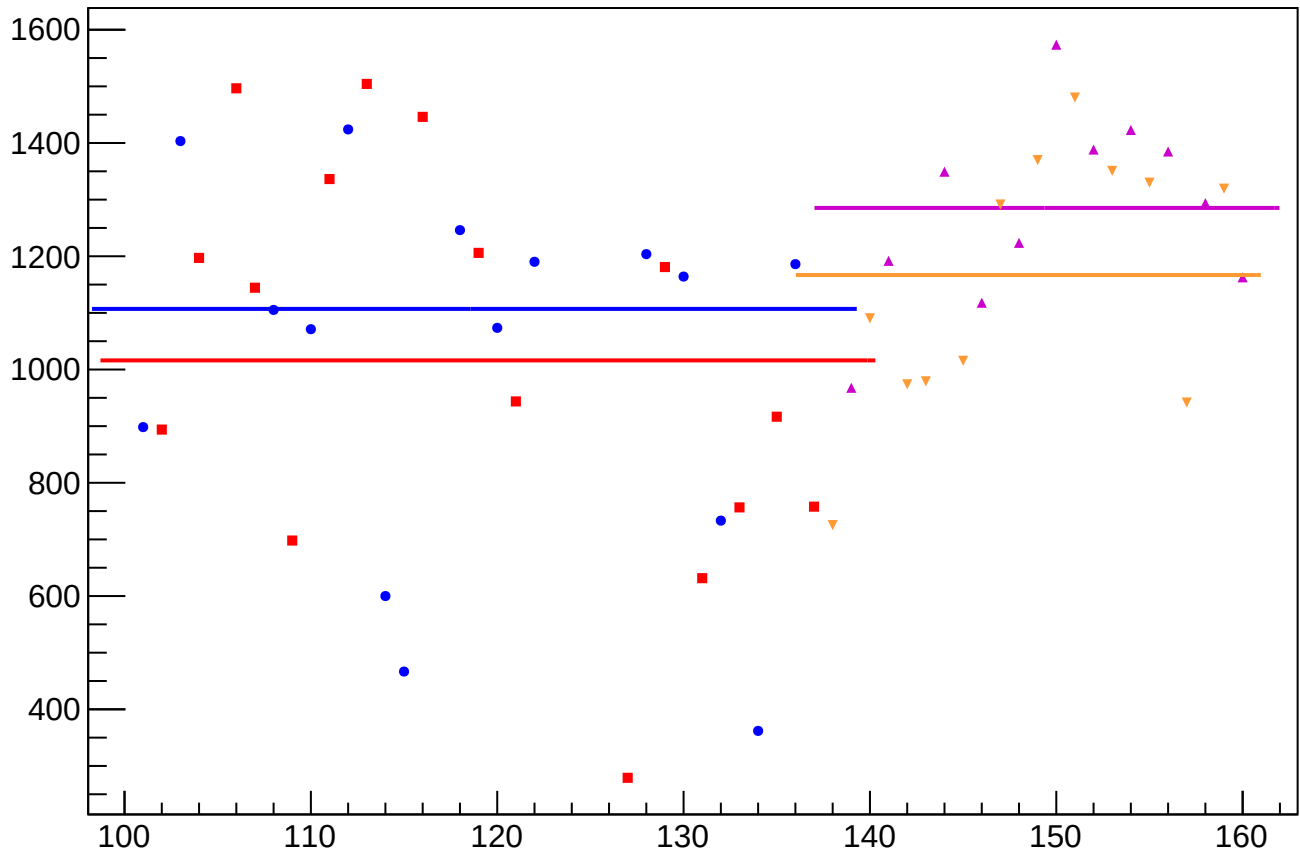
Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912 ± 0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10
 All: -1296.664 ± 0.000 χ^2/NDF : 3455789240
 + sign -1269.922 ± 0.000 χ^2/NDF : 1907675135798
 - sign -1322.935 ± 0.000 χ^2/NDF : 15259559017097

dit_sam7_coil4_err_mean vs Slug

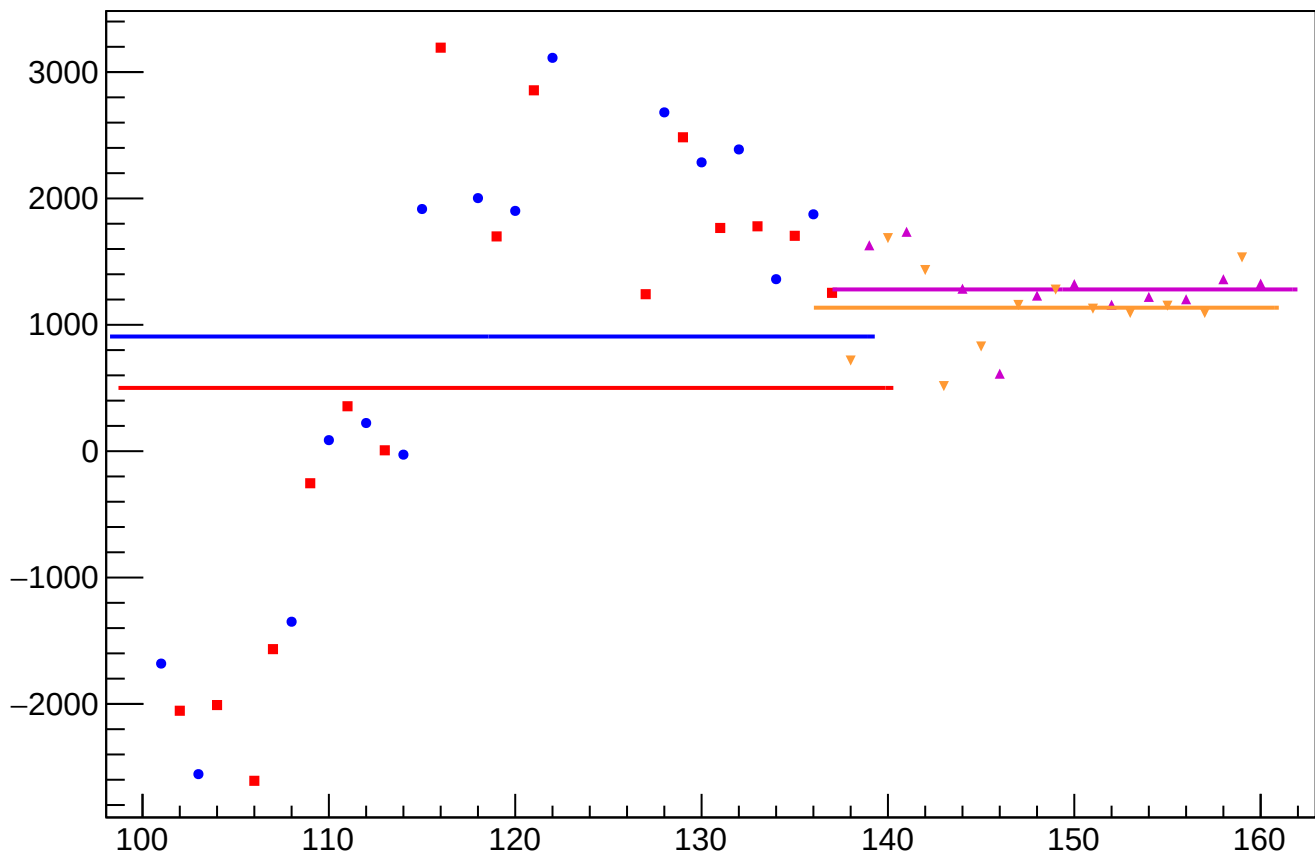


Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10
 All: 162.856+/-0.000 χ^2/NDF : 163313195033
 + sign 168.162+/-0.000 χ^2/NDF : 870698624432880
 - sign 157.643+/-0.000 χ^2/NDF : 753709484799884

dit_sam7_coil4_Ndata_mean vs Slug



dit_sam8_coil4_mean vs Slug



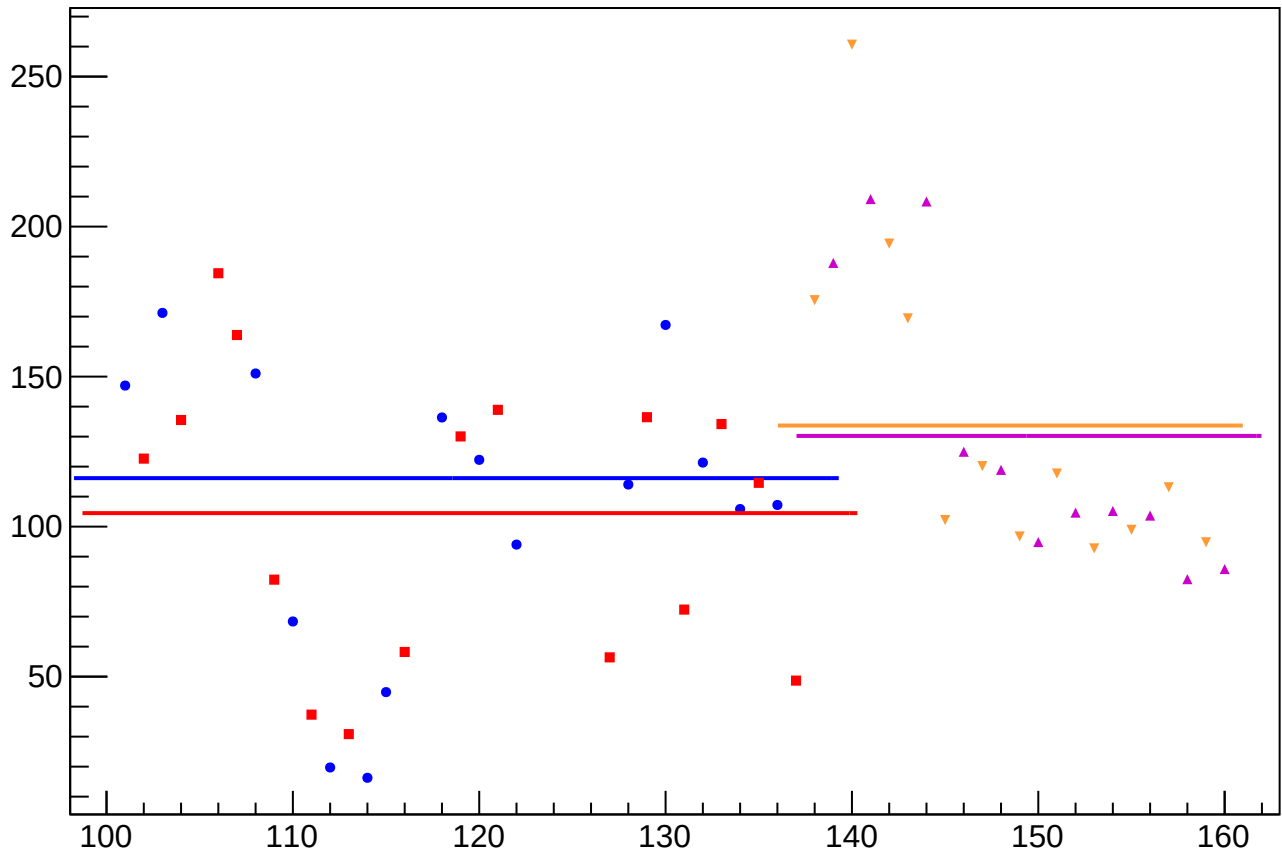
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ sign 1040.809+/-0.000 χ^2/NDF : 22174332894874

All: 996.658+/-0.000 χ^2/NDF : 460055616816

- sign 953.284+/-0.000 χ^2/NDF : 237708288217536

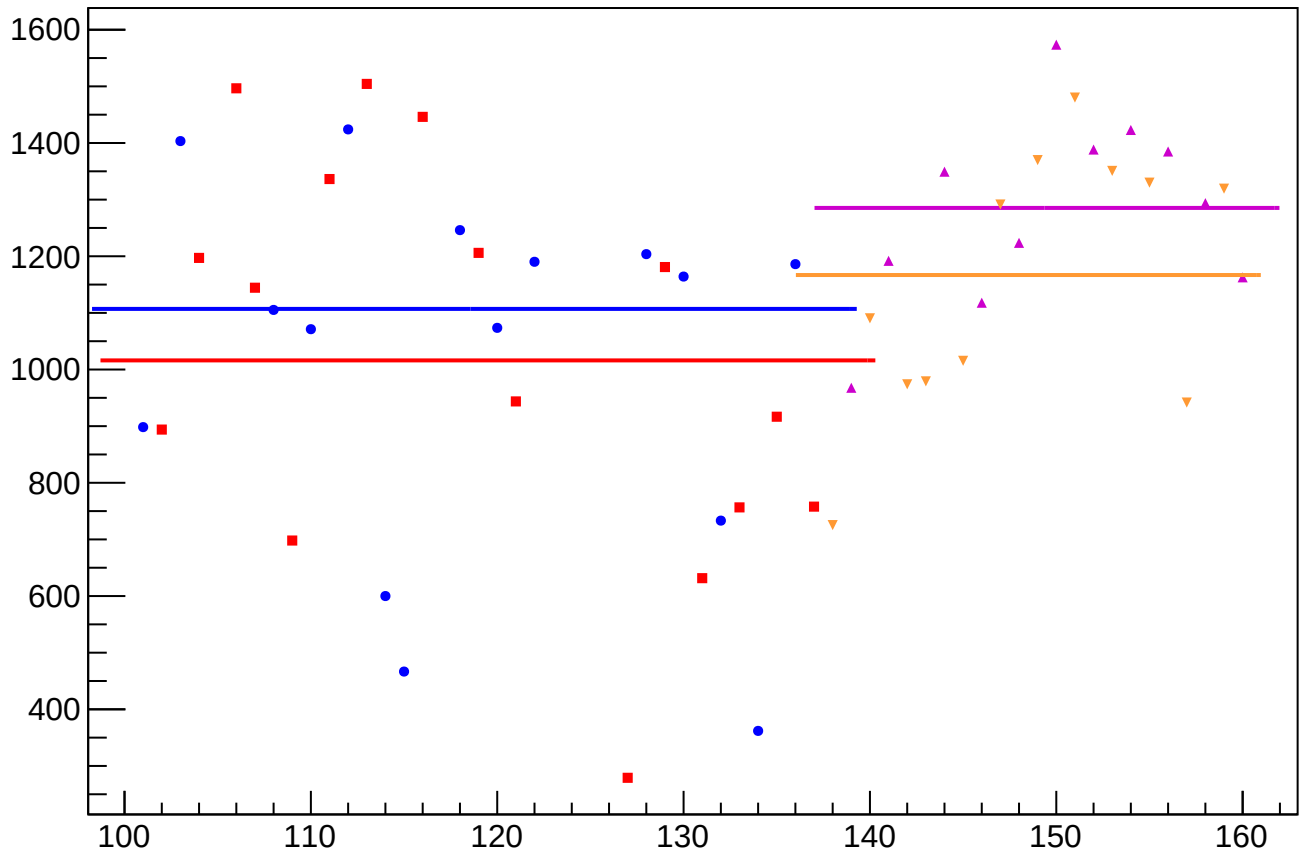
dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000	χ^2/NDF : 1198526427485199785396504127288115200.0/14
Left Out: 133.695+/-0.000	χ^2/NDF : 2332238004384262852879386446827356160.0/11
Right Out: 104.501+/-0.000	χ^2/NDF : 1285986383644058507445602420764180480.0/15
Left In: 130.237+/-0.000	χ^2/NDF : 1968814259217478663576054483231178752.0/10

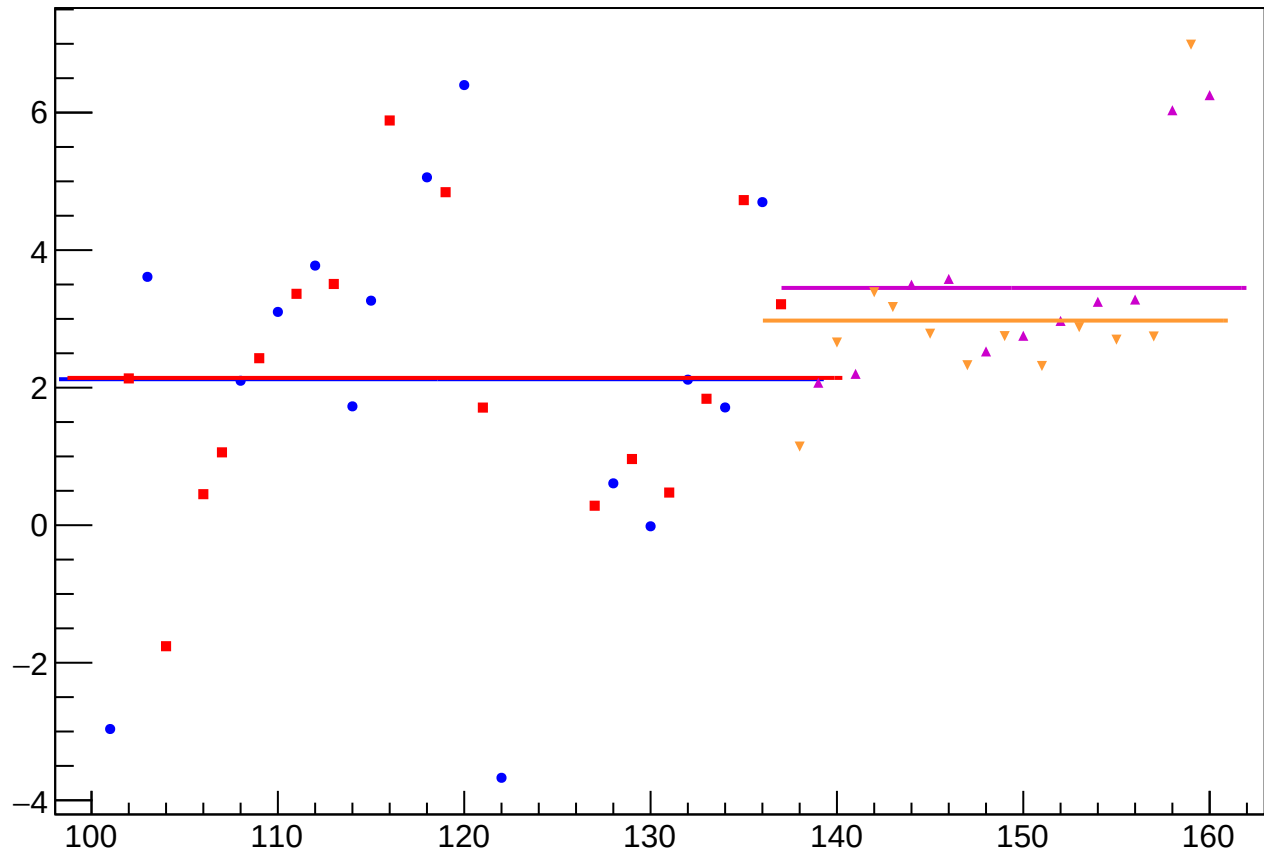
+ sign 126.414+/-0.000 χ^2/NDF : 364747445092715
 All: 122.900+/-0.000 χ^2/NDF : 71971163823
 - sign 119.447+/-0.000 χ^2/NDF : 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

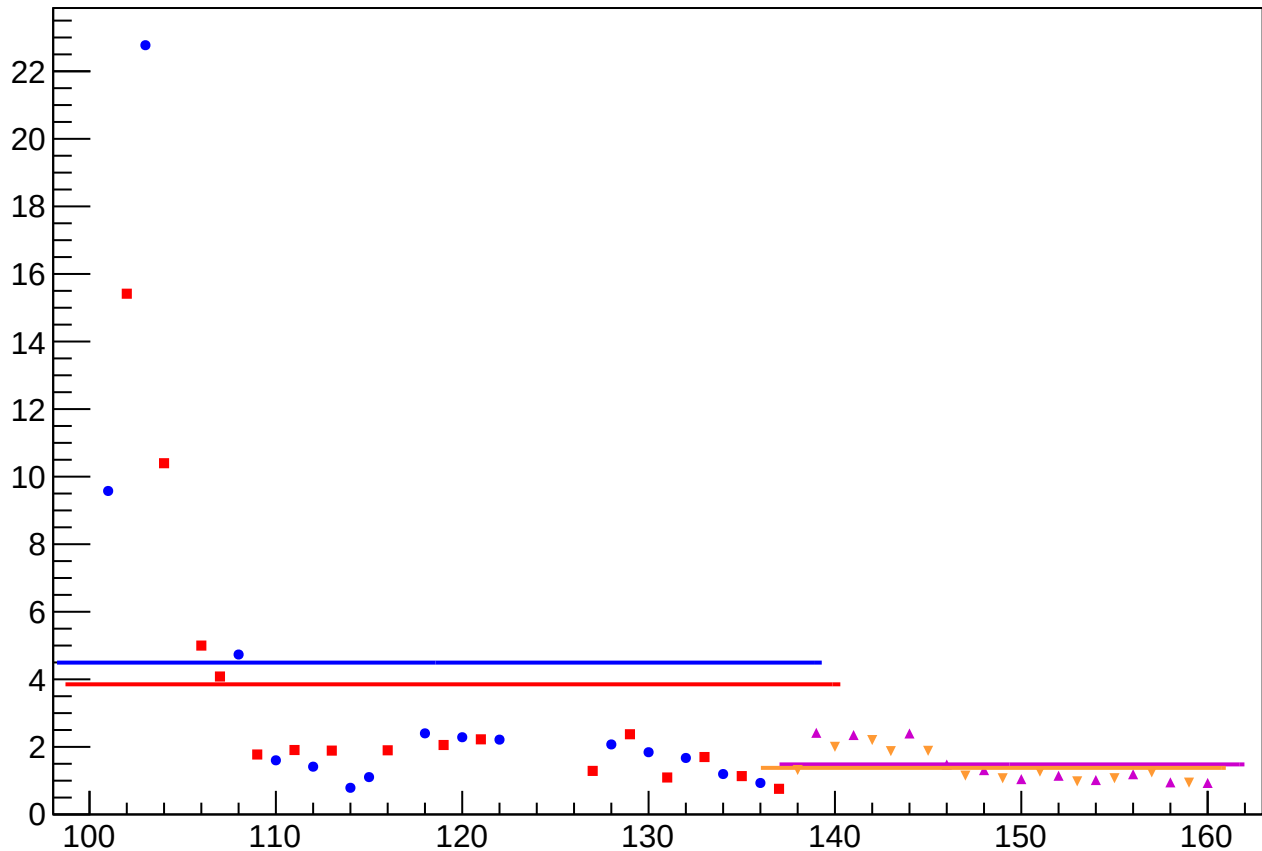
dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000	χ^2/NDF : 5263705922821075971022013849403392.0/14
Left Out: 2.975+/-0.000	χ^2/NDF : 1653073452461549310648226194391040.0/11
Right Out: 2.142+/-0.000	χ^2/NDF : 2472949940993672466161692257026048.0/15
Left In: 3.450+/-0.000	χ^2/NDF : 1551935058842125730993767819771904.0/10

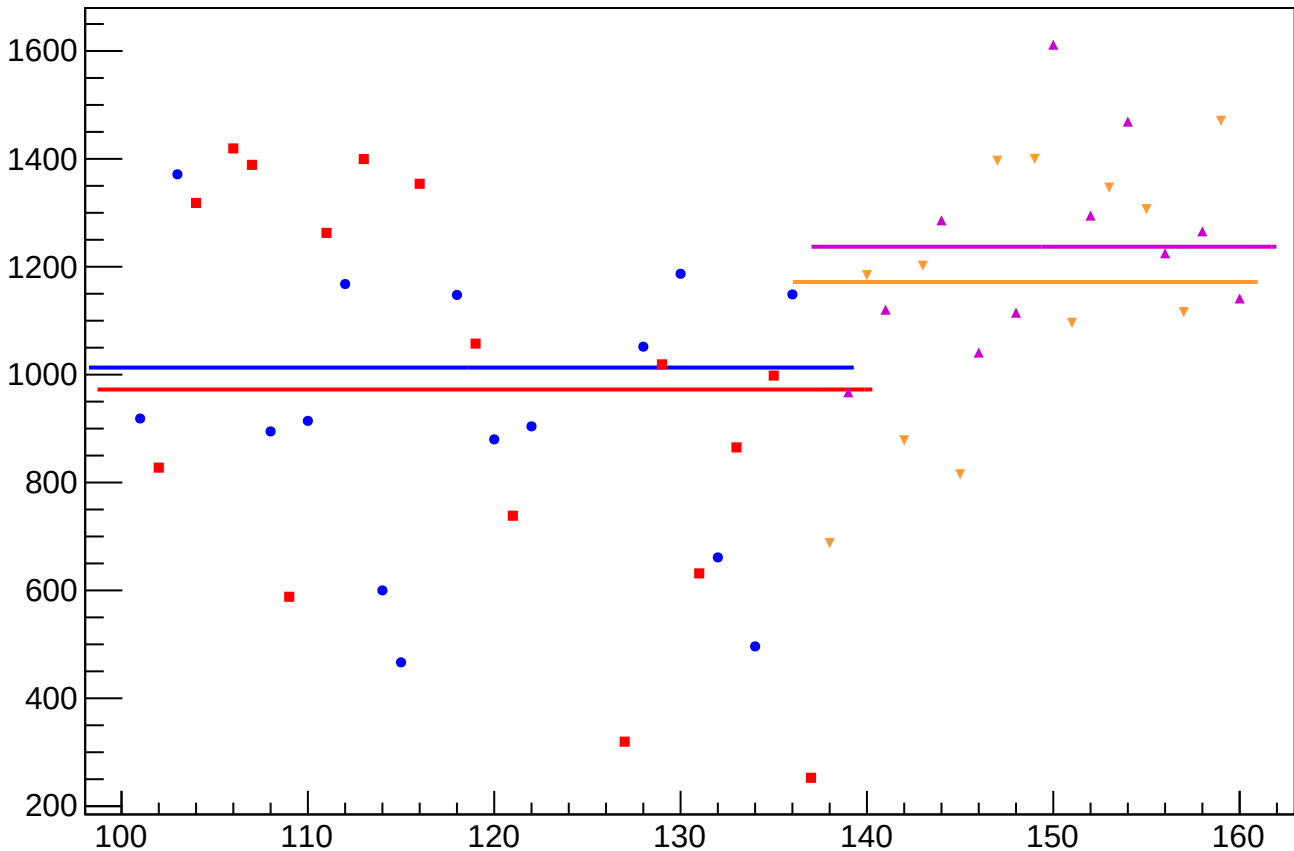
+ sign 2.621+/-0.000 χ^2/NDF : 71926109698373780
 All: 2.763+/-0.000 χ^2/NDF : 11942737584809
 - sign 2.902+/-0.000 χ^2/NDF : 46881653143346508

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14
 Left Out: 1.379 $\pm$ 0.000 χ^2 /NDF: 150384329501224226849656085151744.0/11
 Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15
 Left In: 1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10
 All: 2.573 $\pm$ 0.000 χ^2 /NDF: 43938576112447.0/10
 + sign 2.673 $\pm$ 0.000 χ^2 /NDF: 29105436808146683.0/10
 - sign 2.476 $\pm$ 0.000 χ^2 /NDF: 14802405912641910.0/10

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

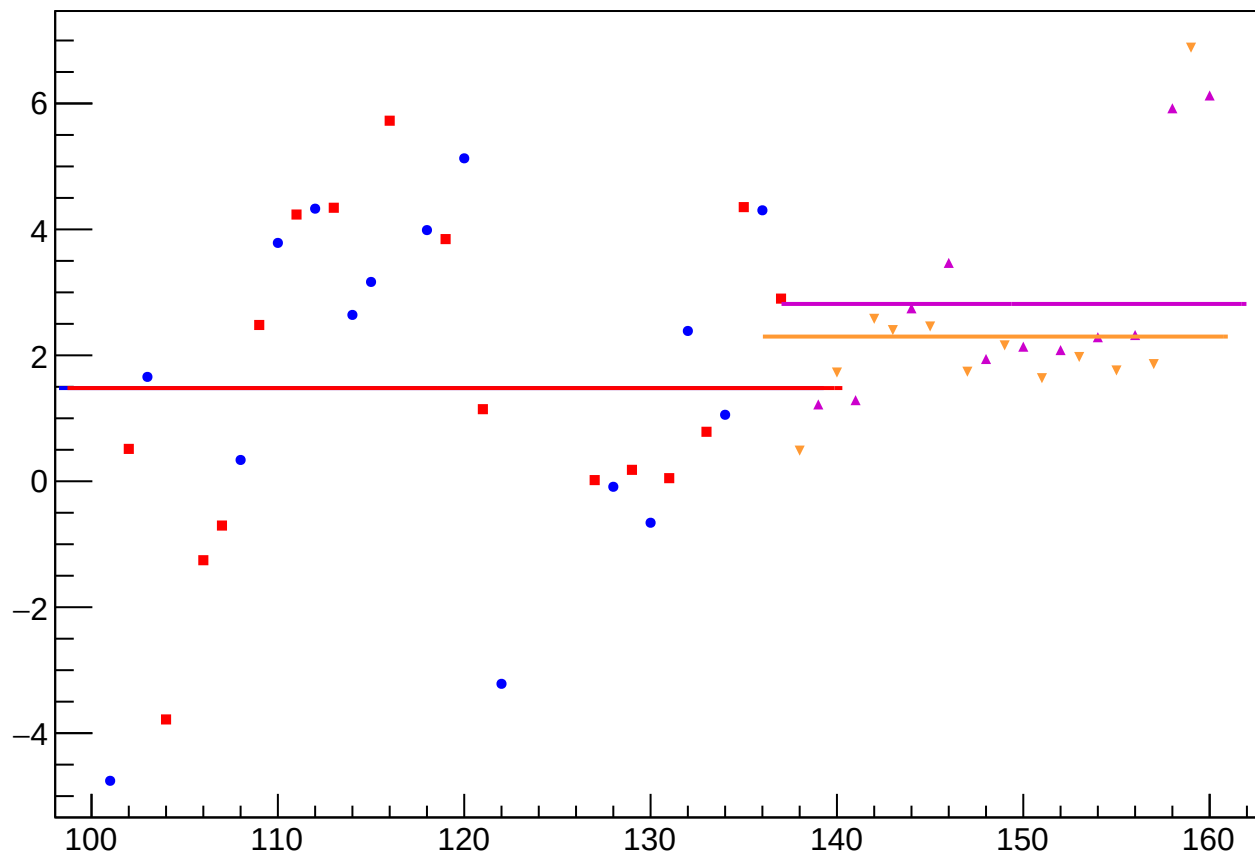
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eX_coil6_mean vs Slug



Right In: 1.480 ± 0.000

χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 2.298 ± 0.000

χ^2/NDF : 2079870991739780462593334803693568.0/11

Right Out: 1.480 ± 0.000

χ^2/NDF : 4092645800613765572662987820367872.0/15

Left In: 2.816 ± 0.000

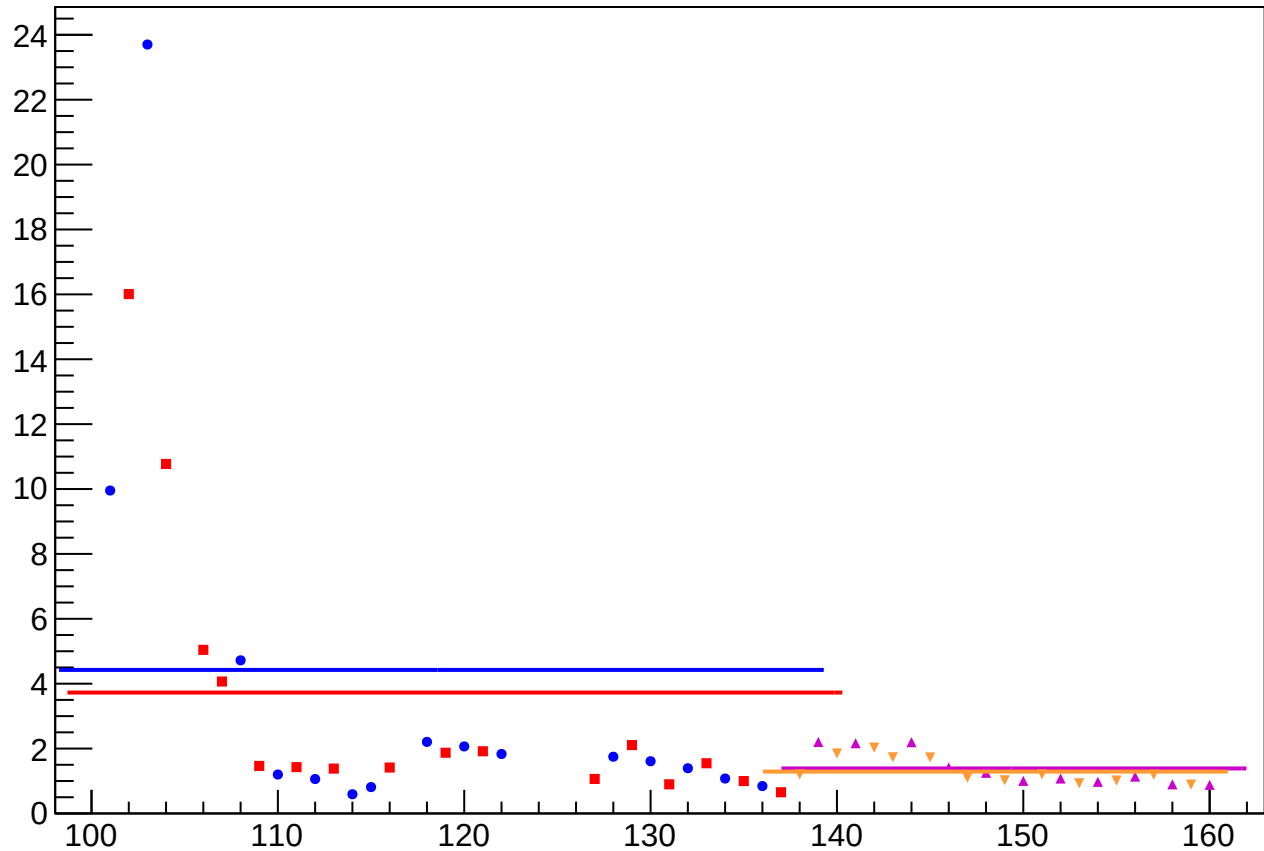
χ^2/NDF : 2230790234579581781884760219451392.0/10

+ sign 1.958 ± 0.000 χ^2/NDF : 81334773001182979

All: 2.109 ± 0.000 χ^2/NDF : 15218379370263

- sign 2.256 ± 0.000 χ^2/NDF : 70149440633078184

dit_4eX_coil6_err_mean vs Slug



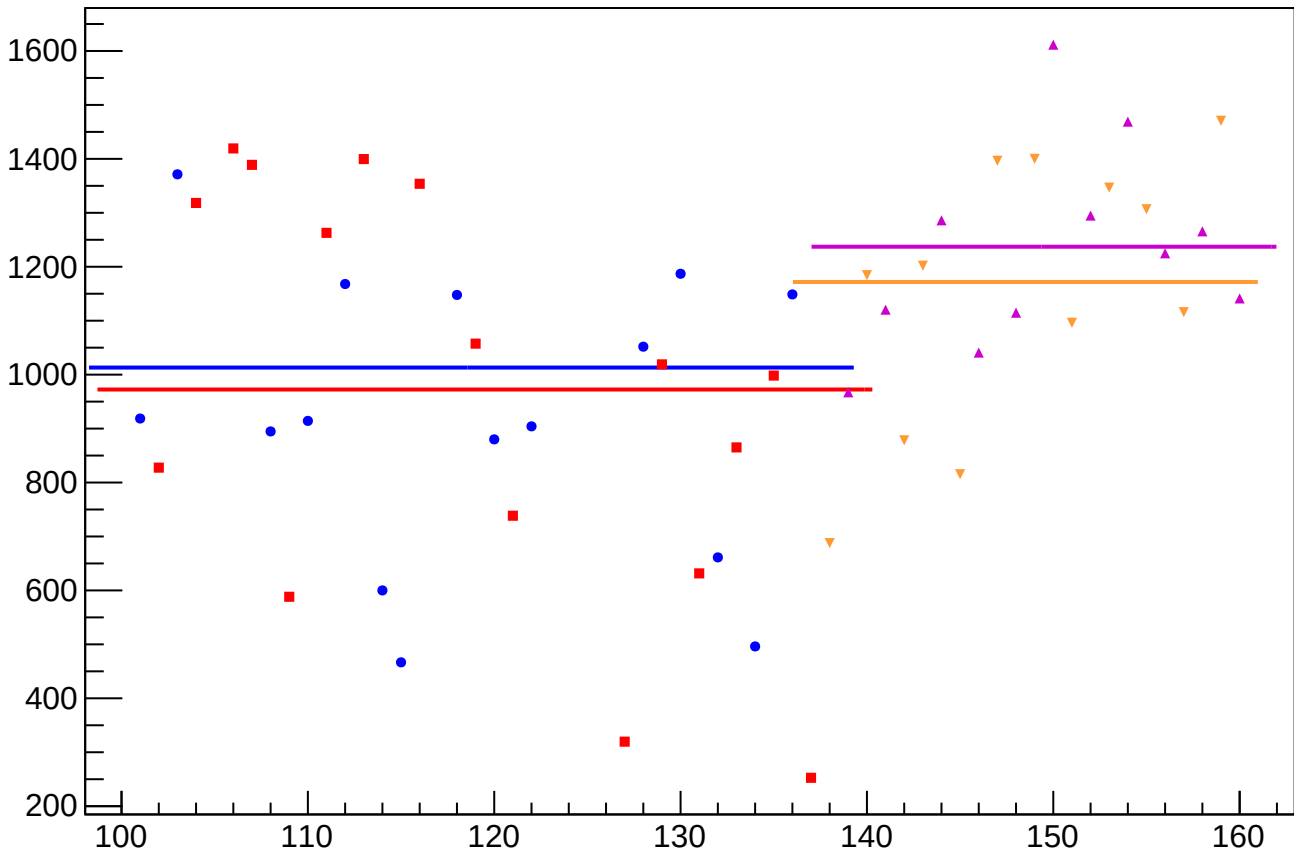
Right In: 4.424+/-0.000	χ^2/NDF : 28257459272876210608839830473277440.0/14
Left Out: 1.291+/-0.000	χ^2/NDF : 119201725618452190917490324275200.0/11
Right Out: 3.727+/-0.000	χ^2/NDF : 13991816814749842519794284853460992.0/15
Left In: 1.387+/-0.000	χ^2/NDF : 245381205913734368947829561360384.0/10

+ sign 2.592+/-0.000 χ^2/NDF : 32103516119977359

All: 2.479+/-0.000 χ^2/NDF : 48501017381547

- sign 2.368+/-0.000 χ^2/NDF : 16358007863357496

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

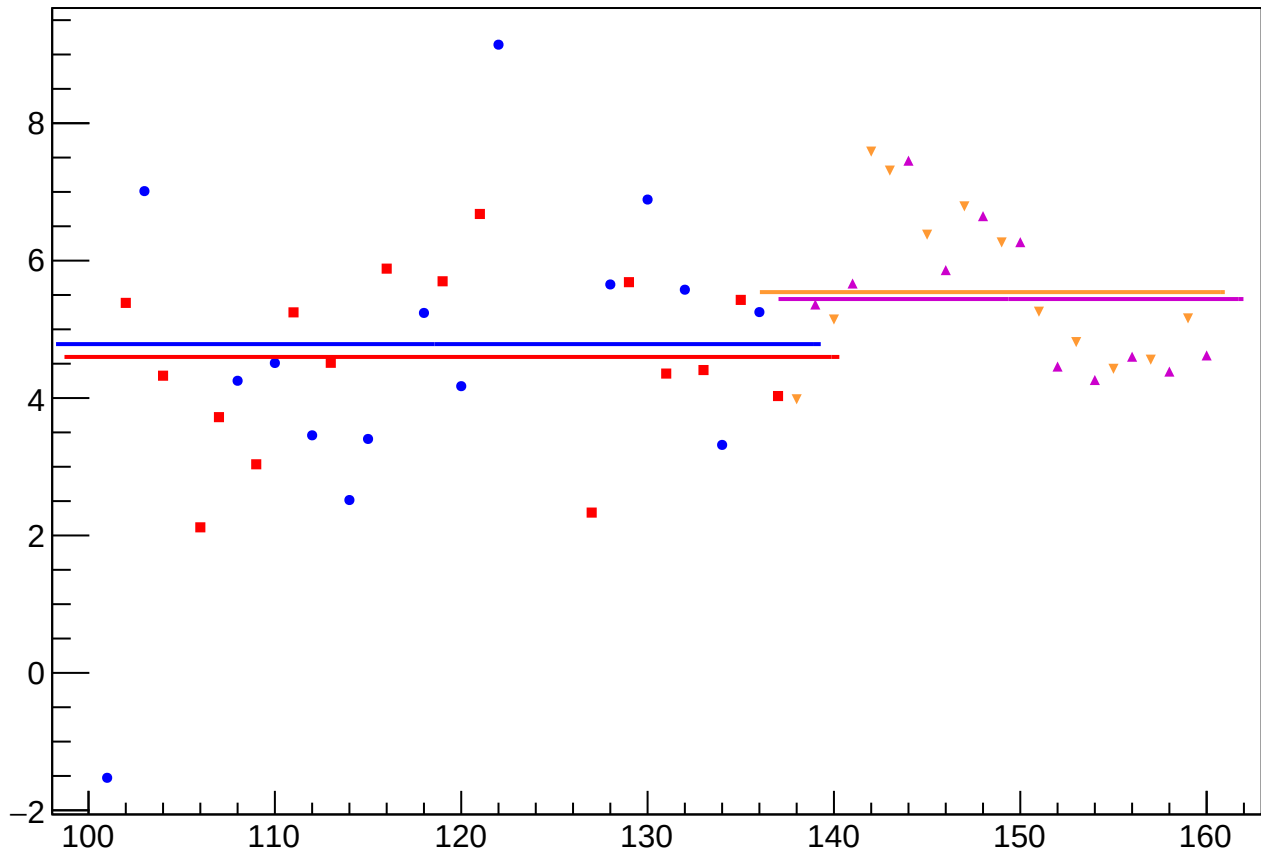
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.542+/-0.000 χ^2/NDF : 1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

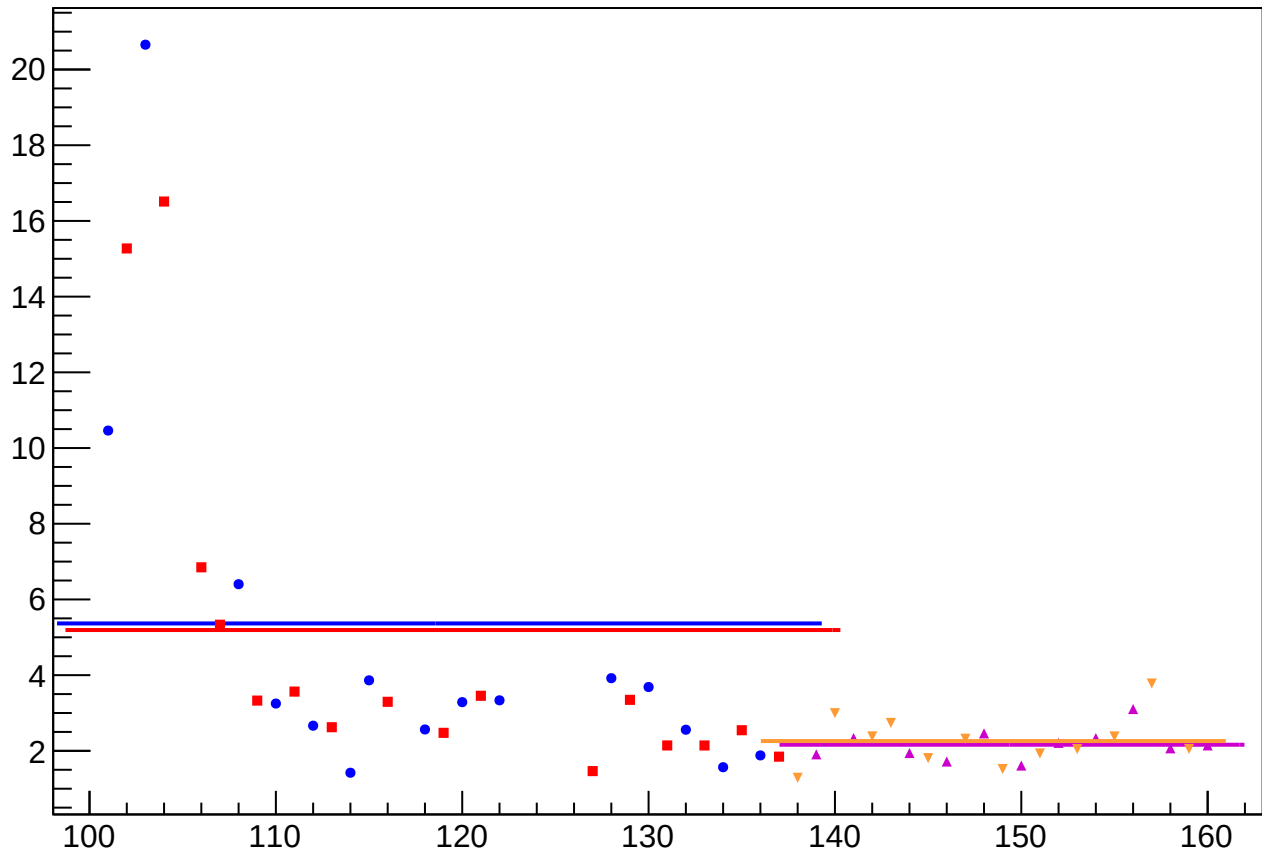
Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

+ sign 5.228+/-0.000 χ^2/NDF : 52775278537093166

All: 5.157+/-0.000 χ^2/NDF : 75267523831807

- sign 5.088+/-0.000 χ^2/NDF : 22337713953374815

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366 $\pm$ 0.000 χ^2 /NDF: 18780724722063497096153009301225472.0/14

Left Out: 2.259 $\pm$ 0.000 χ^2 /NDF: 395399614951959116127821516242944.0/11

Right Out: 5.192 $\pm$ 0.000 χ^2 /NDF: 15749573754945345754432436952891392.0/15

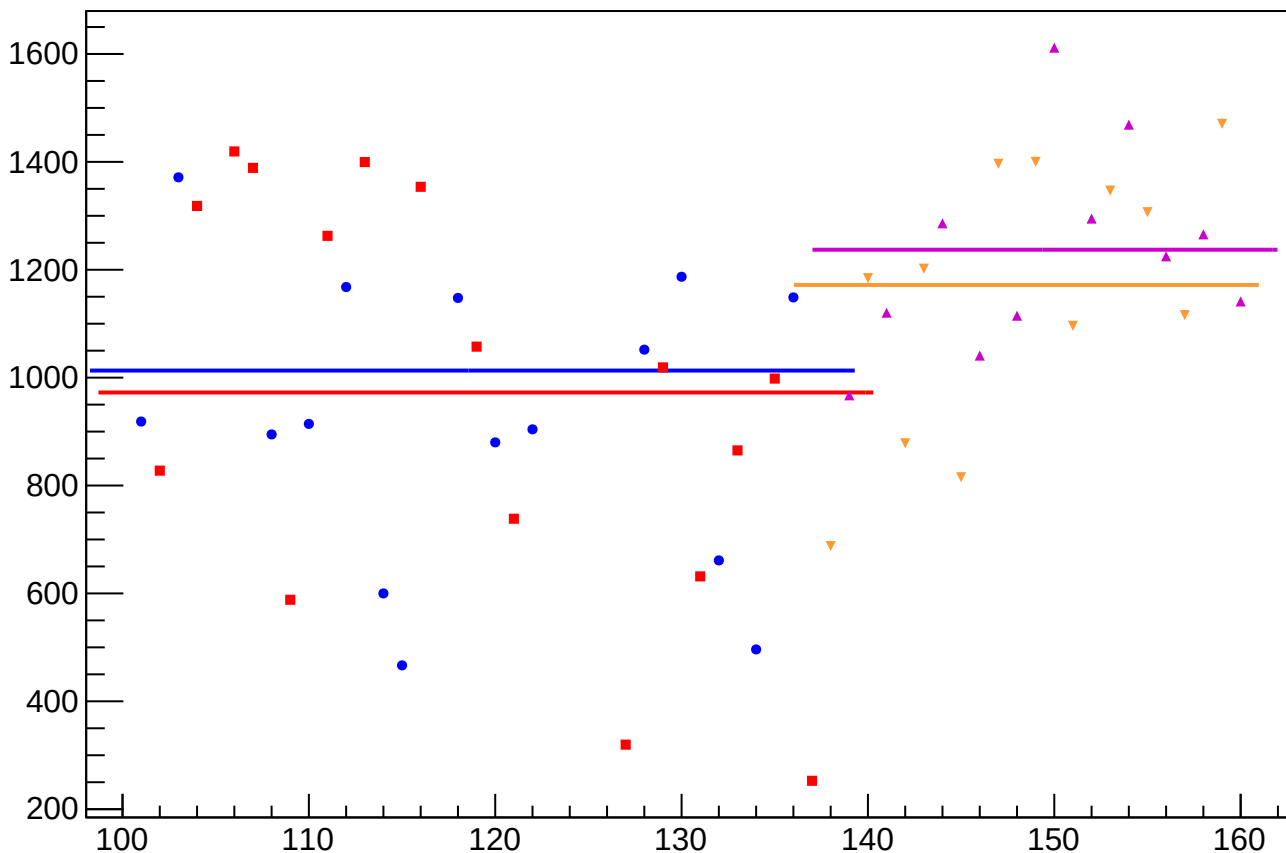
Left In: 2.162 $\pm$ 0.000 χ^2 /NDF: 138367938839103248546751049629696.0/10

+ sign 3.549 $\pm$ 0.000 χ^2 /NDF: 22840324830189286

All: 3.490 $\pm$ 0.000 χ^2 /NDF: 42296939077680

- sign 3.432 $\pm$ 0.000 χ^2 /NDF: 19445829920618957

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

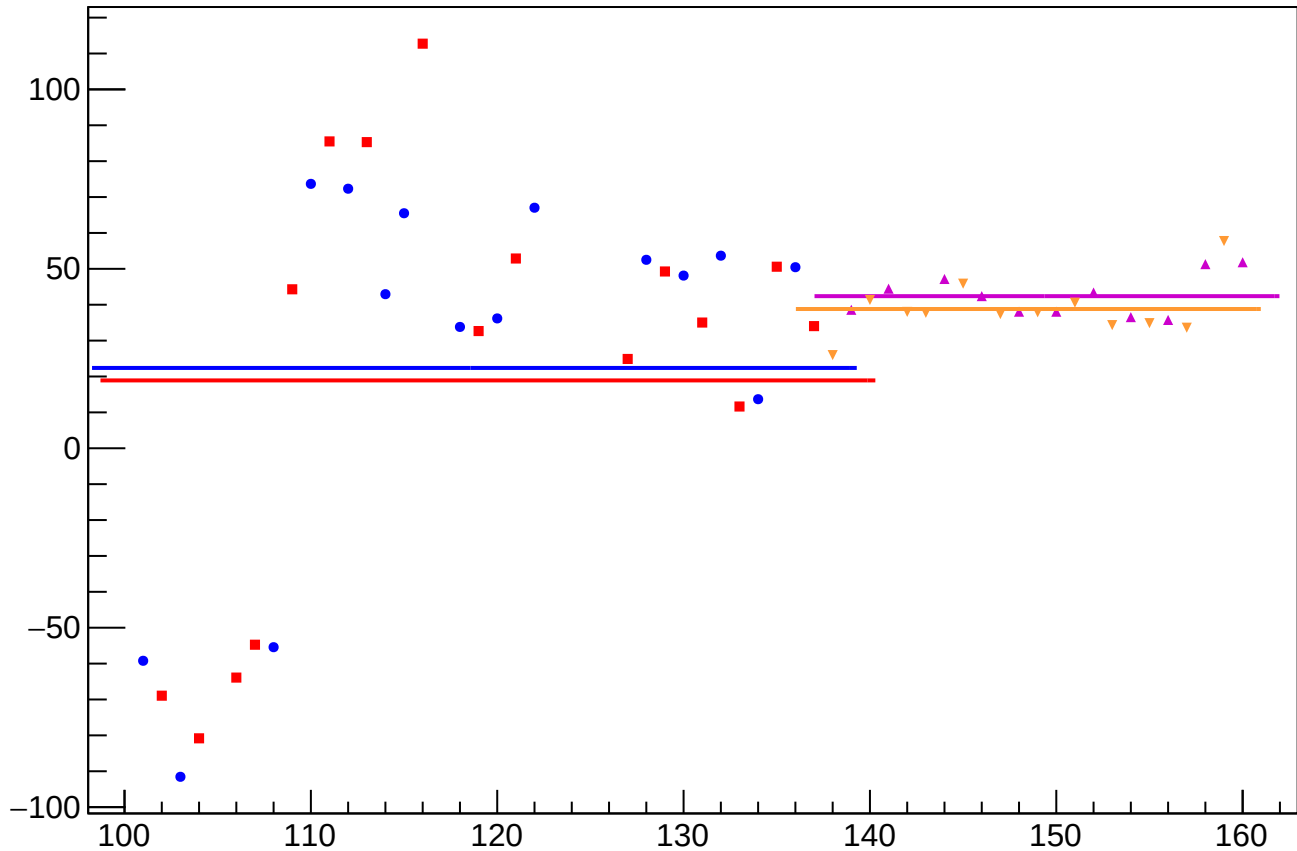
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 38.806+/-0.000 χ^2/NDF : 51649905292188588204172531766132736.0/11

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

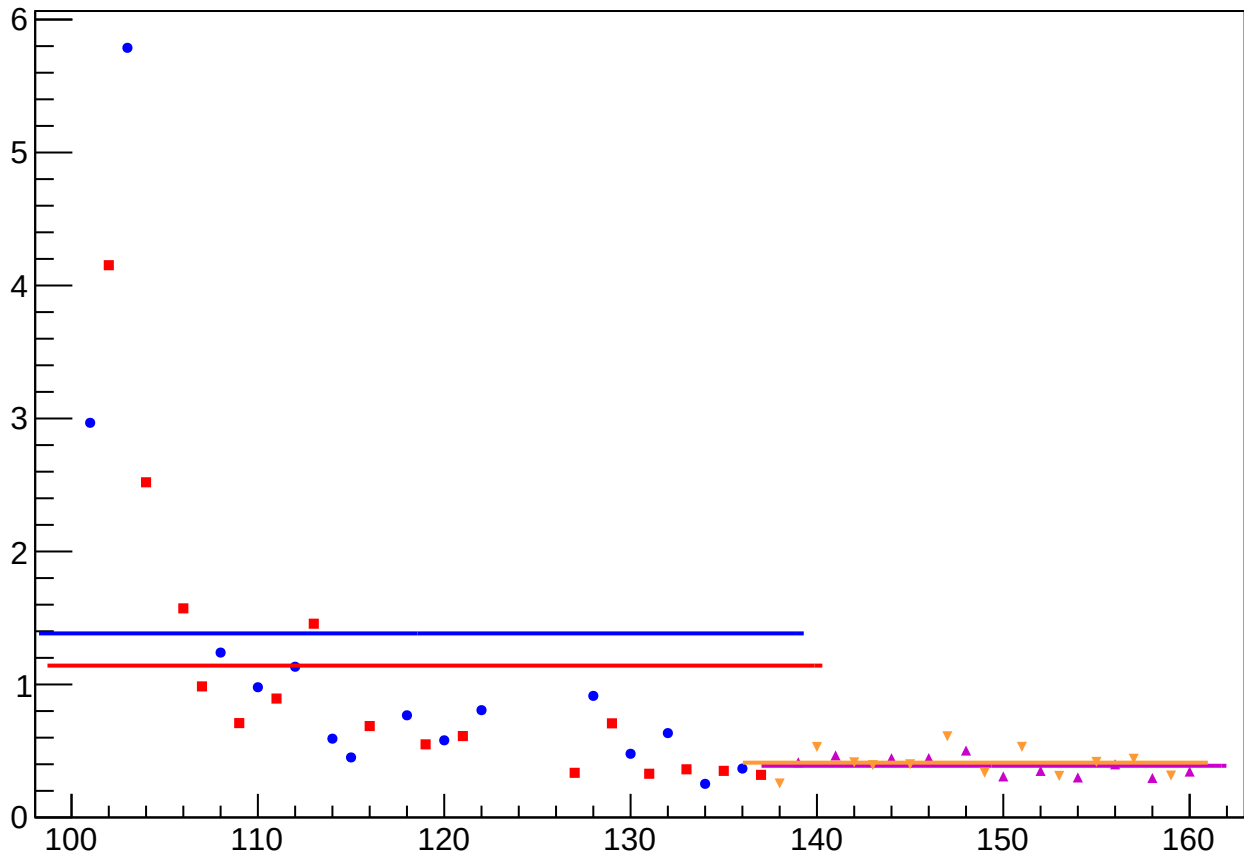
Left In: 42.386+/-0.000 χ^2/NDF : 26555660128562986553016927486214144.0/10

+ sign 31.987+/-0.000 χ^2/NDF : 2076251683338392

All: 32.268+/-0.000 χ^2/NDF : 4498818256205

- sign 32.543+/-0.000 χ^2/NDF : 2422323075583124

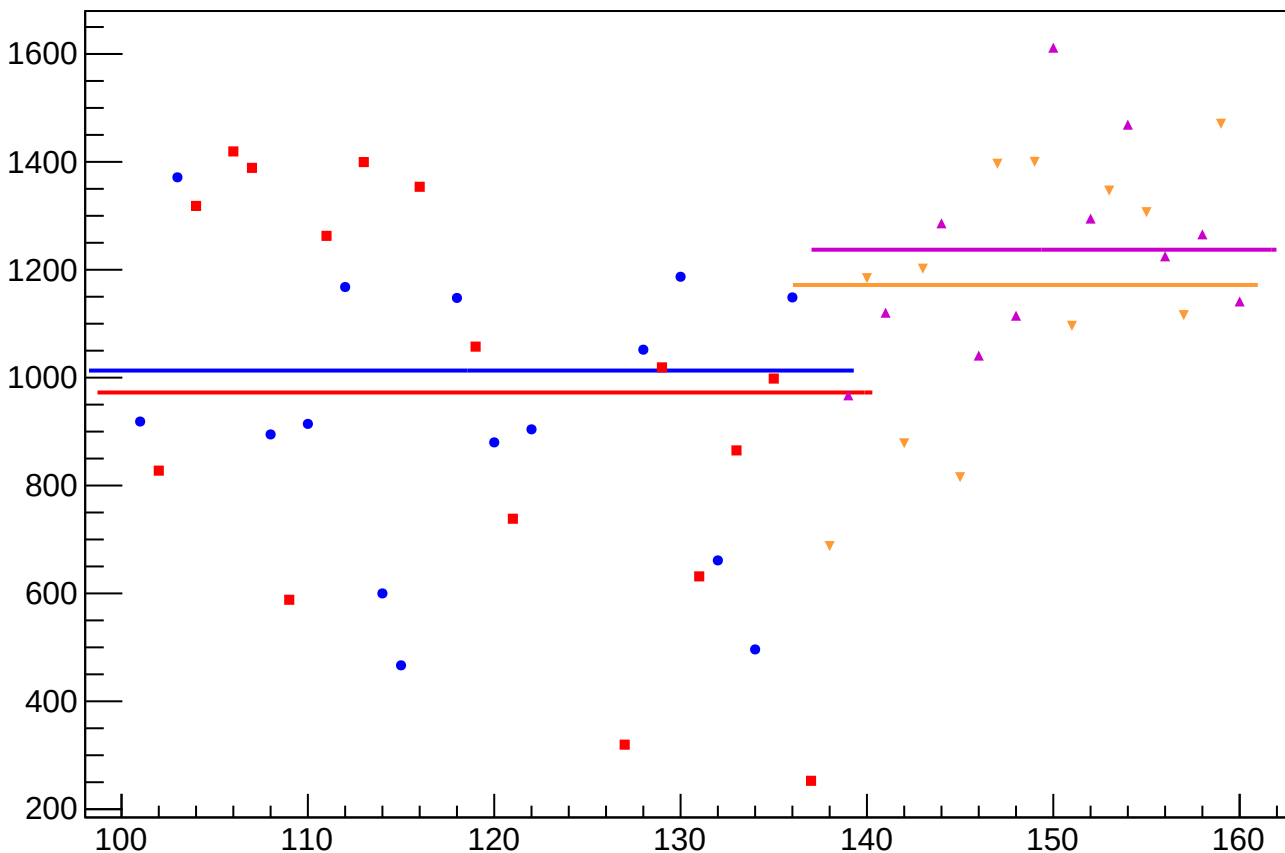
dit_4aY_coil6_err_mean vs Slug



Right In: 1.384 ± 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.412 ± 0.000 χ^2/NDF : 9382414275472018674983467220992.0/11
 Right Out: 1.142 ± 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: 0.389 ± 0.000 χ^2/NDF : 4468112130112640641394154668032.0/10

+ sign 0.816 ± 0.000 χ^2/NDF : 19389895341035378
 All: 0.760 ± 0.000 χ^2/NDF : 2983619505756
 - sign 0.704 ± 0.000 χ^2/NDF : 10348725978885865

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

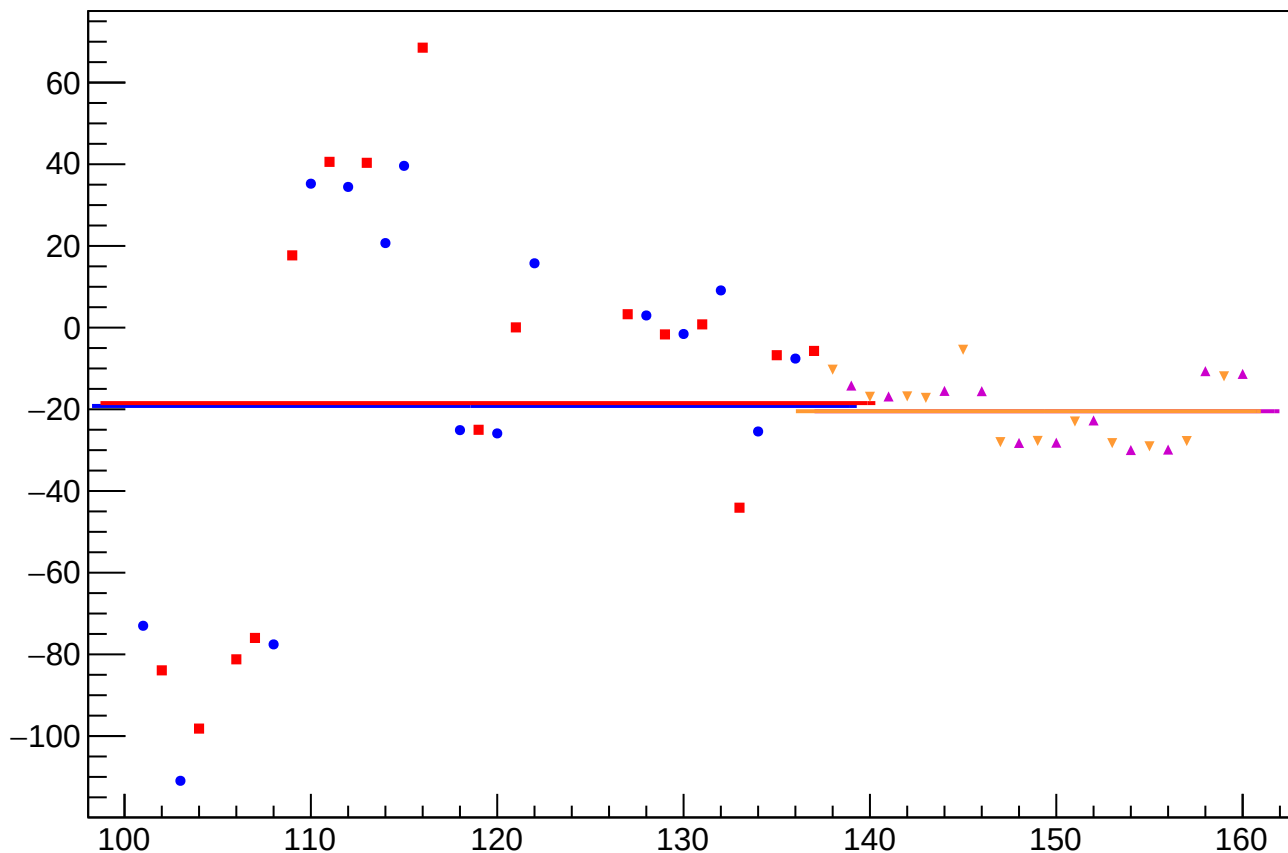
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -20.466 ± 0.000 χ^2/NDF : 58628381923673457294433589512896512.0/11

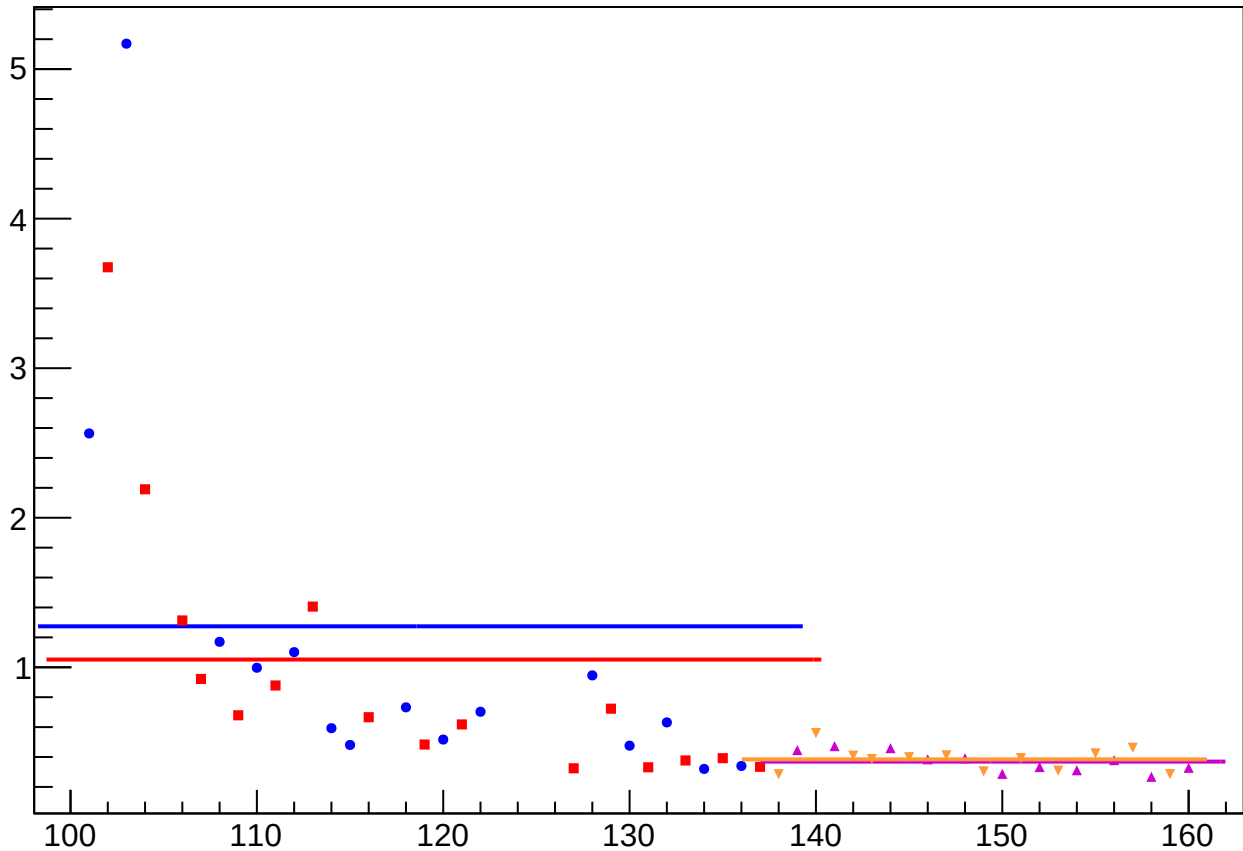
Right Out: -18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

Left In: -20.473 ± 0.000 χ^2/NDF : 48484953363349820110348478937300992.0/10

All: -19.782 ± 0.000 χ^2/NDF : 284511592850

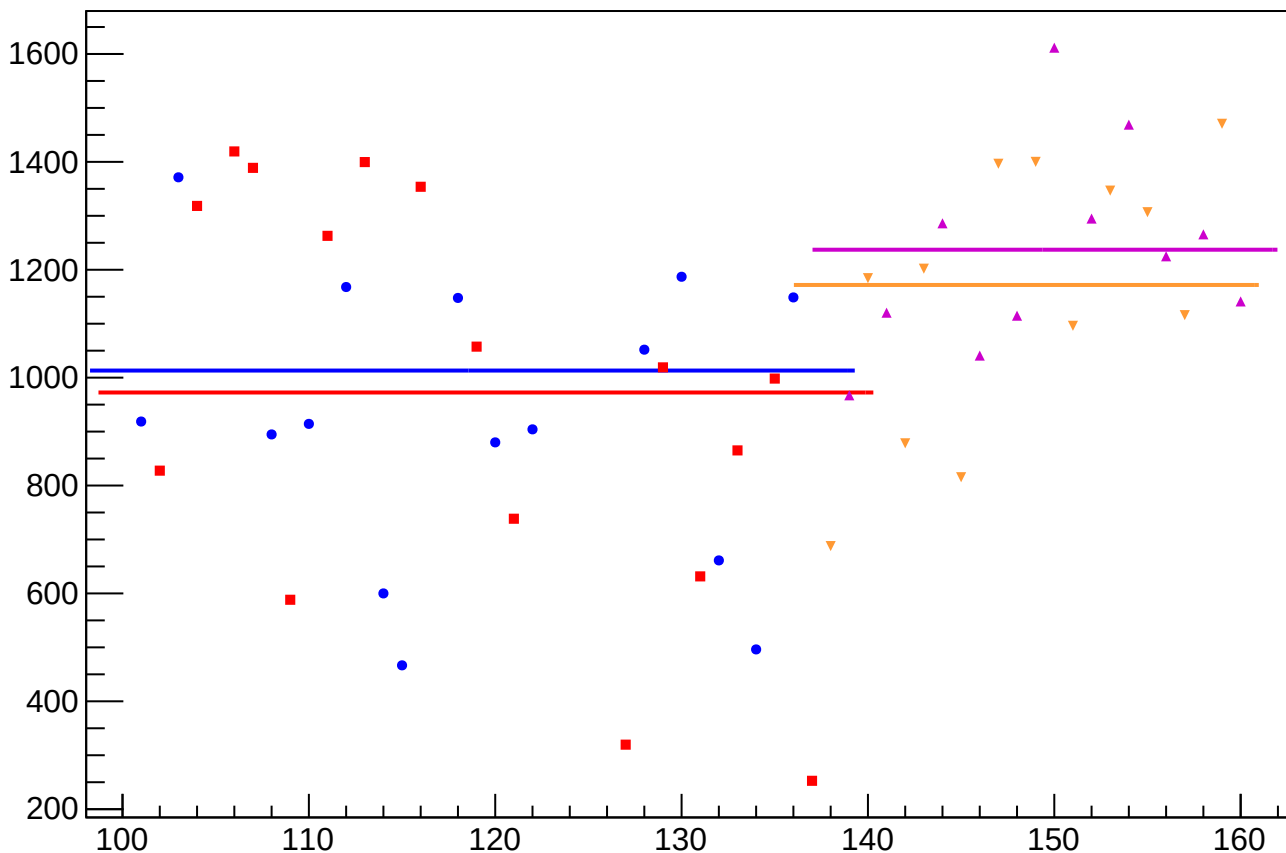
- sign -19.637 ± 0.000 χ^2/NDF : 1539423306551337

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.384 ± 0.000 χ^2/NDF : 5822322029078598268260129439744.0/11
 Right Out: 1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: 0.369 ± 0.000 χ^2/NDF : 4166350638848138676707816112128.0/10

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

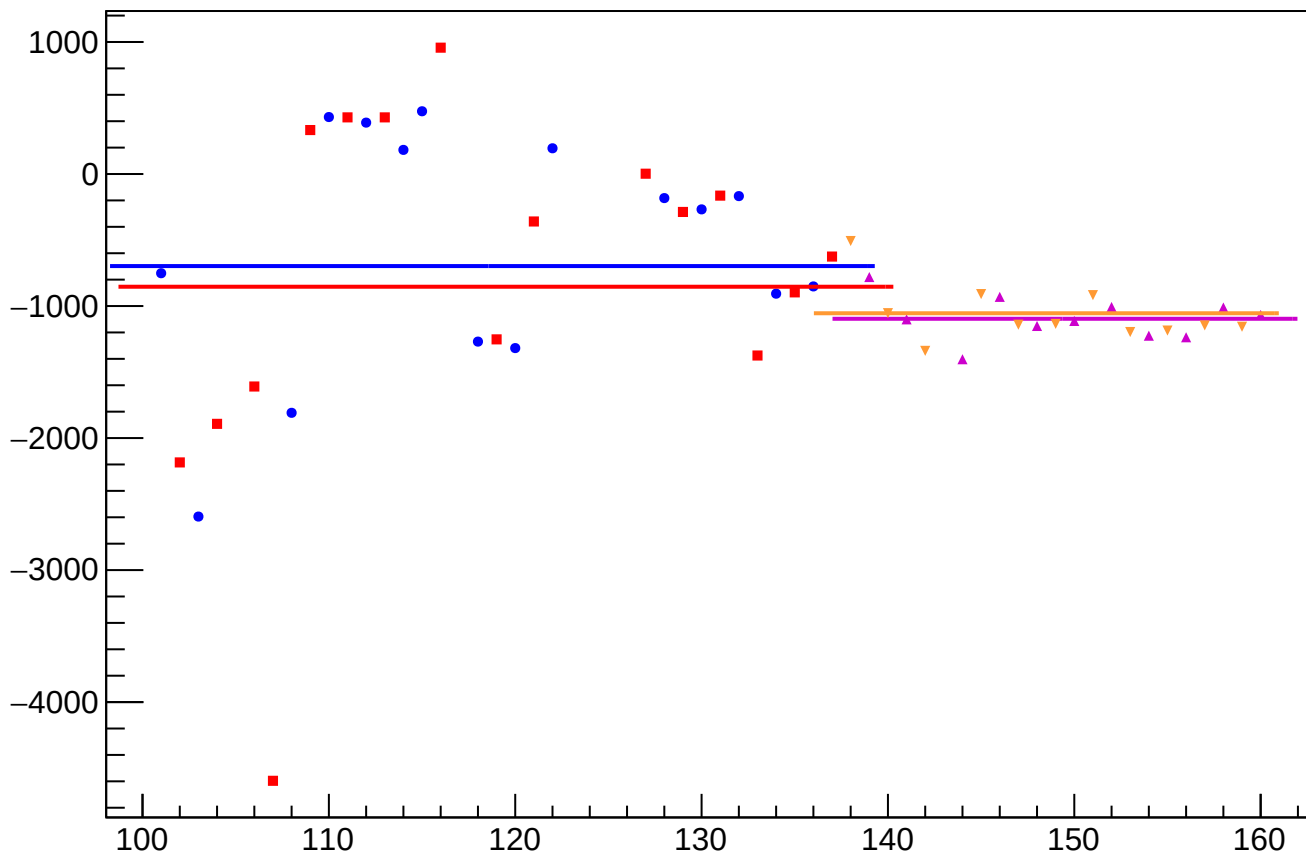
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_usl_coil6_mean vs Slug



Right In: -697.283 ± 0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14

Left Out: -1054.675 ± 0.000 χ^2/NDF : 35893414561751289831028004535805149184.0/10

Right Out: -853.734 ± 0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15

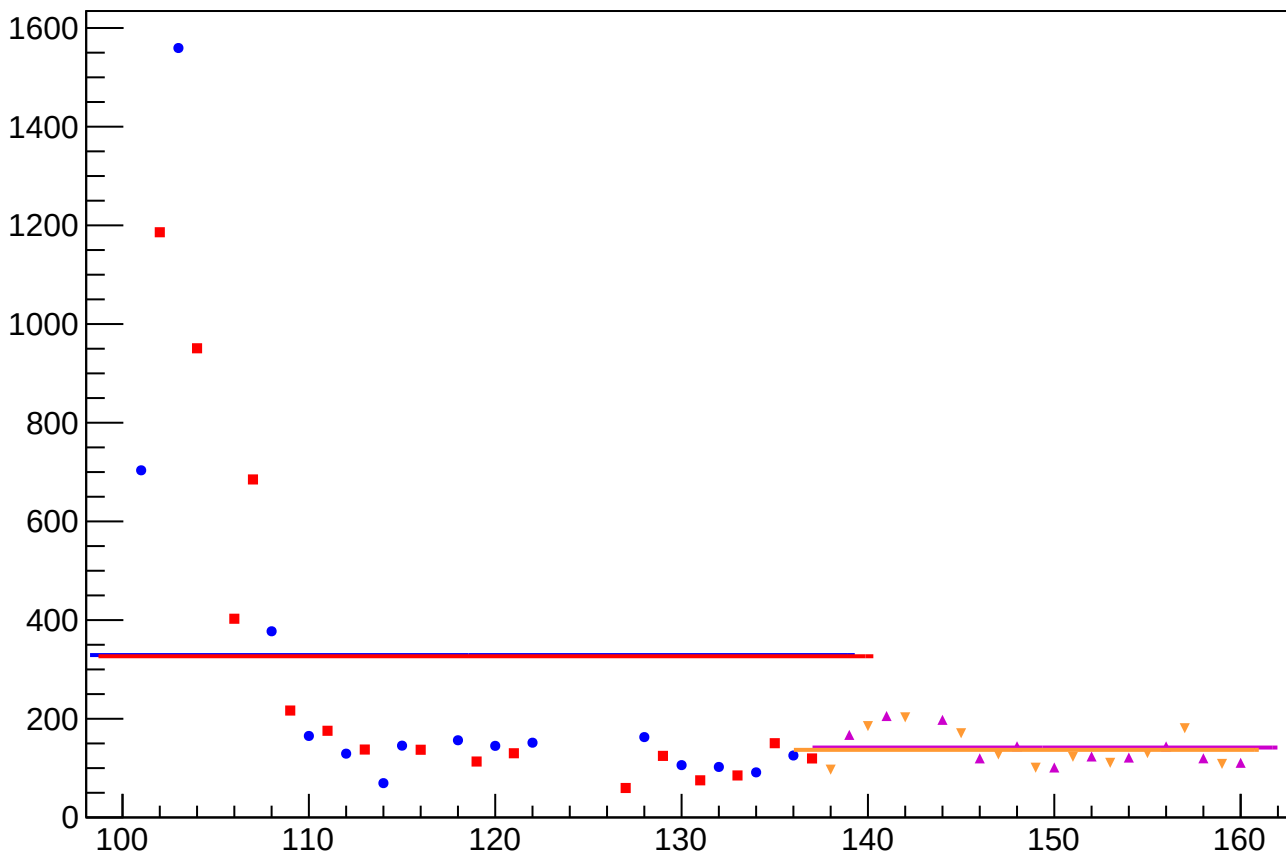
Left In: -1096.508 ± 0.000 χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ sign -899.630 ± 0.000 χ^2/NDF : 57326318903301

All: -948.643 ± 0.000 χ^2/NDF : 17048438468

- sign -994.729 ± 0.000 χ^2/NDF : 112460764695899

dit_usl_coil6_err_mean vs Slug



Right In: 329.108 $\pm$ 0.000 χ^2 /NDF: 116863820700538623524207945698672377856.0/14

Left Out: 137.012 $\pm$ 0.000 χ^2 /NDF: 1014362817438194132709655172622581760.0/10

Right Out: 326.695 $\pm$ 0.000 χ^2 /NDF: 87569123354318020688611028415151079424.0/15

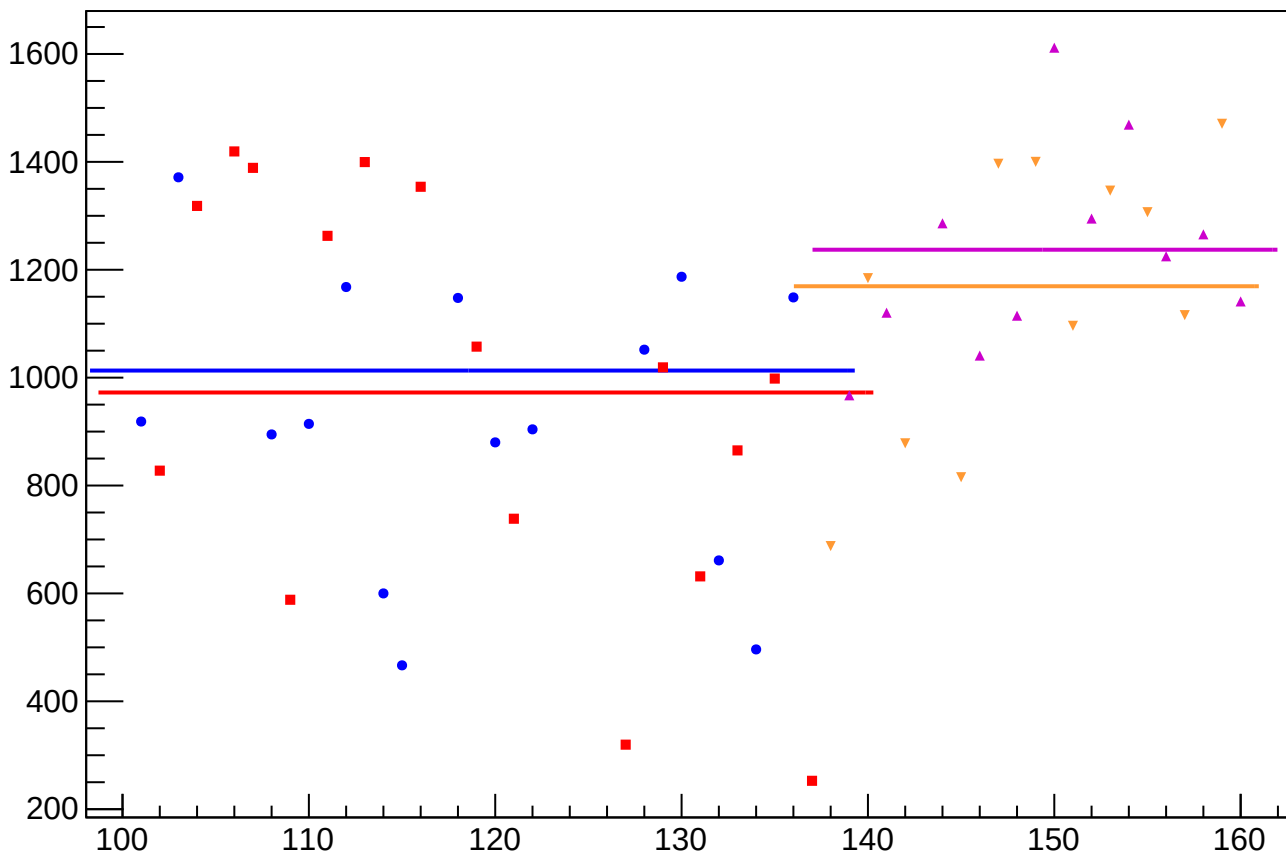
Left In: 141.688 $\pm$ 0.000 χ^2 /NDF: 1044882408057849194081424130600599552.0/10

+ sign 220.348 $\pm$ 0.000 χ^2 /NDF: 131437286987264

All: 219.782 $\pm$ 0.000 χ^2 /NDF: 233310972456

- sign 219.249 $\pm$ 0.000 χ^2 /NDF: 101872754009430

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1169.420+/-0.000

χ^2/NDF : 52359058528484212152975817930553950208.0/10

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1237.150+/-0.000

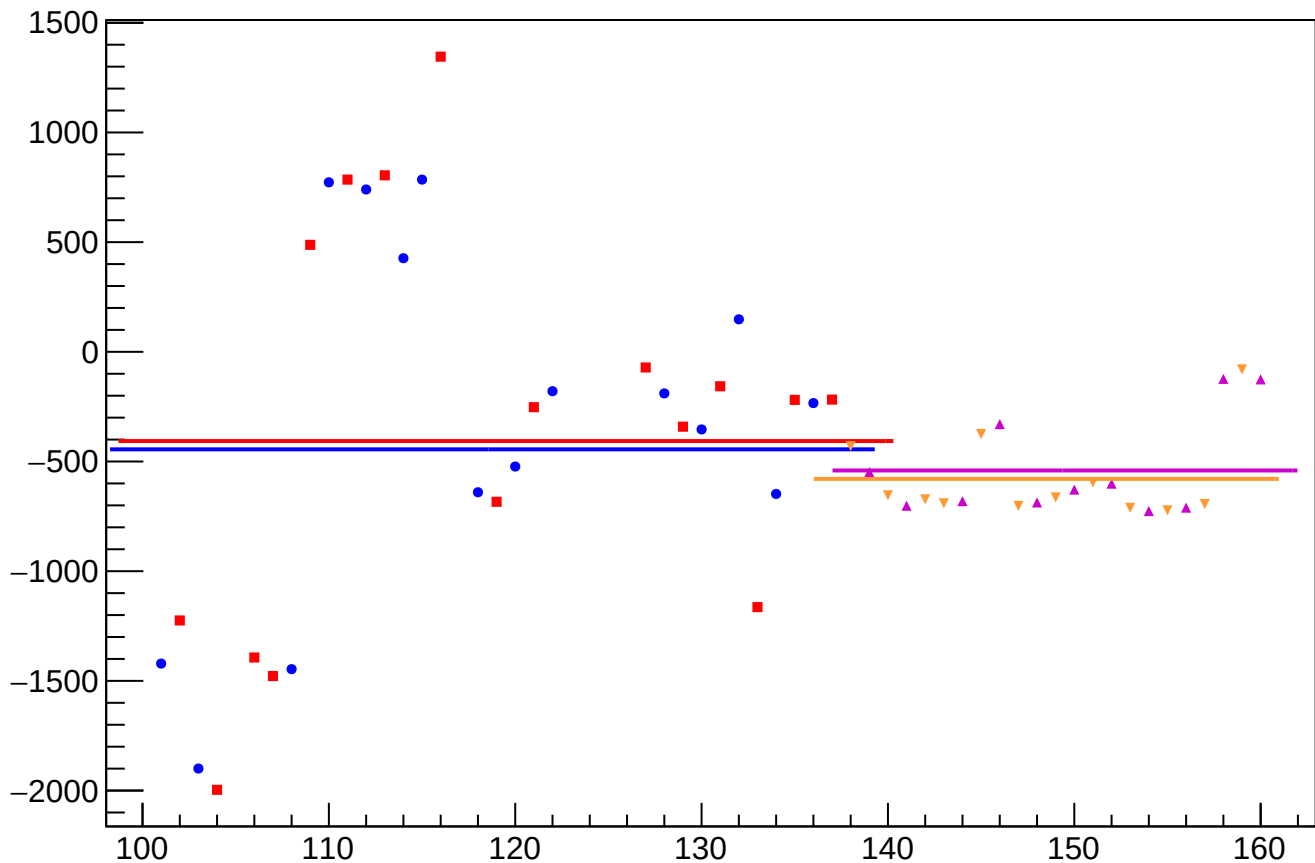
χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1101.625+/-0.000 χ^2/NDF : 93053988598295

All: 1114.283+/-0.000 χ^2/NDF : 22986564555

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14

+ sign -523.316+/-0.000 χ^2/NDF : 43595864947593

Left Out: -579.272+/-0.000 χ^2/NDF : 32584581524528860941595597407042666496.0/11

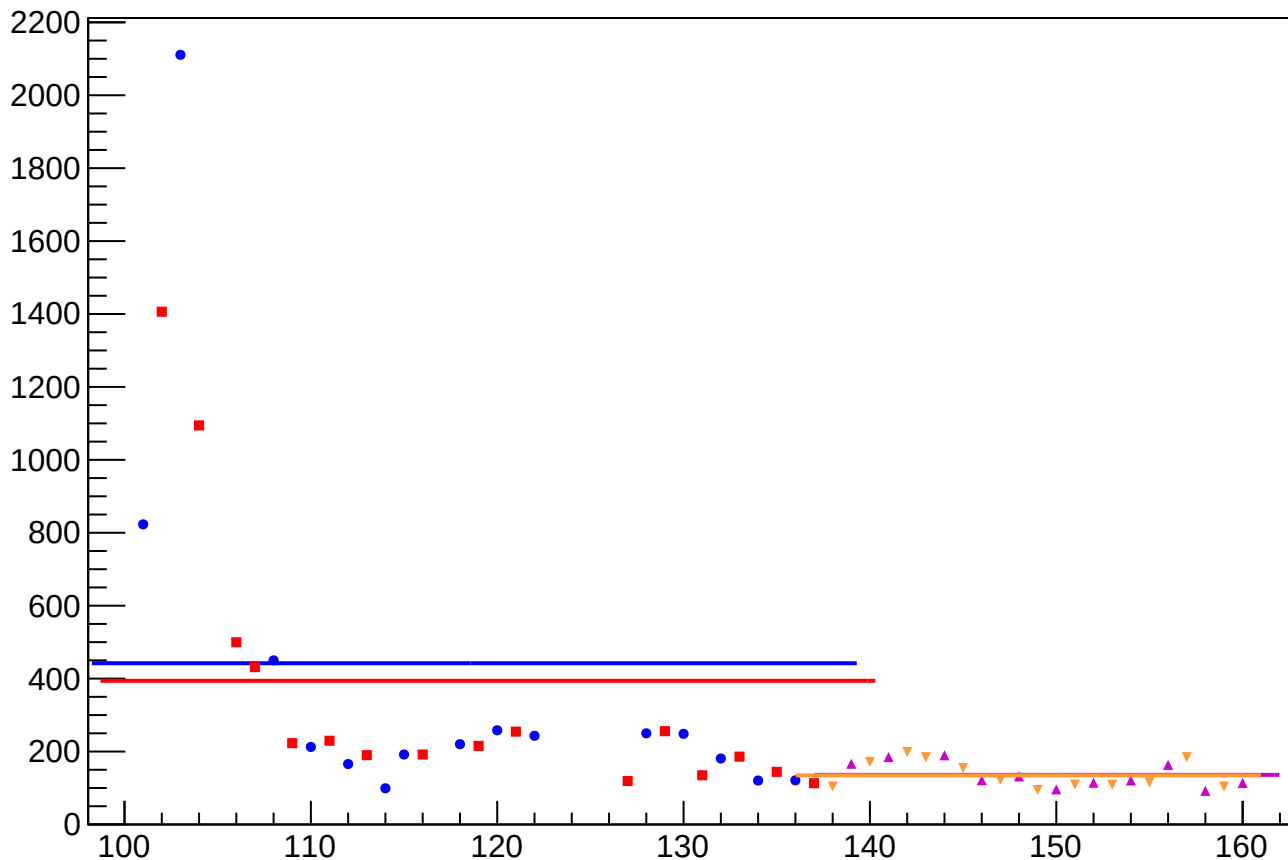
All: -503.795+/-0.000 χ^2/NDF : 10158993354

Right Out: -406.729+/-0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15

- sign -484.617+/-0.000 χ^2/NDF : 578759927131057

Left In: -540.842+/-0.000 χ^2/NDF : 42670193317497817911030367466366697472.0/10

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562+/-0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

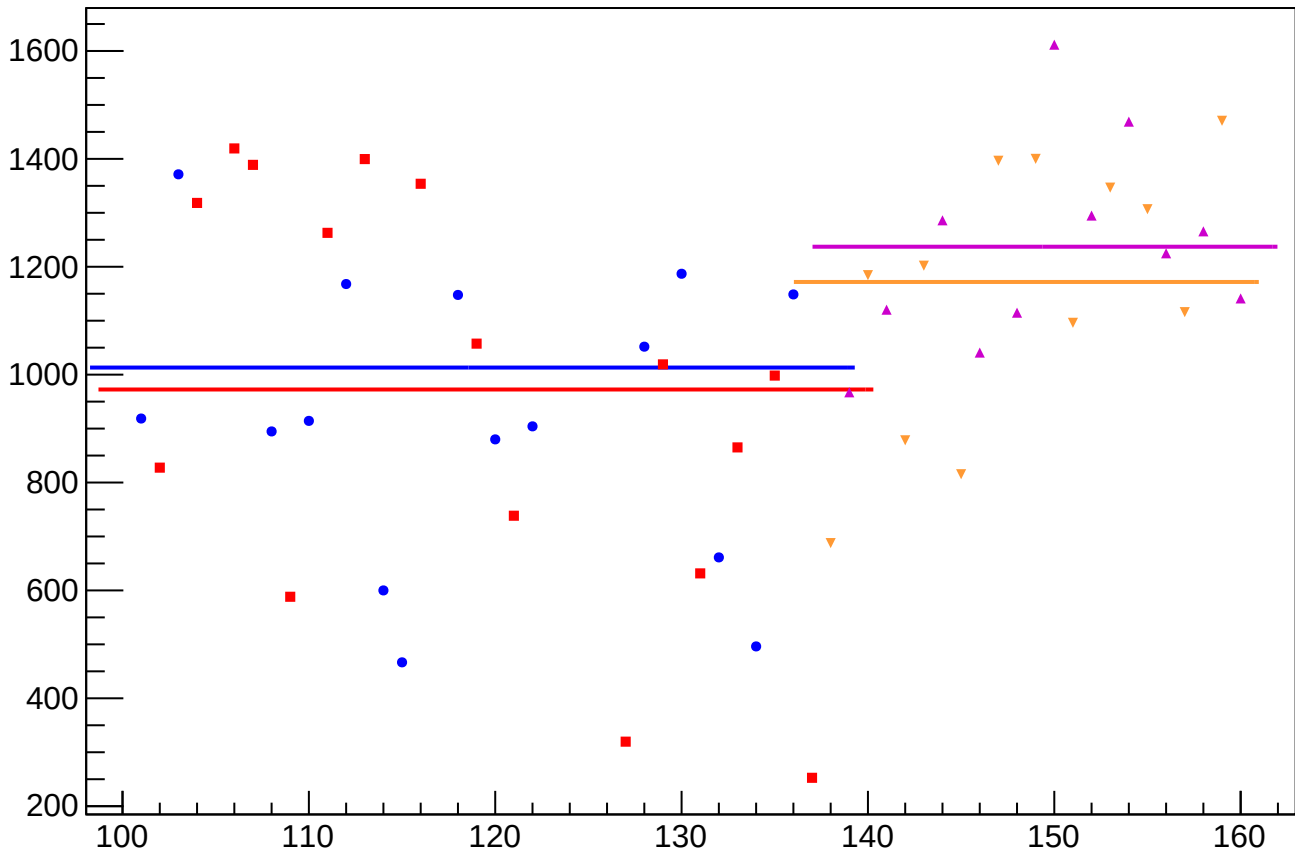
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286+/-0.000 χ^2/NDF : 241048188566854

All: 253.162+/-0.000 χ^2/NDF : 37398353308

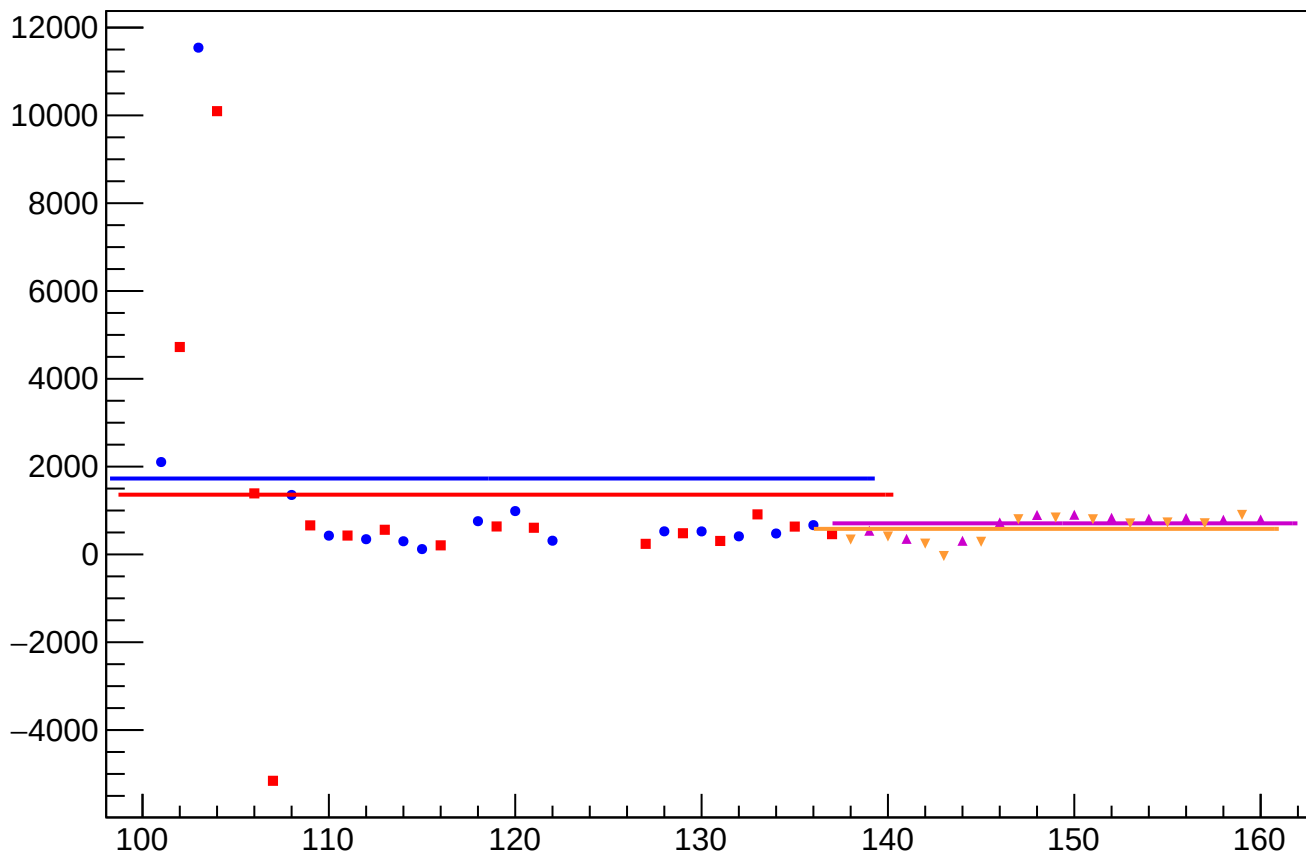
- sign 244.199+/-0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



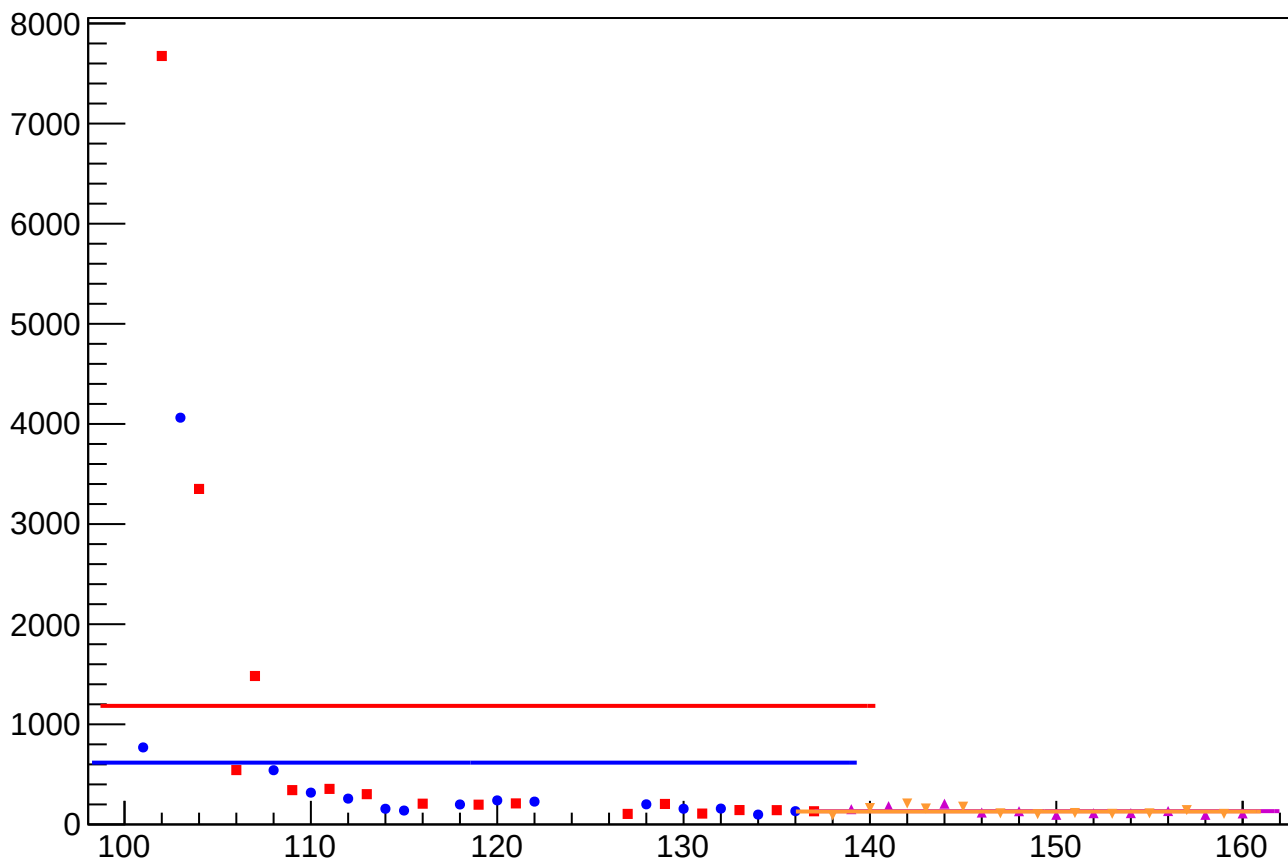
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 582.152+/-0.000 χ^2/NDF : 70083772647831486125732989768801714176.0/11
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889+/-0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10
 All: 1019.669+/-0.000 χ^2/NDF : 13621932895
 + sign 1058.360+/-0.000 χ^2/NDF : 69823808255157
 - sign 981.659+/-0.000 χ^2/NDF : 663491357929352

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

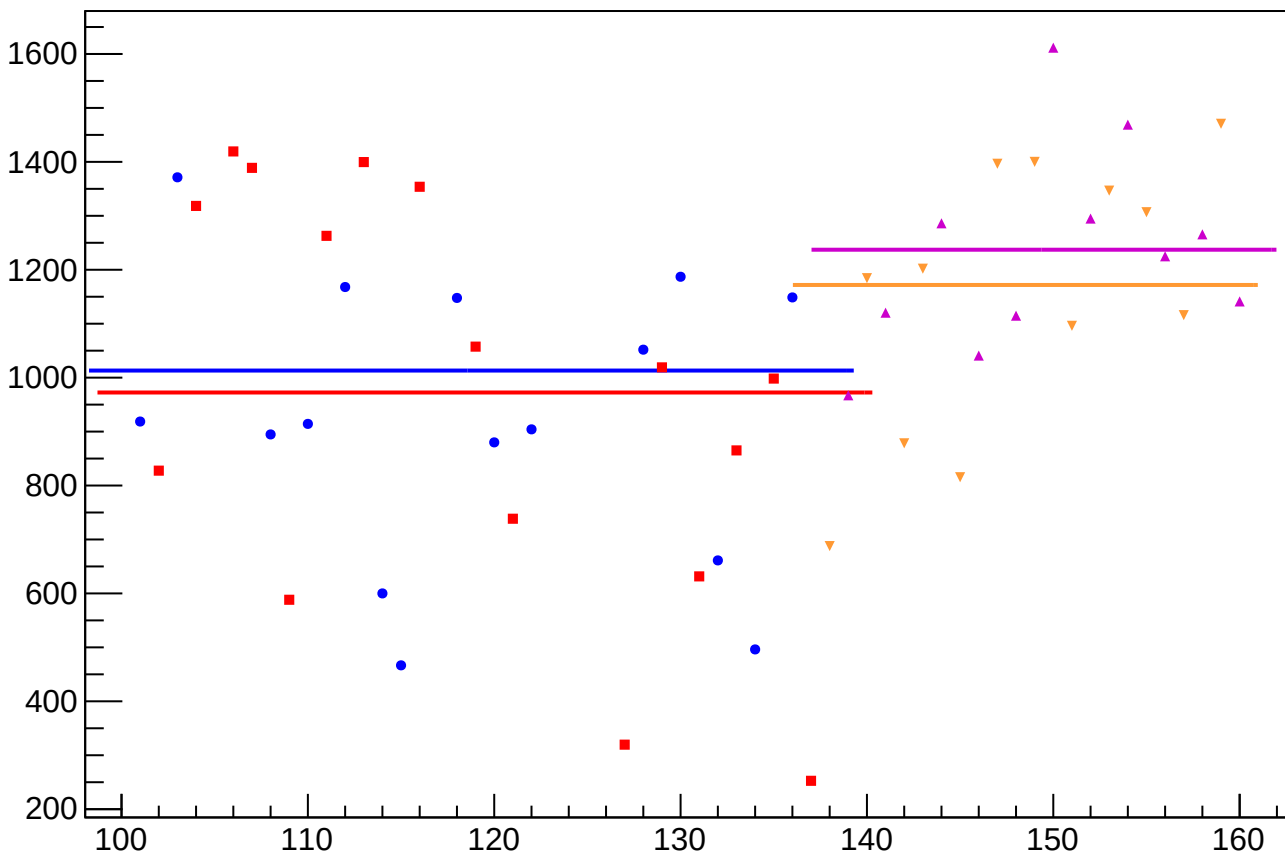
Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

All: 453.895+/-0.000 χ^2/NDF : 452656903212

- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

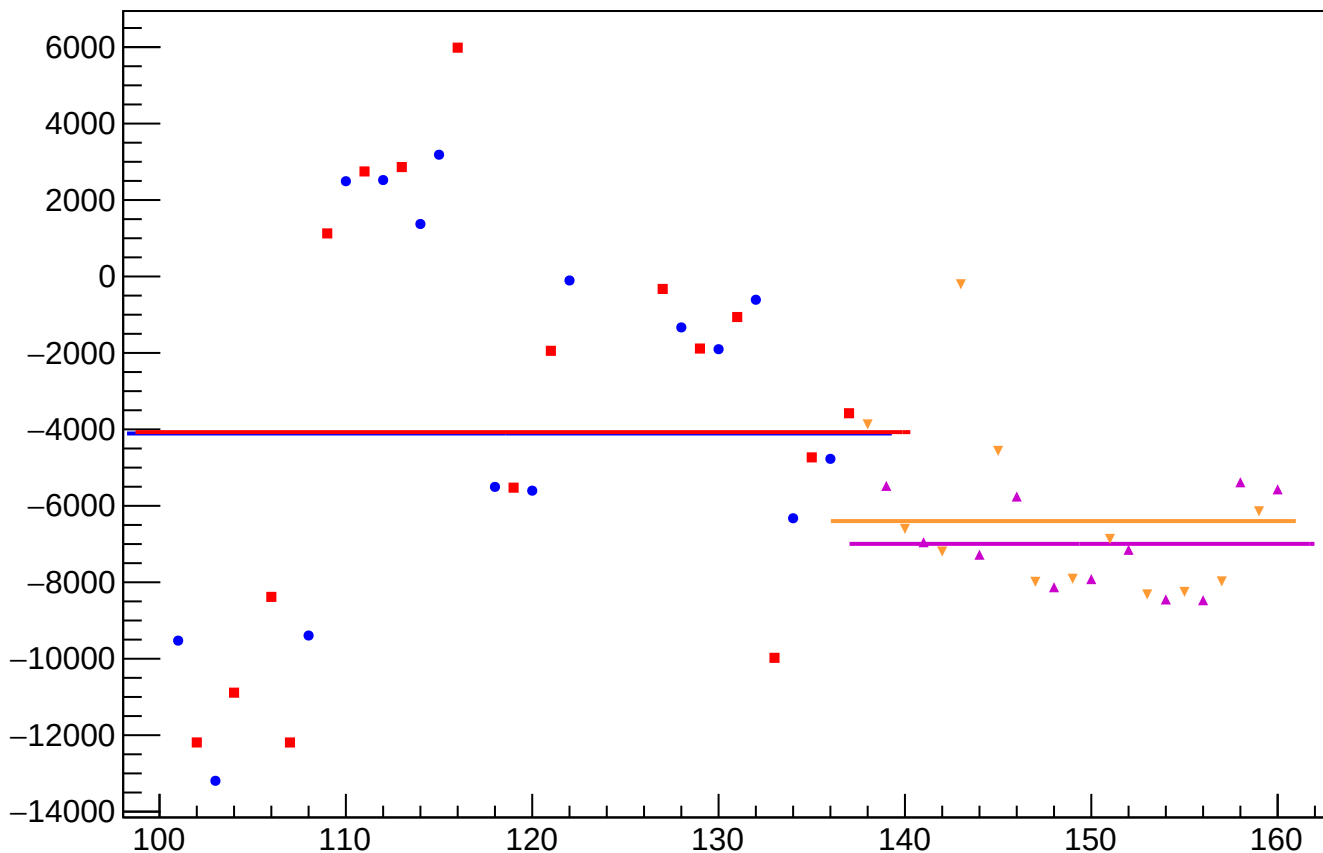
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

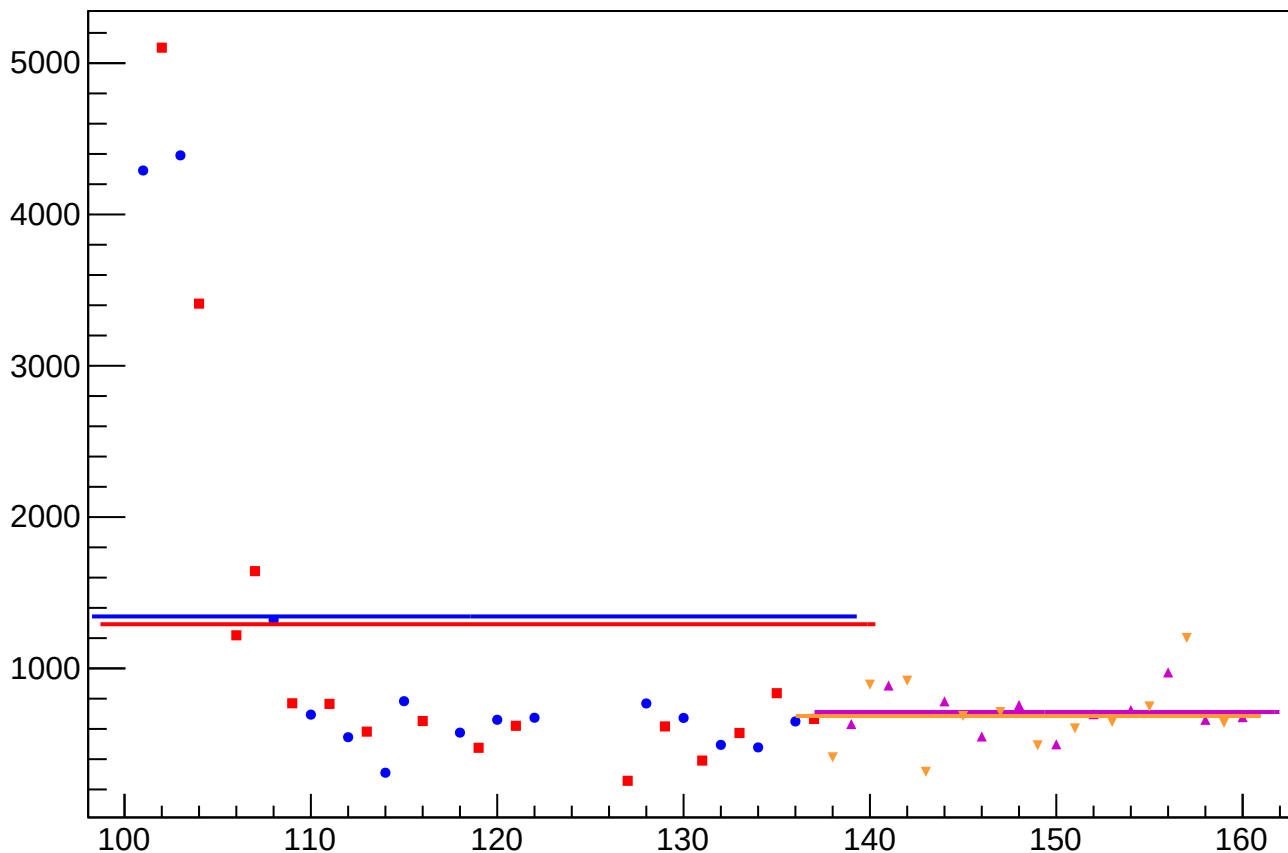
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -6398.906+/-0.000 χ^2/NDF : 4560292812943761149136938286094472970240.0/11
 Right Out: -4072.120+/-0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: -6994.812+/-0.000 χ^2/NDF : 1231738289385705389055875270097690951680.0/10
 All: -5609.905+/-0.000 χ^2/NDF : 4607018672
 + sign -5447.429+/-0.000 χ^2/NDF : 2108050211497
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14

Left Out: 685.307+/-0.000 χ^2/NDF : 46333249080985813233742212153458294784.0/11

Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15

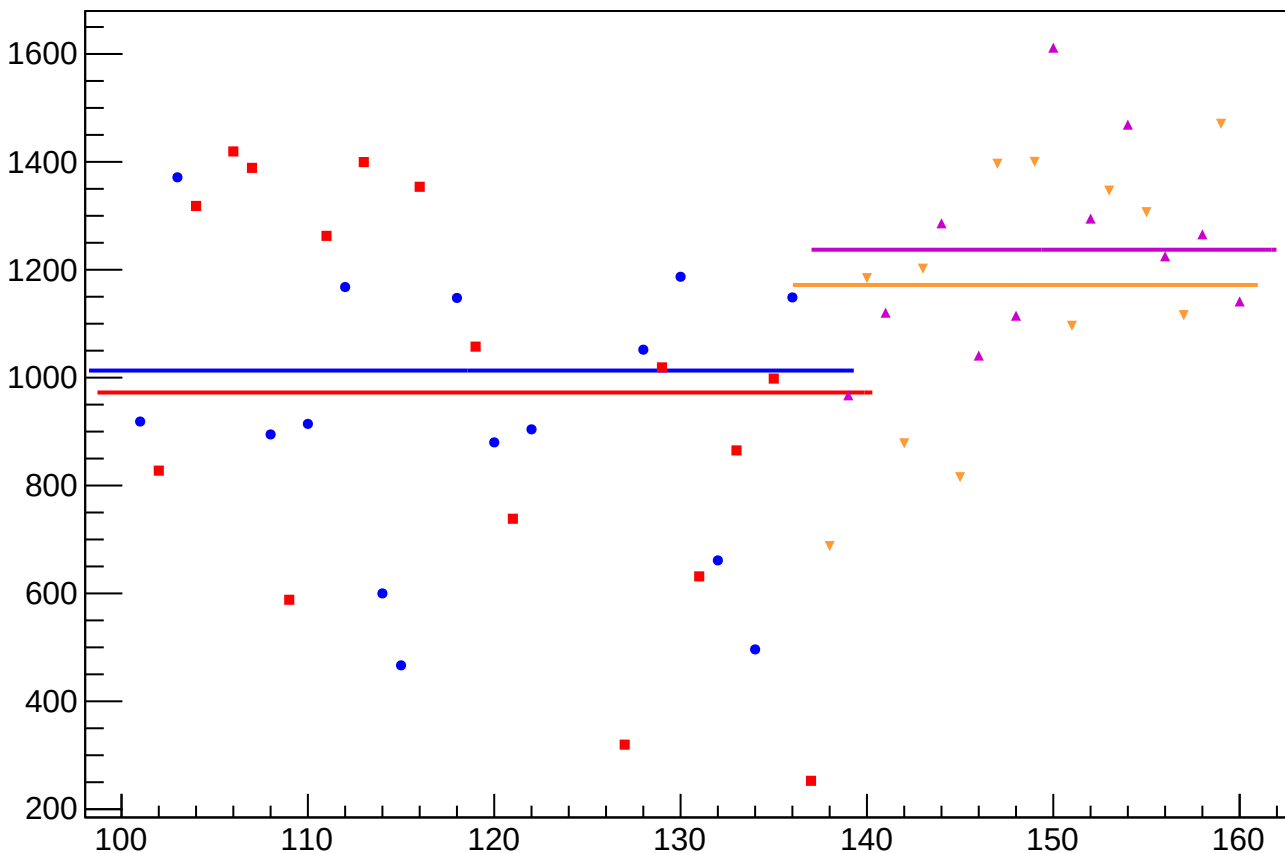
Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

+ sign 958.532+/-0.000 χ^2/NDF : 152813586967555

All: 956.706+/-0.000 χ^2/NDF : 299793196970

- sign 954.911+/-0.000 χ^2/NDF : 146978575897924

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

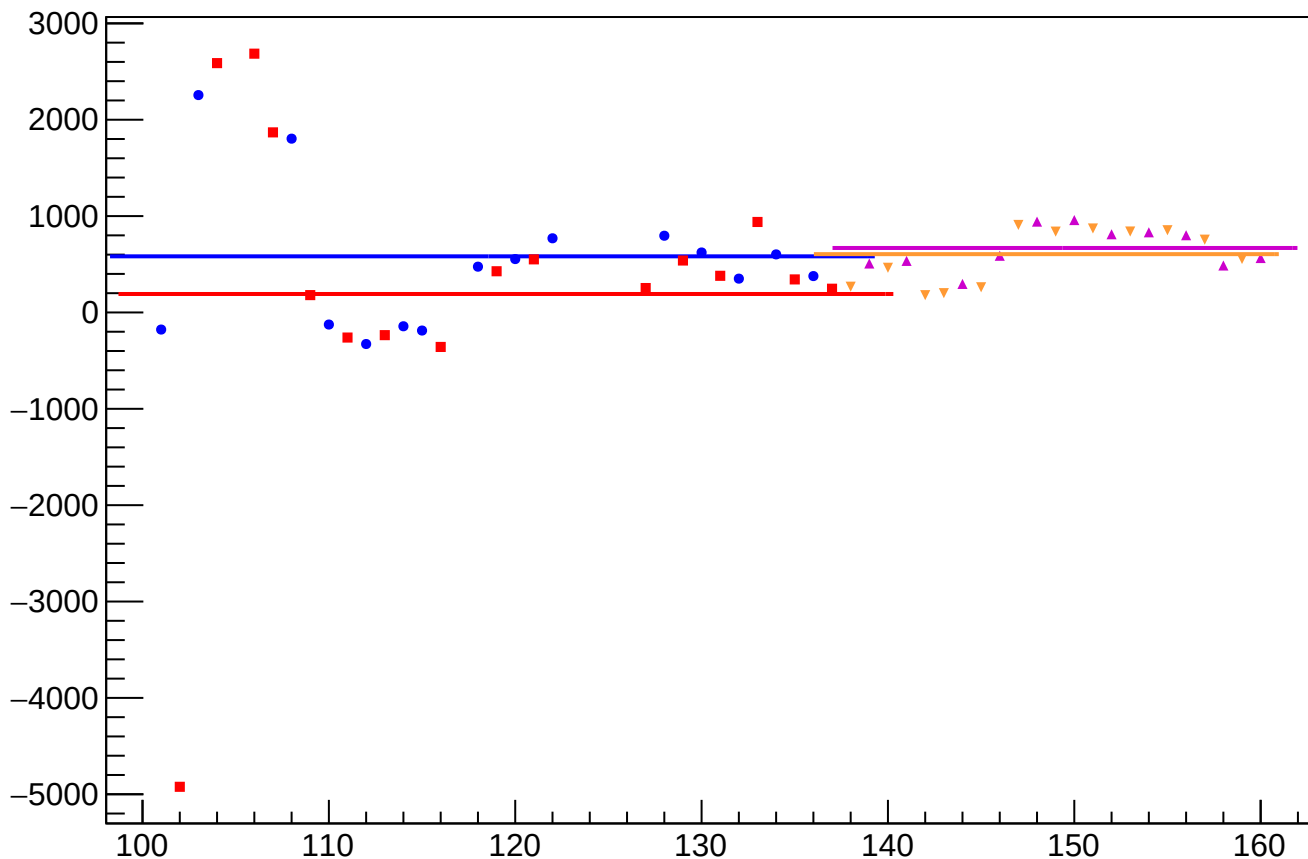
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 605.074+/-0.000 χ^2/NDF : 67912515245446196729937130882705915904.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 595.655+/-0.000 χ^2/NDF : 406904373797989

All: 531.737+/-0.000 χ^2/NDF : 271615503925

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



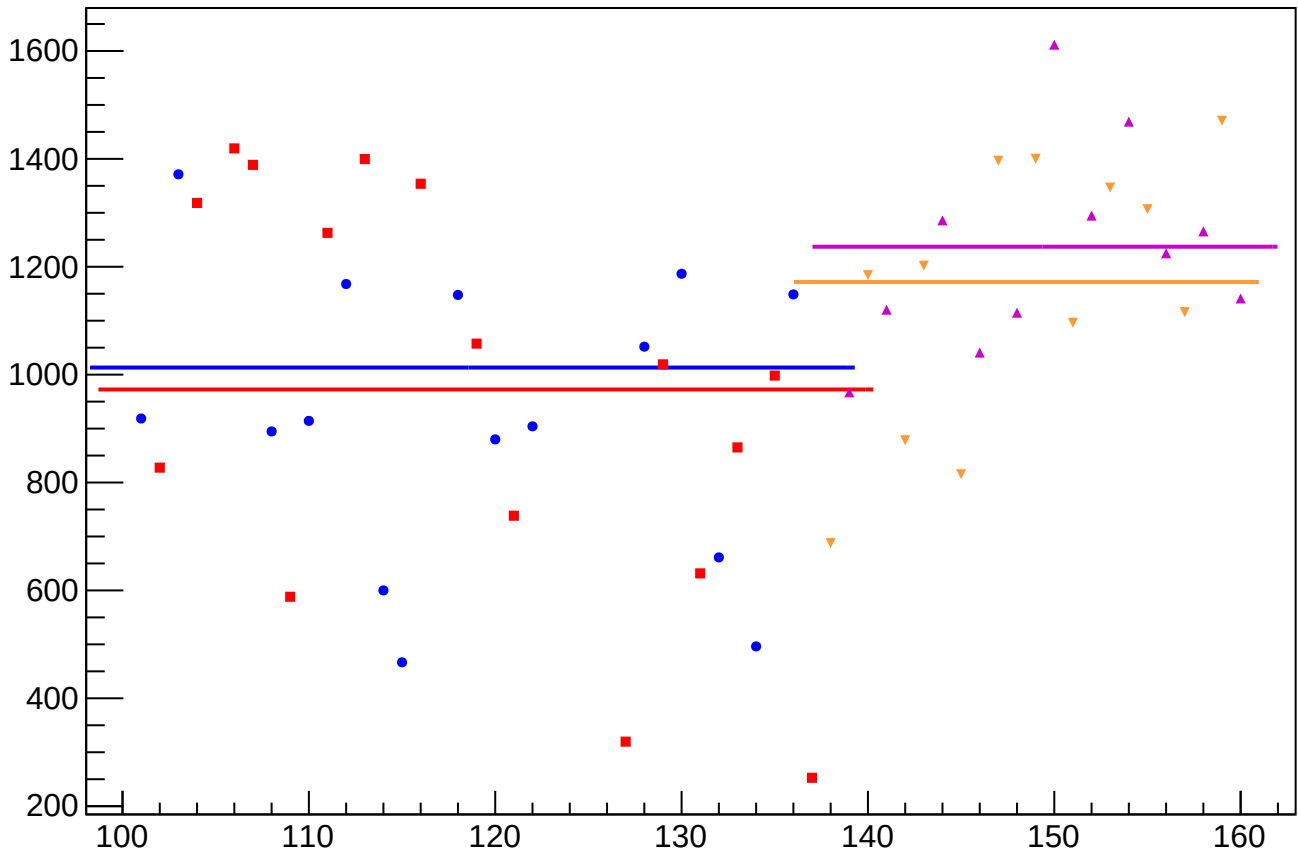
Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 142.333+/-0.000 χ^2/NDF : 699754234994212847043453967042347008.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

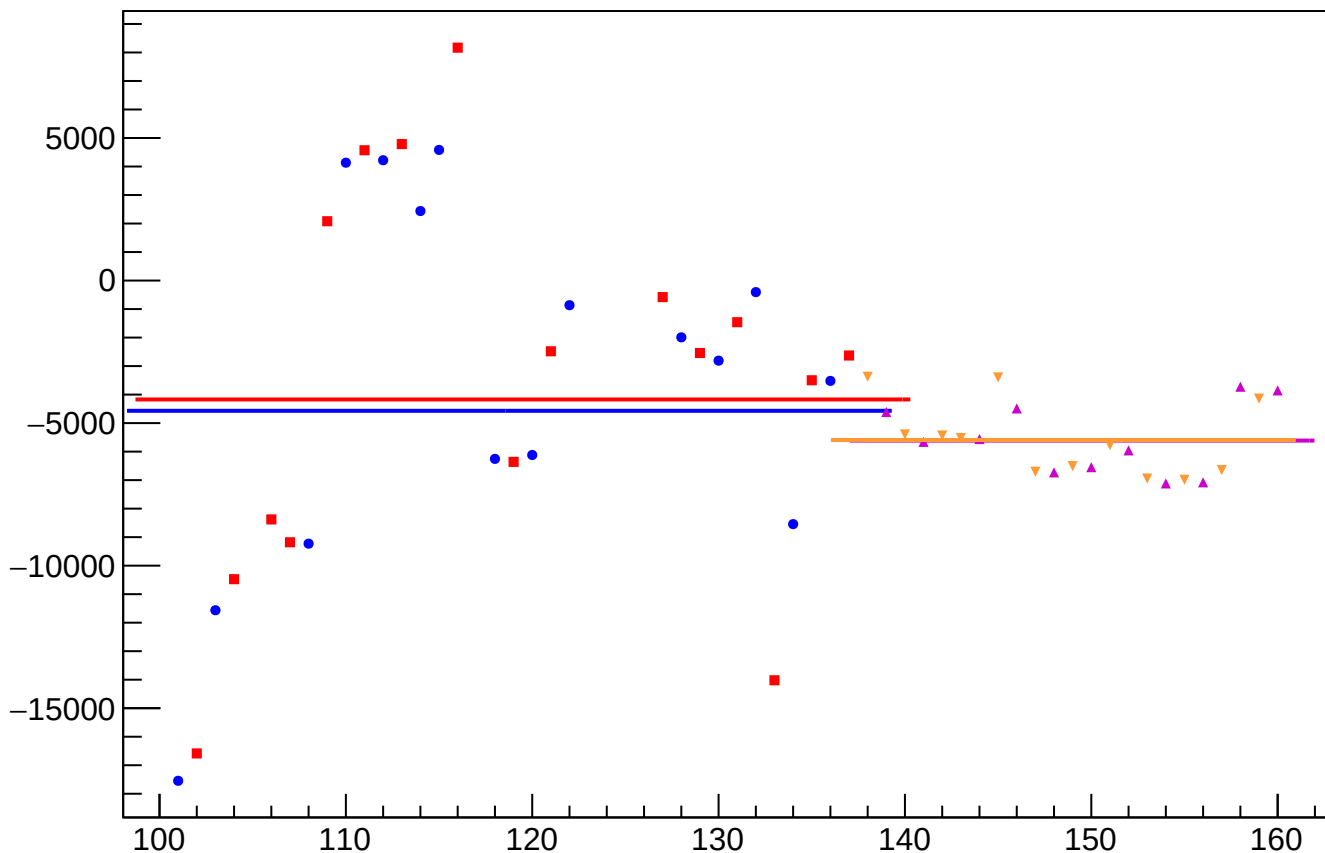
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

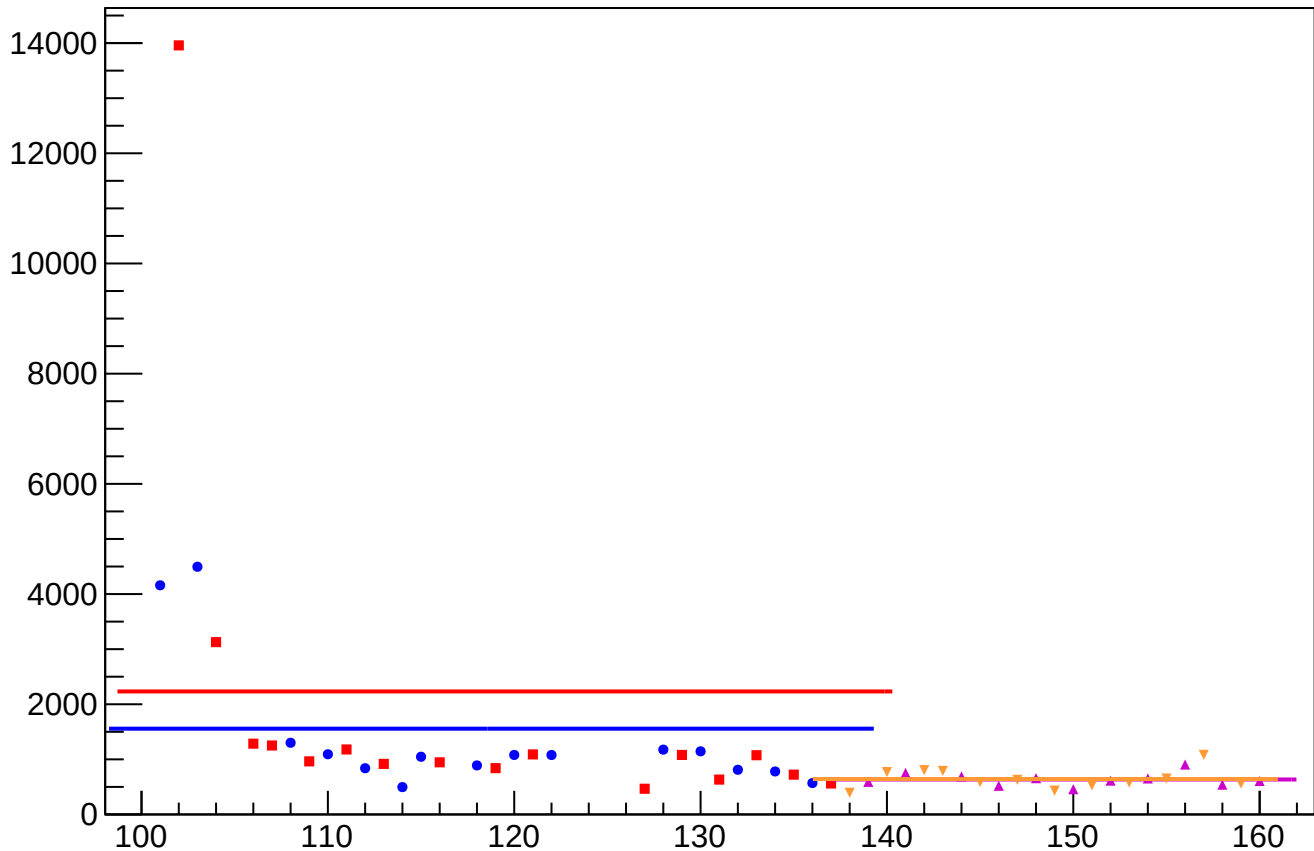
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5592.357+/-0.000	χ^2/NDF : 1502507998590915650067934753088681803776.0/11
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5613.024+/-0.000	χ^2/NDF : 1272210659936261957248133173503170969600.0/10

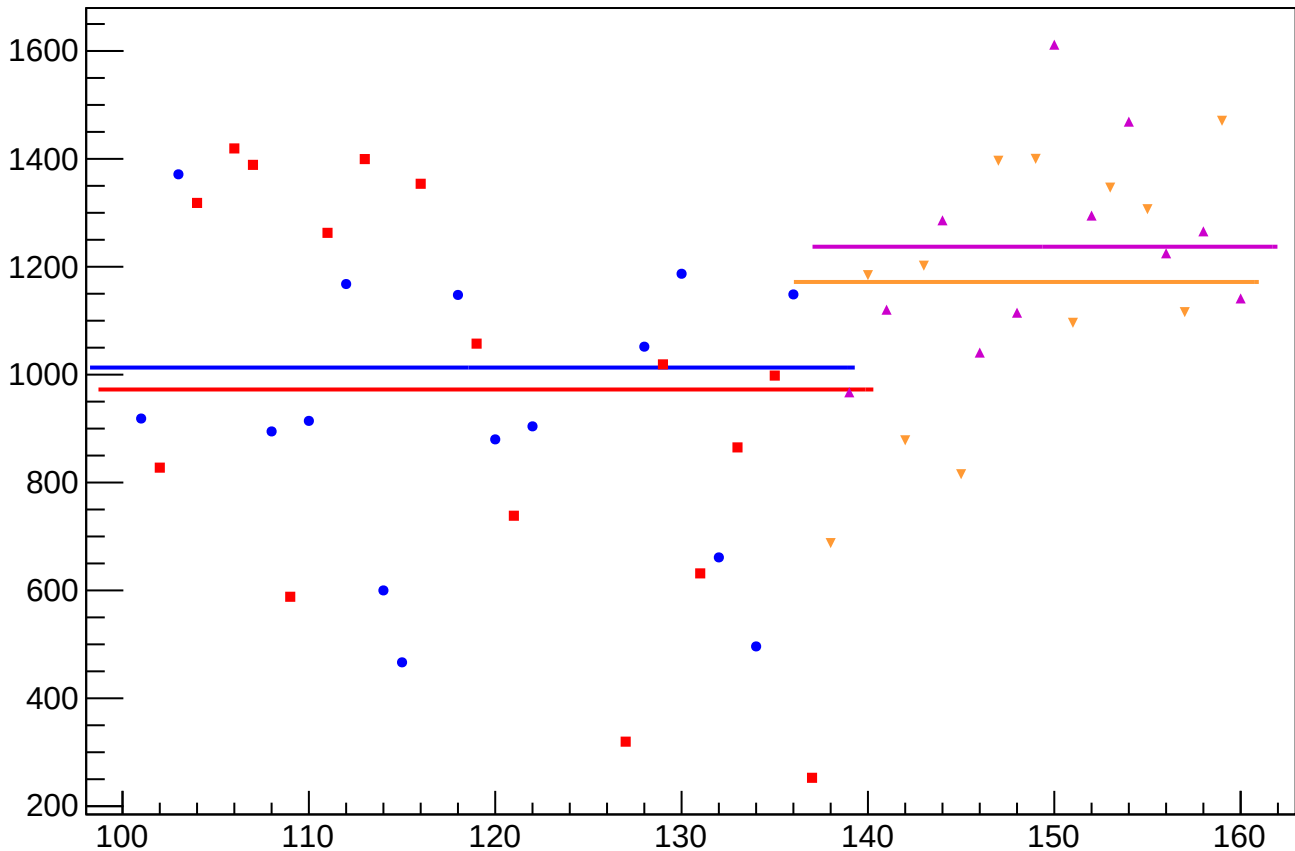
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



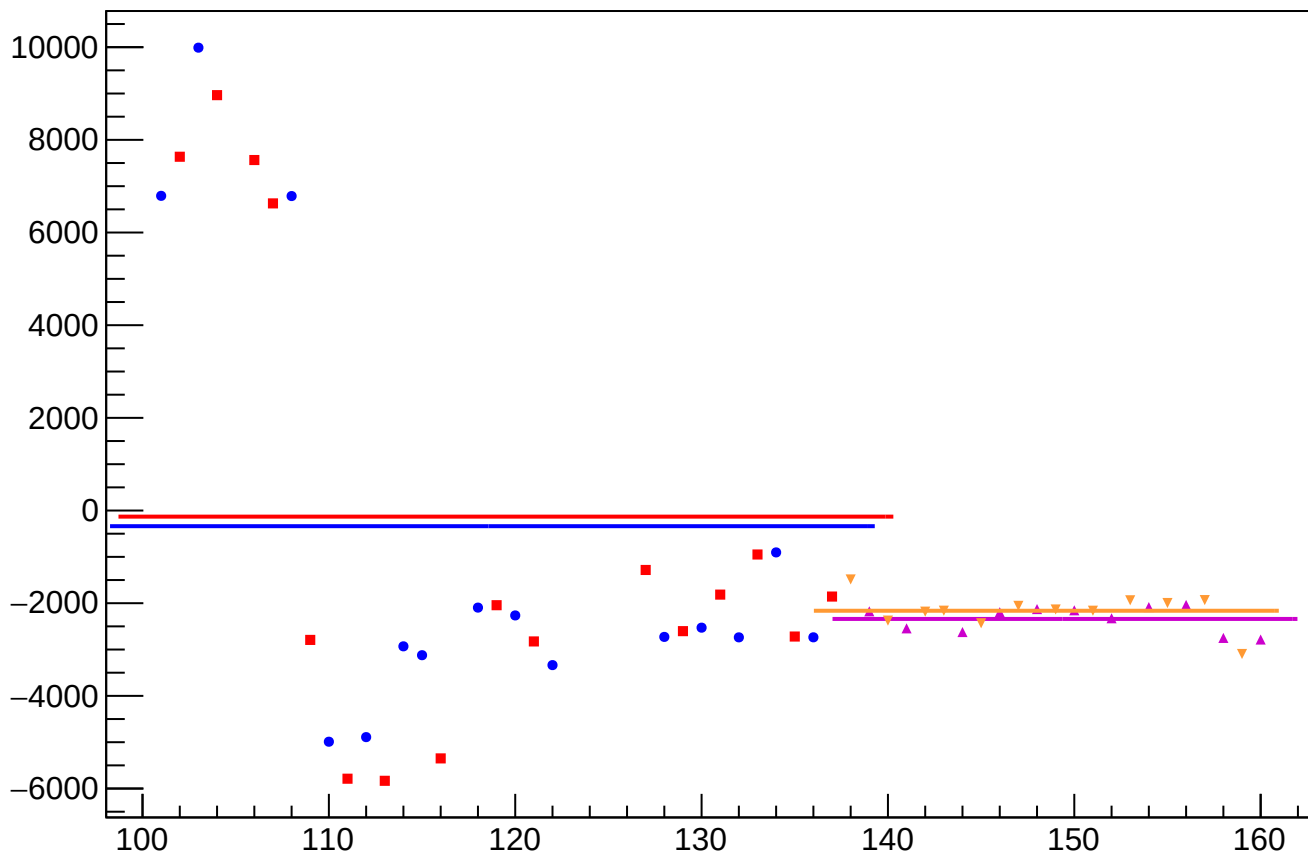
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 642.639+/-0.000 χ^2/NDF : 29931346030134316080818937490076336128.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10
 All: 1164.597+/-0.000 χ^2/NDF : 11541094593
 + sign 1022.208+/-0.000 χ^2/NDF : 14864291079277
 - sign 1304.479+/-0.000 χ^2/NDF : 99918451960380

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

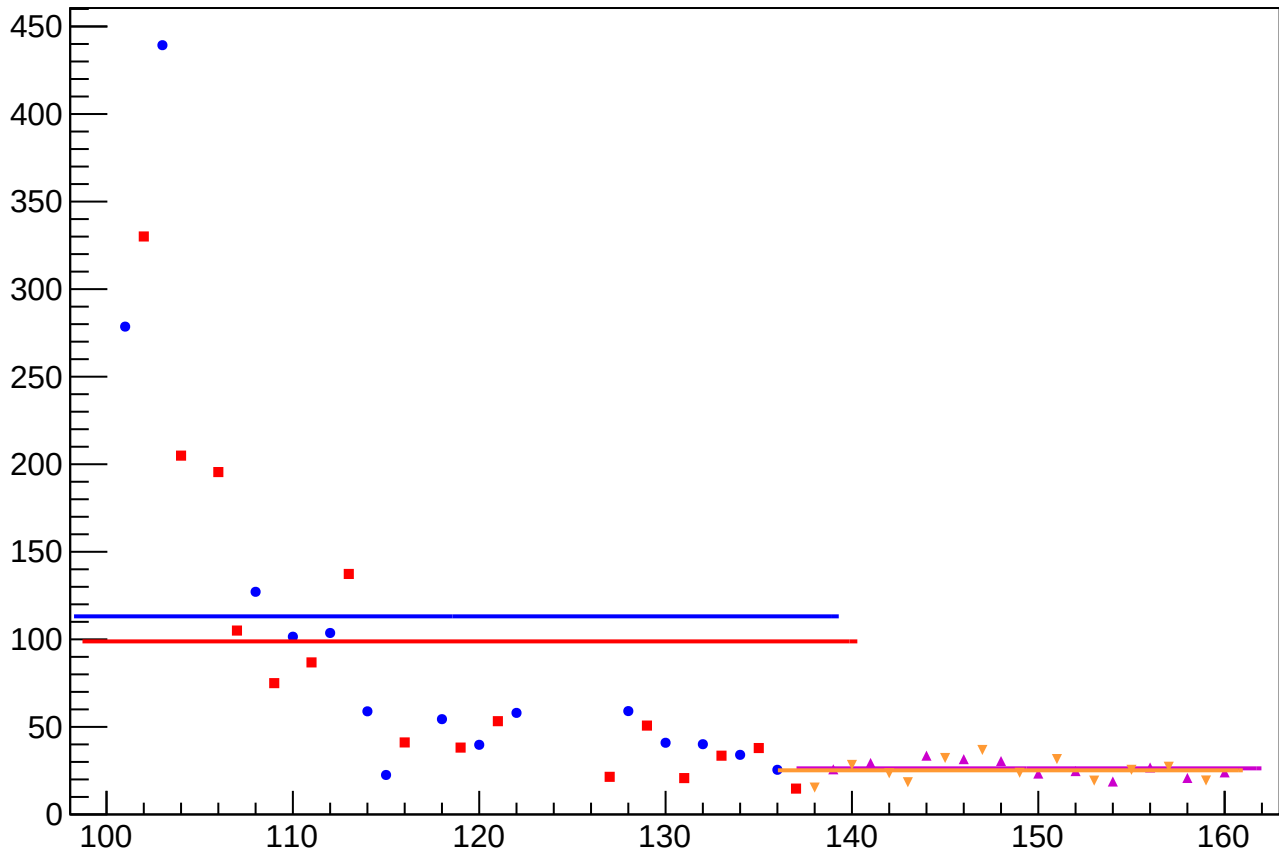
dit_sam1_coil6_mean vs Slug



Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$
 Left Out: -2162.857 ± 0.000 $\chi^2/\text{NDF}: 126332275232930257638482620391759020032.0/11$
 Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$
 Left In: -2339.639 ± 0.000 $\chi^2/\text{NDF}: 62860144247456957543810906284181422080.0/10$

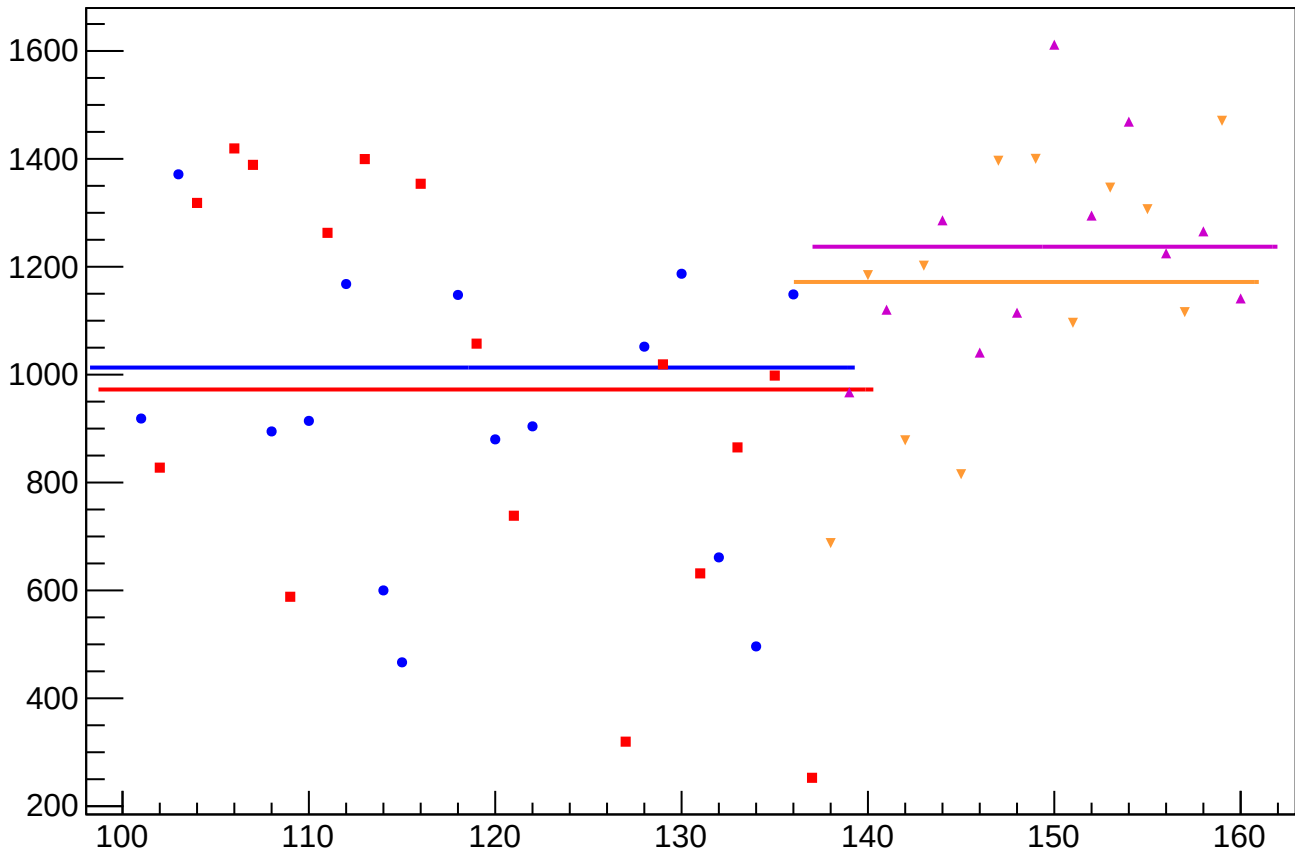
+ sign -1405.071 ± 0.000 $\chi^2/\text{NDF}: 1654286779746$
 All: -1409.541 ± 0.000 $\chi^2/\text{NDF}: 3496770485$
 - sign -1413.933 ± 0.000 $\chi^2/\text{NDF}: 18424775138160$

dit_sam1_coil6_err_mean vs Slug



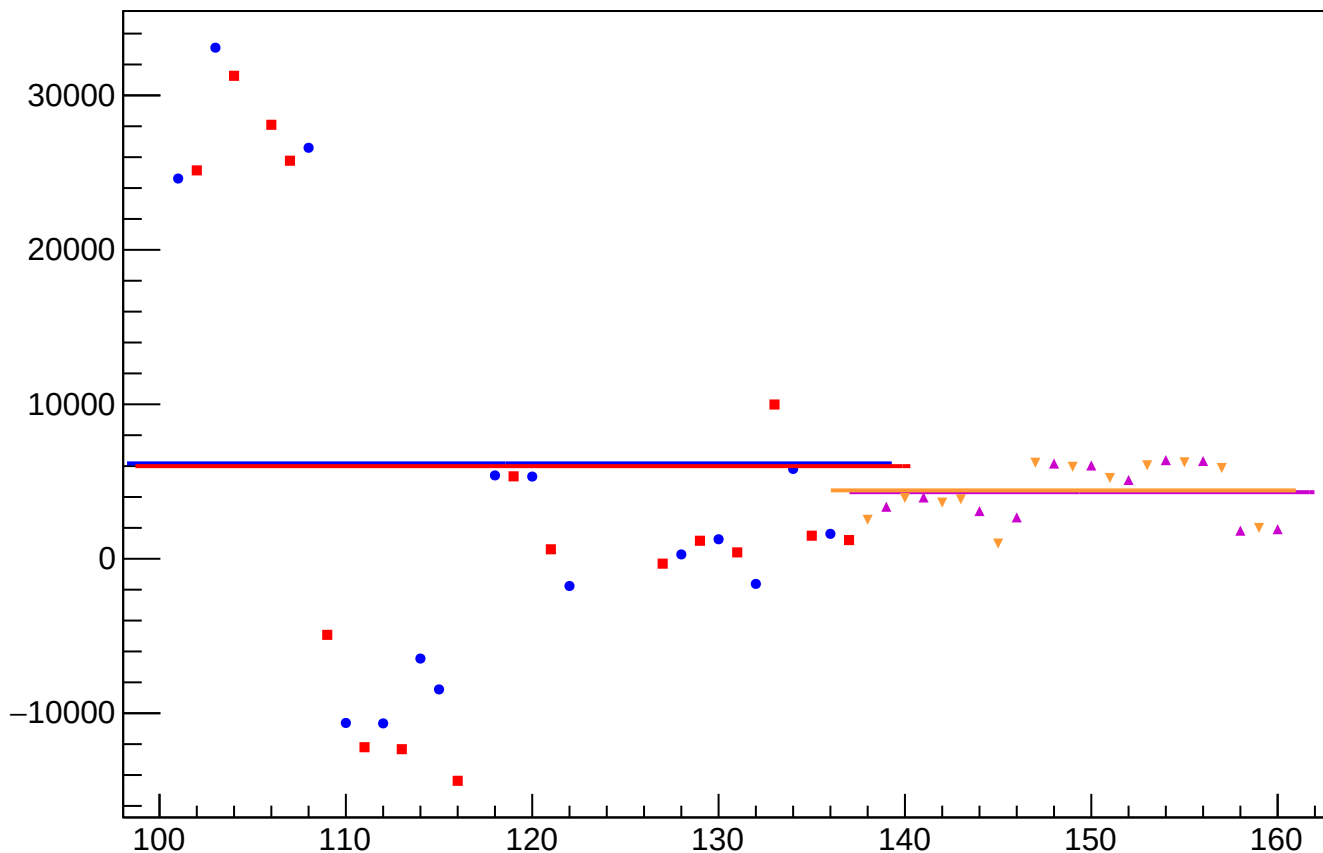
Right In: 113.134 $\pm$ 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.204 $\pm$ 0.000 χ^2/NDF : 35340998729966912863138320392126464.0/11
 Right Out: 98.833 $\pm$ 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: 26.331 $\pm$ 0.000 χ^2/NDF : 18142873408814573481950758043648000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

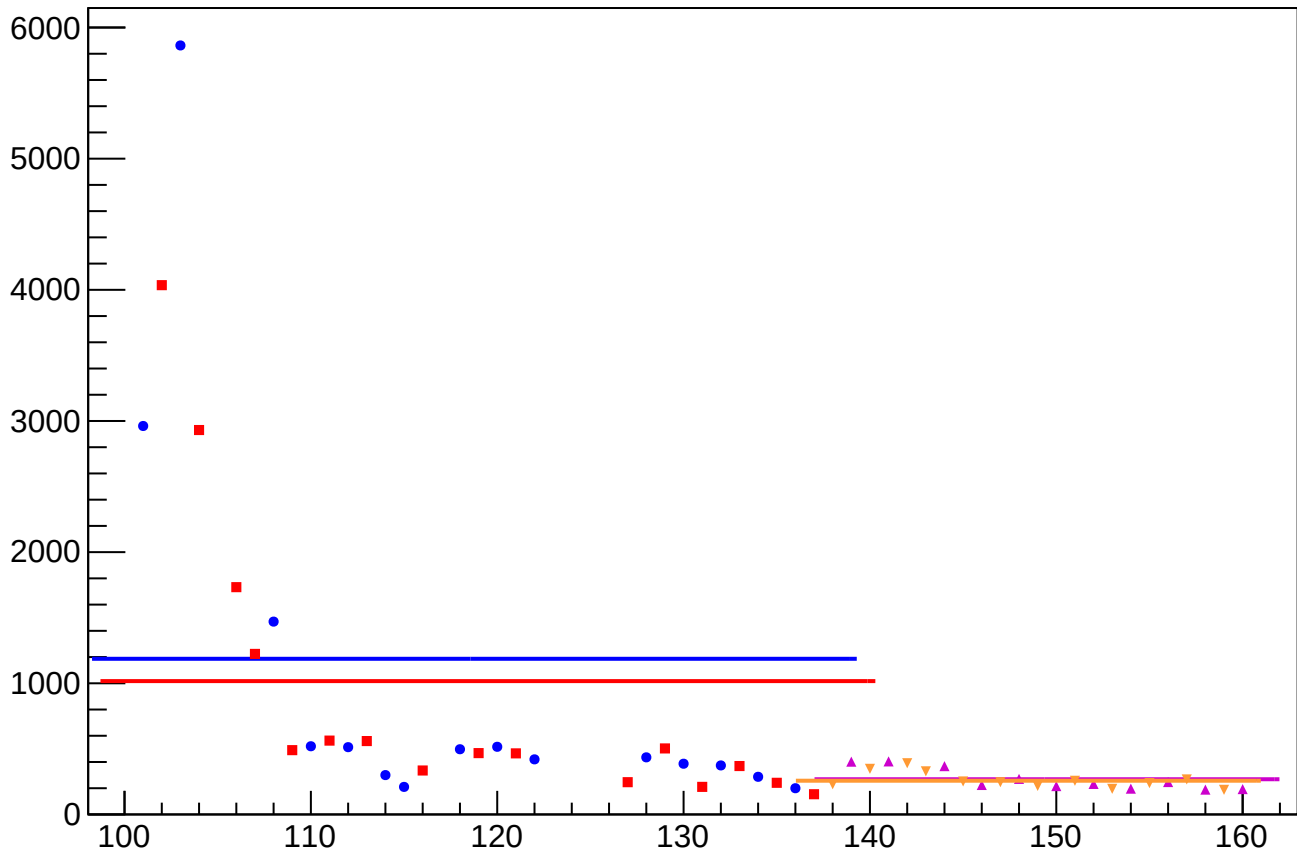
dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000	χ^2/NDF : 117260877162921223967478349050708452442112.0/14
Left Out: 4428.101+/-0.000	χ^2/NDF : 2900138976874387724183278190835470958592.0/11
Right Out: 5996.727+/-0.000	χ^2/NDF : 137057710785025136543407710107916356812800.0/15
Left In: 4310.541+/-0.000	χ^2/NDF : 2687248811790643780000086030830396243968.0/10

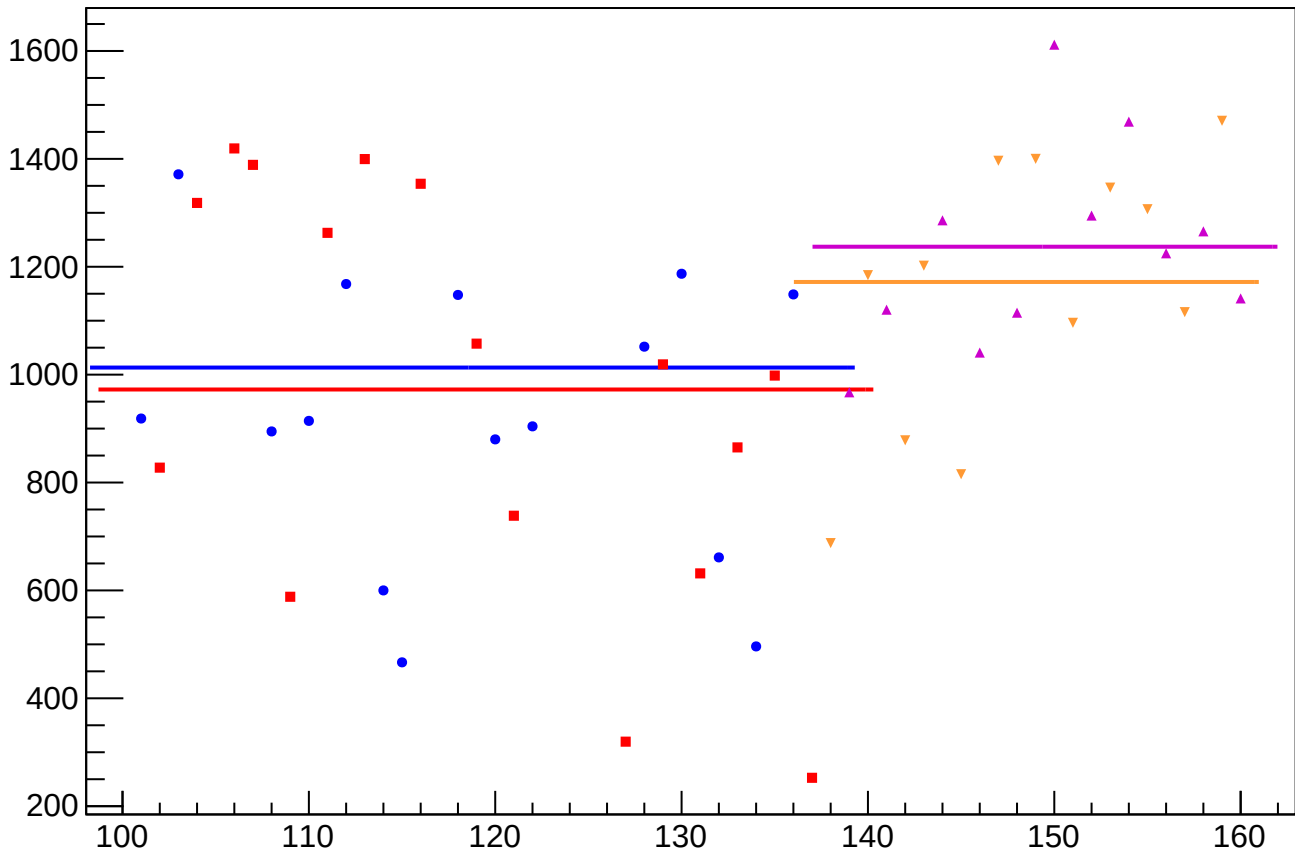
+ sign 5153.665+/-0.000 χ^2/NDF : 12131982747999
 All: 5084.951+/-0.000 χ^2/NDF : 26218080052
 - sign 5017.446+/-0.000 χ^2/NDF : 14084634301440

dit_sam2_coil6_err_mean vs Slug



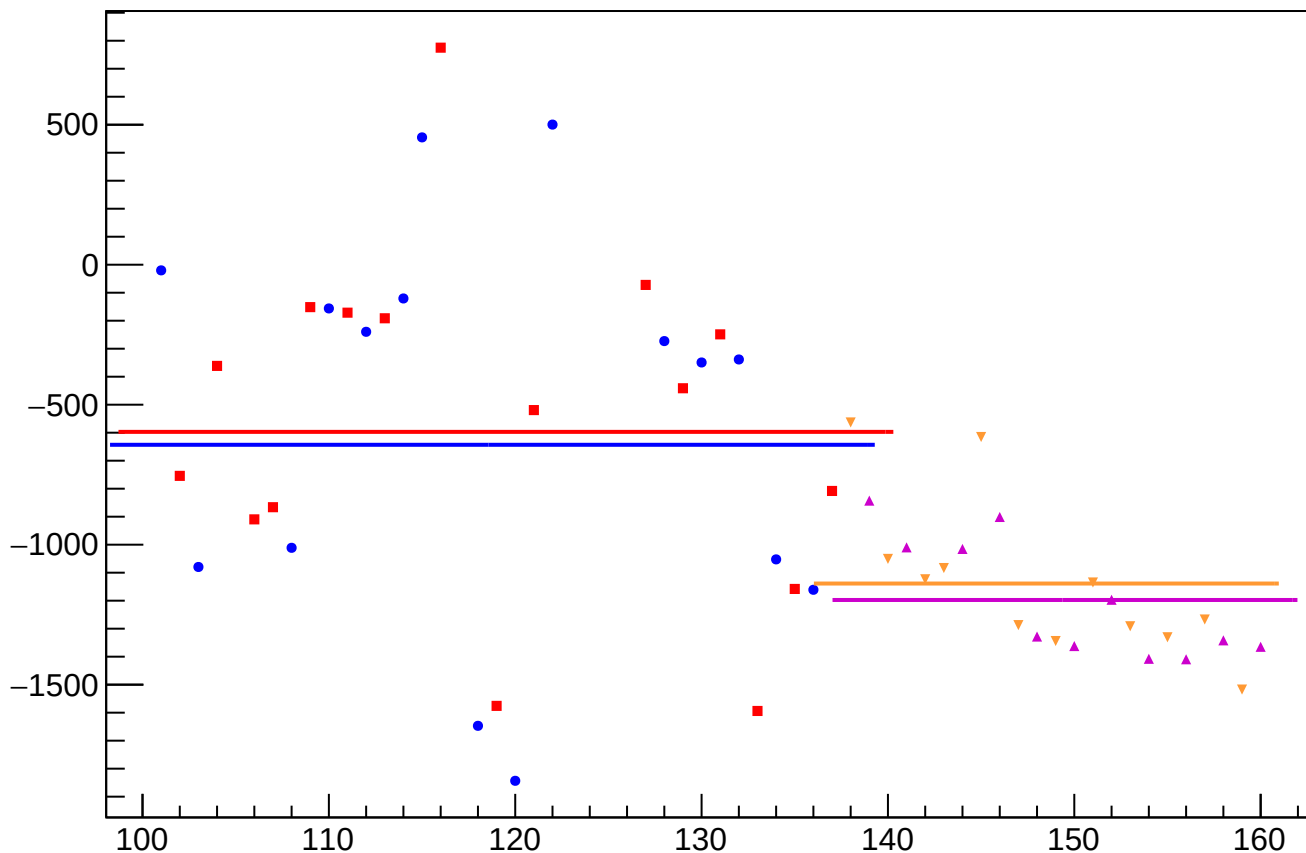
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 All: 612.442 $\pm$ 0.000 χ^2 /NDF: 328051716192
 + sign 643.246 $\pm$ 0.000 χ^2 /NDF: 212720083388662
 - sign 582.179 $\pm$ 0.000 χ^2 /NDF: 115037612749111

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1138.759+/-0.000 χ^2/NDF : 71006185953424254270590791718170263552.0/11

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

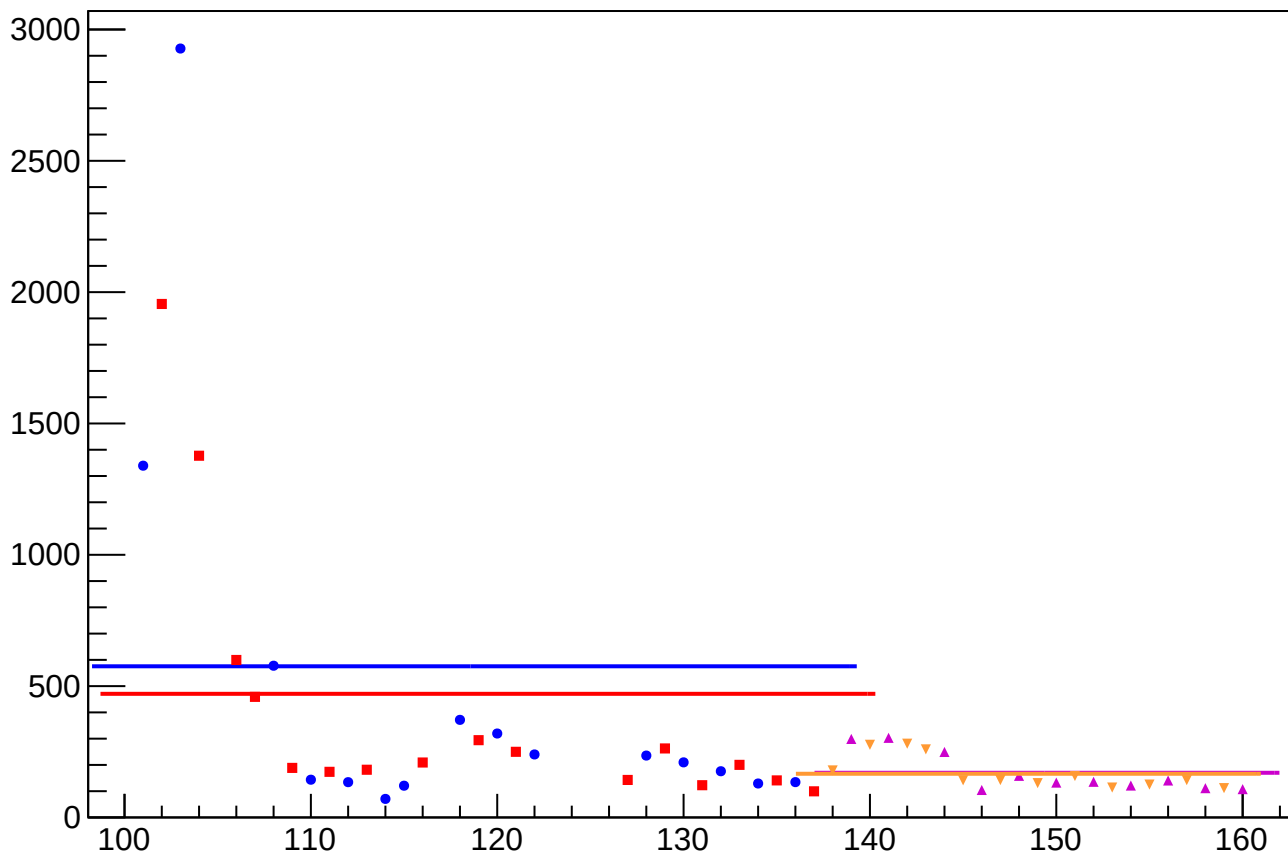
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ sign -932.996+/-0.000 χ^2/NDF : 43692805722802

All: -939.440+/-0.000 χ^2/NDF : 82608252499

- sign -945.770+/-0.000 χ^2/NDF : 389025821558760

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

+ sign 336.257+/-0.000 χ^2/NDF : 499270475269907

Left Out: 166.360+/-0.000 χ^2/NDF : 3052716209295405049807129095543193600.0/11

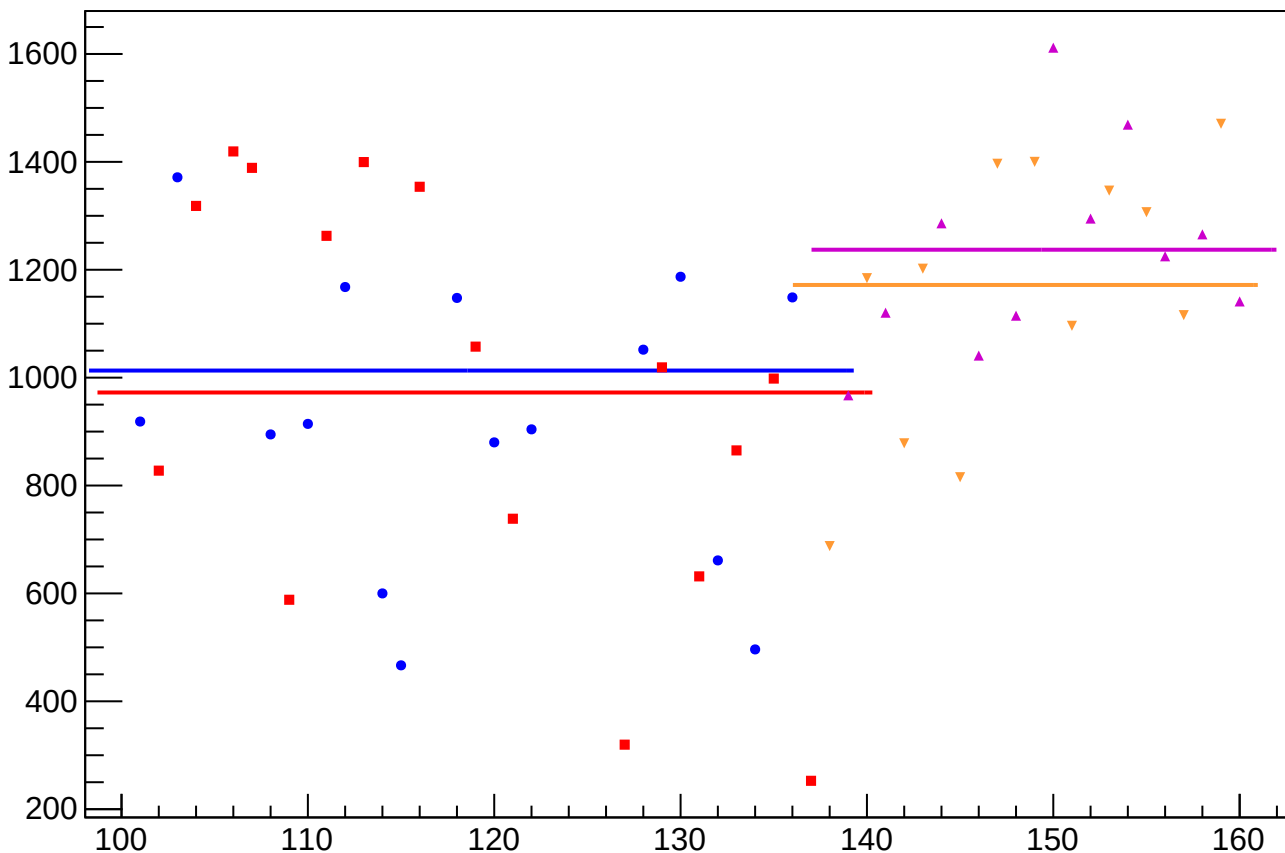
All: 316.009+/-0.000 χ^2/NDF : 749713374727

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

- sign 296.118+/-0.000 χ^2/NDF : 249172631287531

Left In: 170.082+/-0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

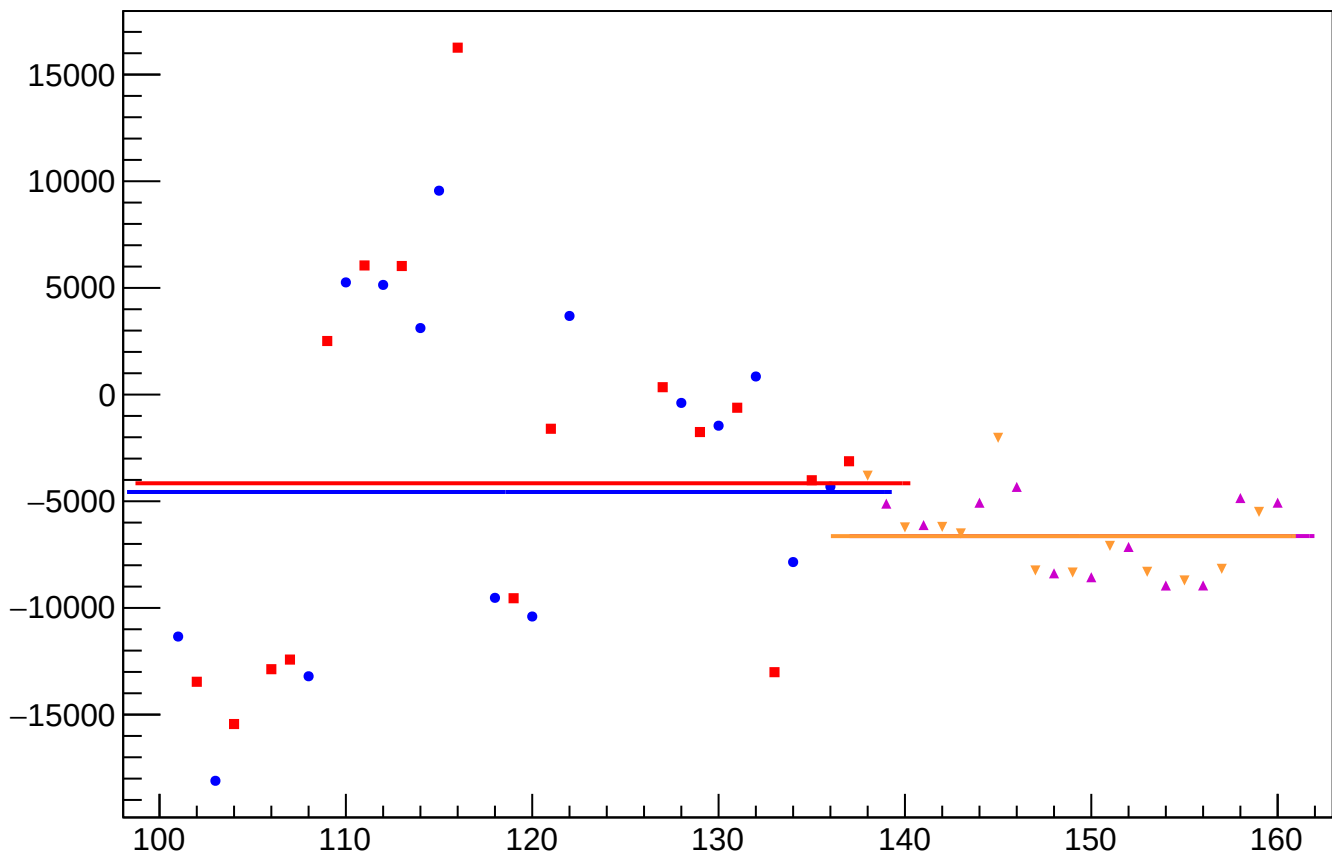
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

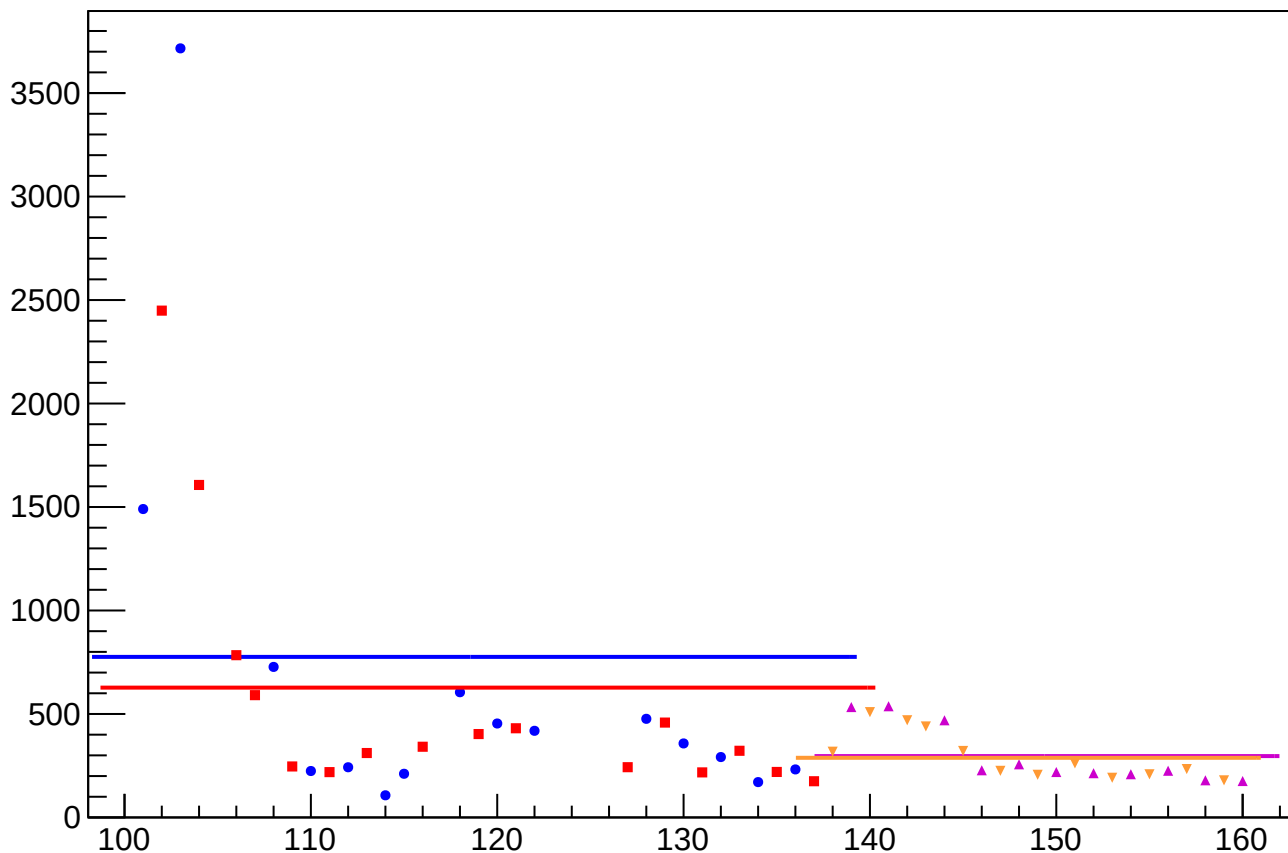
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam4_coil6_mean vs Slug



Right In: -4565.412 ± 0.000 χ^2/NDF : 35667768247432289984899042725155487875072.0/14
 Left Out: -6634.457 ± 0.000 χ^2/NDF : 3640150880403299784339543756995645407232.0/11
 Right Out: -4156.859 ± 0.000 χ^2/NDF : 45539455441659927157708443099930682195968.0/15
 Left In: -6631.377 ± 0.000 χ^2/NDF : 2831140540306304869921468245145345327104.0/10
 All: -5683.850 ± 0.000 χ^2/NDF : 9170111031
 + sign -5775.333 ± 0.000 χ^2/NDF : 4093261338391
 - sign -5593.977 ± 0.000 χ^2/NDF : 50742565096238

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF : 10607349218435095296400376728725225472.0/11

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

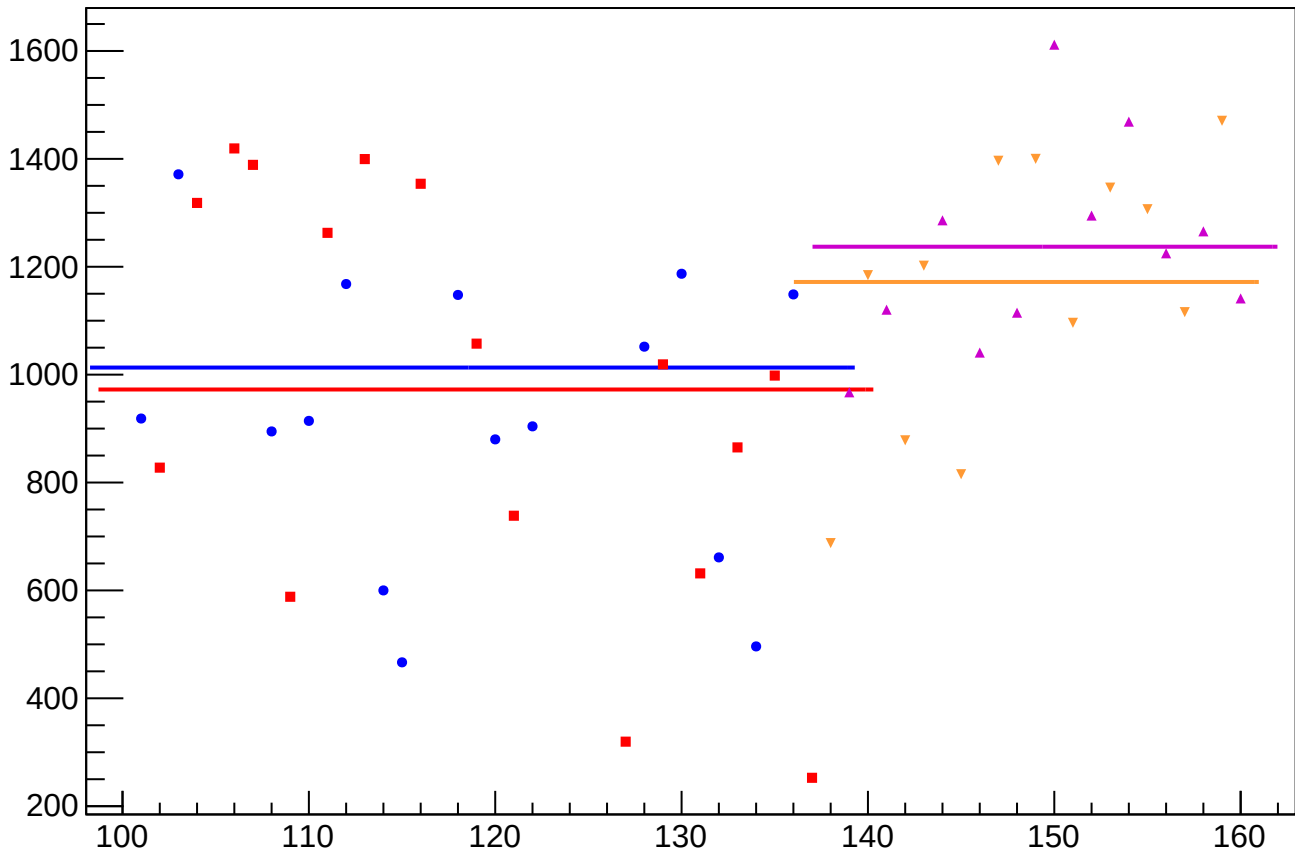
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 11020925146

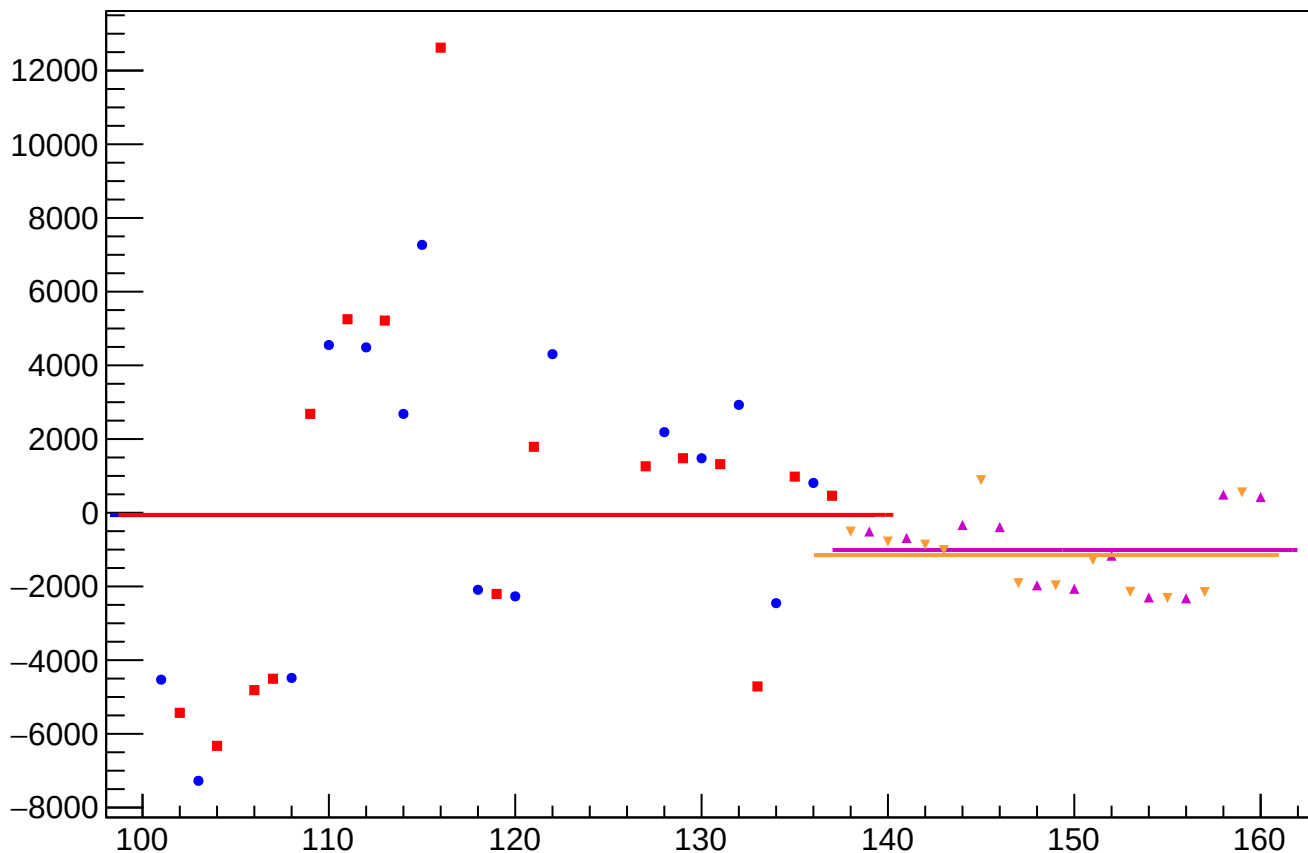
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -1149.036+/-0.000 χ^2/NDF : 977384281251527862797157265716912586752.0/11

Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

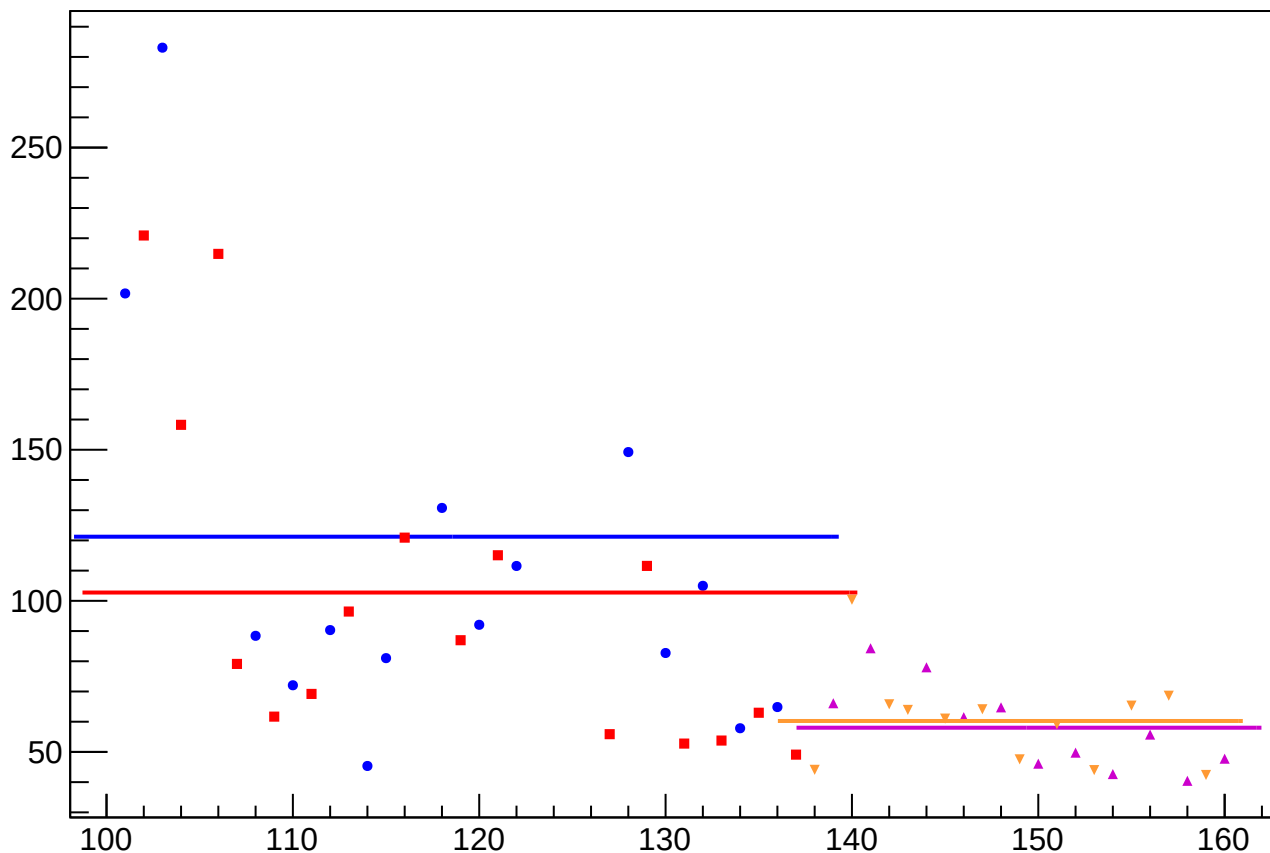
Left In: -1011.284+/-0.000 χ^2/NDF : 903909408421874171739001543159795679232.0/10

+ sign -698.812+/-0.000 χ^2/NDF : 11037797160174

All: -654.674+/-0.000 χ^2/NDF : 26081295906

- sign -611.312+/-0.000 χ^2/NDF : 150374623927280

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

Left Out: 60.239+/-0.000 χ^2/NDF : 225102554491032869548797845500329984.0/11

Right Out: 102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

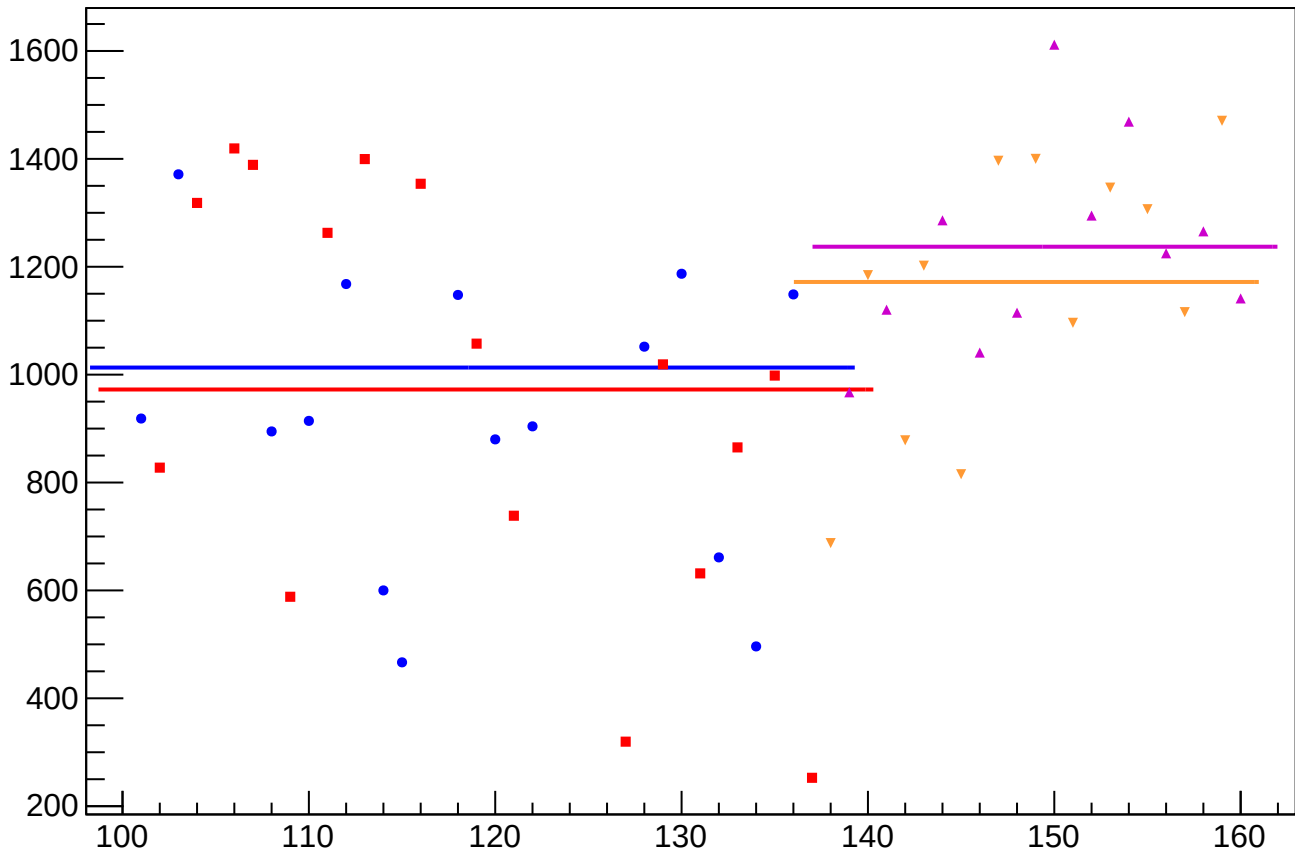
Left In: 58.011+/-0.000 χ^2/NDF : 177427701786540438757655027214450688.0/10

+ sign 85.563+/-0.000 χ^2/NDF : 4359921672162242

All: 81.126+/-0.000 χ^2/NDF : 7341366605629

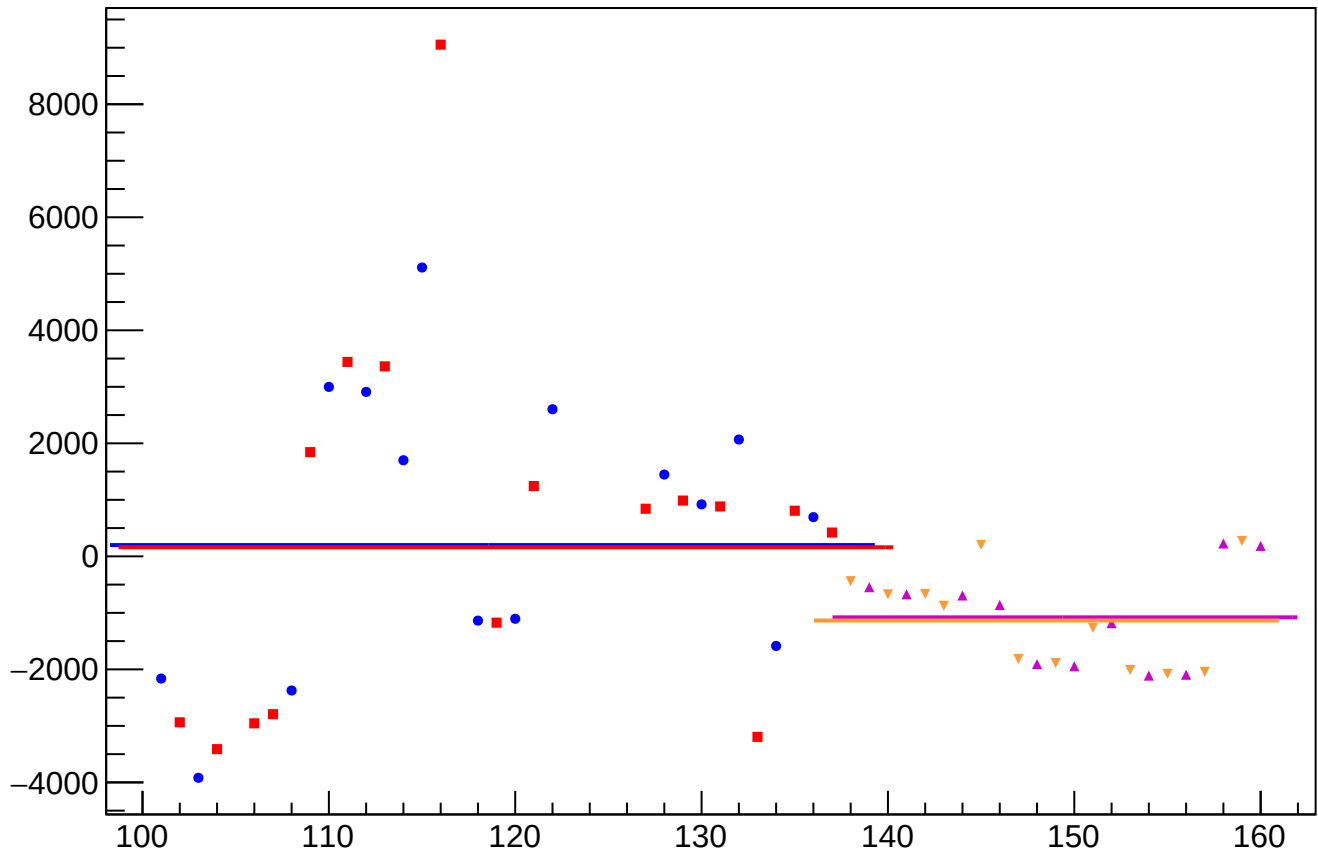
- sign 76.766+/-0.000 χ^2/NDF : 2920429745013475

dit_sam5_coil6_Ndata_mean vs Slug



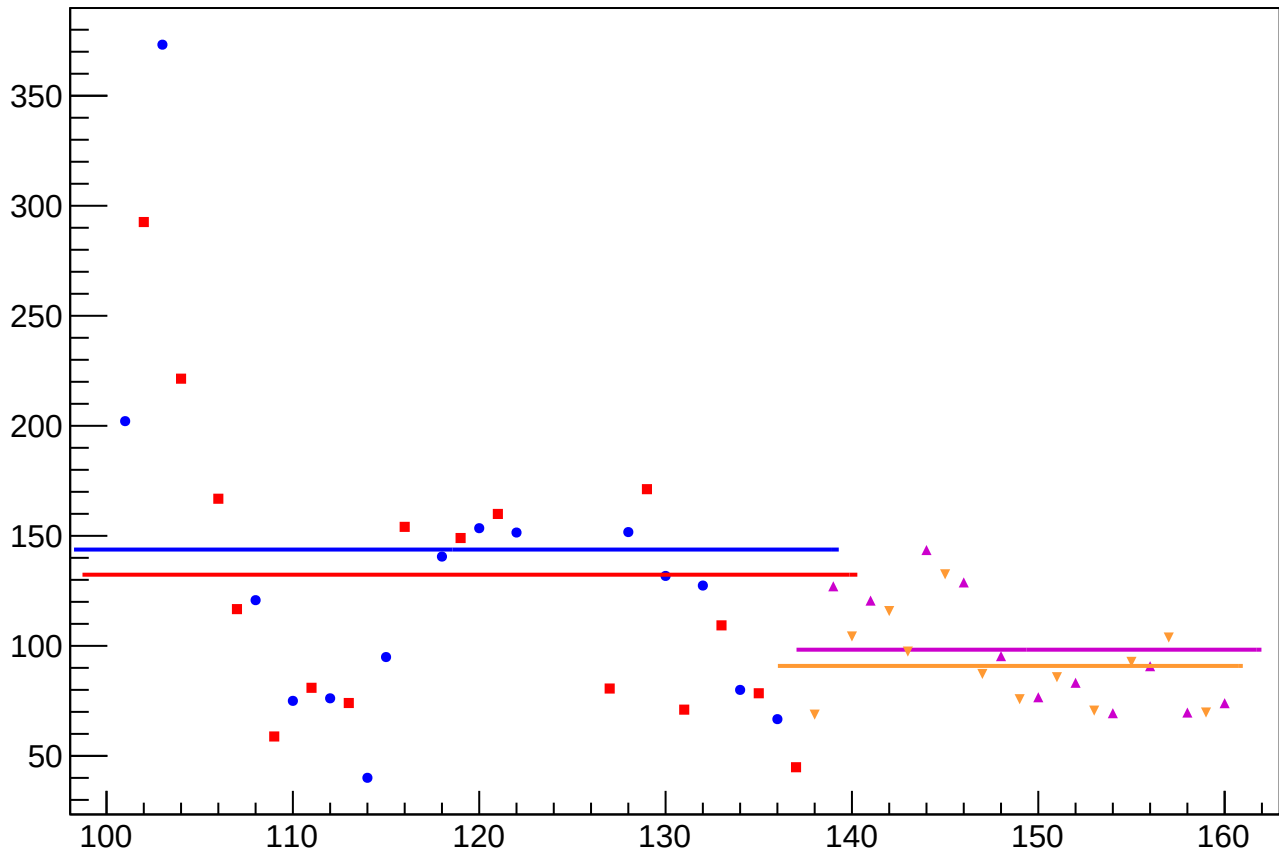
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -1135.455+/-0.000 χ^2/NDF : 654697592596579349133010058178925166592.0/11
 Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 ± 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

Left Out: 90.882 ± 0.000 χ^2/NDF : 326242734851411629220497356388040704.0/11

Right Out: 132.341 ± 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

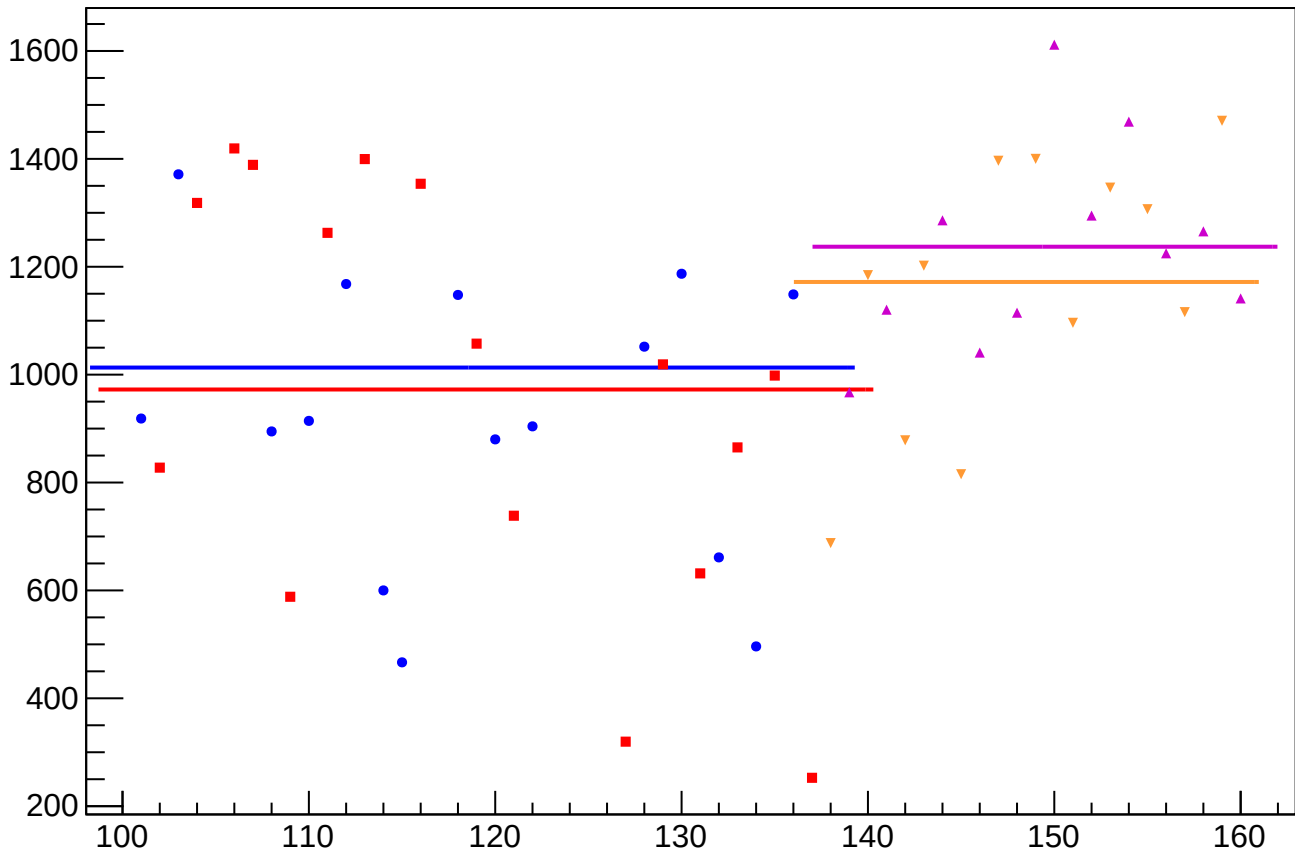
Left In: 98.257 ± 0.000 χ^2/NDF : 6209937767730933933033369428470792192.0/10

All: 112.691 ± 0.000 χ^2/NDF : 101475107783.0/11

+ sign 112.840 ± 0.000 χ^2/NDF : 590235067464096.0/11

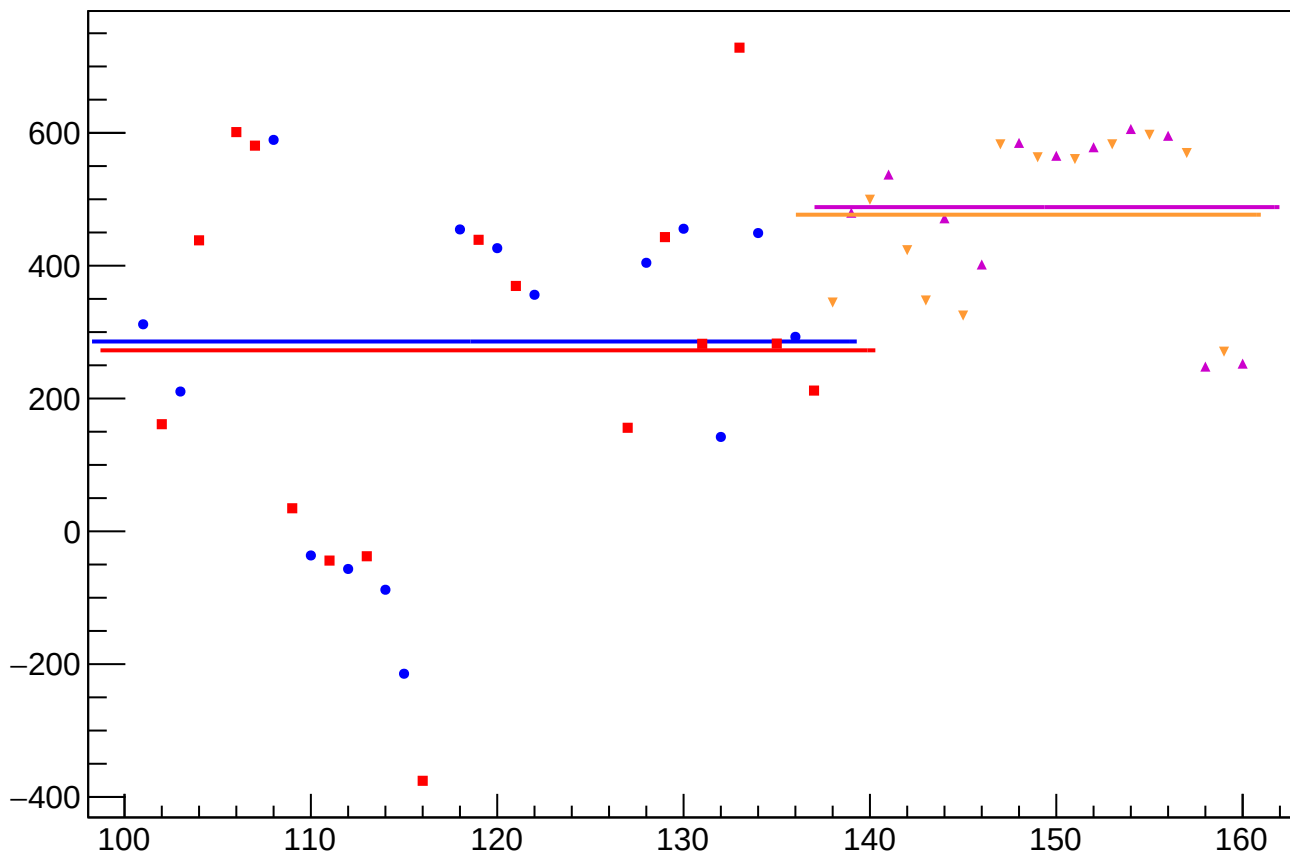
- sign 112.546 ± 0.000 χ^2/NDF : 424509210993955.0/11

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 476.795+/-0.000 χ^2/NDF : 12695994824288000465906190934597435392.0/11

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

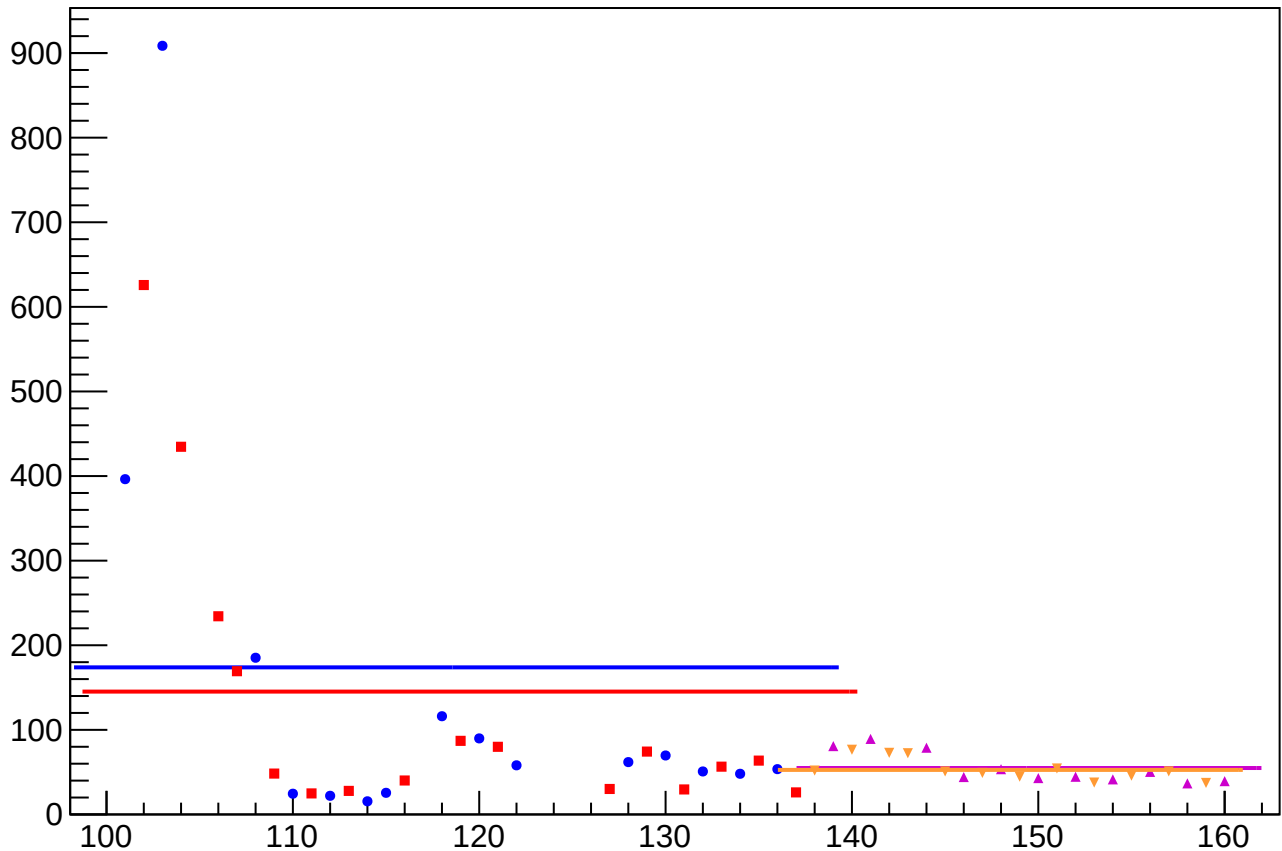
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 397.512+/-0.000 χ^2/NDF : 506405806110630

All: 397.652+/-0.000 χ^2/NDF : 126636598673

- sign 397.790+/-0.000 χ^2/NDF : 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

+ sign 102.988+/-0.000 χ^2/NDF : 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF : 140159423385887976692066167541465088.0/11

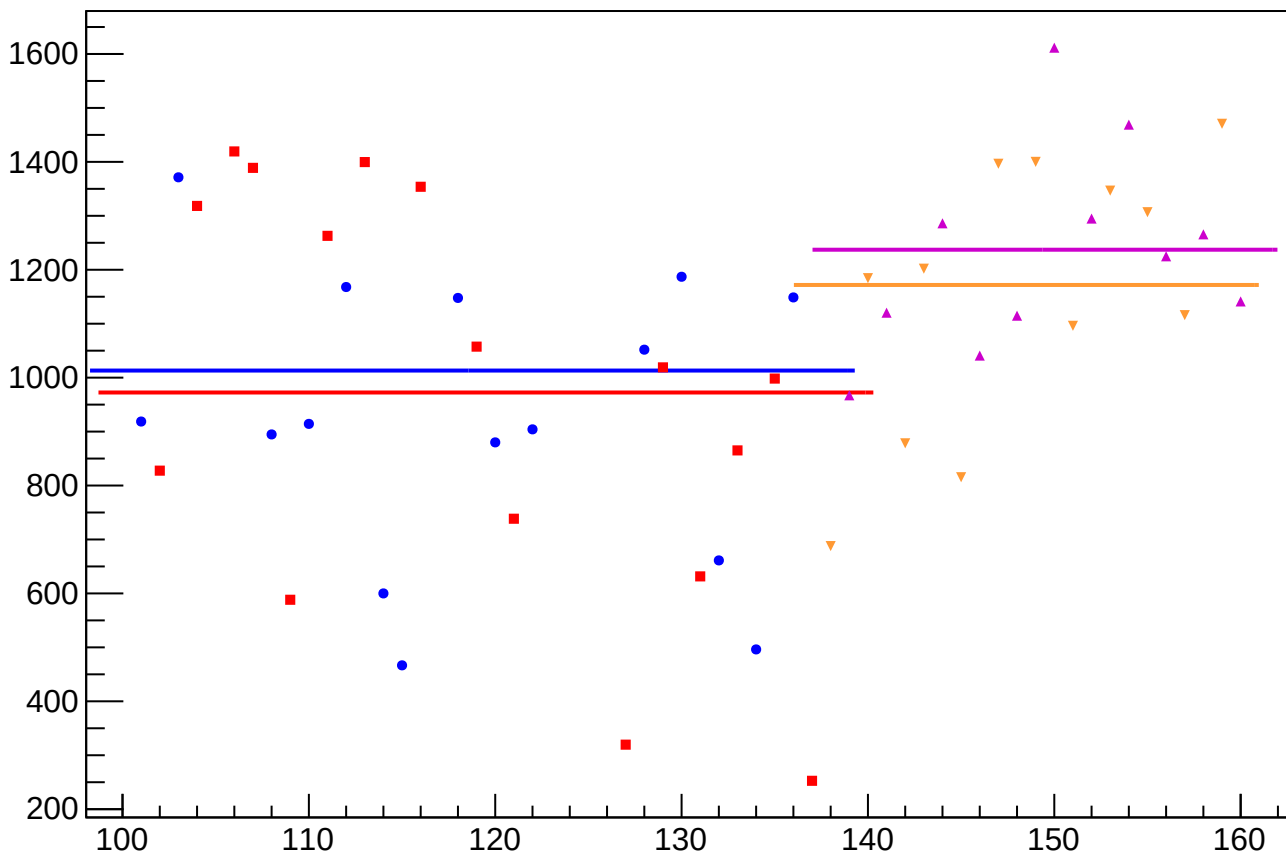
All: 97.830+/-0.000 χ^2/NDF : 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF : 2599123168114386

Left In: 54.891+/-0.000 χ^2/NDF : 300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

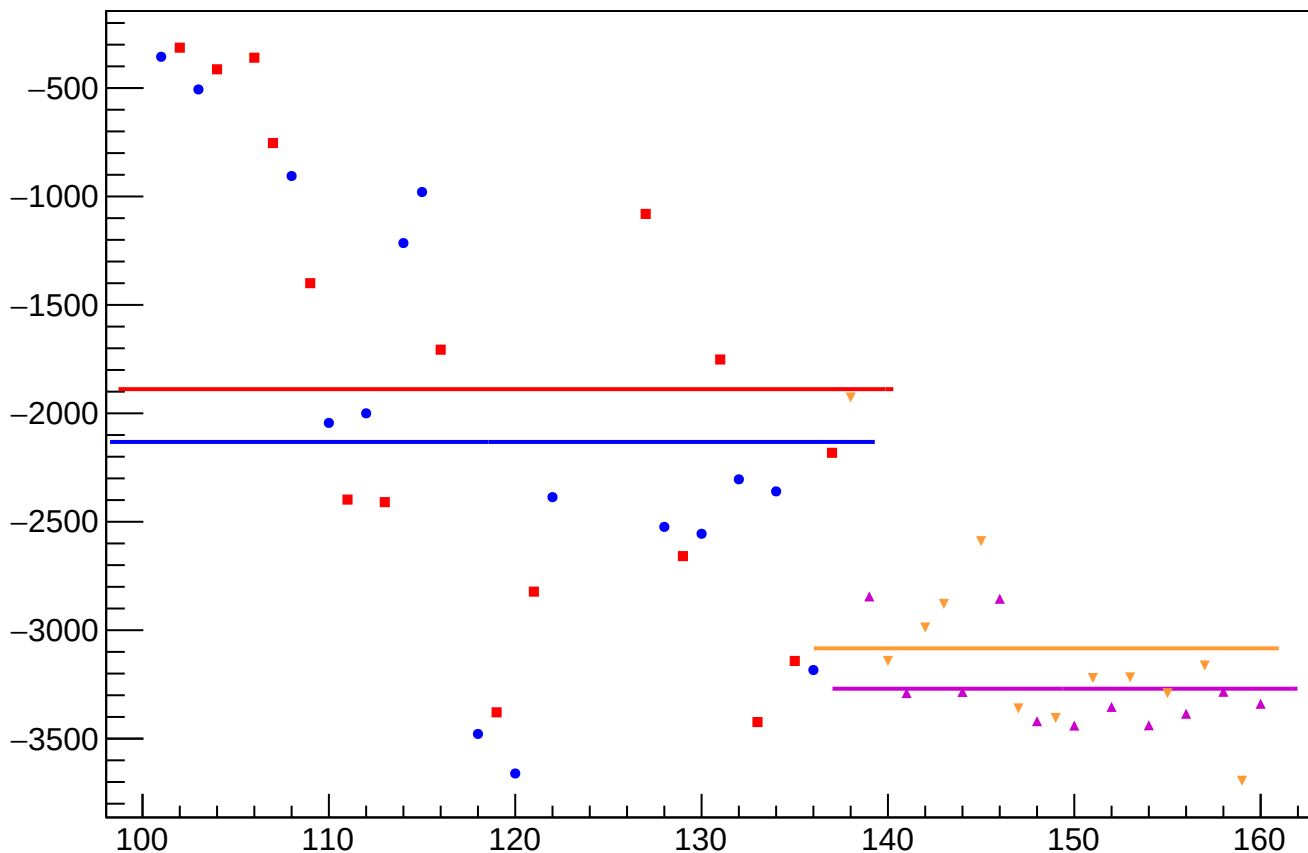
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

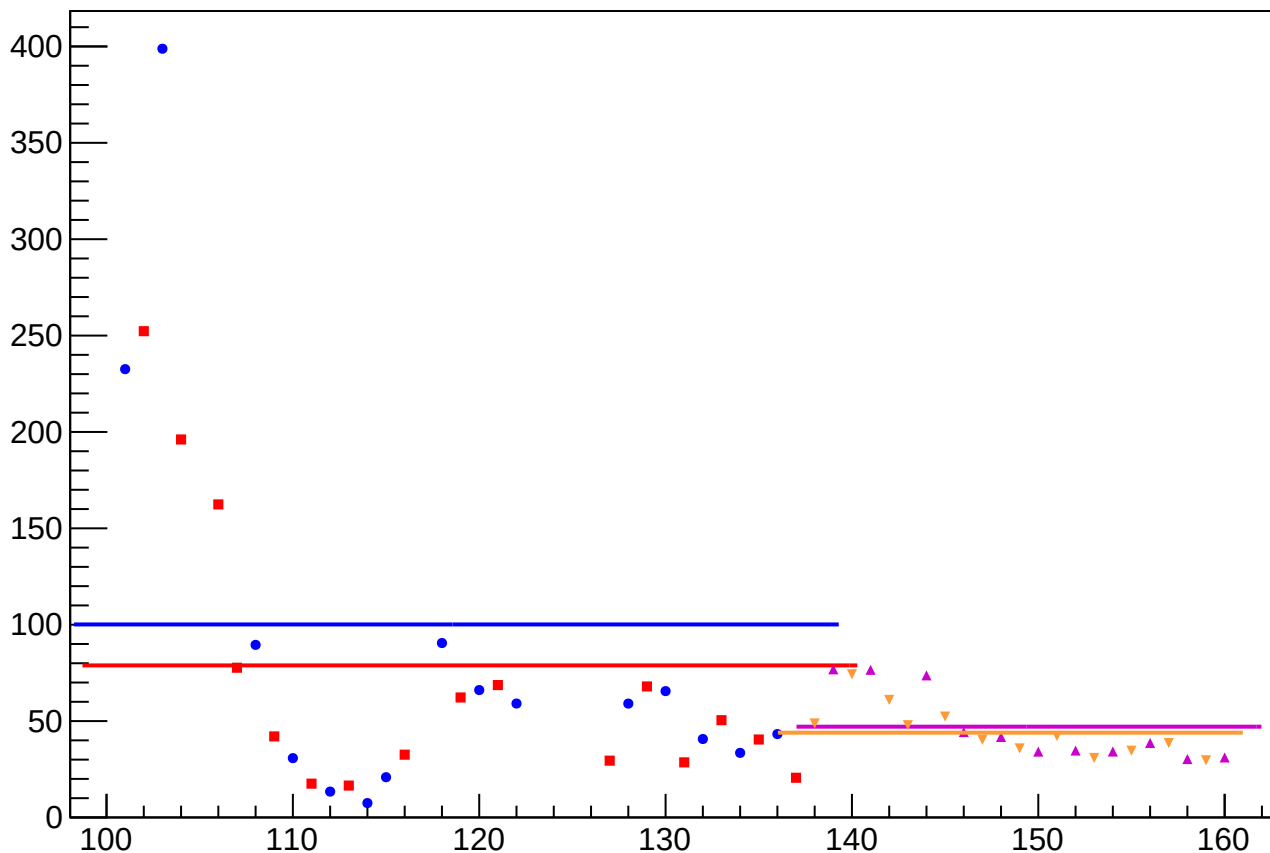
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam8_coil6_mean vs Slug



Right In: -2131.905 ± 0.000 $\chi^2/\text{NDF}: 722433384570495071131450661983670501376.0/14$
 Left Out: -3083.729 ± 0.000 $\chi^2/\text{NDF}: 178322677856663824149309206068860026880.0/11$
 Right Out: -1888.448 ± 0.000 $\chi^2/\text{NDF}: 791986665551980691032719862611769819136.0/15$
 Left In: -3269.755 ± 0.000 $\chi^2/\text{NDF}: 38098096180391062431092176239781216256.0/10$

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 43.994+/-0.000 χ^2/NDF : 144038877087981194806470678002270208.0/11

Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

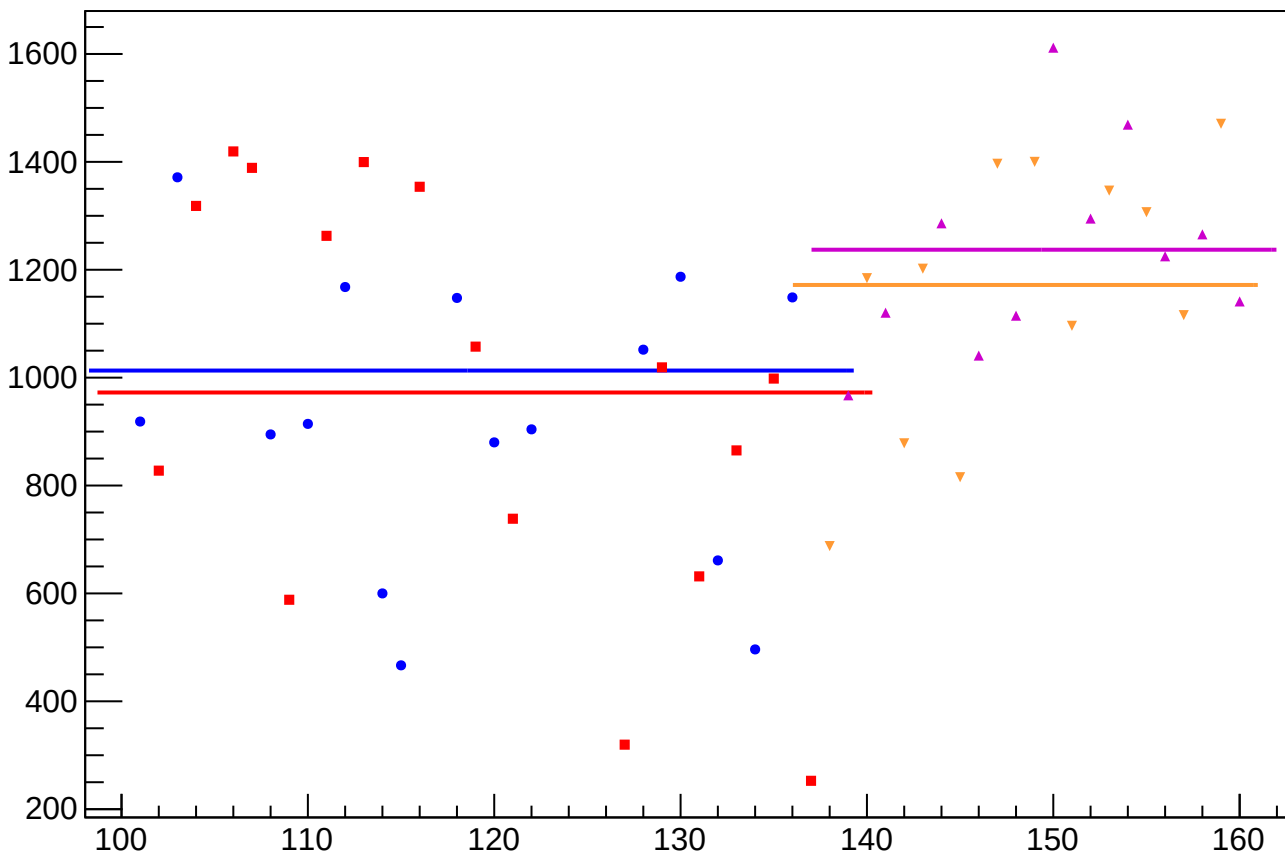
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ sign 67.306+/-0.000 χ^2/NDF : 9154119203552440

All: 63.832+/-0.000 χ^2/NDF : 1341063315555

- sign 60.419+/-0.000 χ^2/NDF : 4219125097072467

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807 ± 0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

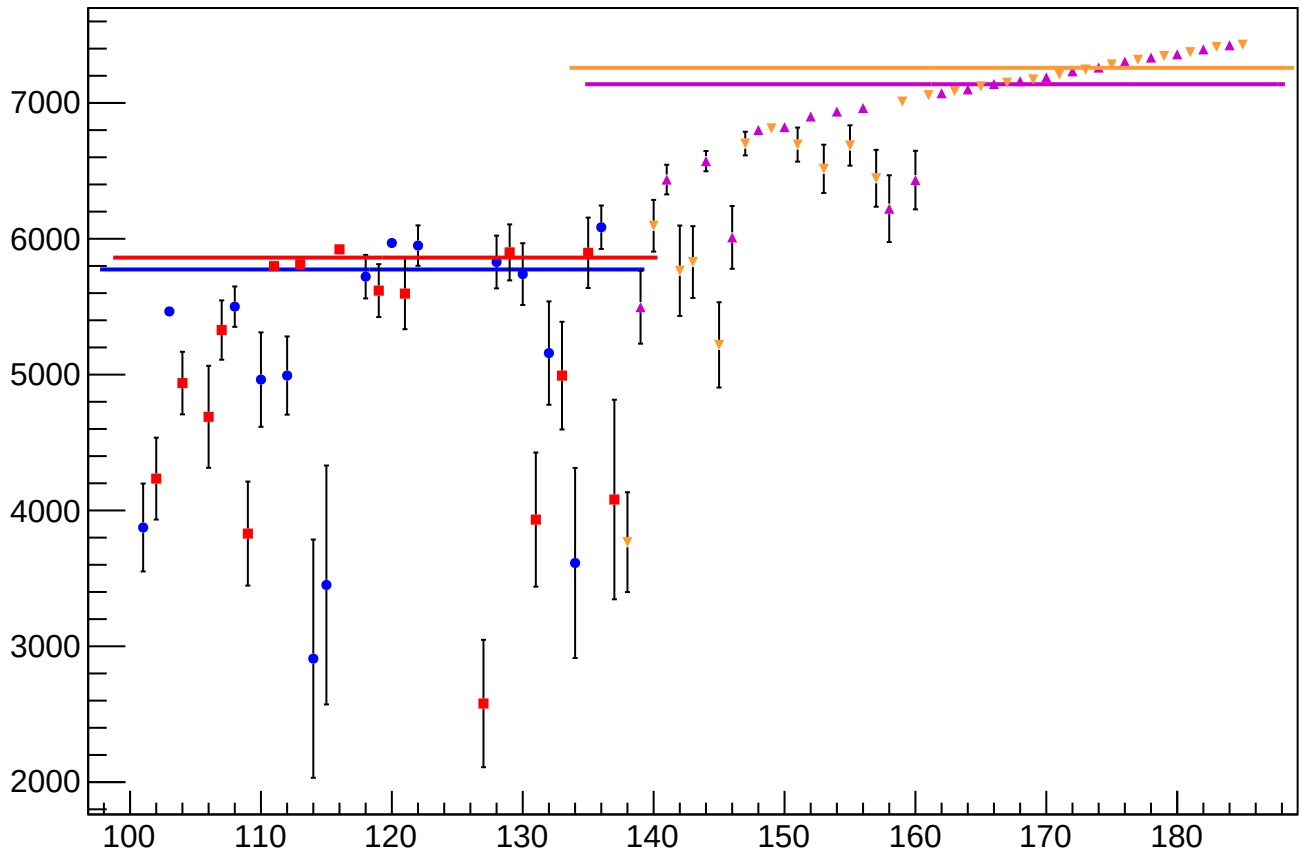
Left In: 1237.150 ± 0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927 ± 0.000 χ^2/NDF : 93699894673441

All: 1116.146 ± 0.000 χ^2/NDF : 23037003763

- sign 1126.185 ± 0.000 χ^2/NDF : 13634656733460

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2/NDF : 1828526.5/14

Left Out: 7258.636 $\pm$ 0.092 χ^2/NDF : 4237941.4/24

Right Out: 5861.461 $\pm$ 0.140 χ^2/NDF : 180020.4/15

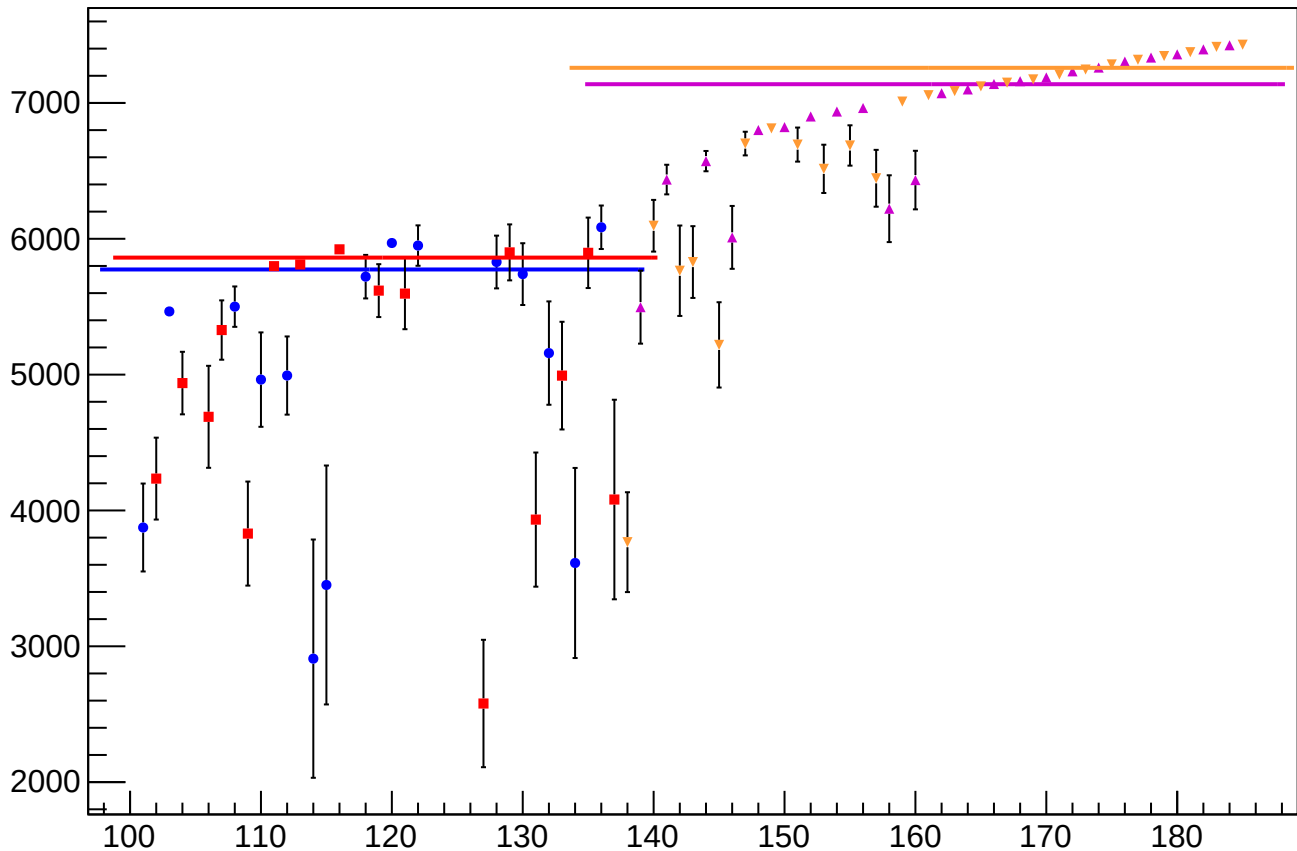
Left In: 7137.987 $\pm$ 0.098 χ^2/NDF : 4549121.8/22

+ sign 6955.870 $\pm$ 0.082 χ^2/NDF : 59347357.6/39

All: 6833.085 $\pm$ 0.057 χ^2/NDF : 124412873.1

- sign 6715.075 $\pm$ 0.080 χ^2/NDF : 60662698.5/38

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2 /NDF: 4237941.4/24

Right Out: 5861.461+/-0.140 χ^2 /NDF: 180020.4/15

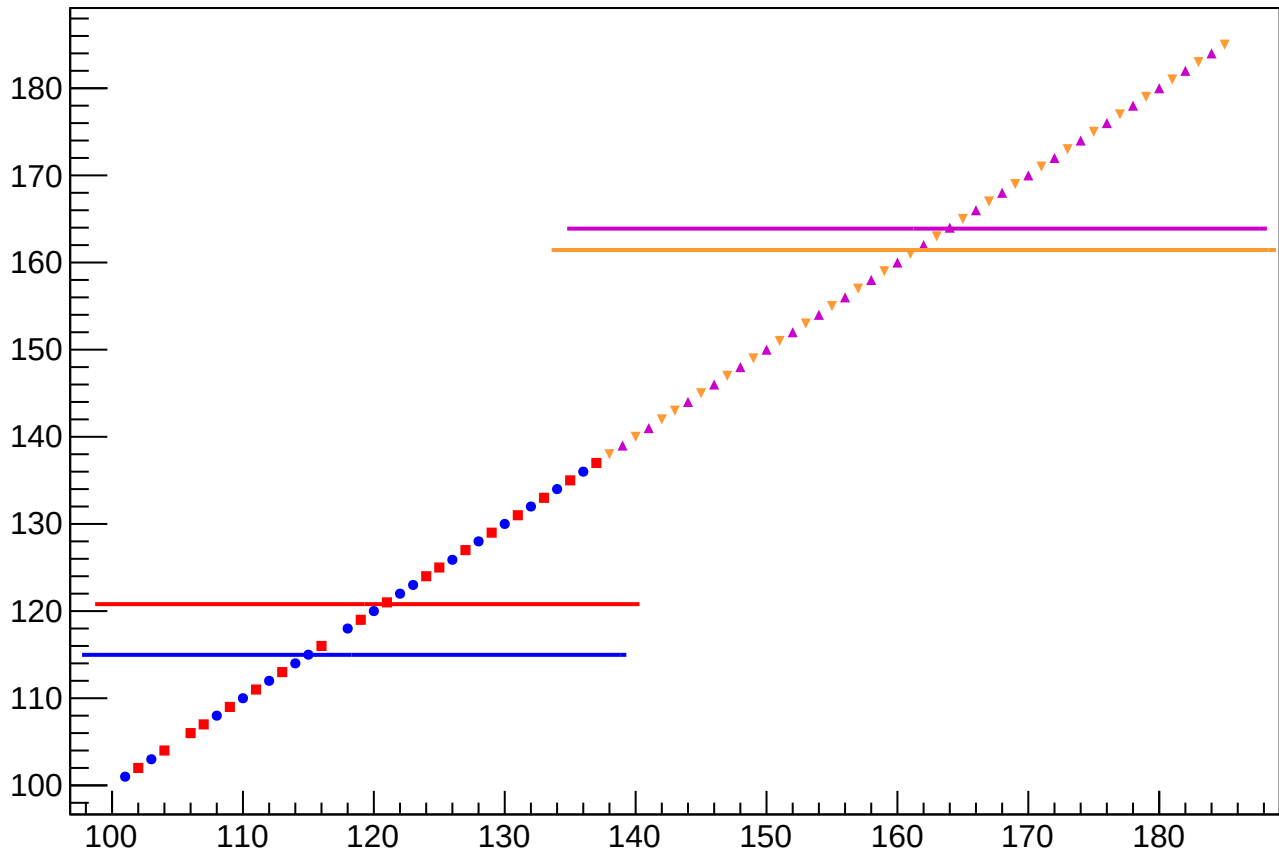
Left In: 7137.987+/-0.098 χ^2 /NDF: 4549121.8/22

+ sign 6955.870+/-0.082 χ^2 /NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2 /NDF: 124412873.1

- sign 6715.075+/-0.080 χ^2 /NDF: 60662698.5/38

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16

Left Out: 161.437+/-0.000 χ^2/NDF : 144351415086772086919986205949952.0/24

Right Out: 120.798+/-0.000 χ^2/NDF : 39759758039532944522978032353280.0/17

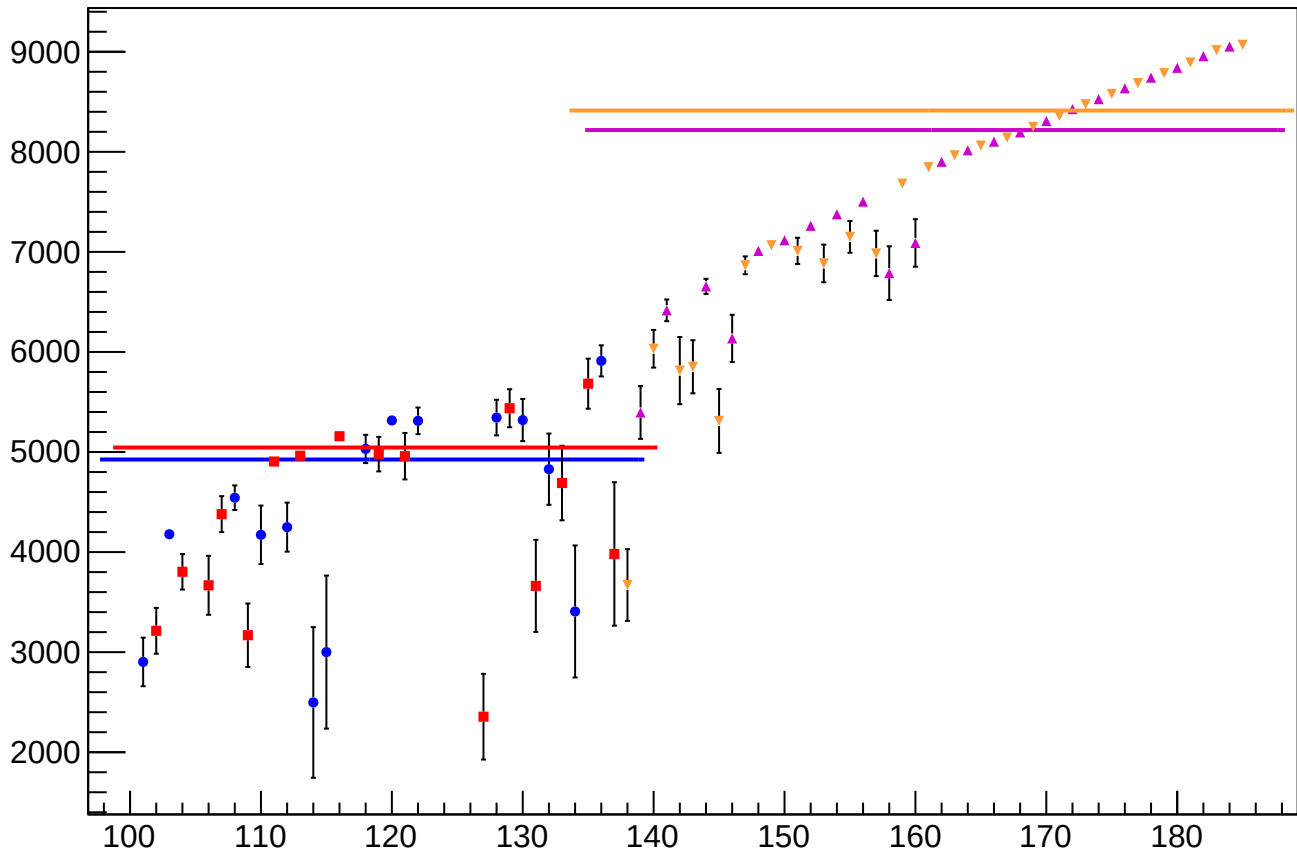
Left In: 163.890+/-0.000 χ^2/NDF : 206308926090069183709360387260416.0/22

+ sign 133.483+/-0.000 χ^2/NDF : 152516030568371

All: 139.354+/-0.000 χ^2/NDF : 299301426527

- sign 145.590+/-0.000 χ^2/NDF : 129353472103461

dit_cyclenum_mean vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 8412.753 ± 0.396 χ^2/NDF : 2106465.3/24

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

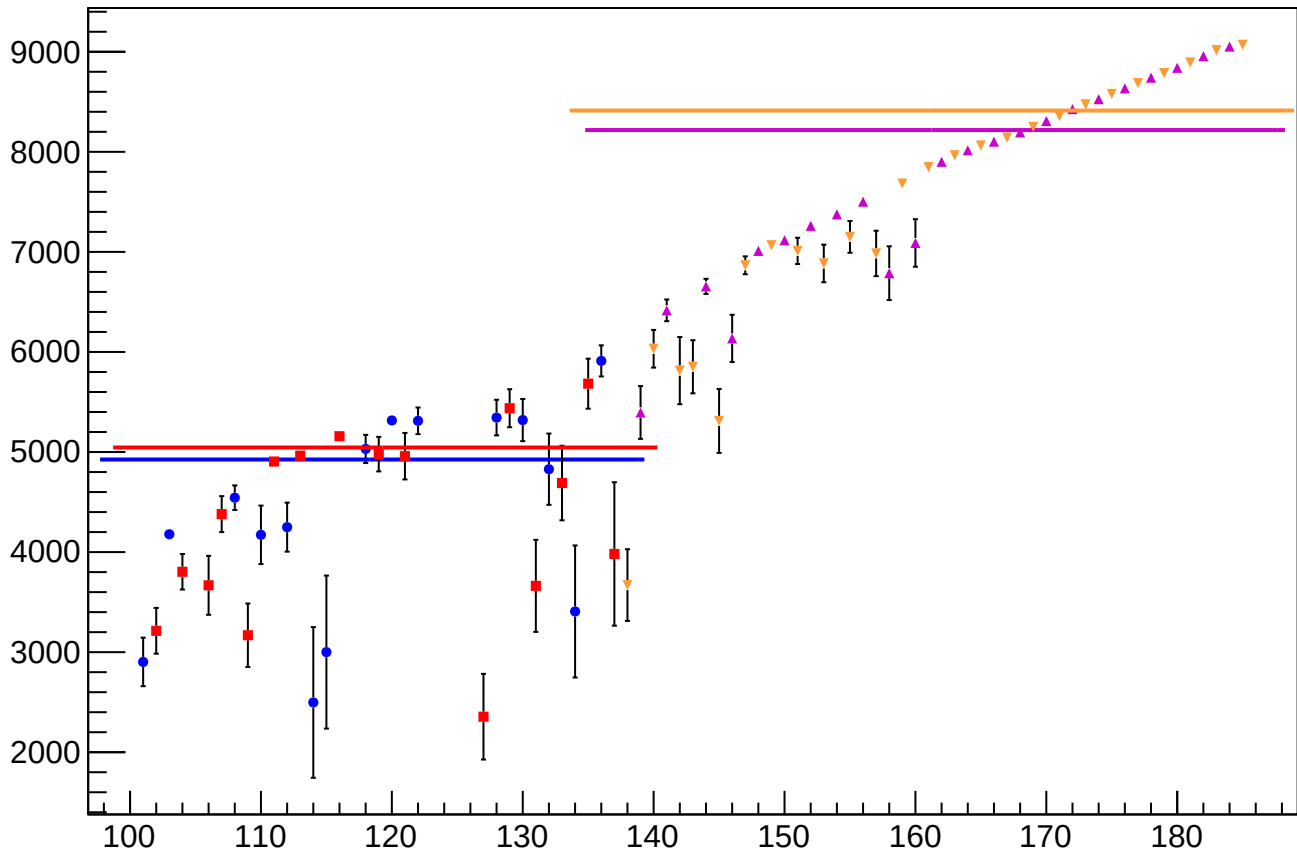
Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ sign 7886.489 ± 0.365 χ^2/NDF : 14157267.1/39

All: 7641.112 ± 0.245 χ^2/NDF : 35014772.5/7

- sign 7439.138 ± 0.331 χ^2/NDF : 20031979.1/38

dit_cyclenum_rms vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 8412.753 $\pm$ 0.396 χ^2 /NDF: 2106465.3/24

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ sign 7886.489 $\pm$ 0.365 χ^2 /NDF: 14157267.1/39

All: 7641.112 $\pm$ 0.245 χ^2 /NDF: 35014772.5/7

- sign 7439.138 $\pm$ 0.331 χ^2 /NDF: 20031979.1/38

dit_scandata1_mean vs Slug



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

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

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

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

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

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

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

dit_scandata1_rms vs Slug



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

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

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

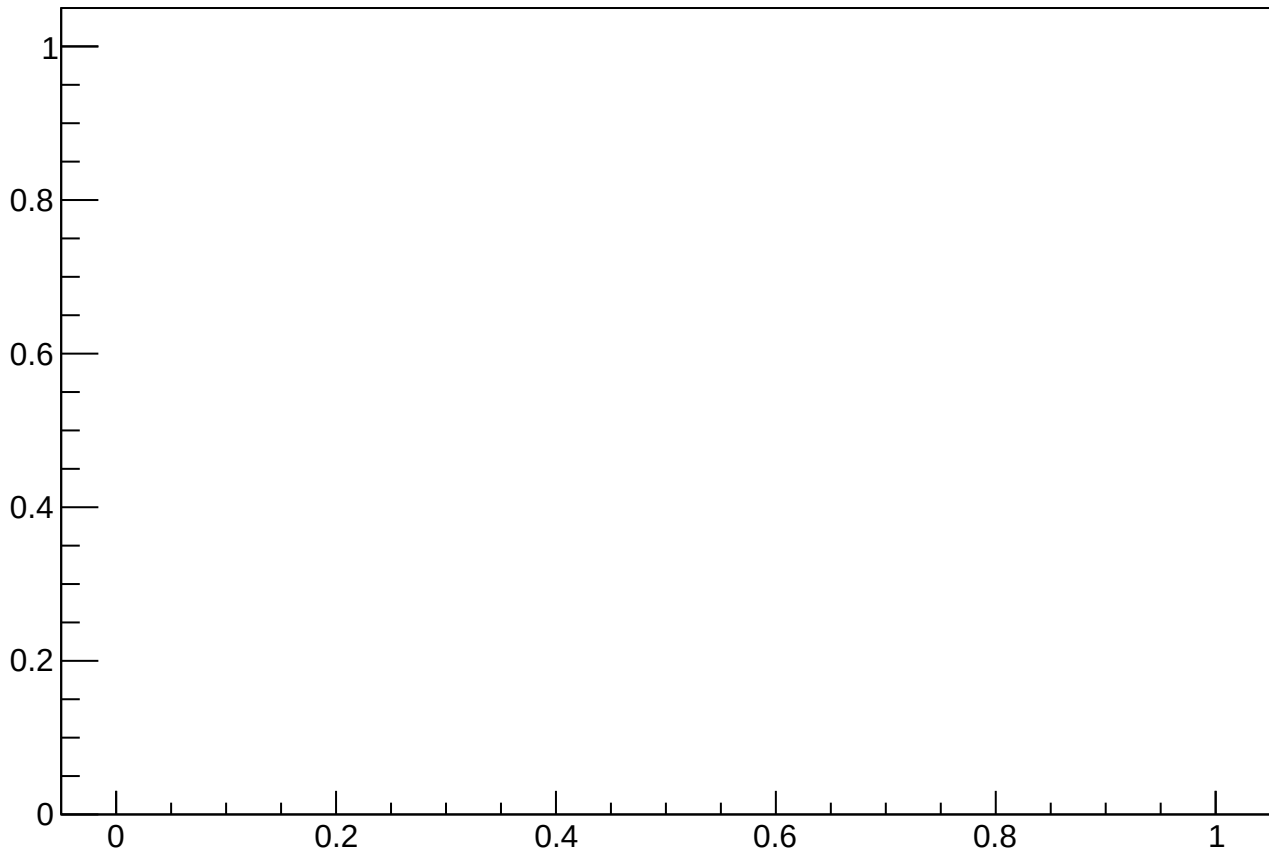
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



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

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

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

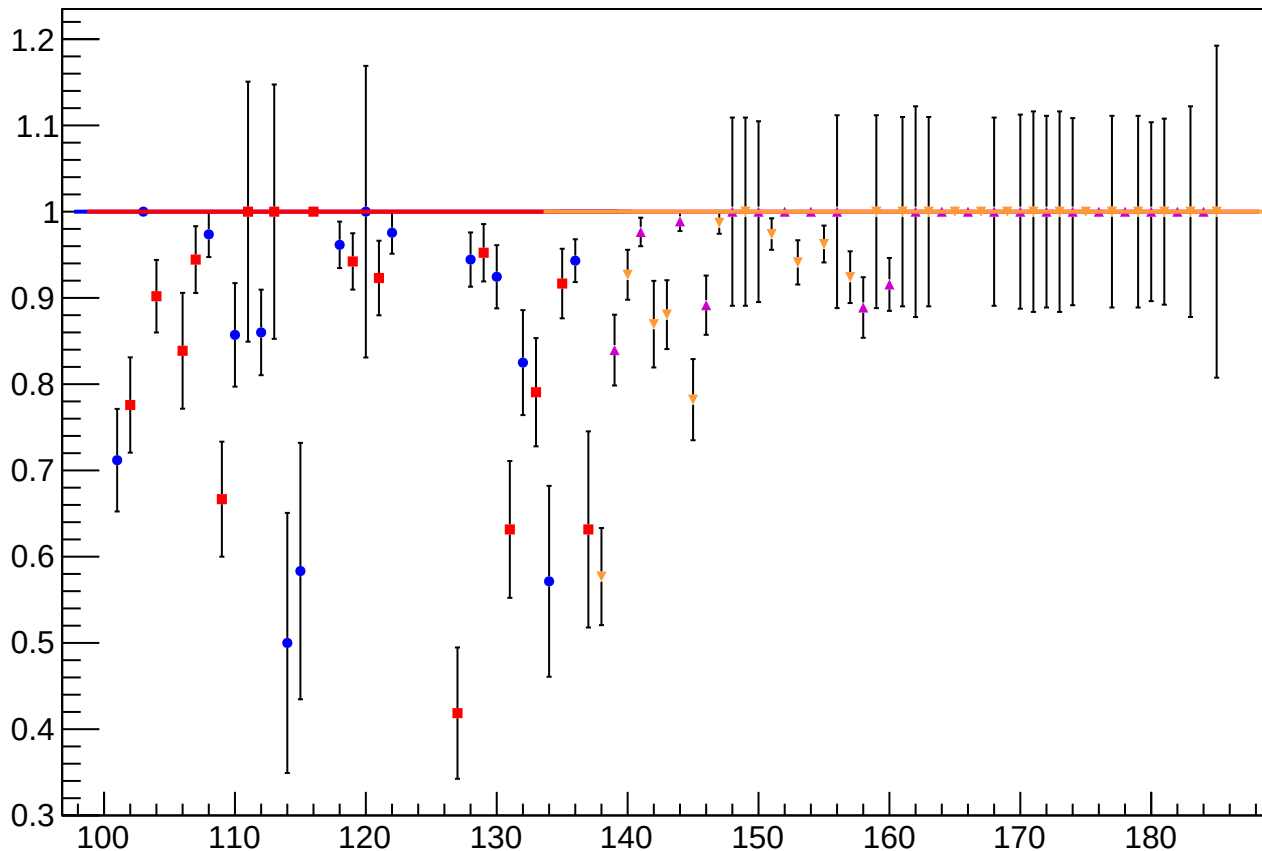
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

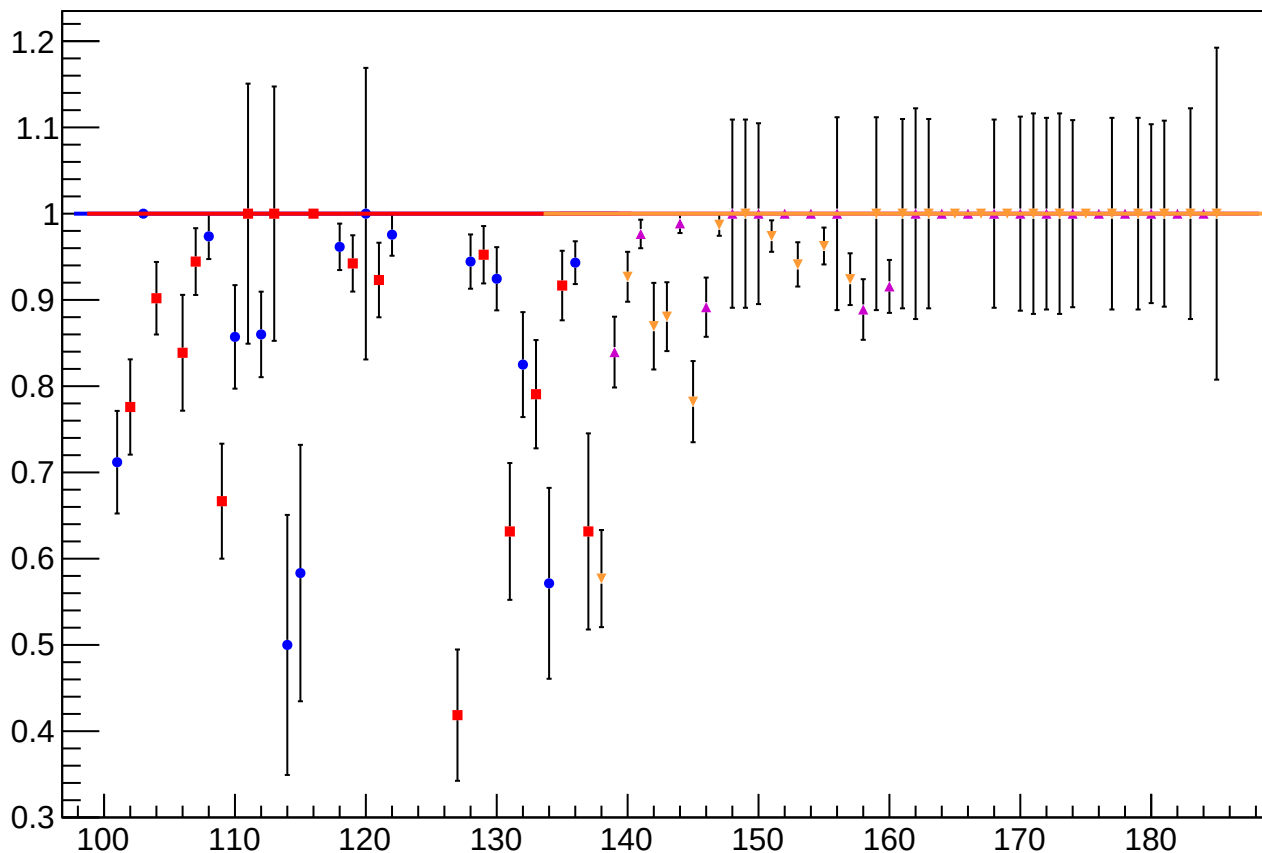
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/39

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1354.4/78

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 610.7/38

dit_flag_rms vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 1.000 ± 0.000 χ^2/NDF : 1596.8/24

Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

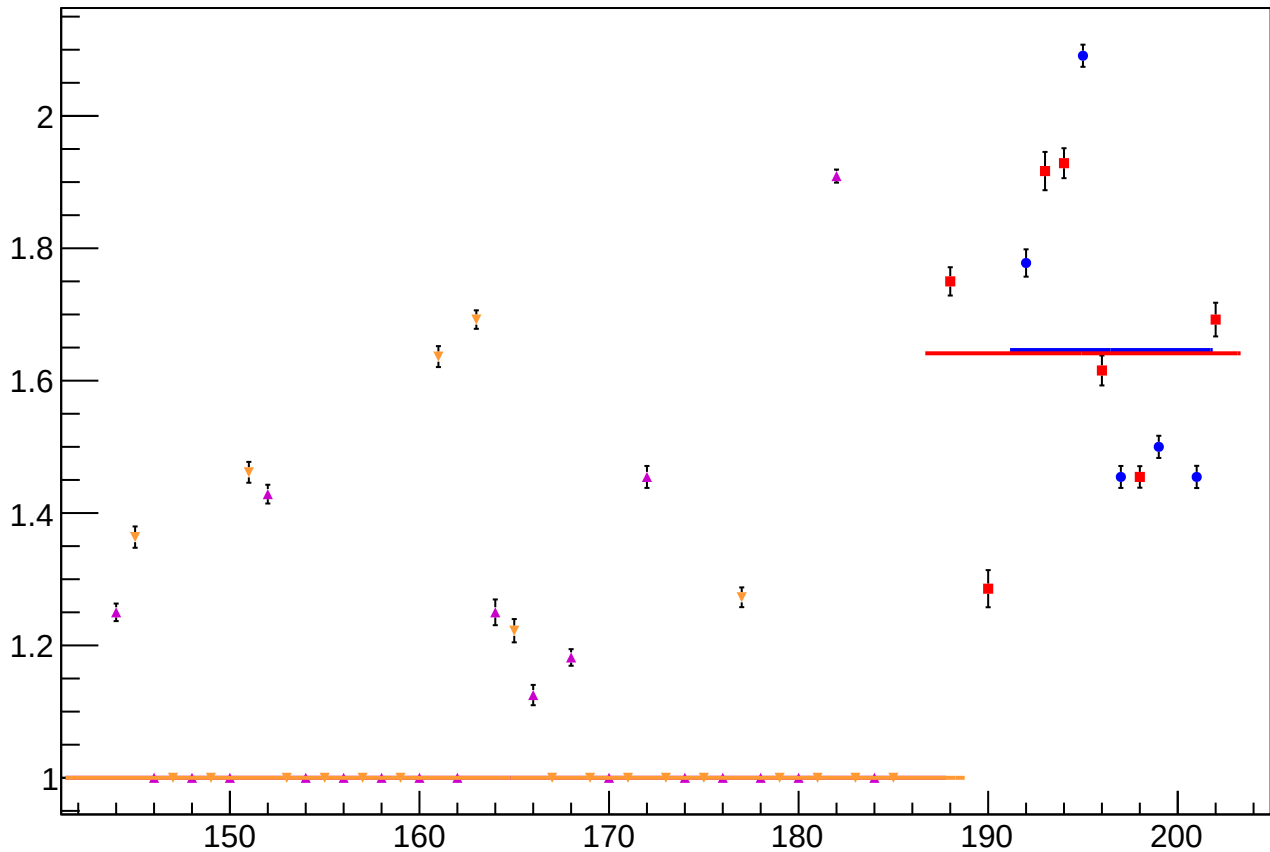
Left In: 1.000 ± 0.000 χ^2/NDF : 385.6/22

+ sign 1.000 ± 0.000 χ^2/NDF : 567.7/39

All: 1.000 ± 0.000 χ^2/NDF : 1354.4/78

- sign 1.000 ± 0.000 χ^2/NDF : 610.7/38

dit_segment_slope vs Slug



Right In: 1.646 $\pm$ 0.008 χ^2 /NDF: 1088.1/4

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:18616.2/20

Right Out: 1.641 $\pm$ 0.008 χ^2 /NDF: 575.0/6

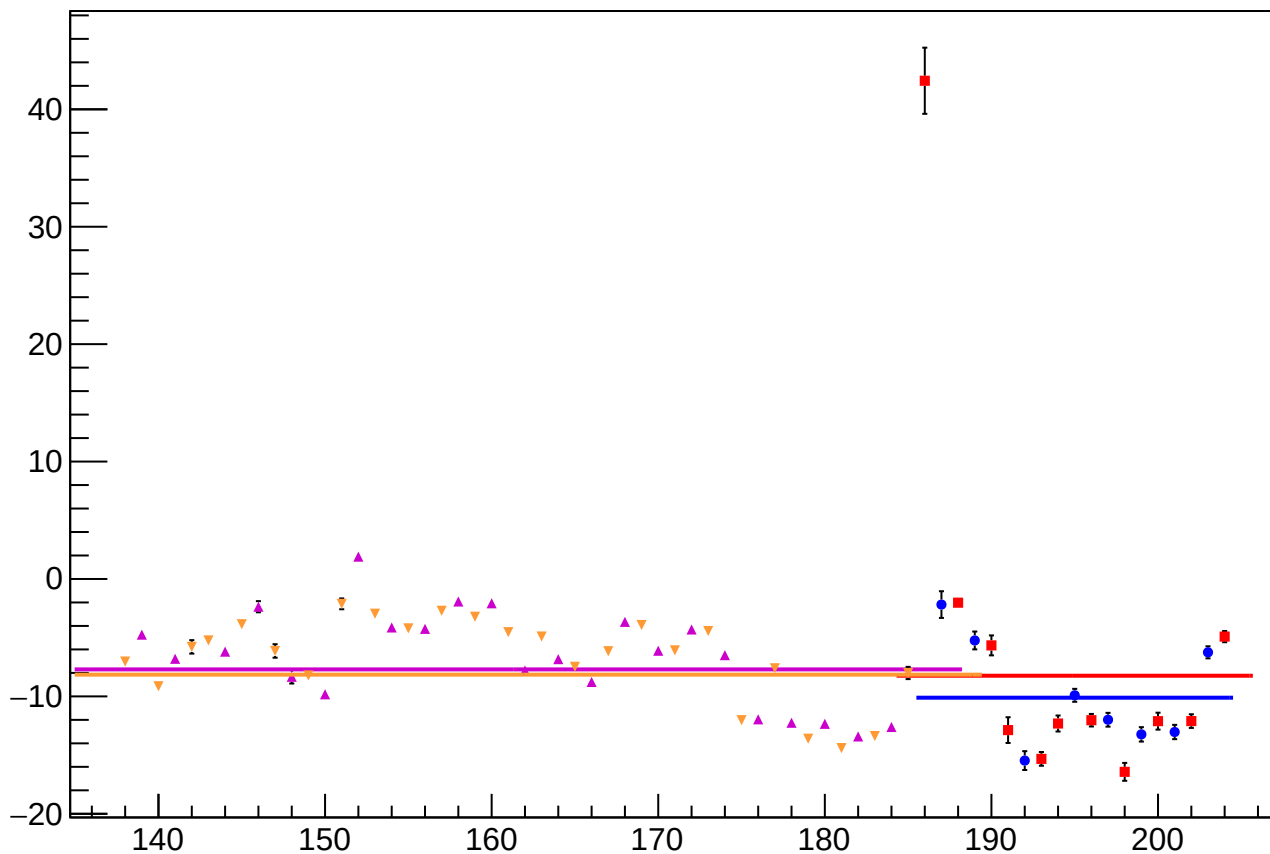
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:12089.0/20

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 26665.7/25

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 33445.8/53

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 18371.6/27

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -10.111 ± 0.227 χ^2/NDF : 250.5/7

Left Out: -8.149 ± 0.068 χ^2/NDF : 3613.1/24

Right Out: -8.240 ± 0.180 χ^2/NDF : 1162.9/10

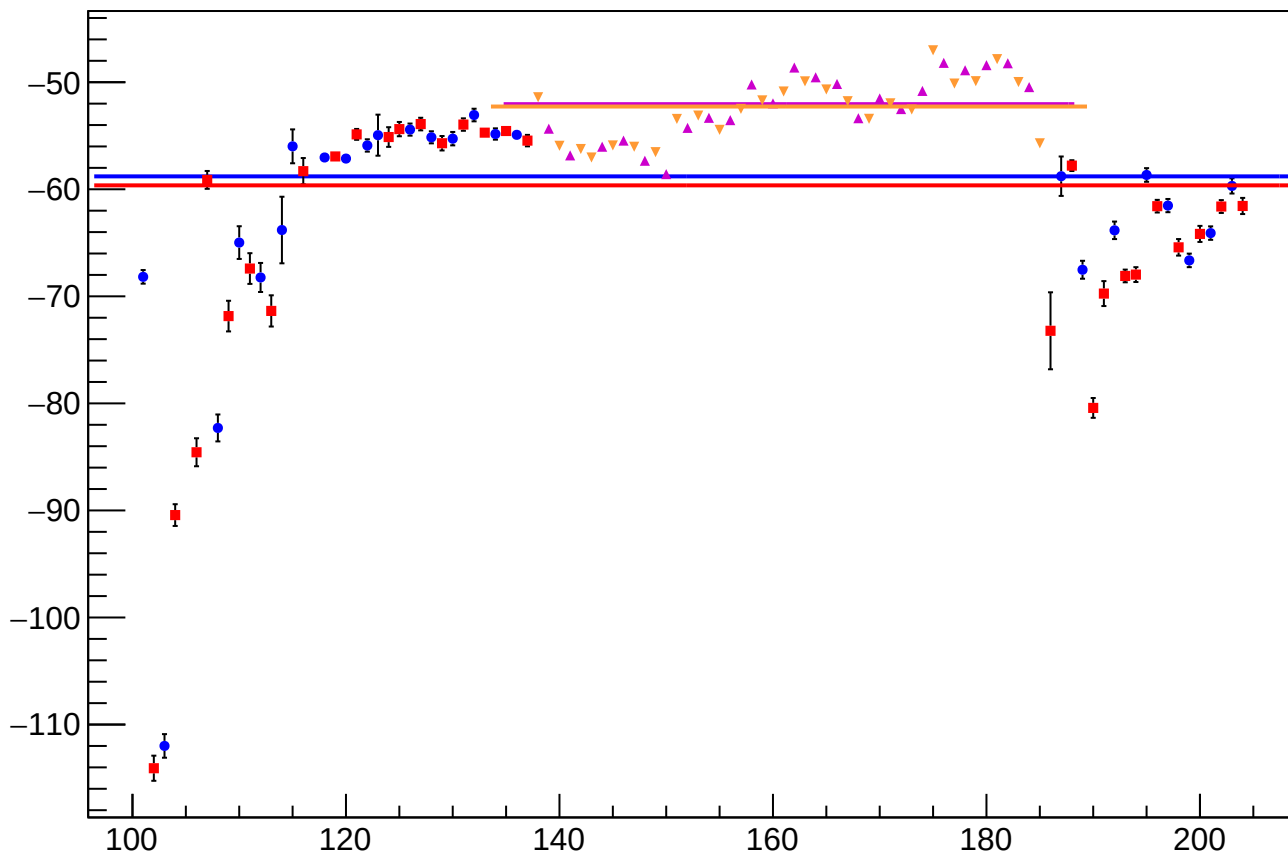
Left In: -7.701 ± 0.068 χ^2/NDF : 3737.2/22

+ sign -8.309 ± 0.065 χ^2/NDF : 3932.3/32

All: -8.036 ± 0.046 χ^2/NDF : 8875.4/66

- sign -7.769 ± 0.064 χ^2/NDF : 4908.0/33

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -58.795 ± 0.124 $\chi^2/\text{NDF}: 3923.9/24$

Left Out: -52.271 ± 0.055 $\chi^2/\text{NDF}: 2609.6/24$

Right Out: -59.635 ± 0.119 $\chi^2/\text{NDF}: 5614.7/28$

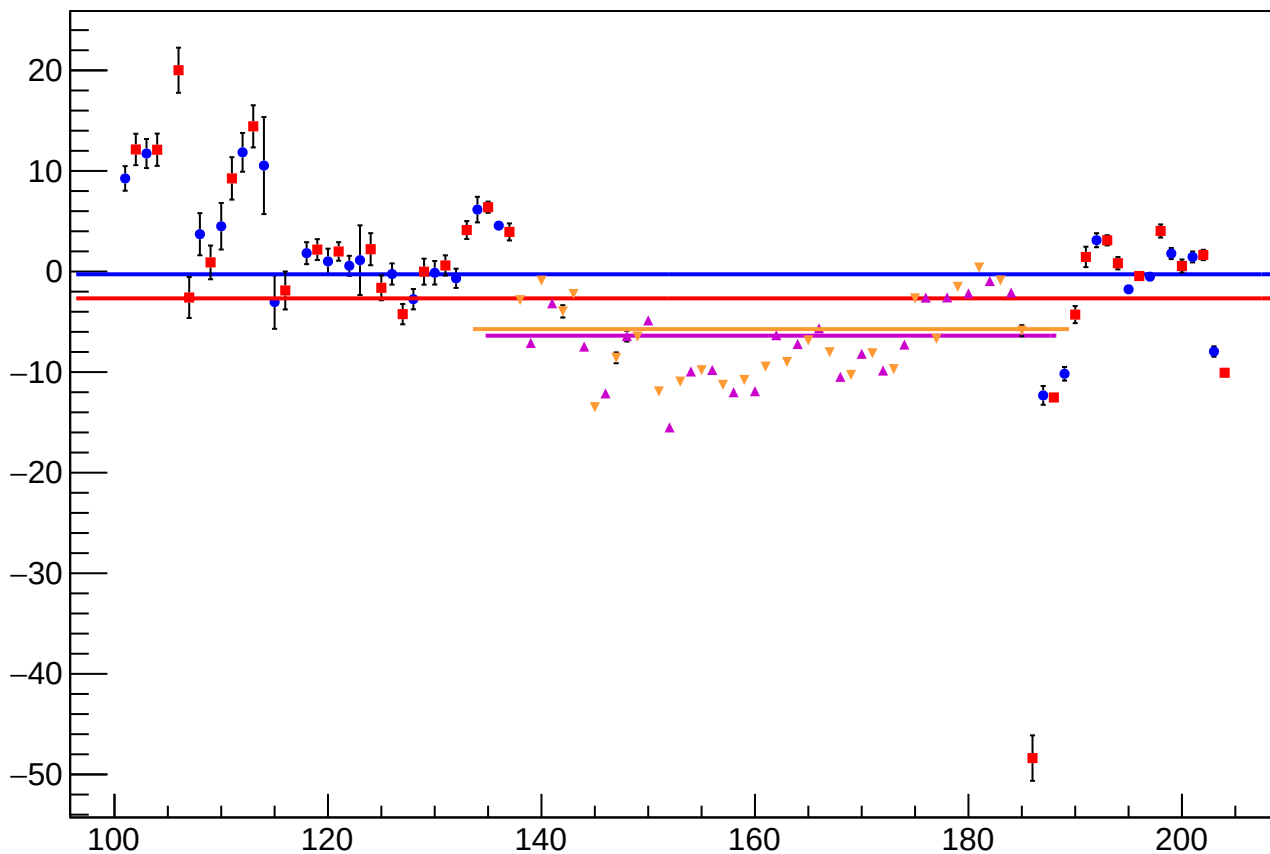
Left In: -52.050 ± 0.057 $\chi^2/\text{NDF}: 3197.5/22$

+ sign -53.354 ± 0.050 $\chi^2/\text{NDF}: 8850.5/49$

All: -53.407 ± 0.036 $\chi^2/\text{NDF}: 20964.3/101$

- sign -53.463 ± 0.051 $\chi^2/\text{NDF}: 12111.4/51$

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -0.275 ± 0.159 χ^2/NDF : 1022.9/24

Left Out: -5.725 ± 0.068 χ^2/NDF : 3989.1/24

Right Out: -2.670 ± 0.136 χ^2/NDF : 3181.2/28

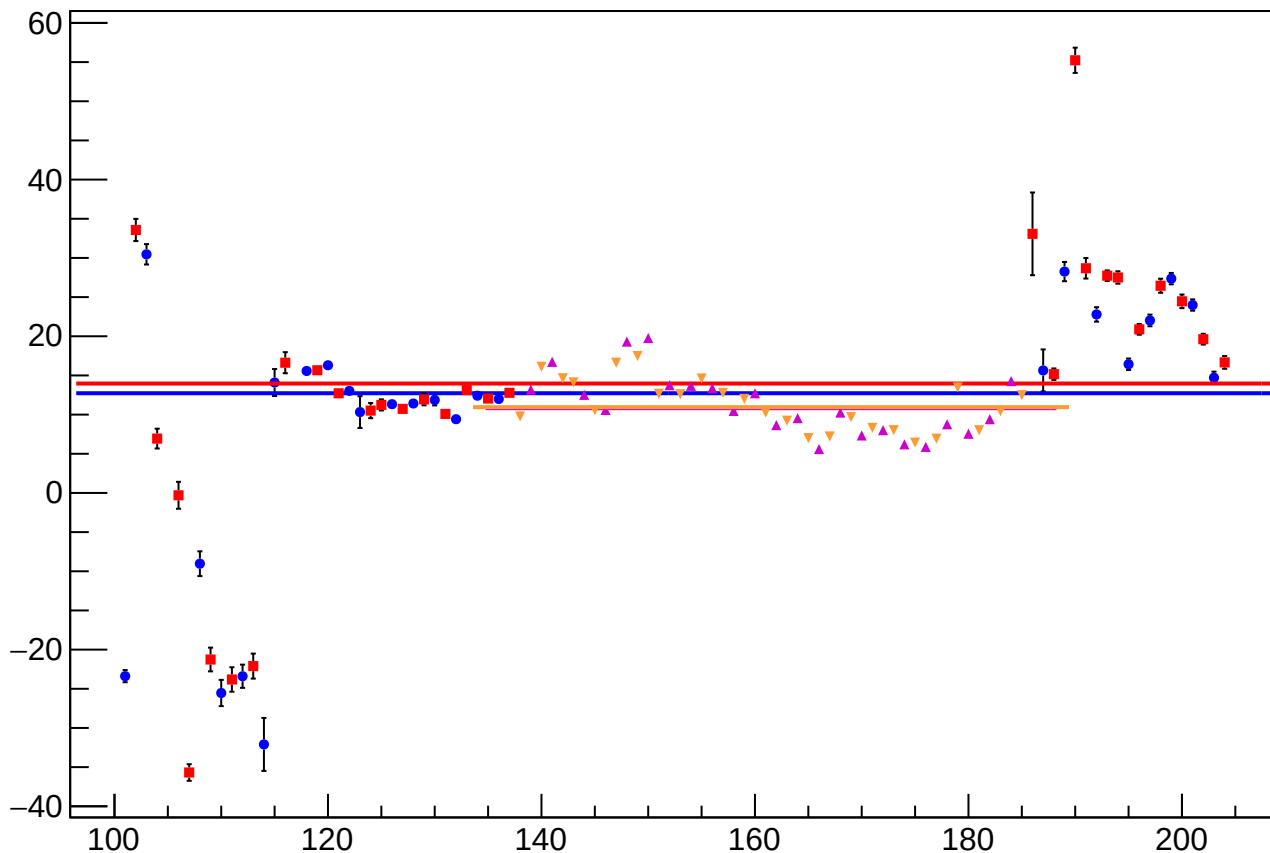
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -4.890 ± 0.062 χ^2/NDF : 6004.9/49

All: -5.269 ± 0.044 χ^2/NDF : 13247.1/101

- sign -5.634 ± 0.061 χ^2/NDF : 7169.3/51

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.729 ± 0.139 χ^2/NDF : 5064.7/24

Left Out: 10.950 ± 0.062 χ^2/NDF : 2620.4/24

Right Out: 13.967 ± 0.136 χ^2/NDF : 6319.0/28

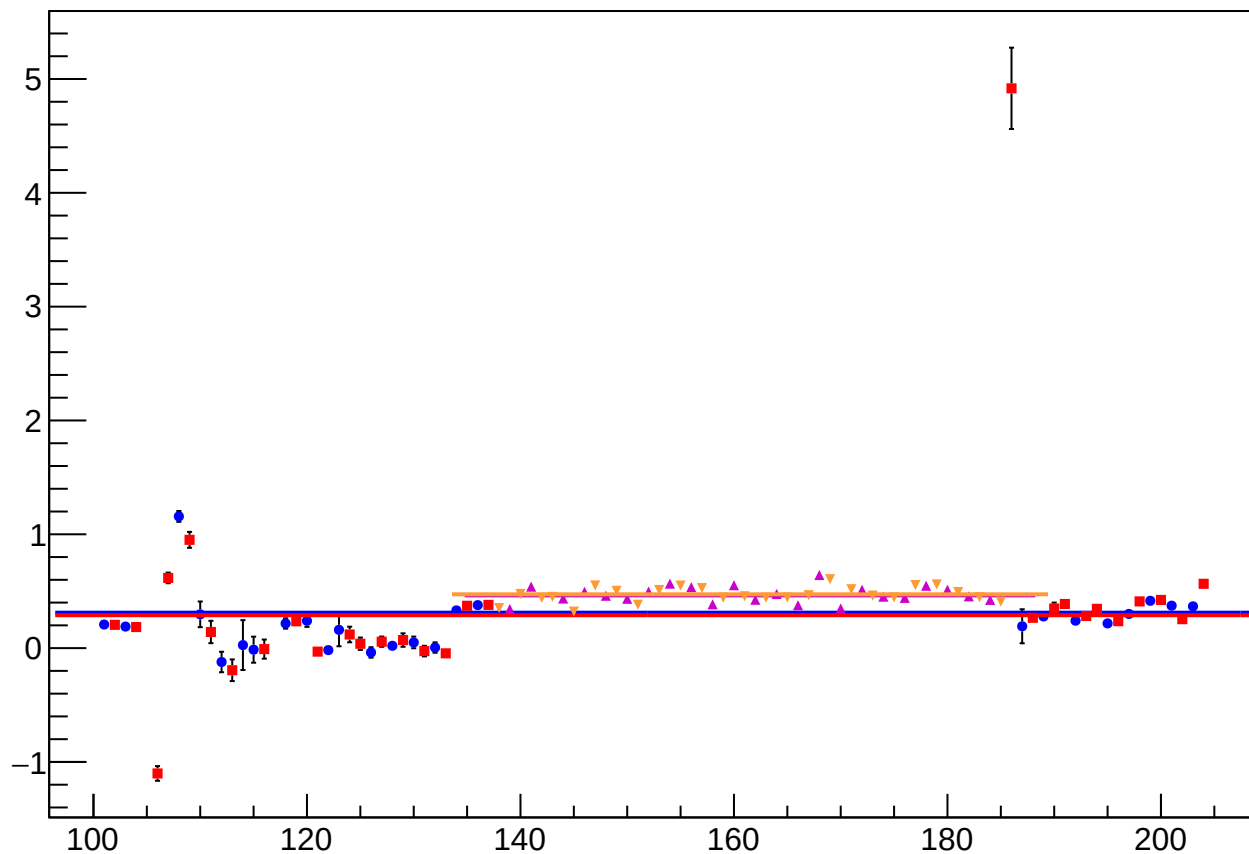
Left In: 10.818 ± 0.063 χ^2/NDF : 3577.7/22

+ sign 11.242 ± 0.056 χ^2/NDF : 7822.2/49

All: 11.307 ± 0.040 χ^2/NDF : 18163.2/101

- sign 11.374 ± 0.057 χ^2/NDF : 10338.3/51

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.311 ± 0.006 χ^2/NDF : 711.5/24

Left Out: 0.473 ± 0.003 χ^2/NDF : 515.0/24

Right Out: 0.289 ± 0.006 χ^2/NDF : 1279.0/28

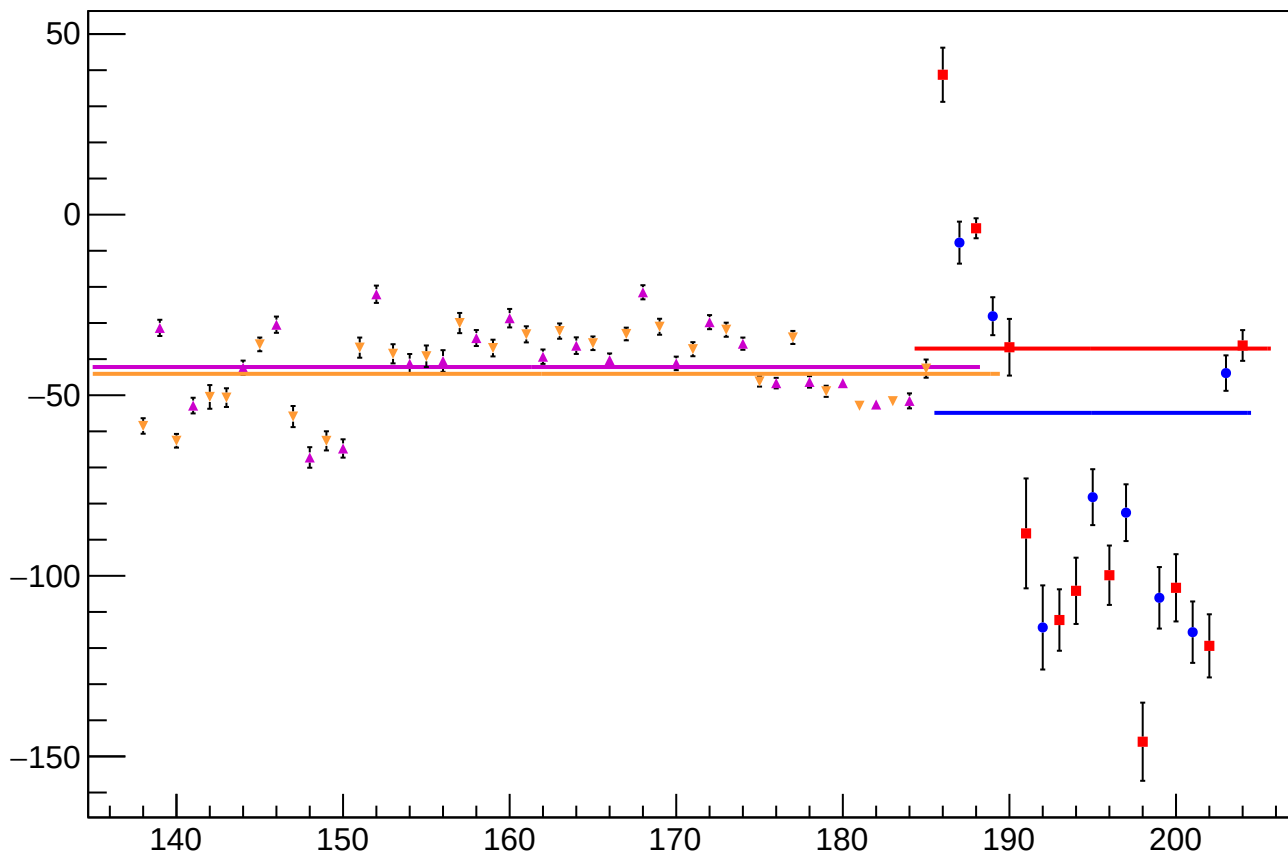
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.446 ± 0.003 χ^2/NDF : 1800.3/49

All: 0.439 ± 0.002 χ^2/NDF : 4556.6/101

- sign 0.432 ± 0.003 χ^2/NDF : 2741.8/51

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -54.879 ± 2.389 χ^2/NDF : 231.3/7

Left Out: -44.074 ± 0.389 χ^2/NDF : 632.8/24

Right Out: -37.078 ± 1.832 χ^2/NDF : 688.9/10

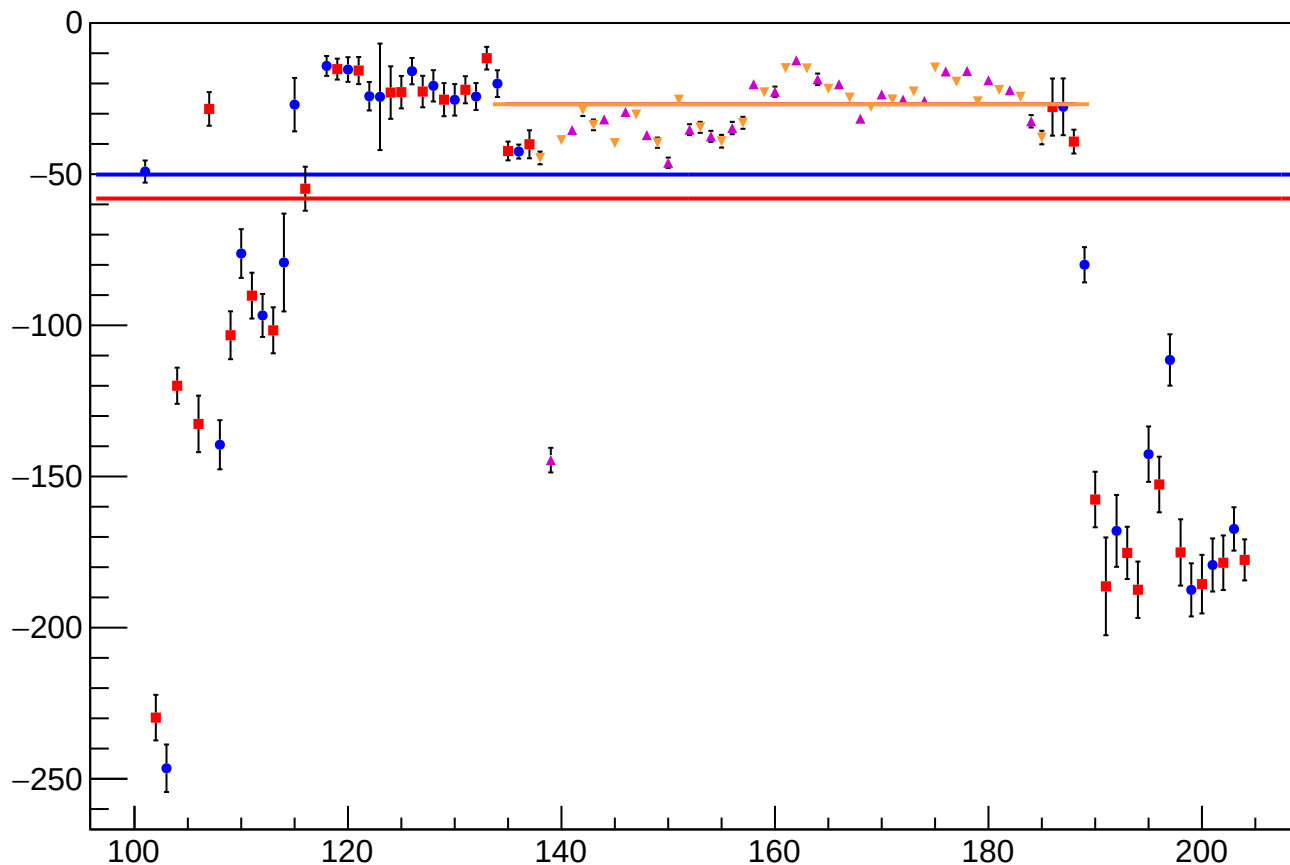
Left In: -42.185 ± 0.398 χ^2/NDF : 651.0/22

+ sign -44.353 ± 0.384 χ^2/NDF : 884.0/32

All: -43.168 ± 0.273 χ^2/NDF : 2250.7/66

- sign -41.956 ± 0.388 χ^2/NDF : 1347.4/33

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -50.127 ± 1.058 χ^2/NDF : 2252.7/24

Left Out: -26.867 ± 0.317 χ^2/NDF : 629.1/24

Right Out: -58.056 ± 1.077 χ^2/NDF : 2913.3/28

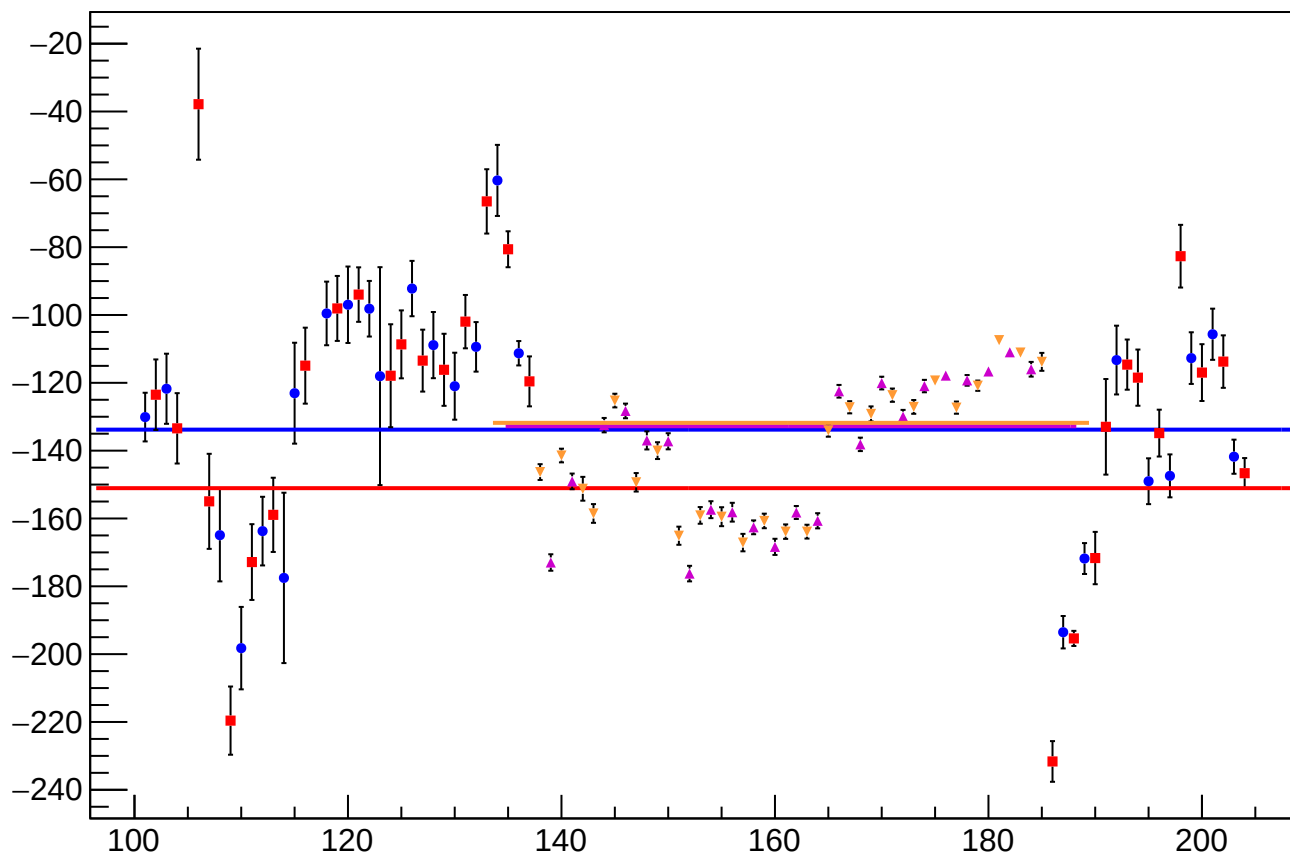
Left In: -26.825 ± 0.325 χ^2/NDF : 1481.6/22

+ sign -28.782 ± 0.304 χ^2/NDF : 3325.0/49

All: -29.101 ± 0.217 χ^2/NDF : 8492.7/101

- sign -29.438 ± 0.312 χ^2/NDF : 5165.4/51

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -133.804 $\pm$ 1.481 χ^2 /NDF: 487.9/24

Left Out: -131.805 $\pm$ 0.392 χ^2 /NDF:2417.0/24

Right Out: -151.061 $\pm$ 1.289 χ^2 /NDF: 1288.9/28

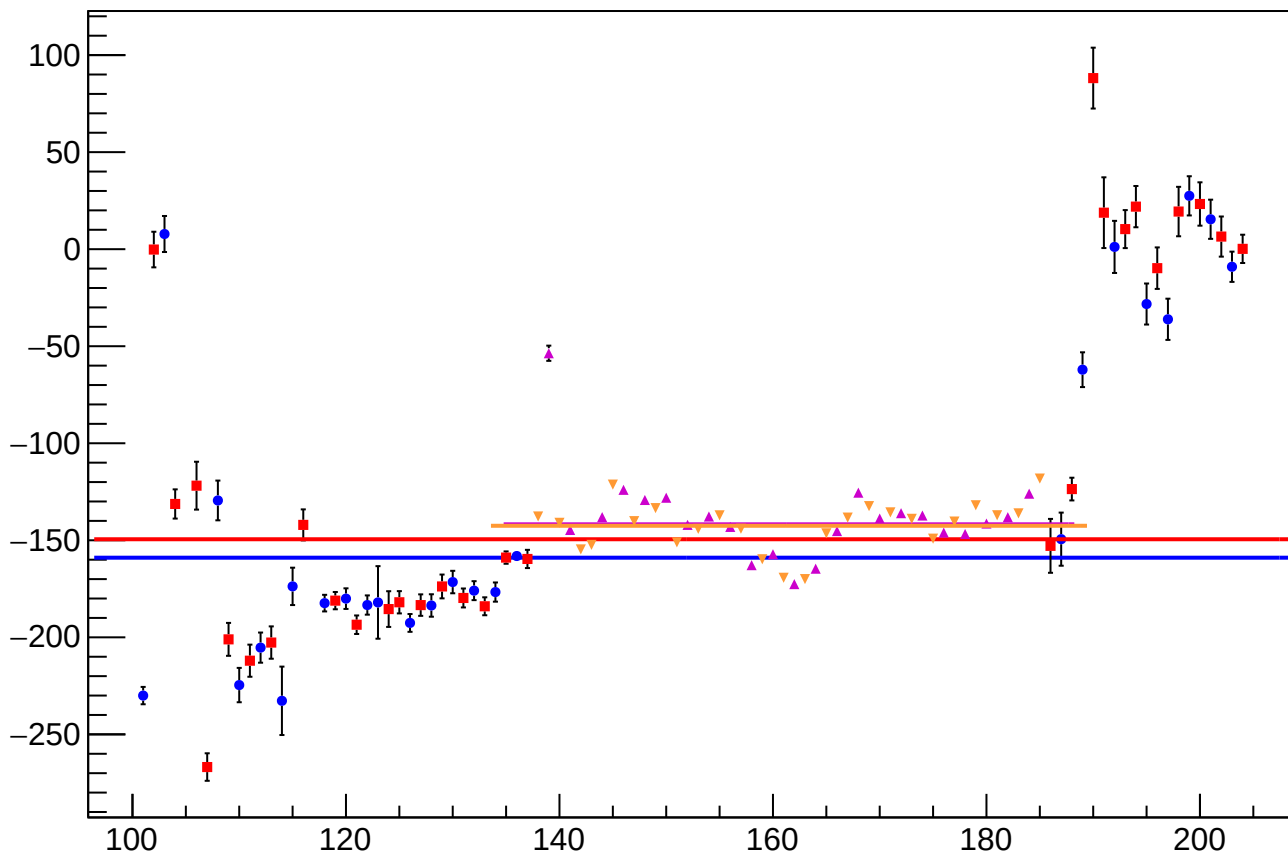
Left In: -132.799 $\pm$ 0.398 χ^2 /NDF:2515.9/22

+ sign -131.936 $\pm$ 0.379 χ^2 /NDF: 2906.6/49

All: -133.158 $\pm$ 0.268 χ^2 /NDF: 6915.6/101

- sign -134.388 $\pm$ 0.380 χ^2 /NDF: 3988.1/51

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -158.964 ± 1.196 χ^2/NDF : 2422.9/24

Left Out: -142.517 ± 0.355 χ^2/NDF : 1144.2/24

Right Out: -149.463 ± 1.236 χ^2/NDF : 3124.6/28

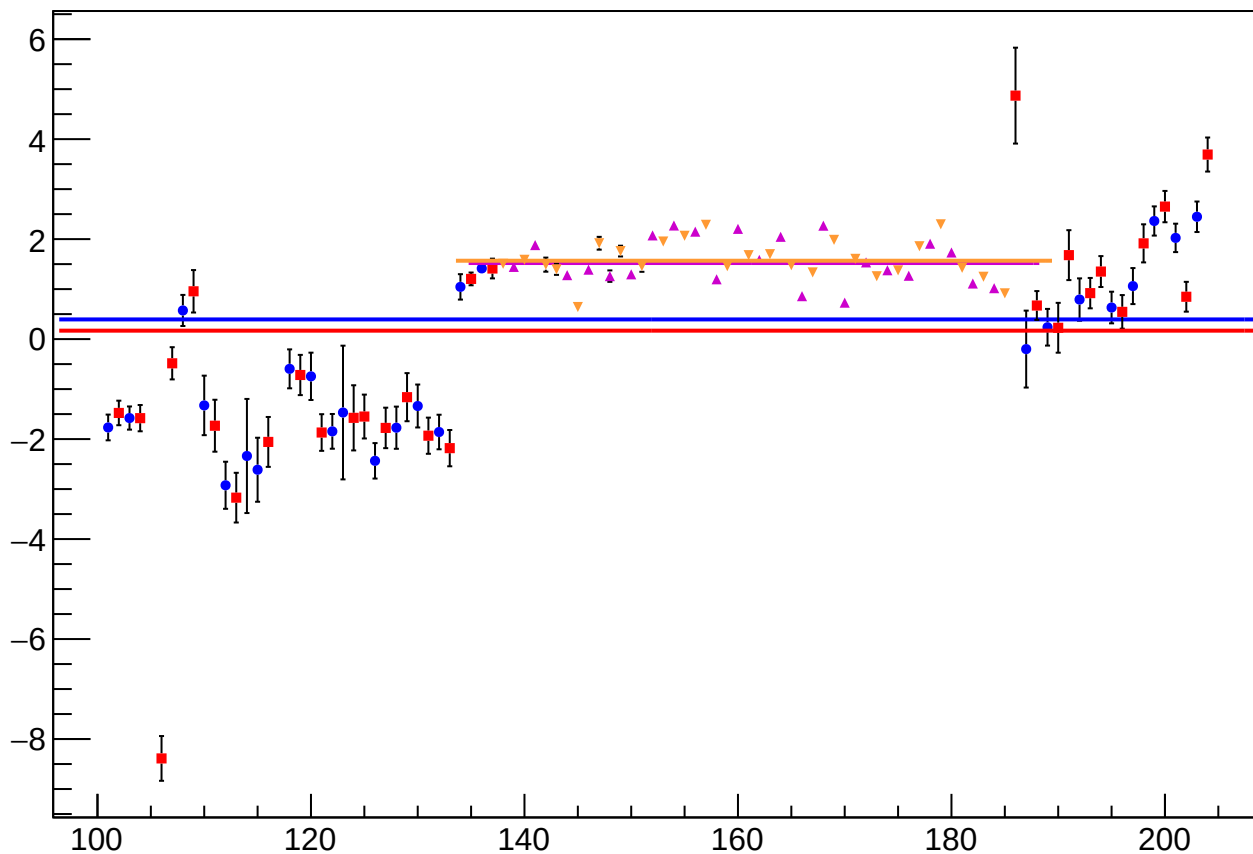
Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

+ sign -143.848 ± 0.340 χ^2/NDF : 3741.0/49

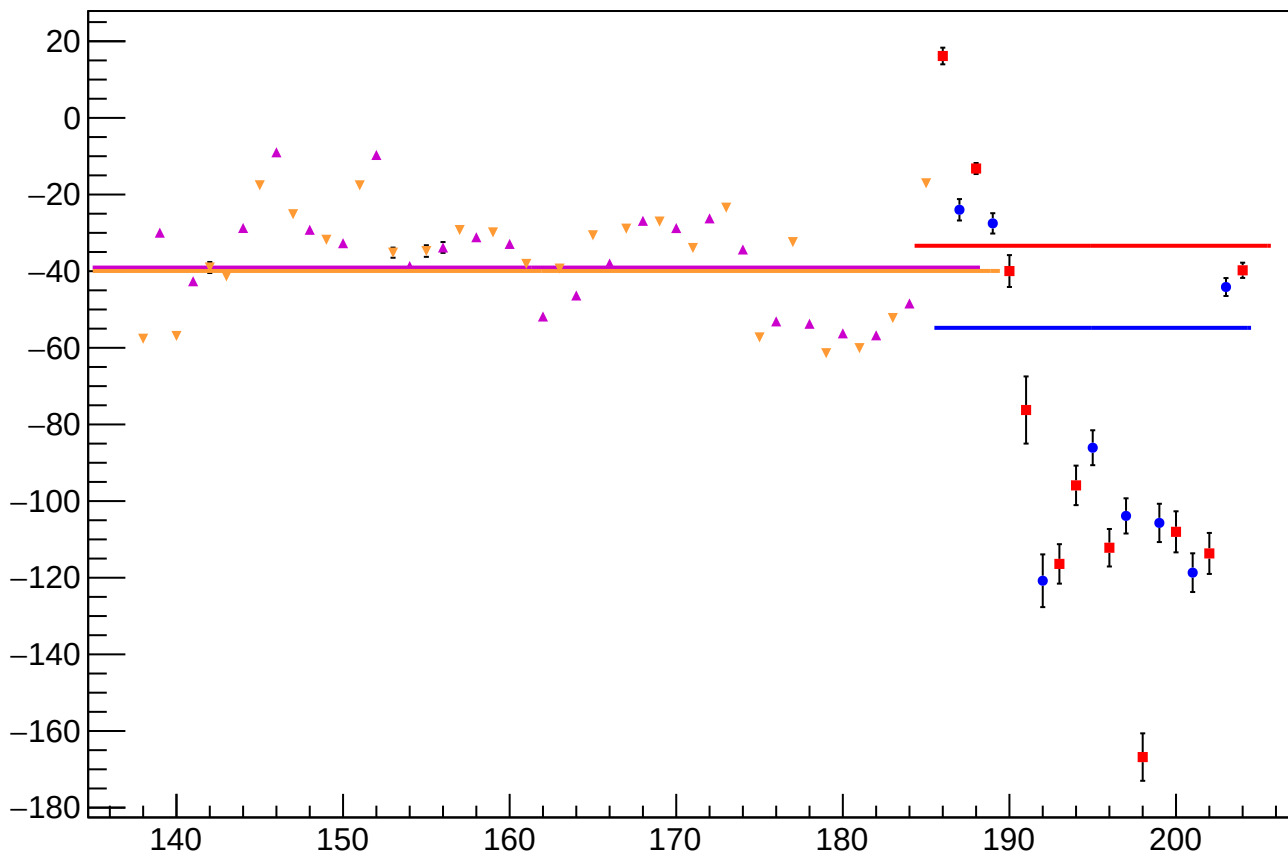
All: -143.130 ± 0.243 χ^2/NDF : 8514.8/101

- sign -142.379 ± 0.348 χ^2/NDF : 4764.6/51

reg_asym_sam2_diff_bpm12X_slope vs Slug



reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -54.789 ± 1.241 χ^2/NDF : 765.1/7

Left Out: -39.942 ± 0.153 χ^2/NDF : 9806.2/24

Right Out: -33.370 ± 0.901 χ^2/NDF : 2303.0/10

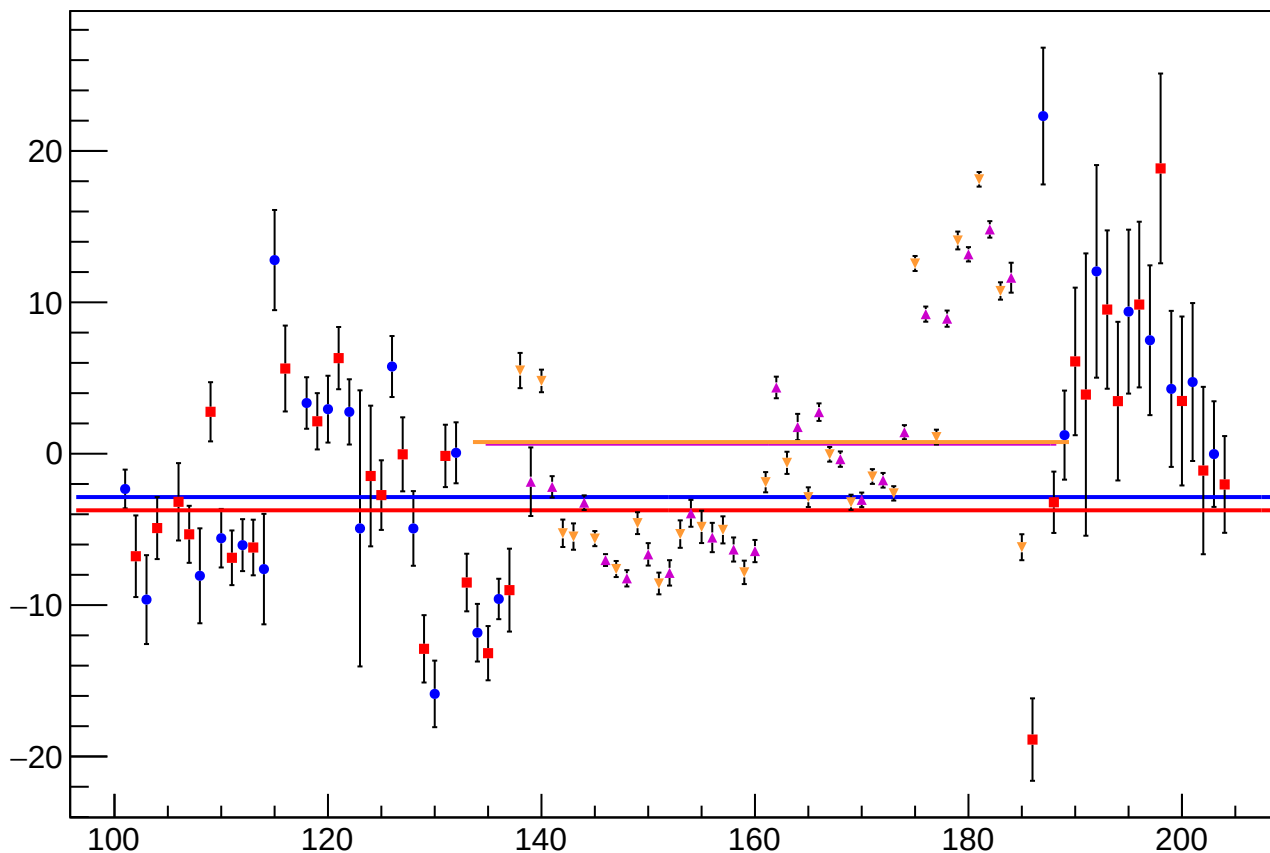
Left In: -39.060 ± 0.154 χ^2/NDF : 8577.0/22

+ sign -40.165 ± 0.152 χ^2/NDF : 10712.2/32

All: -39.530 ± 0.107 χ^2/NDF : 21665.6/66

- sign -38.899 ± 0.152 χ^2/NDF : 10918.7/33

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -2.864 ± 0.472 $\chi^2/\text{NDF}: 220.2/24$

Left Out: 0.770 ± 0.124 $\chi^2/\text{NDF}: 3952.9/24$

Right Out: -3.739 ± 0.466 $\chi^2/\text{NDF}: 188.9/28$

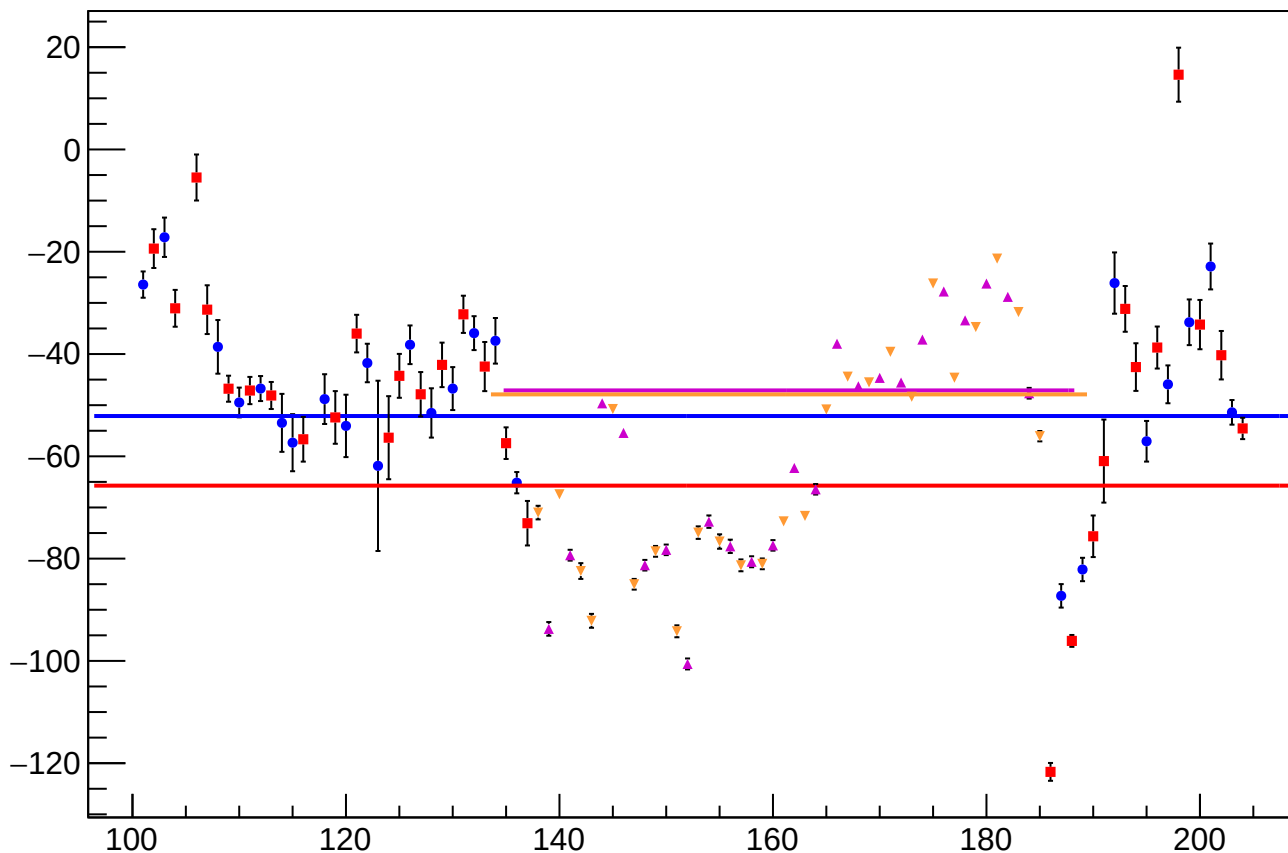
Left In: 0.662 ± 0.124 $\chi^2/\text{NDF}: 3340.9/22$

+ sign 0.534 ± 0.120 $\chi^2/\text{NDF}: 4228.7/49$

All: 0.452 ± 0.085 $\chi^2/\text{NDF}: 7842.8/101$

- sign 0.371 ± 0.120 $\chi^2/\text{NDF}: 3613.2/51$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -52.119 $\pm$ 0.689 χ^2 /NDF: 782.7/24

Left Out: -47.888 $\pm$ 0.155 χ^2 /NDF:16707.2/24

Right Out: -65.731 $\pm$ 0.582 χ^2 /NDF: 3069.4/28

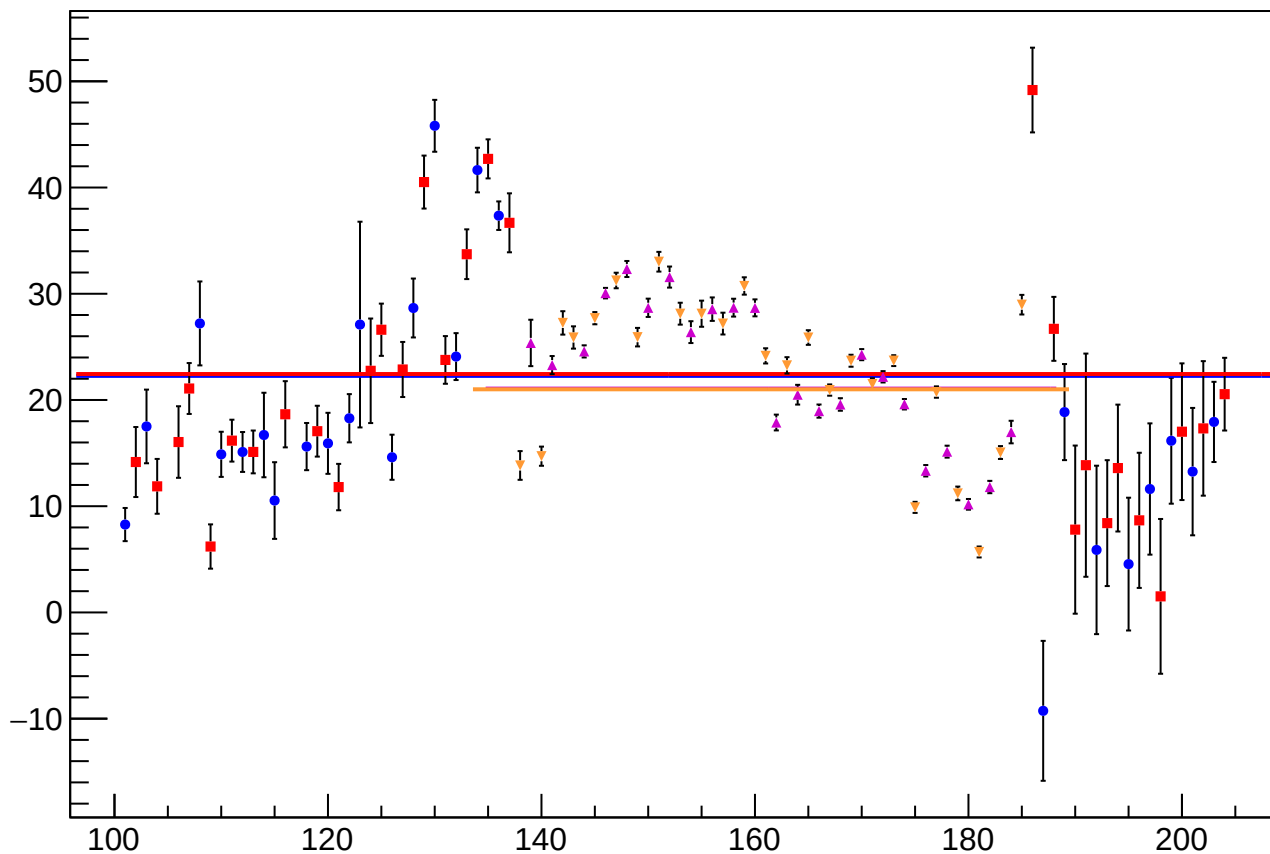
Left In: -47.112 $\pm$ 0.155 χ^2 /NDF:15654.8/22

+ sign -48.092 $\pm$ 0.151 χ^2 /NDF: 17525.8/49

All: -48.217 $\pm$ 0.106 χ^2 /NDF: 37206.5/101

- sign -48.340 $\pm$ 0.150 χ^2 /NDF: 19679.3/51

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.271 $\pm$ 0.534 χ^2 /NDF: 506.7/24

Left Out: 21.005 $\pm$ 0.139 χ^2 /NDF:2789.5/24

Right Out: 22.443 $\pm$ 0.536 χ^2 /NDF: 441.4/28

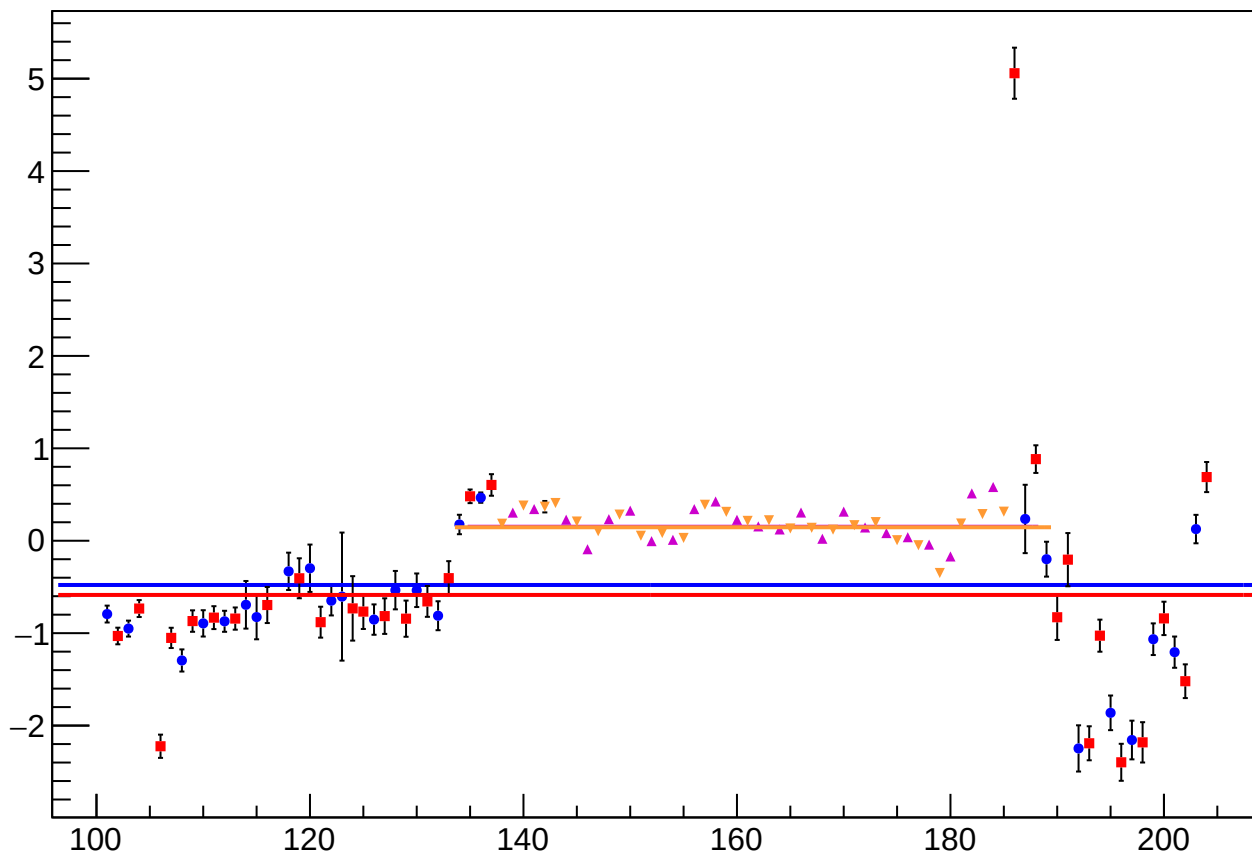
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF:2176.7/22

+ sign 21.085 $\pm$ 0.134 χ^2 /NDF: 3301.5/49

All: 21.120 $\pm$ 0.095 χ^2 /NDF: 5925.9/101

- sign 21.156 $\pm$ 0.135 χ^2 /NDF: 2624.3/51

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.479 ± 0.028 χ^2/NDF : 669.0/24

Left Out: 0.146 ± 0.006 χ^2/NDF : 609.8/24

Right Out: -0.586 ± 0.027 χ^2/NDF : 1375.5/28

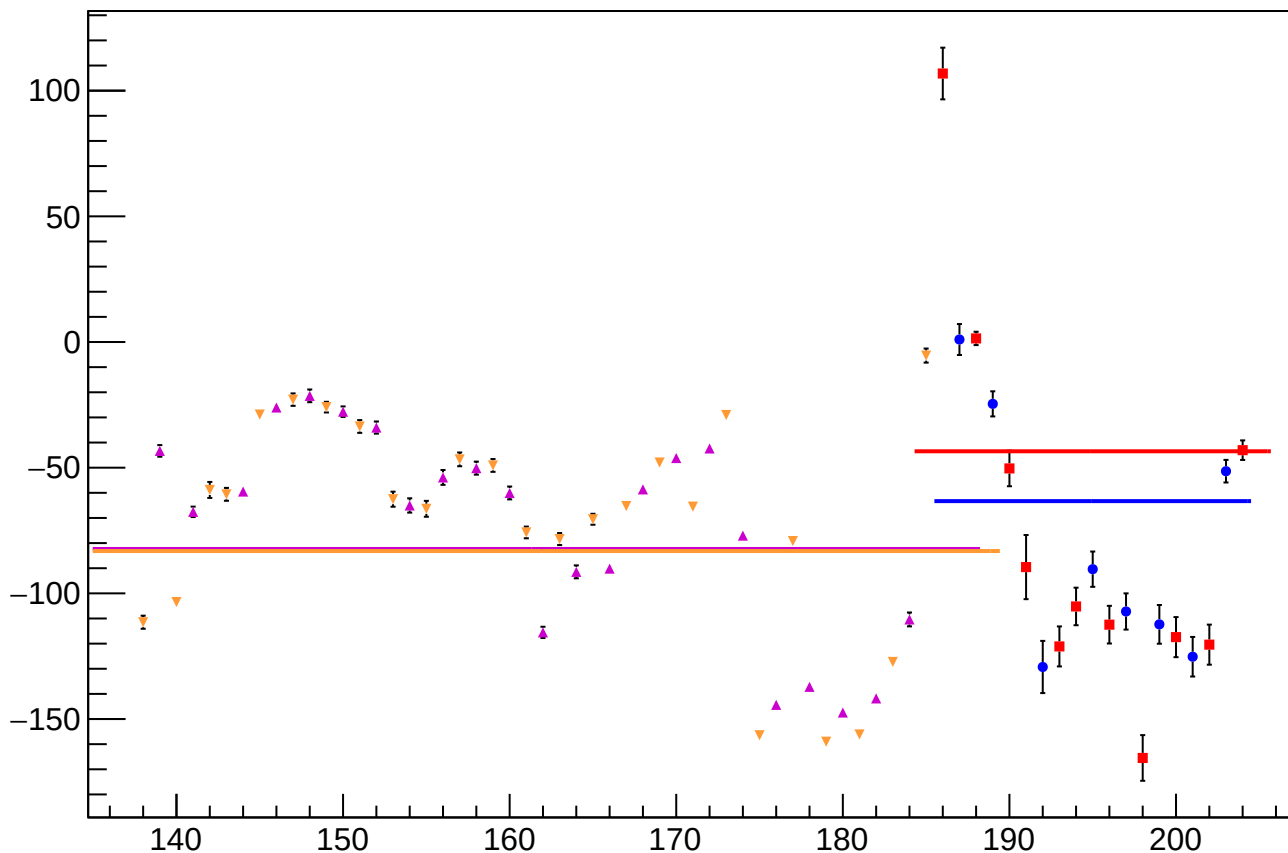
Left In: 0.151 ± 0.006 χ^2/NDF : 873.9/22

+ sign 0.115 ± 0.006 χ^2/NDF : 1767.7/49

All: 0.113 ± 0.004 χ^2/NDF : 4732.0/101

- sign 0.112 ± 0.006 χ^2/NDF : 2964.2/51

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -63.301 ± 2.249 χ^2/NDF : 370.5/7

Left Out: -83.163 ± 0.407 χ^2/NDF : 13794.3/24

Right Out: -43.474 ± 1.718 χ^2/NDF : 1121.7/10

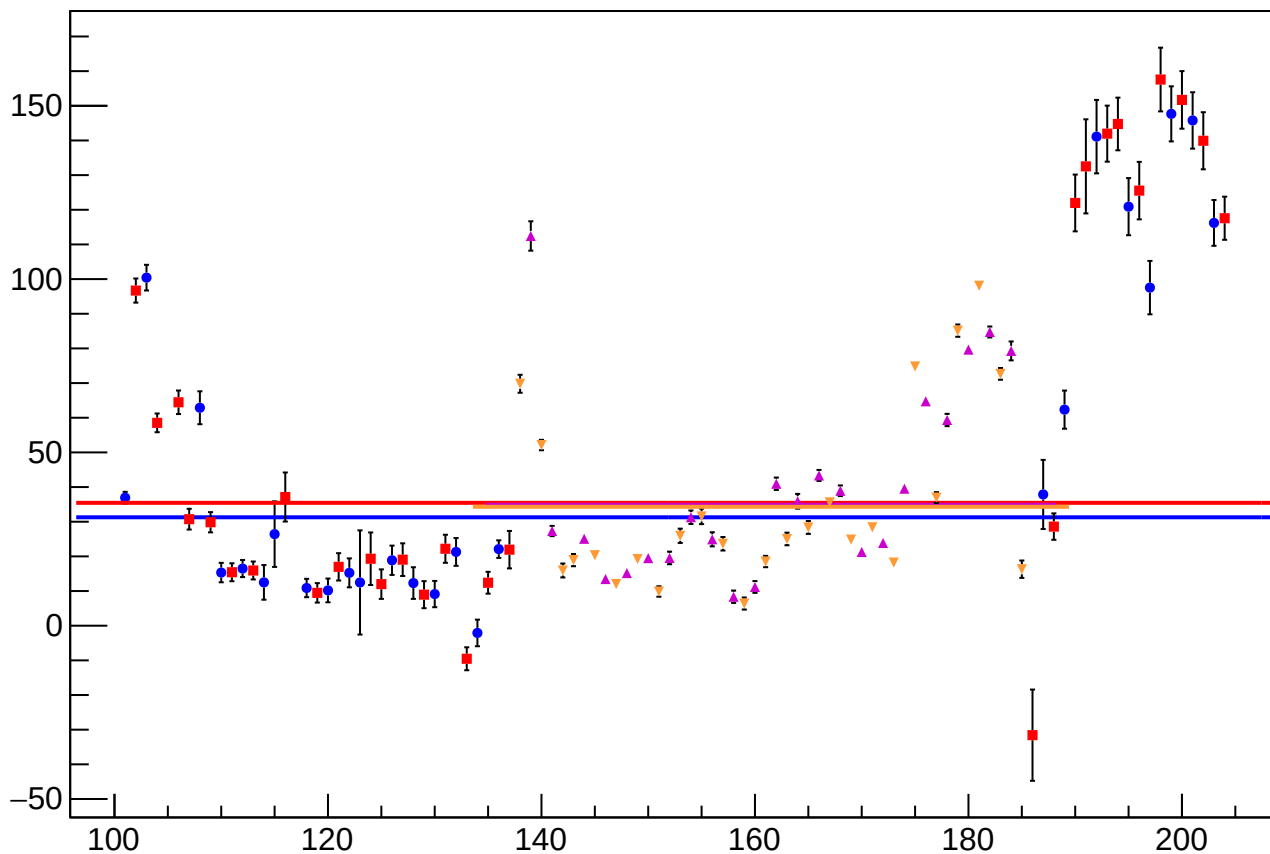
Left In: -82.342 ± 0.413 χ^2/NDF : 10954.9/22

+ sign -82.533 ± 0.401 χ^2/NDF : 14240.3/32

All: -81.379 ± 0.284 χ^2/NDF : 26817.4/66

- sign -80.219 ± 0.402 χ^2/NDF : 12560.4/33

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 31.277 ± 0.768 $\chi^2/\text{NDF}: 1665.2/24$

Left Out: 34.306 ± 0.321 $\chi^2/\text{NDF}: 6163.7/24$

Right Out: 35.447 ± 0.761 $\chi^2/\text{NDF}: 2431.3/28$

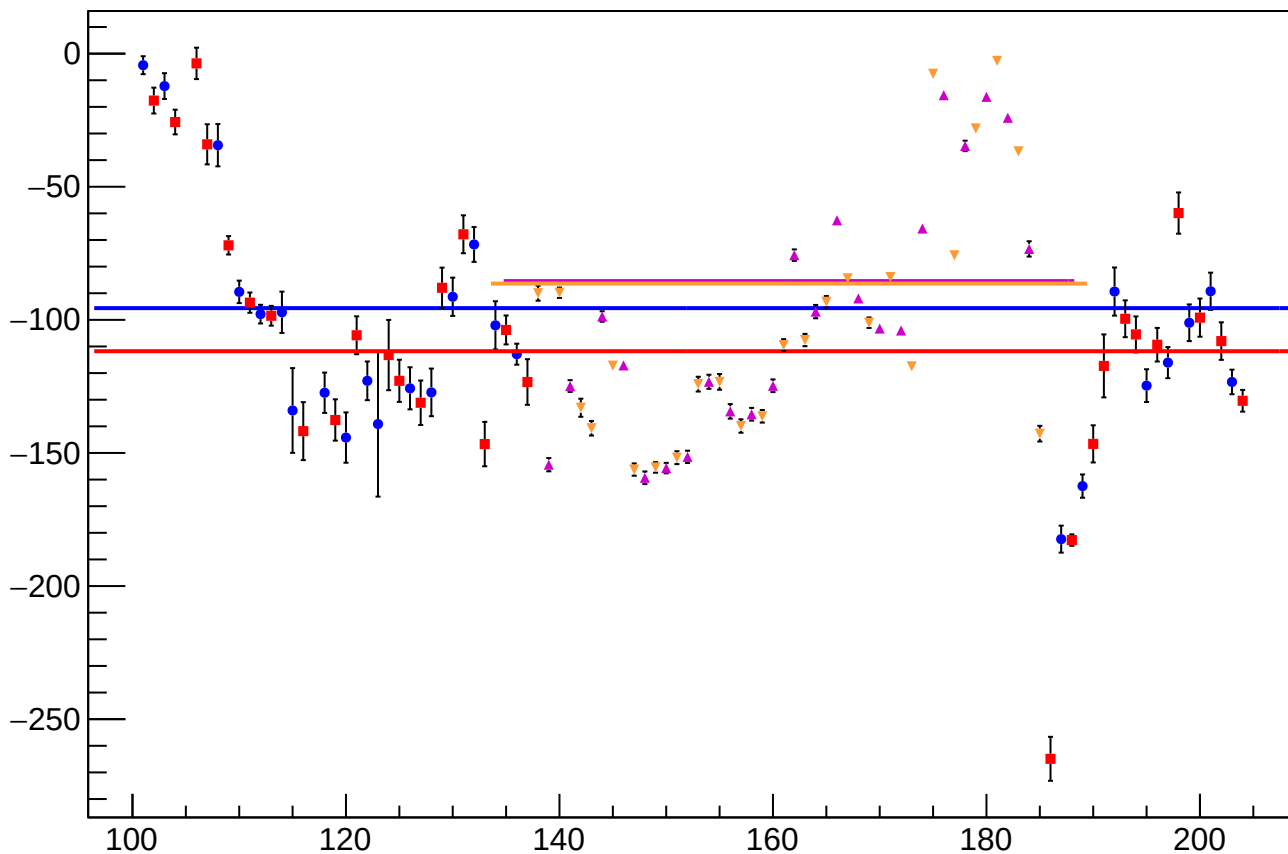
Left In: 34.893 ± 0.328 $\chi^2/\text{NDF}: 4754.6/22$

+ sign 33.855 ± 0.296 $\chi^2/\text{NDF}: 7842.2/49$

All: 34.408 ± 0.211 $\chi^2/\text{NDF}: 15035.6/101$

- sign 34.980 ± 0.301 $\chi^2/\text{NDF}: 7186.3/51$

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -95.595 ± 1.155 $\chi^2/\text{NDF}: 1820.4/24$

Left Out: -86.377 ± 0.409 $\chi^2/\text{NDF}: 14435.1/24$

Right Out: -111.778 ± 1.008 $\chi^2/\text{NDF}: 2965.3/28$

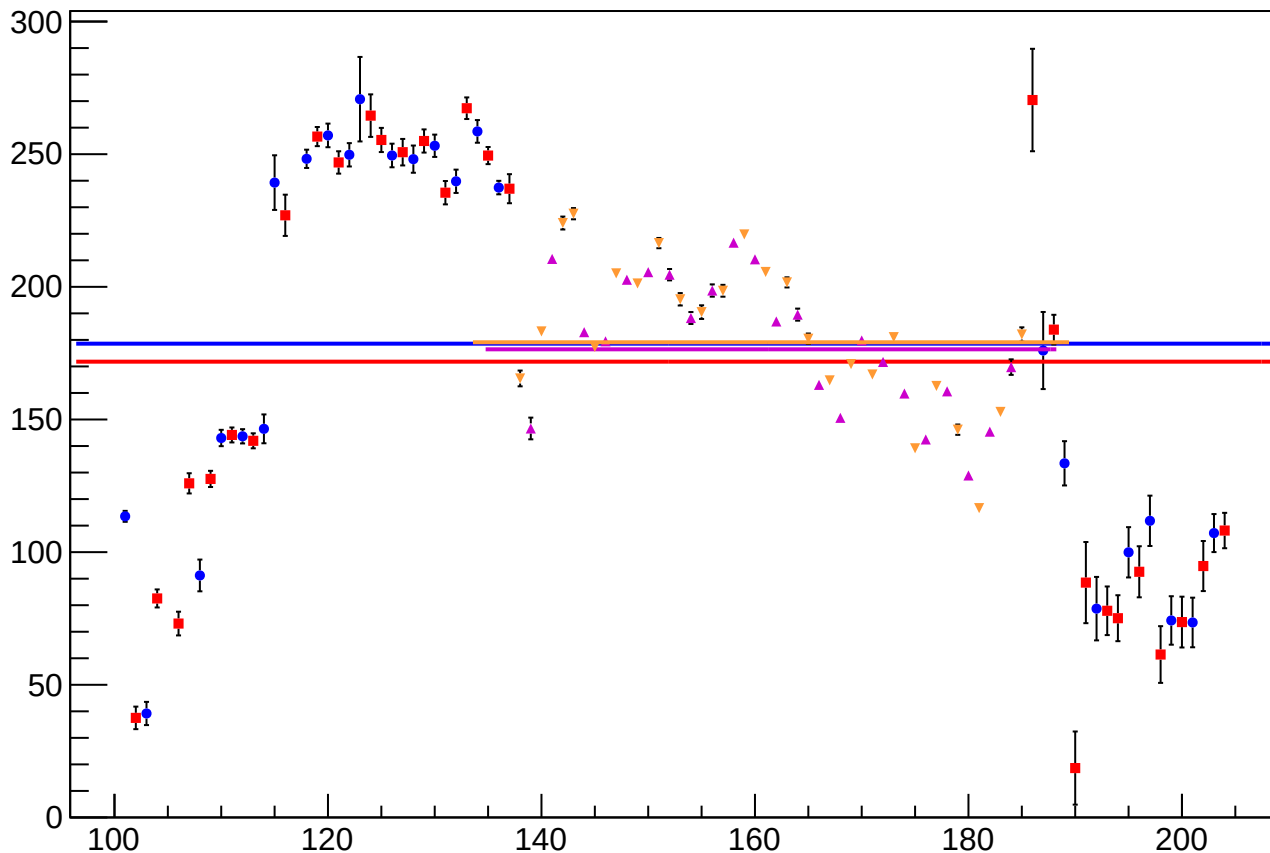
Left In: -85.441 ± 0.413 $\chi^2/\text{NDF}: 12998.9/22$

+ sign -87.404 ± 0.386 $\chi^2/\text{NDF}: 16312.0/49$

All: -88.325 ± 0.271 $\chi^2/\text{NDF}: 32872.2/101$

- sign -89.230 ± 0.382 $\chi^2/\text{NDF}: 16548.9/51$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 178.581 $\pm$ 0.881 χ^2 /NDF: 6013.0/24

Left Out: 179.109 $\pm$ 0.363 χ^2 /NDF: 5877.5/24

Right Out: 171.796 $\pm$ 0.877 χ^2 /NDF: 7071.2/28

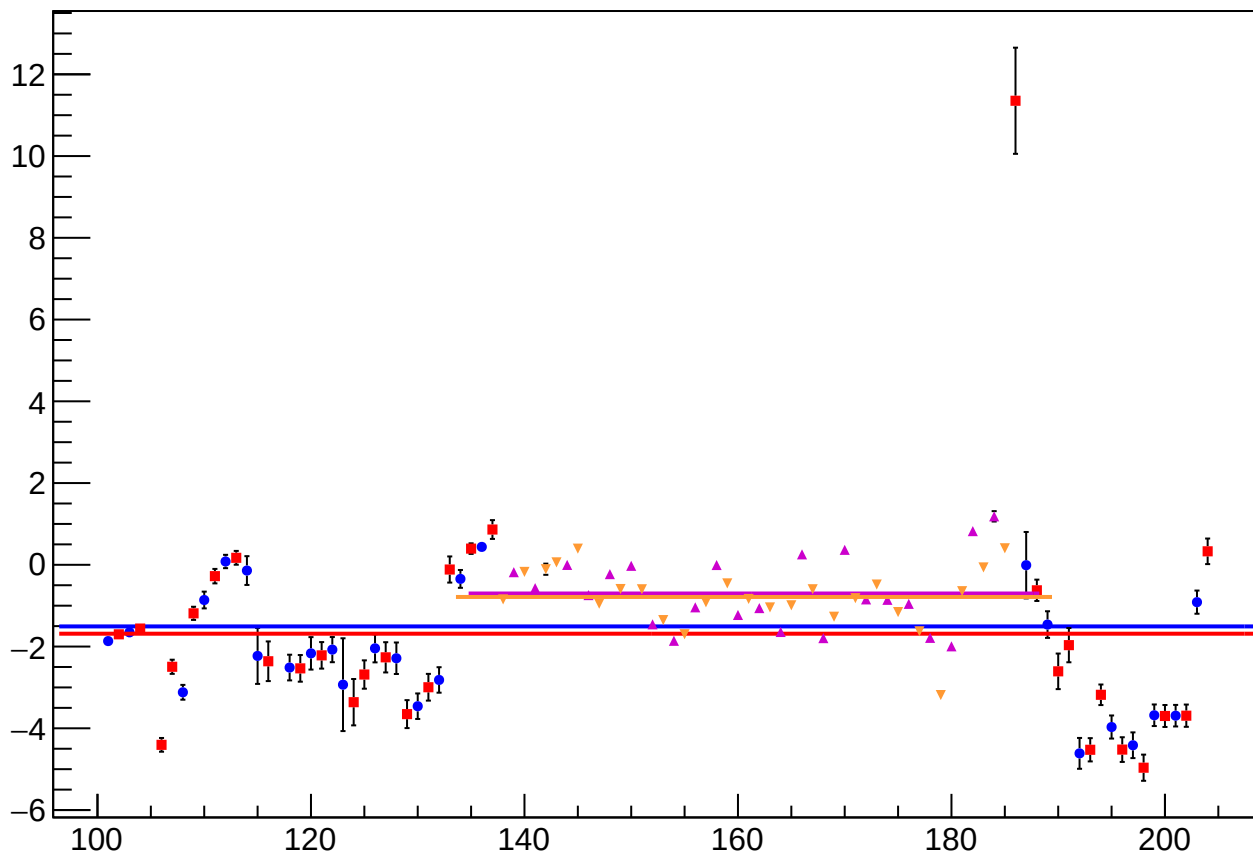
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ sign 179.032 $\pm$ 0.335 χ^2 /NDF: 11890.8/49

All: 177.416 $\pm$ 0.239 χ^2 /NDF: 23475.2/101

- sign 175.747 $\pm$ 0.341 χ^2 /NDF: 11537.2/51

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.507 ± 0.044 χ^2/NDF : 1038.1/24

Left Out: -0.787 ± 0.017 χ^2/NDF : 1760.7/24

Right Out: -1.686 ± 0.041 χ^2/NDF : 1566.3/28

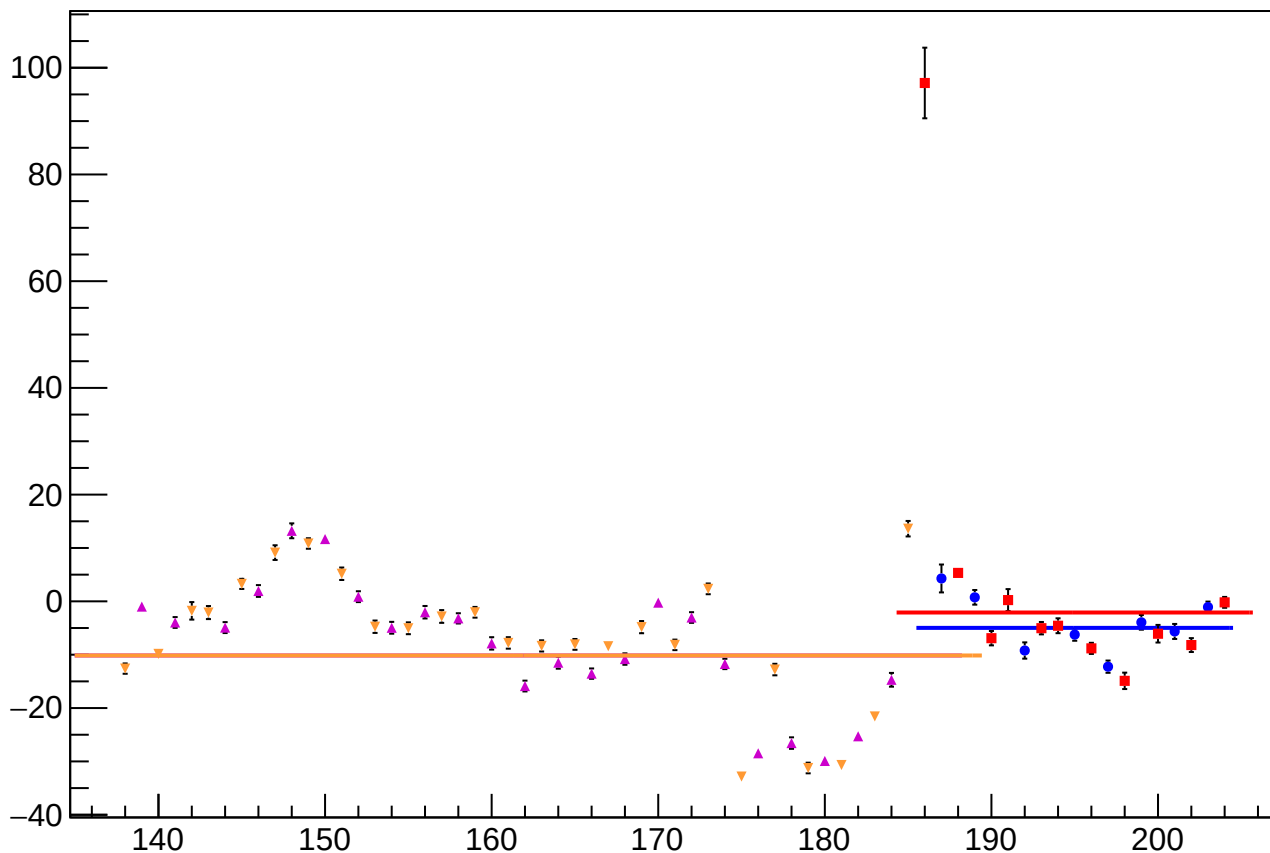
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ sign -0.876 ± 0.016 χ^2/NDF : 3032.6/49

All: -0.859 ± 0.011 χ^2/NDF : 7507.5/101

- sign -0.842 ± 0.016 χ^2/NDF : 4472.3/51

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -4.973 ± 0.467 χ^2/NDF : 94.2/7

Left Out: -10.147 ± 0.202 χ^2/NDF : 4128.5/24

Right Out: -2.093 ± 0.359 χ^2/NDF : 525.2/10

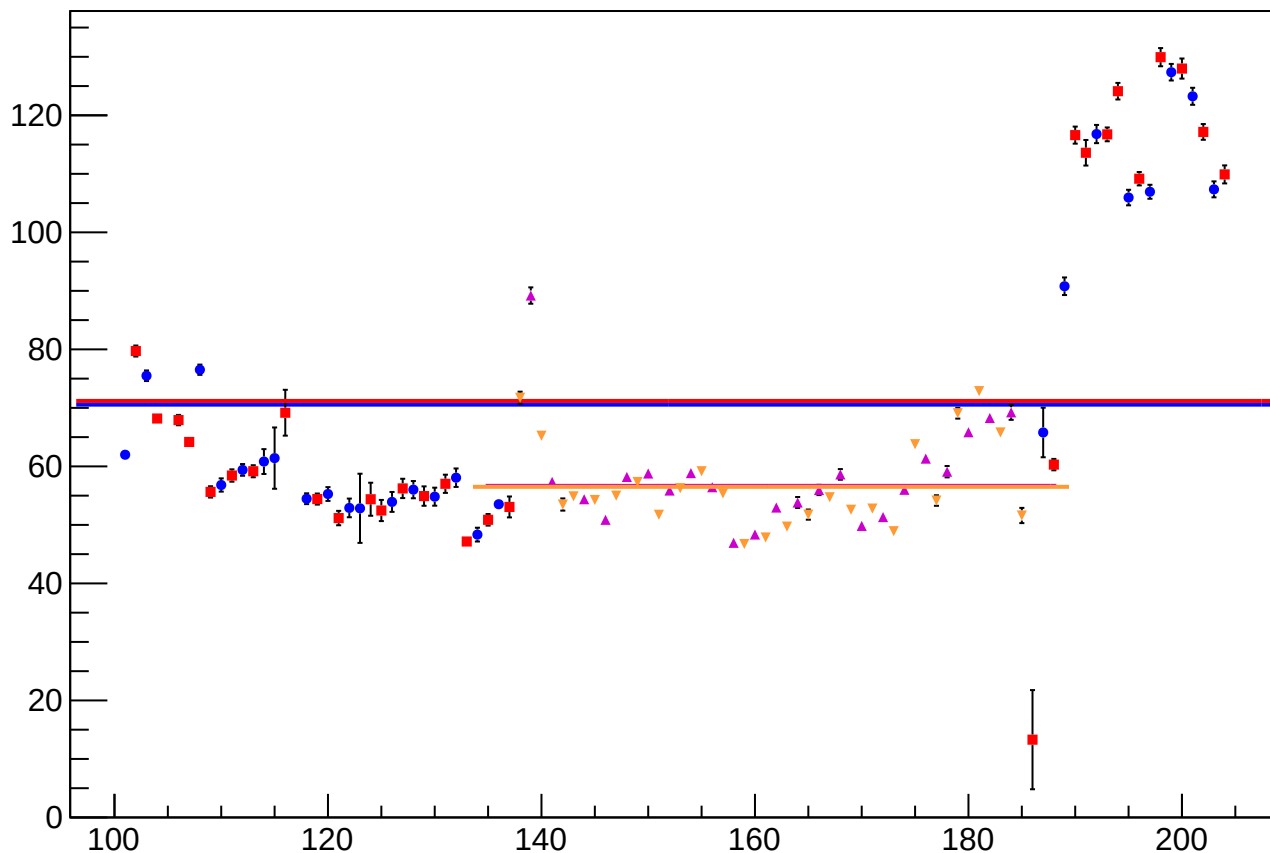
Left In: -10.149 ± 0.204 χ^2/NDF : 3491.7/22

+ sign -9.332 ± 0.185 χ^2/NDF : 4326.3/32

All: -8.731 ± 0.128 χ^2/NDF : 8744.7/66

- sign -8.181 ± 0.177 χ^2/NDF : 4398.3/33

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 70.555 $\pm$ 0.234 χ^2 /NDF: 8739.4/24

Left Out: 56.508 $\pm$ 0.159 χ^2 /NDF:1962.3/24

Right Out: 71.188 $\pm$ 0.215 χ^2 /NDF: 13372.8/28

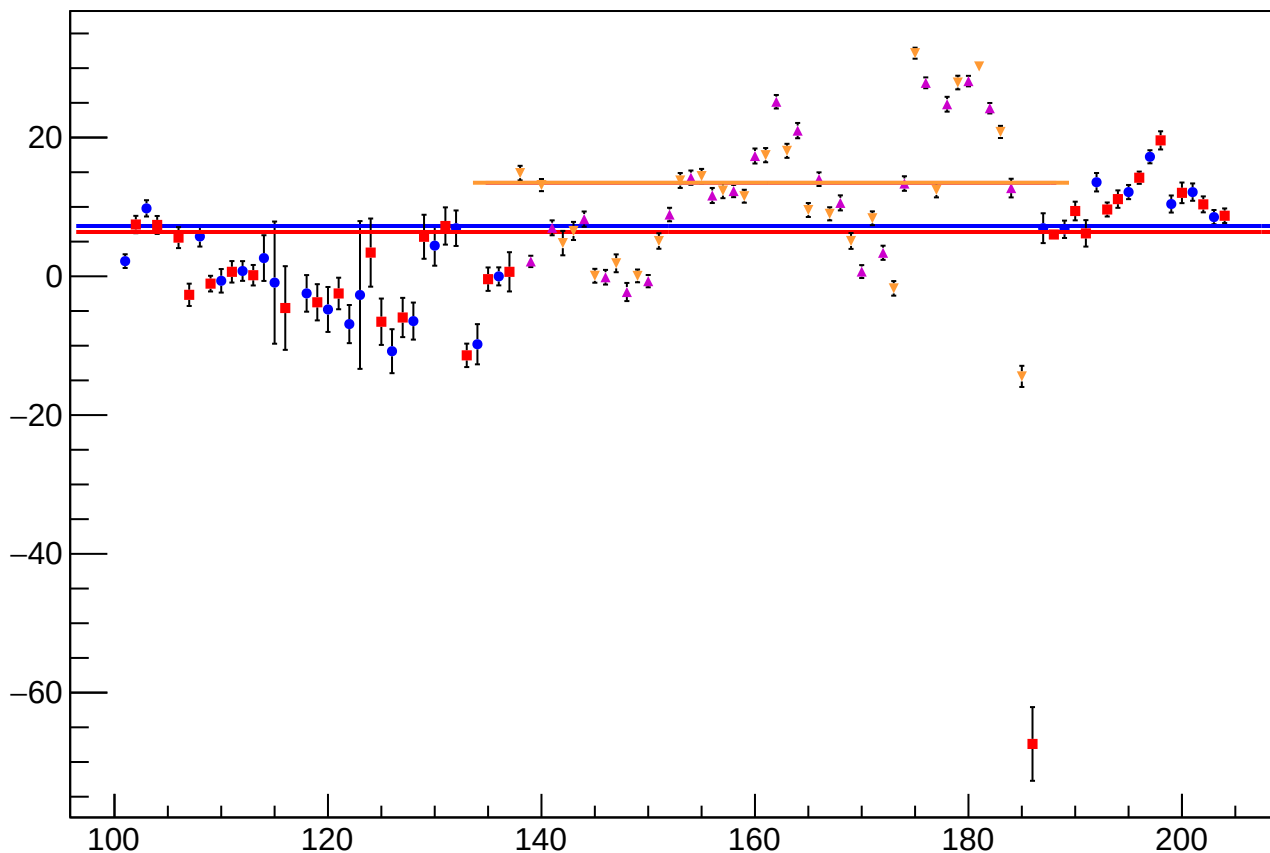
Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

+ sign 60.962 $\pm$ 0.132 χ^2 /NDF: 13168.2/49

All: 61.498 $\pm$ 0.093 χ^2 /NDF: 31119.9/101

- sign 62.028 $\pm$ 0.131 χ^2 /NDF: 17918.7/51

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 7.252 ± 0.308 χ^2/NDF : 437.9/24

Left Out: 13.485 ± 0.202 χ^2/NDF : 2731.0/24

Right Out: 6.385 ± 0.253 χ^2/NDF : 741.8/28

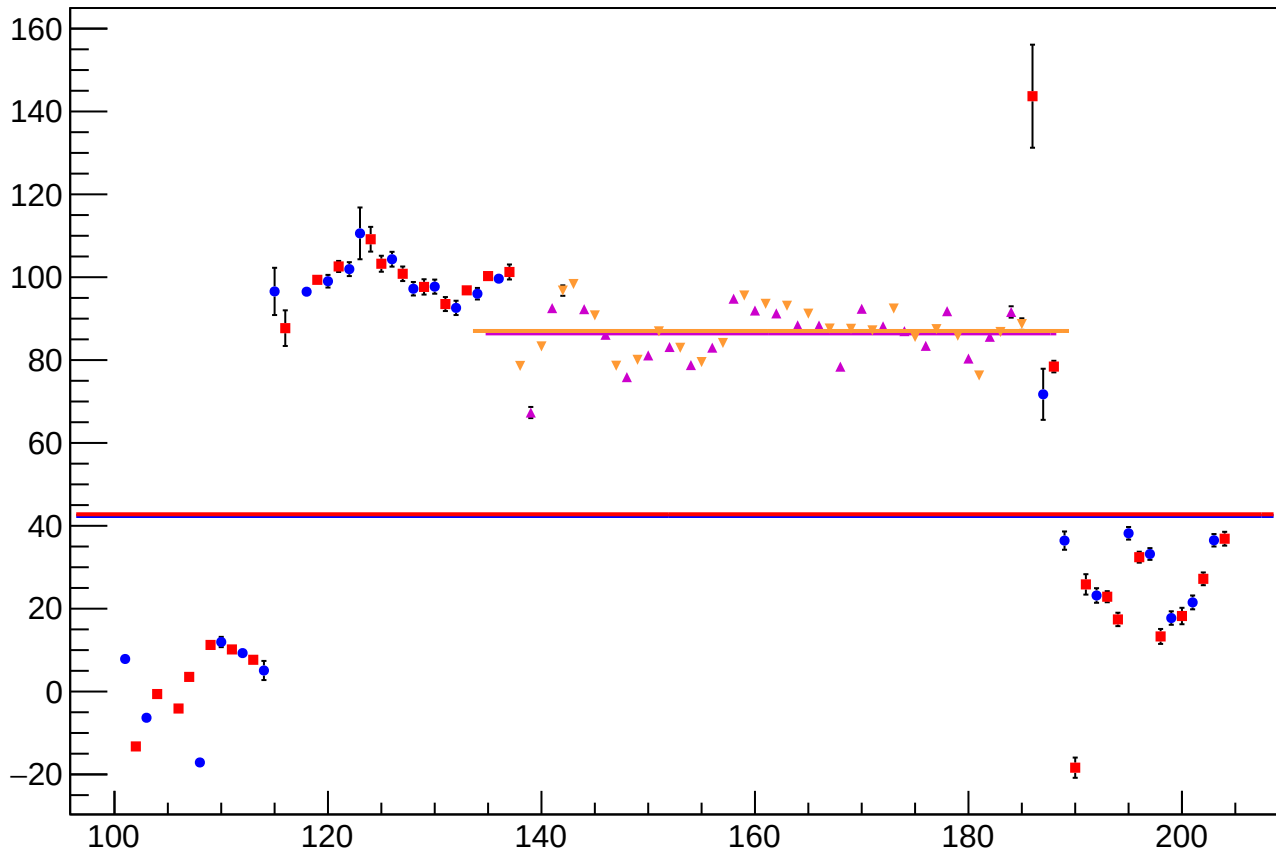
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ sign 11.615 ± 0.169 χ^2/NDF : 3455.0/49

All: 11.124 ± 0.116 χ^2/NDF : 7058.5/101

- sign 10.693 ± 0.158 χ^2/NDF : 3587.6/51

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 42.370 $\pm$ 0.272 χ^2 /NDF: 25764.6/24

Left Out: 87.023 $\pm$ 0.179 χ^2 /NDF:1057.2/24

Right Out: 42.783 $\pm$ 0.254 χ^2 /NDF: 30476.0/28

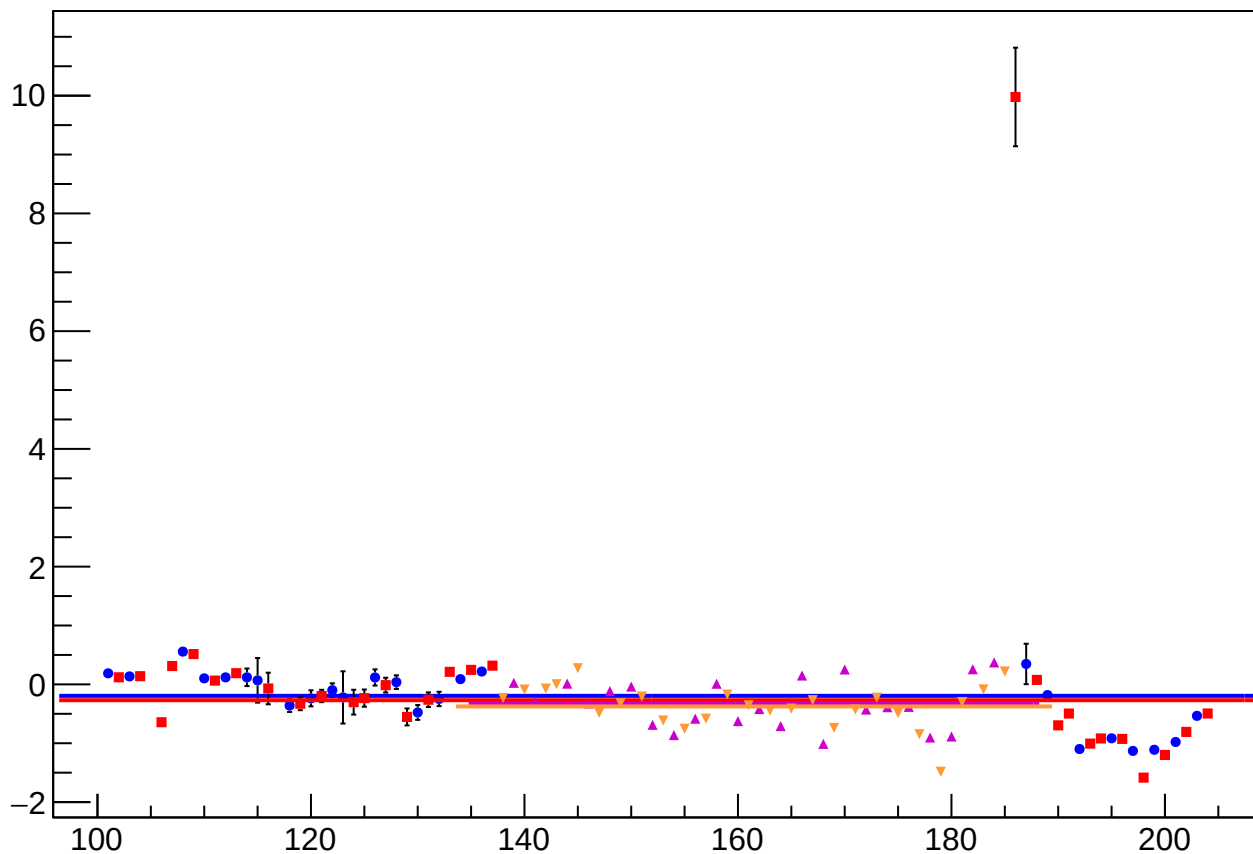
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 73.466 $\pm$ 0.150 χ^2 /NDF: 45614.1/49

All: 72.432 $\pm$ 0.106 χ^2 /NDF: 96612.6/101

- sign 71.409 $\pm$ 0.149 χ^2 /NDF: 50903.6/51

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: -0.195 $\pm$ 0.011 χ^2/NDF : 2676.1/24

Left Out: -0.375 $\pm$ 0.008 χ^2/NDF : 1657.5/24

Right Out: -0.269 $\pm$ 0.010 χ^2/NDF : 3336.7/28

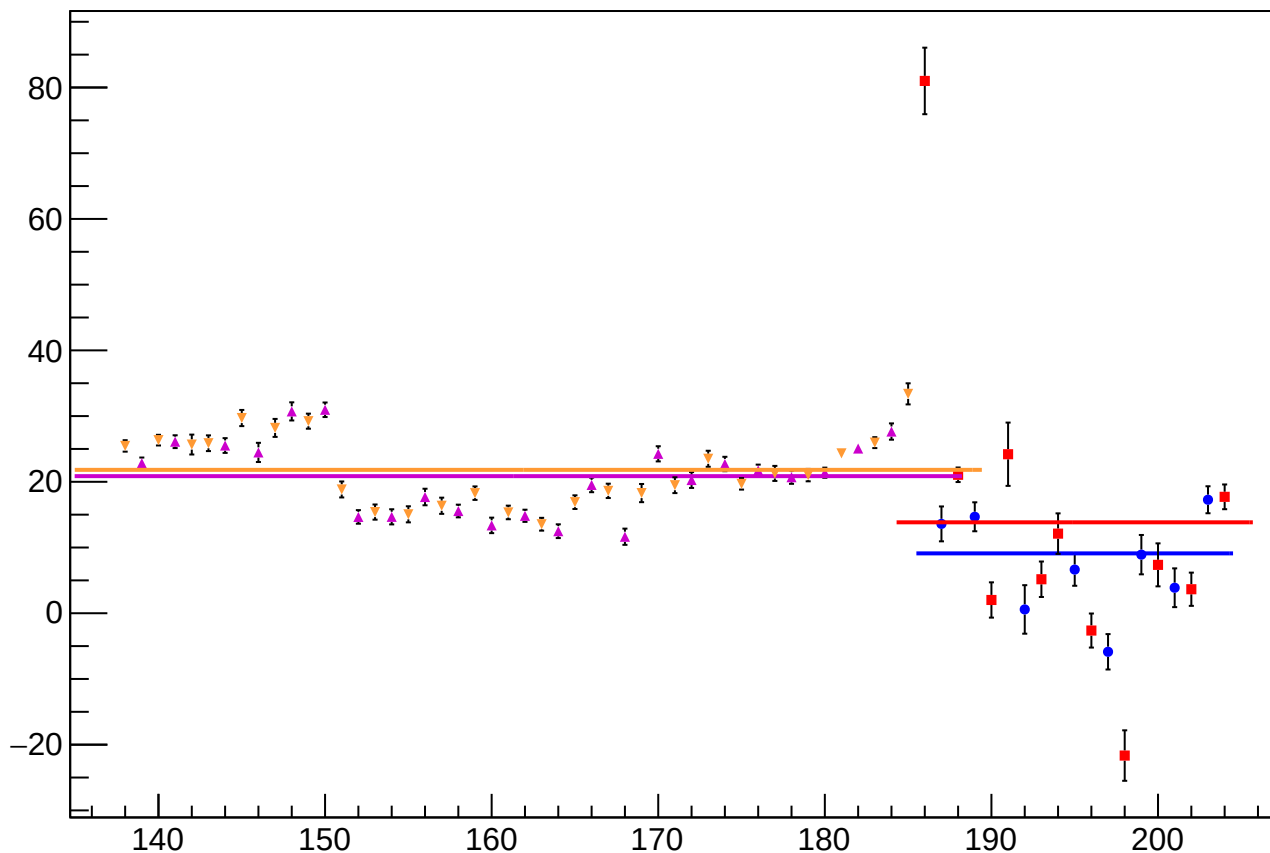
Left In: -0.320 $\pm$ 0.008 χ^2/NDF : 2325.0/22

+ sign -0.313 $\pm$ 0.007 χ^2/NDF : 4501.7/49

All: -0.307 $\pm$ 0.005 χ^2/NDF : 10180.1/101

- sign -0.301 $\pm$ 0.006 χ^2/NDF : 5676.6/51

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 9.108 ± 0.918 $\chi^2/\text{NDF}: 65.5/7$

Left Out: 21.818 ± 0.210 $\chi^2/\text{NDF}: 522.7/24$

Right Out: 13.835 ± 0.702 $\chi^2/\text{NDF}: 403.6/10$

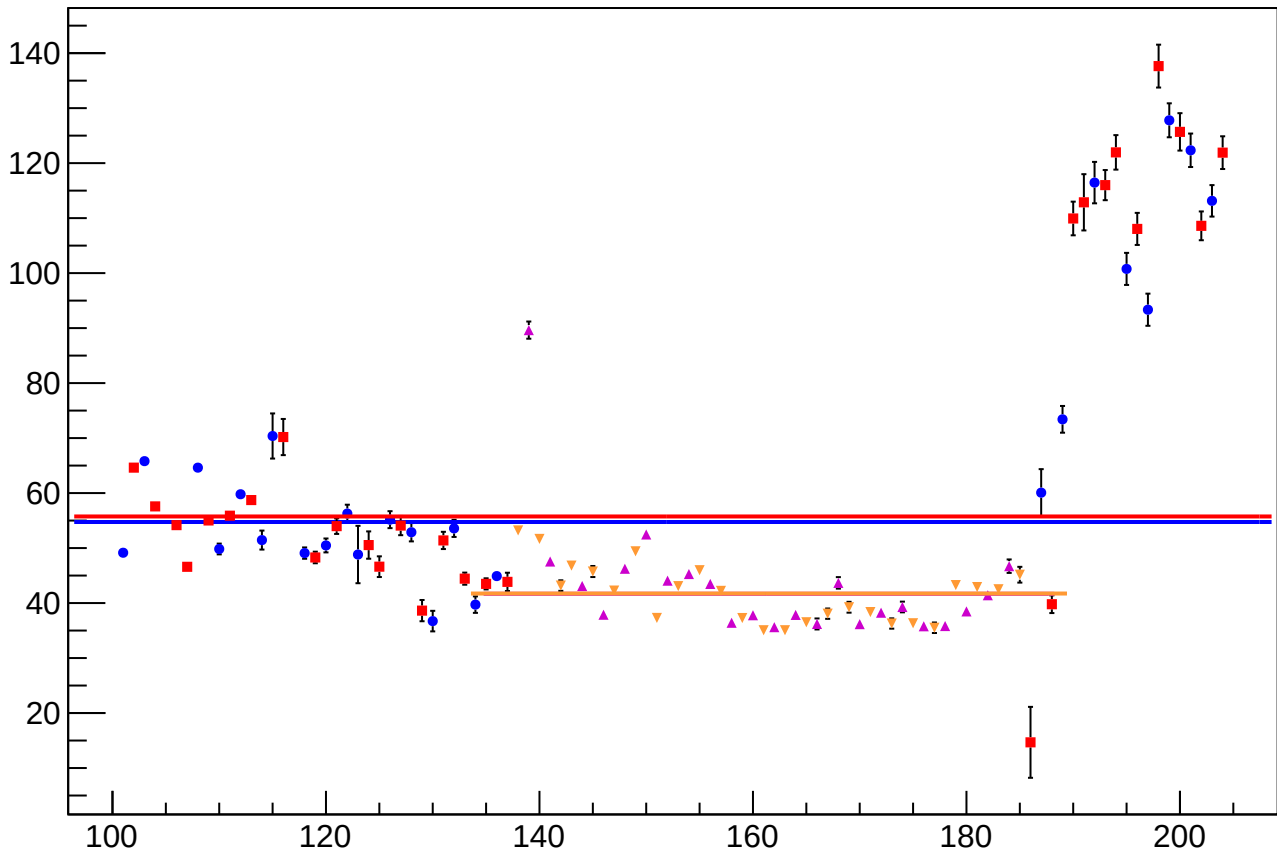
Left In: 20.860 ± 0.216 $\chi^2/\text{NDF}: 575.5/22$

+ sign 21.184 ± 0.205 $\chi^2/\text{NDF}: 770.4/32$

All: 20.722 ± 0.145 $\chi^2/\text{NDF}: 1851.2/66$

- sign 20.255 ± 0.206 $\chi^2/\text{NDF}: 1070.6/33$

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 54.740 ± 0.206 χ^2/NDF : 3489.1/24

Left Out: 41.732 ± 0.166 χ^2/NDF : 1014.0/24

Right Out: 55.747 ± 0.220 χ^2/NDF : 4569.5/28

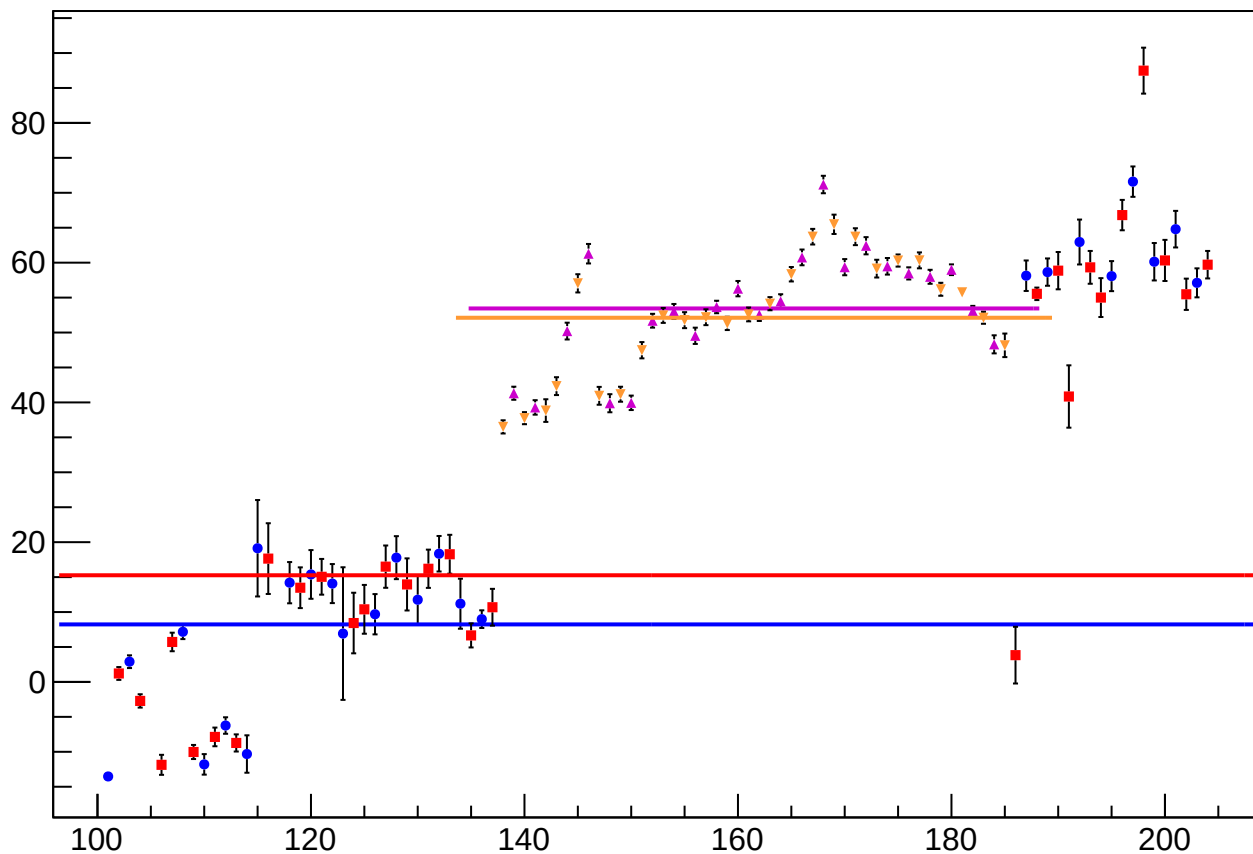
Left In: 41.682 ± 0.173 χ^2/NDF : 1715.9/22

+ sign 46.840 ± 0.129 χ^2/NDF : 6918.1/49

All: 46.948 ± 0.094 χ^2/NDF : 15723.5/101

- sign 47.068 ± 0.136 χ^2/NDF : 8804.0/51

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 8.232 ± 0.332 $\chi^2/\text{NDF}: 5952.2/24$

Left Out: 52.116 ± 0.210 $\chi^2/\text{NDF}: 1445.4/24$

Right Out: 15.264 ± 0.323 $\chi^2/\text{NDF}: 7354.0/28$

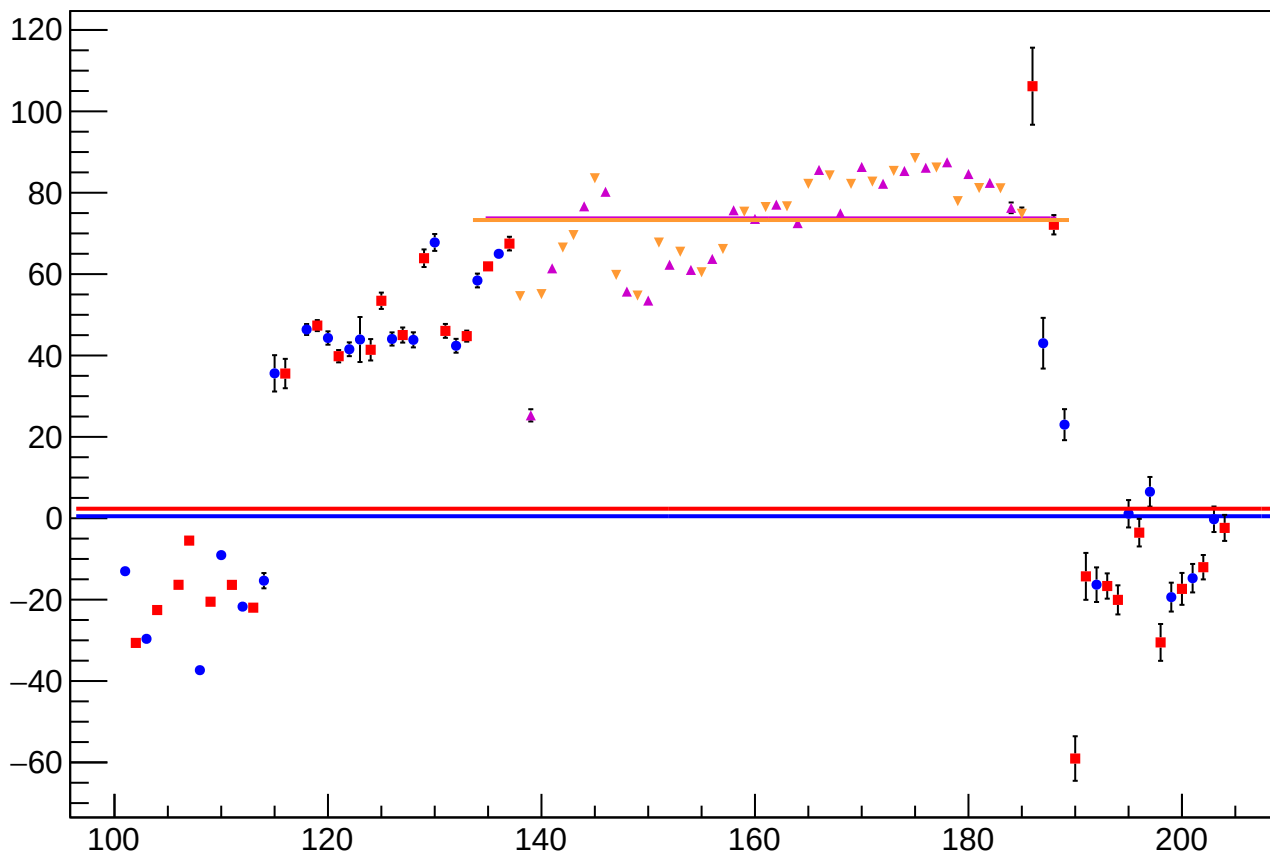
Left In: 53.447 ± 0.214 $\chi^2/\text{NDF}: 1167.6/22$

+ sign 39.541 ± 0.178 $\chi^2/\text{NDF}: 19858.9/49$

All: 40.640 ± 0.126 $\chi^2/\text{NDF}: 38171.3/101$

- sign 41.750 ± 0.179 $\chi^2/\text{NDF}: 18235.5/51$

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.500 ± 0.242 χ^2/NDF : 18573.9/24

Left Out: 73.294 ± 0.187 χ^2/NDF : 3148.2/24

Right Out: 2.347 ± 0.260 χ^2/NDF : 16675.5/28

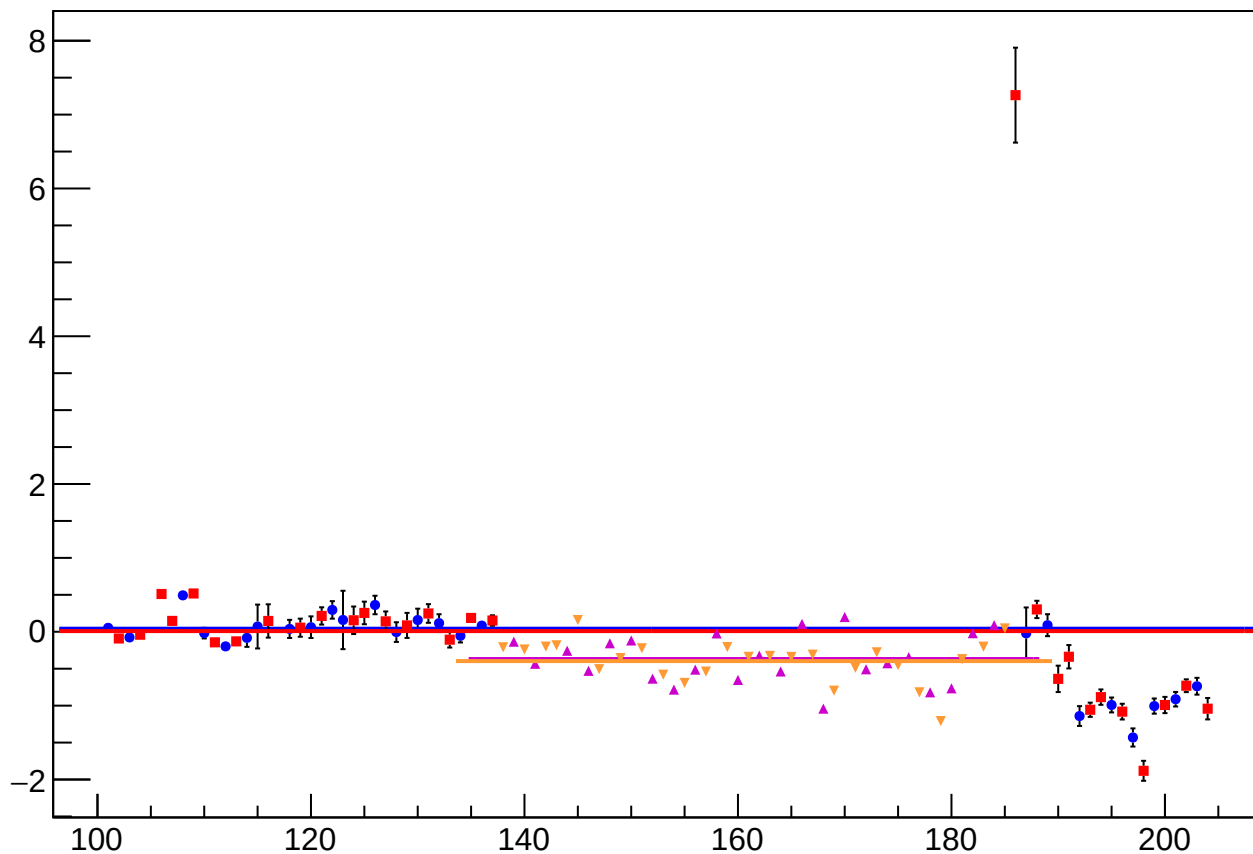
Left In: 73.699 ± 0.194 χ^2/NDF : 3901.1/22

+ sign 46.085 ± 0.148 χ^2/NDF : 78154.8/49

All: 47.086 ± 0.107 χ^2/NDF : 147265.5/101

- sign 48.187 ± 0.155 χ^2/NDF : 69014.9/51

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.041 $\pm$ 0.011 χ^2/NDF : 1004.8/24

Left Out: -0.397 $\pm$ 0.009 χ^2/NDF : 943.5/24

Right Out: 0.009 $\pm$ 0.011 χ^2/NDF : 1292.0/28

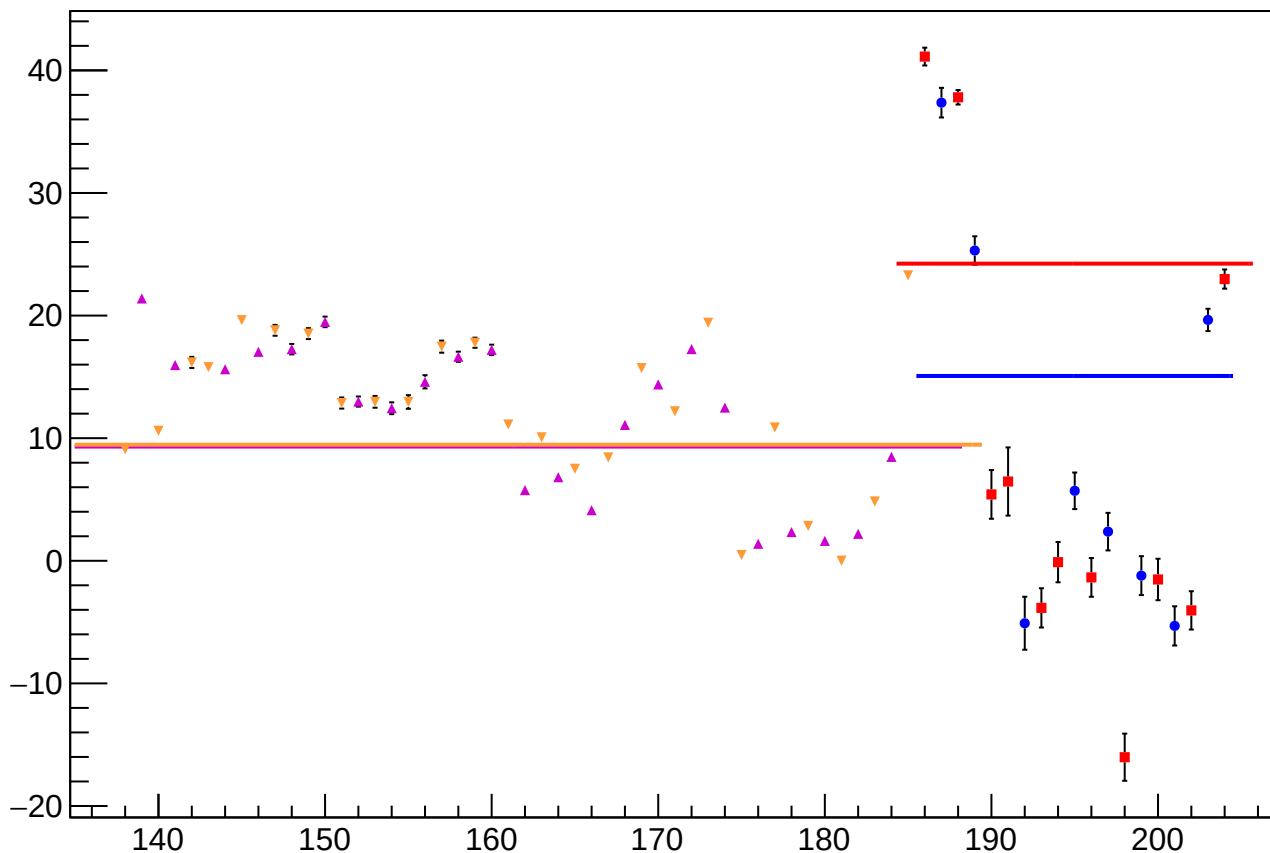
Left In: -0.369 $\pm$ 0.009 χ^2/NDF : 1322.7/22

+ sign -0.226 $\pm$ 0.007 χ^2/NDF : 2974.3/49

All: -0.222 $\pm$ 0.005 χ^2/NDF : 6351.6/101

- sign -0.218 $\pm$ 0.007 χ^2/NDF : 3376.6/51

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 15.075 ± 0.471 χ^2/NDF : 906.5/7

Left Out: 9.470 ± 0.061 χ^2/NDF : 12578.0/24

Right Out: 24.236 ± 0.334 χ^2/NDF : 2988.2/10

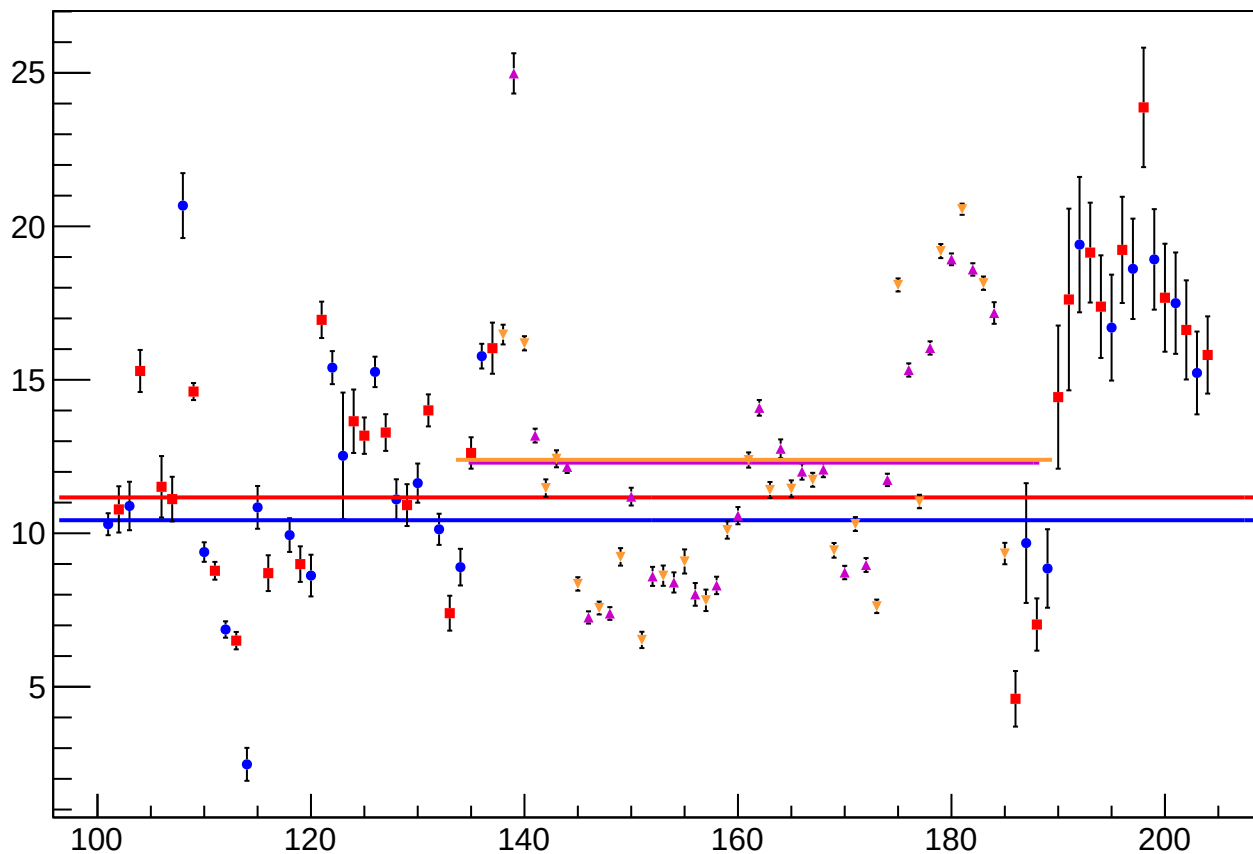
Left In: 9.315 ± 0.063 χ^2/NDF : 11007.3/22

+ sign 9.563 ± 0.061 χ^2/NDF : 13623.9/32

All: 9.692 ± 0.043 χ^2/NDF : 29557.7/66

- sign 9.824 ± 0.062 χ^2/NDF : 15924.7/33

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.426 $\pm$ 0.116 χ^2 /NDF: 994.9/24

Left Out: 12.393 $\pm$ 0.050 χ^2 /NDF: 7525.9/24

Right Out: 11.169 $\pm$ 0.112 χ^2 /NDF: 1027.3/28

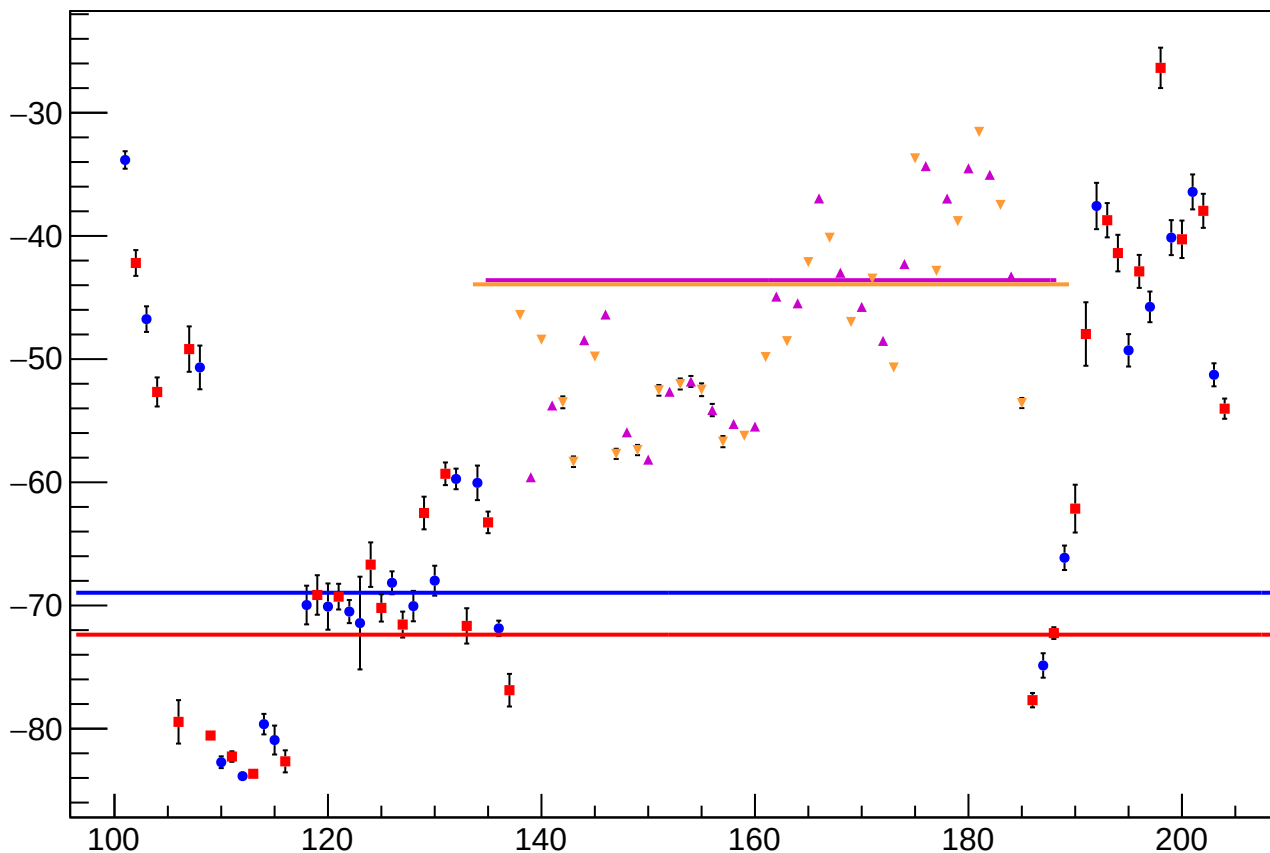
Left In: 12.302 $\pm$ 0.051 χ^2 /NDF: 5661.3/22

+ sign 12.089 $\pm$ 0.046 χ^2 /NDF: 8762.3/49

All: 12.098 $\pm$ 0.033 χ^2 /NDF: 15535.3/101

- sign 12.108 $\pm$ 0.046 χ^2 /NDF: 6772.9/51

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -68.965 ± 0.179 $\chi^2/\text{NDF}: 8024.2/24$

Left Out: -43.930 ± 0.062 $\chi^2/\text{NDF}: 17576.0/24$

Right Out: -72.368 ± 0.153 $\chi^2/\text{NDF}: 7719.2/28$

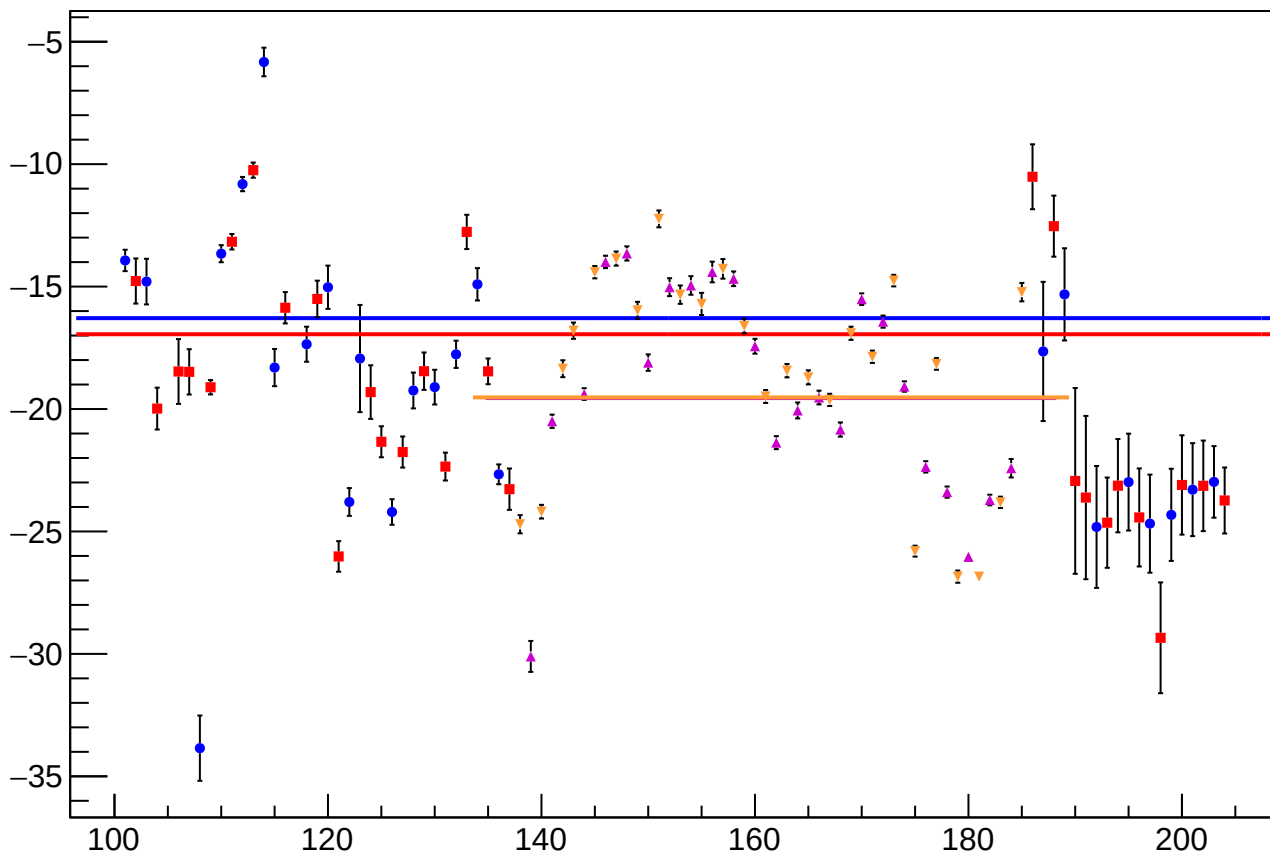
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.617 ± 0.059 $\chi^2/\text{NDF}: 43088.1/49$

All: -47.188 ± 0.041 $\chi^2/\text{NDF}: 96687.1/101$

- sign -47.754 ± 0.058 $\chi^2/\text{NDF}: 53409.9/51$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.289 ± 0.130 χ^2/NDF : 1737.6/24

Left Out: -19.526 ± 0.056 χ^2/NDF : 6493.0/24

Right Out: -16.946 ± 0.125 χ^2/NDF : 1368.2/28

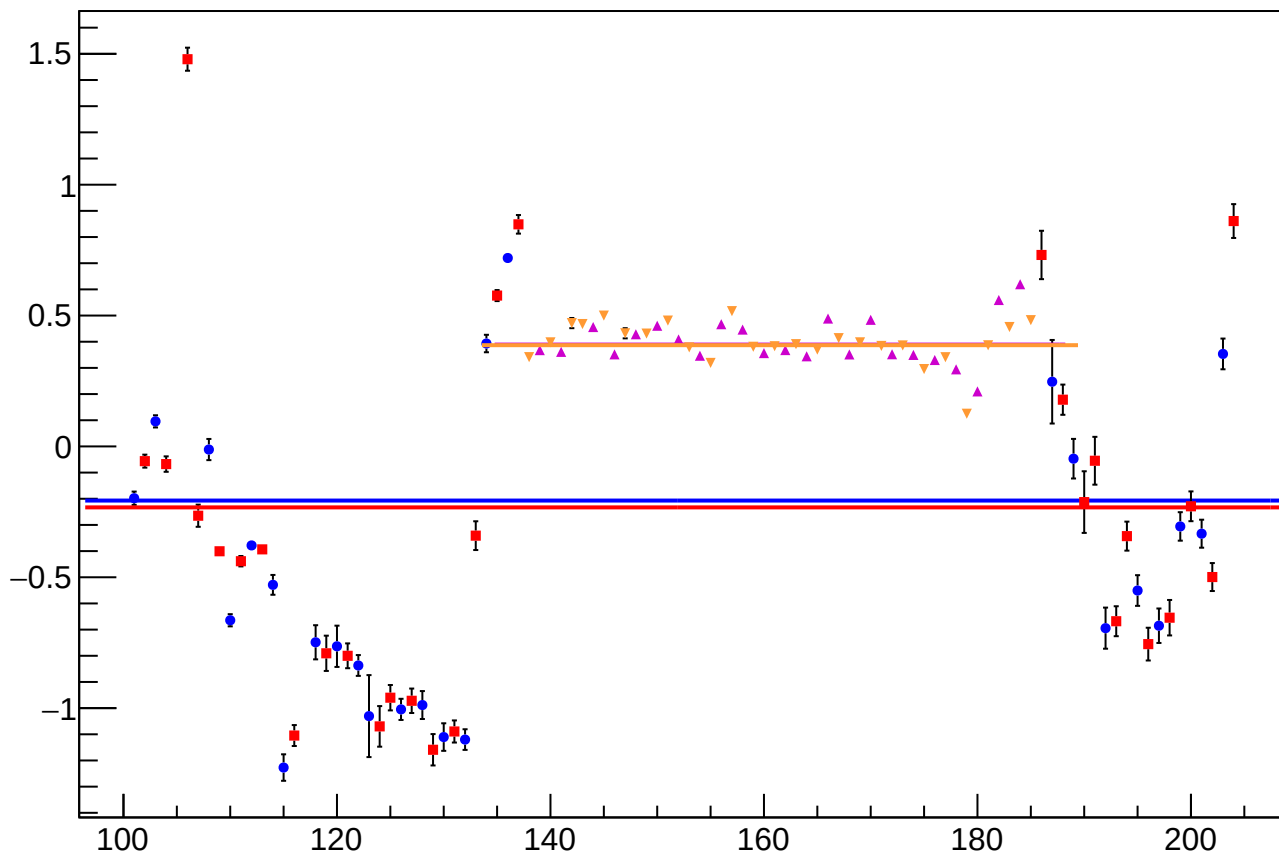
Left In: -19.552 ± 0.057 χ^2/NDF : 4359.1/22

+ sign -19.020 ± 0.051 χ^2/NDF : 8755.6/49

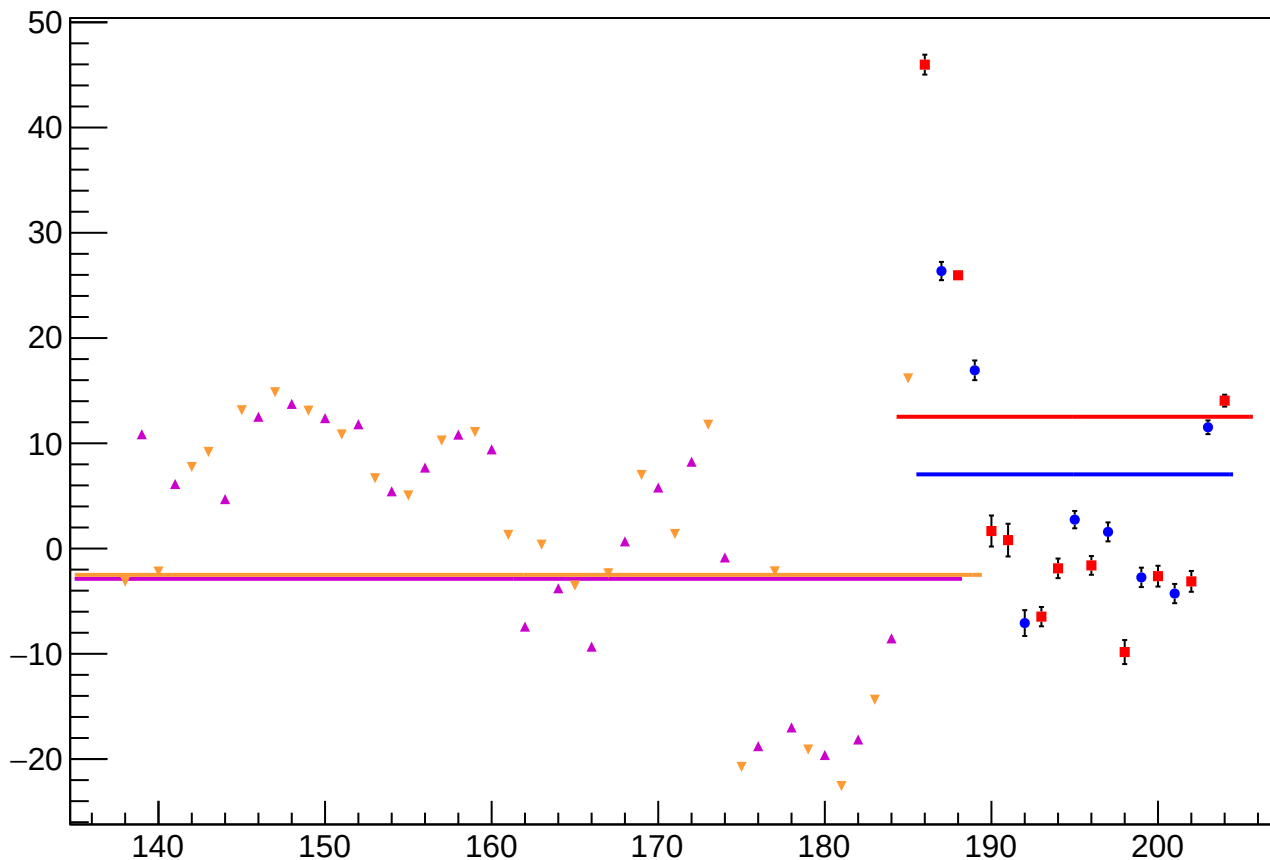
All: -19.059 ± 0.037 χ^2/NDF : 14845.0/101

- sign -19.100 ± 0.052 χ^2/NDF : 6088.2/51

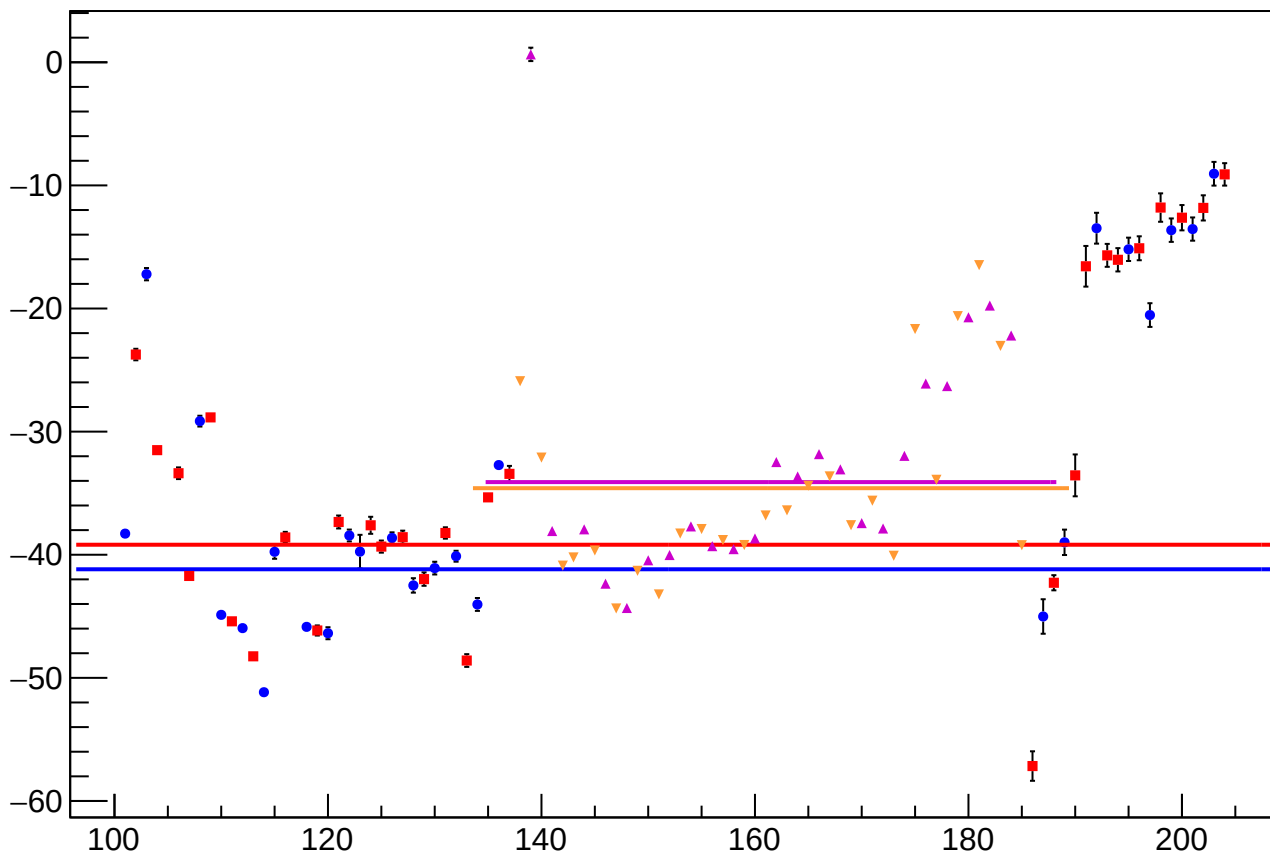
reg_asym_sam7_diff_bpm12X_slope vs Slug



reg_asym_sam8_diff_bpm1X_slope vs Slug



reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -41.181 ± 0.076 $\chi^2/\text{NDF}: 11257.4/24$

Left Out: -34.594 ± 0.042 $\chi^2/\text{NDF}: 34404.6/24$

Right Out: -39.187 ± 0.071 $\chi^2/\text{NDF}: 16384.4/28$

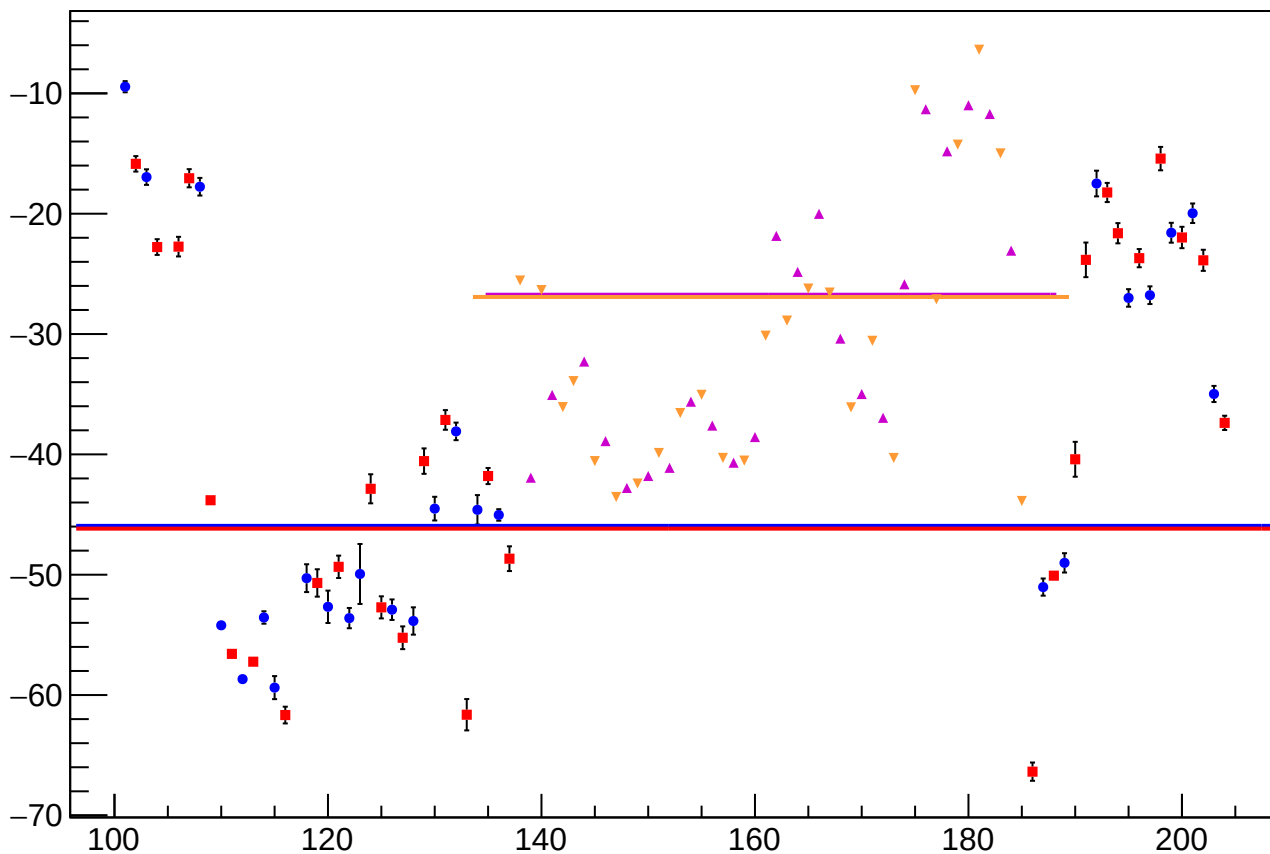
Left In: -34.099 ± 0.044 $\chi^2/\text{NDF}: 29370.6/22$

+ sign -36.131 ± 0.037 $\chi^2/\text{NDF}: 51414.4/49$

All: -35.825 ± 0.026 $\chi^2/\text{NDF}: 101044.0/101$

- sign -35.510 ± 0.037 $\chi^2/\text{NDF}: 49488.7/51$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -45.942 ± 0.113 χ^2/NDF : 19459.5/24

Left Out: -26.920 ± 0.053 χ^2/NDF : 49198.9/24

Right Out: -46.172 ± 0.096 χ^2/NDF : 18135.1/28

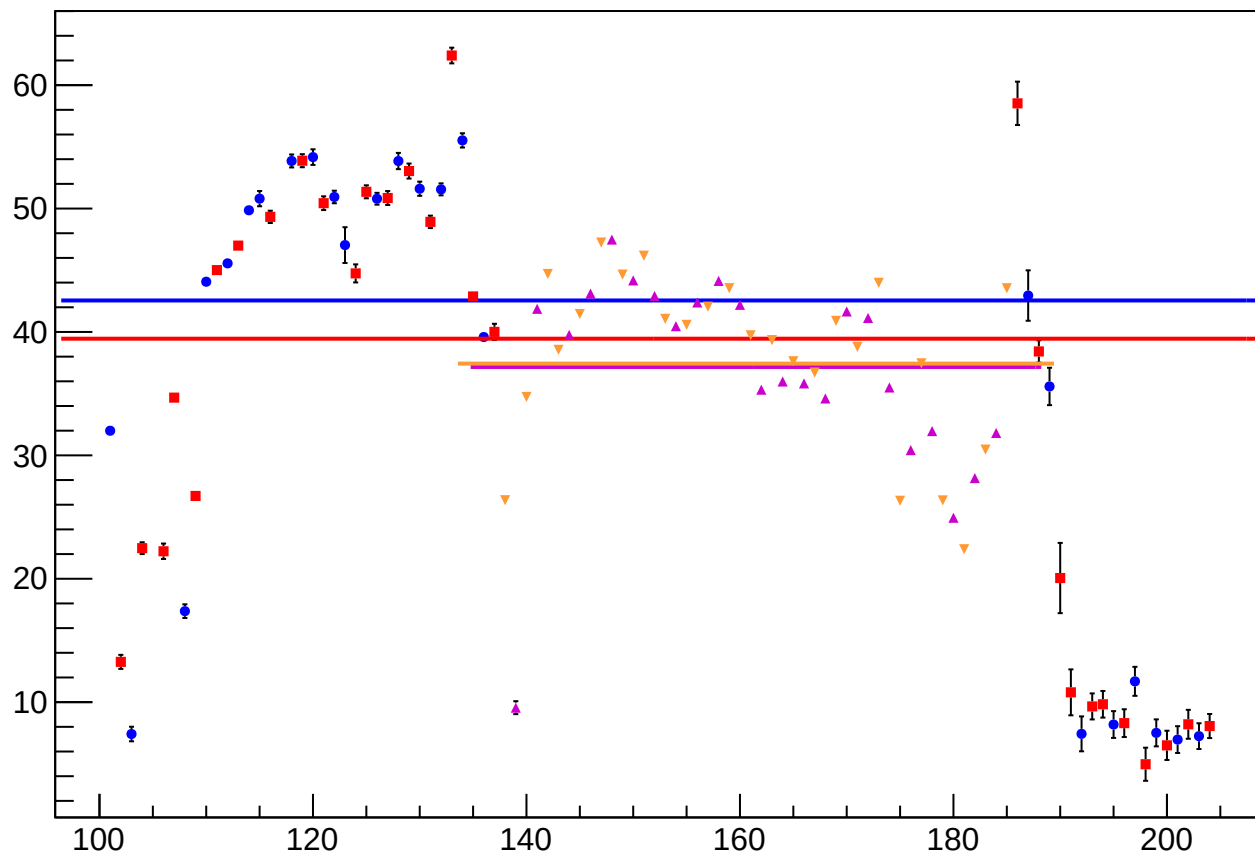
Left In: -26.733 ± 0.055 χ^2/NDF : 42643.0/22

+ sign -30.371 ± 0.048 χ^2/NDF : 91739.4/49

All: -30.952 ± 0.034 χ^2/NDF : 183835.8/101

- sign -31.514 ± 0.048 χ^2/NDF : 91811.8/51

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 42.553+/-0.085 χ^2 /NDF: 16412.9/24

Left Out: 37.435+/-0.047 χ^2 /NDF:21517.4/24

Right Out: 39.453+/-0.078 χ^2 /NDF: 23071.3/28

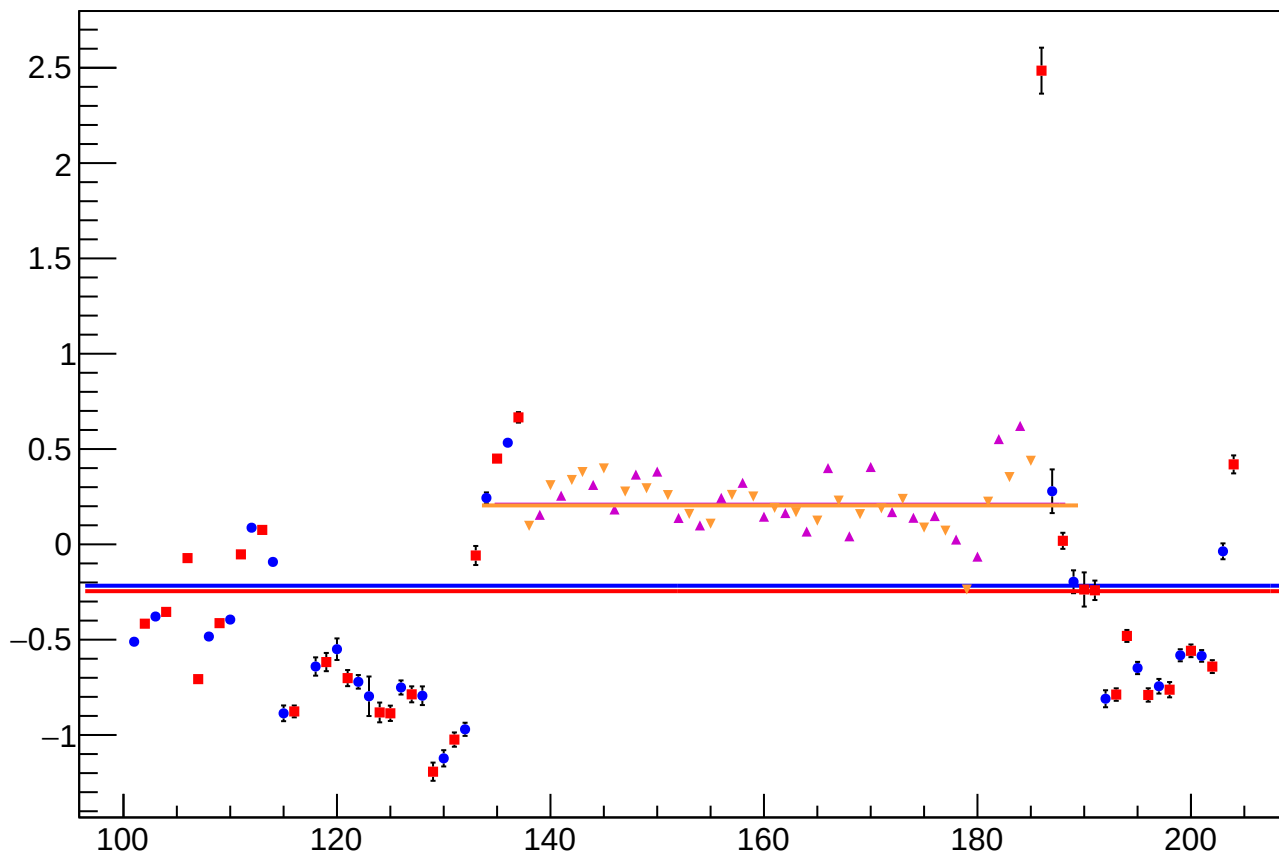
Left In: 37.164+/-0.049 χ^2 /NDF:17427.3/22

+ sign 38.648+/-0.041 χ^2 /NDF: 40700.3/49

All: 38.231+/-0.029 χ^2 /NDF: 82015.5/101

- sign 37.810+/-0.042 χ^2 /NDF: 41111.2/51

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.217 ± 0.005 χ^2/NDF : 8303.7/24

Left Out: 0.204 ± 0.002 χ^2/NDF : 3801.8/24

Right Out: -0.246 ± 0.004 χ^2/NDF : 9215.2/28

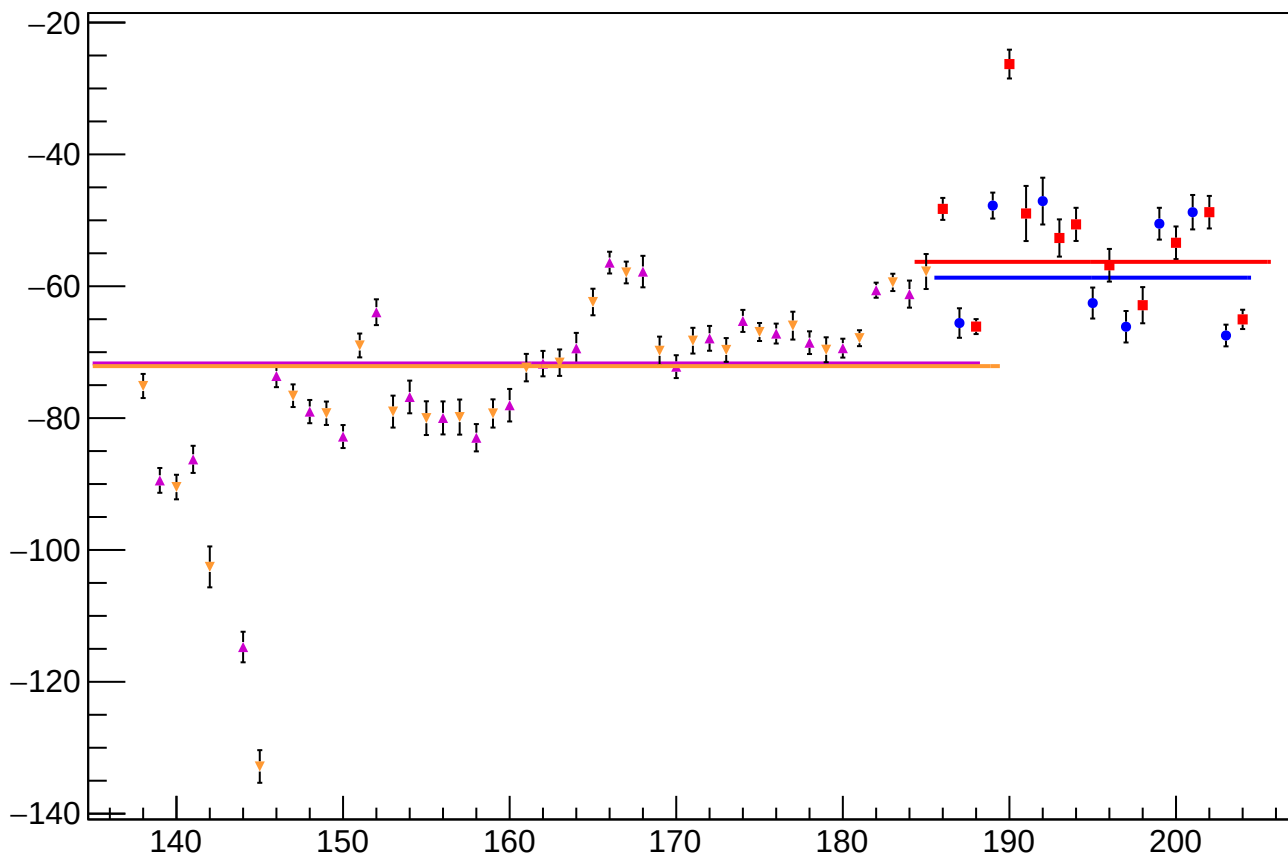
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.126 ± 0.002 χ^2/NDF : 19029.0/49

All: 0.114 ± 0.001 χ^2/NDF : 42976.7/101

- sign 0.103 ± 0.002 χ^2/NDF : 23877.4/51

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -58.699 ± 0.795 χ^2/NDF : 117.8/7

Left Out: -72.115 ± 0.383 χ^2/NDF : 1125.2/23

Right Out: -56.298 ± 0.600 χ^2/NDF : 348.2/10

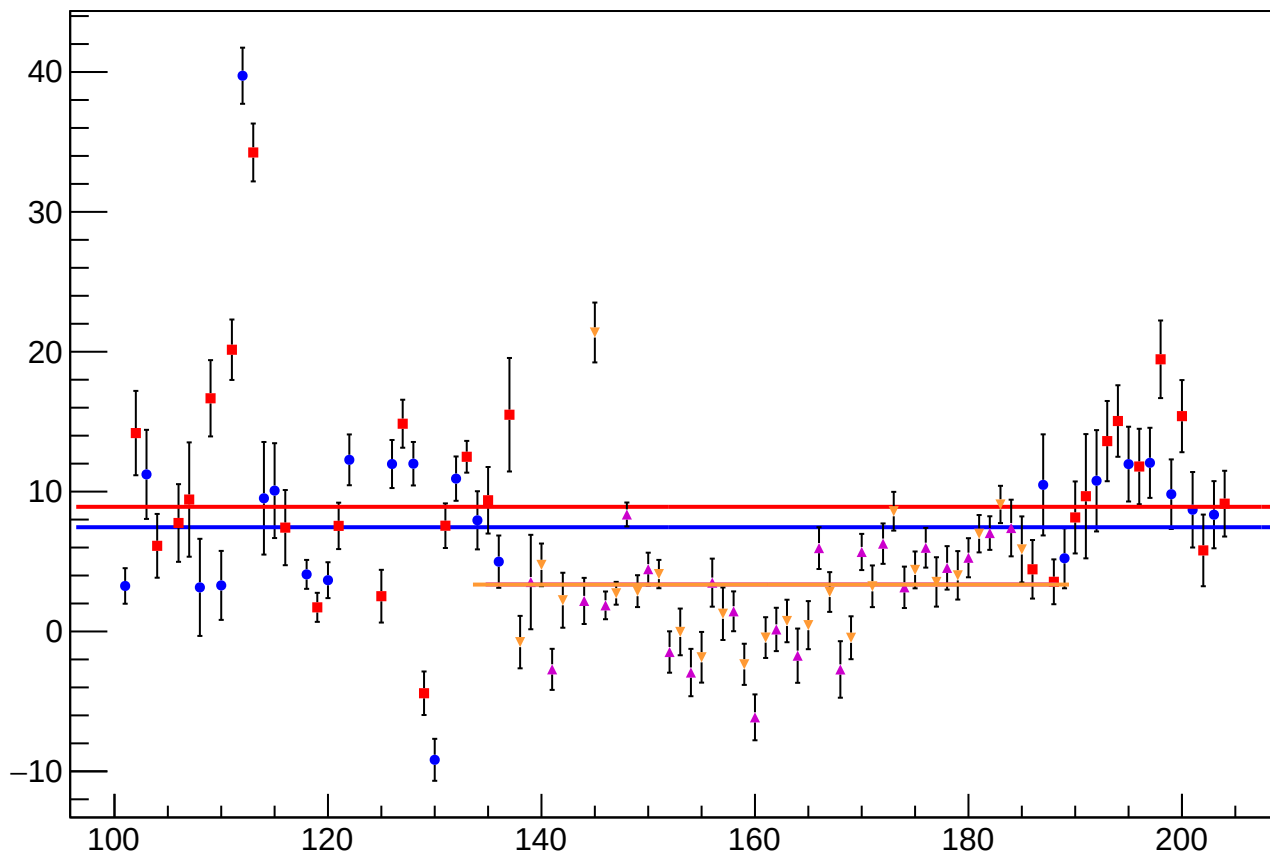
Left In: -71.713 ± 0.380 χ^2/NDF : 884.6/22

+ sign -69.592 ± 0.345 χ^2/NDF : 1474.0/31

All: -68.363 ± 0.235 χ^2/NDF : 3201.3/65

- sign -67.297 ± 0.321 χ^2/NDF : 1703.5/33

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.454 ± 0.393 χ^2/NDF : 457.8/23

Left Out: 3.353 ± 0.295 χ^2/NDF : 167.8/23

Right Out: 8.912 ± 0.384 χ^2/NDF : 396.6/27

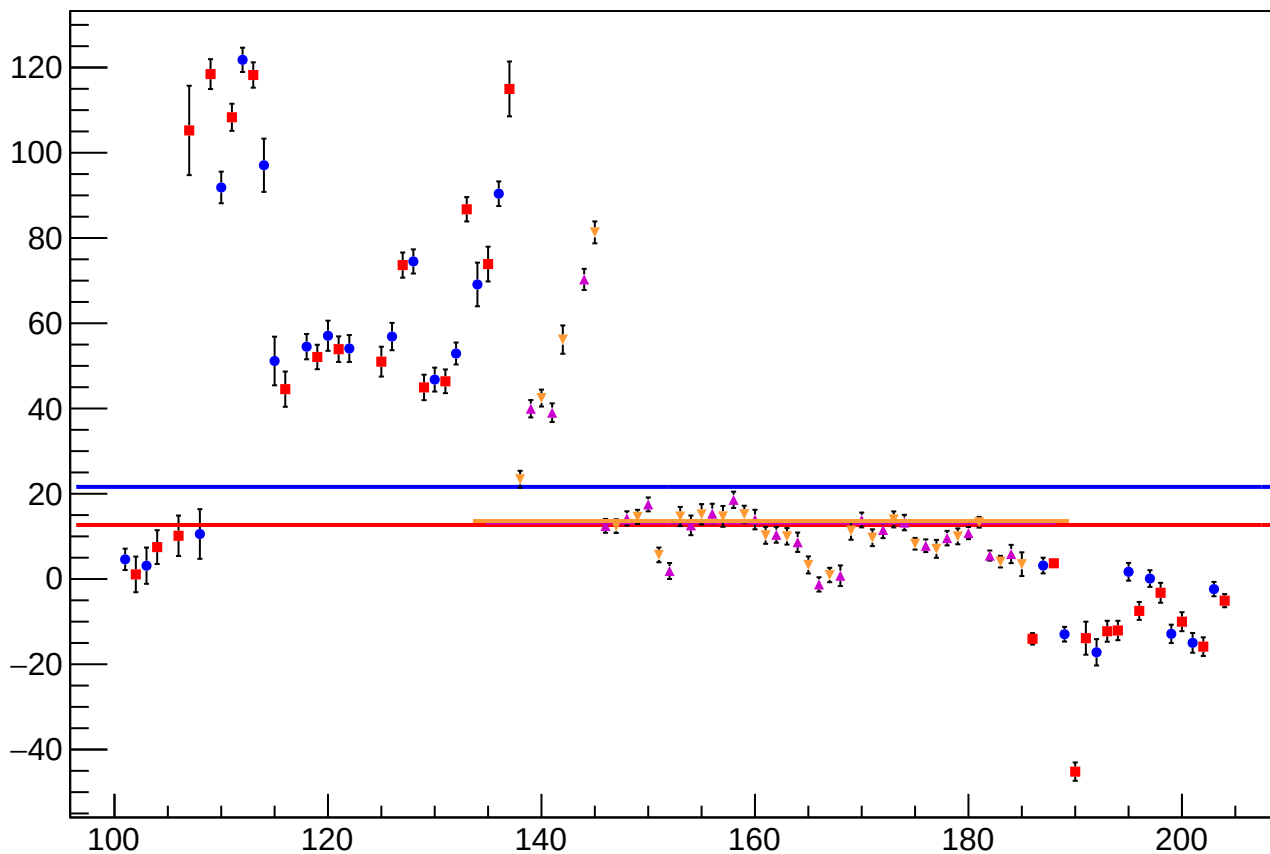
Left In: 3.360 ± 0.298 χ^2/NDF : 164.5/22

+ sign 4.826 ± 0.236 χ^2/NDF : 695.2/47

All: 5.136 ± 0.167 χ^2/NDF : 1390.4/98

- sign 5.444 ± 0.235 χ^2/NDF : 691.8/50

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 21.611 $\pm$ 0.540 χ^2 /NDF: 5087.7/23

Left Out: 13.610 $\pm$ 0.382 χ^2 /NDF:1303.3/23

Right Out: 12.677 $\pm$ 0.446 χ^2 /NDF: 7585.8/27

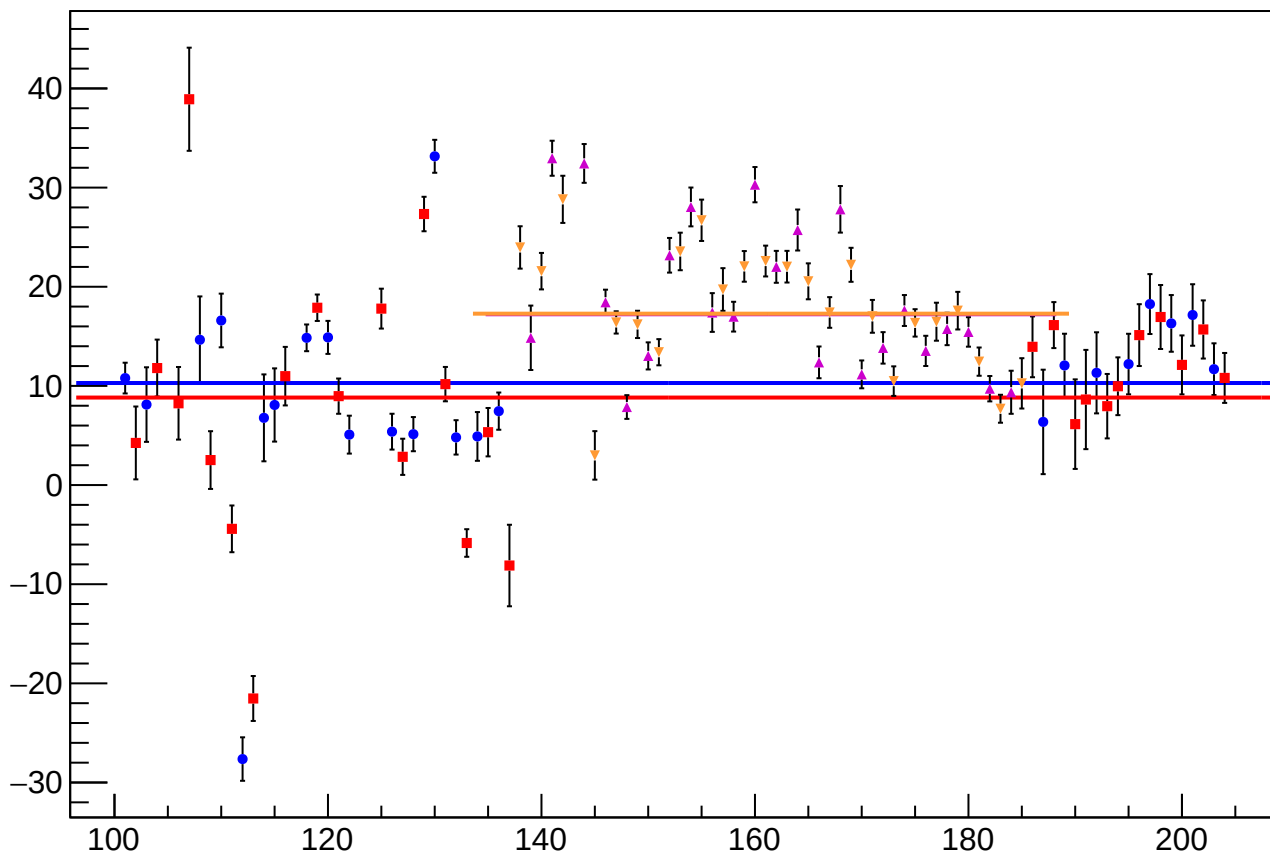
Left In: 13.262 $\pm$ 0.379 χ^2 /NDF:1077.0/22

+ sign 16.274 $\pm$ 0.312 χ^2 /NDF: 6537.3/47

All: 14.520 $\pm$ 0.212 χ^2 /NDF: 15259.8/98

- sign 13.017 $\pm$ 0.289 χ^2 /NDF: 8663.7/50

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 10.292 $\pm$ 0.458 χ^2/NDF : 574.3/23

Left Out: 17.285 $\pm$ 0.337 χ^2/NDF :244.0/23

Right Out: 8.824 $\pm$ 0.450 χ^2/NDF : 604.2/27

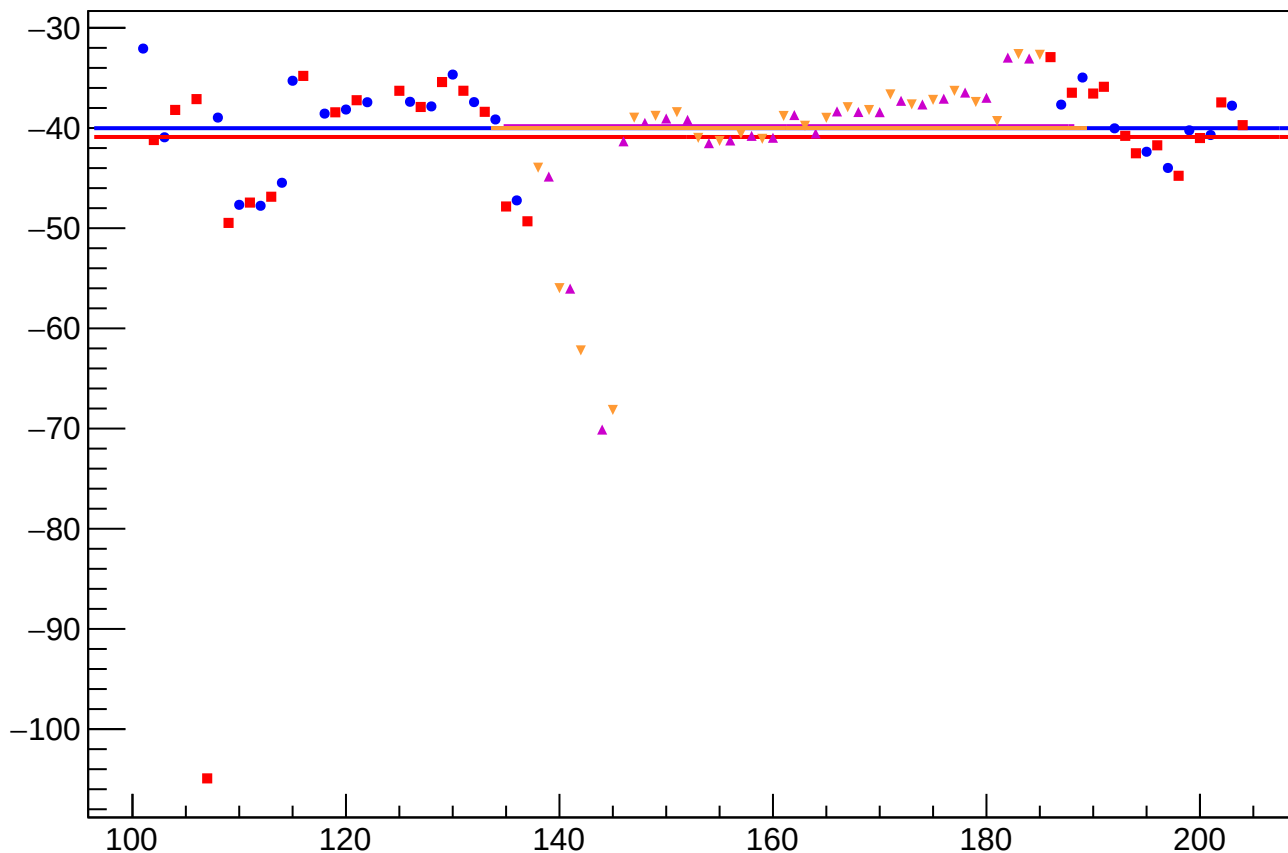
Left In: 17.224 $\pm$ 0.339 χ^2/NDF :442.2/22

+ sign 14.829 $\pm$ 0.271 χ^2/NDF : 969.5/47

All: 14.510 $\pm$ 0.192 χ^2/NDF : 2240.9/98

- sign 14.193 $\pm$ 0.271 χ^2/NDF : 1268.6/50

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -40.016 ± 0.024 χ^2/NDF : 30902.9/23

Left Out: -40.002 ± 0.016 χ^2/NDF : 172150.1/23

Right Out: -40.895 ± 0.022 χ^2/NDF : 103112.5/27

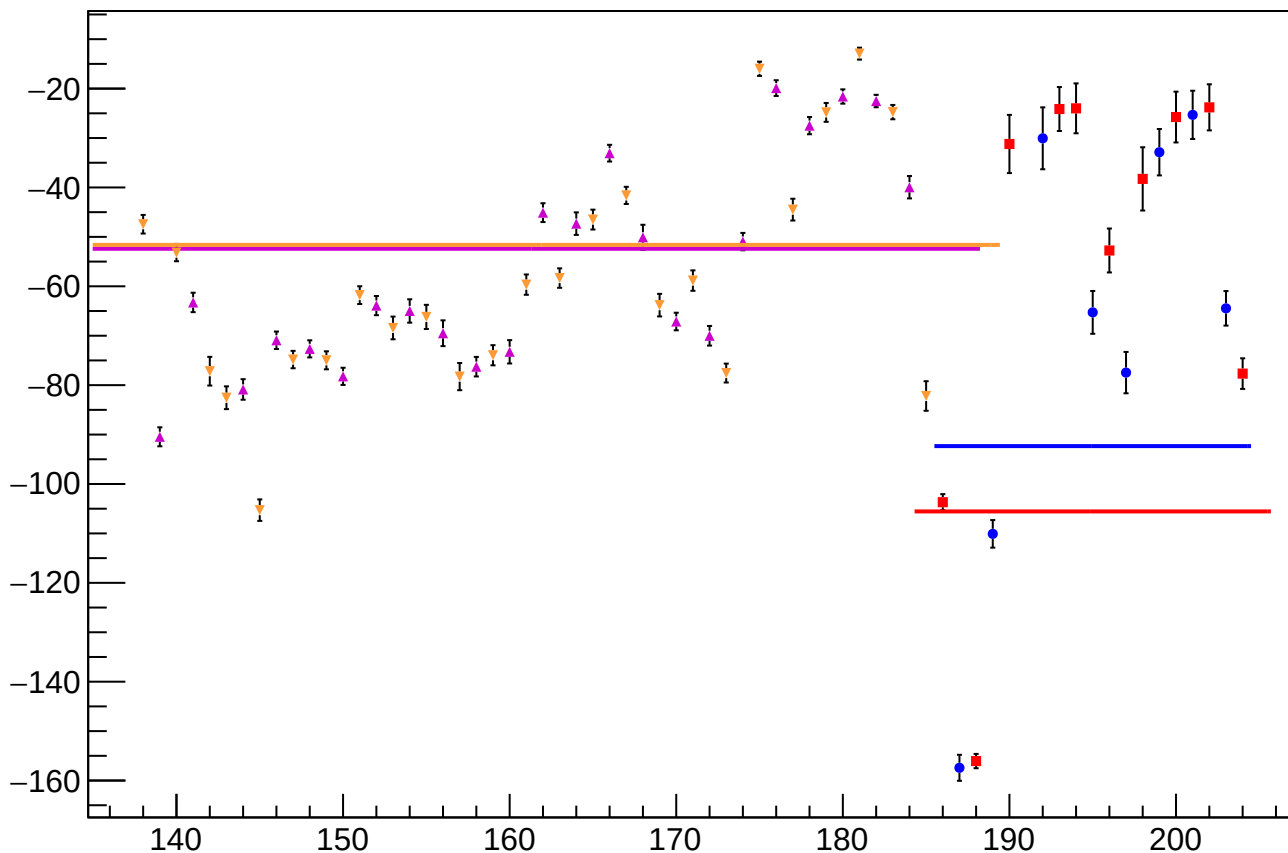
Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

+ sign -40.006 ± 0.013 χ^2/NDF : 203053.3/47

All: -40.091 ± 0.009 χ^2/NDF : 453634.9/98

- sign -40.172 ± 0.013 χ^2/NDF : 250499.9/50

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -92.335 ± 1.315 χ^2/NDF : 1215.4/7

Left Out: -51.622 ± 0.383 χ^2/NDF : 4133.0/24

Right Out: -105.551 ± 0.900 χ^2/NDF : 2859.0/9

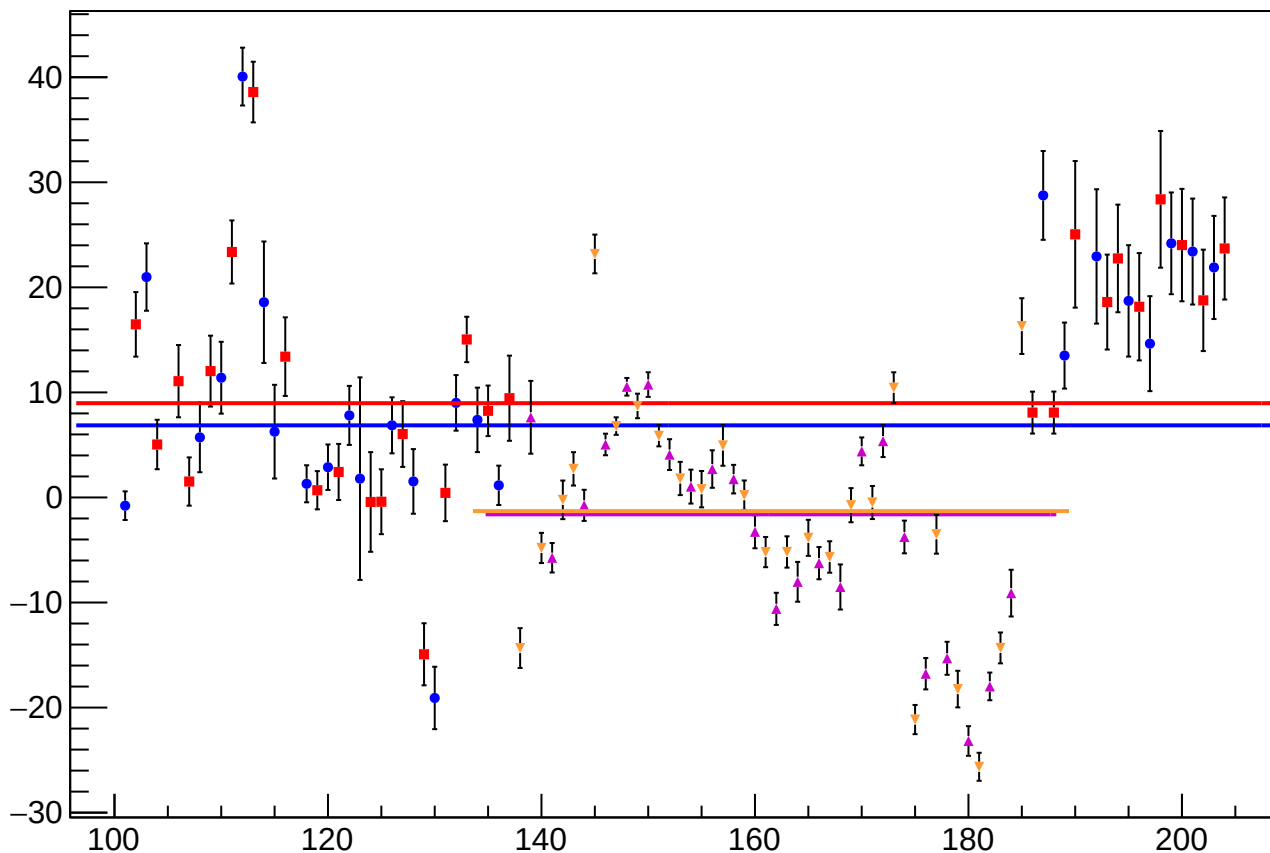
Left In: -52.409 ± 0.387 χ^2/NDF : 3378.7/22

+ sign -54.811 ± 0.368 χ^2/NDF : 6231.4/32

All: -57.865 ± 0.256 χ^2/NDF : 15546.8/65

- sign -60.716 ± 0.356 χ^2/NDF : 9182.4/32

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 6.864 ± 0.579 $\chi^2/\text{NDF}: 383.9/24$

Left Out: -1.300 ± 0.293 $\chi^2/\text{NDF}: 1315.7/24$

Right Out: 8.973 ± 0.565 $\chi^2/\text{NDF}: 325.3/27$

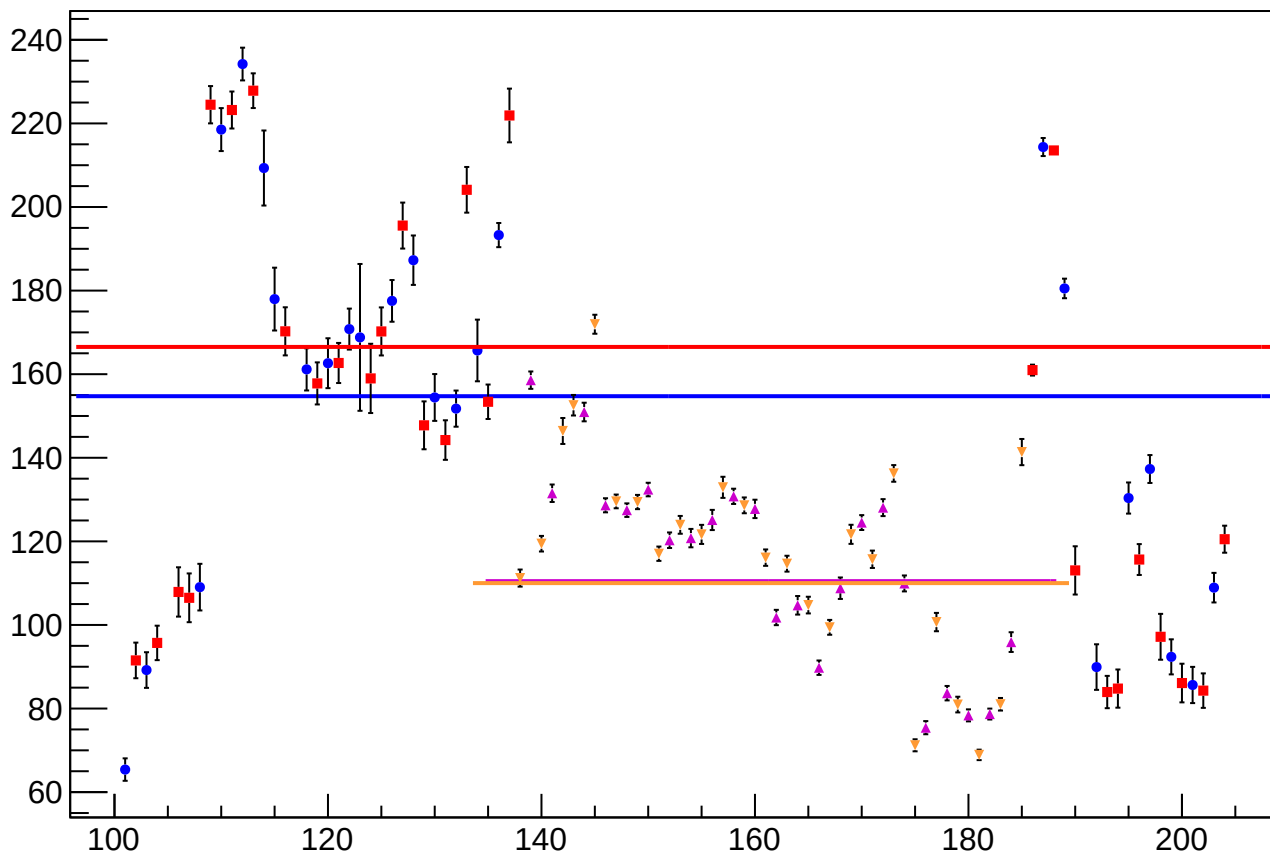
Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

+ sign 0.359 ± 0.261 $\chi^2/\text{NDF}: 1858.0/49$

All: 0.535 ± 0.186 $\chi^2/\text{NDF}: 3555.6/100$

- sign 0.715 ± 0.265 $\chi^2/\text{NDF}: 1696.7/50$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 154.732 $\pm$ 0.804 χ^2 /NDF: 4005.0/24

Left Out: 110.012 $\pm$ 0.383 χ^2 /NDF: 4537.0/24

Right Out: 166.523 $\pm$ 0.633 χ^2 /NDF: 5330.6/27

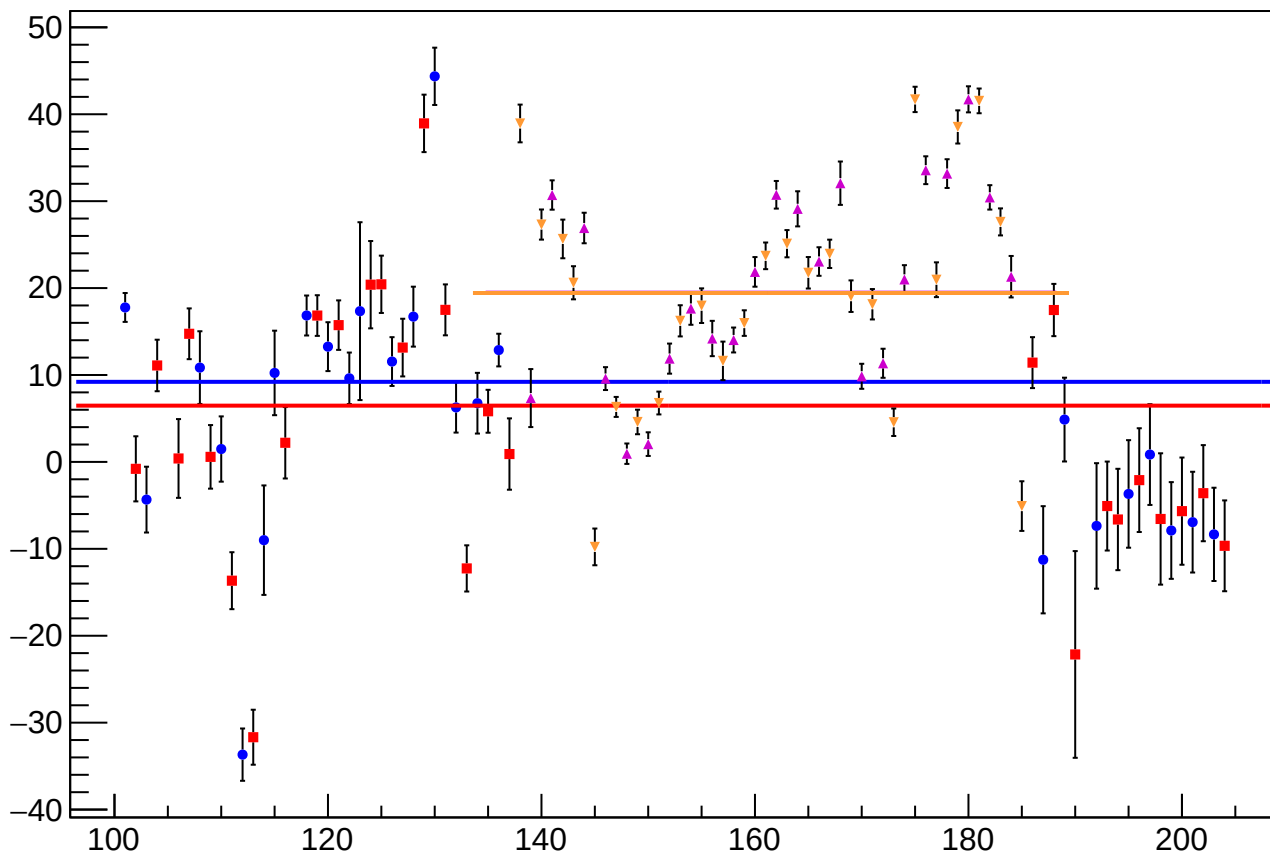
Left In: 110.482 $\pm$ 0.385 χ^2 /NDF: 3824.9/22

+ sign 118.268 $\pm$ 0.346 χ^2 /NDF: 11062.0/49

All: 122.117 $\pm$ 0.238 χ^2 /NDF: 26178.5/100

- sign 125.600 $\pm$ 0.329 χ^2 /NDF: 14880.2/50

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 9.213 ± 0.673 χ^2/NDF : 445.0/24

Left Out: 19.434 ± 0.336 χ^2/NDF : 1452.3/24

Right Out: 6.474 ± 0.671 χ^2/NDF : 478.9/27

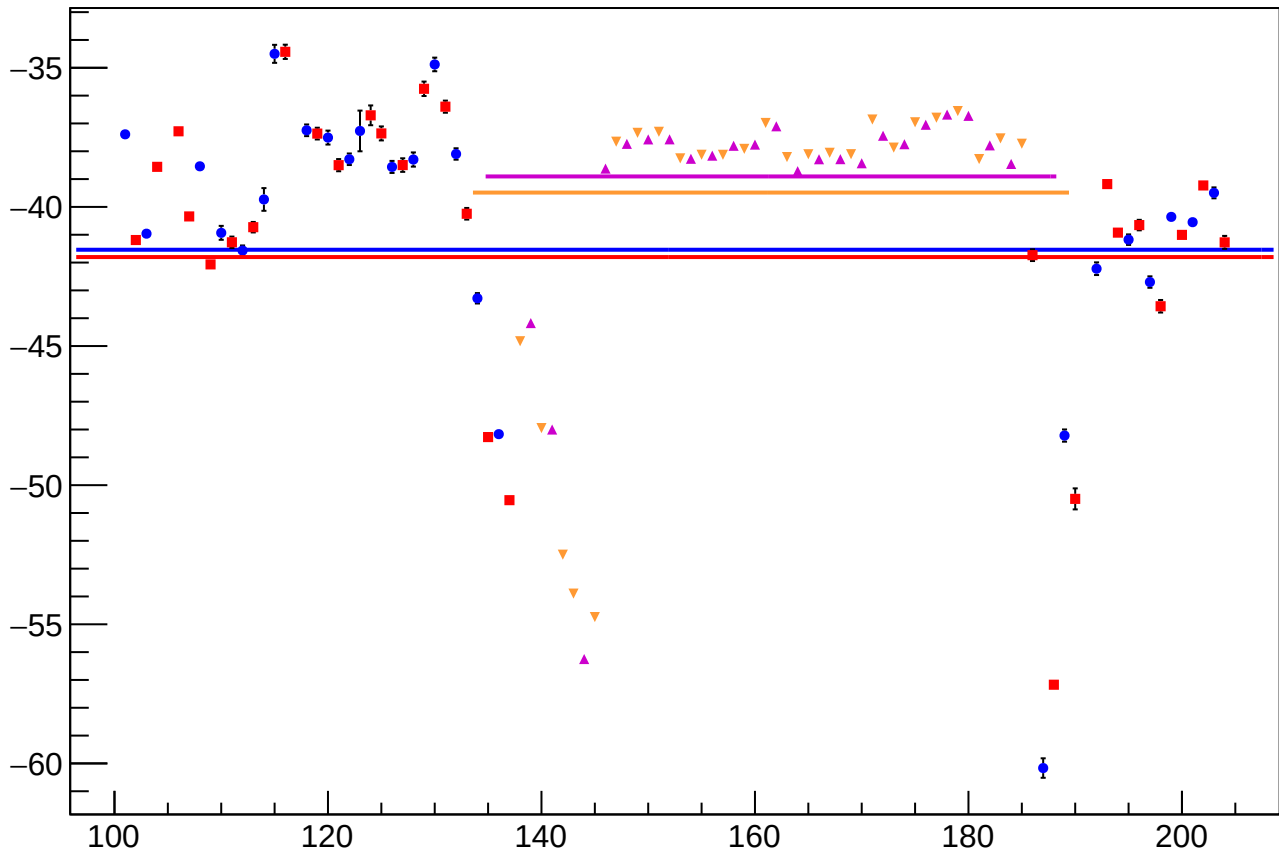
Left In: 19.472 ± 0.342 χ^2/NDF : 1188.2/22

+ sign 17.401 ± 0.300 χ^2/NDF : 2081.9/49

All: 17.102 ± 0.214 χ^2/NDF : 4049.2/100

- sign 16.795 ± 0.304 χ^2/NDF : 1965.3/50

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.539 ± 0.034 $\chi^2/\text{NDF}: 16616.6/24$

Left Out: -39.484 ± 0.016 $\chi^2/\text{NDF}: 88877.3/24$

Right Out: -41.802 ± 0.033 $\chi^2/\text{NDF}: 22703.6/27$

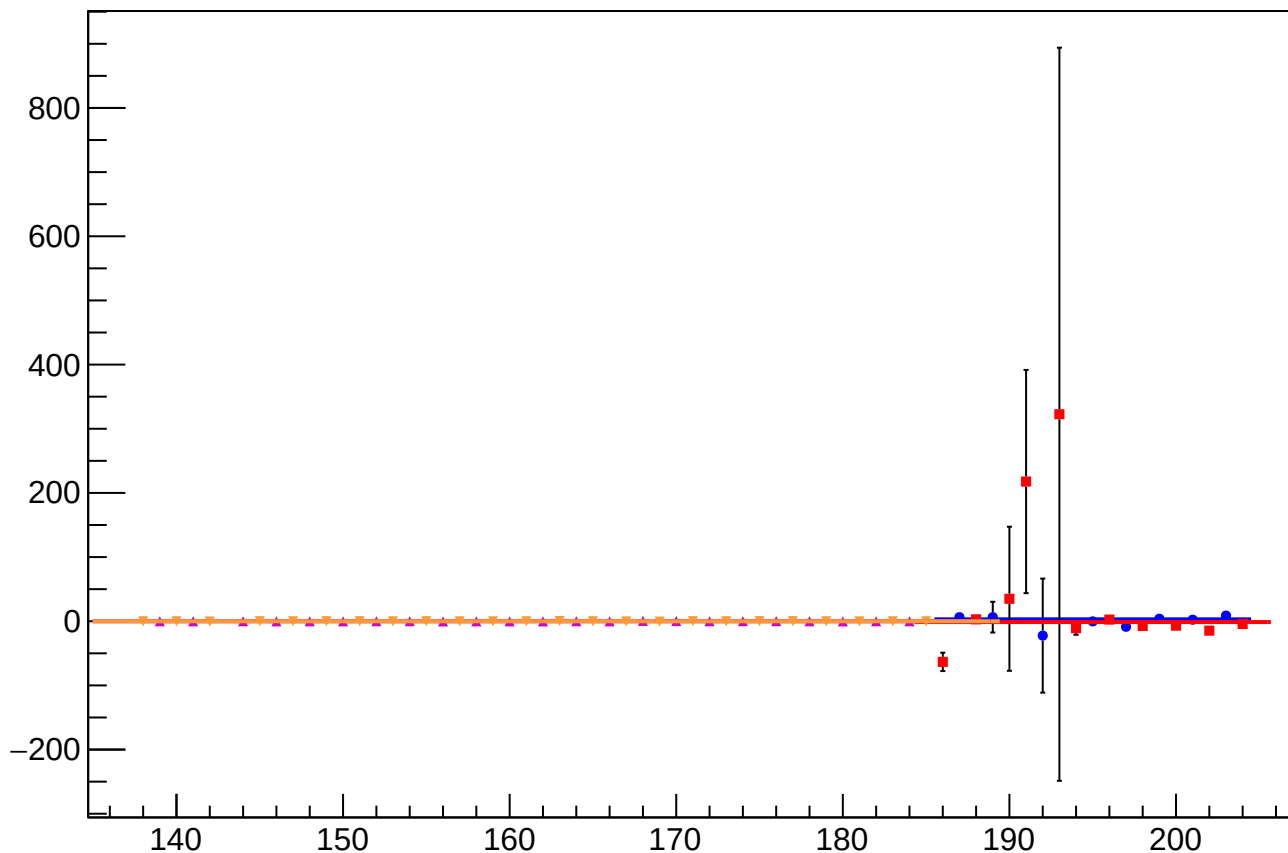
Left In: -38.905 ± 0.016 $\chi^2/\text{NDF}: 54282.7/22$

+ sign -39.852 ± 0.014 $\chi^2/\text{NDF}: 108533.2/49$

All: -39.654 ± 0.010 $\chi^2/\text{NDF}: 192319.2/100$

- sign -39.458 ± 0.014 $\chi^2/\text{NDF}: 83402.9/50$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 2.951 ± 1.809 χ^2/NDF : 9.7/7

Left Out: -0.089 ± 0.022 χ^2/NDF : 40.0/23

Right Out: -1.253 ± 1.486 χ^2/NDF : 34.1/10

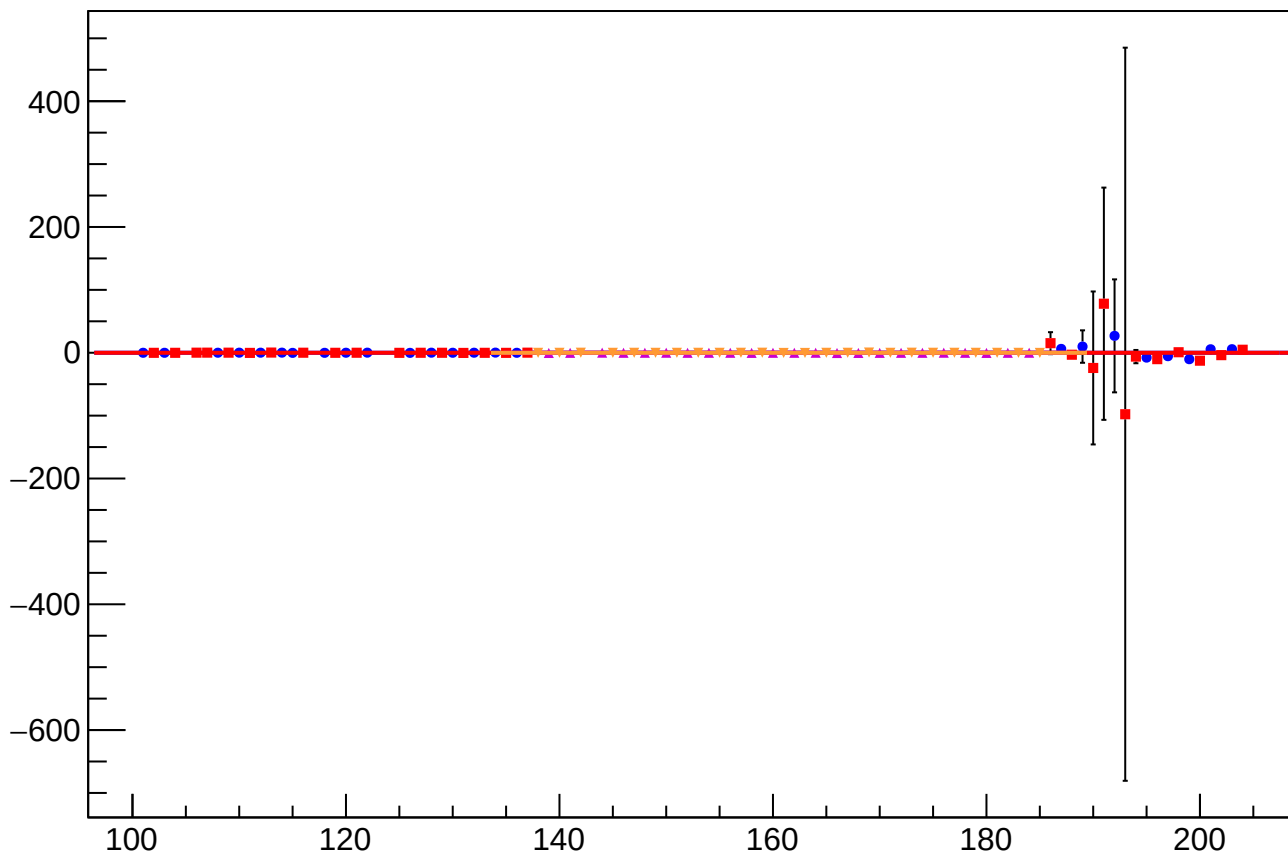
Left In: -0.026 ± 0.022 χ^2/NDF : 32.3/22

+ sign -0.088 ± 0.022 χ^2/NDF : 52.6/31

All: -0.057 ± 0.016 χ^2/NDF : 123.7/65

- sign -0.026 ± 0.022 χ^2/NDF : 67.1/33

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.001 ± 0.028 χ^2/NDF : 21.8/23

Left Out: -0.081 ± 0.017 χ^2/NDF : 25.8/23

Right Out: -0.052 ± 0.029 χ^2/NDF : 31.4/27

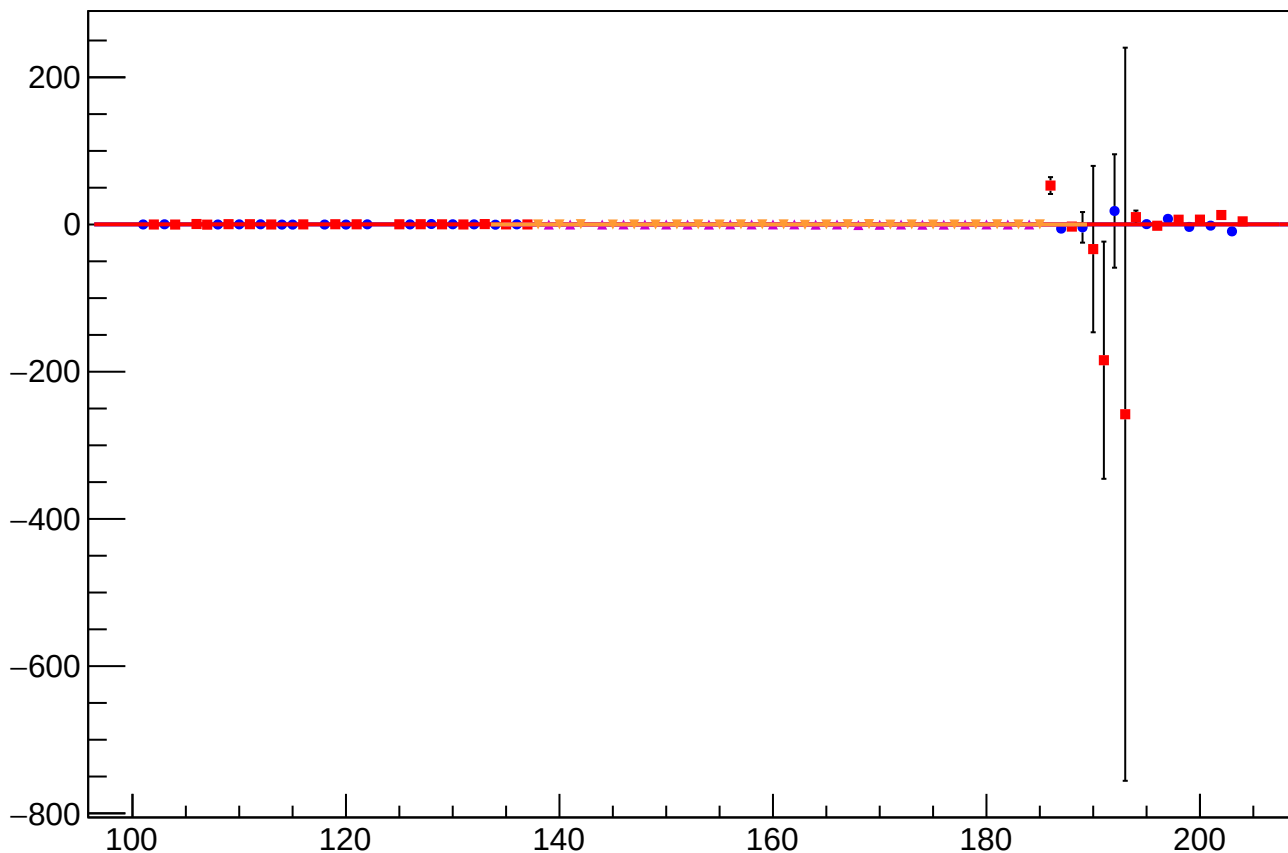
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 53.8/47

All: -0.056 ± 0.011 χ^2/NDF : 117.5/98

- sign -0.054 ± 0.015 χ^2/NDF : 63.6/50

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.168 ± 0.052 χ^2/NDF : 28.0/23

Left Out: 0.082 ± 0.022 χ^2/NDF : 38.7/23

Right Out: 0.241 ± 0.054 χ^2/NDF : 54.1/27

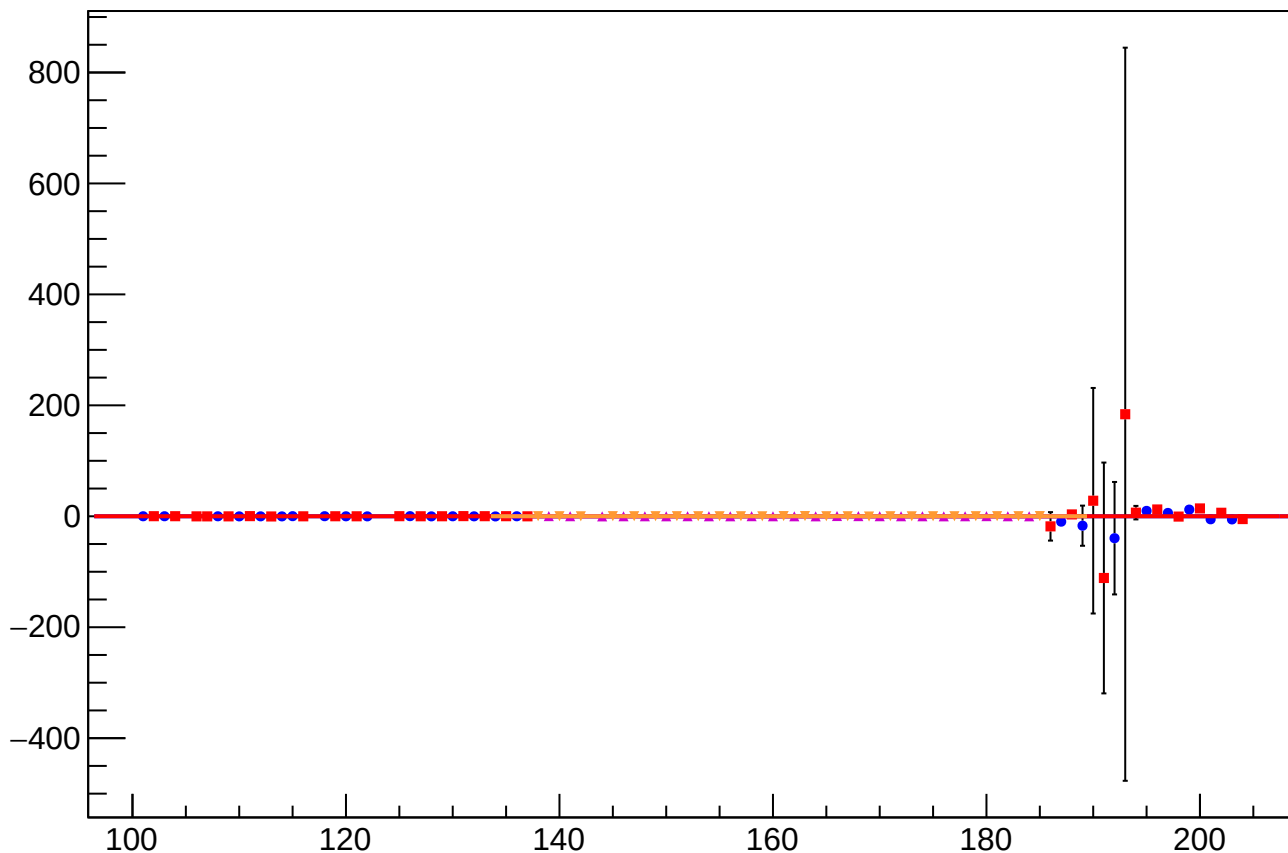
Left In: 0.020 ± 0.022 χ^2/NDF : 34.5/22

+ sign 0.095 ± 0.020 χ^2/NDF : 69.0/47

All: 0.073 ± 0.014 χ^2/NDF : 174.2/98

- sign 0.052 ± 0.020 χ^2/NDF : 103.0/50

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 23.3/23

Left Out: 0.105 ± 0.020 χ^2/NDF : 29.5/23

Right Out: 0.060 ± 0.034 χ^2/NDF : 30.2/27

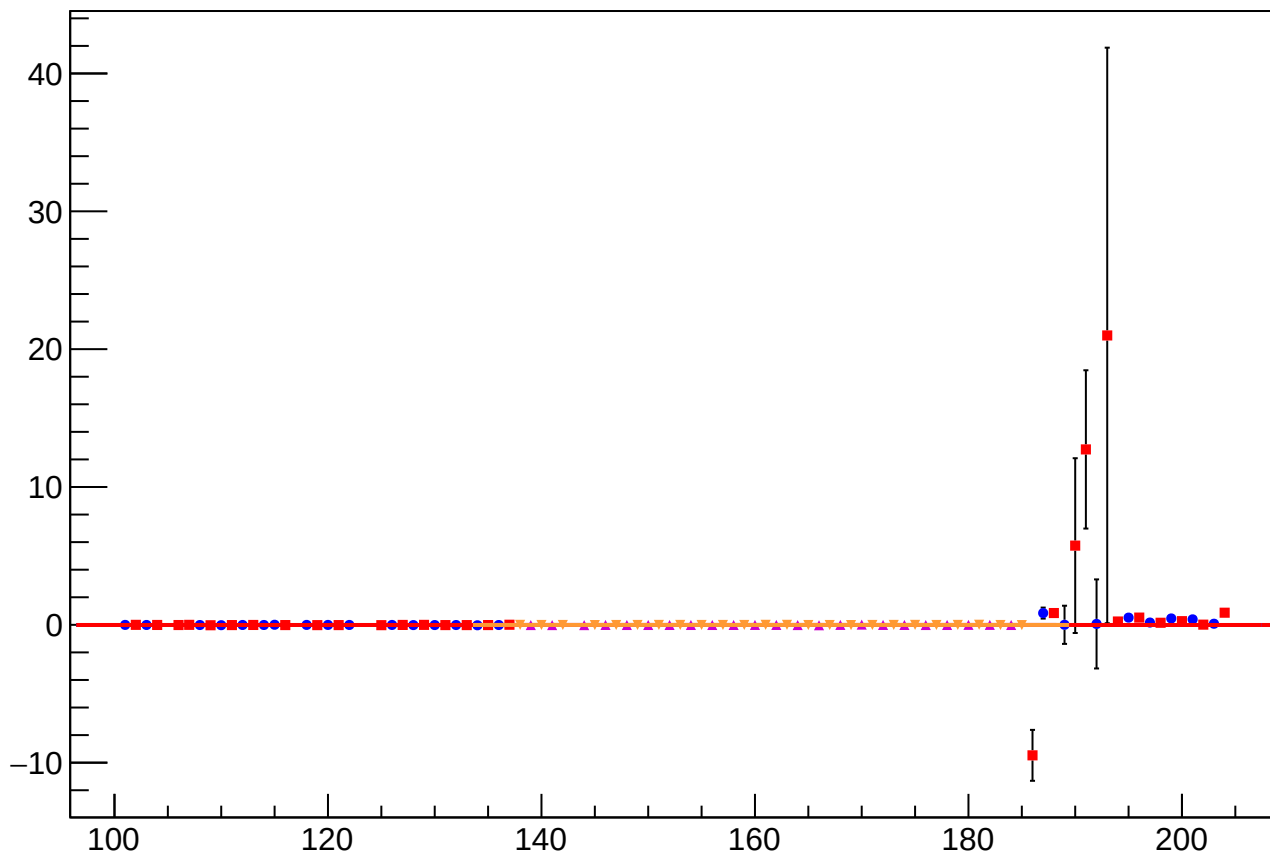
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 62.0/47

All: 0.072 ± 0.012 χ^2/NDF : 124.1/98

- sign 0.069 ± 0.017 χ^2/NDF : 62.0/50

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 35.1/23

Left Out: -0.008 ± 0.001 χ^2/NDF : 30.7/23

Right Out: -0.011 ± 0.002 χ^2/NDF : 88.6/27

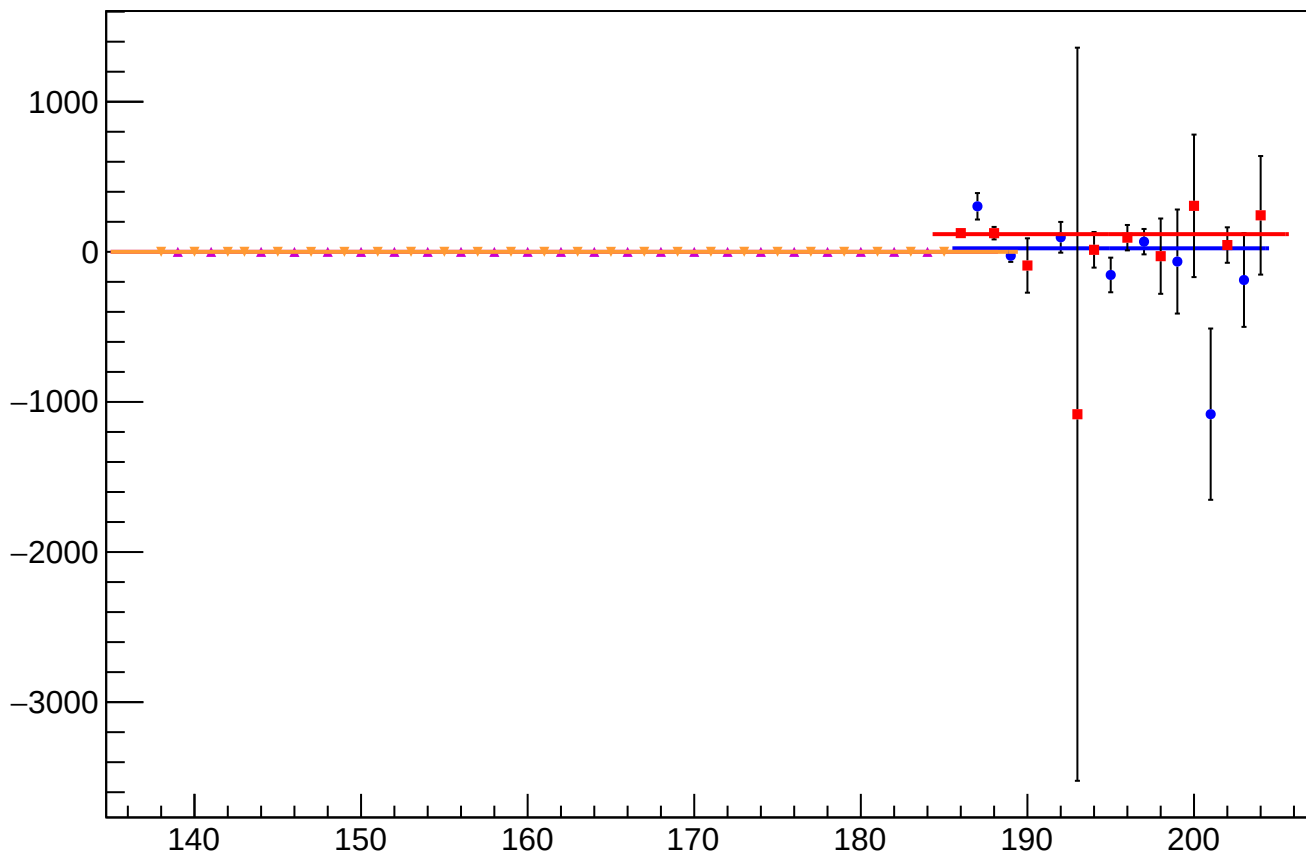
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 69.1/47

All: -0.009 ± 0.001 χ^2/NDF : 200.8/98

- sign -0.009 ± 0.001 χ^2/NDF : 131.5/50

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 23.538 $\pm$ 30.774 χ^2 /NDF: 19.0/7

Left Out: 0.013 $\pm$ 0.027 χ^2 /NDF:29.2/24

Right Out: 117.846 $\pm$ 16.353 χ^2 /NDF: 3.6/9

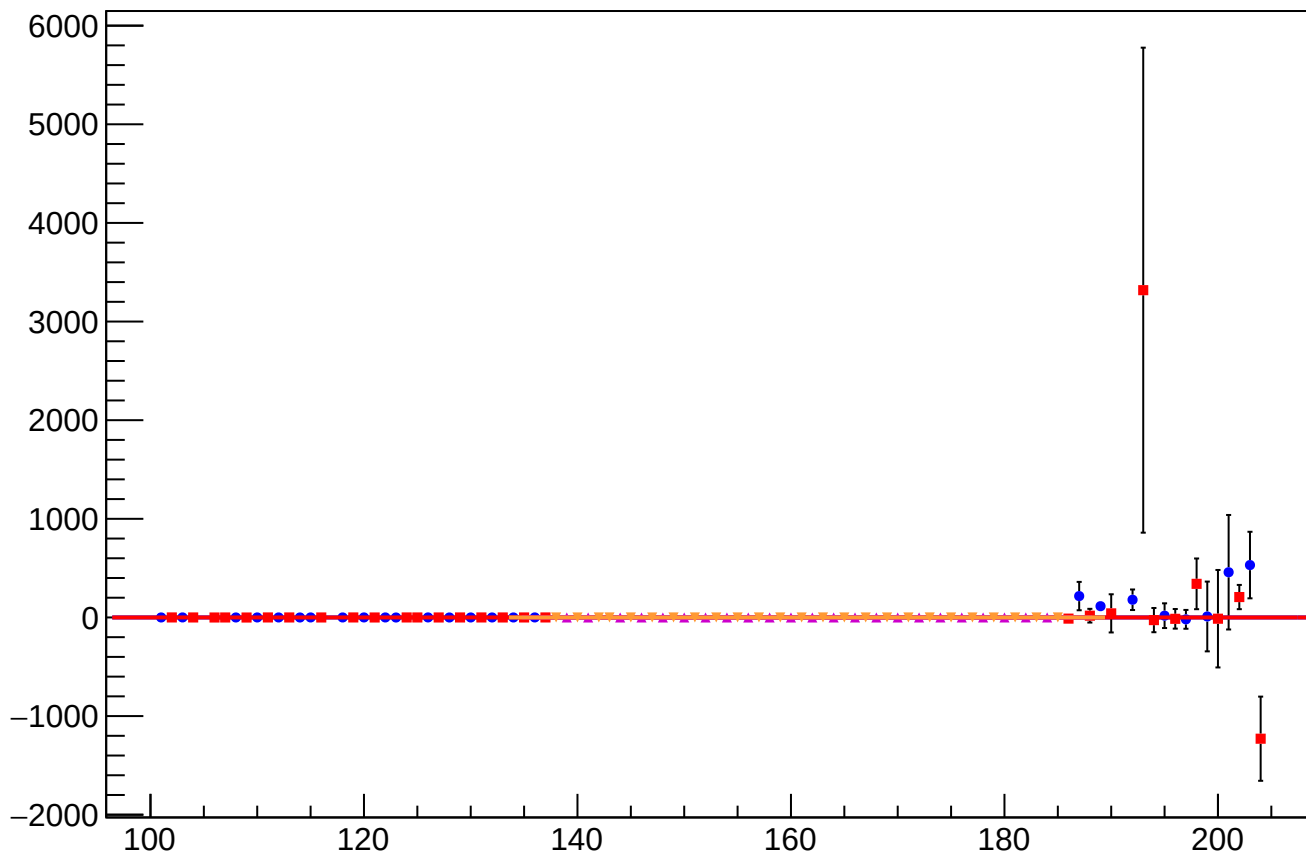
Left In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22

+ sign 0.013 $\pm$ 0.027 χ^2 /NDF: 48.7/32

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 132.4/65

- sign 0.005 $\pm$ 0.028 χ^2 /NDF: 83.7/32

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 37.7/24

Left Out: -0.058 ± 0.021 χ^2/NDF : 25.4/24

Right Out: -0.128 ± 0.039 χ^2/NDF : 32.6/27

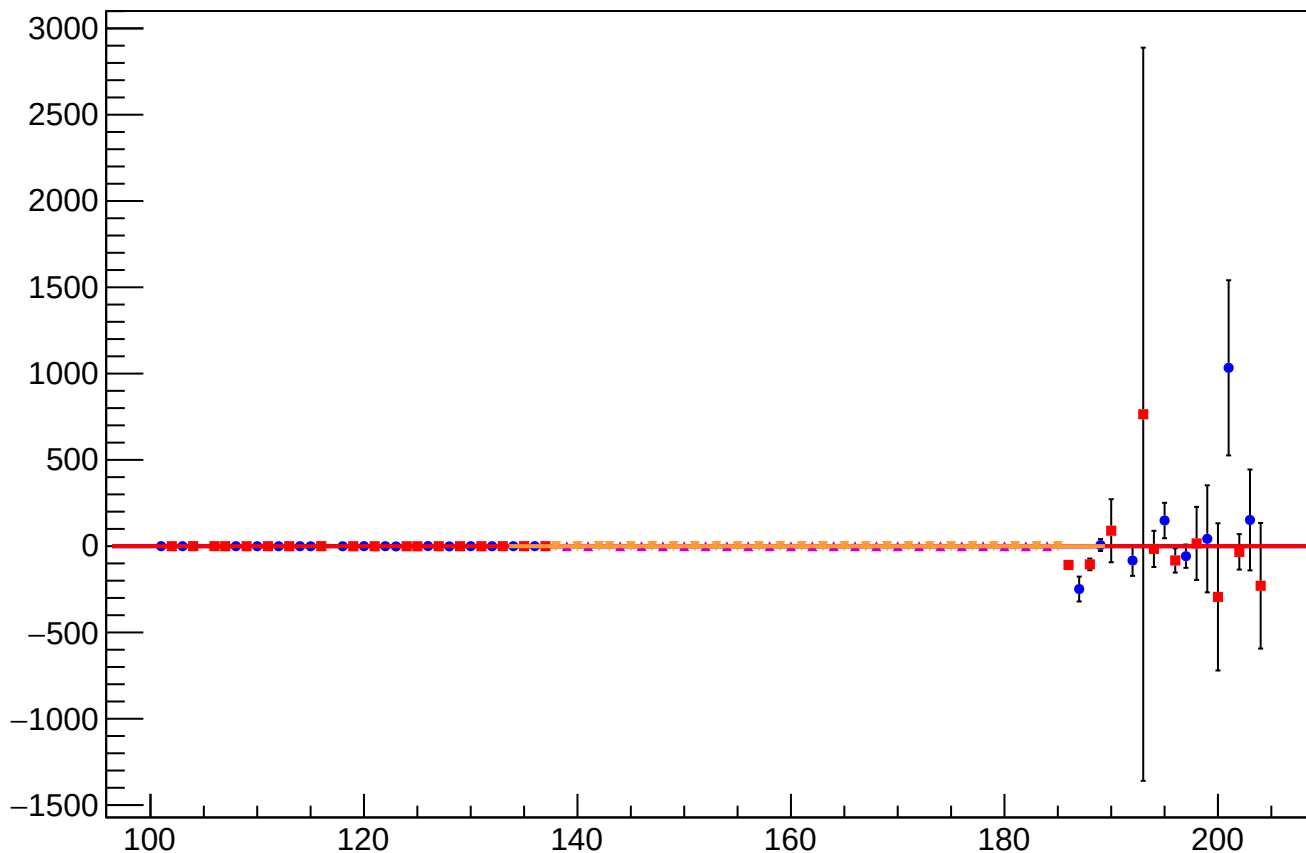
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 63.7/49

All: -0.066 ± 0.013 χ^2/NDF : 148.4/100

- sign -0.085 ± 0.019 χ^2/NDF : 82.9/50

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.130 ± 0.067 χ^2/NDF : 43.8/24

Left Out: -0.015 ± 0.027 χ^2/NDF : 27.0/24

Right Out: -0.176 ± 0.071 χ^2/NDF : 70.6/27

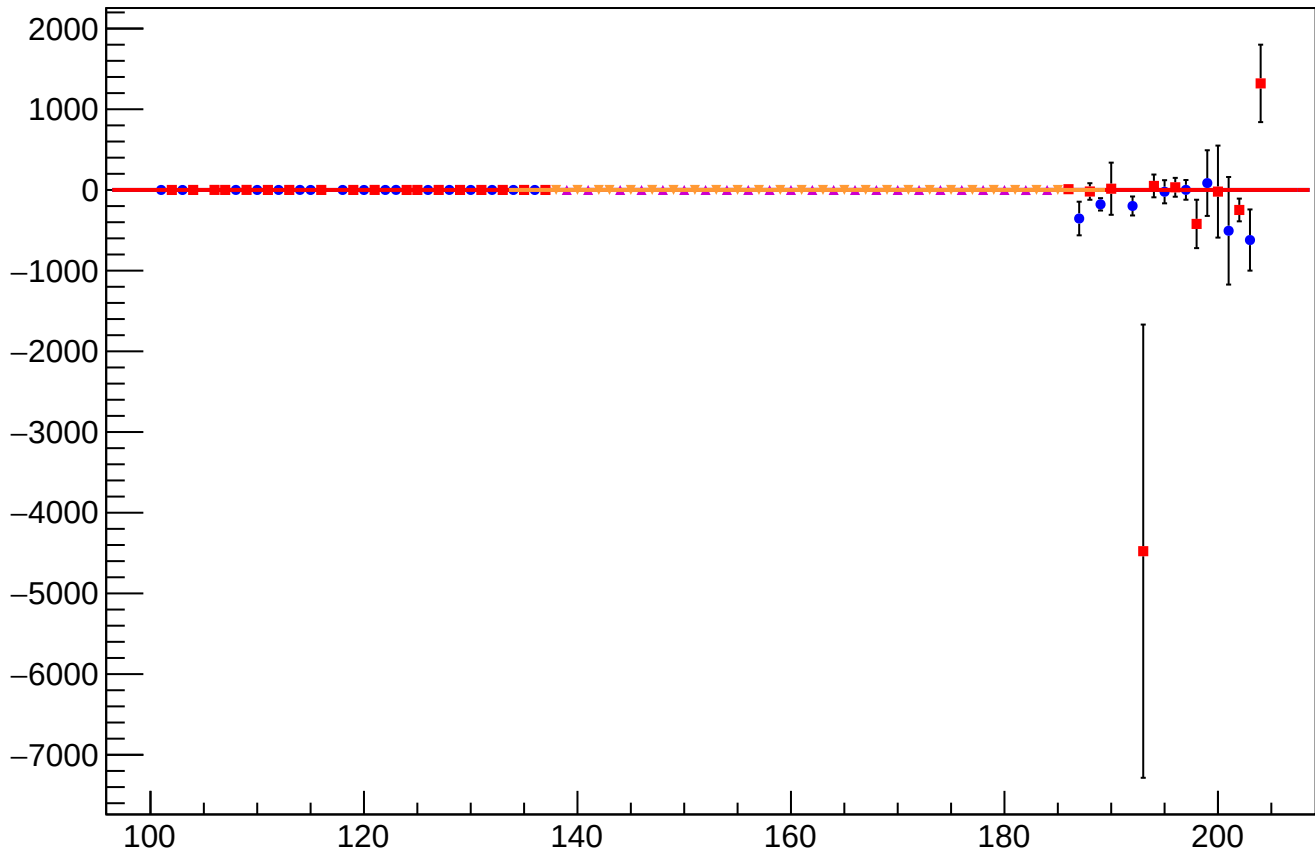
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 73.3/49

All: -0.042 ± 0.018 χ^2/NDF : 175.5/100

- sign -0.053 ± 0.026 χ^2/NDF : 101.8/50

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 37.0/24

Left Out: 0.062 ± 0.024 χ^2/NDF : 25.0/24

Right Out: 0.152 ± 0.045 χ^2/NDF : 31.3/27

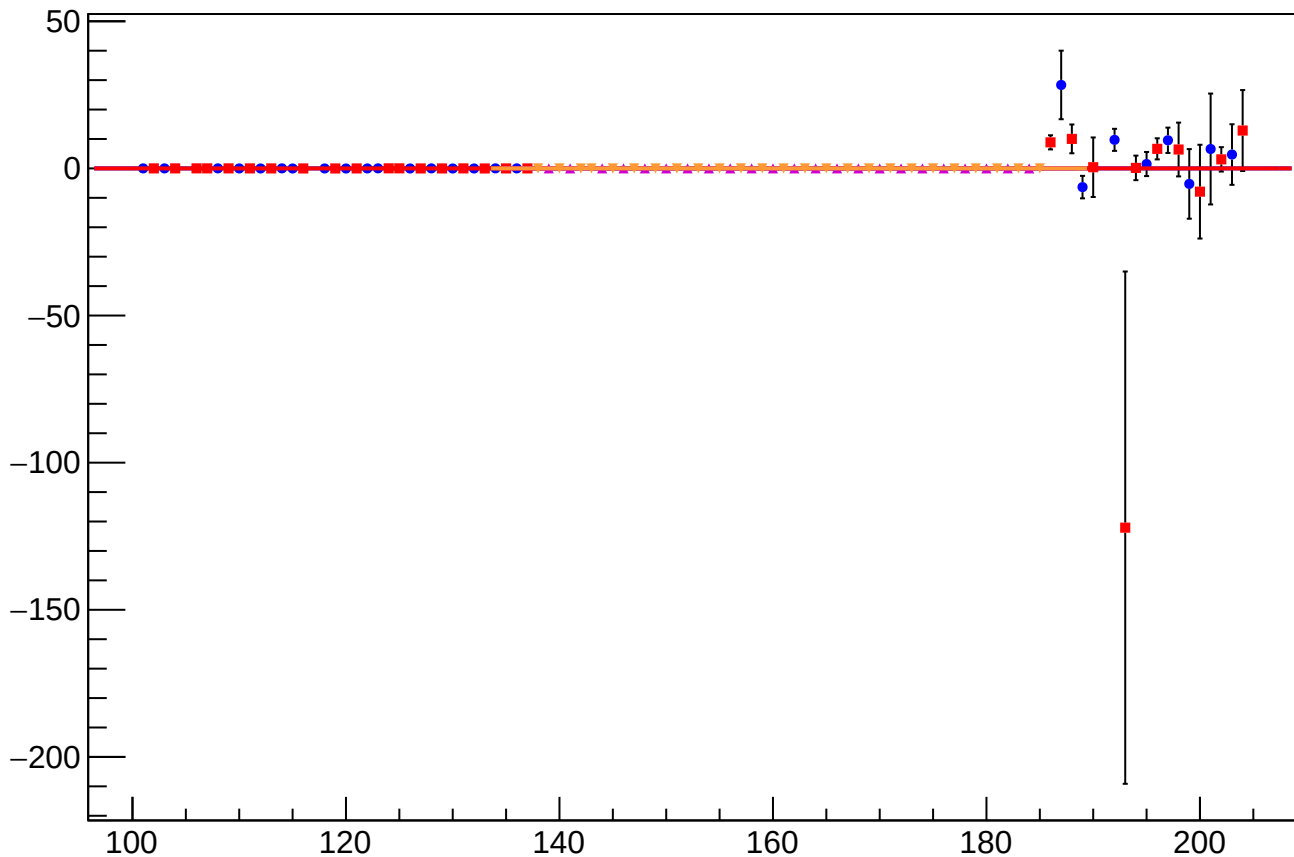
Left In: 0.069 ± 0.025 χ^2/NDF : 51.4/22

+ sign 0.052 ± 0.021 χ^2/NDF : 62.7/49

All: 0.069 ± 0.015 χ^2/NDF : 149.5/100

- sign 0.088 ± 0.022 χ^2/NDF : 85.3/50

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 ± 0.002 χ^2/NDF : 53.4/24

Left Out: 0.008 ± 0.001 χ^2/NDF : 25.9/24

Right Out: 0.002 ± 0.002 χ^2/NDF : 46.0/27

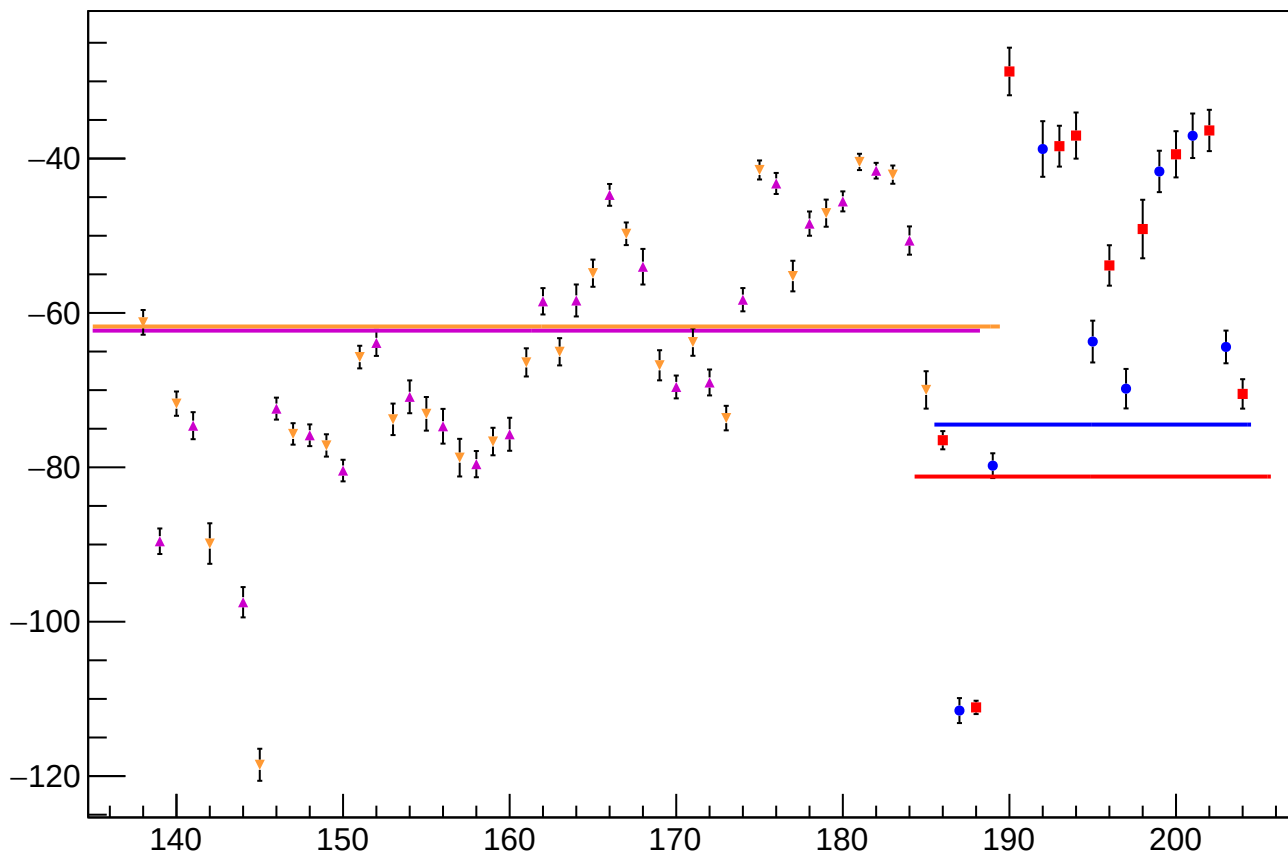
Left In: 0.009 ± 0.001 χ^2/NDF : 15.8/22

+ sign 0.007 ± 0.001 χ^2/NDF : 87.5/49

All: 0.007 ± 0.001 χ^2/NDF : 156.5/100

- sign 0.008 ± 0.001 χ^2/NDF : 68.6/50

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -74.462 ± 0.786 χ^2/NDF : 993.3/7

Left Out: -61.756 ± 0.334 χ^2/NDF : 2509.2/23

Right Out: -81.196 ± 0.562 χ^2/NDF : 2671.3/9

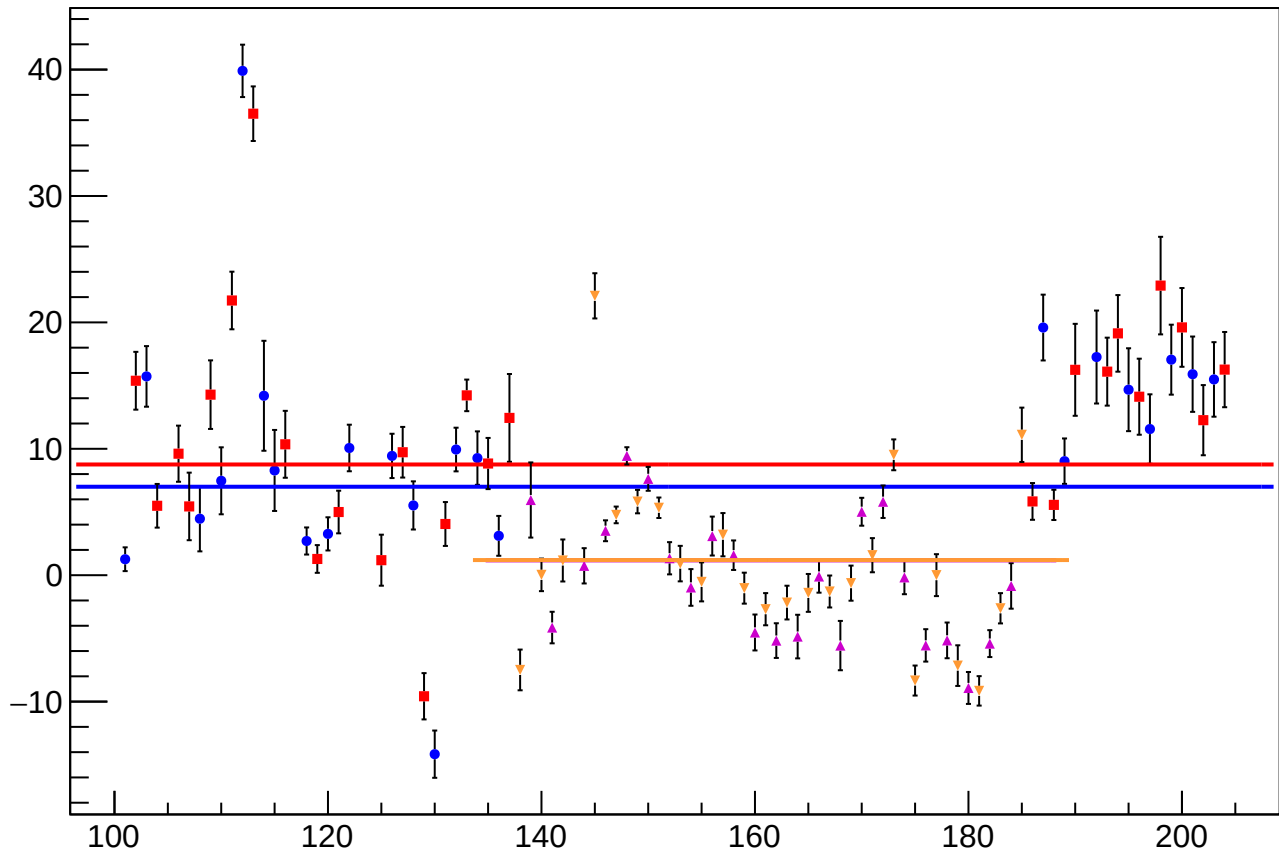
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ sign -63.698 ± 0.307 χ^2/NDF : 3724.0/31

All: -65.555 ± 0.209 χ^2/NDF : 9567.5/64

- sign -67.158 ± 0.285 χ^2/NDF : 5775.4/32

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.998 $\pm$ 0.387 χ^2/NDF : 545.0/23

Left Out: 1.197 $\pm$ 0.252 χ^2/NDF : 526.1/23

Right Out: 8.759 $\pm$ 0.382 χ^2/NDF : 480.7/26

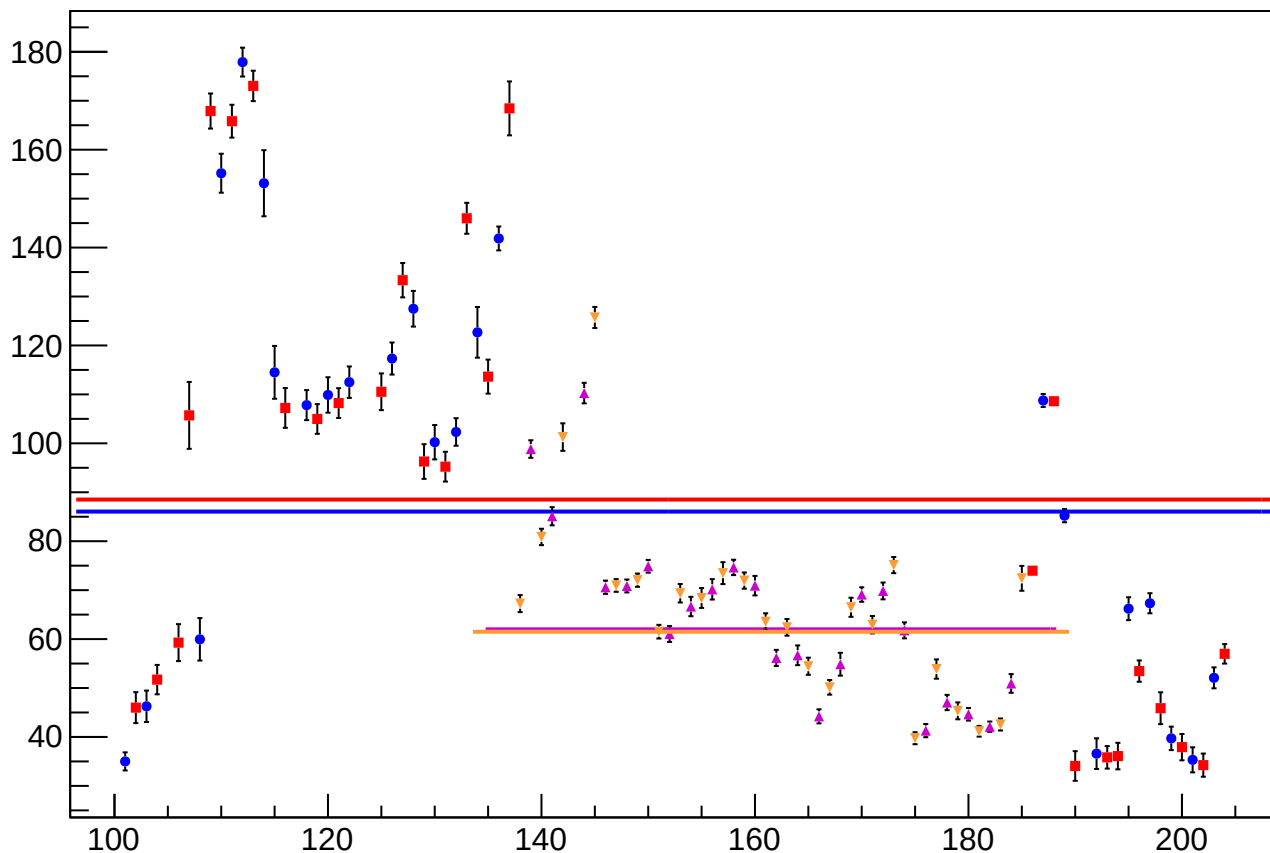
Left In: 1.171 $\pm$ 0.255 χ^2/NDF : 466.2/22

+ sign 2.931 $\pm$ 0.211 χ^2/NDF : 1228.9/47

All: 3.218 $\pm$ 0.150 χ^2/NDF : 2452.6/97

- sign 3.506 $\pm$ 0.212 χ^2/NDF : 1220.0/49

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 86.054 $\pm$ 0.519 χ^2 /NDF: 5066.2/23

Left Out: 61.496 $\pm$ 0.332 χ^2 /NDF: 2610.2/23

Right Out: 88.511 $\pm$ 0.411 χ^2 /NDF: 6909.2/26

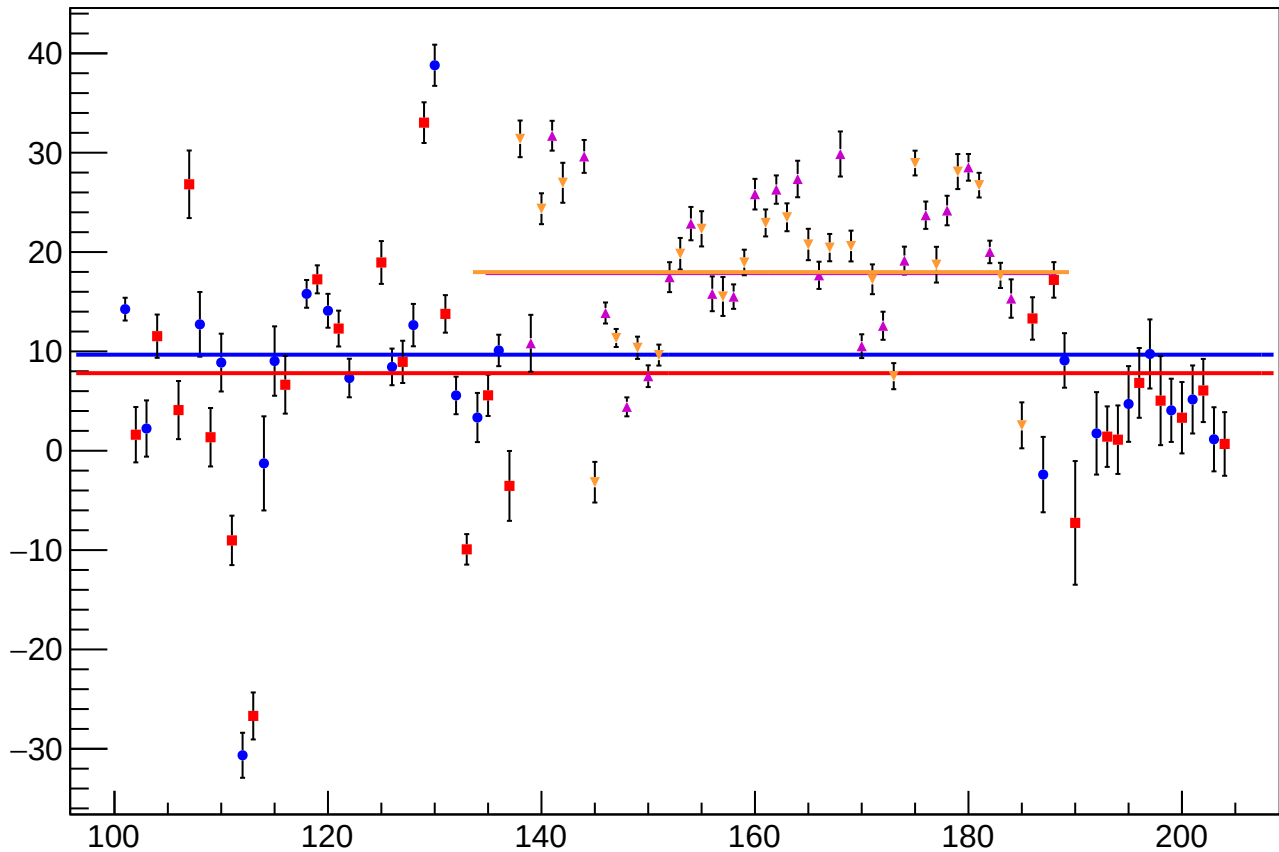
Left In: 61.995 $\pm$ 0.329 χ^2 /NDF: 2517.6/22

+ sign 68.639 $\pm$ 0.280 χ^2 /NDF: 9265.0/47

All: 70.650 $\pm$ 0.189 χ^2 /NDF: 21323.4/97

- sign 72.345 $\pm$ 0.257 χ^2 /NDF: 11963.1/49

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 9.669 $\pm$ 0.455 χ^2/NDF : 611.7/23

Left Out: 17.979 $\pm$ 0.291 χ^2/NDF : 674.8/23

Right Out: 7.809 $\pm$ 0.458 χ^2/NDF : 744.3/26

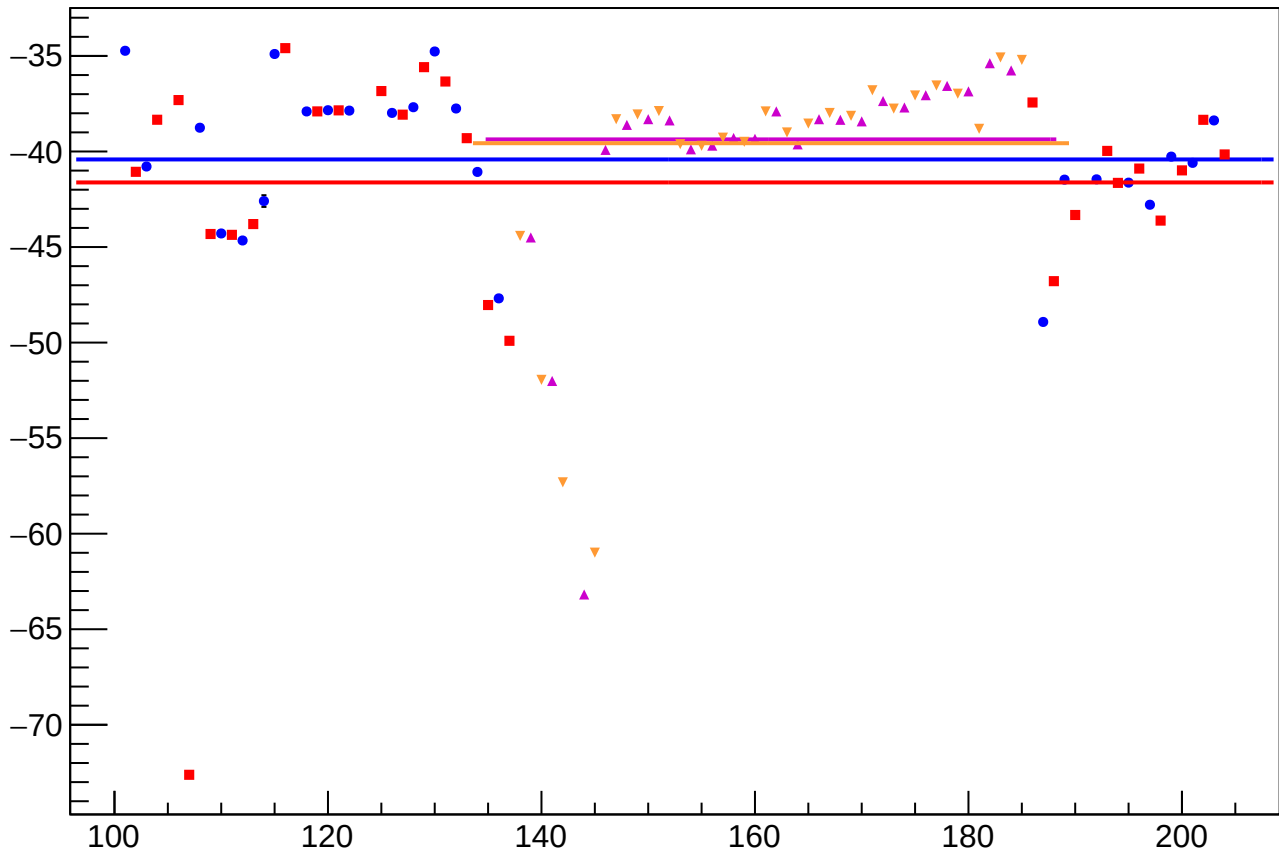
Left In: 17.881 $\pm$ 0.292 χ^2/NDF : 730.9/22

+ sign 15.572 $\pm$ 0.245 χ^2/NDF : 1523.1/47

All: 15.273 $\pm$ 0.174 χ^2/NDF : 3345.7/97

- sign 14.972 $\pm$ 0.246 χ^2/NDF : 1819.7/49

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.416 ± 0.023 $\chi^2/\text{NDF}: 27784.6/23$

Left Out: -39.567 ± 0.014 $\chi^2/\text{NDF}: 141152.0/23$

Right Out: -41.620 ± 0.022 $\chi^2/\text{NDF}: 66180.0/26$

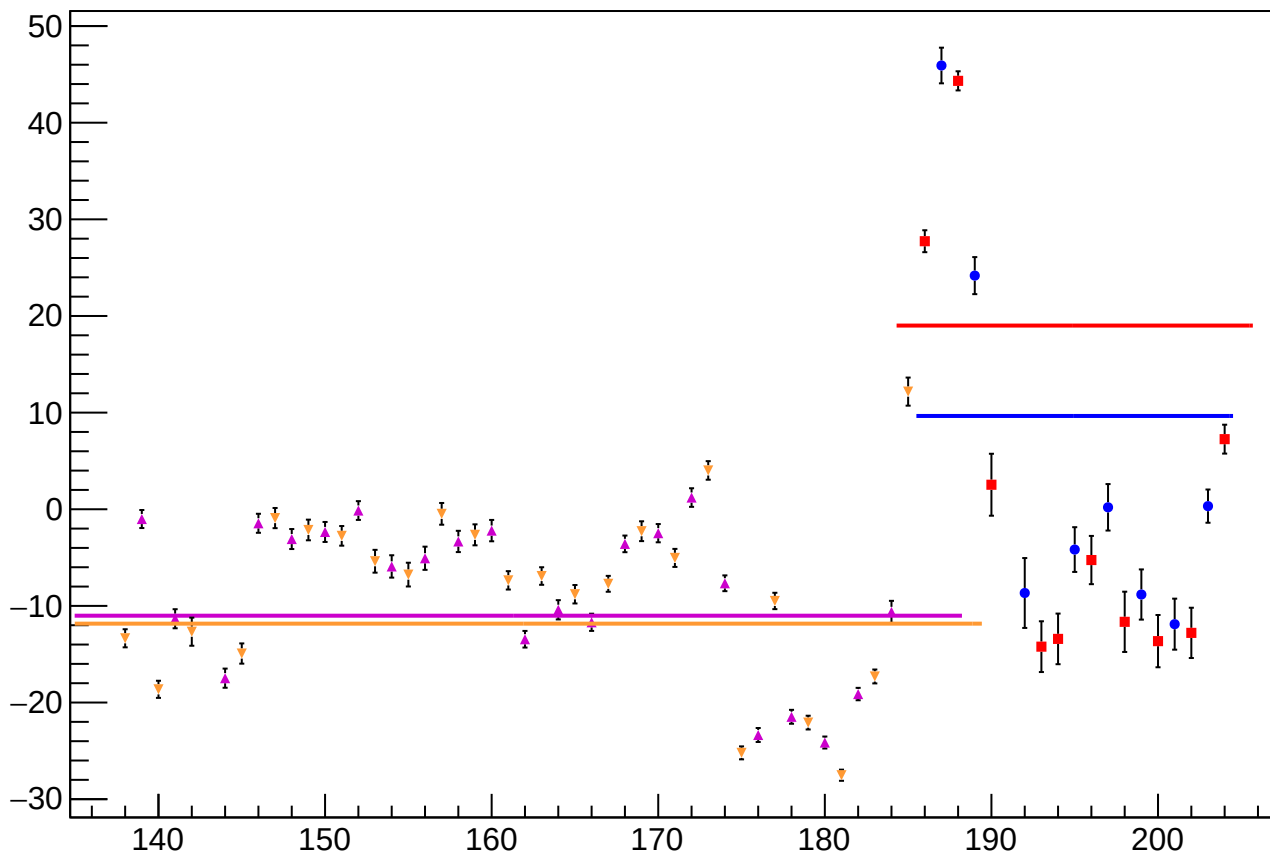
Left In: -39.368 ± 0.014 $\chi^2/\text{NDF}: 117958.1/22$

+ sign -39.787 ± 0.012 $\chi^2/\text{NDF}: 169925.7/47$

All: -39.882 ± 0.008 $\chi^2/\text{NDF}: 361622.4/97$

- sign -39.973 ± 0.012 $\chi^2/\text{NDF}: 191569.4/49$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 9.654 ± 0.783 $\chi^2/\text{NDF}: 667.2/7$

Left Out: -11.837 ± 0.187 $\chi^2/\text{NDF}: 2742.4/23$

Right Out: 19.008 ± 0.561 $\chi^2/\text{NDF}: 1601.1/9$

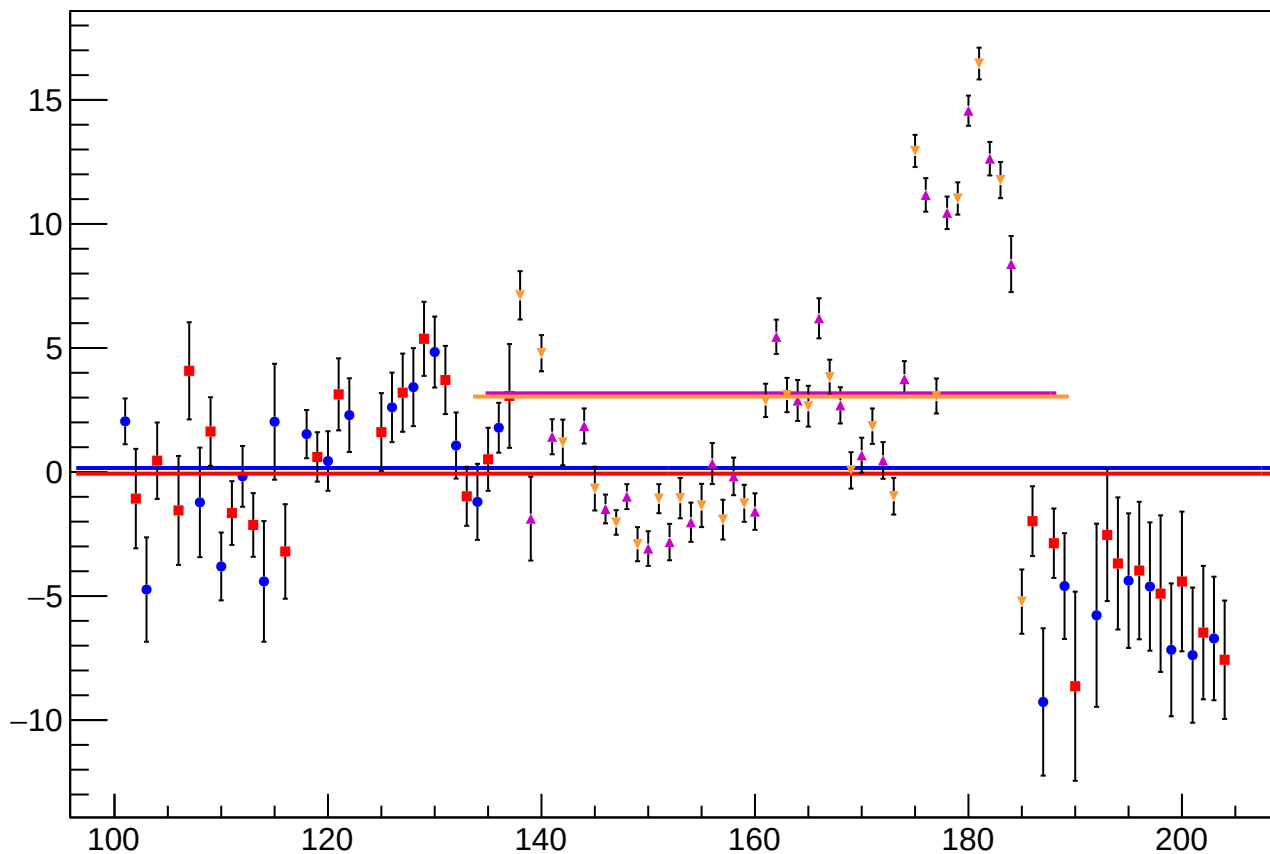
Left In: -11.014 ± 0.187 $\chi^2/\text{NDF}: 2116.6/22$

+ sign -10.679 ± 0.182 $\chi^2/\text{NDF}: 4122.8/31$

All: -9.311 ± 0.127 $\chi^2/\text{NDF}: 10530.3/64$

- sign -8.005 ± 0.178 $\chi^2/\text{NDF}: 6296.6/32$

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.162 ± 0.318 χ^2/NDF : 95.2/23

Left Out: 3.042 ± 0.148 χ^2/NDF : 1452.6/23

Right Out: -0.065 ± 0.316 χ^2/NDF : 84.1/26

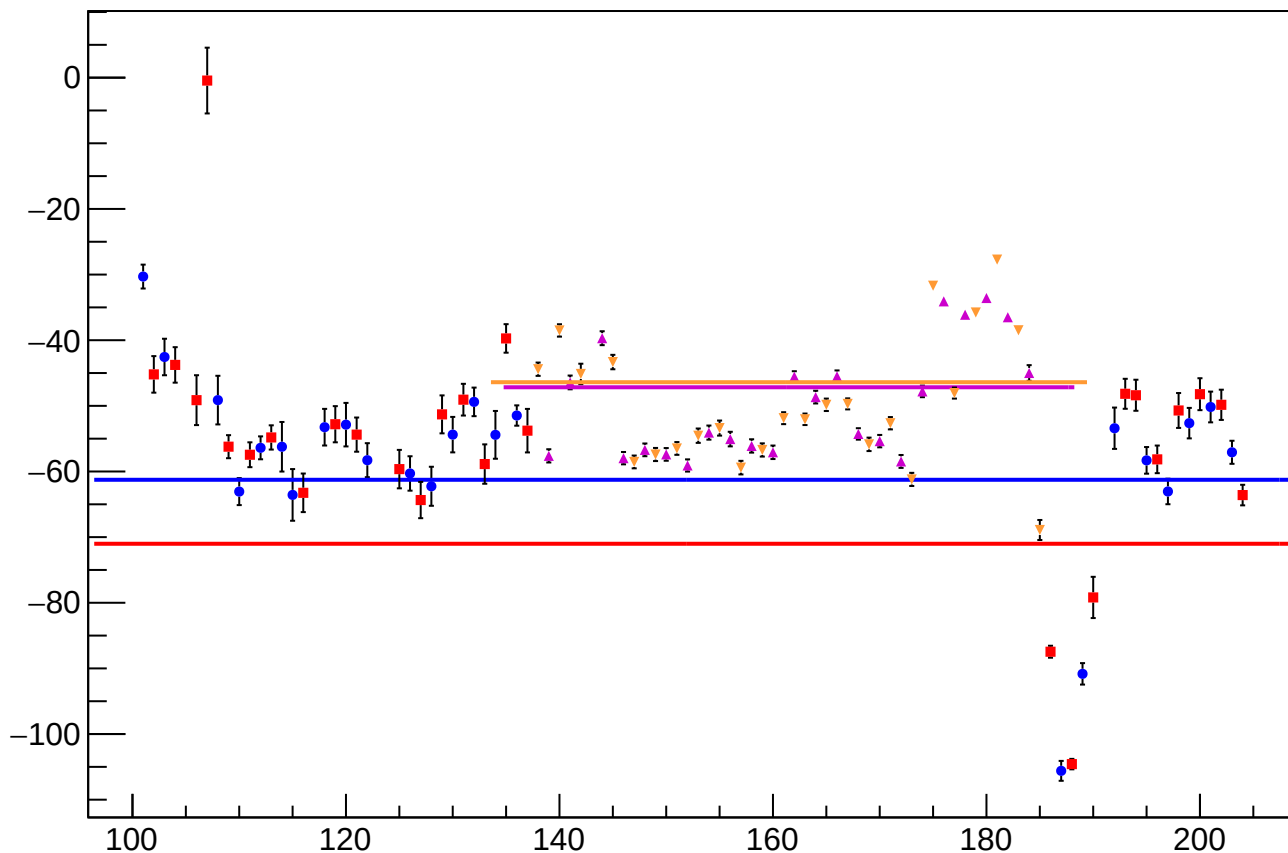
Left In: 3.172 ± 0.150 χ^2/NDF : 1297.9/22

+ sign 2.531 ± 0.134 χ^2/NDF : 1615.2/47

All: 2.555 ± 0.095 χ^2/NDF : 3082.9/97

- sign 2.580 ± 0.135 χ^2/NDF : 1467.7/49

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -61.263 ± 0.457 χ^2/NDF : 1686.1/23

Left Out: -46.398 ± 0.187 χ^2/NDF : 3289.4/23

Right Out: -71.011 ± 0.378 χ^2/NDF : 3695.4/26

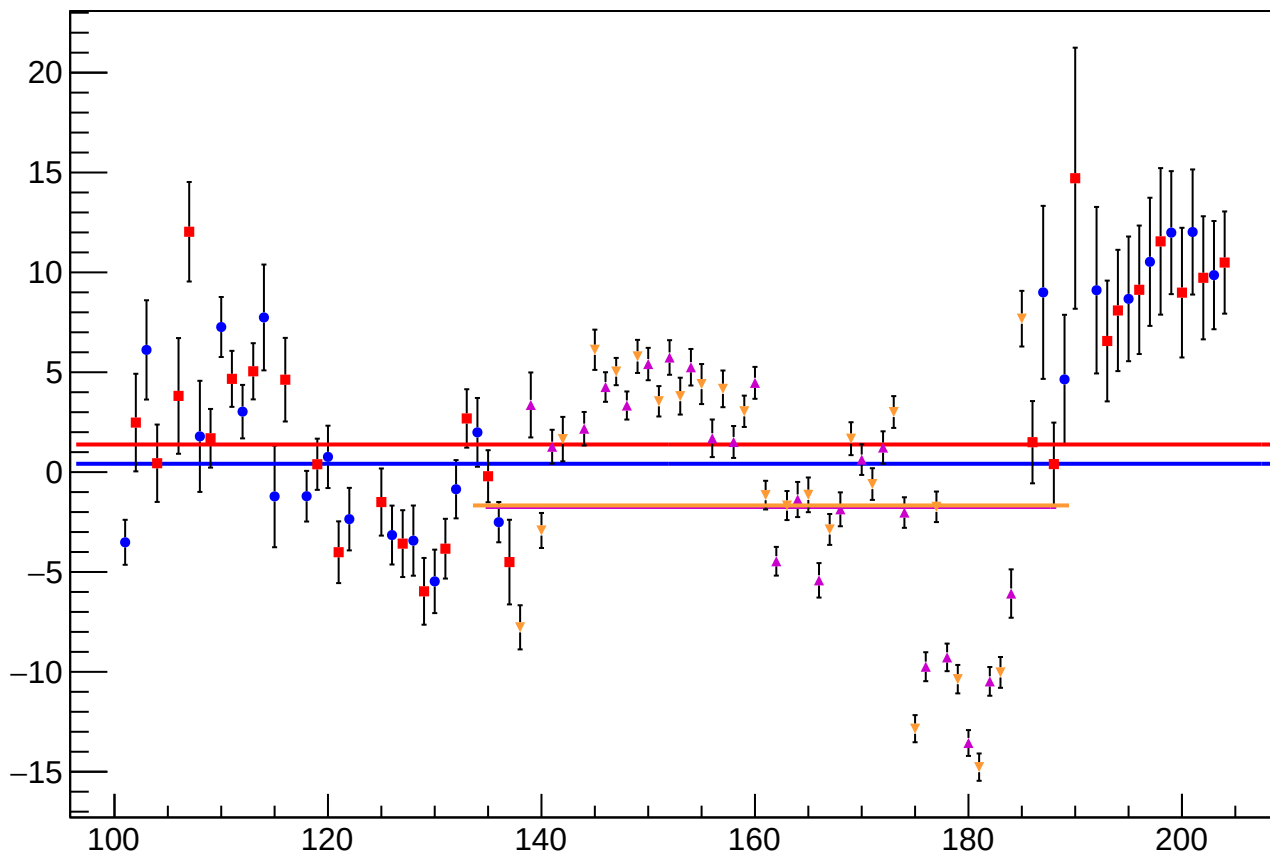
Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

+ sign -48.518 ± 0.173 χ^2/NDF : 5881.2/47

All: -50.231 ± 0.120 χ^2/NDF : 15492.9/97

- sign -51.836 ± 0.167 χ^2/NDF : 9421.2/49

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 0.418 $\pm$ 0.364 χ^2/NDF : 156.5/23

Left Out: -1.668 $\pm$ 0.167 χ^2/NDF :1479.3/23

Right Out: 1.383 $\pm$ 0.366 χ^2/NDF : 151.4/26

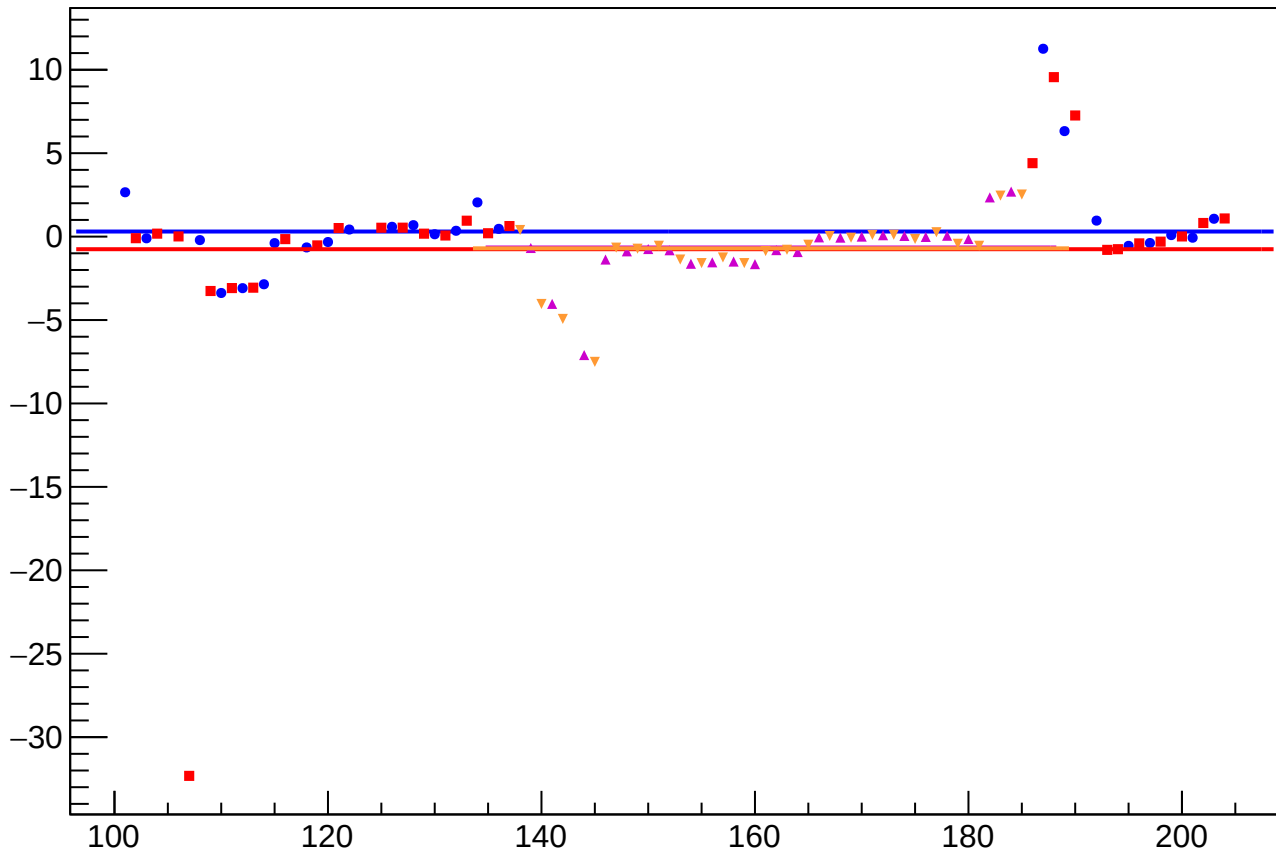
Left In: -1.746 $\pm$ 0.168 χ^2/NDF :1254.1/22

+ sign -1.306 $\pm$ 0.152 χ^2/NDF : 1662.9/47

All: -1.253 $\pm$ 0.108 χ^2/NDF : 3129.0/97

- sign -1.198 $\pm$ 0.153 χ^2/NDF : 1465.9/49

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.305 ± 0.019 χ^2/NDF : 9508.4/23

Left Out: -0.703 ± 0.008 χ^2/NDF : 53770.3/23

Right Out: -0.755 ± 0.018 χ^2/NDF : 92821.8/26

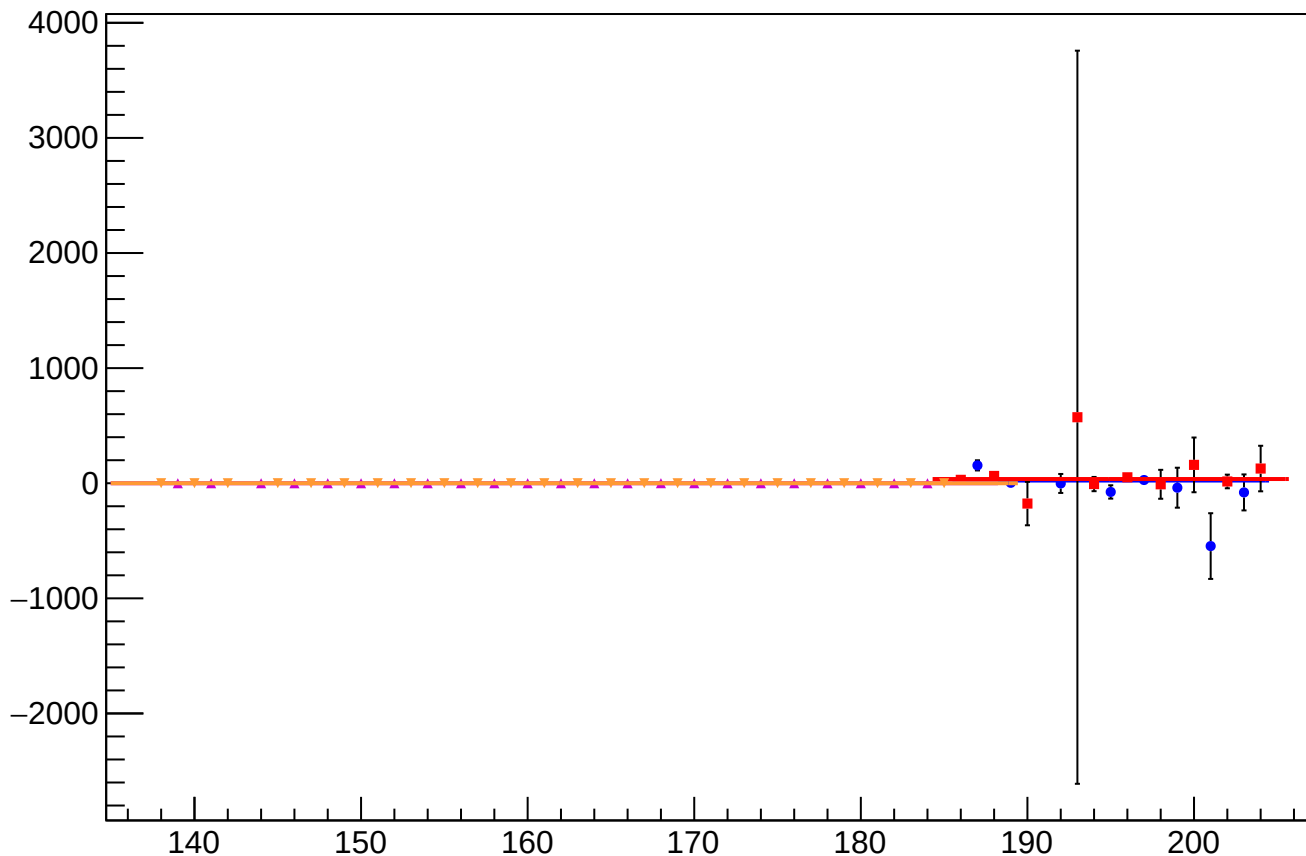
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ sign -0.559 ± 0.007 χ^2/NDF : 65751.7/47

All: -0.613 ± 0.005 χ^2/NDF : 202884.2/97

- sign -0.667 ± 0.007 χ^2/NDF : 137016.2/49

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 23.495+/-18.953 χ^2/NDF : 16.9/7

Left Out: -0.038+/-0.018 χ^2/NDF : 35.6/23

Right Out: 36.574+/-9.820 χ^2/NDF : 4.6/9

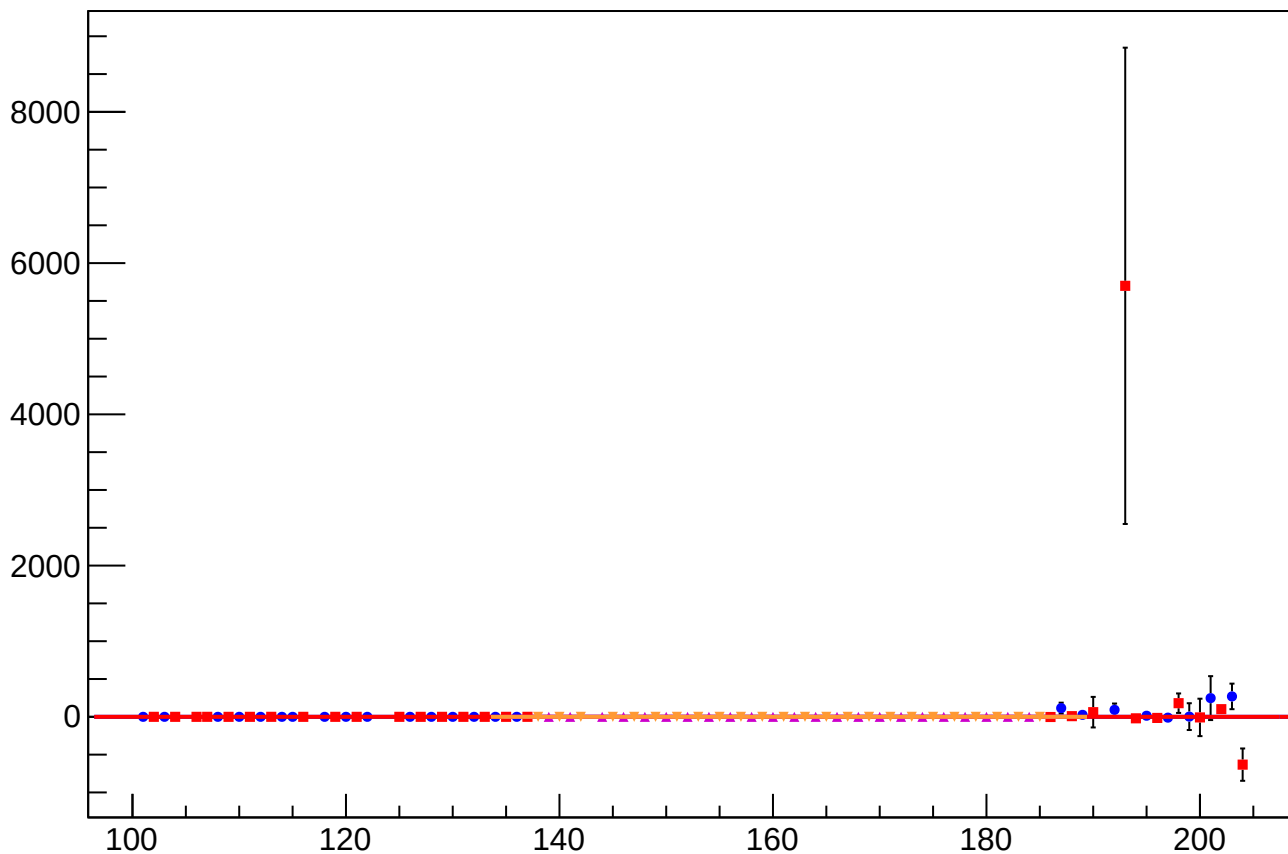
Left In: -0.009+/-0.018 χ^2/NDF : 35.3/22

+ sign -0.038+/-0.018 χ^2/NDF : 54.1/31

All: -0.024+/-0.013 χ^2/NDF : 109.2/64

- sign -0.009+/-0.018 χ^2/NDF : 53.8/32

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 20.0/23

Left Out: -0.073 ± 0.014 χ^2/NDF : 27.8/23

Right Out: -0.092 ± 0.025 χ^2/NDF : 26.3/26

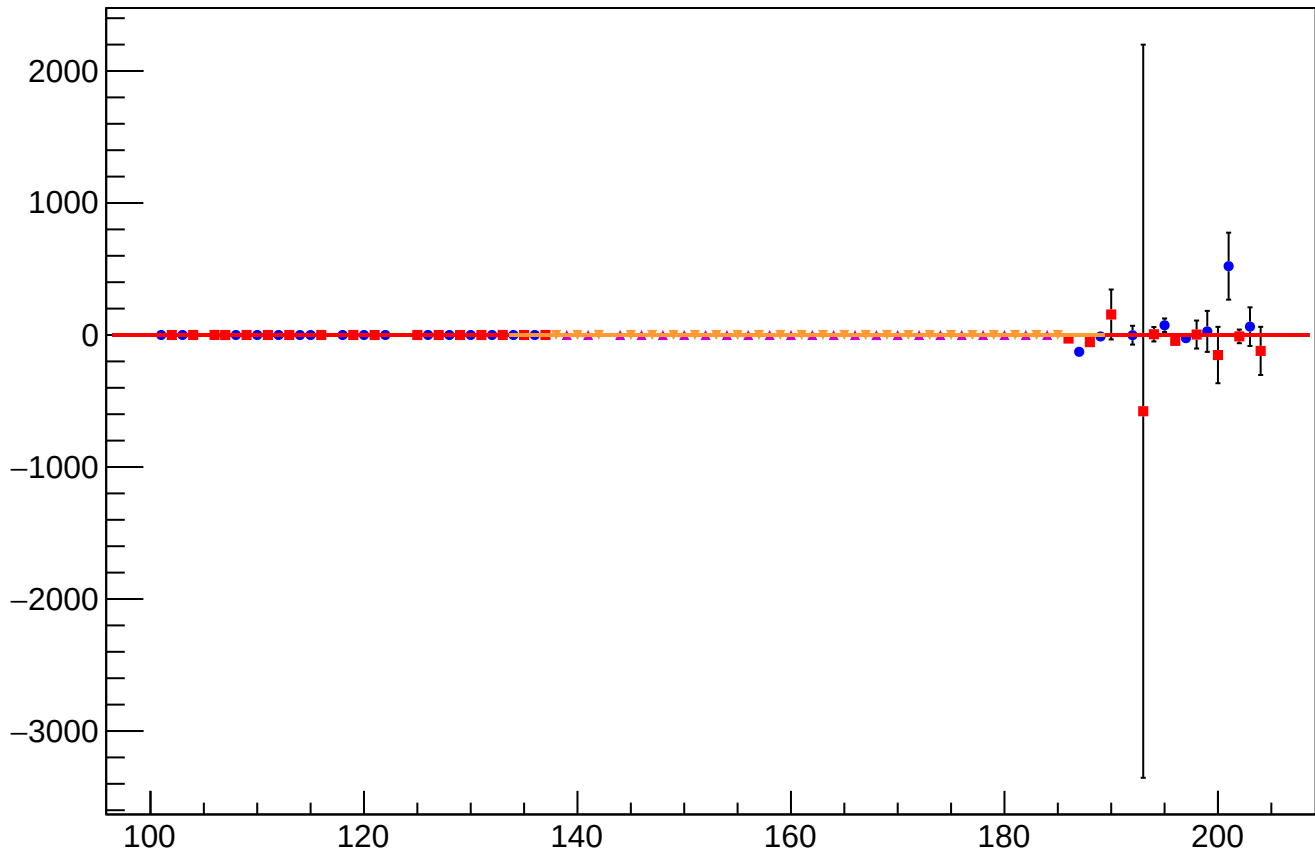
Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

+ sign -0.057 ± 0.012 χ^2/NDF : 52.7/47

All: -0.064 ± 0.009 χ^2/NDF : 121.0/97

- sign -0.072 ± 0.012 χ^2/NDF : 67.5/49

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 29.2/23

Left Out: 0.036 $\pm$ 0.018 χ^2 /NDF: 32.4/23

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 29.3/26

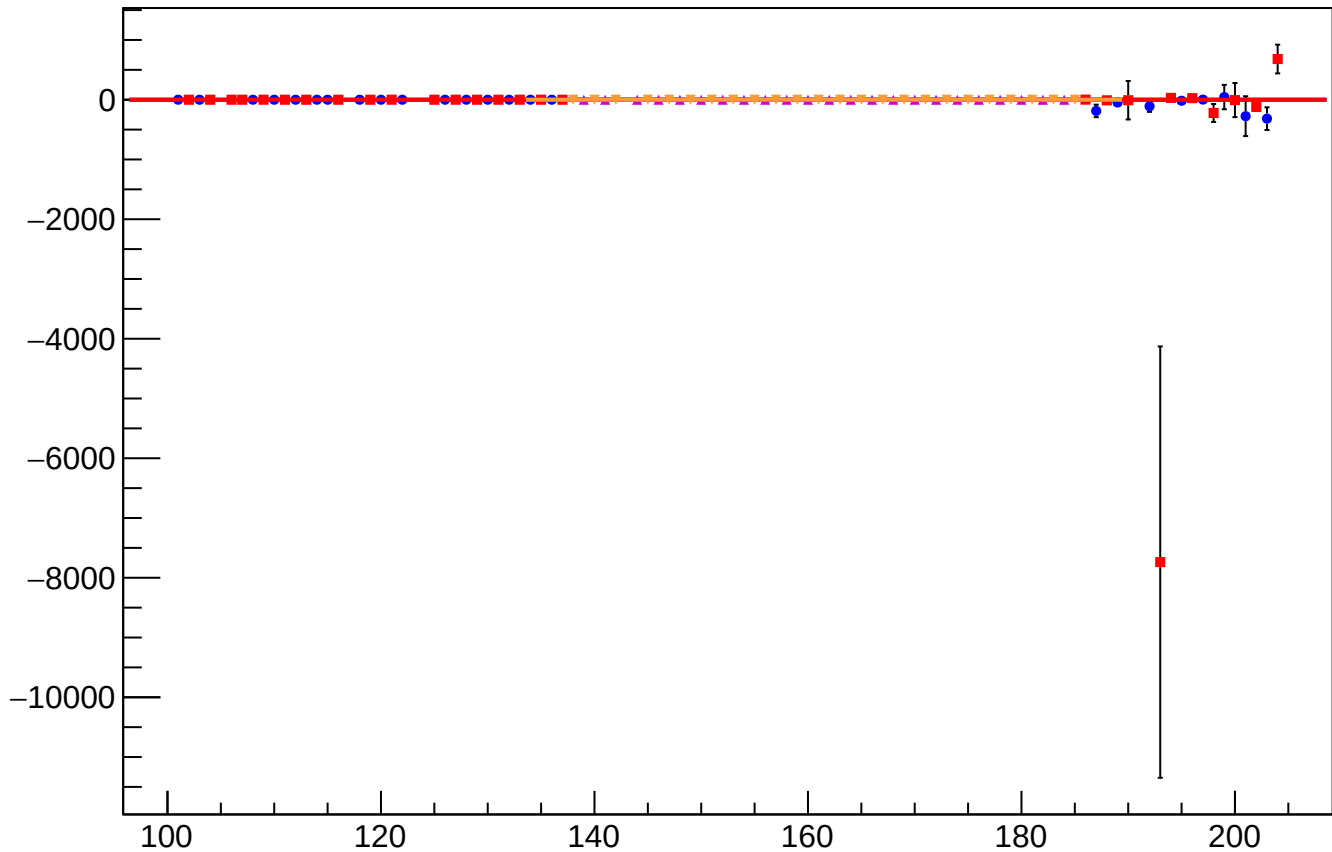
Left In: -0.010 $\pm$ 0.018 χ^2 /NDF: 37.1/22

+ sign 0.033 $\pm$ 0.017 χ^2 /NDF: 61.8/47

All: 0.014 $\pm$ 0.012 χ^2 /NDF: 131.4/97

- sign -0.005 $\pm$ 0.017 χ^2 /NDF: 67.0/49

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 21.0/23

Left Out: 0.086 ± 0.016 χ^2/NDF : 27.8/23

Right Out: 0.110 ± 0.029 χ^2/NDF : 26.1/26

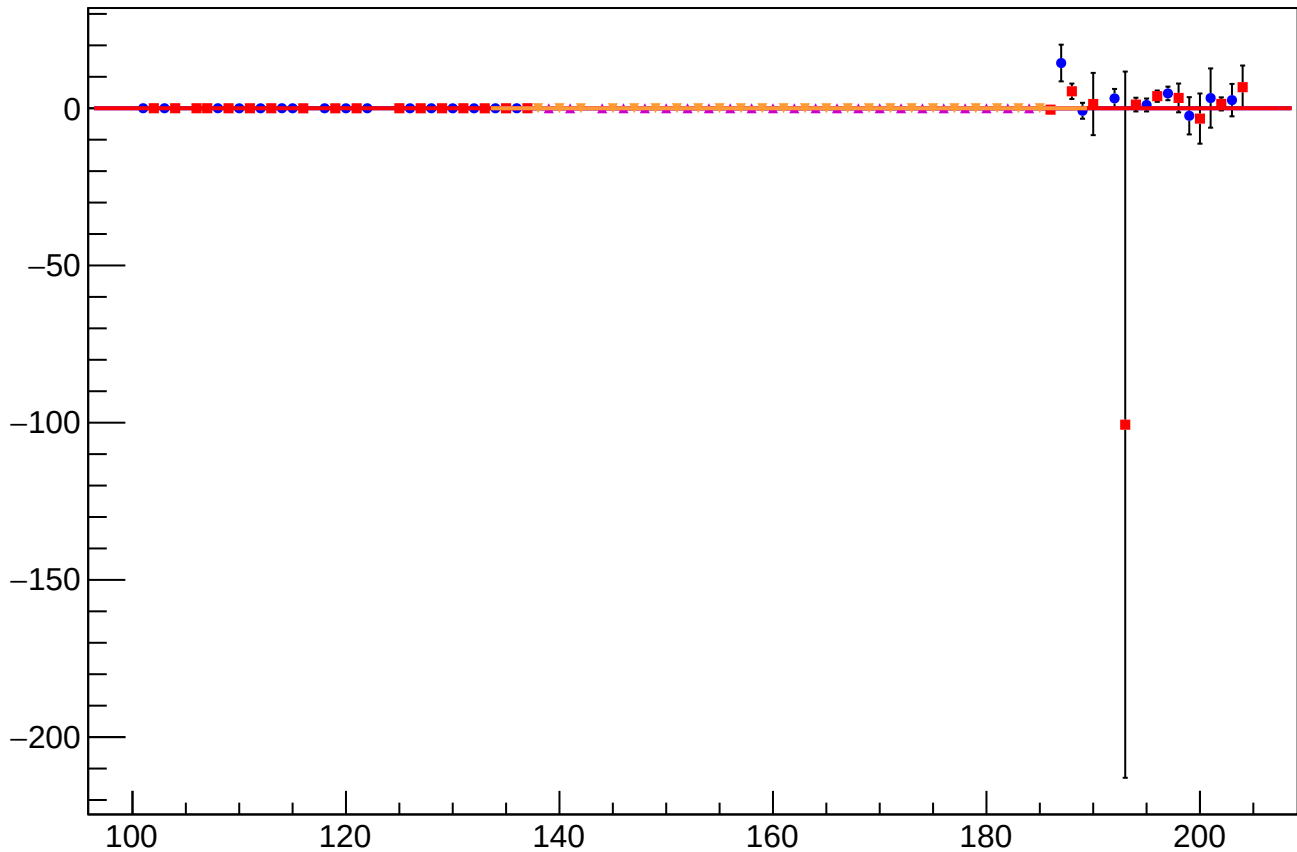
Left In: 0.071 ± 0.016 χ^2/NDF : 44.0/22

+ sign 0.065 ± 0.014 χ^2/NDF : 55.2/47

All: 0.073 ± 0.010 χ^2/NDF : 127.2/97

- sign 0.081 ± 0.014 χ^2/NDF : 71.4/49

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 35.5/23

Left Out: 0.000 ± 0.001 χ^2/NDF : 23.9/23

Right Out: -0.004 ± 0.001 χ^2/NDF : 36.3/26

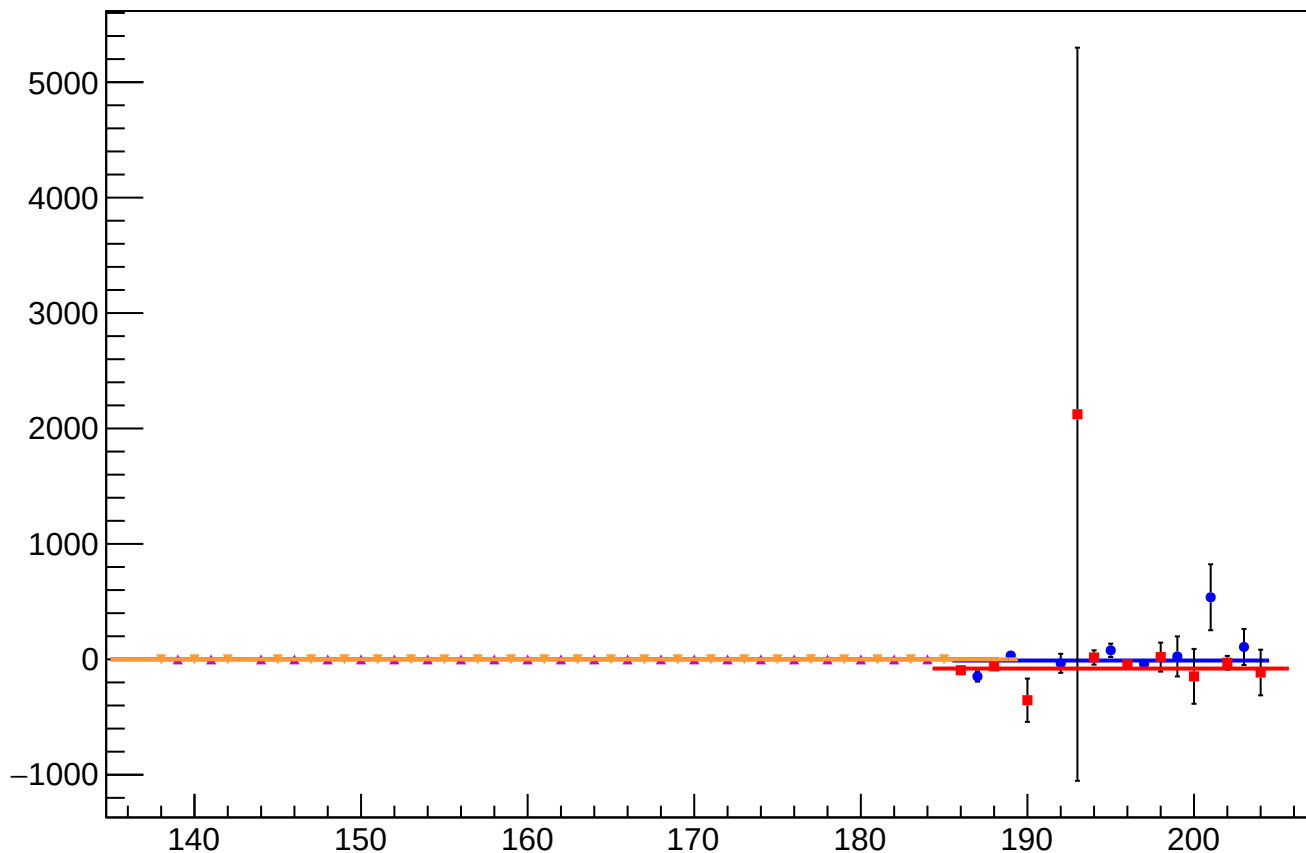
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 72.4/47

All: -0.001 ± 0.000 χ^2/NDF : 138.3/97

- sign -0.001 ± 0.001 χ^2/NDF : 65.9/49

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -10.360 ± 18.940 χ^2/NDF : 19.2/7

Left Out: -0.052 ± 0.018 χ^2/NDF : 37.3/23

Right Out: -79.908 ± 9.823 χ^2/NDF : 9.5/9

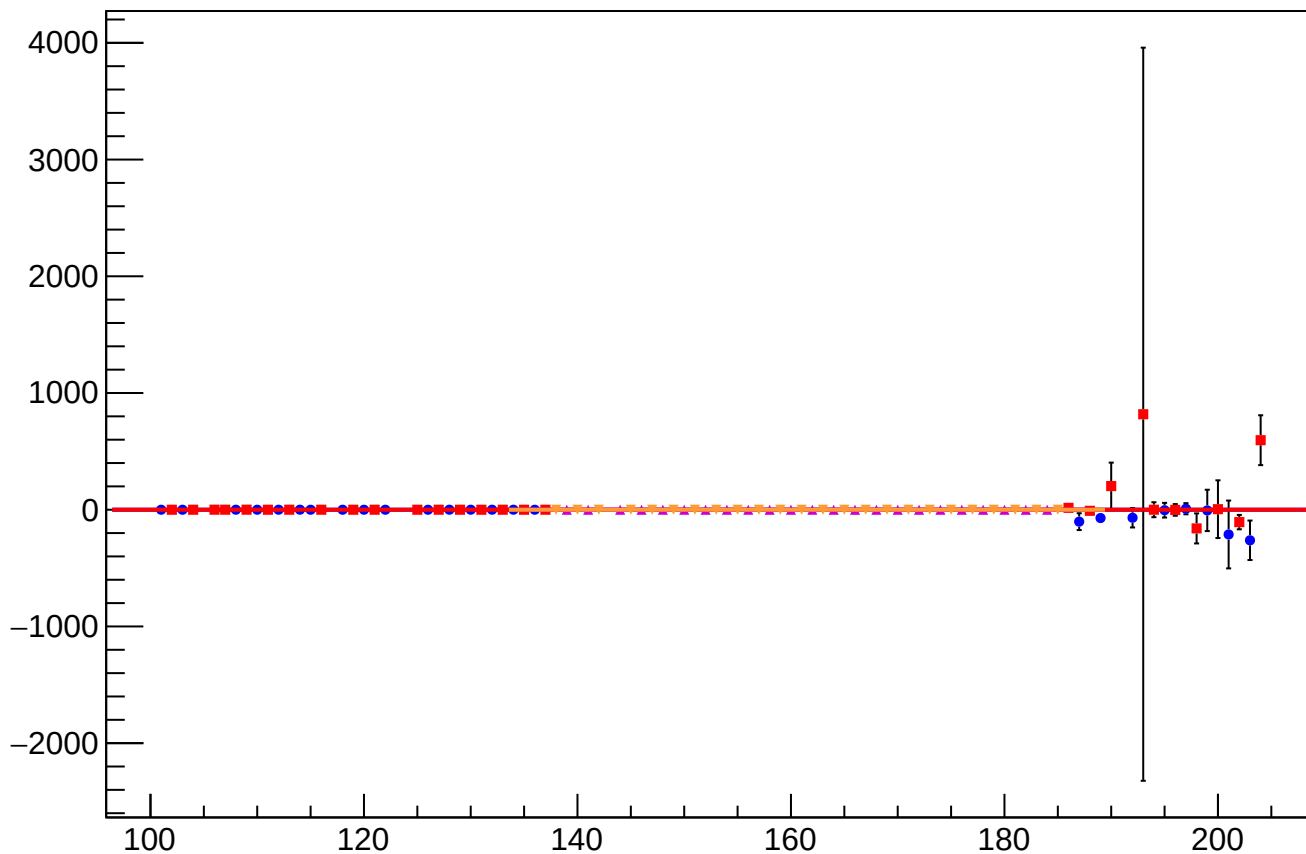
Left In: -0.010 ± 0.018 χ^2/NDF : 33.3/22

+ sign -0.052 ± 0.018 χ^2/NDF : 56.8/31

All: -0.031 ± 0.013 χ^2/NDF : 168.4/64

- sign -0.010 ± 0.018 χ^2/NDF : 108.9/32

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 35.7/23

Left Out: -0.010 ± 0.014 χ^2/NDF : 29.5/23

Right Out: 0.040 ± 0.025 χ^2/NDF : 41.7/26

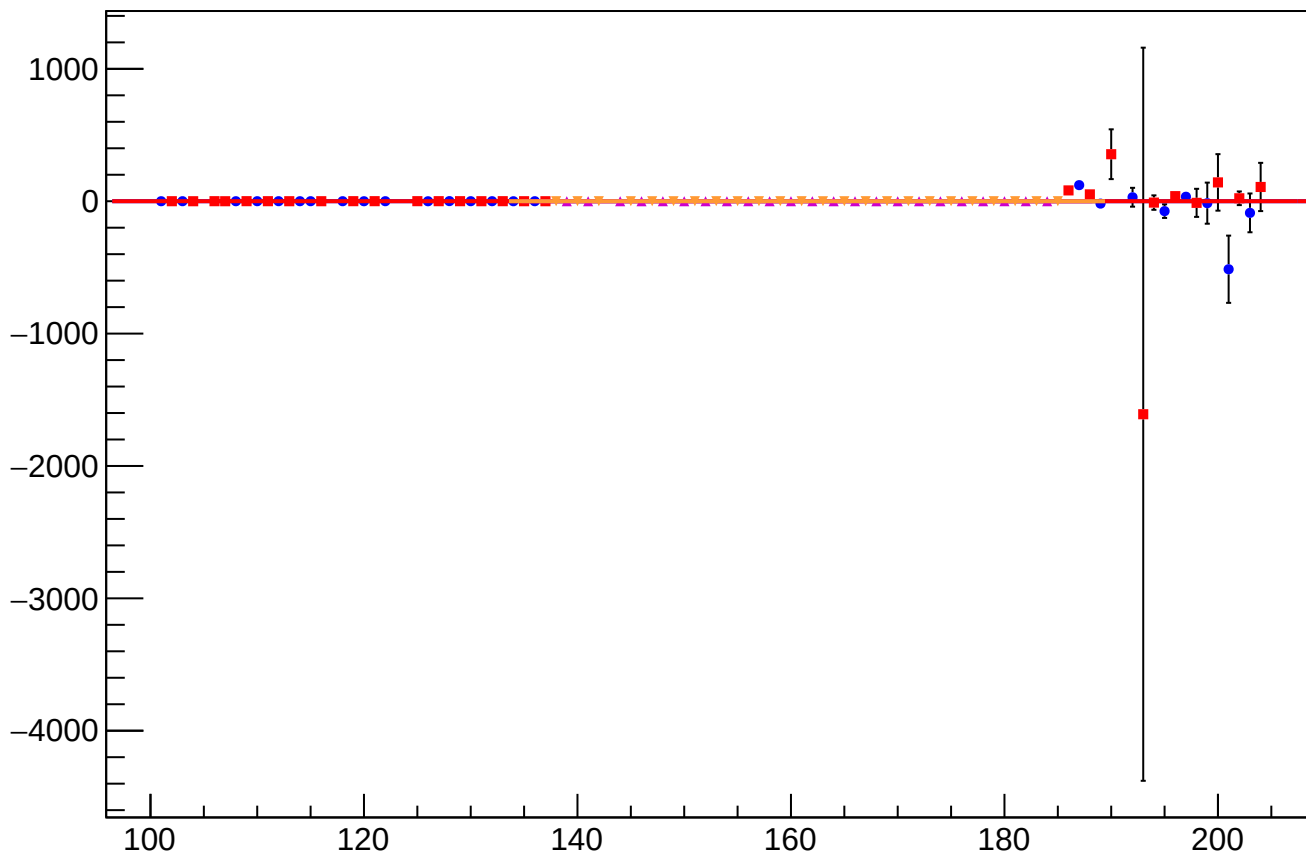
Left In: 0.004 ± 0.014 χ^2/NDF : 50.3/22

+ sign -0.005 ± 0.012 χ^2/NDF : 65.7/47

All: 0.004 ± 0.009 χ^2/NDF : 160.4/97

- sign 0.013 ± 0.012 χ^2/NDF : 93.6/49

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 $\pm$ 0.043 χ^2/NDF : 48.3/23

Left Out: 0.048 $\pm$ 0.018 χ^2/NDF : 35.4/23

Right Out: 0.204 $\pm$ 0.045 χ^2/NDF : 97.5/26

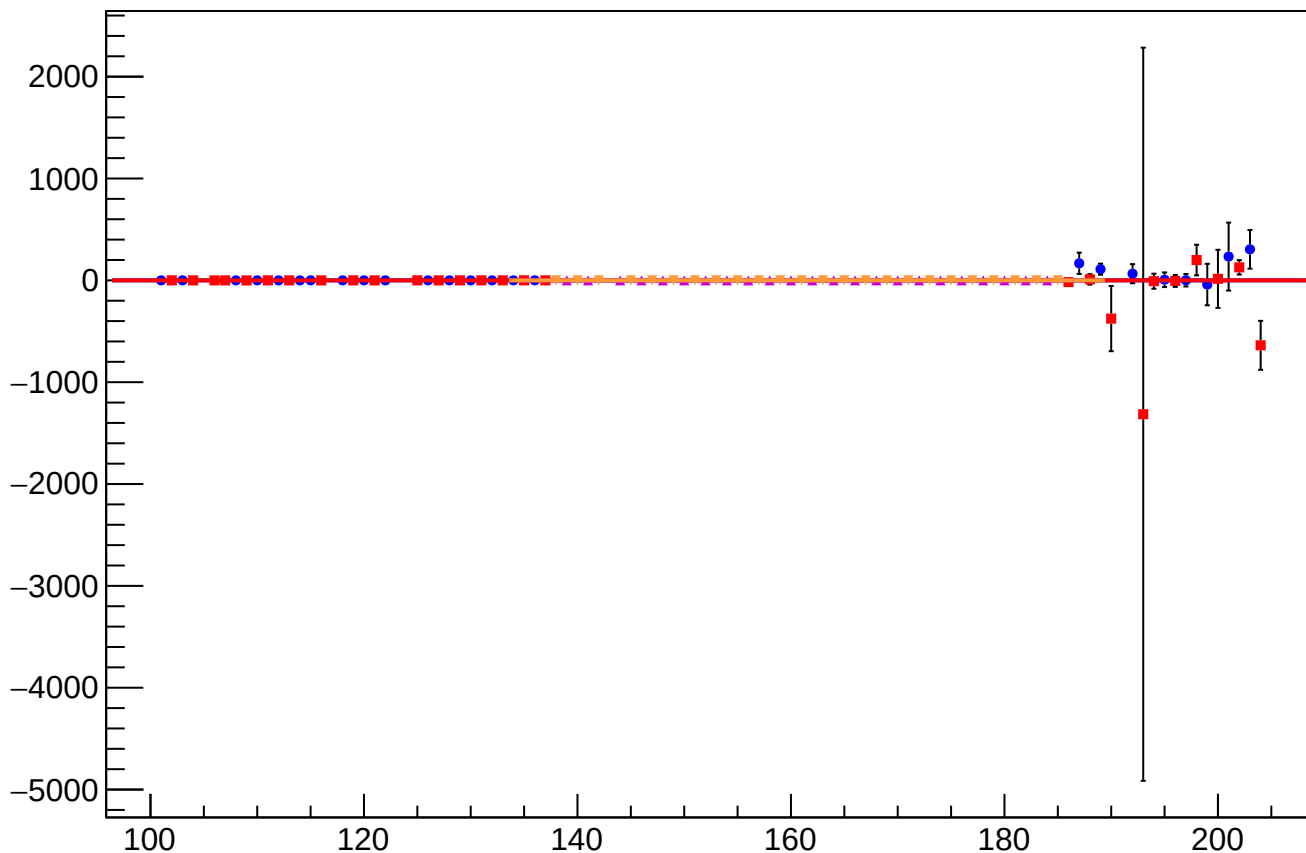
Left In: 0.021 $\pm$ 0.018 χ^2/NDF : 34.0/22

+ sign 0.063 $\pm$ 0.017 χ^2/NDF : 88.7/47

All: 0.055 $\pm$ 0.012 χ^2/NDF : 234.9/97

- sign 0.046 $\pm$ 0.017 χ^2/NDF : 145.7/49

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 35.4/23

Left Out: 0.021 ± 0.016 χ^2/NDF : 33.2/23

Right Out: -0.050 ± 0.029 χ^2/NDF : 39.3/26

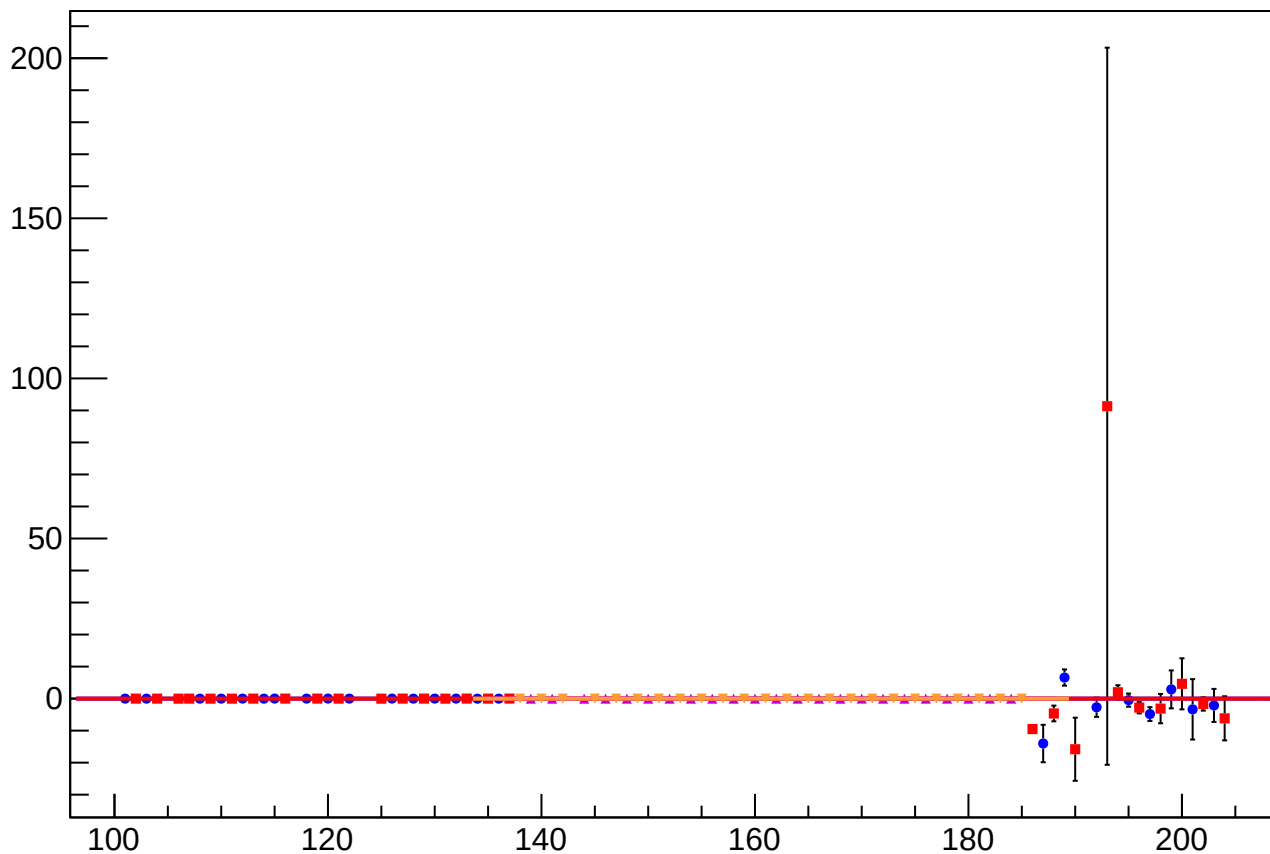
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 69.7/47

All: 0.003 ± 0.010 χ^2/NDF : 163.6/97

- sign -0.007 ± 0.014 χ^2/NDF : 93.0/49

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 47.9/23

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF: 31.9/23

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 70.1/26

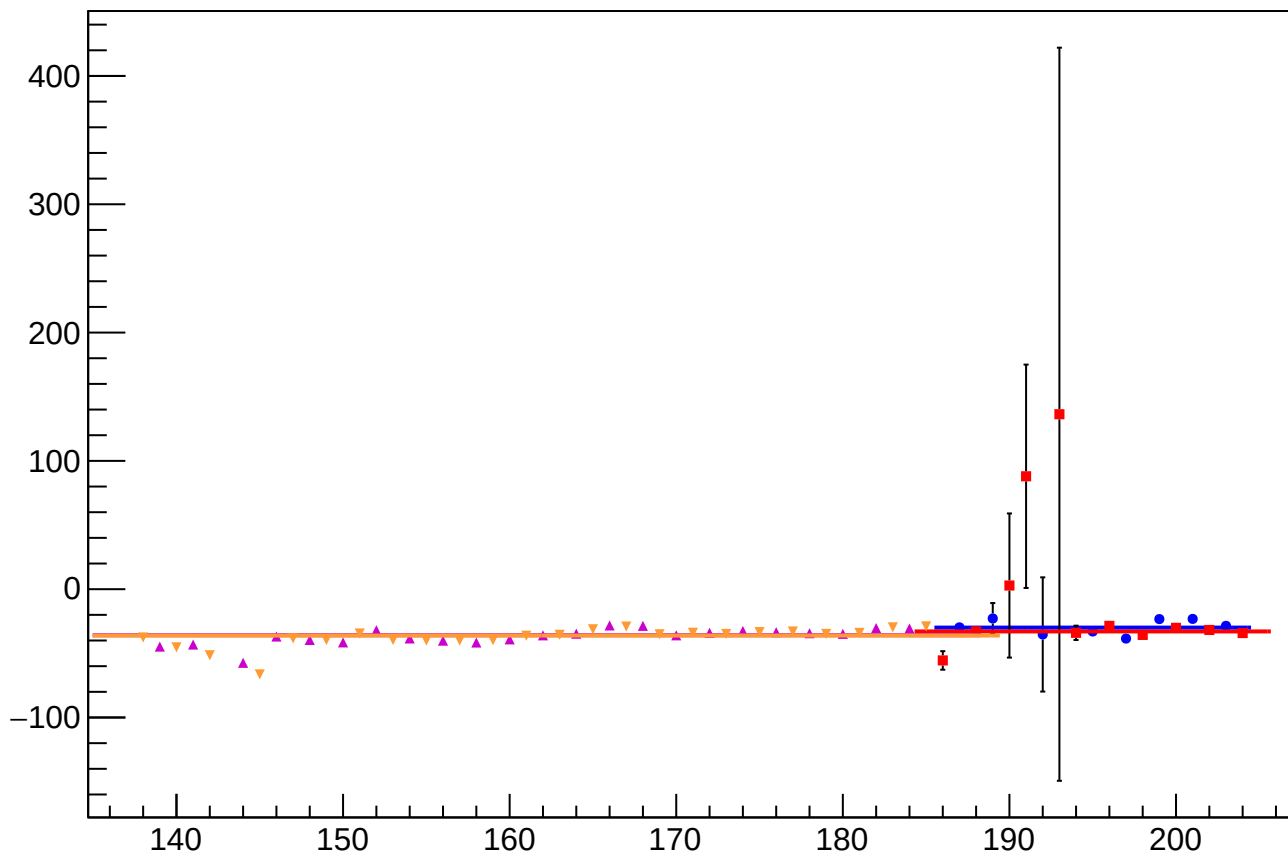
Left In: -0.009 $\pm$ 0.001 χ^2 /NDF: 39.2/22

+ sign -0.008 $\pm$ 0.001 χ^2 /NDF: 81.6/47

All: -0.008 $\pm$ 0.000 χ^2 /NDF: 193.8/97

- sign -0.008 $\pm$ 0.001 χ^2 /NDF: 111.9/49

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -29.933 ± 1.037 χ^2/NDF : 20.8/7

Left Out: -36.110 ± 0.192 χ^2/NDF : 1118.4/23

Right Out: -32.925 ± 0.852 χ^2/NDF : 16.7/10

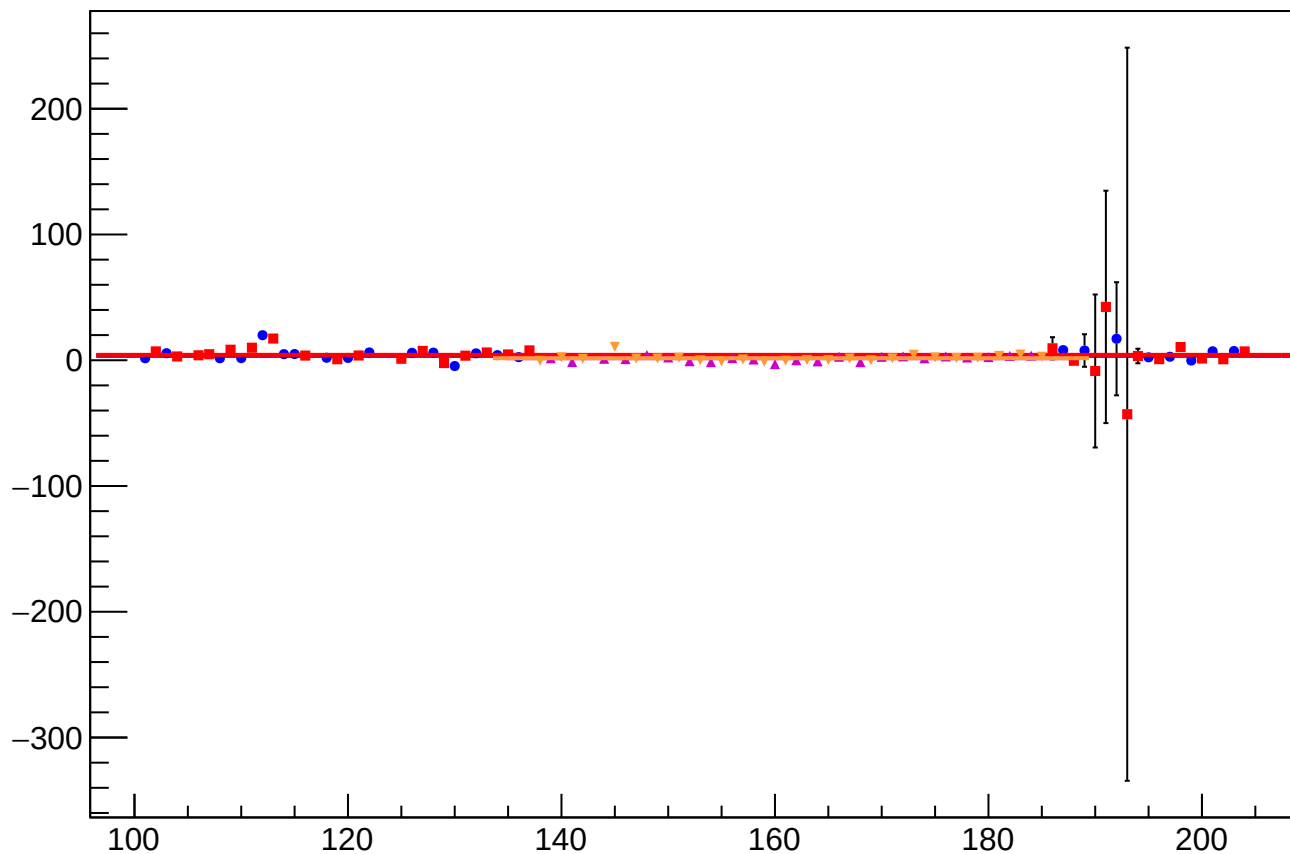
Left In: -35.869 ± 0.191 χ^2/NDF : 887.1/22

+ sign -35.906 ± 0.189 χ^2/NDF : 1173.5/31

All: -35.816 ± 0.132 χ^2/NDF : 2089.1/65

- sign -35.729 ± 0.186 χ^2/NDF : 915.2/33

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.557 ± 0.214 χ^2/NDF : 452.9/23

Left Out: 1.632 ± 0.148 χ^2/NDF : 166.7/23

Right Out: 4.288 ± 0.221 χ^2/NDF : 364.8/27

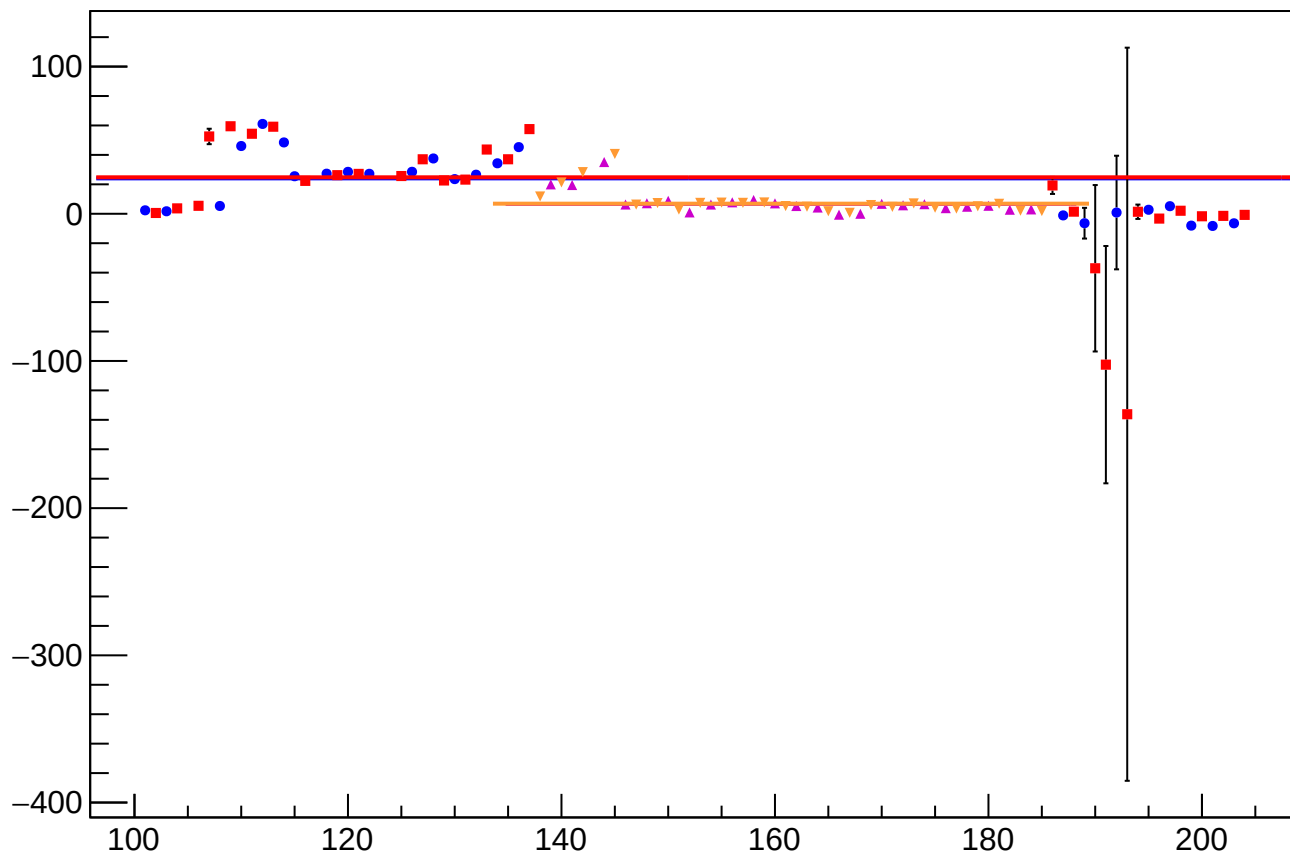
Left In: 1.646 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.252 ± 0.122 χ^2/NDF : 674.2/47

All: 2.360 ± 0.087 χ^2/NDF : 1302.8/98

- sign 2.471 ± 0.124 χ^2/NDF : 627.0/50

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 24.054 $\pm$ 0.378 χ^2 /NDF: 2505.3/23

Left Out: 6.855 $\pm$ 0.191 χ^2 /NDF: 1298.7/23

Right Out: 24.770 $\pm$ 0.366 χ^2 /NDF: 3110.7/27

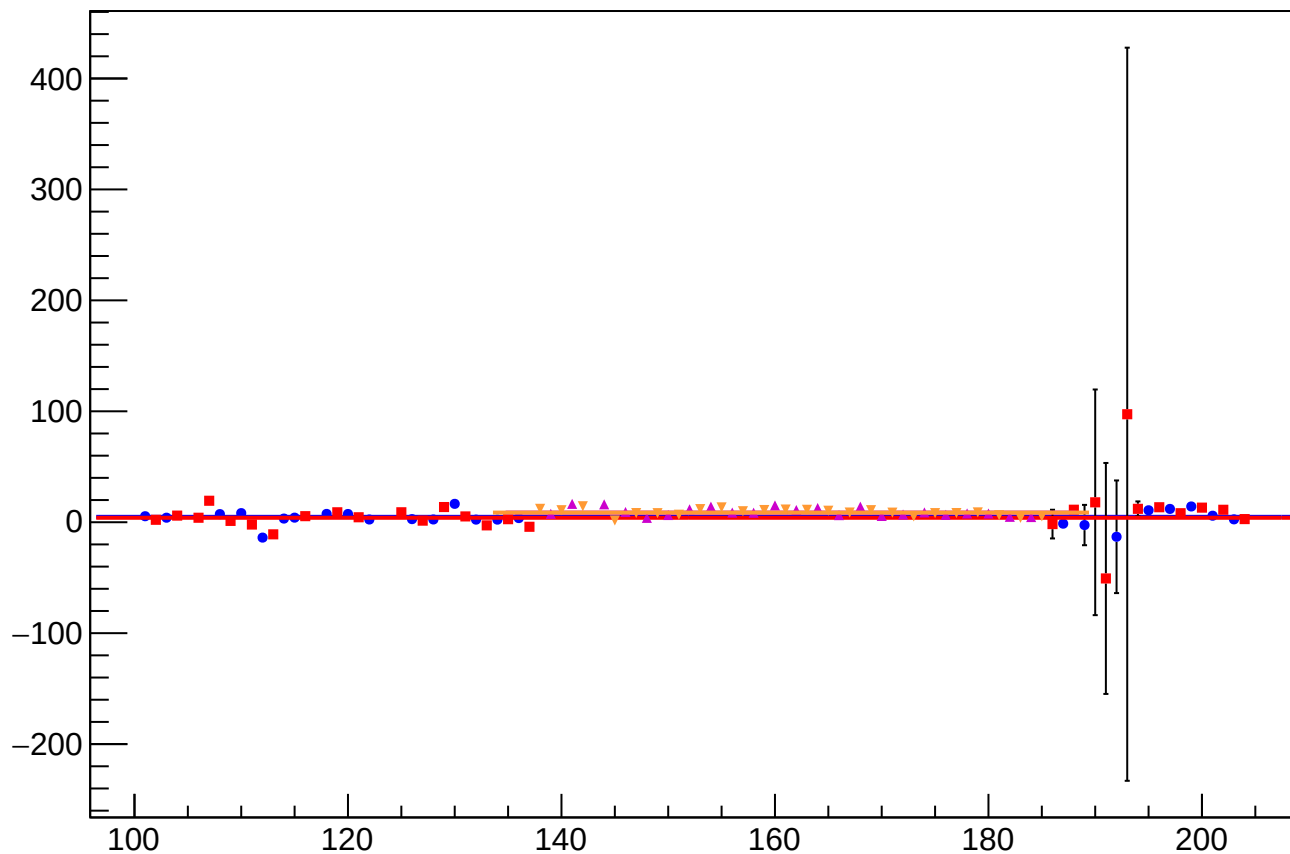
Left In: 6.639 $\pm$ 0.190 χ^2 /NDF: 1077.2/22

+ sign 10.359 $\pm$ 0.171 χ^2 /NDF: 5449.7/47

All: 10.423 $\pm$ 0.120 χ^2 /NDF: 11573.9/98

- sign 10.484 $\pm$ 0.168 χ^2 /NDF: 6124.0/50

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.866 ± 0.248 χ^2/NDF : 569.6/23

Left Out: 8.697 ± 0.169 χ^2/NDF : 241.1/23

Right Out: 4.017 ± 0.255 χ^2/NDF : 592.2/27

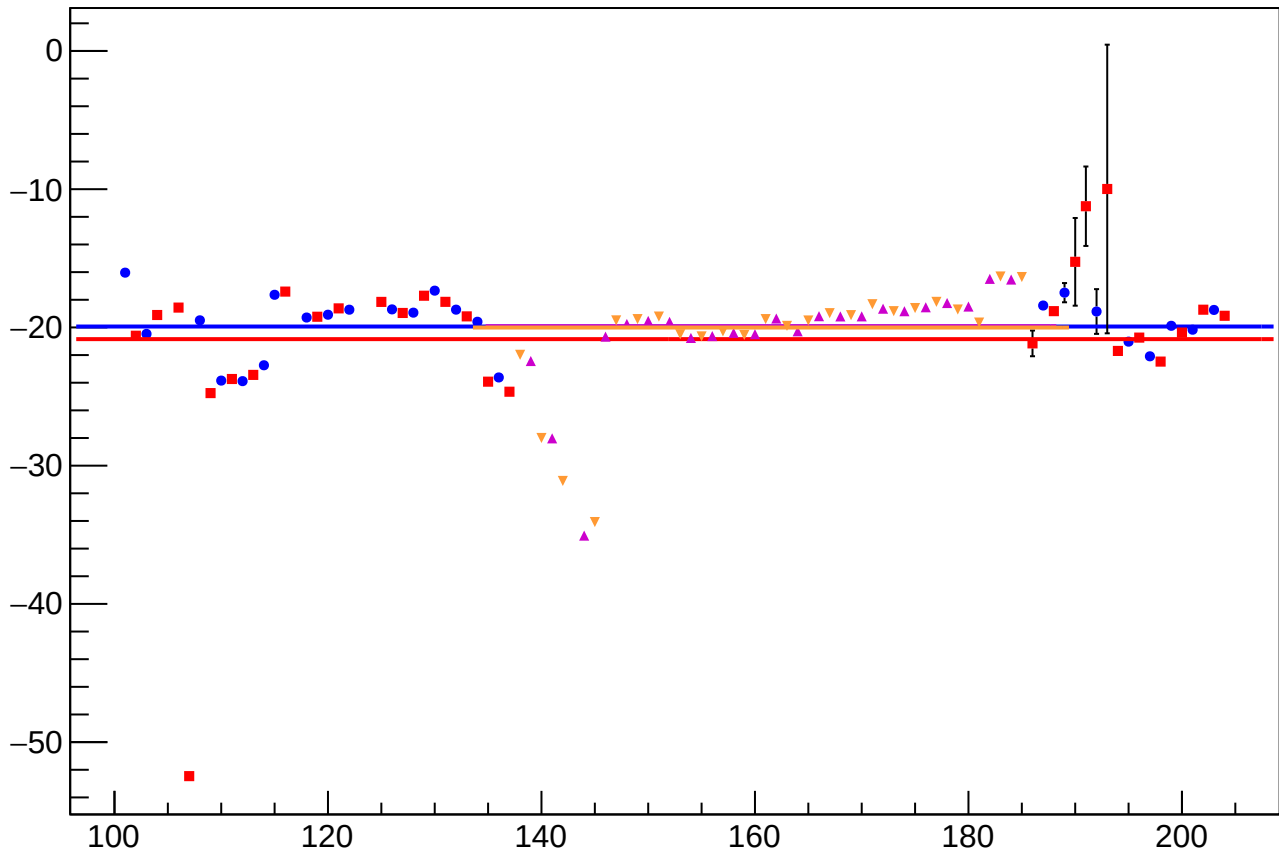
Left In: 8.659 ± 0.170 χ^2/NDF : 438.0/22

+ sign 7.483 ± 0.140 χ^2/NDF : 973.7/47

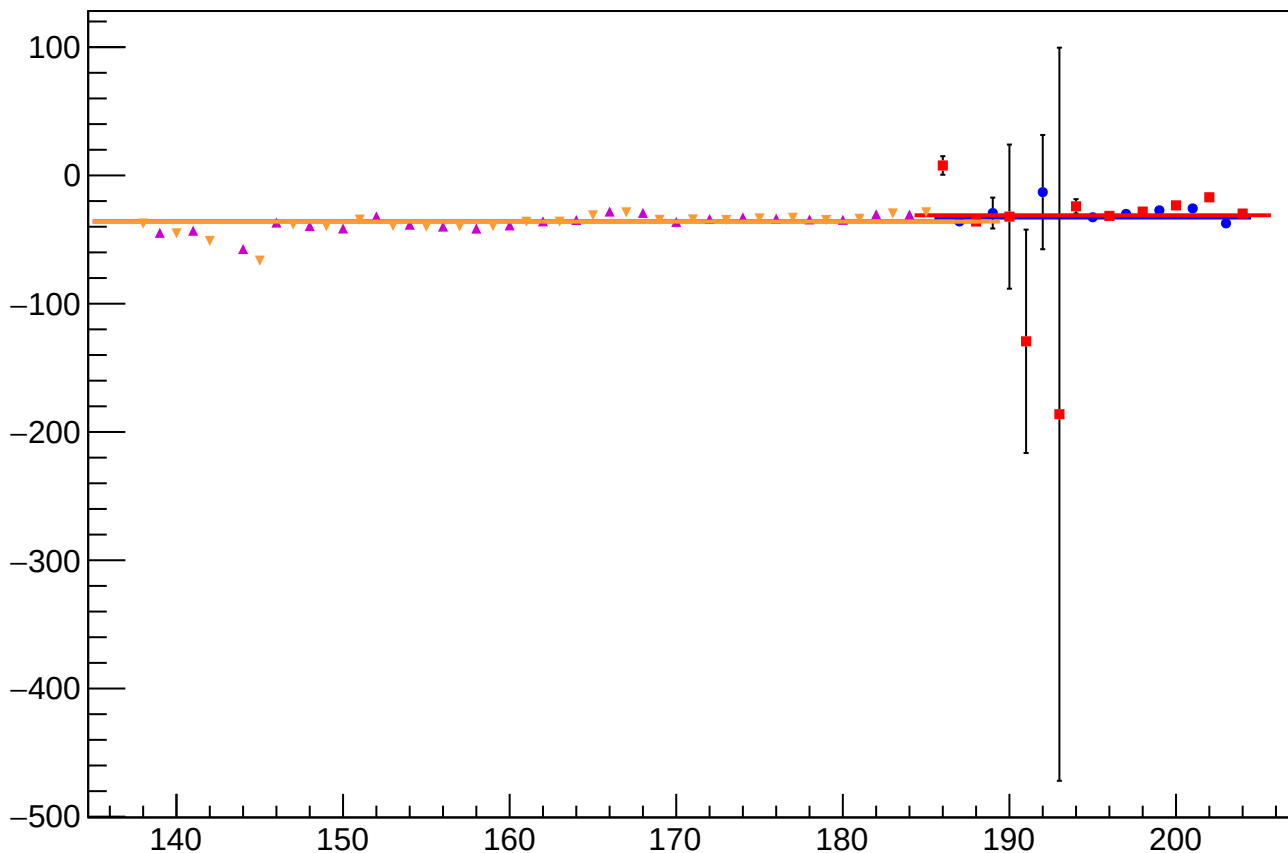
All: 7.359 ± 0.099 χ^2/NDF : 2235.3/98

- sign 7.233 ± 0.141 χ^2/NDF : 1260.1/50

reg_asym_left_avg_diff_bpm12X_slope vs Slug



reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -32.814 ± 1.041 χ^2/NDF : 15.2/7

Left Out: -36.019 ± 0.192 χ^2/NDF : 1125.4/23

Right Out: -31.077 ± 0.854 χ^2/NDF : 73.6/10

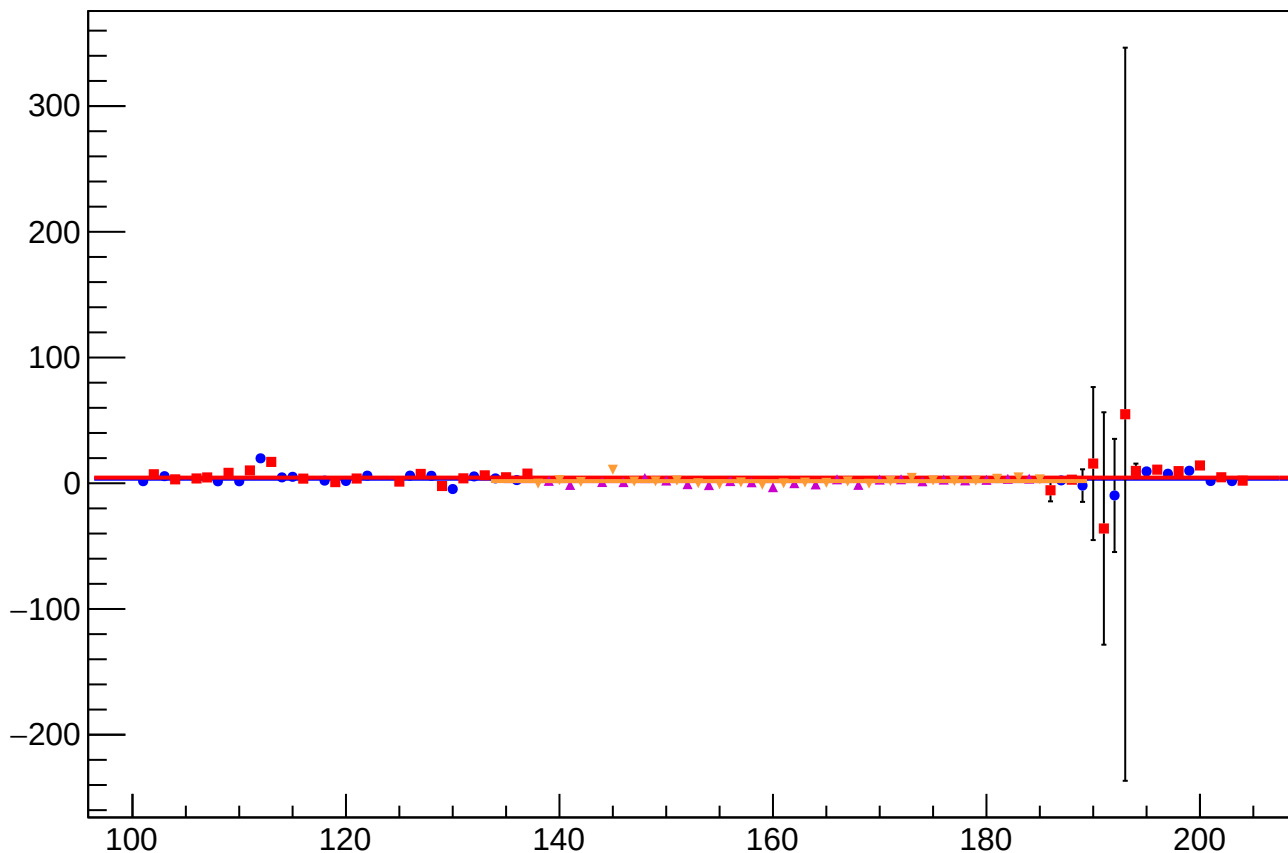
Left In: -35.856 ± 0.191 χ^2/NDF : 875.9/22

+ sign -35.913 ± 0.189 χ^2/NDF : 1149.8/31

All: -35.769 ± 0.132 χ^2/NDF : 2130.2/65

- sign -35.629 ± 0.186 χ^2/NDF : 979.3/33

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.587 ± 0.214 χ^2/NDF : 453.4/23

Left Out: 1.721 ± 0.148 χ^2/NDF : 168.3/23

Right Out: 4.493 ± 0.221 χ^2/NDF : 361.6/27

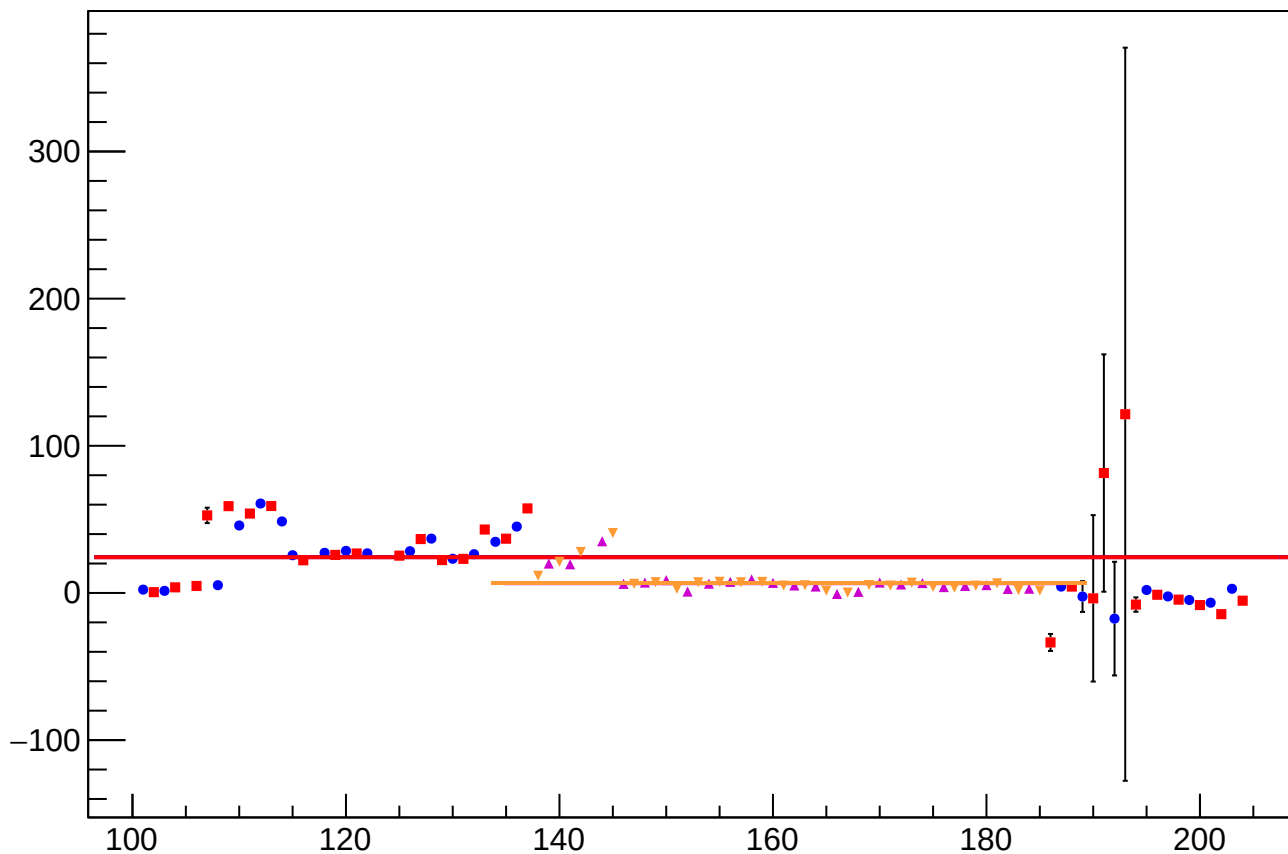
Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.322 ± 0.122 χ^2/NDF : 673.2/47

All: 2.449 ± 0.087 χ^2/NDF : 1309.8/98

- sign 2.581 ± 0.124 χ^2/NDF : 634.5/50

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 24.336 $\pm$ 0.378 χ^2 /NDF: 2341.6/23

Left Out: 6.767 $\pm$ 0.191 χ^2 /NDF: 1301.2/23

Right Out: 24.294 $\pm$ 0.366 χ^2 /NDF: 3269.0/27

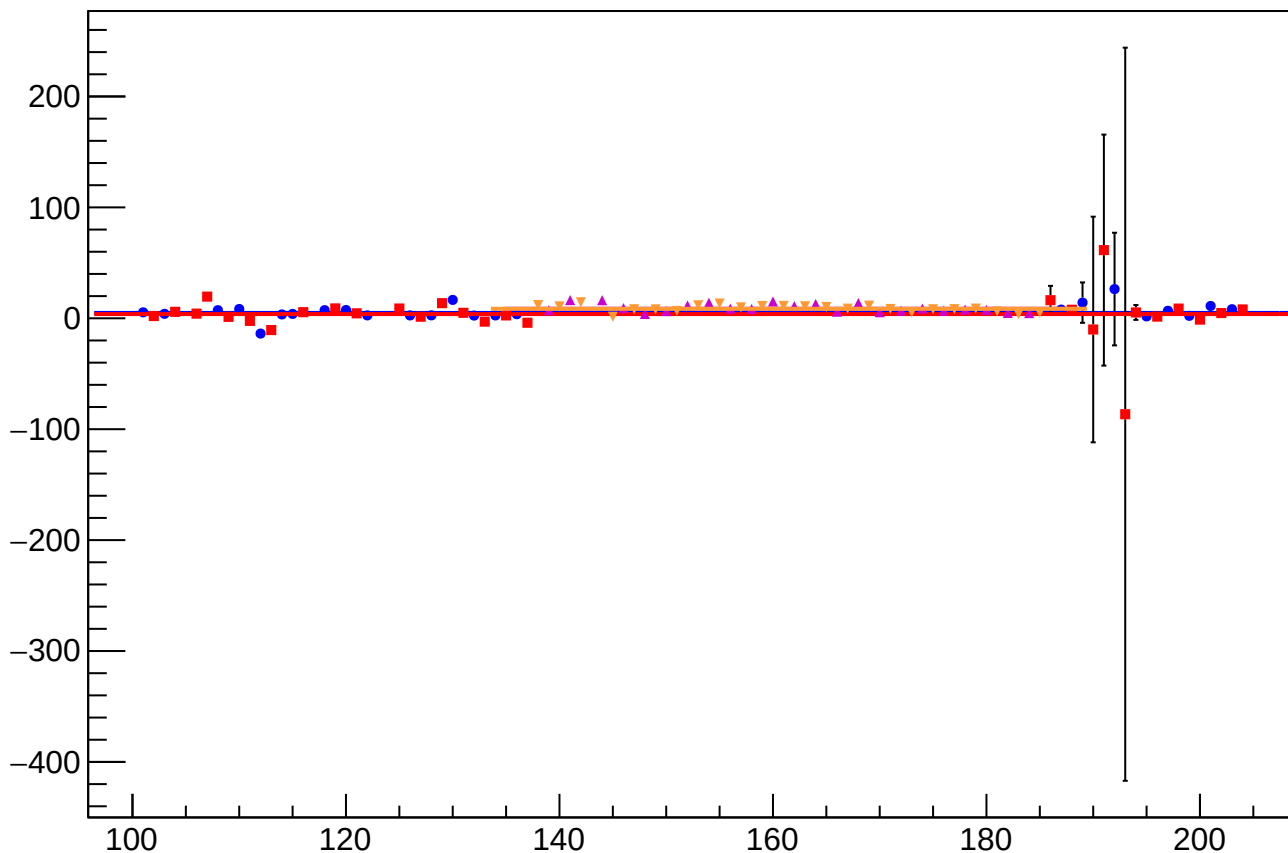
Left In: 6.635 $\pm$ 0.190 χ^2 /NDF: 1070.4/22

+ sign 10.343 $\pm$ 0.171 χ^2 /NDF: 5360.6/47

All: 10.360 $\pm$ 0.120 χ^2 /NDF: 11536.8/98

- sign 10.376 $\pm$ 0.168 χ^2 /NDF: 6176.2/50

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.830 ± 0.248 $\chi^2/\text{NDF}: 555.7/23$

Left Out: 8.588 ± 0.169 $\chi^2/\text{NDF}: 245.6/23$

Right Out: 3.798 ± 0.255 $\chi^2/\text{NDF}: 571.2/27$

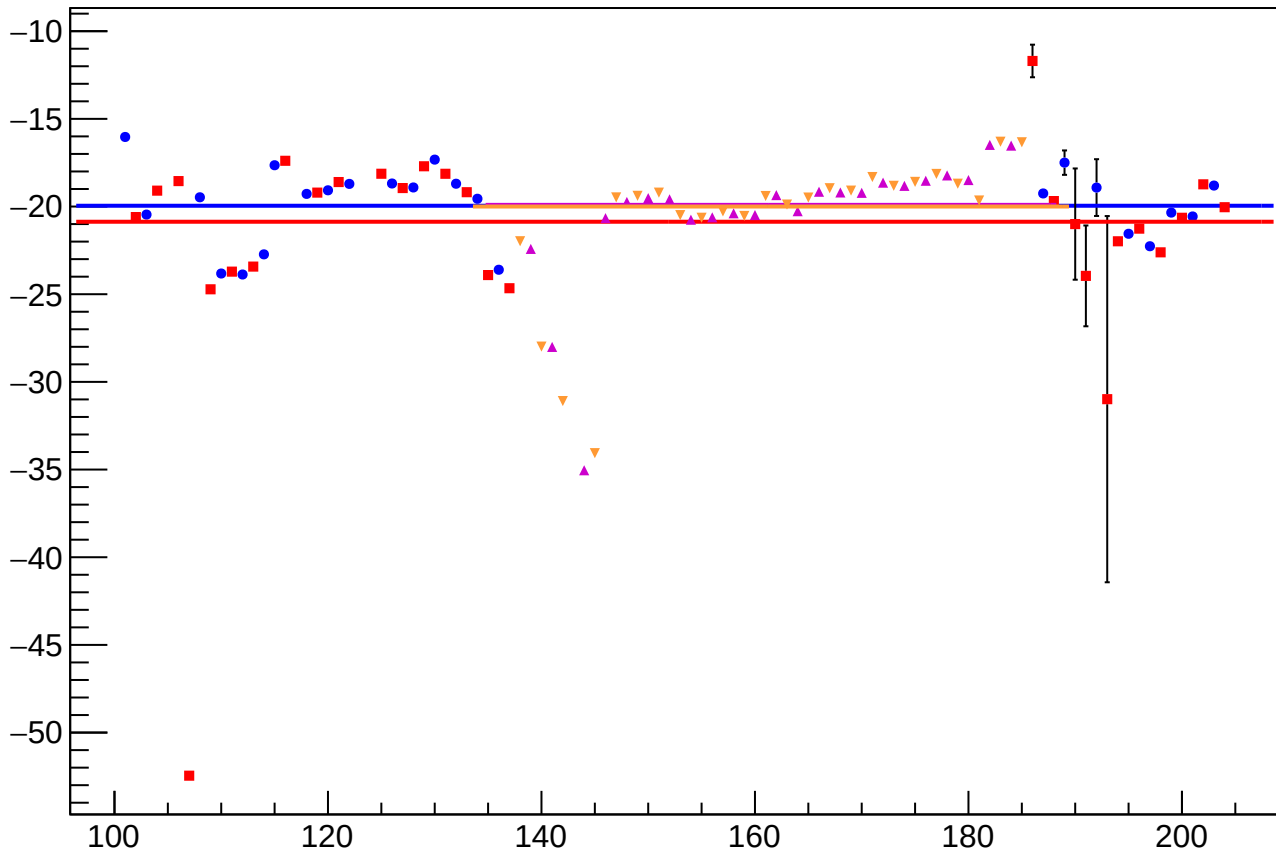
Left In: 8.573 ± 0.170 $\chi^2/\text{NDF}: 443.4/22$

+ sign 7.397 ± 0.140 $\chi^2/\text{NDF}: 958.4/47$

All: 7.253 ± 0.099 $\chi^2/\text{NDF}: 2218.7/98$

- sign 7.105 ± 0.141 $\chi^2/\text{NDF}: 1258.1/50$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.955 ± 0.015 $\chi^2/\text{NDF}: 26797.0/23$

Left Out: -19.999 ± 0.008 $\chi^2/\text{NDF}: 171834.0/23$

Right Out: -20.867 ± 0.015 $\chi^2/\text{NDF}: 93679.0/27$

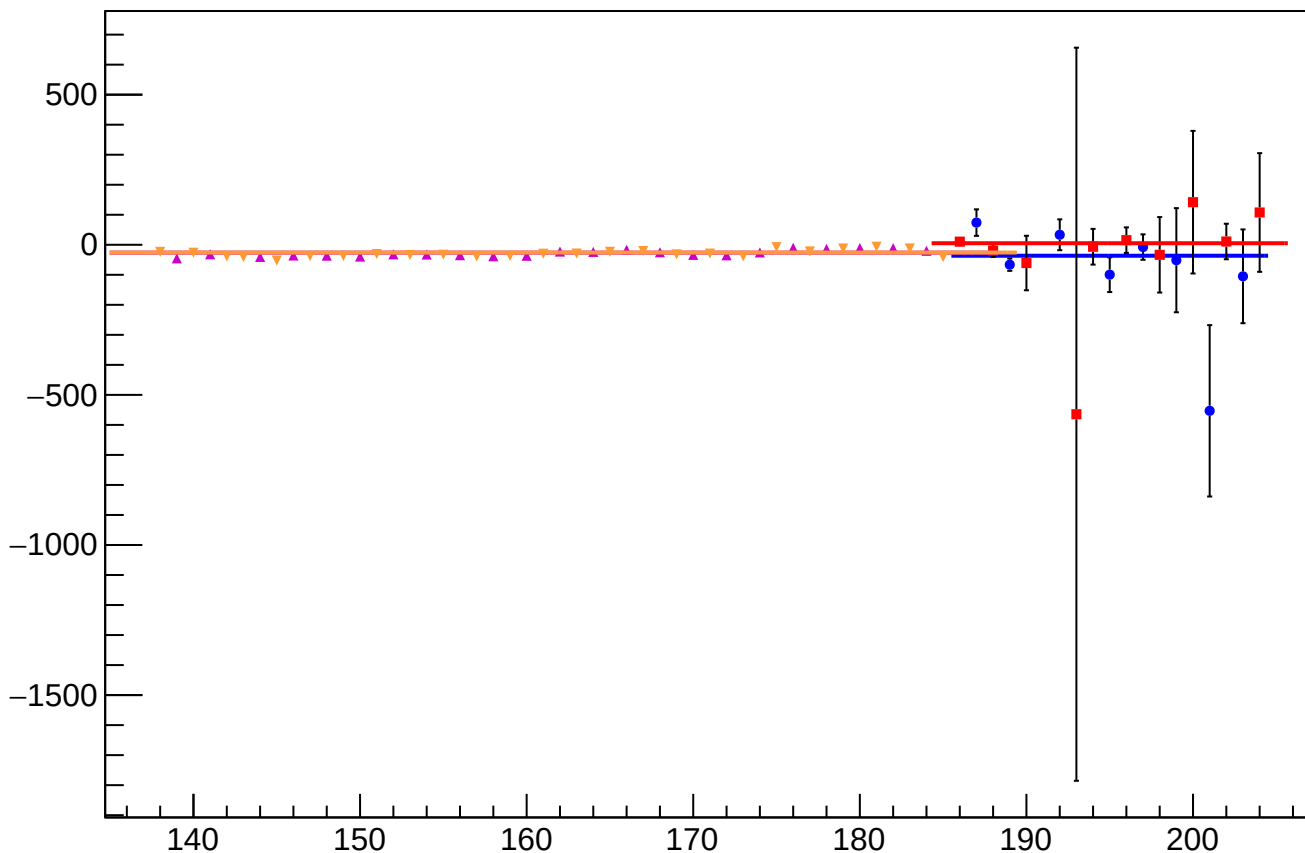
Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

+ sign -19.989 ± 0.007 $\chi^2/\text{NDF}: 198637.9/47$

All: -20.050 ± 0.005 $\chi^2/\text{NDF}: 441064.4/98$

- sign -20.110 ± 0.007 $\chi^2/\text{NDF}: 242274.7/50$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -36.486 ± 15.429 χ^2/NDF : 15.3/7

Left Out: -25.804 ± 0.192 χ^2/NDF : 4127.8/24

Right Out: 5.189 ± 8.205 χ^2/NDF : 3.2/9

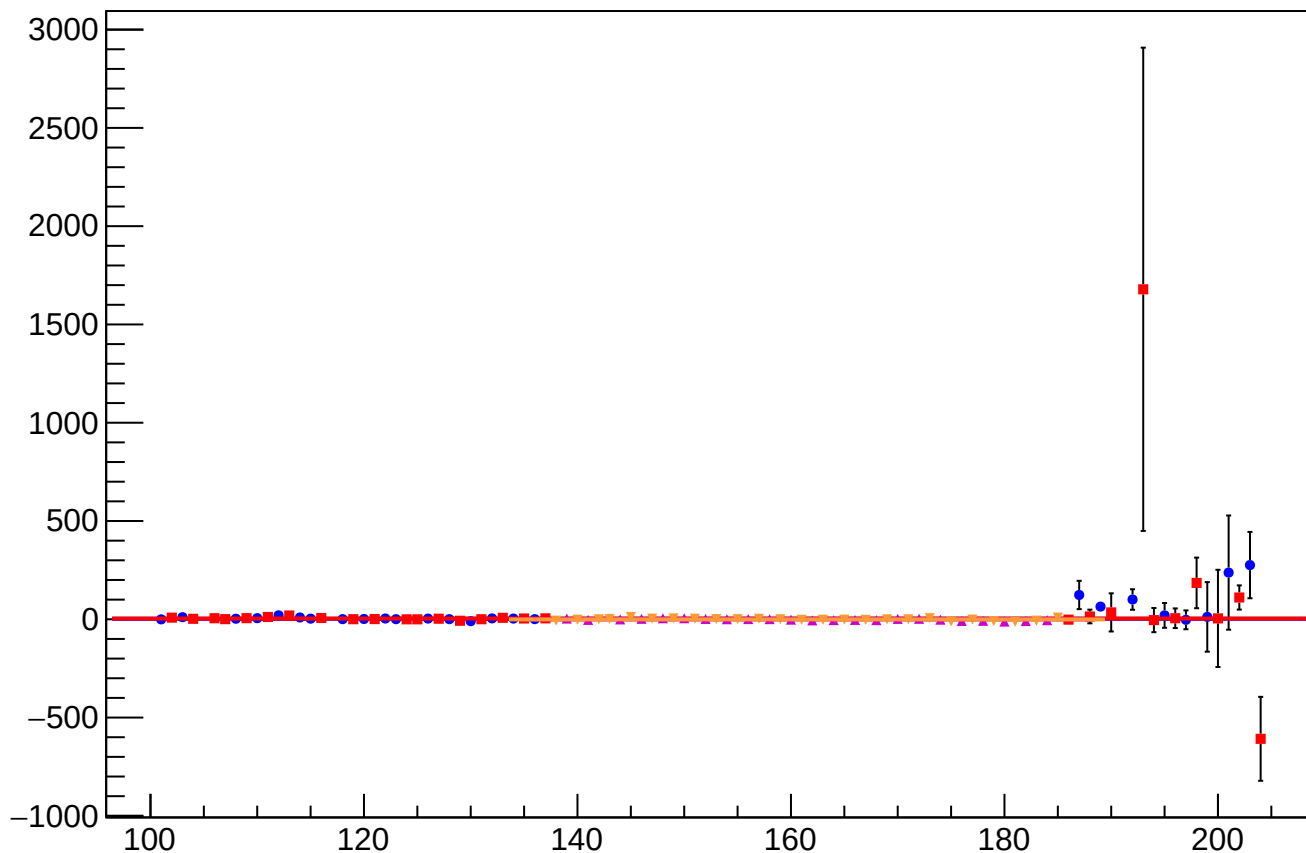
Left In: -26.204 ± 0.194 χ^2/NDF : 3377.8/22

+ sign -25.806 ± 0.192 χ^2/NDF : 4143.6/32

All: -25.994 ± 0.137 χ^2/NDF : 7541.2/65

- sign -26.186 ± 0.194 χ^2/NDF : 3395.7/32

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.462 ± 0.311 χ^2/NDF : 312.0/24

Left Out: -0.681 ± 0.147 χ^2/NDF : 1314.3/24

Right Out: 3.725 ± 0.327 χ^2/NDF : 284.6/27

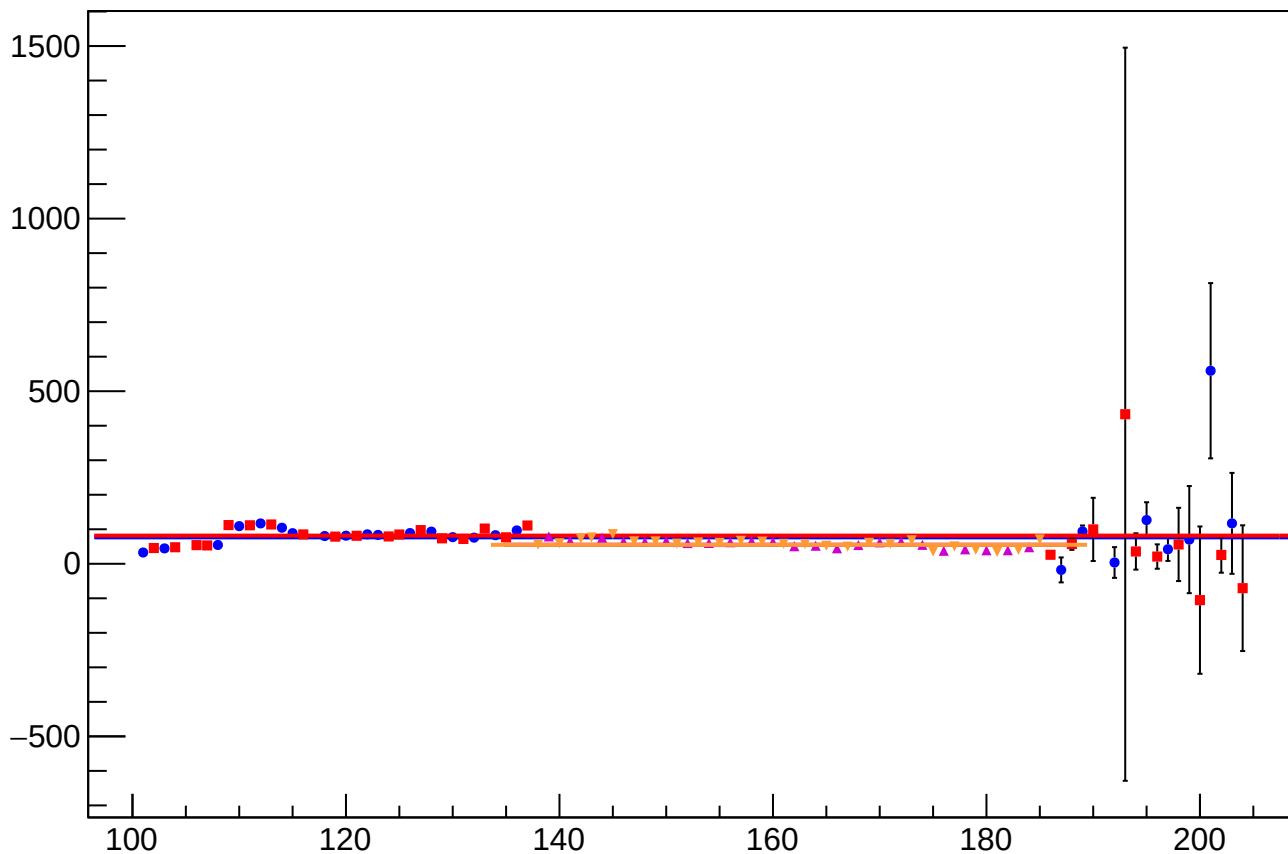
Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

+ sign -0.109 ± 0.133 χ^2/NDF : 1709.8/49

All: -0.079 ± 0.095 χ^2/NDF : 3227.5/100

- sign -0.047 ± 0.136 χ^2/NDF : 1517.6/50

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.555 $\pm$ 0.573 χ^2 /NDF: 2269.7/24

Left Out: 55.000 $\pm$ 0.192 χ^2 /NDF: 4524.8/24

Right Out: 81.674 $\pm$ 0.590 χ^2 /NDF: 1610.6/27

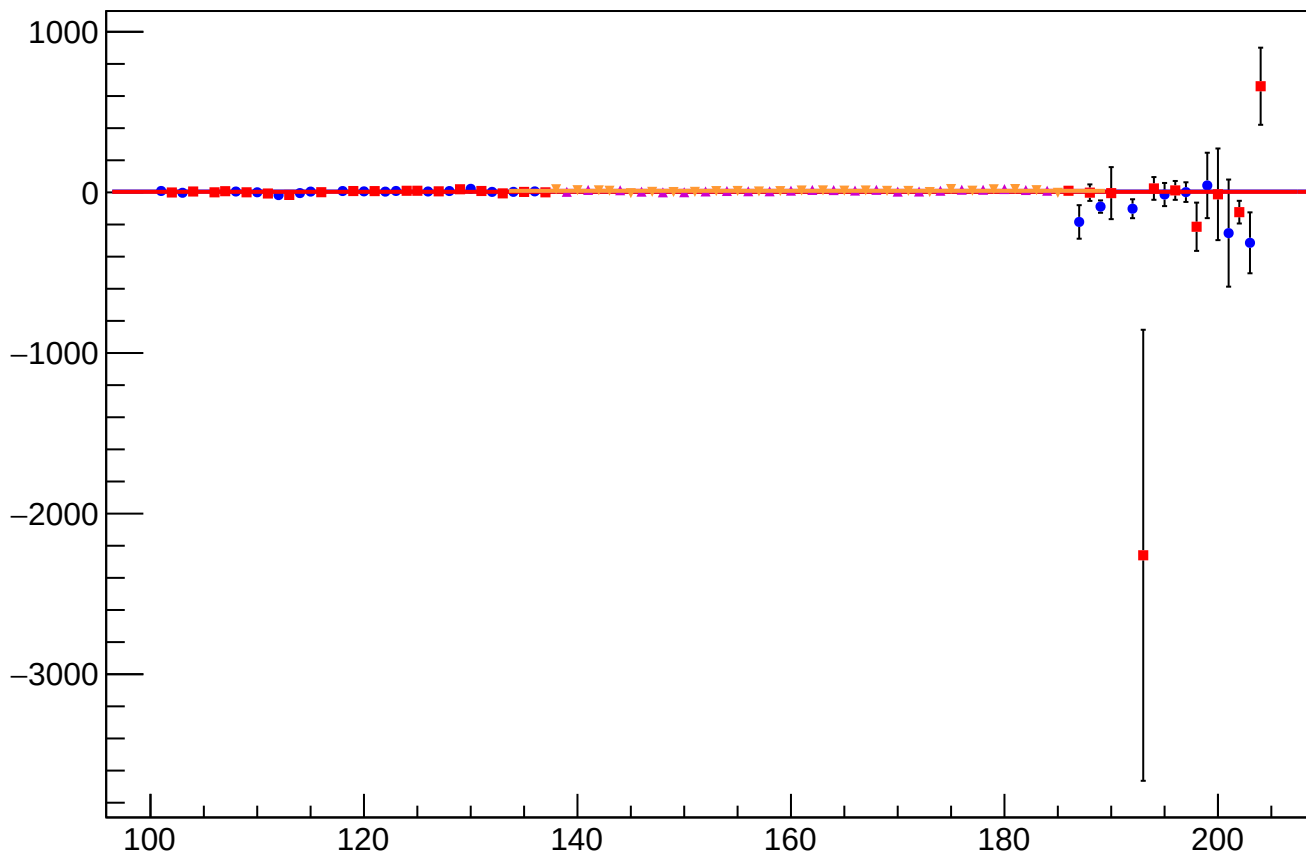
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ sign 57.174 $\pm$ 0.182 χ^2 /NDF: 8068.0/49

All: 57.472 $\pm$ 0.129 χ^2 /NDF: 15322.2/100

- sign 57.773 $\pm$ 0.183 χ^2 /NDF: 7248.9/50

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.426 ± 0.357 χ^2/NDF : 403.5/24

Left Out: 9.750 ± 0.168 χ^2/NDF : 1449.2/24

Right Out: 3.580 ± 0.375 χ^2/NDF : 438.7/27

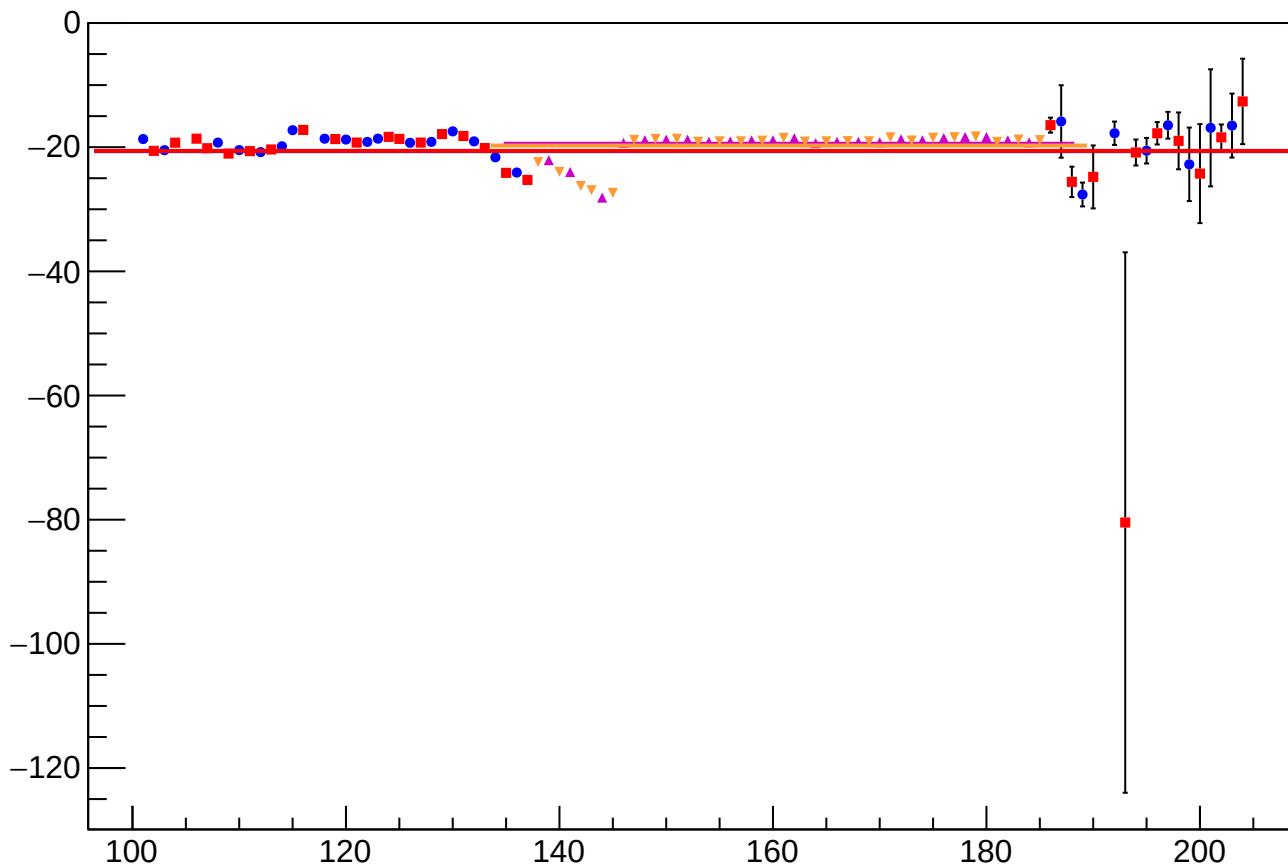
Left In: 9.775 ± 0.171 χ^2/NDF : 1165.6/22

+ sign 8.966 ± 0.152 χ^2/NDF : 1972.6/49

All: 8.840 ± 0.109 χ^2/NDF : 3803.8/100

- sign 8.708 ± 0.156 χ^2/NDF : 1829.7/50

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12511.4/24$

Left Out: -19.738 ± 0.008 $\chi^2/\text{NDF}: 88495.2/24$

Right Out: -20.601 ± 0.019 $\chi^2/\text{NDF}: 11974.9/27$

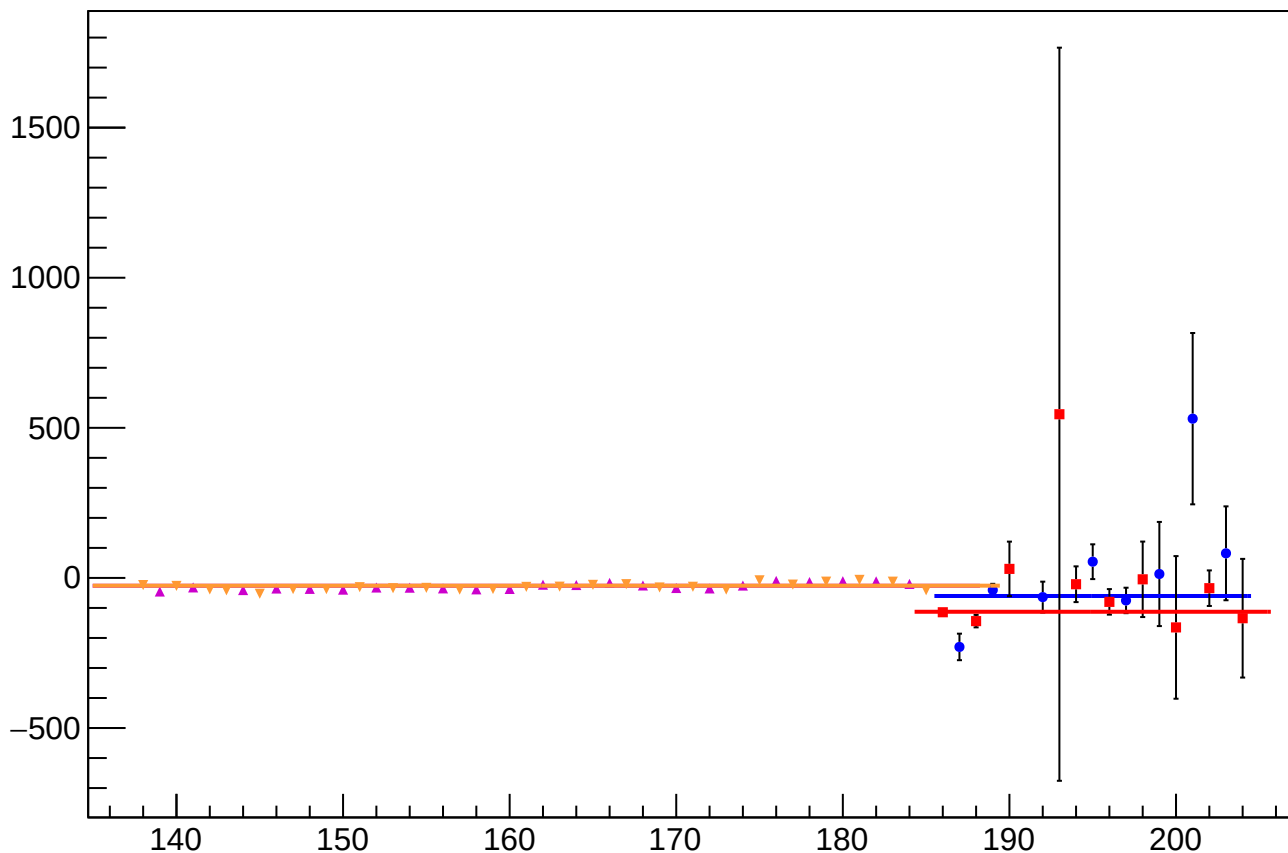
Left In: -19.448 ± 0.008 $\chi^2/\text{NDF}: 54039.2/22$

+ sign -19.867 ± 0.007 $\chi^2/\text{NDF}: 102840.7/49$

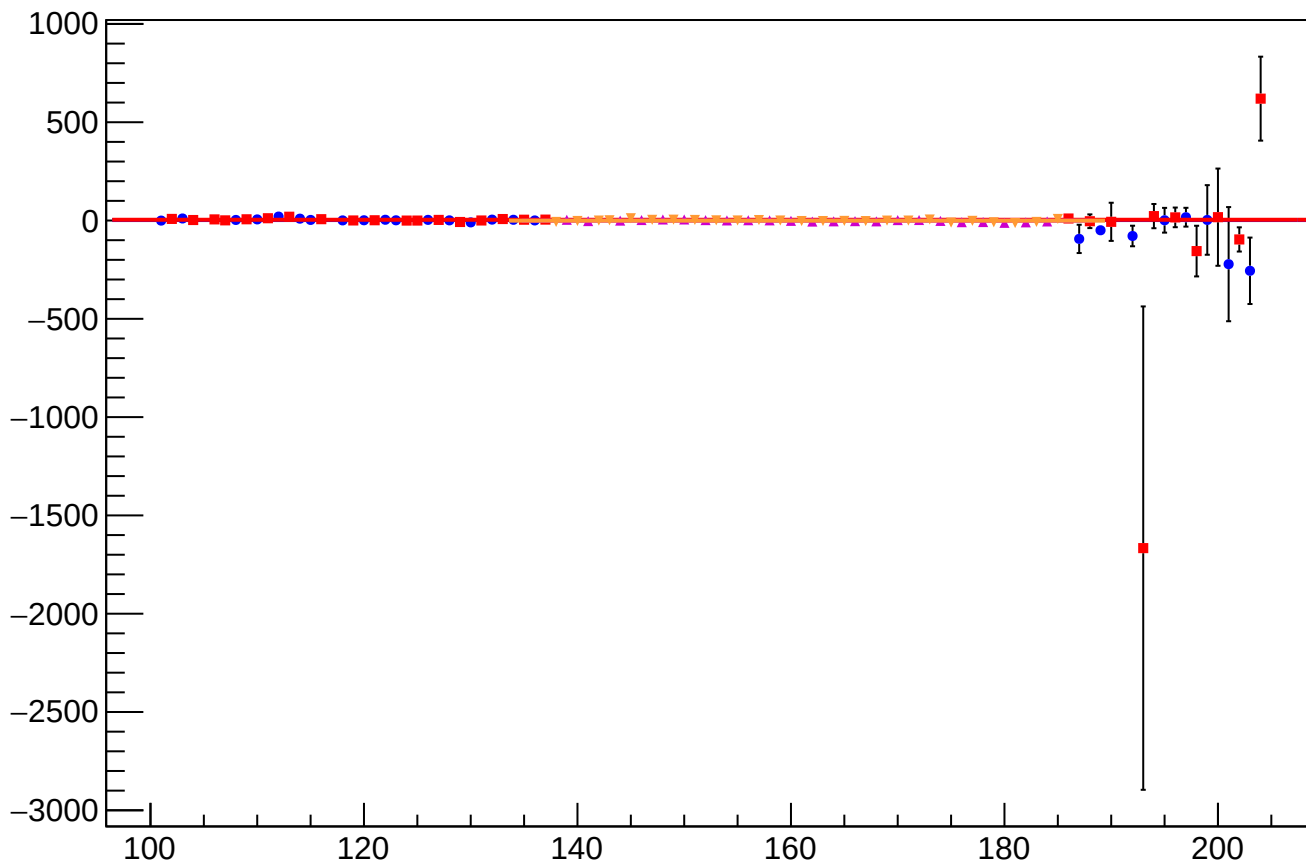
All: -19.740 ± 0.005 $\chi^2/\text{NDF}: 172475.7/100$

- sign -19.612 ± 0.007 $\chi^2/\text{NDF}: 69029.3/50$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.433 ± 0.311 χ^2/NDF : 305.5/24

Left Out: -0.625 ± 0.147 χ^2/NDF : 1303.5/24

Right Out: 3.861 ± 0.327 χ^2/NDF : 283.7/27

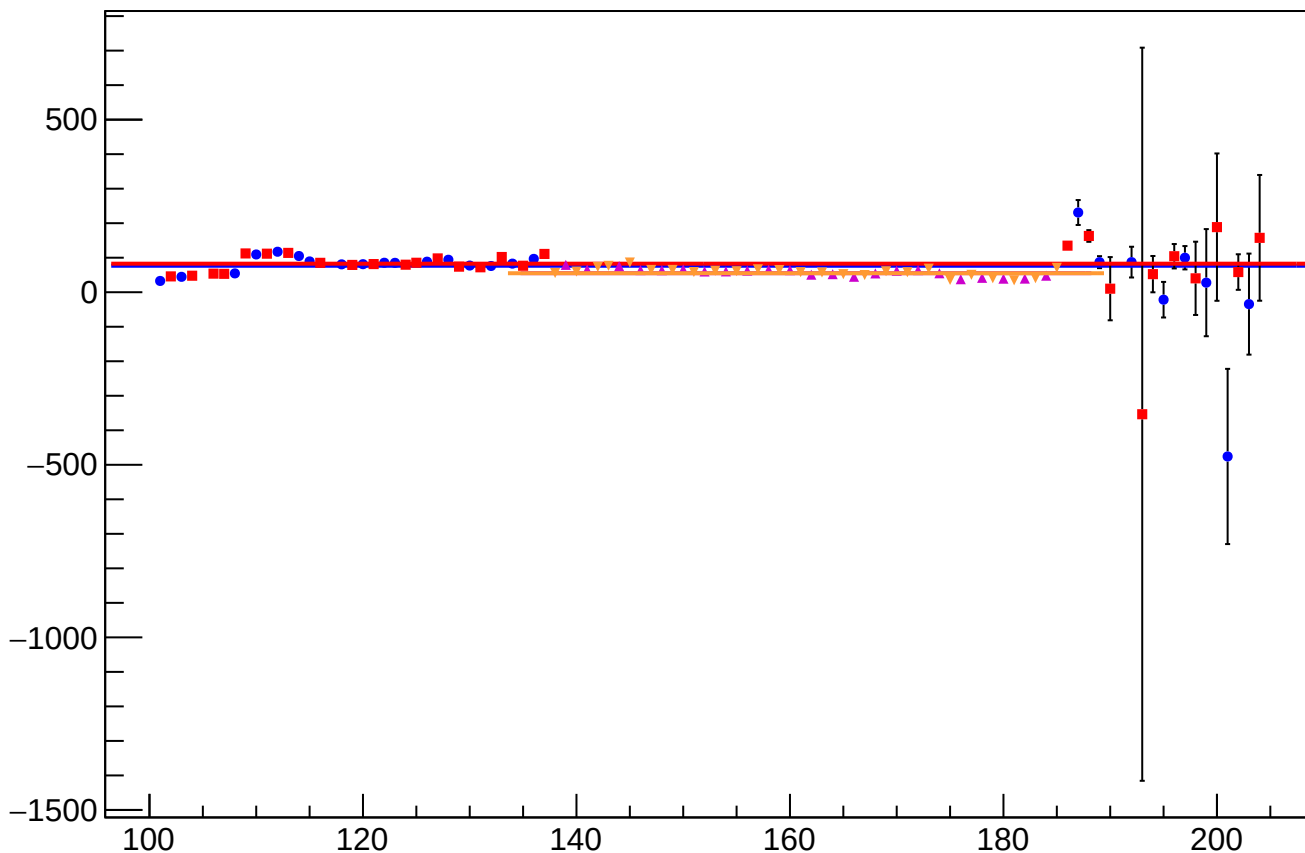
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.069 ± 0.133 χ^2/NDF : 1688.0/49

All: -0.019 ± 0.095 χ^2/NDF : 3249.2/100

- sign 0.034 ± 0.137 χ^2/NDF : 1561.0/50

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.728 $\pm$ 0.573 χ^2 /NDF: 2293.3/24

Left Out: 55.008 $\pm$ 0.192 χ^2 /NDF: 4502.1/24

Right Out: 82.667 $\pm$ 0.591 χ^2 /NDF: 1622.8/27

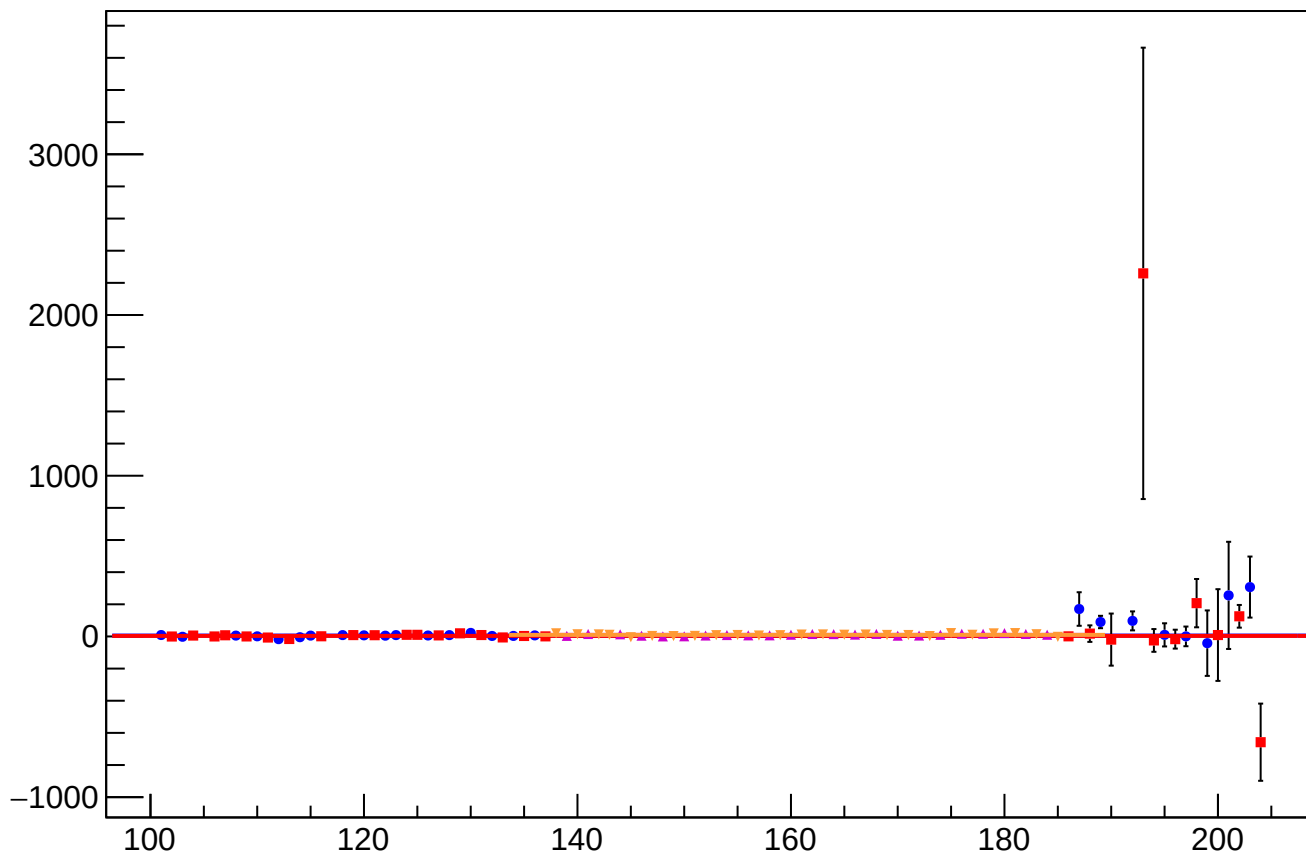
Left In: 55.252 $\pm$ 0.193 χ^2 /NDF: 3786.2/22

+ sign 57.199 $\pm$ 0.182 χ^2 /NDF: 8087.0/49

All: 57.544 $\pm$ 0.129 χ^2 /NDF: 15449.1/100

- sign 57.894 $\pm$ 0.183 χ^2 /NDF: 7354.9/50

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.453 ± 0.357 χ^2/NDF : 398.8/24

Left Out: 9.691 ± 0.168 χ^2/NDF : 1440.3/24

Right Out: 3.425 ± 0.376 χ^2/NDF : 438.3/27

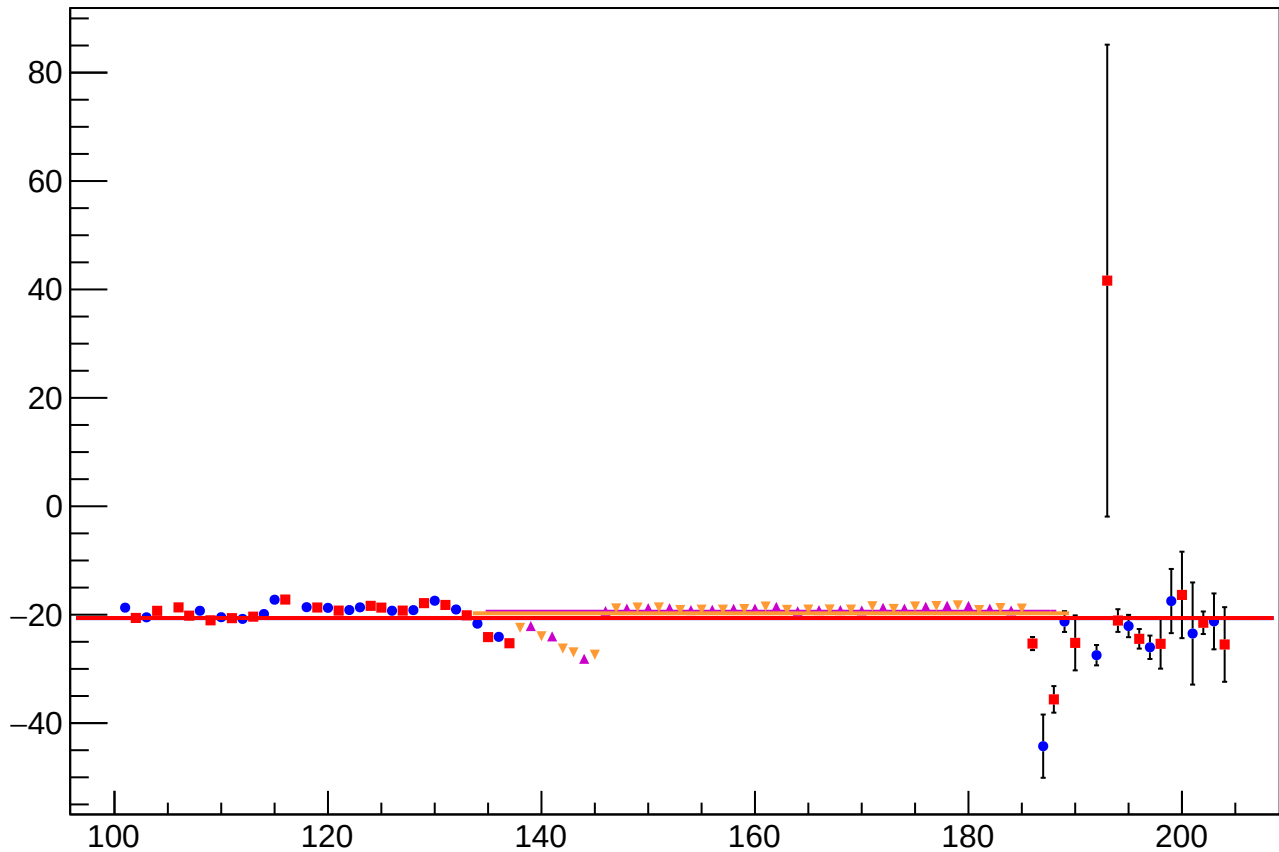
Left In: 9.708 ± 0.171 χ^2/NDF : 1198.0/22

+ sign 8.922 ± 0.152 χ^2/NDF : 1954.1/49

All: 8.777 ± 0.109 χ^2/NDF : 3823.9/100

- sign 8.626 ± 0.156 χ^2/NDF : 1867.9/50

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.633 ± 0.019 $\chi^2/\text{NDF}: 12567.6/24$

Left Out: -19.746 ± 0.008 $\chi^2/\text{NDF}: 88374.4/24$

Right Out: -20.608 ± 0.019 $\chi^2/\text{NDF}: 11962.7/27$

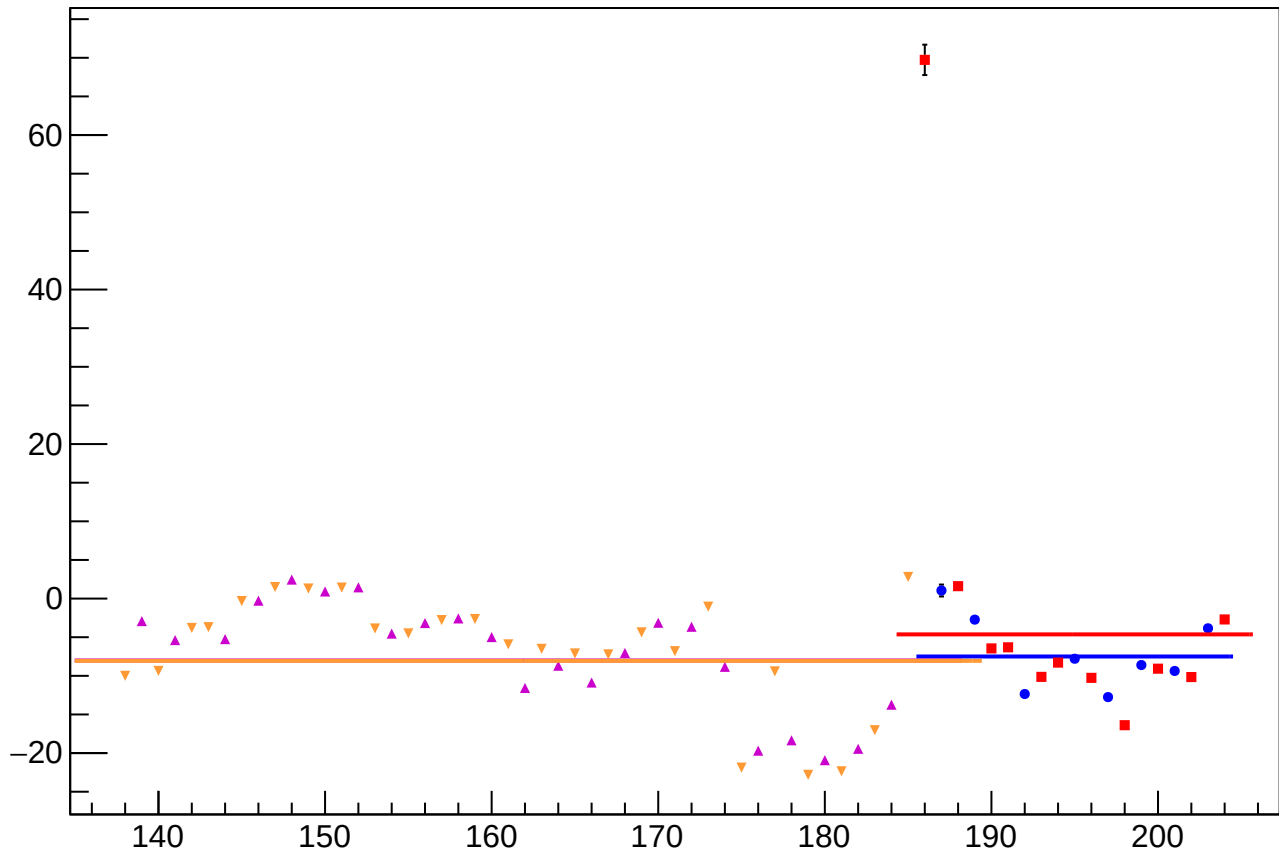
Left In: -19.457 ± 0.008 $\chi^2/\text{NDF}: 53995.4/22$

+ sign -19.874 ± 0.007 $\chi^2/\text{NDF}: 102753.0/49$

All: -19.748 ± 0.005 $\chi^2/\text{NDF}: 172307.0/100$

- sign -19.621 ± 0.007 $\chi^2/\text{NDF}: 68958.6/50$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -7.496 ± 0.150 χ^2/NDF : 713.4/7

Left Out: -8.058 ± 0.070 χ^2/NDF : 12532.2/24

Right Out: -4.635 ± 0.111 χ^2/NDF : 4013.6/10

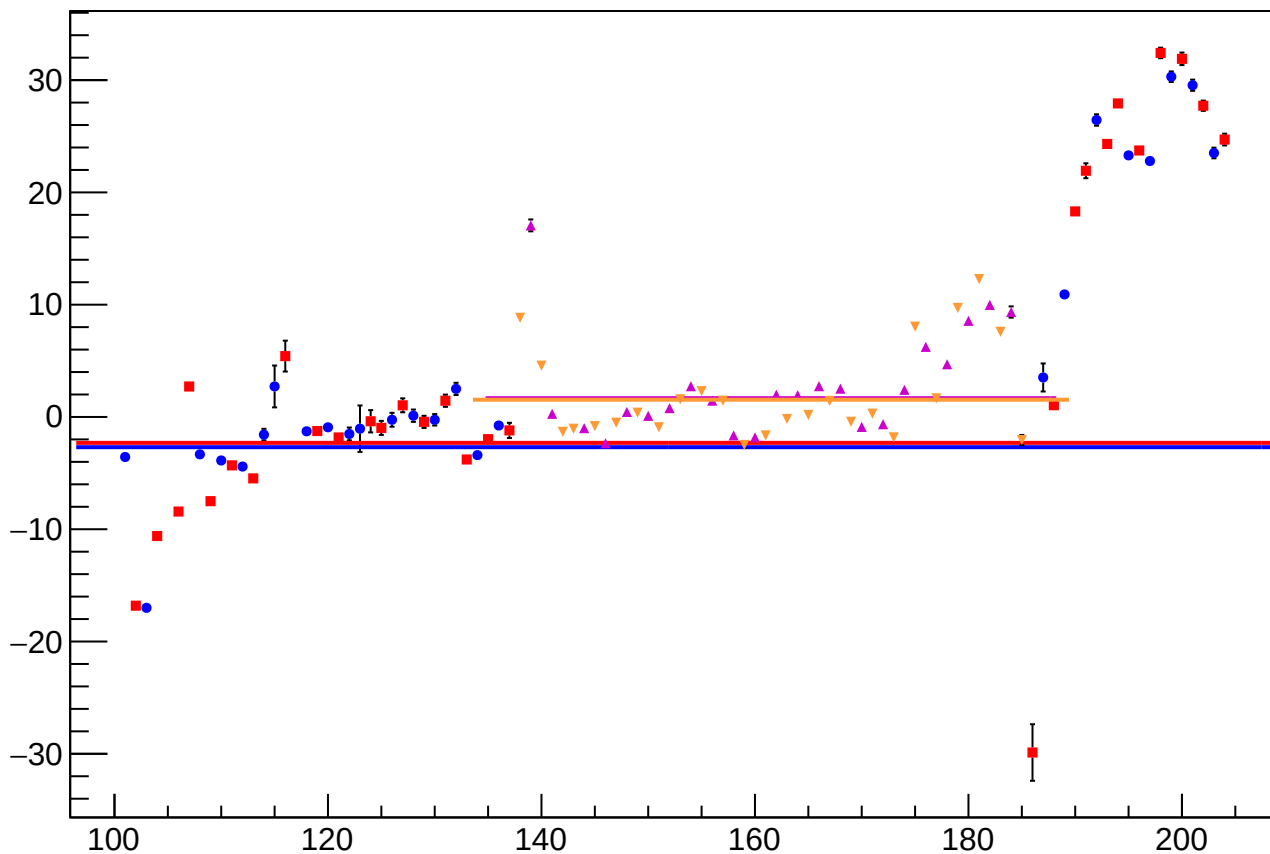
Left In: -8.010 ± 0.071 χ^2/NDF : 10631.2/22

+ sign -7.957 ± 0.064 χ^2/NDF : 13257.0/32

All: -7.462 ± 0.044 χ^2/NDF : 28669.0/66

- sign -7.023 ± 0.060 χ^2/NDF : 15298.3/33

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -2.692 ± 0.052 χ^2/NDF : 36421.2/24

Left Out: 1.535 ± 0.055 χ^2/NDF : 4816.7/24

Right Out: -2.307 ± 0.055 χ^2/NDF : 51024.3/28

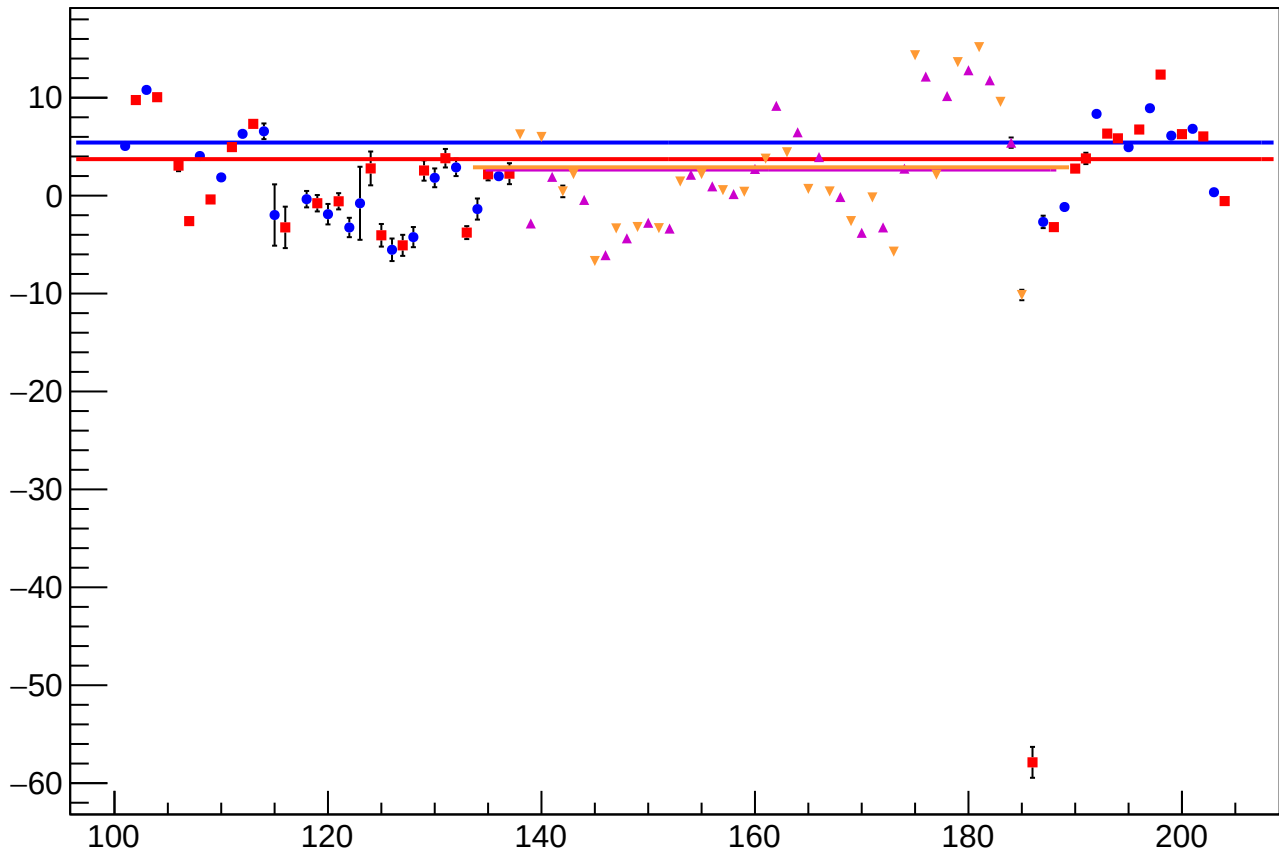
Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

+ sign -0.676 ± 0.038 χ^2/NDF : 44385.8/49

All: -0.535 ± 0.027 χ^2/NDF : 102114.9/101

- sign -0.381 ± 0.039 χ^2/NDF : 57699.5/51

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.421 ± 0.074 χ^2/NDF : 2390.2/24

Left Out: 2.891 ± 0.070 χ^2/NDF : 8889.4/24

Right Out: 3.727 ± 0.068 χ^2/NDF : 7481.7/28

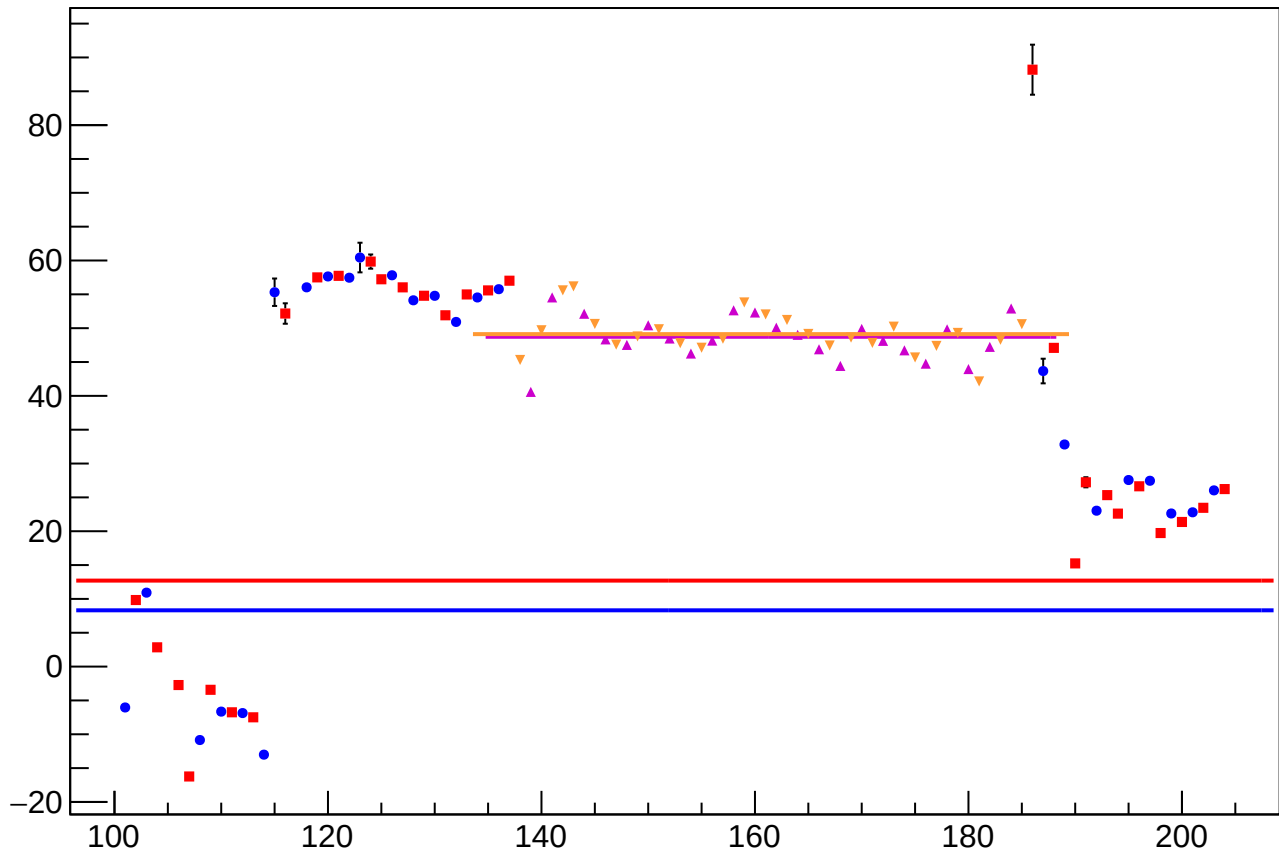
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 4.085 ± 0.051 χ^2/NDF : 11889.1/49

All: 3.634 ± 0.035 χ^2/NDF : 26945.8/101

- sign 3.216 ± 0.049 χ^2/NDF : 14907.0/51

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 8.314+/-0.062 χ^2/NDF : 132725.5/24

Left Out: 49.121+/-0.062 χ^2/NDF : 2165.4/24

Right Out: 12.705+/-0.065 χ^2/NDF : 134763.8/28

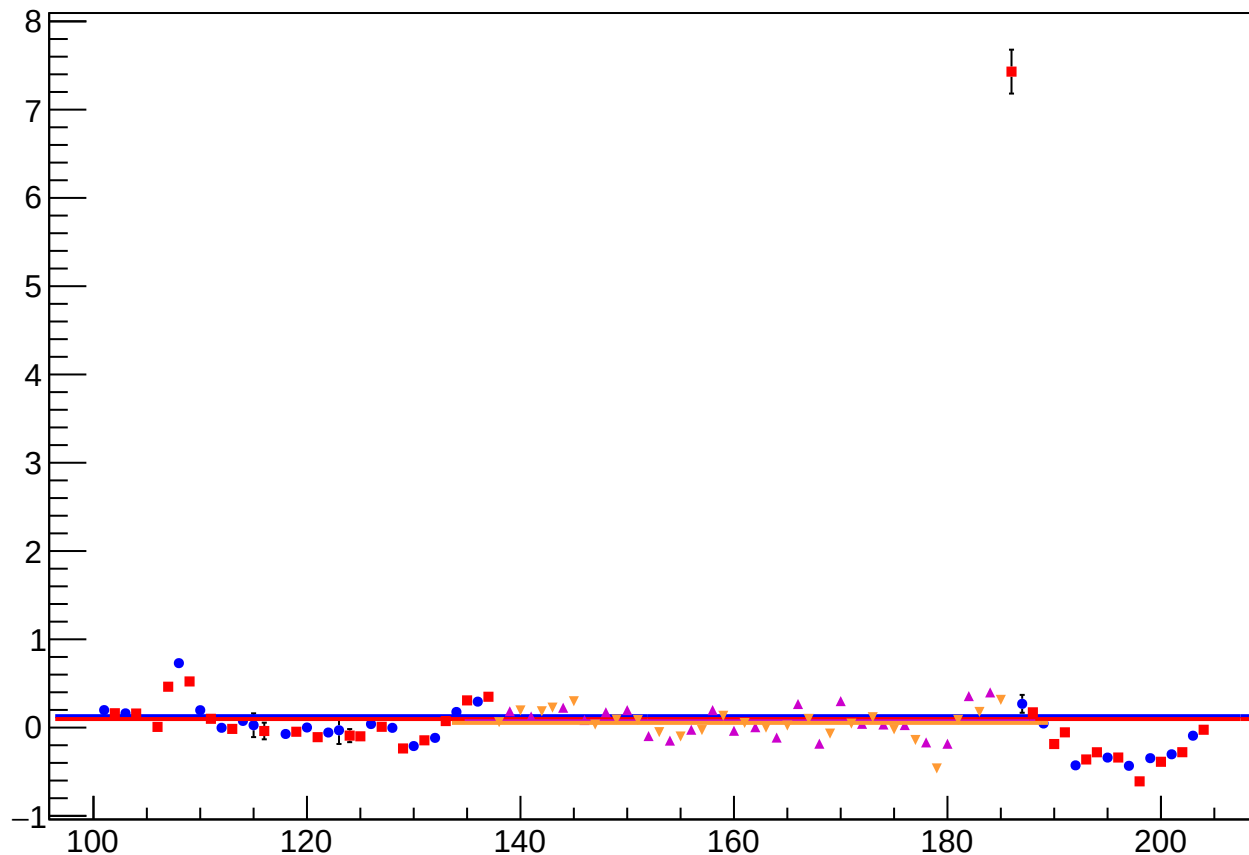
Left In: 48.731+/-0.064 χ^2/NDF : 2117.7/22

+ sign 28.608+/-0.044 χ^2/NDF : 353483.8/49

All: 29.821+/-0.031 χ^2/NDF : 648890.6/101

- sign 31.136+/-0.045 χ^2/NDF : 293797.3/51

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.129 $\pm$ 0.003 χ^2 /NDF: 10260.9/24

Left Out: 0.053 $\pm$ 0.003 χ^2 /NDF:2369.3/24

Right Out: 0.097 $\pm$ 0.002 χ^2 /NDF: 10815.6/28

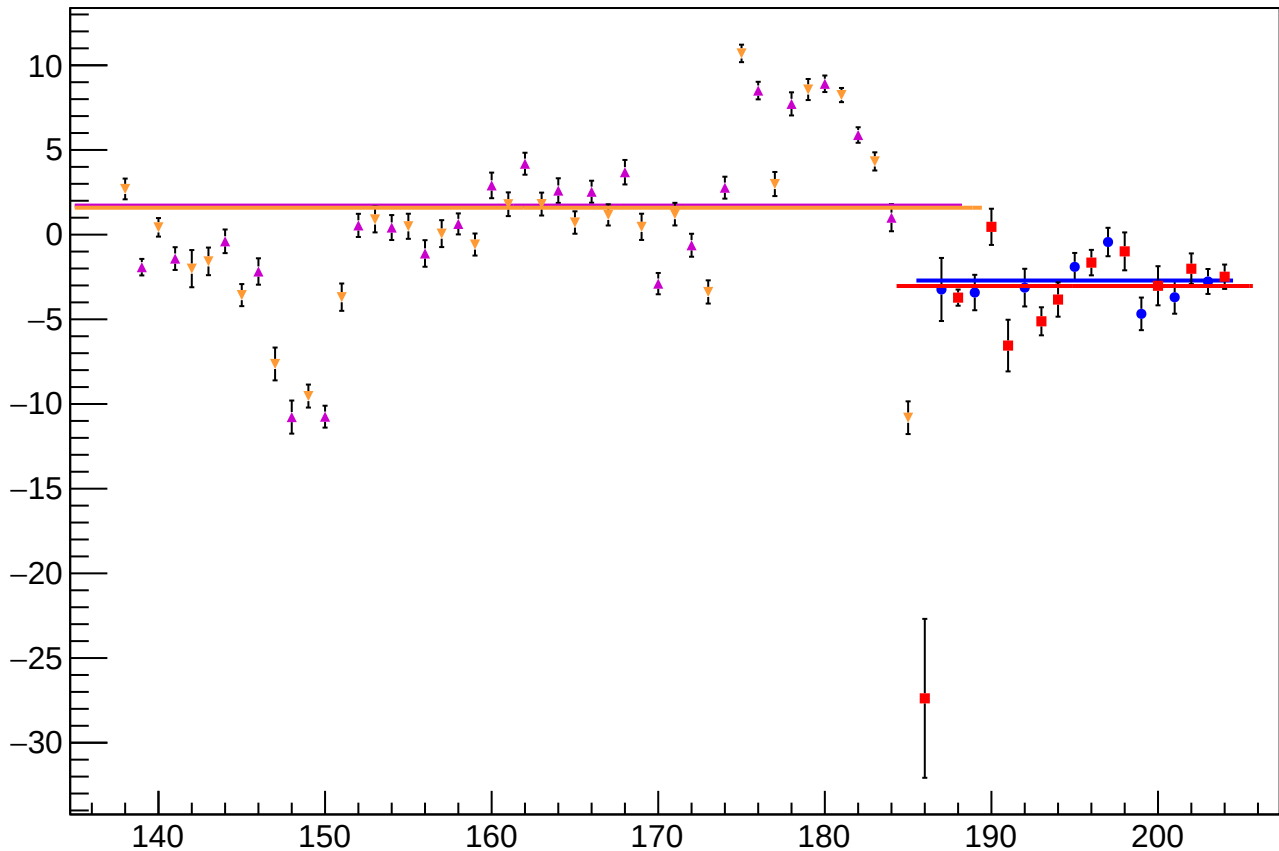
Left In: 0.072 $\pm$ 0.003 χ^2 /NDF:3272.0/22

+ sign 0.096 $\pm$ 0.002 χ^2 /NDF: 13031.3/49

All: 0.091 $\pm$ 0.001 χ^2 /NDF: 27175.5/101

- sign 0.086 $\pm$ 0.002 χ^2 /NDF: 14131.3/51

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -2.709 ± 0.335 χ^2/NDF : 14.2/7

Left Out: 1.590 ± 0.133 χ^2/NDF : 1457.4/24

Right Out: -3.034 ± 0.261 χ^2/NDF : 60.5/10

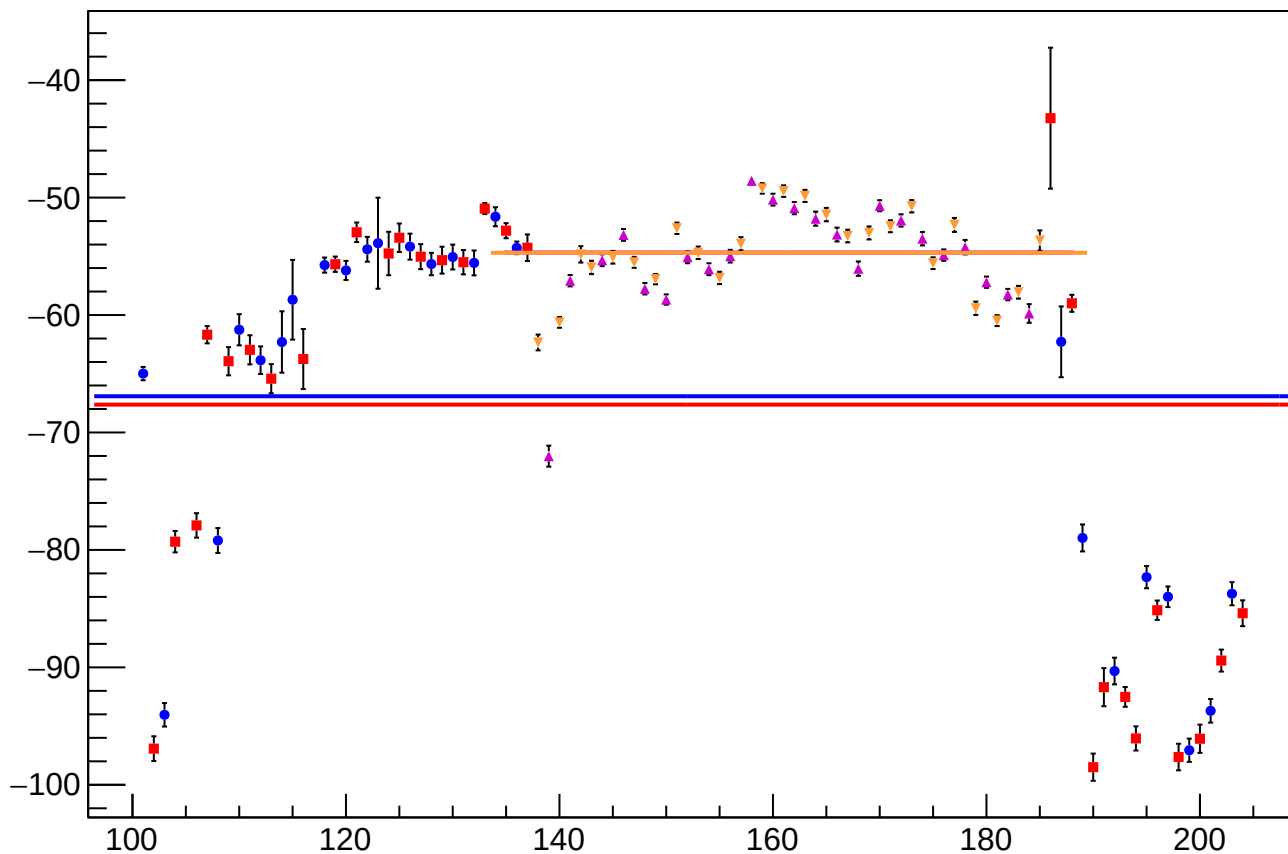
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.006 ± 0.124 χ^2/NDF : 1613.6/32

All: 0.860 ± 0.086 χ^2/NDF : 3251.9/66

- sign 0.724 ± 0.119 χ^2/NDF : 1635.6/33

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -66.915 ± 0.192 χ^2/NDF : 6074.7/24

Left Out: -54.701 ± 0.106 χ^2/NDF : 1124.5/24

Right Out: -67.630 ± 0.176 χ^2/NDF : 9530.4/28

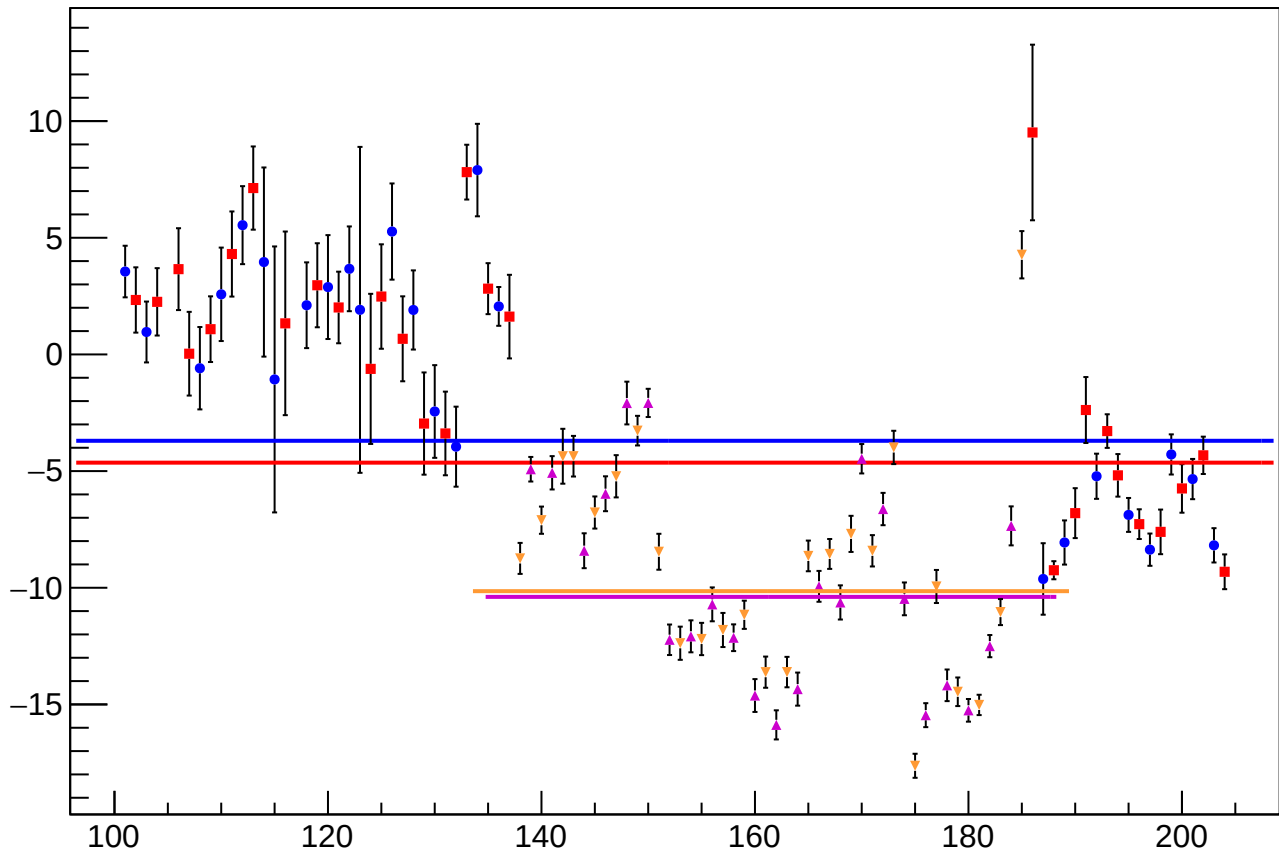
Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

+ sign -57.560 ± 0.093 χ^2/NDF : 10308.8/49

All: -57.930 ± 0.066 χ^2/NDF : 24929.6/101

- sign -58.301 ± 0.093 χ^2/NDF : 14588.9/51

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -3.701 ± 0.241 χ^2/NDF : 396.0/24

Left Out: -10.146 ± 0.133 χ^2/NDF : 1051.2/24

Right Out: -4.638 ± 0.198 χ^2/NDF : 625.9/28

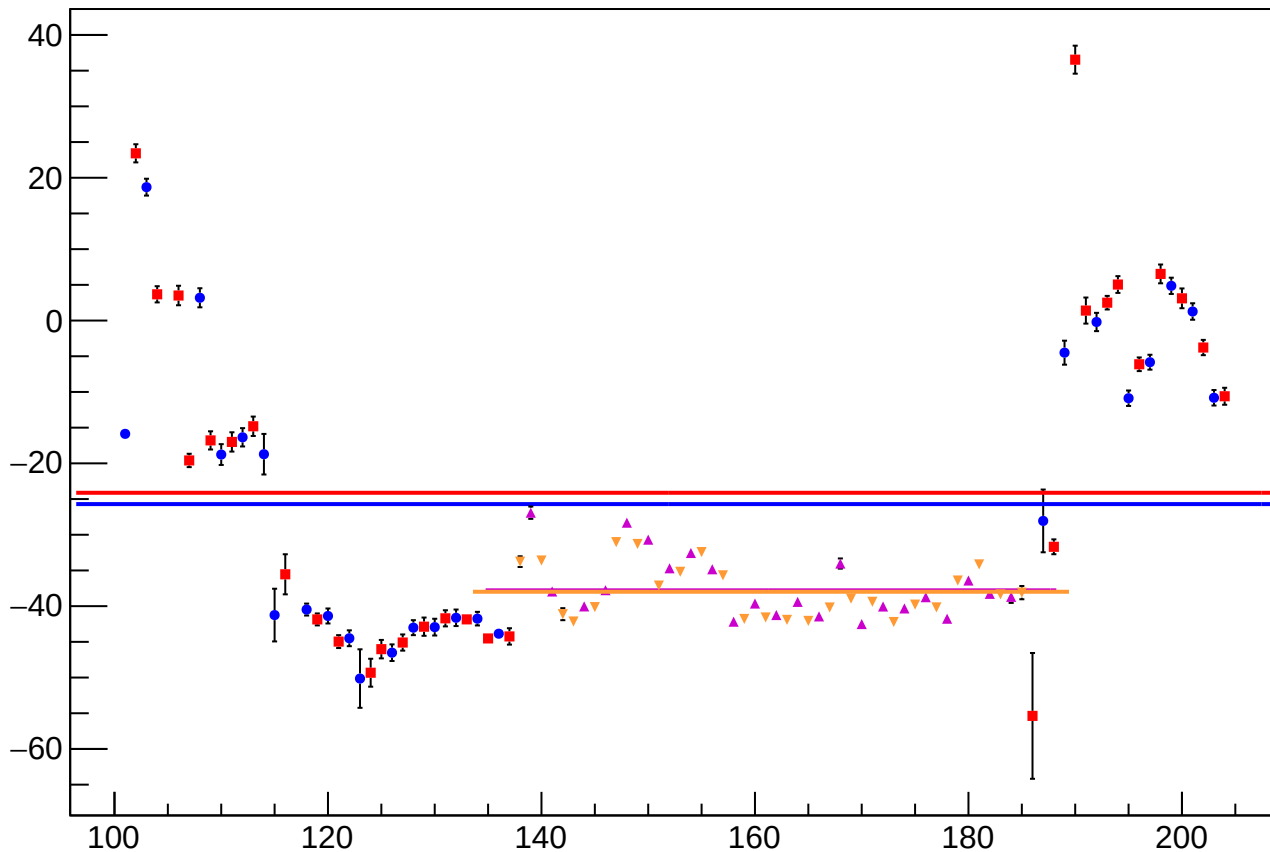
Left In: -10.391 ± 0.134 χ^2/NDF : 1024.8/22

+ sign -8.638 ± 0.116 χ^2/NDF : 1996.3/49

All: -8.609 ± 0.080 χ^2/NDF : 4228.4/101

- sign -8.583 ± 0.111 χ^2/NDF : 2232.1/51

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -25.706 ± 0.220 χ^2/NDF : 8009.4/24

Left Out: -37.983 ± 0.119 χ^2/NDF : 936.9/24

Right Out: -24.122 ± 0.205 χ^2/NDF : 11403.0/28

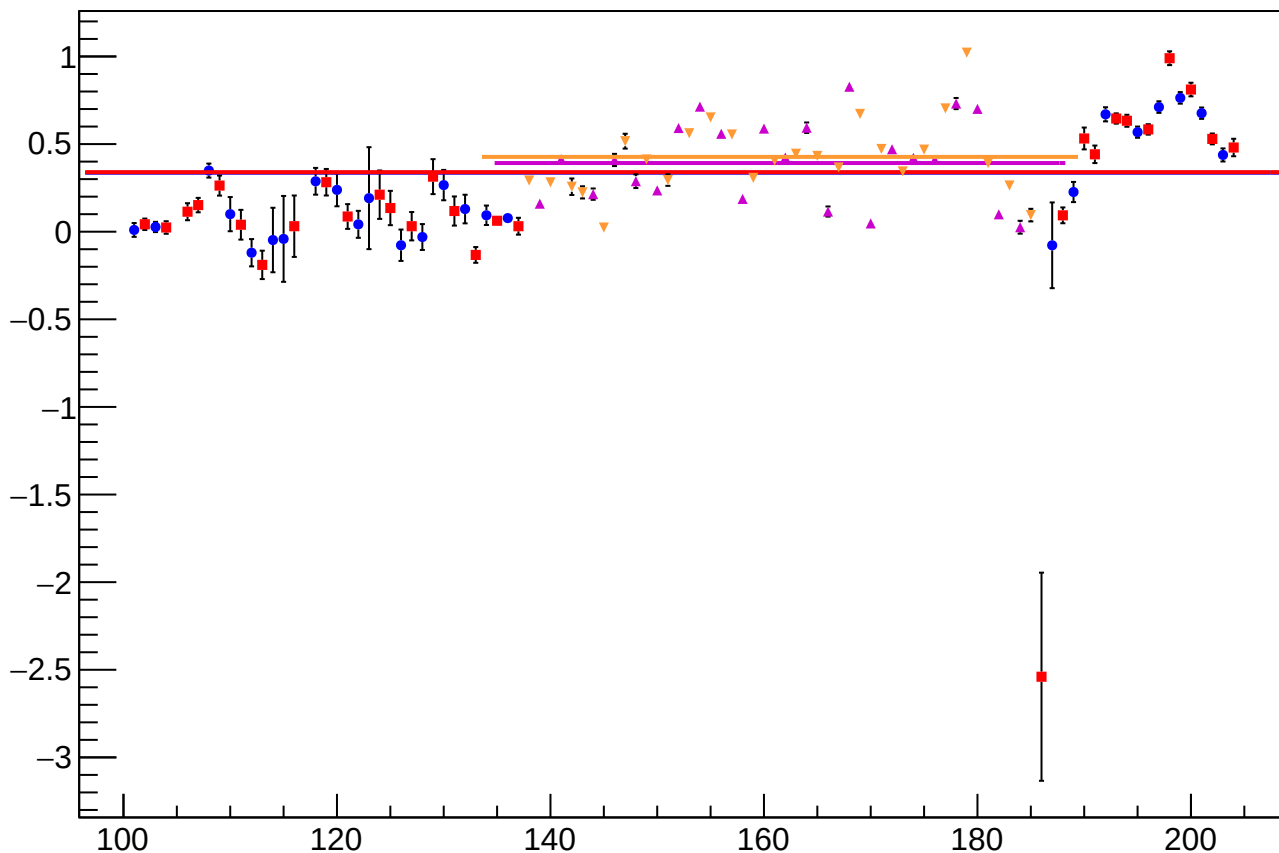
Left In: -37.784 ± 0.122 χ^2/NDF : 1079.7/22

+ sign -35.205 ± 0.105 χ^2/NDF : 11355.1/49

All: -34.711 ± 0.074 χ^2/NDF : 27163.6/101

- sign -34.216 ± 0.105 χ^2/NDF : 15763.9/51

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.337 $\pm$ 0.009 χ^2 /NDF: 994.5/24

Left Out: 0.427 $\pm$ 0.005 χ^2 /NDF:1293.3/24

Right Out: 0.340 $\pm$ 0.009 χ^2 /NDF: 1347.6/28

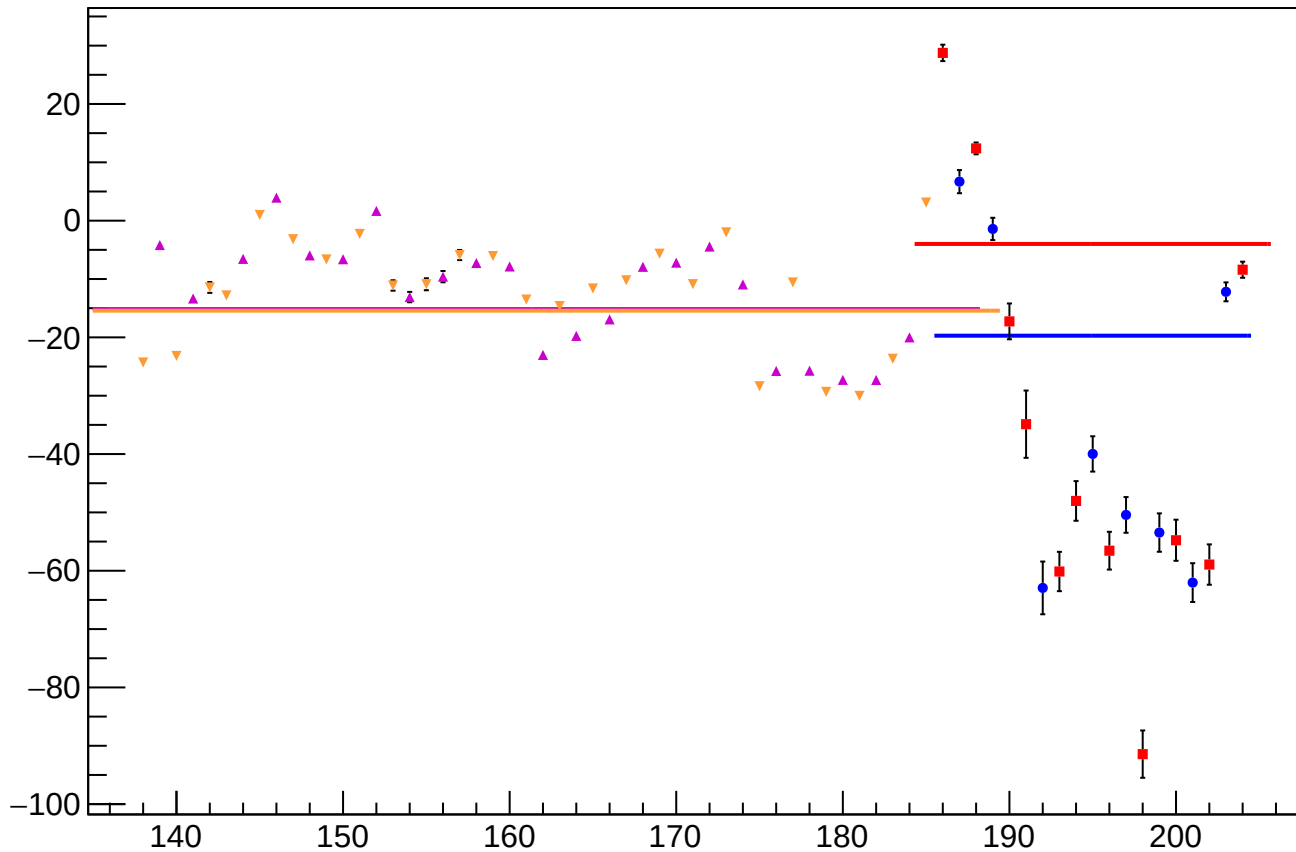
Left In: 0.392 $\pm$ 0.005 χ^2 /NDF:1835.6/22

+ sign 0.404 $\pm$ 0.005 χ^2 /NDF: 2358.4/49

All: 0.390 $\pm$ 0.003 χ^2 /NDF: 5585.8/101

- sign 0.377 $\pm$ 0.005 χ^2 /NDF: 3210.0/51

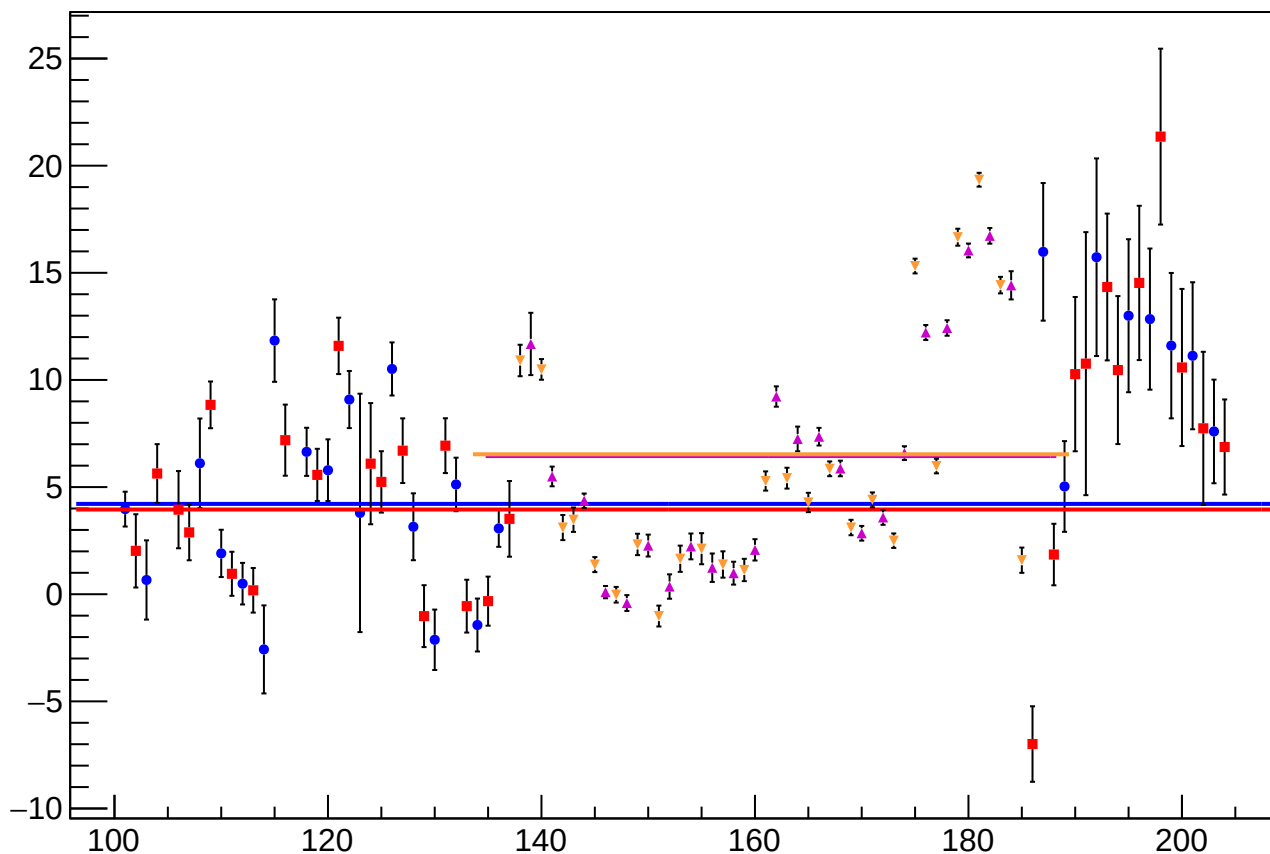
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -19.714 ± 0.859 $\chi^2/\text{NDF}: 794.2/7$
 Left Out: -15.427 ± 0.105 $\chi^2/\text{NDF}: 10499.6/24$
 Right Out: -3.989 ± 0.616 $\chi^2/\text{NDF}: 2493.5/10$
 Left In: -15.151 ± 0.106 $\chi^2/\text{NDF}: 8744.3/22$

+ sign -15.491 ± 0.105 $\chi^2/\text{NDF}: 11318.4/32$
 All: -15.160 ± 0.074 $\chi^2/\text{NDF}: 22895.0/66$
 - sign -14.829 ± 0.105 $\chi^2/\text{NDF}: 11556.6/33$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 4.215 ± 0.296 χ^2/NDF : 182.7/24

Left Out: 6.531 ± 0.086 χ^2/NDF : 4969.5/24

Right Out: 3.953 ± 0.294 χ^2/NDF : 224.3/28

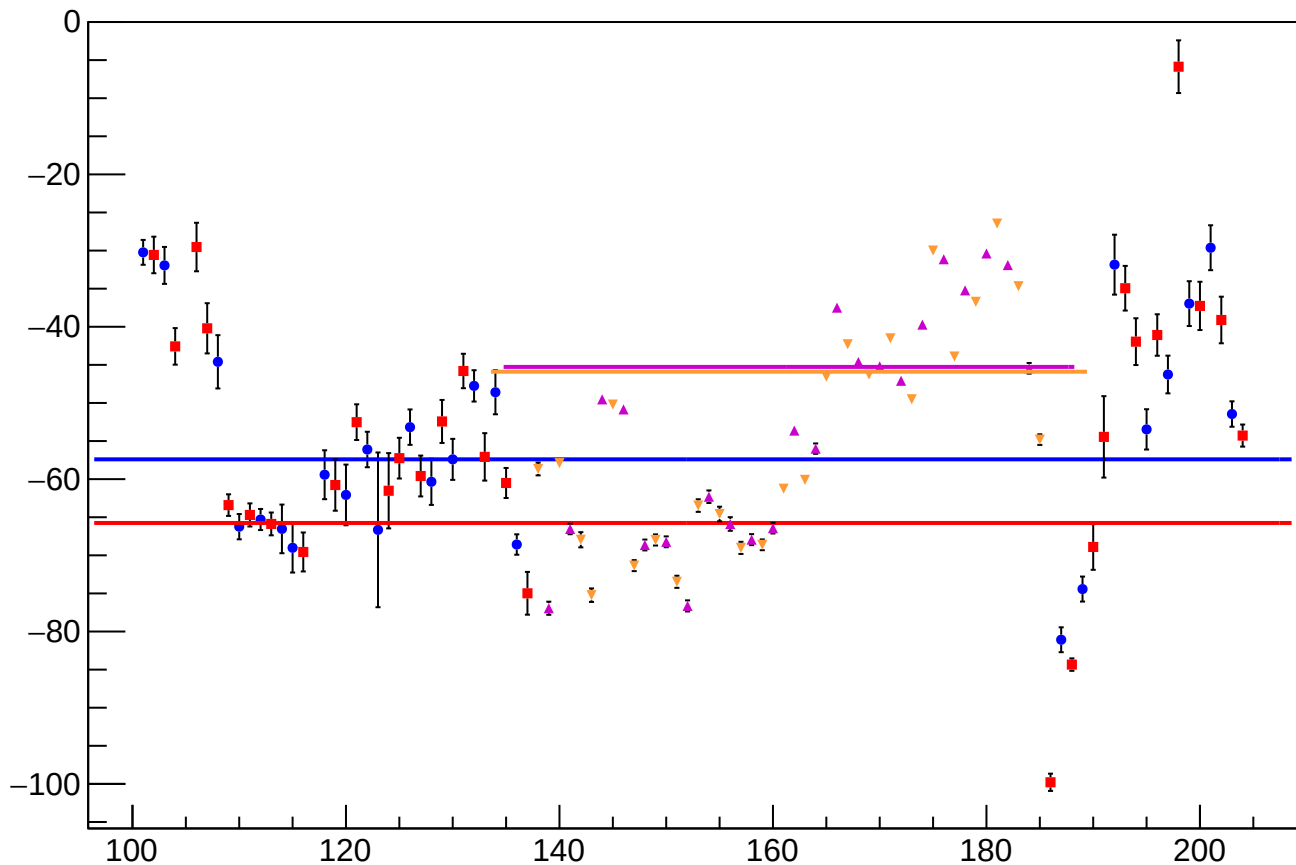
Left In: 6.448 ± 0.086 χ^2/NDF : 3955.6/22

+ sign 6.353 ± 0.082 χ^2/NDF : 5208.6/49

All: 6.303 ± 0.058 χ^2/NDF : 9455.5/101

- sign 6.252 ± 0.082 χ^2/NDF : 4246.2/51

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -57.400 ± 0.442 $\chi^2/\text{NDF}: 1123.2/24$

Left Out: -45.897 ± 0.106 $\chi^2/\text{NDF}: 17133.8/24$

Right Out: -65.752 ± 0.377 $\chi^2/\text{NDF}: 2878.2/28$

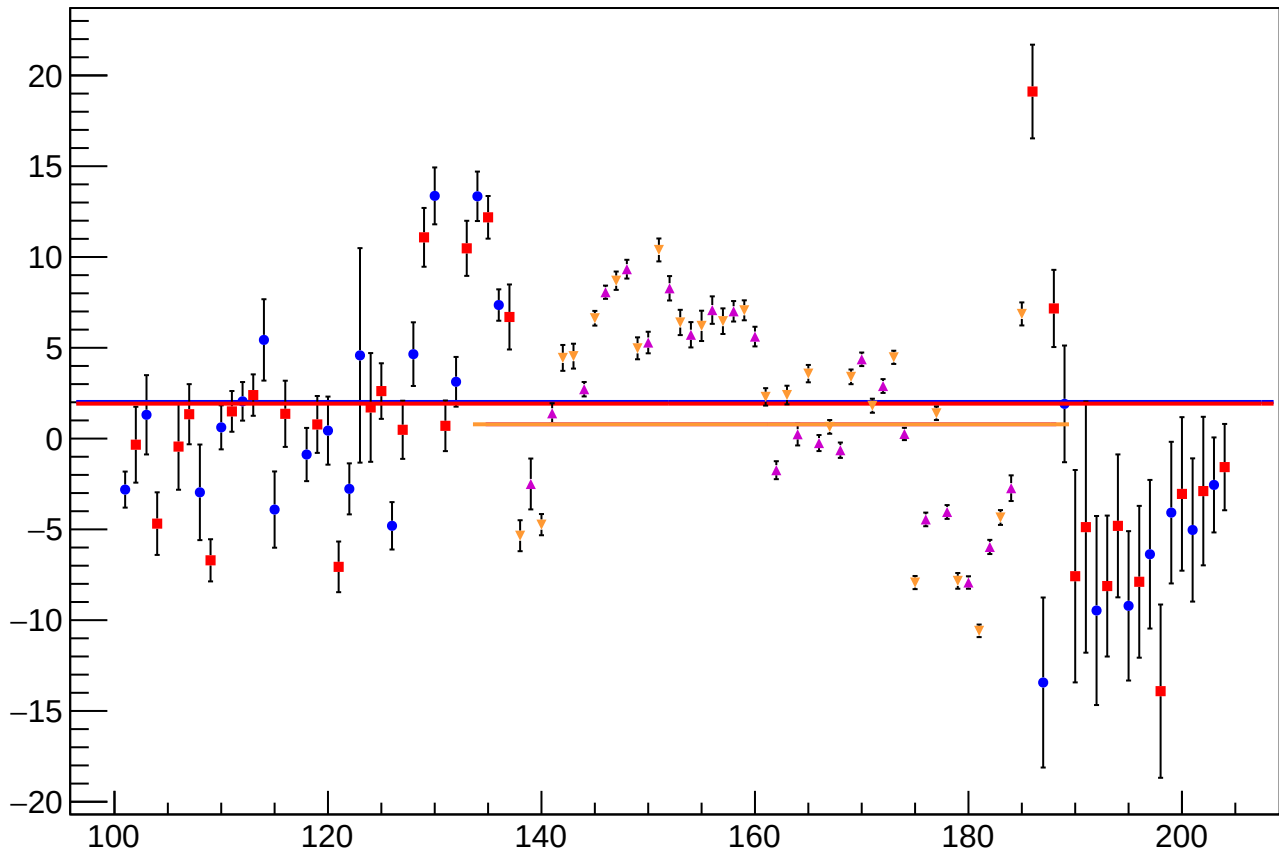
Left In: -45.268 ± 0.107 $\chi^2/\text{NDF}: 15775.7/22$

+ sign -46.526 ± 0.103 $\chi^2/\text{NDF}: 18896.5/49$

All: -46.656 ± 0.073 $\chi^2/\text{NDF}: 40279.9/101$

- sign -46.785 ± 0.103 $\chi^2/\text{NDF}: 21380.3/51$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.016 ± 0.334 χ^2/NDF : 281.4/24

Left Out: 0.787 ± 0.096 χ^2/NDF : 3746.7/24

Right Out: 1.924 ± 0.336 χ^2/NDF : 348.8/28

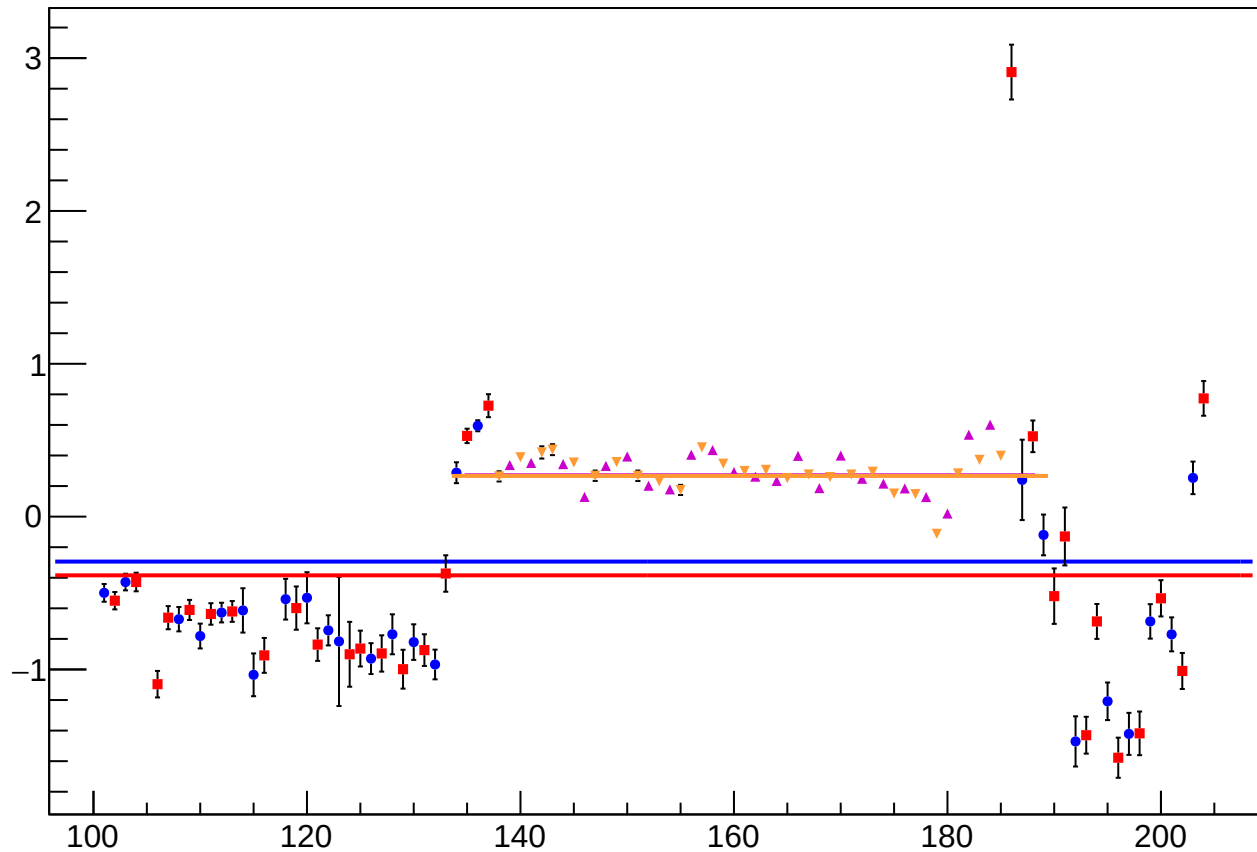
Left In: 0.791 ± 0.096 χ^2/NDF : 2697.7/22

+ sign 0.880 ± 0.092 χ^2/NDF : 4040.6/49

All: 0.878 ± 0.065 χ^2/NDF : 7097.7/101

- sign 0.877 ± 0.092 χ^2/NDF : 3057.0/51

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.294 ± 0.017 χ^2/NDF : 1204.9/24

Left Out: 0.266 ± 0.004 χ^2/NDF : 698.1/24

Right Out: -0.384 ± 0.017 χ^2/NDF : 1614.8/28

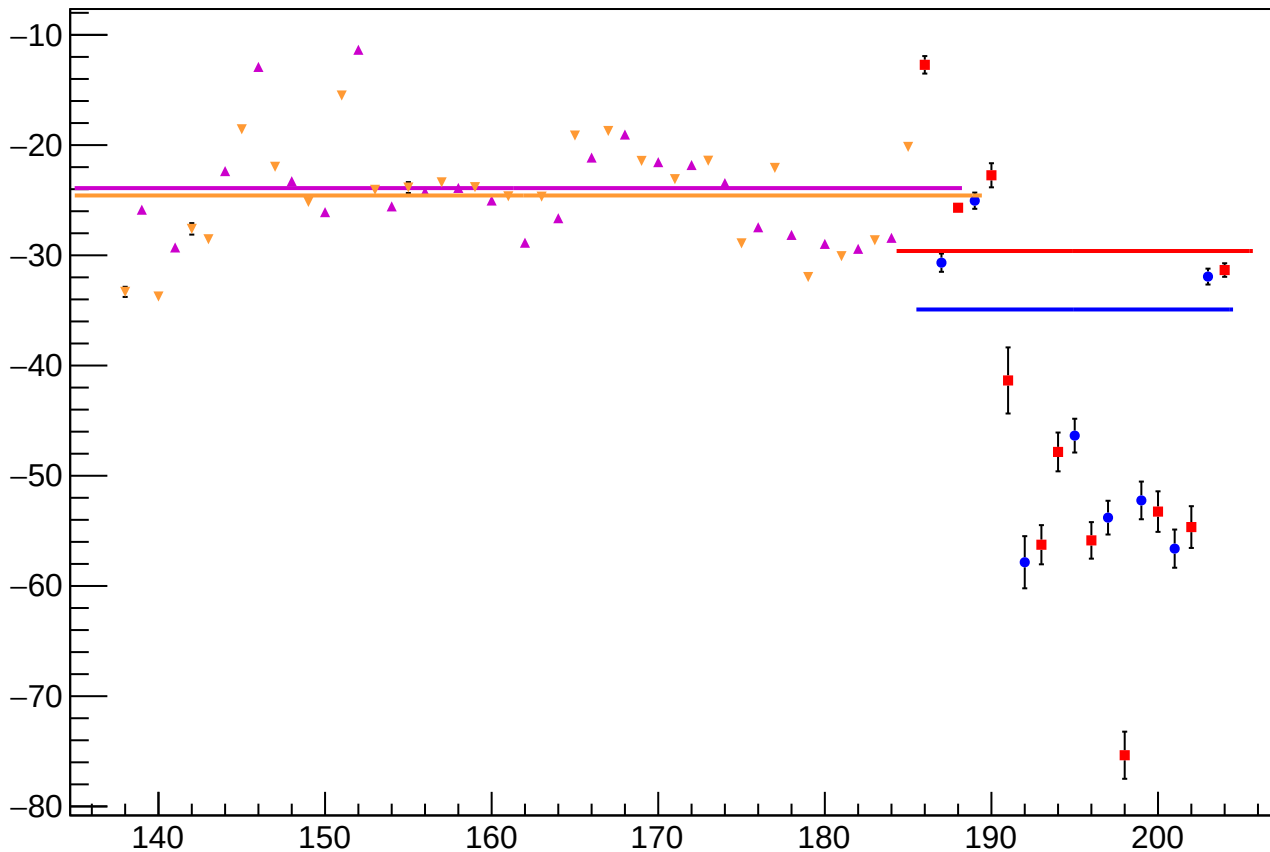
Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

+ sign 0.233 ± 0.004 χ^2/NDF : 2873.5/49

All: 0.231 ± 0.003 χ^2/NDF : 6838.2/101

- sign 0.230 ± 0.004 χ^2/NDF : 3964.3/51

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -34.915 ± 0.380 χ^2/NDF : 785.0/7

Left Out: -24.571 ± 0.051 χ^2/NDF : 8610.0/24

Right Out: -29.609 ± 0.284 χ^2/NDF : 1979.1/10

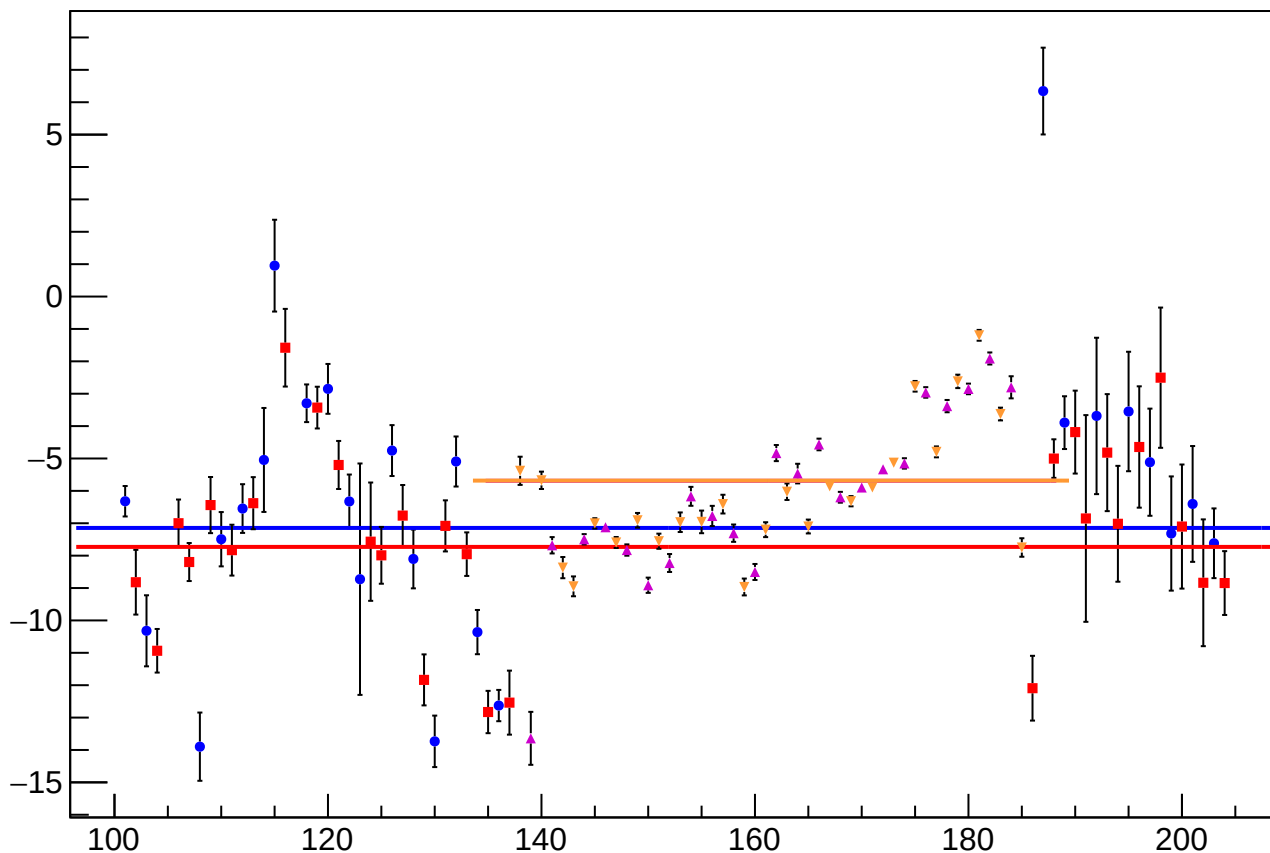
Left In: -23.902 ± 0.051 χ^2/NDF : 9158.9/22

+ sign -24.754 ± 0.051 χ^2/NDF : 10124.0/32

All: -24.413 ± 0.036 χ^2/NDF : 21742.4/66

- sign -24.079 ± 0.050 χ^2/NDF : 11528.2/33

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.144 ± 0.173 $\chi^2/\text{NDF}: 525.9/24$

Left Out: -5.683 ± 0.041 $\chi^2/\text{NDF}: 2231.0/24$

Right Out: -7.730 ± 0.166 $\chi^2/\text{NDF}: 287.5/28$

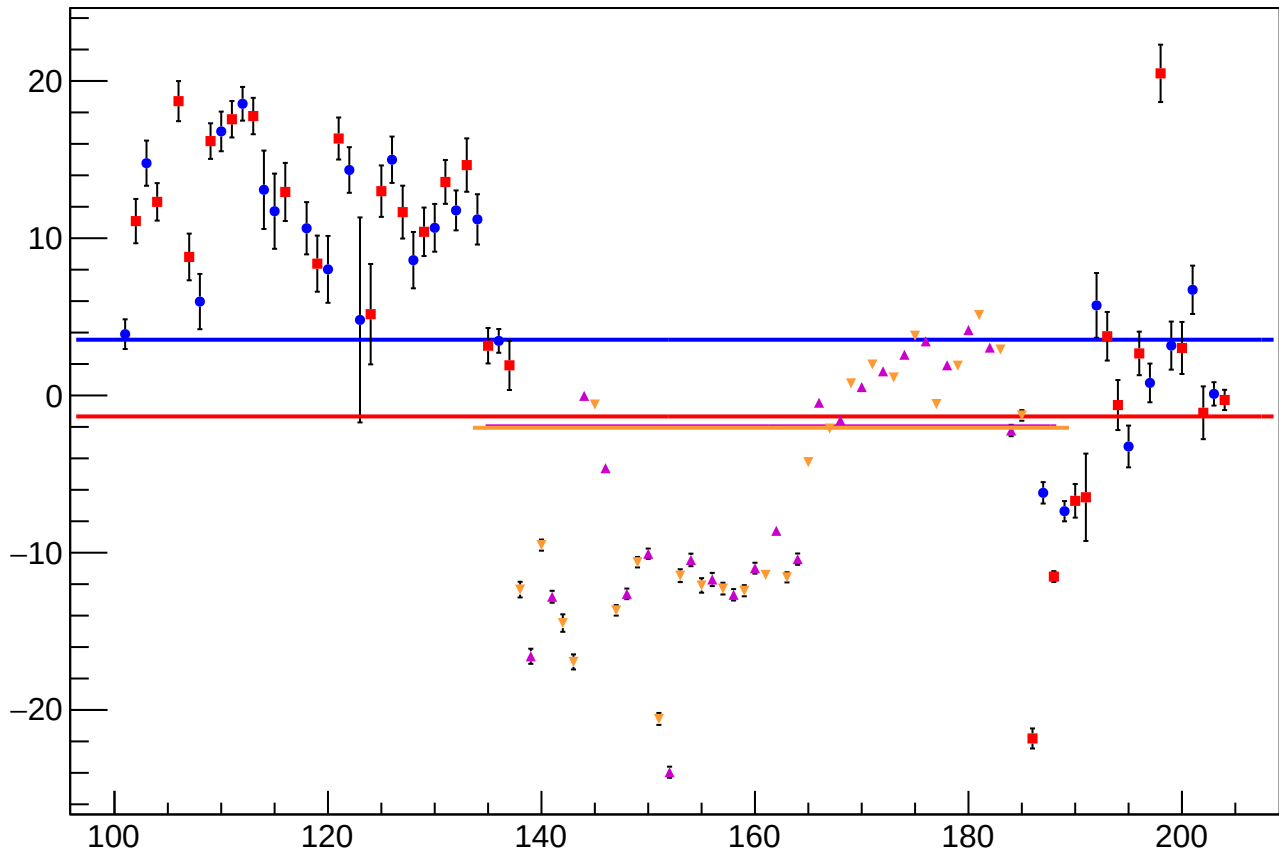
Left In: -5.690 ± 0.041 $\chi^2/\text{NDF}: 2328.2/22$

+ sign -5.761 ± 0.040 $\chi^2/\text{NDF}: 2824.4/49$

All: -5.783 ± 0.028 $\chi^2/\text{NDF}: 5582.7/101$

- sign -5.805 ± 0.039 $\chi^2/\text{NDF}: 2757.7/51$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 3.545 ± 0.239 $\chi^2/\text{NDF}: 1179.2/24$

Left Out: -2.055 ± 0.051 $\chi^2/\text{NDF}: 16042.5/24$

Right Out: -1.334 ± 0.198 $\chi^2/\text{NDF}: 4066.4/28$

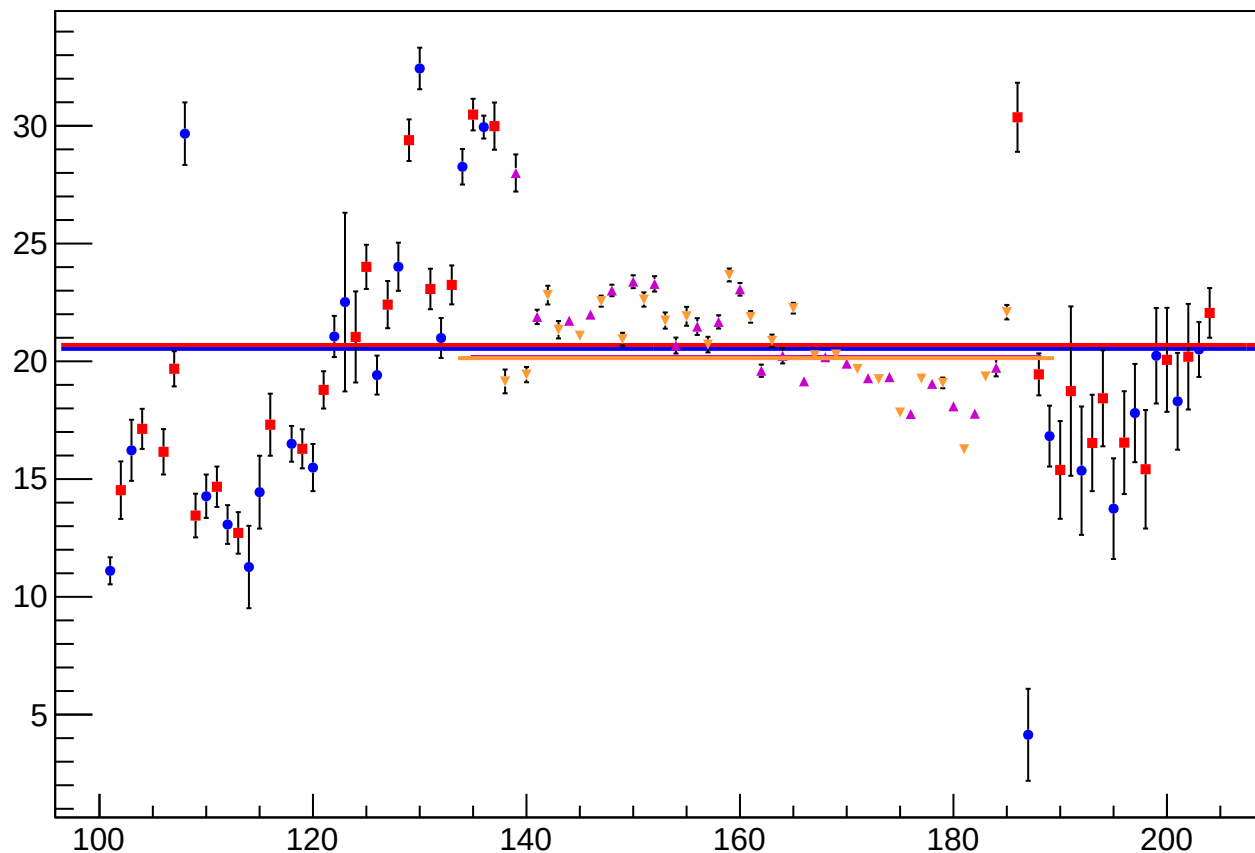
Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

+ sign -1.807 ± 0.050 $\chi^2/\text{NDF}: 17746.8/49$

All: -1.866 ± 0.035 $\chi^2/\text{NDF}: 37318.4/101$

- sign -1.924 ± 0.049 $\chi^2/\text{NDF}: 19568.8/51$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.529 $\pm$ 0.198 χ^2 /NDF: 1325.0/24

Left Out: 20.136 $\pm$ 0.046 χ^2 /NDF:1414.2/24

Right Out: 20.694 $\pm$ 0.195 χ^2 /NDF: 795.8/28

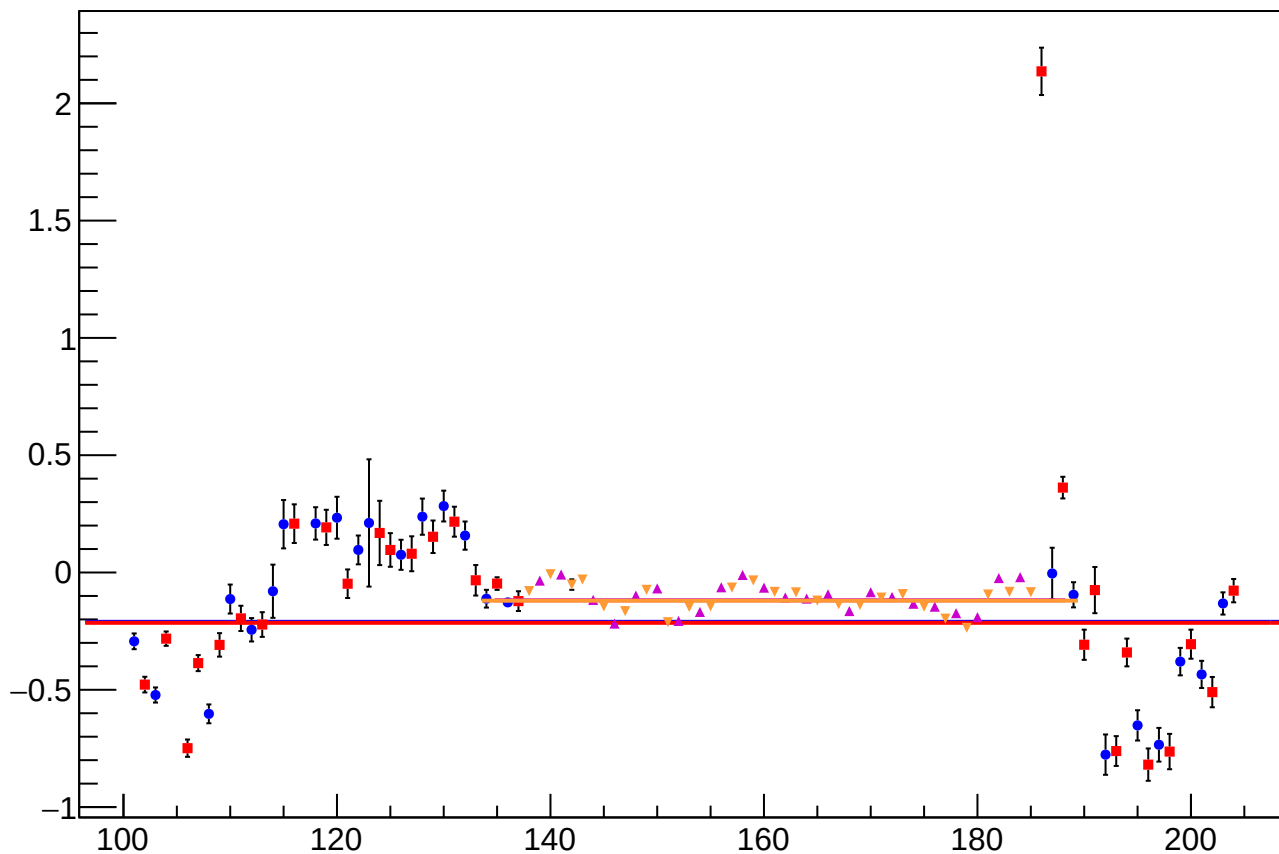
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF:1470.7/22

+ sign 20.156 $\pm$ 0.045 χ^2 /NDF: 2742.9/49

All: 20.184 $\pm$ 0.032 χ^2 /NDF: 5016.7/101

- sign 20.211 $\pm$ 0.045 χ^2 /NDF: 2273.0/51

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.210 ± 0.010 χ^2/NDF : 653.6/24

Left Out: -0.120 ± 0.002 χ^2/NDF : 532.4/24

Right Out: -0.214 ± 0.010 χ^2/NDF : 1476.6/28

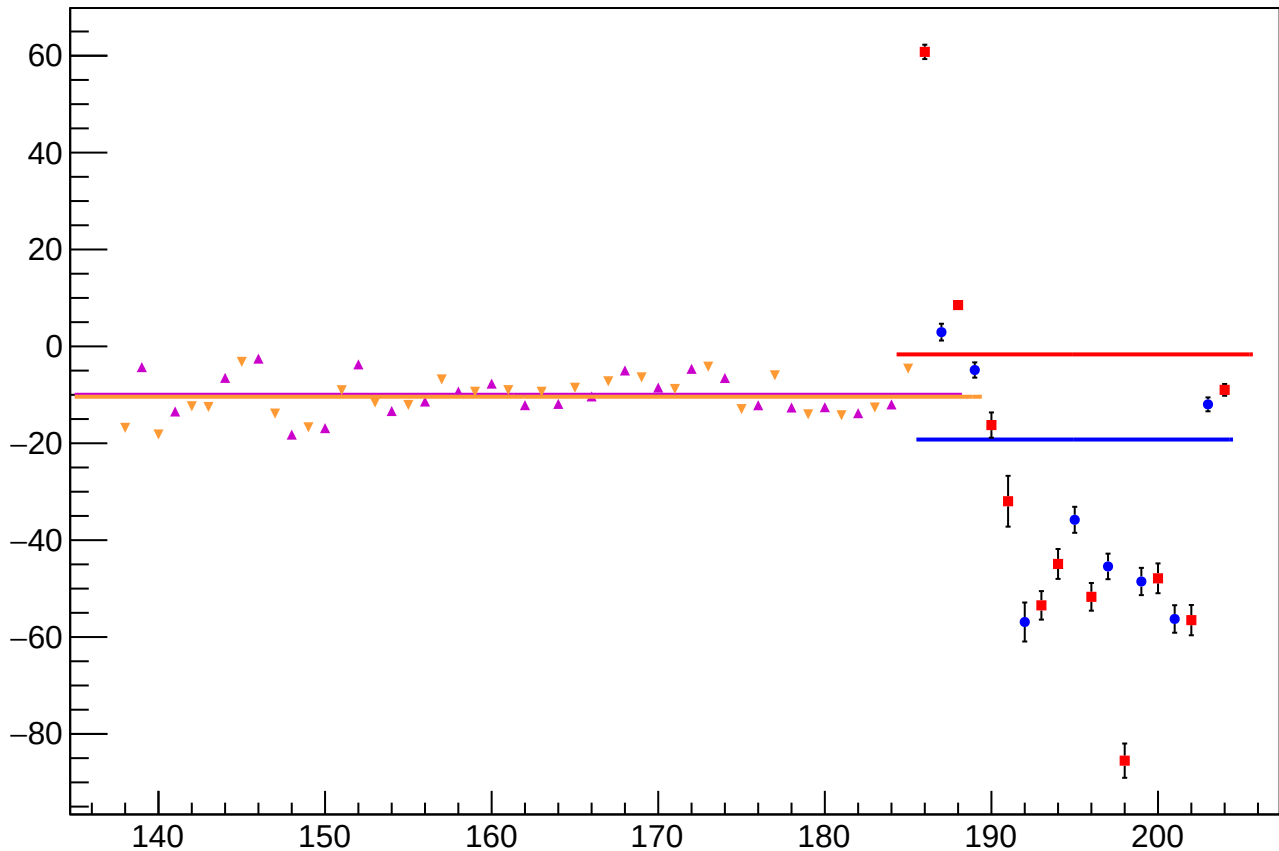
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.124 ± 0.002 χ^2/NDF : 1264.1/49

All: -0.123 ± 0.001 χ^2/NDF : 3565.4/101

- sign -0.123 ± 0.002 χ^2/NDF : 2301.2/51

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -19.227 ± 0.742 $\chi^2/\text{NDF}: 775.4/7$

Left Out: -10.392 ± 0.088 $\chi^2/\text{NDF}: 2112.5/24$

Right Out: -1.655 ± 0.551 $\chi^2/\text{NDF}: 3915.4/10$

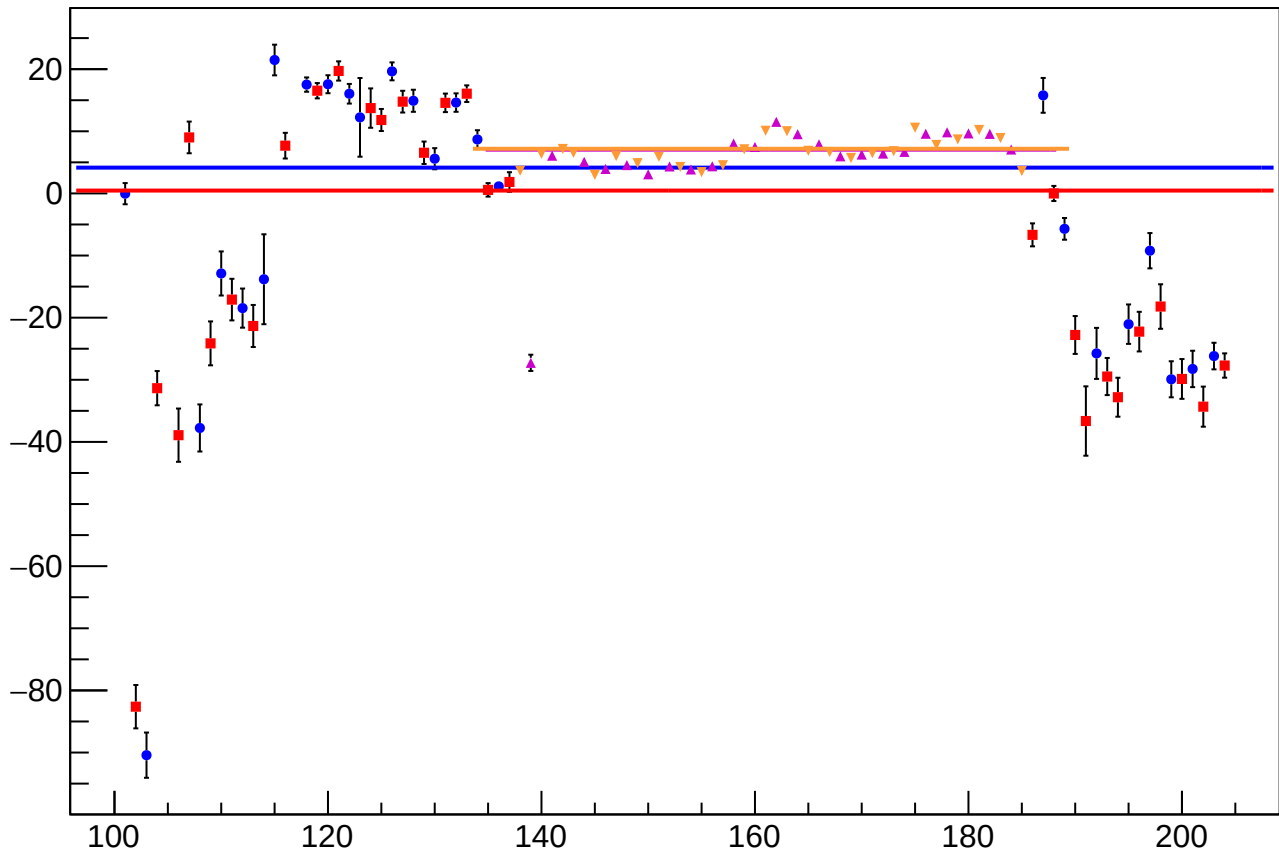
Left In: -9.990 ± 0.089 $\chi^2/\text{NDF}: 1794.2/22$

+ sign -10.514 ± 0.087 $\chi^2/\text{NDF}: 3027.7/32$

All: -10.149 ± 0.062 $\chi^2/\text{NDF}: 8995.9/66$

- sign -9.777 ± 0.088 $\chi^2/\text{NDF}: 5932.8/33$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 4.150 $\pm$ 0.369 χ^2 /NDF: 2086.0/24

Left Out: 7.187 $\pm$ 0.074 χ^2 /NDF: 916.3/24

Right Out: 0.459 $\pm$ 0.371 χ^2 /NDF: 2433.8/28

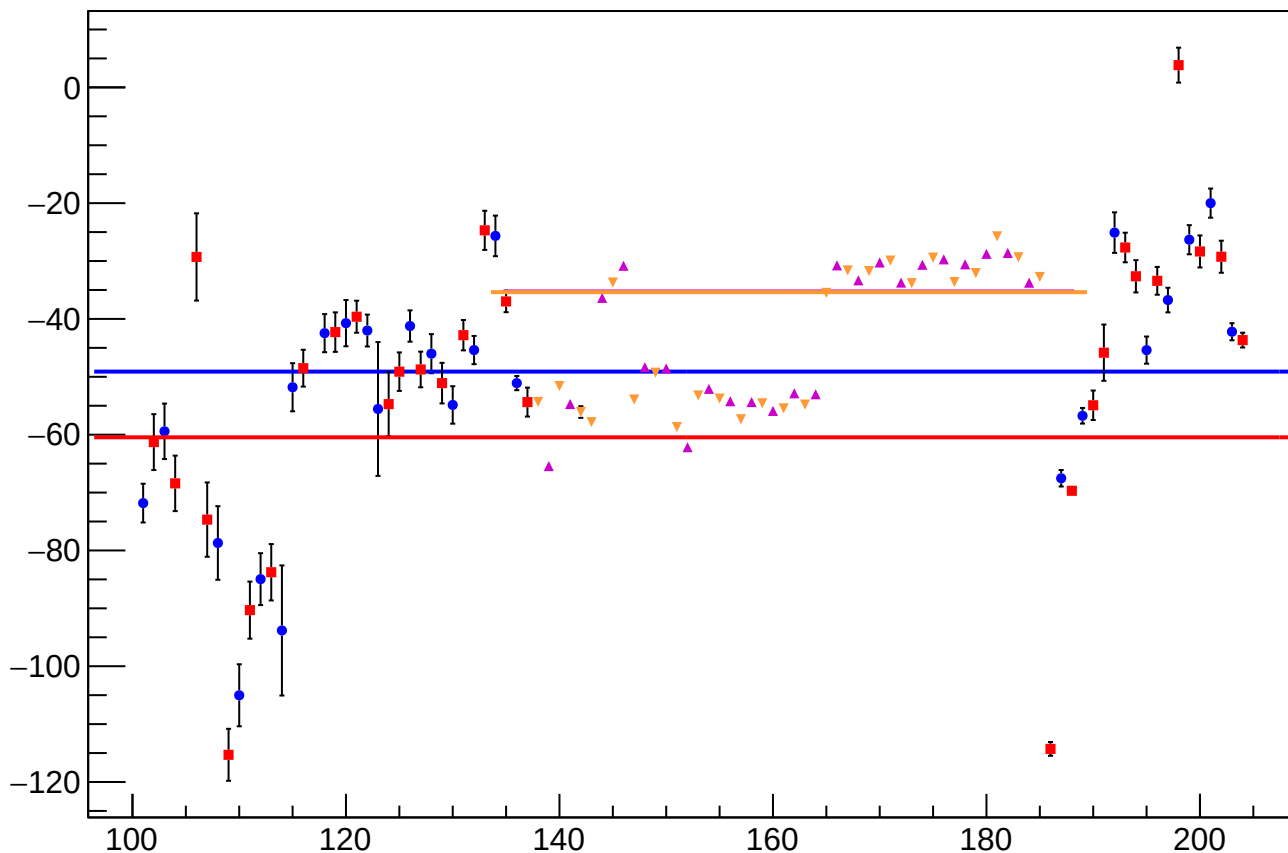
Left In: 7.043 $\pm$ 0.074 χ^2 /NDF: 1604.6/22

+ sign 7.071 $\pm$ 0.072 χ^2 /NDF: 3067.6/49

All: 6.932 $\pm$ 0.051 χ^2 /NDF: 7415.8/101

- sign 6.792 $\pm$ 0.073 χ^2 /NDF: 4340.8/51

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -49.101 ± 0.492 χ^2/NDF : 859.0/24

Left Out: -35.377 ± 0.089 χ^2/NDF : 12628.3/24

Right Out: -60.454 ± 0.408 χ^2/NDF : 4213.1/28

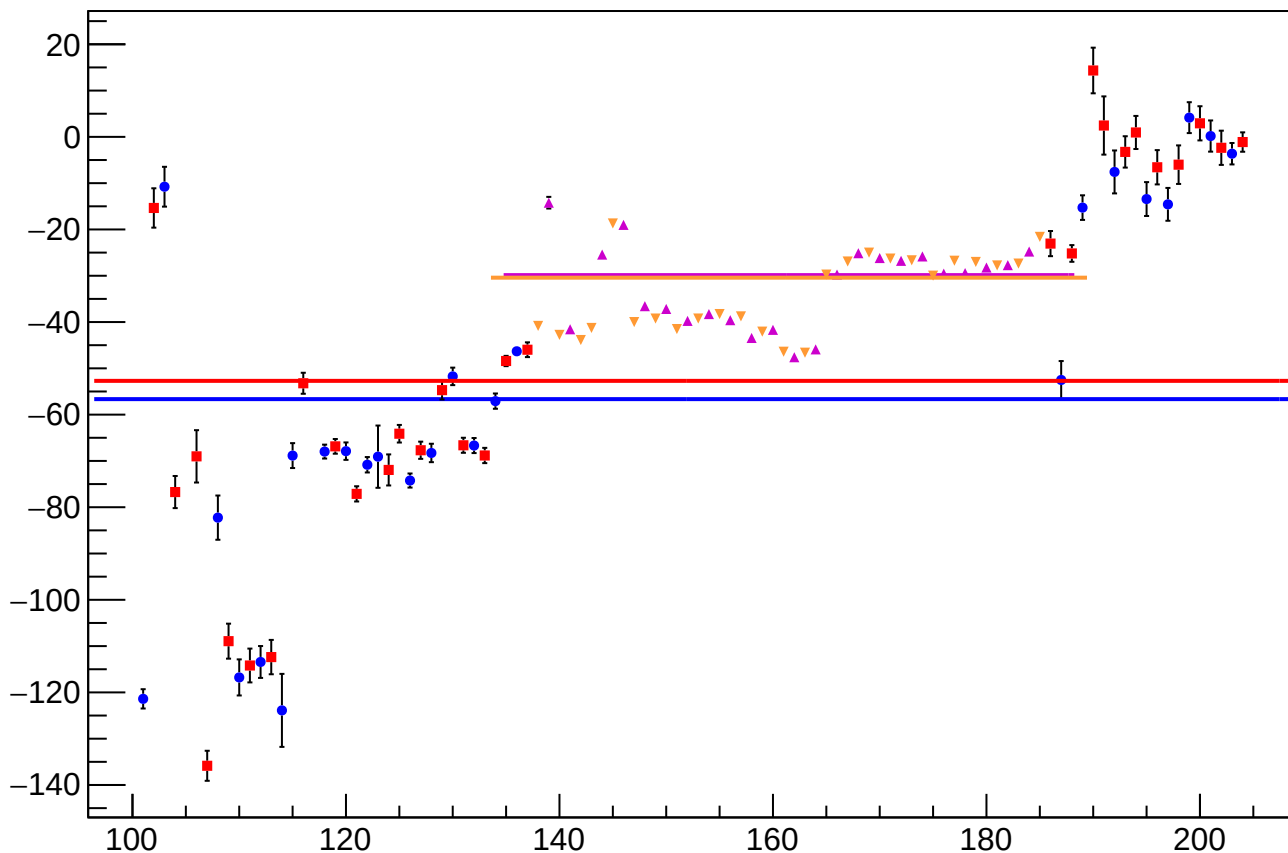
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.813 ± 0.088 χ^2/NDF : 14242.0/49

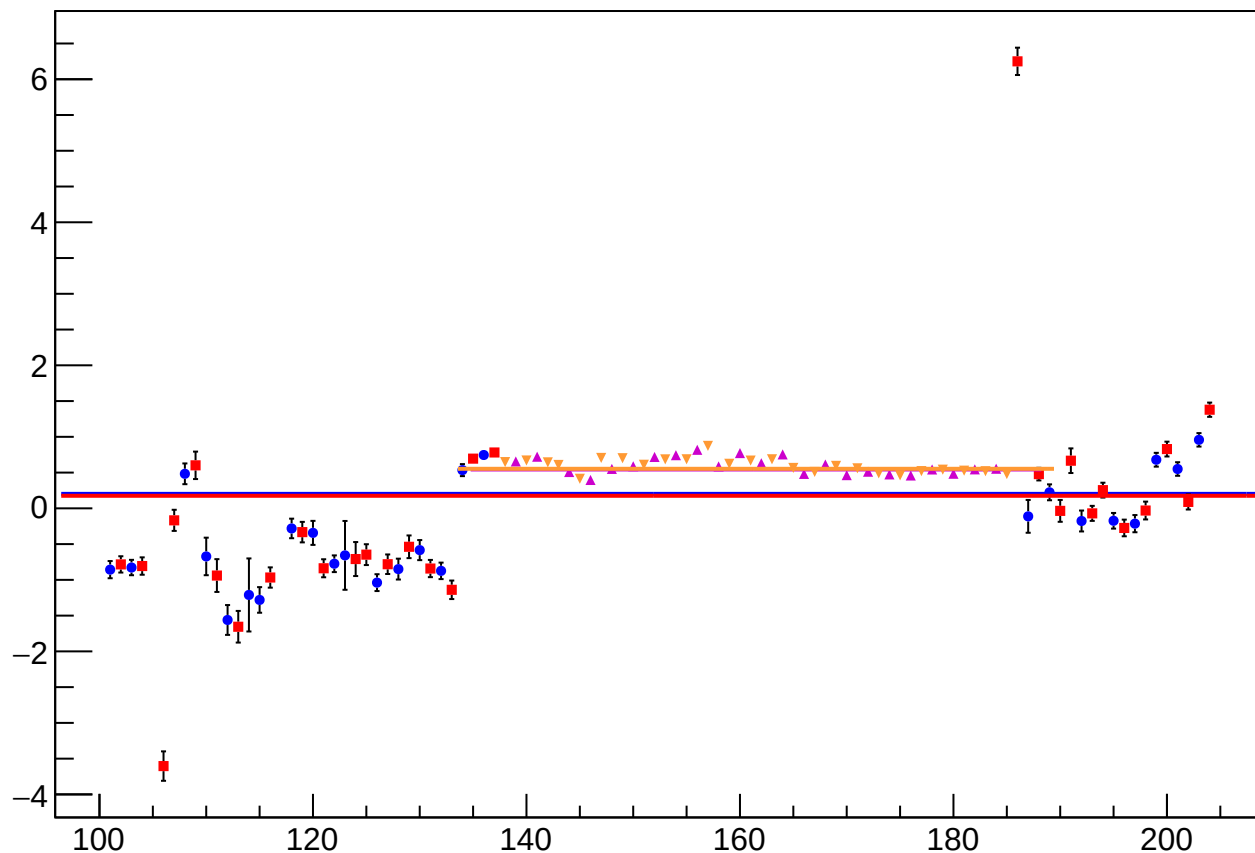
All: -36.117 ± 0.062 χ^2/NDF : 33879.8/101

- sign -36.422 ± 0.088 χ^2/NDF : 19613.7/51

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.021 $\chi^2/\text{NDF}: 1129.7/24$

Left Out: 0.553 ± 0.004 $\chi^2/\text{NDF}: 542.9/24$

Right Out: 0.176 ± 0.021 $\chi^2/\text{NDF}: 2466.2/28$

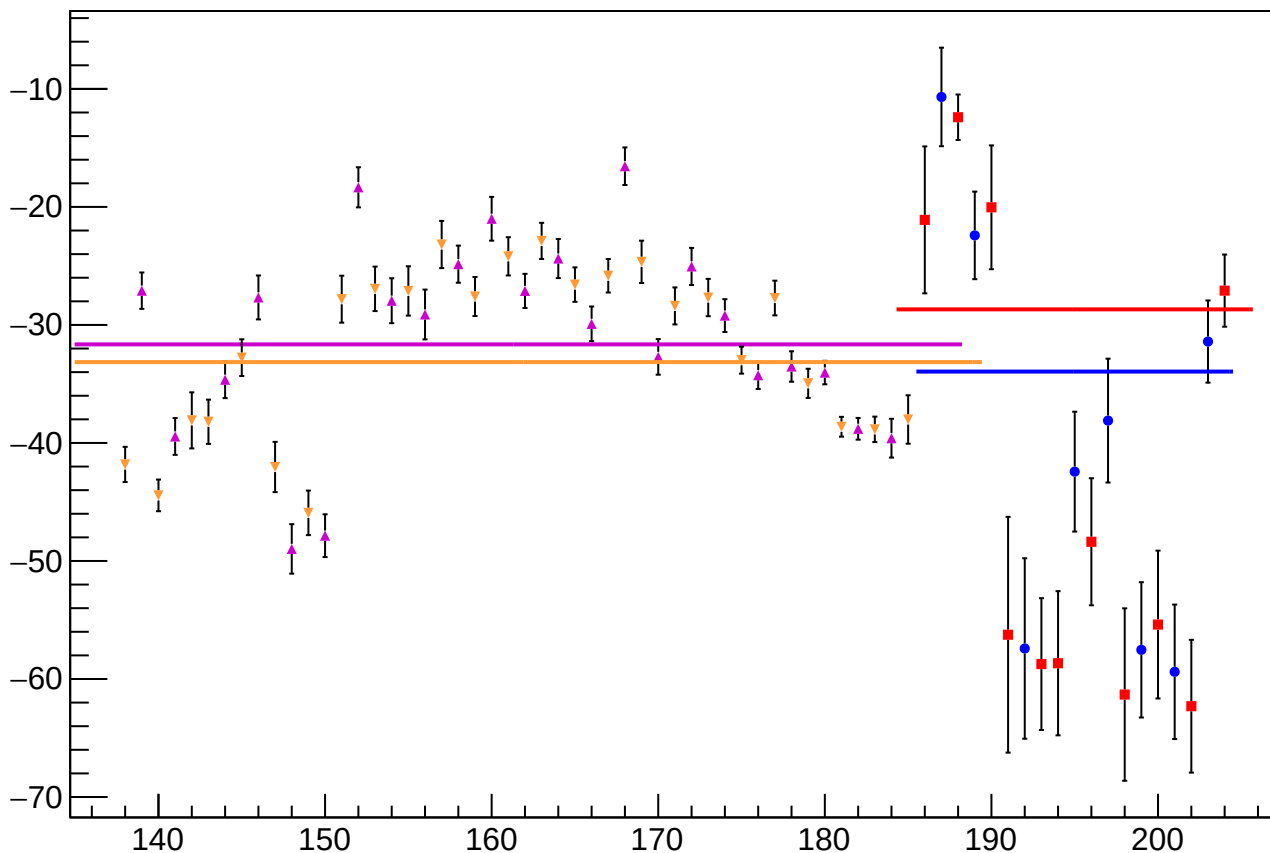
Left In: 0.544 ± 0.004 $\chi^2/\text{NDF}: 659.2/22$

+ sign 0.542 ± 0.004 $\chi^2/\text{NDF}: 1954.7/49$

All: 0.537 ± 0.003 $\chi^2/\text{NDF}: 5383.4/101$

- sign 0.532 ± 0.004 $\chi^2/\text{NDF}: 3425.1/51$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -33.952 ± 1.653 χ^2/NDF : 91.0/7

Left Out: -33.148 ± 0.301 χ^2/NDF : 500.0/24

Right Out: -28.681 ± 1.272 χ^2/NDF : 224.0/10

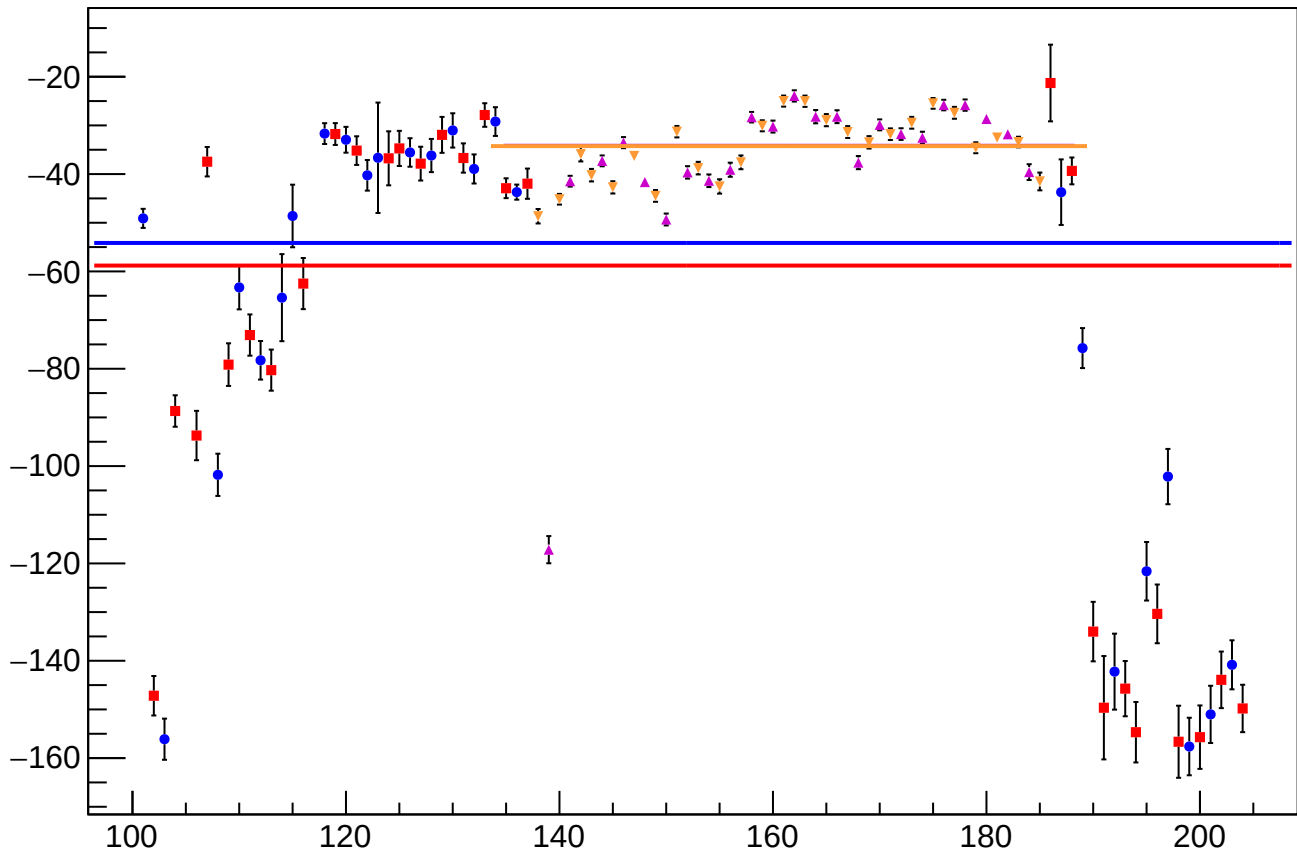
Left In: -31.647 ± 0.308 χ^2/NDF : 546.9/22

+ sign -33.174 ± 0.296 χ^2/NDF : 591.2/32

All: -32.337 ± 0.210 χ^2/NDF : 1383.4/66

- sign -31.483 ± 0.299 χ^2/NDF : 776.0/33

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -54.150 ± 0.679 $\chi^2/\text{NDF}: 2430.6/24$

Left Out: -34.256 ± 0.242 $\chi^2/\text{NDF}: 693.3/24$

Right Out: -58.800 ± 0.691 $\chi^2/\text{NDF}: 3254.0/28$

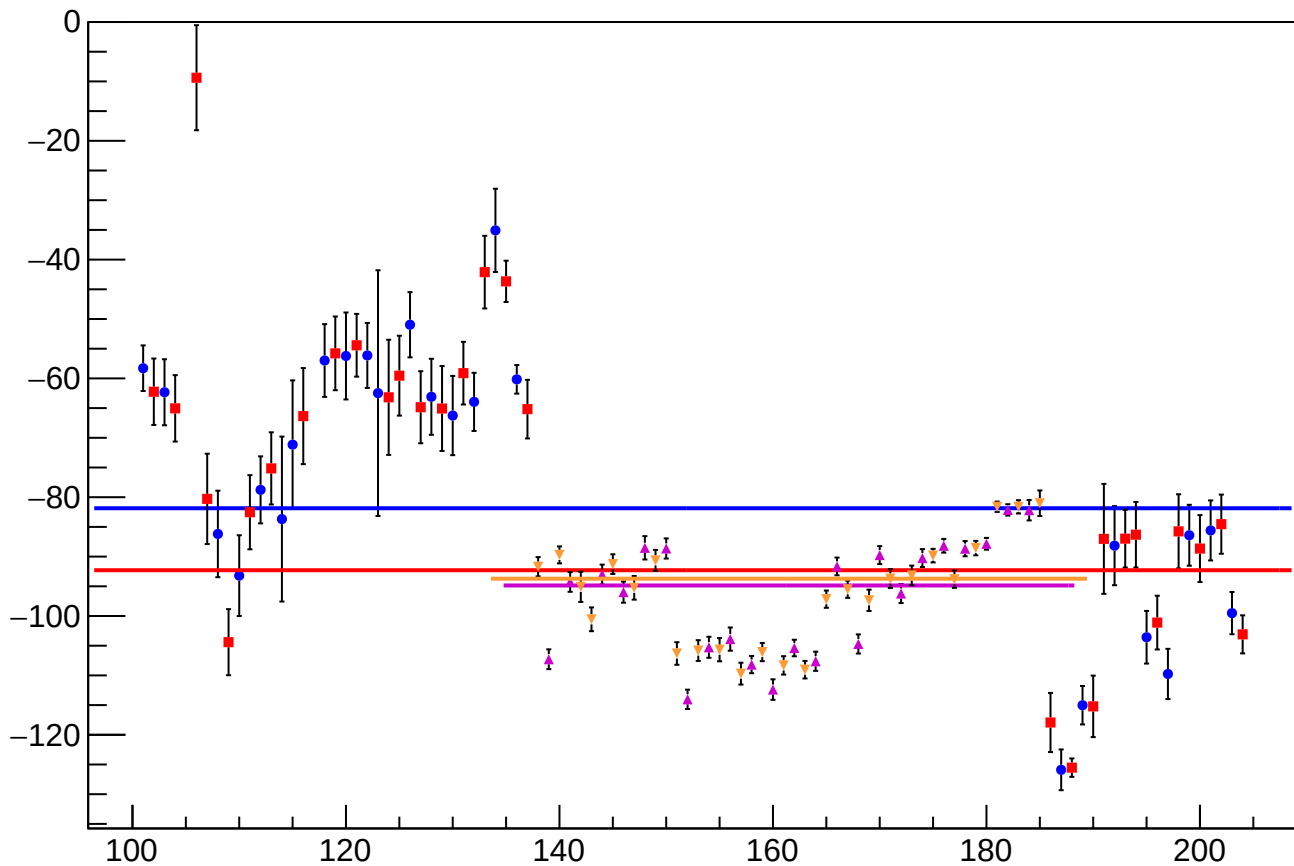
Left In: -34.189 ± 0.250 $\chi^2/\text{NDF}: 1546.1/22$

+ sign -36.499 ± 0.228 $\chi^2/\text{NDF}: 3885.0/49$

All: -36.760 ± 0.164 $\chi^2/\text{NDF}: 9808.3/101$

- sign -37.039 ± 0.235 $\chi^2/\text{NDF}: 5920.5/51$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -81.858 ± 0.977 χ^2/NDF : 655.6/24

Left Out: -93.719 ± 0.302 χ^2/NDF : 878.2/24

Right Out: -92.292 ± 0.862 χ^2/NDF : 1182.2/28

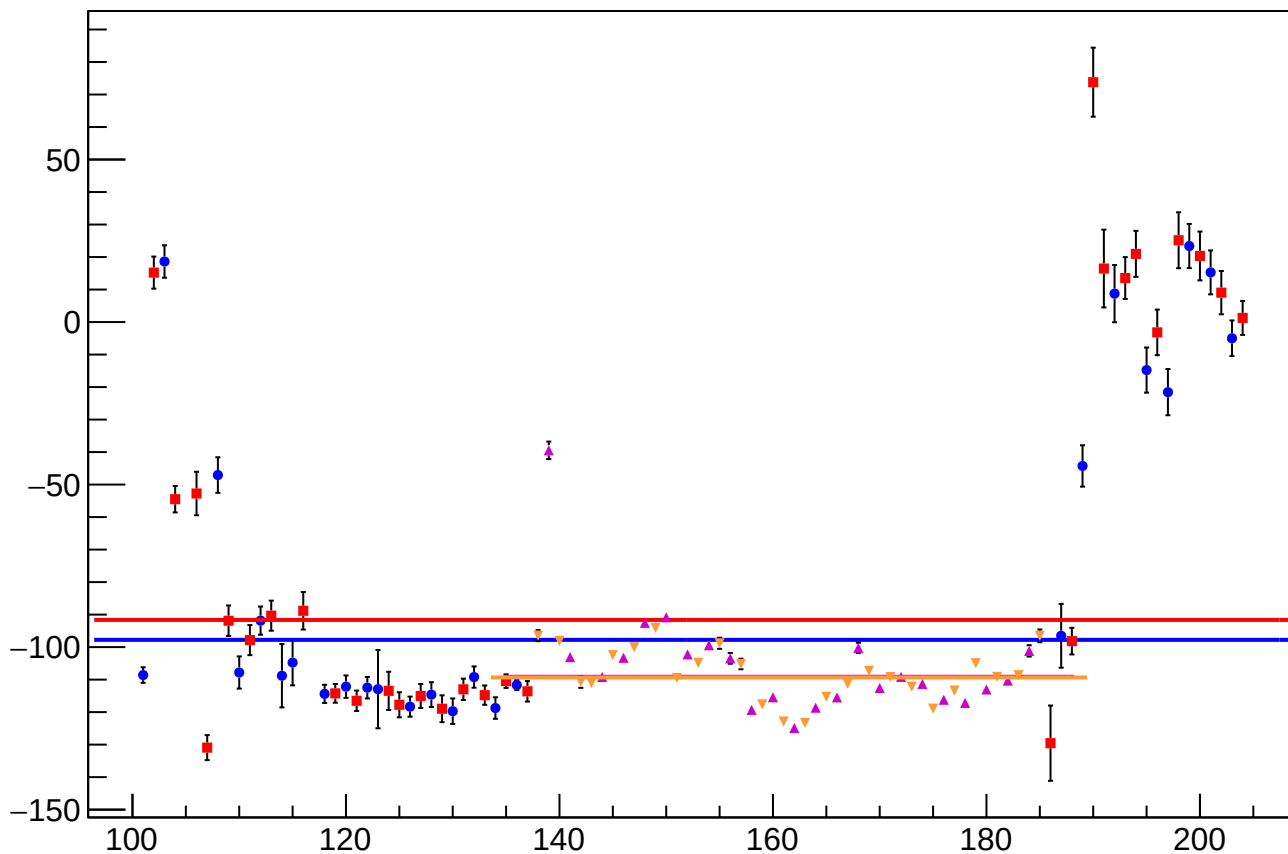
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.682 ± 0.289 χ^2/NDF : 1668.4/49

All: -93.624 ± 0.204 χ^2/NDF : 3865.4/101

- sign -94.571 ± 0.289 χ^2/NDF : 2175.6/51

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -97.767 ± 0.770 χ^2/NDF : 2319.0/24

Left Out: -109.338 ± 0.272 χ^2/NDF : 826.2/24

Right Out: -91.641 ± 0.794 χ^2/NDF : 3161.7/28

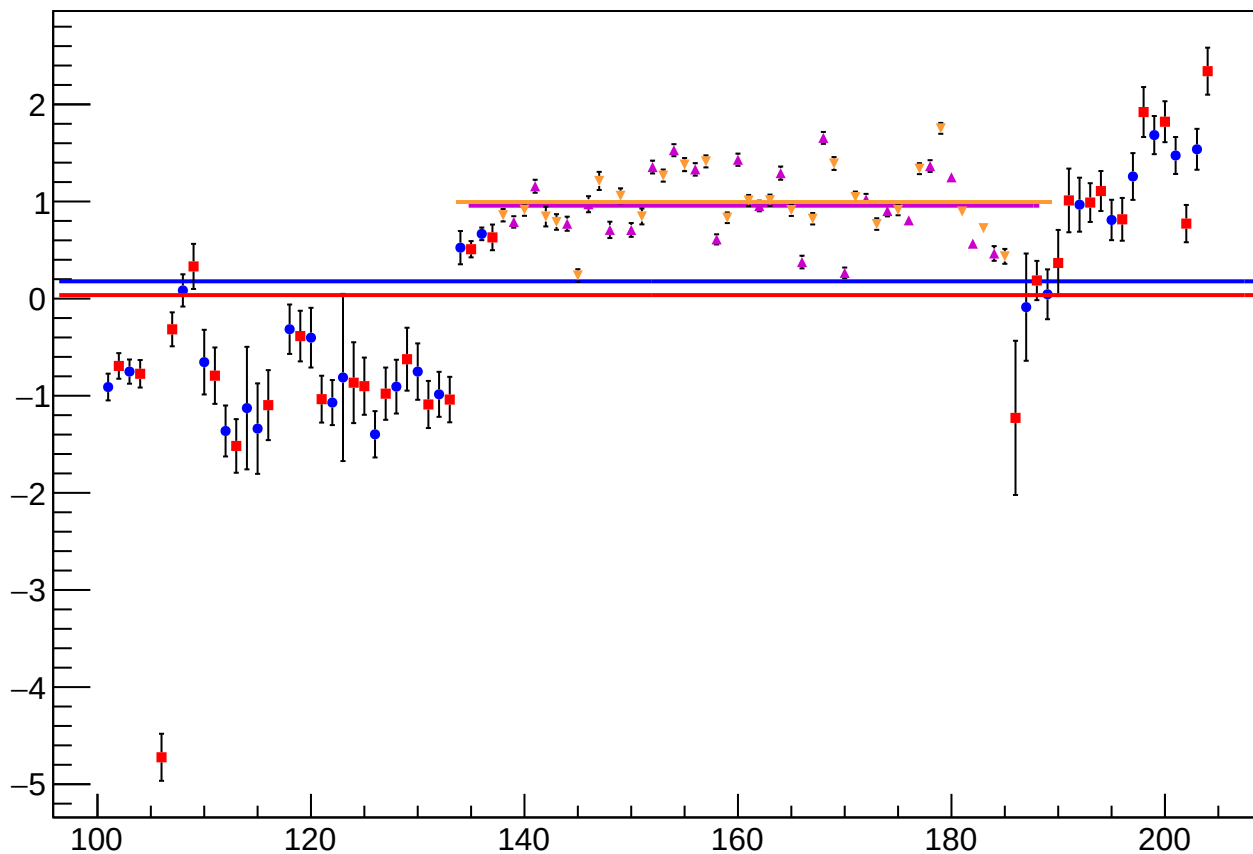
Left In: -109.126 ± 0.279 χ^2/NDF : 1578.7/22

+ sign -108.057 ± 0.256 χ^2/NDF : 3345.8/49

All: -107.642 ± 0.184 χ^2/NDF : 8522.7/101

- sign -107.205 ± 0.263 χ^2/NDF : 5171.5/51

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.178 ± 0.038 χ^2/NDF : 551.4/24

Left Out: 0.995 ± 0.012 χ^2/NDF : 635.3/24

Right Out: 0.036 ± 0.037 χ^2/NDF : 961.2/28

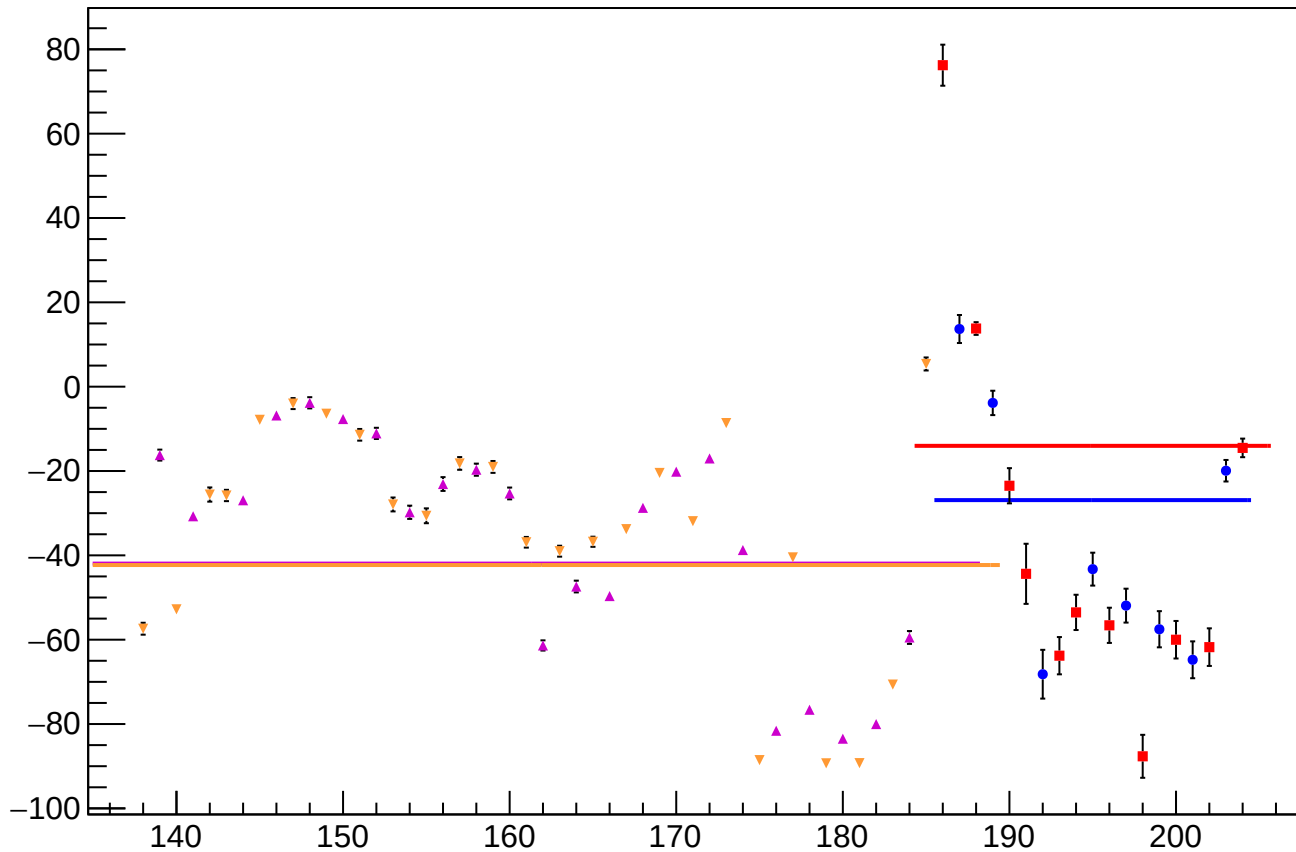
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.914 ± 0.012 χ^2/NDF : 1613.3/49

All: 0.889 ± 0.008 χ^2/NDF : 4021.5/101

- sign 0.863 ± 0.012 χ^2/NDF : 2399.2/51

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -26.901 ± 1.262 $\chi^2/\text{NDF}: 453.5/7$

Left Out: -42.295 ± 0.222 $\chi^2/\text{NDF}: 18267.5/24$

Right Out: -14.029 ± 0.967 $\chi^2/\text{NDF}: 1457.9/10$

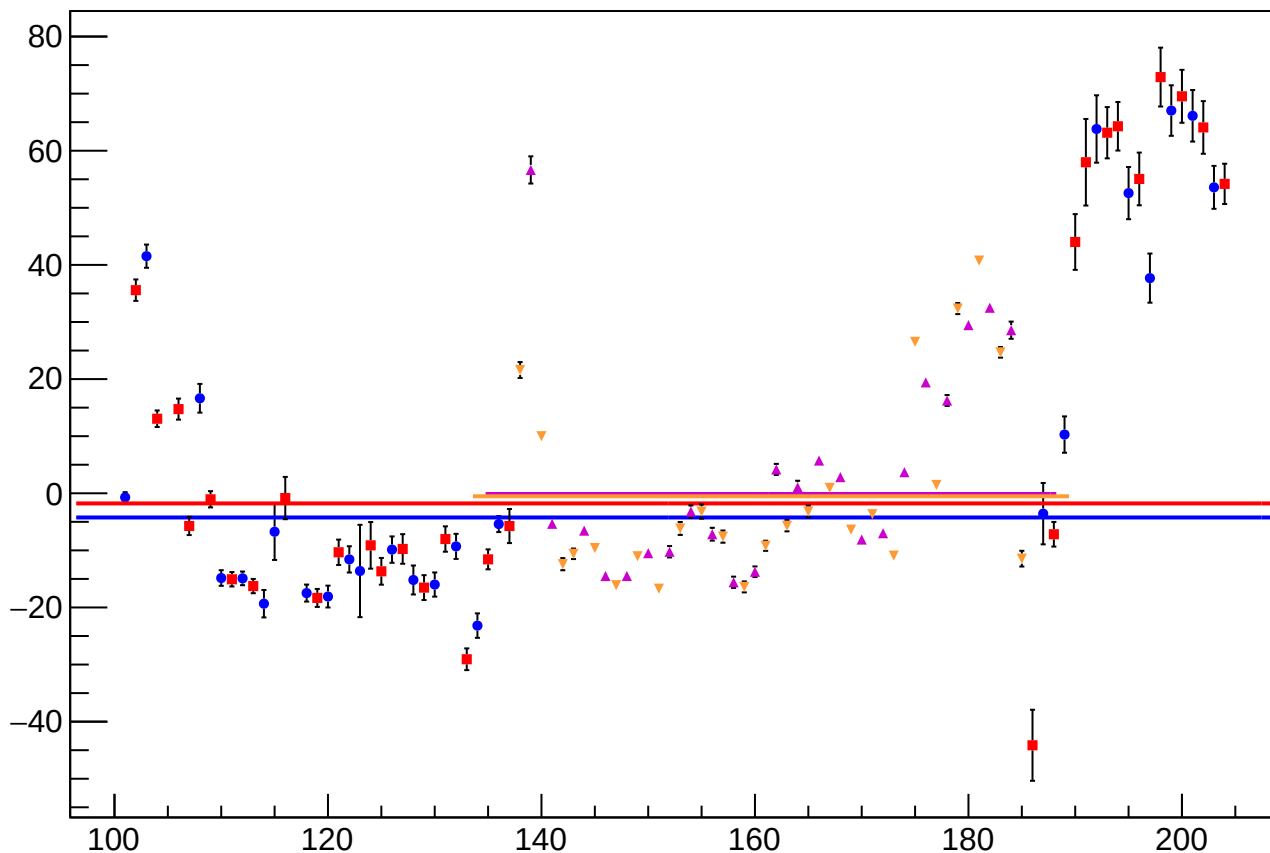
Left In: -41.955 ± 0.226 $\chi^2/\text{NDF}: 14723.4/22$

+ sign -41.831 ± 0.219 $\chi^2/\text{NDF}: 18865.4/32$

All: -41.173 ± 0.155 $\chi^2/\text{NDF}: 35856.2/66$

- sign -40.508 ± 0.220 $\chi^2/\text{NDF}: 16972.6/33$

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -4.237 ± 0.411 χ^2/NDF : 2194.9/24

Left Out: -0.527 ± 0.175 χ^2/NDF : 8707.9/24

Right Out: -1.775 ± 0.406 χ^2/NDF : 2994.7/28

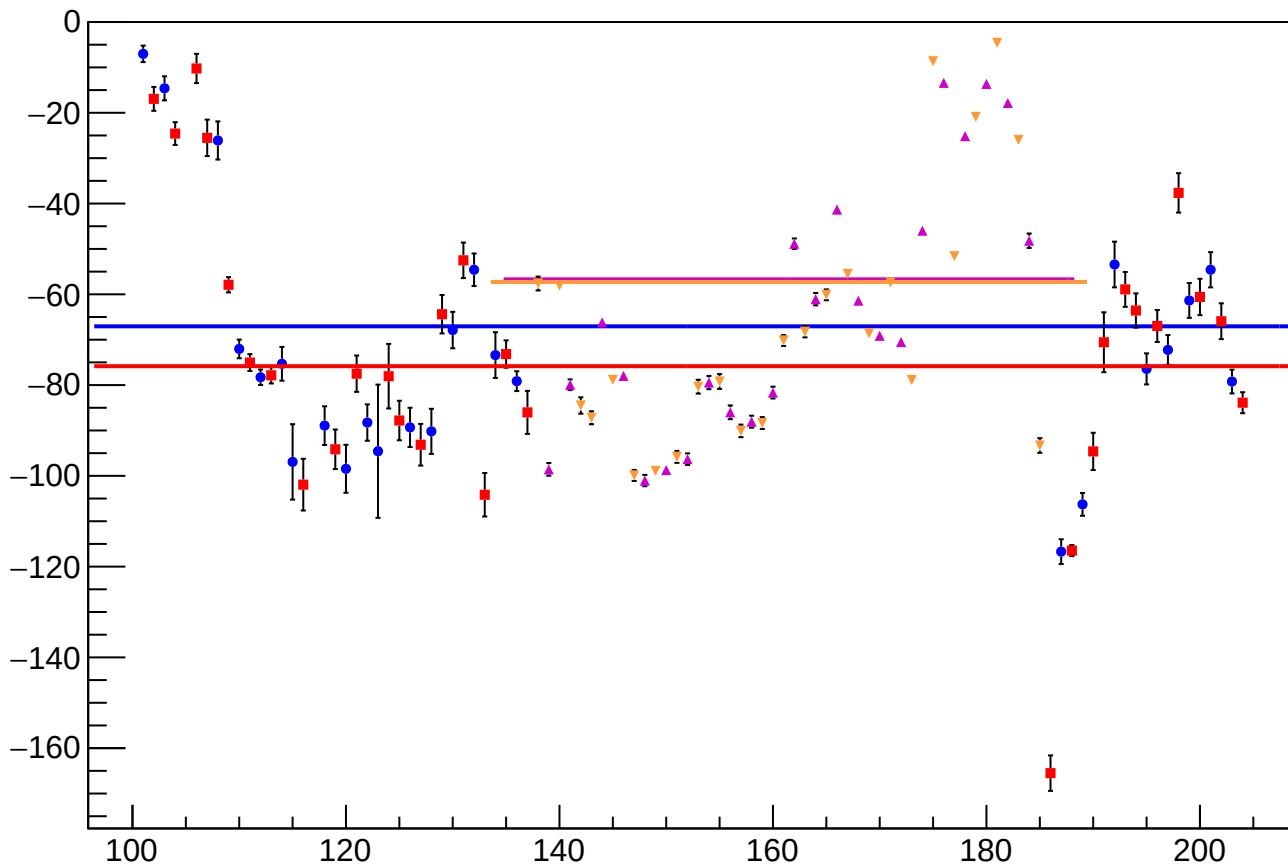
Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

+ sign -1.094 ± 0.161 χ^2/NDF : 10971.8/49

All: -0.749 ± 0.115 χ^2/NDF : 20914.7/101

- sign -0.392 ± 0.163 χ^2/NDF : 9933.6/51

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -67.051 ± 0.620 χ^2/NDF : 2456.6/24

Left Out: -57.276 ± 0.224 χ^2/NDF : 18511.1/24

Right Out: -75.834 ± 0.542 χ^2/NDF : 3557.1/28

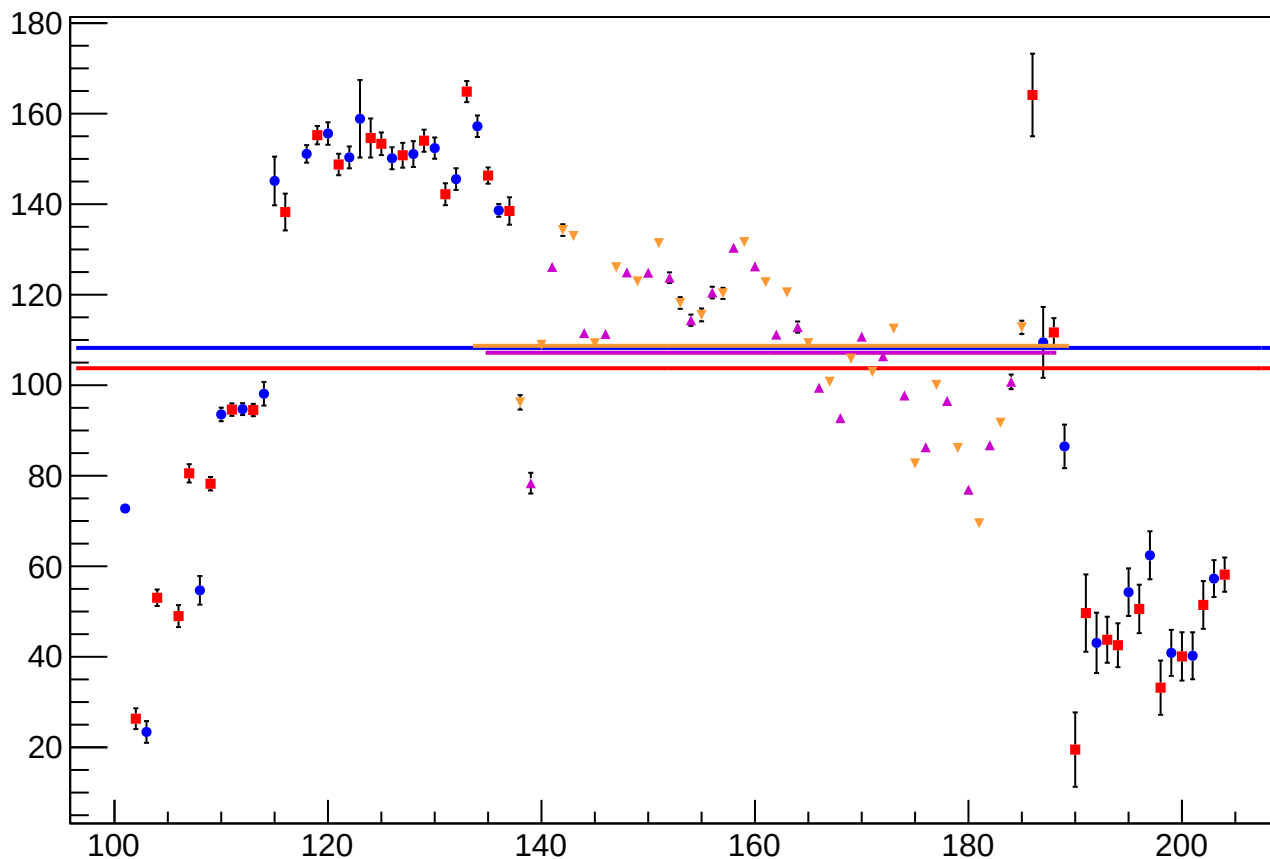
Left In: -56.705 ± 0.226 χ^2/NDF : 16547.5/22

+ sign -58.400 ± 0.210 χ^2/NDF : 21187.6/49

All: -58.974 ± 0.148 χ^2/NDF : 42367.8/101

- sign -59.539 ± 0.209 χ^2/NDF : 21165.5/51

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 108.245 ± 0.471 $\chi^2/\text{NDF}: 6806.9/24$

Left Out: 108.709 ± 0.198 $\chi^2/\text{NDF}: 7297.0/24$

Right Out: 103.754 ± 0.466 $\chi^2/\text{NDF}: 8010.3/28$

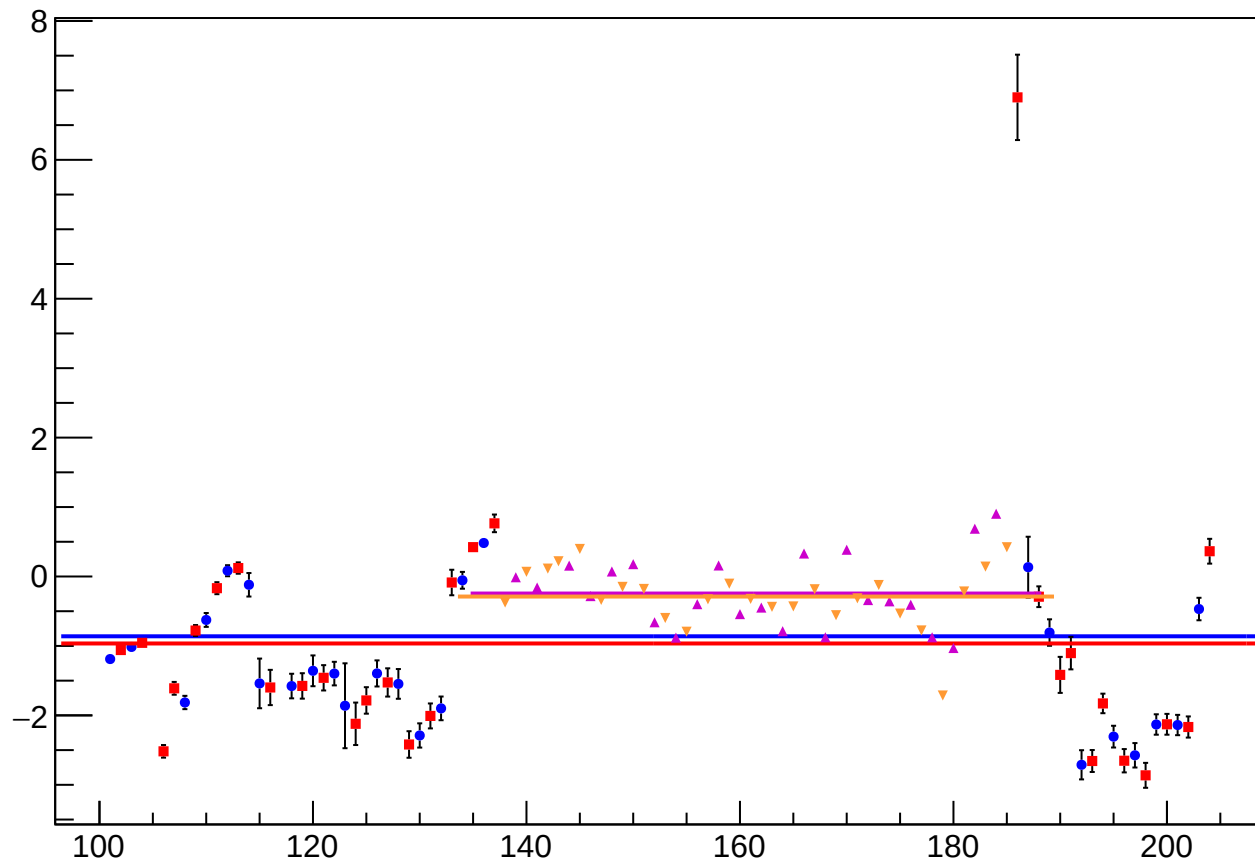
Left In: 107.180 ± 0.202 $\chi^2/\text{NDF}: 5592.3/22$

+ sign 108.639 ± 0.182 $\chi^2/\text{NDF}: 14104.7/49$

All: 107.654 ± 0.130 $\chi^2/\text{NDF}: 27812.2/101$

- sign 106.639 ± 0.185 $\chi^2/\text{NDF}: 13648.2/51$

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.861 ± 0.024 χ^2/NDF : 1455.1/24

Left Out: -0.289 ± 0.009 χ^2/NDF : 2039.6/24

Right Out: -0.965 ± 0.022 χ^2/NDF : 2078.2/28

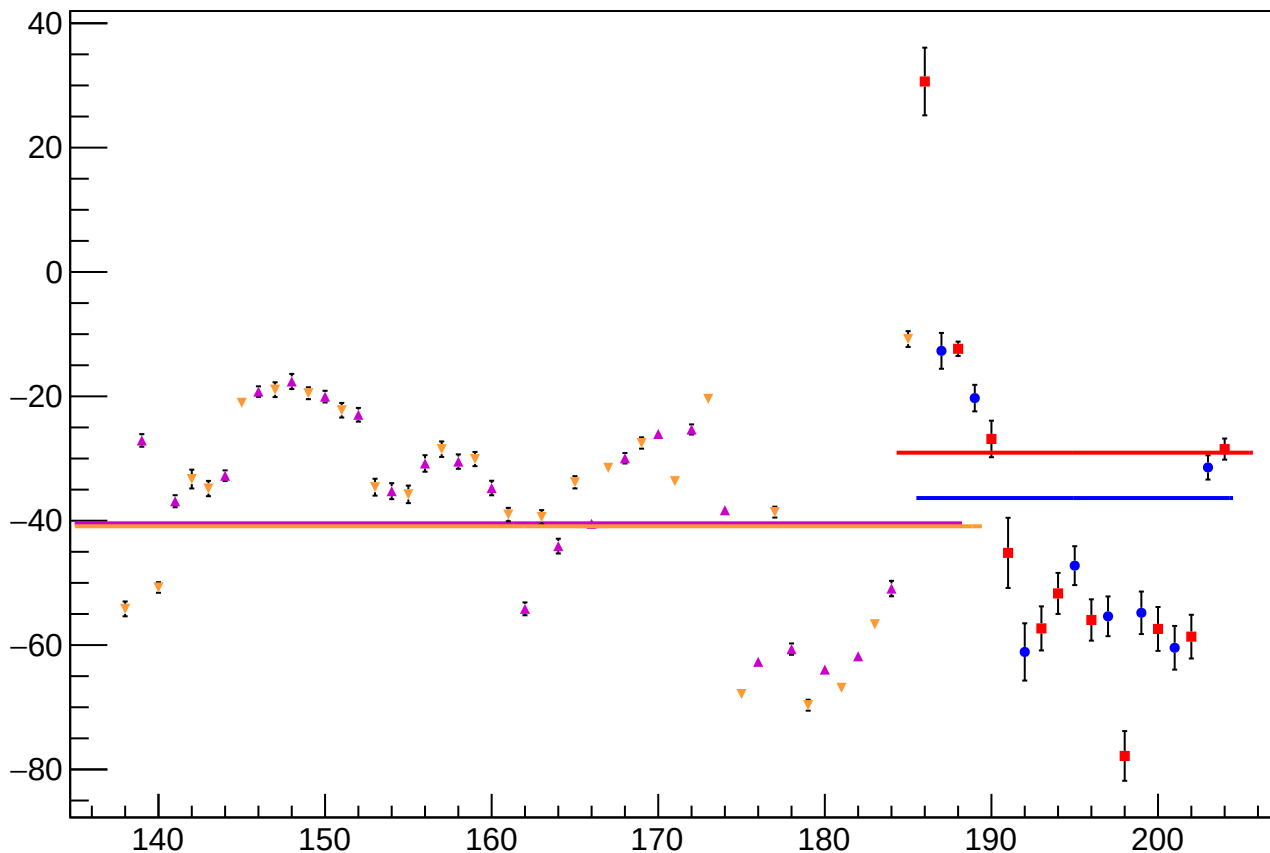
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.362 ± 0.008 χ^2/NDF : 3999.3/49

All: -0.356 ± 0.006 χ^2/NDF : 9776.1/101

- sign -0.351 ± 0.009 χ^2/NDF : 5775.9/51

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -36.355 ± 0.992 χ^2/NDF : 283.1/7

Left Out: -40.897 ± 0.186 χ^2/NDF : 9114.7/24

Right Out: -29.057 ± 0.753 χ^2/NDF : 798.8/10

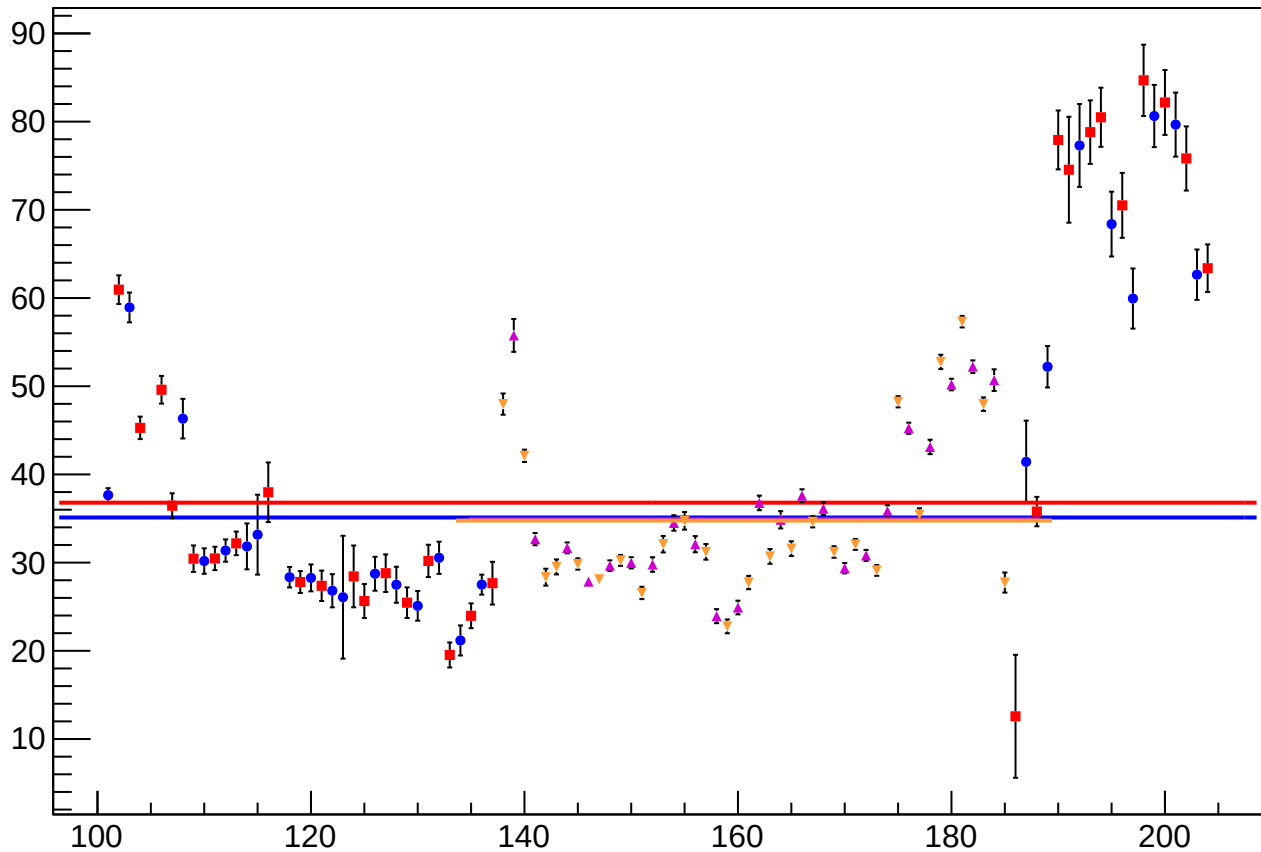
Left In: -40.422 ± 0.189 χ^2/NDF : 7030.2/22

+ sign -40.742 ± 0.183 χ^2/NDF : 9418.1/32

All: -40.245 ± 0.130 χ^2/NDF : 17476.1/66

- sign -39.749 ± 0.183 χ^2/NDF : 8043.4/33

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 35.116 $\pm$ 0.356 χ^2 /NDF: 1190.1/24

Left Out: 34.768 $\pm$ 0.148 χ^2 /NDF: 3677.3/24

Right Out: 36.798 $\pm$ 0.353 χ^2 /NDF: 1919.9/28

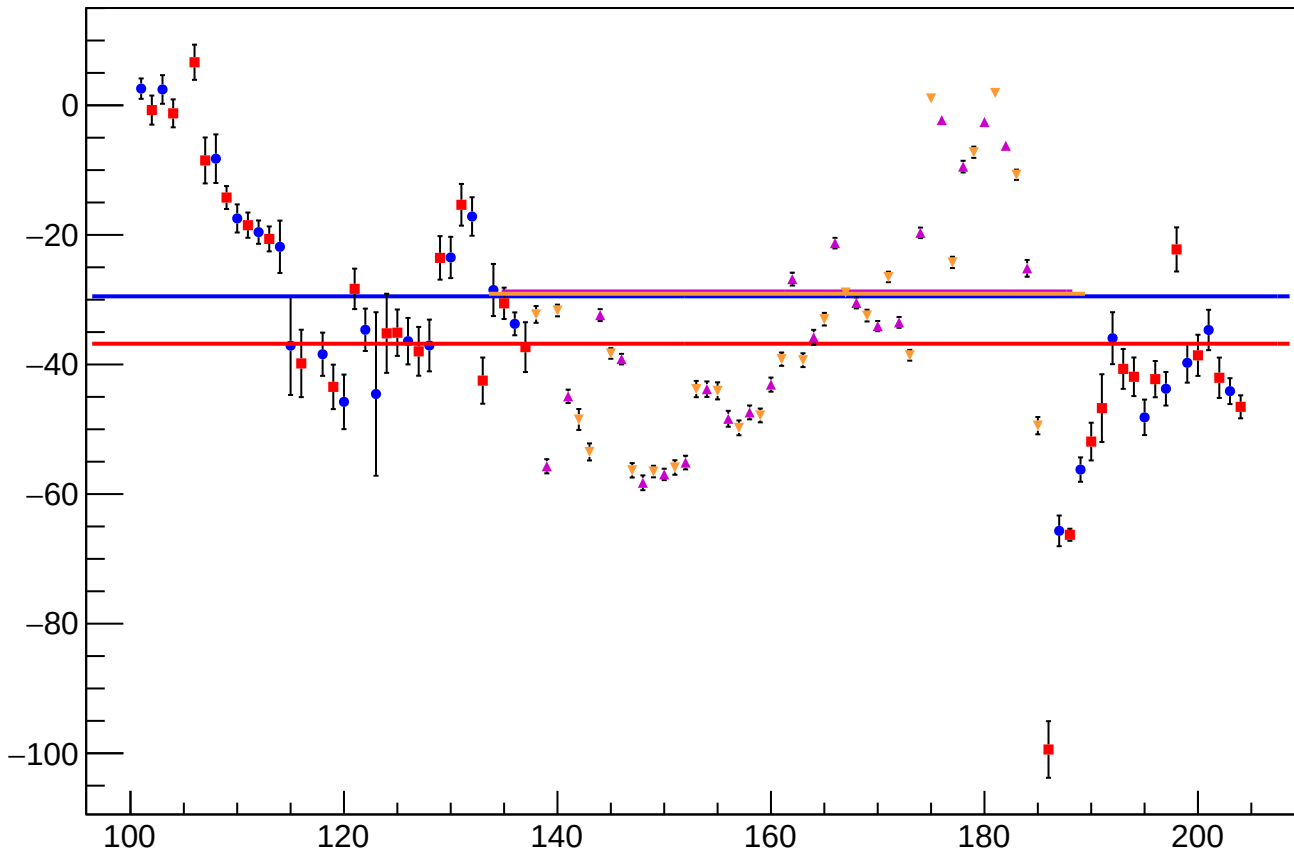
Left In: 34.928 $\pm$ 0.151 χ^2 /NDF: 2688.4/22

+ sign 34.819 $\pm$ 0.136 χ^2 /NDF: 4868.2/49

All: 35.014 $\pm$ 0.097 χ^2 /NDF: 9504.4/101

- sign 35.217 $\pm$ 0.139 χ^2 /NDF: 4632.0/51

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -29.481 ± 0.533 $\chi^2/\text{NDF}: 1363.2/24$

Left Out: -29.080 ± 0.187 $\chi^2/\text{NDF}: 10059.5/24$

Right Out: -36.794 ± 0.462 $\chi^2/\text{NDF}: 2544.4/28$

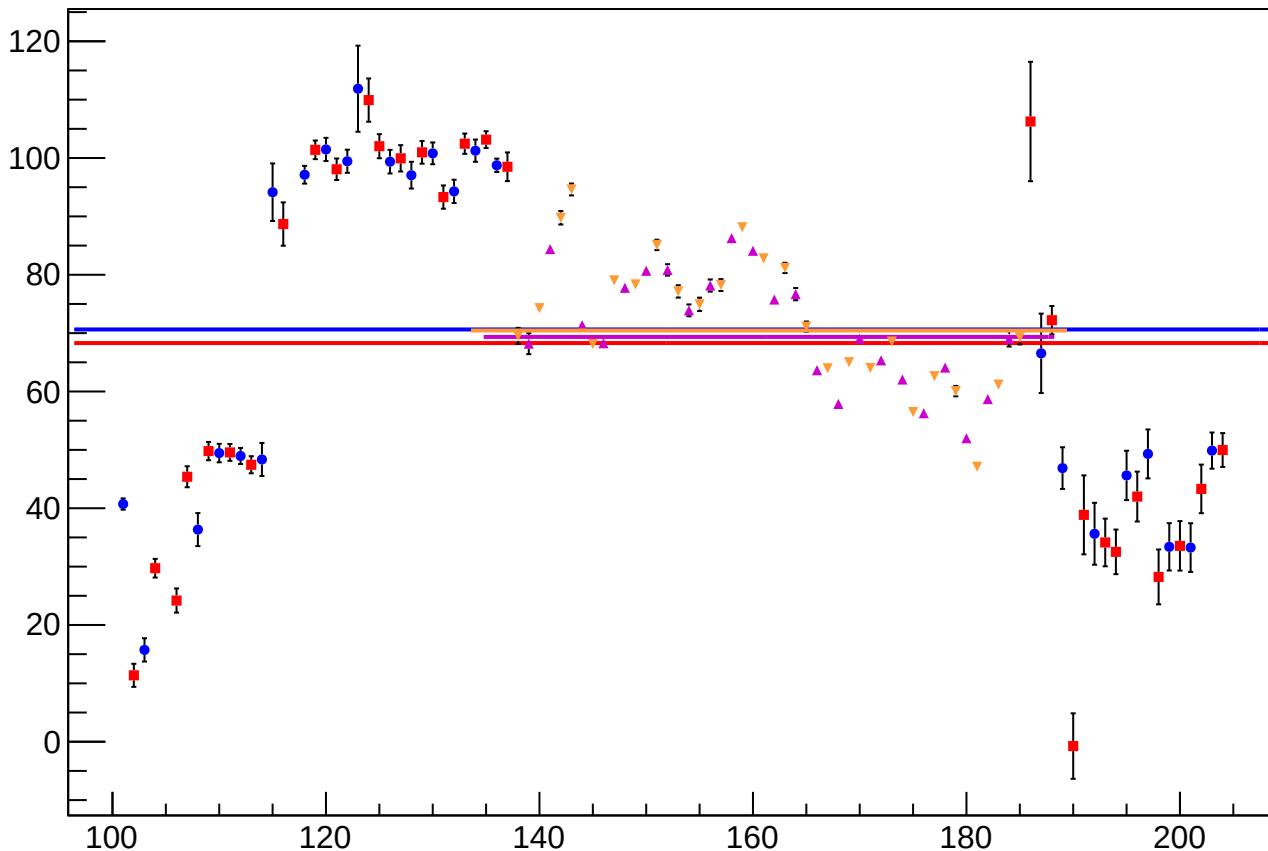
Left In: -28.735 ± 0.189 $\chi^2/\text{NDF}: 9155.5/22$

+ sign -29.124 ± 0.177 $\chi^2/\text{NDF}: 11423.2/49$

All: -29.511 ± 0.124 $\chi^2/\text{NDF}: 23393.4/101$

- sign -29.890 ± 0.175 $\chi^2/\text{NDF}: 11960.7/51$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 70.631 ± 0.409 $\chi^2/\text{NDF}: 5124.2/24$

Left Out: 70.450 ± 0.167 $\chi^2/\text{NDF}: 4484.7/24$

Right Out: 68.301 ± 0.408 $\chi^2/\text{NDF}: 6010.6/28$

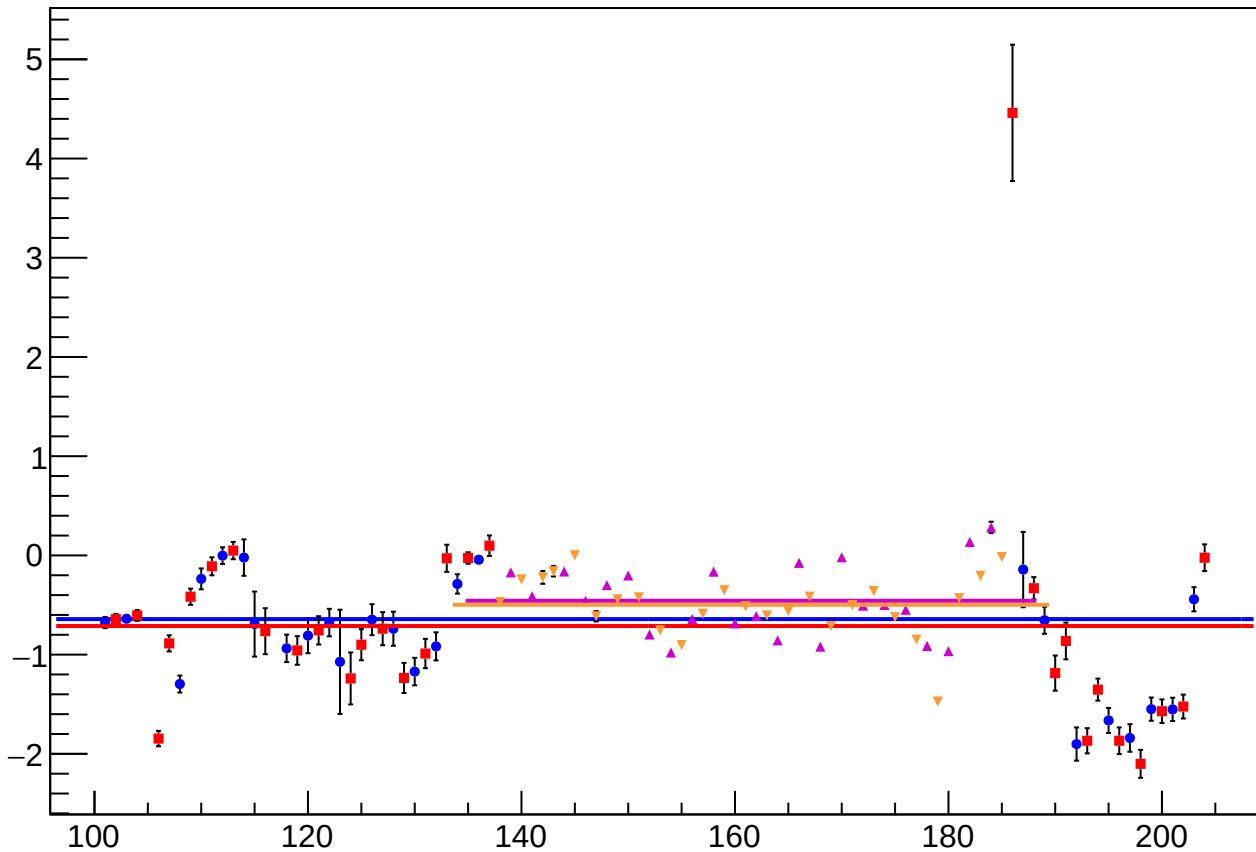
Left In: 69.350 ± 0.170 $\chi^2/\text{NDF}: 3330.7/22$

+ sign 70.475 ± 0.154 $\chi^2/\text{NDF}: 9609.0/49$

All: 69.846 ± 0.110 $\chi^2/\text{NDF}: 18989.8/101$

- sign 69.196 ± 0.157 $\chi^2/\text{NDF}: 9346.9/51$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.642 ± 0.020 χ^2/NDF : 665.3/24

Left Out: -0.498 ± 0.008 χ^2/NDF : 1440.7/24

Right Out: -0.712 ± 0.019 χ^2/NDF : 1094.1/28

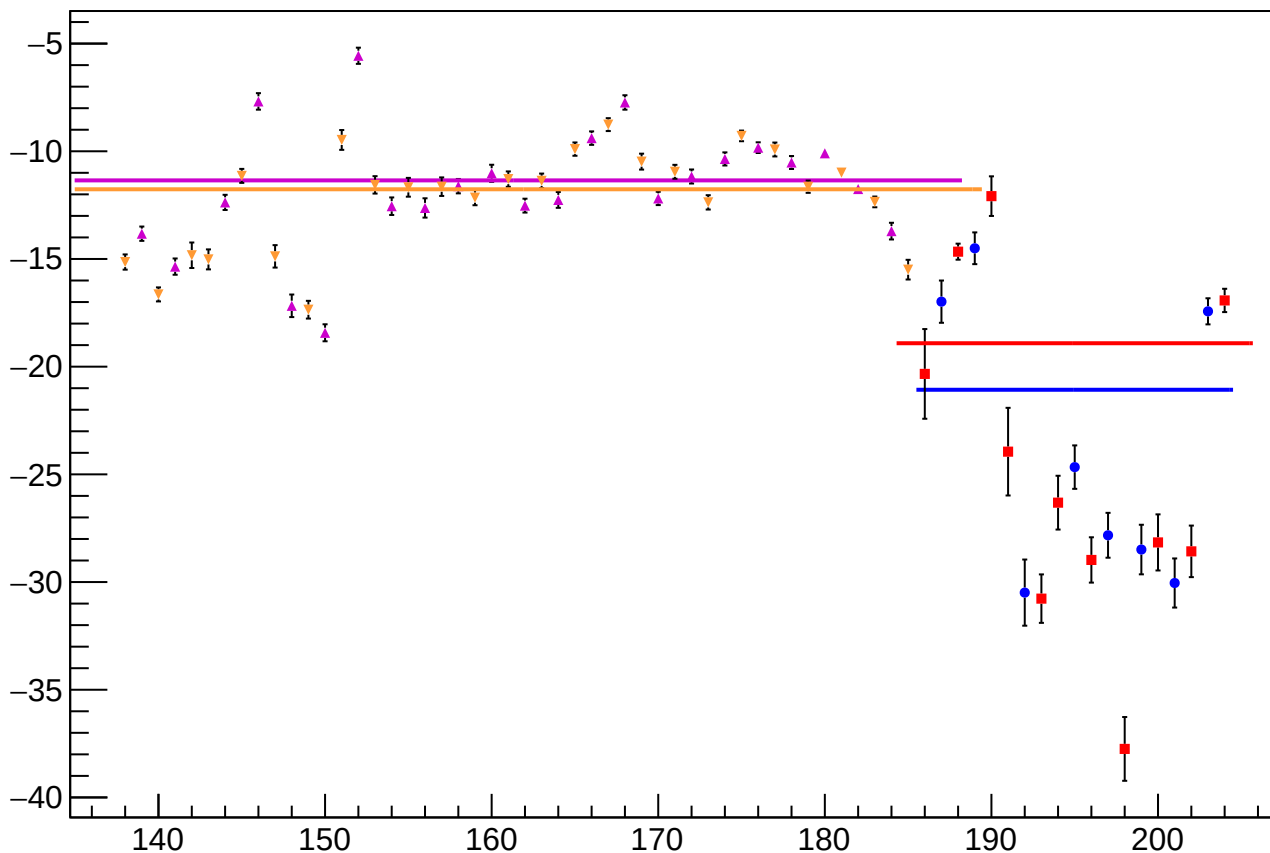
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.516 ± 0.007 χ^2/NDF : 2150.3/49

All: -0.504 ± 0.005 χ^2/NDF : 5377.8/101

- sign -0.493 ± 0.007 χ^2/NDF : 3222.2/51

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -21.072 ± 0.325 χ^2/NDF : 328.7/7

Left Out: -11.764 ± 0.067 χ^2/NDF : 1025.9/24

Right Out: -18.912 ± 0.247 χ^2/NDF : 720.7/10

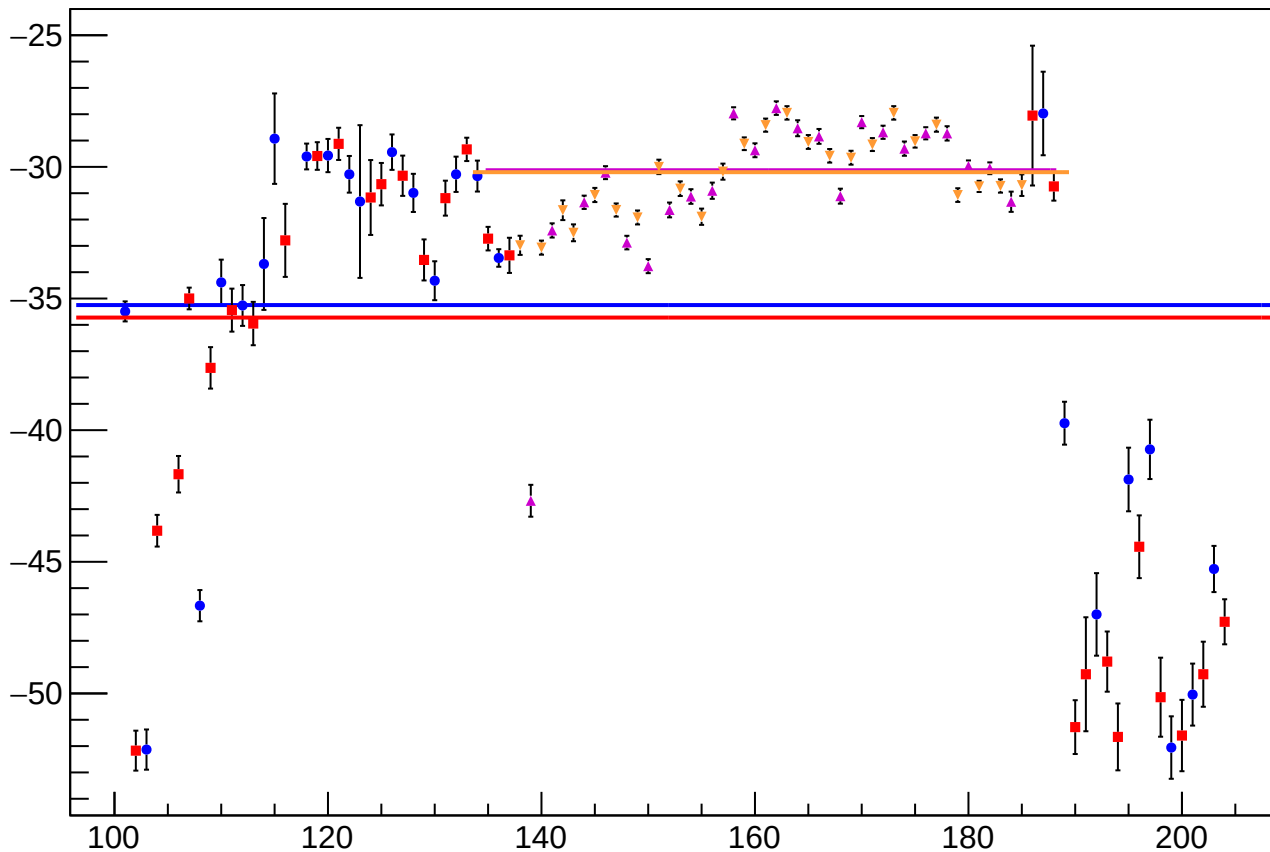
Left In: -11.352 ± 0.068 χ^2/NDF : 1280.6/22

+ sign -12.141 ± 0.065 χ^2/NDF : 2140.7/32

All: -12.010 ± 0.046 χ^2/NDF : 5020.4/66

- sign -11.879 ± 0.065 χ^2/NDF : 2871.7/33

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -35.248 ± 0.141 $\chi^2/\text{NDF}: 2055.3/24$

Left Out: -30.201 ± 0.054 $\chi^2/\text{NDF}: 725.7/24$

Right Out: -35.723 ± 0.136 $\chi^2/\text{NDF}: 2647.8/28$

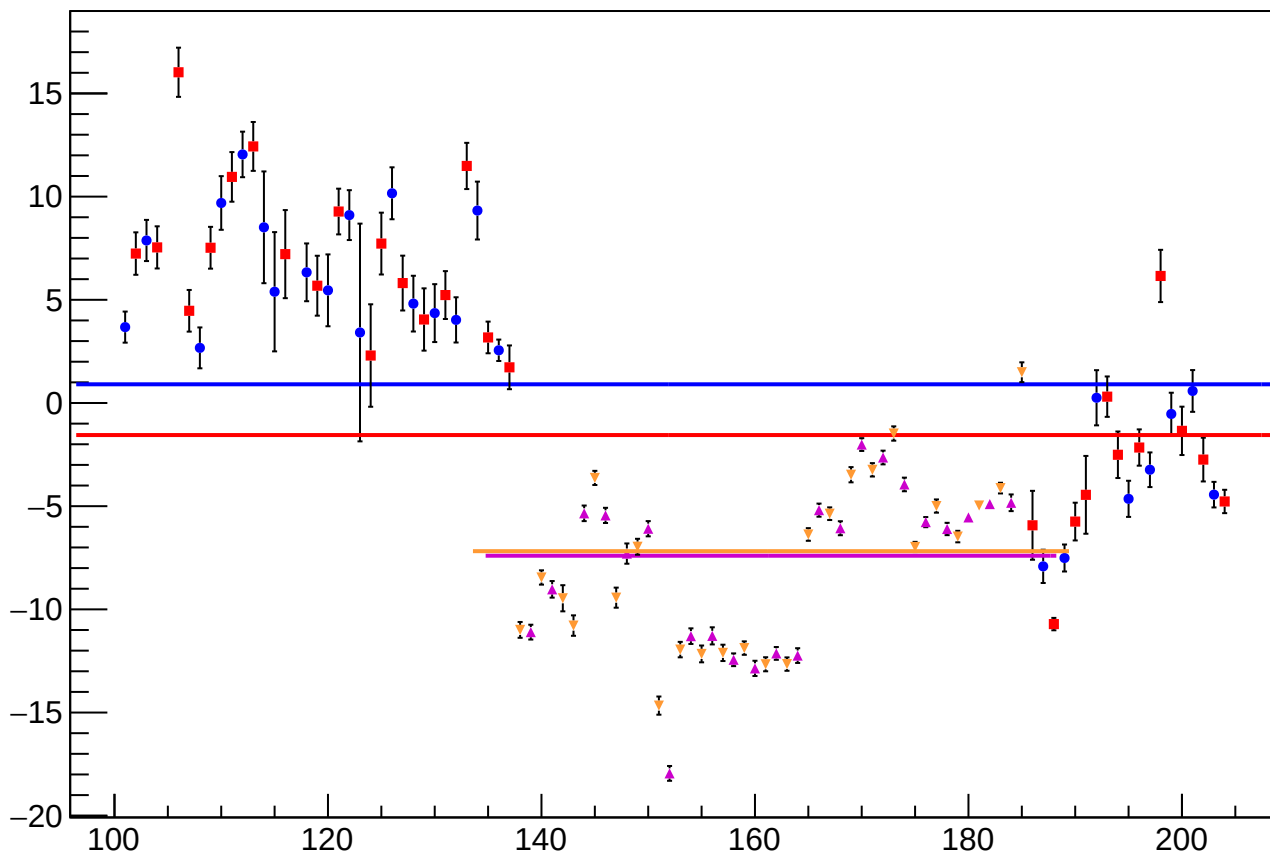
Left In: -30.128 ± 0.055 $\chi^2/\text{NDF}: 1290.4/22$

+ sign -30.849 ± 0.050 $\chi^2/\text{NDF}: 3903.7/49$

All: -30.883 ± 0.036 $\chi^2/\text{NDF}: 9286.5/101$

- sign -30.919 ± 0.051 $\chi^2/\text{NDF}: 5381.9/51$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 0.906 ± 0.198 χ^2/NDF : 840.8/24

Left Out: -7.180 ± 0.067 χ^2/NDF : 3015.8/24

Right Out: -1.553 ± 0.170 χ^2/NDF : 2209.9/28

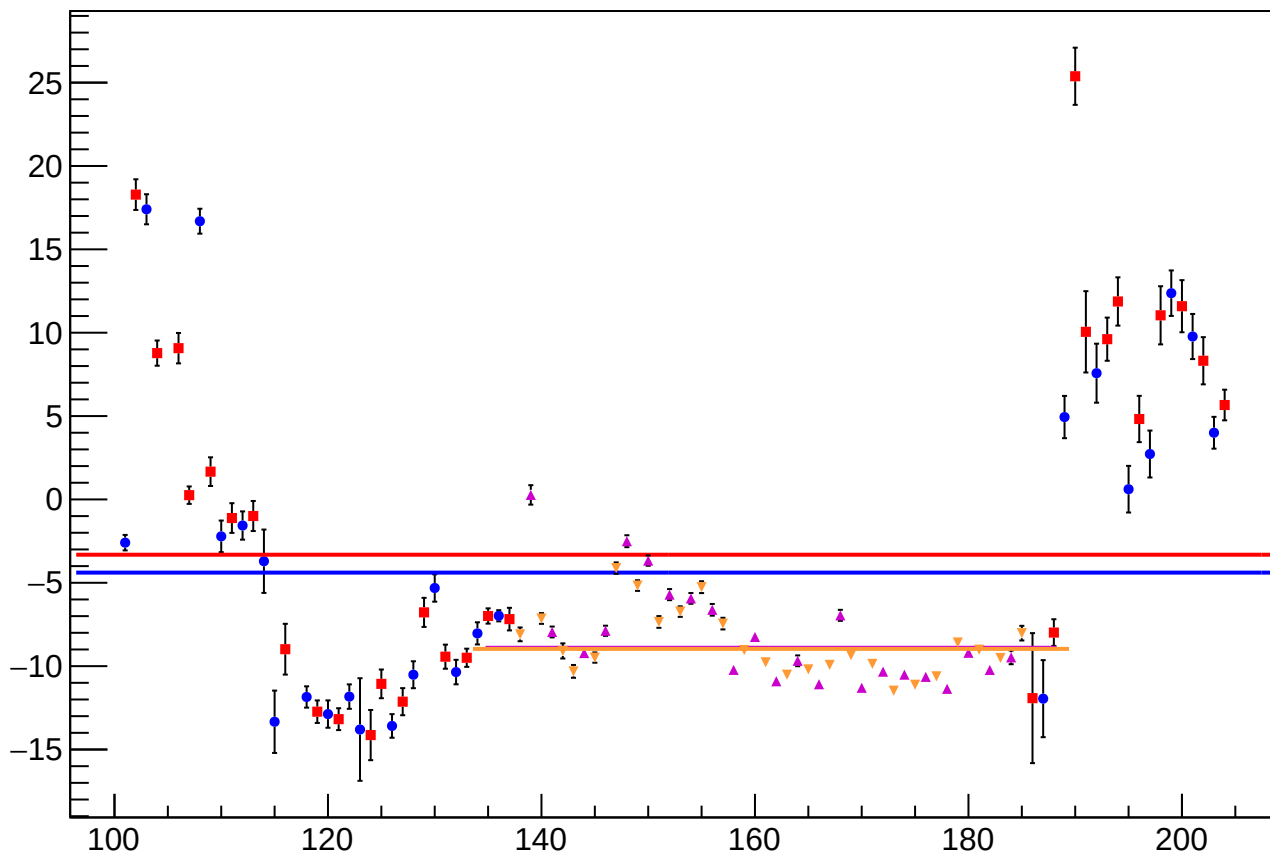
Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

+ sign -6.352 ± 0.063 χ^2/NDF : 5350.0/49

All: -6.478 ± 0.045 χ^2/NDF : 11725.1/101

- sign -6.602 ± 0.063 χ^2/NDF : 6367.2/51

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -4.390 ± 0.160 $\chi^2/\text{NDF}: 2658.9/24$

Left Out: -8.965 ± 0.060 $\chi^2/\text{NDF}: 876.6/24$

Right Out: -3.317 ± 0.159 $\chi^2/\text{NDF}: 2997.1/28$

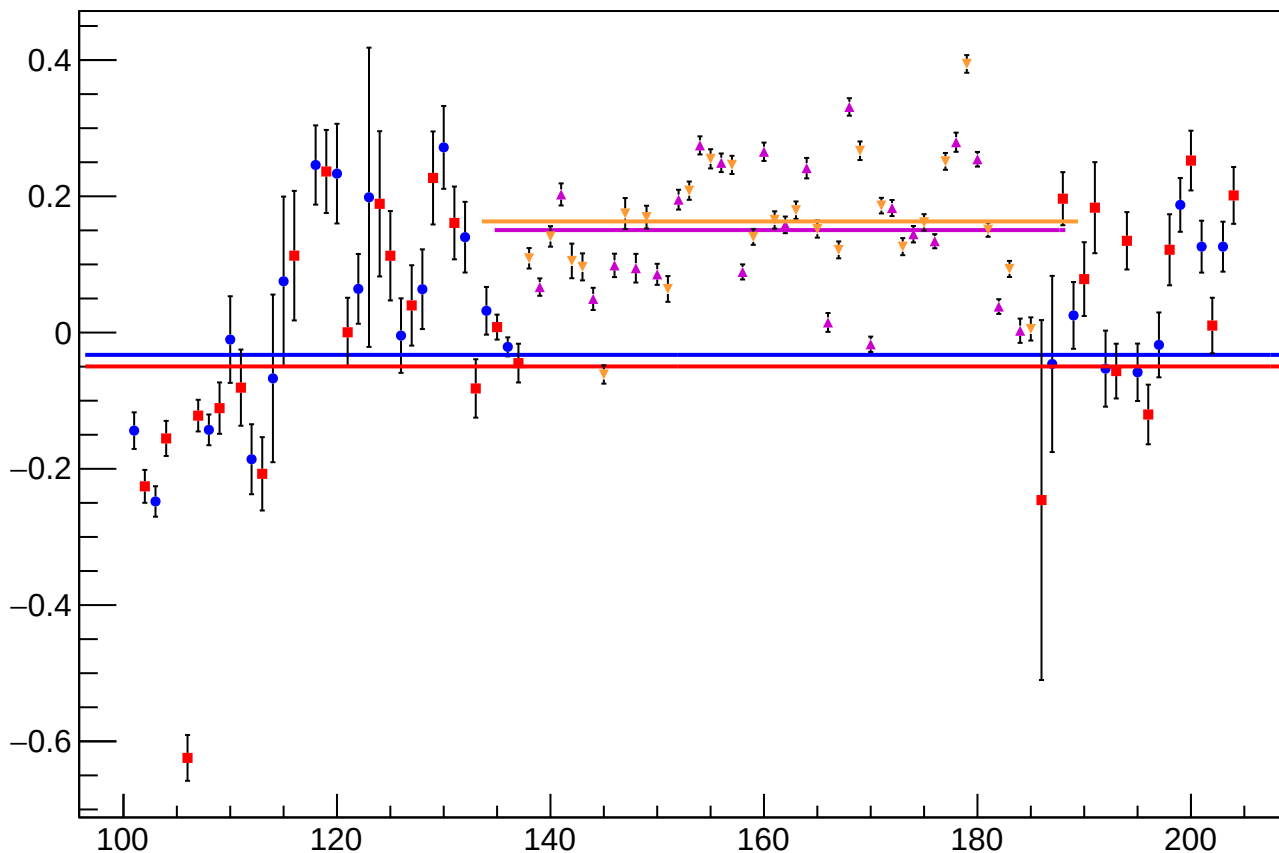
Left In: -8.898 ± 0.061 $\chi^2/\text{NDF}: 1584.0/22$

+ sign -8.398 ± 0.056 $\chi^2/\text{NDF}: 4250.2/49$

All: -8.286 ± 0.040 $\chi^2/\text{NDF}: 9911.2/101$

- sign -8.171 ± 0.057 $\chi^2/\text{NDF}: 5653.1/51$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.033 ± 0.007 χ^2/NDF : 296.9/24

Left Out: 0.163 ± 0.003 χ^2/NDF : 1011.4/24

Right Out: -0.050 ± 0.007 χ^2/NDF : 642.0/28

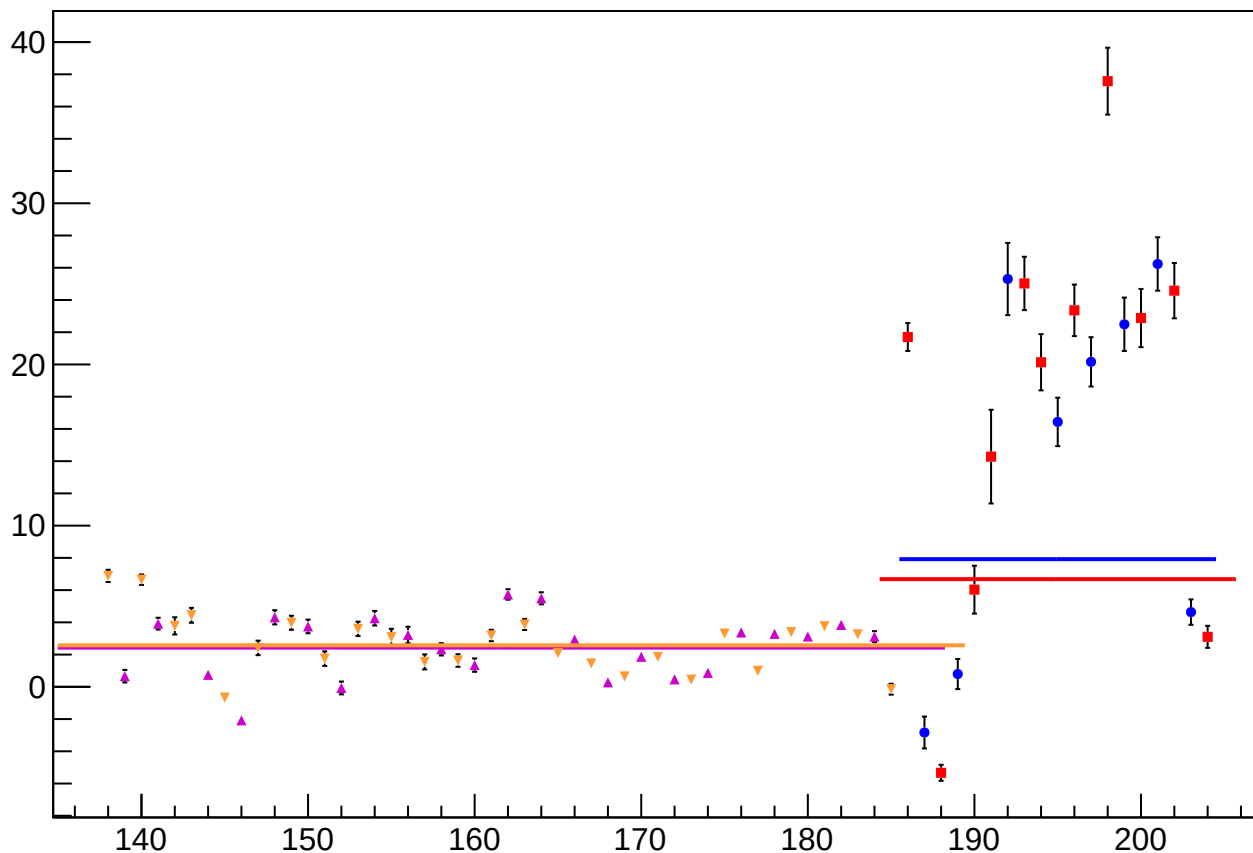
Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

+ sign 0.140 ± 0.003 χ^2/NDF : 1919.7/49

All: 0.133 ± 0.002 χ^2/NDF : 4540.8/101

- sign 0.125 ± 0.003 χ^2/NDF : 2604.7/51

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 7.921 ± 0.424 χ^2/NDF : 549.6/7

Left Out: 2.575 ± 0.058 χ^2/NDF : 868.1/24

Right Out: 6.681 ± 0.315 χ^2/NDF : 1622.6/10

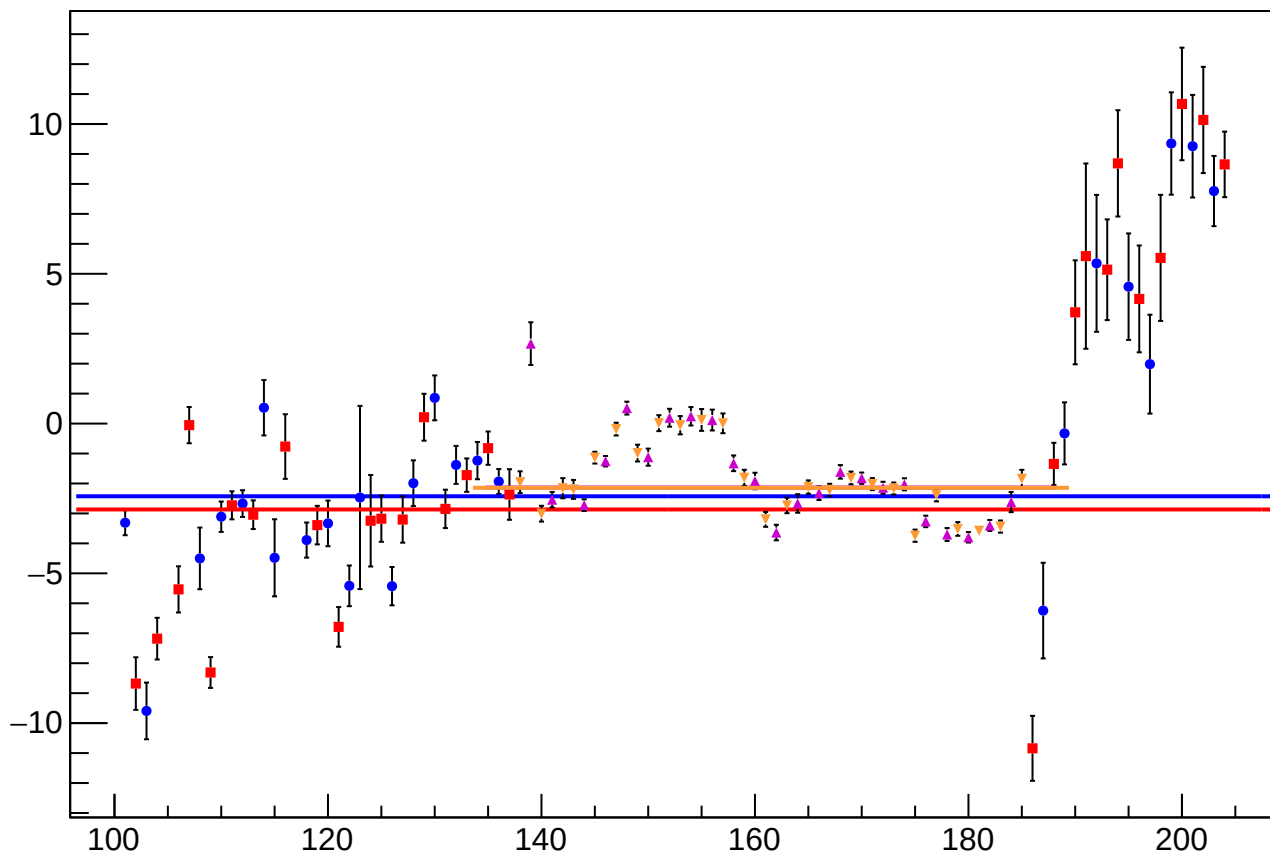
Left In: 2.433 ± 0.059 χ^2/NDF : 882.9/22

+ sign 2.675 ± 0.058 χ^2/NDF : 1573.8/32

All: 2.627 ± 0.041 χ^2/NDF : 4256.2/66

- sign 2.578 ± 0.058 χ^2/NDF : 2681.0/33

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.428 ± 0.148 $\chi^2/\text{NDF}: 370.9/24$

Left Out: -2.145 ± 0.048 $\chi^2/\text{NDF}: 572.6/24$

Right Out: -2.868 ± 0.145 $\chi^2/\text{NDF}: 695.3/28$

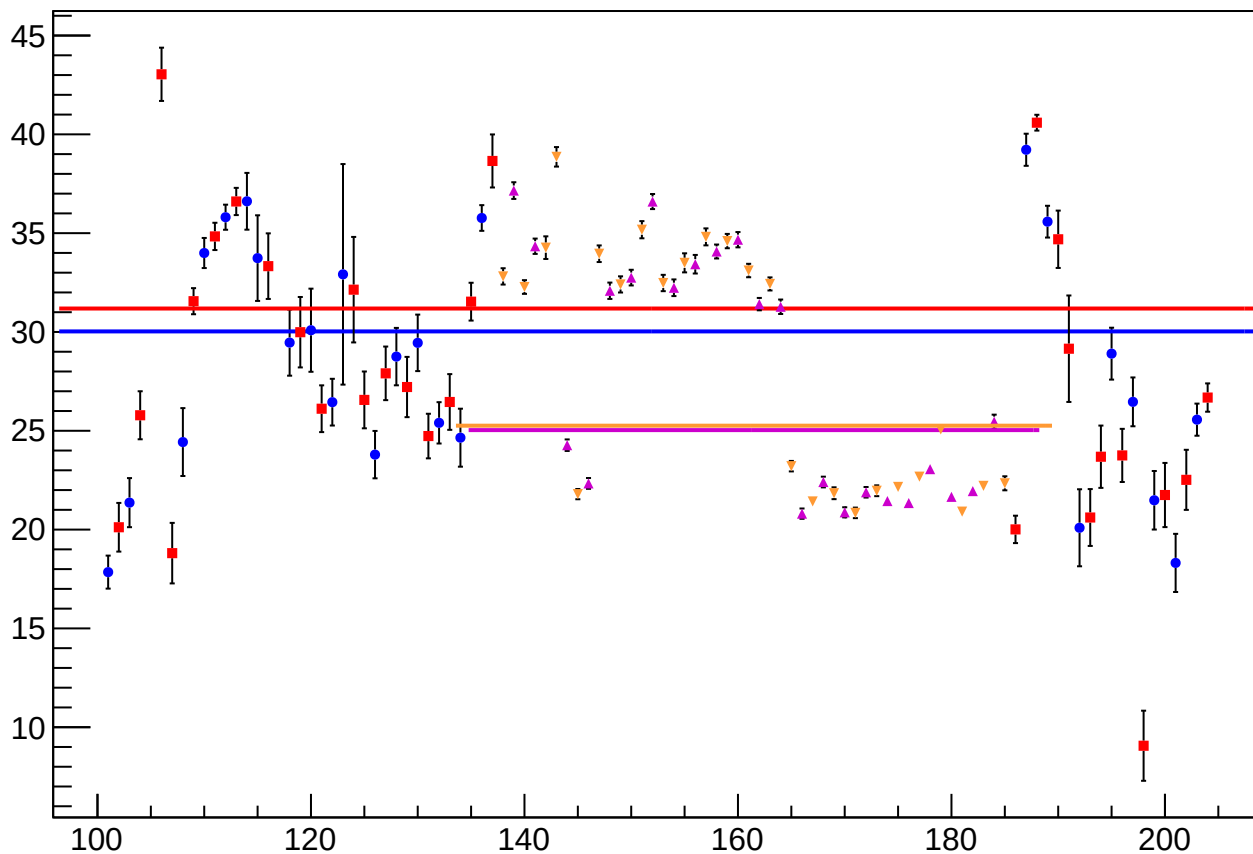
Left In: -2.137 ± 0.048 $\chi^2/\text{NDF}: 693.6/22$

+ sign -2.171 ± 0.045 $\chi^2/\text{NDF}: 946.8/49$

All: -2.190 ± 0.032 $\chi^2/\text{NDF}: 2359.0/101$

- sign -2.210 ± 0.046 $\chi^2/\text{NDF}: 1411.8/51$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 30.028 $\pm$ 0.218 χ^2 /NDF: 892.1/24

Left Out: 25.258 $\pm$ 0.059 χ^2 /NDF:8135.5/24

Right Out: 31.186 $\pm$ 0.188 χ^2 /NDF: 1639.2/28

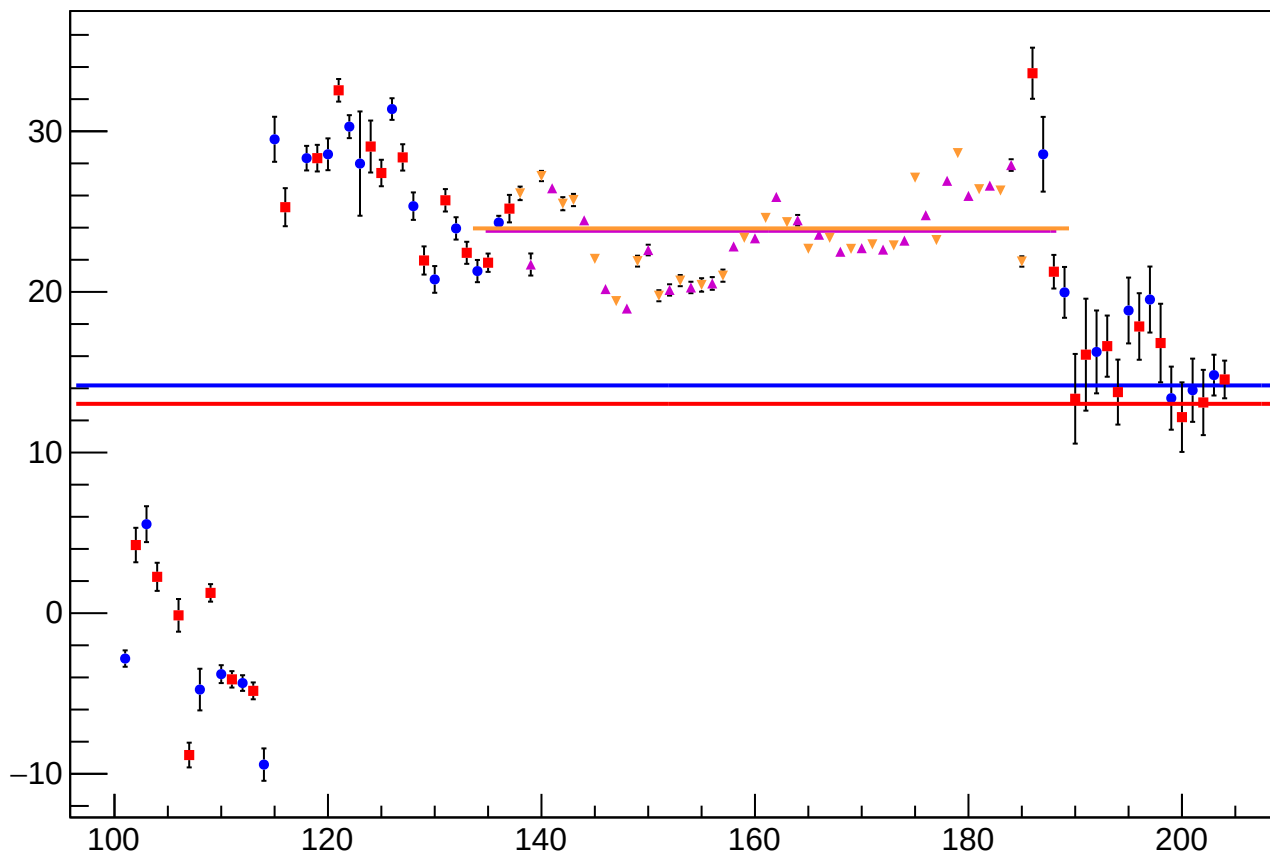
Left In: 25.034 $\pm$ 0.059 χ^2 /NDF:7690.0/22

+ sign 25.583 $\pm$ 0.057 χ^2 /NDF: 9474.0/49

All: 25.587 $\pm$ 0.040 χ^2 /NDF: 19774.2/101

- sign 25.590 $\pm$ 0.057 χ^2 /NDF: 10300.1/51

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.178 $\pm$ 0.166 χ^2 /NDF: 7458.4/24

Left Out: 23.953 $\pm$ 0.053 χ^2 /NDF:1915.9/24

Right Out: 13.032 $\pm$ 0.165 χ^2 /NDF: 7217.8/28

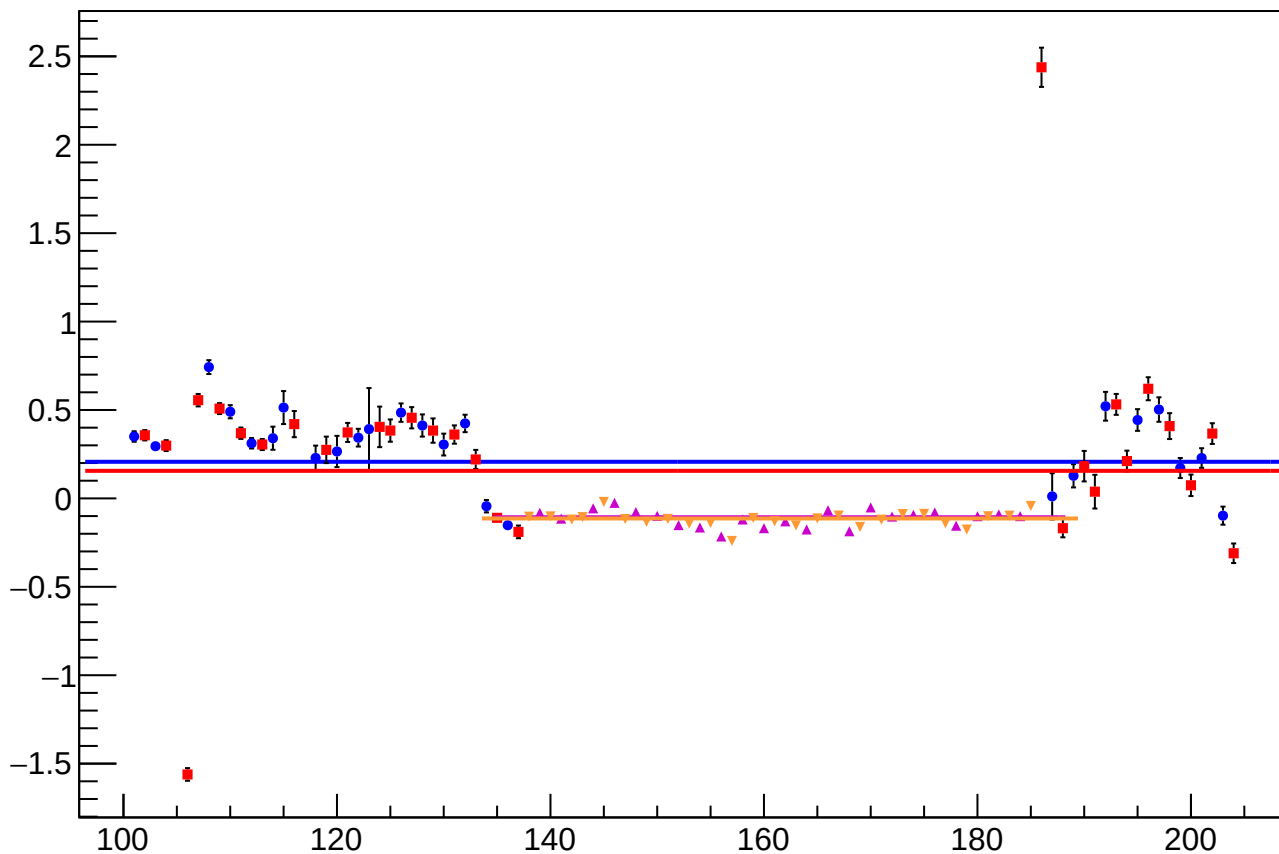
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.045 $\pm$ 0.051 χ^2 /NDF: 12509.0/49

All: 22.907 $\pm$ 0.036 χ^2 /NDF: 25353.3/101

- sign 22.766 $\pm$ 0.051 χ^2 /NDF: 12829.2/51

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.009 χ^2/NDF : 933.9/24

Left Out: -0.114 ± 0.002 χ^2/NDF : 290.8/24

Right Out: 0.156 ± 0.008 χ^2/NDF : 3666.6/28

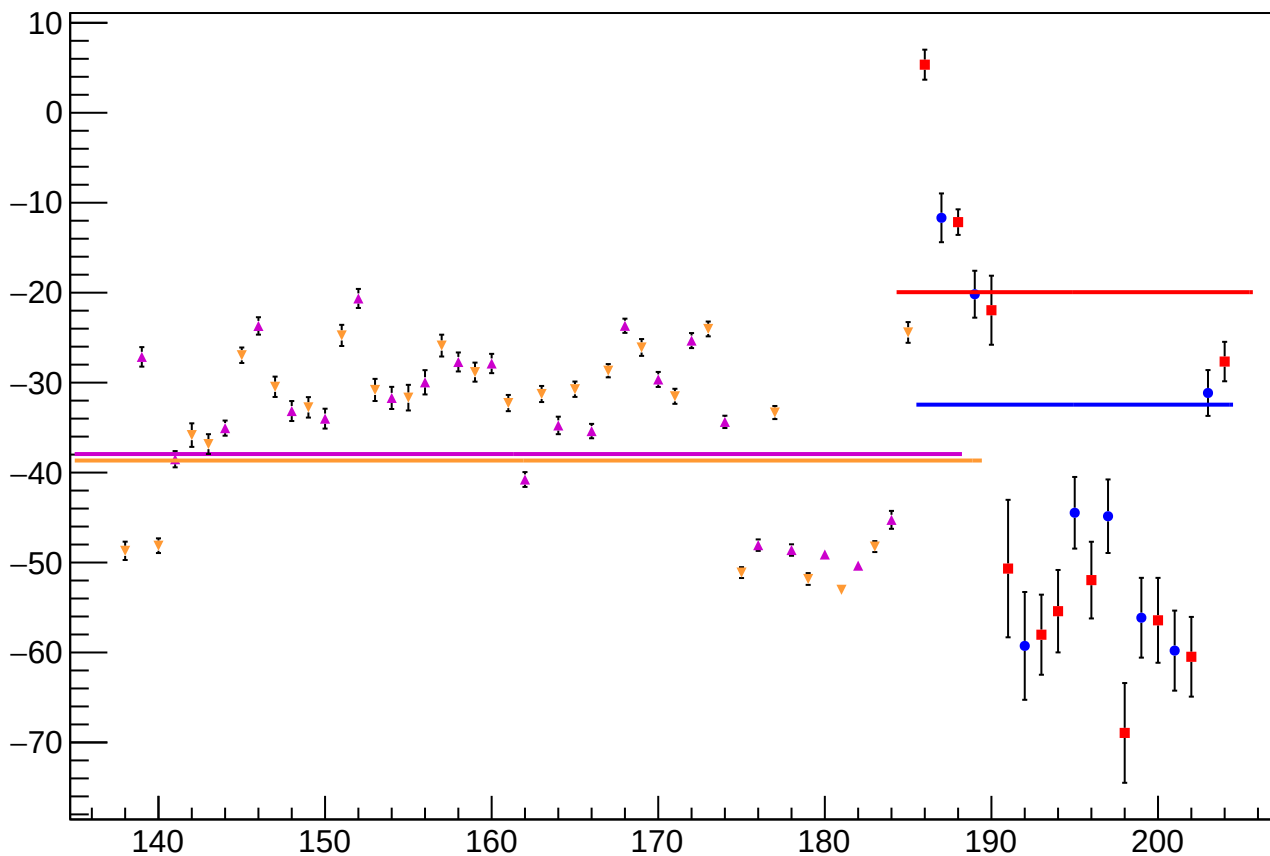
Left In: -0.107 ± 0.002 χ^2/NDF : 322.0/22

+ sign -0.090 ± 0.002 χ^2/NDF : 2496.4/49

All: -0.088 ± 0.002 χ^2/NDF : 7397.7/101

- sign -0.086 ± 0.002 χ^2/NDF : 4899.5/51

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -32.449 ± 1.204 $\chi^2/\text{NDF}: 185.8/7$

Left Out: -38.660 ± 0.169 $\chi^2/\text{NDF}: 4073.8/24$

Right Out: -19.944 ± 0.837 $\chi^2/\text{NDF}: 699.4/10$

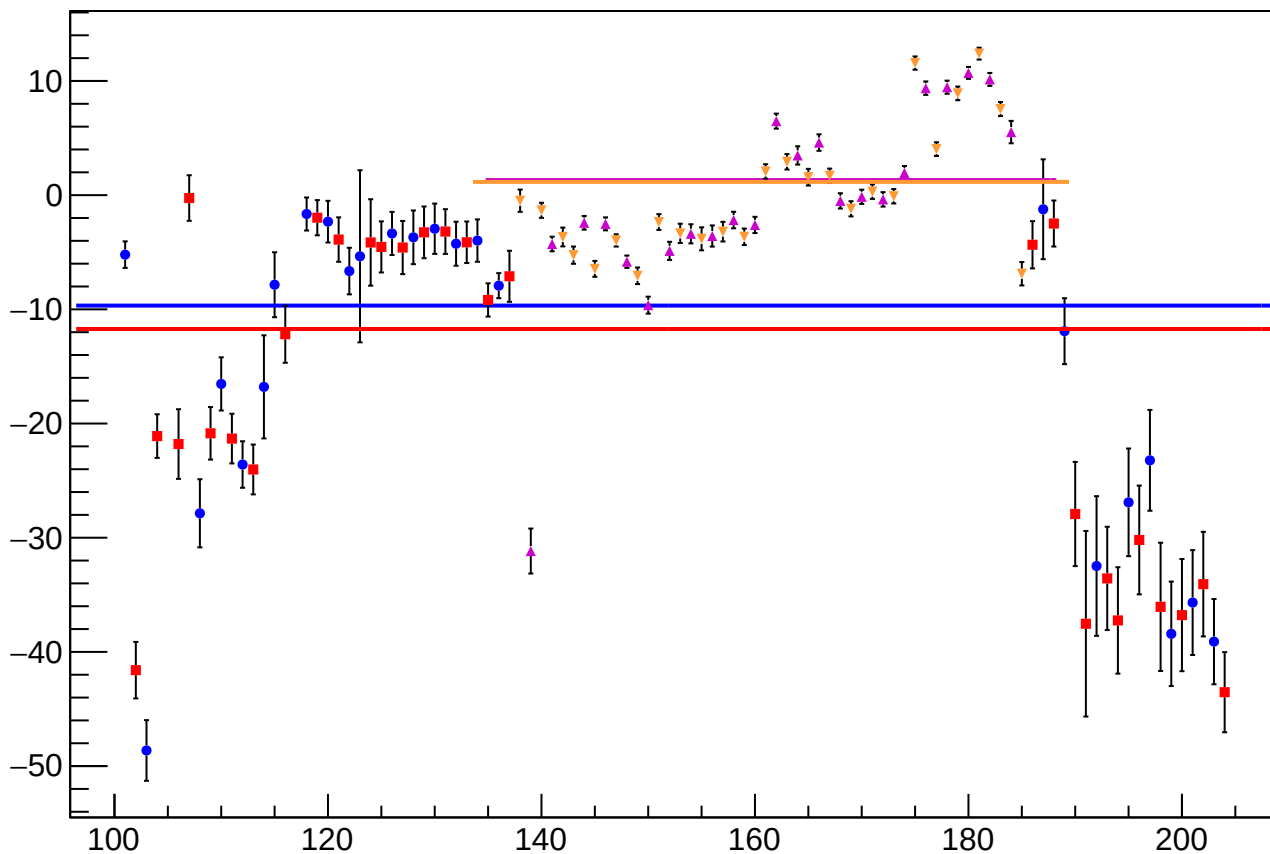
Left In: -37.939 ± 0.173 $\chi^2/\text{NDF}: 3133.2/22$

+ sign -38.539 ± 0.168 $\chi^2/\text{NDF}: 4285.7/32$

All: -37.877 ± 0.119 $\chi^2/\text{NDF}: 8593.4/66$

- sign -37.205 ± 0.169 $\chi^2/\text{NDF}: 4276.3/33$

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -9.671 ± 0.441 χ^2/NDF : 596.2/24

Left Out: 1.163 ± 0.136 χ^2/NDF : 1786.1/24

Right Out: -11.721 ± 0.446 χ^2/NDF : 694.0/28

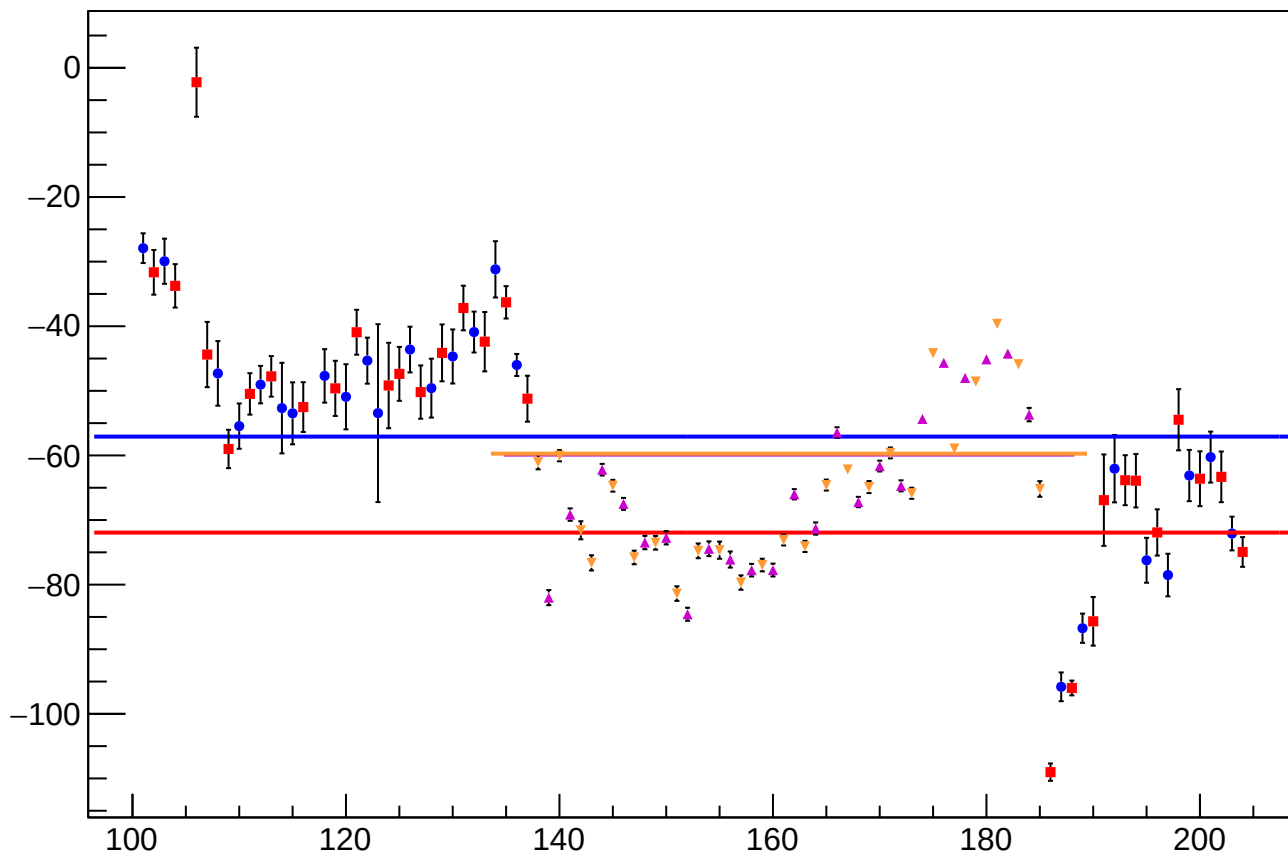
Left In: 1.319 ± 0.139 χ^2/NDF : 2080.7/22

+ sign 0.217 ± 0.130 χ^2/NDF : 2933.5/49

All: 0.189 ± 0.093 χ^2/NDF : 6485.8/101

- sign 0.159 ± 0.133 χ^2/NDF : 3552.2/51

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -57.086 ± 0.657 χ^2/NDF : 964.5/24

Left Out: -59.724 ± 0.170 χ^2/NDF : 5789.8/24

Right Out: -71.944 ± 0.551 χ^2/NDF : 2467.8/28

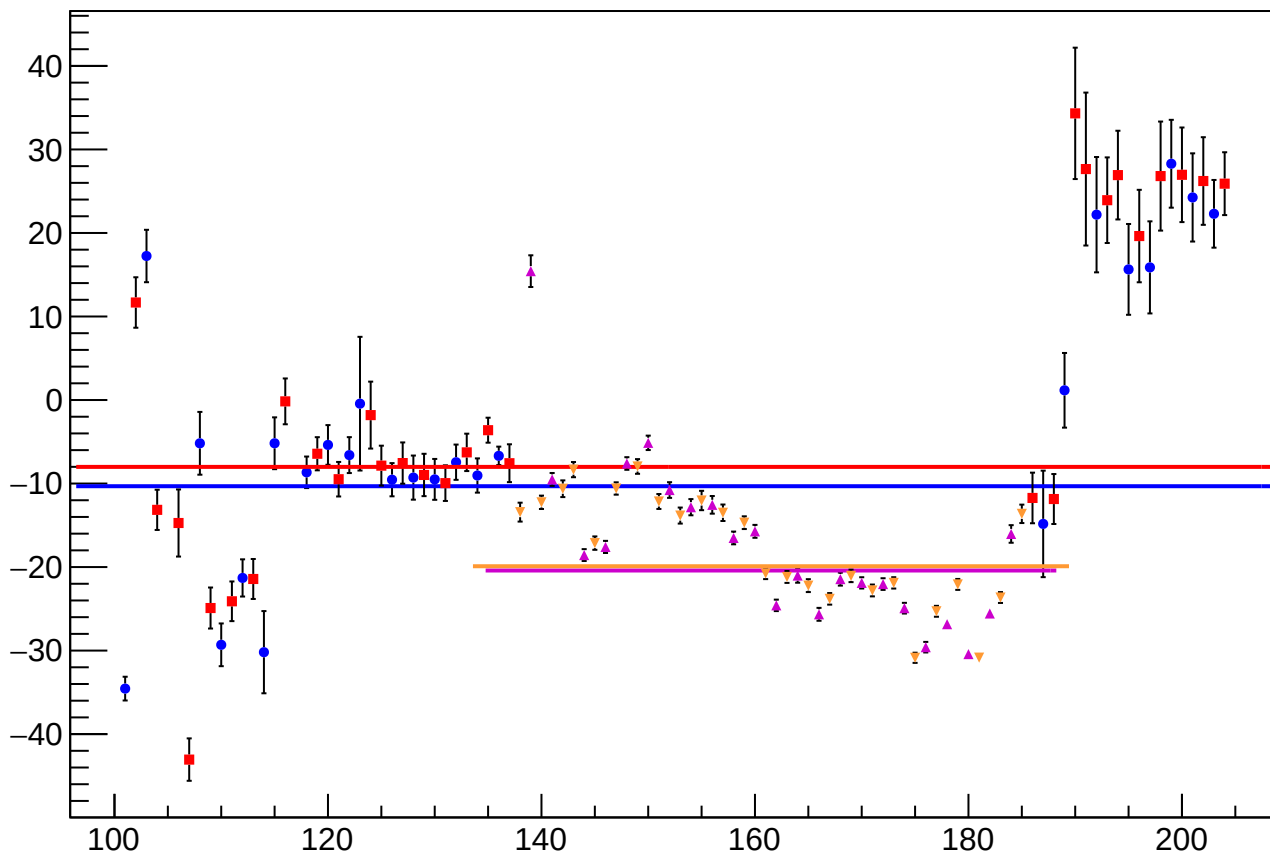
Left In: -59.864 ± 0.173 χ^2/NDF : 5275.1/22

+ sign -59.558 ± 0.165 χ^2/NDF : 6769.4/49

All: -60.252 ± 0.117 χ^2/NDF : 14985.0/101

- sign -60.944 ± 0.165 χ^2/NDF : 8180.3/51

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -10.320 ± 0.500 χ^2/NDF : 727.3/24

Left Out: -19.902 ± 0.153 χ^2/NDF : 1904.7/24

Right Out: -8.007 ± 0.515 χ^2/NDF : 731.8/28

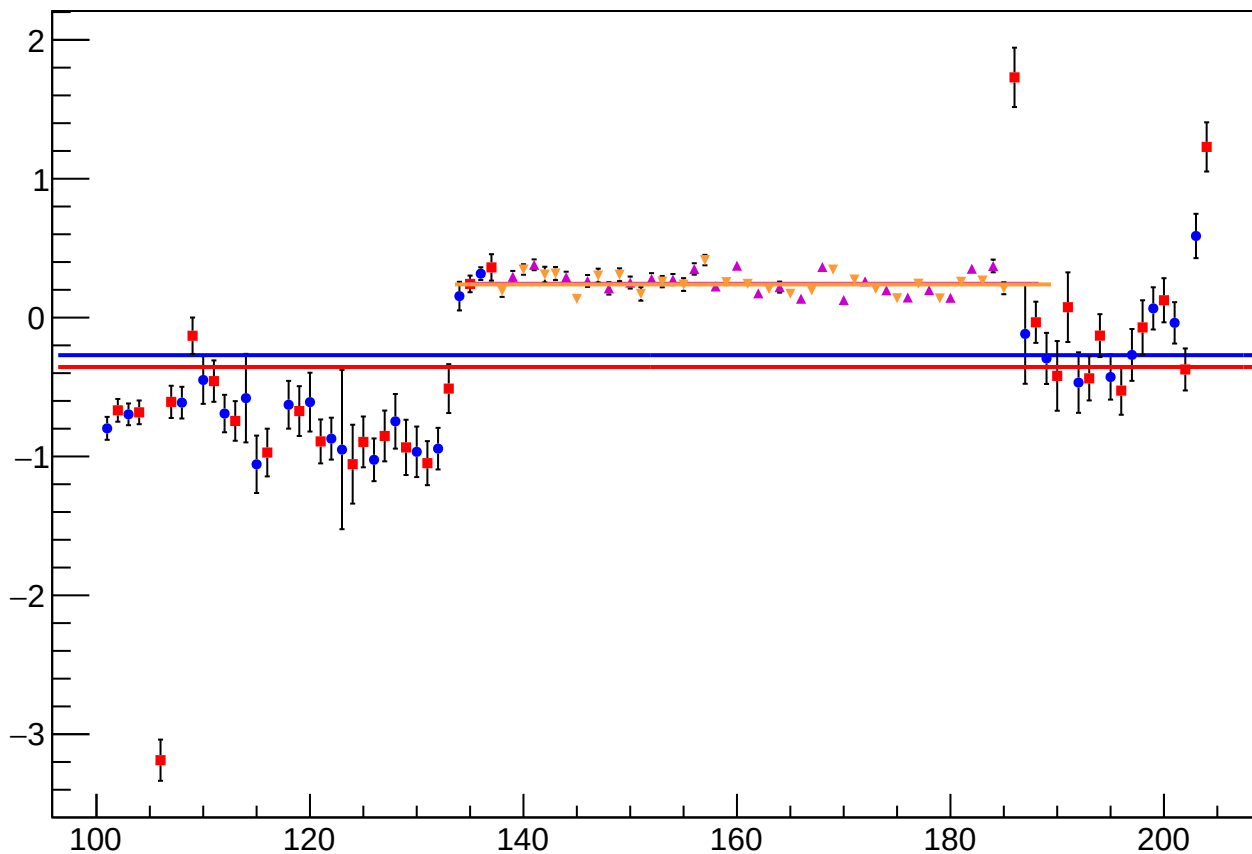
Left In: -20.412 ± 0.156 χ^2/NDF : 2345.4/22

+ sign -19.081 ± 0.146 χ^2/NDF : 2967.6/49

All: -19.221 ± 0.105 χ^2/NDF : 6578.2/101

- sign -19.367 ± 0.149 χ^2/NDF : 3608.7/51

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.271 ± 0.025 $\chi^2/\text{NDF}: 412.5/24$

Left Out: 0.239 ± 0.007 $\chi^2/\text{NDF}: 93.5/24$

Right Out: -0.356 ± 0.025 $\chi^2/\text{NDF}: 840.7/28$

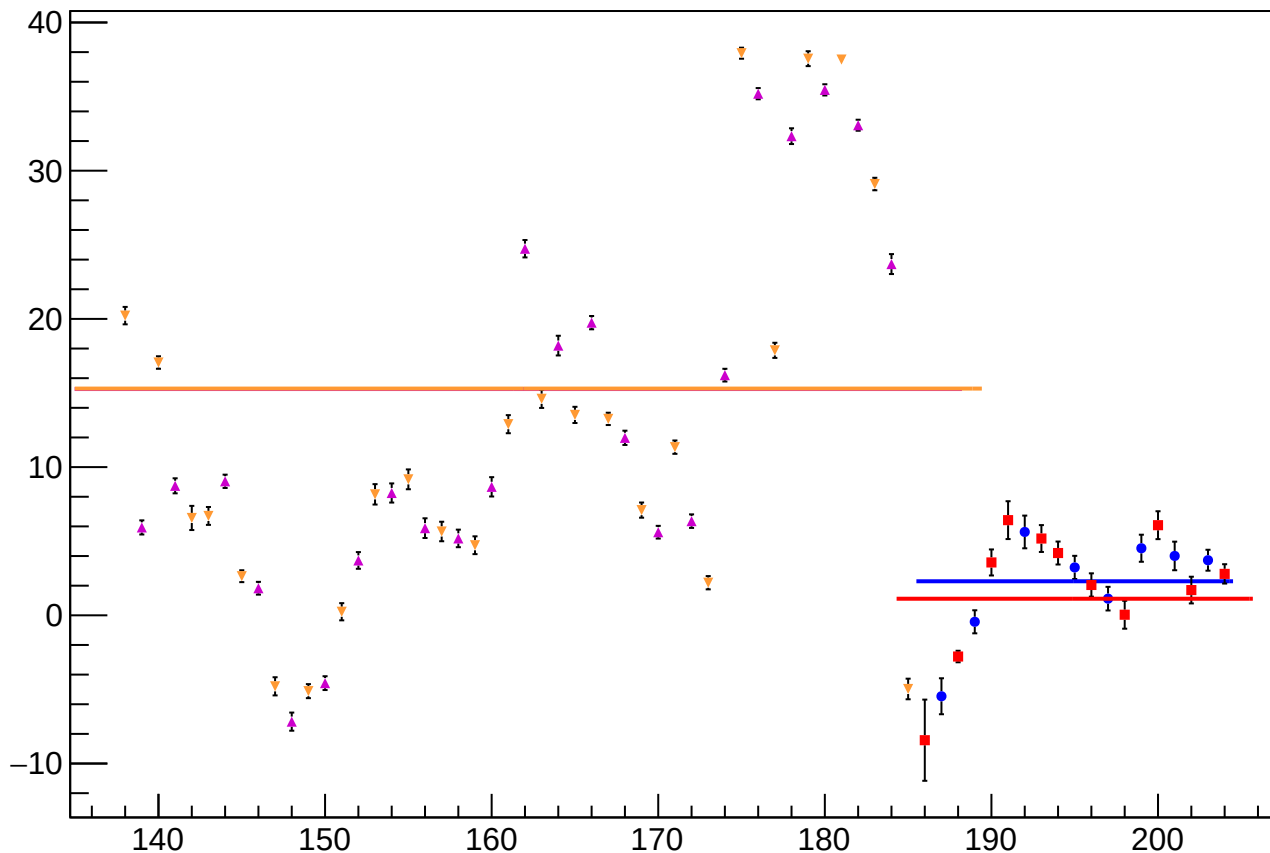
Left In: 0.243 ± 0.007 $\chi^2/\text{NDF}: 139.2/22$

+ sign 0.202 ± 0.007 $\chi^2/\text{NDF}: 884.8/49$

All: 0.200 ± 0.005 $\chi^2/\text{NDF}: 2388.1/101$

- sign 0.199 ± 0.007 $\chi^2/\text{NDF}: 1503.2/51$

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 2.297 ± 0.307 $\chi^2/\text{NDF}: 79.0/7$

Left Out: 15.298 ± 0.101 $\chi^2/\text{NDF}: 19135.0/24$

Right Out: 1.119 ± 0.229 $\chi^2/\text{NDF}: 211.1/10$

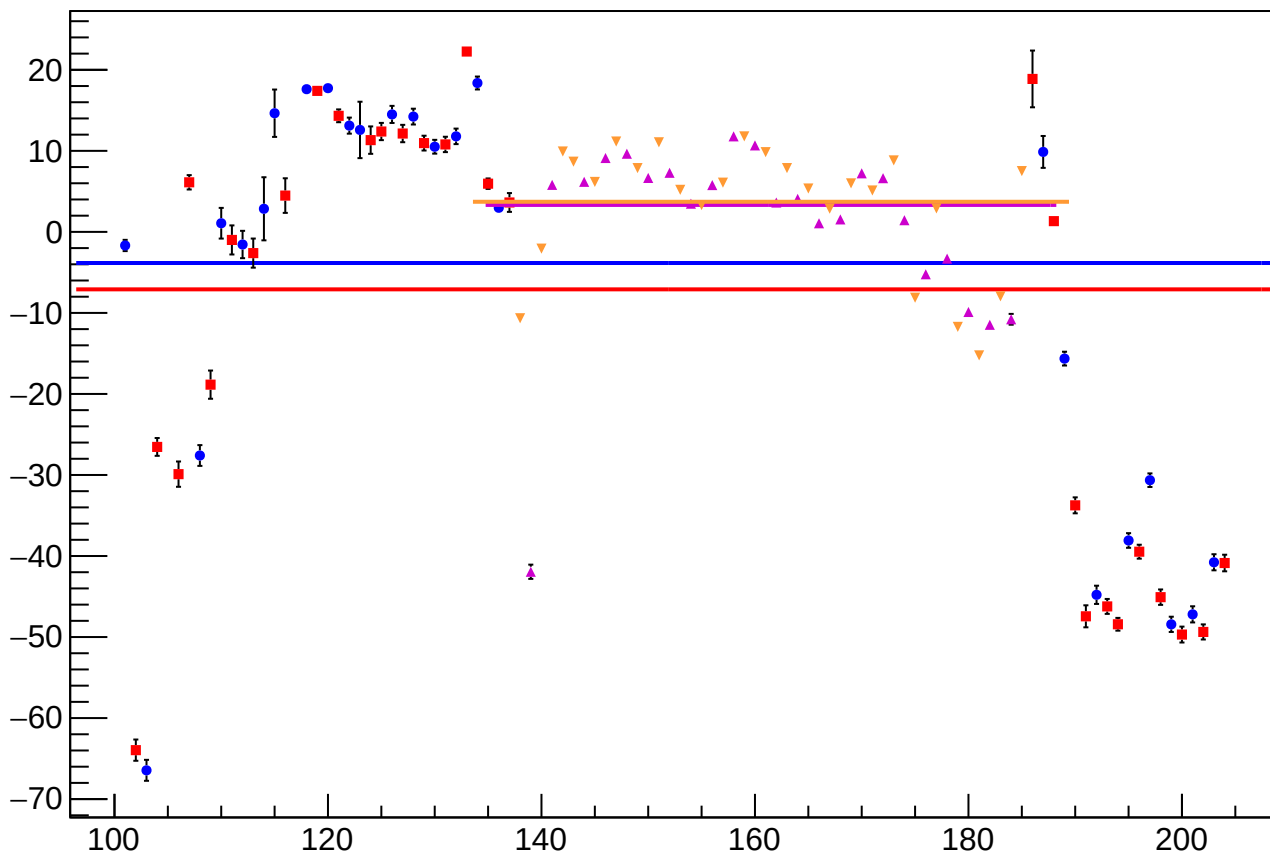
Left In: 15.268 ± 0.102 $\chi^2/\text{NDF}: 16406.3/22$

+ sign 14.032 ± 0.096 $\chi^2/\text{NDF}: 20838.0/32$

All: 13.467 ± 0.067 $\chi^2/\text{NDF}: 40697.0/66$

- sign 12.929 ± 0.093 $\chi^2/\text{NDF}: 19790.8/33$

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -3.840 ± 0.183 $\chi^2/\text{NDF}: 17959.5/24$

Left Out: 3.717 ± 0.079 $\chi^2/\text{NDF}: 9201.0/24$

Right Out: -7.092 ± 0.169 $\chi^2/\text{NDF}: 26205.7/28$

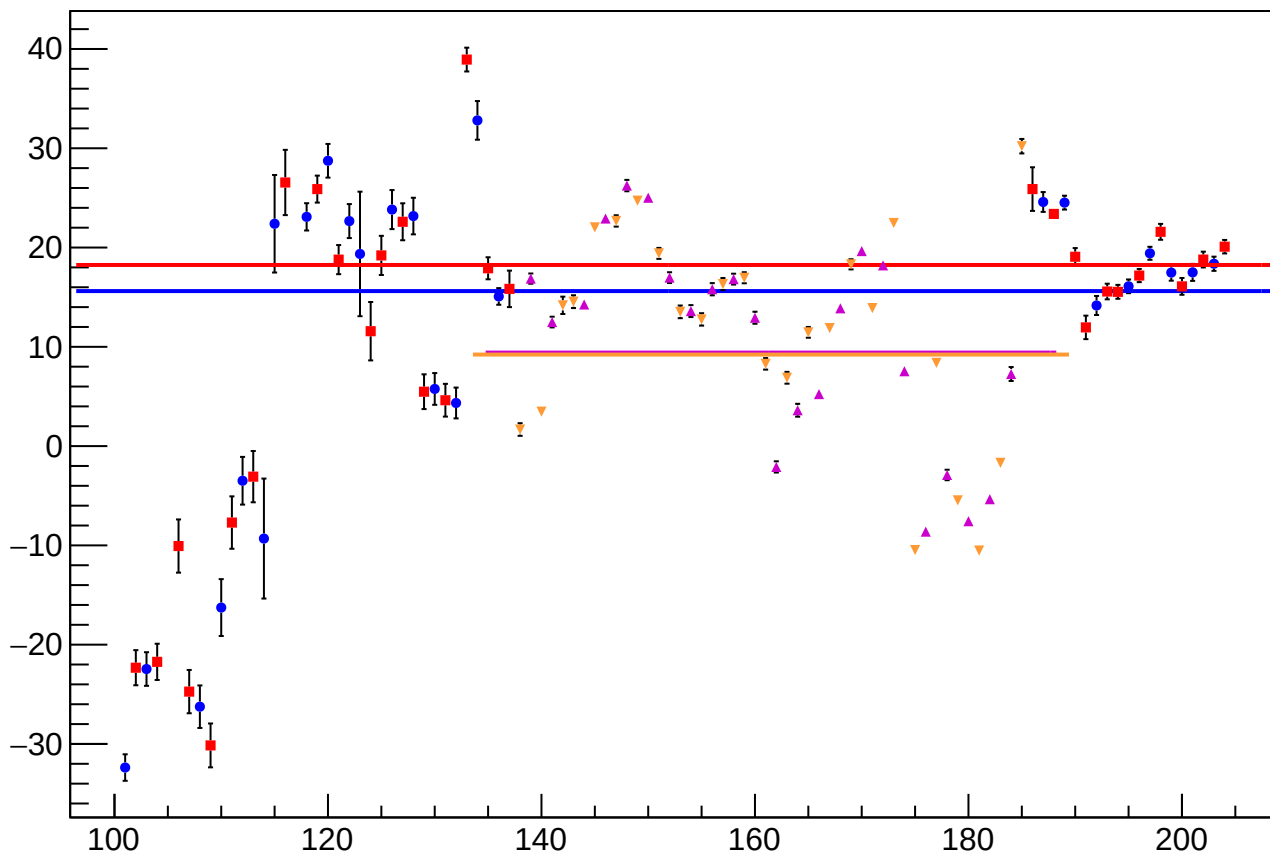
Left In: 3.327 ± 0.081 $\chi^2/\text{NDF}: 8830.5/22$

+ sign 2.532 ± 0.072 $\chi^2/\text{NDF}: 28597.0/49$

All: 1.961 ± 0.051 $\chi^2/\text{NDF}: 66850.3/101$

- sign 1.380 ± 0.073 $\chi^2/\text{NDF}: 38128.0/51$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 15.615 $\pm$ 0.228 χ^2 /NDF: 3001.1/24

Left Out: 9.220 $\pm$ 0.101 χ^2 /NDF:13617.0/24

Right Out: 18.245 $\pm$ 0.181 χ^2 /NDF: 2987.8/28

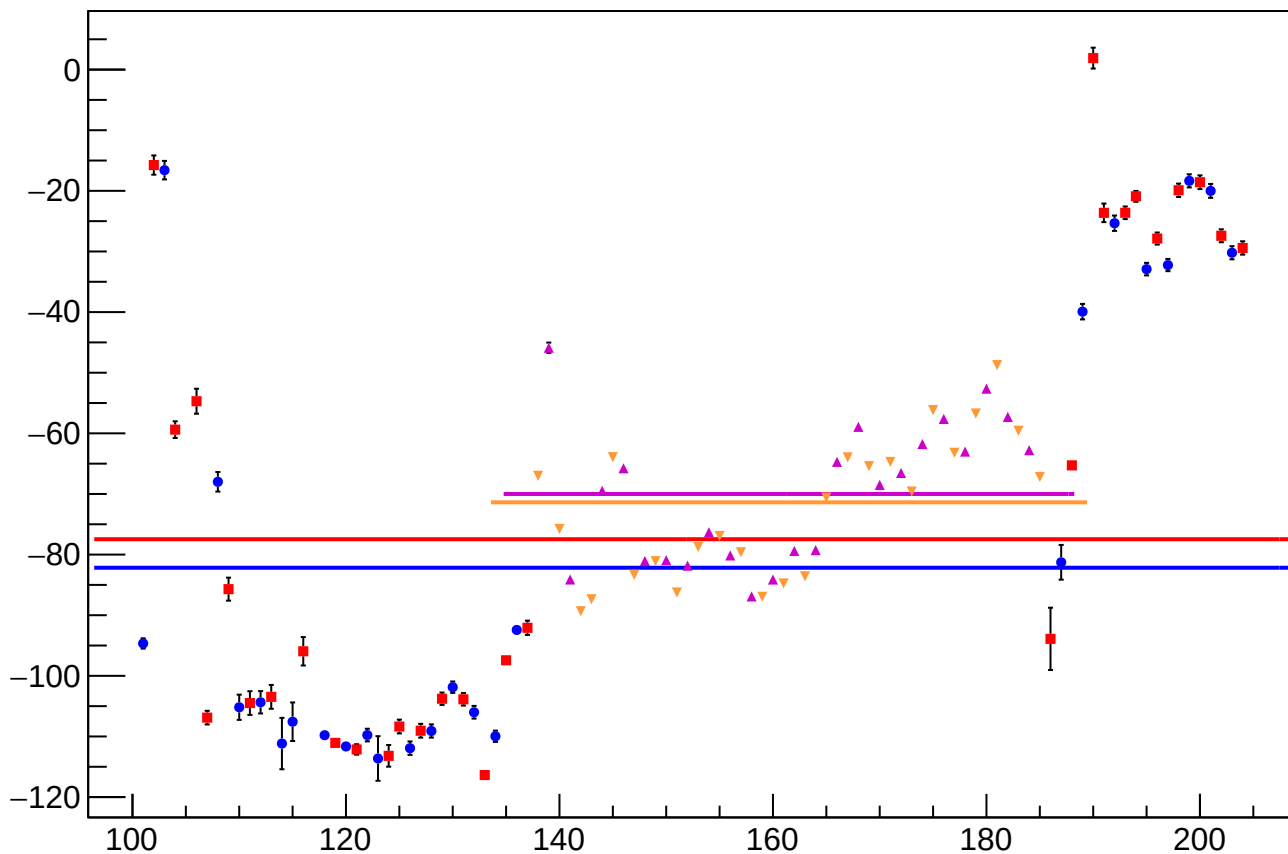
Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

+ sign 10.268 $\pm$ 0.092 χ^2 /NDF: 17274.0/49

All: 10.935 $\pm$ 0.064 χ^2 /NDF: 34248.1/101

- sign 11.551 $\pm$ 0.089 χ^2 /NDF: 16873.9/51

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -82.170 ± 0.213 $\chi^2/\text{NDF}: 26656.2/24$

Left Out: -71.379 ± 0.089 $\chi^2/\text{NDF}: 16226.2/24$

Right Out: -77.464 ± 0.199 $\chi^2/\text{NDF}: 38308.2/28$

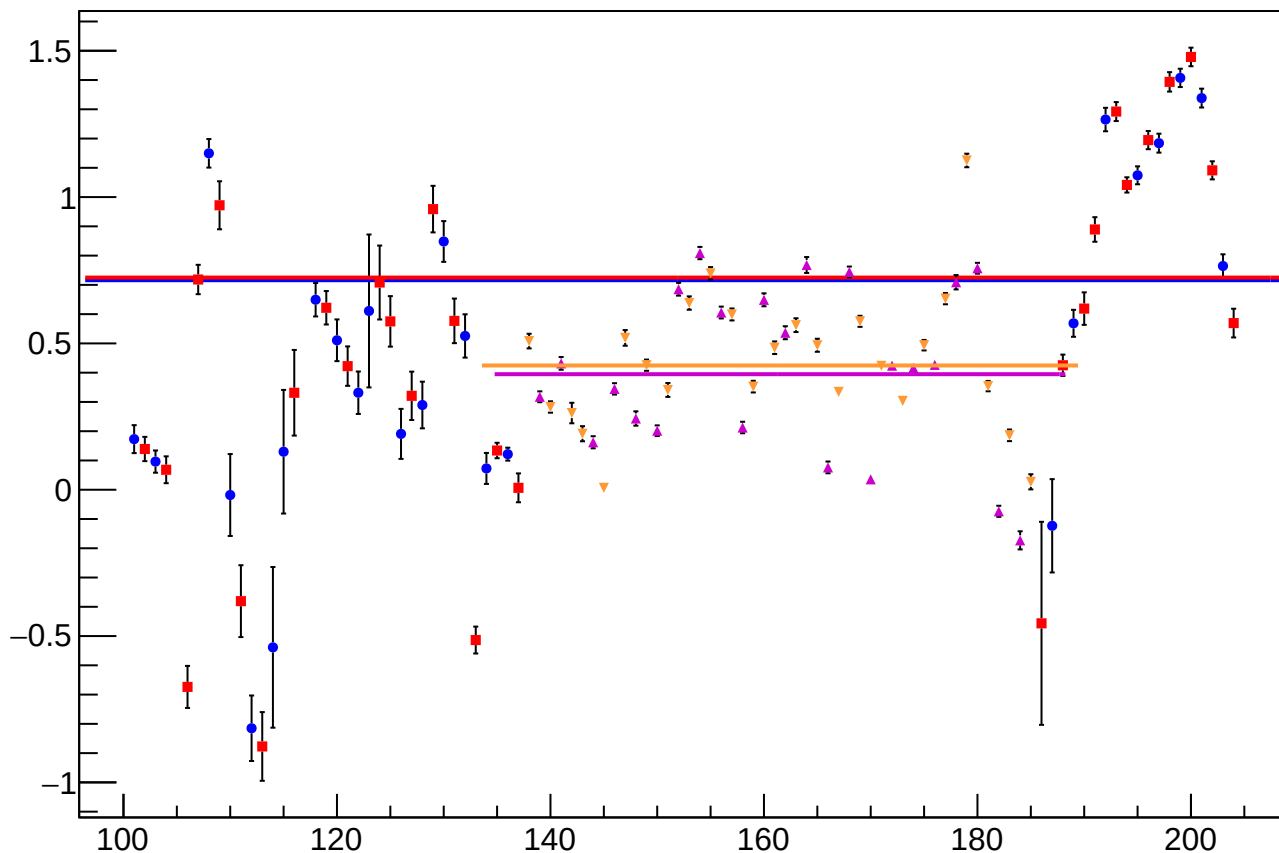
Left In: -69.999 ± 0.091 $\chi^2/\text{NDF}: 13188.0/22$

+ sign -72.994 ± 0.083 $\chi^2/\text{NDF}: 45059.7/49$

All: -72.152 ± 0.059 $\chi^2/\text{NDF}: 97925.9/101$

- sign -71.297 ± 0.083 $\chi^2/\text{NDF}: 52656.1/51$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.716 $\pm$ 0.009 χ^2 /NDF: 3137.2/24

Left Out: 0.425 $\pm$ 0.004 χ^2 /NDF: 2866.9/24

Right Out: 0.725 $\pm$ 0.008 χ^2 /NDF: 4469.0/28

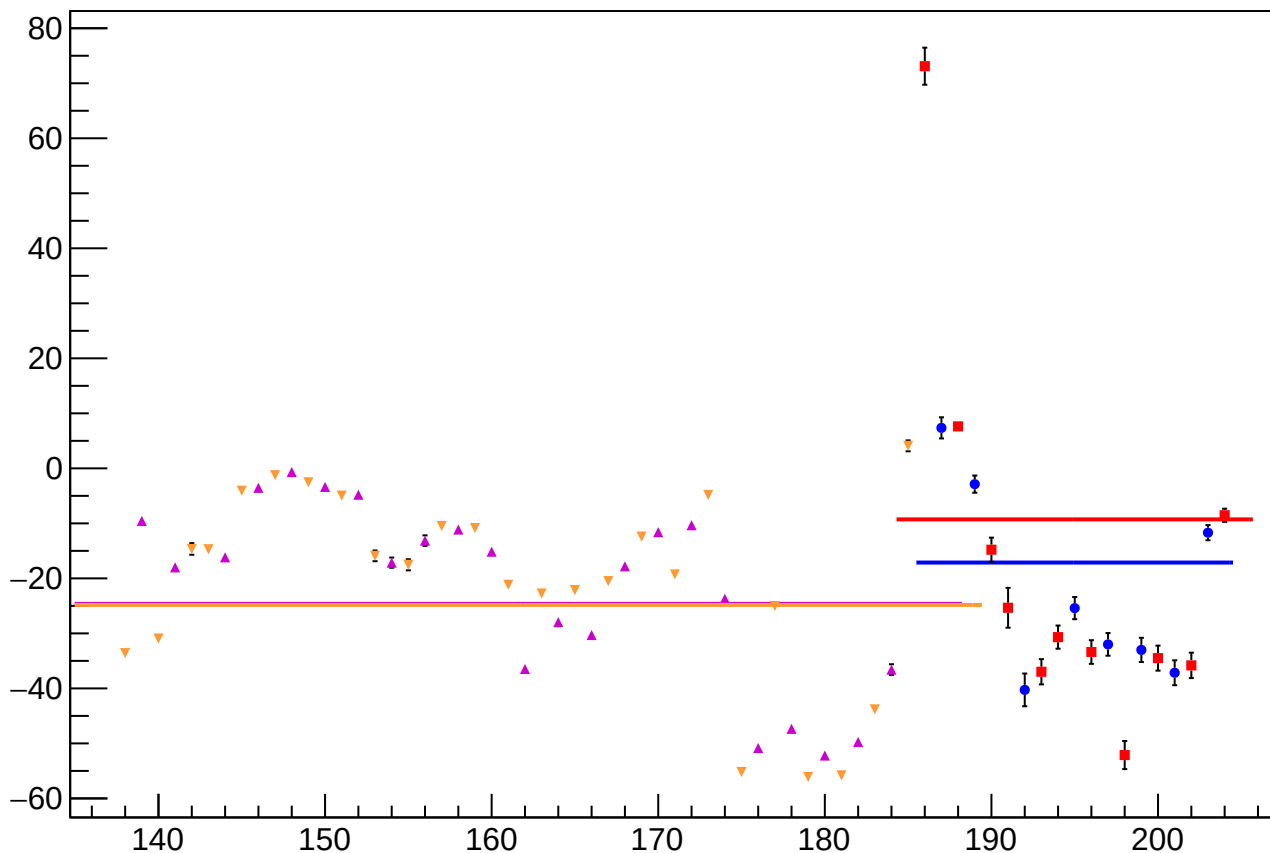
Left In: 0.395 $\pm$ 0.004 χ^2 /NDF: 4063.1/22

+ sign 0.471 $\pm$ 0.004 χ^2 /NDF: 6809.0/49

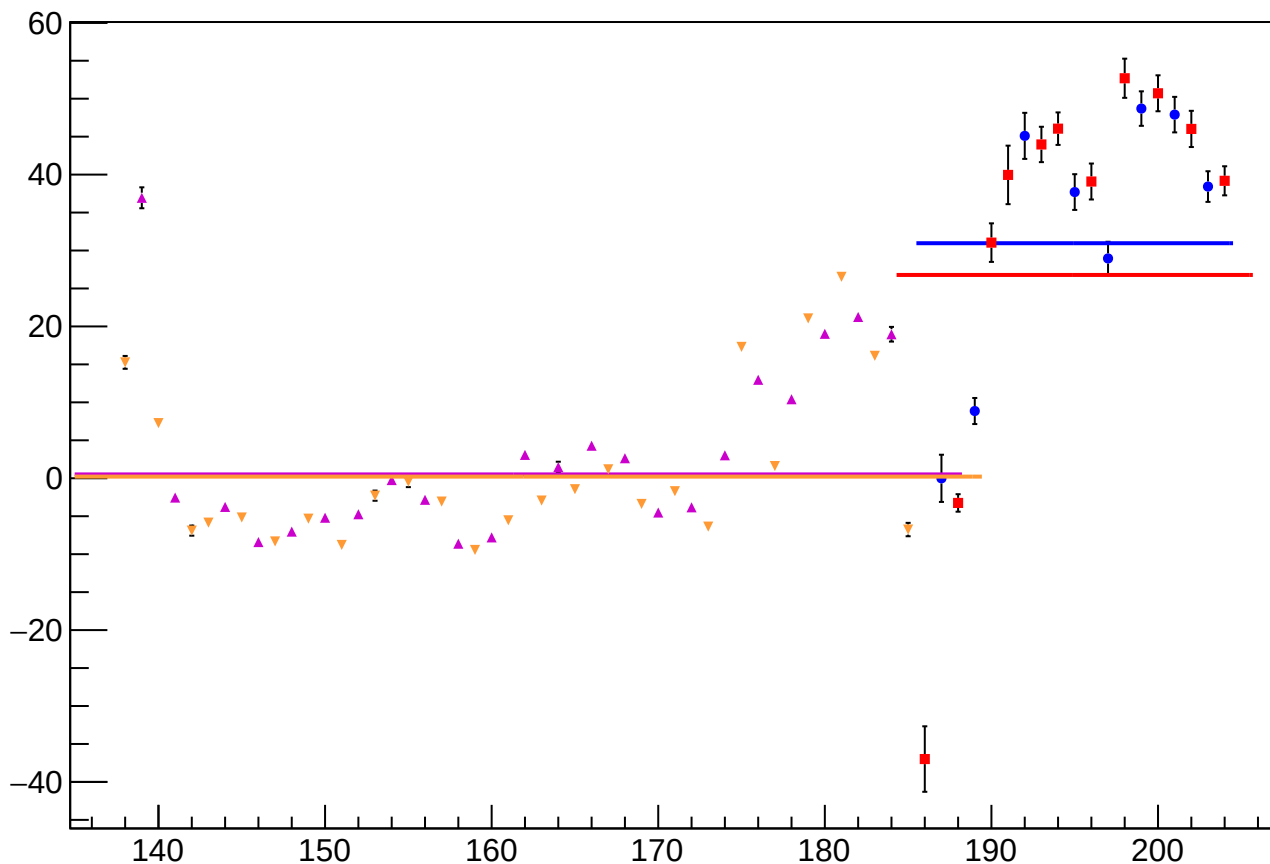
All: 0.465 $\pm$ 0.003 χ^2 /NDF: 16575.3/101

- sign 0.459 $\pm$ 0.004 χ^2 /NDF: 9760.7/51

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 30.962 $\pm$ 0.800 χ^2 /NDF: 422.6/7

Left Out: 0.218 $\pm$ 0.109 χ^2 /NDF: 8252.6/24

Right Out: 26.781 $\pm$ 0.647 χ^2 /NDF: 1384.3/10

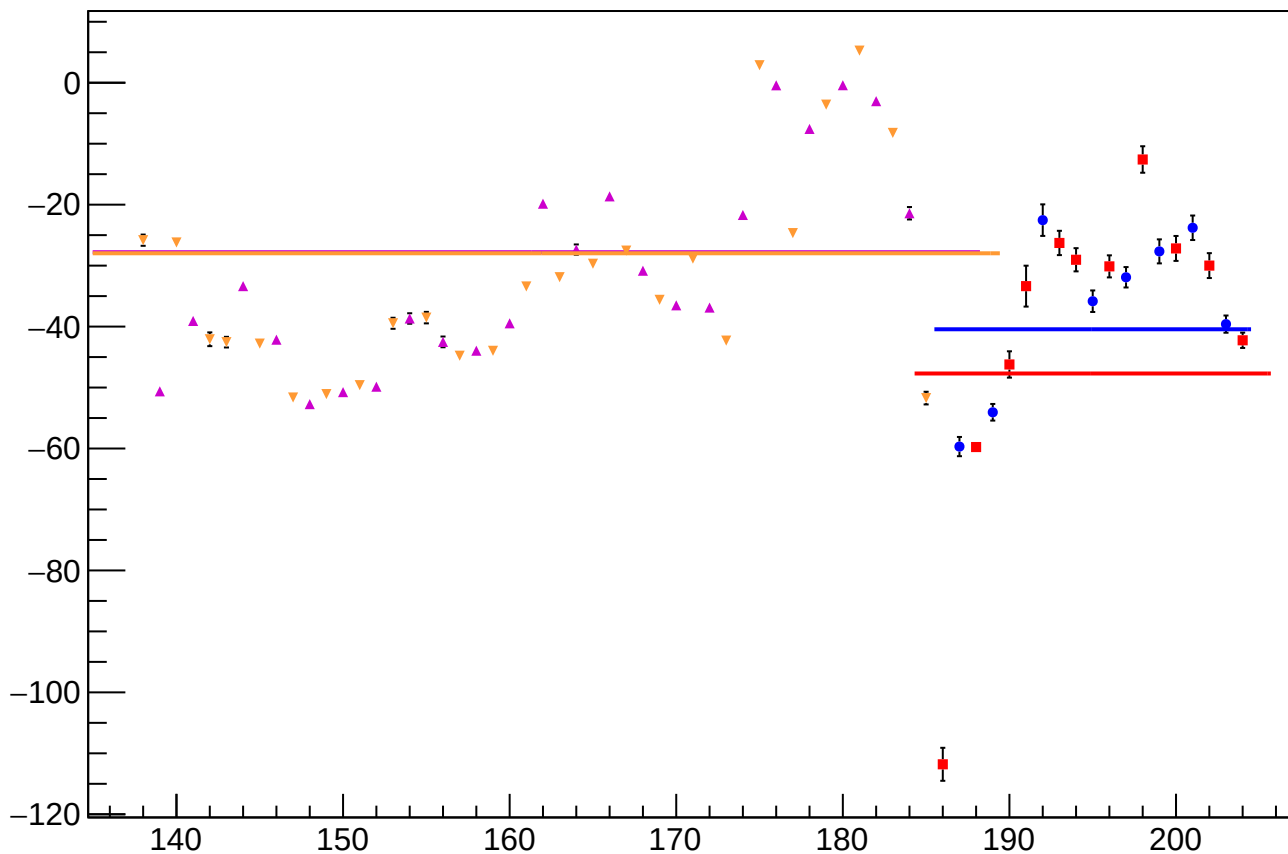
Left In: 0.507 $\pm$ 0.112 χ^2 /NDF: 6626.9/22

+ sign 0.775 $\pm$ 0.108 χ^2 /NDF: 10123.6/32

All: 1.016 $\pm$ 0.077 χ^2 /NDF: 19744.7/66

- sign 1.268 $\pm$ 0.110 χ^2 /NDF: 9610.9/33

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -40.441 ± 0.601 χ^2/NDF : 439.7/7

Left Out: -27.977 ± 0.140 χ^2/NDF : 17079.0/24

Right Out: -47.695 ± 0.448 χ^2/NDF : 1688.9/10

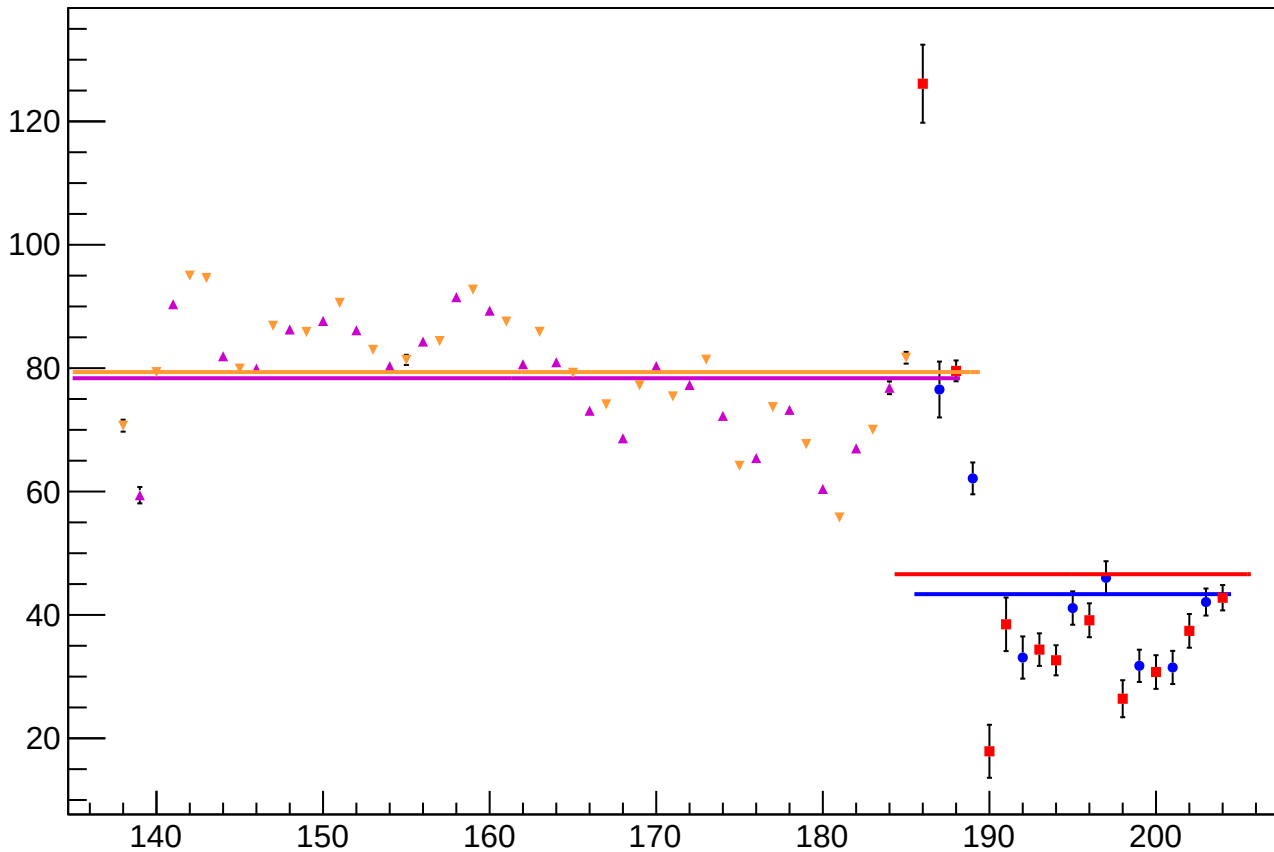
Left In: -27.796 ± 0.142 χ^2/NDF : 15193.3/22

+ sign -28.620 ± 0.136 χ^2/NDF : 17927.1/32

All: -29.119 ± 0.096 χ^2/NDF : 36628.7/66

- sign -29.607 ± 0.135 χ^2/NDF : 18675.2/33

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 43.368 ± 0.975 $\chi^2/\text{NDF}: 156.8/7$

Left Out: 79.364 ± 0.123 $\chi^2/\text{NDF}: 5966.3/24$

Right Out: 46.599 ± 0.805 $\chi^2/\text{NDF}: 743.4/10$

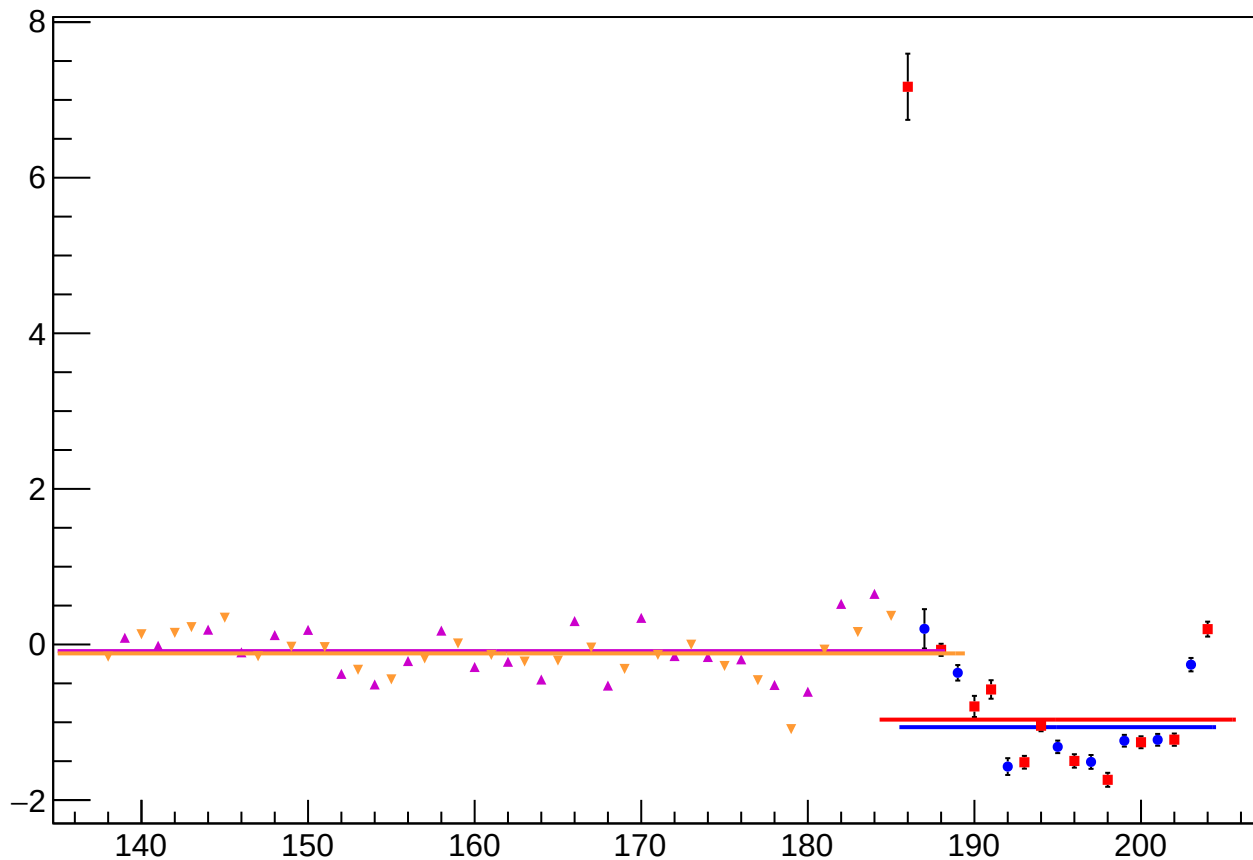
Left In: 78.367 ± 0.126 $\chi^2/\text{NDF}: 4735.5/22$

+ sign 78.796 ± 0.122 $\chi^2/\text{NDF}: 7463.9/32$

All: 78.210 ± 0.087 $\chi^2/\text{NDF}: 14510.5/66$

- sign 77.603 ± 0.125 $\chi^2/\text{NDF}: 7000.0/33$

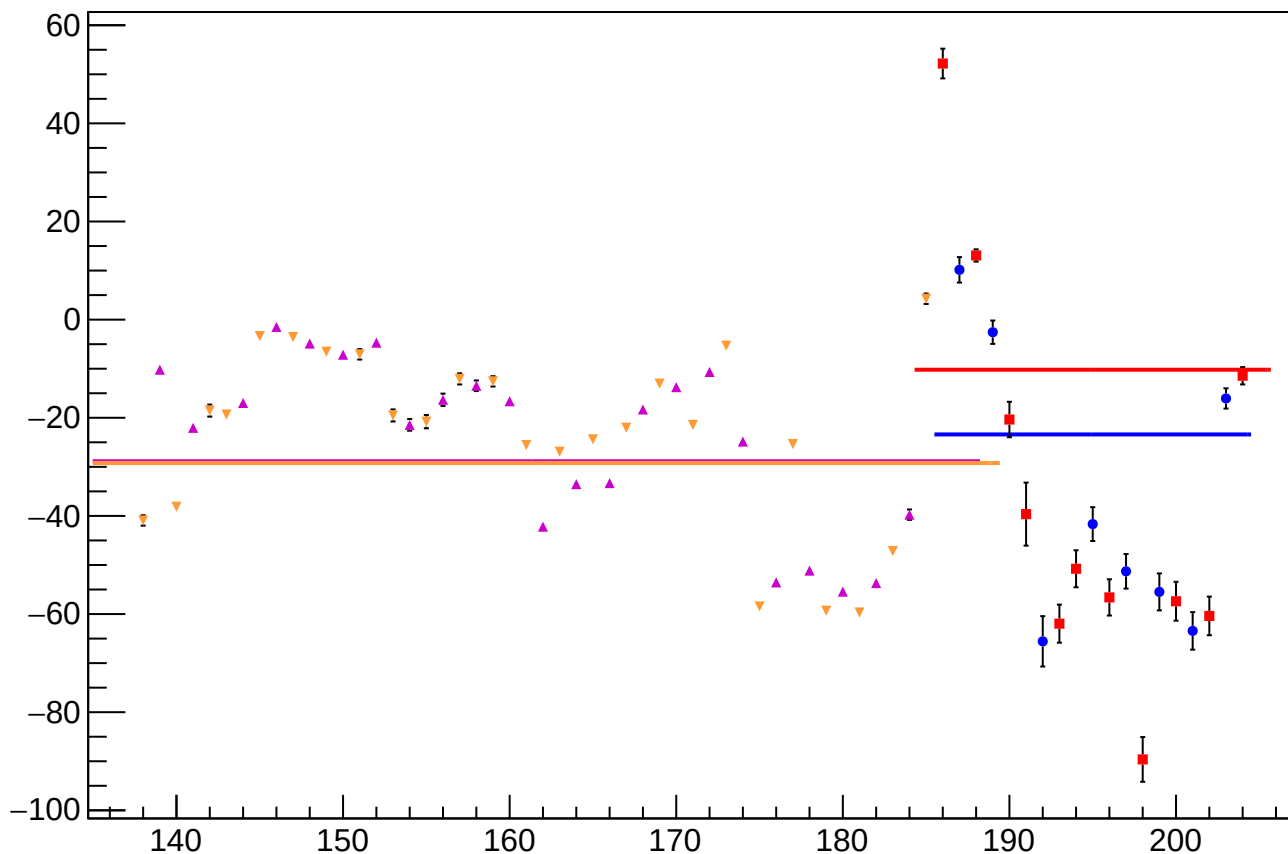
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



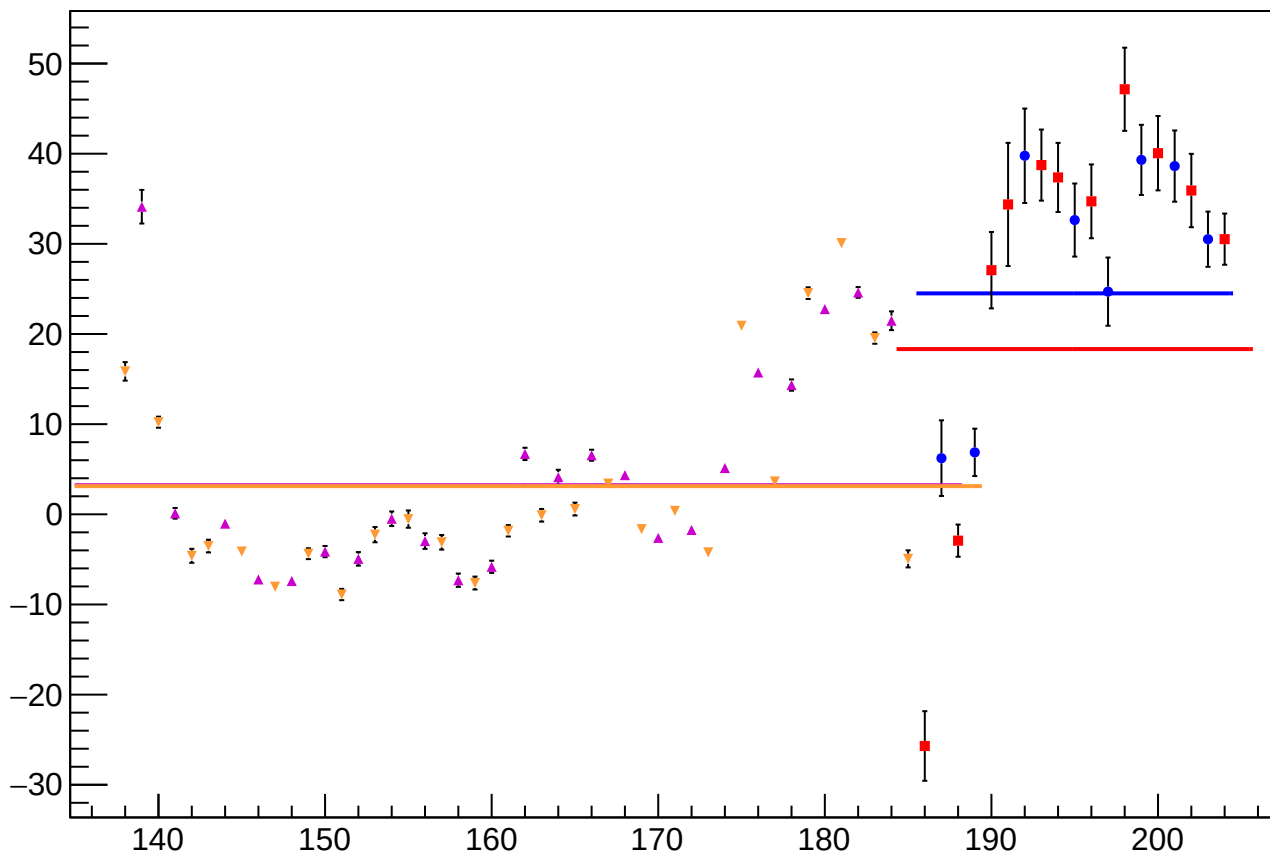
Right In: -1.063±/0.032 χ^2/NDF : 227.7/7
 Left Out: -0.115±/0.006 χ^2/NDF : 2288.7/24
 Right Out: -0.966±/0.027 χ^2/NDF : 840.1/10
 Left In: -0.085±/0.006 χ^2/NDF : 3148.4/22

+ sign -0.143±/0.006 χ^2/NDF : 3358.4/32
 All: -0.133±/0.004 χ^2/NDF : 8349.8/66
 - sign -0.123±/0.006 χ^2/NDF : 4984.6/33

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 24.506 $\pm$ 1.285 χ^2 /NDF: 107.6/7

Left Out: 3.126 $\pm$ 0.125 χ^2 /NDF:8049.0/24

Right Out: 18.328 $\pm$ 1.031 χ^2 /NDF: 452.9/10

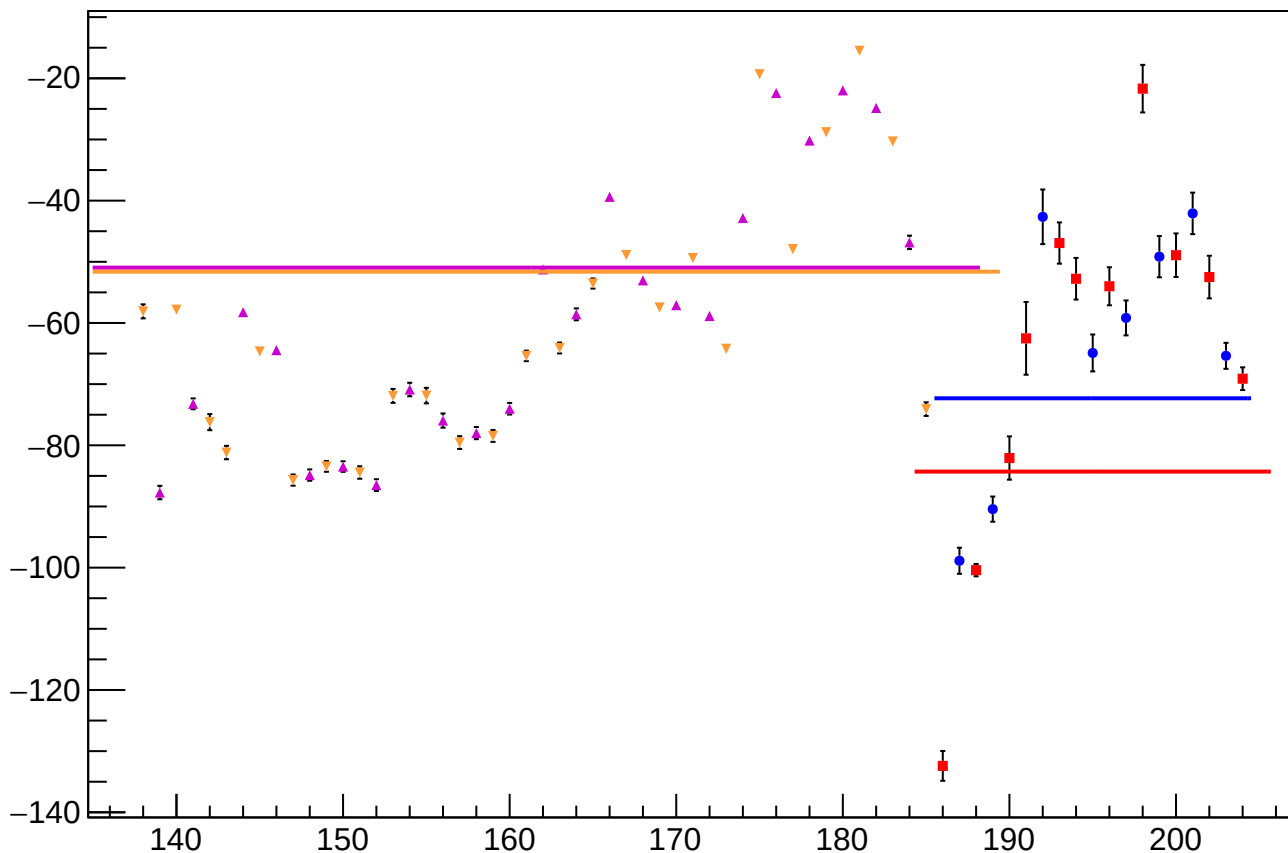
Left In: 3.224 $\pm$ 0.127 χ^2 /NDF:6274.0/22

+ sign 3.325 $\pm$ 0.124 χ^2 /NDF: 8430.8/32

All: 3.386 $\pm$ 0.088 χ^2 /NDF: 15369.5/66

- sign 3.448 $\pm$ 0.126 χ^2 /NDF: 6938.2/33

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -72.312 ± 0.939 χ^2/NDF : 440.9/7

Left Out: -51.610 ± 0.158 χ^2/NDF : 19384.9/24

Right Out: -84.298 ± 0.698 χ^2/NDF : 1470.0/10

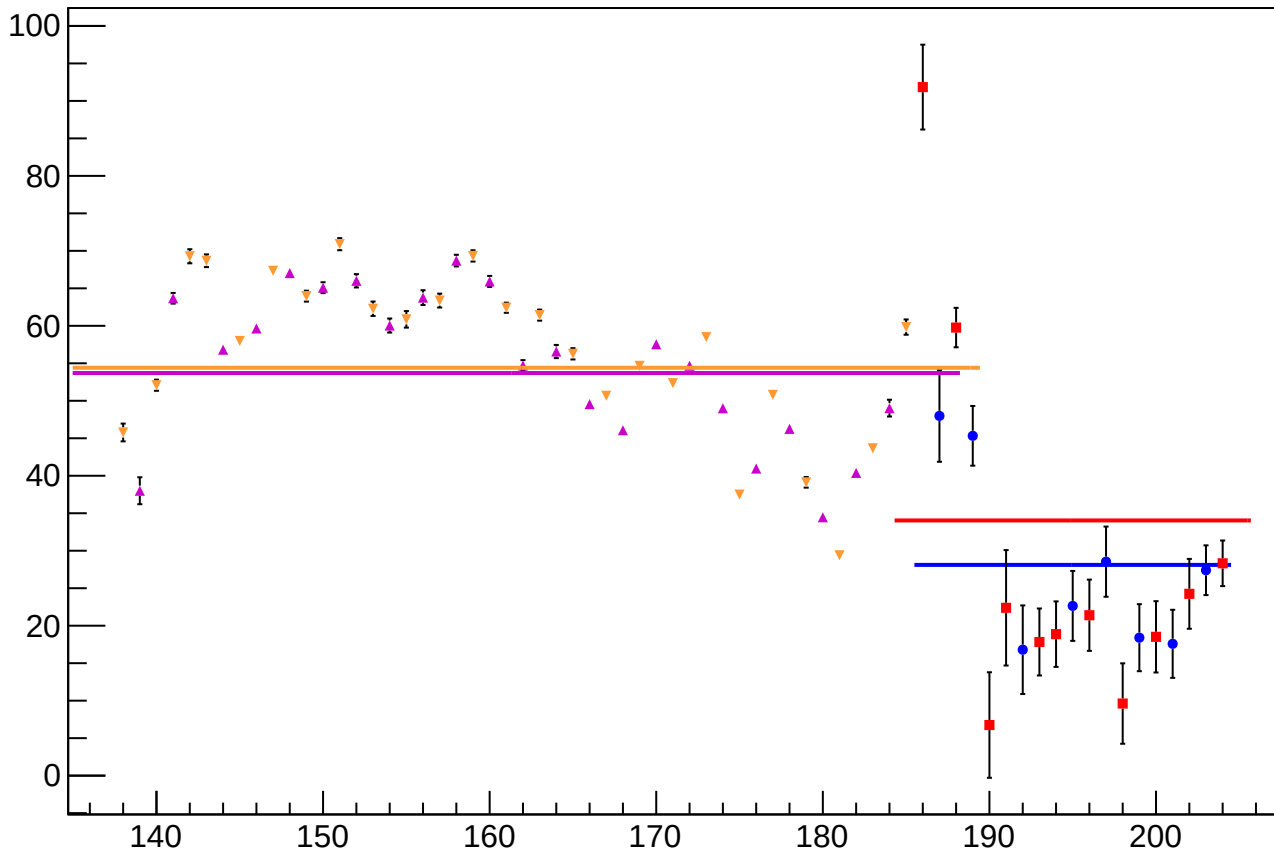
Left In: -50.954 ± 0.159 χ^2/NDF : 17472.2/22

+ sign -52.181 ± 0.156 χ^2/NDF : 20298.5/32

All: -52.394 ± 0.110 χ^2/NDF : 41411.4/66

- sign -52.606 ± 0.155 χ^2/NDF : 21109.1/33

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 28.110 ± 1.582 $\chi^2/\text{NDF}: 44.4/7$

Left Out: 54.407 ± 0.141 $\chi^2/\text{NDF}: 6200.4/24$

Right Out: 34.040 ± 1.299 $\chi^2/\text{NDF}: 288.8/10$

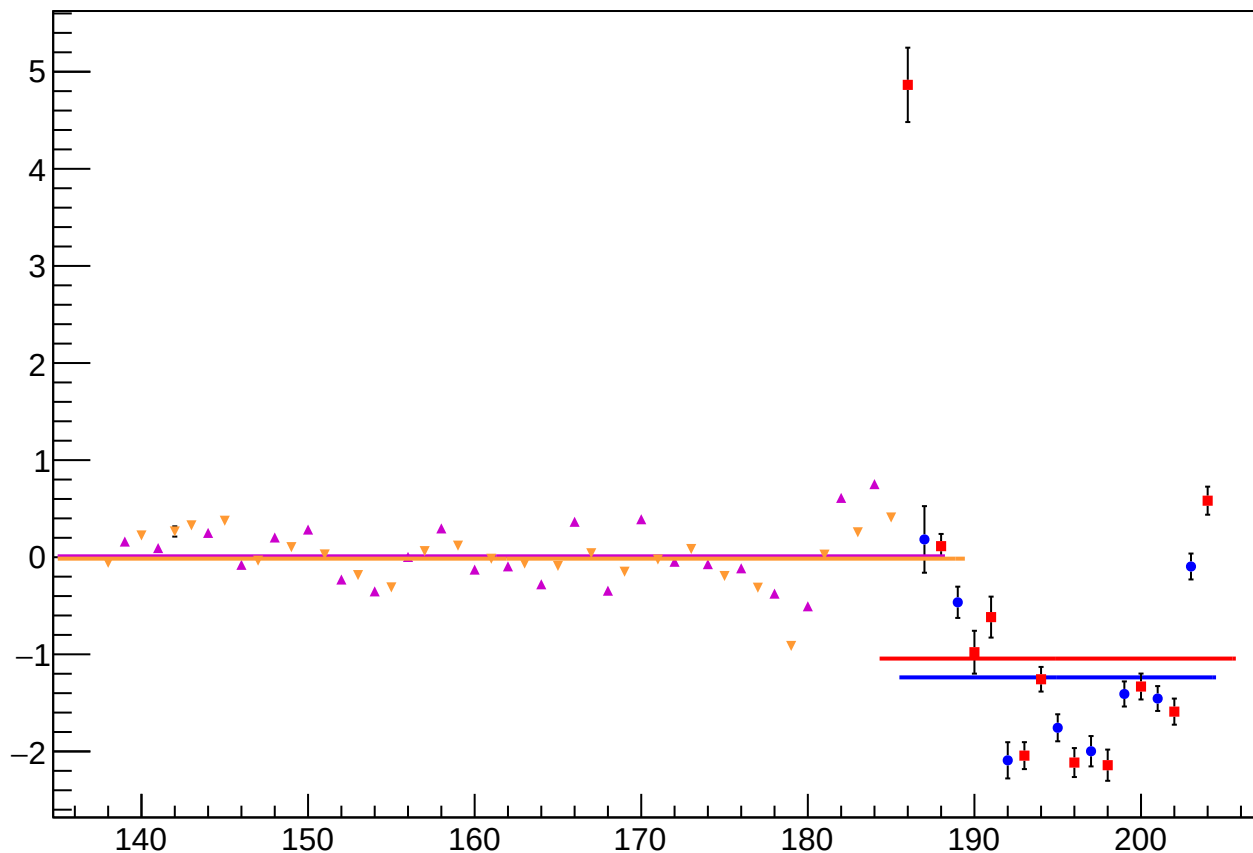
Left In: 53.704 ± 0.143 $\chi^2/\text{NDF}: 4603.5/22$

+ sign 54.201 ± 0.140 $\chi^2/\text{NDF}: 6518.9/32$

All: 53.840 ± 0.100 $\chi^2/\text{NDF}: 11651.1/66$

- sign 53.469 ± 0.142 $\chi^2/\text{NDF}: 5118.8/33$

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -1.237 ± 0.054 χ^2/NDF : 176.6/7

Left Out: -0.015 ± 0.006 χ^2/NDF : 1645.9/24

Right Out: -1.044 ± 0.046 χ^2/NDF : 627.6/10

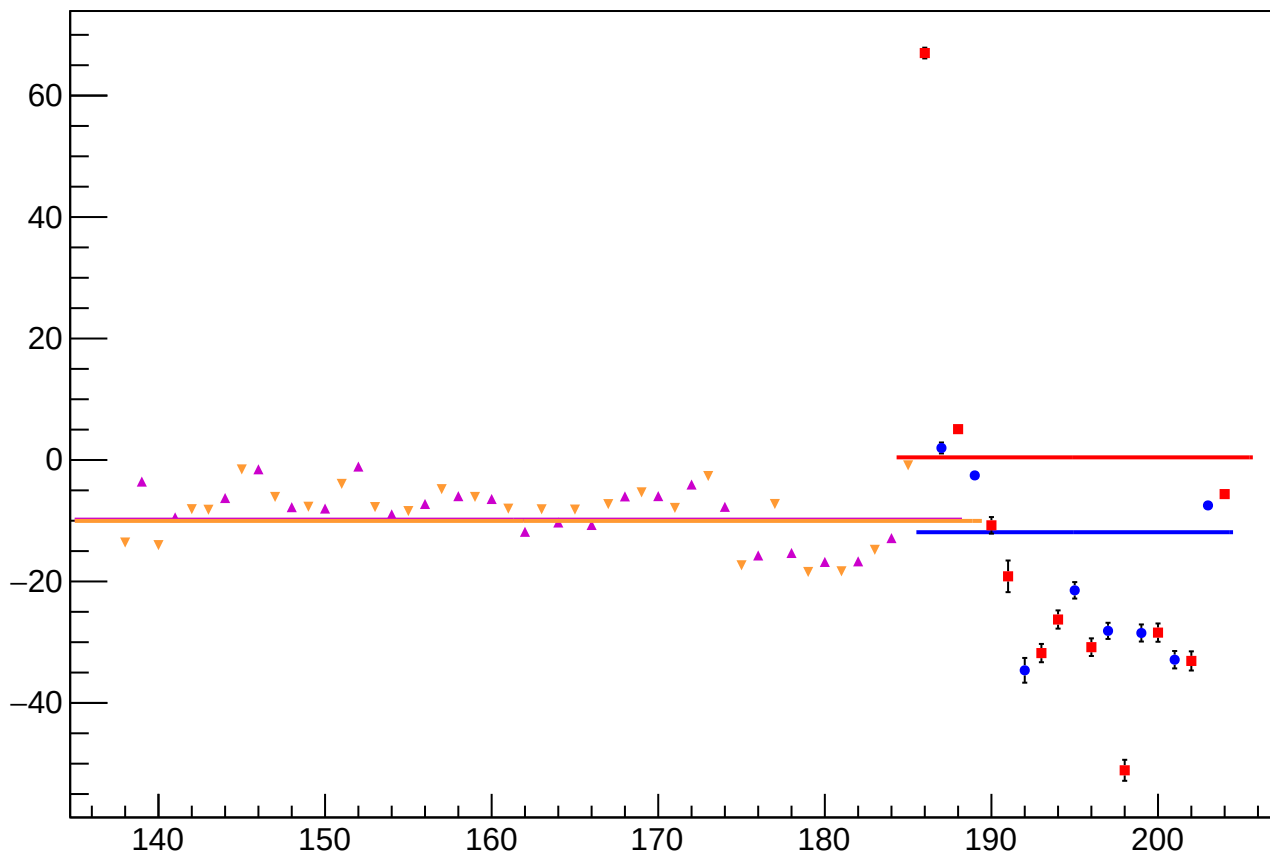
Left In: 0.009 ± 0.007 χ^2/NDF : 2228.9/22

+ sign -0.032 ± 0.006 χ^2/NDF : 2331.7/32

All: -0.022 ± 0.005 χ^2/NDF : 5704.6/66

- sign -0.011 ± 0.006 χ^2/NDF : 3367.7/33

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -11.891 ± 0.383 $\chi^2/\text{NDF}: 1075.5/7$

Left Out: -10.030 ± 0.051 $\chi^2/\text{NDF}: 12530.2/24$

Right Out: 0.433 ± 0.288 $\chi^2/\text{NDF}: 8929.1/10$

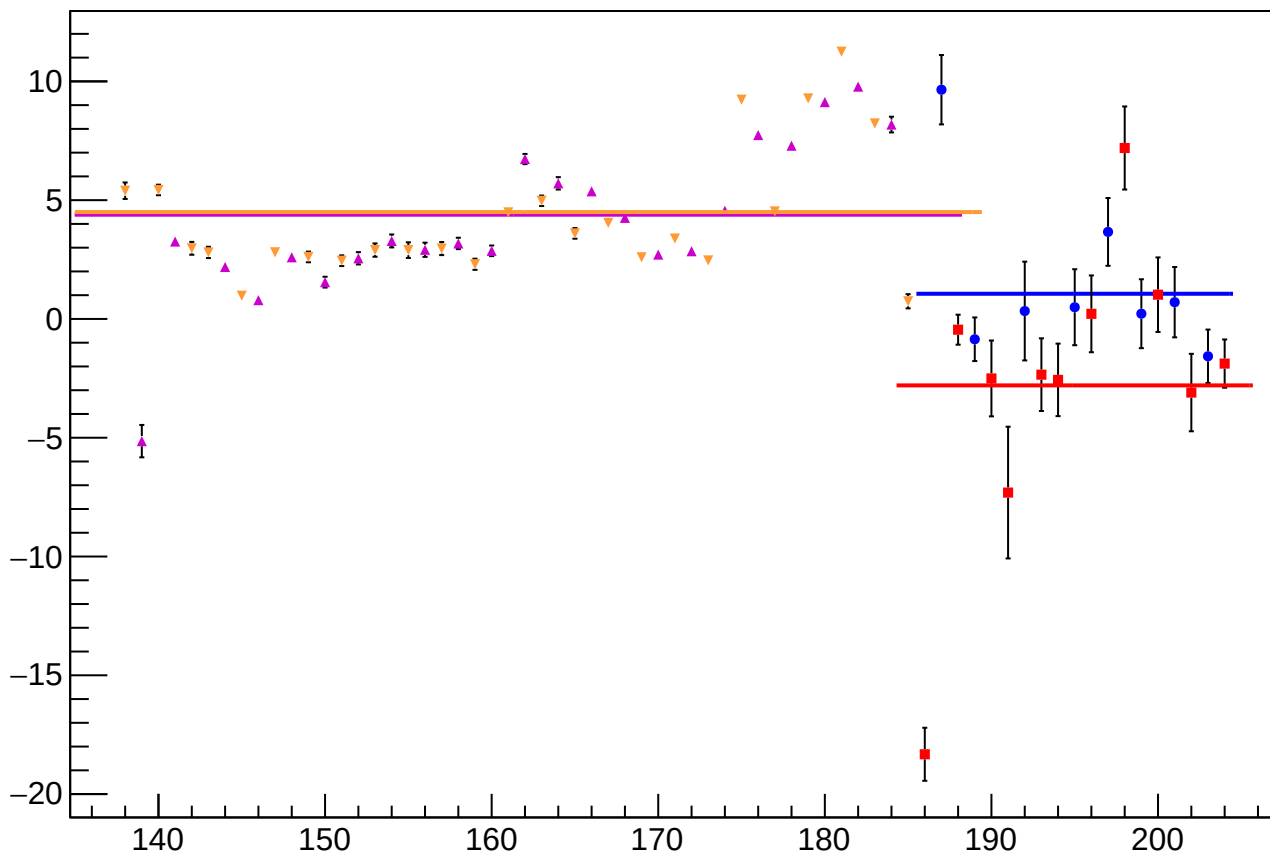
Left In: -9.820 ± 0.051 $\chi^2/\text{NDF}: 9468.8/22$

+ sign -10.062 ± 0.050 $\chi^2/\text{NDF}: 13628.9/32$

All: -9.784 ± 0.036 $\chi^2/\text{NDF}: 33315.7/66$

- sign -9.506 ± 0.050 $\chi^2/\text{NDF}: 19625.9/33$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 1.060 ± 0.472 $\chi^2/\text{NDF}: 48.4/7$

Left Out: 4.499 ± 0.041 $\chi^2/\text{NDF}: 4809.3/24$

Right Out: -2.797 ± 0.374 $\chi^2/\text{NDF}: 253.1/10$

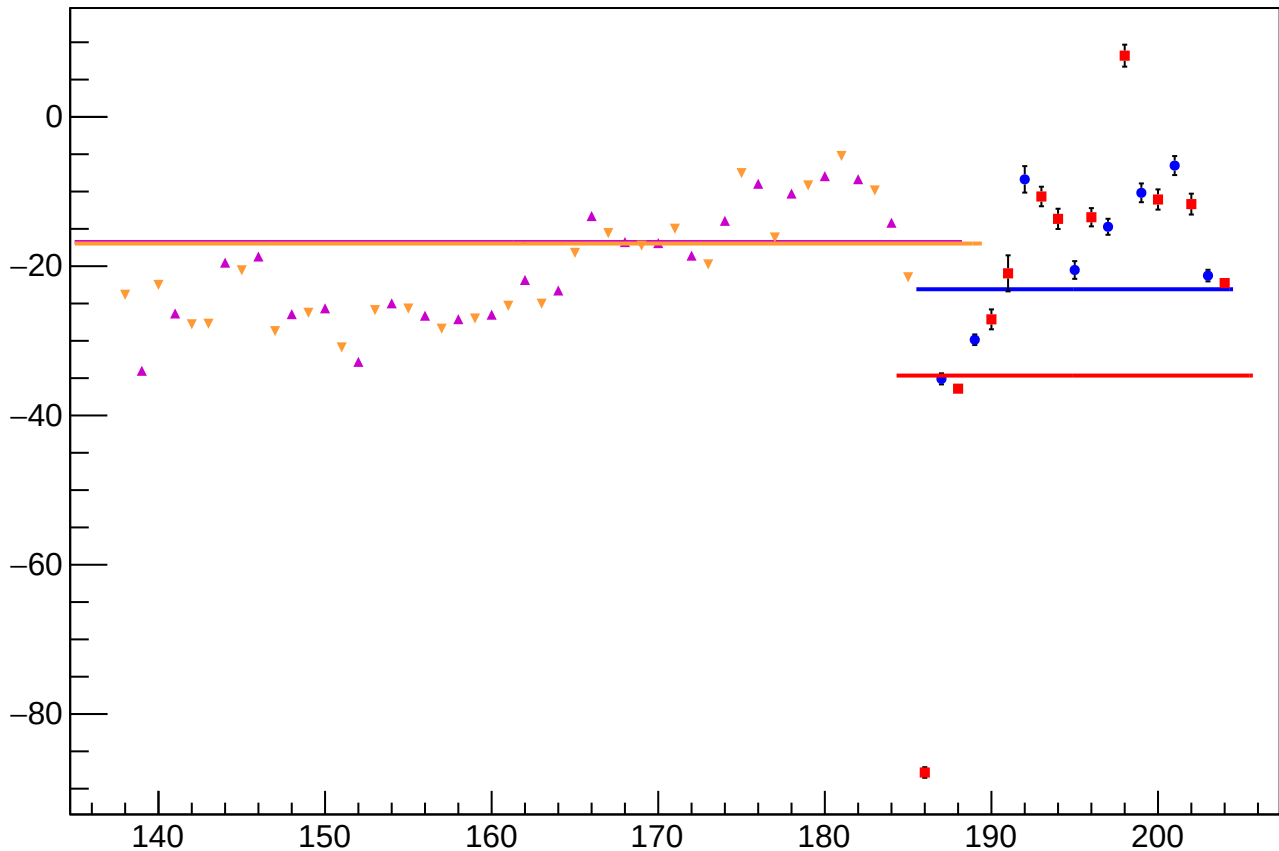
Left In: 4.388 ± 0.041 $\chi^2/\text{NDF}: 4266.4/22$

+ sign 4.473 ± 0.041 $\chi^2/\text{NDF}: 4910.5/32$

All: 4.388 ± 0.029 $\chi^2/\text{NDF}: 9803.9/66$

- sign 4.302 ± 0.041 $\chi^2/\text{NDF}: 4884.6/33$

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -23.090 ± 0.341 $\chi^2/\text{NDF}: 768.1/7$

Left Out: -16.965 ± 0.051 $\chi^2/\text{NDF}: 21902.1/24$

Right Out: -34.654 ± 0.250 $\chi^2/\text{NDF}: 8330.1/10$

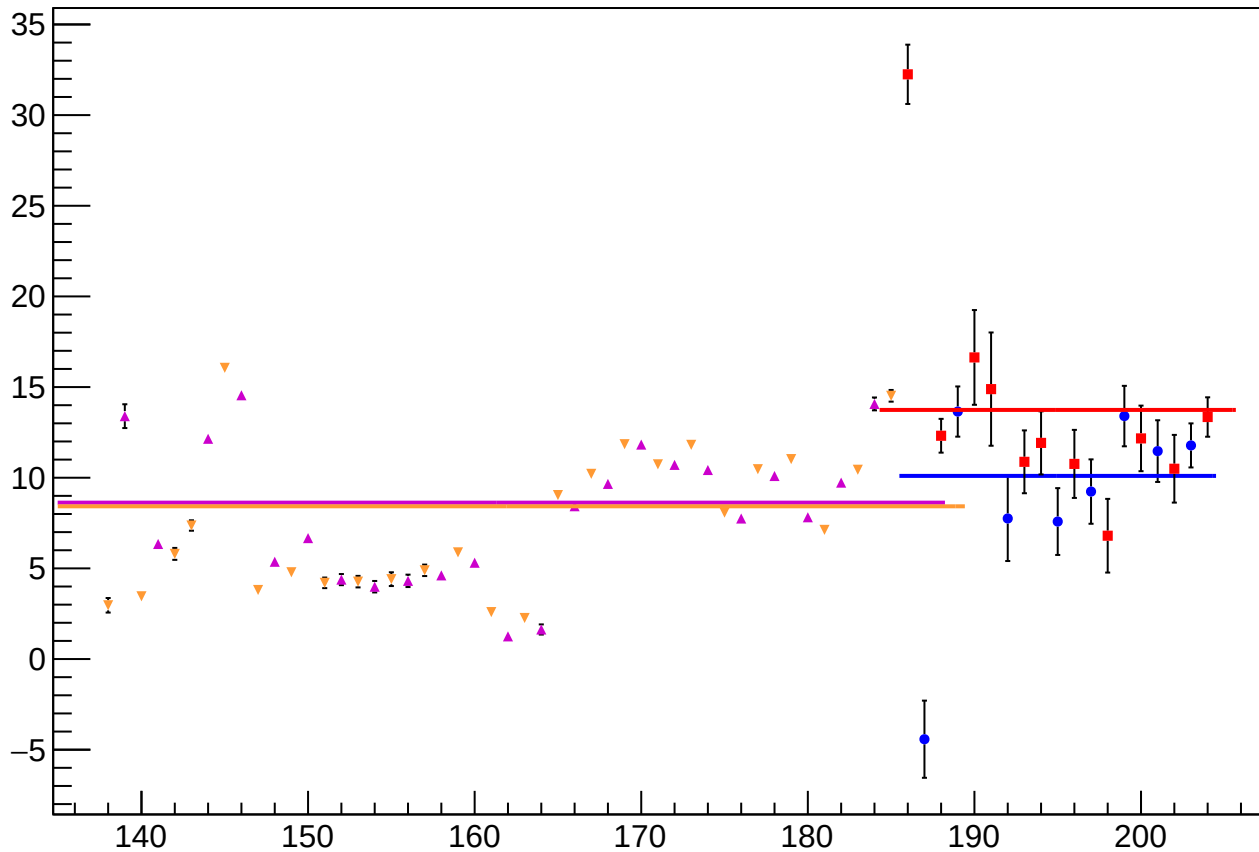
Left In: -16.764 ± 0.051 $\chi^2/\text{NDF}: 19037.7/22$

+ sign -17.100 ± 0.051 $\chi^2/\text{NDF}: 22986.2/32$

All: -17.296 ± 0.036 $\chi^2/\text{NDF}: 55310.1/66$

- sign -17.490 ± 0.050 $\chi^2/\text{NDF}: 32294.1/33$

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 10.101 ± 0.585 $\chi^2/\text{NDF}: 62.7/7$

Left Out: 8.424 ± 0.046 $\chi^2/\text{NDF}: 6478.6/24$

Right Out: 13.740 ± 0.477 $\chi^2/\text{NDF}: 153.7/10$

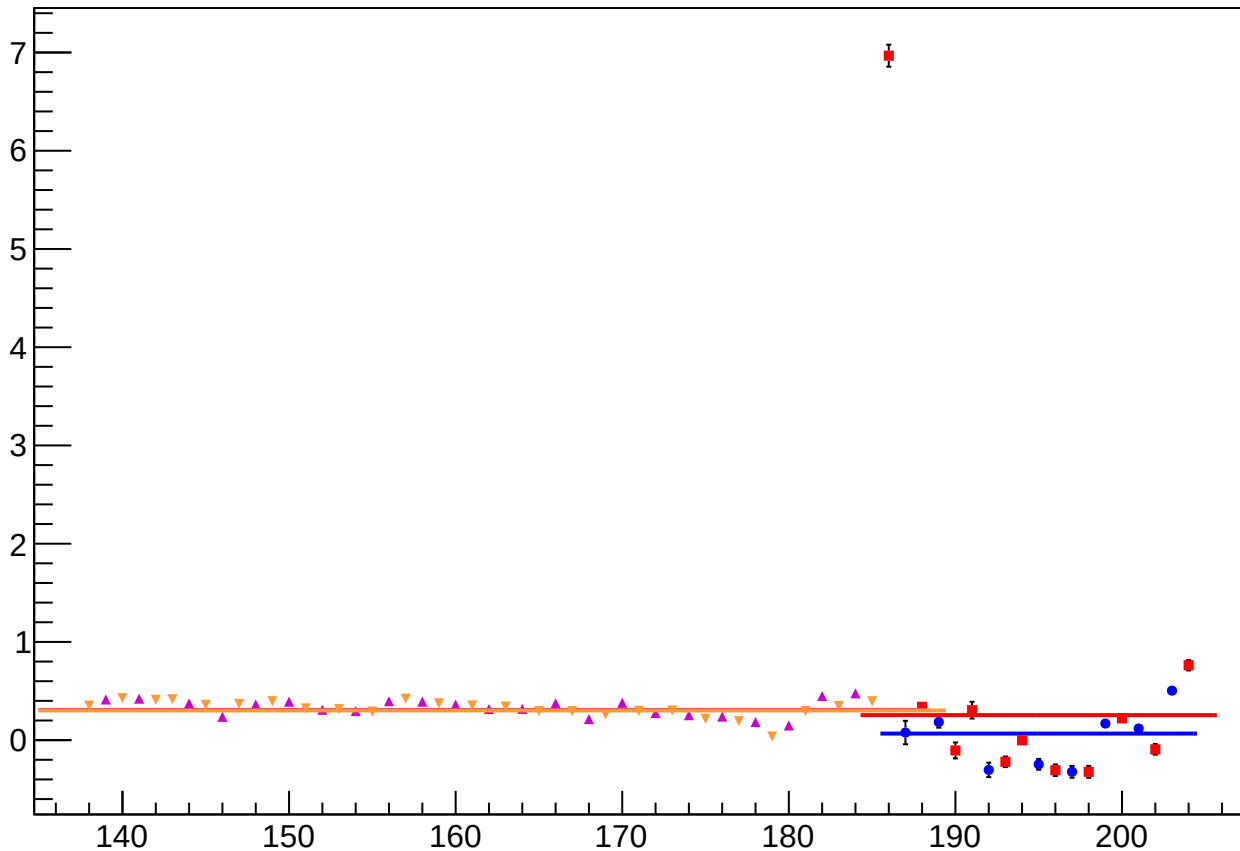
Left In: 8.626 ± 0.046 $\chi^2/\text{NDF}: 5531.9/22$

+ sign 8.434 ± 0.046 $\chi^2/\text{NDF}: 6549.5/32$

All: 8.553 ± 0.032 $\chi^2/\text{NDF}: 12362.9/66$

- sign 8.673 ± 0.046 $\chi^2/\text{NDF}: 5799.7/33$

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.020 χ^2/NDF : 186.6/7

Left Out: 0.302 ± 0.002 χ^2/NDF : 1589.8/24

Right Out: 0.255 ± 0.018 χ^2/NDF : 4024.9/10

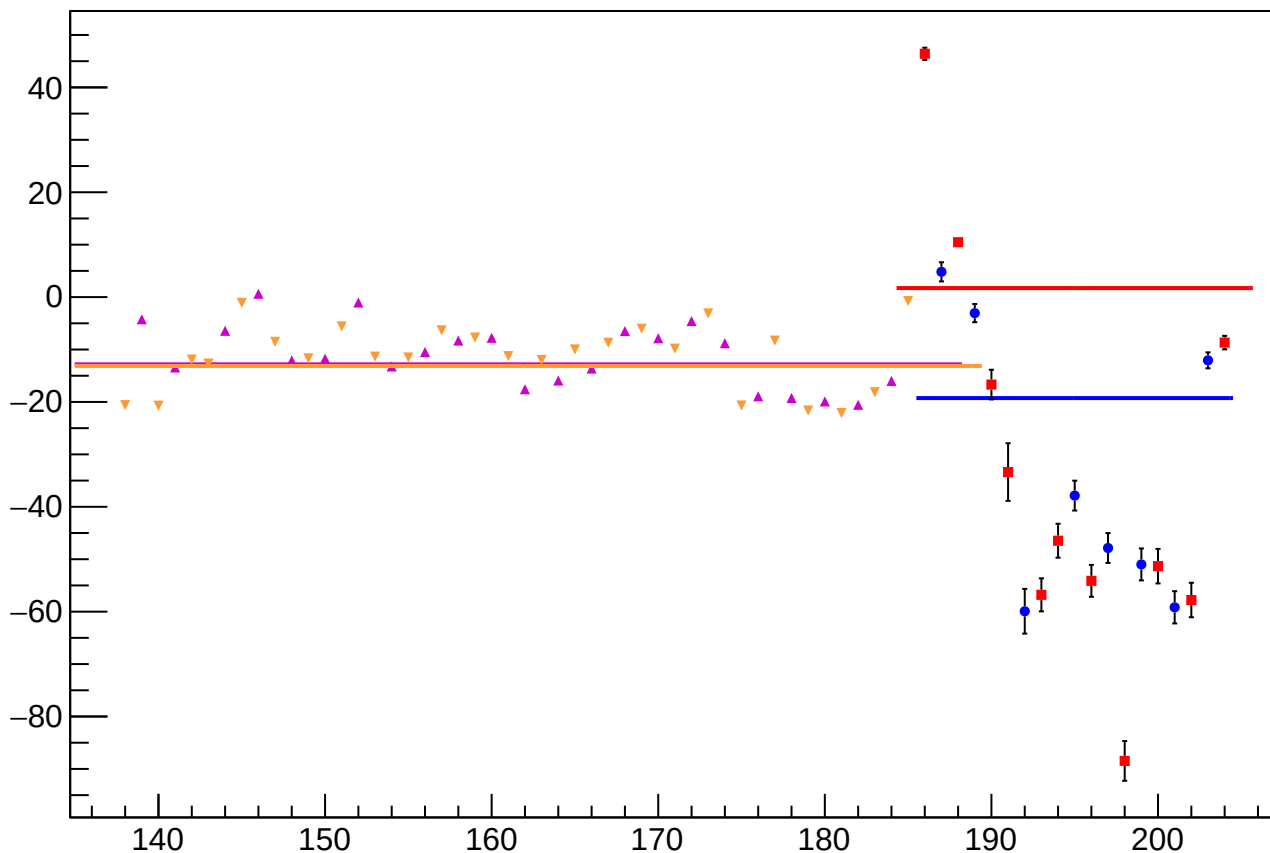
Left In: 0.307 ± 0.002 χ^2/NDF : 1716.8/22

+ sign 0.300 ± 0.002 χ^2/NDF : 1910.0/32

All: 0.303 ± 0.001 χ^2/NDF : 7665.5/66

- sign 0.306 ± 0.002 χ^2/NDF : 5750.5/33

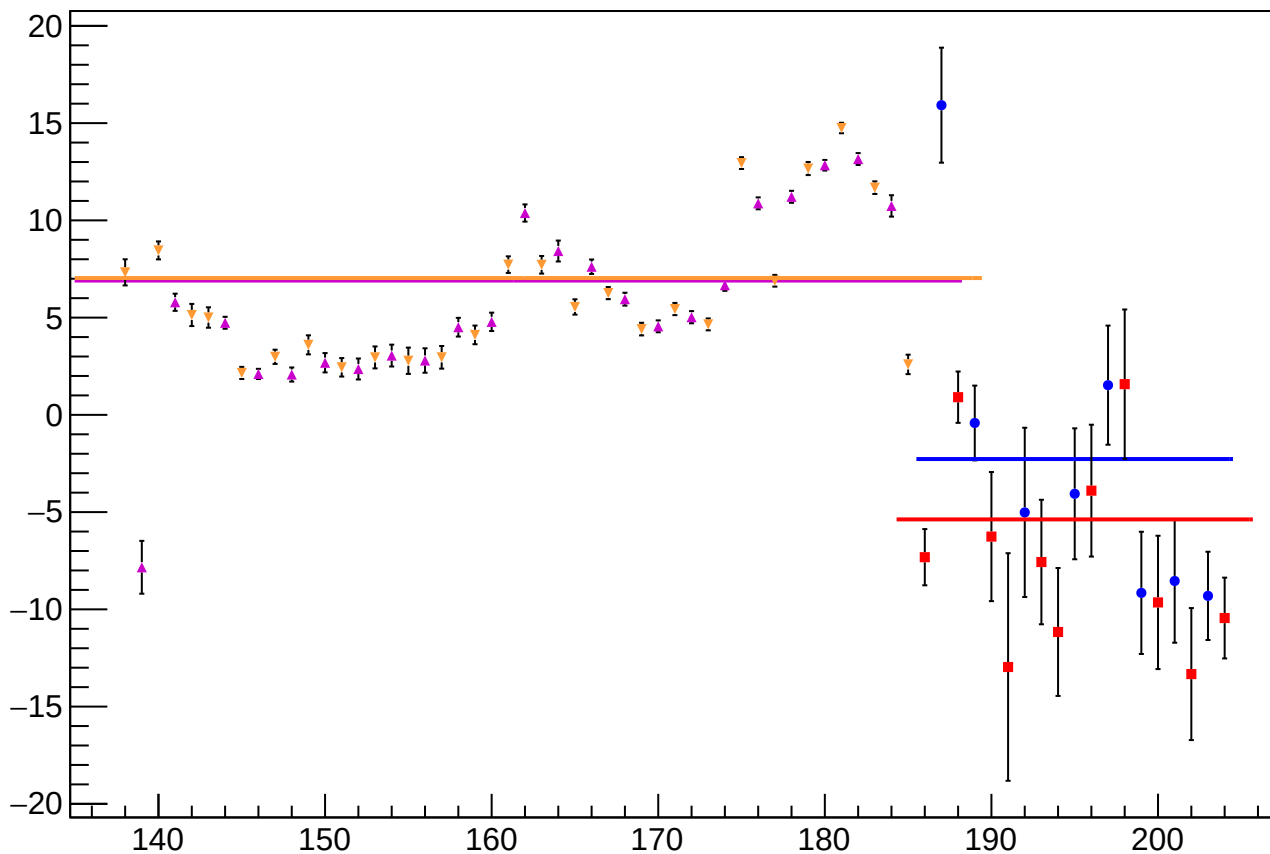
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -19.260 ± 0.796 $\chi^2/\text{NDF}: 794.7/7$
 Left Out: -13.133 ± 0.094 $\chi^2/\text{NDF}: 5974.5/24$
 Right Out: 1.726 ± 0.559 $\chi^2/\text{NDF}: 3760.3/10$
 Left In: -12.823 ± 0.095 $\chi^2/\text{NDF}: 4841.5/22$

+ sign -13.216 ± 0.093 $\chi^2/\text{NDF}: 6827.7/32$
 All: -12.818 ± 0.066 $\chi^2/\text{NDF}: 16125.1/66$
 - sign -12.417 ± 0.093 $\chi^2/\text{NDF}: 9260.6/33$

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: -2.272 ± 0.987 χ^2/NDF : 59.3/7

Left Out: 7.034 ± 0.077 χ^2/NDF : 2657.5/24

Right Out: -5.376 ± 0.721 χ^2/NDF : 46.3/10

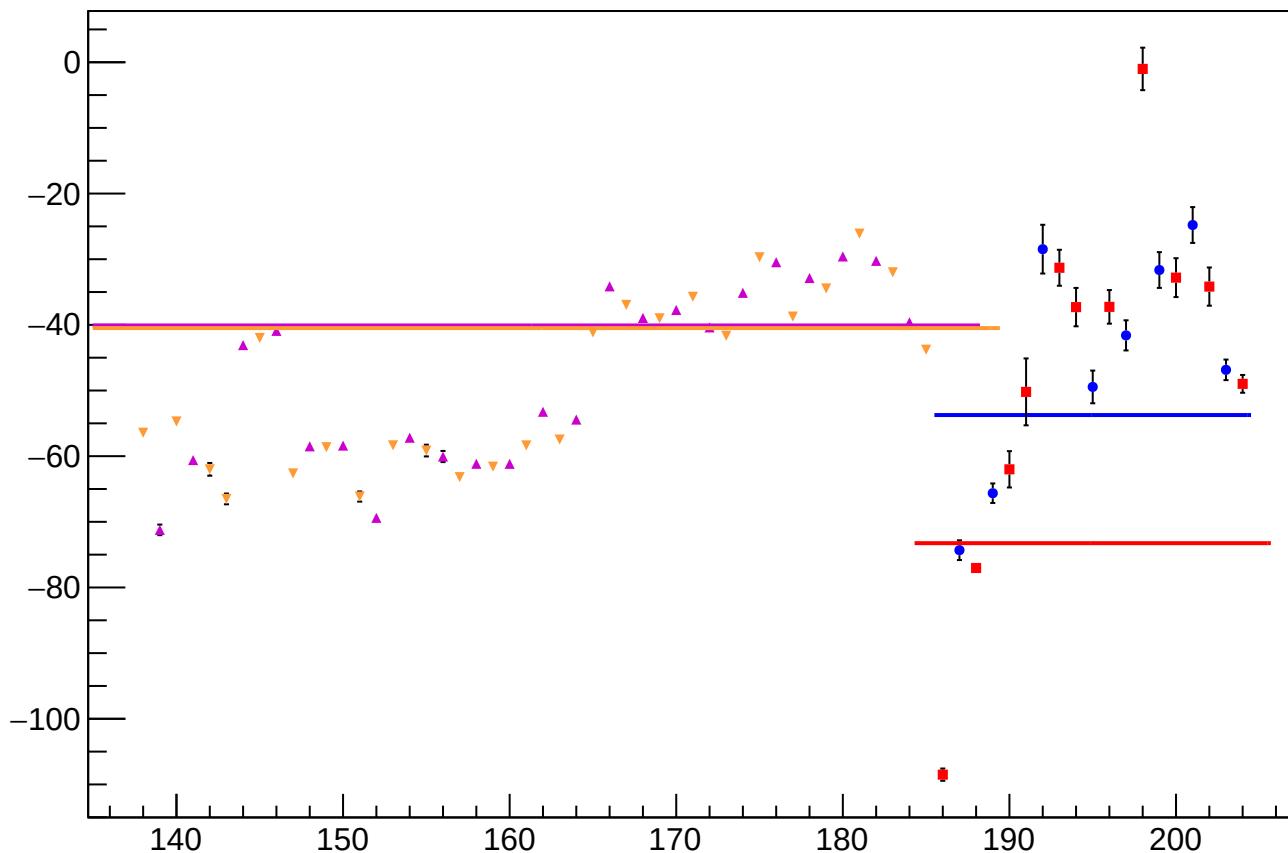
Left In: 6.906 ± 0.077 χ^2/NDF : 2442.8/22

+ sign 6.977 ± 0.077 χ^2/NDF : 2805.2/32

All: 6.872 ± 0.054 χ^2/NDF : 5584.6/66

- sign 6.766 ± 0.077 χ^2/NDF : 2775.6/33

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -53.735 ± 0.708 $\chi^2/\text{NDF}: 526.5/7$

Left Out: -40.492 ± 0.095 $\chi^2/\text{NDF}: 15435.0/24$

Right Out: -73.250 ± 0.479 $\chi^2/\text{NDF}: 3251.6/10$

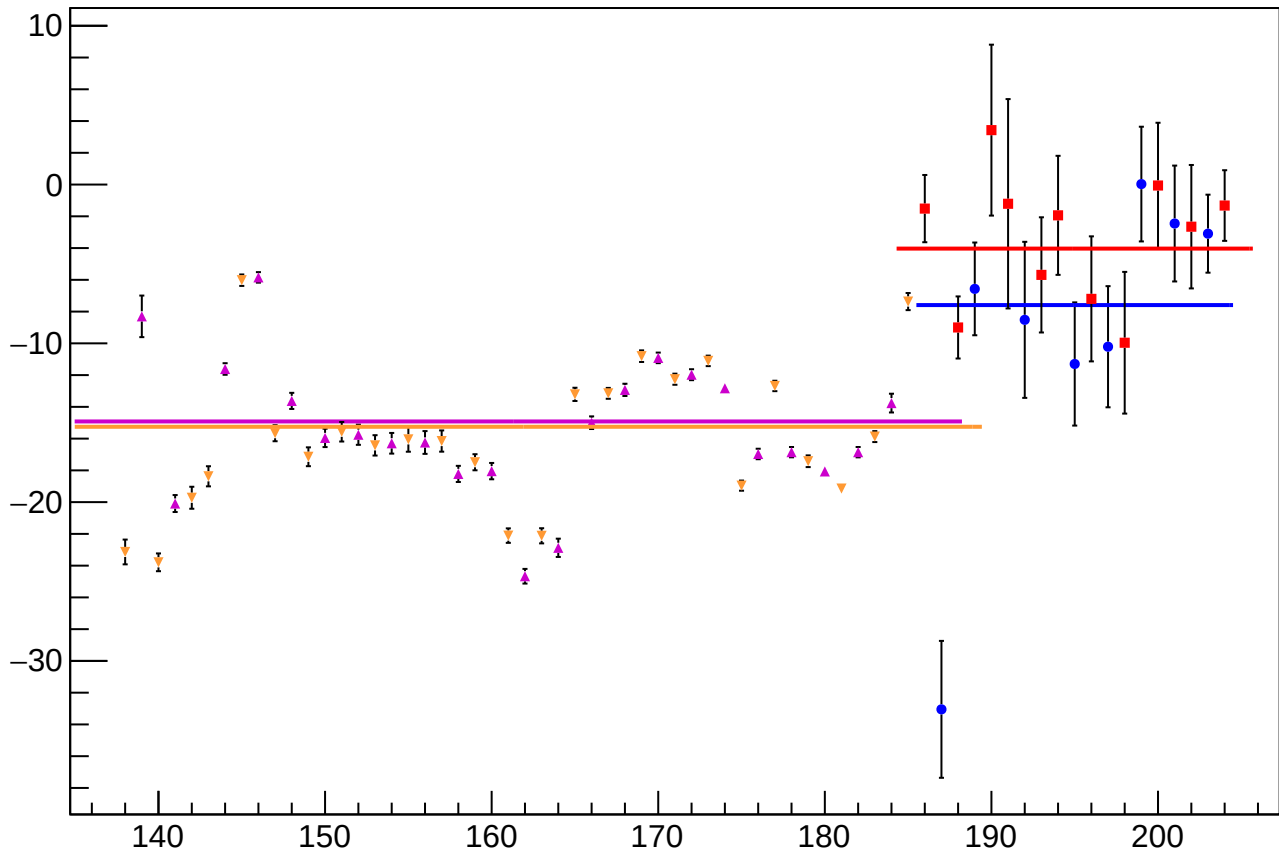
Left In: -40.091 ± 0.095 $\chi^2/\text{NDF}: 14103.5/22$

+ sign -40.726 ± 0.094 $\chi^2/\text{NDF}: 16305.2/32$

All: -41.041 ± 0.066 $\chi^2/\text{NDF}: 38290.6/66$

- sign -41.352 ± 0.093 $\chi^2/\text{NDF}: 21963.0/33$

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -7.590 ± 1.226 $\chi^2/\text{NDF}: 46.2/7$

Left Out: -15.254 ± 0.086 $\chi^2/\text{NDF}: 2594.4/24$

Right Out: -4.033 ± 0.938 $\chi^2/\text{NDF}: 15.5/10$

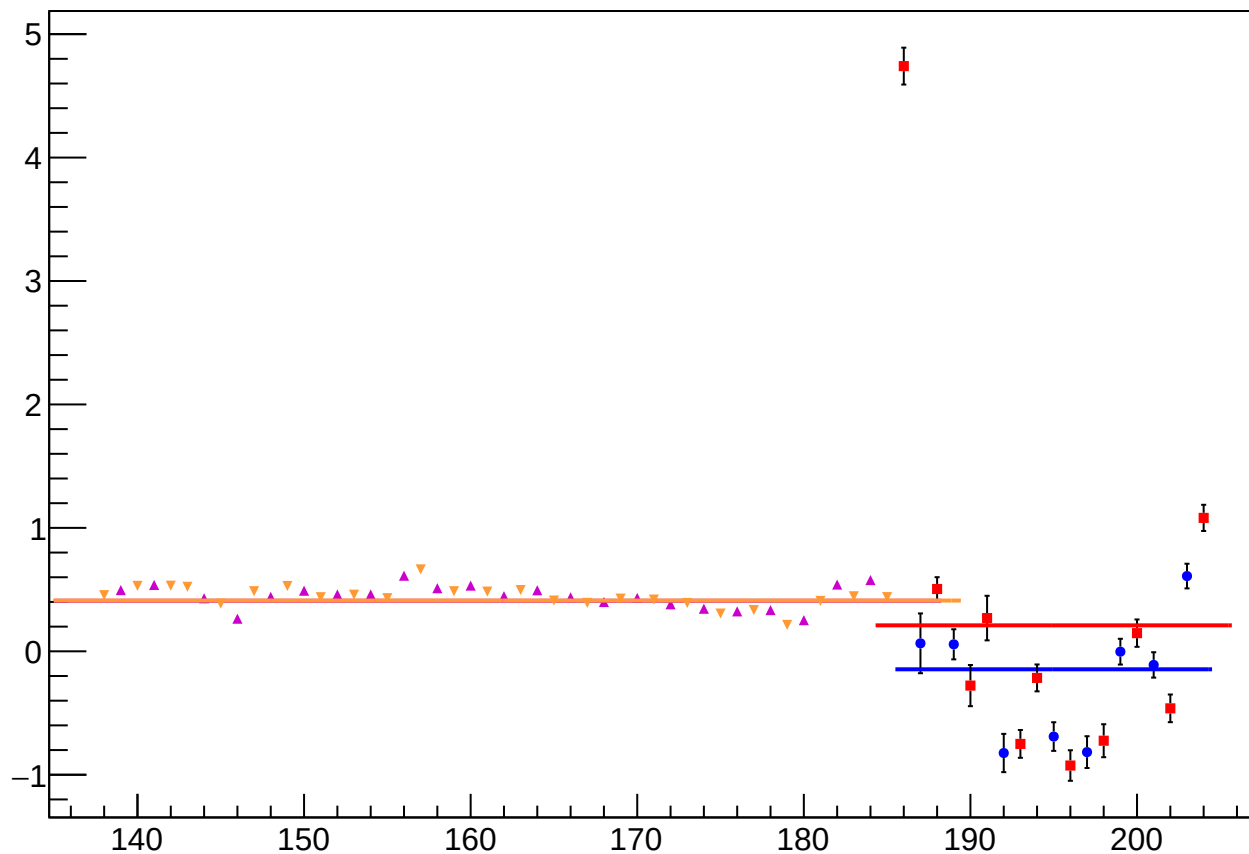
Left In: -14.919 ± 0.087 $\chi^2/\text{NDF}: 2207.7/22$

+ sign -15.217 ± 0.086 $\chi^2/\text{NDF}: 2679.5/32$

All: -15.023 ± 0.061 $\chi^2/\text{NDF}: 5046.6/66$

- sign -14.827 ± 0.086 $\chi^2/\text{NDF}: 2356.8/33$

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.146 ± 0.043 $\chi^2/\text{NDF}: 130.9/7$

Left Out: 0.411 ± 0.004 $\chi^2/\text{NDF}: 428.8/24$

Right Out: 0.210 ± 0.036 $\chi^2/\text{NDF}: 1262.9/10$

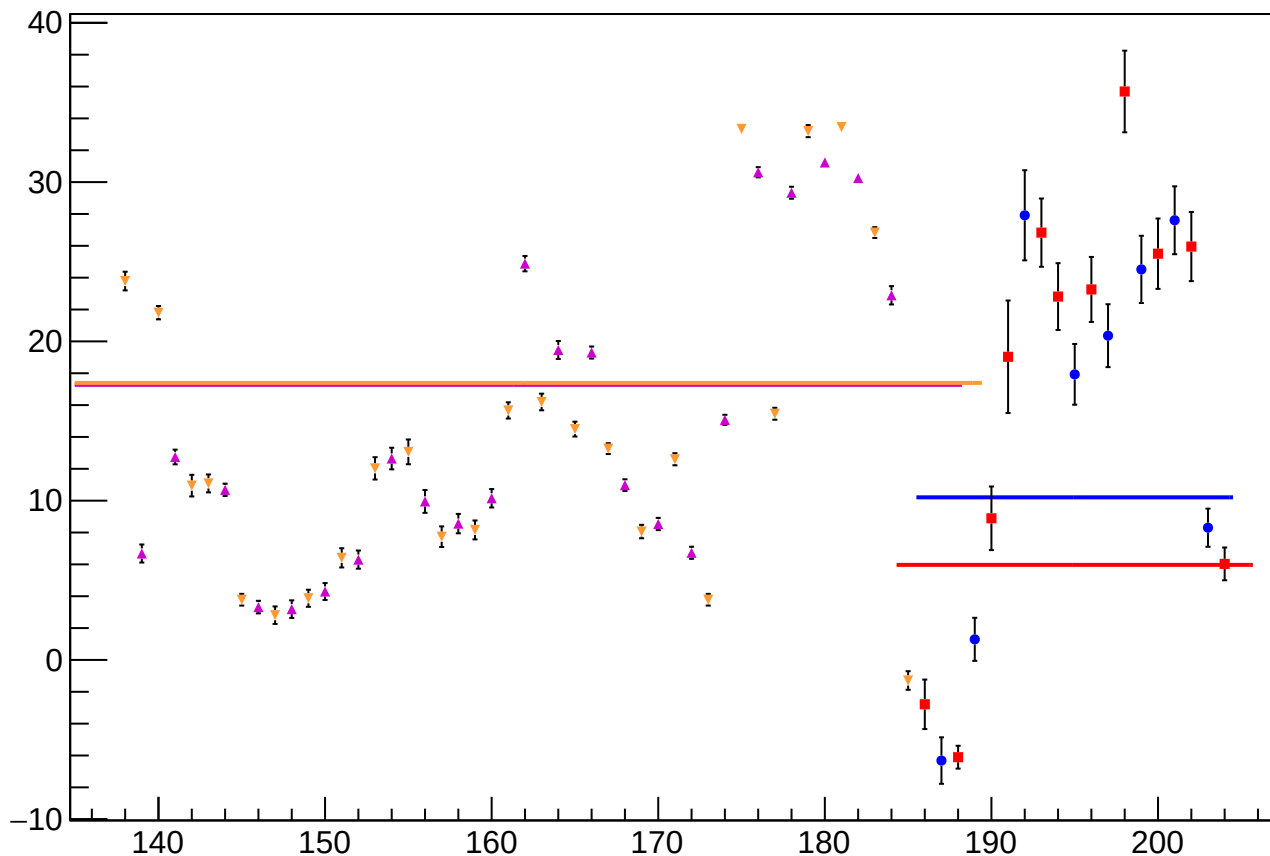
Left In: 0.409 ± 0.004 $\chi^2/\text{NDF}: 561.9/22$

+ sign 0.407 ± 0.004 $\chi^2/\text{NDF}: 728.0/32$

All: 0.407 ± 0.003 $\chi^2/\text{NDF}: 2582.4/66$

- sign 0.407 ± 0.004 $\chi^2/\text{NDF}: 1854.4/33$

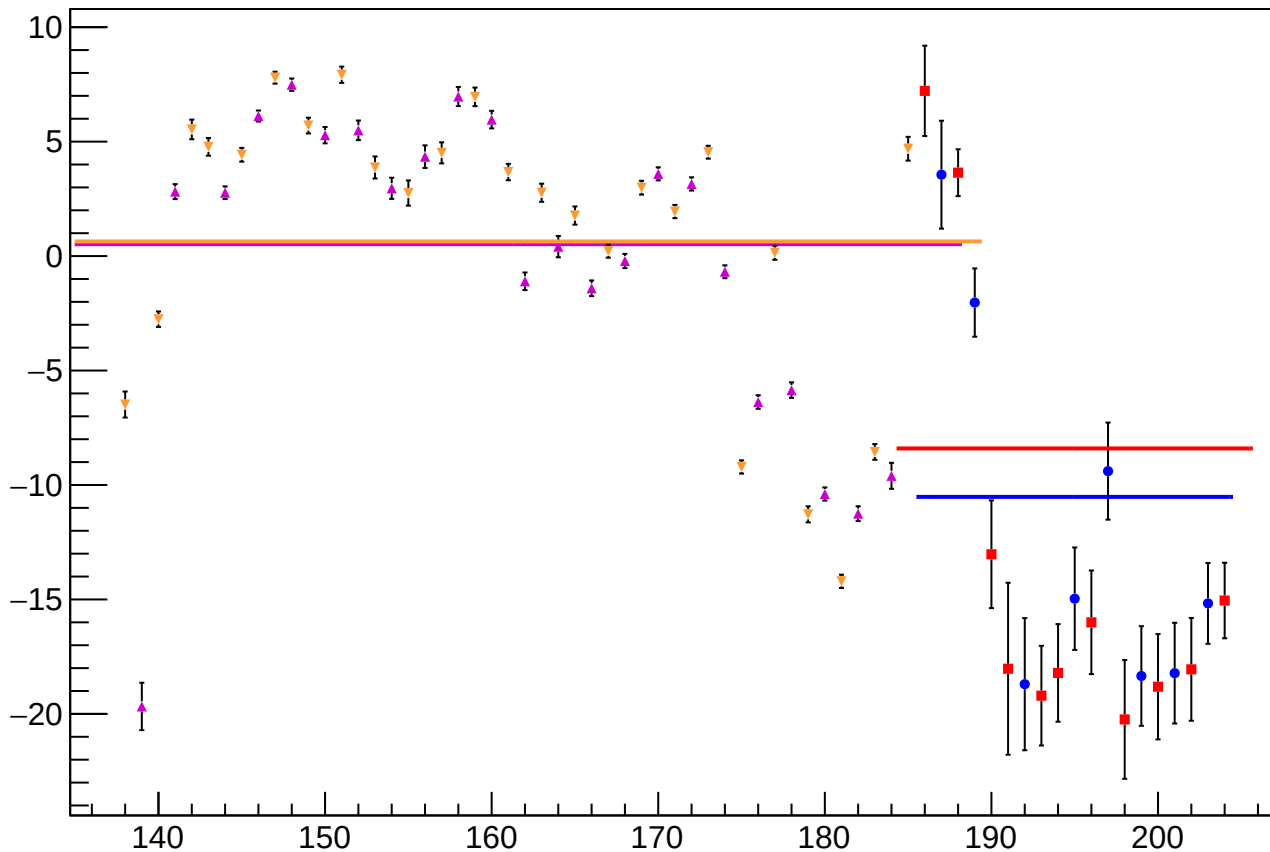
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 10.209 $\pm$ 0.596 χ^2 /NDF: 369.1/7
 Left Out: 17.393 $\pm$ 0.087 χ^2 /NDF:16305.7/24
 Right Out: 5.968 $\pm$ 0.452 χ^2 /NDF: 859.7/10
 Left In: 17.271 $\pm$ 0.088 χ^2 /NDF:12892.2/22

+ sign 17.242 $\pm$ 0.086 χ^2 /NDF: 16817.3/32
 All: 17.049 $\pm$ 0.061 χ^2 /NDF: 31181.2/66
 - sign 16.854 $\pm$ 0.087 χ^2 /NDF: 14353.8/33

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -10.519 ± 0.723 $\chi^2/\text{NDF}: 112.5/7$

Left Out: 0.639 ± 0.070 $\chi^2/\text{NDF}: 8514.9/24$

Right Out: -8.403 ± 0.578 $\chi^2/\text{NDF}: 344.7/10$

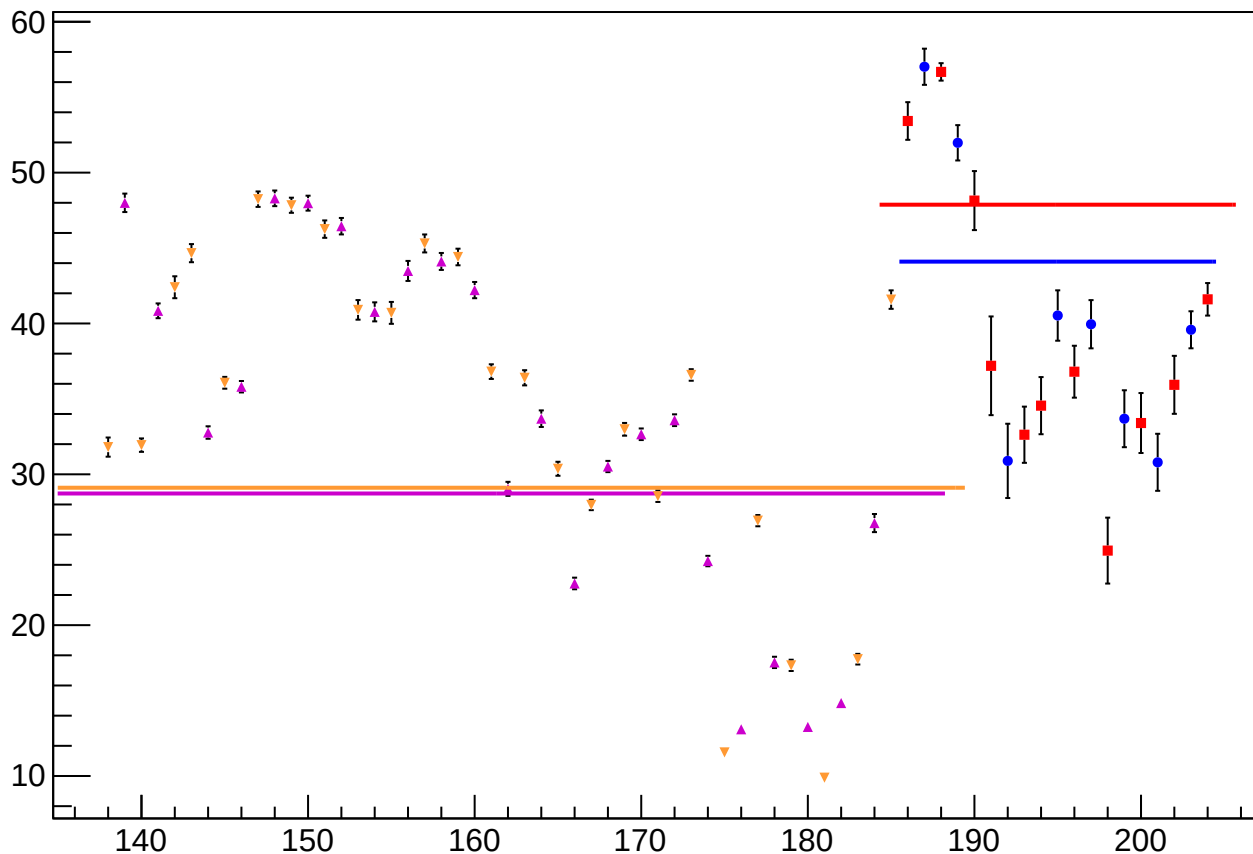
Left In: 0.519 ± 0.071 $\chi^2/\text{NDF}: 6776.8/22$

+ sign 0.537 ± 0.069 $\chi^2/\text{NDF}: 8863.0/32$

All: 0.464 ± 0.049 $\chi^2/\text{NDF}: 16221.7/66$

- sign 0.388 ± 0.070 $\chi^2/\text{NDF}: 7356.3/33$

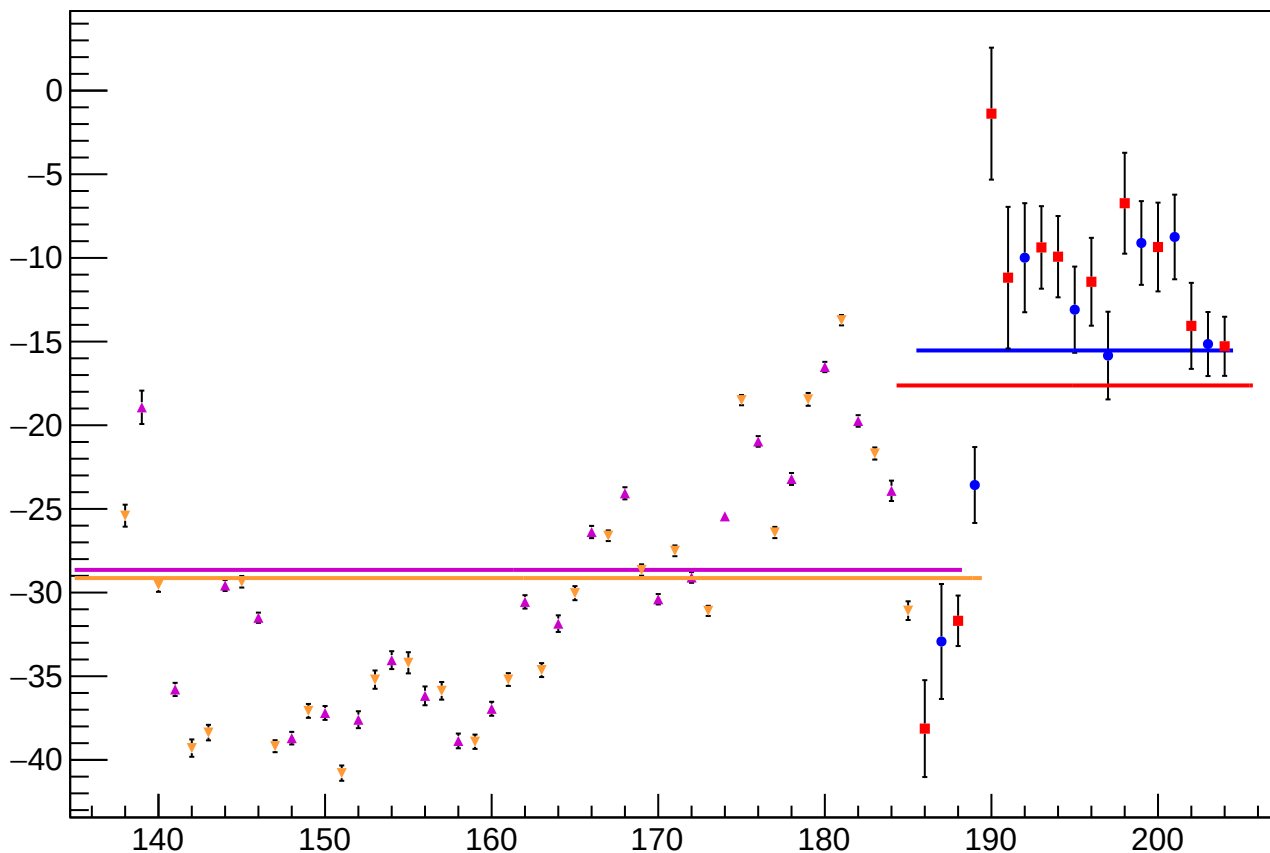
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 44.100 $\pm$ 0.530 χ^2 /NDF: 295.0/7
 Left Out: 29.110 $\pm$ 0.088 χ^2 /NDF:18845.8/24
 Right Out: 47.874 $\pm$ 0.393 χ^2 /NDF: 655.4/10
 Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

+ sign 29.512 $\pm$ 0.087 χ^2 /NDF: 19920.0/32
 All: 29.585 $\pm$ 0.061 χ^2 /NDF: 39874.7/66
 - sign 29.658 $\pm$ 0.087 χ^2 /NDF: 19953.3/33

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -15.531 ± 0.891 $\chi^2/\text{NDF}: 55.8/7$

Left Out: -29.134 ± 0.078 $\chi^2/\text{NDF}: 8998.0/24$

Right Out: -17.622 ± 0.729 $\chi^2/\text{NDF}: 209.6/10$

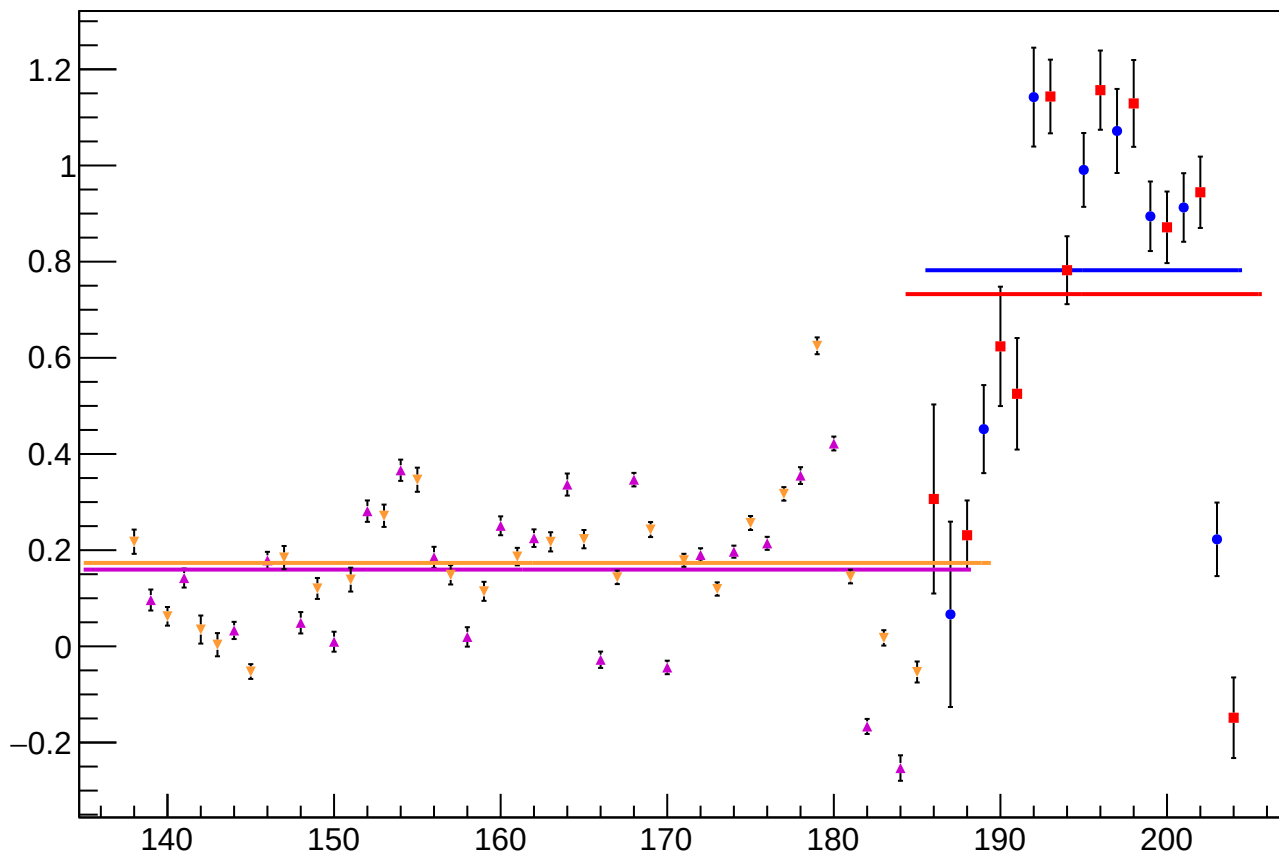
Left In: -28.645 ± 0.080 $\chi^2/\text{NDF}: 6693.5/22$

+ sign -29.030 ± 0.078 $\chi^2/\text{NDF}: 9284.9/32$

All: -28.776 ± 0.056 $\chi^2/\text{NDF}: 16435.3/66$

- sign -28.515 ± 0.079 $\chi^2/\text{NDF}: 7128.9/33$

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.782 ± 0.030 $\chi^2/\text{NDF}: 116.8/7$

Left Out: 0.173 ± 0.004 $\chi^2/\text{NDF}: 1468.8/24$

Right Out: 0.733 ± 0.026 $\chi^2/\text{NDF}: 253.9/10$

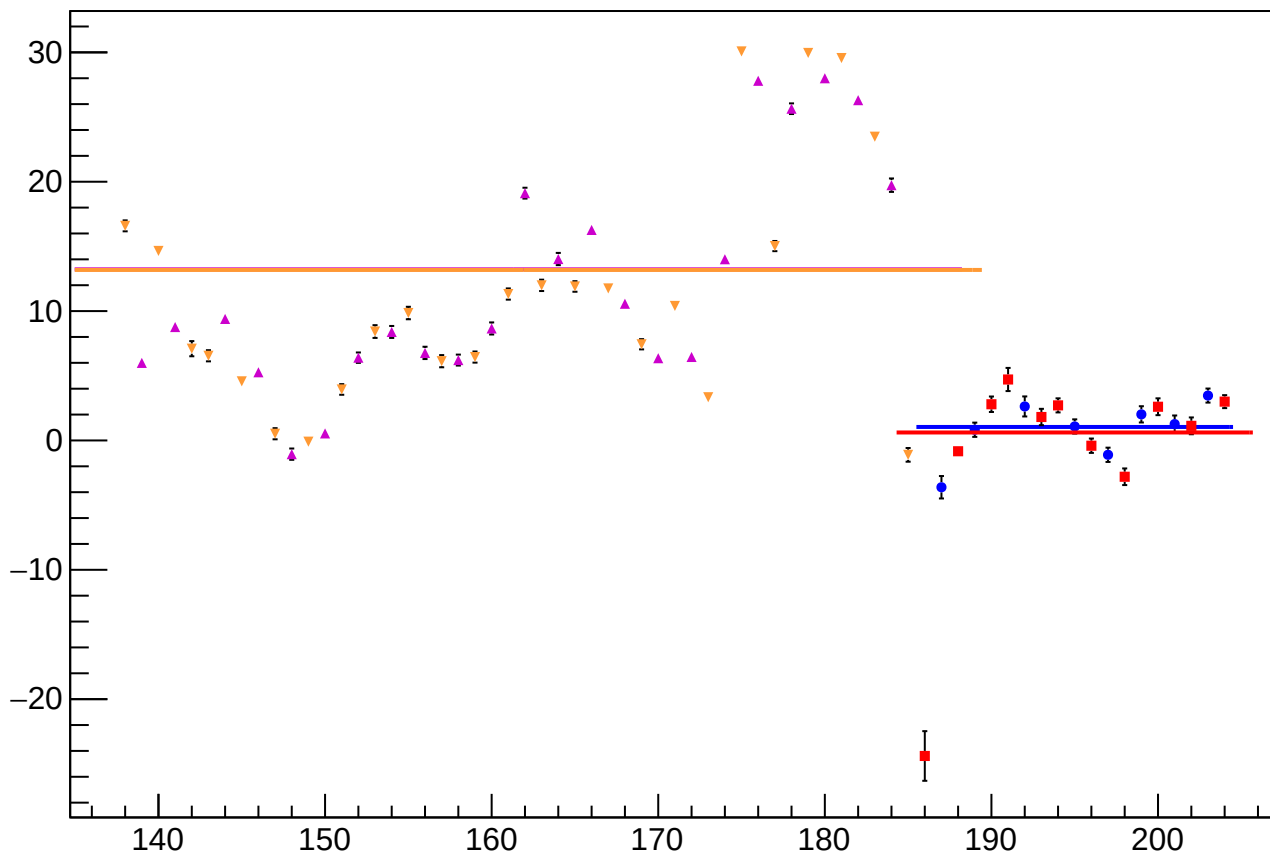
Left In: 0.160 ± 0.004 $\chi^2/\text{NDF}: 2063.7/22$

+ sign 0.182 ± 0.004 $\chi^2/\text{NDF}: 1987.5/32$

All: 0.176 ± 0.003 $\chi^2/\text{NDF}: 4793.4/66$

- sign 0.171 ± 0.004 $\chi^2/\text{NDF}: 2801.0/33$

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.043+/-0.218 χ^2/NDF : 70.9/7

Left Out: 13.181+/-0.075 χ^2/NDF : 17039.3/24

Right Out: 0.616+/-0.164 χ^2/NDF : 313.3/10

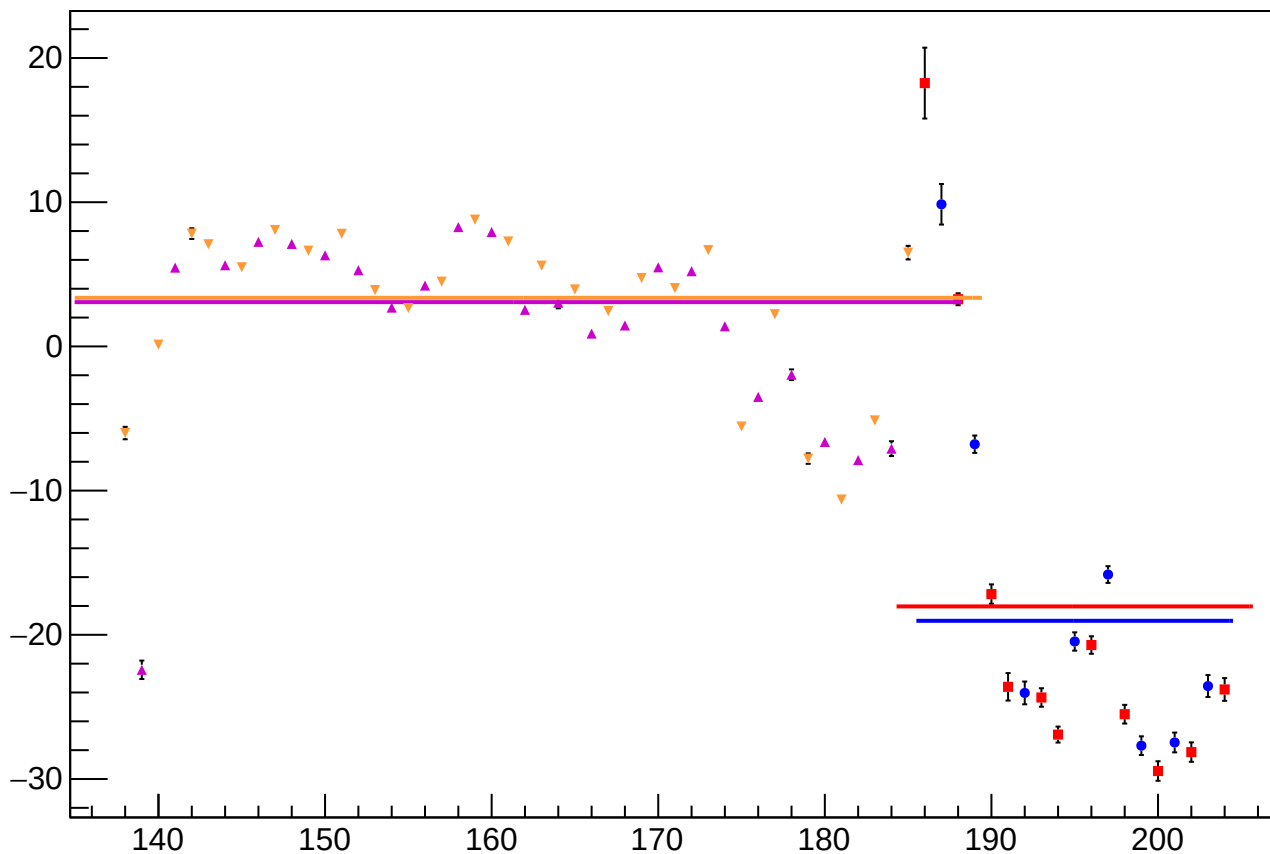
Left In: 13.228+/-0.077 χ^2/NDF : 14126.1/22

+ sign 11.883+/-0.071 χ^2/NDF : 19882.8/32

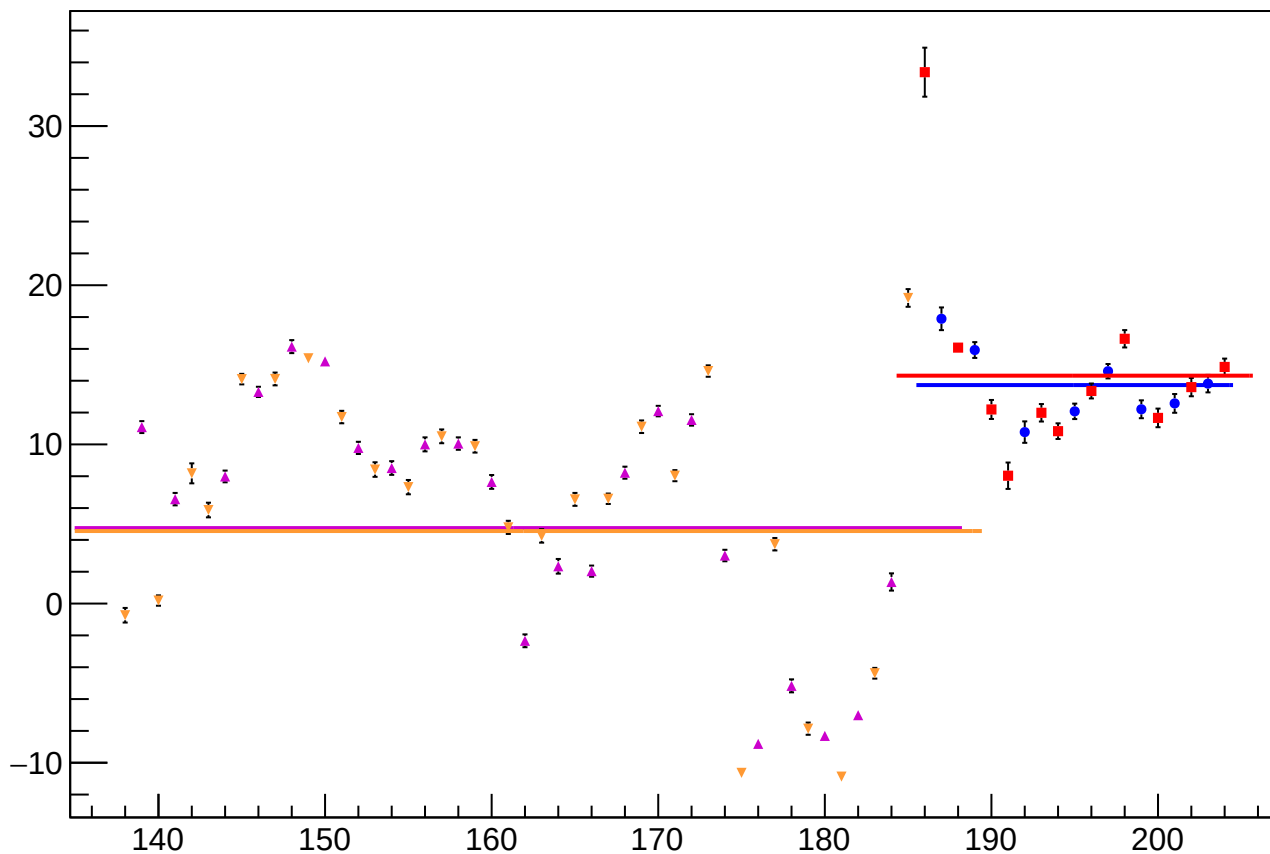
All: 11.415+/-0.050 χ^2/NDF : 39256.8/66

- sign 10.969+/-0.069 χ^2/NDF : 19289.6/33

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 13.727 ± 0.194 $\chi^2/\text{NDF}: 99.4/7$

Left Out: 4.557 ± 0.076 $\chi^2/\text{NDF}: 13588.4/24$

Right Out: 14.318 ± 0.143 $\chi^2/\text{NDF}: 396.5/10$

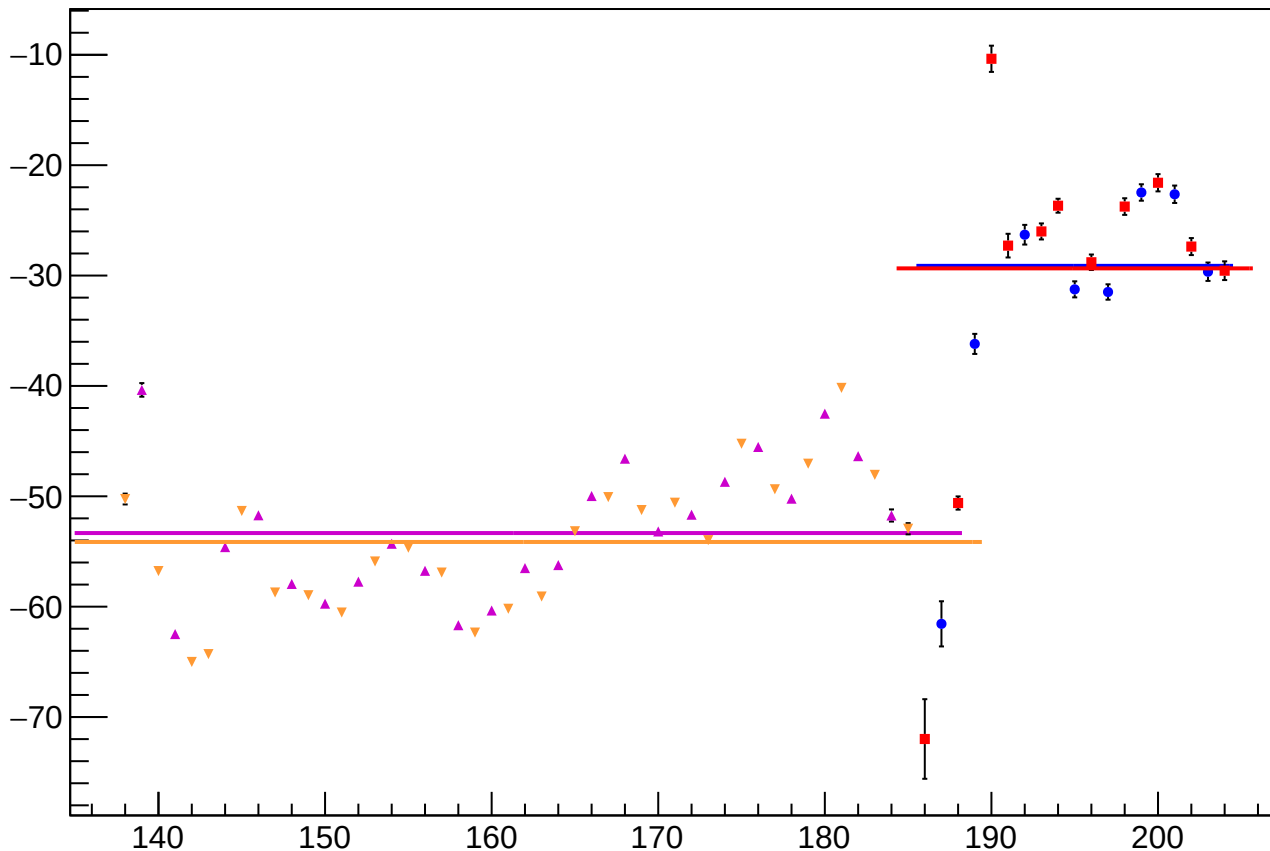
Left In: 4.741 ± 0.076 $\chi^2/\text{NDF}: 11418.2/22$

+ sign 5.770 ± 0.070 $\chi^2/\text{NDF}: 15636.5/32$

All: 6.339 ± 0.049 $\chi^2/\text{NDF}: 31056.7/66$

- sign 6.862 ± 0.067 $\chi^2/\text{NDF}: 15294.4/33$

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -29.121 ± 0.295 $\chi^2/\text{NDF}: 489.5/7$

Left Out: -54.139 ± 0.067 $\chi^2/\text{NDF}: 8301.1/24$

Right Out: -29.349 ± 0.240 $\chi^2/\text{NDF}: 1921.9/10$

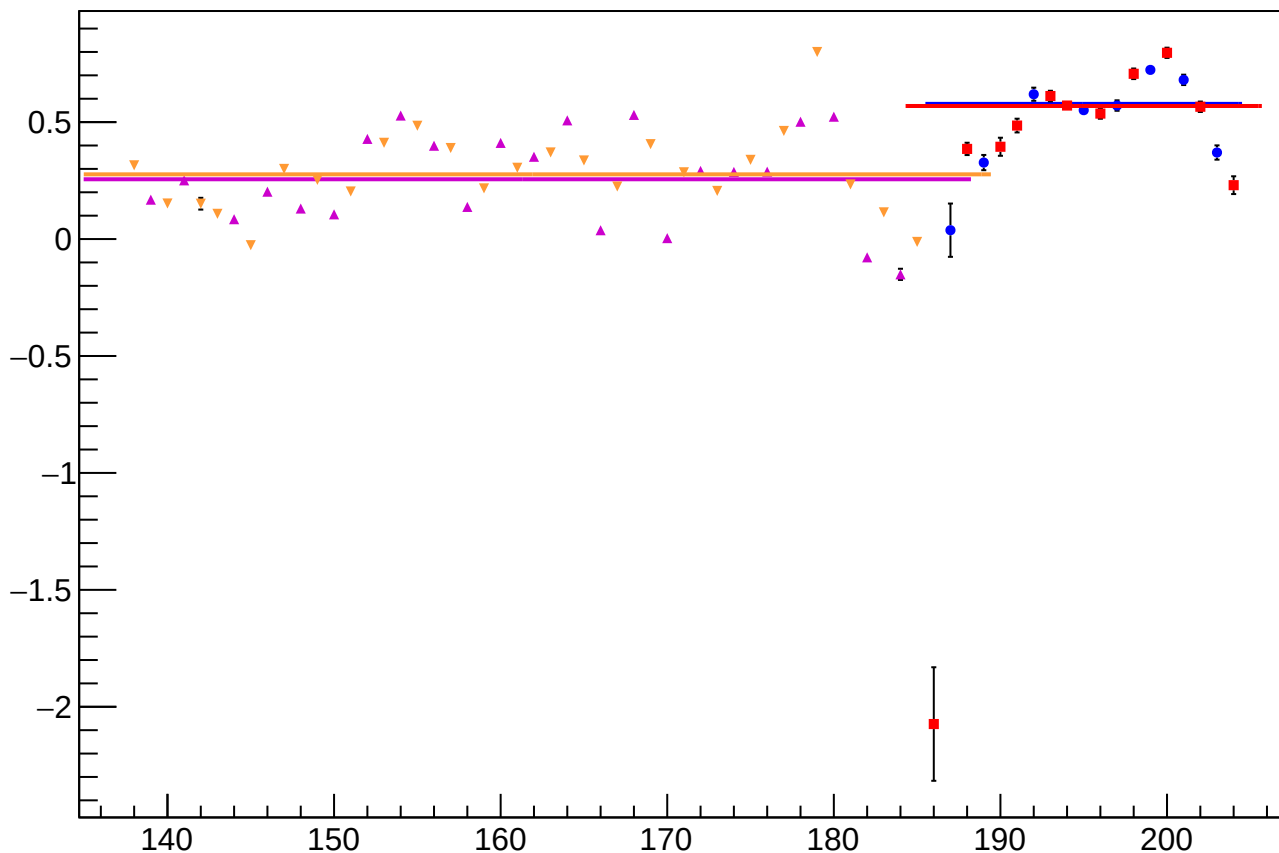
Left In: -53.330 ± 0.068 $\chi^2/\text{NDF}: 6940.2/22$

+ sign -52.926 ± 0.065 $\chi^2/\text{NDF}: 15639.4/32$

All: -52.240 ± 0.046 $\chi^2/\text{NDF}: 33956.7/66$

- sign -51.537 ± 0.066 $\chi^2/\text{NDF}: 18091.1/33$

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.578 ± 0.009 χ^2/NDF : 198.9/7

Left Out: 0.277 ± 0.003 χ^2/NDF : 2606.0/24

Right Out: 0.569 ± 0.008 χ^2/NDF : 425.4/10

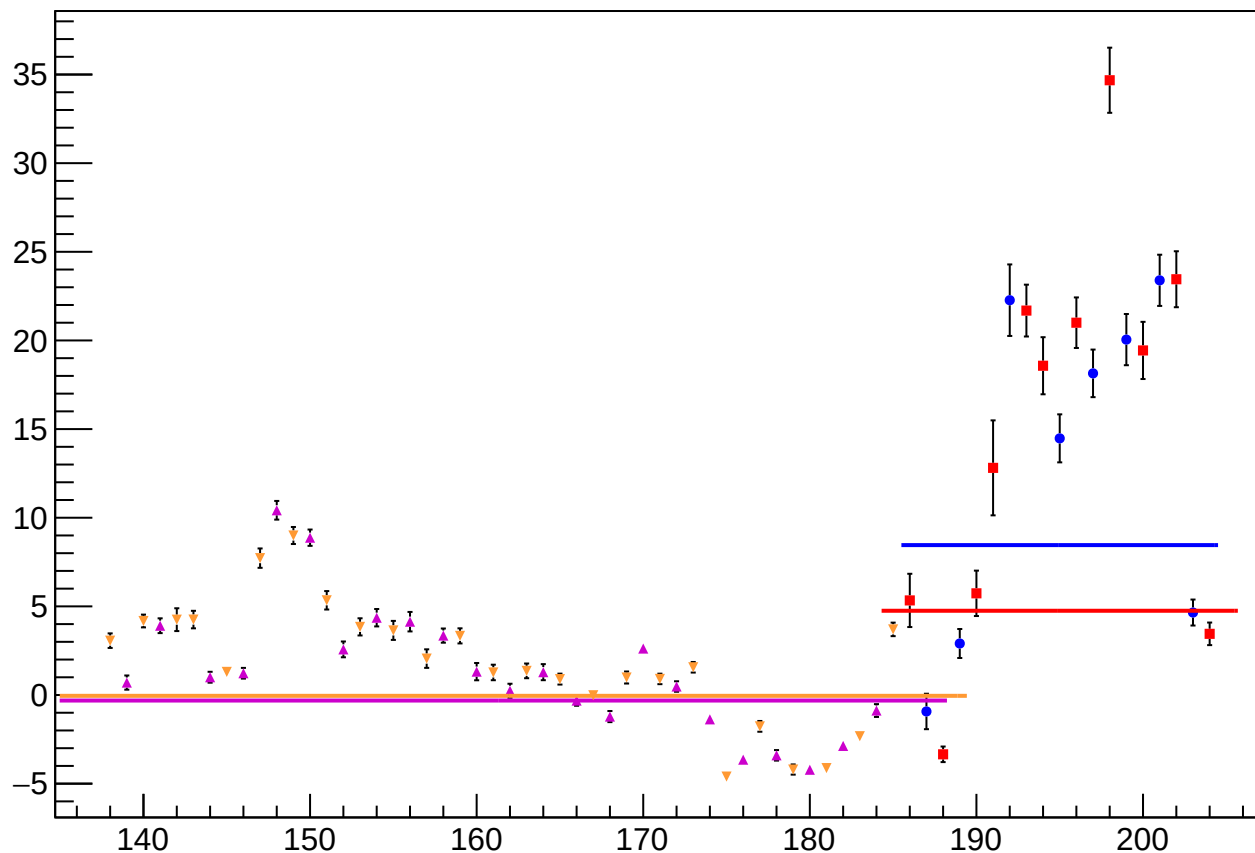
Left In: 0.256 ± 0.003 χ^2/NDF : 3644.0/22

+ sign 0.306 ± 0.003 χ^2/NDF : 3761.5/32

All: 0.303 ± 0.002 χ^2/NDF : 9273.1/66

- sign 0.299 ± 0.003 χ^2/NDF : 5508.7/33

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 8.456 $\pm$ 0.387 χ^2 /NDF: 451.3/7

Left Out: -0.046 $\pm$ 0.066 χ^2 /NDF: 2628.9/24

Right Out: 4.752 $\pm$ 0.298 χ^2 /NDF: 1180.5/10

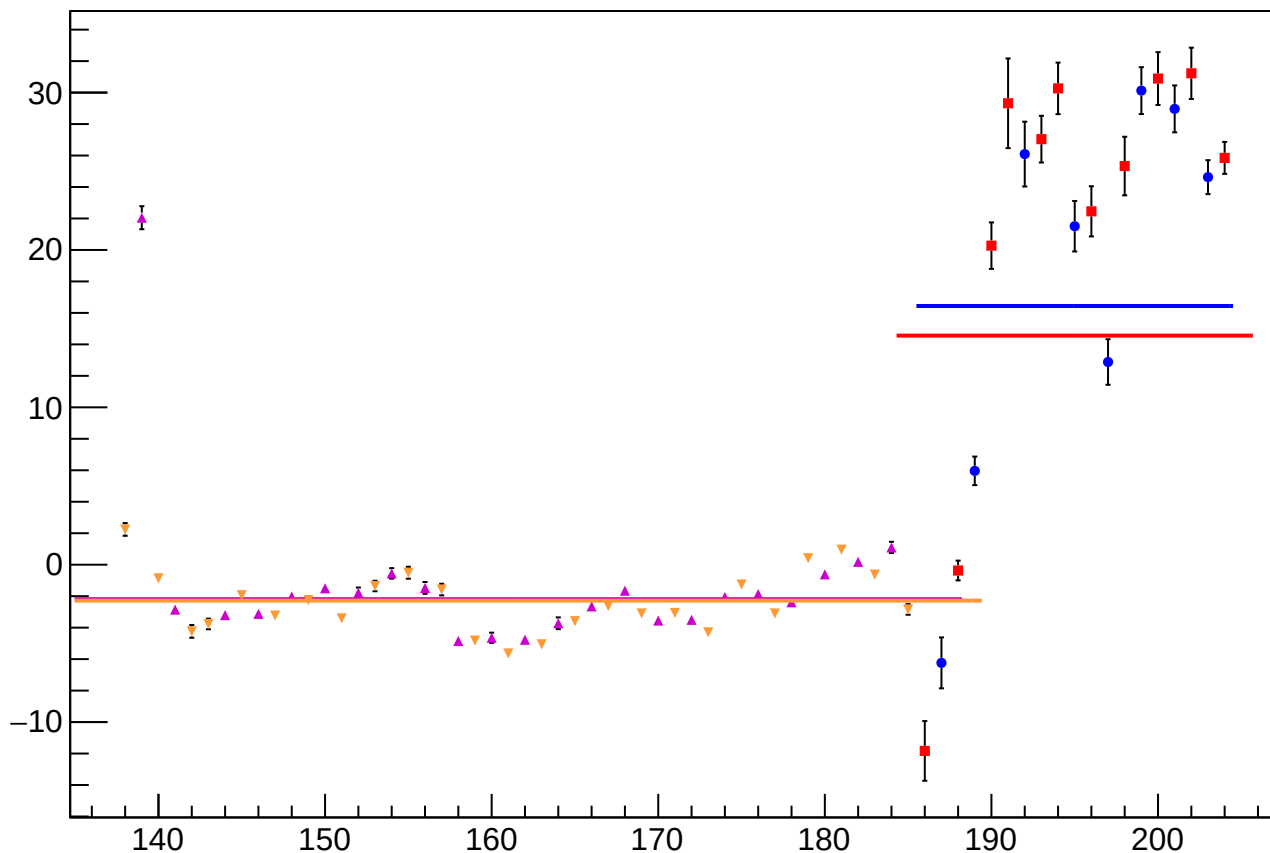
Left In: -0.312 $\pm$ 0.067 χ^2 /NDF: 2252.6/22

+ sign 0.195 $\pm$ 0.065 χ^2 /NDF: 3548.3/32

All: 0.064 $\pm$ 0.046 χ^2 /NDF: 7264.9/66

- sign -0.068 $\pm$ 0.065 χ^2 /NDF: 3708.5/33

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 16.438 ± 0.473 $\chi^2/\text{NDF}: 580.7/7$

Left Out: -2.283 ± 0.054 $\chi^2/\text{NDF}: 1132.1/24$

Right Out: 14.557 ± 0.389 $\chi^2/\text{NDF}: 1344.3/10$

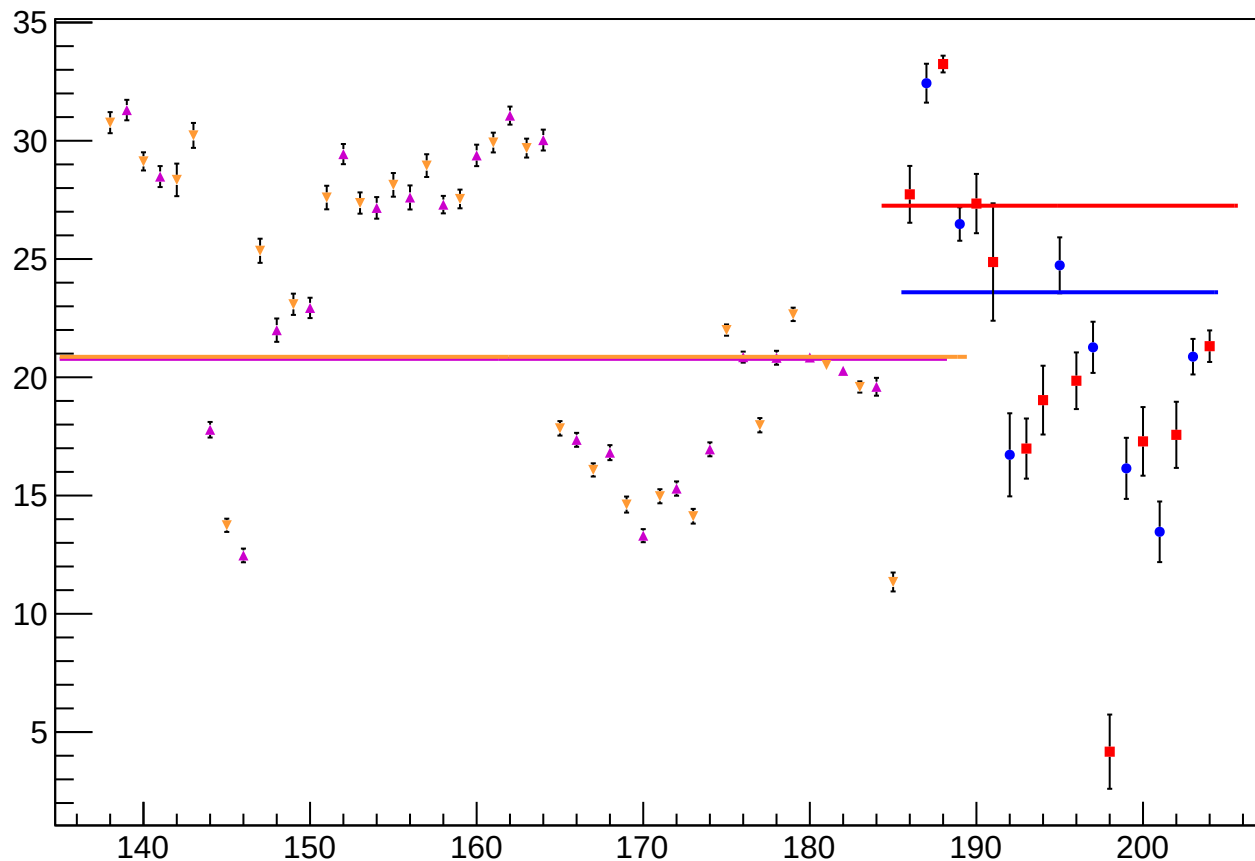
Left In: -2.190 ± 0.055 $\chi^2/\text{NDF}: 1785.1/22$

+ sign -2.041 ± 0.054 $\chi^2/\text{NDF}: 3256.0/32$

All: -1.952 ± 0.038 $\chi^2/\text{NDF}: 8207.4/66$

- sign -1.863 ± 0.054 $\chi^2/\text{NDF}: 4945.9/33$

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 23.594 $\pm$ 0.346 χ^2 /NDF: 262.0/7

Left Out: 20.865 $\pm$ 0.067 χ^2 /NDF: 6608.4/24

Right Out: 27.254 $\pm$ 0.259 χ^2 /NDF: 813.6/10

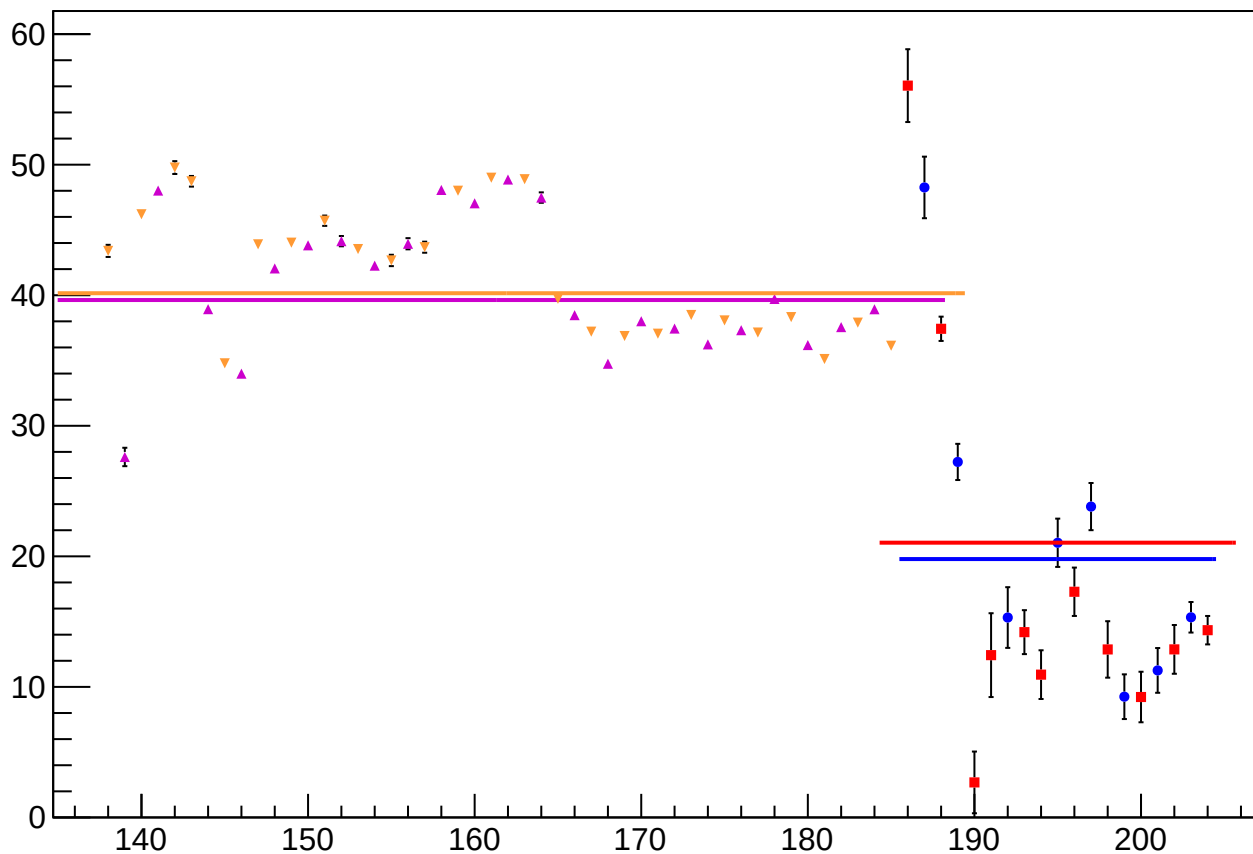
Left In: 20.780 $\pm$ 0.067 χ^2 /NDF: 5988.0/22

+ sign 20.963 $\pm$ 0.066 χ^2 /NDF: 6930.3/32

All: 21.077 $\pm$ 0.046 χ^2 /NDF: 14323.1/66

- sign 21.189 $\pm$ 0.065 χ^2 /NDF: 7386.9/33

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 19.792 ± 0.587 χ^2/NDF : 260.9/7

Left Out: 40.154 ± 0.060 χ^2/NDF : 5861.6/24

Right Out: 21.047 ± 0.494 χ^2/NDF : 694.0/10

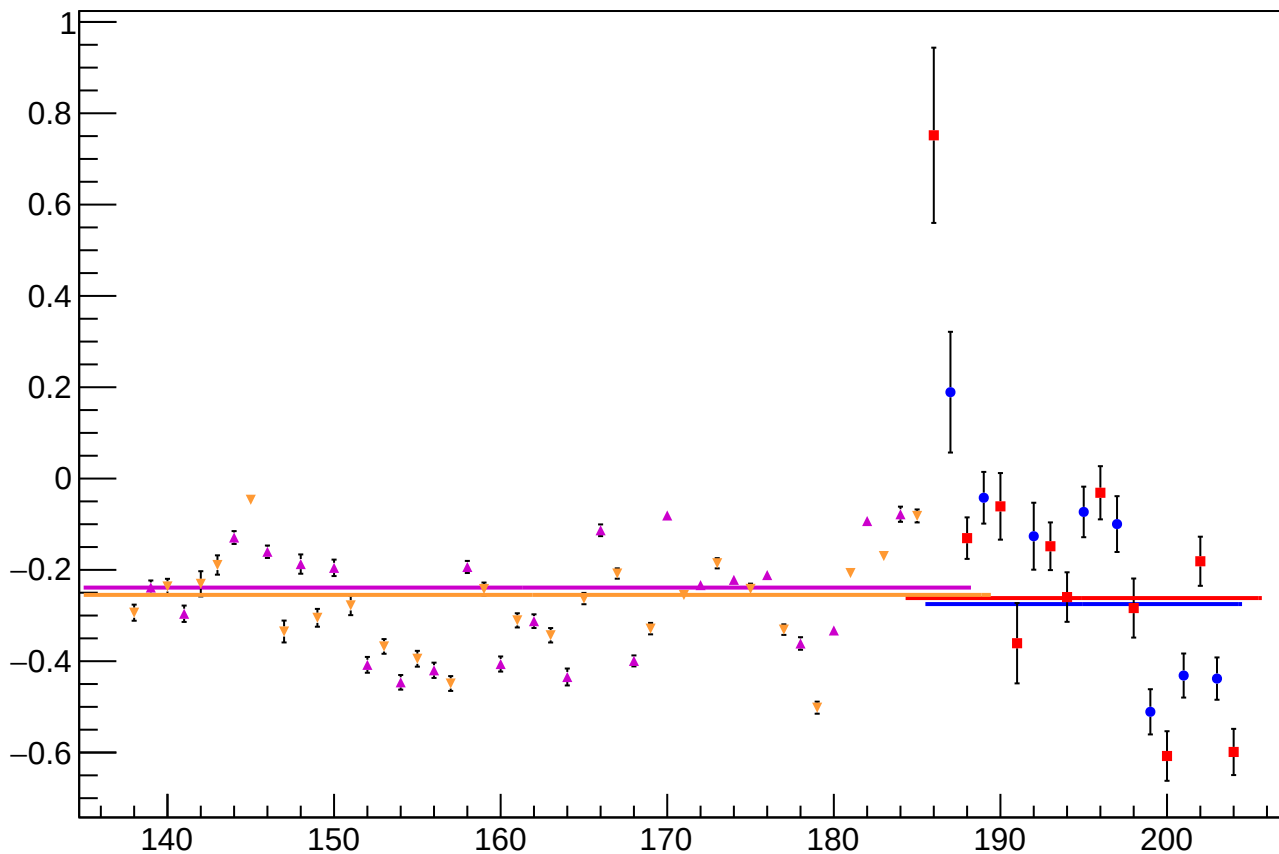
Left In: 39.632 ± 0.061 χ^2/NDF : 5343.3/22

+ sign 39.940 ± 0.060 χ^2/NDF : 7311.2/32

All: 39.649 ± 0.043 χ^2/NDF : 14791.9/66

- sign 39.351 ± 0.061 χ^2/NDF : 7433.1/33

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.275 ± 0.020 χ^2/NDF : 100.5/7

Left Out: -0.255 ± 0.003 χ^2/NDF : 1417.7/24

Right Out: -0.262 ± 0.018 χ^2/NDF : 152.8/10

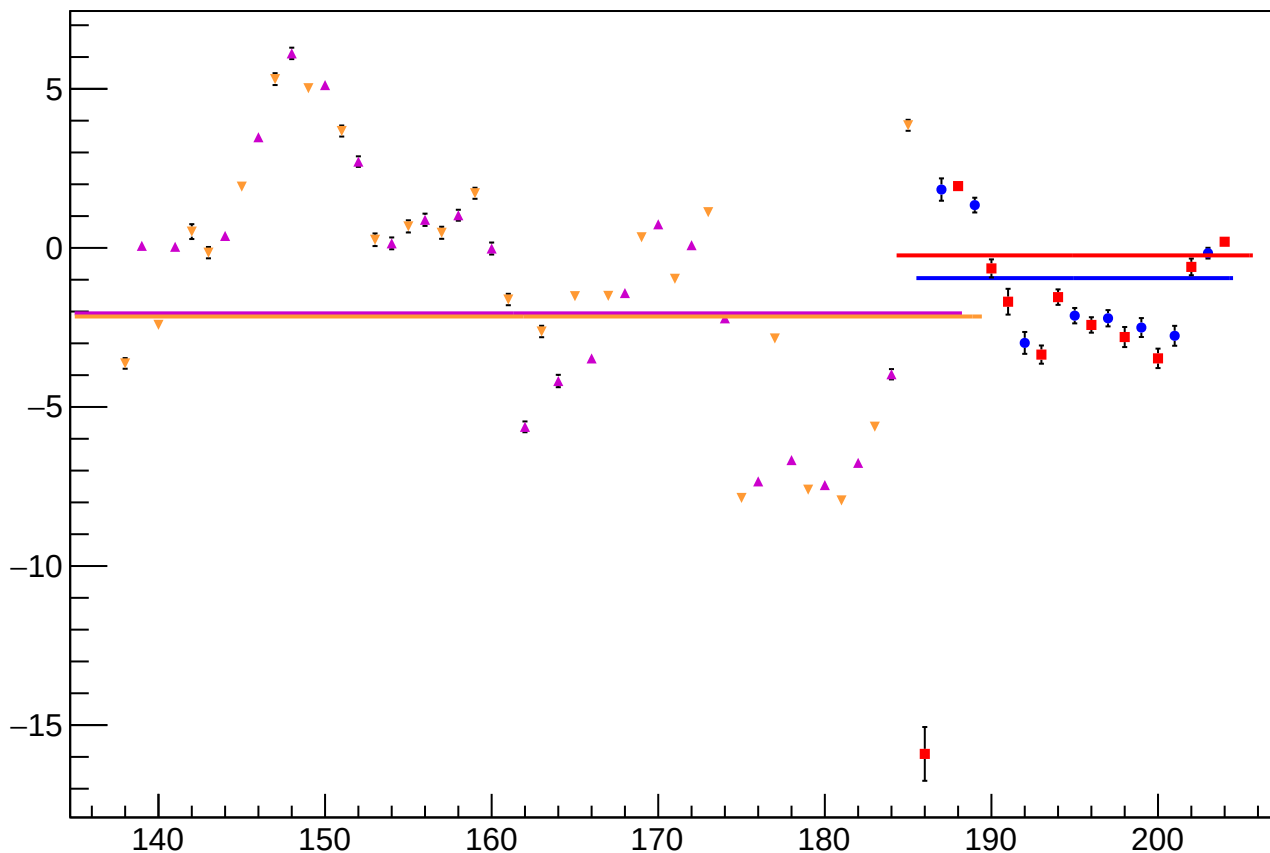
Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

+ sign -0.255 ± 0.003 χ^2/NDF : 1519.1/32

All: -0.247 ± 0.002 χ^2/NDF : 3440.3/66

- sign -0.239 ± 0.003 χ^2/NDF : 1904.4/33

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: -0.950 ± 0.090 χ^2/NDF : 326.0/7

Left Out: -2.156 ± 0.026 χ^2/NDF : 24501.3/24

Right Out: -0.235 ± 0.067 χ^2/NDF : 1169.5/10

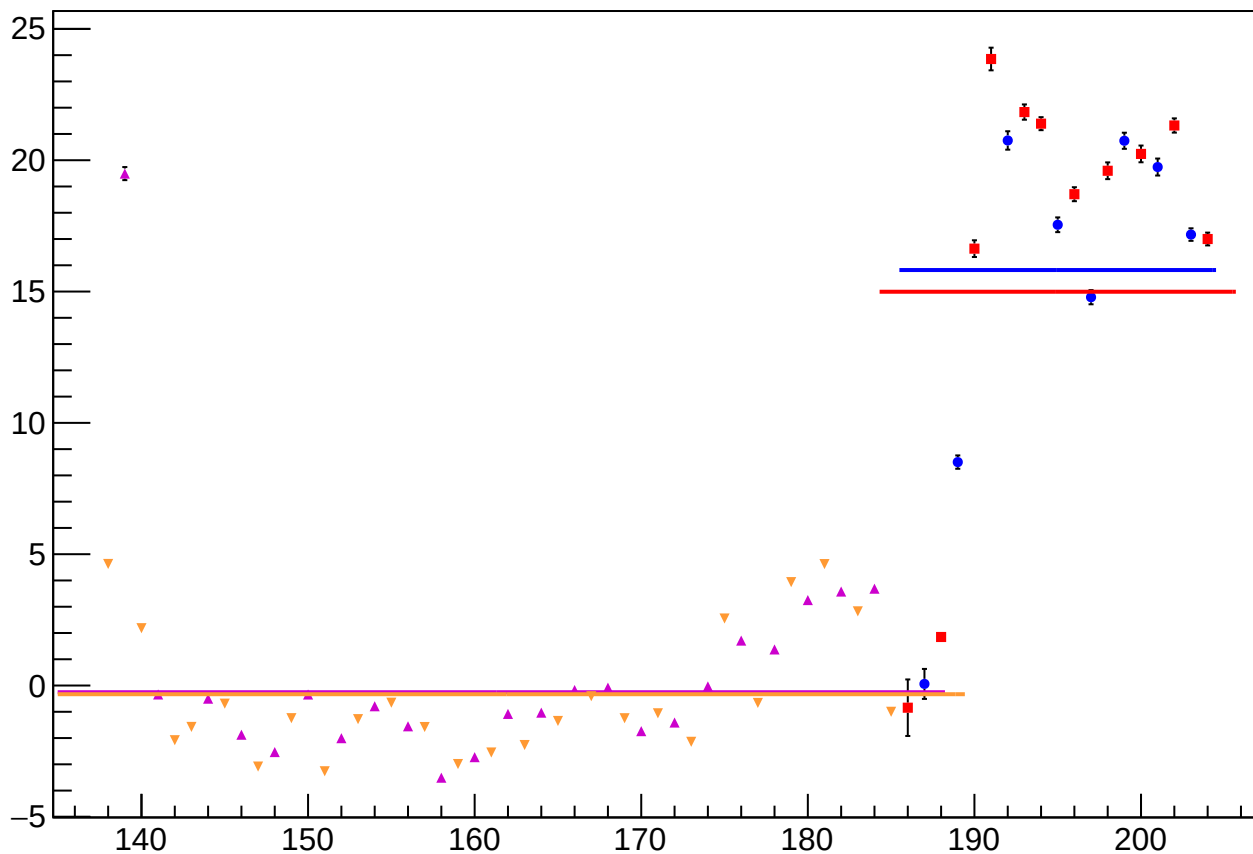
Left In: -2.058 ± 0.026 χ^2/NDF : 23343.8/22

+ sign -2.065 ± 0.025 χ^2/NDF : 24994.2/32

All: -1.939 ± 0.017 χ^2/NDF : 50208.3/66

- sign -1.818 ± 0.024 χ^2/NDF : 25163.0/33

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 15.819 ± 0.105 $\chi^2/\text{NDF}: 2274.3/7$

Left Out: -0.331 ± 0.021 $\chi^2/\text{NDF}: 12552.3/24$

Right Out: 14.993 ± 0.083 $\chi^2/\text{NDF}: 9806.5/10$

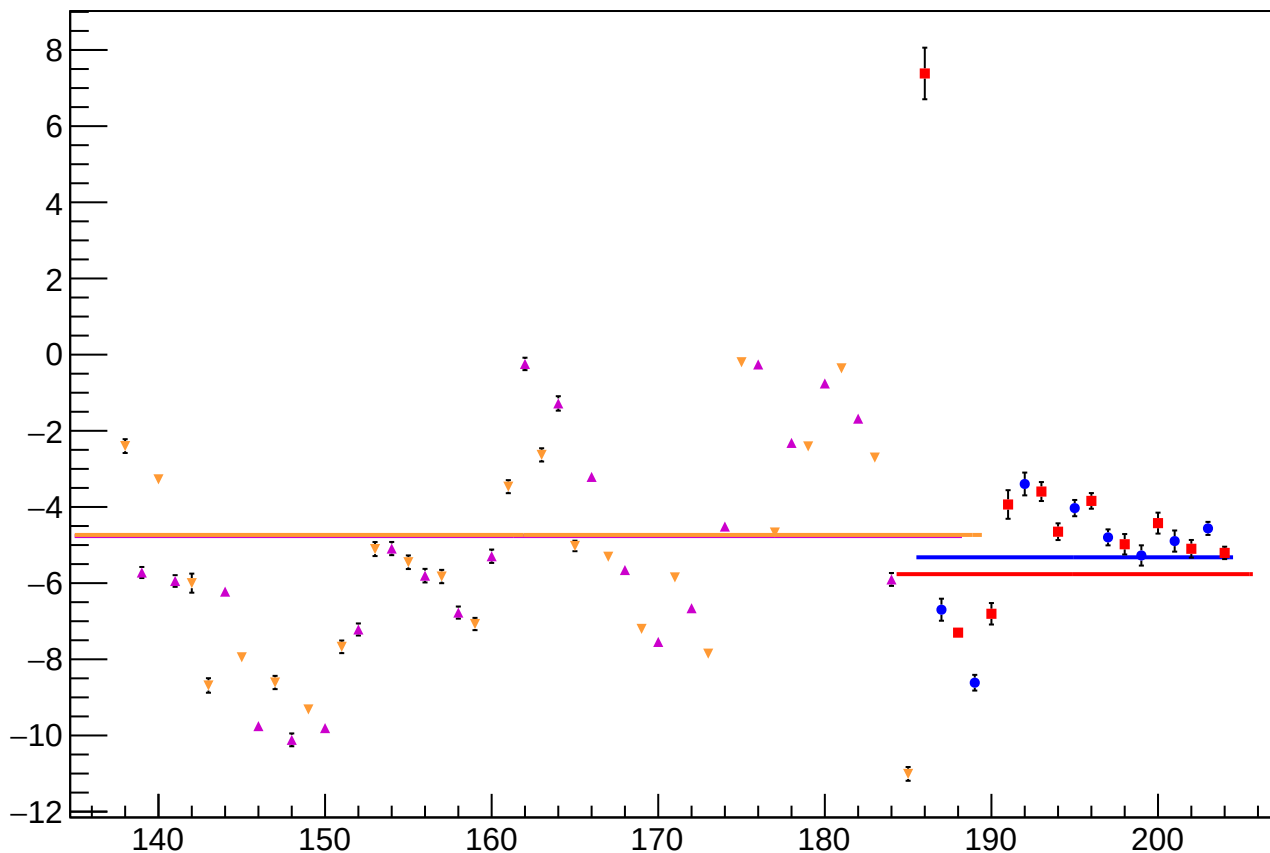
Left In: -0.255 ± 0.021 $\chi^2/\text{NDF}: 14162.0/22$

+ sign 0.270 ± 0.020 $\chi^2/\text{NDF}: 37622.7/32$

All: 0.466 ± 0.014 $\chi^2/\text{NDF}: 93867.1/66$

- sign 0.662 ± 0.020 $\chi^2/\text{NDF}: 56056.2/33$

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -5.322+/-0.081 χ^2/NDF : 383.7/7

Left Out: -4.734+/-0.026 χ^2/NDF :13188.7/24

Right Out: -5.764+/-0.058 χ^2/NDF : 954.2/10

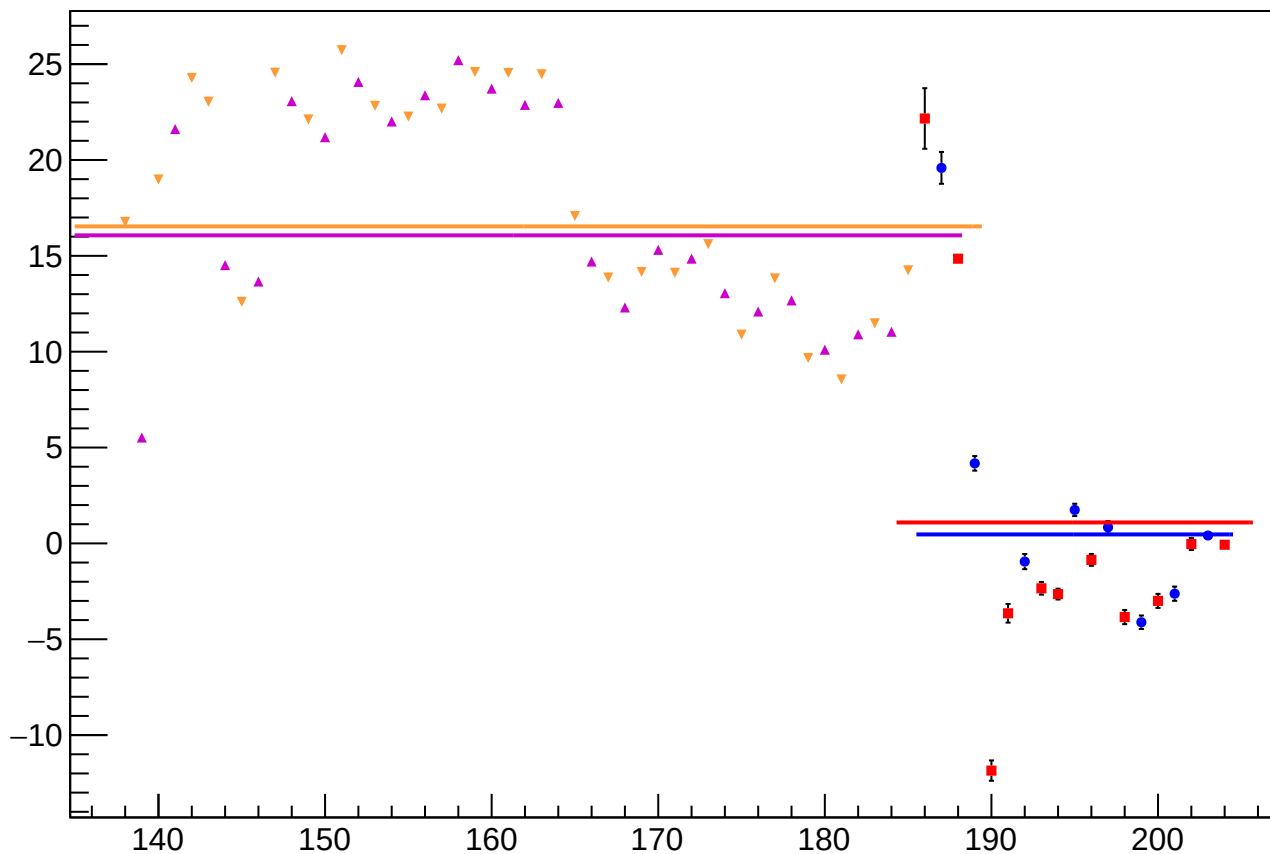
Left In: -4.764+/-0.026 χ^2/NDF :14163.2/22

+ sign -4.788+/-0.025 χ^2/NDF : 13620.2/32

All: -4.861+/-0.017 χ^2/NDF : 28998.5/66

- sign -4.929+/-0.024 χ^2/NDF : 15361.4/33

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.468 ± 0.125 $\chi^2/\text{NDF}: 891.6/7$

Left Out: 16.536 ± 0.023 $\chi^2/\text{NDF}: 53546.9/24$

Right Out: 1.093 ± 0.101 $\chi^2/\text{NDF}: 4983.4/10$

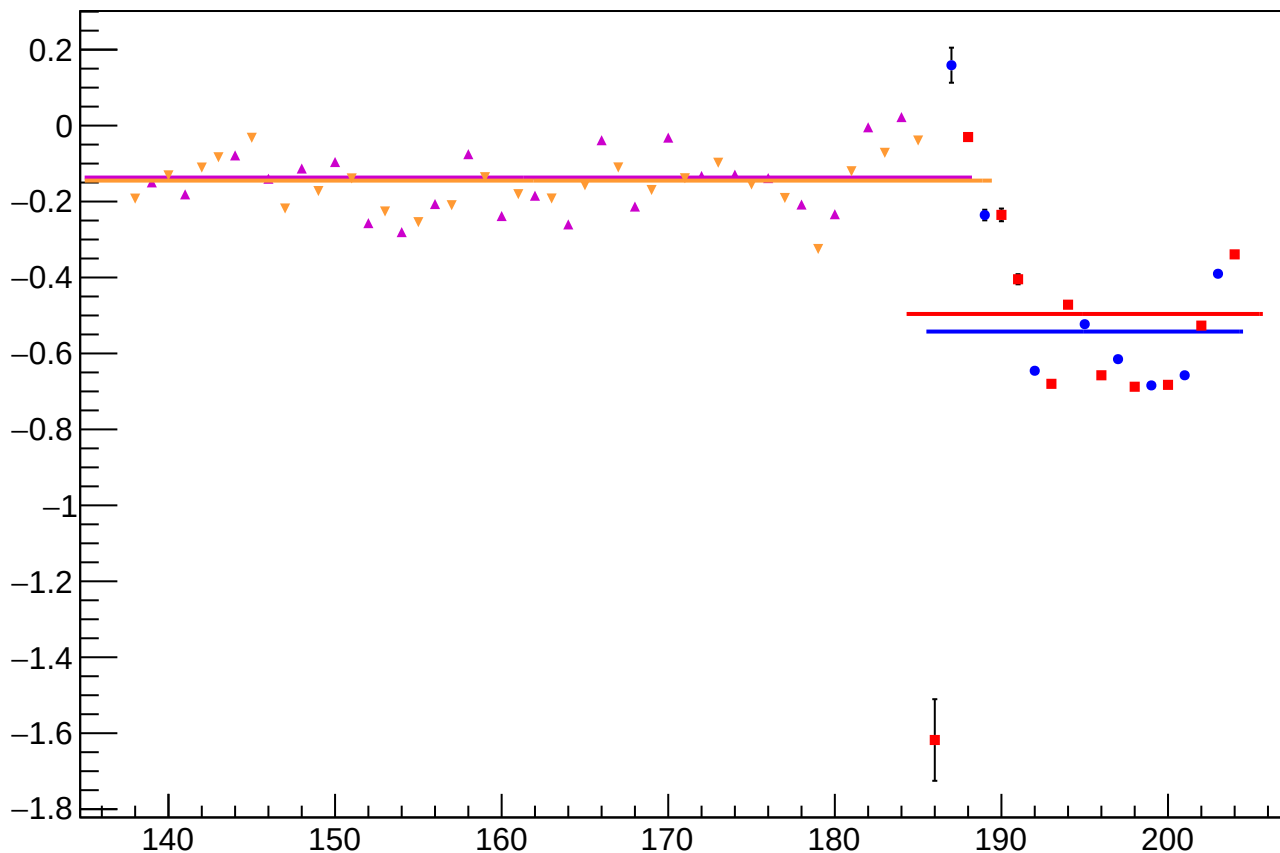
Left In: 16.069 ± 0.023 $\chi^2/\text{NDF}: 42736.3/22$

+ sign 16.003 ± 0.023 $\chi^2/\text{NDF}: 70375.8/32$

All: 15.652 ± 0.016 $\chi^2/\text{NDF}: 139490.2/66$

- sign 15.300 ± 0.023 $\chi^2/\text{NDF}: 68639.9/33$

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.542 ± 0.004 χ^2/NDF : 1395.6/7

Left Out: -0.145 ± 0.001 χ^2/NDF : 3755.1/24

Right Out: -0.496 ± 0.003 χ^2/NDF : 3834.7/10

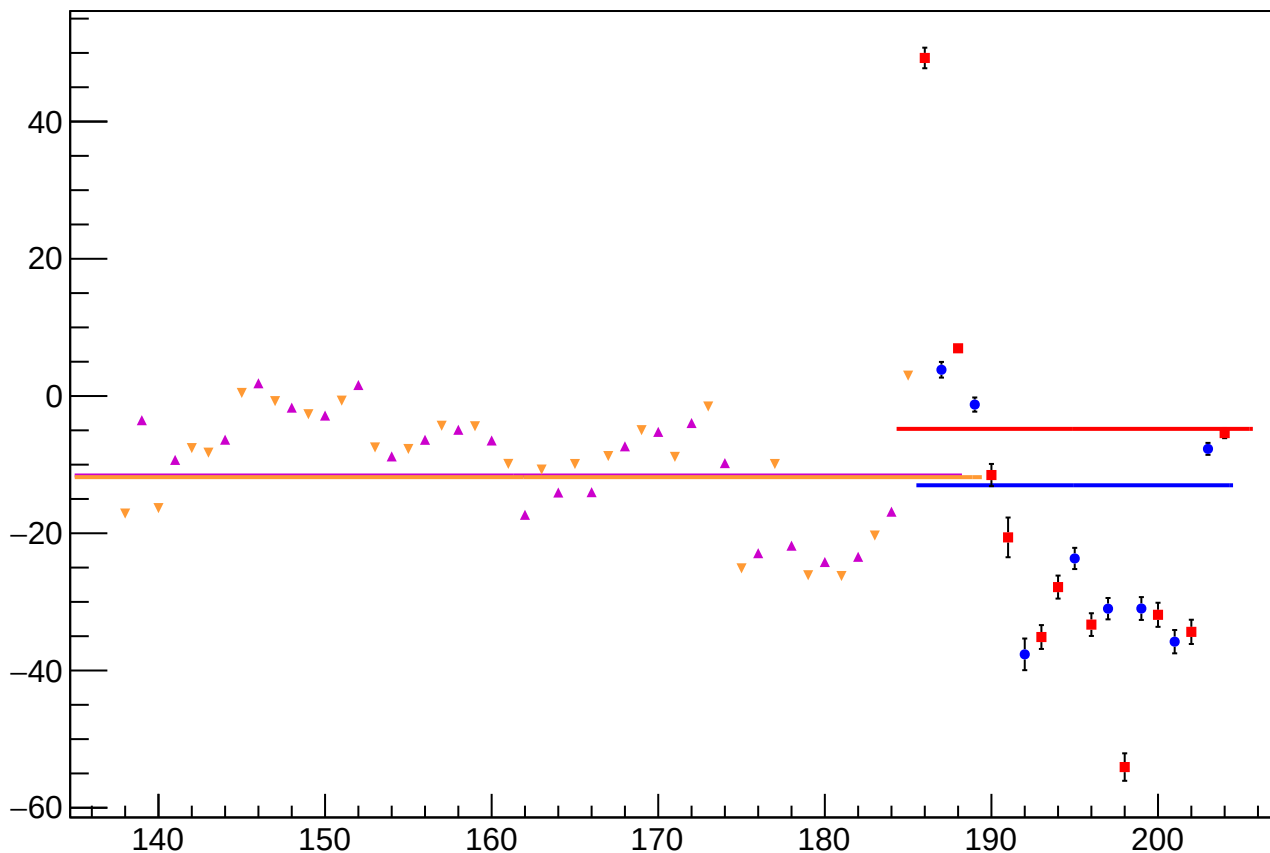
Left In: -0.137 ± 0.001 χ^2/NDF : 5383.4/22

+ sign -0.170 ± 0.001 χ^2/NDF : 14264.3/32

All: -0.170 ± 0.001 χ^2/NDF : 34128.5/66

- sign -0.170 ± 0.001 χ^2/NDF : 19864.2/33

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -13.006 ± 0.459 $\chi^2/\text{NDF}: 975.0/7$

Left Out: -11.823 ± 0.070 $\chi^2/\text{NDF}: 17277.3/24$

Right Out: -4.785 ± 0.350 $\chi^2/\text{NDF}: 3739.7/10$

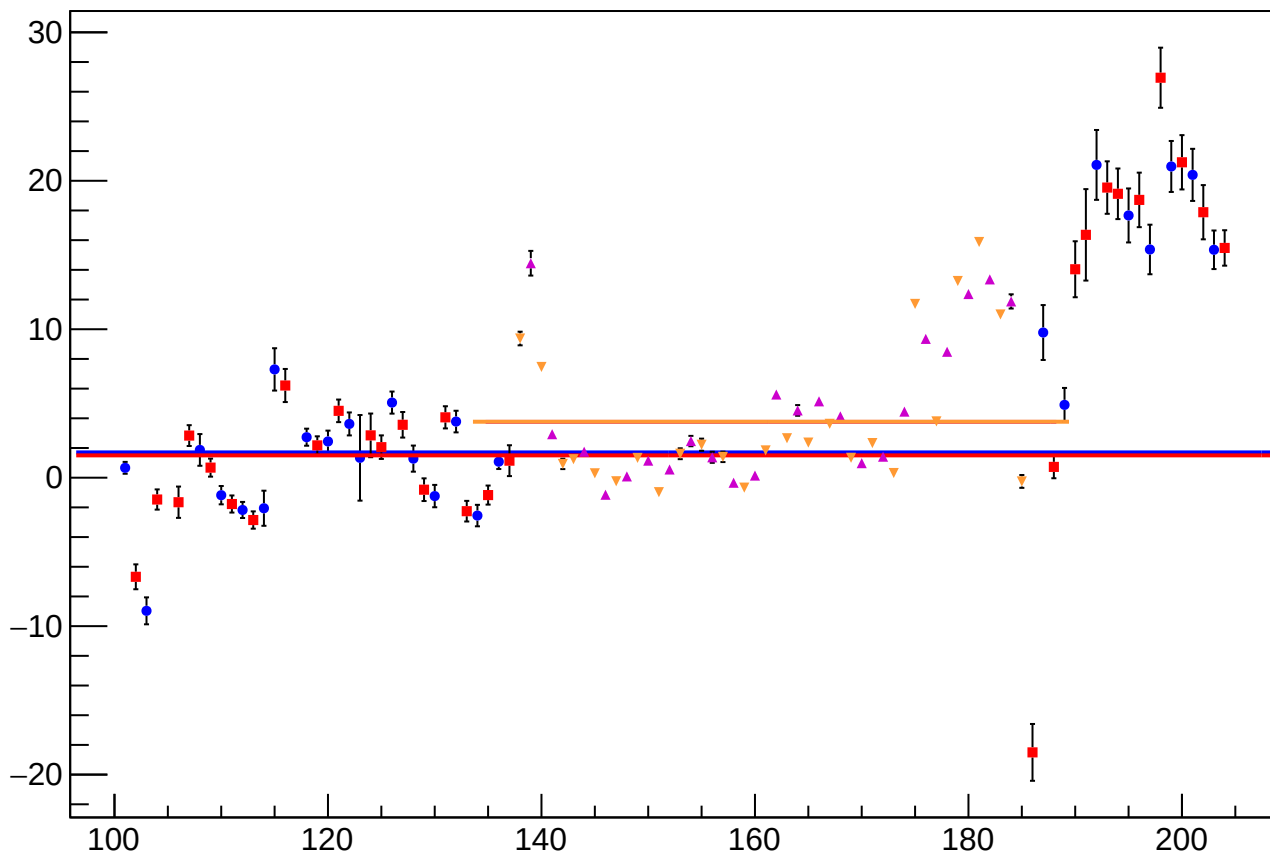
Left In: -11.580 ± 0.071 $\chi^2/\text{NDF}: 14243.6/22$

+ sign -11.850 ± 0.070 $\chi^2/\text{NDF}: 18258.8/32$

All: -11.580 ± 0.049 $\chi^2/\text{NDF}: 36634.5/66$

- sign -11.310 ± 0.070 $\chi^2/\text{NDF}: 18345.6/33$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 1.702 ± 0.162 χ^2/NDF : 922.7/24

Left Out: 3.770 ± 0.056 χ^2/NDF : 7420.4/24

Right Out: 1.504 ± 0.163 χ^2/NDF : 1294.6/28

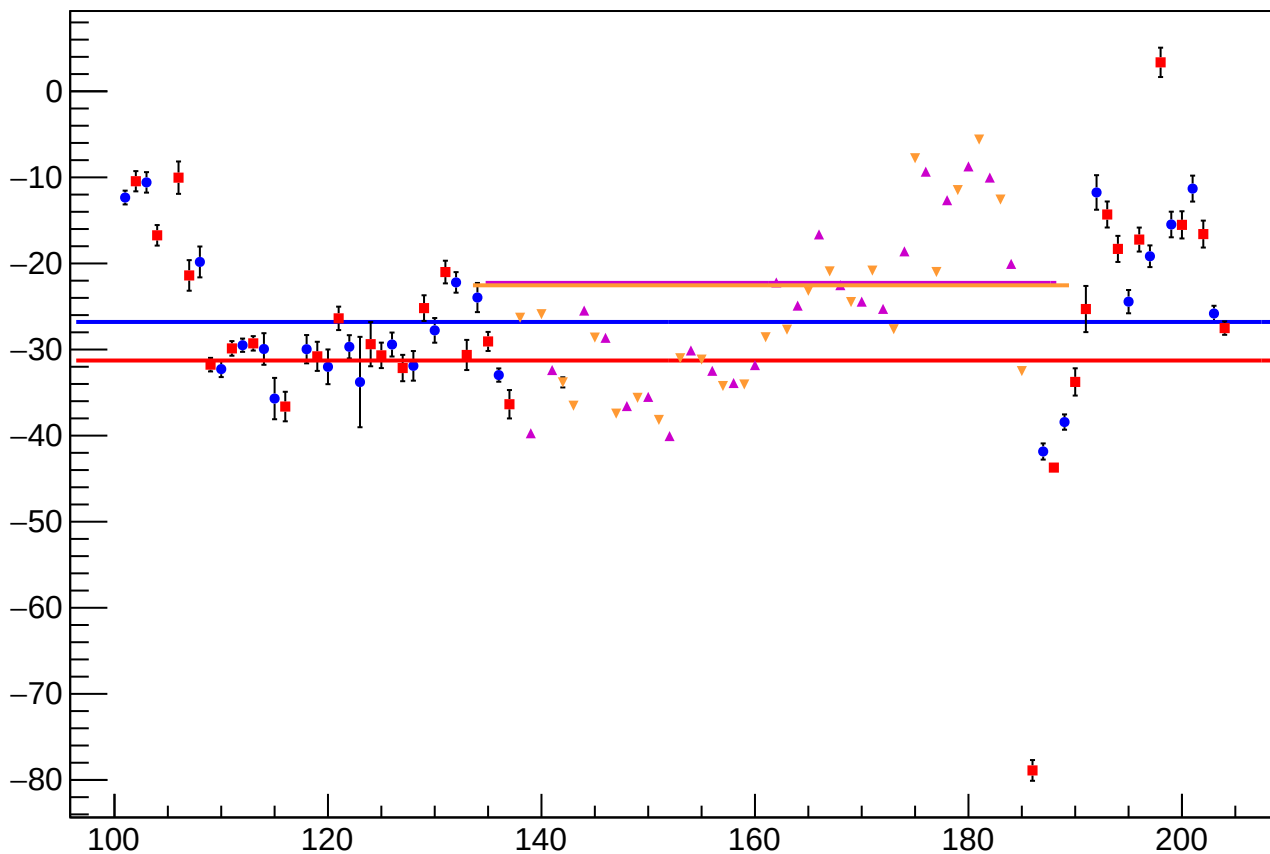
Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

+ sign 3.552 ± 0.053 χ^2/NDF : 8489.0/49

All: 3.533 ± 0.037 χ^2/NDF : 15609.3/101

- sign 3.515 ± 0.053 χ^2/NDF : 7120.0/51

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.796 ± 0.242 $\chi^2/\text{NDF}: 1387.4/24$

Left Out: -22.540 ± 0.071 $\chi^2/\text{NDF}: 19751.6/24$

Right Out: -31.276 ± 0.213 $\chi^2/\text{NDF}: 4060.8/28$

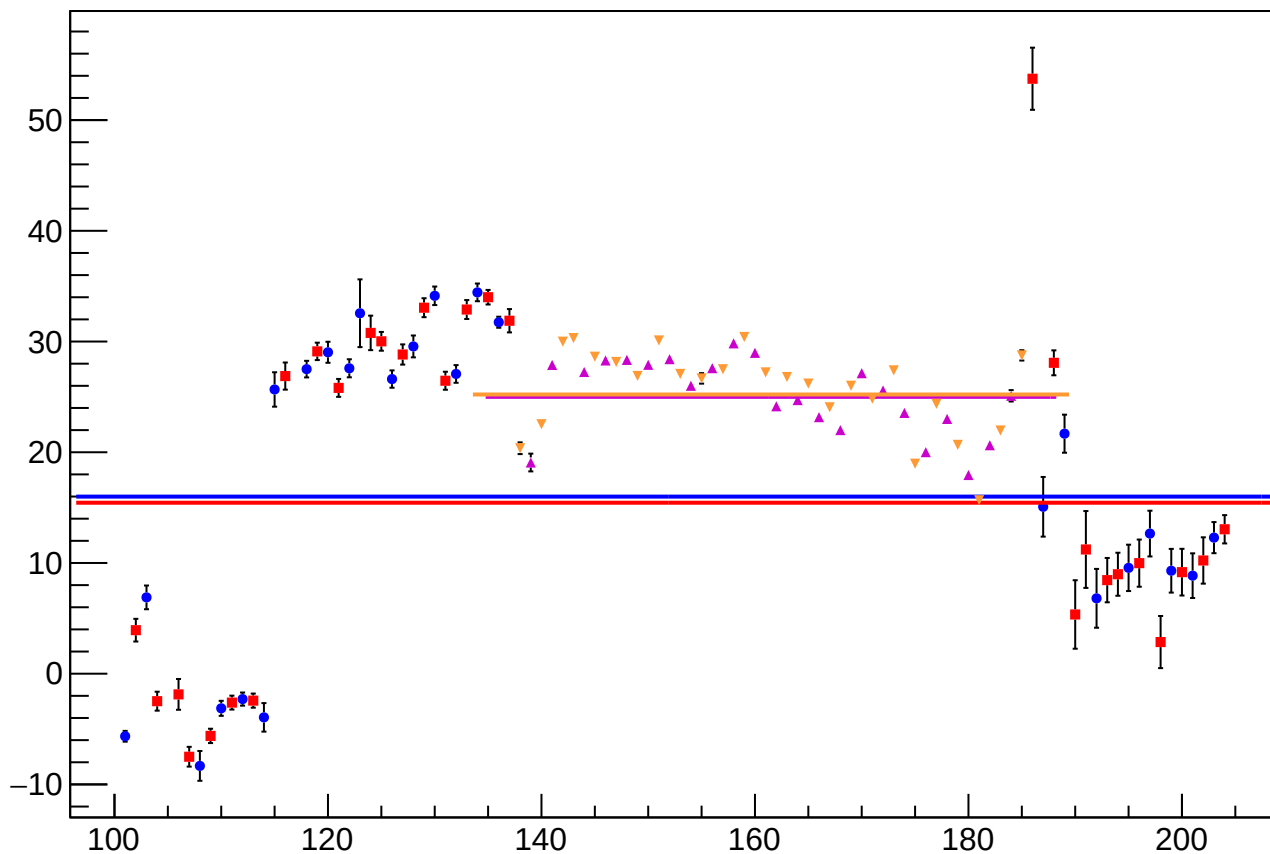
Left In: -22.258 ± 0.071 $\chi^2/\text{NDF}: 17838.4/22$

+ sign -22.876 ± 0.068 $\chi^2/\text{NDF}: 21424.3/49$

All: -23.021 ± 0.048 $\chi^2/\text{NDF}: 44940.2/101$

- sign -23.164 ± 0.068 $\chi^2/\text{NDF}: 23506.8/51$

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 15.994 $\pm$ 0.184 χ^2 /NDF: 7679.2/24

Left Out: 25.216 $\pm$ 0.063 χ^2 /NDF:3738.3/24

Right Out: 15.442 $\pm$ 0.186 χ^2 /NDF: 7669.5/28

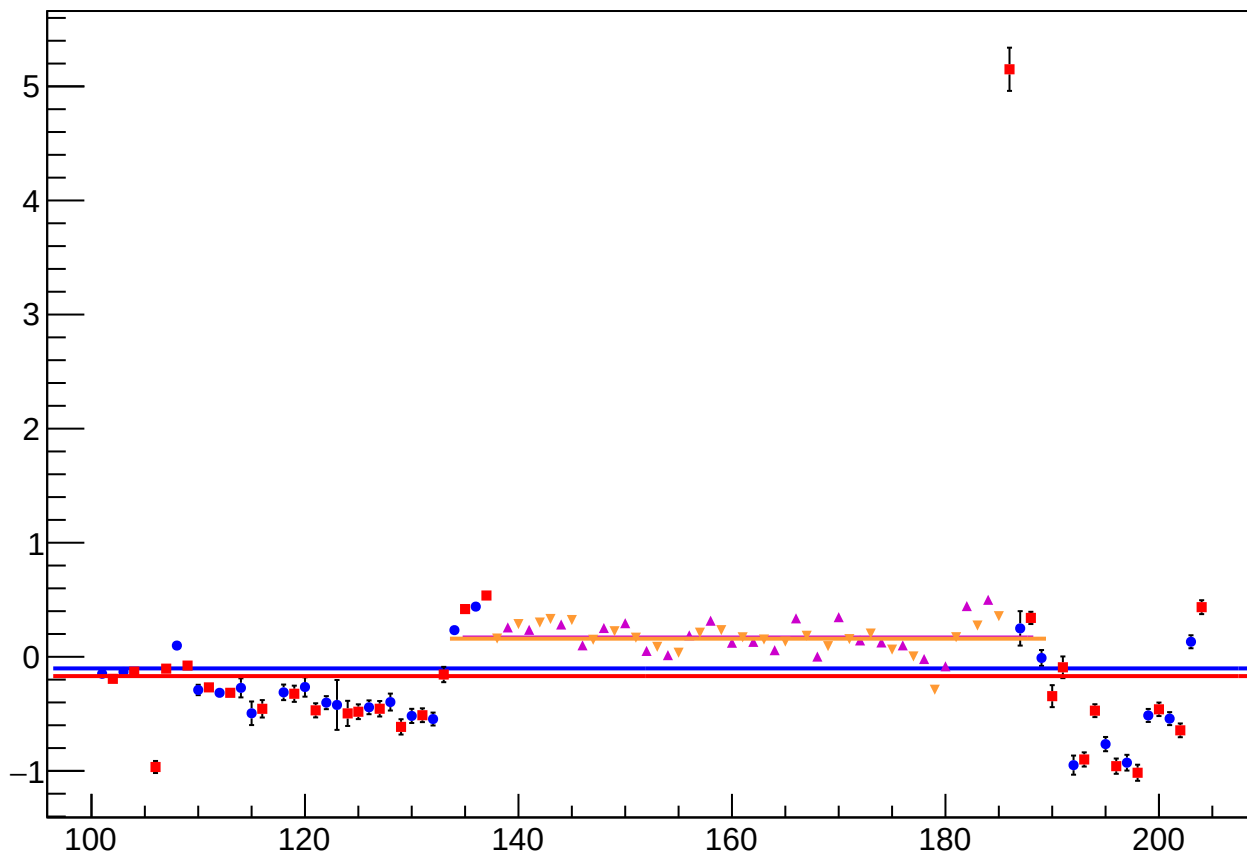
Left In: 25.005 $\pm$ 0.064 χ^2 /NDF:2733.7/22

+ sign 24.257 $\pm$ 0.059 χ^2 /NDF: 13664.8/49

All: 24.133 $\pm$ 0.042 χ^2 /NDF: 26436.3/101

- sign 24.007 $\pm$ 0.060 χ^2 /NDF: 12762.7/51

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.102 ± 0.009 χ^2/NDF : 1550.1/24

Left Out: 0.159 ± 0.003 χ^2/NDF : 1856.8/24

Right Out: -0.169 ± 0.009 χ^2/NDF : 2695.6/28

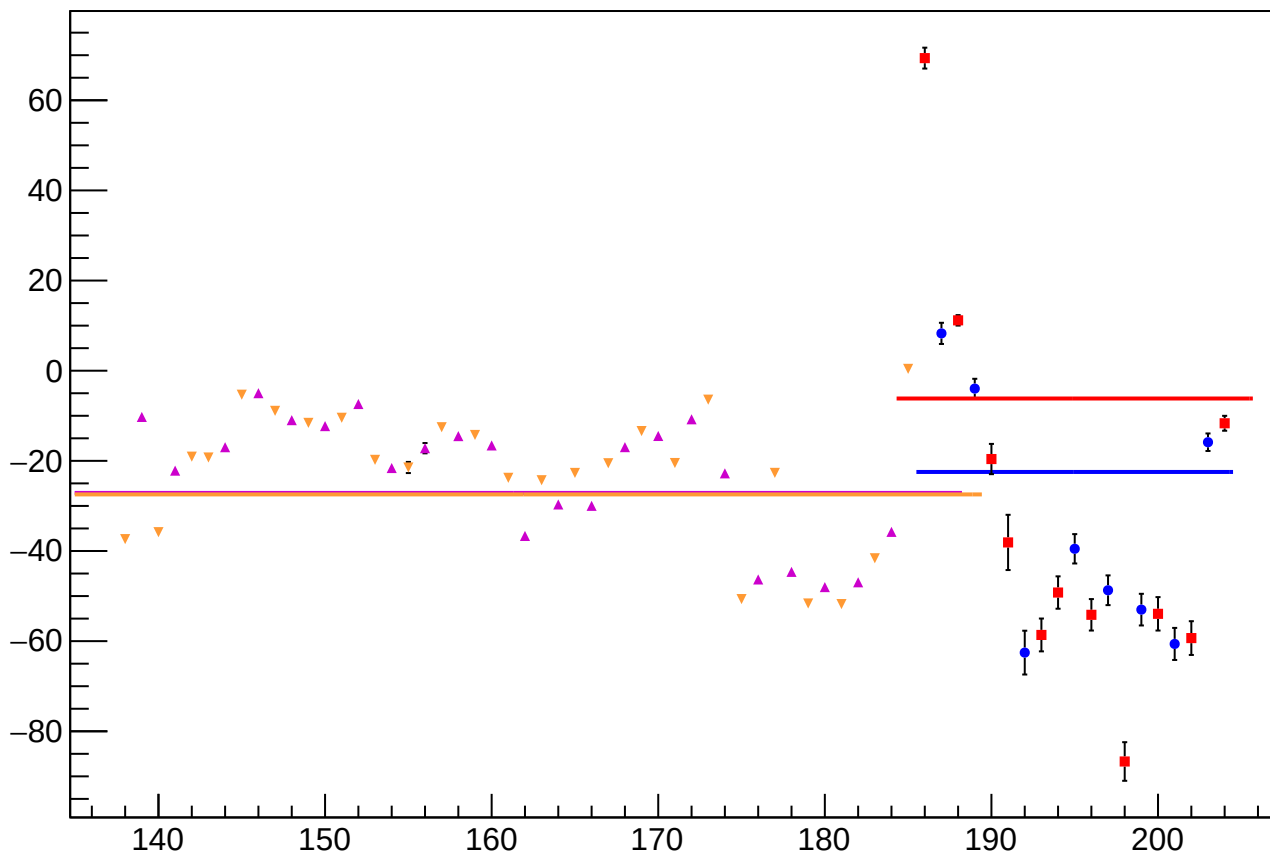
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ sign 0.137 ± 0.003 χ^2/NDF : 4102.8/49

All: 0.138 ± 0.002 χ^2/NDF : 10447.1/101

- sign 0.139 ± 0.003 χ^2/NDF : 6344.0/51

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -22.463 ± 0.978 χ^2/NDF : 604.2/7

Left Out: -27.447 ± 0.137 χ^2/NDF : 14820.6/24

Right Out: -6.169 ± 0.737 χ^2/NDF : 2600.1/10

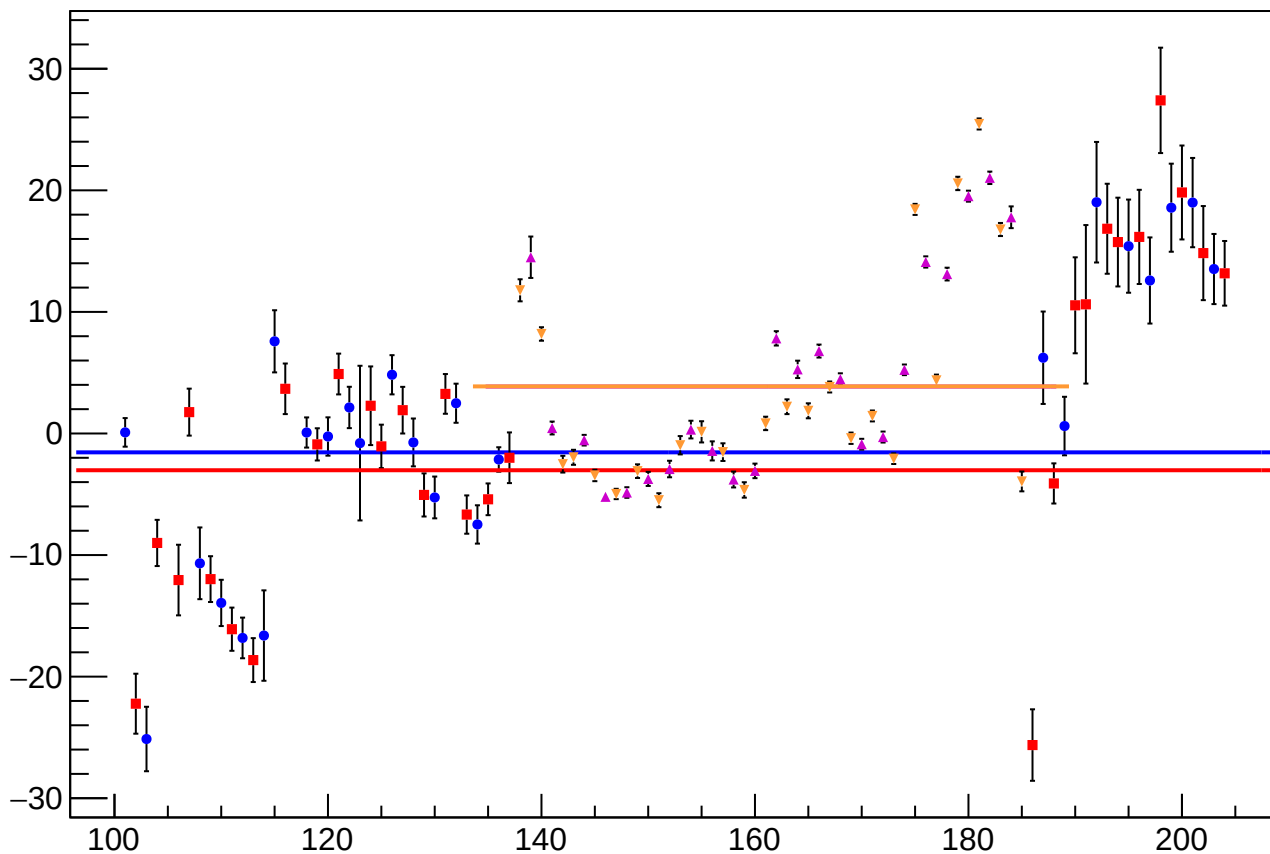
Left In: -27.114 ± 0.139 χ^2/NDF : 11443.8/22

+ sign -27.351 ± 0.136 χ^2/NDF : 15450.3/32

All: -26.876 ± 0.096 χ^2/NDF : 30299.3/66

- sign -26.397 ± 0.136 χ^2/NDF : 14824.4/33

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -1.552 ± 0.386 χ^2/NDF : 441.2/24

Left Out: 3.873 ± 0.109 χ^2/NDF : 6906.0/24

Right Out: -3.024 ± 0.389 χ^2/NDF : 606.8/28

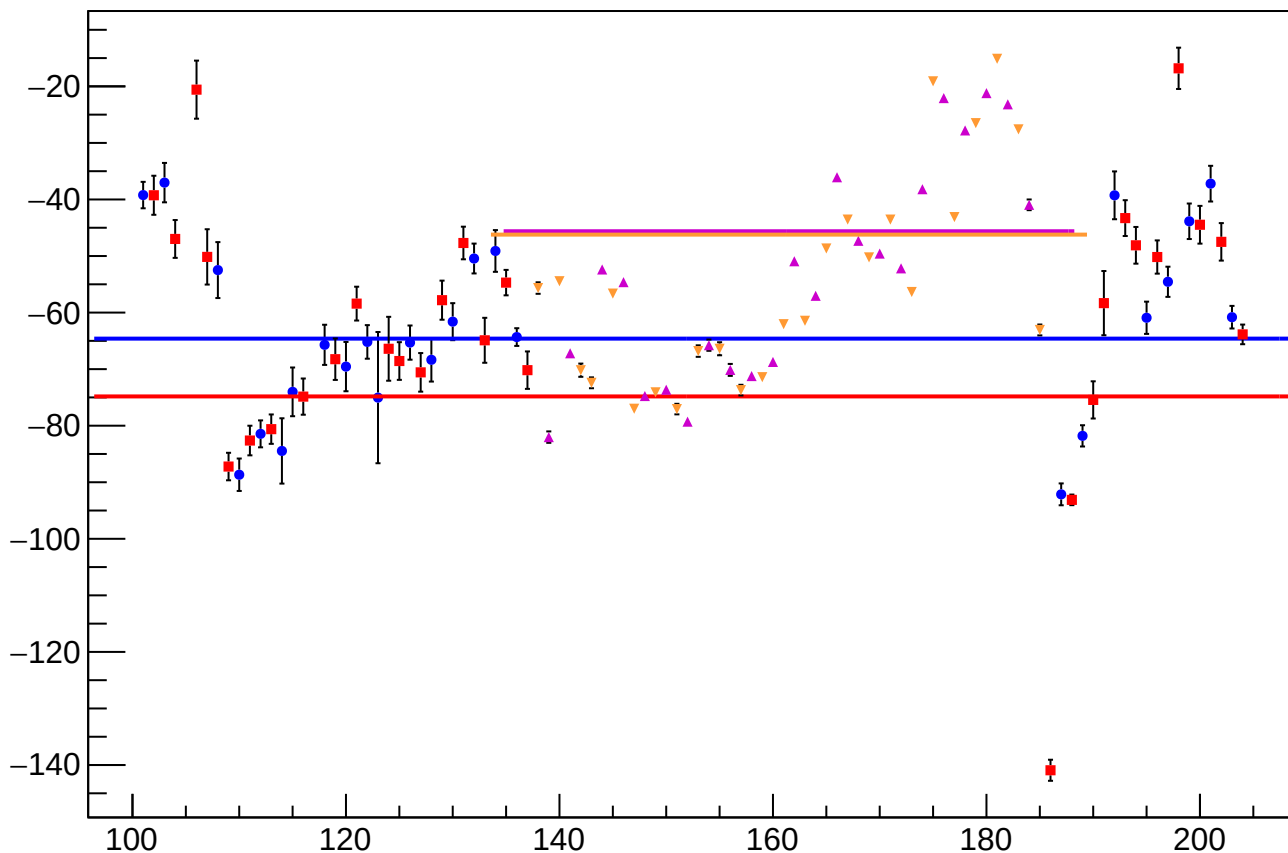
Left In: 3.861 ± 0.111 χ^2/NDF : 5438.4/22

+ sign 3.468 ± 0.105 χ^2/NDF : 7530.3/49

All: 3.407 ± 0.075 χ^2/NDF : 13865.4/101

- sign 3.345 ± 0.107 χ^2/NDF : 6334.5/51

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -64.605 ± 0.563 χ^2/NDF : 835.3/24

Left Out: -46.213 ± 0.138 χ^2/NDF : 19981.0/24

Right Out: -74.825 ± 0.487 χ^2/NDF : 2923.2/28

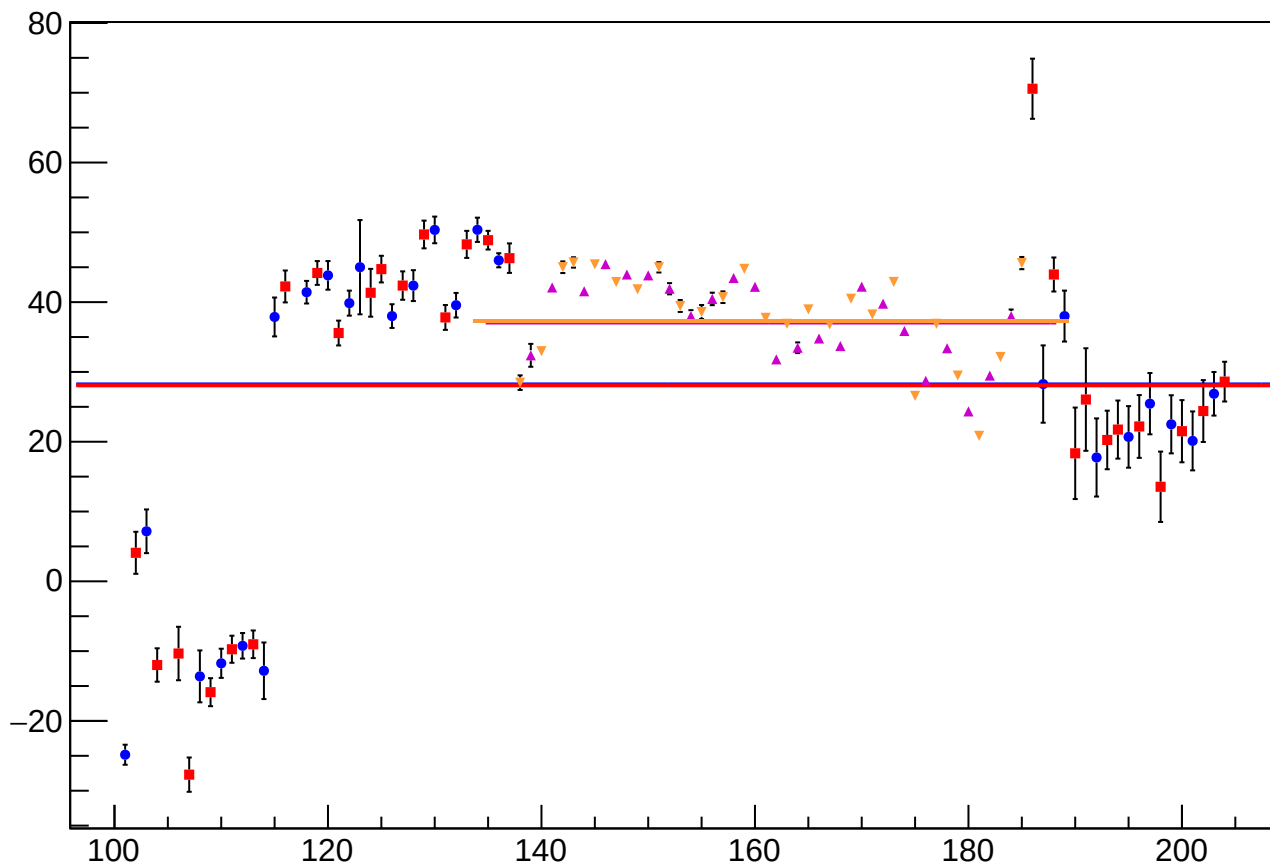
Left In: -45.616 ± 0.139 χ^2/NDF : 17743.8/22

+ sign -47.259 ± 0.134 χ^2/NDF : 21824.2/49

All: -47.539 ± 0.095 χ^2/NDF : 45822.1/101

- sign -47.819 ± 0.134 χ^2/NDF : 23989.2/51

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.206 $\pm$ 0.437 χ^2 /NDF: 3350.2/24

Left Out: 37.298 $\pm$ 0.123 χ^2 /NDF: 3113.0/24

Right Out: 28.079 $\pm$ 0.445 χ^2 /NDF: 3189.7/28

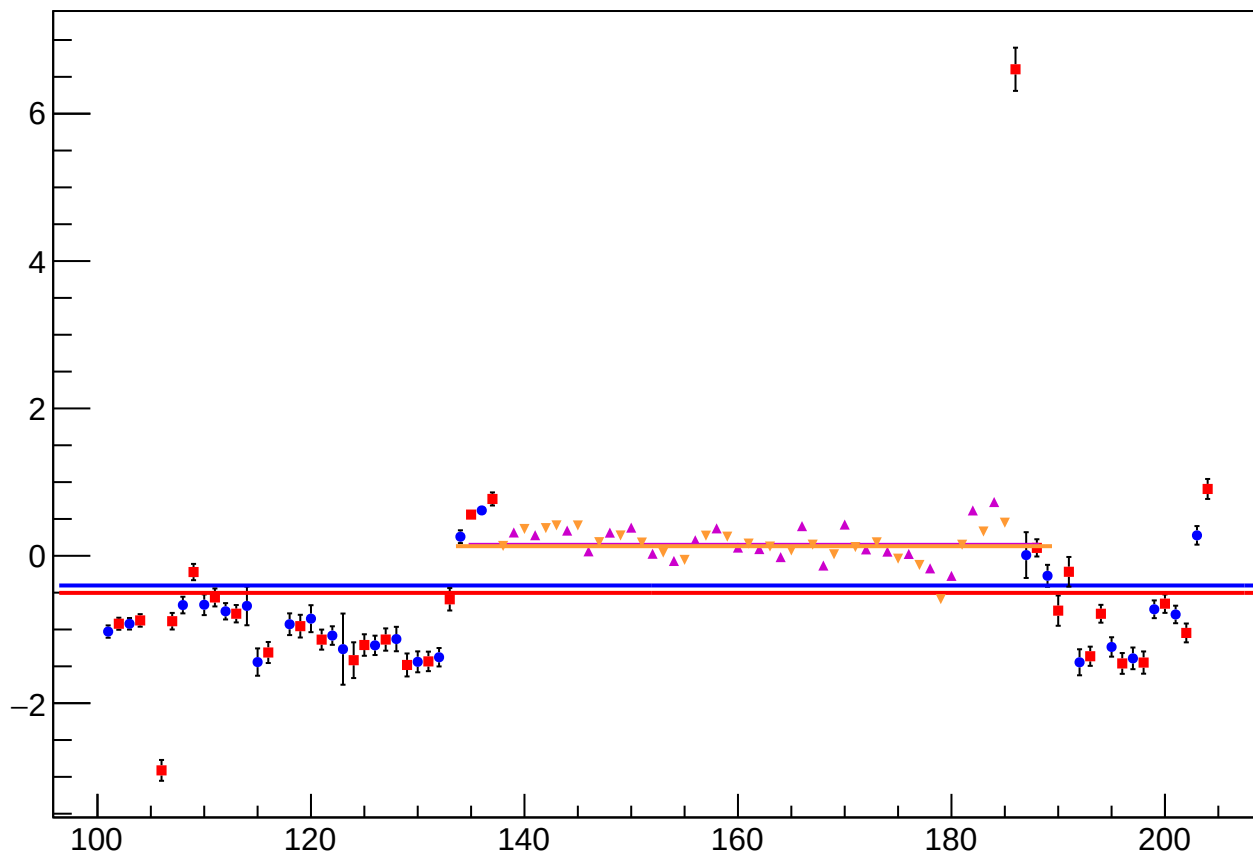
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF: 2405.4/22

+ sign 36.629 $\pm$ 0.118 χ^2 /NDF: 6864.9/49

All: 36.528 $\pm$ 0.084 χ^2 /NDF: 12840.6/101

- sign 36.424 $\pm$ 0.120 χ^2 /NDF: 5974.2/51

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.403 ± 0.022 χ^2/NDF : 1192.5/24

Left Out: 0.130 ± 0.006 χ^2/NDF : 1419.7/24

Right Out: -0.503 ± 0.022 χ^2/NDF : 2043.4/28

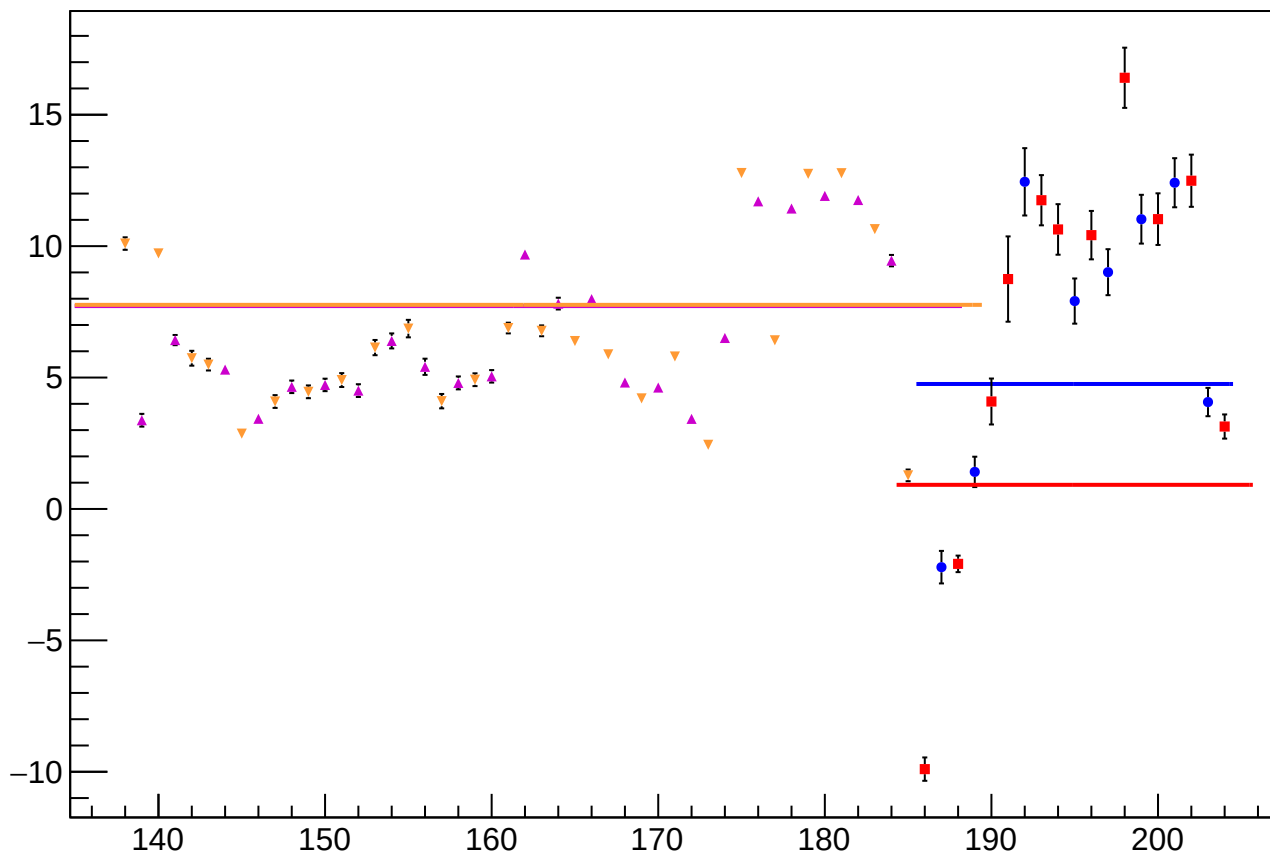
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.098 ± 0.005 χ^2/NDF : 3148.9/49

All: 0.103 ± 0.004 χ^2/NDF : 7820.7/101

- sign 0.108 ± 0.006 χ^2/NDF : 4670.3/51

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 4.755 ± 0.262 $\chi^2/\text{NDF}: 347.9/7$

Left Out: 7.766 ± 0.034 $\chi^2/\text{NDF}: 11703.8/24$

Right Out: 0.918 ± 0.190 $\chi^2/\text{NDF}: 1505.5/10$

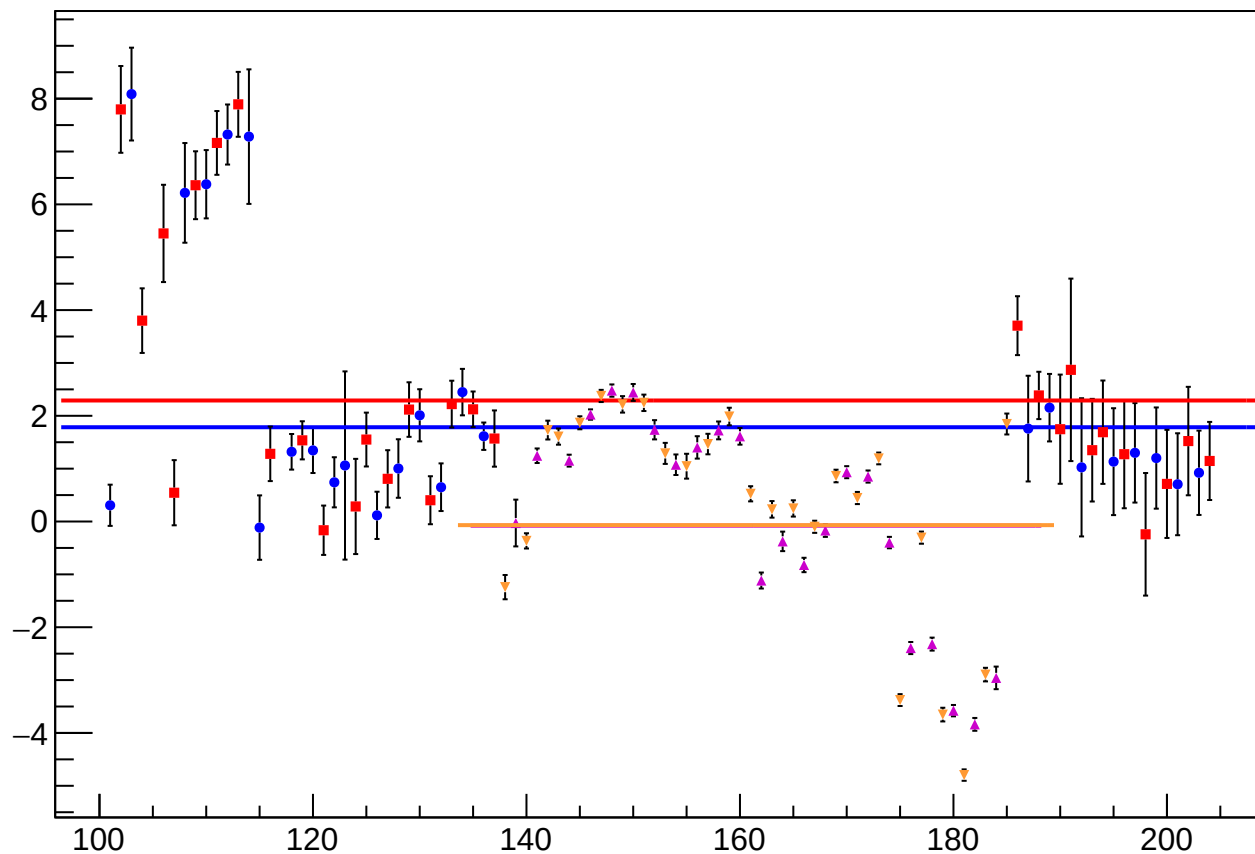
Left In: 7.719 ± 0.035 $\chi^2/\text{NDF}: 8490.5/22$

+ sign 7.715 ± 0.034 $\chi^2/\text{NDF}: 12182.0/32$

All: 7.607 ± 0.024 $\chi^2/\text{NDF}: 23440.1/66$

- sign 7.497 ± 0.034 $\chi^2/\text{NDF}: 11237.8/33$

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.784 ± 0.109 χ^2/NDF : 299.2/24

Left Out: -0.069 ± 0.028 χ^2/NDF : 6033.5/24

Right Out: 2.290 ± 0.109 χ^2/NDF : 348.8/28

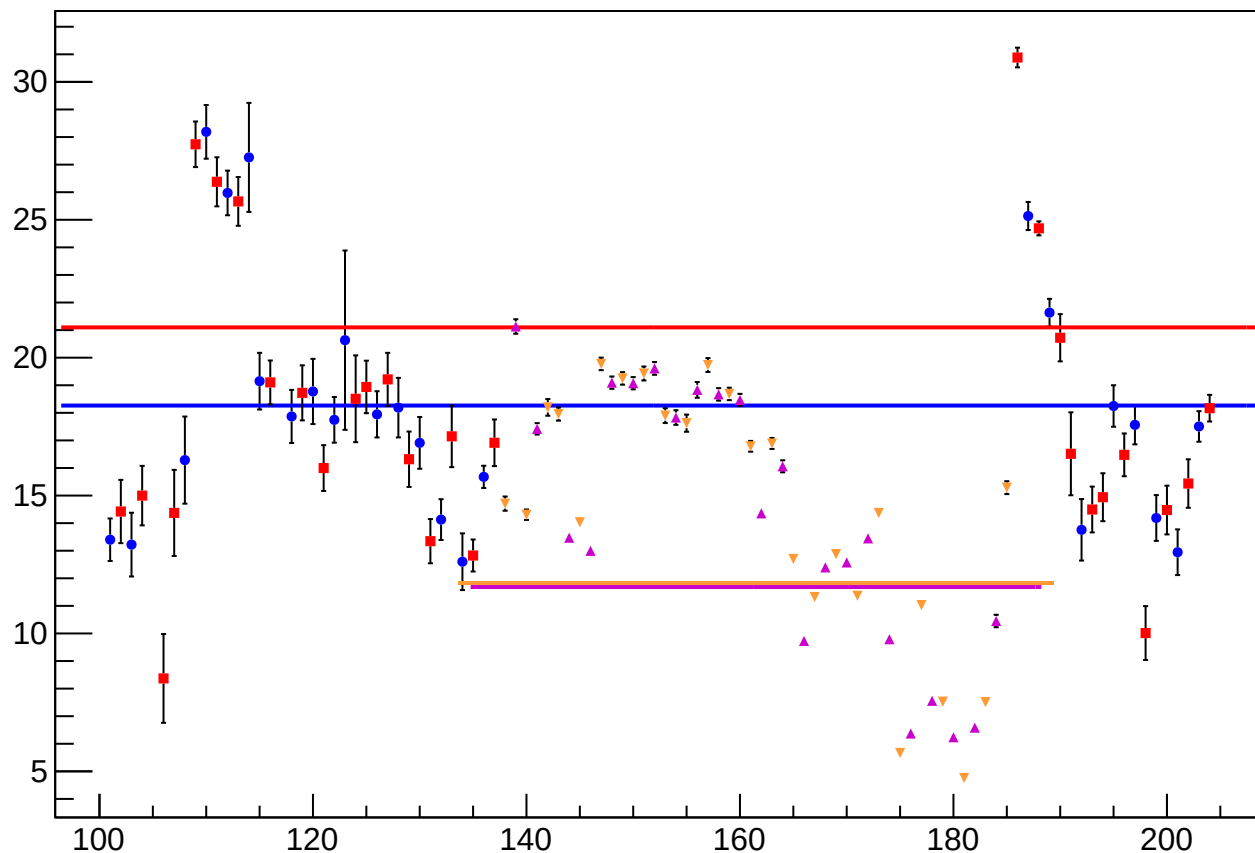
Left In: -0.079 ± 0.028 χ^2/NDF : 4989.1/22

+ sign 0.045 ± 0.027 χ^2/NDF : 6603.7/49

All: 0.056 ± 0.019 χ^2/NDF : 12380.9/101

- sign 0.068 ± 0.027 χ^2/NDF : 5776.8/51

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.264 ± 0.156 χ^2/NDF : 695.2/24

Left Out: 11.830 ± 0.035 χ^2/NDF : 19032.5/24

Right Out: 21.099 ± 0.131 χ^2/NDF : 2064.5/28

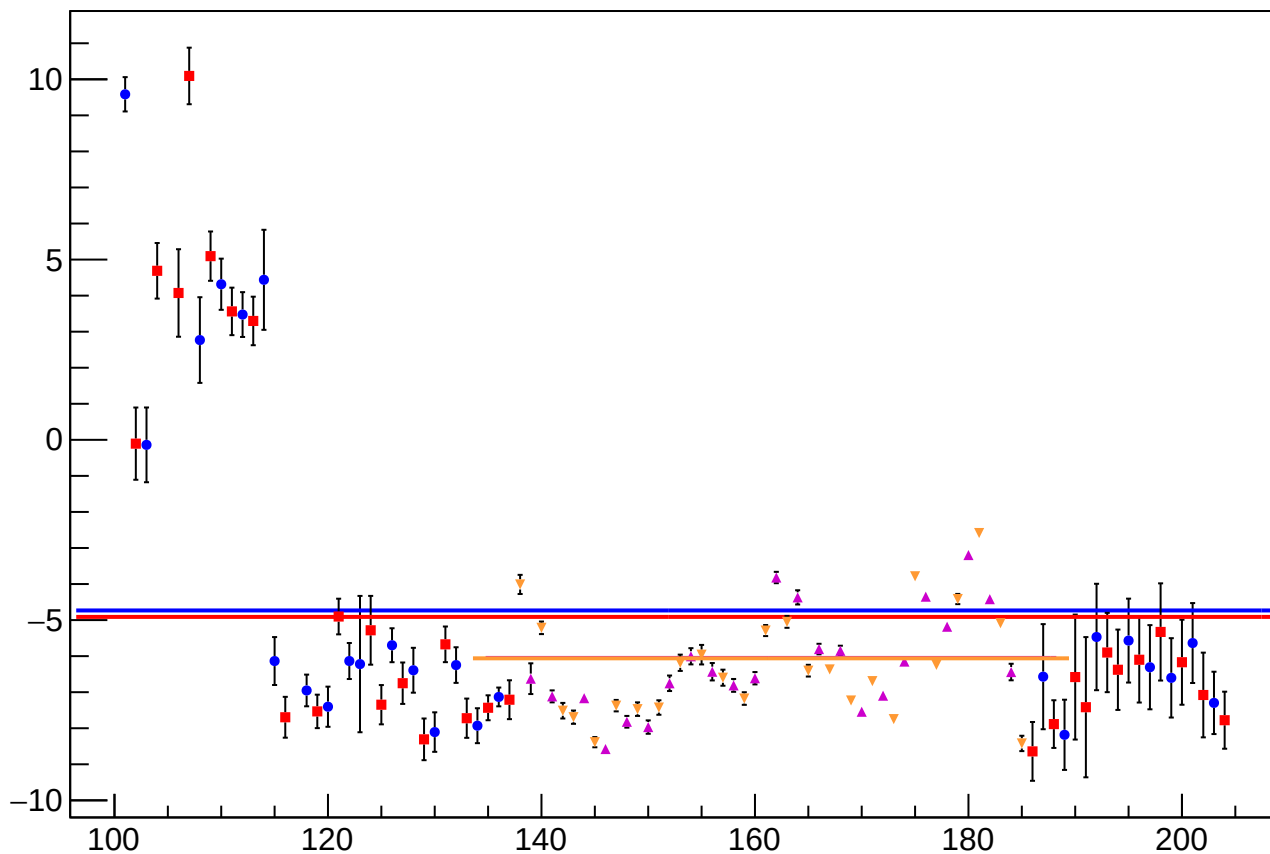
Left In: 11.683 ± 0.035 χ^2/NDF : 16927.3/22

+ sign 12.132 ± 0.034 χ^2/NDF : 21341.9/49

All: 12.222 ± 0.024 χ^2/NDF : 45169.9/101

- sign 12.312 ± 0.034 χ^2/NDF : 23813.9/51

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.733 ± 0.123 χ^2/NDF : 1621.8/24

Left Out: -6.061 ± 0.031 χ^2/NDF : 2649.3/24

Right Out: -4.912 ± 0.125 χ^2/NDF : 1413.2/28

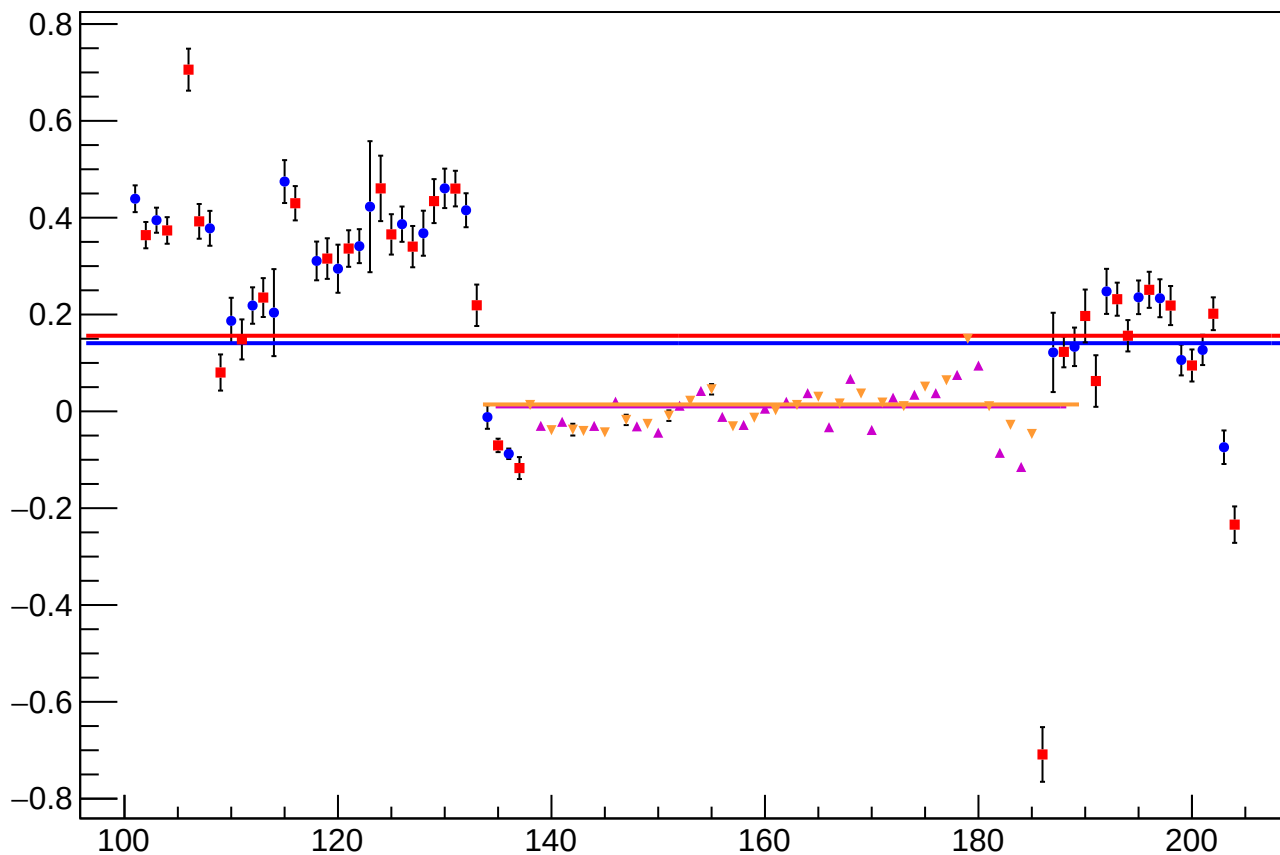
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.981 ± 0.030 χ^2/NDF : 4380.5/49

All: -5.981 ± 0.022 χ^2/NDF : 8174.4/101

- sign -5.982 ± 0.031 χ^2/NDF : 3793.9/51

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.141 $\pm$ 0.006 χ^2 /NDF: 1118.8/24

Left Out: 0.014 $\pm$ 0.001 χ^2 /NDF: 950.9/24

Right Out: 0.156 $\pm$ 0.006 χ^2 /NDF: 1379.7/28

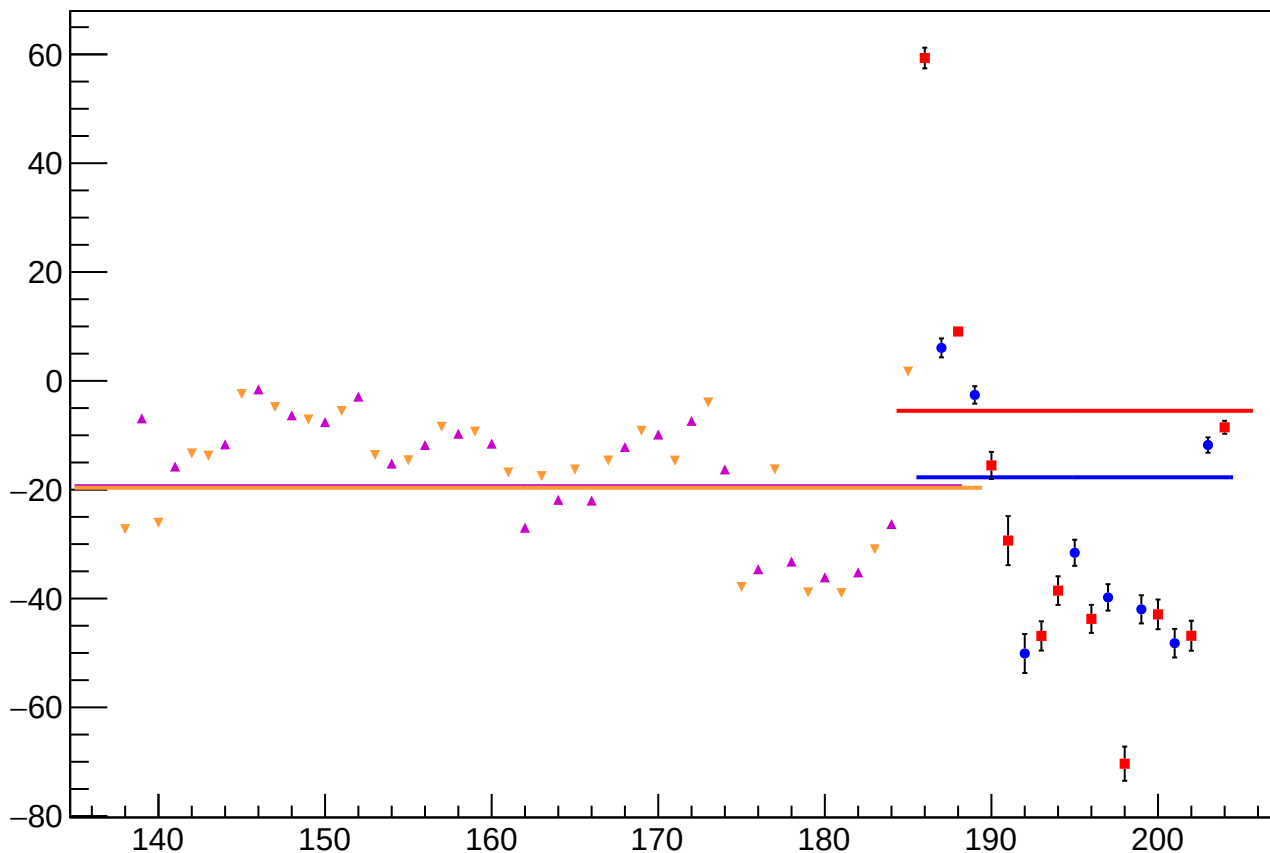
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 1224.5/22

+ sign 0.021 $\pm$ 0.001 χ^2 /NDF: 2460.4/49

All: 0.019 $\pm$ 0.001 χ^2 /NDF: 5589.6/101

- sign 0.018 $\pm$ 0.001 χ^2 /NDF: 3127.0/51

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -17.722 ± 0.718 χ^2/NDF : 714.0/7

Left Out: -19.642 ± 0.103 χ^2/NDF : 15730.6/24

Right Out: -5.502 ± 0.544 χ^2/NDF : 2964.0/10

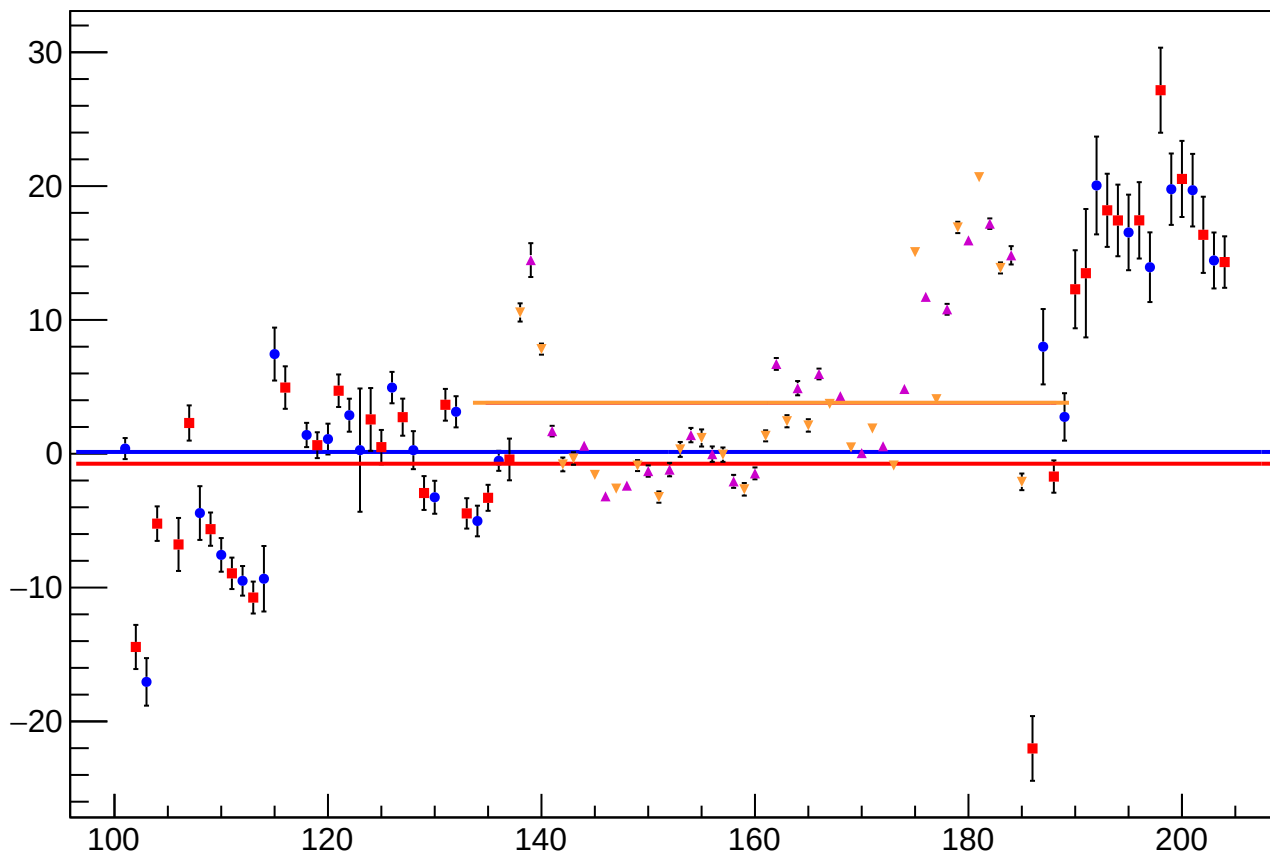
Left In: -19.355 ± 0.105 χ^2/NDF : 12417.1/22

+ sign -19.603 ± 0.102 χ^2/NDF : 16451.7/32

All: -19.234 ± 0.072 χ^2/NDF : 32483.9/66

- sign -18.862 ± 0.103 χ^2/NDF : 16006.1/33

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: 0.134 ± 0.275 $\chi^2/\text{NDF}: 555.0/24$

Left Out: 3.811 ± 0.082 $\chi^2/\text{NDF}: 7118.3/24$

Right Out: -0.745 ± 0.278 $\chi^2/\text{NDF}: 780.9/28$

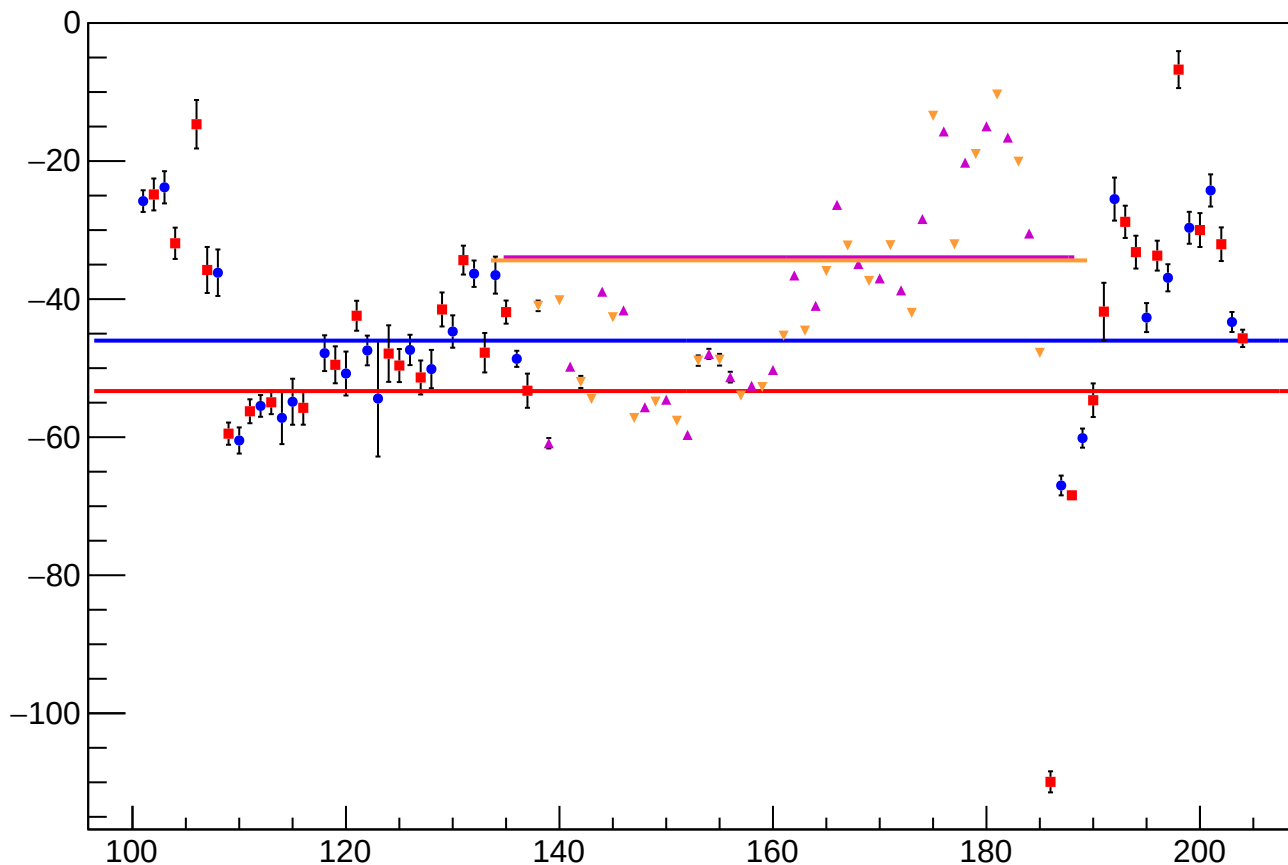
Left In: 3.795 ± 0.083 $\chi^2/\text{NDF}: 5534.4/22$

+ sign 3.510 ± 0.079 $\chi^2/\text{NDF}: 7837.0/49$

All: 3.466 ± 0.056 $\chi^2/\text{NDF}: 14397.7/101$

- sign 3.421 ± 0.080 $\chi^2/\text{NDF}: 6560.1/51$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -46.012 ± 0.405 χ^2/NDF : 952.7/24

Left Out: -34.389 ± 0.104 χ^2/NDF : 20032.2/24

Right Out: -53.318 ± 0.353 χ^2/NDF : 3234.5/28

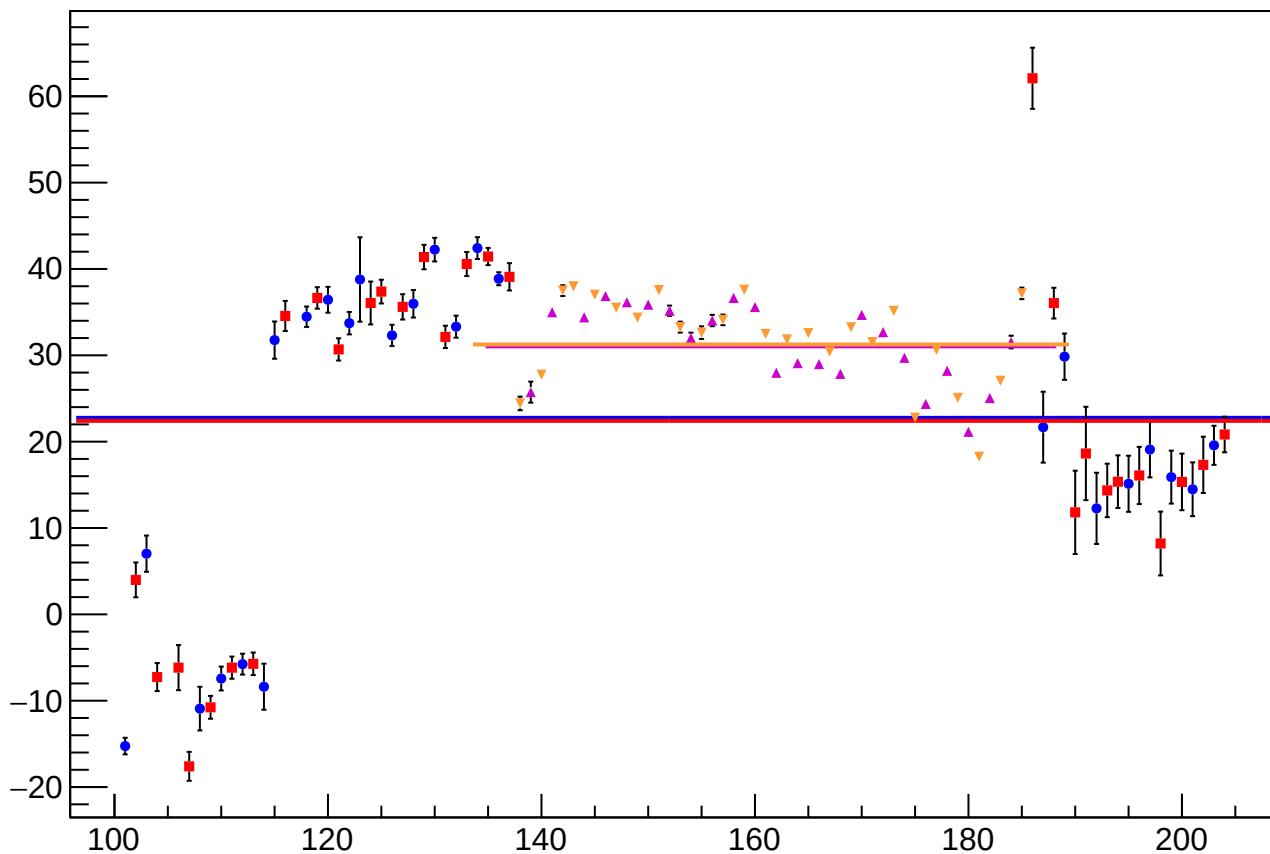
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ sign -35.111 ± 0.101 χ^2/NDF : 21759.2/49

All: -35.315 ± 0.071 χ^2/NDF : 45627.6/101

- sign -35.518 ± 0.100 χ^2/NDF : 23860.3/51

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.757 $\pm$ 0.312 χ^2 /NDF: 4381.3/24

Left Out: 31.252 $\pm$ 0.093 χ^2 /NDF:3305.3/24

Right Out: 22.412 $\pm$ 0.318 χ^2 /NDF: 4254.8/28

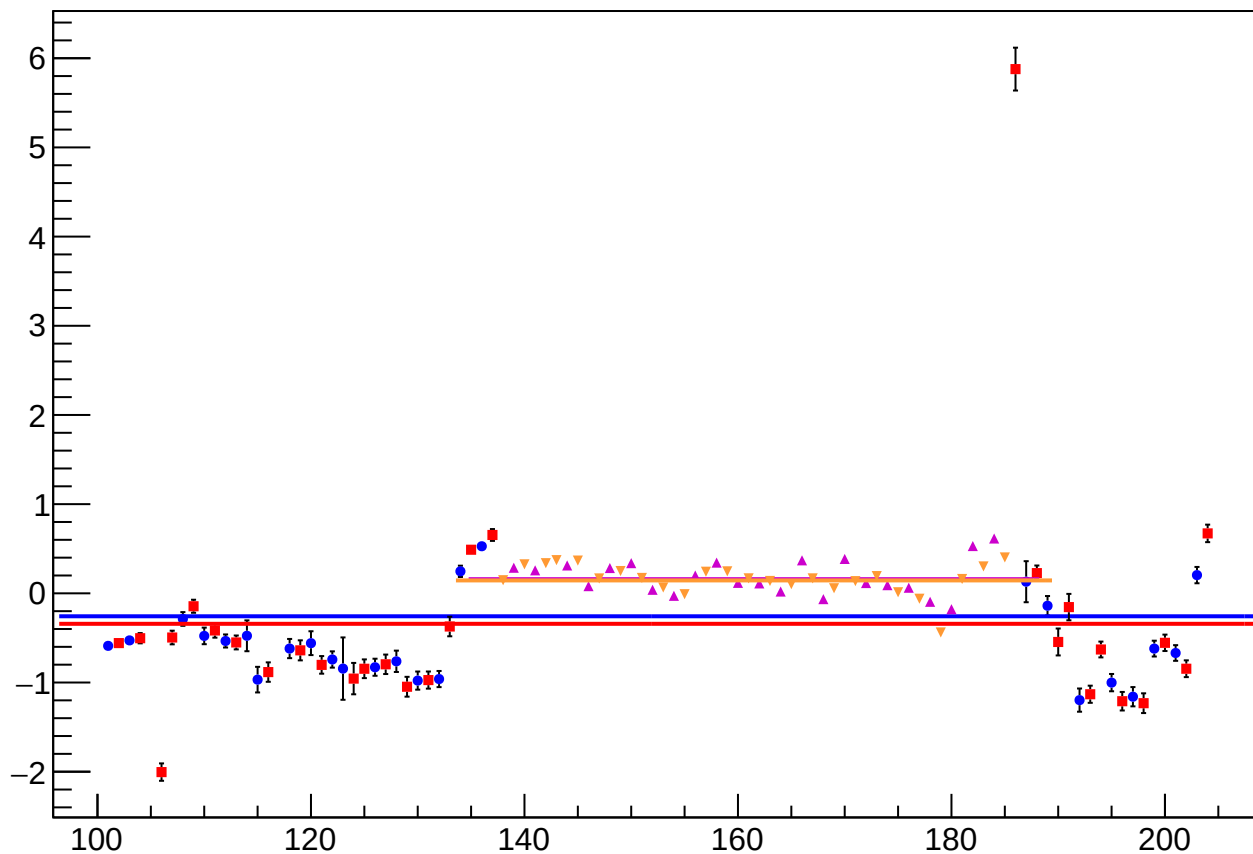
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ sign 30.566 $\pm$ 0.089 χ^2 /NDF: 8367.2/49

All: 30.458 $\pm$ 0.063 χ^2 /NDF: 15792.3/101

- sign 30.347 $\pm$ 0.090 χ^2 /NDF: 7422.1/51

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.257 ± 0.016 χ^2/NDF : 1264.9/24

Left Out: 0.145 ± 0.004 χ^2/NDF : 1572.6/24

Right Out: -0.342 ± 0.016 χ^2/NDF : 2250.6/28

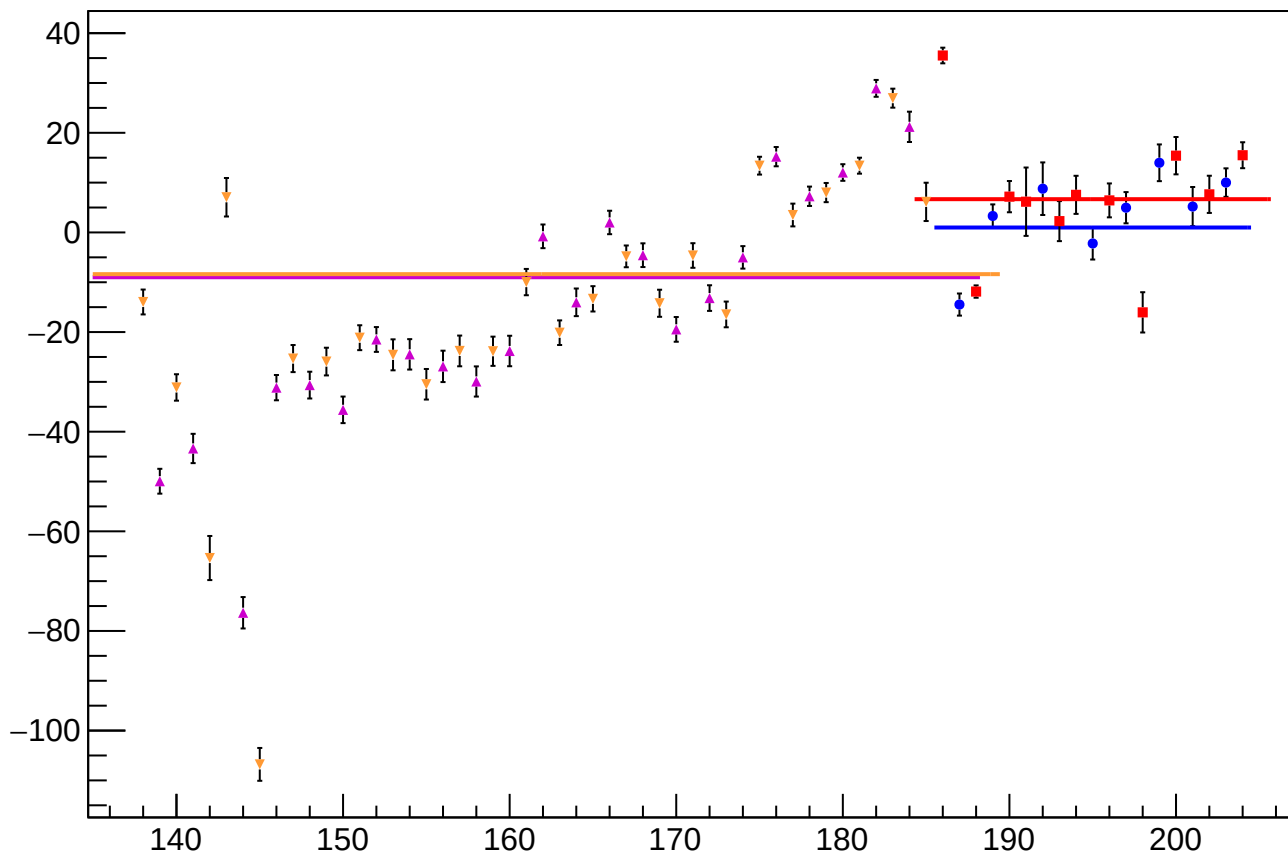
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.118 ± 0.004 χ^2/NDF : 3428.6/49

All: 0.121 ± 0.003 χ^2/NDF : 8636.0/101

- sign 0.125 ± 0.004 χ^2/NDF : 5206.2/51

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 0.987 ± 1.064 $\chi^2/\text{NDF}: 77.9/7$

Left Out: -8.375 ± 0.500 $\chi^2/\text{NDF}: 2224.0/24$

Right Out: 6.676 ± 0.756 $\chi^2/\text{NDF}: 610.9/10$

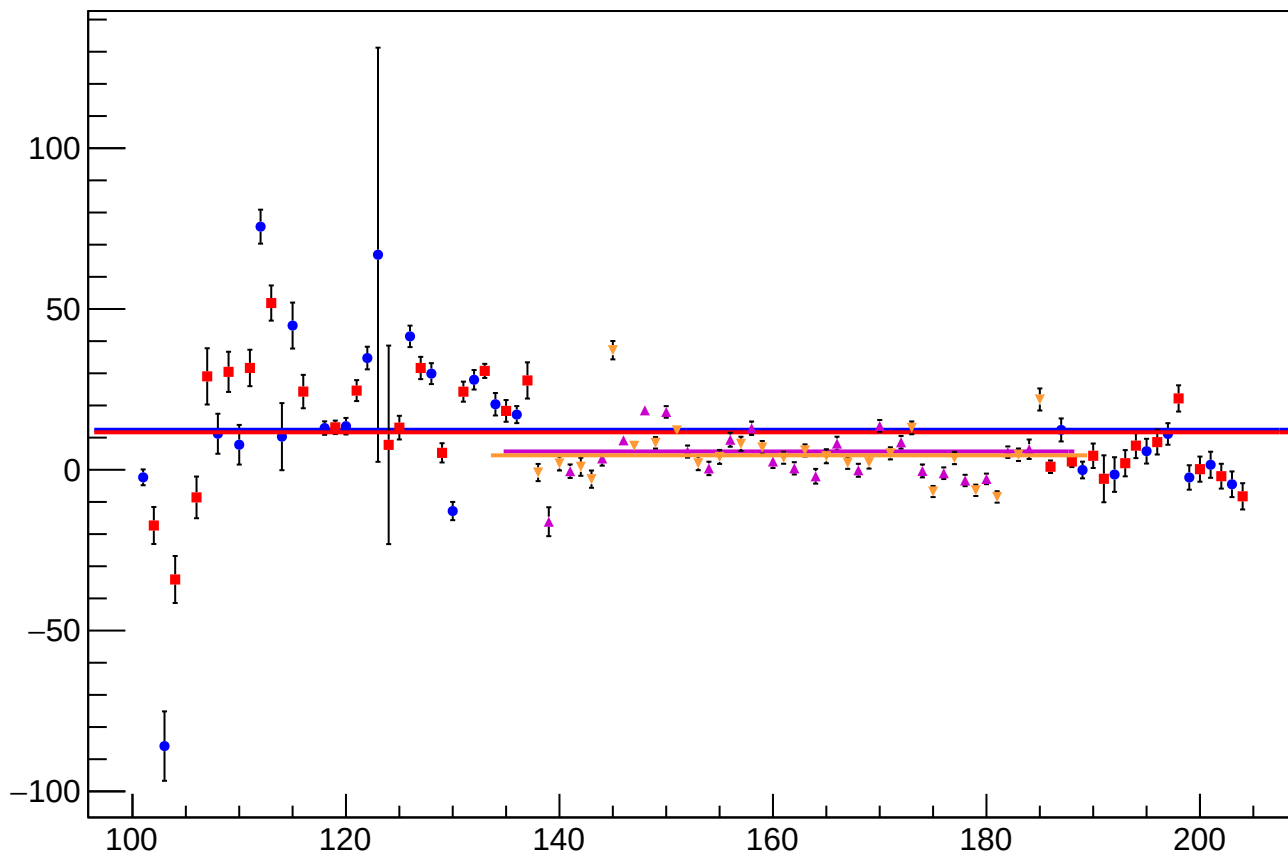
Left In: -8.995 ± 0.505 $\chi^2/\text{NDF}: 2308.2/22$

+ sign -6.681 ± 0.453 $\chi^2/\text{NDF}: 2365.2/32$

All: -5.327 ± 0.308 $\chi^2/\text{NDF}: 5597.9/66$

- sign -4.162 ± 0.420 $\chi^2/\text{NDF}: 3216.0/33$

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 12.449 ± 0.707 χ^2/NDF : 616.2/24

Left Out: 4.494 ± 0.393 χ^2/NDF : 372.1/24

Right Out: 11.654 ± 0.650 χ^2/NDF : 443.0/28

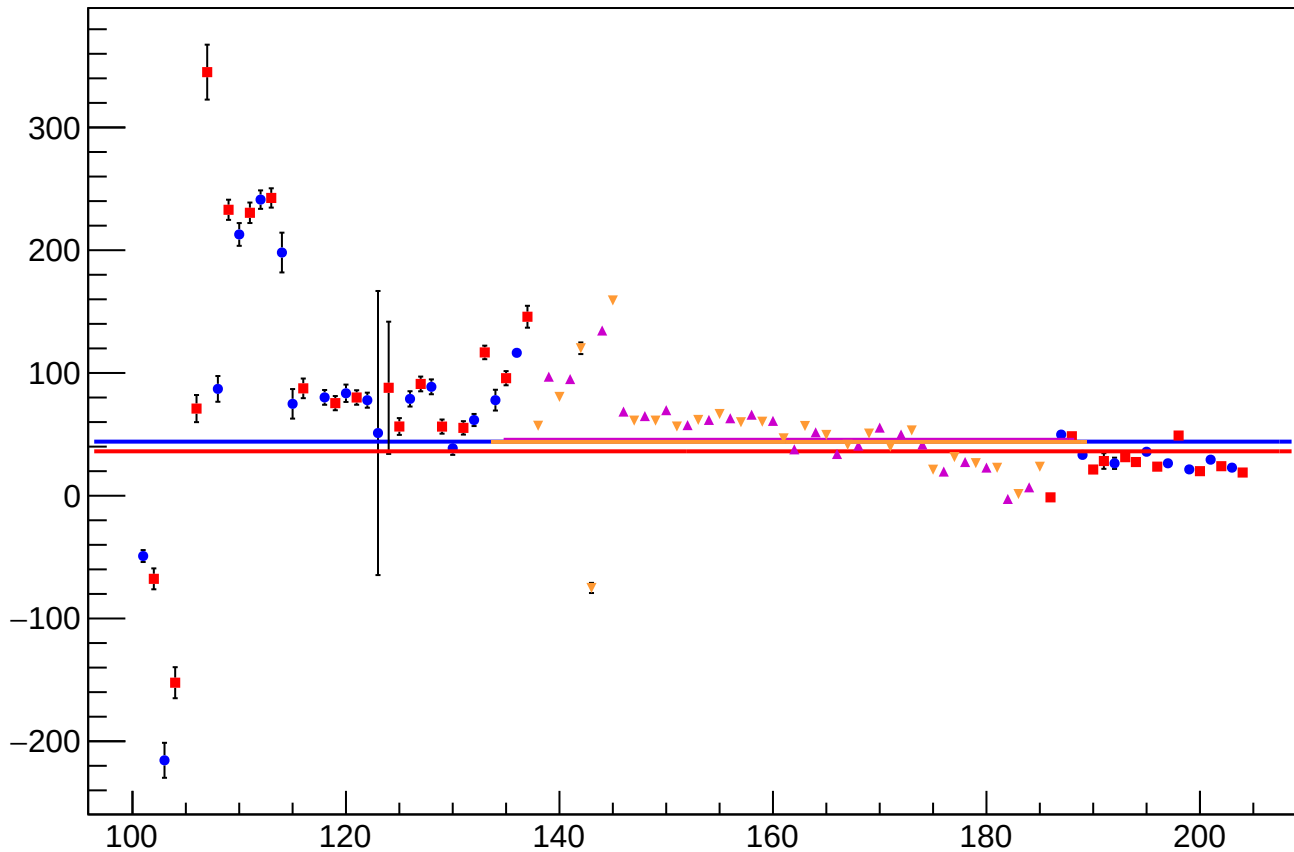
Left In: 5.699 ± 0.403 χ^2/NDF : 329.1/22

+ sign 6.371 ± 0.343 χ^2/NDF : 1085.1/49

All: 6.864 ± 0.243 χ^2/NDF : 1922.0/101

- sign 7.354 ± 0.343 χ^2/NDF : 832.8/51

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 44.073+/-0.801 χ^2/NDF : 2588.2/24

Left Out: 43.840+/-0.499 χ^2/NDF : 3680.9/24

Right Out: 36.175+/-0.598 χ^2/NDF : 4289.9/28

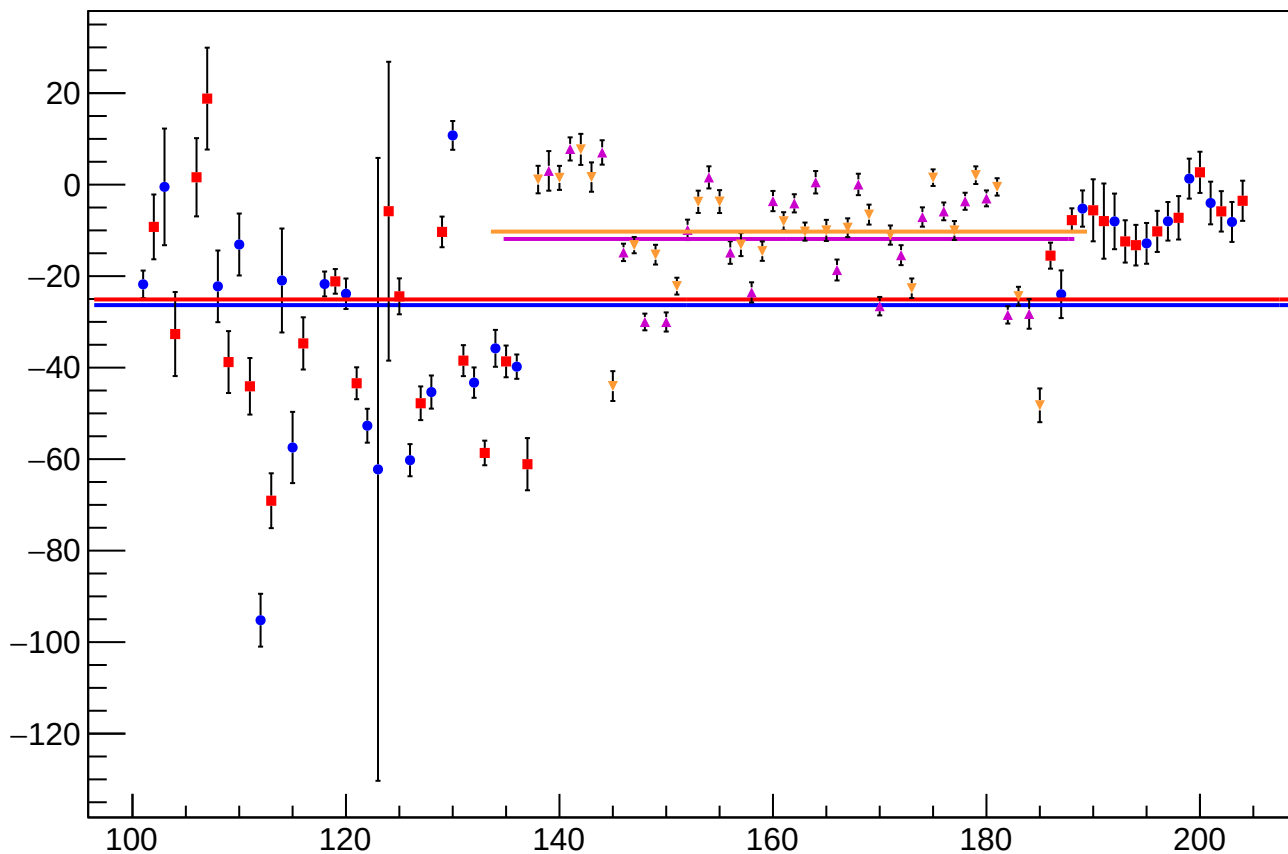
Left In: 45.559+/-0.502 χ^2/NDF : 3152.4/22

+ sign 43.905+/-0.424 χ^2/NDF : 6269.2/49

All: 42.683+/-0.285 χ^2/NDF : 13870.9/101

- sign 41.675+/-0.385 χ^2/NDF : 7586.6/51

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -26.334 ± 0.832 χ^2/NDF : 686.2/24

Left Out: -10.267 ± 0.445 χ^2/NDF : 553.7/24

Right Out: -25.095 ± 0.790 χ^2/NDF : 605.1/28

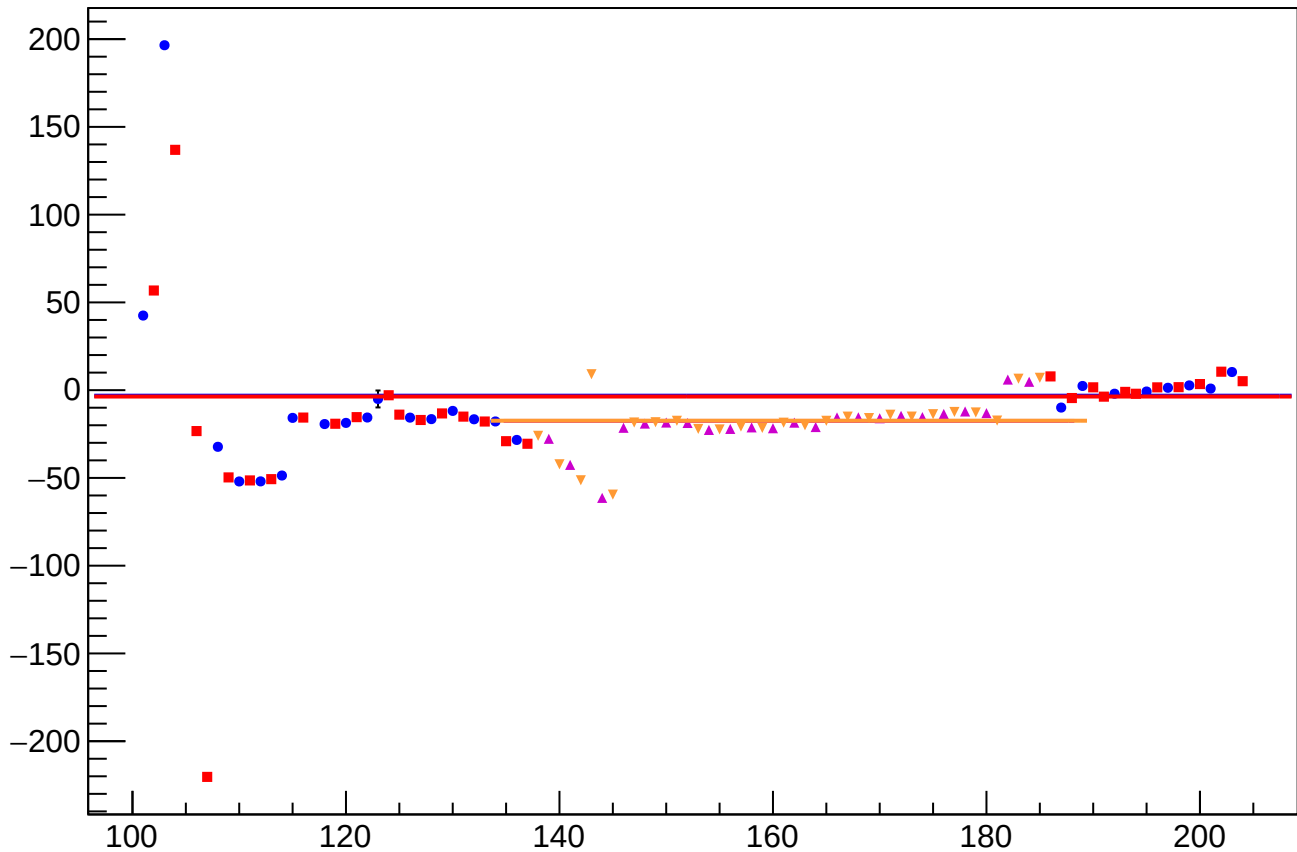
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ sign -13.839 ± 0.392 χ^2/NDF : 1529.8/49

All: -14.499 ± 0.278 χ^2/NDF : 3019.3/101

- sign -15.165 ± 0.394 χ^2/NDF : 1483.8/51

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -3.147 ± 0.040 χ^2/NDF : 598247.5/24

Left Out: -17.411 ± 0.020 χ^2/NDF : 320231.3/24

Right Out: -3.635 ± 0.037 χ^2/NDF : 600770.3/28

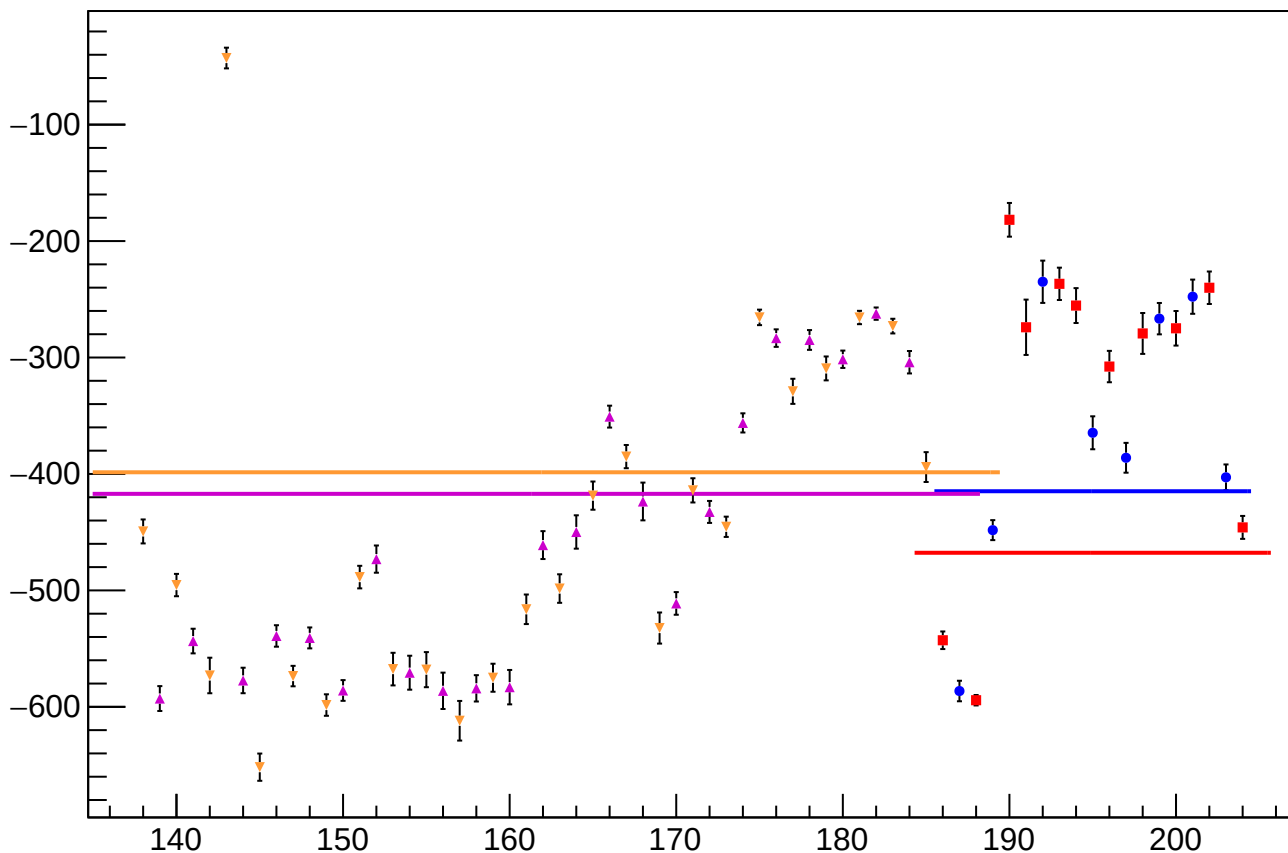
Left In: -17.552 ± 0.021 χ^2/NDF : 261900.3/22

+ sign -14.460 ± 0.018 χ^2/NDF : 1019362.5/49

All: -14.340 ± 0.013 χ^2/NDF : 1991429.6/101

- sign -14.222 ± 0.018 χ^2/NDF : 971980.9/51

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -414.838 ± 4.120 χ^2/NDF : 761.2/7

Left Out: -398.556 ± 1.962 χ^2/NDF : 5659.5/24

Right Out: -467.679 ± 2.986 χ^2/NDF : 2526.0/10

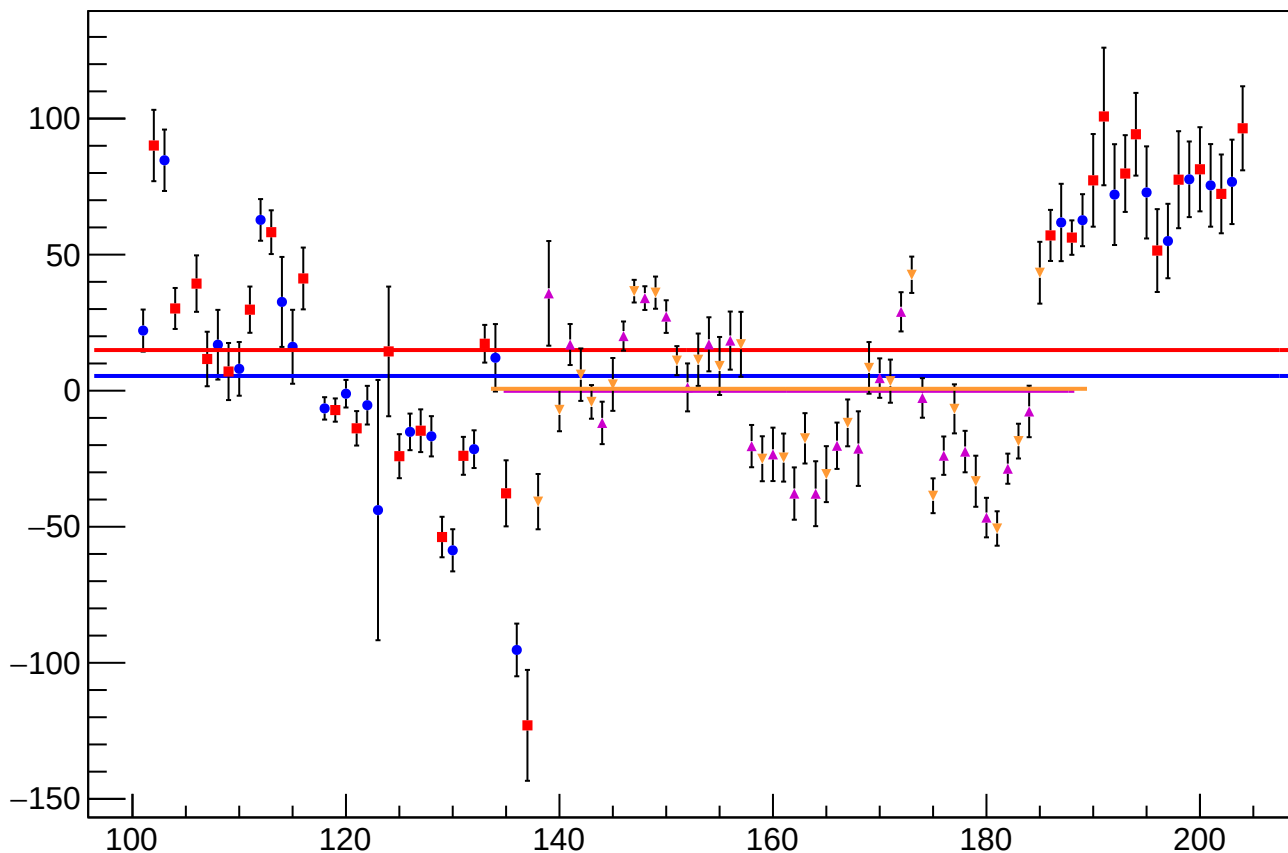
Left In: -417.080 ± 1.997 χ^2/NDF : 3958.5/22

+ sign -401.565 ± 1.771 χ^2/NDF : 6433.5/32

All: -418.149 ± 1.211 χ^2/NDF : 13281.2/66

- sign -432.716 ± 1.660 χ^2/NDF : 6683.0/33

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 5.411 ± 1.763 $\chi^2/\text{NDF}: 501.1/24$

Left Out: 0.697 ± 1.510 $\chi^2/\text{NDF}: 349.9/24$

Right Out: 14.934 ± 1.710 $\chi^2/\text{NDF}: 562.9/28$

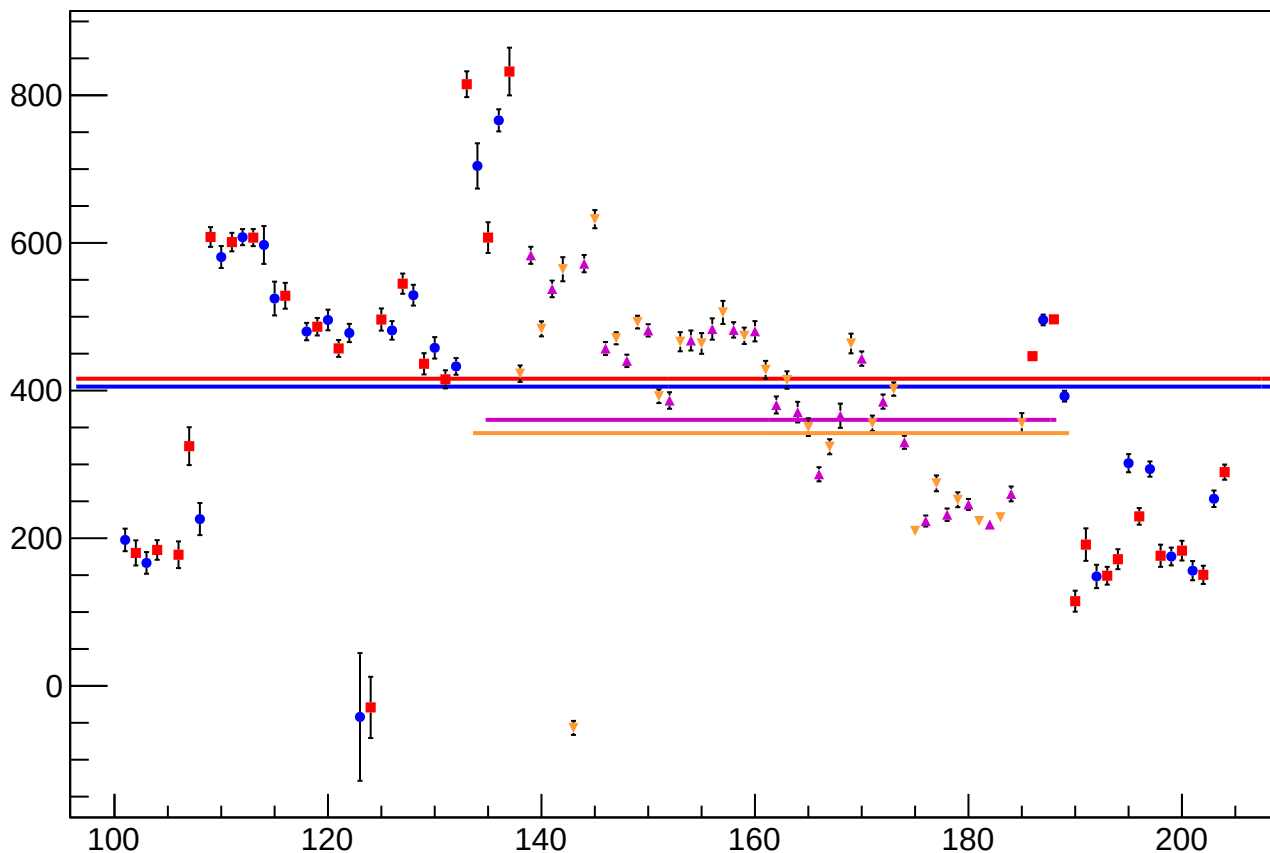
Left In: -0.052 ± 1.571 $\chi^2/\text{NDF}: 264.1/22$

+ sign 2.692 ± 1.147 $\chi^2/\text{NDF}: 855.1/49$

All: 4.731 ± 0.815 $\chi^2/\text{NDF}: 1730.1/101$

- sign 6.806 ± 1.157 $\chi^2/\text{NDF}: 868.6/51$

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 405.368+/-2.544 χ^2/NDF : 3561.4/24

Left Out: 342.368+/-1.970 χ^2/NDF : 5181.7/24

Right Out: 416.064+/-2.055 χ^2/NDF : 5808.7/28

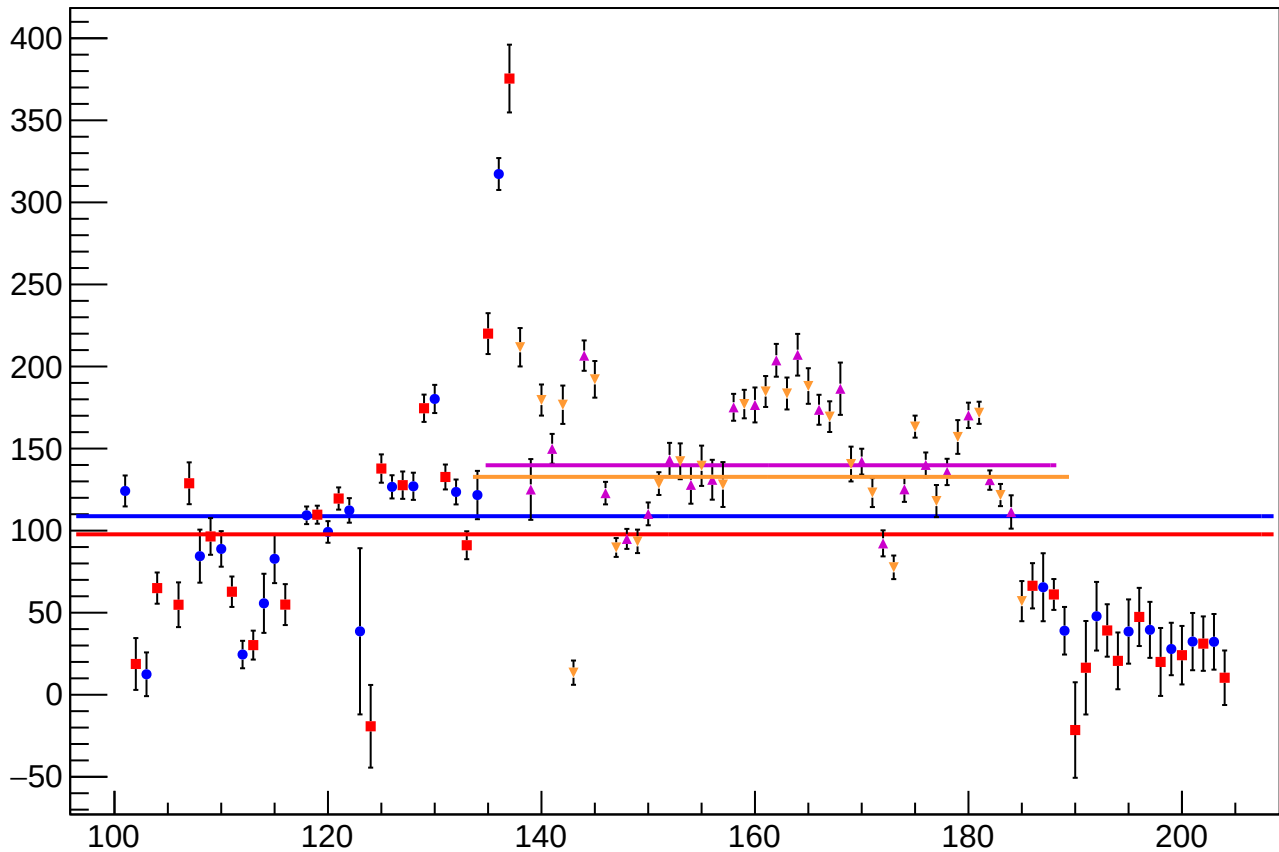
Left In: 360.355+/-1.996 χ^2/NDF : 3449.9/22

+ sign 365.985+/-1.557 χ^2/NDF : 9126.6/49

All: 377.591+/-1.054 χ^2/NDF : 18865.9/101

- sign 387.396+/-1.432 χ^2/NDF : 9636.9/51

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 108.796 ± 2.067 $\chi^2/\text{NDF}: 853.6/24$

Left Out: 132.762 ± 1.736 $\chi^2/\text{NDF}: 749.6/24$

Right Out: 97.748 ± 2.014 $\chi^2/\text{NDF}: 754.7/28$

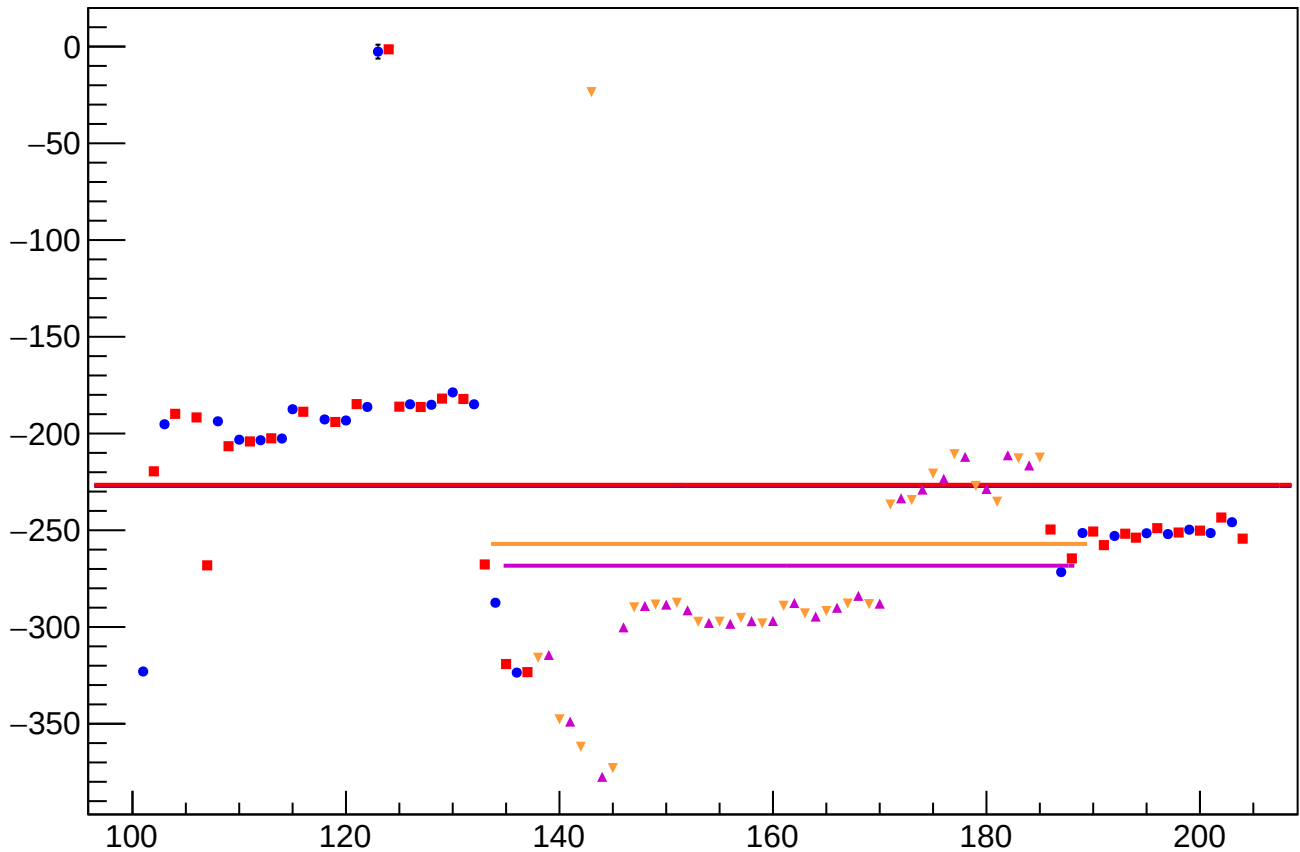
Left In: 139.828 ± 1.790 $\chi^2/\text{NDF}: 321.7/22$

+ sign 122.851 ± 1.329 $\chi^2/\text{NDF}: 1682.0/49$

All: 122.063 ± 0.943 $\chi^2/\text{NDF}: 3003.0/101$

- sign 121.264 ± 1.338 $\chi^2/\text{NDF}: 1320.3/51$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -227.057 $\pm$ 0.114 χ^2/NDF : 166629.2/24

Left Out: -257.067 $\pm$ 0.082 χ^2/NDF : 665762.3/24

Right Out: -226.480 $\pm$ 0.105 χ^2/NDF : 147248.6/28

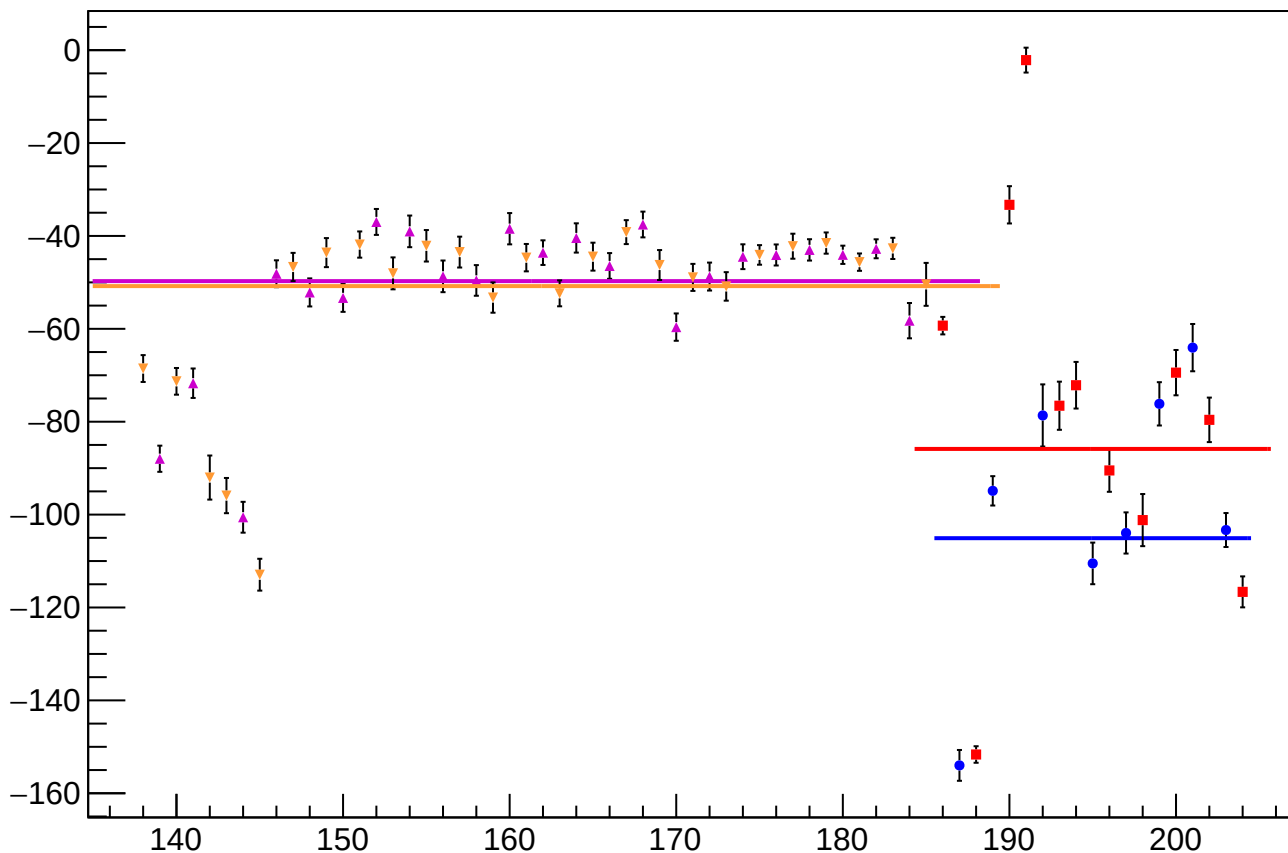
Left In: -268.305 $\pm$ 0.083 χ^2/NDF : 264853.3/22

+ sign -246.756 $\pm$ 0.067 χ^2/NDF : 878102.7/49

All: -249.501 $\pm$ 0.047 χ^2/NDF : 1391116.6/10

- sign -252.127 $\pm$ 0.065 χ^2/NDF : 509695.9/51

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -105.079 ± 1.453 χ^2/NDF : 348.6/7

Left Out: -50.802 ± 0.574 χ^2/NDF : 752.7/24

Right Out: -85.859 ± 0.941 χ^2/NDF : 2828.9/10

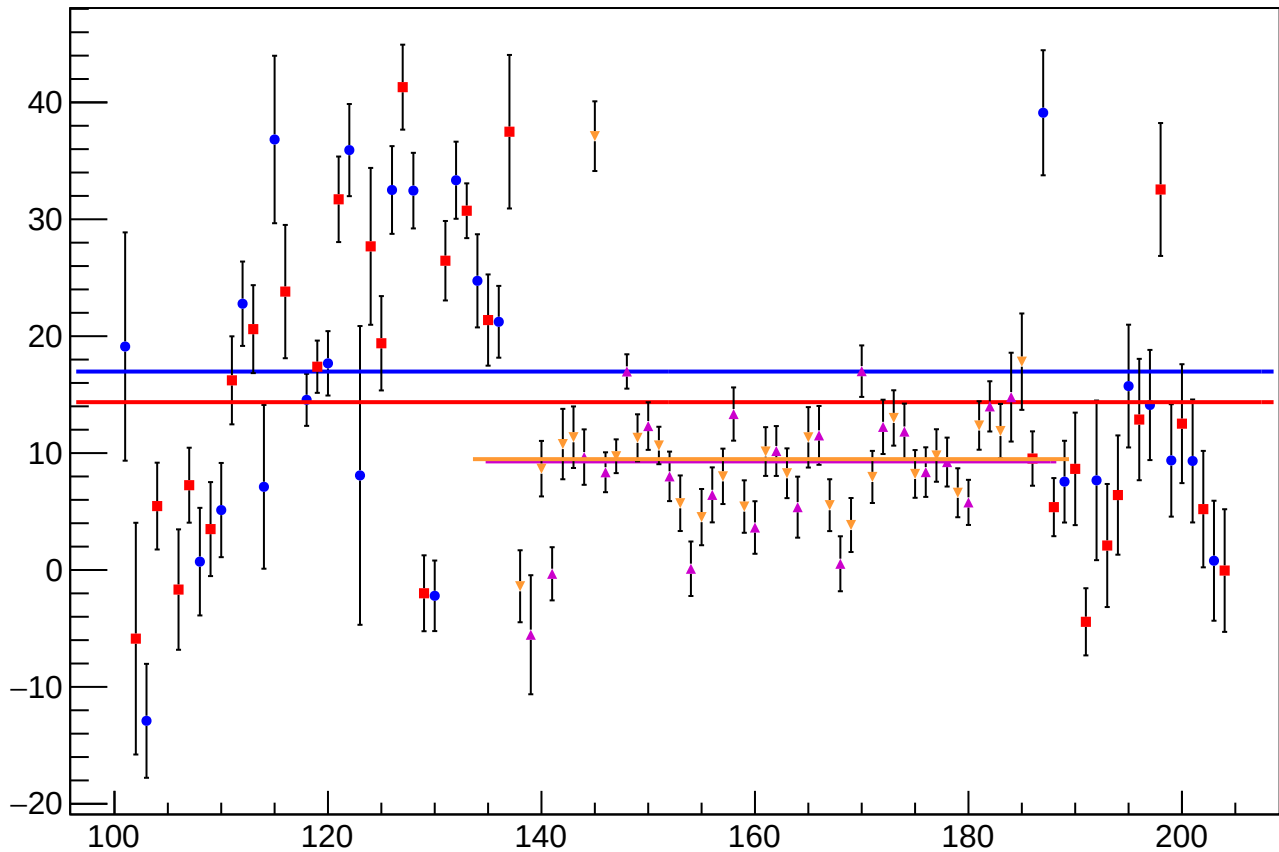
Left In: -49.728 ± 0.581 χ^2/NDF : 601.0/22

+ sign -58.122 ± 0.534 χ^2/NDF : 2307.8/32

All: -58.978 ± 0.363 χ^2/NDF : 6809.5/66

- sign -59.713 ± 0.495 χ^2/NDF : 4496.9/33

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 16.975 ± 0.802 χ^2/NDF : 247.9/24

Left Out: 9.483 ± 0.447 χ^2/NDF : 133.0/24

Right Out: 14.357 ± 0.689 χ^2/NDF : 315.6/28

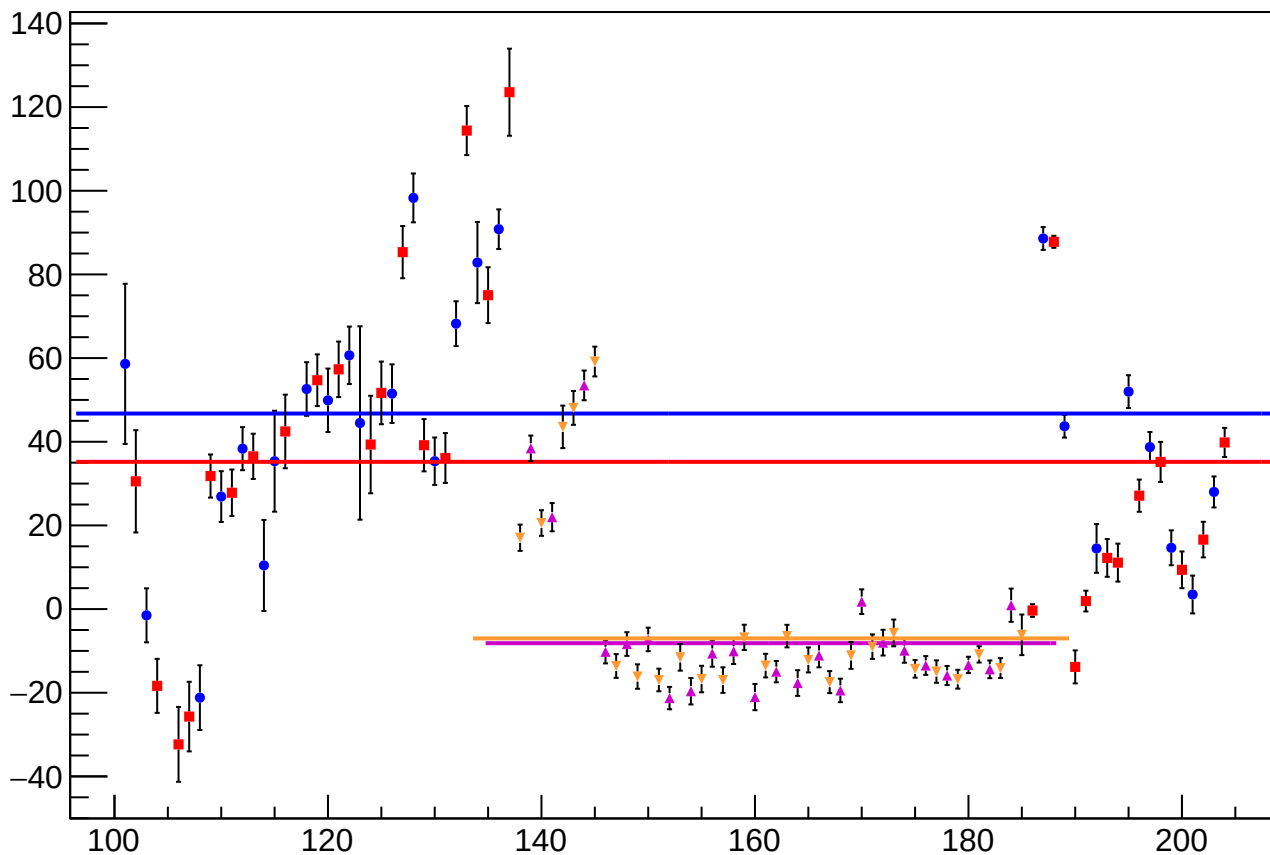
Left In: 9.289 ± 0.461 χ^2/NDF : 125.6/22

+ sign 11.259 ± 0.390 χ^2/NDF : 447.6/49

All: 11.053 ± 0.273 χ^2/NDF : 926.8/101

- sign 10.854 ± 0.383 χ^2/NDF : 478.7/51

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 46.745 ± 1.010 $\chi^2/\text{NDF}: 813.6/24$

Left Out: -7.007 ± 0.572 $\chi^2/\text{NDF}: 899.2/24$

Right Out: 35.200 ± 0.718 $\chi^2/\text{NDF}: 2907.0/28$

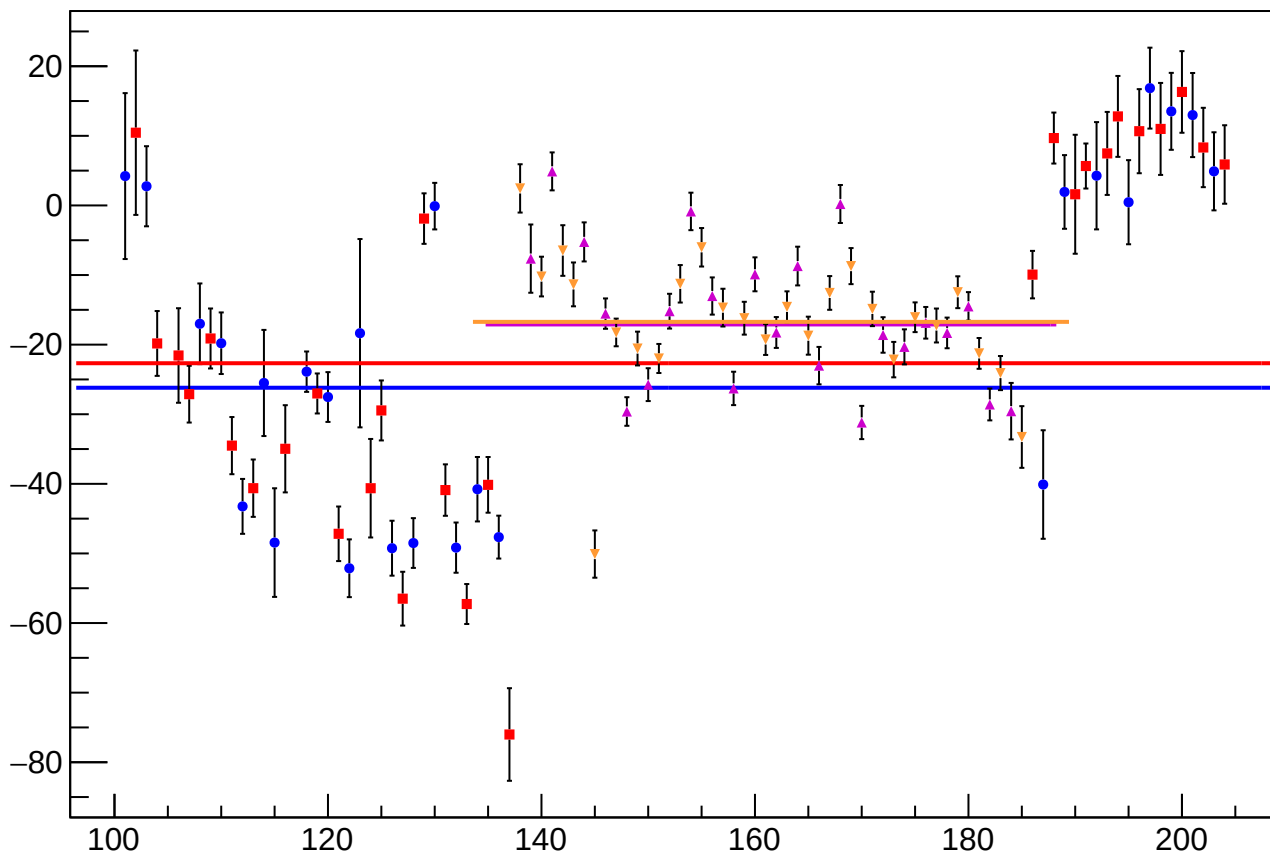
Left In: -8.158 ± 0.578 $\chi^2/\text{NDF}: 753.9/22$

+ sign 6.048 ± 0.498 $\chi^2/\text{NDF}: 3858.3/49$

All: 7.600 ± 0.334 $\chi^2/\text{NDF}: 9749.3/101$

- sign 8.870 ± 0.450 $\chi^2/\text{NDF}: 5873.3/51$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -26.193 ± 0.931 χ^2/NDF : 582.0/24

Left Out: -16.727 ± 0.508 χ^2/NDF : 223.3/24

Right Out: -22.671 ± 0.821 χ^2/NDF : 849.1/28

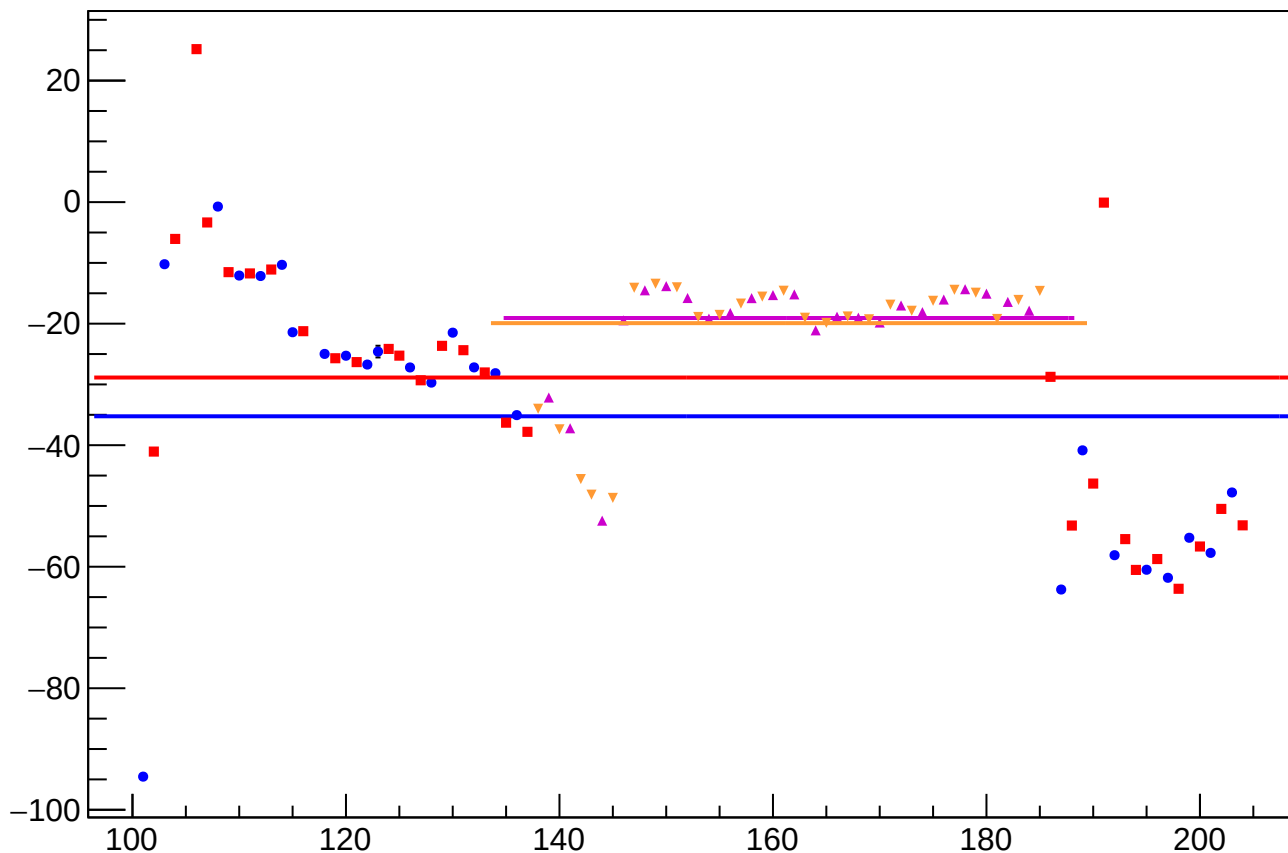
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ sign -18.899 ± 0.446 χ^2/NDF : 885.1/49

All: -18.797 ± 0.313 χ^2/NDF : 2095.2/101

- sign -18.698 ± 0.440 χ^2/NDF : 1210.0/51

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -35.245 ± 0.045 $\chi^2/\text{NDF}: 193132.7/24$

Left Out: -19.915 ± 0.023 $\chi^2/\text{NDF}: 141090.6/24$

Right Out: -28.865 ± 0.038 $\chi^2/\text{NDF}: 406773.4/28$

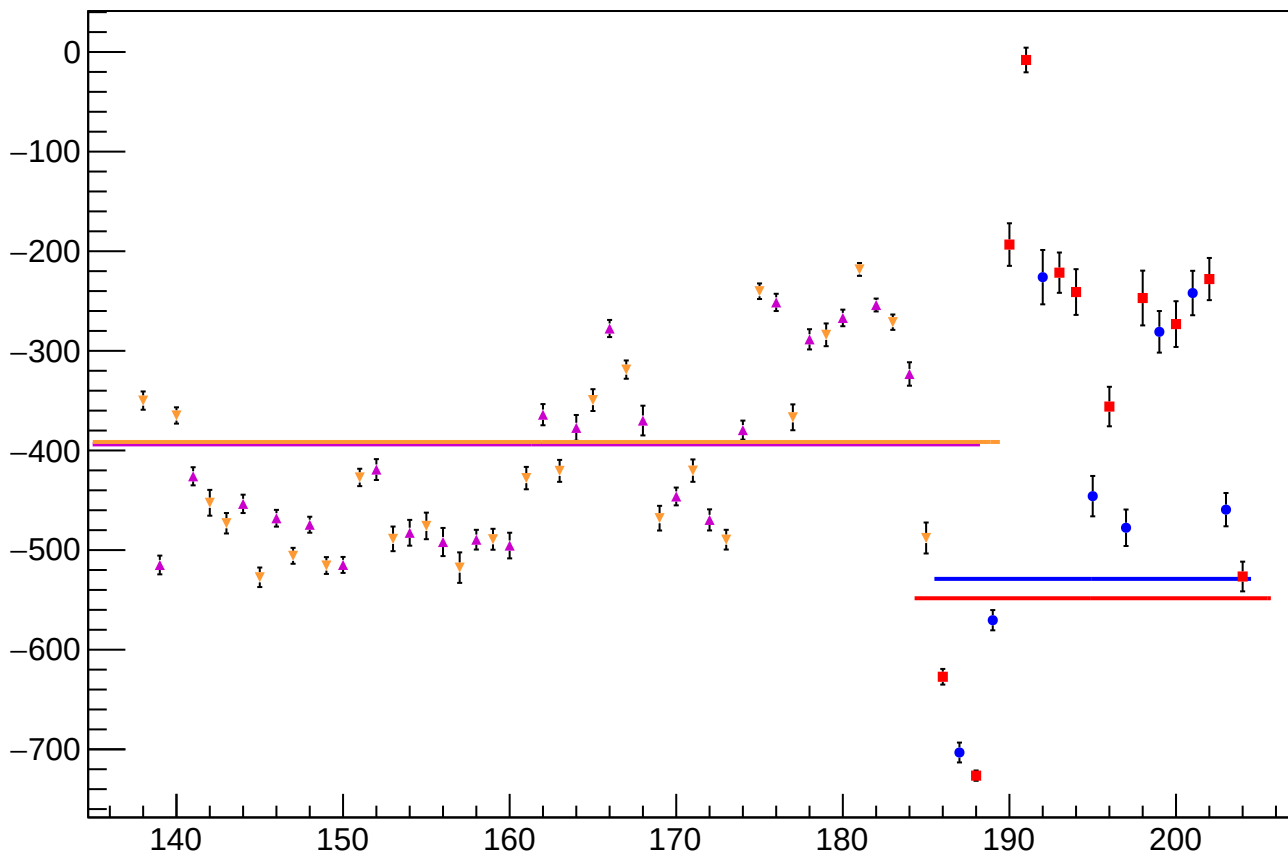
Left In: -19.068 ± 0.024 $\chi^2/\text{NDF}: 92702.3/22$

+ sign -23.138 ± 0.021 $\chi^2/\text{NDF}: 424936.3/49$

All: -22.453 ± 0.014 $\chi^2/\text{NDF}: 974978.5/101$

- sign -21.817 ± 0.020 $\chi^2/\text{NDF}: 547940.6/51$

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -528.903+/-5.393 χ^2 /NDF: 794.5/7

Left Out: -391.476+/-1.973 χ^2 /NDF:2708.6/24

Right Out: -548.359+/-3.557 χ^2 /NDF: 4497.5/10

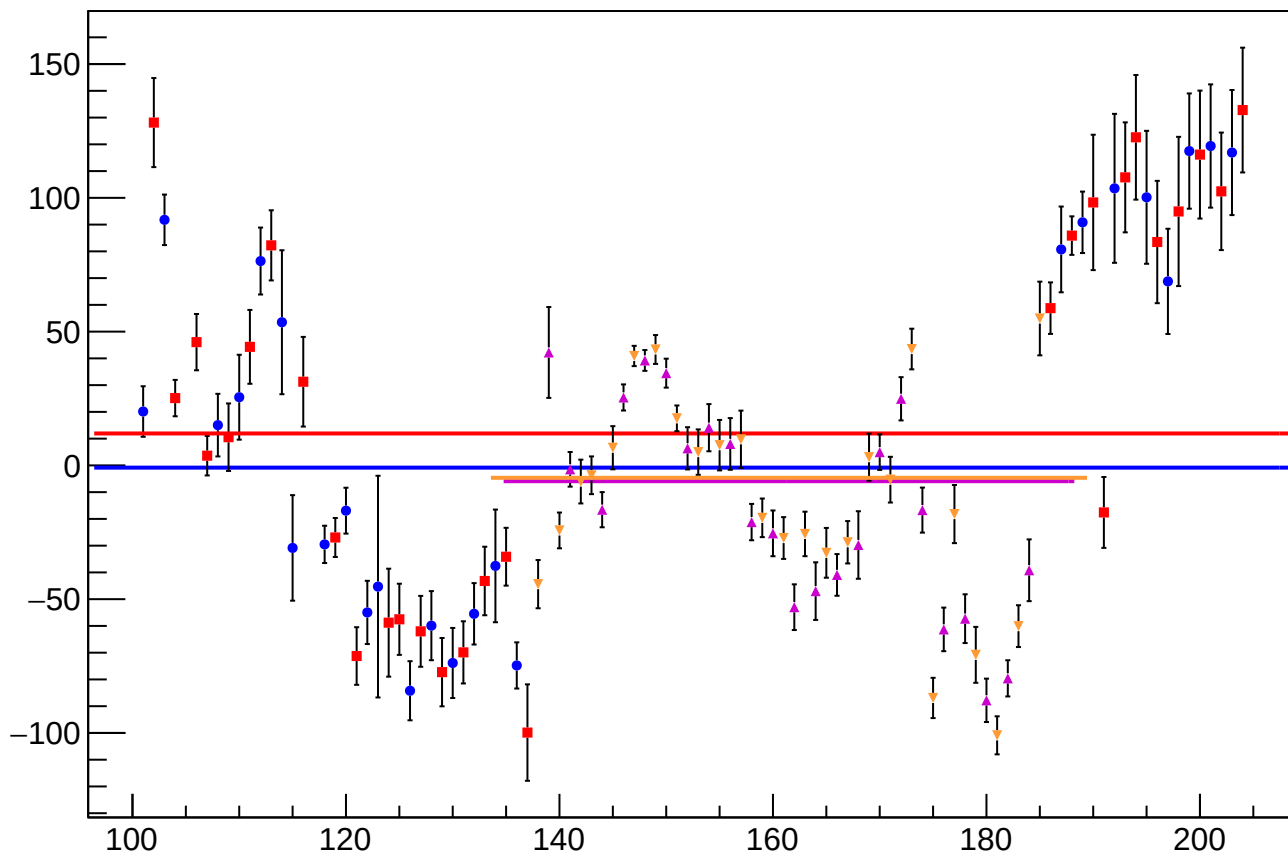
Left In: -393.904+/-1.998 χ^2 /NDF:2280.8/22

+ sign -407.692+/-1.852 χ^2 /NDF: 4075.9/32

All: -420.031+/-1.269 χ^2 /NDF: 12371.0/66

- sign -430.942+/-1.742 χ^2 /NDF: 8211.5/33

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -0.834 ± 2.564 $\chi^2/\text{NDF}: 616.5/24$

Left Out: -4.635 ± 1.467 $\chi^2/\text{NDF}: 771.4/24$

Right Out: 11.936 ± 2.256 $\chi^2/\text{NDF}: 703.9/28$

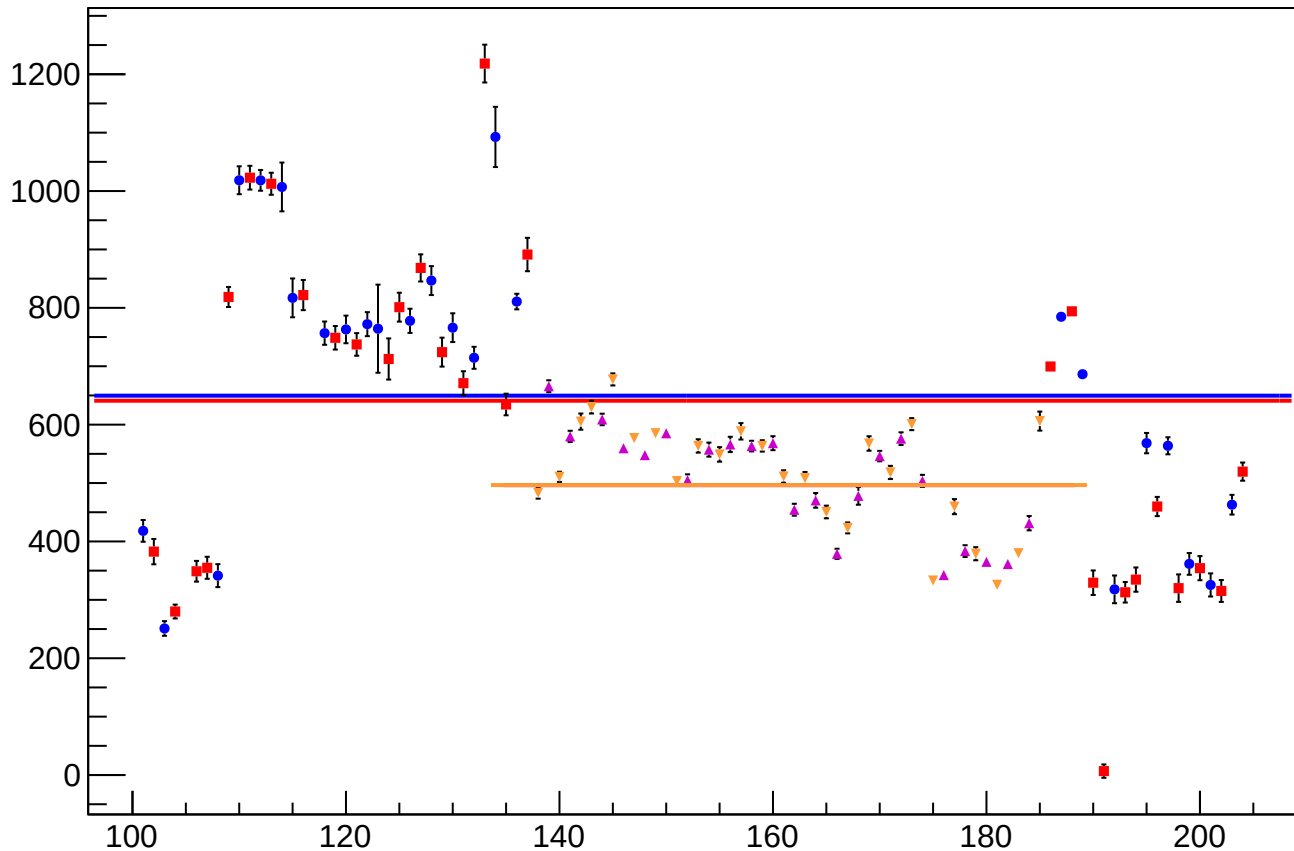
Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

+ sign -3.697 ± 1.274 $\chi^2/\text{NDF}: 1389.6/49$

All: -2.012 ± 0.895 $\chi^2/\text{NDF}: 2797.6/101$

- sign -0.370 ± 1.257 $\chi^2/\text{NDF}: 1404.6/51$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 649.614 $\pm$ 3.391 χ^2 /NDF: 3784.4/24

Left Out: 496.535 $\pm$ 1.971 χ^2 /NDF:2589.1/24

Right Out: 640.979 $\pm$ 2.520 χ^2 /NDF: 9223.4/28

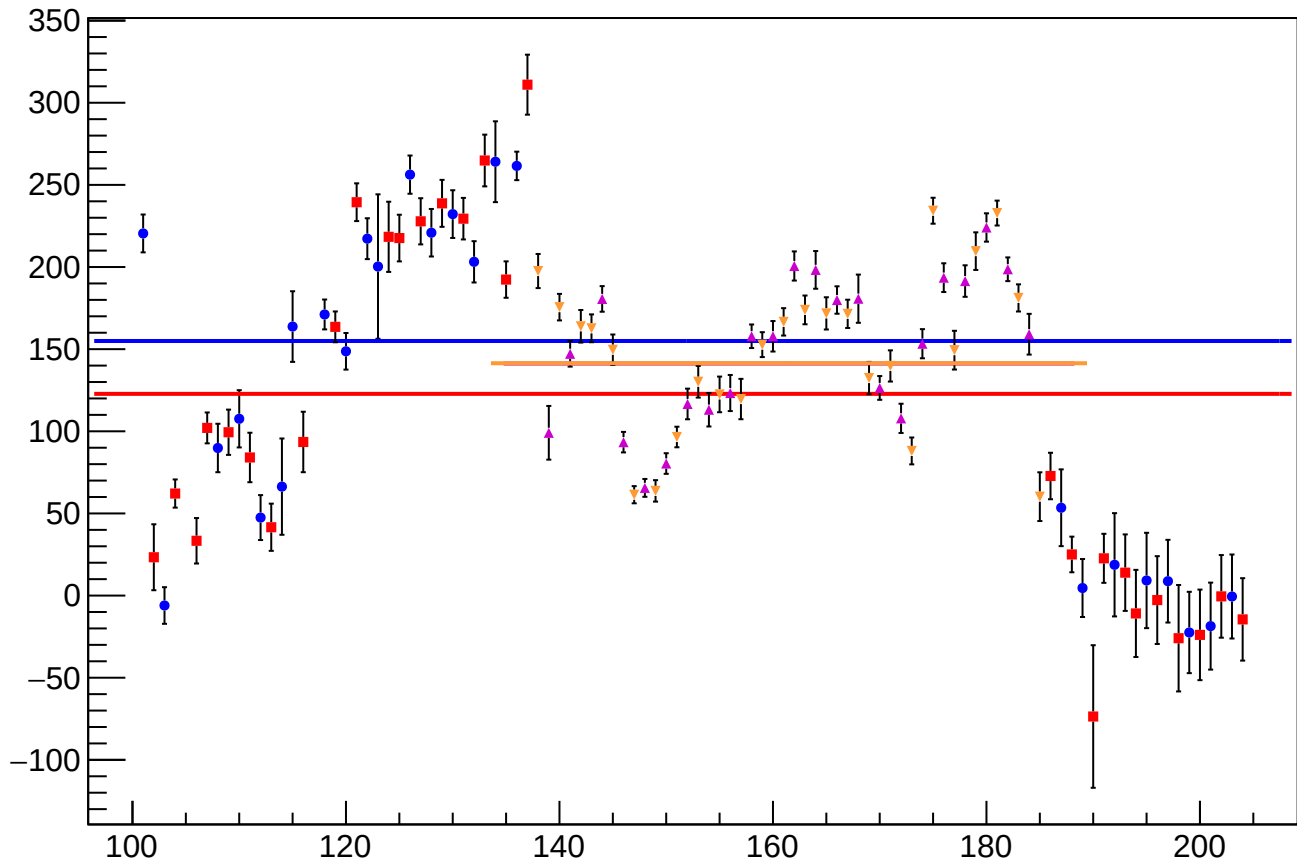
Left In: 496.393 $\pm$ 1.985 χ^2 /NDF:2295.8/22

+ sign 535.188 $\pm$ 1.704 χ^2 /NDF: 7896.4/49

All: 544.204 $\pm$ 1.151 χ^2 /NDF: 21497.7/101

- sign 551.757 $\pm$ 1.560 χ^2 /NDF: 13549.8/51

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 154.974 $\pm$ 3.003 χ^2 /NDF: 979.5/24

Left Out: 141.430 $\pm$ 1.704 χ^2 /NDF: 957.7/24

Right Out: 122.787 $\pm$ 2.710 χ^2 /NDF: 1103.6/28

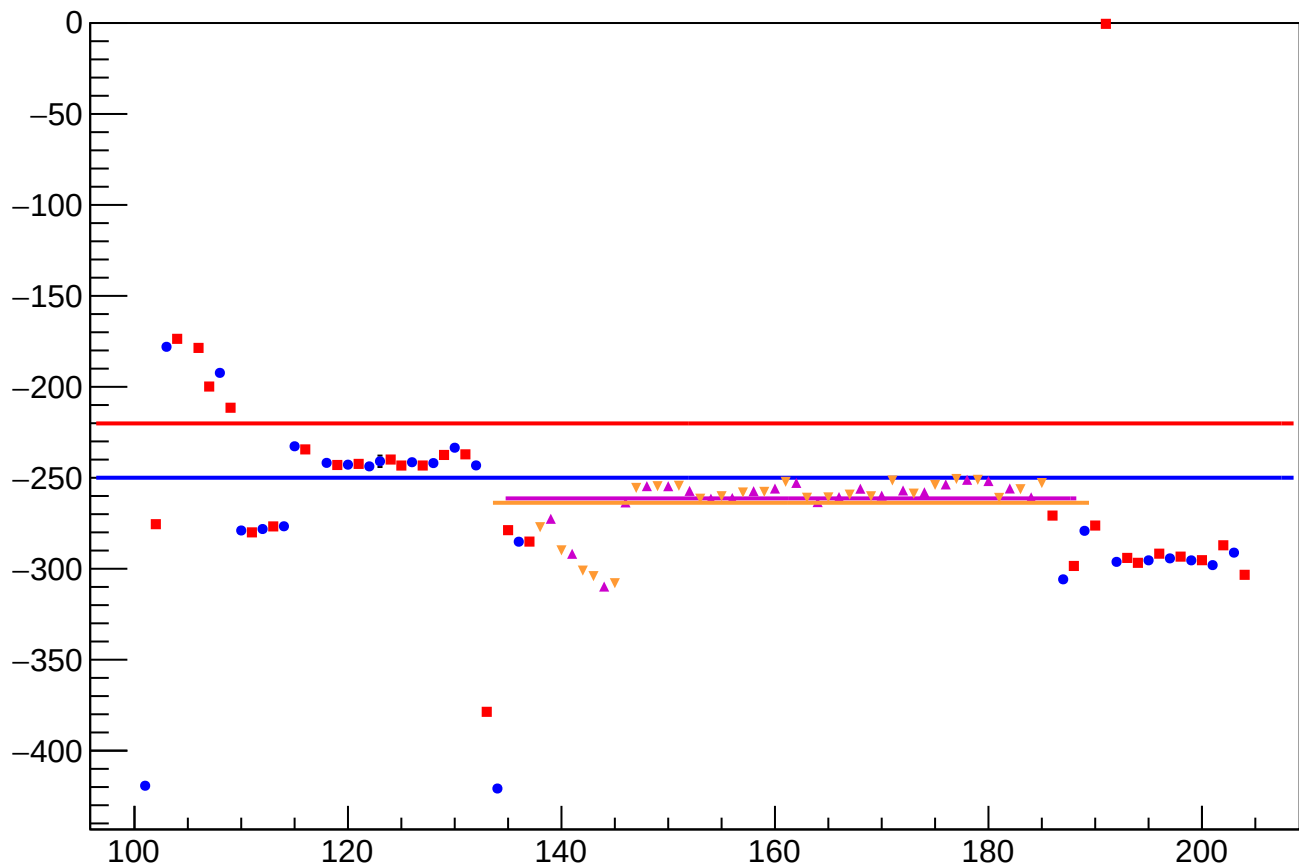
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF: 744.2/22

+ sign 144.729 $\pm$ 1.482 χ^2 /NDF: 1952.6/49

All: 140.238 $\pm$ 1.042 χ^2 /NDF: 3851.3/101

- sign 135.841 $\pm$ 1.466 χ^2 /NDF: 1880.6/51

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -249.963 ± 0.142 $\chi^2/\text{NDF}: 192941.4/24$

Left Out: -263.734 ± 0.081 $\chi^2/\text{NDF}: 37922.0/24$

Right Out: -220.111 ± 0.125 $\chi^2/\text{NDF}: 465201.7/28$

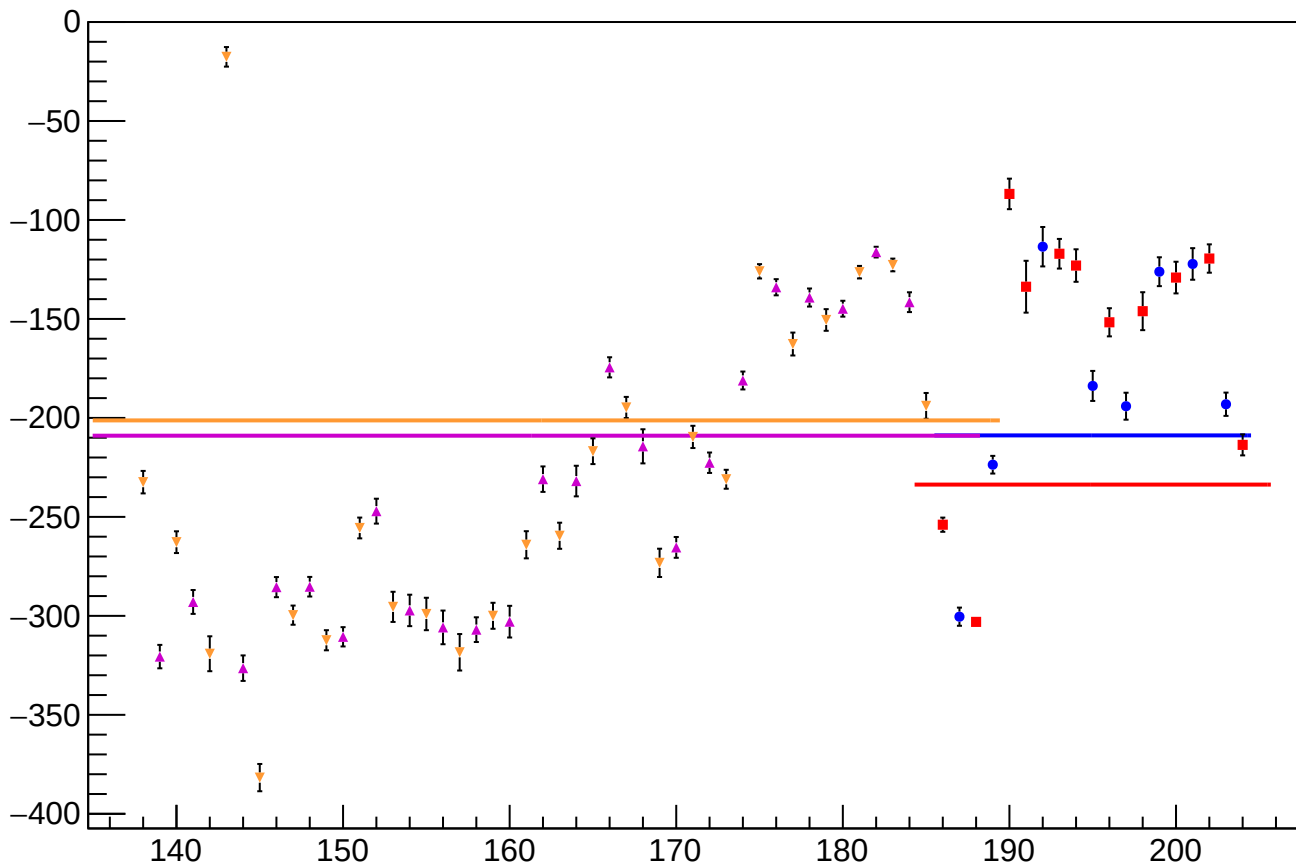
Left In: -261.325 ± 0.082 $\chi^2/\text{NDF}: 23449.2/22$

+ sign -260.324 ± 0.071 $\chi^2/\text{NDF}: 237939.1/49$

All: -254.444 ± 0.049 $\chi^2/\text{NDF}: 816488.1/101$

- sign -248.951 ± 0.068 $\chi^2/\text{NDF}: 565155.8/51$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -208.834 ± 2.182 $\chi^2/\text{NDF}: 769.7/7$

Left Out: -201.261 ± 1.065 $\chi^2/\text{NDF}: 6110.1/24$

Right Out: -233.684 ± 1.558 $\chi^2/\text{NDF}: 2388.5/10$

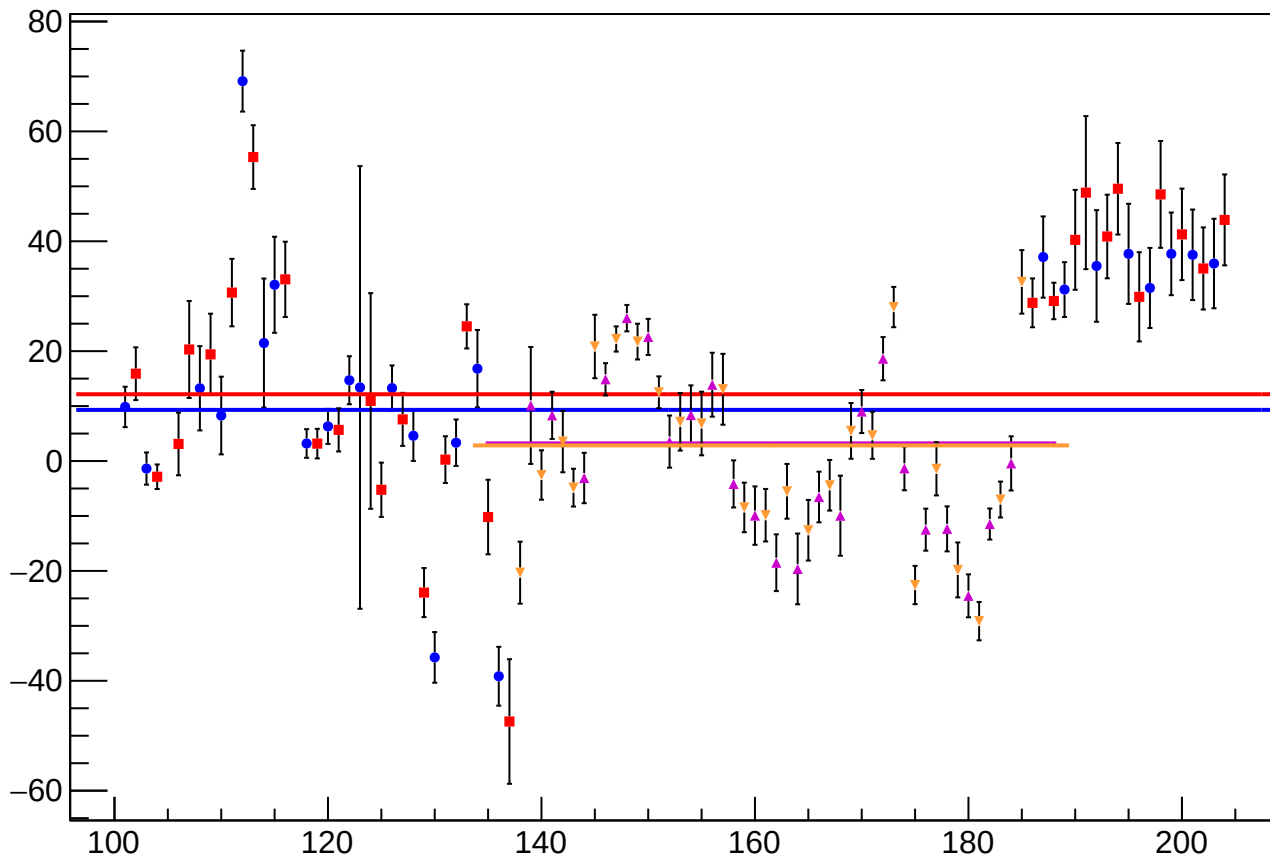
Left In: -208.981 ± 1.078 $\chi^2/\text{NDF}: 4865.2/22$

+ sign -202.719 ± 0.957 $\chi^2/\text{NDF}: 6889.5/32$

All: -210.398 ± 0.650 $\chi^2/\text{NDF}: 14432.7/66$

- sign -216.982 ± 0.887 $\chi^2/\text{NDF}: 7423.7/33$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 9.310 ± 1.005 $\chi^2/\text{NDF}: 424.1/24$

Left Out: 2.841 ± 0.824 $\chi^2/\text{NDF}: 420.6/24$

Right Out: 12.157 ± 0.940 $\chi^2/\text{NDF}: 418.0/28$

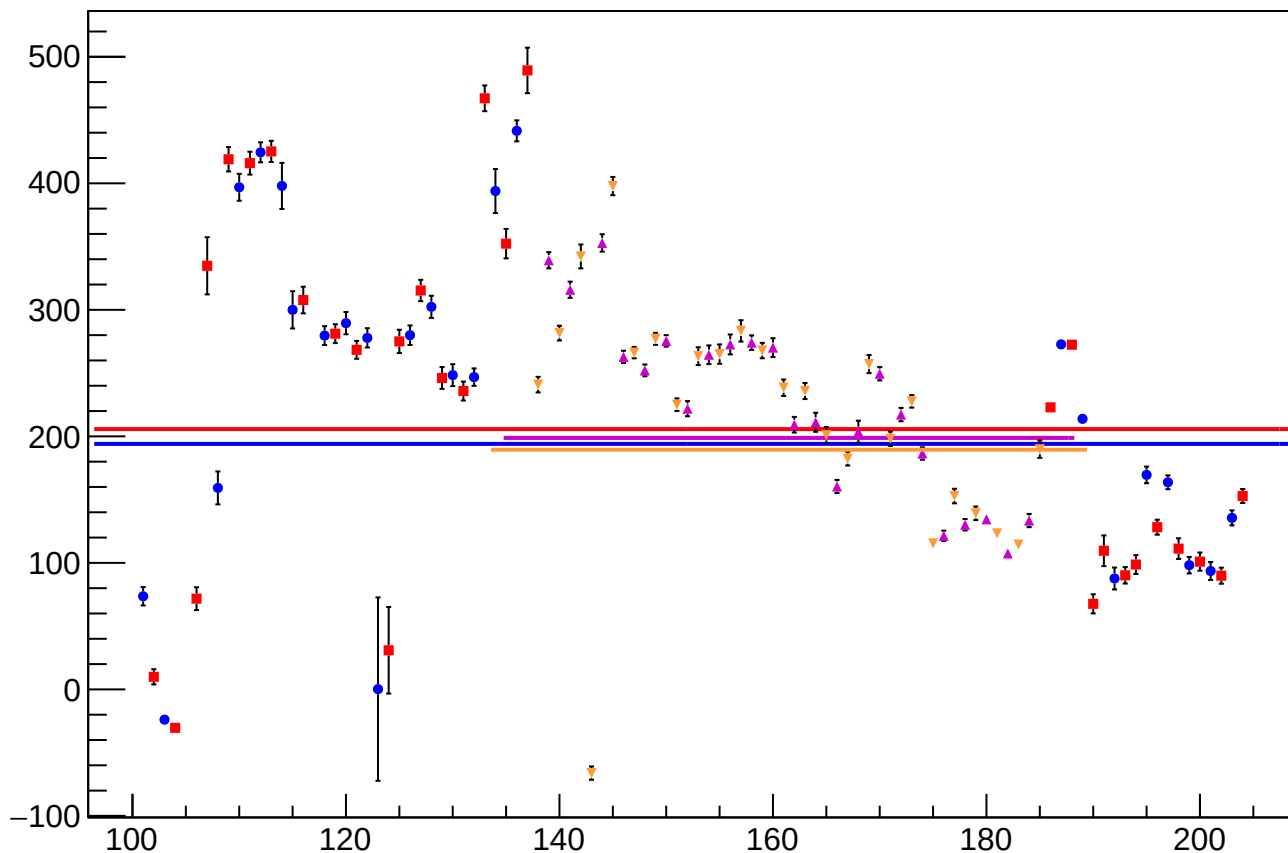
Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

+ sign 5.441 ± 0.637 $\chi^2/\text{NDF}: 869.5/49$

All: 6.355 ± 0.449 $\chi^2/\text{NDF}: 1665.1/101$

- sign 7.256 ± 0.632 $\chi^2/\text{NDF}: 791.5/51$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 194.032 $\pm$ 1.362 χ^2 /NDF: 7941.9/24

Left Out: 189.453 $\pm$ 1.070 χ^2 /NDF: 6649.7/24

Right Out: 205.740 $\pm$ 1.085 χ^2 /NDF: 11317.0/28

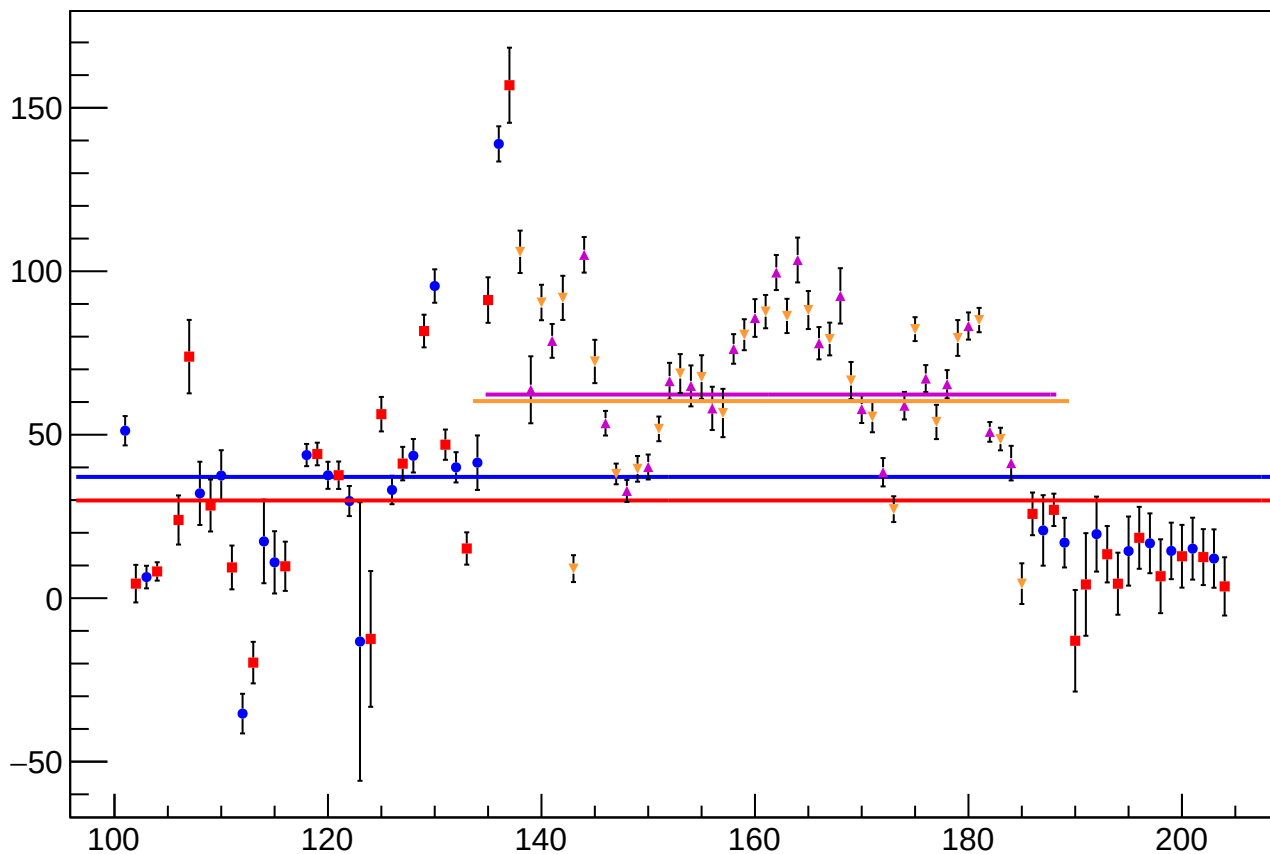
Left In: 198.762 $\pm$ 1.078 χ^2 /NDF: 4590.0/22

+ sign 191.200 $\pm$ 0.841 χ^2 /NDF: 14598.6/49

All: 197.240 $\pm$ 0.566 χ^2 /NDF: 30620.6/101

- sign 202.229 $\pm$ 0.765 χ^2 /NDF: 15927.9/51

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 37.096 ± 1.183 $\chi^2/\text{NDF}: 782.2/24$

Left Out: 60.287 ± 0.945 $\chi^2/\text{NDF}: 714.8/24$

Right Out: 29.892 ± 1.126 $\chi^2/\text{NDF}: 600.4/28$

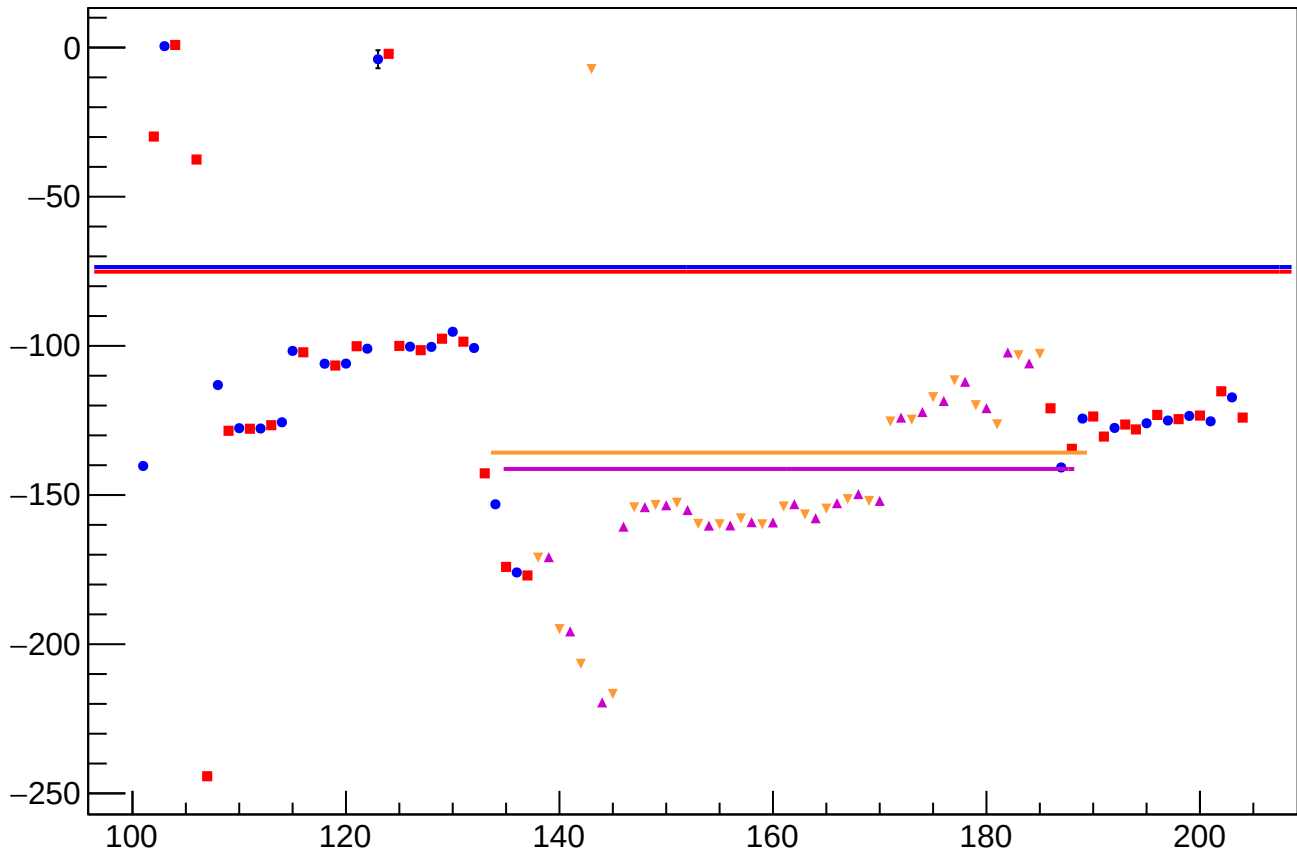
Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

+ sign 51.257 ± 0.738 $\chi^2/\text{NDF}: 1731.5/49$

All: 49.858 ± 0.521 $\chi^2/\text{NDF}: 3225.3/101$

- sign 48.470 ± 0.735 $\chi^2/\text{NDF}: 1486.7/51$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -73.568 ± 0.054 $\chi^2/\text{NDF}: 1377019.6/24$

Left Out: -135.775 ± 0.045 $\chi^2/\text{NDF}: 742021.1/24$

Right Out: -75.142 ± 0.051 $\chi^2/\text{NDF}: 1397571.6/28$

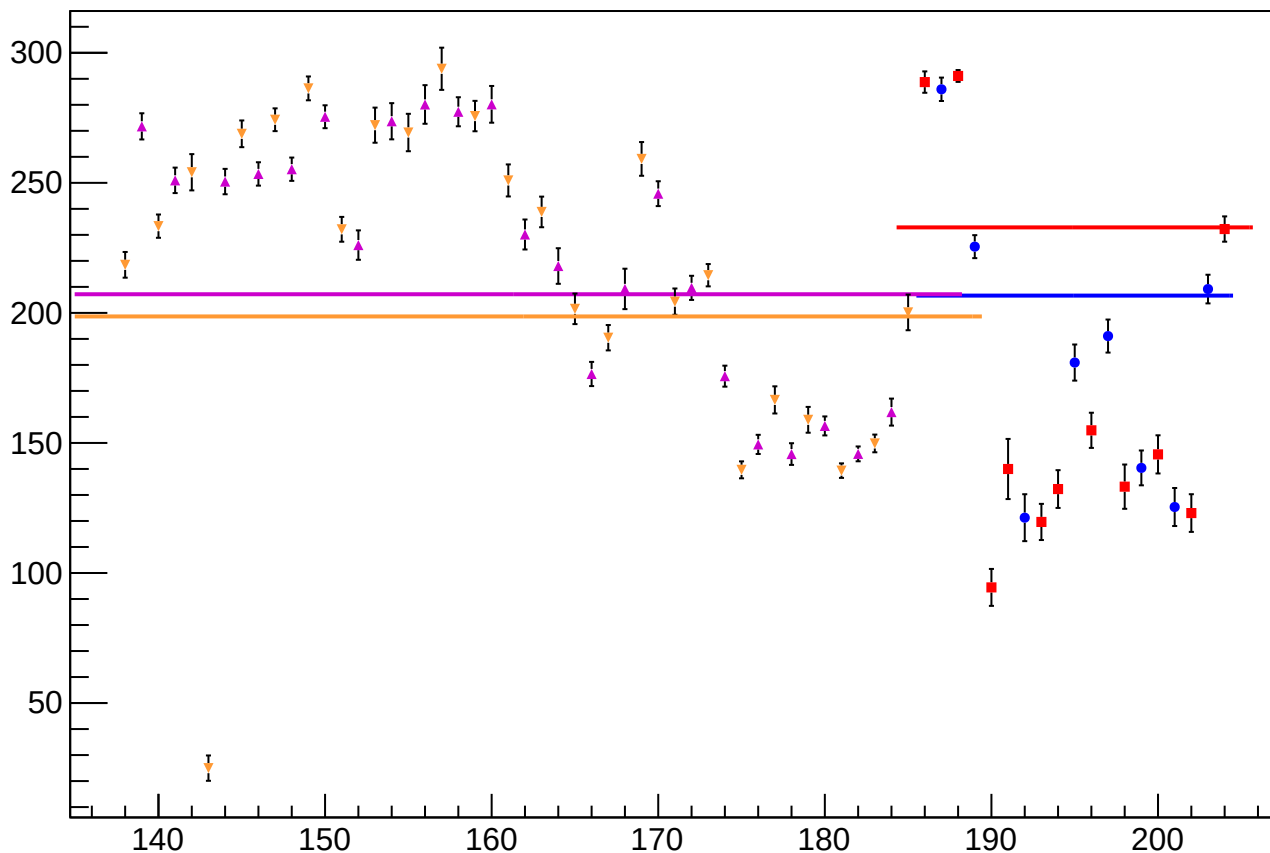
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -110.480 ± 0.034 $\chi^2/\text{NDF}: 2907558.0/49$

All: -111.304 ± 0.024 $\chi^2/\text{NDF}: 5604003.9/10$

- sign -112.096 ± 0.034 $\chi^2/\text{NDF}: 2695320.5/51$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 206.651 $\pm$ 2.074 χ^2/NDF : 660.1/7

Left Out: 198.637 $\pm$ 0.966 χ^2/NDF : 4146.6/24

Right Out: 232.876 $\pm$ 1.518 χ^2/NDF : 2380.7/10

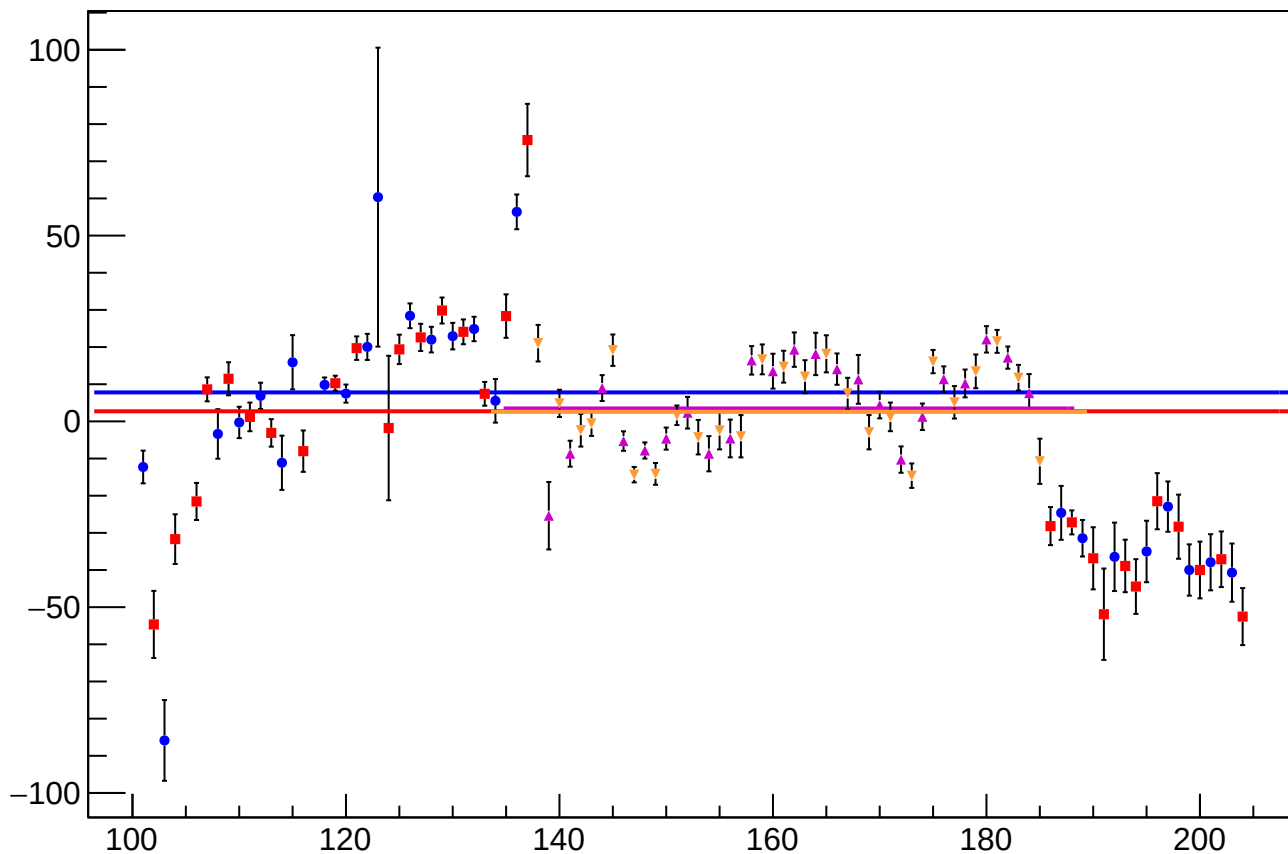
Left In: 207.171 $\pm$ 0.986 χ^2/NDF : 2631.6/22

+ sign 200.066 $\pm$ 0.876 χ^2/NDF : 4818.9/32

All: 207.857 $\pm$ 0.601 χ^2/NDF : 10182.6/66

- sign 214.801 $\pm$ 0.827 χ^2/NDF : 5214.0/33

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 7.800 ± 0.862 χ^2/NDF : 609.6/24

Left Out: 2.595 ± 0.744 χ^2/NDF : 274.3/24

Right Out: 2.719 ± 0.826 χ^2/NDF : 747.5/28

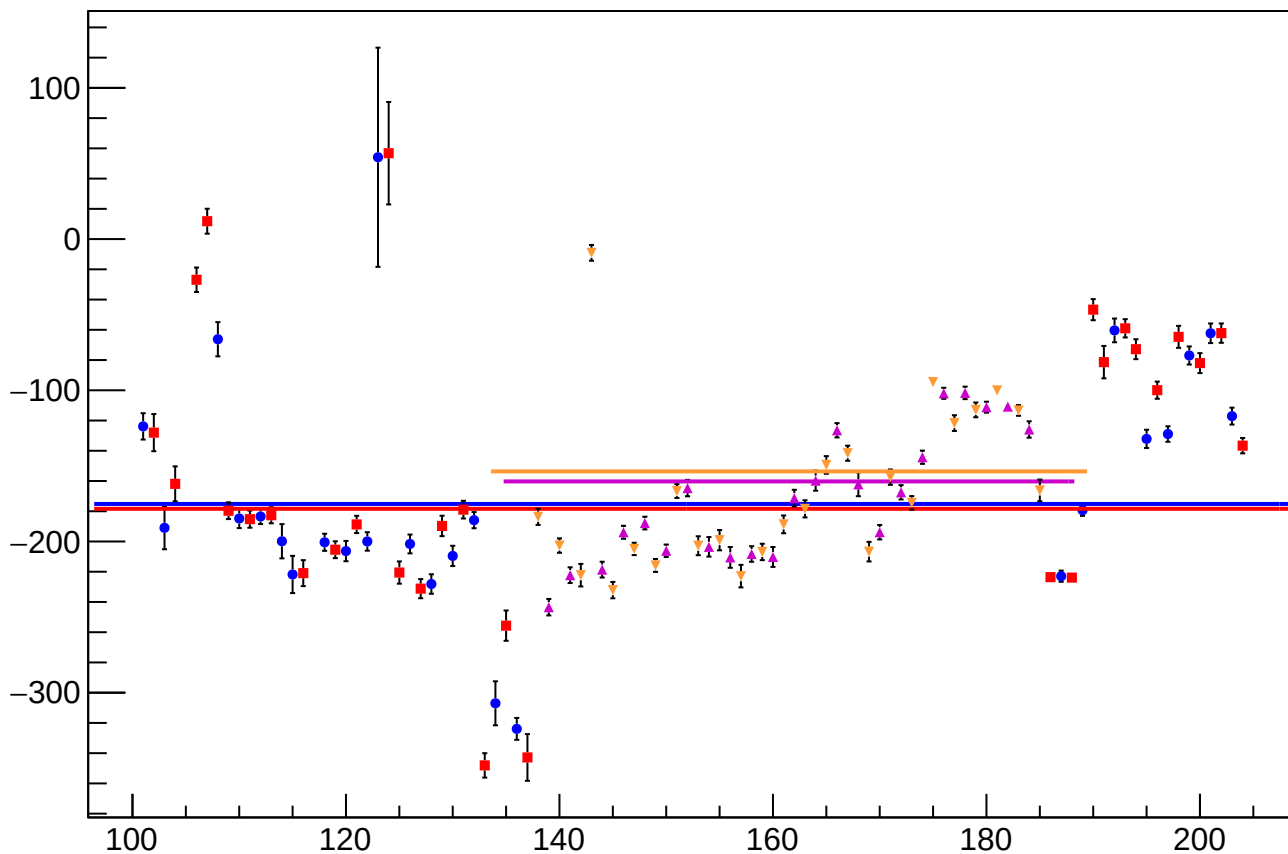
Left In: 3.478 ± 0.772 χ^2/NDF : 194.7/22

+ sign 4.817 ± 0.563 χ^2/NDF : 904.8/49

All: 3.972 ± 0.399 χ^2/NDF : 1851.9/101

- sign 3.124 ± 0.564 χ^2/NDF : 942.6/51

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -175.174 ± 1.265 χ^2/NDF : 2033.3/24

Left Out: -153.649 ± 0.970 χ^2/NDF : 2930.9/24

Right Out: -178.373 ± 1.027 χ^2/NDF : 4657.2/28

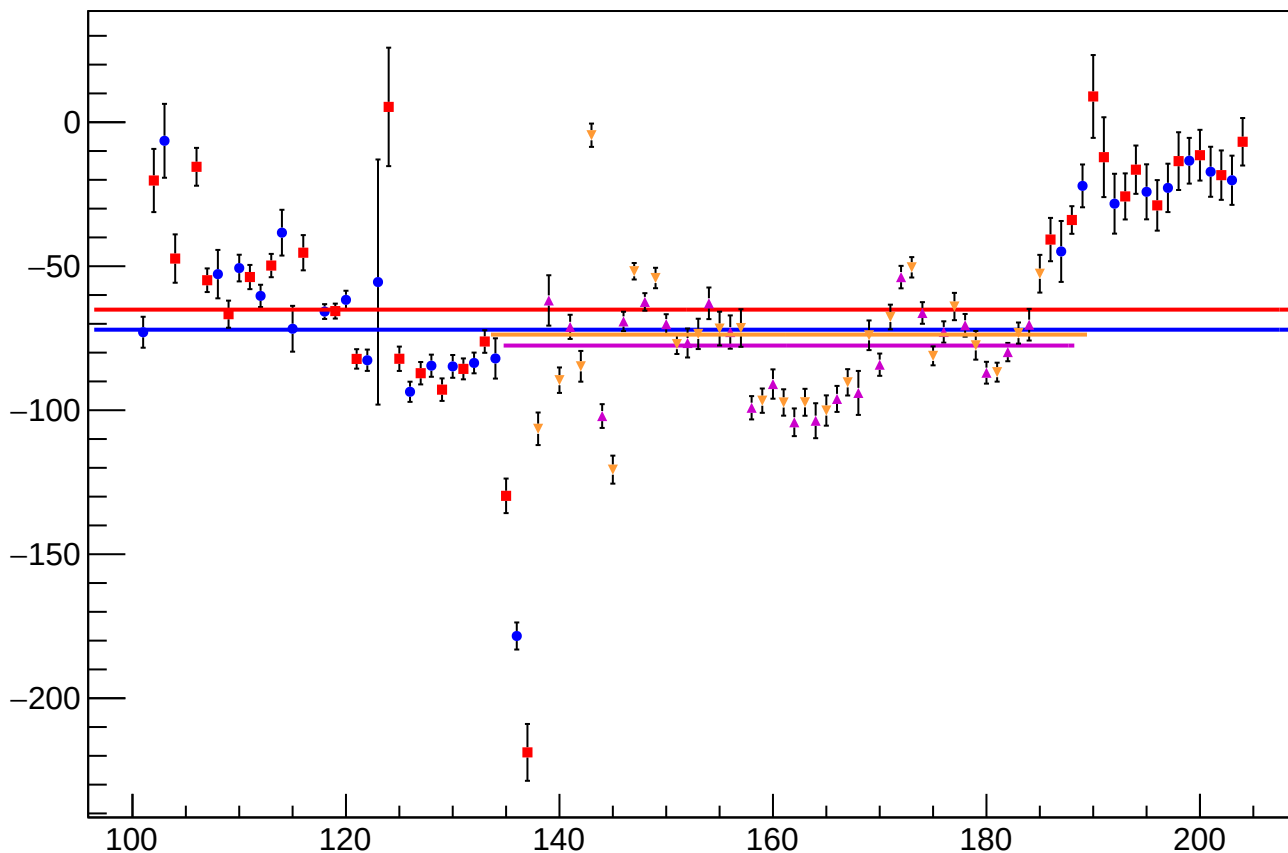
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ sign -161.618 ± 0.770 χ^2/NDF : 5146.5/49

All: -165.577 ± 0.522 χ^2/NDF : 12063.9/101

- sign -168.952 ± 0.711 χ^2/NDF : 6868.4/51

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -72.038 ± 1.008 χ^2/NDF : 948.5/24

Left Out: -73.741 ± 0.855 χ^2/NDF : 728.3/24

Right Out: -65.071 ± 0.969 χ^2/NDF : 963.2/28

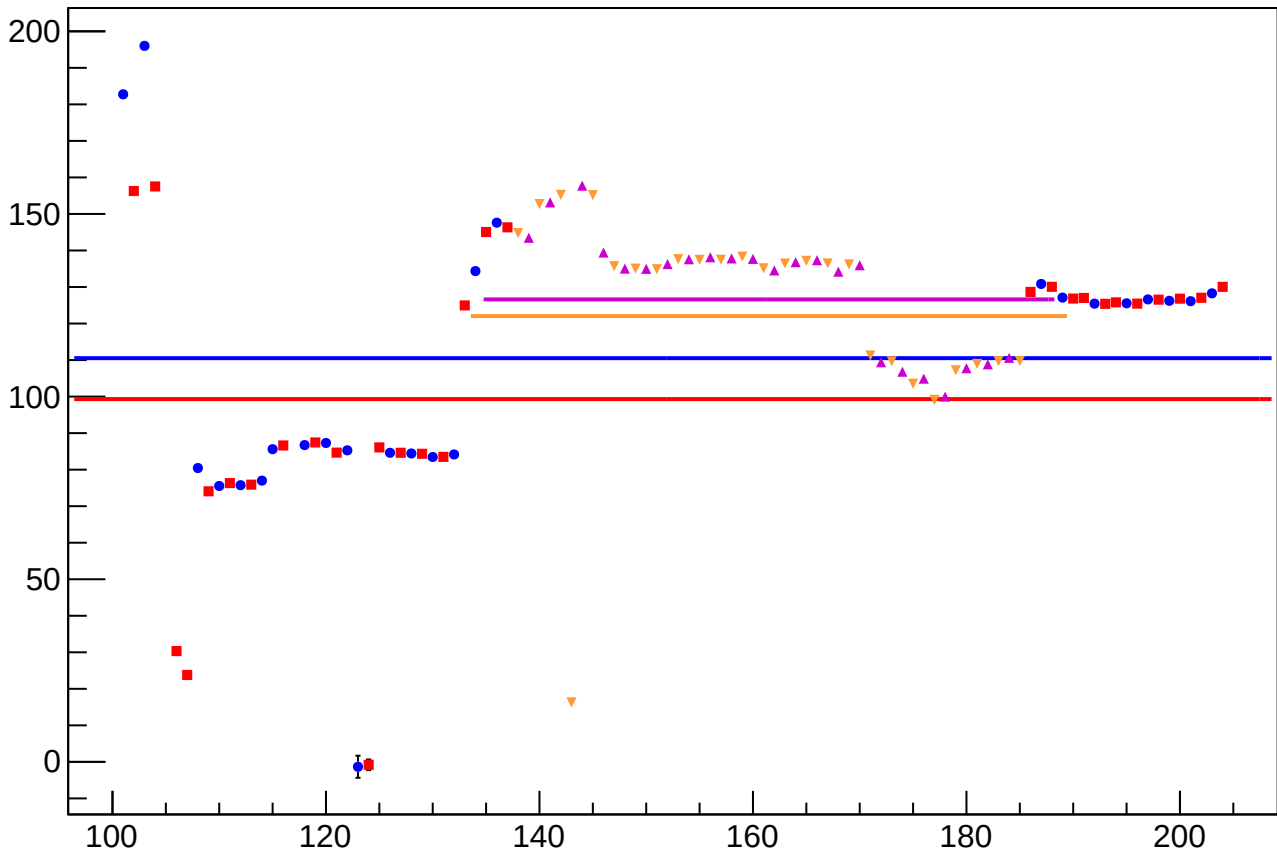
Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

+ sign -73.029 ± 0.652 χ^2/NDF : 1678.4/49

All: -72.469 ± 0.461 χ^2/NDF : 2986.5/101

- sign -71.909 ± 0.652 χ^2/NDF : 1306.7/51

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 110.523 $\pm$ 0.058 χ^2 /NDF: 308332.8/24

Left Out: 122.046 $\pm$ 0.040 χ^2 /NDF: 437985.3/24

Right Out: 99.320 $\pm$ 0.052 χ^2 /NDF: 565240.0/28

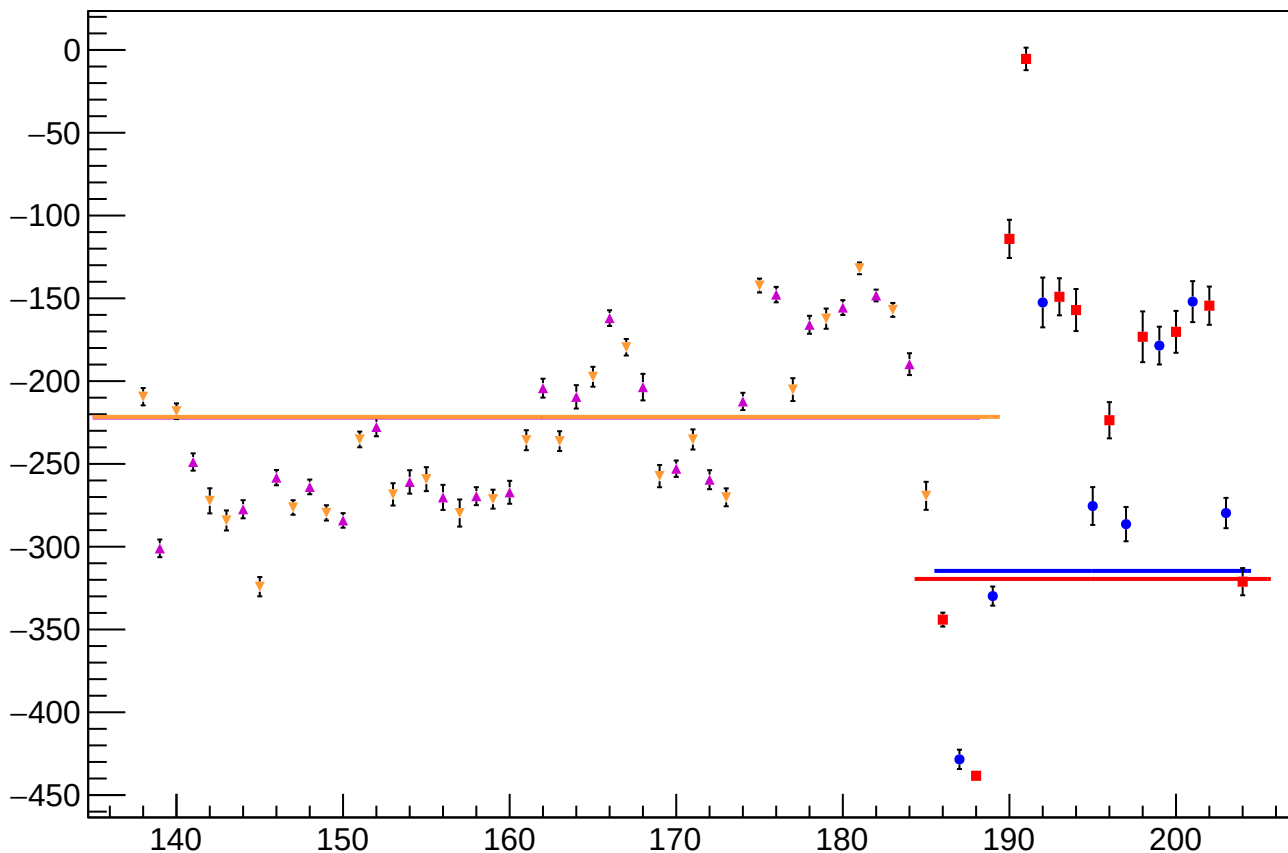
Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

+ sign 118.300 $\pm$ 0.033 χ^2 /NDF: 772725.4/49

All: 117.157 $\pm$ 0.023 χ^2 /NDF: 1676569.8/100

- sign 116.092 $\pm$ 0.032 χ^2 /NDF: 901556.8/51

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -314.615 ± 3.057 χ^2/NDF : 852.4/7

Left Out: -221.606 ± 1.087 χ^2/NDF : 2565.8/24

Right Out: -319.466 ± 2.002 χ^2/NDF : 4924.2/10

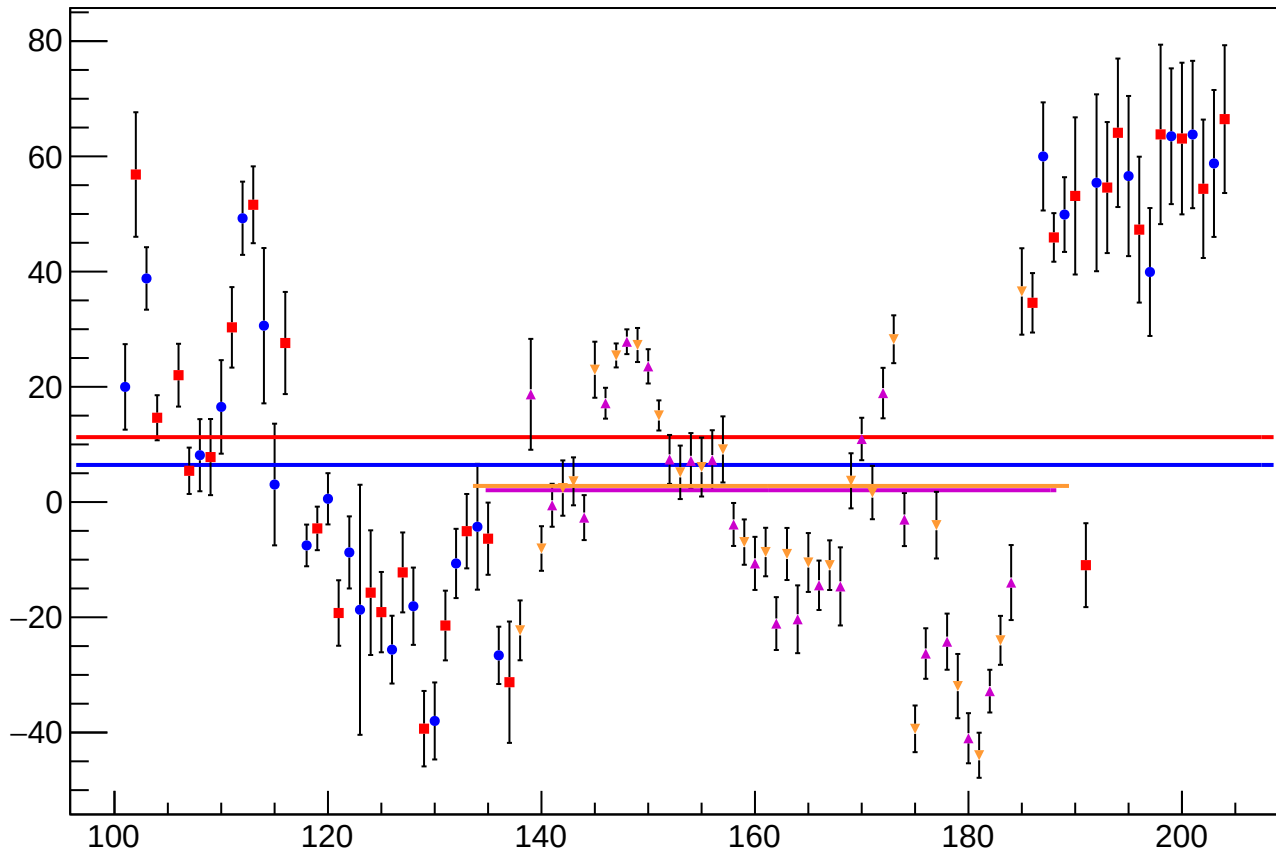
Left In: -221.980 ± 1.098 χ^2/NDF : 2190.6/22

+ sign -232.051 ± 1.024 χ^2/NDF : 4240.0/32

All: -238.675 ± 0.702 χ^2/NDF : 13256.3/66

- sign -244.527 ± 0.963 χ^2/NDF : 8937.6/33

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 6.442 ± 1.402 $\chi^2/\text{NDF}: 423.8/24$

Left Out: 2.800 ± 0.810 $\chi^2/\text{NDF}: 685.5/24$

Right Out: 11.267 ± 1.223 $\chi^2/\text{NDF}: 479.3/28$

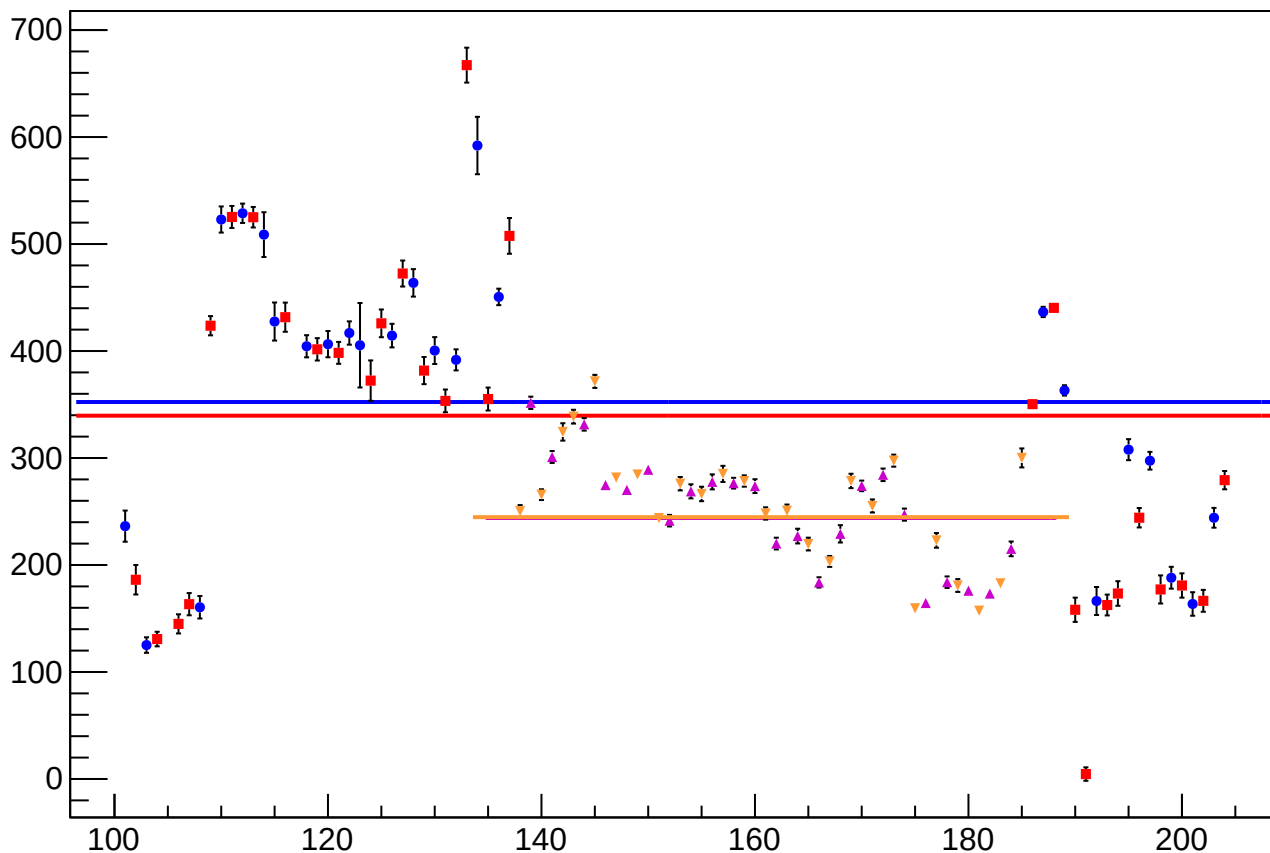
Left In: 2.050 ± 0.833 $\chi^2/\text{NDF}: 592.6/22$

+ sign 3.710 ± 0.701 $\chi^2/\text{NDF}: 1114.3/49$

All: 4.353 ± 0.491 $\chi^2/\text{NDF}: 2226.7/101$

- sign 4.972 ± 0.688 $\chi^2/\text{NDF}: 1110.7/51$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 352.332 $\pm$ 1.897 χ^2 /NDF: 3756.1/24

Left Out: 244.716 $\pm$ 1.085 χ^2 /NDF:2565.7/24

Right Out: 339.555 $\pm$ 1.402 χ^2 /NDF: 9548.5/28

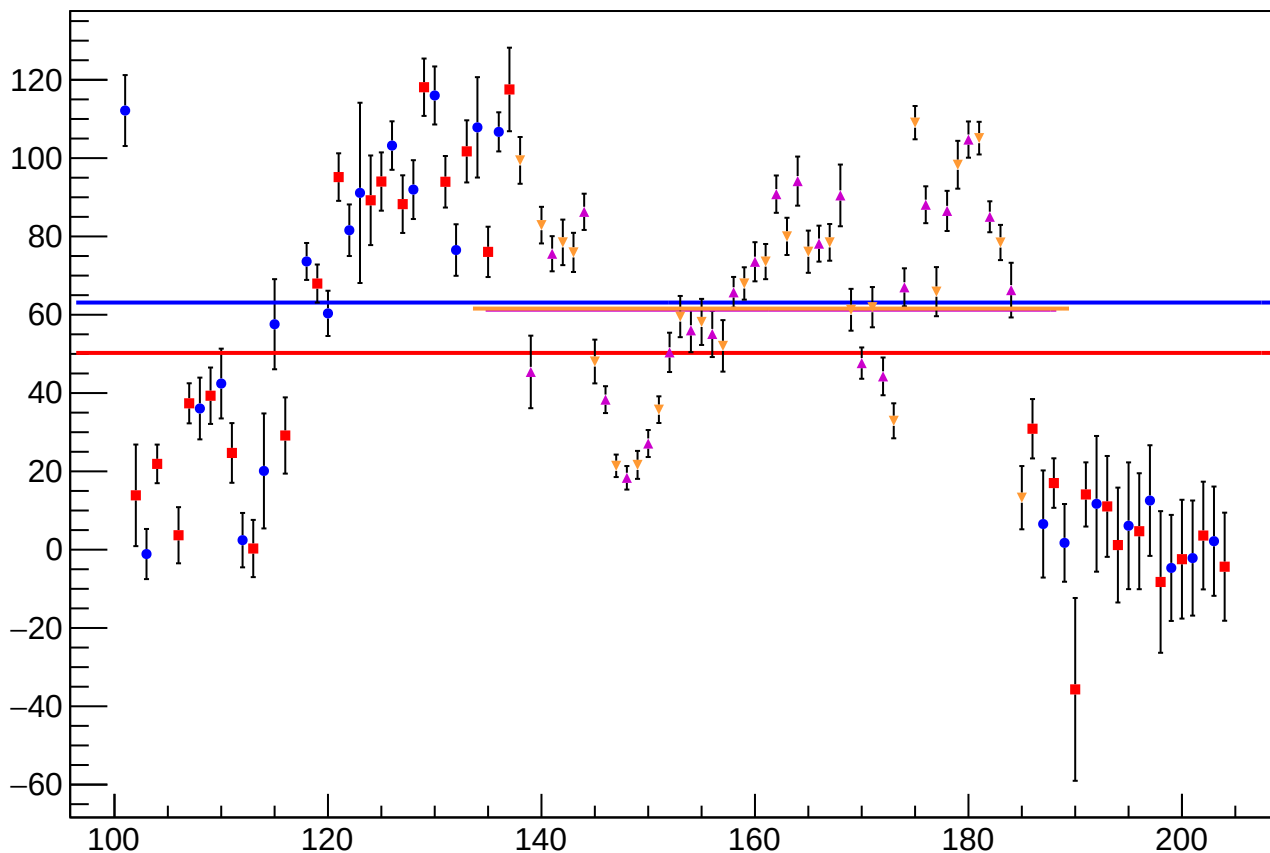
Left In: 243.933 $\pm$ 1.090 χ^2 /NDF:2294.8/22

+ sign 271.228 $\pm$ 0.942 χ^2 /NDF: 8747.5/49

All: 275.986 $\pm$ 0.635 χ^2 /NDF: 23537.0/101

- sign 279.961 $\pm$ 0.861 χ^2 /NDF: 14742.6/51

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 63.115 $\pm$ 1.639 χ^2 /NDF: 599.9/24

Left Out: 61.575 $\pm$ 0.939 χ^2 /NDF: 870.3/24

Right Out: 50.250 $\pm$ 1.464 χ^2 /NDF: 669.7/28

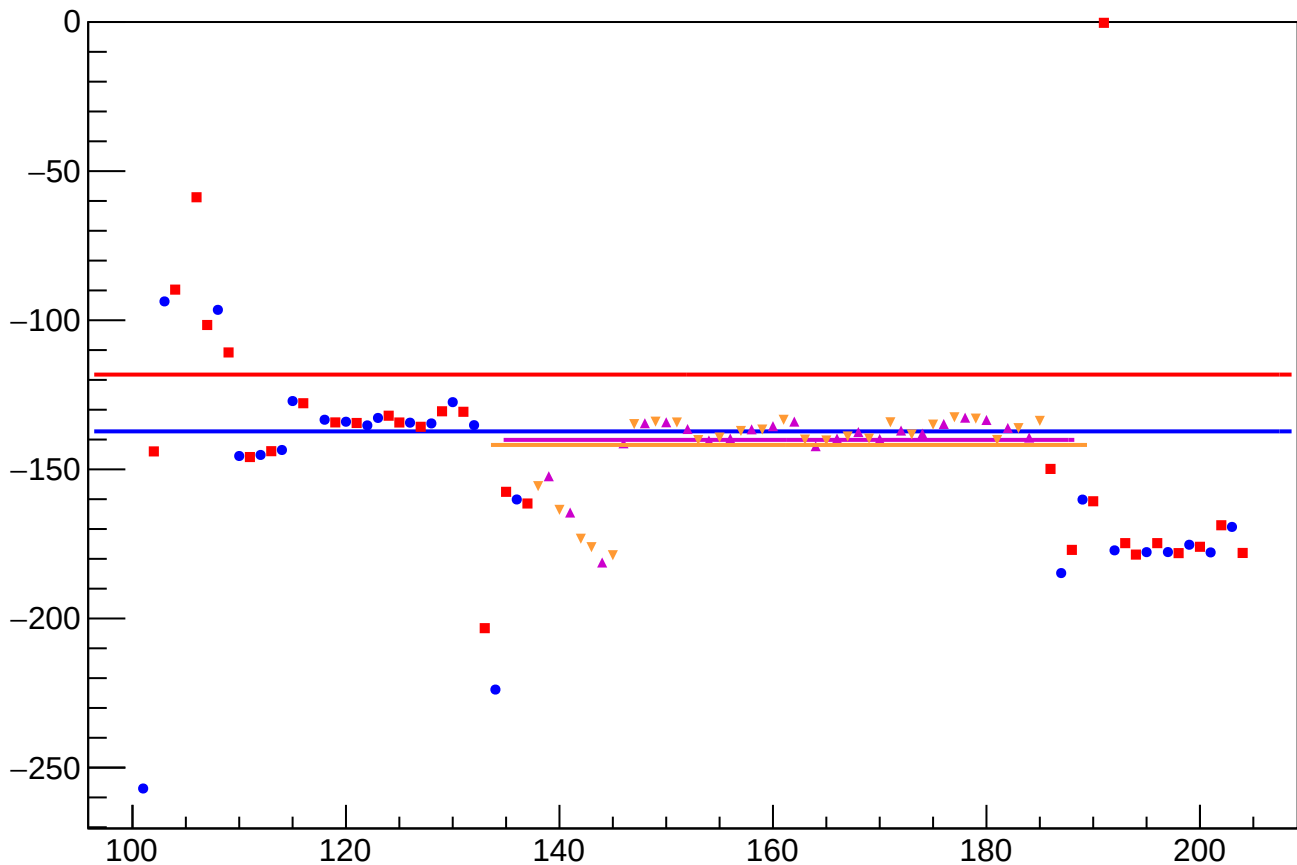
Left In: 61.286 $\pm$ 0.959 χ^2 /NDF: 702.8/22

+ sign 61.955 $\pm$ 0.815 χ^2 /NDF: 1470.9/49

All: 59.932 $\pm$ 0.572 χ^2 /NDF: 2895.3/101

- sign 57.972 $\pm$ 0.802 χ^2 /NDF: 1412.3/51

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -137.261 ± 0.079 $\chi^2/\text{NDF}: 228190.2/24$

Left Out: -141.811 ± 0.045 $\chi^2/\text{NDF}: 77727.6/24$

Right Out: -118.217 ± 0.068 $\chi^2/\text{NDF}: 585310.6/28$

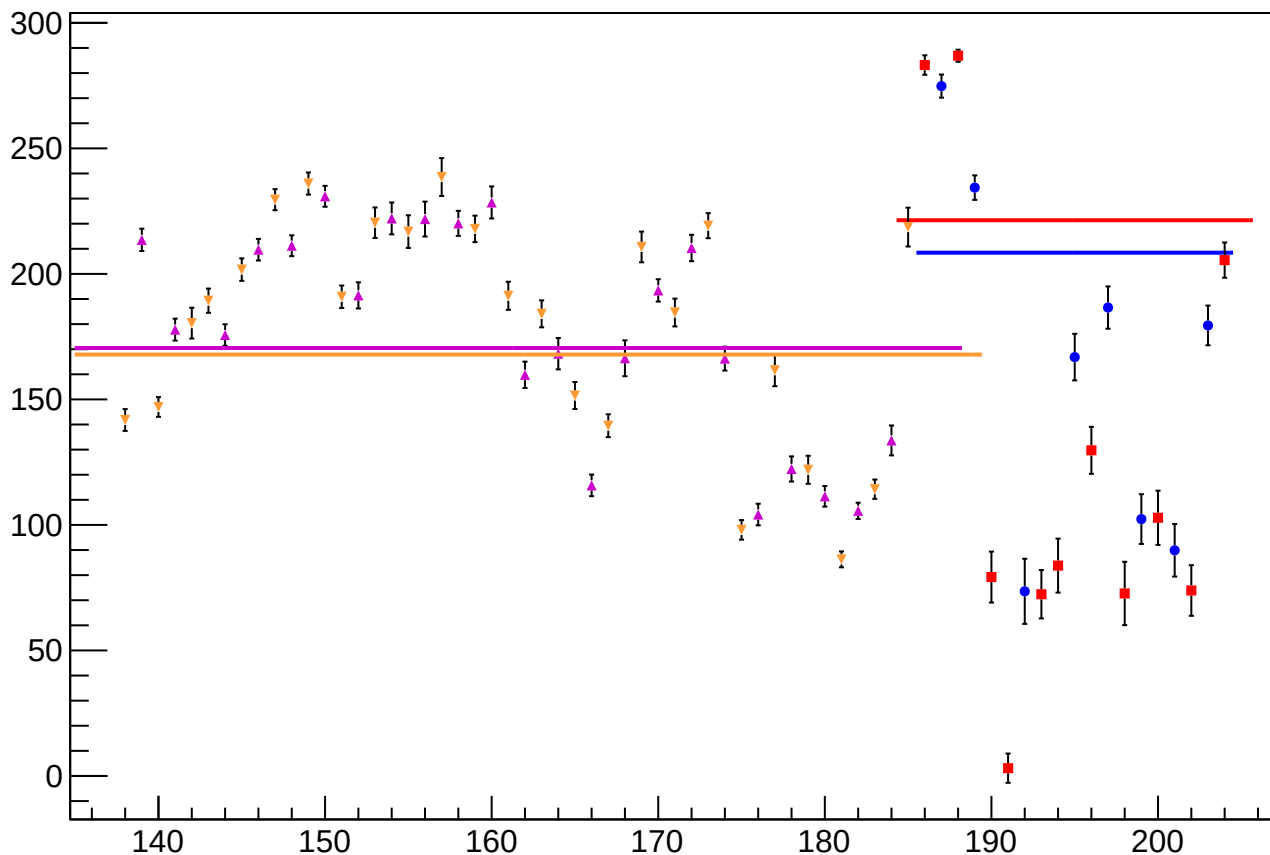
Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

+ sign -140.707 ± 0.039 $\chi^2/\text{NDF}: 308419.2/49$

All: -136.982 ± 0.027 $\chi^2/\text{NDF}: 1031307.5/10$

- sign -133.538 ± 0.038 $\chi^2/\text{NDF}: 705329.3/51$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 208.448 ± 2.532 χ^2/NDF : 627.3/7

Left Out: 167.868 ± 0.973 χ^2/NDF : 2465.4/24

Right Out: 221.373 ± 1.682 χ^2/NDF : 3569.3/10

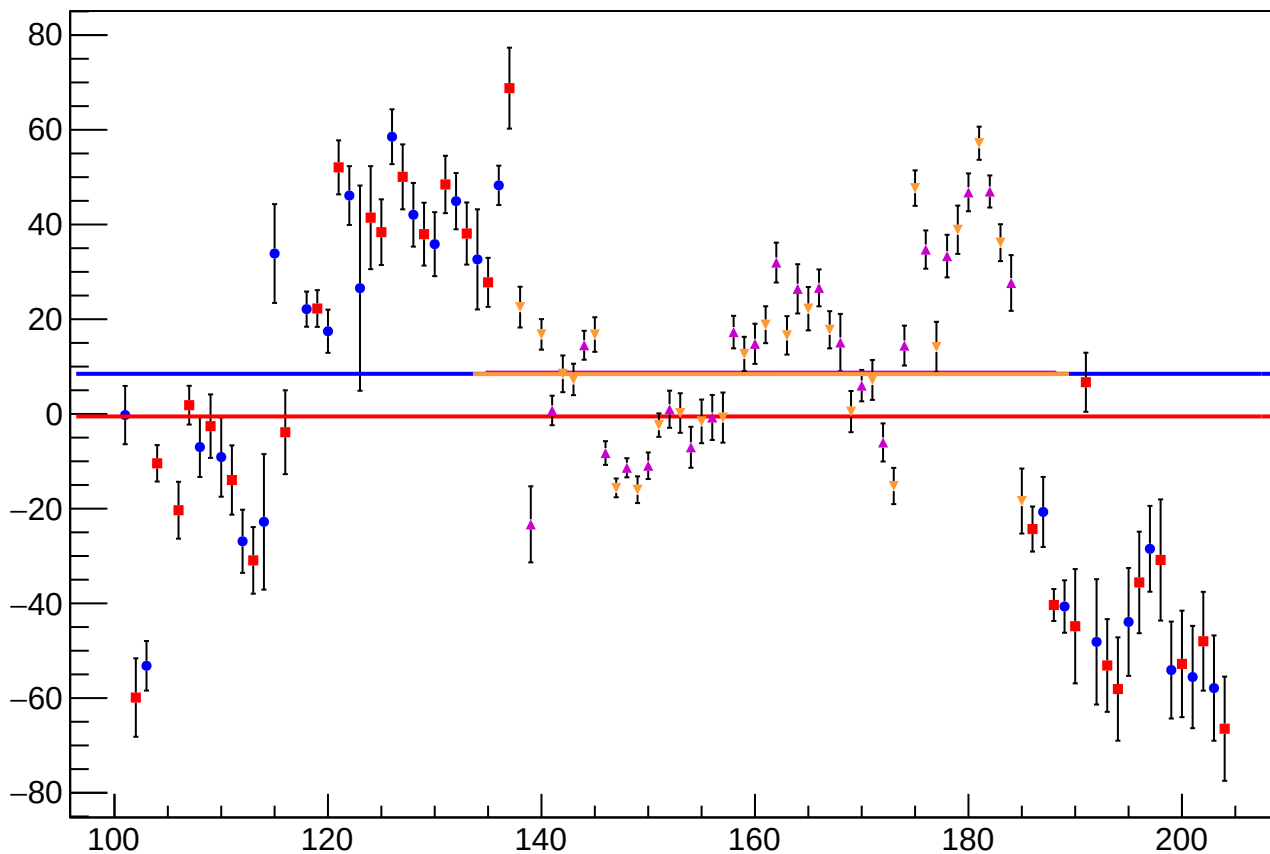
Left In: 170.487 ± 0.991 χ^2/NDF : 2036.5/22

+ sign 173.094 ± 0.909 χ^2/NDF : 3316.5/32

All: 178.671 ± 0.622 χ^2/NDF : 9672.4/66

- sign 183.598 ± 0.854 χ^2/NDF : 6284.9/33

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 8.475 ± 1.337 χ^2/NDF : 754.3/24

Left Out: 8.415 ± 0.731 χ^2/NDF : 750.6/24

Right Out: -0.532 ± 1.163 χ^2/NDF : 871.7/28

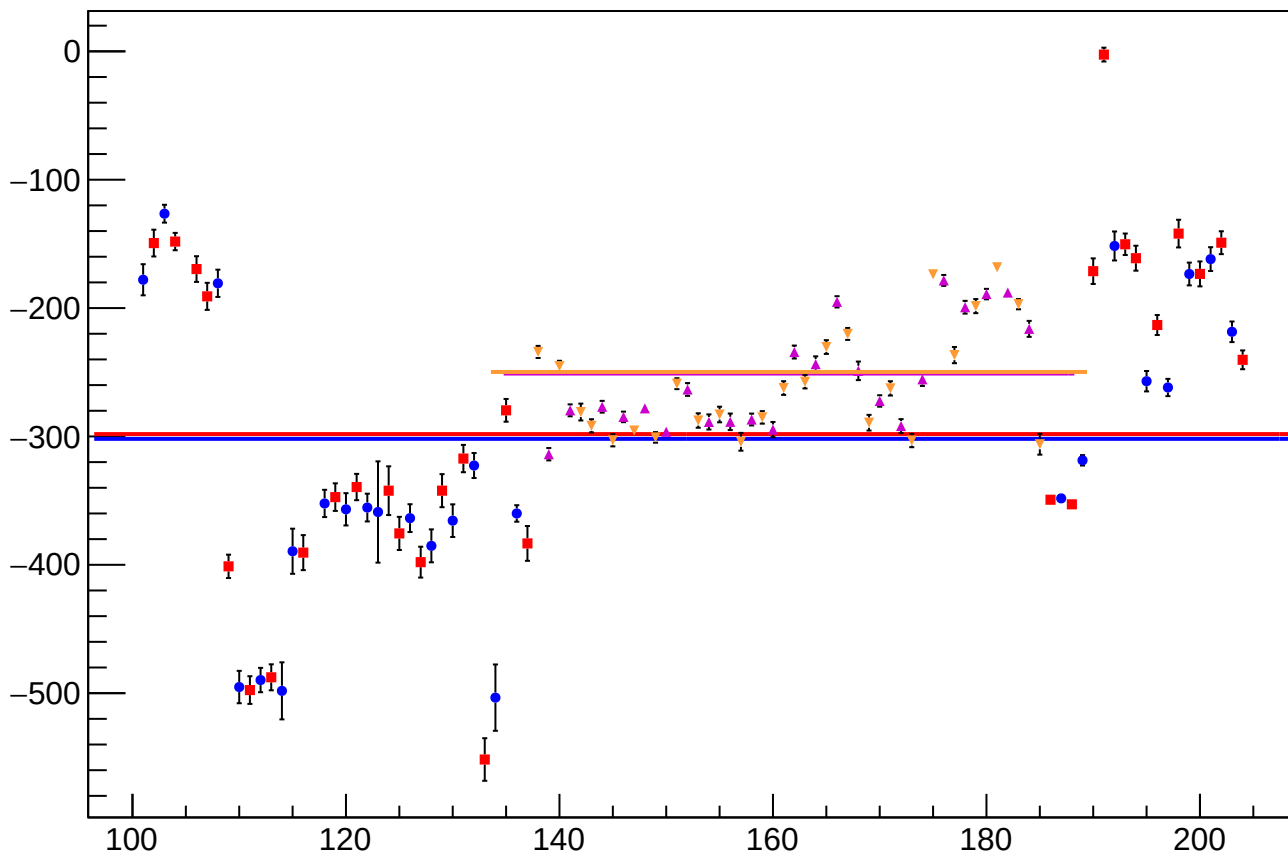
Left In: 8.730 ± 0.757 χ^2/NDF : 630.1/22

+ sign 8.429 ± 0.641 χ^2/NDF : 1504.9/49

All: 7.189 ± 0.451 χ^2/NDF : 3058.6/101

- sign 5.976 ± 0.634 χ^2/NDF : 1546.3/51

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -301.870 ± 1.674 χ^2/NDF : 2875.0/24

Left Out: -249.759 ± 0.975 χ^2/NDF : 2232.5/24

Right Out: -298.165 ± 1.227 χ^2/NDF : 7856.8/28

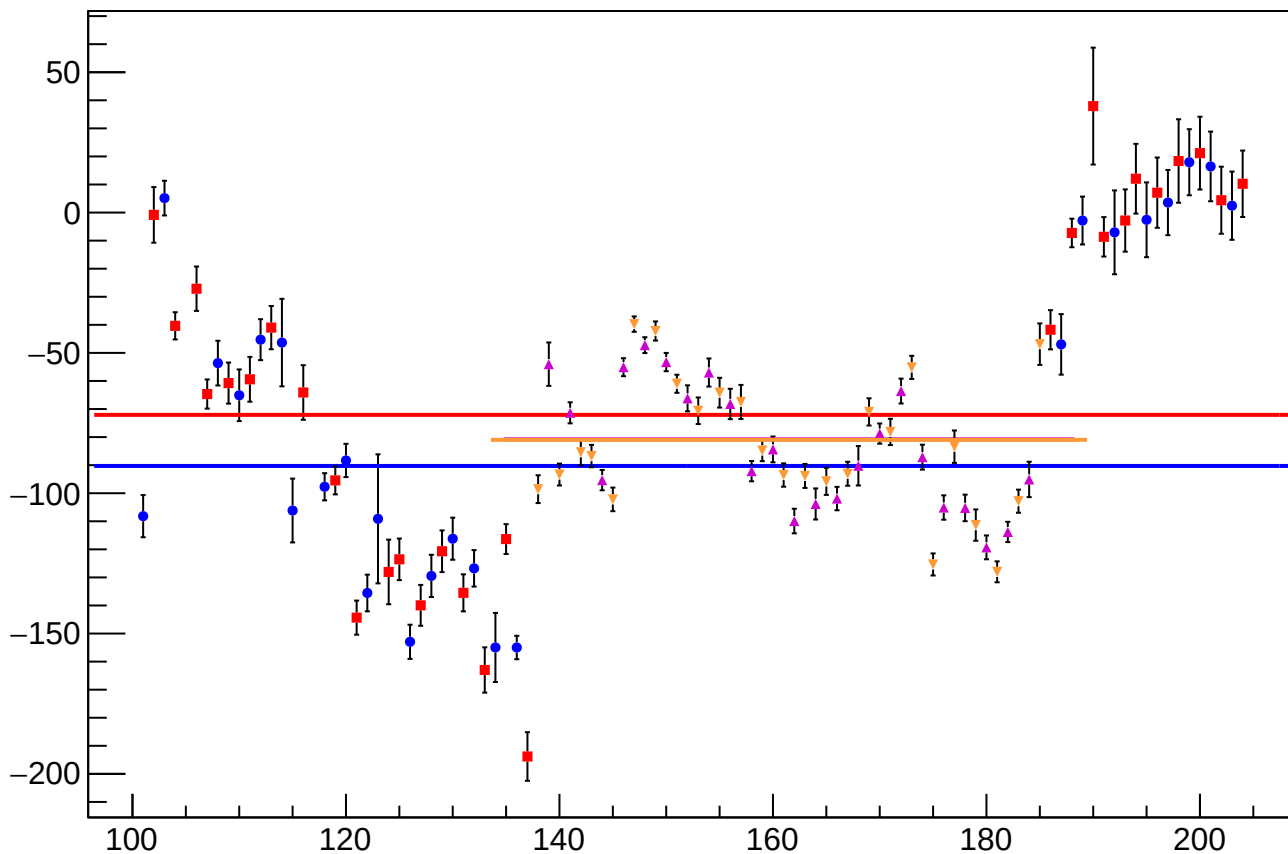
Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

+ sign -262.961 ± 0.843 χ^2/NDF : 5831.0/49

All: -266.540 ± 0.568 χ^2/NDF : 16576.2/101

- sign -269.520 ± 0.769 χ^2/NDF : 10712.1/51

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -90.284+/-1.563 χ^2/NDF : 1294.0/24

Left Out: -80.981+/-0.846 χ^2/NDF : 911.2/24

Right Out: -72.085+/-1.398 χ^2/NDF : 1595.1/28

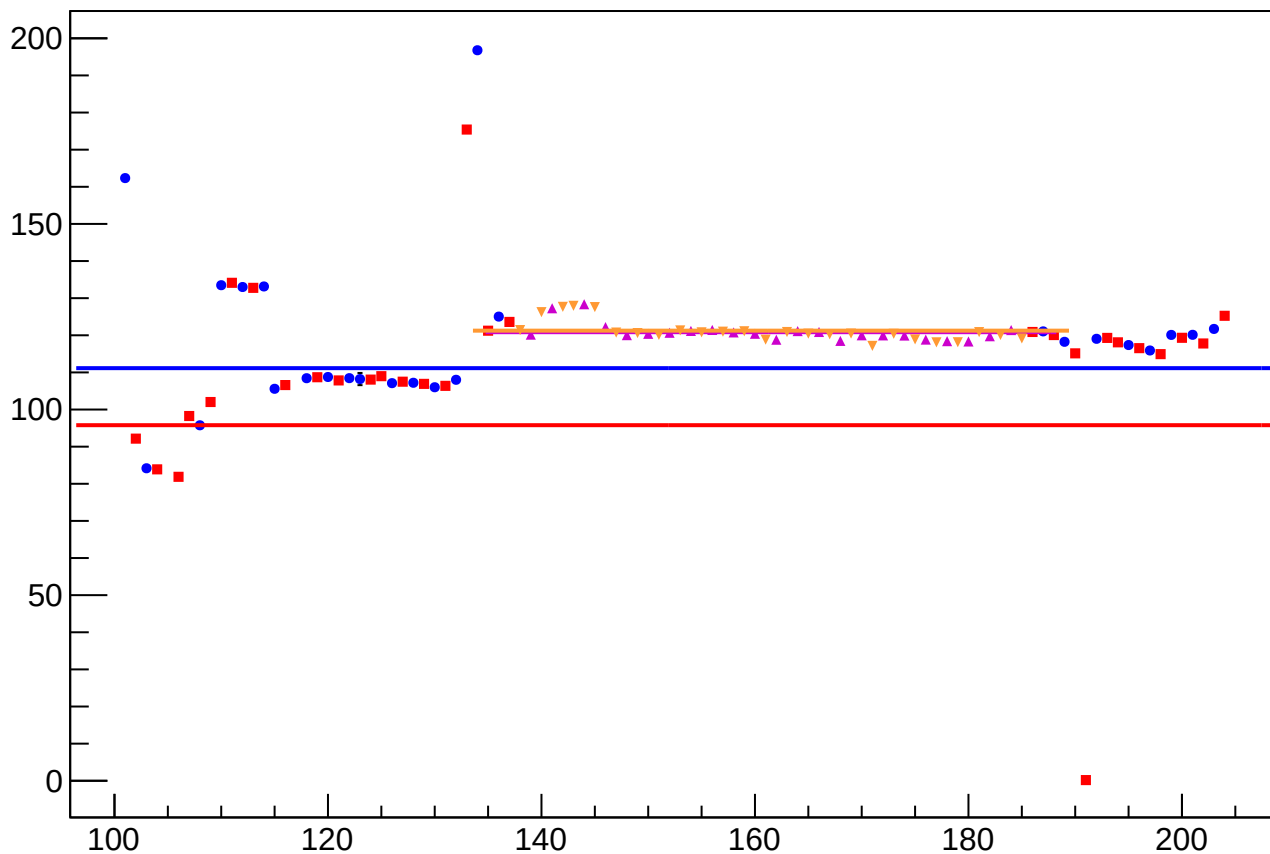
Left In: -80.803+/-0.870 χ^2/NDF : 695.4/22

+ sign -83.088+/-0.744 χ^2/NDF : 2232.6/49

All: -80.711+/-0.524 χ^2/NDF : 4571.4/101

- sign -78.370+/-0.738 χ^2/NDF : 2318.6/51

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 111.148 $\pm$ 0.073 χ^2 /NDF: 77437.0/24

Left Out: 121.248 $\pm$ 0.040 χ^2 /NDF: 4820.1/24

Right Out: 95.784 $\pm$ 0.063 χ^2 /NDF: 34272.2/28

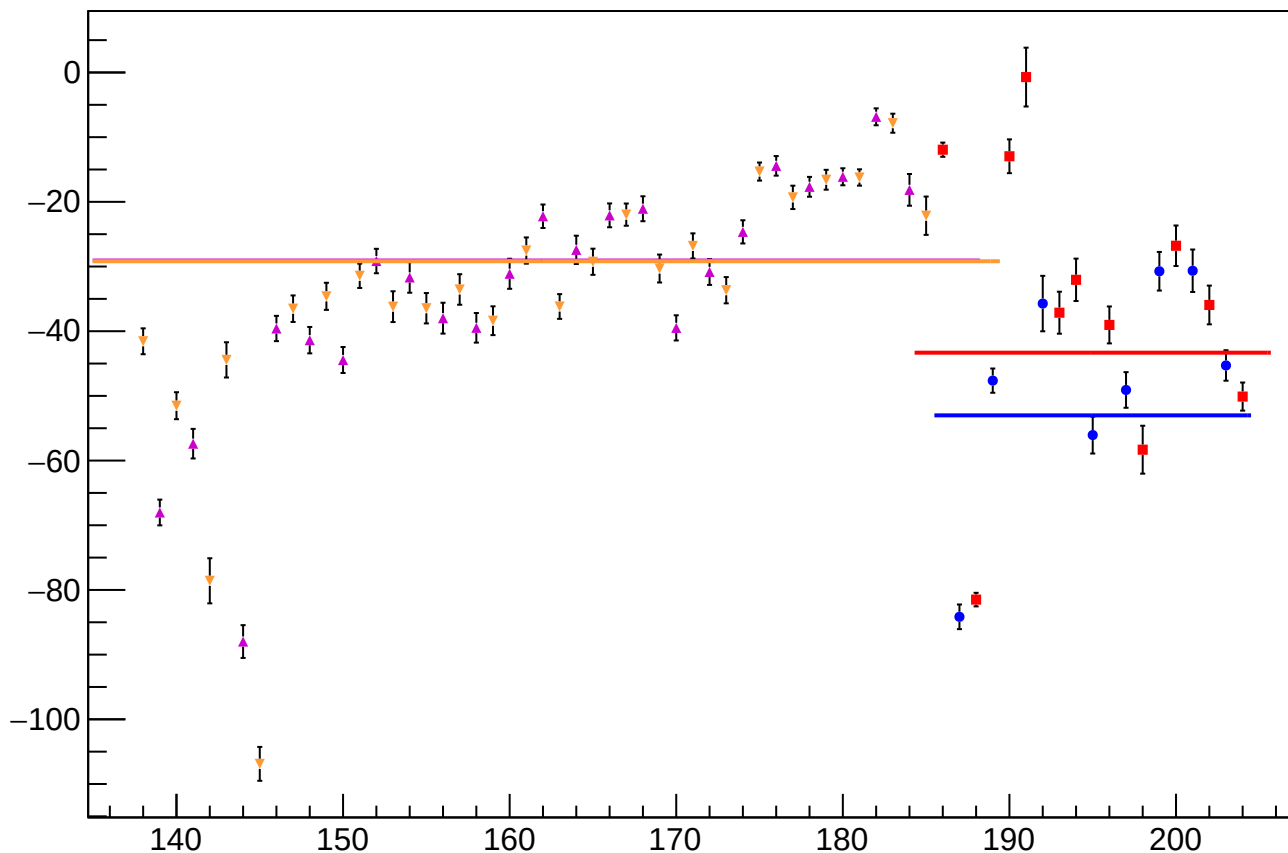
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.909 $\pm$ 0.035 χ^2 /NDF: 96861.5/49

All: 116.125 $\pm$ 0.025 χ^2 /NDF: 566622.6/101

- sign 113.522 $\pm$ 0.034 χ^2 /NDF: 457694.3/51

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -53.011 ± 0.893 $\chi^2/\text{NDF}: 407.4/7$

Left Out: -29.182 ± 0.389 $\chi^2/\text{NDF}: 1880.4/24$

Right Out: -43.318 ± 0.604 $\chi^2/\text{NDF}: 2440.9/10$

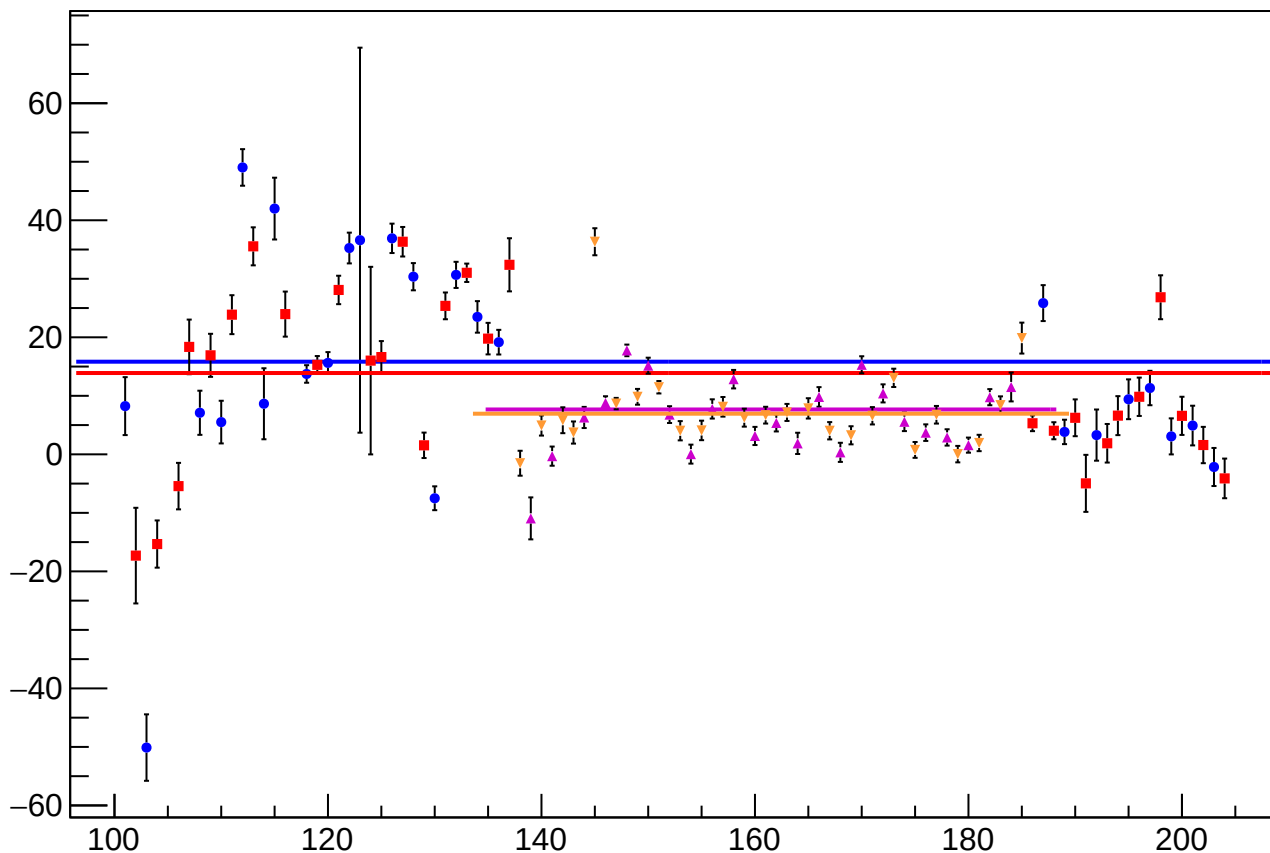
Left In: -29.073 ± 0.394 $\chi^2/\text{NDF}: 1872.4/22$

+ sign -32.985 ± 0.357 $\chi^2/\text{NDF}: 2886.1/32$

All: -33.167 ± 0.242 $\chi^2/\text{NDF}: 7590.2/66$

- sign -33.323 ± 0.330 $\chi^2/\text{NDF}: 4703.6/33$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 15.831 $\pm$ 0.551 χ^2 /NDF: 757.8/24

Left Out: 6.943 $\pm$ 0.304 χ^2 /NDF:322.6/24

Right Out: 13.897 $\pm$ 0.487 χ^2 /NDF: 653.2/28

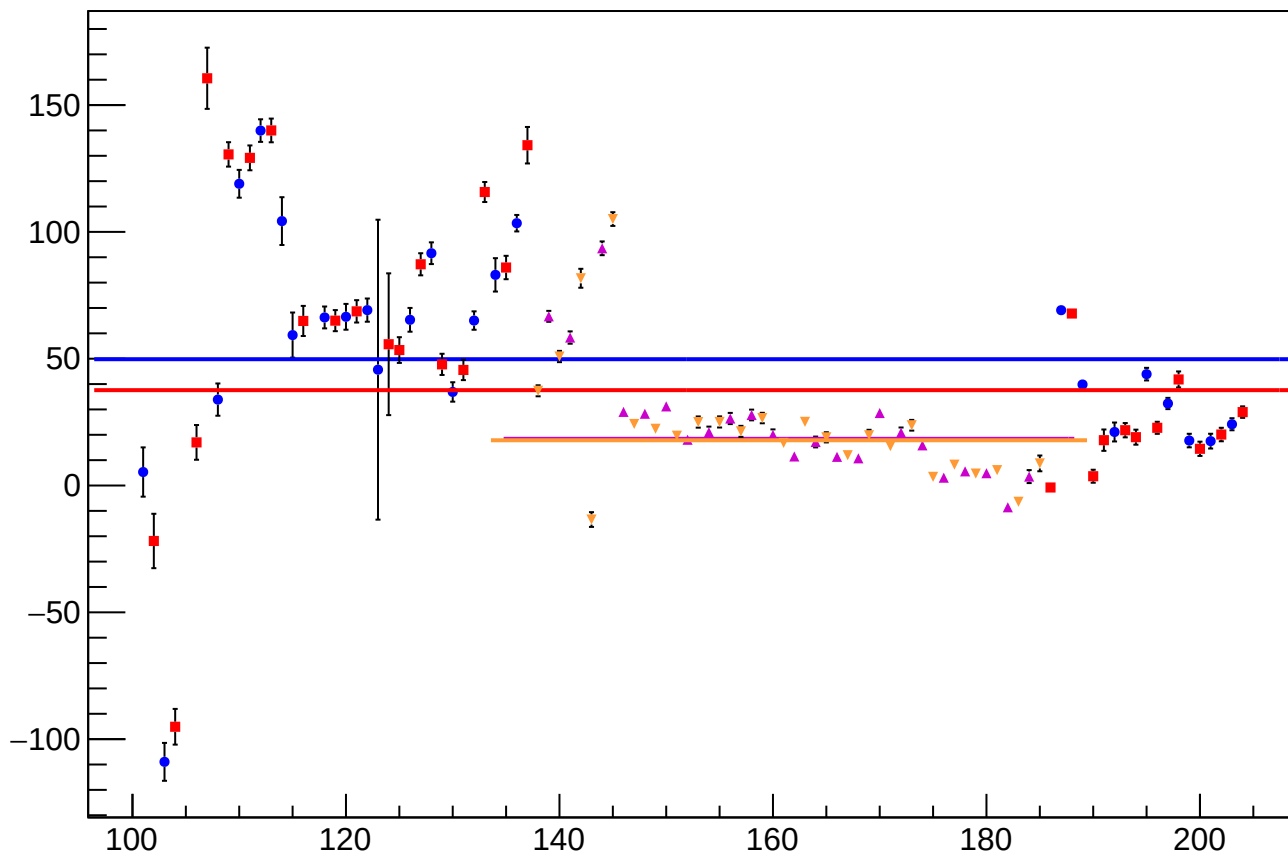
Left In: 7.666 $\pm$ 0.313 χ^2 /NDF:341.1/22

+ sign 9.013 $\pm$ 0.266 χ^2 /NDF: 1279.9/49

All: 9.250 $\pm$ 0.187 χ^2 /NDF: 2391.6/101

- sign 9.483 $\pm$ 0.263 χ^2 /NDF: 1110.0/51

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 49.802 $\pm$ 0.654 χ^2 /NDF: 2260.9/24

Left Out: 17.841 $\pm$ 0.388 χ^2 /NDF: 2399.7/24

Right Out: 37.598 $\pm$ 0.469 χ^2 /NDF: 6269.9/28

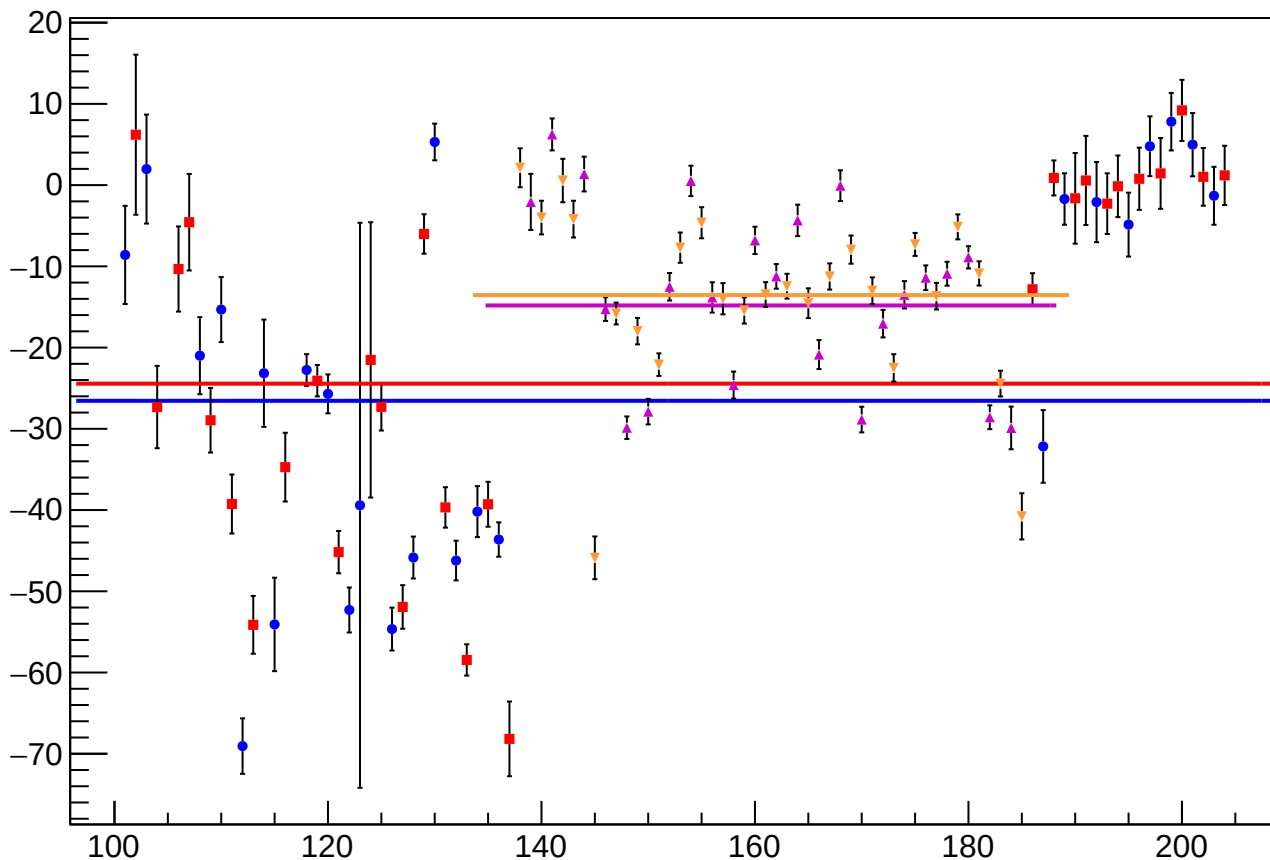
Left In: 18.416 $\pm$ 0.391 χ^2 /NDF: 2468.4/22

+ sign 26.152 $\pm$ 0.334 χ^2 /NDF: 6426.5/49

All: 26.231 $\pm$ 0.223 χ^2 /NDF: 16152.3/101

- sign 26.295 $\pm$ 0.300 χ^2 /NDF: 9725.7/51

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -26.553 ± 0.646 χ^2/NDF : 1222.3/24

Left Out: -13.535 ± 0.345 χ^2/NDF : 574.6/24

Right Out: -24.442 ± 0.591 χ^2/NDF : 1363.0/28

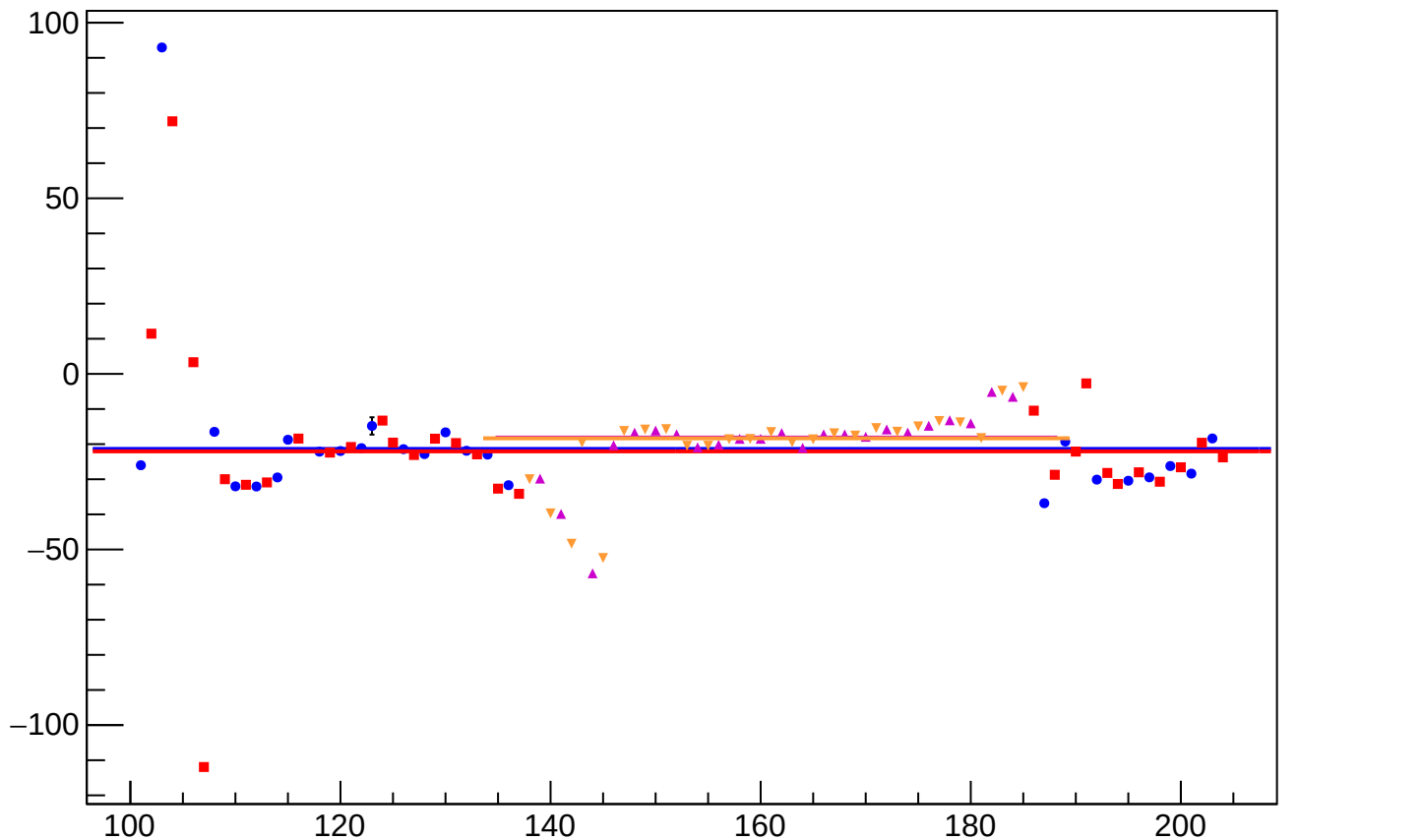
Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

+ sign -16.422 ± 0.304 χ^2/NDF : 2113.1/49

All: -16.887 ± 0.215 χ^2/NDF : 4514.7/101

- sign -17.349 ± 0.303 χ^2/NDF : 2396.9/51

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -21.365 ± 0.032 χ^2/NDF : 510902.9/24

Left Out: -18.337 ± 0.016 χ^2/NDF : 283793.3/24

Right Out: -22.052 ± 0.029 χ^2/NDF : 484820.4/28

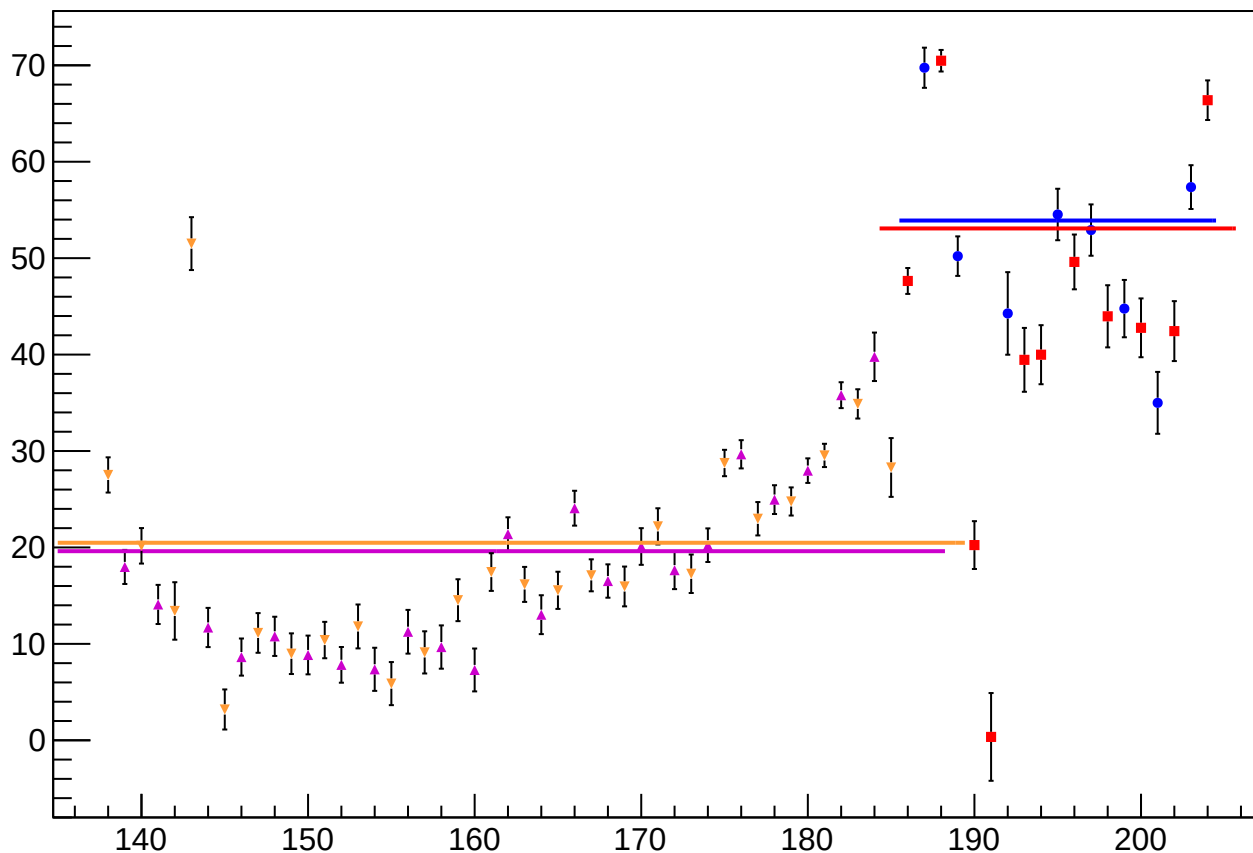
Left In: -18.135 ± 0.016 χ^2/NDF : 245650.3/22

+ sign -18.944 ± 0.014 χ^2/NDF : 801990.4/49

All: -19.005 ± 0.010 χ^2/NDF : 1546673.2/101

- sign -19.064 ± 0.014 χ^2/NDF : 744646.7/51

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 53.903 ± 0.910 $\chi^2/\text{NDF}: 112.9/7$

Left Out: 20.485 ± 0.374 $\chi^2/\text{NDF}: 615.7/24$

Right Out: 53.081 ± 0.641 $\chi^2/\text{NDF}: 677.8/10$

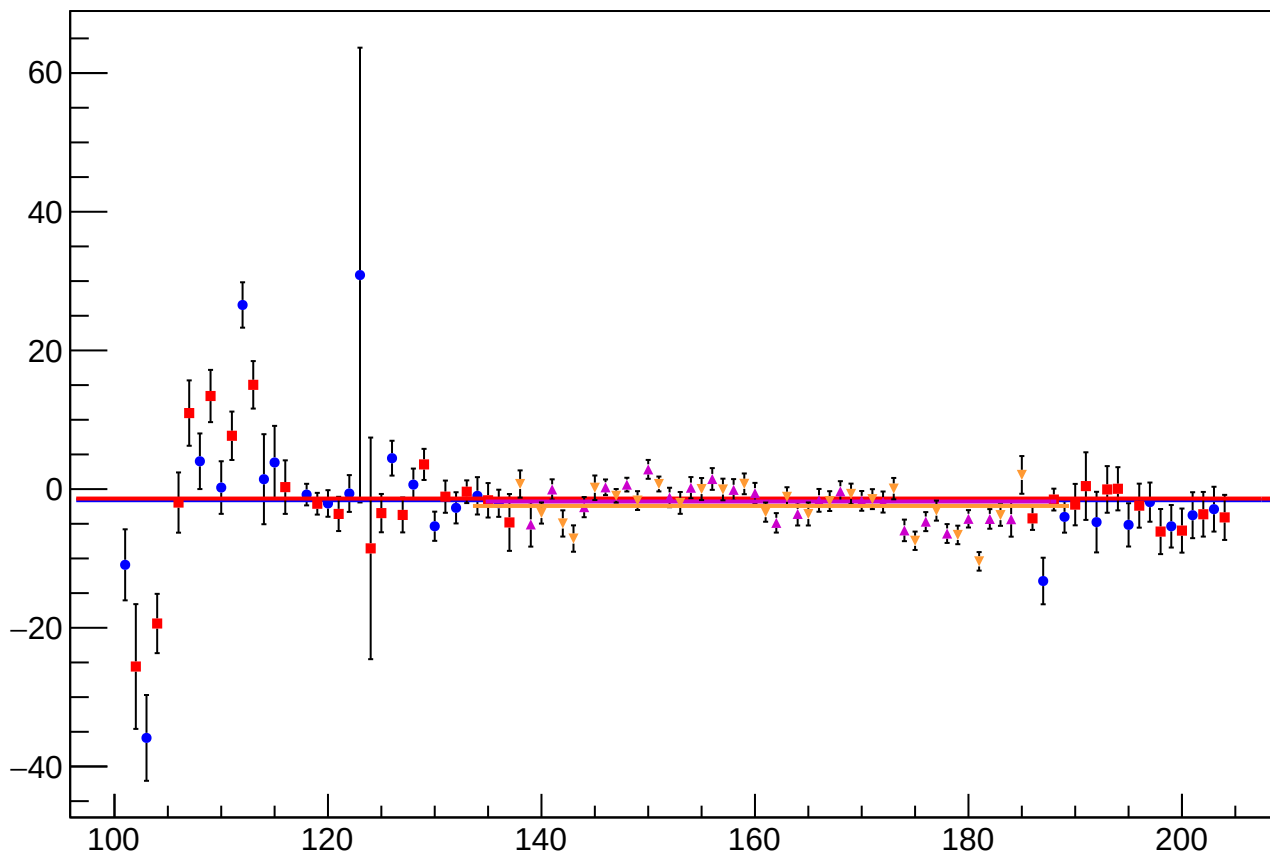
Left In: 19.612 ± 0.379 $\chi^2/\text{NDF}: 572.7/22$

+ sign 25.310 ± 0.346 $\chi^2/\text{NDF}: 1883.5/32$

All: 26.871 ± 0.237 $\chi^2/\text{NDF}: 5191.7/66$

- sign 28.261 ± 0.326 $\chi^2/\text{NDF}: 3269.7/33$

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -1.602 ± 0.559 χ^2/NDF : 140.3/24

Left Out: -2.429 ± 0.293 χ^2/NDF : 103.7/24

Right Out: -1.362 ± 0.506 χ^2/NDF : 94.8/28

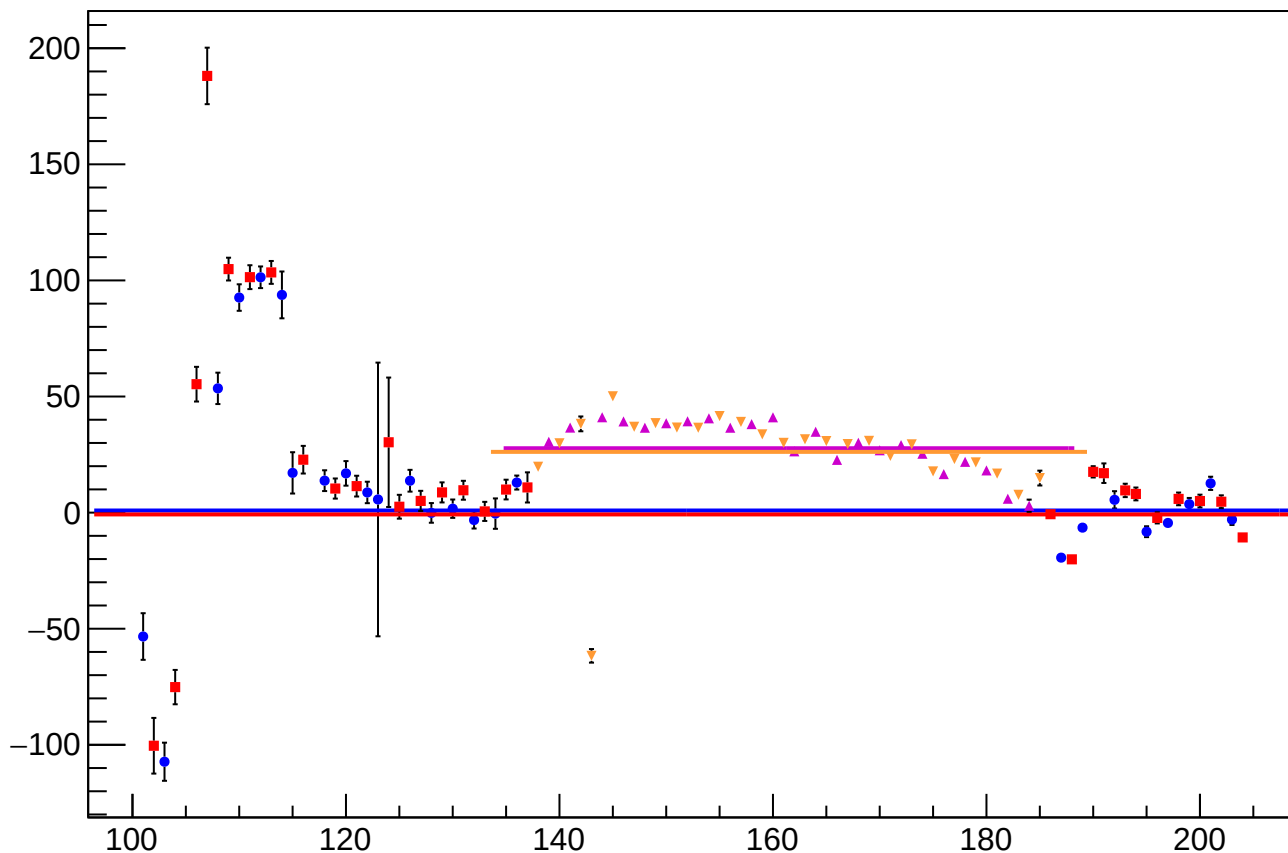
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.251 ± 0.259 χ^2/NDF : 245.8/49

All: -1.964 ± 0.183 χ^2/NDF : 413.6/101

- sign -1.679 ± 0.259 χ^2/NDF : 165.4/51

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 0.911 ± 0.669 $\chi^2/\text{NDF}: 1320.8/24$

Left Out: 26.164 ± 0.373 $\chi^2/\text{NDF}: 1577.6/24$

Right Out: -0.782 ± 0.500 $\chi^2/\text{NDF}: 2421.8/28$

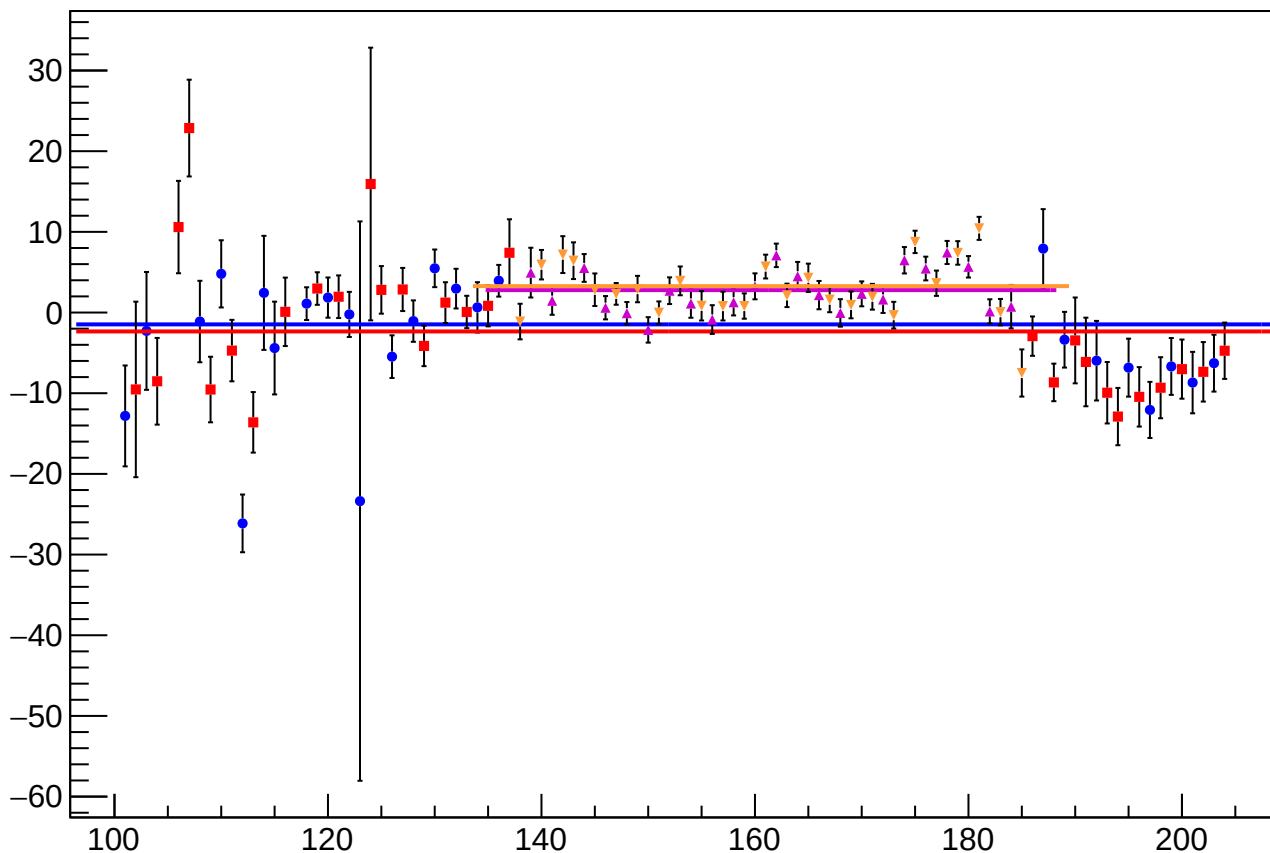
Left In: 27.725 ± 0.377 $\chi^2/\text{NDF}: 805.1/22$

+ sign 20.173 ± 0.326 $\chi^2/\text{NDF}: 3986.7/49$

All: 18.673 ± 0.221 $\chi^2/\text{NDF}: 9328.8/101$

- sign 17.393 ± 0.301 $\chi^2/\text{NDF}: 5302.8/51$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -1.469 ± 0.650 χ^2/NDF : 104.1/24

Left Out: 3.275 ± 0.332 χ^2/NDF : 101.8/24

Right Out: -2.342 ± 0.606 χ^2/NDF : 99.0/28

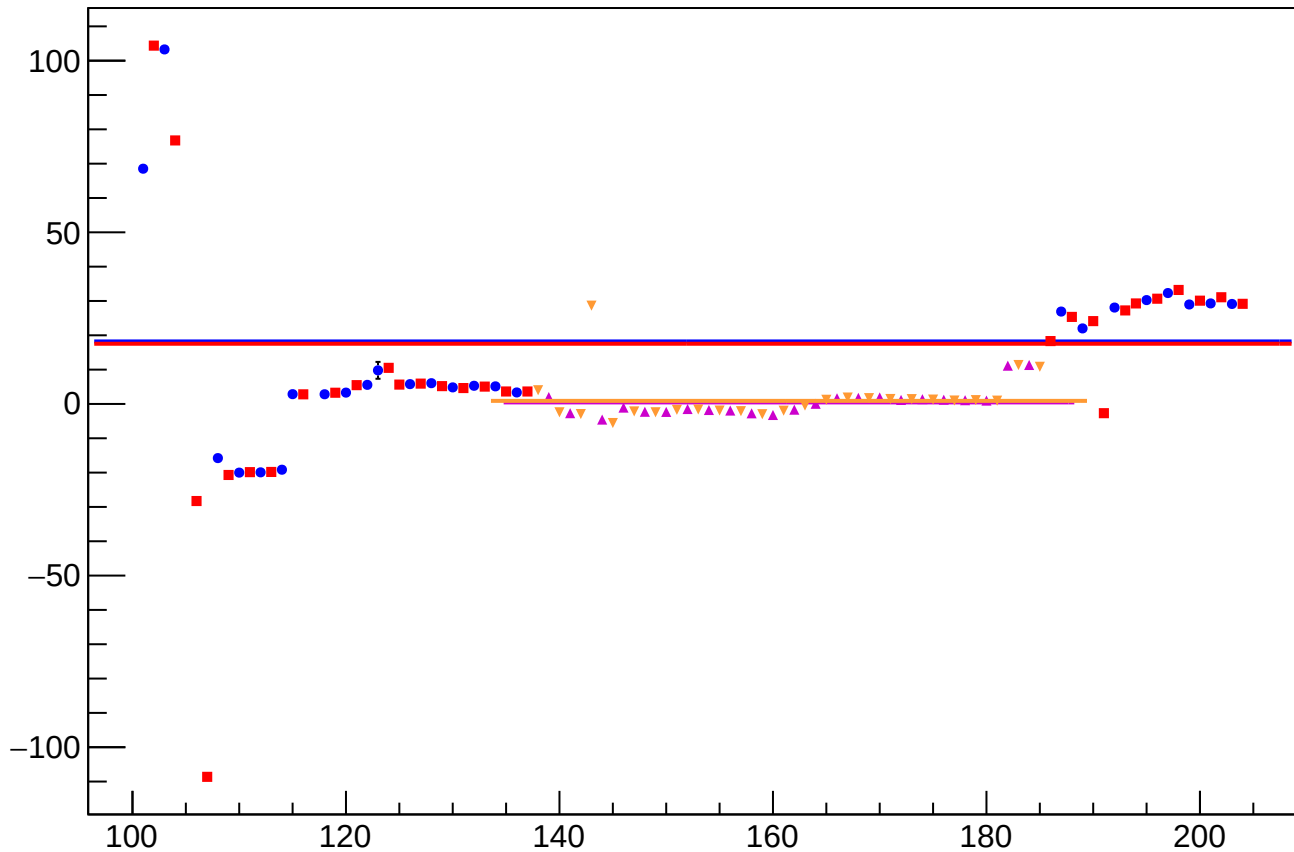
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.294 ± 0.296 χ^2/NDF : 248.1/49

All: 1.923 ± 0.209 χ^2/NDF : 471.0/101

- sign 1.550 ± 0.297 χ^2/NDF : 219.7/51

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 18.211 $\pm$ 0.031 χ^2 /NDF: 476757.2/24

Left Out: 0.898 $\pm$ 0.015 χ^2 /NDF: 108195.0/24

Right Out: 17.539 $\pm$ 0.029 χ^2 /NDF: 714210.1/28

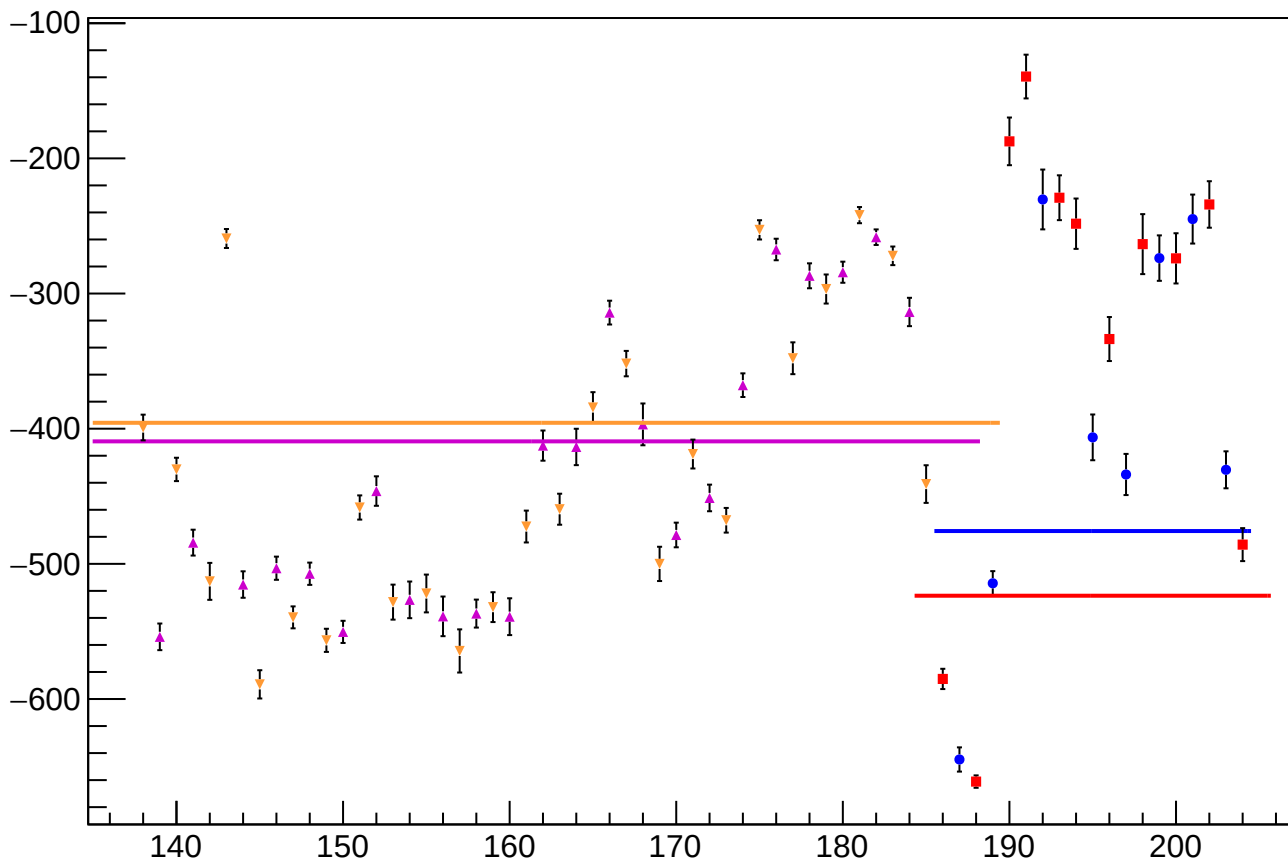
Left In: 0.448 $\pm$ 0.015 χ^2 /NDF: 50533.6/22

+ sign 4.188 $\pm$ 0.014 χ^2 /NDF: 831083.4/49

All: 4.219 $\pm$ 0.010 χ^2 /NDF: 1871343.0/101

- sign 4.250 $\pm$ 0.014 χ^2 /NDF: 1040249.2/51

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -475.724 $\pm$ 4.631 χ^2 /NDF: 838.7/7

Left Out: -395.638 $\pm$ 1.909 χ^2 /NDF:3704.0/24

Right Out: -523.579 $\pm$ 3.202 χ^2 /NDF: 3170.5/10

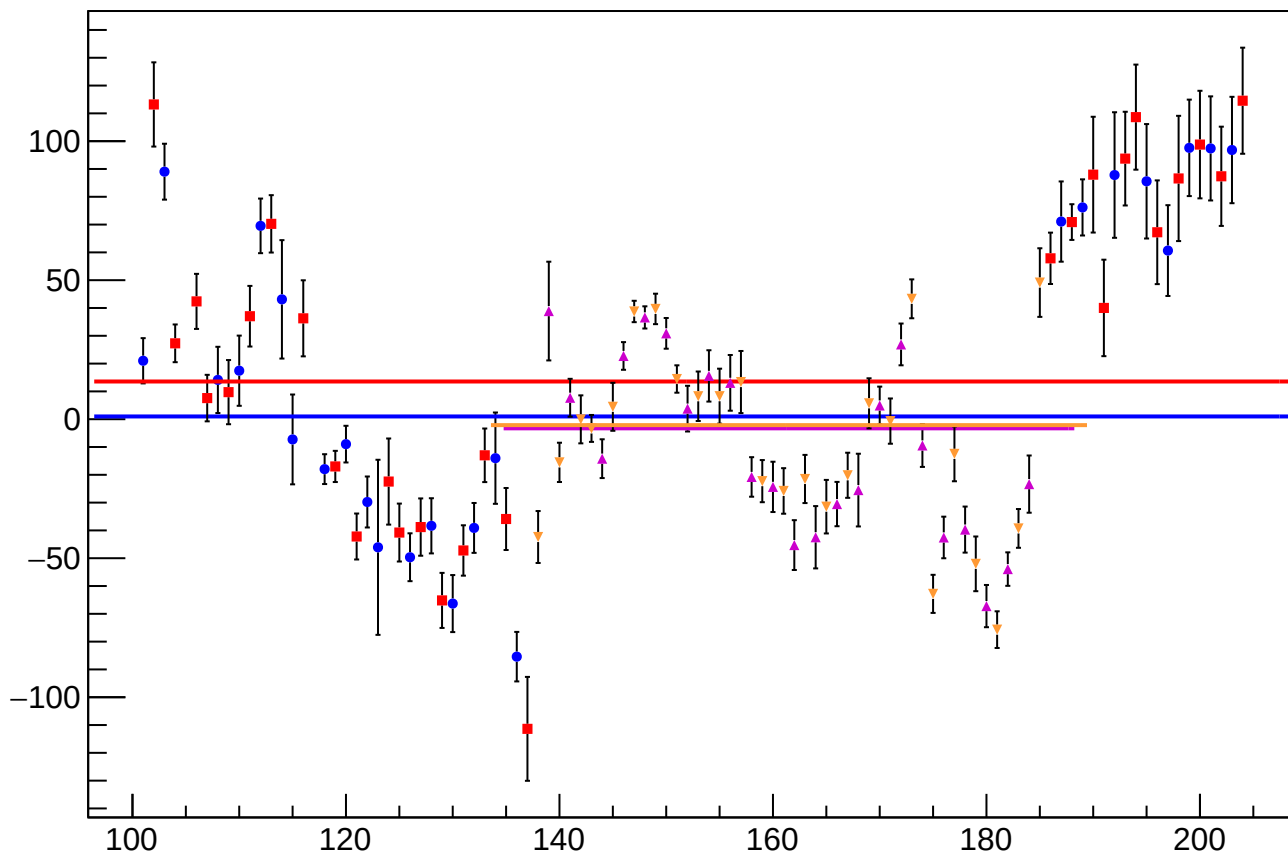
Left In: -409.377 $\pm$ 1.971 χ^2 /NDF:3096.1/22

+ sign -407.269 $\pm$ 1.765 χ^2 /NDF: 4798.3/32

All: -424.855 $\pm$ 1.216 χ^2 /NDF: 12176.3/66

- sign -440.764 $\pm$ 1.679 χ^2 /NDF: 7188.9/33

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 0.988 ± 2.138 χ^2/NDF : 581.8/24

Left Out: -2.133 ± 1.435 χ^2/NDF : 562.8/24

Right Out: 13.562 ± 1.977 χ^2/NDF : 656.9/28

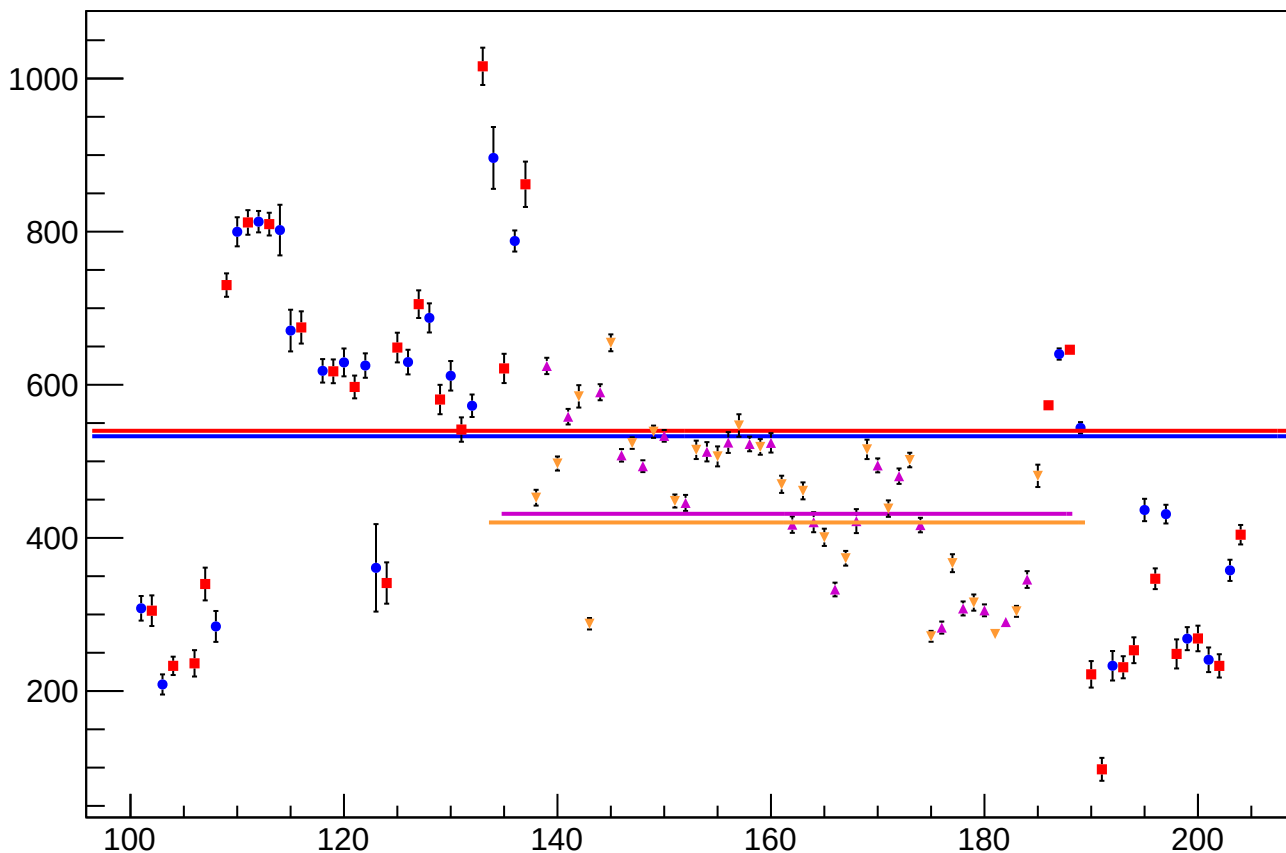
Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

+ sign -1.164 ± 1.191 χ^2/NDF : 1146.1/49

All: 0.874 ± 0.847 χ^2/NDF : 2309.1/101

- sign 2.953 ± 1.203 χ^2/NDF : 1157.1/51

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 532.761 ± 2.920 $\chi^2/\text{NDF}: 3664.9/24$

Left Out: 420.181 ± 1.916 $\chi^2/\text{NDF}: 3241.0/24$

Right Out: 539.910 ± 2.249 $\chi^2/\text{NDF}: 6770.8/28$

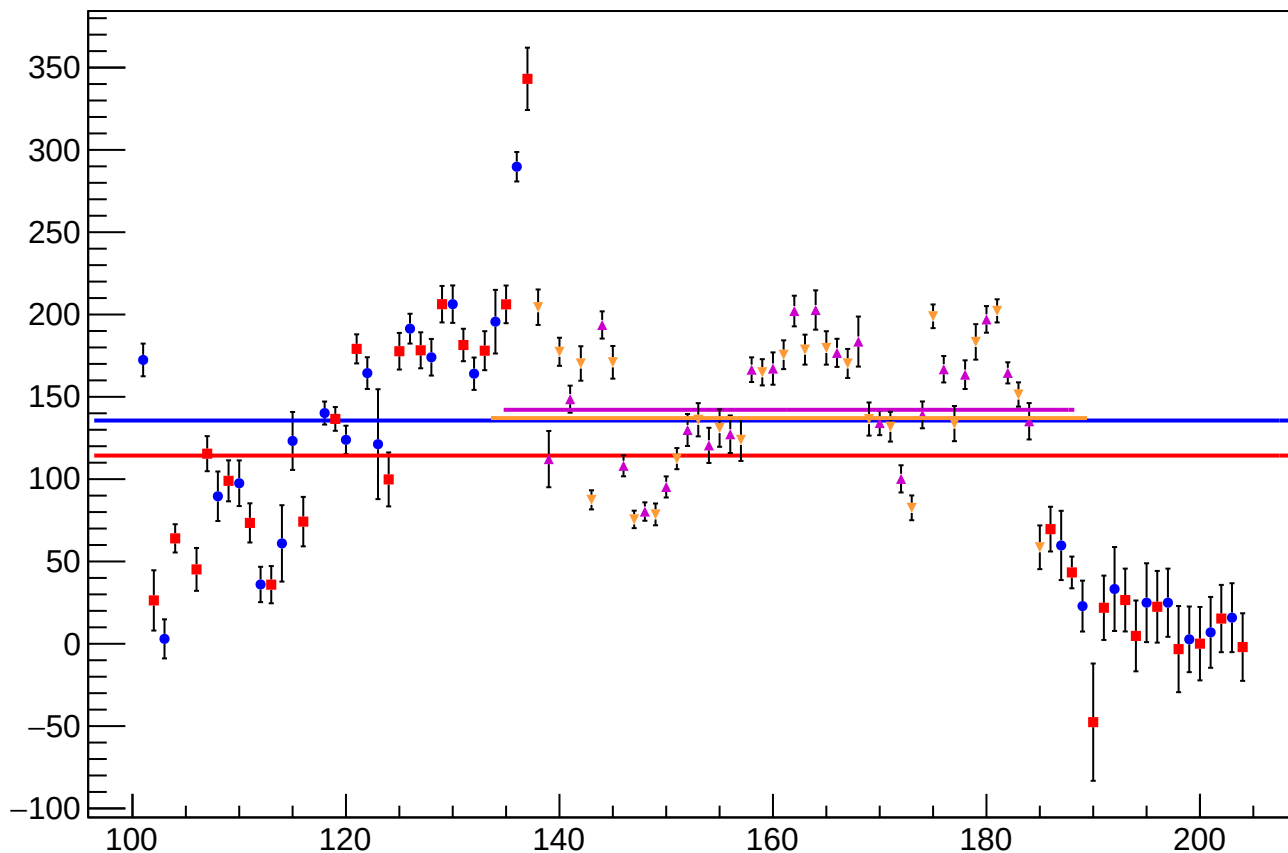
Left In: 431.487 ± 1.964 $\chi^2/\text{NDF}: 2897.1/22$

+ sign 454.058 ± 1.602 $\chi^2/\text{NDF}: 7945.2/49$

All: 467.191 ± 1.087 $\chi^2/\text{NDF}: 19056.2/101$

- sign 478.394 ± 1.479 $\chi^2/\text{NDF}: 10986.5/51$

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 135.611 ± 2.509 $\chi^2/\text{NDF}: 912.6/24$

Left Out: 137.107 ± 1.663 $\chi^2/\text{NDF}: 738.9/24$

Right Out: 114.321 ± 2.356 $\chi^2/\text{NDF}: 914.9/28$

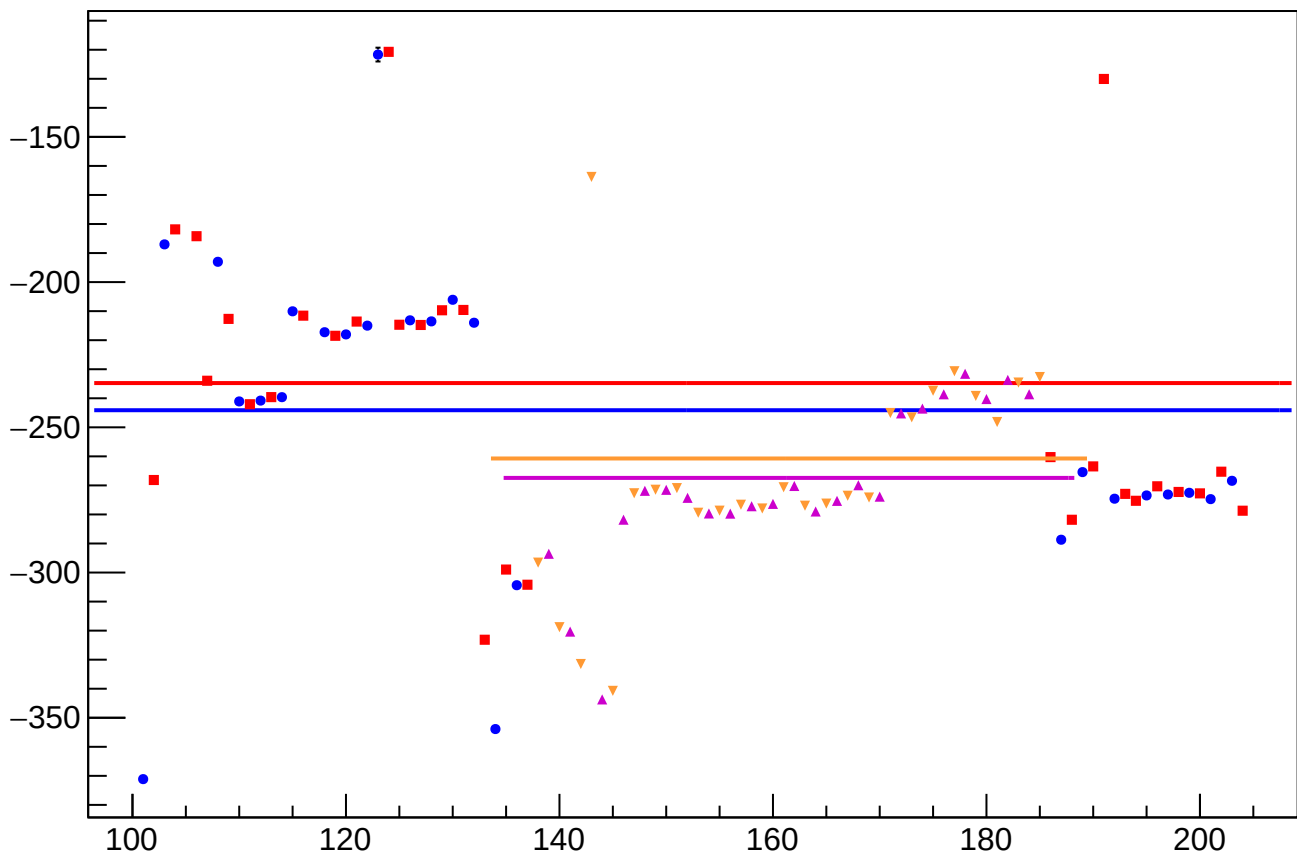
Left In: 142.123 ± 1.740 $\chi^2/\text{NDF}: 463.8/22$

+ sign 136.650 ± 1.386 $\chi^2/\text{NDF}: 1651.7/49$

All: 134.502 ± 0.985 $\chi^2/\text{NDF}: 3125.4/101$

- sign 132.310 ± 1.400 $\chi^2/\text{NDF}: 1468.8/51$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -244.112 ± 0.128 $\chi^2/\text{NDF}: 162524.9/24$

Left Out: -260.729 ± 0.080 $\chi^2/\text{NDF}: 220125.6/24$

Right Out: -234.763 ± 0.116 $\chi^2/\text{NDF}: 167337.6/28$

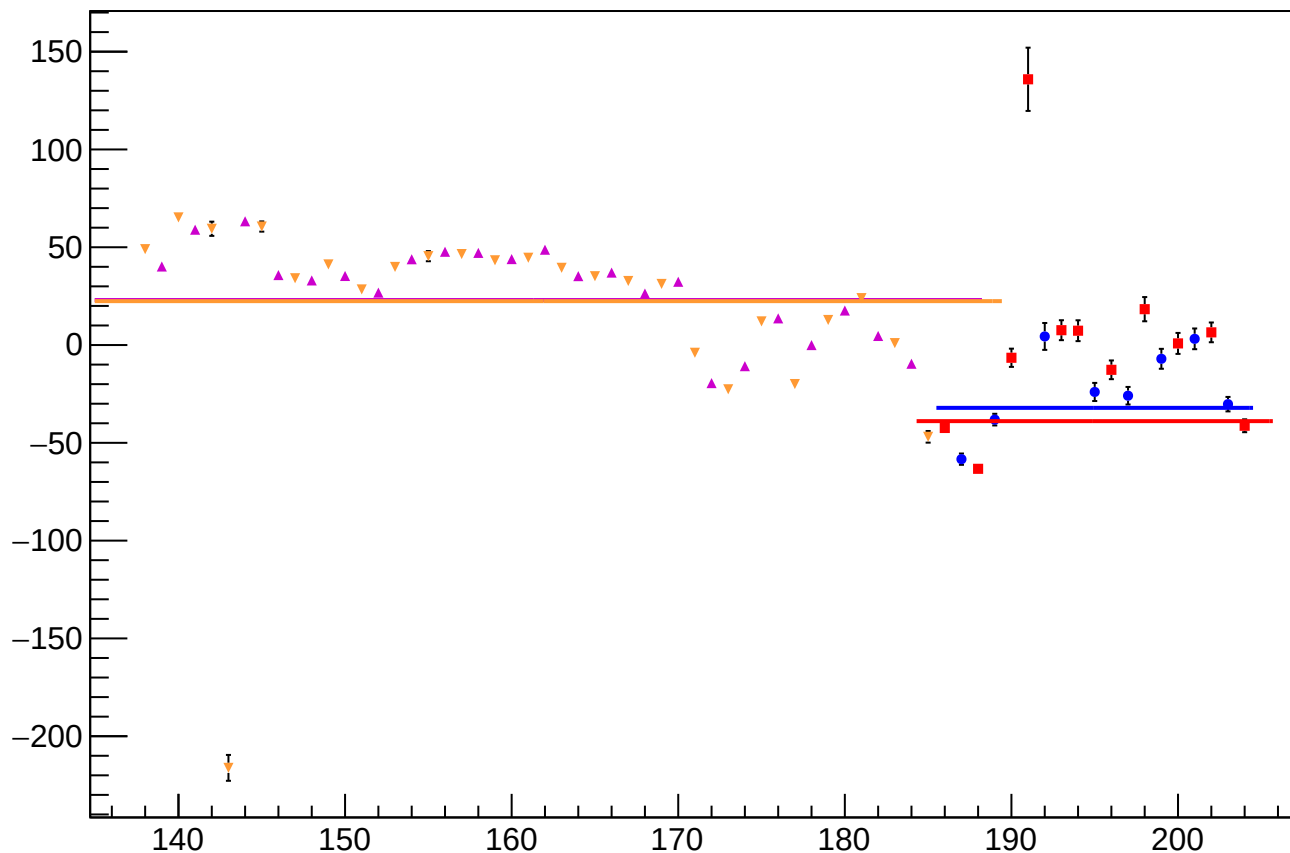
Left In: -267.416 ± 0.081 $\chi^2/\text{NDF}: 98892.0/22$

+ sign -256.100 ± 0.068 $\chi^2/\text{NDF}: 394807.8/49$

All: -256.365 ± 0.047 $\chi^2/\text{NDF}: 714332.1/101$

- sign -256.623 ± 0.067 $\chi^2/\text{NDF}: 319494.0/51$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -32.113 ± 1.418 $\chi^2/\text{NDF}: 188.7/7$

Left Out: 22.446 ± 0.399 $\chi^2/\text{NDF}: 4935.8/24$

Right Out: -38.906 ± 0.954 $\chi^2/\text{NDF}: 823.6/10$

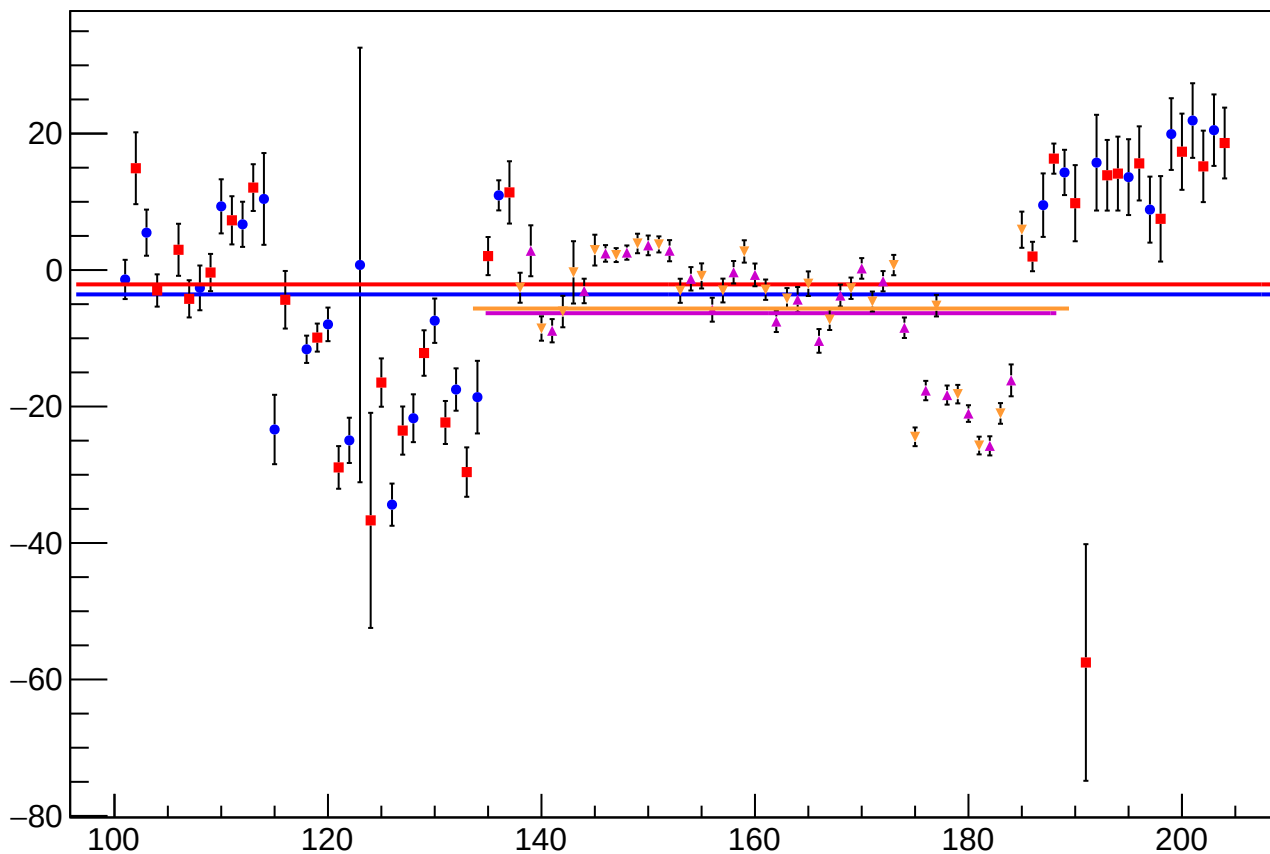
Left In: 23.019 ± 0.400 $\chi^2/\text{NDF}: 2819.9/22$

+ sign 18.447 ± 0.384 $\chi^2/\text{NDF}: 6495.8/32$

All: 16.015 ± 0.266 $\chi^2/\text{NDF}: 13799.5/66$

- sign 13.772 ± 0.369 $\chi^2/\text{NDF}: 7226.6/33$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -3.569 ± 0.709 $\chi^2/\text{NDF}: 431.0/24$

Left Out: -5.639 ± 0.316 $\chi^2/\text{NDF}: 891.5/24$

Right Out: -2.101 ± 0.644 $\chi^2/\text{NDF}: 461.6/28$

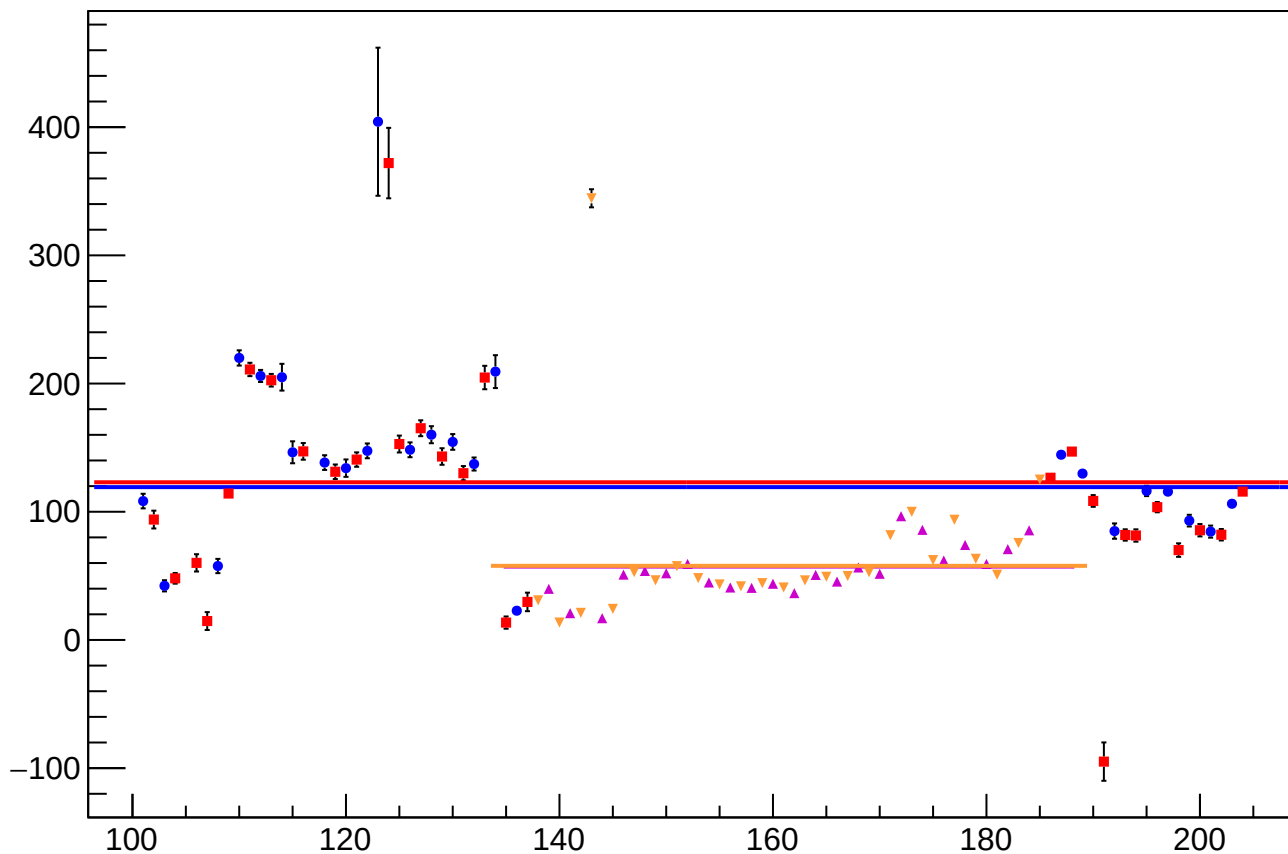
Left In: -6.323 ± 0.320 $\chi^2/\text{NDF}: 784.4/22$

+ sign -5.296 ± 0.288 $\chi^2/\text{NDF}: 1329.7/49$

All: -5.392 ± 0.203 $\chi^2/\text{NDF}: 2610.3/101$

- sign -5.486 ± 0.287 $\chi^2/\text{NDF}: 1280.4/51$

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 119.208 $\pm$ 0.925 χ^2 /NDF: 2427.6/24

Left Out: 57.816 $\pm$ 0.398 χ^2 /NDF:4331.5/24

Right Out: 122.997 $\pm$ 0.690 χ^2 /NDF: 3203.0/28

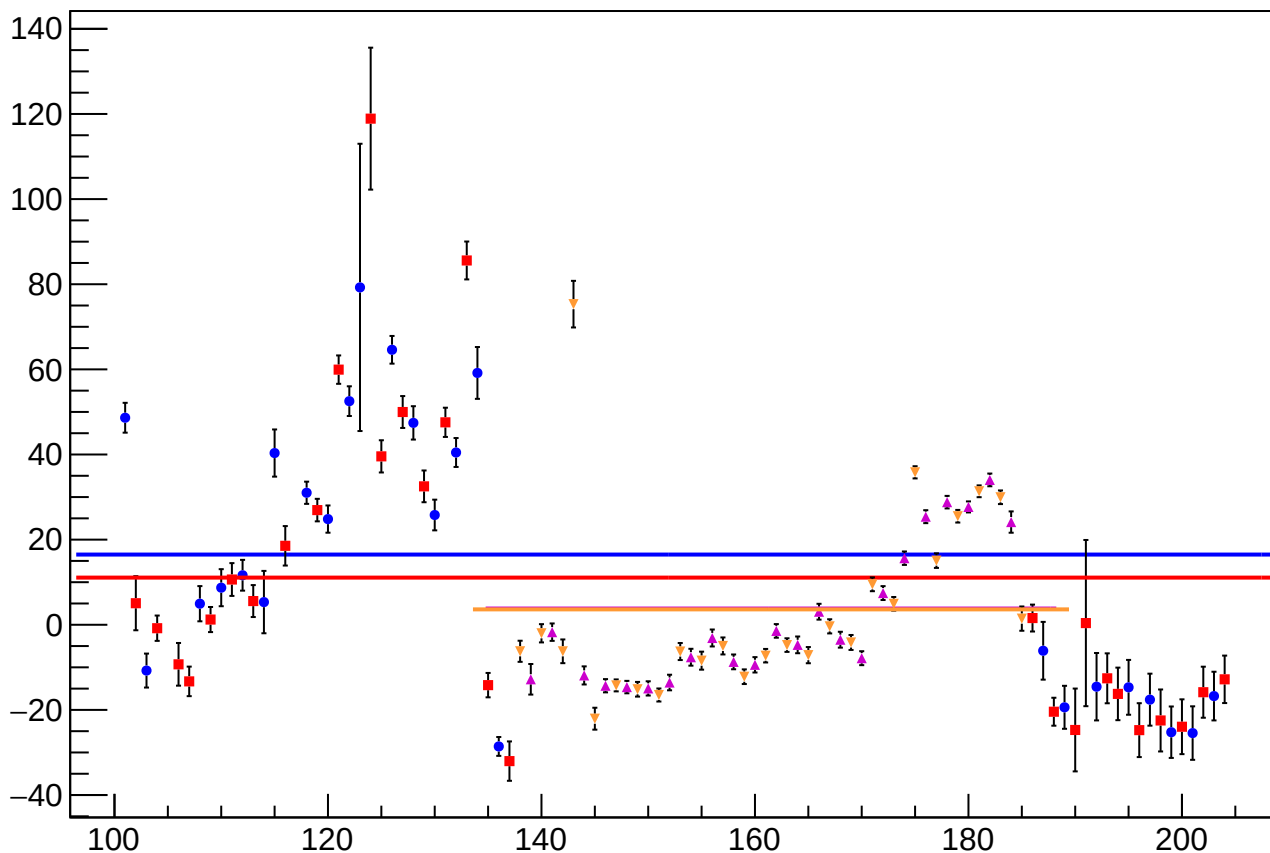
Left In: 57.226 $\pm$ 0.398 χ^2 /NDF:1860.6/22

+ sign 67.403 $\pm$ 0.366 χ^2 /NDF: 10474.5/49

All: 70.718 $\pm$ 0.251 χ^2 /NDF: 22516.8/101

- sign 73.665 $\pm$ 0.345 χ^2 /NDF: 11887.0/51

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 16.493 ± 0.823 $\chi^2/\text{NDF}: 1371.0/24$

Left Out: 3.615 ± 0.357 $\chi^2/\text{NDF}: 2501.2/24$

Right Out: 11.080 ± 0.766 $\chi^2/\text{NDF}: 1418.8/28$

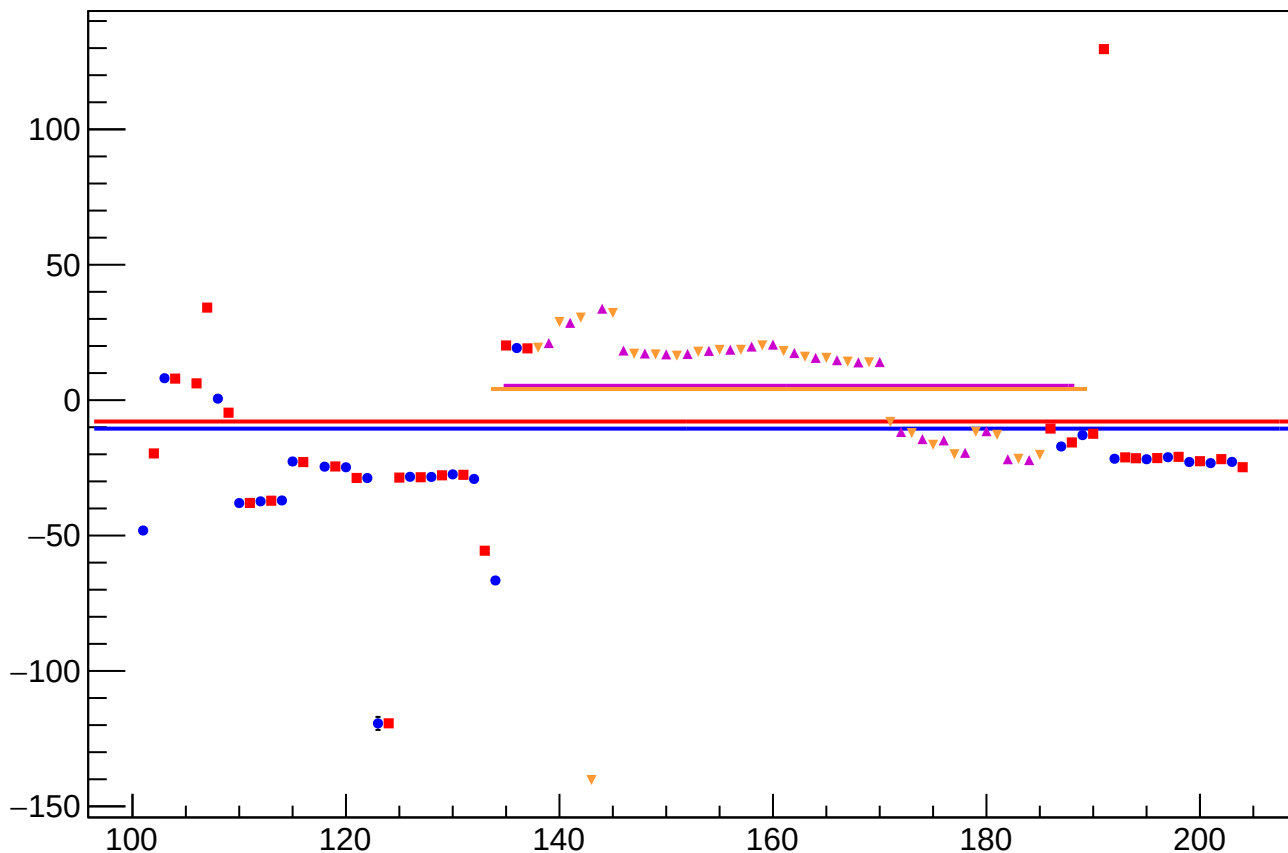
Left In: 3.812 ± 0.361 $\chi^2/\text{NDF}: 2203.5/22$

+ sign 5.651 ± 0.327 $\chi^2/\text{NDF}: 4078.3/49$

All: 5.390 ± 0.231 $\chi^2/\text{NDF}: 7775.5/101$

- sign 5.131 ± 0.326 $\chi^2/\text{NDF}: 3696.0/51$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -10.521 ± 0.039 χ^2/NDF : 295261.1/24

Left Out: 4.121 ± 0.016 χ^2/NDF : 1340176.5/24

Right Out: -7.887 ± 0.037 χ^2/NDF : 382345.8/28

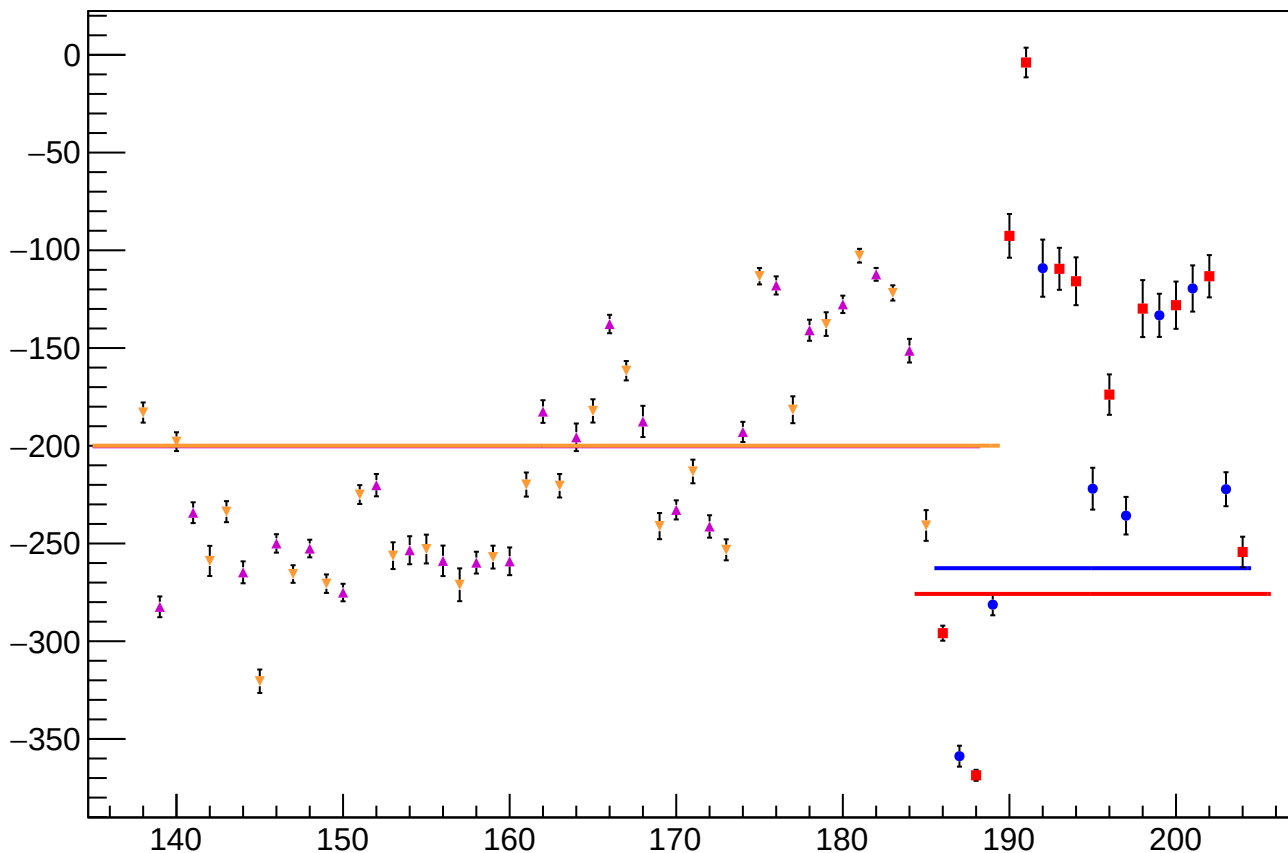
Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

+ sign 1.950 ± 0.015 χ^2/NDF : 1754086.4/49

All: 2.549 ± 0.011 χ^2/NDF : 3336159.3/101

- sign 3.136 ± 0.015 χ^2/NDF : 1578958.2/51

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -262.630 ± 2.869 χ^2/NDF : 772.2/7

Left Out: -199.957 ± 1.082 χ^2/NDF : 3220.5/24

Right Out: -275.789 ± 1.889 χ^2/NDF : 3658.9/10

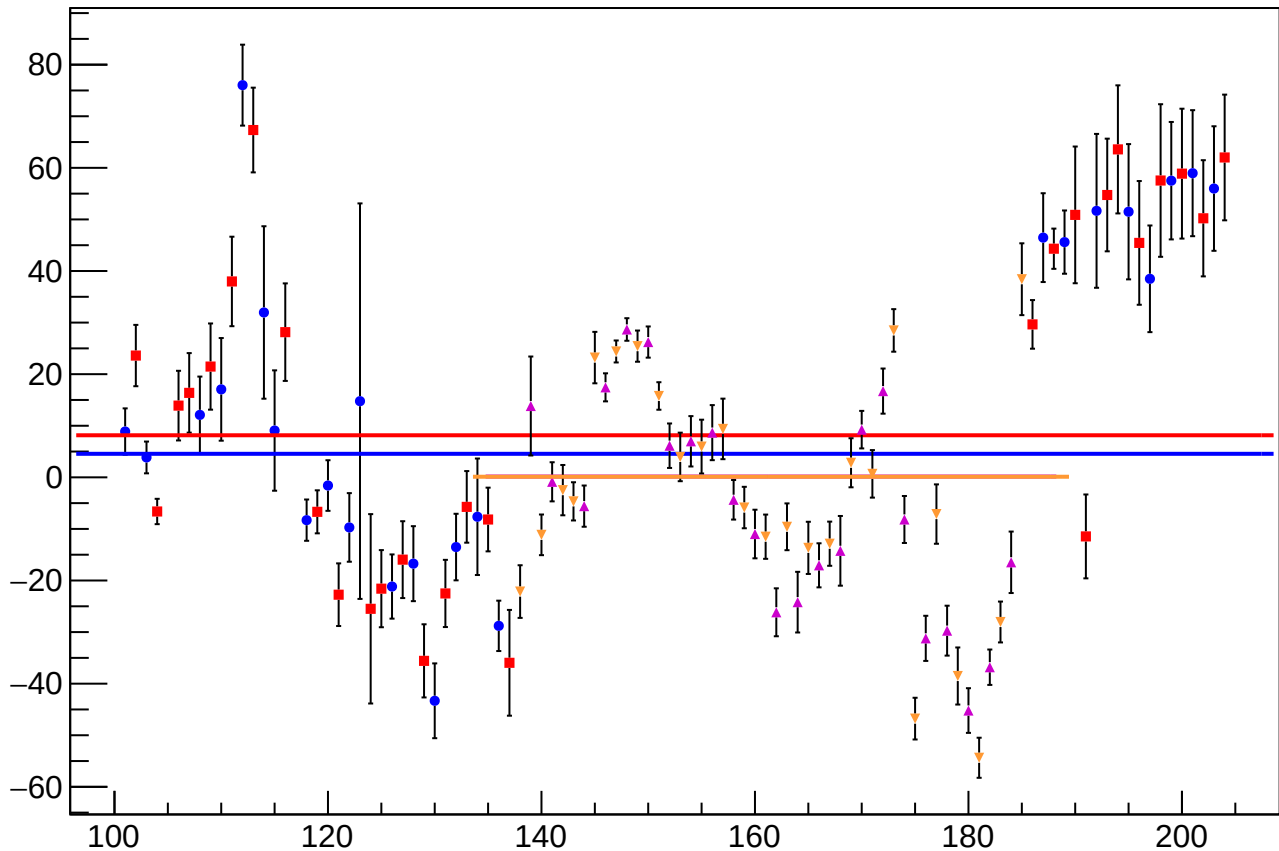
Left In: -200.276 ± 1.093 χ^2/NDF : 3013.8/22

+ sign -207.756 ± 1.012 χ^2/NDF : 4410.5/32

All: -213.875 ± 0.691 χ^2/NDF : 12348.7/66

- sign -219.226 ± 0.946 χ^2/NDF : 7869.7/33

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 4.561 ± 1.341 χ^2/NDF : 392.6/24

Left Out: 0.116 ± 0.810 χ^2/NDF : 830.1/24

Right Out: 8.155 ± 1.205 χ^2/NDF : 505.1/28

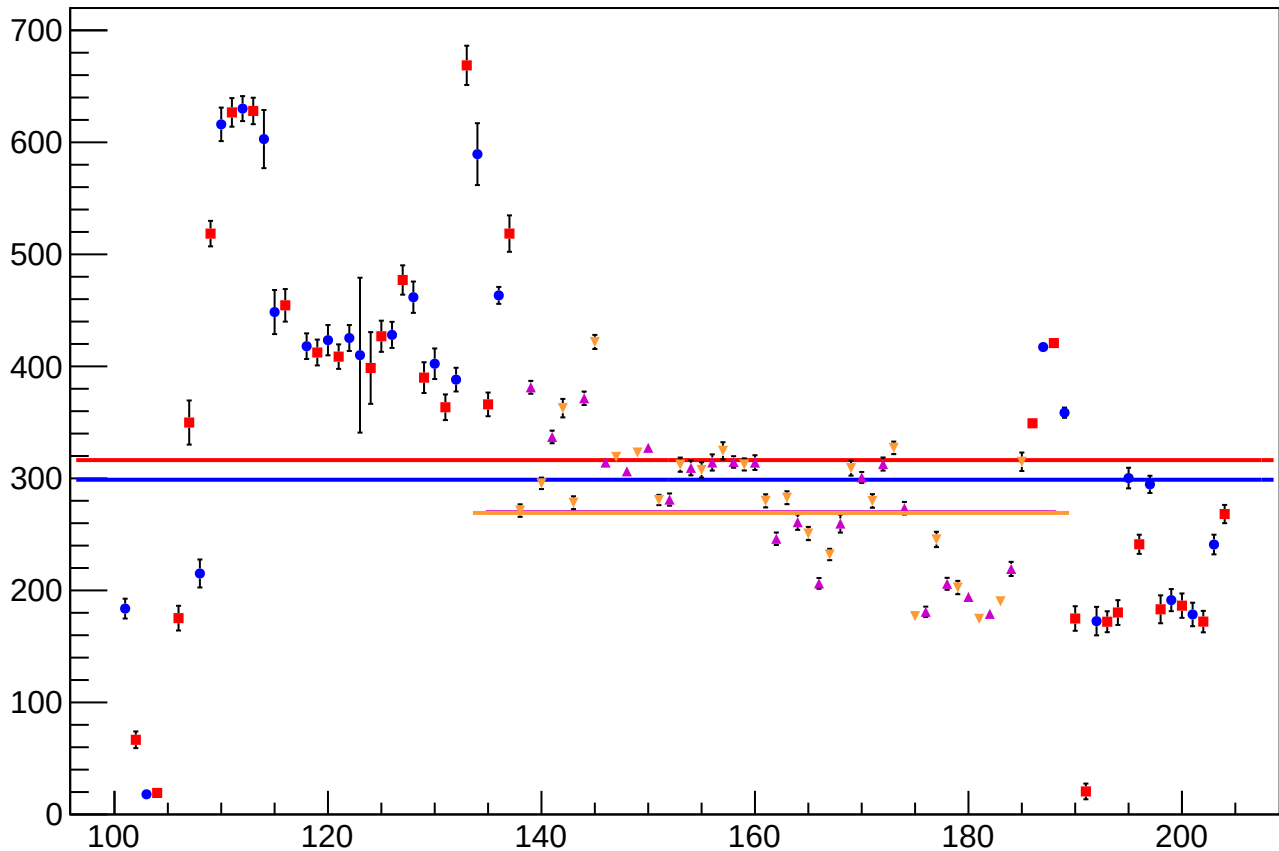
Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

+ sign 1.306 ± 0.694 χ^2/NDF : 1230.8/49

All: 2.037 ± 0.488 χ^2/NDF : 2487.5/101

- sign 2.754 ± 0.687 χ^2/NDF : 1254.5/51

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 298.799 $\pm$ 1.740 χ^2 /NDF: 9122.1/24

Left Out: 269.181 $\pm$ 1.081 χ^2 /NDF:3148.5/24

Right Out: 316.324 $\pm$ 1.326 χ^2 /NDF: 13819.4/28

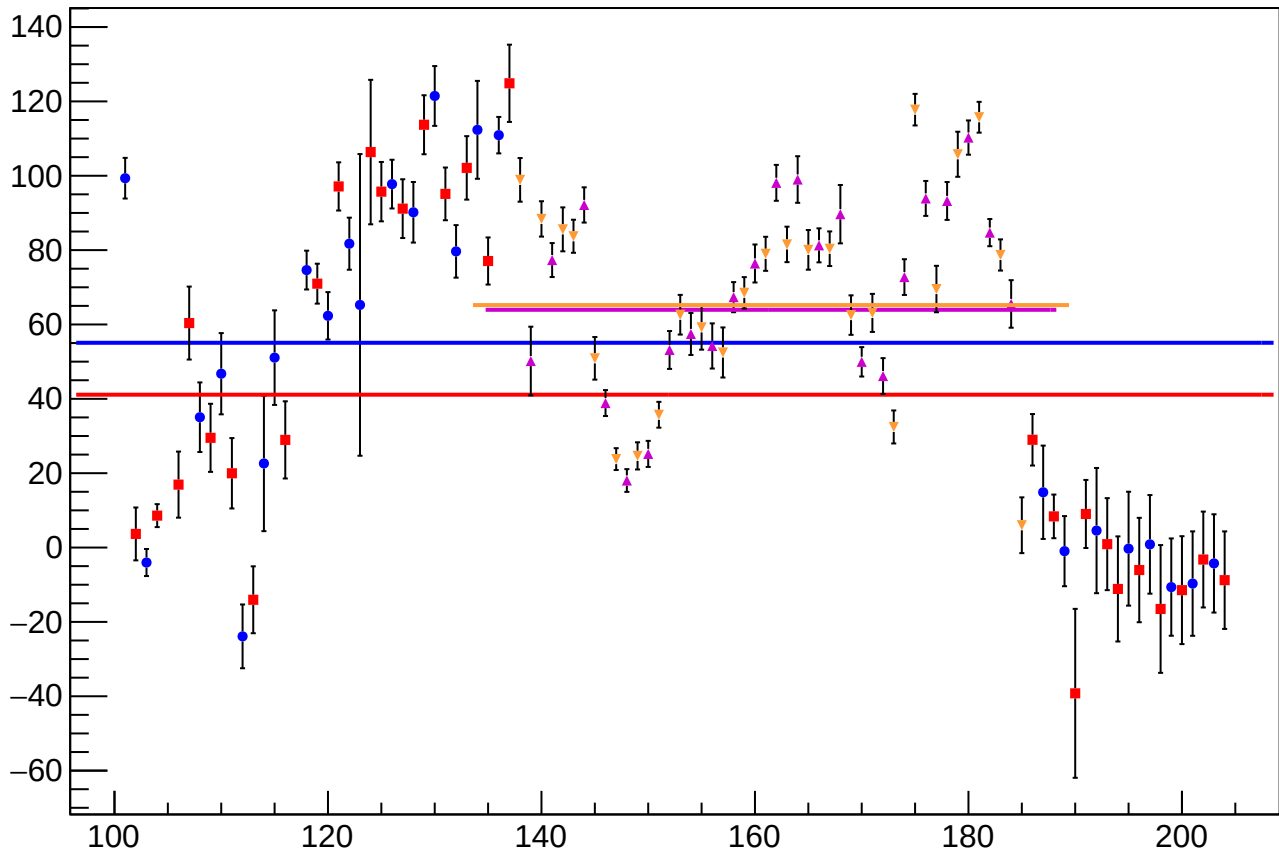
Left In: 269.798 $\pm$ 1.087 χ^2 /NDF:3234.9/22

+ sign 277.430 $\pm$ 0.918 χ^2 /NDF: 12479.7/49

All: 283.452 $\pm$ 0.620 χ^2 /NDF: 30349.5/101

- sign 288.501 $\pm$ 0.841 χ^2 /NDF: 17790.7/51

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 55.076 $\pm$ 1.576 χ^2/NDF : 893.3/24

Left Out: 65.214 $\pm$ 0.938 χ^2/NDF :1005.7/24

Right Out: 41.112 $\pm$ 1.460 χ^2/NDF : 834.6/28

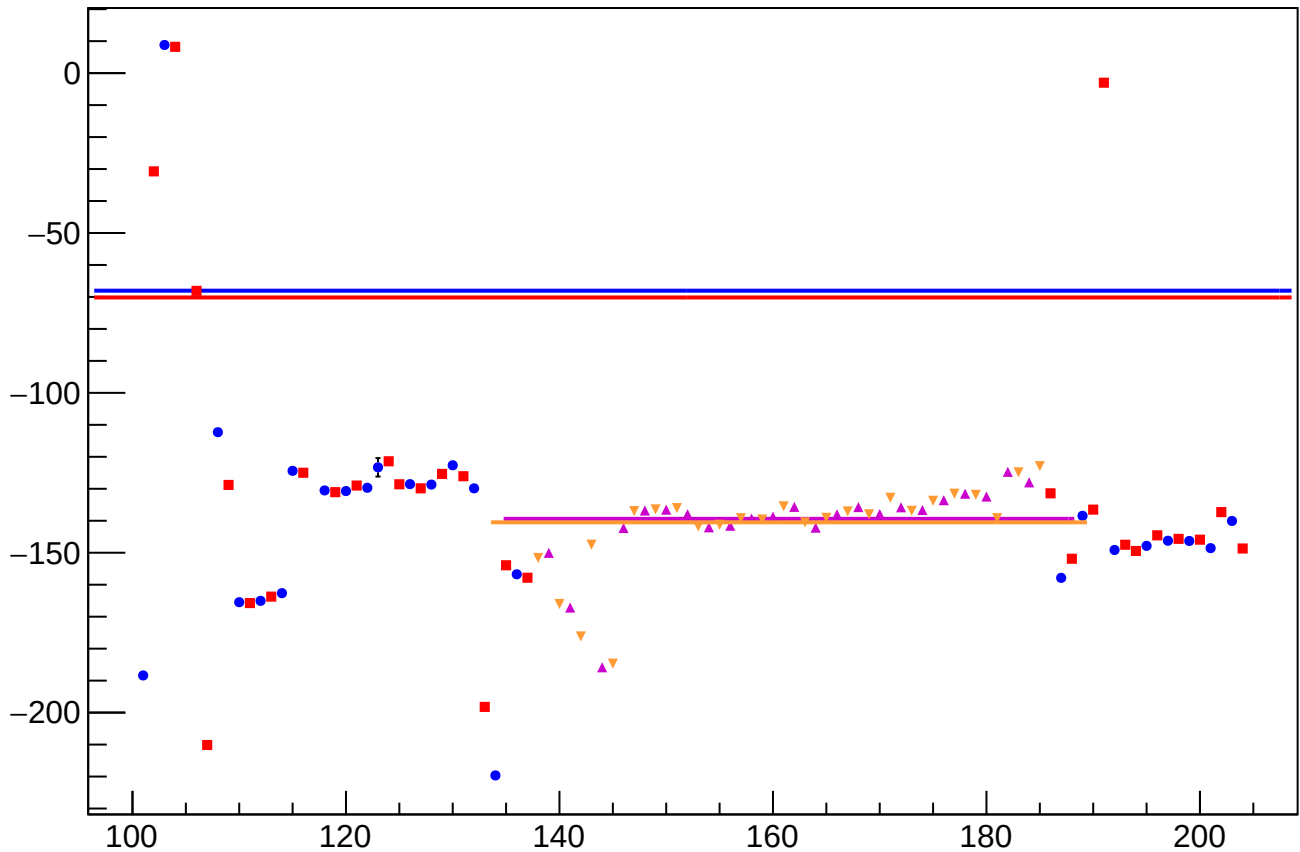
Left In: 63.944 $\pm$ 0.961 χ^2/NDF :803.4/22

+ sign 62.561 $\pm$ 0.806 χ^2/NDF : 1929.6/49

All: 59.789 $\pm$ 0.569 χ^2/NDF : 3761.8/101

- sign 57.044 $\pm$ 0.802 χ^2/NDF : 1808.7/51

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -68.040 ± 0.065 χ^2/NDF : 1501722.1/24

Left Out: -140.489 ± 0.045 χ^2/NDF : 77350.7/24

Right Out: -70.166 ± 0.062 χ^2/NDF : 1374215.2/28

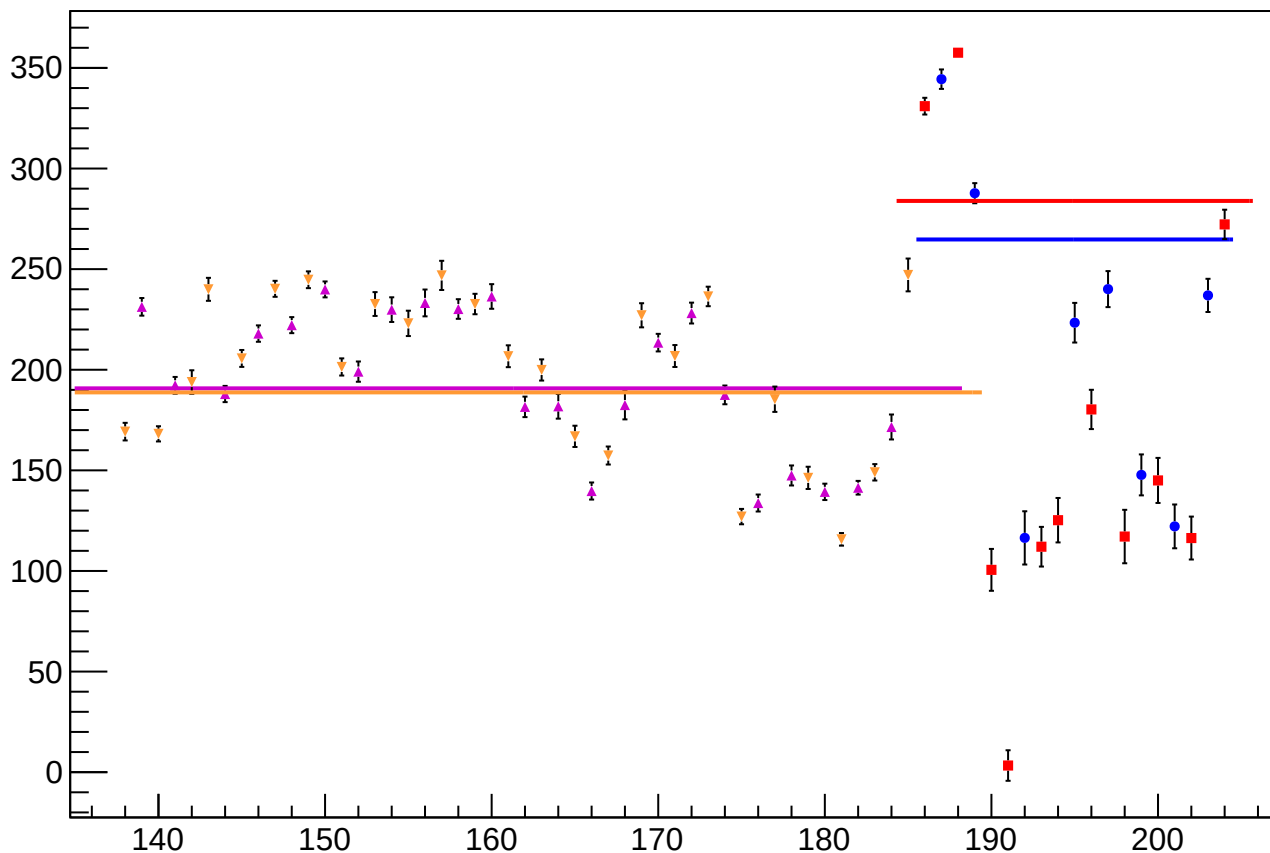
Left In: -139.406 ± 0.045 χ^2/NDF : 62878.4/22

+ sign -117.005 ± 0.037 χ^2/NDF : 2430898.3/49

All: -116.255 ± 0.026 χ^2/NDF : 4691388.7/10

- sign -115.523 ± 0.036 χ^2/NDF : 2259666.9/51

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 264.745 ± 2.635 $\chi^2/\text{NDF}: 758.0/7$

Left Out: 188.749 ± 0.958 $\chi^2/\text{NDF}: 1968.6/24$

Right Out: 283.899 ± 1.785 $\chi^2/\text{NDF}: 3853.8/10$

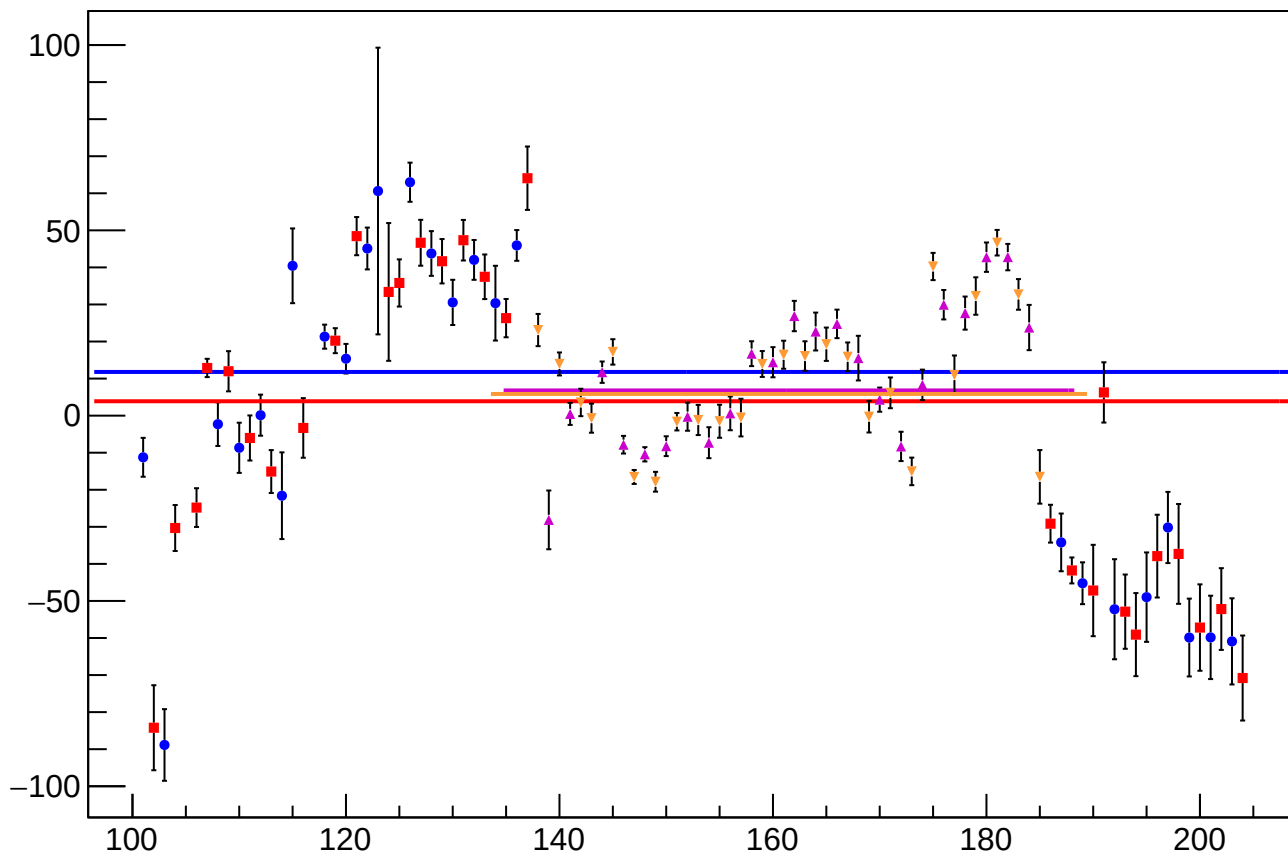
Left In: 190.753 ± 0.971 $\chi^2/\text{NDF}: 1421.8/22$

+ sign 197.624 ± 0.900 $\chi^2/\text{NDF}: 3461.3/32$

All: 205.215 ± 0.619 $\chi^2/\text{NDF}: 10973.6/66$

- sign 212.027 ± 0.853 $\chi^2/\text{NDF}: 7377.5/33$

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 11.793 ± 1.265 $\chi^2/\text{NDF}: 773.4/24$

Left Out: 5.851 ± 0.714 $\chi^2/\text{NDF}: 650.6/24$

Right Out: 3.883 ± 1.080 $\chi^2/\text{NDF}: 937.3/28$

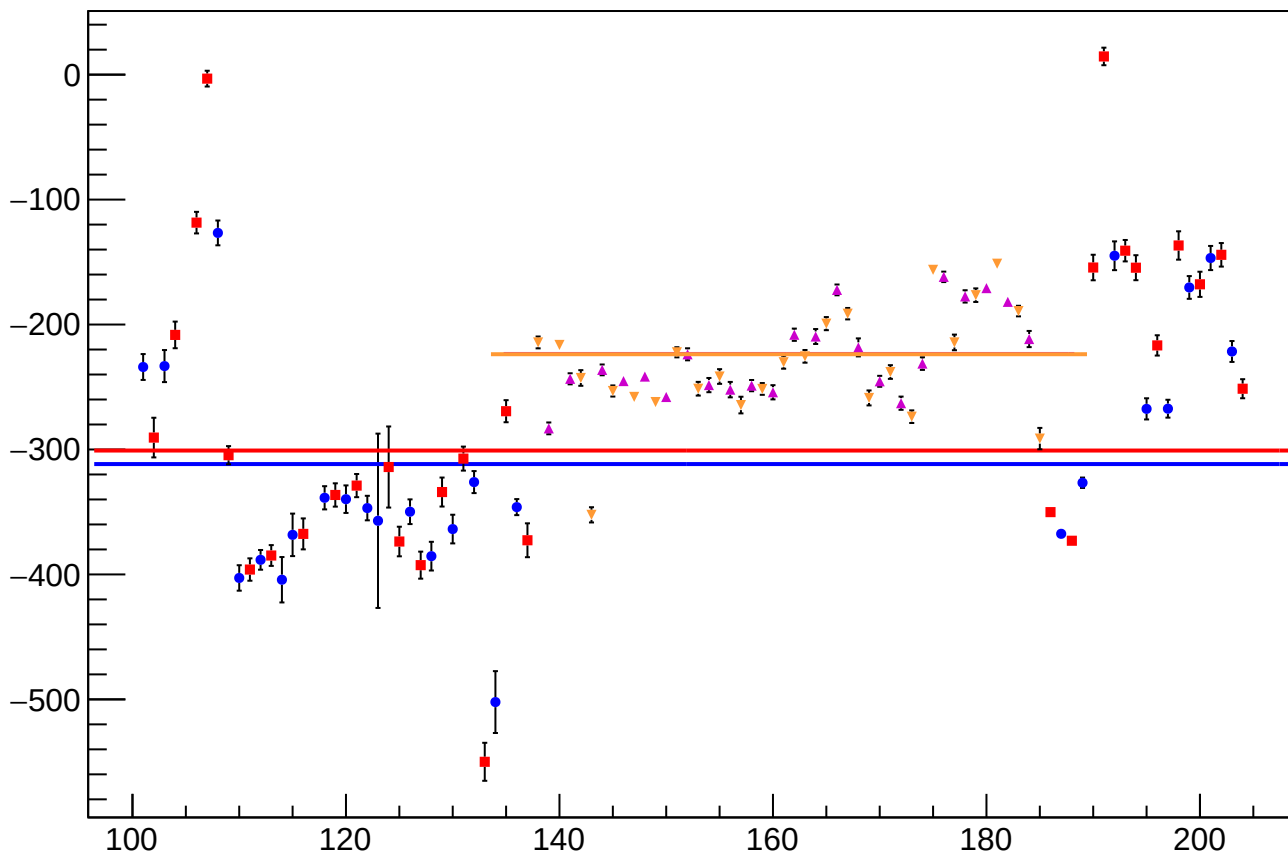
Left In: 6.797 ± 0.735 $\chi^2/\text{NDF}: 525.8/22$

+ sign 7.289 ± 0.622 $\chi^2/\text{NDF}: 1440.7/49$

All: 6.565 ± 0.435 $\chi^2/\text{NDF}: 2911.5/101$

- sign 5.876 ± 0.608 $\chi^2/\text{NDF}: 1468.2/51$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -311.671 ± 1.686 χ^2/NDF : 1982.0/24

Left Out: -223.752 ± 0.958 χ^2/NDF : 2021.5/24

Right Out: -300.843 ± 1.253 χ^2/NDF : 8539.3/28

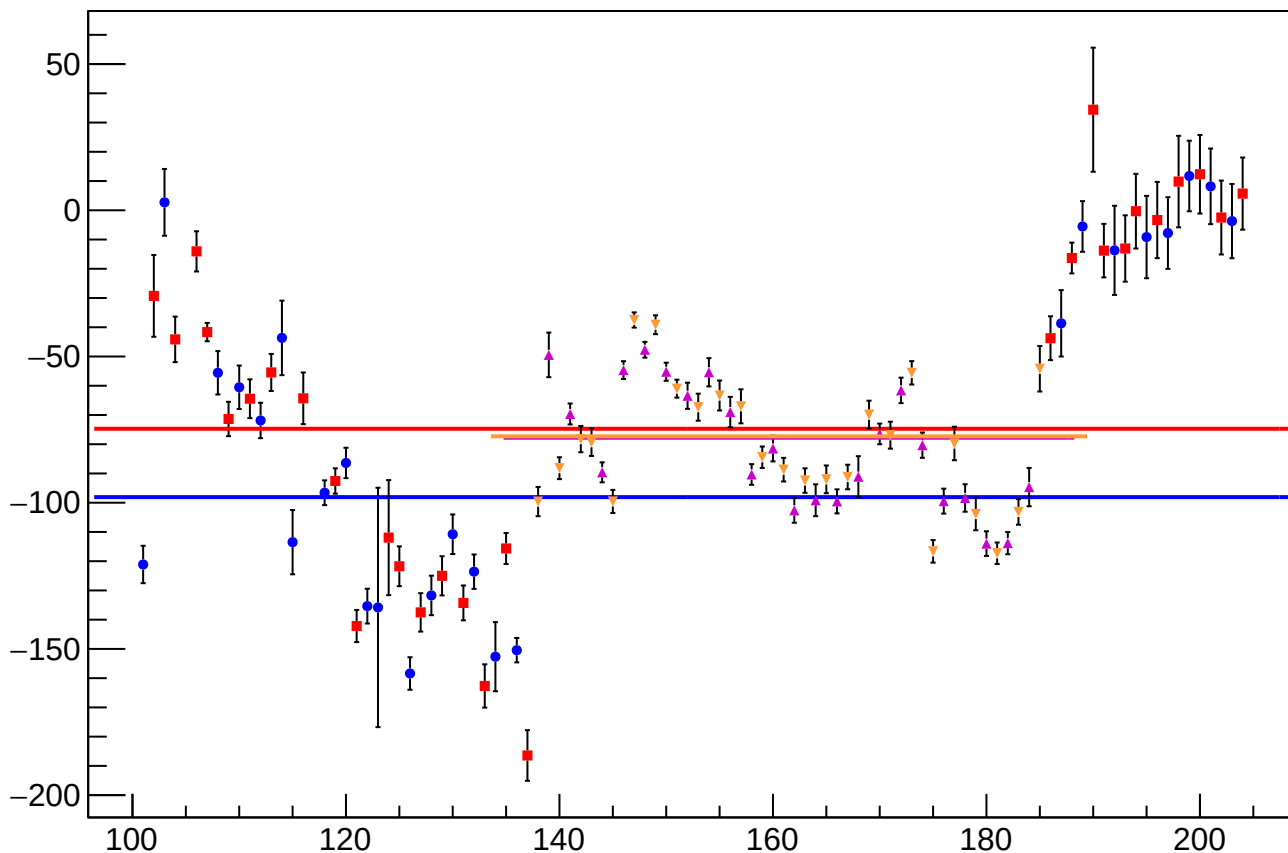
Left In: -223.554 ± 0.966 χ^2/NDF : 1286.5/22

+ sign -245.201 ± 0.833 χ^2/NDF : 6058.5/49

All: -249.081 ± 0.563 χ^2/NDF : 18311.5/101

- sign -252.352 ± 0.765 χ^2/NDF : 12213.0/51

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -98.094 ± 1.478 $\chi^2/\text{NDF}: 1049.8/24$

Left Out: -77.296 ± 0.829 $\chi^2/\text{NDF}: 844.6/24$

Right Out: -74.711 ± 1.296 $\chi^2/\text{NDF}: 1512.3/28$

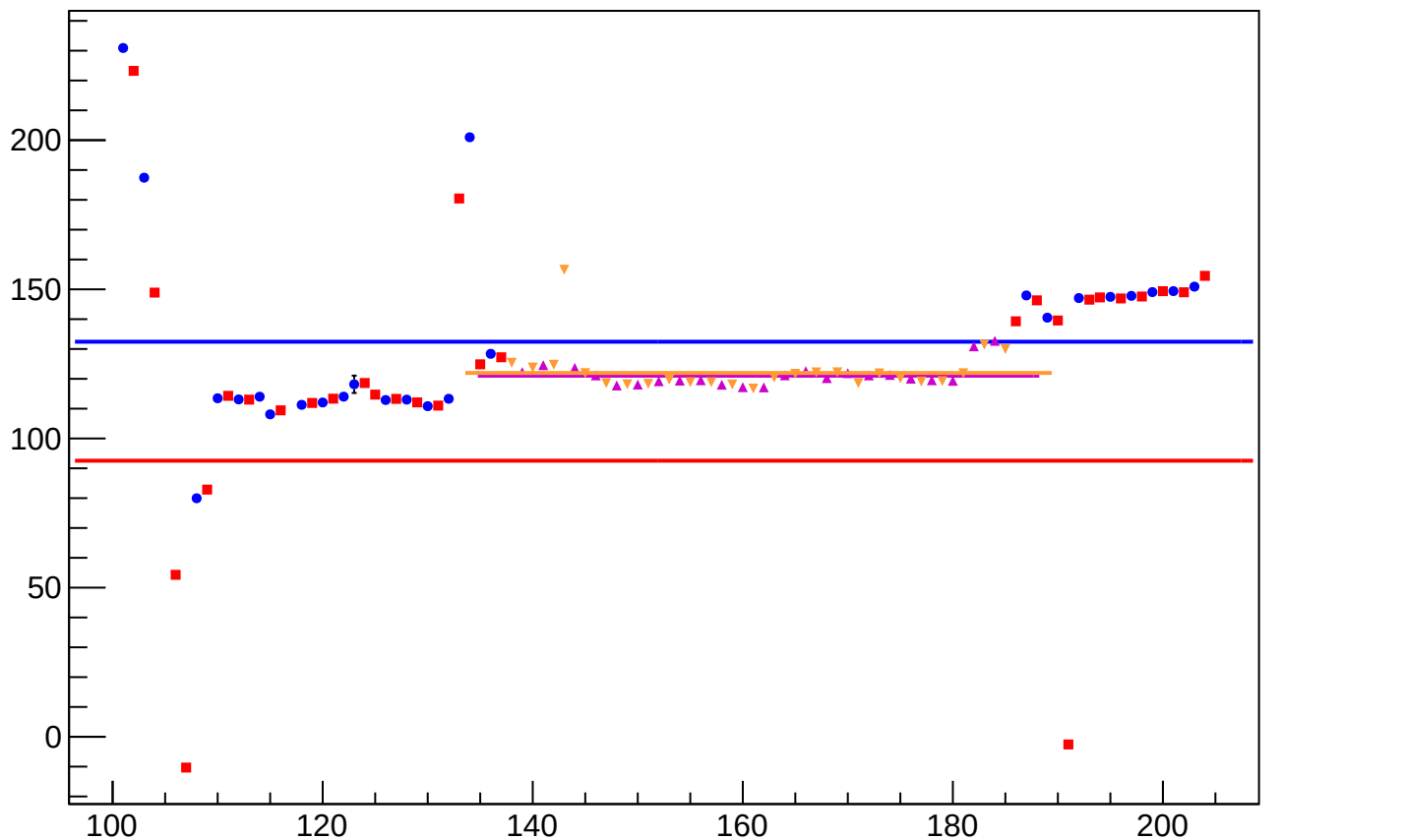
Left In: -77.777 ± 0.847 $\chi^2/\text{NDF}: 624.5/22$

+ sign -82.272 ± 0.723 $\chi^2/\text{NDF}: 2045.1/49$

All: -79.513 ± 0.506 $\chi^2/\text{NDF}: 4214.4/101$

- sign -76.860 ± 0.709 $\chi^2/\text{NDF}: 2140.7/51$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 132.434 $\pm$ 0.077 χ^2 /NDF: 201950.1/24

Left Out: 121.972 $\pm$ 0.039 χ^2 /NDF: 27431.1/24

Right Out: 92.549 $\pm$ 0.063 χ^2 /NDF: 1097641.9/28

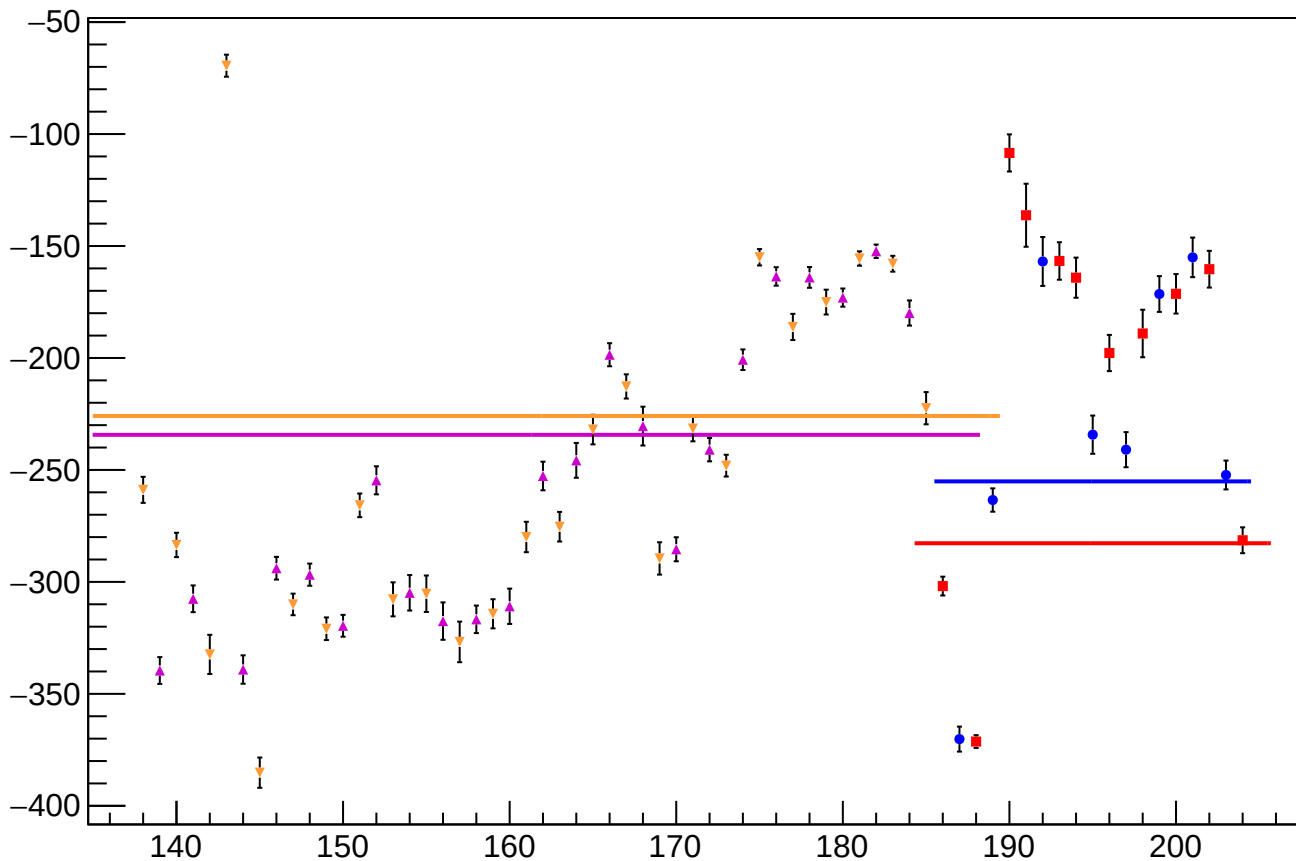
Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

+ sign 124.166 $\pm$ 0.035 χ^2 /NDF: 244094.3/49

All: 118.298 $\pm$ 0.024 χ^2 /NDF: 1550172.5/103

- sign 112.961 $\pm$ 0.033 χ^2 /NDF: 1252735.8/51

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -255.113+/-2.501 χ^2/NDF : 755.3/7

Left Out: -225.905+/-1.083 χ^2/NDF : 4669.2/24

Right Out: -282.736+/-1.803 χ^2/NDF : 2507.1/10

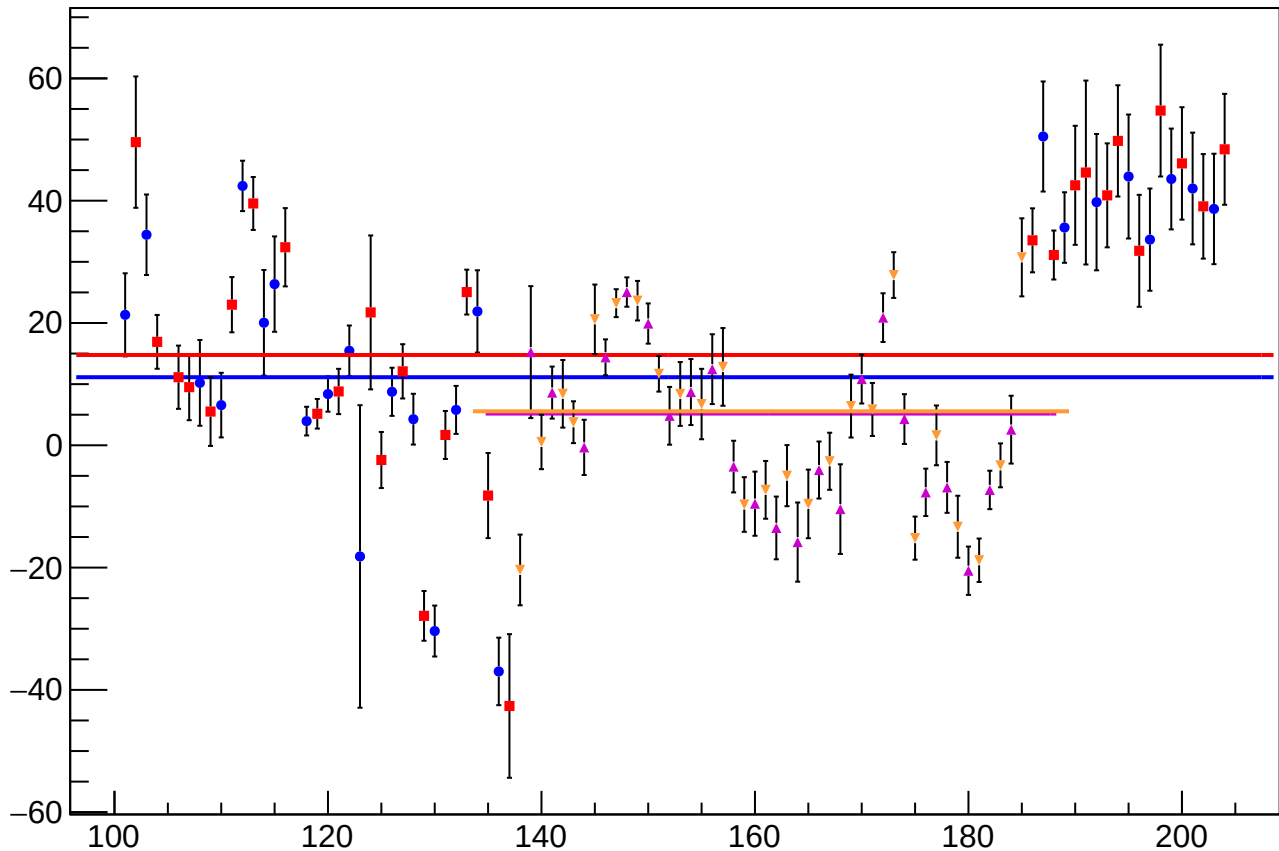
Left In: -234.328+/-1.104 χ^2/NDF : 3591.9/22

+ sign -230.520+/-0.994 χ^2/NDF : 5539.3/32

All: -239.487+/-0.684 χ^2/NDF : 12316.8/66

- sign -247.532+/-0.942 χ^2/NDF : 6623.2/33

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 11.133 ± 1.018 χ^2/NDF : 371.3/24

Left Out: 5.558 ± 0.832 χ^2/NDF : 313.4/24

Right Out: 14.768 ± 0.970 χ^2/NDF : 371.6/28

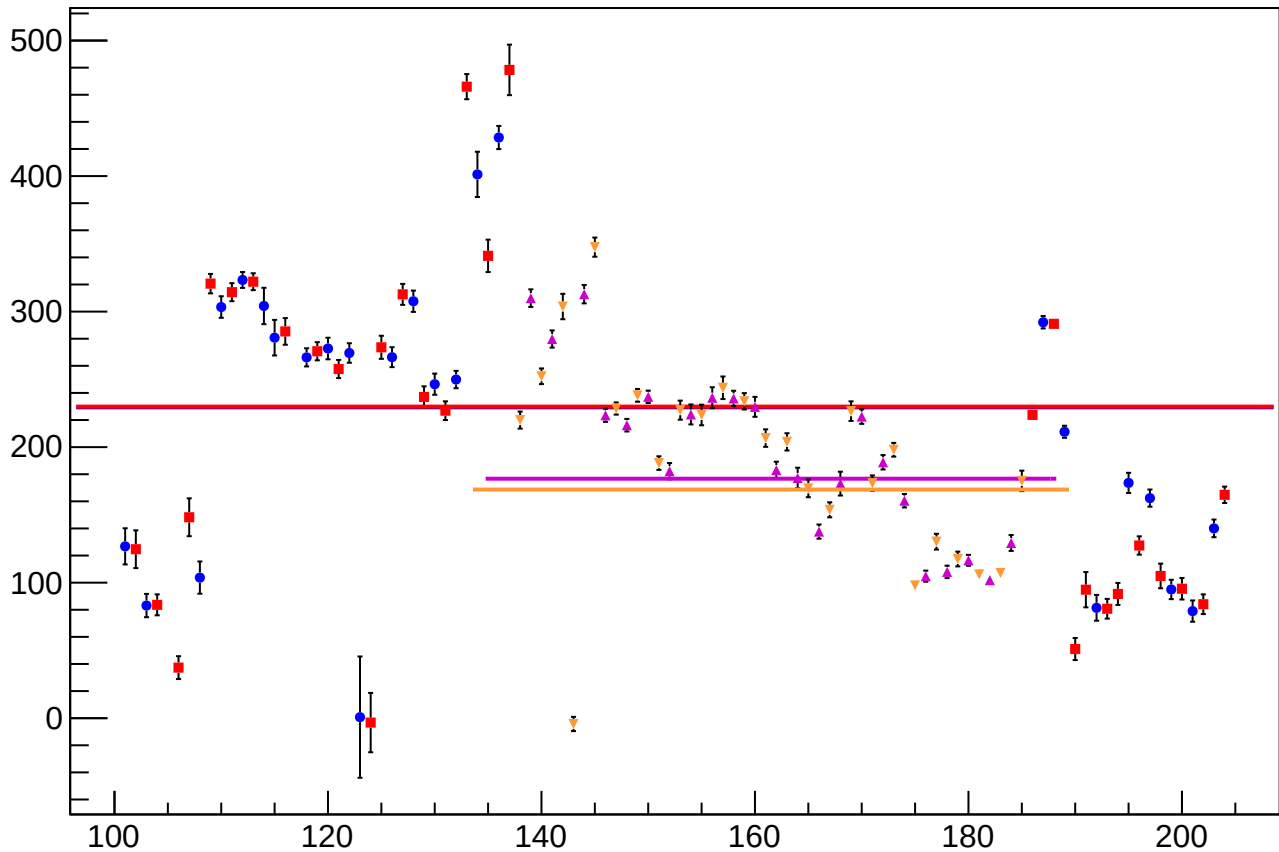
Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

+ sign 7.791 ± 0.644 χ^2/NDF : 702.7/49

All: 8.614 ± 0.456 χ^2/NDF : 1375.1/101

- sign 9.441 ± 0.646 χ^2/NDF : 669.1/51

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 229.381 ± 1.501 $\chi^2/\text{NDF}: 3275.4/24$

Left Out: 168.699 ± 1.086 $\chi^2/\text{NDF}: 4238.2/24$

Right Out: 229.893 ± 1.209 $\chi^2/\text{NDF}: 5995.3/28$

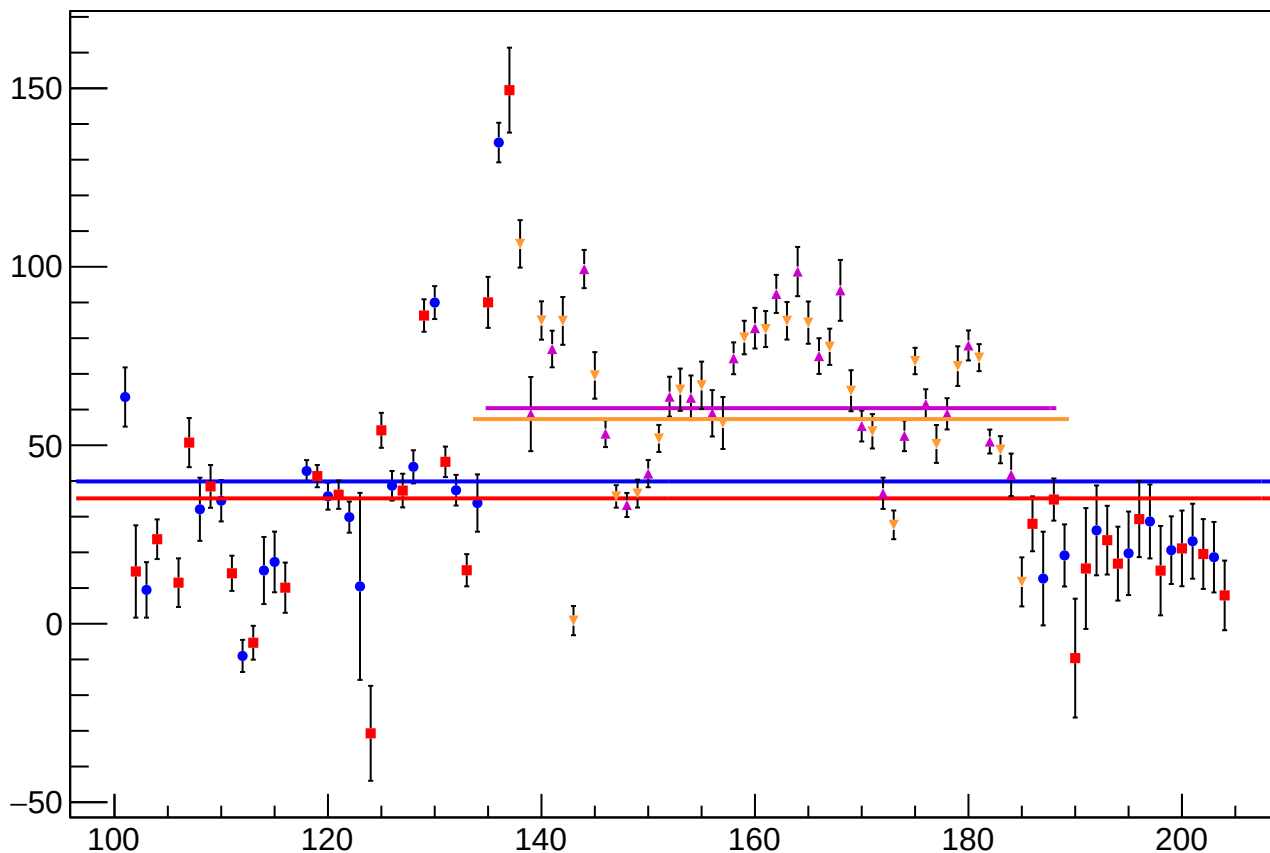
Left In: 176.711 ± 1.102 $\chi^2/\text{NDF}: 3234.3/22$

+ sign 189.568 ± 0.880 $\chi^2/\text{NDF}: 8586.5/49$

All: 195.634 ± 0.598 $\chi^2/\text{NDF}: 18960.9/101$

- sign 200.832 ± 0.815 $\chi^2/\text{NDF}: 10286.1/51$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 39.871 $\pm$ 1.189 χ^2/NDF : 605.1/24

Left Out: 57.343 $\pm$ 0.956 χ^2/NDF : 641.5/24

Right Out: 35.121 $\pm$ 1.139 χ^2/NDF : 504.7/28

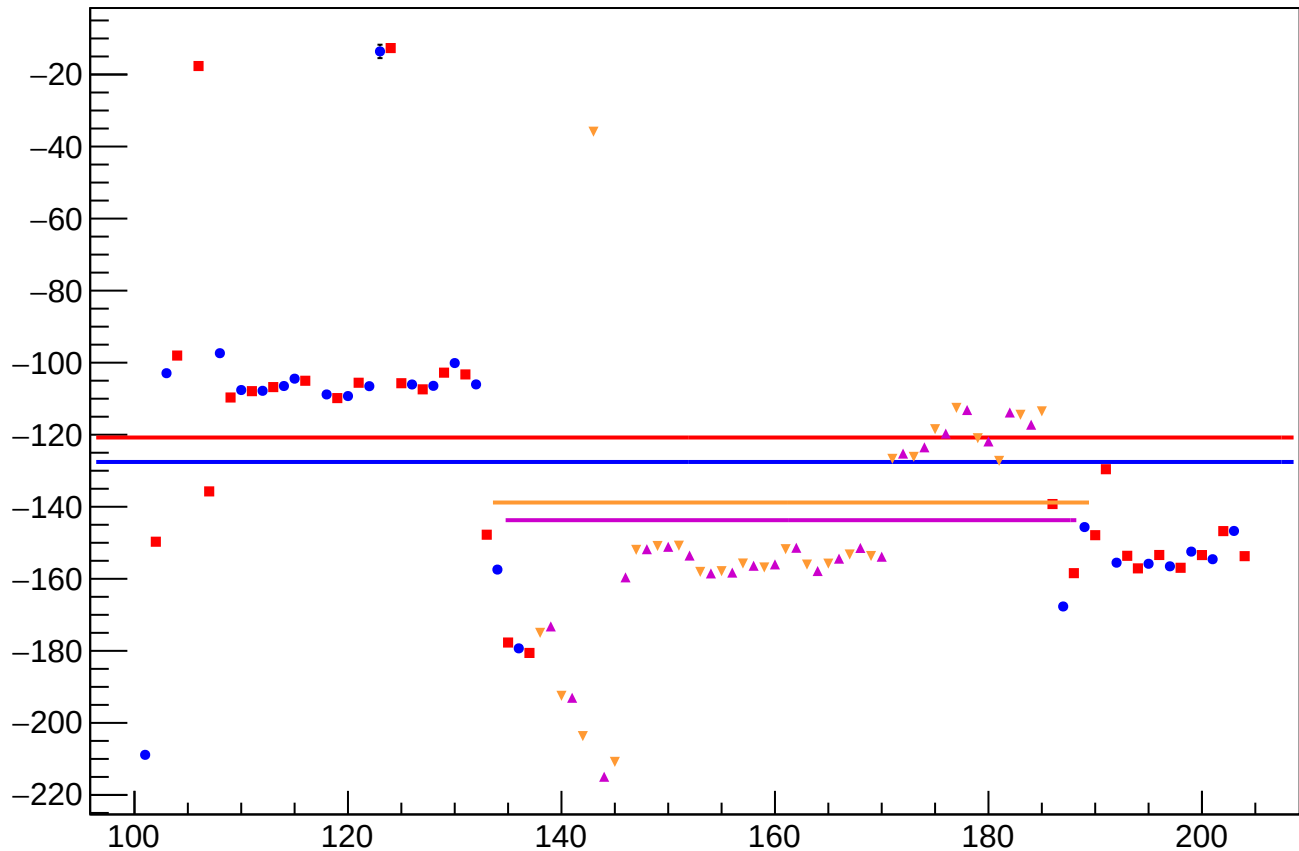
Left In: 60.392 $\pm$ 0.987 χ^2/NDF : 341.2/22

+ sign 50.484 $\pm$ 0.745 χ^2/NDF : 1377.6/49

All: 50.019 $\pm$ 0.527 χ^2/NDF : 2505.4/101

- sign 49.553 $\pm$ 0.746 χ^2/NDF : 1127.0/51

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -127.565 ± 0.066 χ^2/NDF : 201964.9/24

Left Out: -138.821 ± 0.045 χ^2/NDF : 525537.6/24

Right Out: -120.775 ± 0.060 χ^2/NDF : 454488.2/28

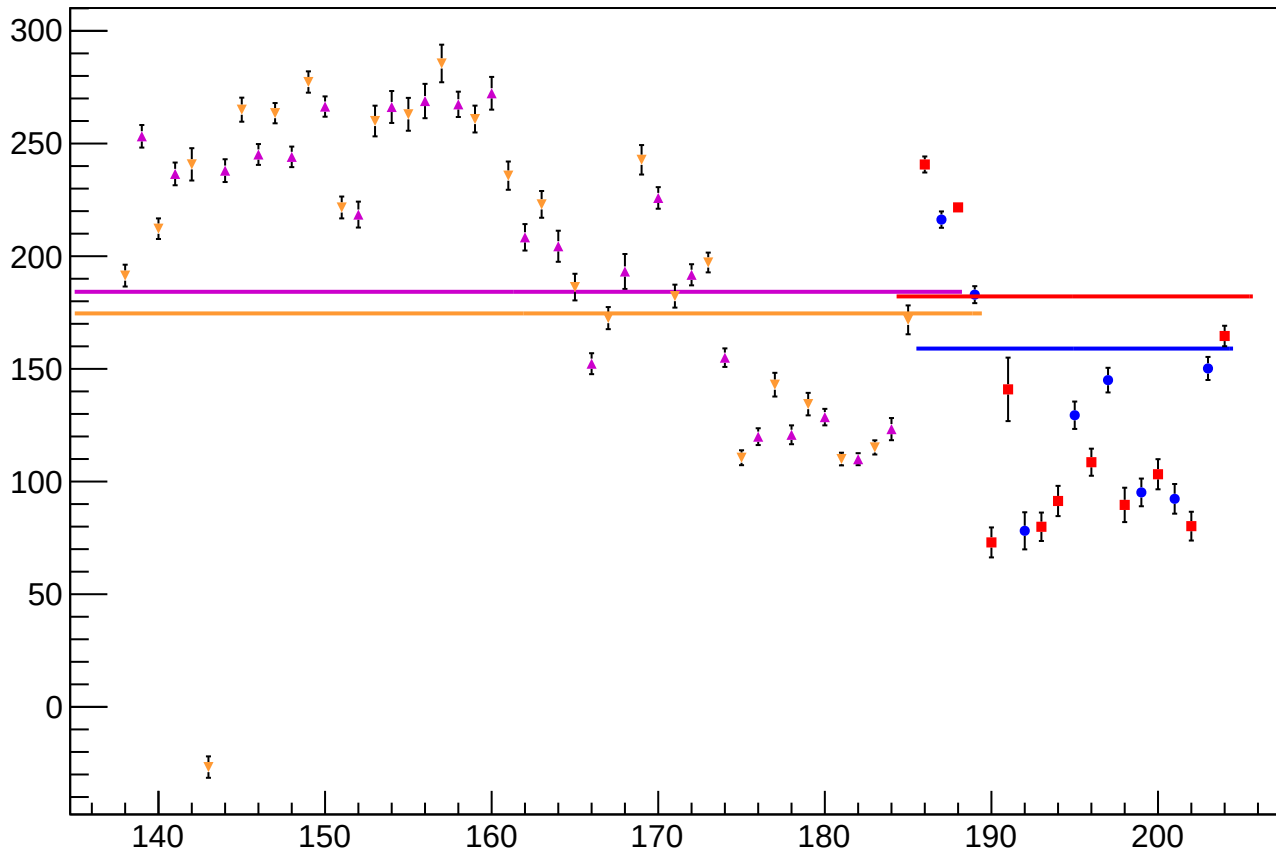
Left In: -143.726 ± 0.046 χ^2/NDF : 260994.5/22

+ sign -135.218 ± 0.037 χ^2/NDF : 747259.4/49

All: -135.215 ± 0.026 χ^2/NDF : 1555455.0/10

- sign -135.212 ± 0.036 χ^2/NDF : 808195.5/51

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 159.012 $\pm$ 1.798 χ^2 /NDF: 629.0/7

Left Out: 174.613 $\pm$ 0.969 χ^2 /NDF: 5551.3/24

Right Out: 182.155 $\pm$ 1.311 χ^2 /NDF: 2149.1/10

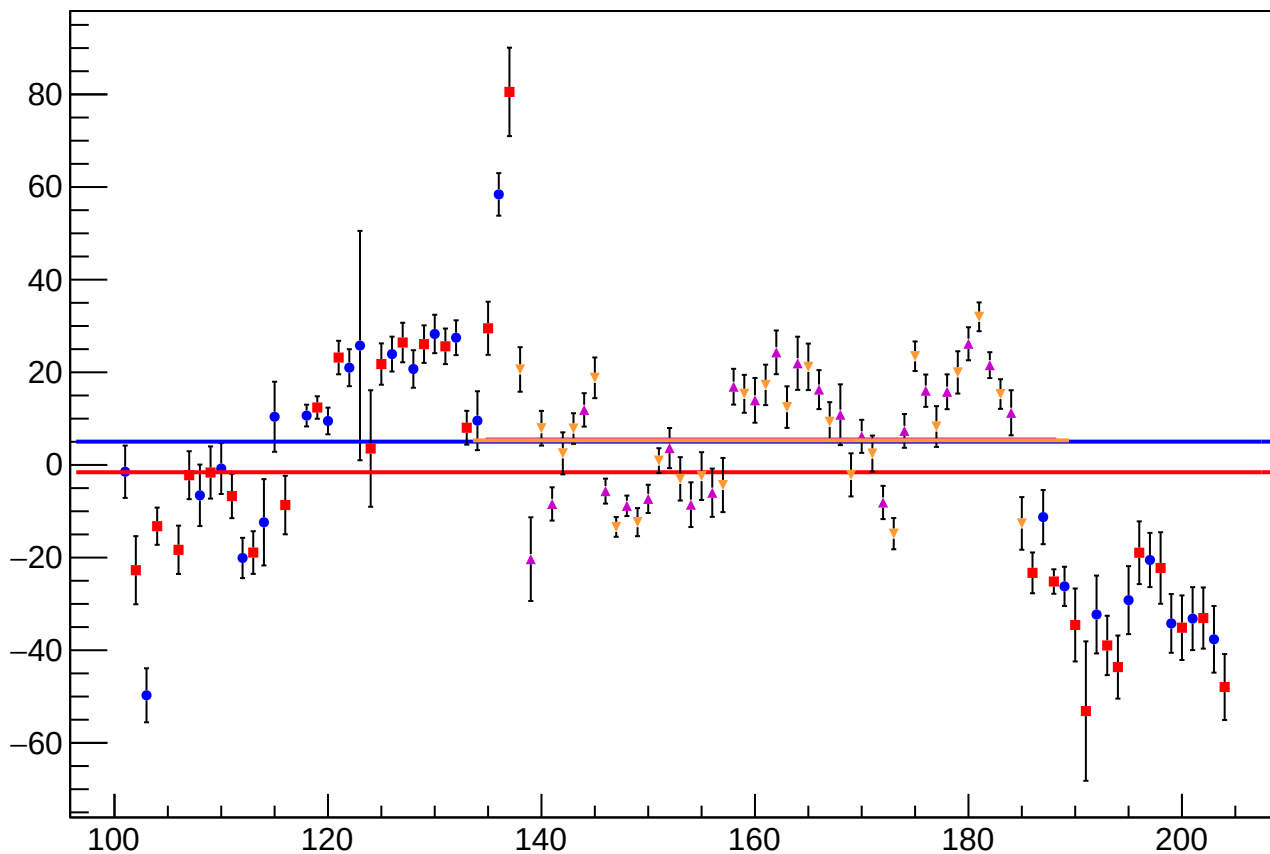
Left In: 184.205 $\pm$ 0.987 χ^2 /NDF: 3637.1/22

+ sign 171.102 $\pm$ 0.853 χ^2 /NDF: 6238.6/32

All: 177.768 $\pm$ 0.579 χ^2 /NDF: 12139.6/66

- sign 183.463 $\pm$ 0.788 χ^2 /NDF: 5787.7/33

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 5.034 ± 0.949 χ^2/NDF : 626.3/24

Left Out: 5.314 ± 0.750 χ^2/NDF : 345.1/24

Right Out: -1.575 ± 0.888 χ^2/NDF : 708.8/28

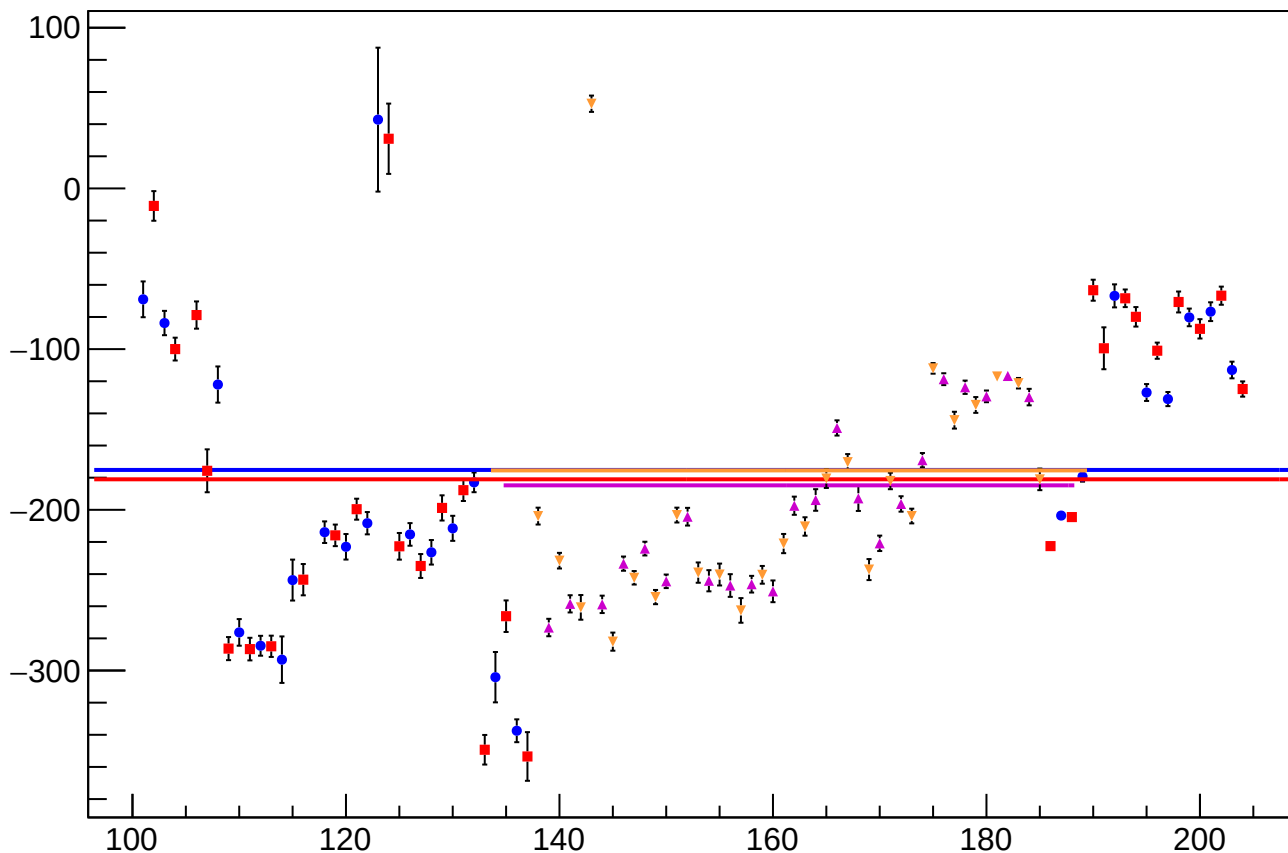
Left In: 5.483 ± 0.779 χ^2/NDF : 259.1/22

+ sign 5.206 ± 0.589 χ^2/NDF : 971.5/49

All: 3.803 ± 0.415 χ^2/NDF : 1986.4/101

- sign 2.414 ± 0.586 χ^2/NDF : 1003.6/51

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -175.181+/-1.223 χ^2/NDF : 2853.9/24

Left Out: -175.470+/-0.974 χ^2/NDF : 5103.8/24

Right Out: -181.016+/-0.956 χ^2/NDF : 4951.6/28

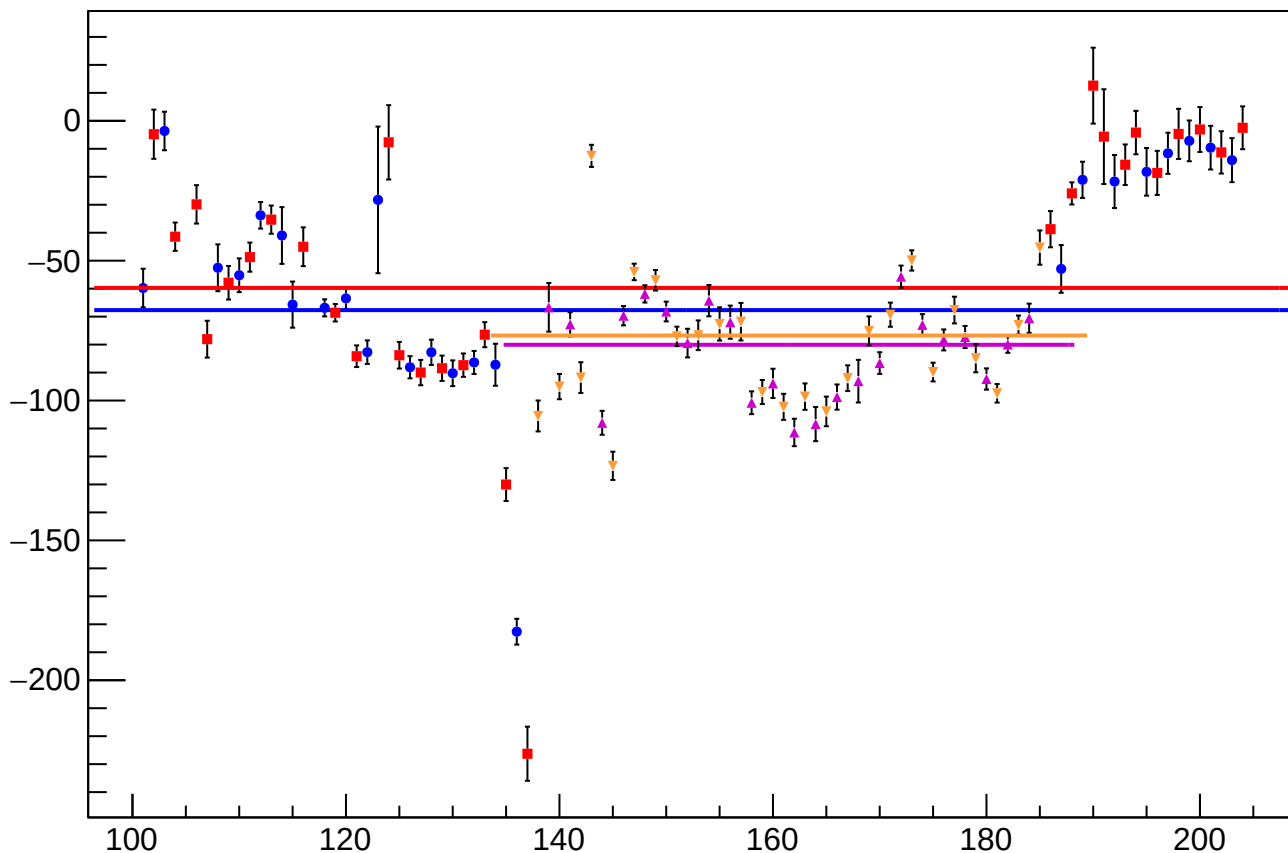
Left In: -184.774+/-0.987 χ^2/NDF : 3082.4/22

+ sign -175.358+/-0.762 χ^2/NDF : 7957.7/49

All: -179.484+/-0.510 χ^2/NDF : 16052.3/101

- sign -182.835+/-0.687 χ^2/NDF : 8041.5/51

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -67.676 $\pm$ 1.115 χ^2/NDF : 1220.8/24

Left Out: -76.747 $\pm$ 0.861 χ^2/NDF : 746.8/24

Right Out: -59.740 $\pm$ 1.057 χ^2/NDF : 1203.0/28

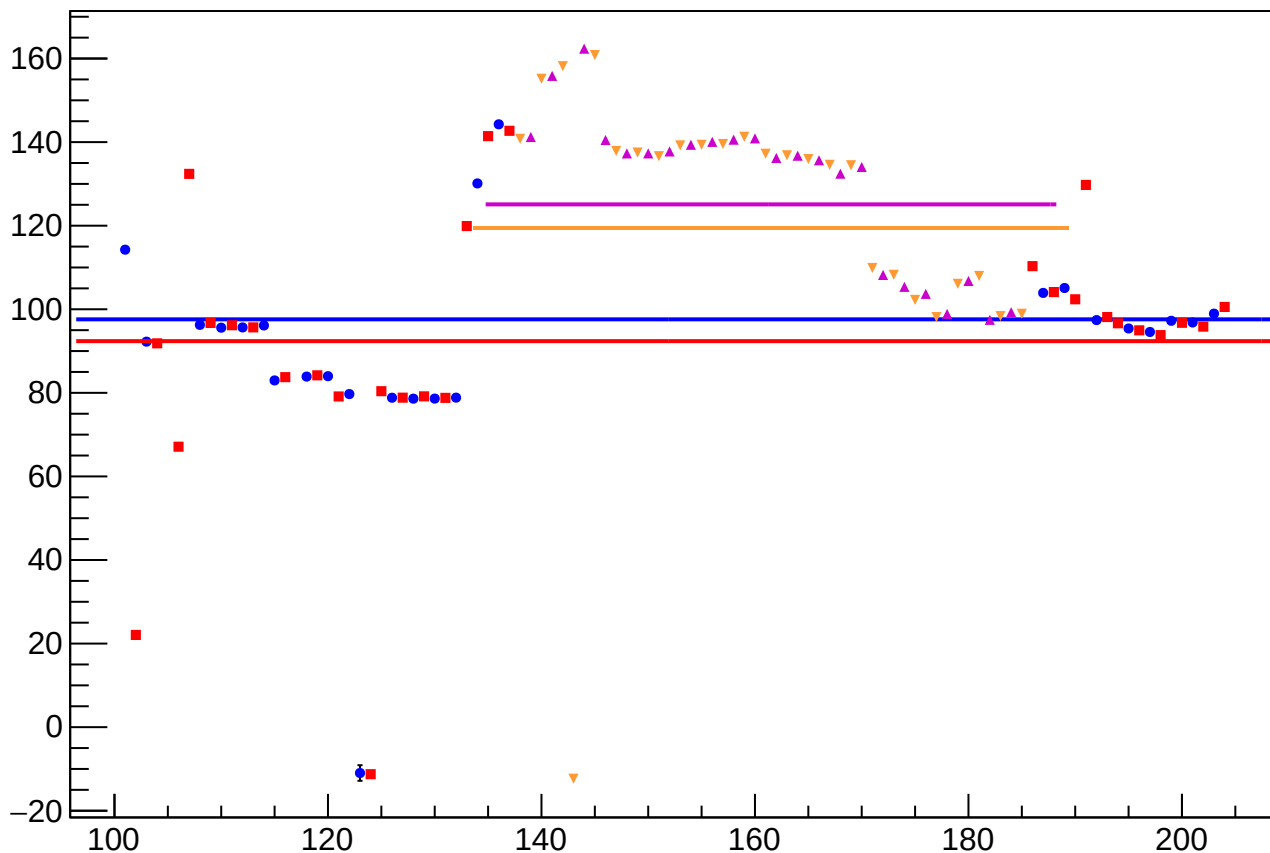
Left In: -80.068 $\pm$ 0.886 χ^2/NDF : 286.8/22

+ sign -73.359 $\pm$ 0.681 χ^2/NDF : 2009.1/49

All: -72.516 $\pm$ 0.481 χ^2/NDF : 3719.1/101

- sign -71.678 $\pm$ 0.679 χ^2/NDF : 1707.0/51

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.589 $\pm$ 0.058 χ^2 /NDF: 95562.9/24

Left Out: 119.448 $\pm$ 0.041 χ^2 /NDF: 660075.8/24

Right Out: 92.374 $\pm$ 0.052 χ^2 /NDF: 241413.0/28

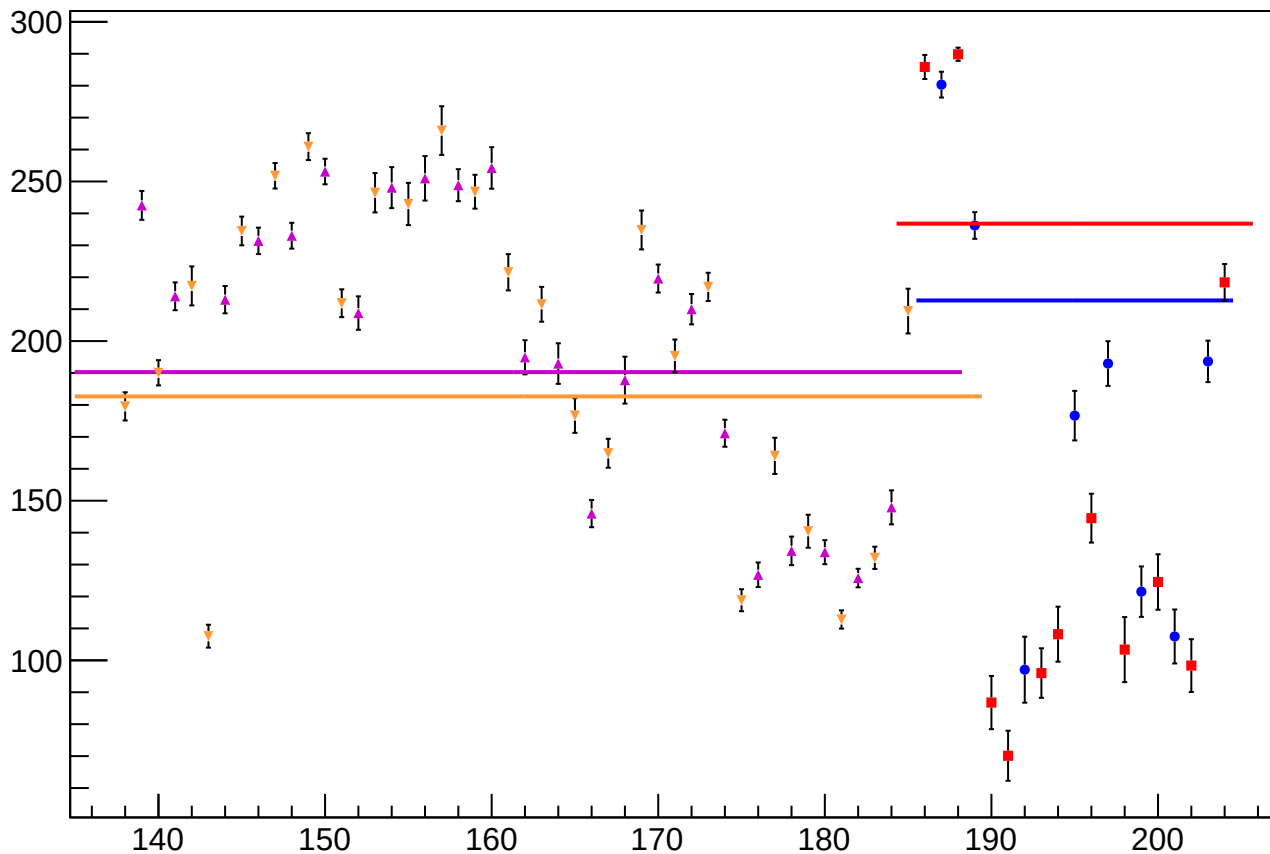
Left In: 125.101 $\pm$ 0.041 χ^2 /NDF: 222793.3/22

+ sign 112.217 $\pm$ 0.033 χ^2 /NDF: 851396.7/49

All: 112.360 $\pm$ 0.023 χ^2 /NDF: 1559900.4/103

- sign 112.495 $\pm$ 0.032 χ^2 /NDF: 708467.7/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 212.732 $\pm$ 2.139 χ^2 /NDF: 762.7/7

Left Out: 182.672 $\pm$ 0.919 χ^2 /NDF: 3230.7/24

Right Out: 236.784 $\pm$ 1.491 χ^2 /NDF: 2929.5/10

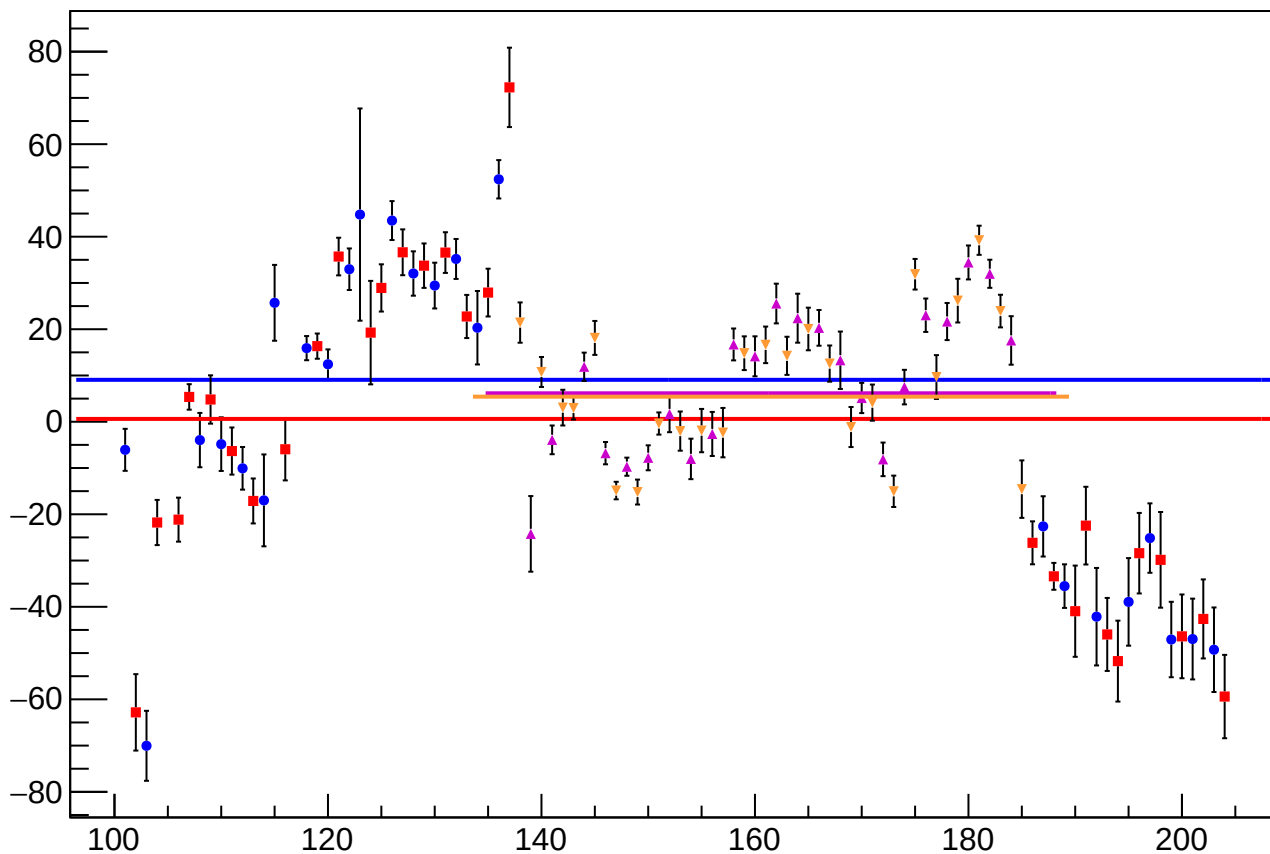
Left In: 190.279 $\pm$ 0.949 χ^2 /NDF: 2452.9/22

+ sign 187.353 $\pm$ 0.844 χ^2 /NDF: 4160.1/32

All: 195.951 $\pm$ 0.581 χ^2 /NDF: 10432.2/66

- sign 203.687 $\pm$ 0.801 χ^2 /NDF: 6074.9/33

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 9.063+/-1.050 χ^2/NDF : 765.7/24

Left Out: 5.425+/-0.693 χ^2/NDF : 525.2/24

Right Out: 0.613+/-0.943 χ^2/NDF : 932.7/28

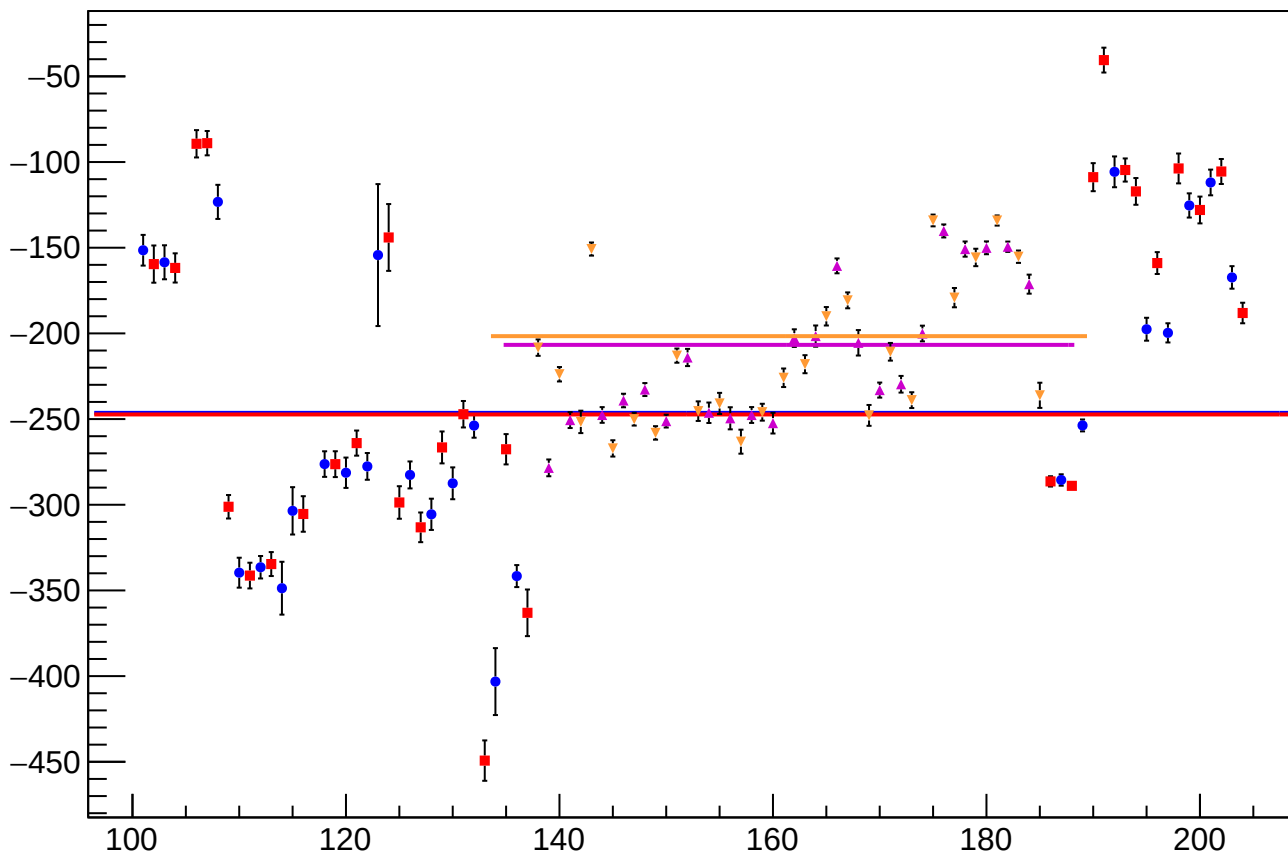
Left In: 6.151+/-0.730 χ^2/NDF : 410.6/22

+ sign 6.529+/-0.578 χ^2/NDF : 1299.2/49

All: 5.300+/-0.408 χ^2/NDF : 2673.1/101

- sign 4.075+/-0.577 χ^2/NDF : 1364.9/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -246.377 ± 1.396 χ^2/NDF : 2398.7/24

Left Out: -201.610 ± 0.922 χ^2/NDF : 2462.4/24

Right Out: -247.302 ± 1.060 χ^2/NDF : 5763.7/28

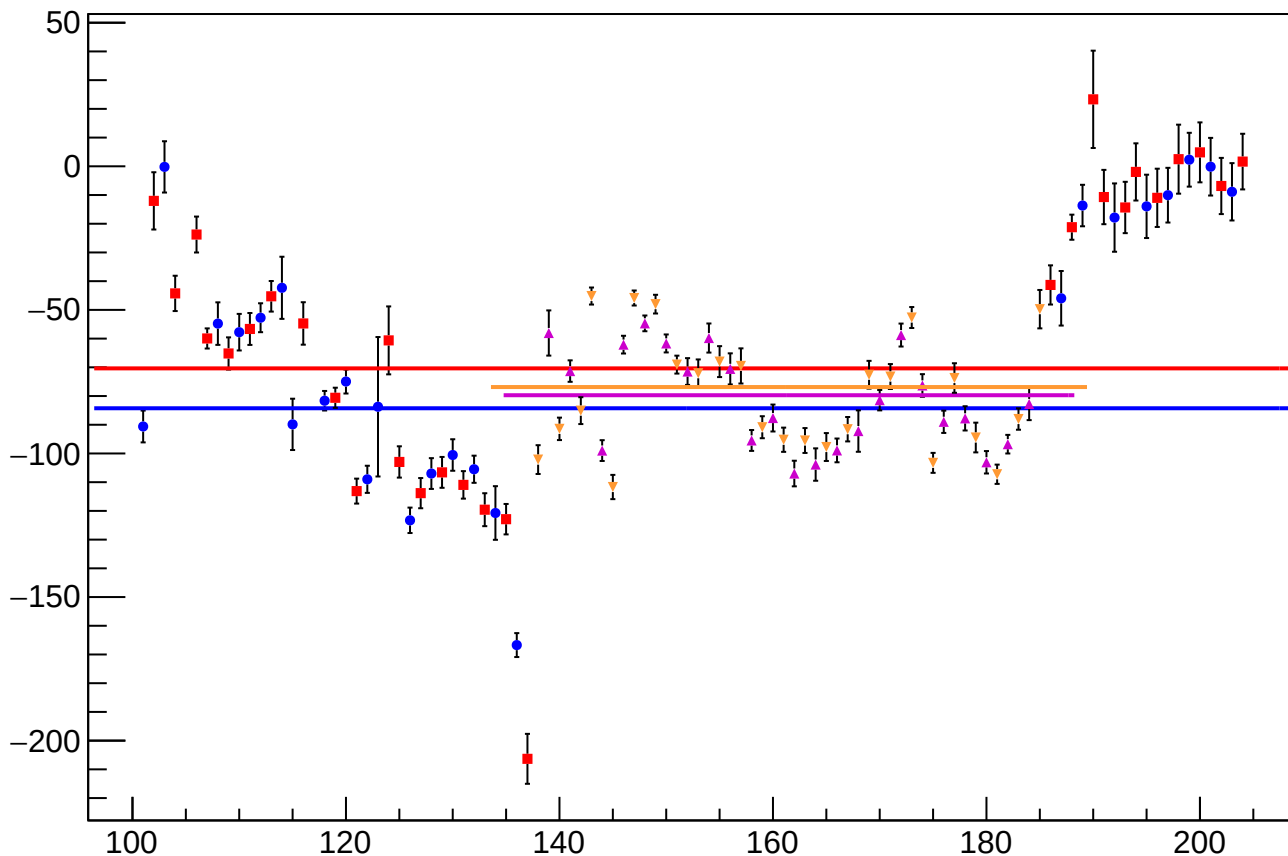
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ sign -215.221 ± 0.770 χ^2/NDF : 5577.2/49

All: -220.368 ± 0.520 χ^2/NDF : 14374.6/101

- sign -224.699 ± 0.706 χ^2/NDF : 8715.0/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -84.258 ± 1.231 χ^2/NDF : 1199.4/24

Left Out: -76.870 ± 0.802 χ^2/NDF : 758.7/24

Right Out: -70.369 ± 1.127 χ^2/NDF : 1415.9/28

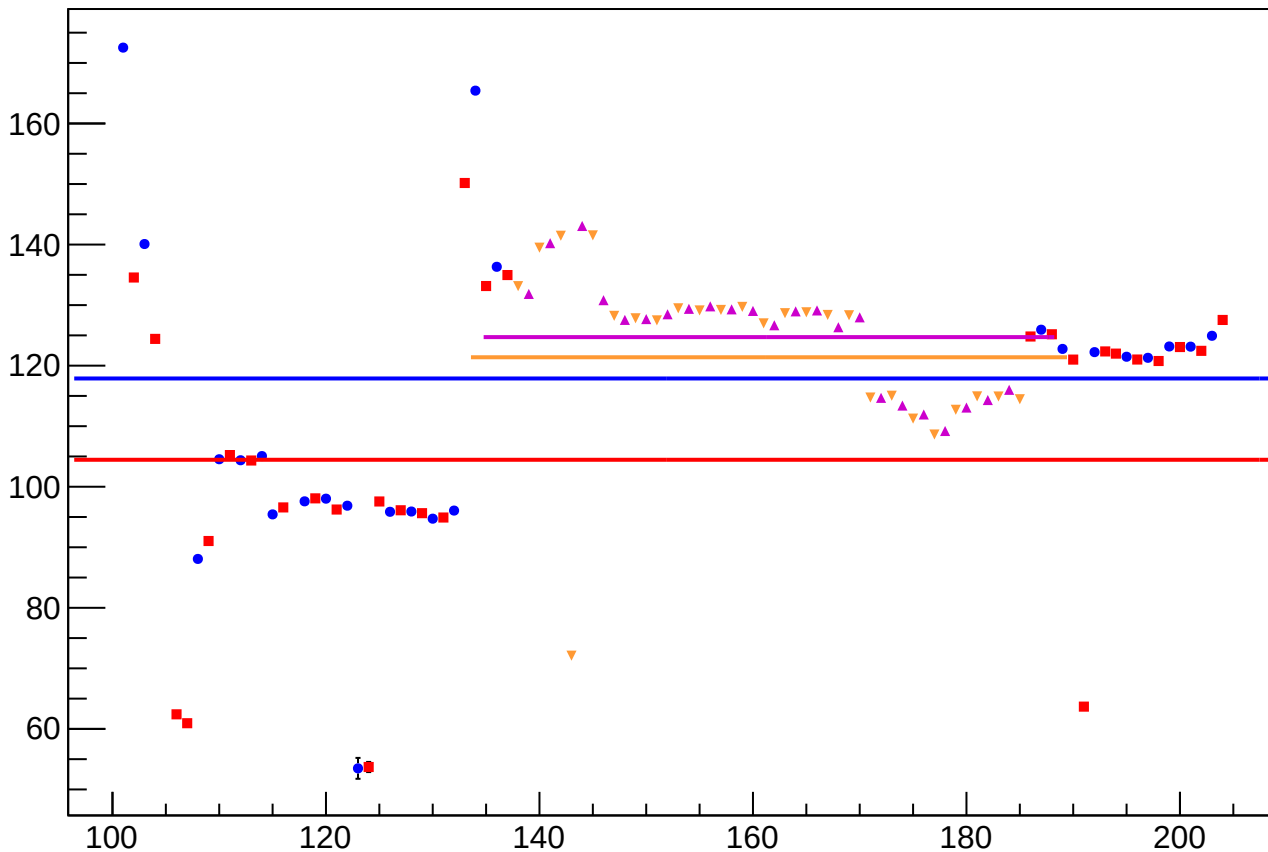
Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

+ sign -79.070 ± 0.672 χ^2/NDF : 1983.4/49

All: -77.731 ± 0.475 χ^2/NDF : 3866.7/101

- sign -76.391 ± 0.672 χ^2/NDF : 1875.4/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 117.882 $\pm$ 0.065 χ^2 /NDF: 109040.0/24

Left Out: 121.385 $\pm$ 0.038 χ^2 /NDF: 164871.1/24

Right Out: 104.453 $\pm$ 0.056 χ^2 /NDF: 236007.3/28

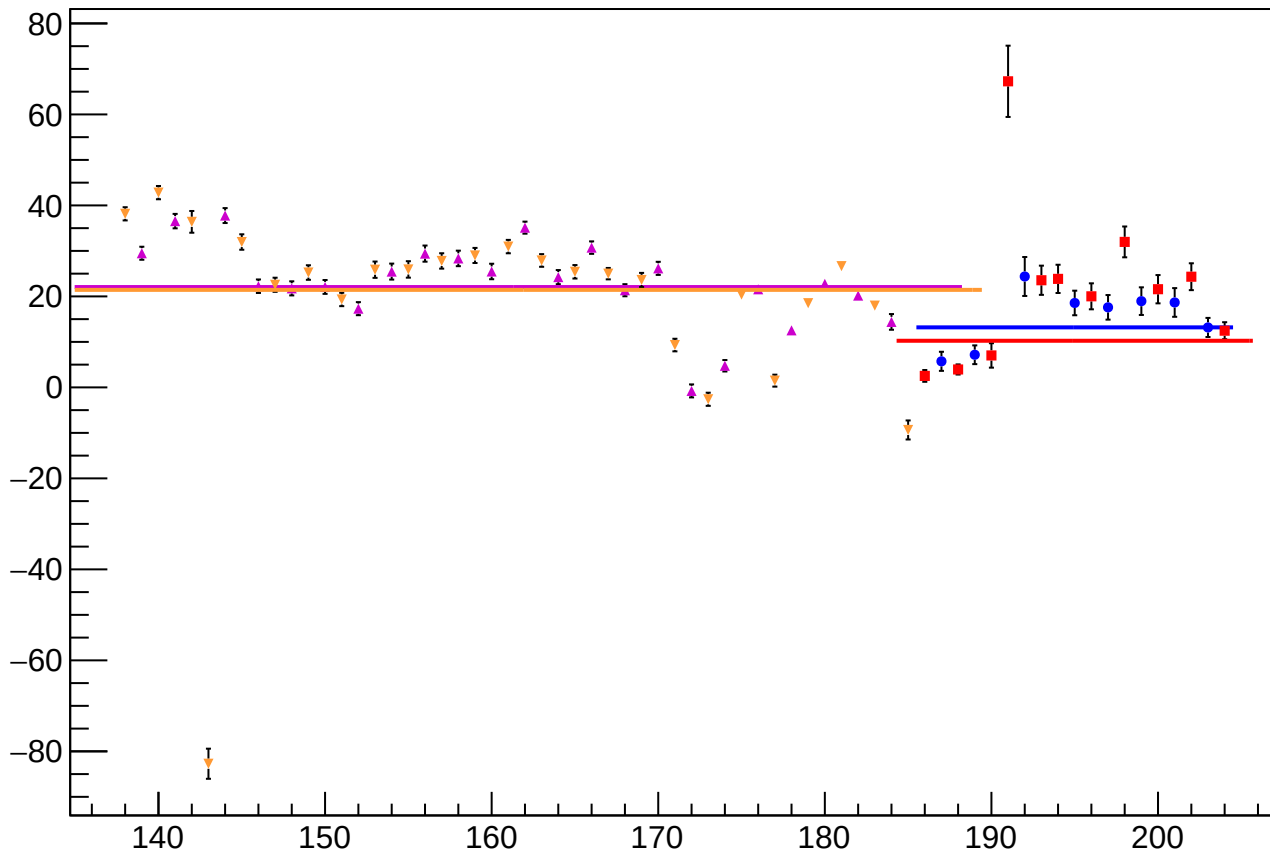
Left In: 124.714 $\pm$ 0.039 χ^2 /NDF: 51750.7/22

+ sign 120.488 $\pm$ 0.033 χ^2 /NDF: 276059.2/49

All: 119.204 $\pm$ 0.023 χ^2 /NDF: 655832.2/101

- sign 118.000 $\pm$ 0.032 χ^2 /NDF: 376838.9/51

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 13.194 $\pm$ 0.903 χ^2 /NDF: 41.2/7

Left Out: 21.435 $\pm$ 0.283 χ^2 /NDF: 2406.2/24

Right Out: 10.249 $\pm$ 0.636 χ^2 /NDF: 248.8/10

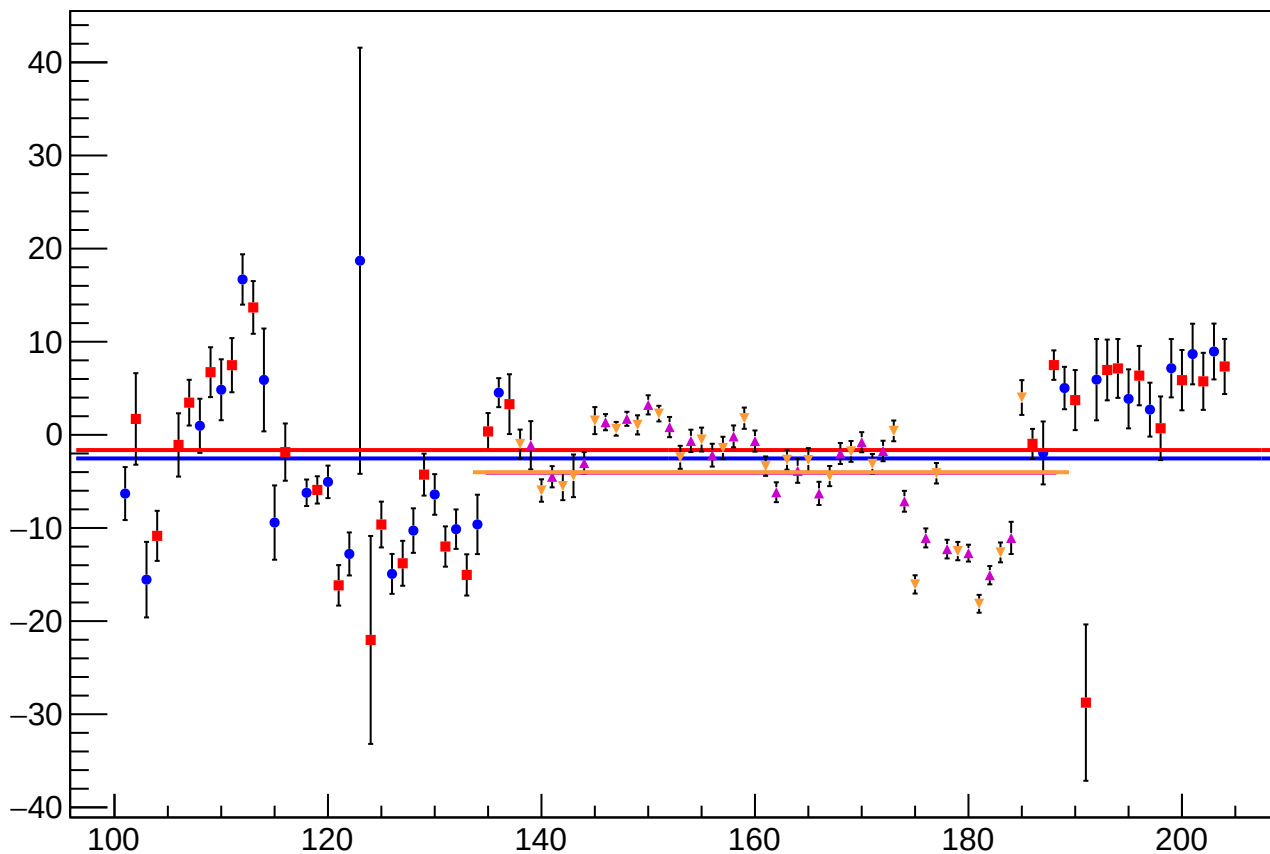
Left In: 22.055 $\pm$ 0.284 χ^2 /NDF: 941.3/22

+ sign 20.699 $\pm$ 0.270 χ^2 /NDF: 2523.4/32

All: 20.382 $\pm$ 0.187 χ^2 /NDF: 4003.4/66

- sign 20.088 $\pm$ 0.259 χ^2 /NDF: 1477.4/33

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -2.534 ± 0.511 χ^2/NDF : 247.5/24

Left Out: -4.015 ± 0.223 χ^2/NDF : 731.7/24

Right Out: -1.633 ± 0.471 χ^2/NDF : 310.8/28

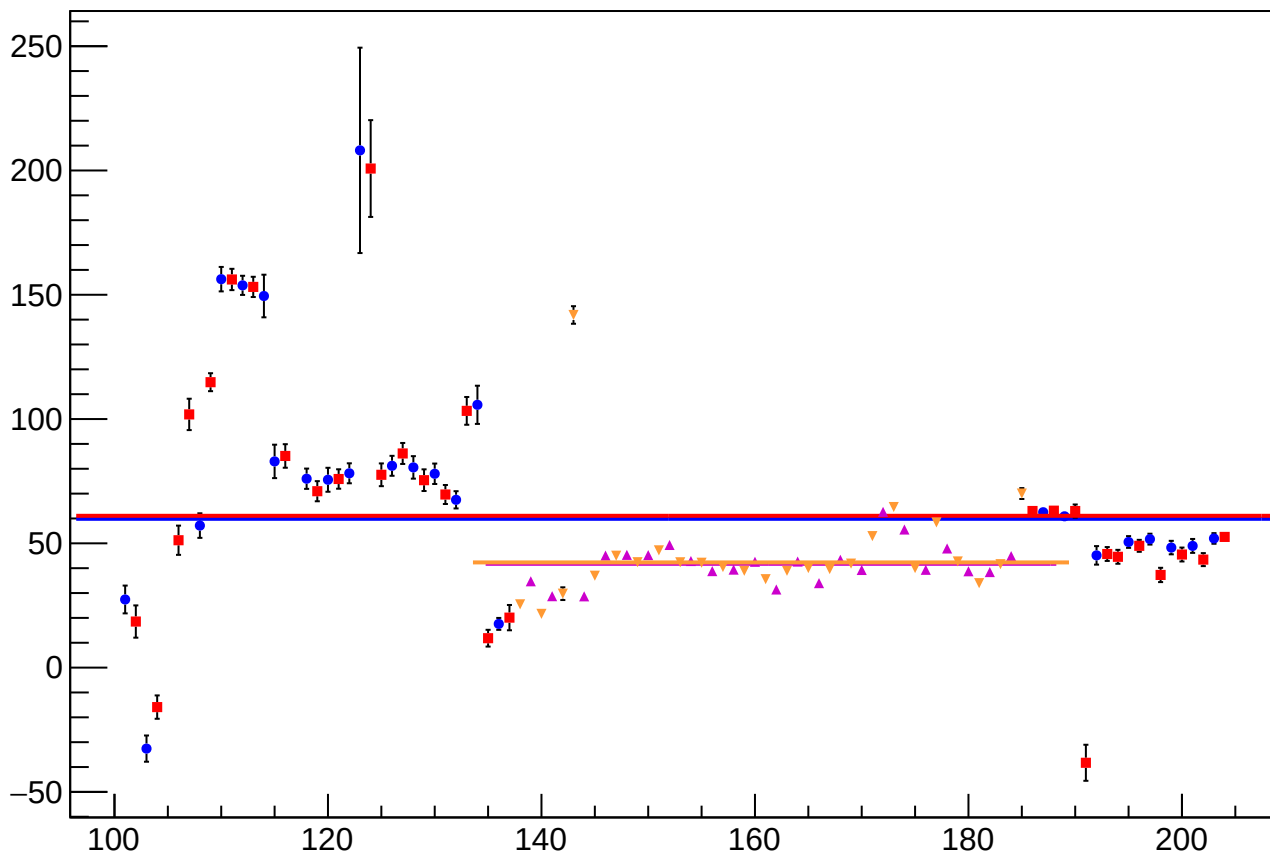
Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

+ sign -3.777 ± 0.205 χ^2/NDF : 986.2/49

All: -3.693 ± 0.145 χ^2/NDF : 1899.1/101

- sign -3.609 ± 0.205 χ^2/NDF : 912.6/51

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 59.866 $\pm$ 0.638 χ^2 /NDF: 2015.4/24

Left Out: 42.322 $\pm$ 0.282 χ^2 /NDF:1855.5/24

Right Out: 61.076 $\pm$ 0.483 χ^2 /NDF: 2528.8/28

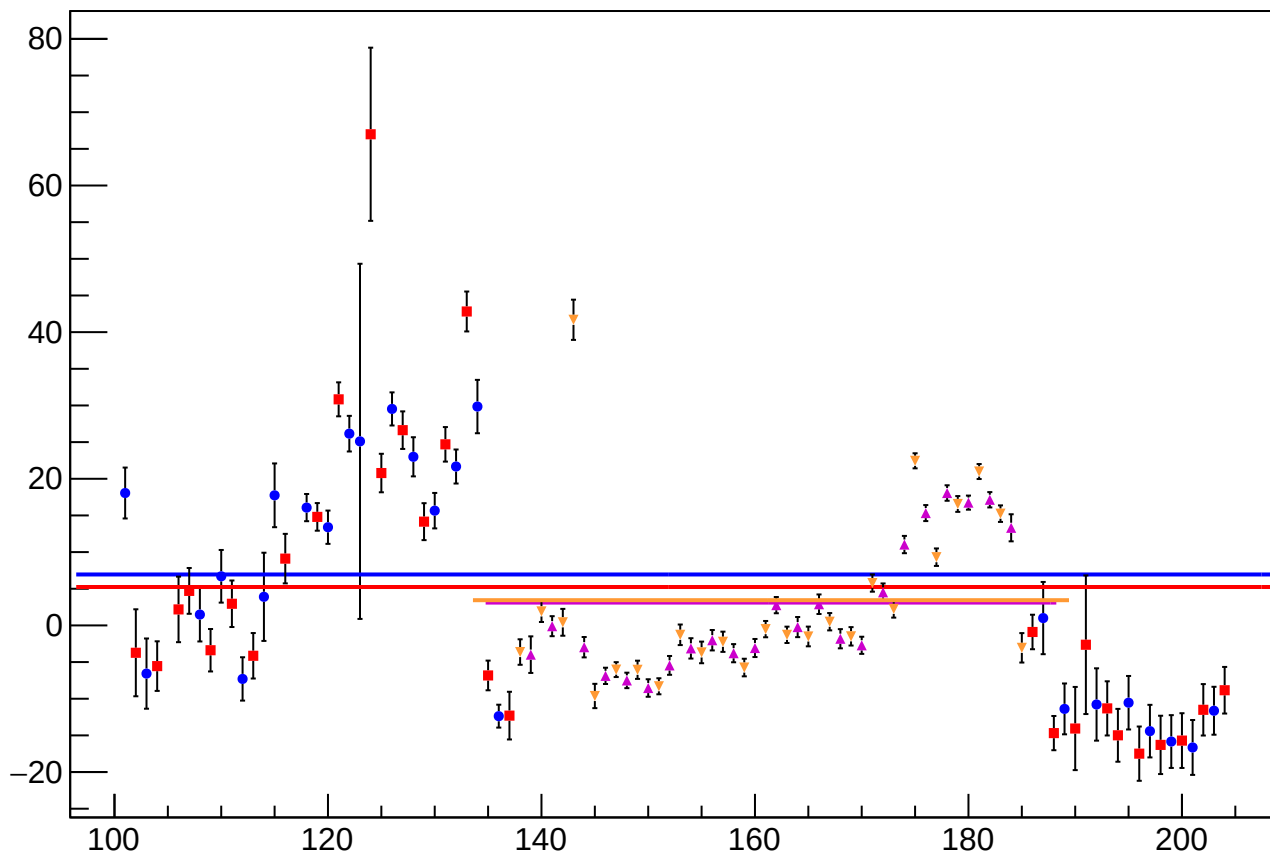
Left In: 41.755 $\pm$ 0.283 χ^2 /NDF:659.6/22

+ sign 45.193 $\pm$ 0.258 χ^2 /NDF: 4503.9/49

All: 45.983 $\pm$ 0.177 χ^2 /NDF: 8901.0/101

- sign 46.692 $\pm$ 0.244 χ^2 /NDF: 4379.3/51

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 6.948 ± 0.590 χ^2/NDF : 740.4/24

Left Out: 3.439 ± 0.252 χ^2/NDF : 1647.7/24

Right Out: 5.239 ± 0.558 χ^2/NDF : 933.1/28

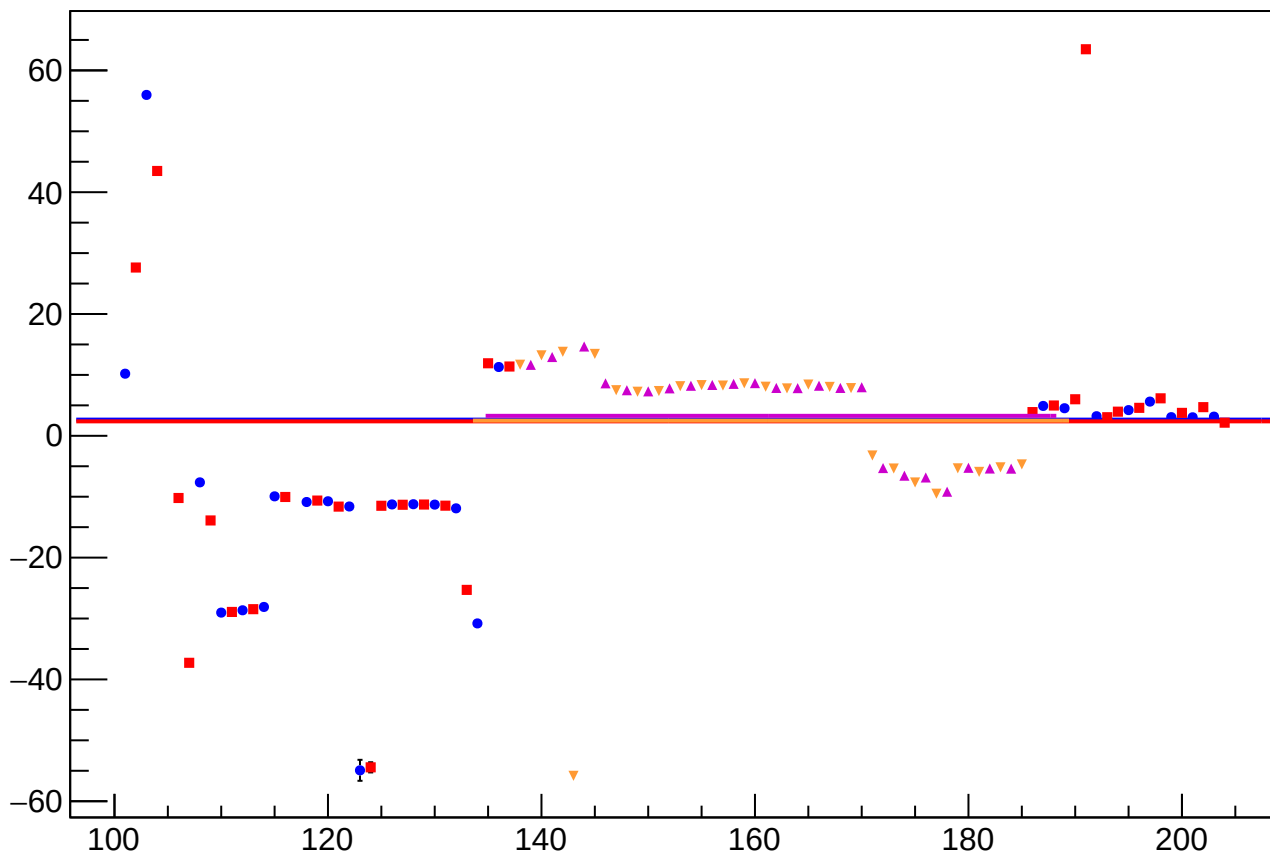
Left In: 3.114 ± 0.256 χ^2/NDF : 1273.1/22

+ sign 3.982 ± 0.232 χ^2/NDF : 2417.9/49

All: 3.734 ± 0.164 χ^2/NDF : 4638.3/101

- sign 3.484 ± 0.233 χ^2/NDF : 2218.1/51

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 2.659 $\pm$ 0.028 χ^2 /NDF: 360996.9/24

Left Out: 2.497 $\pm$ 0.012 χ^2 /NDF: 588138.5/24

Right Out: 2.373 $\pm$ 0.026 χ^2 /NDF: 425964.9/28

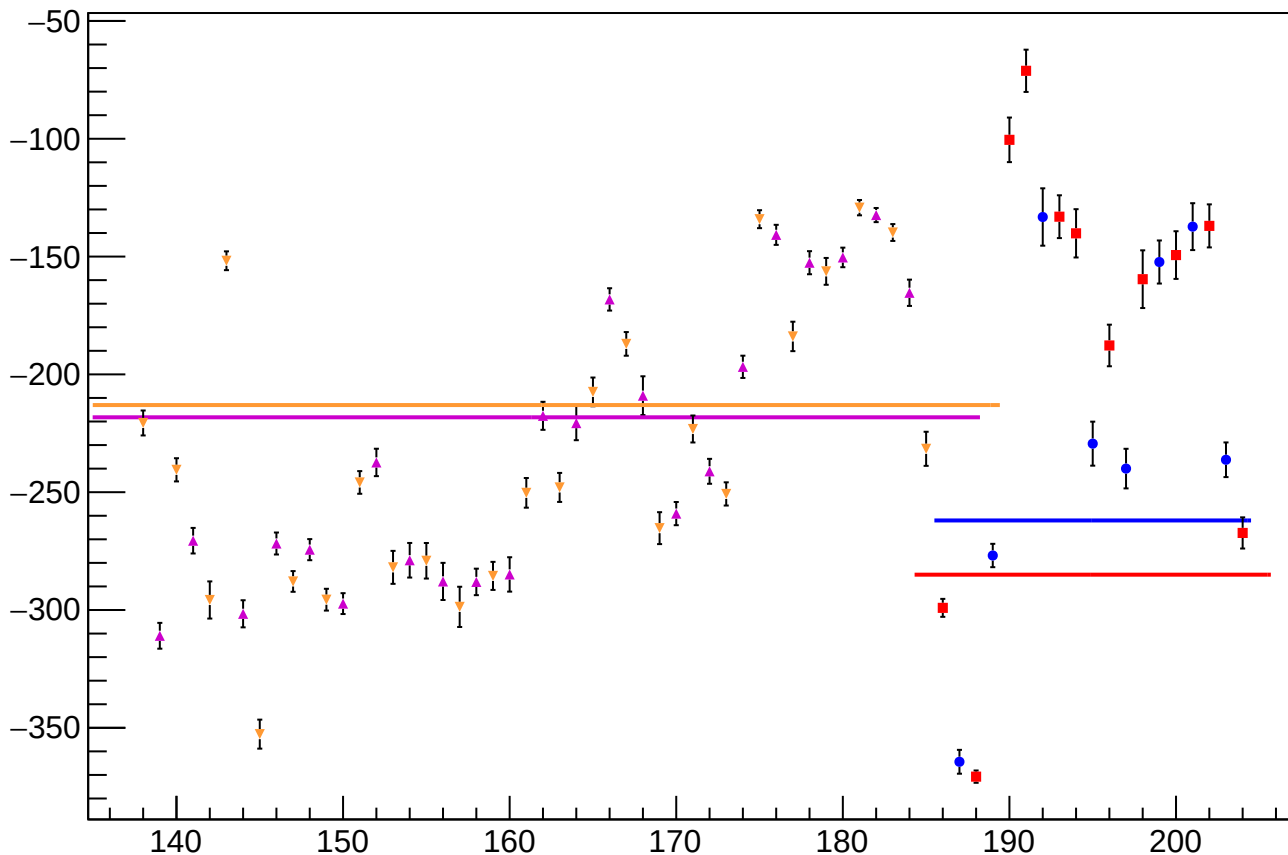
Left In: 3.281 $\pm$ 0.012 χ^2 /NDF: 409605.3/22

+ sign 2.520 $\pm$ 0.011 χ^2 /NDF: 949163.4/49

All: 2.830 $\pm$ 0.008 χ^2 /NDF: 1787383.0/101

- sign 3.134 $\pm$ 0.011 χ^2 /NDF: 836562.1/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -261.994 ± 2.559 χ^2/NDF : 862.8/7

Left Out: -213.020 ± 1.035 χ^2/NDF : 3826.2/24

Right Out: -285.006 ± 1.755 χ^2/NDF : 3195.2/10

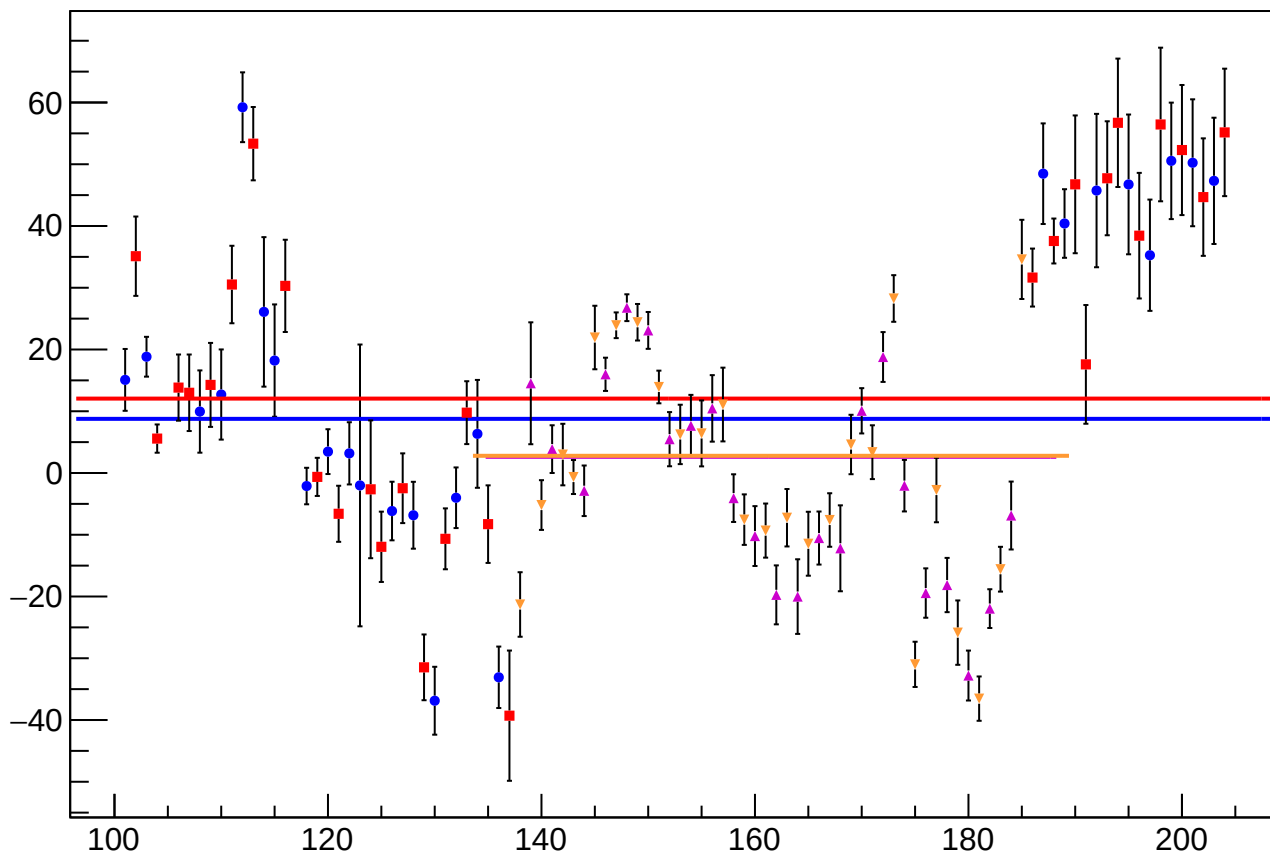
Left In: -218.216 ± 1.063 χ^2/NDF : 3499.0/22

+ sign -219.910 ± 0.960 χ^2/NDF : 5003.8/32

All: -228.467 ± 0.660 χ^2/NDF : 12908.7/66

- sign -236.144 ± 0.909 χ^2/NDF : 7754.2/33

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 8.769 ± 1.139 χ^2/NDF : 411.5/24

Left Out: 2.786 ± 0.780 χ^2/NDF : 582.0/24

Right Out: 12.050 ± 1.027 χ^2/NDF : 439.7/28

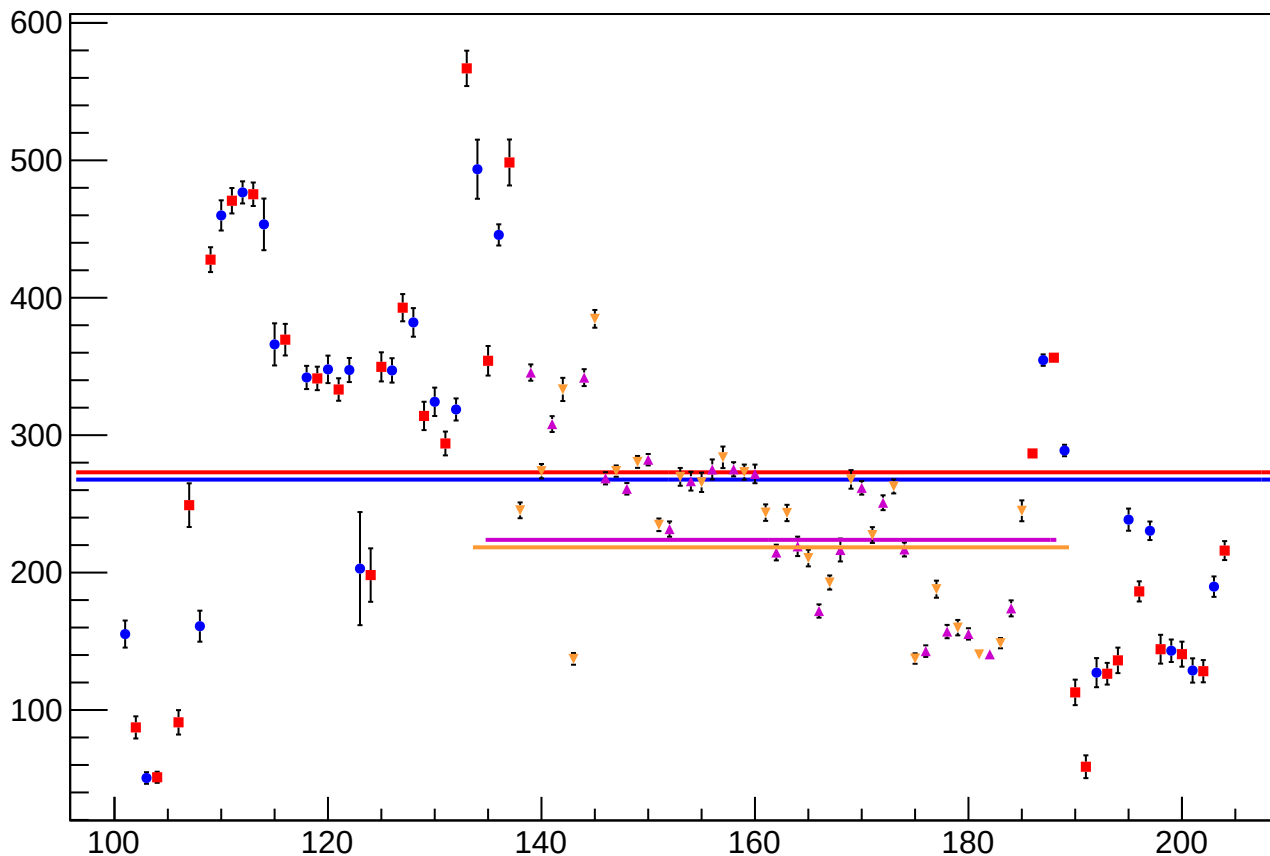
Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

+ sign 4.696 ± 0.644 χ^2/NDF : 1012.3/49

All: 5.499 ± 0.454 χ^2/NDF : 1984.2/101

- sign 6.295 ± 0.641 χ^2/NDF : 968.8/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 267.673 ± 1.551 $\chi^2/\text{NDF}: 6392.6/24$

Left Out: 218.389 ± 1.038 $\chi^2/\text{NDF}: 3696.7/24$

Right Out: 272.974 ± 1.200 $\chi^2/\text{NDF}: 10487.8/28$

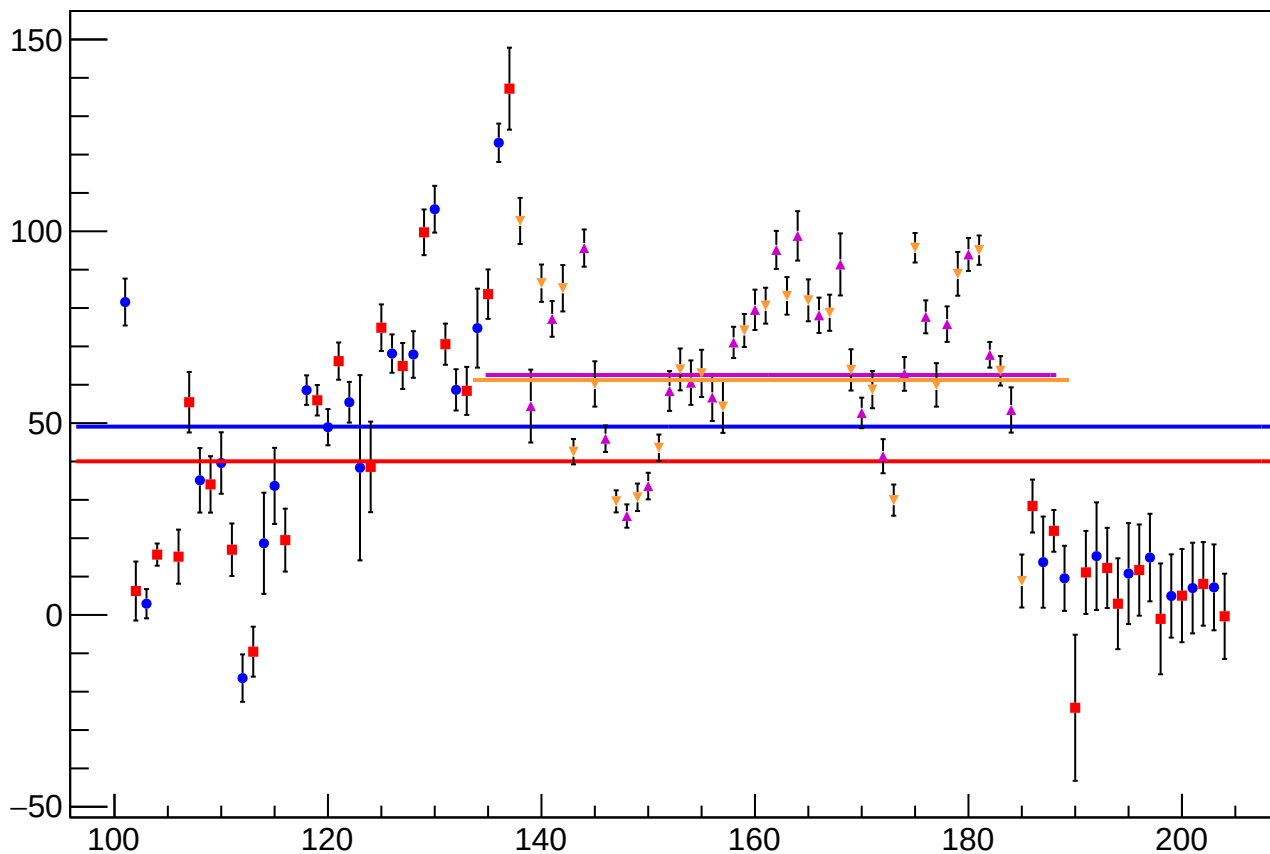
Left In: 223.827 ± 1.058 $\chi^2/\text{NDF}: 3444.7/22$

+ sign 233.632 ± 0.862 $\chi^2/\text{NDF}: 10786.9/49$

All: 239.970 ± 0.584 $\chi^2/\text{NDF}: 25762.9/101$

- sign 245.337 ± 0.794 $\chi^2/\text{NDF}: 14876.2/51$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 49.089 $\pm$ 1.338 χ^2 /NDF: 743.7/24

Left Out: 61.240 $\pm$ 0.903 χ^2 /NDF: 718.8/24

Right Out: 40.049 $\pm$ 1.233 χ^2 /NDF: 640.9/28

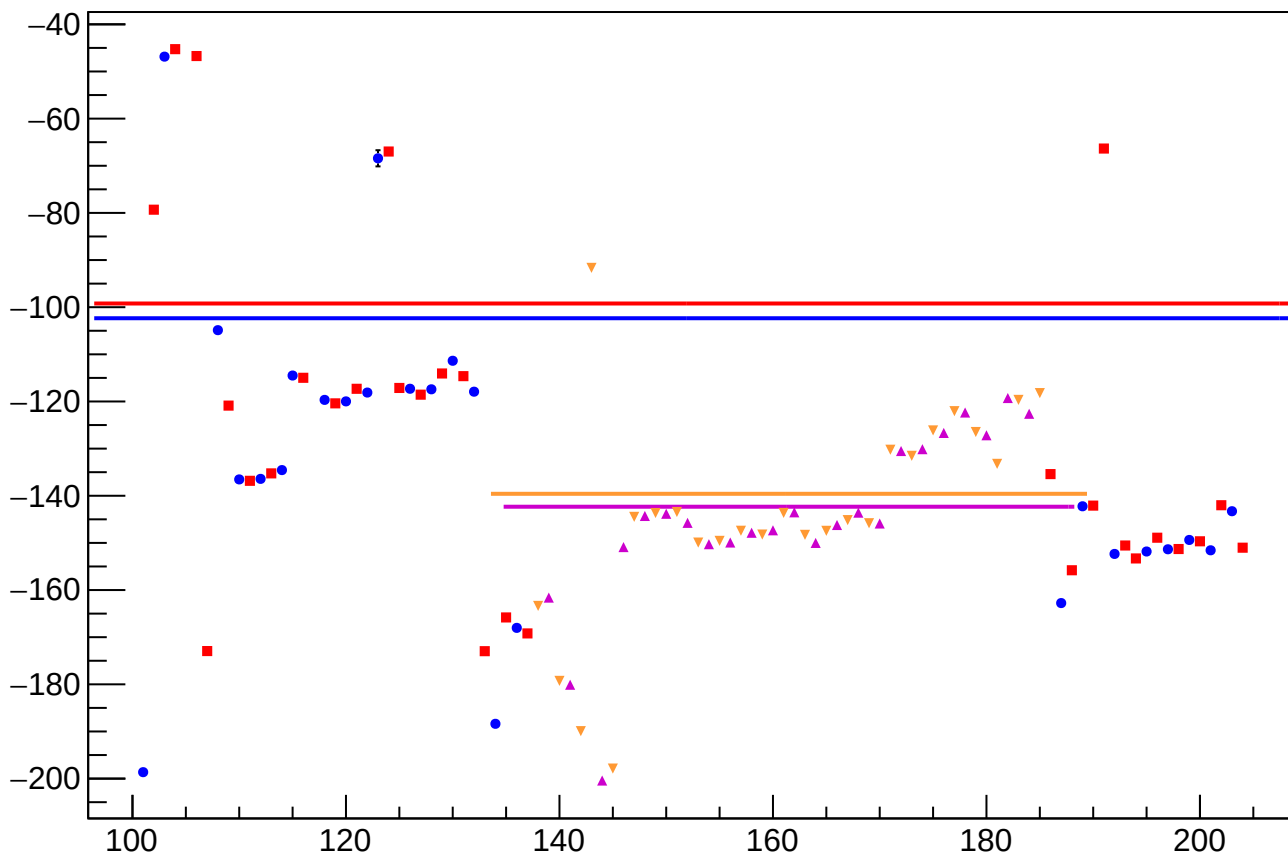
Left In: 62.538 $\pm$ 0.940 χ^2 /NDF: 520.0/22

+ sign 57.439 $\pm$ 0.748 χ^2 /NDF: 1519.3/49

All: 55.852 $\pm$ 0.529 χ^2 /NDF: 2899.6/101

- sign 54.268 $\pm$ 0.748 χ^2 /NDF: 1371.3/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -102.343+/-0.061 χ^2/NDF : 680079.4/24

Left Out: -139.585+/-0.043 χ^2/NDF : 243895.1/24

Right Out: -99.217+/-0.056 χ^2/NDF : 725406.7/28

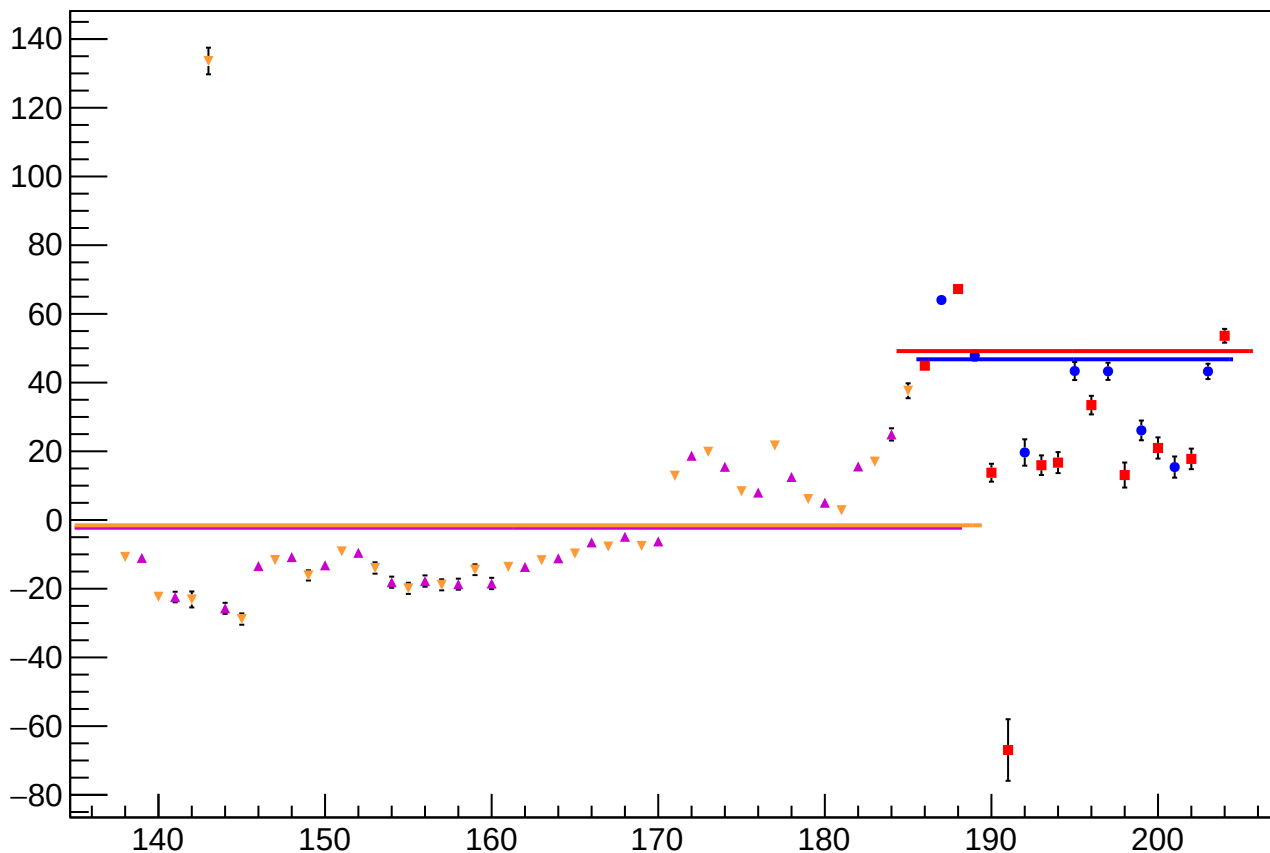
Left In: -142.326+/-0.044 χ^2/NDF : 144642.3/22

+ sign -127.093+/-0.035 χ^2/NDF : 1174431.0/49

All: -126.482+/-0.025 χ^2/NDF : 2412582.1/10

- sign -125.891+/-0.035 χ^2/NDF : 1237556.7/51

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 46.784 ± 0.751 χ^2/NDF : 365.7/7

Left Out: -1.540 ± 0.268 χ^2/NDF : 4129.1/24

Right Out: 49.171 ± 0.496 χ^2/NDF : 1500.4/10

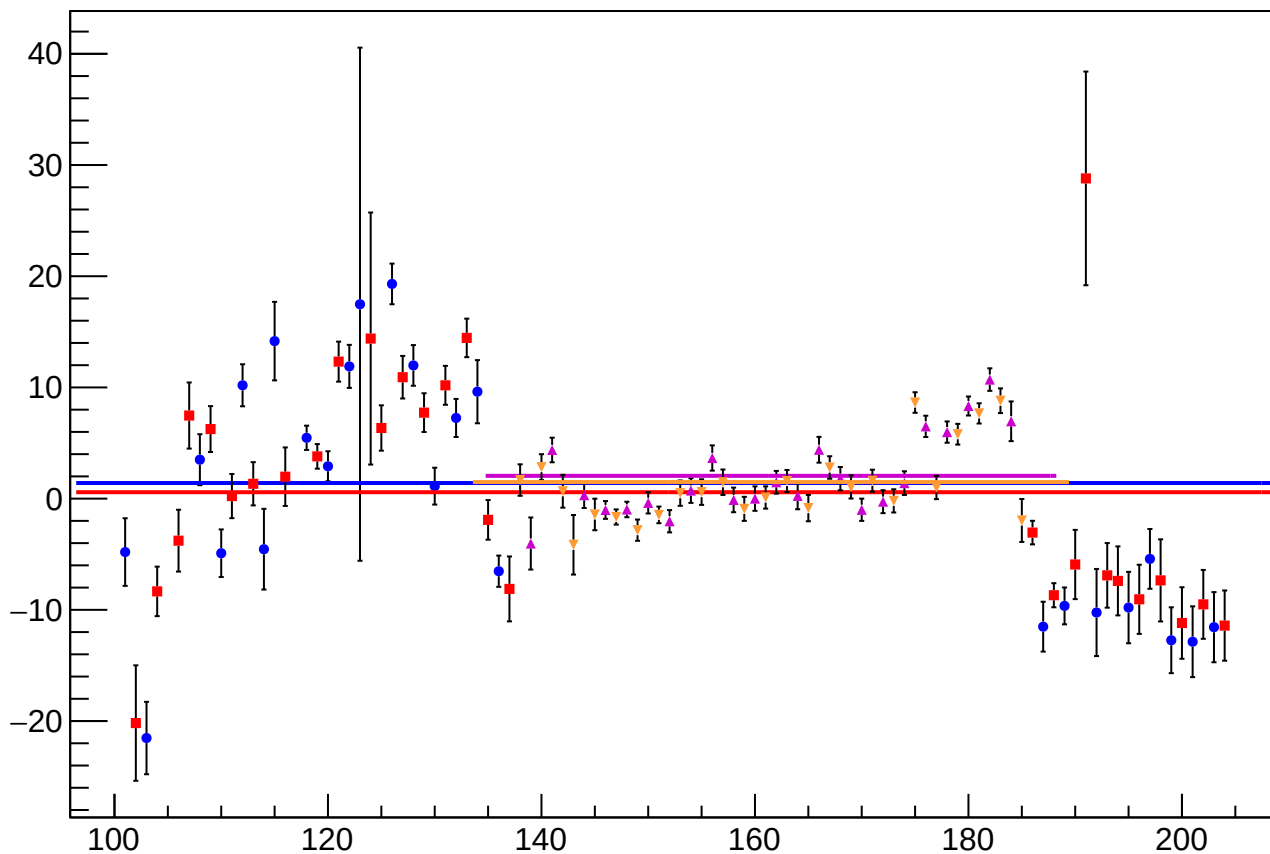
Left In: -2.244 ± 0.270 χ^2/NDF : 2561.6/22

+ sign 3.904 ± 0.252 χ^2/NDF : 8165.7/32

All: 6.873 ± 0.173 χ^2/NDF : 20793.3/66

- sign 9.491 ± 0.237 χ^2/NDF : 12366.9/33

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 1.405 ± 0.415 χ^2/NDF : 491.9/24

Left Out: 1.492 ± 0.210 χ^2/NDF : 258.3/24

Right Out: 0.577 ± 0.378 χ^2/NDF : 423.2/28

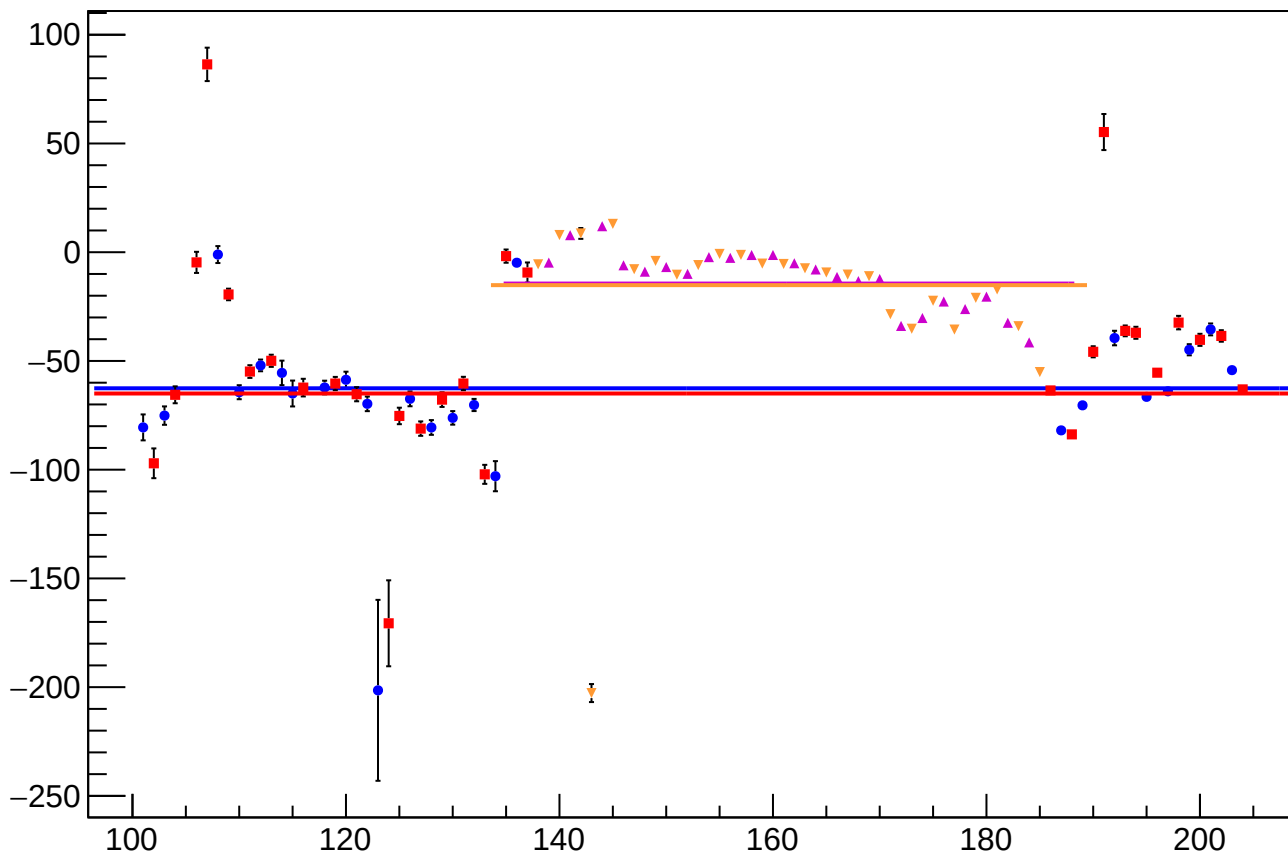
Left In: 2.051 ± 0.215 χ^2/NDF : 275.4/22

+ sign 1.474 ± 0.188 χ^2/NDF : 750.3/49

All: 1.583 ± 0.132 χ^2/NDF : 1461.1/101

- sign 1.691 ± 0.187 χ^2/NDF : 710.1/51

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -62.575 ± 0.515 $\chi^2/\text{NDF}: 1640.0/24$

Left Out: -15.140 ± 0.267 $\chi^2/\text{NDF}: 4451.9/24$

Right Out: -64.970 ± 0.370 $\chi^2/\text{NDF}: 3336.8/28$

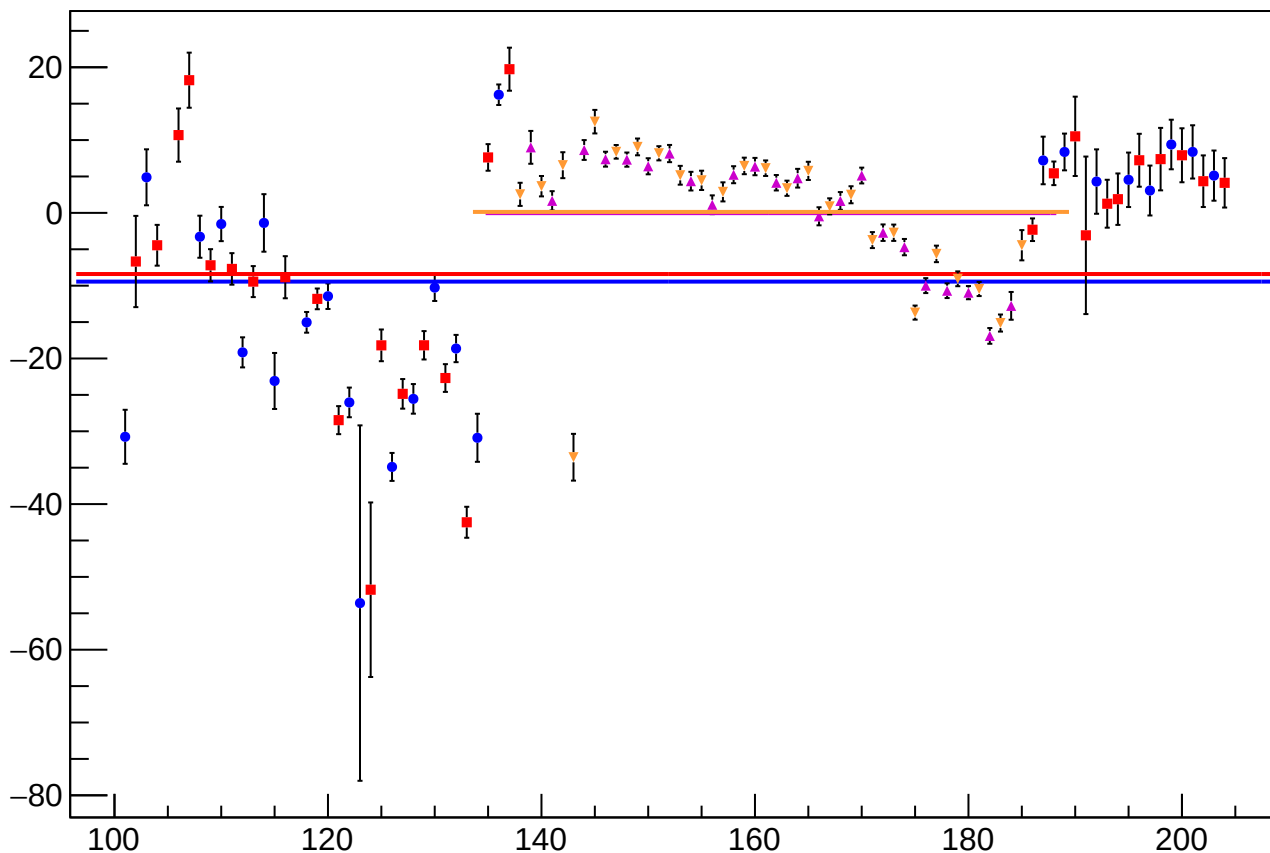
Left In: -14.415 ± 0.268 $\chi^2/\text{NDF}: 2065.7/22$

+ sign -25.186 ± 0.237 $\chi^2/\text{NDF}: 12784.0/49$

All: -28.776 ± 0.160 $\chi^2/\text{NDF}: 30833.9/101$

- sign -31.791 ± 0.217 $\chi^2/\text{NDF}: 17627.6/51$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -9.440 ± 0.484 χ^2/NDF : 1008.9/24

Left Out: 0.133 ± 0.238 χ^2/NDF : 1146.9/24

Right Out: -8.399 ± 0.455 χ^2/NDF : 993.7/28

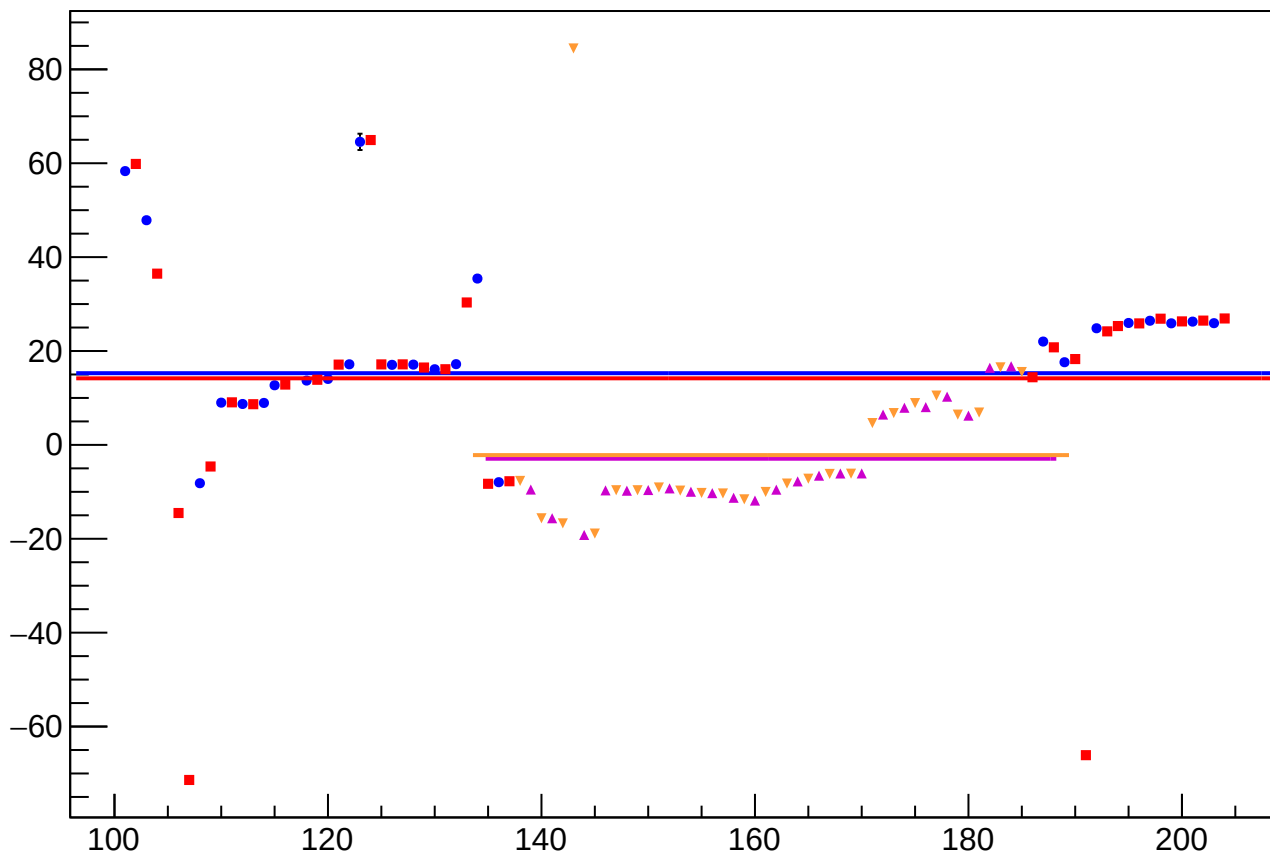
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.733 ± 0.214 χ^2/NDF : 2470.1/49

All: -1.809 ± 0.151 χ^2/NDF : 4754.8/101

- sign -1.884 ± 0.214 χ^2/NDF : 2284.4/51

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 15.274 $\pm$ 0.025 χ^2 /NDF: 460856.9/24

Left Out: -2.176 $\pm$ 0.011 χ^2 /NDF: 1047394.9/24

Right Out: 14.180 $\pm$ 0.023 χ^2 /NDF: 739479.2/28

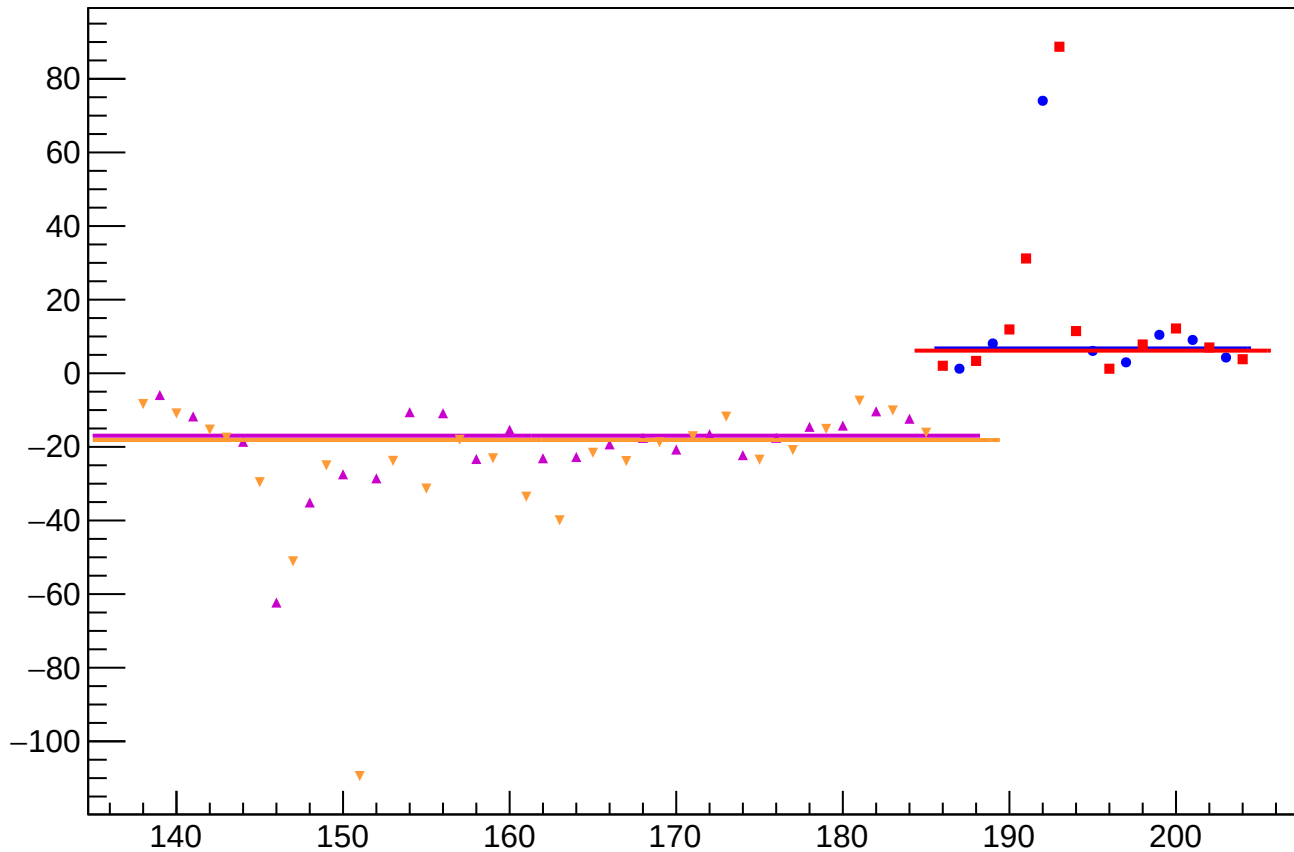
Left In: -2.949 $\pm$ 0.011 χ^2 /NDF: 770702.4/22

+ sign 0.675 $\pm$ 0.010 χ^2 /NDF: 1925181.9/49

All: 0.415 $\pm$ 0.007 χ^2 /NDF: 3880637.6/101

- sign 0.159 $\pm$ 0.010 χ^2 /NDF: 1954109.3/51

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 6.746 ± 0.077 χ^2/NDF : 11920.4/7

Left Out: -18.127 ± 0.039 χ^2/NDF : 88514.4/24

Right Out: 6.152 ± 0.064 χ^2/NDF : 25736.0/10

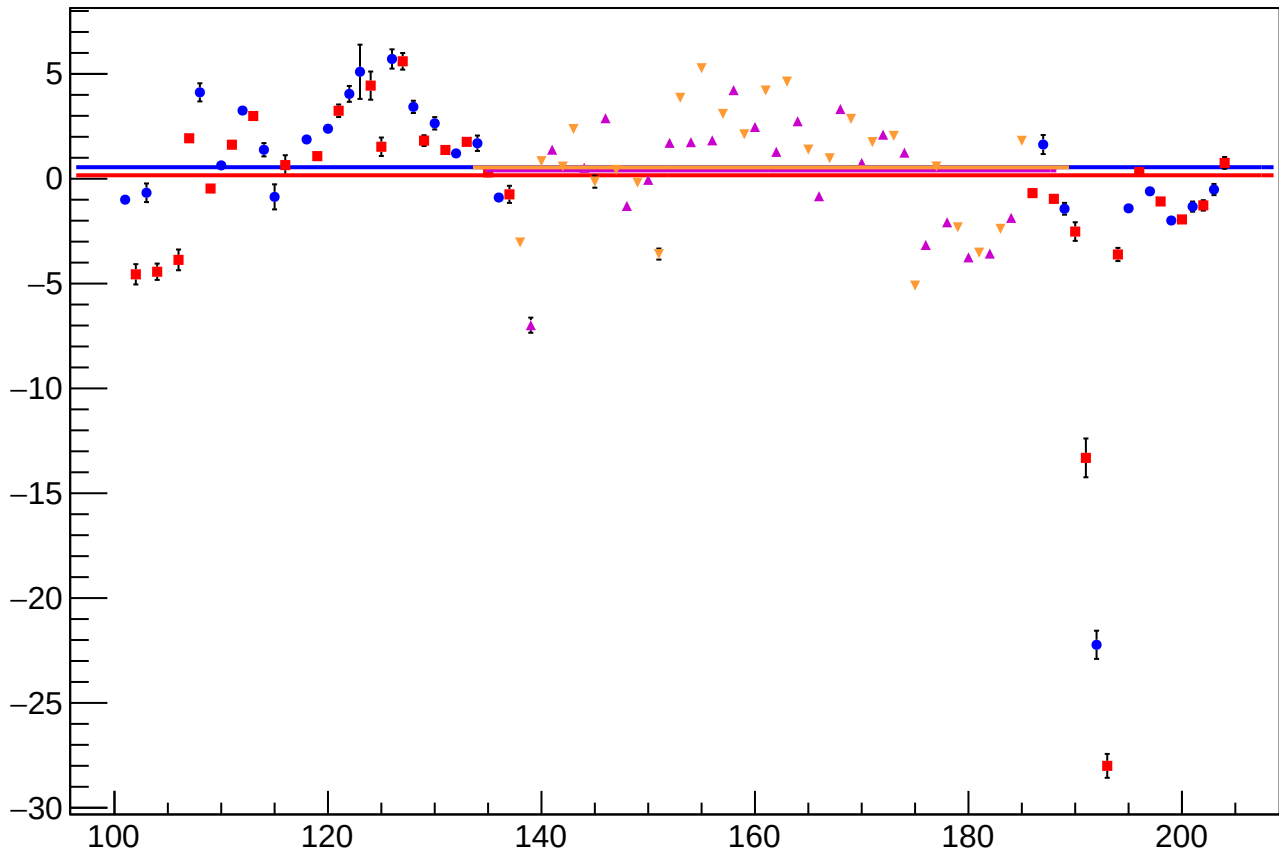
Left In: -16.958 ± 0.038 χ^2/NDF : 44759.9/22

+ sign -13.065 ± 0.035 χ^2/NDF : 183401.2/32

All: -11.895 ± 0.024 χ^2/NDF : 353509.7/66

- sign -10.867 ± 0.033 χ^2/NDF : 167981.5/33

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 0.550 ± 0.050 χ^2/NDF : 2492.7/24

Left Out: 0.543 ± 0.032 χ^2/NDF : 7067.6/24

Right Out: 0.165 ± 0.047 χ^2/NDF : 4255.2/28

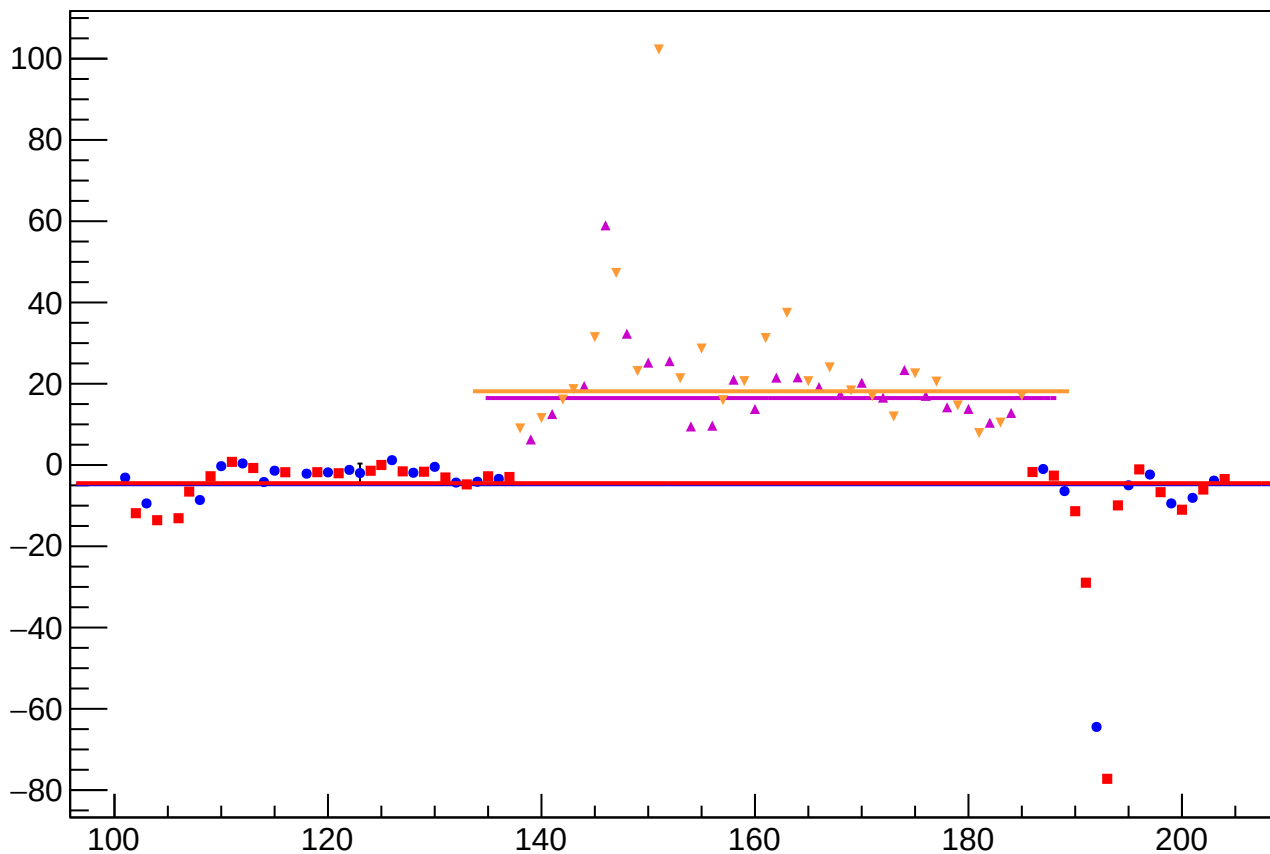
Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

+ sign 0.545 ± 0.027 χ^2/NDF : 9560.3/49

All: 0.430 ± 0.019 χ^2/NDF : 20152.9/101

- sign 0.328 ± 0.026 χ^2/NDF : 10559.0/51

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -4.726 ± 0.057 $\chi^2/\text{NDF}: 13337.3/24$

Left Out: 18.147 ± 0.039 $\chi^2/\text{NDF}: 77805.7/24$

Right Out: -4.472 ± 0.048 $\chi^2/\text{NDF}: 27616.6/28$

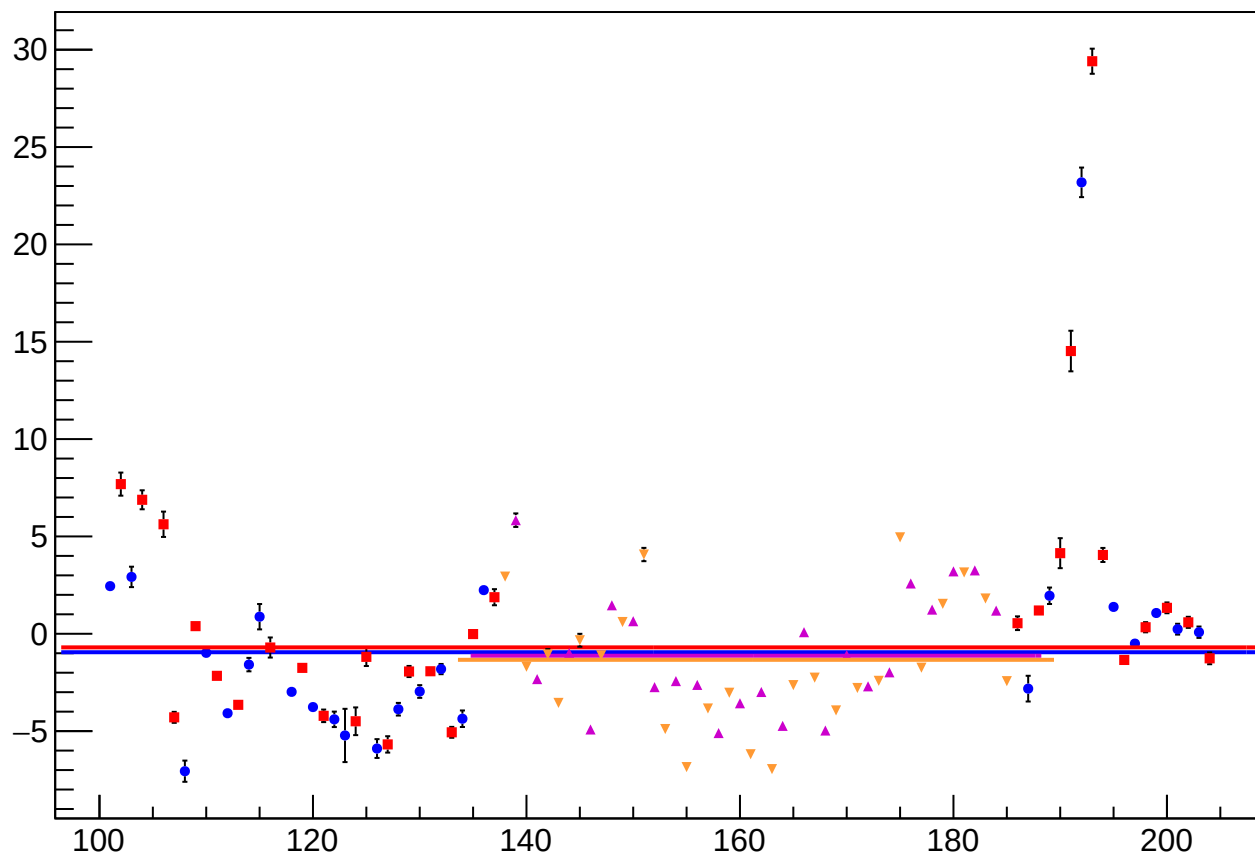
Left In: 16.477 ± 0.038 $\chi^2/\text{NDF}: 41326.5/22$

+ sign 10.878 ± 0.032 $\chi^2/\text{NDF}: 199711.8/49$

All: 9.547 ± 0.022 $\chi^2/\text{NDF}: 390760.7/101$

- sign 8.436 ± 0.030 $\chi^2/\text{NDF}: 187939.8/51$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -0.948 ± 0.059 χ^2/NDF : 2734.6/24

Left Out: -1.338 ± 0.036 χ^2/NDF : 7920.8/24

Right Out: -0.698 ± 0.055 χ^2/NDF : 4458.6/28

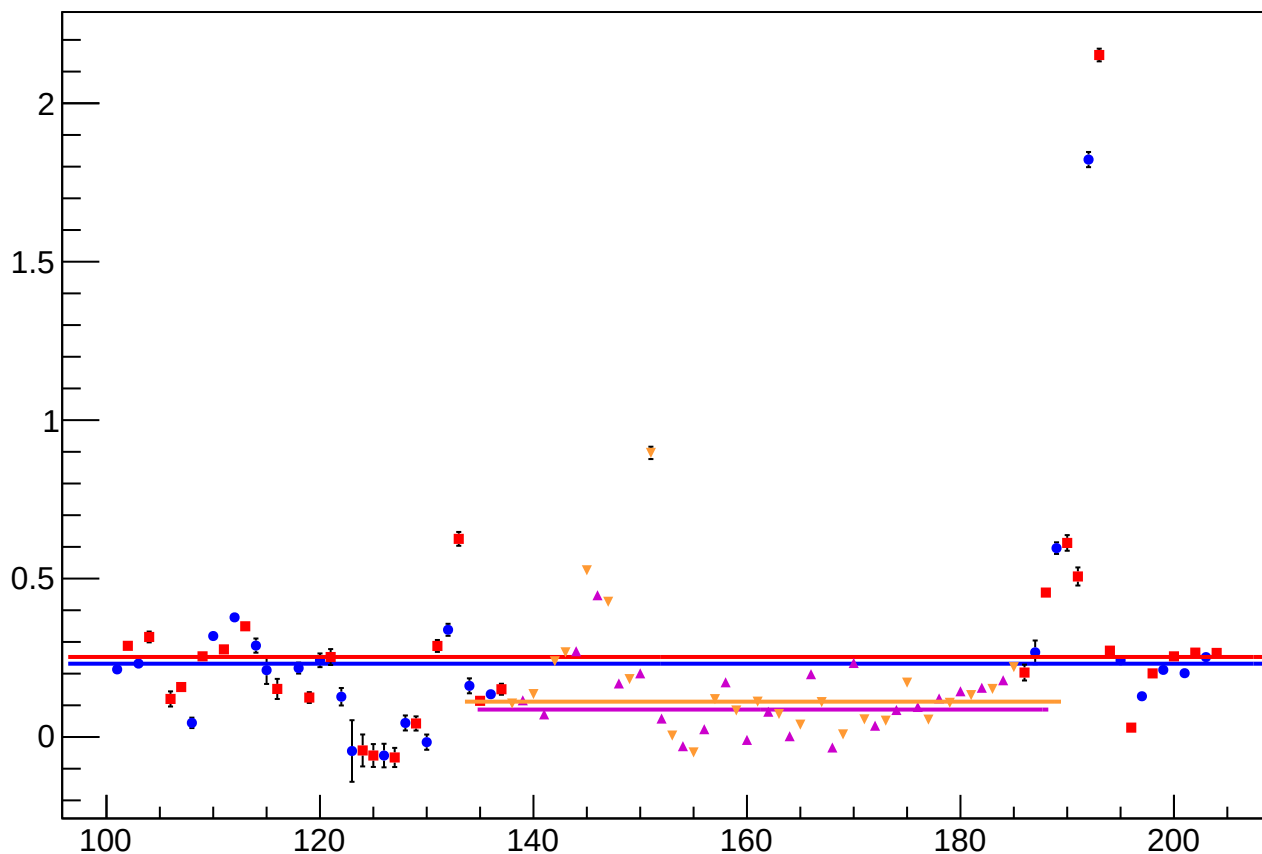
Left In: -1.129 ± 0.034 χ^2/NDF : 6778.7/22

+ sign -1.231 ± 0.031 χ^2/NDF : 10687.4/49

All: -1.113 ± 0.021 χ^2/NDF : 21997.6/101

- sign -1.008 ± 0.029 χ^2/NDF : 11282.0/51

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.231 ± 0.003 $\chi^2/\text{NDF}: 5737.6/24$

Left Out: 0.112 ± 0.002 $\chi^2/\text{NDF}: 4459.9/24$

Right Out: 0.253 ± 0.002 $\chi^2/\text{NDF}: 11642.8/28$

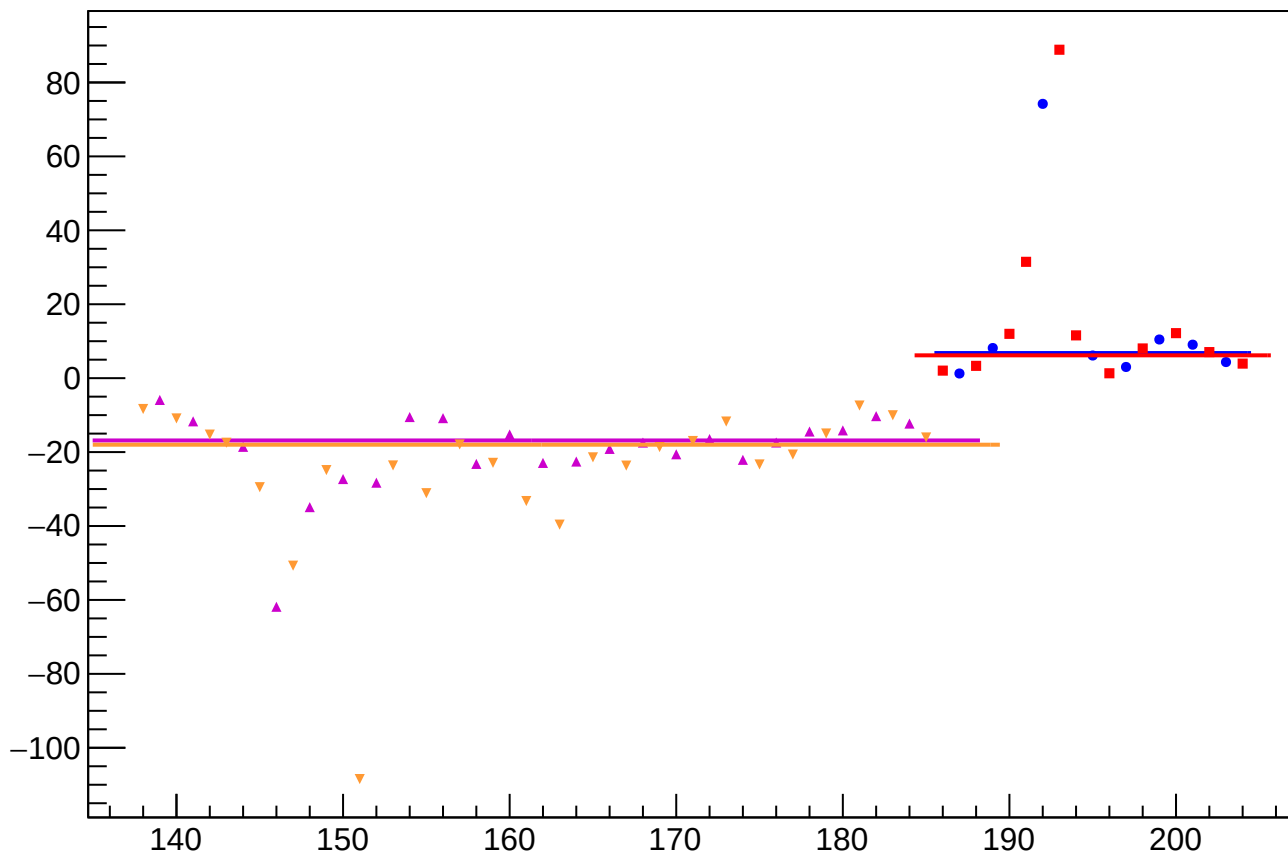
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3661.4/22$

+ sign 0.144 ± 0.001 $\chi^2/\text{NDF}: 11712.1/49$

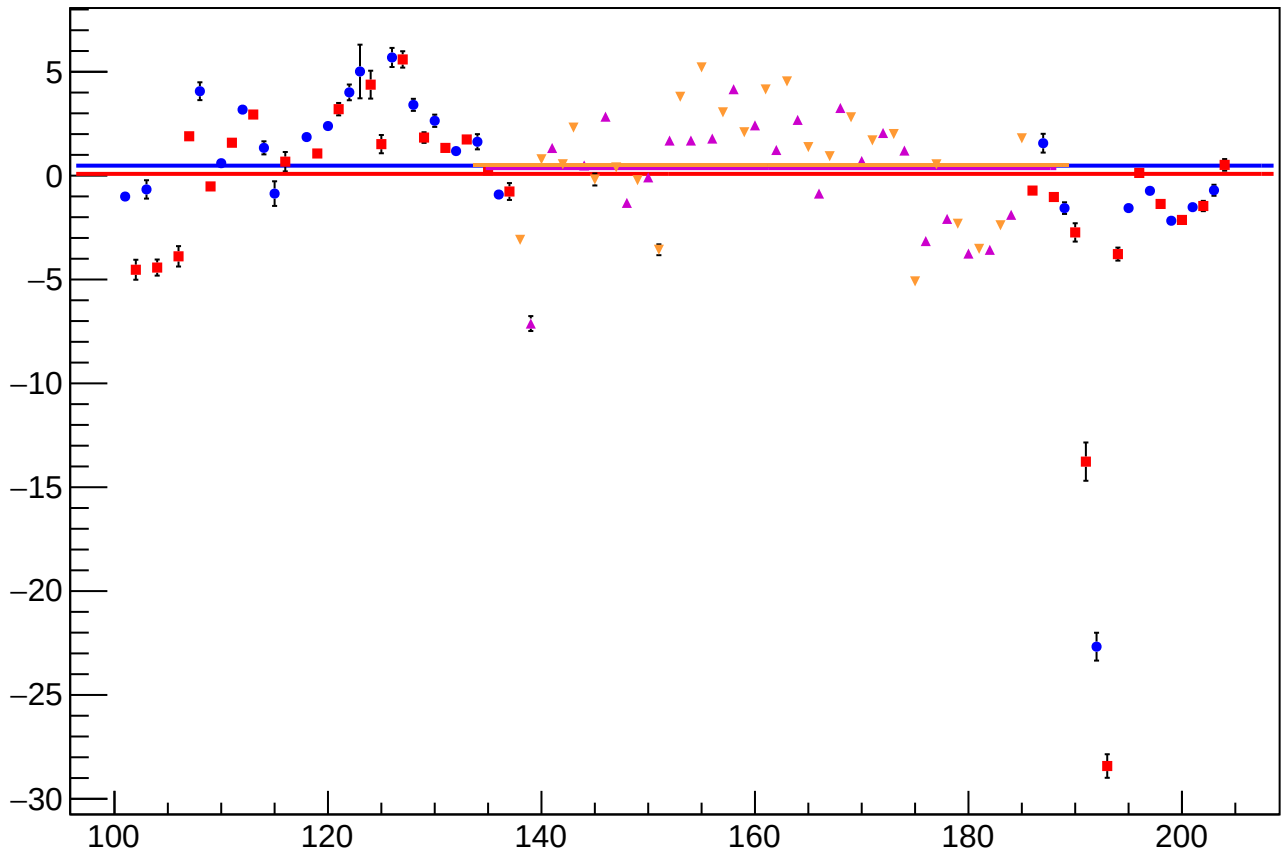
All: 0.137 ± 0.001 $\chi^2/\text{NDF}: 30382.7/101$

- sign 0.131 ± 0.001 $\chi^2/\text{NDF}: 18623.9/51$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 0.481 ± 0.050 χ^2/NDF : 2607.3/24

Left Out: 0.511 ± 0.032 χ^2/NDF : 7053.0/24

Right Out: 0.085 ± 0.046 χ^2/NDF : 4421.3/28

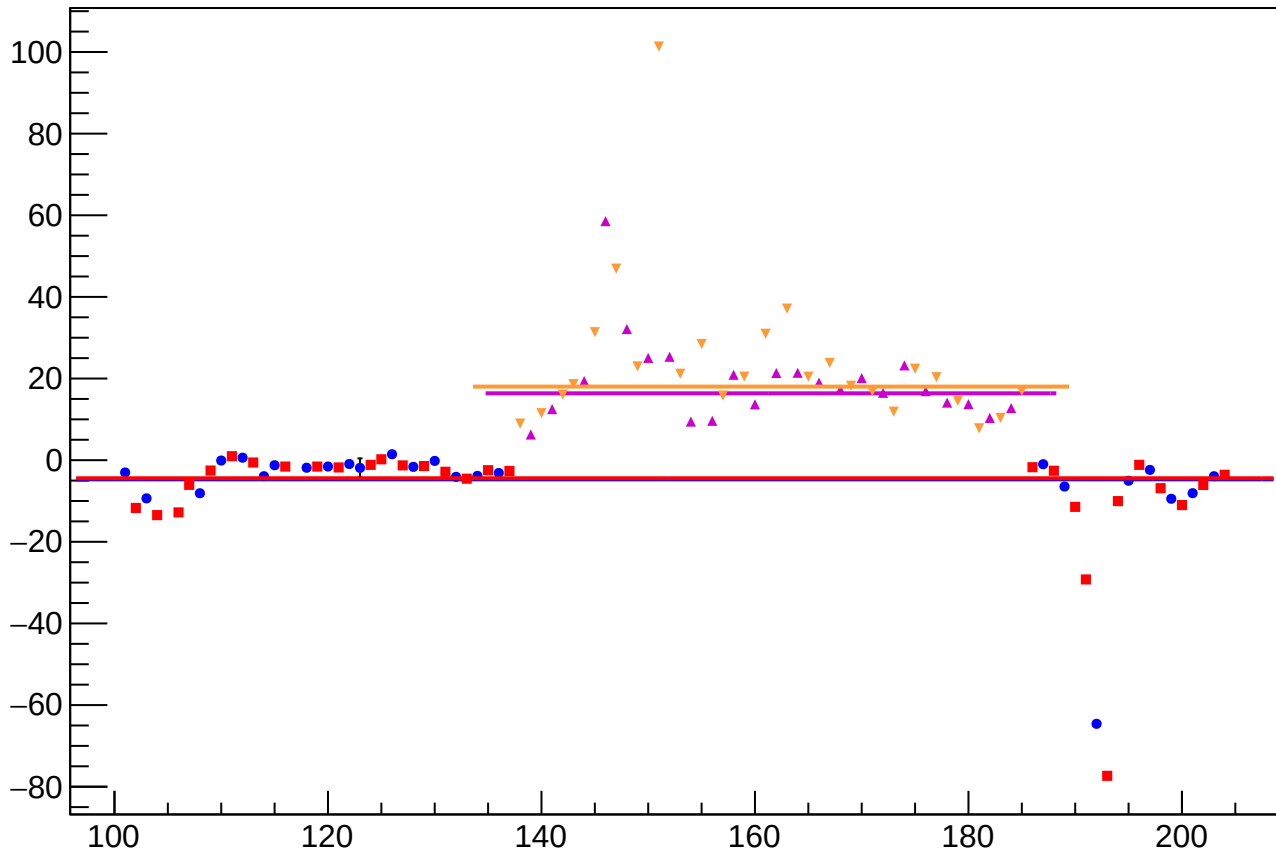
Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

+ sign 0.502 ± 0.027 χ^2/NDF : 9660.5/49

All: 0.383 ± 0.019 χ^2/NDF : 20416.3/101

- sign 0.278 ± 0.025 χ^2/NDF : 10719.3/51

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -4.693 ± 0.057 $\chi^2/\text{NDF}: 13582.0/24$

Left Out: 18.023 ± 0.039 $\chi^2/\text{NDF}: 77674.0/24$

Right Out: -4.434 ± 0.047 $\chi^2/\text{NDF}: 28080.5/28$

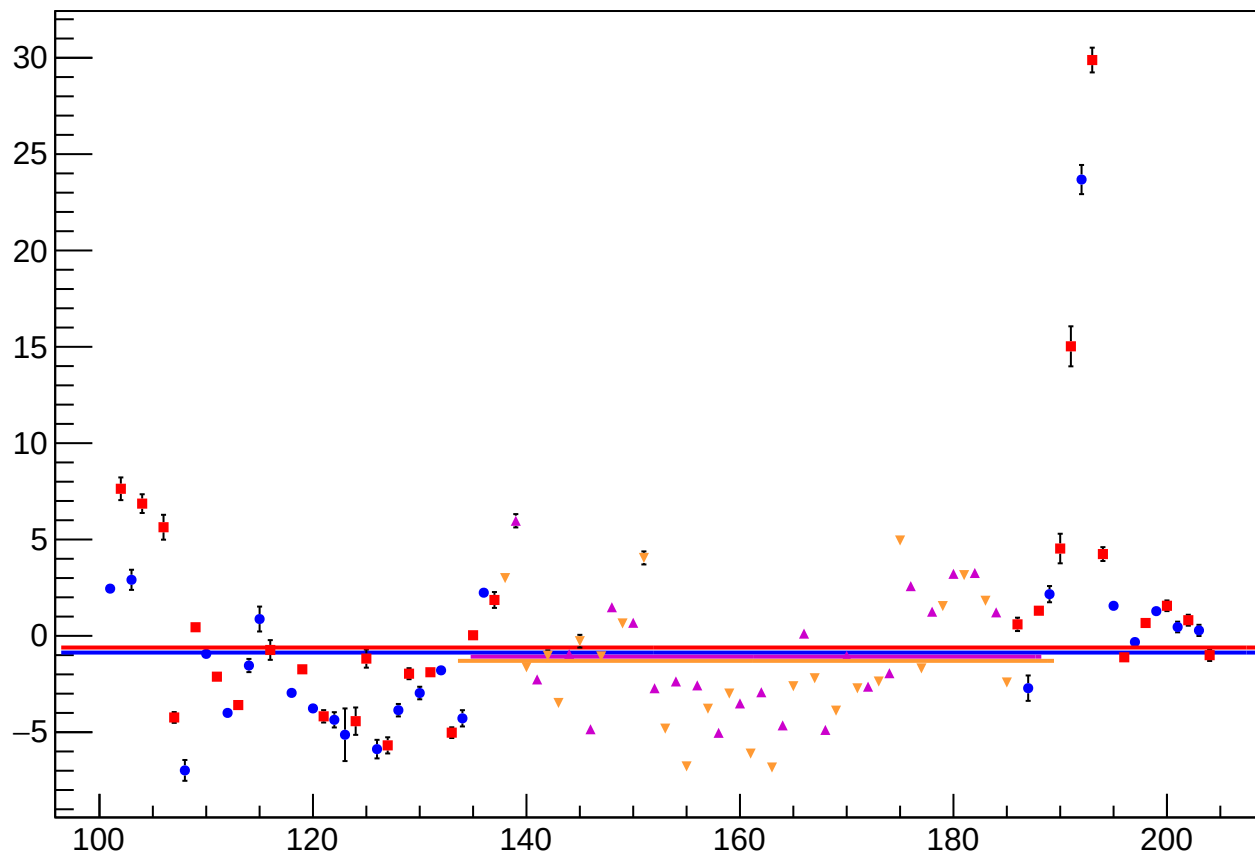
Left In: 16.377 ± 0.037 $\chi^2/\text{NDF}: 41253.5/22$

+ sign 10.826 ± 0.032 $\chi^2/\text{NDF}: 199537.5/49$

All: 9.492 ± 0.022 $\chi^2/\text{NDF}: 391178.5/101$

- sign 8.380 ± 0.029 $\chi^2/\text{NDF}: 188478.9/51$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -0.868 ± 0.058 $\chi^2/\text{NDF}: 2826.9/24$

Left Out: -1.297 ± 0.036 $\chi^2/\text{NDF}: 7903.2/24$

Right Out: -0.605 ± 0.054 $\chi^2/\text{NDF}: 4613.6/28$

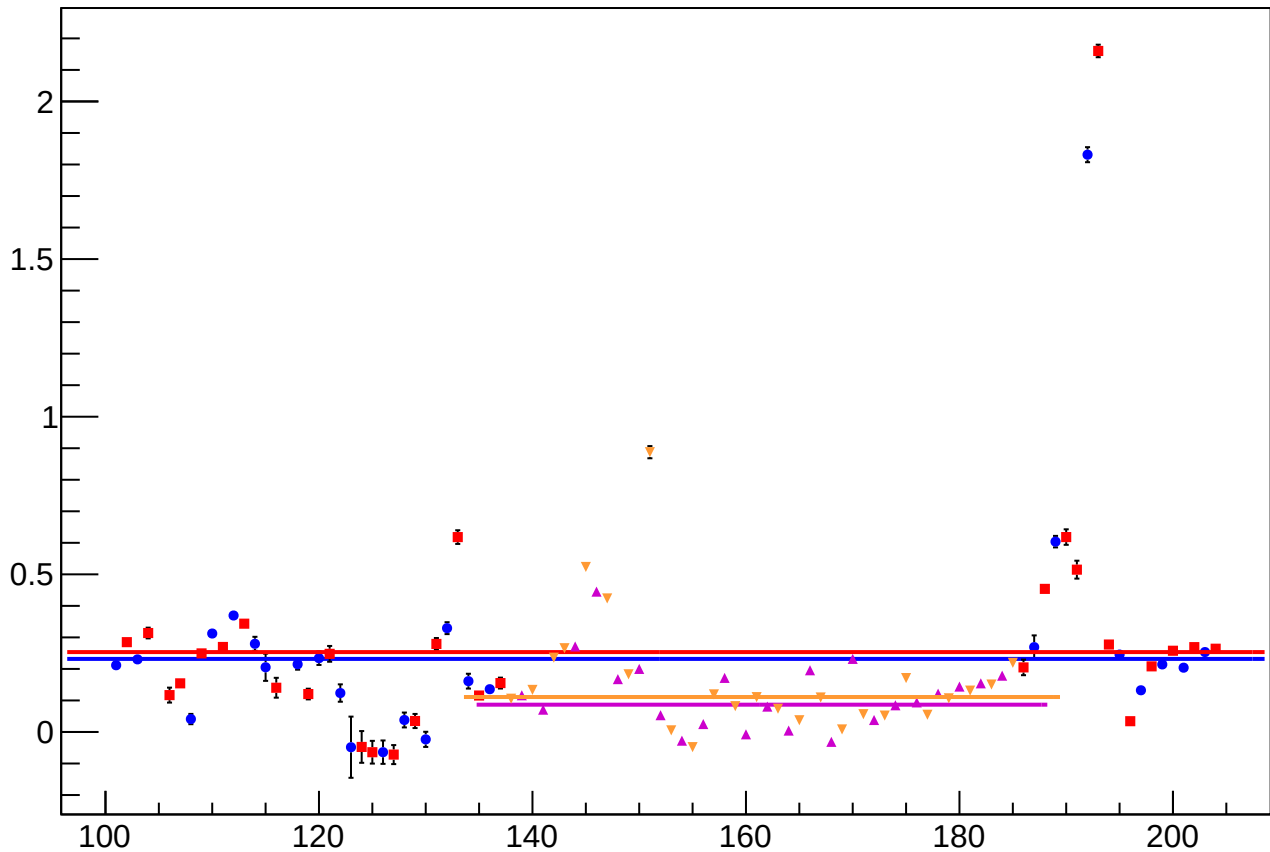
Left In: -1.081 ± 0.034 $\chi^2/\text{NDF}: 6764.0/22$

+ sign -1.180 ± 0.030 $\chi^2/\text{NDF}: 10769.4/49$

All: -1.057 ± 0.021 $\chi^2/\text{NDF}: 22233.3/101$

- sign -0.948 ± 0.029 $\chi^2/\text{NDF}: 11433.0/51$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.232 ± 0.003 $\chi^2/\text{NDF}: 5825.6/24$

Left Out: 0.111 ± 0.002 $\chi^2/\text{NDF}: 4452.0/24$

Right Out: 0.253 ± 0.002 $\chi^2/\text{NDF}: 11780.1/28$

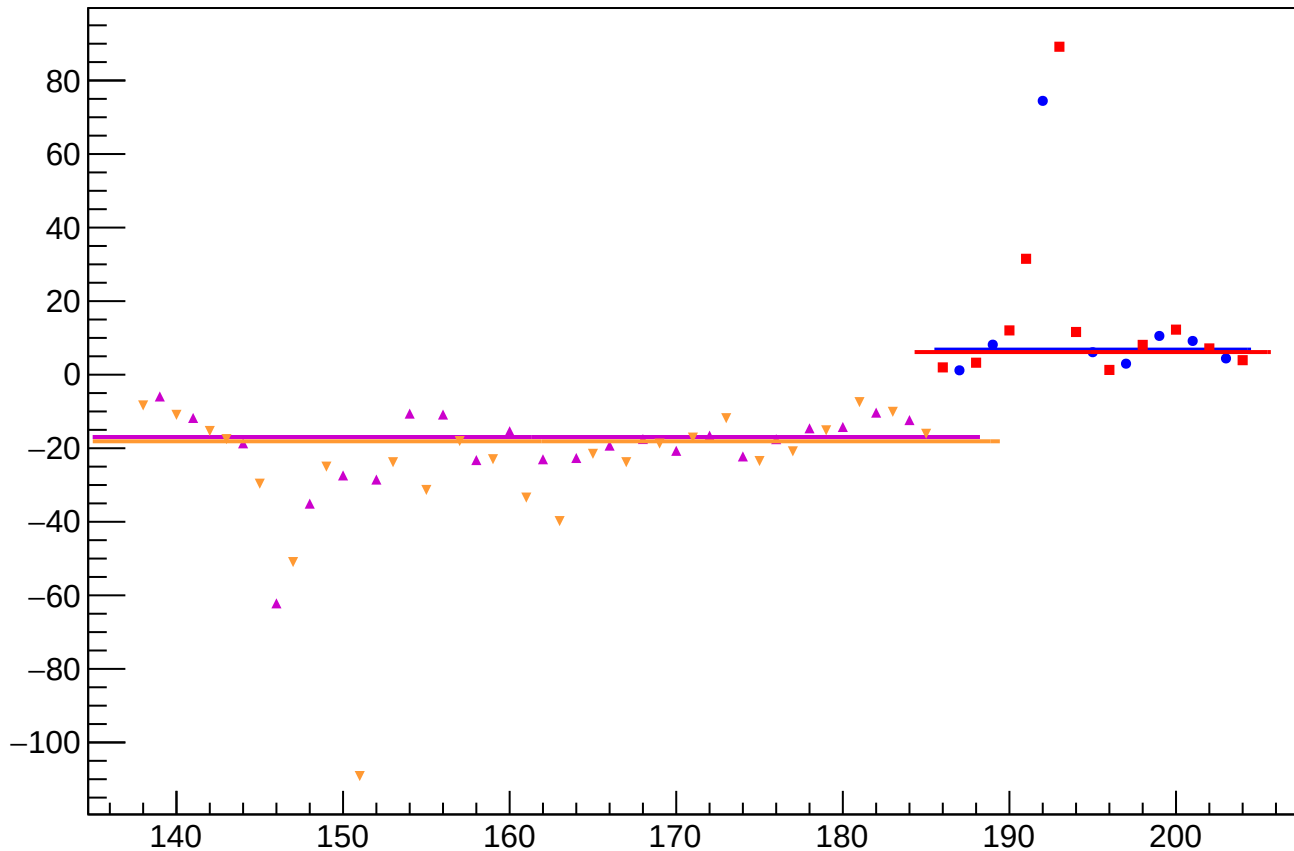
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3631.4/22$

+ sign 0.144 ± 0.001 $\chi^2/\text{NDF}: 11837.7/49$

All: 0.137 ± 0.001 $\chi^2/\text{NDF}: 30682.2/101$

- sign 0.131 ± 0.001 $\chi^2/\text{NDF}: 18801.5/51$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 6.818 ± 0.077 $\chi^2/\text{NDF}: 12059.6/7$

Left Out: -18.112 ± 0.039 $\chi^2/\text{NDF}: 88488.2/24$

Right Out: 6.153 ± 0.063 $\chi^2/\text{NDF}: 26113.6/10$

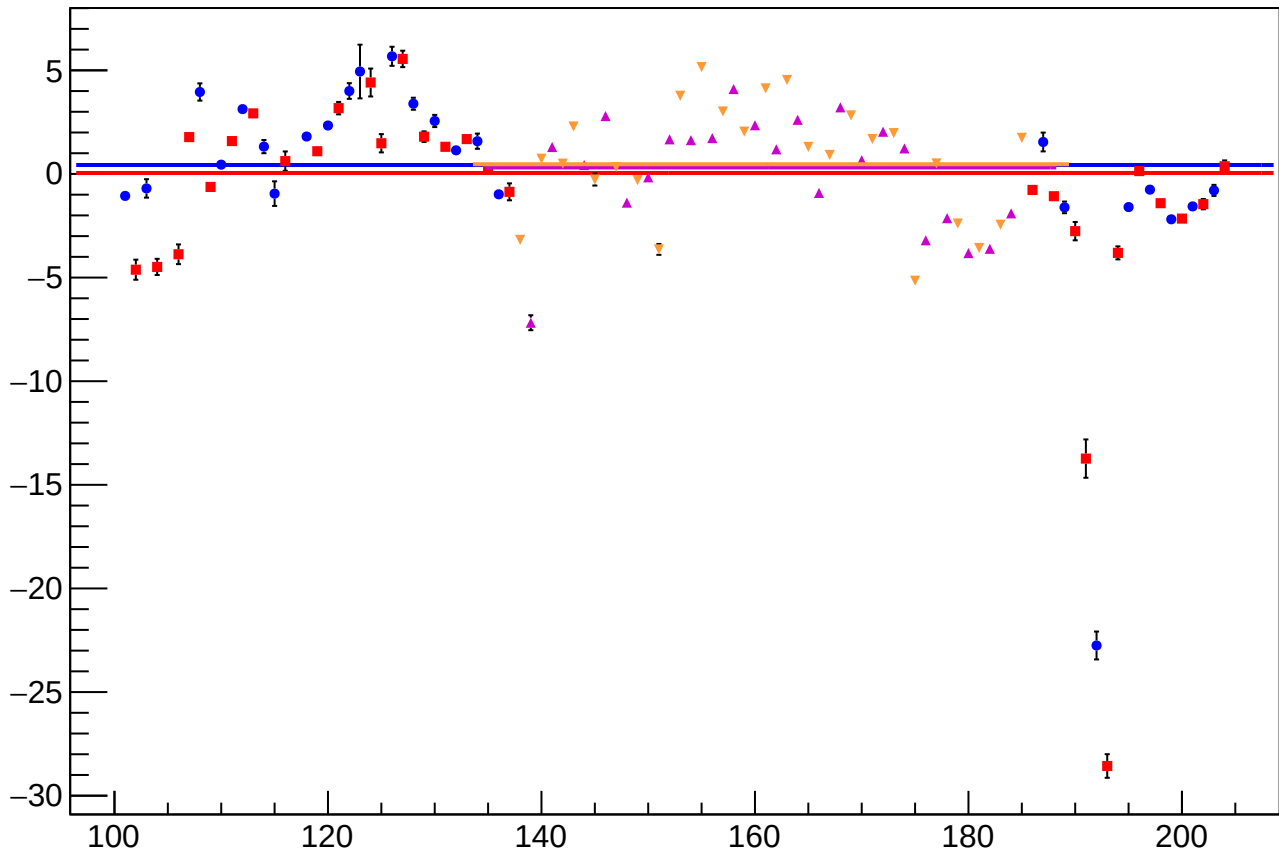
Left In: -16.945 ± 0.038 $\chi^2/\text{NDF}: 44756.2/22$

+ sign -13.079 ± 0.035 $\chi^2/\text{NDF}: 183687.3/32$

All: -11.884 ± 0.024 $\chi^2/\text{NDF}: 355031.3/66$

- sign -10.836 ± 0.032 $\chi^2/\text{NDF}: 169119.1/33$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 0.433 ± 0.050 χ^2/NDF : 2589.9/24

Left Out: 0.469 ± 0.032 χ^2/NDF : 7076.8/24

Right Out: 0.047 ± 0.047 χ^2/NDF : 4414.5/28

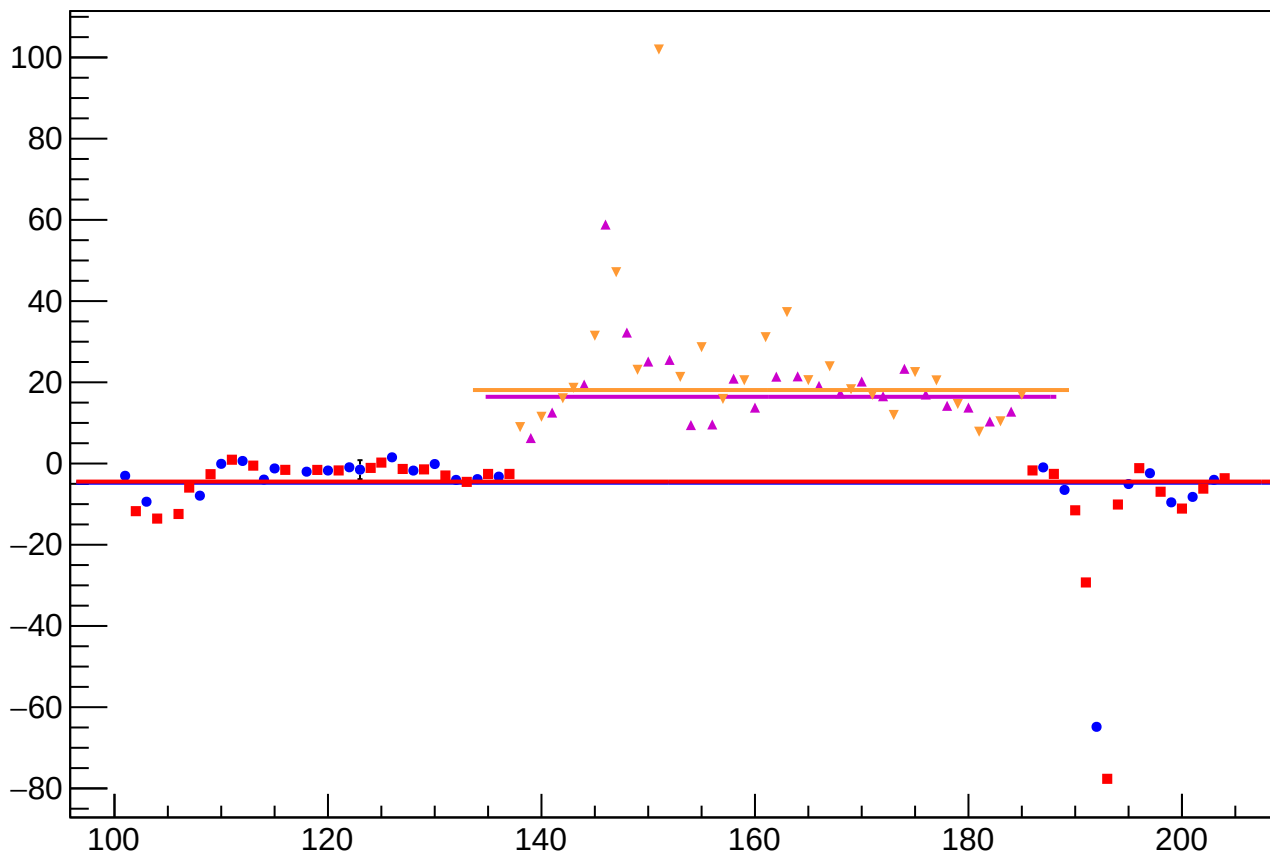
Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

+ sign 0.458 ± 0.027 χ^2/NDF : 9667.0/49

All: 0.339 ± 0.019 χ^2/NDF : 20375.6/101

- sign 0.233 ± 0.026 χ^2/NDF : 10672.1/51

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -4.730 $\pm$ 0.057 χ^2 /NDF: 13604.4/24

Left Out: 18.098 $\pm$ 0.039 χ^2 /NDF: 77793.7/24

Right Out: -4.446 $\pm$ 0.047 χ^2 /NDF: 28099.1/28

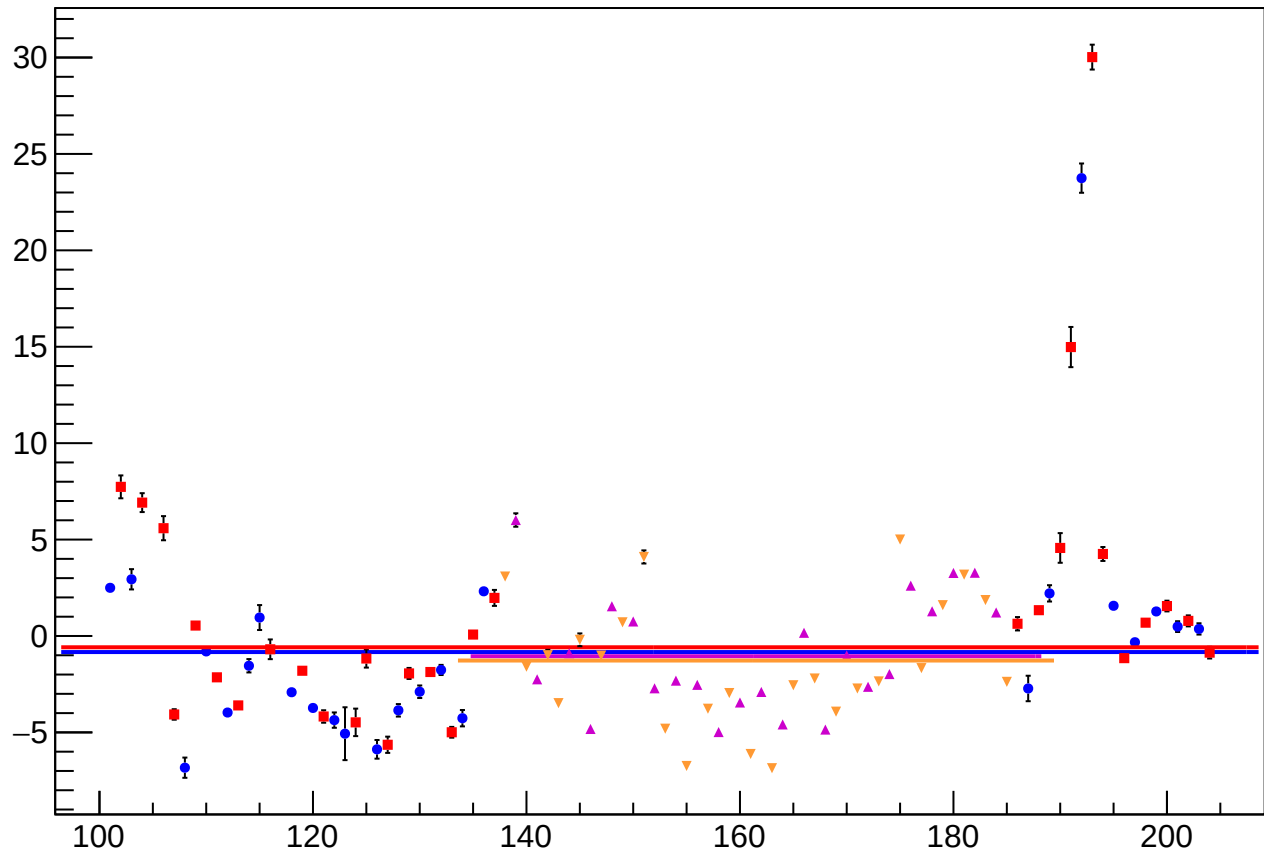
Left In: 16.431 $\pm$ 0.038 χ^2 /NDF: 41337.1/22

+ sign 10.887 $\pm$ 0.032 χ^2 /NDF: 199478.9/49

All: 9.529 $\pm$ 0.022 χ^2 /NDF: 391259.9/101

- sign 8.400 $\pm$ 0.029 χ^2 /NDF: 188540.0/51

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -0.834 ± 0.059 χ^2/NDF : 2815.8/24

Left Out: -1.273 ± 0.036 χ^2/NDF : 7931.0/24

Right Out: -0.586 ± 0.054 χ^2/NDF : 4611.5/28

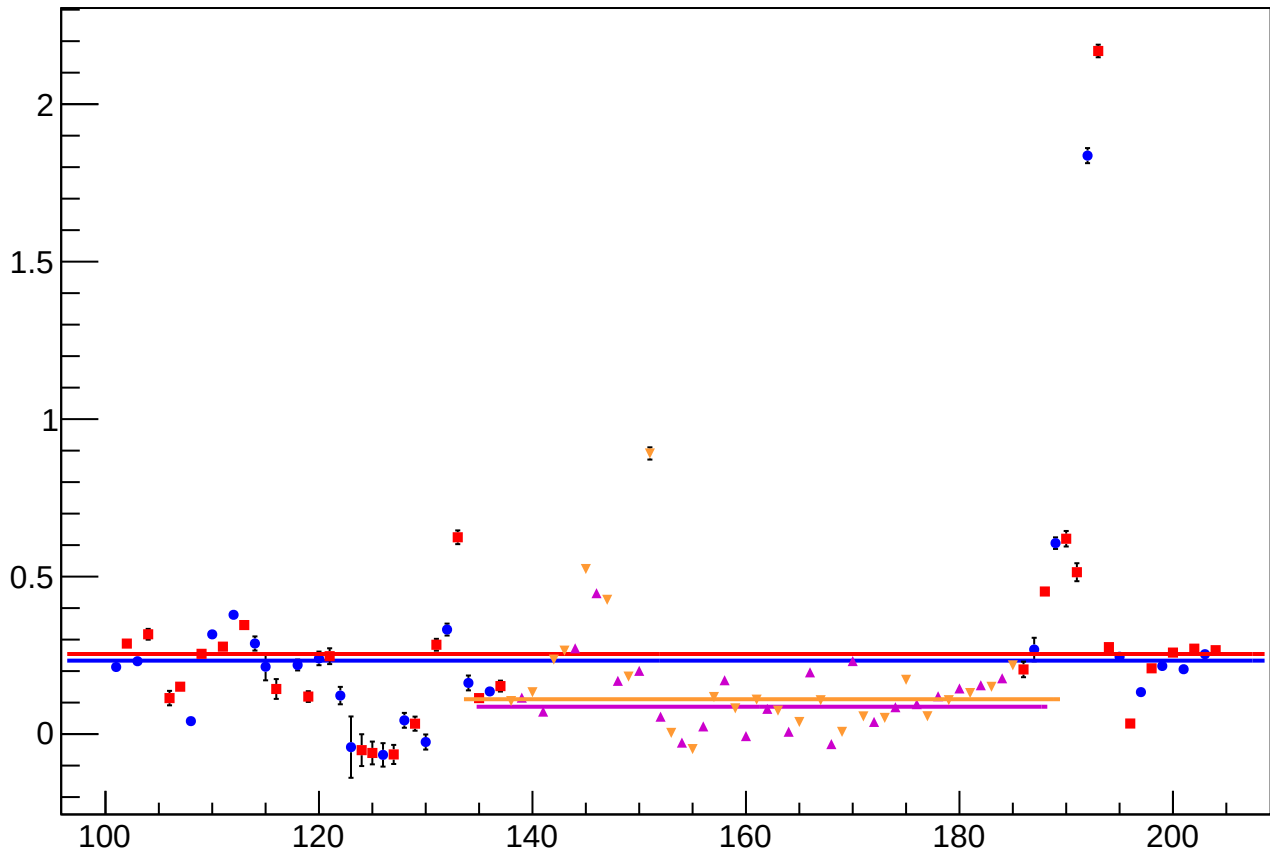
Left In: -1.050 ± 0.034 χ^2/NDF : 6713.0/22

+ sign -1.154 ± 0.031 χ^2/NDF : 10787.5/49

All: -1.030 ± 0.021 χ^2/NDF : 22195.3/101

- sign -0.920 ± 0.029 χ^2/NDF : 11376.9/51

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.233 $\pm$ 0.003 χ^2 /NDF: 5839.9/24

Left Out: 0.111 $\pm$ 0.002 χ^2 /NDF: 4430.3/24

Right Out: 0.254 $\pm$ 0.002 χ^2 /NDF: 11796.0/28

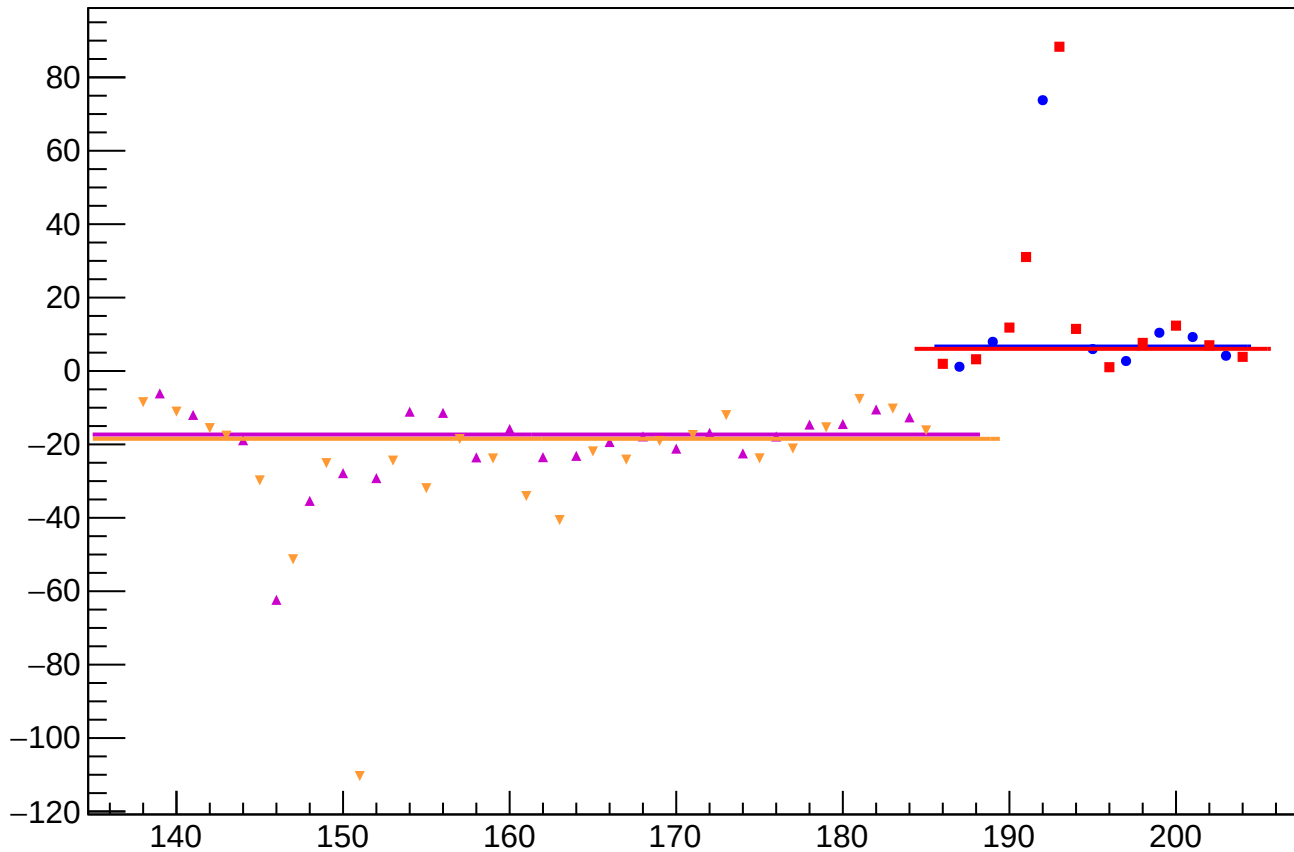
Left In: 0.087 $\pm$ 0.001 χ^2 /NDF: 3604.3/22

+ sign 0.144 $\pm$ 0.001 χ^2 /NDF: 11854.7/49

All: 0.137 $\pm$ 0.001 χ^2 /NDF: 30680.6/101

- sign 0.132 $\pm$ 0.001 χ^2 /NDF: 18785.2/51

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 6.660 ± 0.078 $\chi^2/\text{NDF}: 11878.9/7$

Left Out: -18.478 ± 0.040 $\chi^2/\text{NDF}: 87856.5/24$

Right Out: 6.038 ± 0.063 $\chi^2/\text{NDF}: 25640.5/10$

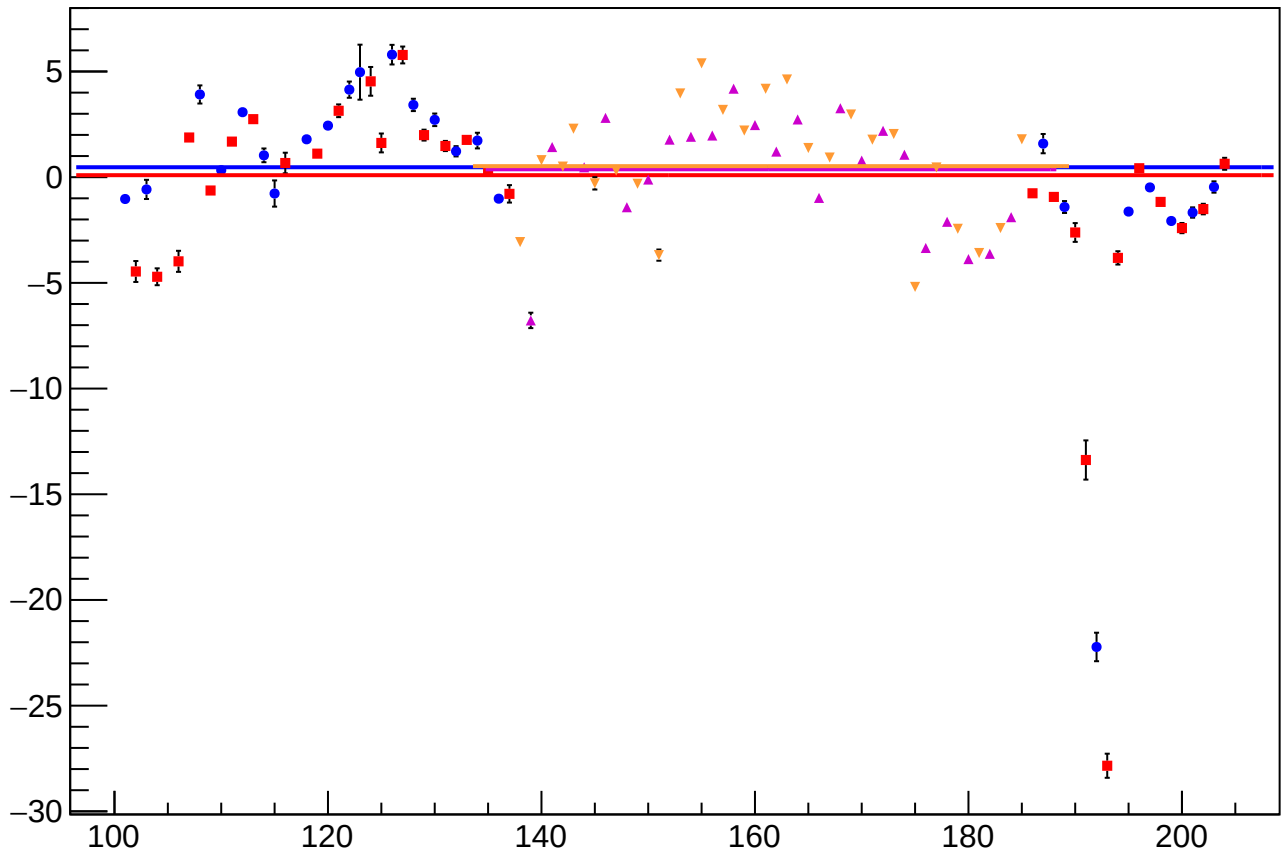
Left In: -17.309 ± 0.039 $\chi^2/\text{NDF}: 43807.0/22$

+ sign -13.258 ± 0.035 $\chi^2/\text{NDF}: 182800.8/32$

All: -12.027 ± 0.024 $\chi^2/\text{NDF}: 353150.8/66$

- sign -10.950 ± 0.033 $\chi^2/\text{NDF}: 168080.9/33$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 0.470 ± 0.051 χ^2/NDF : 2483.8/24

Left Out: 0.522 ± 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.094 ± 0.047 χ^2/NDF : 4263.4/28

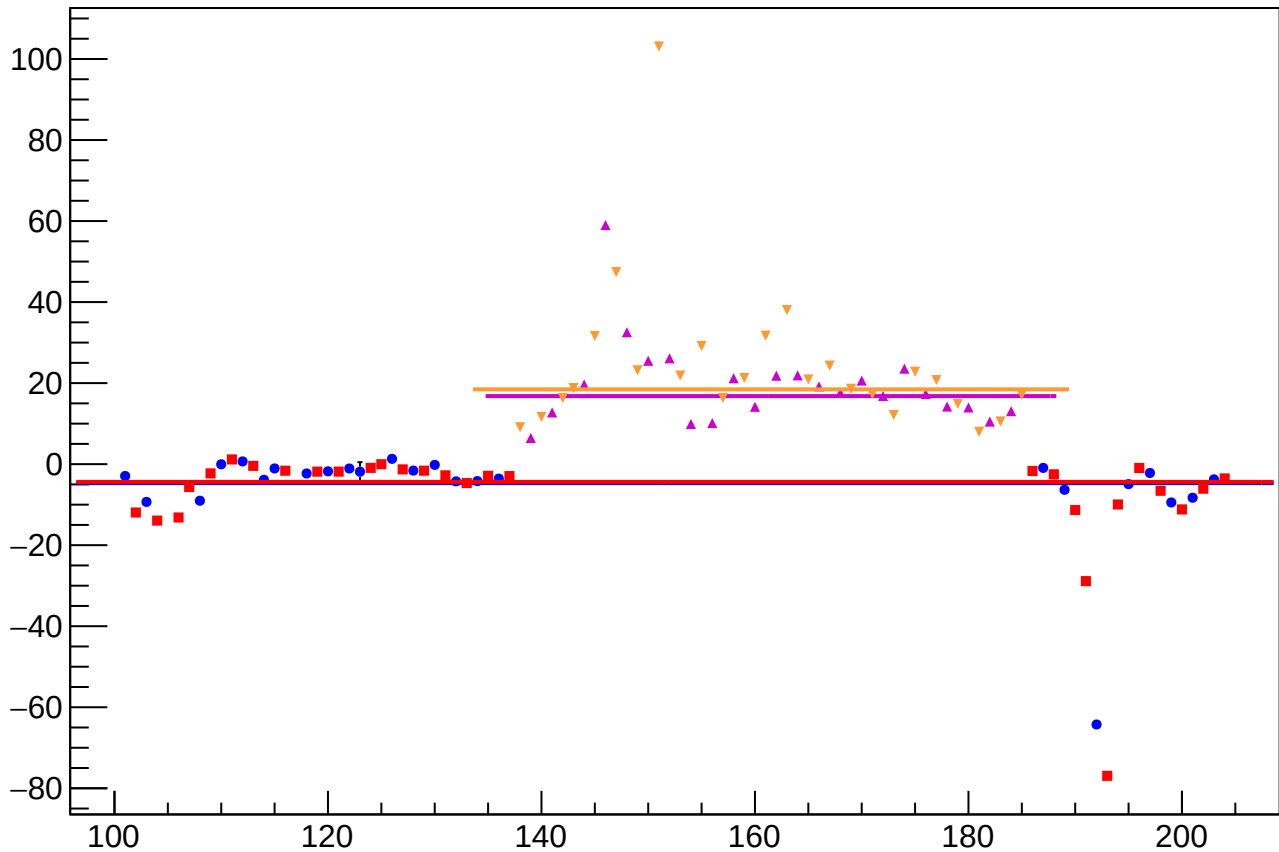
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.507 ± 0.028 χ^2/NDF : 9522.8/49

All: 0.391 ± 0.019 χ^2/NDF : 20107.0/101

- sign 0.288 ± 0.026 χ^2/NDF : 10551.4/51

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -4.676 ± 0.058 $\chi^2/\text{NDF}: 13322.8/24$

Left Out: 18.463 ± 0.040 $\chi^2/\text{NDF}: 77193.5/24$

Right Out: -4.375 ± 0.048 $\chi^2/\text{NDF}: 27598.3/28$

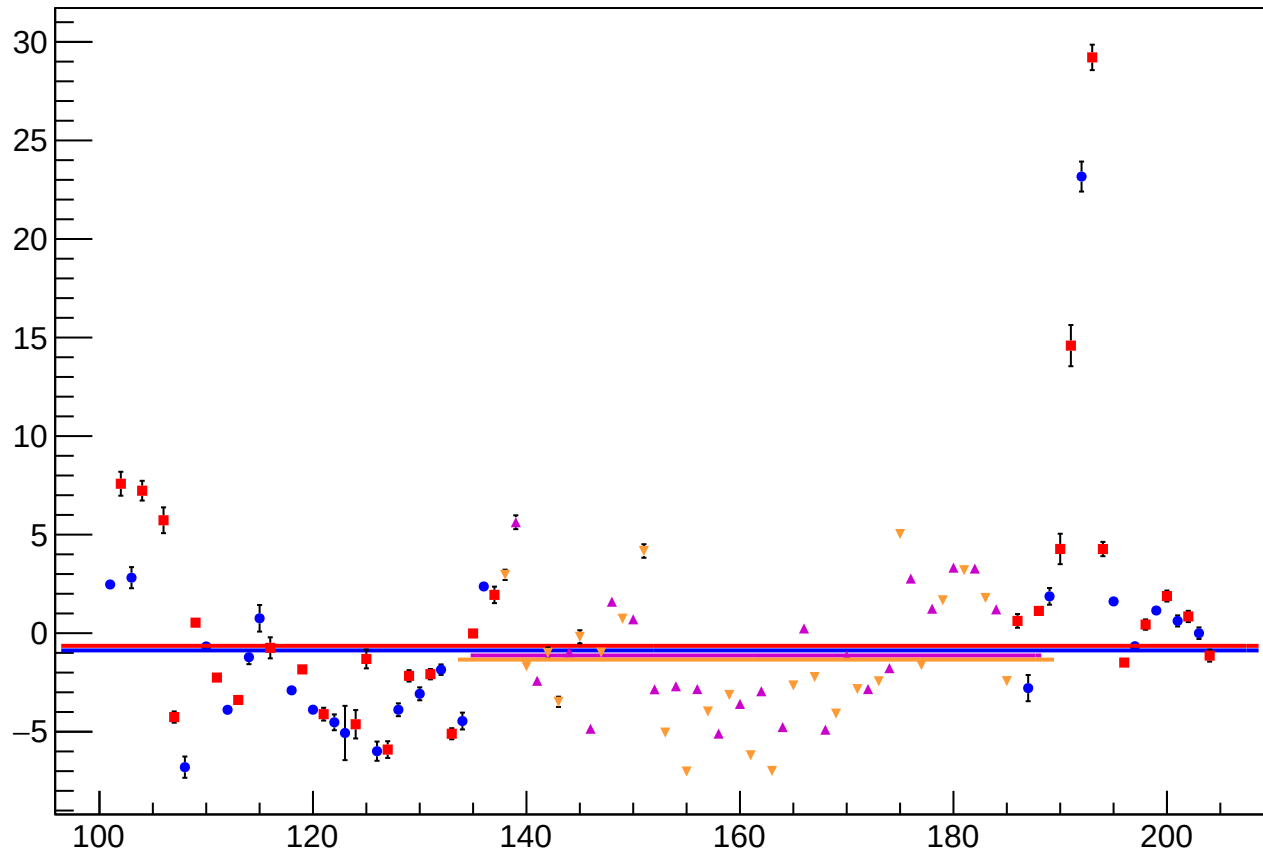
Left In: 16.798 ± 0.038 $\chi^2/\text{NDF}: 40258.9/22$

+ sign 11.012 ± 0.033 $\chi^2/\text{NDF}: 198681.2/49$

All: 9.633 ± 0.022 $\chi^2/\text{NDF}: 388924.8/101$

- sign 8.488 ± 0.030 $\chi^2/\text{NDF}: 187023.2/51$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -0.875 ± 0.060 χ^2/NDF : 2721.9/24

Left Out: -1.341 ± 0.037 χ^2/NDF : 7886.0/24

Right Out: -0.642 ± 0.055 χ^2/NDF : 4463.6/28

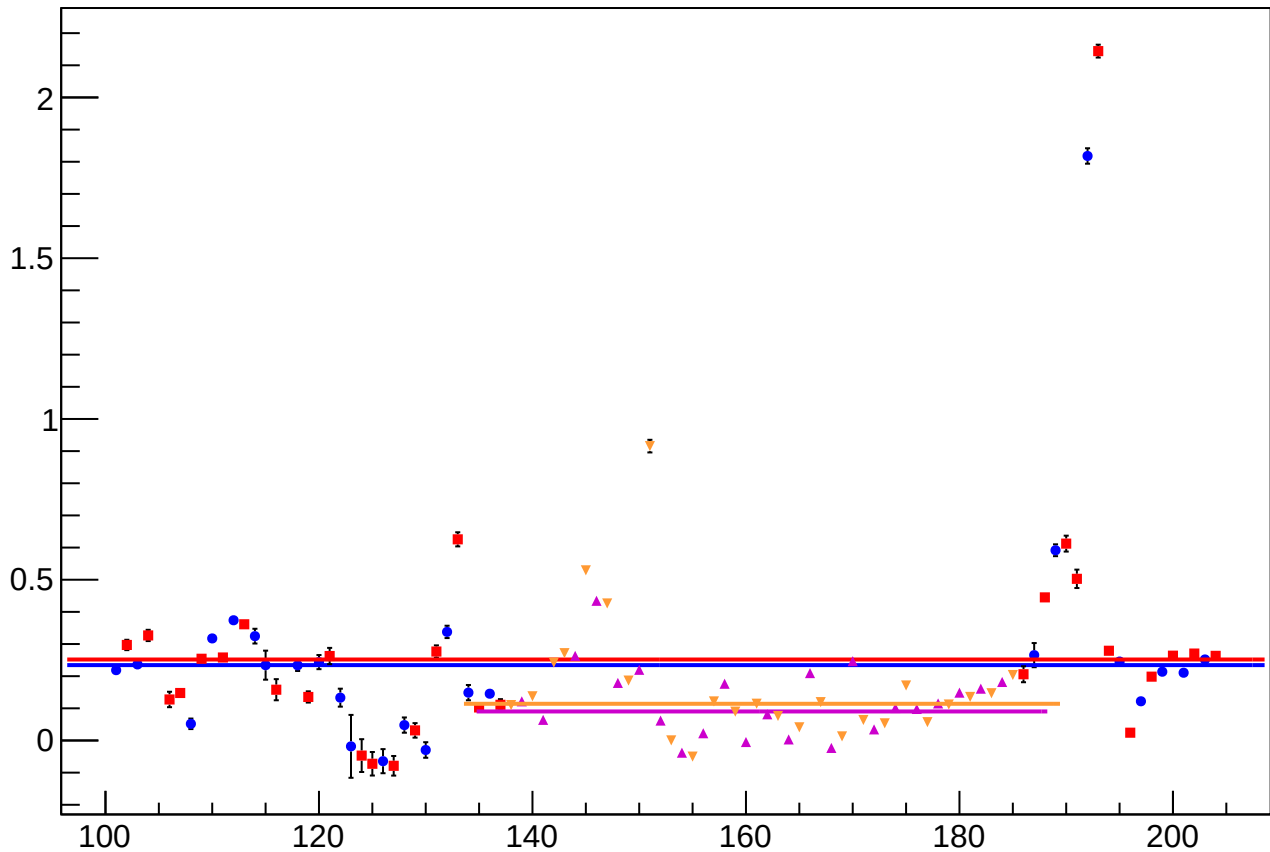
Left In: -1.132 ± 0.035 χ^2/NDF : 6743.4/22

+ sign -1.213 ± 0.031 χ^2/NDF : 10652.3/49

All: -1.096 ± 0.021 χ^2/NDF : 21941.8/101

- sign -0.993 ± 0.029 χ^2/NDF : 11263.2/51

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.234 $\pm$ 0.003 χ^2 /NDF: 5657.9/24

Left Out: 0.114 $\pm$ 0.002 χ^2 /NDF: 4382.5/24

Right Out: 0.252 $\pm$ 0.002 χ^2 /NDF: 11643.4/28

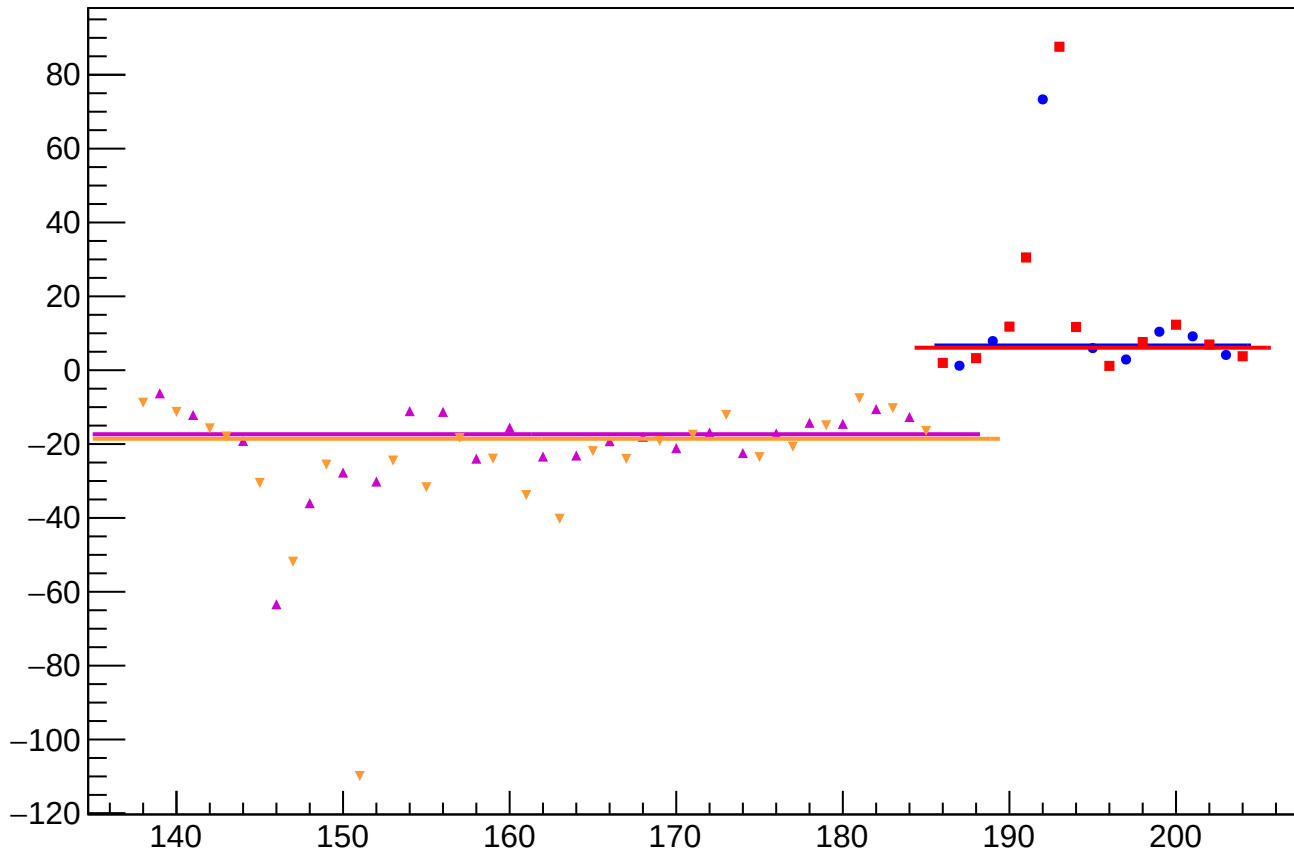
Left In: 0.090 $\pm$ 0.002 χ^2 /NDF: 3679.2/22

+ sign 0.147 $\pm$ 0.001 χ^2 /NDF: 11526.8/49

All: 0.141 $\pm$ 0.001 χ^2 /NDF: 29956.3/101

- sign 0.135 $\pm$ 0.001 χ^2 /NDF: 18385.7/51

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 6.693 ± 0.079 $\chi^2/\text{NDF}: 11537.0/7$

Left Out: -18.565 ± 0.040 $\chi^2/\text{NDF}: 86349.5/24$

Right Out: 6.089 ± 0.064 $\chi^2/\text{NDF}: 24995.9/10$

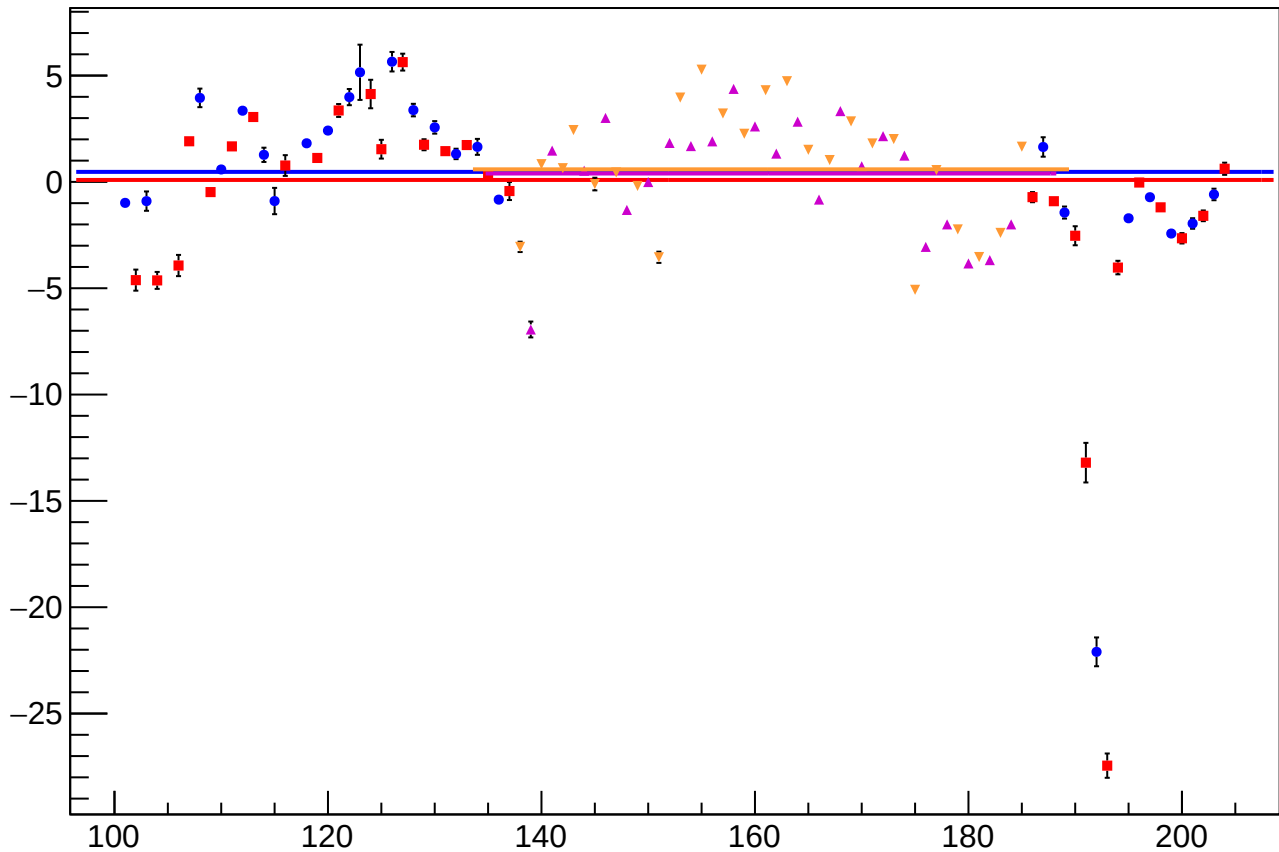
Left In: -17.335 ± 0.039 $\chi^2/\text{NDF}: 44078.7/22$

+ sign -13.332 ± 0.036 $\chi^2/\text{NDF}: 179917.8/32$

All: -12.082 ± 0.024 $\chi^2/\text{NDF}: 348304.8/66$

- sign -10.988 ± 0.033 $\chi^2/\text{NDF}: 166092.8/33$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 0.471 ± 0.051 χ^2/NDF : 2536.1/24

Left Out: 0.590 ± 0.033 χ^2/NDF : 6780.3/24

Right Out: 0.092 ± 0.048 χ^2/NDF : 4211.6/28

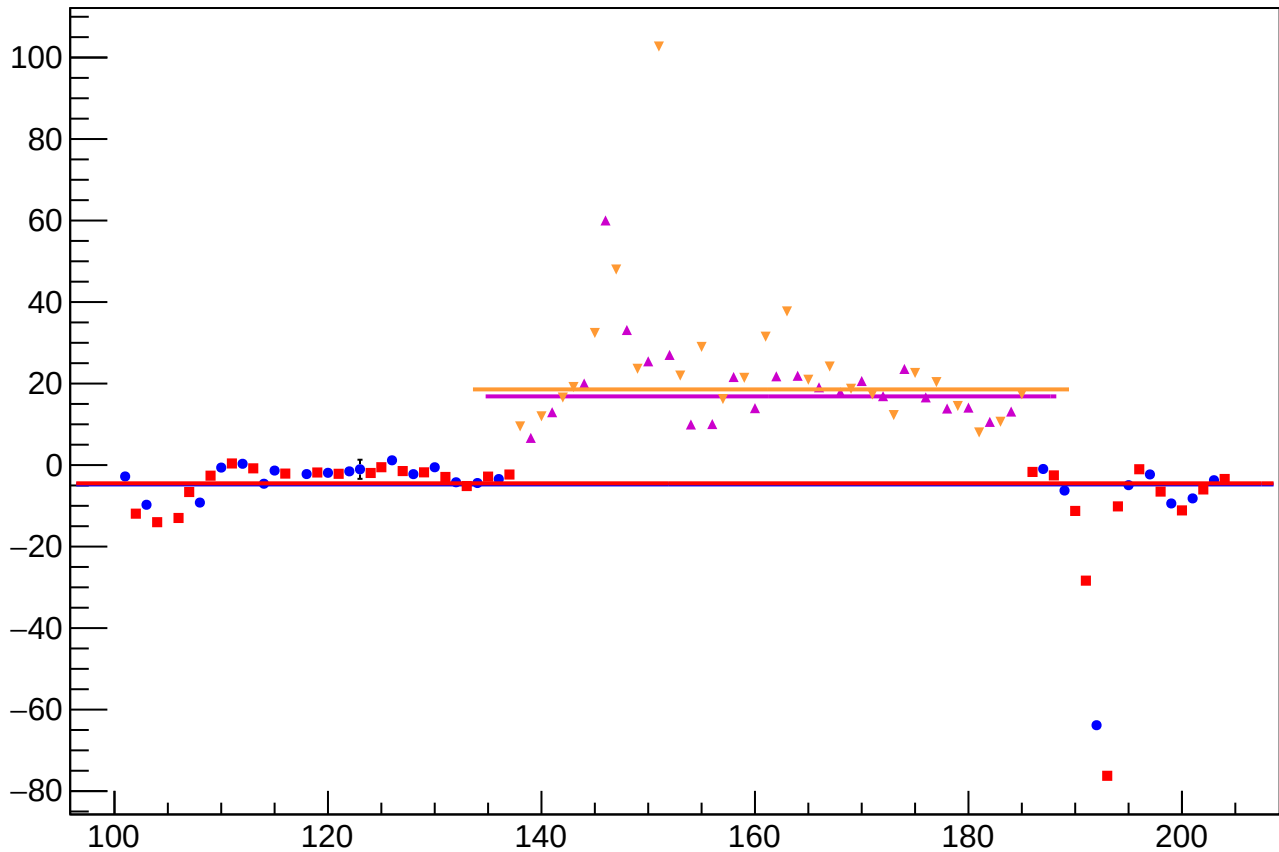
Left In: 0.394 ± 0.032 χ^2/NDF : 6112.7/22

+ sign 0.555 ± 0.028 χ^2/NDF : 9320.1/49

All: 0.422 ± 0.019 χ^2/NDF : 19715.3/101

- sign 0.303 ± 0.026 χ^2/NDF : 10352.1/51

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -4.753 ± 0.059 $\chi^2/\text{NDF}: 12802.4/24$

Left Out: 18.569 ± 0.040 $\chi^2/\text{NDF}: 75983.2/24$

Right Out: -4.475 ± 0.049 $\chi^2/\text{NDF}: 26713.5/28$

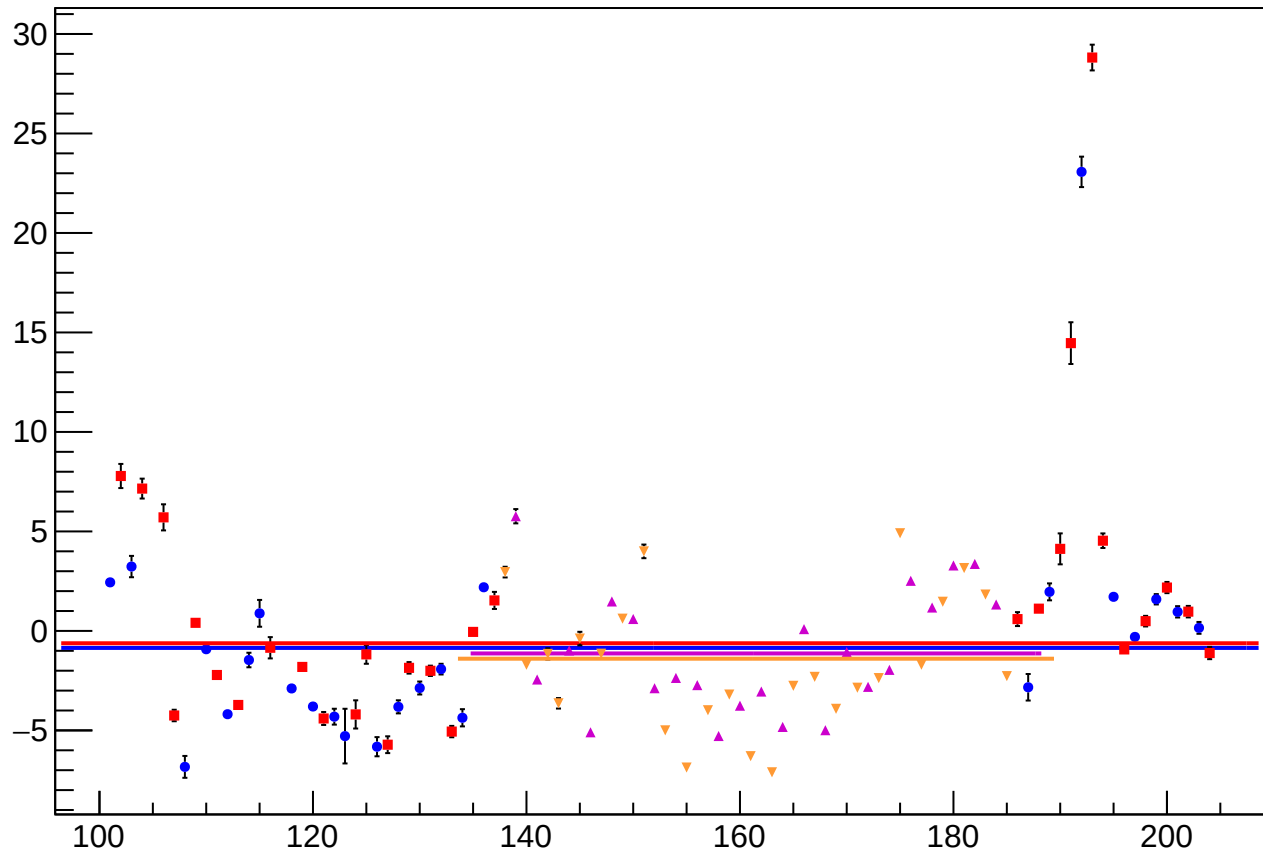
Left In: 16.854 ± 0.039 $\chi^2/\text{NDF}: 40590.0/22$

+ sign 11.090 ± 0.033 $\chi^2/\text{NDF}: 196200.1/49$

All: 9.697 ± 0.022 $\chi^2/\text{NDF}: 384697.9/101$

- sign 8.540 ± 0.030 $\chi^2/\text{NDF}: 185280.8/51$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -0.854 ± 0.060 χ^2/NDF : 2726.2/24

Left Out: -1.397 ± 0.037 χ^2/NDF : 7631.3/24

Right Out: -0.621 ± 0.056 χ^2/NDF : 4395.9/28

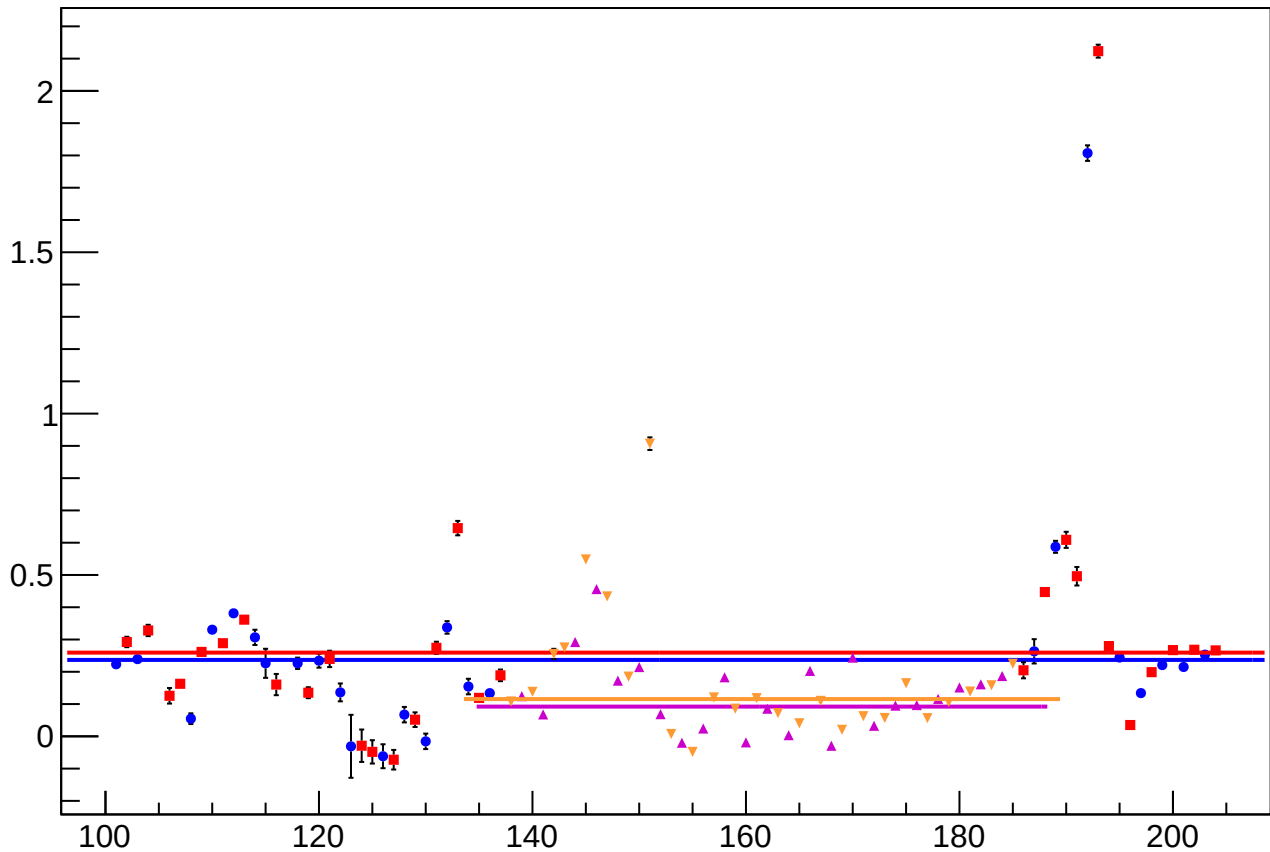
Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

+ sign -1.248 ± 0.032 χ^2/NDF : 10416.4/49

All: -1.111 ± 0.022 χ^2/NDF : 21546.3/101

- sign -0.988 ± 0.030 χ^2/NDF : 11093.9/51

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.237 ± 0.003 $\chi^2/\text{NDF}: 5485.0/24$

Left Out: 0.115 ± 0.002 $\chi^2/\text{NDF}: 4423.4/24$

Right Out: 0.259 ± 0.003 $\chi^2/\text{NDF}: 11117.0/28$

Left In: 0.092 ± 0.002 $\chi^2/\text{NDF}: 3632.6/22$

+ sign 0.149 ± 0.001 $\chi^2/\text{NDF}: 11385.6/49$

All: 0.143 ± 0.001 $\chi^2/\text{NDF}: 29356.3/101$

- sign 0.138 ± 0.001 $\chi^2/\text{NDF}: 17937.9/51$