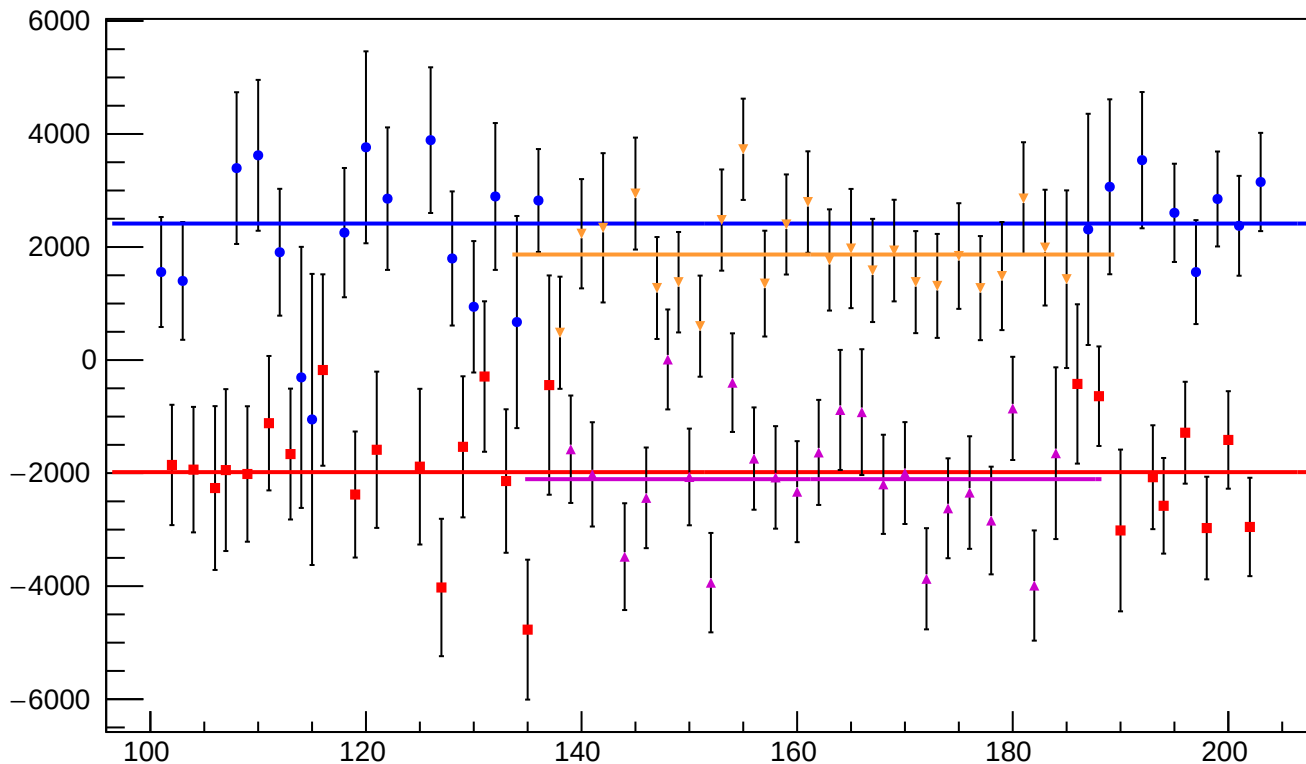


dit_asym_us_avg_mean vs Slug



Right In: 2415.321+/-235.873

χ^2/NDF : 14.6/23

Left Out: 1867.512+/-194.801

χ^2/NDF : 15.1/23

Right Out: -1982.826+/-221.387

χ^2/NDF : 20.3/25

Left In: -2107.246+/-194.959

χ^2/NDF : 30.0/22

+ sign 2089.645+/-150.200

χ^2/NDF : 32.9/47

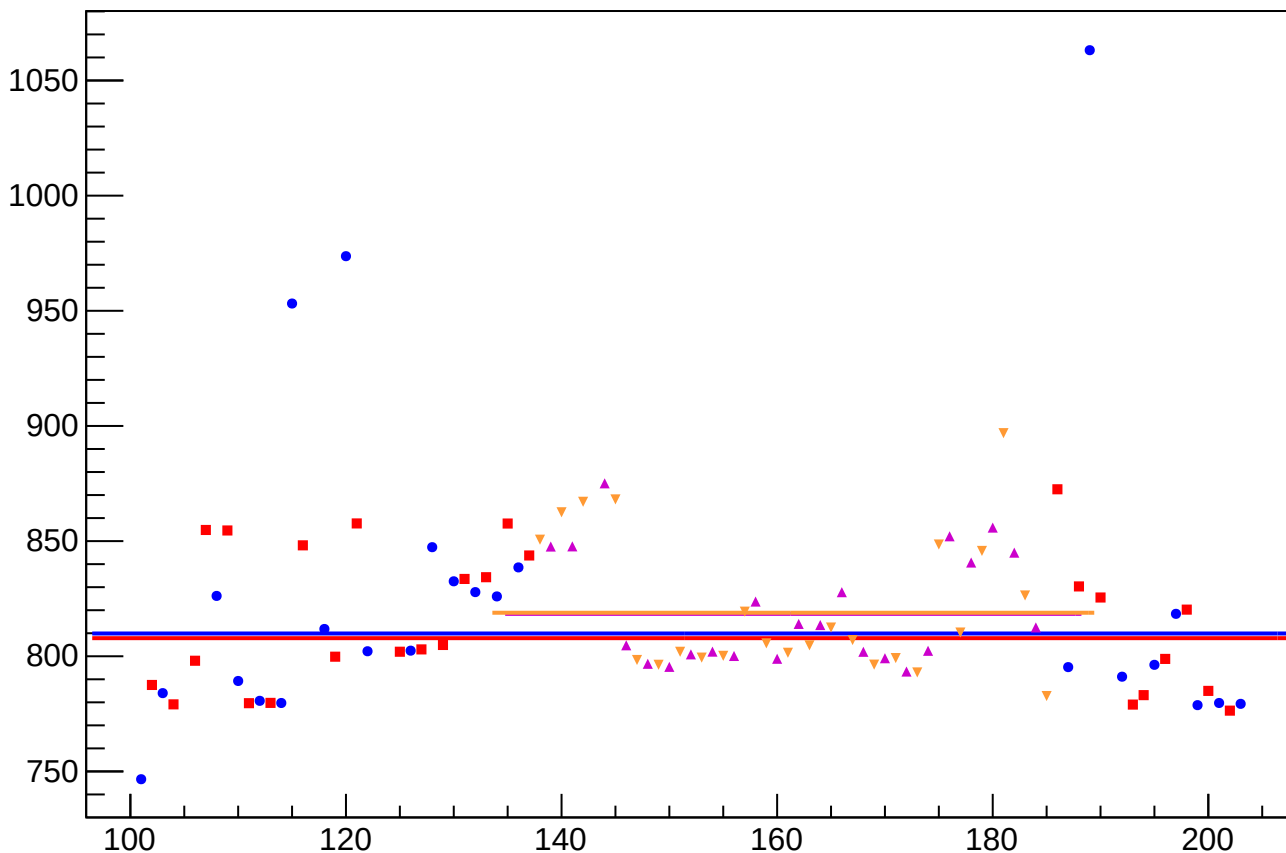
All: -35.924+/-104.806

χ^2/NDF : 473.7/96

- sign -2052.902+/-146.313

χ^2/NDF : 50.5/48

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: 807.860 $\pm$ 0.157 χ^2 /NDF: 33198.9/25

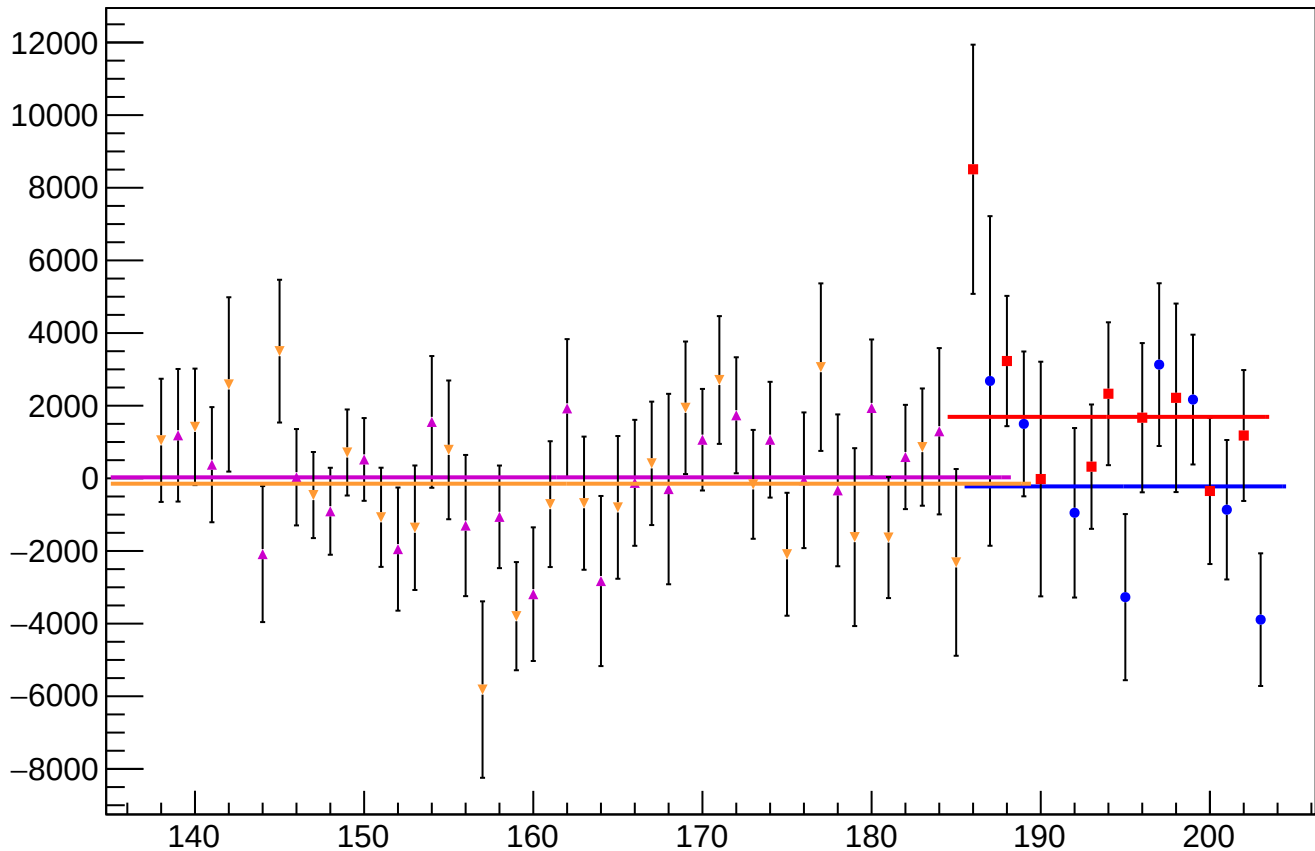
Left In: 818.403 $\pm$ 0.138 χ^2 /NDF: 29907.0/22

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

All: 814.503 $\pm$ 0.074 χ^2 /NDF: 213904.8/96

- sign 813.798 $\pm$ 0.103 χ^2 /NDF: 65660.3/48

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: 1692.425 ± 701.551 χ^2/NDF : 6.9/8

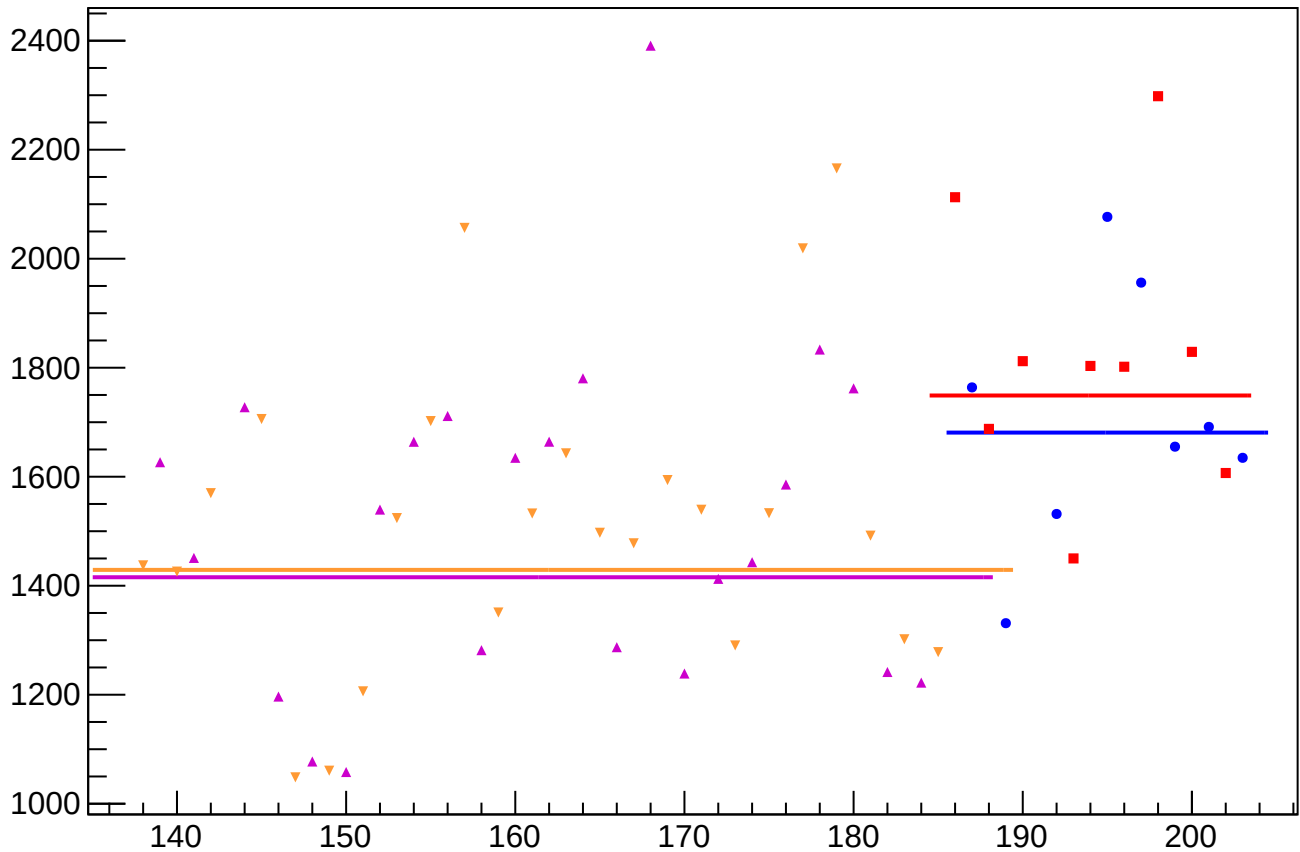
Left In: 27.722 ± 344.229 χ^2/NDF : 14.8/22

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

All: 100.456 ± 220.869 χ^2/NDF : 68.1/63

- sign 350.741 ± 309.033 χ^2/NDF : 26.2/31

asym_us_avg_correction_rms vs Slug



Right In: 1680.979 $\pm$ 0.533 χ^2 /NDF: 162220.0/7

Left Out: 1429.065 $\pm$ 0.246 χ^2 /NDF: 1106949.6/23

Right Out: 1749.023 $\pm$ 0.496 χ^2 /NDF: 194592.4/8

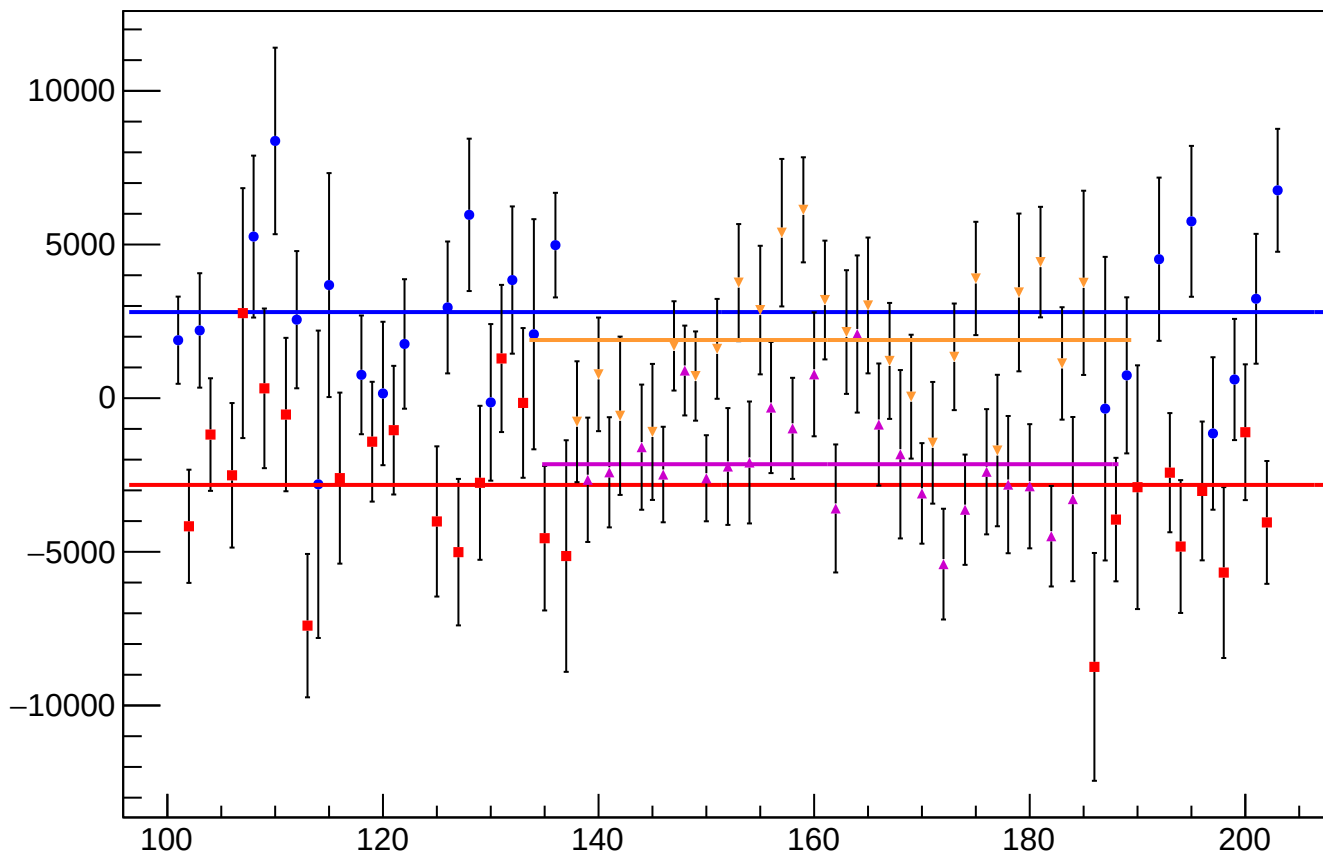
Left In: 1415.555 $\pm$ 0.243 χ^2 /NDF: 1245603.5/22

+ sign 1473.243 $\pm$ 0.223 χ^2 /NDF: 1453227.2/31

All: 1476.828 $\pm$ 0.156 χ^2 /NDF: 3258123.8/63

- sign 1480.261 $\pm$ 0.219 χ^2 /NDF: 1804391.9/31

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: -2822.647 $\pm$ 461.830 χ^2 /NDF: 22.6/25

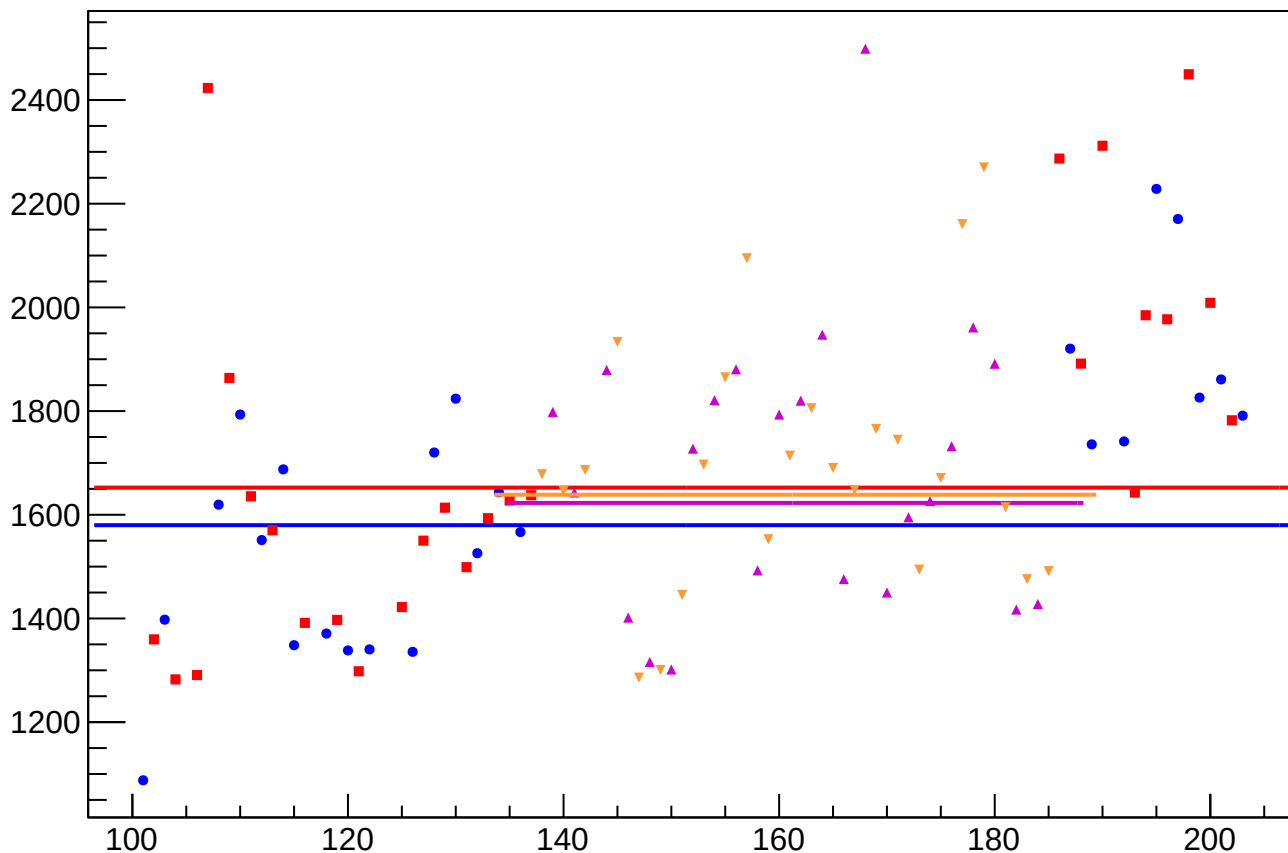
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

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

All: -105.552 $\pm$ 212.361 χ^2 /NDF: 217.1/96

- sign -2430.780 $\pm$ 298.731 χ^2 /NDF: 42.3/48

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: 1652.381 $\pm$ 0.327 χ^2 /NDF: 863638.1/25

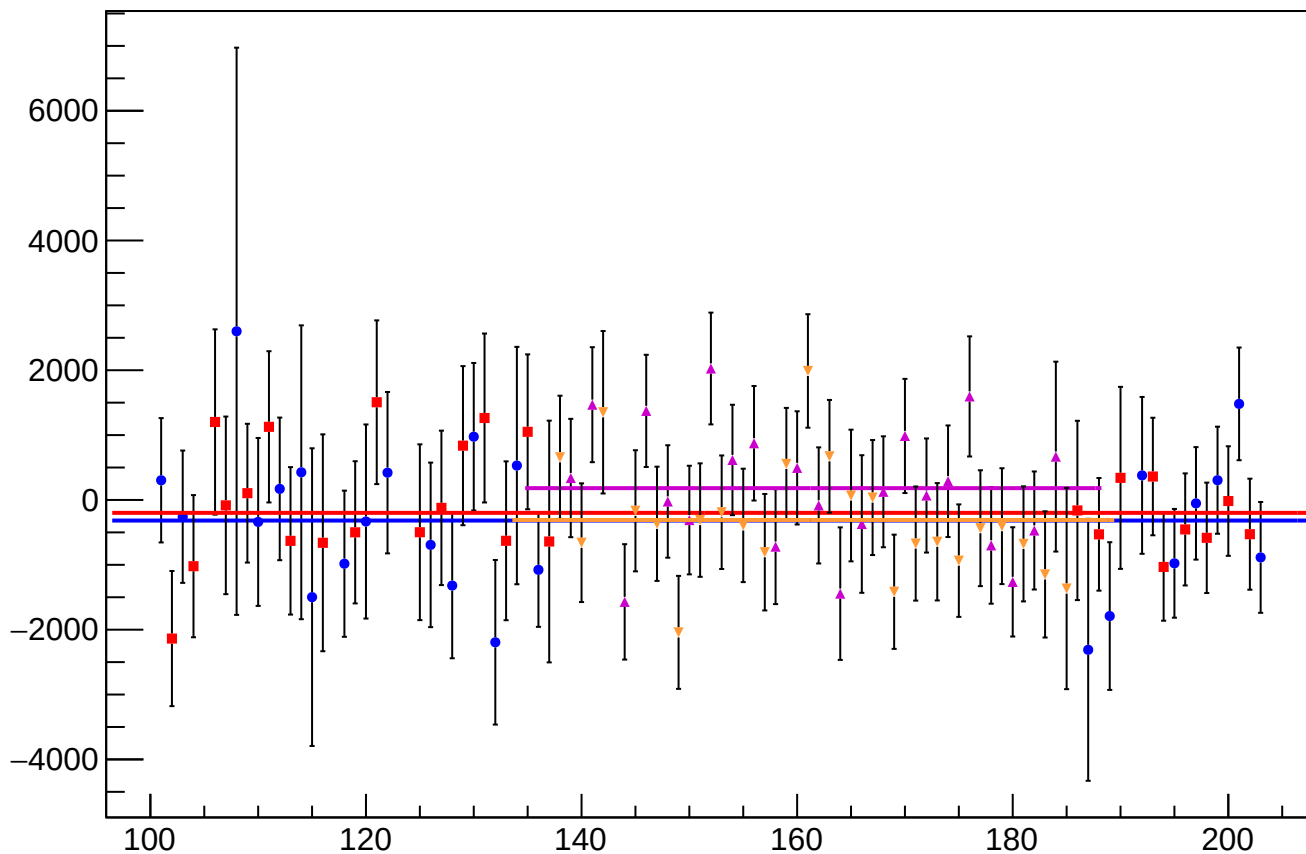
Left In: 1622.876 $\pm$ 0.277 χ^2 /NDF: 780522.2/22

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

All: 1624.870 $\pm$ 0.150 χ^2 /NDF: 3112986.3/96

- sign 1635.221 $\pm$ 0.211 χ^2 /NDF: 1648907.9/48

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: -198.863 $\pm$ 214.870 χ^2 /NDF: 14.0/25

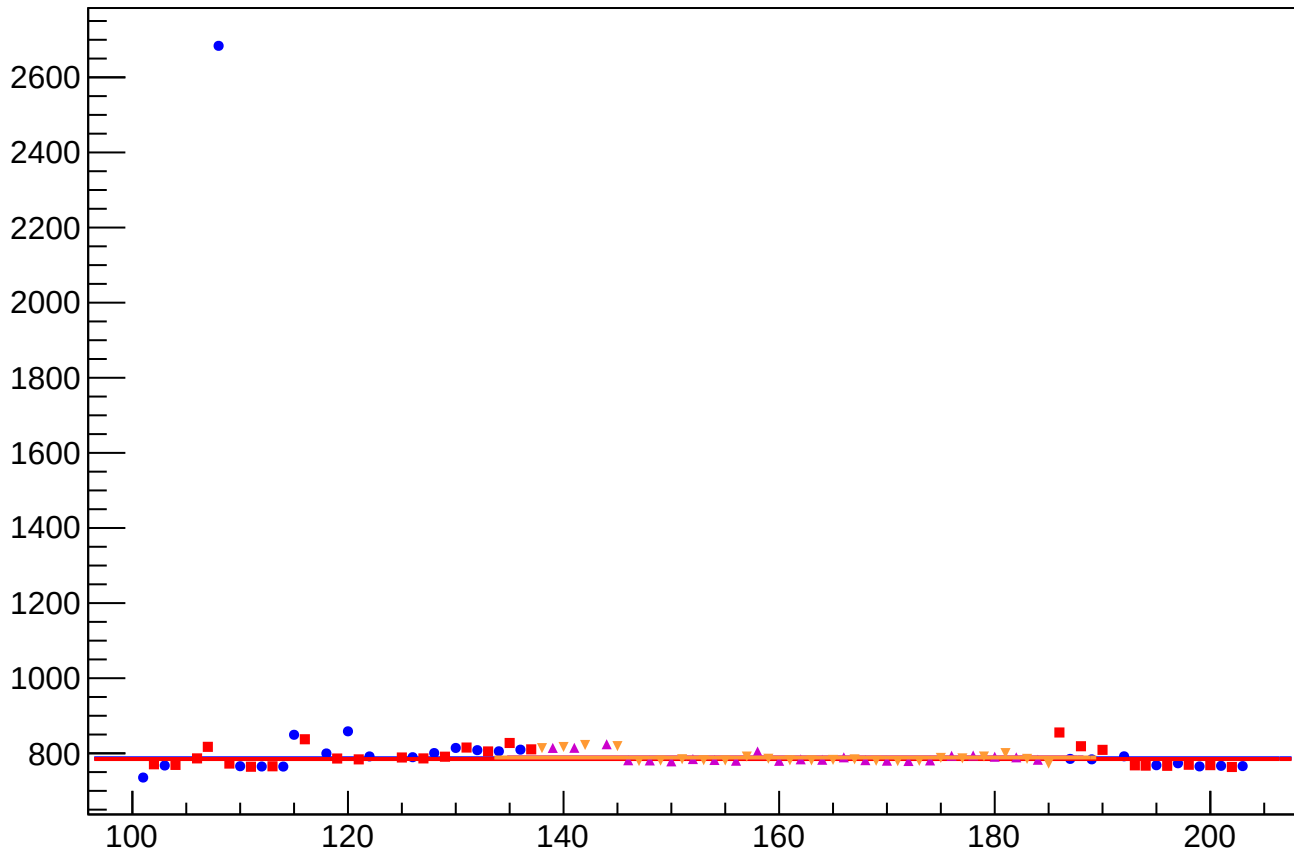
Left In: 181.983 $\pm$ 187.935 χ^2 /NDF: 25.6/22

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

All: -143.113 $\pm$ 101.406 χ^2 /NDF: 81.0/96

- sign 16.913 $\pm$ 141.460 χ^2 /NDF: 41.3/48

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: 784.734 $\pm$ 0.152 χ^2 /NDF: 23981.7/25

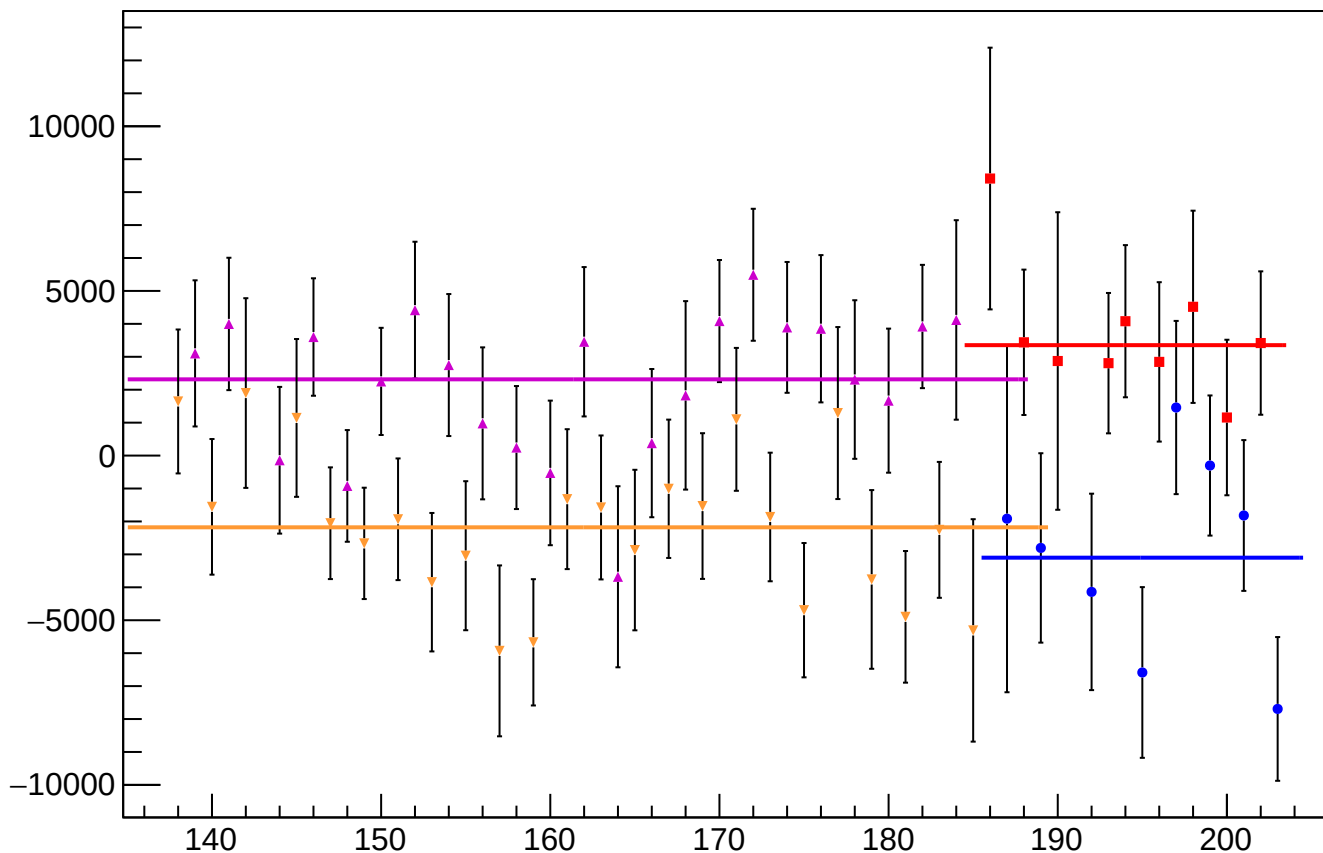
Left In: 789.406 $\pm$ 0.133 χ^2 /NDF: 9219.1/22

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

All: 787.706 $\pm$ 0.072 χ^2 /NDF: 442835.5/96

- sign 787.381 $\pm$ 0.100 χ^2 /NDF: 33736.7/48

asym_us_dd_correction_mean vs Slug



Right In: -3100.244 ± 918.857 $\chi^2/\text{NDF}: 11.5/7$

Left Out: -2178.467 ± 439.661 $\chi^2/\text{NDF}: 22.7/23$

Right Out: 3353.231 ± 844.117 $\chi^2/\text{NDF}: 2.9/8$

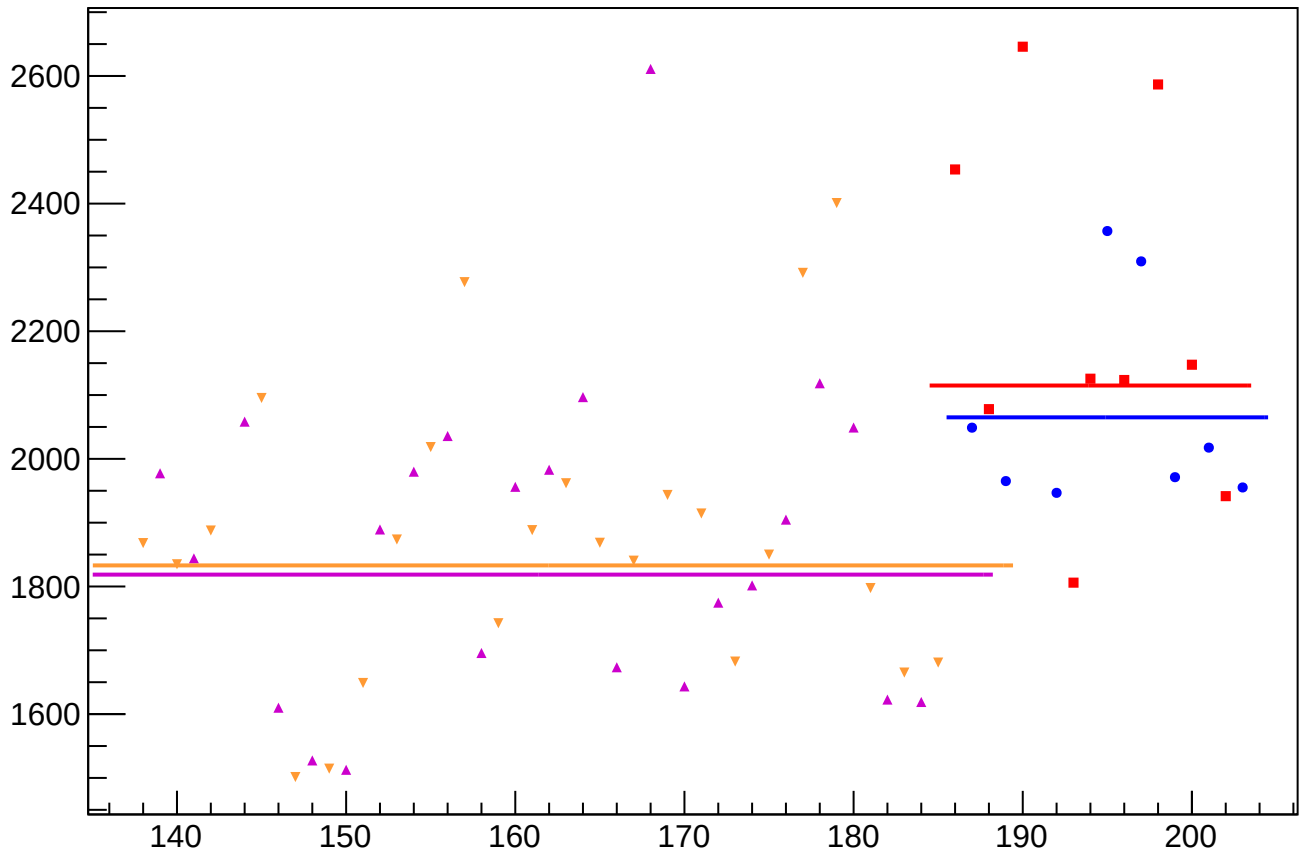
Left In: 2315.169 ± 437.003 $\chi^2/\text{NDF}: 22.0/22$

+ sign -2350.191 ± 396.598 $\chi^2/\text{NDF}: 35.0/31$

All: 145.215 ± 277.377 $\chi^2/\text{NDF}: 138.6/63$

- sign 2534.582 ± 388.080 $\chi^2/\text{NDF}: 26.1/31$

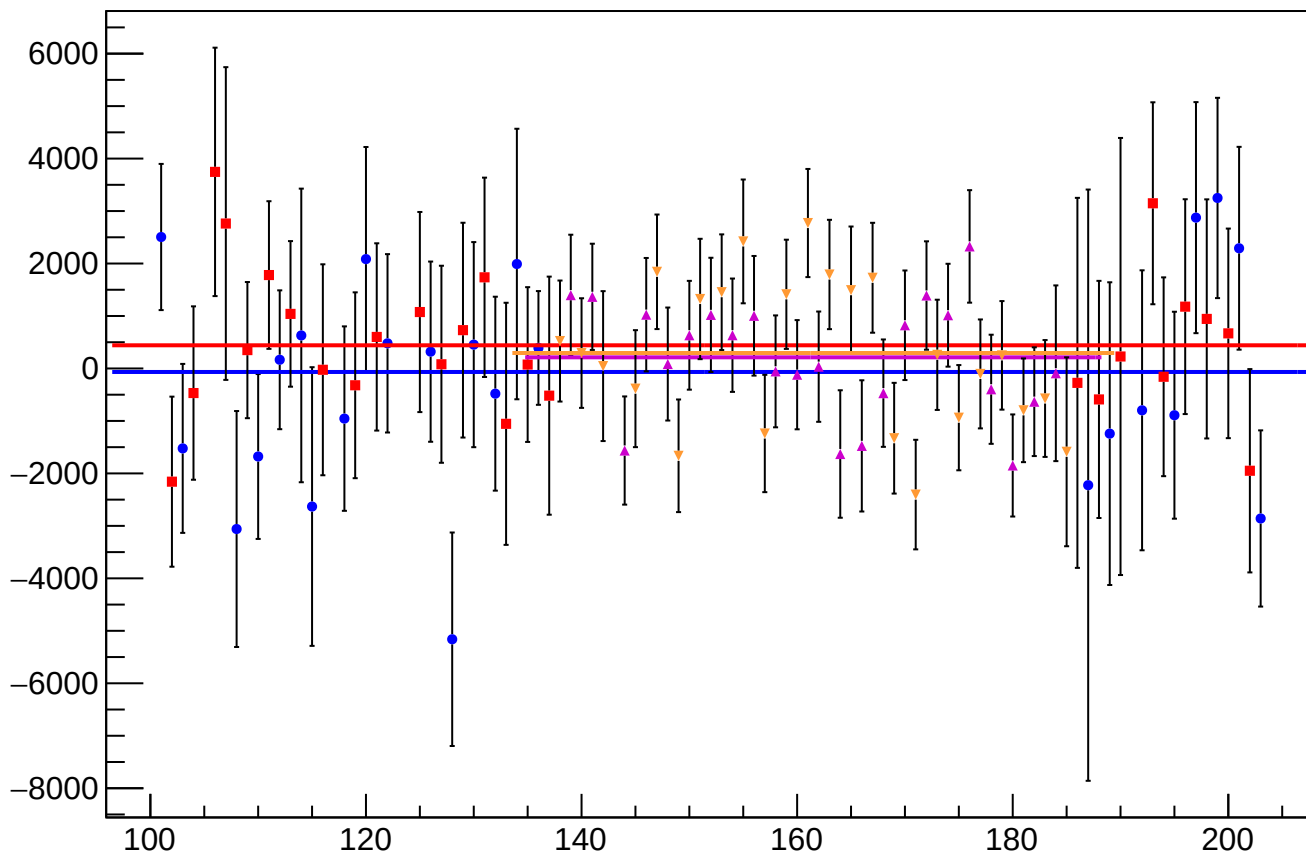
asym_us_dd_correction_rms vs Slug



Right In: 2065.052 $\pm$ 0.650 χ^2 /NDF: 58039.4/7
 Left Out: 1833.028 $\pm$ 0.311 χ^2 /NDF: 465466.9/23
 Right Out: 2114.926 $\pm$ 0.597 χ^2 /NDF: 150110.9/8
 Left In: 1818.594 $\pm$ 0.309 χ^2 /NDF: 536826.7/22

+ sign 1876.253 $\pm$ 0.280 χ^2 /NDF: 627275.5/31
 All: 1878.795 $\pm$ 0.196 χ^2 /NDF: 1508755.4/63
 - sign 1881.229 $\pm$ 0.274 χ^2 /NDF: 881319.1/31

asym_us_dd_mean vs Slug



Right In: -66.934 ± 377.334 $\chi^2/\text{NDF}: 26.3/23$

Left Out: 294.652 ± 224.344 $\chi^2/\text{NDF}: 38.3/23$

Right Out: 441.574 ± 370.511 $\chi^2/\text{NDF}: 12.1/25$

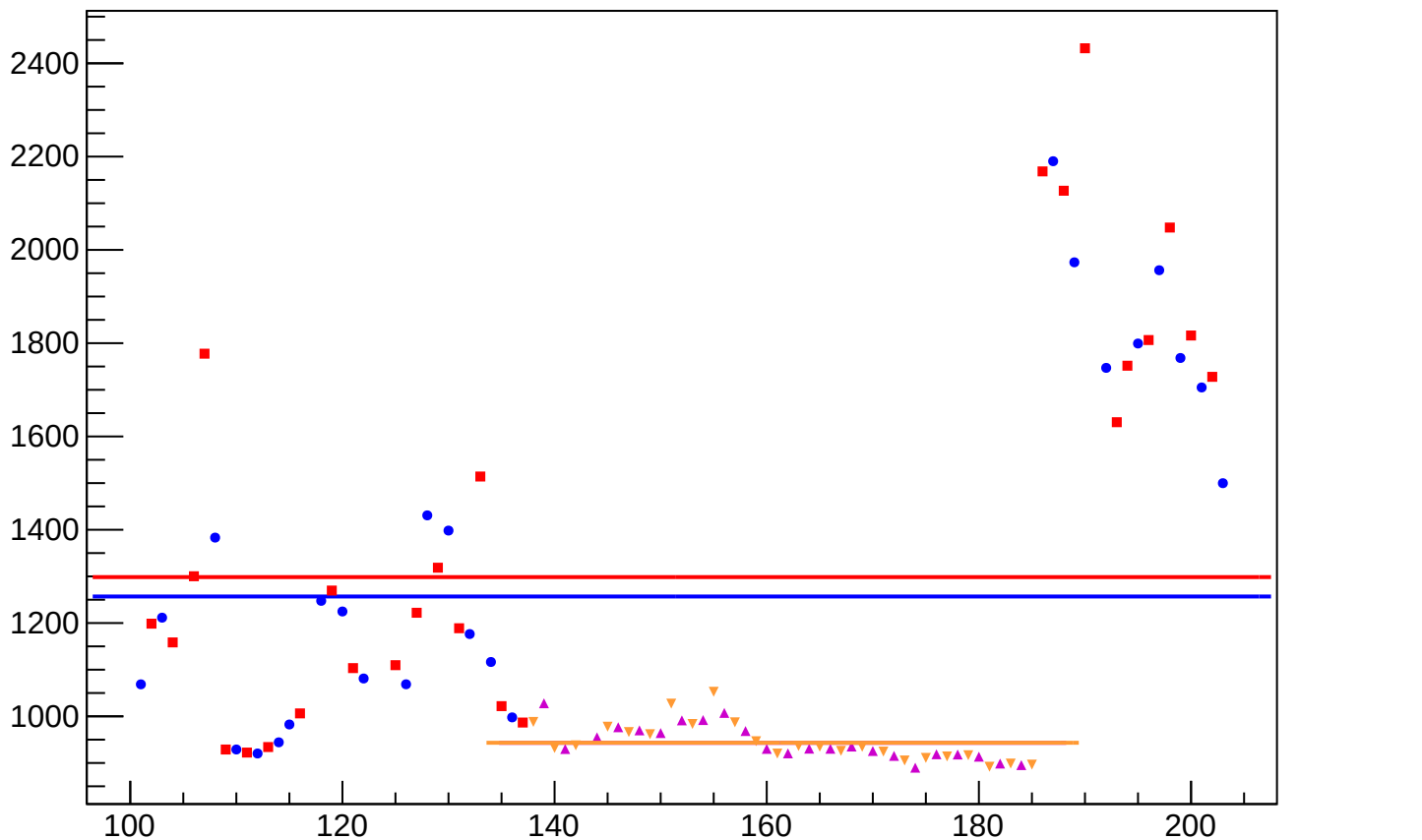
Left In: 212.080 ± 224.701 $\chi^2/\text{NDF}: 23.7/22$

+ sign 200.216 ± 192.836 $\chi^2/\text{NDF}: 65.3/47$

All: 237.138 ± 136.105 $\chi^2/\text{NDF}: 101.5/96$

- sign 273.790 ± 192.129 $\chi^2/\text{NDF}: 36.1/48$

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: 1298.517+/-0.262 χ^2/NDF : 2023968.8/25

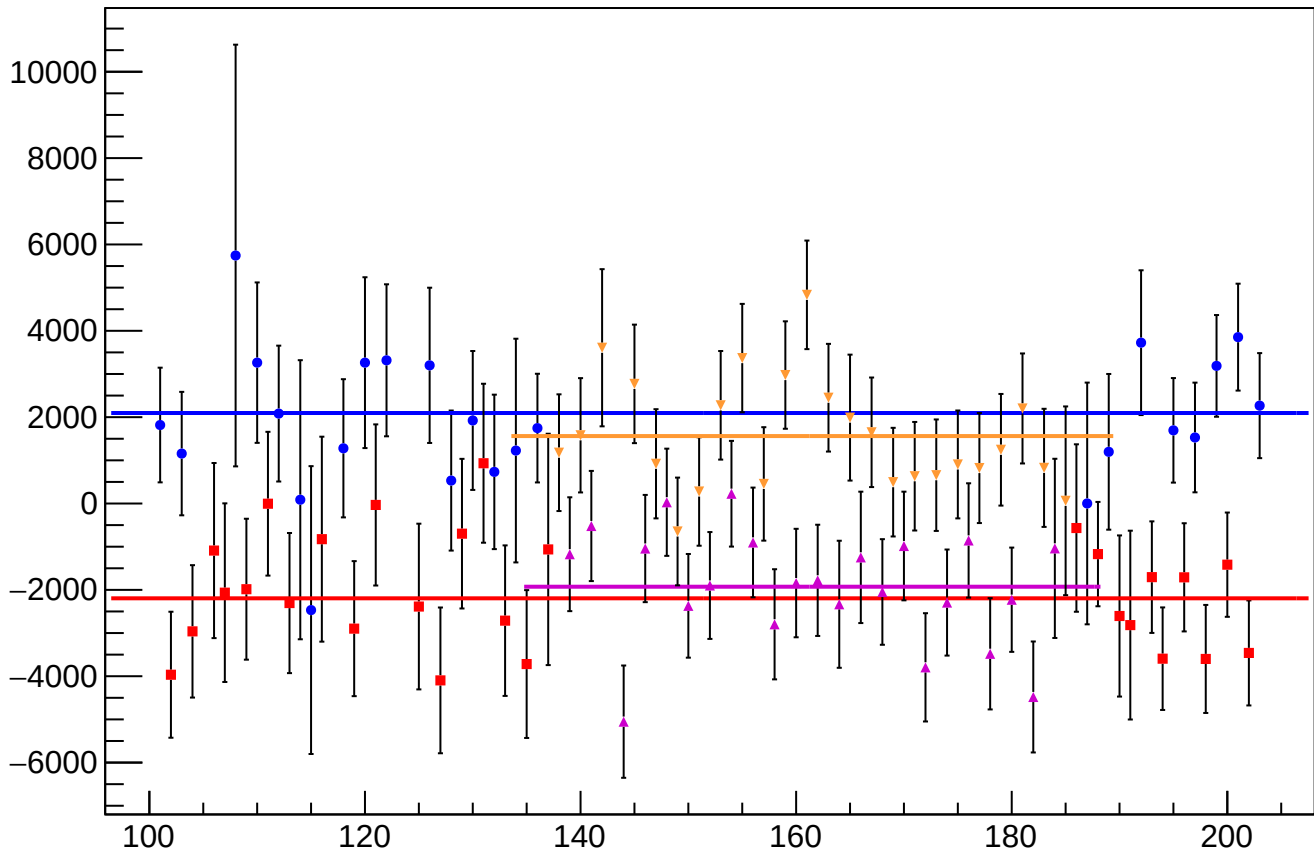
Left In: 943.137+/-0.159 χ^2/NDF : 49948.2/22

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

All: 1031.986+/-0.096 χ^2/NDF : 5899262.9/96

- sign 1038.697+/-0.136 χ^2/NDF : 3419135.5/48

dit_asym_usl_mean vs Slug



Right In: 2096.267 $\pm$ 328.667 χ^2 /NDF: 11.8/23

Left Out: 1562.090 $\pm$ 269.272 χ^2 /NDF:21.8/23

Right Out: -2195.687 $\pm$ 304.076 χ^2 /NDF: 17.6/26

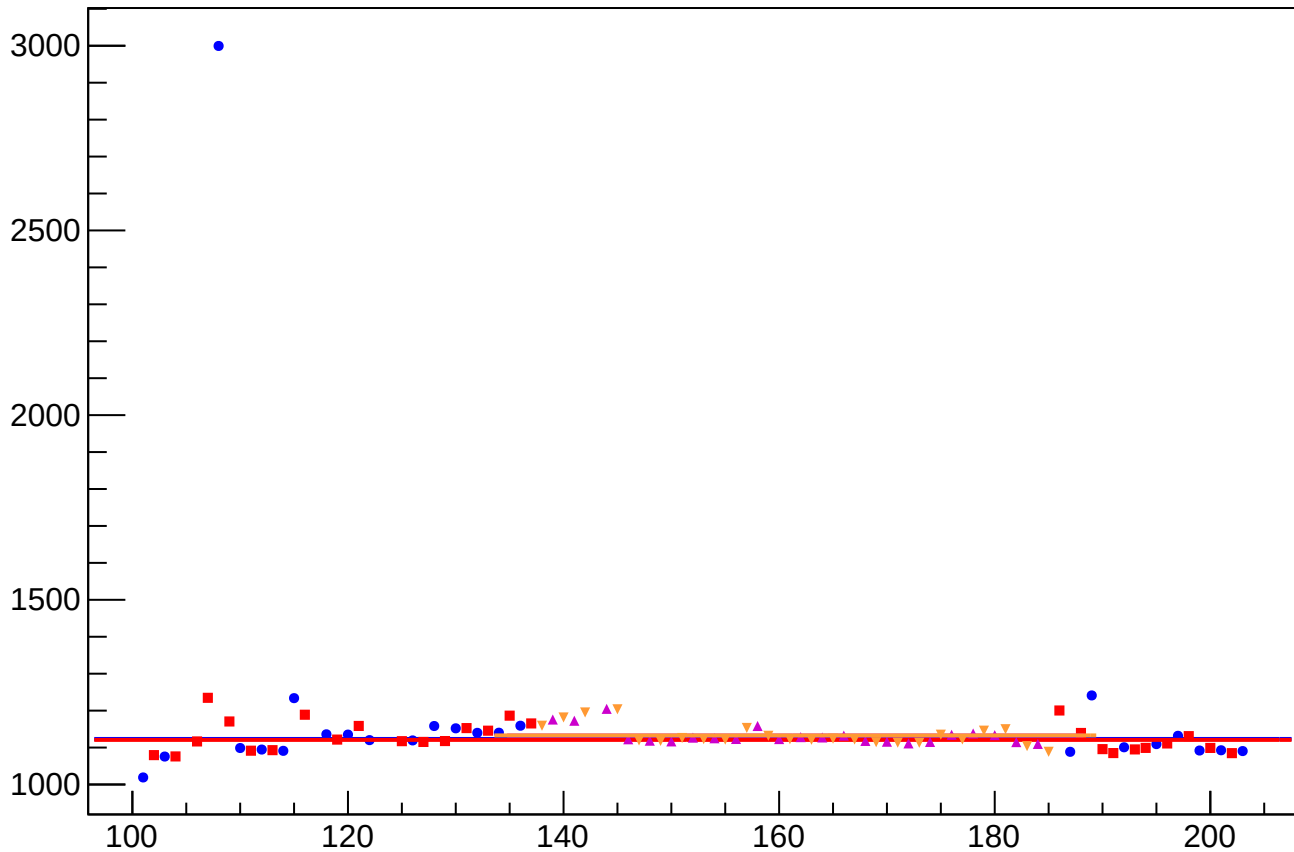
Left In: -1926.929 $\pm$ 269.667 χ^2 /NDF:24.1/22

+ sign 1776.636 $\pm$ 208.293 χ^2 /NDF: 35.2/47

All: -195.207 $\pm$ 144.919 χ^2 /NDF: 251.0/97

- sign -2045.248 $\pm$ 201.757 χ^2 /NDF: 42.2/49

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: 1120.773 $\pm$ 0.215 χ^2 /NDF: 28293.2/26

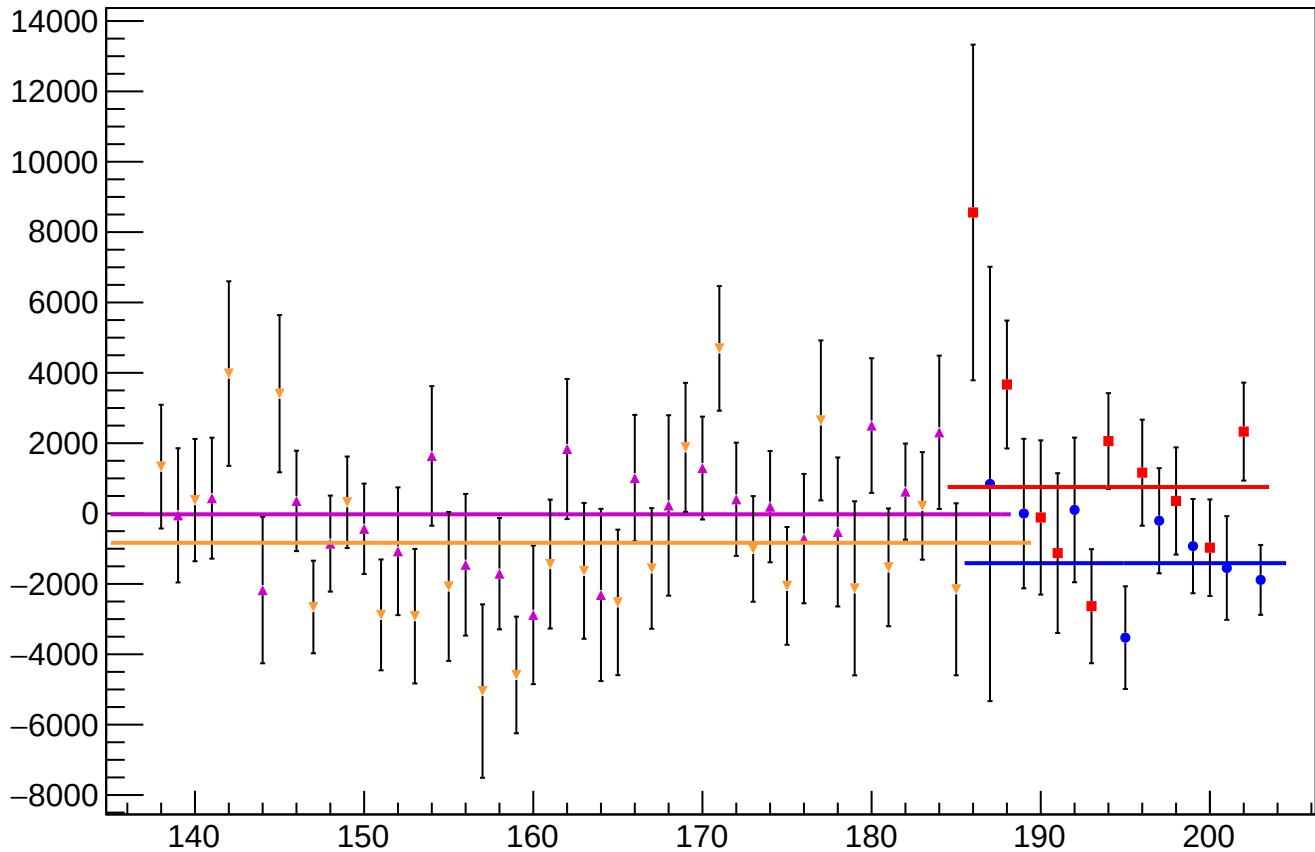
Left In: 1132.570 $\pm$ 0.191 χ^2 /NDF: 14524.8/22

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

All: 1128.172 $\pm$ 0.102 χ^2 /NDF: 392845.8/97

- sign 1127.376 $\pm$ 0.143 χ^2 /NDF: 44503.2/49

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: 754.315 ± 528.222 χ^2/NDF : 14.4/9

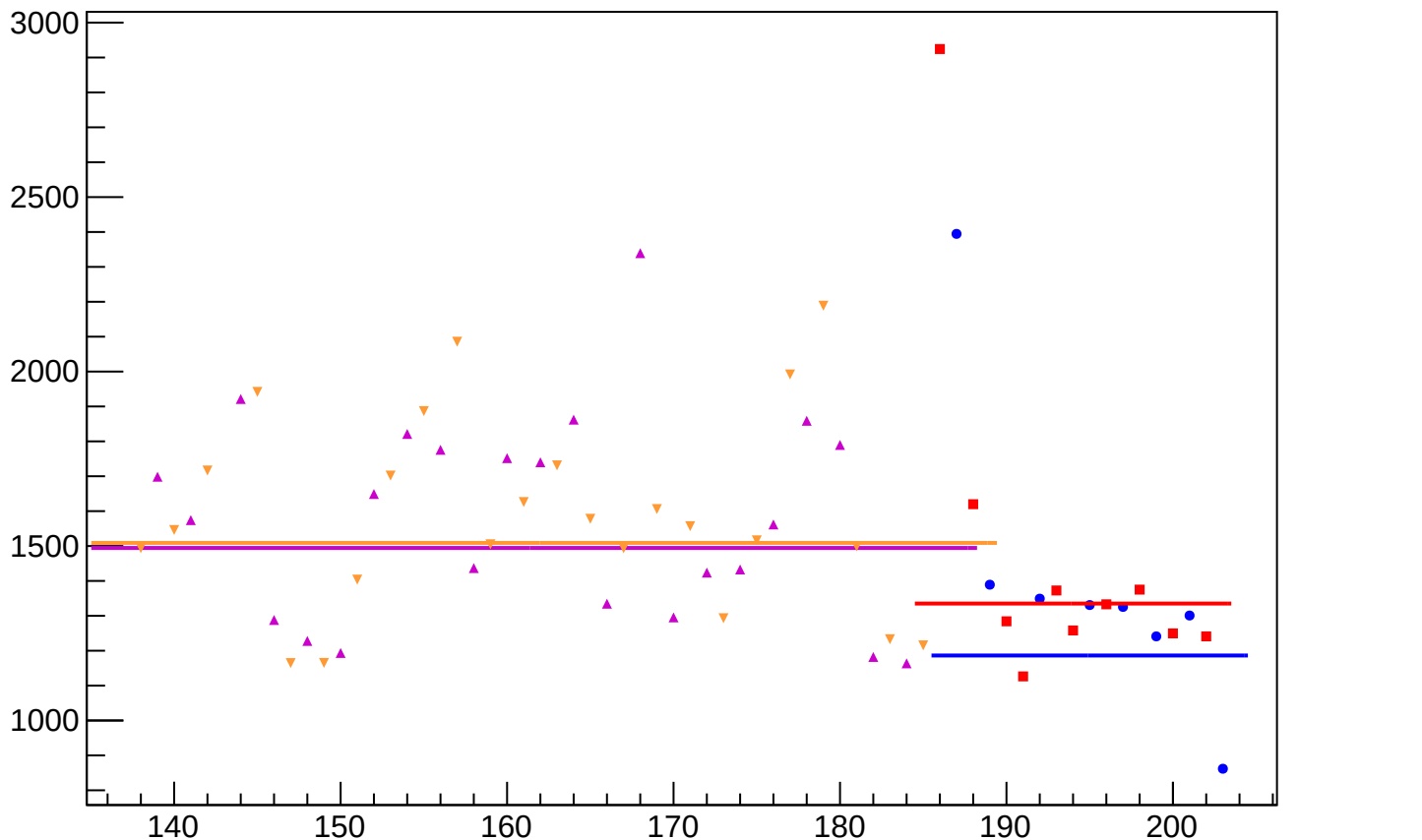
Left In: -21.419 ± 362.476 χ^2/NDF : 12.8/22

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

All: -384.749 ± 212.770 χ^2/NDF : 82.2/64

- sign 226.926 ± 298.874 χ^2/NDF : 28.6/32

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: 1335.173+/-0.374 χ^2/NDF : 314768.8/9

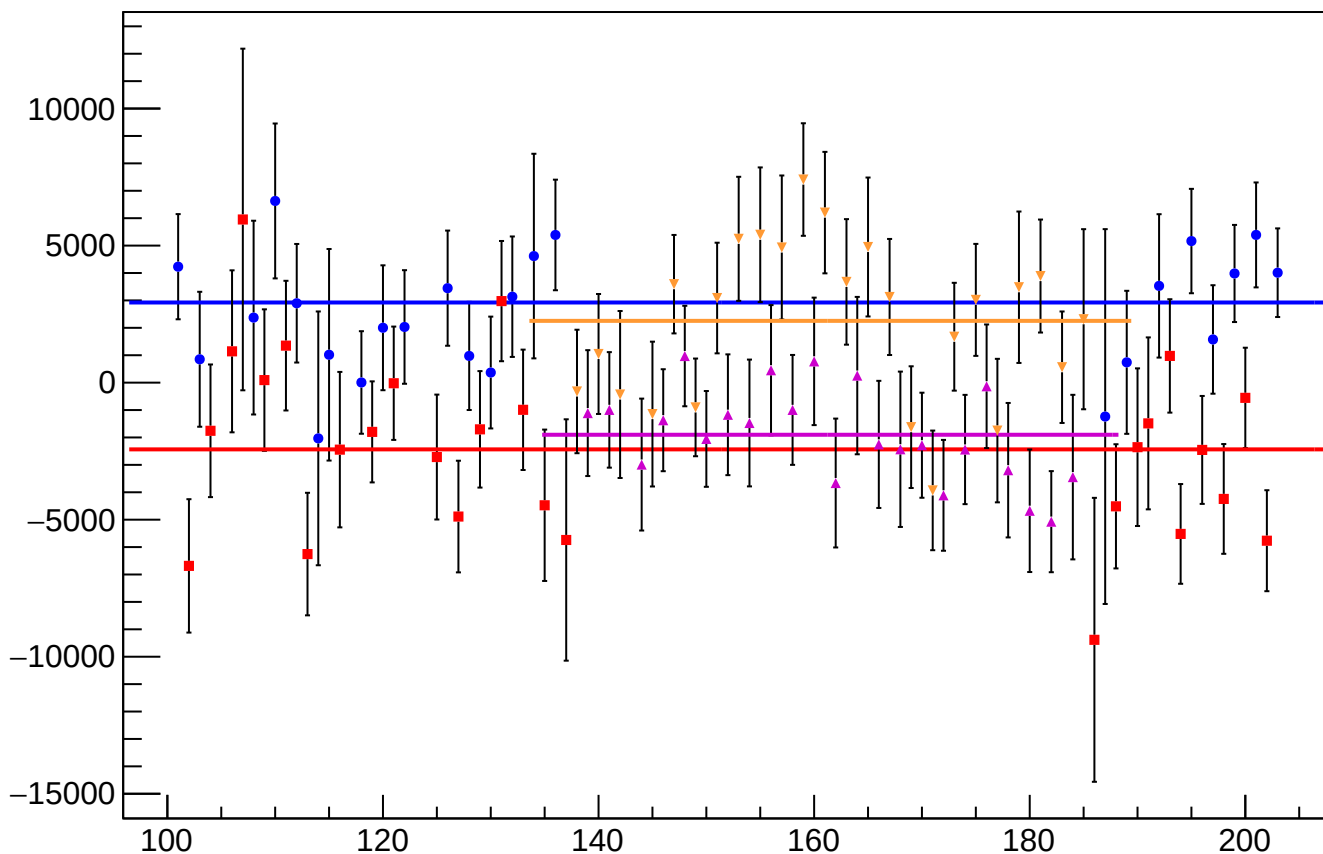
Left In: 1494.507+/-0.256 χ^2/NDF : 1096280.5/22

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

All: 1425.652+/-0.150 χ^2/NDF : 3400827.0/64

- sign 1443.497+/-0.211 χ^2/NDF : 1534767.1/32

asym_usl_mean vs Slug



Right In: 2924.205 ± 458.914 $\chi^2/\text{NDF}: 16.8/23$

Left Out: 2253.979 ± 456.390 $\chi^2/\text{NDF}: 38.7/23$

Right Out: -2434.940 ± 446.958 $\chi^2/\text{NDF}: 37.0/26$

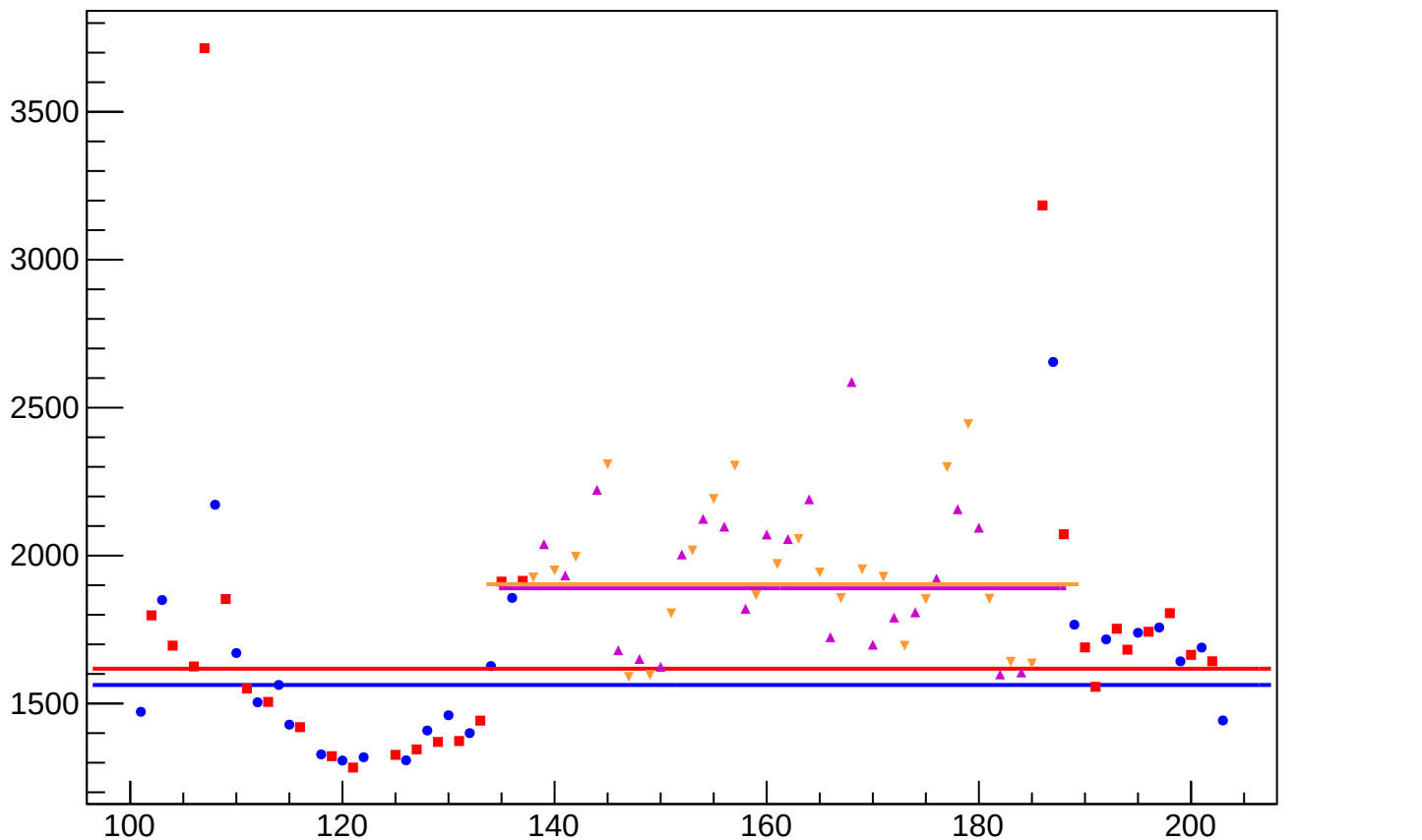
Left In: -1901.797 ± 453.879 $\chi^2/\text{NDF}: 13.9/22$

+ sign 2587.244 ± 323.605 $\chi^2/\text{NDF}: 56.6/47$

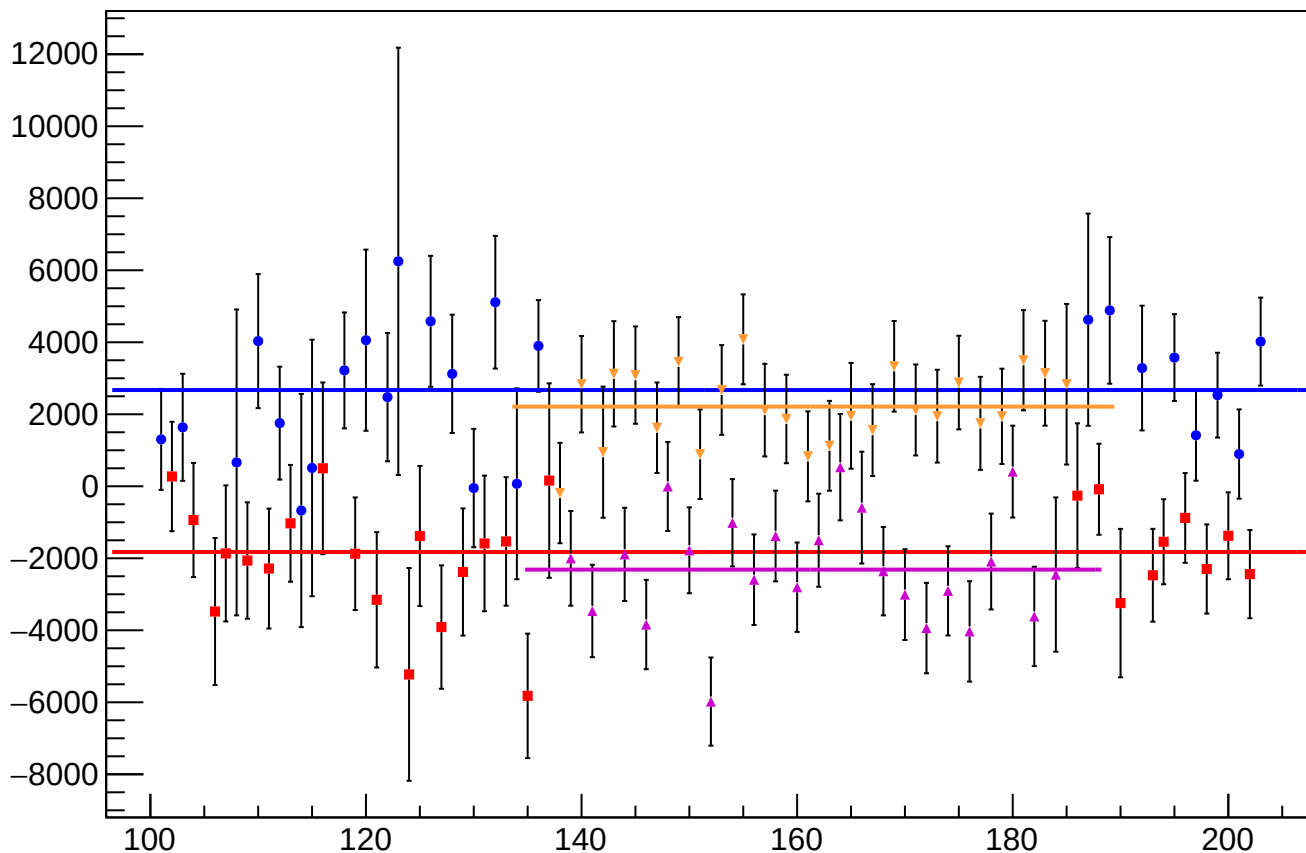
All: 169.296 ± 226.984 $\chi^2/\text{NDF}: 218.0/97$

- sign -2172.464 ± 318.466 $\chi^2/\text{NDF}: 51.6/49$

asym_usl_rms vs Slug



dit_asym_usr_mean vs Slug



Right In: 2672.969 ± 334.890 χ^2/NDF : 18.9/24

Left Out: 2213.308 ± 266.921 χ^2/NDF : 14.2/24

Right Out: -1824.730 ± 308.264 χ^2/NDF : 18.0/26

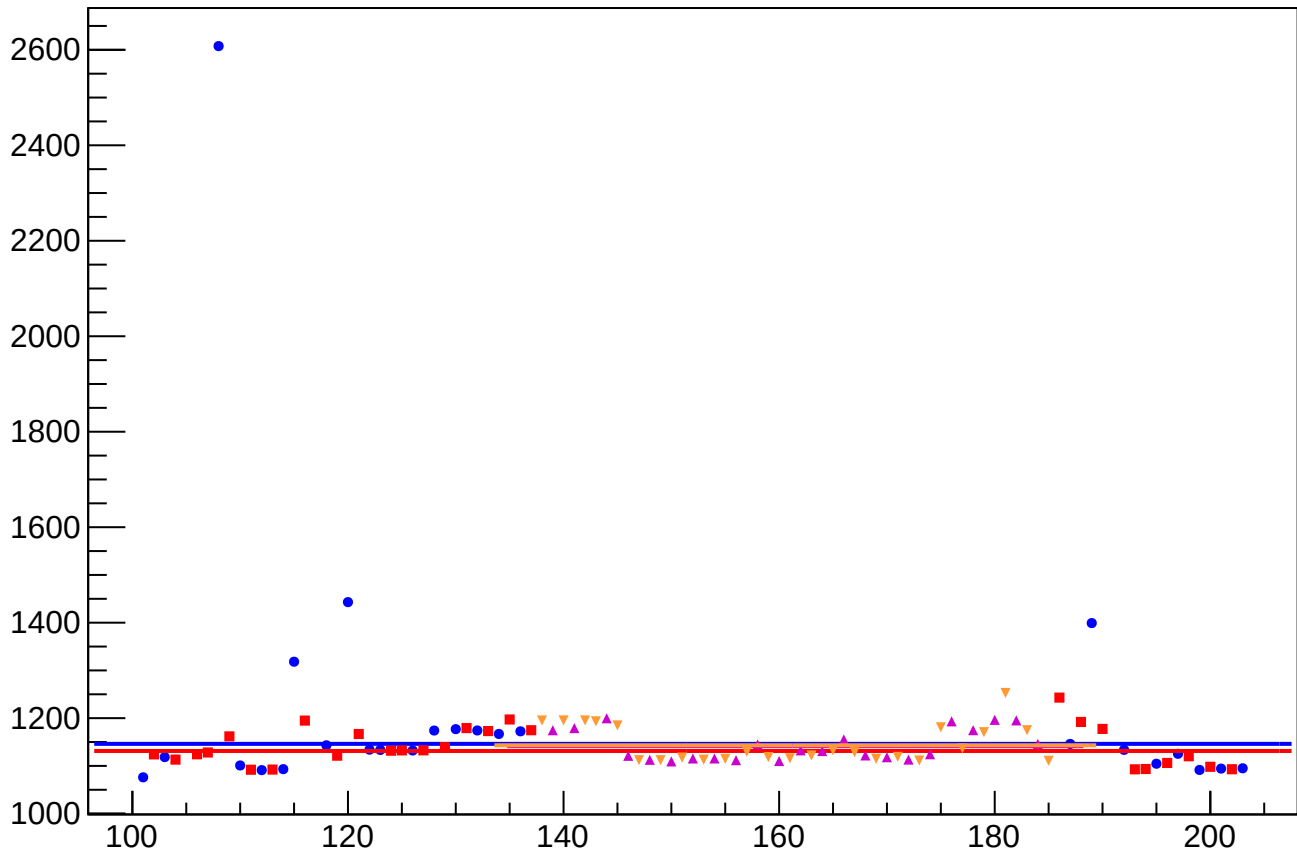
Left In: -2314.778 ± 271.873 χ^2/NDF : 31.6/22

+ sign 2391.879 ± 208.731 χ^2/NDF : 34.2/49

All: 93.180 ± 145.858 χ^2/NDF : 322.2/99

- sign -2100.373 ± 203.902 χ^2/NDF : 50.9/49

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: 1131.266 ± 0.218 χ^2/NDF : 31466.1/26

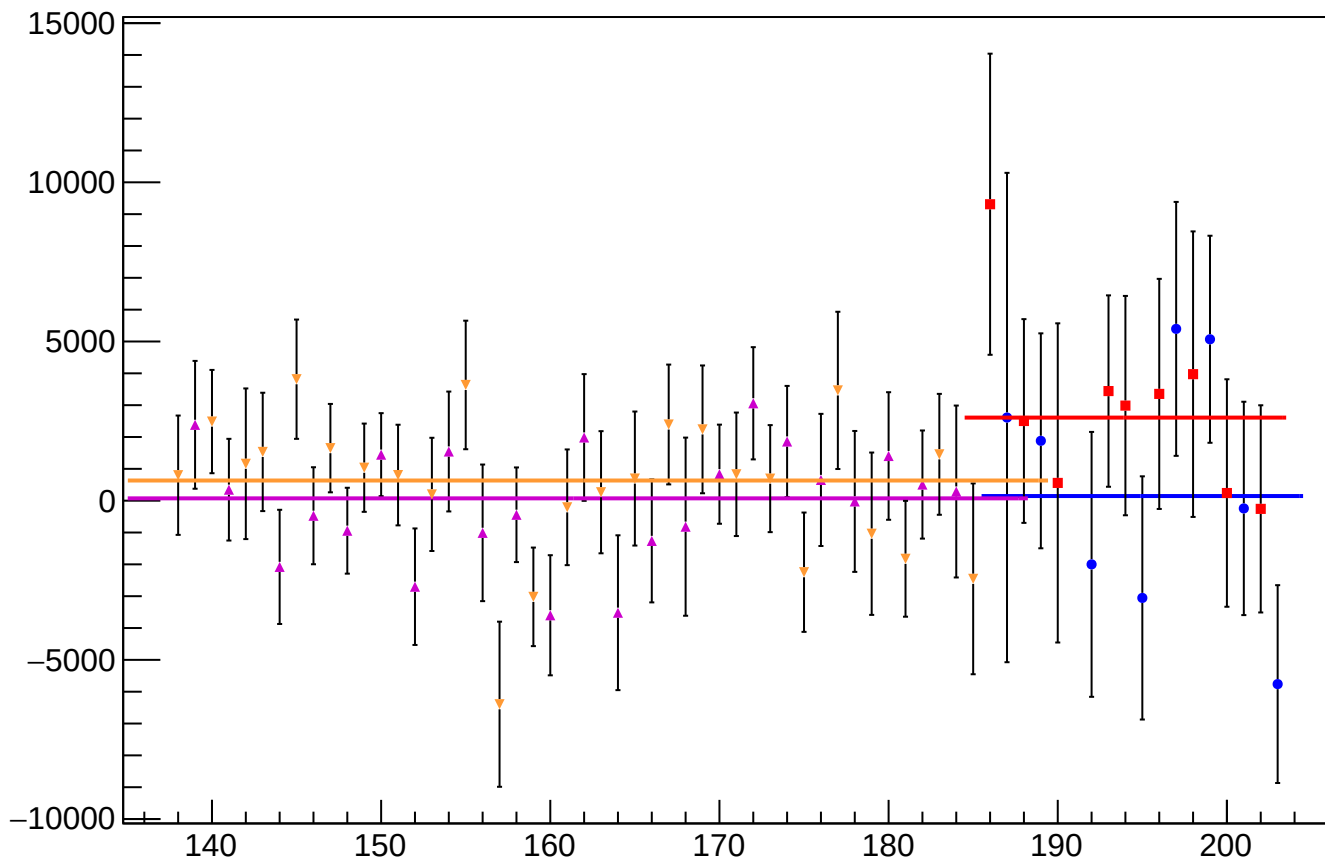
Left In: 1141.363 ± 0.192 χ^2/NDF : 28014.9/22

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

All: 1140.580 ± 0.103 χ^2/NDF : 428881.2/99

- sign 1136.945 ± 0.144 χ^2/NDF : 60688.1/49

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: 2609.661 $\pm$ 1216.097 χ^2 /NDF: 3.6/8

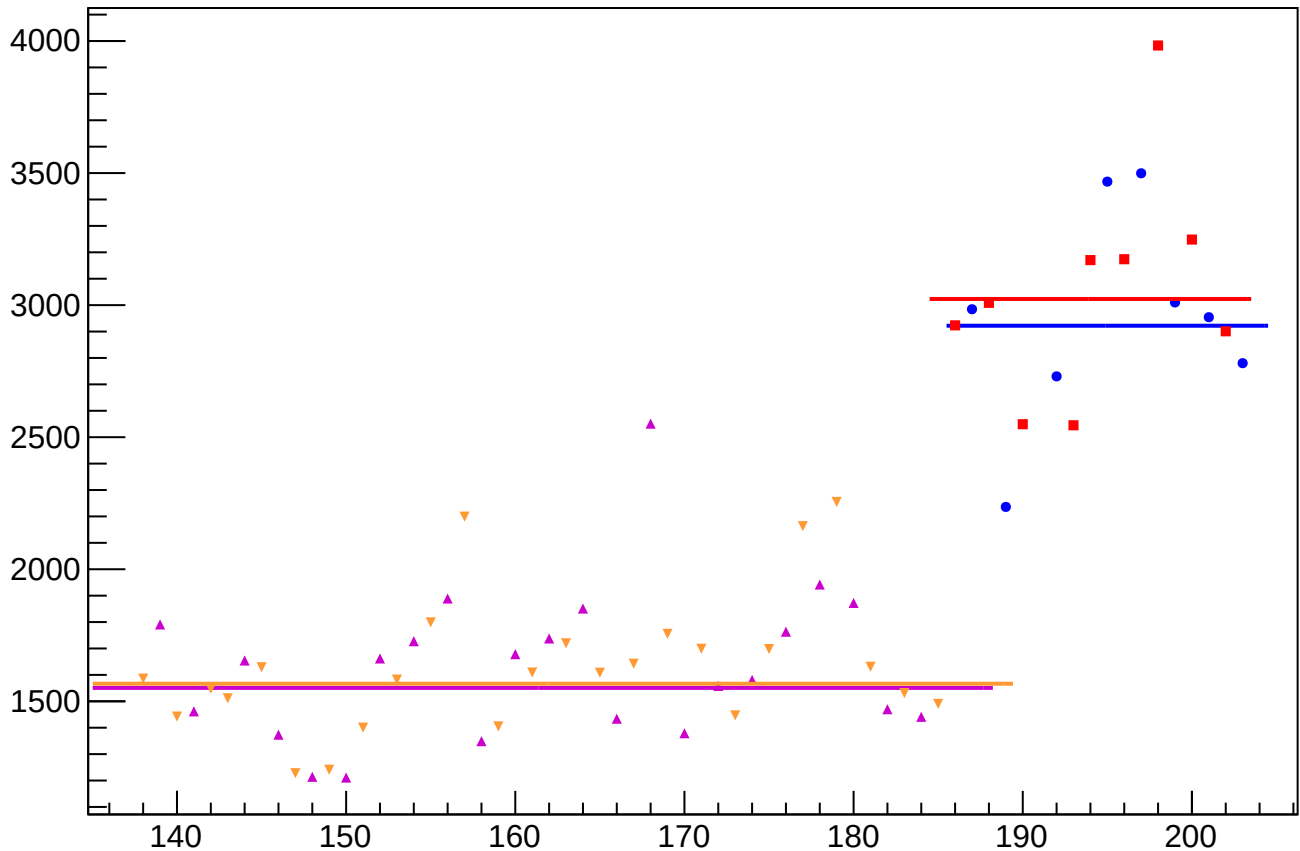
Left In: 72.962 $\pm$ 375.277 χ^2 /NDF:20.1/22

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

All: 445.803 $\pm$ 253.293 χ^2 /NDF: 66.4/64

- sign 293.525 $\pm$ 358.592 χ^2 /NDF: 27.7/31

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: 3023.391+/-0.860 χ^2/NDF : 178939.4/8

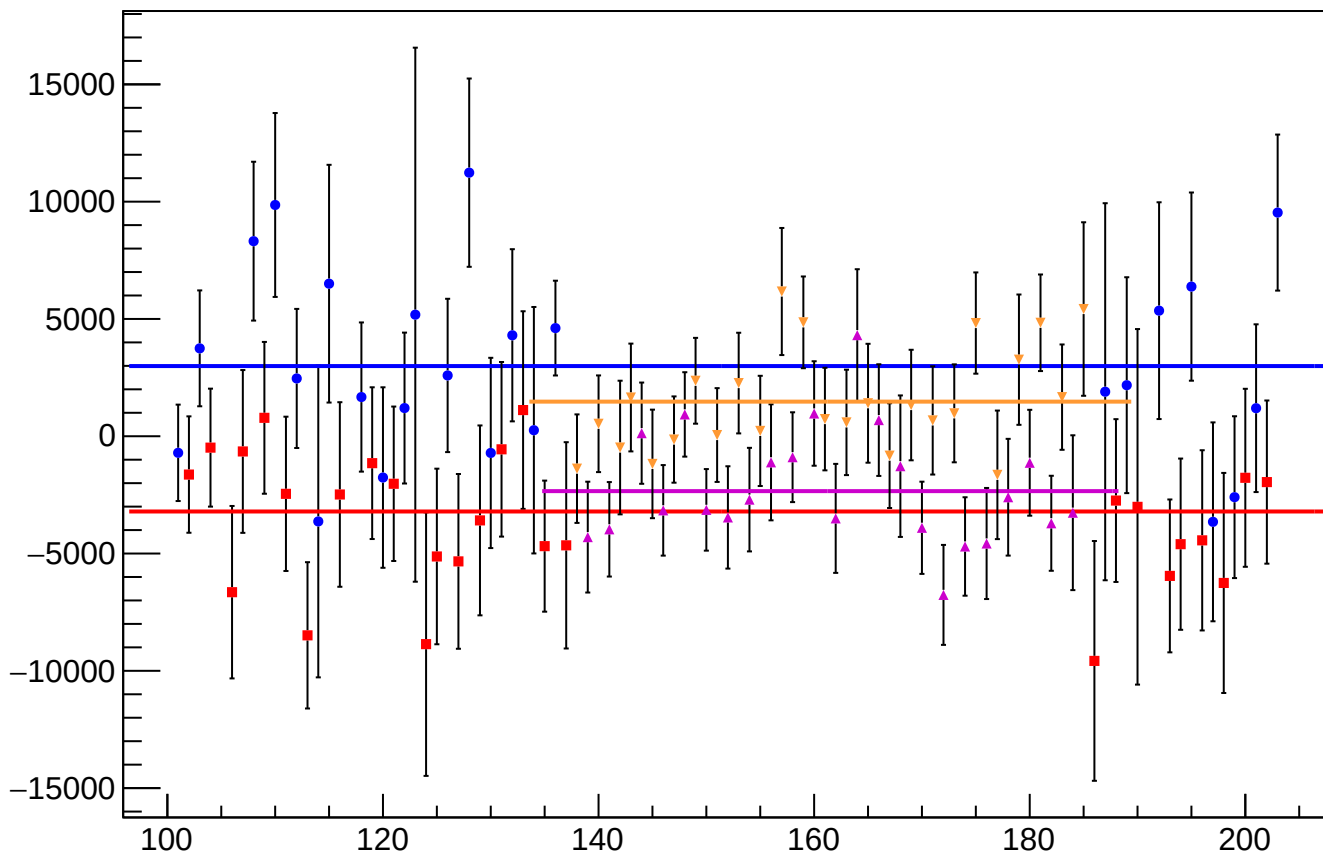
Left In: 1550.750+/-0.265 χ^2/NDF : 928652.8/22

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

All: 1673.124+/-0.179 χ^2/NDF : 6705164.0/64

- sign 1678.794+/-0.254 χ^2/NDF : 3785421.3/31

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: -3207.604 ± 683.752 χ^2/NDF : 14.8/26

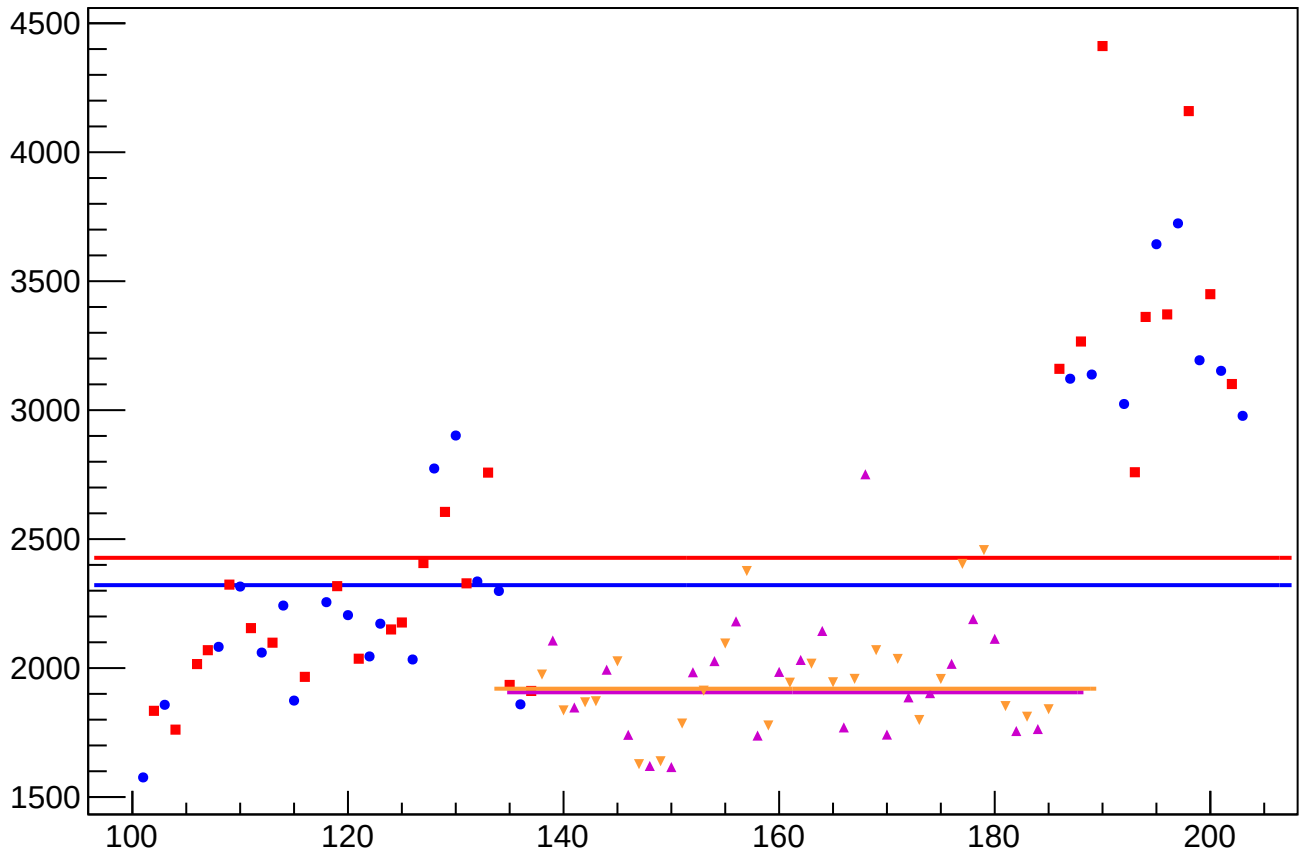
Left In: -2339.905 ± 457.448 χ^2/NDF : 25.2/22

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

All: -335.953 ± 268.434 χ^2/NDF : 165.3/99

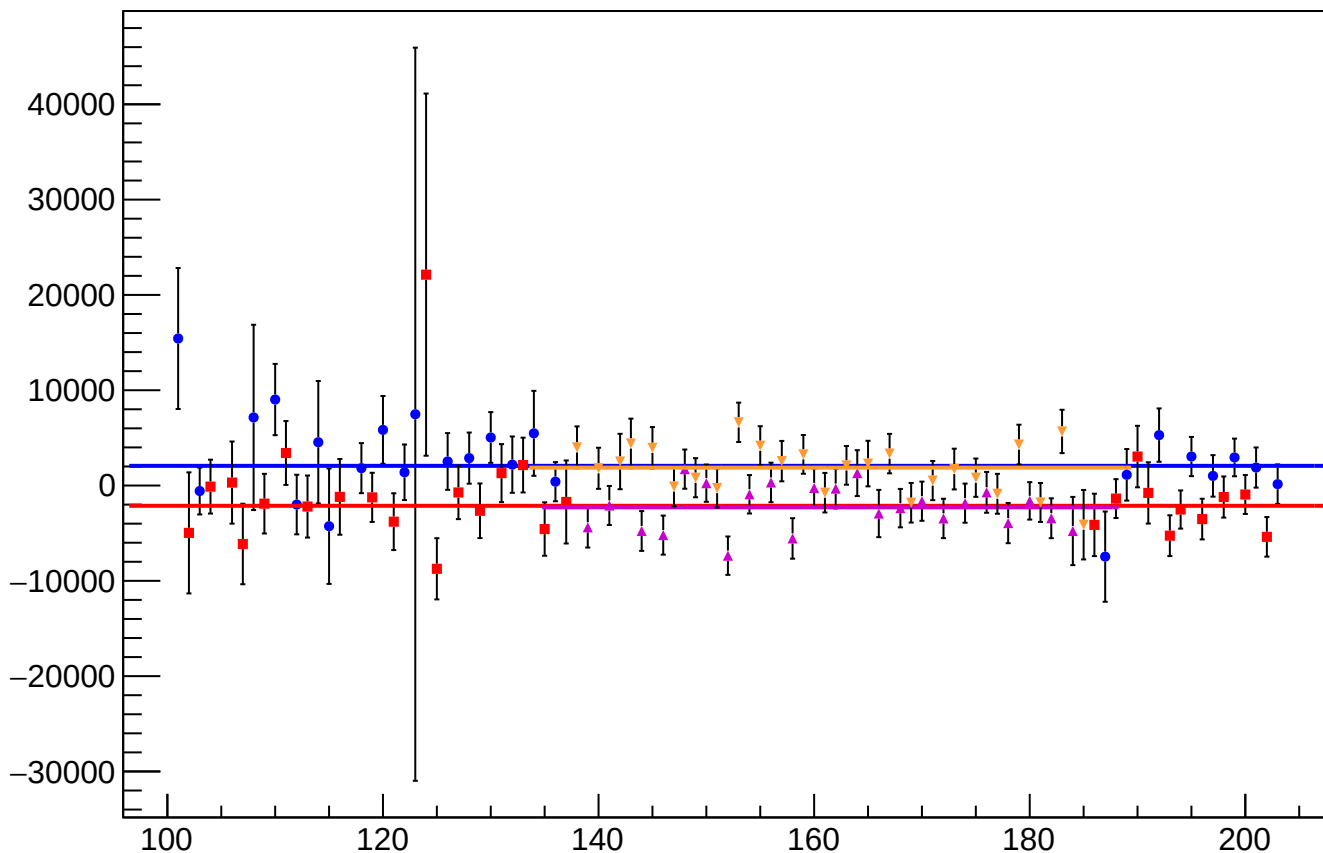
- sign -2608.198 ± 380.205 χ^2/NDF : 41.1/49

asym_usr_rms vs Slug



Right In: 2321.514 $\pm$ 0.494	χ^2 /NDF: 1458518.4/24	+ sign 2038.396 $\pm$ 0.268	χ^2 /NDF: 2290726.6/49
Left Out: 1920.082 $\pm$ 0.319	χ^2 /NDF: 365919.7/24	All: 2052.788 $\pm$ 0.190	χ^2 /NDF: 5129990.0/99
Right Out: 2427.468 $\pm$ 0.483	χ^2 /NDF: 1578953.7/26	- sign 2067.268 $\pm$ 0.269	χ^2 /NDF: 2833479.3/49
Left In: 1906.043 $\pm$ 0.323	χ^2 /NDF: 451054.7/22		

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: -2126.044 ± 532.150 χ^2/NDF : 24.4/27

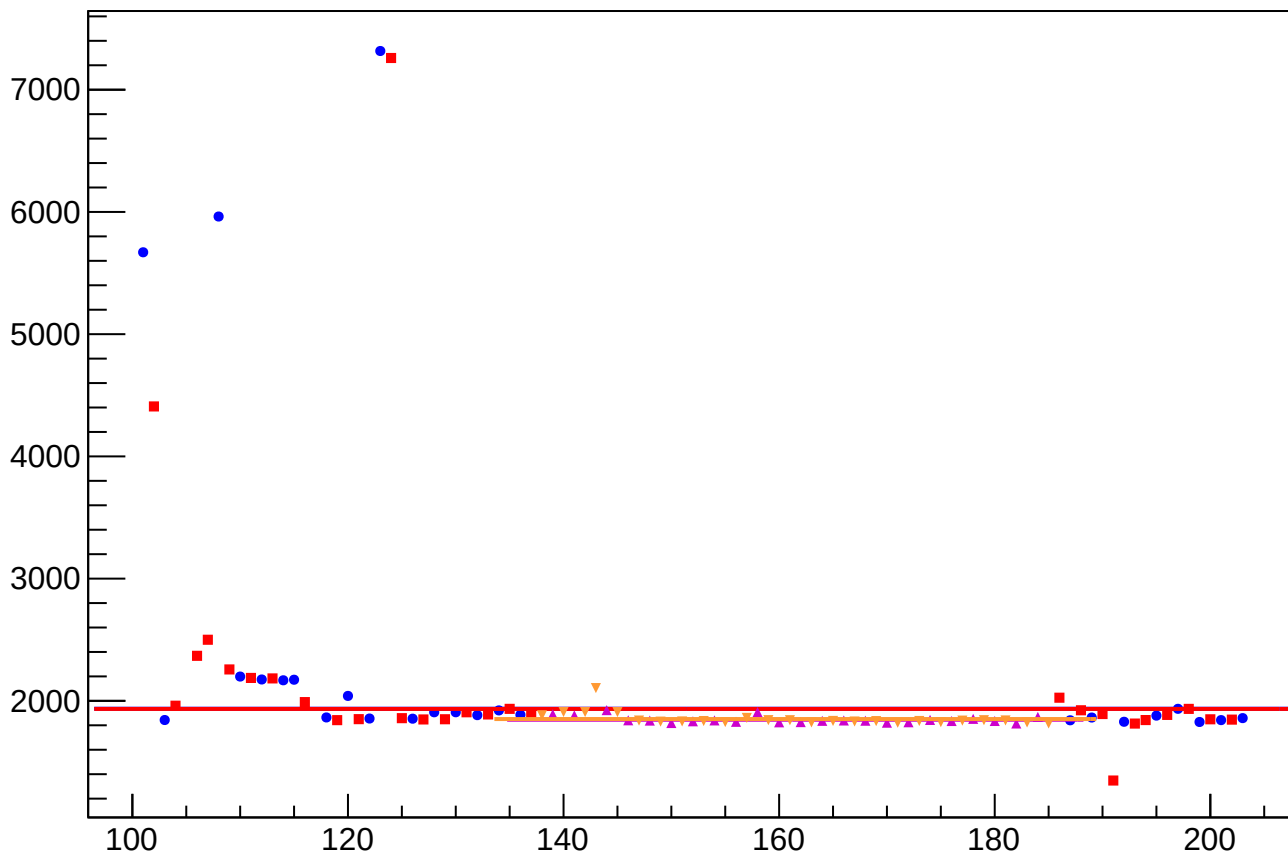
Left In: -2286.268 ± 441.005 χ^2/NDF : 27.3/22

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

All: -177.315 ± 242.341 χ^2/NDF : 177.6/100

- sign -2221.032 ± 339.558 χ^2/NDF : 51.8/50

dit_asym_at1_avg_rms vs Slug



Right In: 1935.451 $\pm$ 0.406 χ^2 /NDF: 950119.4/24

Left Out: 1851.066 $\pm$ 0.306 χ^2 /NDF:26251.6/24

Right Out: 1933.951 $\pm$ 0.376 χ^2 /NDF: 658780.6/27

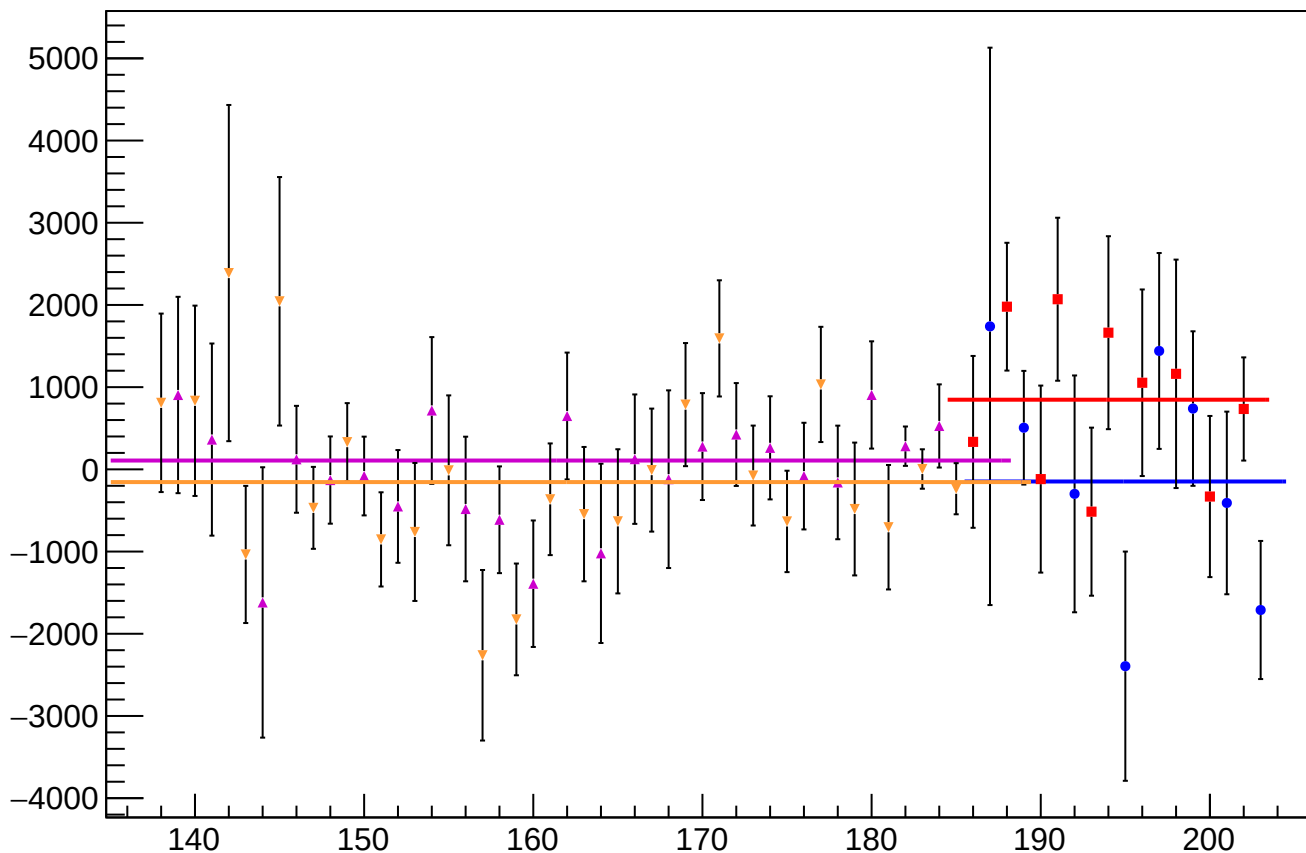
Left In: 1845.411 $\pm$ 0.312 χ^2 /NDF:8318.8/22

+ sign 1881.637 $\pm$ 0.245 χ^2 /NDF: 1003858.8/49

All: 1881.547 $\pm$ 0.171 χ^2 /NDF: 1703781.8/10

- sign 1881.461 $\pm$ 0.240 χ^2 /NDF: 699922.7/50

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: 847.288 ± 302.655 χ^2/NDF : 8.4/9

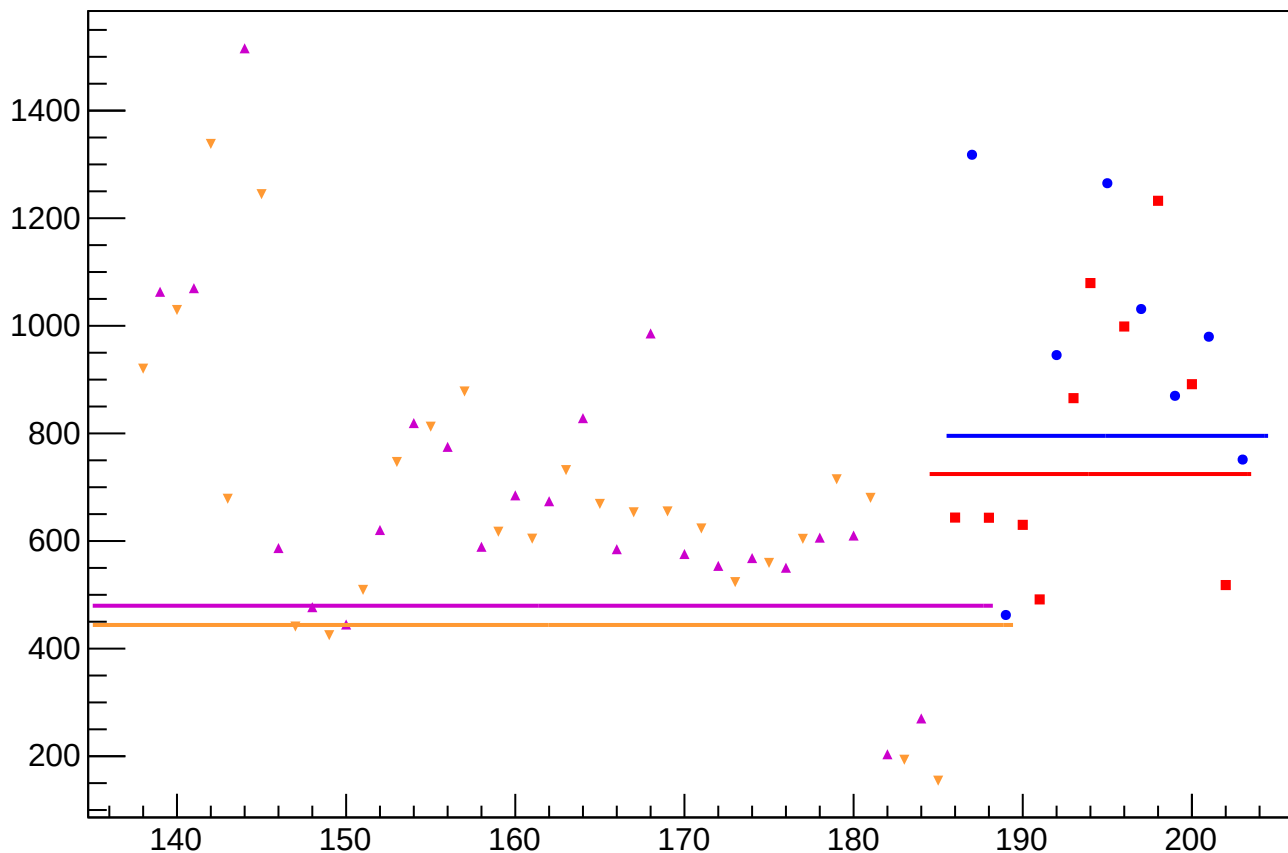
Left In: 107.387 ± 127.580 χ^2/NDF : 13.5/22

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

All: 26.524 ± 81.802 χ^2/NDF : 75.2/65

- sign 219.025 ± 117.562 χ^2/NDF : 27.0/32

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: 724.510+/-0.214 χ^2/NDF : 1037318.2/9

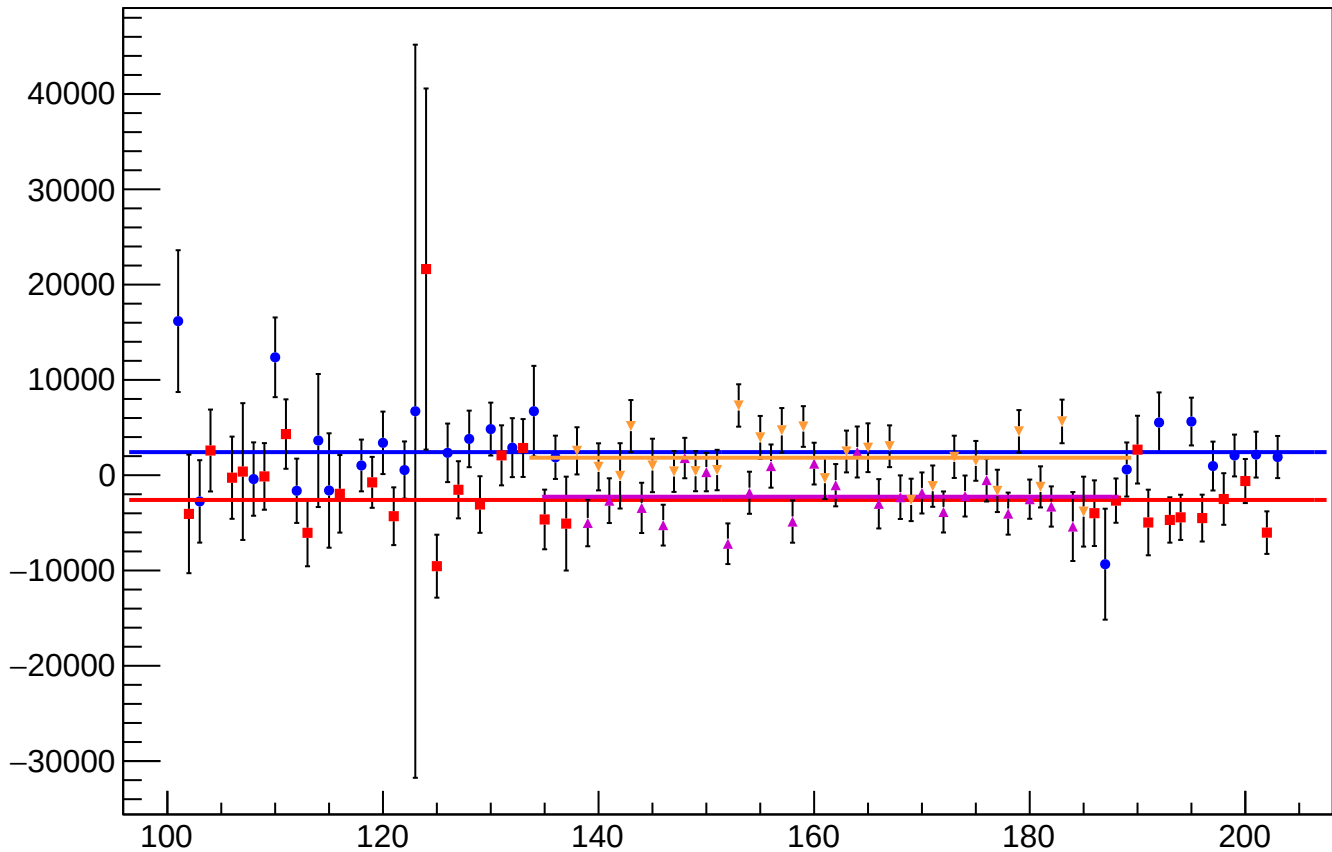
Left In: 479.723+/-0.090 χ^2/NDF : 6734597.7/22

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

All: 496.186+/-0.058 χ^2/NDF : 20105690.6/65

- sign 516.657+/-0.083 χ^2/NDF : 8882832.6/32

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: -2597.121 $\pm$ 592.438 χ^2 /NDF: 28.1/27

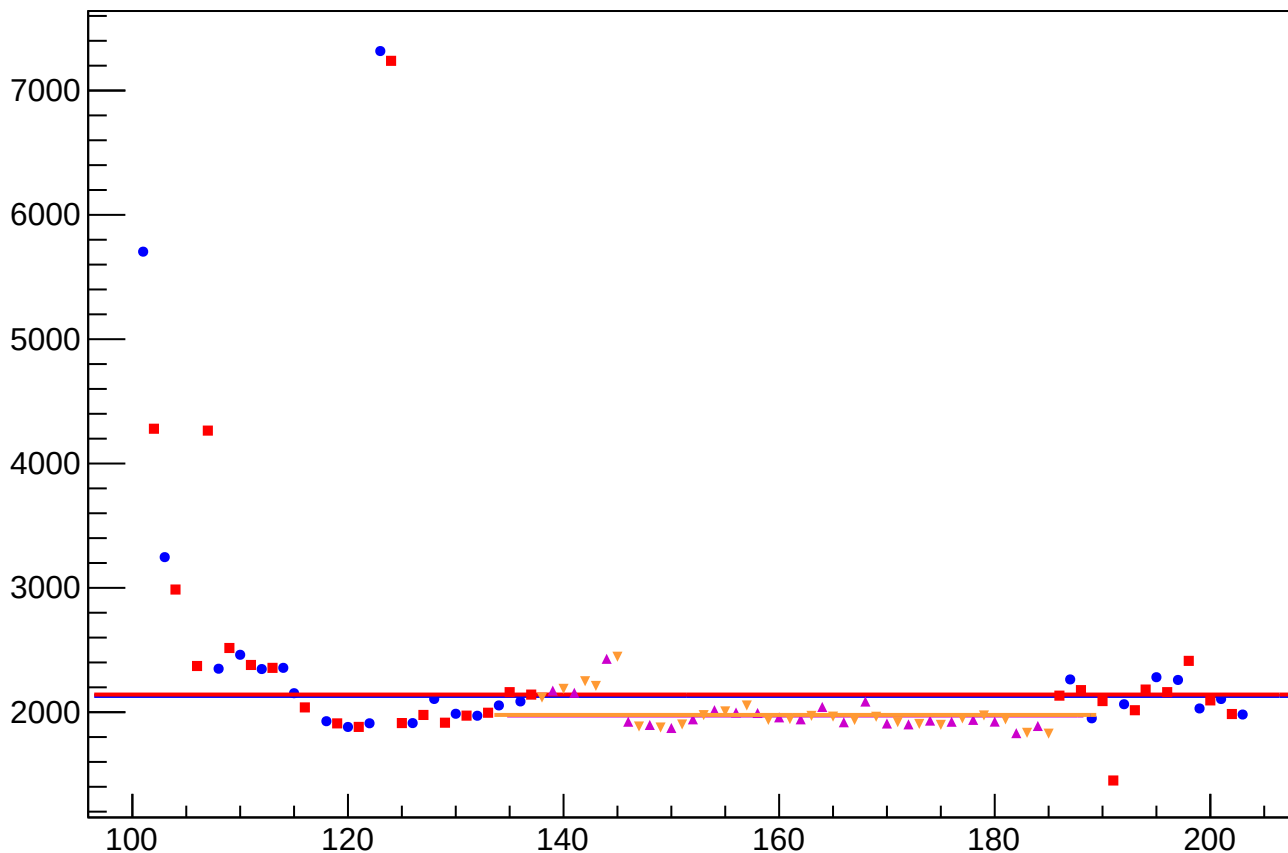
Left In: -2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

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

All: -200.844 $\pm$ 262.653 χ^2 /NDF: 182.3/100

- sign -2391.117 $\pm$ 369.317 χ^2 /NDF: 54.6/50

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: 2141.877 $\pm$ 0.419 χ^2 /NDF: 865466.0/27

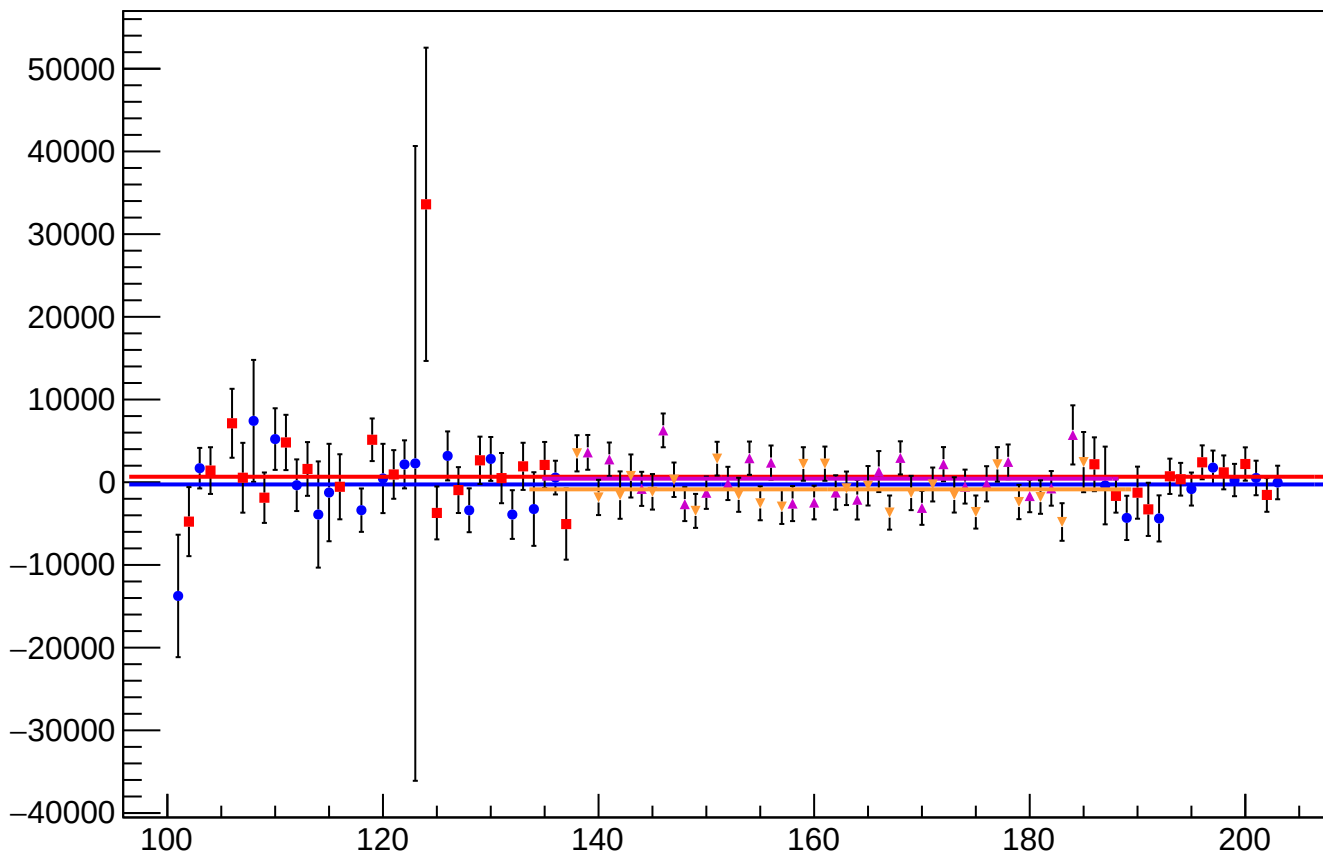
Left In: 1973.216 $\pm$ 0.334 χ^2 /NDF:120479.3/22

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

All: 2035.246 $\pm$ 0.186 χ^2 /NDF: 2050939.0/10

- sign 2038.759 $\pm$ 0.261 χ^2 /NDF: 1085048.7/50

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: 663.698 ± 522.791 χ^2/NDF : 23.5/27

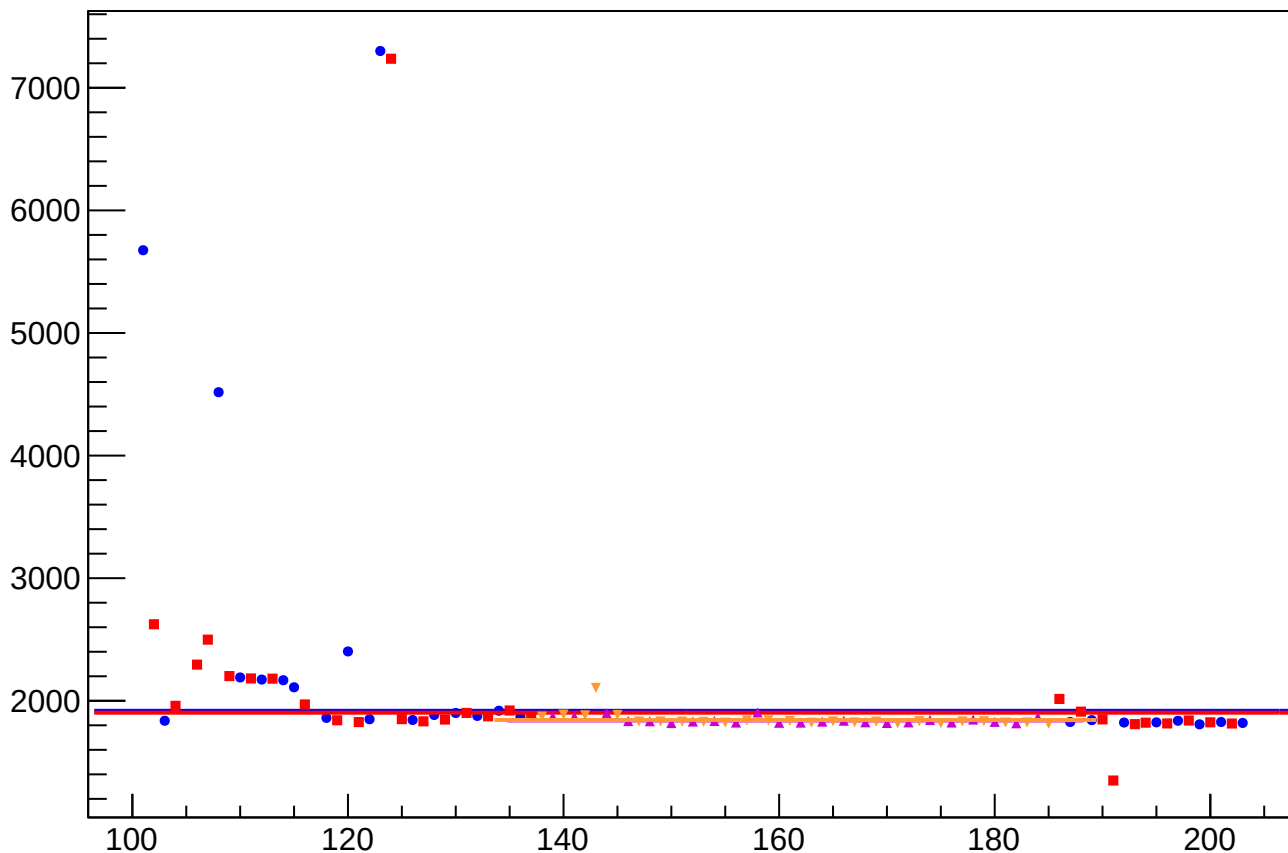
Left In: 427.682 ± 439.561 χ^2/NDF : 33.7/22

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

All: -45.878 ± 240.454 χ^2/NDF : 112.4/100

- sign 525.429 ± 336.442 χ^2/NDF : 57.3/50

dit_asym_at1_dd_rms vs Slug



Right In: 1918.206 $\pm$ 0.402 χ^2 /NDF: 893282.0/24

Left Out: 1843.534 $\pm$ 0.305 χ^2 /NDF: 24974.2/24

Right Out: 1903.061 $\pm$ 0.370 χ^2 /NDF: 412251.2/27

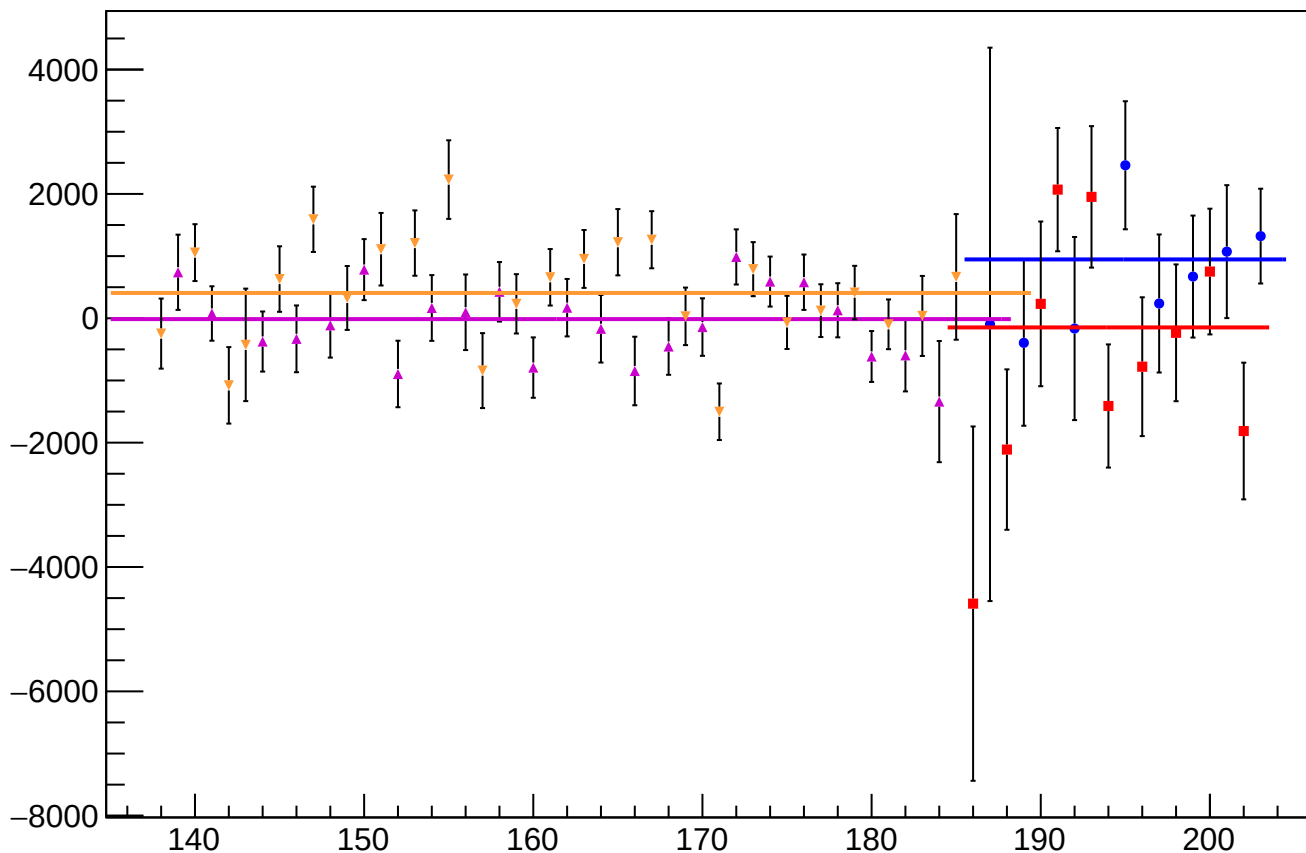
Left In: 1839.431 $\pm$ 0.311 χ^2 /NDF: 6418.5/22

+ sign 1870.800 $\pm$ 0.243 χ^2 /NDF: 940129.9/49

All: 1868.238 $\pm$ 0.170 χ^2 /NDF: 1376373.9/10

- sign 1865.784 $\pm$ 0.238 χ^2 /NDF: 436026.5/50

asym_at1_dd_correction_mean vs Slug



Right In: 946.789 $\pm$ 393.282 χ^2/NDF : 4.5/7

Left Out: 407.320 $\pm$ 101.221 χ^2/NDF : 62.1/24

Right Out: -146.901 $\pm$ 364.216 χ^2/NDF : 18.3/9

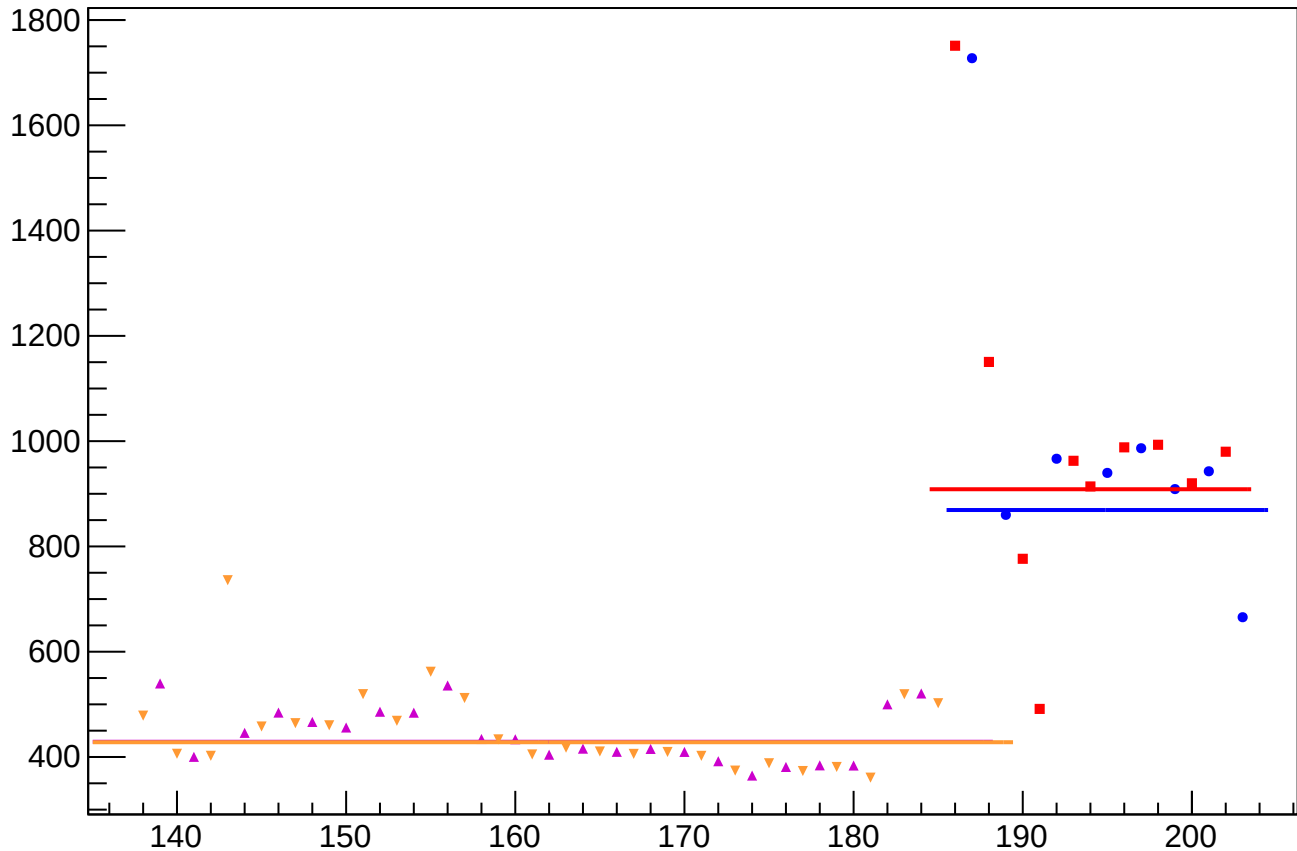
Left In: -13.395 $\pm$ 102.912 χ^2/NDF : 29.2/22

+ sign 440.836 $\pm$ 98.027 χ^2/NDF : 68.4/32

All: 211.159 $\pm$ 69.669 χ^2/NDF : 127.2/65

- sign -23.266 $\pm$ 99.035 χ^2/NDF : 47.6/32

asym_at1_dd_correction_rms vs Slug



Right In: 869.176+/-0.278 χ^2/NDF : 270569.8/7

Left Out: 428.052+/-0.072 χ^2/NDF : 704731.3/24

Right Out: 908.635+/-0.258 χ^2/NDF : 654726.0/9

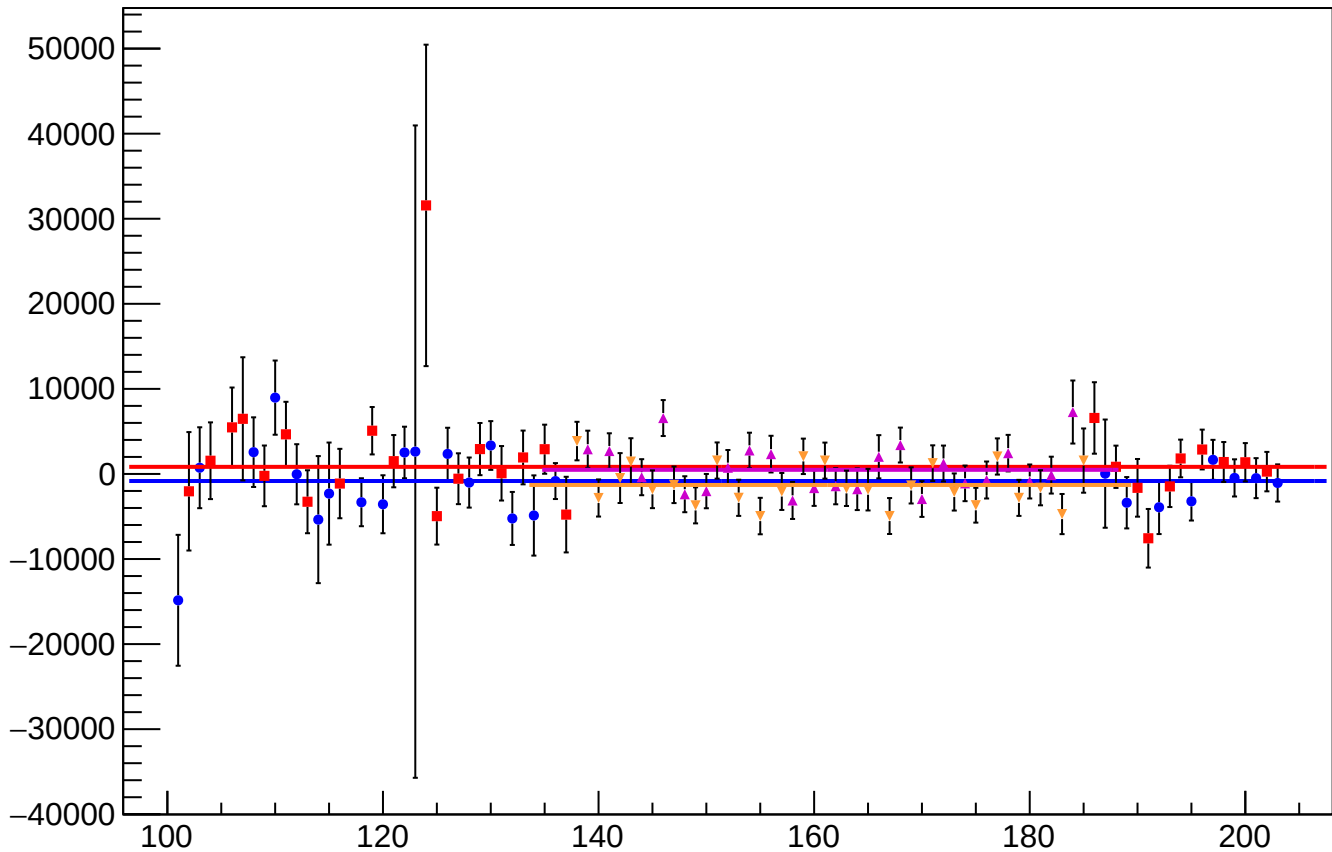
Left In: 428.926+/-0.073 χ^2/NDF : 418755.3/22

+ sign 455.458+/-0.069 χ^2/NDF : 3335168.4/32

All: 459.880+/-0.049 χ^2/NDF : 7629866.1/65

- sign 464.394+/-0.070 χ^2/NDF : 4286471.4/32

asym_at1_dd_mean vs Slug



Right In: -829.305 ± 626.515 χ^2/NDF : 22.2/24

Left Out: -1294.152 ± 444.151 χ^2/NDF : 29.6/24

Right Out: 834.799 ± 593.554 χ^2/NDF : 25.7/27

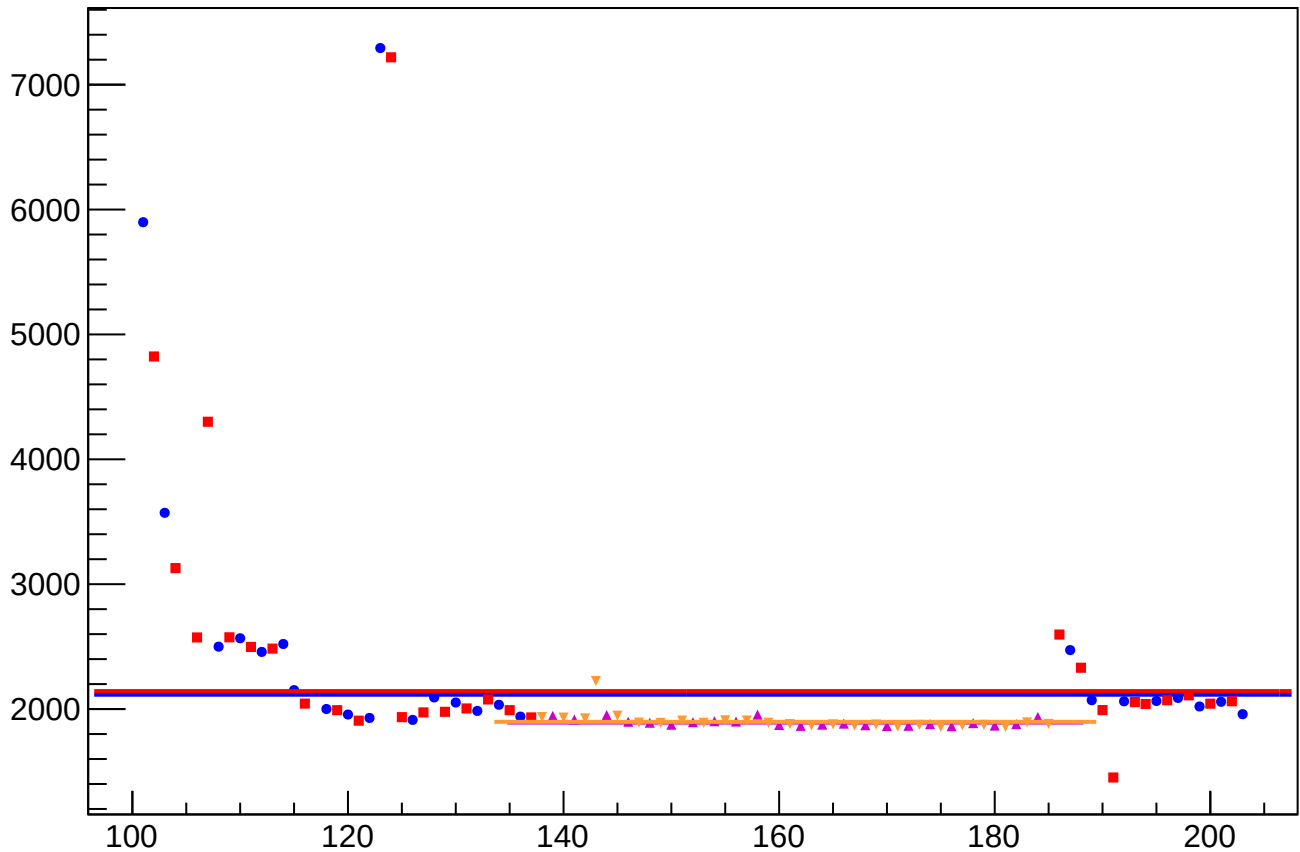
Left In: 485.827 ± 452.020 χ^2/NDF : 32.4/22

+ sign -1138.672 ± 362.338 χ^2/NDF : 52.2/49

All: -255.760 ± 255.243 χ^2/NDF : 122.3/100

- sign 613.924 ± 359.613 χ^2/NDF : 58.3/50

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: 2143.878 $\pm$ 0.420 χ^2 /NDF: 982870.8/27

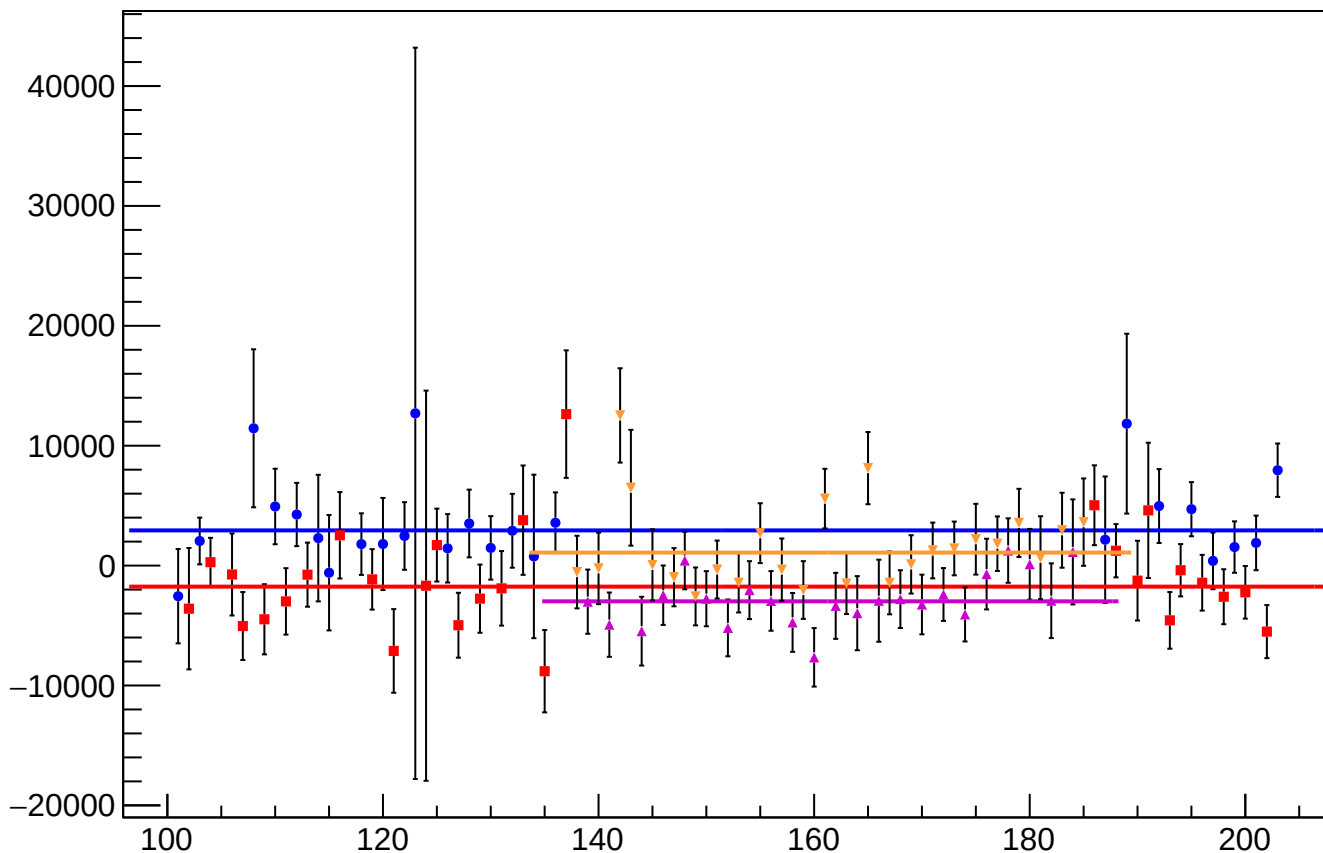
Left In: 1891.722 $\pm$ 0.320 χ^2 /NDF: 7584.2/22

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

All: 1977.356 $\pm$ 0.180 χ^2 /NDF: 2253591.3/100

- sign 1984.281 $\pm$ 0.254 χ^2 /NDF: 1218910.7/50

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: -1754.492 ± 539.982 χ^2/NDF : 35.6/27

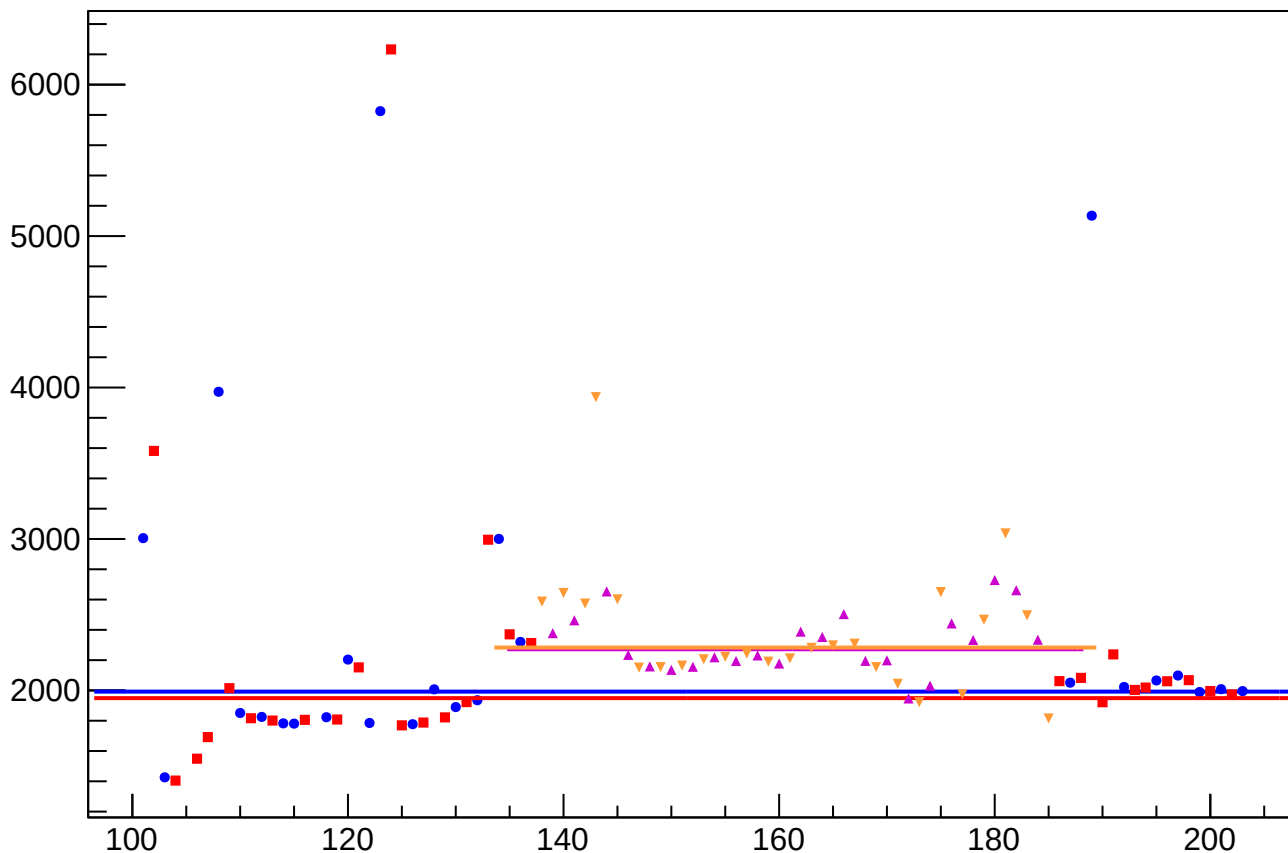
Left In: -2981.160 ± 546.107 χ^2/NDF : 14.0/22

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

All: -303.443 ± 276.922 χ^2/NDF : 162.8/100

- sign -2360.908 ± 383.972 χ^2/NDF : 52.2/50

dit_asym_at2_avg_rms vs Slug



Right In: 1992.222+/-0.420 χ^2/NDF : 1008036.4/24

Left Out: 2283.204+/-0.383 χ^2/NDF : 634430.6/24

Right Out: 1949.200+/-0.382 χ^2/NDF : 754071.2/27

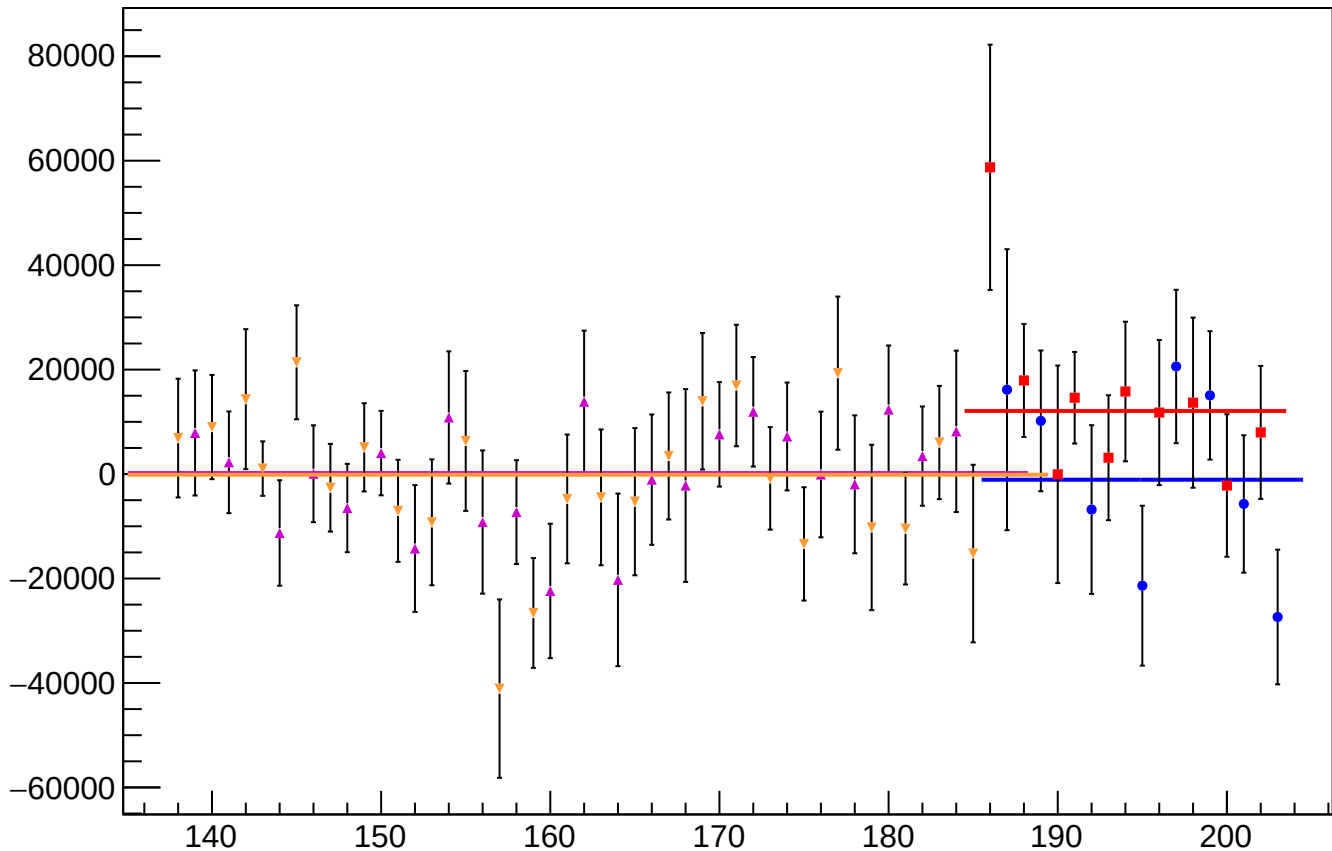
Left In: 2271.946+/-0.386 χ^2/NDF : 243546.3/22

+ sign 2151.111+/-0.283 χ^2/NDF : 1905136.8/49

All: 2129.070+/-0.196 χ^2/NDF : 3267690.1/100

- sign 2108.737+/-0.271 χ^2/NDF : 1350864.4/50

asym_at2_avg_correction_mean vs Slug



Right In: -1082.603 ± 5126.880 χ^2/NDF : 11.2/7

Left Out: -124.370 ± 2141.976 χ^2/NDF : 29.7/24

Right Out: 12085.808 ± 4125.765 χ^2/NDF : 6.5/9

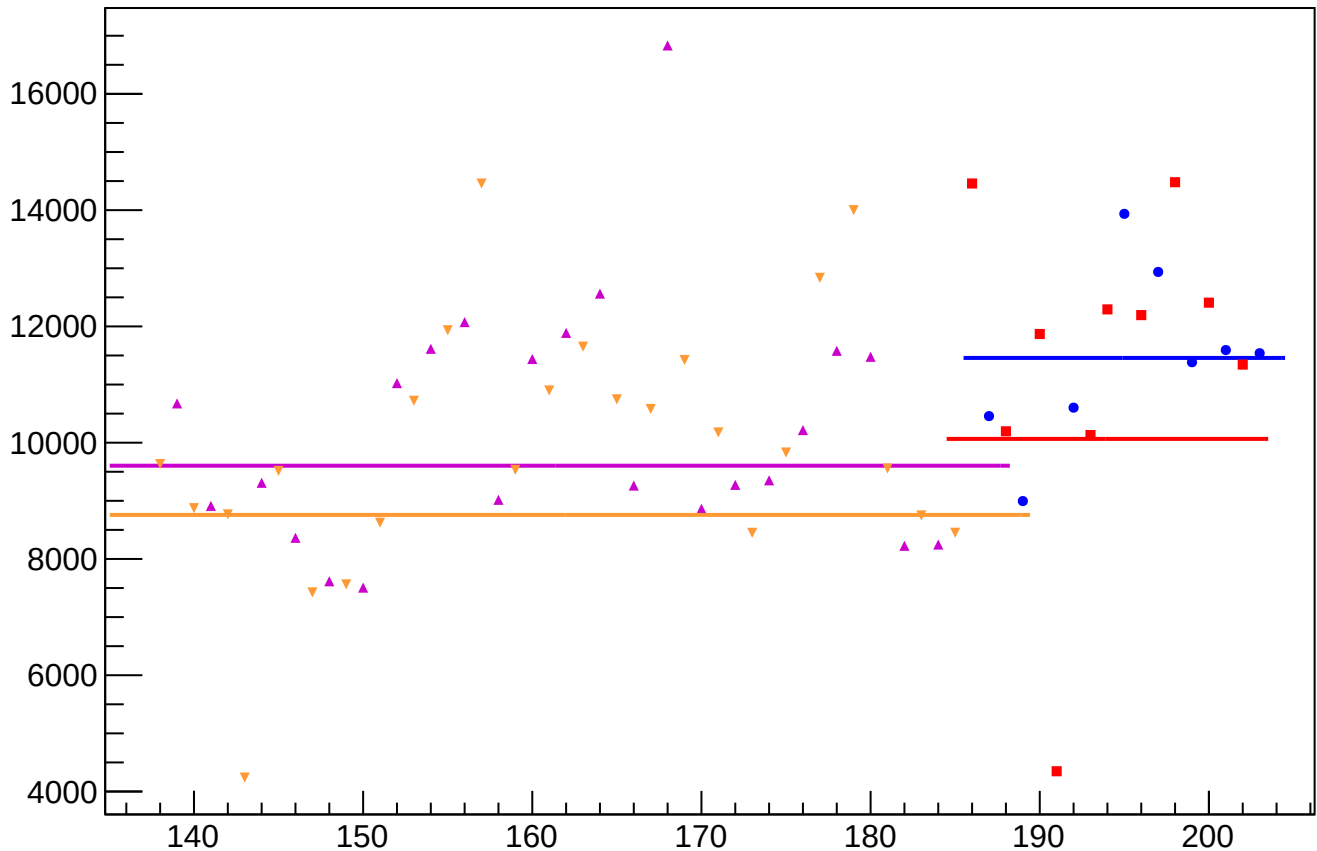
Left In: 185.013 ± 2330.398 χ^2/NDF : 15.0/22

+ sign -266.774 ± 1976.417 χ^2/NDF : 40.9/32

All: 1354.592 ± 1415.792 χ^2/NDF : 70.2/65

- sign 3063.523 ± 2029.085 χ^2/NDF : 27.9/32

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: 10065.132+/-2.917 χ^2/NDF : 1263966.7/9

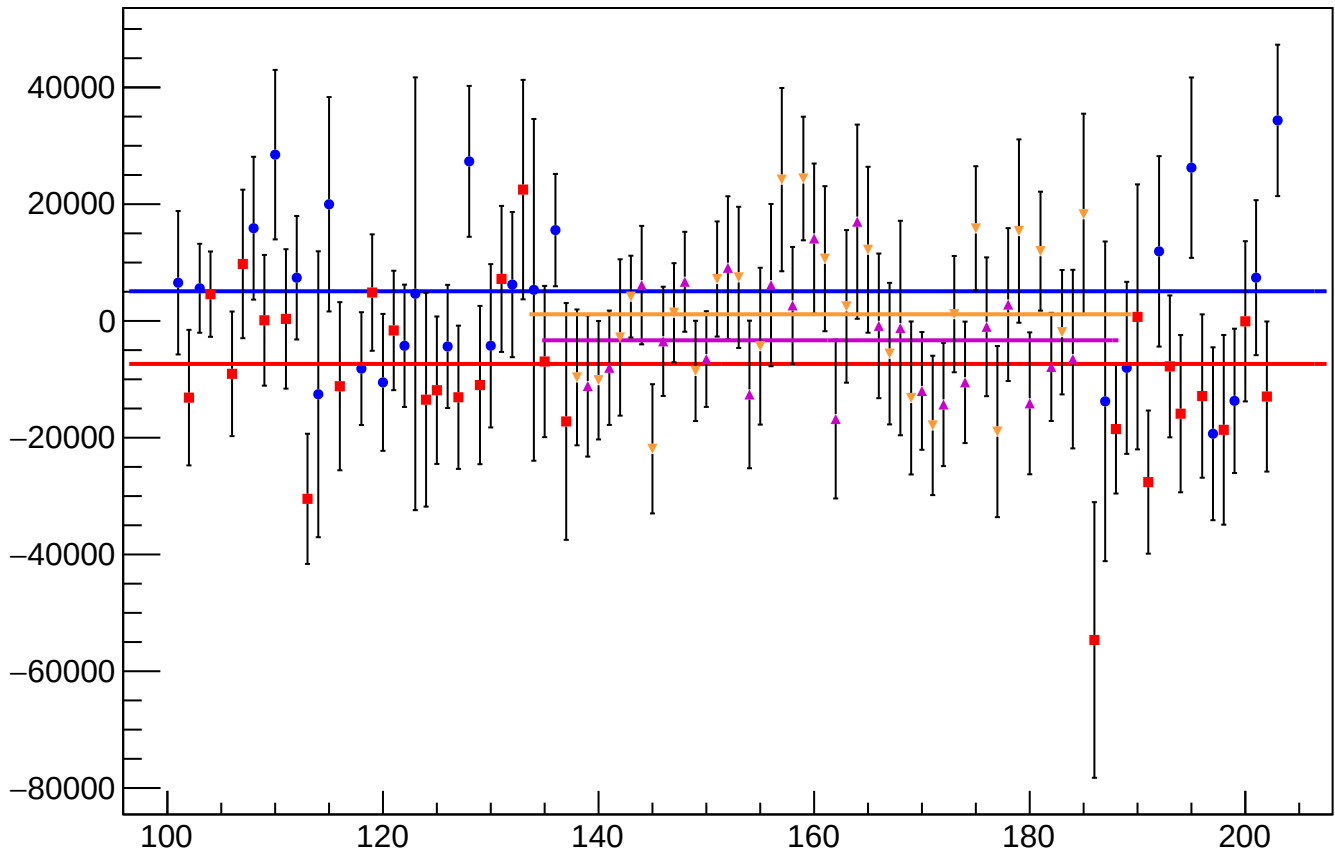
Left In: 9604.027+/-1.648 χ^2/NDF : 1095805.7/22

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

All: 9430.014+/-1.001 χ^2/NDF : 5855586.0/65

- sign 9715.557+/-1.435 χ^2/NDF : 2378711.5/32

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: -7362.840+/-2365.875 χ^2/NDF : 25.8/27

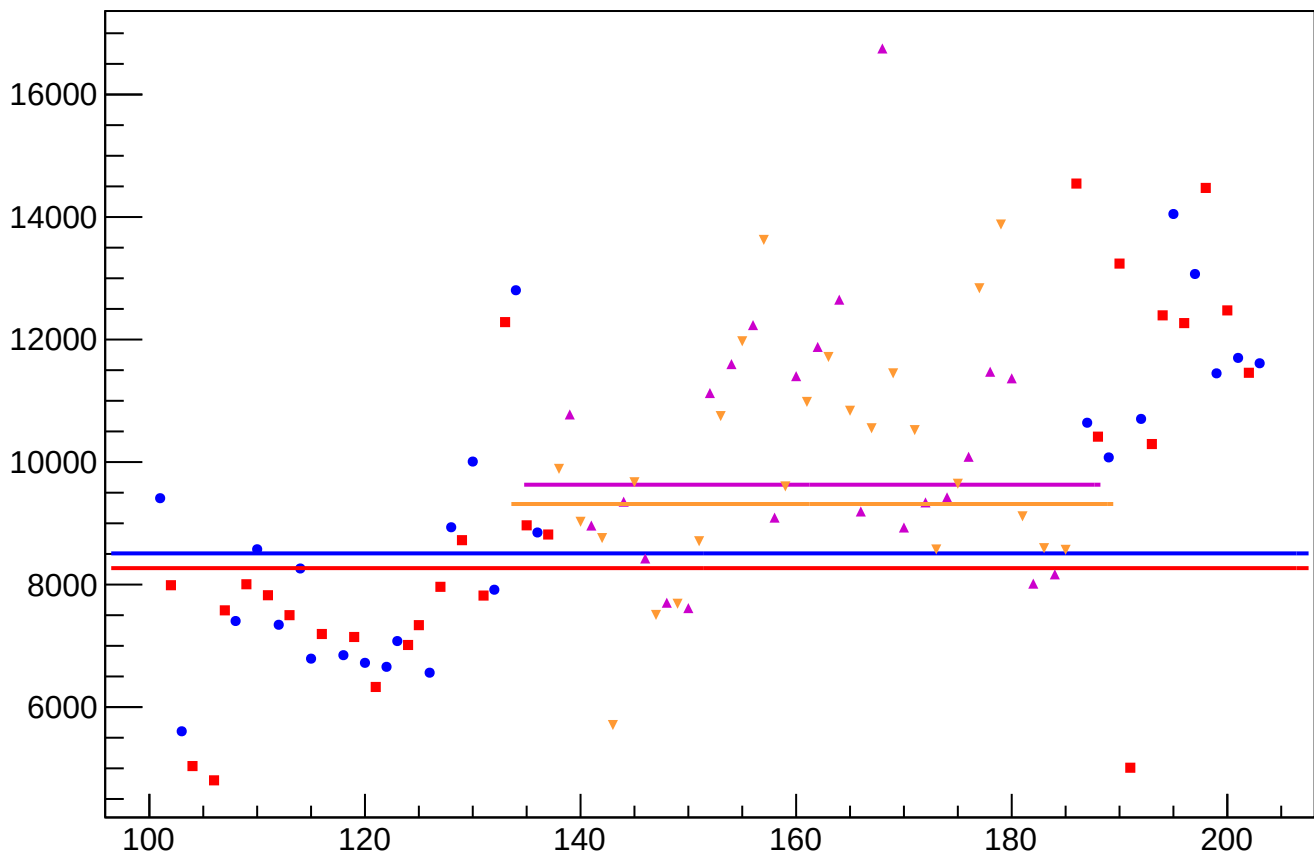
Left In: -3316.960+/-2336.196 χ^2/NDF : 13.4/22

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

All: -1290.450+/-1183.142 χ^2/NDF : 109.8/10

- sign -5314.364+/-1662.334 χ^2/NDF : 40.8/50

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: 8268.474+/-1.673 χ^2/NDF : 2320177.0/27

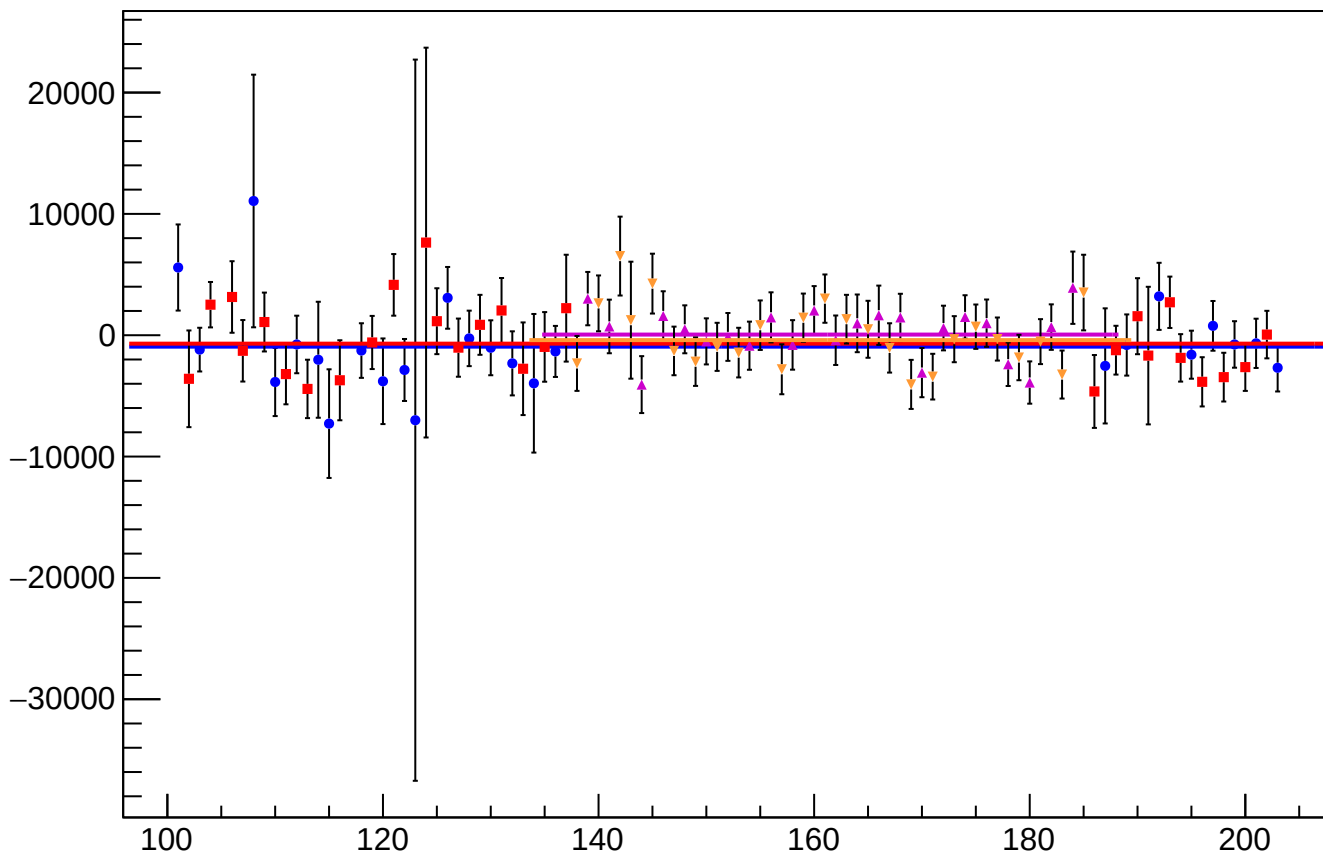
Left In: 9630.345+/-1.652 χ^2/NDF :1074643.5/22

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

All: 8962.966+/-0.837 χ^2/NDF : 6881628.6/10

- sign 8957.941+/-1.175 χ^2/NDF : 3730386.4/50

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: -694.833 ± 475.425 χ^2/NDF : 27.3/27

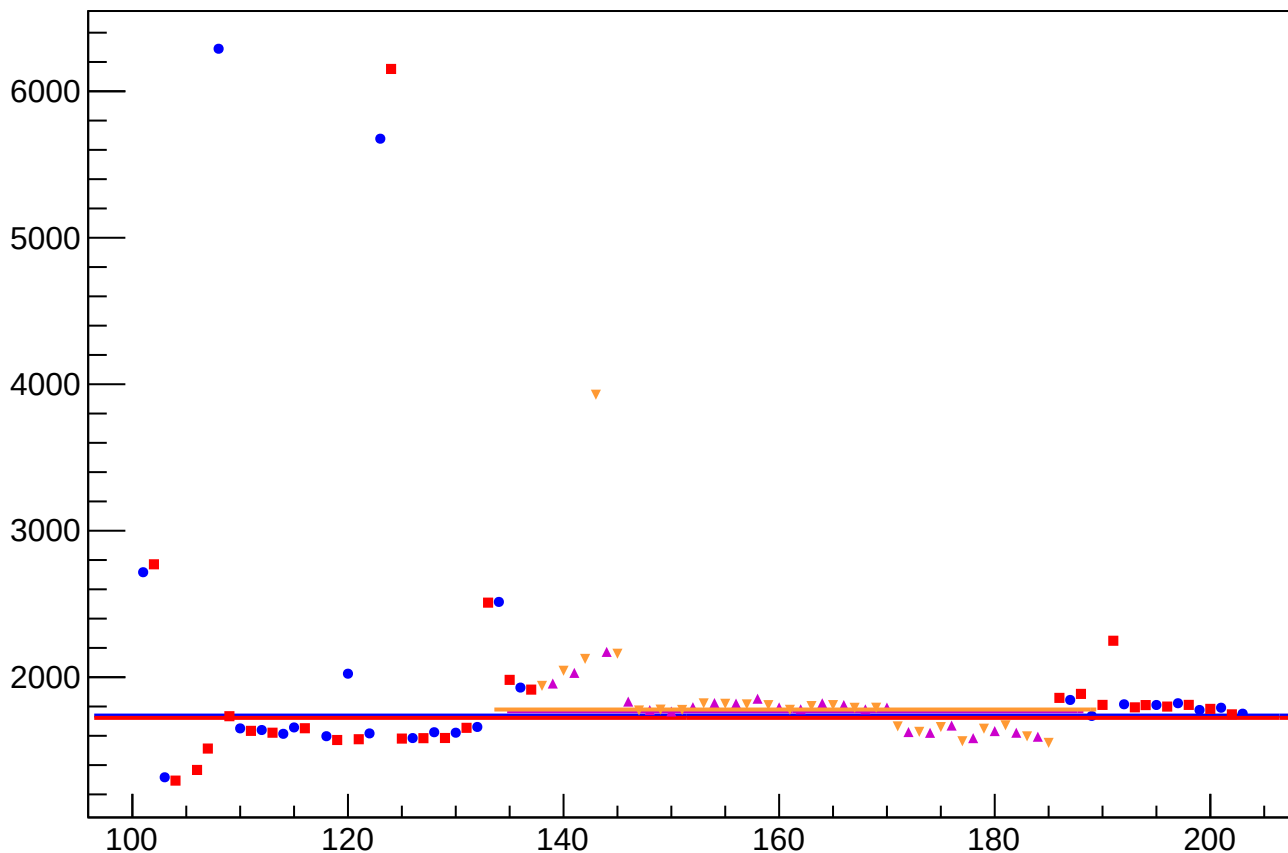
Left In: 53.539 ± 422.570 χ^2/NDF : 20.9/22

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

All: -442.201 ± 226.544 χ^2/NDF : 96.0/100

- sign -276.750 ± 315.843 χ^2/NDF : 49.5/50

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: 1722.421 $\pm$ 0.336 χ^2 /NDF: 637407.0/27

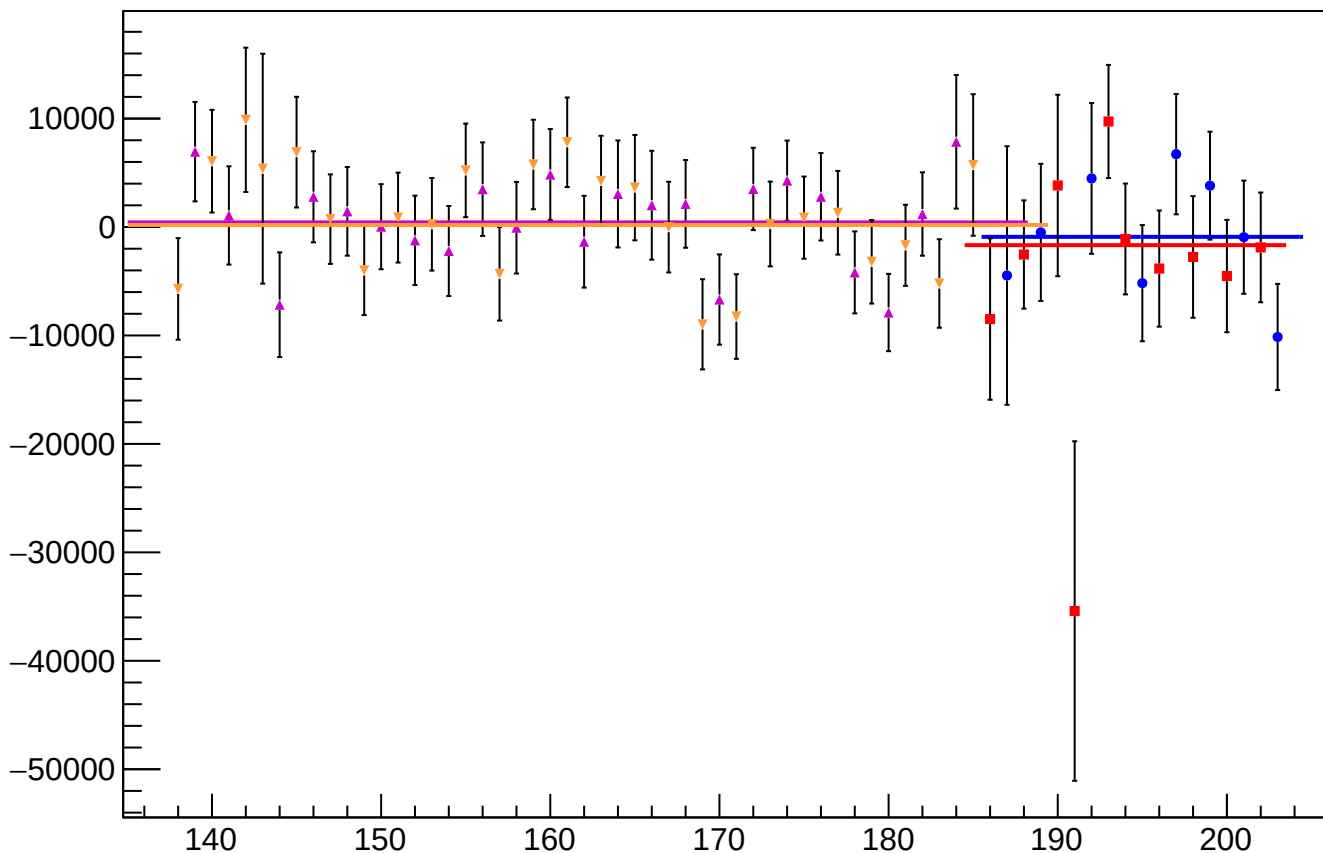
Left In: 1767.314 $\pm$ 0.299 χ^2 /NDF: 196583.8/22

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

All: 1755.003 $\pm$ 0.160 χ^2 /NDF: 2260448.7/100

- sign 1747.500 $\pm$ 0.223 χ^2 /NDF: 843953.2/50

asym_at2_dd_correction_mean vs Slug



Right In: -906.446 ± 2046.023 $\chi^2/\text{NDF}: 7.7/7$

Left Out: 191.104 ± 869.912 $\chi^2/\text{NDF}: 30.6/24$

Right Out: -1671.929 ± 1842.767 $\chi^2/\text{NDF}: 11.2/9$

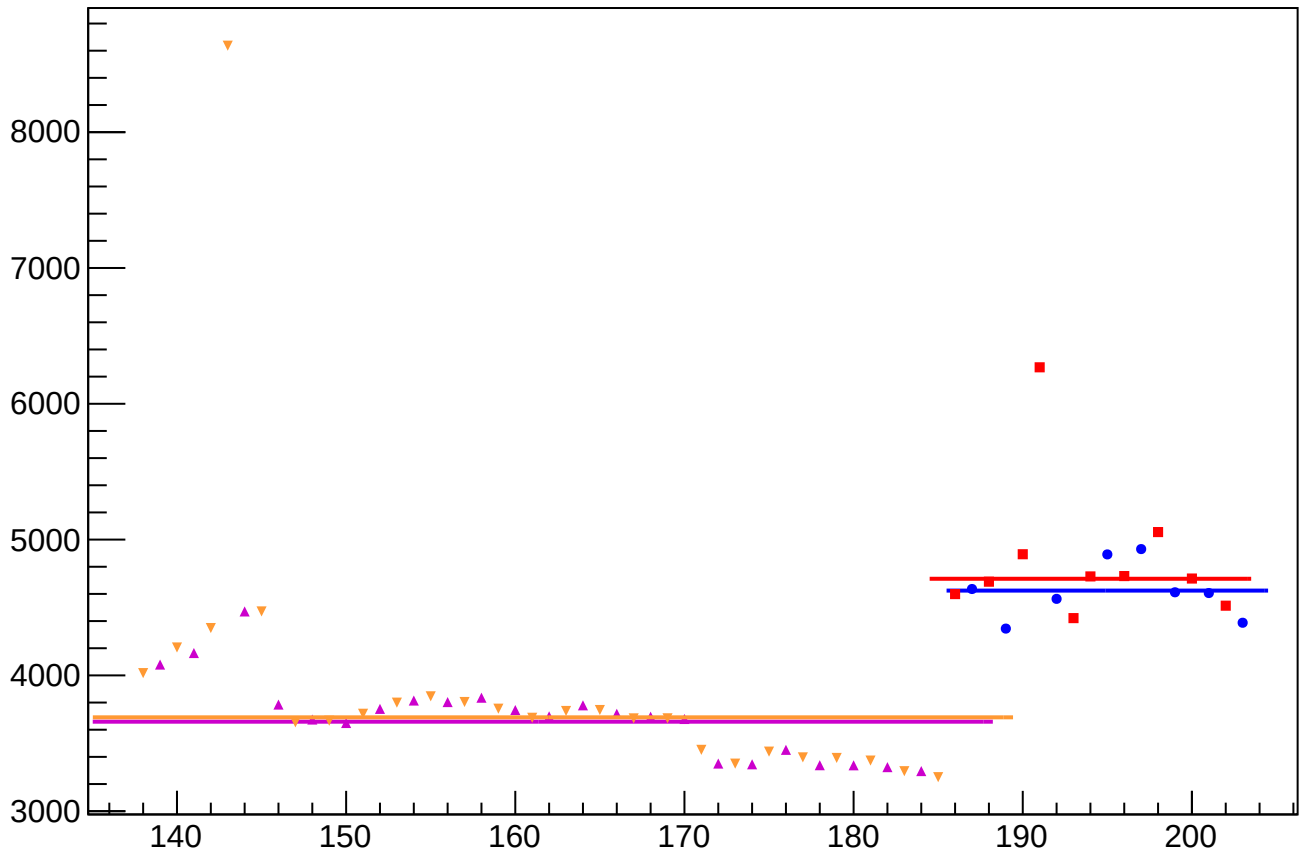
Left In: 426.004 ± 874.870 $\chi^2/\text{NDF}: 21.3/22$

+ sign 23.073 ± 800.557 $\chi^2/\text{NDF}: 38.5/32$

All: 31.704 ± 562.427 $\chi^2/\text{NDF}: 72.1/65$

- sign 40.116 ± 790.325 $\chi^2/\text{NDF}: 33.6/32$

asym_at2_dd_correction_rms vs Slug



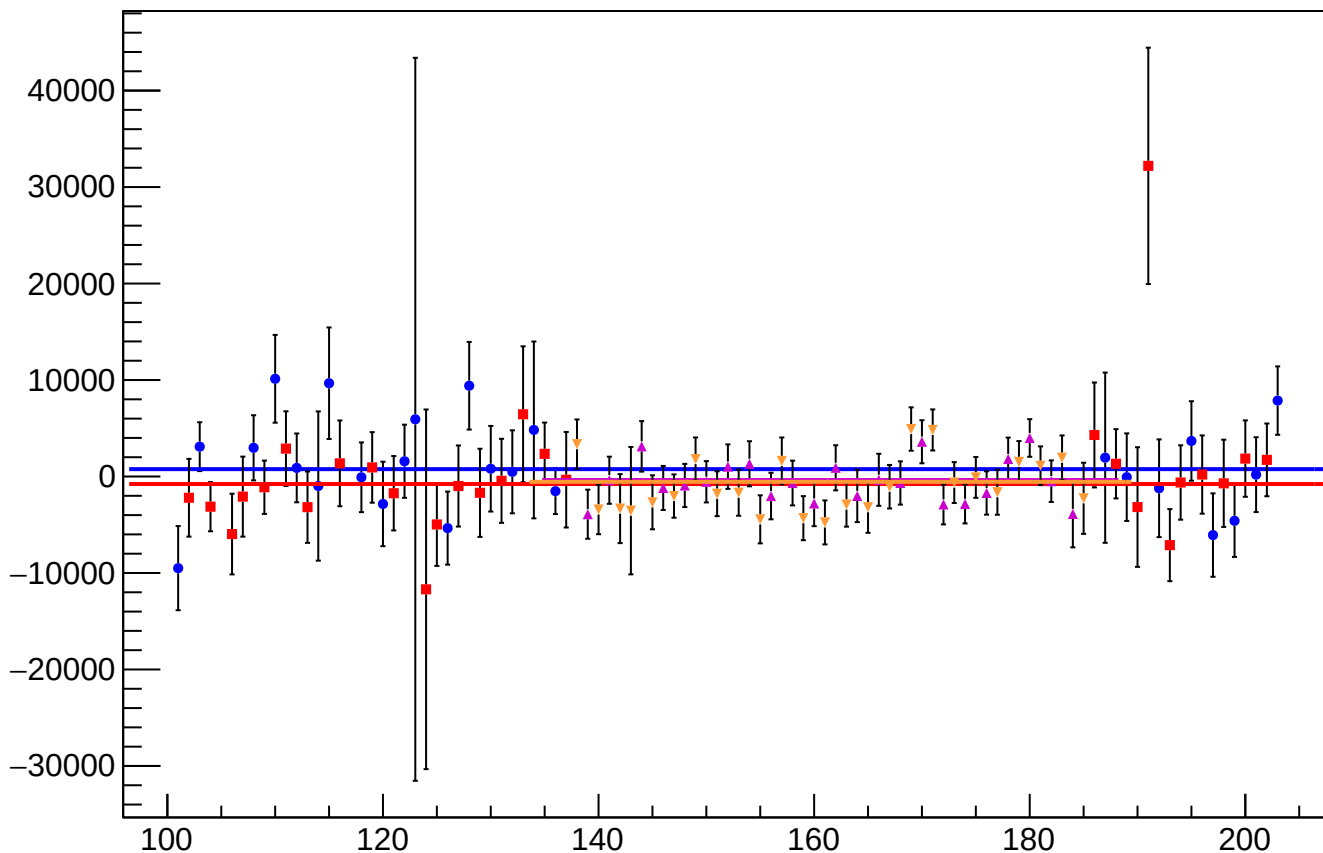
+ sign 3834.054 ± 0.566 $\chi^2/\text{NDF}: 1011691.9/32$

All: 3843.479 ± 0.398 $\chi^2/\text{NDF}: 1780680.4/65$

- sign 3852.665 ± 0.559 $\chi^2/\text{NDF}: 768441.0/32$

Right In: 4624.442 ± 1.447 $\chi^2/\text{NDF}: 19803.5/7$
 Left Out: 3691.174 ± 0.615 $\chi^2/\text{NDF}: 639471.7/24$
 Right Out: 4711.497 ± 1.303 $\chi^2/\text{NDF}: 38027.2/9$
 Left In: 3659.086 ± 0.619 $\chi^2/\text{NDF}: 198077.1/22$

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: -778.992 ± 768.805 χ^2/NDF : 20.2/27

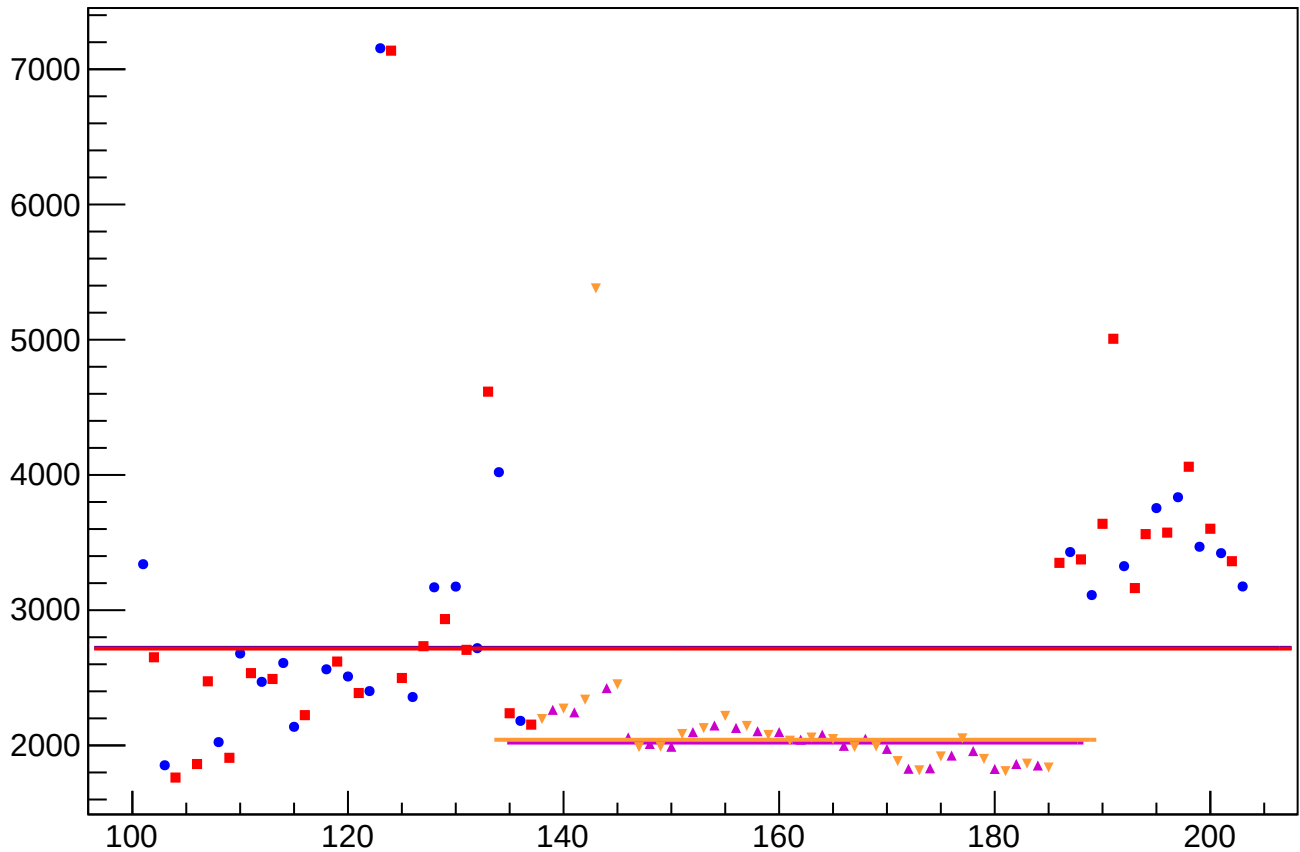
Left In: -366.243 ± 483.092 χ^2/NDF : 20.5/22

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

All: -348.347 ± 291.127 χ^2/NDF : 108.1/100

- sign -483.082 ± 409.041 χ^2/NDF : 41.0/50

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: 2716.402+/-0.544 χ^2/NDF : 1690142.5/27

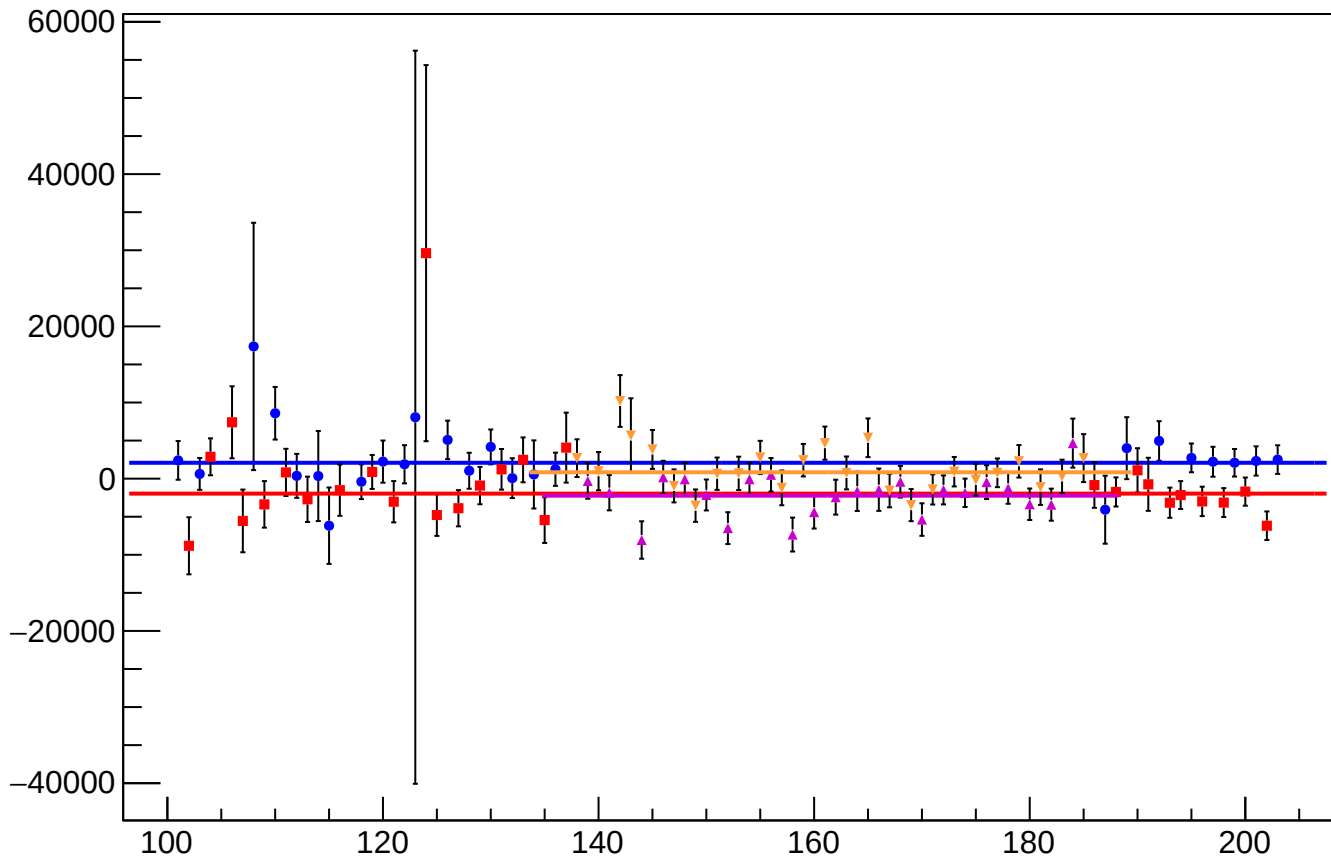
Left In: 2021.065+/-0.342 χ^2/NDF : 178726.2/22

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

All: 2218.027+/-0.206 χ^2/NDF : 5919023.3/100

- sign 2217.899+/-0.289 χ^2/NDF : 3041777.5/50

dit_asym_atl_avg_mean vs Slug



Right In: 2086.293 ± 517.790 χ^2/NDF : 16.1/24

Left Out: 837.426 ± 454.502 χ^2/NDF : 32.3/24

Right Out: -1964.593 ± 485.374 χ^2/NDF : 32.7/27

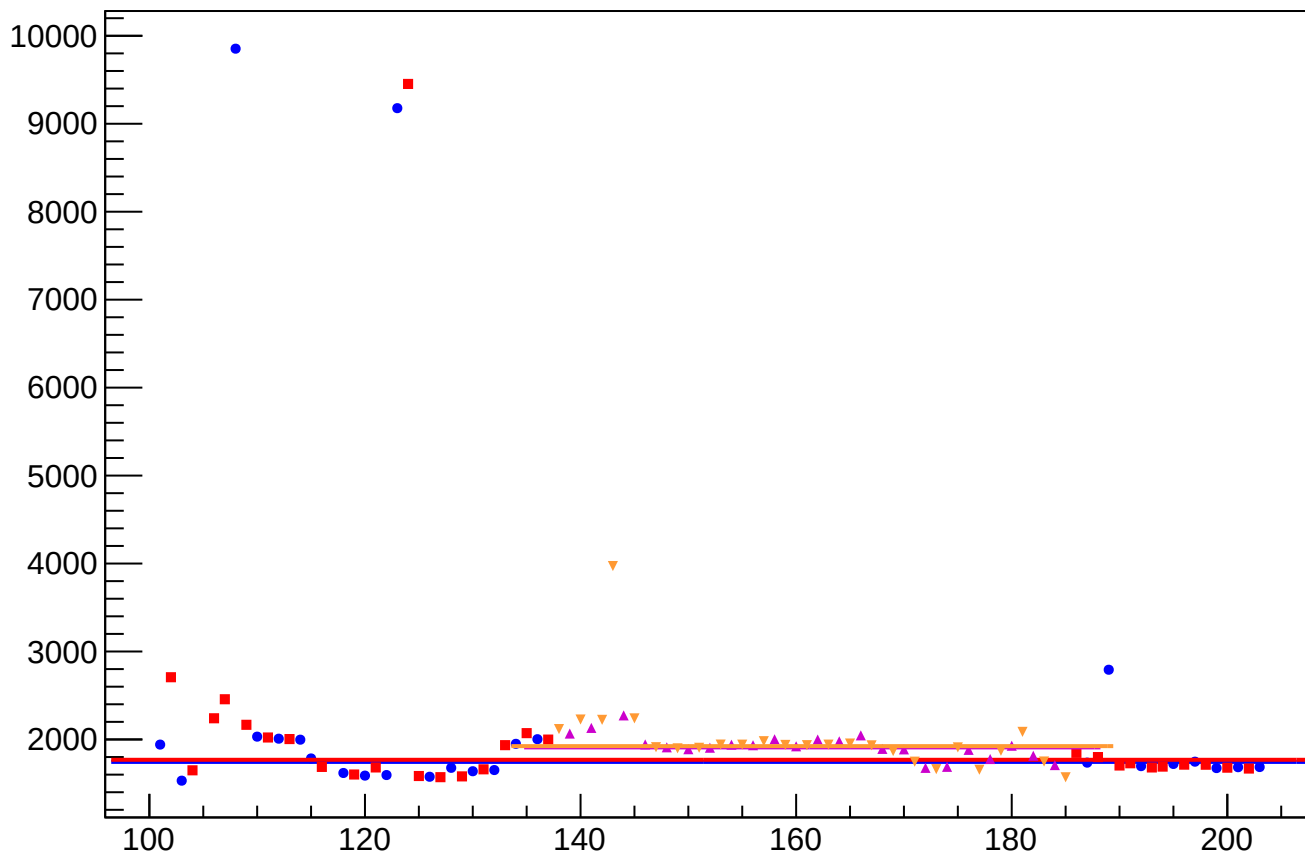
Left In: -2235.652 ± 457.720 χ^2/NDF : 31.0/22

+ sign 1380.912 ± 341.578 χ^2/NDF : 51.8/49

All: -407.912 ± 238.443 χ^2/NDF : 169.0/100

- sign -2108.064 ± 333.004 χ^2/NDF : 63.8/50

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: 1768.802+/-0.343 χ^2/NDF : 570179.3/27

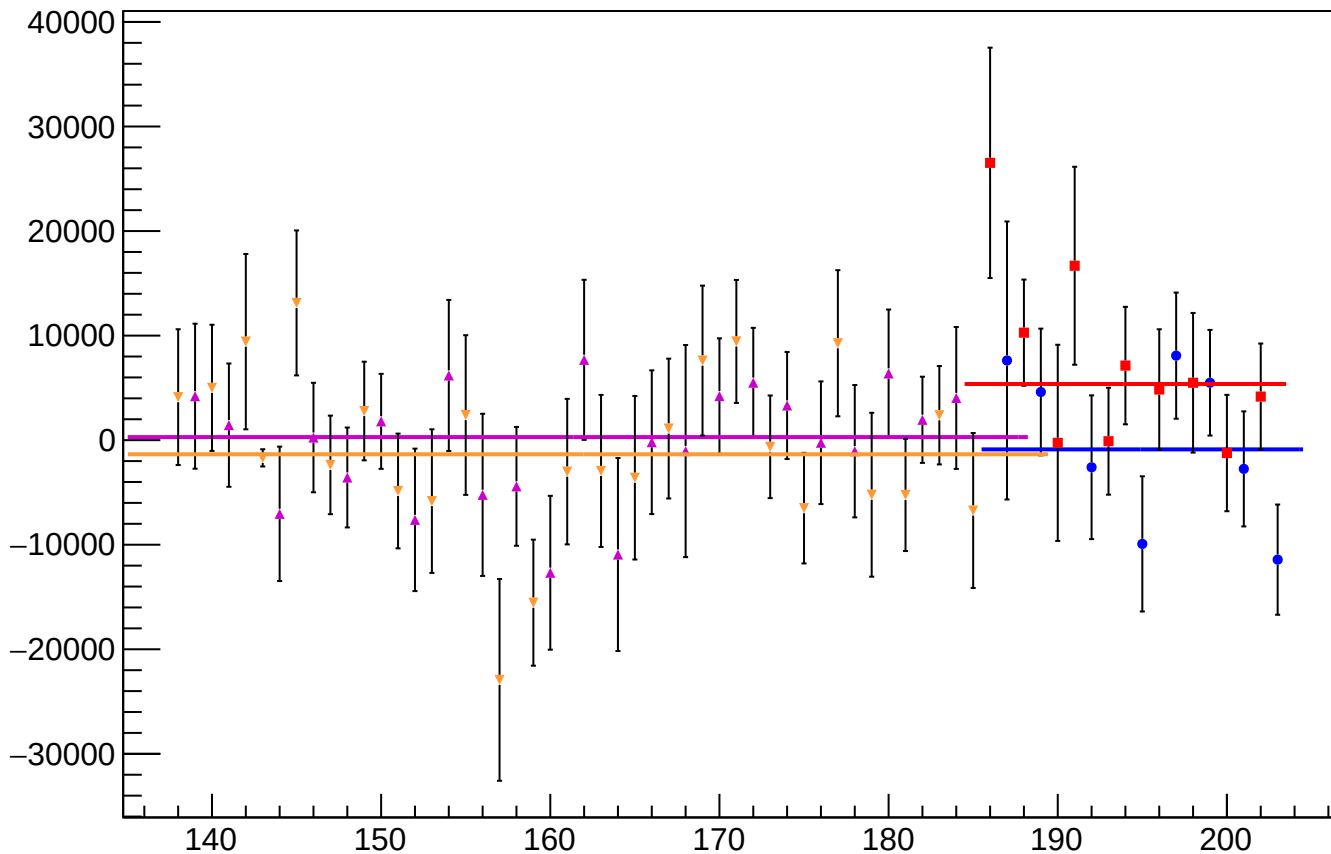
Left In: 1909.656+/-0.324 χ^2/NDF : 164475.5/22

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

All: 1844.642+/-0.169 χ^2/NDF : 2366339.1/10

- sign 1843.316+/-0.235 χ^2/NDF : 823857.3/50

asym_atl_avg_correction_mean vs Slug



Right In: -881.947 ± 2163.521 χ^2/NDF : 11.2/7

Left Out: -1349.584 ± 690.658 χ^2/NDF : 30.9/24

Right Out: 5373.460 ± 1949.405 χ^2/NDF : 9.1/9

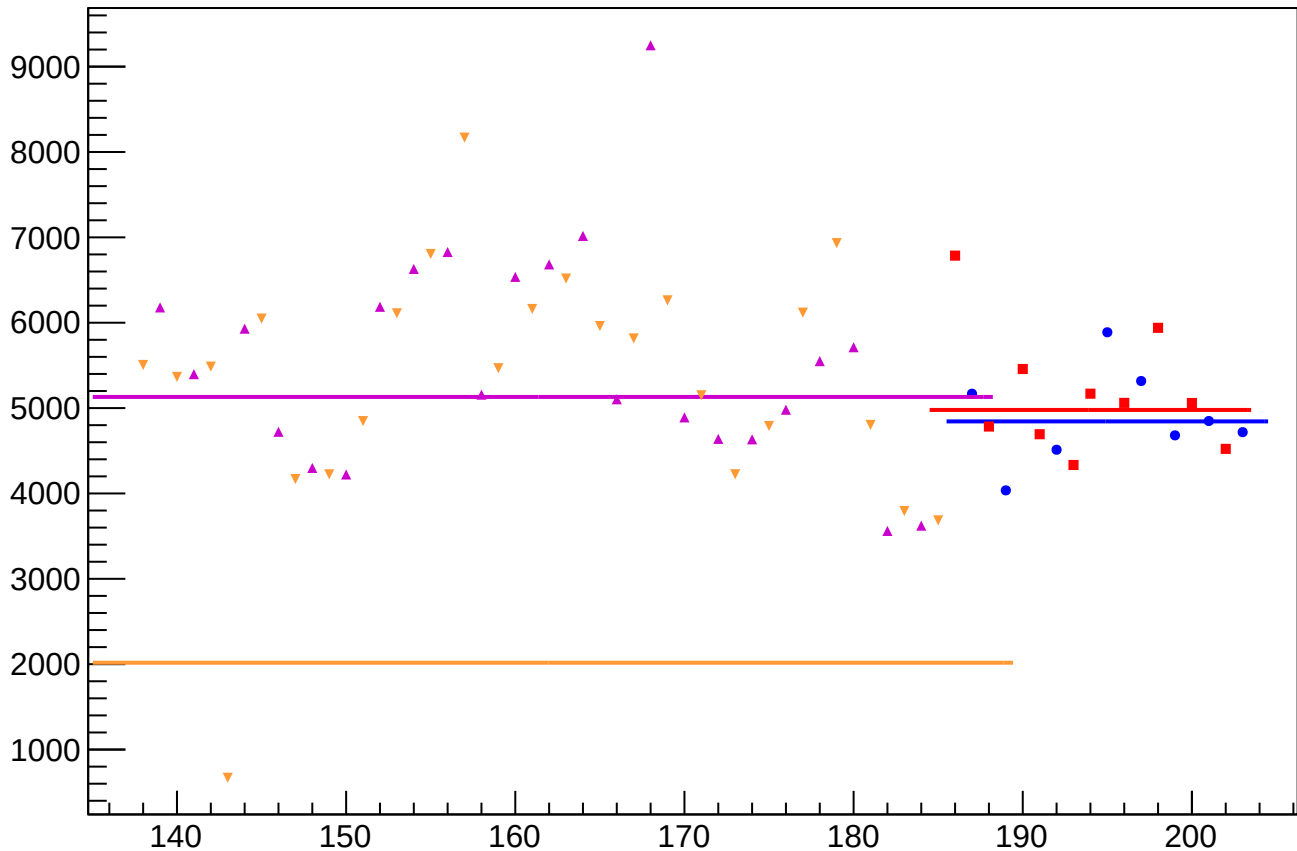
Left In: 294.047 ± 1252.274 χ^2/NDF : 14.5/22

+ sign -1306.336 ± 657.947 χ^2/NDF : 42.1/32

All: -441.057 ± 558.071 χ^2/NDF : 76.7/65

- sign 1777.828 ± 1053.611 χ^2/NDF : 28.5/32

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: 4978.422+/-1.378 χ^2/NDF : 156380.7/9

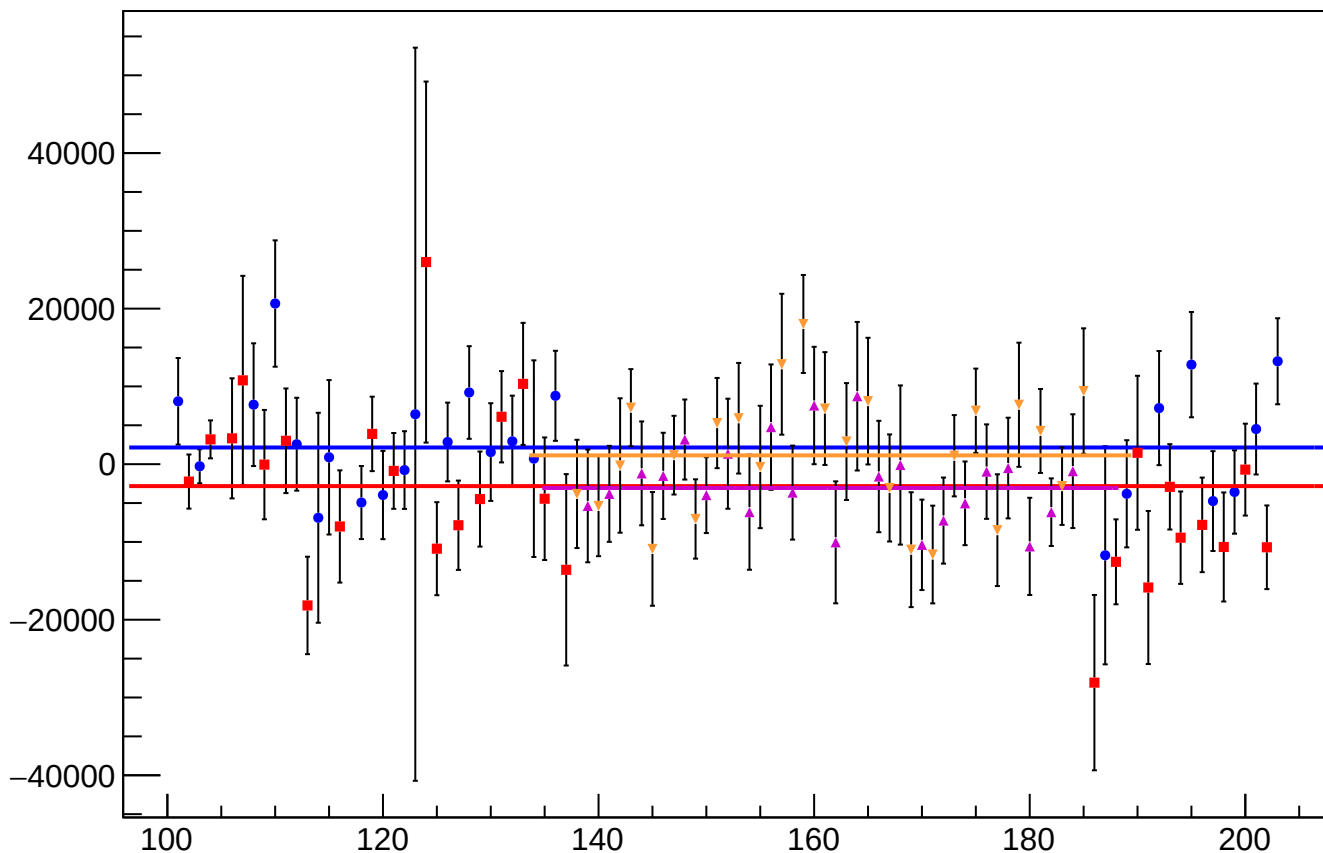
Left In: 5130.756+/-0.885 χ^2/NDF : 1489813.1/22

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

All: 3066.355+/-0.395 χ^2/NDF : 34239349.1/6

- sign 5086.257+/-0.745 χ^2/NDF : 1654839.2/32

asym_atl_avg_mean vs Slug



Right In: 2145.960 $\pm$ 1133.652 χ^2/NDF : 26.2/24

Left Out: 1132.501 $\pm$ 1280.211 χ^2/NDF : 32.5/24

Right Out: -2821.261 $\pm$ 1094.645 χ^2/NDF : 43.0/27

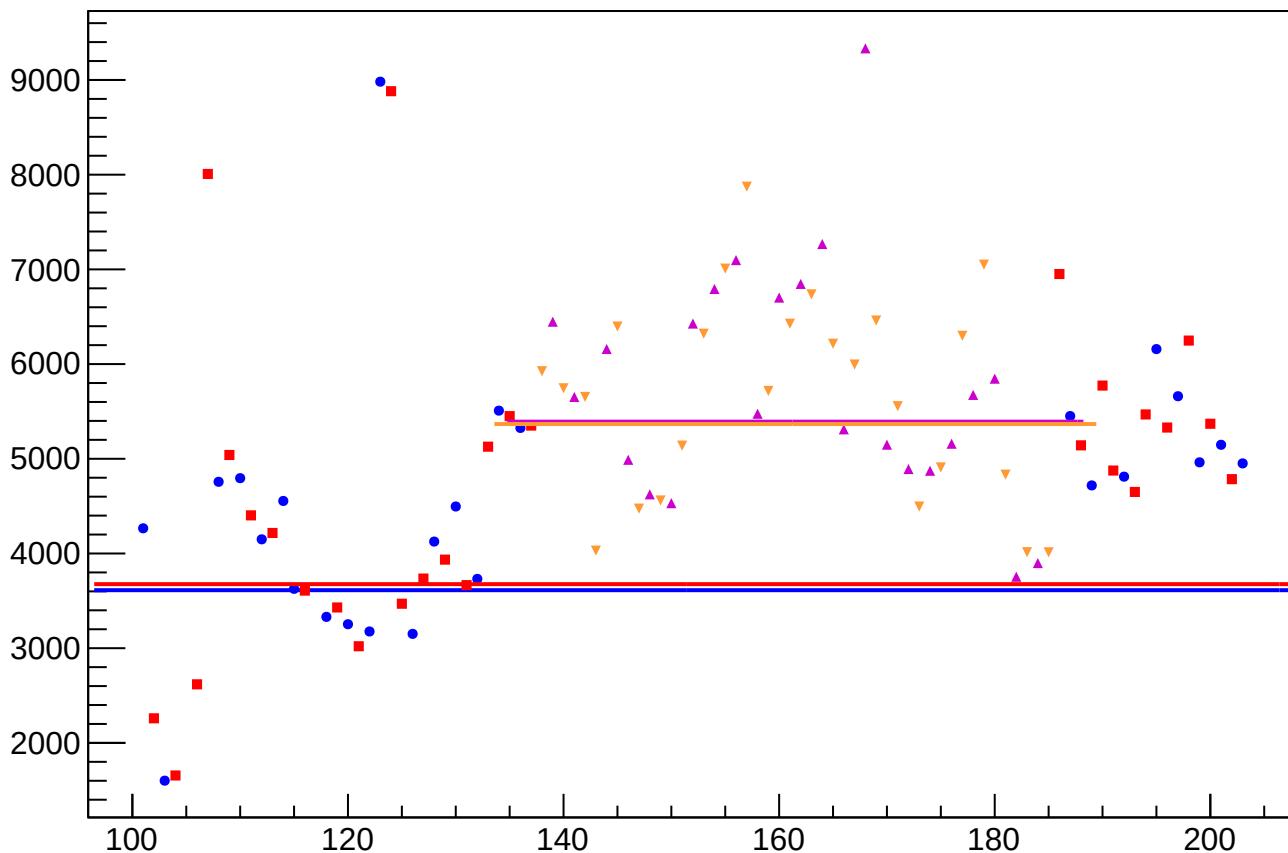
Left In: -3061.439 $\pm$ 1313.197 χ^2/NDF : 12.3/22

+ sign 1700.537 $\pm$ 848.721 χ^2/NDF : 59.0/49

All: -631.170 $\pm$ 597.327 χ^2/NDF : 129.3/100

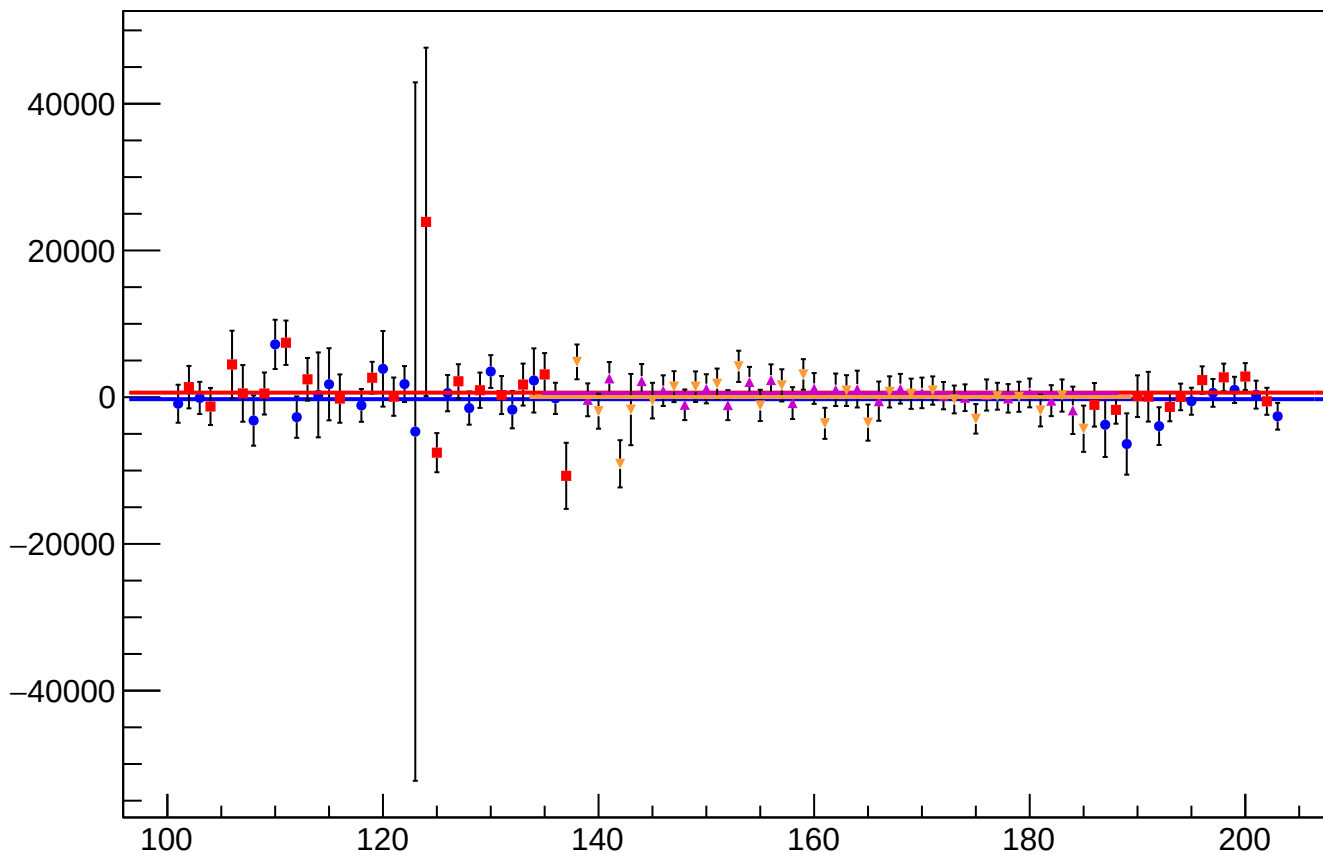
- sign -2919.728 $\pm$ 840.831 χ^2/NDF : 55.3/50

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: 4377.153 $\pm$ 0.421	χ^2 /NDF: 13654657.0/1
Right Out: 3676.242 $\pm$ 0.766	χ^2 /NDF: 3800192.6/27	- sign 4370.869 $\pm$ 0.591	χ^2 /NDF: 7152492.6/50
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: 618.656+/-473.445 χ^2 /NDF: 32.7/27

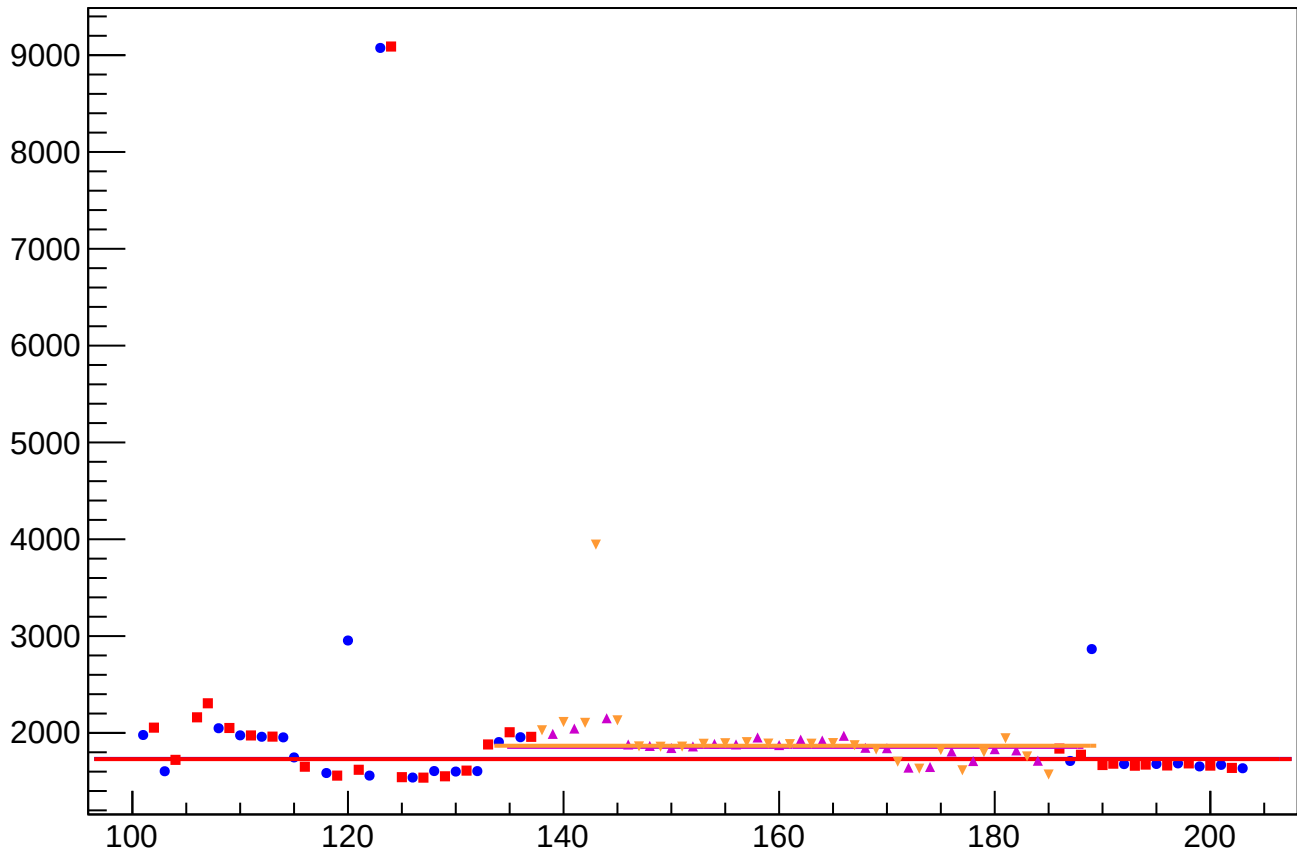
Left In: 514.693+/-444.402 χ^2 /NDF:5.9/22

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

All: 240.230+/-232.396 χ^2 /NDF: 91.9/100

- sign 563.388+/-324.021 χ^2 /NDF: 38.7/50

dit_asym_atl_dd_rms vs Slug



Right In: 1731.592 $\pm$ 0.361 χ^2 /NDF: 465256.1/24

Left Out: 1867.539 $\pm$ 0.312 χ^2 /NDF: 545343.0/24

Right Out: 1729.265 $\pm$ 0.335 χ^2 /NDF: 437892.3/27

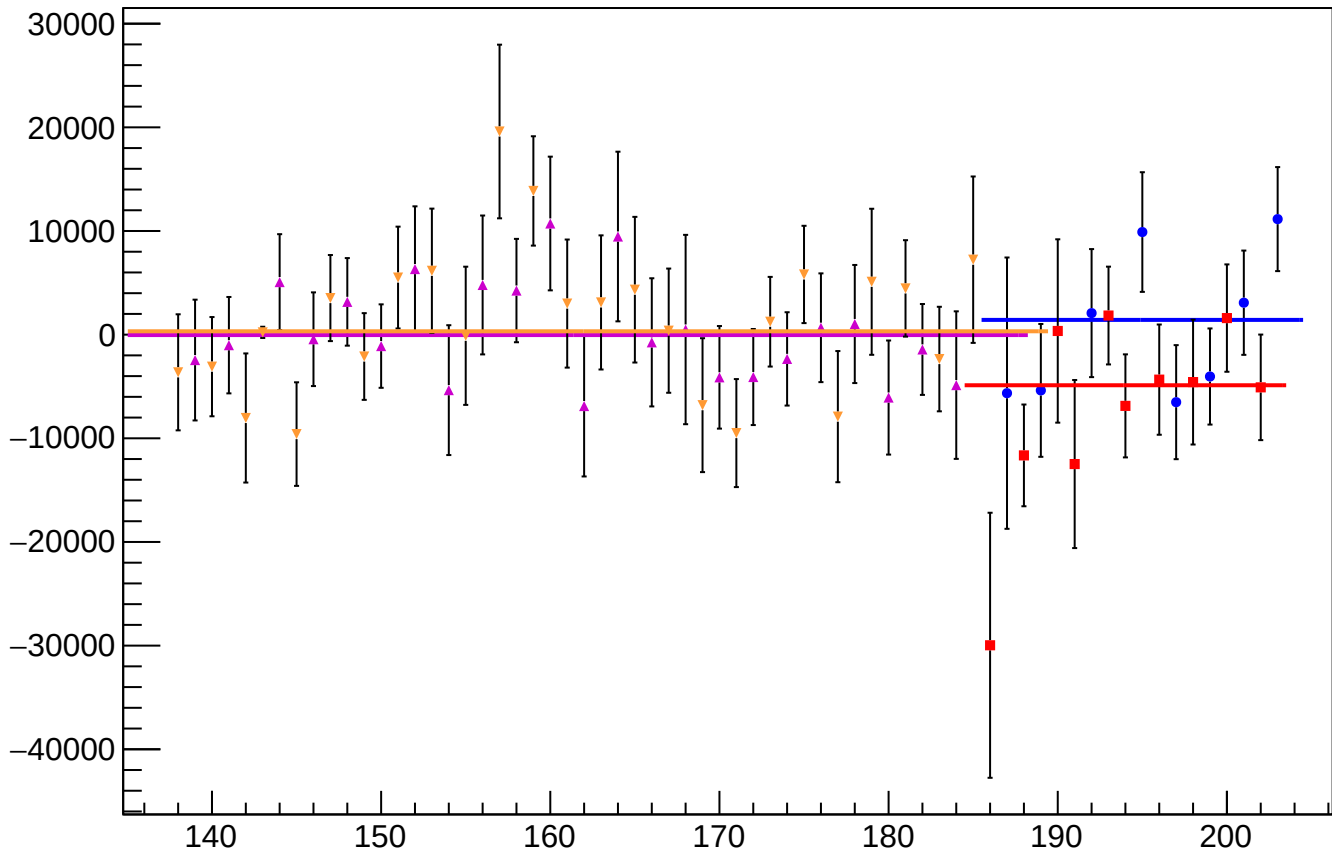
Left In: 1855.480 $\pm$ 0.314 χ^2 /NDF: 136219.4/22

+ sign 1809.436 $\pm$ 0.236 χ^2 /NDF: 1091931.8/49

All: 1802.684 $\pm$ 0.164 χ^2 /NDF: 1743260.3/10

- sign 1796.314 $\pm$ 0.229 χ^2 /NDF: 649735.2/50

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: -4881.757 $\pm$ 1826.270 χ^2 /NDF: 10.8/9

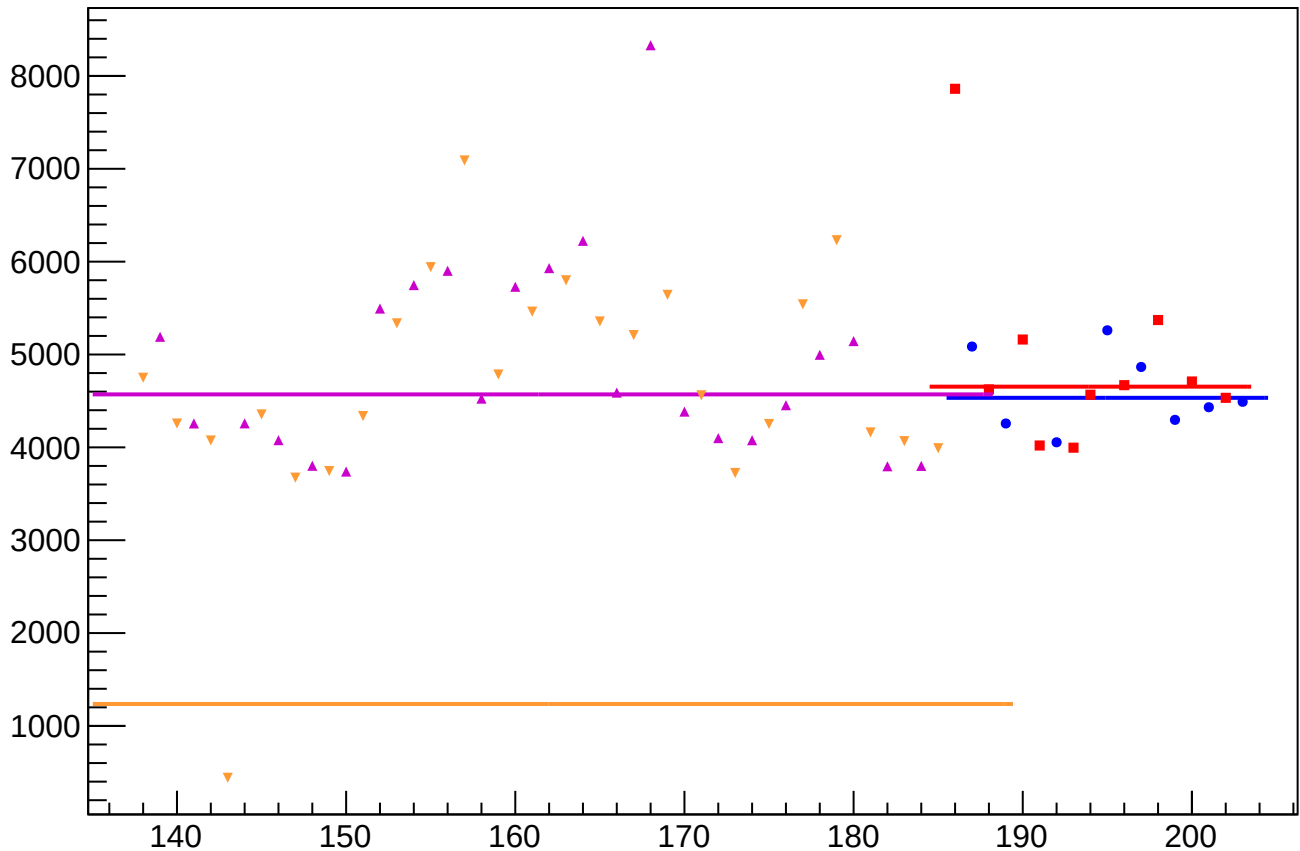
Left In: -40.142 $\pm$ 1109.747 χ^2 /NDF: 13.9/22

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

All: 39.039 $\pm$ 424.397 χ^2 /NDF: 76.1/65

- sign -1345.789 $\pm$ 948.381 χ^2 /NDF: 29.7/32

asym_atl_dd_correction_rms vs Slug



Right In: 4533.467+/-1.428 χ^2/NDF : 64534.7/7

Left Out: 1236.170+/-0.345 χ^2/NDF : 23395886.7/24

Right Out: 4653.613+/-1.291 χ^2/NDF : 213969.6/9

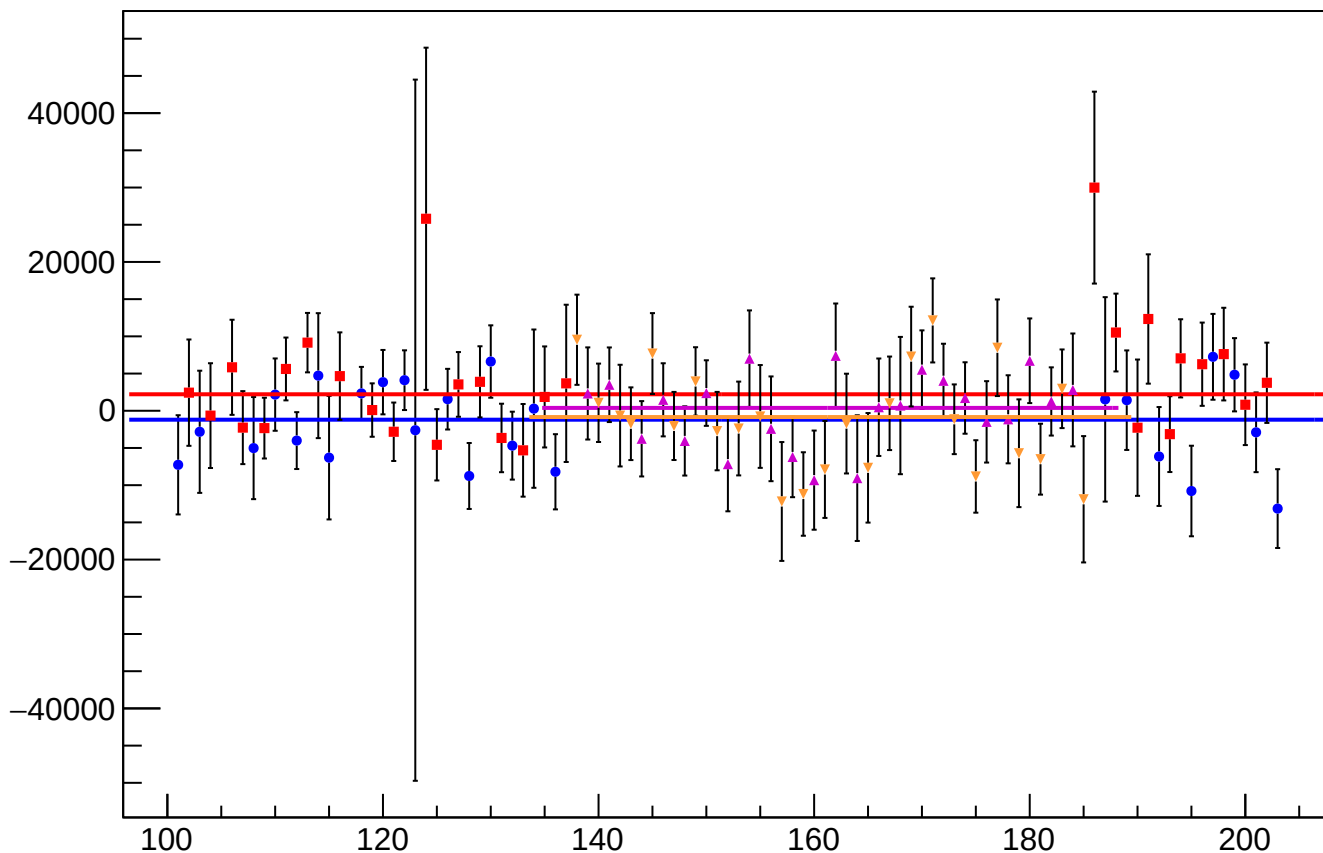
Left In: 4570.398+/-0.785 χ^2/NDF : 1145211.6/22

+ sign 1418.270+/-0.336 χ^2/NDF : 28498150.1/32

All: 2053.987+/-0.300 χ^2/NDF : 47782349.3/6

- sign 4592.839+/-0.671 χ^2/NDF : 1362213.8/32

asym_atl_dd_mean vs Slug



Right In: -1199.978 ± 1077.367 $\chi^2/\text{NDF}: 27.7/24$

Left Out: -845.427 ± 1152.677 $\chi^2/\text{NDF}: 30.0/24$

Right Out: 2216.835 ± 1015.073 $\chi^2/\text{NDF}: 26.9/27$

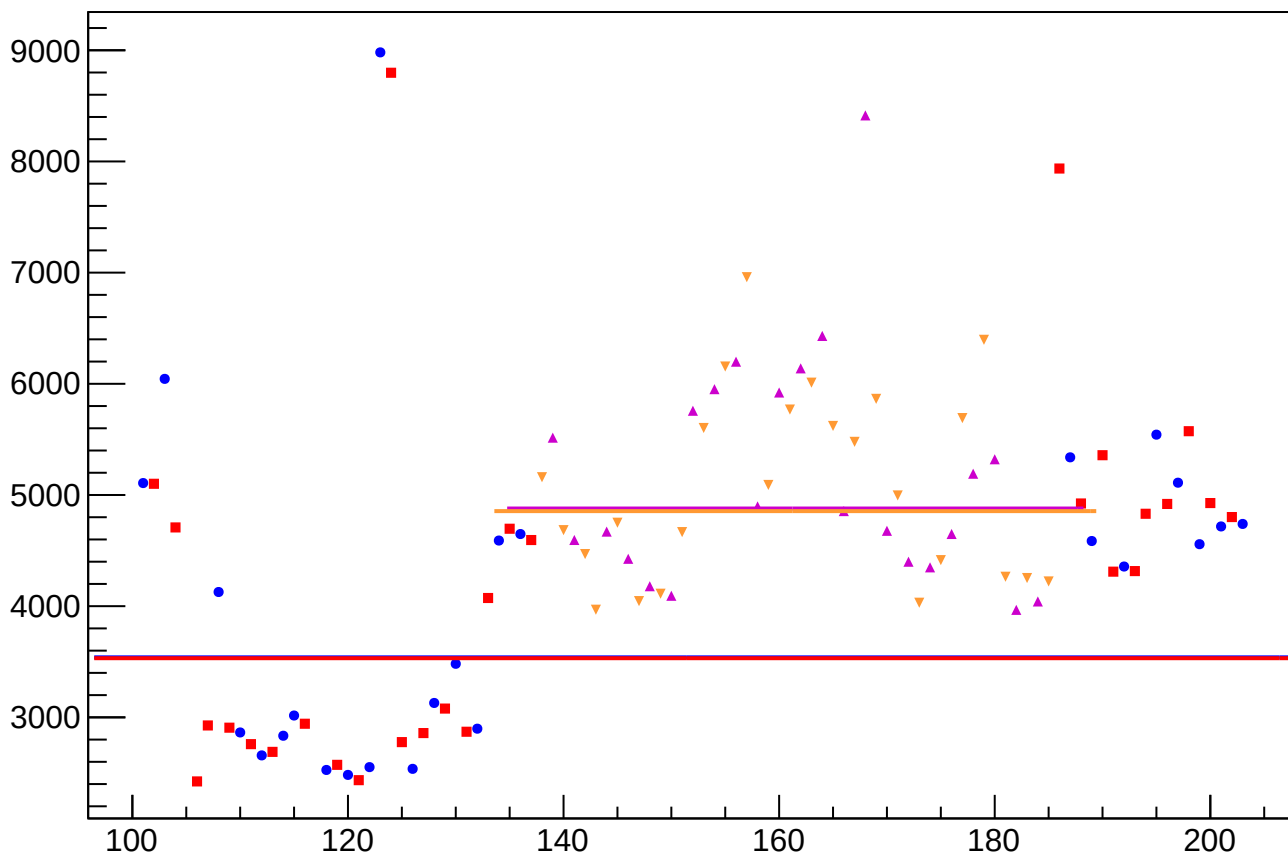
Left In: 385.098 ± 1181.458 $\chi^2/\text{NDF}: 13.9/22$

+ sign -1034.662 ± 787.092 $\chi^2/\text{NDF}: 57.8/49$

All: 229.395 ± 550.390 $\chi^2/\text{NDF}: 105.1/100$

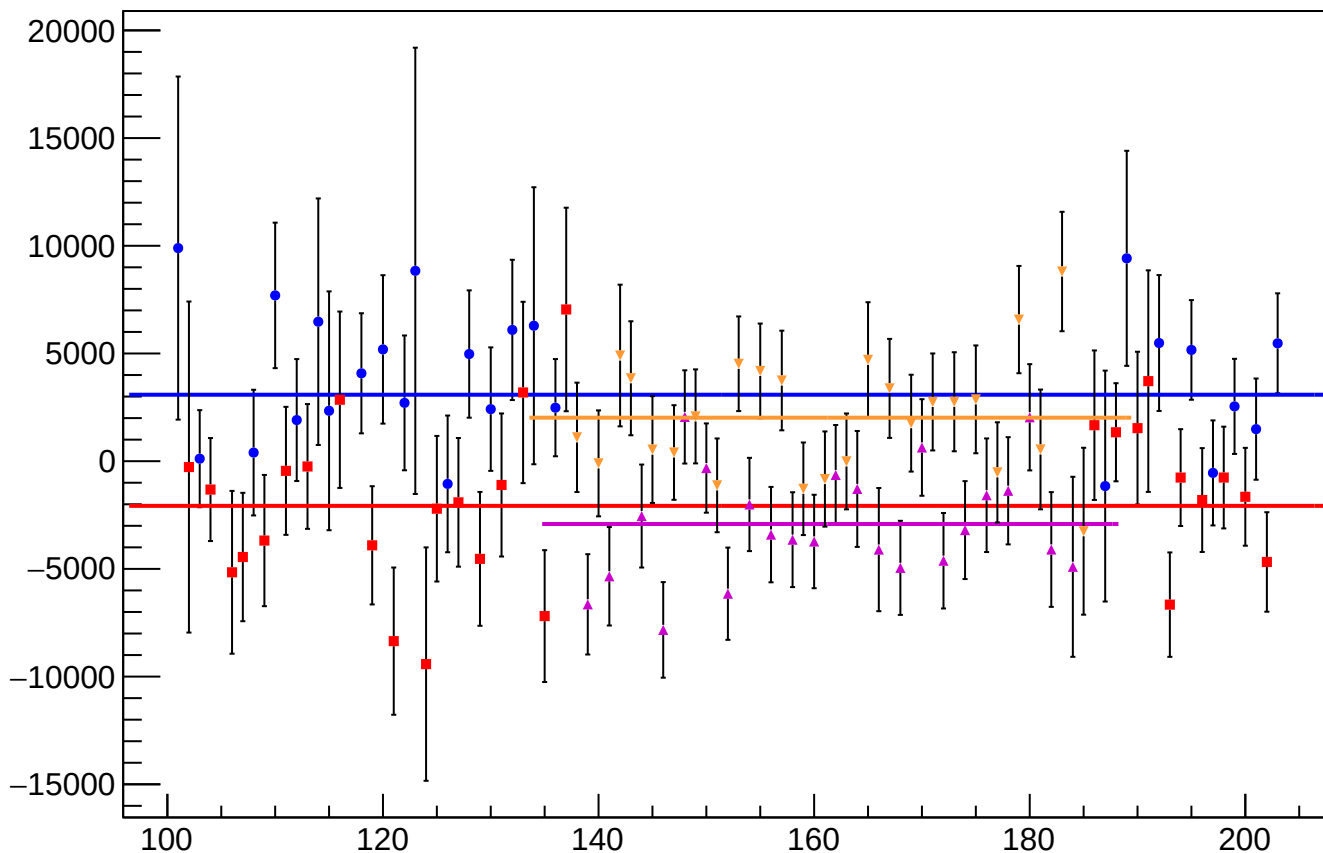
- sign 1438.927 ± 769.929 $\chi^2/\text{NDF}: 42.2/50$

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: 4124.564+/-0.388	χ^2/NDF : 9112757.7/10
Right Out: 3532.008+/-0.711	χ^2/NDF : 2386259.1/27	- sign 4097.739+/-0.542	χ^2/NDF : 4857065.6/50
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: -2073.763 $\pm$ 565.890 χ^2 /NDF: 29.6/27

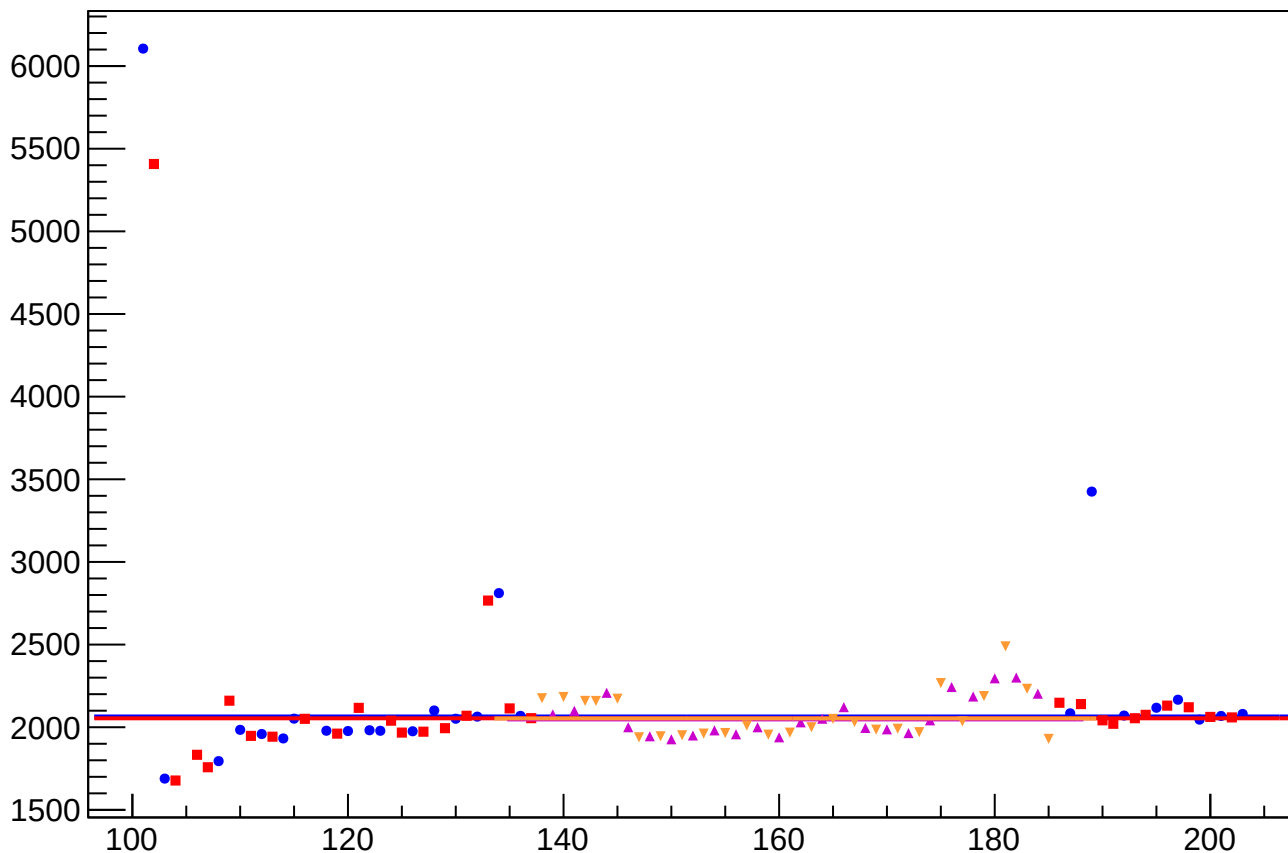
Left In: -2916.079 $\pm$ 489.445 χ^2 /NDF: 28.8/22

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

All: -115.637 $\pm$ 264.472 χ^2 /NDF: 194.7/100

- sign -2555.617 $\pm$ 370.190 χ^2 /NDF: 59.7/50

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: 2053.996 $\pm$ 0.400 χ^2 /NDF: 538166.5/27

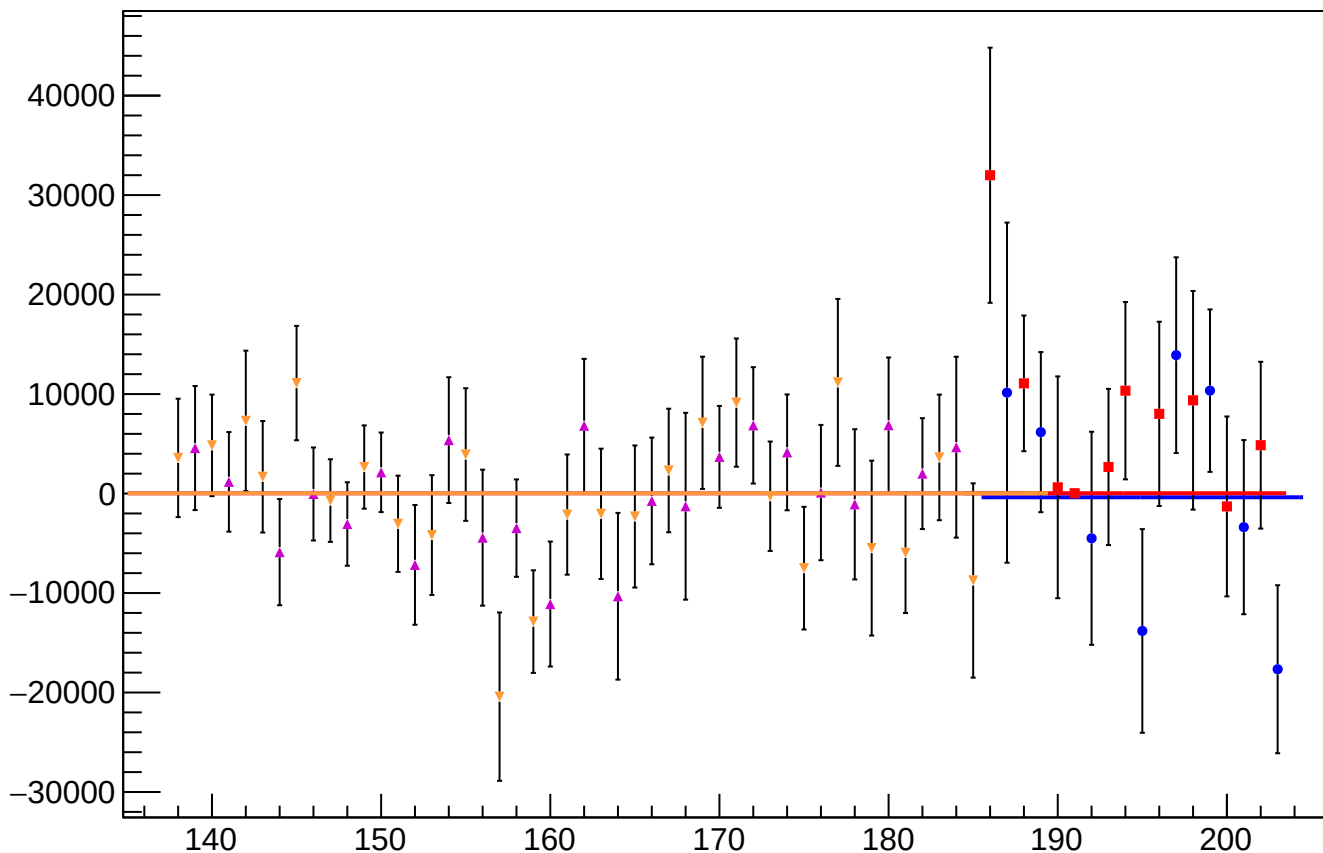
Left In: 2047.277 $\pm$ 0.346 χ^2 /NDF:103001.2/22

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

All: 2053.892 $\pm$ 0.187 χ^2 /NDF: 1558715.8/10

- sign 2050.153 $\pm$ 0.262 χ^2 /NDF: 641329.0/50

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: 31.784 ± 15.145 χ^2/NDF : 12.1/9

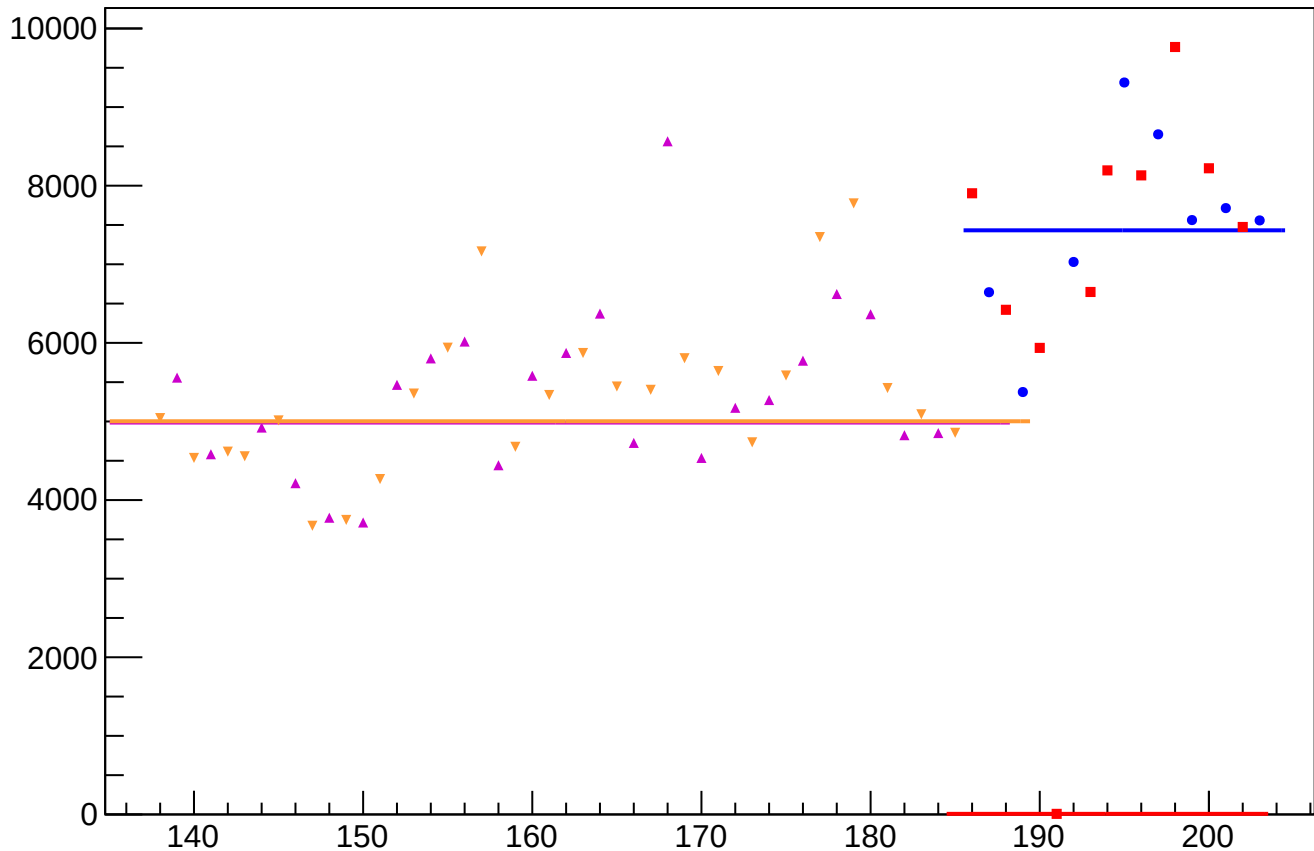
Left In: 23.765 ± 1211.652 χ^2/NDF : 15.2/22

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

All: 31.773 ± 15.142 χ^2/NDF : 67.6/65

- sign 31.782 ± 15.144 χ^2/NDF : 27.3/32

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: 7.696+/-0.011 χ^2/NDF : 12563097.9/9

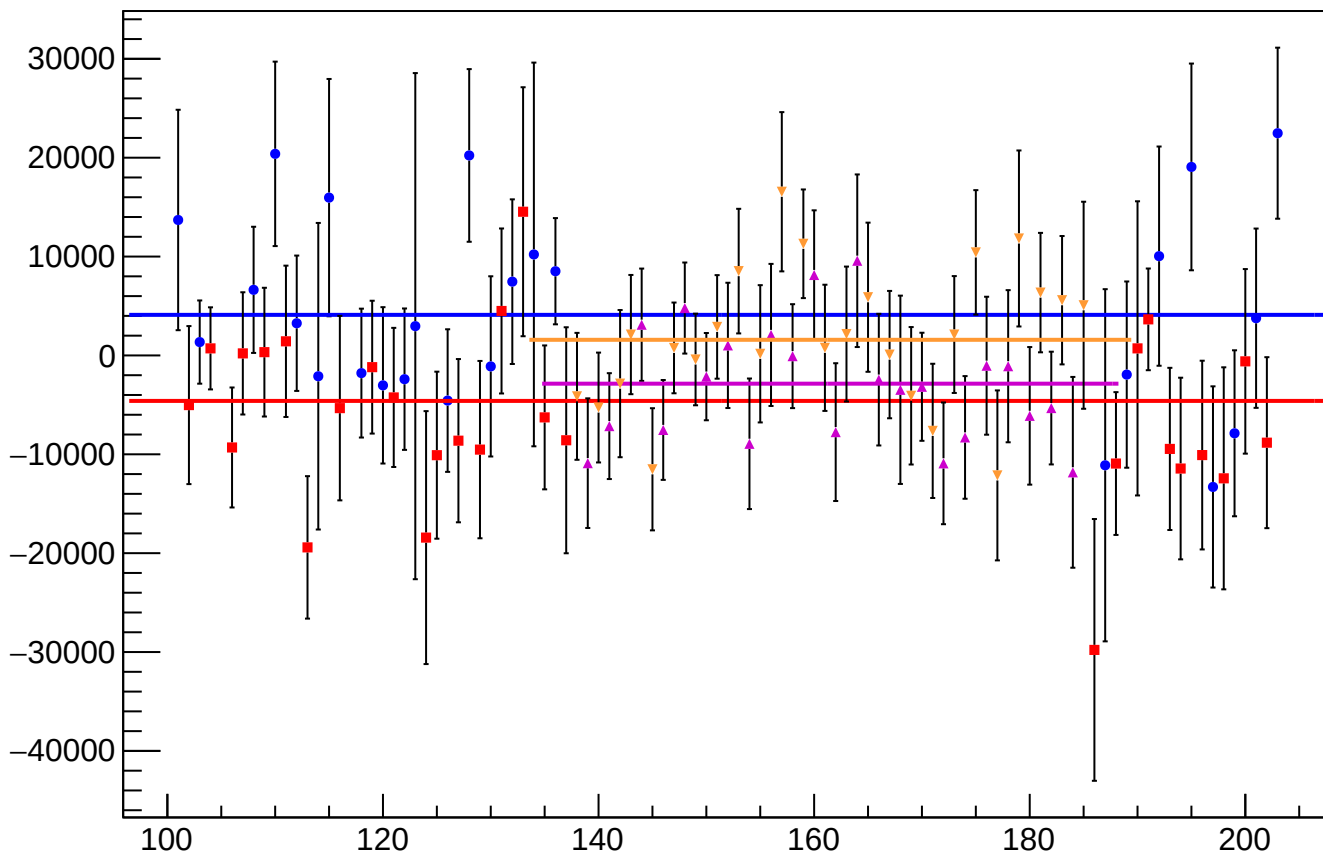
Left In: 4986.169+/-0.857 χ^2/NDF :1197602.7/22

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

All: 9.429+/-0.011 χ^2/NDF : 93719661.4/65

- sign 8.474+/-0.011 χ^2/NDF : 47520407.3/32

asym_atr_avg_mean vs Slug



Right In: 4103.784 $\pm$ 1642.169 χ^2 /NDF: 27.1/24

Left Out: 1580.515 $\pm$ 1266.098 χ^2 /NDF: 25.2/24

Right Out: -4599.623 $\pm$ 1454.161 χ^2 /NDF: 23.6/27

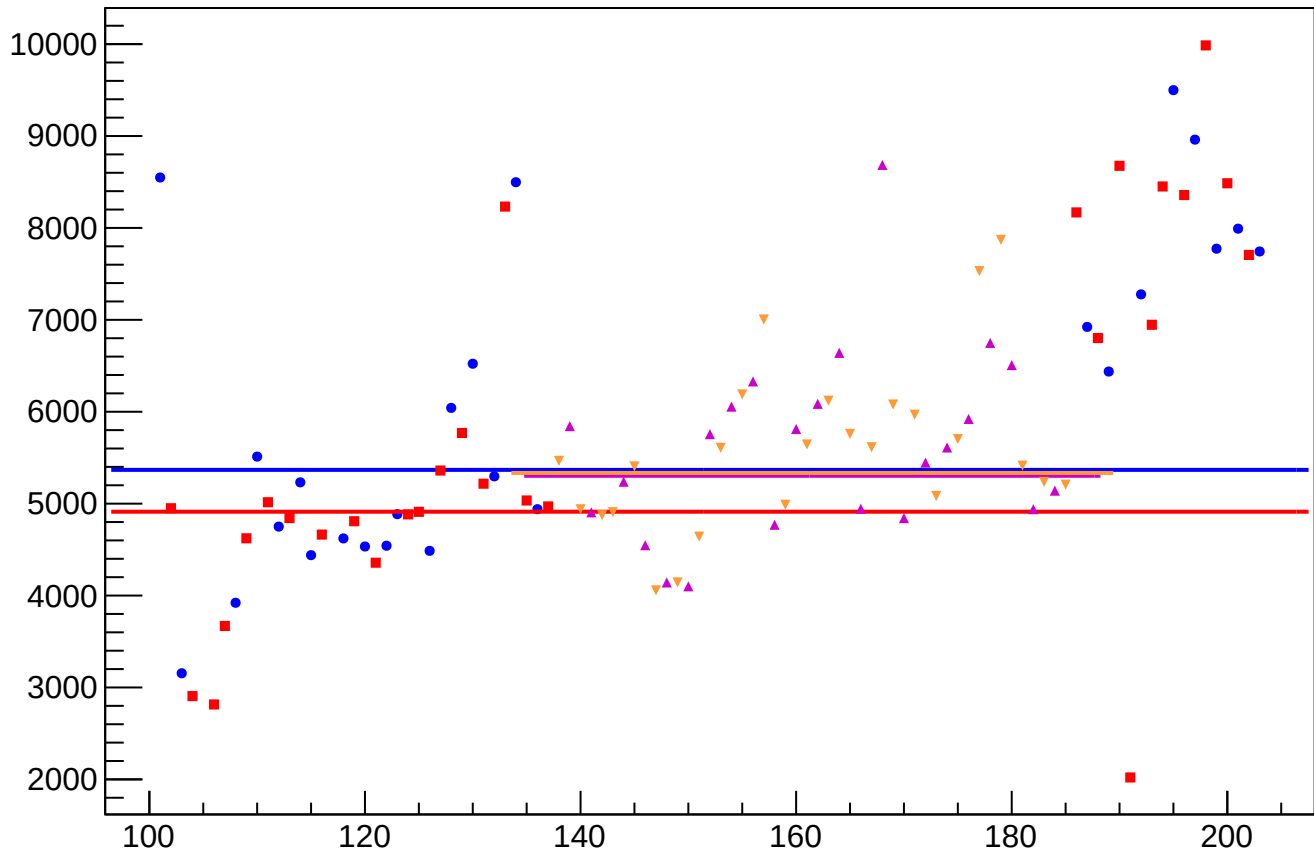
Left In: -2856.480 $\pm$ 1284.131 χ^2 /NDF: 18.1/22

+ sign 2521.229 $\pm$ 1002.686 χ^2 /NDF: 53.7/49

All: -674.887 $\pm$ 694.380 χ^2 /NDF: 115.7/100

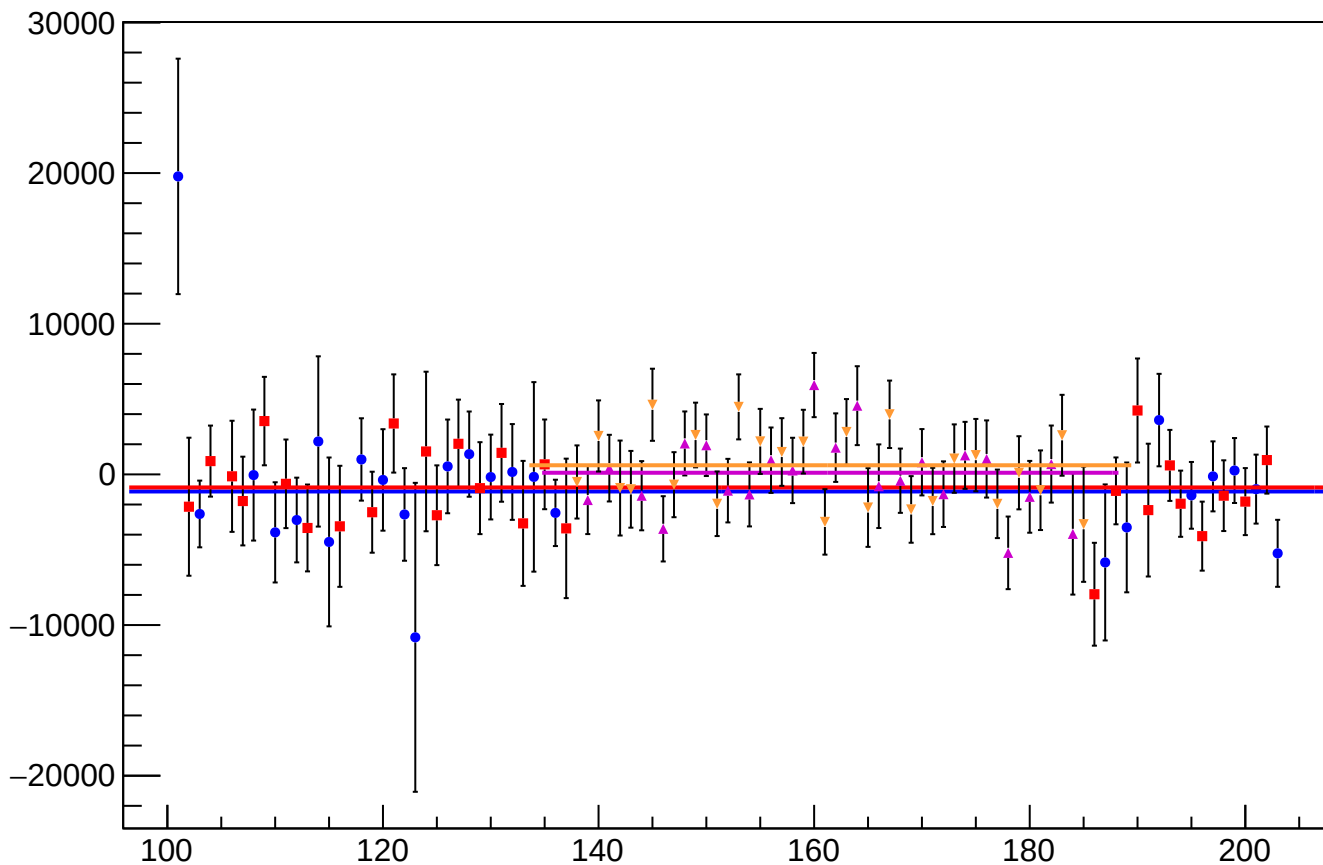
- sign -3620.229 $\pm$ 962.546 χ^2 /NDF: 42.5/50

asym_atr_avg_rms vs Slug



Right In: 5367.532 $\pm$ 1.161	χ^2 /NDF: 2206834.8/24	+ sign 5346.640 $\pm$ 0.709	χ^2 /NDF: 3072765.2/49
Left Out: 5334.221 $\pm$ 0.895	χ^2 /NDF: 865414.3/24		
Right Out: 4912.346 $\pm$ 1.024	χ^2 /NDF: 3615441.1/27	All: 5234.339 $\pm$ 0.491	χ^2 /NDF: 7778294.6/10
Left In: 5303.321 $\pm$ 0.908	χ^2 /NDF: 960356.0/22	- sign 5131.223 $\pm$ 0.679	χ^2 /NDF: 4657405.3/50

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: -865.714 ± 549.325 χ^2/NDF : 19.5/27

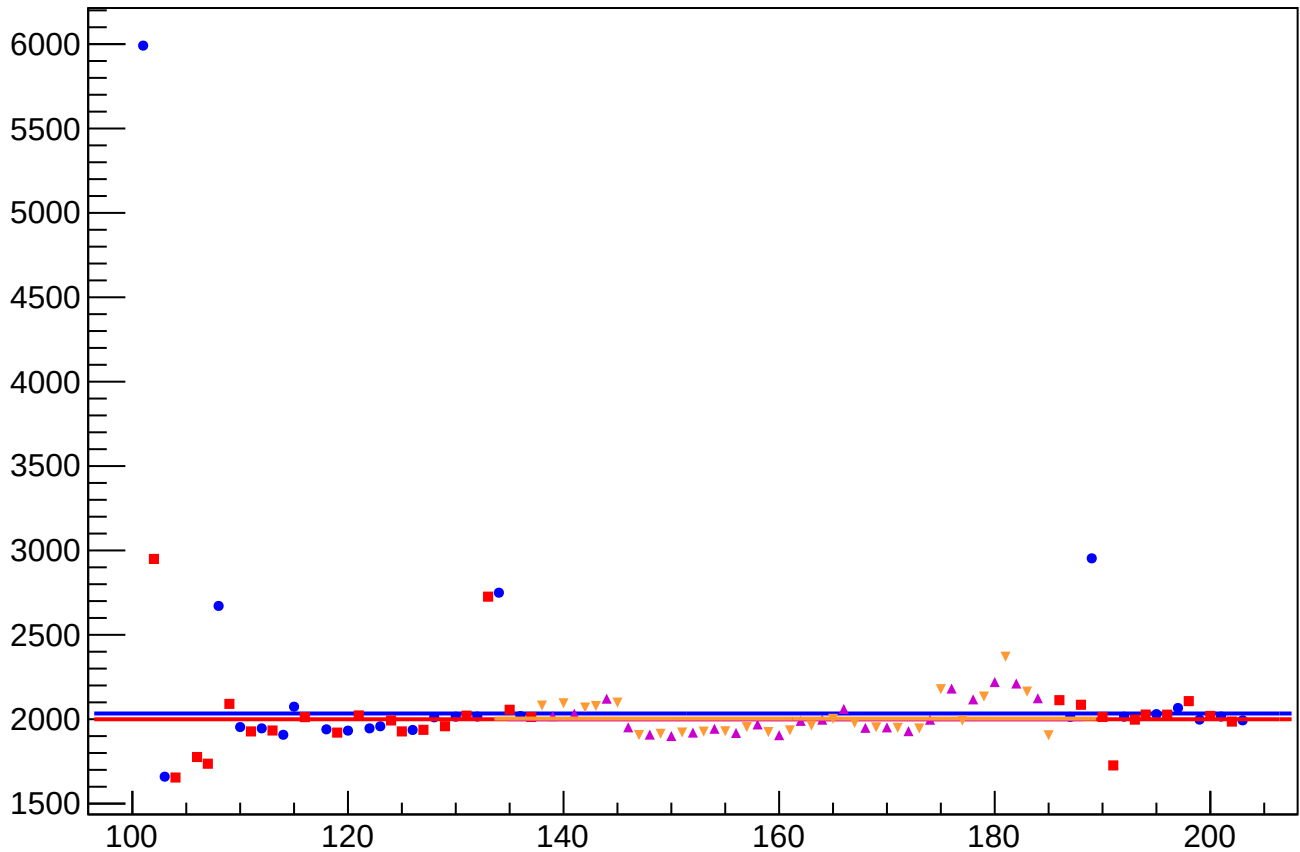
Left In: 108.365 ± 477.899 χ^2/NDF : 25.0/22

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

All: -185.773 ± 258.185 χ^2/NDF : 97.5/100

- sign -311.269 ± 360.552 χ^2/NDF : 46.2/50

dit_asym_atr_dd_rms vs Slug



Right In: 2033.936+/-0.425 χ^2/NDF : 744330.9/24

Left Out: 2003.987+/-0.332 χ^2/NDF : 99981.7/24

Right Out: 1999.767+/-0.388 χ^2/NDF : 240964.1/27

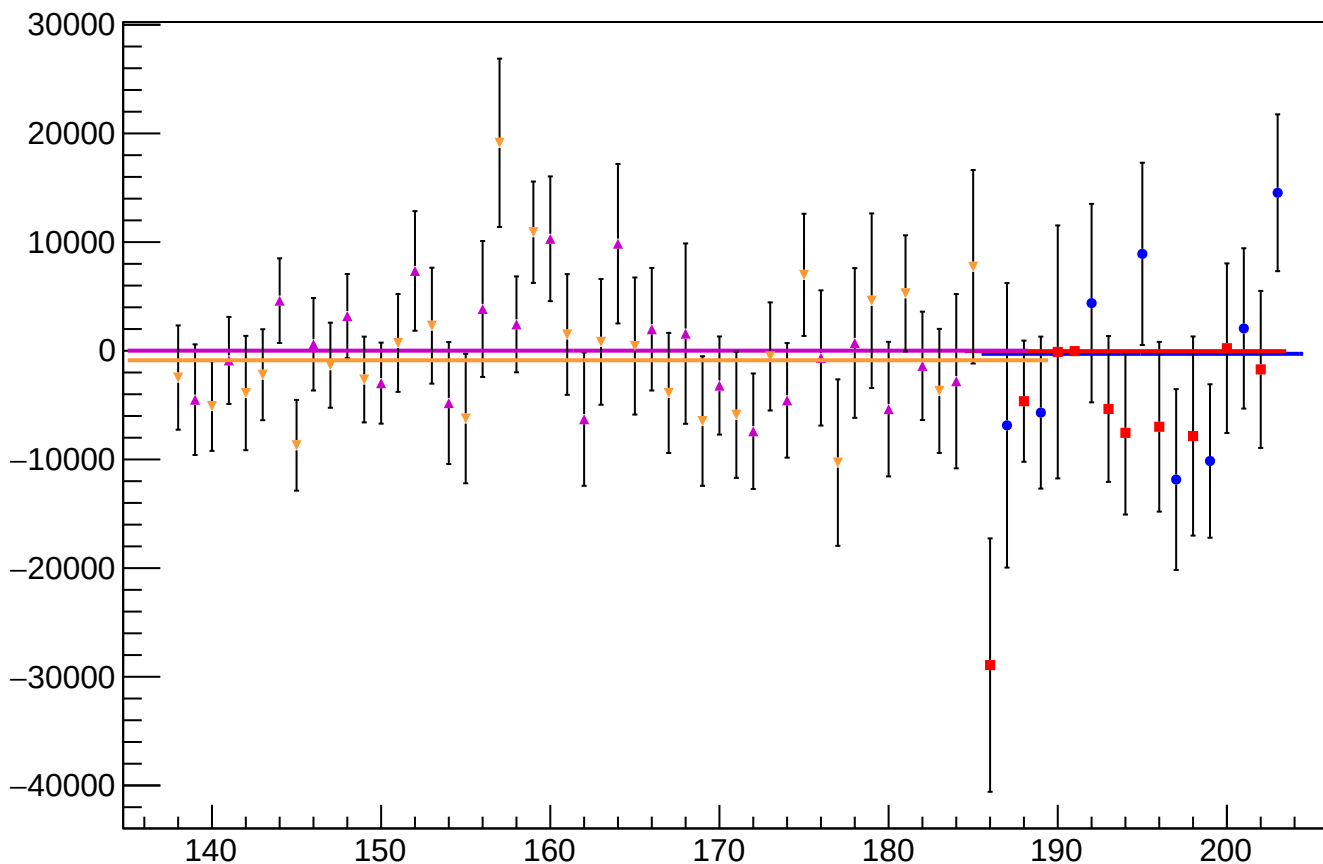
Left In: 2000.119+/-0.338 χ^2/NDF : 79688.8/22

+ sign 2015.340+/-0.262 χ^2/NDF : 847398.6/49

All: 2007.455+/-0.183 χ^2/NDF : 1169823.9/100

- sign 1999.967+/-0.255 χ^2/NDF : 320653.4/50

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: -31.226 ± 14.261 χ^2/NDF : 10.0/9

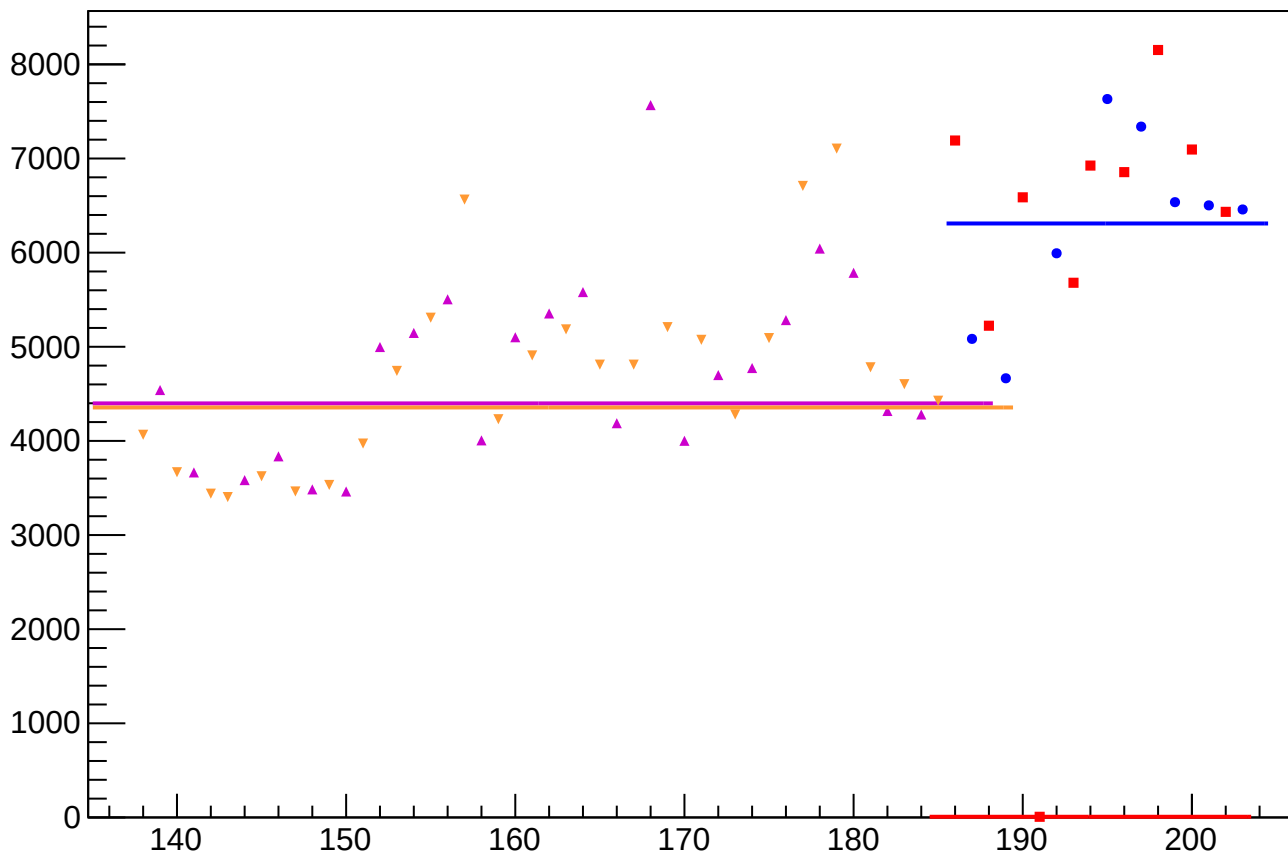
Left In: 10.945 ± 1070.258 χ^2/NDF : 17.2/22

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

All: -31.382 ± 14.258 χ^2/NDF : 66.7/65

- sign -31.219 ± 14.259 χ^2/NDF : 27.2/32

asym_atr_dd_correction_rms vs Slug



Right In: 6309.756 $\pm$ 2.003 χ^2/NDF : 215146.3/7

Left Out: 4355.202 $\pm$ 0.738 χ^2/NDF :1350492.3/24

Right Out: 7.266 $\pm$ 0.010 χ^2/NDF : 12622933.3/9

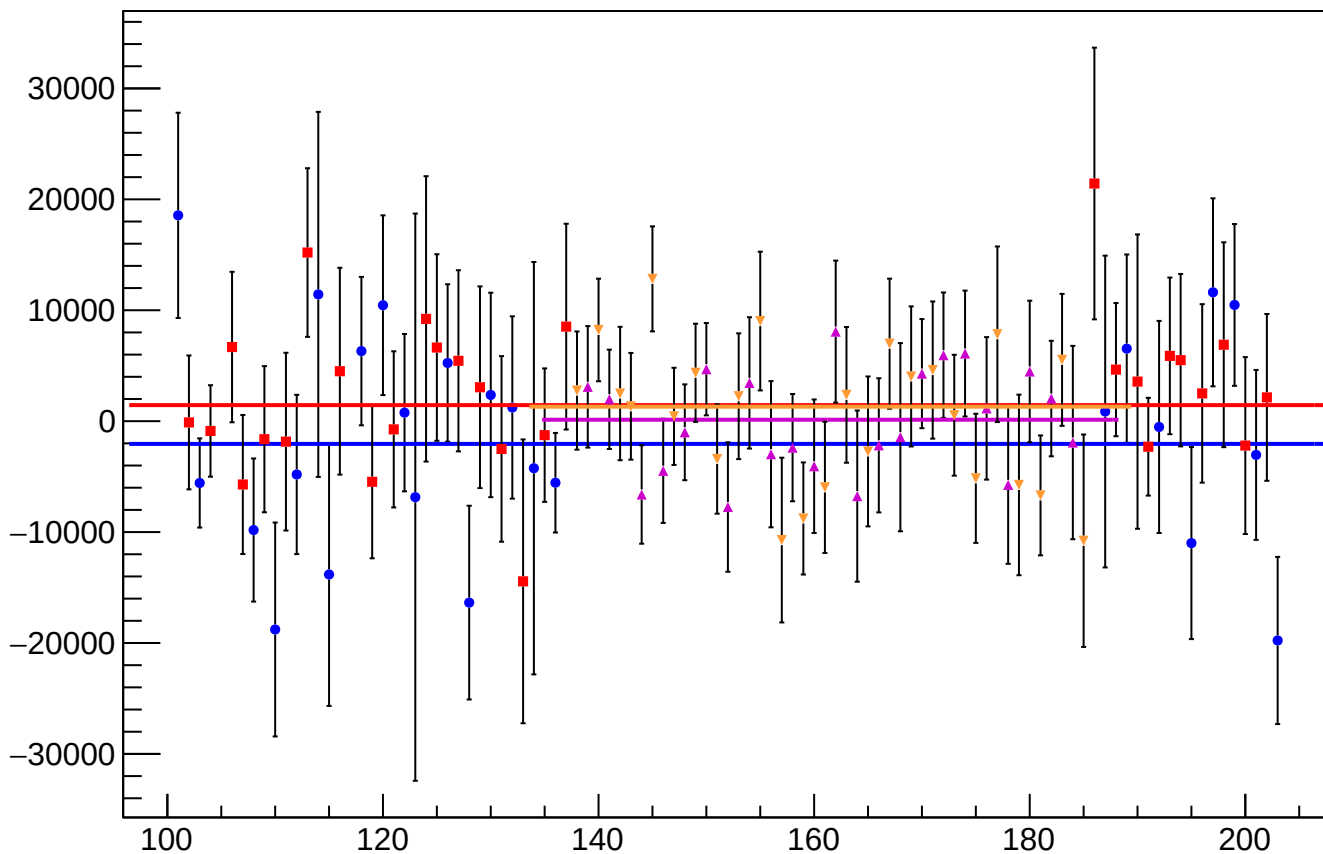
Left In: 4398.421 $\pm$ 0.757 χ^2/NDF :1278784.1/22

+ sign 4588.656 $\pm$ 0.692 χ^2/NDF : 2403910.0/32

All: 9.017 $\pm$ 0.010 χ^2/NDF : 93732699.4/65

- sign 8.045 $\pm$ 0.010 χ^2/NDF : 47563205.7/32

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: 1446.501 ± 1363.668 χ^2/NDF : 15.7/27

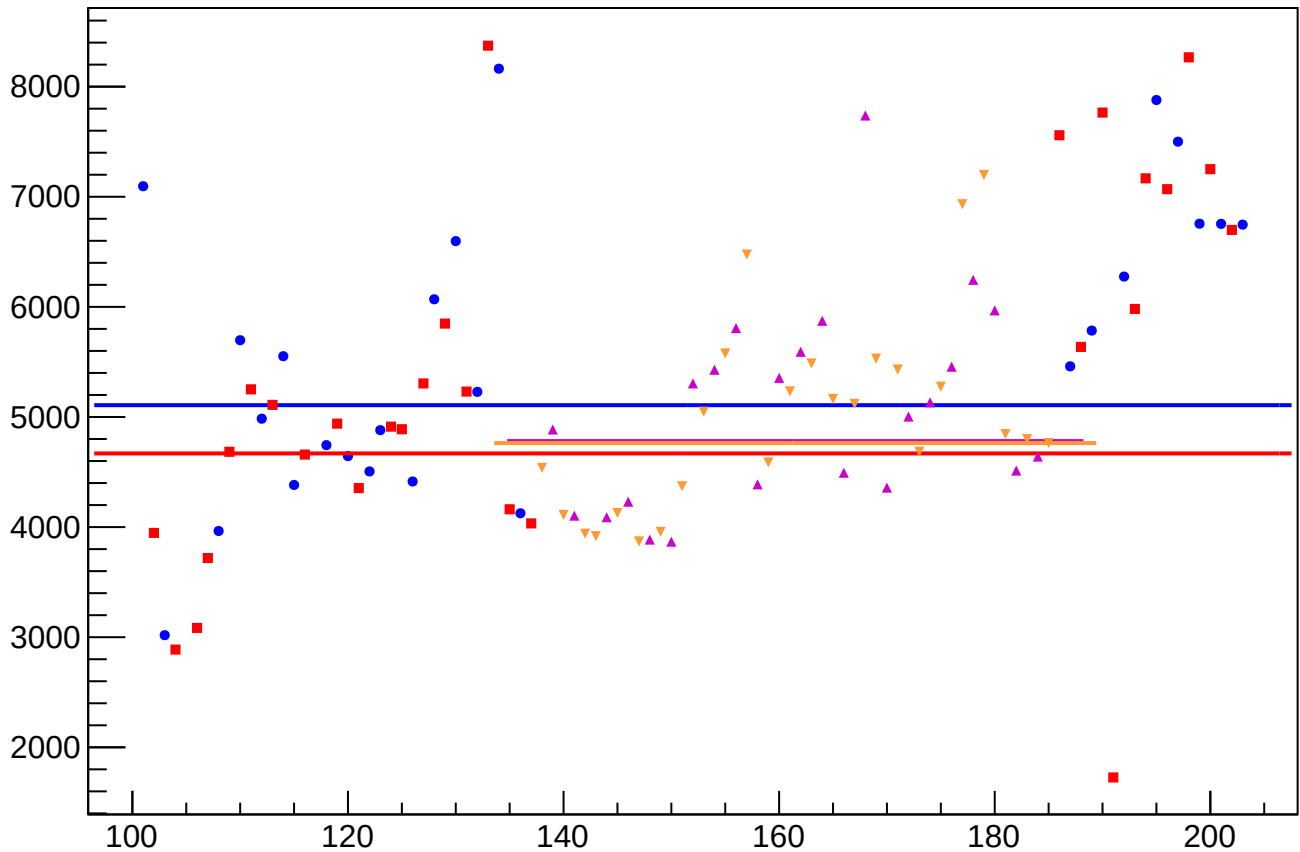
Left In: 131.428 ± 1157.282 χ^2/NDF : 14.9/22

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

All: 416.648 ± 634.298 χ^2/NDF : 96.6/100

- sign 682.019 ± 882.365 χ^2/NDF : 31.1/50

asym_atr_dd_rms vs Slug



Right In: 5107.236 $\pm$ 1.091 χ^2 /NDF: 1682280.3/24

Left Out: 4763.190 $\pm$ 0.800 χ^2 /NDF: 941856.9/24

Right Out: 4669.083 $\pm$ 0.961 χ^2 /NDF: 3125189.3/27

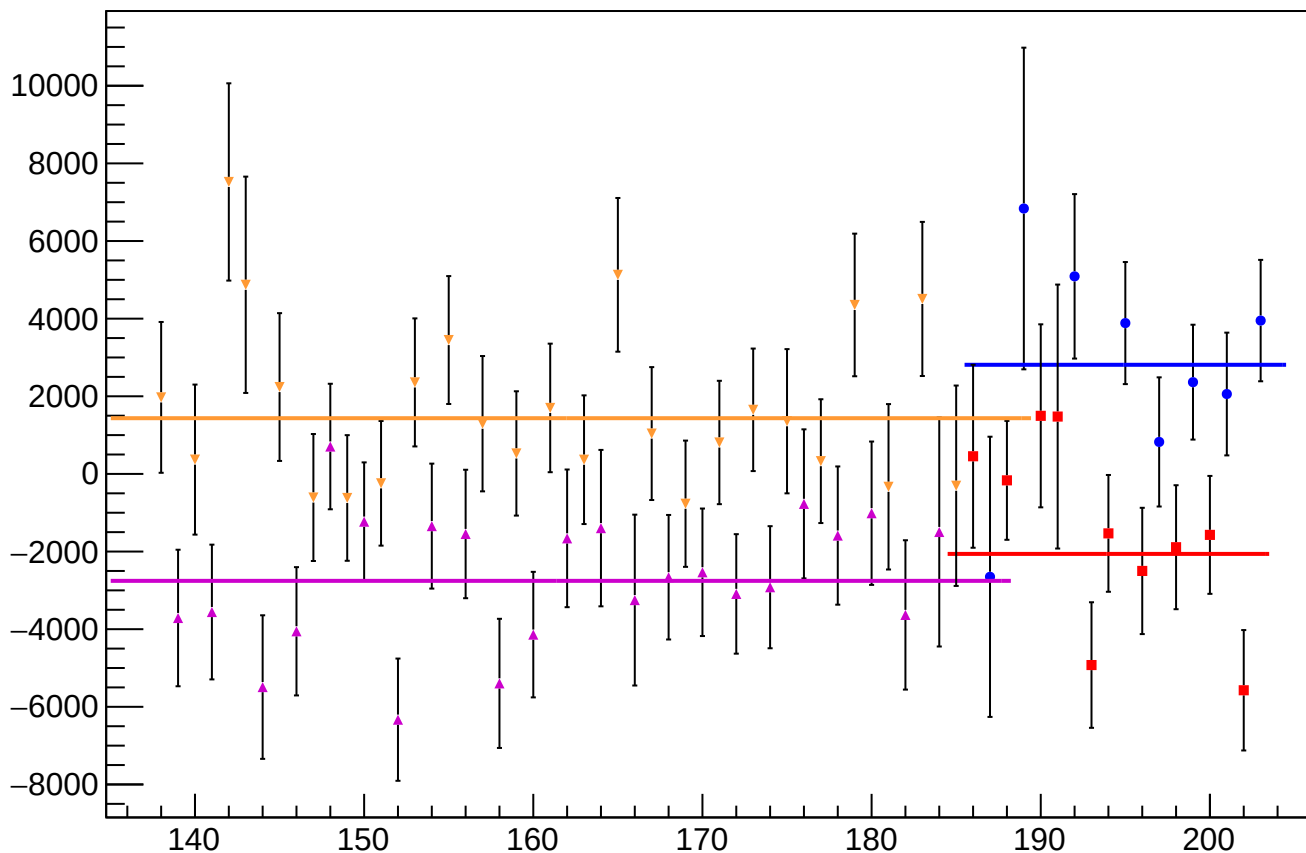
Left In: 4781.172 $\pm$ 0.818 χ^2 /NDF: 951542.2/22

+ sign 4883.548 $\pm$ 0.645 χ^2 /NDF: 2688810.3/49

All: 4806.177 $\pm$ 0.448 χ^2 /NDF: 6801216.5/10

- sign 4734.045 $\pm$ 0.623 χ^2 /NDF: 4084619.8/50

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: -2060.664 $\pm$ 549.154 χ^2 /NDF: 14.6/9

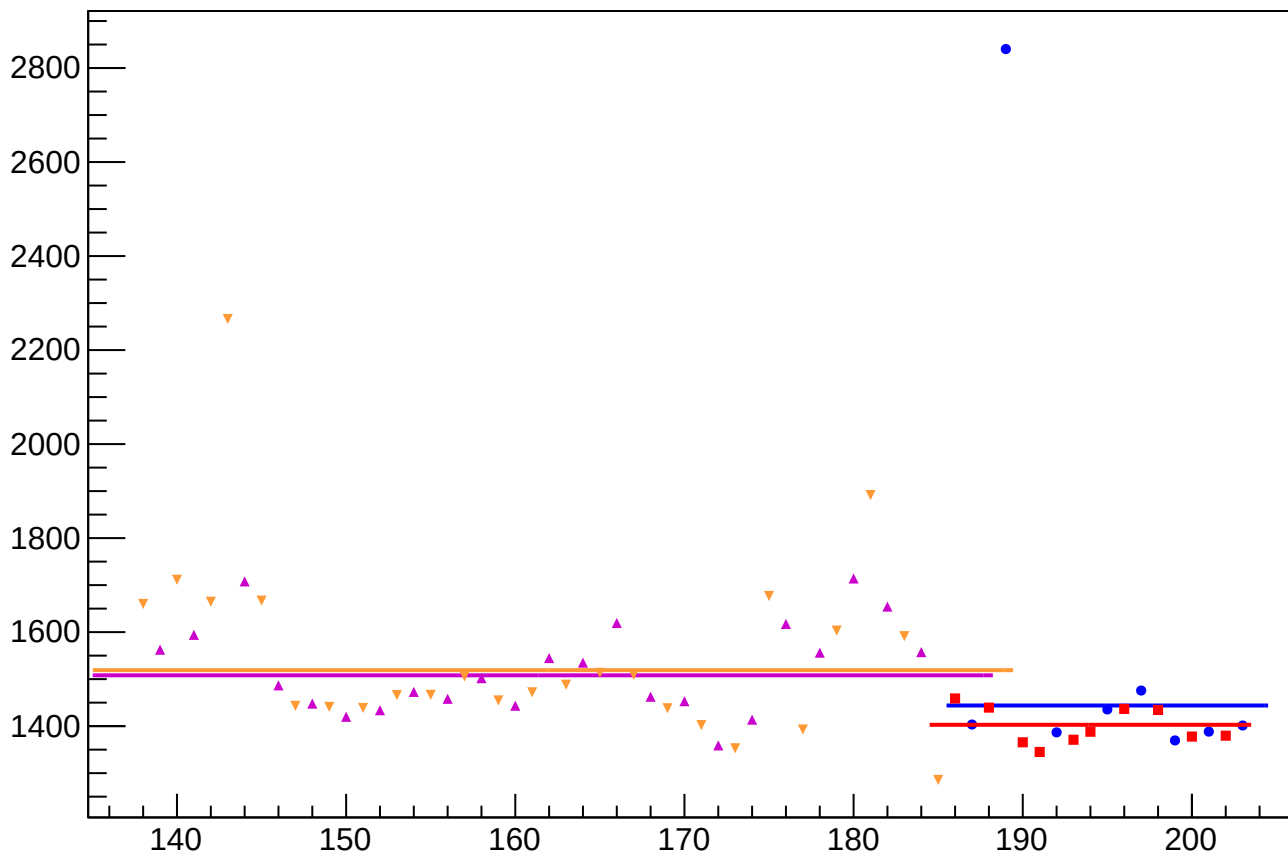
Left In: -2754.889 $\pm$ 361.672 χ^2 /NDF:22.4/22

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

All: -472.361 $\pm$ 217.470 χ^2 /NDF: 173.2/65

- sign -2544.866 $\pm$ 302.049 χ^2 /NDF: 38.1/32

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: 1402.857 $\pm$ 0.388 χ^2 /NDF: 6947.2/9

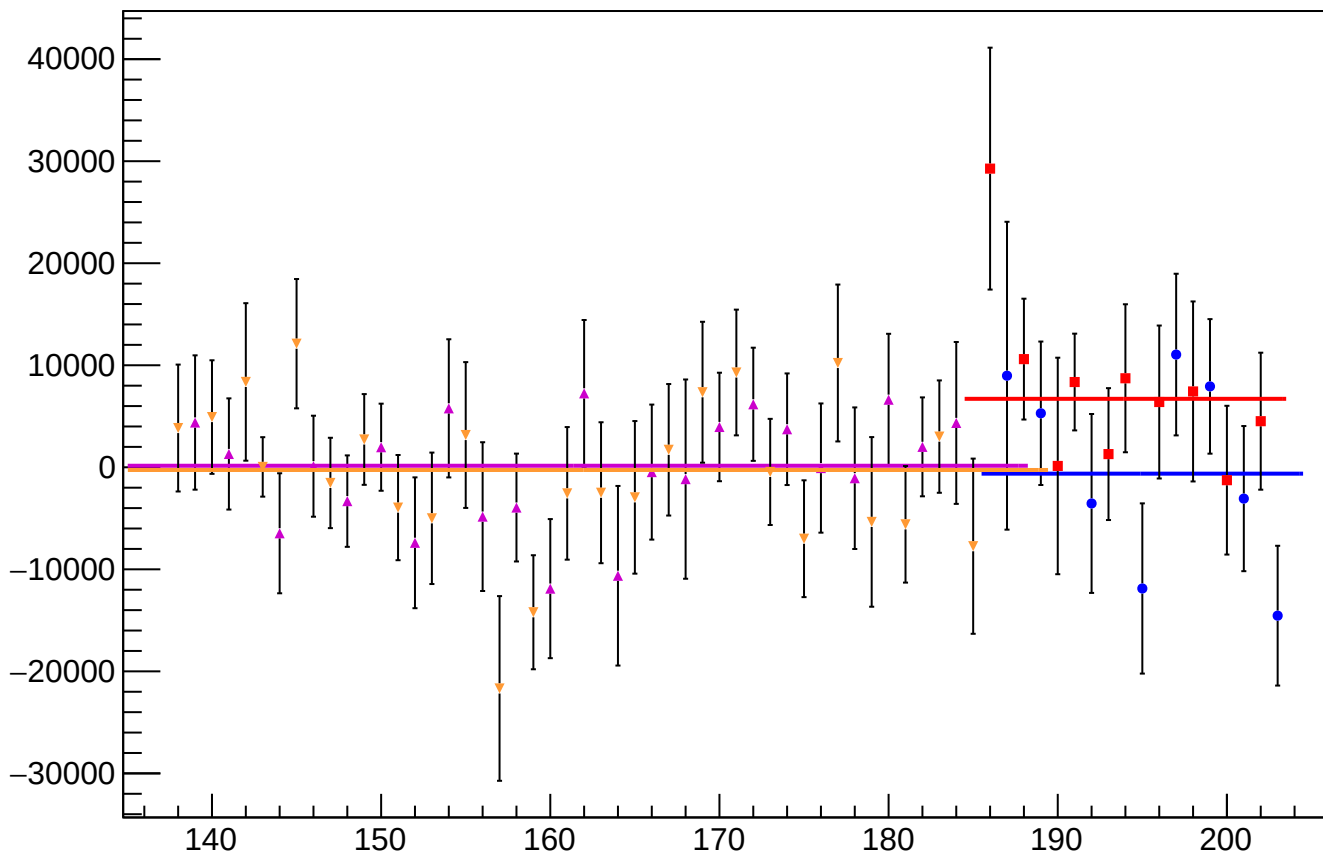
Left In: 1508.111 $\pm$ 0.256 χ^2 /NDF: 131488.7/22

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

All: 1488.401 $\pm$ 0.154 χ^2 /NDF: 821557.9/65

- sign 1476.269 $\pm$ 0.214 χ^2 /NDF: 189680.6/32

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: 6710.497 ± 2216.138 $\chi^2/\text{NDF}: 6.7/9$

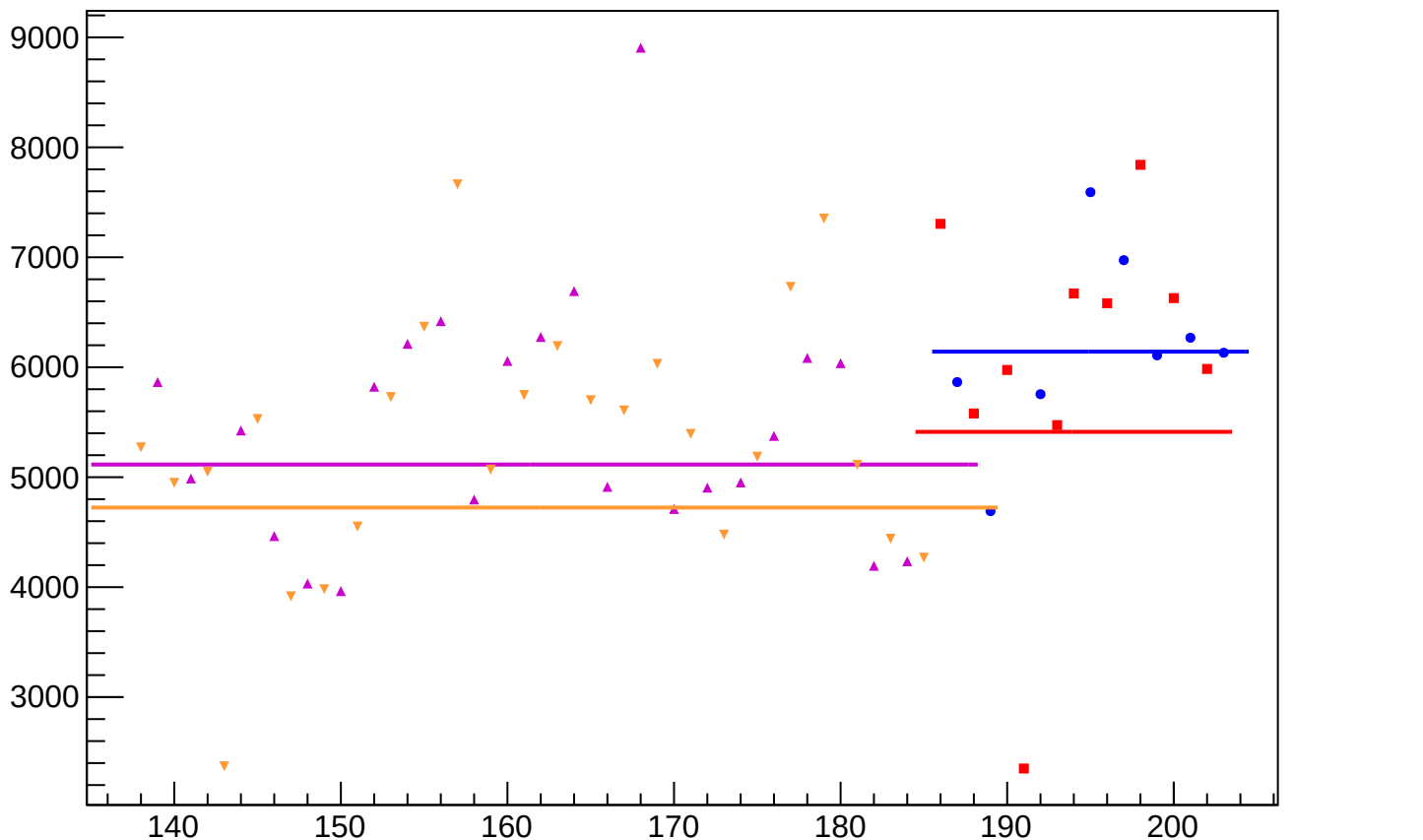
Left In: 151.239 ± 1241.800 $\chi^2/\text{NDF}: 14.9/22$

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

All: 680.135 ± 758.362 $\chi^2/\text{NDF}: 70.8/65$

- sign 1718.616 ± 1083.319 $\chi^2/\text{NDF}: 28.2/32$

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: 5412.341 ± 1.567 χ^2/NDF : 1223282.1/9

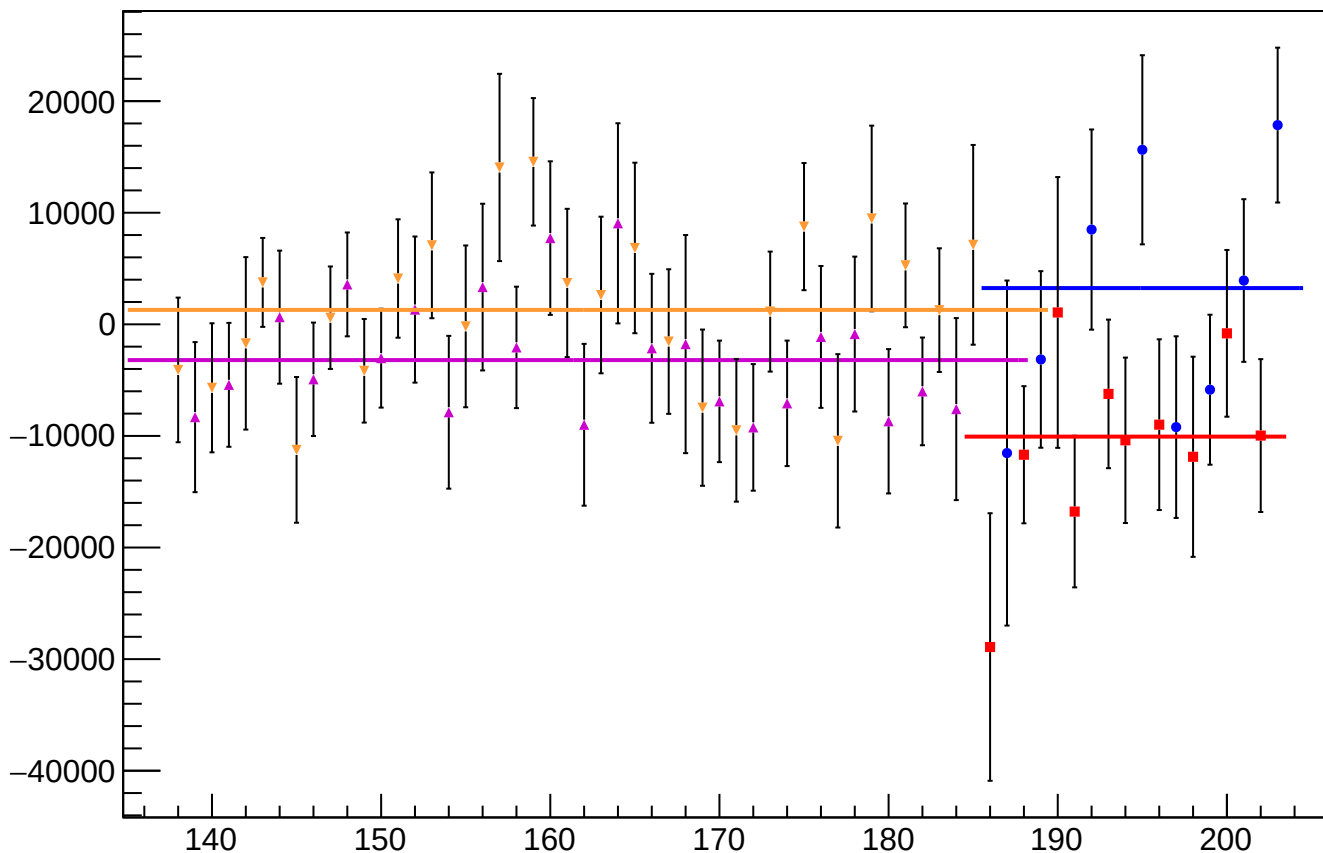
Left In: 5115.139 ± 0.878 χ^2/NDF : 1131347.2/22

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

All: 5058.146 ± 0.536 χ^2/NDF : 5598978.8/65

- sign 5186.158 ± 0.766 χ^2/NDF : 2382004.0/32

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: -10062.494 $\pm$ 2415.116 χ^2 /NDF: 6.3/9

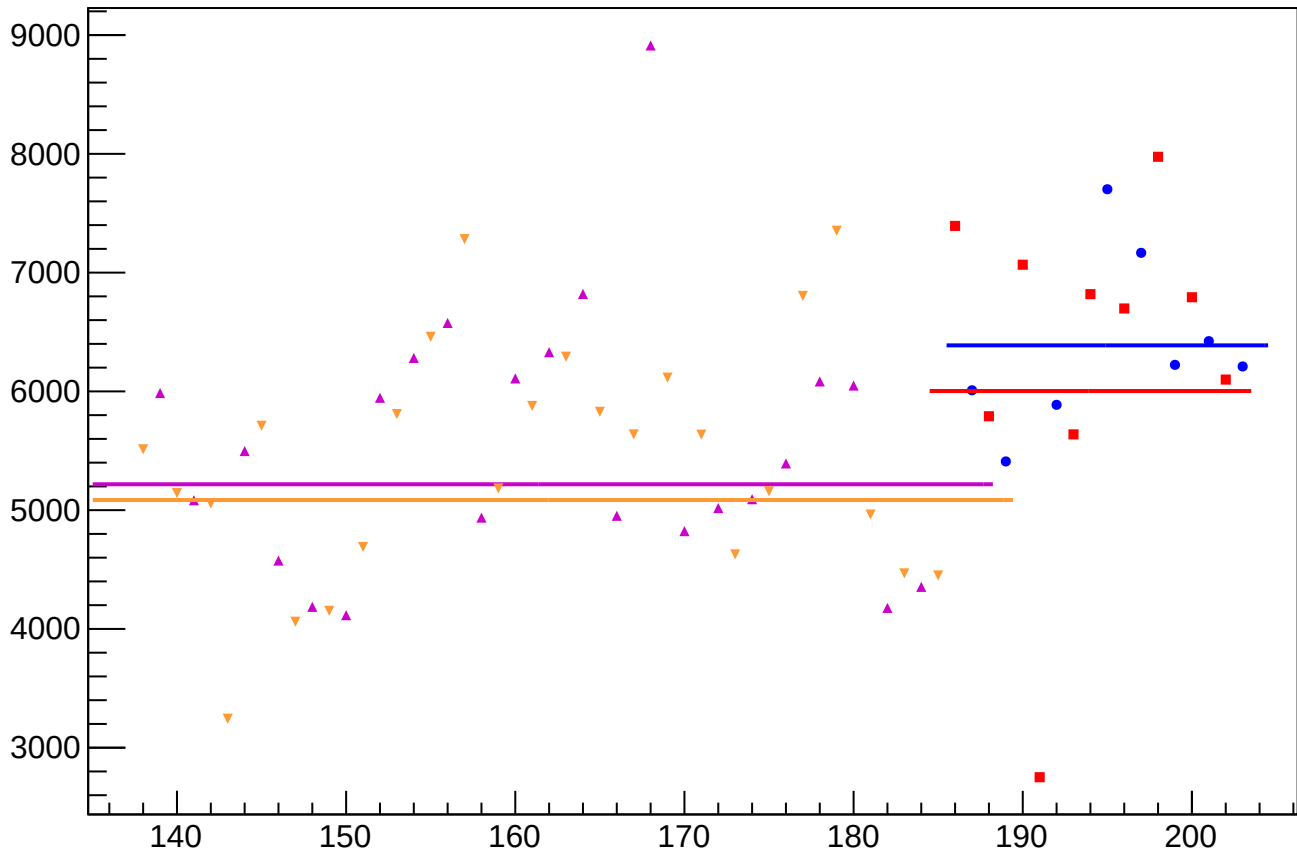
Left In: -3205.363 $\pm$ 1265.586 χ^2 /NDF: 13.9/22

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

All: -1536.227 $\pm$ 791.632 χ^2 /NDF: 83.1/65

- sign -4682.683 $\pm$ 1120.996 χ^2 /NDF: 26.5/32

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: 6003.180+/-1.708 χ^2/NDF : 669109.1/9

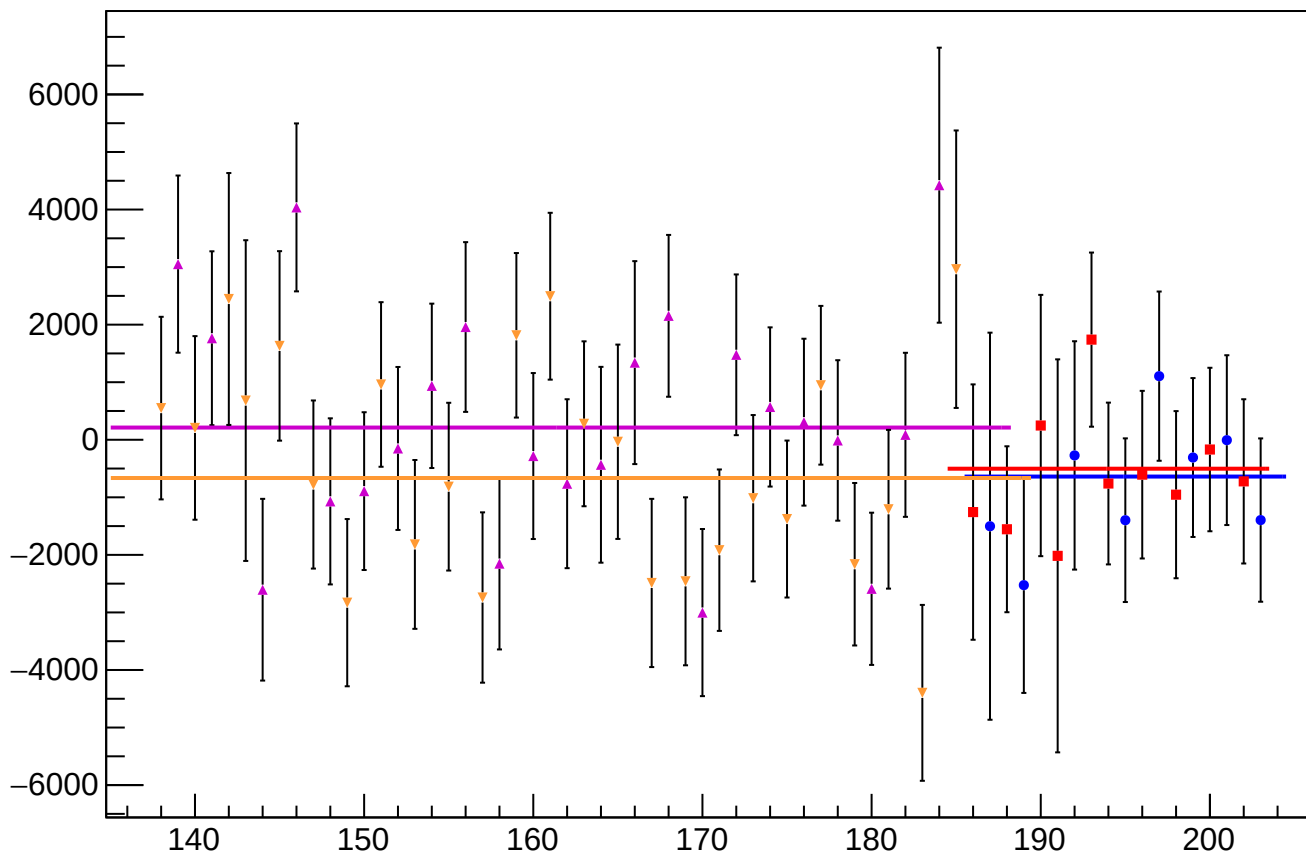
Left In: 5217.971+/-0.895 χ^2/NDF :1058996.1/22

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

All: 5336.511+/-0.560 χ^2/NDF : 3719650.3/65

- sign 5387.139+/-0.793 χ^2/NDF : 1893968.4/32

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: -502.809 ± 510.295 χ^2/NDF : 3.4/9

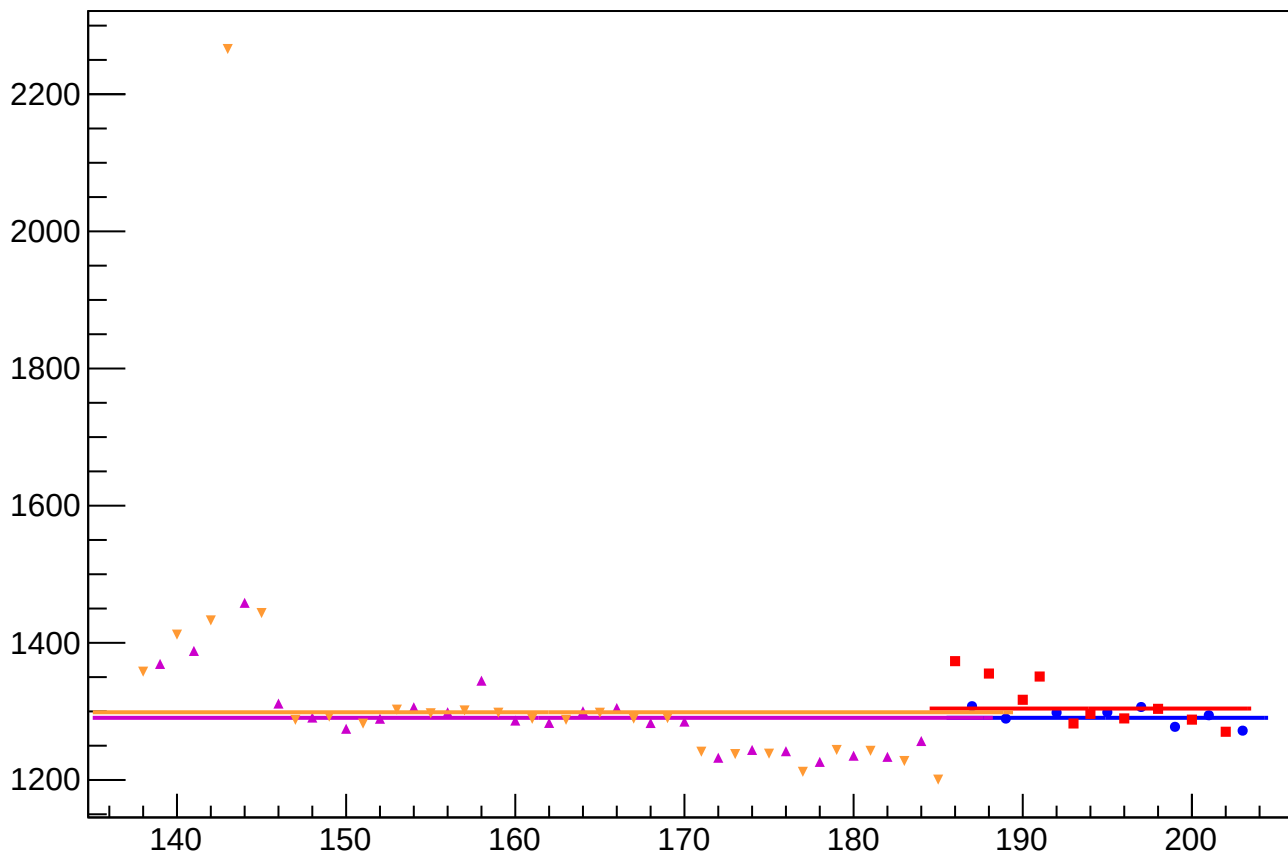
Left In: 212.071 ± 308.597 χ^2/NDF : 36.6/22

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

All: -312.635 ± 188.484 χ^2/NDF : 82.6/65

- sign 20.639 ± 264.066 χ^2/NDF : 41.4/32

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1290.645 $\pm$ 0.404 χ^2 /NDF: 918.6/7

Left Out: 1298.743 $\pm$ 0.216 χ^2 /NDF: 310344.8/24

Right Out: 1304.176 $\pm$ 0.361 χ^2 /NDF: 6938.5/9

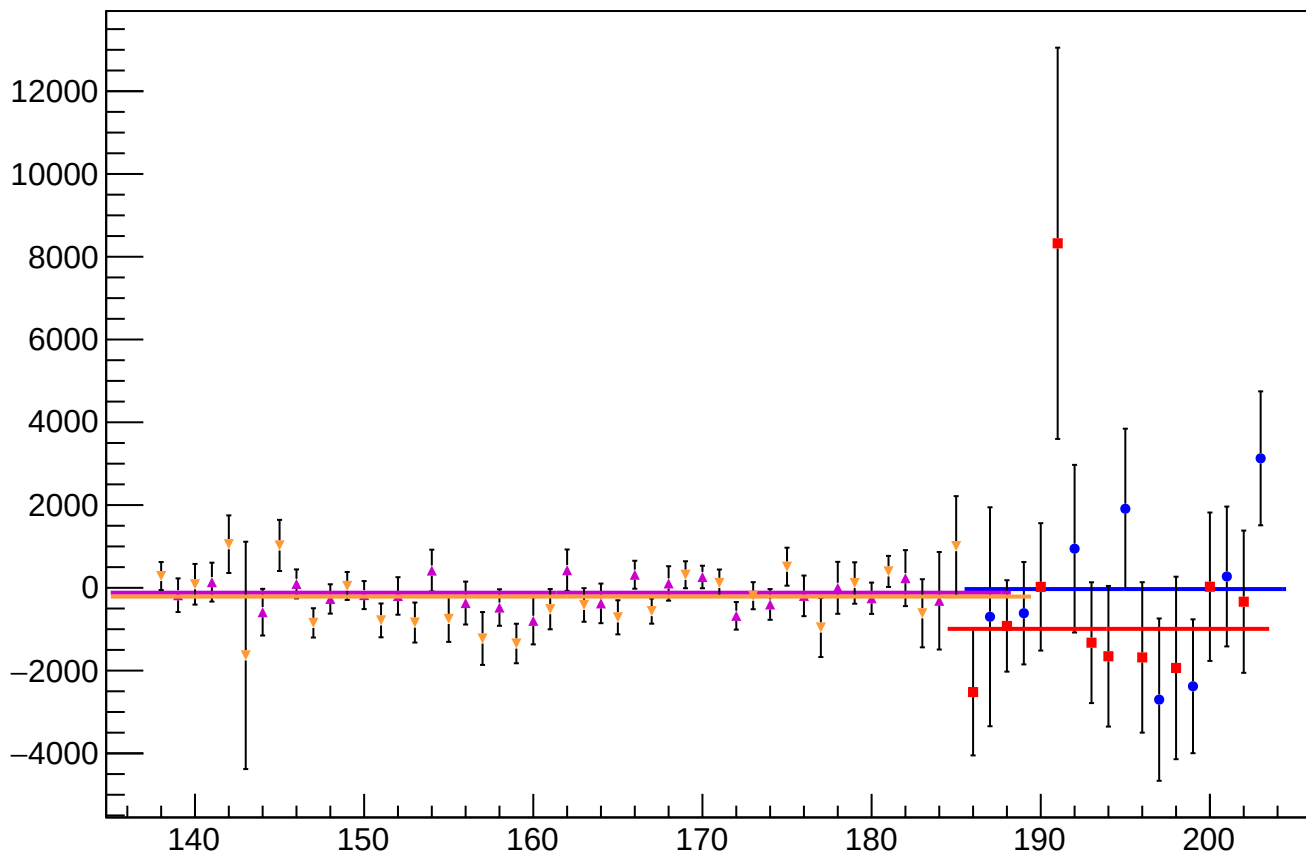
Left In: 1290.644 $\pm$ 0.218 χ^2 /NDF: 59427.8/22

+ sign 1296.945 $\pm$ 0.190 χ^2 /NDF: 311576.2/32

All: 1295.581 $\pm$ 0.133 χ^2 /NDF: 379073.0/65

- sign 1294.268 $\pm$ 0.187 χ^2 /NDF: 67395.9/32

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: -991.285 $\pm$ 520.766 χ^2/NDF : 6.3/9

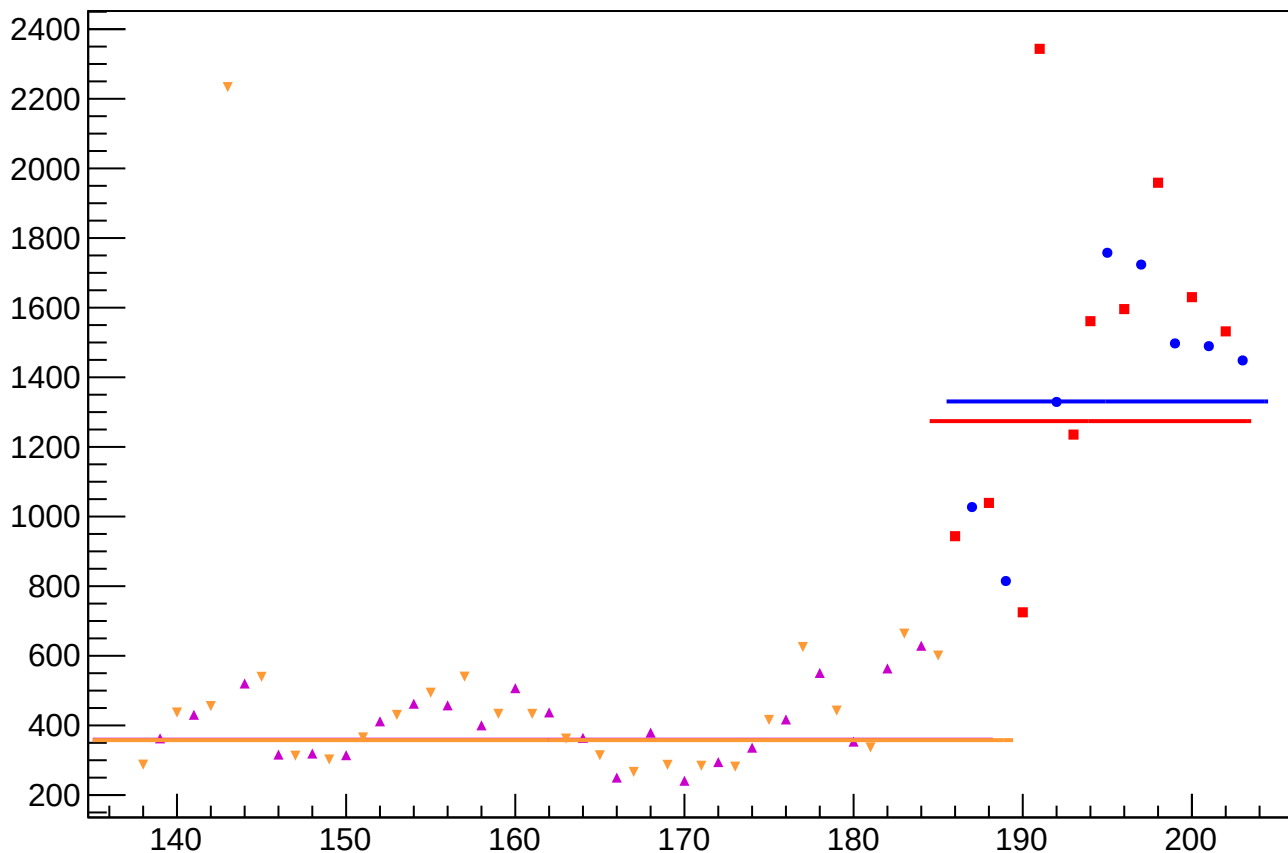
Left In: -117.113 $\pm$ 88.214 χ^2/NDF : 14.3/22

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

All: -174.812 $\pm$ 61.432 χ^2/NDF : 74.8/65

- sign -141.497 $\pm$ 86.975 χ^2/NDF : 23.4/32

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: 1274.116 $\pm$ 0.368 χ^2 /NDF: 978823.5/9

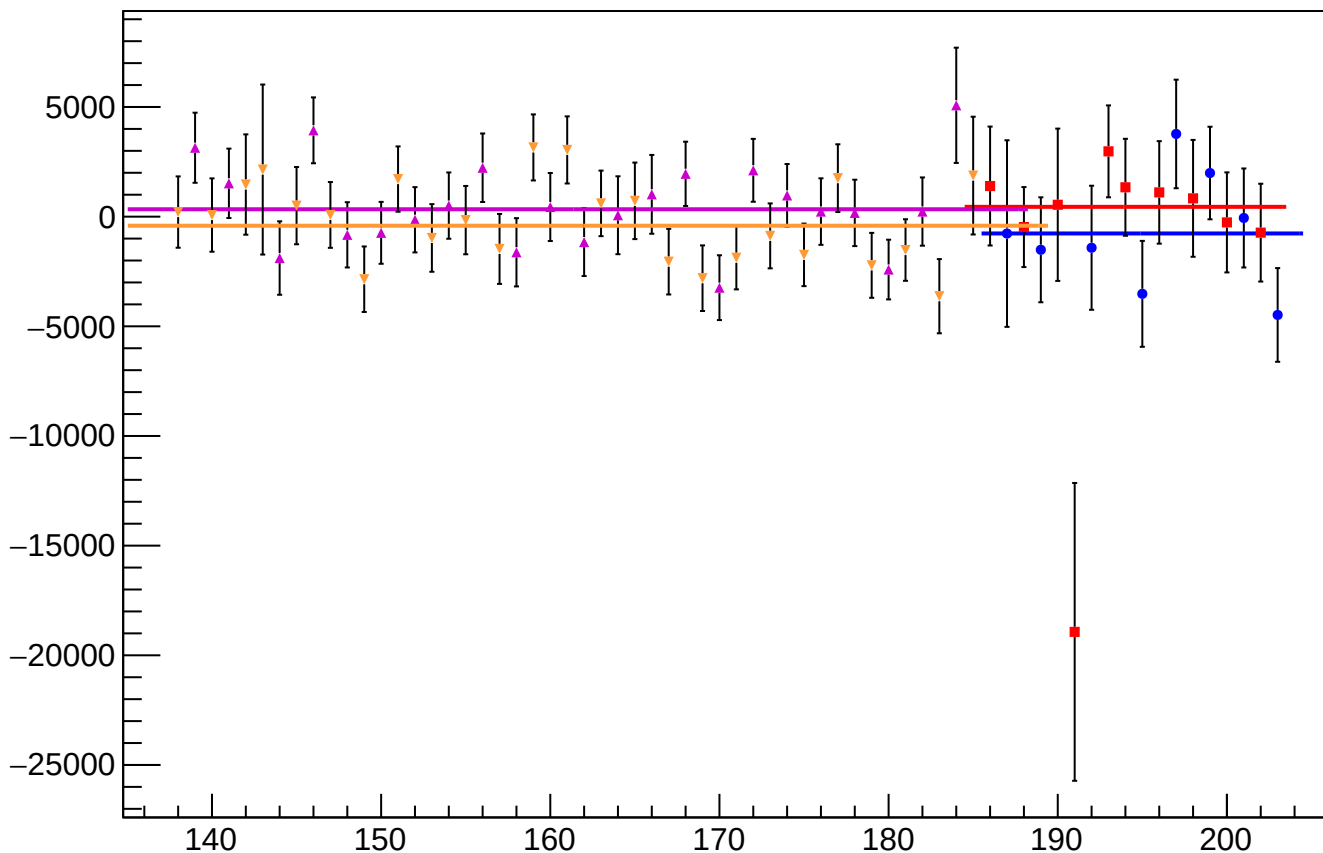
Left In: 359.000 $\pm$ 0.062 χ^2 /NDF: 1858849.9/22

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

All: 380.954 $\pm$ 0.043 χ^2 /NDF: 17465453.8/65

- sign 384.526 $\pm$ 0.062 χ^2 /NDF: 8841253.7/32

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: 447.600 ± 768.946 χ^2/NDF : 10.6/9

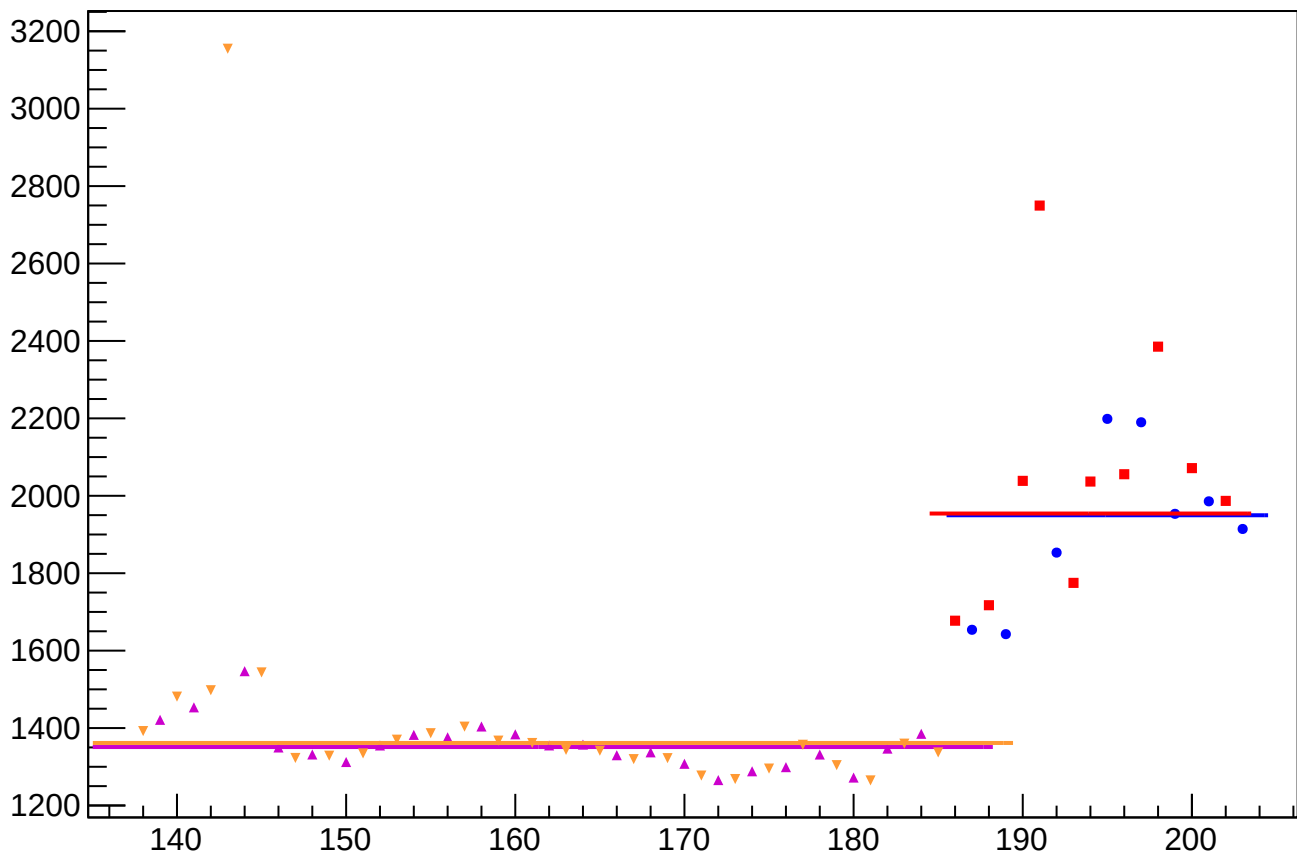
Left In: 337.193 ± 323.023 χ^2/NDF : 32.8/22

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

All: -47.053 ± 211.624 χ^2/NDF : 89.7/65

- sign 353.754 ± 297.812 χ^2/NDF : 43.4/32

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: 1954.169+/-0.544 χ^2/NDF : 162500.5/9

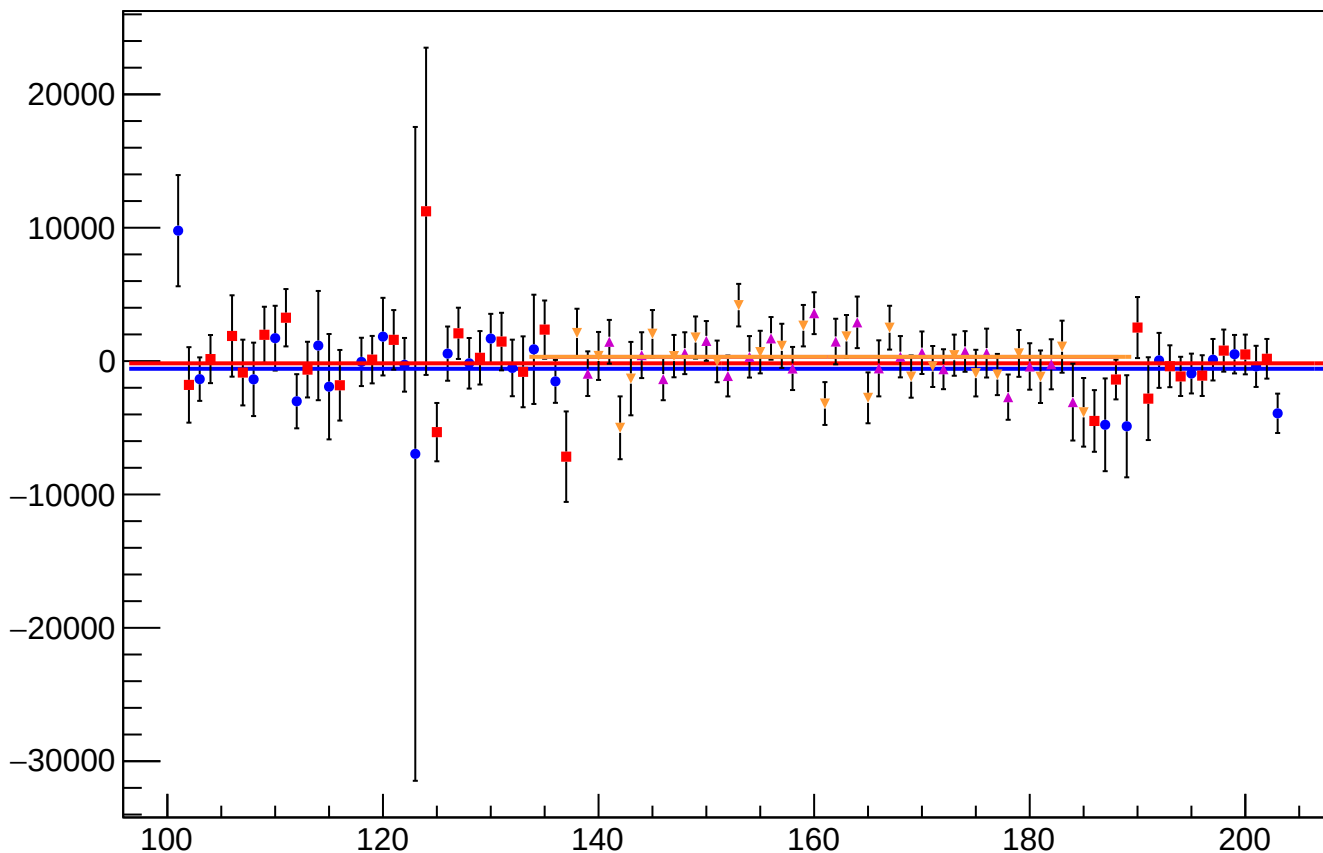
Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

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

All: 1436.923+/-0.150 χ^2/NDF : 2681853.6/65

- sign 1441.487+/-0.211 χ^2/NDF : 1277443.0/32

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: -167.662 ± 379.125 χ^2/NDF : 27.3/27

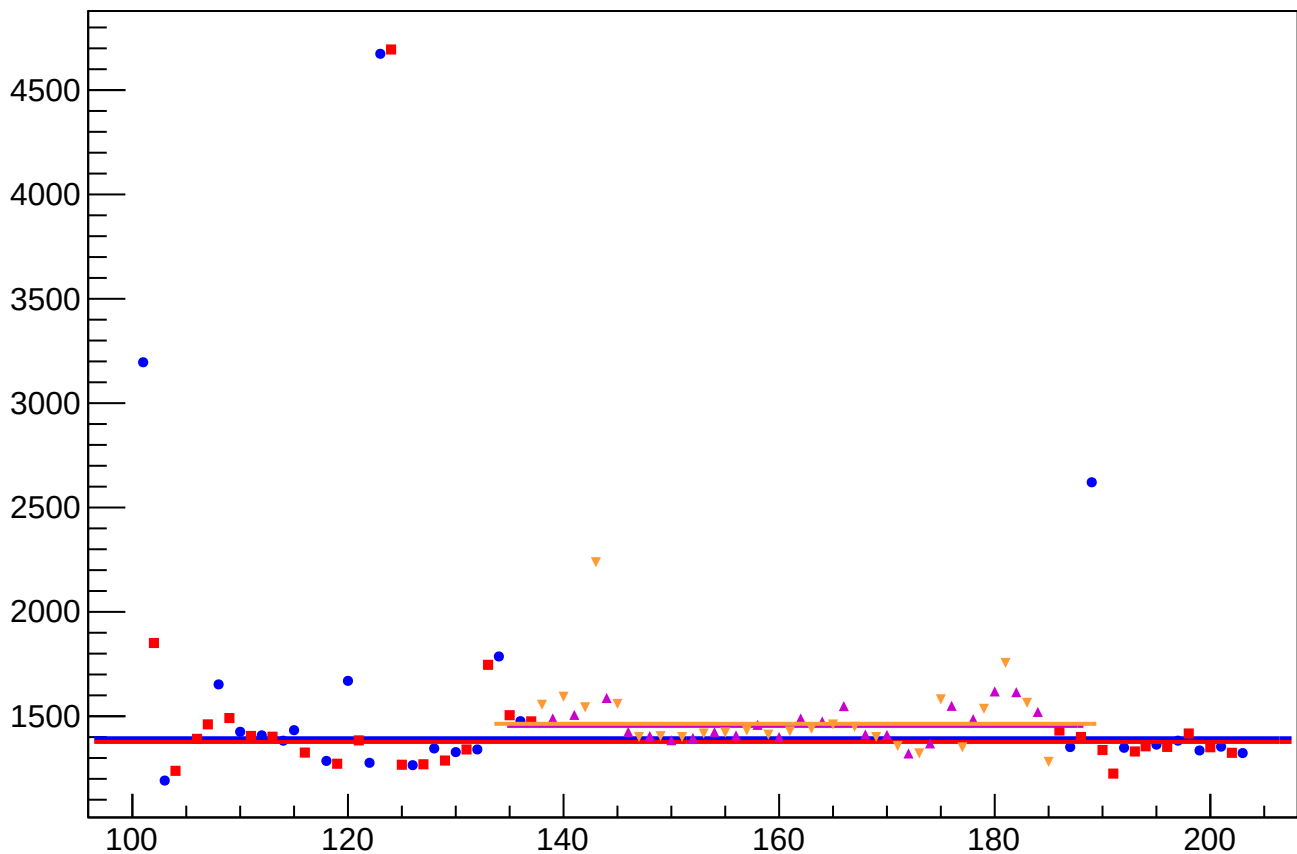
Left In: 310.833 ± 348.292 χ^2/NDF : 16.8/22

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

All: 24.301 ± 184.186 χ^2/NDF : 101.4/100

- sign 91.831 ± 256.488 χ^2/NDF : 45.0/50

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1394.507 $\pm$ 0.292 χ^2 /NDF: 743508.7/24

Left Out: 1463.714 $\pm$ 0.244 χ^2 /NDF: 310491.4/24

Right Out: 1376.859 $\pm$ 0.268 χ^2 /NDF: 307603.5/27

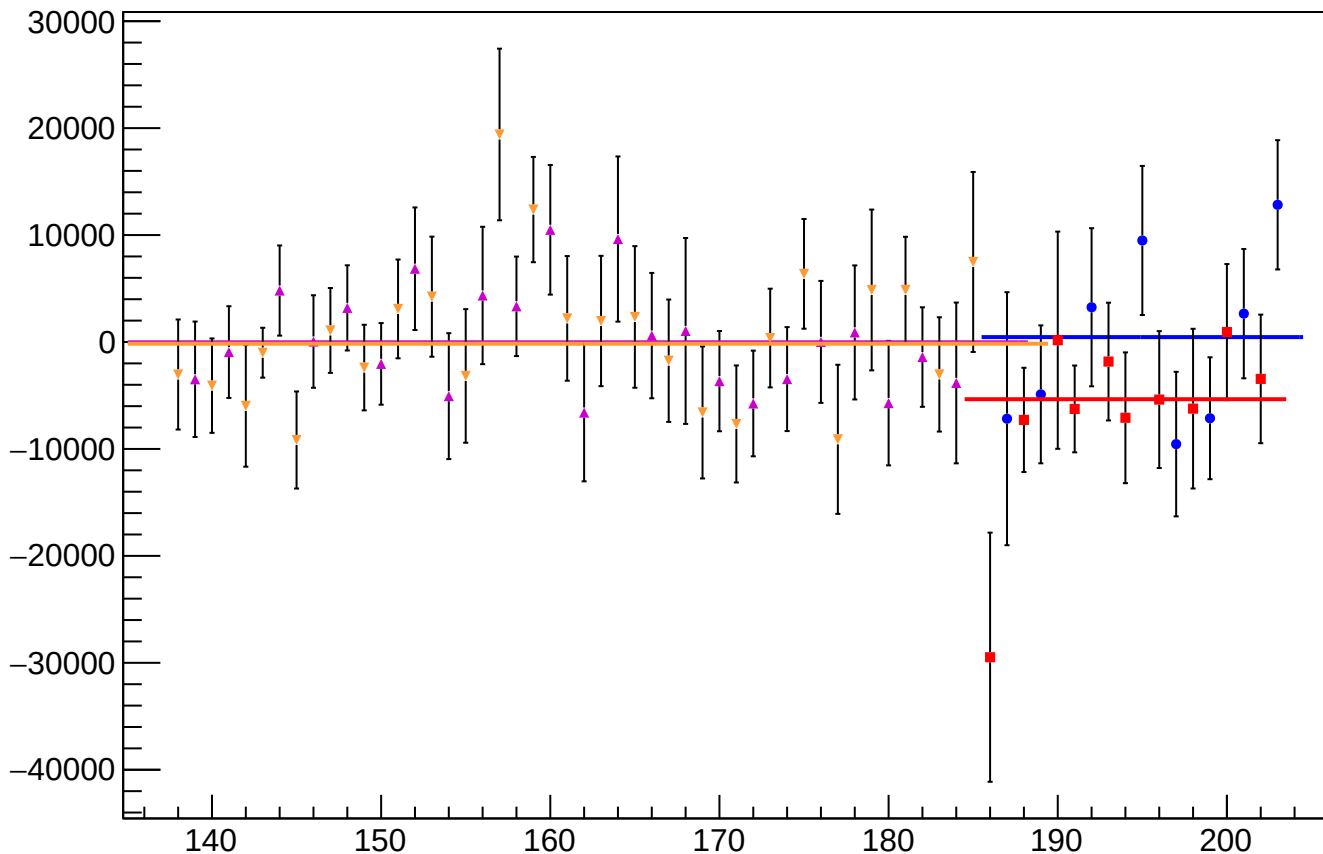
Left In: 1453.763 $\pm$ 0.246 χ^2 /NDF: 99224.2/22

+ sign 1435.319 $\pm$ 0.187 χ^2 /NDF: 1087088.9/49

All: 1426.672 $\pm$ 0.130 χ^2 /NDF: 1542698.1/100

- sign 1418.554 $\pm$ 0.181 χ^2 /NDF: 451470.1/50

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: 457.627 $\pm$ 2373.776 χ^2/NDF : 11.2/7

Left Out: -160.118 $\pm$ 989.347 χ^2/NDF : 29.7/24

Right Out: -5350.249 $\pm$ 1909.188 χ^2/NDF : 6.4/9

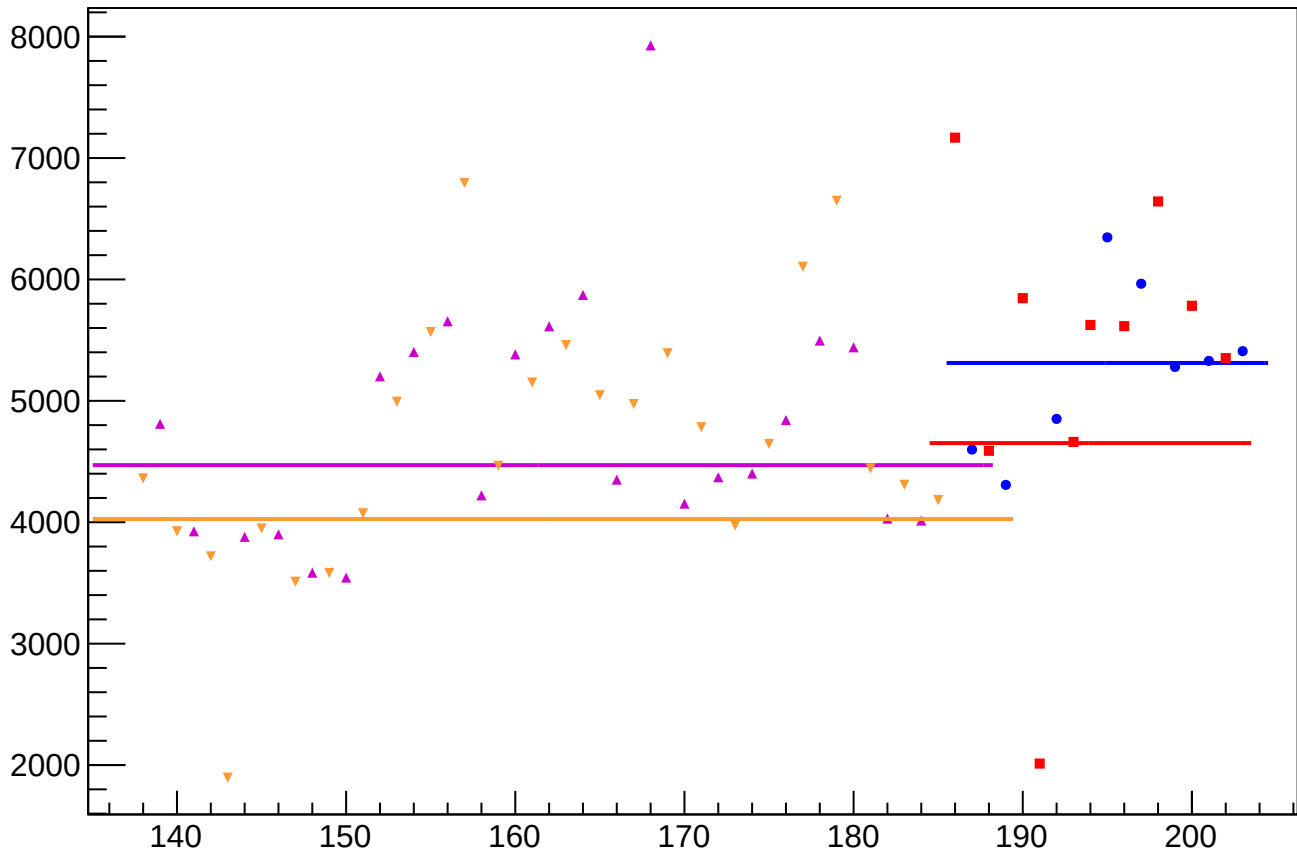
Left In: -26.926 $\pm$ 1085.415 χ^2/NDF : 15.3/22

+ sign -68.693 $\pm$ 913.206 χ^2/NDF : 41.0/32

All: -677.378 $\pm$ 656.211 χ^2/NDF : 69.4/65

- sign -1327.232 $\pm$ 943.583 χ^2/NDF : 27.5/32

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: 4652.154+/-1.350 χ^2/NDF : 1295821.9/9

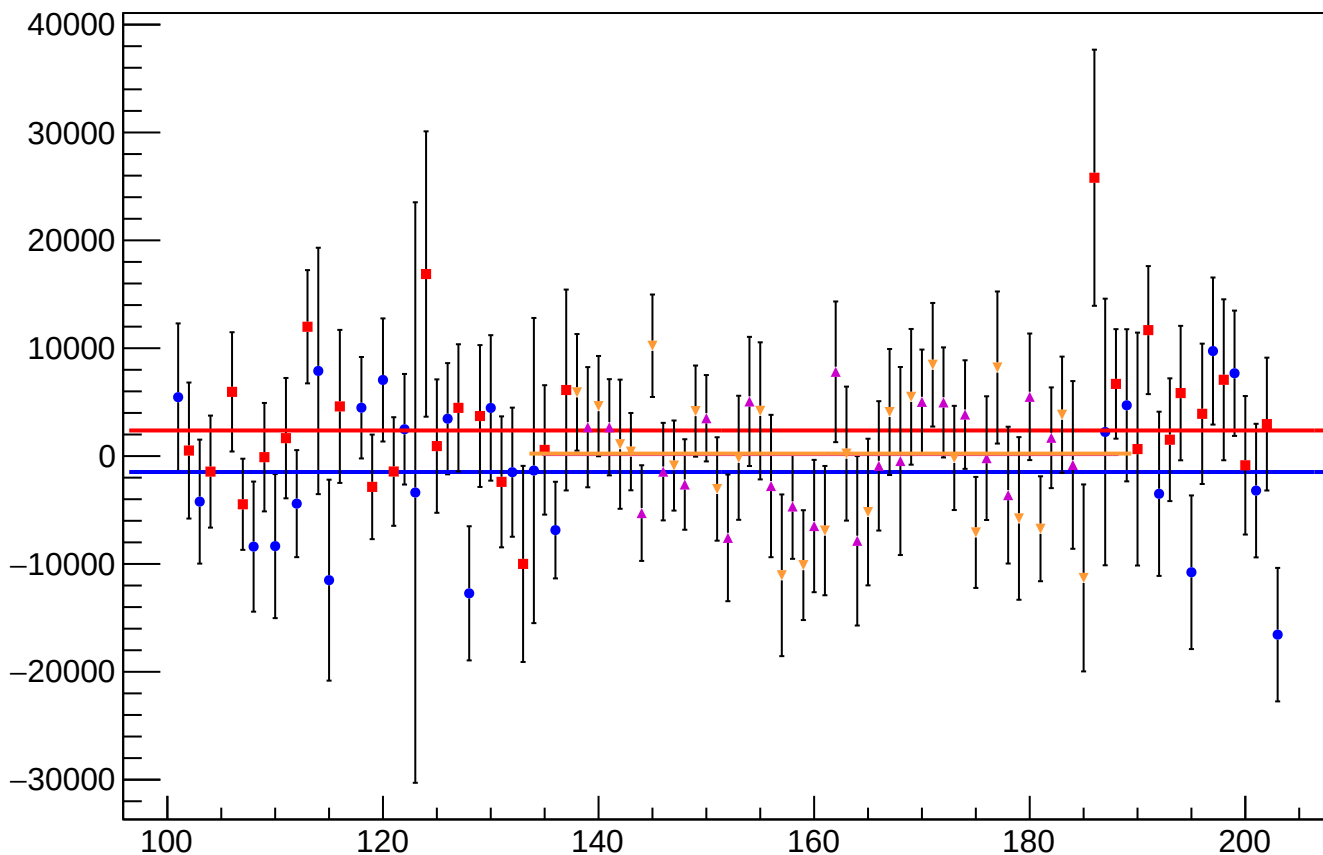
Left In: 4470.490+/-0.768 χ^2/NDF : 1132495.2/22

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

All: 4360.918+/-0.464 χ^2/NDF : 6243063.2/65

- sign 4514.864+/-0.667 χ^2/NDF : 2442001.9/32

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: 2374.285 ± 1150.947 χ^2/NDF : 21.4/27

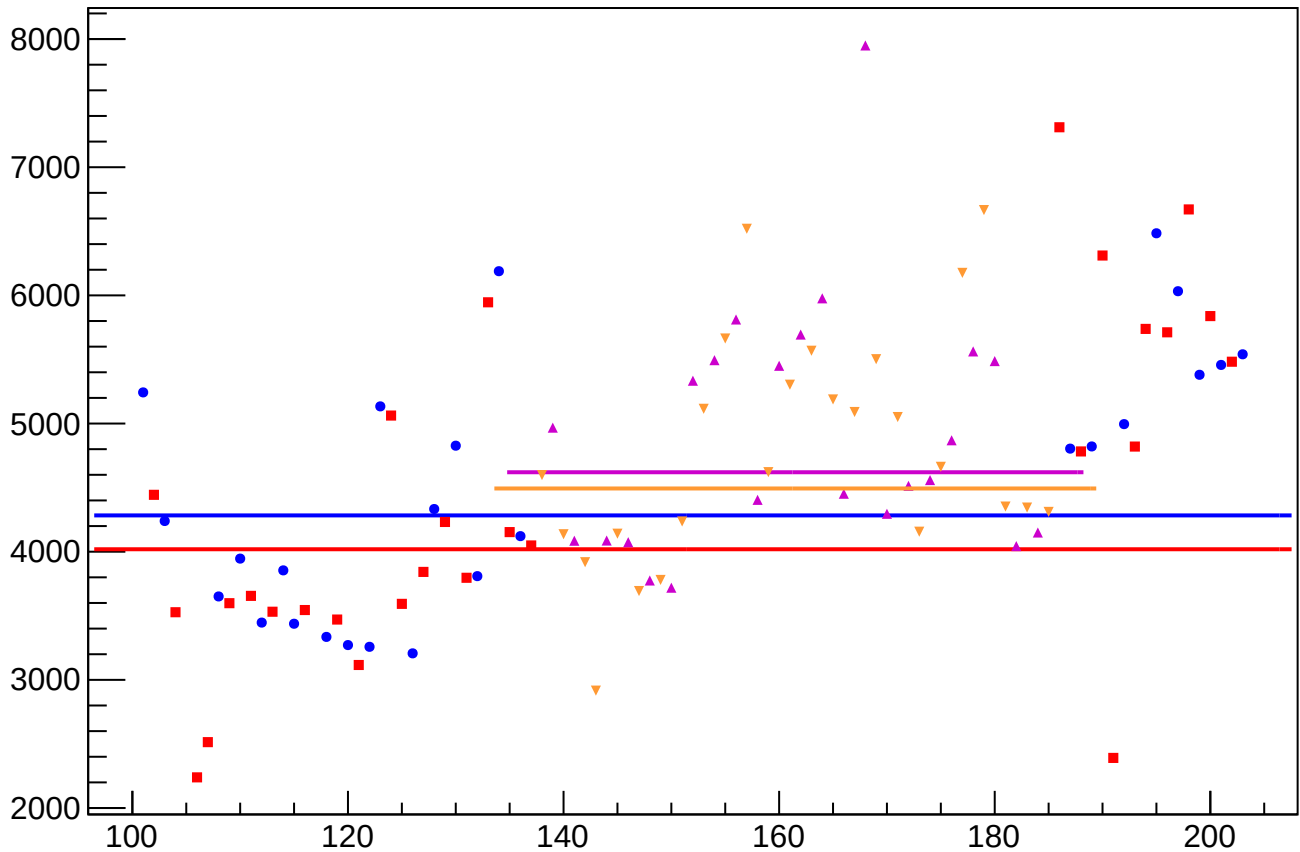
Left In: 185.280 ± 1119.296 χ^2/NDF : 14.3/22

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

All: 407.532 ± 574.225 χ^2/NDF : 99.5/100

- sign 1249.270 ± 802.418 χ^2/NDF : 37.5/50

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 4283.207 $\pm$ 0.904 χ^2 /NDF: 1101807.7/24

Left Out: 4493.314 $\pm$ 0.759 χ^2 /NDF:1309134.5/24

Right Out: 4019.099 $\pm$ 0.809 χ^2 /NDF: 2100576.7/27

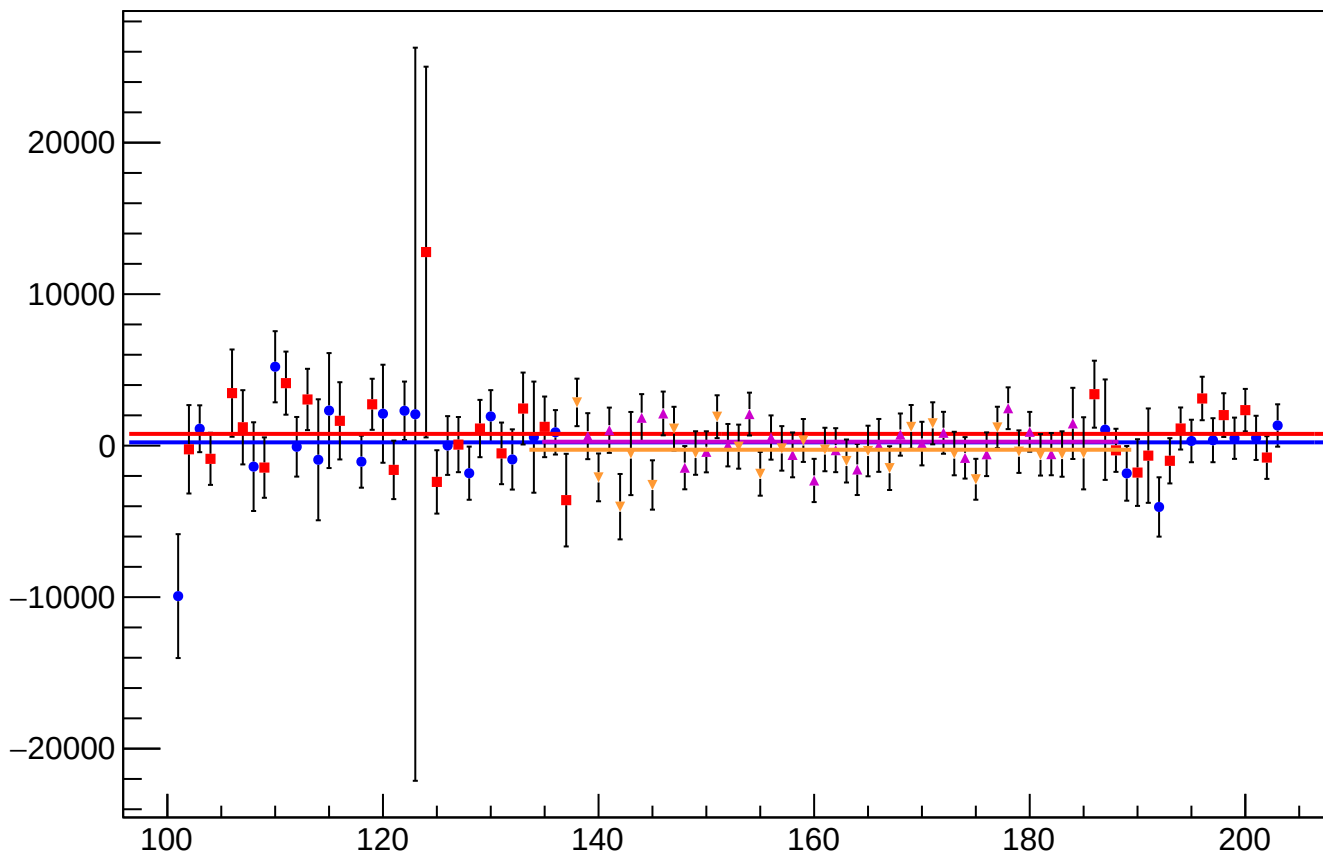
Left In: 4619.952 $\pm$ 0.791 χ^2 /NDF:1001966.3/22

+ sign 4406.417 $\pm$ 0.581 χ^2 /NDF: 2442626.6/49

All: 4365.103 $\pm$ 0.405 χ^2 /NDF: 5836975.6/10

- sign 4325.986 $\pm$ 0.566 χ^2 /NDF: 3384515.0/50

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: 776.134 $\pm$ 358.270 χ^2 /NDF: 27.3/27

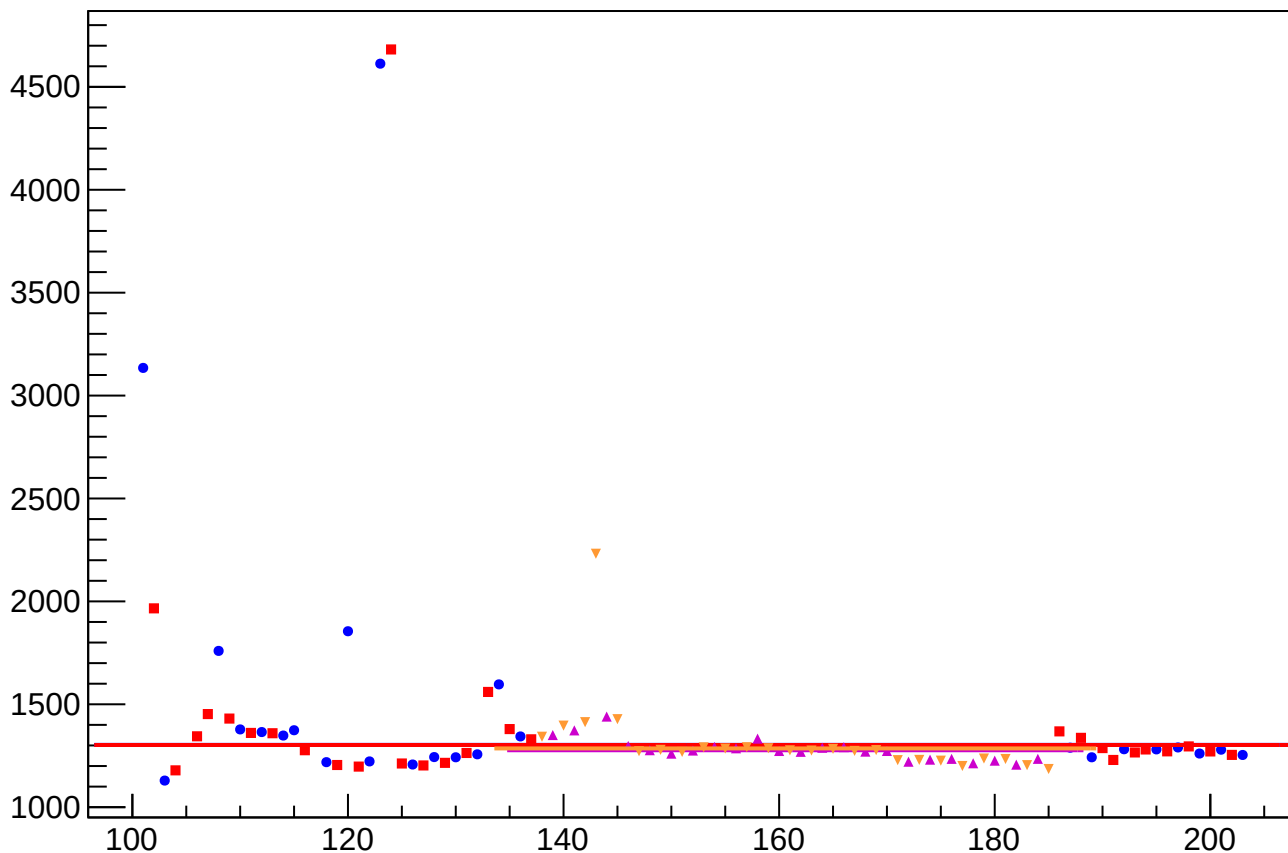
Left In: 258.285 $\pm$ 305.289 χ^2 /NDF:16.0/22

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

All: 202.032 $\pm$ 166.132 χ^2 /NDF: 94.1/100

- sign 476.125 $\pm$ 232.369 χ^2 /NDF: 44.6/50

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: 1302.265 $\pm$ 0.253 χ^2 /NDF: 350073.8/27

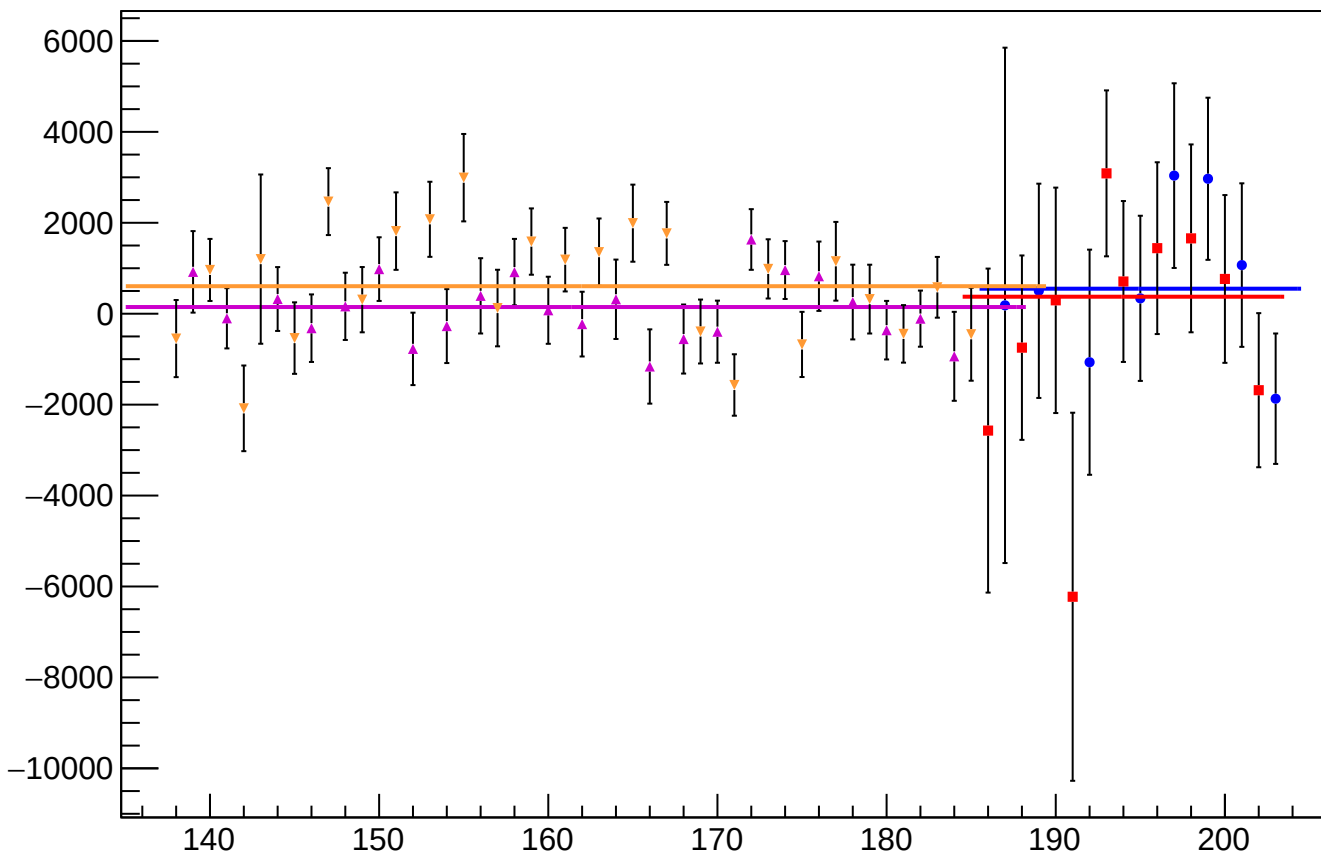
Left In: 1276.755 $\pm$ 0.216 χ^2 /NDF: 59434.2/22

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

All: 1289.749 $\pm$ 0.117 χ^2 /NDF: 1341450.9/100

- sign 1287.486 $\pm$ 0.164 χ^2 /NDF: 415382.3/50

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 550.291 $\pm$ 701.976 χ^2/NDF : 6.7/7

Left Out: 605.167 $\pm$ 153.922 χ^2/NDF : 60.0/24

Right Out: 373.984 $\pm$ 656.356 χ^2/NDF : 8.1/9

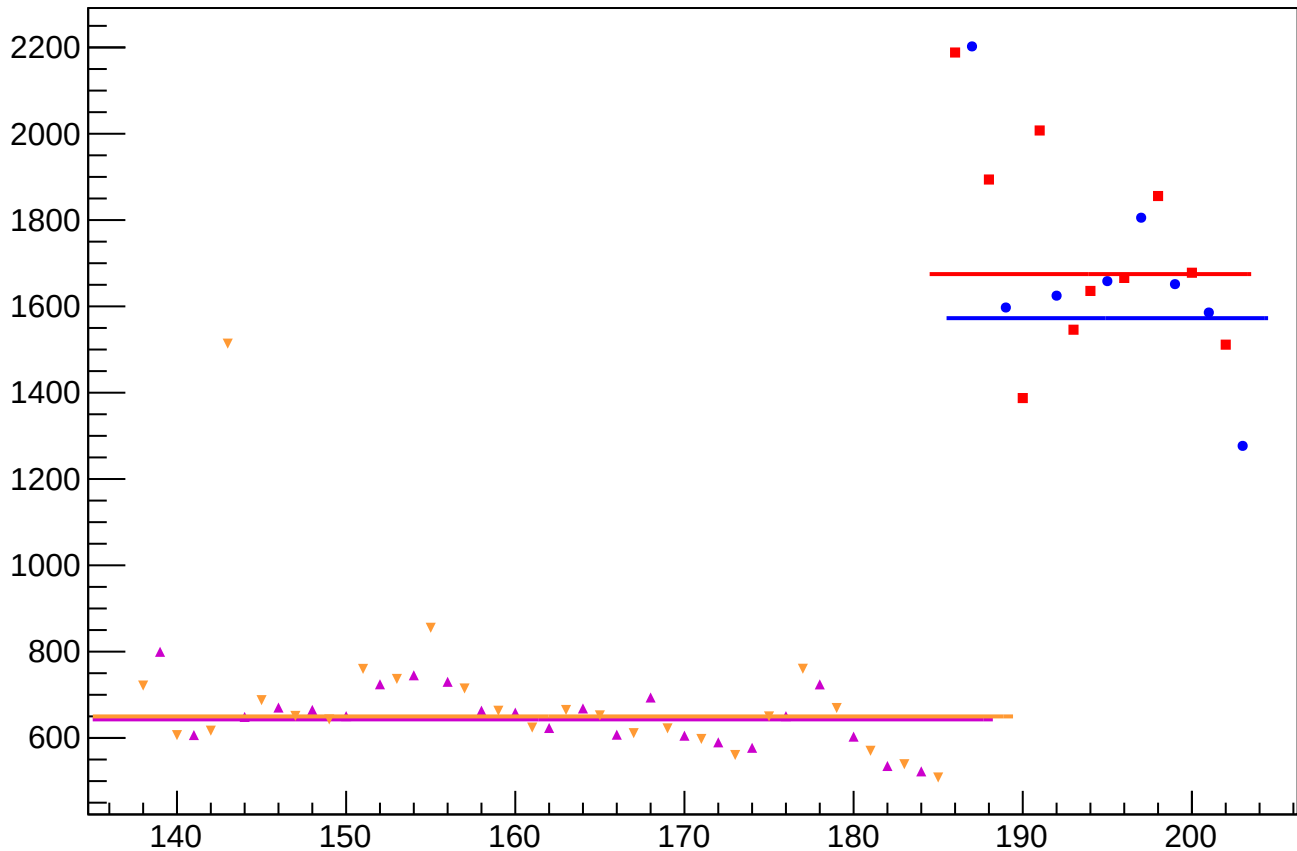
Left In: 147.044 $\pm$ 154.051 χ^2/NDF : 19.4/22

+ sign 602.649 $\pm$ 150.350 χ^2/NDF : 66.7/32

All: 380.218 $\pm$ 106.181 χ^2/NDF : 98.6/65

- sign 158.893 $\pm$ 149.976 χ^2/NDF : 27.6/32

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1572.701+/-0.496 χ^2/NDF : 145642.7/7

Left Out: 649.866+/-0.109 χ^2/NDF : 840823.5/24

Right Out: 1674.816+/-0.464 χ^2/NDF : 150167.6/9

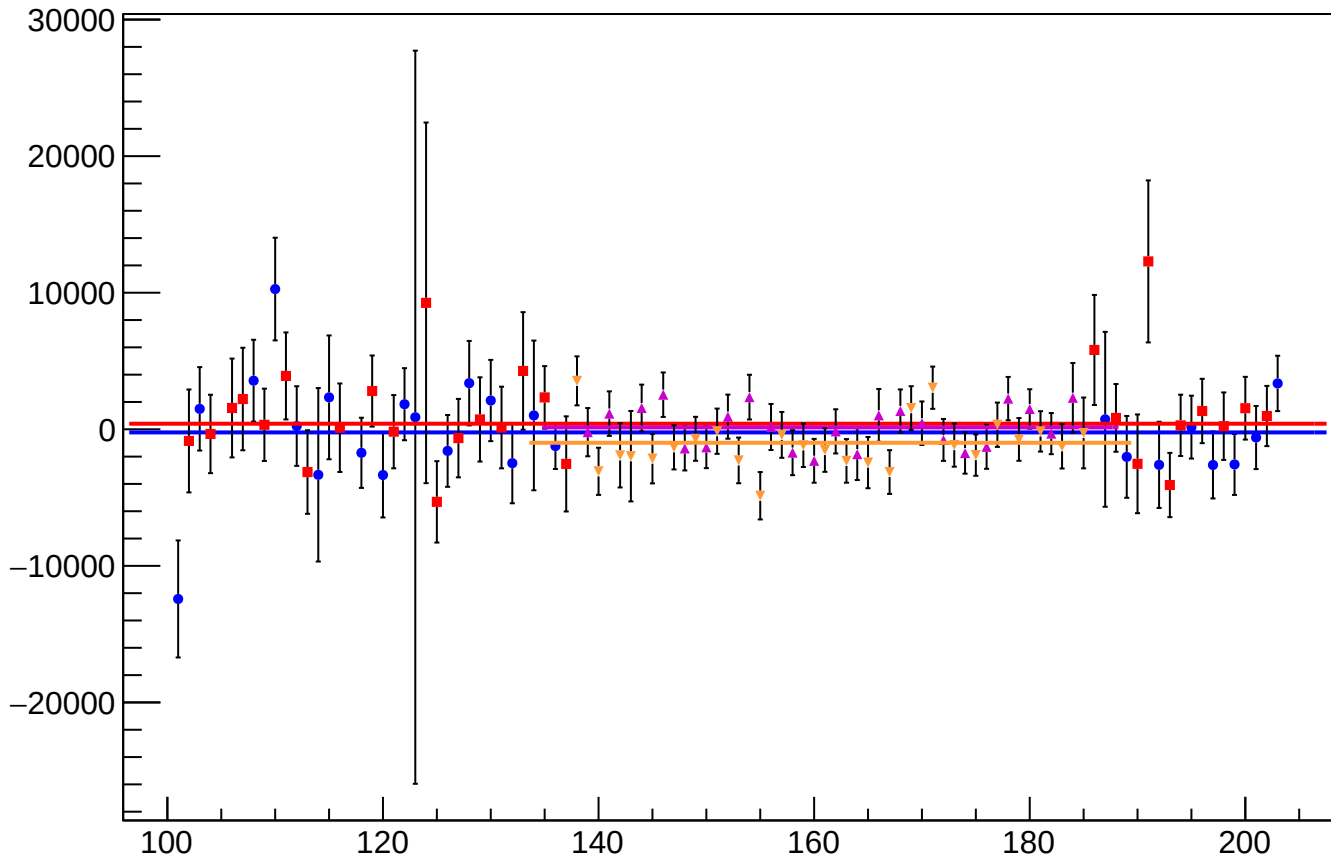
Left In: 643.008+/-0.109 χ^2/NDF : 323844.6/22

+ sign 692.200+/-0.106 χ^2/NDF : 4284375.8/32

All: 694.546+/-0.075 χ^2/NDF : 9443821.5/65

- sign 696.880+/-0.106 χ^2/NDF : 5158474.4/32

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: 407.968 ± 550.449 χ^2/NDF : 21.1/27

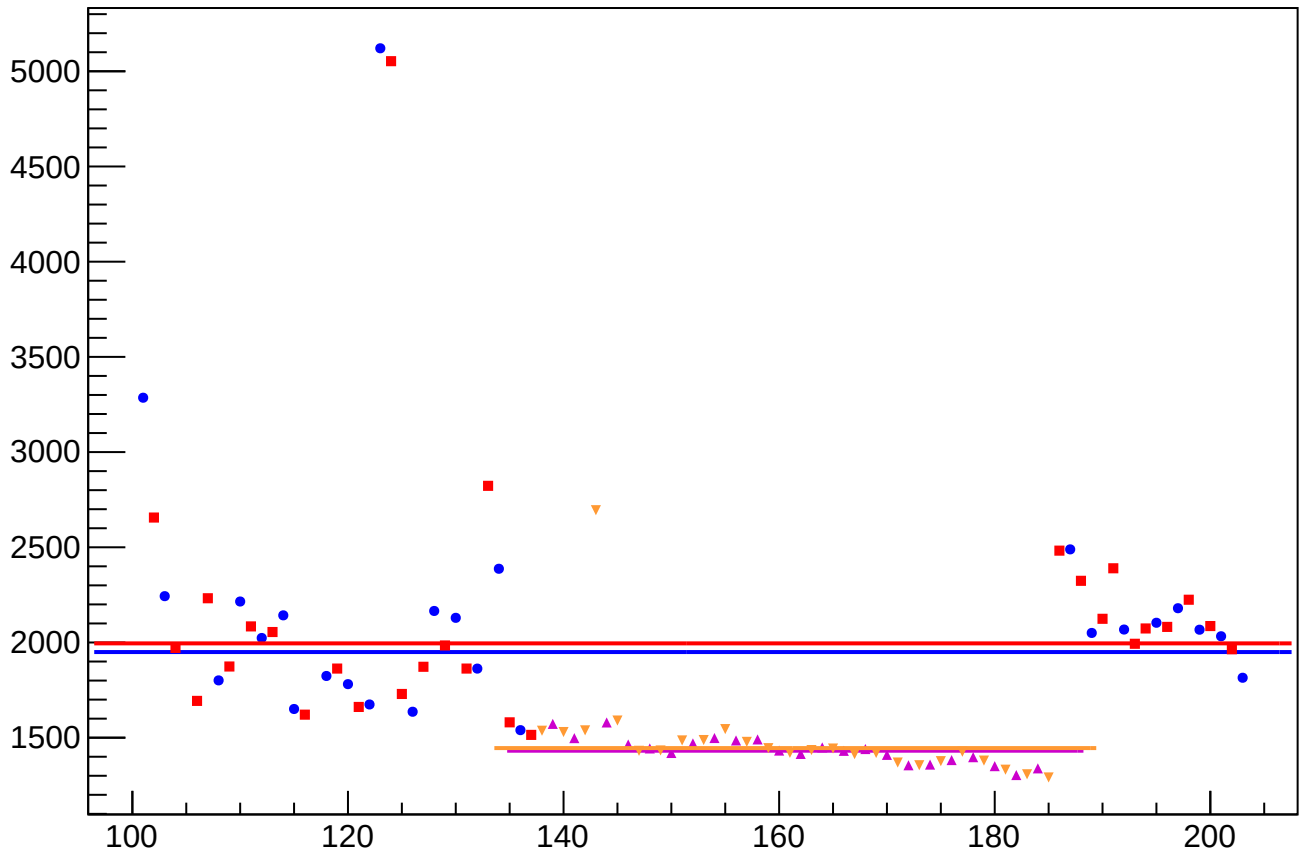
Left In: 137.780 ± 342.262 χ^2/NDF : 18.8/22

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

All: -285.629 ± 206.177 χ^2/NDF : 105.6/100

- sign 213.114 ± 290.656 χ^2/NDF : 40.1/50

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: 1995.377 $\pm$ 0.389 χ^2 /NDF: 562916.9/27

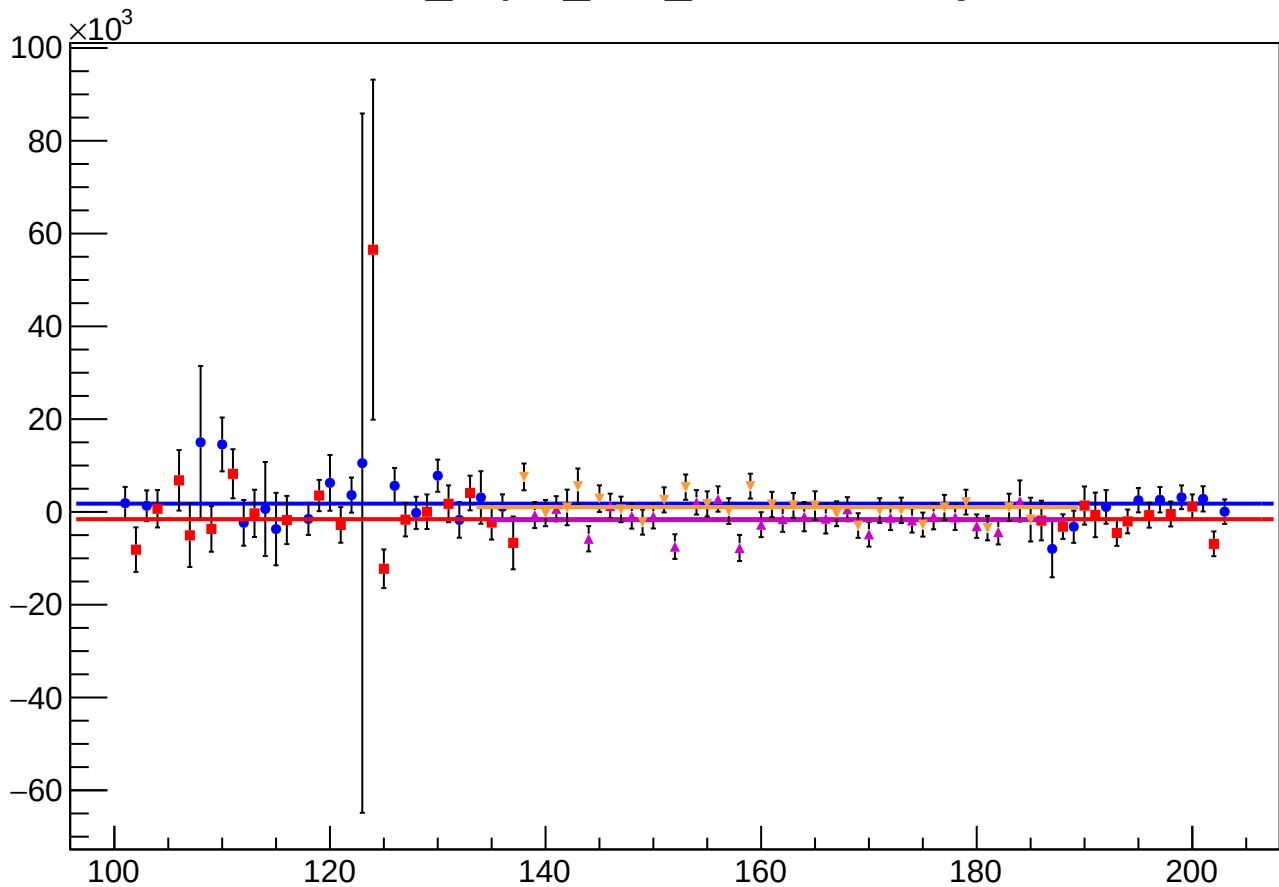
Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

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

All: 1582.430 $\pm$ 0.146 χ^2 /NDF: 4212857.9/10

- sign 1588.840 $\pm$ 0.206 χ^2 /NDF: 2153445.4/50

dit_asym_atl1_mean vs Slug



Right In: 1788.646 $\pm$ 741.180 χ^2 /NDF: 19.4/24

Left Out: 1057.276 $\pm$ 566.243 χ^2 /NDF: 22.7/24

Right Out: -1550.761 $\pm$ 698.550 χ^2 /NDF: 30.7/27

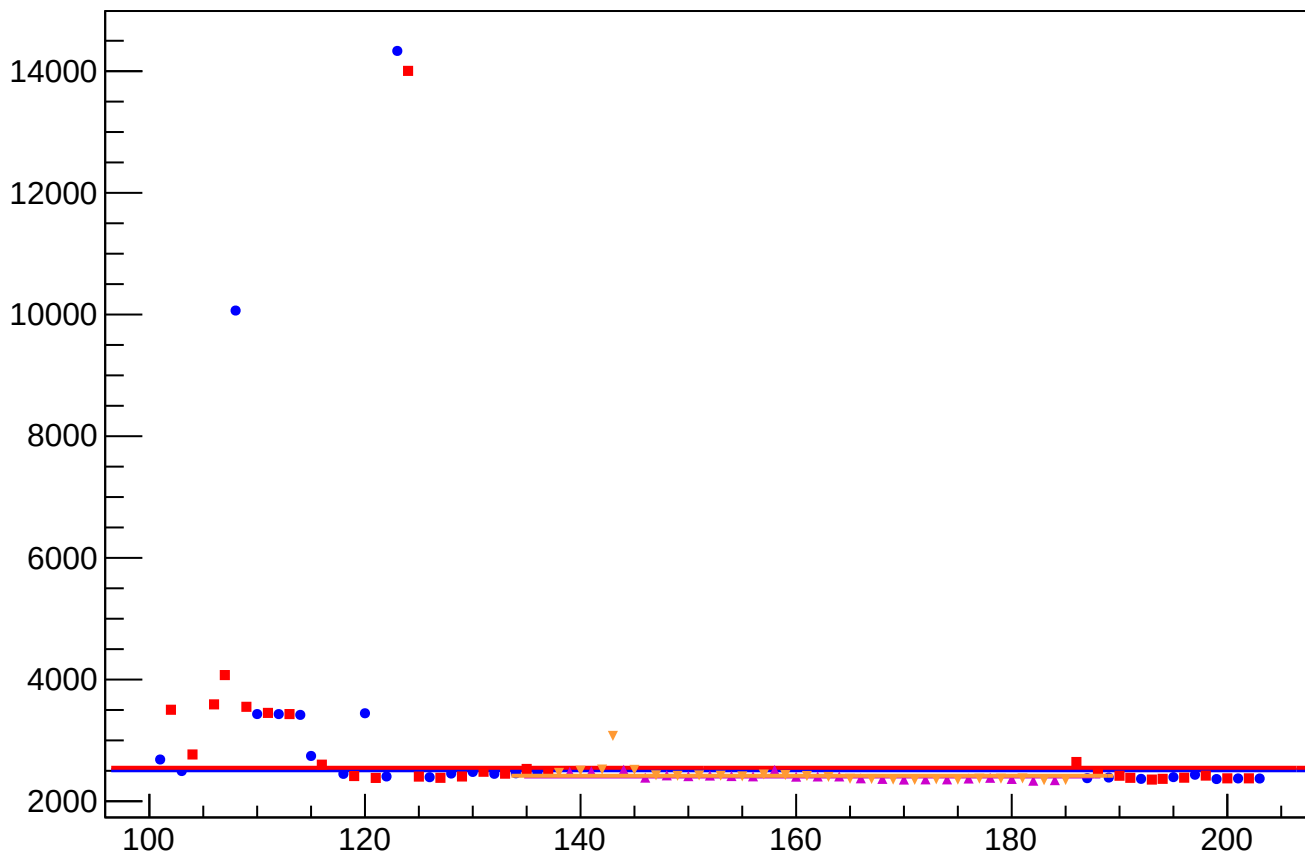
Left In: -1762.122 $\pm$ 574.660 χ^2 /NDF: 23.2/22

+ sign 1326.822 $\pm$ 449.958 χ^2 /NDF: 42.7/49

All: -195.726 $\pm$ 315.965 χ^2 /NDF: 119.2/100

- sign -1676.815 $\pm$ 443.789 χ^2 /NDF: 54.0/50

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: 2550.183+/-0.494 χ^2/NDF : 706111.6/27

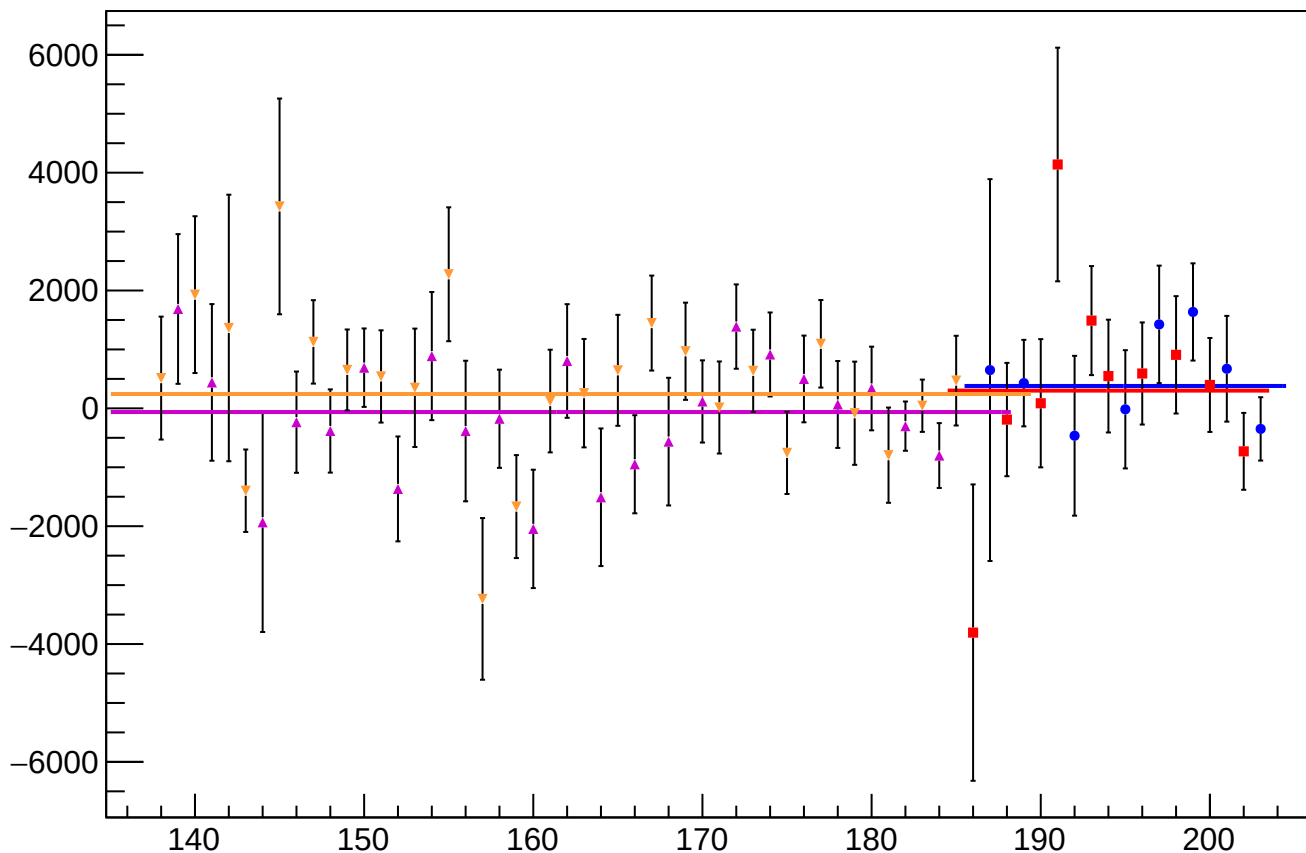
Left In: 2406.443+/-0.406 χ^2/NDF : 15245.2/22

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

All: 2458.398+/-0.223 χ^2/NDF : 1564341.2/10

- sign 2464.458+/-0.314 χ^2/NDF : 771860.4/50

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: 301.208+/-303.460 χ^2/NDF : 11.4/9

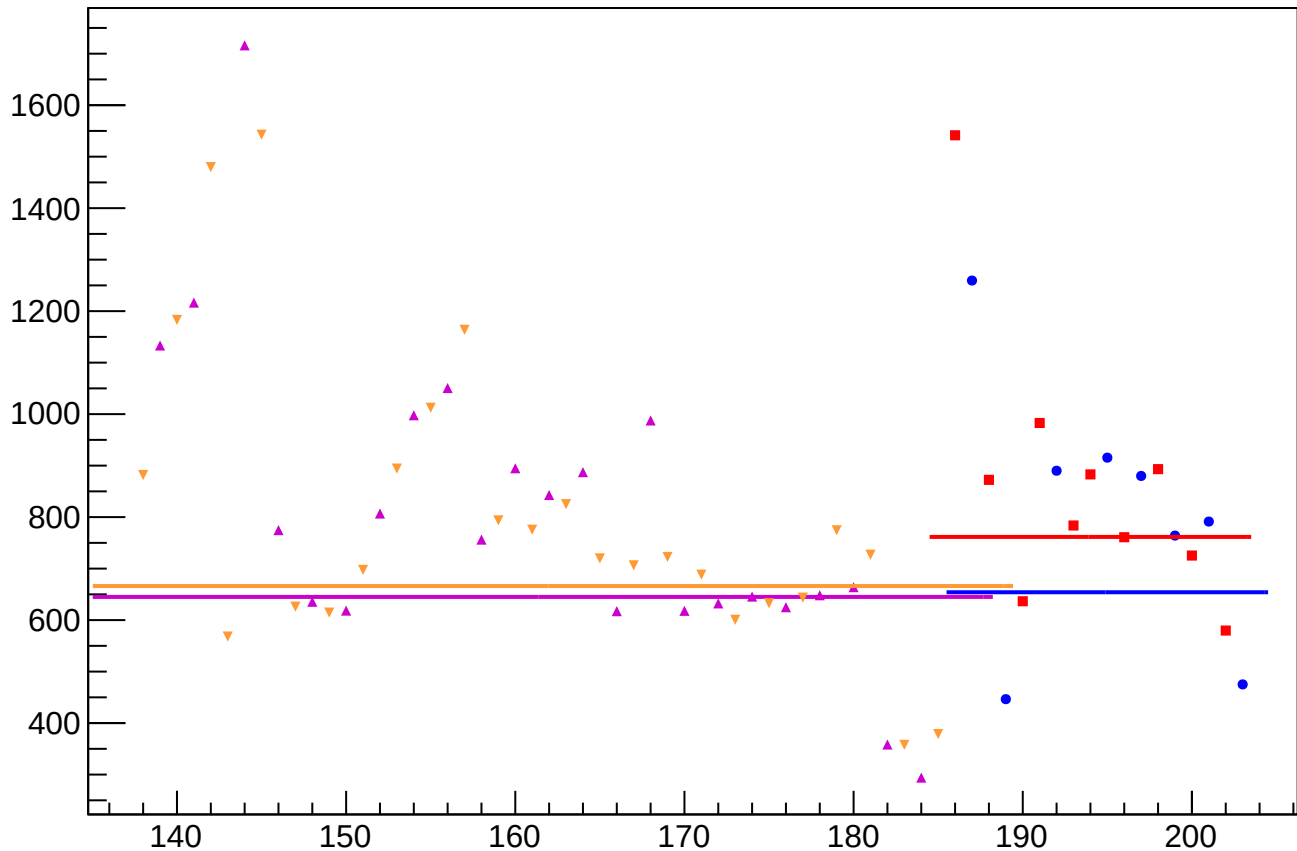
Left In: -62.569+/-164.169 χ^2/NDF : 24.3/22

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

All: 146.590+/-102.149 χ^2/NDF : 80.4/65

- sign 19.793+/-144.393 χ^2/NDF : 36.8/32

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: 761.548 $\pm$ 0.215 χ^2 /NDF: 497895.0/9

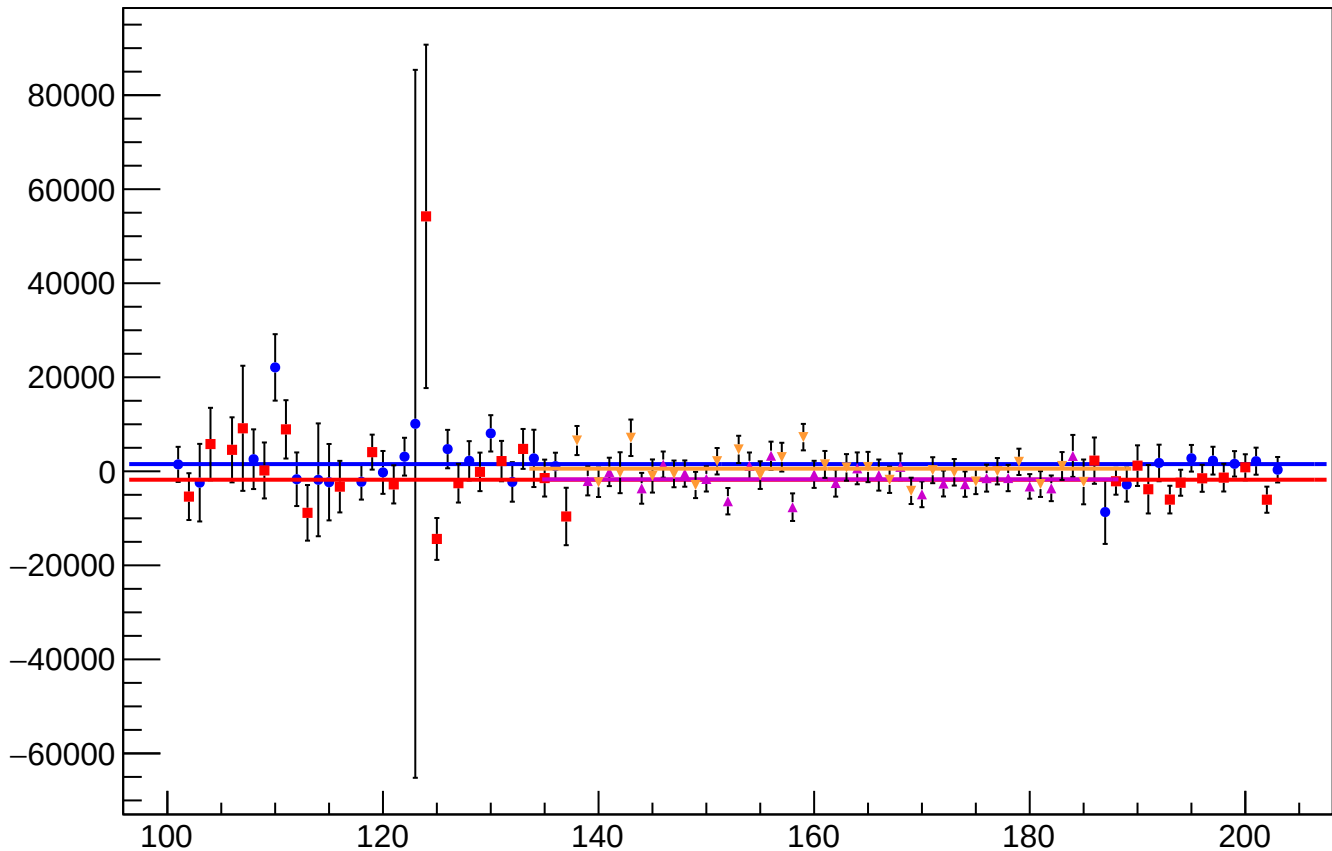
Left In: 645.011 $\pm$ 0.116 χ^2 /NDF:4176295.6/22

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

All: 667.424 $\pm$ 0.072 χ^2 /NDF: 8931088.7/65

- sign 671.396 $\pm$ 0.102 χ^2 /NDF: 4902362.5/32

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: -1790.306 $\pm$ 766.622 χ^2 /NDF: 32.3/27

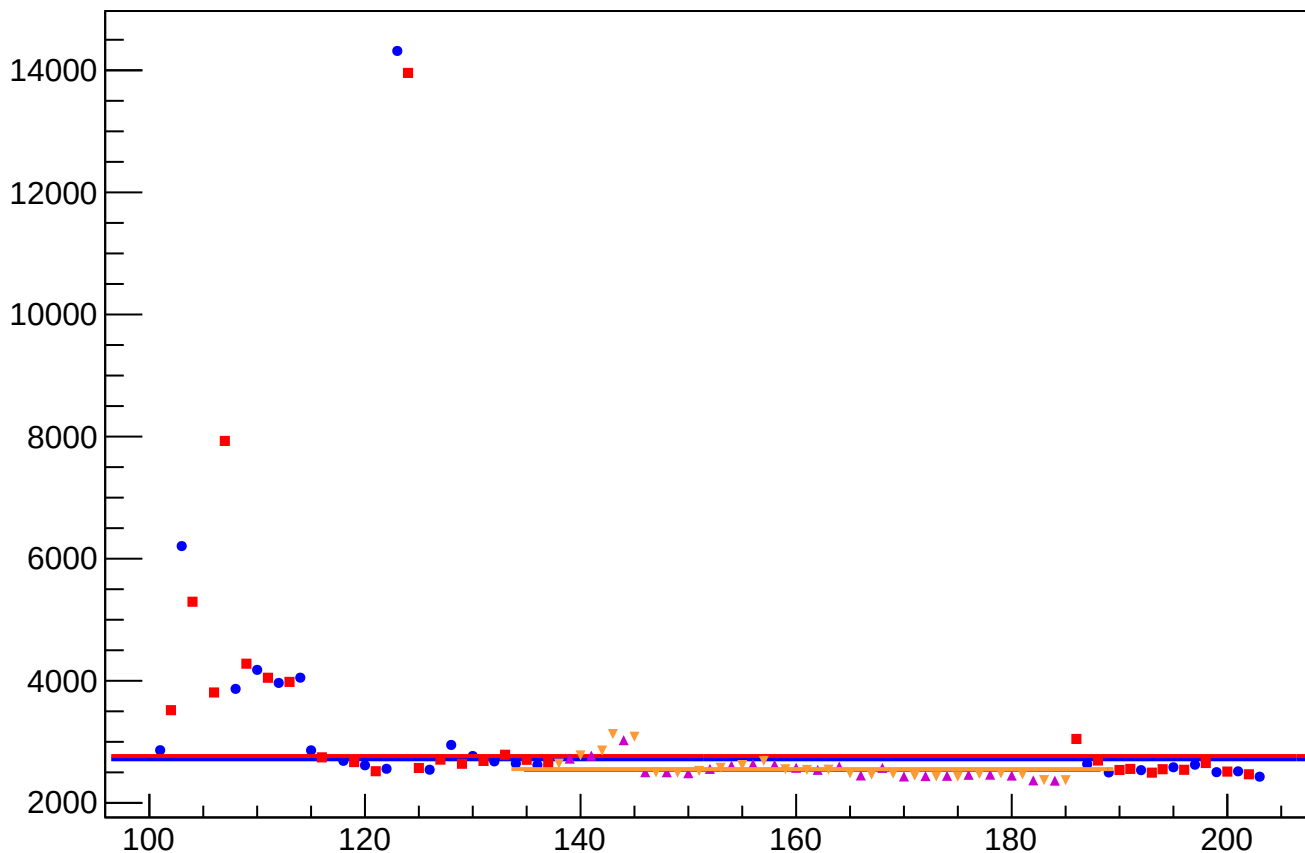
Left In: -1713.317 $\pm$ 607.775 χ^2 /NDF: 18.1/22

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

All: -425.456 $\pm$ 338.016 χ^2 /NDF: 111.1/100

- sign -1743.031 $\pm$ 476.262 χ^2 /NDF: 50.4/50

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: 2767.111+/-0.542 χ^2/NDF : 1212231.0/27

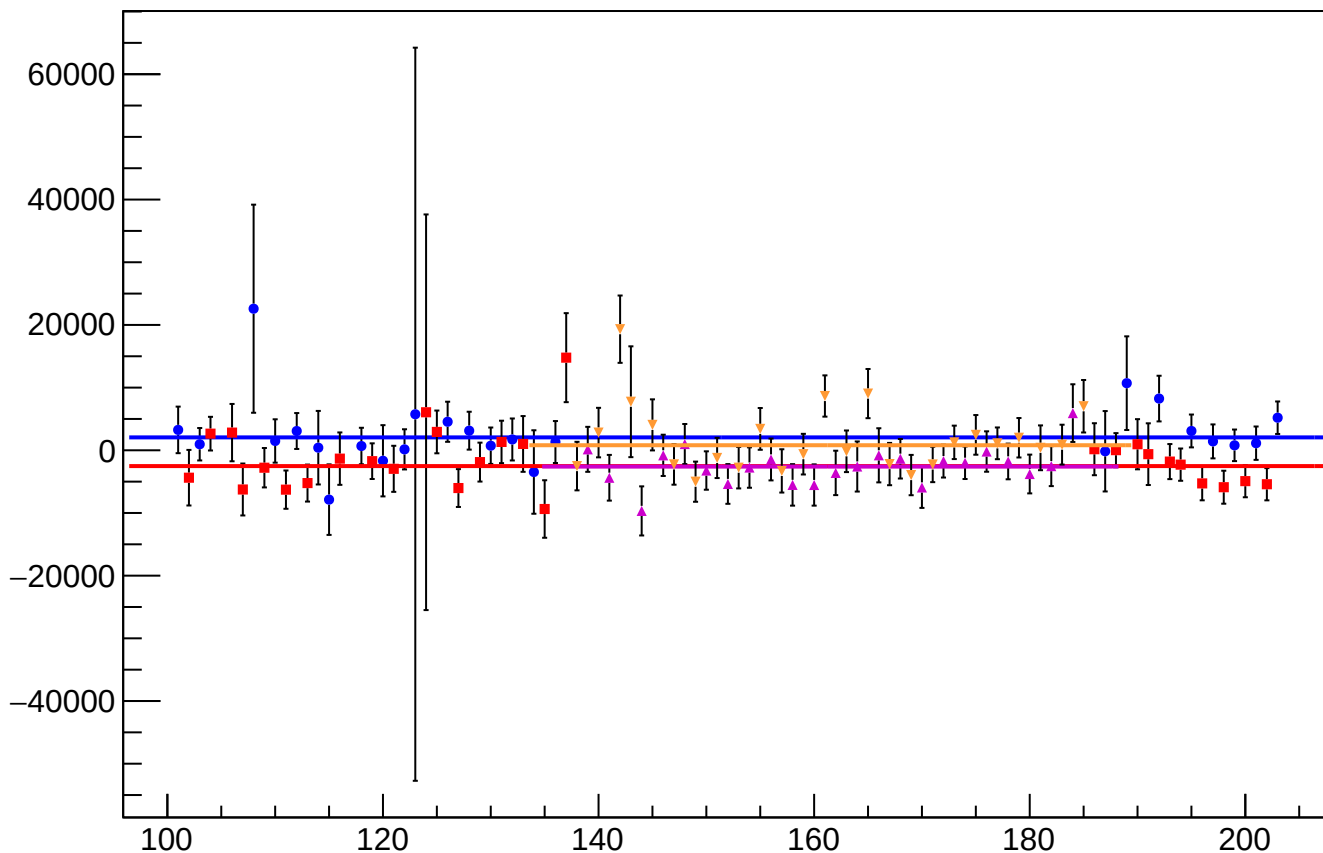
Left In: 2541.950+/-0.430 χ^2/NDF : 97238.4/22

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

All: 2619.775+/-0.239 χ^2/NDF : 2377753.1/10

- sign 2628.850+/-0.337 χ^2/NDF : 1415409.7/50

dit_asym_atl2_mean vs Slug



Right In: 2058.453 $\pm$ 688.035 χ^2 /NDF: 14.3/24

Left Out: 807.297 $\pm$ 677.513 χ^2 /NDF:39.1/24

Right Out: -2520.006 $\pm$ 627.479 χ^2 /NDF: 29.8/27

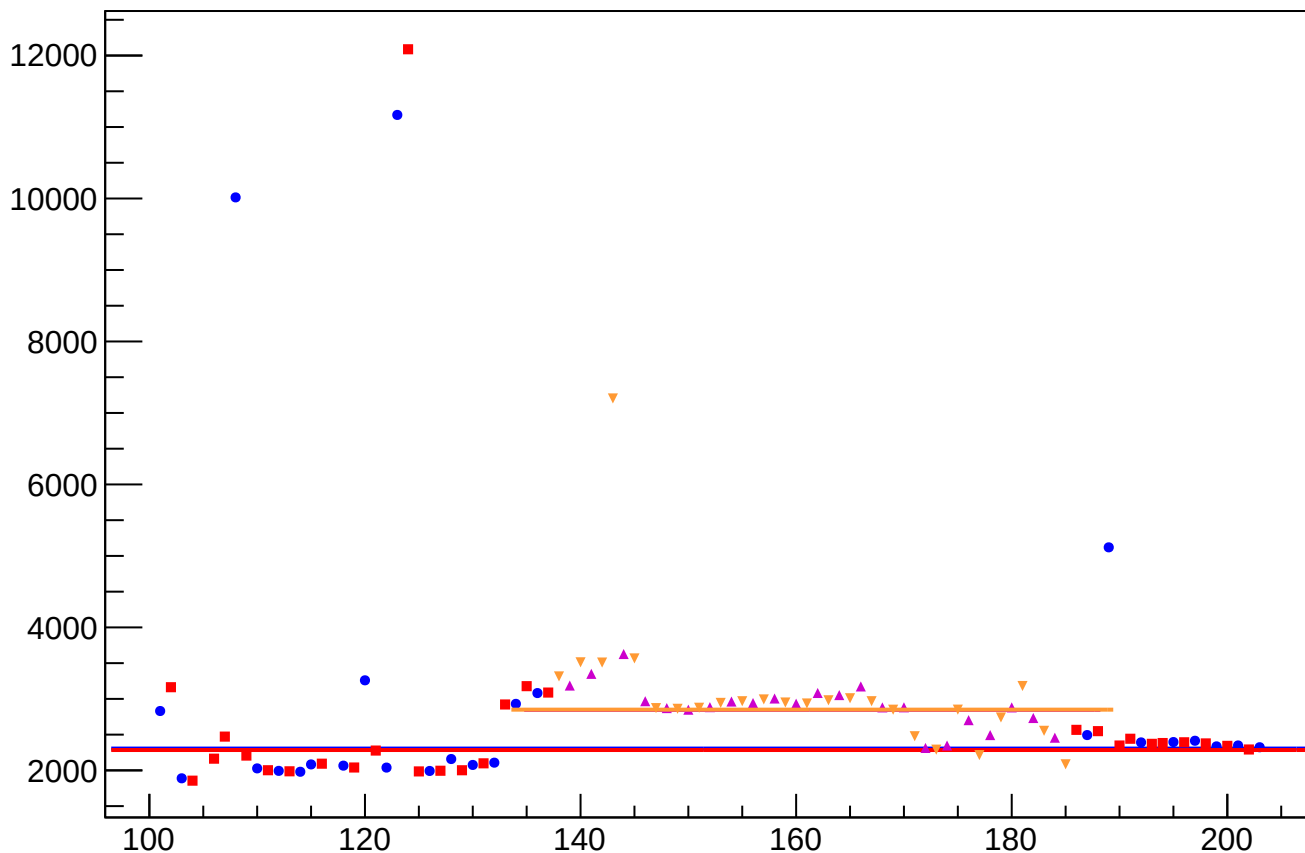
Left In: -2595.551 $\pm$ 683.824 χ^2 /NDF:14.0/22

+ sign 1423.235 $\pm$ 482.751 χ^2 /NDF: 55.1/49

All: -651.549 $\pm$ 333.904 χ^2 /NDF: 134.3/100

- sign -2554.539 $\pm$ 462.333 χ^2 /NDF: 43.8/50

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: 2284.704+/-0.444 χ^2/NDF : 627025.2/27

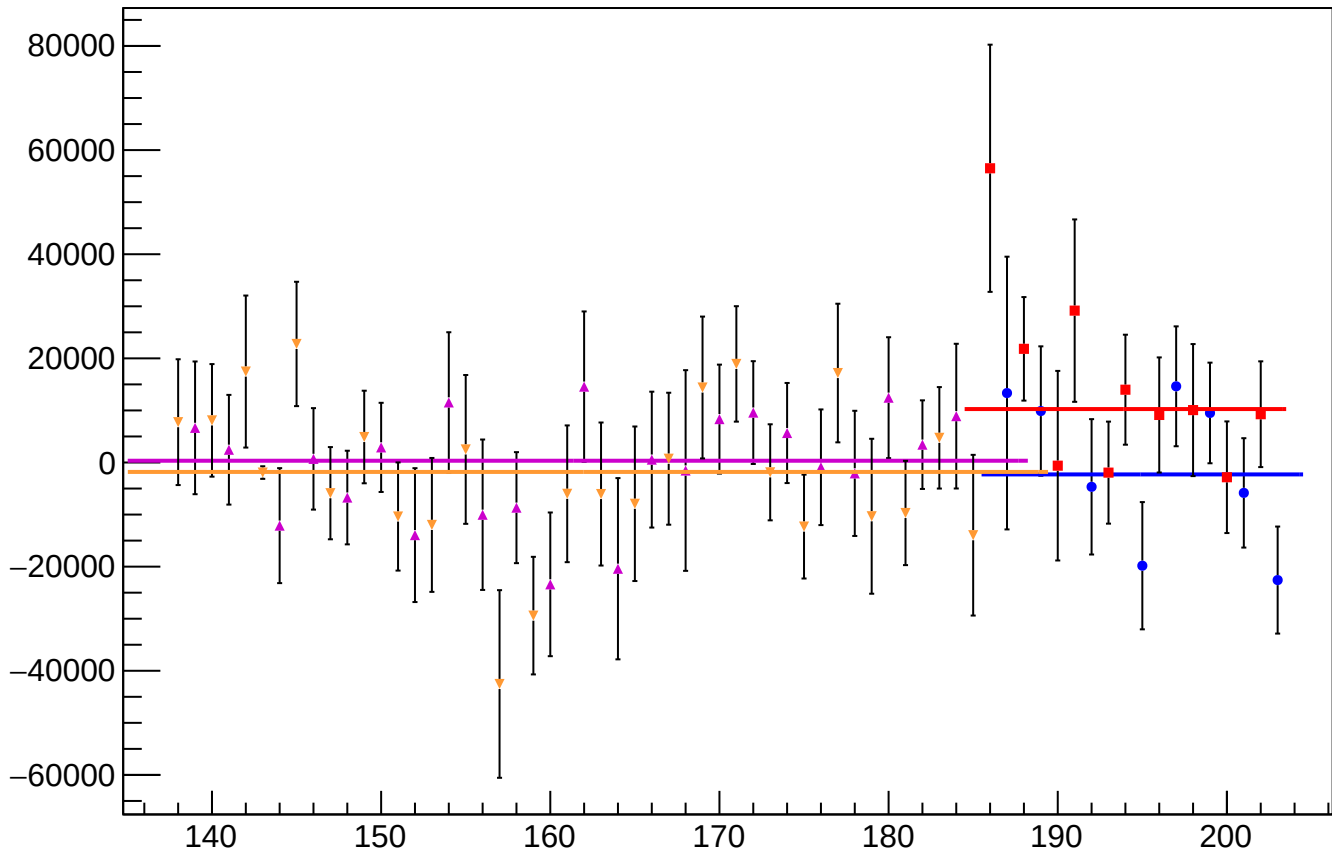
Left In: 2844.779+/-0.484 χ^2/NDF : 383776.8/22

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

All: 2560.071+/-0.236 χ^2/NDF : 4577423.9/10

- sign 2540.610+/-0.327 χ^2/NDF : 1739421.9/50

asym_atl2_correction_mean vs Slug



Right In: -2287.732 ± 4176.010 χ^2/NDF : 11.1/7

Left Out: -1810.593 ± 1078.173 χ^2/NDF : 31.2/24

Right Out: 10264.516 ± 3770.158 χ^2/NDF : 9.9/9

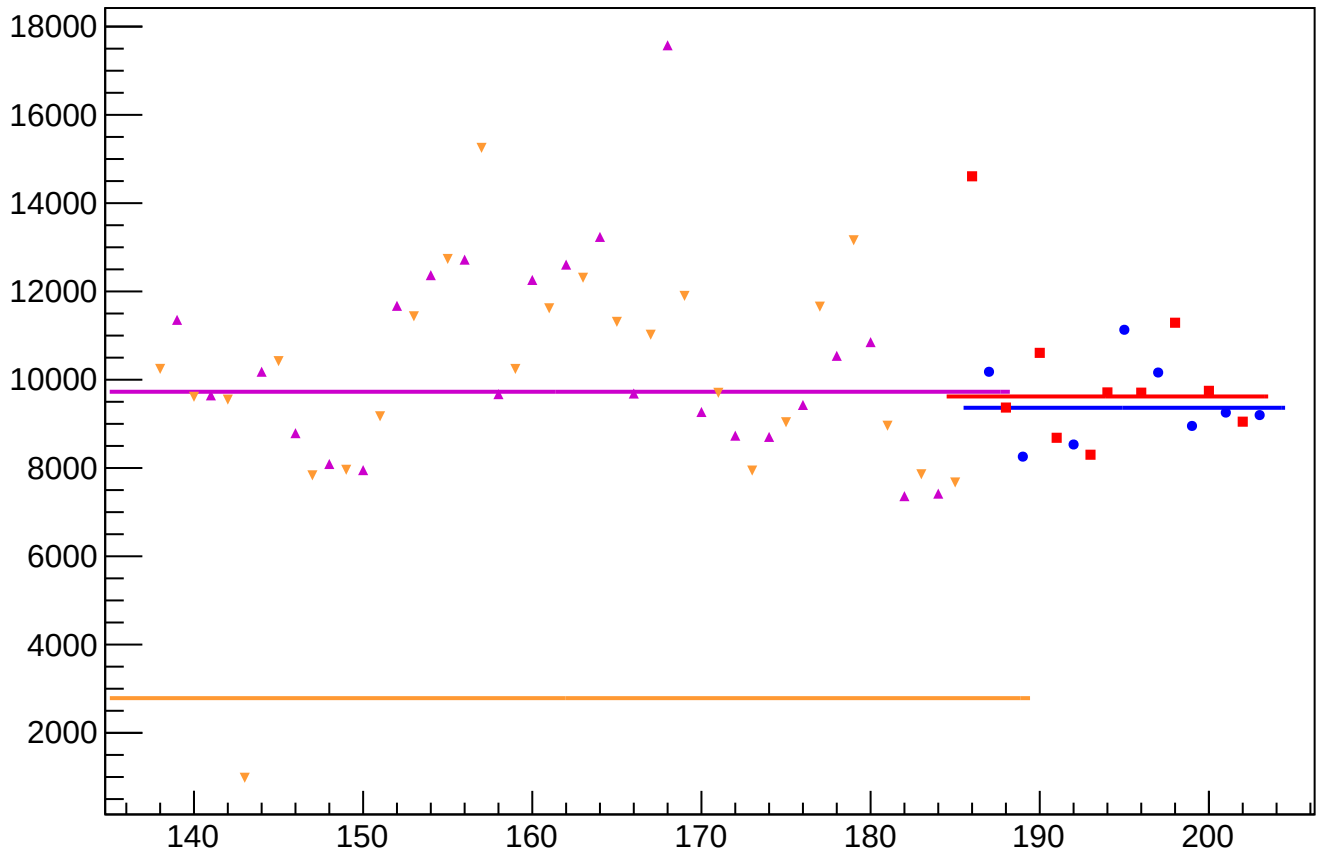
Left In: 339.260 ± 2365.986 χ^2/NDF : 14.2/22

+ sign -1840.411 ± 1043.941 χ^2/NDF : 42.3/32

All: -776.629 ± 925.854 χ^2/NDF : 76.2/65

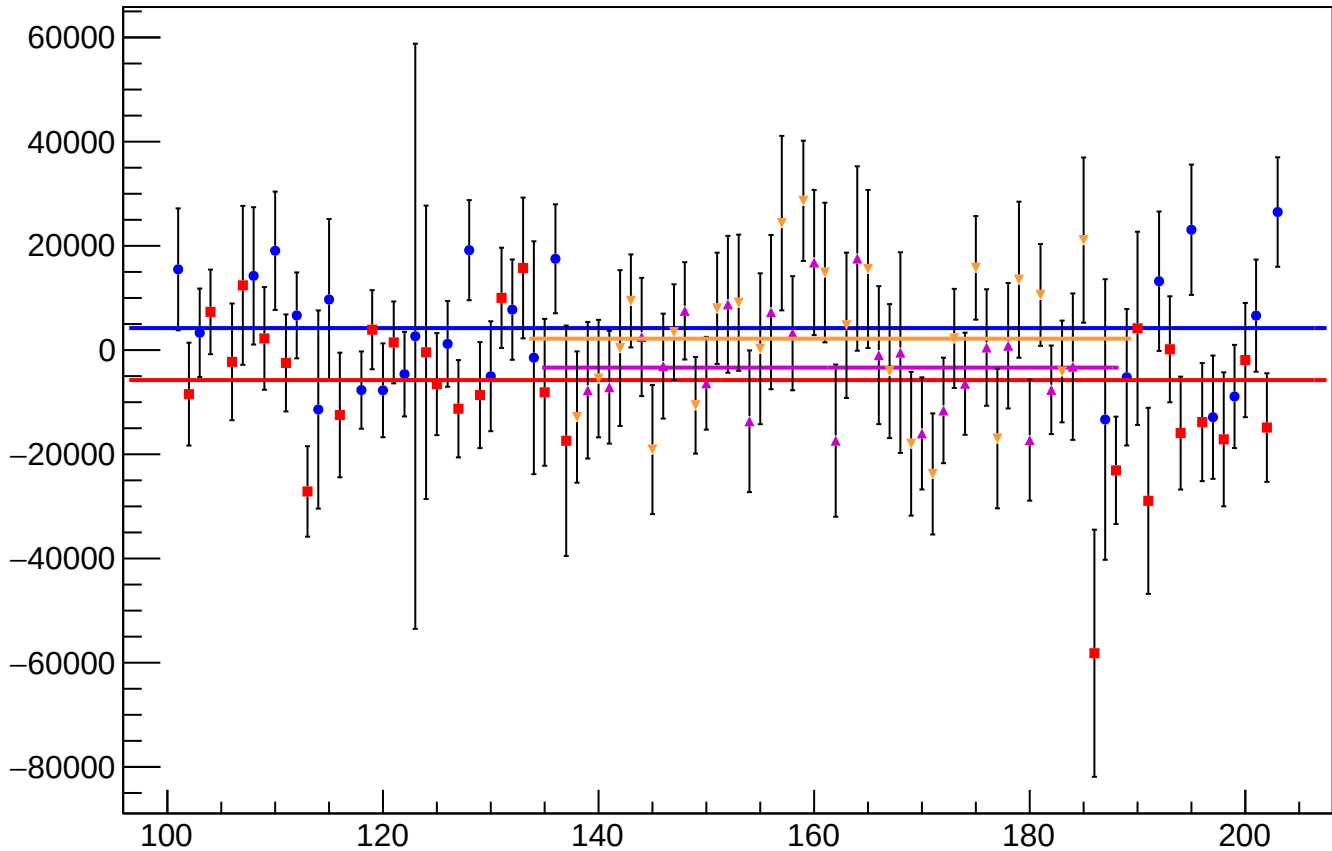
- sign 3143.649 ± 2004.046 χ^2/NDF : 29.0/32

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	All: 4584.776+/-0.655	χ^2/NDF : 45585483.8/6
Right Out: 9620.506+/-2.666	χ^2/NDF : 179045.3/9	- sign 9697.093+/-1.417	χ^2/NDF : 1441602.3/32
Left In: 9727.255+/-1.673	χ^2/NDF : 1261406.7/22		

asym_atl2_mean vs Slug



Right In: 4223.634 ± 2166.163 χ^2/NDF : 26.8/24

Left Out: 2192.629 ± 2346.604 χ^2/NDF : 31.2/24

Right Out: -5758.216 ± 2057.011 χ^2/NDF : 32.9/27

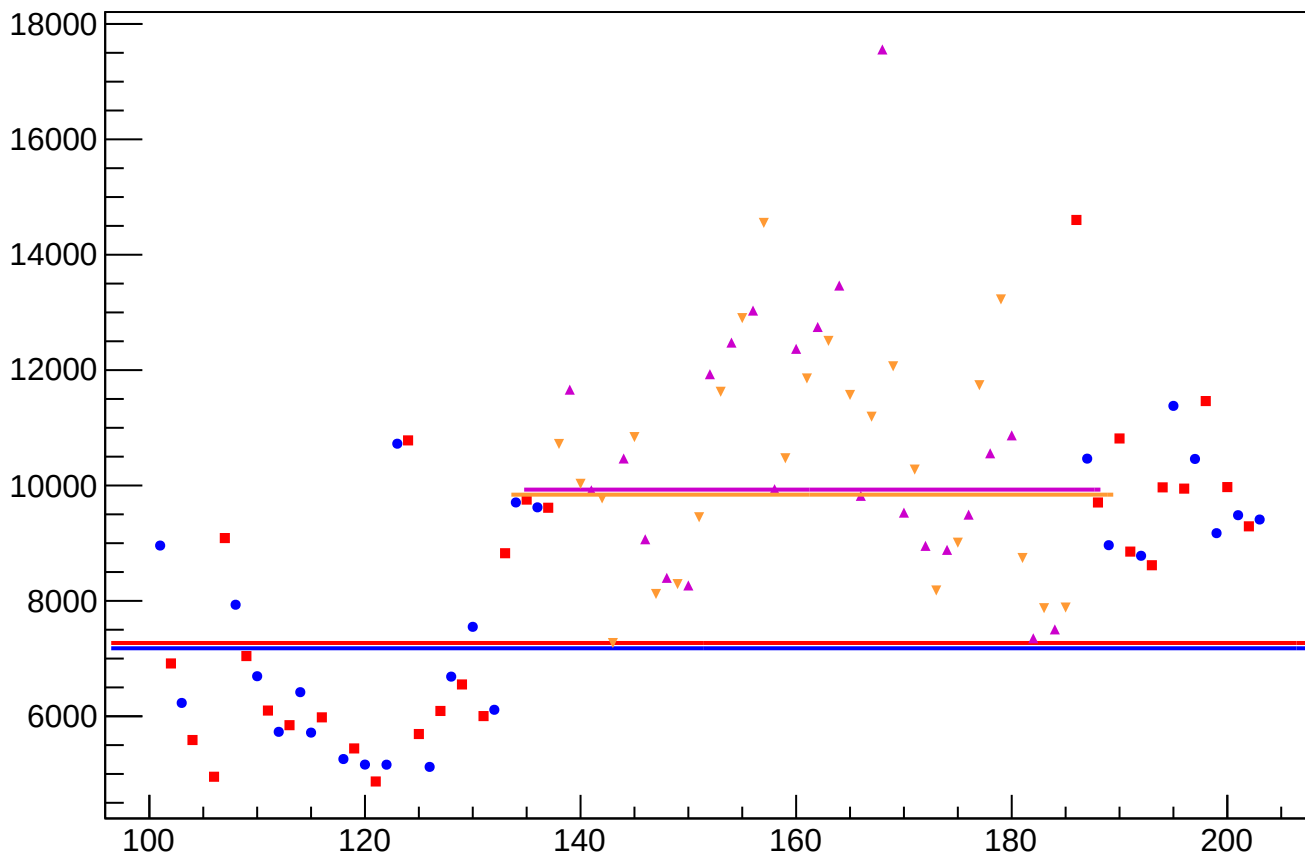
Left In: -3362.489 ± 2413.842 χ^2/NDF : 12.8/22

+ sign 3289.211 ± 1591.681 χ^2/NDF : 58.4/49

All: -796.882 ± 1116.167 χ^2/NDF : 117.7/100

- sign -4750.351 ± 1565.637 χ^2/NDF : 46.3/50

asym_atl2_rms vs Slug



Right In: 7178.294+/-1.532 χ^2/NDF : 1560842.2/24

Left Out: 9841.227+/-1.659 χ^2/NDF : 1184767.7/24

Right Out: 7270.260+/-1.454 χ^2/NDF : 1957783.5/27

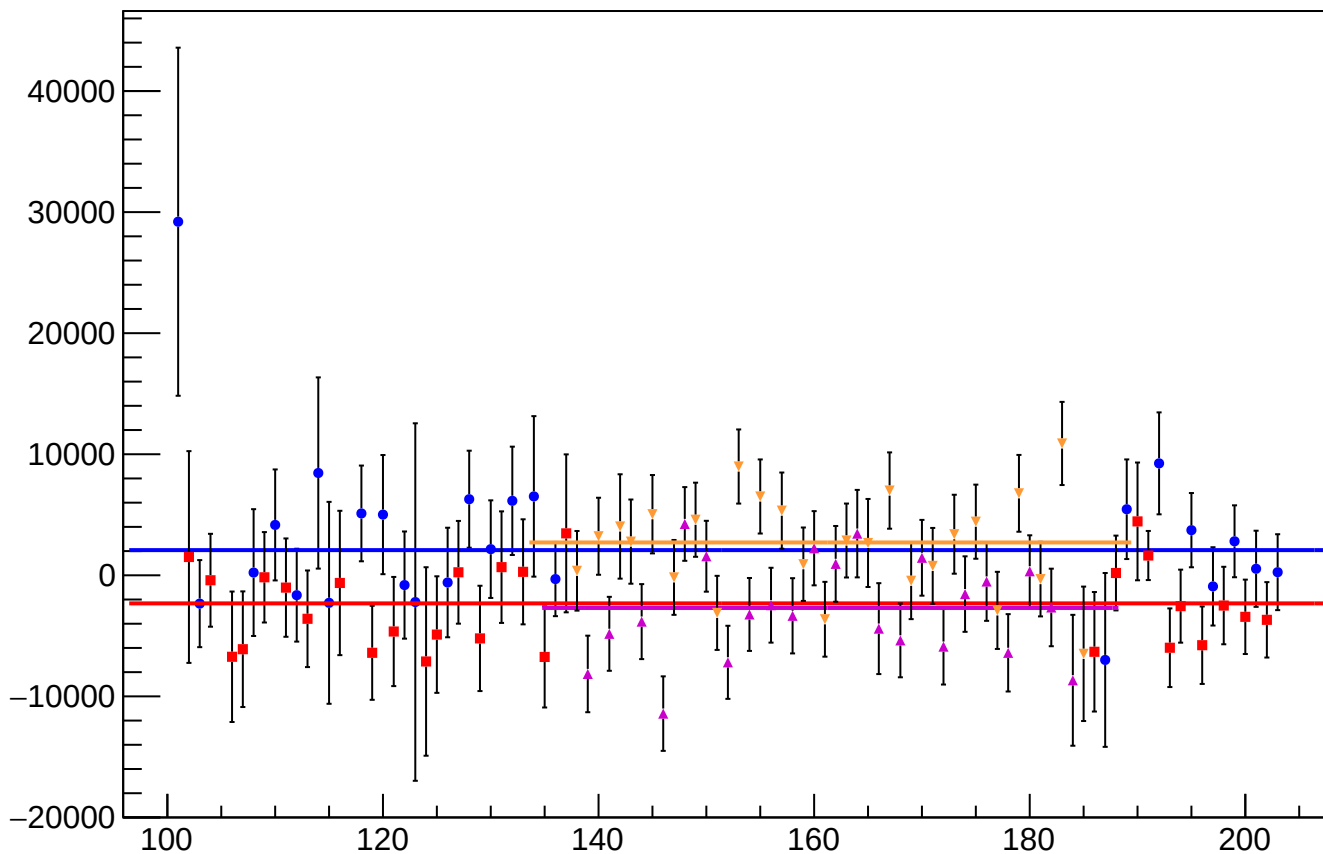
Left In: 9928.662+/-1.707 χ^2/NDF : 1220804.9/22

+ sign 8403.449+/-1.125 χ^2/NDF : 4136209.1/49

All: 8395.895+/-0.789 χ^2/NDF : 8720205.6/10

- sign 8388.586+/-1.107 χ^2/NDF : 4583907.9/50

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: -2319.524 ± 727.911 χ^2/NDF : 17.7/27

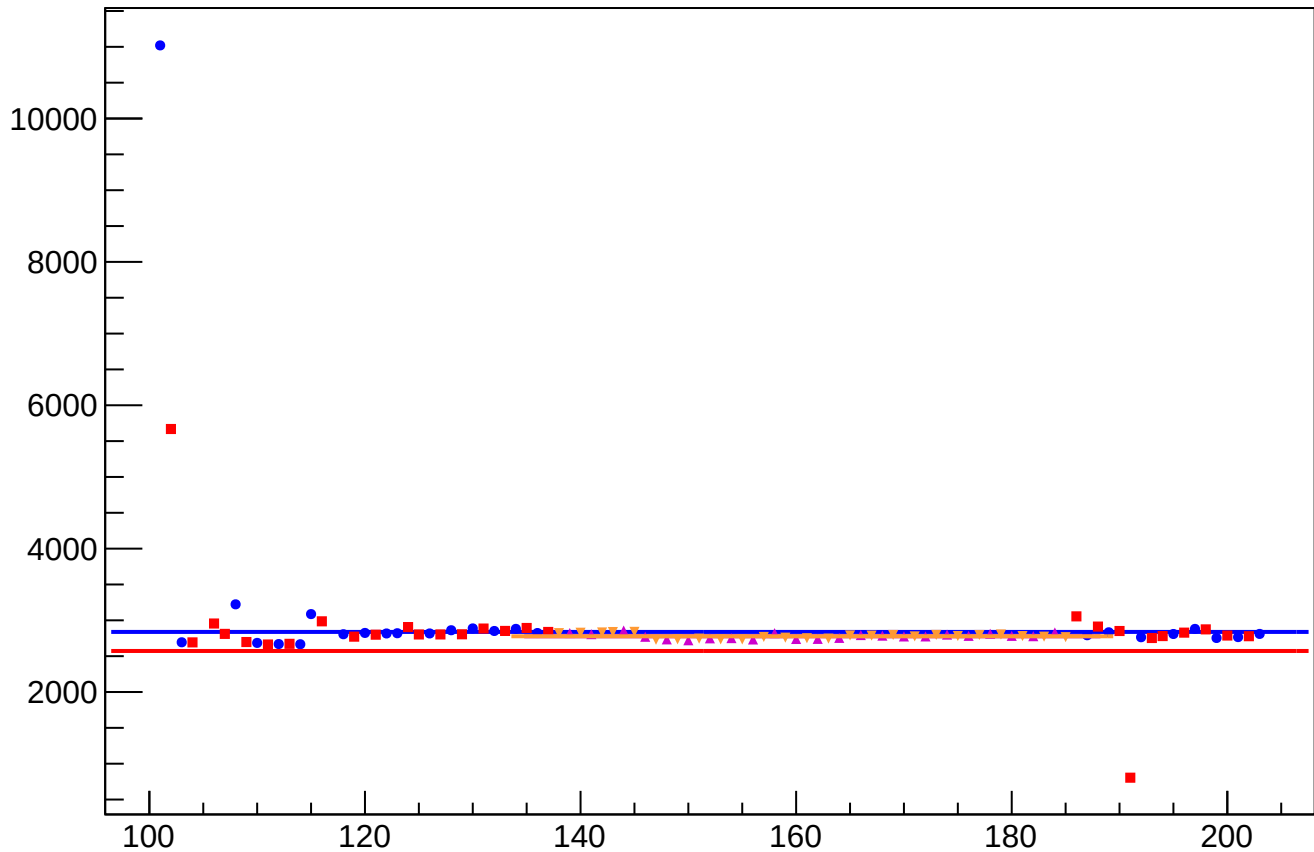
Left In: -2697.794 ± 662.544 χ^2/NDF : 36.1/22

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

All: -138.567 ± 354.190 χ^2/NDF : 157.7/100

- sign -2526.403 ± 489.972 χ^2/NDF : 53.9/50

dit_asym_atr1_rms vs Slug



Right In: 2838.177+/-0.591 χ^2/NDF : 675440.0/24

Left Out: 2777.450+/-0.459 χ^2/NDF : 5253.1/24

Right Out: 2572.477+/-0.515 χ^2/NDF : 1977643.6/27

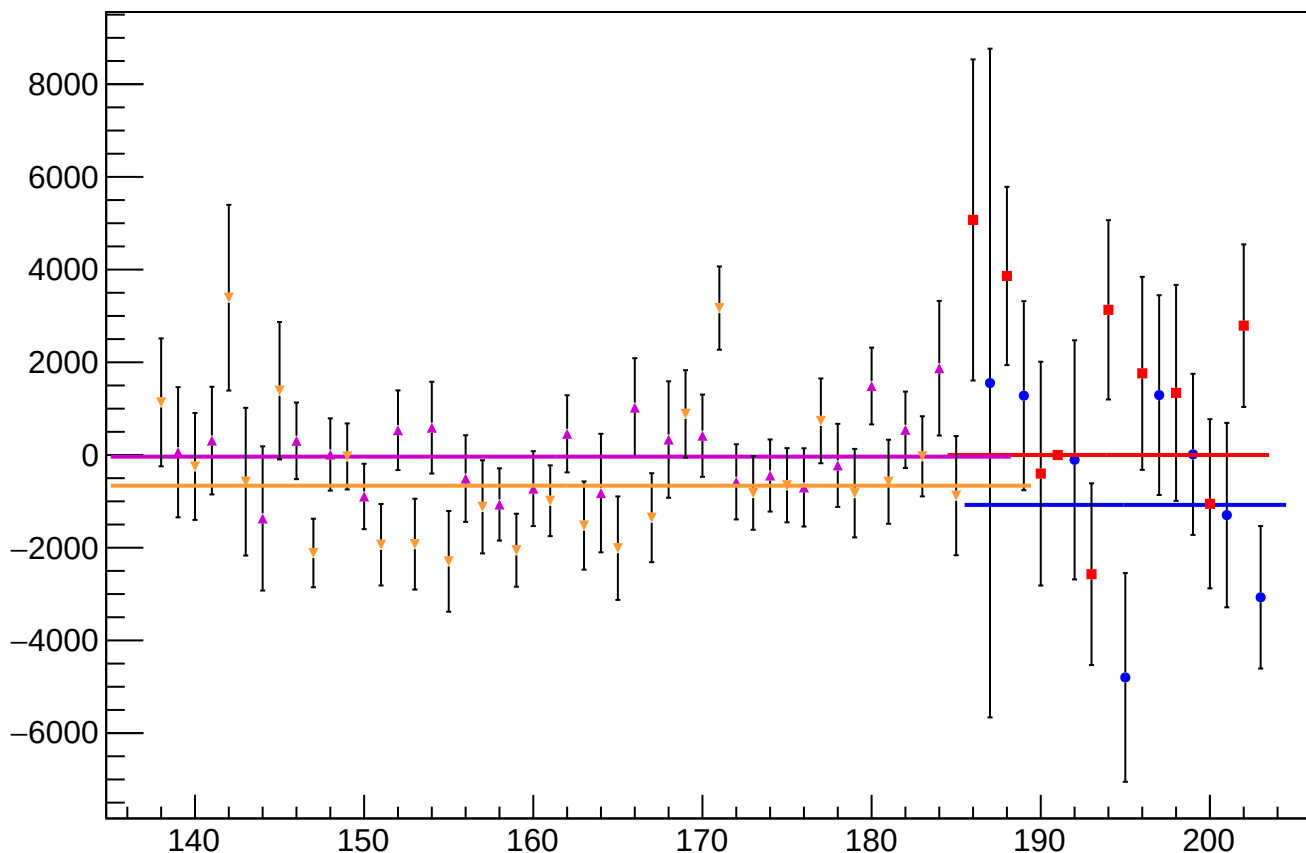
Left In: 2777.355+/-0.468 χ^2/NDF : 5488.7/22

+ sign 2800.275+/-0.362 χ^2/NDF : 687277.9/49

All: 2739.790+/-0.250 χ^2/NDF : 2810351.8/10

- sign 2684.526+/-0.346 χ^2/NDF : 2069784.2/50

asym_atr1_correction_mean vs Slug



Right In: -1076.185 ± 739.322 $\chi^2/\text{NDF}: 7.6/7$

Left Out: -661.759 ± 190.222 $\chi^2/\text{NDF}: 48.7/24$

Right Out: 0.292 ± 4.105 $\chi^2/\text{NDF}: 14.5/9$

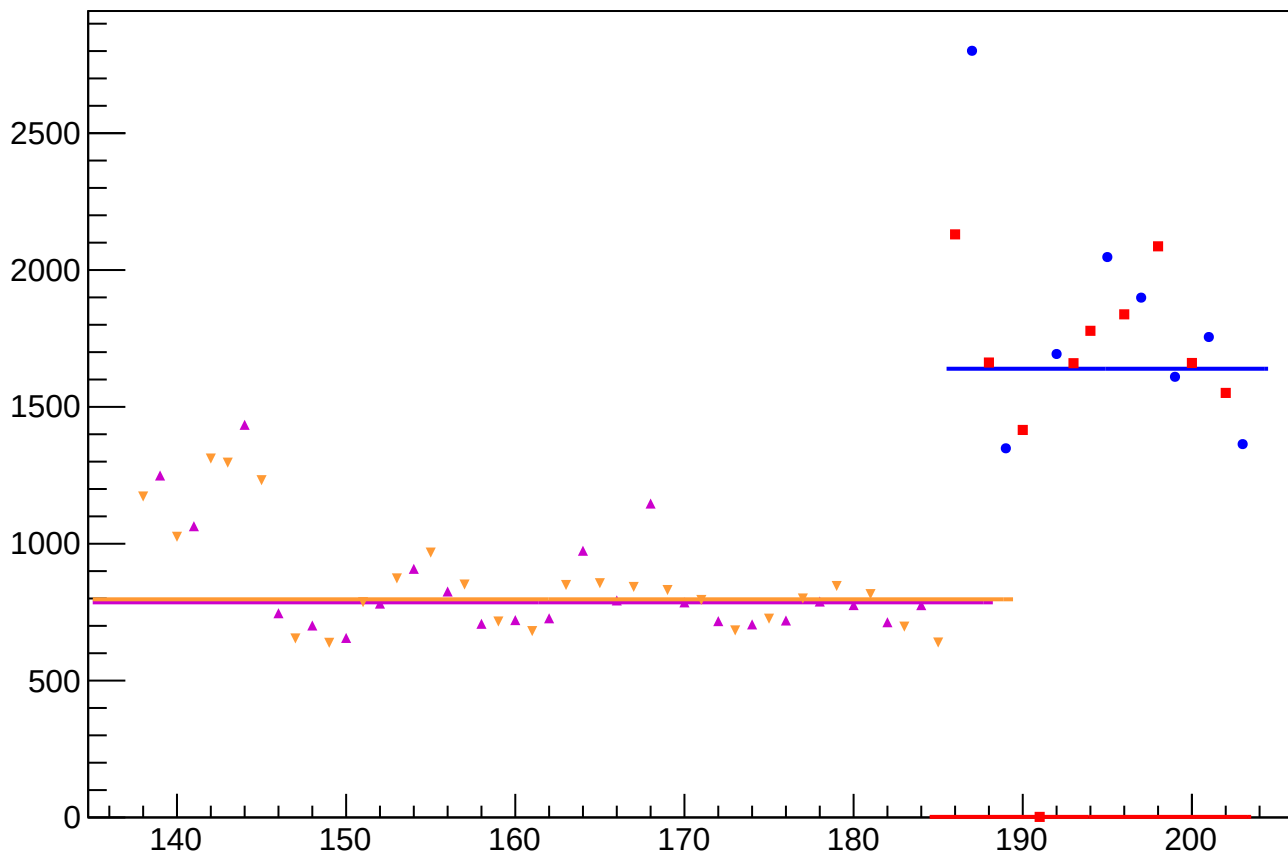
Left In: -35.366 ± 190.553 $\chi^2/\text{NDF}: 15.1/22$

+ sign -687.491 ± 184.222 $\chi^2/\text{NDF}: 56.6/32$

All: -0.066 ± 4.103 $\chi^2/\text{NDF}: 100.2/65$

- sign 0.275 ± 4.104 $\chi^2/\text{NDF}: 29.6/32$

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: 2.097 $\pm$ 0.003 χ^2 /NDF: 12415752.9/9

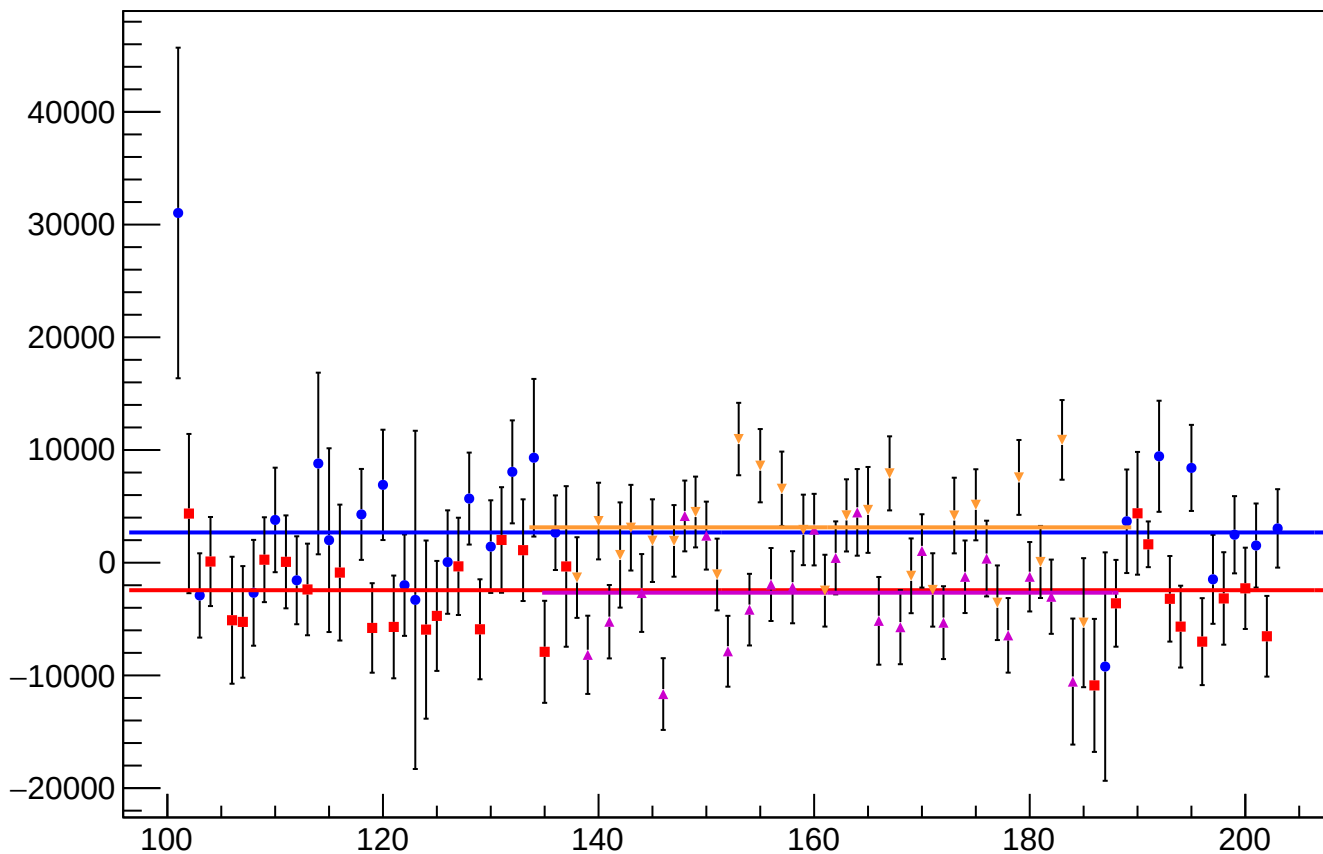
Left In: 785.928 $\pm$ 0.135 χ^2 /NDF: 1126027.7/22

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

All: 2.881 $\pm$ 0.003 χ^2 /NDF: 93477073.6/65

- sign 2.461 $\pm$ 0.003 χ^2 /NDF: 47366946.2/32

asym_atr1_mean vs Slug



Right In: 2684.198 $\pm$ 906.019 χ^2 /NDF: 21.3/24

Left Out: 3139.358 $\pm$ 680.222 χ^2 /NDF: 38.3/24

Right Out: -2440.162 $\pm$ 787.979 χ^2 /NDF: 19.7/27

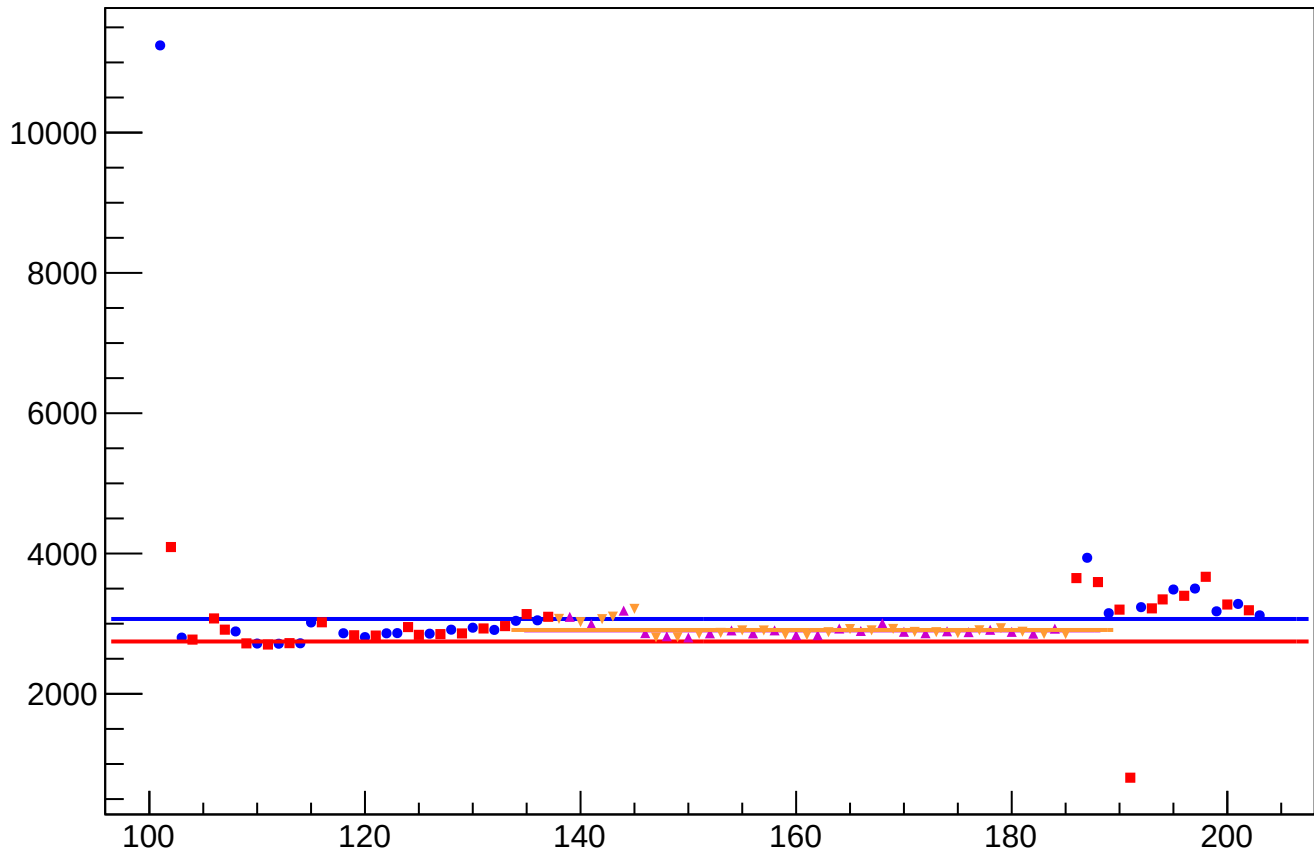
Left In: -2659.828 $\pm$ 693.121 χ^2 /NDF: 36.9/22

+ sign 2975.282 $\pm$ 543.974 χ^2 /NDF: 59.7/49

All: 83.194 $\pm$ 376.049 χ^2 /NDF: 170.5/100

- sign -2564.006 $\pm$ 520.434 χ^2 /NDF: 56.7/50

asym_atr1_rms vs Slug



Right In: 3067.047+/-0.641 χ^2/NDF : 767525.7/24

Left Out: 2910.362+/-0.481 χ^2/NDF :36080.5/24

Right Out: 2746.235+/-0.557 χ^2/NDF : 2426296.9/27

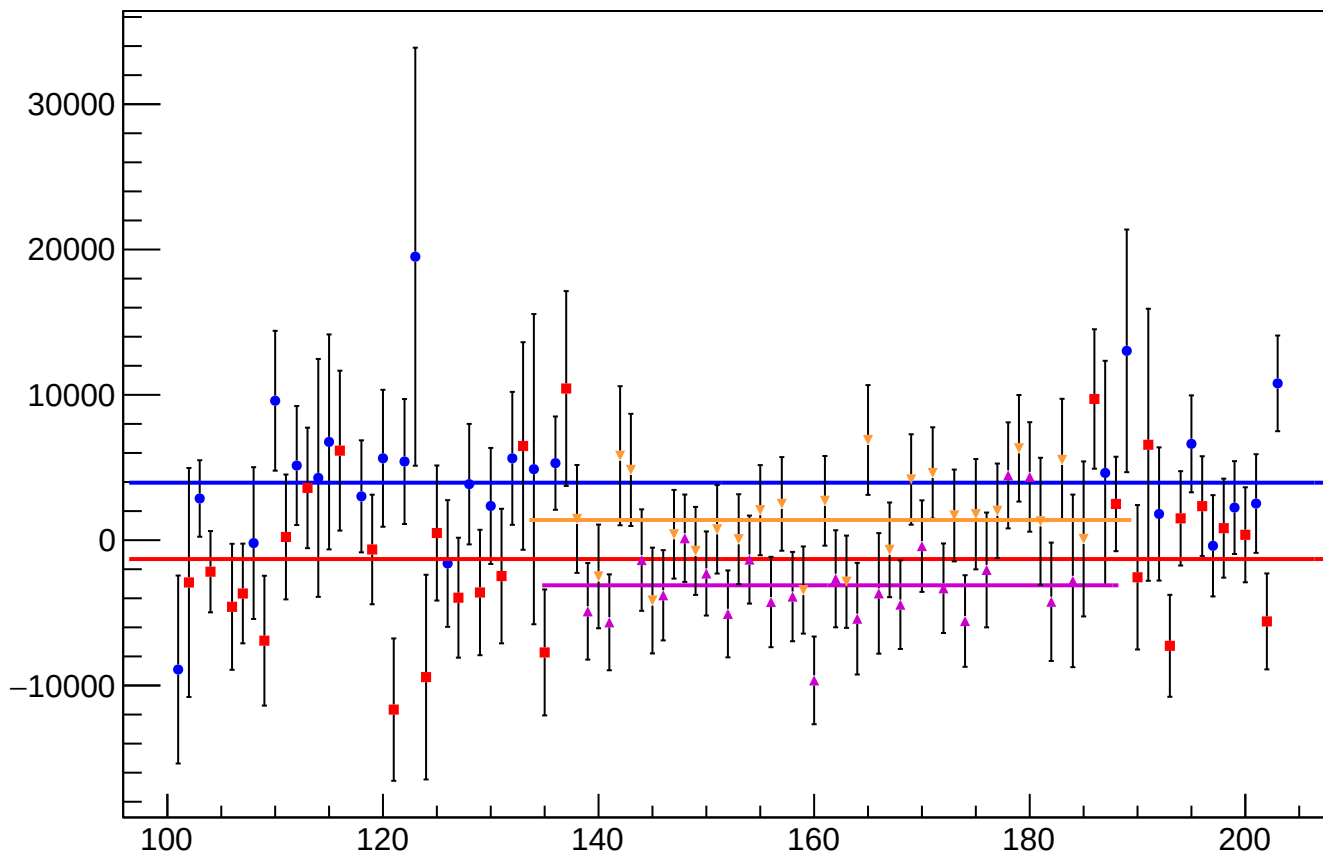
Left In: 2904.499+/-0.490 χ^2/NDF :30423.1/22

+ sign 2966.843+/-0.385 χ^2/NDF : 841859.0/49

All: 2898.248+/-0.266 χ^2/NDF : 3404977.3/100

- sign 2835.461+/-0.368 χ^2/NDF : 2502206.2/50

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: -1299.272 $\pm$ 782.557 χ^2 /NDF: 33.8/27

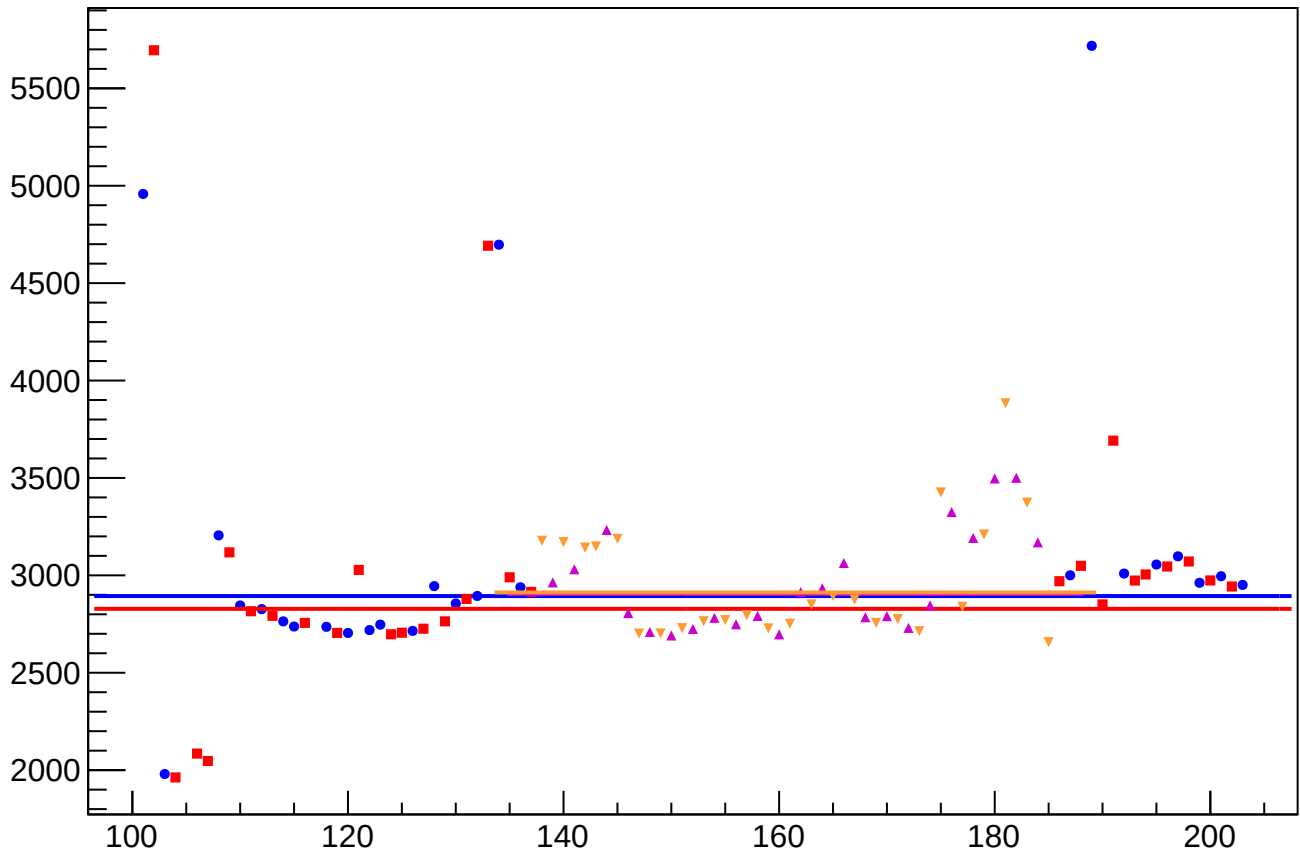
Left In: -3106.878 $\pm$ 695.685 χ^2 /NDF:18.4/22

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

All: -24.331 $\pm$ 372.680 χ^2 /NDF: 136.7/100

- sign -2308.937 $\pm$ 519.935 χ^2 /NDF: 55.2/50

dit_asym_atr2_rms vs Slug



Right In: 2893.667 $\pm$ 0.605 χ^2 /NDF: 770936.8/24

Left Out: 2912.211 $\pm$ 0.484 χ^2 /NDF: 290908.5/24

Right Out: 2828.045 $\pm$ 0.553 χ^2 /NDF: 839157.6/27

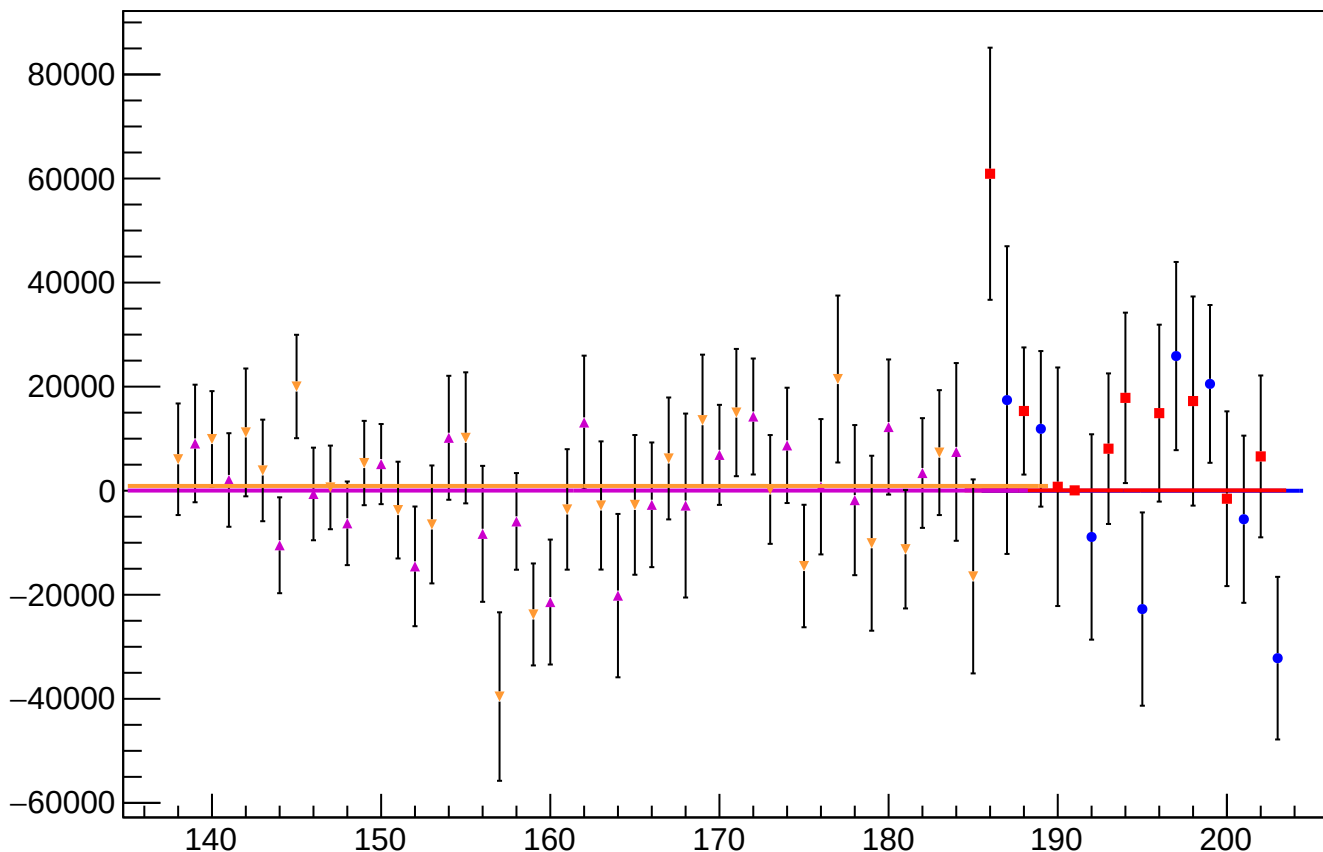
Left In: 2904.472 $\pm$ 0.492 χ^2 /NDF: 217578.9/22

+ sign 2904.967 $\pm$ 0.378 χ^2 /NDF: 1062418.4/49

All: 2887.374 $\pm$ 0.264 χ^2 /NDF: 2134029.9/10

- sign 2870.727 $\pm$ 0.368 χ^2 /NDF: 1067393.9/50

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: 63.037 ± 29.129 $\chi^2/\text{NDF}: 11.0/9$

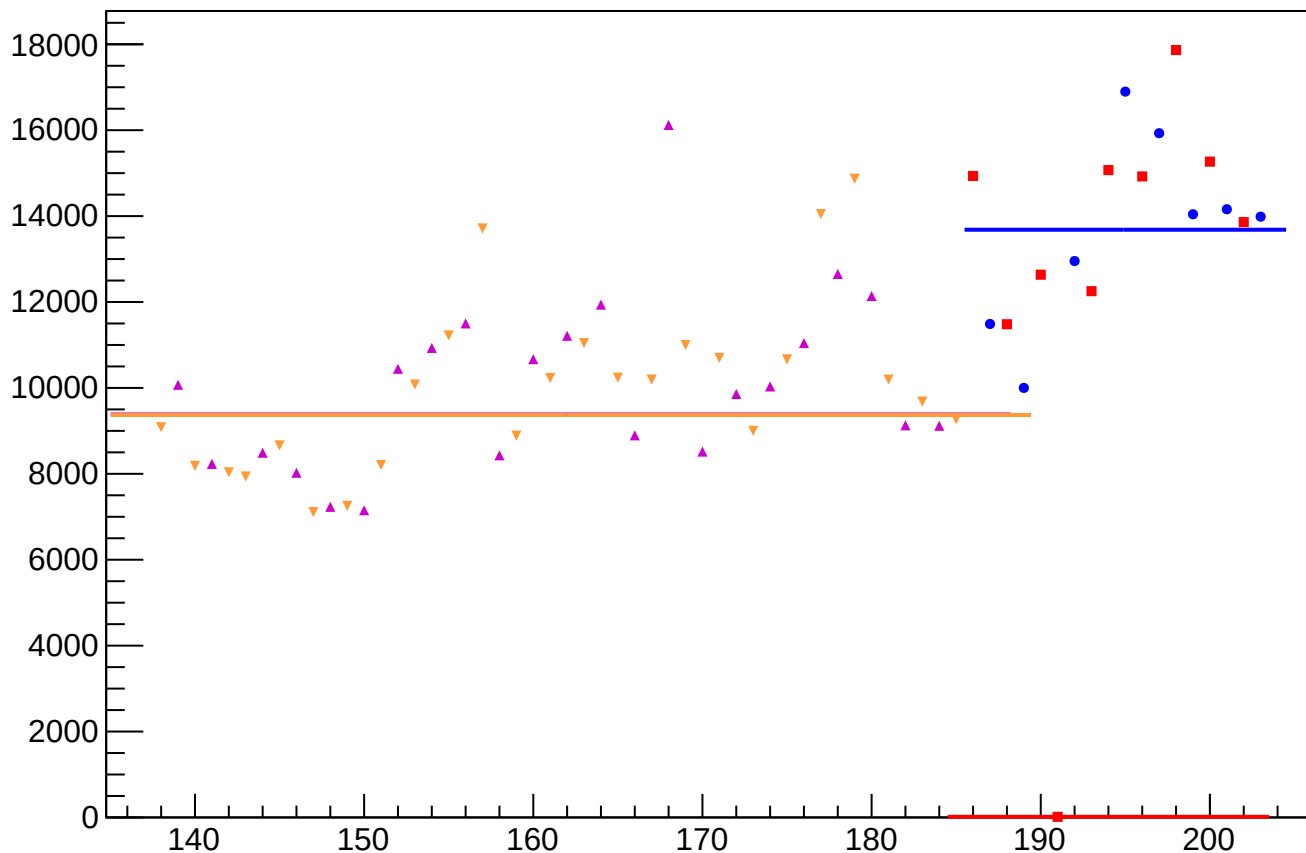
Left In: 25.729 ± 2280.428 $\chi^2/\text{NDF}: 16.1/22$

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

All: 63.174 ± 29.124 $\chi^2/\text{NDF}: 66.9/65$

- sign 63.031 ± 29.127 $\chi^2/\text{NDF}: 27.1/32$

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: 14.818+/-0.021 χ^2/NDF : 12597762.0/9

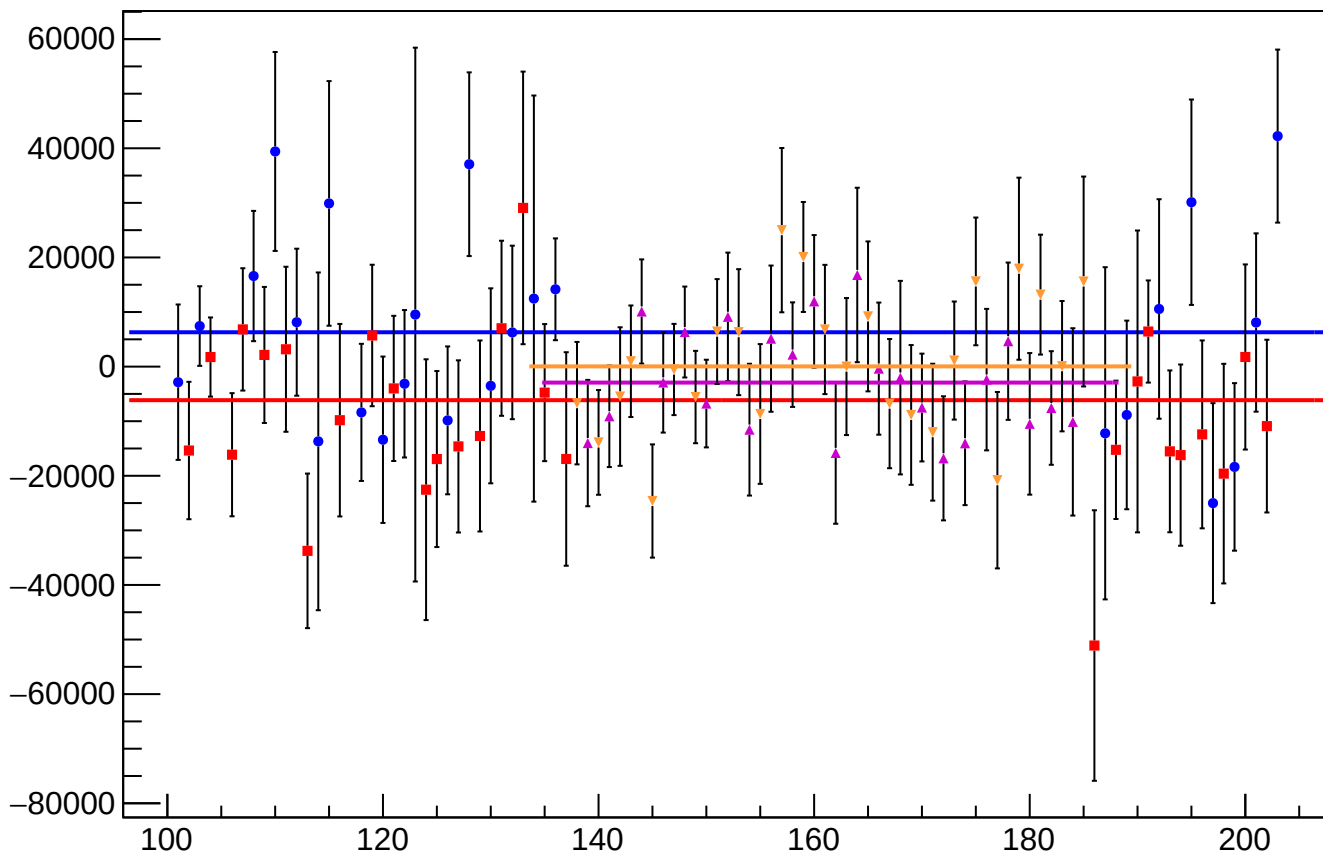
Left In: 9382.727+/-1.613 χ^2/NDF :1205648.8/22

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

All: 18.236+/-0.021 χ^2/NDF : 93740614.7/65

- sign 16.346+/-0.021 χ^2/NDF : 47548600.9/32

asym_atr2_mean vs Slug



Right In: 6295.043+/-2990.141 χ^2/NDF : 28.8/24

Left Out: 43.265+/-2290.867 χ^2/NDF : 25.9/24

Right Out: -6148.629+/-2661.491 χ^2/NDF : 21.0/27

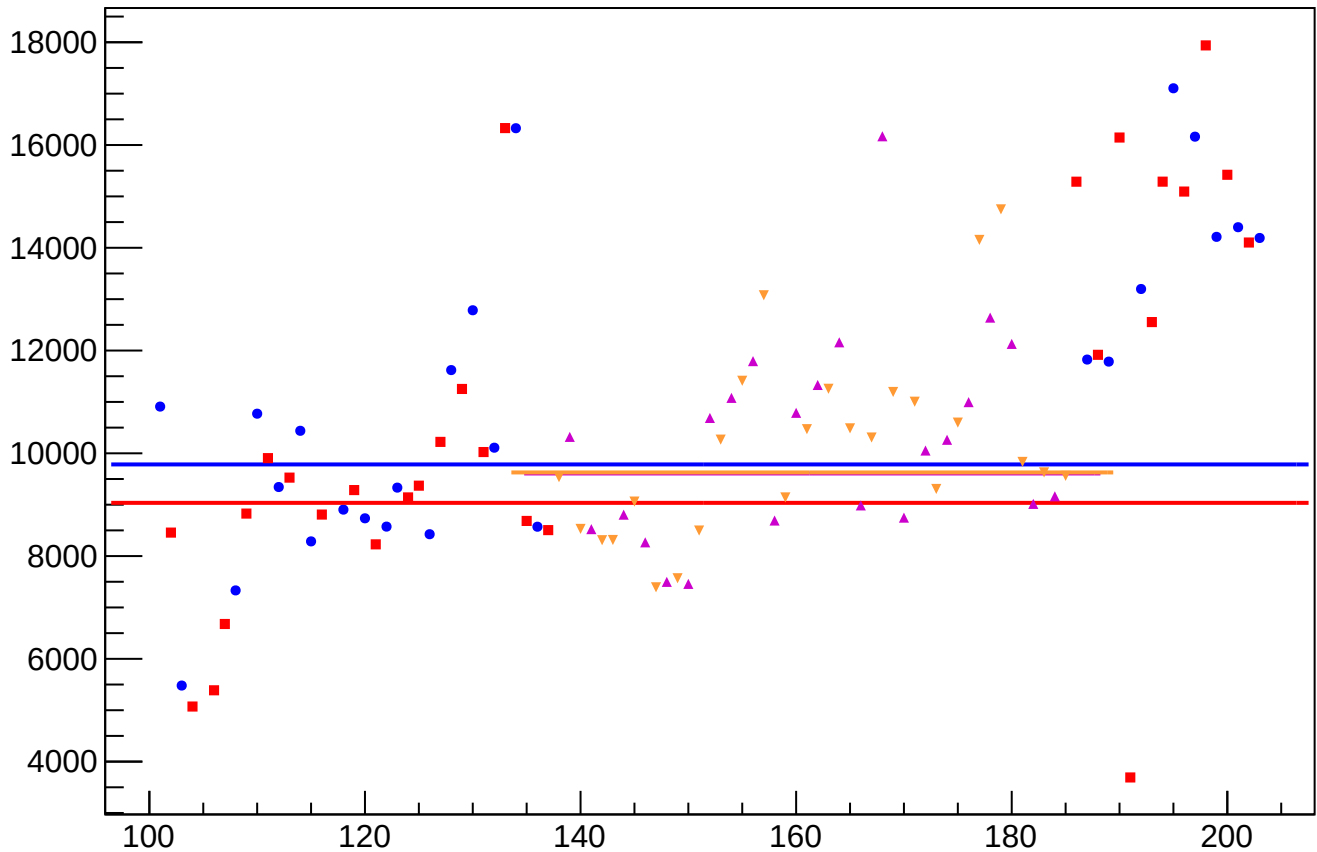
Left In: -2925.533+/-2330.587 χ^2/NDF : 14.6/22

+ sign 2355.601+/-1818.509 χ^2/NDF : 57.4/49

All: -1106.176+/-1262.218 χ^2/NDF : 100.8/100

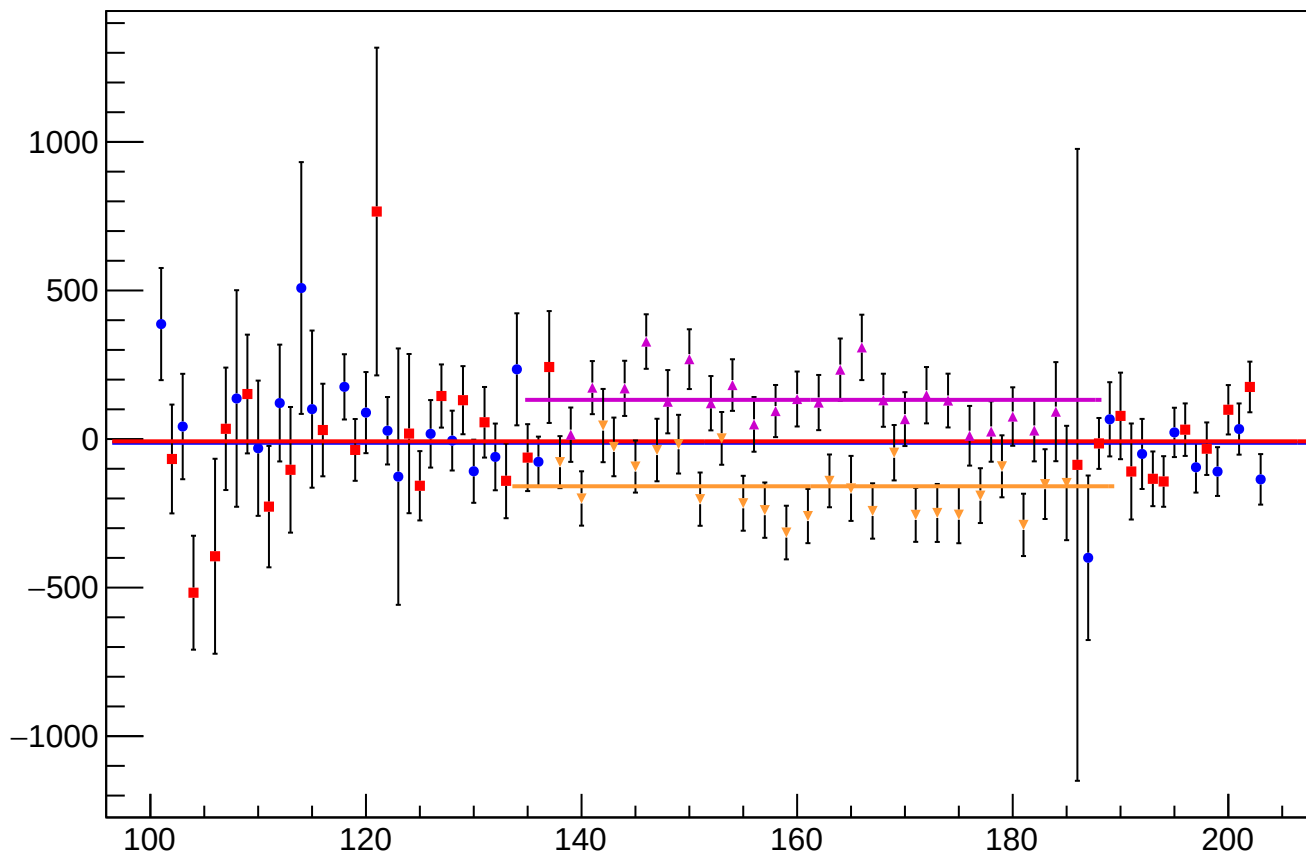
- sign -4324.369+/-1753.363 χ^2/NDF : 36.4/50

asym_atr2_rms vs Slug



Right In: 9783.627+/-2.114	χ^2/NDF : 2163586.5/24	+ sign 9685.451+/-1.286	χ^2/NDF : 3171649.7/49
Left Out: 9627.824+/-1.620	χ^2/NDF : 1004641.7/24		
Right Out: 9035.796+/-1.882	χ^2/NDF : 3682639.0/27	All: 9516.478+/-0.893	χ^2/NDF : 8025318.0/10
Left In: 9607.553+/-1.648	χ^2/NDF : 1085465.7/22	- sign 9359.399+/-1.240	χ^2/NDF : 4820348.3/50

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: -7.661 ± 23.518 χ^2/NDF : 32.9/27

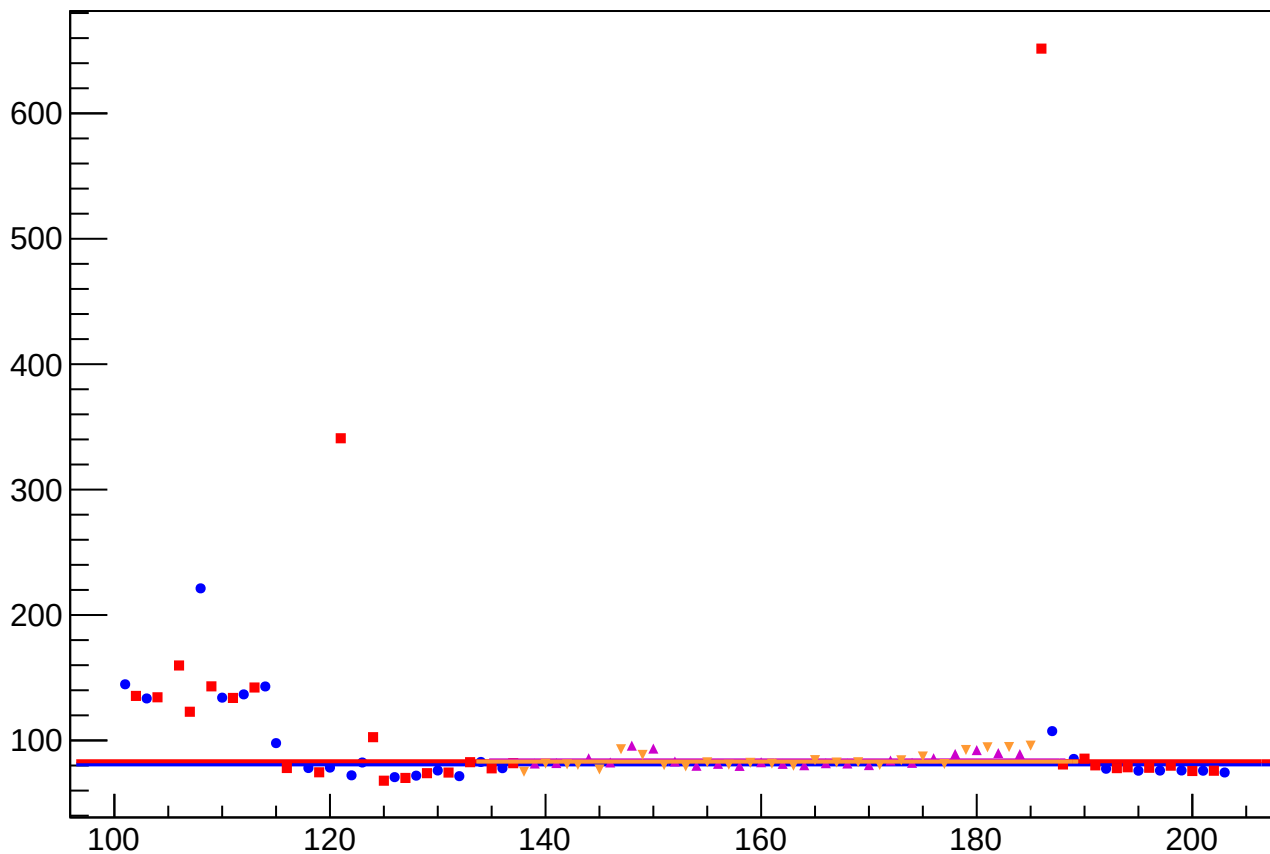
Left In: 131.879 ± 20.076 χ^2/NDF : 17.8/22

+ sign -101.312 ± 15.146 χ^2/NDF : 69.4/49

All: -14.833 ± 10.753 χ^2/NDF : 206.2/100

- sign 73.060 ± 15.269 χ^2/NDF : 71.1/50

dit_asym_sam1_rms vs Slug



Right In: 80.891+/-0.017 χ^2/NDF : 1151842.6/24

Left Out: 83.126+/-0.014 χ^2/NDF : 138741.0/24

Right Out: 83.396+/-0.017 χ^2/NDF : 2131605.4/27

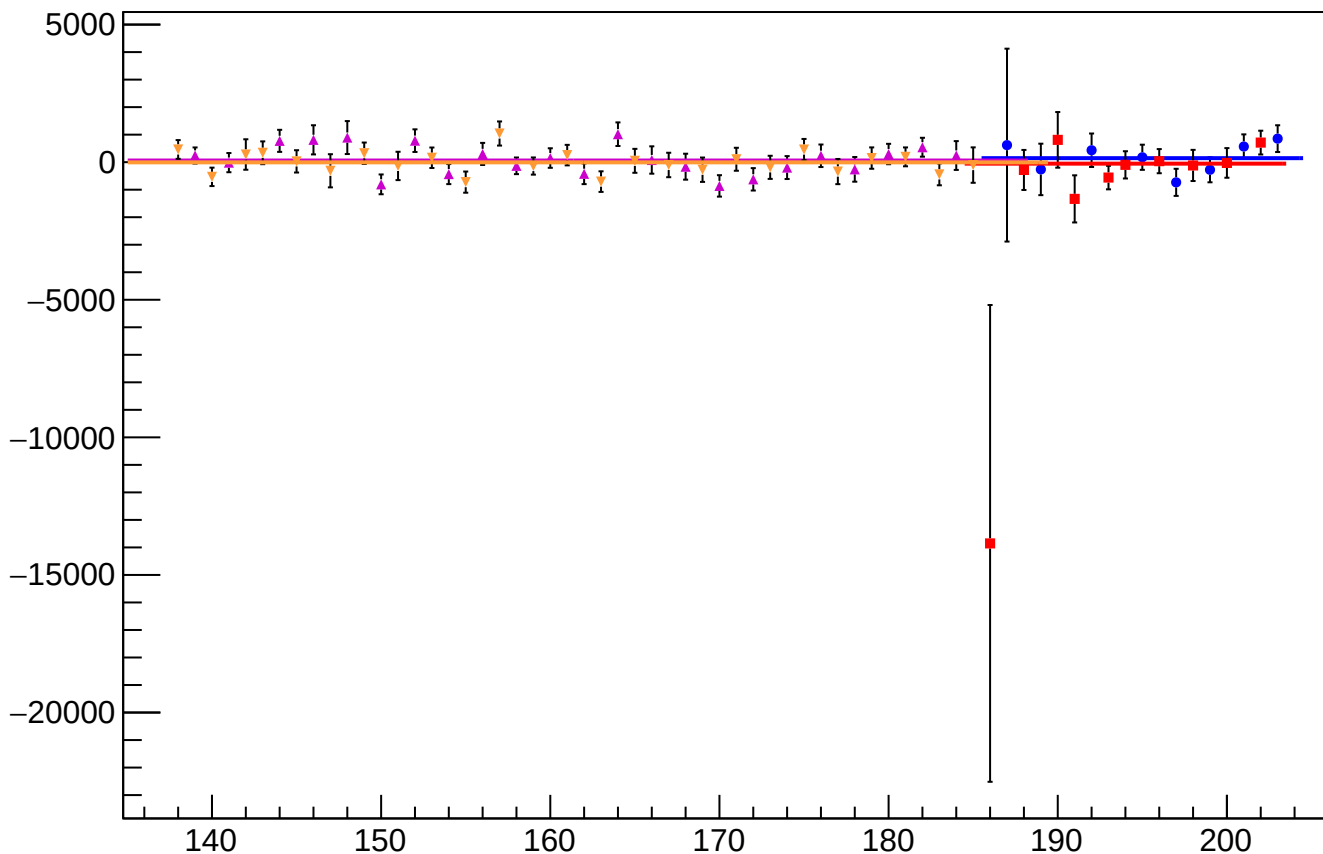
Left In: 84.108+/-0.014 χ^2/NDF : 96934.3/22

+ sign 82.246+/-0.011 χ^2/NDF : 1300981.8/49

All: 83.021+/-0.008 χ^2/NDF : 3541134.7/100

- sign 83.808+/-0.011 χ^2/NDF : 2229600.0/50

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: -53.464+/-179.885 χ^2/NDF : 10.2/9

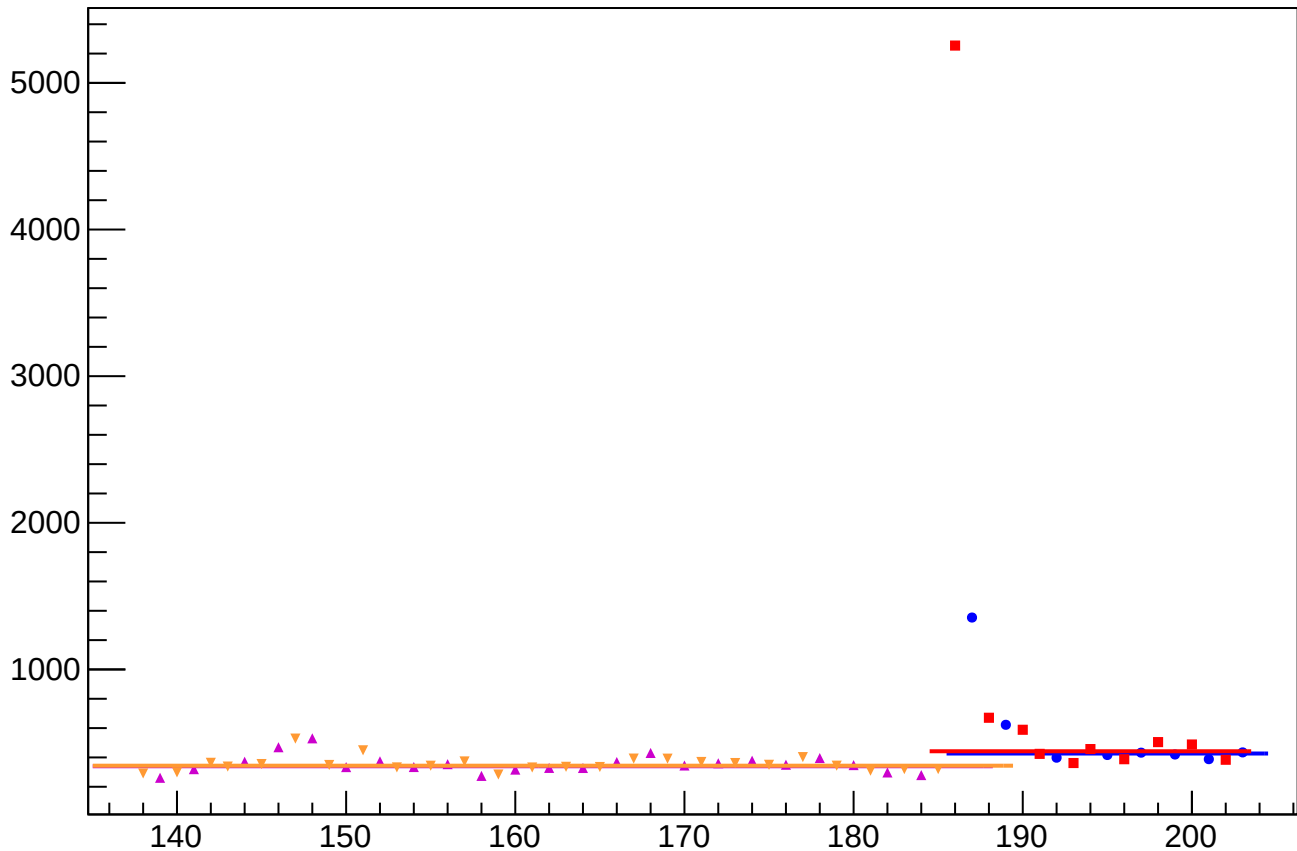
Left In: 59.971+/-82.046 χ^2/NDF : 38.0/22

+ sign 16.385+/-74.760 χ^2/NDF : 32.4/32

All: 28.429+/-52.824 χ^2/NDF : 81.0/65

- sign 40.437+/-74.648 χ^2/NDF : 48.5/32

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: 442.079 $\pm$ 0.127 χ^2 /NDF: 1035013.2/9

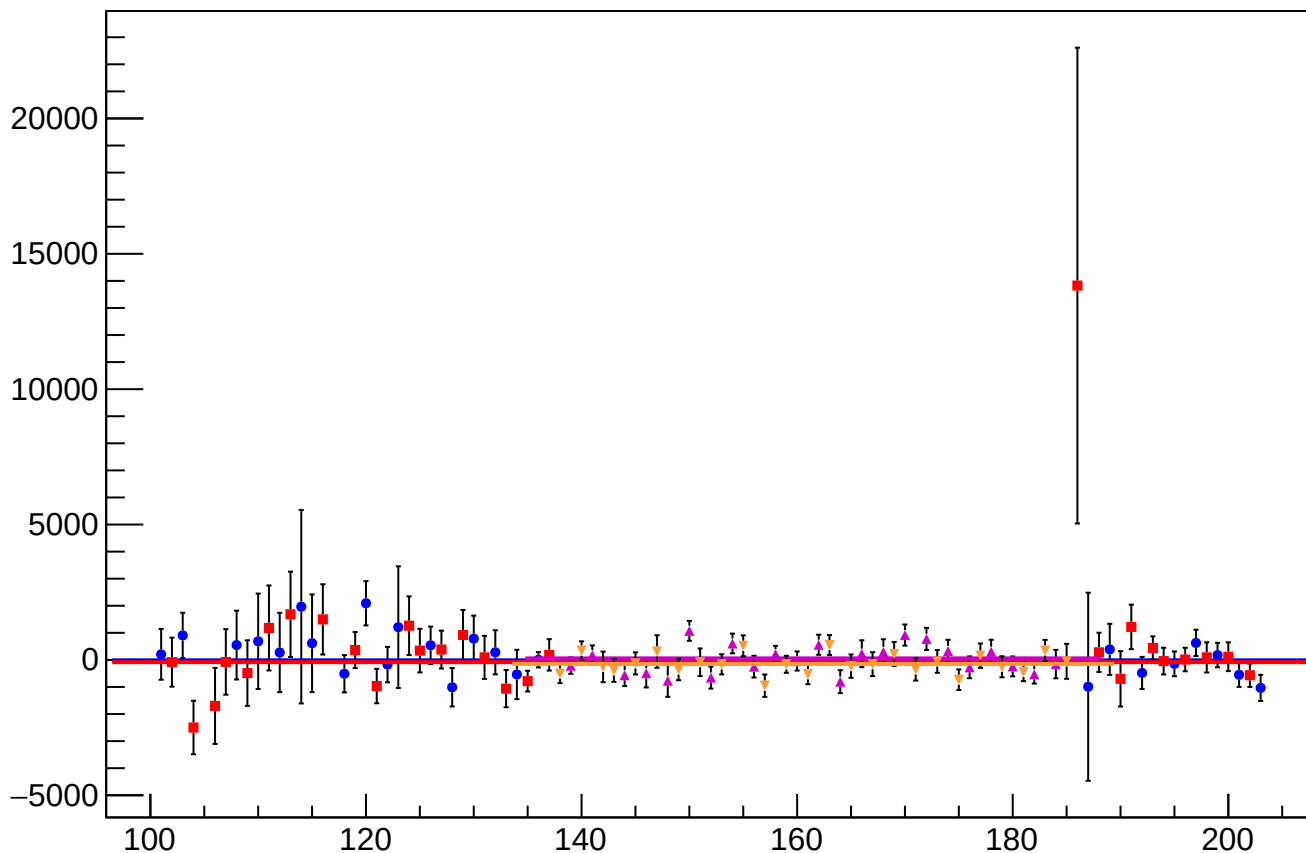
Left In: 339.804 $\pm$ 0.058 χ^2 /NDF: 799750.5/22

+ sign 356.169 $\pm$ 0.053 χ^2 /NDF: 1137298.6/32

All: 356.793 $\pm$ 0.037 χ^2 /NDF: 3507530.5/65

- sign 357.416 $\pm$ 0.053 χ^2 /NDF: 2369952.9/32

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: -83.029 ± 128.350 χ^2/NDF : 30.9/27

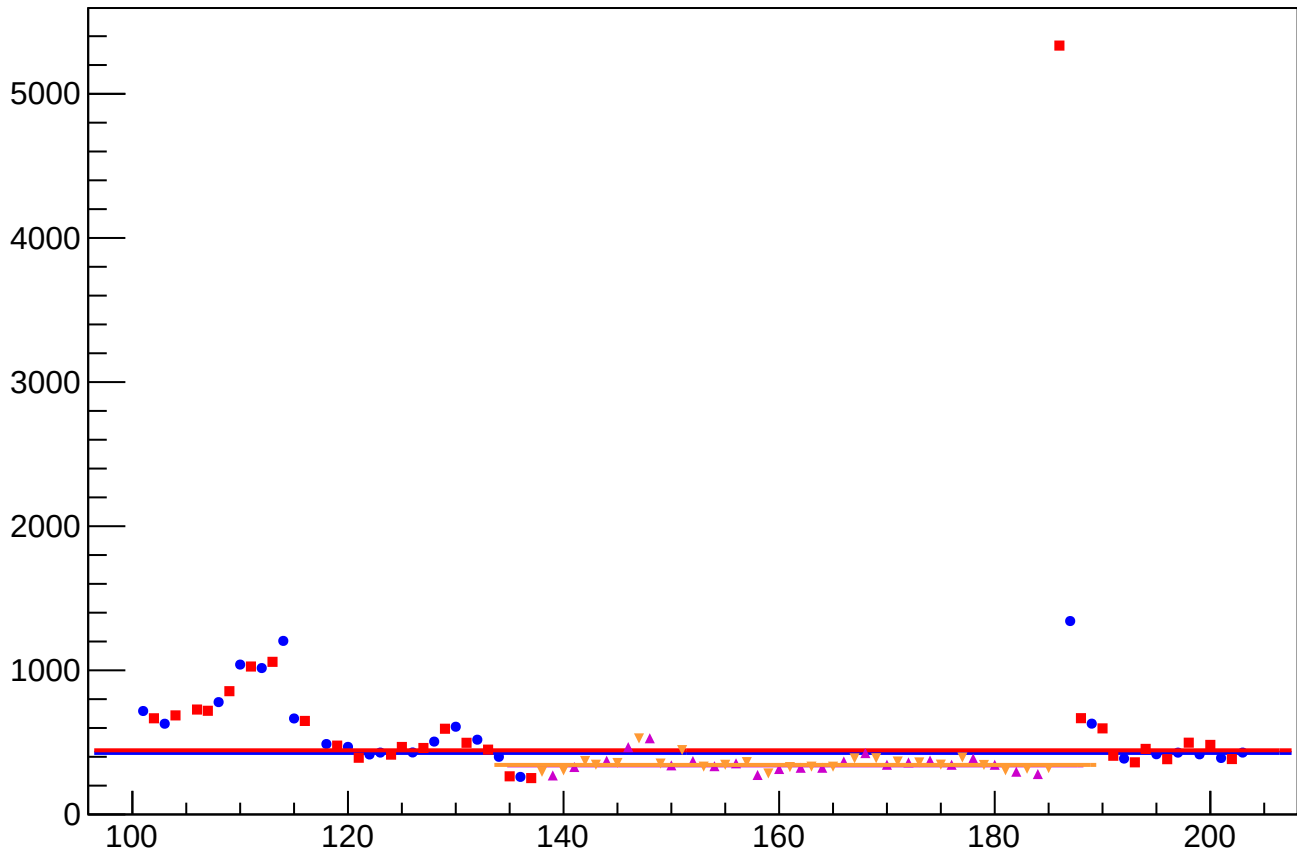
Left In: 56.402 ± 82.155 χ^2/NDF : 39.7/22

+ sign -112.106 ± 68.884 χ^2/NDF : 45.1/49

All: -48.401 ± 48.818 χ^2/NDF : 118.3/100

- sign 15.879 ± 69.194 χ^2/NDF : 71.5/50

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: 445.089 $\pm$ 0.091 χ^2 /NDF: 3071720.4/27

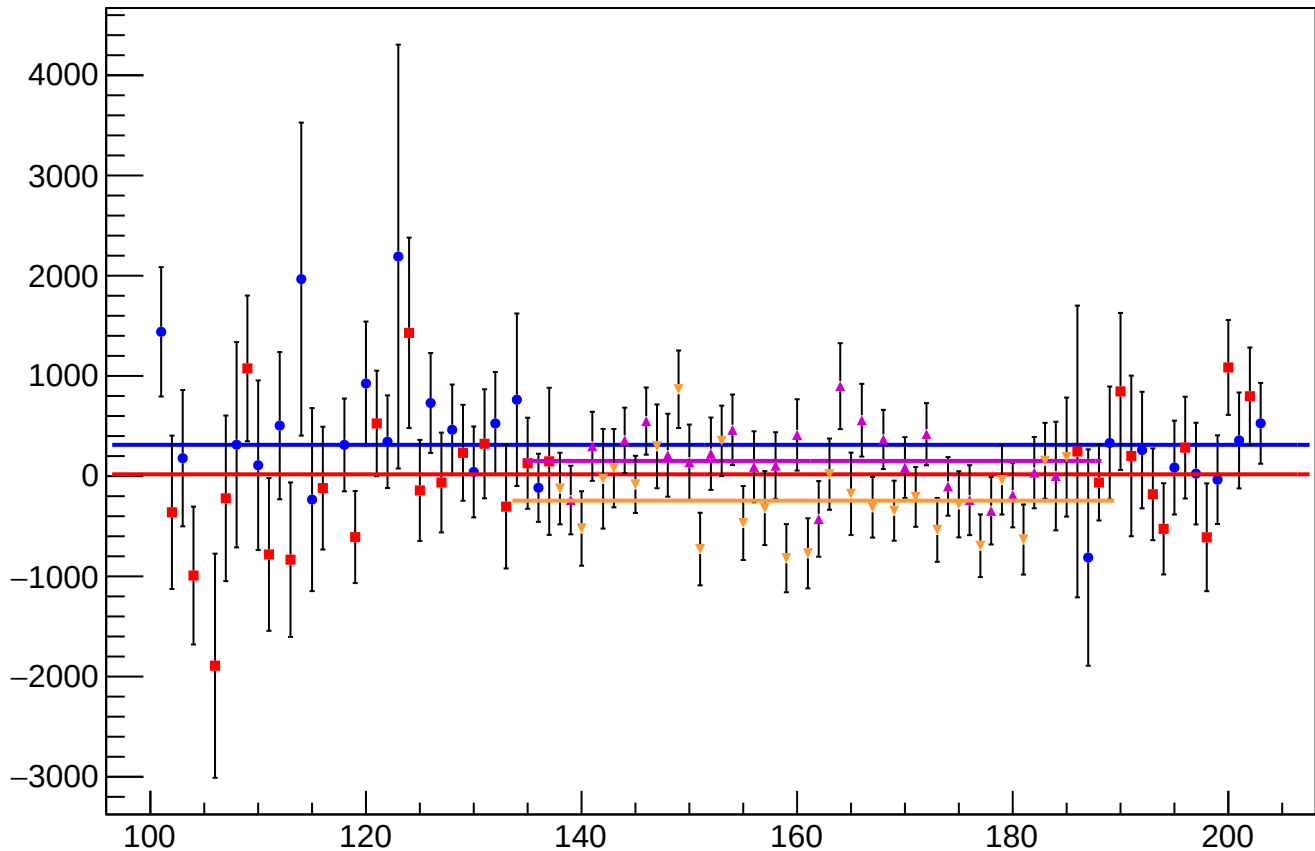
Left In: 340.519 $\pm$ 0.058 χ^2 /NDF: 737049.6/22

+ sign 366.817 $\pm$ 0.049 χ^2 /NDF: 3390713.1/49

All: 368.855 $\pm$ 0.035 χ^2 /NDF: 8144713.6/100

- sign 370.911 $\pm$ 0.049 χ^2 /NDF: 4750484.4/50

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: 18.404 ± 108.587 χ^2/NDF : 28.0/27

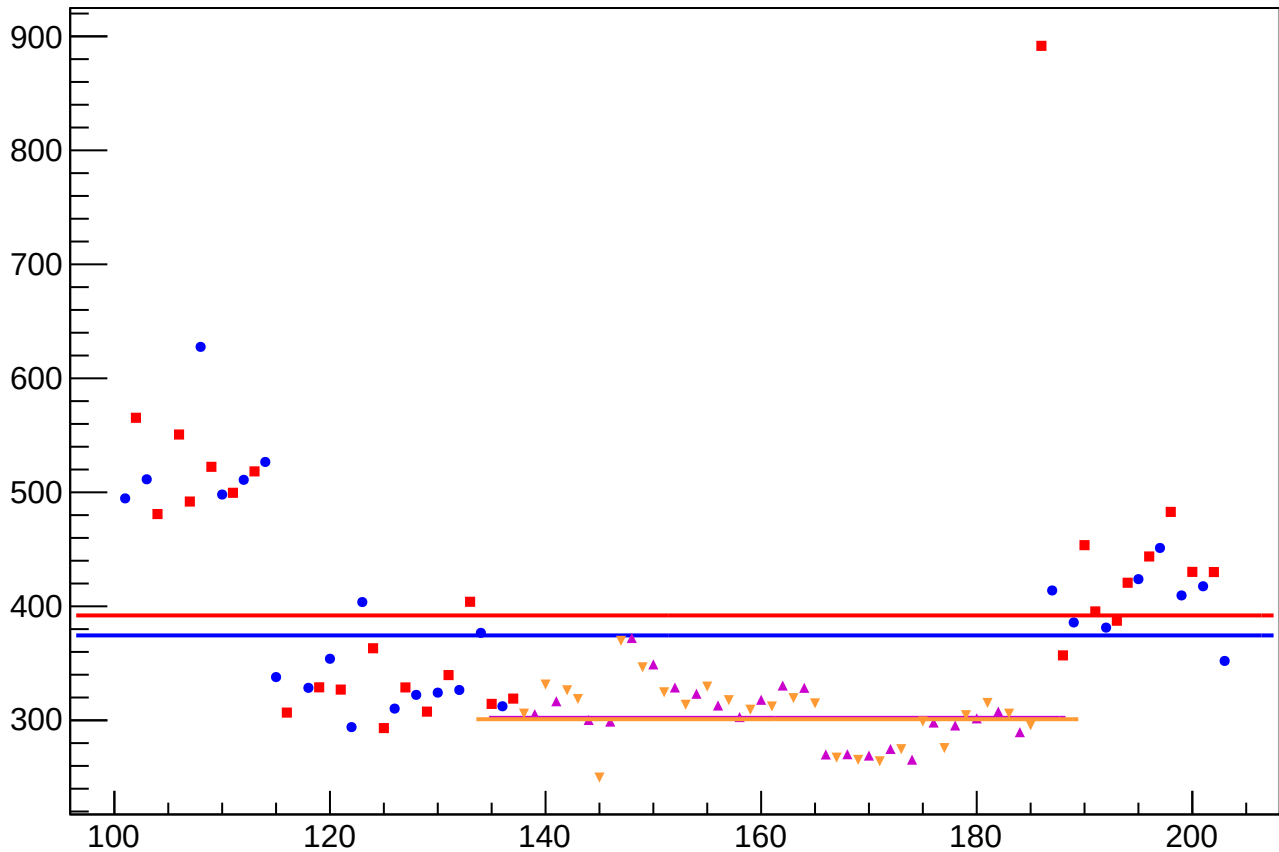
Left In: 152.030 ± 72.312 χ^2/NDF : 18.2/22

+ sign -83.869 ± 59.589 χ^2/NDF : 59.0/49

All: 12.581 ± 42.346 χ^2/NDF : 111.6/100

- sign 110.977 ± 60.187 χ^2/NDF : 47.2/50

dit_asym_sam2_rms vs Slug



Right In: 374.471 ± 0.078 χ^2/NDF : 764701.5/24

Left Out: 300.961 ± 0.050 χ^2/NDF : 322200.5/24

Right Out: 392.002 ± 0.077 χ^2/NDF : 1117625.8/27

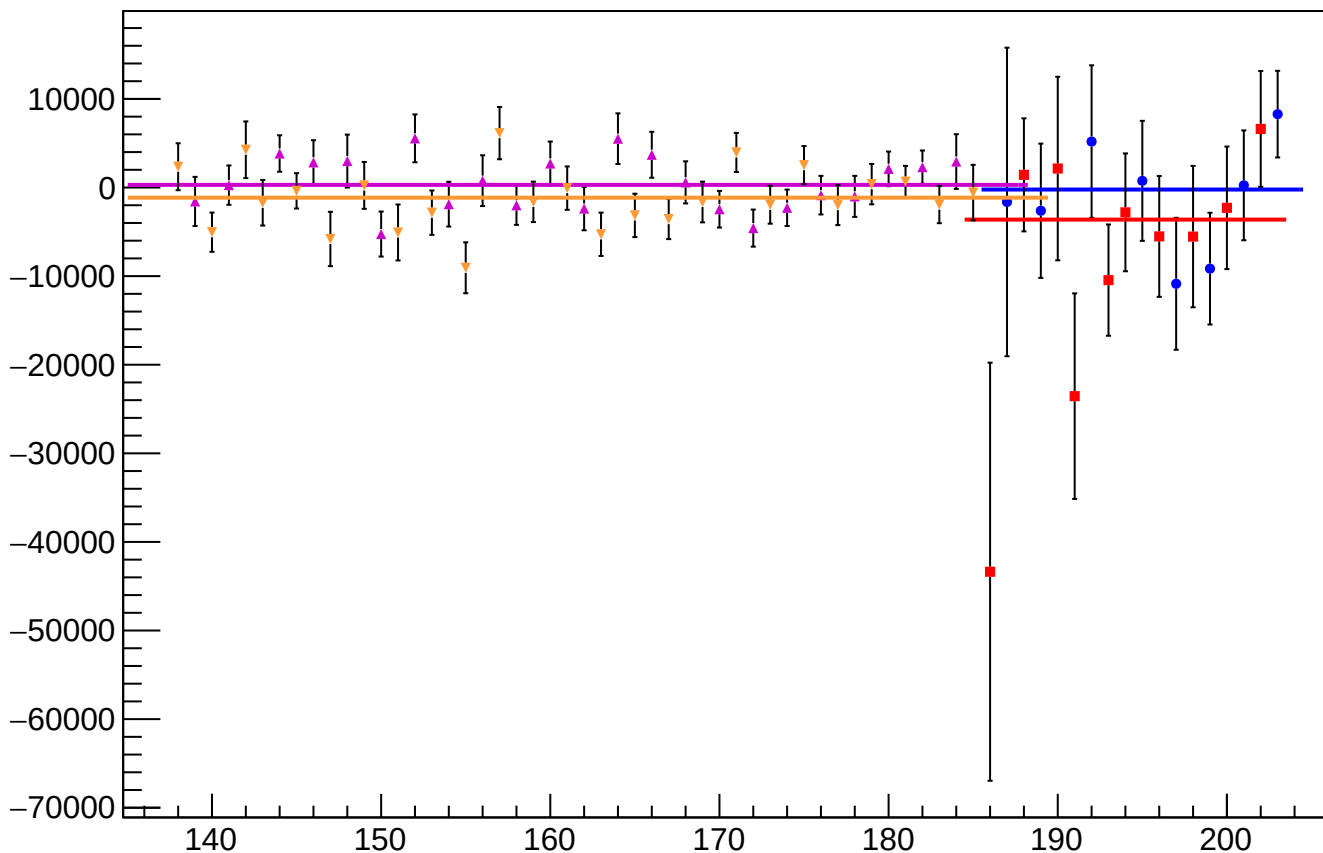
Left In: 302.180 ± 0.051 χ^2/NDF : 247468.9/22

+ sign 322.155 ± 0.042 χ^2/NDF : 1711427.0/49

All: 325.927 ± 0.030 χ^2/NDF : 4040771.2/100

- sign 329.775 ± 0.043 χ^2/NDF : 2313155.2/50

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: -3619.809 ± 2407.140 χ^2/NDF : 10.5/9

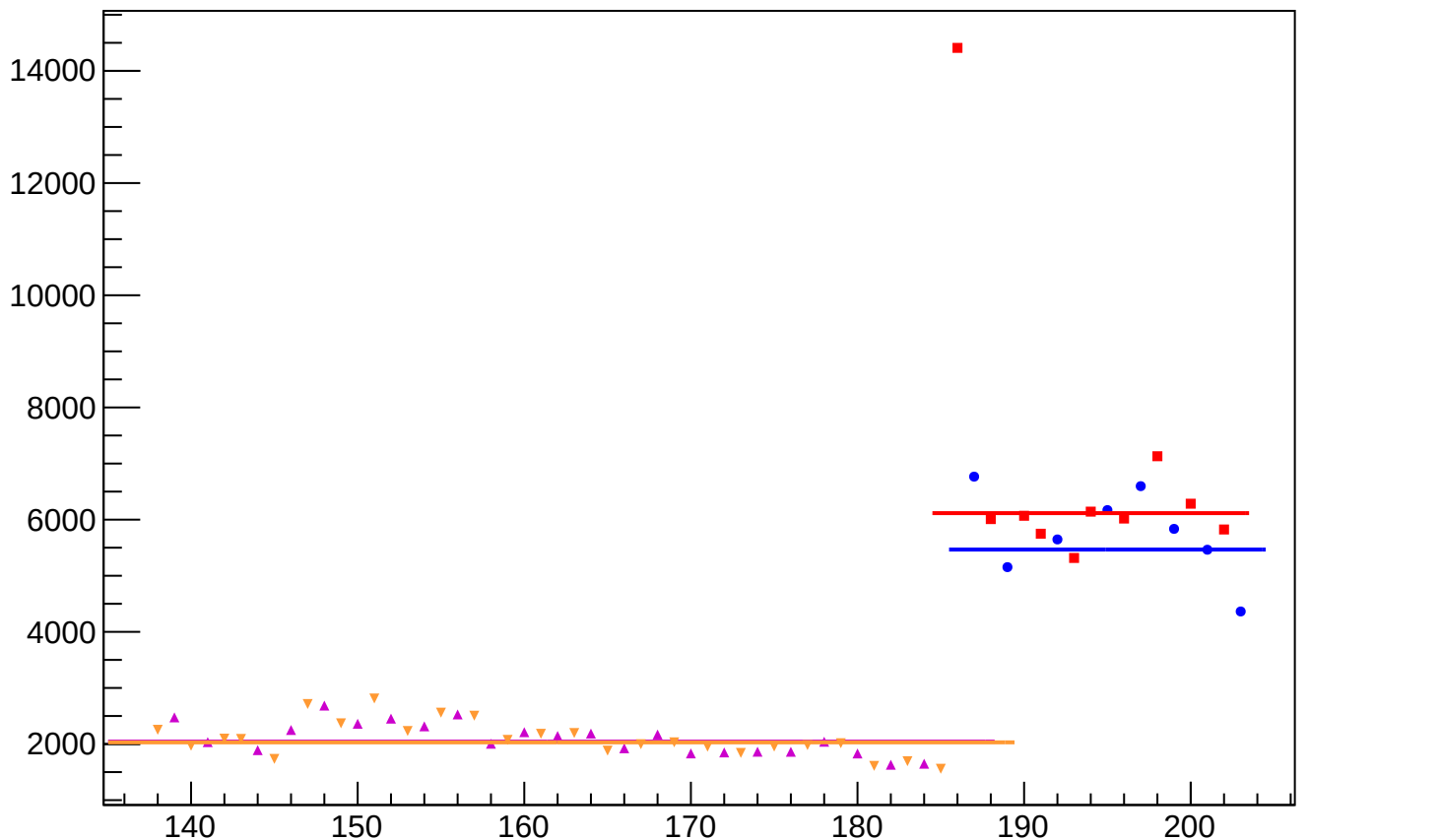
Left In: 298.915 ± 491.476 χ^2/NDF : 35.0/22

+ sign -1112.414 ± 470.974 χ^2/NDF : 49.0/32

All: -499.077 ± 336.703 χ^2/NDF : 100.5/65

- sign 142.093 ± 481.541 χ^2/NDF : 48.1/32

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: 6116.183 $\pm$ 1.702 χ^2 /NDF: 319985.0/9

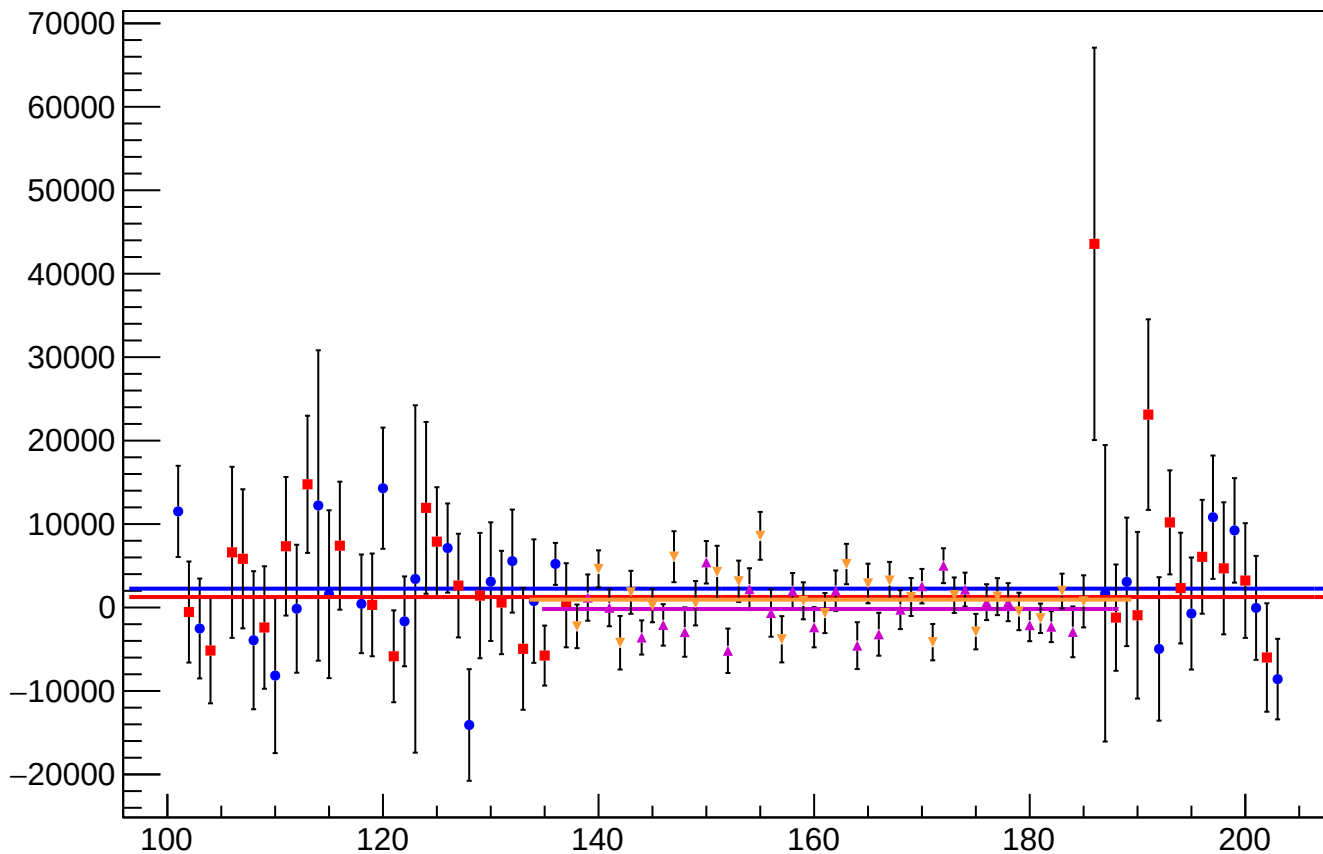
Left In: 2044.056 $\pm$ 0.348 χ^2 /NDF: 570535.5/22

+ sign 2157.533 $\pm$ 0.333 χ^2 /NDF: 4694517.4/32

All: 2181.727 $\pm$ 0.238 χ^2 /NDF: 11090389.2/6

- sign 2207.018 $\pm$ 0.341 χ^2 /NDF: 6385077.5/32

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: 1255.624 $\pm$ 1276.757 χ^2 /NDF: 25.4/27

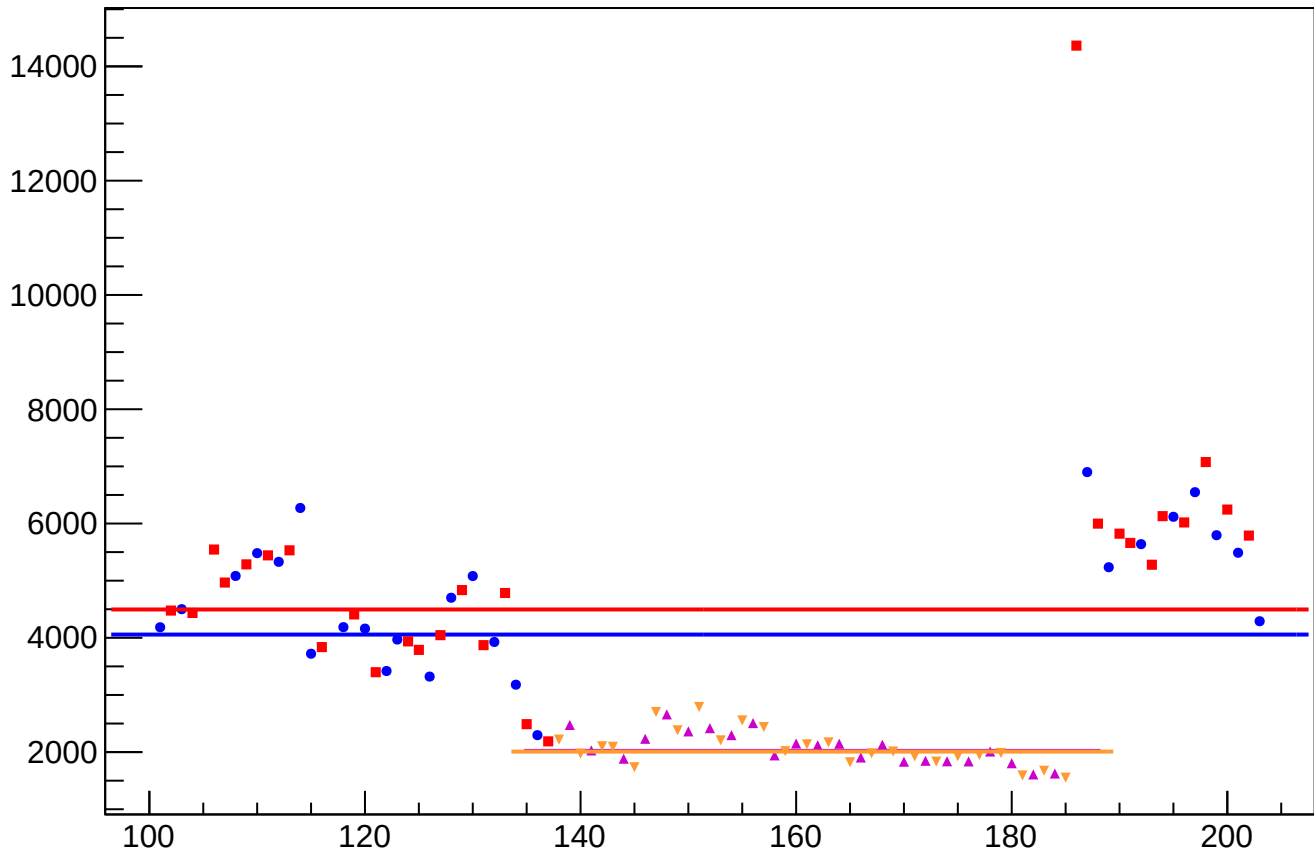
Left In: -180.087 $\pm$ 486.112 χ^2 /NDF:32.9/22

+ sign 1110.957 $\pm$ 443.119 χ^2 /NDF: 65.6/49

All: 570.137 $\pm$ 317.211 χ^2 /NDF: 128.1/100

- sign 1.686 $\pm$ 454.297 χ^2 /NDF: 59.5/50

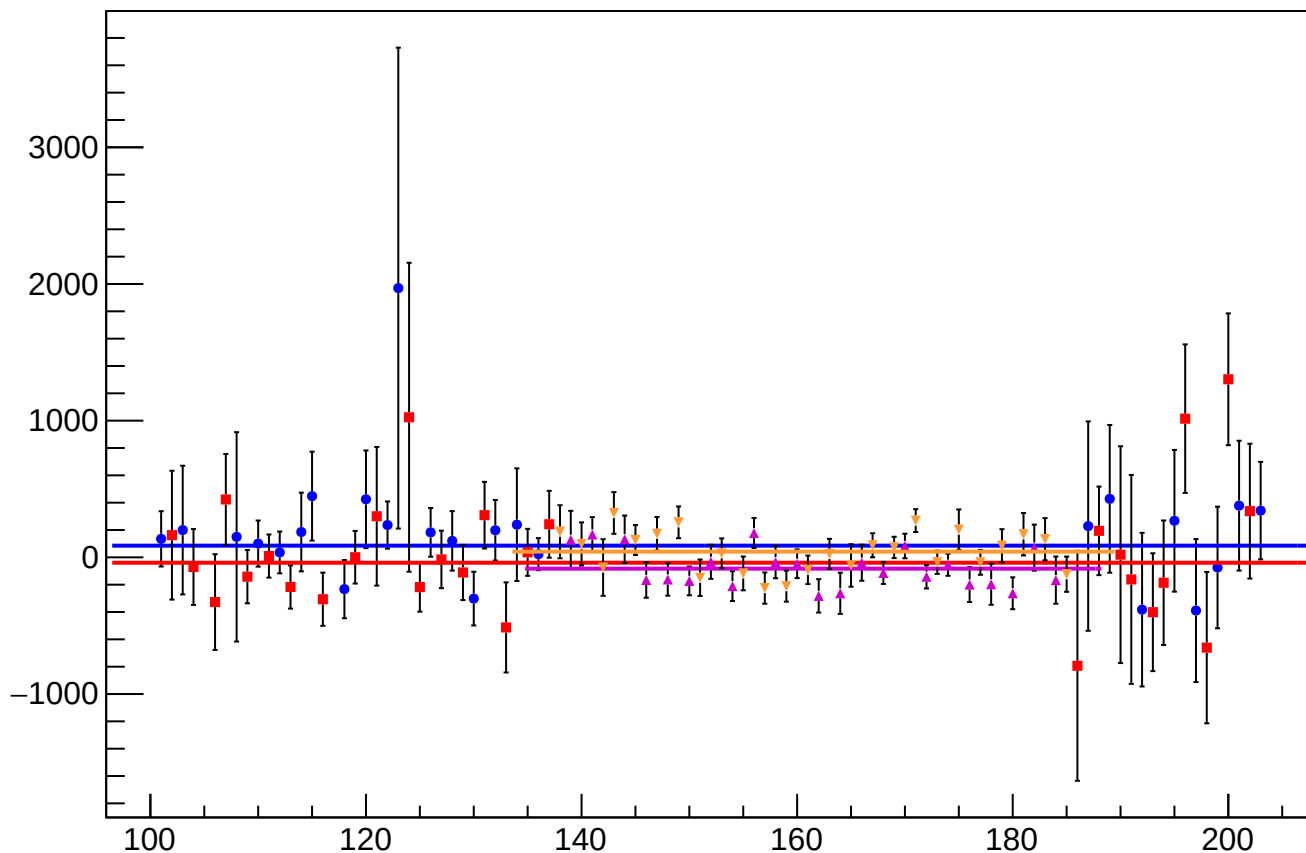
asym_sam2_rms vs Slug



Right In: 4056.857 $\pm$ 0.877 χ^2 /NDF: 2160322.2/24
 Left Out: 2008.897 $\pm$ 0.335 χ^2 /NDF: 709254.4/24
 Right Out: 4496.131 $\pm$ 0.903 χ^2 /NDF: 2506880.1/27
 Left In: 2020.887 $\pm$ 0.344 χ^2 /NDF: 576363.5/22

+ sign 2270.363 $\pm$ 0.313 χ^2 /NDF: 7627373.7/49
 All: 2301.523 $\pm$ 0.224 χ^2 /NDF: 17296257.4/17
 - sign 2334.275 $\pm$ 0.321 χ^2 /NDF: 9648598.8/50

dit_asym_sam3_mean vs Slug



Right In: 85.559 $\pm$ 49.742 χ^2 /NDF: 14.6/24

Left Out: 41.847 $\pm$ 23.035 χ^2 /NDF: 39.1/24

Right Out: -39.305 $\pm$ 50.427 χ^2 /NDF: 30.0/27

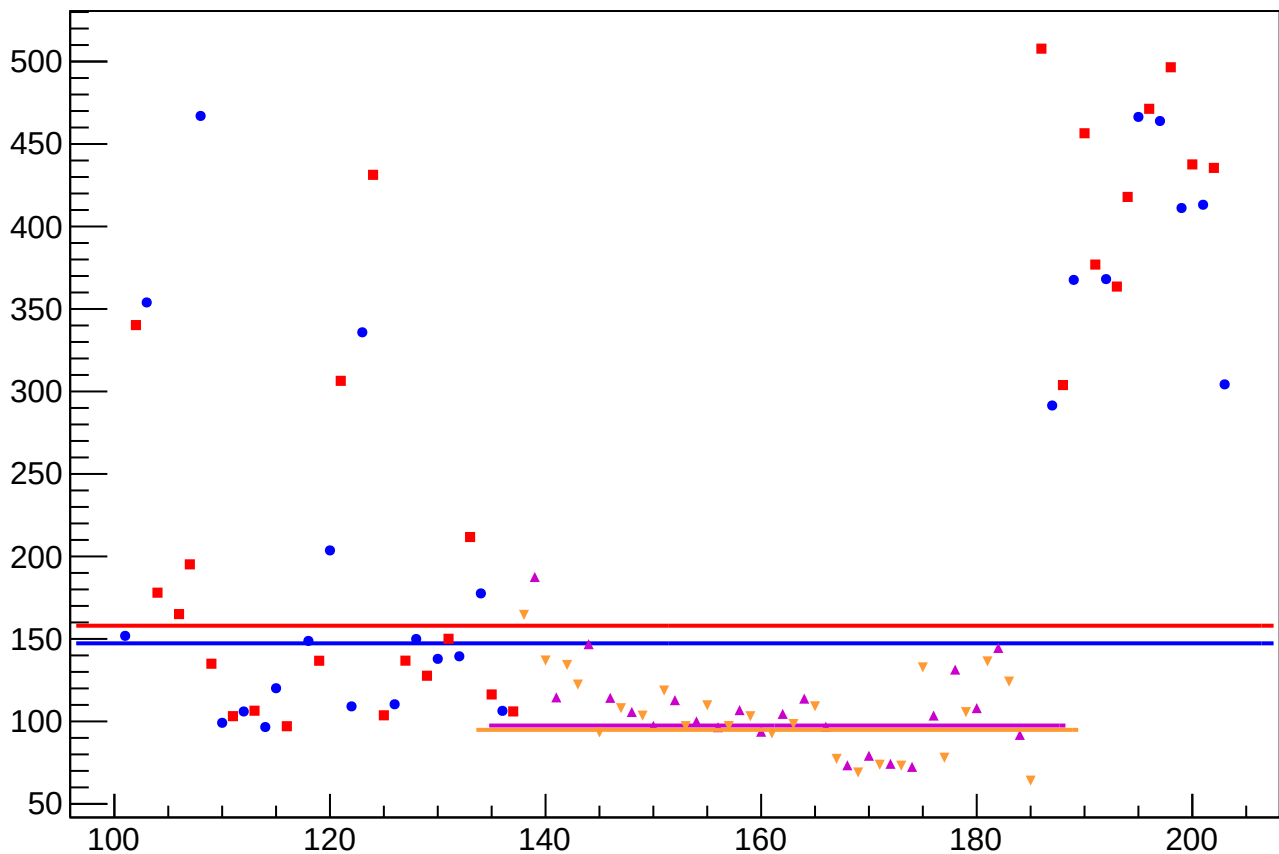
Left In: -82.630 $\pm$ 24.154 χ^2 /NDF: 28.6/22

+ sign 49.566 $\pm$ 20.903 χ^2 /NDF: 54.4/49

All: -9.929 $\pm$ 15.082 χ^2 /NDF: 130.4/100

- sign -74.545 $\pm$ 21.784 χ^2 /NDF: 59.2/50

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: 158.013 $\pm$ 0.036 χ^2 /NDF: 6857294.8/27

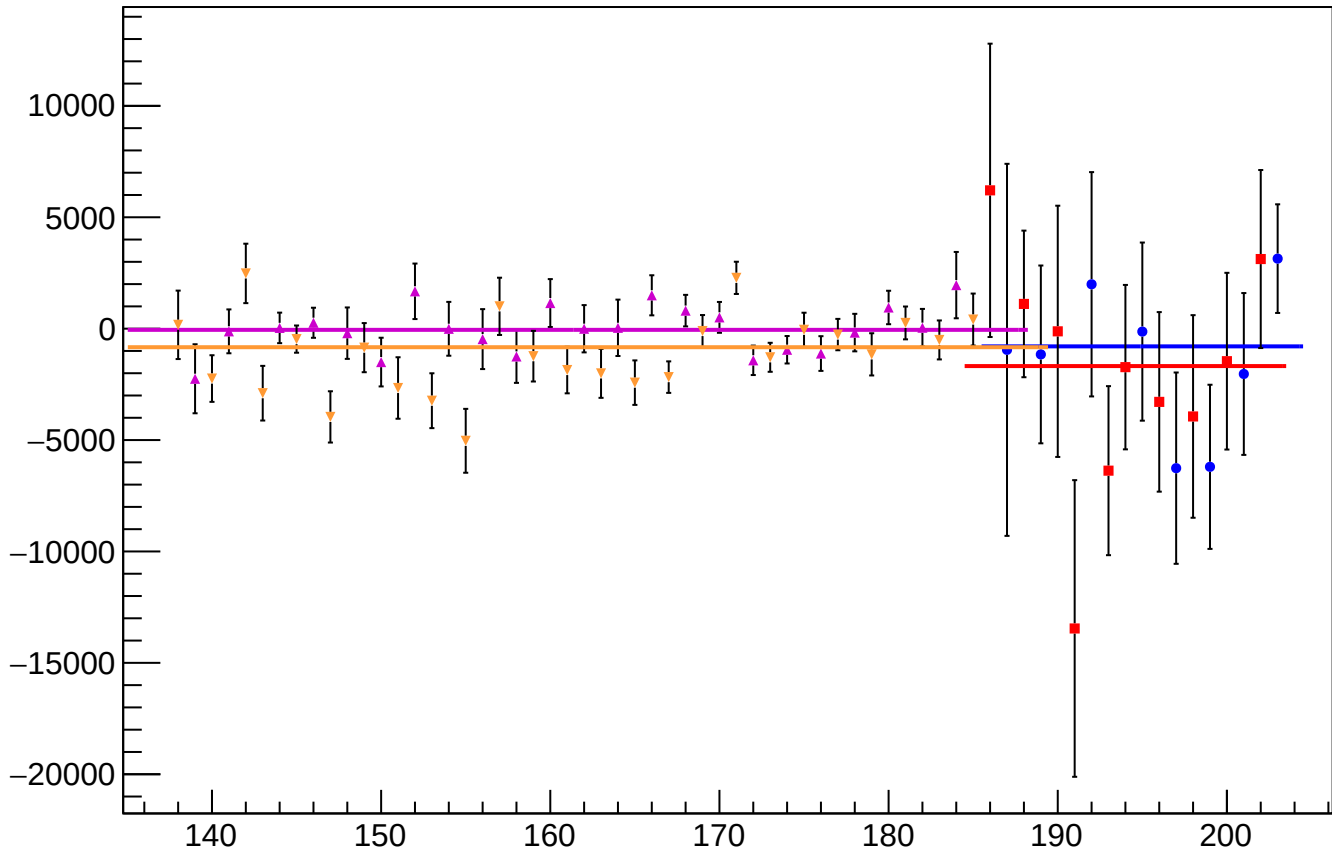
Left In: 97.499 $\pm$ 0.017 χ^2 /NDF:1561333.1/22

+ sign 104.147 $\pm$ 0.015 χ^2 /NDF: 9184926.1/49

All: 106.373 $\pm$ 0.011 χ^2 /NDF: 19993566.4/10

- sign 108.791 $\pm$ 0.015 χ^2 /NDF: 10761306.3/50

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: -1679.370 ± 1350.194 χ^2/NDF : 8.7/9

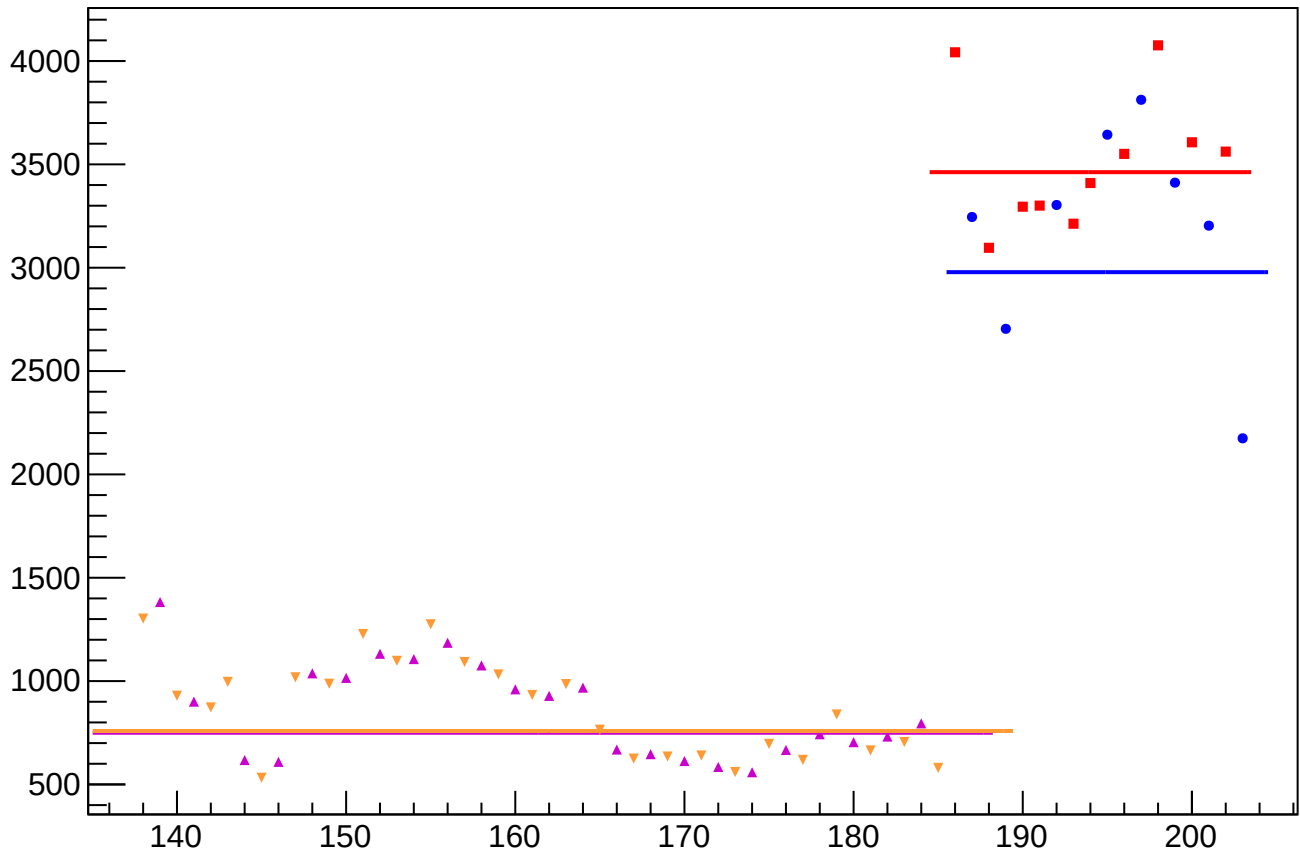
Left In: -53.006 ± 184.870 χ^2/NDF : 25.3/22

+ sign -831.885 ± 182.268 χ^2/NDF : 75.7/32

All: -459.240 ± 129.198 χ^2/NDF : 119.5/65

- sign -82.935 ± 183.161 χ^2/NDF : 35.5/32

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: 3462.335 $\pm$ 0.955 χ^2 /NDF: 93532.8/9

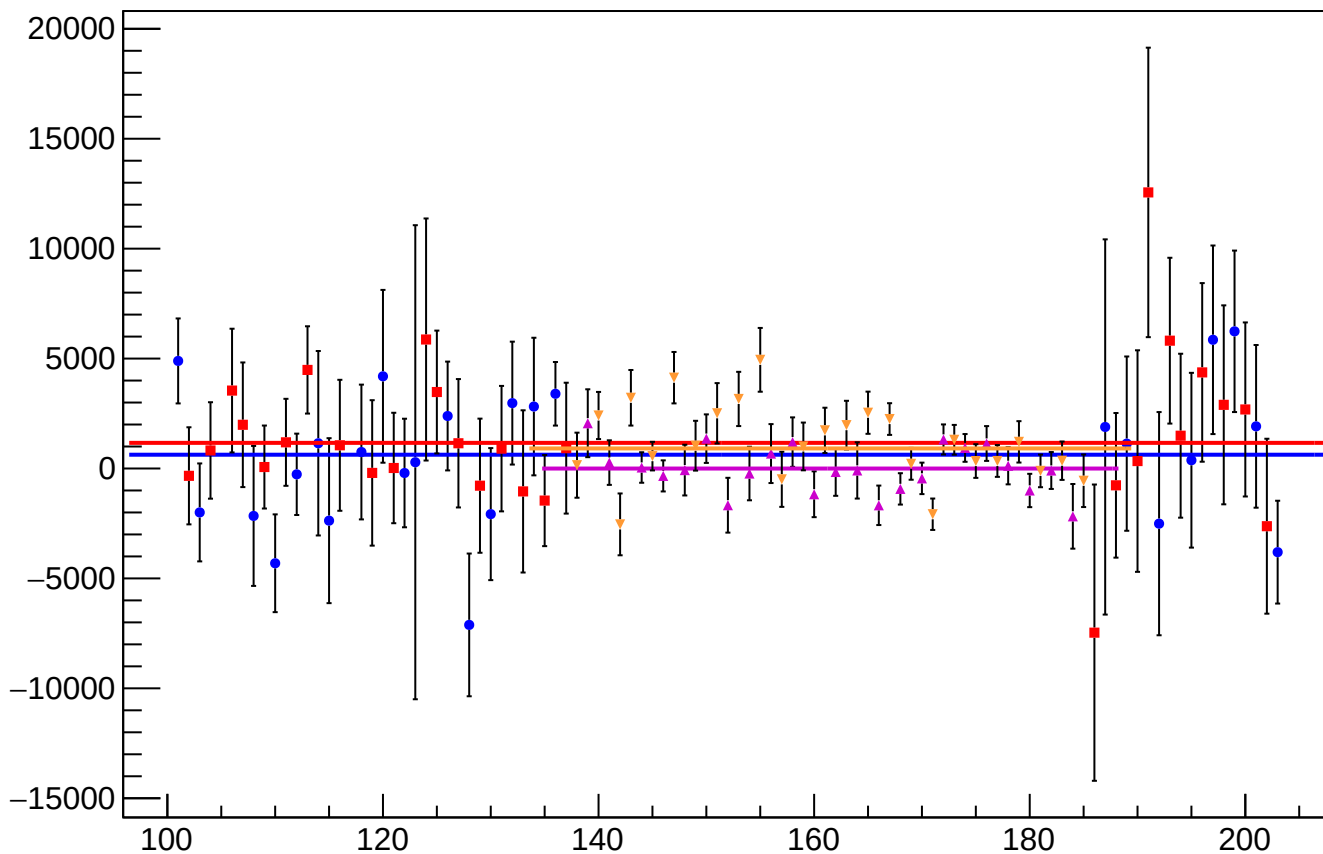
Left In: 749.995 $\pm$ 0.131 χ^2 /NDF:2186634.5/22

+ sign 799.252 $\pm$ 0.129 χ^2 /NDF: 8189395.4/32

All: 799.579 $\pm$ 0.091 χ^2 /NDF: 18392015.6/65

- sign 799.909 $\pm$ 0.130 χ^2 /NDF: 10202607.2/32

asym_sam3_mean vs Slug



Right In: 626.584 ± 561.202 χ^2/NDF : 33.6/24

Left Out: 911.919 ± 186.104 χ^2/NDF : 64.9/24

Right Out: 1165.746 ± 550.518 χ^2/NDF : 17.0/27

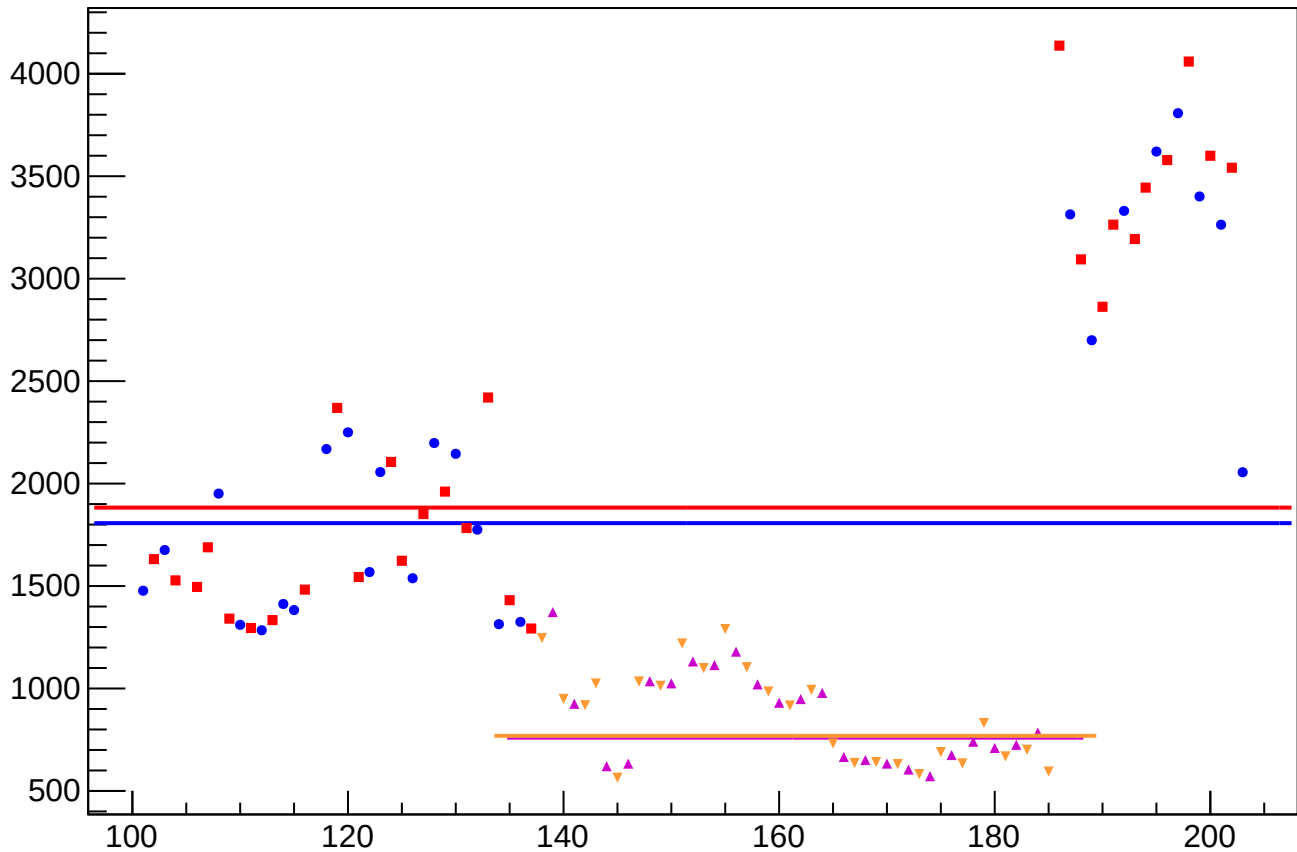
Left In: -2.470 ± 187.271 χ^2/NDF : 25.6/22

+ sign 883.650 ± 176.645 χ^2/NDF : 98.8/49

All: 502.574 ± 125.136 χ^2/NDF : 154.7/100

- sign 118.693 ± 177.294 χ^2/NDF : 46.6/50

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: 1882.797 $\pm$ 0.389 χ^2 /NDF: 3762347.5/27

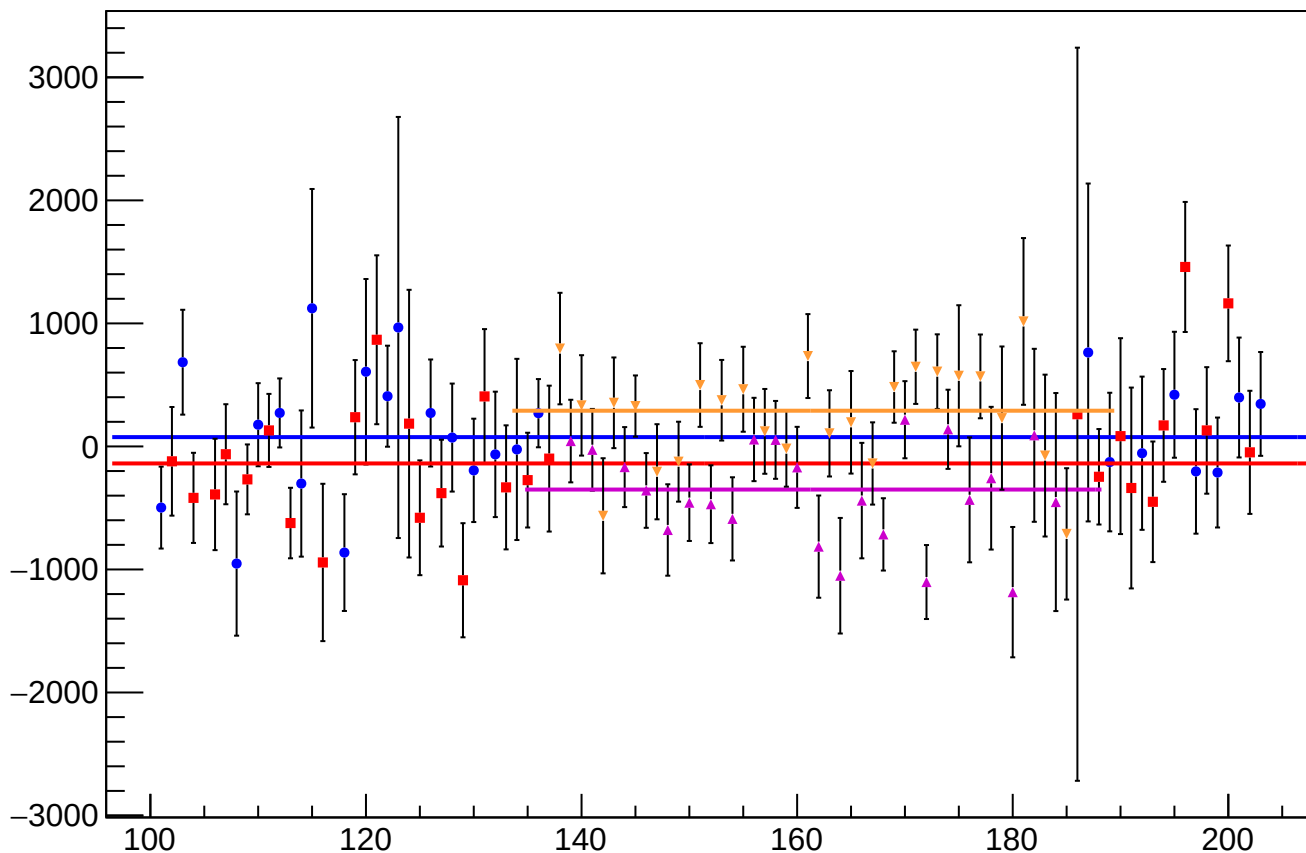
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ sign 872.021 $\pm$ 0.125 χ^2 /NDF: 11135923.3/49

All: 874.199 $\pm$ 0.088 χ^2 /NDF: 24370950.5/10

- sign 876.393 $\pm$ 0.125 χ^2 /NDF: 13234416.8/50

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: -138.287 ± 85.900 $\chi^2/\text{NDF}: 34.1/27$

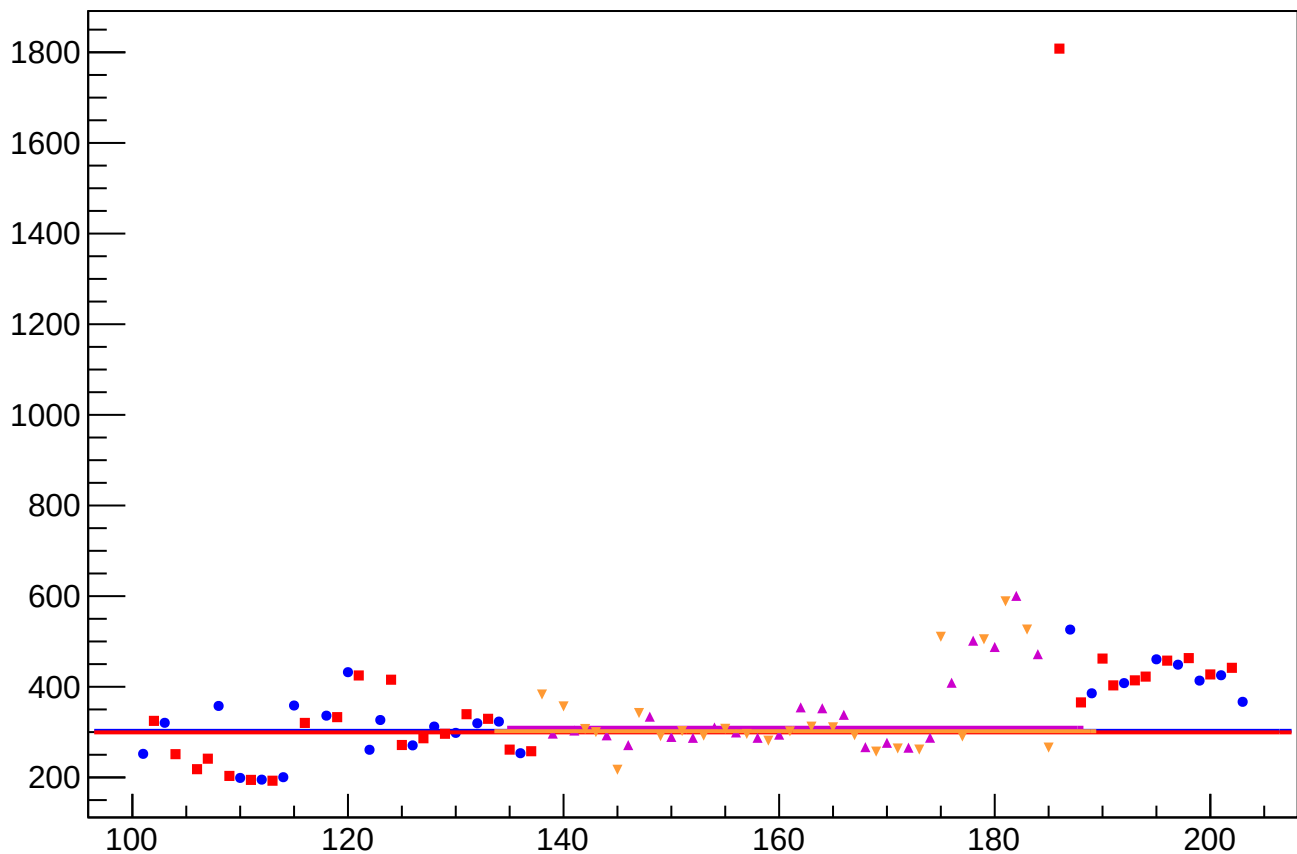
Left In: -350.522 ± 75.911 $\chi^2/\text{NDF}: 27.4/22$

+ sign 207.154 ± 57.067 $\chi^2/\text{NDF}: 44.9/49$

All: -25.904 ± 40.287 $\chi^2/\text{NDF}: 143.1/100$

- sign -257.457 ± 56.882 $\chi^2/\text{NDF}: 64.9/50$

dit_asym_sam4_rms vs Slug



Right In: 302.756 $\pm$ 0.065 χ^2 /NDF: 1592409.0/24

Left Out: 302.040 $\pm$ 0.052 χ^2 /NDF:1597233.8/24

Right Out: 299.414 $\pm$ 0.061 χ^2 /NDF: 2693208.0/27

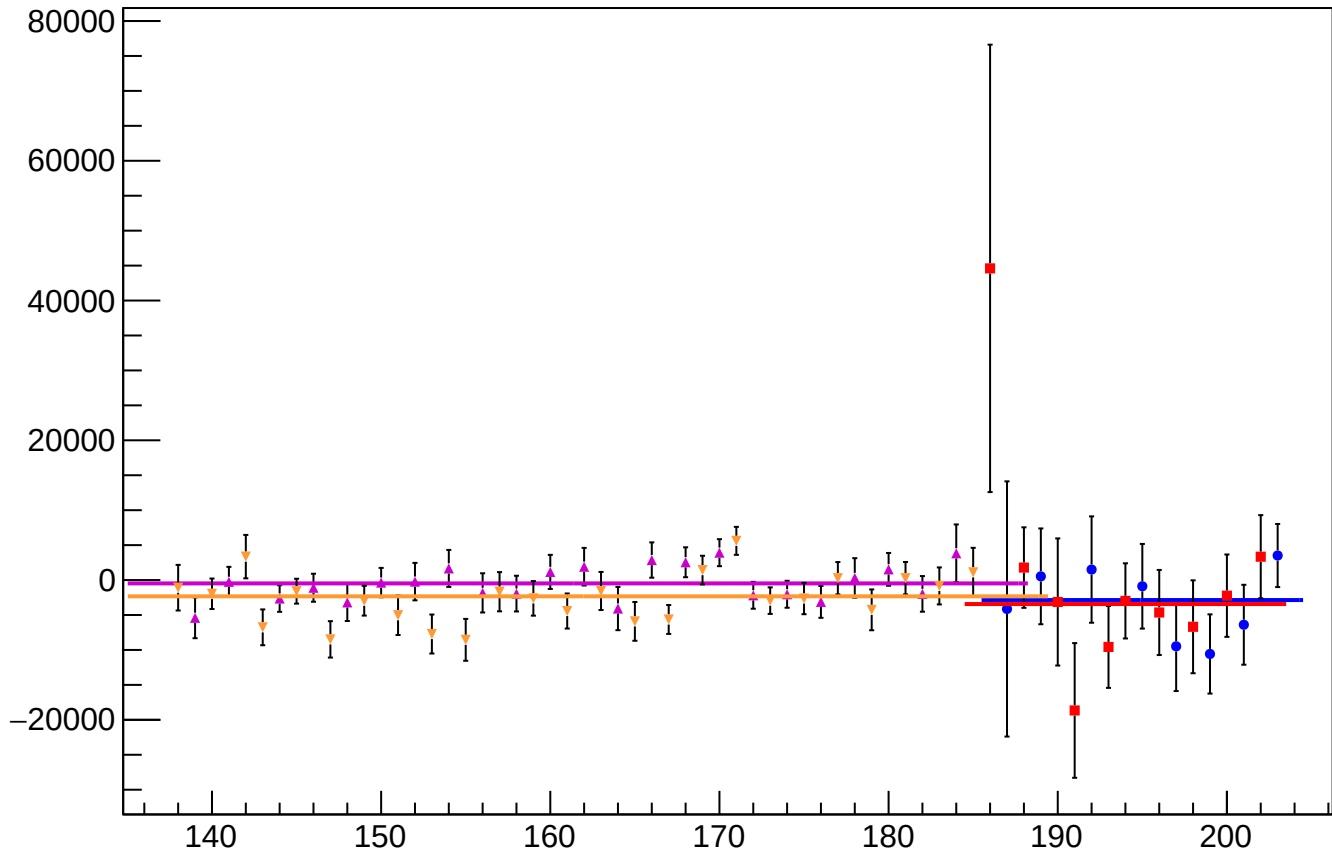
Left In: 309.609 $\pm$ 0.054 χ^2 /NDF:1180280.8/22

+ sign 302.318 $\pm$ 0.040 χ^2 /NDF: 3189717.5/49

All: 303.733 $\pm$ 0.028 χ^2 /NDF: 7081476.3/100

- sign 305.139 $\pm$ 0.040 χ^2 /NDF: 3889307.1/50

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: -3432.043 ± 2111.448 χ^2/NDF : 8.3/9

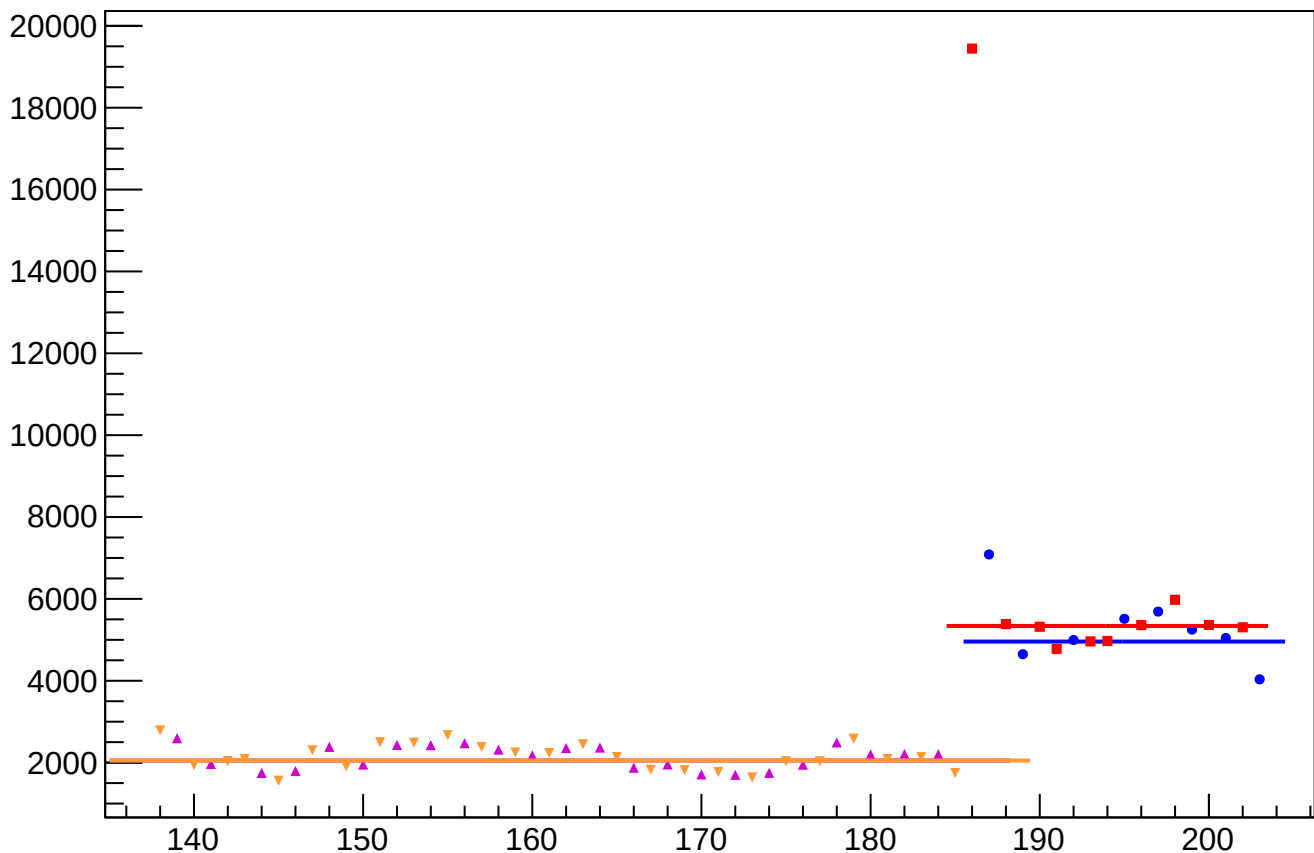
Left In: -477.779 ± 494.228 χ^2/NDF : 23.1/22

+ sign -2350.040 ± 474.742 χ^2/NDF : 55.9/32

All: -1502.286 ± 337.961 χ^2/NDF : 95.5/65

- sign -631.233 ± 481.221 χ^2/NDF : 33.2/32

asym_sam4_correction_rms vs Slug



Right In: 4957.671 ± 1.566 $\chi^2/\text{NDF}: 163588.6/7$

Left Out: 2052.401 ± 0.344 $\chi^2/\text{NDF}: 838023.2/24$

Right Out: 5338.608 ± 1.493 $\chi^2/\text{NDF}: 431381.1/9$

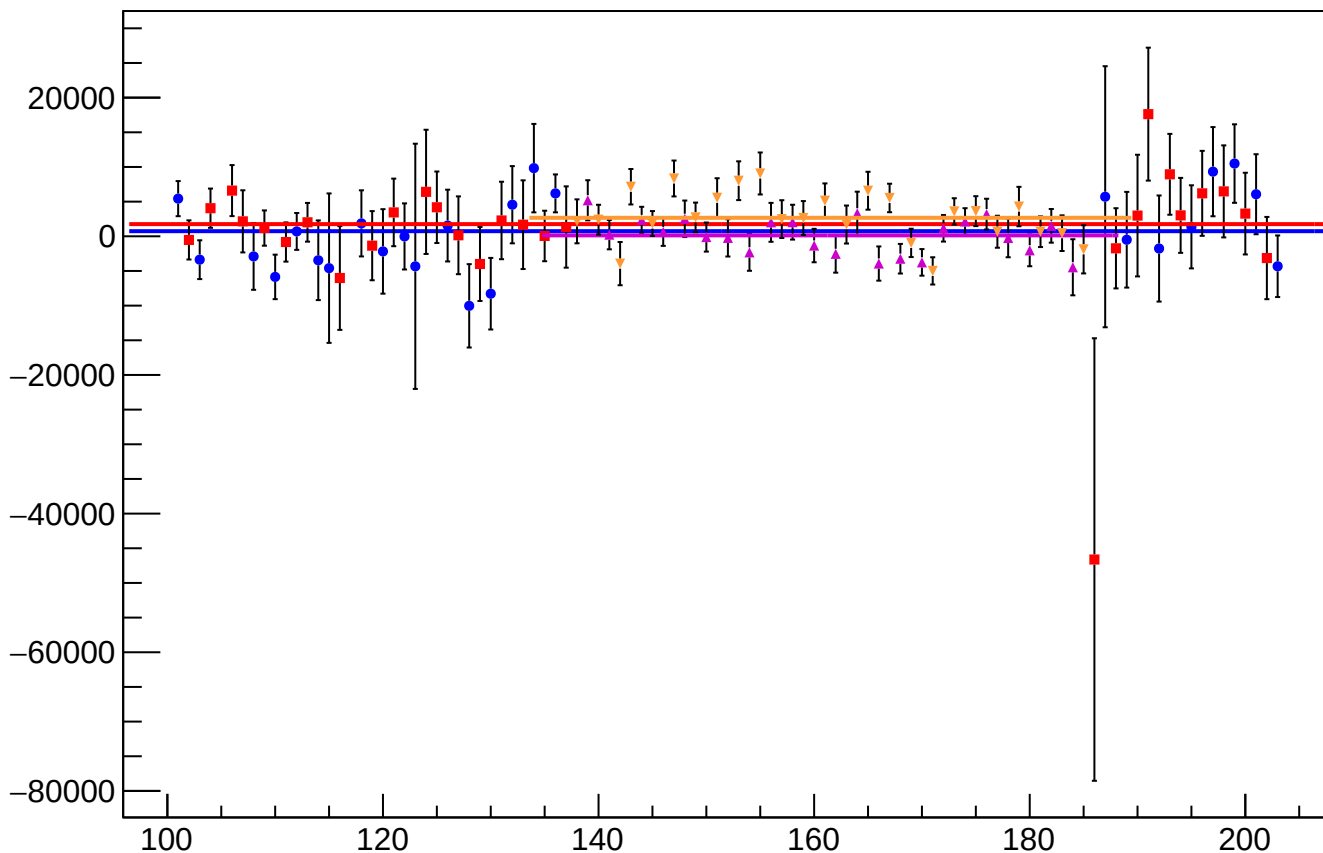
Left In: 2052.384 ± 0.349 $\chi^2/\text{NDF}: 653872.2/22$

+ sign 2185.937 ± 0.336 $\chi^2/\text{NDF}: 4286079.6/32$

All: 2204.257 ± 0.239 $\chi^2/\text{NDF}: 9970387.1/65$

- sign 2223.081 ± 0.340 $\chi^2/\text{NDF}: 5678268.8/32$

asym_sam4_mean vs Slug



Right In: 738.842 $\pm$ 905.359 χ^2 /NDF: 31.4/24

Left Out: 2667.050 $\pm$ 480.963 χ^2 /NDF: 50.0/24

Right Out: 1756.657 $\pm$ 849.800 χ^2 /NDF: 16.3/27

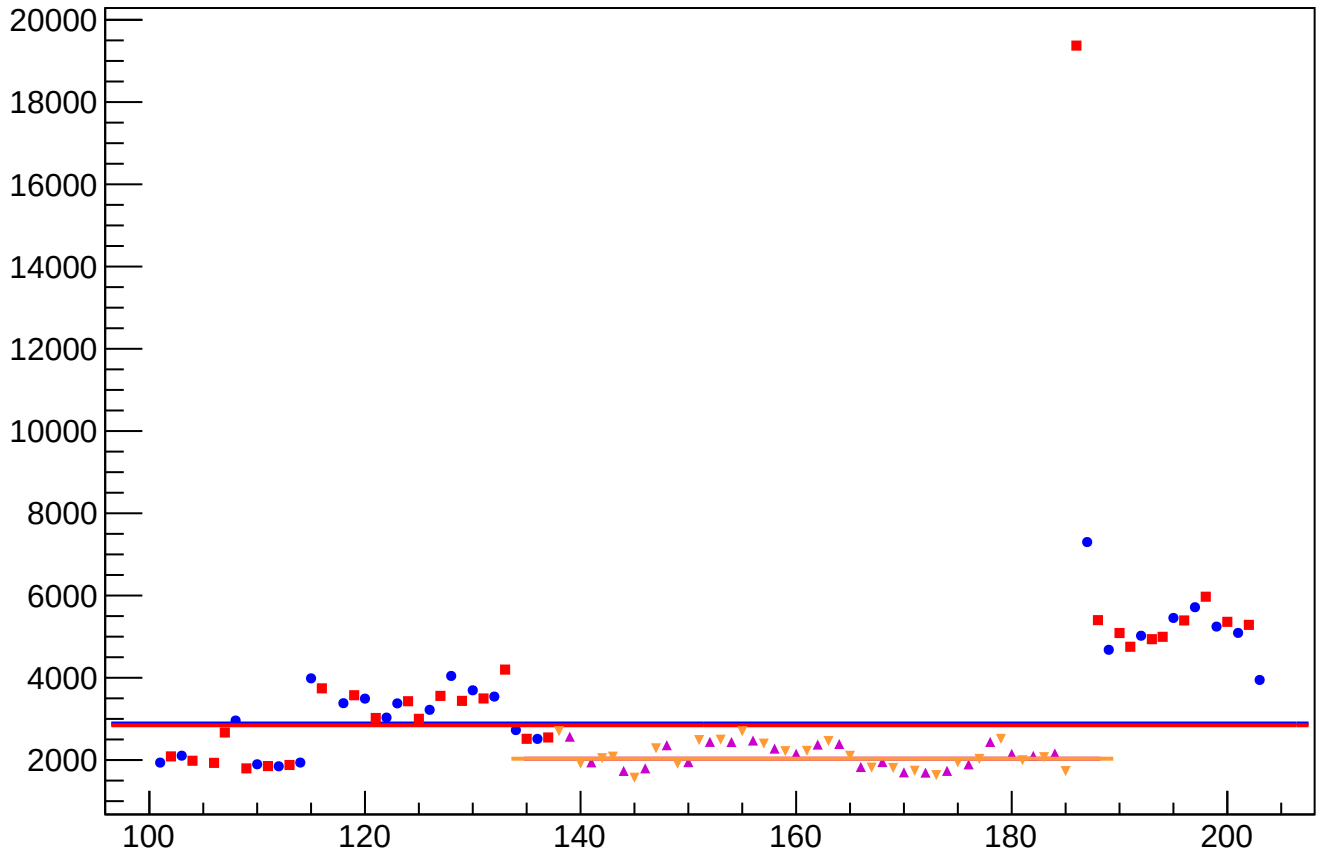
Left In: 132.307 $\pm$ 489.752 χ^2 /NDF: 24.7/22

+ sign 2242.651 $\pm$ 424.748 χ^2 /NDF: 85.0/49

All: 1389.133 $\pm$ 300.193 χ^2 /NDF: 136.8/100

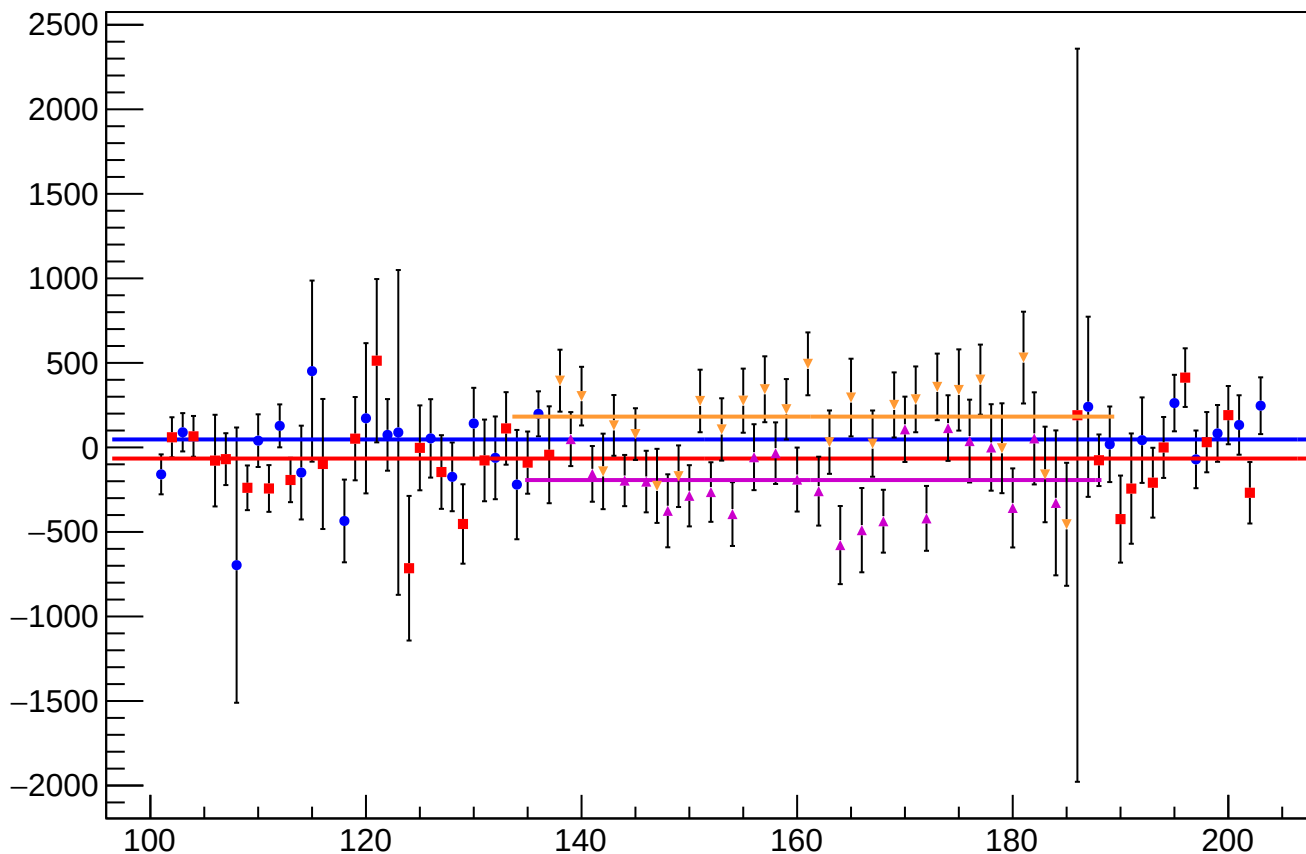
- sign 537.302 $\pm$ 424.328 χ^2 /NDF: 43.7/50

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: 2227.616+/-0.212	χ^2/NDF : 12172024.9/1
Right Out: 2844.939+/-0.601	χ^2/NDF : 4766549.0/27	- sign 2234.457+/-0.300	χ^2/NDF : 6794895.8/50
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: -65.783 ± 35.742 $\chi^2/\text{NDF}: 28.4/27$

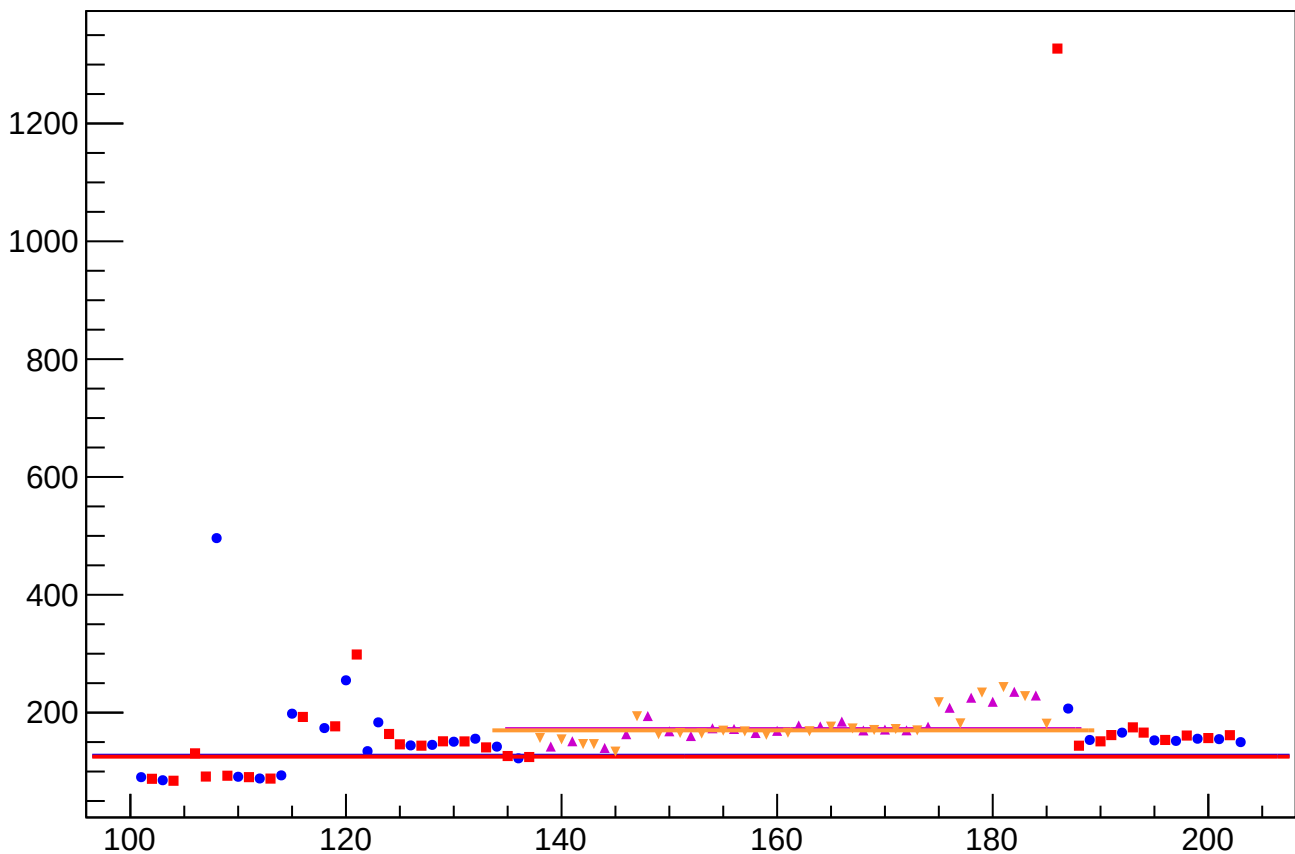
Left In: -193.004 ± 41.384 $\chi^2/\text{NDF}: 21.1/22$

+ sign 111.911 ± 27.756 $\chi^2/\text{NDF}: 49.8/49$

All: -7.100 ± 19.372 $\chi^2/\text{NDF}: 140.6/100$

- sign -120.137 ± 27.050 $\chi^2/\text{NDF}: 54.9/50$

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: 125.293 $\pm$ 0.025 χ^2 /NDF: 2635460.7/27

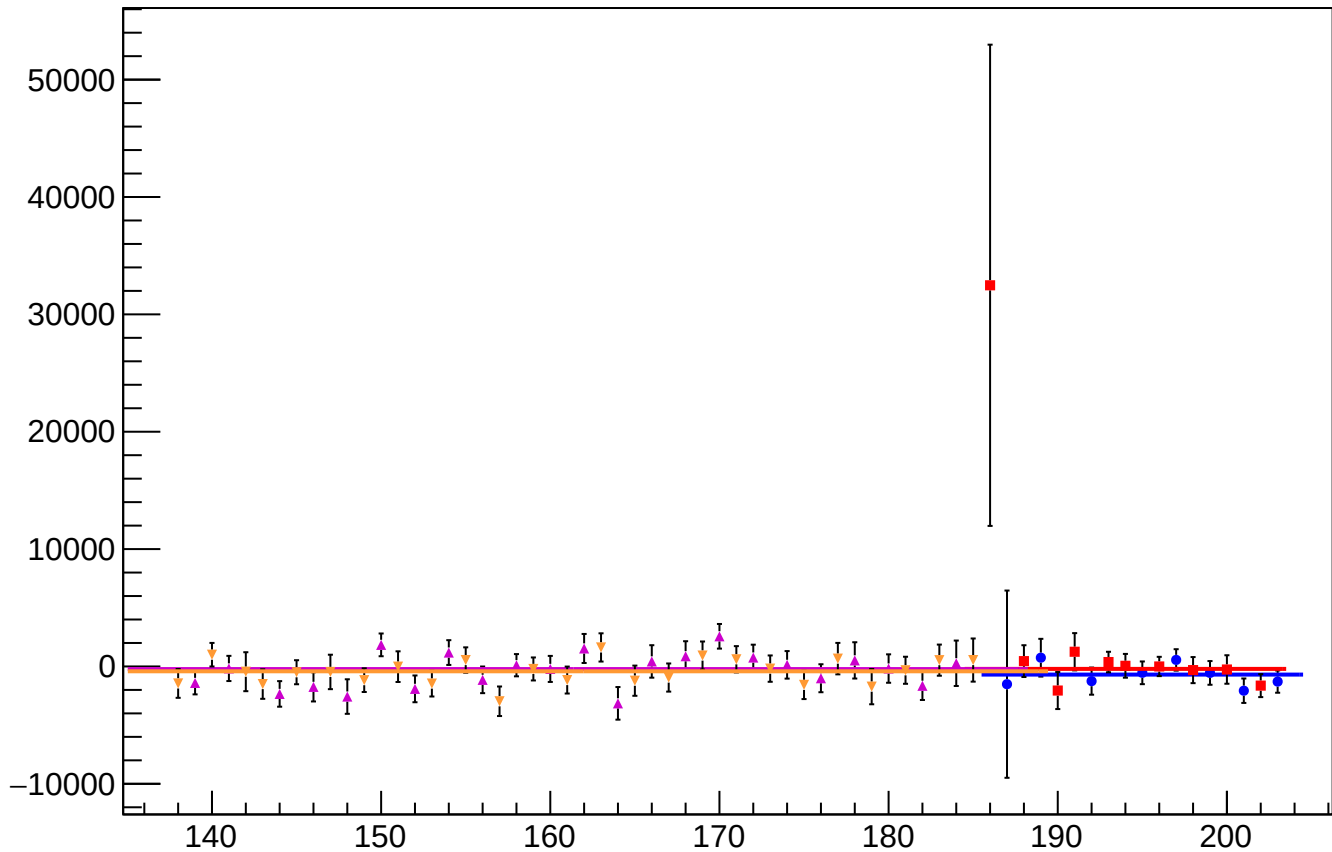
Left In: 172.065 $\pm$ 0.029 χ^2 /NDF: 589733.9/22

+ sign 147.468 $\pm$ 0.020 χ^2 /NDF: 3789493.4/49

All: 146.344 $\pm$ 0.014 χ^2 /NDF: 8484267.0/100

- sign 145.276 $\pm$ 0.019 χ^2 /NDF: 4688379.3/50

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: -208.490+/-361.783 χ^2/NDF : 7.7/9

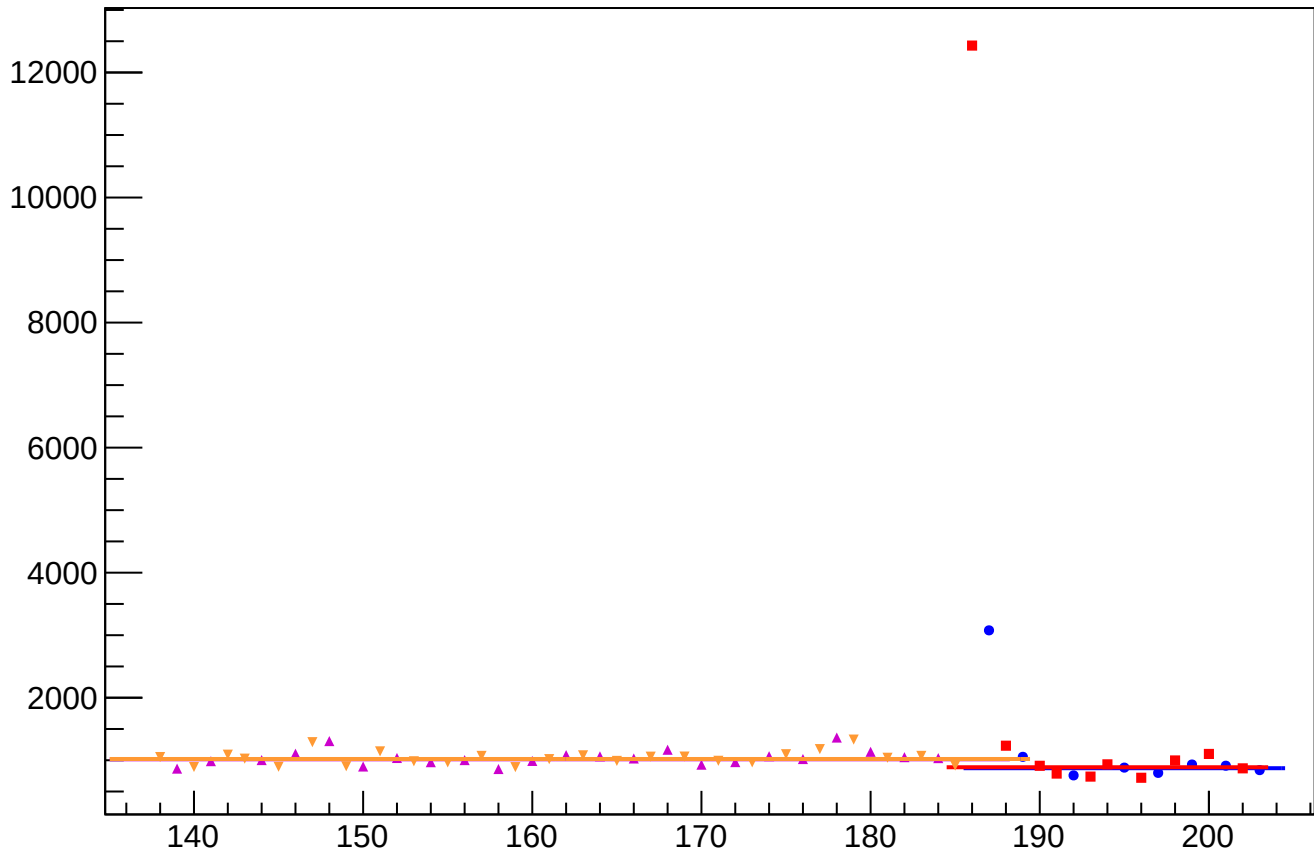
Left In: -223.332+/-243.771 χ^2/NDF : 36.0/22

+ sign -488.918+/-205.173 χ^2/NDF : 24.5/32

All: -351.810+/-144.003 χ^2/NDF : 69.1/65

- sign -218.698+/-202.161 χ^2/NDF : 43.7/32

asym_sam5_correction_rms vs Slug



Right In: 872.684+/-0.279 χ^2/NDF : 223682.3/7

Left Out: 1020.149+/-0.170 χ^2/NDF : 369866.7/24

Right Out: 888.038+/-0.256 χ^2/NDF : 999833.3/9

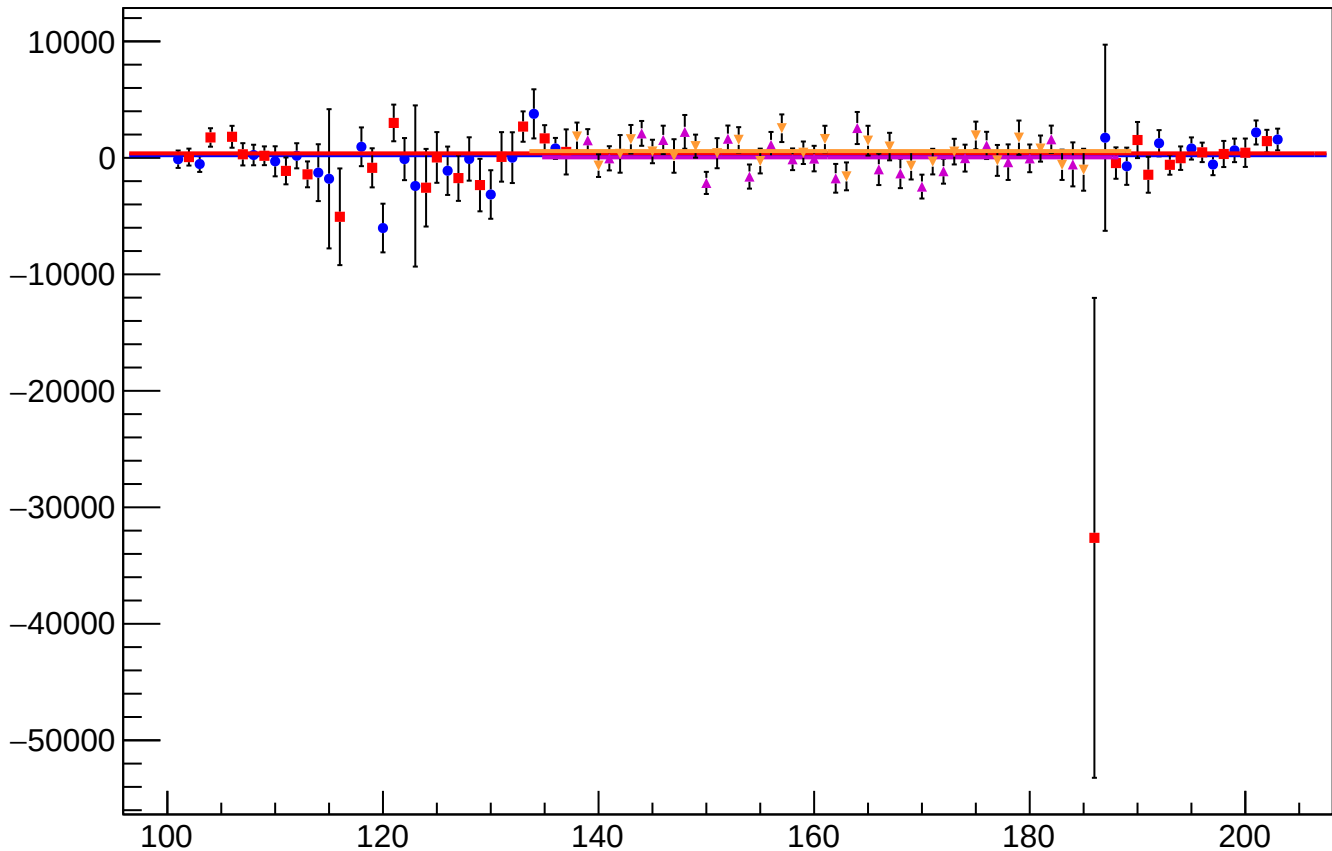
Left In: 1015.000+/-0.172 χ^2/NDF : 404865.5/22

+ sign 980.207+/-0.145 χ^2/NDF : 797591.3/32

All: 977.745+/-0.102 χ^2/NDF : 2372256.6/65

- sign 975.356+/-0.143 χ^2/NDF : 1574098.1/32

asym_sam5_mean vs Slug



Right In: 227.181 $\pm$ 243.967 χ^2 /NDF: 26.0/24

Left Out: 580.226 $\pm$ 235.583 χ^2 /NDF: 18.4/24

Right Out: 386.017 $\pm$ 223.852 χ^2 /NDF: 30.4/27

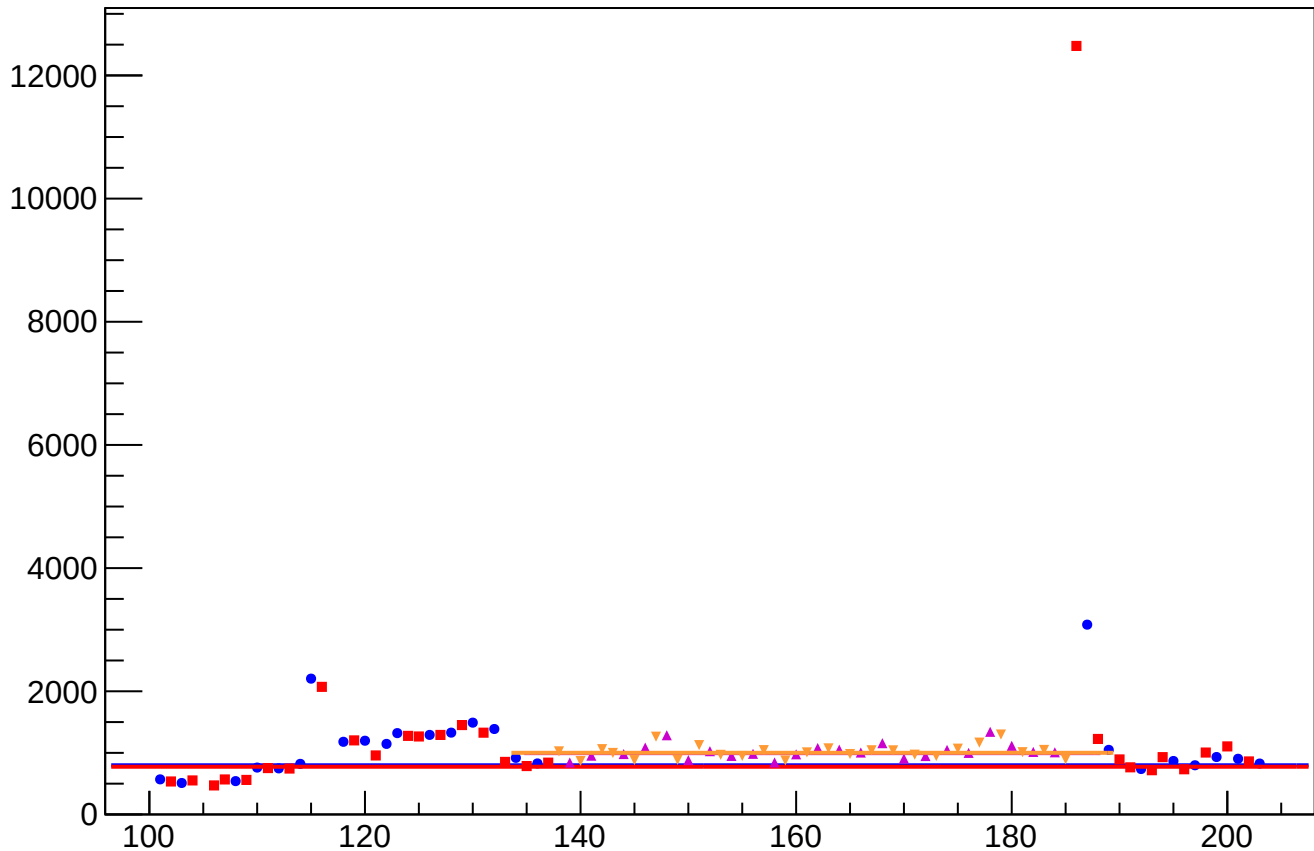
Left In: 42.397 $\pm$ 239.278 χ^2 /NDF: 37.9/22

+ sign 409.874 $\pm$ 169.469 χ^2 /NDF: 45.4/49

All: 314.438 $\pm$ 117.654 χ^2 /NDF: 115.4/100

- sign 225.640 $\pm$ 163.469 χ^2 /NDF: 69.3/50

asym_sam5_rms vs Slug



Right In: 798.524 $\pm$ 0.173 χ^2 /NDF: 2033321.9/24

Left Out: 1001.233 $\pm$ 0.167 χ^2 /NDF: 370278.3/24

Right Out: 774.897 $\pm$ 0.158 χ^2 /NDF: 2973430.7/27

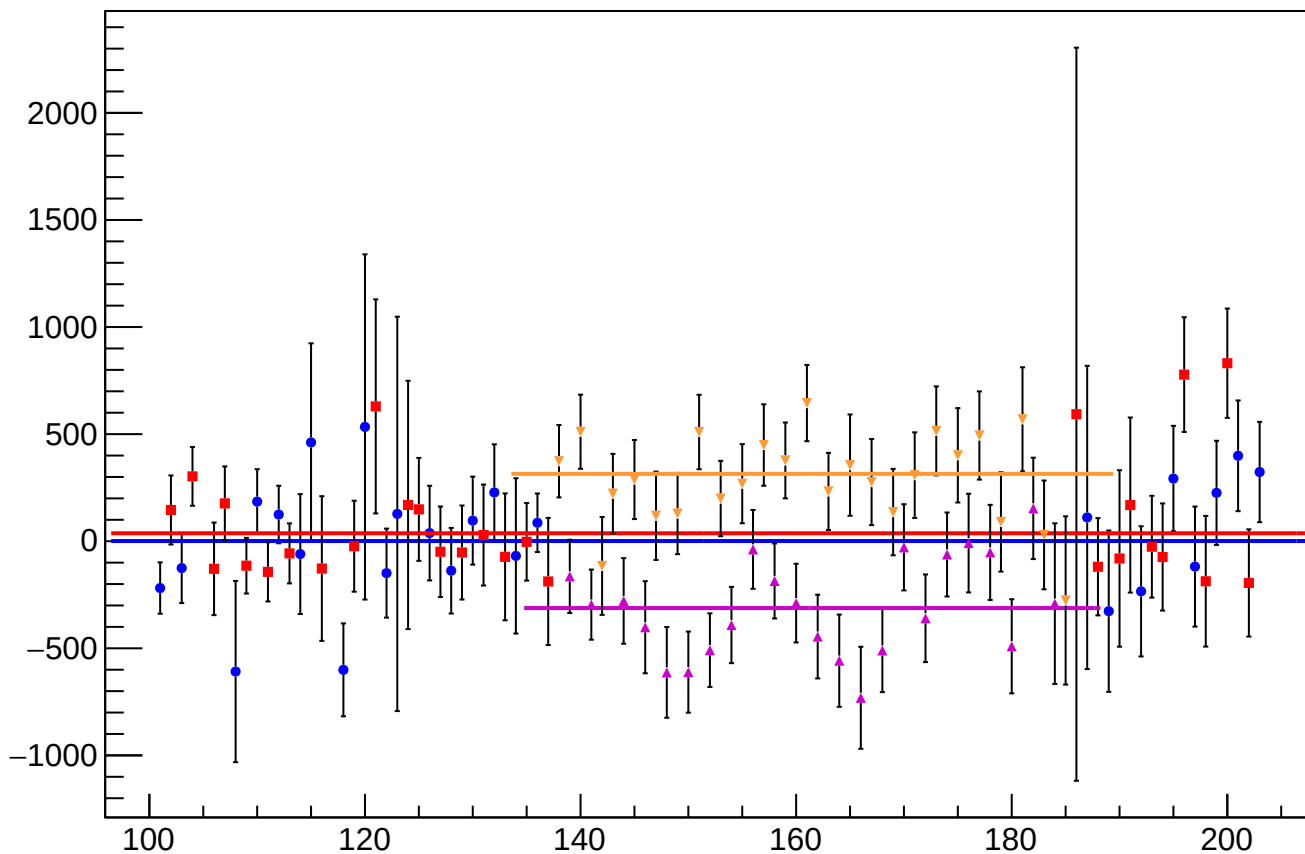
Left In: 995.590 $\pm$ 0.169 χ^2 /NDF: 424434.6/22

+ sign 903.421 $\pm$ 0.120 χ^2 /NDF: 3118101.1/49

All: 890.201 $\pm$ 0.083 χ^2 /NDF: 7446758.7/100

- sign 877.901 $\pm$ 0.116 χ^2 /NDF: 4305162.4/50

dit_asym_sam6_mean vs Slug



Right In: 0.839 ± 43.622 $\chi^2/\text{NDF}: 28.3/24$

Left Out: 314.517 ± 39.818 $\chi^2/\text{NDF}: 21.4/24$

Right Out: 37.074 ± 40.827 $\chi^2/\text{NDF}: 31.8/27$

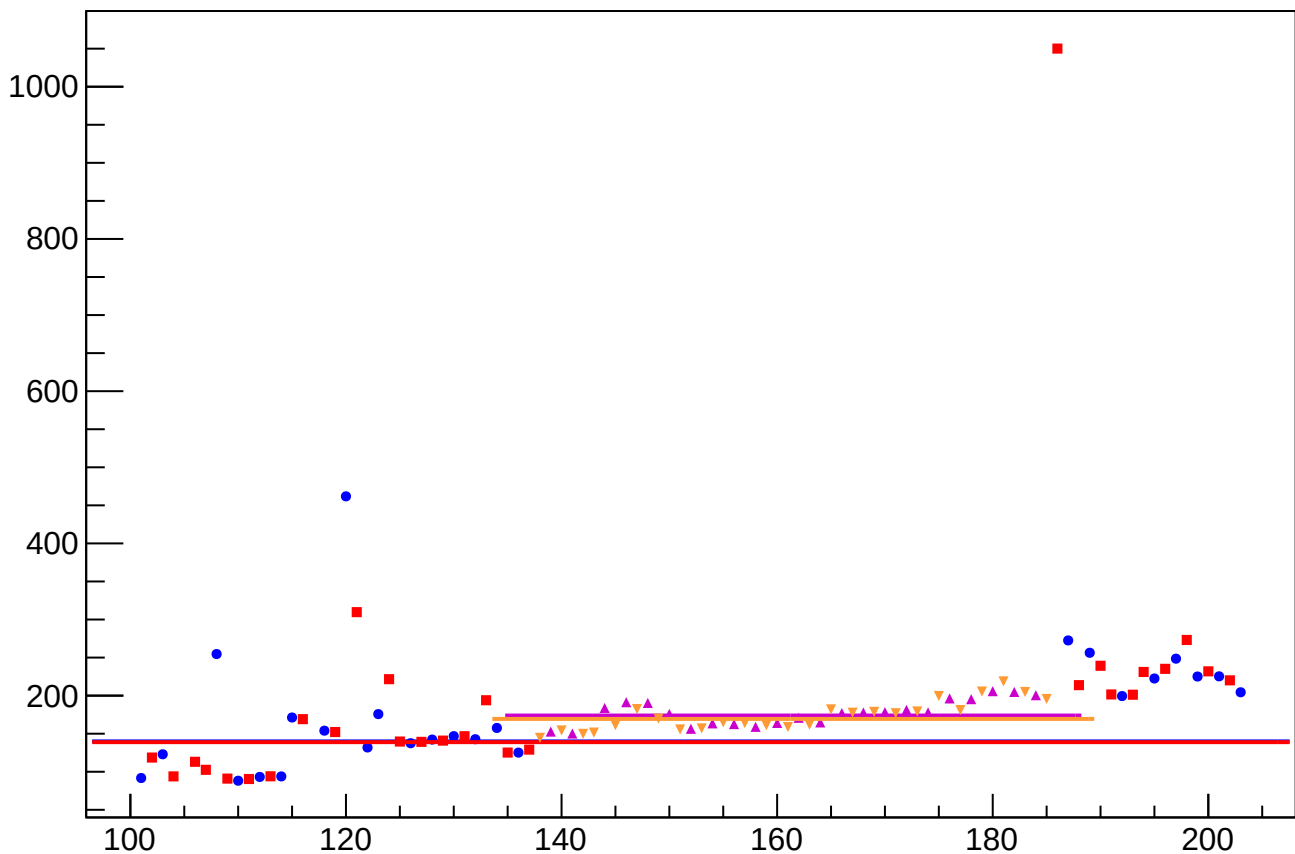
Left In: -312.097 ± 41.646 $\chi^2/\text{NDF}: 26.9/22$

+ sign 171.949 ± 29.408 $\chi^2/\text{NDF}: 77.9/49$

All: 17.623 ± 20.704 $\chi^2/\text{NDF}: 227.0/100$

- sign -134.045 ± 29.154 $\chi^2/\text{NDF}: 94.6/50$

dit_asym_sam6_rms vs Slug



Right In: 139.855 $\pm$ 0.031 χ^2 /NDF: 2872933.3/24

Left Out: 169.432 $\pm$ 0.028 χ^2 /NDF: 386461.5/24

Right Out: 138.915 $\pm$ 0.029 χ^2 /NDF: 3949307.0/27

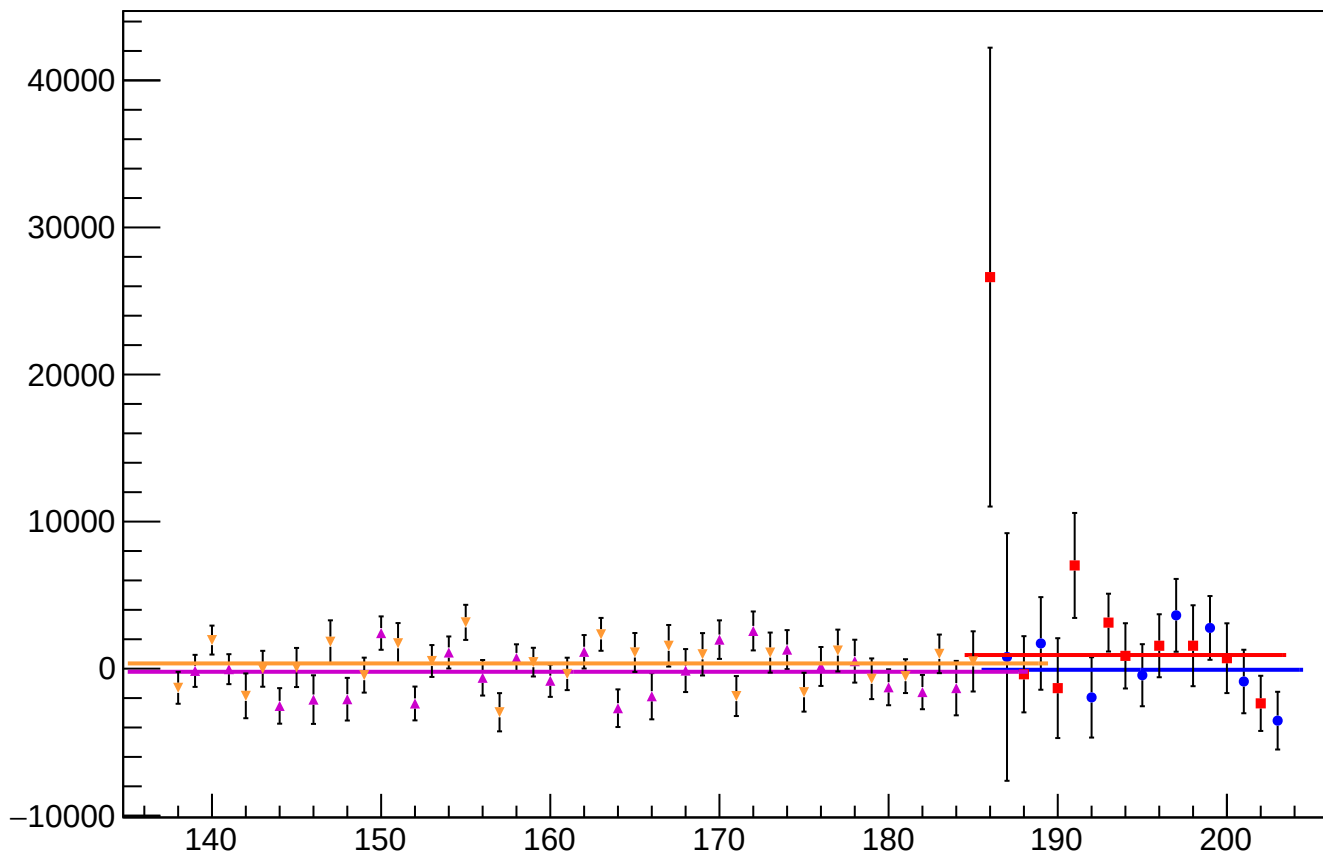
Left In: 173.847 $\pm$ 0.029 χ^2 /NDF: 291729.8/22

+ sign 155.989 $\pm$ 0.021 χ^2 /NDF: 3760948.4/49

All: 156.012 $\pm$ 0.015 χ^2 /NDF: 8719519.2/100

- sign 156.034 $\pm$ 0.021 χ^2 /NDF: 4958568.4/50

asym_sam6_correction_mean vs Slug



Right In: -76.157 ± 869.135 χ^2/NDF : 8.0/7

Left Out: 356.612 ± 250.934 χ^2/NDF : 33.4/24

Right Out: 928.069 ± 792.369 χ^2/NDF : 10.8/9

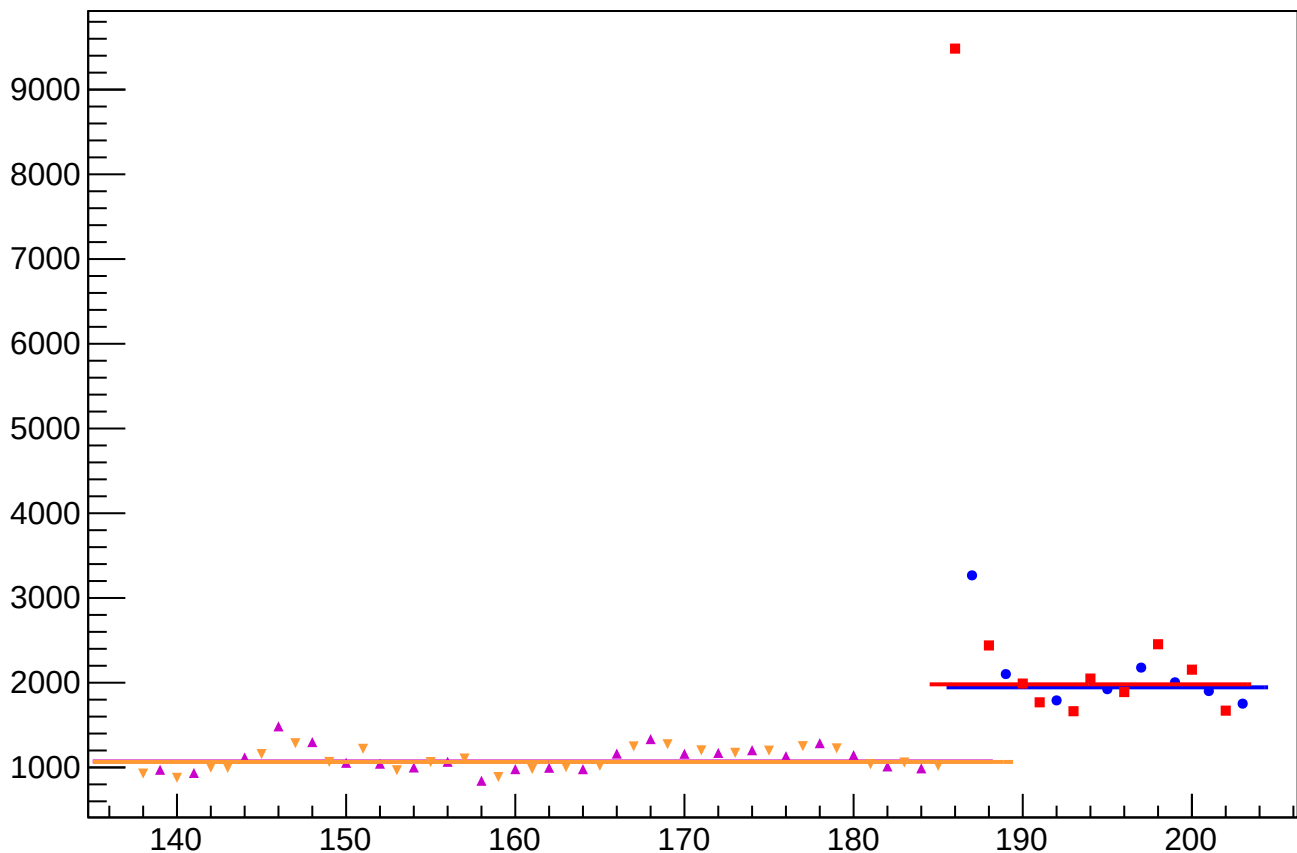
Left In: -212.007 ± 257.383 χ^2/NDF : 36.0/22

+ sign 323.313 ± 241.087 χ^2/NDF : 41.6/32

All: 113.312 ± 171.770 χ^2/NDF : 91.9/65

- sign -103.195 ± 244.793 χ^2/NDF : 48.7/32

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: 1980.809+/-0.560 χ^2/NDF : 714747.4/9

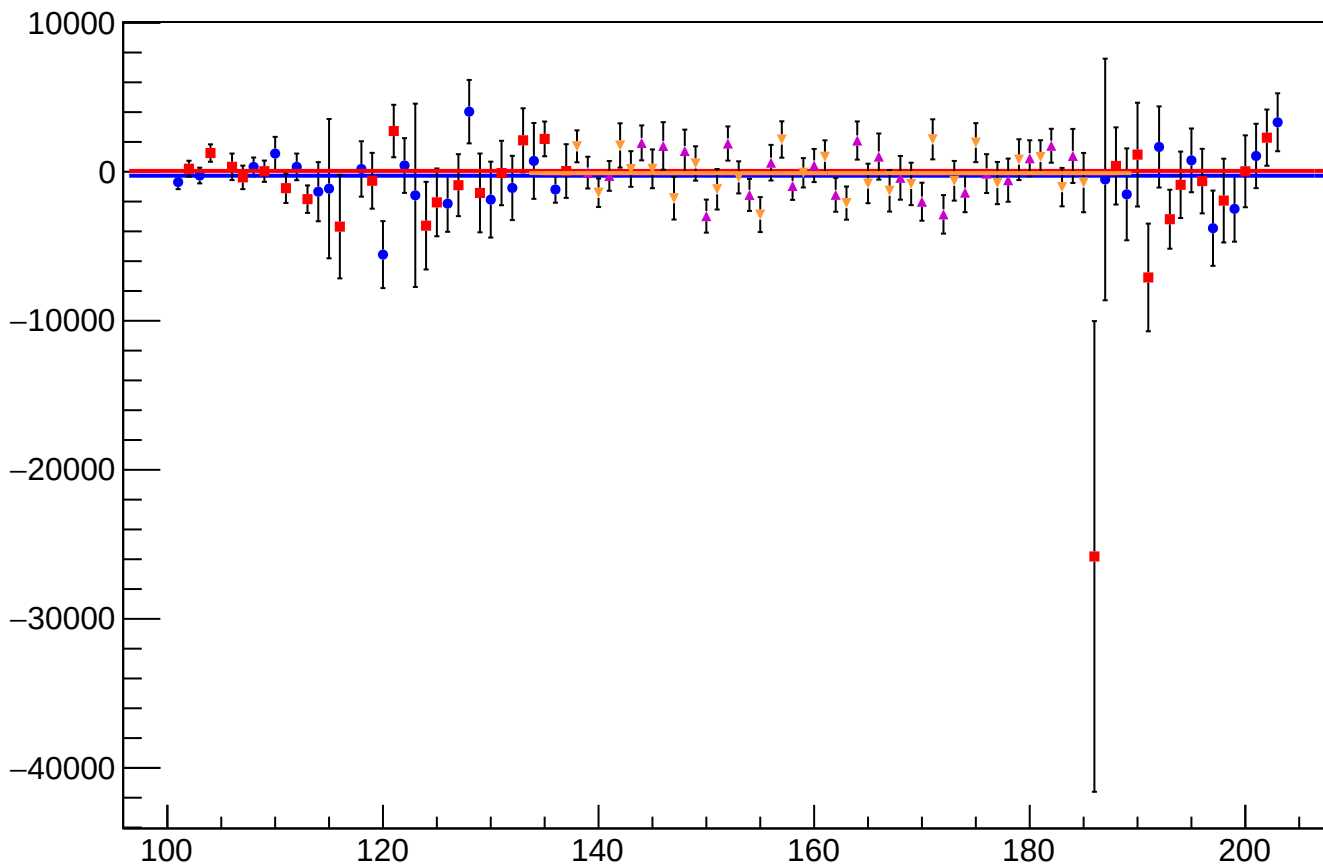
Left In: 1070.694+/-0.182 χ^2/NDF : 570407.8/22

+ sign 1132.621+/-0.170 χ^2/NDF : 2488581.5/32

All: 1144.899+/-0.121 χ^2/NDF : 6171011.1/65

- sign 1157.557+/-0.173 χ^2/NDF : 3671894.3/32

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: 57.053 ± 236.632 χ^2/NDF : 32.7/27

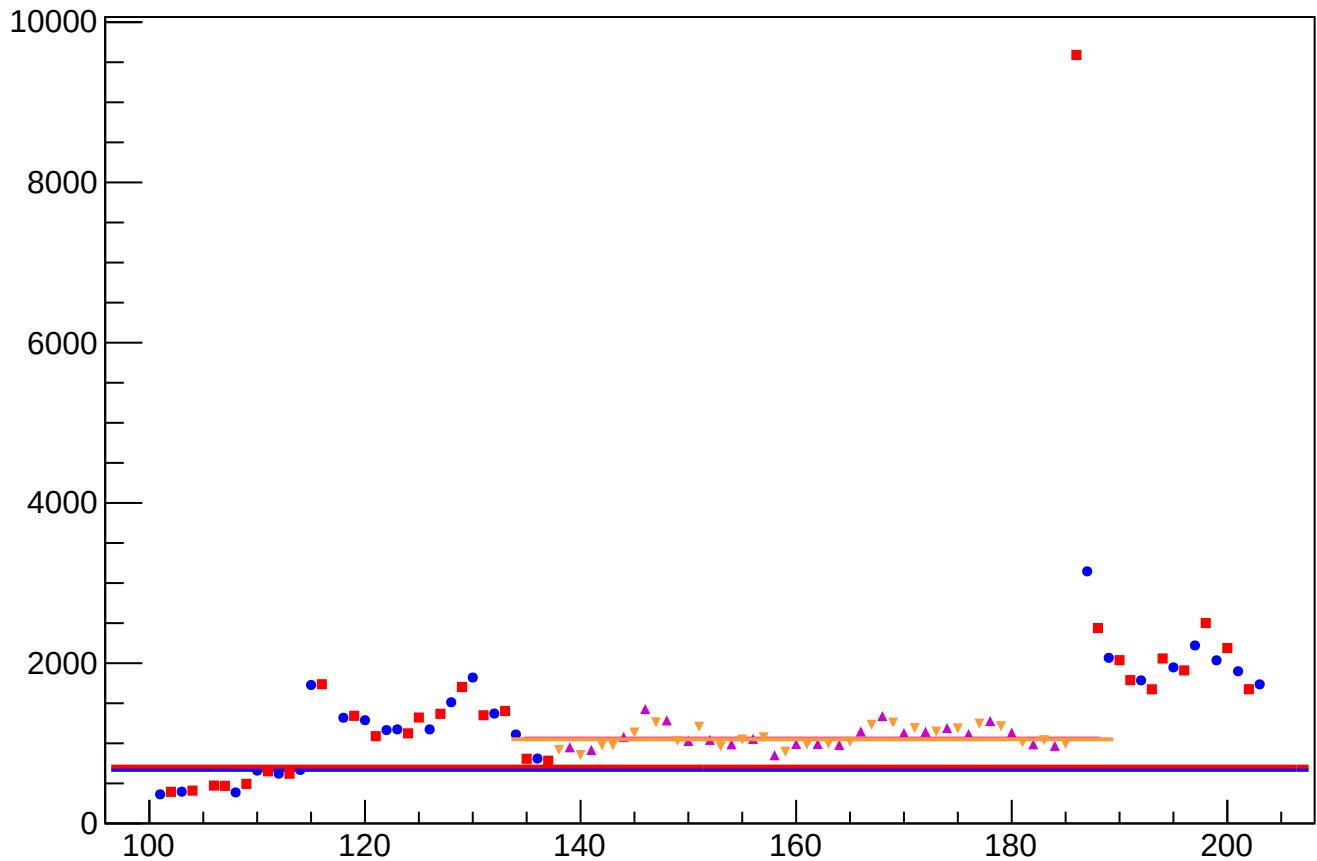
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ sign -179.911 ± 172.346 χ^2/NDF : 55.7/49

All: -100.802 ± 122.184 χ^2/NDF : 124.2/100

- sign -20.865 ± 173.246 χ^2/NDF : 68.1/50

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: 709.055+/-0.167 χ^2/NDF : 9227934.7/27

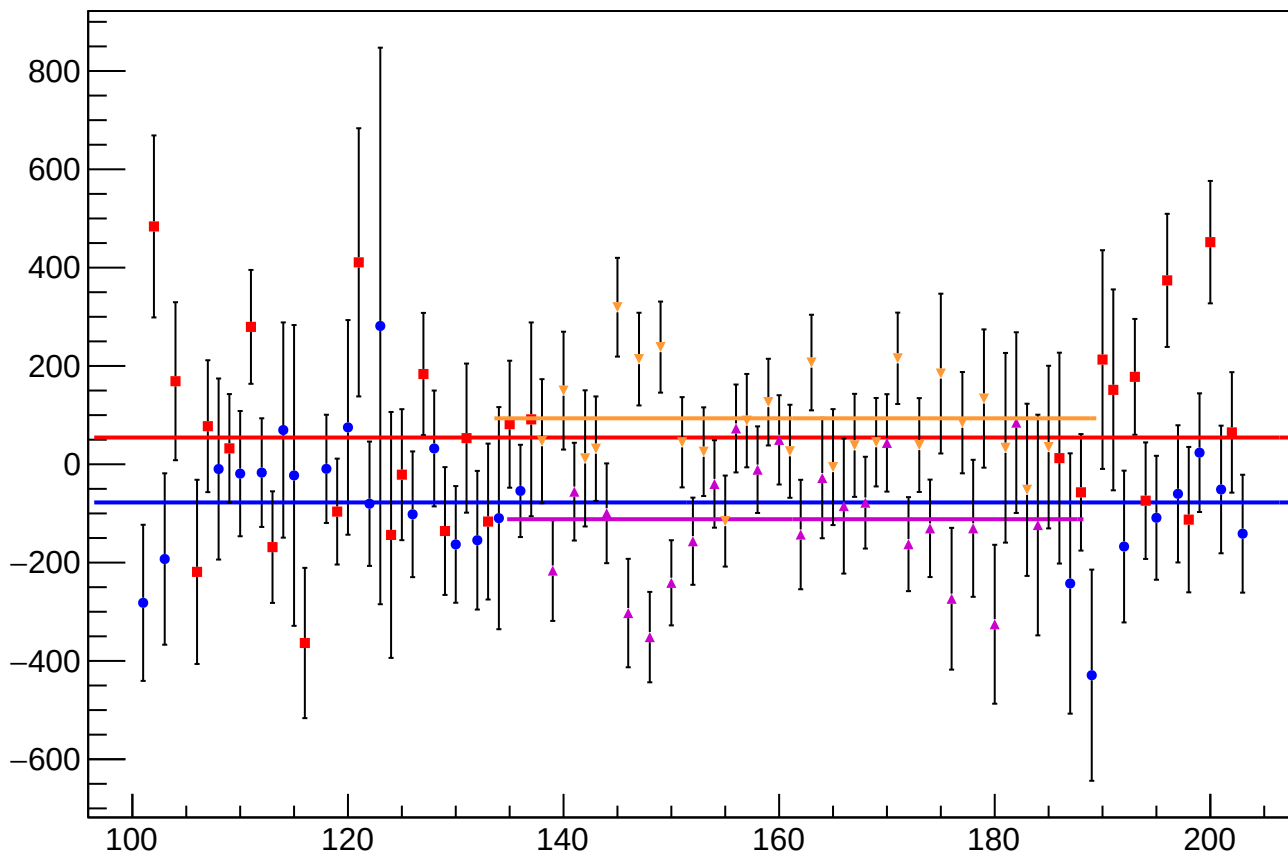
Left In: 1058.154+/-0.180 χ^2/NDF : 532260.0/22

+ sign 854.774+/-0.122 χ^2/NDF : 10974998.7/49

All: 862.860+/-0.086 χ^2/NDF : 22763726.7/100

- sign 871.032+/-0.123 χ^2/NDF : 11779875.5/50

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: 54.419 ± 26.674 $\chi^2/\text{NDF}: 53.2/27$

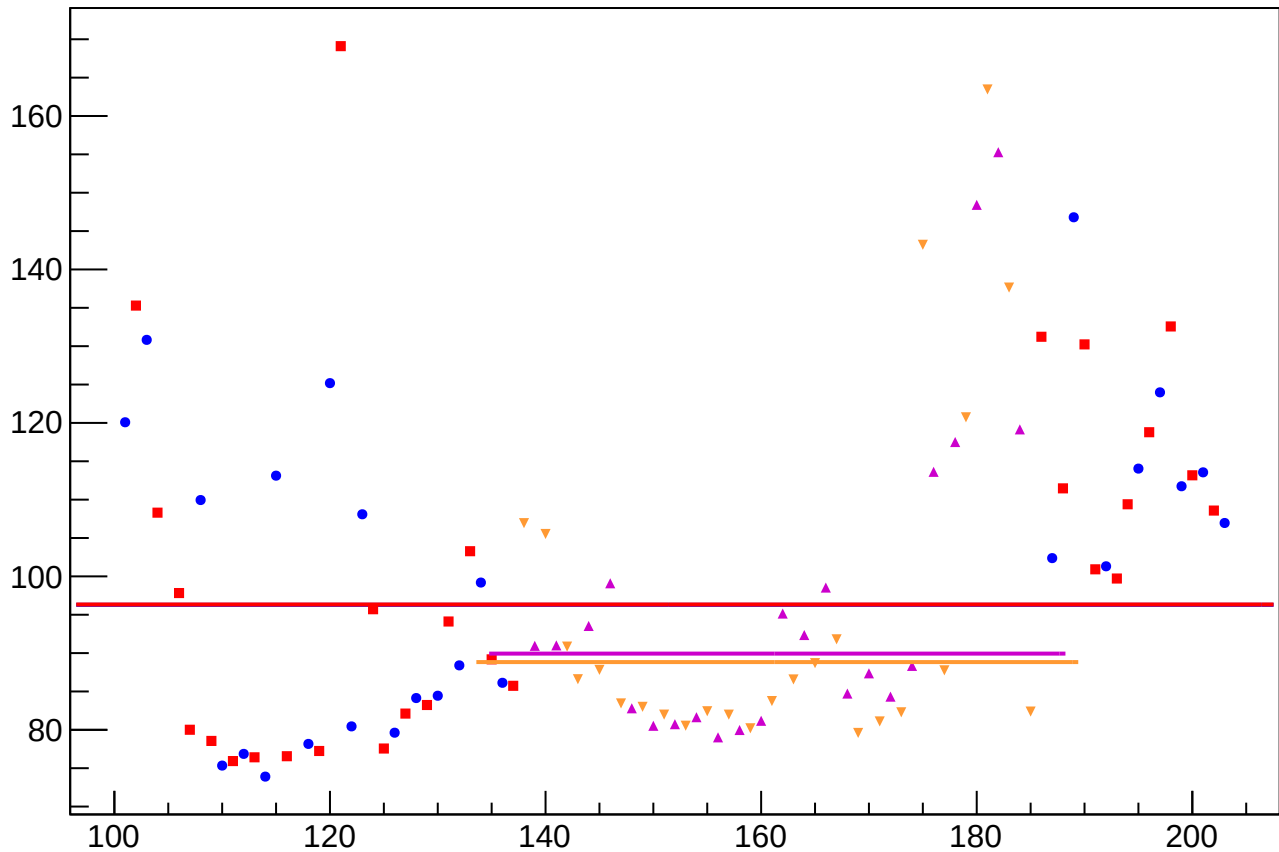
Left In: -111.732 ± 21.971 $\chi^2/\text{NDF}: 30.7/22$

+ sign 32.464 ± 17.072 $\chi^2/\text{NDF}: 56.6/49$

All: -6.311 ± 12.032 $\chi^2/\text{NDF}: 173.9/100$

- sign -44.573 ± 16.959 $\chi^2/\text{NDF}: 107.1/50$

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: 96.334 $\pm$ 0.019 χ^2 /NDF: 1036520.9/27

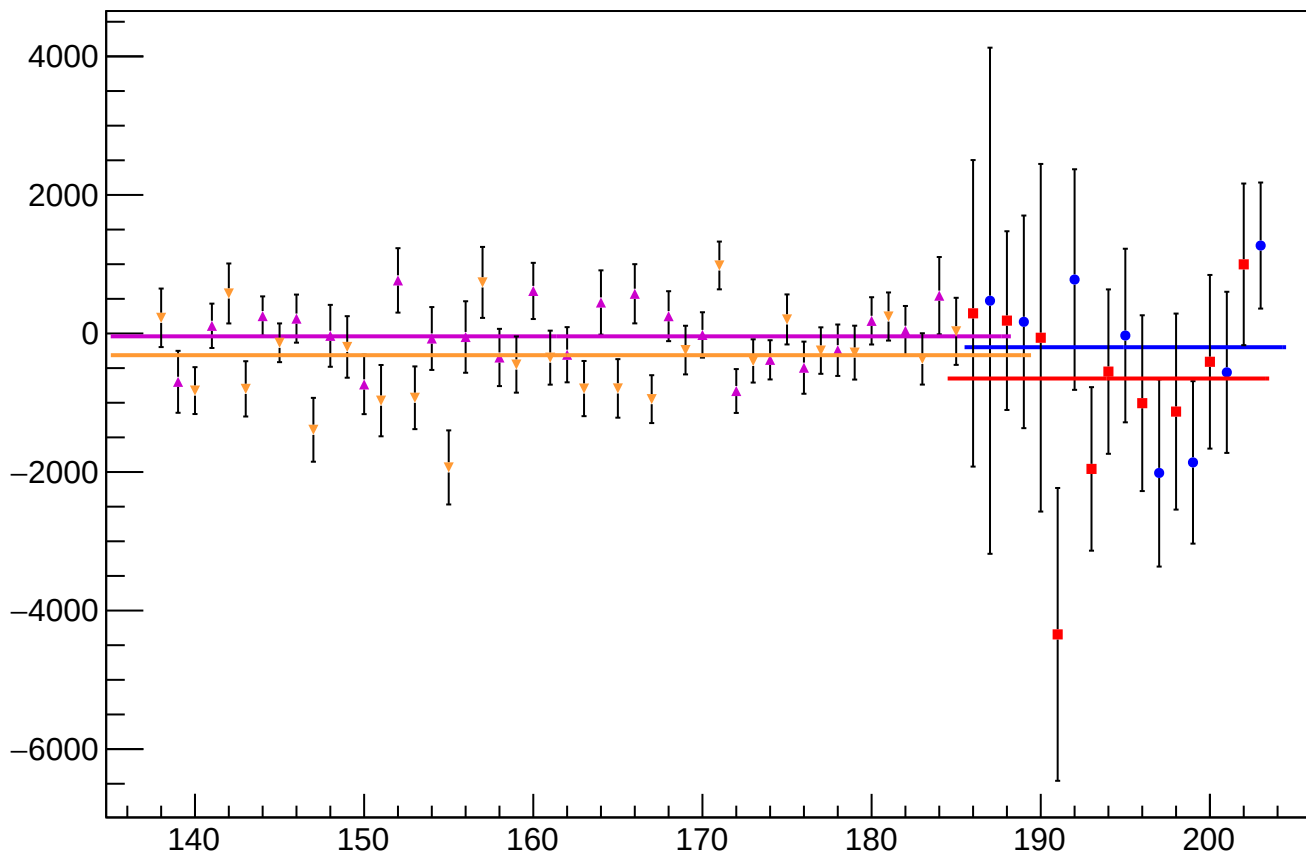
Left In: 89.934 $\pm$ 0.016 χ^2 /NDF: 874129.5/22

+ sign 91.491 $\pm$ 0.012 χ^2 /NDF: 1908580.1/49

All: 92.010 $\pm$ 0.009 χ^2 /NDF: 3891500.7/100

- sign 92.521 $\pm$ 0.012 χ^2 /NDF: 1979256.0/50

asym_sam7_correction_mean vs Slug



Right In: -198.283 ± 458.720 χ^2/NDF : 7.0/7

Left Out: -313.446 ± 77.334 χ^2/NDF : 58.1/24

Right Out: -650.100 ± 442.483 χ^2/NDF : 7.2/9

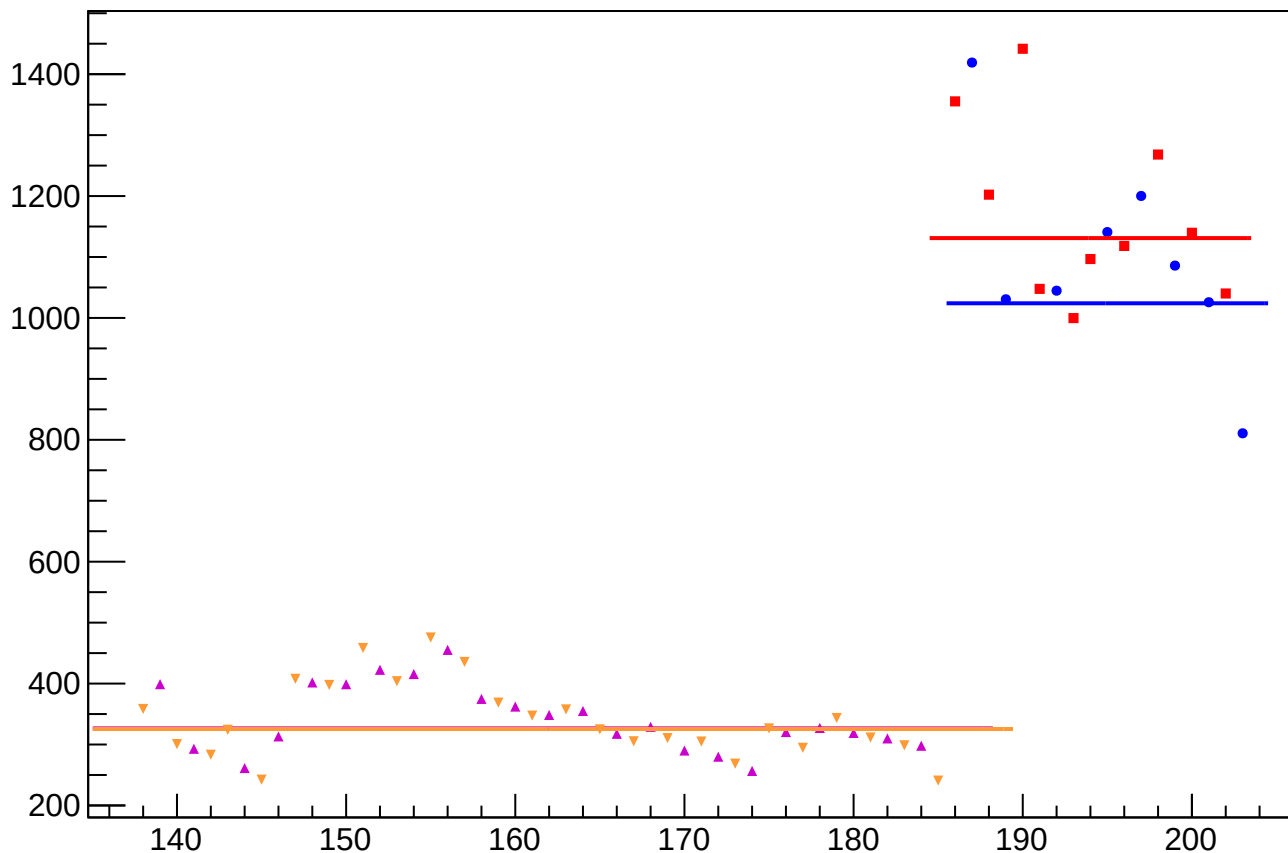
Left In: -41.244 ± 78.858 χ^2/NDF : 28.0/22

+ sign -310.264 ± 76.258 χ^2/NDF : 65.2/32

All: -187.363 ± 54.403 χ^2/NDF : 107.5/65

- sign -59.986 ± 77.634 χ^2/NDF : 37.0/32

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: 1131.015+/-0.313 χ^2/NDF : 118088.1/9

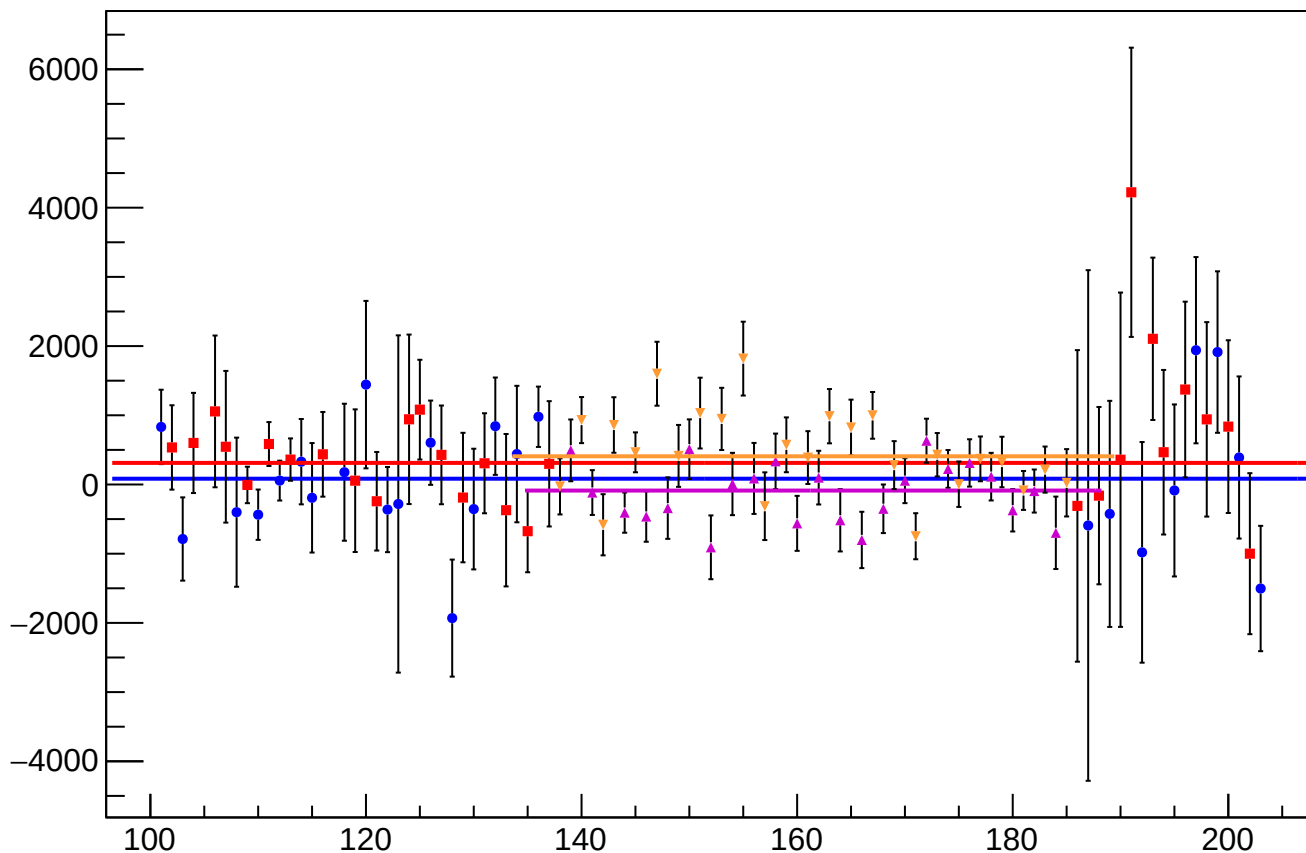
Left In: 326.516+/-0.056 χ^2/NDF :841153.2/22

+ sign 344.739+/-0.054 χ^2/NDF : 5702093.0/32

All: 347.952+/-0.038 χ^2/NDF : 13076359.4/65

- sign 351.282+/-0.055 χ^2/NDF : 7367036.8/32

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: 312.162+/-124.503 χ^2/NDF : 17.0/27

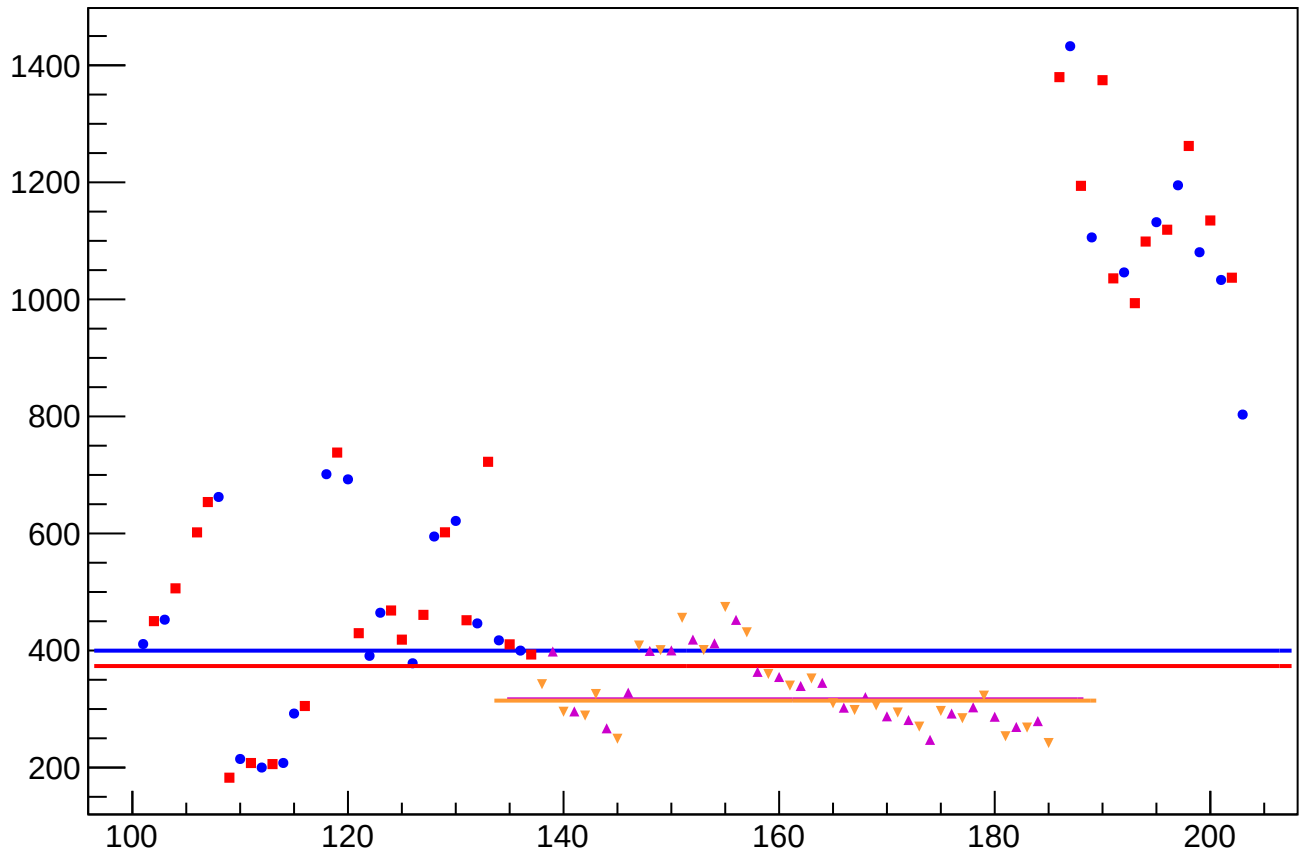
Left In: -87.657+/-76.572 χ^2/NDF : 27.4/22

+ sign 332.455+/-65.517 χ^2/NDF : 86.0/49

All: 176.565+/-46.224 χ^2/NDF : 149.2/100

- sign 22.070+/-65.223 χ^2/NDF : 51.9/50

asym_sam7_rms vs Slug



Right In: 399.774 $\pm$ 0.096 χ^2 /NDF: 6312992.4/24

Left Out: 314.405 $\pm$ 0.053 χ^2 /NDF:1112244.9/24

Right Out: 373.462 $\pm$ 0.088 χ^2 /NDF: 9152403.4/27

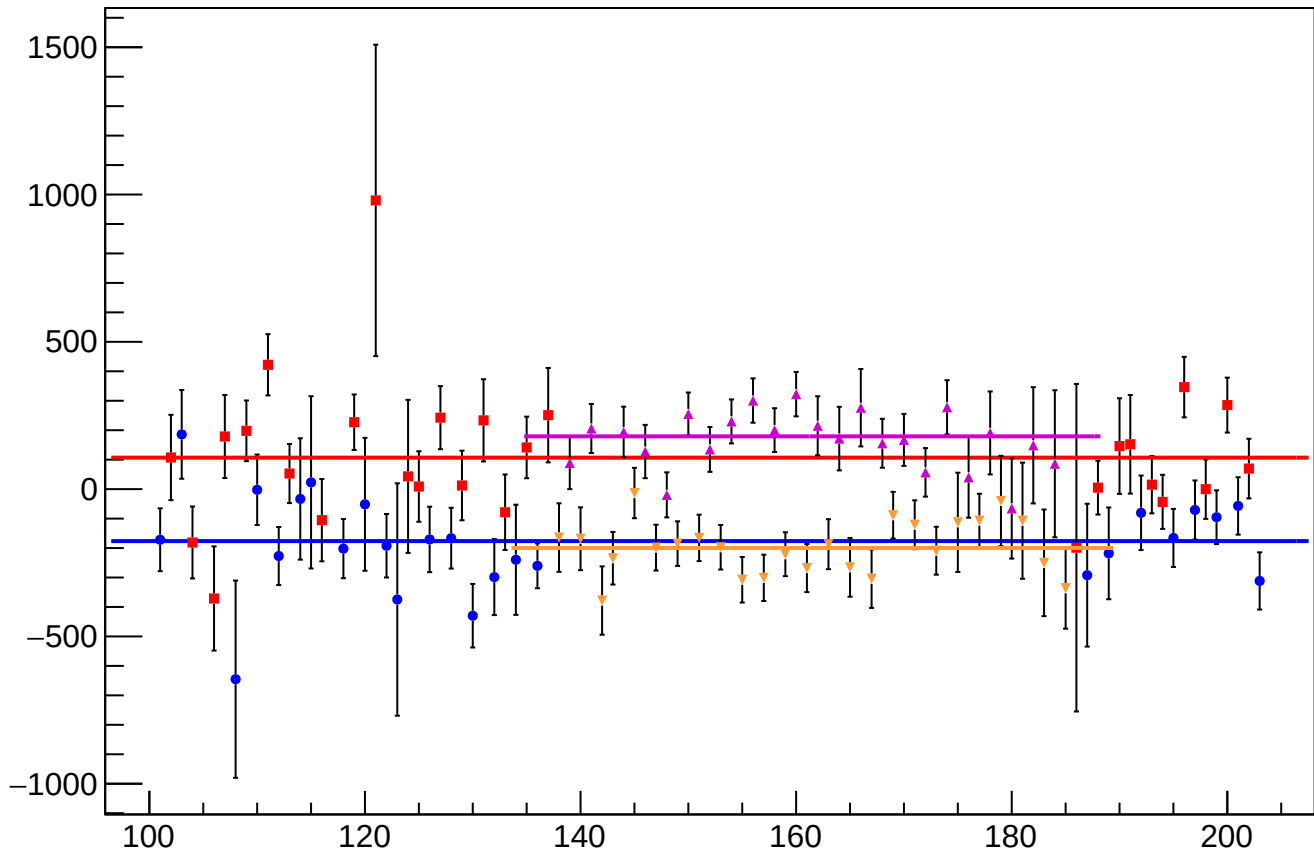
Left In: 316.616 $\pm$ 0.054 χ^2 /NDF:929652.0/22

+ sign 334.157 $\pm$ 0.046 χ^2 /NDF: 8029110.7/49

All: 333.182 $\pm$ 0.033 χ^2 /NDF: 18414555.3/10

- sign 332.217 $\pm$ 0.046 χ^2 /NDF: 10384564.3/50

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: 106.817 ± 22.564 χ^2/NDF : 52.5/27

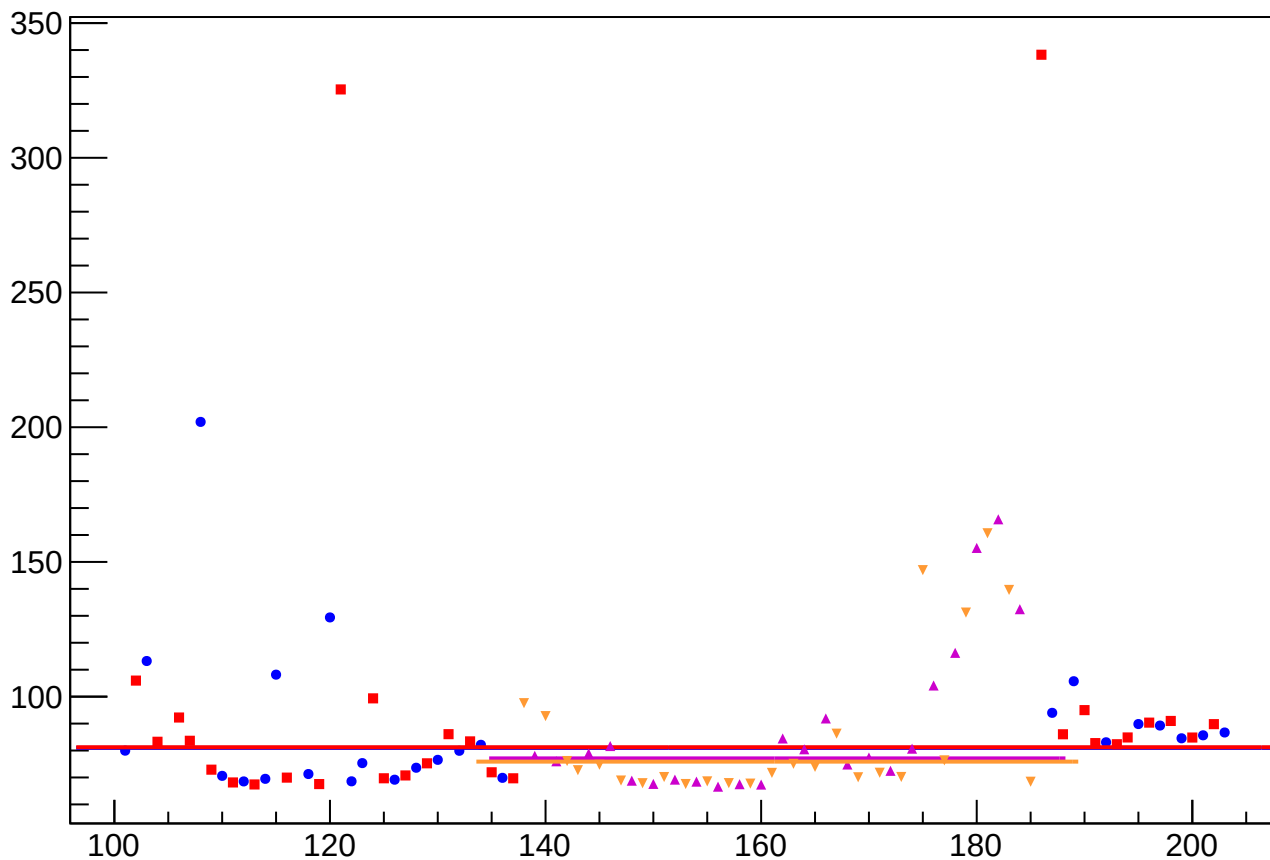
Left In: 179.154 ± 19.112 χ^2/NDF : 23.9/22

+ sign -190.995 ± 14.627 χ^2/NDF : 46.5/49

All: -20.518 ± 10.328 χ^2/NDF : 399.6/100

- sign 148.937 ± 14.584 χ^2/NDF : 82.3/50

dit_asym_sam8_rms vs Slug



Right In: 80.975 $\pm$ 0.017 χ^2 /NDF: 741290.2/24

Left Out: 75.883 $\pm$ 0.013 χ^2 /NDF:1552500.3/24

Right Out: 81.217 $\pm$ 0.016 χ^2 /NDF: 1216293.0/27

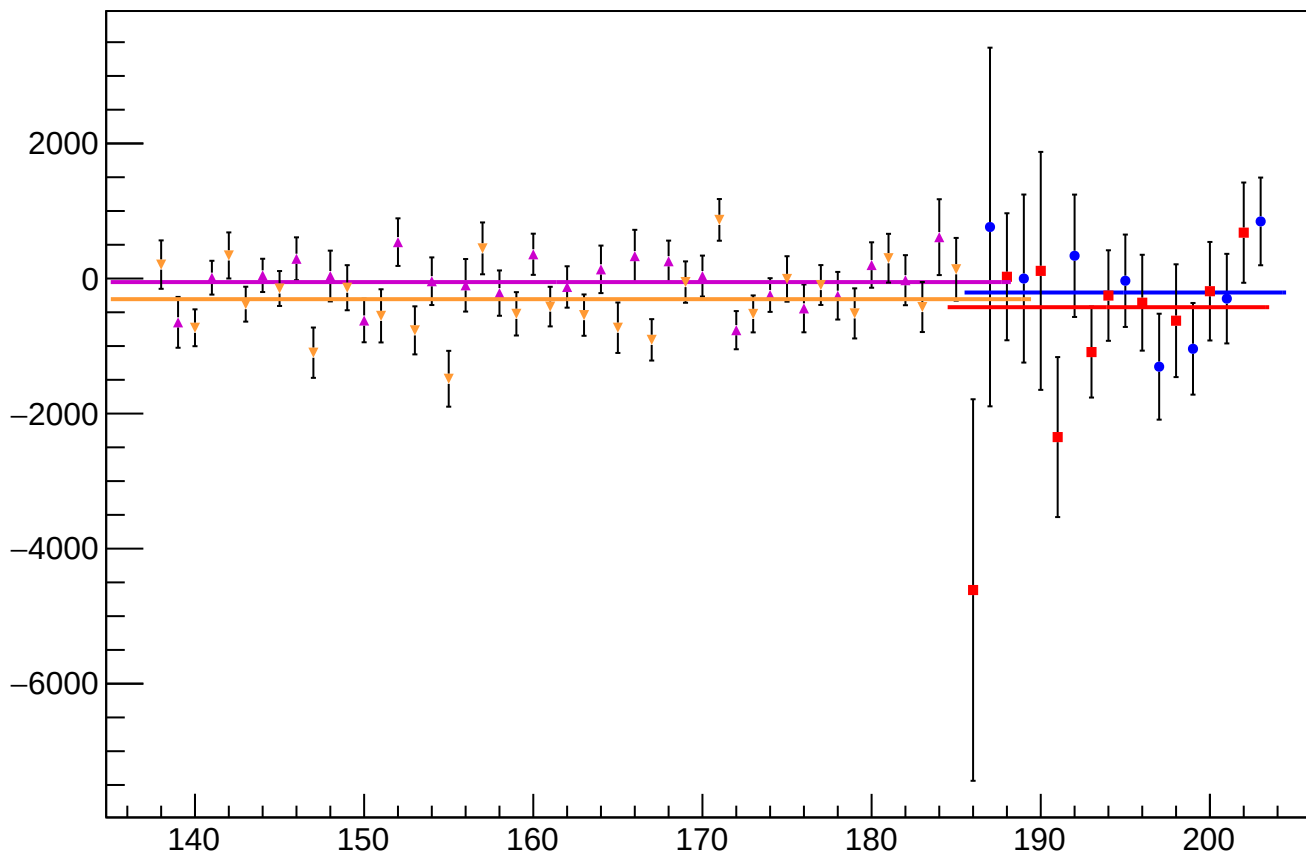
Left In: 77.080 $\pm$ 0.014 χ^2 /NDF:1422981.1/22

+ sign 77.775 $\pm$ 0.010 χ^2 /NDF: 2350384.9/49

All: 78.293 $\pm$ 0.007 χ^2 /NDF: 5033806.5/100

- sign 78.808 $\pm$ 0.010 χ^2 /NDF: 2678423.3/50

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: -424.606 ± 268.891 χ^2/NDF : 8.6/9

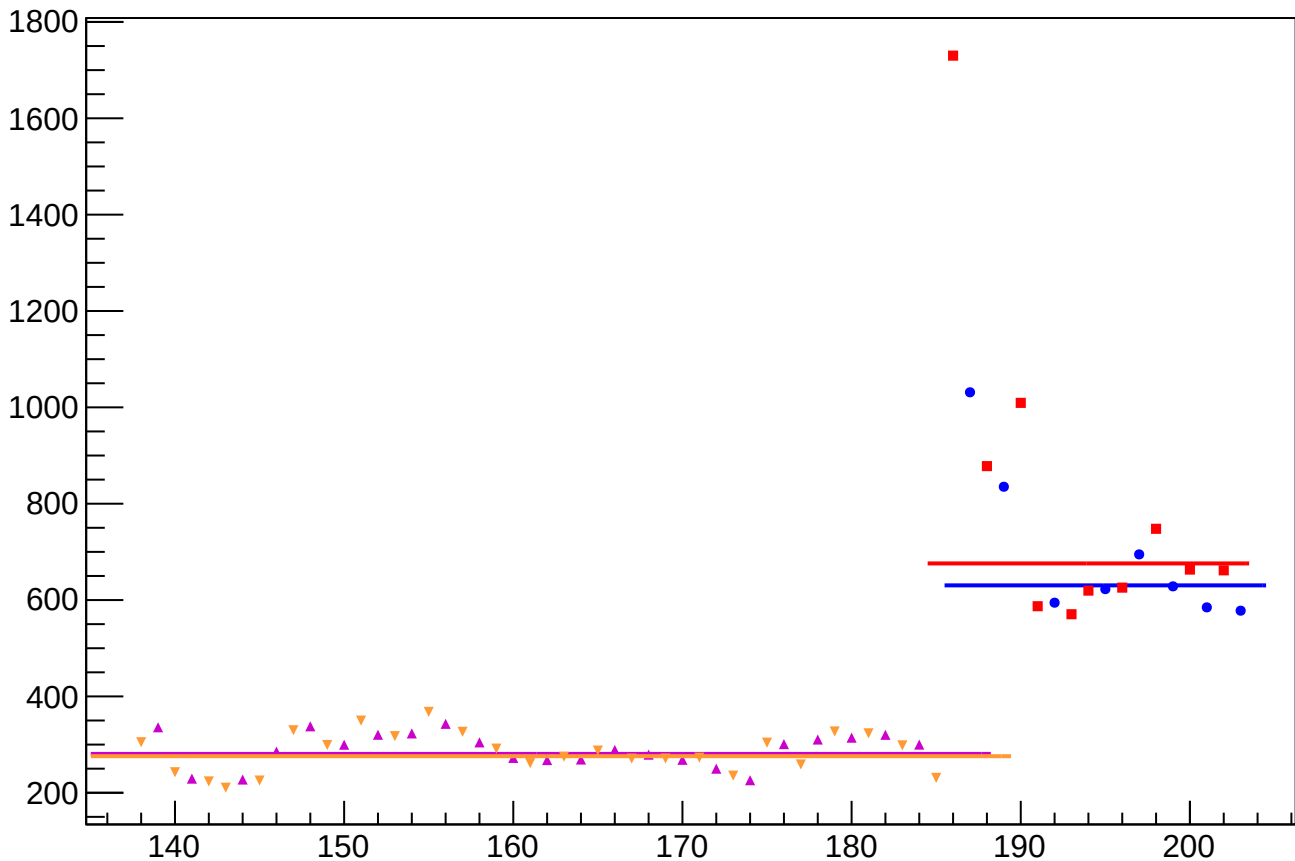
Left In: -52.759 ± 67.539 χ^2/NDF : 24.9/22

+ sign -300.635 ± 63.640 χ^2/NDF : 61.7/32

All: -190.989 ± 45.645 χ^2/NDF : 103.1/65

- sign -74.826 ± 65.504 χ^2/NDF : 35.2/32

asym_sam8_correction_rms vs Slug



Right In: 630.507+/-0.199 $\chi^2/\text{NDF}: 139112.9/7$

Left Out: 275.901+/-0.046 $\chi^2/\text{NDF}: 753109.6/24$

Right Out: 676.024+/-0.190 $\chi^2/\text{NDF}: 542826.3/9$

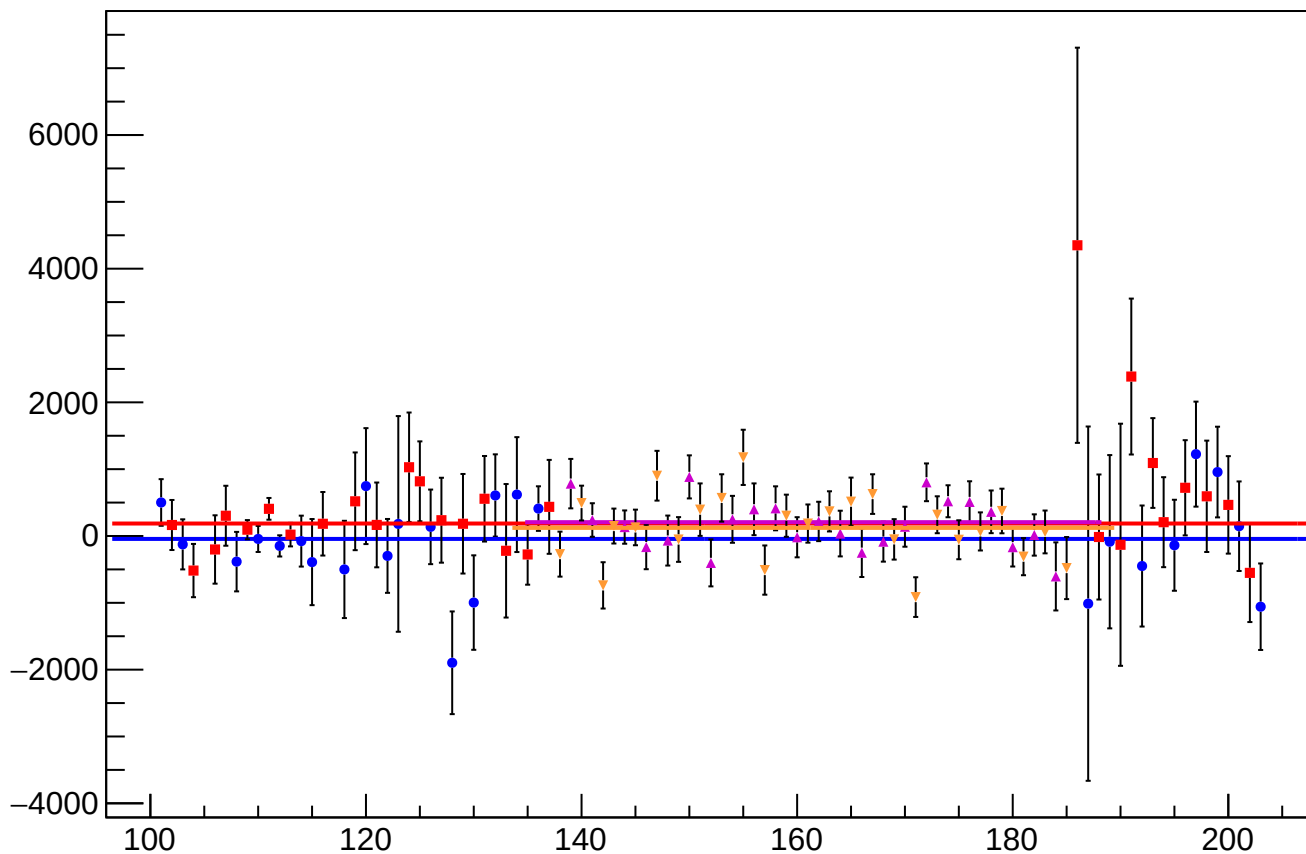
Left In: 280.628+/-0.048 $\chi^2/\text{NDF}: 587415.9/22$

+ sign 293.973+/-0.045 $\chi^2/\text{NDF}: 3895490.6/32$

All: 298.887+/-0.032 $\chi^2/\text{NDF}: 9118189.7/65$

- sign 304.093+/-0.046 $\chi^2/\text{NDF}: 5198138.2/32$

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: 186.676 ± 74.063 χ^2/NDF : 20.3/27

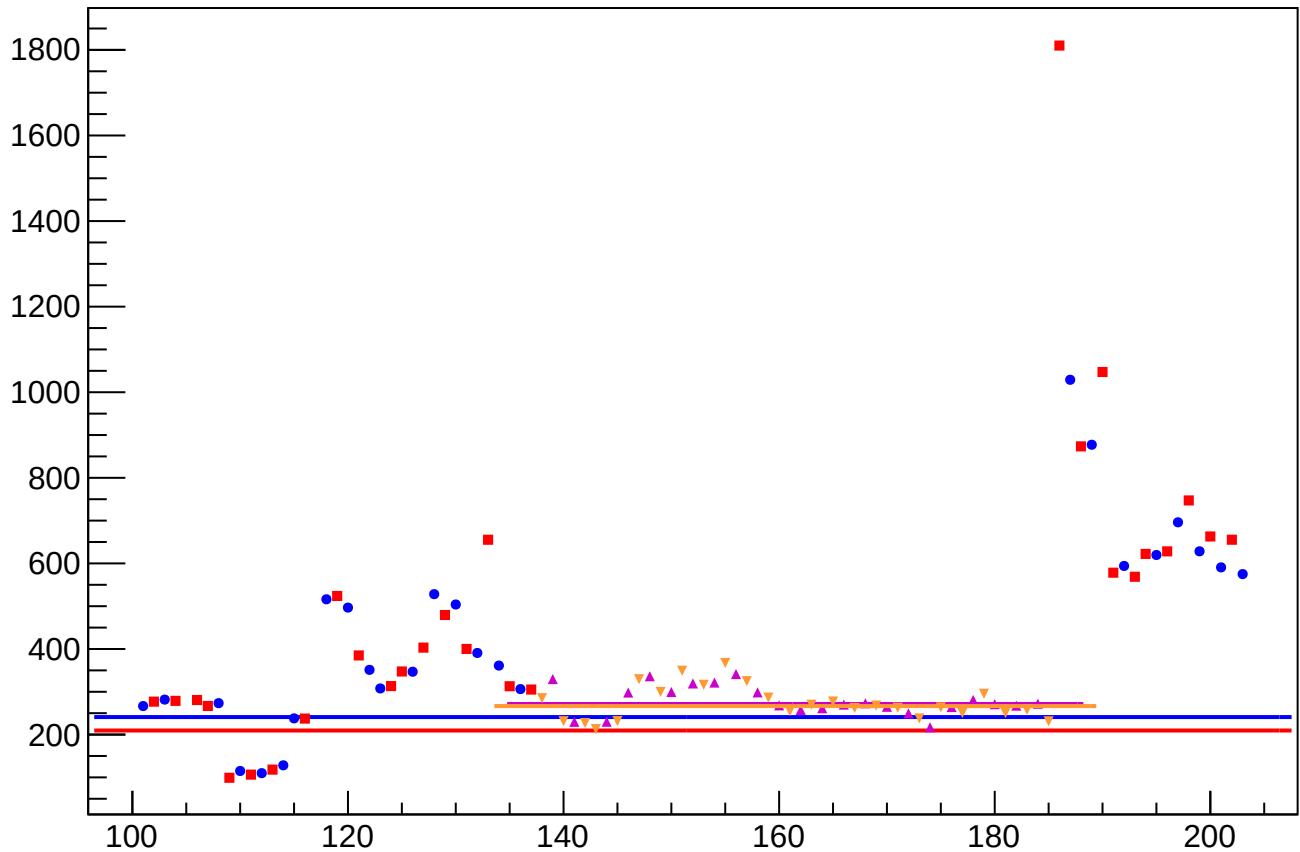
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 63.743 ± 50.788 χ^2/NDF : 75.6/49

All: 133.410 ± 35.248 χ^2/NDF : 127.4/100

- sign 198.145 ± 48.958 χ^2/NDF : 48.2/50

asym_sam8_rms vs Slug



Right In: 240.929+/-0.061 χ^2/NDF : 7810393.7/24

Left Out: 266.618+/-0.044 χ^2/NDF : 639230.8/24

Right Out: 209.484+/-0.052 χ^2/NDF : 11130645.6/27

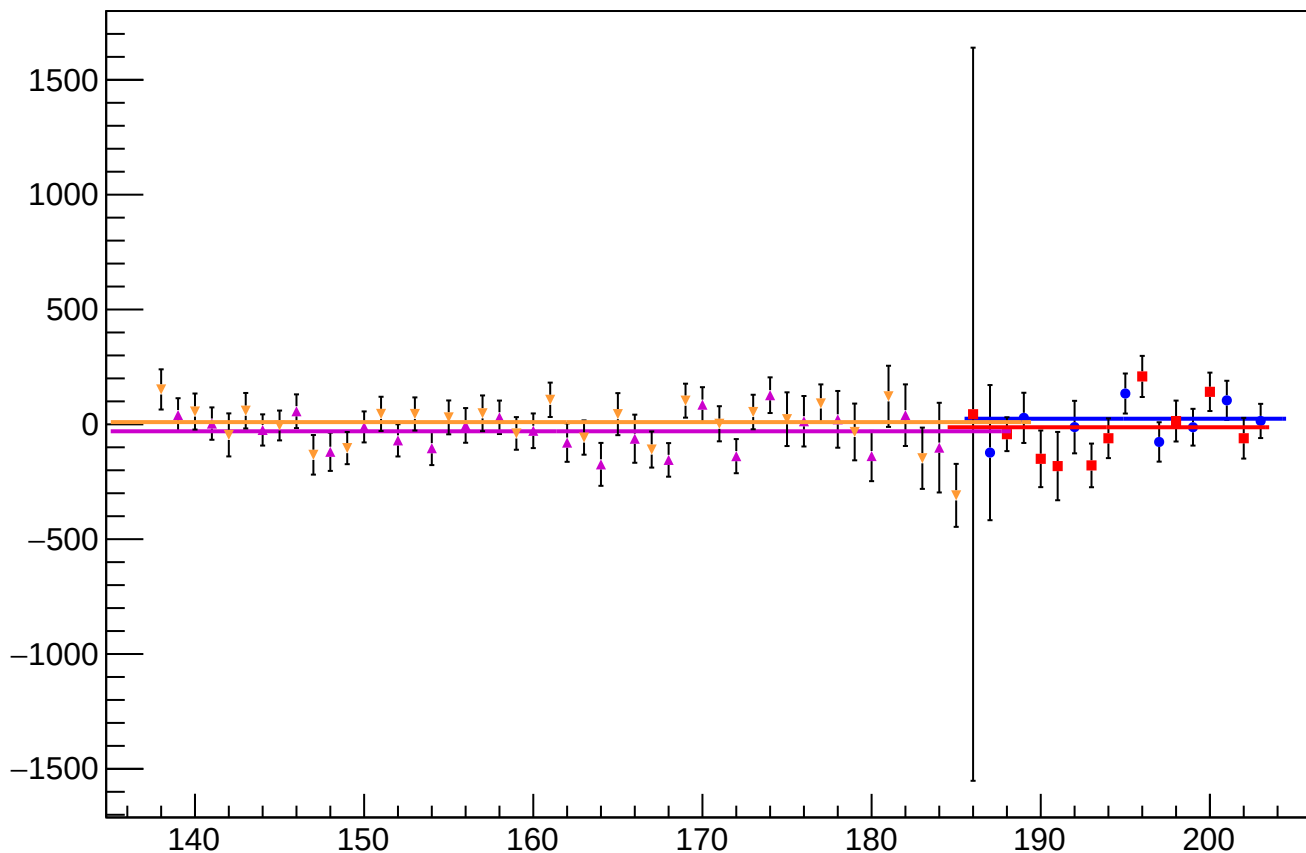
Left In: 271.451+/-0.046 χ^2/NDF : 530897.8/22

+ sign 257.671+/-0.036 χ^2/NDF : 8565758.2/49

All: 250.778+/-0.025 χ^2/NDF : 21086663.6/10

- sign 244.373+/-0.035 χ^2/NDF : 12449833.7/50

dit_asym_sam_15_avg_mean vs Slug



Right In: 24.446 ± 33.088 χ^2/NDF : 4.4/7

Left Out: 9.762 ± 16.463 χ^2/NDF : 25.9/24

Right Out: -12.702 ± 30.696 χ^2/NDF : 16.0/9

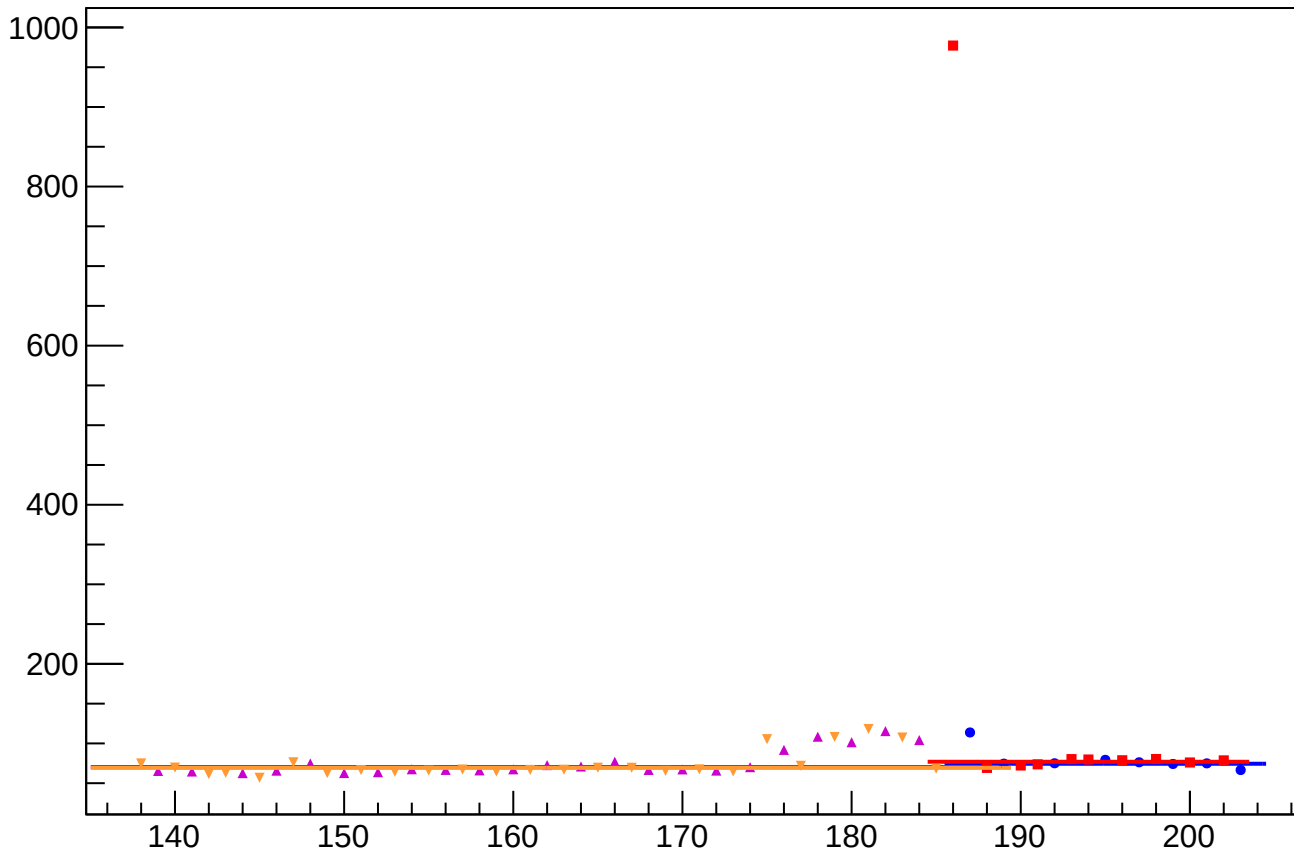
Left In: -30.236 ± 17.031 χ^2/NDF : 21.9/22

+ sign 12.676 ± 14.740 χ^2/NDF : 30.5/32

All: -6.517 ± 10.476 χ^2/NDF : 72.1/65

- sign -26.109 ± 14.892 χ^2/NDF : 38.1/32

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: 76.926 $\pm$ 0.022 χ^2 /NDF: 671502.3/9

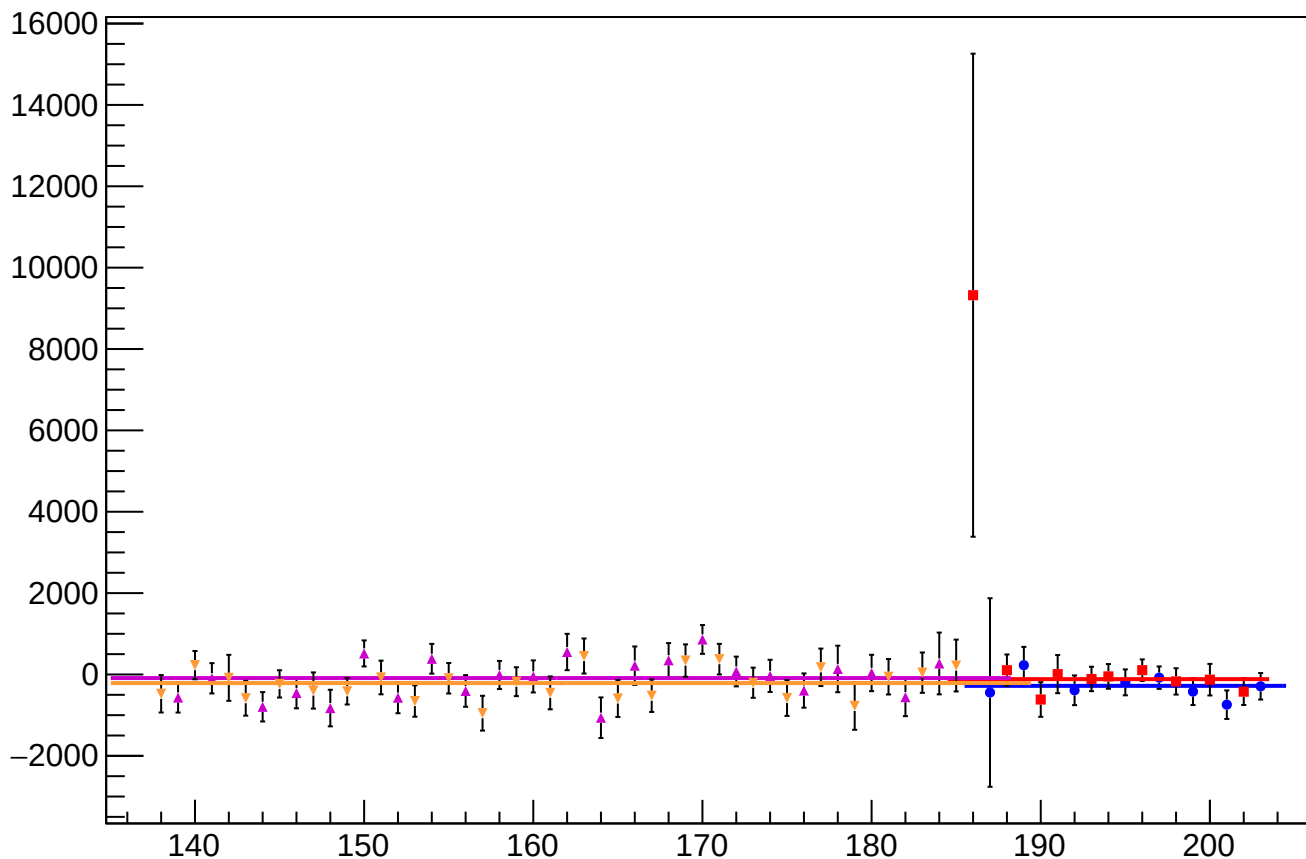
Left In: 70.322 $\pm$ 0.012 χ^2 /NDF:862105.7/22

+ sign 70.268 $\pm$ 0.010 χ^2 /NDF: 1111282.5/32

All: 71.064 $\pm$ 0.007 χ^2 /NDF: 2727466.7/65

- sign 71.877 $\pm$ 0.011 χ^2 /NDF: 1604392.9/32

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: -114.526+/-112.867 χ^2/NDF : 6.0/9

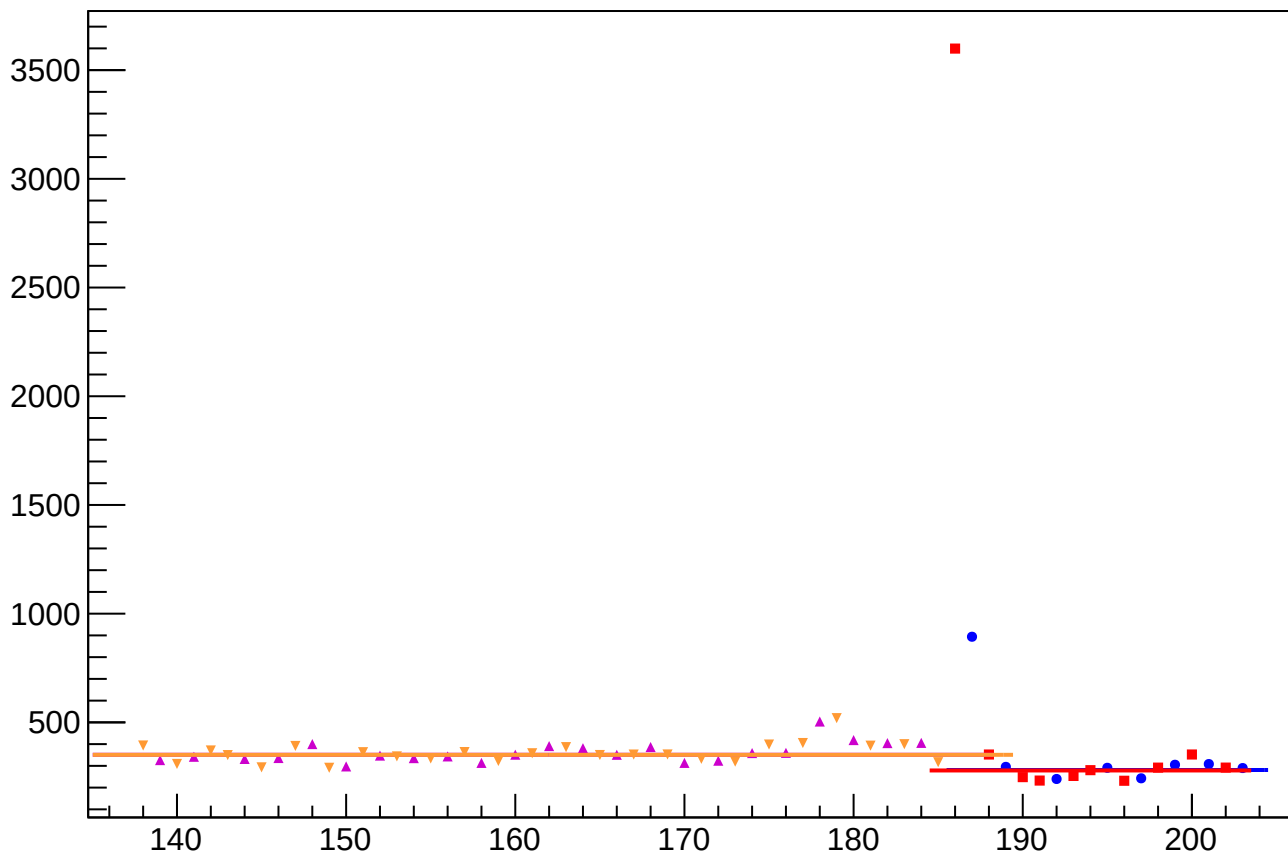
Left In: -88.062+/-84.309 χ^2/NDF : 33.5/22

+ sign -231.873+/-69.293 χ^2/NDF : 23.5/32

All: -162.991+/-48.368 χ^2/NDF : 64.9/65

- sign -97.540+/-67.545 χ^2/NDF : 39.4/32

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: 278.817+/-0.080 χ^2/NDF : 883921.7/9

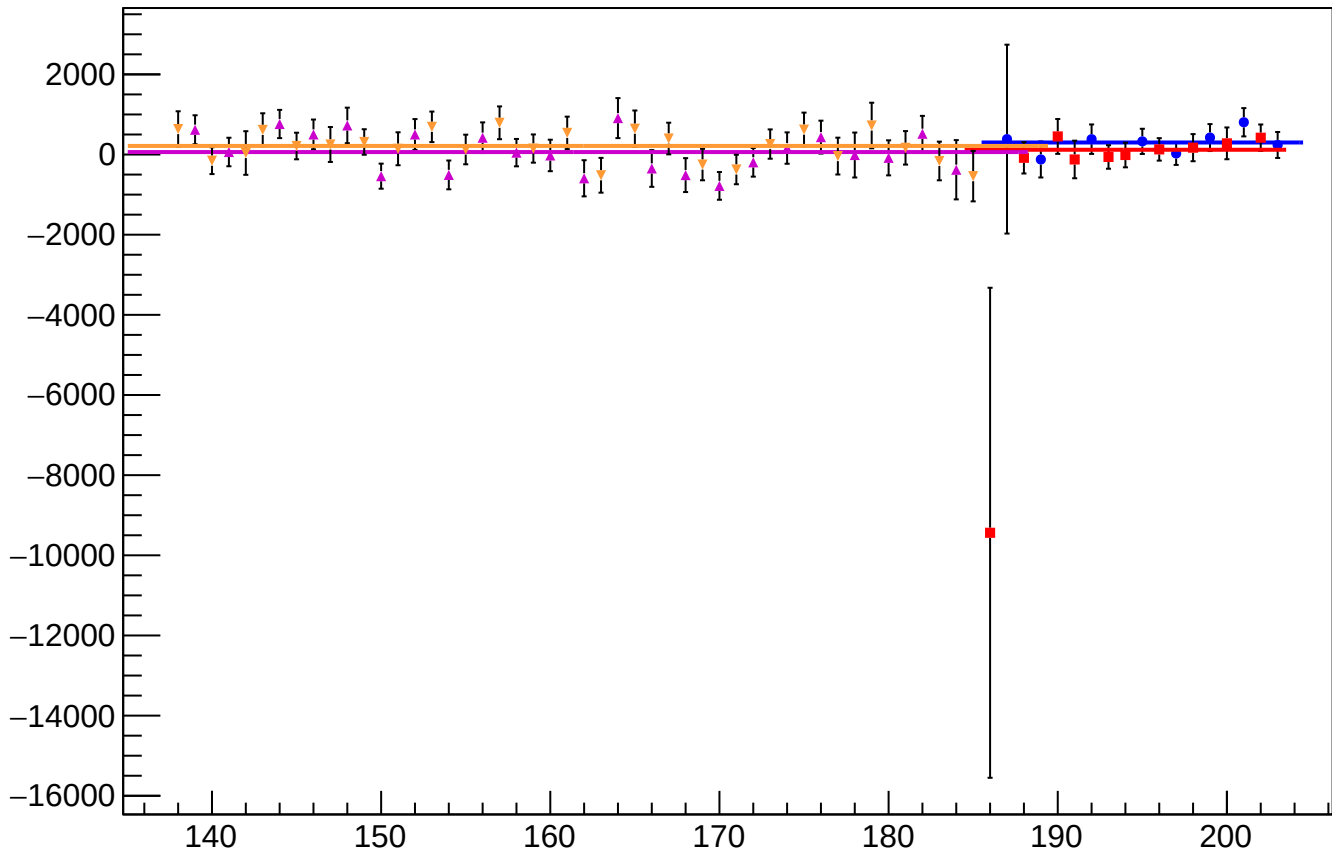
Left In: 350.944+/-0.060 χ^2/NDF : 424876.4/22

+ sign 329.883+/-0.049 χ^2/NDF : 1164411.0/32

All: 327.437+/-0.034 χ^2/NDF : 3002312.7/65

- sign 325.113+/-0.048 χ^2/NDF : 1833041.4/32

asym_sam_15_avg_mean vs Slug



Right In: 300.852 $\pm$ 127.706 χ^2/NDF : 4.1/7

Left Out: 215.214 $\pm$ 81.235 χ^2/NDF : 19.6/24

Right Out: 119.074 $\pm$ 115.028 χ^2/NDF : 5.1/9

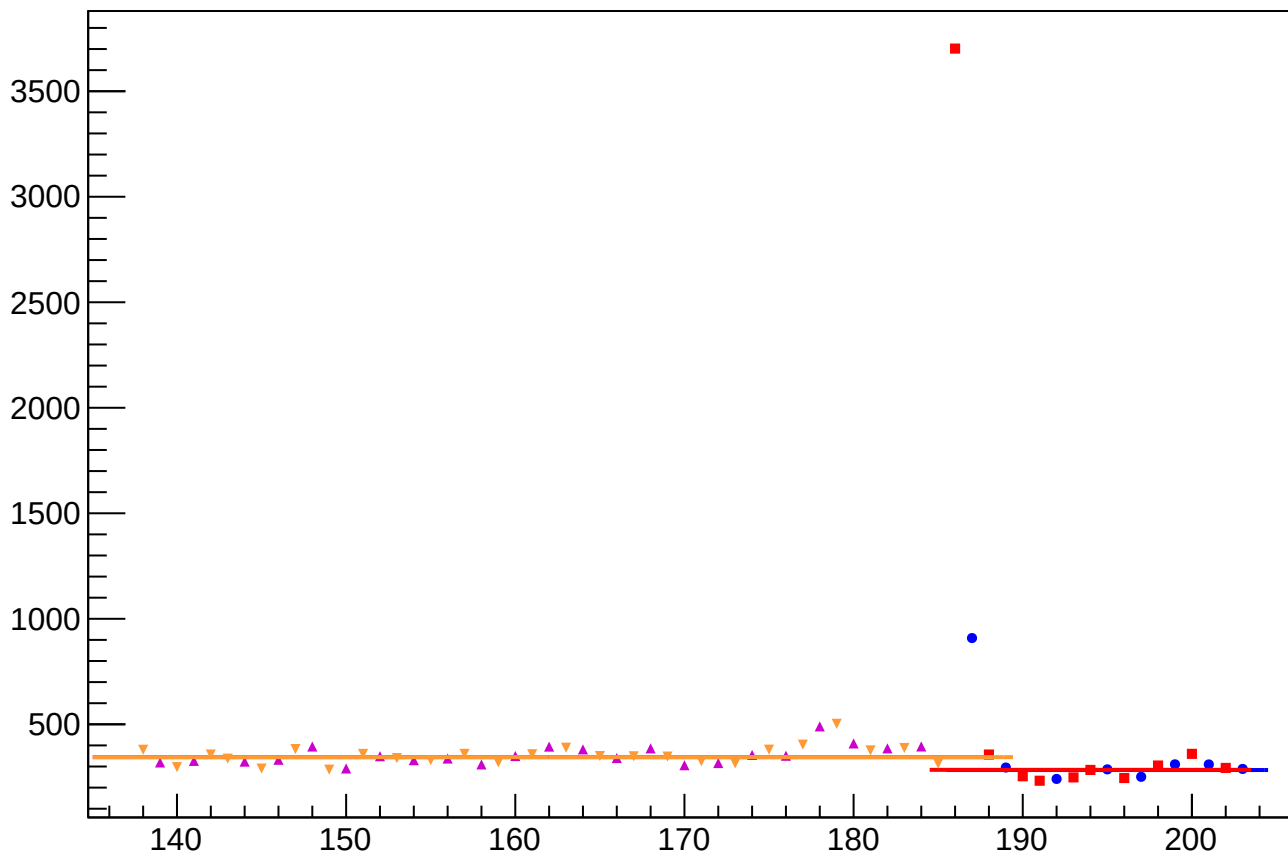
Left In: 61.730 $\pm$ 82.841 χ^2/NDF : 34.9/22

+ sign 239.883 $\pm$ 68.543 χ^2/NDF : 24.0/32

All: 159.058 $\pm$ 47.993 χ^2/NDF : 66.9/65

- sign 81.315 $\pm$ 67.223 χ^2/NDF : 40.2/32

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: 284.248+/-0.081 χ^2/NDF : 877845.8/9

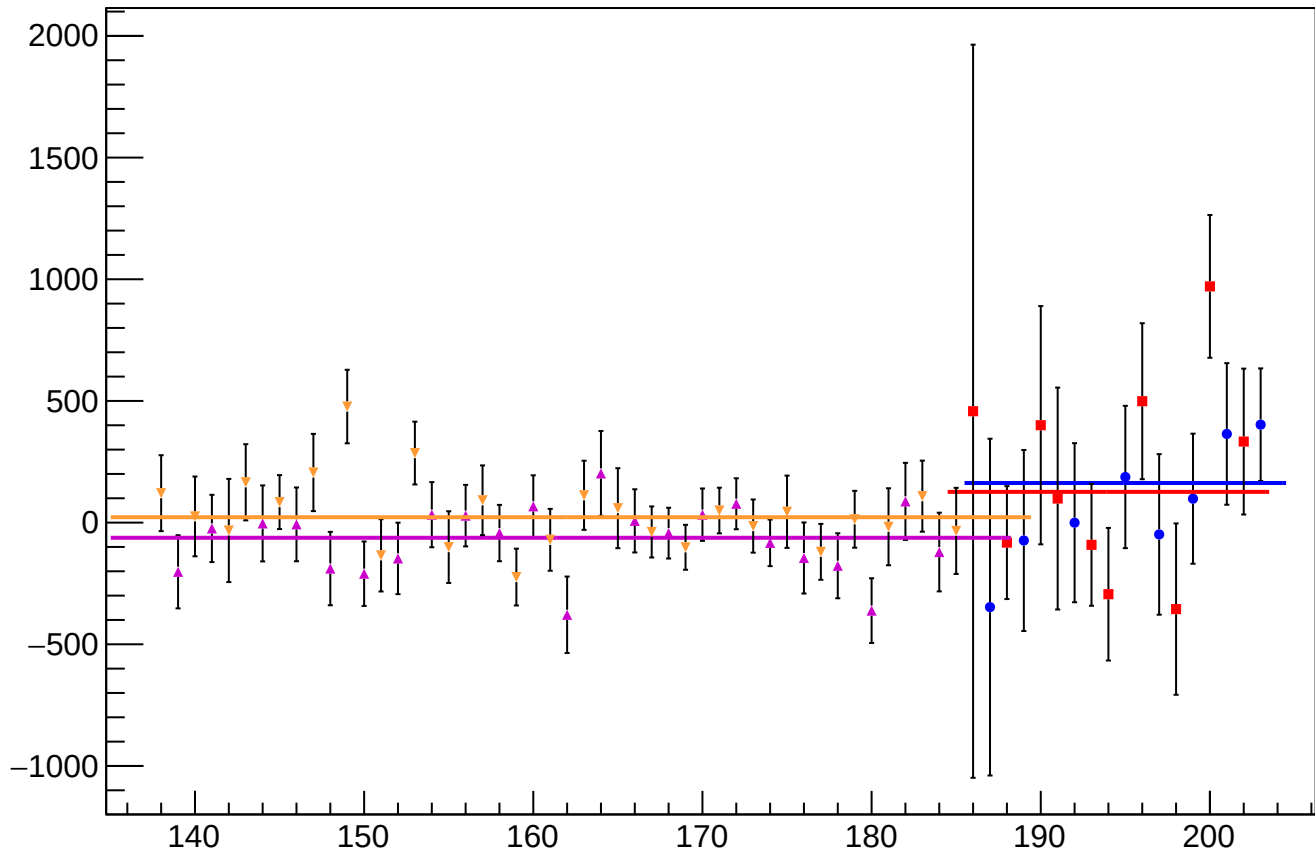
Left In: 344.475+/-0.059 χ^2/NDF : 433401.7/22

+ sign 326.837+/-0.048 χ^2/NDF : 1033233.7/32

All: 325.343+/-0.034 χ^2/NDF : 2707378.0/65

- sign 323.906+/-0.048 χ^2/NDF : 1672279.4/32

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: 126.357 ± 101.020 χ^2/NDF : 16.3/9

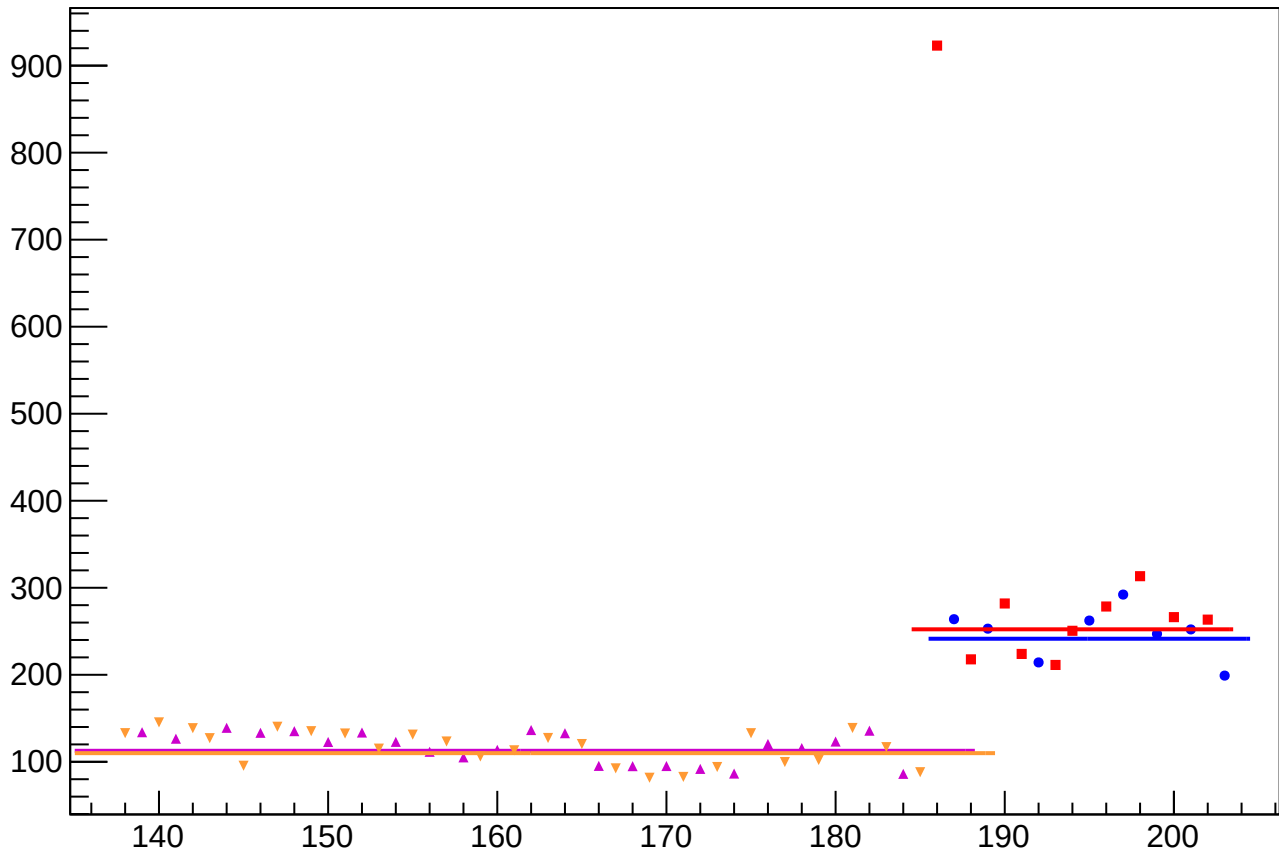
Left In: -62.310 ± 27.398 χ^2/NDF : 22.0/22

+ sign 29.887 ± 25.552 χ^2/NDF : 32.9/32

All: -8.391 ± 18.375 χ^2/NDF : 79.1/65

- sign -49.383 ± 26.443 χ^2/NDF : 41.6/32

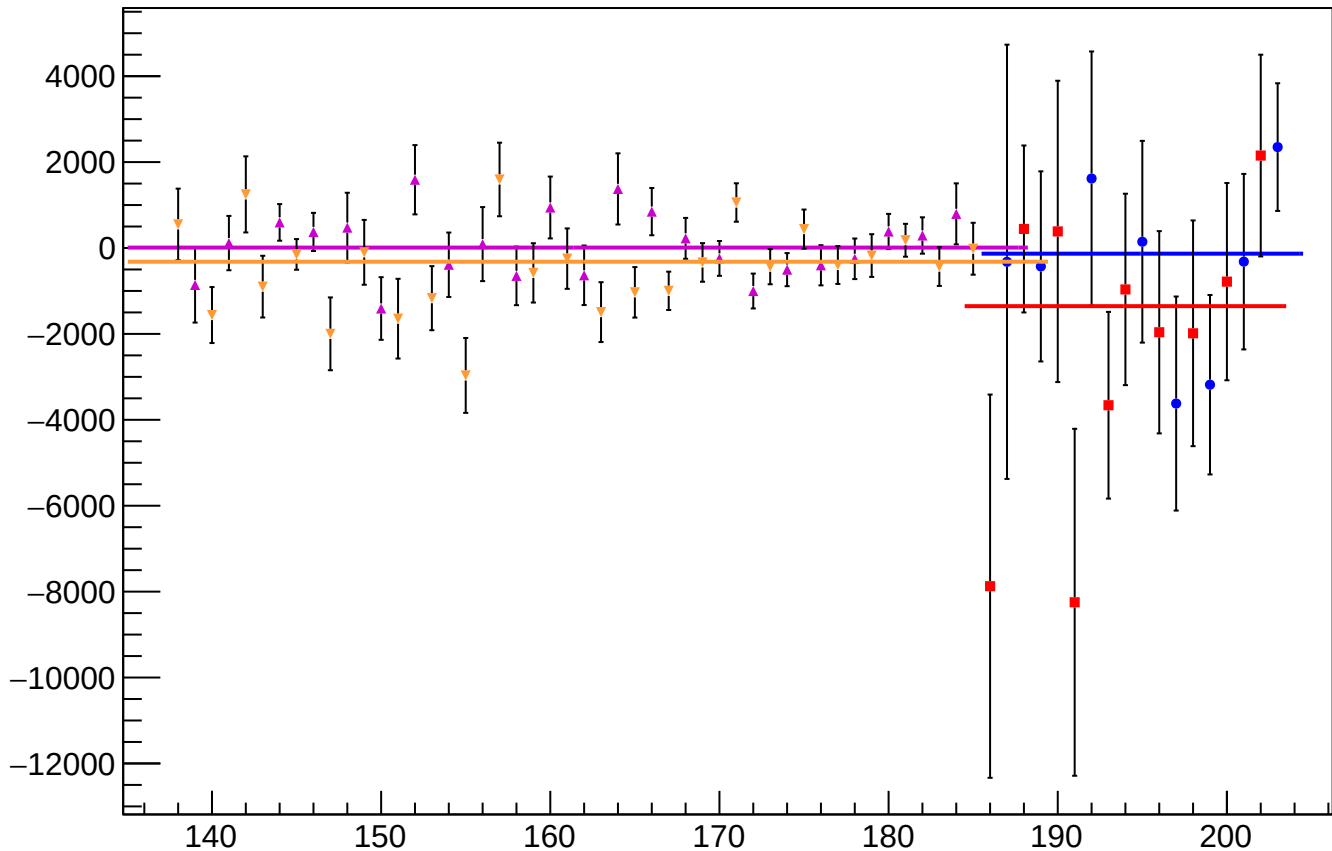
dit_asym_sam_26_avg_rms vs Slug



Right In: 241.424 $\pm$ 0.077 χ^2 /NDF: 146135.5/7
Left Out: 109.953 $\pm$ 0.019 χ^2 /NDF:1140626.9/24
Right Out: 252.258 $\pm$ 0.071 χ^2 /NDF: 590302.2/9
Left In: 112.657 $\pm$ 0.019 χ^2 /NDF:835831.1/22

+ sign 117.170 $\pm$ 0.018 χ^2 /NDF: 4033659.6/32
All: 119.609 $\pm$ 0.013 χ^2 /NDF: 9055249.6/65
- sign 122.222 $\pm$ 0.019 χ^2 /NDF: 4983830.2/32

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: -1354.037 ± 798.880 χ^2/NDF : 9.7/9

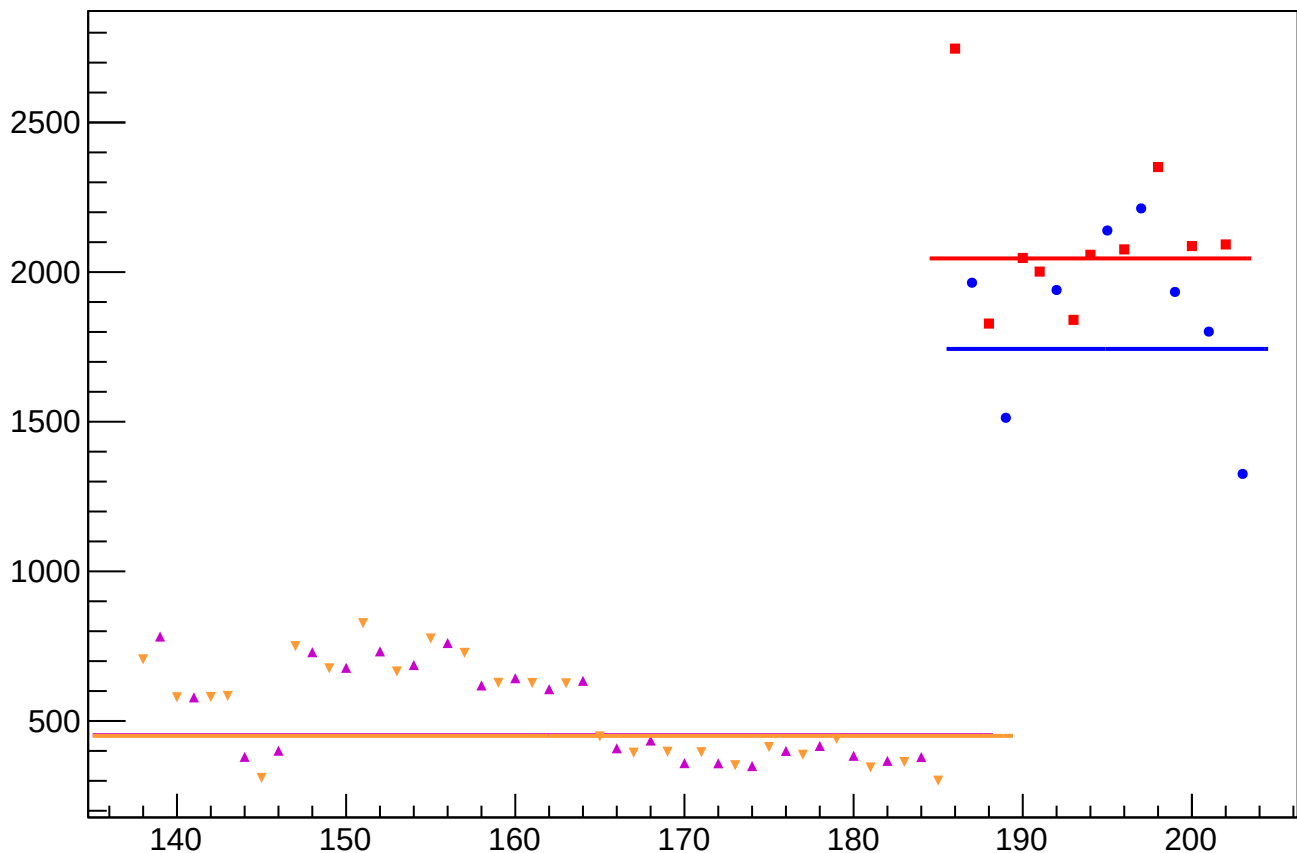
Left In: 9.462 ± 112.340 χ^2/NDF : 32.5/22

+ sign -315.764 ± 109.233 χ^2/NDF : 58.9/32

All: -169.098 ± 77.941 χ^2/NDF : 107.6/65

- sign -16.978 ± 111.246 χ^2/NDF : 45.1/32

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: 2045.718 ± 0.565 χ^2/NDF : 121429.3/9

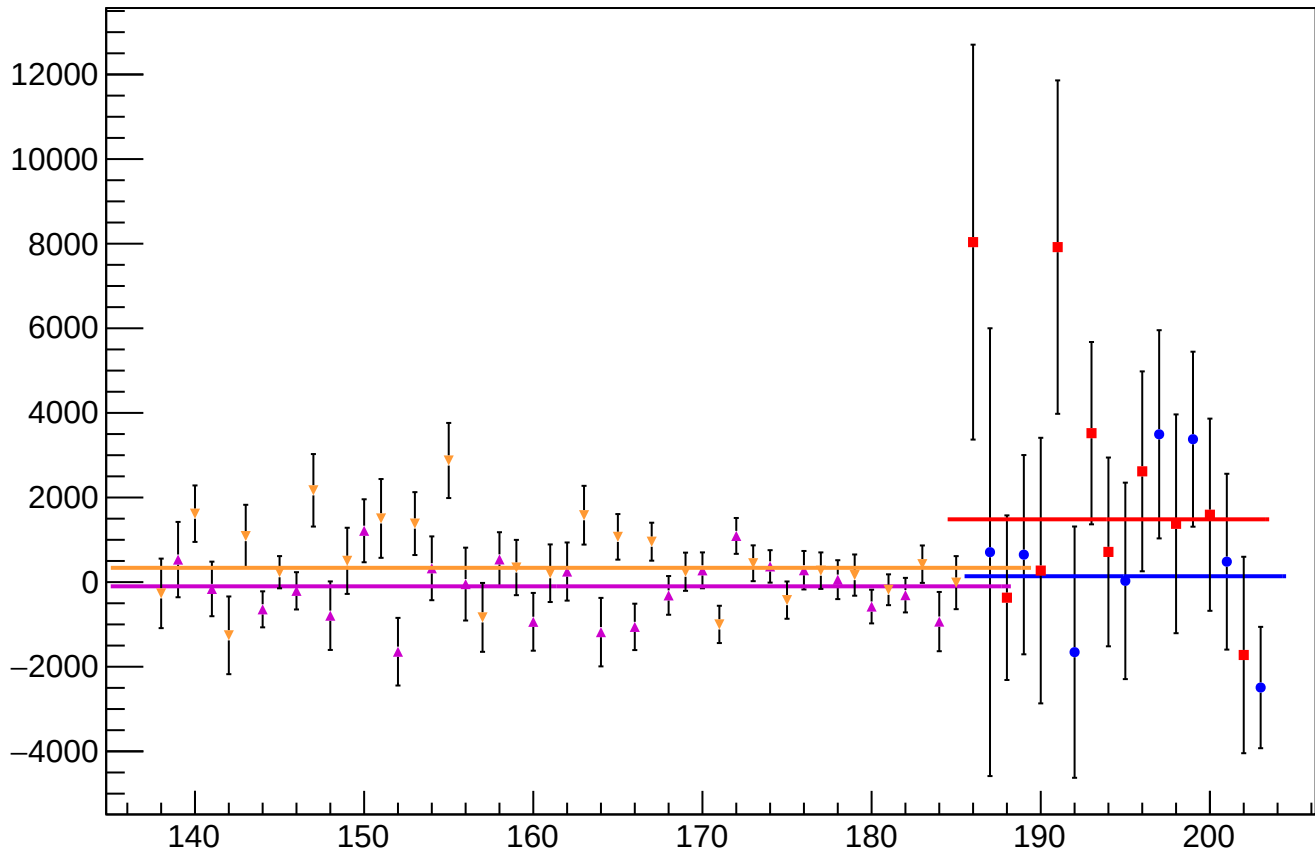
Left In: 452.694 ± 0.079 χ^2/NDF : 2586032.2/22

+ sign 475.378 ± 0.077 χ^2/NDF : 8751089.6/32

All: 479.406 ± 0.055 χ^2/NDF : 19262529.7/65

- sign 483.585 ± 0.079 χ^2/NDF : 10505898.6/32

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: 1484.365 $\pm$ 790.517 χ^2 /NDF: 8.8/9

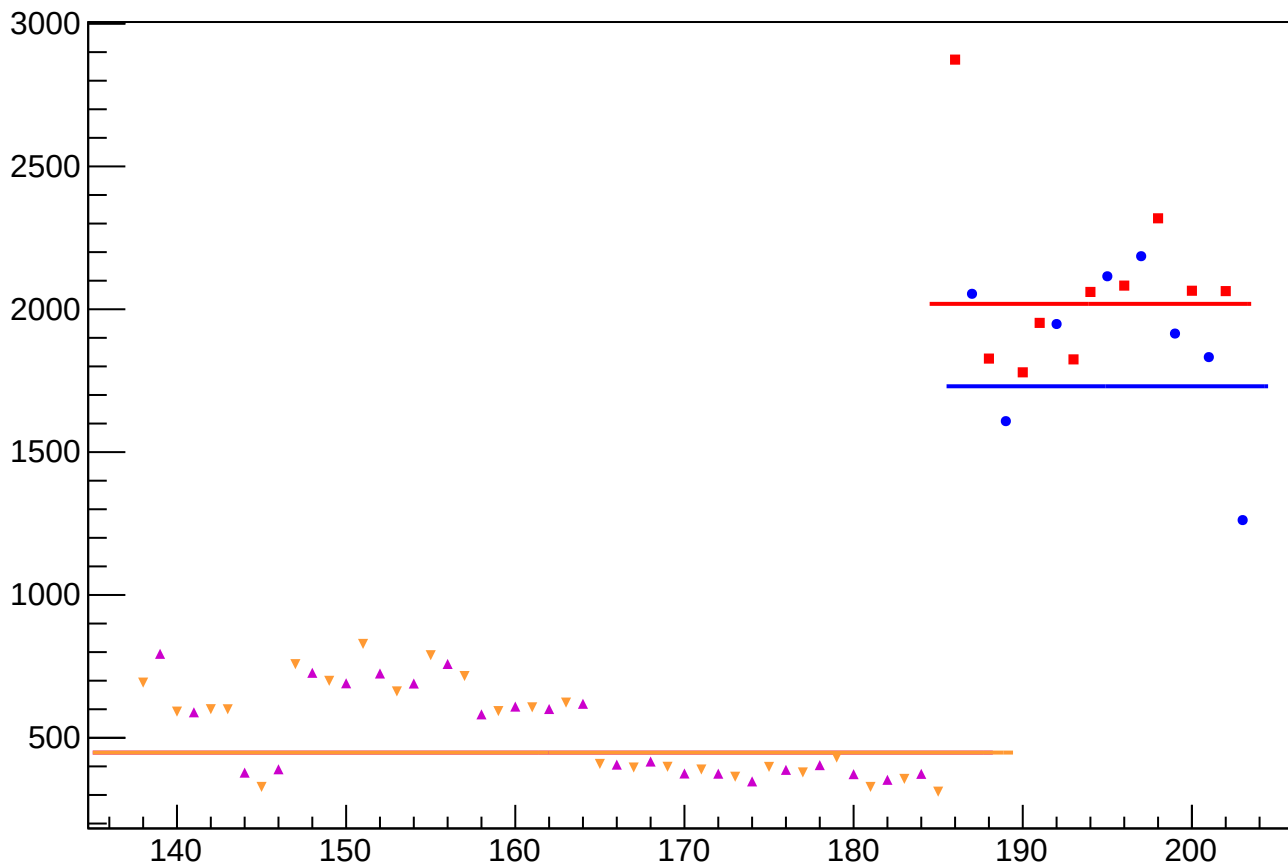
Left In: -99.475 $\pm$ 111.475 χ^2 /NDF: 32.1/22

+ sign 334.111 $\pm$ 108.766 χ^2 /NDF: 56.8/32

All: 135.730 $\pm$ 77.474 χ^2 /NDF: 108.4/65

- sign -68.594 $\pm$ 110.383 χ^2 /NDF: 44.8/32

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: 2018.916+/-0.559 χ^2/NDF : 145518.6/9

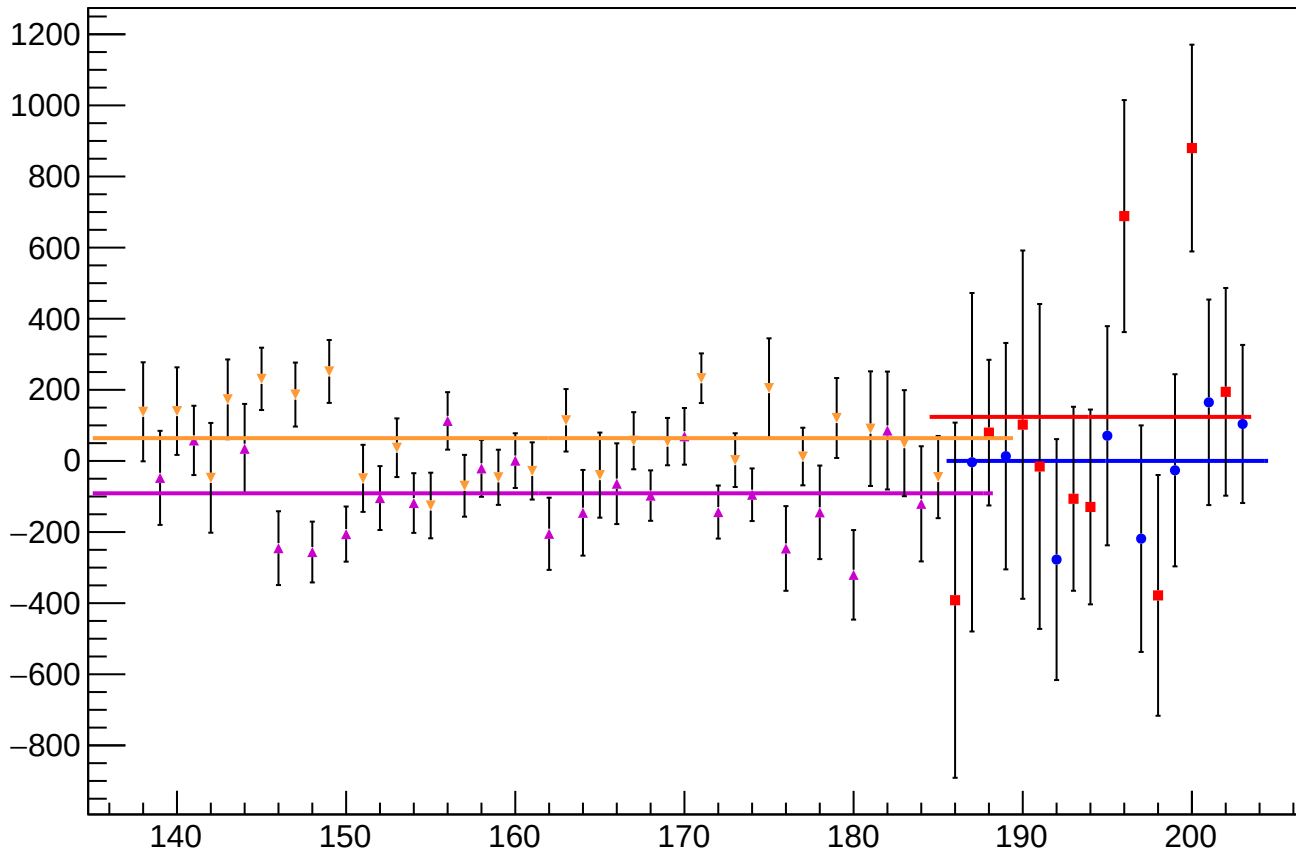
Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

+ sign 473.139+/-0.077 χ^2/NDF : 8717585.2/32

All: 475.959+/-0.055 χ^2/NDF : 19170882.4/65

- sign 478.863+/-0.078 χ^2/NDF : 10450568.8/32

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: 123.879 ± 96.802 χ^2/NDF : 14.9/9

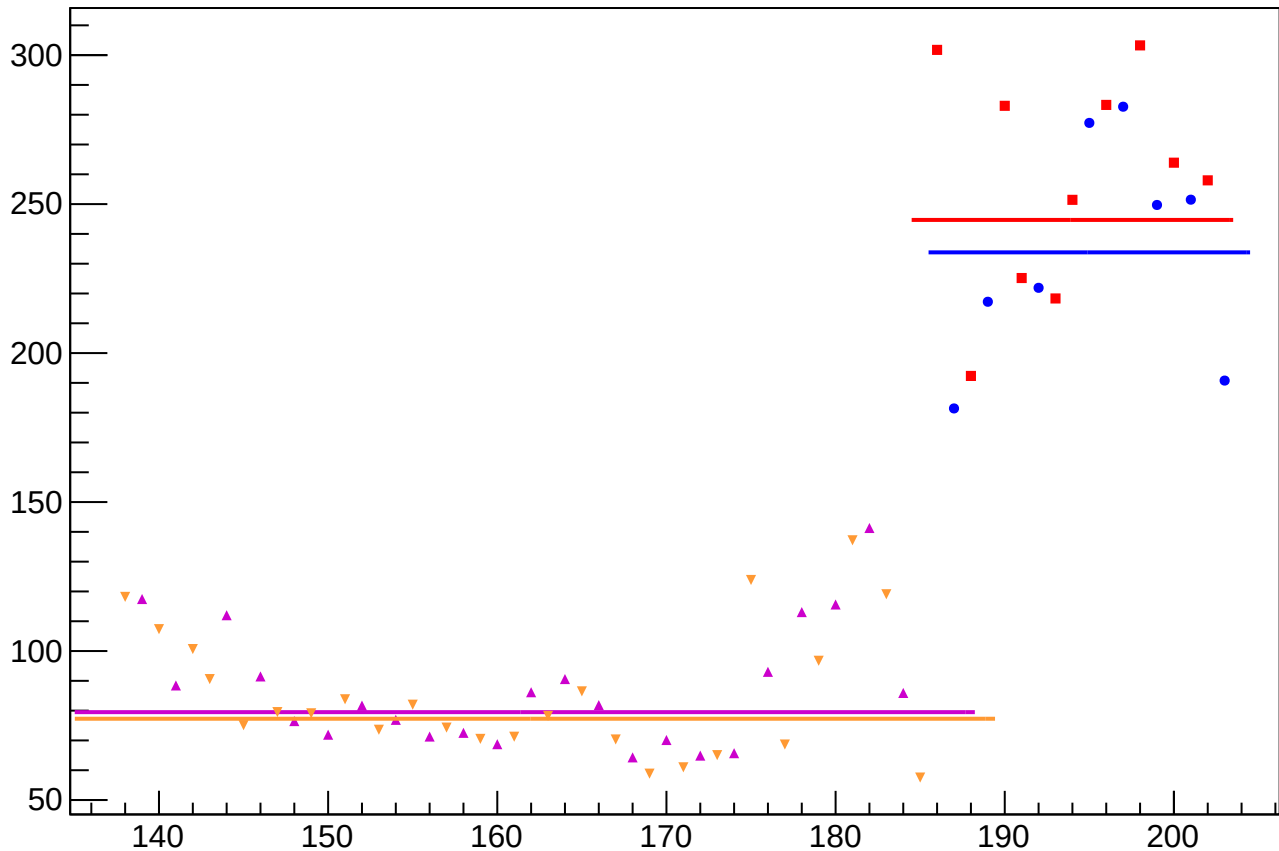
Left In: -91.028 ± 19.637 χ^2/NDF : 32.6/22

+ sign 62.197 ± 18.441 χ^2/NDF : 35.9/32

All: -7.081 ± 13.315 χ^2/NDF : 117.6/65

- sign -82.534 ± 19.245 χ^2/NDF : 52.2/32

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: 244.690 $\pm$ 0.068 χ^2 /NDF: 295318.1/9

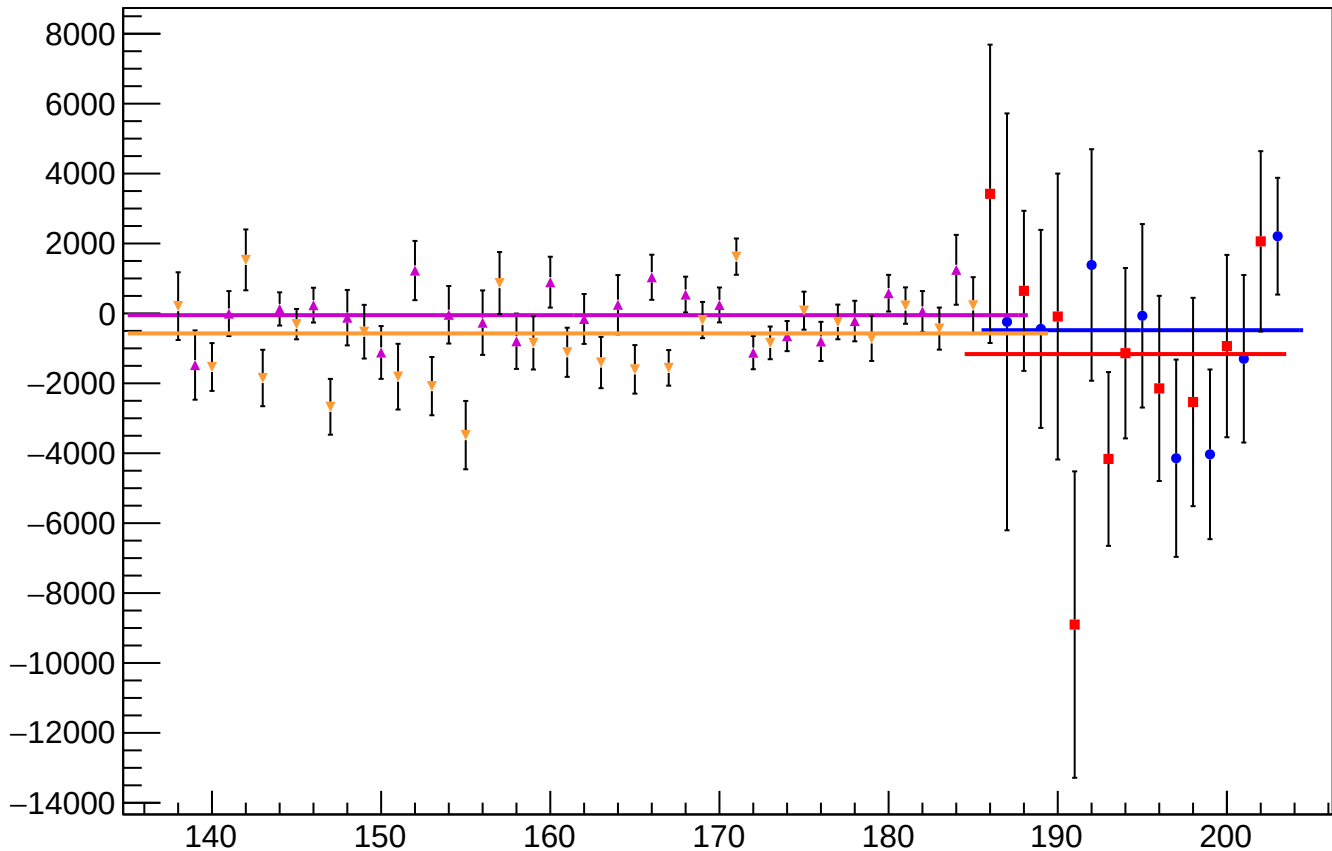
Left In: 79.491 $\pm$ 0.014 χ^2 /NDF:1333774.9/22

+ sign 82.031 $\pm$ 0.013 χ^2 /NDF: 6002754.0/32

All: 83.941 $\pm$ 0.009 χ^2 /NDF: 13271127.4/65

- sign 86.021 $\pm$ 0.014 χ^2 /NDF: 7223558.0/32

asym_sam_37_avg_correction_mean vs Slug



Right In: -480.461 ± 906.458 χ^2/NDF : 6.9/7

Left Out: -571.669 ± 128.158 χ^2/NDF : 66.8/24

Right Out: -1162.962 ± 898.002 χ^2/NDF : 8.3/9

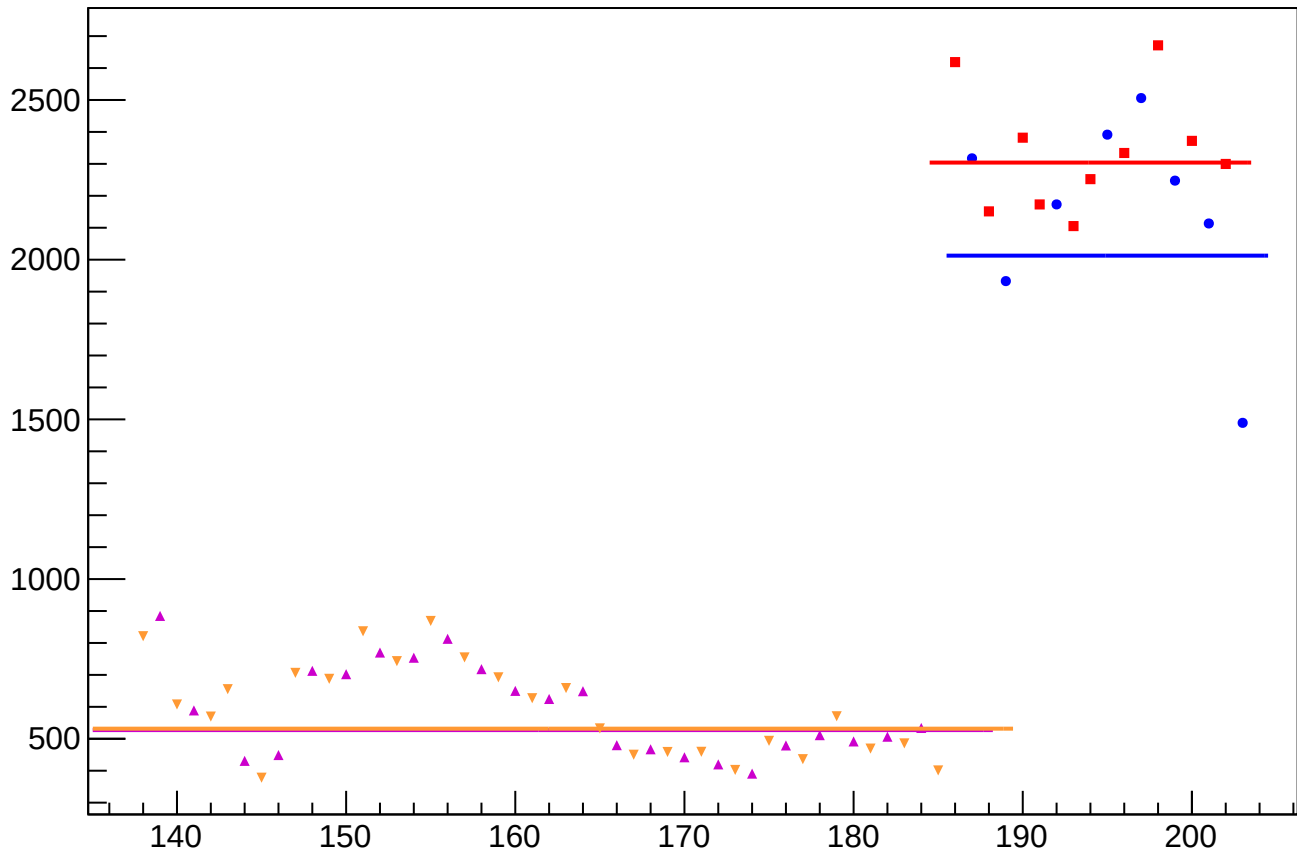
Left In: -50.077 ± 129.187 χ^2/NDF : 26.1/22

+ sign -569.881 ± 126.896 χ^2/NDF : 73.7/32

All: -323.163 ± 90.071 χ^2/NDF : 117.3/65

- sign -72.642 ± 127.870 χ^2/NDF : 36.0/32

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: 2304.046 $\pm$ 0.635 χ^2 /NDF: 67958.2/9

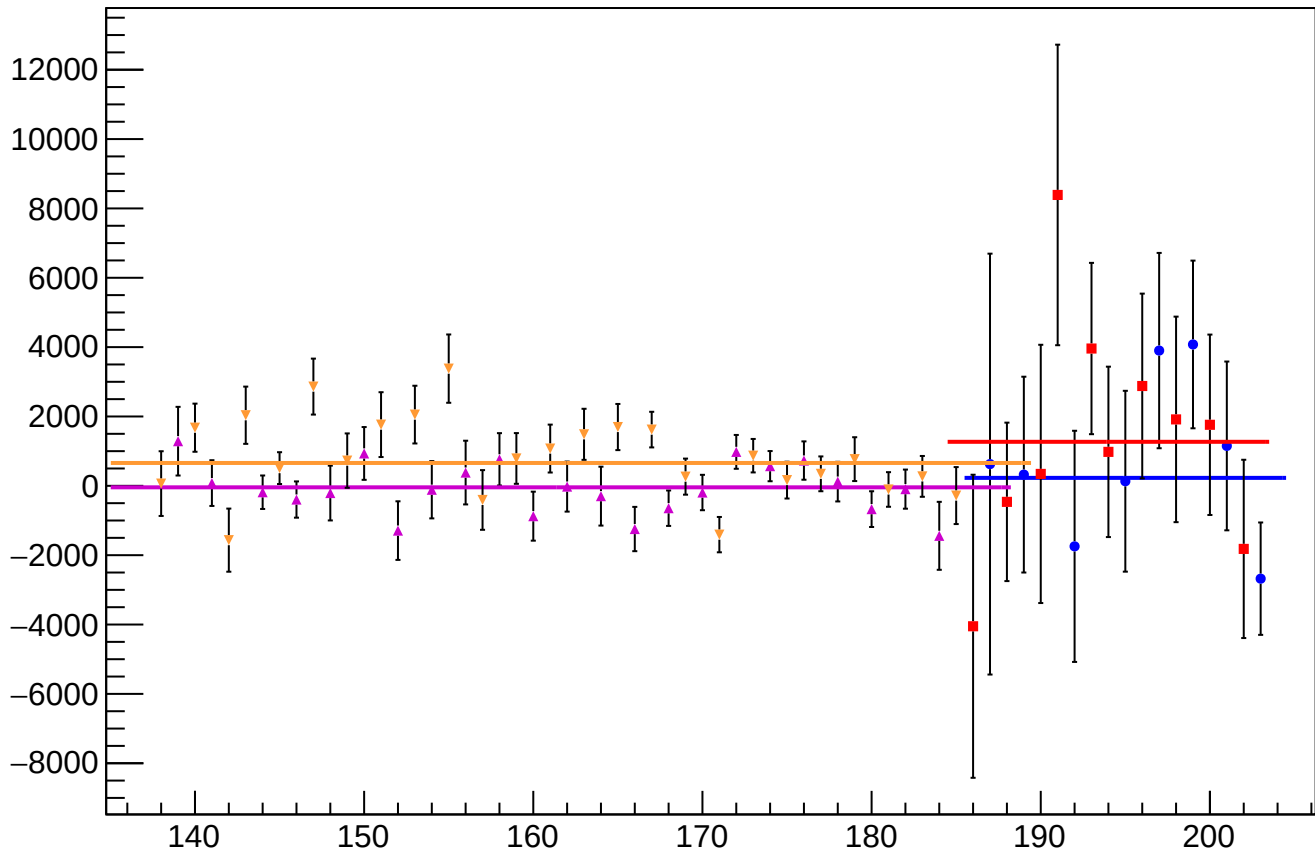
Left In: 527.182 $\pm$ 0.091 χ^2 /NDF: 1813383.7/22

+ sign 560.667 $\pm$ 0.090 χ^2 /NDF: 7605567.5/32

All: 561.929 $\pm$ 0.064 χ^2 /NDF: 17158927.4/65

- sign 563.210 $\pm$ 0.090 χ^2 /NDF: 9552961.3/32

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: 1269.677 $\pm$ 893.486 χ^2 /NDF: 7.9/9

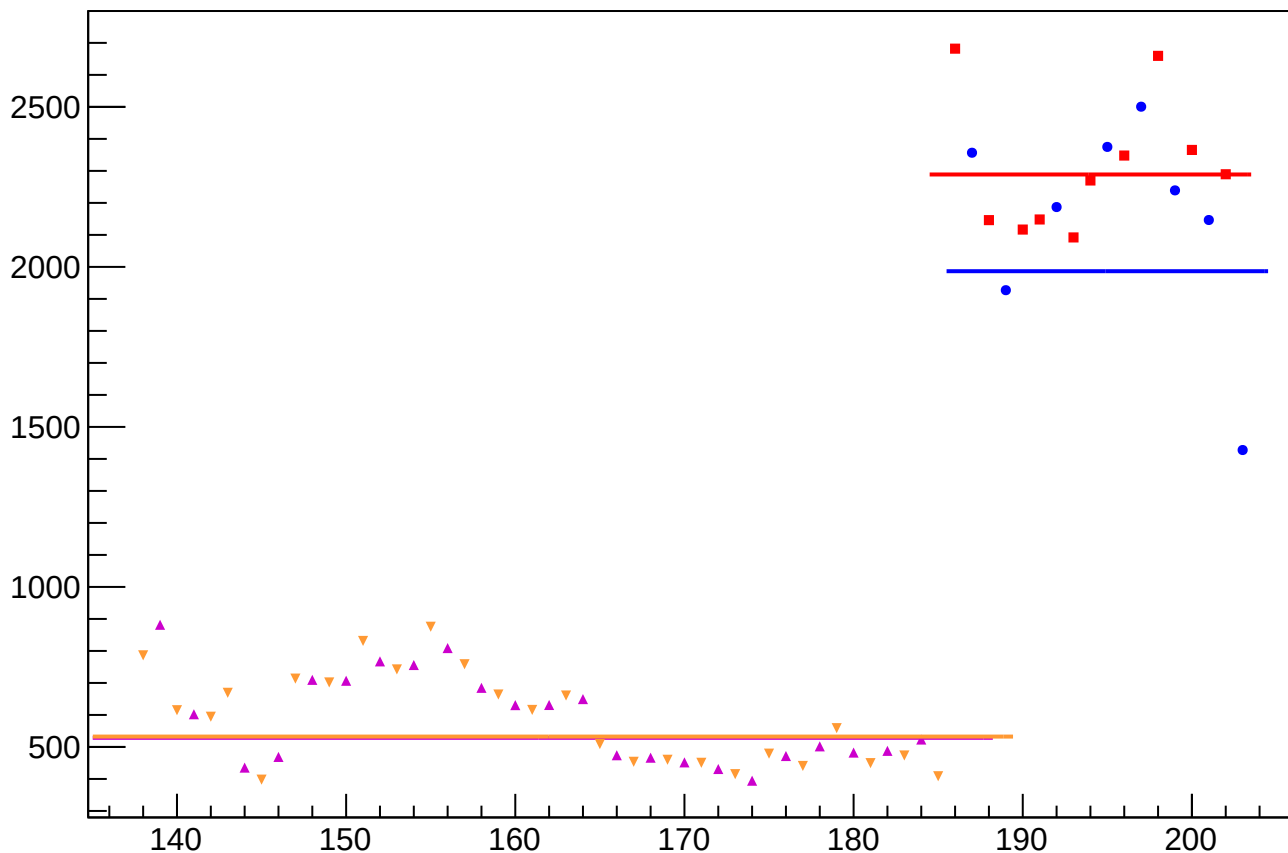
Left In: -43.183 $\pm$ 129.538 χ^2 /NDF:26.0/22

+ sign 650.966 $\pm$ 126.882 χ^2 /NDF: 70.6/32

All: 320.845 $\pm$ 90.181 χ^2 /NDF: 120.3/65

- sign -16.156 $\pm$ 128.198 χ^2 /NDF: 36.1/32

asym_sam_37_avg_rms vs Slug



Right In: 1986.576 +/- 0.636 χ^2/NDF : 394809.0/7

Left Out: 532.393 +/- 0.091 χ^2/NDF : 1943066.8/24

Right Out: 2288.780 +/- 0.632 χ^2/NDF : 77165.0/9

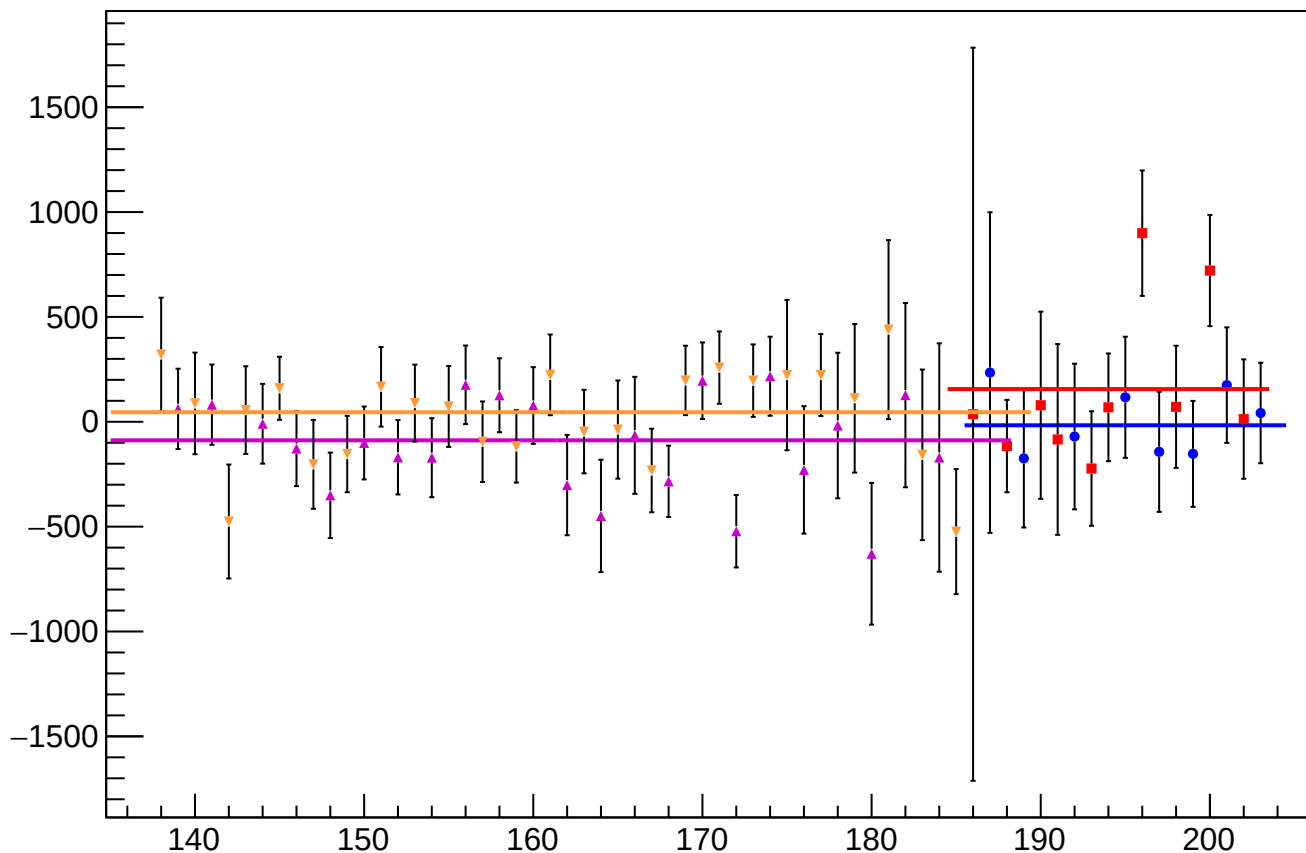
Left In: 528.464 +/- 0.092 χ^2/NDF : 1712049.5/22

+ sign 561.339 +/- 0.090 χ^2/NDF : 7463097.9/32

All: 563.004 +/- 0.064 χ^2/NDF : 16856308.0/65

- sign 564.703 +/- 0.091 χ^2/NDF : 9392514.4/32

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: 155.931 ± 95.836 χ^2/NDF : 14.9/9

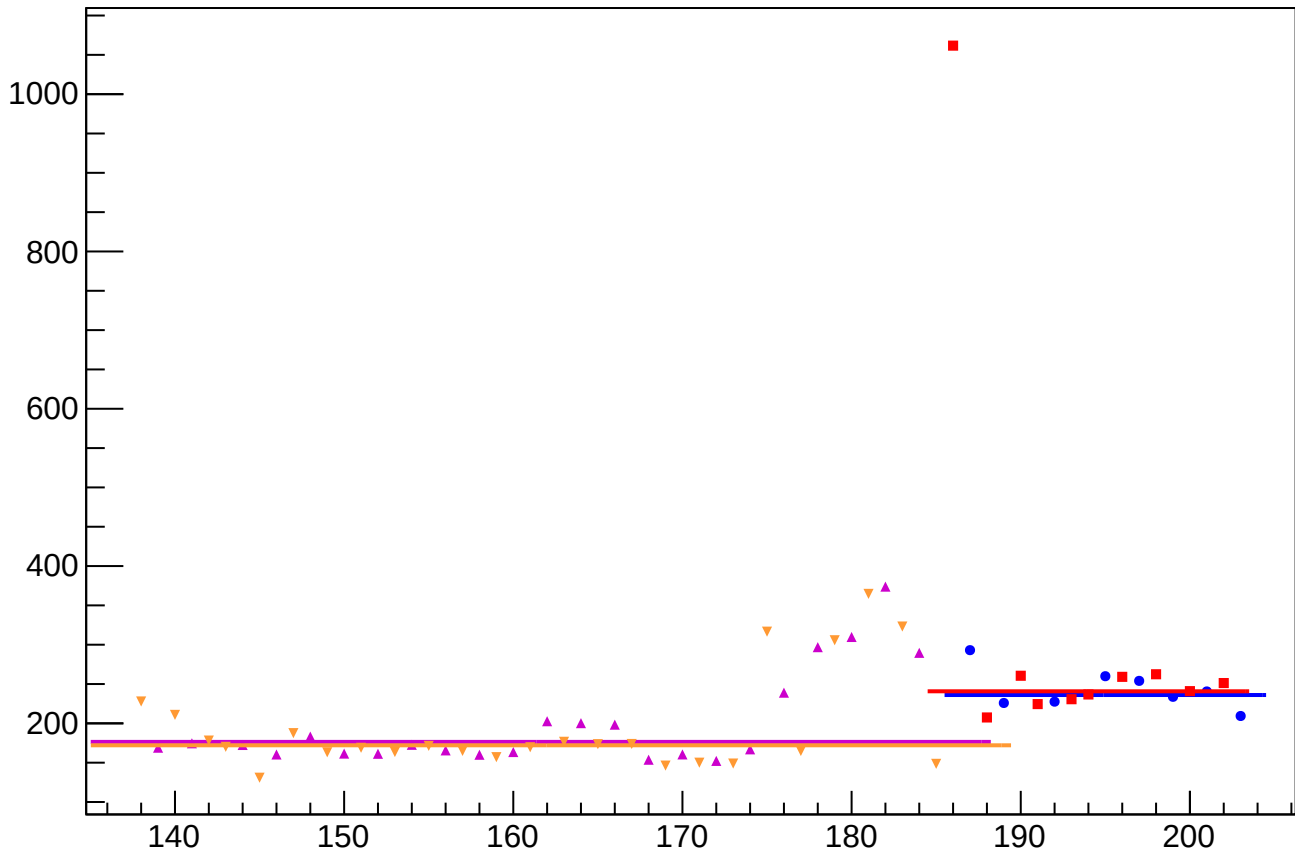
Left In: -88.356 ± 43.518 χ^2/NDF : 26.4/22

+ sign 37.231 ± 38.848 χ^2/NDF : 23.8/32

All: -3.853 ± 27.740 χ^2/NDF : 72.8/65

- sign -46.595 ± 39.624 χ^2/NDF : 46.7/32

dit_asym_sam_48_avg_rms vs Slug



Right In: 236.028+/-0.075 χ^2/NDF : 61311.2/7

Left Out: 172.097+/-0.030 χ^2/NDF : 1752497.1/24

Right Out: 240.765+/-0.068 χ^2/NDF : 517827.2/9

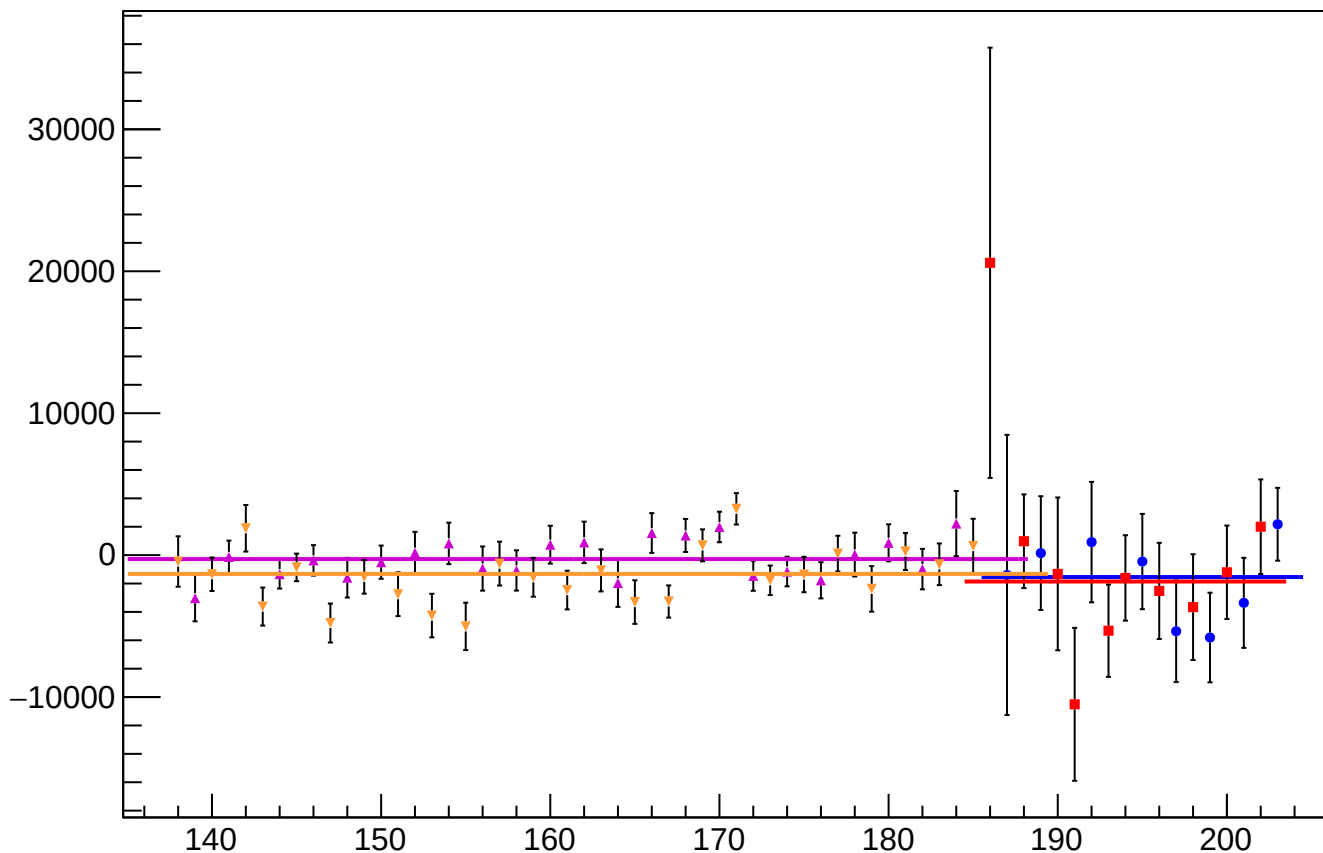
Left In: 176.425+/-0.031 χ^2/NDF : 1360607.7/22

+ sign 180.751+/-0.027 χ^2/NDF : 2447771.0/32

All: 184.021+/-0.020 χ^2/NDF : 5102460.5/65

- sign 187.424+/-0.028 χ^2/NDF : 2625771.2/32

asym_sam_48_avg_correction_mean vs Slug



Right In: -1543.812 ± 1243.626 $\chi^2/\text{NDF}: 6.0/7$

Left Out: -1324.367 ± 265.950 $\chi^2/\text{NDF}: 53.6/24$

Right Out: -1859.040 ± 1185.502 $\chi^2/\text{NDF}: 8.3/9$

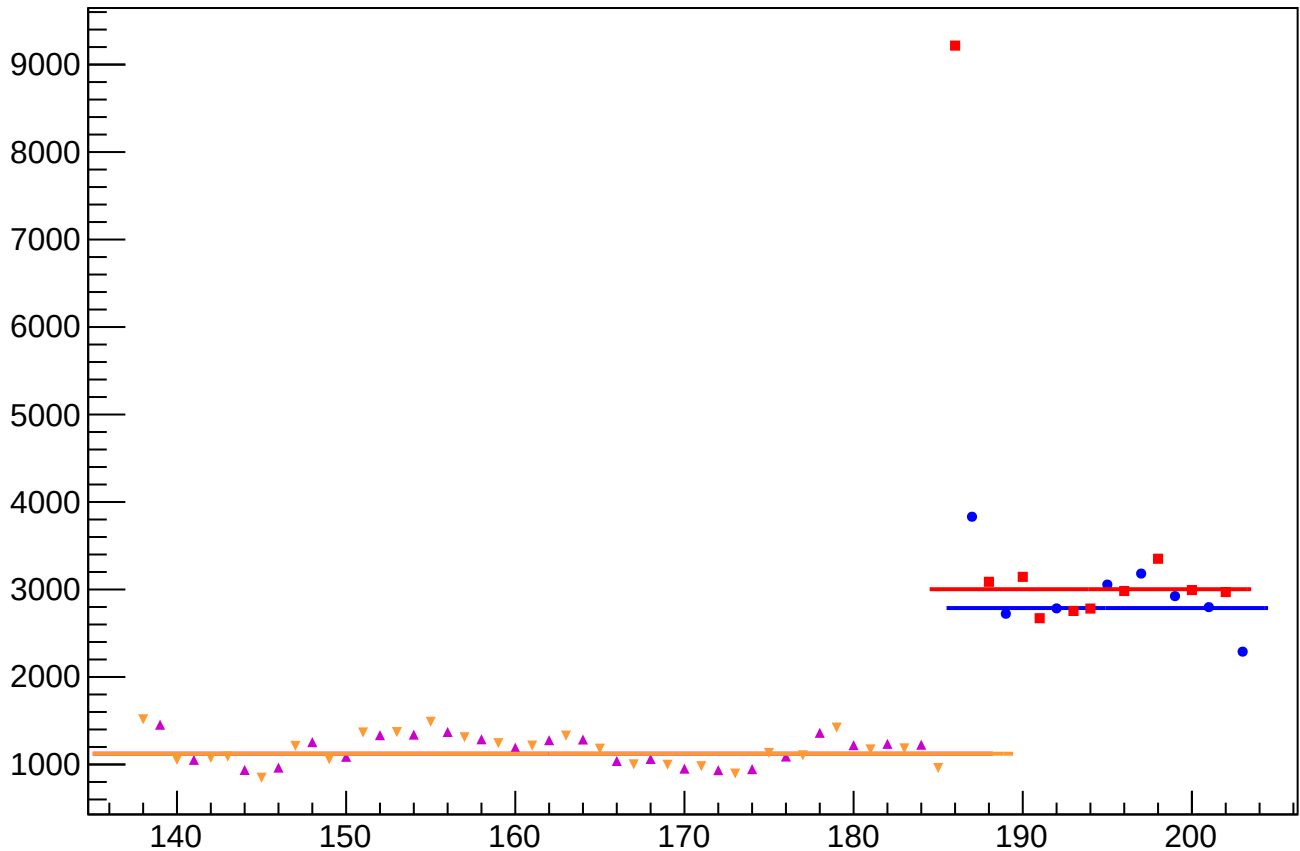
Left In: -276.678 ± 270.547 $\chi^2/\text{NDF}: 22.0/22$

+ sign -1333.963 ± 260.070 $\chi^2/\text{NDF}: 59.7/32$

All: -851.393 ± 185.190 $\chi^2/\text{NDF}: 98.7/65$

- sign -355.009 ± 263.765 $\chi^2/\text{NDF}: 32.0/32$

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: 3003.093 ± 0.838 χ^2/NDF : 386566.0/9

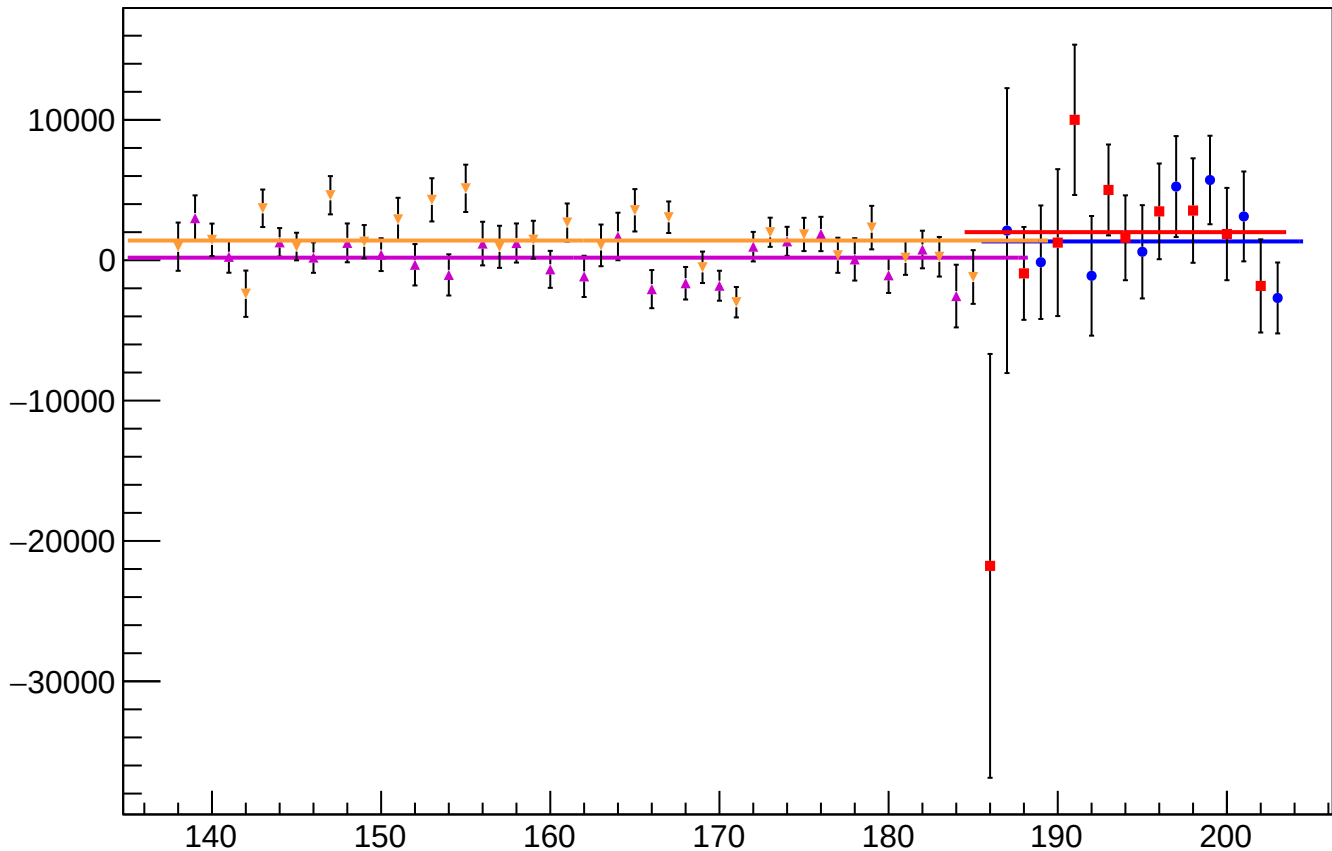
Left In: 1123.148 ± 0.191 χ^2/NDF : 689778.4/22

+ sign 1195.831 ± 0.184 χ^2/NDF : 4409110.6/32

All: 1205.877 ± 0.131 χ^2/NDF : 10271935.0/6

- sign 1216.210 ± 0.187 χ^2/NDF : 5856770.4/32

asym_sam_48_avg_mean vs Slug



Right In: 1341.094+/-1241.714 χ^2/NDF : 6.5/7

Left Out: 1404.763+/-262.517 χ^2/NDF : 53.1/24

Right Out: 2002.099+/-1183.972 χ^2/NDF : 8.1/9

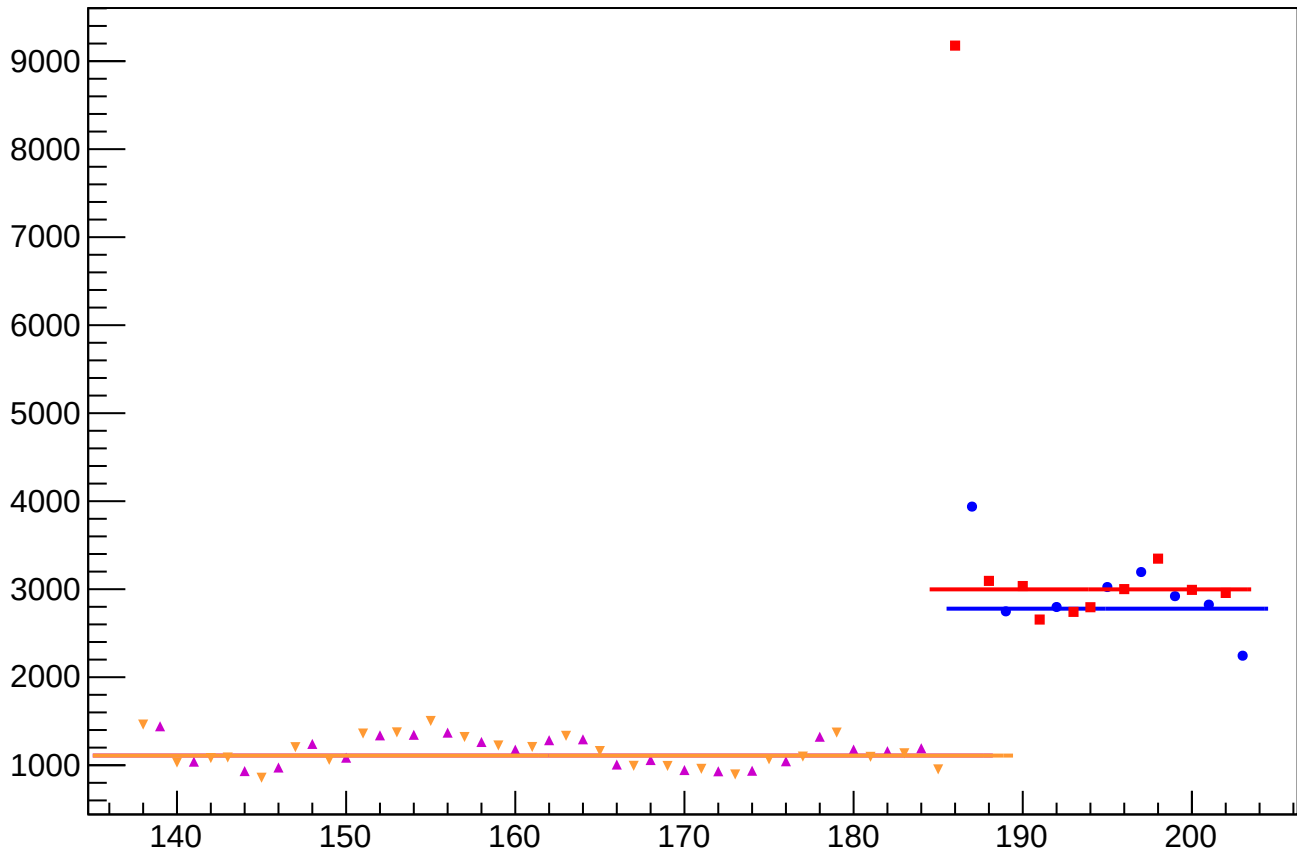
Left In: 183.249+/-267.620 χ^2/NDF : 23.7/22

+ sign 1402.039+/-256.840 χ^2/NDF : 59.6/32

All: 846.005+/-183.078 χ^2/NDF : 103.2/65

- sign 271.661+/-261.035 χ^2/NDF : 34.1/32

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: 2998.104+/-0.837 χ^2/NDF : 384225.2/9

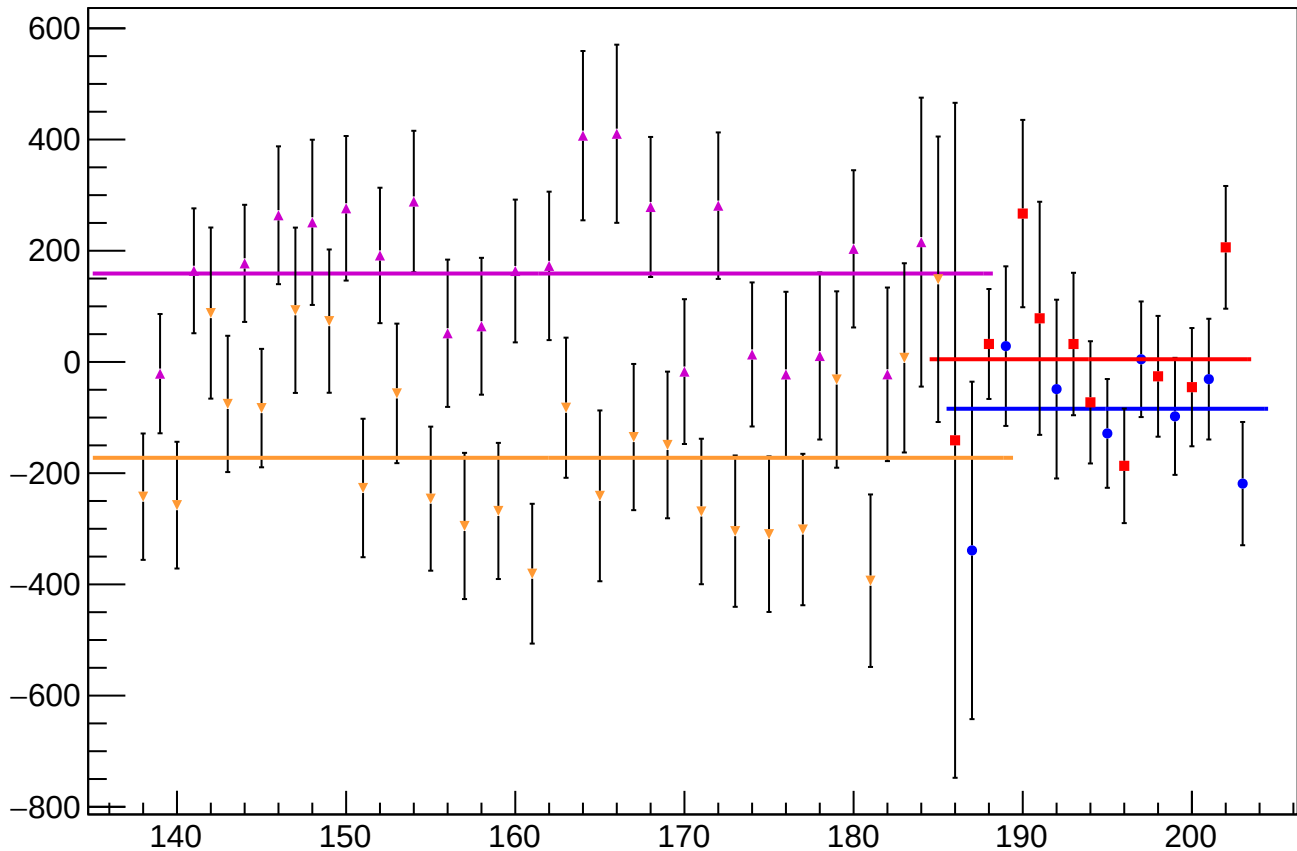
Left In: 1110.162+/-0.189 χ^2/NDF : 673229.2/22

+ sign 1180.988+/-0.182 χ^2/NDF : 4430265.2/32

All: 1191.291+/-0.129 χ^2/NDF : 10332456.8/6

- sign 1201.933+/-0.185 χ^2/NDF : 5895649.6/32

dit_asym_sam_15_dd_mean vs Slug



Right In: -84.149 ± 42.572 χ^2/NDF : 4.0/7

Left Out: -172.357 ± 26.709 χ^2/NDF : 27.2/24

Right Out: 4.879 ± 39.035 χ^2/NDF : 10.3/9

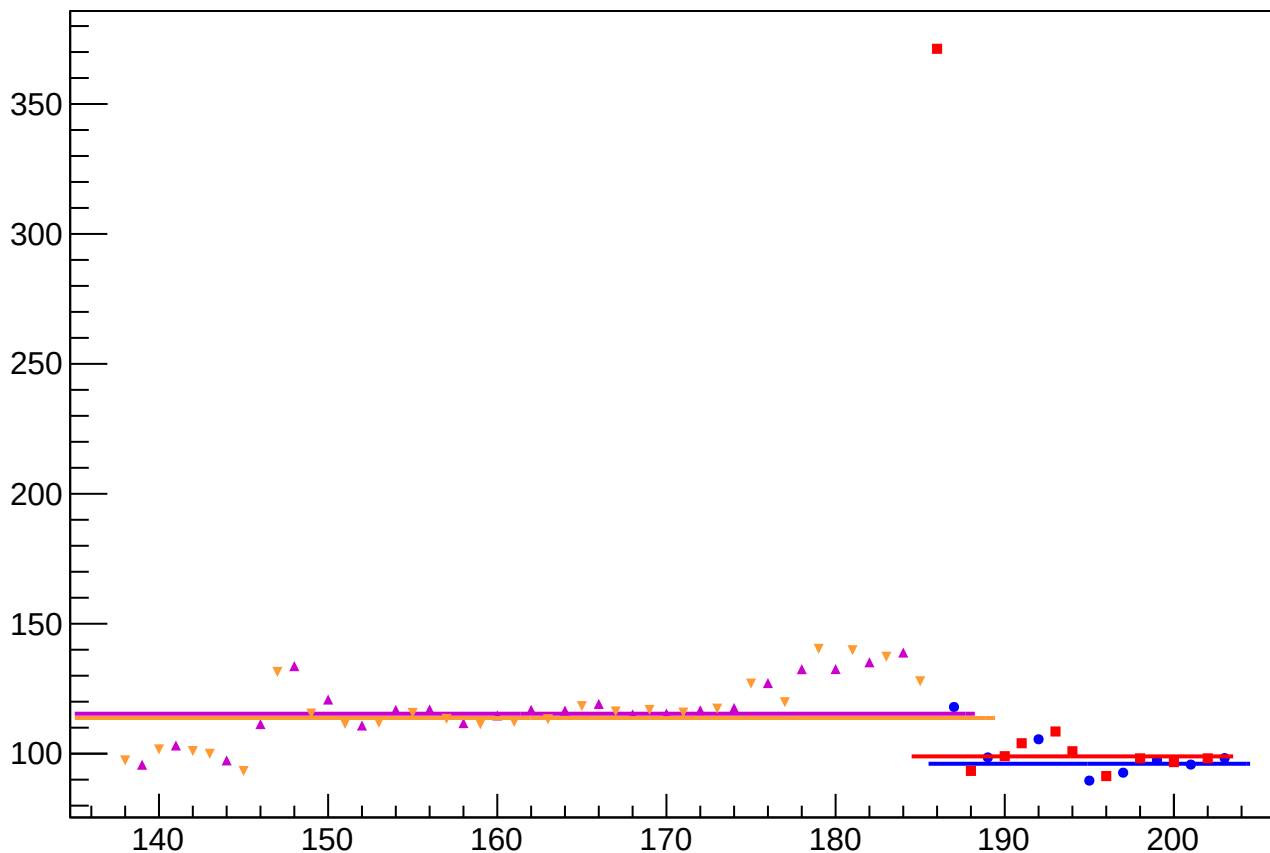
Left In: 159.044 ± 27.608 χ^2/NDF : 21.1/22

+ sign -147.443 ± 22.625 χ^2/NDF : 34.3/32

All: -19.422 ± 15.968 χ^2/NDF : 139.9/65

- sign 107.640 ± 22.540 χ^2/NDF : 41.8/32

dit_asym_sam_15_dd_rms vs Slug



Right In: 96.118+/-0.030 χ^2/NDF : 29947.6/7

Left Out: 113.727+/-0.019 χ^2/NDF : 392153.8/24

Right Out: 98.953+/-0.028 χ^2/NDF : 433817.2/9

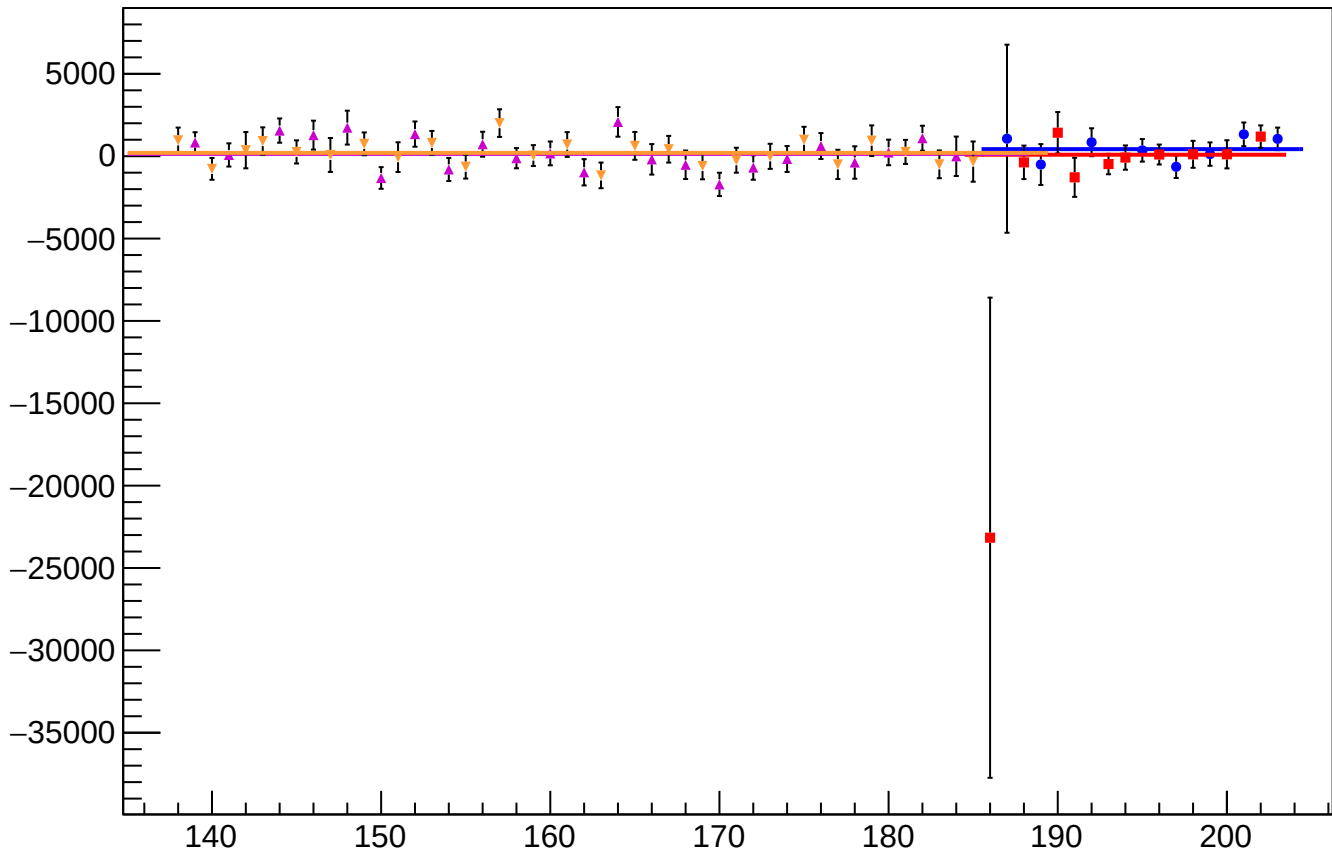
Left In: 115.377+/-0.020 χ^2/NDF : 309034.7/22

+ sign 108.754+/-0.016 χ^2/NDF : 667627.1/32

All: 109.329+/-0.011 χ^2/NDF : 1649060.0/65

- sign 109.900+/-0.016 χ^2/NDF : 978854.5/32

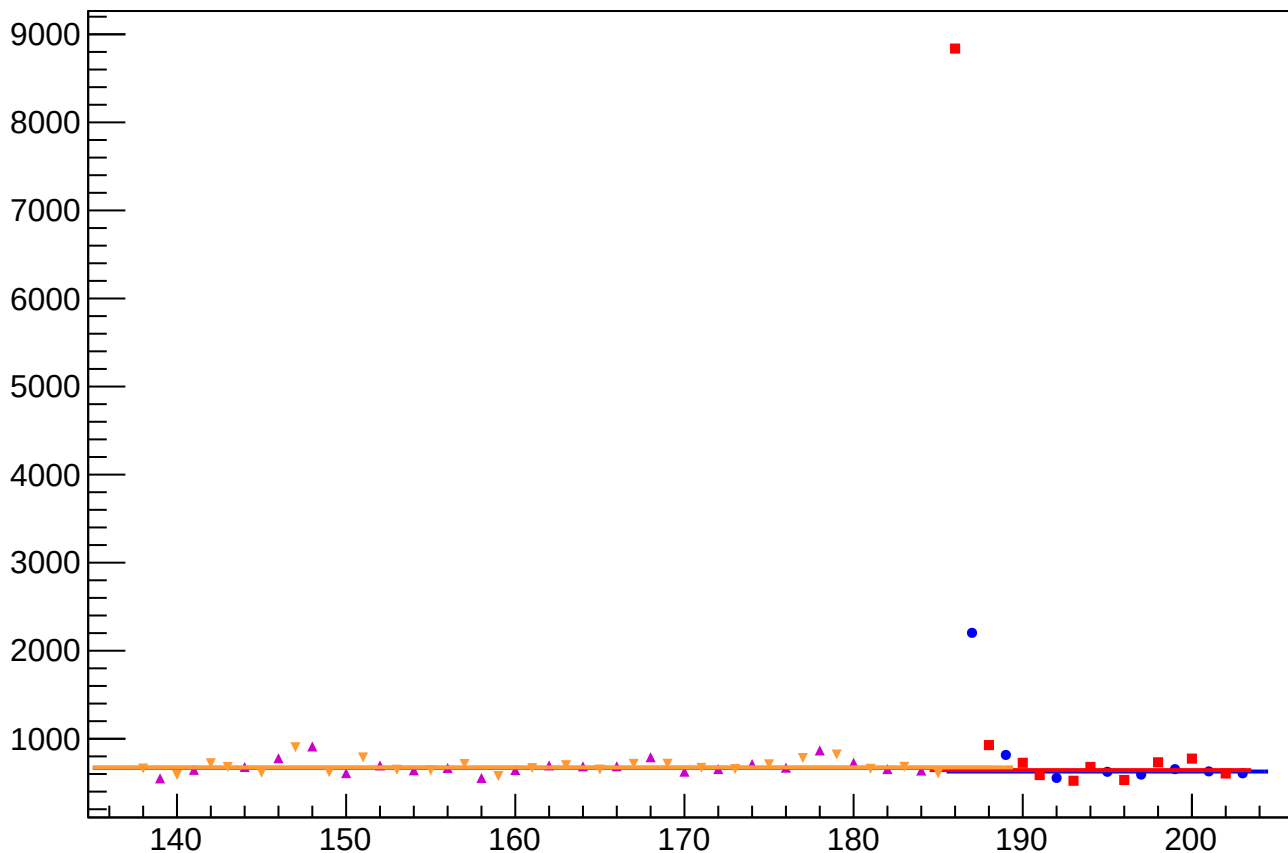
asym_sam_15_dd_correction_mean vs Slug



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: 89.476 $\pm$ 262.629 χ^2 /NDF: 8.7/9
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: 190.707 $\pm$ 97.574 χ^2 /NDF: 72.2/65
- sign 126.224 $\pm$ 137.276 χ^2 /NDF: 45.6/32

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: 644.299 $\pm$ 0.186 χ^2 /NDF: 1027196.9/9

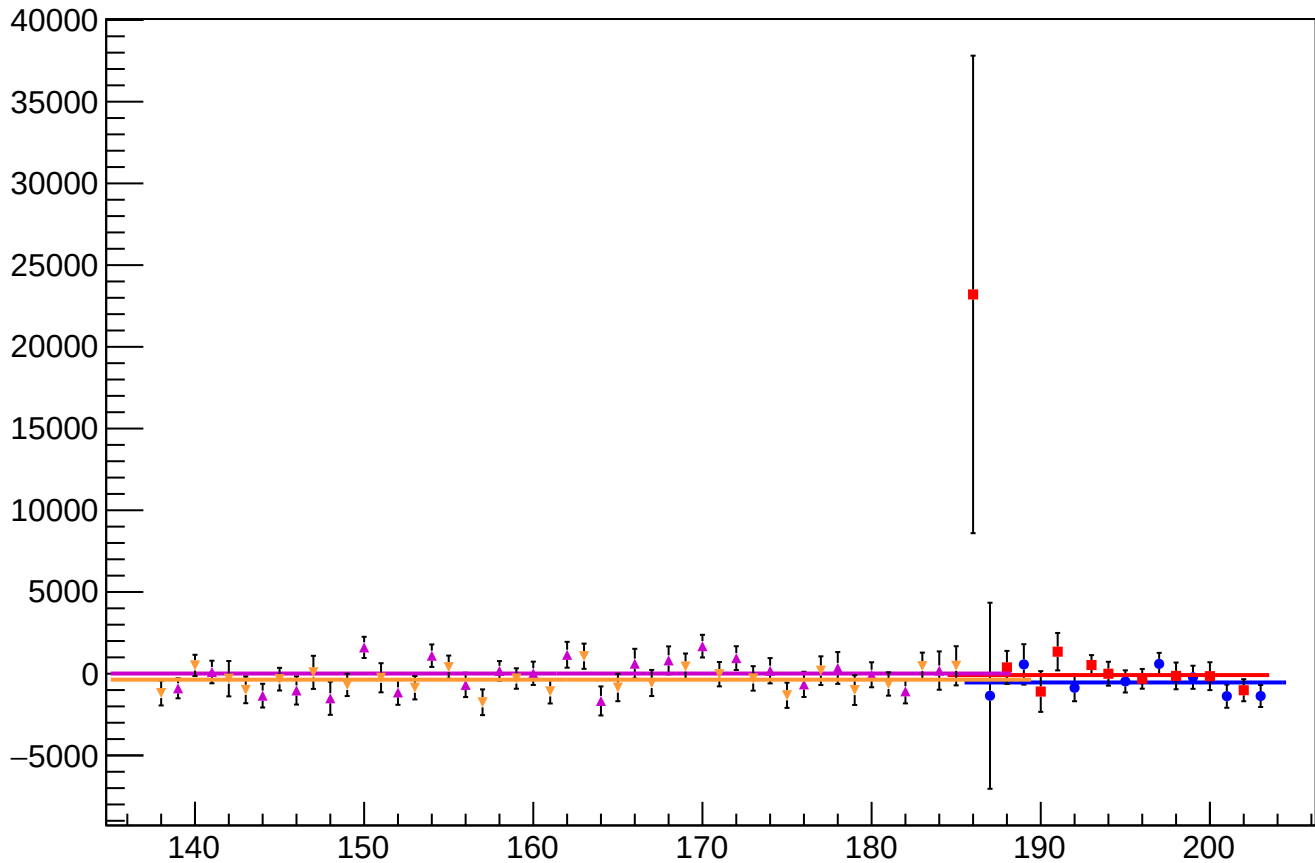
Left In: 669.938 $\pm$ 0.114 χ^2 /NDF: 464085.7/22

+ sign 664.079 $\pm$ 0.098 χ^2 /NDF: 623488.0/32

All: 663.500 $\pm$ 0.069 χ^2 /NDF: 2128693.1/65

- sign 662.933 $\pm$ 0.097 χ^2 /NDF: 1505136.1/32

asym_sam_15_dd_mean vs Slug



Right In: -535.875+/-280.364 χ^2/NDF : 6.9/7

Left Out: -365.394+/-156.301 χ^2/NDF : 18.7/24

Right Out: -83.471+/-260.023 χ^2/NDF : 8.1/9

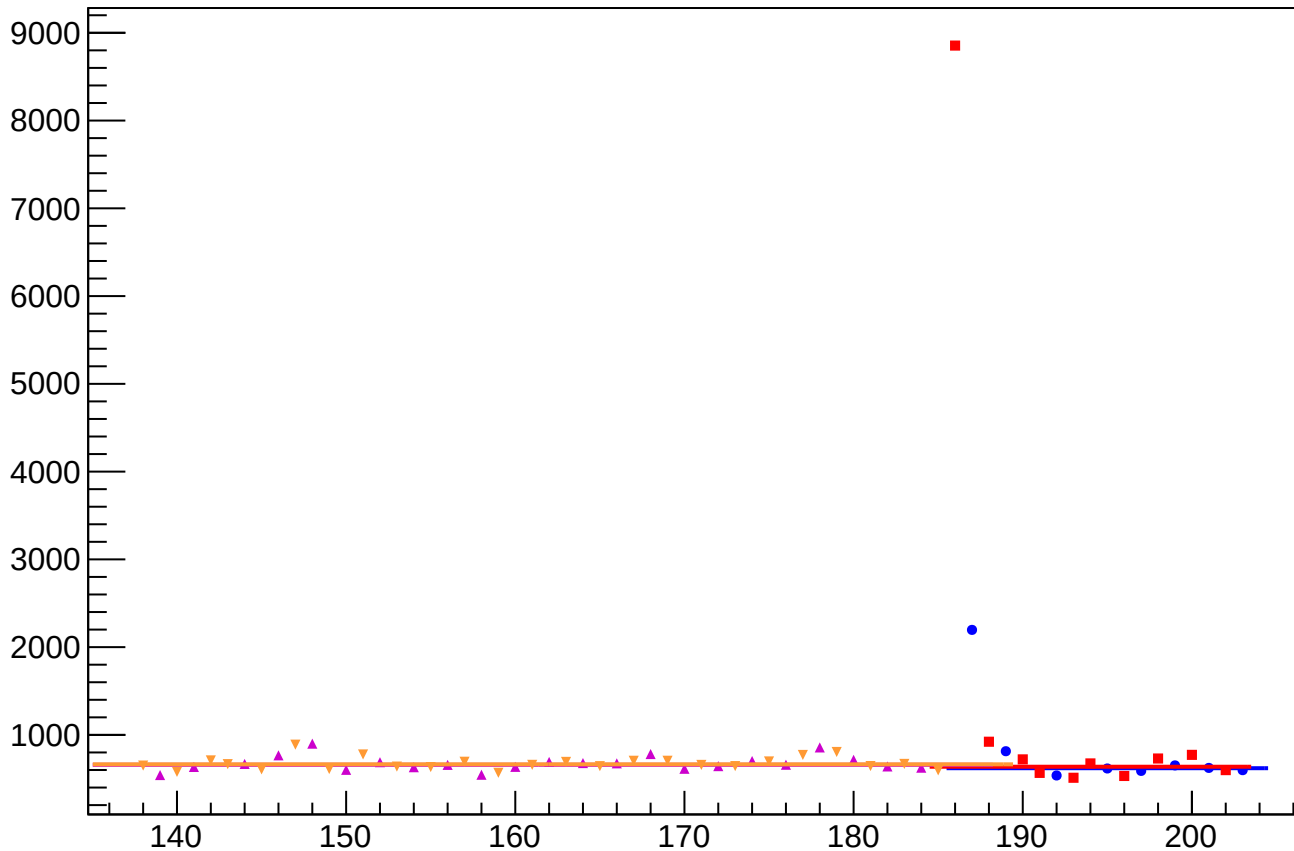
Left In: 11.243+/-158.497 χ^2/NDF : 38.8/22

+ sign -405.816+/-136.519 χ^2/NDF : 25.9/32

All: -208.413+/-96.113 χ^2/NDF : 77.1/65

- sign -14.415+/-135.337 χ^2/NDF : 47.0/32

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: 637.299+/-0.184 χ^2/NDF : 1043572.2/9

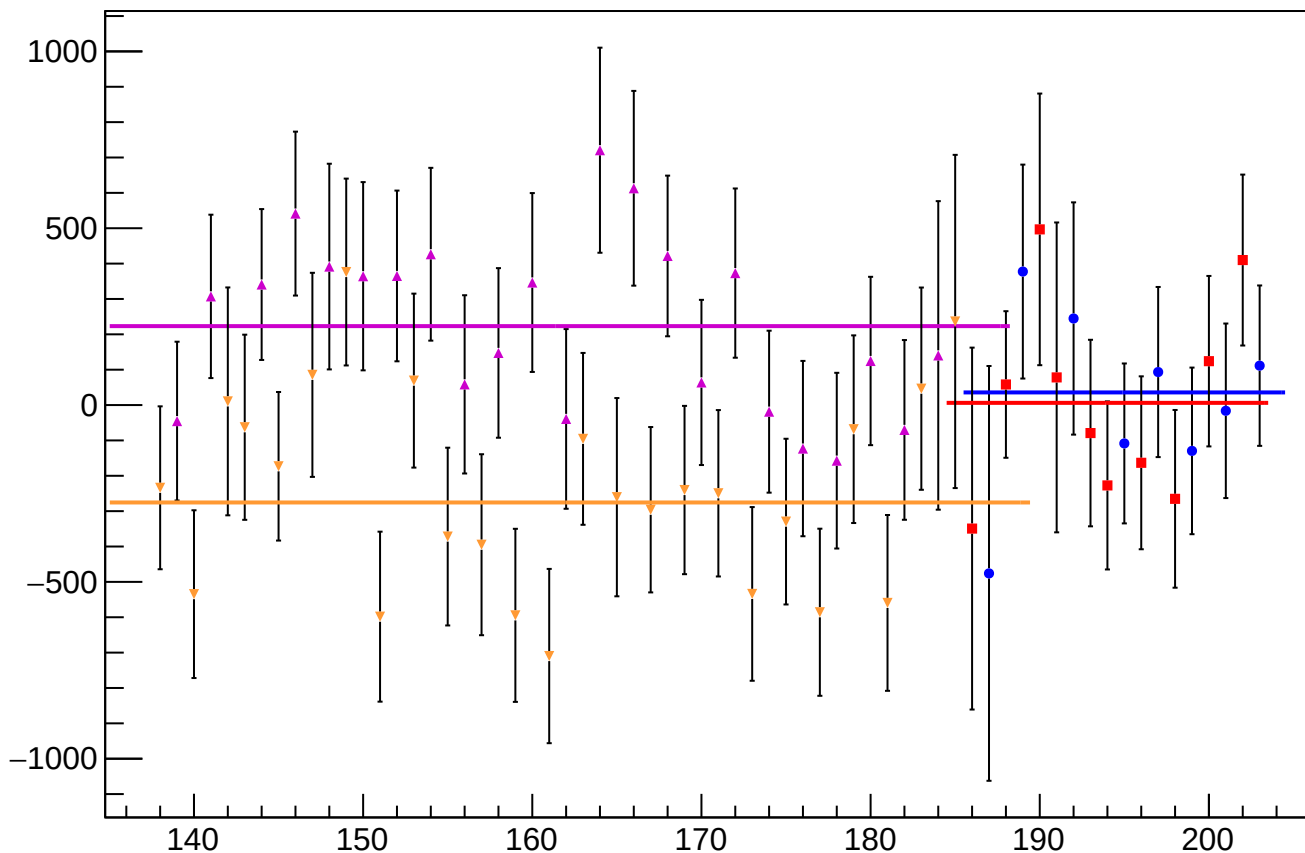
Left In: 659.230+/-0.112 χ^2/NDF : 472744.9/22

+ sign 654.155+/-0.097 χ^2/NDF : 628084.4/32

All: 653.718+/-0.068 χ^2/NDF : 2154814.6/65

- sign 653.289+/-0.096 χ^2/NDF : 1526689.7/32

dit_asym_sam_26_dd_mean vs Slug



Right In: 35.719+/-93.722 χ^2/NDF : 3.6/7

Left Out: -275.447+/-50.539 χ^2/NDF : 27.3/24

Right Out: 6.228+/-85.099 χ^2/NDF : 8.0/9

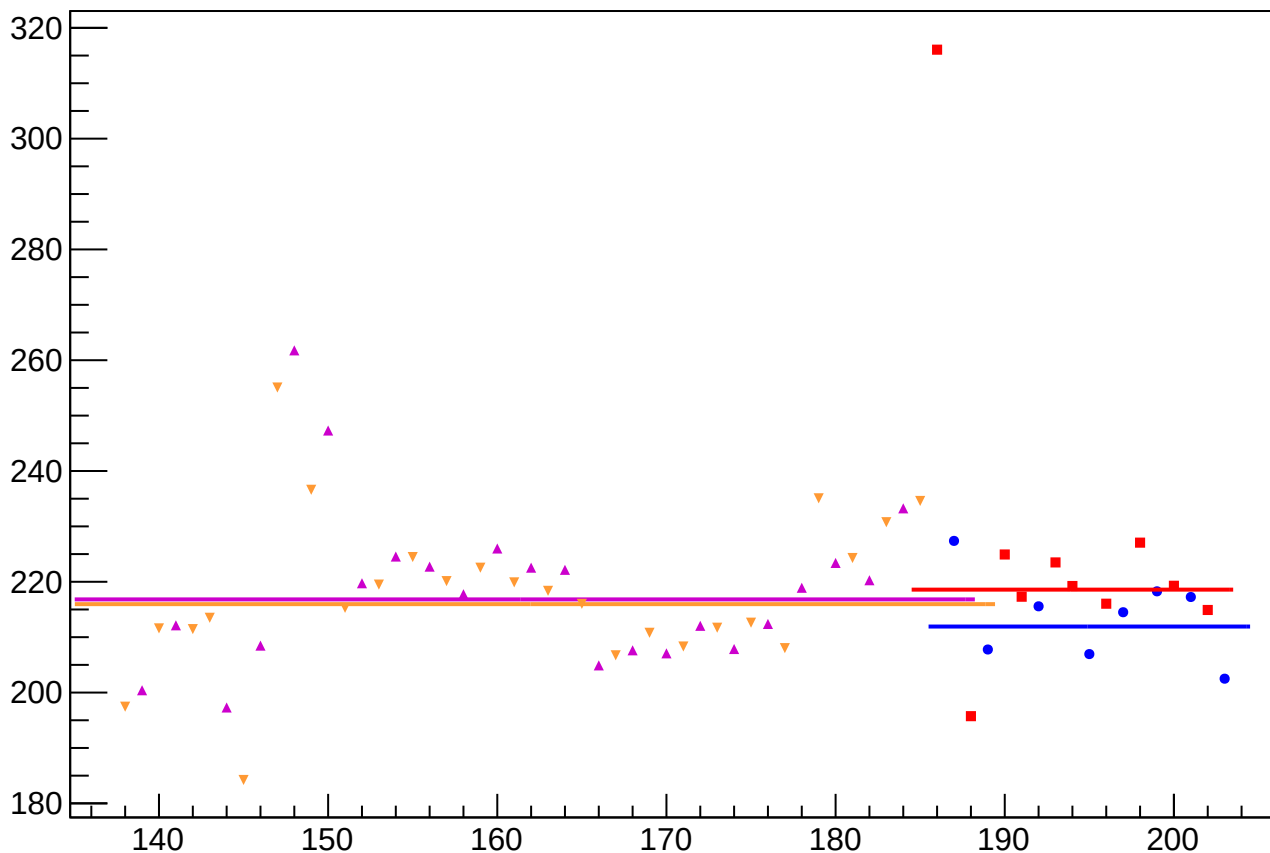
Left In: 223.195+/-51.742 χ^2/NDF : 20.8/22

+ sign -205.347+/-44.484 χ^2/NDF : 39.4/32

All: -19.218+/-31.358 χ^2/NDF : 107.7/65

- sign 164.634+/-44.211 χ^2/NDF : 33.5/32

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: 218.583 $\pm$ 0.060 χ^2 /NDF: 101130.6/9

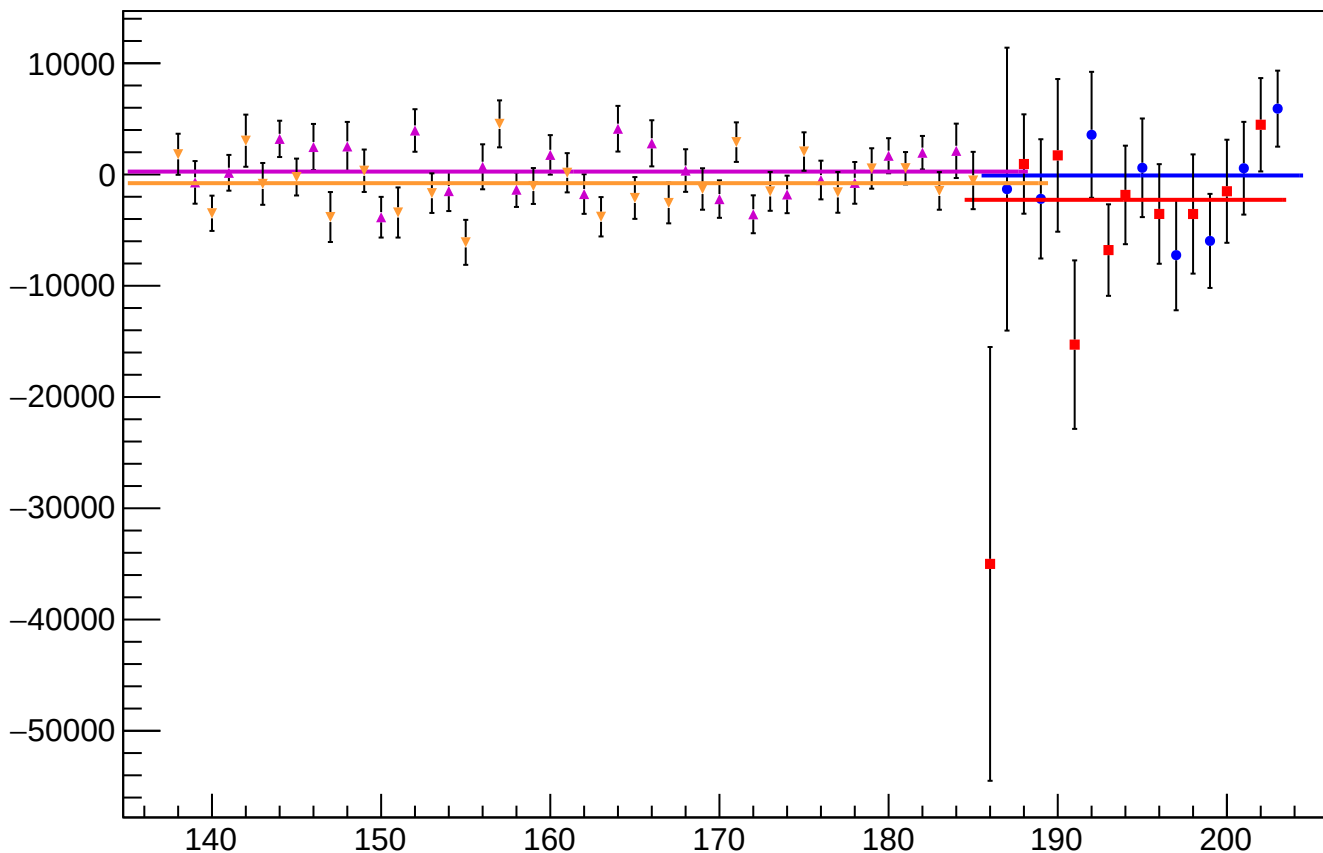
Left In: 216.821 $\pm$ 0.037 χ^2 /NDF: 132518.8/22

+ sign 215.052 $\pm$ 0.031 χ^2 /NDF: 156665.4/32

All: 216.182 $\pm$ 0.022 χ^2 /NDF: 393502.2/65

- sign 217.297 $\pm$ 0.031 χ^2 /NDF: 234275.6/32

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: -2275.299 ± 1601.832 χ^2/NDF : 10.6/9

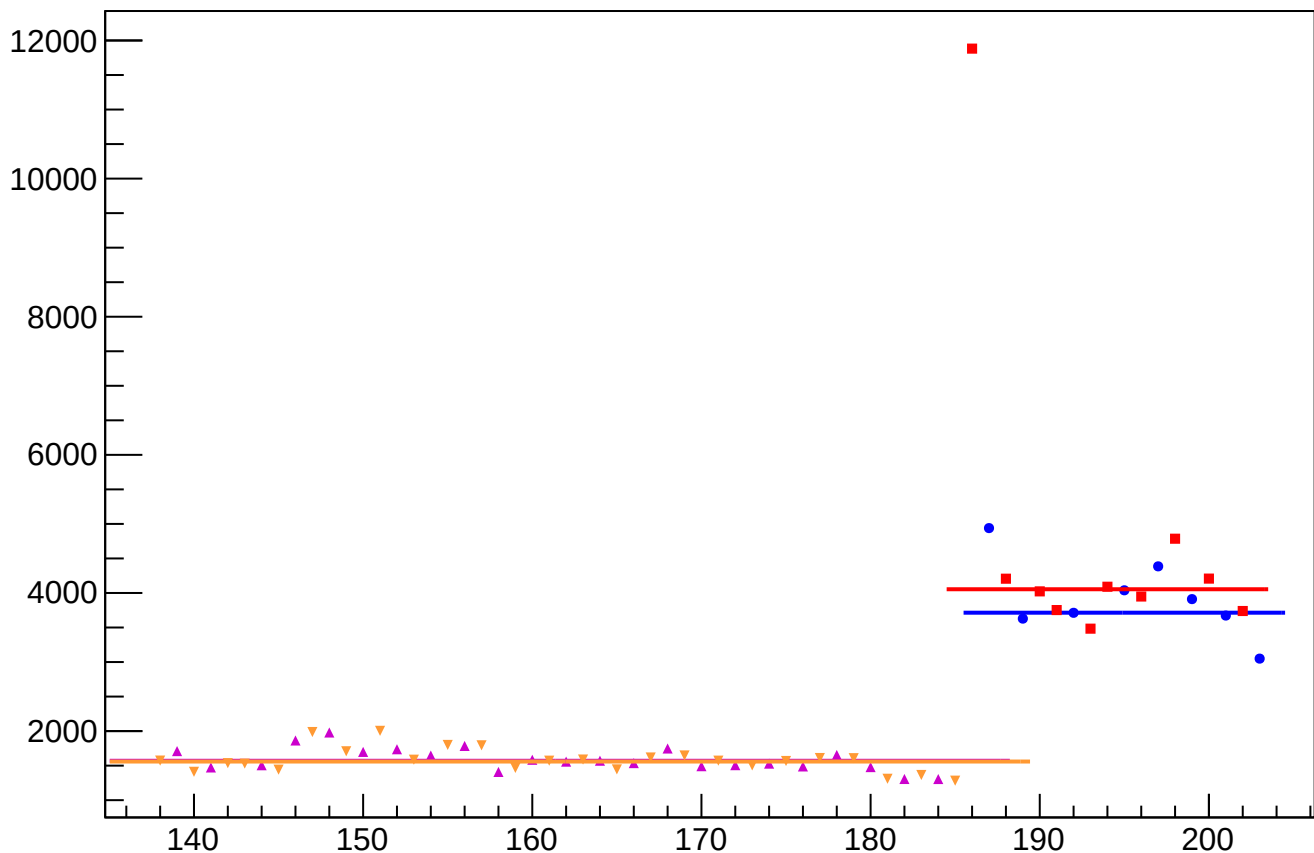
Left In: 261.815 ± 376.203 χ^2/NDF : 35.4/22

+ sign -746.900 ± 358.311 χ^2/NDF : 46.4/32

All: -318.440 ± 256.121 χ^2/NDF : 97.7/65

- sign 129.188 ± 366.238 χ^2/NDF : 48.4/32

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: 4054.011+/-1.133 χ^2/NDF : 418592.9/9

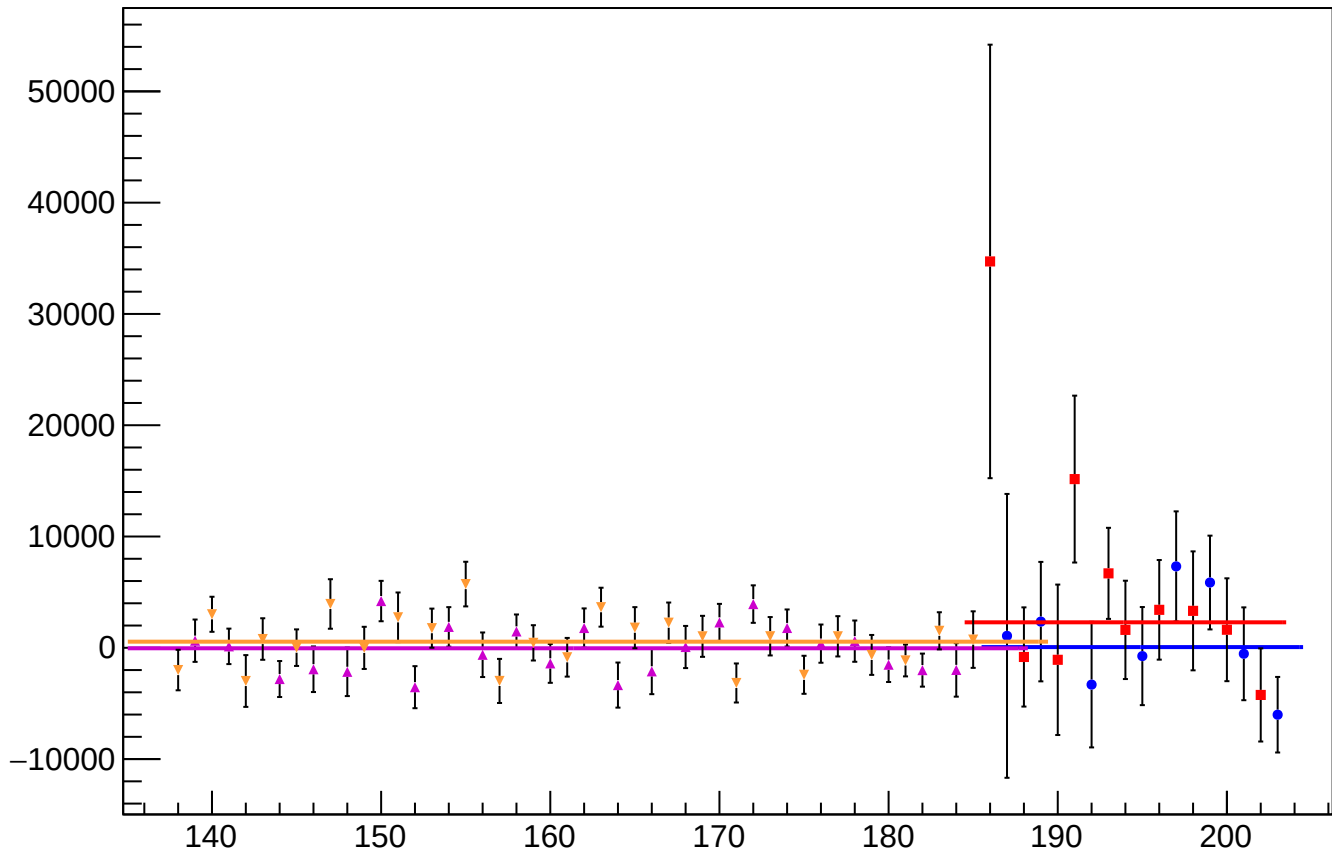
Left In: 1570.331+/-0.266 χ^2/NDF : 329434.5/22

+ sign 1659.949+/-0.253 χ^2/NDF : 3740665.6/32

All: 1679.617+/-0.181 χ^2/NDF : 9057918.6/65

- sign 1700.164+/-0.259 χ^2/NDF : 5304931.4/32

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: 2289.412 ± 1596.296 χ^2/NDF : 10.2/9

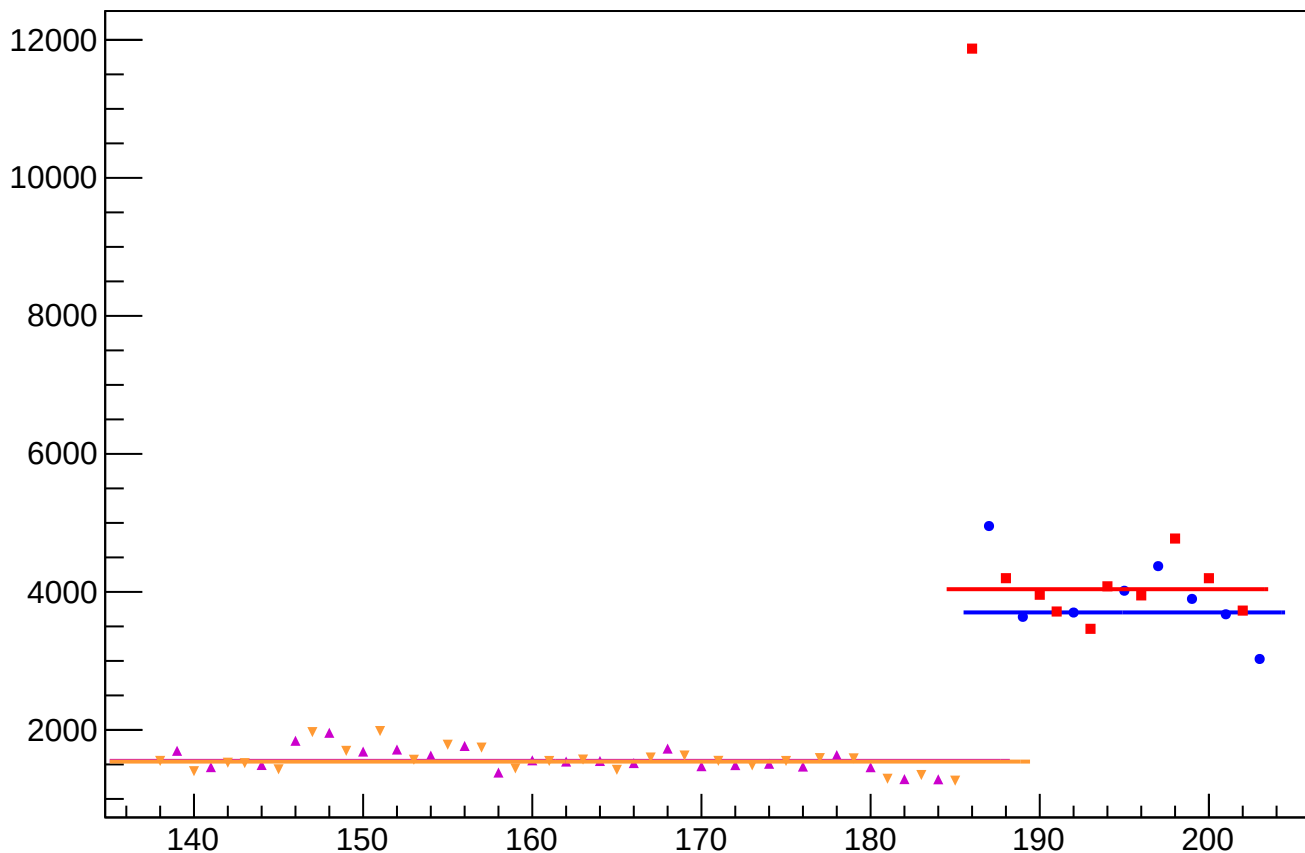
Left In: -43.949 ± 371.765 χ^2/NDF : 33.5/22

+ sign 527.834 ± 353.797 χ^2/NDF : 43.5/32

All: 307.190 ± 253.049 χ^2/NDF : 90.0/65

- sign 76.099 ± 362.076 χ^2/NDF : 45.7/32

asym_sam_26_dd_rms vs Slug



Right In: 3702.799 ± 1.170 $\chi^2/\text{NDF}: 149893.5/7$

Left Out: 1541.149 ± 0.256 $\chi^2/\text{NDF}: 382077.8/24$

Right Out: 4039.319 ± 1.129 $\chi^2/\text{NDF}: 421544.8/9$

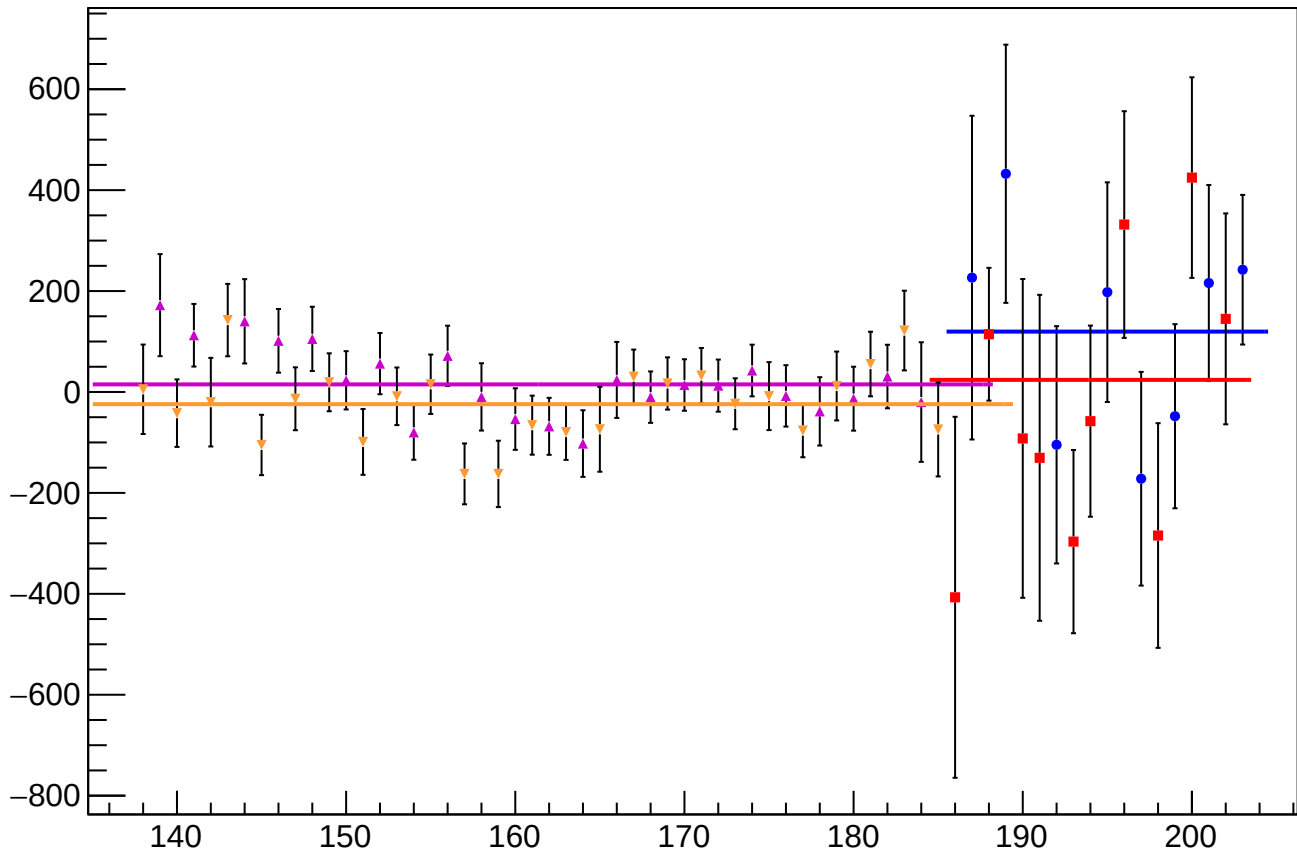
Left In: 1551.481 ± 0.263 $\chi^2/\text{NDF}: 339002.9/22$

+ sign 1639.966 ± 0.250 $\chi^2/\text{NDF}: 3788972.6/32$

All: 1659.264 ± 0.179 $\chi^2/\text{NDF}: 9169658.6/65$

- sign 1679.476 ± 0.256 $\chi^2/\text{NDF}: 5368503.1/32$

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: 24.040 ± 65.704 χ^2/NDF : 13.8/9

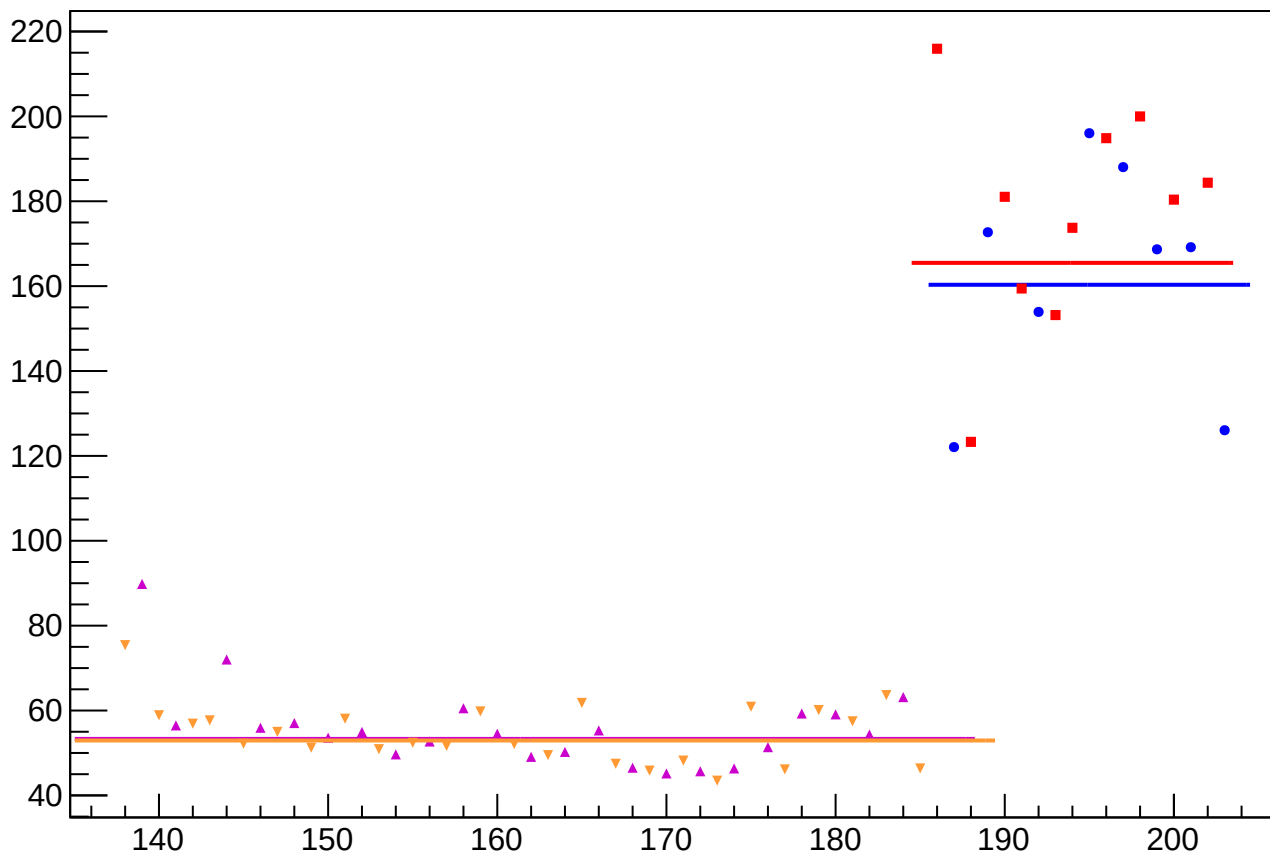
Left In: 15.058 ± 12.921 χ^2/NDF : 23.8/22

+ sign -19.996 ± 12.344 χ^2/NDF : 40.8/32

All: -2.775 ± 8.844 χ^2/NDF : 82.4/65

- sign 15.393 ± 12.678 χ^2/NDF : 37.7/32

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: 165.483+/-0.046 χ^2/NDF : 373839.8/9

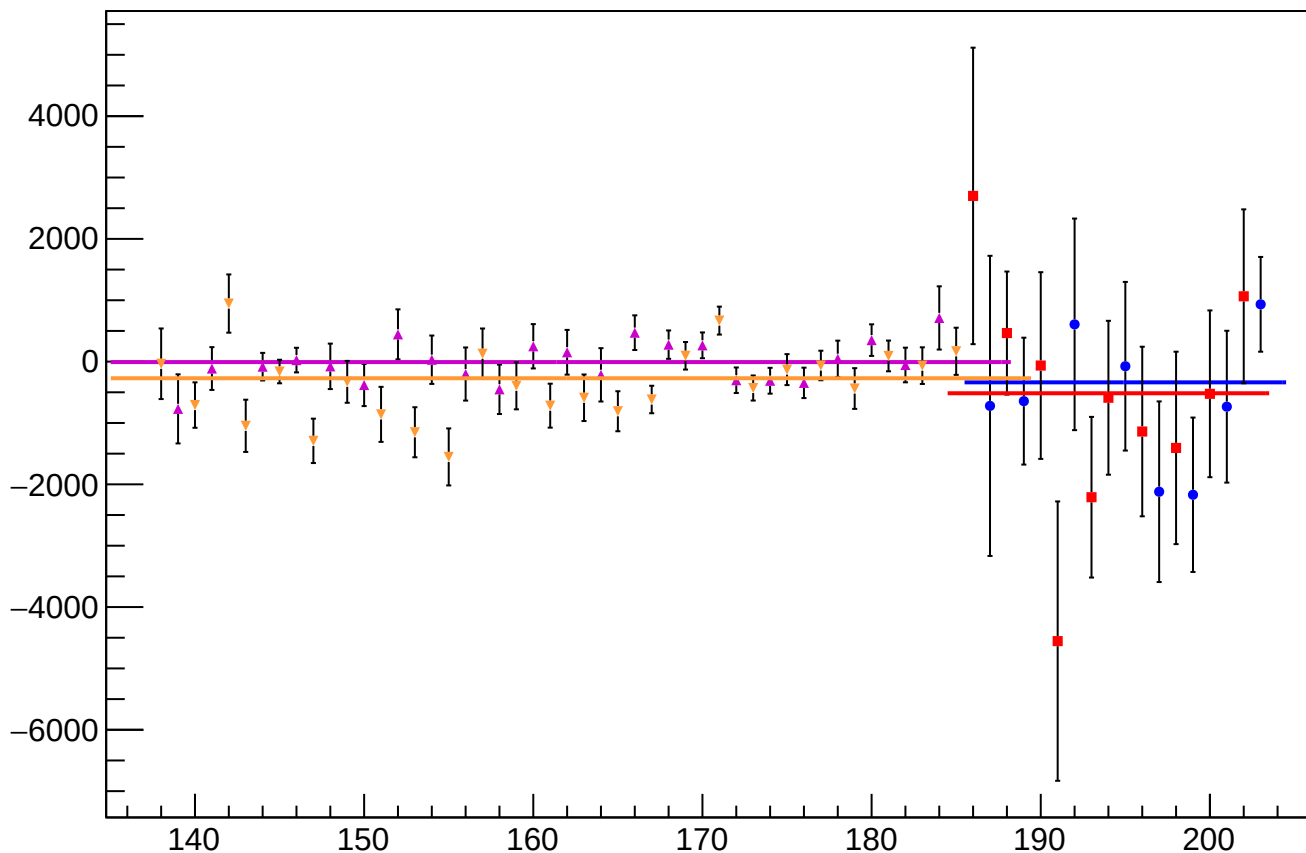
Left In: 53.312+/-0.009 χ^2/NDF : 644220.1/22

+ sign 56.026+/-0.009 χ^2/NDF : 4973317.3/32

All: 56.738+/-0.006 χ^2/NDF : 11617097.1/65

- sign 57.489+/-0.009 χ^2/NDF : 6630119.9/32

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: -515.648+/-448.098 χ^2/NDF : 9.4/9

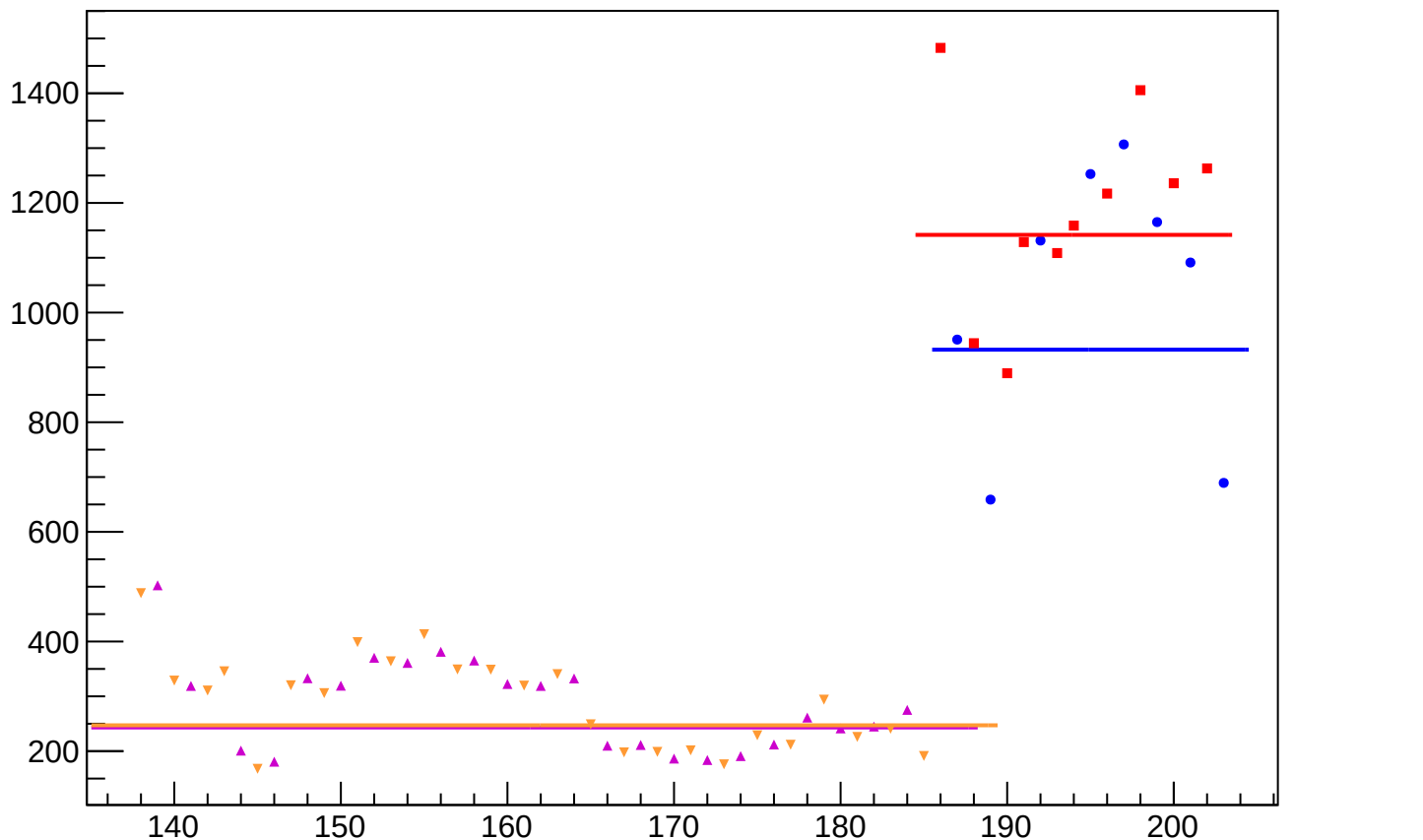
Left In: -7.535+/-60.328 χ^2/NDF : 22.9/22

+ sign -272.523+/-59.703 χ^2/NDF : 74.5/32

All: -144.735+/-42.246 χ^2/NDF : 117.2/65

- sign -16.580+/-59.788 χ^2/NDF : 33.5/32

asym_sam_37_dd_correction_rms vs Slug



Right In: 932.341 $\pm$ 0.305 χ^2 /NDF: 704297.1/7

Left Out: 247.166 $\pm$ 0.043 χ^2 /NDF:2853302.0/24

Right Out: 1141.745 $\pm$ 0.317 χ^2 /NDF: 261109.0/9

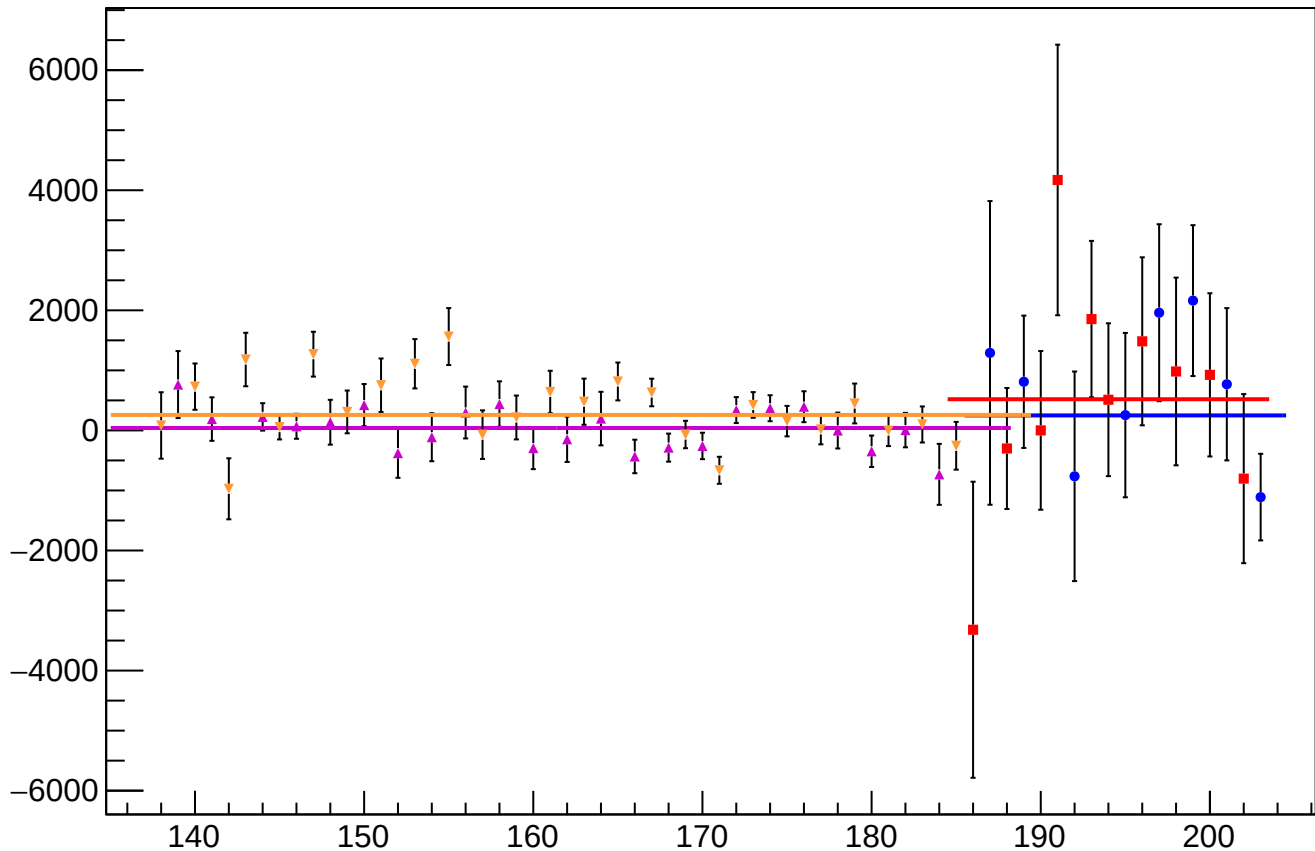
Left In: 243.189 $\pm$ 0.043 χ^2 /NDF:2571190.8/22

+ sign 260.335 $\pm$ 0.042 χ^2 /NDF: 8523183.8/32

All: 259.761 $\pm$ 0.030 χ^2 /NDF: 19254881.7/65

- sign 259.186 $\pm$ 0.042 χ^2 /NDF: 10731328.0/32

asym_sam_37_dd_mean vs Slug



Right In: 249.725+/-427.201 χ^2/NDF : 8.2/7

Left Out: 258.044+/-61.488 χ^2/NDF : 65.0/24

Right Out: 519.177+/-443.182 χ^2/NDF : 8.5/9

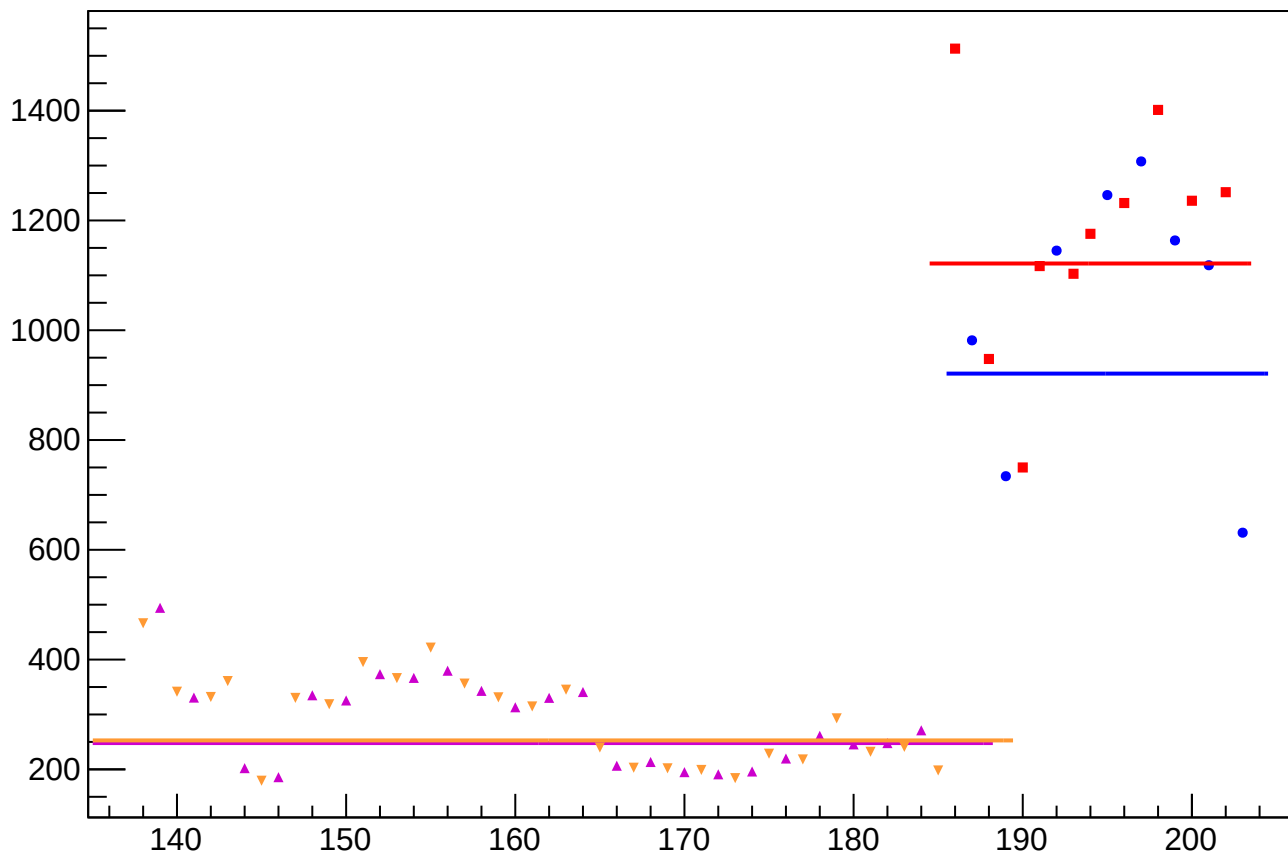
Left In: 40.015+/-61.495 χ^2/NDF : 25.0/22

+ sign 257.875+/-60.860 χ^2/NDF : 73.1/32

All: 153.559+/-43.053 χ^2/NDF : 113.7/65

- sign 49.067+/-60.912 χ^2/NDF : 34.6/32

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: 1121.585+/-0.313 χ^2/NDF : 379845.0/9

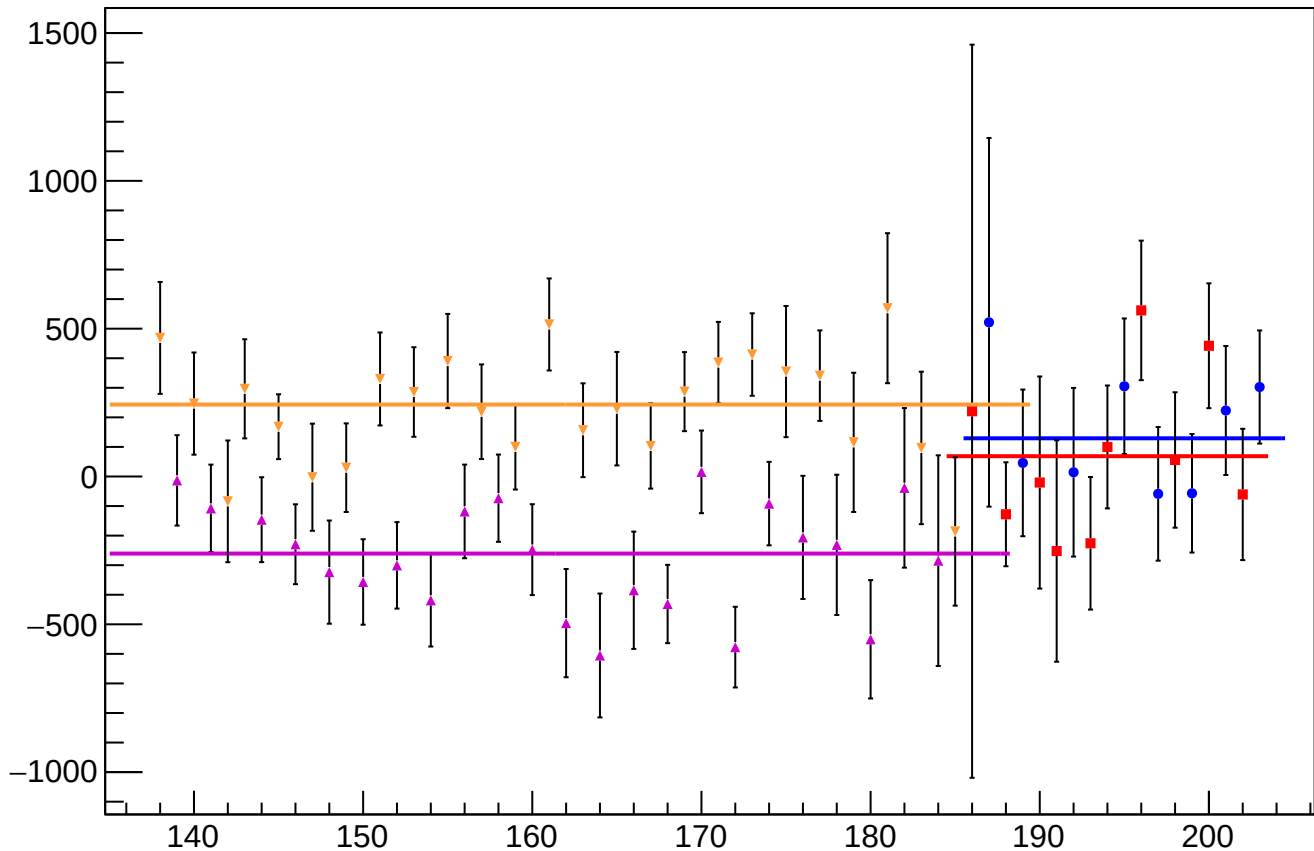
Left In: 247.919+/-0.043 χ^2/NDF : 2374698.8/22

+ sign 266.284+/-0.043 χ^2/NDF : 8231726.2/32

All: 265.354+/-0.030 χ^2/NDF : 18612807.6/65

- sign 264.422+/-0.043 χ^2/NDF : 10380146.5/32

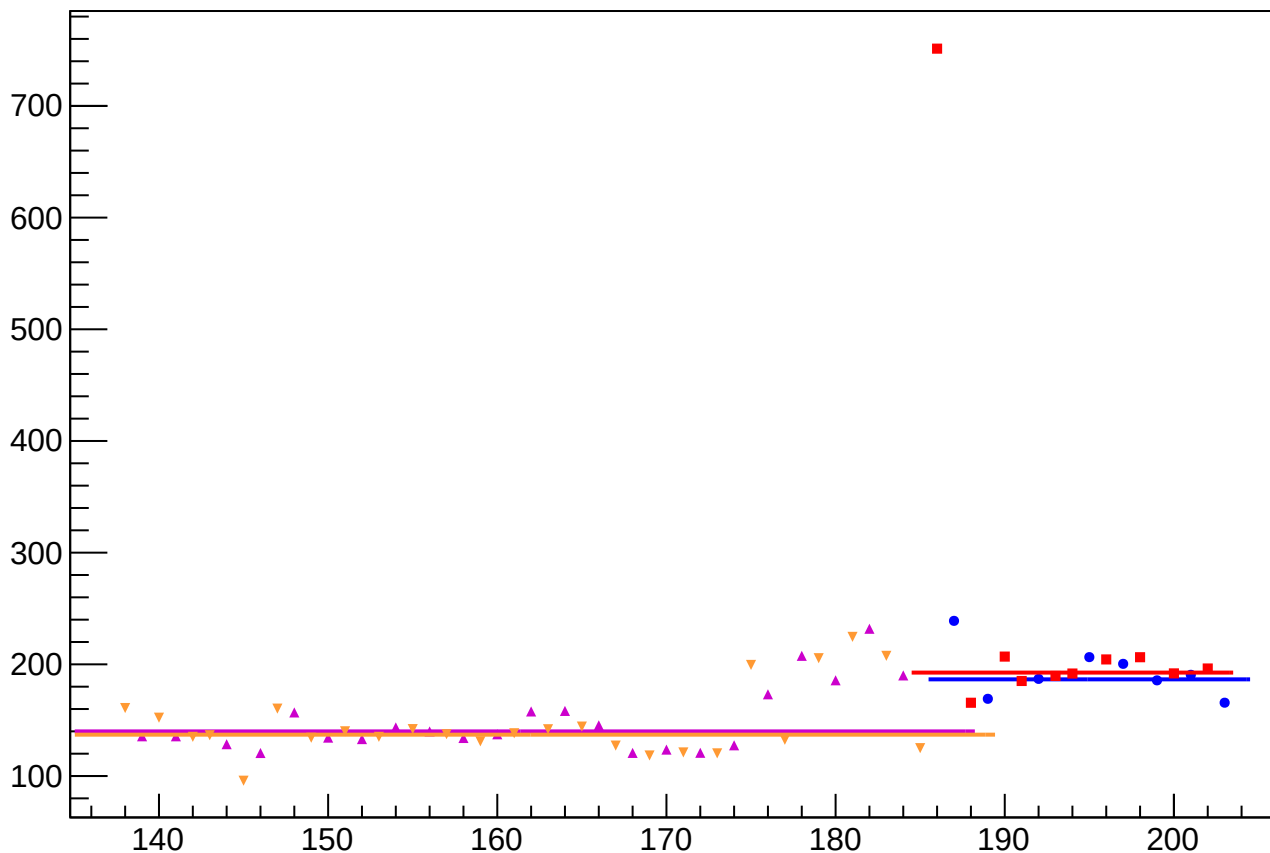
dit_asym_sam_48_dd_mean vs Slug



Right In: 129.200 ± 83.656 χ^2/NDF : 3.8/7
 Left Out: 243.442 ± 32.738 χ^2/NDF : 23.4/24
 Right Out: 68.607 ± 76.543 χ^2/NDF : 11.6/9
 Left In: -260.749 ± 33.988 χ^2/NDF : 28.5/22

+ sign 228.270 ± 30.487 χ^2/NDF : 28.8/32
 All: 14.953 ± 21.758 χ^2/NDF : 184.2/65
 - sign -206.505 ± 31.063 χ^2/NDF : 55.6/32

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: 192.616 $\pm$ 0.054 χ^2 /NDF: 470358.8/9

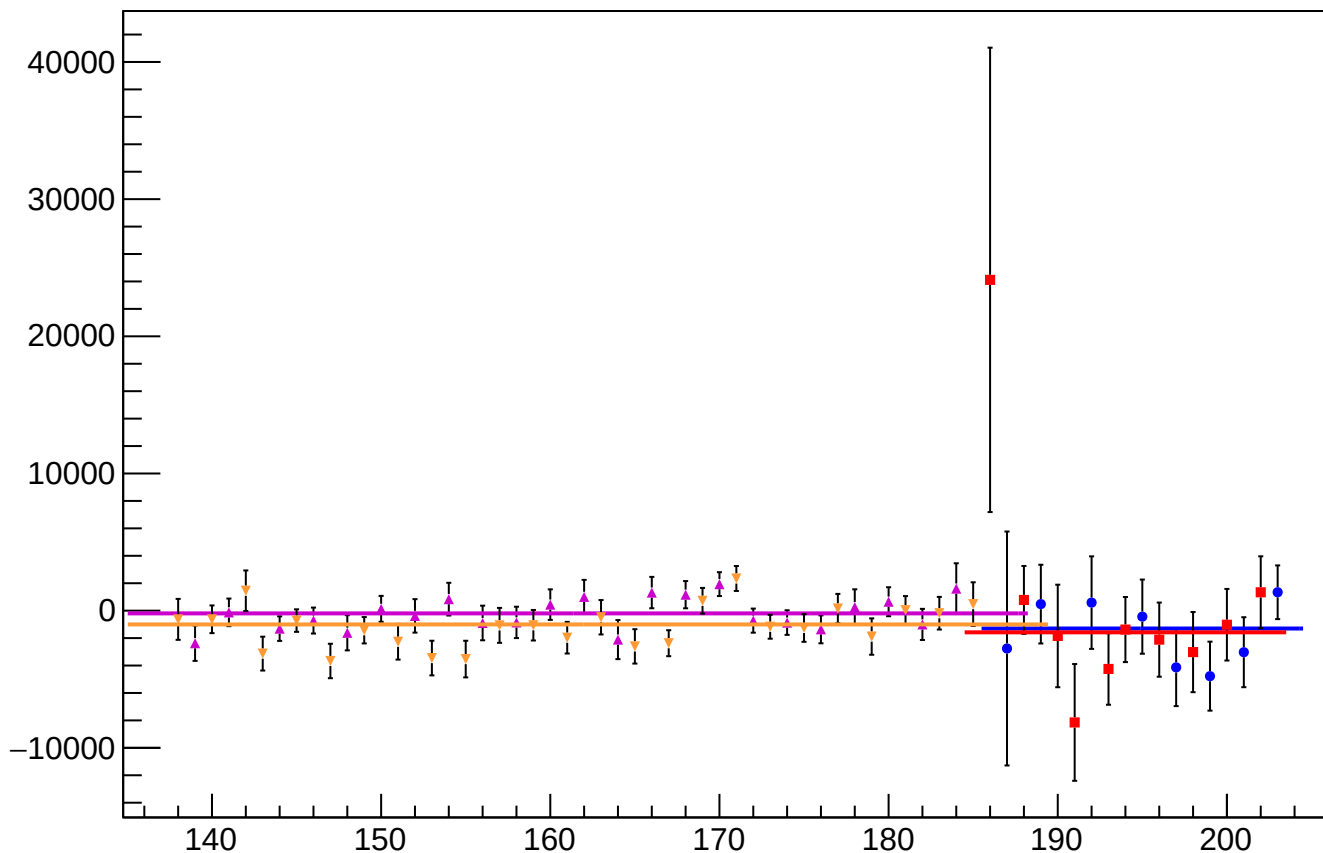
Left In: 139.966 $\pm$ 0.024 χ^2 /NDF:838127.9/22

+ sign 143.612 $\pm$ 0.022 χ^2 /NDF: 1879294.5/32

All: 146.078 $\pm$ 0.015 χ^2 /NDF: 4004856.8/65

- sign 148.637 $\pm$ 0.022 χ^2 /NDF: 2098906.1/32

asym_sam_48_dd_correction_mean vs Slug



Right In: -1301.097 ± 972.182 χ^2/NDF : 6.0/7

Left Out: -1004.364 ± 222.387 χ^2/NDF : 44.7/24

Right Out: -1579.453 ± 926.831 χ^2/NDF : 8.2/9

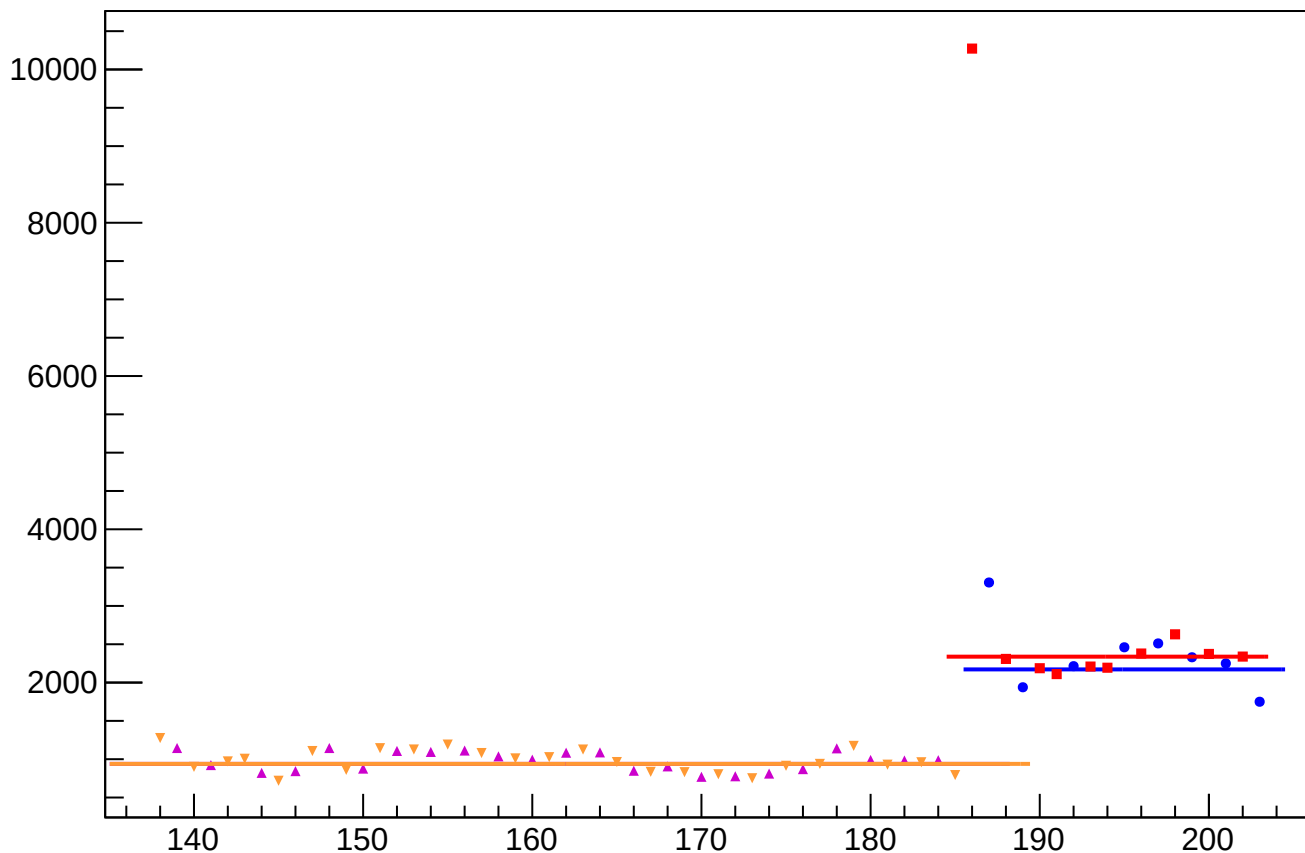
Left In: -198.654 ± 225.997 χ^2/NDF : 24.6/22

+ sign -1019.119 ± 216.788 χ^2/NDF : 50.8/32

All: -652.360 ± 154.264 χ^2/NDF : 91.5/65

- sign -276.145 ± 219.564 χ^2/NDF : 35.0/32

asym_sam_48_dd_correction_rms vs Slug



Right In: 2171.771 ± 0.687 χ^2/NDF : 203243.9/7

Left Out: 938.988 ± 0.157 χ^2/NDF : 828400.0/24

Right Out: 2338.080 ± 0.655 χ^2/NDF : 481703.3/9

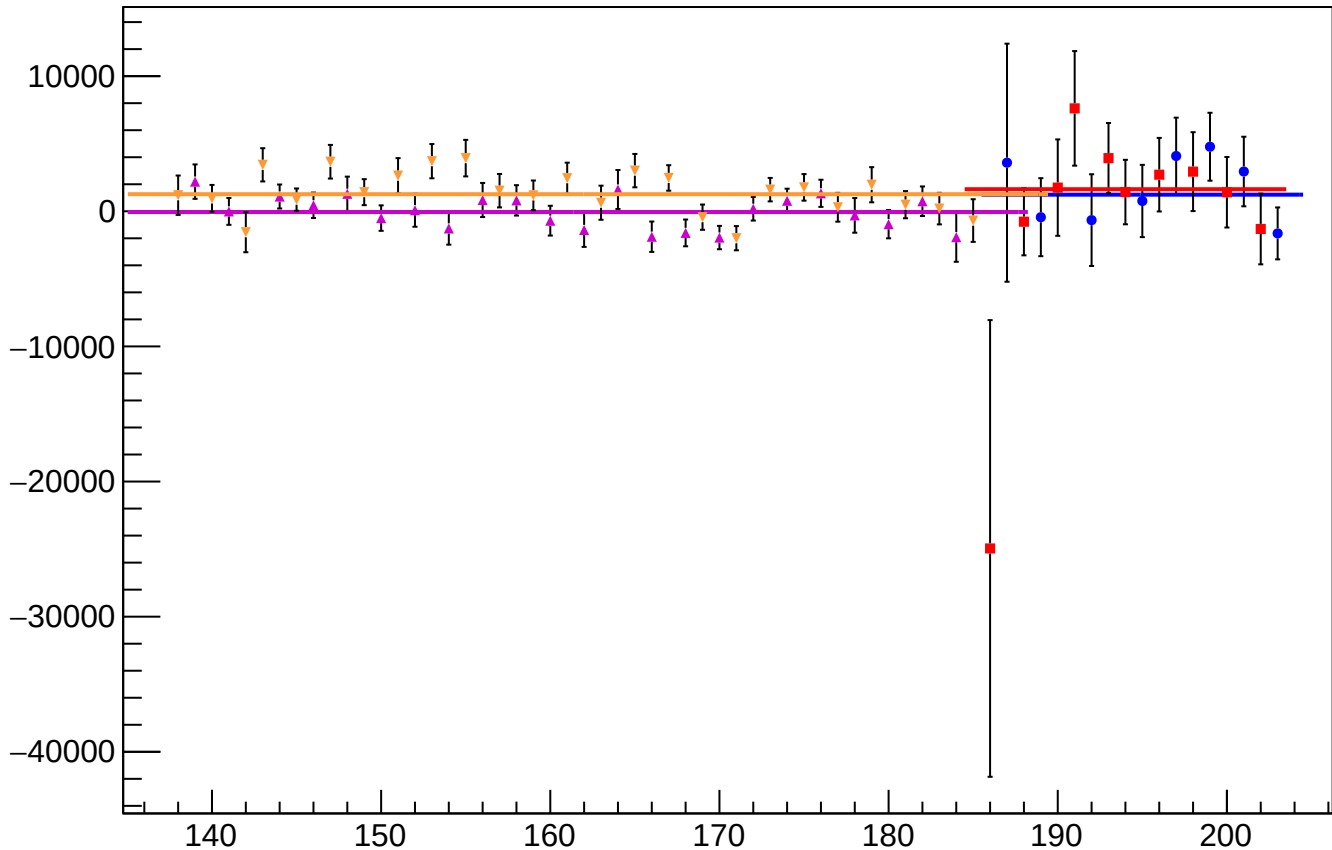
Left In: 938.755 ± 0.160 χ^2/NDF : 611419.0/22

+ sign 1000.288 ± 0.153 χ^2/NDF : 4087669.2/32

All: 1008.679 ± 0.109 χ^2/NDF : 9489974.2/65

- sign 1017.286 ± 0.155 χ^2/NDF : 5396235.6/32

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: 1634.145 $\pm$ 925.239 χ^2 /NDF: 7.8/9

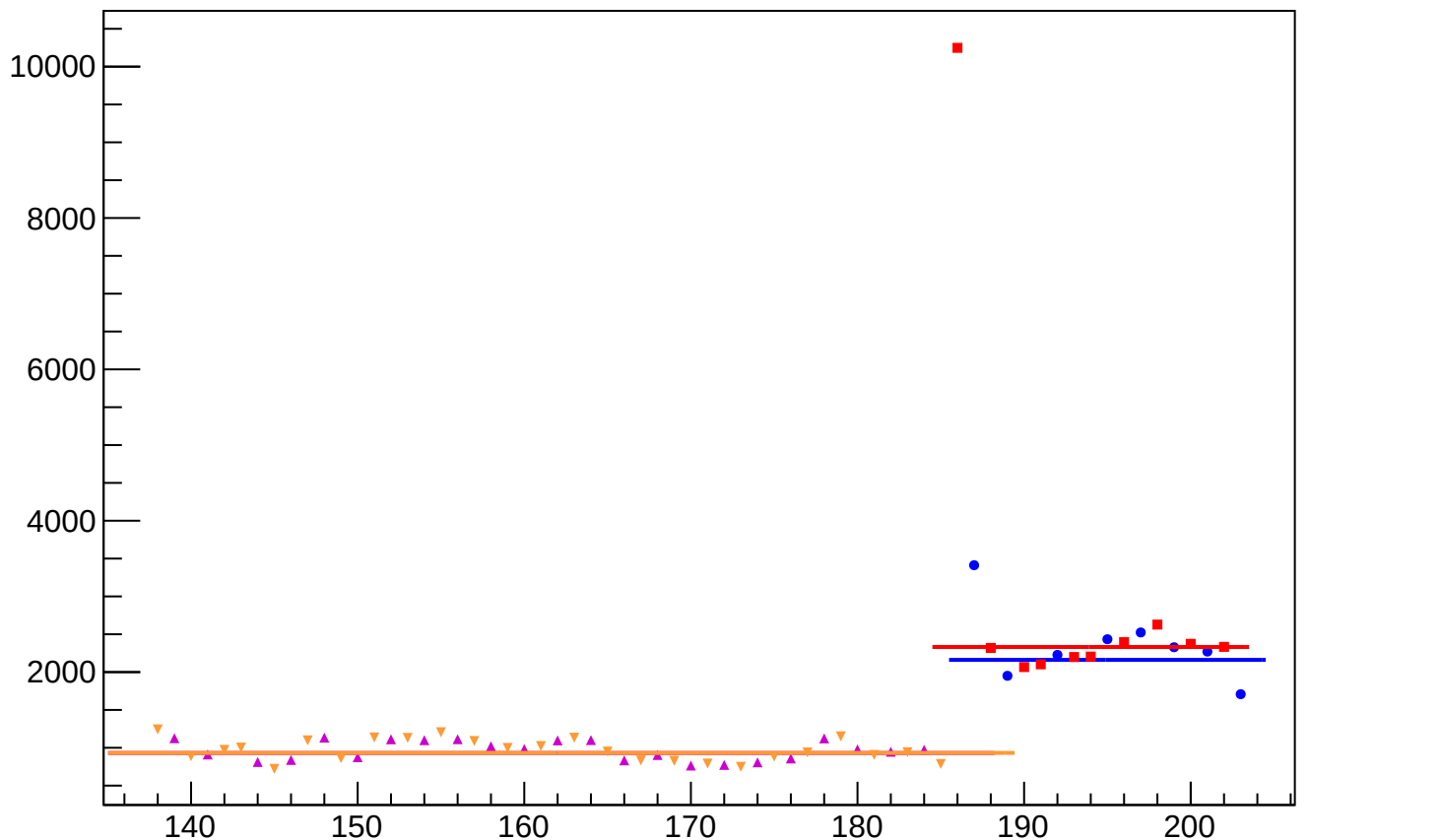
Left In: -53.940 $\pm$ 224.371 χ^2 /NDF: 26.4/22

+ sign 1263.232 $\pm$ 215.128 χ^2 /NDF: 52.0/32

All: 659.780 $\pm$ 153.141 χ^2 /NDF: 105.3/65

- sign 39.817 $\pm$ 218.051 χ^2 /NDF: 37.4/32

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: 2331.655 ± 0.654 χ^2/NDF : 488962.6/9

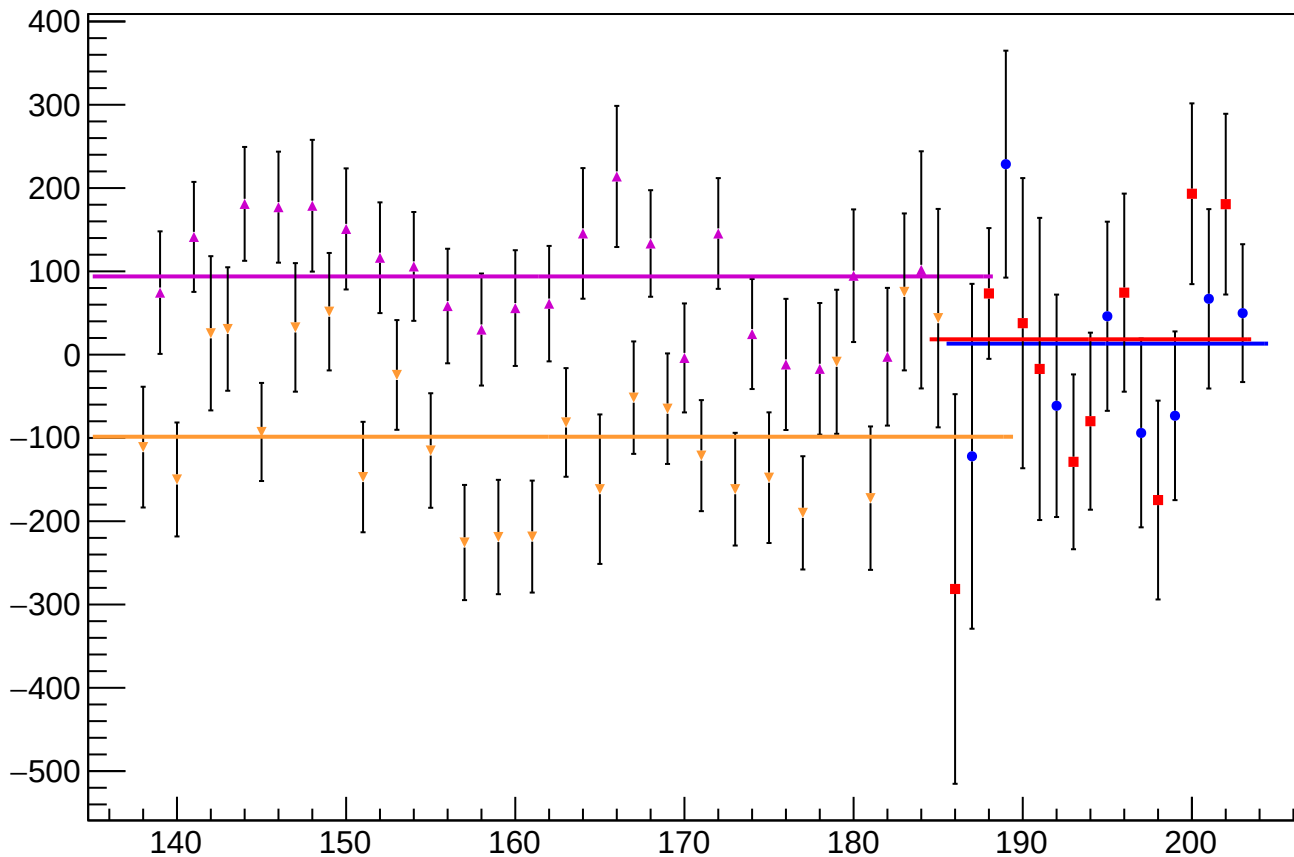
Left In: 930.854 ± 0.159 χ^2/NDF : 621985.5/22

+ sign 992.666 ± 0.152 χ^2/NDF : 4112802.5/32

All: 1000.553 ± 0.108 χ^2/NDF : 9558909.5/65

- sign 1008.655 ± 0.154 χ^2/NDF : 5440657.6/32

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: 18.399 $\pm$ 36.909 χ^2/NDF : 12.7/9

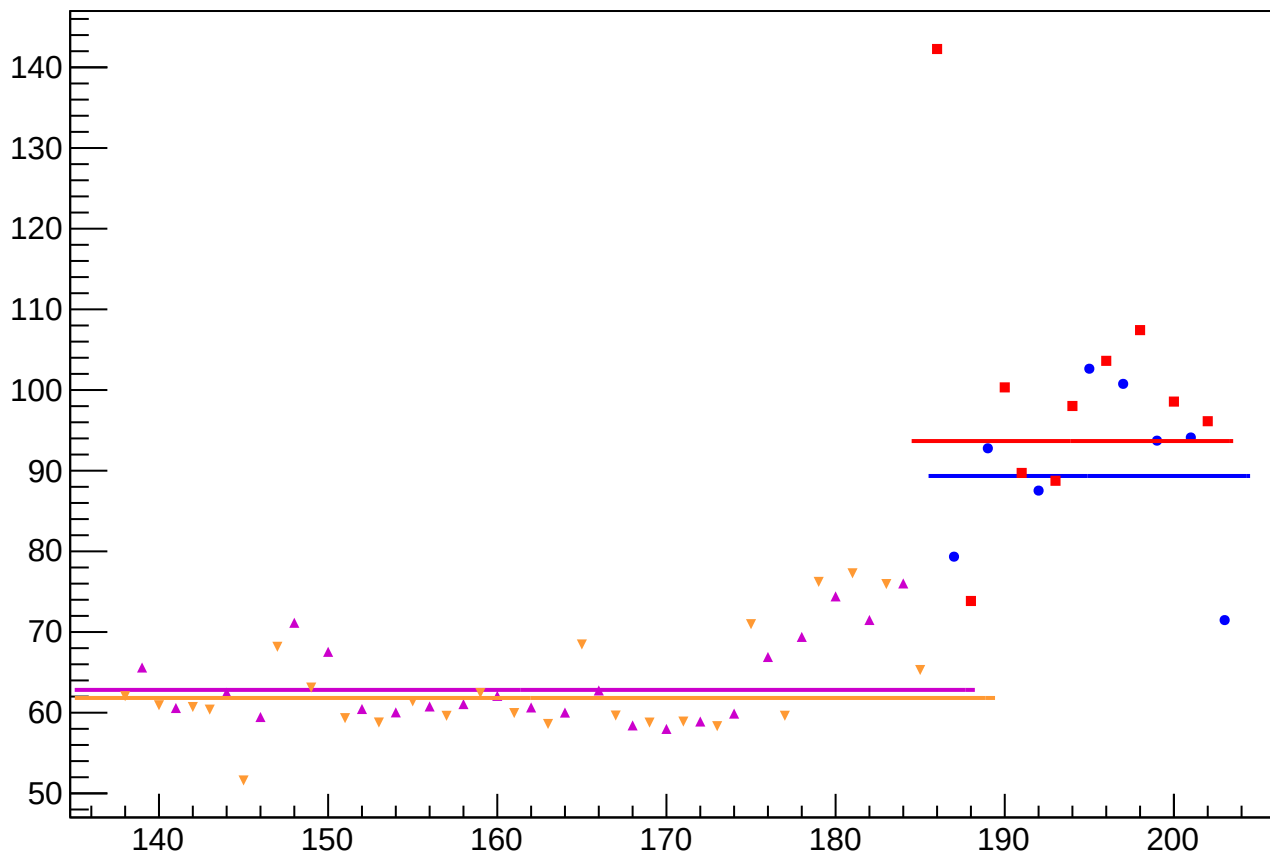
Left In: 93.899 $\pm$ 15.039 χ^2/NDF : 19.3/22

+ sign -85.654 $\pm$ -13.661 χ^2/NDF : 47.5/32

All: -2.881 $\pm$ -9.753 χ^2/NDF : 157.9/65

- sign 83.149 $\pm$ -13.927 χ^2/NDF : 35.5/32

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 89.345 $\pm$ 0.028 χ^2 /NDF: 154909.0/7

Left Out: 61.827 $\pm$ 0.010 χ^2 /NDF: 313572.8/24

Right Out: 93.675 $\pm$ 0.026 χ^2 /NDF: 271180.8/9

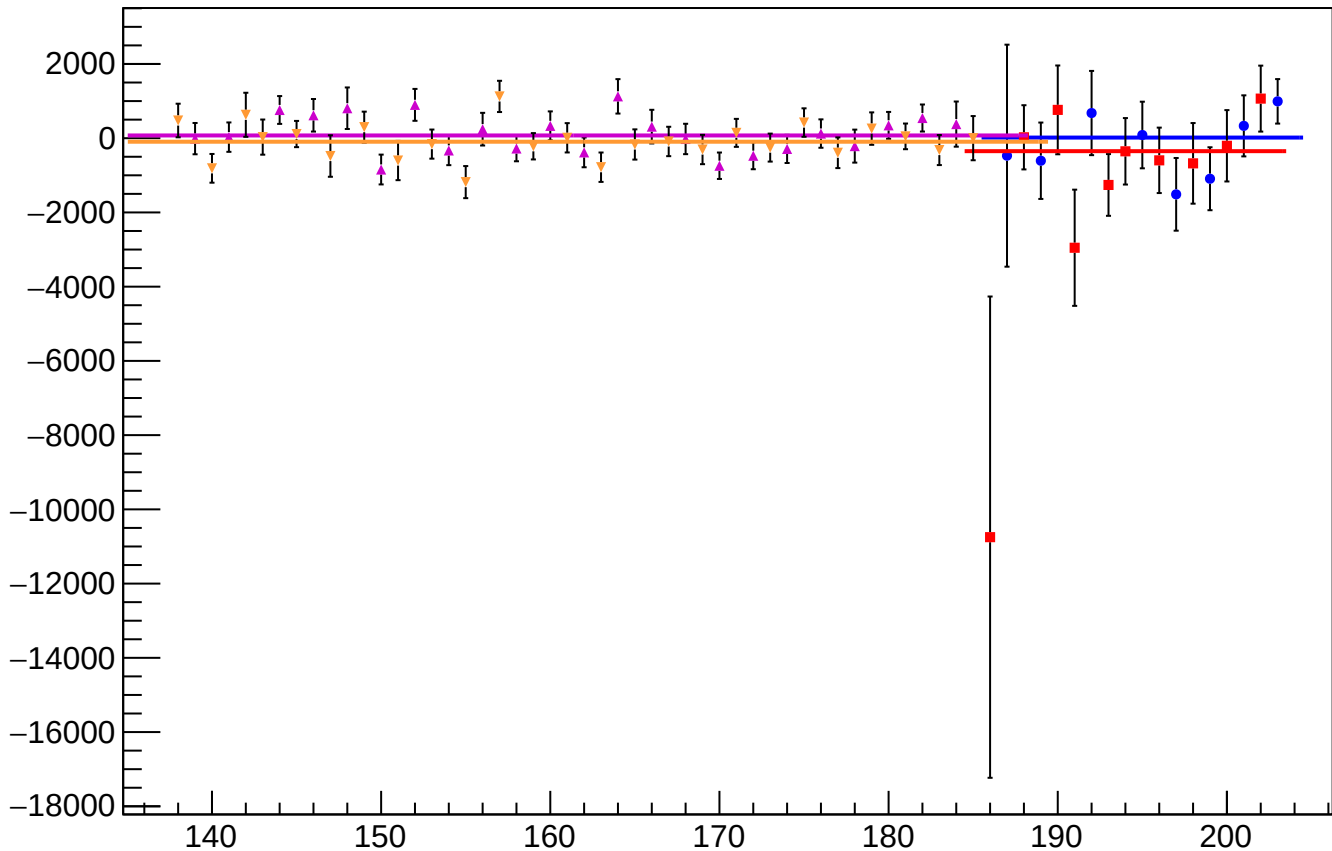
Left In: 62.827 $\pm$ 0.011 χ^2 /NDF: 187007.2/22

+ sign 65.003 $\pm$ 0.010 χ^2 /NDF: 1297011.6/32

All: 66.090 $\pm$ 0.007 χ^2 /NDF: 2979123.6/65

- sign 67.219 $\pm$ 0.010 χ^2 /NDF: 1656298.9/32

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: -349.370 ± 322.013 χ^2/NDF : 10.3/9

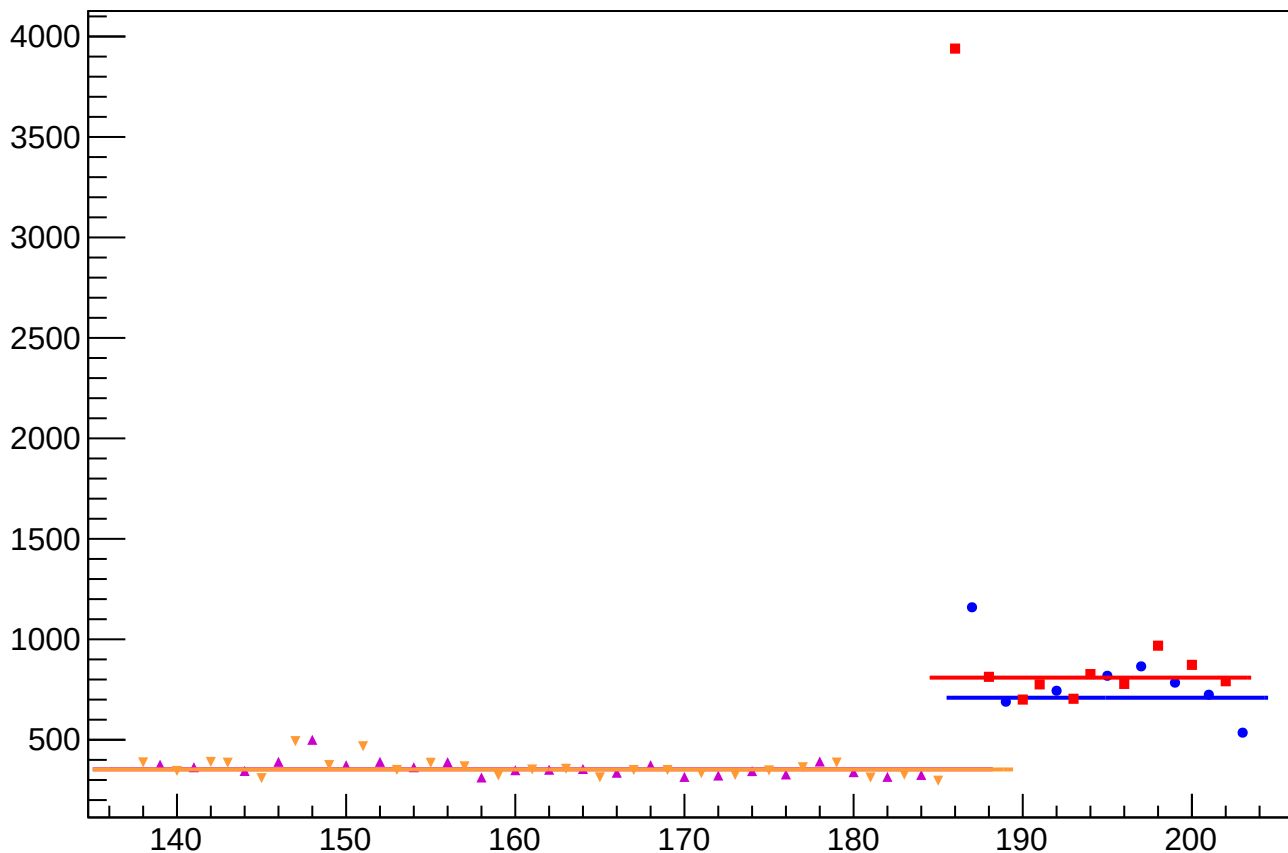
Left In: 73.914 ± 84.652 χ^2/NDF : 36.4/22

+ sign -87.878 ± 80.204 χ^2/NDF : 39.4/32

All: -22.045 ± 57.293 χ^2/NDF : 89.0/65

- sign 46.553 ± 81.870 χ^2/NDF : 48.3/32

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: 809.361 $\pm$ 0.228 χ^2 /NDF: 571633.5/9

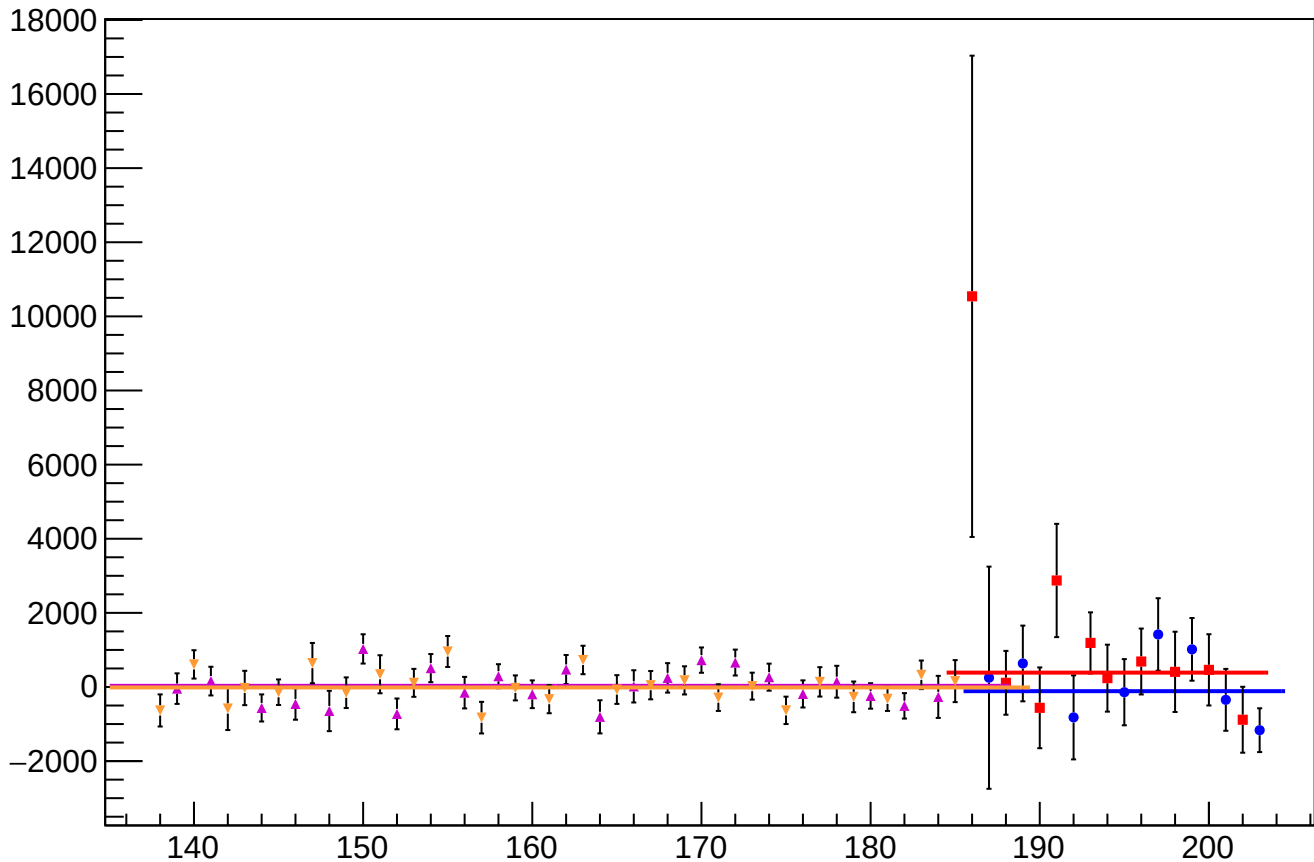
Left In: 353.197 $\pm$ 0.060 χ^2 /NDF: 321761.0/22

+ sign 374.831 $\pm$ 0.057 χ^2 /NDF: 3063685.7/32

All: 378.677 $\pm$ 0.041 χ^2 /NDF: 7720548.8/65

- sign 382.684 $\pm$ 0.058 χ^2 /NDF: 4647474.6/32

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: 387.859 ± 319.392 χ^2/NDF : 9.1/9

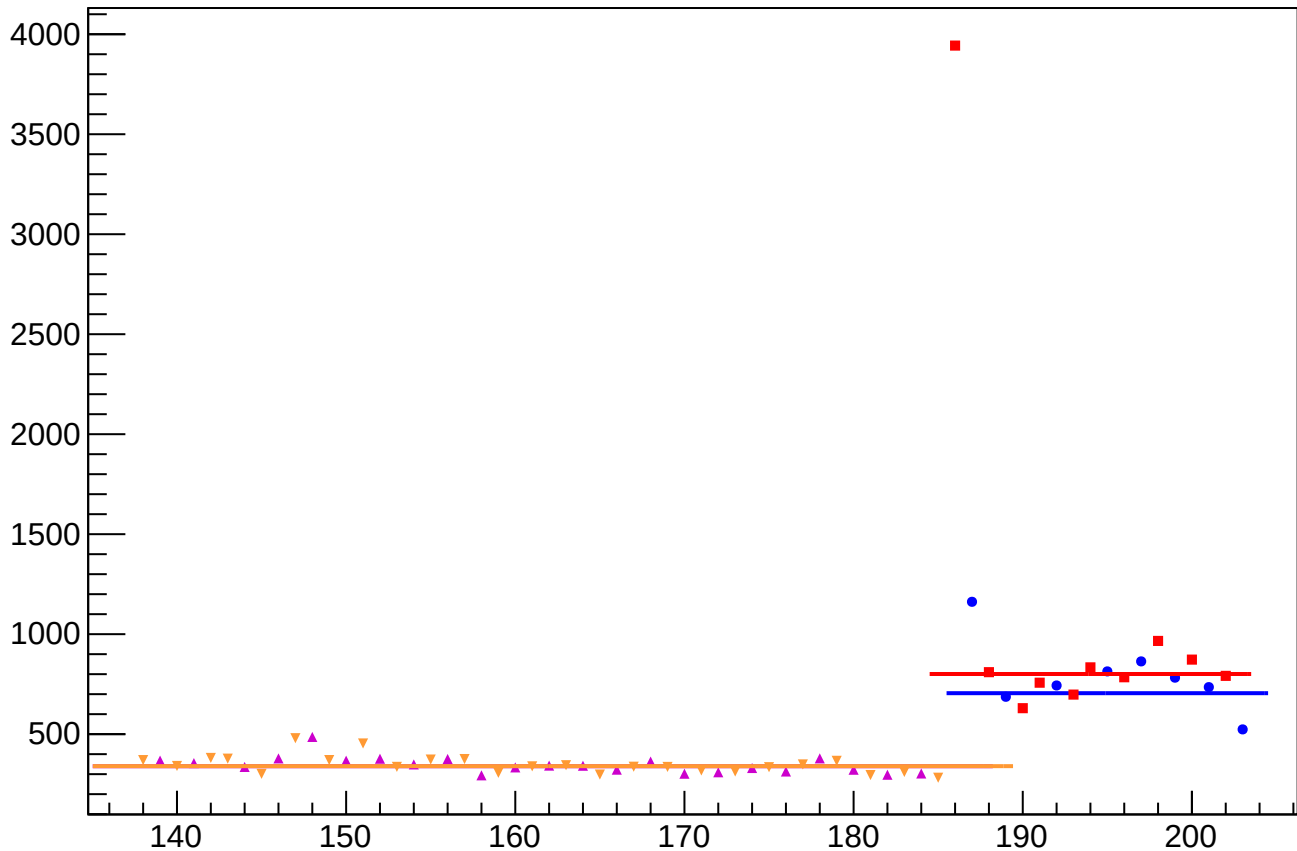
Left In: 31.531 ± 81.476 χ^2/NDF : 34.8/22

+ sign -18.481 ± 77.579 χ^2/NDF : 35.9/32

All: 16.783 ± 55.334 χ^2/NDF : 81.3/65

- sign 53.302 ± 78.948 χ^2/NDF : 45.0/32

asym_sam_13_57_dd_rms vs Slug



Right In: 704.892+/-0.225 χ^2/NDF : 339306.8/7

Left Out: 340.018+/-0.057 χ^2/NDF : 465345.1/24

Right Out: 800.856+/-0.226 χ^2/NDF : 612091.5/9

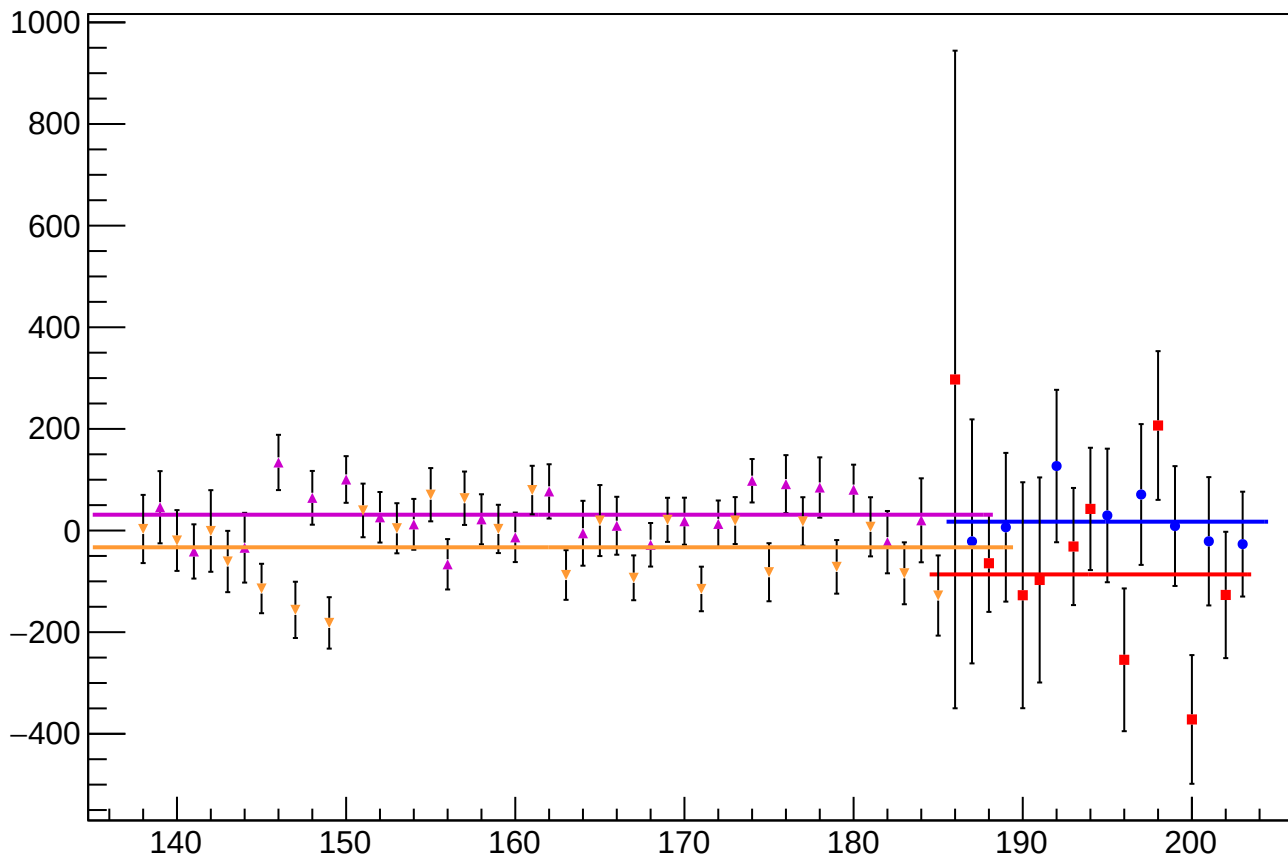
Left In: 339.571+/-0.058 χ^2/NDF : 377816.0/22

+ sign 361.633+/-0.055 χ^2/NDF : 3270223.6/32

All: 364.640+/-0.039 χ^2/NDF : 8183128.9/65

- sign 367.755+/-0.056 χ^2/NDF : 4906787.7/32

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: -86.320 ± 43.640 $\chi^2/\text{NDF}: 12.4/9$

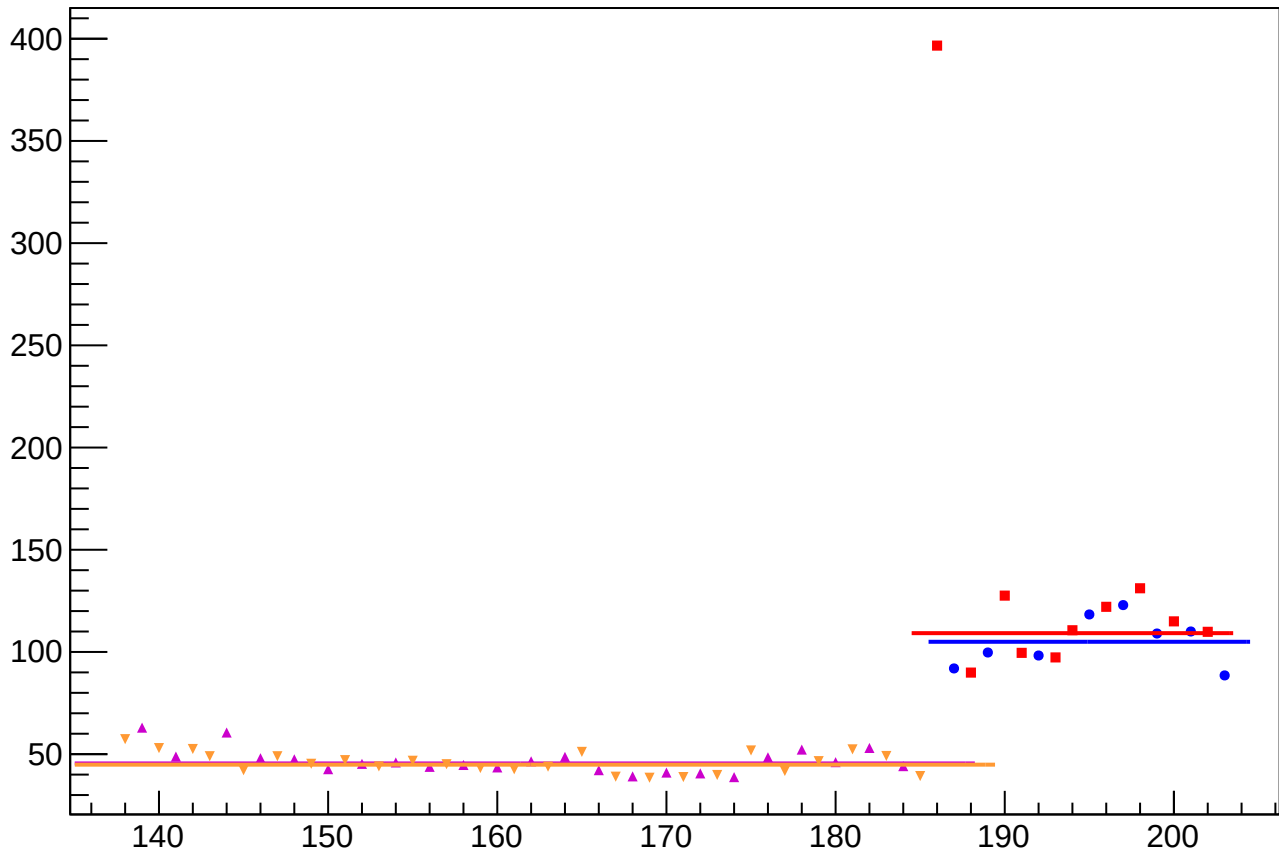
Left In: 31.144 ± 10.958 $\chi^2/\text{NDF}: 23.4/22$

+ sign -30.564 ± 10.323 $\chi^2/\text{NDF}: 50.1/32$

All: -3.991 ± 7.405 $\chi^2/\text{NDF}: 106.4/65$

- sign 24.177 ± 10.628 $\chi^2/\text{NDF}: 42.7/32$

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 104.980 $\pm$ 0.033 χ^2 /NDF: 123161.9/7

Left Out: 44.862 $\pm$ 0.007 χ^2 /NDF: 415524.3/24

Right Out: 109.201 $\pm$ 0.031 χ^2 /NDF: 581689.0/9

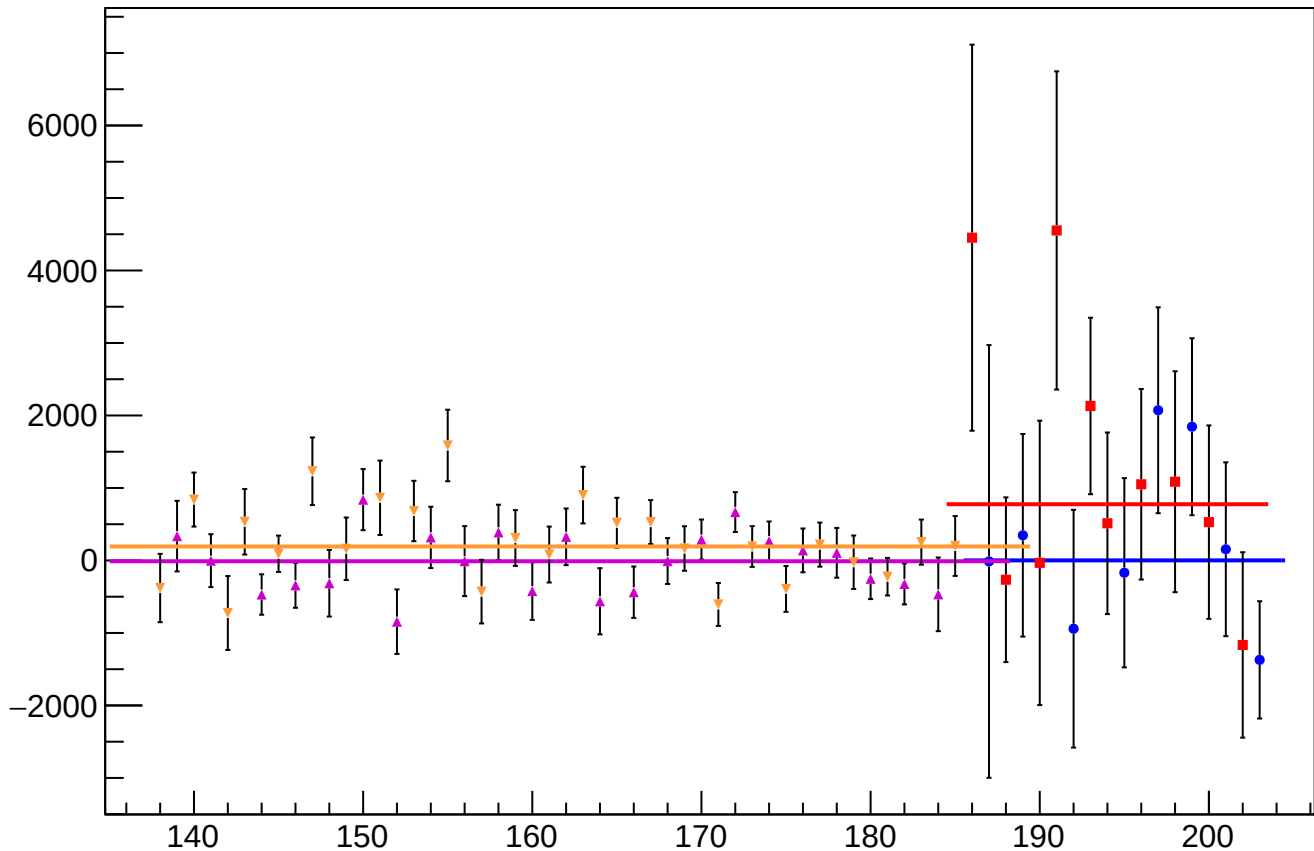
Left In: 45.465 $\pm$ 0.008 χ^2 /NDF: 457021.7/22

+ sign 47.726 $\pm$ 0.007 χ^2 /NDF: 3616612.5/32

All: 48.464 $\pm$ 0.005 χ^2 /NDF: 8689377.8/65

- sign 49.245 $\pm$ 0.008 χ^2 /NDF: 5051745.3/32

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 1.058+/-448.362 χ^2/NDF : 7.7/7

Left Out: 192.946+/-70.968 χ^2/NDF : 45.8/24

Right Out: 775.780+/-452.718 χ^2/NDF : 9.6/9

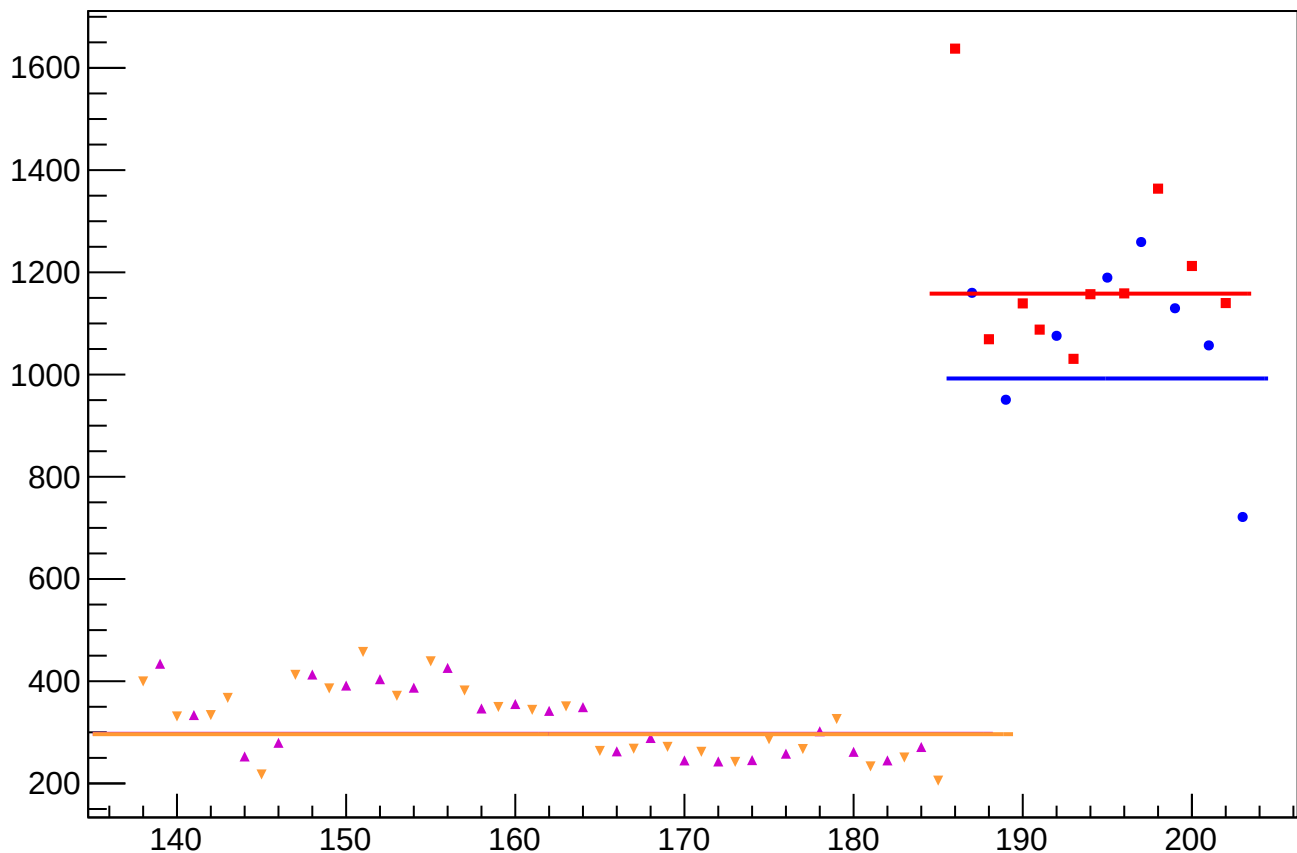
Left In: -10.801+/-72.300 χ^2/NDF : 30.2/22

+ sign 188.256+/-70.095 χ^2/NDF : 53.7/32

All: 100.158+/-50.018 χ^2/NDF : 99.7/65

- sign 8.762+/-71.395 χ^2/NDF : 42.8/32

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: 1158.336 $\pm$ 0.320 χ^2 /NDF: 141436.6/9

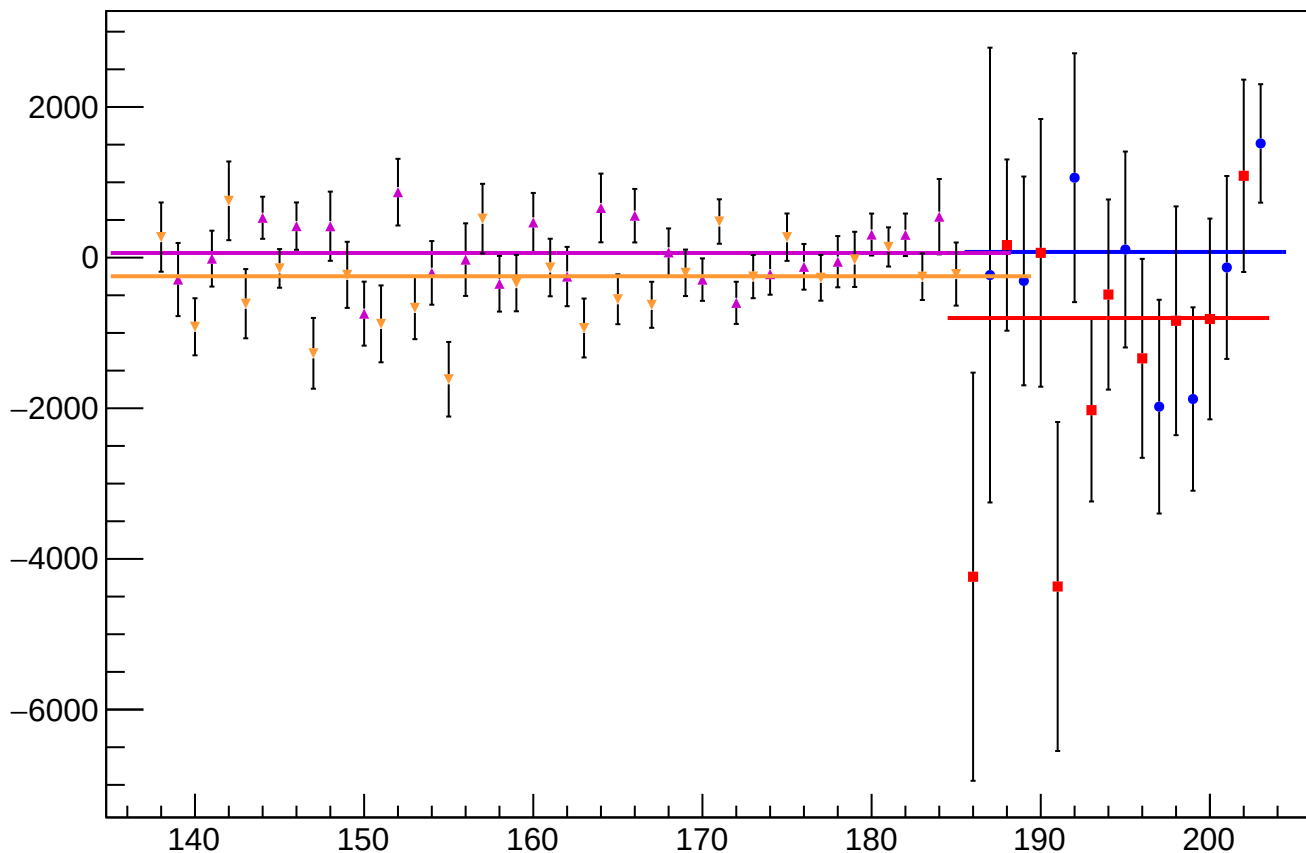
Left In: 297.137 $\pm$ 0.051 χ^2 /NDF:1320750.3/22

+ sign 313.393 $\pm$ 0.050 χ^2 /NDF: 6721702.0/32

All: 315.927 $\pm$ 0.035 χ^2 /NDF: 15246583.2/65

- sign 318.555 $\pm$ 0.050 χ^2 /NDF: 8519557.0/32

asym_sam_15_37_dd_mean vs Slug



Right In: 75.359 ± 444.793 $\chi^2/\text{NDF}: 8.5/7$

Left Out: -247.108 ± 71.218 $\chi^2/\text{NDF}: 43.6/24$

Right Out: -801.824 ± 450.494 $\chi^2/\text{NDF}: 8.7/9$

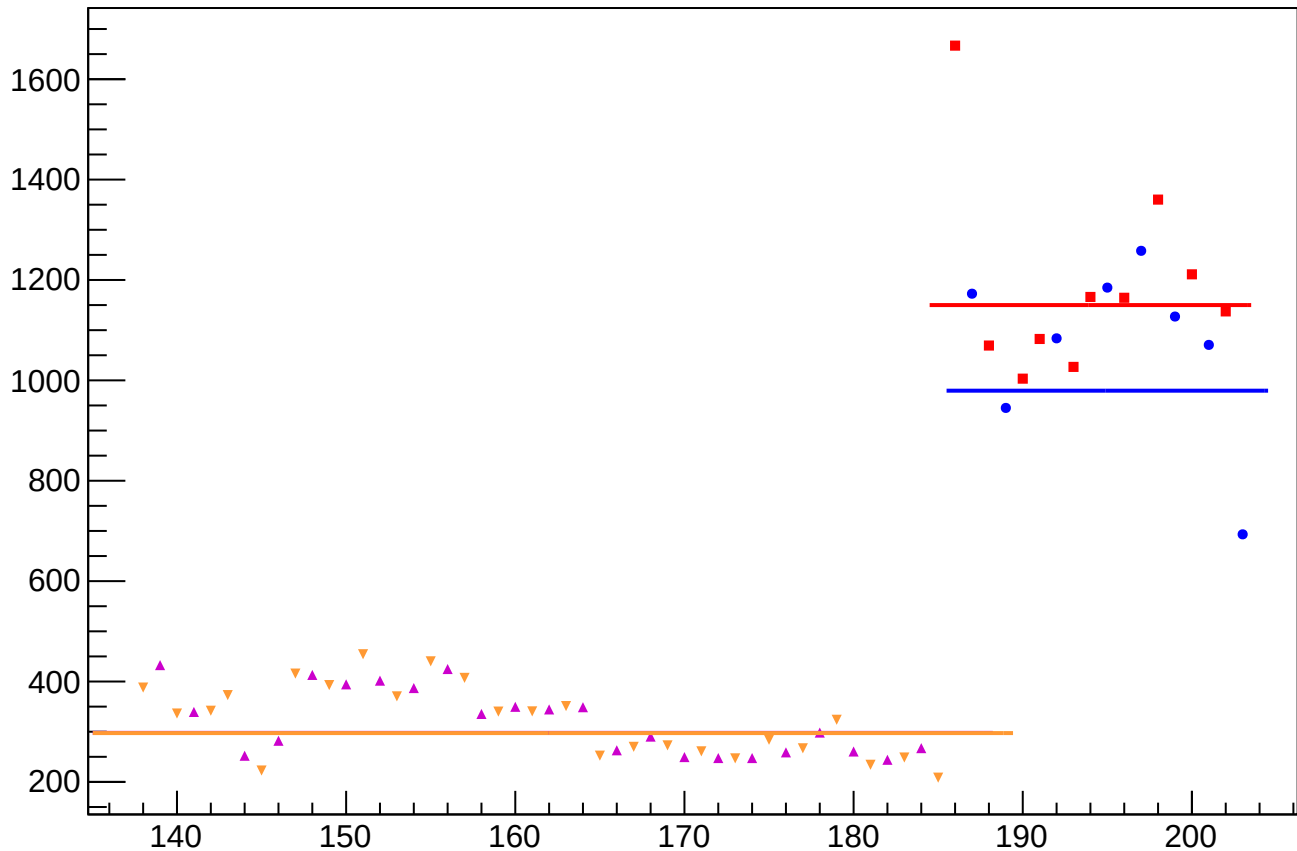
Left In: 61.707 ± 72.478 $\chi^2/\text{NDF}: 30.3/22$

+ sign -239.047 ± 70.322 $\chi^2/\text{NDF}: 52.6/32$

All: -101.992 ± 50.156 $\chi^2/\text{NDF}: 102.9/65$

- sign 39.919 ± 71.557 $\chi^2/\text{NDF}: 42.6/32$

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: 1150.000+/-0.319 χ^2/NDF : 162290.4/9

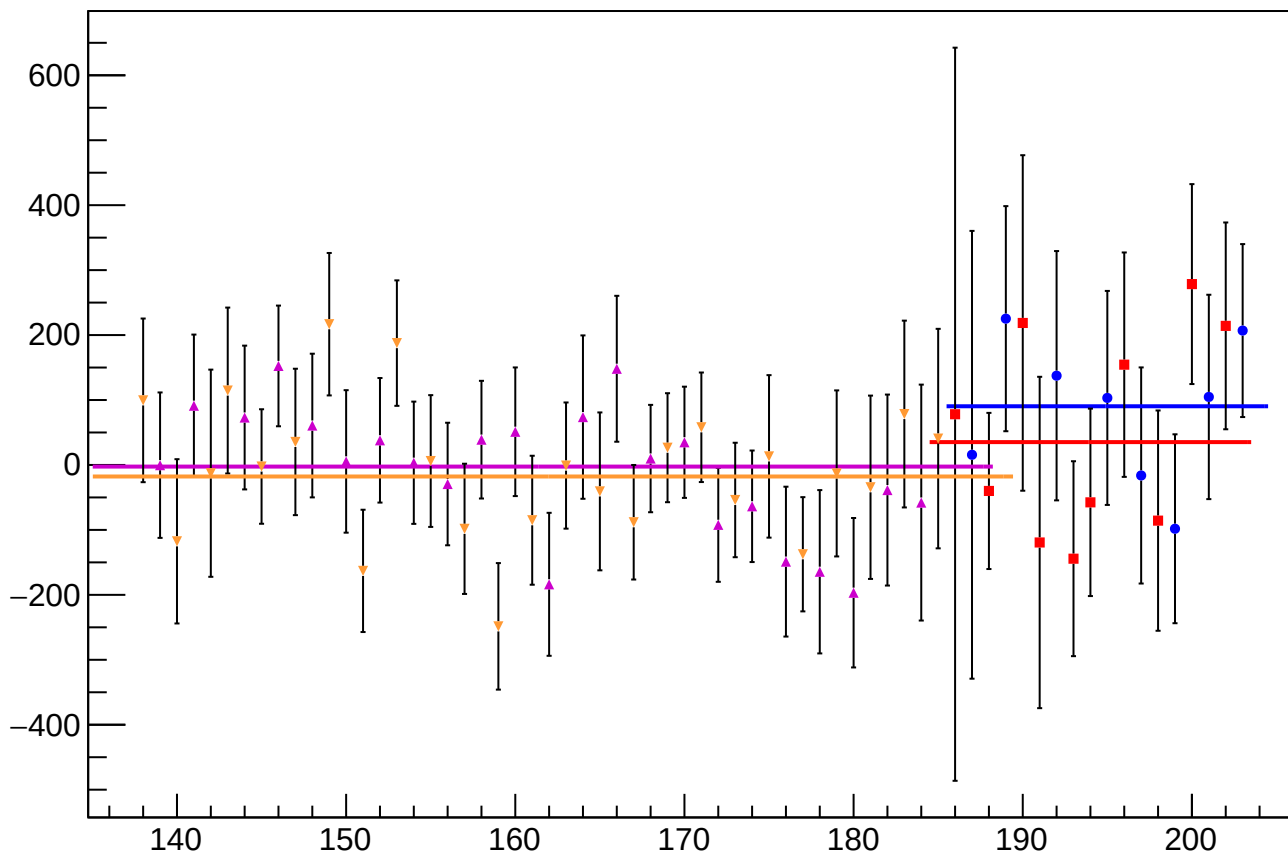
Left In: 297.696+/-0.051 χ^2/NDF : 1274607.7/22

+ sign 314.324+/-0.050 χ^2/NDF : 6664661.5/32

All: 316.720+/-0.035 χ^2/NDF : 15084456.8/65

- sign 319.201+/-0.051 χ^2/NDF : 8415070.7/32

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: 35.188 $\pm$ 53.833 χ^2 /NDF: 7.9/9

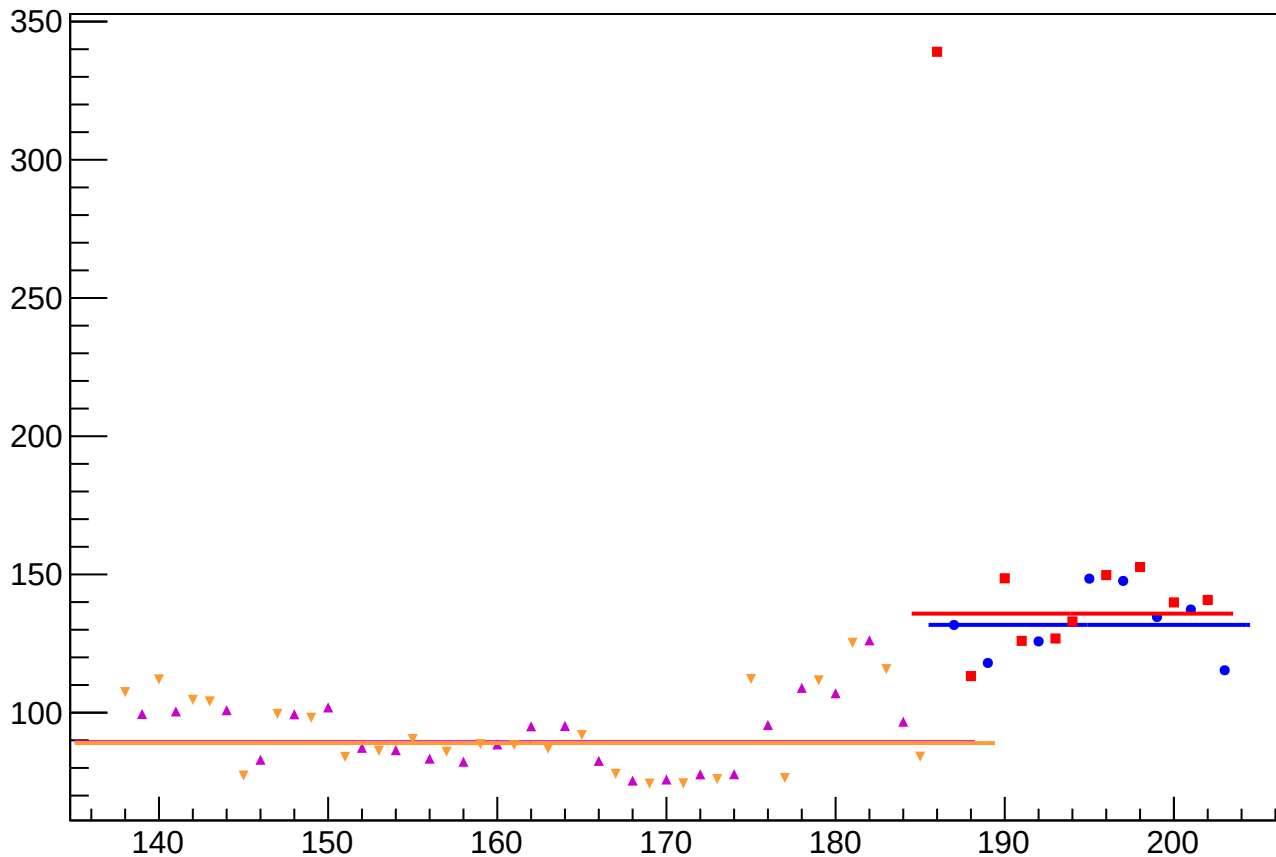
Left In: -2.505 $\pm$ 21.582 χ^2 /NDF: 18.0/22

+ sign -5.533 $\pm$ 19.891 χ^2 /NDF: 32.1/32

All: -1.439 $\pm$ 14.115 χ^2 /NDF: 58.4/65

- sign 2.714 $\pm$ 20.032 χ^2 /NDF: 26.3/32

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 131.762 $\pm$ 0.042 χ^2 /NDF: 87115.5/7

Left Out: 88.991 $\pm$ 0.015 χ^2 /NDF: 807471.2/24

Right Out: 135.822 $\pm$ 0.038 χ^2 /NDF: 381902.2/9

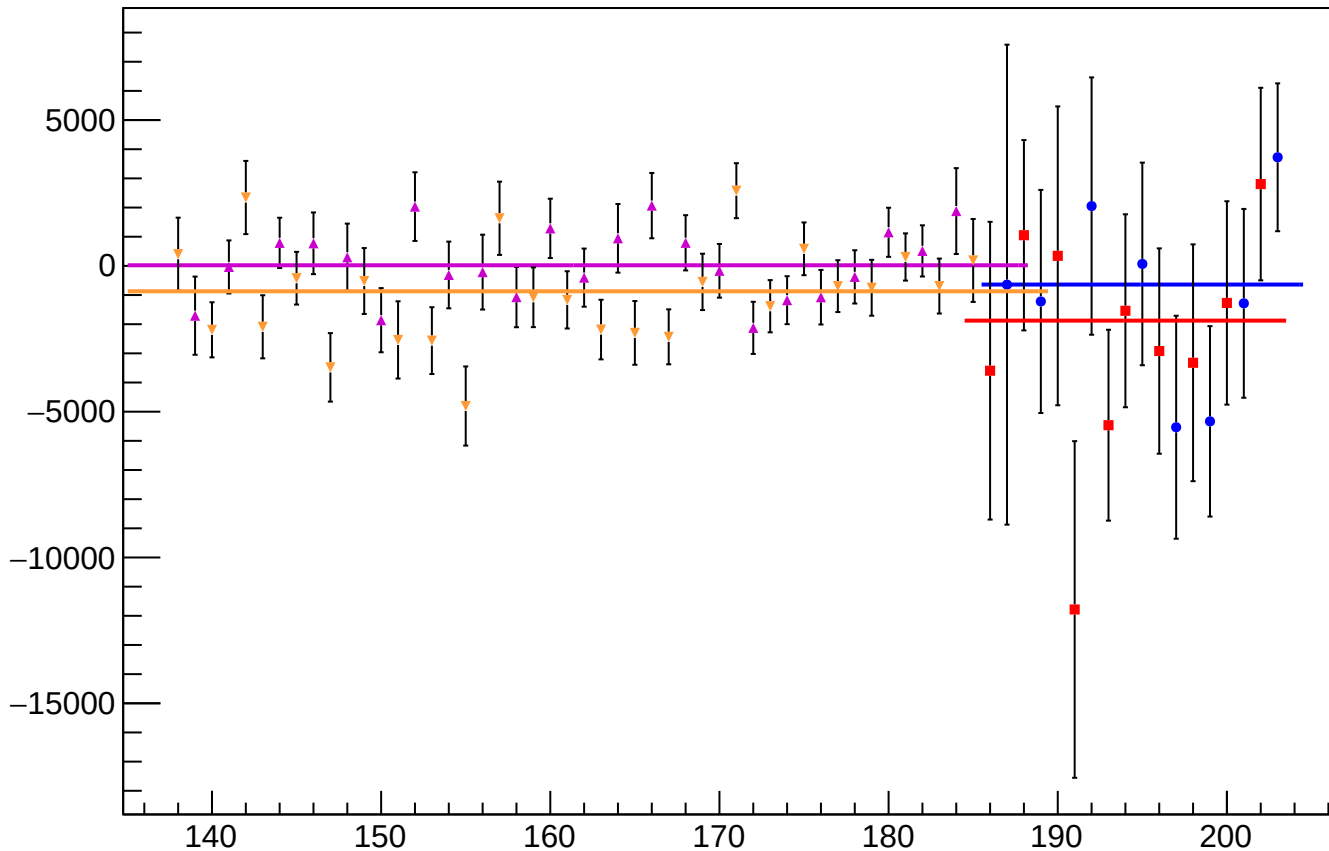
Left In: 89.321 $\pm$ 0.015 χ^2 /NDF: 560433.9/22

+ sign 93.828 $\pm$ 0.014 χ^2 /NDF: 1822274.6/32

All: 94.788 $\pm$ 0.010 χ^2 /NDF: 4059640.9/65

- sign 95.760 $\pm$ 0.014 χ^2 /NDF: 2227998.7/32

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: -1877.413 ± 1194.936 χ^2/NDF : 7.5/9

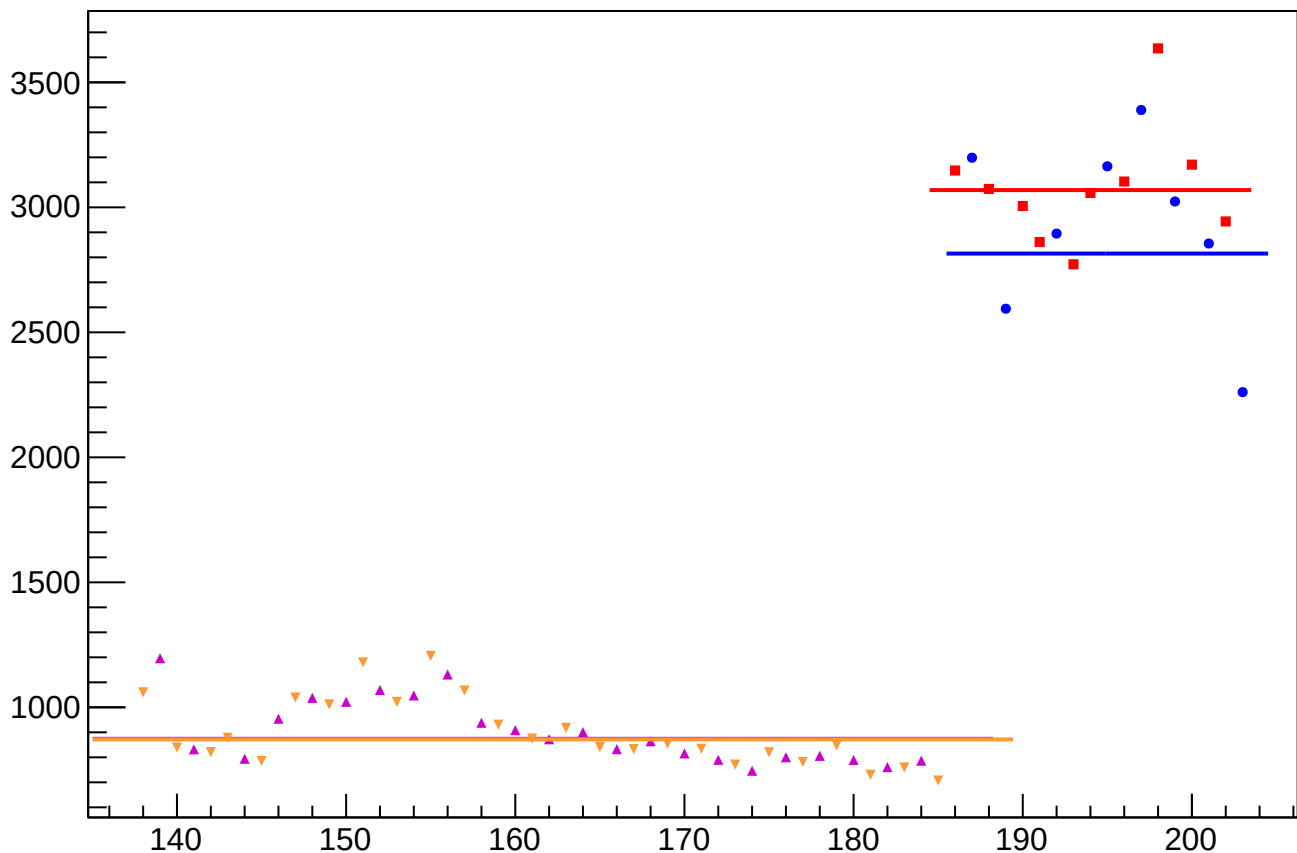
Left In: 20.573 ± 210.177 χ^2/NDF : 29.7/22

+ sign -865.049 ± 203.284 χ^2/NDF : 64.8/32

All: -458.219 ± 145.039 χ^2/NDF : 112.6/65

- sign -36.383 ± 206.999 χ^2/NDF : 39.6/32

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: 3069.064 $\pm$ 0.845 χ^2 /NDF: 63600.8/9

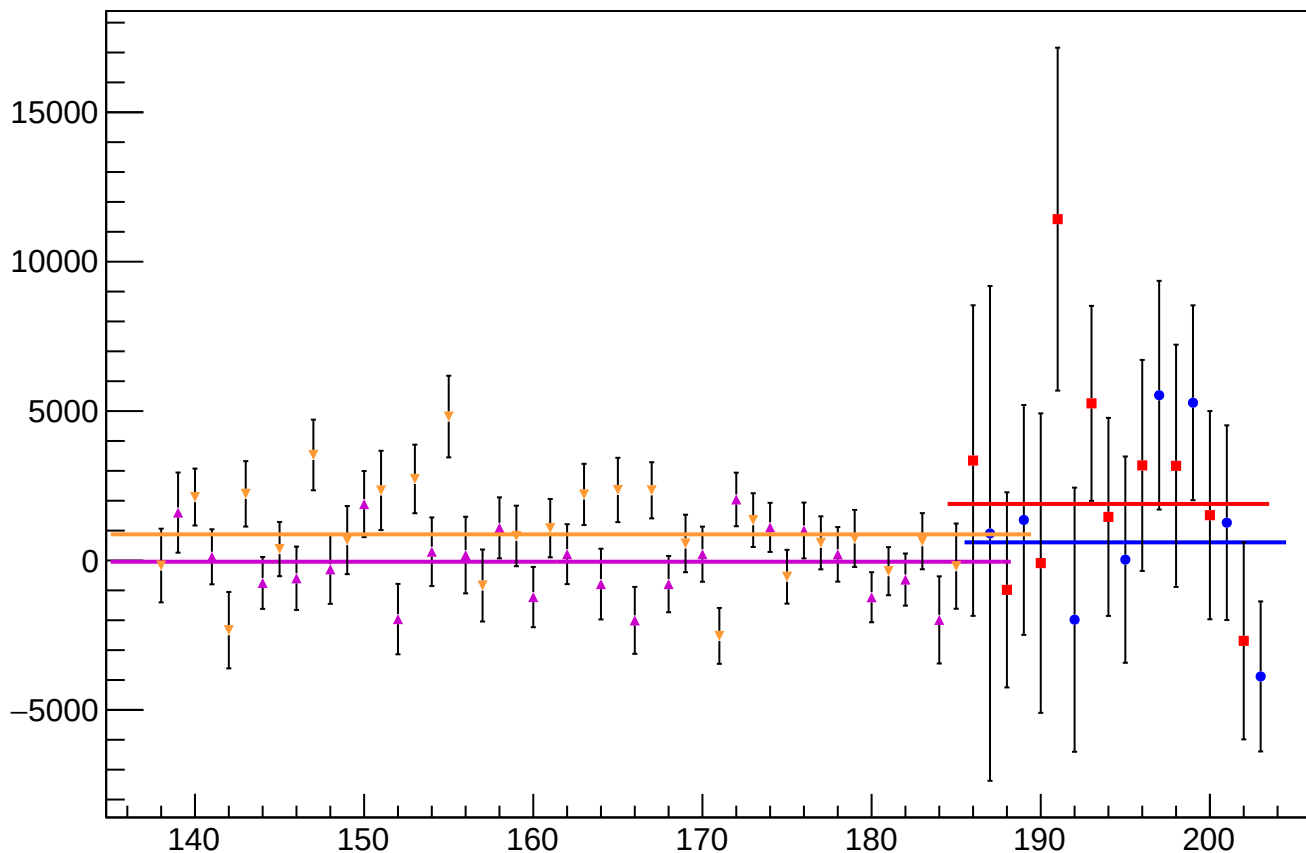
Left In: 874.055 $\pm$ 0.149 χ^2 /NDF: 578510.6/22

+ sign 922.333 $\pm$ 0.144 χ^2 /NDF: 5462527.1/32

All: 930.970 $\pm$ 0.103 χ^2 /NDF: 12658064.4/65

- sign 939.925 $\pm$ 0.146 χ^2 /NDF: 7188184.3/32

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: 1893.001 ± 1194.039 χ^2/NDF : 7.0/9

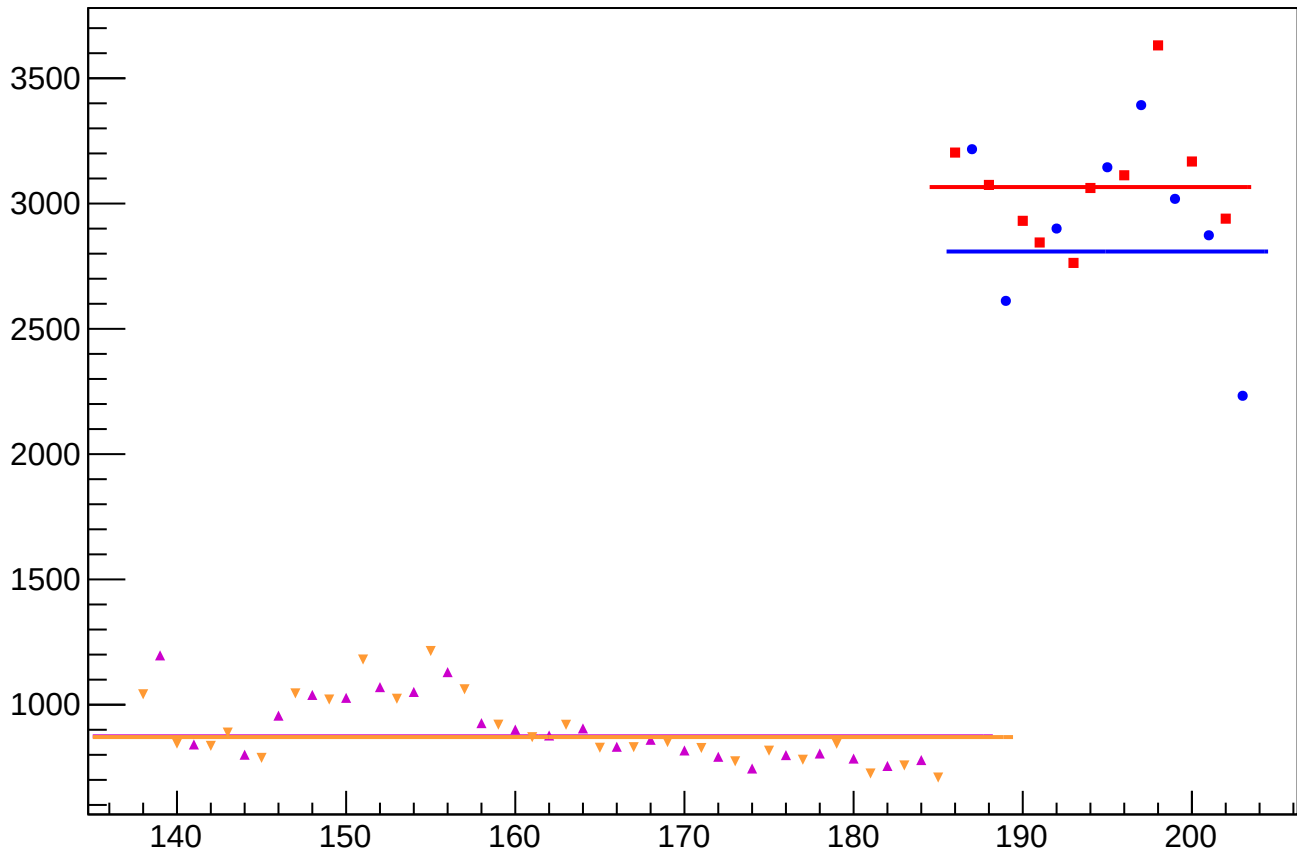
Left In: -41.523 ± 210.209 χ^2/NDF : 28.1/22

+ sign 868.111 ± 202.879 χ^2/NDF : 62.5/32

All: 450.982 ± 144.901 χ^2/NDF : 108.8/65

- sign 16.631 ± 207.025 χ^2/NDF : 37.7/32

asym_sam_24_68_dd_rms vs Slug



Right In: 2808.602 $\pm$ 0.889 χ^2 /NDF: 190780.3/7

Left Out: 870.853 $\pm$ 0.145 χ^2 /NDF: 651805.6/24

Right Out: 3065.824 $\pm$ 0.844 χ^2 /NDF: 66941.9/9

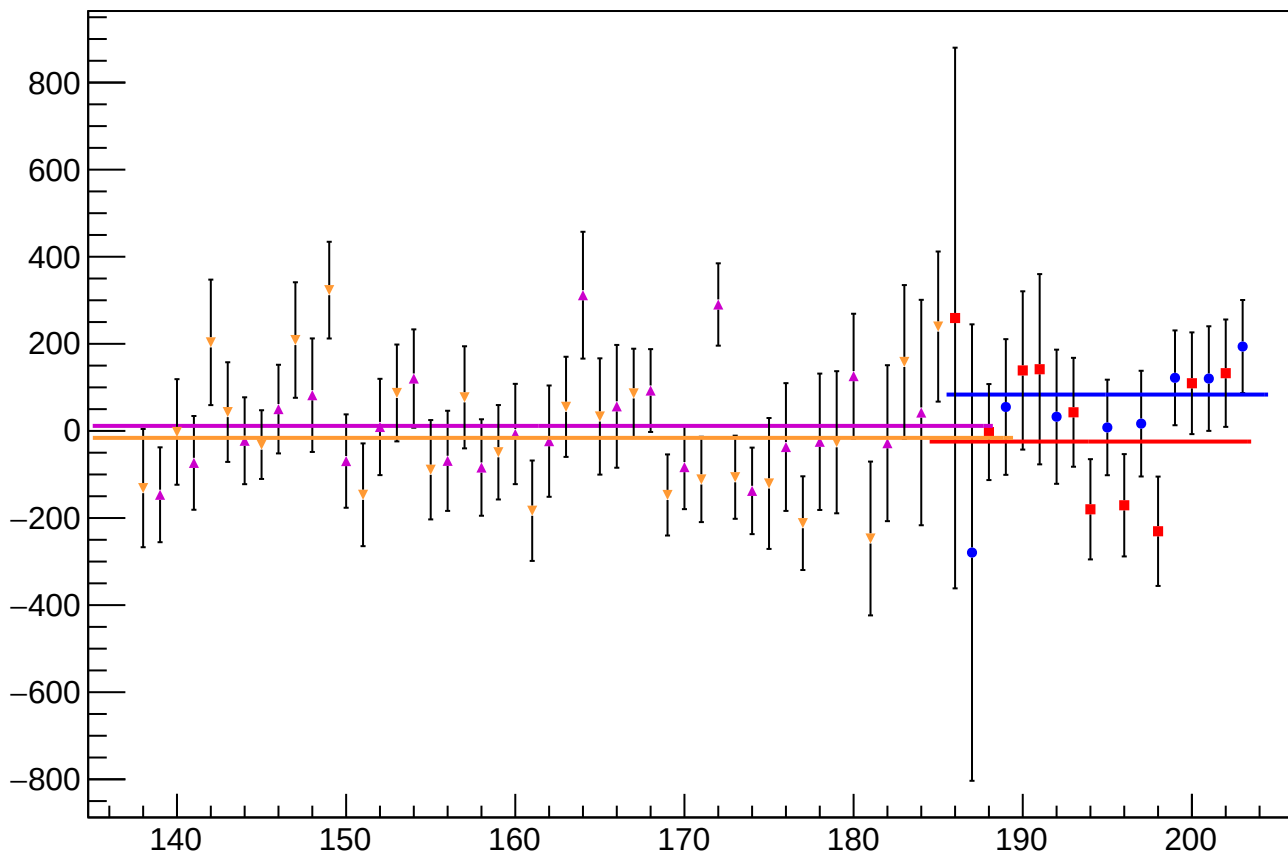
Left In: 873.902 $\pm$ 0.149 χ^2 /NDF: 583344.5/22

+ sign 921.293 $\pm$ 0.143 χ^2 /NDF: 5468269.5/32

All: 930.357 $\pm$ 0.102 χ^2 /NDF: 12663839.3/65

- sign 939.794 $\pm$ 0.146 χ^2 /NDF: 7187421.8/32

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: -24.435 ± 42.619 χ^2/NDF : 10.9/9

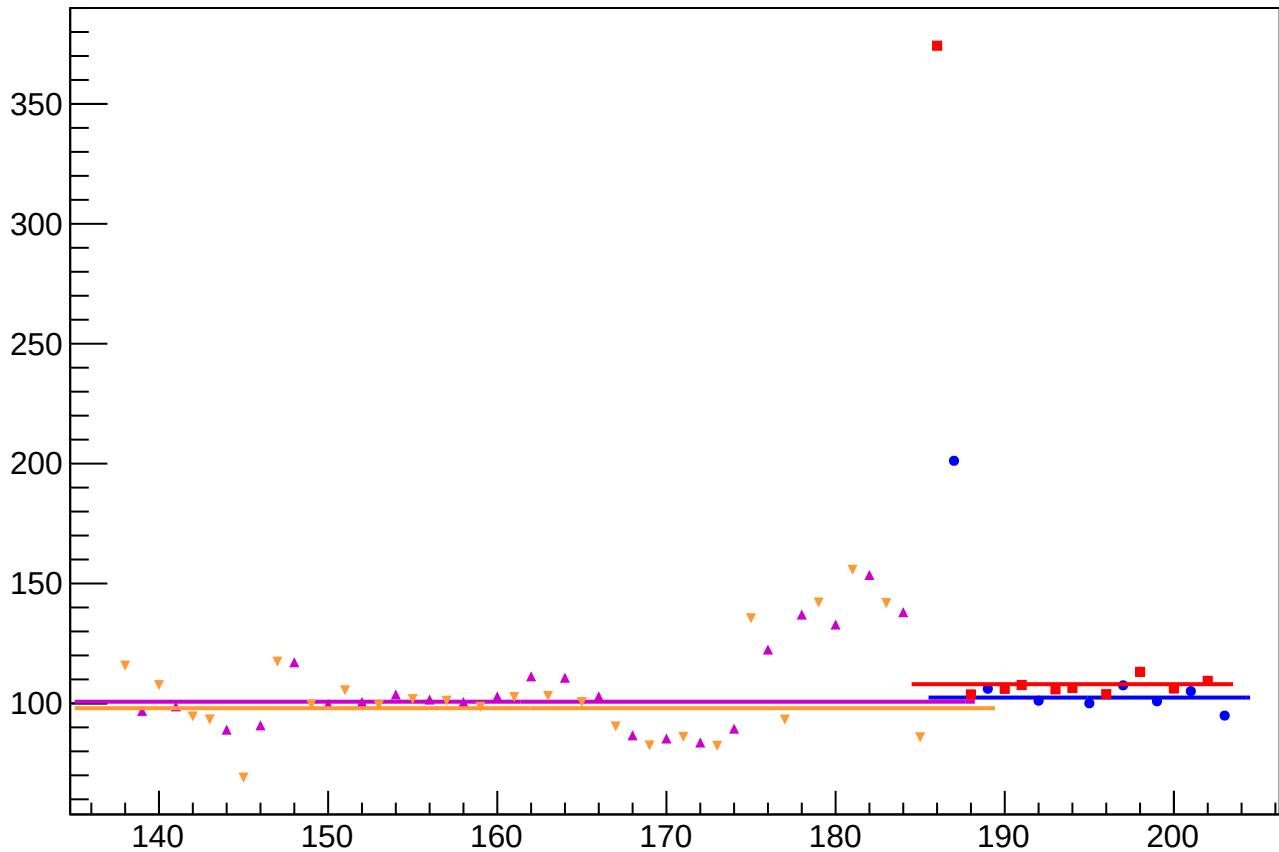
Left In: 11.570 ± 24.412 χ^2/NDF : 24.0/22

+ sign 4.687 ± 20.810 χ^2/NDF : 41.4/32

All: 3.699 ± 14.845 χ^2/NDF : 76.8/65

- sign 2.675 ± 21.183 χ^2/NDF : 35.4/32

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: 108.010 $\pm$ 0.030 χ^2 /NDF: 378651.9/9

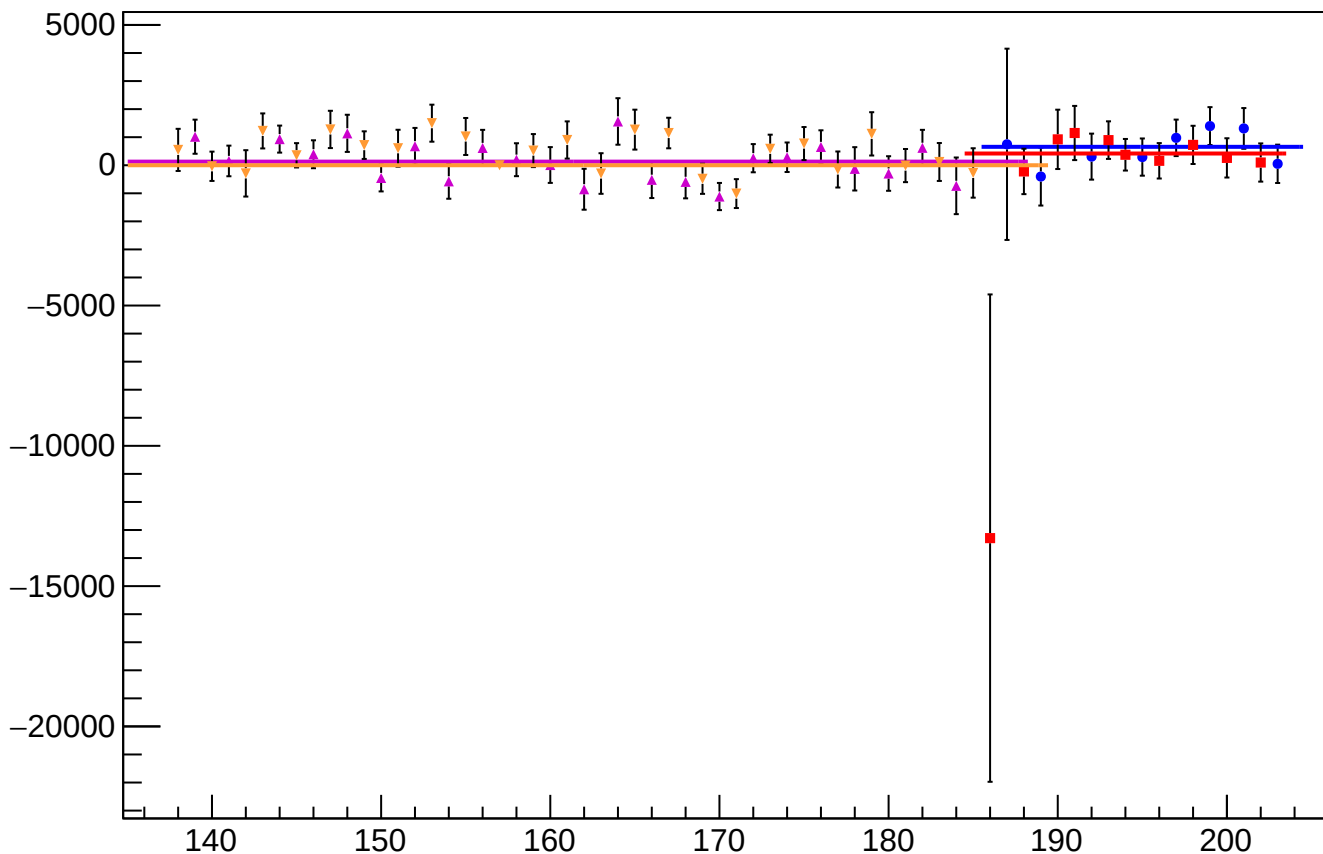
Left In: 100.704 $\pm$ 0.017 χ^2 /NDF:759922.8/22

+ sign 98.920 $\pm$ 0.015 χ^2 /NDF: 1257944.8/32

All: 100.683 $\pm$ 0.010 χ^2 /NDF: 2469978.8/65

- sign 102.508 $\pm$ 0.015 χ^2 /NDF: 1182830.3/32

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 656.360 ± 273.328 χ^2/NDF : 4.6/7

Left Out: -0.000 ± 0.000 χ^2/NDF : 39.9/24

Right Out: 418.248 ± 237.310 χ^2/NDF : 5.1/9

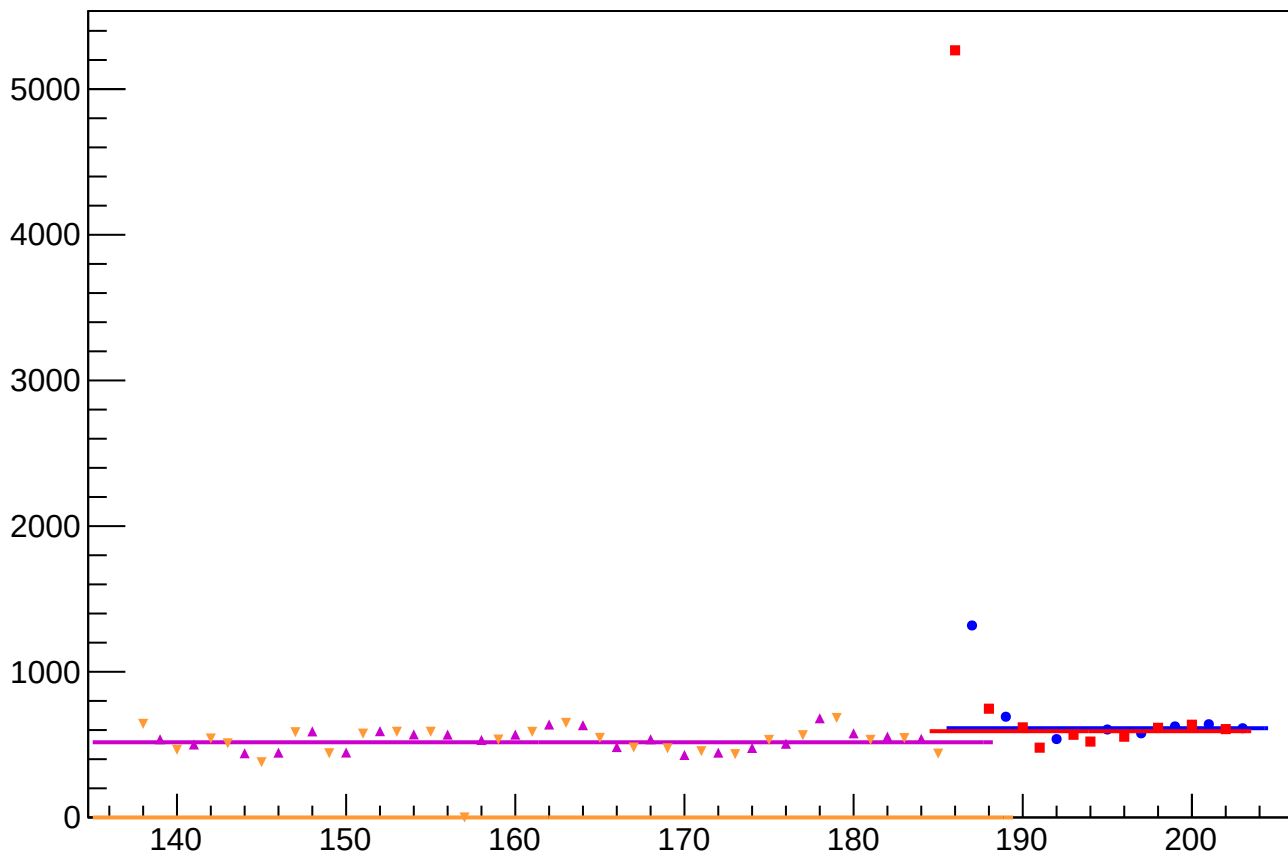
Left In: 129.094 ± 124.247 χ^2/NDF : 28.3/22

+ sign -0.000 ± 0.000 χ^2/NDF : 50.2/32

All: -0.000 ± 0.000 χ^2/NDF : 87.8/65

- sign 191.304 ± 110.073 χ^2/NDF : 34.6/32

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 612.592 $\pm$ 0.193 χ^2 /NDF: 123534.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 34974091.9/24

Right Out: 592.054 $\pm$ 0.168 χ^2 /NDF: 734162.9/9

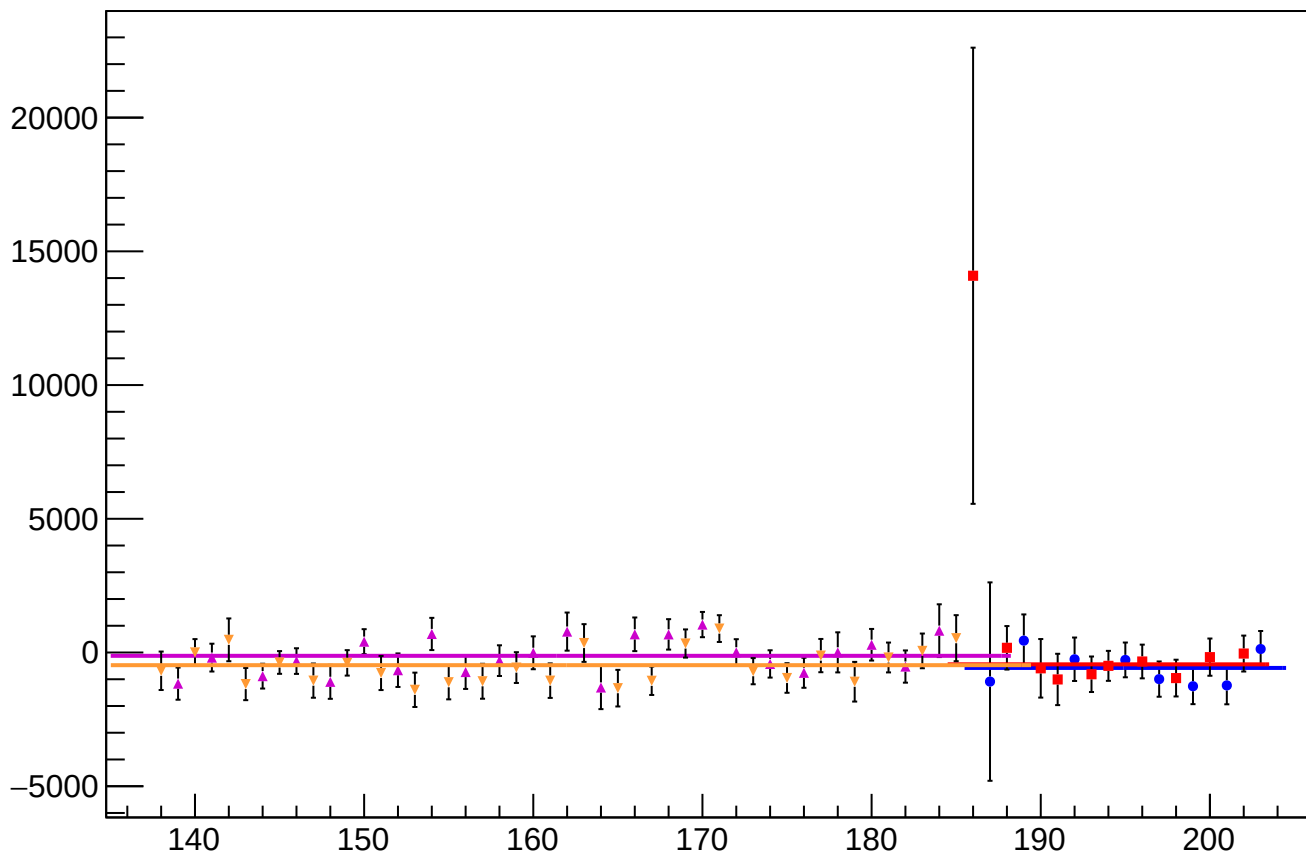
Left In: 516.120 $\pm$ 0.088 χ^2 /NDF: 571744.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 45143861.4/32

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 93409702.7/65

- sign 532.457 $\pm$ 0.078 χ^2 /NDF: 1466623.6/32

asym_sam_26_48_dd_mean vs Slug



Right In: -576.874+/-269.871 χ^2/NDF : 4.9/7

Left Out: -473.870+/-117.977 χ^2/NDF : 27.9/24

Right Out: -442.310+/-236.921 χ^2/NDF : 5.3/9

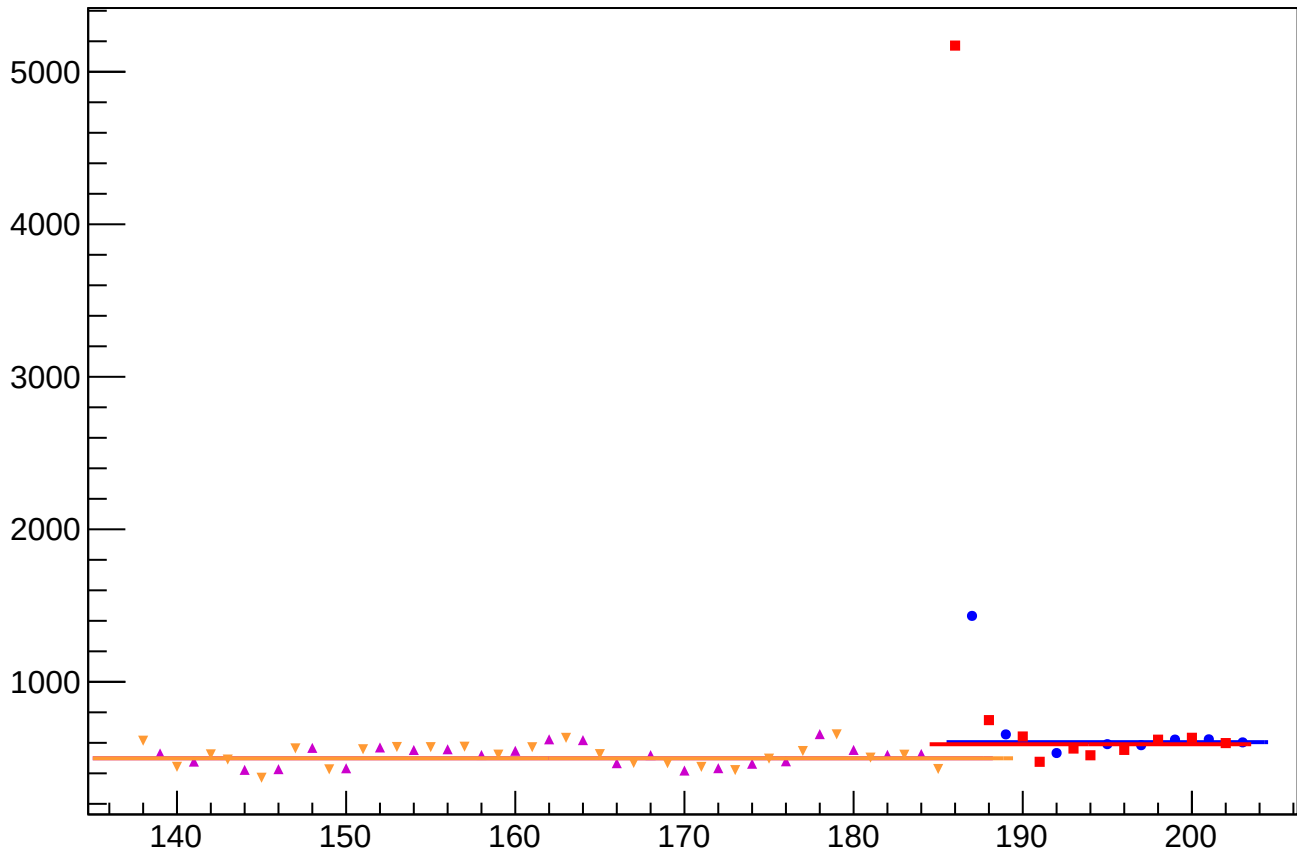
Left In: -124.022+/-120.216 χ^2/NDF : 30.2/22

+ sign -490.397+/-108.099 χ^2/NDF : 32.9/32

All: -338.543+/-76.119 χ^2/NDF : 73.7/65

- sign -189.191+/-107.205 χ^2/NDF : 36.9/32

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: 590.788+/-0.168 χ^2/NDF : 741162.7/9

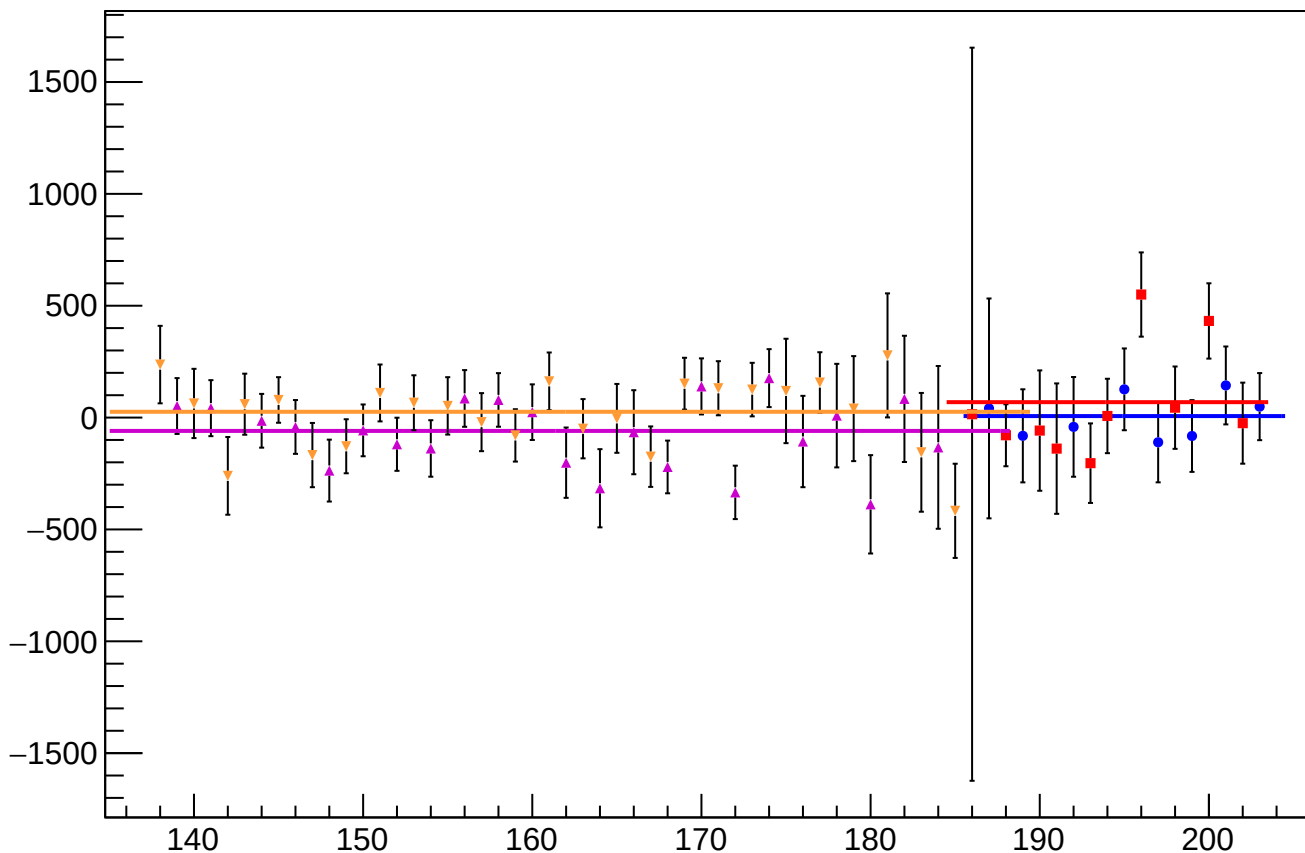
Left In: 498.835+/-0.085 χ^2/NDF : 572334.3/22

+ sign 515.639+/-0.076 χ^2/NDF : 1118562.0/32

All: 516.659+/-0.054 χ^2/NDF : 2671998.1/65

- sign 517.662+/-0.076 χ^2/NDF : 1553083.1/32

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: 68.940 ± 60.930 χ^2/NDF : 15.8/9

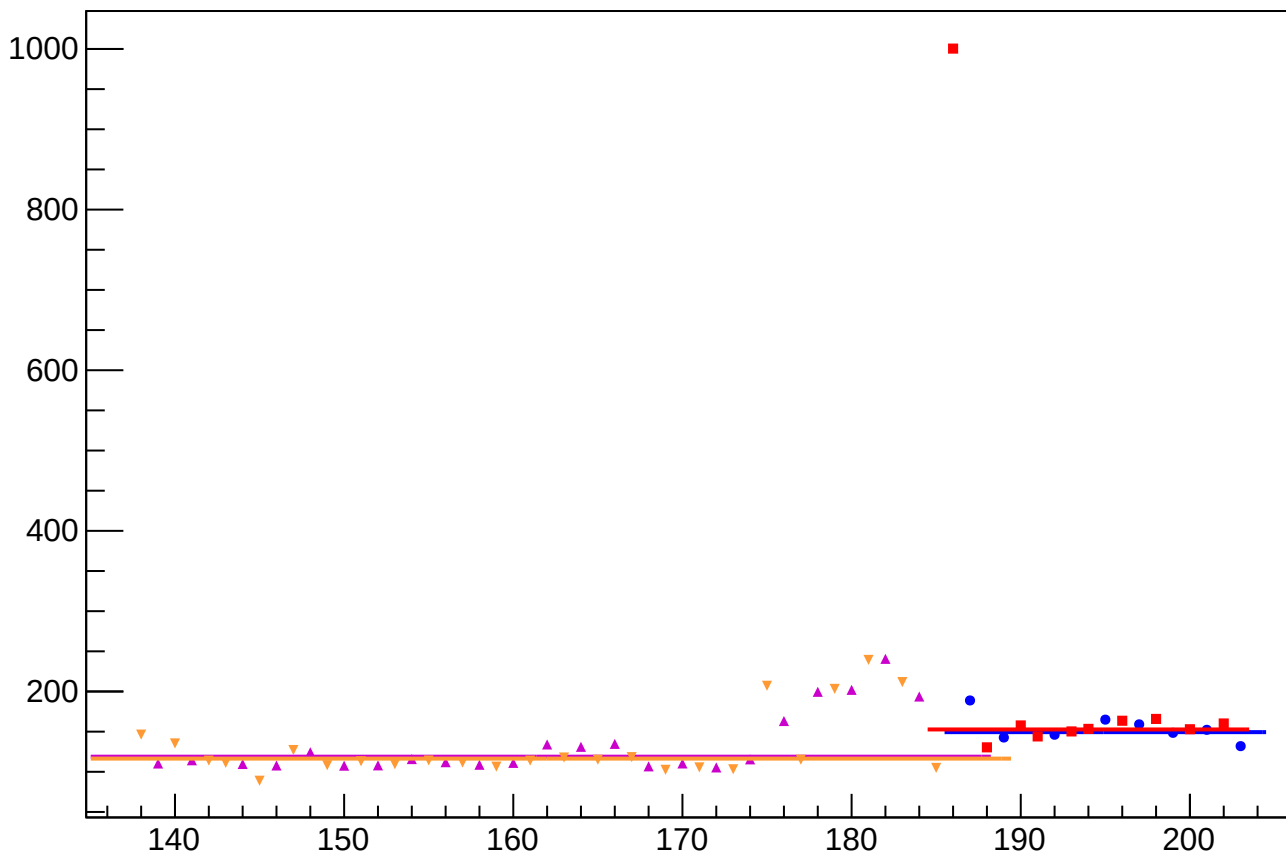
Left In: -59.603 ± 29.184 χ^2/NDF : 25.6/22

+ sign 23.036 ± 25.912 χ^2/NDF : 24.8/32

All: -5.832 ± 18.465 χ^2/NDF : 72.5/65

- sign -35.617 ± 26.320 χ^2/NDF : 45.1/32

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: 152.726 $\pm$ 0.043 χ^2 /NDF: 610108.7/9

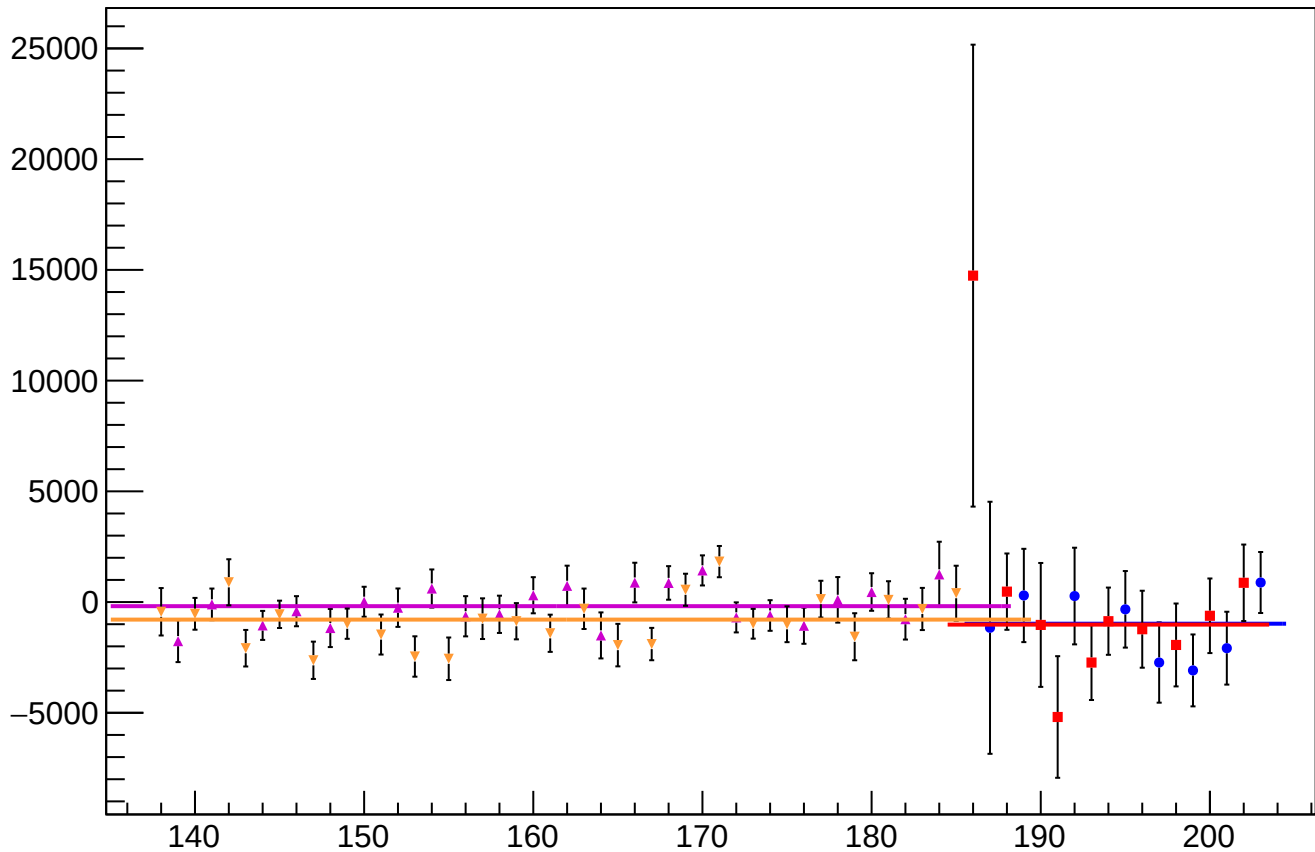
Left In: 118.822 $\pm$ 0.021 χ^2 /NDF:1289178.7/22

+ sign 121.400 $\pm$ 0.018 χ^2 /NDF: 2067458.1/32

All: 123.245 $\pm$ 0.013 χ^2 /NDF: 4491053.9/65

- sign 125.149 $\pm$ 0.019 χ^2 /NDF: 2402995.0/32

asym_sam_1548_avg_correction_mean vs Slug



Right In: -977.244 ± 648.114 $\chi^2/\text{NDF}: 5.7/7$

Left Out: -791.963 ± 165.971 $\chi^2/\text{NDF}: 43.6/24$

Right Out: -1017.440 ± 609.220 $\chi^2/\text{NDF}: 7.9/9$

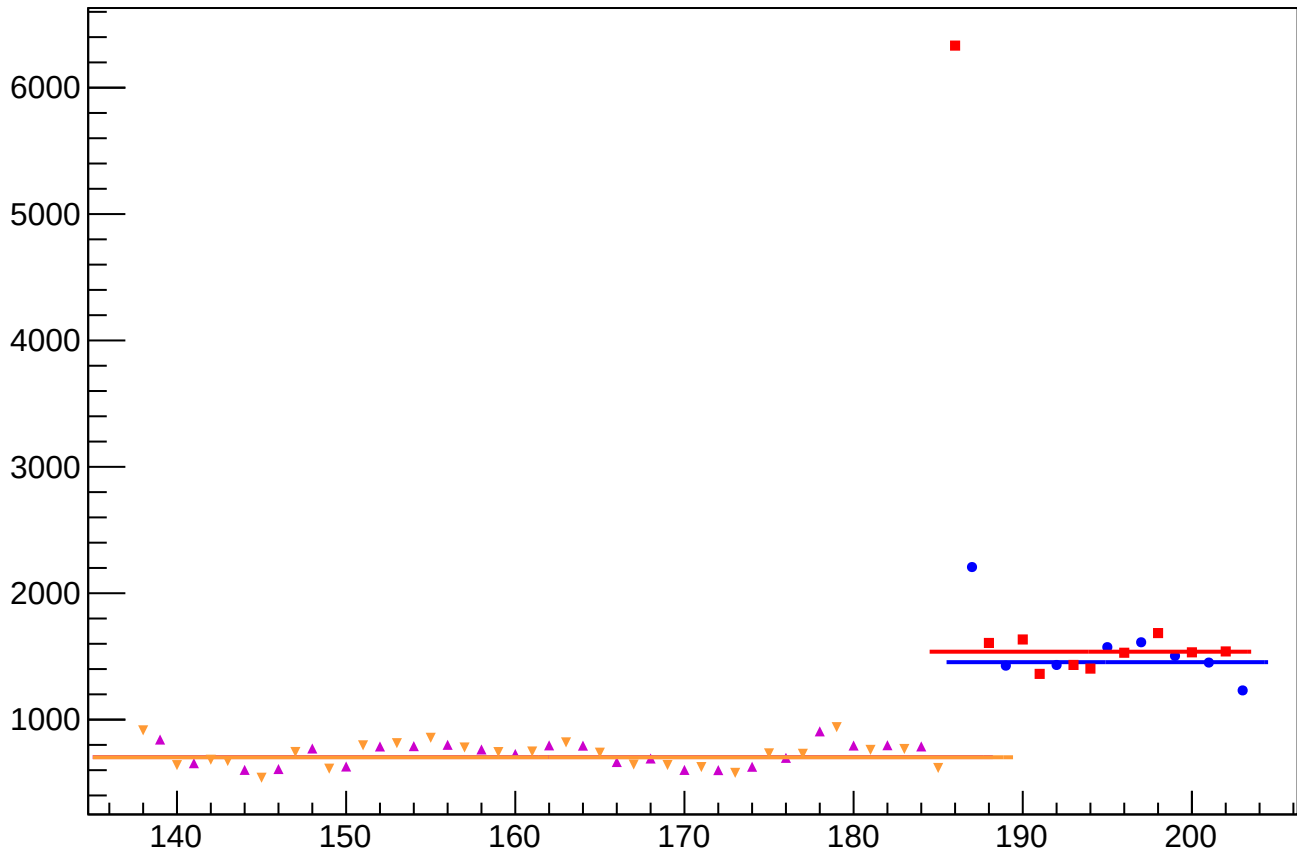
Left In: -185.191 ± 169.174 $\chi^2/\text{NDF}: 23.4/22$

+ sign -803.365 ± 160.783 $\chi^2/\text{NDF}: 49.4/32$

All: -527.905 ± 114.468 $\chi^2/\text{NDF}: 88.4/65$

- sign -244.772 ± 163.006 $\chi^2/\text{NDF}: 33.1/32$

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1454.601 $\pm$ 0.458 χ^2 /NDF: 114588.4/7

Left Out: 702.152 $\pm$ 0.117 χ^2 /NDF: 691552.2/24

Right Out: 1537.438 $\pm$ 0.431 χ^2 /NDF: 472274.5/9

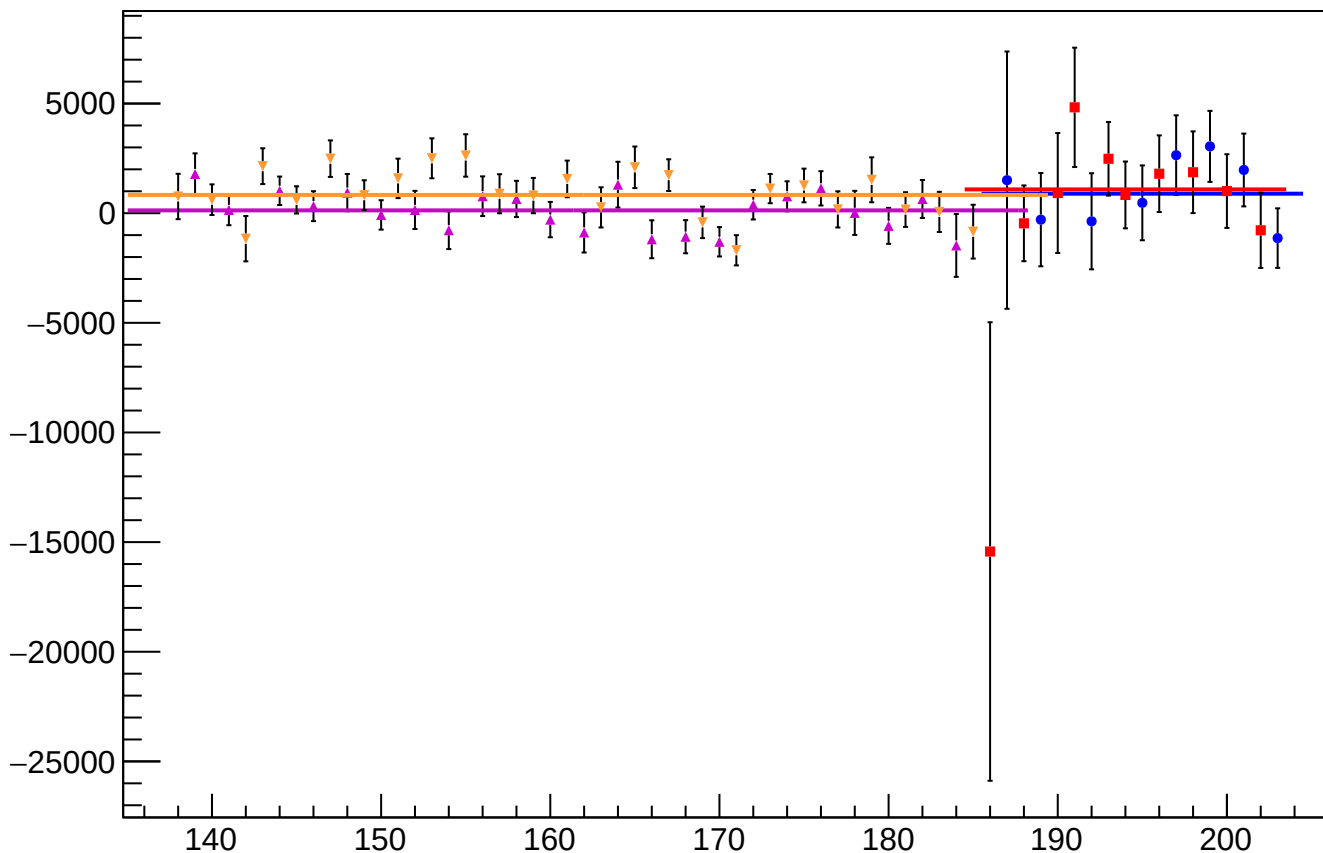
Left In: 703.710 $\pm$ 0.120 χ^2 /NDF: 533573.3/22

+ sign 748.459 $\pm$ 0.114 χ^2 /NDF: 3335995.9/32

All: 755.826 $\pm$ 0.081 χ^2 /NDF: 7827876.6/65

- sign 763.397 $\pm$ 0.115 χ^2 /NDF: 4483367.6/32

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: 1084.835 ± 607.746 χ^2/NDF : 7.4/9

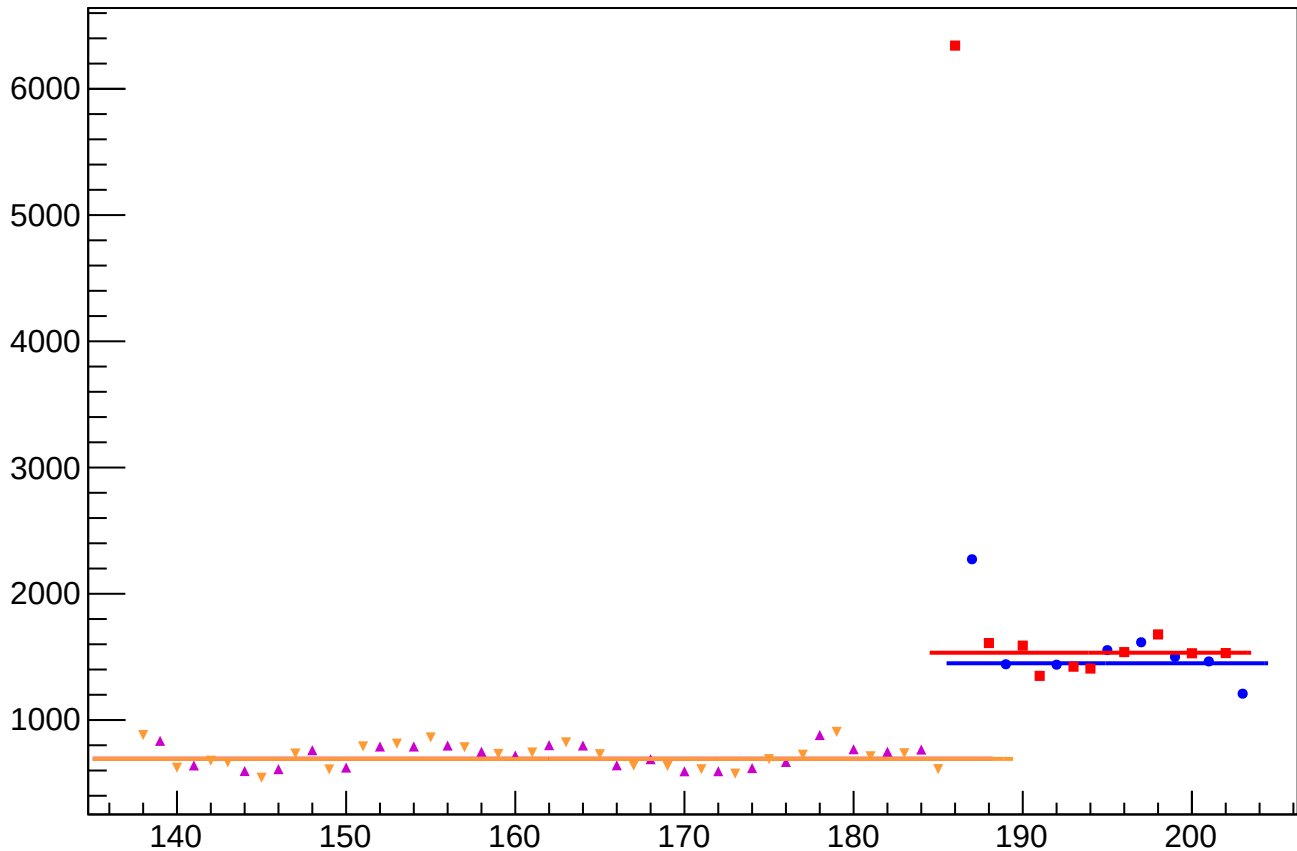
Left In: 128.120 ± 166.866 χ^2/NDF : 25.3/22

+ sign 835.951 ± 158.448 χ^2/NDF : 49.9/32

All: 520.511 ± 112.900 χ^2/NDF : 93.0/65

- sign 195.187 ± 160.911 χ^2/NDF : 35.0/32

asym_sam_1548_avg_rms vs Slug



Right In: 1449.512+/-0.457 χ^2/NDF : 128738.9/7

Left Out: 692.071+/-0.116 χ^2/NDF : 657636.6/24

Right Out: 1533.096+/-0.430 χ^2/NDF : 471405.2/9

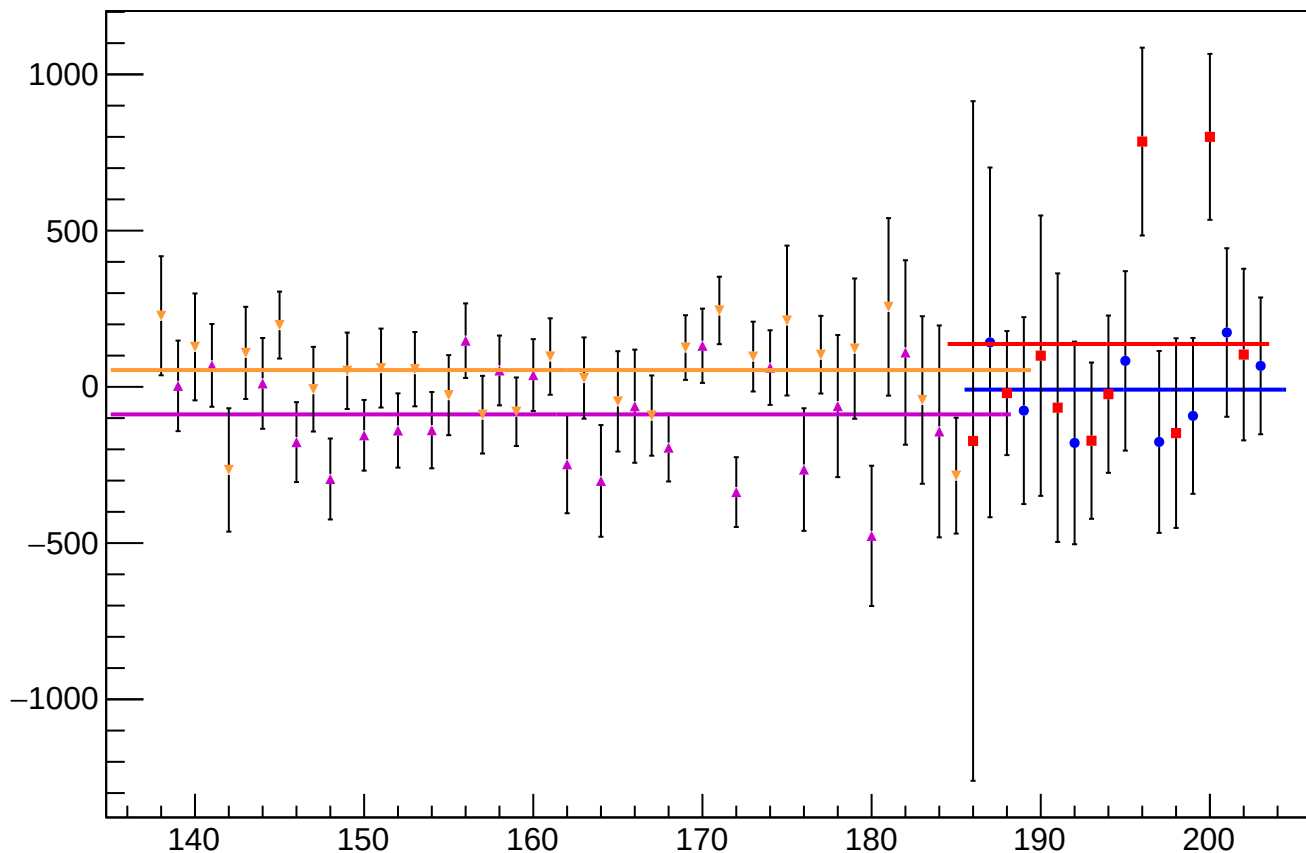
Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

+ sign 737.534+/-0.112 χ^2/NDF : 3364980.5/32

All: 744.884+/-0.080 χ^2/NDF : 7914305.6/65

- sign 752.464+/-0.114 χ^2/NDF : 4540583.1/32

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: 137.235 $\pm$ 92.150 χ^2/NDF : 14.7/9

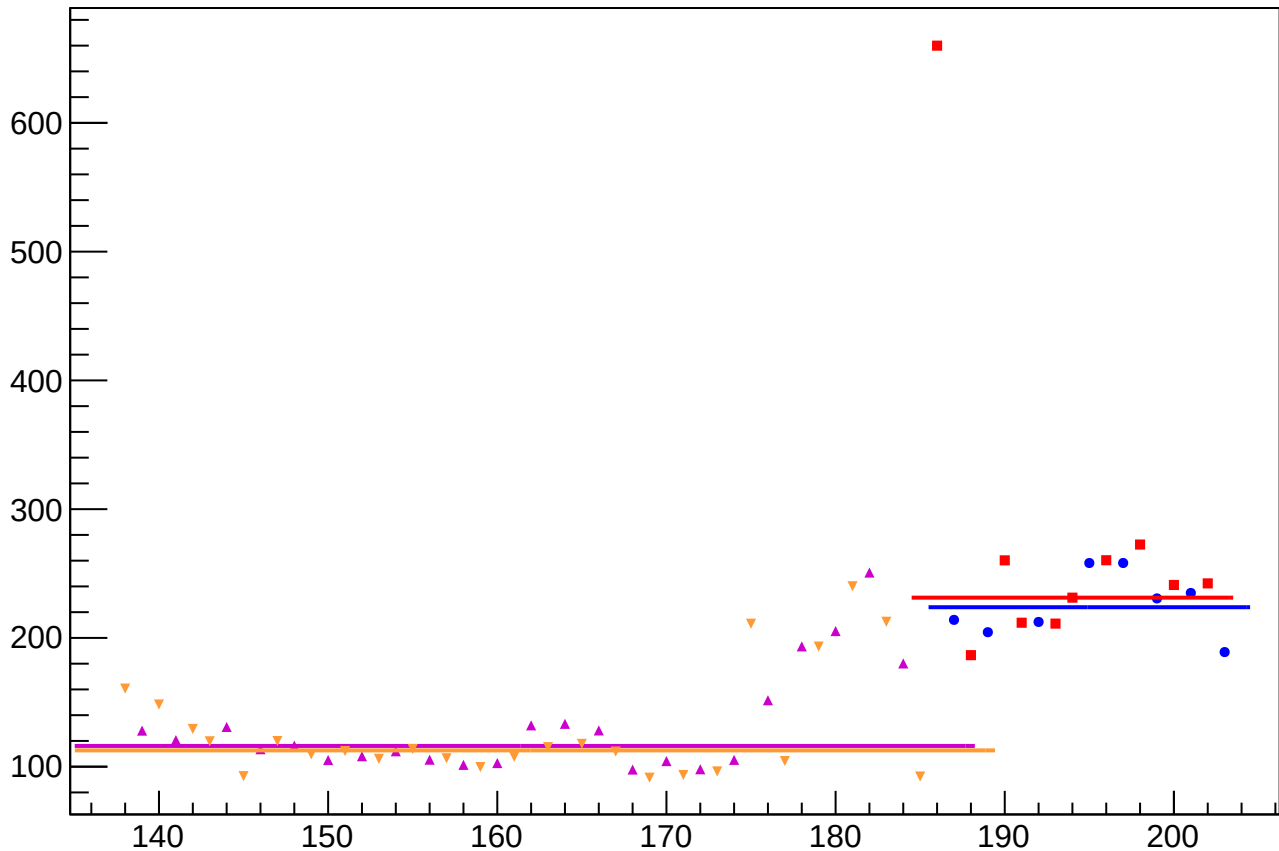
Left In: -88.085 $\pm$ 28.764 χ^2/NDF : 30.4/22

+ sign 49.374 $\pm$ 26.495 χ^2/NDF : 21.1/32

All: -7.260 $\pm$ 19.066 χ^2/NDF : 81.1/65

- sign -68.081 $\pm$ 27.457 χ^2/NDF : 50.5/32

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: 231.281 $\pm$ 0.065 χ^2 /NDF: 499152.8/9

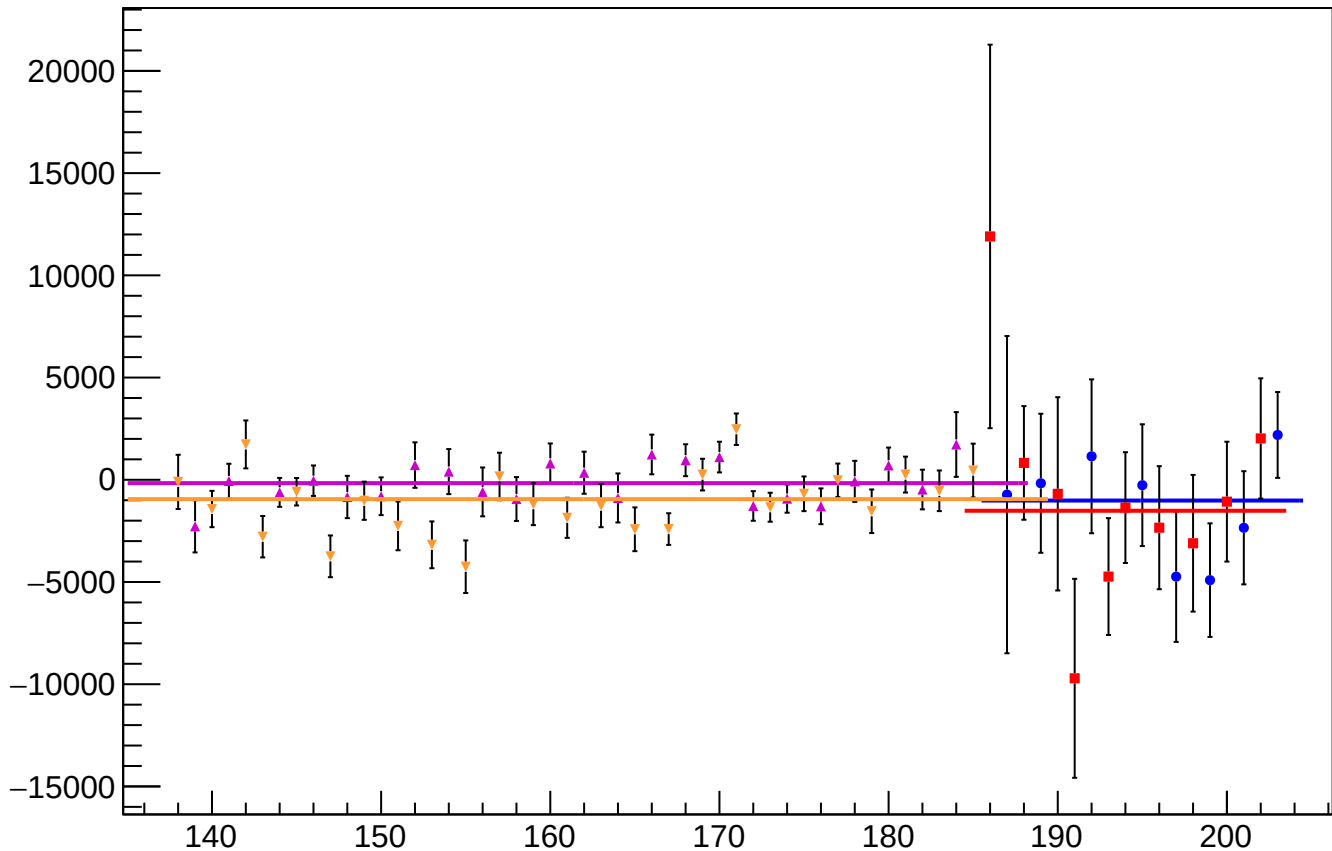
Left In: 116.108 $\pm$ 0.020 χ^2 /NDF: 1438879.3/22

+ sign 120.356 $\pm$ 0.019 χ^2 /NDF: 4241664.6/32

All: 123.238 $\pm$ 0.013 χ^2 /NDF: 9075585.4/65

- sign 126.333 $\pm$ 0.019 χ^2 /NDF: 4784852.6/32

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: -1514.961 ± 1043.578 χ^2/NDF : 8.7/9

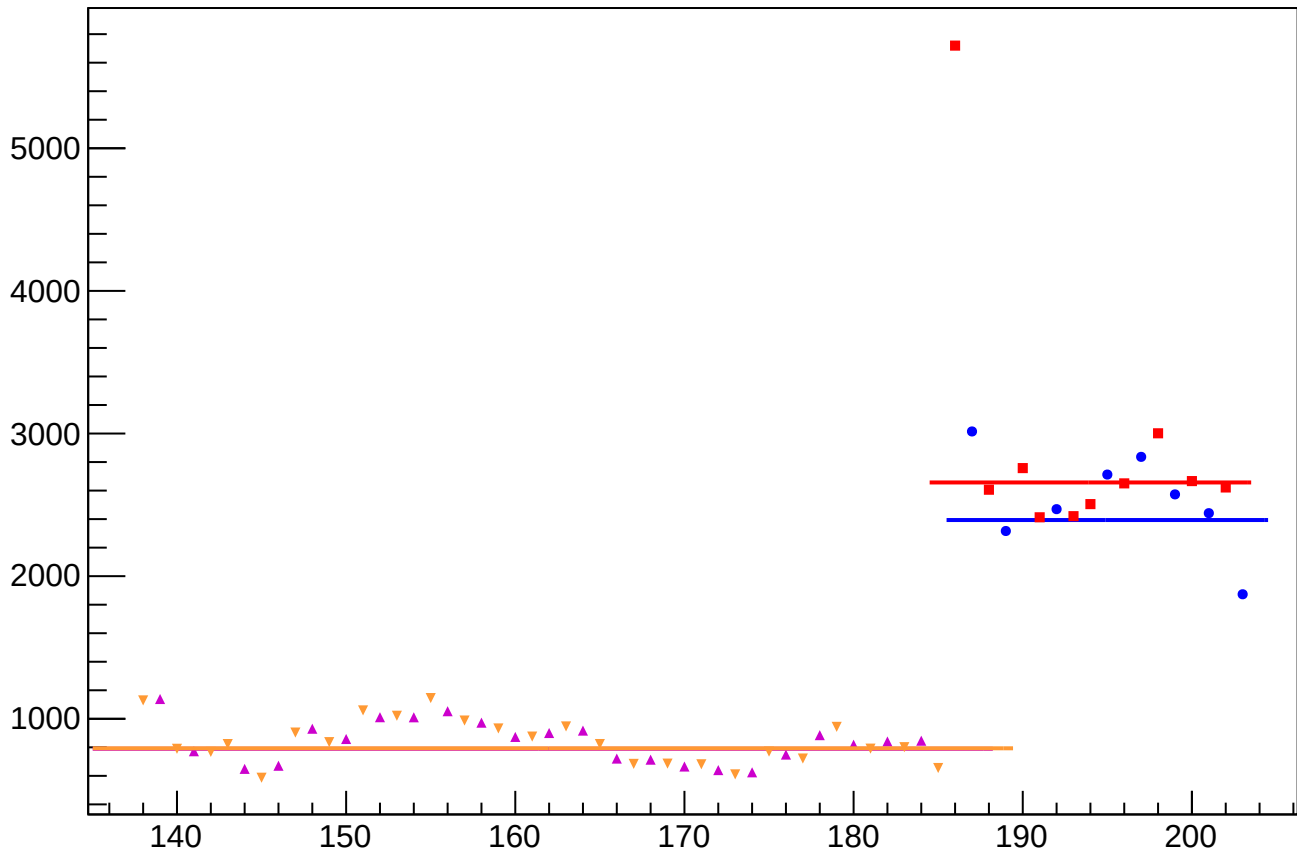
Left In: -164.202 ± 191.131 χ^2/NDF : 22.0/22

+ sign -948.500 ± 185.809 χ^2/NDF : 69.7/32

All: -582.618 ± 132.156 χ^2/NDF : 109.8/65

- sign -208.041 ± 188.004 χ^2/NDF : 32.3/32

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2393.546 ± 0.758 $\chi^2/\text{NDF}: 207888.3/7$

Left Out: 793.154 ± 0.133 $\chi^2/\text{NDF}: 1158856.1/24$

Right Out: 2656.986 ± 0.738 $\chi^2/\text{NDF}: 261353.0/9$

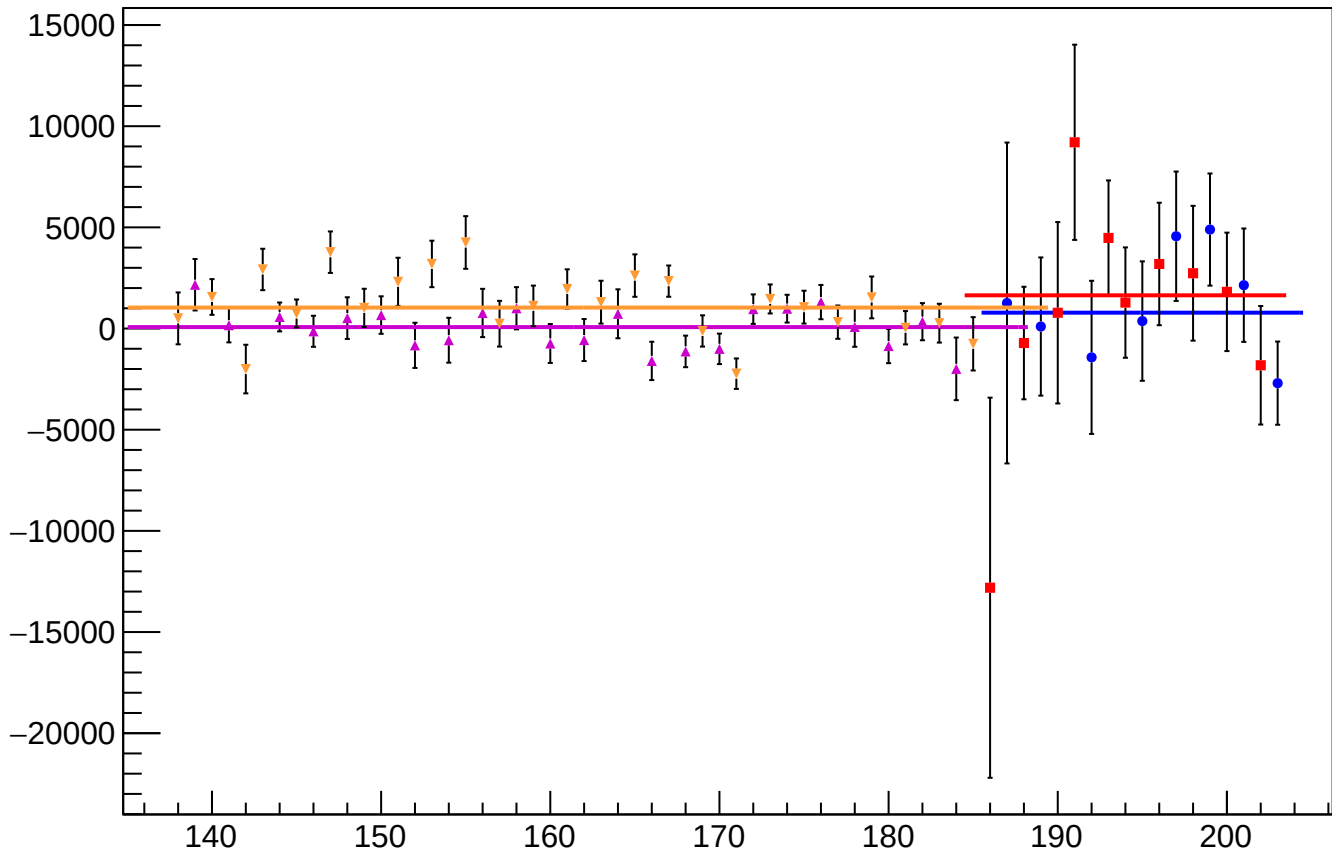
Left In: 789.699 ± 0.135 $\chi^2/\text{NDF}: 1019959.0/22$

+ sign 841.300 ± 0.131 $\chi^2/\text{NDF}: 5696006.4/32$

All: 845.748 ± 0.093 $\chi^2/\text{NDF}: 13175097.1/65$

- sign 850.302 ± 0.133 $\chi^2/\text{NDF}: 7476771.0/32$

asym_sam_3748_avg_mean vs Slug



Right In: 783.916 ± 1067.085 χ^2/NDF : 7.1/7

Left Out: 1035.605 ± 187.244 χ^2/NDF : 61.4/24

Right Out: 1641.710 ± 1040.162 χ^2/NDF : 8.4/9

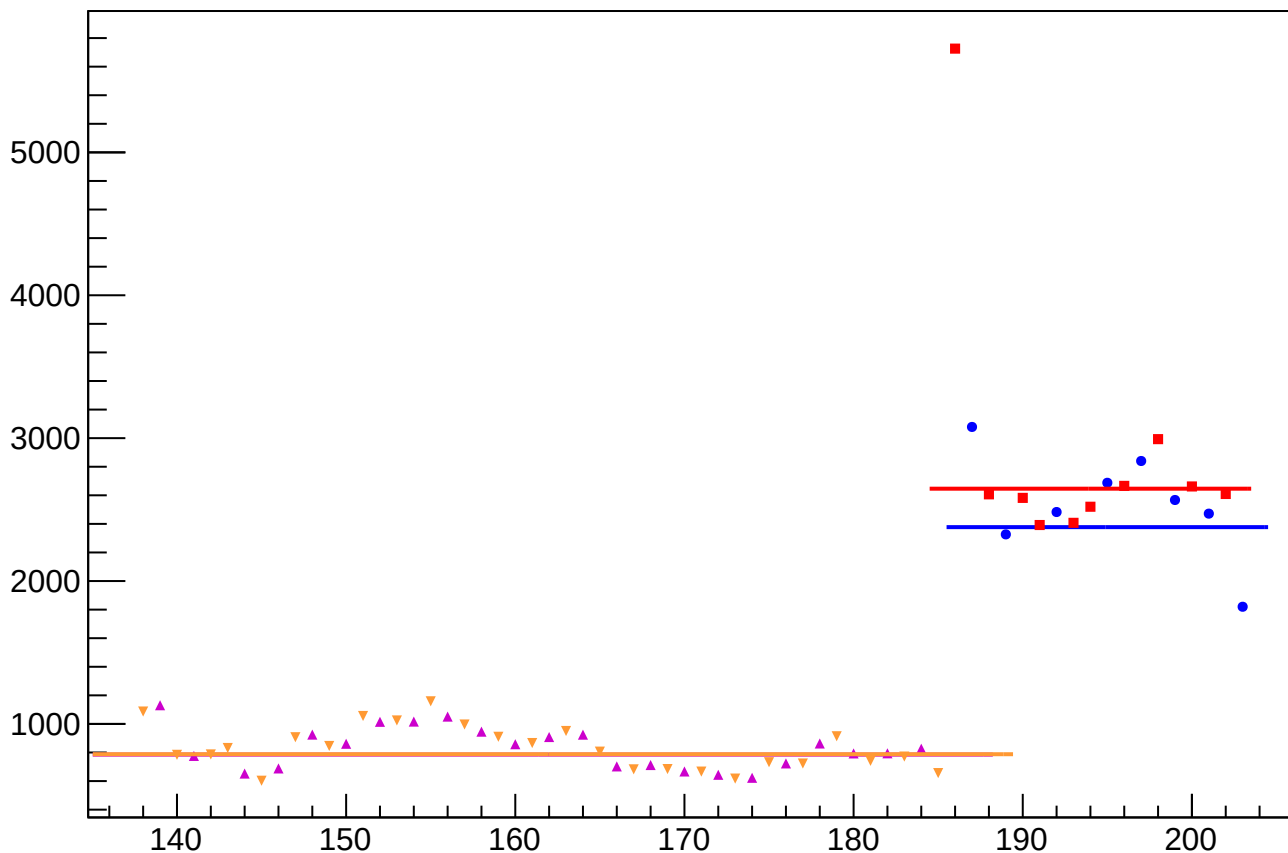
Left In: 70.852 ± 190.155 χ^2/NDF : 23.4/22

+ sign 1028.087 ± 184.426 χ^2/NDF : 68.5/32

All: 581.286 ± 131.329 χ^2/NDF : 114.4/65

- sign 121.653 ± 187.055 χ^2/NDF : 34.0/32

asym_sam_3748_avg_rms vs Slug



Right In: 2377.281 ± 0.755 $\chi^2/\text{NDF}: 240267.4/7$

Left Out: 787.981 ± 0.132 $\chi^2/\text{NDF}: 1113986.0/24$

Right Out: 2646.332 ± 0.736 $\chi^2/\text{NDF}: 261919.5/9$

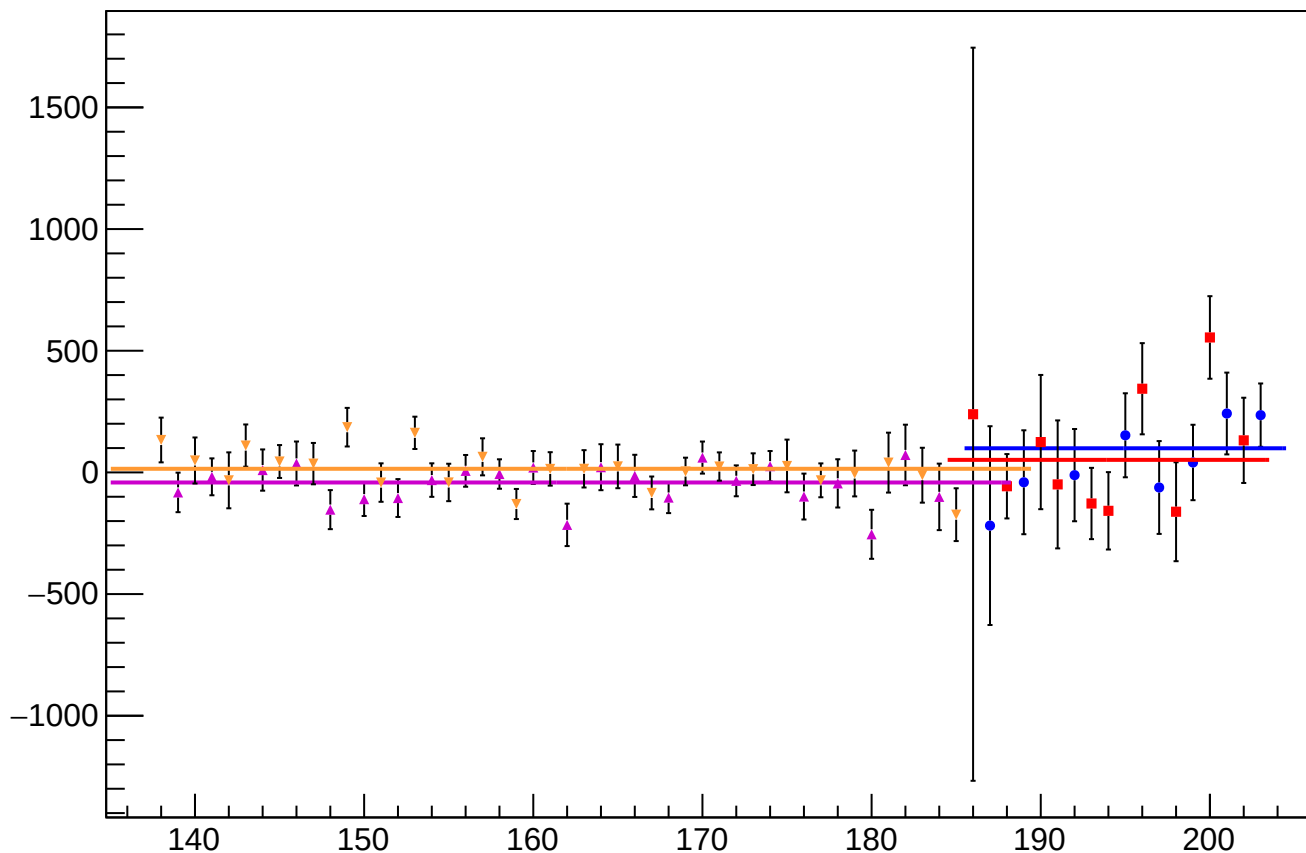
Left In: 785.179 ± 0.134 $\chi^2/\text{NDF}: 976942.0/22$

+ sign 835.455 ± 0.130 $\chi^2/\text{NDF}: 5658262.8/32$

All: 840.341 ± 0.093 $\chi^2/\text{NDF}: 13096031.2/65$

- sign 845.368 ± 0.132 $\chi^2/\text{NDF}: 7434919.7/32$

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: 51.564 $\pm$ 58.579 χ^2 /NDF: 16.7/9

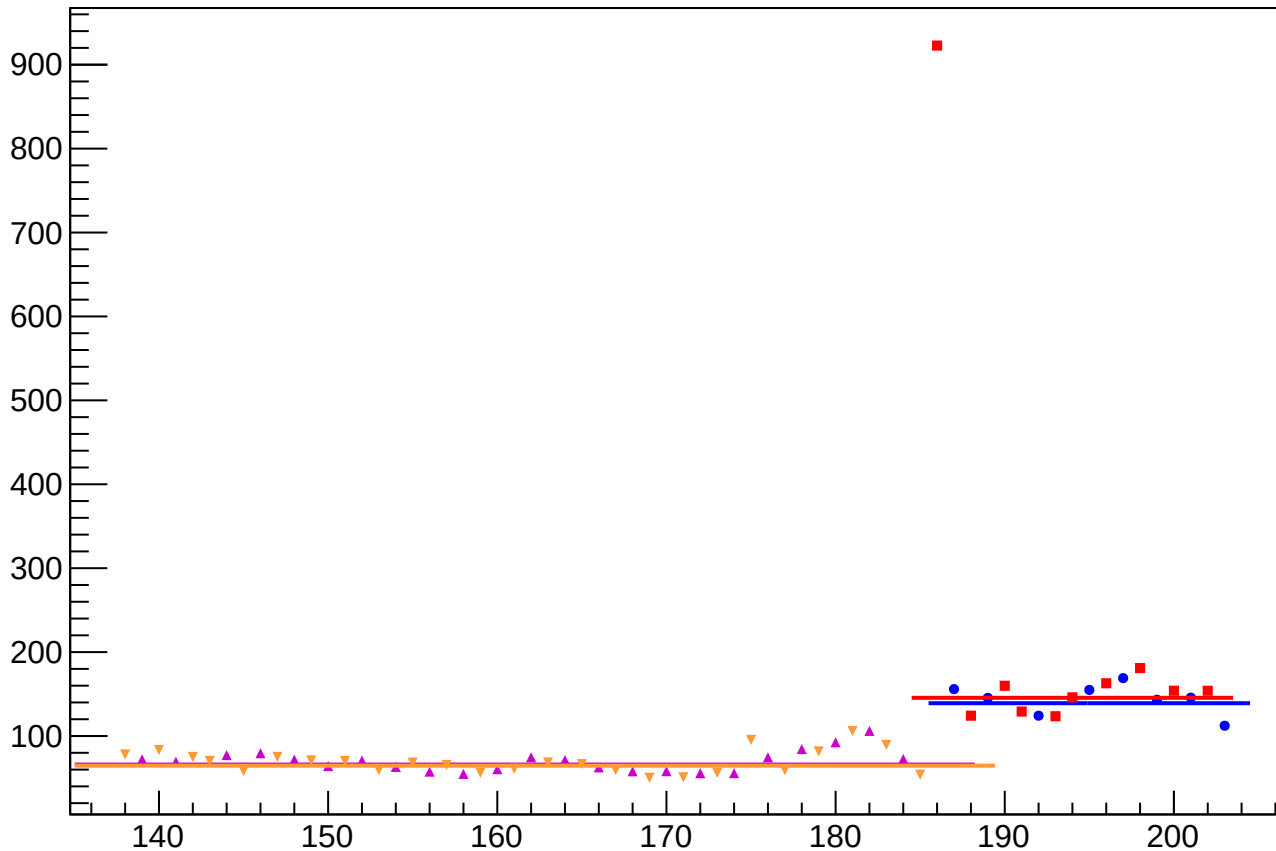
Left In: -41.428 $\pm$ 16.130 χ^2 /NDF: 21.7/22

+ sign 19.724 $\pm$ 15.076 χ^2 /NDF: 31.7/32

All: -6.728 $\pm$ 10.825 χ^2 /NDF: 78.7/65

- sign -34.874 $\pm$ 15.552 χ^2 /NDF: 40.7/32

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: 145.526 $\pm$ 0.041 χ^2 /NDF: 730057.5/9

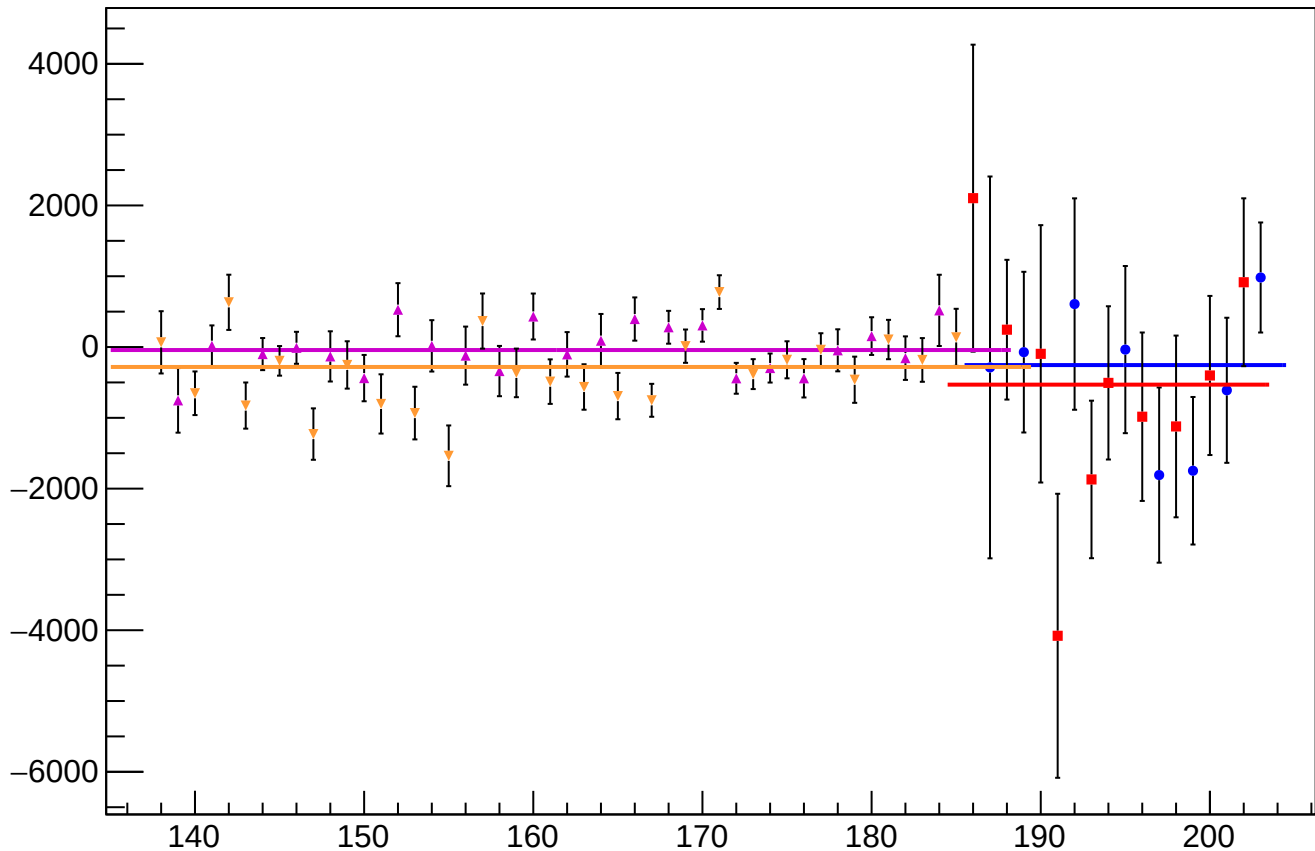
Left In: 66.016 $\pm$ 0.011 χ^2 /NDF: 868433.2/22

+ sign 68.959 $\pm$ 0.011 χ^2 /NDF: 3964497.6/32

All: 70.248 $\pm$ 0.008 χ^2 /NDF: 9018008.0/65

- sign 71.620 $\pm$ 0.011 χ^2 /NDF: 5023322.0/32

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: -531.175+/-399.383 χ^2/NDF : 8.6/9

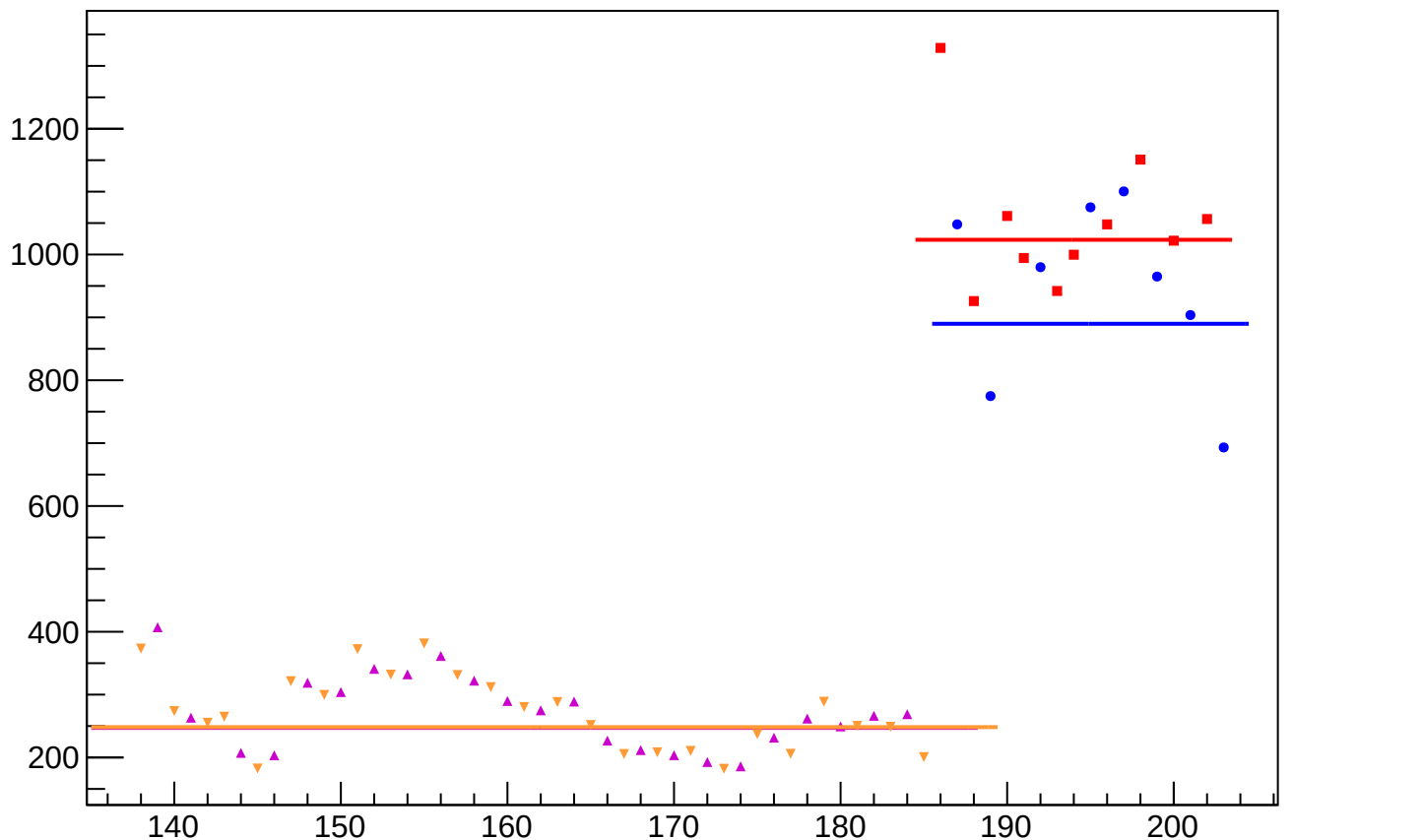
Left In: -42.368+/-60.284 χ^2/NDF : 24.7/22

+ sign -280.828+/-58.884 χ^2/NDF : 73.1/32

All: -168.434+/-41.891 χ^2/NDF : 115.3/65

- sign -53.257+/-59.609 χ^2/NDF : 34.8/32

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: 1023.434 $\pm$ 0.282 χ^2 /NDF: 94265.4/9

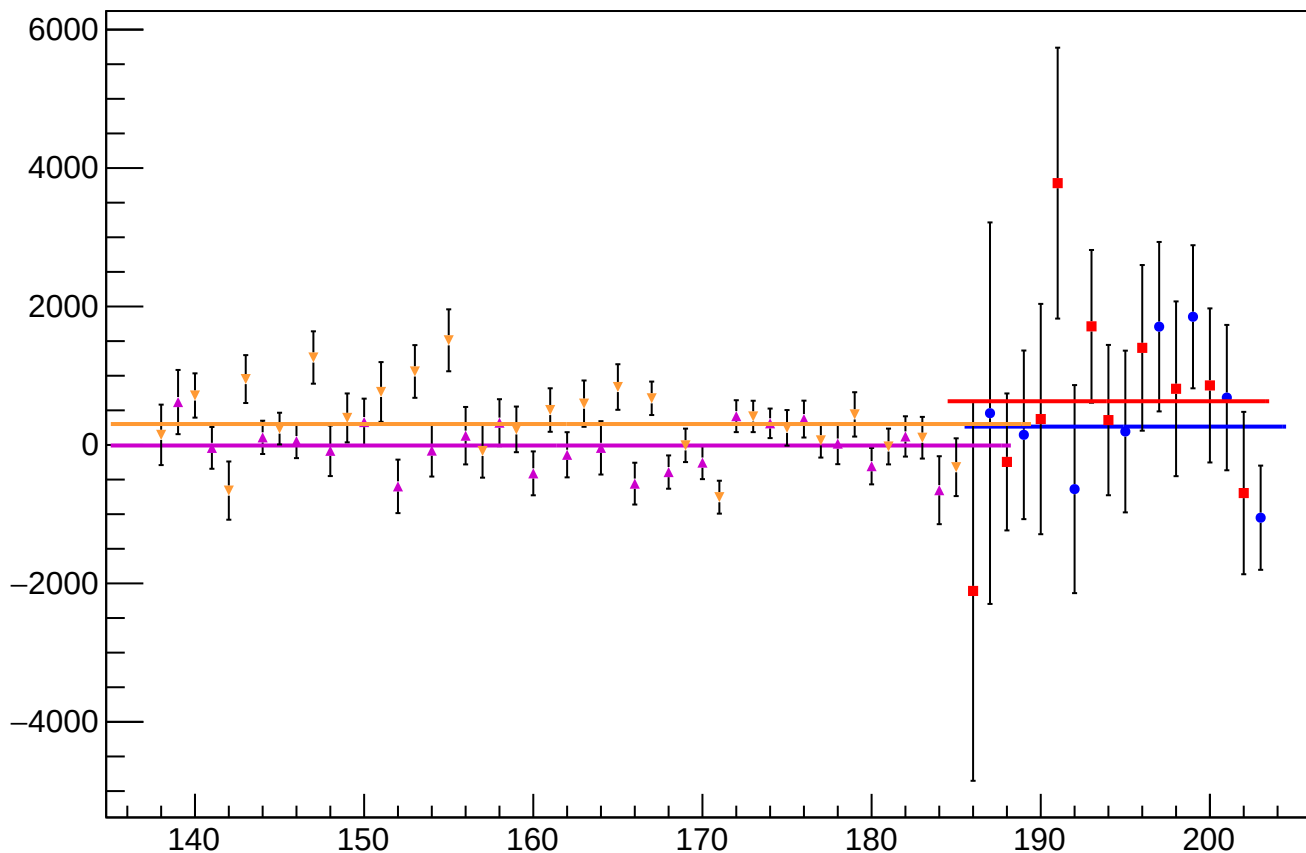
Left In: 247.105 $\pm$ 0.043 χ^2 /NDF: 1539330.1/22

+ sign 262.225 $\pm$ 0.042 χ^2 /NDF: 7010473.3/32

All: 263.299 $\pm$ 0.030 χ^2 /NDF: 16033968.9/65

- sign 264.399 $\pm$ 0.042 χ^2 /NDF: 9022149.2/32

asym_sam_1526_avg_mean vs Slug



Right In: 265.047 ± 399.769 $\chi^2/\text{NDF}: 7.3/7$

Left Out: 302.420 ± 60.991 $\chi^2/\text{NDF}: 63.8/24$

Right Out: 631.416 ± 398.159 $\chi^2/\text{NDF}: 7.2/9$

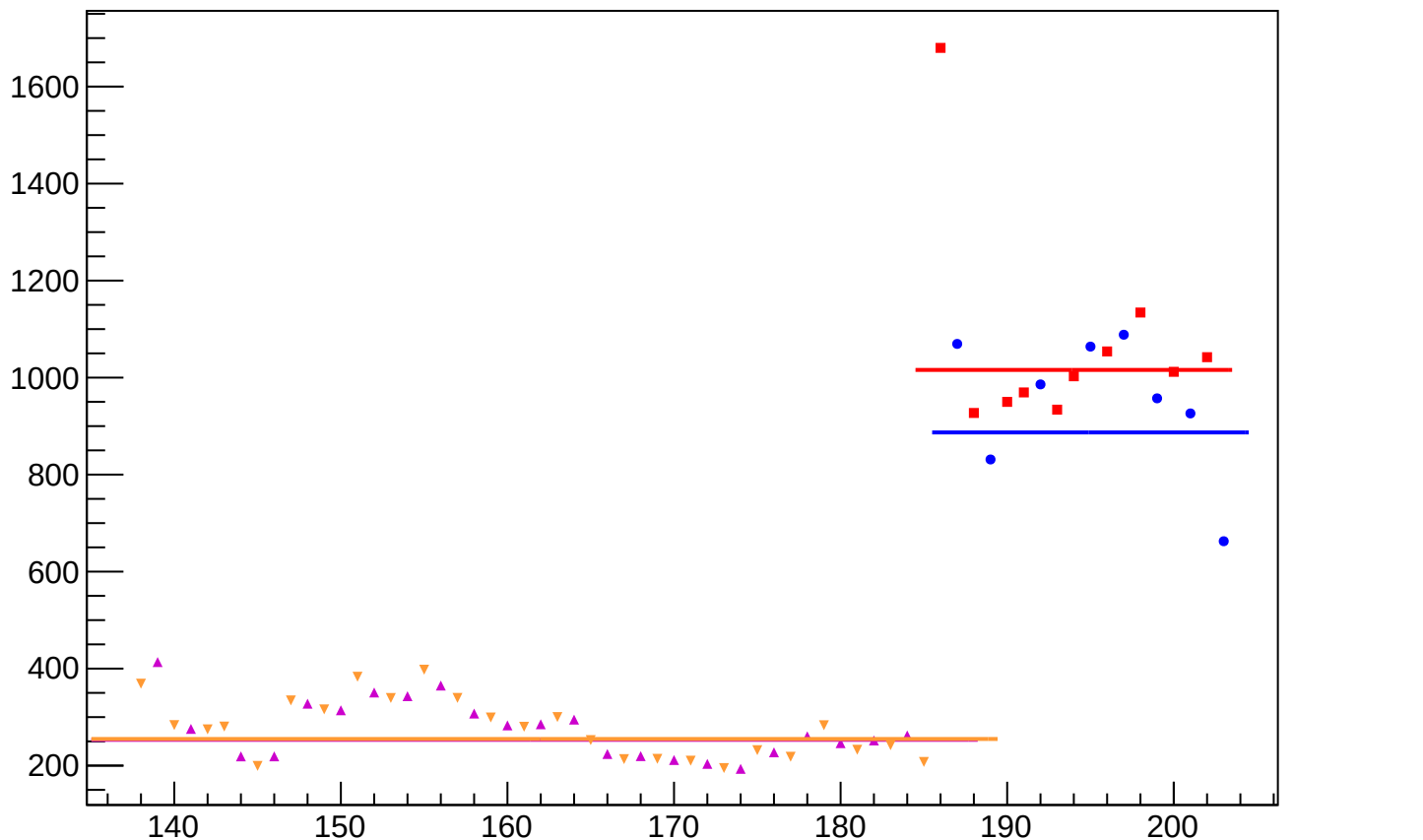
Left In: -7.915 ± 61.726 $\chi^2/\text{NDF}: 26.3/22$

+ sign 301.570 ± 60.293 $\chi^2/\text{NDF}: 71.2/32$

All: 156.039 ± 42.880 $\chi^2/\text{NDF}: 119.0/65$

- sign 7.090 ± 60.997 $\chi^2/\text{NDF}: 36.0/32$

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: 1015.871+/-0.282 χ^2/NDF : 169565.3/9

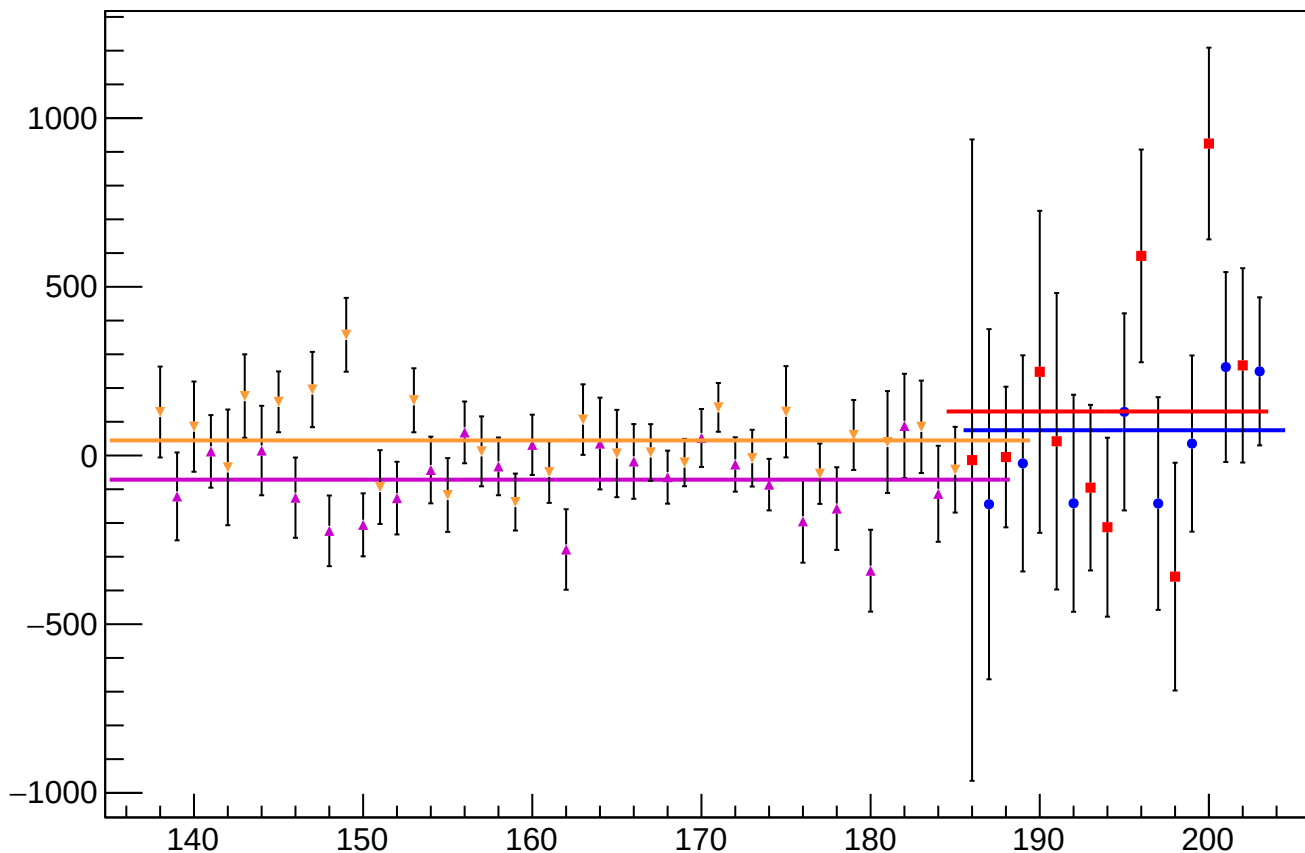
Left In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

+ sign 269.314+/-0.043 χ^2/NDF : 6738356.1/32

All: 270.182+/-0.030 χ^2/NDF : 15441847.1/65

- sign 271.070+/-0.043 χ^2/NDF : 8702652.1/32

dit_asym_sam_3726_avg_mean vs Slug



Right In: 74.887 $\pm$ 103.713 χ^2 /NDF: 2.3/7

Left Out: 44.746 $\pm$ 20.460 χ^2 /NDF:30.5/24

Right Out: 130.487 $\pm$ 96.312 χ^2 /NDF: 15.3/9

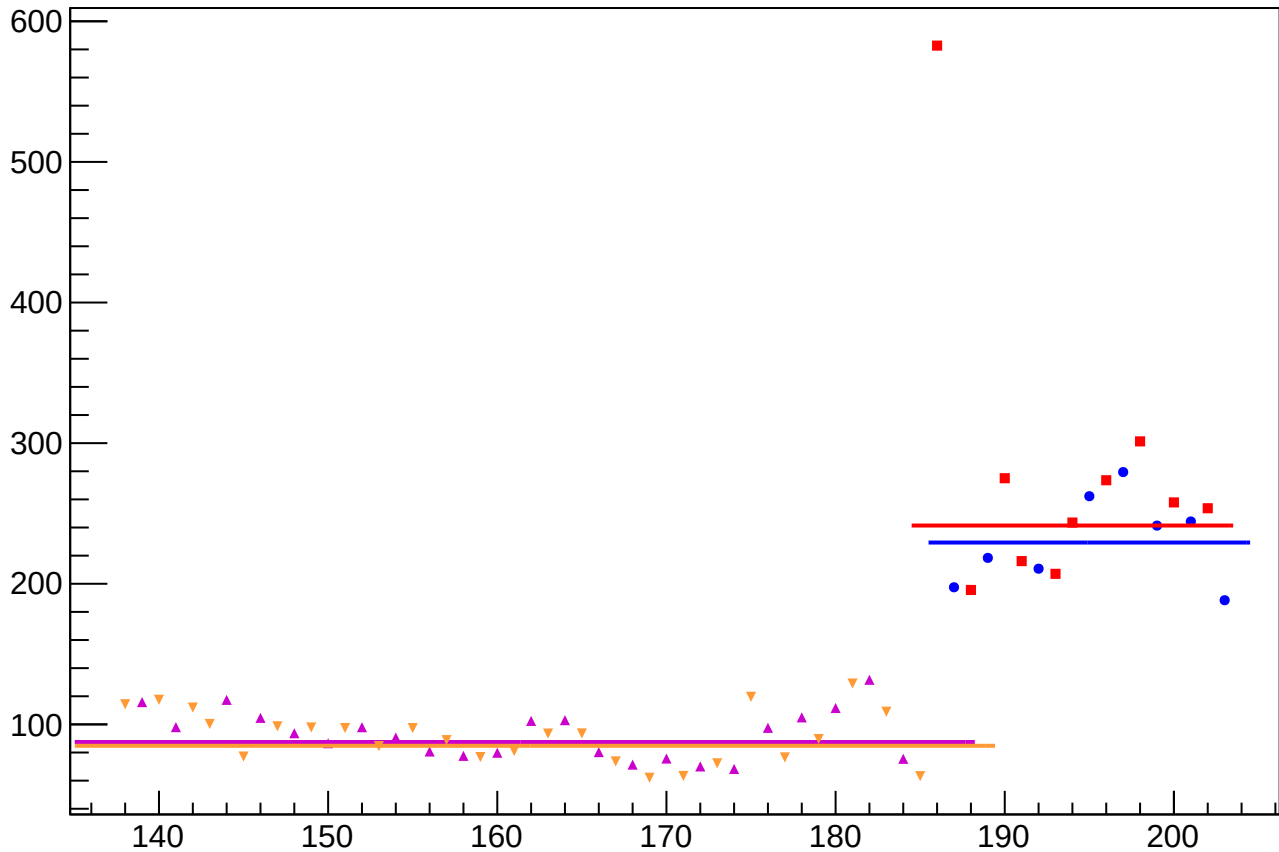
Left In: -71.620 $\pm$ 21.469 χ^2 /NDF:23.7/22

+ sign 45.875 $\pm$ 20.073 χ^2 /NDF: 33.0/32

All: -5.771 $\pm$ 14.495 χ^2 /NDF: 90.0/65

- sign -62.053 $\pm$ 20.954 χ^2 /NDF: 43.2/32

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: 241.424 $\pm$ 0.068 χ^2 /NDF: 504483.5/9

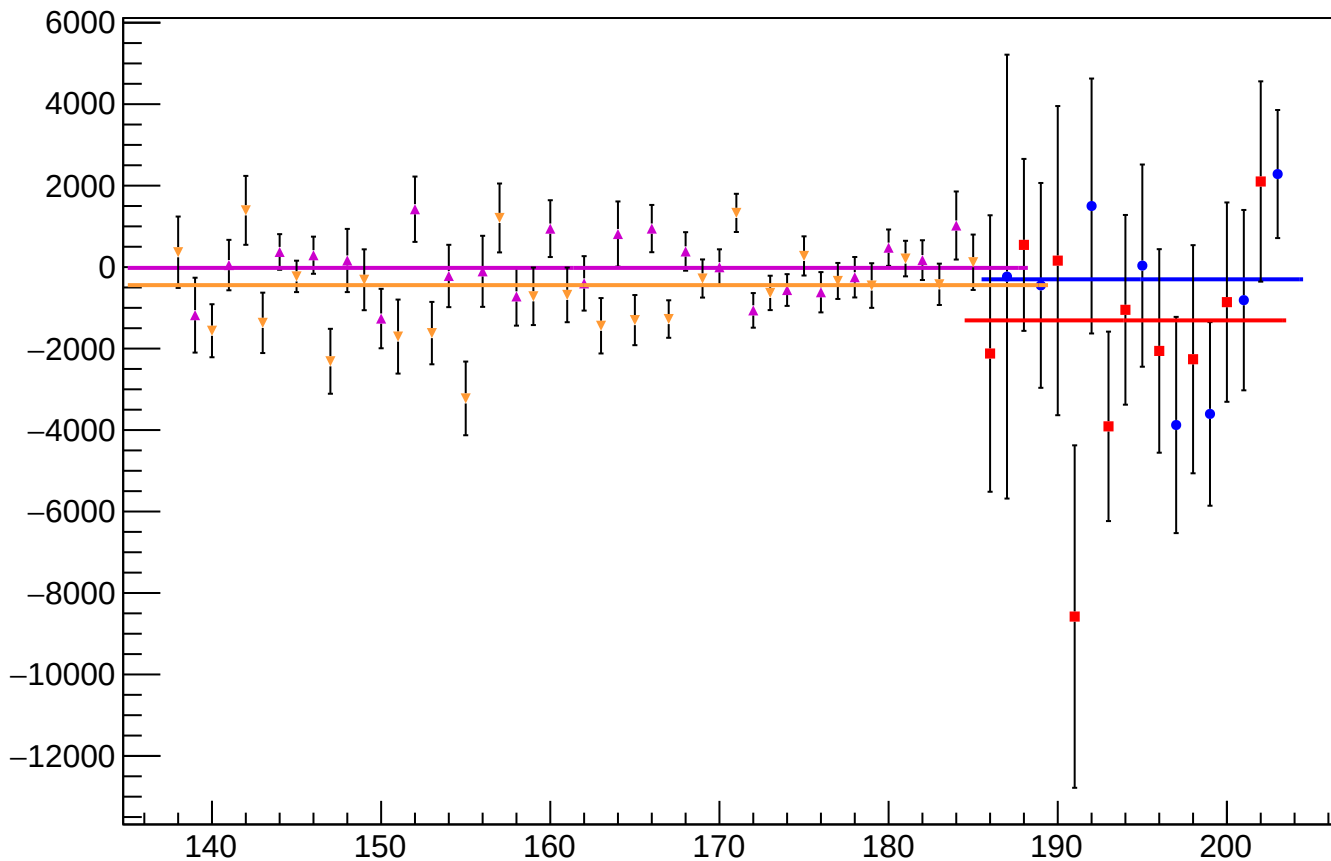
Left In: 87.477 $\pm$ 0.015 χ^2 /NDF:1056450.2/22

+ sign 90.207 $\pm$ 0.014 χ^2 /NDF: 5293758.0/32

All: 92.388 $\pm$ 0.010 χ^2 /NDF: 11772020.1/65

- sign 94.764 $\pm$ 0.015 χ^2 /NDF: 6428917.3/32

asym_sam_3726_avg_correction_mean vs Slug



Right In: -299.552+/-844.007 χ^2/NDF : 7.1/7

Left Out: -442.284+/-115.425 χ^2/NDF : 60.9/24

Right Out: -1307.919+/-837.153 χ^2/NDF : 7.4/9

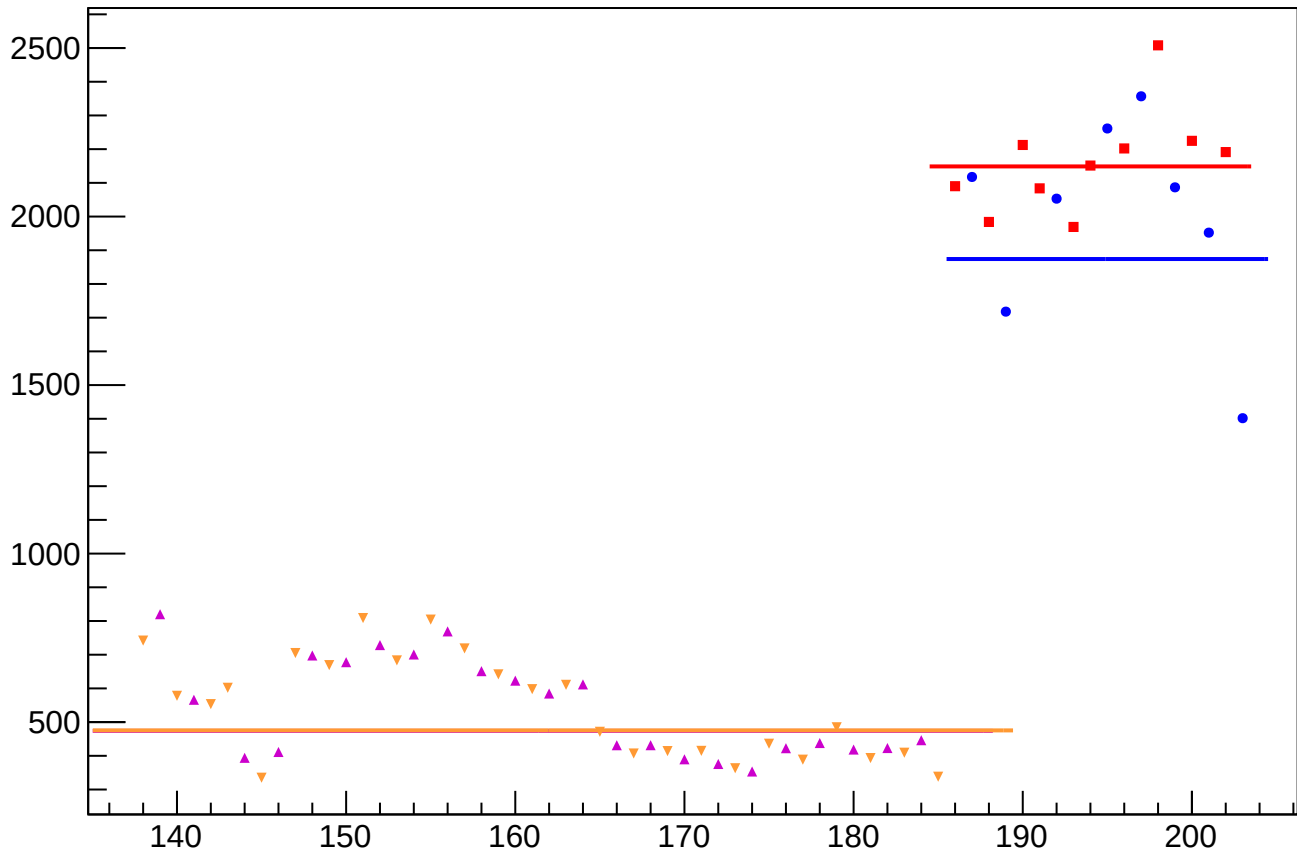
Left In: -19.322+/-116.820 χ^2/NDF : 29.5/22

+ sign -439.664+/-114.360 χ^2/NDF : 68.0/32

All: -244.103+/-81.334 χ^2/NDF : 113.2/65

- sign -43.935+/-115.699 χ^2/NDF : 39.2/32

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: 2148.759 $\pm$ 0.592 χ^2 /NDF: 62107.9/9

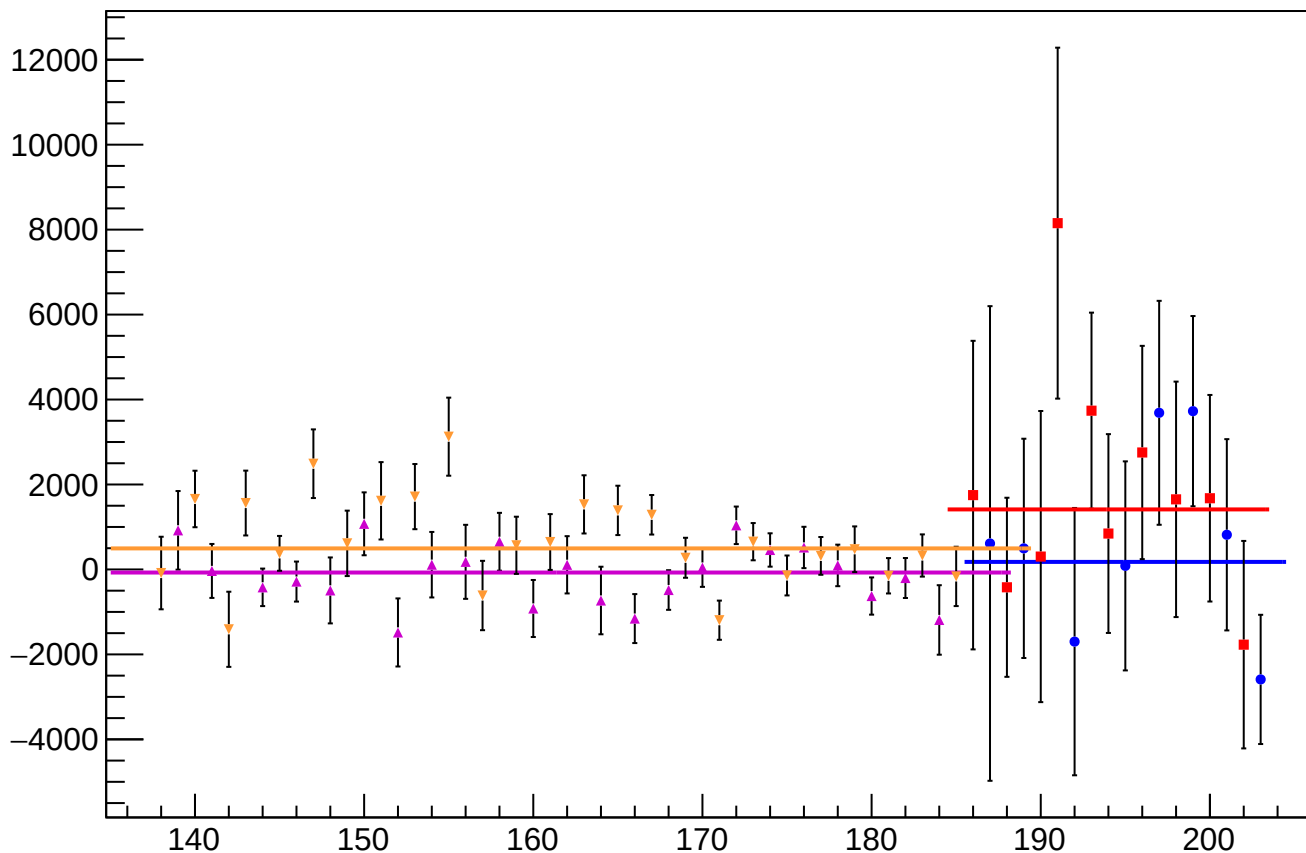
Left In: 473.947 $\pm$ 0.083 χ^2 /NDF:2174476.6/22

+ sign 501.092 $\pm$ 0.081 χ^2 /NDF: 8234614.5/32

All: 503.487 $\pm$ 0.058 χ^2 /NDF: 18324915.7/65

- sign 505.937 $\pm$ 0.082 χ^2 /NDF: 10088527.6/32

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: 1413.133 $\pm$ 833.206 χ^2 /NDF: 6.6/9

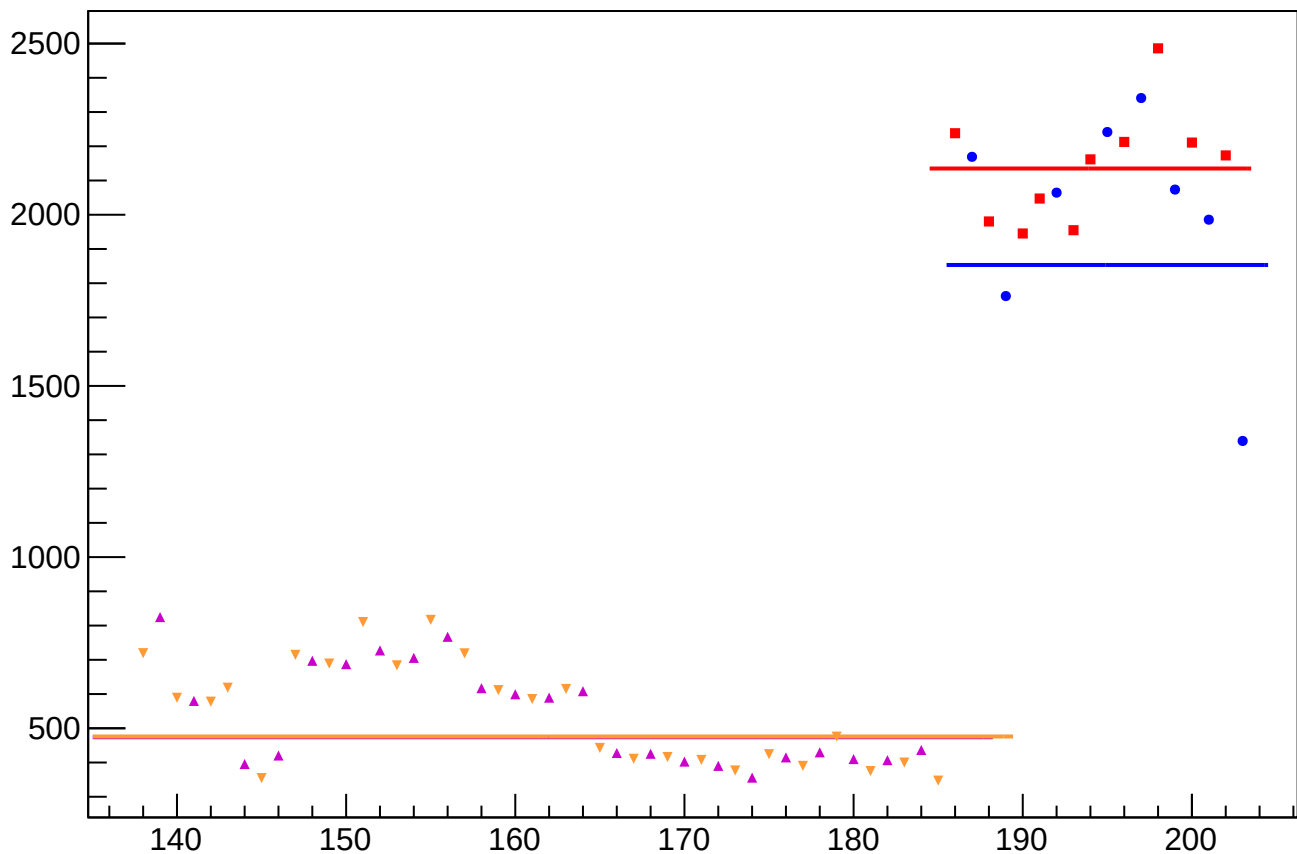
Left In: -72.627 $\pm$ 116.927 χ^2 /NDF: 29.1/22

+ sign 489.347 $\pm$ 114.441 χ^2 /NDF: 65.4/32

All: 225.837 $\pm$ 81.396 χ^2 /NDF: 114.9/65

- sign -43.932 $\pm$ 115.793 χ^2 /NDF: 38.8/32

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: 2135.068 $\pm$ 0.589 χ^2 /NDF: 68277.4/9

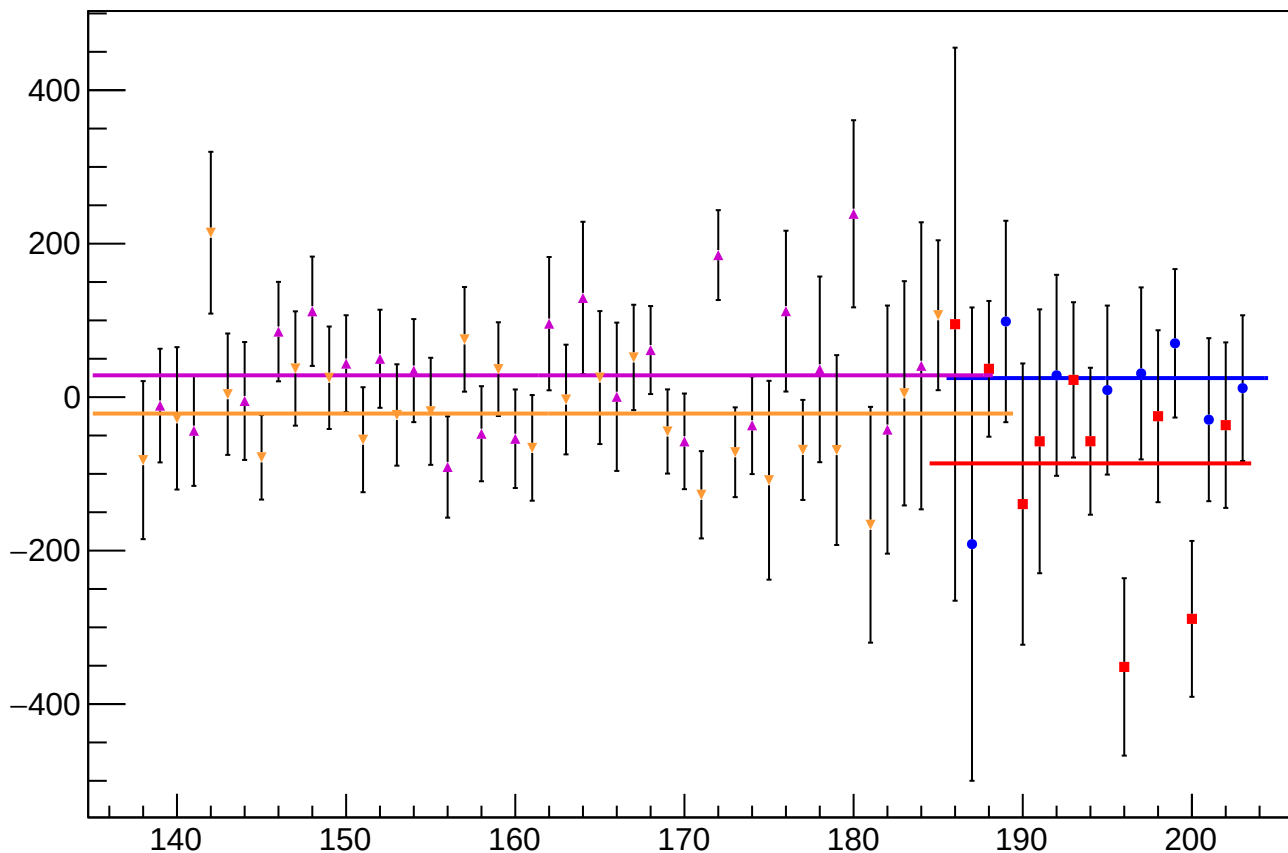
Left In: 473.824 $\pm$ 0.083 χ^2 /NDF:2113753.1/22

+ sign 501.689 $\pm$ 0.081 χ^2 /NDF: 8143233.9/32

All: 503.774 $\pm$ 0.058 χ^2 /NDF: 18123511.9/65

- sign 505.908 $\pm$ 0.082 χ^2 /NDF: 9978935.3/32

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 24.828+/-40.984 χ^2/NDF : 1.3/7

Left Out: -21.397+/-14.800 χ^2/NDF : 20.9/24

Right Out: -86.344+/-36.682 χ^2/NDF : 13.3/9

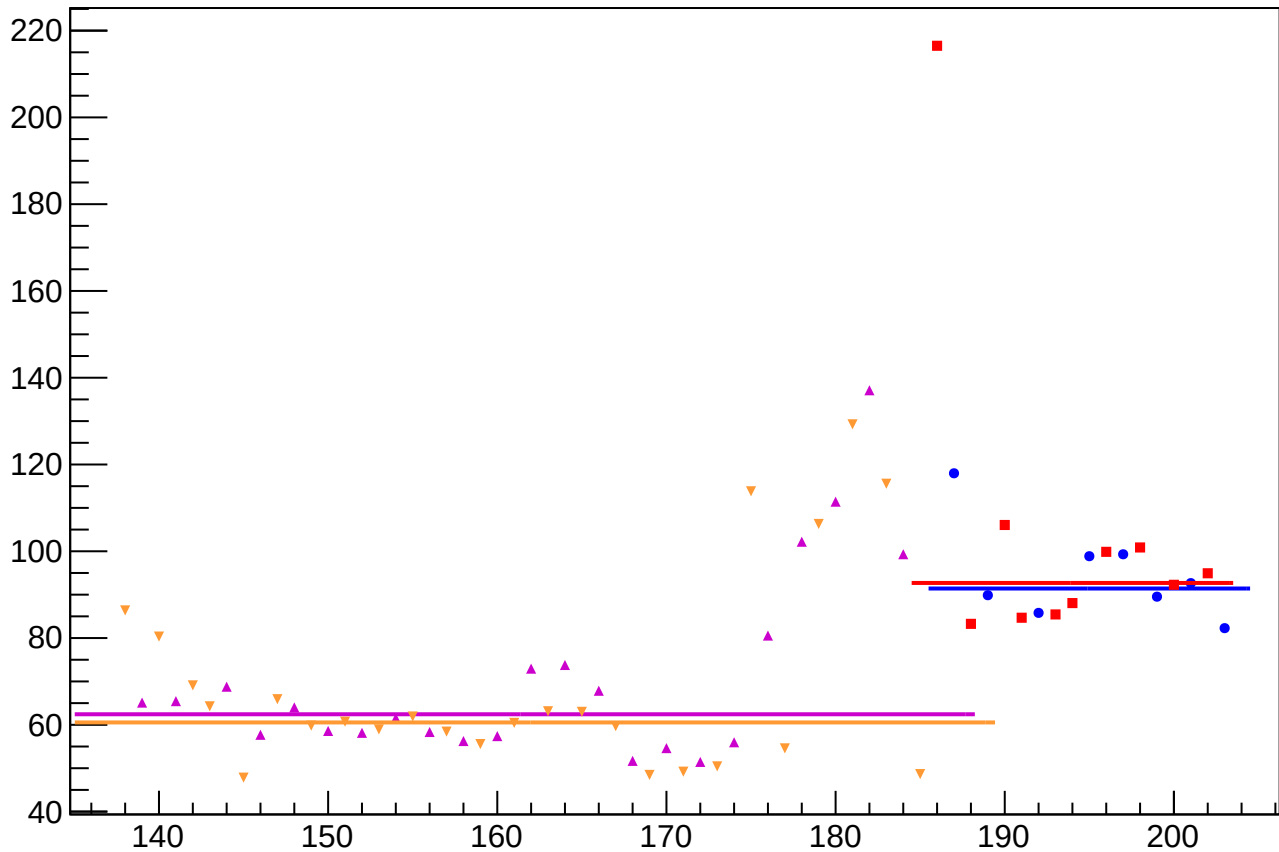
Left In: 28.435+/-15.494 χ^2/NDF : 26.2/22

+ sign -16.065+/-13.920 χ^2/NDF : 23.3/32

All: -2.843+/-9.965 χ^2/NDF : 73.0/65

- sign 11.058+/-14.273 χ^2/NDF : 47.8/32

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 91.417 $\pm$ 0.029 χ^2 /NDF: 57389.0/7

Left Out: 60.551 $\pm$ 0.010 χ^2 /NDF: 1951663.1/24

Right Out: 92.700 $\pm$ 0.026 χ^2 /NDF: 307987.4/9

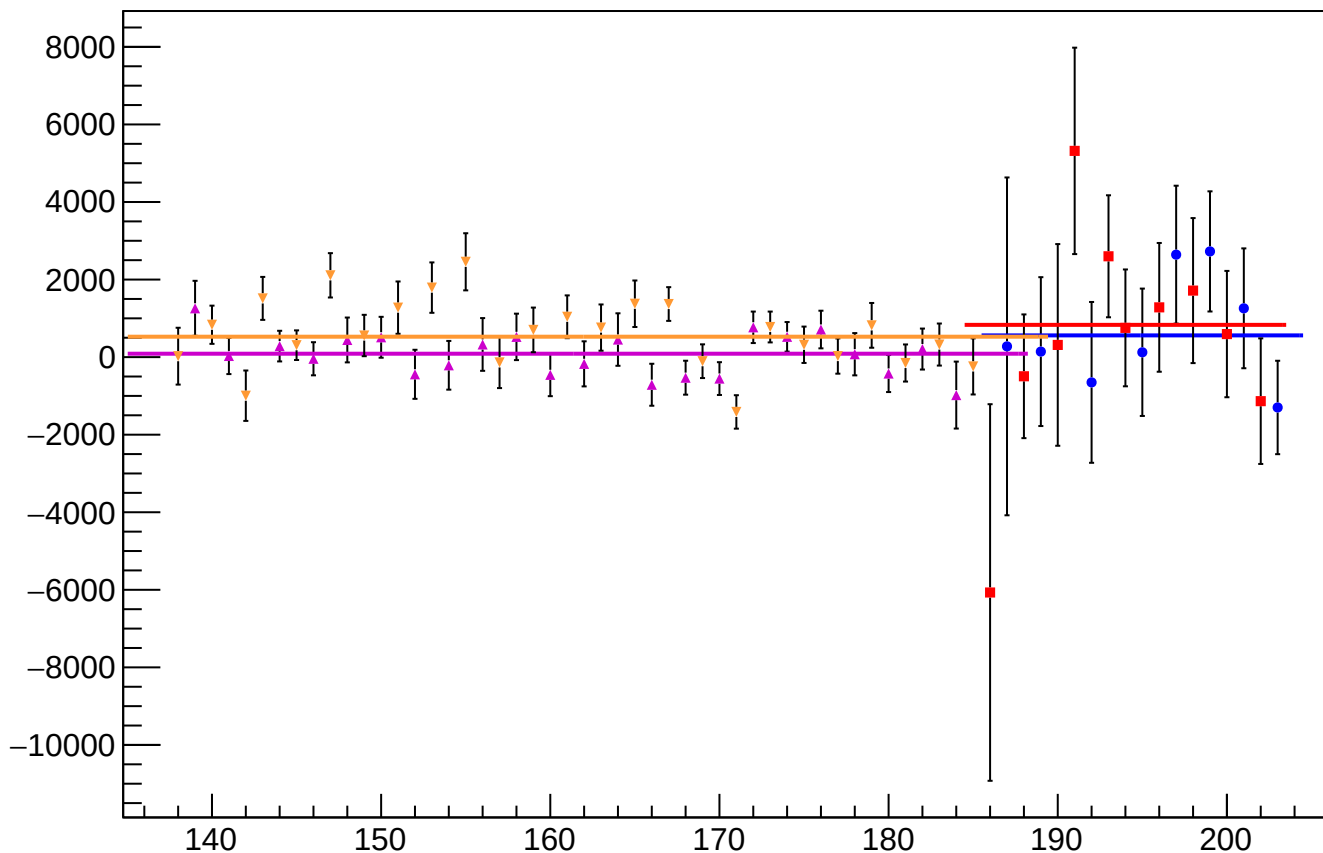
Left In: 62.435 $\pm$ 0.011 χ^2 /NDF: 1445748.2/22

+ sign 64.111 $\pm$ 0.010 χ^2 /NDF: 3012577.7/32

All: 65.528 $\pm$ 0.007 χ^2 /NDF: 5964147.3/65

- sign 67.016 $\pm$ 0.010 χ^2 /NDF: 2909102.1/32

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 560.542 ± 600.986 χ^2/NDF : 6.4/7

Left Out: 526.705 ± 105.414 χ^2/NDF : 65.0/24

Right Out: 831.999 ± 579.633 χ^2/NDF : 8.7/9

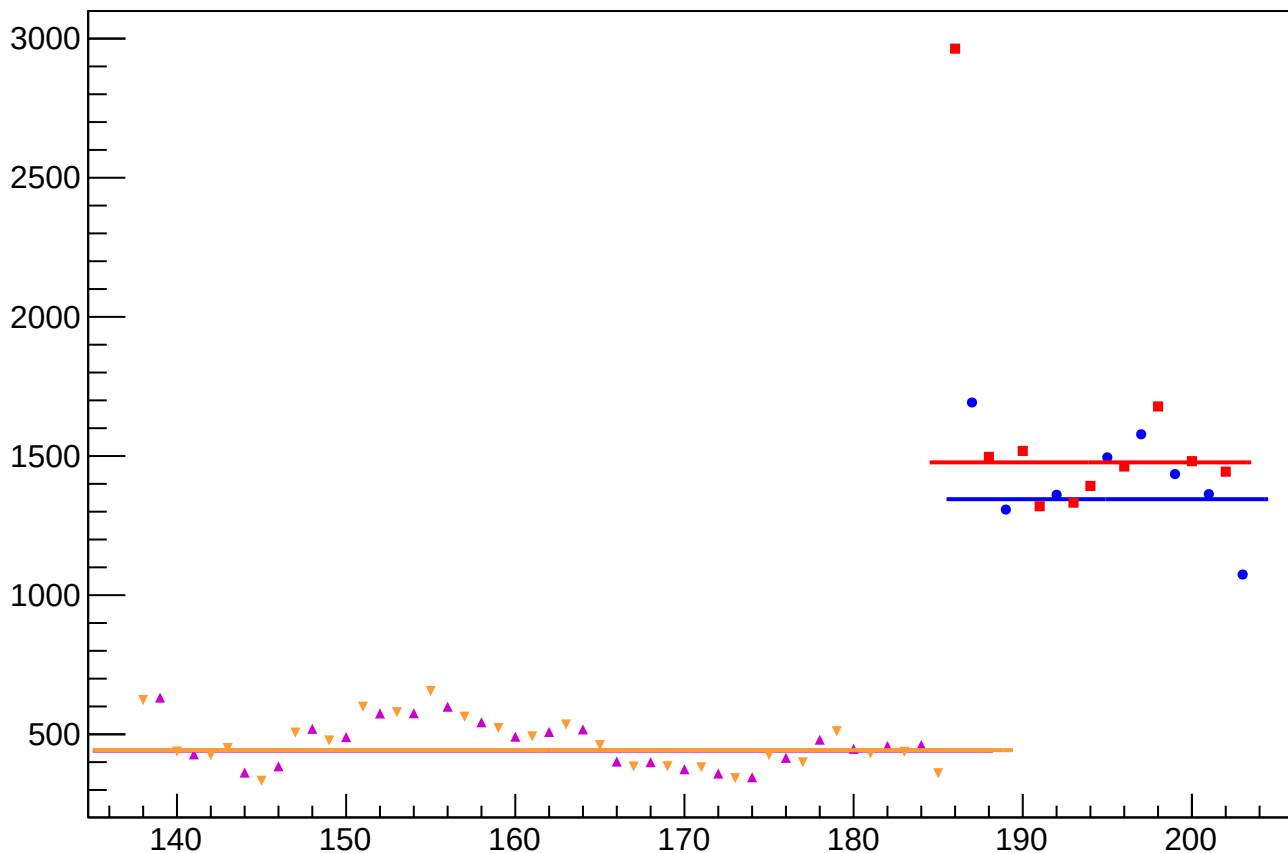
Left In: 87.989 ± 106.843 χ^2/NDF : 22.1/22

+ sign 527.715 ± 103.829 χ^2/NDF : 71.4/32

All: 322.548 ± 73.854 χ^2/NDF : 111.7/65

- sign 112.438 ± 105.073 χ^2/NDF : 32.4/32

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: 1477.142 $\pm$ 0.410 χ^2/NDF : 242722.2/9

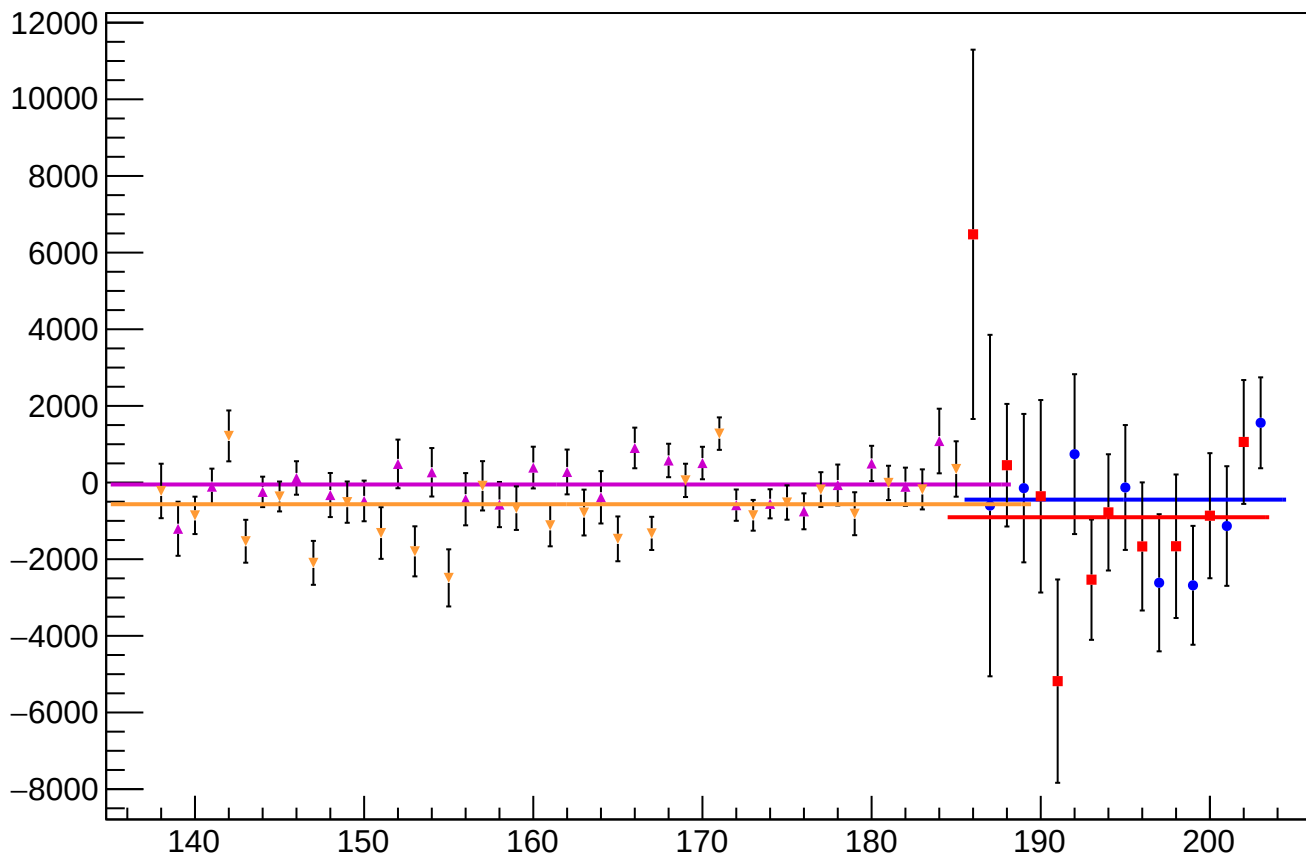
Left In: 441.359 $\pm$ 0.076 χ^2/NDF : 1035839.5/22

+ sign 469.949 $\pm$ 0.073 χ^2/NDF : 5713831.4/32

All: 472.640 $\pm$ 0.052 χ^2/NDF : 13171728.5/65

- sign 475.395 $\pm$ 0.074 χ^2/NDF : 7455178.9/32

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: -905.145+/-579.636 χ^2/NDF : 8.6/9

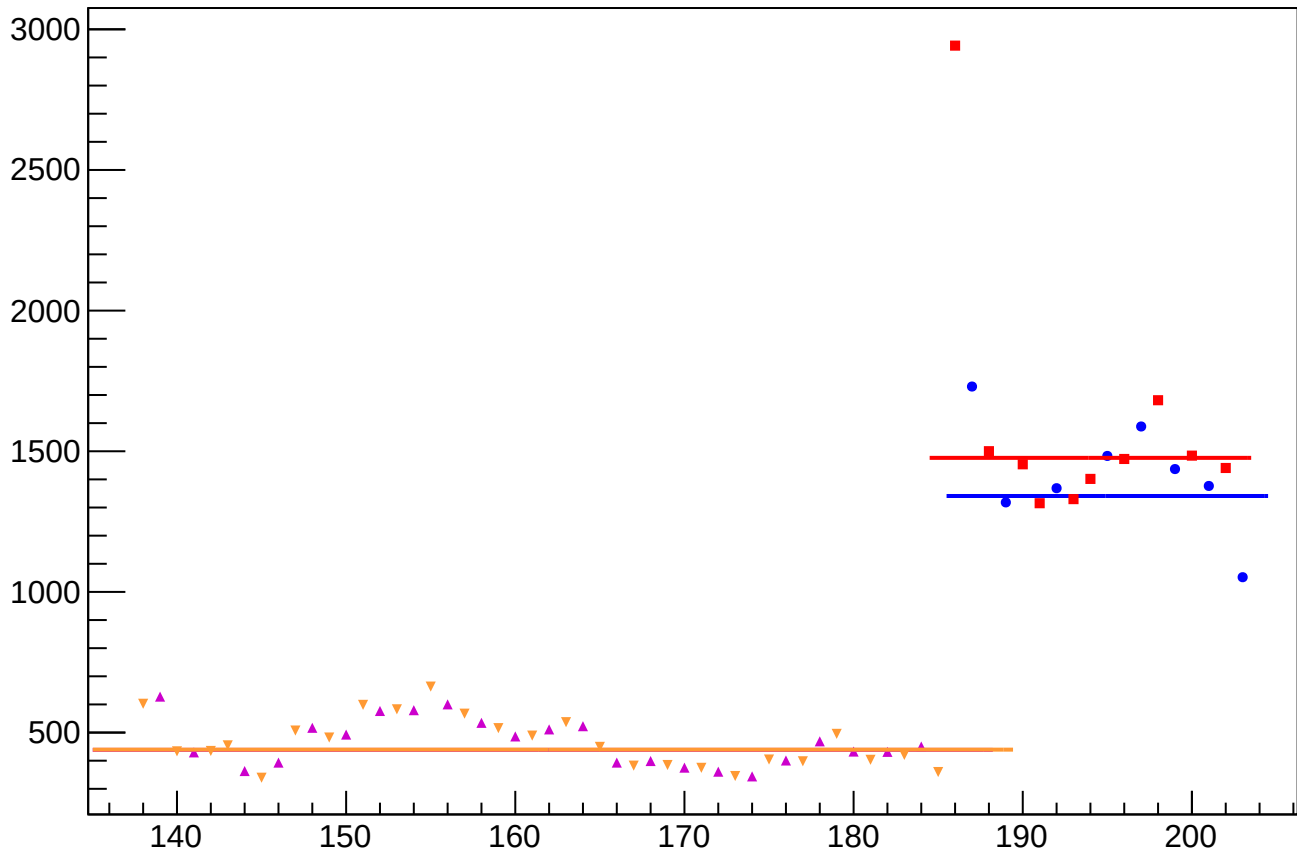
Left In: -50.387+/-106.218 χ^2/NDF : 23.3/22

+ sign -562.027+/-102.915 χ^2/NDF : 70.0/32

All: -323.740+/-73.318 χ^2/NDF : 114.9/65

- sign -78.158+/-104.478 χ^2/NDF : 34.0/32

asym_sam_15_48_dd_rms vs Slug



Right In: 1341.000 $\pm$ 0.425 χ^2/NDF : 196477.2/7

Left Out: 439.314 $\pm$ 0.074 χ^2/NDF : 1164031.3/24

Right Out: 1476.562 $\pm$ 0.410 χ^2/NDF : 240294.6/9

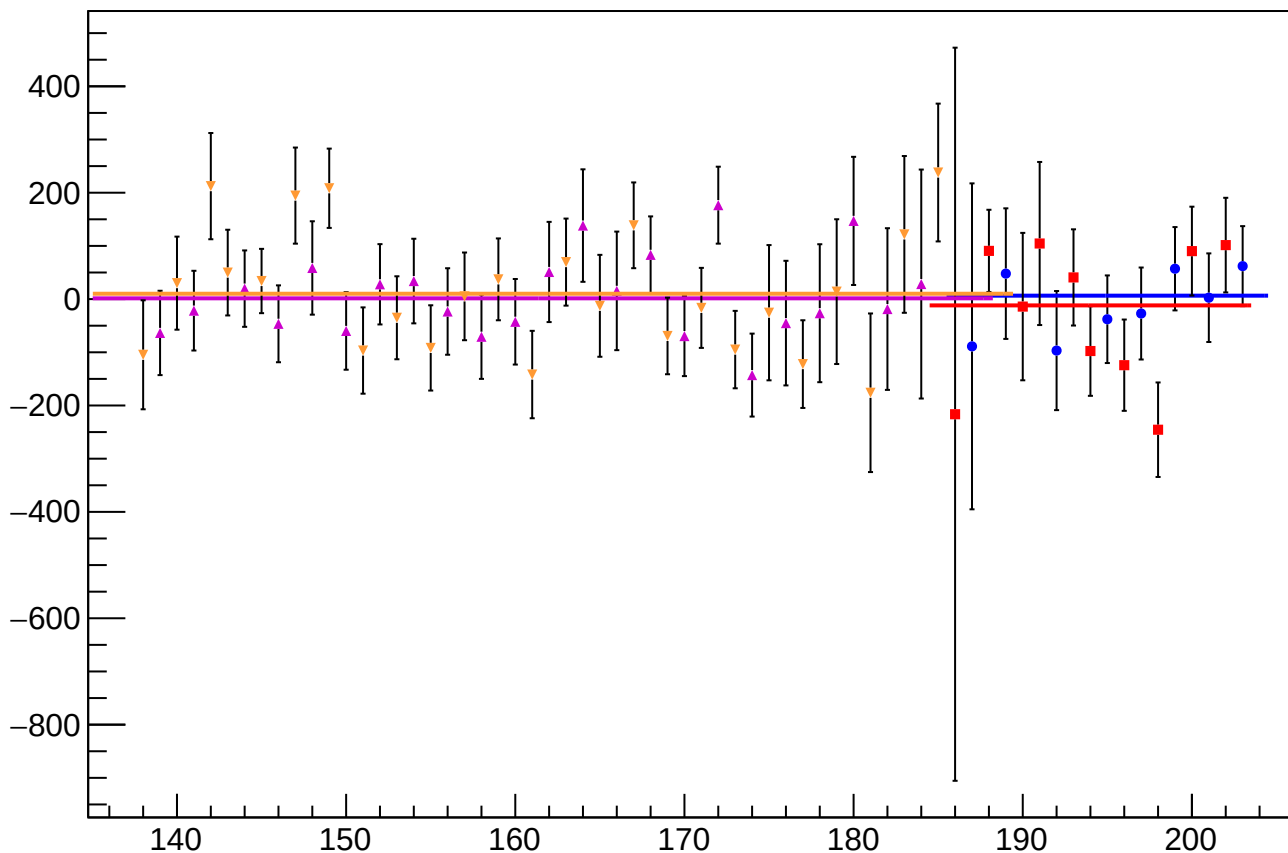
Left In: 438.365 $\pm$ 0.075 χ^2/NDF : 1024661.1/22

+ sign 465.796 $\pm$ 0.073 χ^2/NDF : 5737103.7/32

All: 468.898 $\pm$ 0.052 χ^2/NDF : 13213515.0/65

- sign 472.095 $\pm$ 0.074 χ^2/NDF : 7472721.6/32

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: -11.842 ± 30.718 χ^2/NDF : 15.6/9

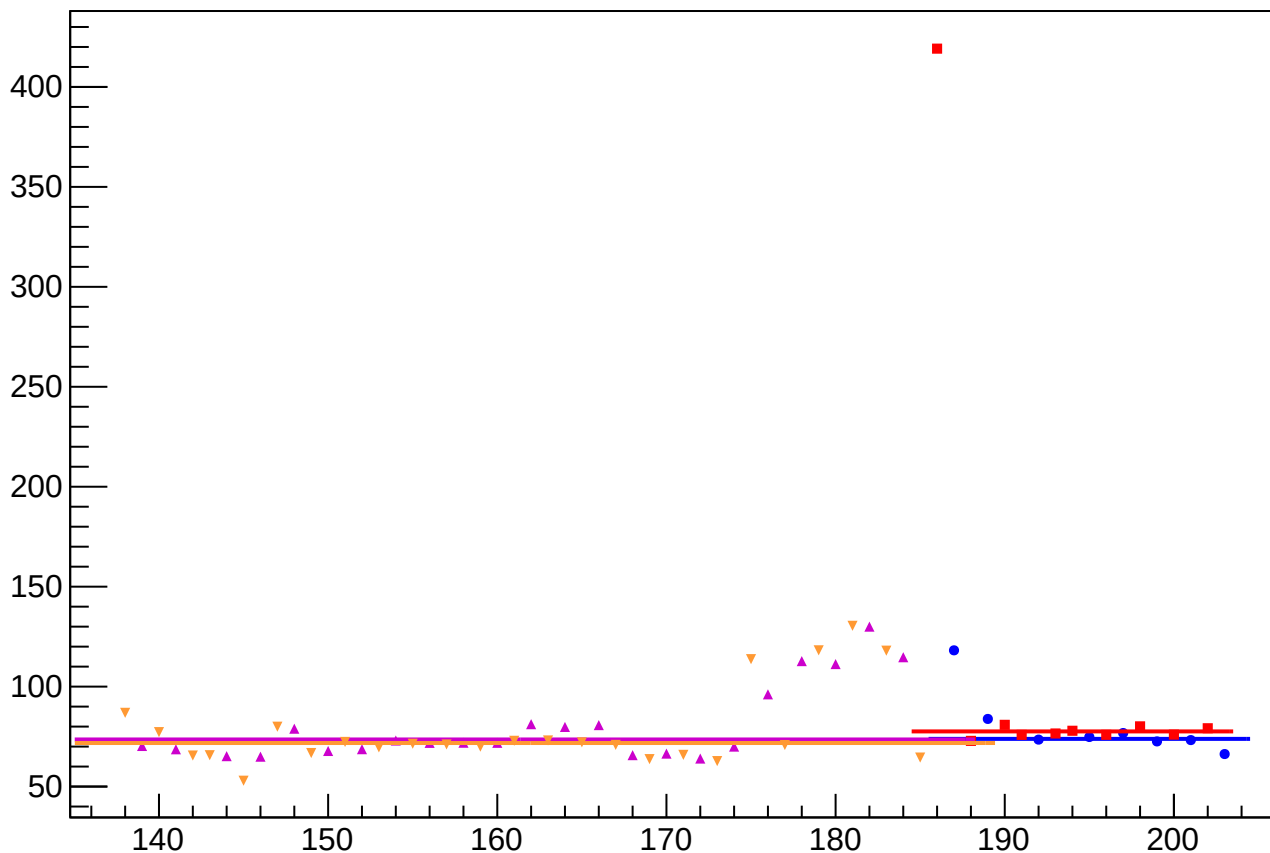
Left In: 1.434 ± 17.926 χ^2/NDF : 19.0/22

+ sign 9.302 ± 15.251 χ^2/NDF : 41.2/32

All: 3.767 ± 10.865 χ^2/NDF : 76.2/65

- sign -1.938 ± 15.483 χ^2/NDF : 34.7/32

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: 77.590+/-0.022 χ^2/NDF : 504388.9/9

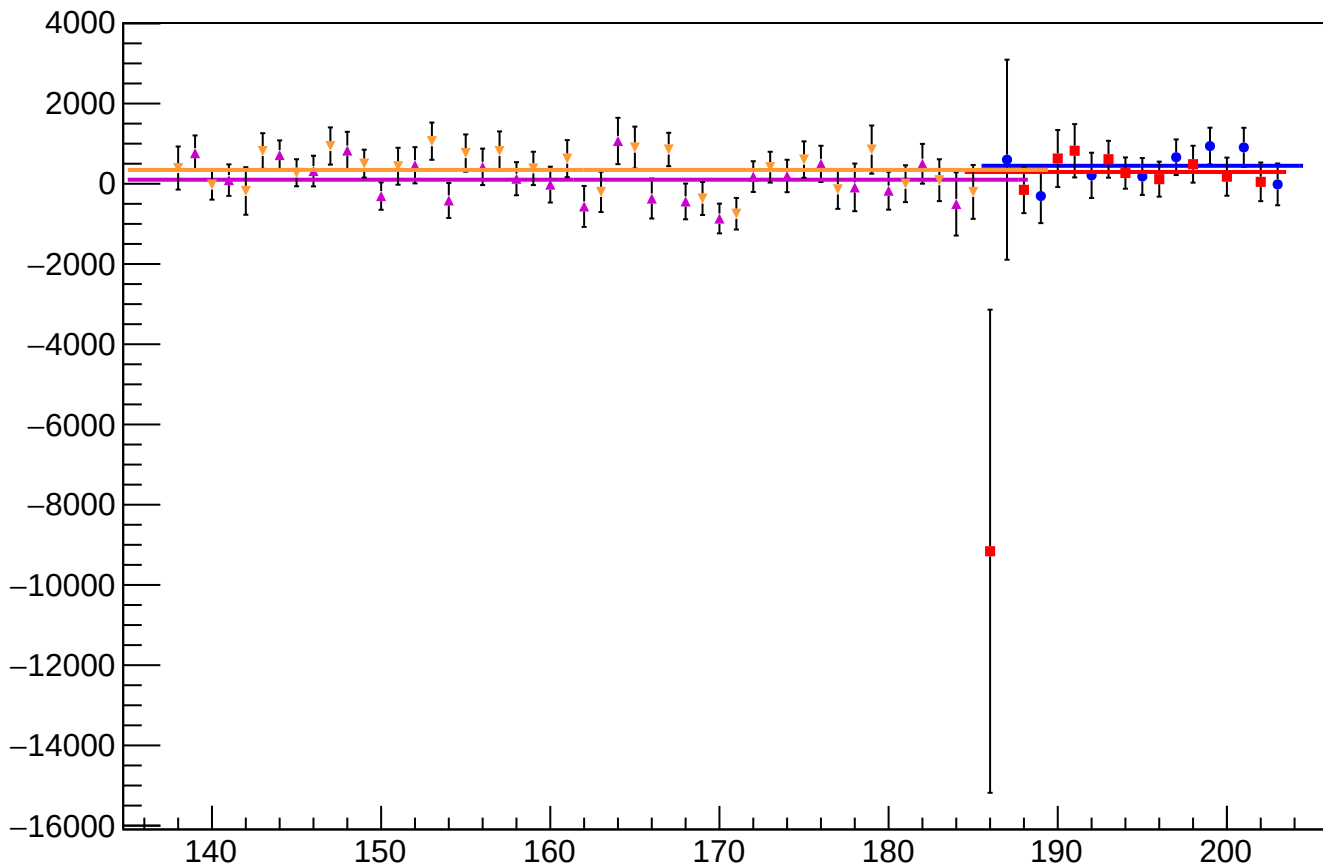
Left In: 73.558+/-0.013 χ^2/NDF : 1009353.9/22

+ sign 72.228+/-0.011 χ^2/NDF : 1410566.4/32

All: 73.388+/-0.008 χ^2/NDF : 2973481.3/65

- sign 74.583+/-0.011 χ^2/NDF : 1539445.4/32

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: 294.150 $\pm$ 163.720 χ^2 /NDF: 5.1/9

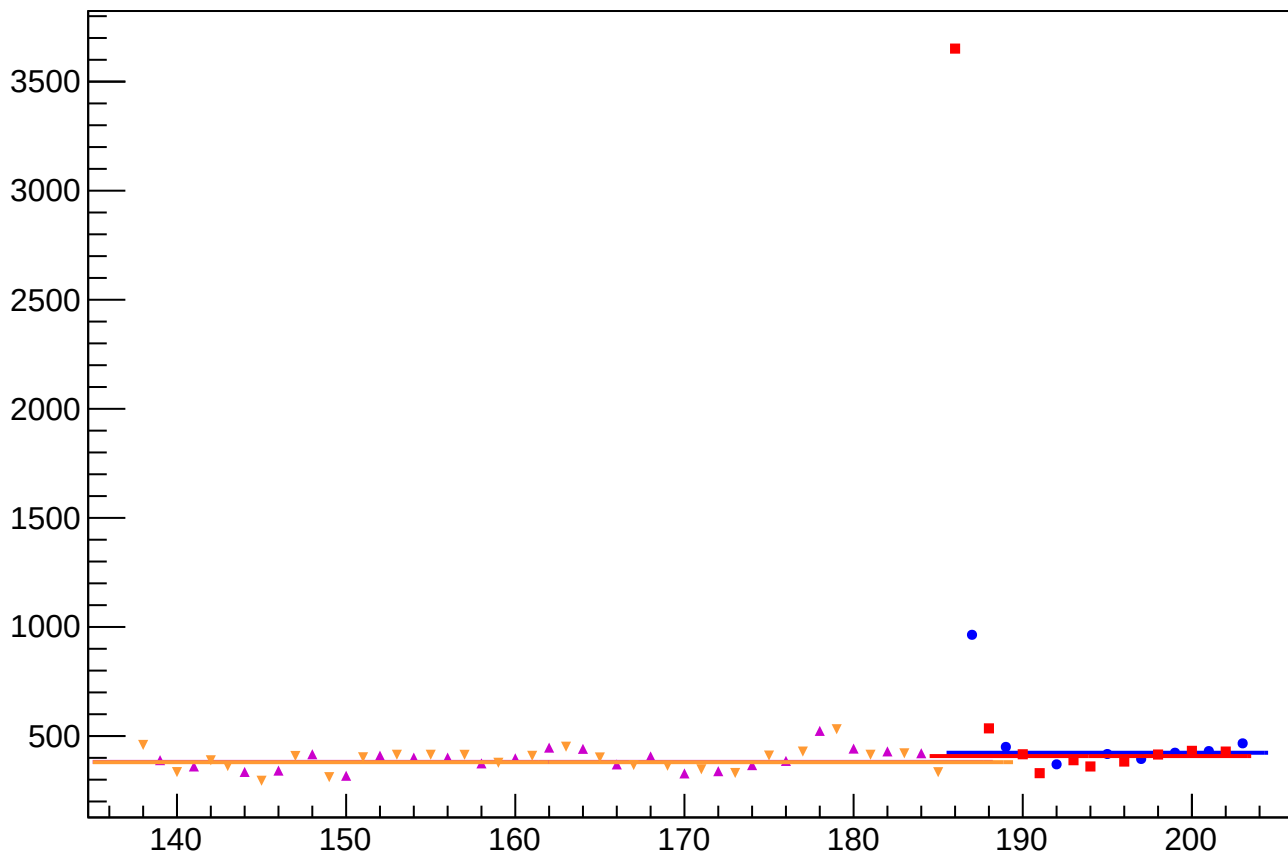
Left In: 101.648 $\pm$ 91.670 χ^2 /NDF: 28.1/22

+ sign 364.322 $\pm$ 81.164 χ^2 /NDF: 32.4/32

All: 254.374 $\pm$ 56.970 χ^2 /NDF: 70.2/65

- sign 147.594 $\pm$ 79.985 χ^2 /NDF: 34.2/32

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: 408.158 $\pm$ 0.116 χ^2/NDF : 753325.2/9

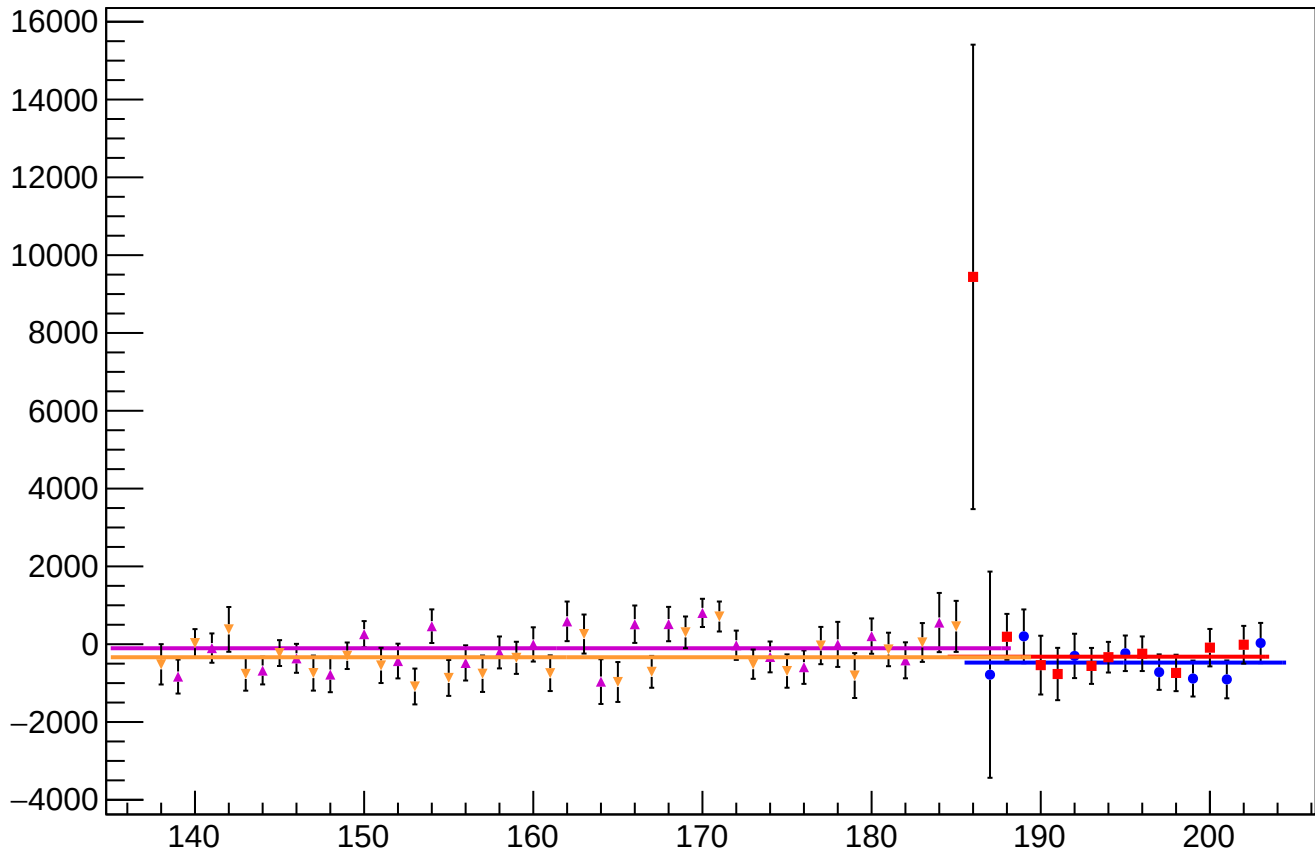
Left In: 381.474 $\pm$ 0.065 χ^2/NDF : 461021.8/22

+ sign 388.160 $\pm$ 0.057 χ^2/NDF : 839366.7/32

All: 387.999 $\pm$ 0.040 χ^2/NDF : 2094176.2/65

- sign 387.843 $\pm$ 0.057 χ^2/NDF : 1254794.0/32

asym_sam_37_48_dd_mean vs Slug



Right In: -472.832 $\pm$ 190.442 χ^2 /NDF: 4.1/7

Left Out: -335.242 $\pm$ 87.706 χ^2 /NDF: 28.3/24

Right Out: -321.322 $\pm$ 166.221 χ^2 /NDF: 5.7/9

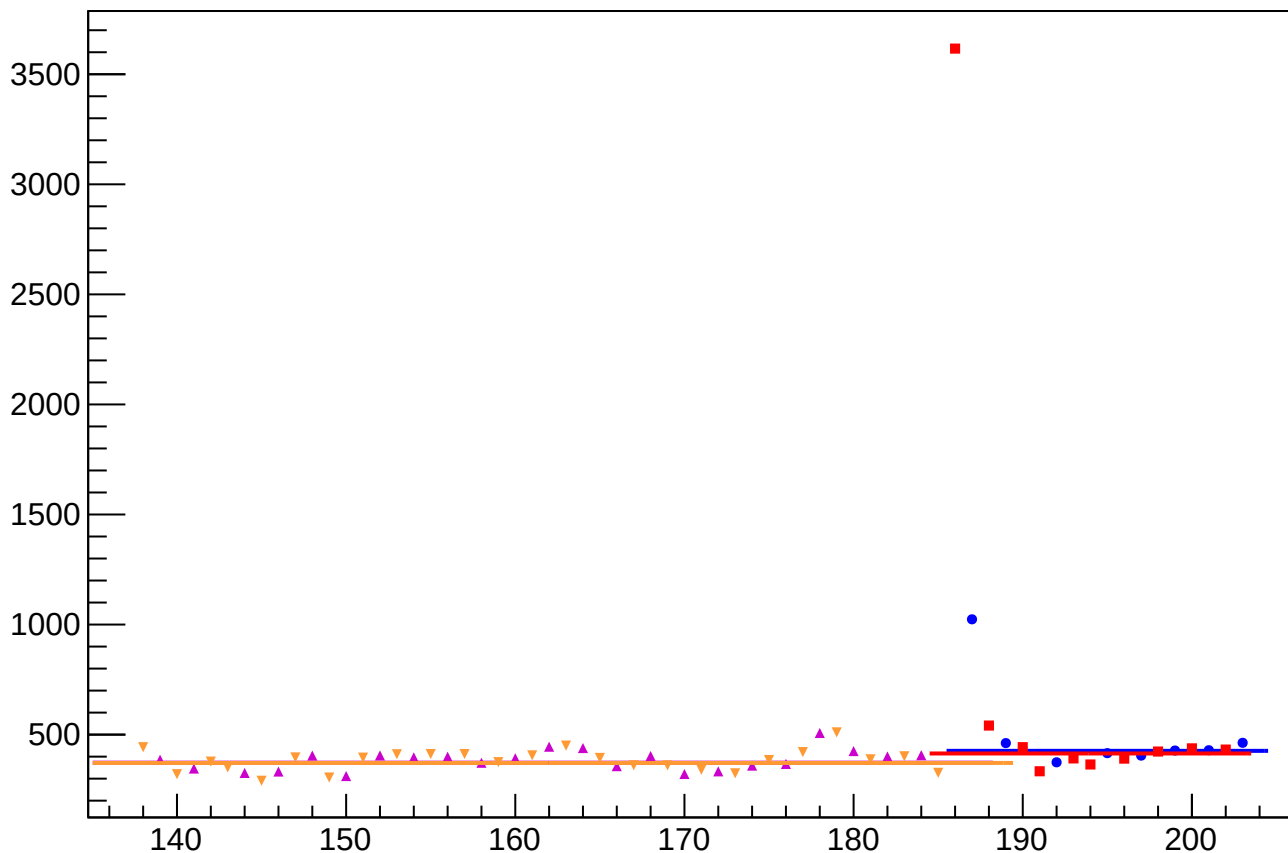
Left In: -104.117 $\pm$ 89.613 χ^2 /NDF: 29.7/22

+ sign -359.318 $\pm$ 79.664 χ^2 /NDF: 32.9/32

All: -255.155 $\pm$ 56.052 χ^2 /NDF: 72.9/65

- sign -153.031 $\pm$ 78.880 χ^2 /NDF: 36.7/32

asym_sam_37_48_dd_rms vs Slug



Right In: 426.277 $\pm$ 0.135 χ^2 /NDF: 139226.9/7

Left Out: 371.375 $\pm$ 0.062 χ^2 /NDF: 604123.3/24

Right Out: 414.342 $\pm$ 0.118 χ^2 /NDF: 750922.2/9

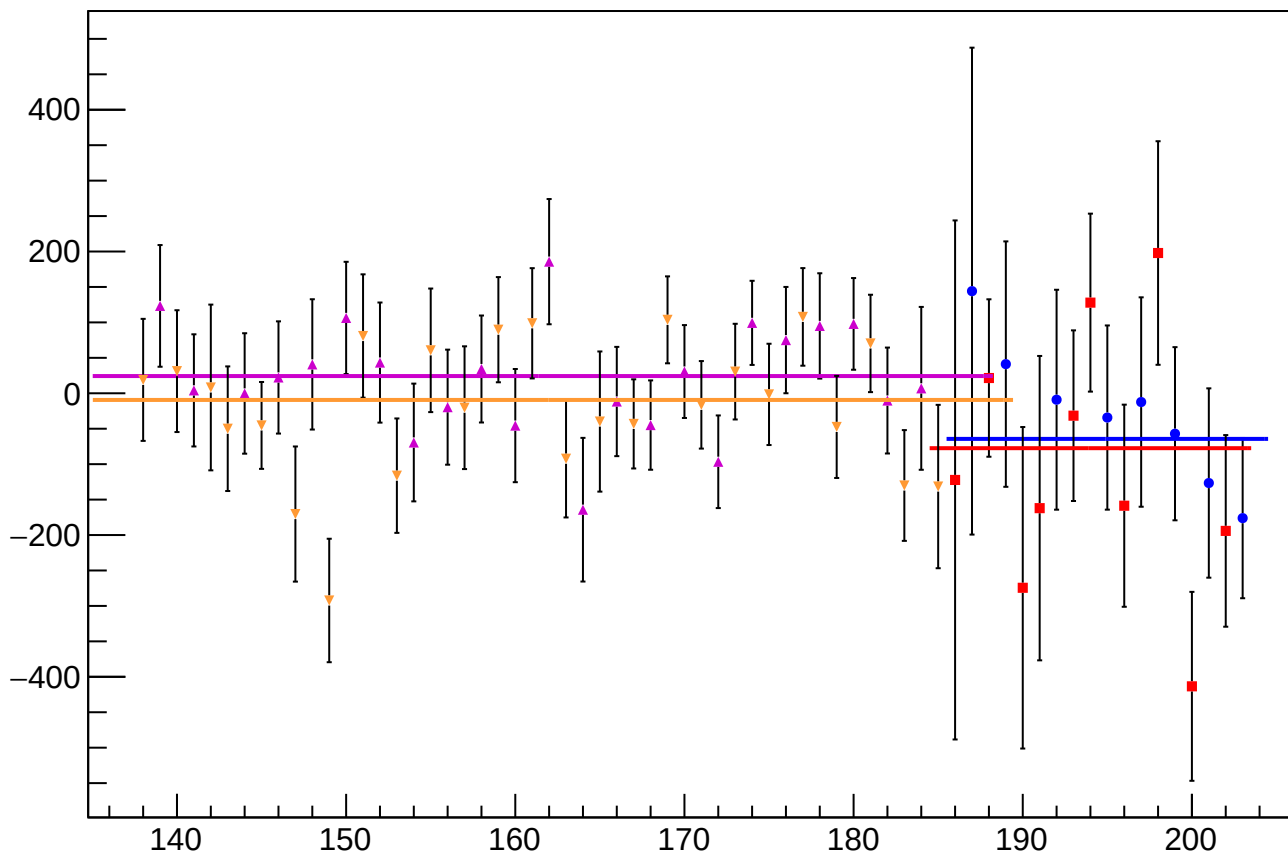
Left In: 372.574 $\pm$ 0.063 χ^2 /NDF: 464397.2/22

+ sign 380.982 $\pm$ 0.056 χ^2 /NDF: 880482.8/32

All: 381.486 $\pm$ 0.040 χ^2 /NDF: 2193802.1/65

- sign 381.980 $\pm$ 0.056 χ^2 /NDF: 1313161.0/32

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: -77.469 $\pm$ 46.497 χ^2 /NDF: 15.0/9

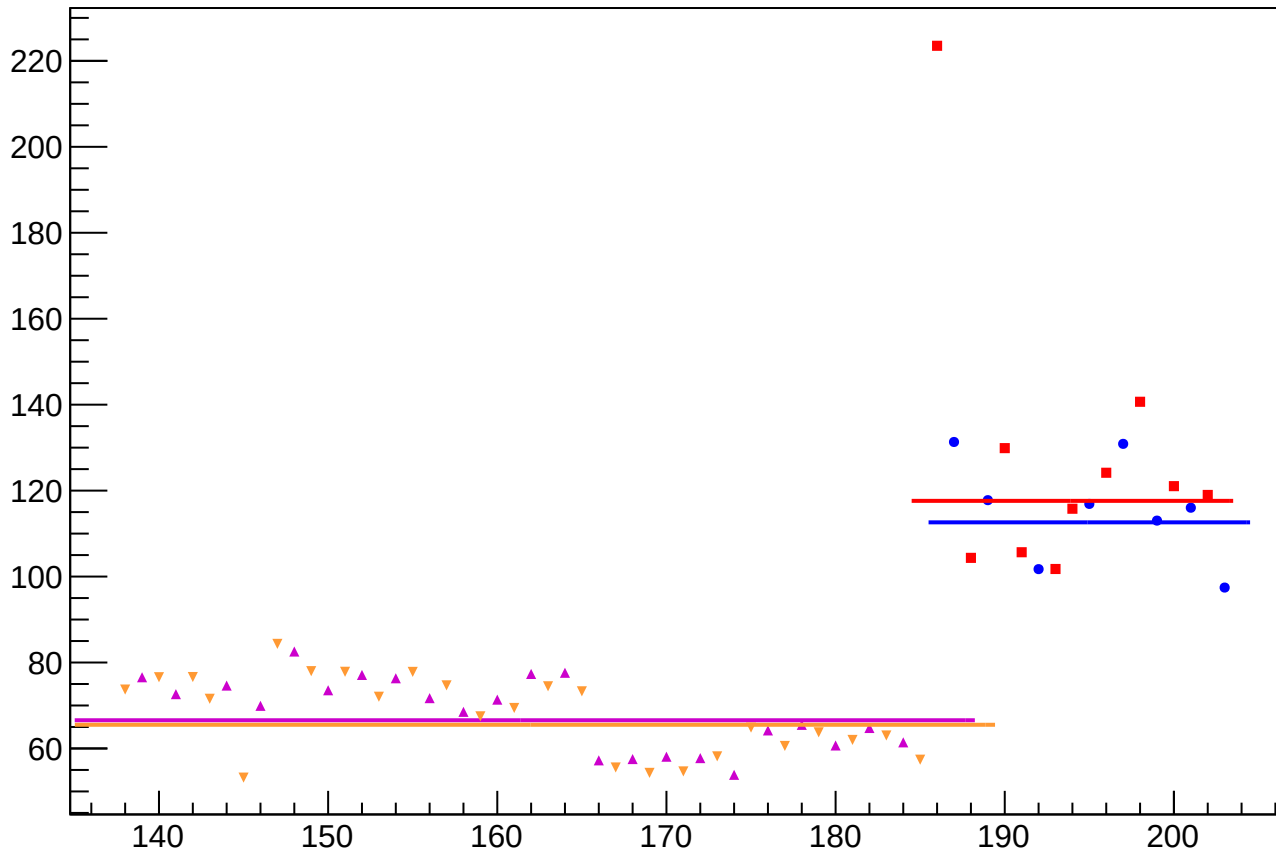
Left In: 24.293 $\pm$ 16.034 χ^2 /NDF:21.1/22

+ sign -14.087 $\pm$ 14.796 χ^2 /NDF: 38.0/32

All: -0.637 $\pm$ 10.588 χ^2 /NDF: 80.1/65

- sign 13.479 $\pm$ 15.158 χ^2 /NDF: 40.4/32

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: 117.617 $\pm$ 0.033 χ^2/NDF : 291489.1/9

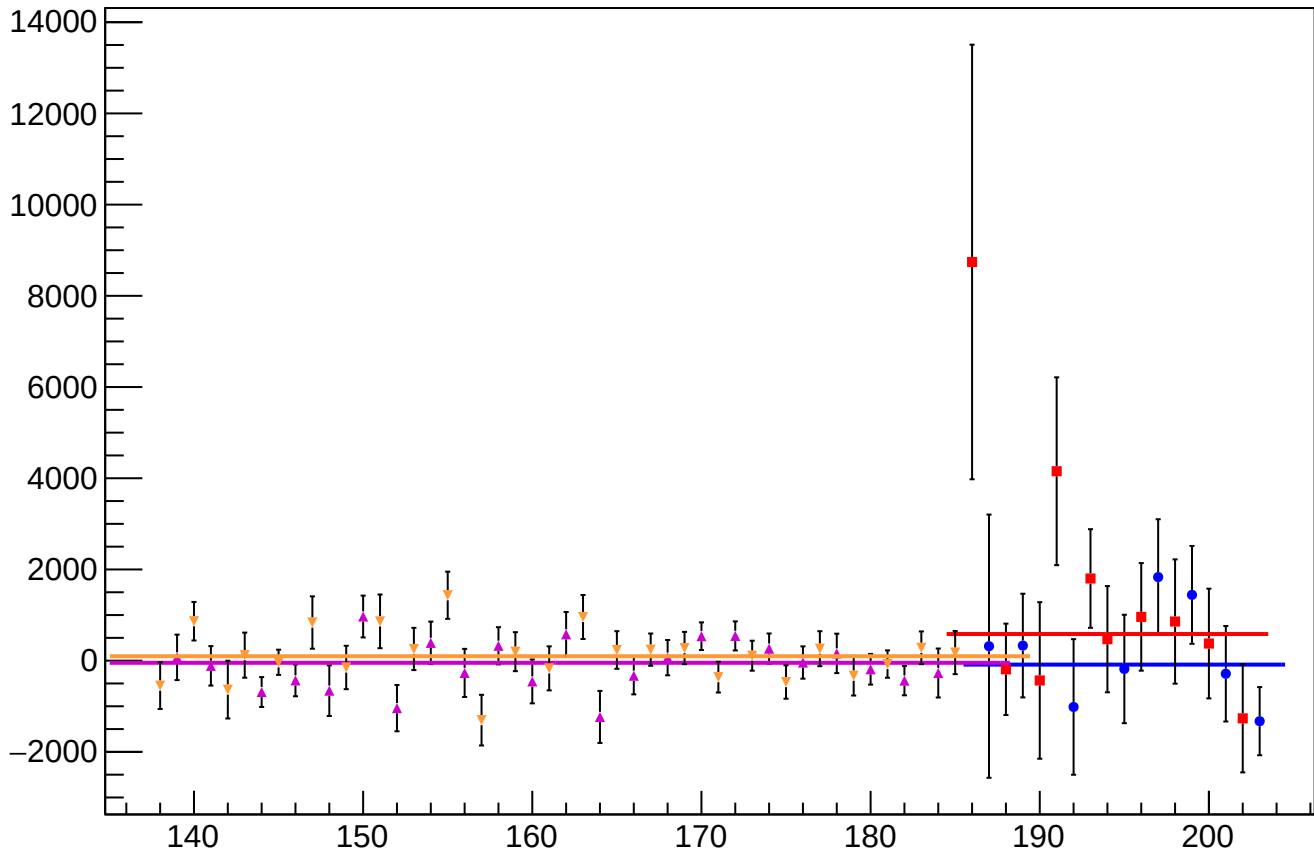
Left In: 66.564 $\pm$ 0.011 χ^2/NDF : 521302.1/22

+ sign 69.532 $\pm$ 0.010 χ^2/NDF : 2336867.7/32

All: 70.731 $\pm$ 0.007 χ^2/NDF : 5331589.5/65

- sign 71.989 $\pm$ 0.011 χ^2/NDF : 2967797.3/32

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: 584.293 ± 412.799 χ^2/NDF : 10.8/9

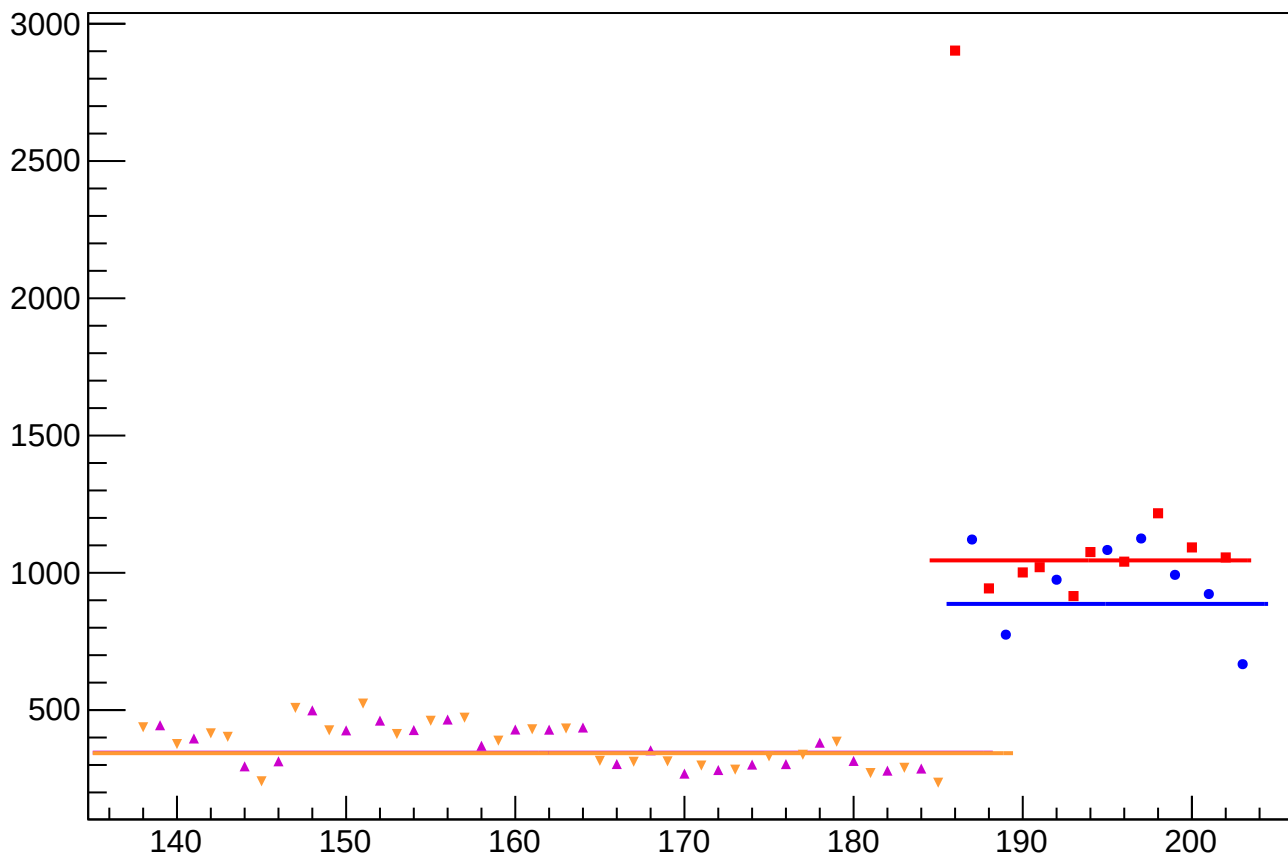
Left In: -46.660 ± 83.857 χ^2/NDF : 34.2/22

+ sign 89.963 ± 80.554 χ^2/NDF : 41.2/32

All: 35.269 ± 57.526 χ^2/NDF : 89.4/65

- sign -21.654 ± 82.179 χ^2/NDF : 47.2/32

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: 1045.245 $\pm$ 0.292 χ^2 /NDF: 391378.8/9

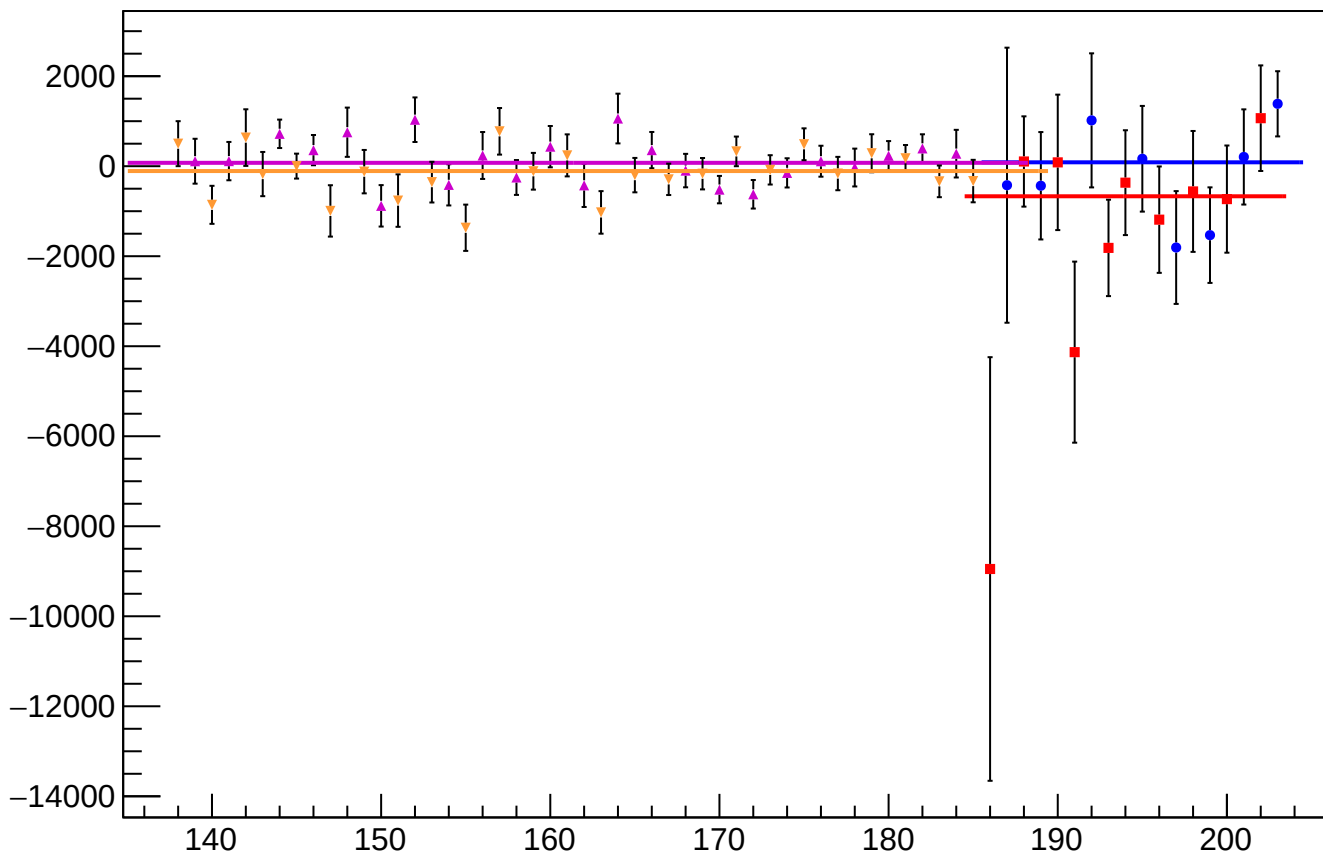
Left In: 344.818 $\pm$ 0.059 χ^2 /NDF: 1264545.0/22

+ sign 365.038 $\pm$ 0.057 χ^2 /NDF: 5568658.5/32

All: 368.732 $\pm$ 0.041 χ^2 /NDF: 12763049.6/65

- sign 372.577 $\pm$ 0.058 χ^2 /NDF: 7185805.6/32

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: -668.471 ± 406.941 χ^2/NDF : 10.5/9

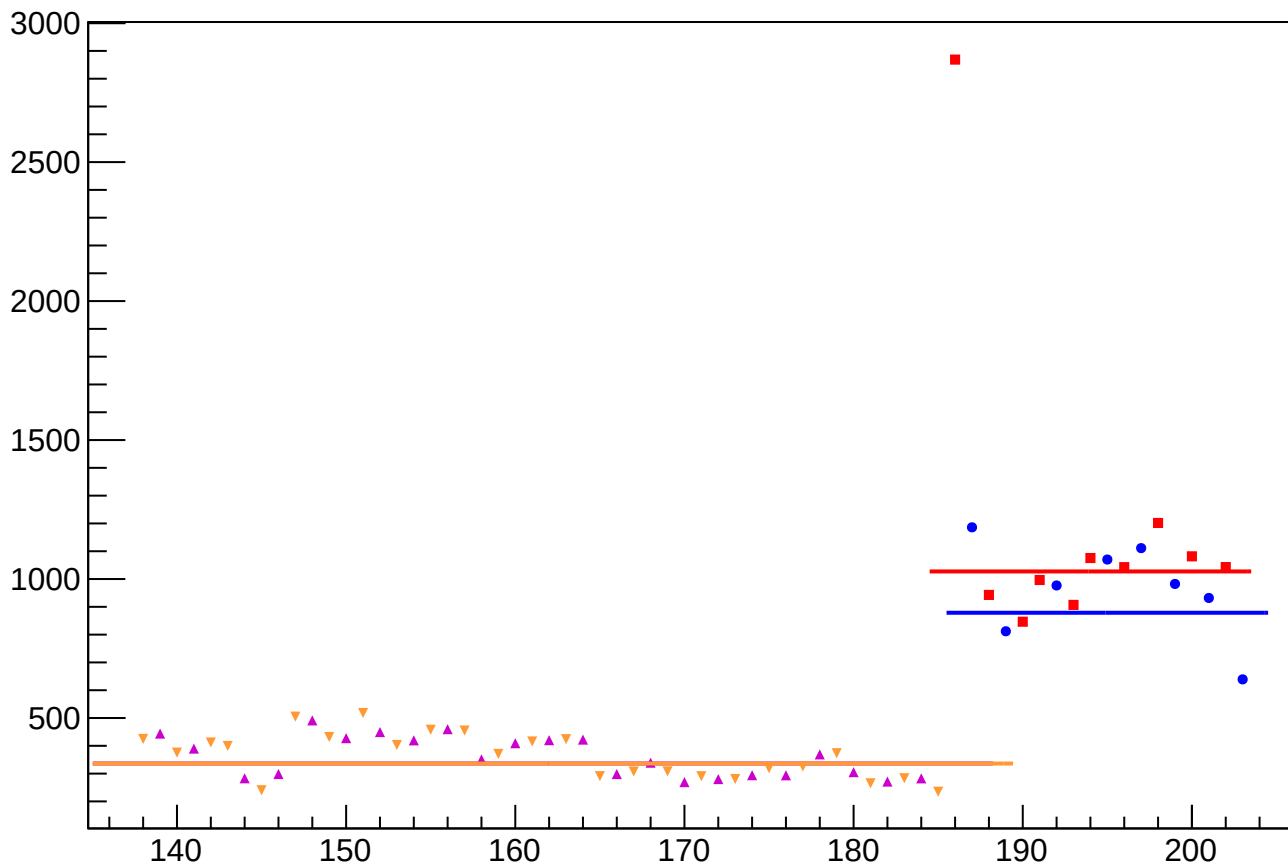
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign -100.387 ± 78.978 χ^2/NDF : 39.6/32

All: -28.437 ± 56.320 χ^2/NDF : 87.6/65

- sign 46.011 ± 80.337 χ^2/NDF : 46.4/32

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: 1027.307+/-0.288 χ^2/NDF : 417022.0/9

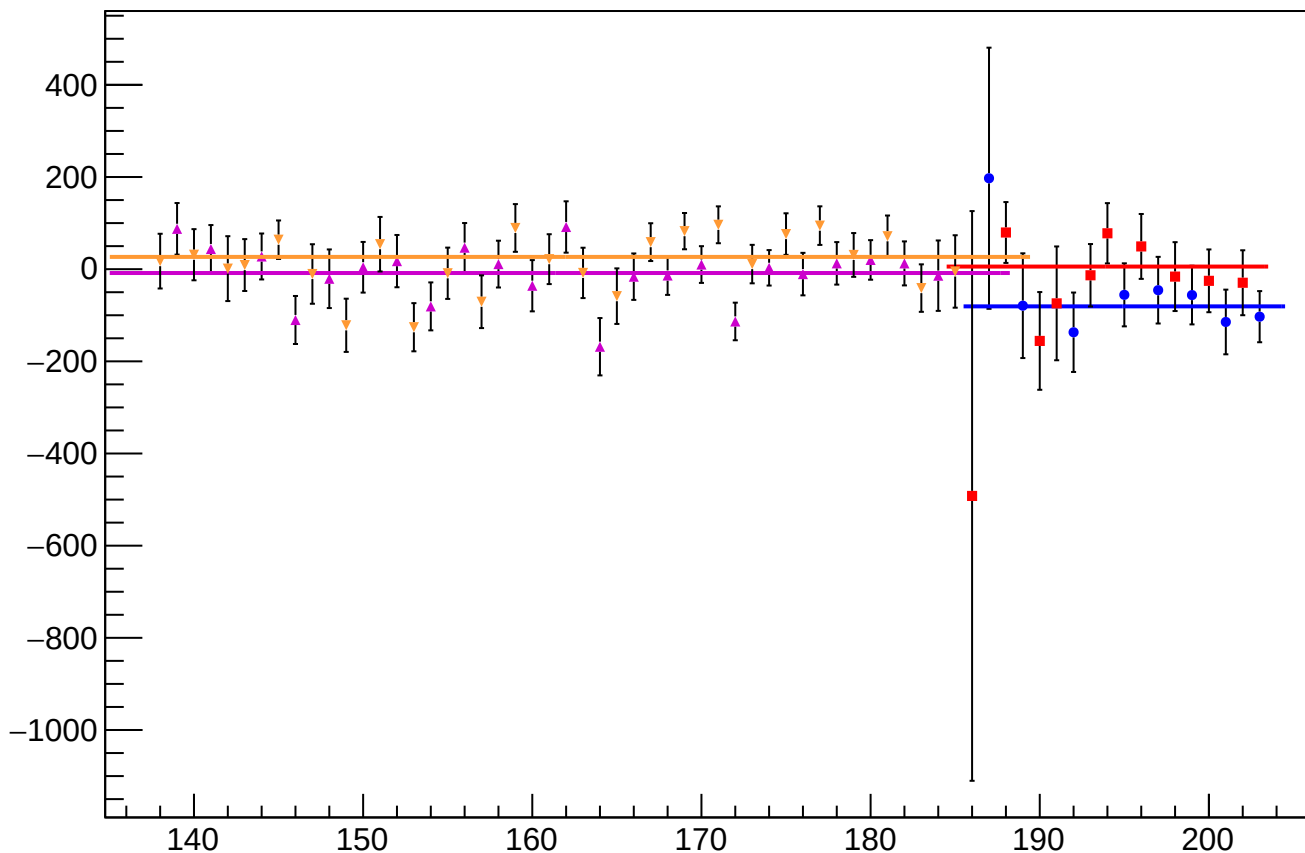
Left In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

+ sign 357.583+/-0.056 χ^2/NDF : 5627659.4/32

All: 360.404+/-0.040 χ^2/NDF : 12859930.6/65

- sign 363.323+/-0.057 χ^2/NDF : 7227079.3/32

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: 5.660 ± 24.729 χ^2/NDF : 6.9/9

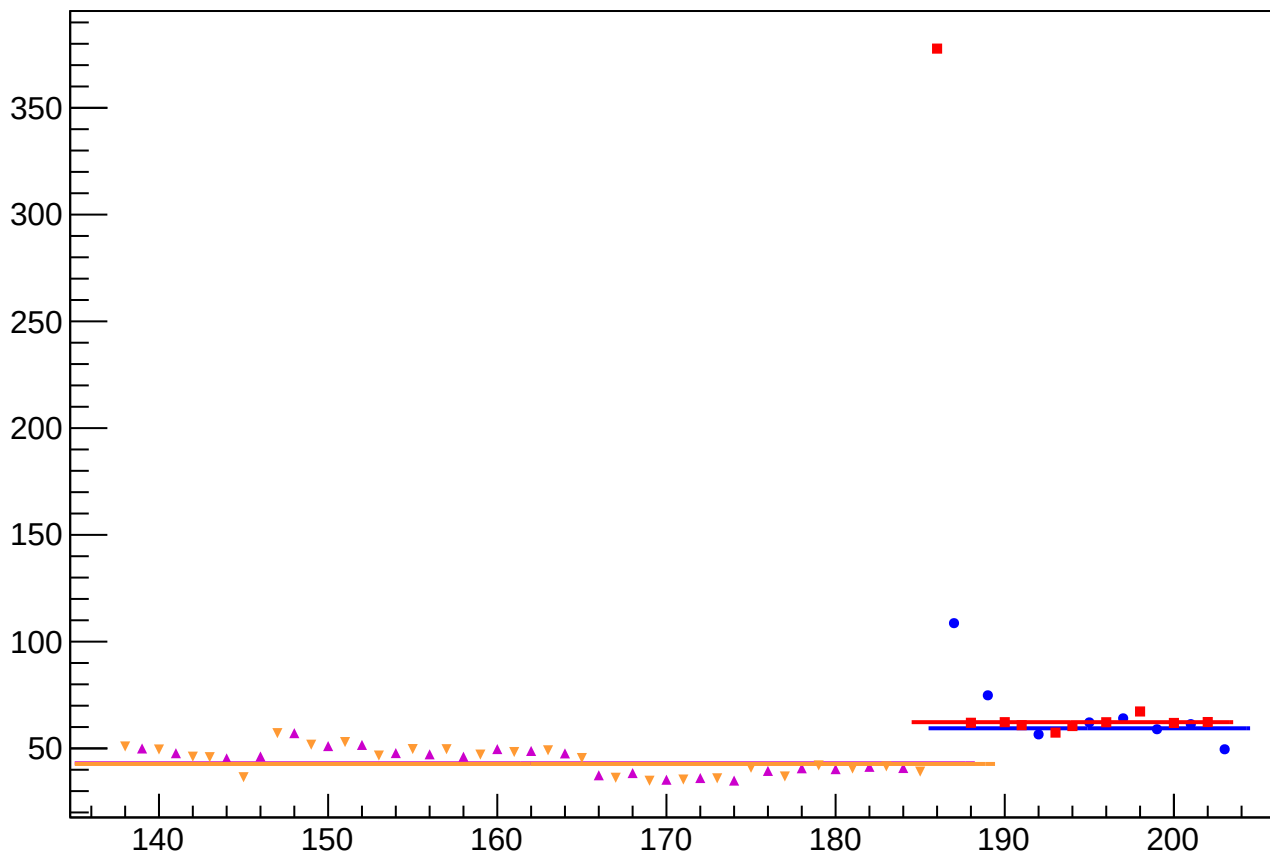
Left In: -8.325 ± 10.361 χ^2/NDF : 29.6/22

+ sign 13.206 ± 9.438 χ^2/NDF : 52.9/32

All: 3.605 ± 6.715 χ^2/NDF : 91.7/65

- sign -6.237 ± 9.556 χ^2/NDF : 36.7/32

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 59.415+/-0.019 χ^2/NDF : 175497.6/7

Left Out: 42.716+/-0.007 χ^2/NDF : 771558.7/24

Right Out: 62.284+/-0.017 χ^2/NDF : 542159.5/9

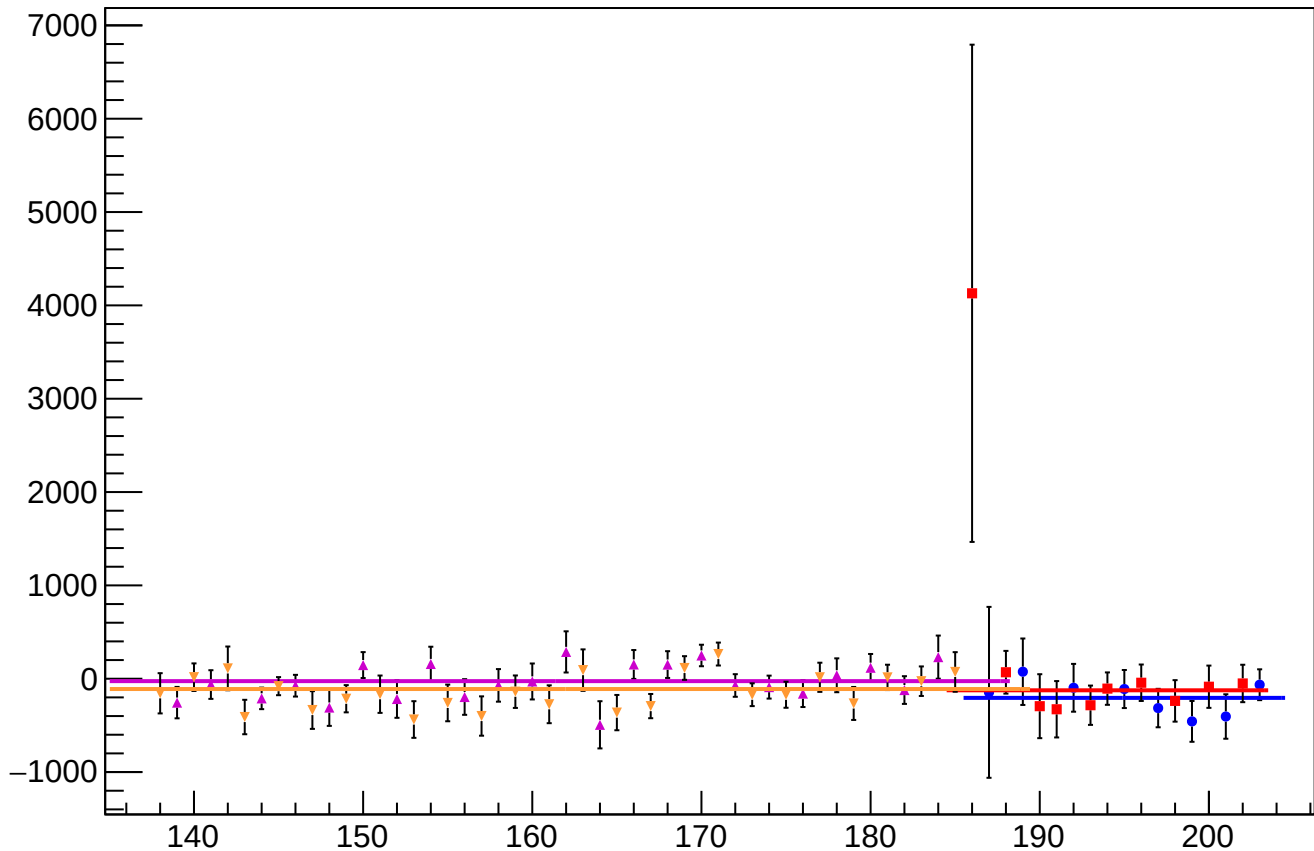
Left In: 43.021+/-0.007 χ^2/NDF : 642598.9/22

+ sign 44.805+/-0.007 χ^2/NDF : 1632279.8/32

All: 45.344+/-0.005 χ^2/NDF : 3862654.0/65

- sign 45.898+/-0.007 χ^2/NDF : 2217125.4/32

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -205.154 ± 82.433 $\chi^2/\text{NDF}: 4.1/7$

Left Out: -110.340 ± 31.717 $\chi^2/\text{NDF}: 33.0/24$

Right Out: -124.035 ± 73.461 $\chi^2/\text{NDF}: 5.1/9$

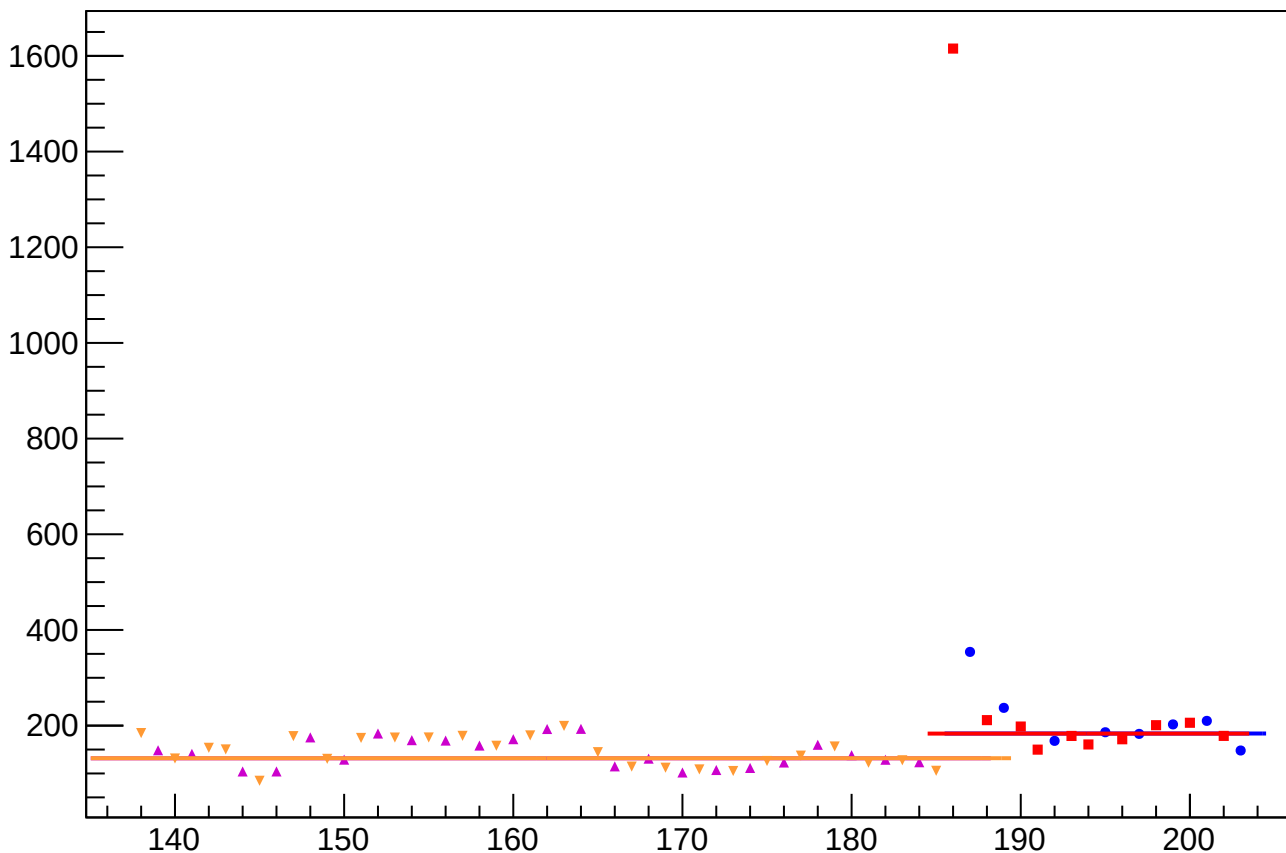
Left In: -25.828 ± 32.100 $\chi^2/\text{NDF}: 29.0/22$

+ sign -122.566 ± 29.601 $\chi^2/\text{NDF}: 38.2/32$

All: -81.813 ± 20.865 $\chi^2/\text{NDF}: 77.6/65$

- sign -41.573 ± 29.414 $\chi^2/\text{NDF}: 35.7/32$

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: 183.336 $\pm$ 0.052 χ^2/NDF : 712891.5/9

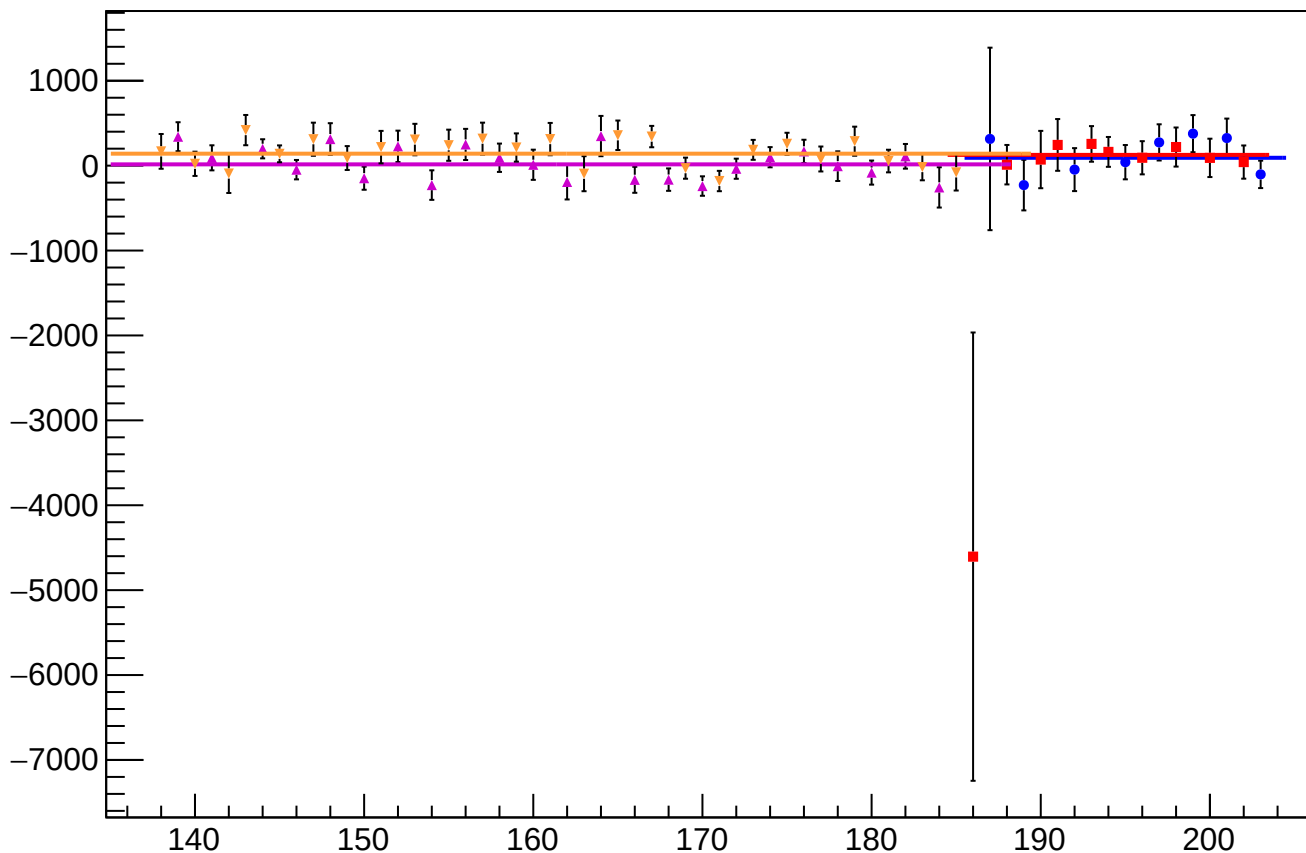
Left In: 131.630 $\pm$ 0.023 χ^2/NDF : 1403692.5/22

+ sign 138.534 $\pm$ 0.021 χ^2/NDF : 2744730.4/32

All: 139.231 $\pm$ 0.015 χ^2/NDF : 5695513.2/65

- sign 139.919 $\pm$ 0.021 χ^2/NDF : 2948577.5/32

asym_sam_37_26_dd_mean vs Slug



Right In: 92.639 ± 80.975 χ^2/NDF : 6.5/7

Left Out: 141.008 ± 30.636 χ^2/NDF : 27.1/24

Right Out: 126.748 ± 73.712 χ^2/NDF : 4.5/9

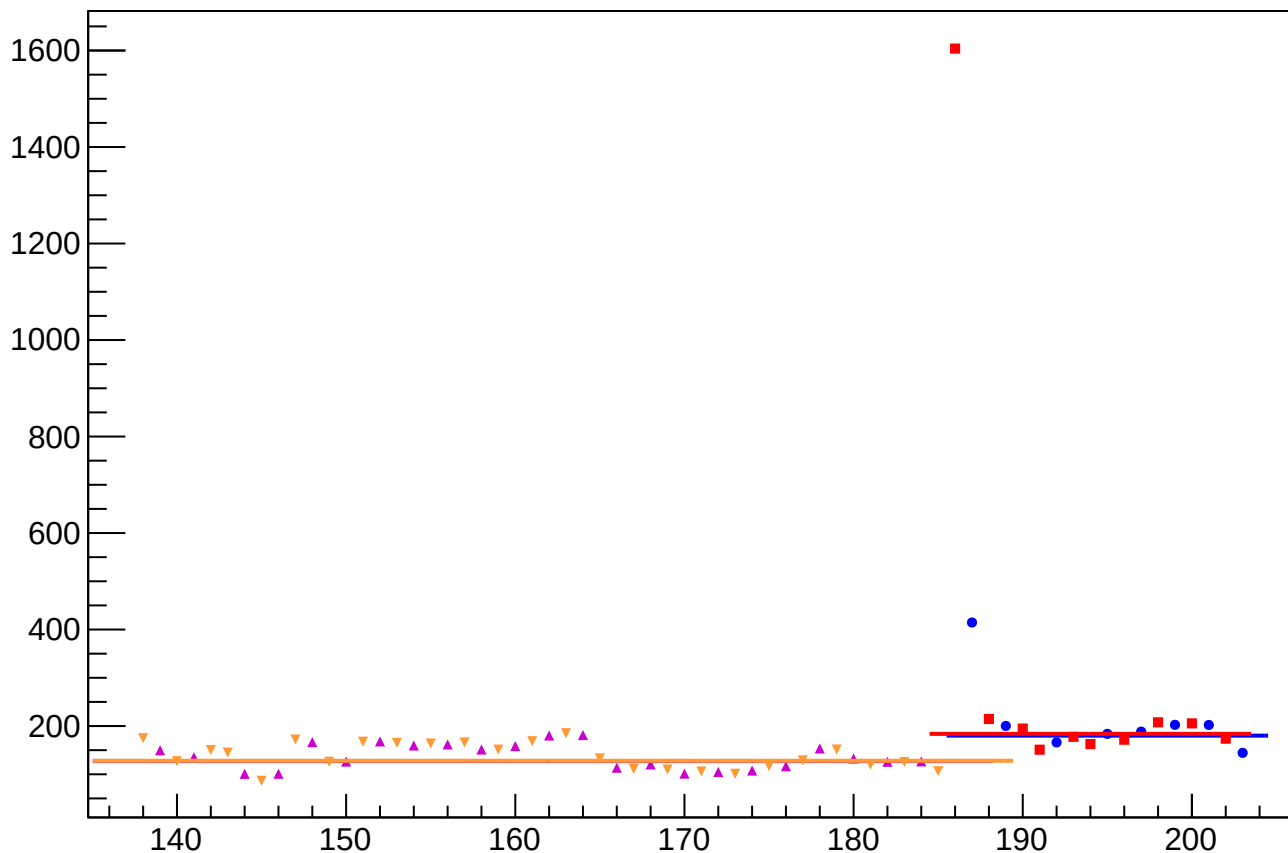
Left In: 15.199 ± 31.033 χ^2/NDF : 31.4/22

+ sign 134.952 ± 28.653 χ^2/NDF : 33.9/32

All: 83.379 ± 20.243 χ^2/NDF : 78.2/65

- sign 31.993 ± 28.602 χ^2/NDF : 37.8/32

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: 183.771+/-0.052 χ^2/NDF : 722887.1/9

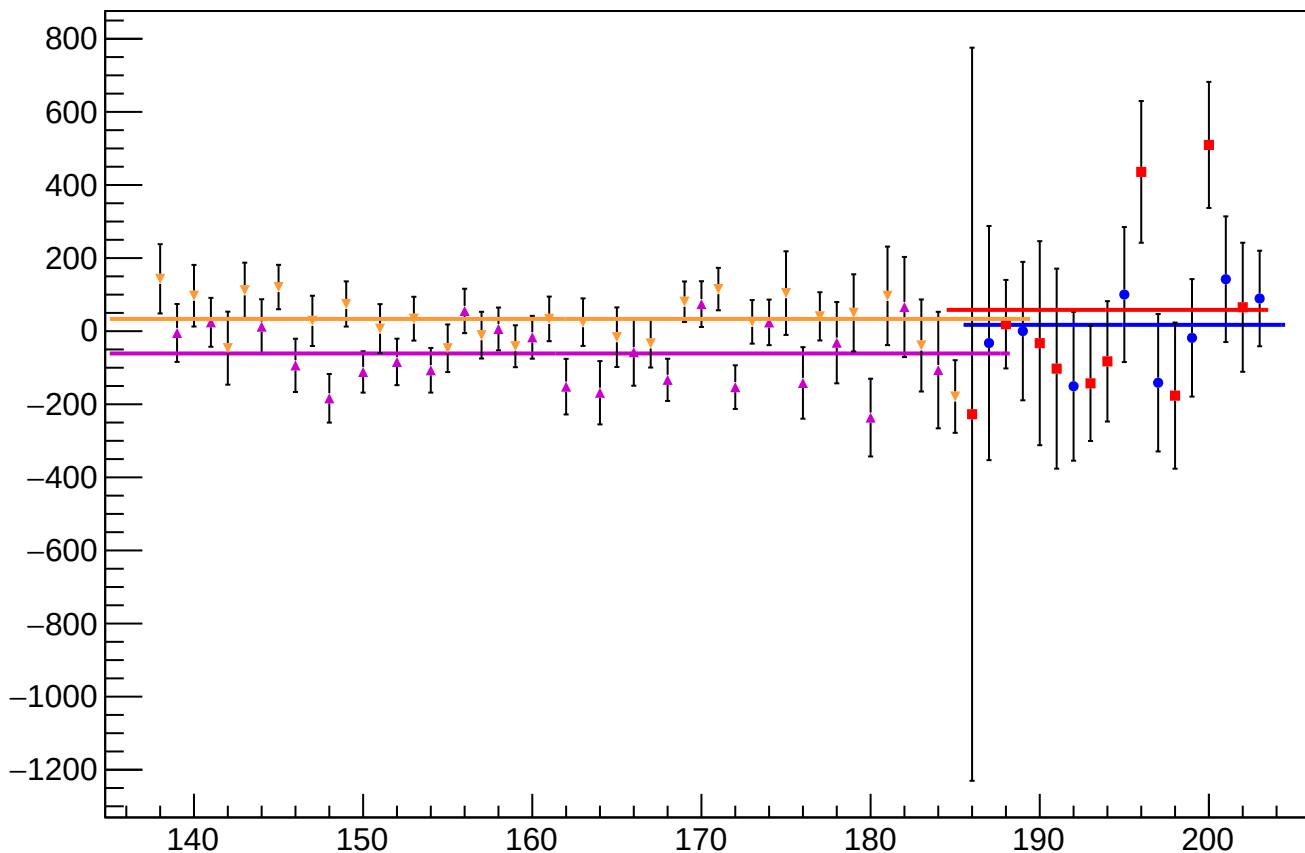
Left In: 127.380+/-0.022 χ^2/NDF : 1229899.0/22

+ sign 134.578+/-0.020 χ^2/NDF : 2504804.5/32

All: 135.225+/-0.014 χ^2/NDF : 5453926.7/65

- sign 135.870+/-0.020 χ^2/NDF : 2947086.1/32

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: 58.333 $\pm$ 58.743 χ^2 /NDF: 15.0/9

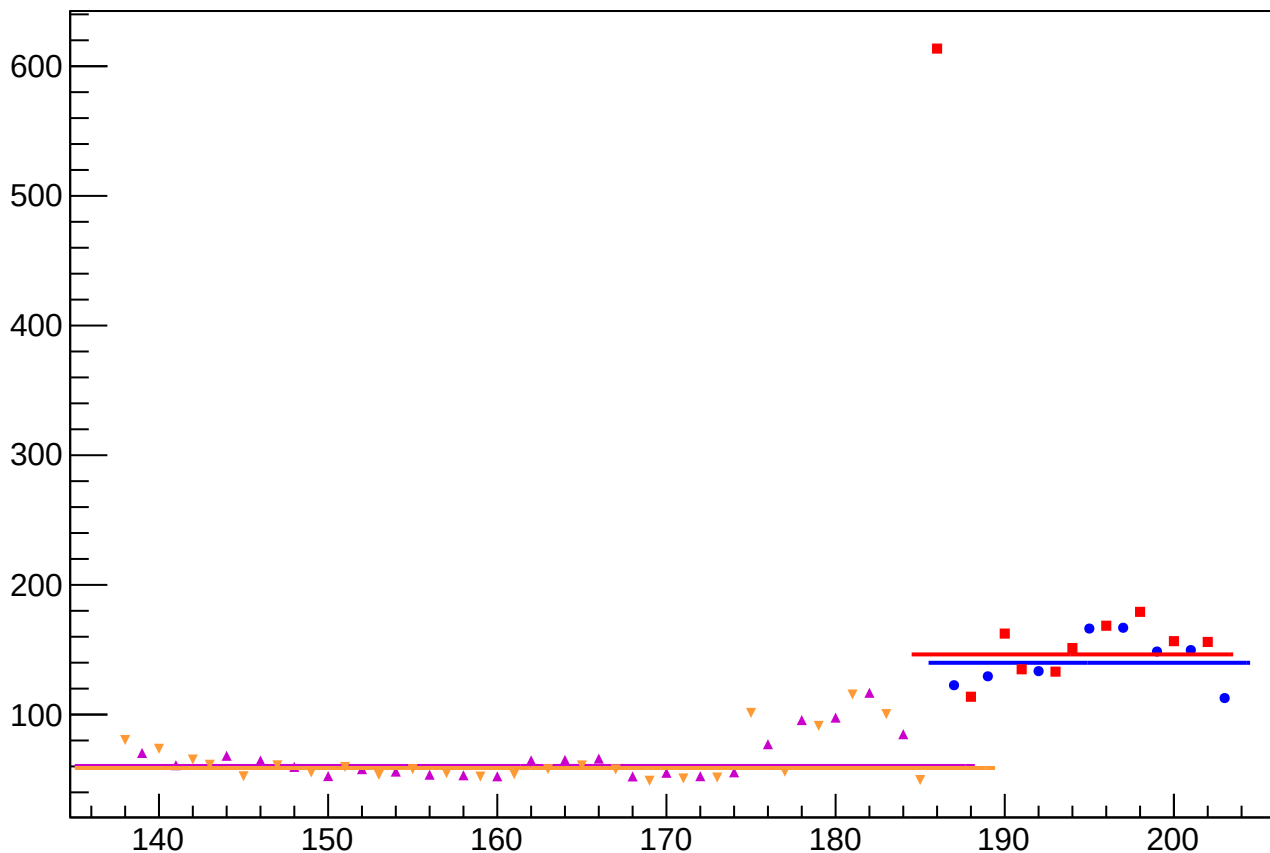
Left In: -60.992 $\pm$ 14.839 χ^2 /NDF:31.6/22

+ sign 32.757 $\pm$ 13.851 χ^2 /NDF: 22.2/32

All: -8.897 $\pm$ 9.978 χ^2 /NDF: 91.5/65

- sign -53.834 $\pm$ 14.387 χ^2 /NDF: 50.5/32

dit_asym_sam_1357_avg_rms vs Slug



Right In: 139.921 $\pm$ 0.045 χ^2/NDF : 194921.2/7

Left Out: 58.793 $\pm$ 0.010 χ^2/NDF : 1460561.7/24

Right Out: 146.375 $\pm$ 0.042 χ^2/NDF : 698479.7/9

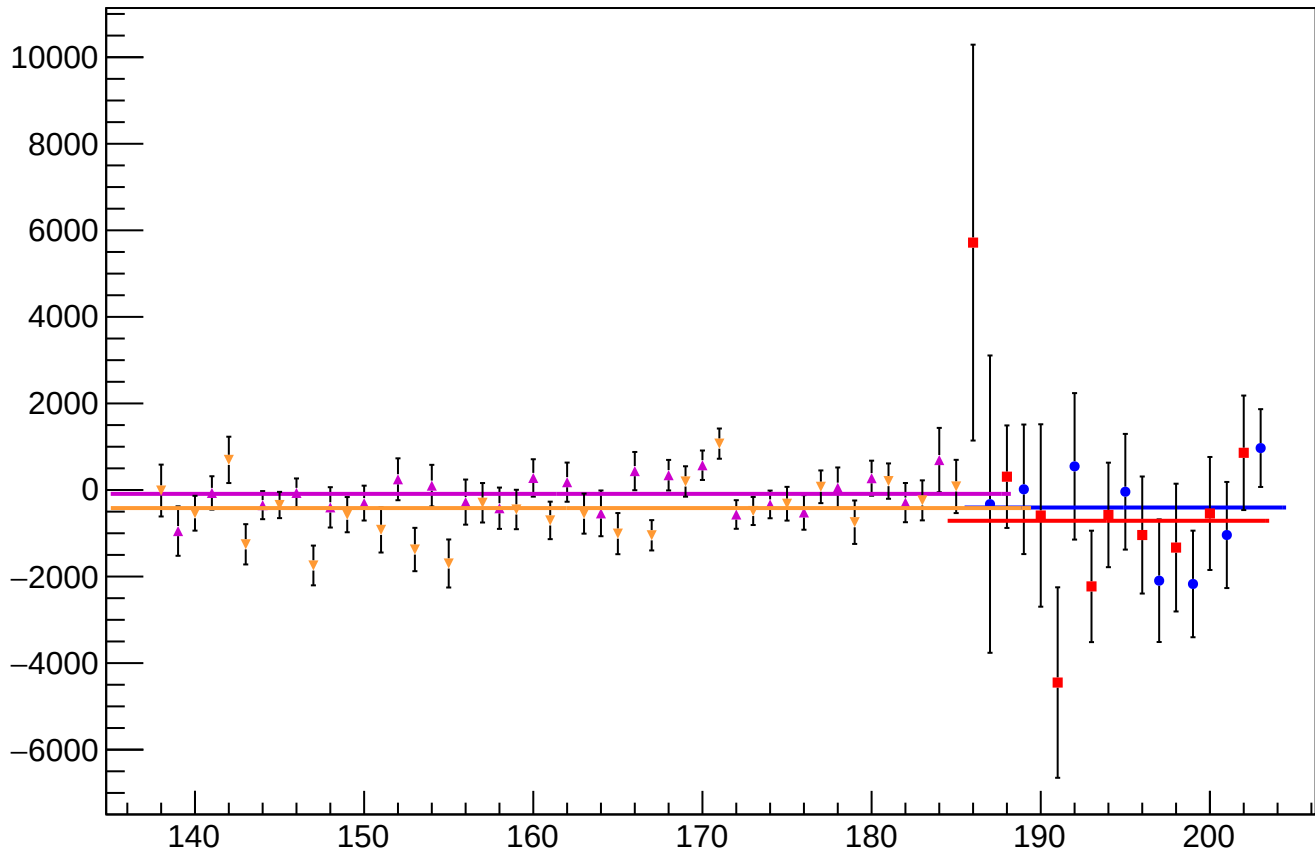
Left In: 60.355 $\pm$ 0.010 χ^2/NDF : 1217671.4/22

+ sign 62.690 $\pm$ 0.010 χ^2/NDF : 4792408.3/32

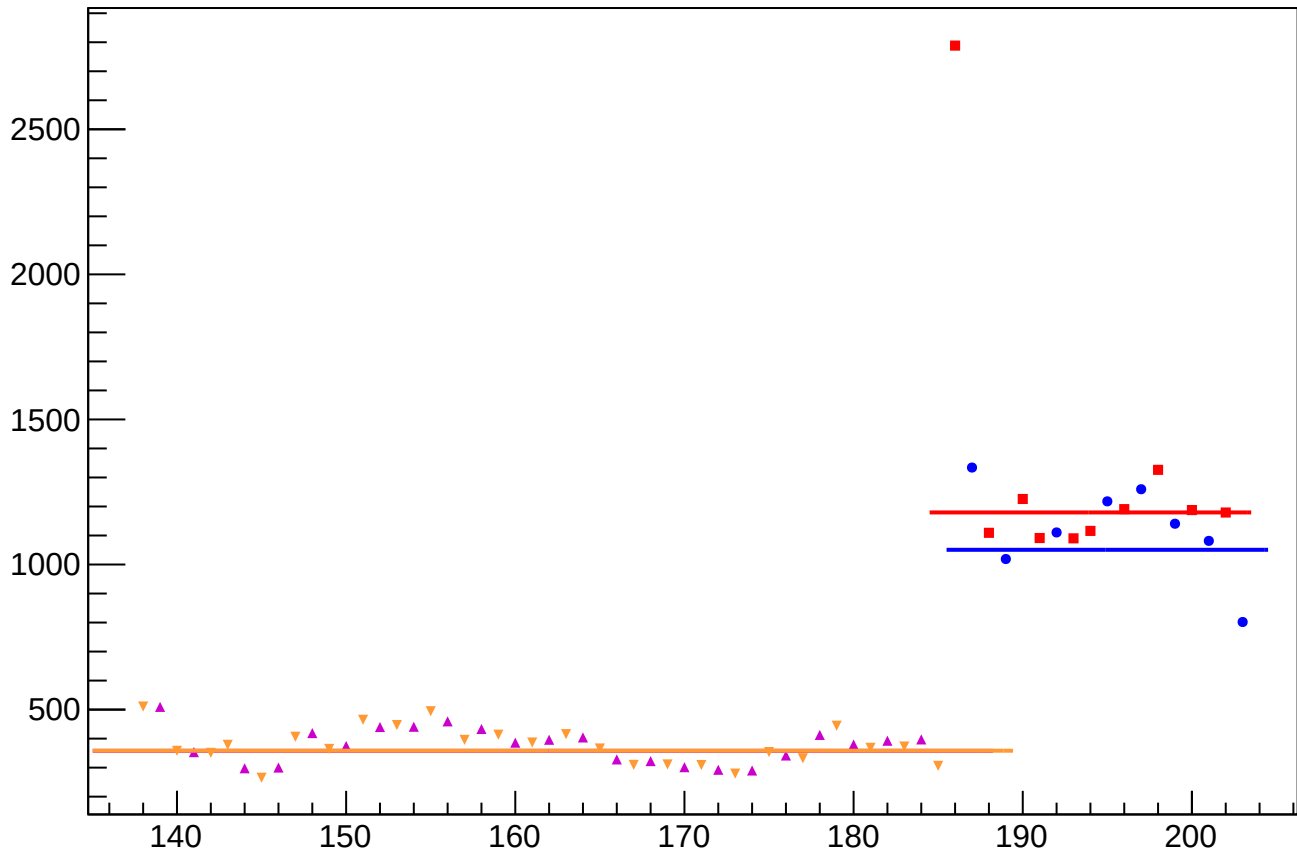
All: 64.049 $\pm$ 0.007 χ^2/NDF : 10779866.1/65

- sign 65.515 $\pm$ 0.010 χ^2/NDF : 5947435.7/32

asym_sam_1357_avg_correction_mean vs Slug



asym_sam_1357_avg_correction_rms vs Slug



Right In: 1050.739+/-0.333 χ^2/NDF : 256825.3/7

Left Out: 358.349+/-0.060 χ^2/NDF : 1011872.8/24

Right Out: 1179.487+/-0.328 χ^2/NDF : 293867.8/9

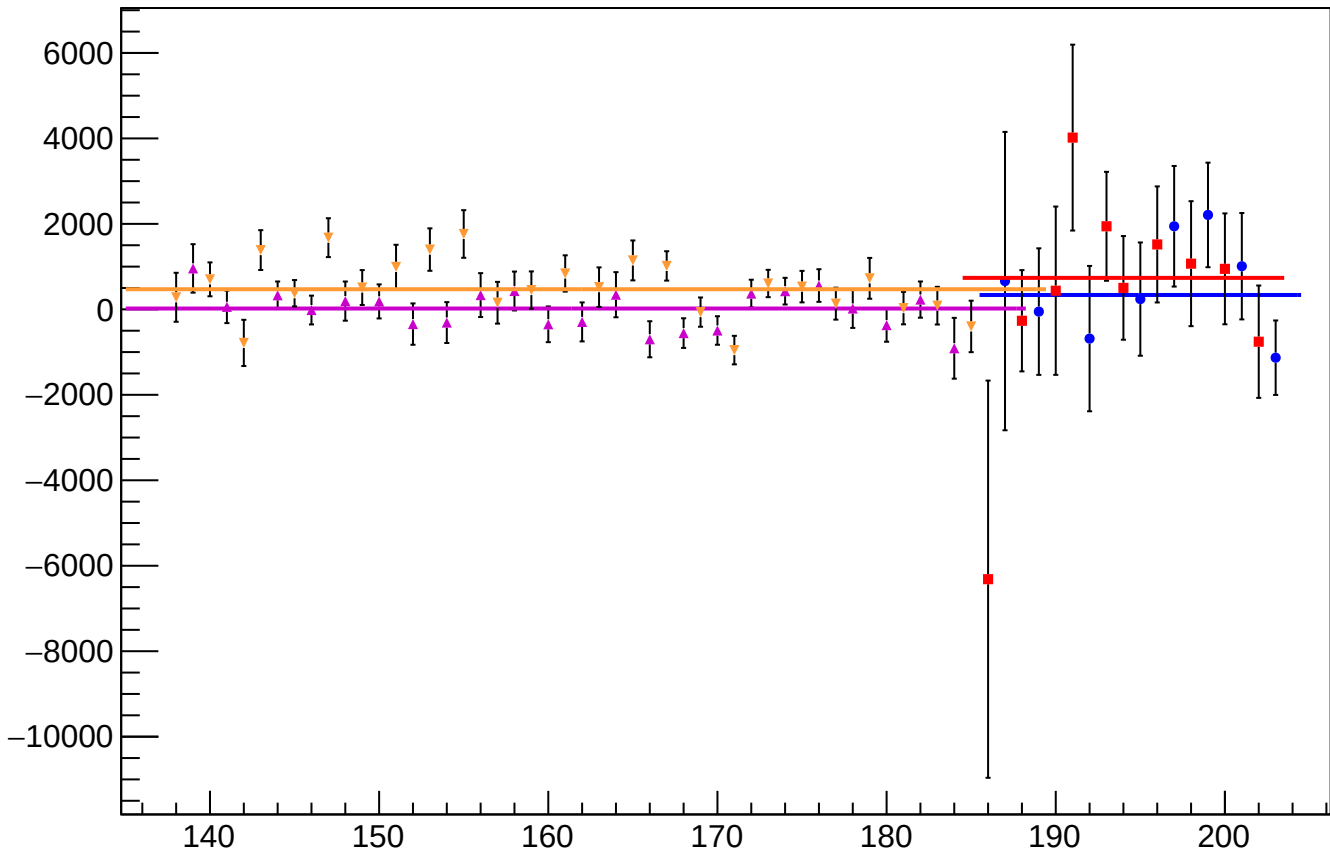
Left In: 357.802+/-0.061 χ^2/NDF : 893330.5/22

+ sign 380.140+/-0.059 χ^2/NDF : 5448311.5/32

All: 382.710+/-0.042 χ^2/NDF : 12701688.2/65

- sign 385.364+/-0.060 χ^2/NDF : 7249536.9/32

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: 736.616 ± 460.962 χ^2/NDF : 8.0/9

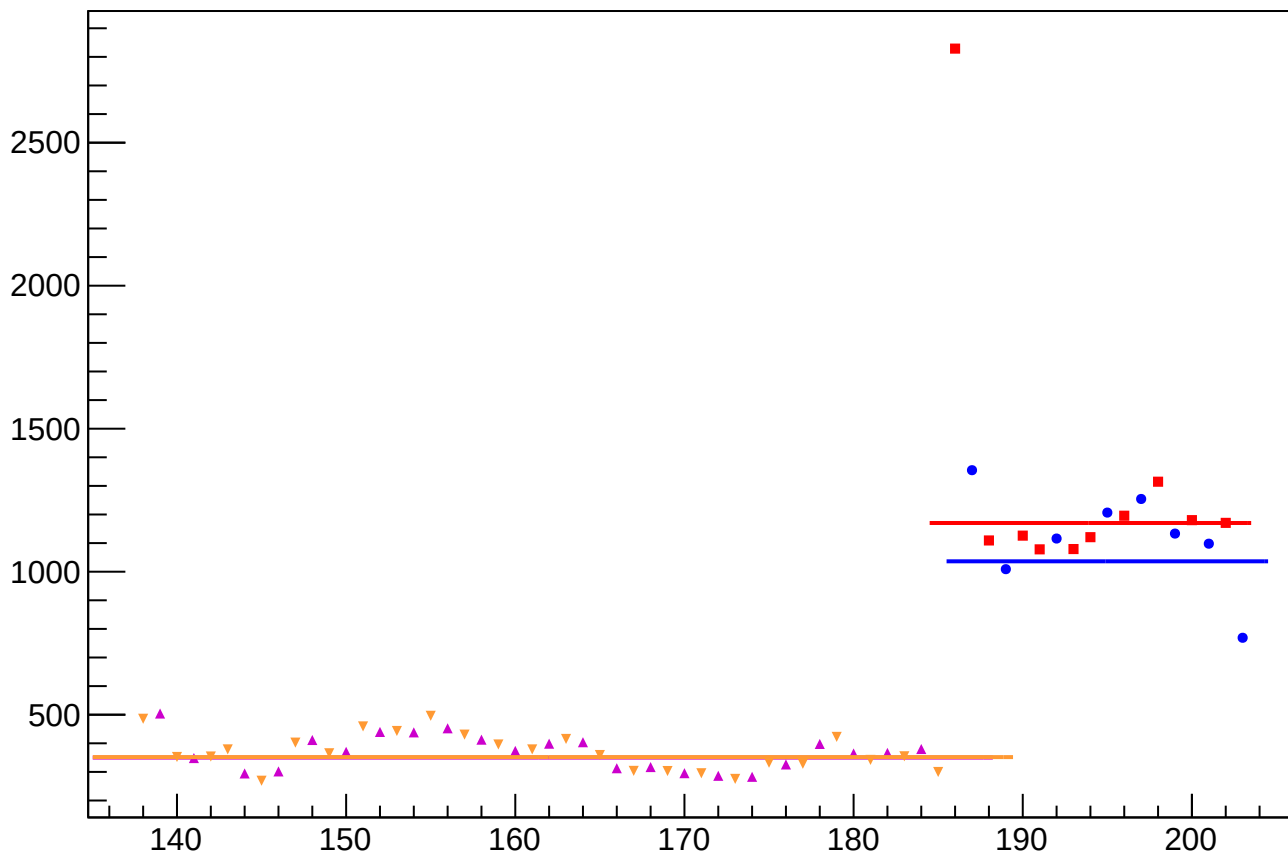
Left In: 19.328 ± 84.679 χ^2/NDF : 23.7/22

+ sign 466.642 ± 82.177 χ^2/NDF : 66.0/32

All: 257.534 ± 58.496 χ^2/NDF : 113.1/65

- sign 42.743 ± 83.286 χ^2/NDF : 34.0/32

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: 1170.321 $\pm$ 0.326 χ^2 /NDF: 298511.8/9

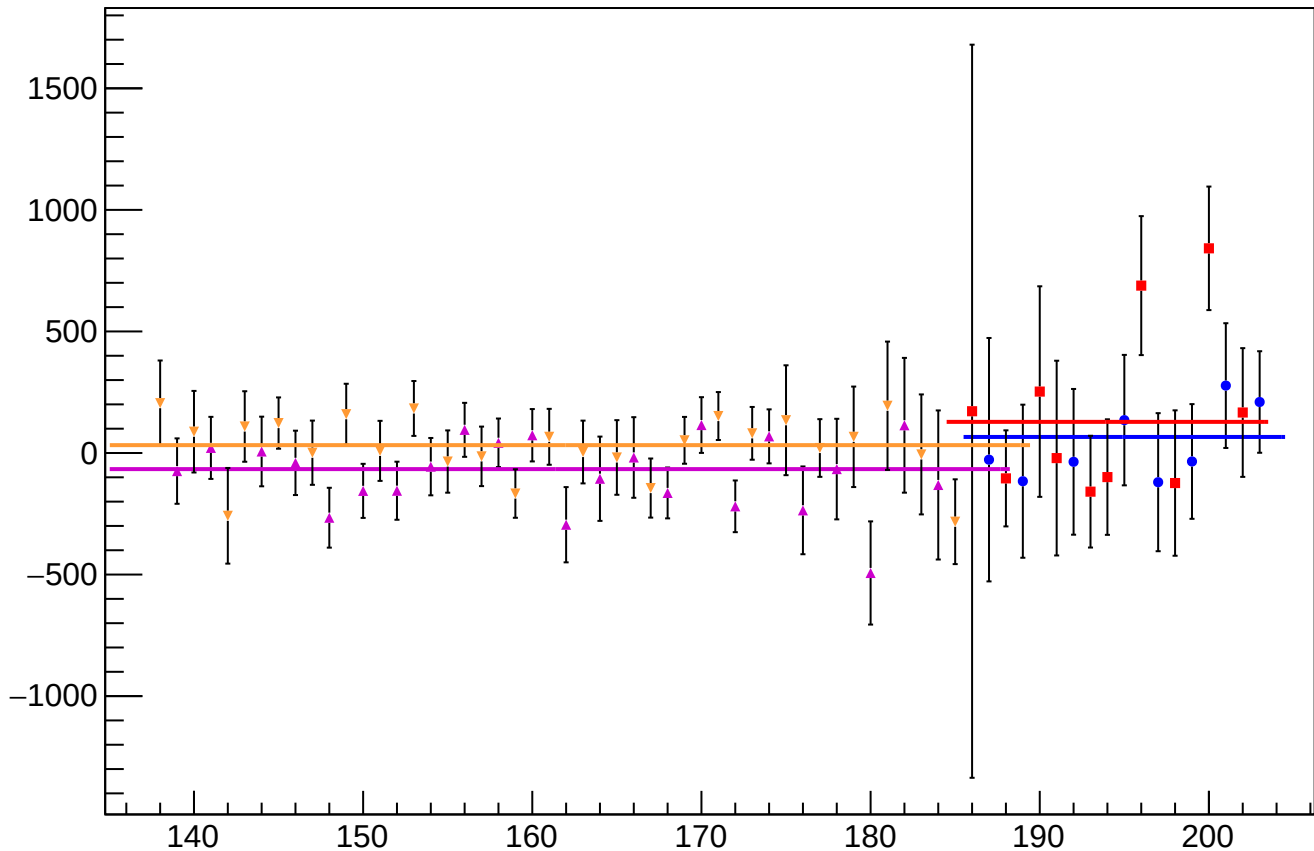
Left In: 350.037 $\pm$ 0.060 χ^2 /NDF:889435.7/22

+ sign 372.980 $\pm$ 0.058 χ^2 /NDF: 5490527.0/32

All: 374.872 $\pm$ 0.041 χ^2 /NDF: 12807151.8/65

- sign 376.815 $\pm$ 0.059 χ^2 /NDF: 7314476.4/32

dit_asym_sam_2468_avg_mean vs Slug



Right In: 66.010 $\pm$ 96.403 χ^2 /NDF: 2.3/7

Left Out: 32.332 $\pm$ 26.320 χ^2 /NDF: 19.6/24

Right Out: 128.072 $\pm$ 88.580 χ^2 /NDF: 16.5/9

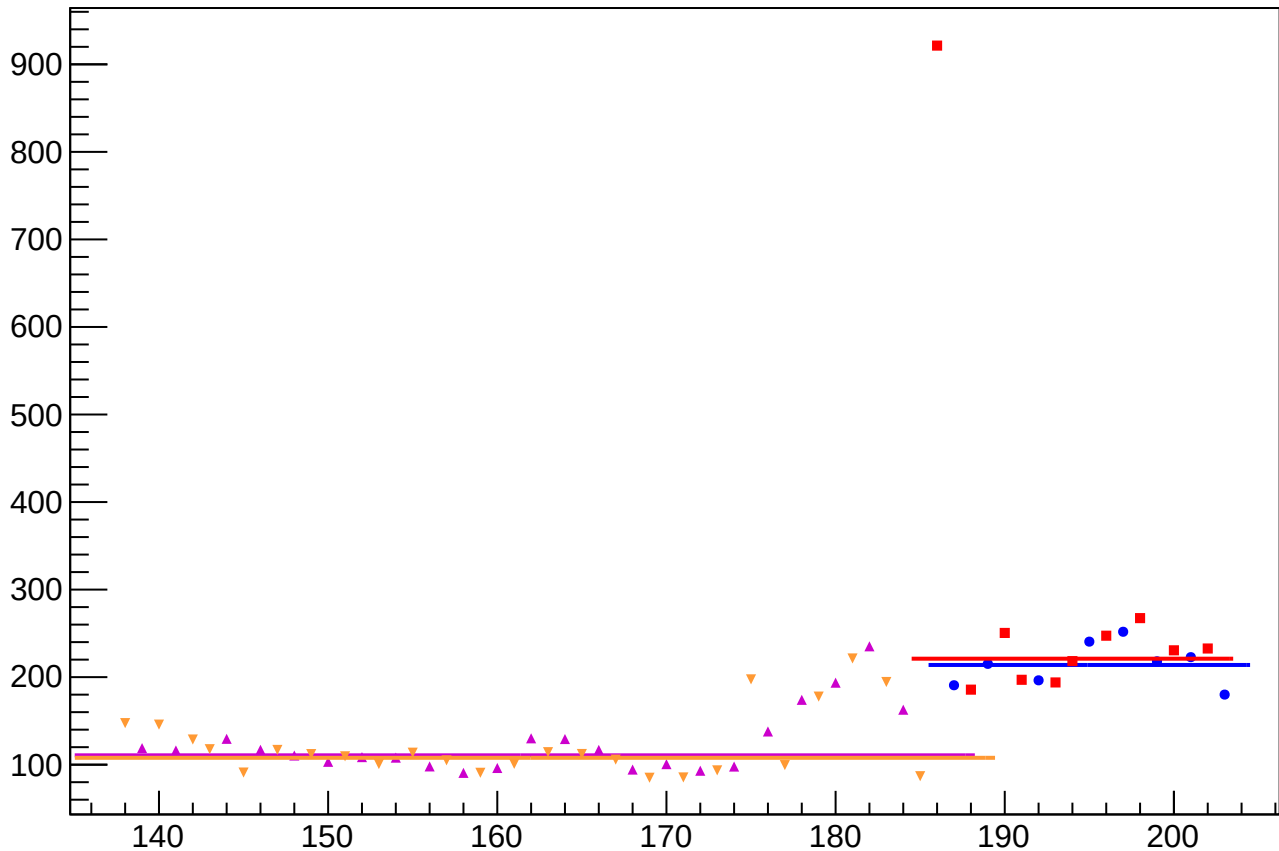
Left In: -66.254 $\pm$ 27.450 χ^2 /NDF: 24.2/22

+ sign 34.668 $\pm$ 25.391 χ^2 /NDF: 22.0/32

All: -5.932 $\pm$ 18.240 χ^2 /NDF: 72.4/65

- sign -49.228 $\pm$ 26.220 χ^2 /NDF: 45.2/32

dit_asym_sam_2468_avg_rms vs Slug



Right In: 213.908 $\pm$ 0.068 χ^2 /NDF: 122166.7/7

Left Out: 107.852 $\pm$ 0.019 χ^2 /NDF: 1833747.9/24

Right Out: 221.077 $\pm$ 0.063 χ^2 /NDF: 611760.1/9

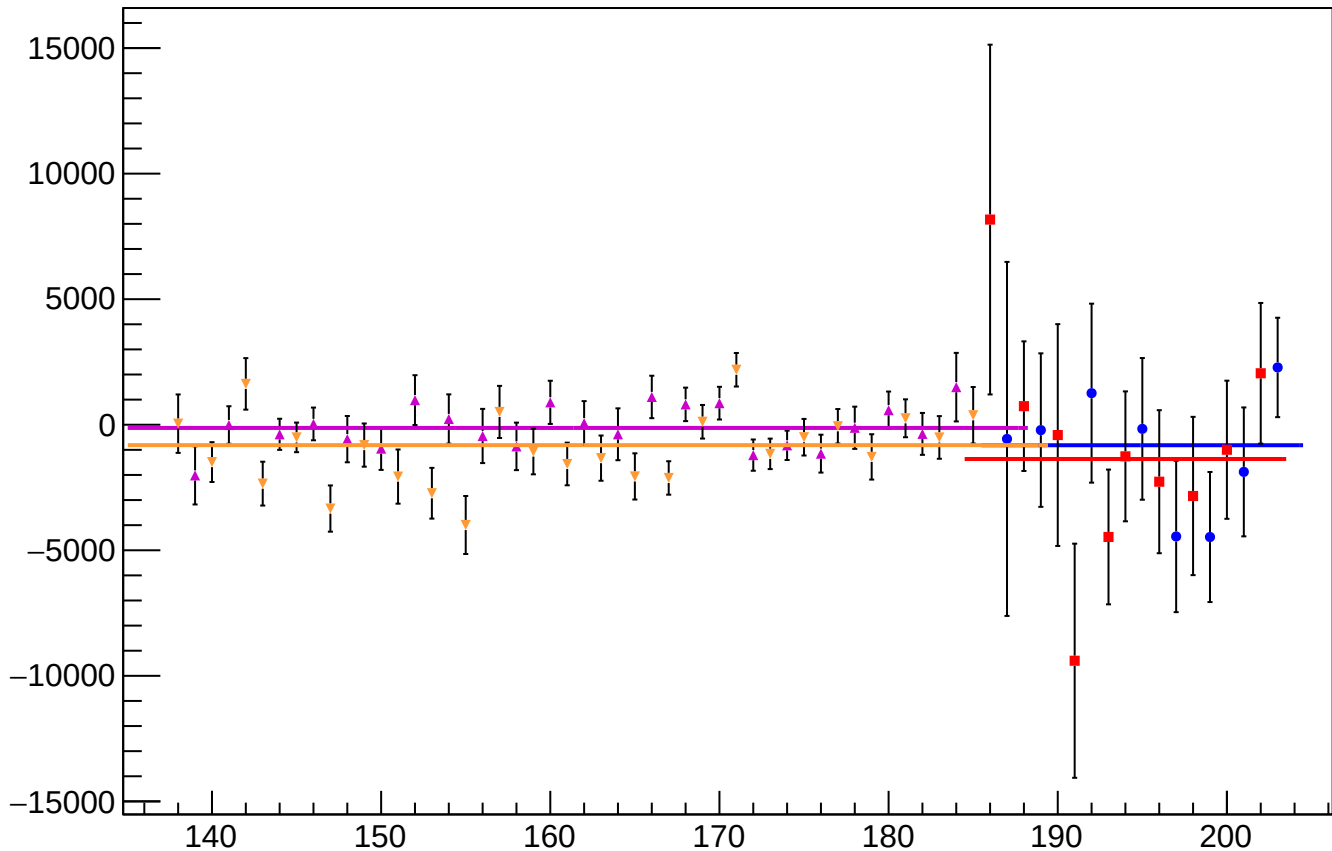
Left In: 110.691 $\pm$ 0.019 χ^2 /NDF: 1406587.3/22

+ sign 115.209 $\pm$ 0.018 χ^2 /NDF: 4208559.5/32

All: 117.703 $\pm$ 0.013 χ^2 /NDF: 9100565.7/65

- sign 120.363 $\pm$ 0.019 χ^2 /NDF: 4852132.5/32

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: -1364.272 ± 980.710 χ^2/NDF : 8.7/9

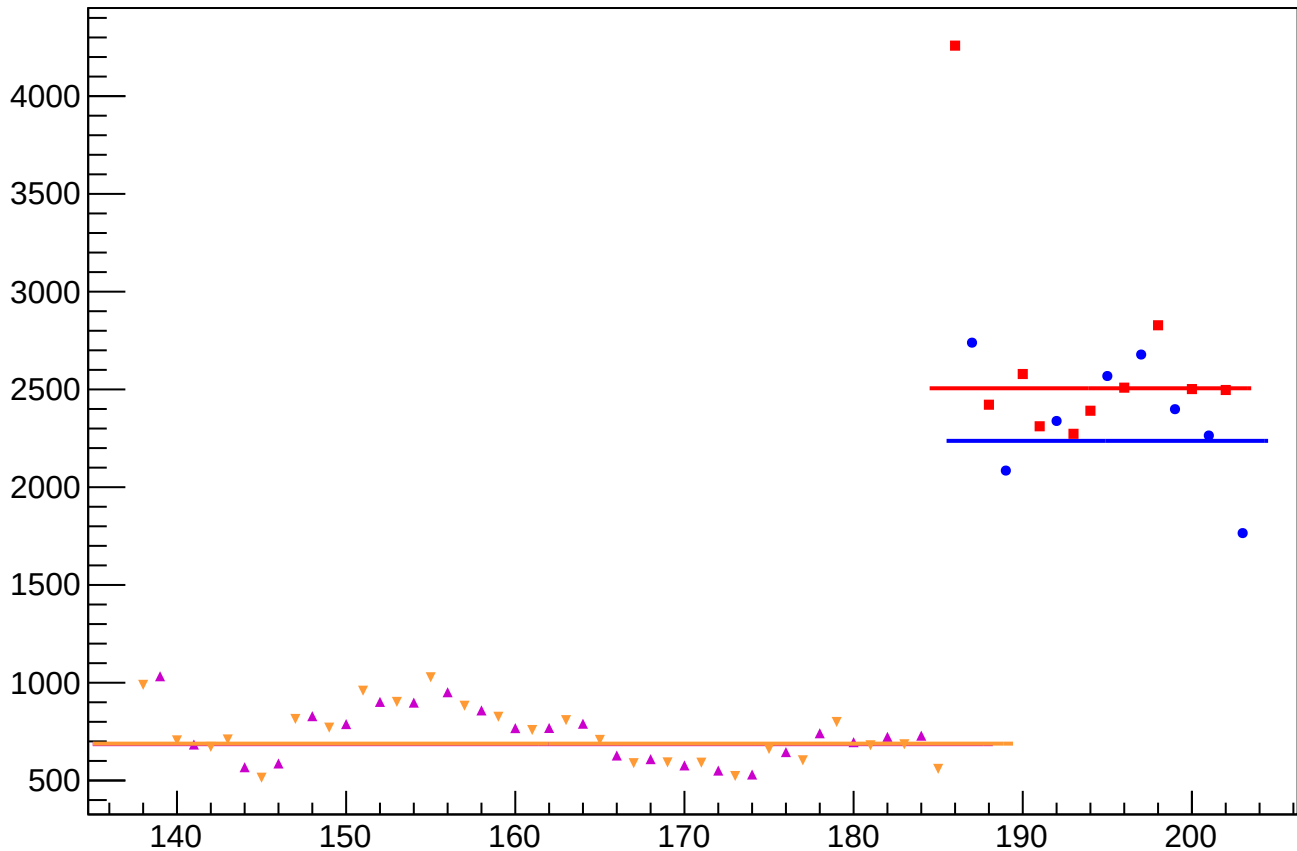
Left In: -127.427 ± 166.308 χ^2/NDF : 22.8/22

+ sign -813.127 ± 161.941 χ^2/NDF : 72.7/32

All: -491.612 ± 115.219 χ^2/NDF : 113.7/65

- sign -162.001 ± 163.967 χ^2/NDF : 33.0/32

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2236.963 $\pm$ 0.708 χ^2 /NDF: 208879.9/7

Left Out: 688.513 $\pm$ 0.116 χ^2 /NDF: 1287701.8/24

Right Out: 2505.861 $\pm$ 0.693 χ^2 /NDF: 172655.1/9

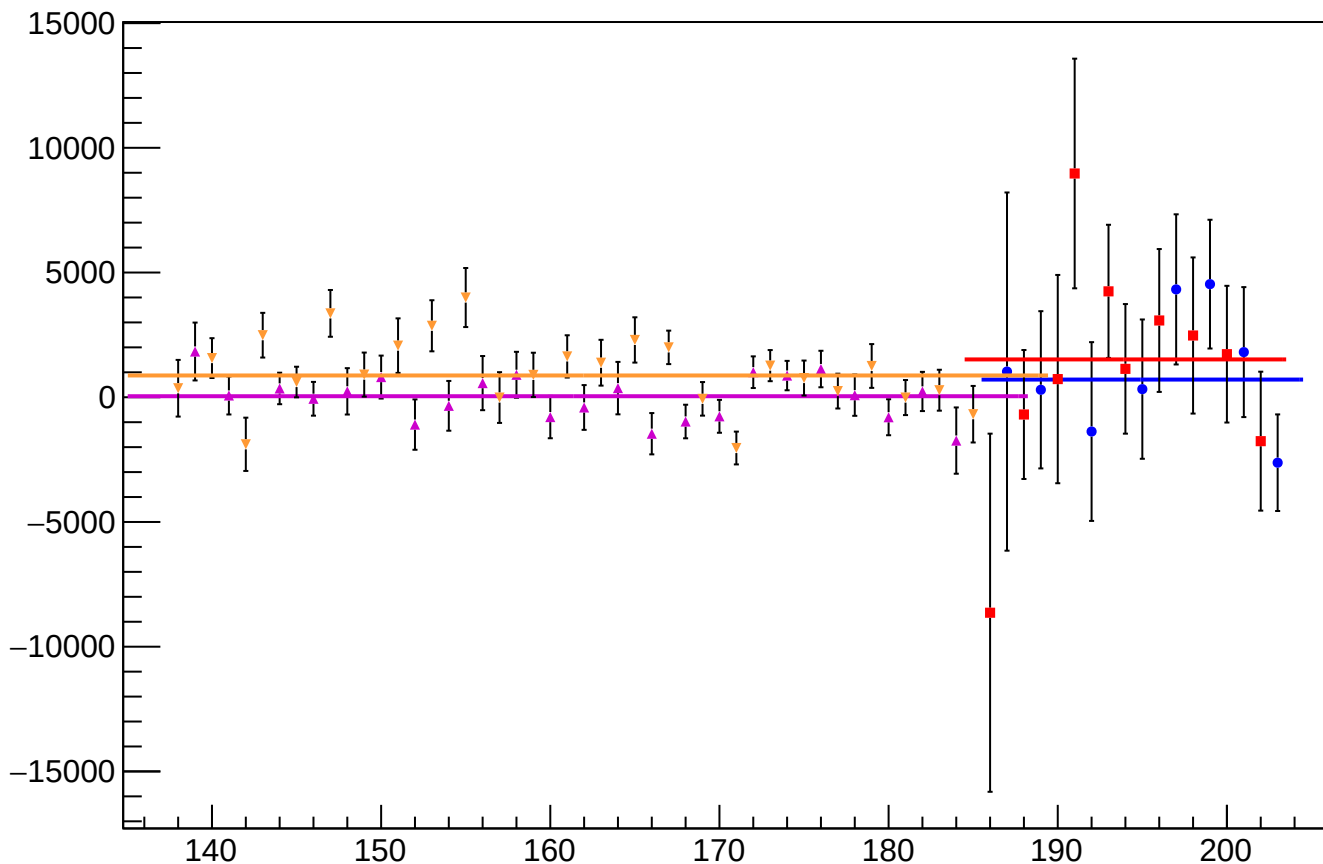
Left In: 685.733 $\pm$ 0.118 χ^2 /NDF: 1156263.7/22

+ sign 729.022 $\pm$ 0.115 χ^2 /NDF: 6155223.3/32

All: 732.770 $\pm$ 0.081 χ^2 /NDF: 14182676.3/65

- sign 736.612 $\pm$ 0.116 χ^2 /NDF: 8025283.8/32

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: 1516.514 $\pm$ 976.707 χ^2 /NDF: 8.2/9

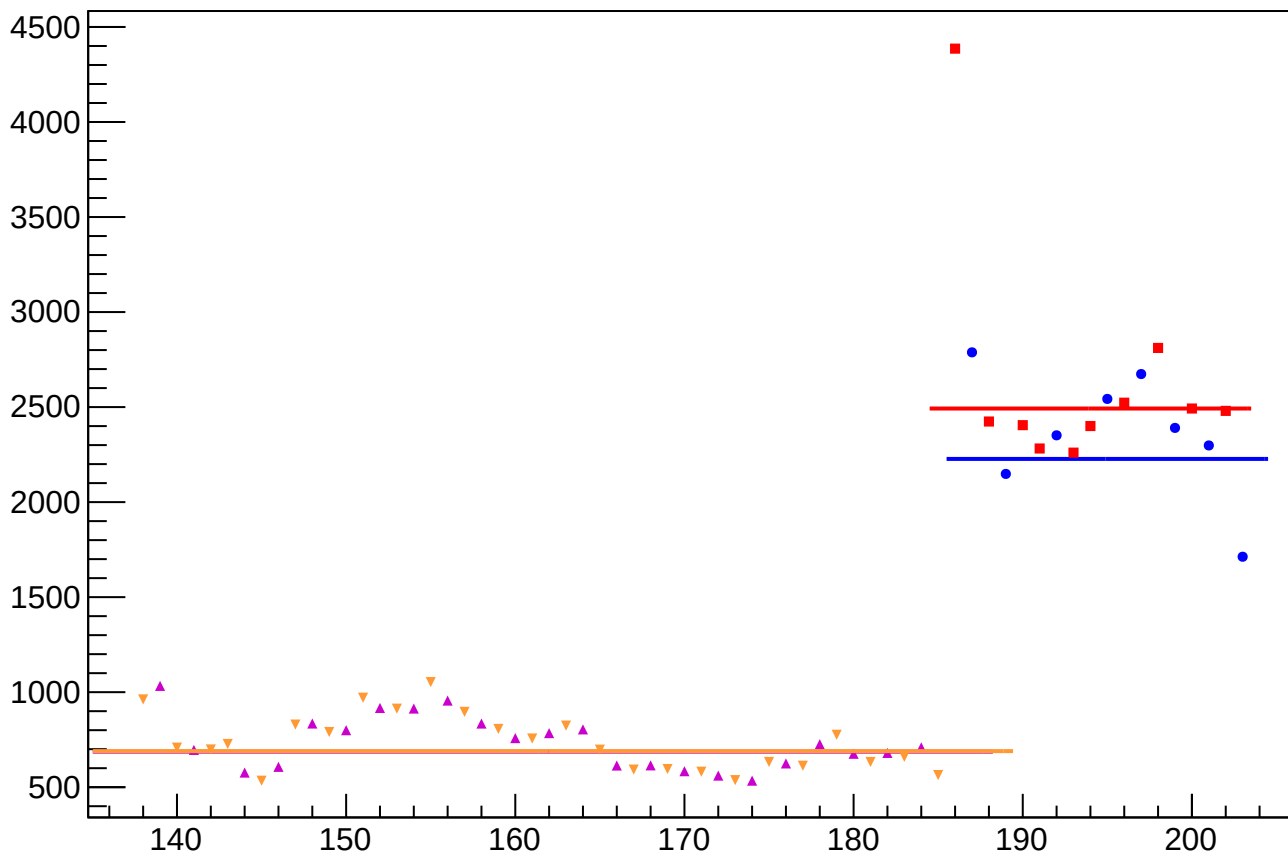
Left In: 41.522 $\pm$ 166.728 χ^2 /NDF: 24.1/22

+ sign 869.122 $\pm$ 162.094 χ^2 /NDF: 71.3/32

All: 481.634 $\pm$ 115.407 χ^2 /NDF: 117.5/65

- sign 83.286 $\pm$ 164.350 χ^2 /NDF: 34.6/32

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: 2492.456 ± 0.691 χ^2/NDF : 184270.8/9

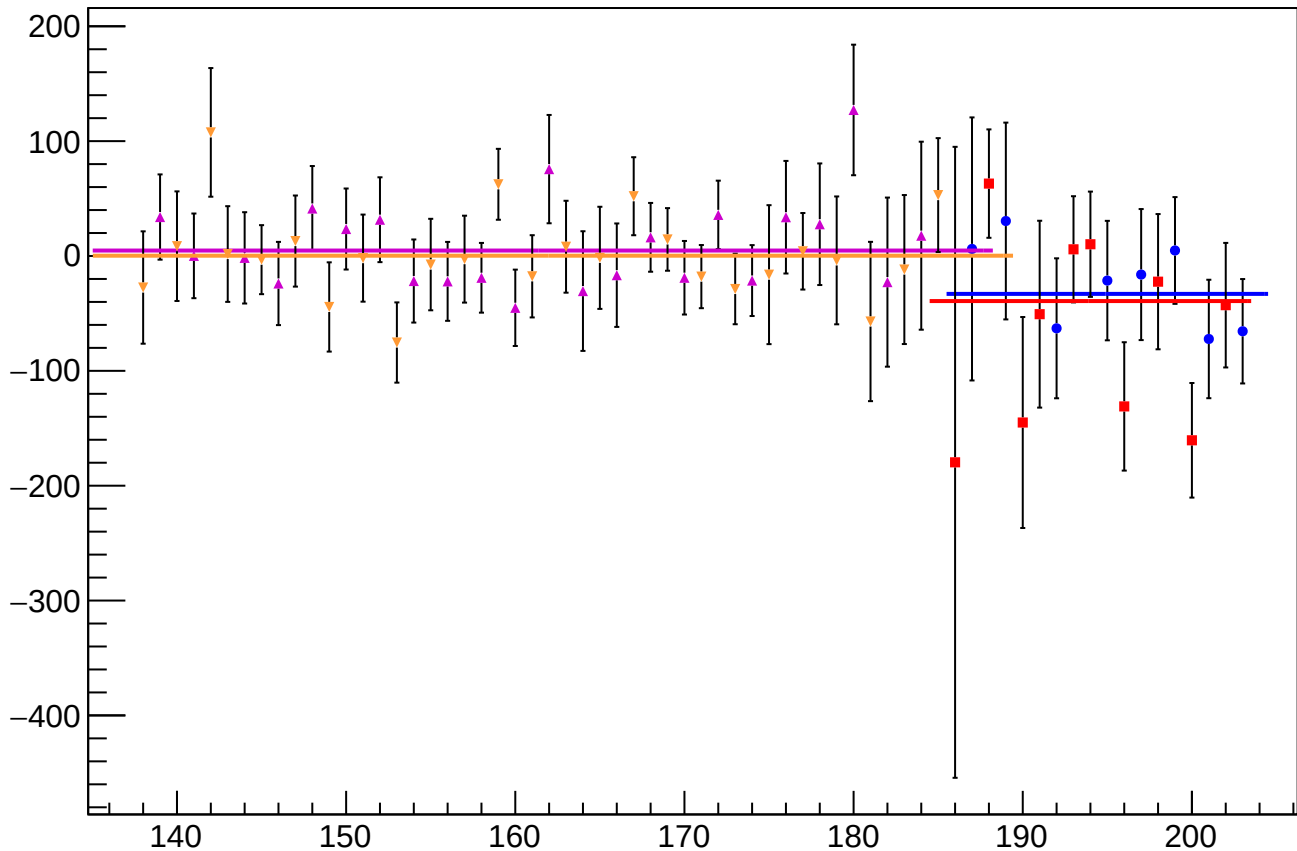
Left In: 686.944 ± 0.118 χ^2/NDF : 1116042.4/22

+ sign 730.199 ± 0.115 χ^2/NDF : 6102520.4/32

All: 734.078 ± 0.082 χ^2/NDF : 14046066.2/65

- sign 738.066 ± 0.116 χ^2/NDF : 7941223.0/32

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: -39.248 ± 18.178 χ^2/NDF : 17.1/9

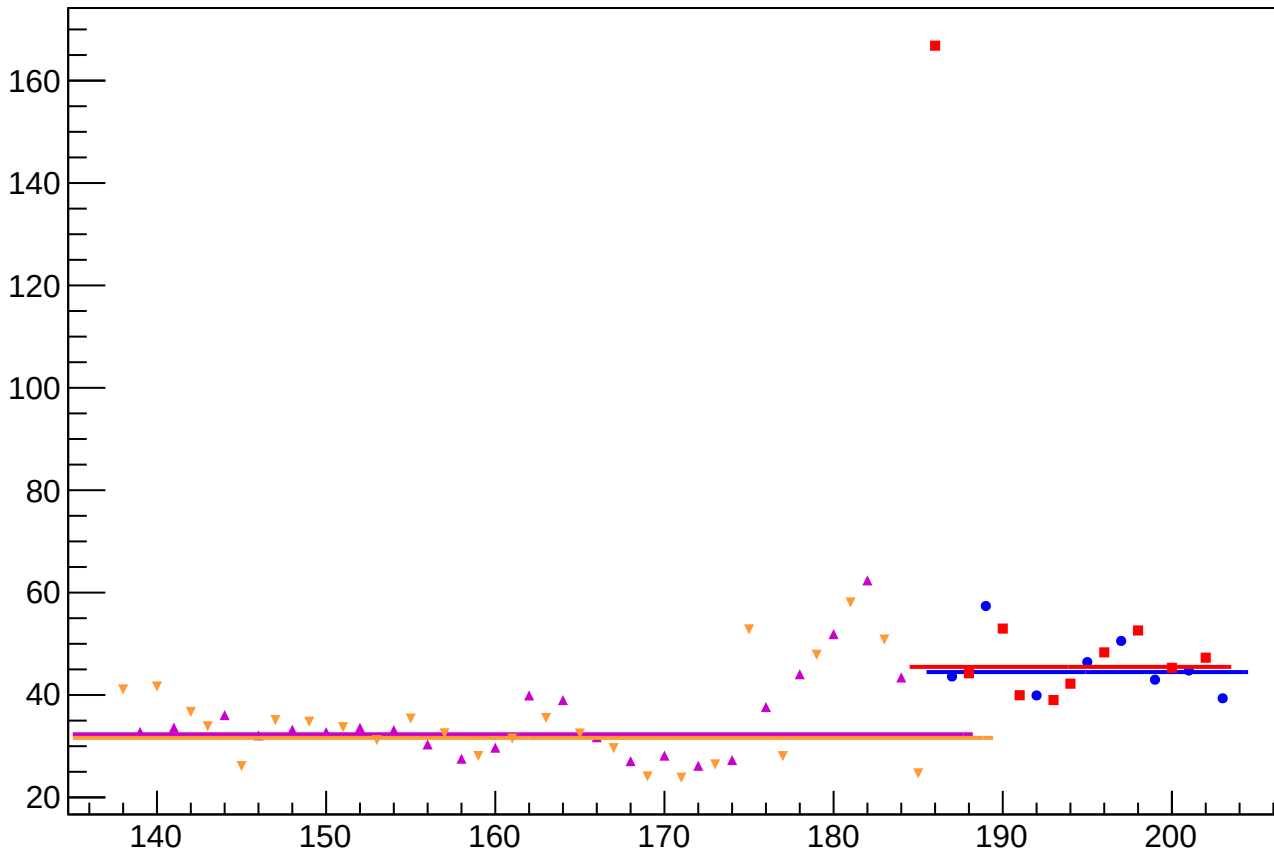
Left In: 4.745 ± 7.976 χ^2/NDF : 17.9/22

+ sign -4.002 ± 7.181 χ^2/NDF : 25.6/32

All: -3.193 ± 5.121 χ^2/NDF : 65.5/65

- sign -2.357 ± 7.304 χ^2/NDF : 39.9/32

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: 45.493 $\pm$ 0.013 χ^2 /NDF: 500245.7/9

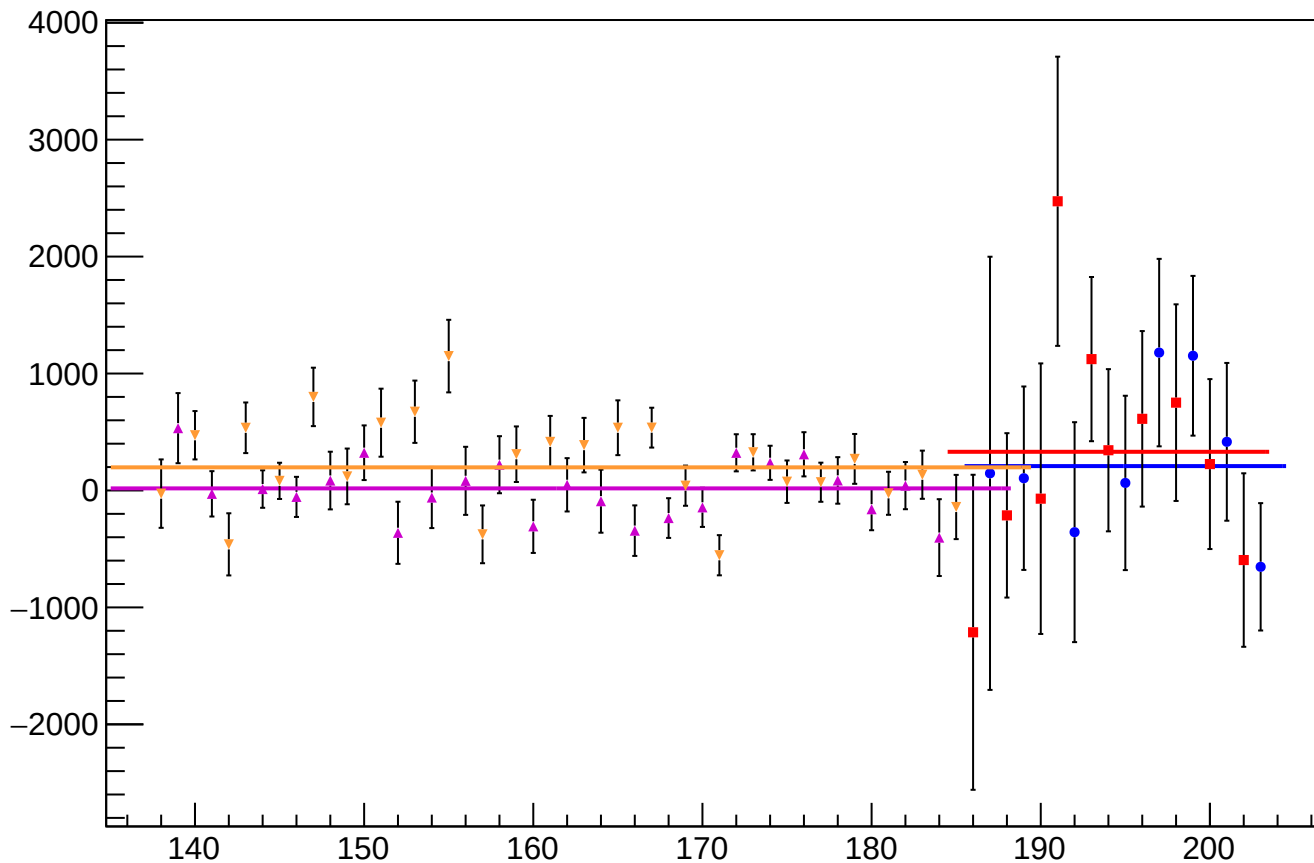
Left In: 32.331 $\pm$ 0.006 χ^2 /NDF: 1141501.0/22

+ sign 33.270 $\pm$ 0.005 χ^2 /NDF: 2498400.9/32

All: 33.853 $\pm$ 0.004 χ^2 /NDF: 5046223.9/65

- sign 34.456 $\pm$ 0.005 χ^2 /NDF: 2520991.7/32

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: 330.669 $\pm$ 258.326 χ^2 /NDF: 8.3/9

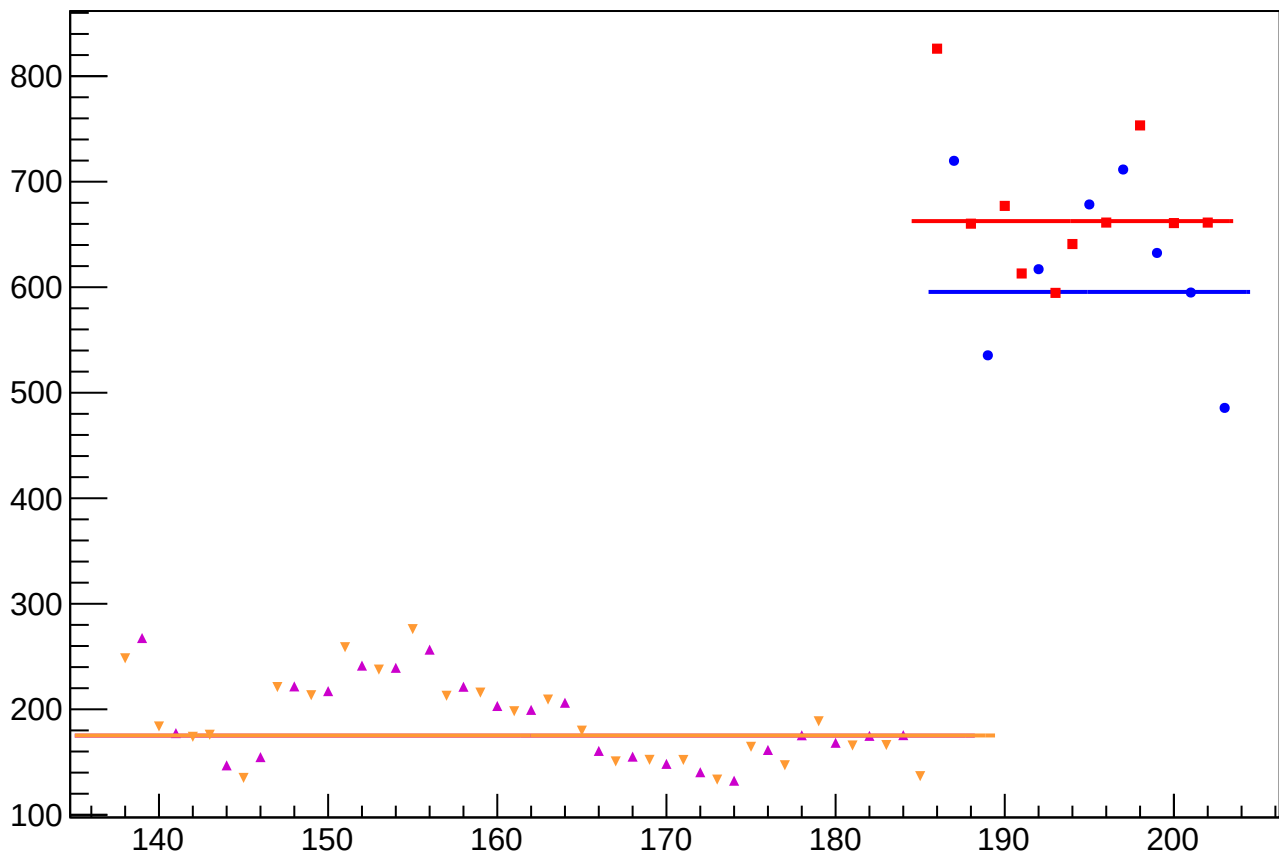
Left In: 17.742 $\pm$ 42.576 χ^2 /NDF:27.1/22

+ sign 197.941 $\pm$ 41.324 χ^2 /NDF: 76.3/32

All: 113.393 $\pm$ 29.460 χ^2 /NDF: 121.6/65

- sign 26.017 $\pm$ 42.009 χ^2 /NDF: 36.8/32

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: 662.650 $\pm$ 0.183 χ^2 /NDF: 77018.3/9

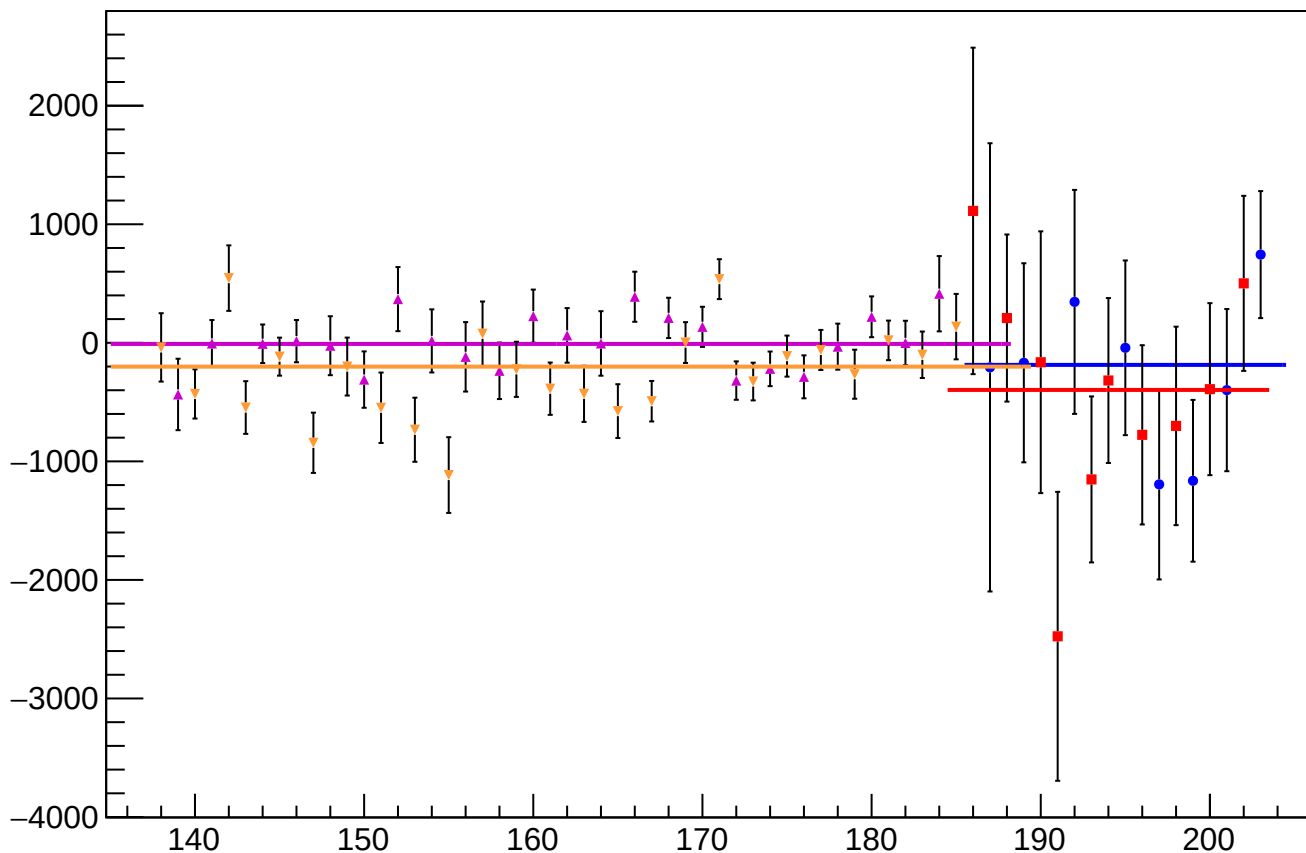
Left In: 175.051 $\pm$ 0.030 χ^2 /NDF: 1339755.1/22

+ sign 185.340 $\pm$ 0.029 χ^2 /NDF: 6461854.5/32

All: 186.621 $\pm$ 0.021 χ^2 /NDF: 14819660.1/65

- sign 187.946 $\pm$ 0.030 χ^2 /NDF: 8353895.2/32

asym_sam_1357_2468_dd_mean vs Slug



Right In: -186.163 ± 267.395 $\chi^2/\text{NDF}: 7.1/7$

Left Out: -200.930 ± 41.741 $\chi^2/\text{NDF}: 65.5/24$

Right Out: -397.440 ± 257.747 $\chi^2/\text{NDF}: 7.9/9$

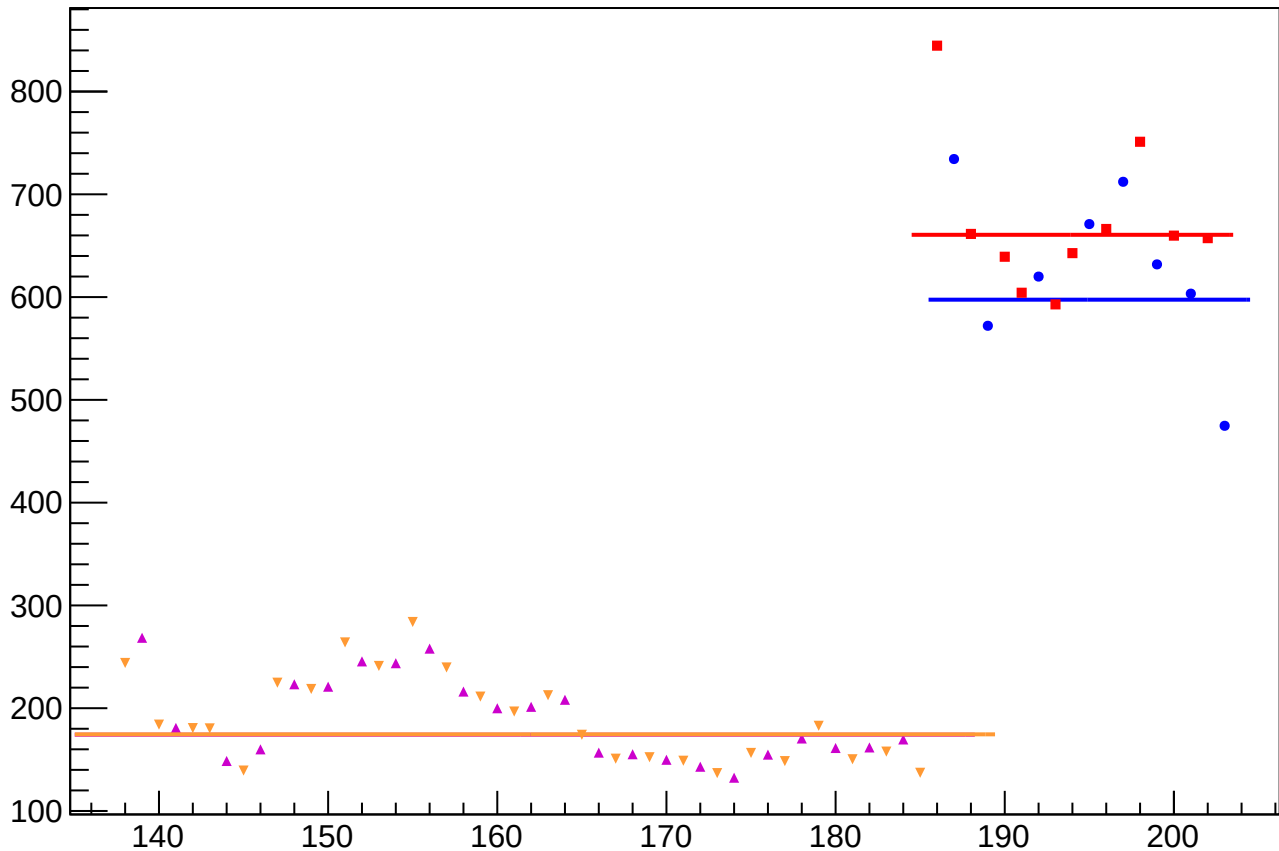
Left In: -9.384 ± 42.437 $\chi^2/\text{NDF}: 25.4/22$

+ sign -200.579 ± 41.242 $\chi^2/\text{NDF}: 72.6/32$

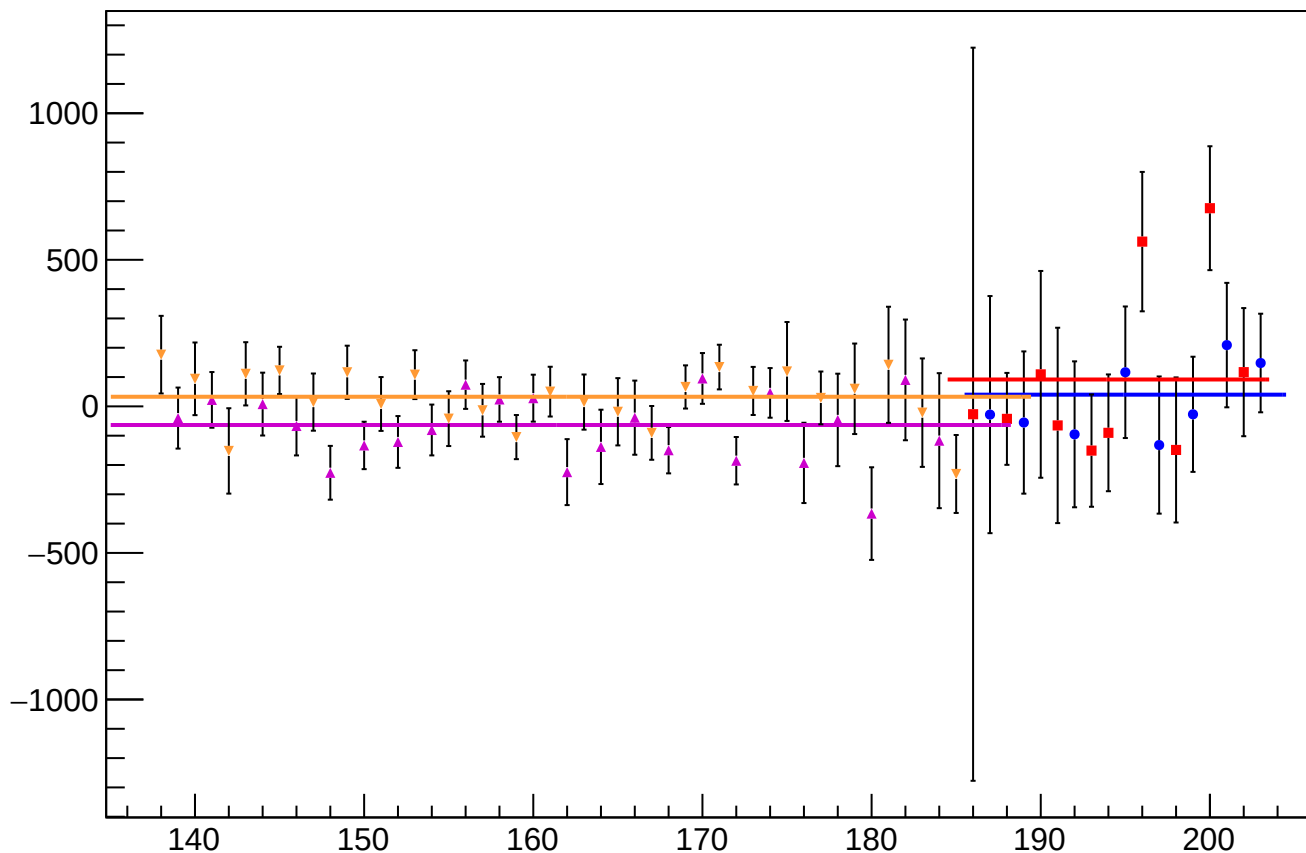
All: -111.476 ± 29.383 $\chi^2/\text{NDF}: 117.6/65$

- sign -19.626 ± 41.873 $\chi^2/\text{NDF}: 35.5/32$

asym_sam_1357_2468_dd_rms vs Slug



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: 91.692 $\pm$ 72.913 χ^2 /NDF: 15.9/9

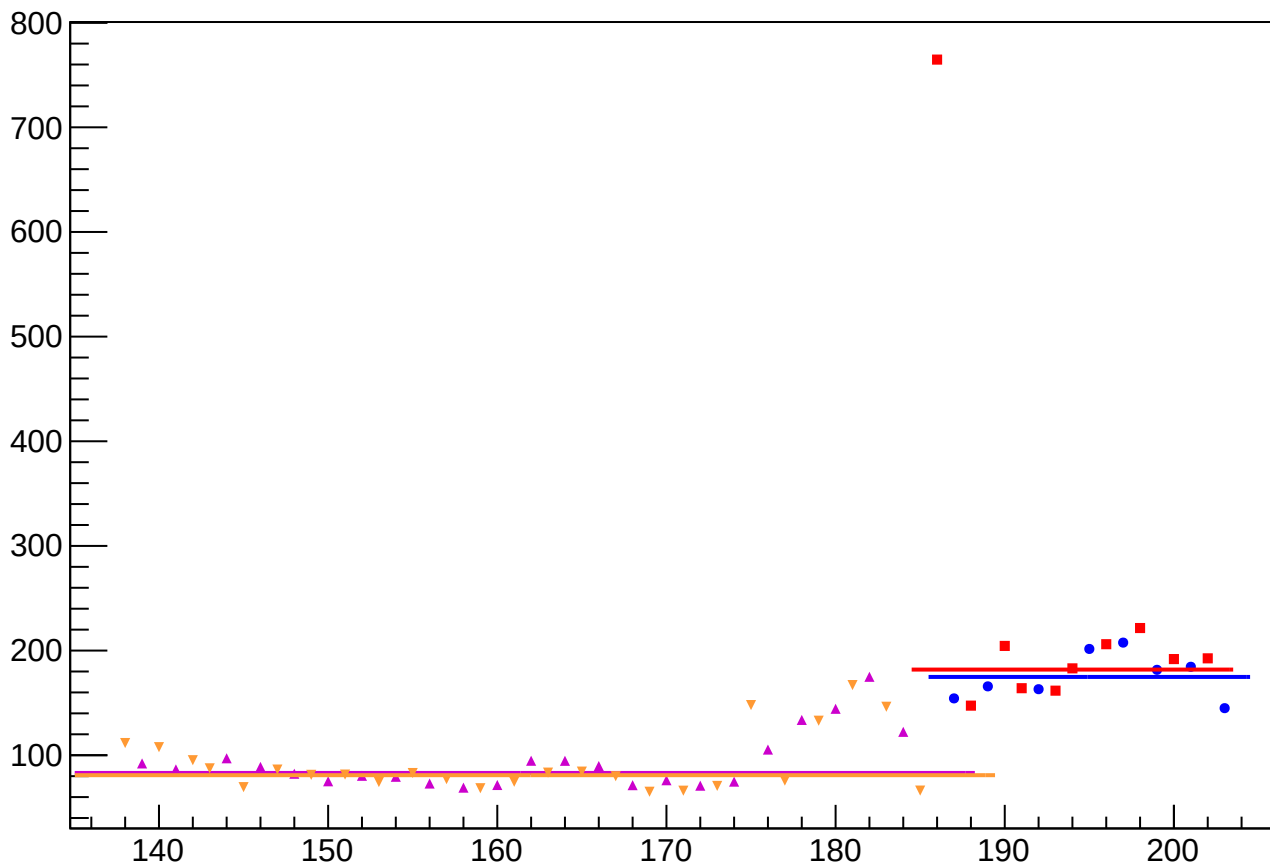
Left In: -63.566 $\pm$ 20.573 χ^2 /NDF:27.2/22

+ sign 33.213 $\pm$ 19.117 χ^2 /NDF: 21.8/32

All: -7.955 $\pm$ 13.753 χ^2 /NDF: 78.7/65

- sign -52.117 $\pm$ 19.800 χ^2 /NDF: 47.3/32

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: 181.839 $\pm$ 0.052 χ^2 /NDF: 648715.5/9

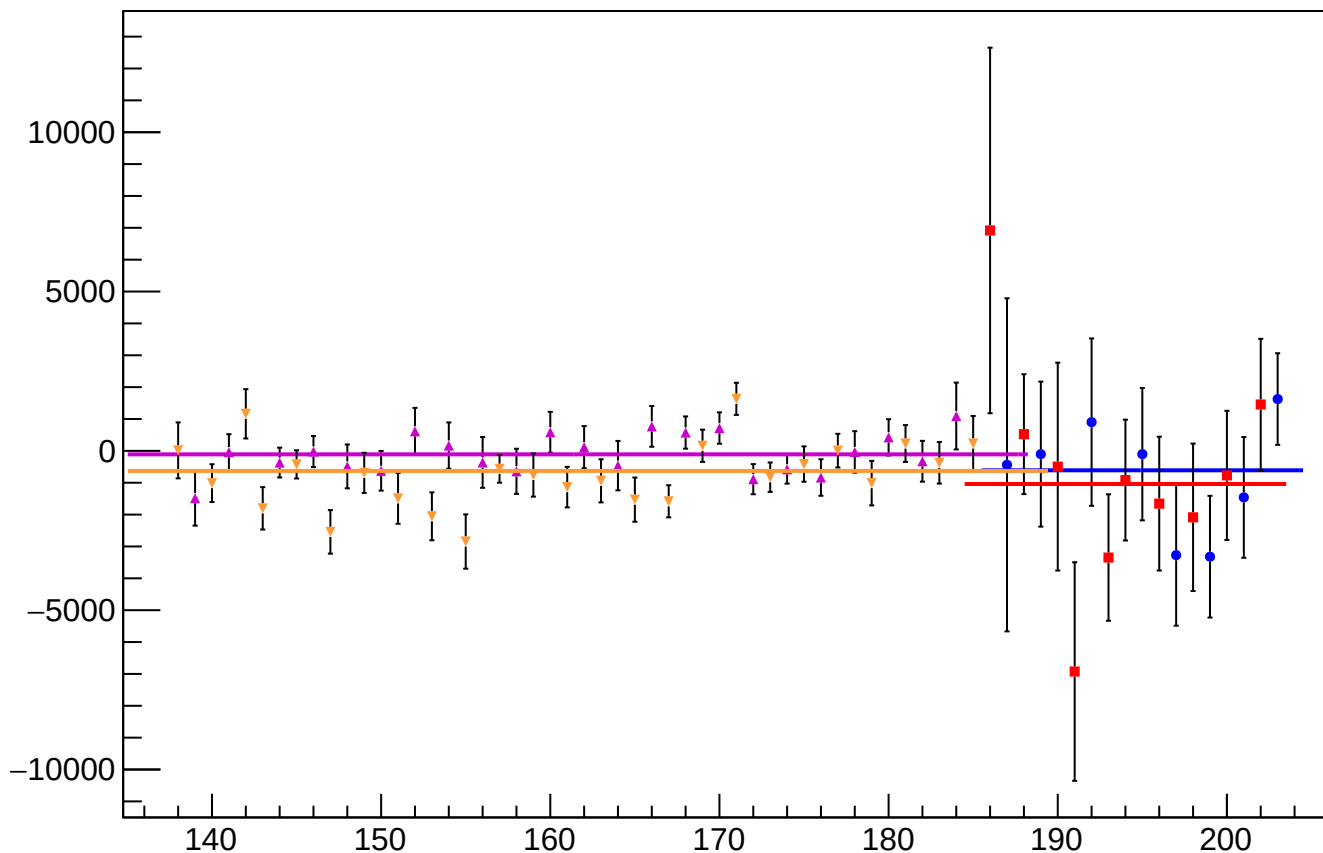
Left In: 83.071 $\pm$ 0.015 χ^2 /NDF: 1405124.8/22

+ sign 86.444 $\pm$ 0.014 χ^2 /NDF: 4578544.2/32

All: 88.331 $\pm$ 0.010 χ^2 /NDF: 10071983.1/65

- sign 90.354 $\pm$ 0.014 χ^2 /NDF: 5453077.1/32

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: -1039.408+/-722.282 χ^2/NDF : 8.7/9

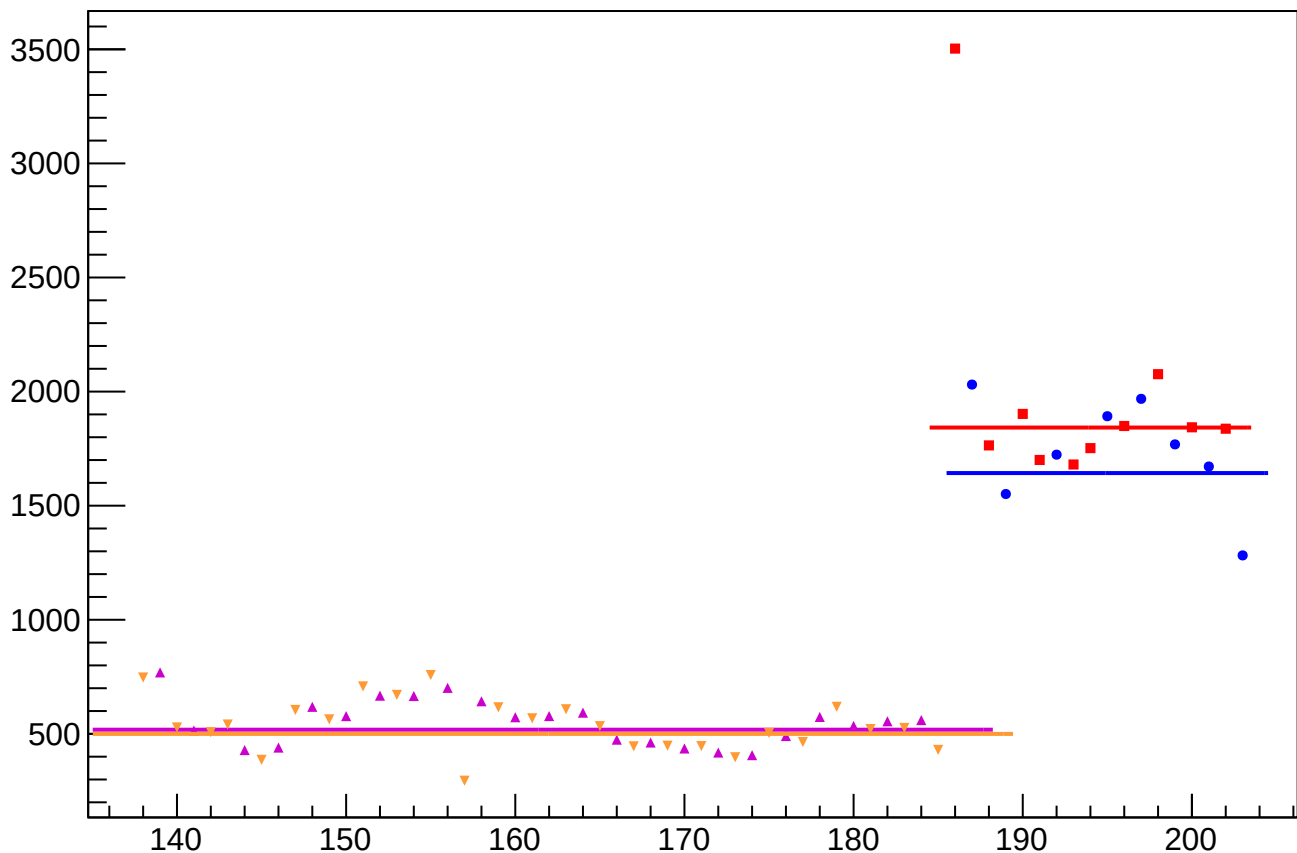
Left In: -108.821+/-125.527 χ^2/NDF : 21.4/22

+ sign -628.503+/-119.020 χ^2/NDF : 69.7/32

All: -391.742+/-85.758 χ^2/NDF : 109.7/65

- sign -136.105+/-123.673 χ^2/NDF : 31.8/32

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: 1842.409+/-0.511 χ^2/NDF : 213531.9/9

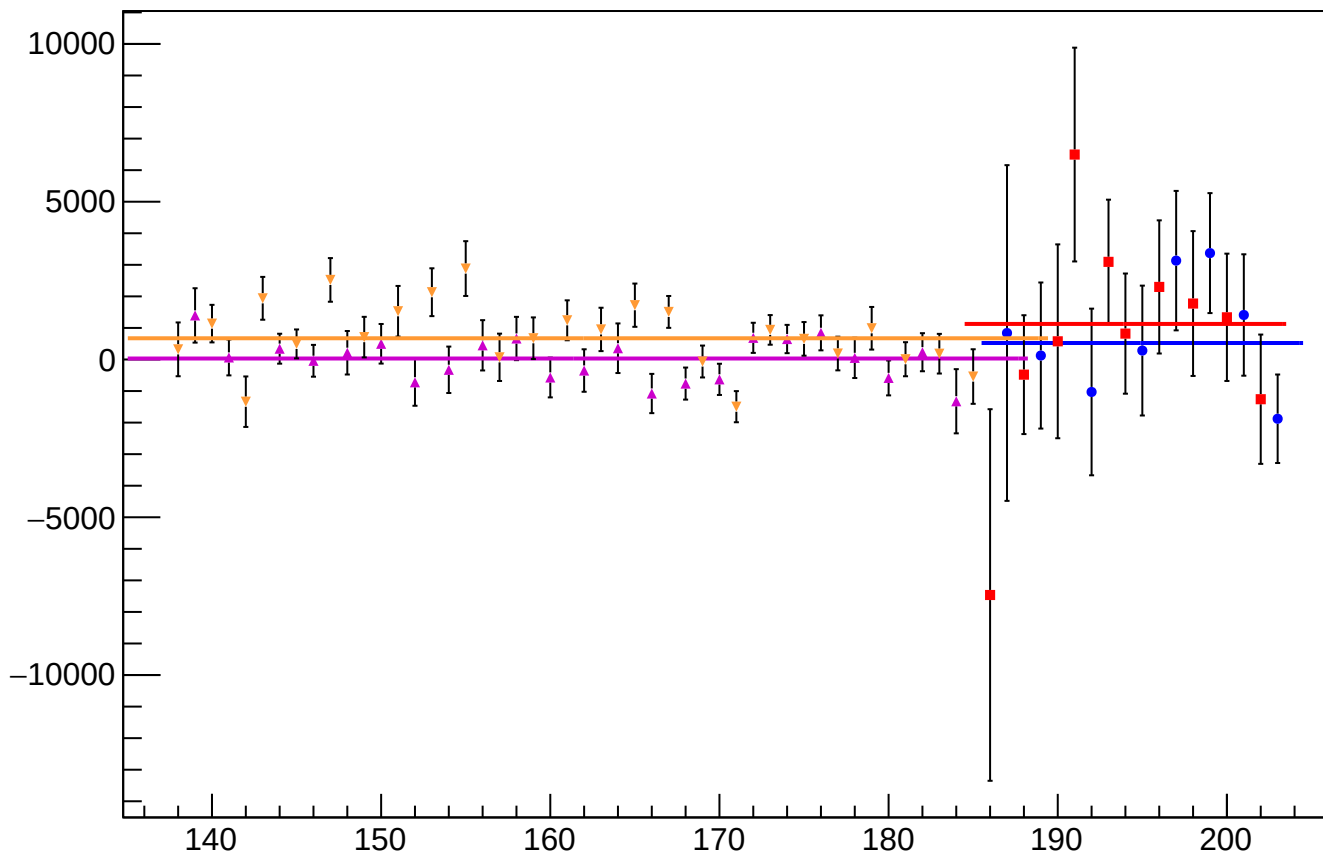
Left In: 518.244+/-0.089 χ^2/NDF :1071993.3/22

+ sign 529.720+/-0.084 χ^2/NDF : 6550268.8/32

All: 542.869+/-0.061 χ^2/NDF : 14411513.7/65

- sign 557.067+/-0.087 χ^2/NDF : 7810476.2/32

asym_sam_12345678_avg_mean vs Slug



Right In: 522.616 ± 732.857 $\chi^2/\text{NDF}: 7.2/7$

Left Out: 672.498 ± 123.428 $\chi^2/\text{NDF}: 62.8/24$

Right Out: 1126.754 ± 718.756 $\chi^2/\text{NDF}: 8.2/9$

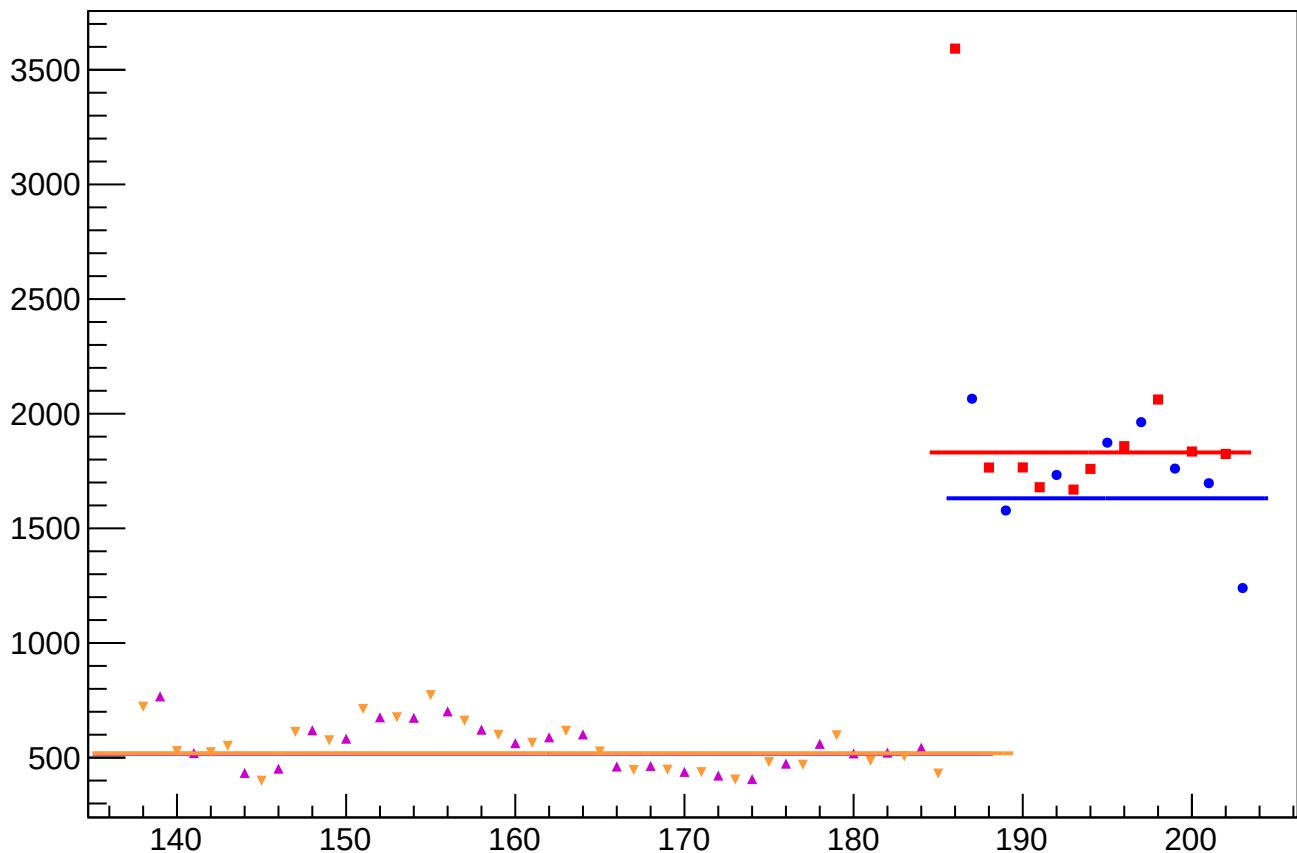
Left In: 31.056 ± 125.236 $\chi^2/\text{NDF}: 23.8/22$

+ sign 668.364 ± 121.714 $\chi^2/\text{NDF}: 70.0/32$

All: 369.960 ± 86.647 $\chi^2/\text{NDF}: 116.4/65$

- sign 63.341 ± 123.378 $\chi^2/\text{NDF}: 34.3/32$

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: 1831.041+/-0.508 χ^2/NDF : 223300.6/9

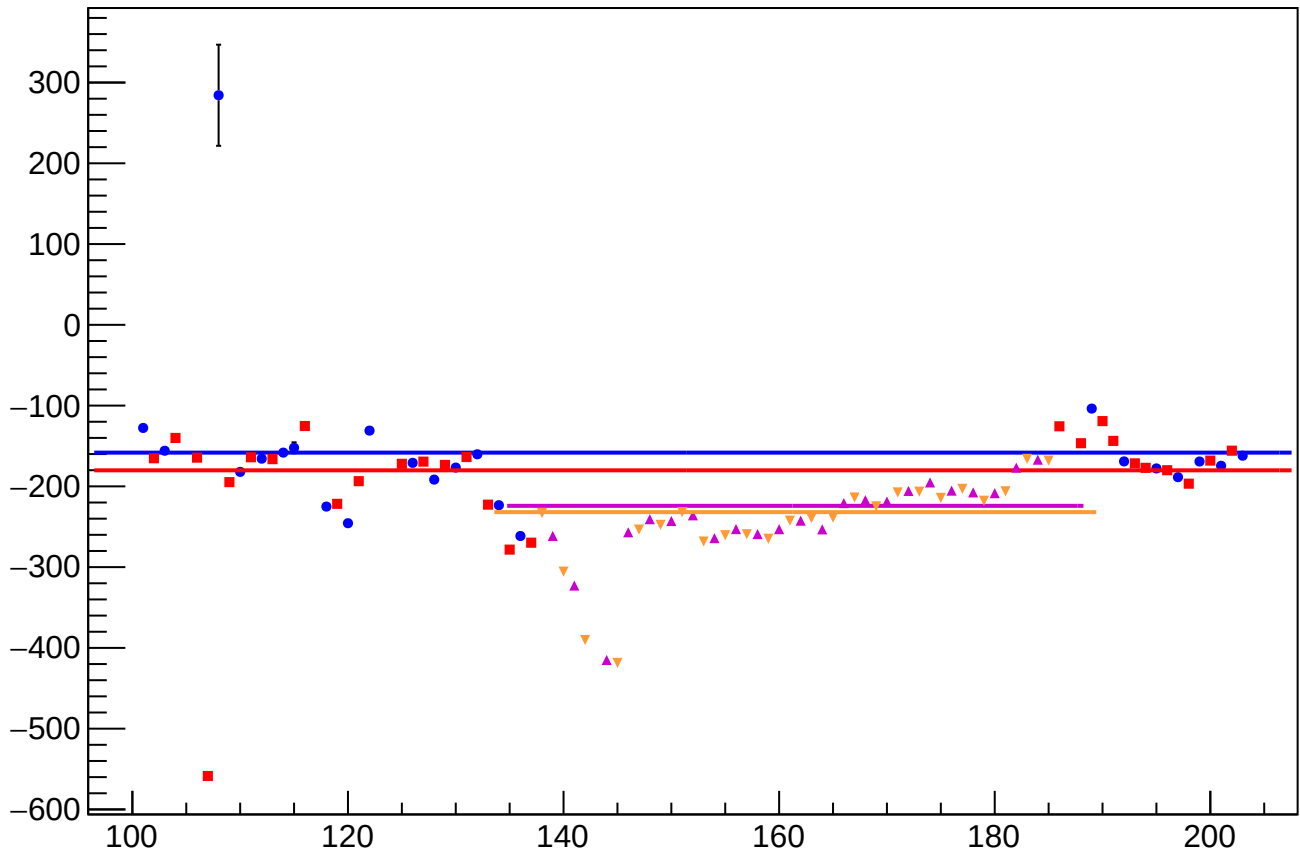
Left In: 516.594+/-0.089 χ^2/NDF :1036092.8/22

+ sign 549.611+/-0.086 χ^2/NDF : 5909259.9/32

All: 552.429+/-0.061 χ^2/NDF : 13662612.4/65

- sign 555.325+/-0.087 χ^2/NDF : 7751178.8/32

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 χ^2/NDF : 127132.4/22

Left Out: -231.902 ± 0.108 χ^2/NDF : 110473.4/23

Right Out: -180.145 ± 0.089 χ^2/NDF : 168260.2/26

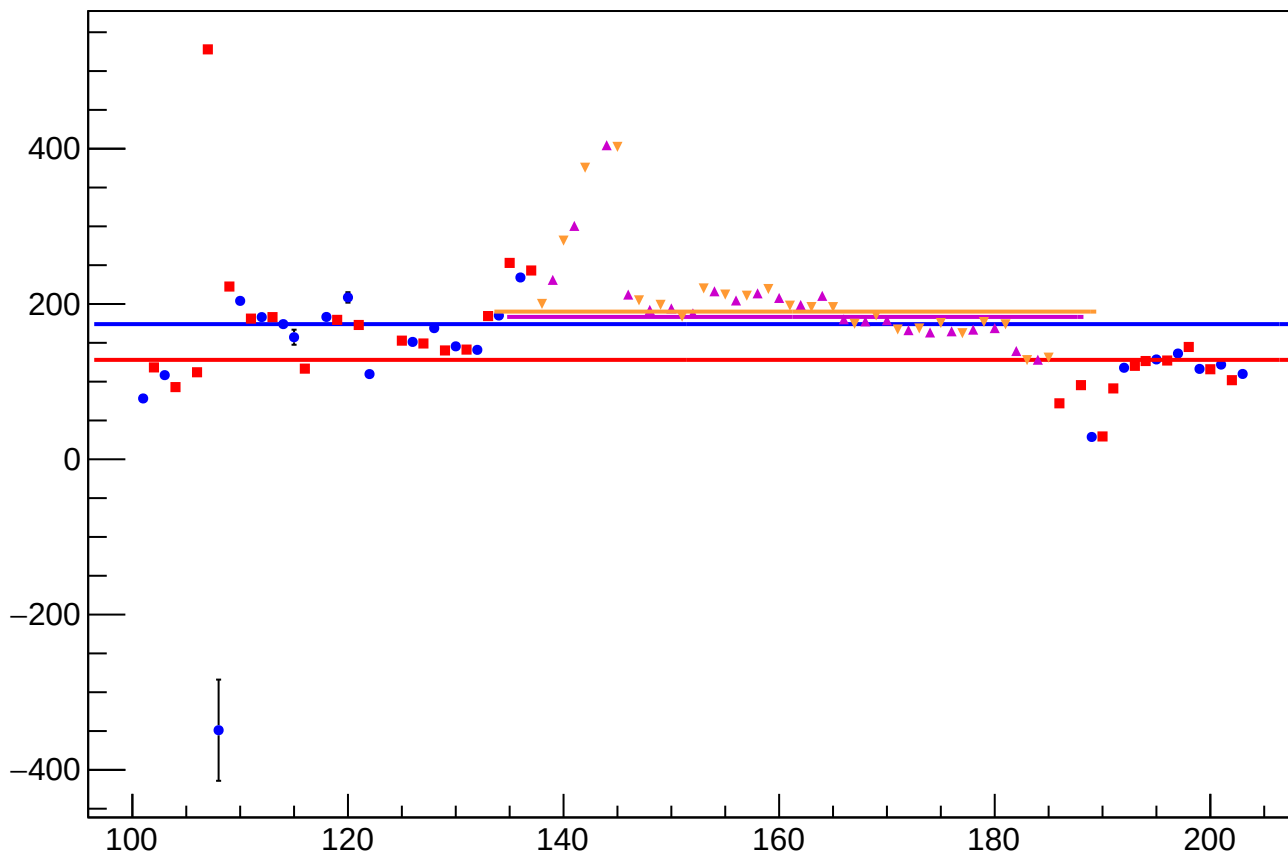
Left In: -224.103 ± 0.098 χ^2/NDF : 153347.0/22

+ sign -158.222 ± 0.000 χ^2/NDF : 701769.5/46

All: -158.222 ± 0.000 χ^2/NDF : 1533746.9/96

- sign -199.885 ± 0.066 χ^2/NDF : 431812.1/49

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: 128.042 $\pm$ 0.089 χ^2 /NDF: 164477.1/26

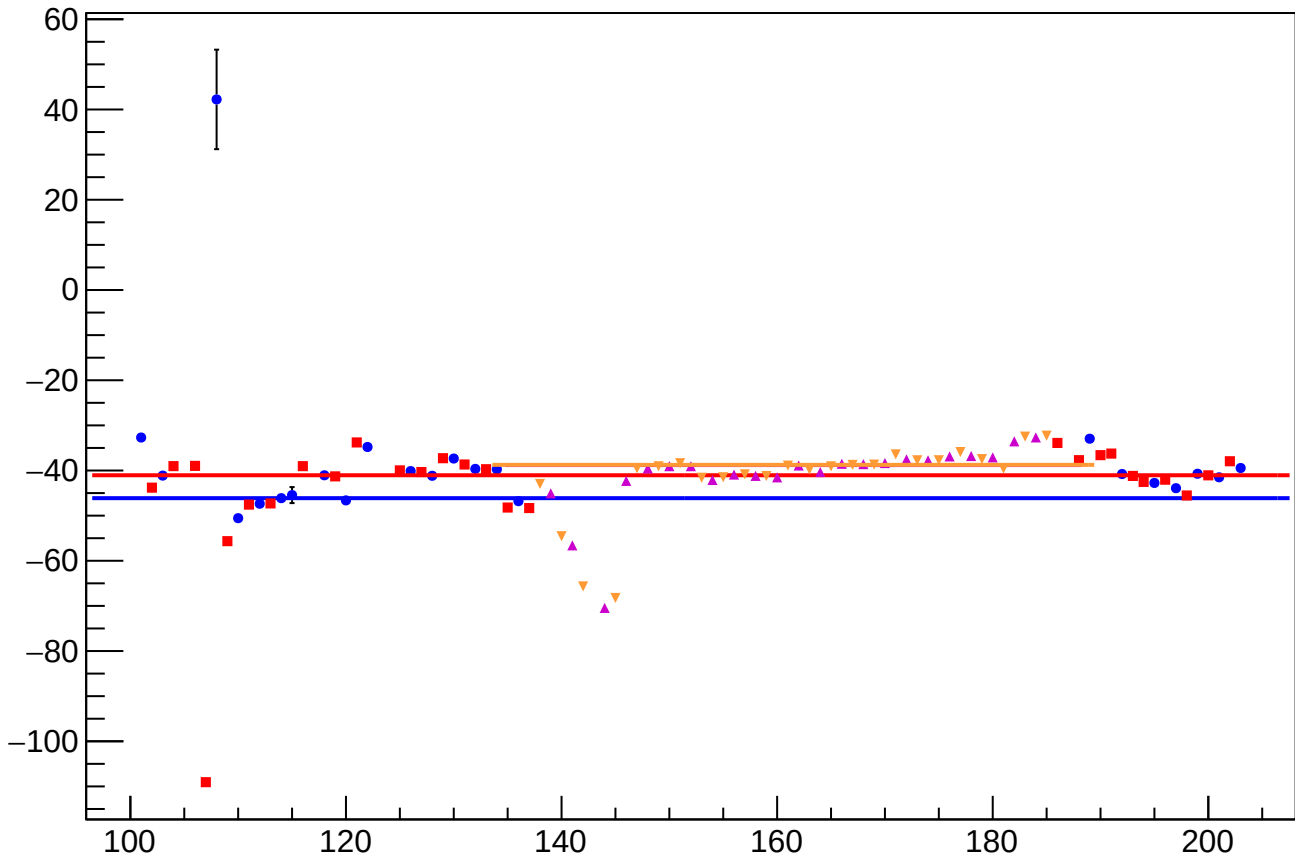
Left In: 183.362 $\pm$ 0.099 χ^2 /NDF:155441.6/22

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 292080.0/46

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 886737.8/96

- sign 152.861 $\pm$ 0.066 χ^2 /NDF: 492164.0/49

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 467411.0/22

Left Out: -38.745 ± 0.006 χ^2/NDF : 400638.0/23

Right Out: -41.050 ± 0.011 χ^2/NDF : 307169.3/26

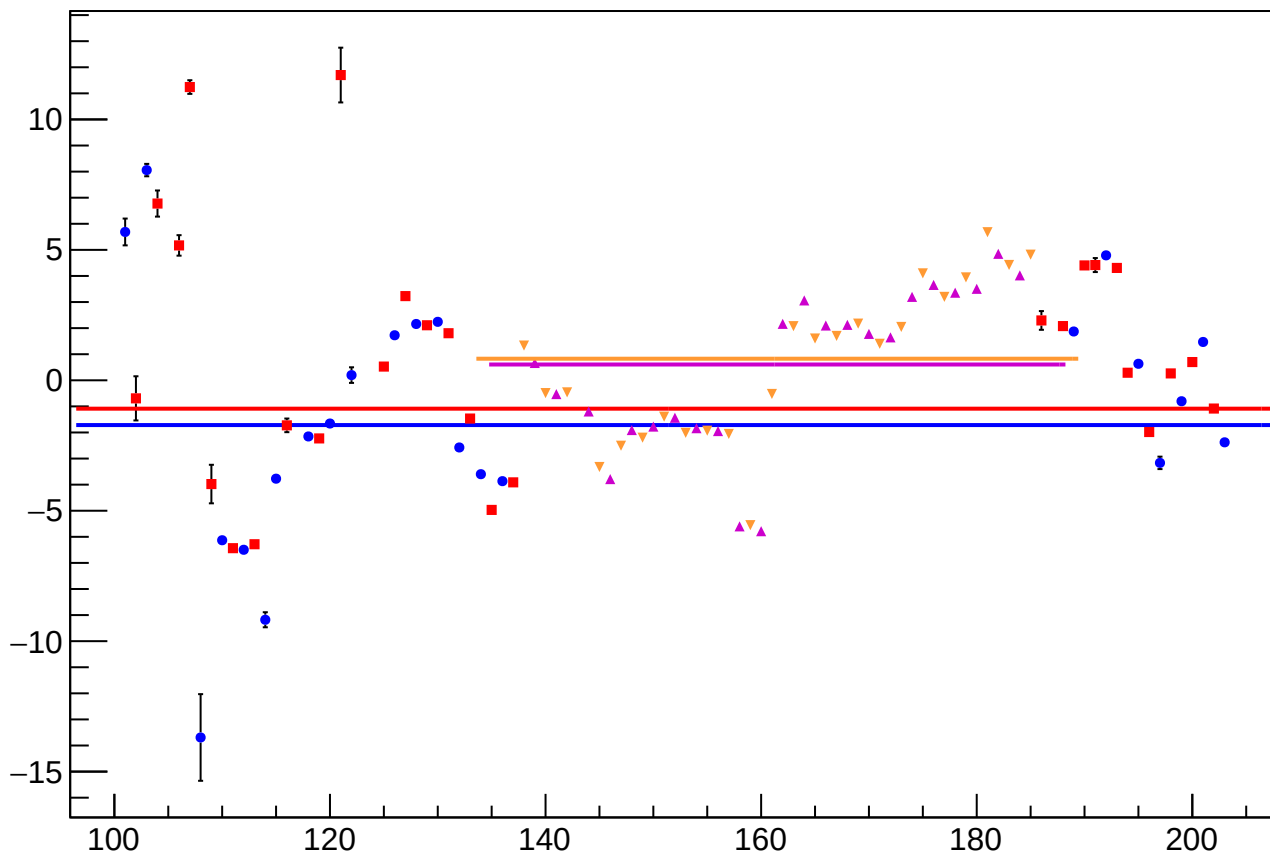
Left In: -38.794 ± 0.007 χ^2/NDF : 321993.9/22

+ sign -46.126 ± 0.000 χ^2/NDF : 2445234.2/46

All: -46.126 ± 0.000 χ^2/NDF : 4537269.2/96

- sign -39.372 ± 0.006 χ^2/NDF : 659582.2/49

dit_usl_4aY_slope vs Slug



Right In: -1.716 ± 0.017 $\chi^2/\text{NDF}: 31741.8/22$

Left Out: 0.828 ± 0.006 $\chi^2/\text{NDF}: 255303.5/23$

Right Out: -1.088 ± 0.019 $\chi^2/\text{NDF}: 35881.9/26$

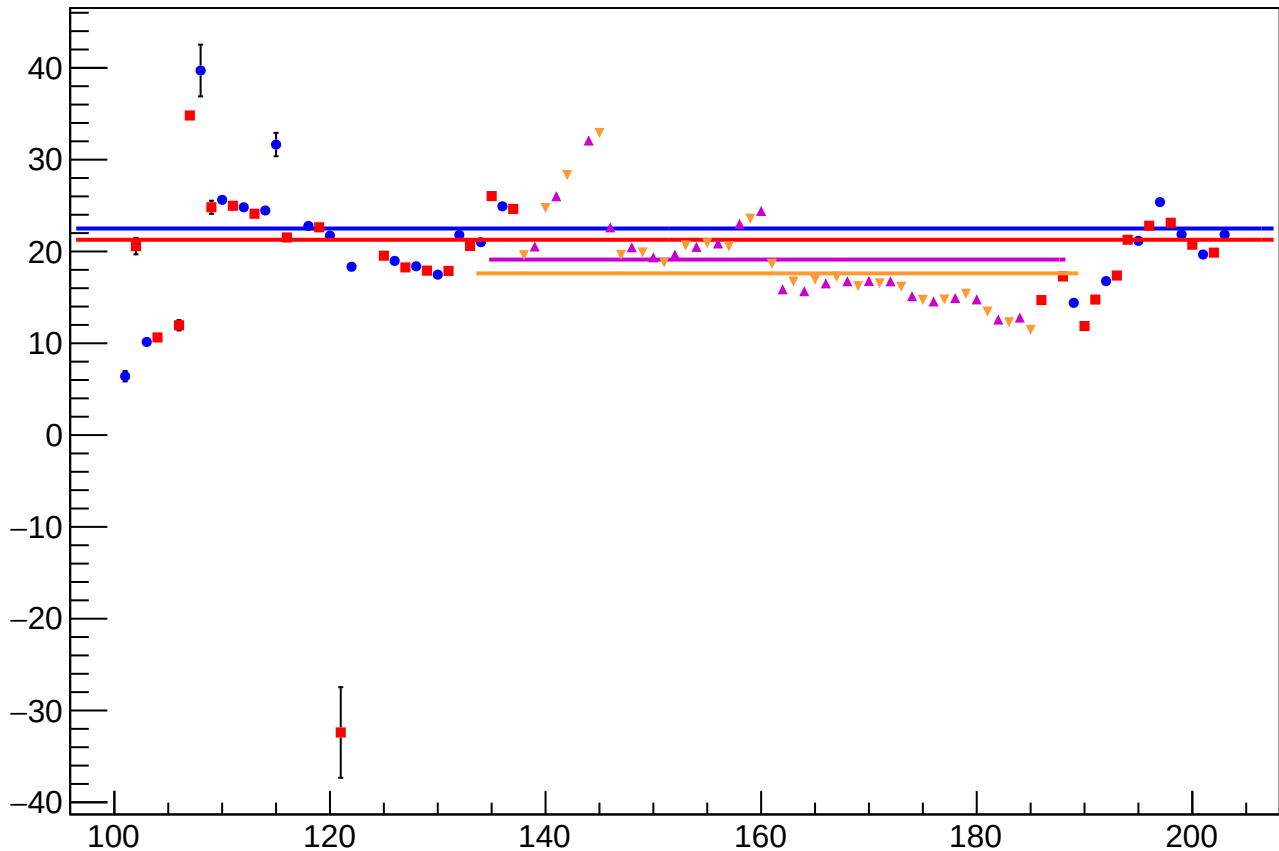
Left In: 0.606 ± 0.005 $\chi^2/\text{NDF}: 331282.7/22$

+ sign 0.528 ± 0.006 $\chi^2/\text{NDF}: 307389.1/46$

All: 0.508 ± 0.004 $\chi^2/\text{NDF}: 681940.2/96$

- sign 0.495 ± 0.005 $\chi^2/\text{NDF}: 374532.1/49$

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: 21.276 $\pm$ 0.019 χ^2 /NDF: 28632.0/26

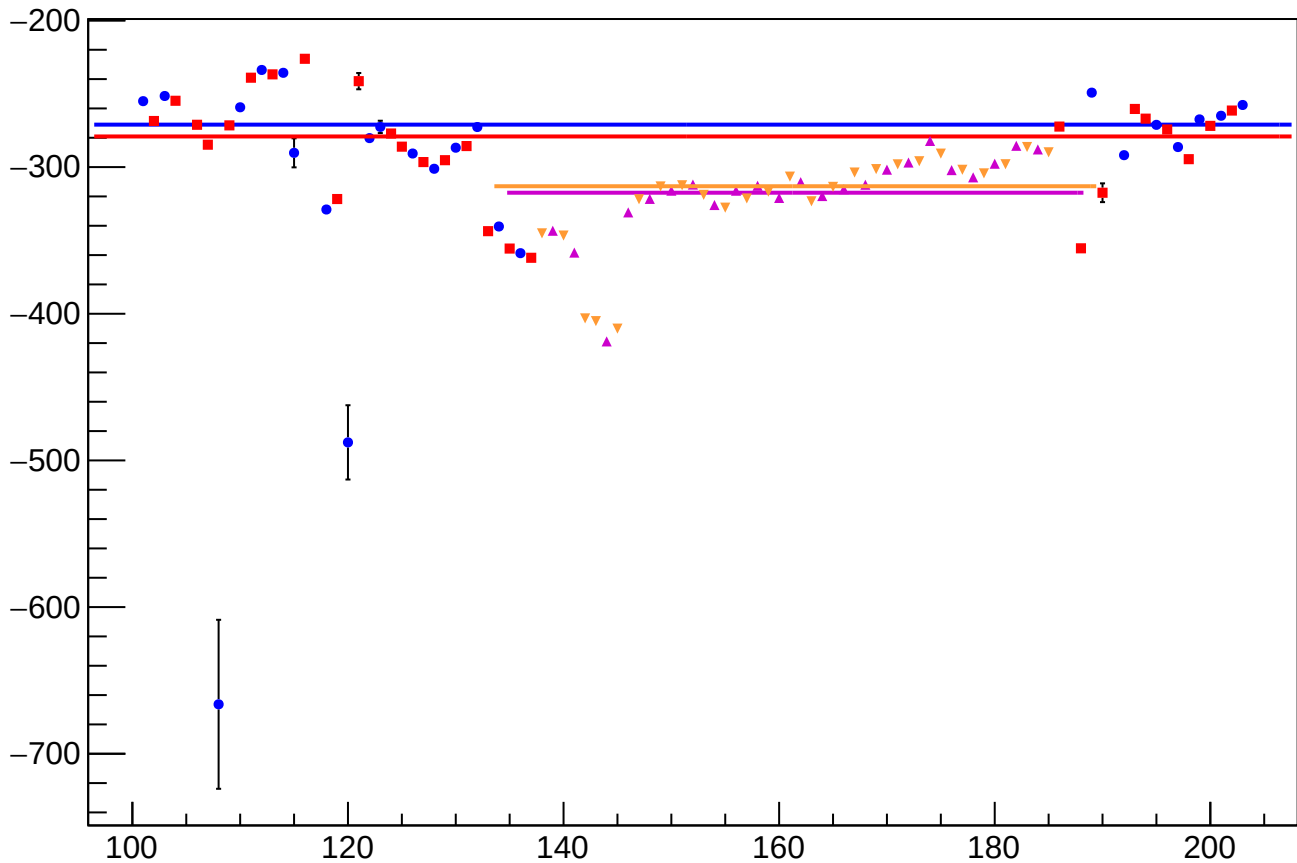
Left In: 19.117 $\pm$ 0.007 χ^2 /NDF:229353.0/22

+ sign 18.292 $\pm$ 0.007 χ^2 /NDF: 269654.8/46

All: 18.836 $\pm$ 0.005 χ^2 /NDF: 552725.2/96

- sign 19.385 $\pm$ 0.007 χ^2 /NDF: 269457.9/49

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: -279.109+/-0.095 χ^2/NDF : 67863.2/26

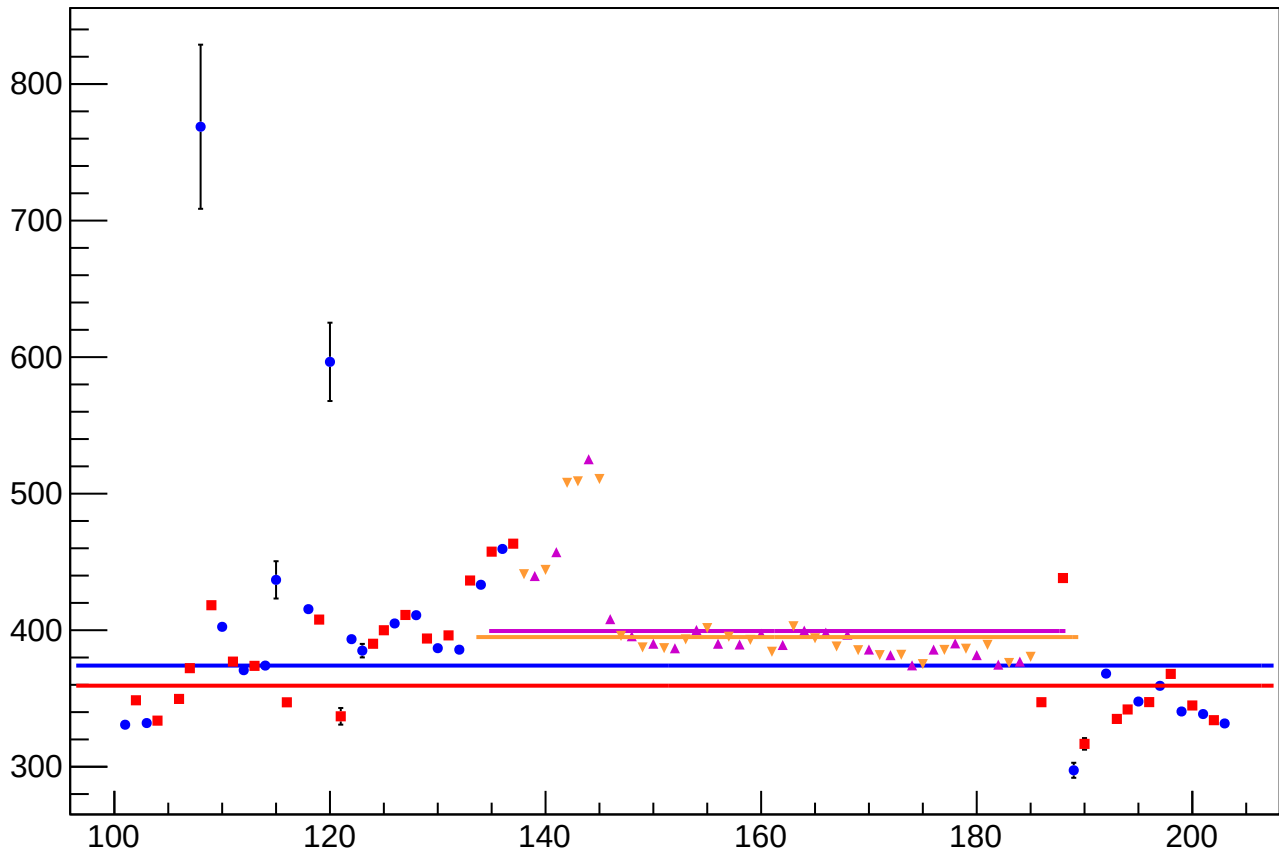
Left In: -317.471+/-0.095 χ^2/NDF : 63067.6/22

+ sign -294.588+/-0.072 χ^2/NDF : 200819.0/48

All: -296.579+/-0.049 χ^2/NDF : 414167.1/98

- sign -298.337+/-0.067 χ^2/NDF : 211897.8/49

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: 359.374 $\pm$ 0.095 χ^2 /NDF: 100448.2/26

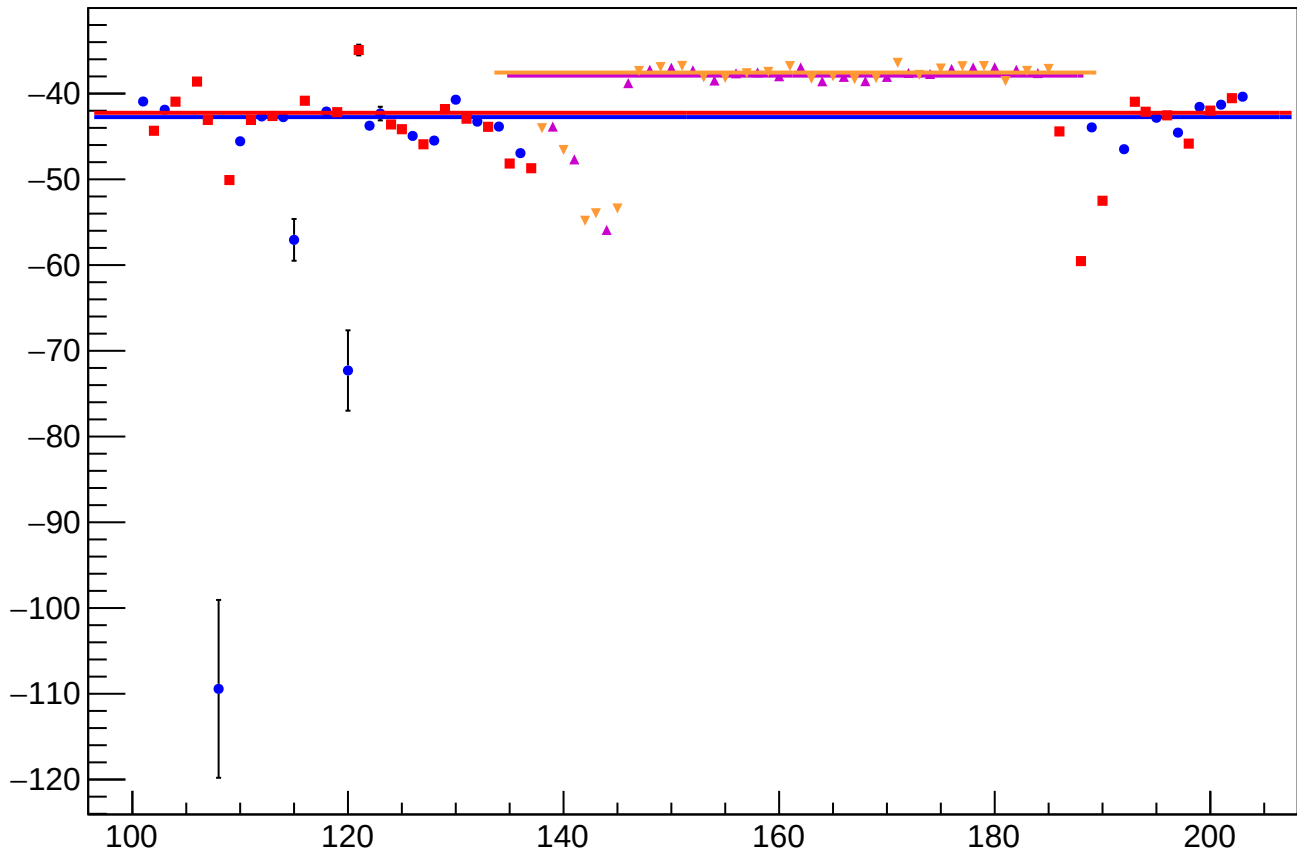
Left In: 399.410 $\pm$ 0.097 χ^2 /NDF: 77209.0/22

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 213972.6/48

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 483923.8/98

- sign 379.010 $\pm$ 0.068 χ^2 /NDF: 264698.8/49

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 20813.6/23

Left Out: -37.547 $\pm$ 0.004 χ^2 /NDF: 267131.7/24

Right Out: -42.241 $\pm$ 0.011 χ^2 /NDF: 25938.6/26

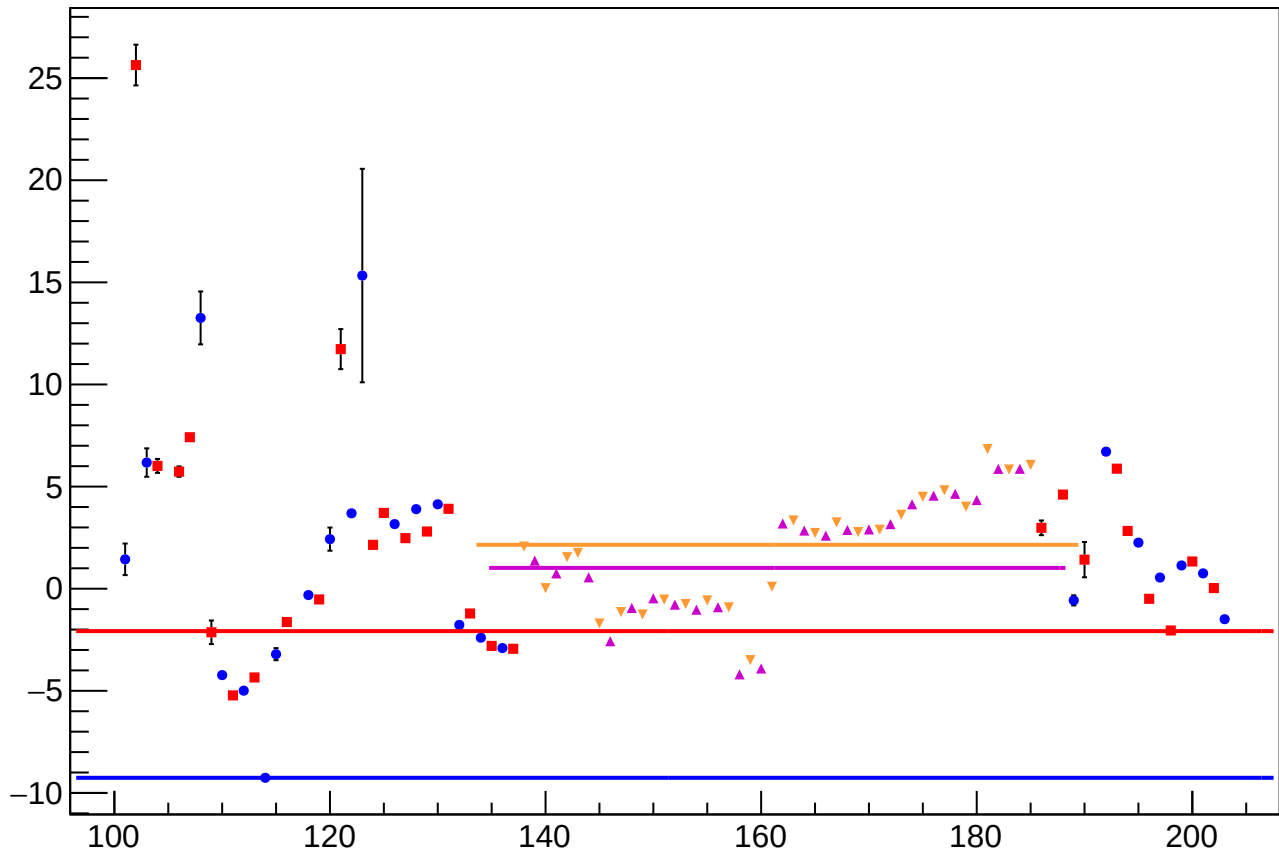
Left In: -37.903 $\pm$ 0.004 χ^2 /NDF: 156960.8/22

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 2123493.3/48

All: -42.744 $\pm$ 0.000 χ^2 /NDF: 3670249.5/98

- sign -38.415 $\pm$ 0.004 χ^2 /NDF: 311761.4/49

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: -2.077 ± 0.008 $\chi^2/\text{NDF}: 70127.0/26$

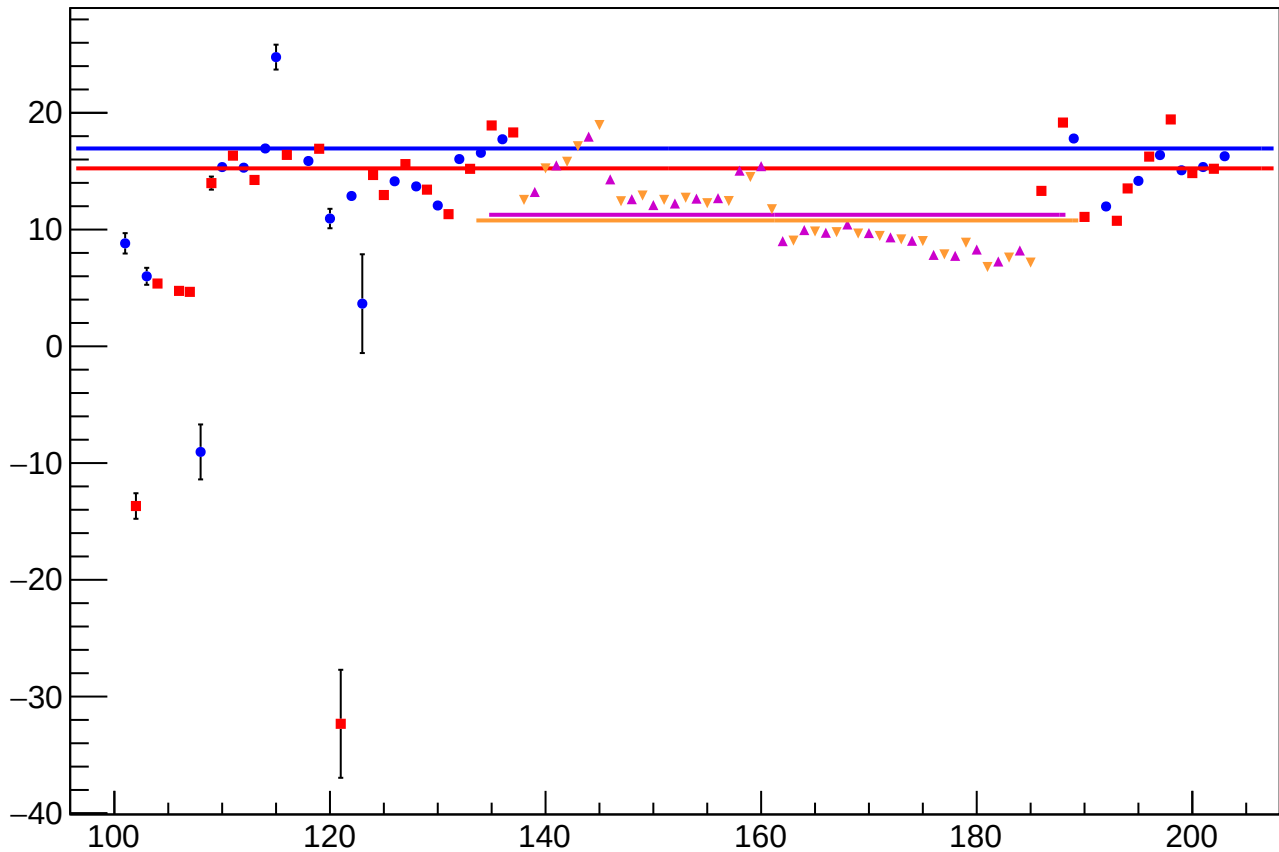
Left In: 1.019 ± 0.006 $\chi^2/\text{NDF}: 250029.0/22$

+ sign -9.259 ± 0.000 $\chi^2/\text{NDF}: 6205206.2/48$

All: -9.259 ± 0.000 $\chi^2/\text{NDF}: 10683335.3/98$

- sign -0.110 ± 0.005 $\chi^2/\text{NDF}: 427635.1/49$

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: 15.241 $\pm$ 0.015 χ^2 /NDF: 33905.6/26

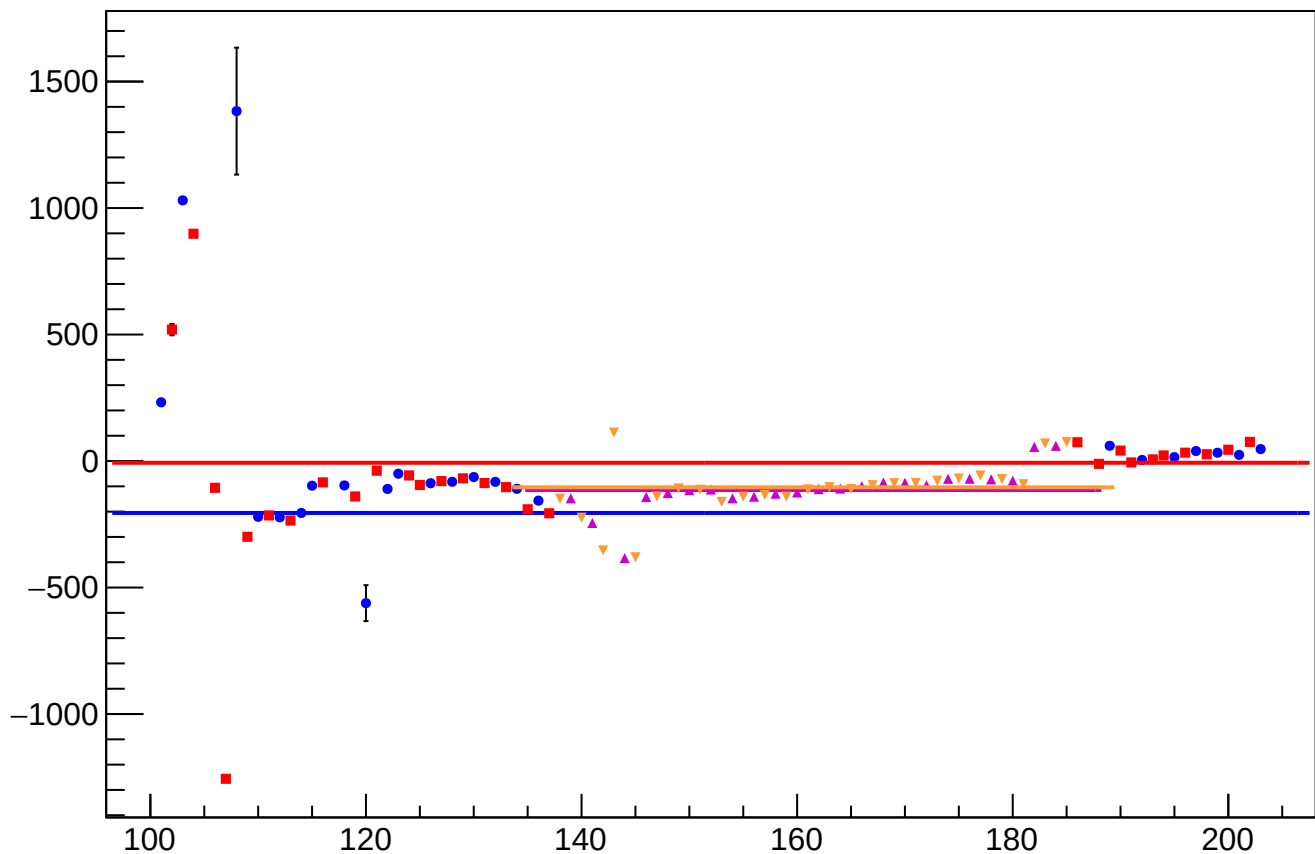
Left In: 11.267 $\pm$ 0.008 χ^2 /NDF:98438.0/22

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 997972.3/48

All: 16.947 $\pm$ 0.000 χ^2 /NDF: 1668307.6/98

- sign 12.141 $\pm$ 0.007 χ^2 /NDF: 188821.2/49

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF : 1855295.6/23

Left Out: -103.842+/-0.192 χ^2/NDF : 94751.7/24

Right Out: -6.778+/-0.203 χ^2/NDF : 185997.0/27

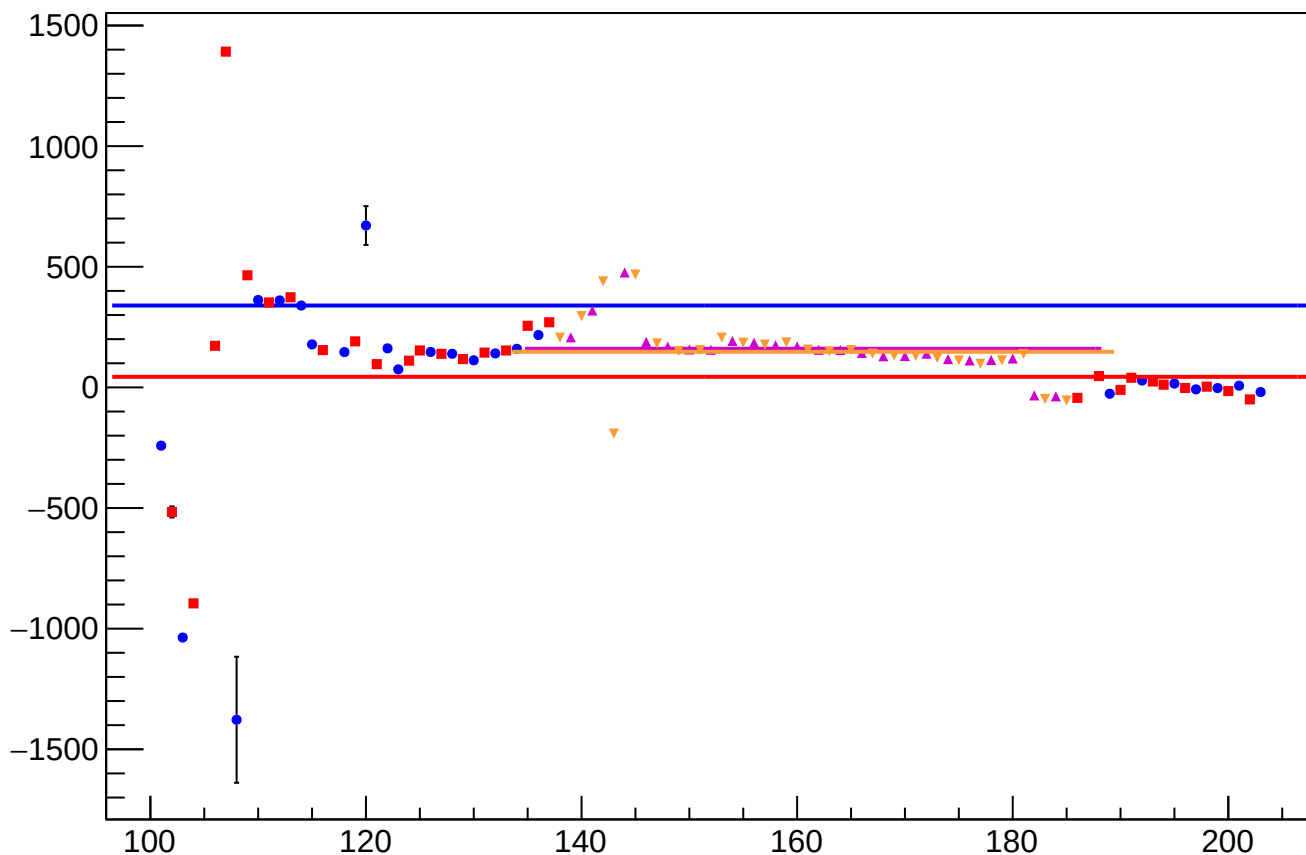
Left In: -114.444+/-0.225 χ^2/NDF : 76837.7/22

+ sign -205.160+/-0.000 χ^2/NDF : 2229417.4/48

All: -205.160+/-0.000 χ^2/NDF : 3607807.2/99

- sign -55.210+/-0.151 χ^2/NDF : 389062.8/50

dit_atl1_4eX_slope vs Slug



Right In: 339.325 $\pm$ 0.000 χ^2 /NDF: 2322720.4/23

Left Out: 147.771 $\pm$ 0.196 χ^2 /NDF:134281.2/24

Right Out: 43.961 $\pm$ 0.199 χ^2 /NDF: 280143.8/27

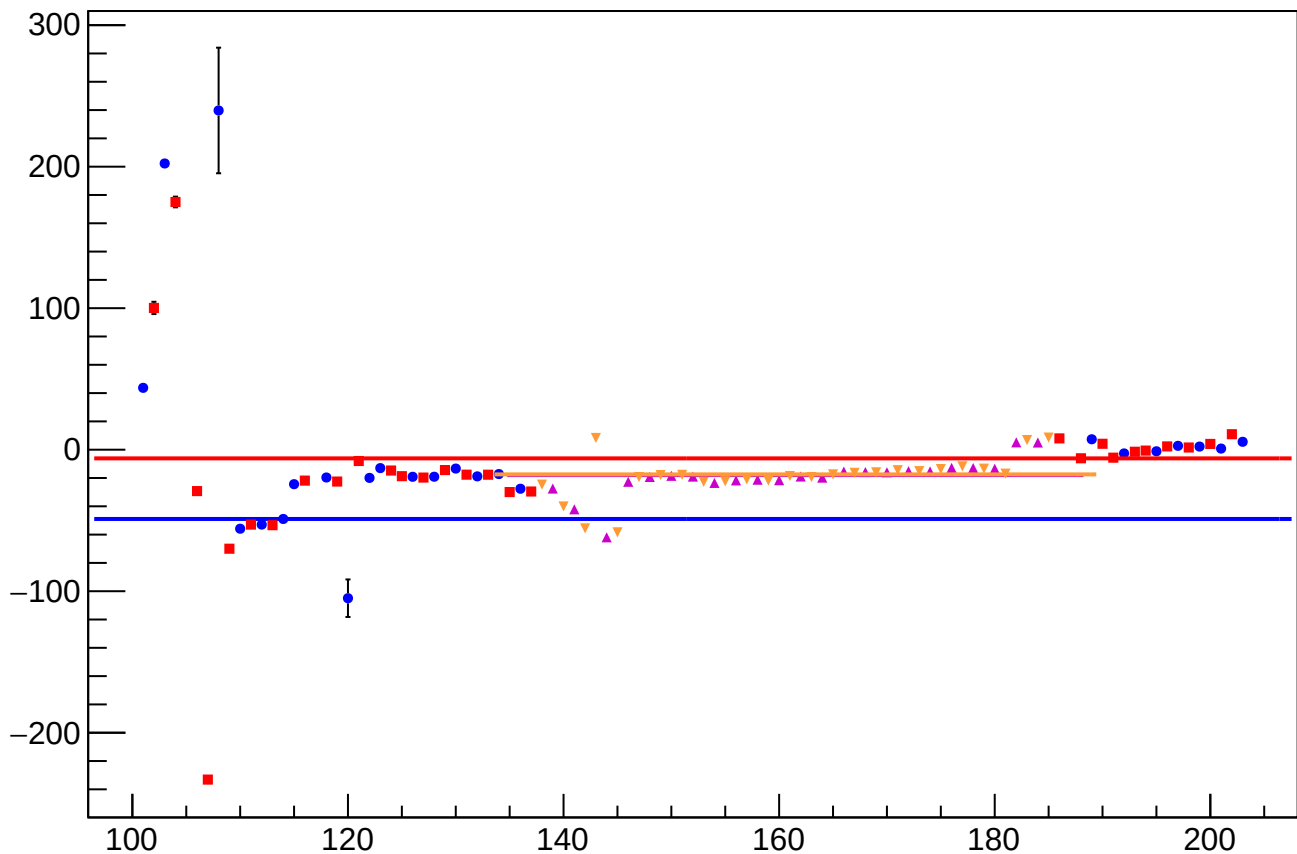
Left In: 160.049 $\pm$ 0.230 χ^2 /NDF:83579.0/22

+ sign 339.325 $\pm$ 0.000 χ^2 /NDF: 3410626.8/48

All: 339.325 $\pm$ 0.000 χ^2 /NDF: 6587809.0/99

- sign 93.728 $\pm$ 0.150 χ^2 /NDF: 509690.5/50

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: -6.133 ± 0.026 χ^2/NDF : 404613.5/27

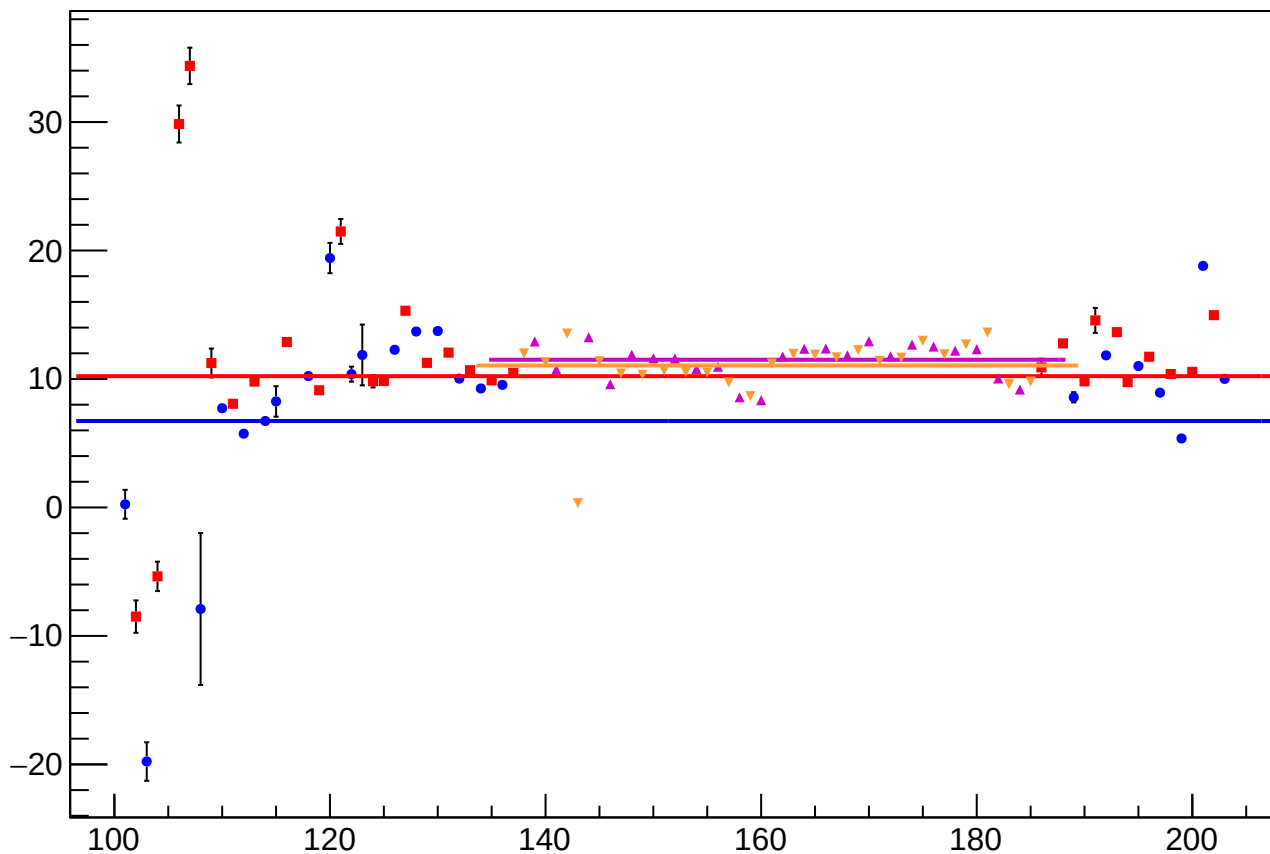
Left In: -17.951 ± 0.012 χ^2/NDF : 252123.1/22

+ sign -48.945 ± 0.000 χ^2/NDF : 18431975.0/48

All: -48.945 ± 0.000 χ^2/NDF : 28089483.4/99

- sign -15.863 ± 0.011 χ^2/NDF : 820736.6/50

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: 10.219 ± 0.033 χ^2/NDF : 6292.3/27

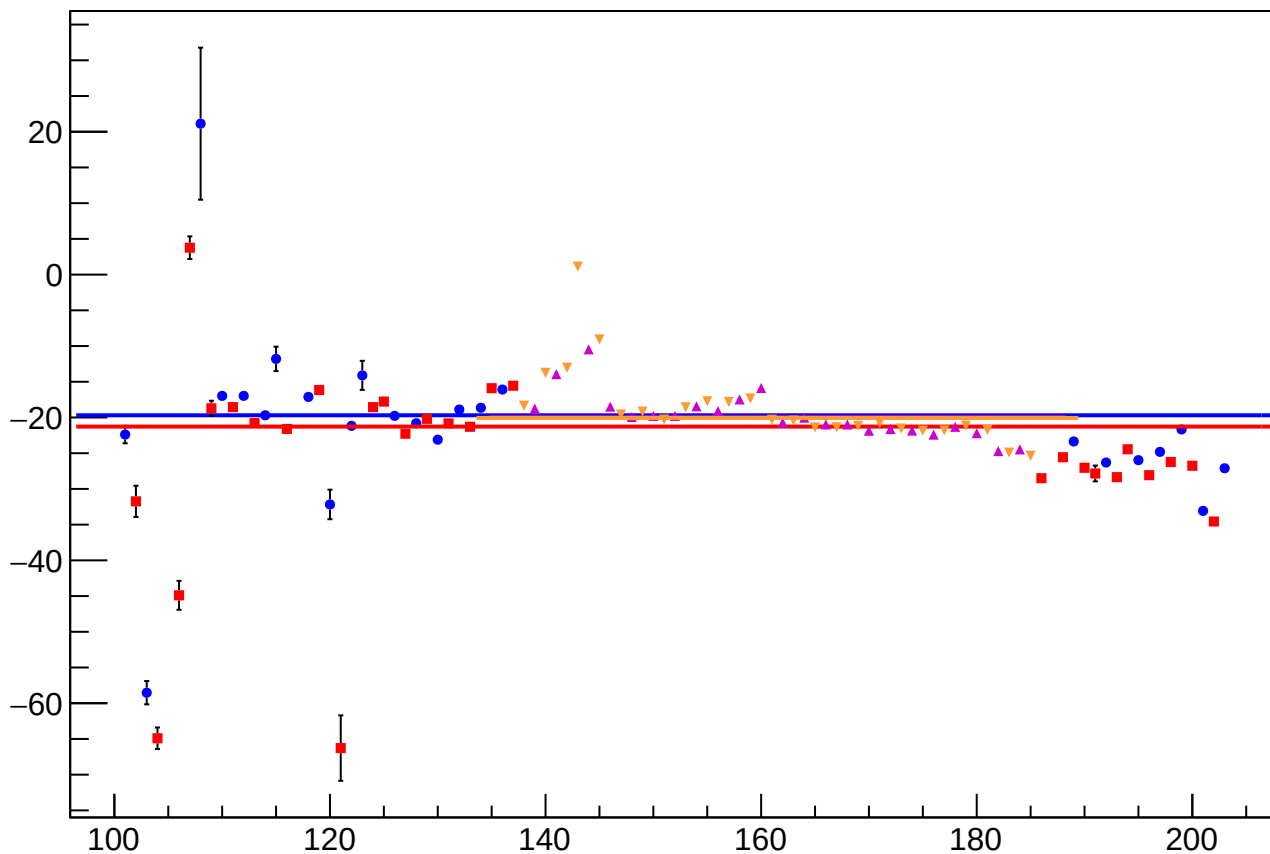
Left In: 11.498 ± 0.010 χ^2/NDF : 15848.8/22

+ sign 6.728 ± 0.000 χ^2/NDF : 173821.2/48

All: 6.728 ± 0.000 χ^2/NDF : 416407.8/99

- sign 11.381 ± 0.010 χ^2/NDF : 23513.0/50

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: -21.274 ± 0.043 $\chi^2/\text{NDF}: 8930.3/27$

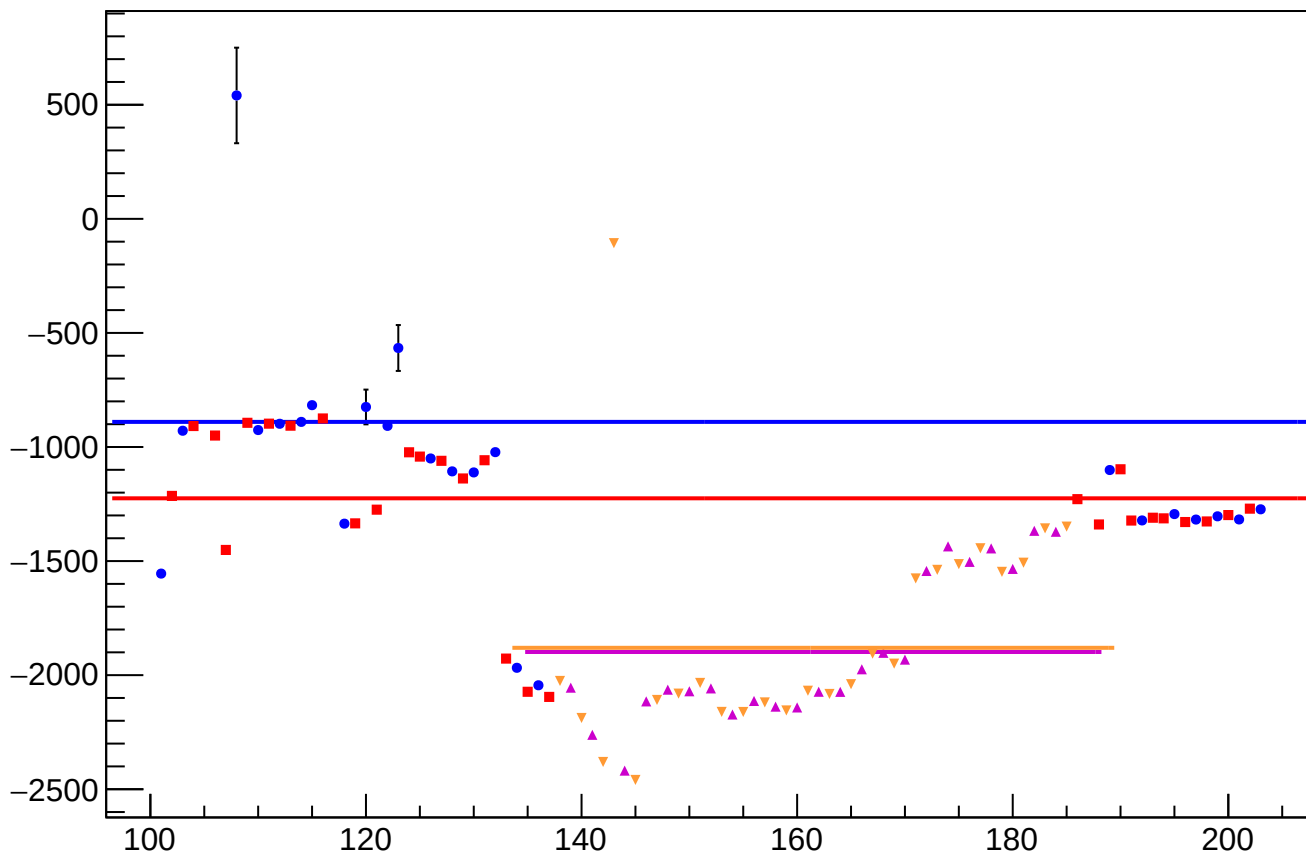
Left In: -19.955 ± 0.015 $\chi^2/\text{NDF}: 22657.6/22$

+ sign -19.693 ± 0.000 $\chi^2/\text{NDF}: 87065.8/48$

All: -19.693 ± 0.000 $\chi^2/\text{NDF}: 120321.7/99$

- sign -20.102 ± 0.014 $\chi^2/\text{NDF}: 32433.3/50$

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: -1224.936+/-0.200 χ^2 /NDF: 984895.5/27

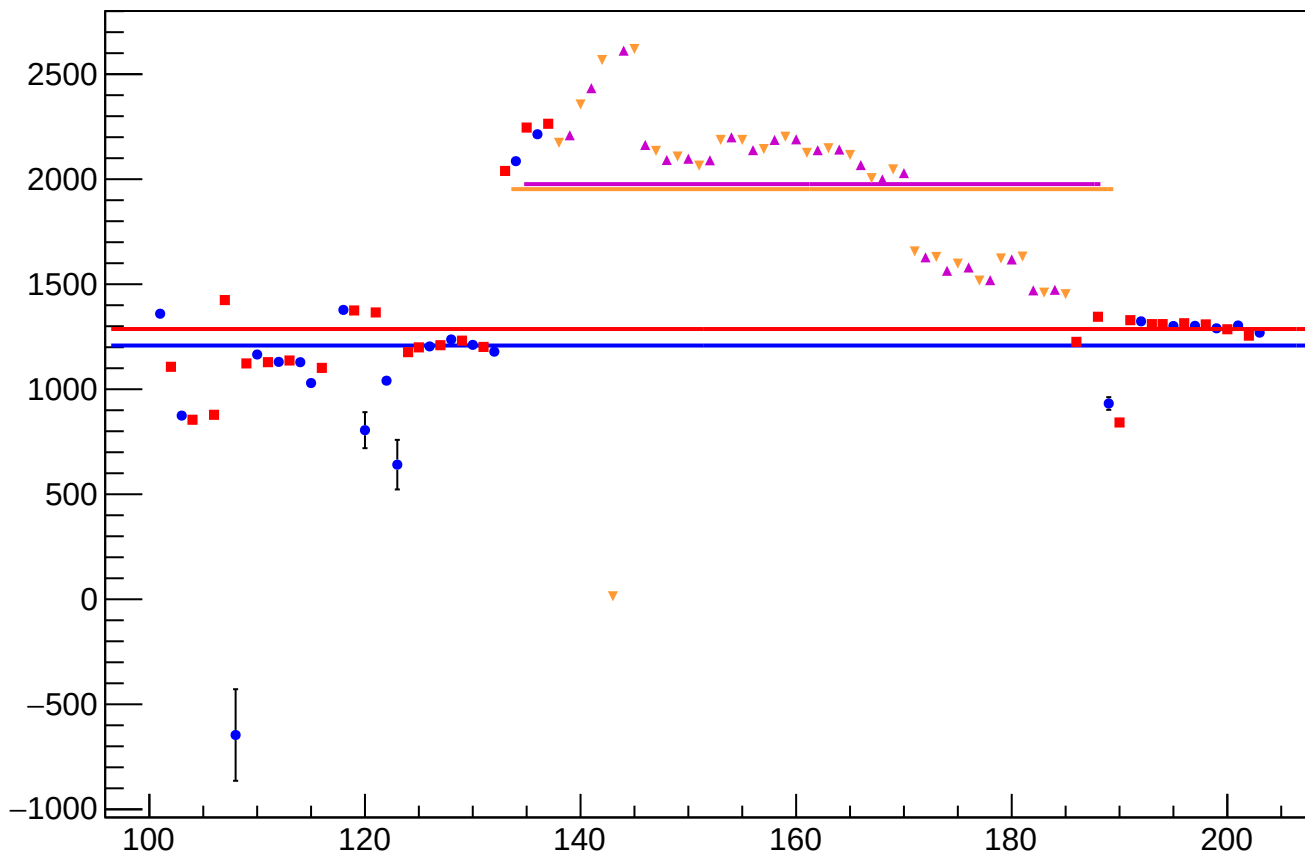
Left In: -1898.497+/-0.364 χ^2 /NDF: 698003.8/22

+ sign -889.928+/-0.000 χ^2 /NDF: 10647576.9/48

All: -889.928+/-0.000 χ^2 /NDF: 22813350.8/9

- sign -1381.808+/-0.176 χ^2 /NDF: 4313492.6/50

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: 1286.716+/-0.200 χ^2/NDF : 534415.0/27

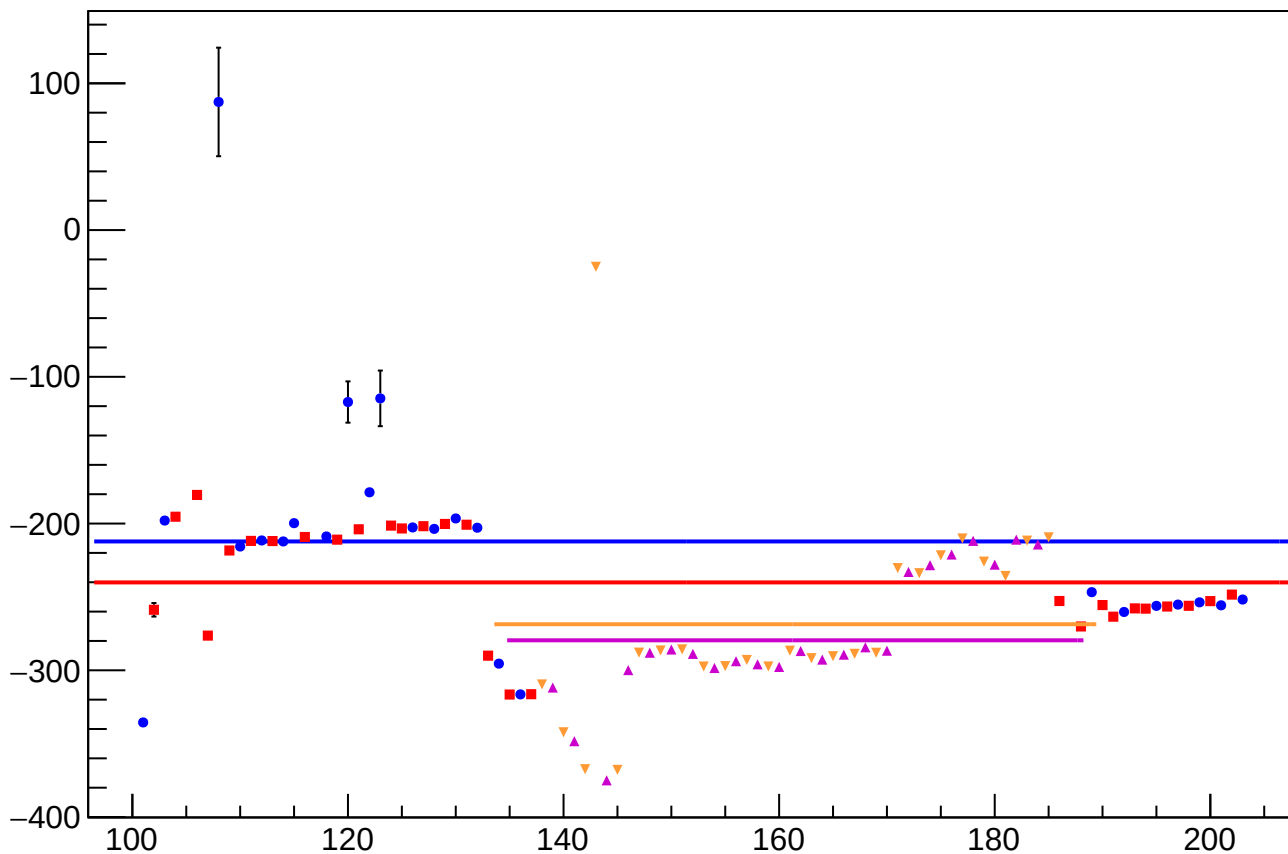
Left In: 1976.603+/-0.367 χ^2/NDF : 625684.0/22

+ sign 1397.246+/-0.178 χ^2/NDF : 4708409.1/48

All: 1420.997+/-0.125 χ^2/NDF : 8628083.7/99

- sign 1443.932+/-0.175 χ^2/NDF : 3884835.5/50

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 χ^2/NDF : 1927006.0/23

Left Out: -268.611 ± 0.022 χ^2/NDF : 7041710.3/24

Right Out: -240.107 ± 0.025 χ^2/NDF : 967398.8/27

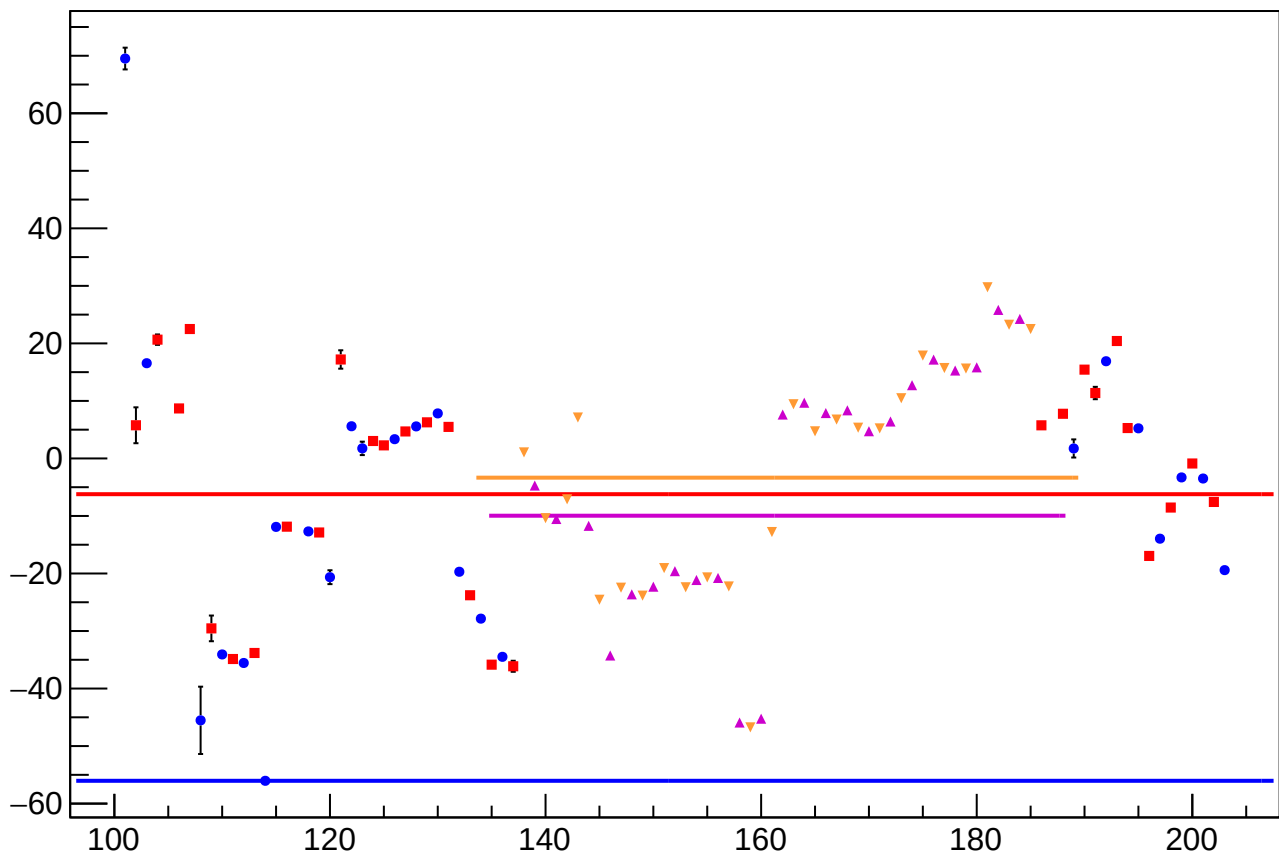
Left In: -279.563 ± 0.022 χ^2/NDF : 2298119.7/22

+ sign -212.190 ± 0.000 χ^2/NDF : 15525033.2/48

All: -212.190 ± 0.000 χ^2/NDF : 29662139.0/9

- sign -263.013 ± 0.017 χ^2/NDF : 4656914.4/50

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: -6.214 ± 0.039 χ^2/NDF : 188970.6/27

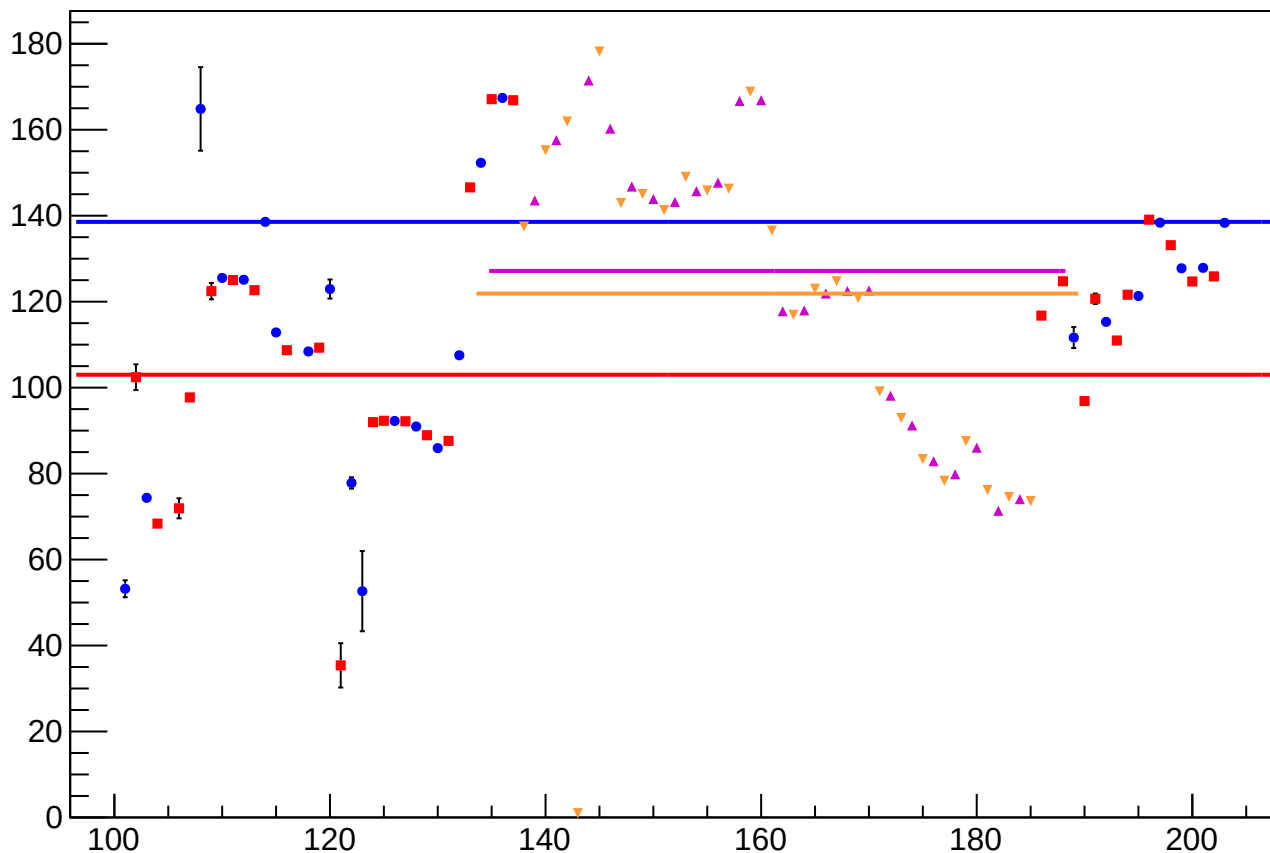
Left In: -9.956 ± 0.018 χ^2/NDF : 1689839.0/22

+ sign -56.037 ± 0.000 χ^2/NDF : 12142994.6/48

All: -56.037 ± 0.000 χ^2/NDF : 21881098.1/99

- sign -9.269 ± 0.017 χ^2/NDF : 1886337.9/50

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: 102.998 $\pm$ 0.032 χ^2 /NDF: 360233.6/27

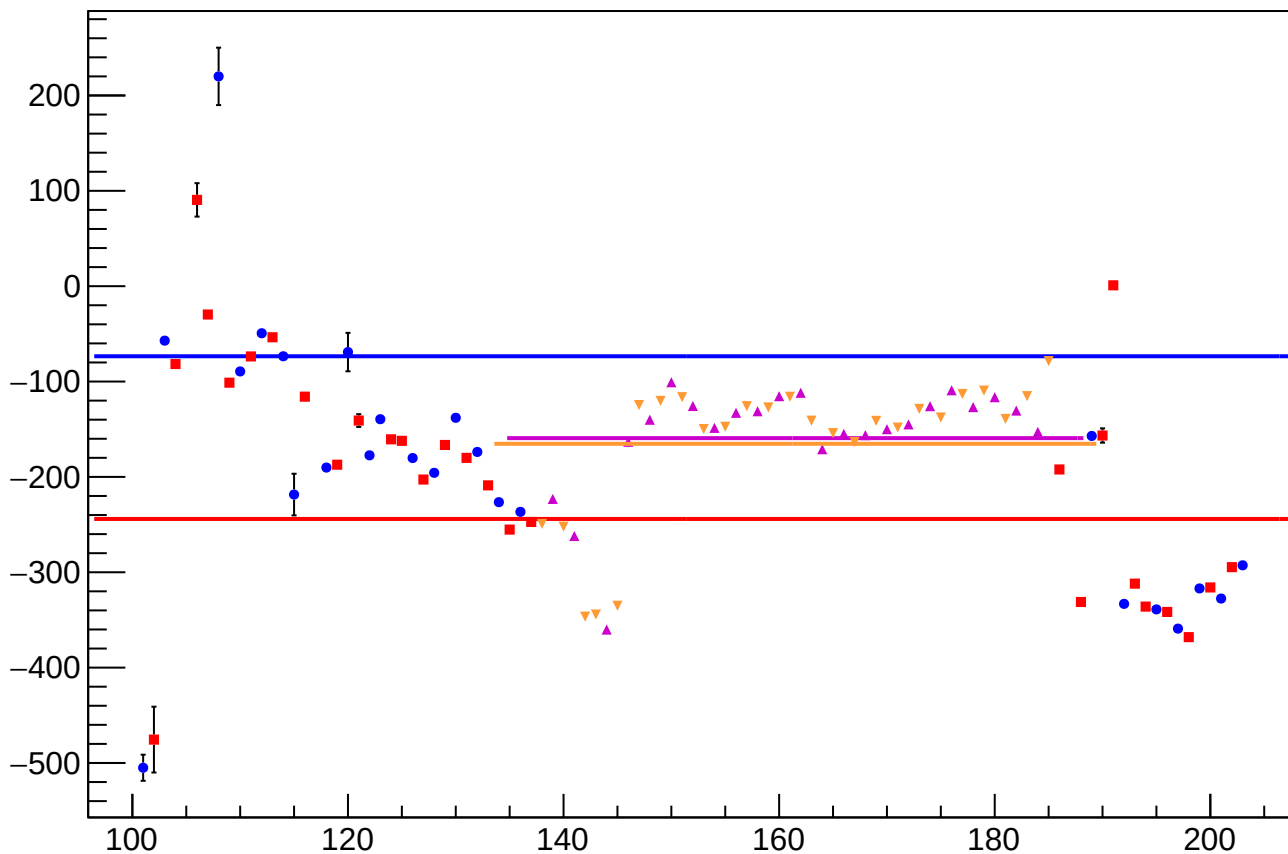
Left In: 127.150 $\pm$ 0.026 χ^2 /NDF:1340248.6/22

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 3002882.1/48

All: 138.565 $\pm$ 0.000 χ^2 /NDF: 6160109.5/99

- sign 117.324 $\pm$ 0.020 χ^2 /NDF: 2046897.0/50

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 467054.9/23$

Left Out: -165.282 ± 0.232 $\chi^2/\text{NDF}: 84301.0/24$

Right Out: -244.096 ± 0.228 $\chi^2/\text{NDF}: 214310.7/27$

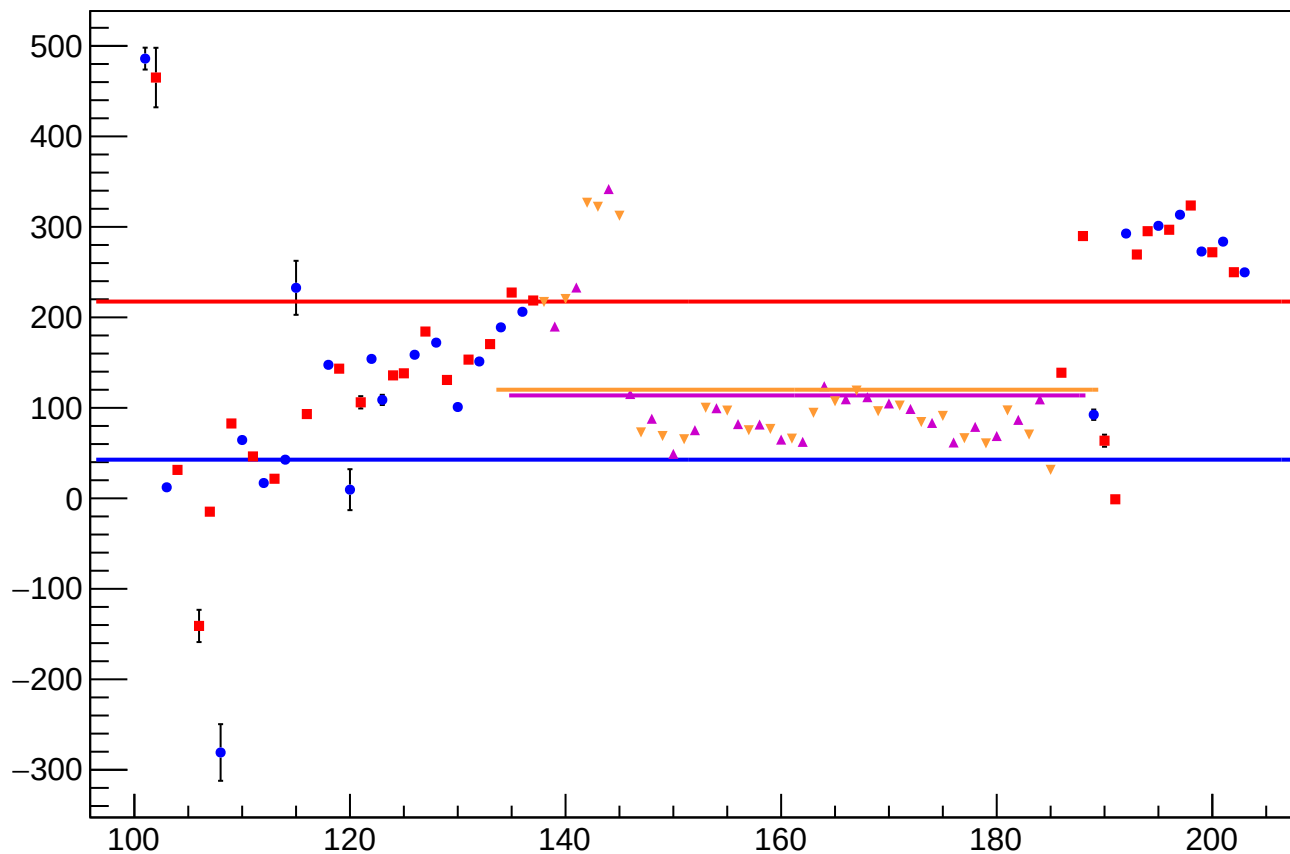
Left In: -159.346 ± 0.239 $\chi^2/\text{NDF}: 73885.5/22$

+ sign -73.485 ± 0.000 $\chi^2/\text{NDF}: 708271.1/48$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 1684653.9/99$

- sign -203.716 ± 0.165 $\chi^2/\text{NDF}: 353949.7/50$

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: 217.469+/-0.233 χ^2/NDF : 171264.7/27

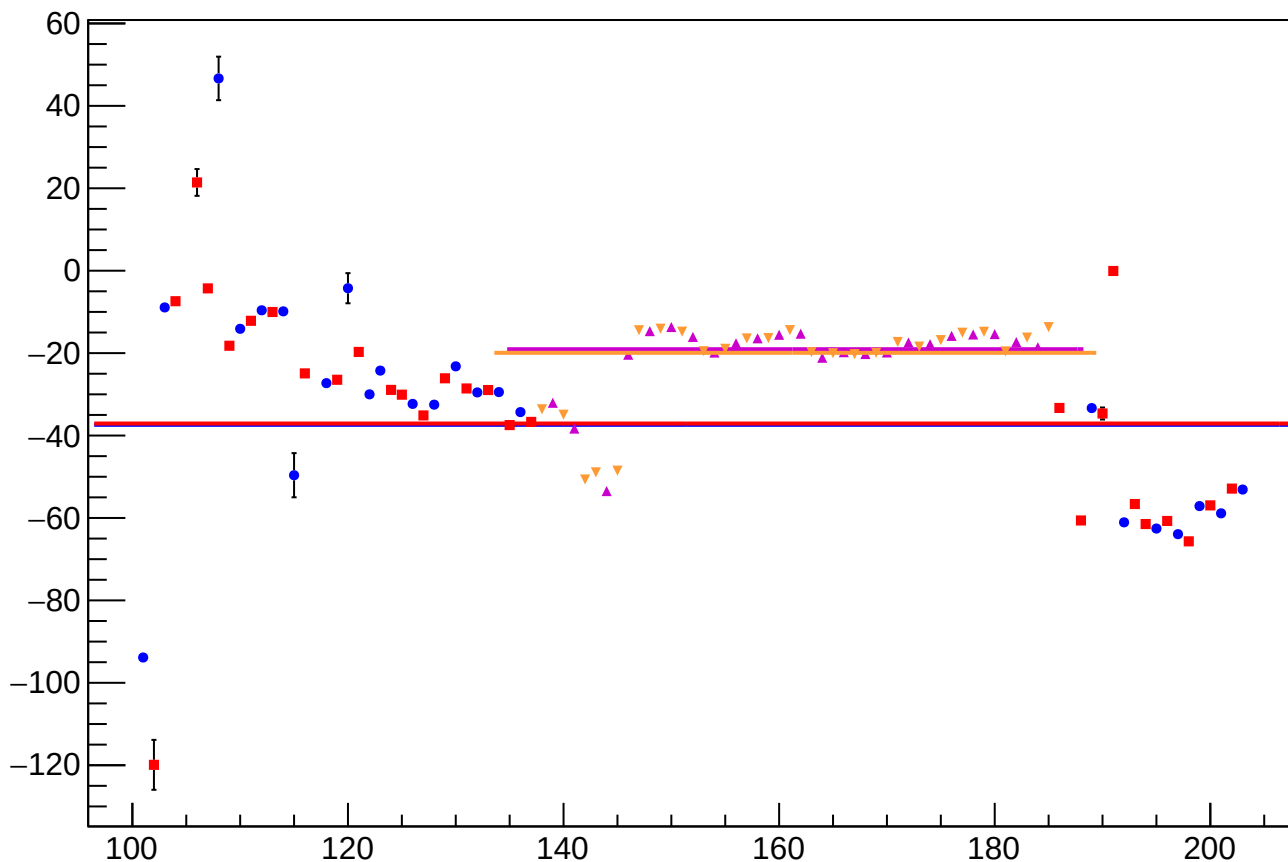
Left In: 113.733+/-0.246 χ^2/NDF : 81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF : 642224.0/48

All: 42.743+/-0.000 χ^2/NDF : 1538866.4/99

- sign 168.393+/-0.169 χ^2/NDF : 346606.4/50

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: -37.081 ± 0.027 $\chi^2/\text{NDF}: 654720.4/27$

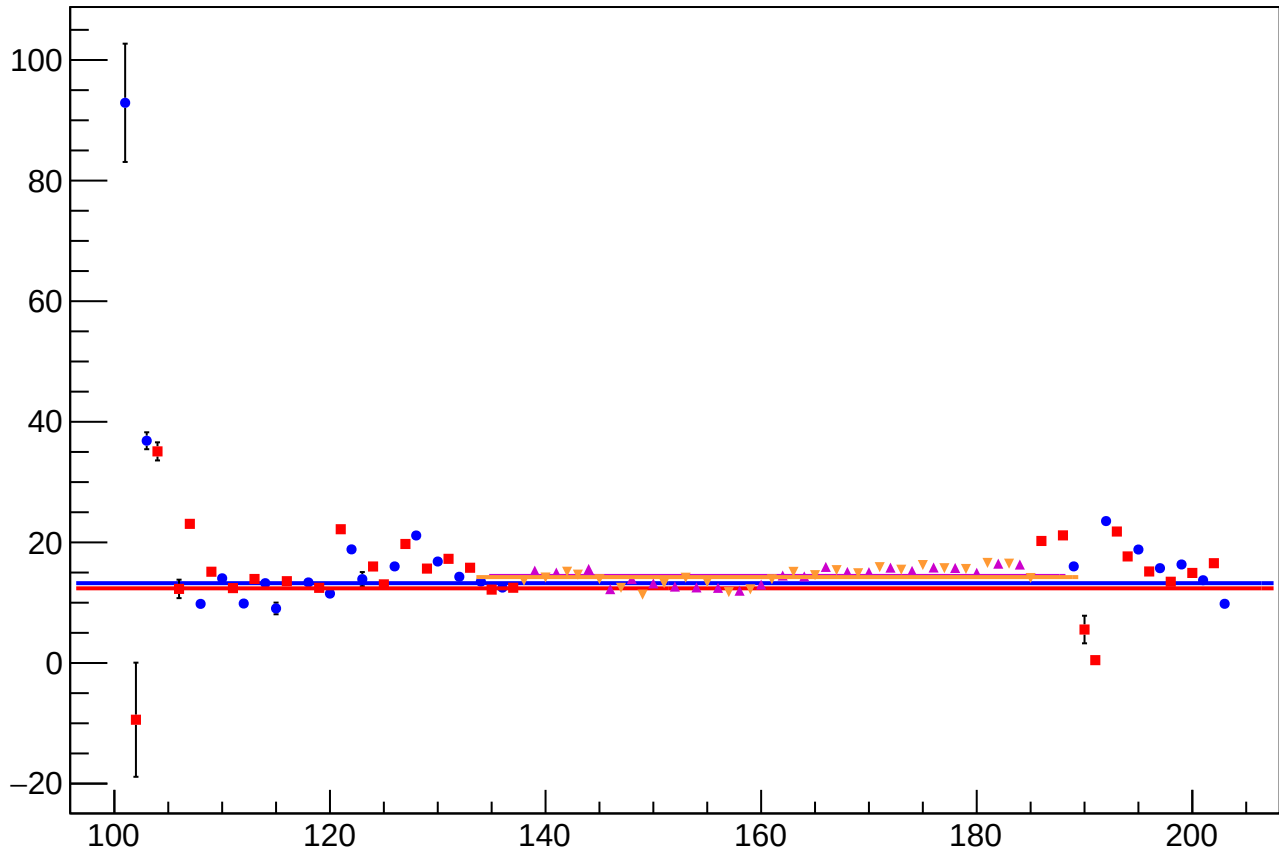
Left In: -19.047 ± 0.014 $\chi^2/\text{NDF}: 214747.8/22$

+ sign -22.545 ± 0.011 $\chi^2/\text{NDF}: 942813.6/48$

All: -22.726 ± 0.008 $\chi^2/\text{NDF}: 2174110.5/99$

- sign -22.944 ± 0.012 $\chi^2/\text{NDF}: 1230728.8/50$

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: 12.382 $\pm$ 0.038 χ^2 /NDF: 24856.7/27

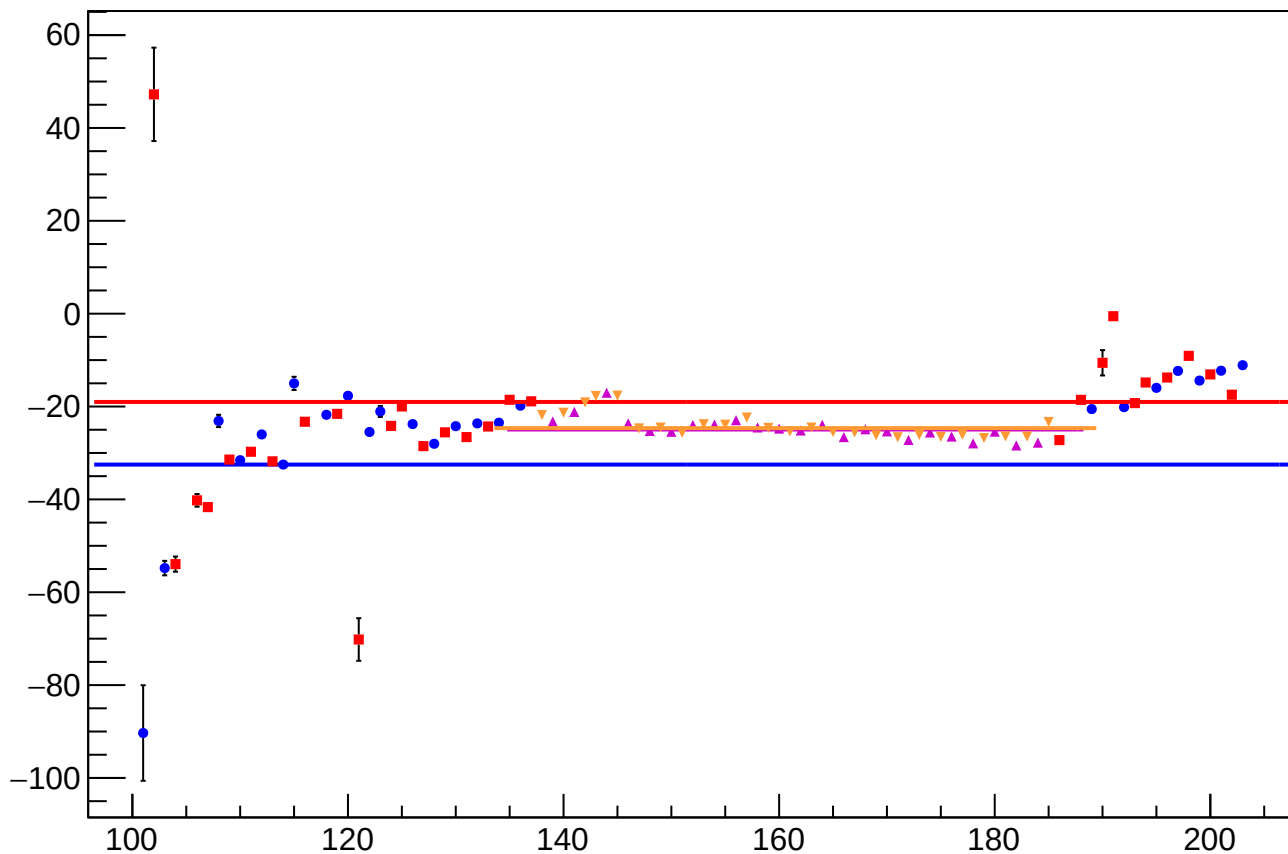
Left In: 14.441 $\pm$ 0.012 χ^2 /NDF:12955.9/22

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 27557.9/48

All: 13.238 $\pm$ 0.000 χ^2 /NDF: 76532.5/99

- sign 14.267 $\pm$ 0.011 χ^2 /NDF: 40443.8/50

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: -19.014 ± 0.039 χ^2/NDF : 65760.7/27

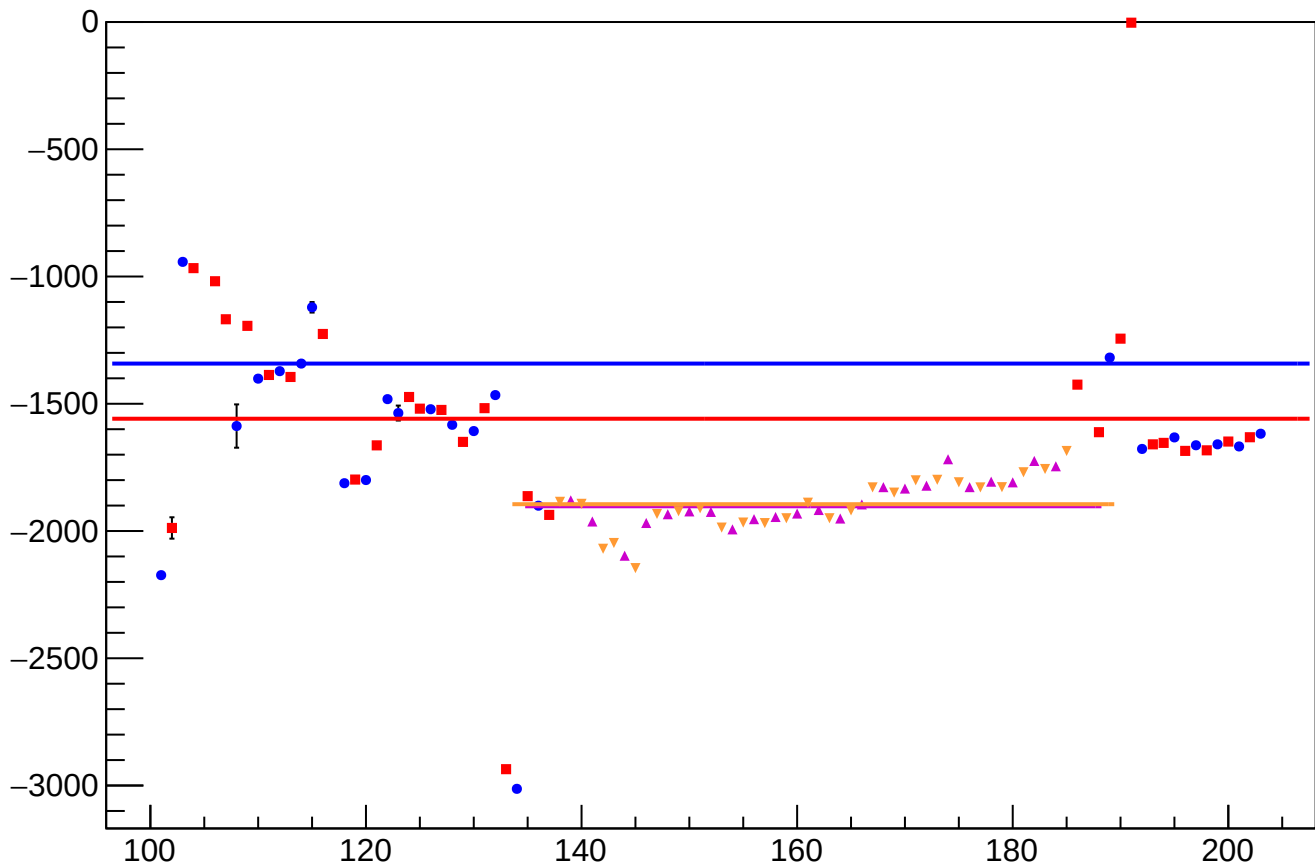
Left In: -24.948 ± 0.015 χ^2/NDF : 14049.6/22

+ sign -32.504 ± 0.000 χ^2/NDF : 396125.1/48

All: -32.504 ± 0.000 χ^2/NDF : 844942.1/99

- sign -24.159 ± 0.014 χ^2/NDF : 100129.5/50

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 ± 0.000 χ^2/NDF : 884291.0/23

Left Out: -1894.646 ± 0.318 χ^2/NDF : 67387.8/24

Right Out: -1558.798 ± 0.237 χ^2/NDF : 1988766.8/27

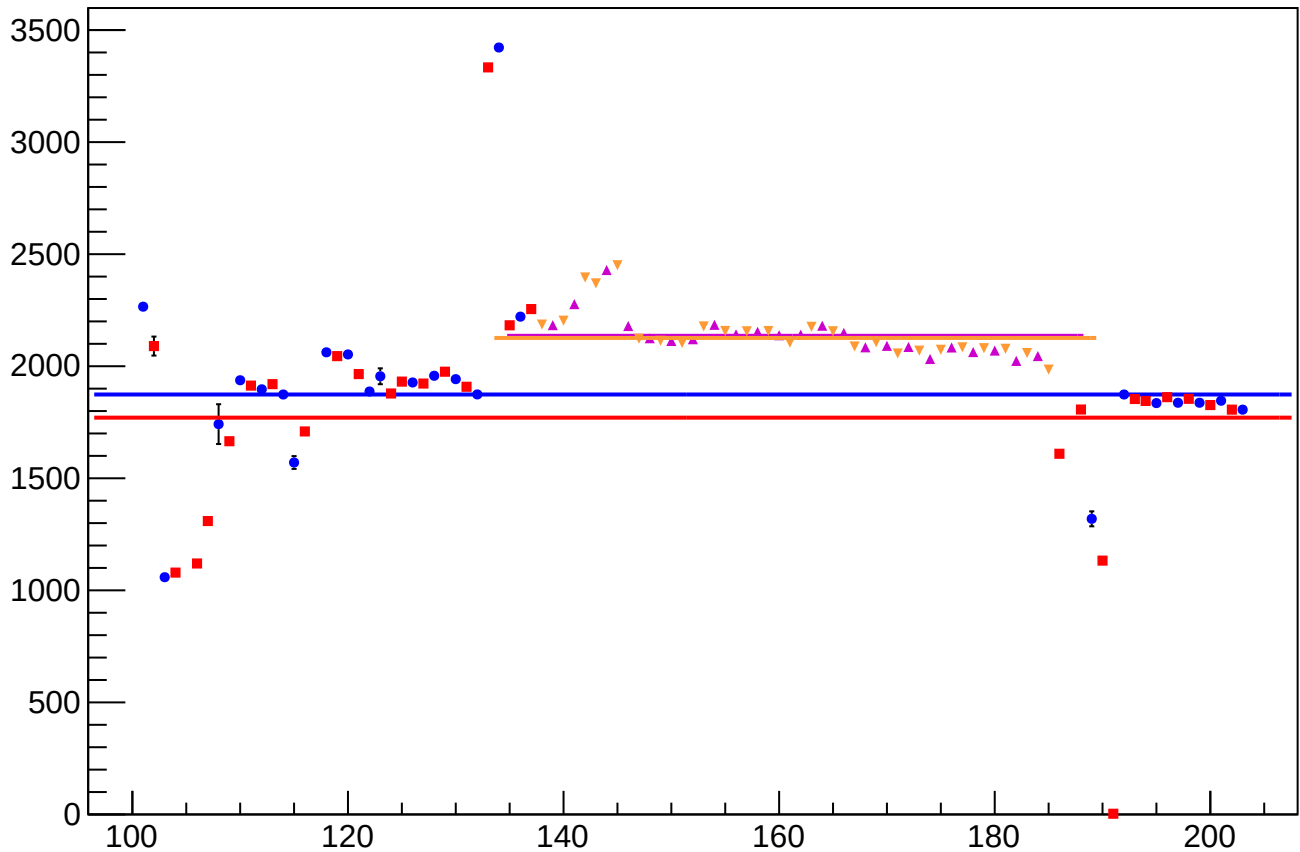
Left In: -1902.803 ± 0.289 χ^2/NDF : 69208.9/22

+ sign -1342.107 ± 0.000 χ^2/NDF : 3974975.1/48

All: -1342.107 ± 0.000 χ^2/NDF : 10639291.7/100

- sign -1697.223 ± 0.183 χ^2/NDF : 2906067.1/50

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: 1770.587 $\pm$ 0.235 χ^2 /NDF: 3349075.1/27

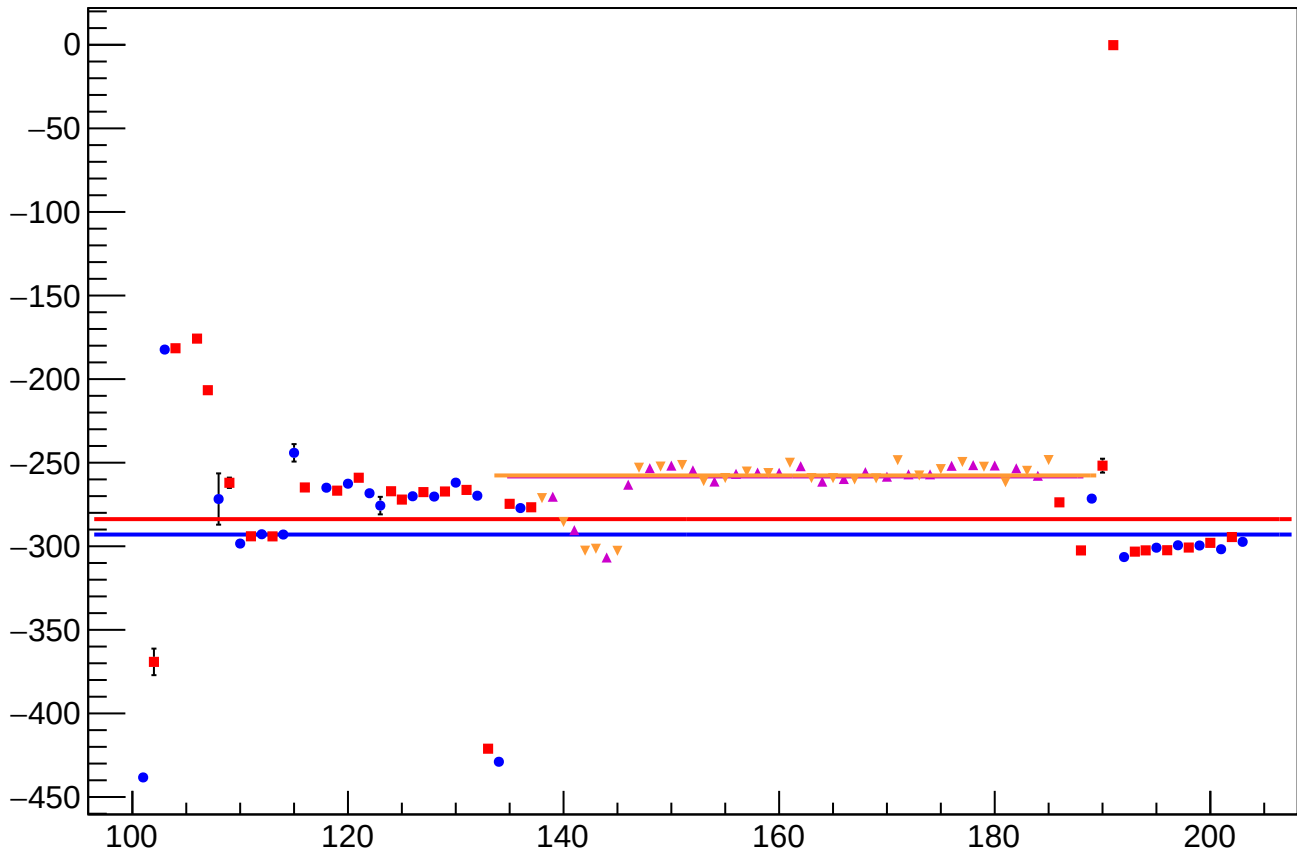
Left In: 2135.770 $\pm$ 0.290 χ^2 /NDF: 58031.3/22

+ sign 1873.852 $\pm$ 0.000 χ^2 /NDF: 887836.8/48

All: 1873.852 $\pm$ 0.000 χ^2 /NDF: 5306494.3/99

- sign 1915.624 $\pm$ 0.182 χ^2 /NDF: 4366241.2/50

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1062729.8/23$

Left Out: -257.631 ± 0.020 $\chi^2/\text{NDF}: 226942.0/24$

Right Out: -283.767 ± 0.032 $\chi^2/\text{NDF}: 1988538.2/27$

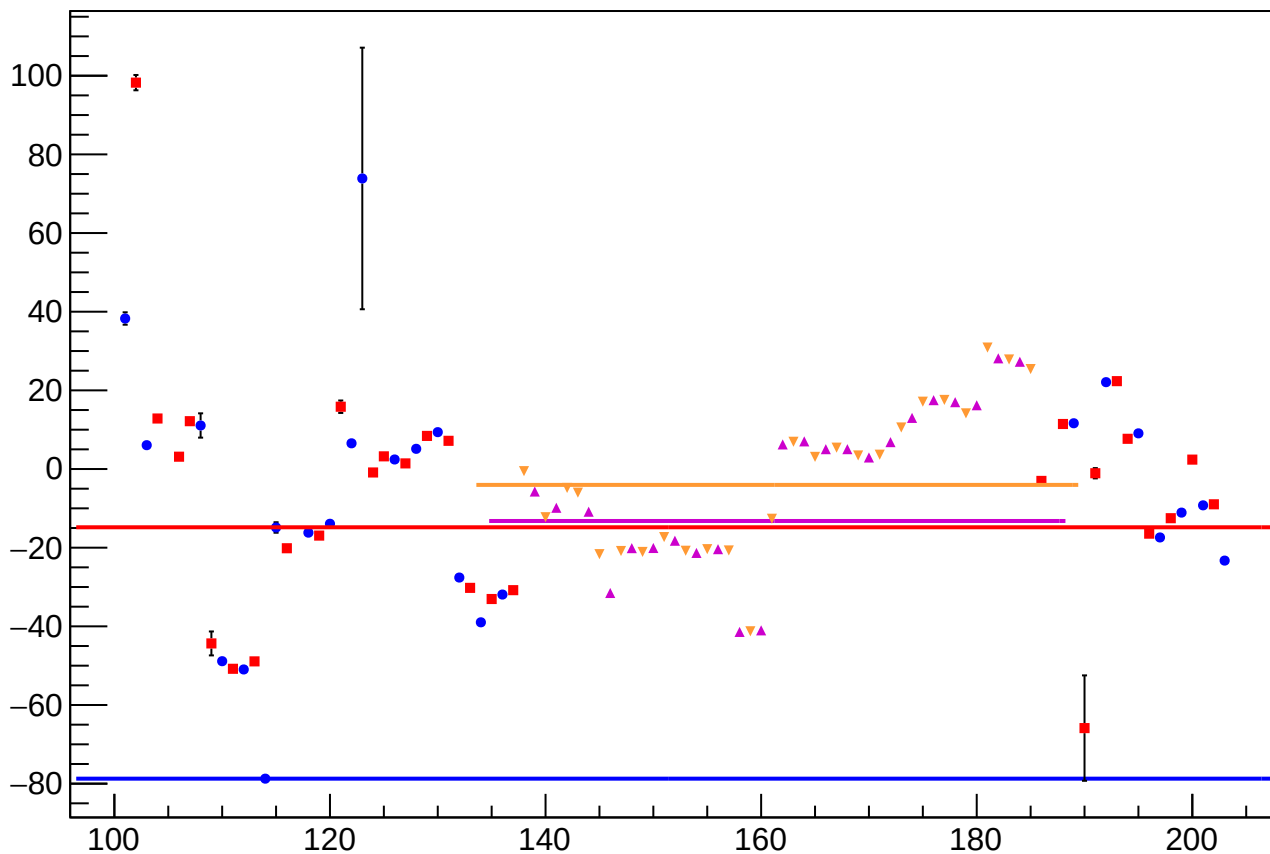
Left In: -258.240 ± 0.017 $\chi^2/\text{NDF}: 268186.3/22$

+ sign -292.986 ± 0.000 $\chi^2/\text{NDF}: 4459657.6/48$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 10747791.6/9$

- sign -264.208 ± 0.015 $\chi^2/\text{NDF}: 2754678.3/50$

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1676543.1/23$

Left Out: -4.036 ± 0.017 $\chi^2/\text{NDF}: 1369619.3/24$

Right Out: -14.814 ± 0.063 $\chi^2/\text{NDF}: 101896.9/27$

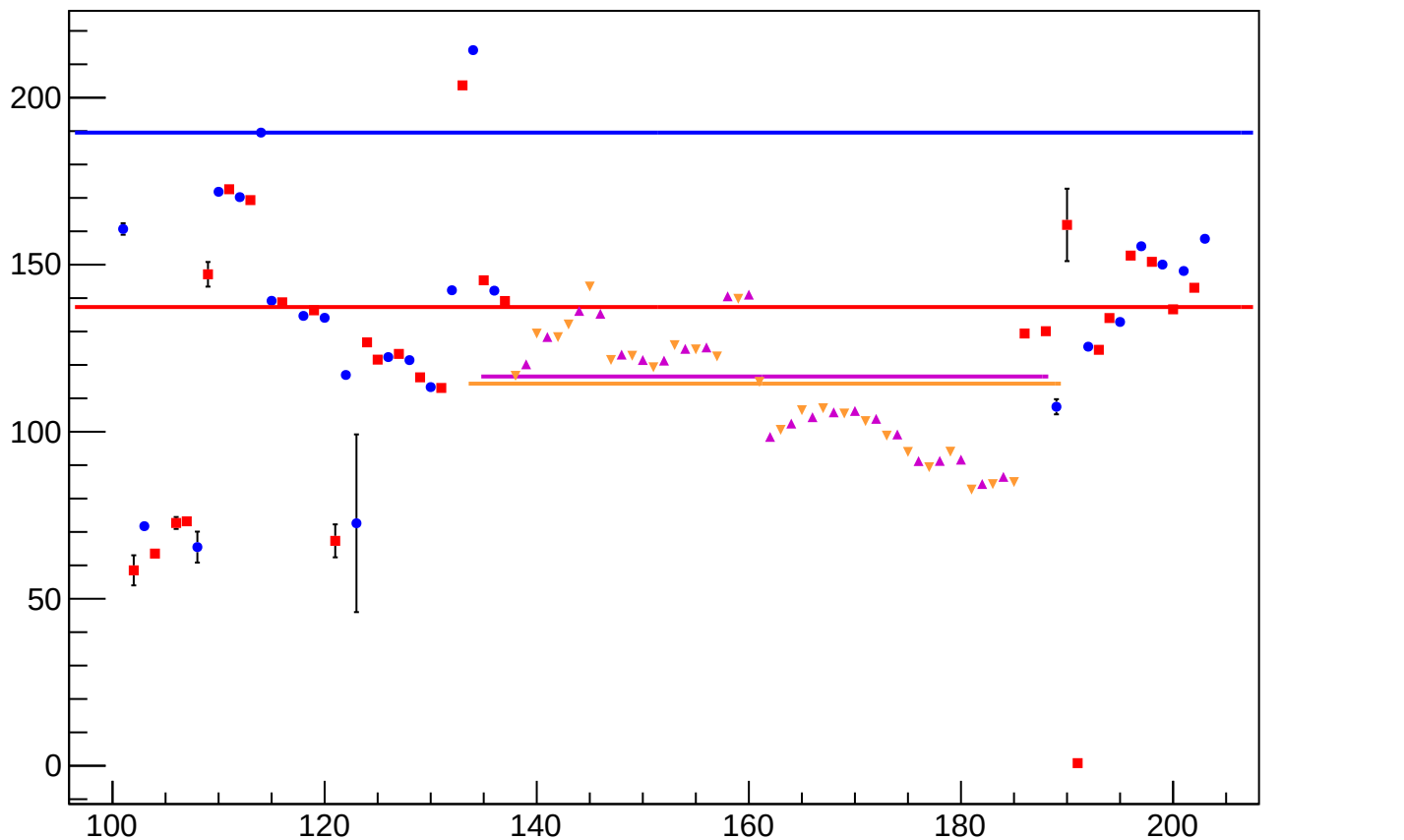
Left In: -13.213 ± 0.017 $\chi^2/\text{NDF}: 1356033.4/22$

+ sign -78.728 ± 0.000 $\chi^2/\text{NDF}: 22186856.0/48$

All: -78.728 ± 0.000 $\chi^2/\text{NDF}: 39677201.5/99$

- sign -13.321 ± 0.016 $\chi^2/\text{NDF}: 1458536.2/50$

dit_atr2_4eY_slope vs Slug



Right In: 189.551 ± 0.000 $\chi^2/\text{NDF}: 1049023.0/23$

Left Out: 114.395 ± 0.023 $\chi^2/\text{NDF}: 434871.2/24$

Right Out: 137.329 ± 0.054 $\chi^2/\text{NDF}: 130727.2/27$

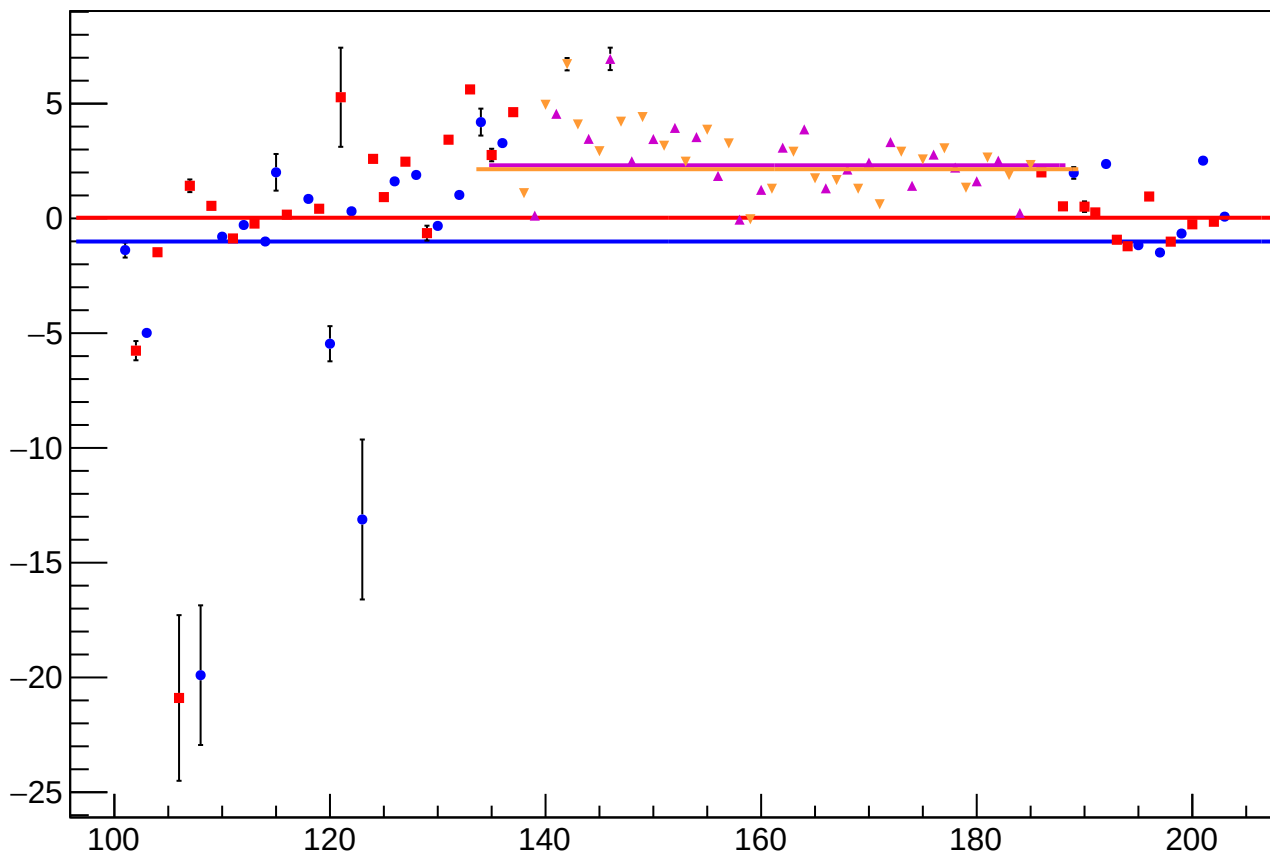
Left In: 116.538 ± 0.024 $\chi^2/\text{NDF}: 458128.6/22$

+ sign 189.551 ± 0.000 $\chi^2/\text{NDF}: 12570150.2/48$

All: 189.551 ± 0.000 $\chi^2/\text{NDF}: 23649818.7/99$

- sign 119.856 ± 0.022 $\chi^2/\text{NDF}: 712609.5/50$

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: 0.029 ± 0.013 χ^2/NDF : 5995.0/27

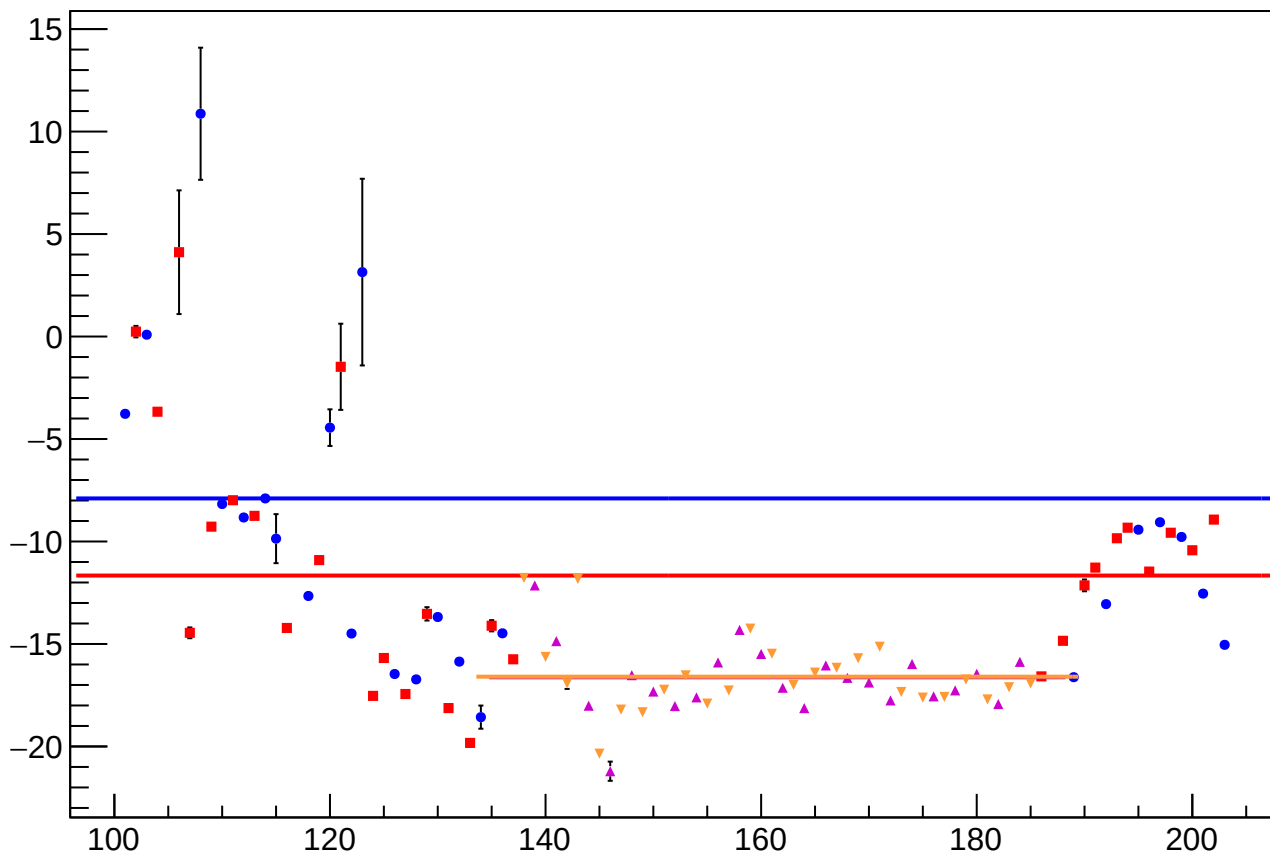
Left In: 2.313 ± 0.014 χ^2/NDF : 7446.3/22

+ sign -1.007 ± 0.000 χ^2/NDF : 61507.0/48

All: -1.007 ± 0.000 χ^2/NDF : 137010.6/99

- sign 1.082 ± 0.010 χ^2/NDF : 27664.1/50

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 $\chi^2/\text{NDF}: 52420.1/23$

Left Out: -16.595 ± 0.014 $\chi^2/\text{NDF}: 8432.7/24$

Right Out: -11.661 ± 0.015 $\chi^2/\text{NDF}: 39681.3/27$

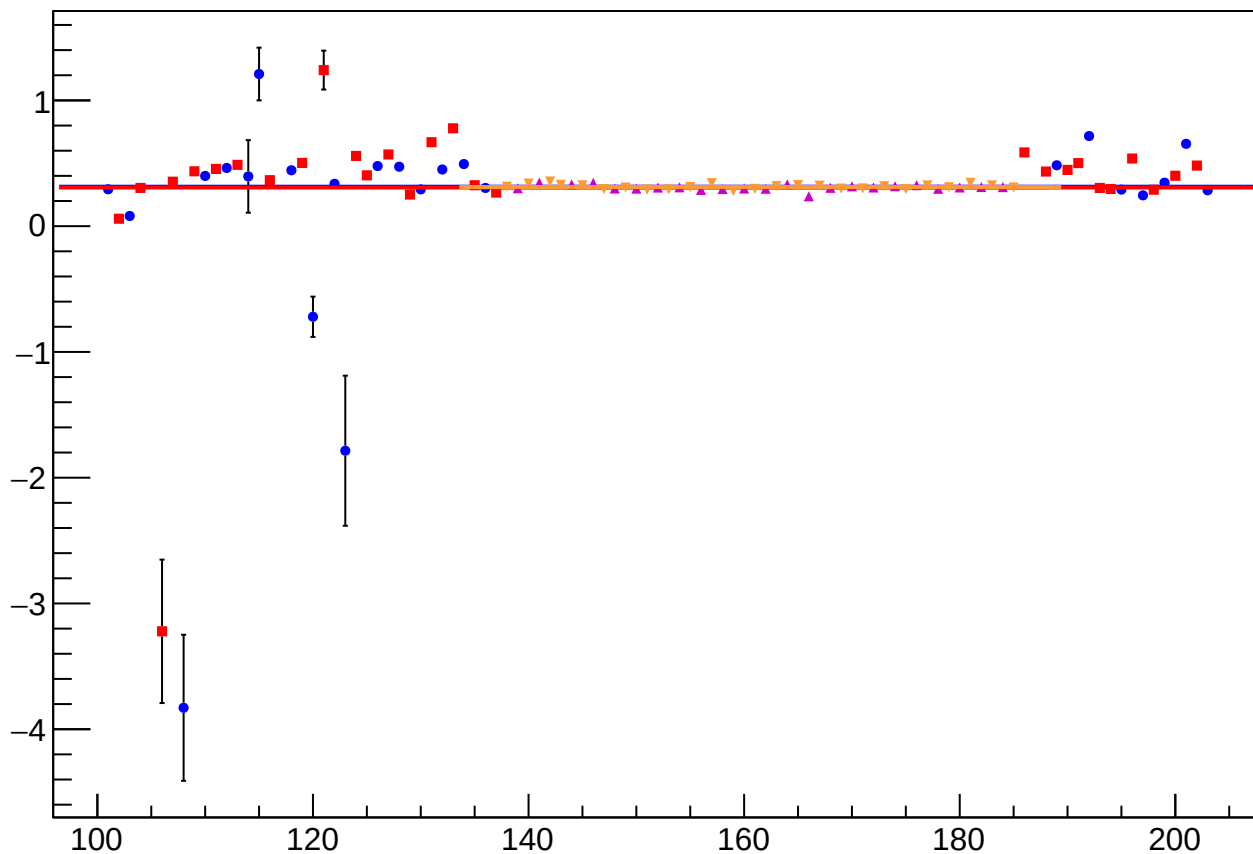
Left In: -16.625 ± 0.015 $\chi^2/\text{NDF}: 6289.5/22$

+ sign -7.899 ± 0.000 $\chi^2/\text{NDF}: 426698.3/48$

All: -7.899 ± 0.000 $\chi^2/\text{NDF}: 890271.6/99$

- sign -14.158 ± 0.010 $\chi^2/\text{NDF}: 102697.4/50$

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 3707.9/23

Left Out: 0.311 ± 0.000 χ^2/NDF : 4975.7/24

Right Out: 0.307 ± 0.001 χ^2/NDF : 8463.5/27

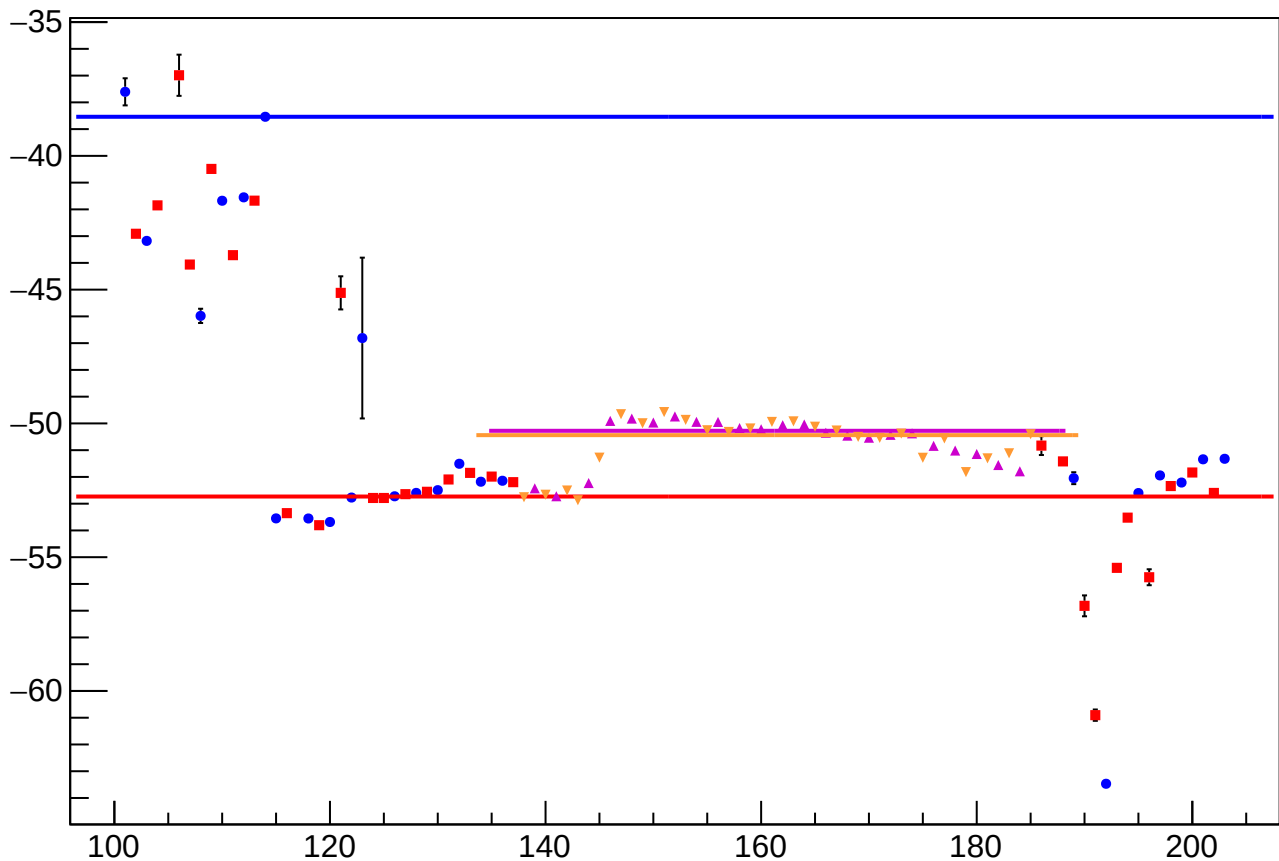
Left In: 0.310 ± 0.000 χ^2/NDF : 3074.6/22

+ sign 0.311 ± 0.000 χ^2/NDF : 8693.5/48

All: 0.310 ± 0.000 χ^2/NDF : 20254.4/99

- sign 0.310 ± 0.000 χ^2/NDF : 11546.8/50

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 15275040.1/23

Left Out: -50.438 ± 0.001 χ^2/NDF : 299897.3/24

Right Out: -52.733 ± 0.002 χ^2/NDF : 85004.0/27

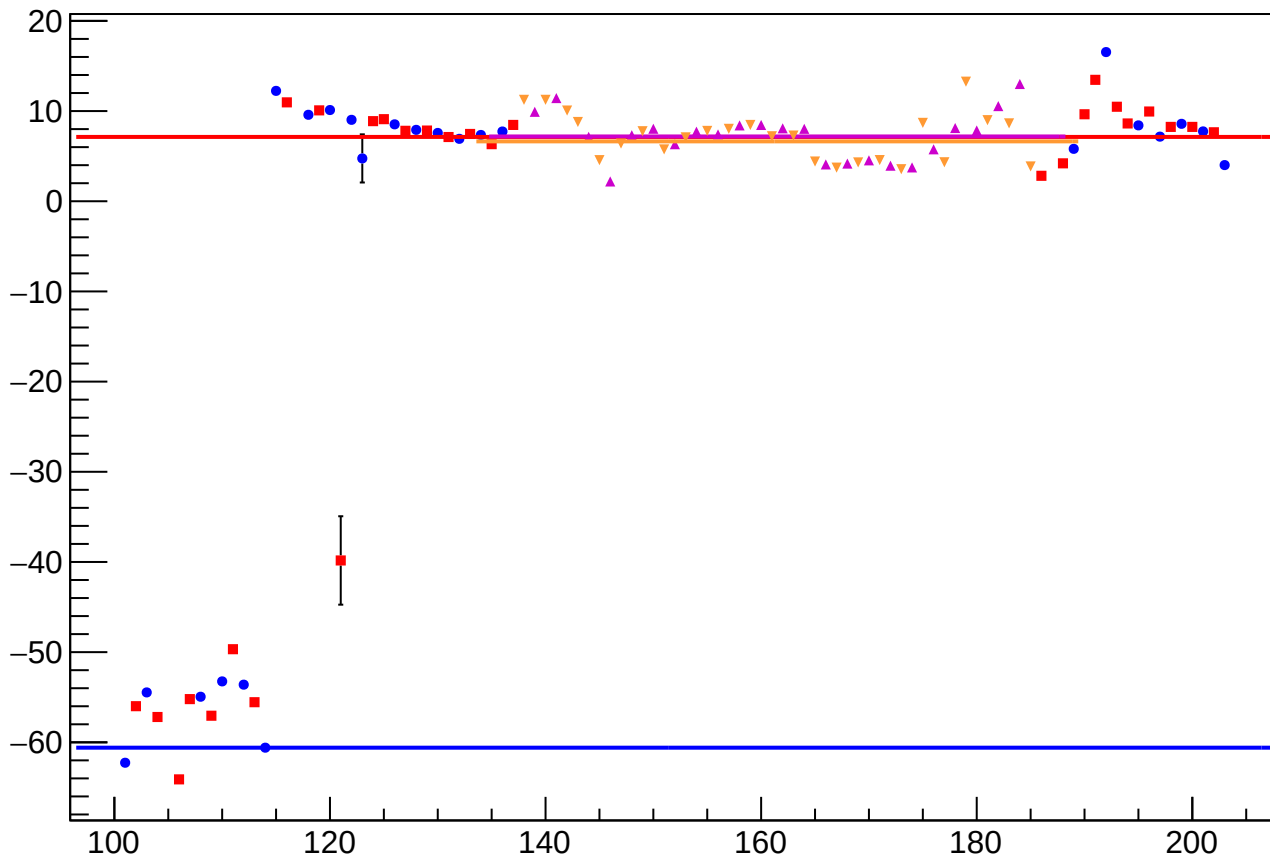
Left In: -50.276 ± 0.001 χ^2/NDF : 190236.3/22

+ sign -38.539 ± 0.000 χ^2/NDF : 91154266.6/48

All: -38.539 ± 0.000 χ^2/NDF : 237028655.6/9

- sign -51.036 ± 0.001 χ^2/NDF : 1467723.6/50

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: 7.133 ± 0.010 $\chi^2/\text{NDF}: 1166070.5/27$

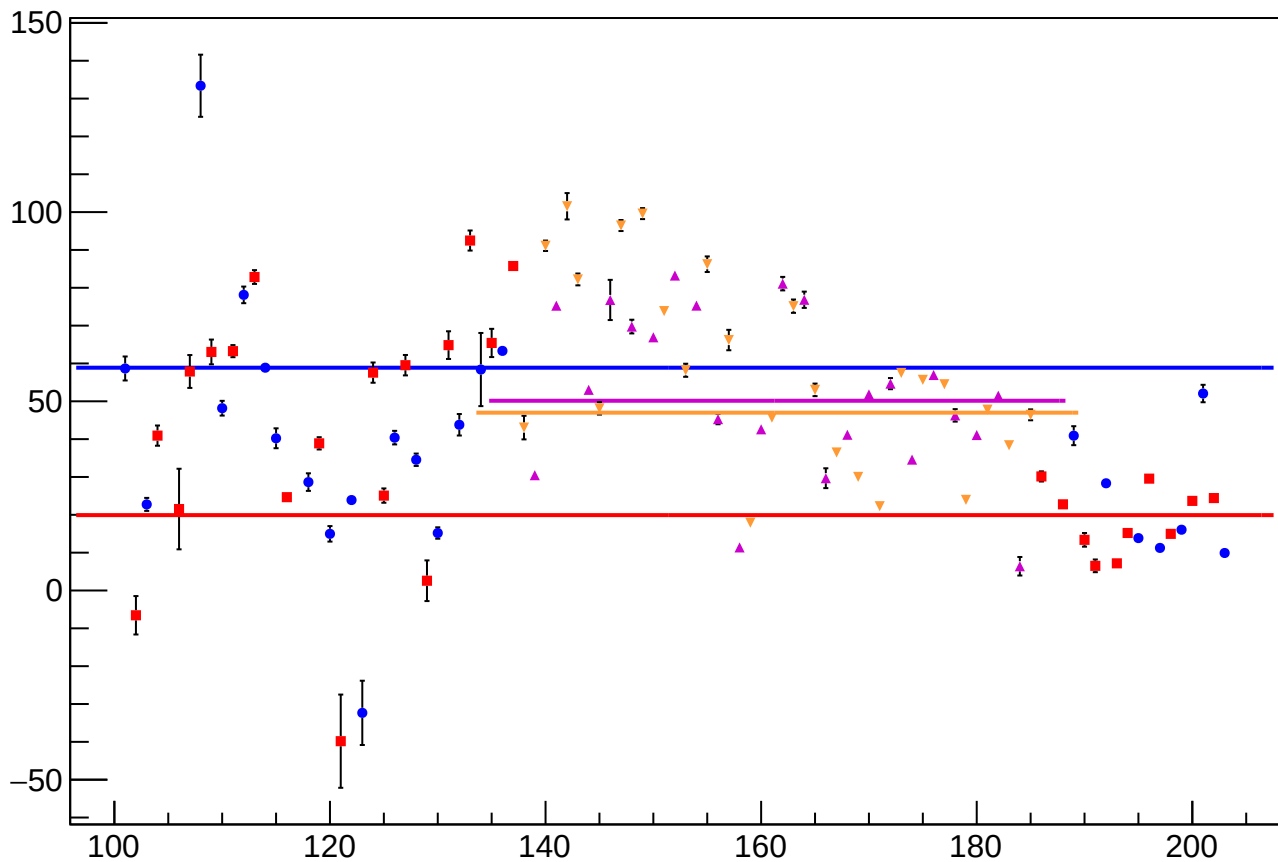
Left In: 7.179 ± 0.003 $\chi^2/\text{NDF}: 214127.6/22$

+ sign -60.594 ± 0.000 $\chi^2/\text{NDF}: 368009574.3/48$

All: -60.594 ± 0.000 $\chi^2/\text{NDF}: 803545647.4/9$

- sign 7.174 ± 0.003 $\chi^2/\text{NDF}: 1380219.0/50$

dit_sam2_4aX_slope vs Slug



Right In: 58.880 ± 0.000 χ^2/NDF : 41805.0/23

Left Out: 46.995 ± 0.215 χ^2/NDF : 9203.7/24

Right Out: 19.920 ± 0.146 χ^2/NDF : 10905.7/27

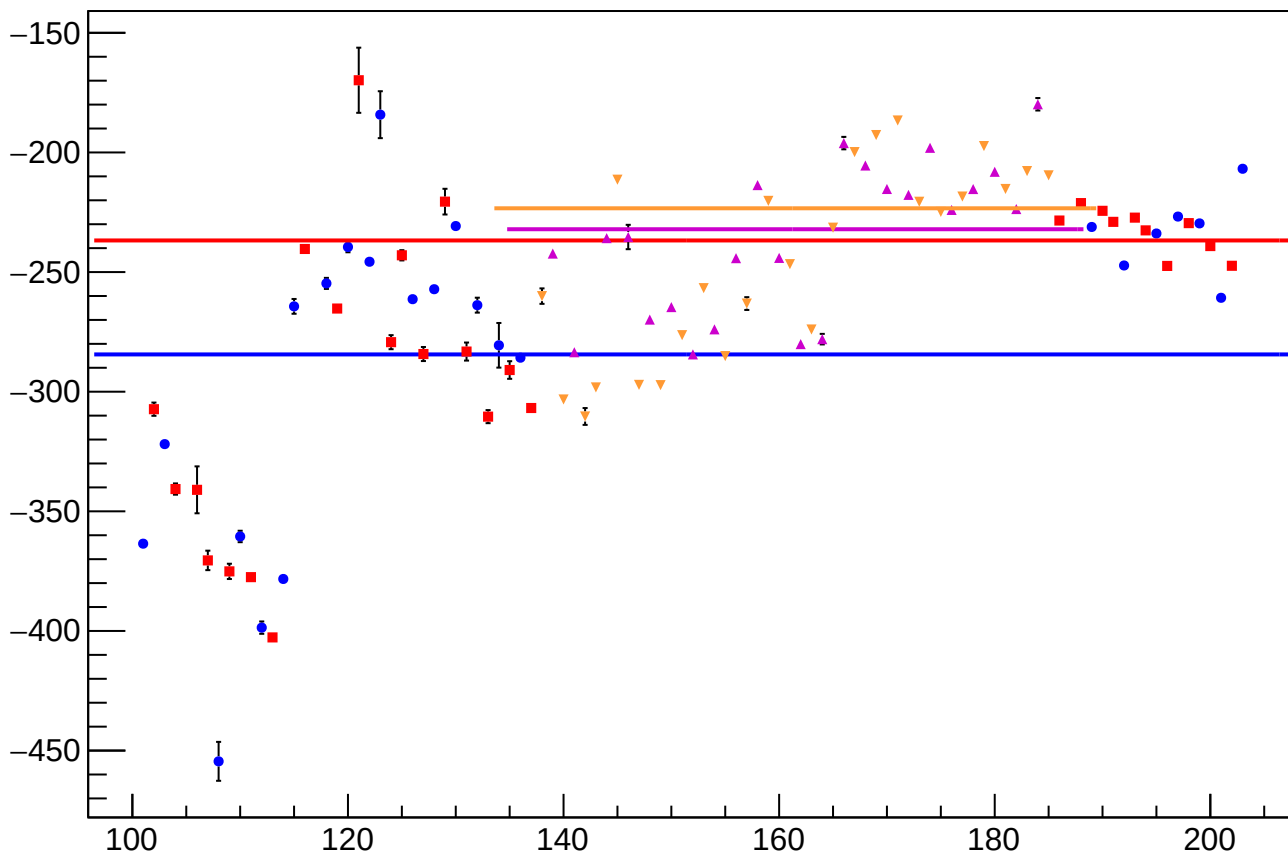
Left In: 50.144 ± 0.212 χ^2/NDF : 6667.7/22

+ sign 58.880 ± 0.000 χ^2/NDF : 54065.4/48

All: 58.880 ± 0.000 χ^2/NDF : 144485.7/99

- sign 29.680 ± 0.120 χ^2/NDF : 31398.8/50

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: -236.783 ± 0.132 χ^2/NDF : 29025.7/27

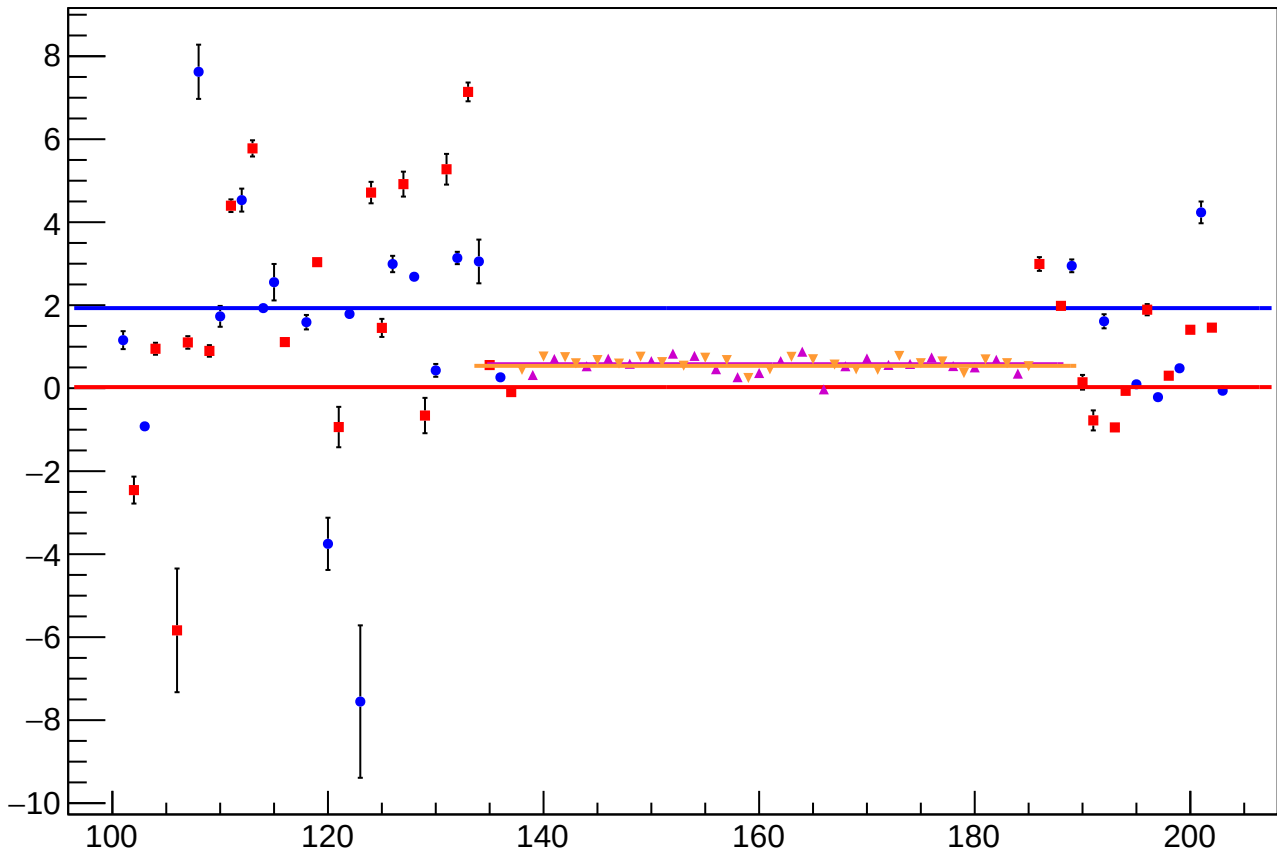
Left In: -232.094 ± 0.217 χ^2/NDF : 17468.1/22

+ sign -261.718 ± 0.131 χ^2/NDF : 252869.6/48

All: -246.666 ± 0.086 χ^2/NDF : 322568.3/99

- sign -235.515 ± 0.113 χ^2/NDF : 46833.1/50

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 65623.8/23

Left Out: 0.539 ± 0.002 χ^2/NDF : 10792.6/24

Right Out: 0.026 ± 0.004 χ^2/NDF : 12119.3/27

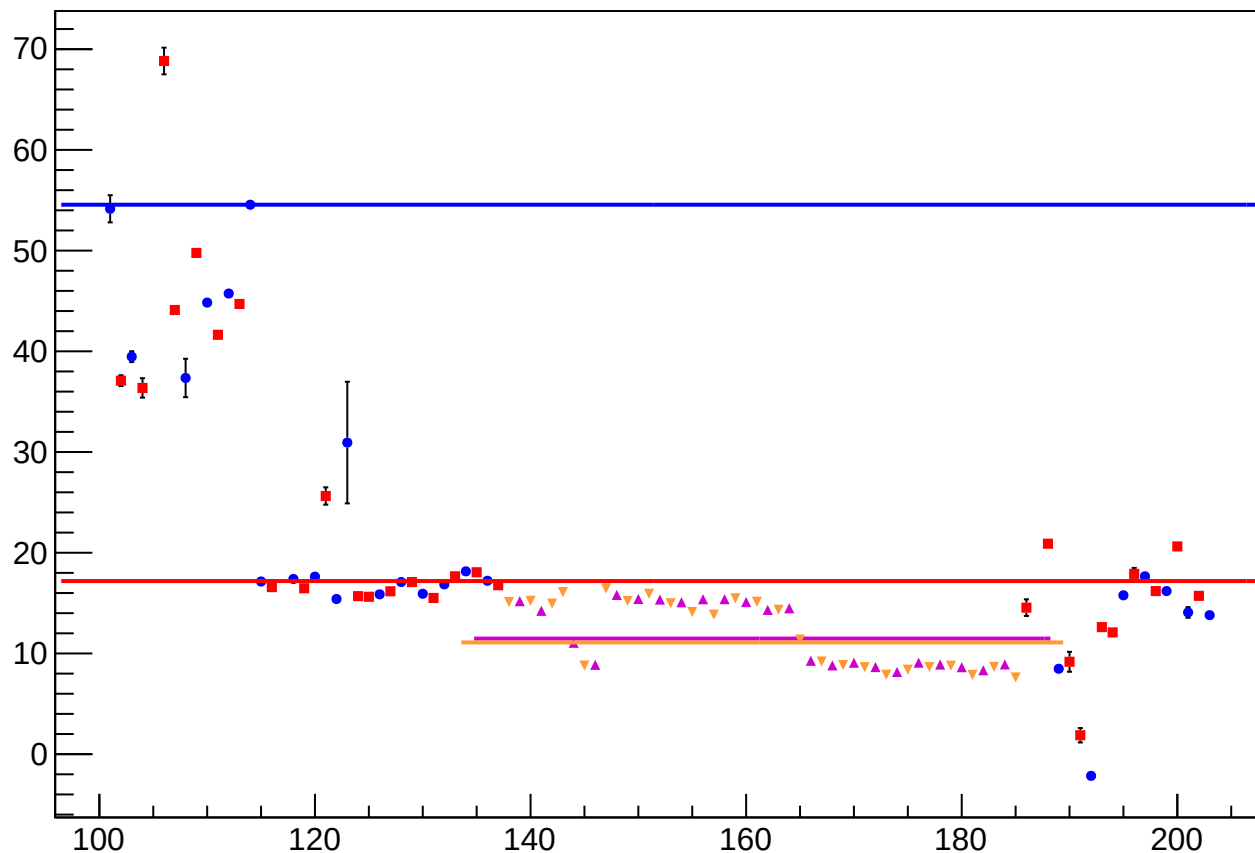
Left In: 0.577 ± 0.001 χ^2/NDF : 15533.6/22

+ sign 1.930 ± 0.000 χ^2/NDF : 767700.3/48

All: 1.930 ± 0.000 χ^2/NDF : 1862363.7/99

- sign 0.520 ± 0.001 χ^2/NDF : 42515.9/50

dit_sam2_4aY_slope vs Slug



Right In: 54.556 ± 0.000 χ^2/NDF : 9984538.5/23

Left Out: 11.095 ± 0.005 χ^2/NDF : 381518.3/24

Right Out: 17.190 ± 0.018 χ^2/NDF : 62674.1/27

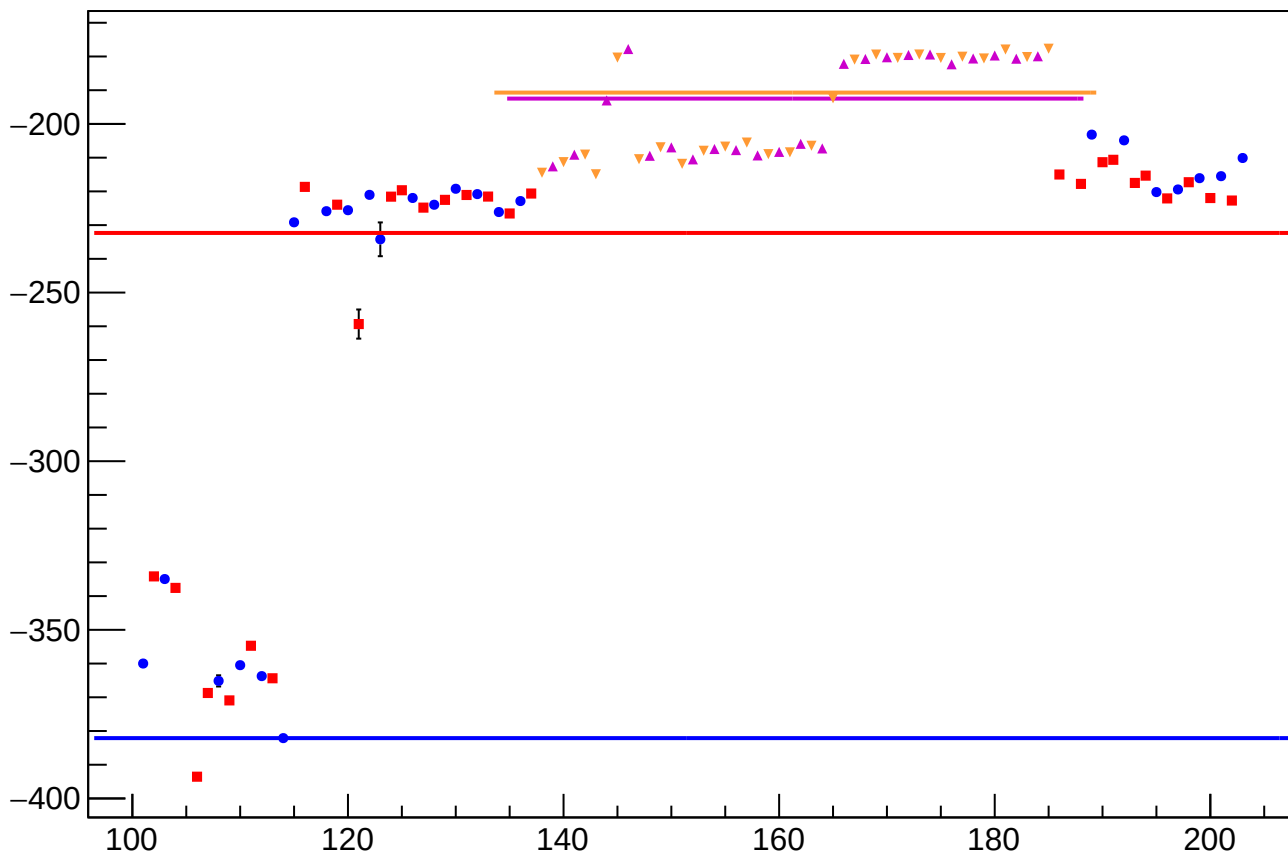
Left In: 11.477 ± 0.005 χ^2/NDF : 381285.2/22

+ sign 54.556 ± 0.000 χ^2/NDF : 76191337.2/48

All: 54.556 ± 0.000 χ^2/NDF : 148901258.9/99

- sign 11.923 ± 0.005 χ^2/NDF : 537091.3/50

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 20030667.1/23

Left Out: -190.703+/-0.011 χ^2/NDF : 1602184.8/24

Right Out: -232.323+/-0.045 χ^2/NDF : 660678.1/27

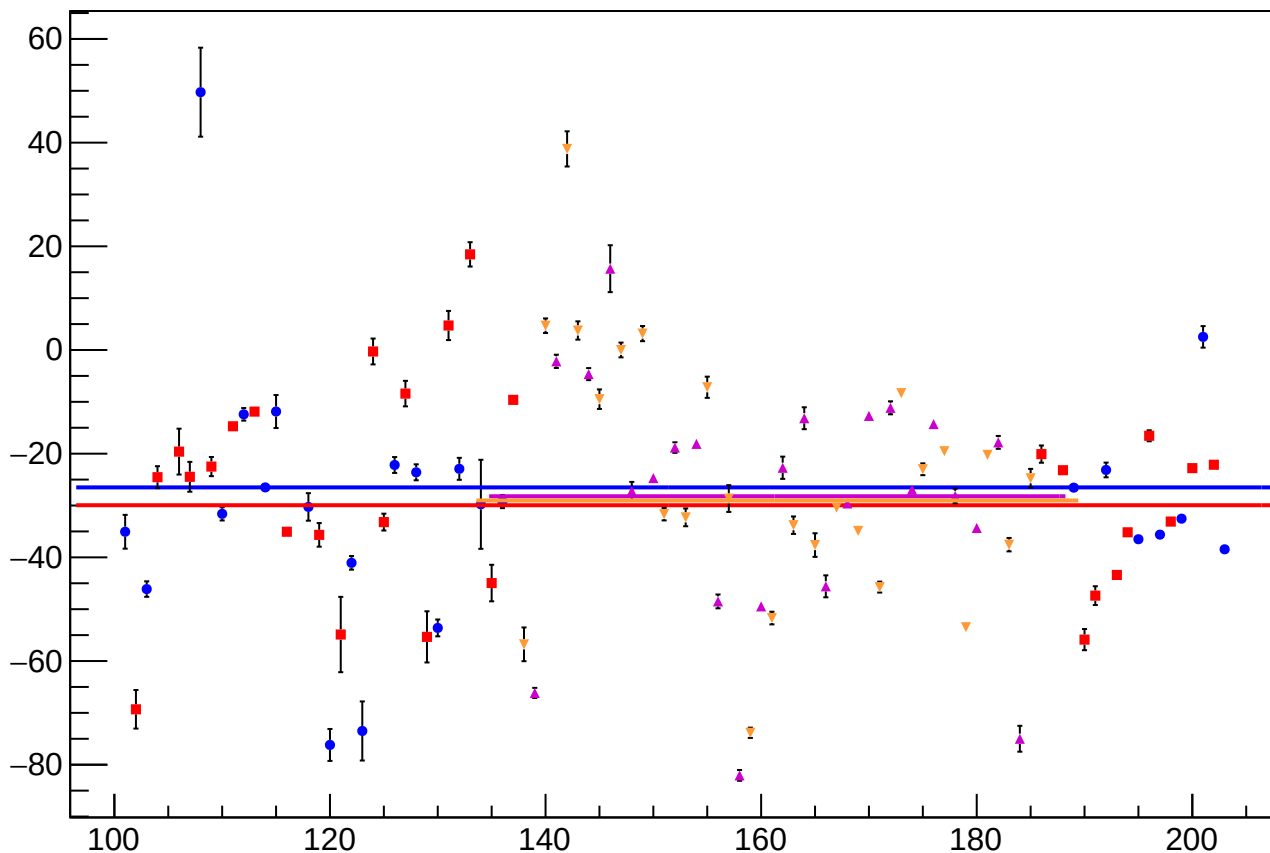
Left In: -192.488+/-0.011 χ^2/NDF : 1500910.9/22

+ sign -382.108+/-0.000 χ^2/NDF : 315969497.5/48

All: -382.108+/-0.000 χ^2/NDF : 606188820.6/200

- sign -194.859+/-0.011 χ^2/NDF : 2889592.8/50

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 2682.7/23$

Left Out: -29.022 ± 0.235 $\chi^2/\text{NDF}: 7110.5/24$

Right Out: -29.944 ± 0.155 $\chi^2/\text{NDF}: 4891.1/27$

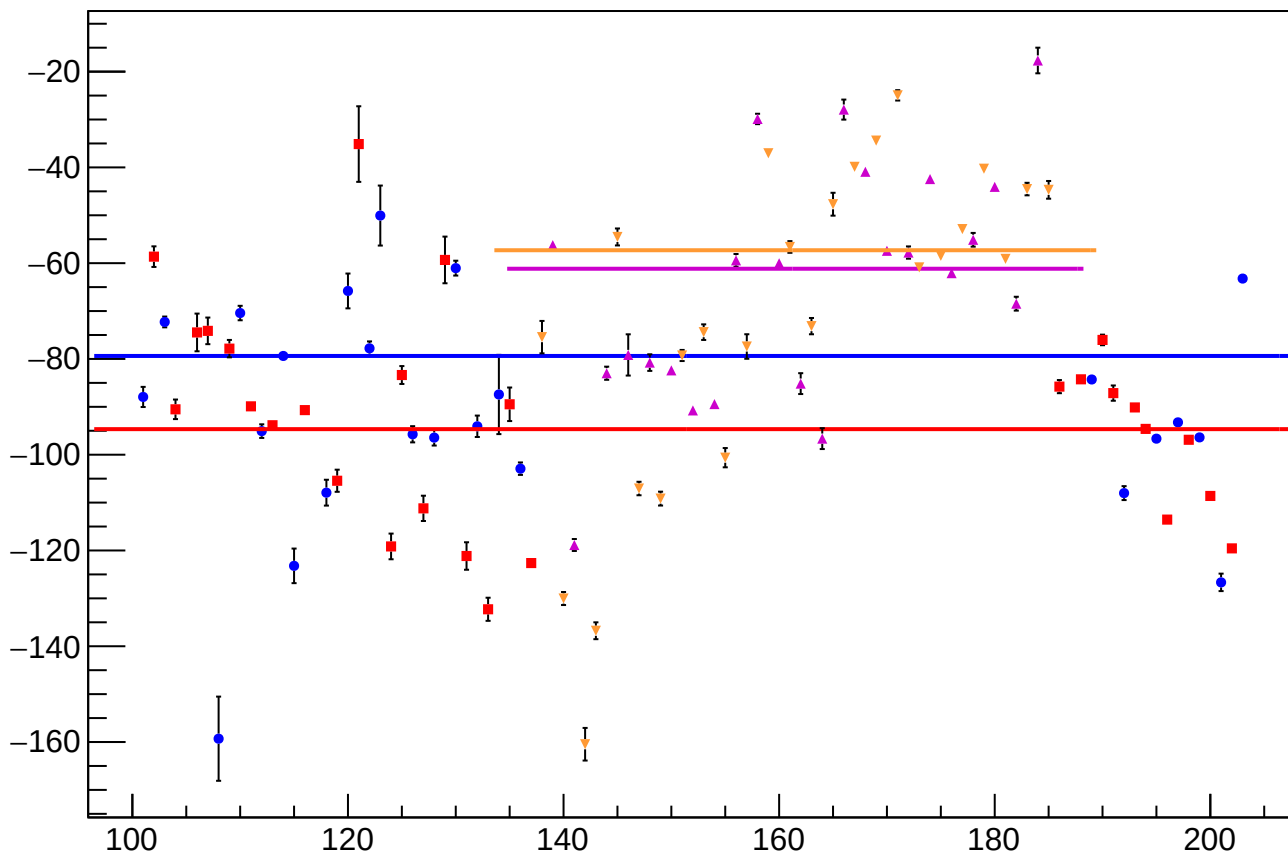
Left In: -28.215 ± 0.215 $\chi^2/\text{NDF}: 7786.5/22$

+ sign -26.504 ± 0.000 $\chi^2/\text{NDF}: 9908.2/48$

All: -26.504 ± 0.000 $\chi^2/\text{NDF}: 23141.2/99$

- sign -29.351 ± 0.126 $\chi^2/\text{NDF}: 12720.3/50$

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: -94.661 ± 0.134 χ^2/NDF : 5904.0/27

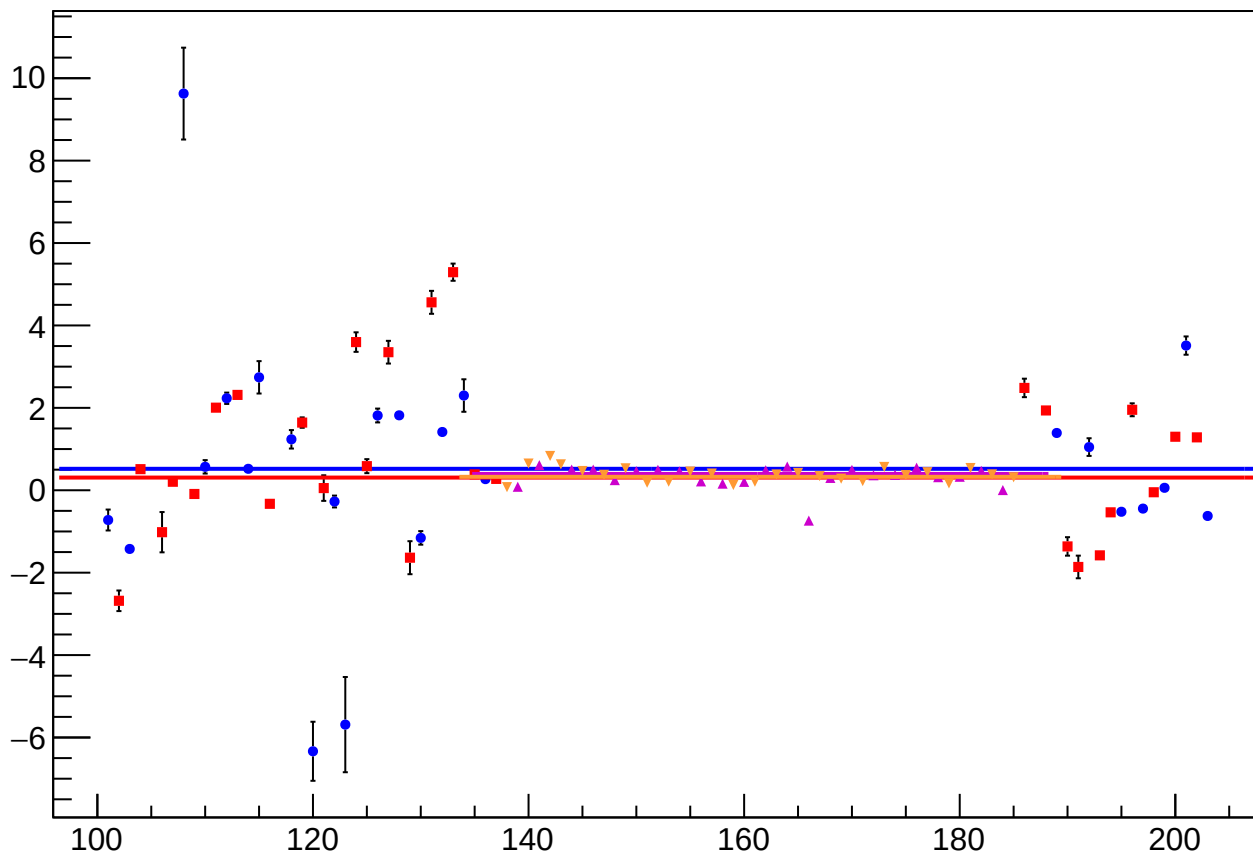
Left In: -61.164 ± 0.218 χ^2/NDF : 8941.7/22

+ sign -79.376 ± 0.000 χ^2/NDF : 28365.5/48

All: -79.376 ± 0.000 χ^2/NDF : 63258.4/99

- sign -85.466 ± 0.114 χ^2/NDF : 32039.6/50

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 : 6378.1/27

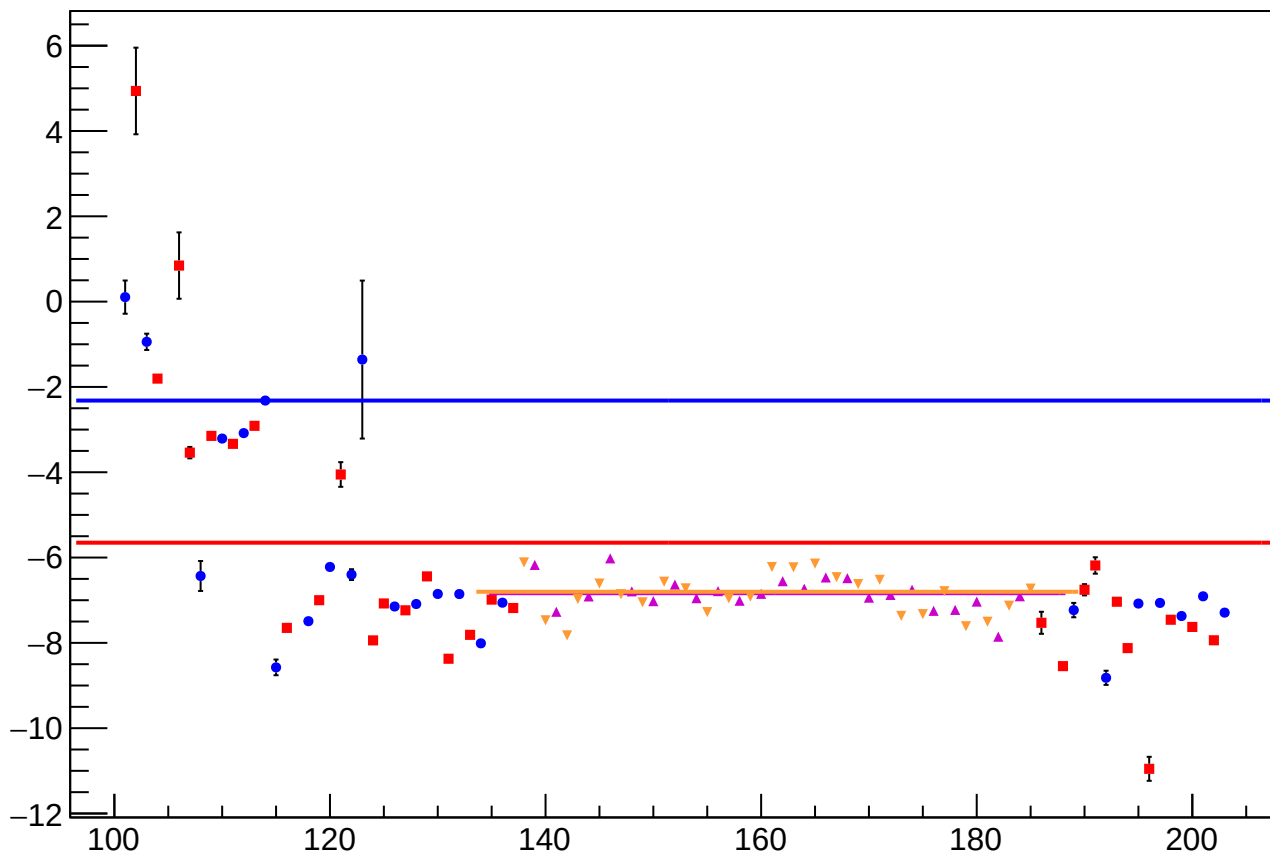
Left In: 0.396 ± 0.001 χ^2/NDF : 11392.0/22

+ sign 0.521 ± 0.000 χ^2/NDF : 29698.6/48

All: 0.521 ± 0.000 χ^2/NDF : 55446.5/99

- sign 0.394 ± 0.001 χ^2/NDF : 17847.2/50

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: -5.651 ± 0.009 χ^2/NDF : 67540.0/27

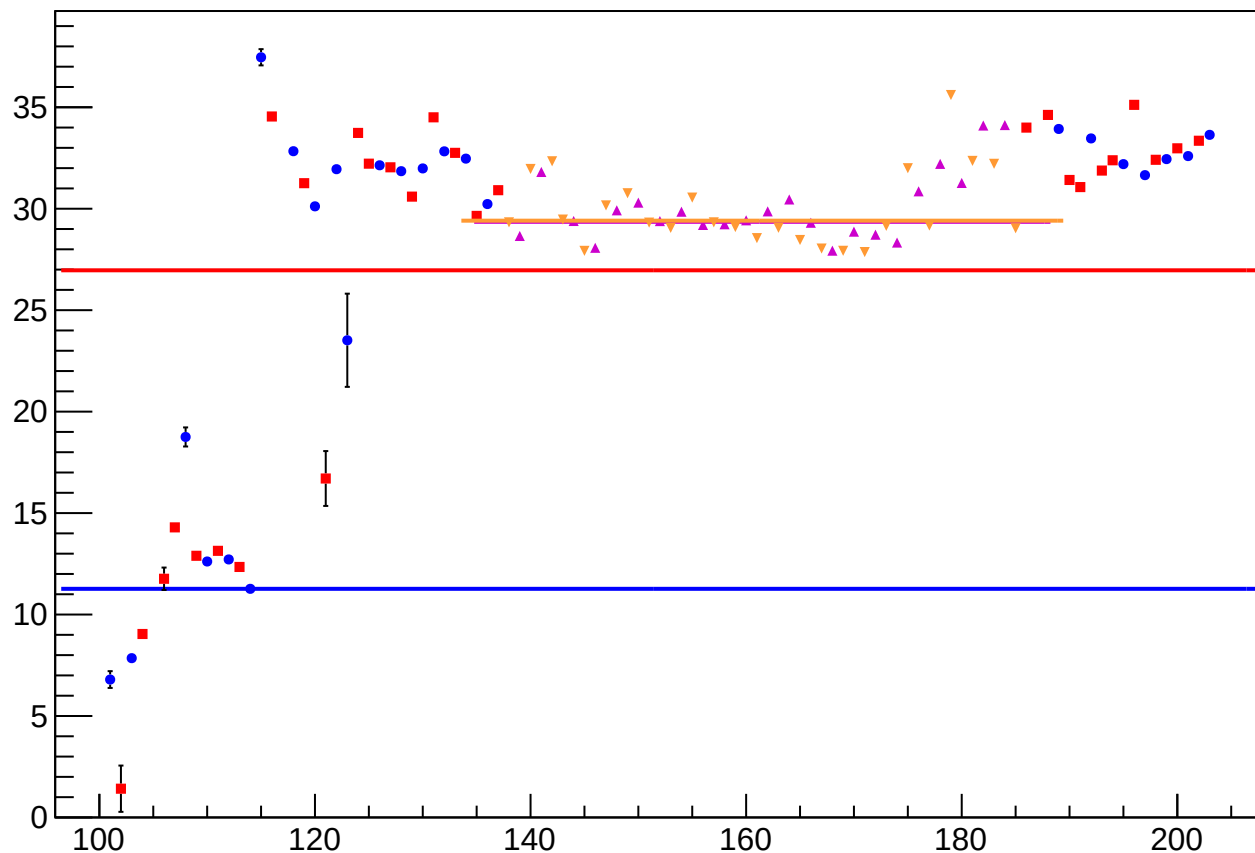
Left In: -6.836 ± 0.002 χ^2/NDF : 9245.1/22

+ sign -2.320 ± 0.000 χ^2/NDF : 3570139.6/48

All: -2.320 ± 0.000 χ^2/NDF : 7303016.5/99

- sign -6.753 ± 0.002 χ^2/NDF : 93715.2/50

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF : 1710270.5/23

Left Out: 29.411+/-0.008 χ^2/NDF : 44374.5/24

Right Out: 26.965+/-0.013 χ^2/NDF : 536206.4/27

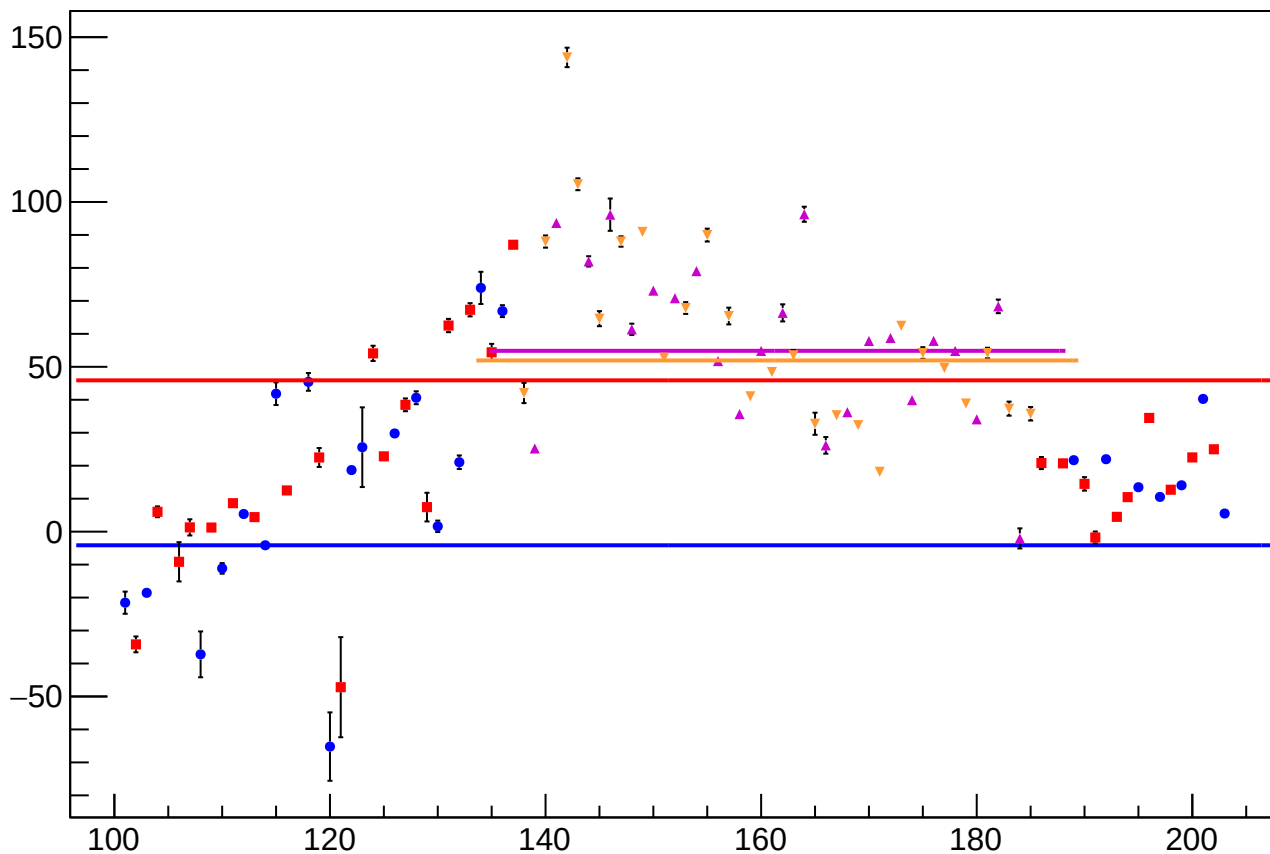
Left In: 29.354+/-0.008 χ^2/NDF : 14741.7/22

+ sign 11.268+/-0.000 χ^2/NDF : 6669895.5/48

All: 11.268+/-0.000 χ^2/NDF : 14010690.2/99

- sign 28.690+/-0.007 χ^2/NDF : 576459.3/50

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: 45.895 ± 0.146 χ^2/NDF : 63278.1/27

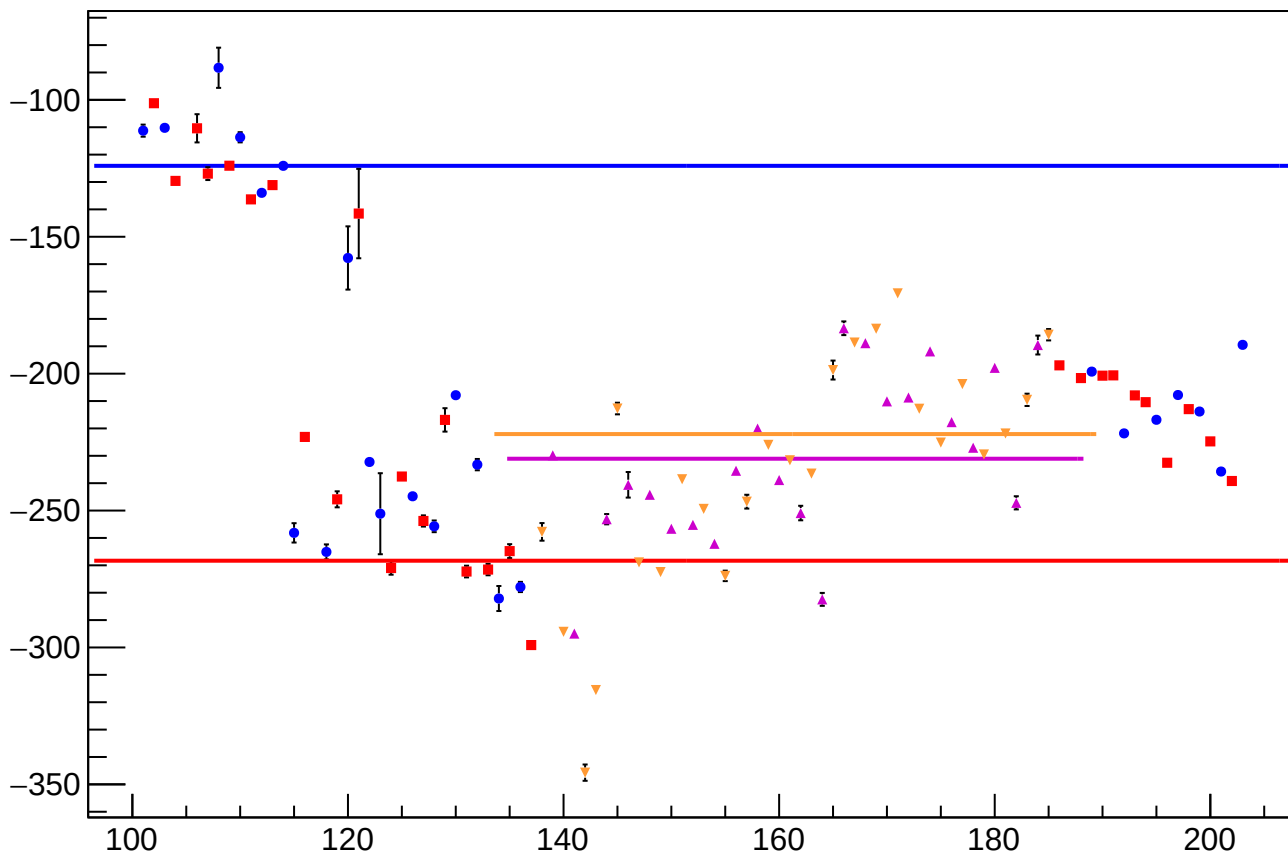
Left In: 54.849 ± 0.247 χ^2/NDF : 6325.8/22

+ sign -4.139 ± 0.000 χ^2/NDF : 56863.2/48

All: -4.139 ± 0.000 χ^2/NDF : 300592.8/99

- sign 48.215 ± 0.126 χ^2/NDF : 70576.1/50

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 $\chi^2/\text{NDF}: 144704.8/23$

Left Out: -222.063 ± 0.272 $\chi^2/\text{NDF}: 15812.2/24$

Right Out: -268.317 ± 0.102 $\chi^2/\text{NDF}: 219530.9/27$

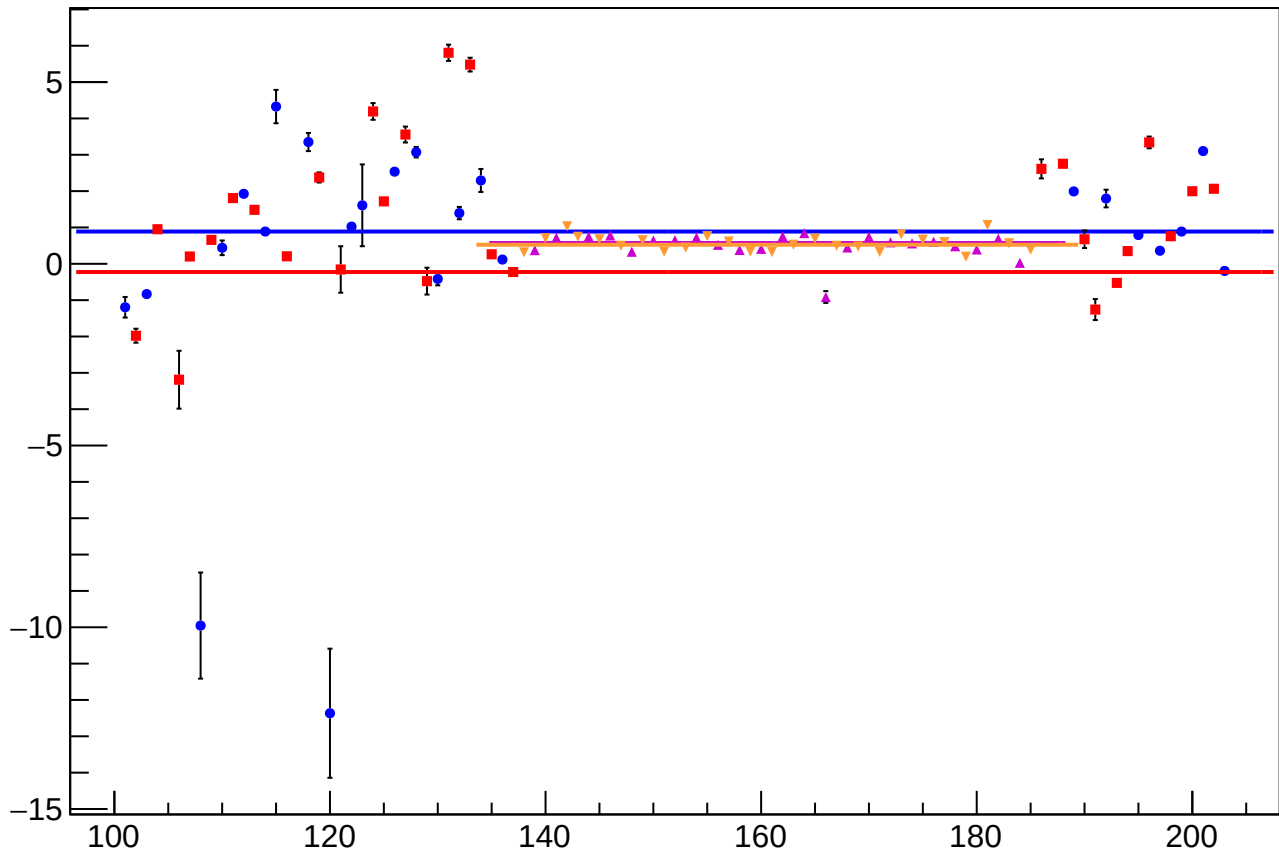
Left In: -231.069 ± 0.249 $\chi^2/\text{NDF}: 12005.6/22$

+ sign -124.095 ± 0.000 $\chi^2/\text{NDF}: 290071.3/48$

All: -124.095 ± 0.000 $\chi^2/\text{NDF}: 2722302.7/99$

- sign -263.022 ± 0.094 $\chi^2/\text{NDF}: 250660.2/50$

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 : 8629.9/27

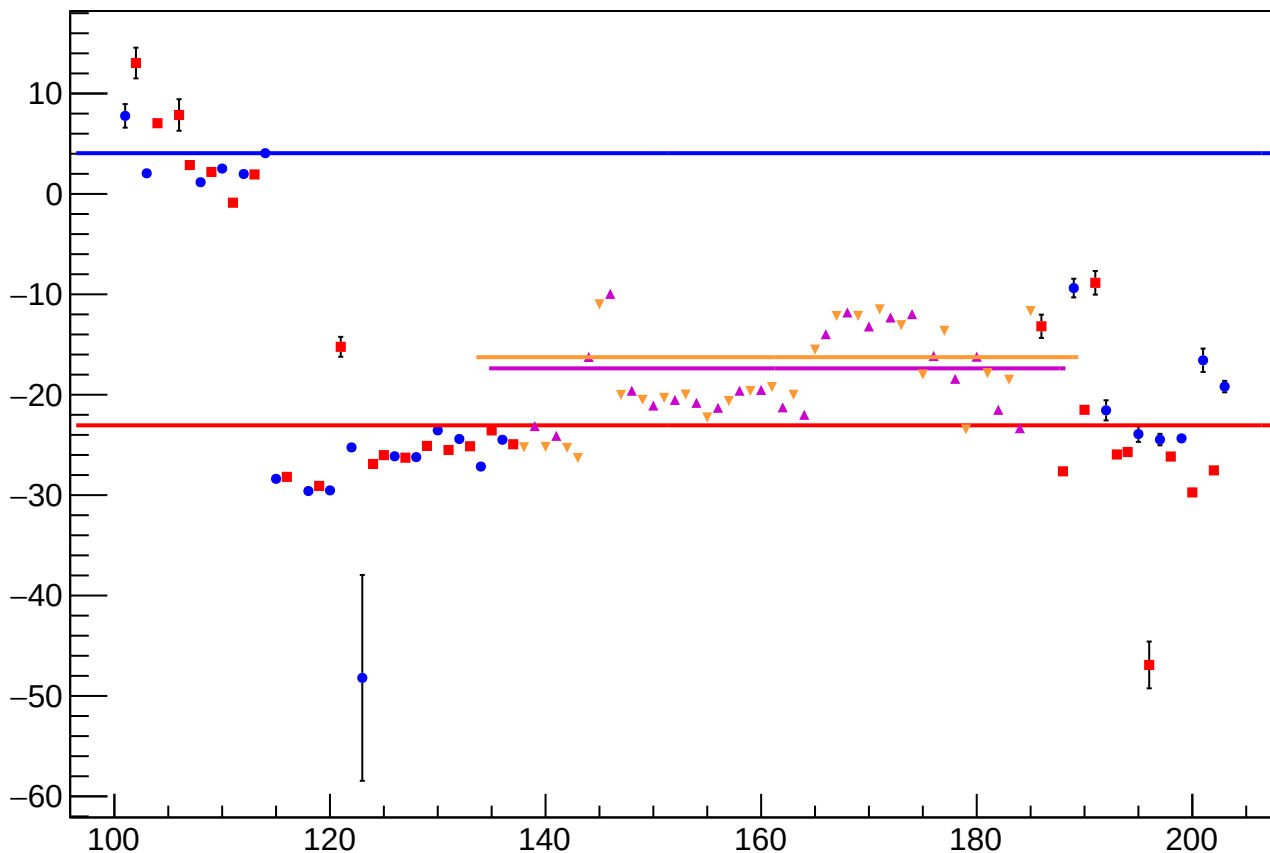
Left In: 0.572 ± 0.002 χ^2/NDF : 5600.2/22

+ sign 0.888 ± 0.000 χ^2/NDF : 50845.3/48

All: 0.888 ± 0.000 χ^2/NDF : 422295598.6/99

- sign -0.225 ± 0.000 χ^2/NDF : 176123.1/50

dit_sam4_4aY_slope vs Slug



Right In: 4.057 ± 0.000 χ^2/NDF : 1257730.1/23

Left Out: -16.260 ± 0.010 χ^2/NDF : 188515.0/24

Right Out: -23.048 ± 0.026 χ^2/NDF : 117409.4/27

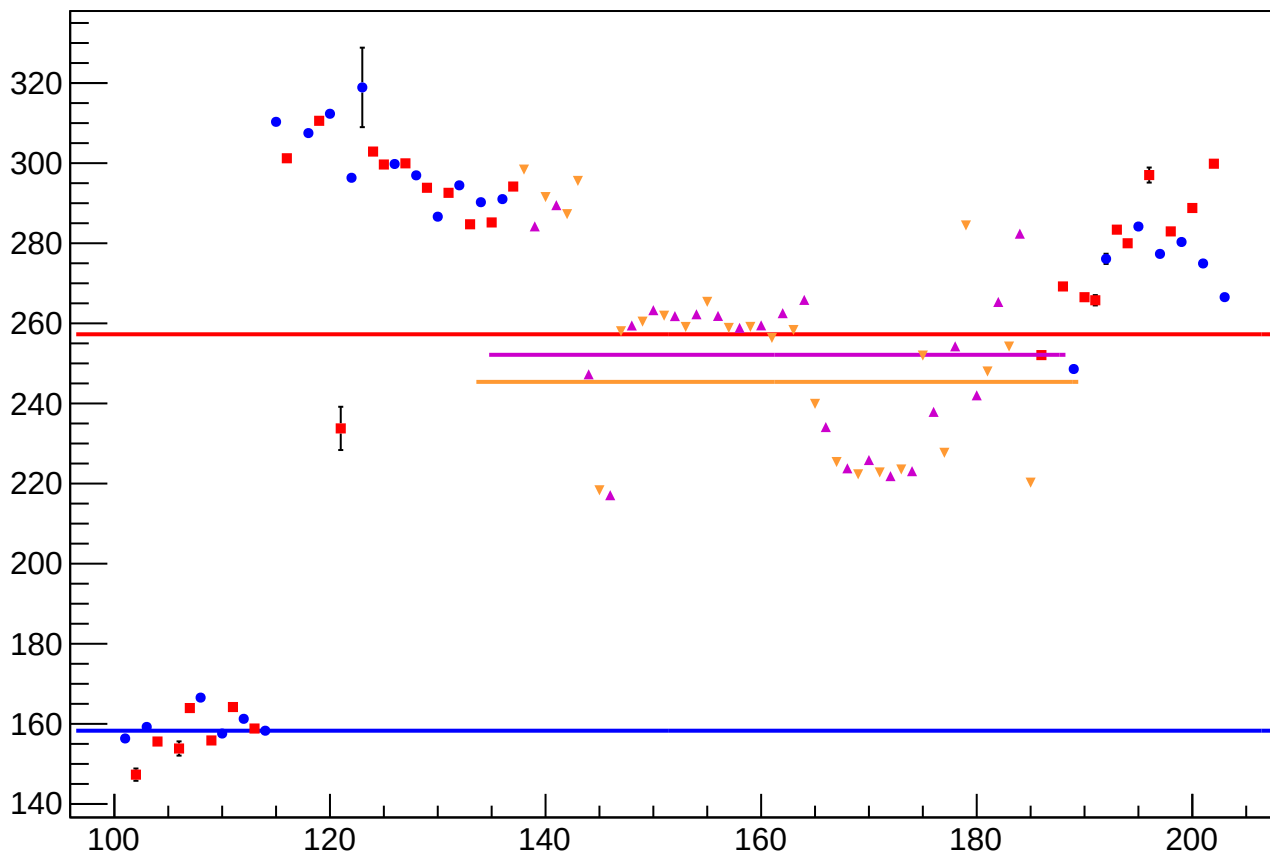
Left In: -17.374 ± 0.009 χ^2/NDF : 169487.5/22

+ sign 4.057 ± 0.000 χ^2/NDF : 5562140.2/48

All: 4.057 ± 0.000 χ^2/NDF : 12178651.4/99

- sign -18.033 ± 0.009 χ^2/NDF : 329476.6/50

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: 257.273 $\pm$ 0.060 χ^2 /NDF: 976321.5/27

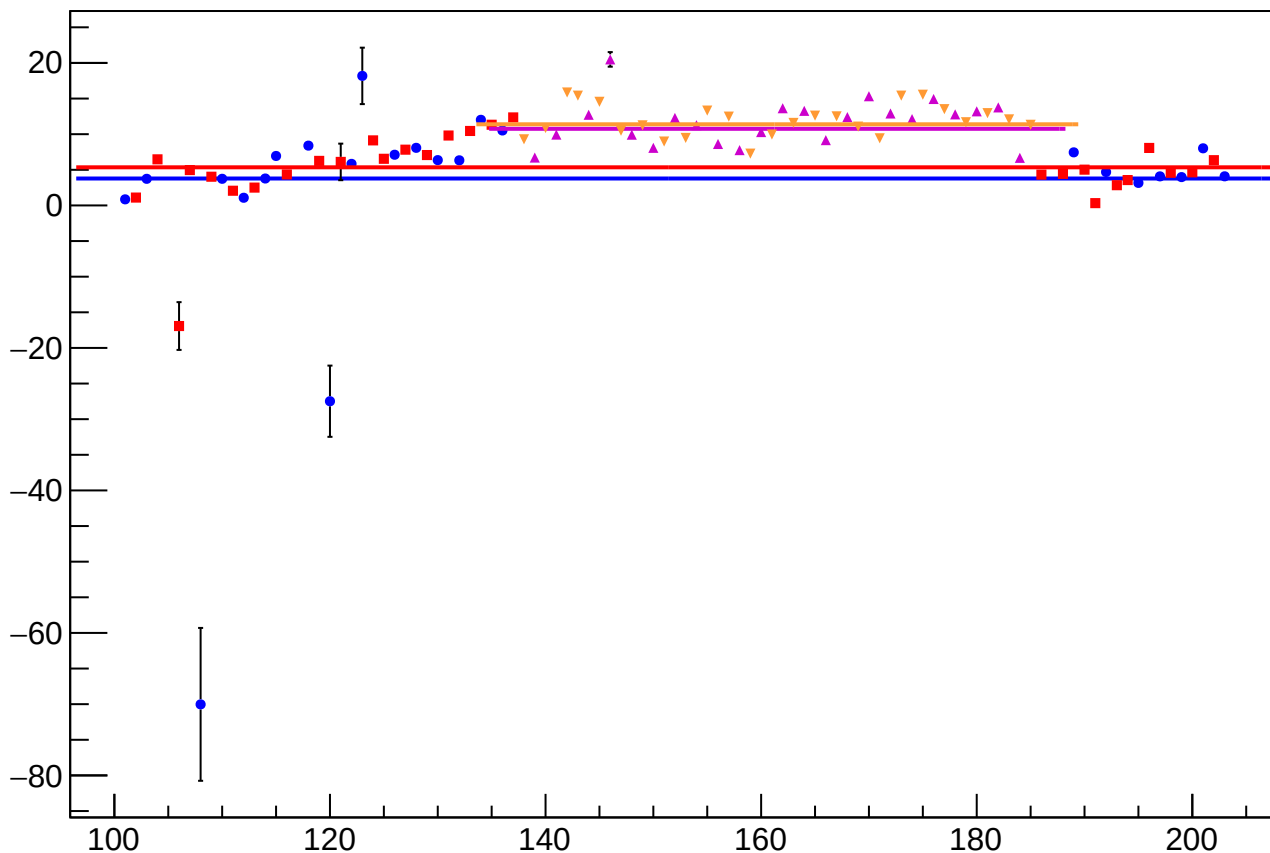
Left In: 252.148 $\pm$ 0.028 χ^2 /NDF: 359416.7/22

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 13473715.1/48

All: 158.293 $\pm$ 0.000 χ^2 /NDF: 28456576.2/99

- sign 253.072 $\pm$ 0.026 χ^2 /NDF: 1341634.8/50

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: 5.350 ± 0.020 χ^2/NDF : 20412.8/27

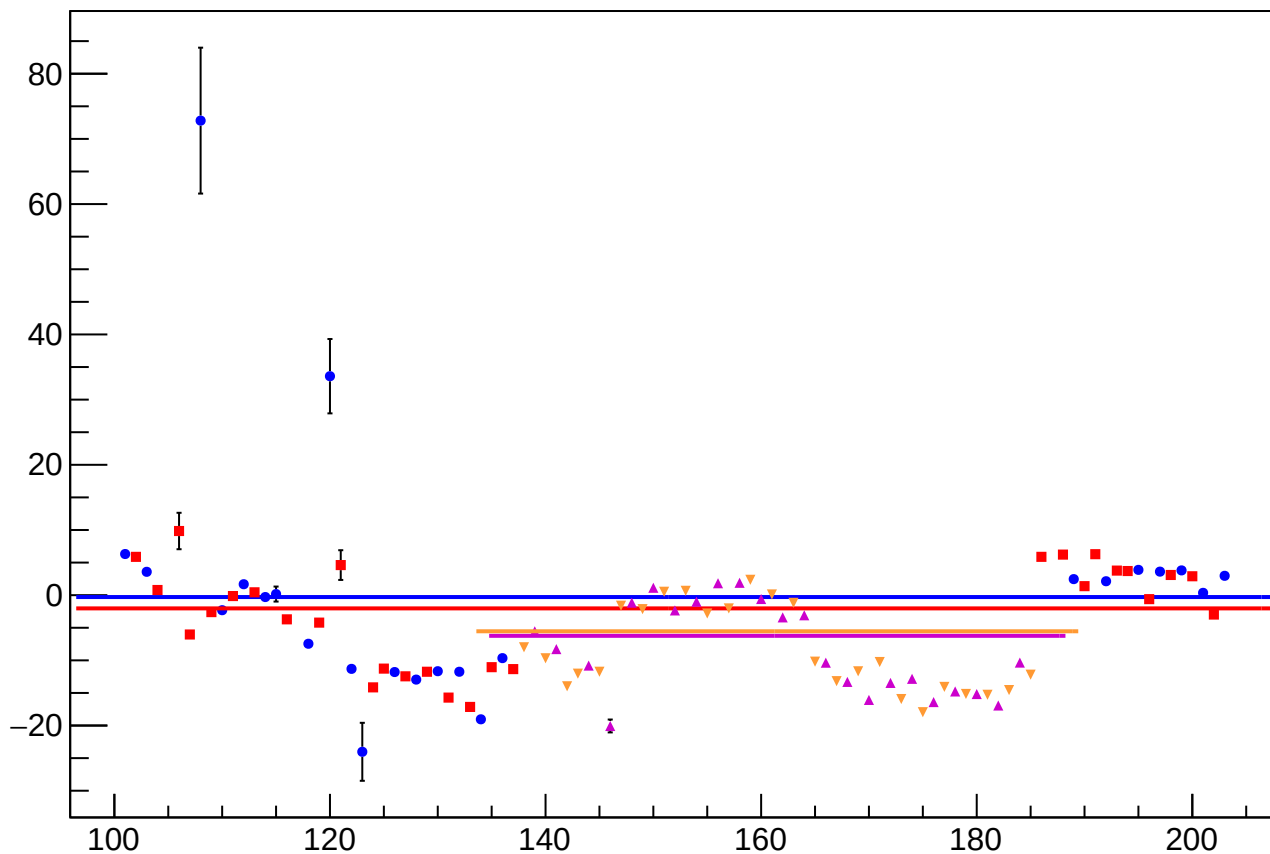
Left In: 10.753 ± 0.028 χ^2/NDF : 9950.6/22

+ sign 3.778 ± 0.000 χ^2/NDF : 75739.3/48

All: 3.778 ± 0.000 χ^2/NDF : 175387.8/99

- sign 7.244 ± 0.016 χ^2/NDF : 55048.1/50

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: -2.028 ± 0.021 χ^2/NDF : 113824.9/27

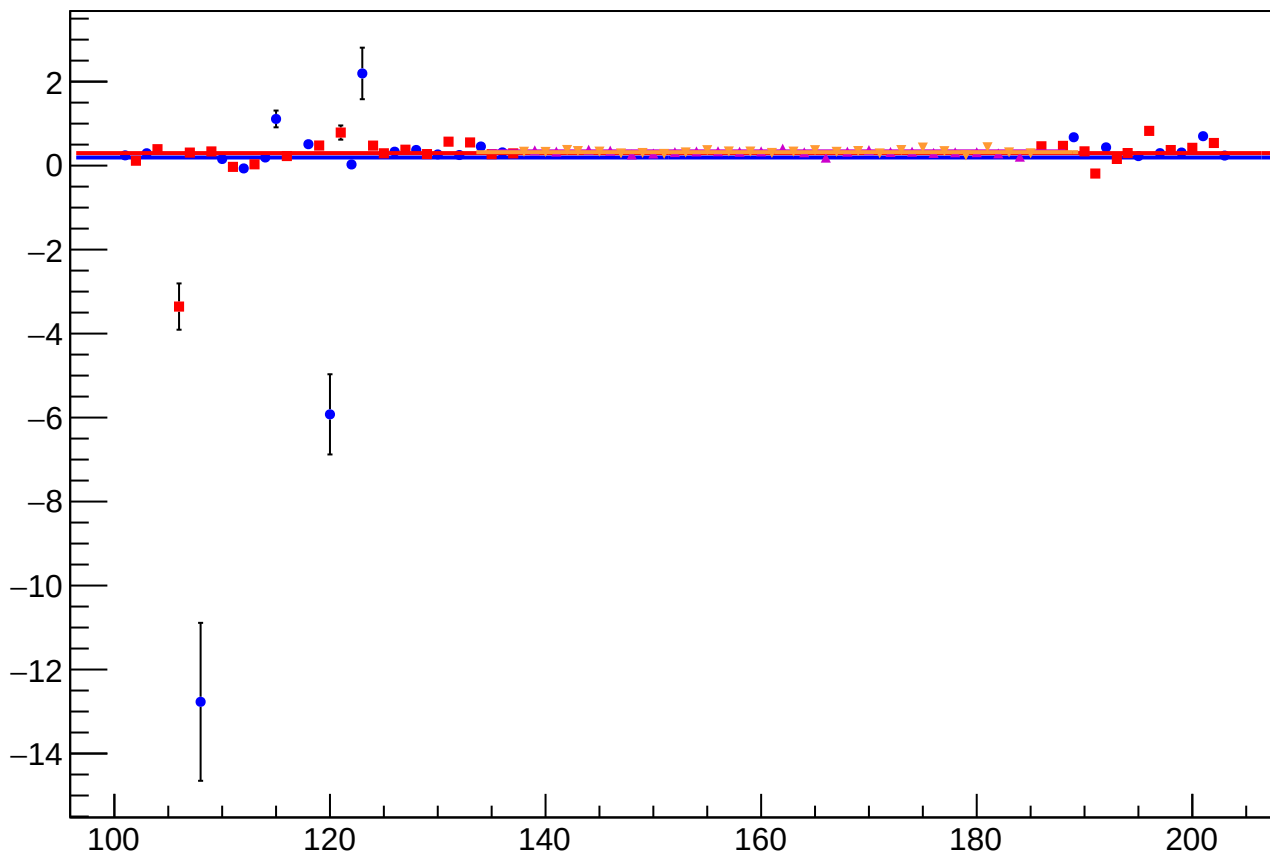
Left In: -6.234 ± 0.028 χ^2/NDF : 57358.9/22

+ sign -0.287 ± 0.000 χ^2/NDF : 125722.4/48

All: -0.287 ± 0.000 χ^2/NDF : 348260.8/99

- sign -3.509 ± 0.017 χ^2/NDF : 185562.1/50

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: 8449.1/27

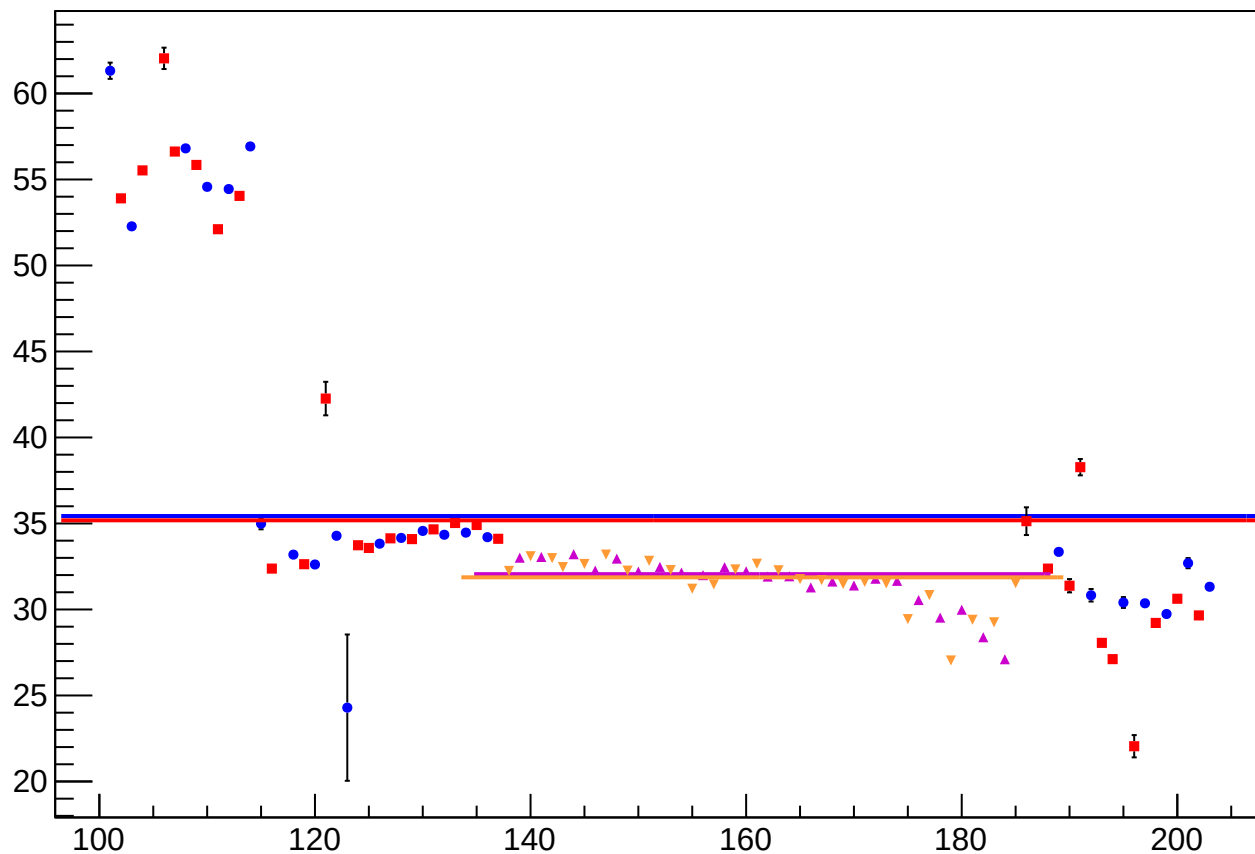
Left In: 0.340 $\pm$ 0.001 χ^2 /NDF: 4171.9/22

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 77903.3/48

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 172953.9/99

- sign 0.335 $\pm$ 0.000 χ^2 /NDF: 13441.8/50

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: 35.183 $\pm$ 0.010 χ^2 /NDF: 282073.4/27

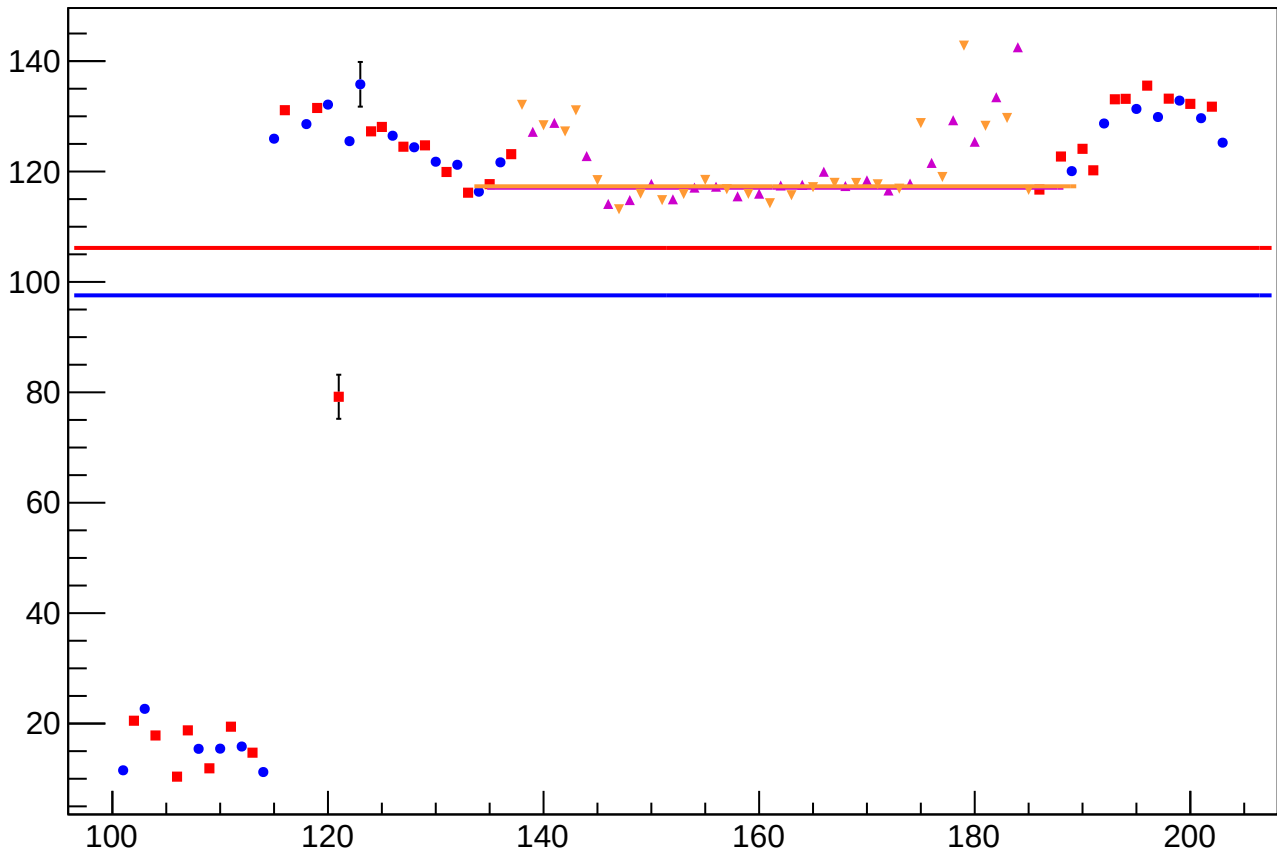
Left In: 32.053 $\pm$ 0.003 χ^2 /NDF: 32470.5/22

+ sign 32.129 $\pm$ 0.003 χ^2 /NDF: 385730.2/48

All: 32.233 $\pm$ 0.002 χ^2 /NDF: 784084.9/99

- sign 32.356 $\pm$ 0.003 χ^2 /NDF: 395717.1/50

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: 106.158 $\pm$ 0.024 χ^2 /NDF: 3484925.3/27

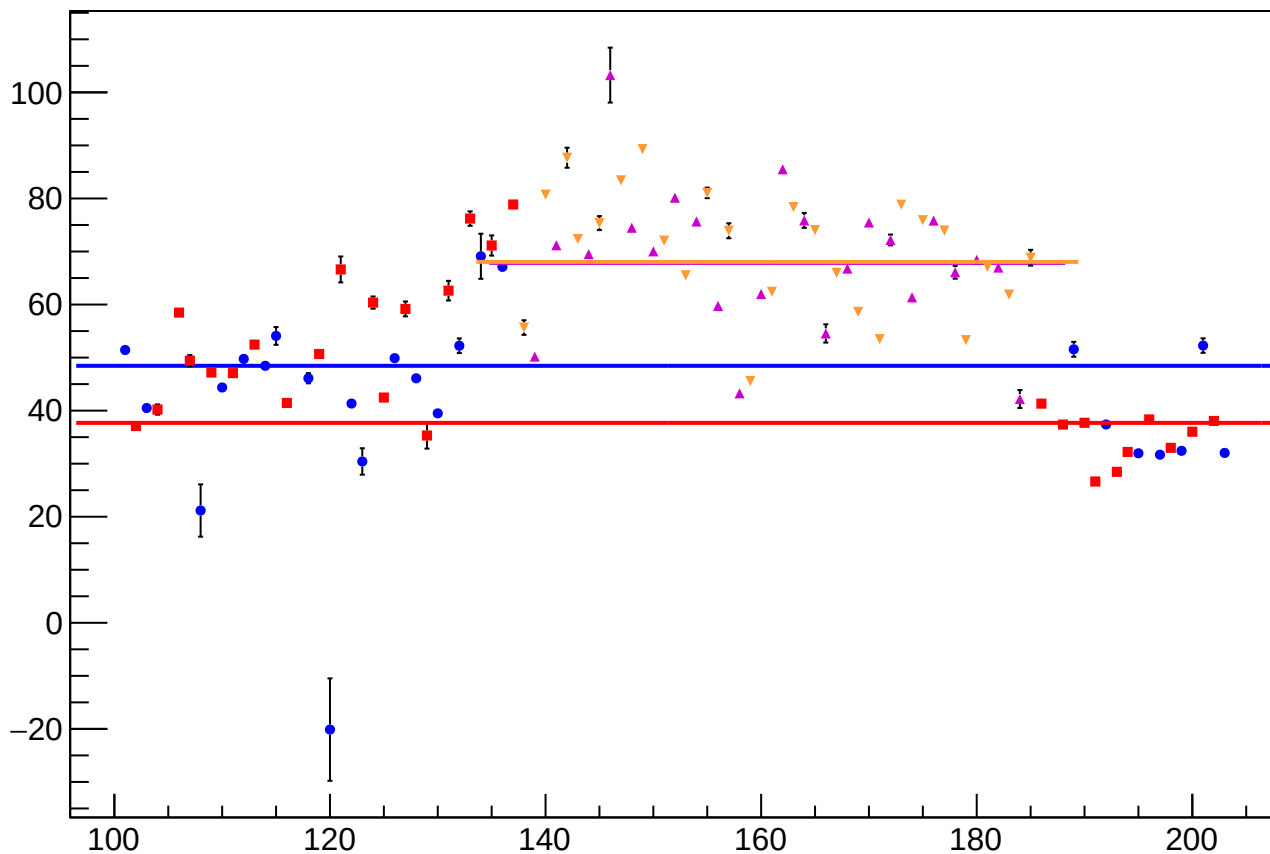
Left In: 117.061 $\pm$ 0.009 χ^2 /NDF: 62905.3/22

+ sign 115.845 $\pm$ 0.008 χ^2 /NDF: 3527015.9/48

All: 115.812 $\pm$ 0.006 χ^2 /NDF: 7255840.7/99

- sign 115.773 $\pm$ 0.008 χ^2 /NDF: 3728783.2/50

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: 37.695+/-0.074 χ^2/NDF : 14012.0/27

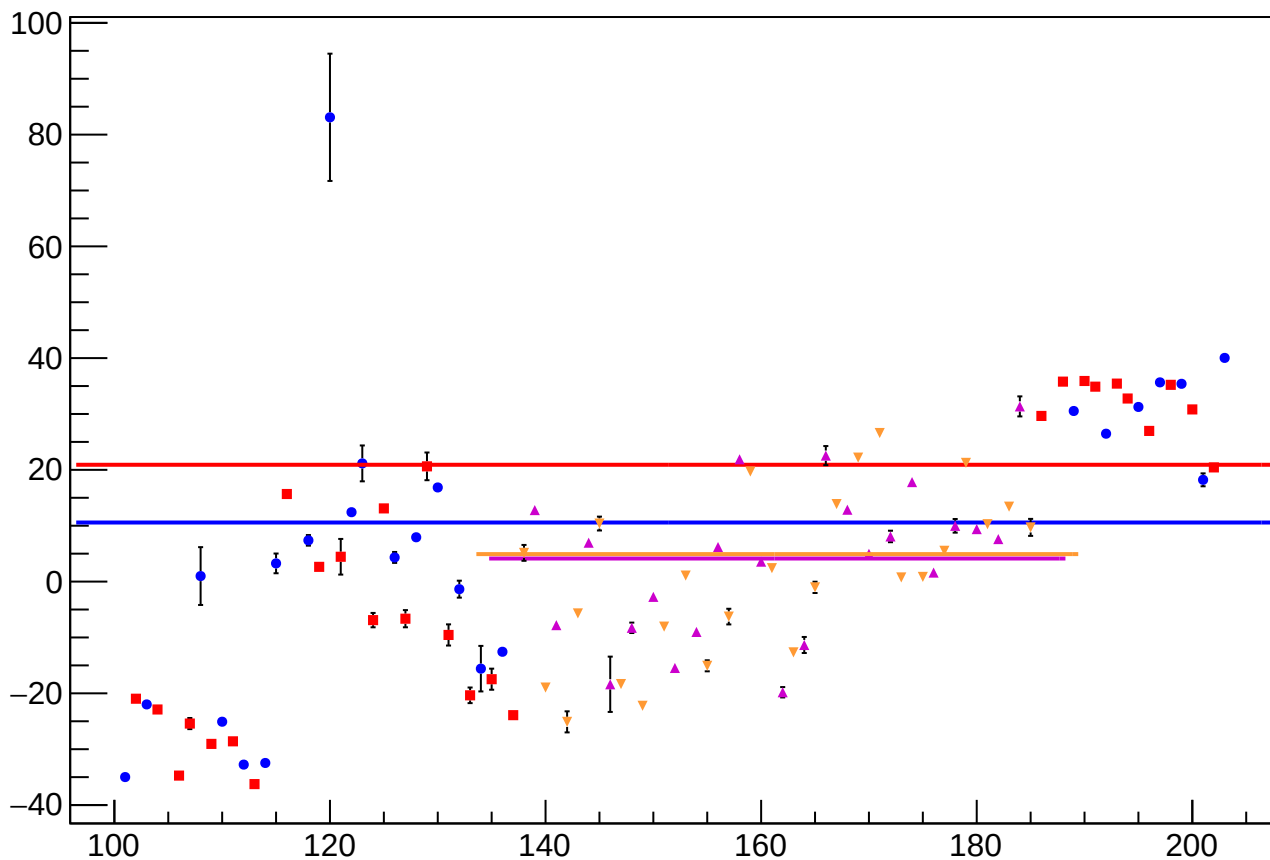
Left In: 67.852+/-0.126 χ^2/NDF : 5519.9/22

+ sign 48.450+/-0.000 χ^2/NDF : 45359.9/48

All: 48.450+/-0.000 χ^2/NDF : 109679.9/99

- sign 45.516+/-0.064 χ^2/NDF : 62217.6/50

dit_sam6_4eX_slope vs Slug



Right In: 10.574 ± 0.099 $\chi^2/\text{NDF}: 83178.1/23$

Left Out: 4.920 ± 0.132 $\chi^2/\text{NDF}: 10378.5/24$

Right Out: 20.909 ± 0.068 $\chi^2/\text{NDF}: 105359.9/27$

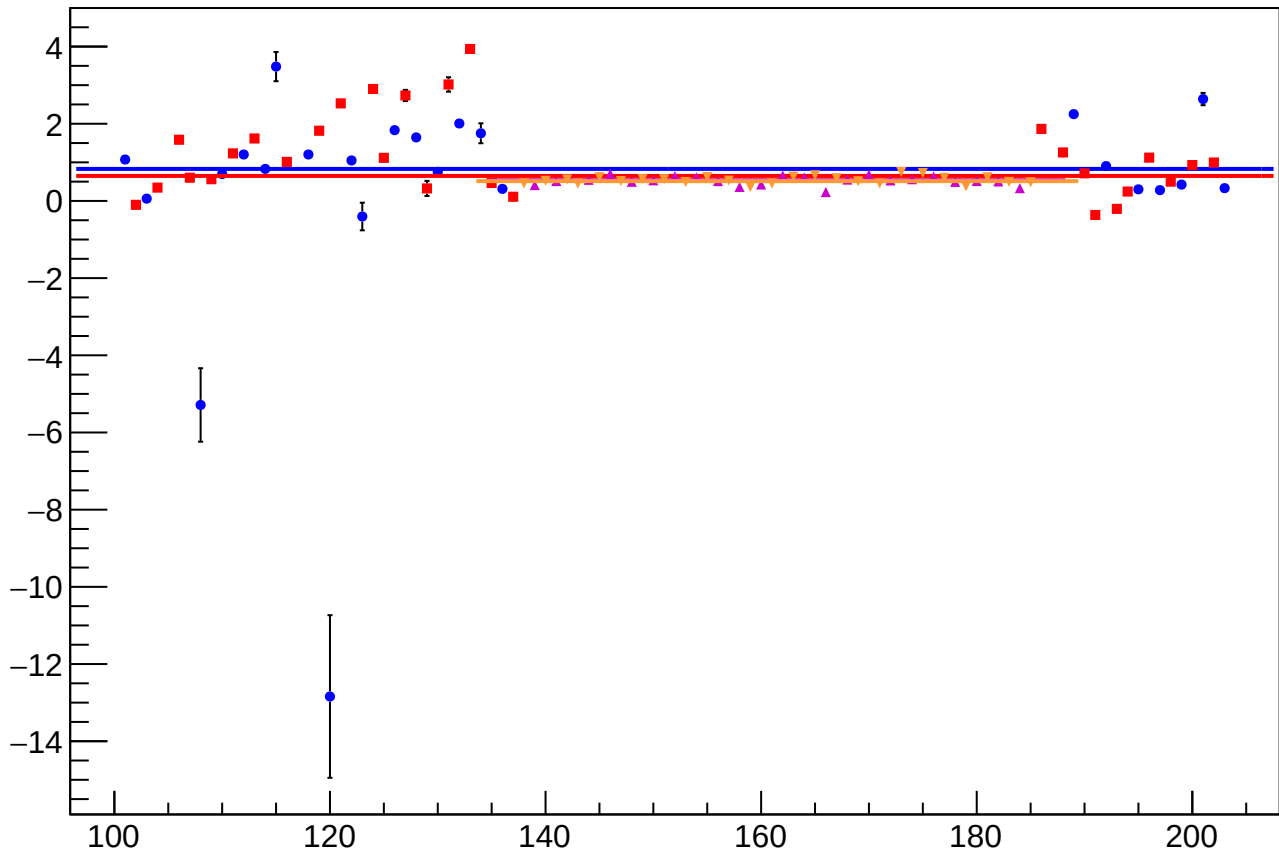
Left In: 4.129 ± 0.127 $\chi^2/\text{NDF}: 6161.4/22$

+ sign 8.543 ± 0.079 $\chi^2/\text{NDF}: 94728.5/48$

All: 14.010 ± 0.048 $\chi^2/\text{NDF}: 227311.5/99$

- sign 17.151 ± 0.060 $\chi^2/\text{NDF}: 125087.2/50$

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: 0.648 ± 0.005 χ^2/NDF : 9554.6/27

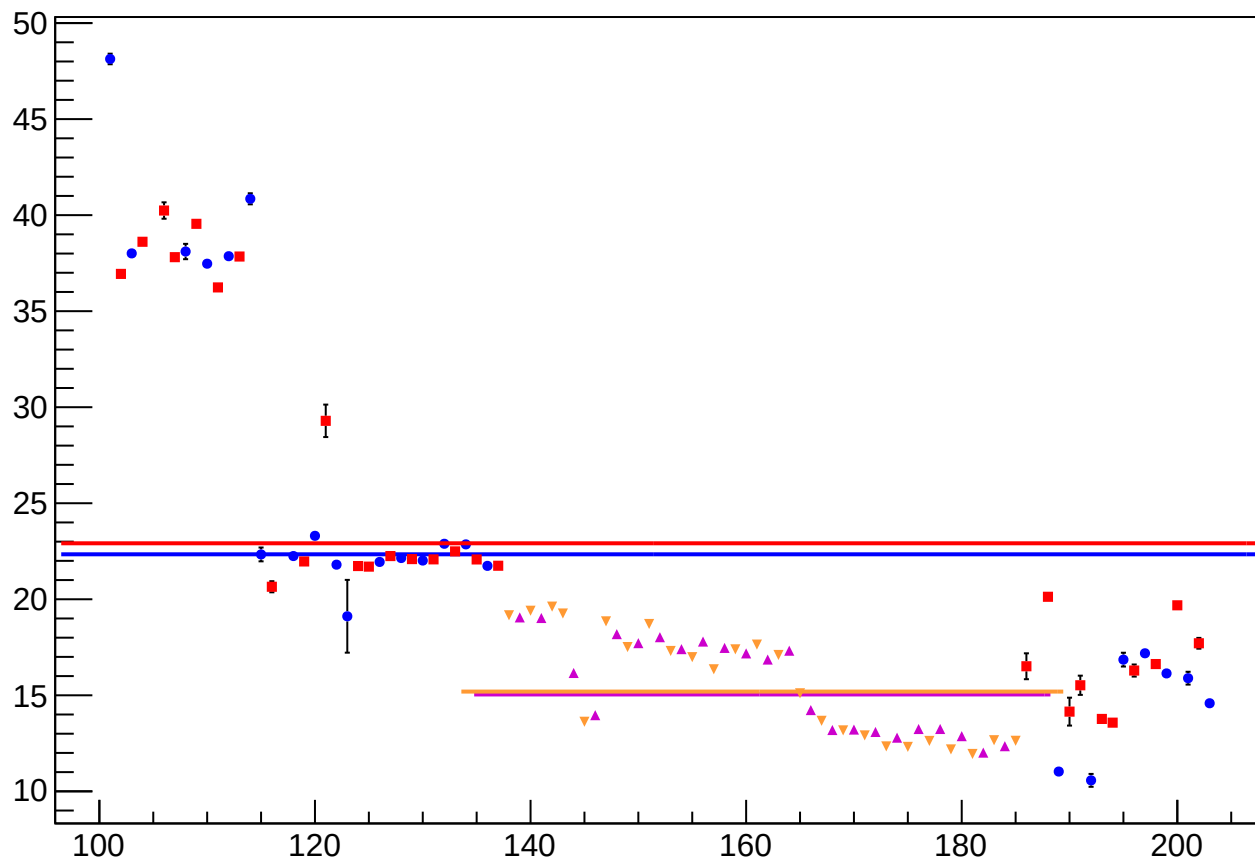
Left In: 0.536 ± 0.001 χ^2/NDF : 11764.8/22

+ sign 0.830 ± 0.000 χ^2/NDF : 139742.1/48

All: 0.830 ± 0.000 χ^2/NDF : 277441.5/99

- sign 0.539 ± 0.001 χ^2/NDF : 21740.0/50

dit_sam6_4aY_slope vs Slug



Right In: 22.341 ± 0.009 $\chi^2/\text{NDF}: 130023.5/23$

Left Out: 15.194 ± 0.004 $\chi^2/\text{NDF}: 417095.1/24$

Right Out: 22.914 ± 0.009 $\chi^2/\text{NDF}: 172025.8/27$

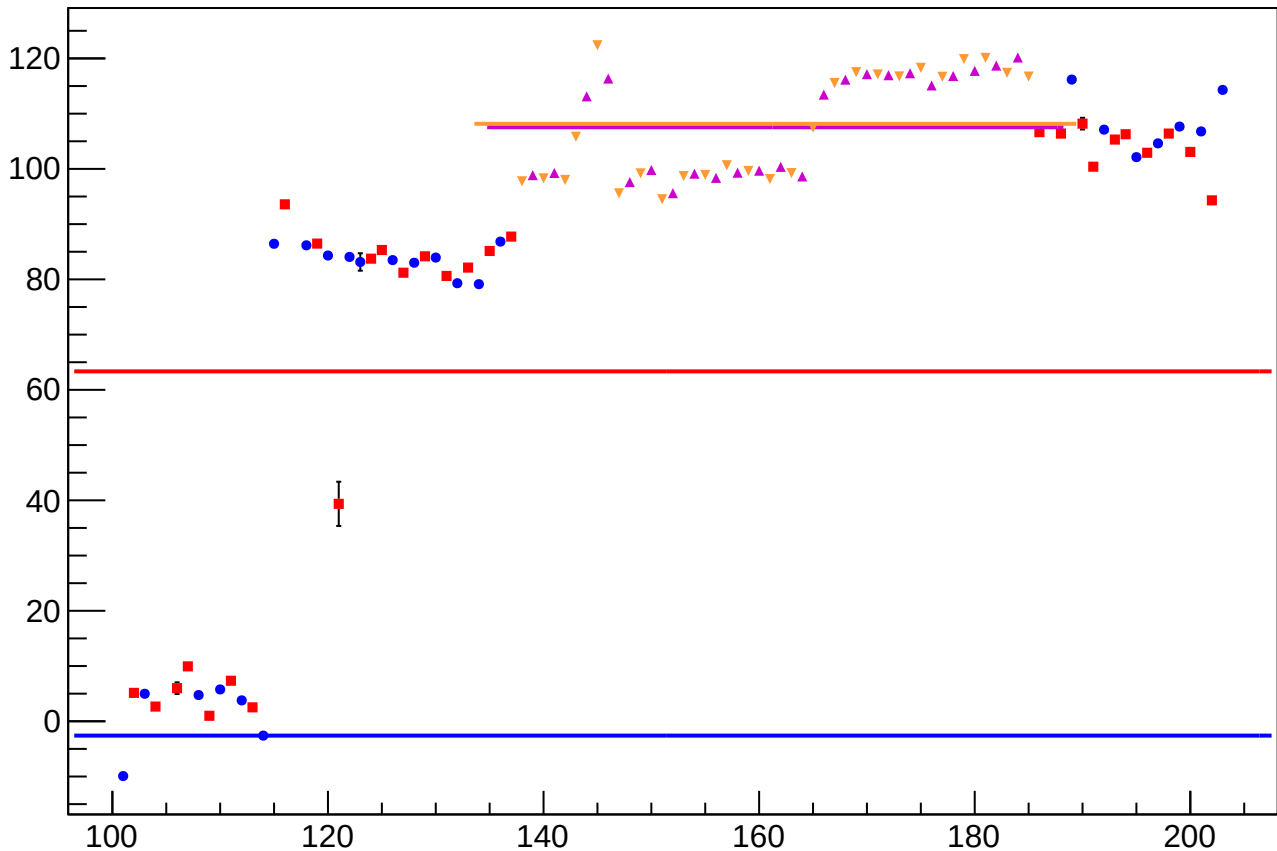
Left In: 15.044 ± 0.005 $\chi^2/\text{NDF}: 285851.6/22$

+ sign 16.456 ± 0.004 $\chi^2/\text{NDF}: 1042380.2/48$

All: 16.566 ± 0.003 $\chi^2/\text{NDF}: 2108741.8/99$

- sign 16.689 ± 0.004 $\chi^2/\text{NDF}: 1064656.5/50$

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: 63.344+/-0.030 χ^2/NDF : 1737285.7/27

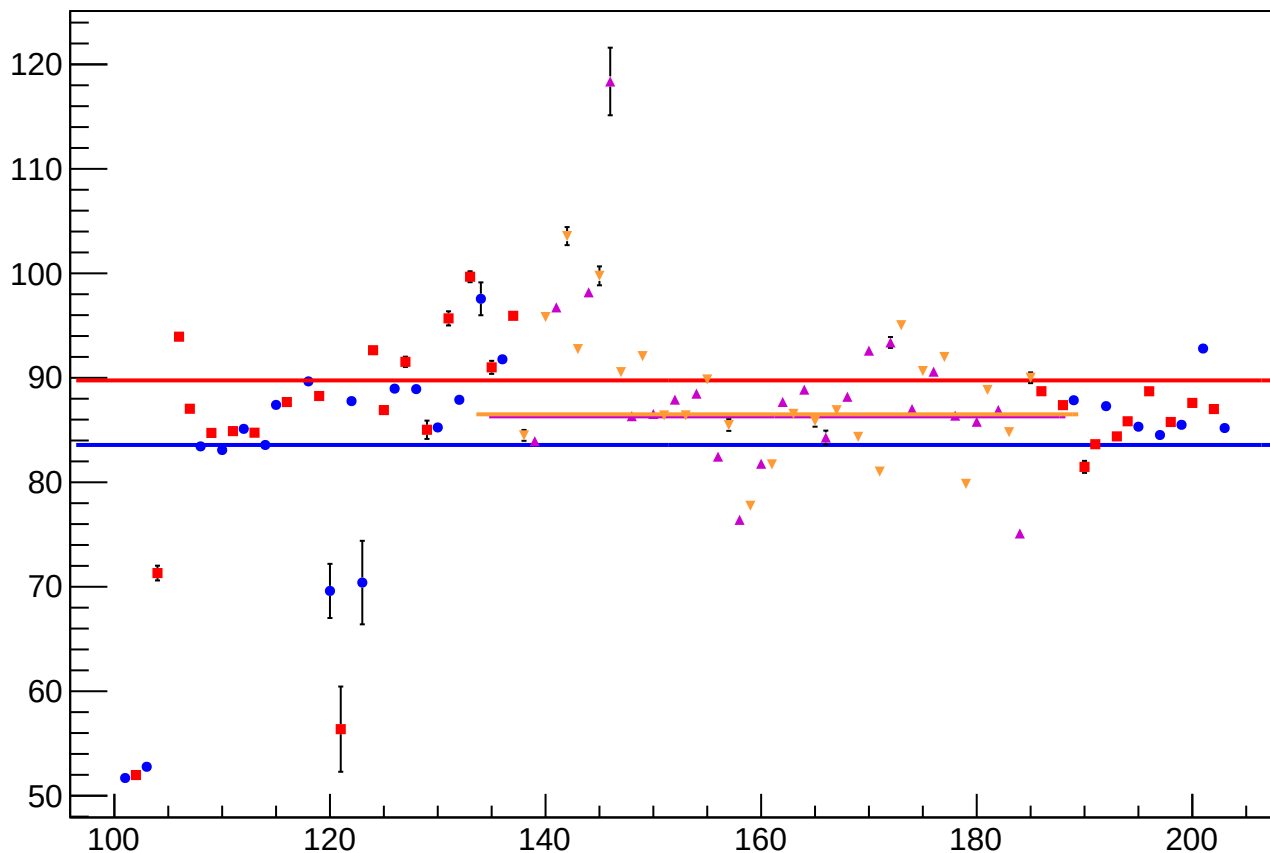
Left In: 107.543+/-0.009 χ^2/NDF : 988940.0/22

+ sign -2.596+/-0.000 χ^2/NDF : 151421475.7/48

All: -2.596+/-0.000 χ^2/NDF : 298533442.5/99

- sign 103.660+/-0.009 χ^2/NDF : 4700981.4/50

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF : 51323.8/23

Left Out: 86.505+/-0.060 χ^2/NDF : 8553.0/24

Right Out: 89.752+/-0.020 χ^2/NDF : 78530.8/27

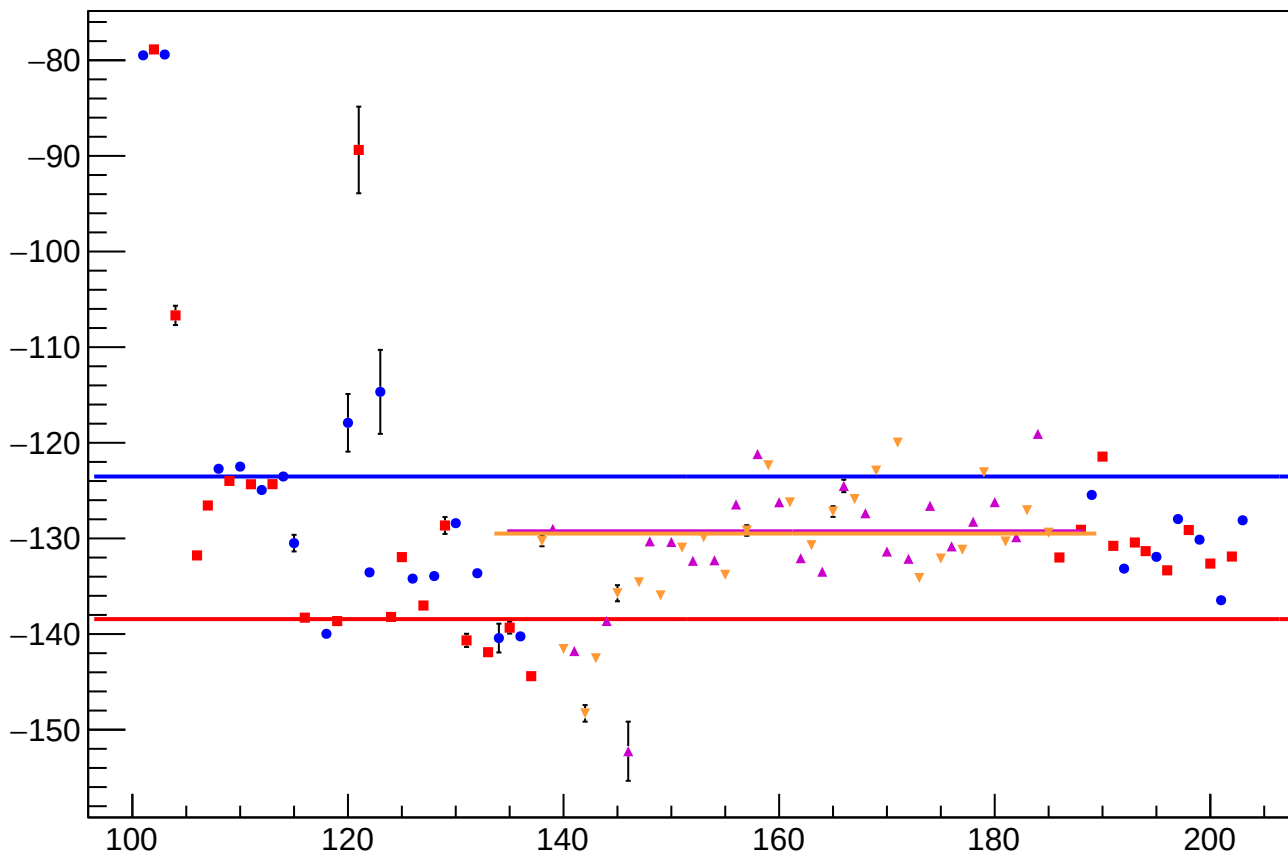
Left In: 86.310+/-0.051 χ^2/NDF : 8666.5/22

+ sign 83.573+/-0.000 χ^2/NDF : 62271.0/48

All: 83.573+/-0.000 χ^2/NDF : 248592.9/99

- sign 89.303+/-0.019 χ^2/NDF : 91092.0/50

dit_sam7_4eX_slope vs Slug



Right In: -123.524 $\pm$ 0.000 χ^2 /NDF: 182057.2/23

Left Out: -129.492 $\pm$ 0.059 χ^2 /NDF:10775.3/24

Right Out: -138.435 $\pm$ 0.016 χ^2 /NDF: 304846.3/27

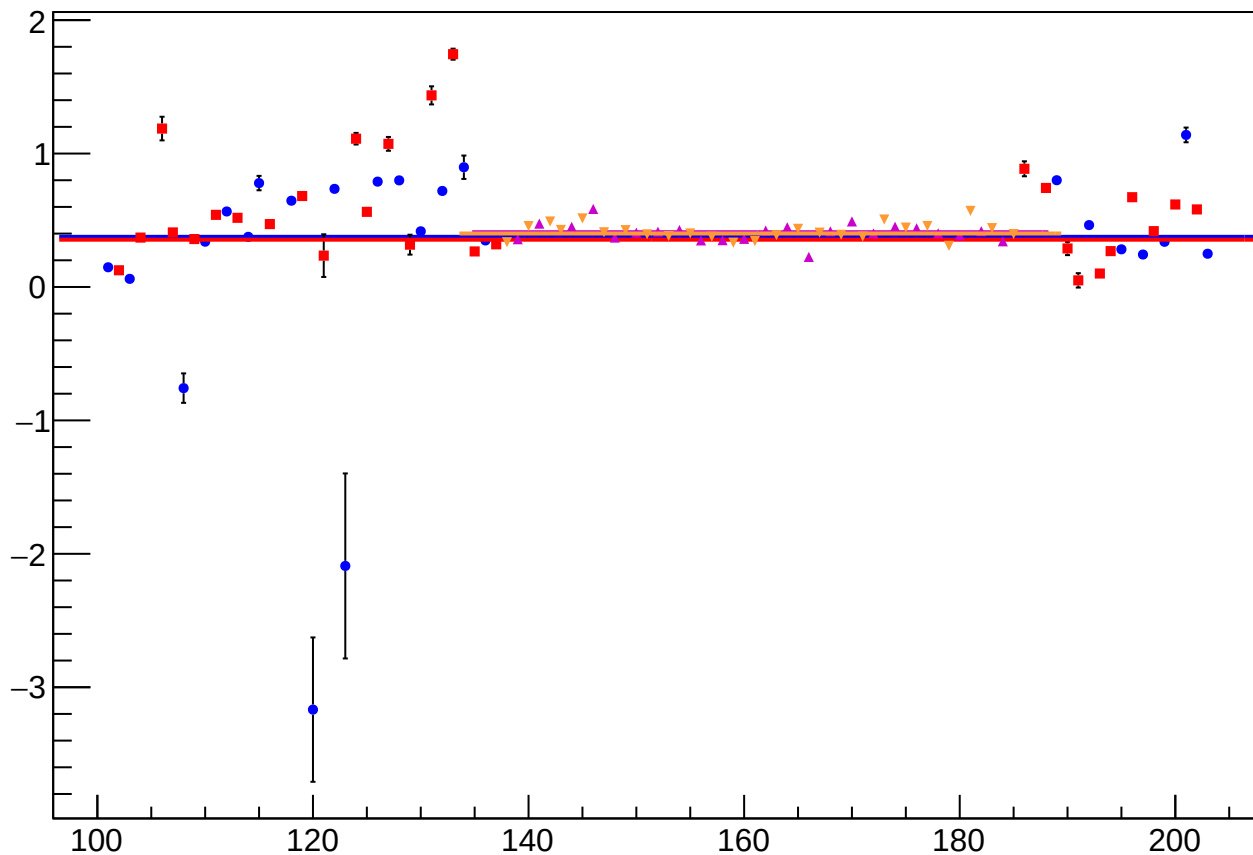
Left In: -129.256 $\pm$ 0.052 χ^2 /NDF:6558.2/22

+ sign -123.524 $\pm$ 0.000 χ^2 /NDF: 202992.2/48

All: -123.524 $\pm$ 0.000 χ^2 /NDF: 1389528.7/99

- sign -137.624 $\pm$ 0.015 χ^2 /NDF: 340311.9/50

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: 0.354 $\pm$ 0.001 χ^2 /NDF: 7119.0/27

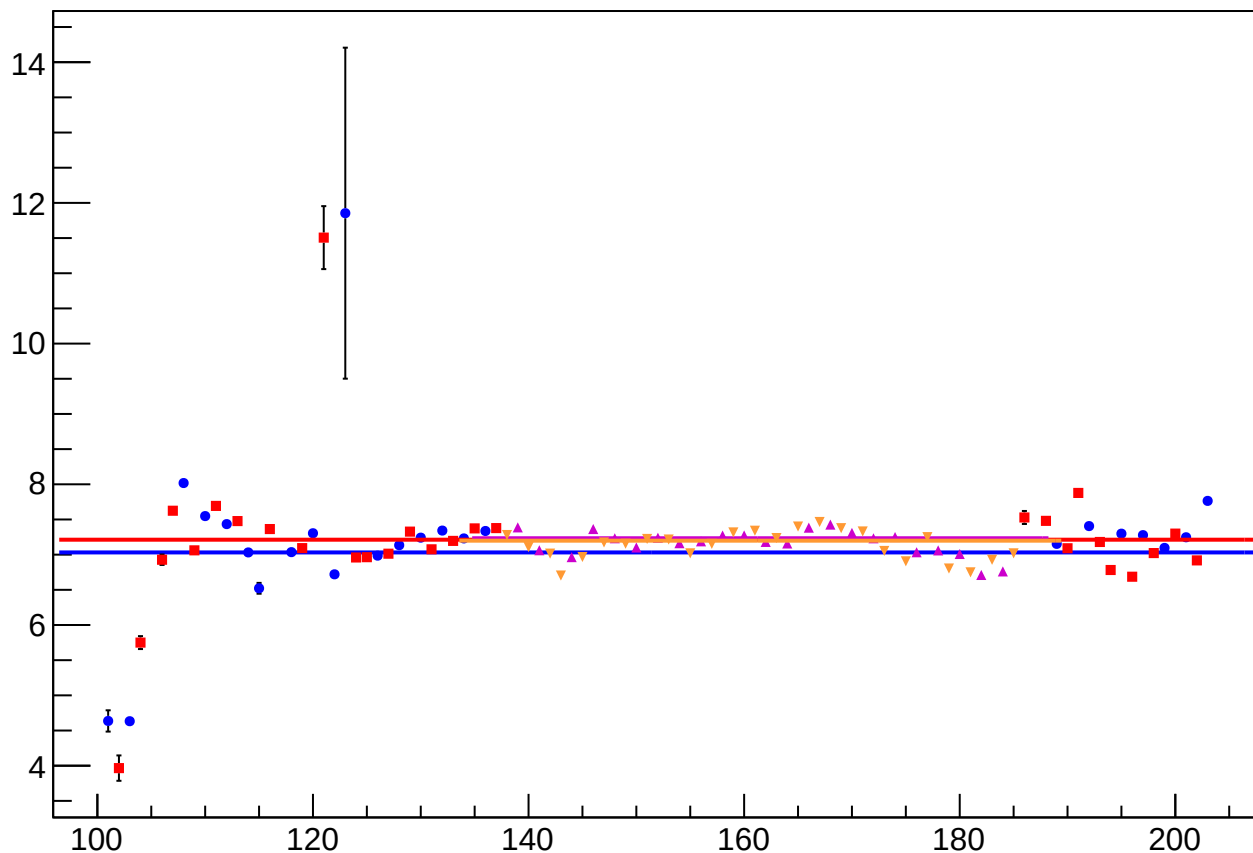
Left In: 0.410 $\pm$ 0.000 χ^2 /NDF:8478.2/22

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 16106.8/48

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 37819.7/99

- sign 0.405 $\pm$ 0.000 χ^2 /NDF: 16986.5/50

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: 7.213 ± 0.002 χ^2/NDF : 11082.7/27

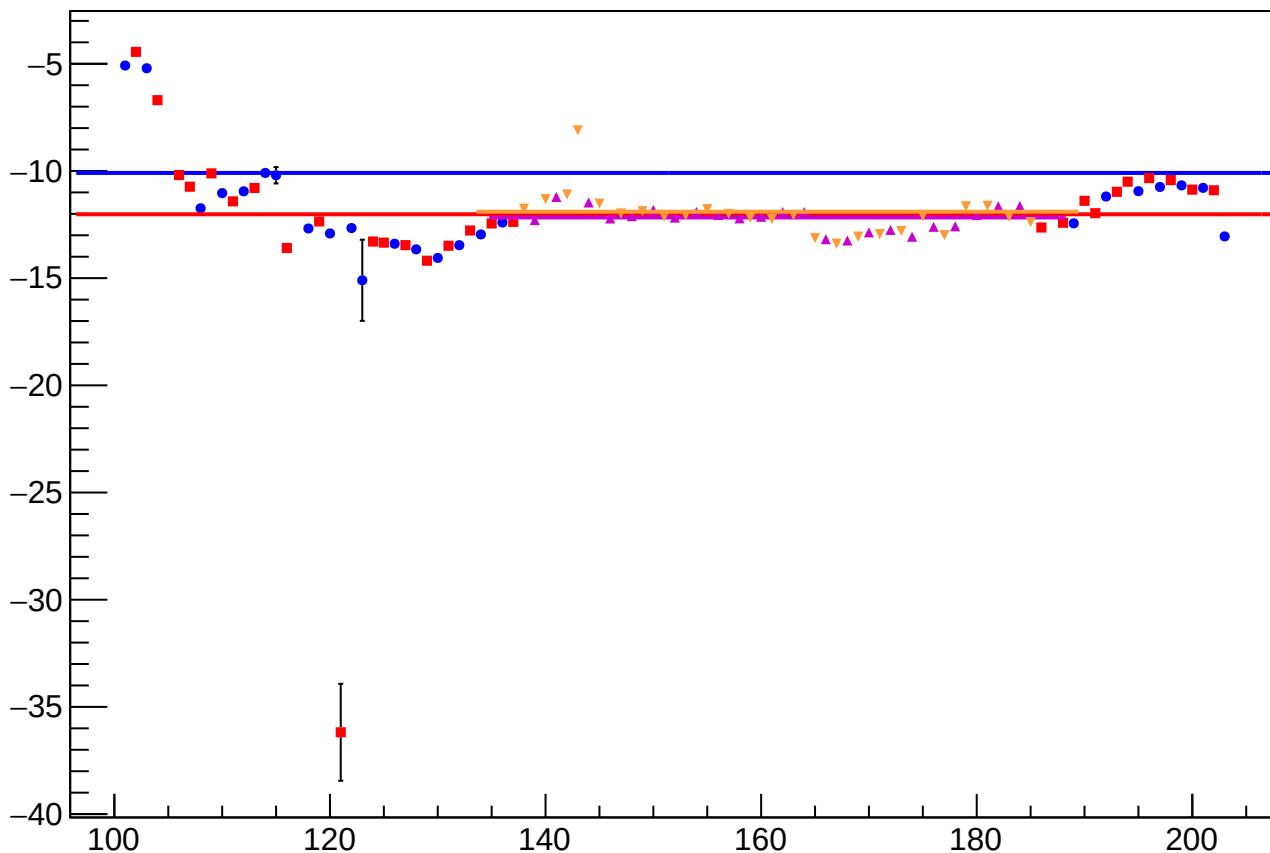
Left In: 7.233 ± 0.001 χ^2/NDF : 23085.0/22

+ sign 7.032 ± 0.000 χ^2/NDF : 93746.3/48

All: 7.032 ± 0.000 χ^2/NDF : 193361.4/99

- sign 7.231 ± 0.001 χ^2/NDF : 34243.7/50

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: -12.020 ± 0.003 χ^2/NDF : 167616.6/27

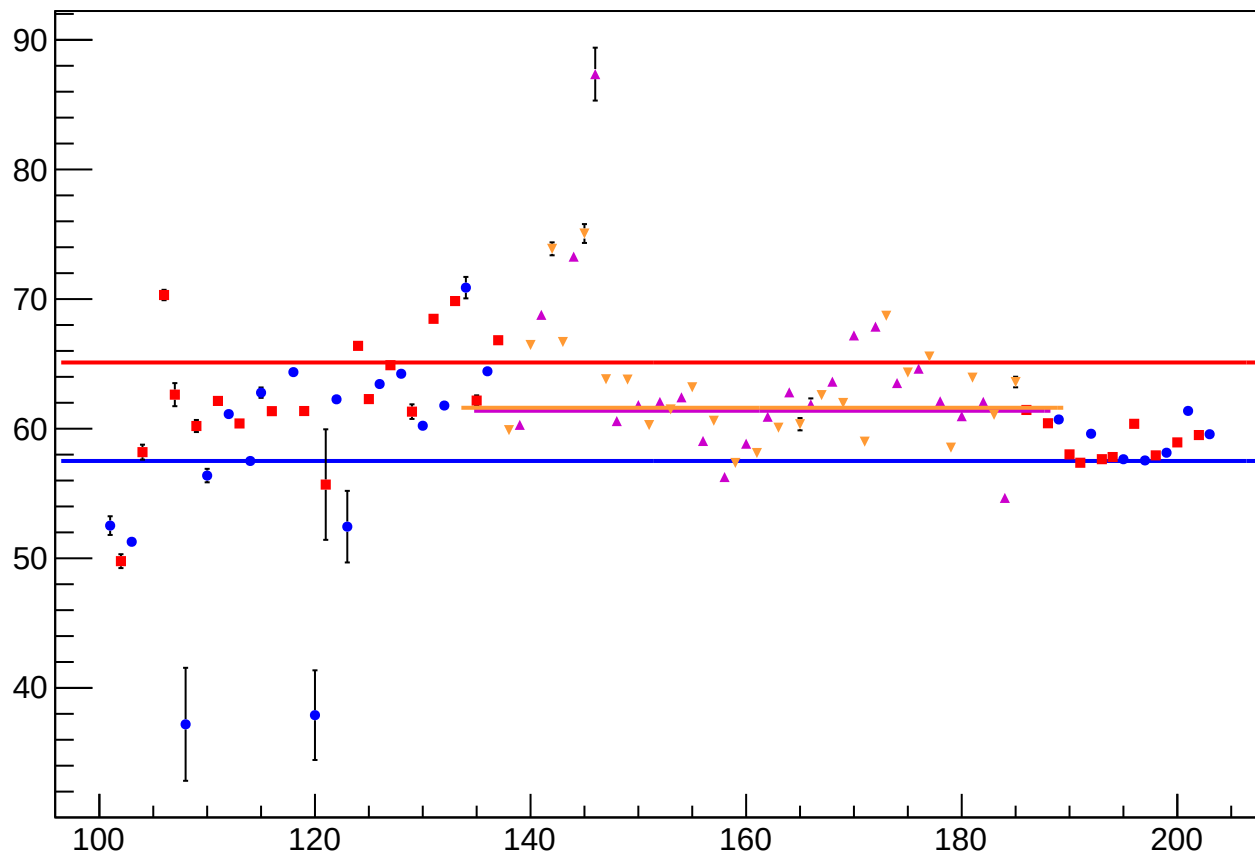
Left In: -12.169 ± 0.002 χ^2/NDF : 49568.3/22

+ sign -10.092 ± 0.000 χ^2/NDF : 2208110.0/48

All: -10.092 ± 0.000 χ^2/NDF : 4289285.9/99

- sign -12.135 ± 0.001 χ^2/NDF : 218930.1/50

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 $\chi^2/\text{NDF}: 10434.0/23$

Left Out: 61.615 ± 0.039 $\chi^2/\text{NDF}: 7756.9/24$

Right Out: 65.108 ± 0.012 $\chi^2/\text{NDF}: 80906.5/27$

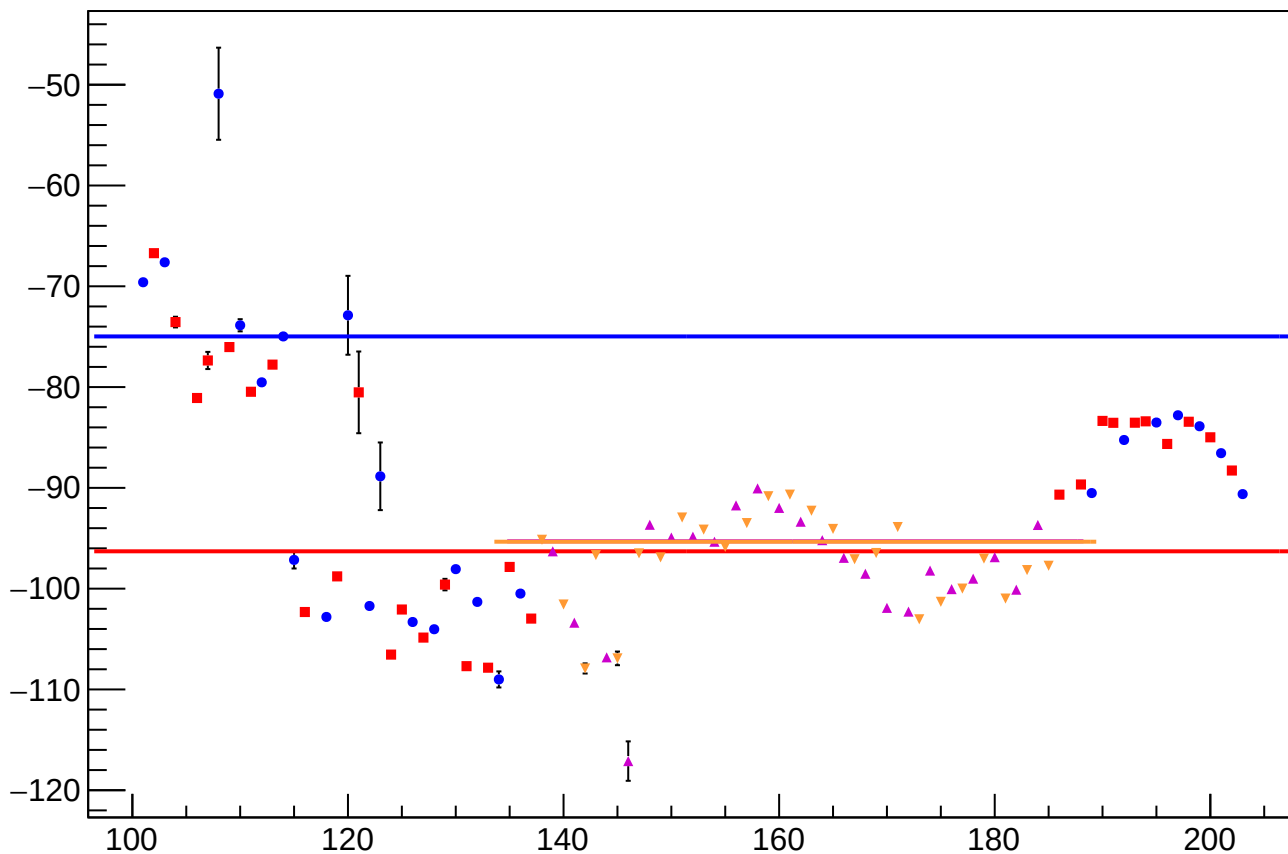
Left In: 61.383 ± 0.033 $\chi^2/\text{NDF}: 8900.0/22$

+ sign 57.510 ± 0.000 $\chi^2/\text{NDF}: 29331.8/48$

All: 57.510 ± 0.000 $\chi^2/\text{NDF}: 551415.1/99$

- sign 64.679 ± 0.011 $\chi^2/\text{NDF}: 101387.4/50$

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 239194.1/23$

Left Out: -95.342 ± 0.039 $\chi^2/\text{NDF}: 9387.4/24$

Right Out: -96.295 ± 0.014 $\chi^2/\text{NDF}: 391802.1/27$

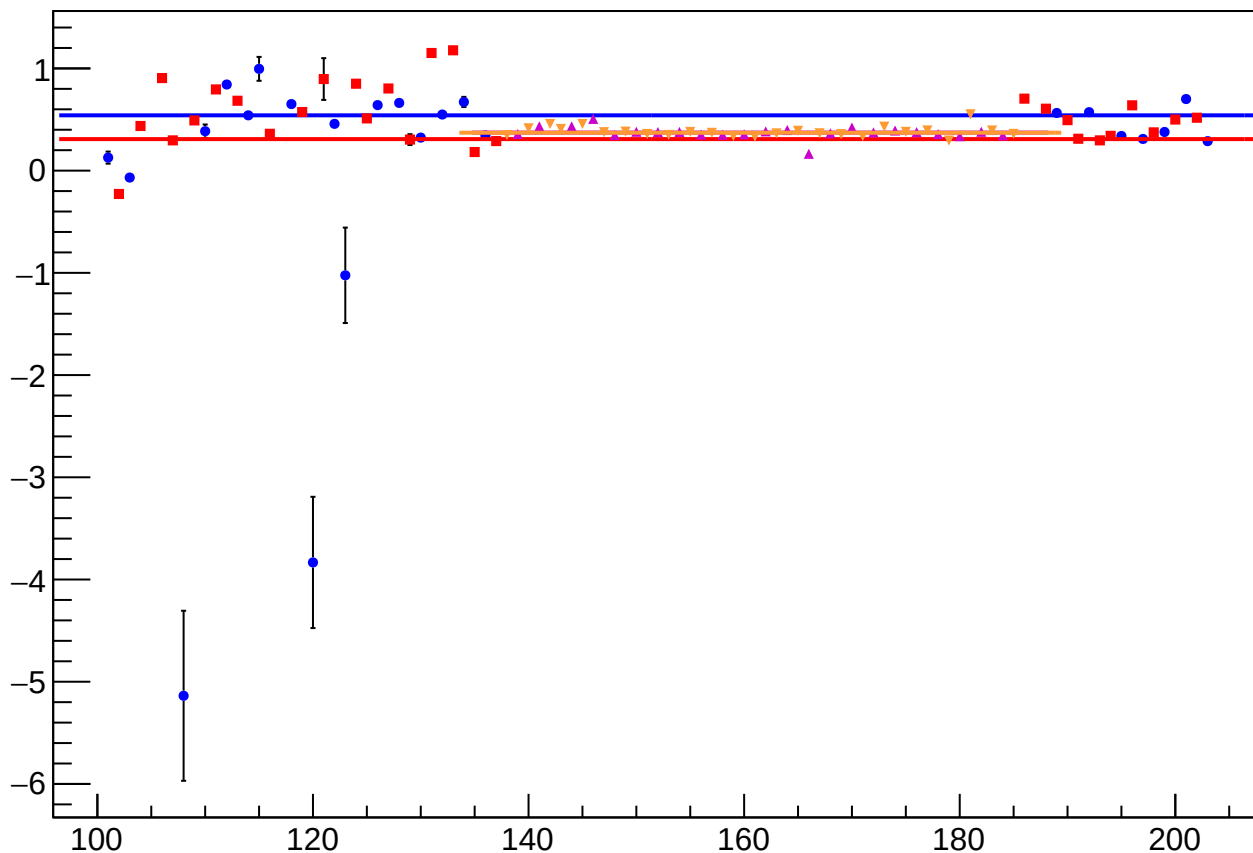
Left In: -95.301 ± 0.033 $\chi^2/\text{NDF}: 11271.5/22$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 525542.8/48$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 3523286.2/99$

- sign -96.139 ± 0.013 $\chi^2/\text{NDF}: 403829.4/50$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 31476.8/23

Left Out: 0.371 $\pm$ 0.000 χ^2 /NDF: 6797.7/24

Right Out: 0.308 $\pm$ 0.001 χ^2 /NDF: 12621.0/27

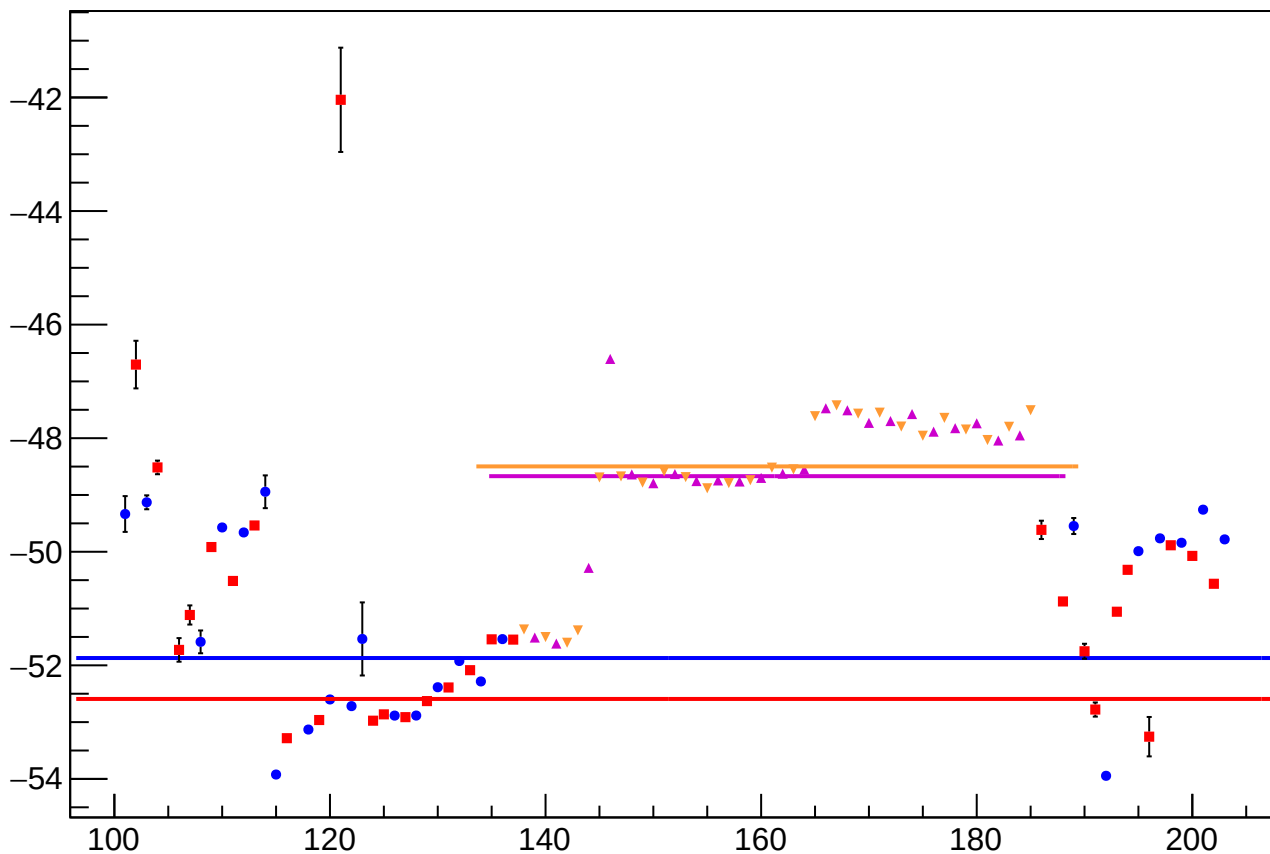
Left In: 0.372 $\pm$ 0.000 χ^2 /NDF: 6020.6/22

+ sign 0.541 $\pm$ 0.000 χ^2 /NDF: 249588.0/48

All: 0.541 $\pm$ 0.000 χ^2 /NDF: 654439.6/99

- sign 0.364 $\pm$ 0.000 χ^2 /NDF: 24335.1/50

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: -52.592 ± 0.003 χ^2/NDF : 91190.0/27

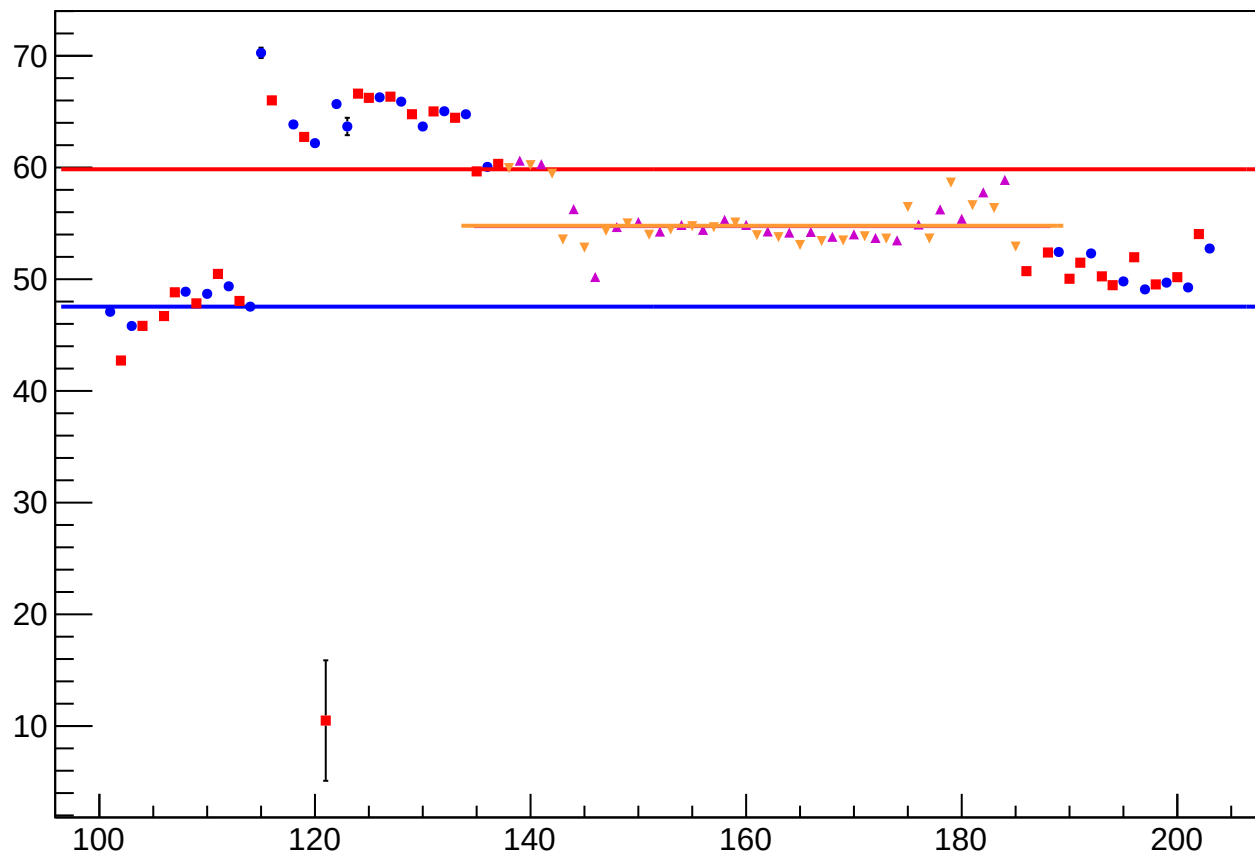
Left In: -48.669 ± 0.001 χ^2/NDF : 809321.2/22

+ sign -49.130 ± 0.001 χ^2/NDF : 2666349.6/48

All: -49.139 ± 0.001 χ^2/NDF : 5710369.6/99

- sign -49.147 ± 0.001 χ^2/NDF : 3043832.3/50

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: 59.842 $\pm$ 0.006 χ^2 /NDF: 1093521.1/27

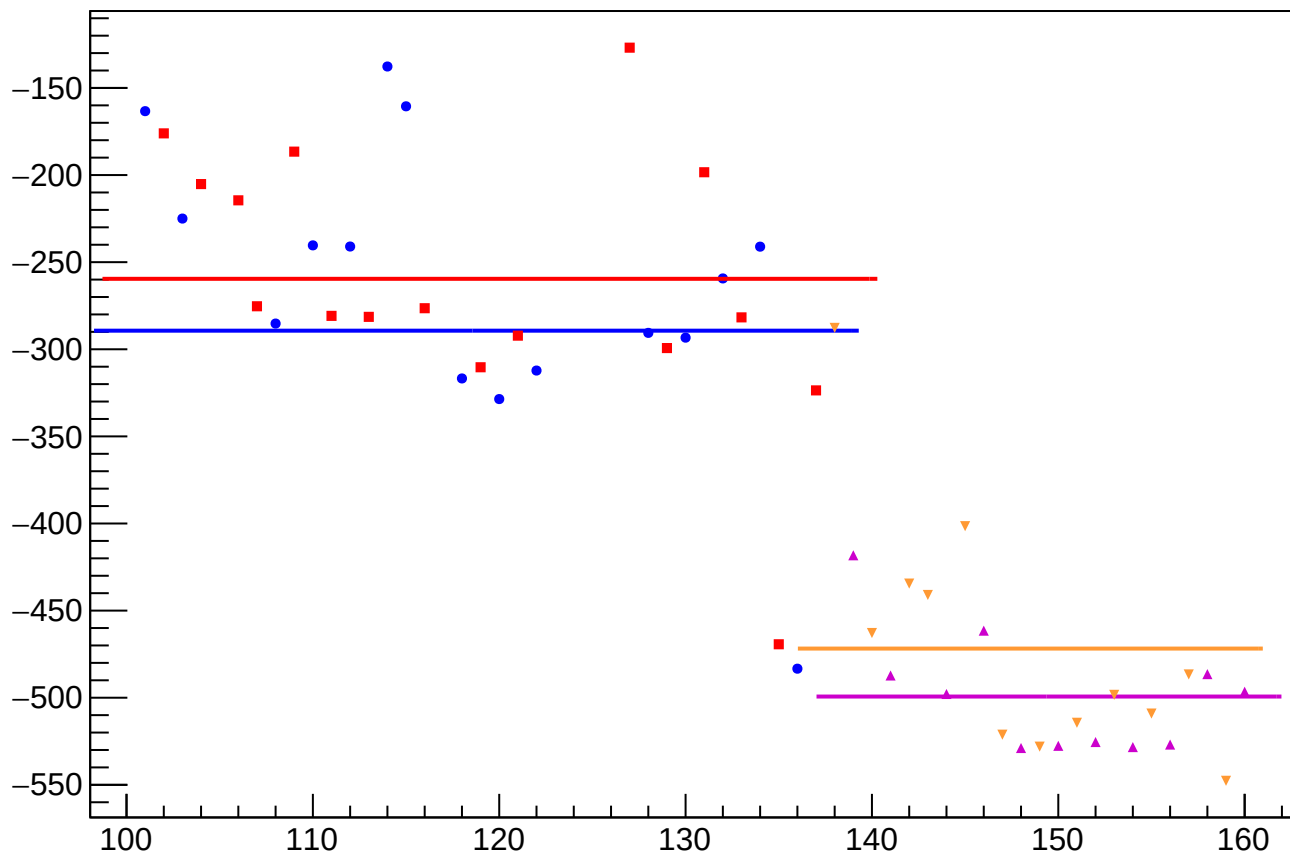
Left In: 54.755 $\pm$ 0.003 χ^2 /NDF:100763.3/22

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9967498.8/48

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 22434036.1/99

- sign 55.466 $\pm$ 0.002 χ^2 /NDF: 1726763.9/50

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

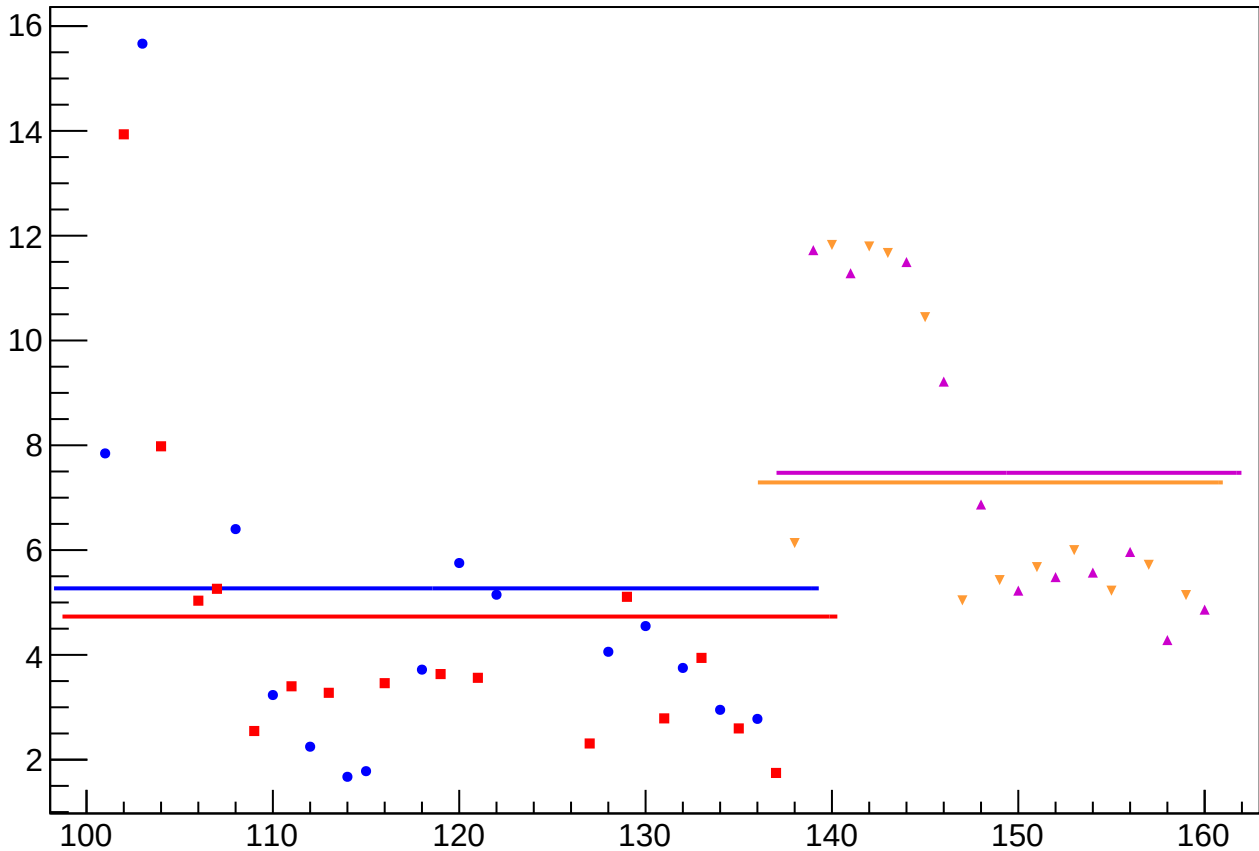
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ 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

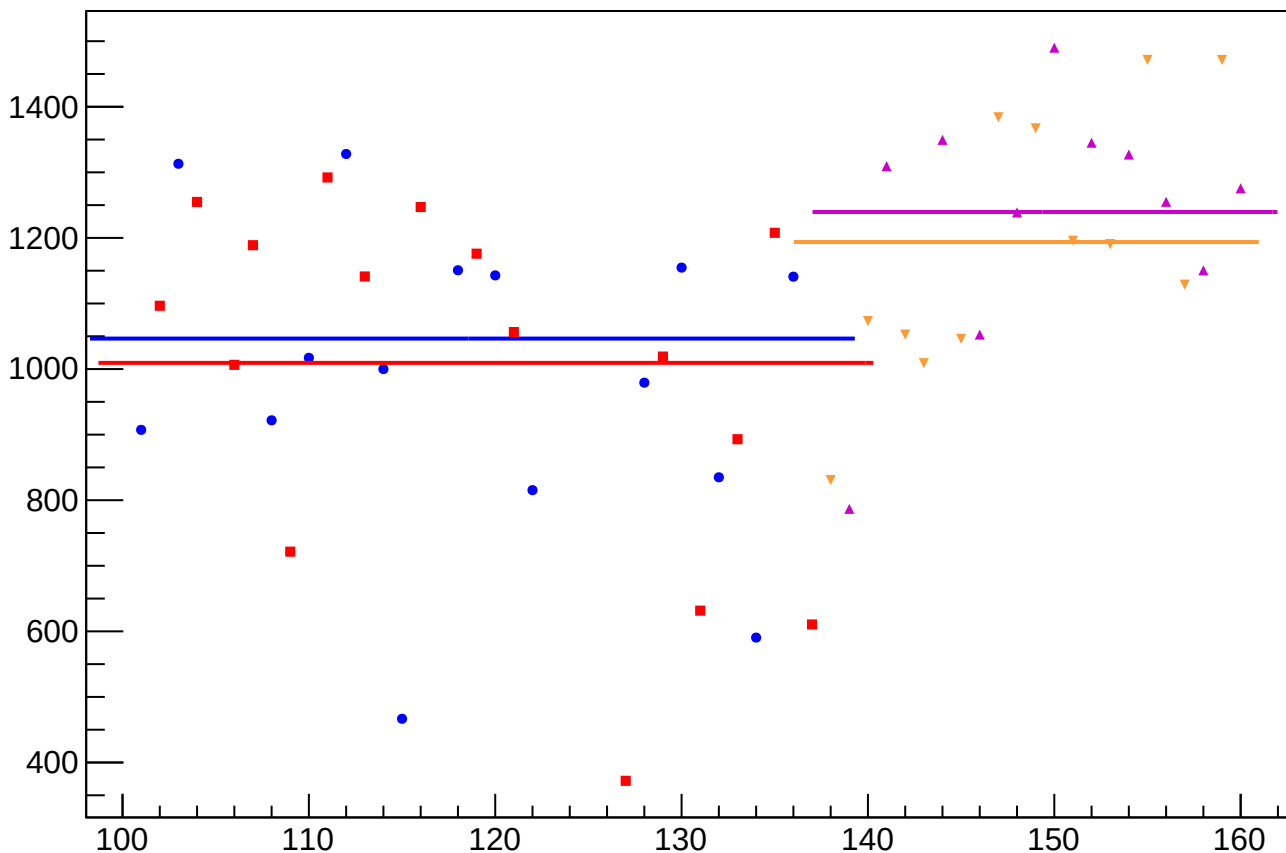
Left In: 7.475 ± 0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ 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

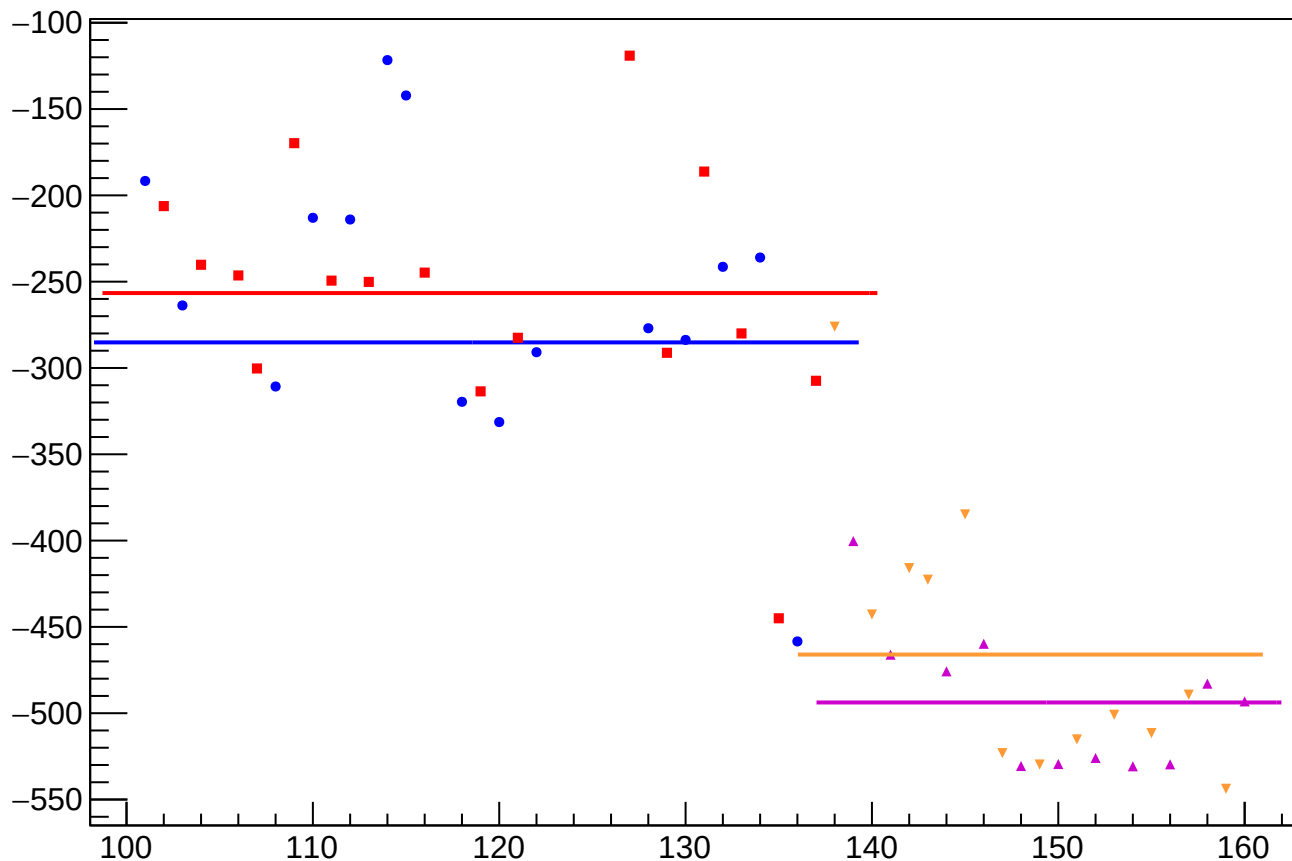
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

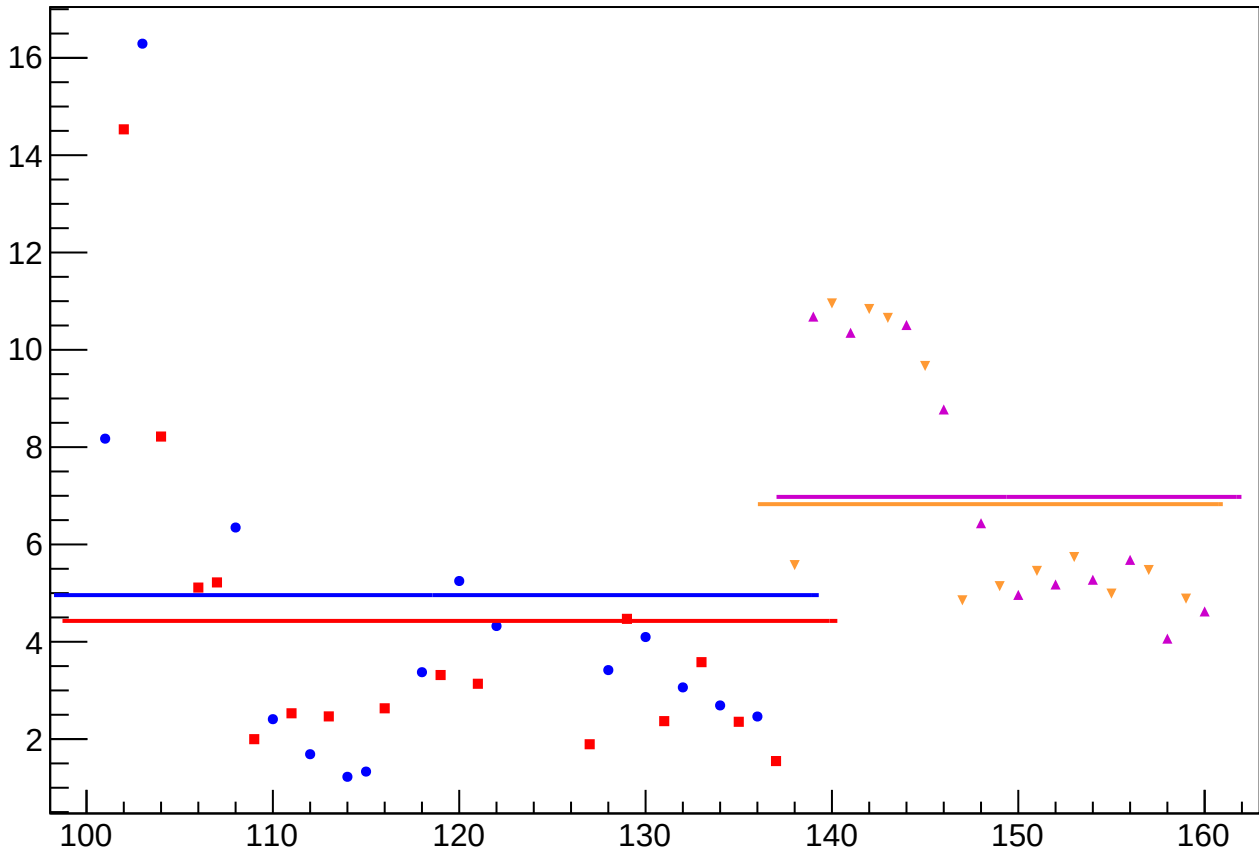
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ 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



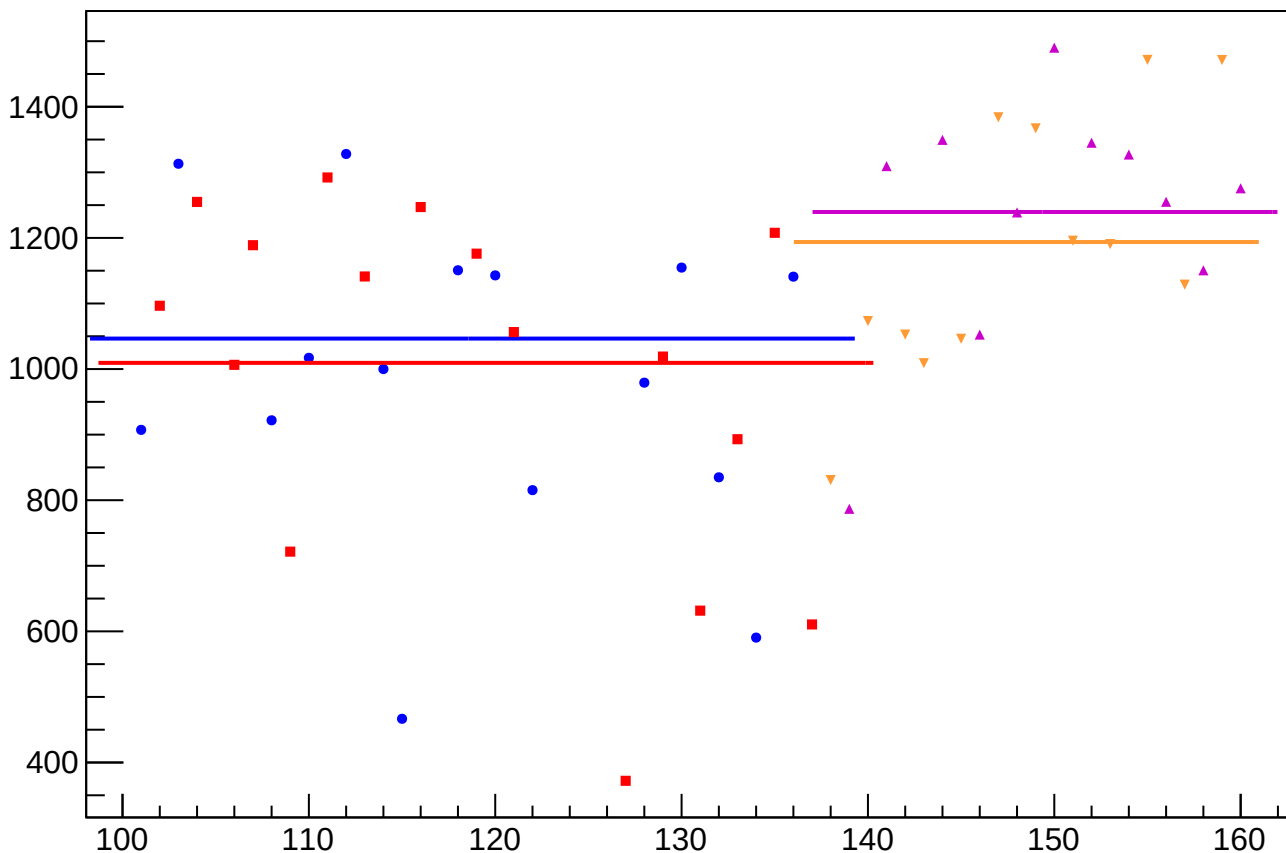
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

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

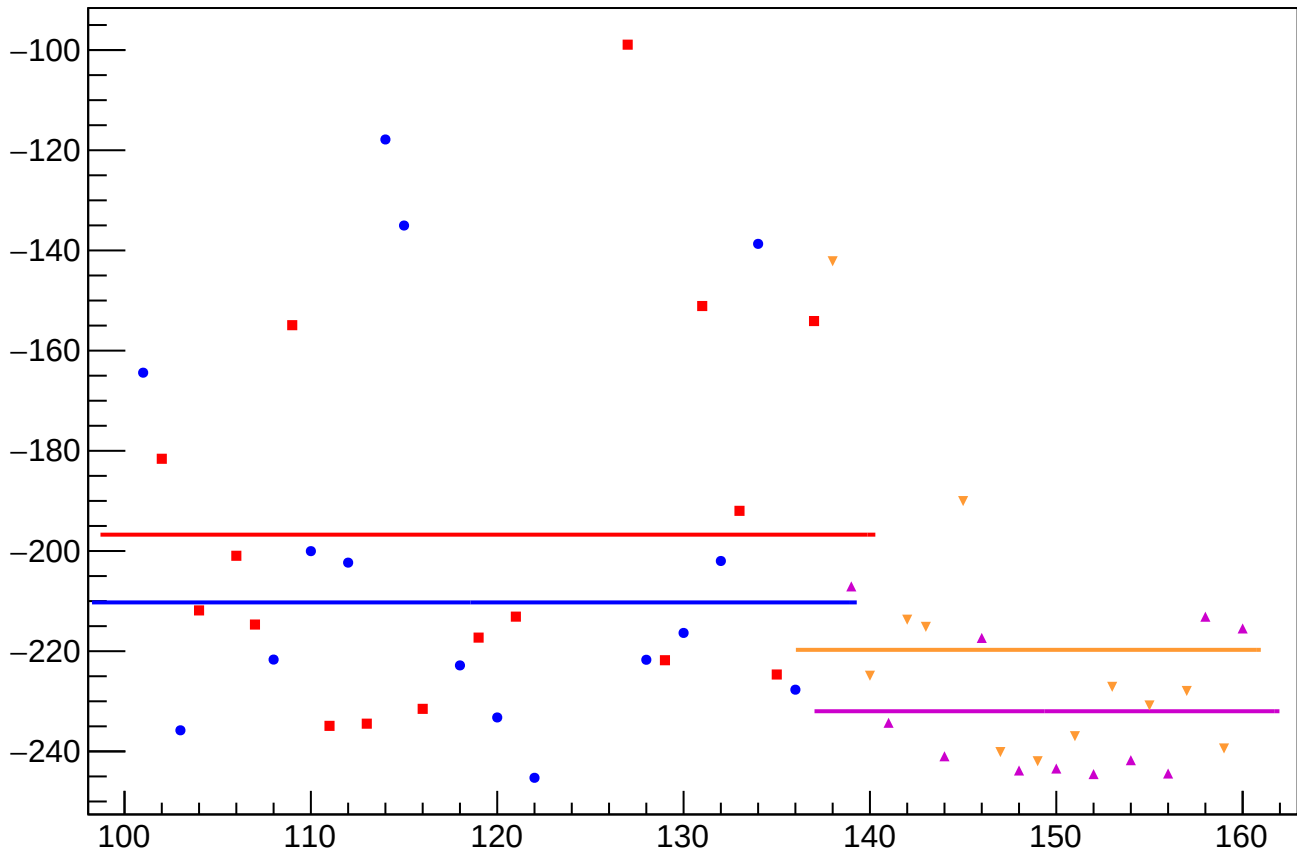
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

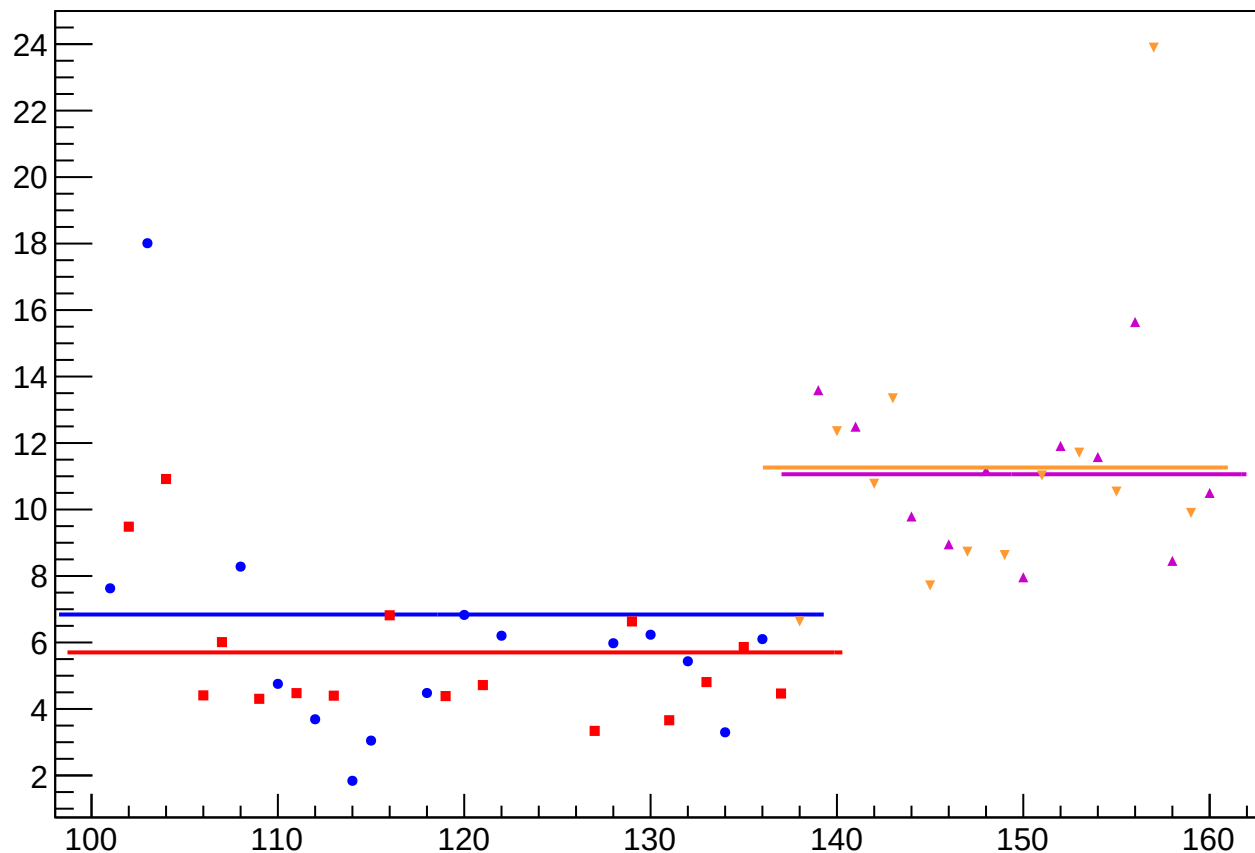
Left In: -231.985 ± 0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ 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

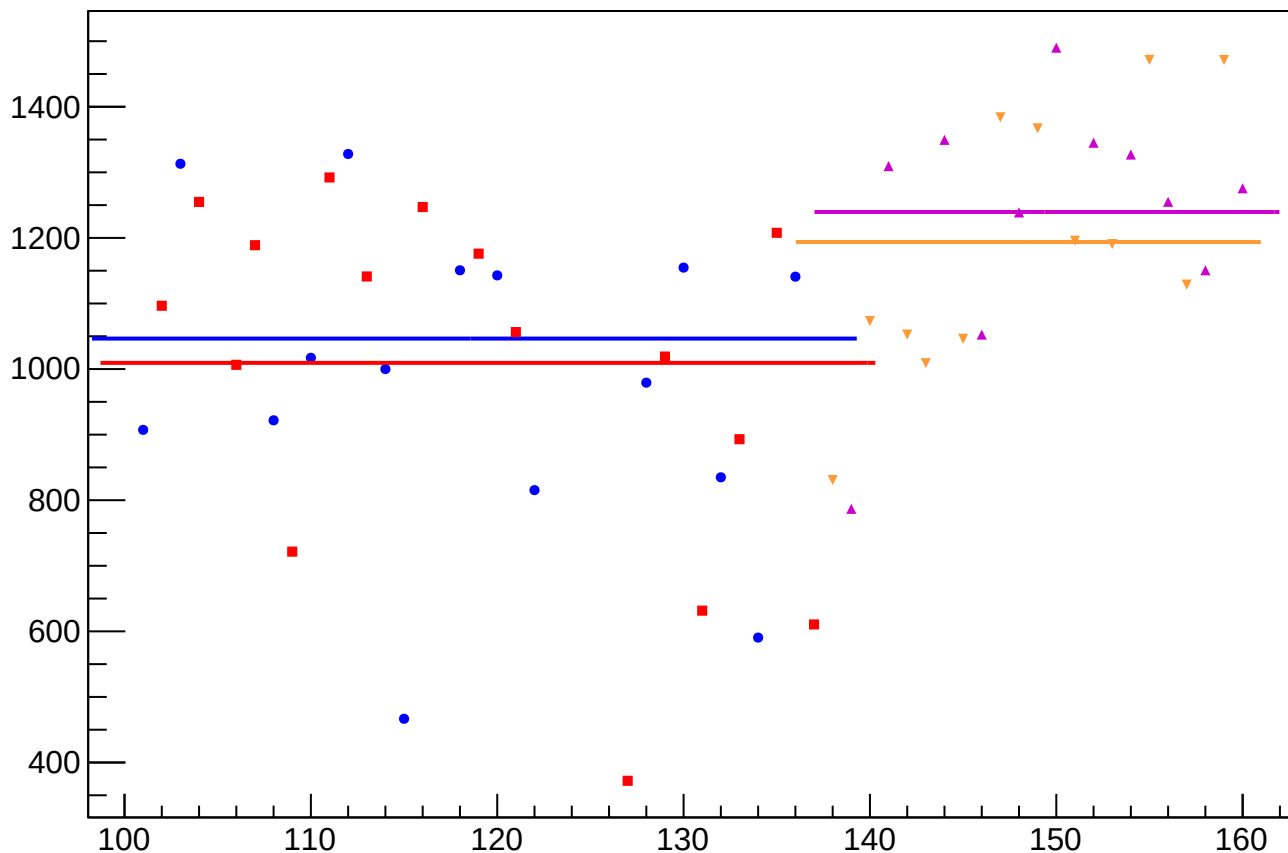
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF : 33726426520626408

All: 9.118+/-0.000 χ^2/NDF : 52742989230721

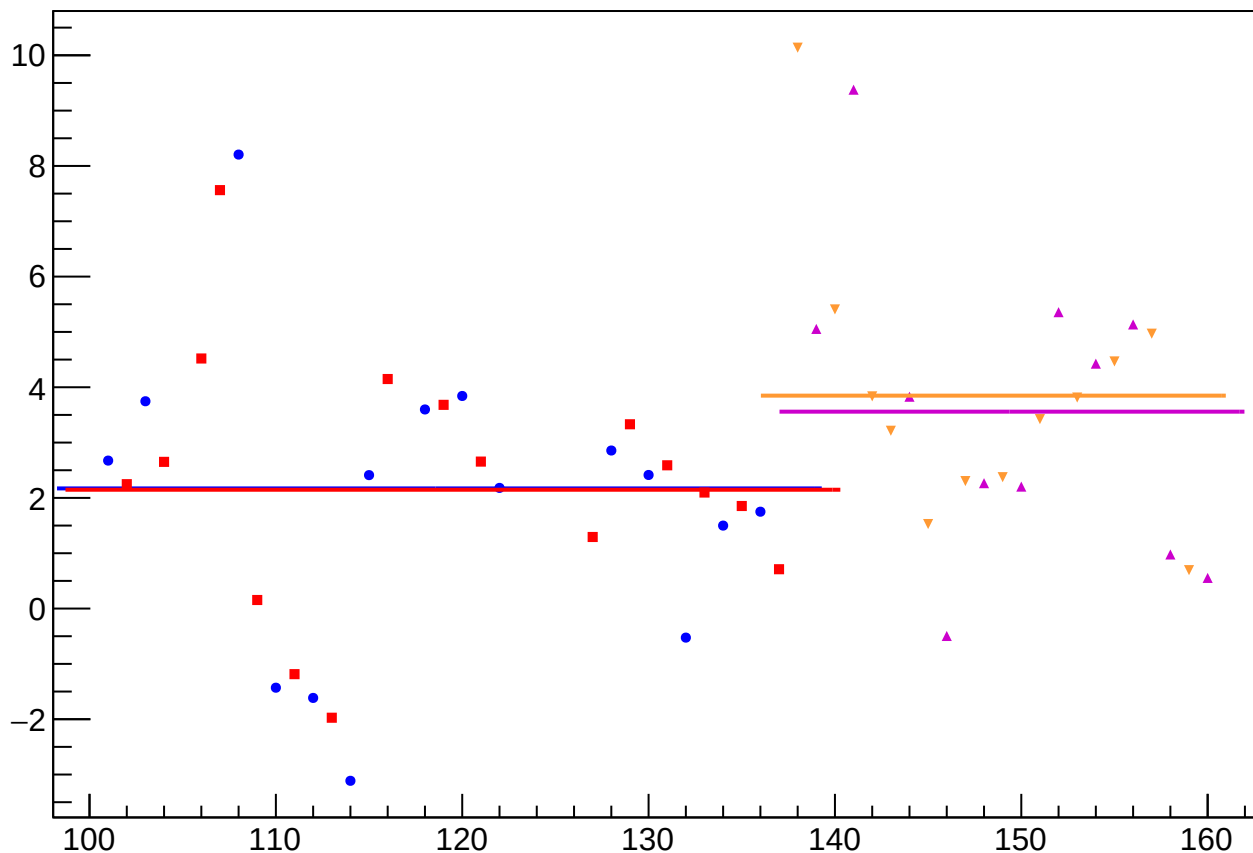
- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-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_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

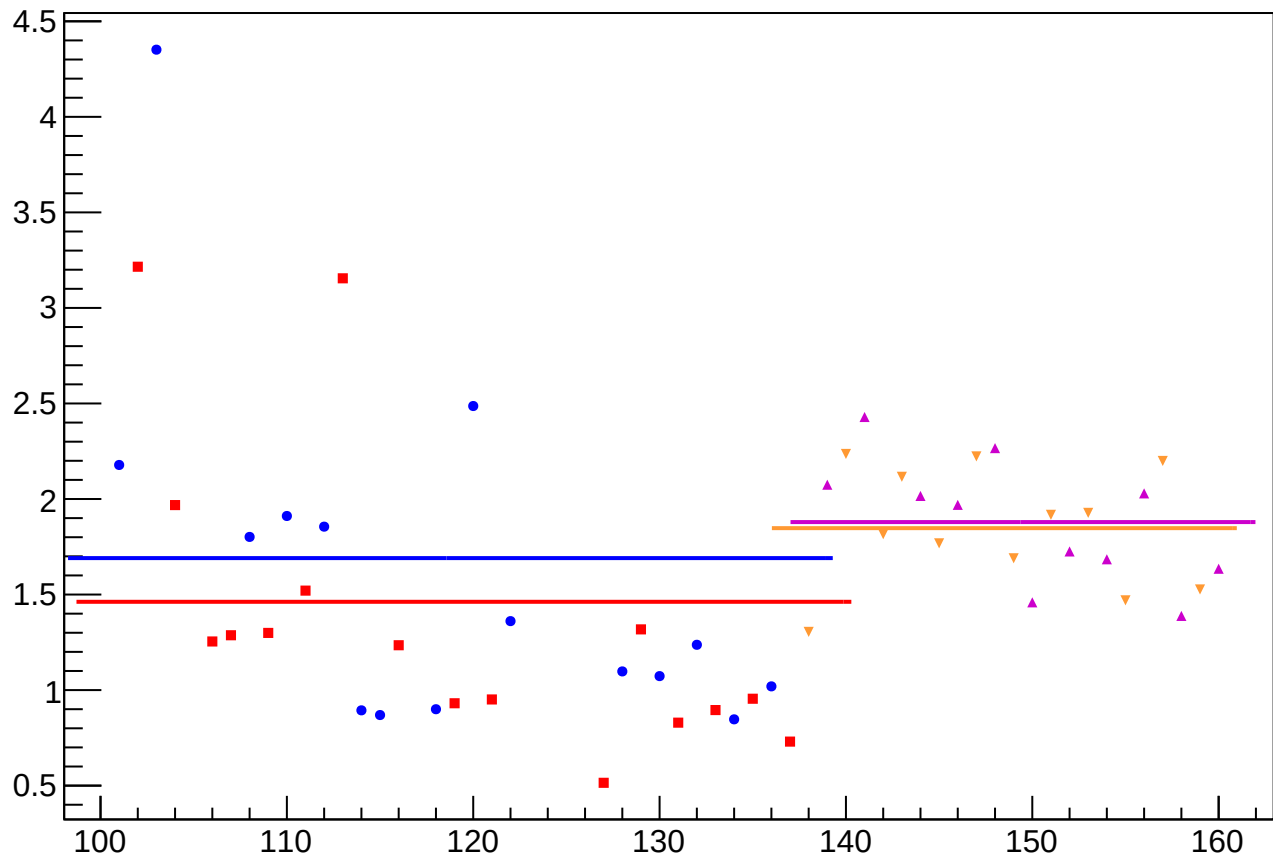
χ^2/NDF : 6492667345109962540652165758713856.0/10

+ 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

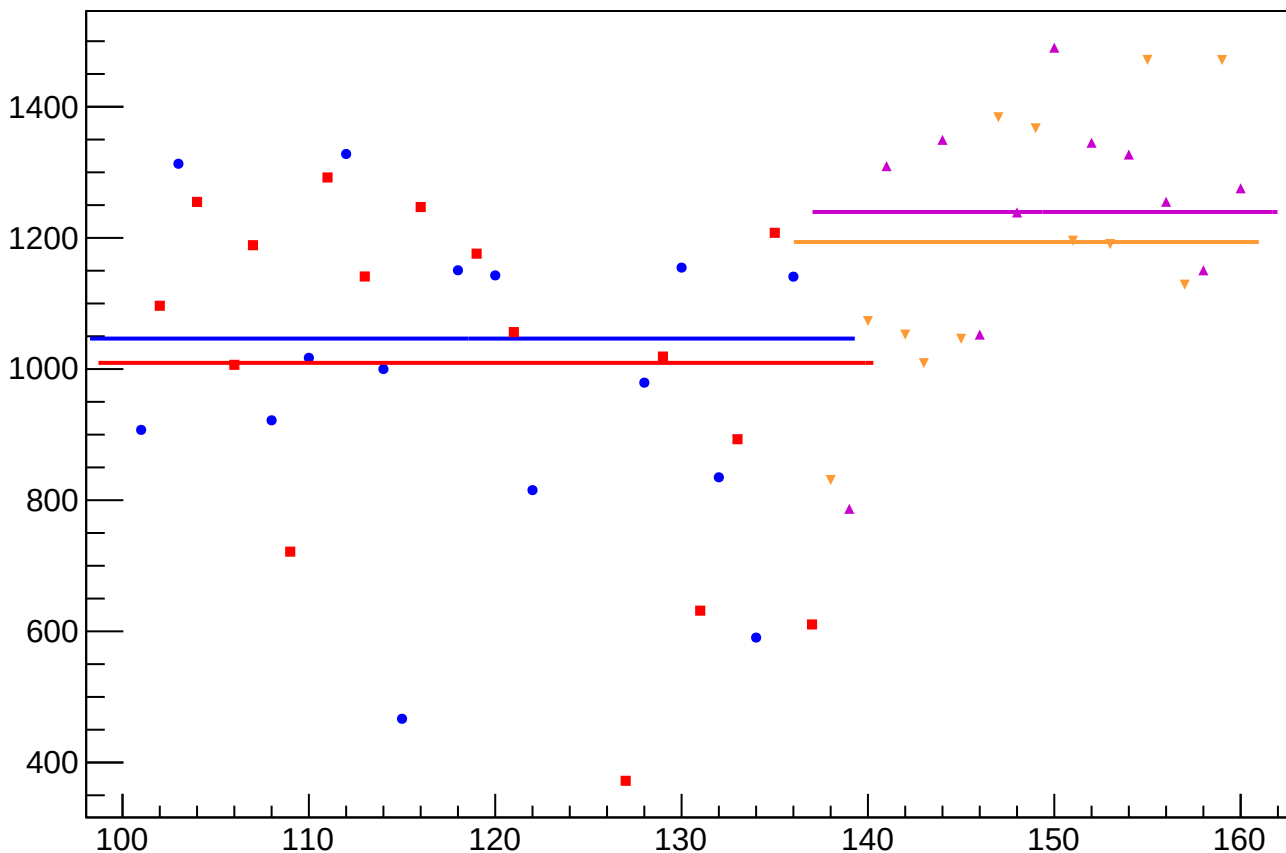
dit_4aY_coil1_err_mean vs Slug



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

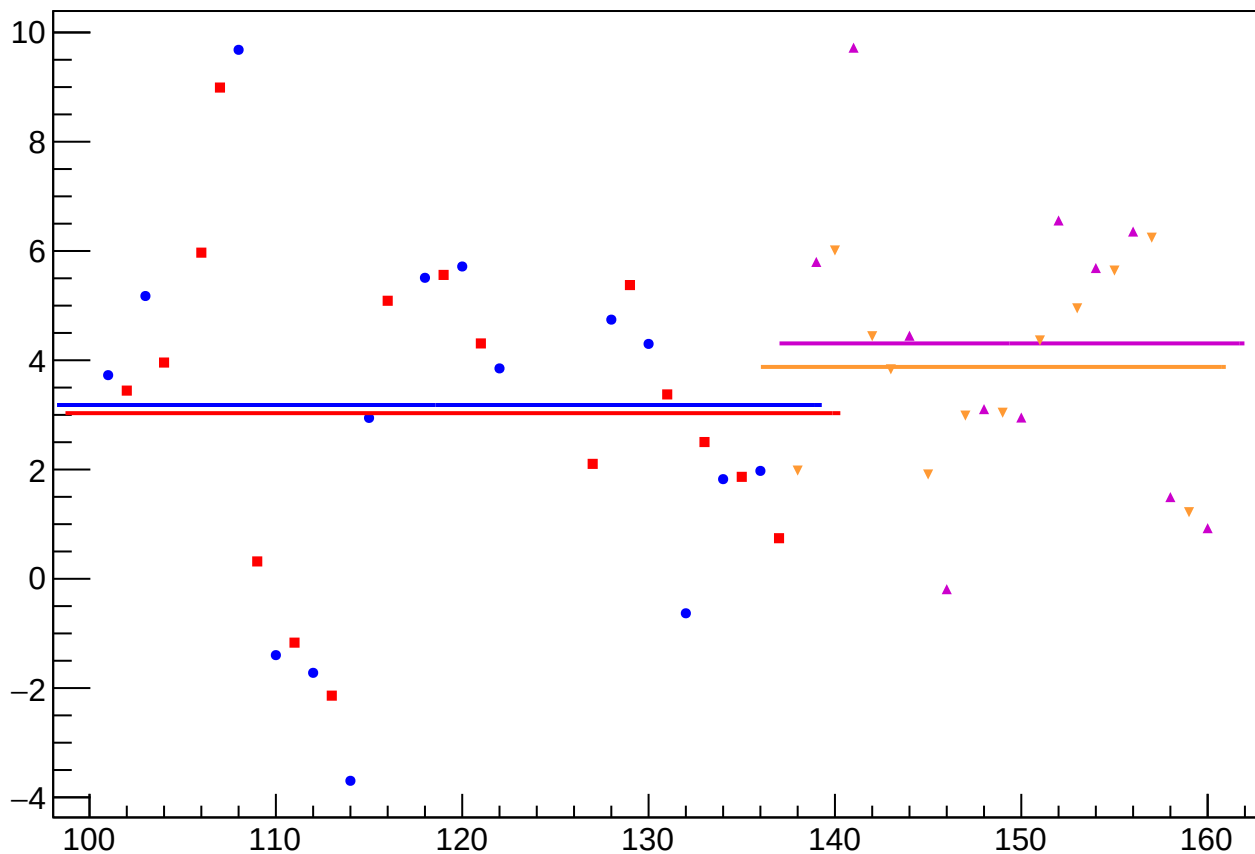
+ sign 1.782 ± 0.000 χ^2/NDF : 70564815632258701
 All: 1.743 ± 0.000 χ^2/NDF : 13132209144747
 - sign 1.704 ± 0.000 χ^2/NDF : 60277351909397025

dit_4aY_coil1_Ndata_mean vs Slug



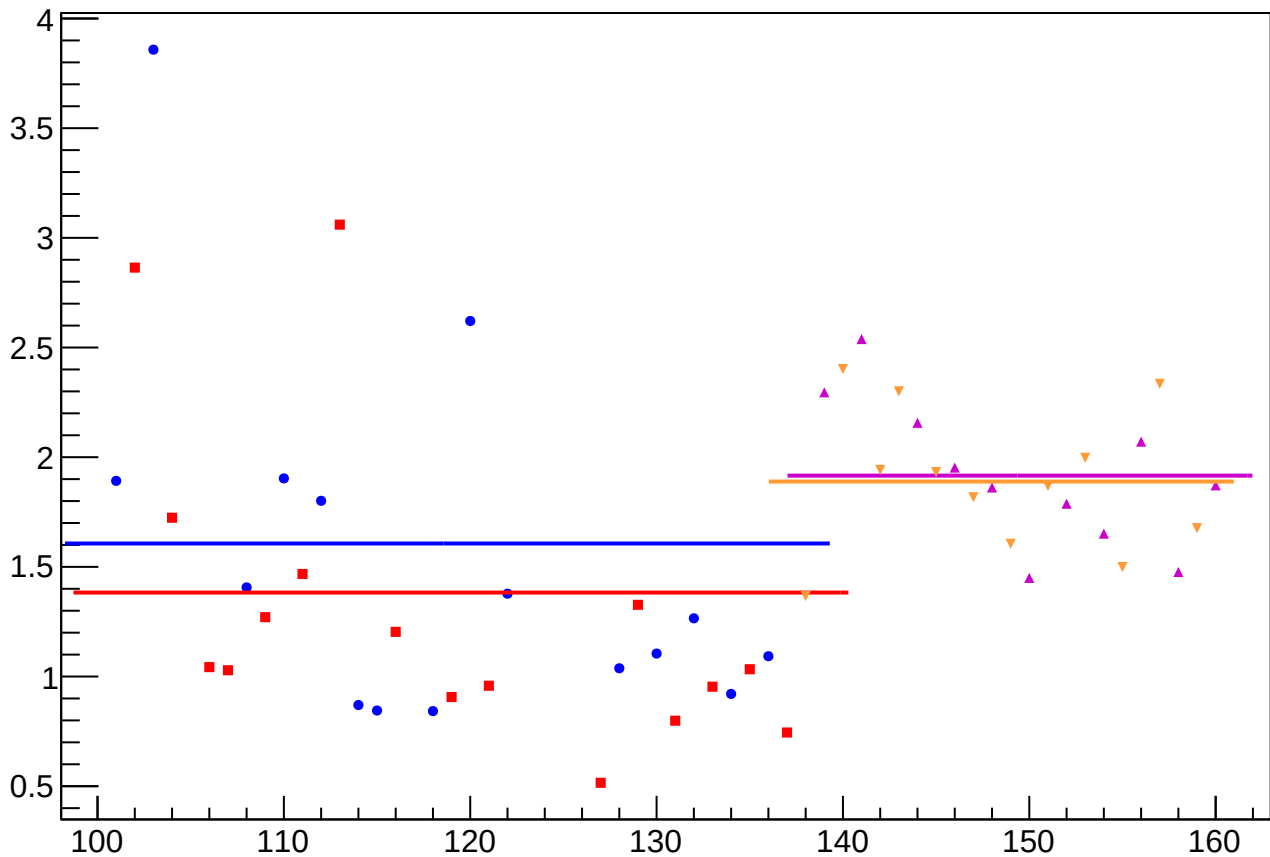
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

dit_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
All: 3.682+/-0.000 χ^2/NDF : 21150064748618.0/40 + sign 3.589+/-0.000 χ^2/NDF : 84811787194063263.0/36 - sign 3.773+/-0.000 χ^2/NDF : 12642039557663055.0/36	

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

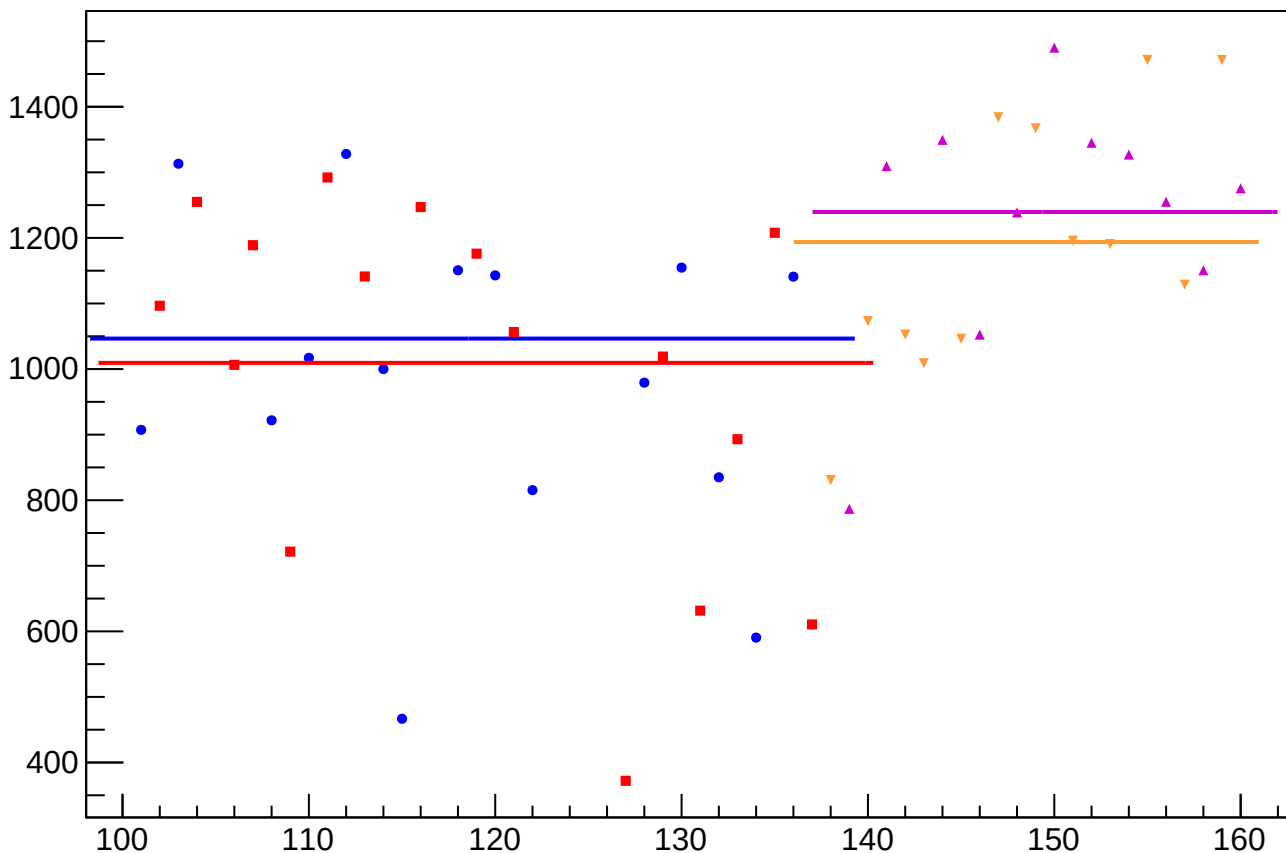
Left In: 1.916 $\pm$ 0.000 χ^2 /NDF: 95276515809016209875699691945984.0/10

+ 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



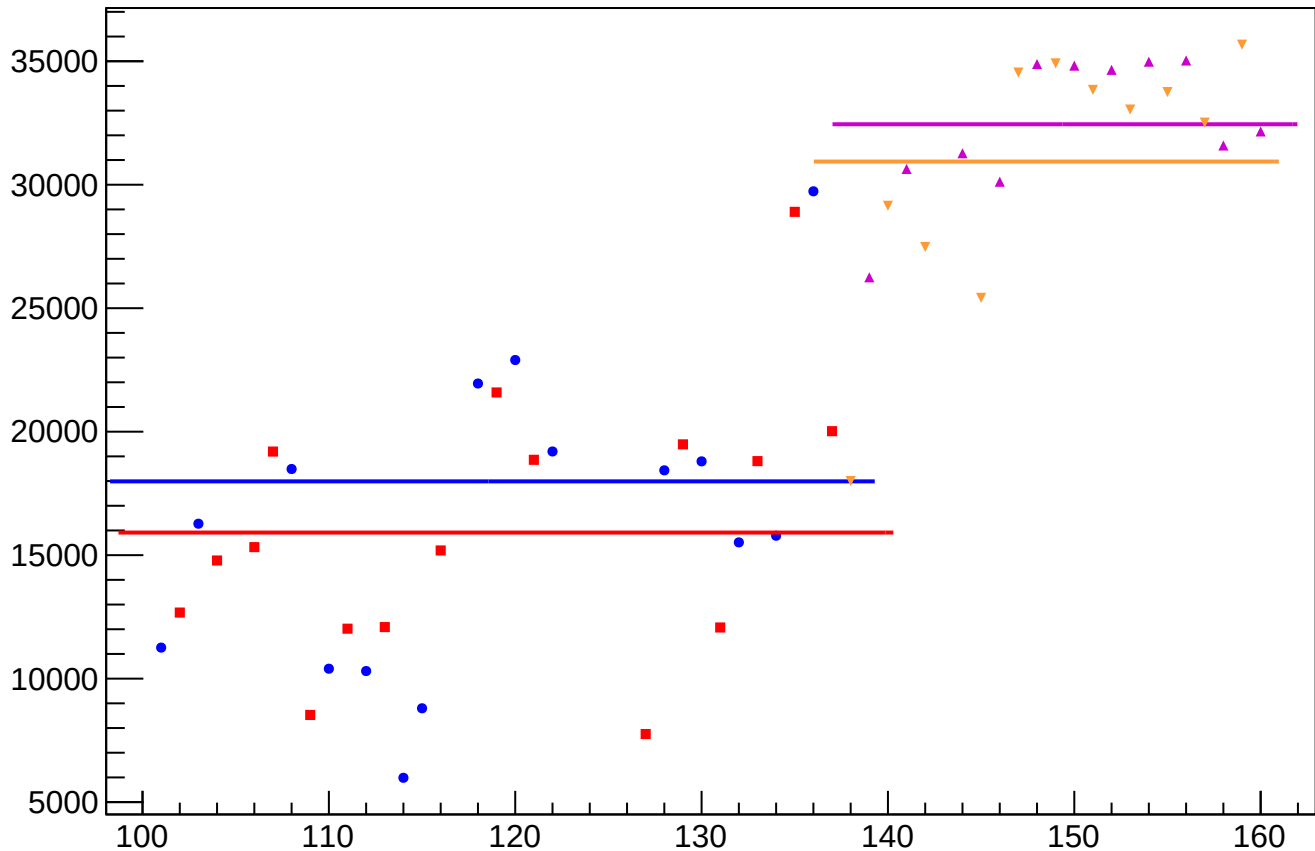
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

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

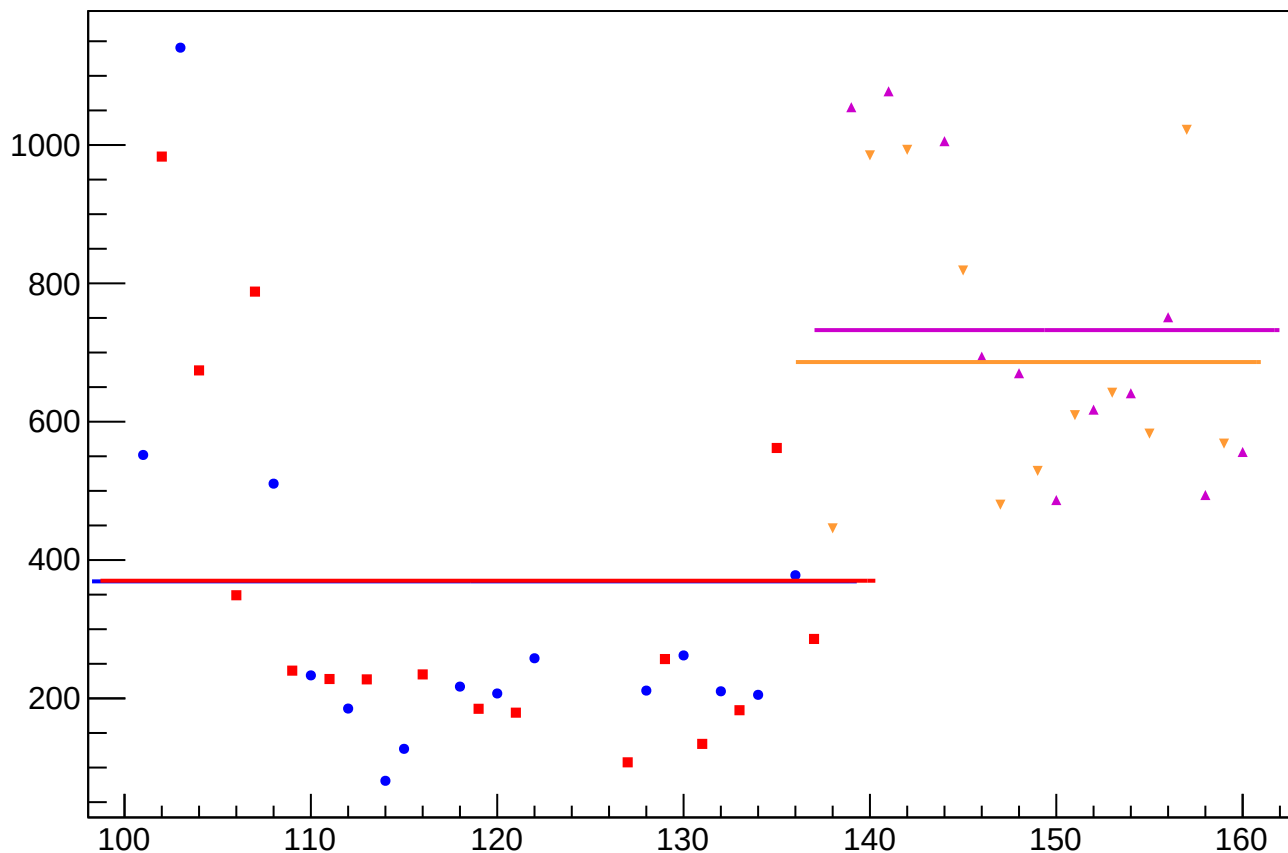
dit_usl_coil1_mean vs Slug



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

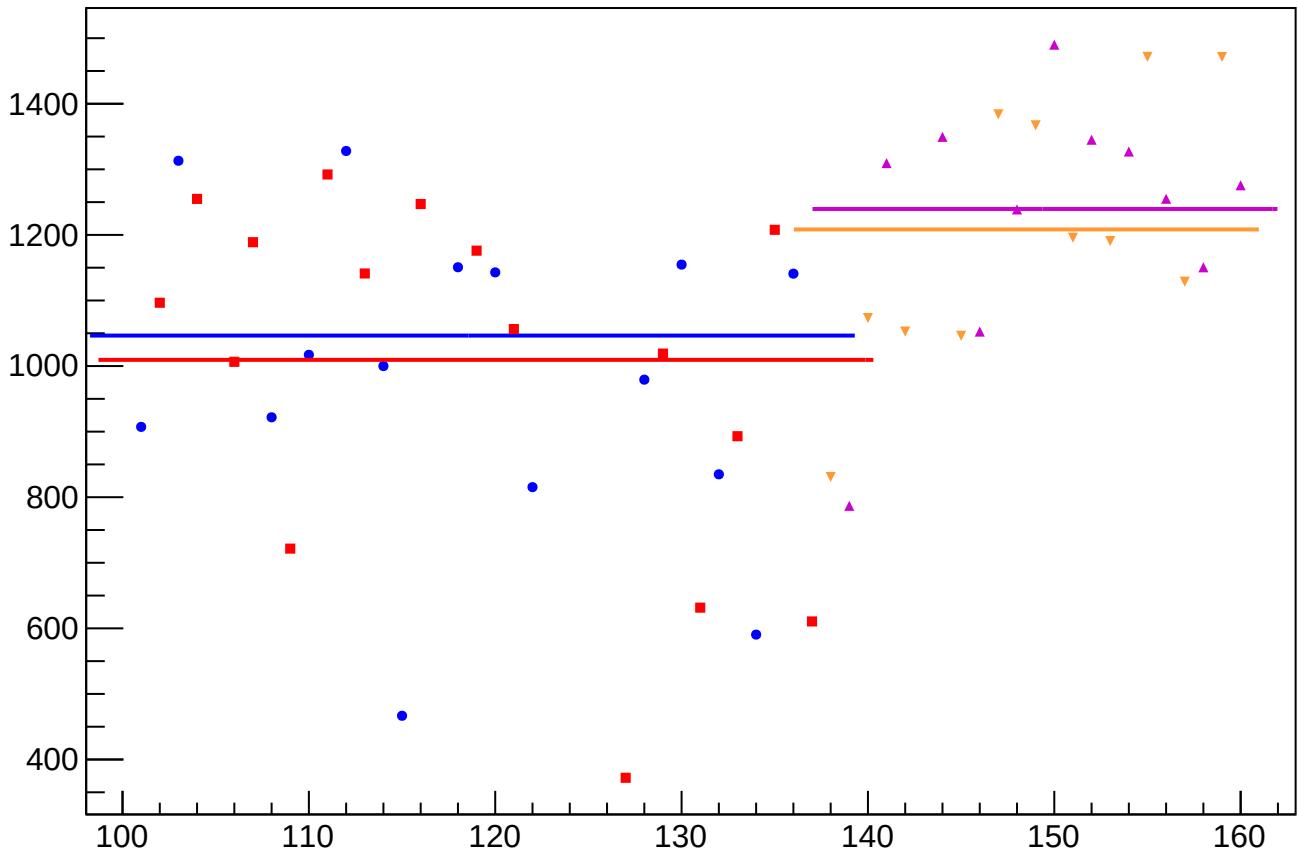
All: 565.091+/-0.000 χ^2/NDF : 259202401082

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

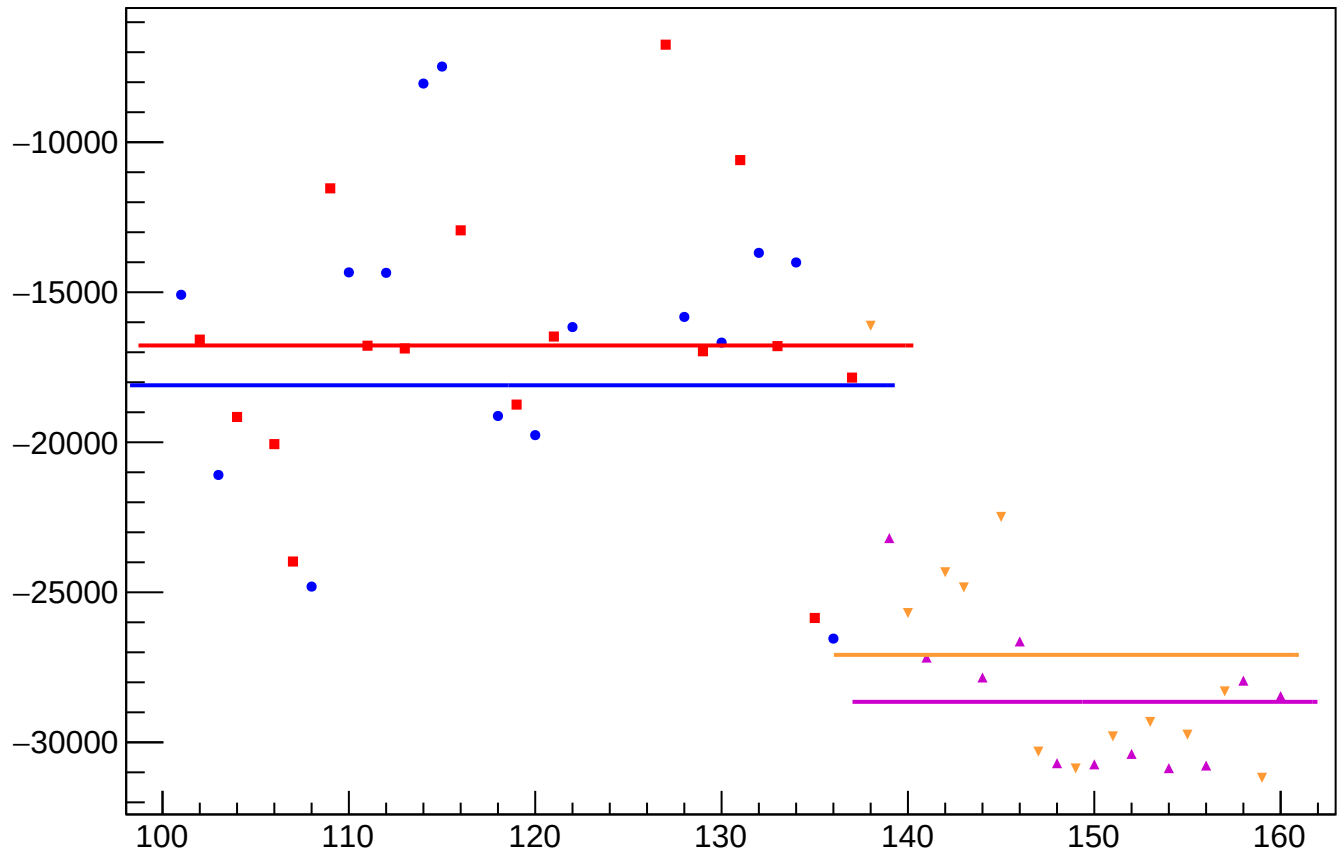
dit_usl_coil1_Ndata_mean vs Slug



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

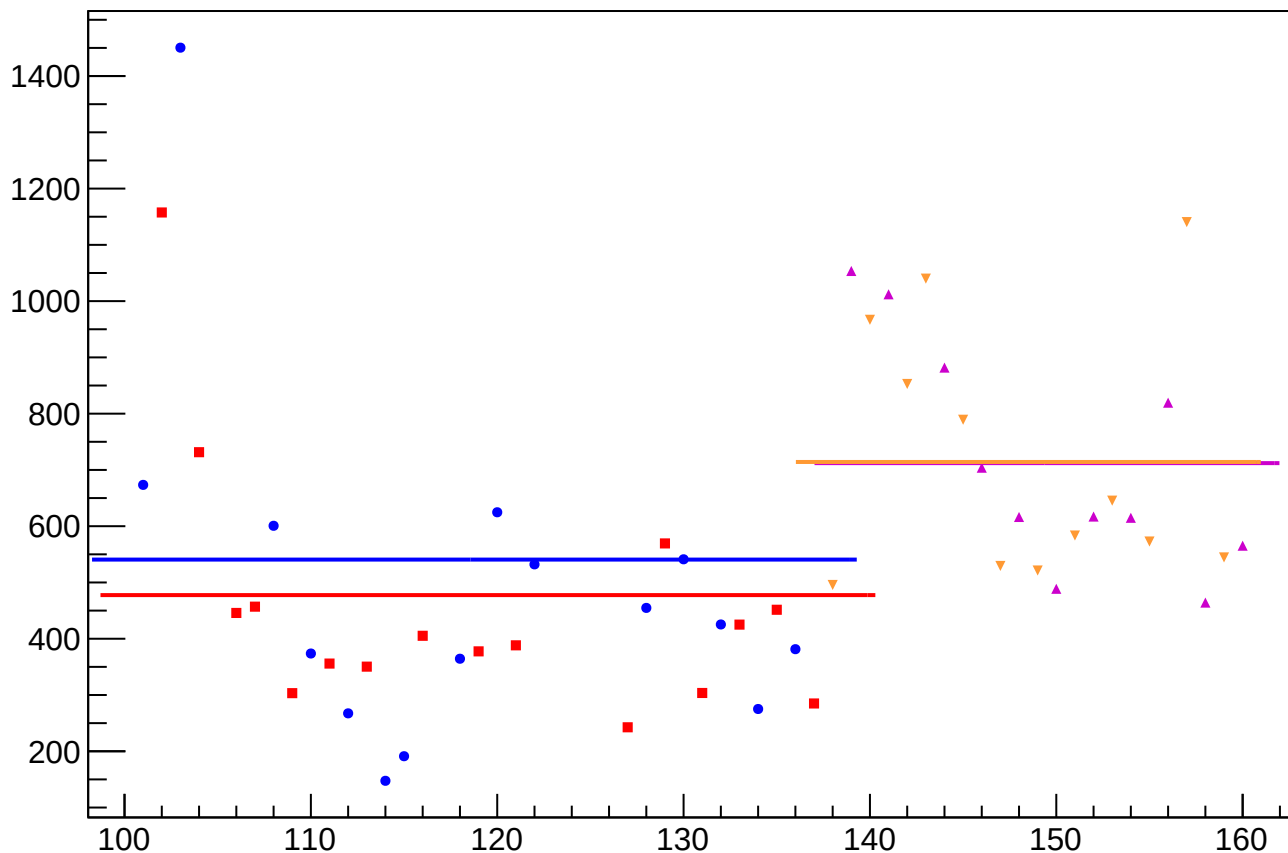
+ sign 1138.127+/-0.000 χ^2/NDF : 66412650690815
 All: 1140.682+/-0.000 χ^2/NDF : 16066171729
 - sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

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
 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

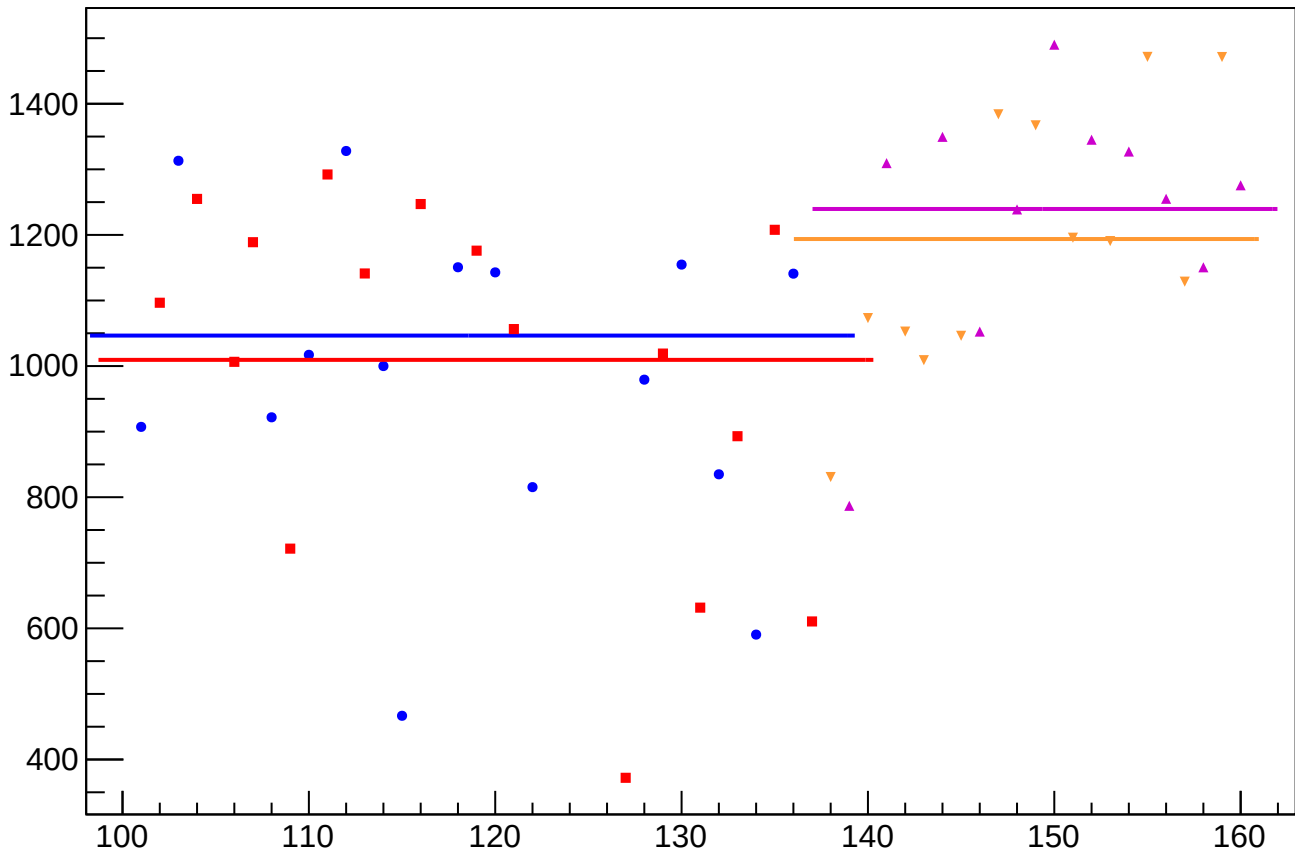
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

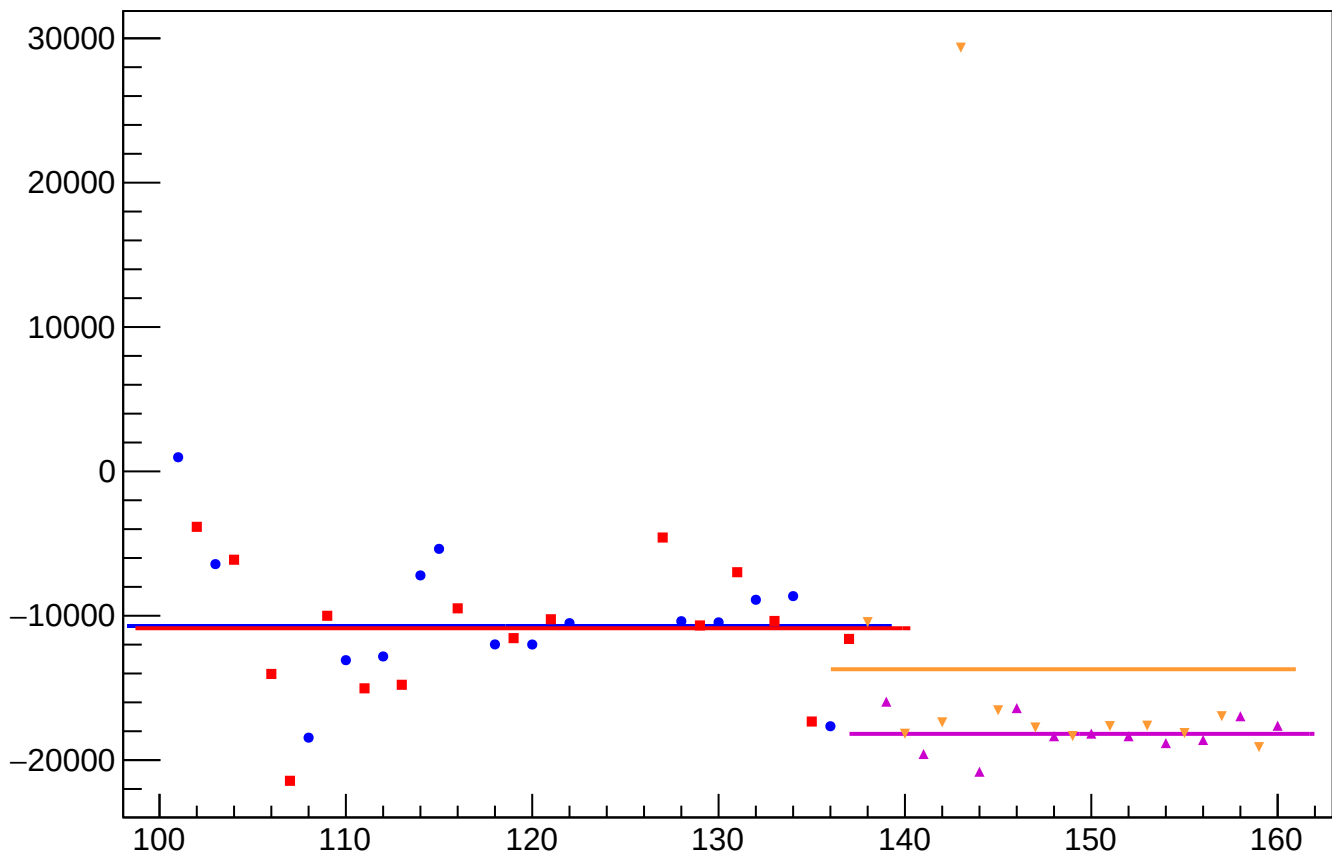
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

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



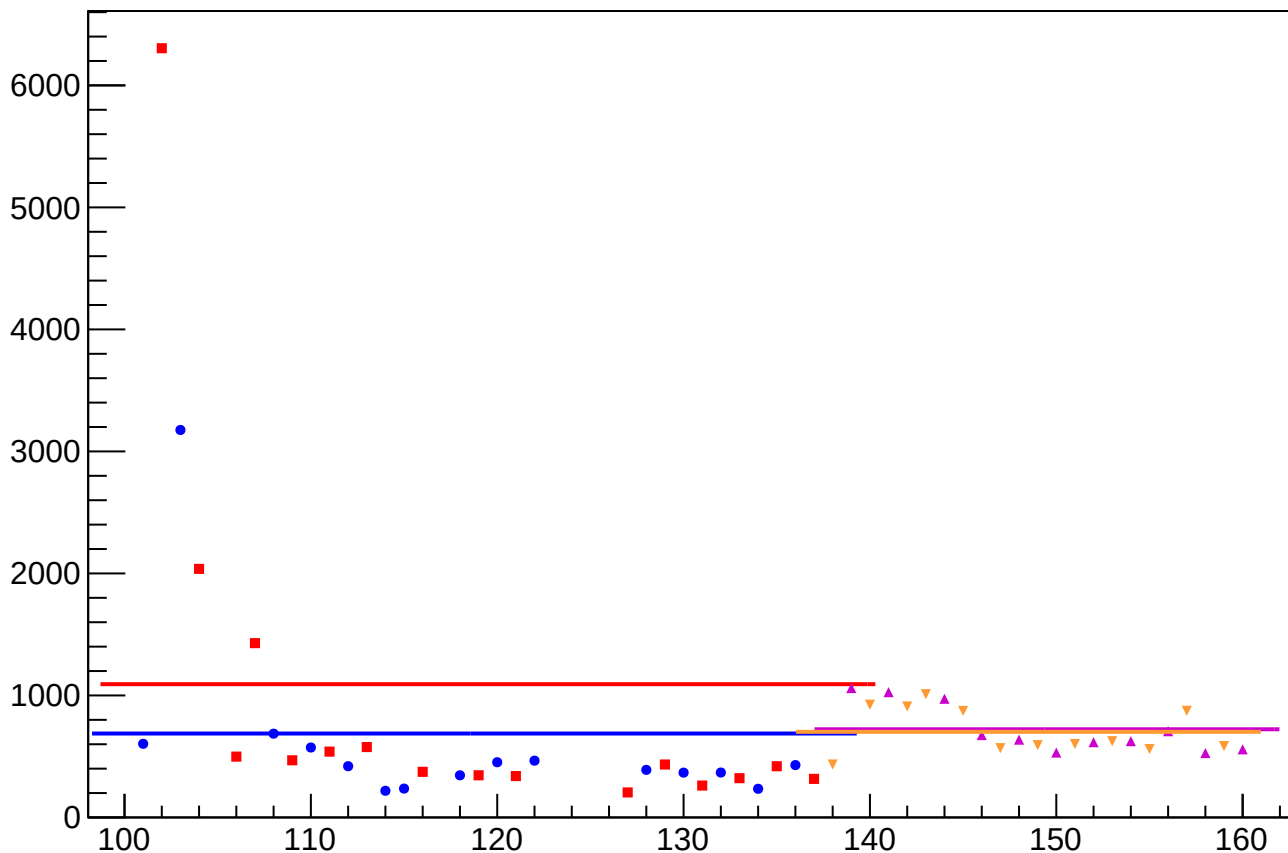
Right In: -10710.292+/-0.000	χ^2/NDF : 16945226152053511840482618402250170564608.0/14
Left Out: -13705.488+/-0.000	χ^2/NDF : 138226511026527050662319693841079709204480.0/11
Right Out: -10866.264+/-0.000	χ^2/NDF : 14234762838858382484525901644131626647552.0/15
Left In: -18181.504+/-0.000	χ^2/NDF : 1643617183572647868818914289162838343680.0/10

+ sign -12461.801+/-0.000 χ^2/NDF : 158576463536

All: -13800.033+/-0.000 χ^2/NDF : 200733129

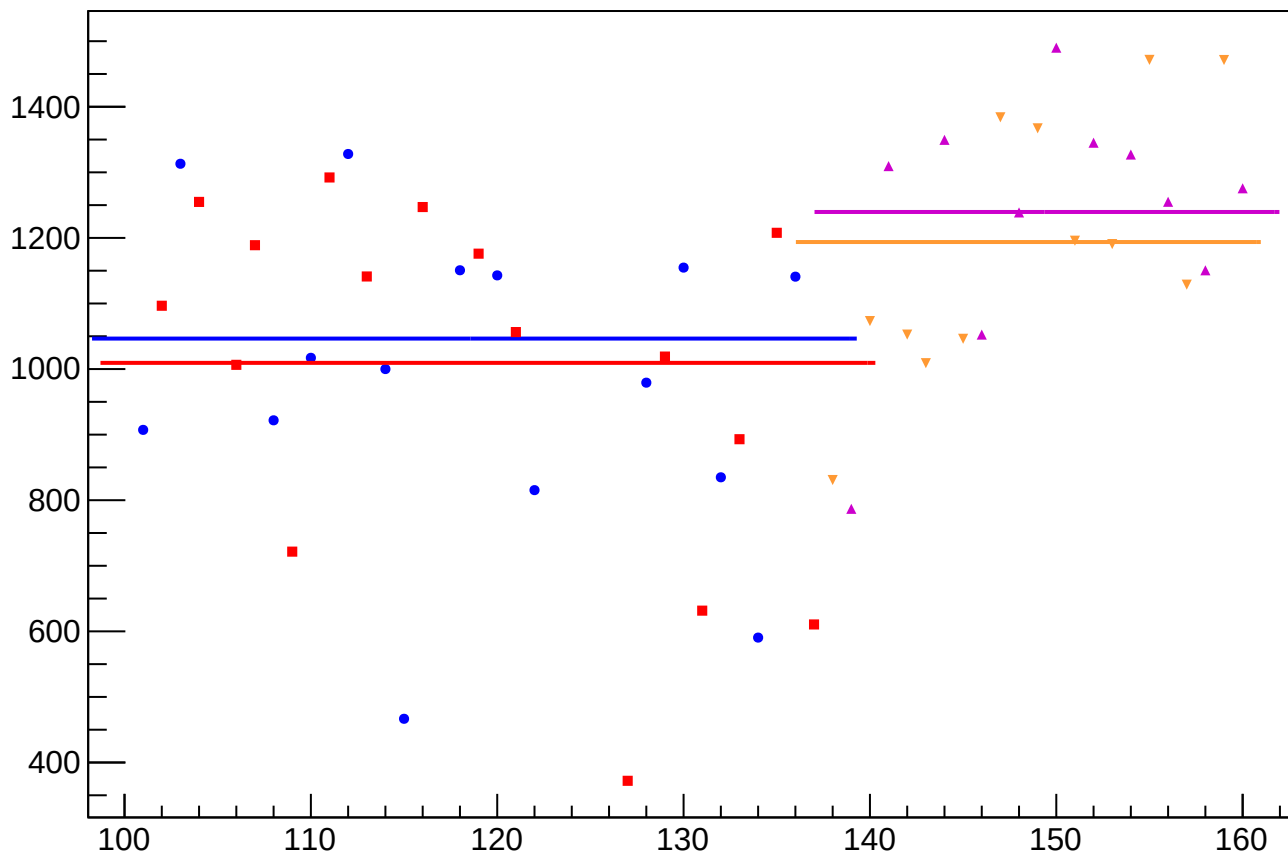
- sign -15114.713+/-0.000 χ^2/NDF : 3660768844081

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

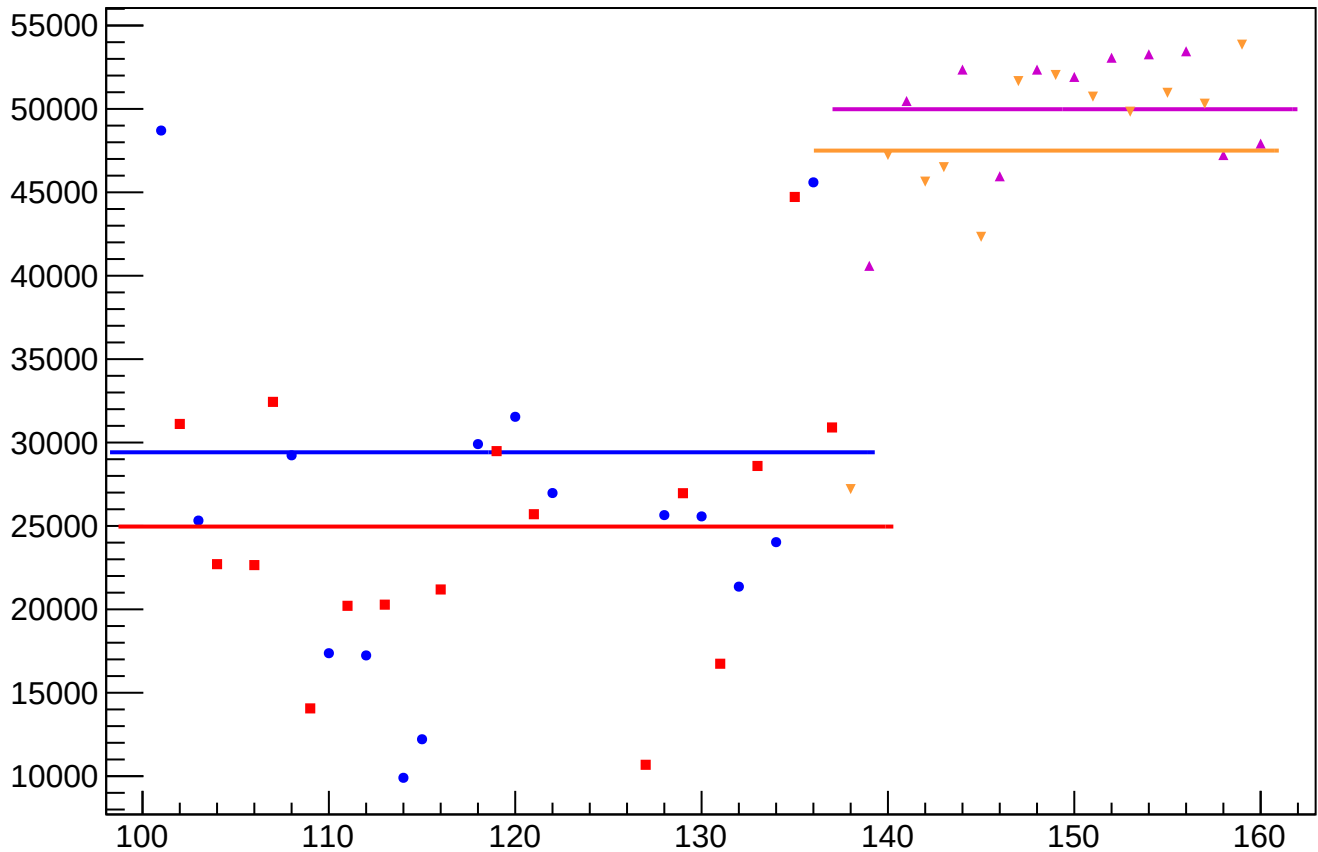
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

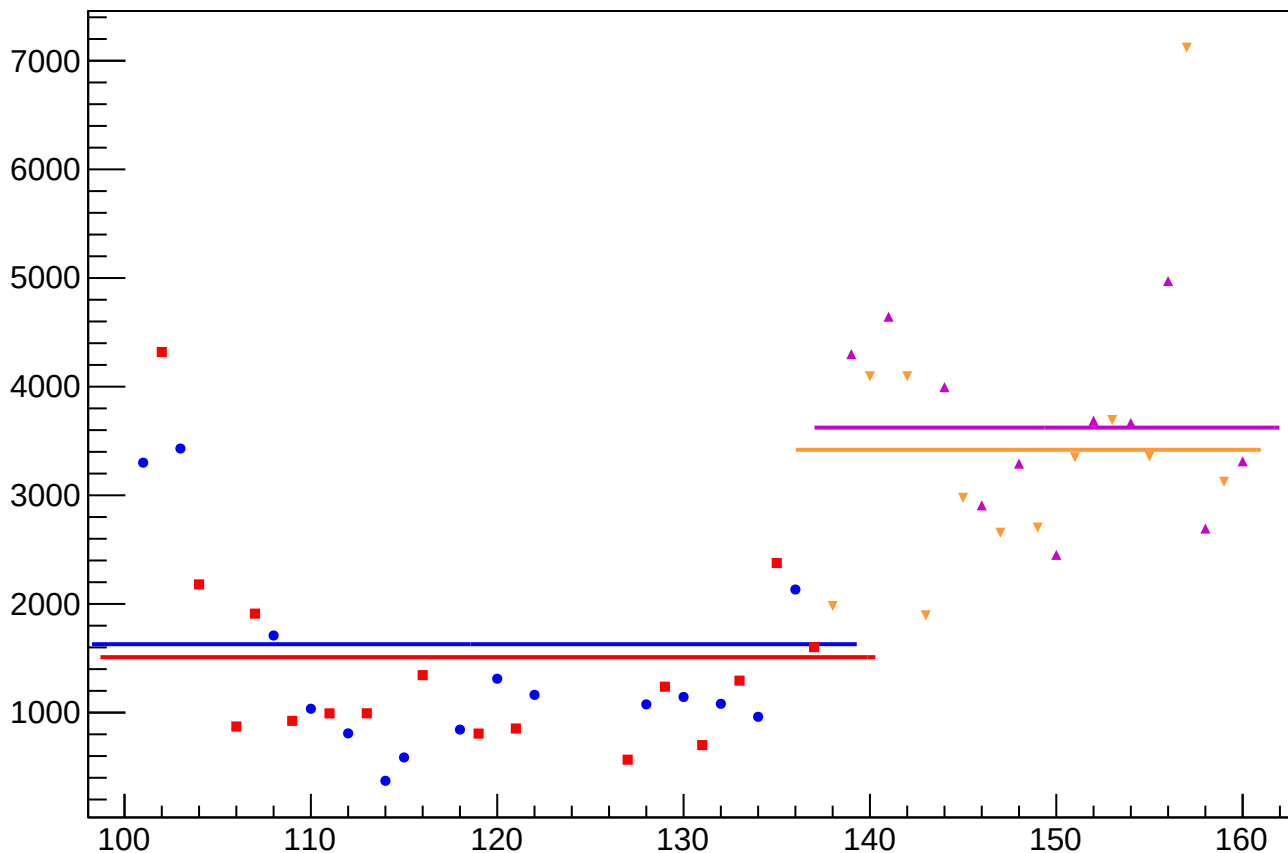
dit_atl2_coil1_mean vs Slug



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

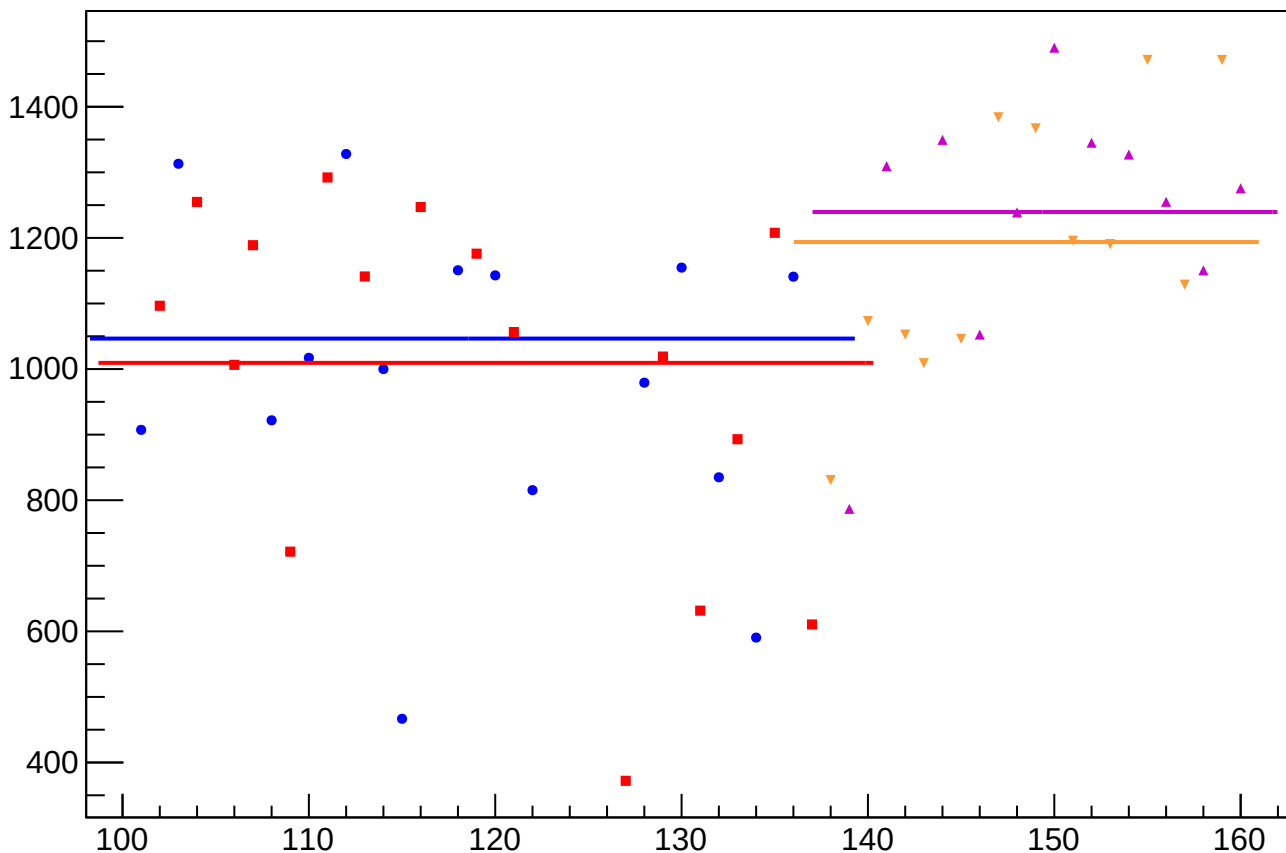
+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358
 All: 39740.450+/-0.000 χ^2/NDF : 5413093002
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

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

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

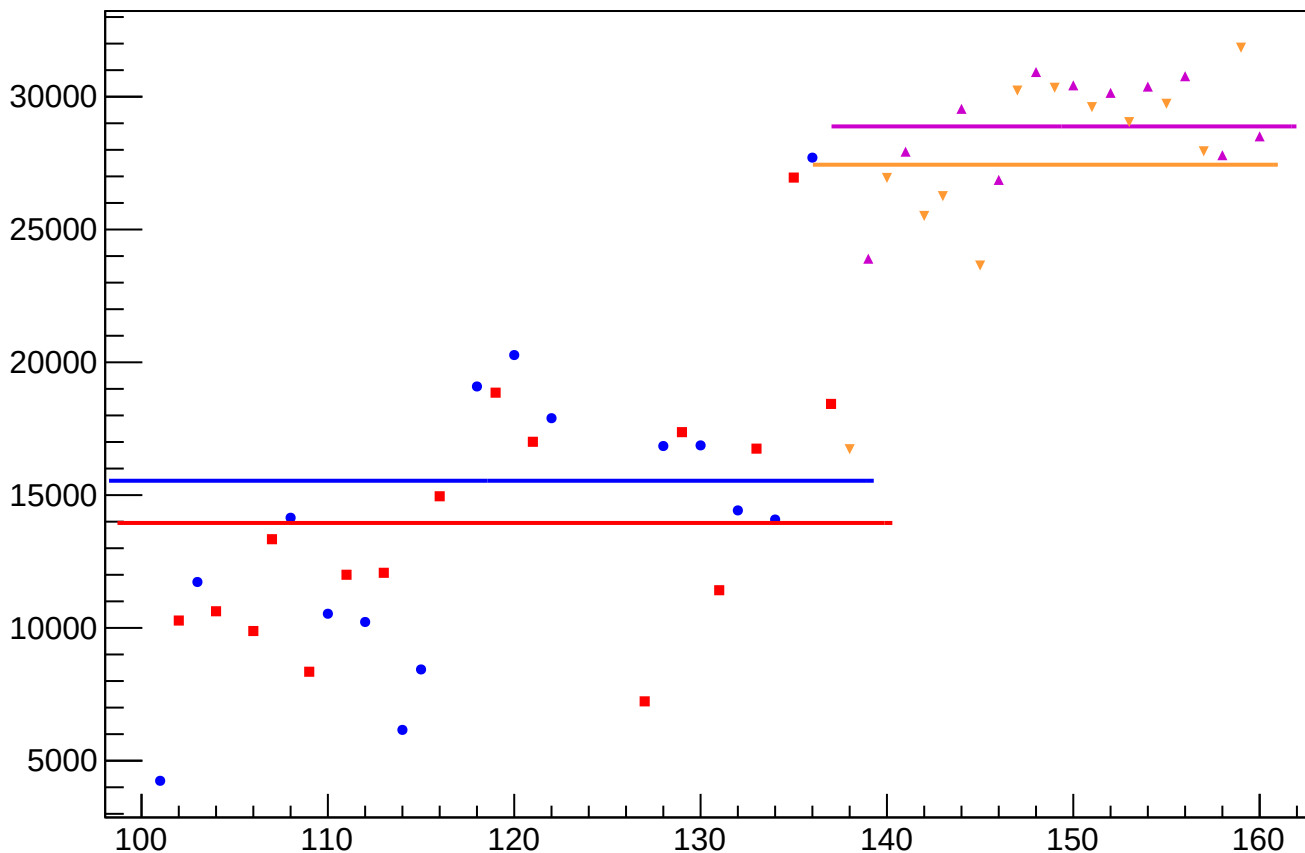
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

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

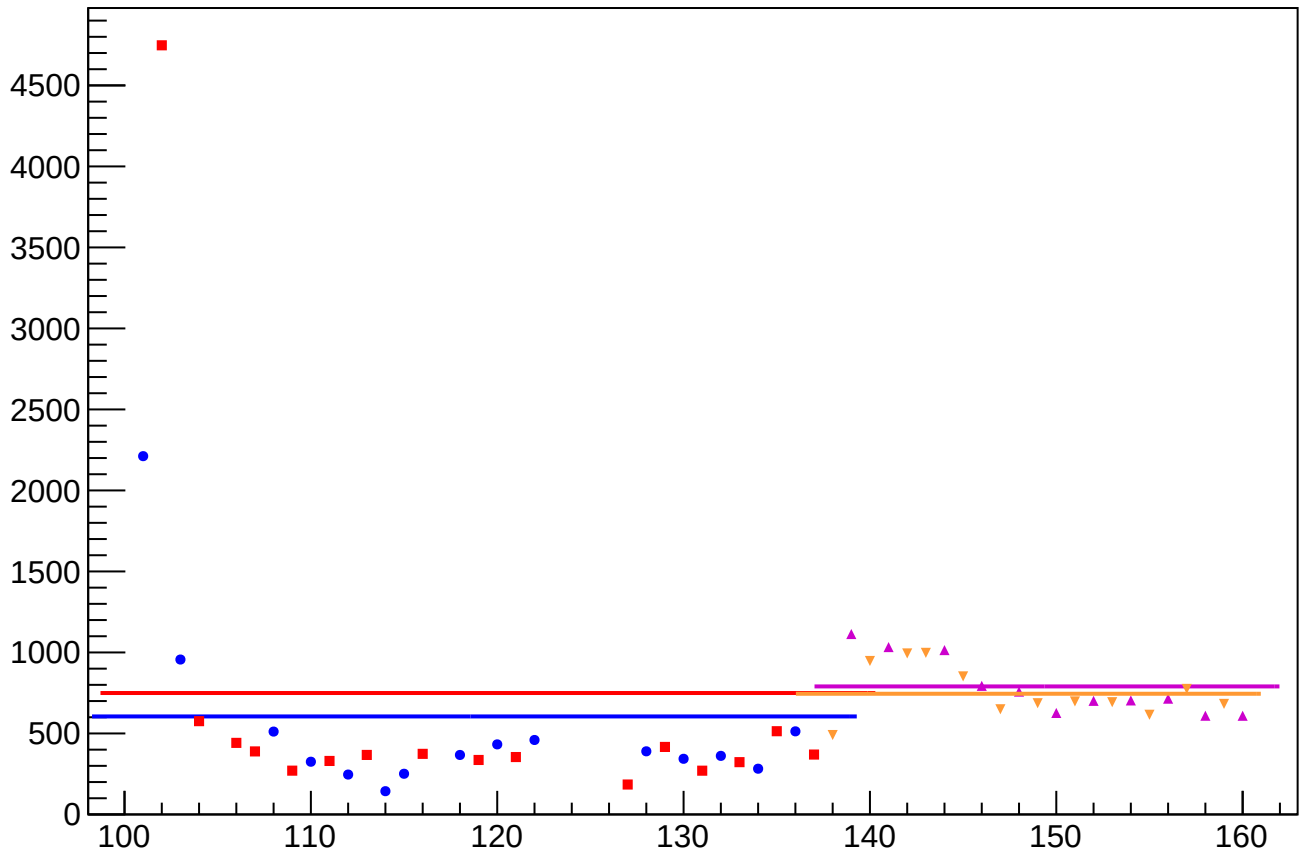
dit_atr1_coil1_mean vs Slug



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



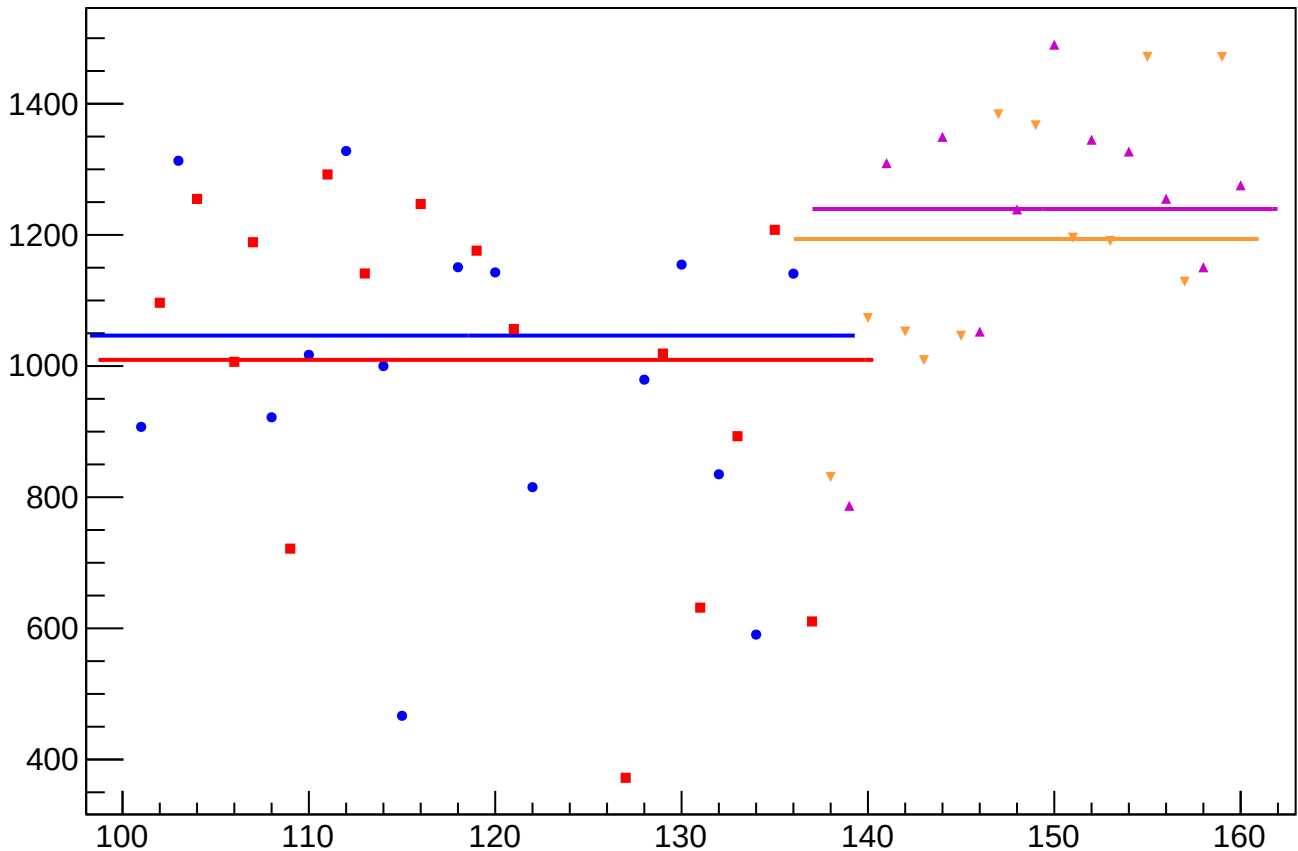
Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 744.985+/-0.000 χ^2/NDF : 19571453984278961719936247870544412672.0/11

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

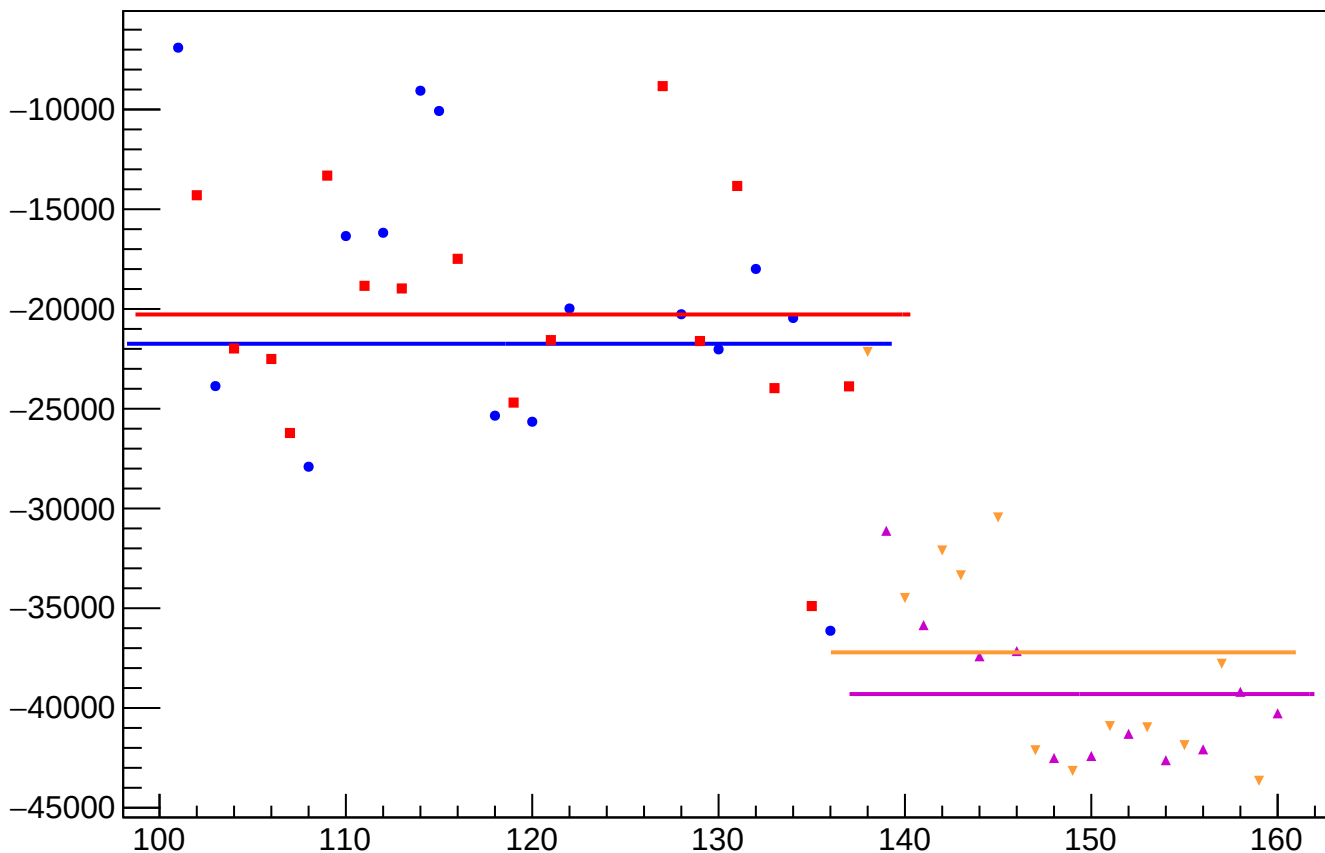
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

dit_atr1_coil1_Ndata_mean vs Slug



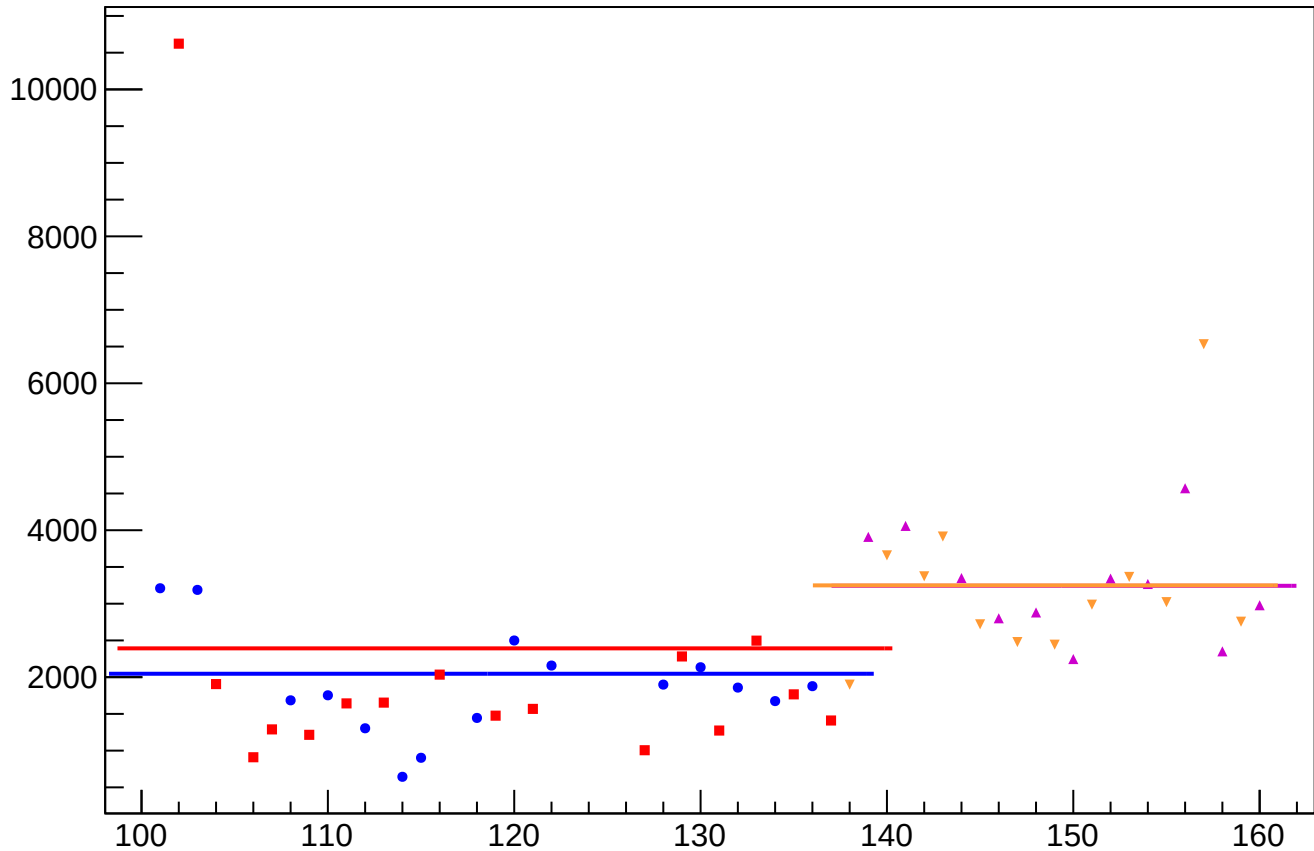
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



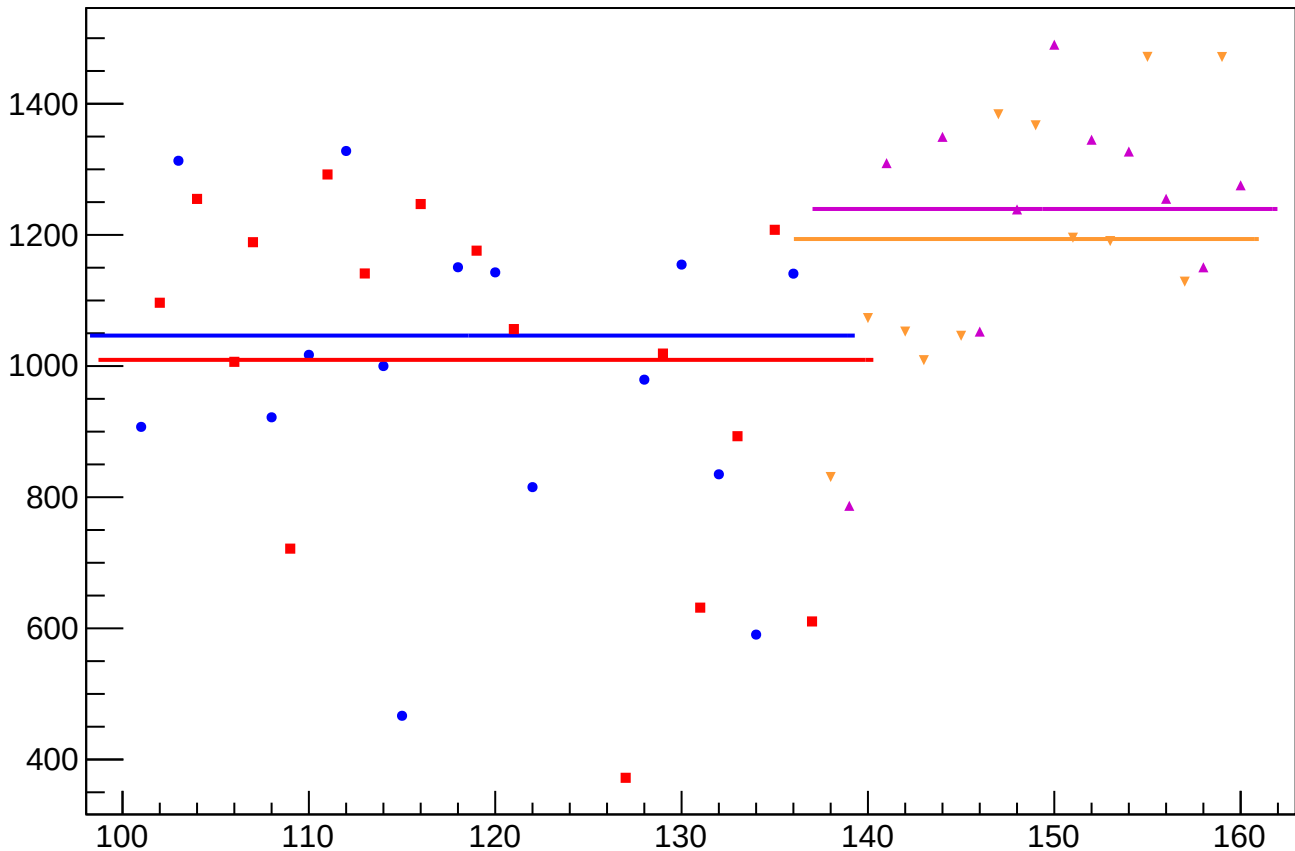
Right In: -21743.360+/-0.000	χ^2/NDF : 41106858823579527325198675675398793068544.0/14	+ sign -30788.276+/-0.000	χ^2/NDF : 168137649264
Left Out: -37210.761+/-0.000	χ^2/NDF : 36234813568101266501920845904945520574464.0/11	All: -31059.001+/-0.000	χ^2/NDF : 345412130
Right Out: -20275.415+/-0.000	χ^2/NDF : 25935869132092920231681532417627320745984.0/15	- sign -31324.961+/-0.000	χ^2/NDF : 1770473871176
Left In: -39301.203+/-0.000	χ^2/NDF : 10890557195828480655850873156116452212736.0/10		

dit_atr2_coil1_err_mean vs Slug



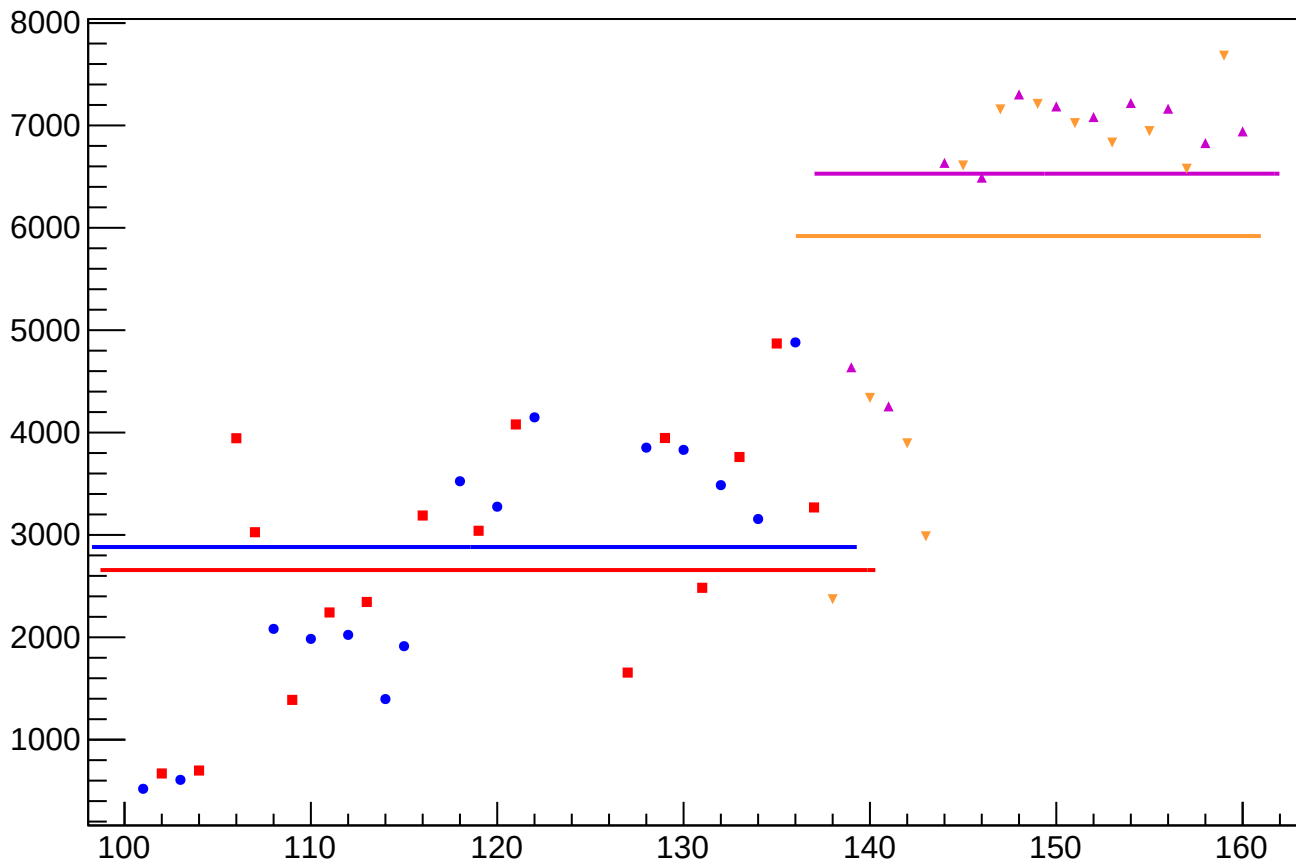
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- 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



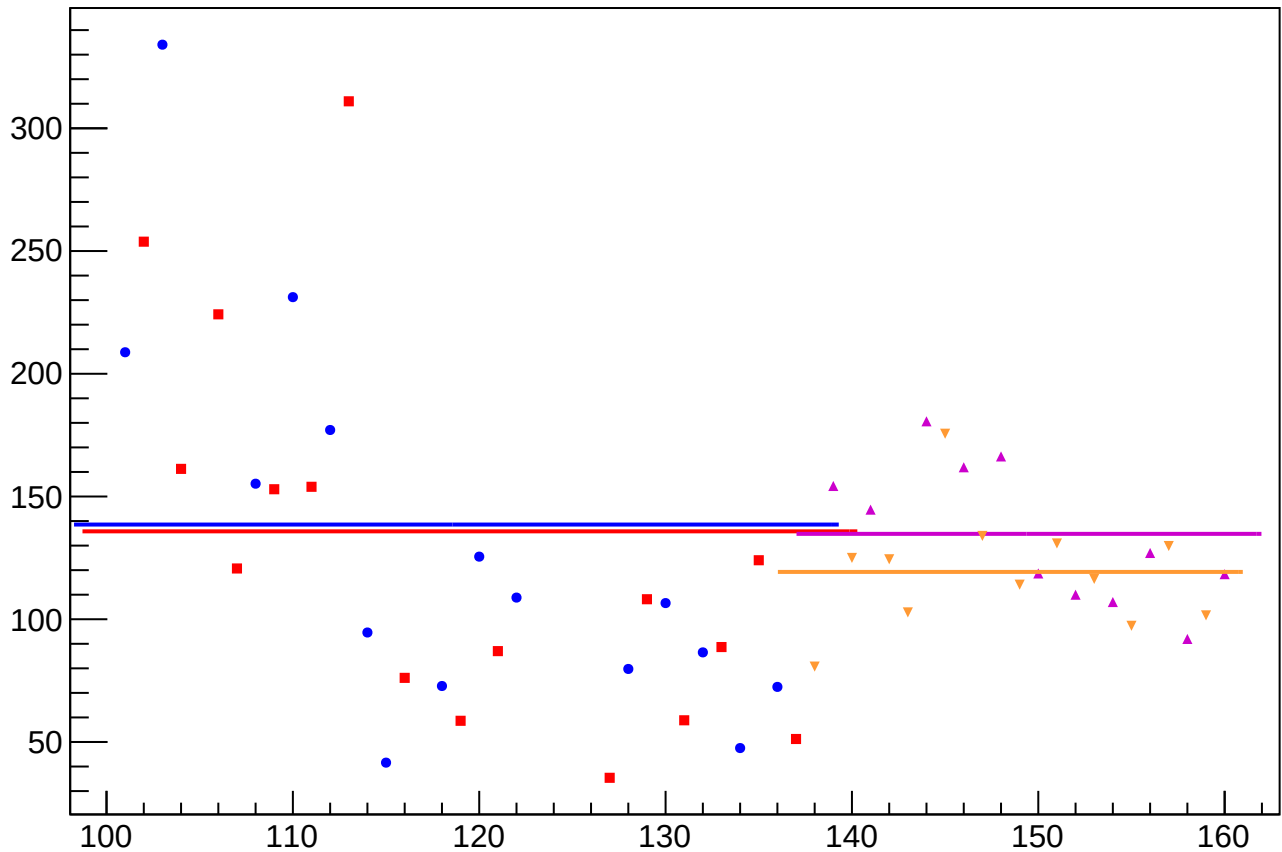
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



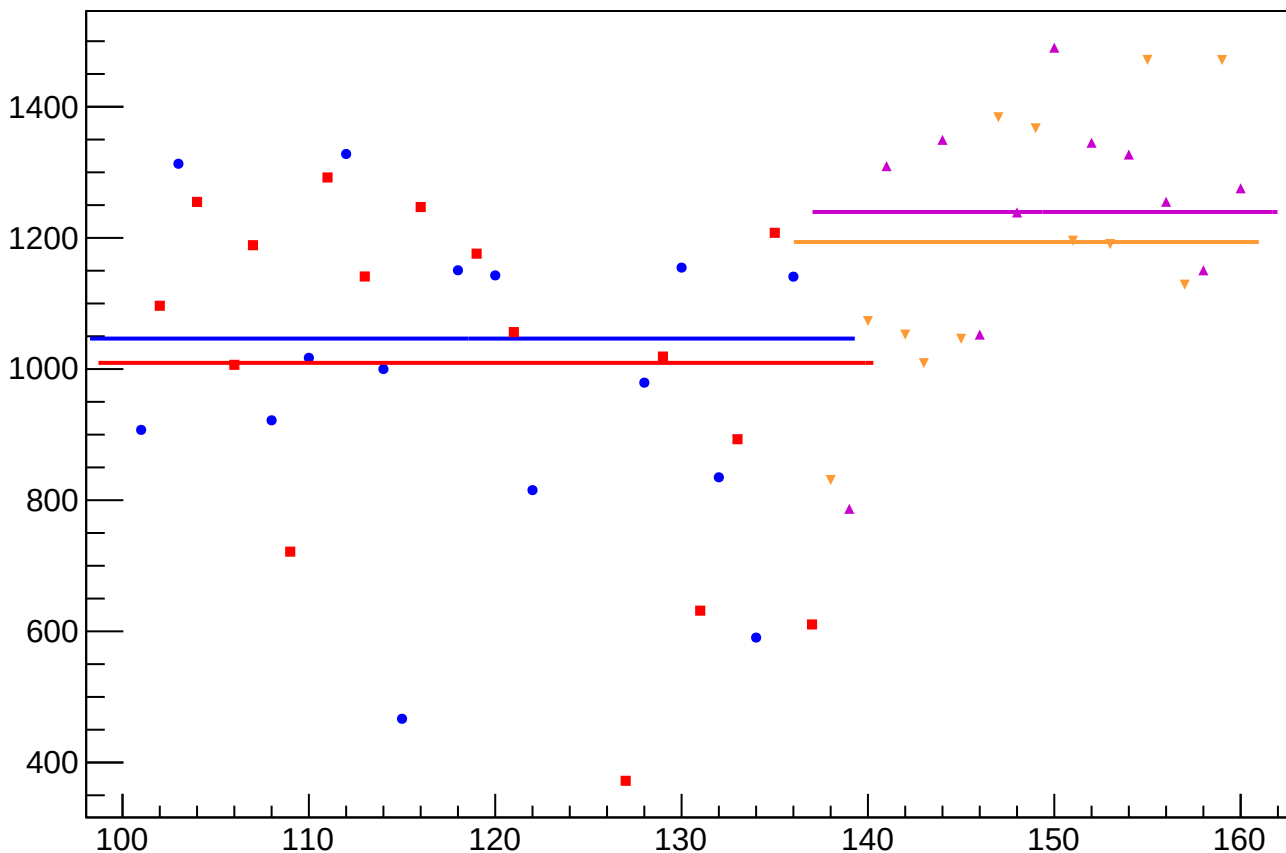
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5919.511+/-0.000 χ^2/NDF : 2779072700024845827027981240176985767936.0/11
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6528.681+/-0.000 χ^2/NDF : 940619832290547661204641528694924378112.0/10

dit_sam1_coil1_err_mean vs Slug

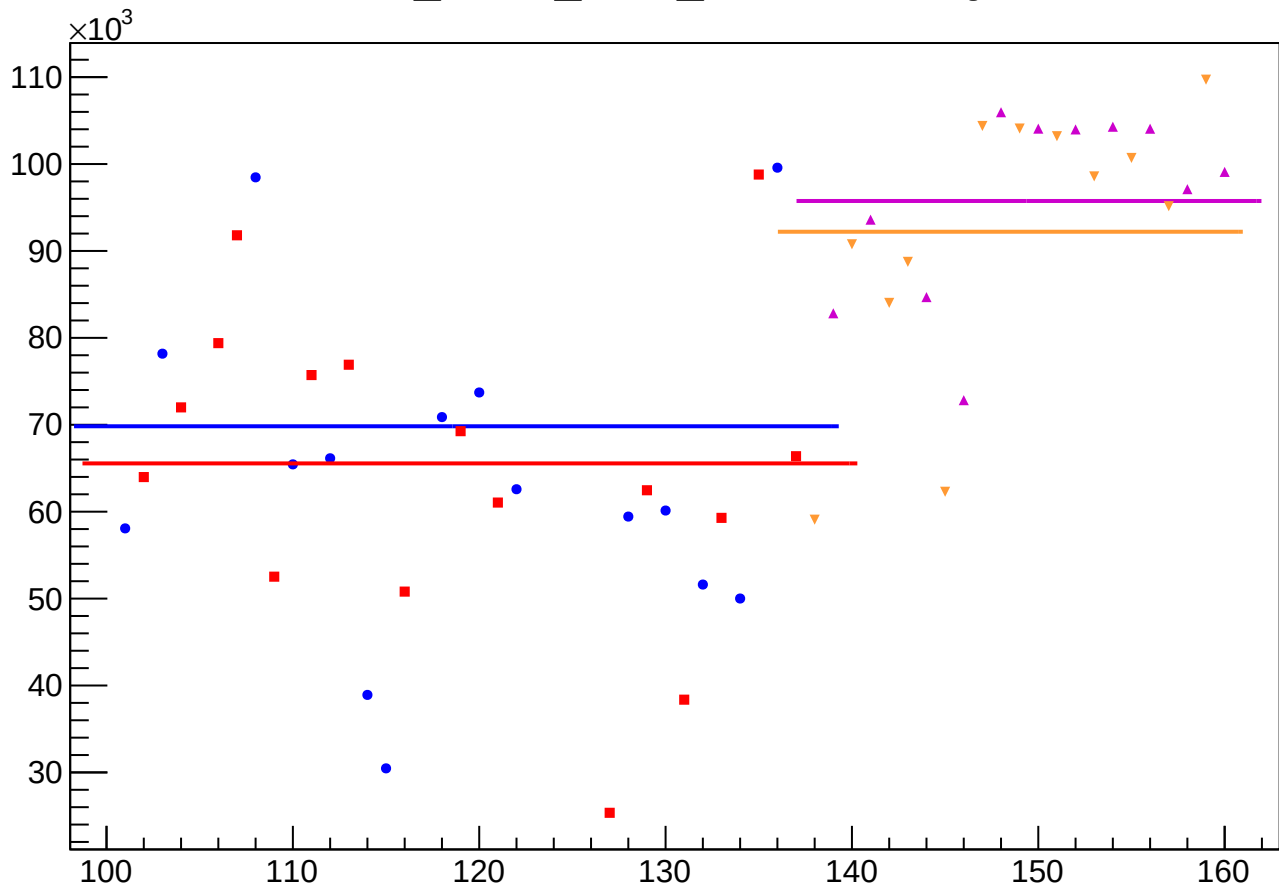


Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14	+ sign 127.294+/-0.000	χ^2/NDF : 487151185585046
Left Out: 119.282+/-0.000	χ^2/NDF : 487845779395217879153815293985292288.0/11	All: 131.289+/-0.000	χ^2/NDF : 956758975873
Right Out: 135.809+/-0.000	χ^2/NDF : 3956401741862524263243160868173643776.0/15	- 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

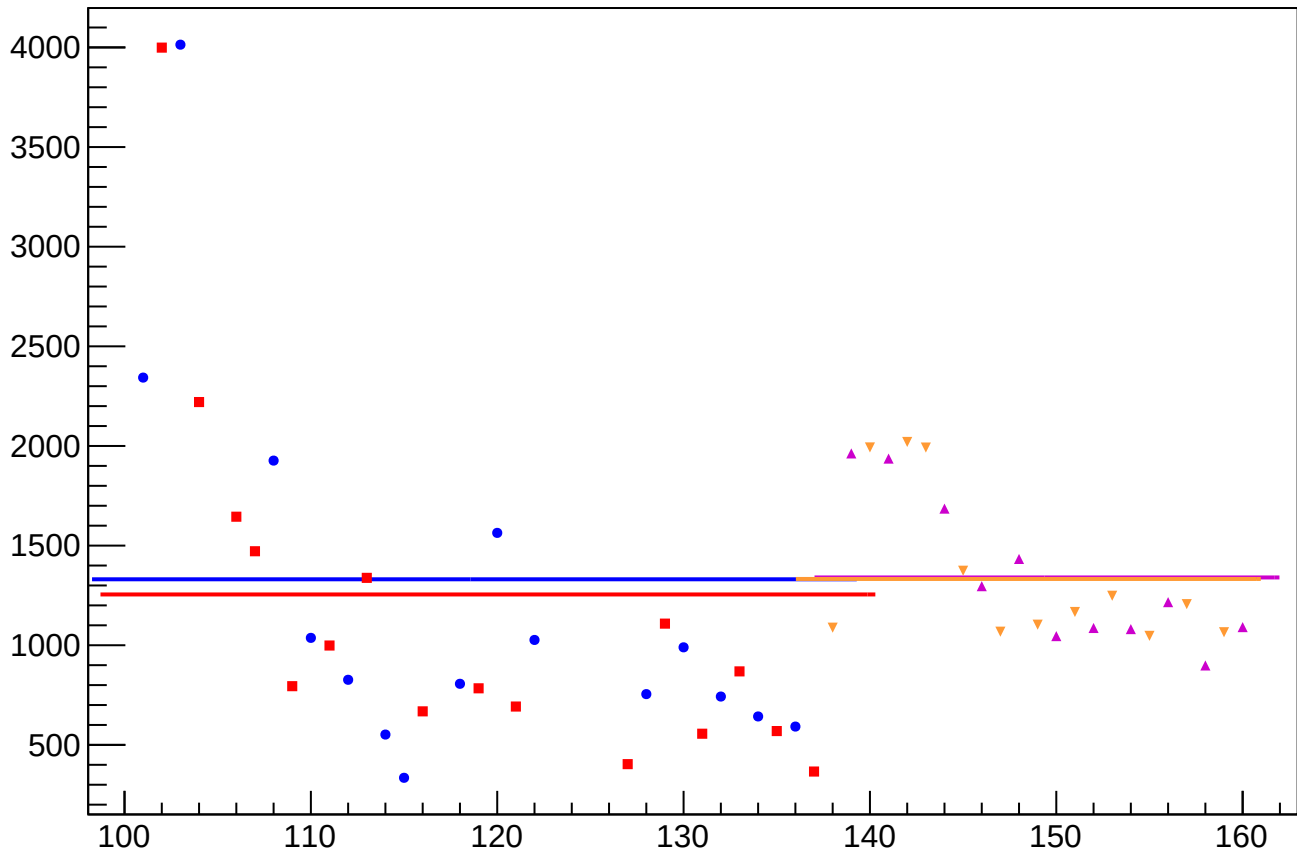


dit_sam2_coil1_mean vs Slug



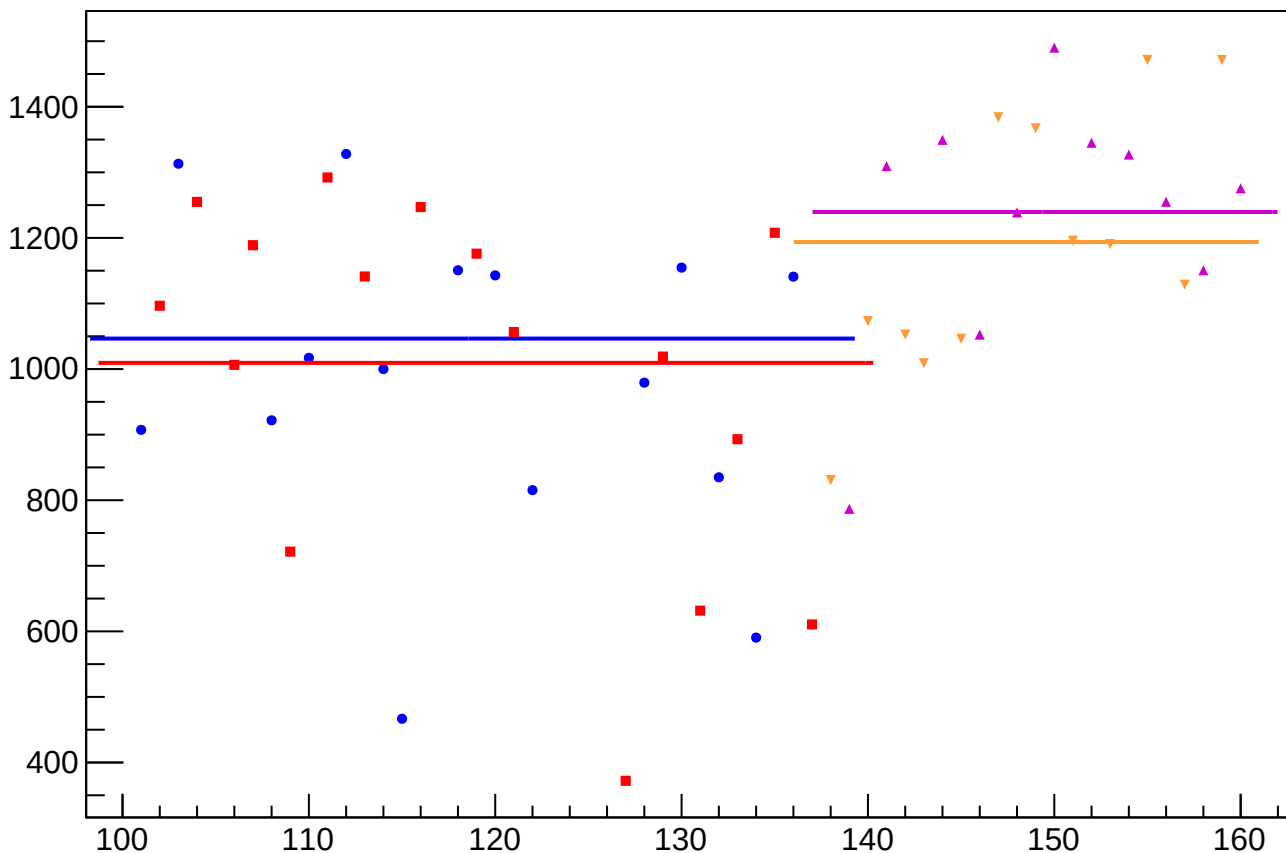
Right In: 69827.797 ± 0.000 $\chi^2/\text{NDF}: 187803282116493131197684060541288926150656.0/14$
 Left Out: 92210.698 ± 0.000 $\chi^2/\text{NDF}: 226577476657807585202083767685360289579008.0/11$
 Right Out: 65555.147 ± 0.000 $\chi^2/\text{NDF}: 212001467811386750910625783195999741673472.0/15$
 Left In: 95749.411 ± 0.000 $\chi^2/\text{NDF}: 102376761881530271427340284738693826084864.0/10$

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

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

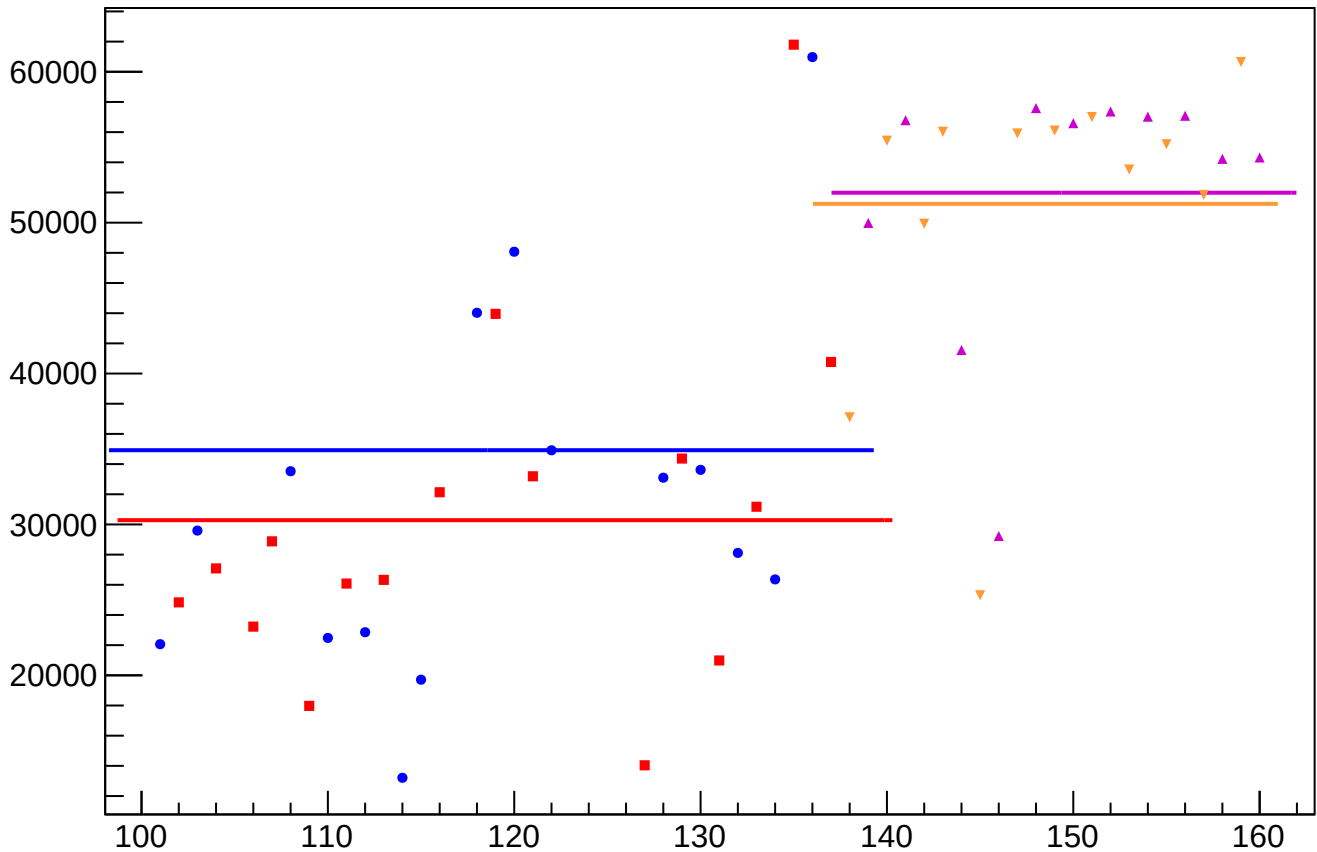
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

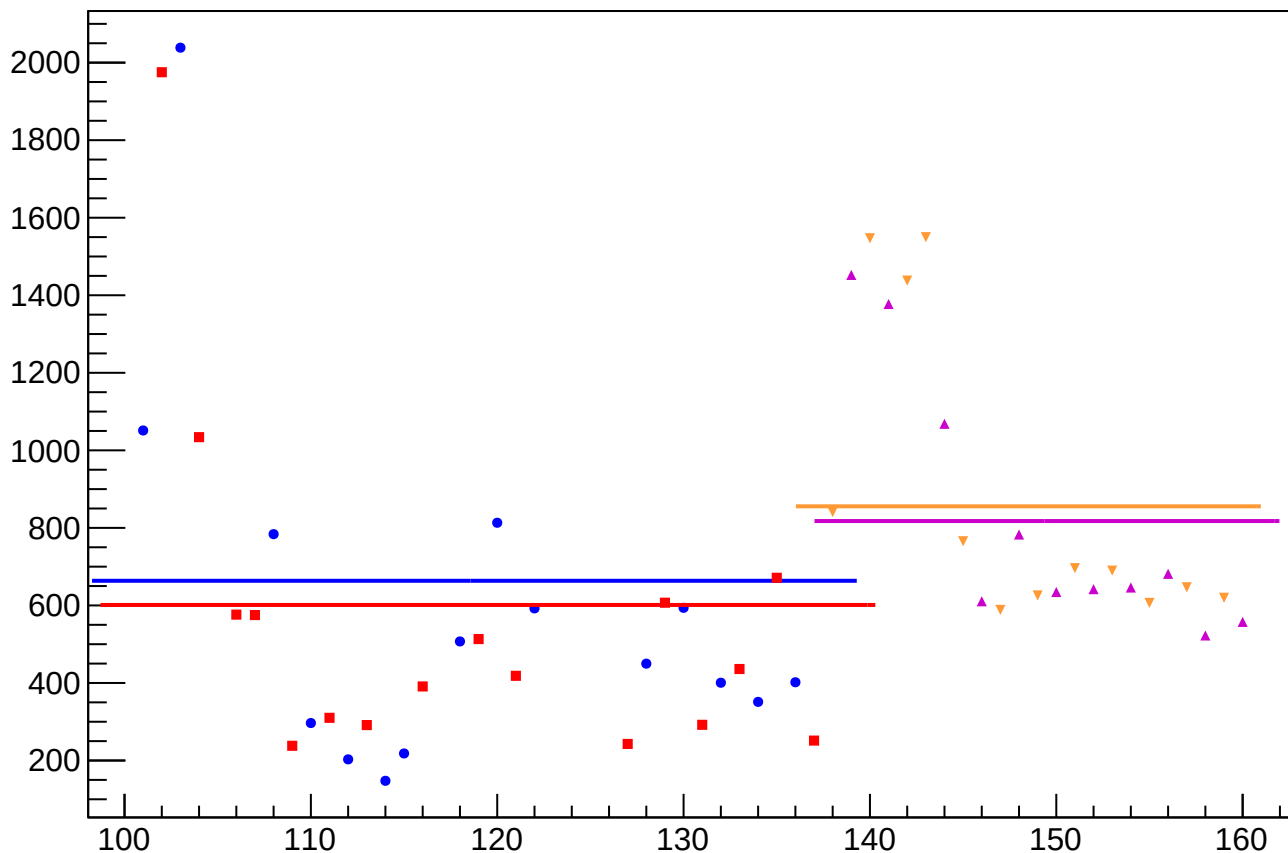
dit_sam3_coil1_mean vs Slug



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

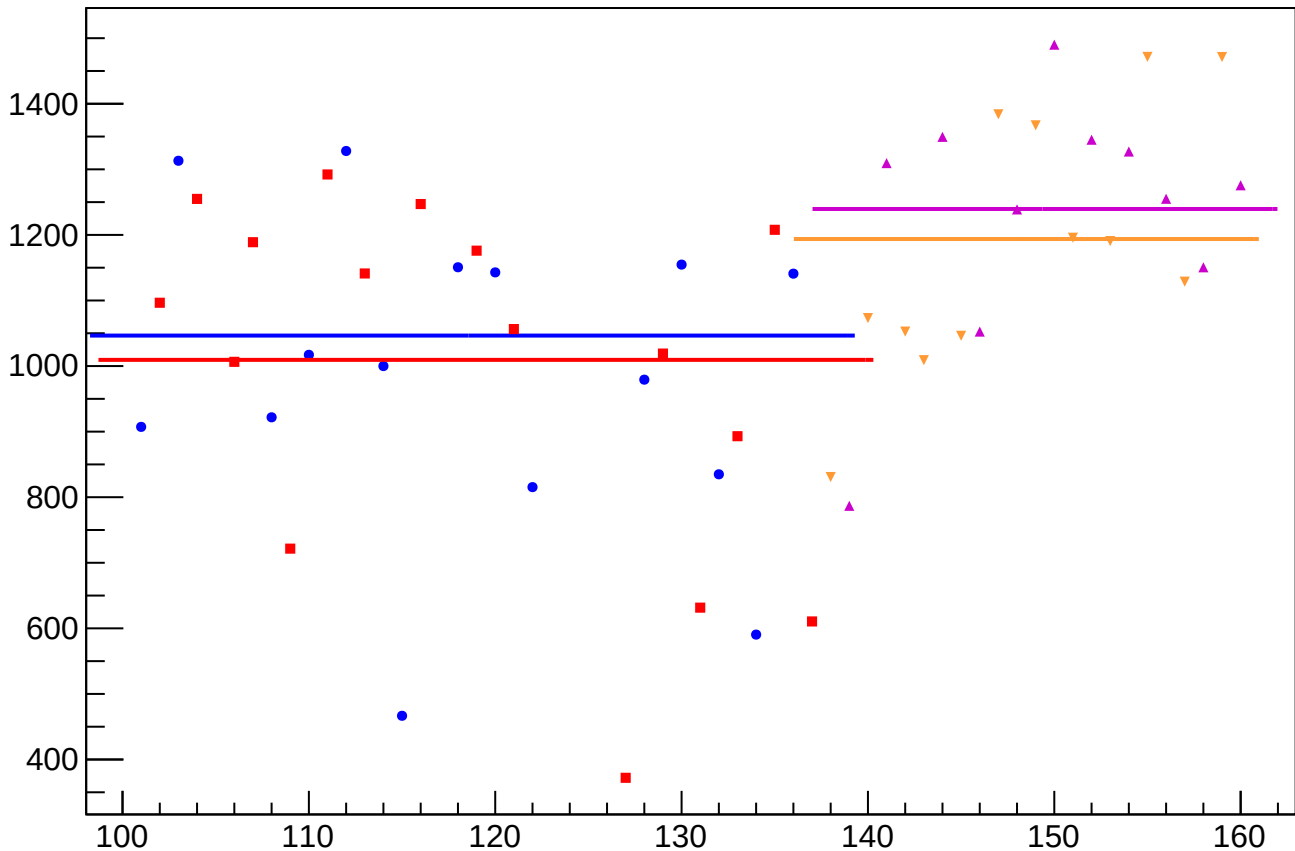
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

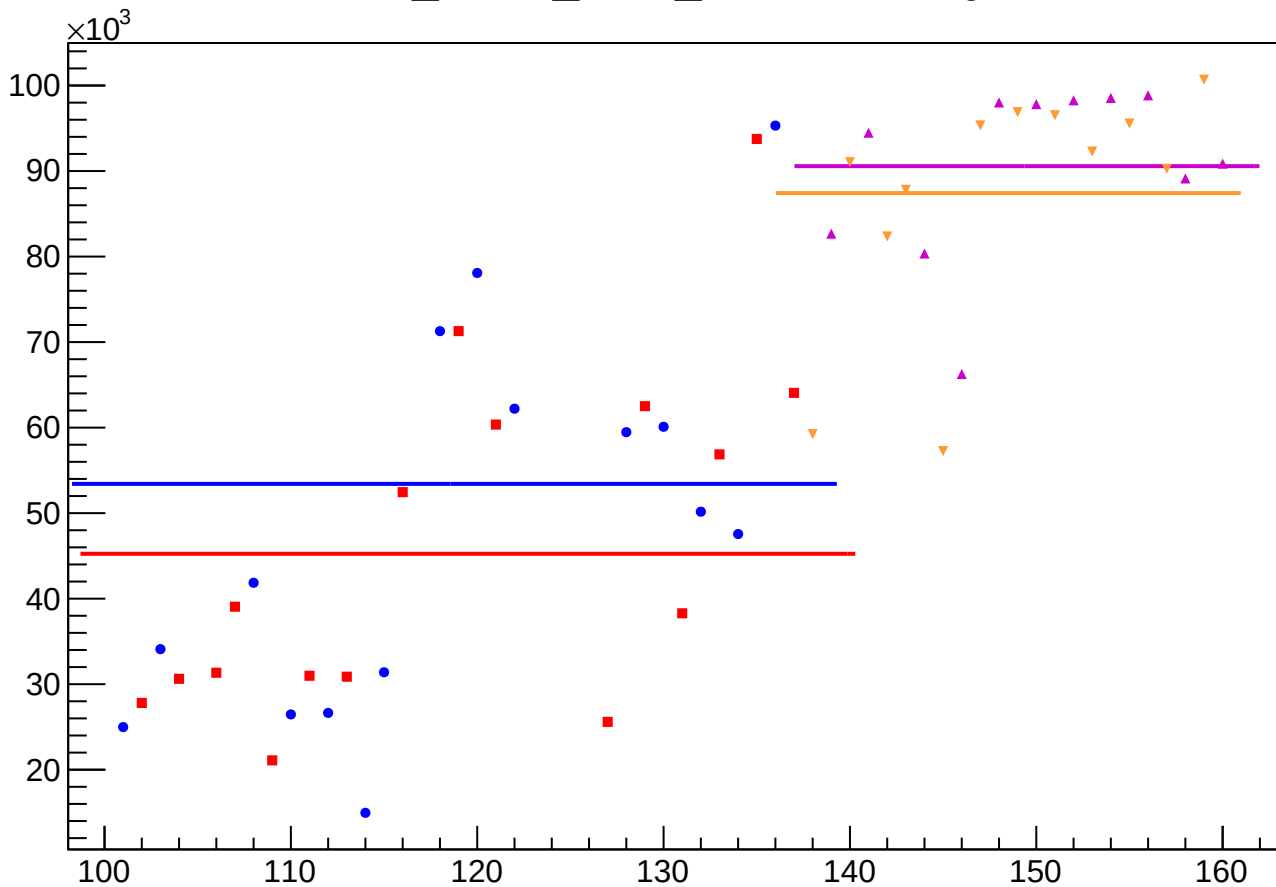
- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

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

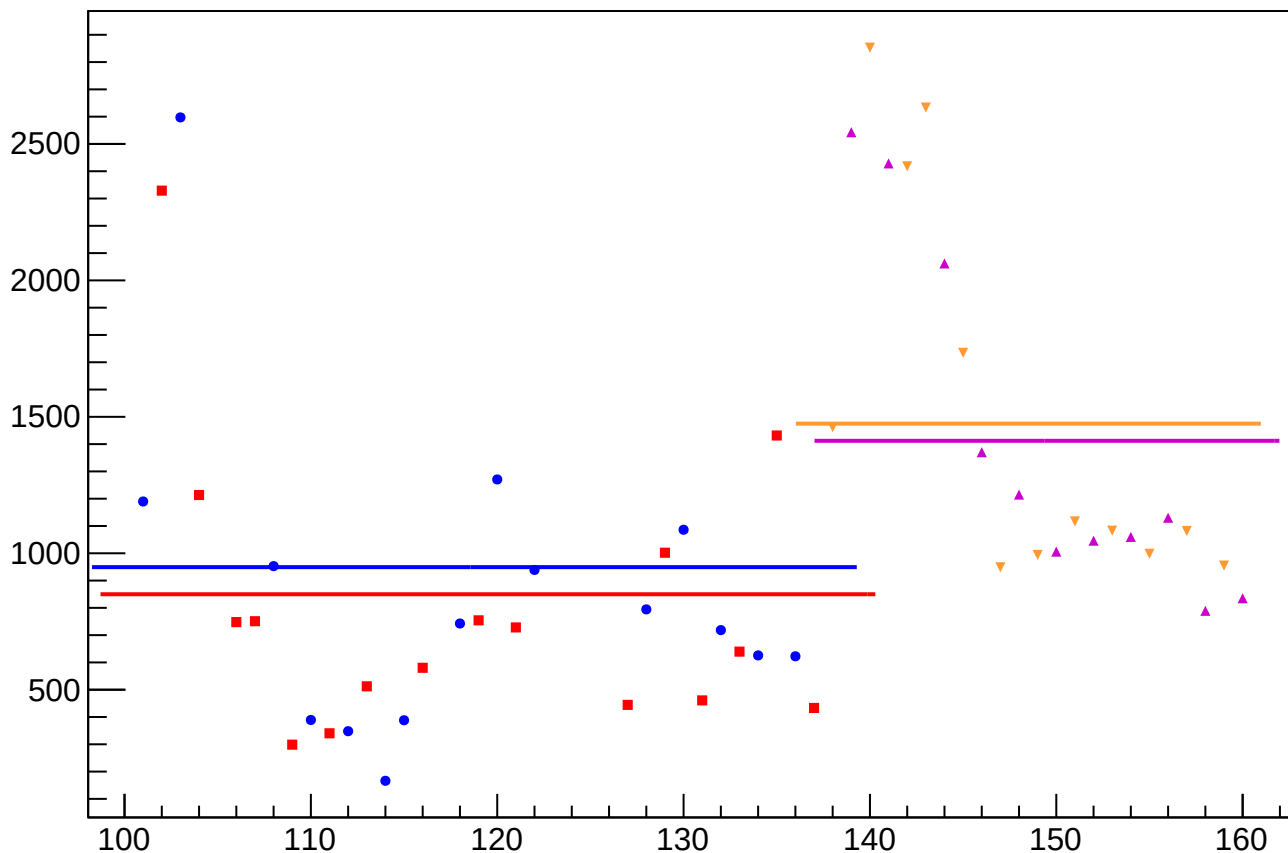
dit_sam4_coil1_mean vs Slug



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

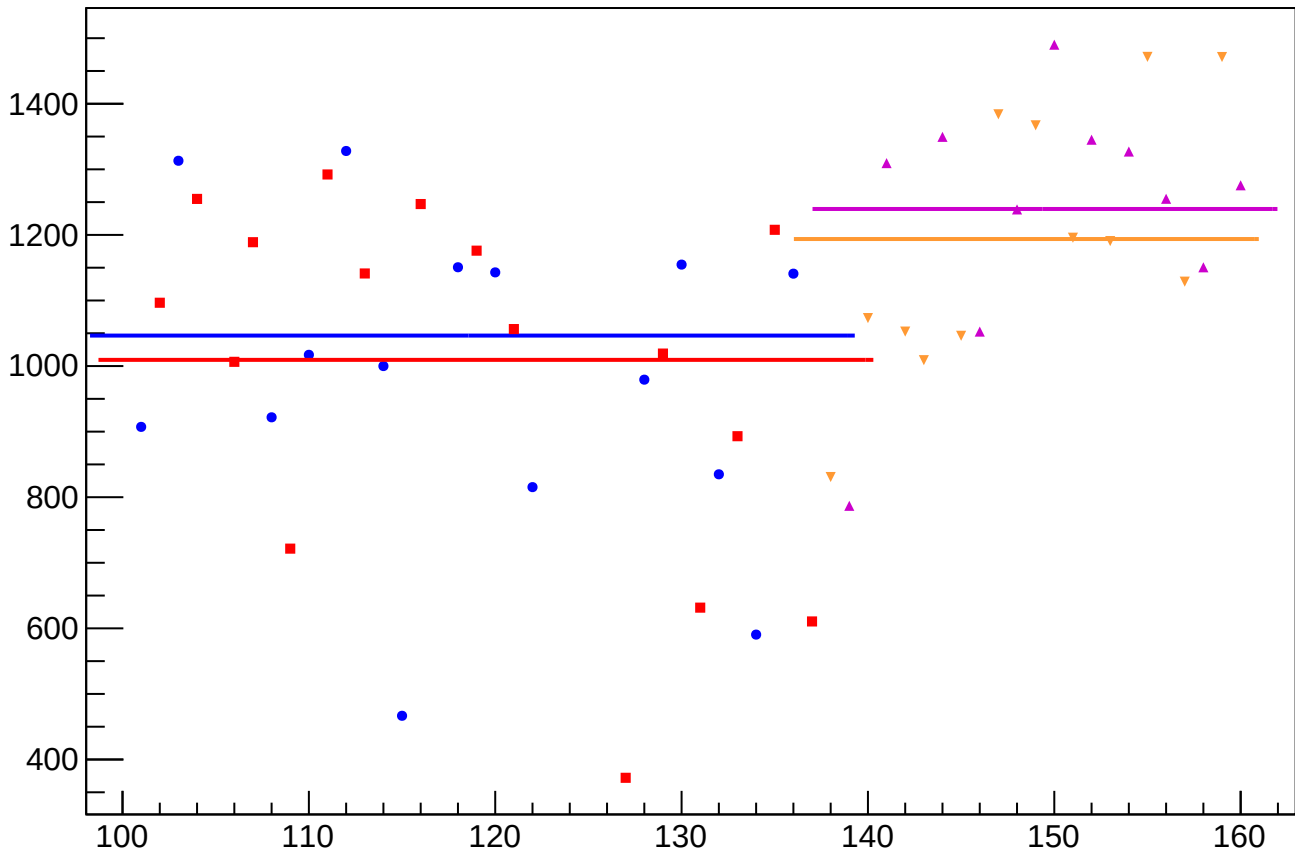
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210

All: 1216.192+/-0.000 χ^2/NDF : 14031243171

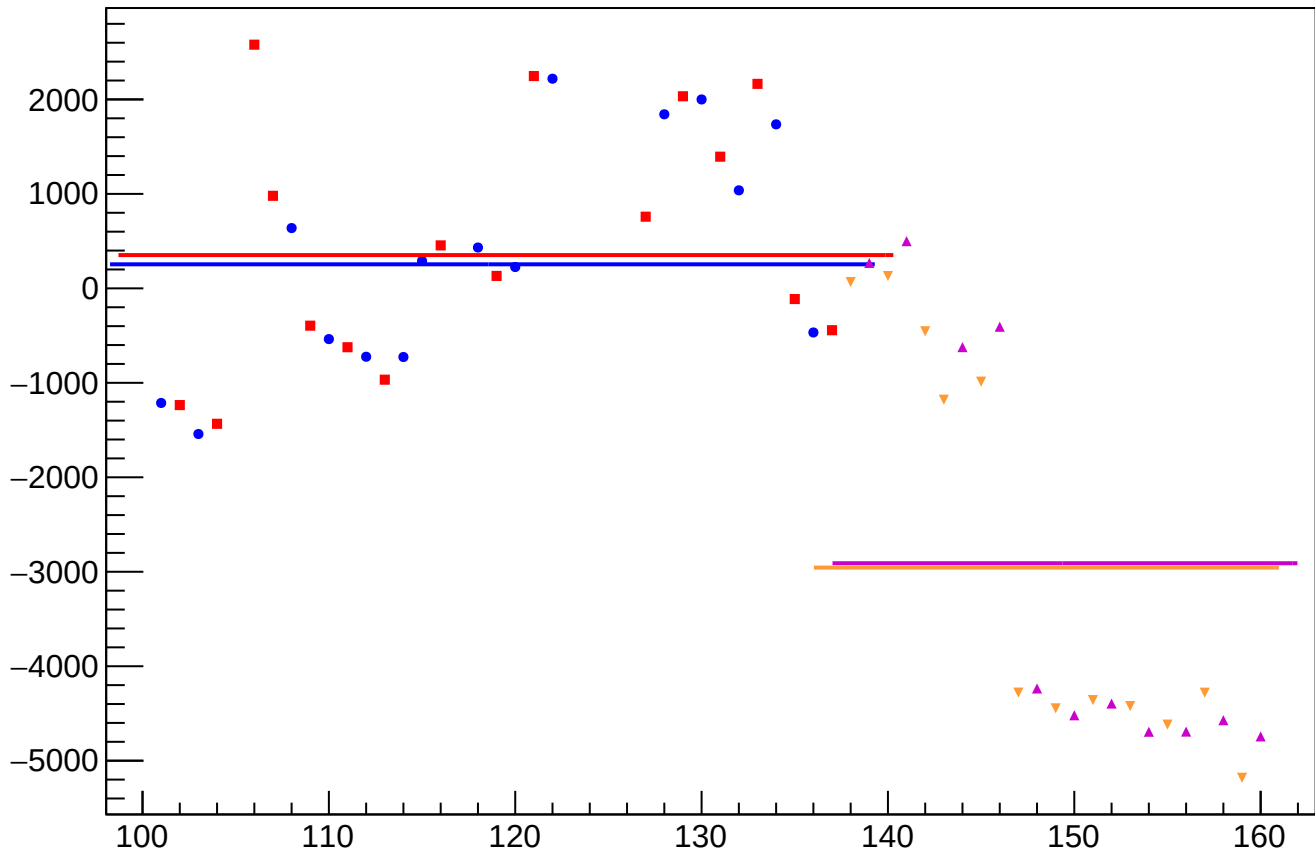
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



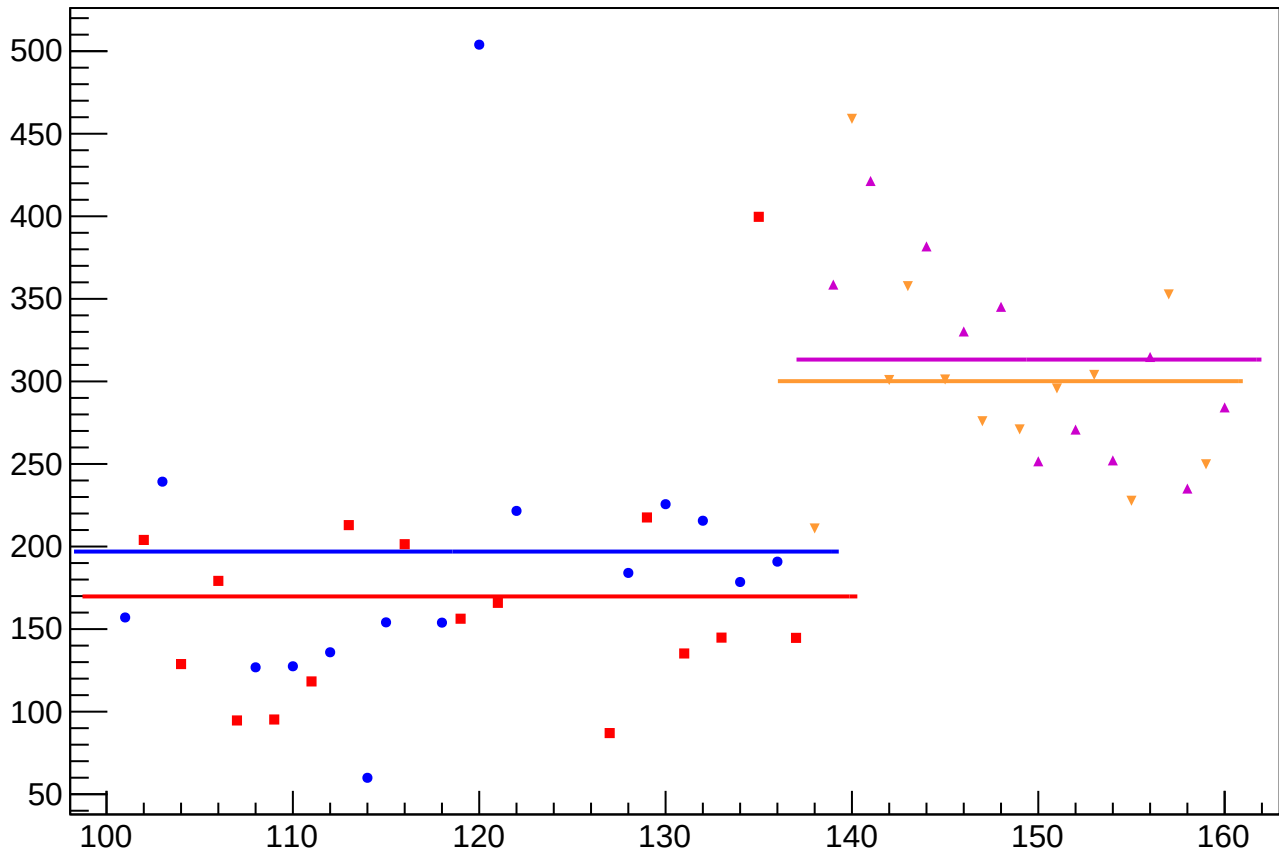
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



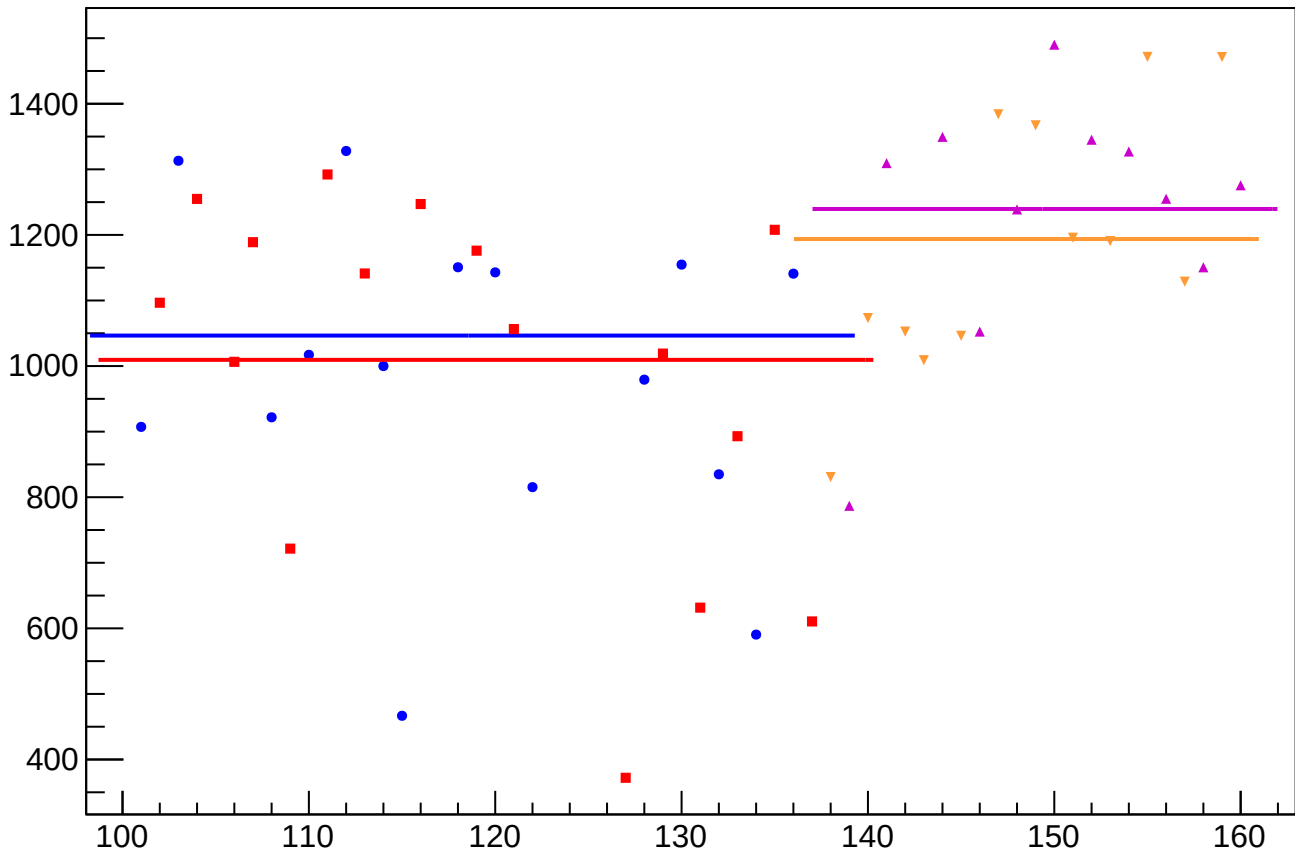
Right In: 254.578 ± 0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997 ± 0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308 ± 0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545 ± 0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



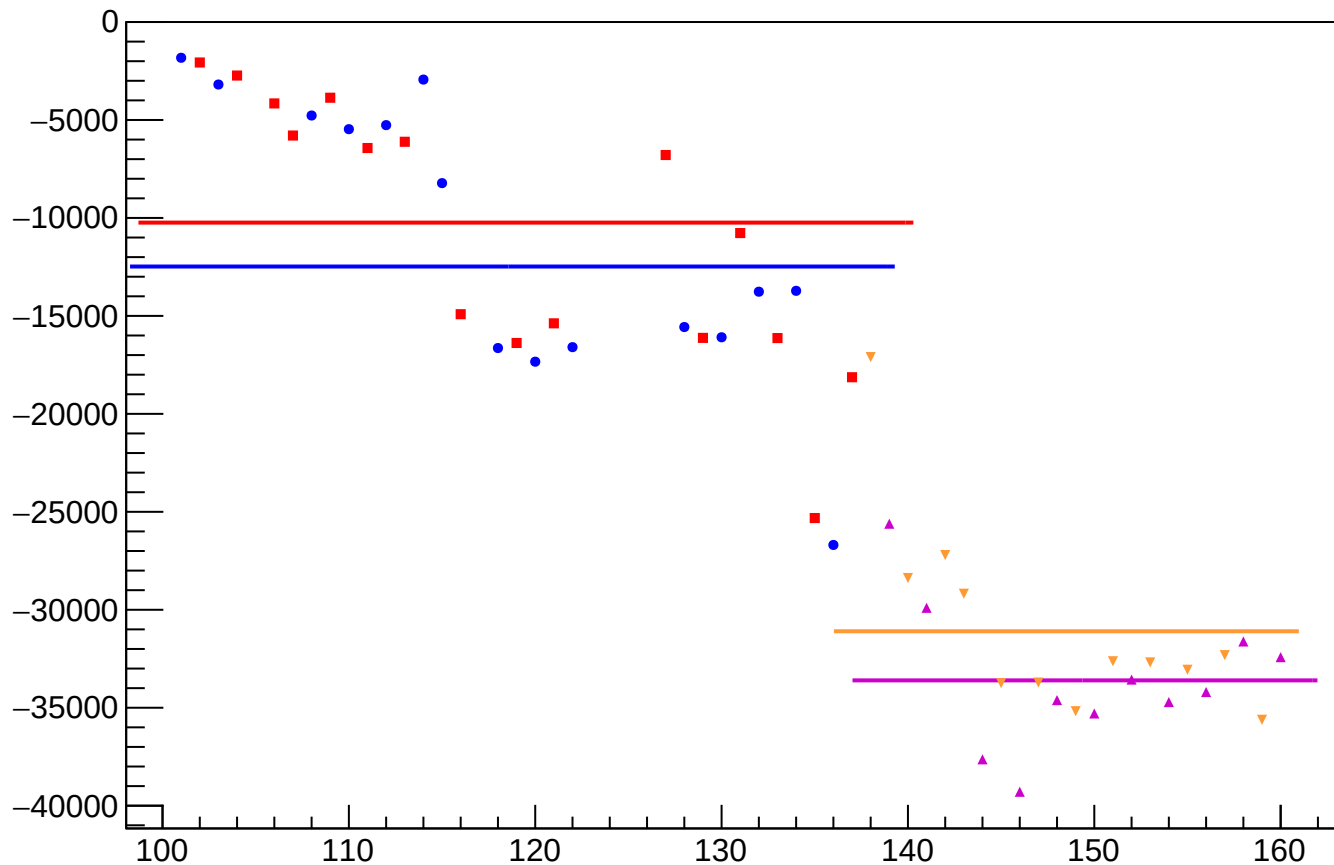
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.303+/-0.000	χ^2/NDF : 124000774019819
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11	All: 255.177+/-0.000	χ^2/NDF : 273569793225
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- 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



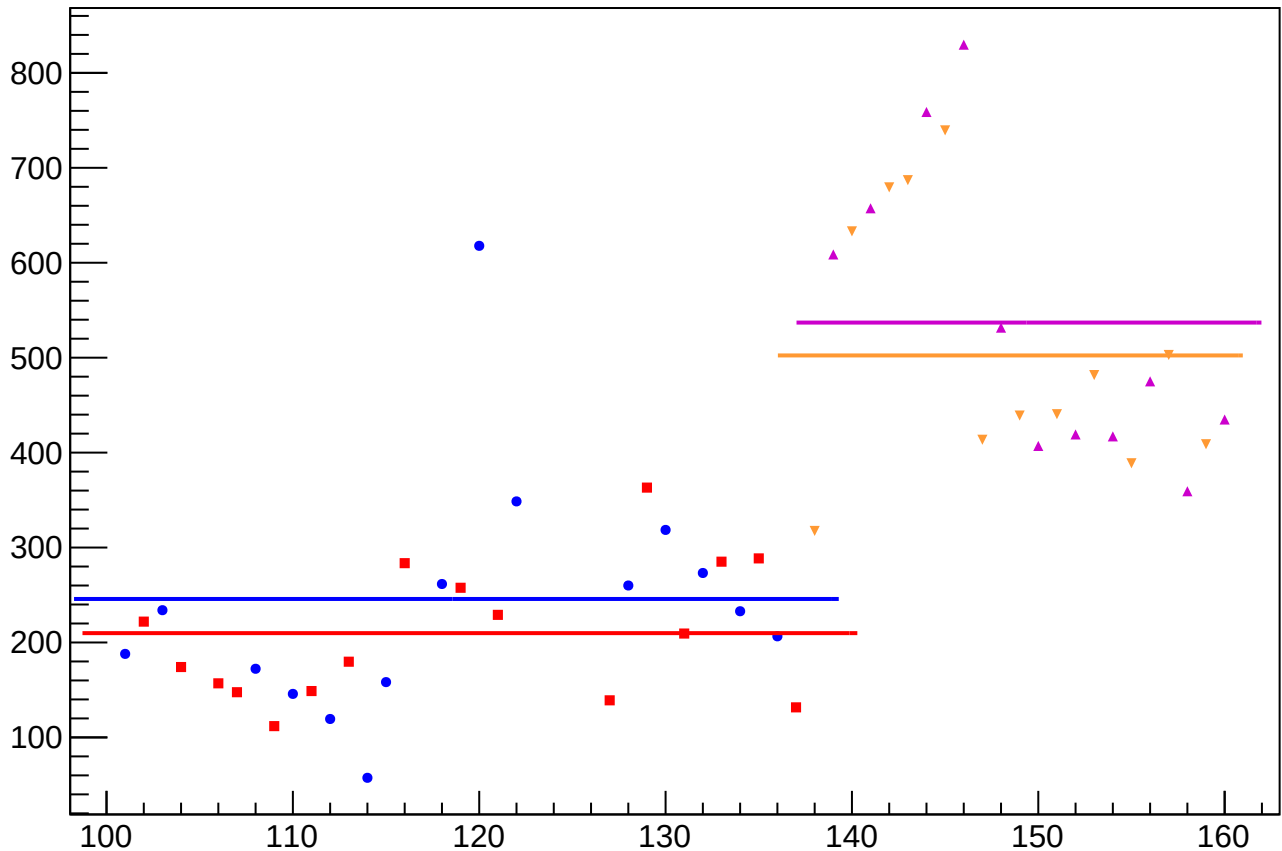
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



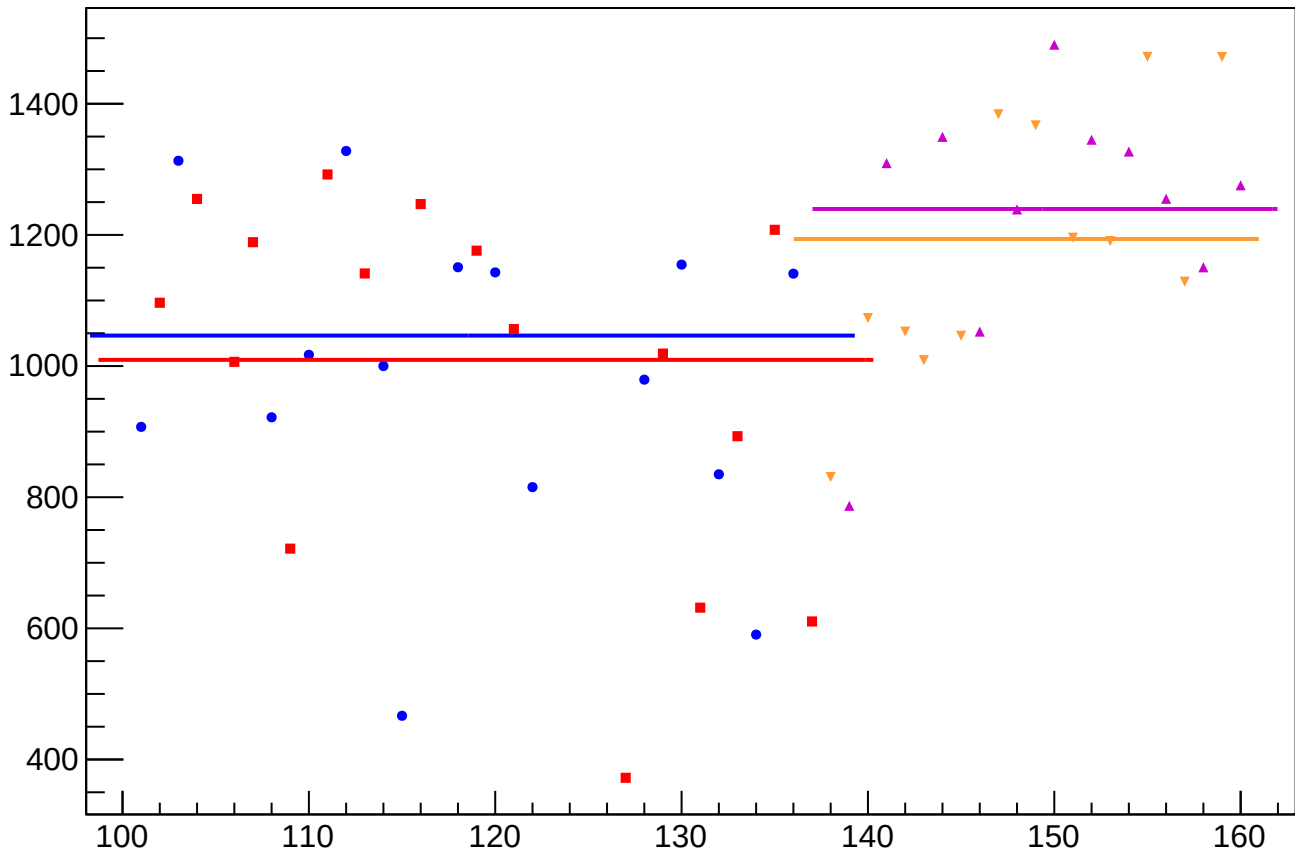
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -31096.364+/-0.000 χ^2/NDF : 21759430970673179273891990313759368282112.0/11
 Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33603.125+/-0.000 χ^2/NDF : 11377877741280377988076632069746943066112.0/10

dit_sam6_coil1_err_mean vs Slug



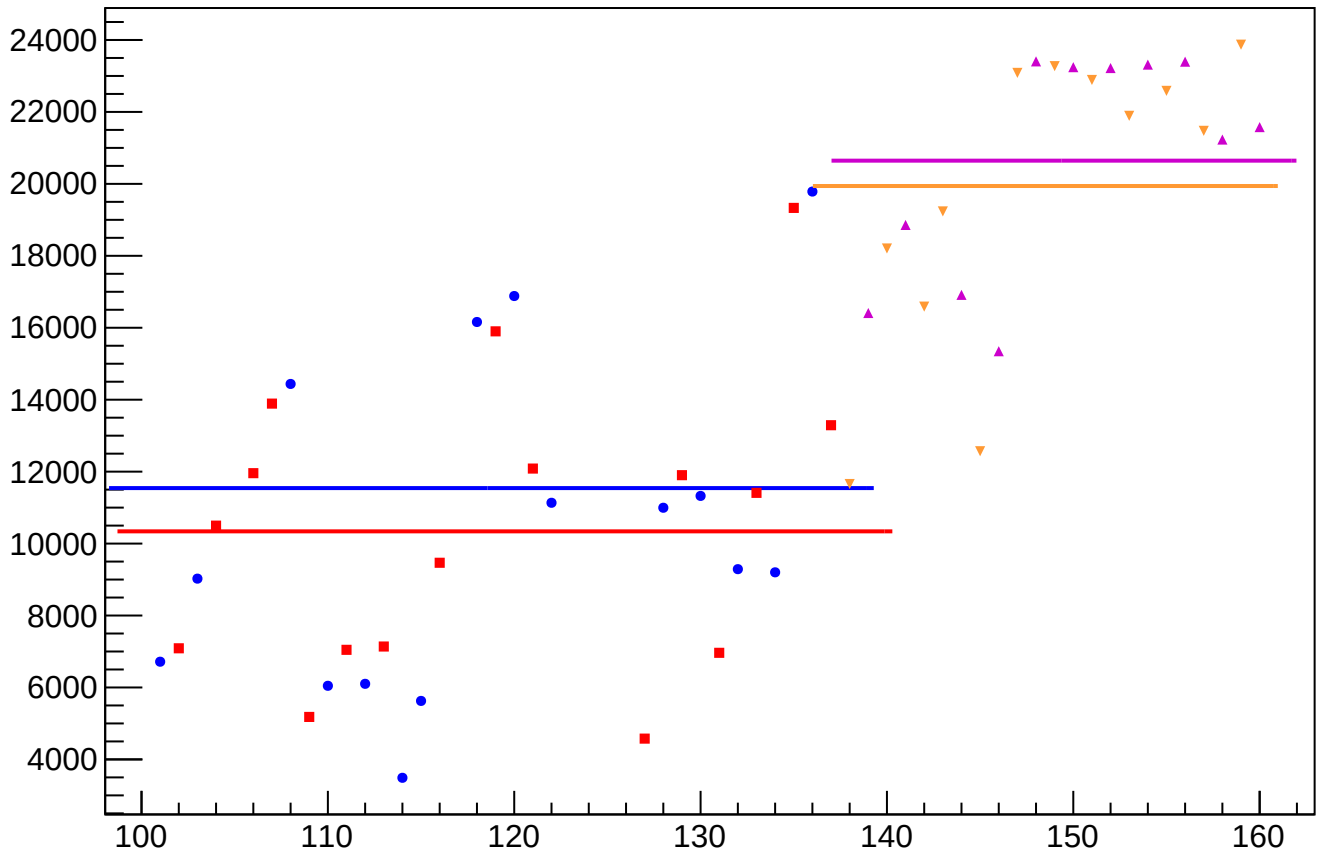
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 395.846+/-0.000	χ^2/NDF : 479955291741577
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11	All: 397.856+/-0.000	χ^2/NDF : 113394044527
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- sign 399.831+/-0.000	χ^2/NDF : 653859962401754
Left In: 536.975+/-0.000	χ^2/NDF : 20803022486400810956958367719555596288.0/10		

dit_sam6_coil1_Ndata_mean vs Slug



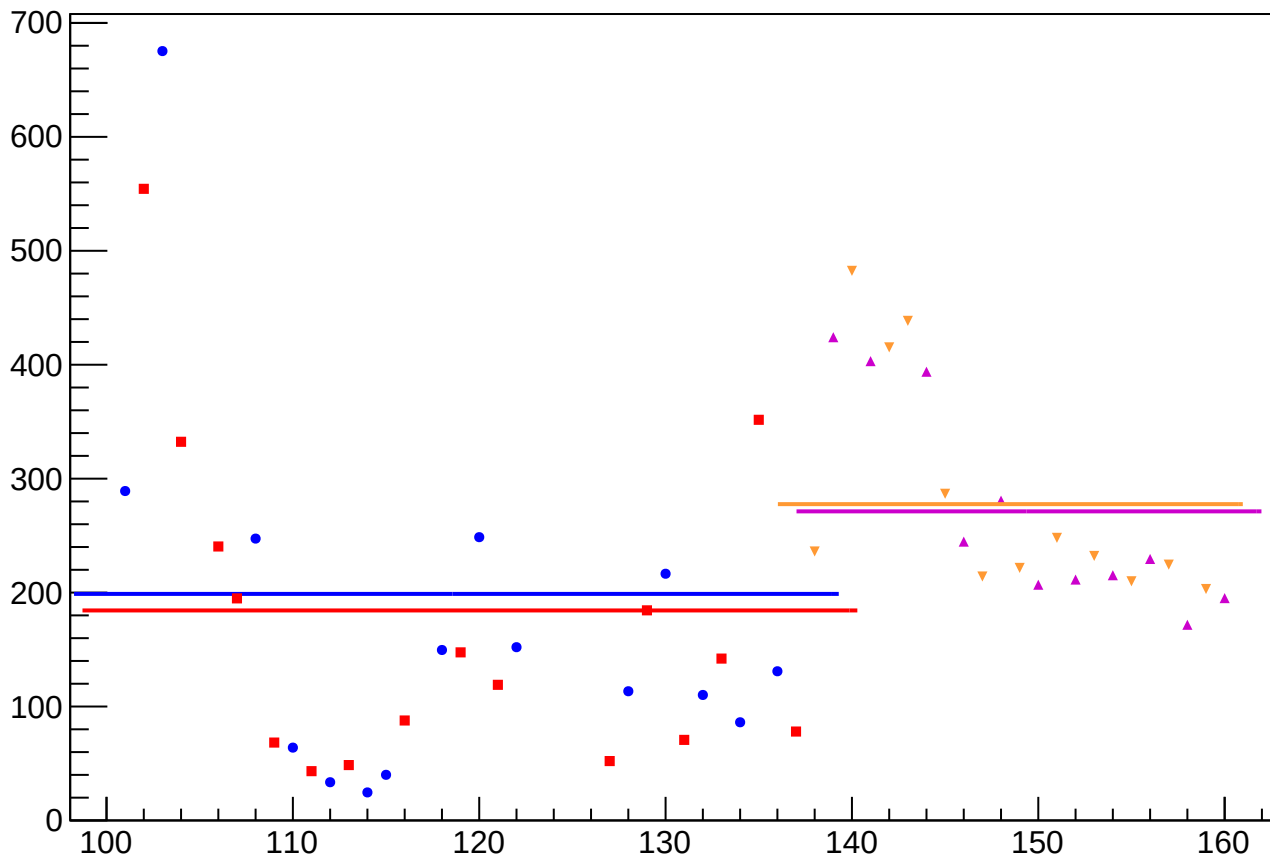
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

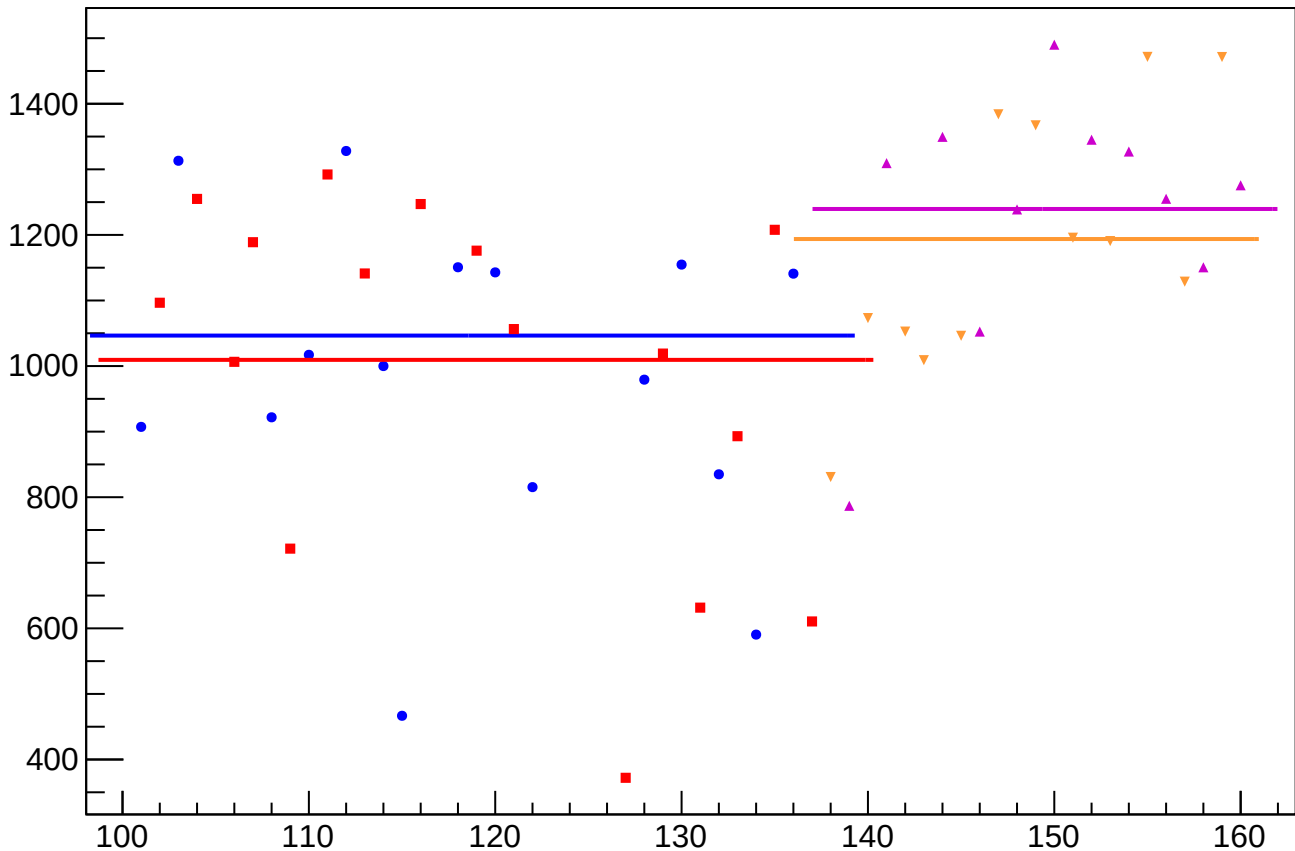
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF : 287284397950927

All: 239.833+/-0.000 χ^2/NDF : 537780837700

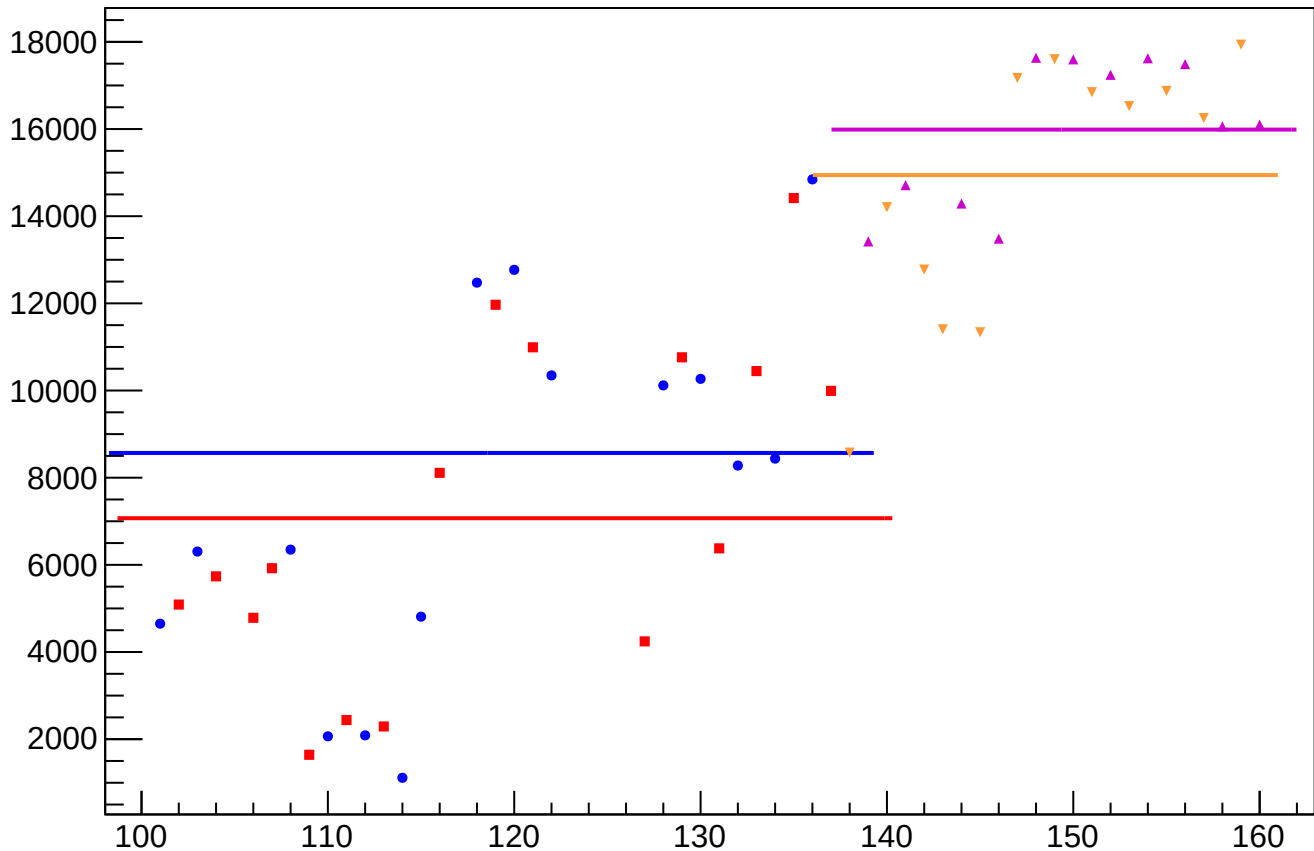
- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



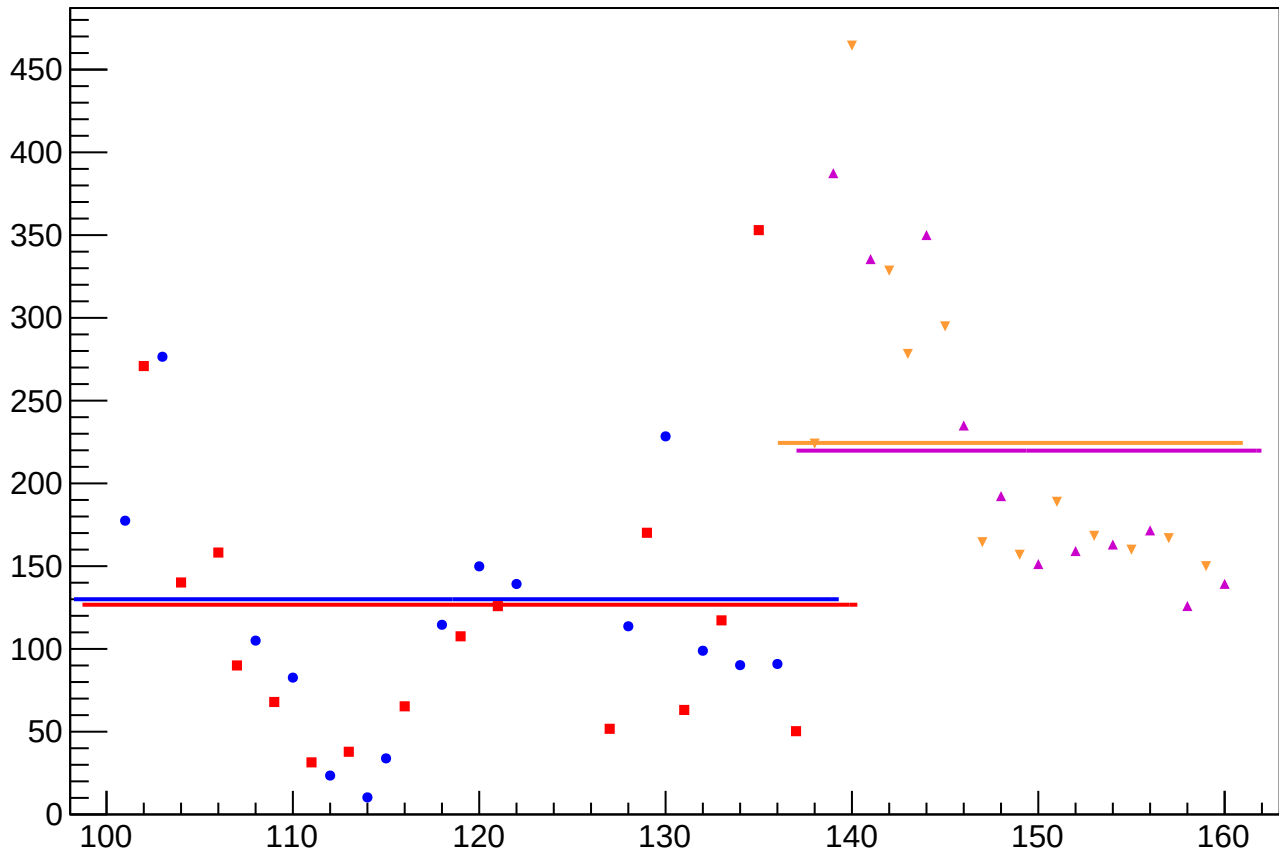
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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 : 247039342825481572862908332629999124480.0/10

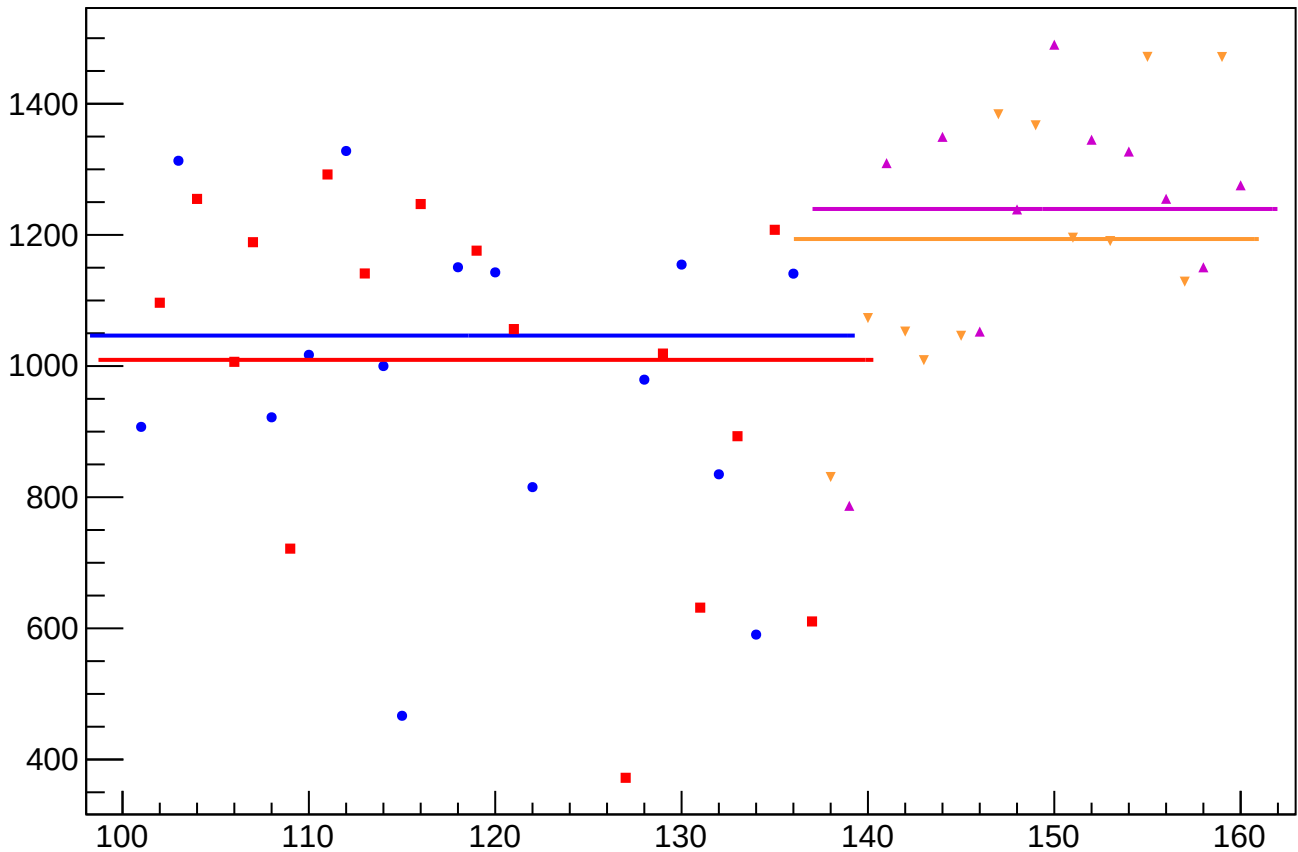
dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000	χ^2/NDF : 3115259987552341725946418665378283520.0/14
Left Out: 224.458+/-0.000	χ^2/NDF : 7870394140048491055430374232164401152.0/11
Right Out: 126.709+/-0.000	χ^2/NDF : 5397122581297664561308621600668516352.0/15
Left In: 219.787+/-0.000	χ^2/NDF : 7418609629454172879787970620999860224.0/10

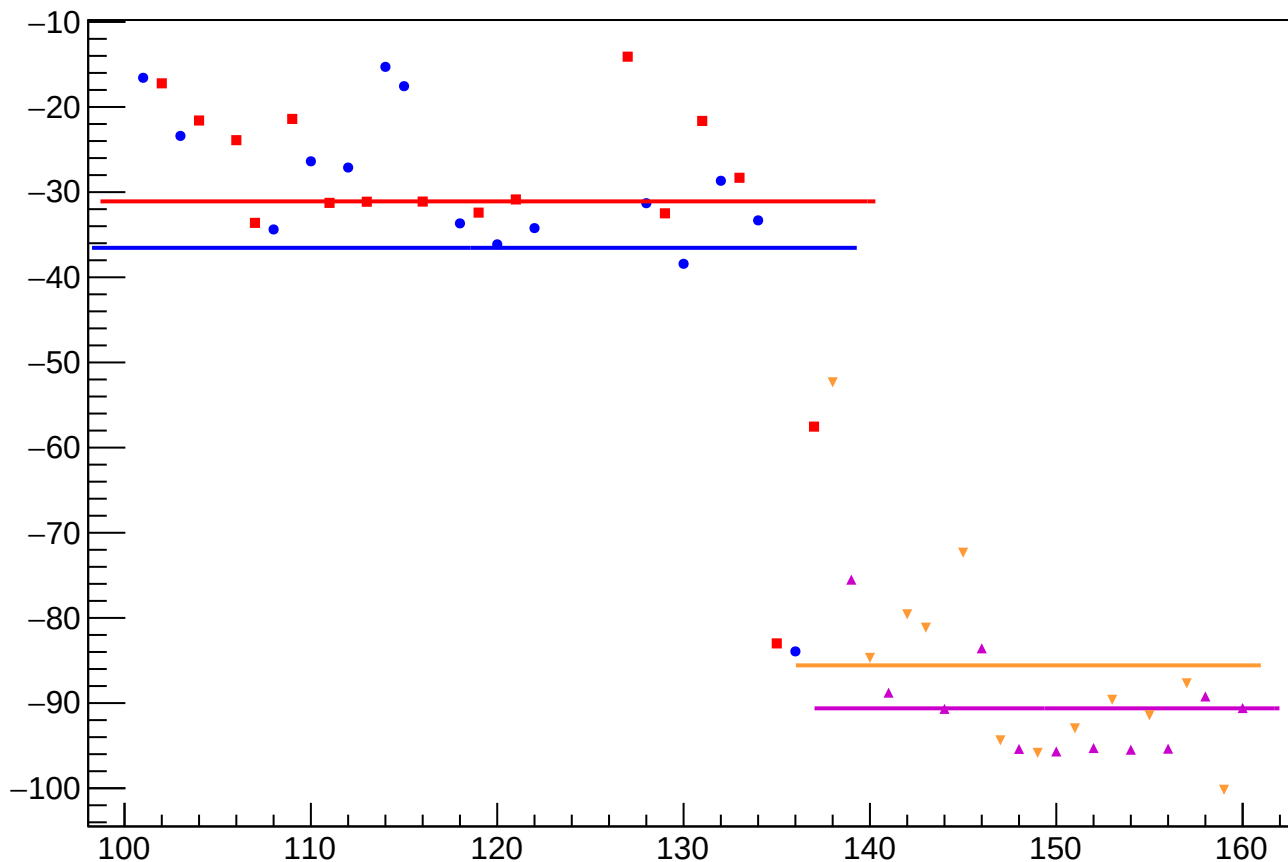
+ sign 185.245+/-0.000 χ^2/NDF : 143703436446713
 All: 182.985+/-0.000 χ^2/NDF : 30557896618
 - sign 180.765+/-0.000 χ^2/NDF : 161717315752514

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

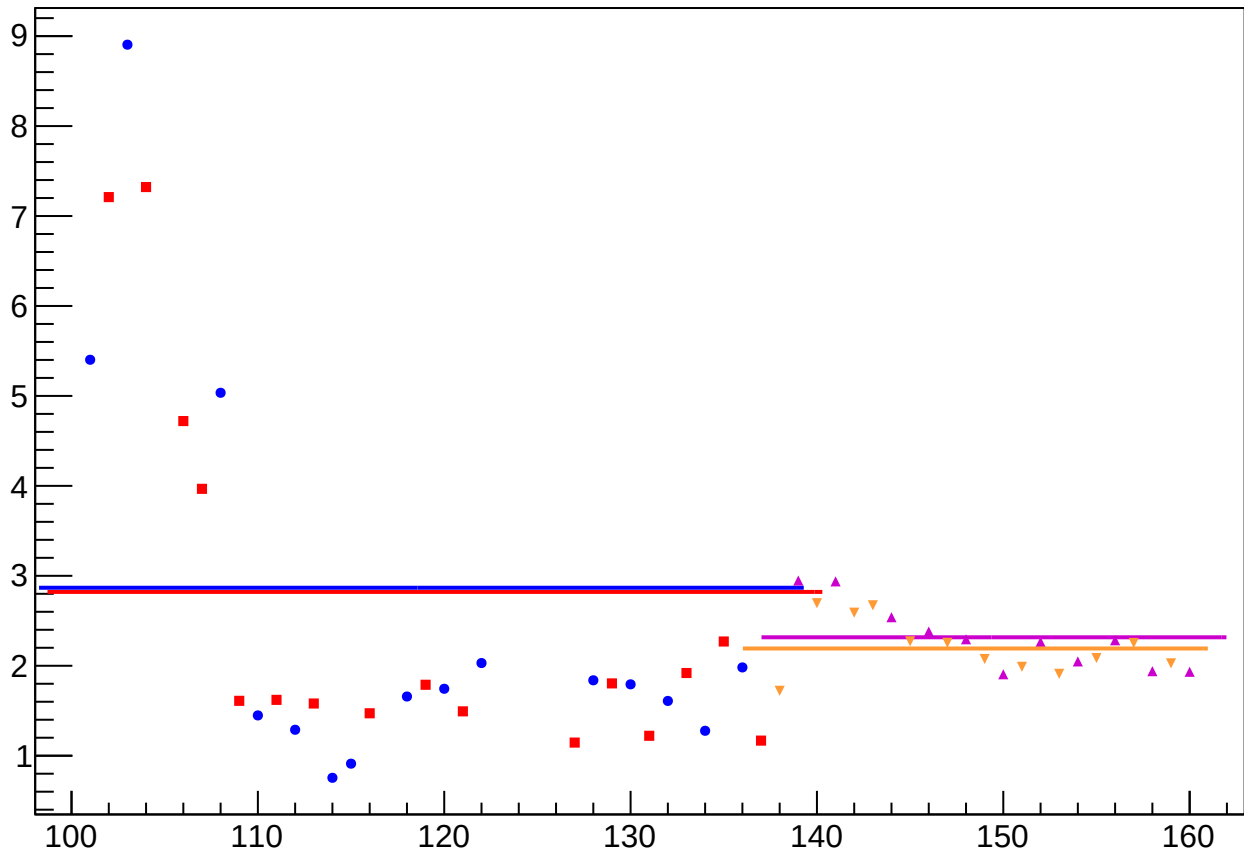
Left In: -90.618 ± 0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212 ± 0.000 χ^2/NDF : 131026728865009

All: -65.438 ± 0.000 χ^2/NDF : 289770508585

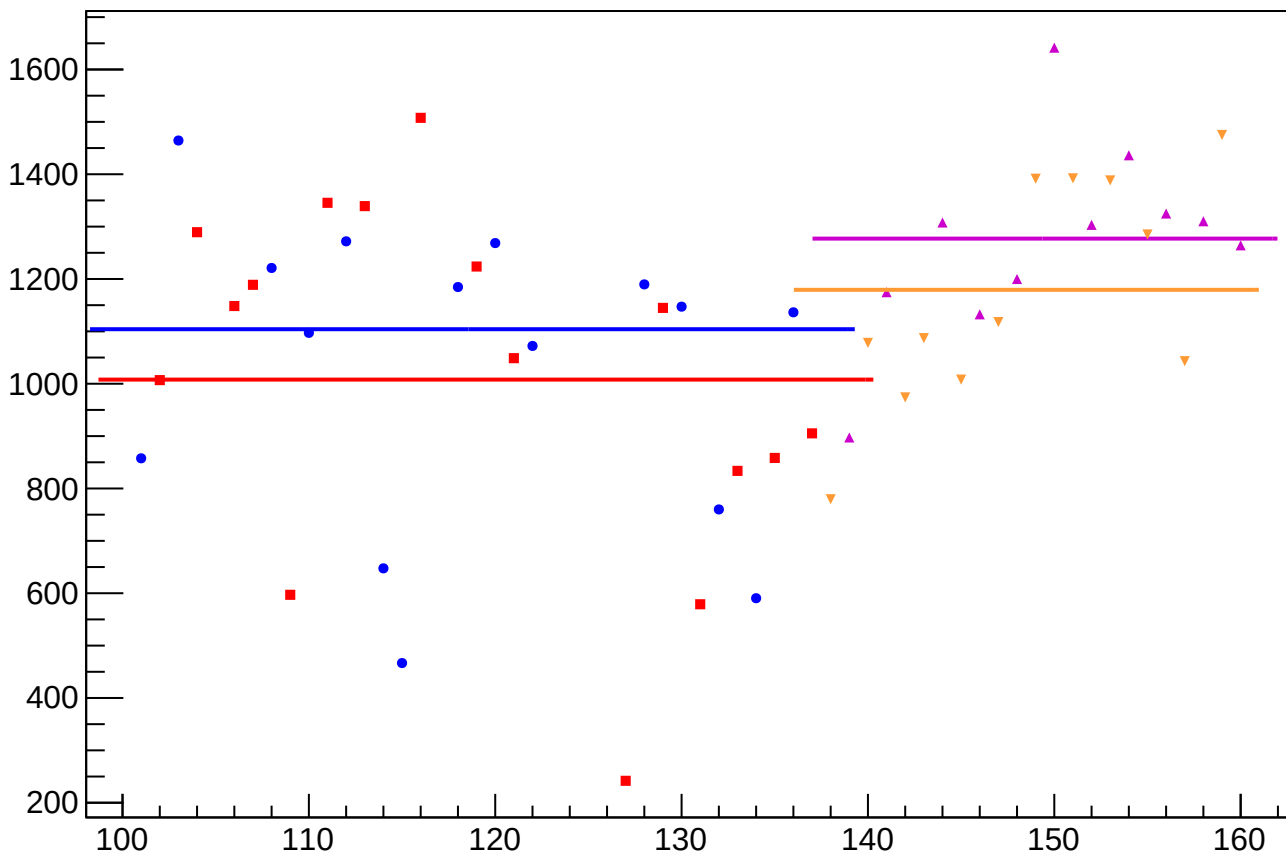
- sign -65.660 ± 0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 $\pm$ 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.192 $\pm$ 0.000 χ^2/NDF : 76043906789141561084580015898624.0/11
 Right Out: 2.821 $\pm$ 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.317 $\pm$ 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

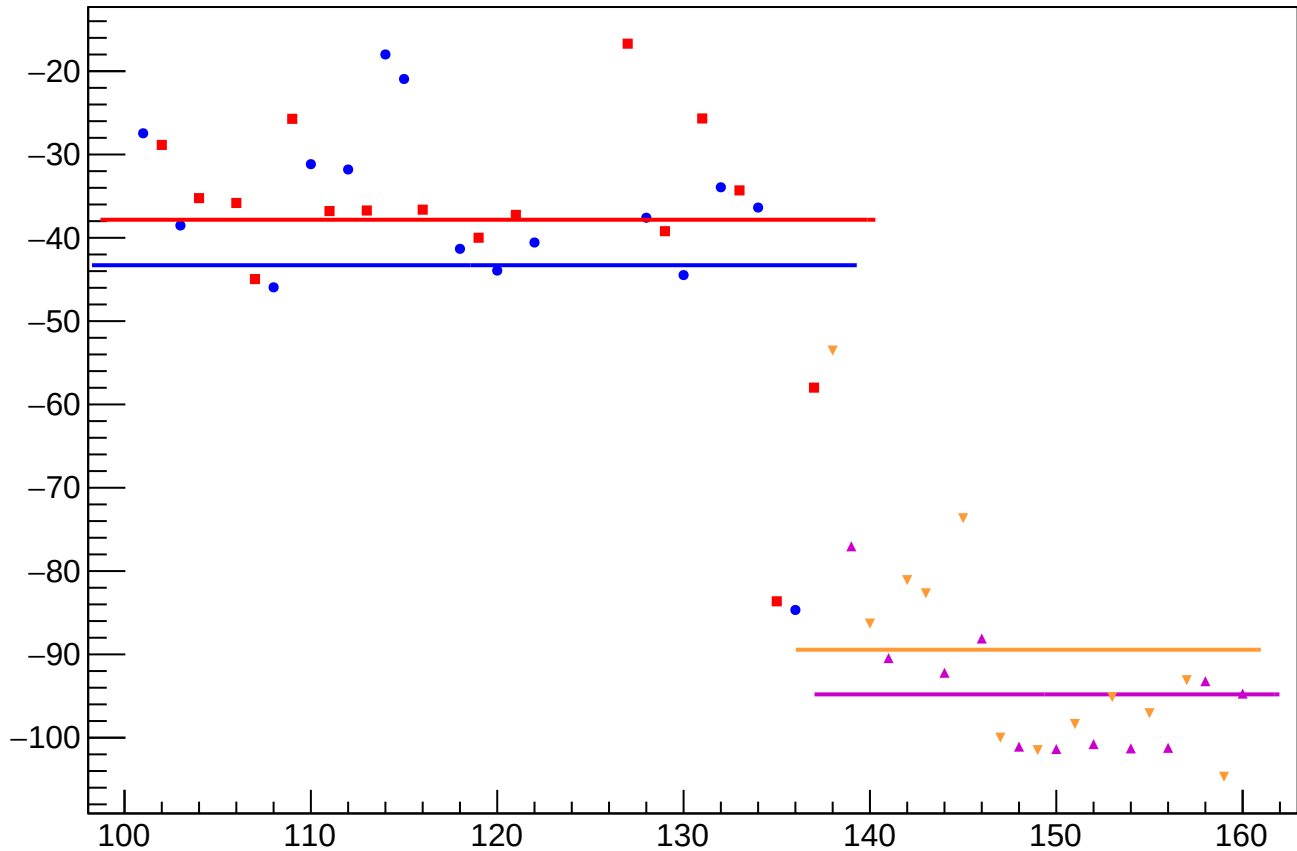
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

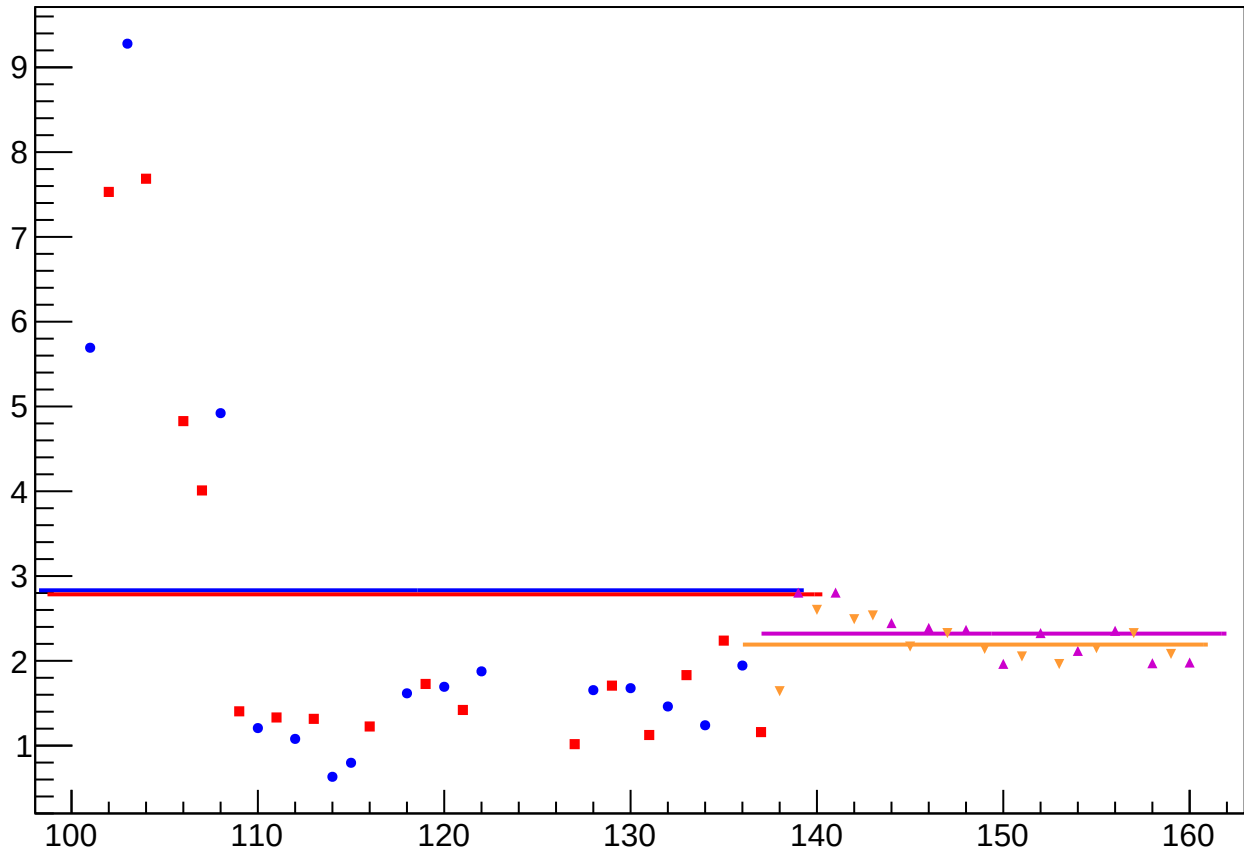
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



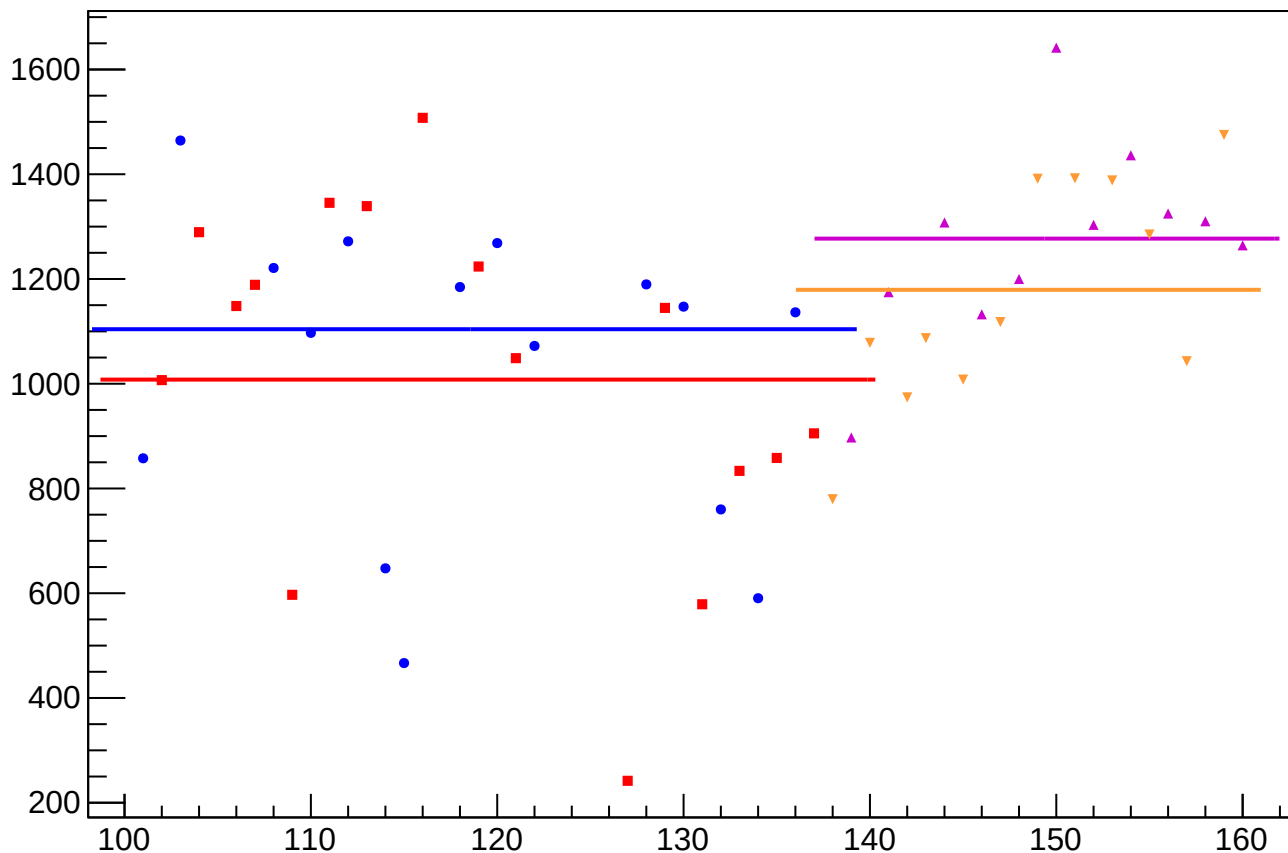
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

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

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

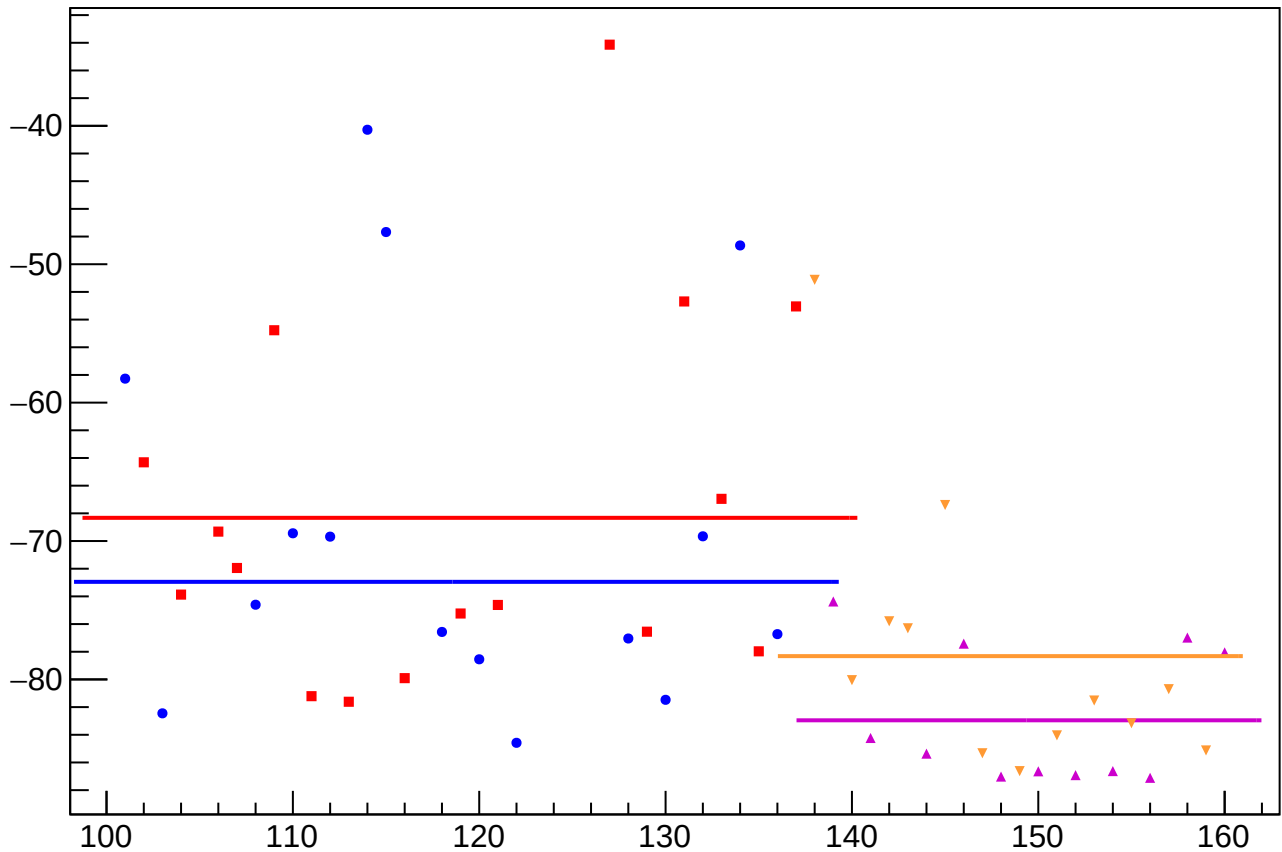
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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_11X12X_coil3_mean vs Slug



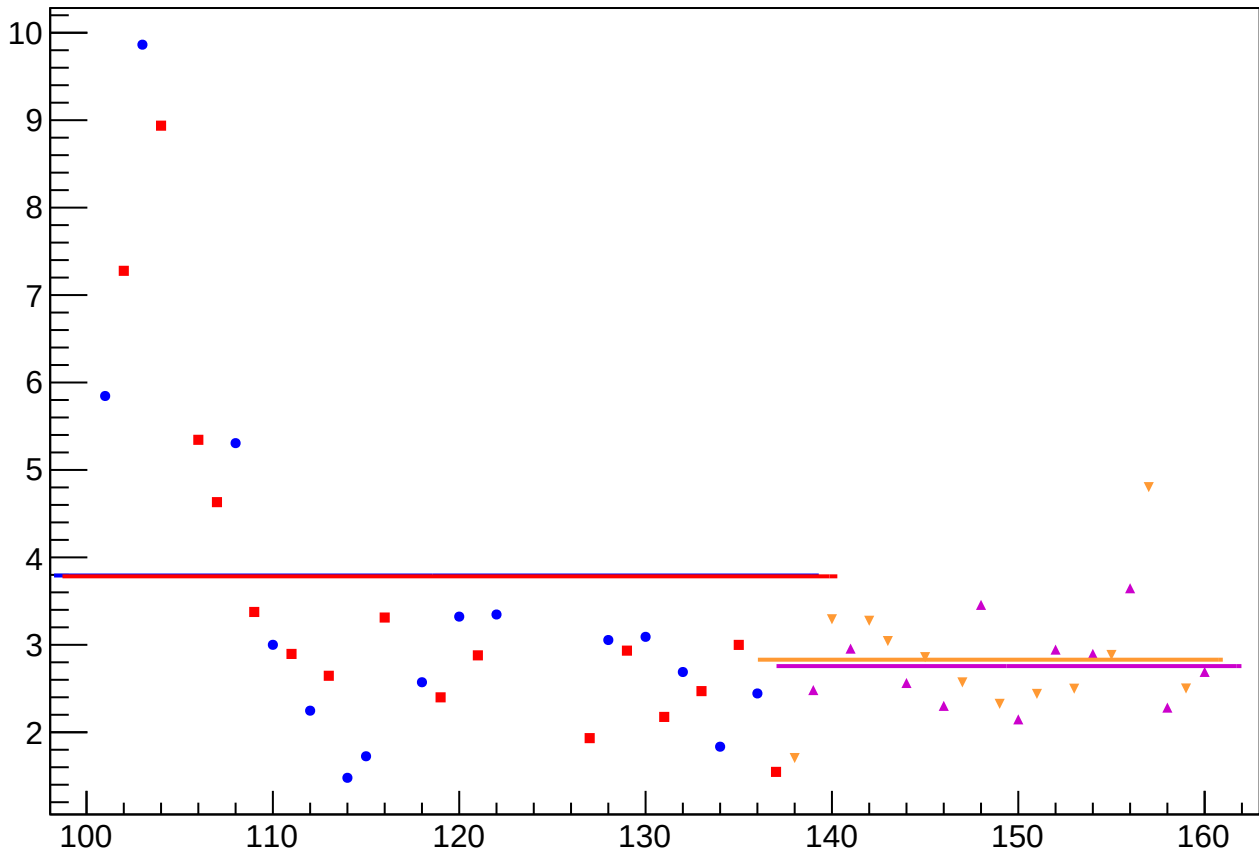
Right In: -72.949 ± 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

Left Out: -78.317 ± 0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11

Right Out: -68.324 ± 0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

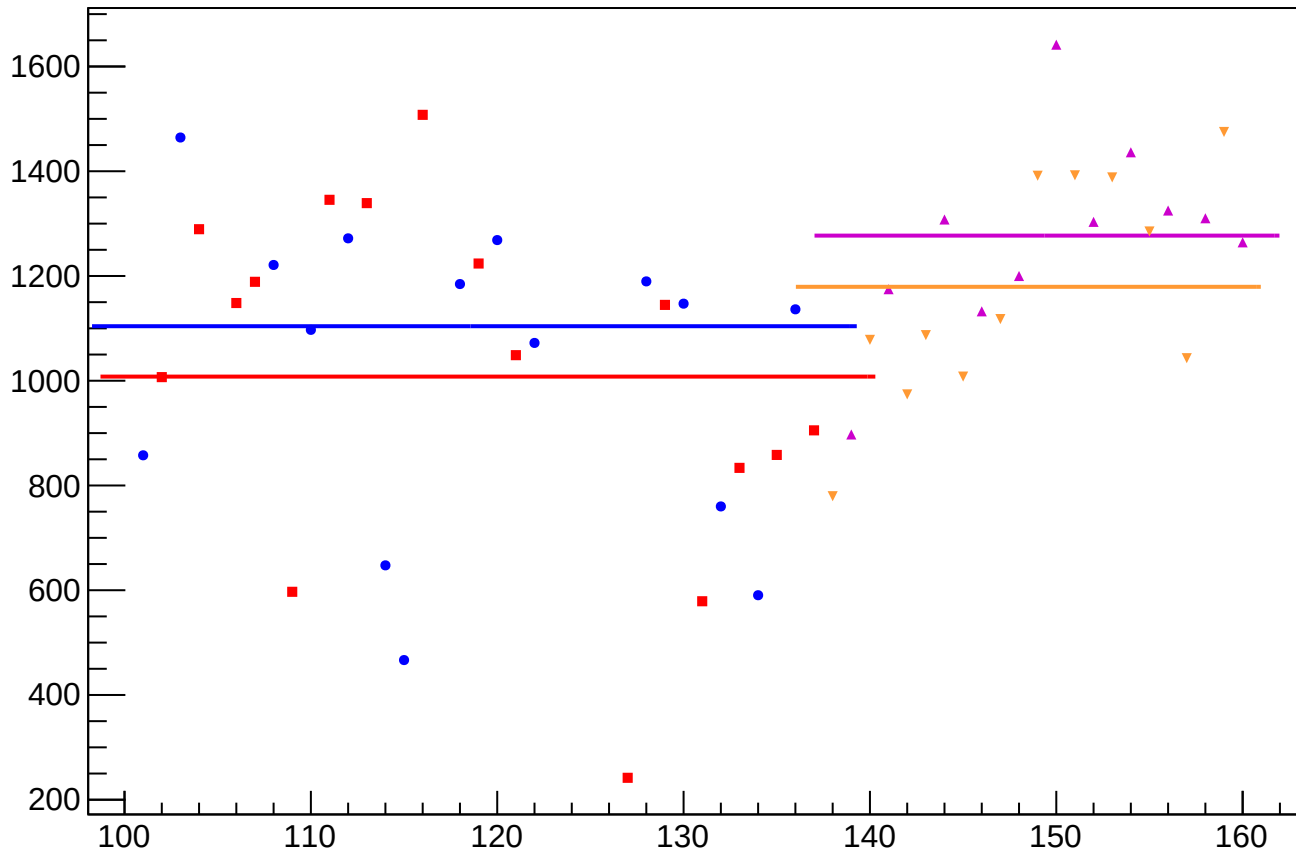
Left In: -82.954 ± 0.000 χ^2/NDF : 2041915777487297849205303170564096.0/10

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

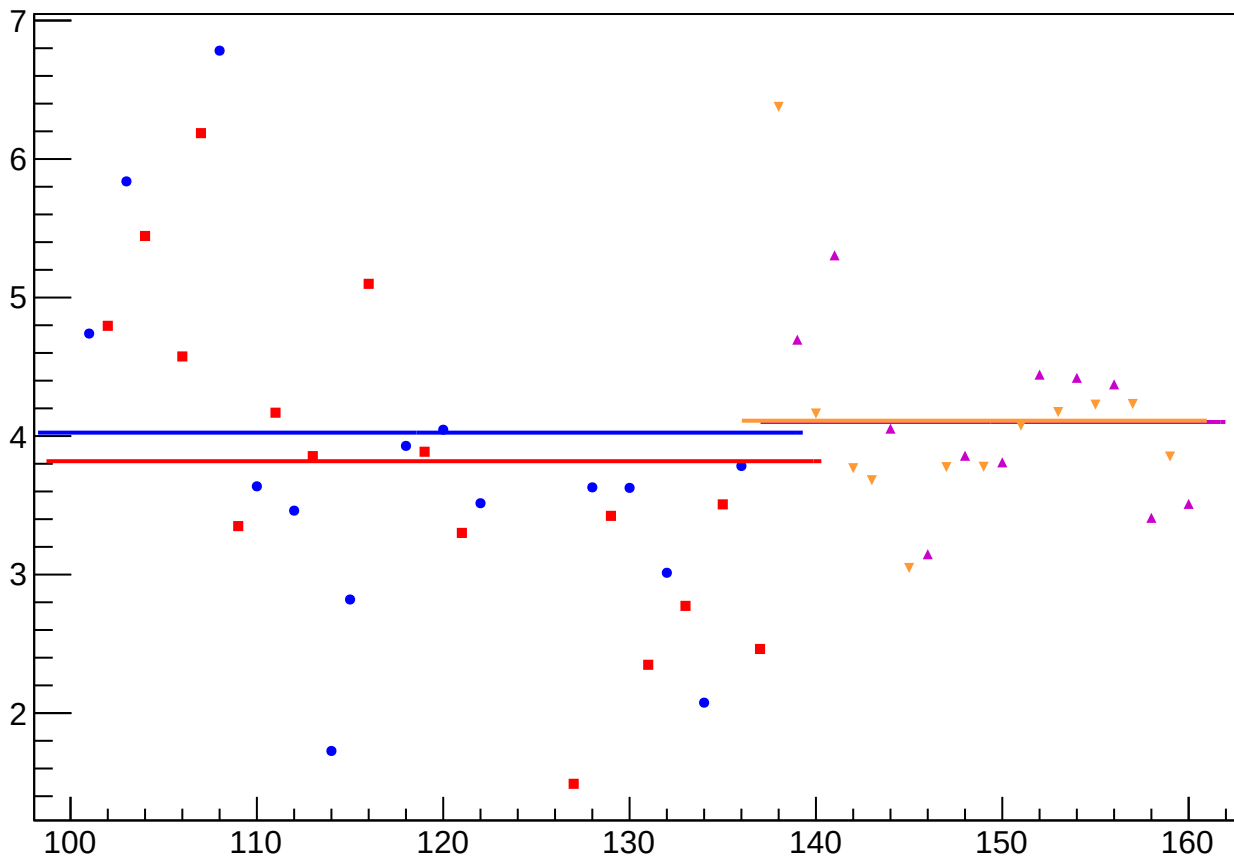
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

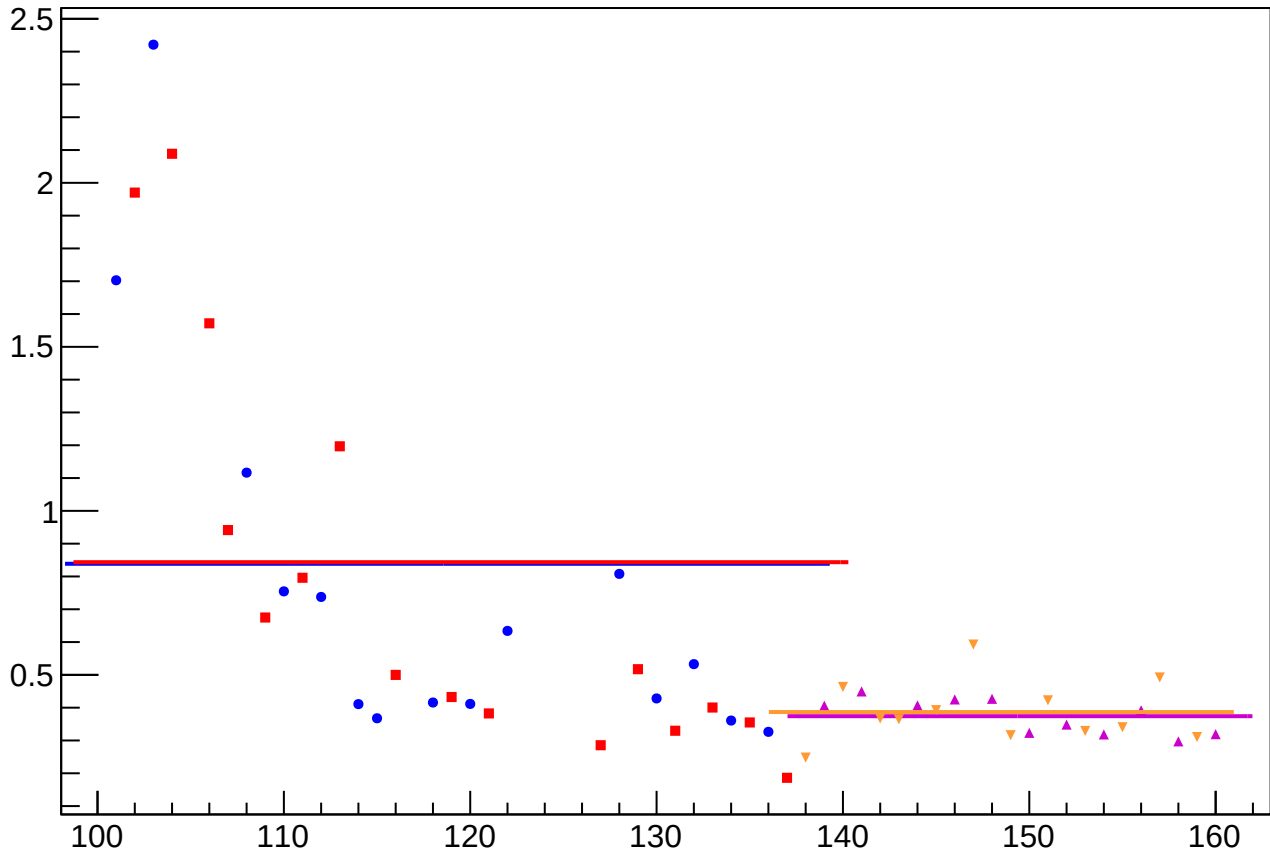
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ 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

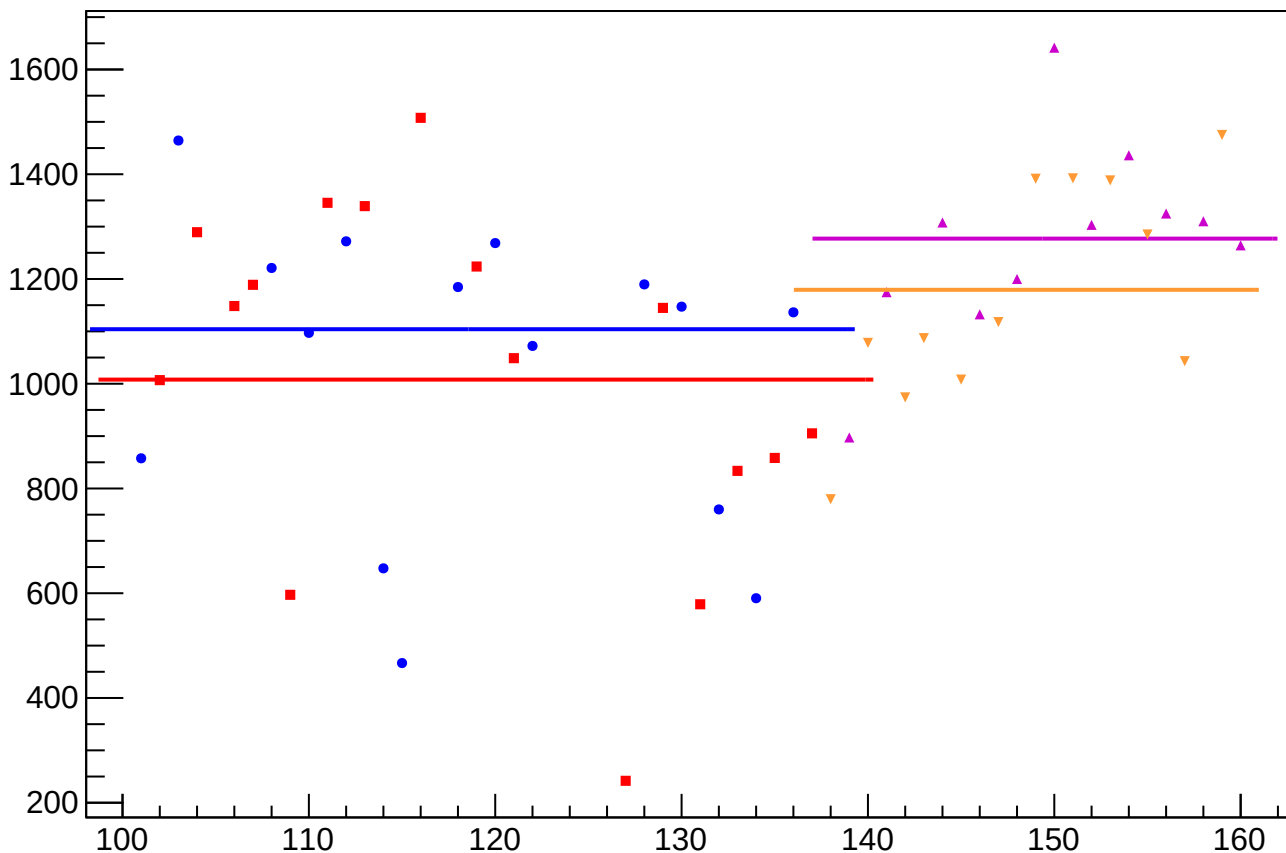
dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 ± 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14
 Left Out: 0.387 ± 0.000 χ^2/NDF : 7656532010606705303389852401664.0/11
 Right Out: 0.844 ± 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15
 Left In: 0.374 ± 0.000 χ^2/NDF : 2408191855928929204652403064832.0/10

+ sign 0.574 ± 0.000 χ^2/NDF : 34361299710521939
 All: 0.573 ± 0.000 χ^2/NDF : 68434990603829
 - sign 0.571 ± 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

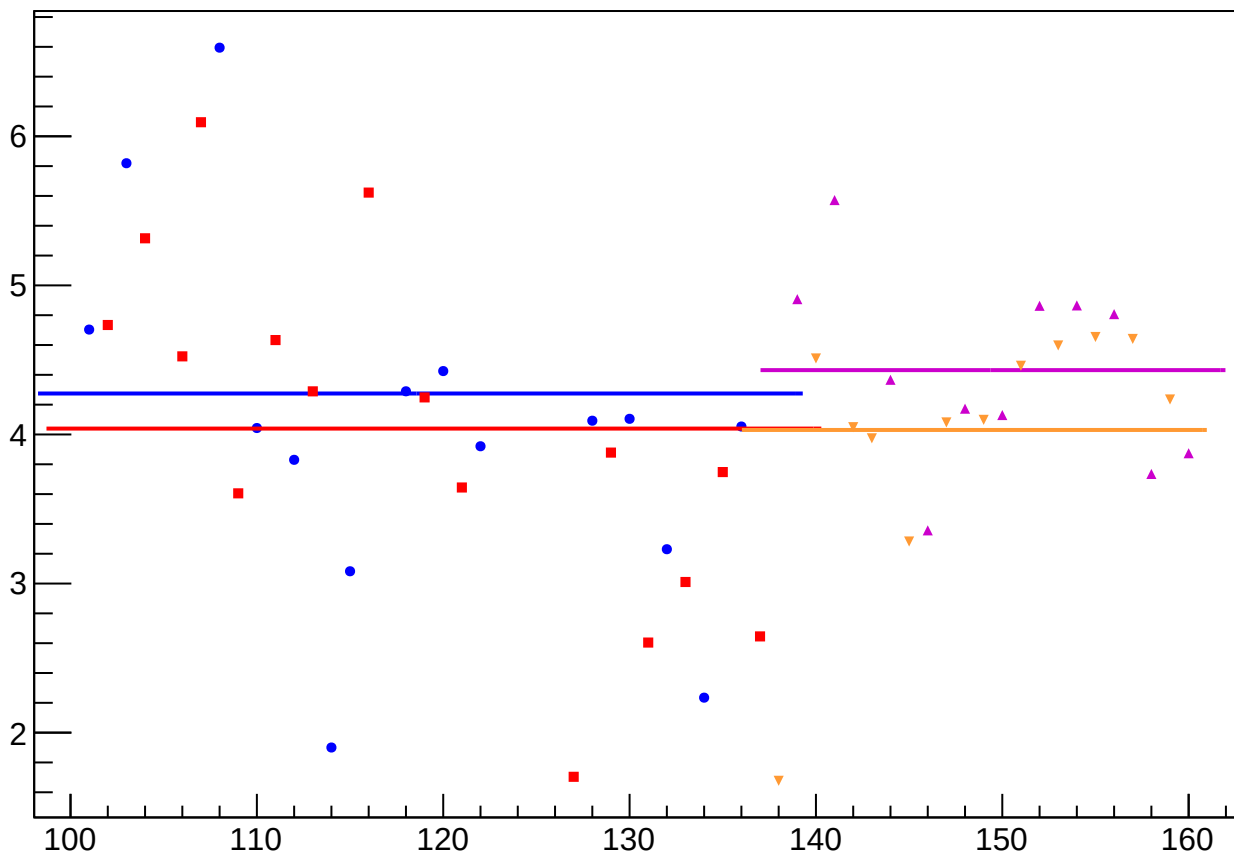
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

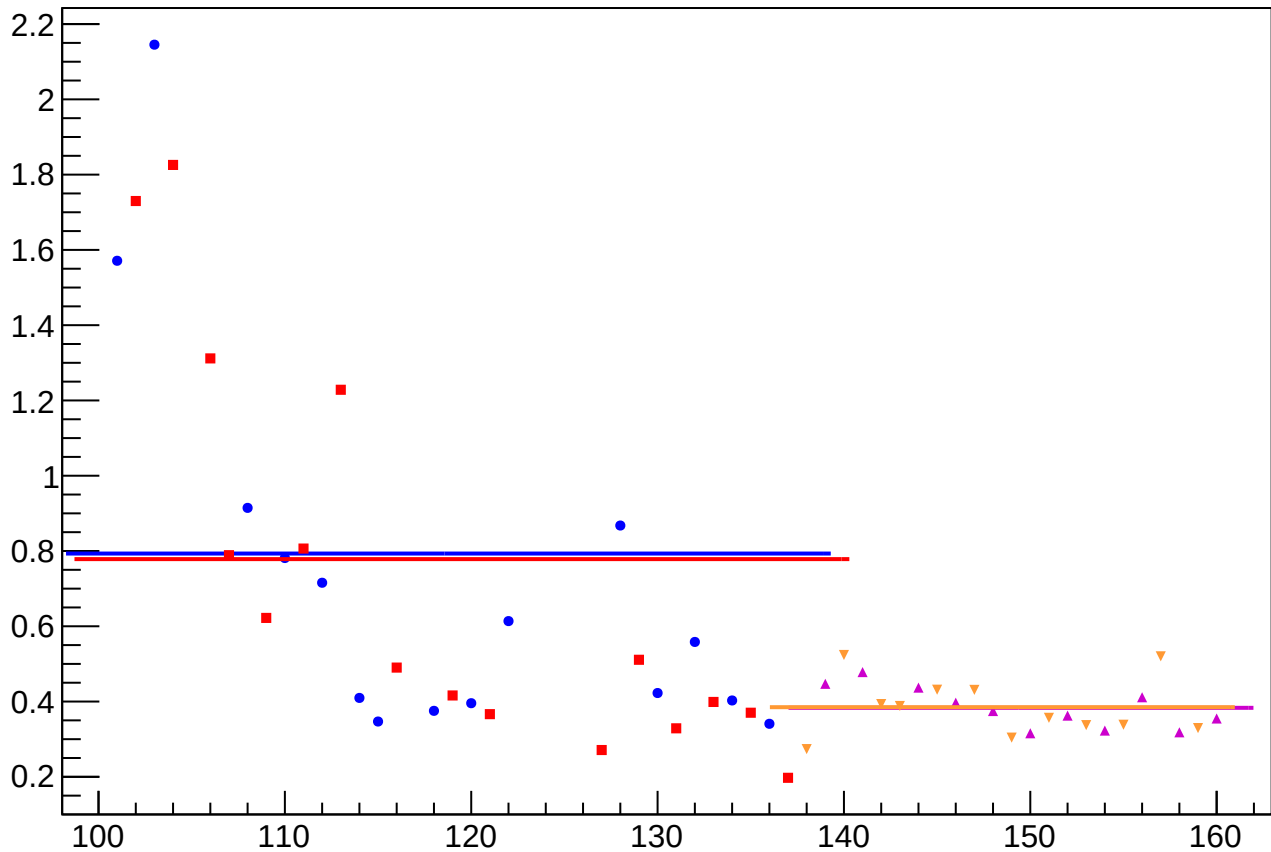
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

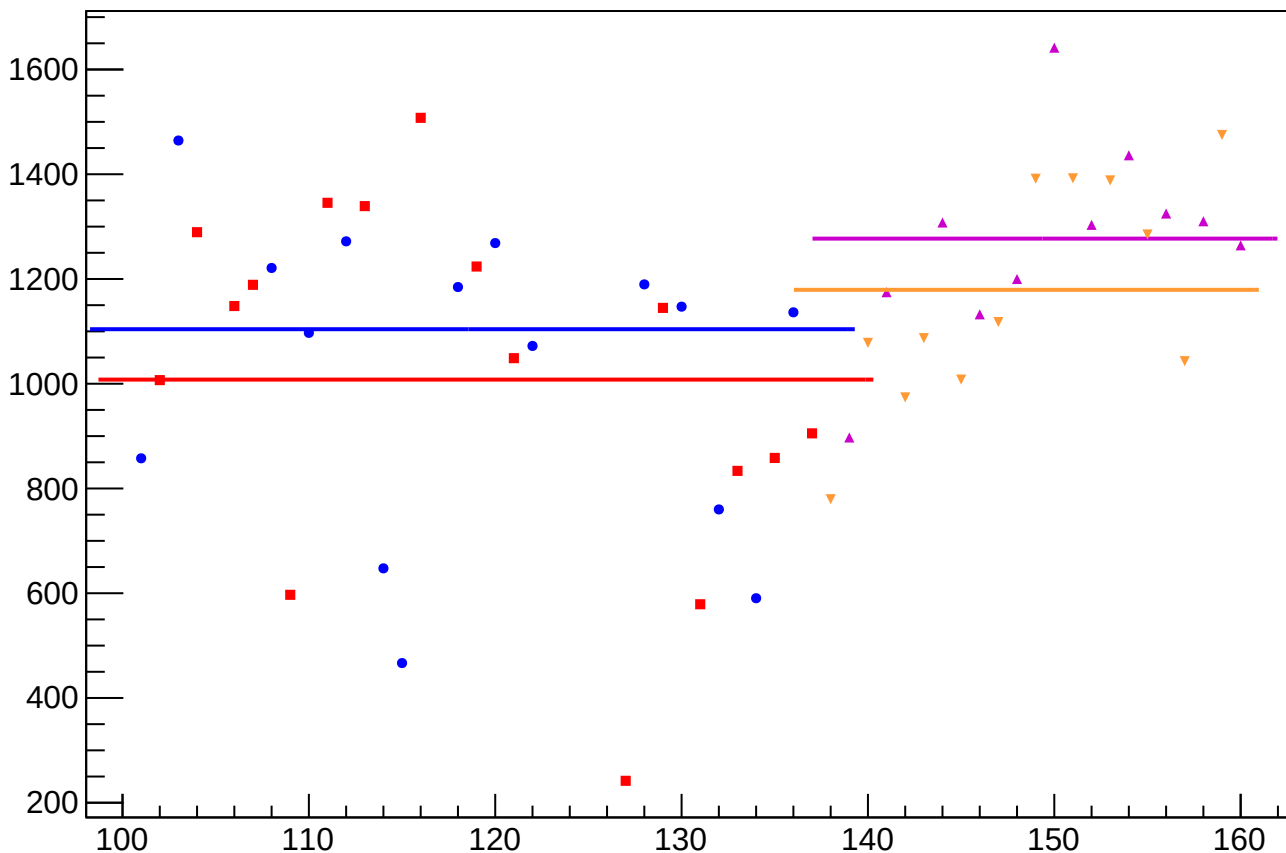
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.385 $\pm$ 0.000 χ^2/NDF : 5547784180240414411423653822464.0/11
 Right Out: 0.778 $\pm$ 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 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

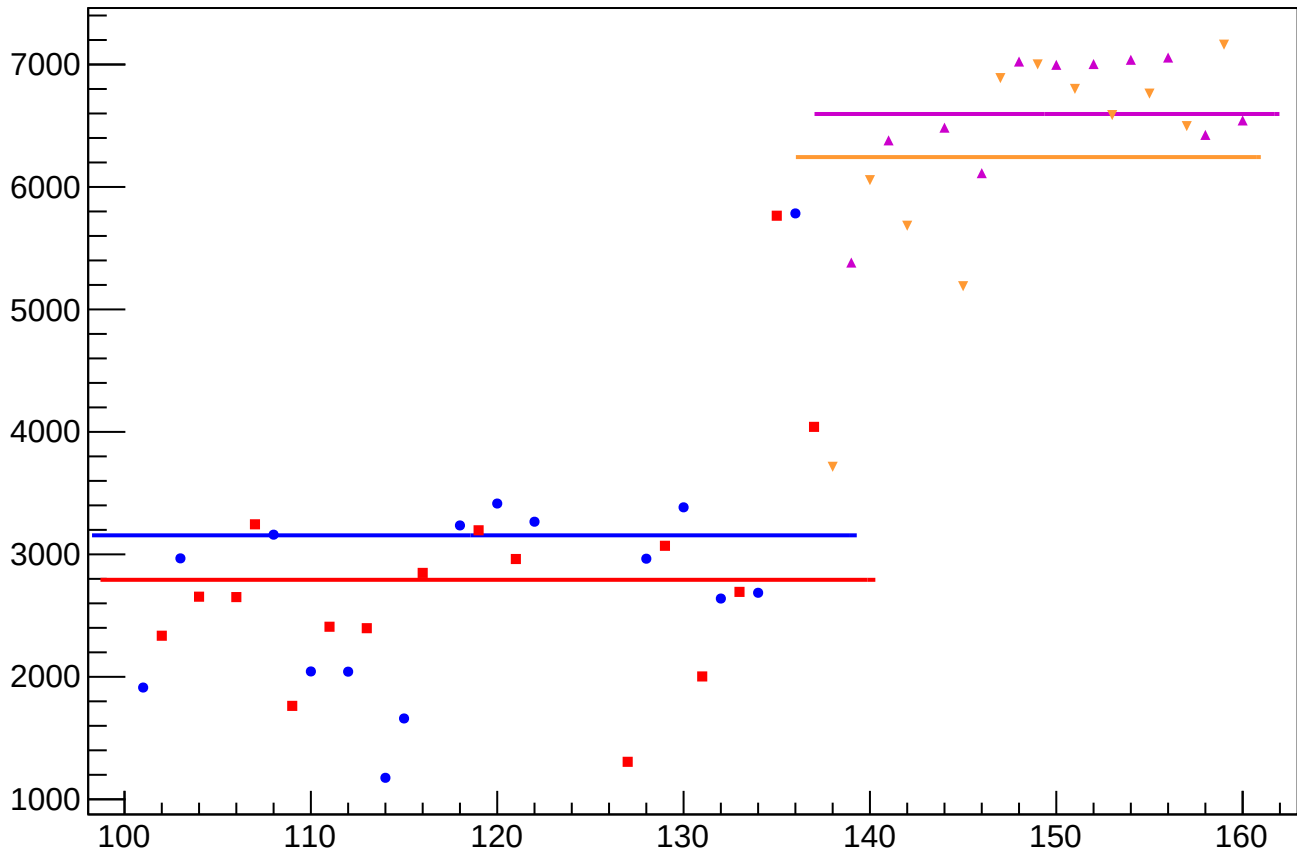
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

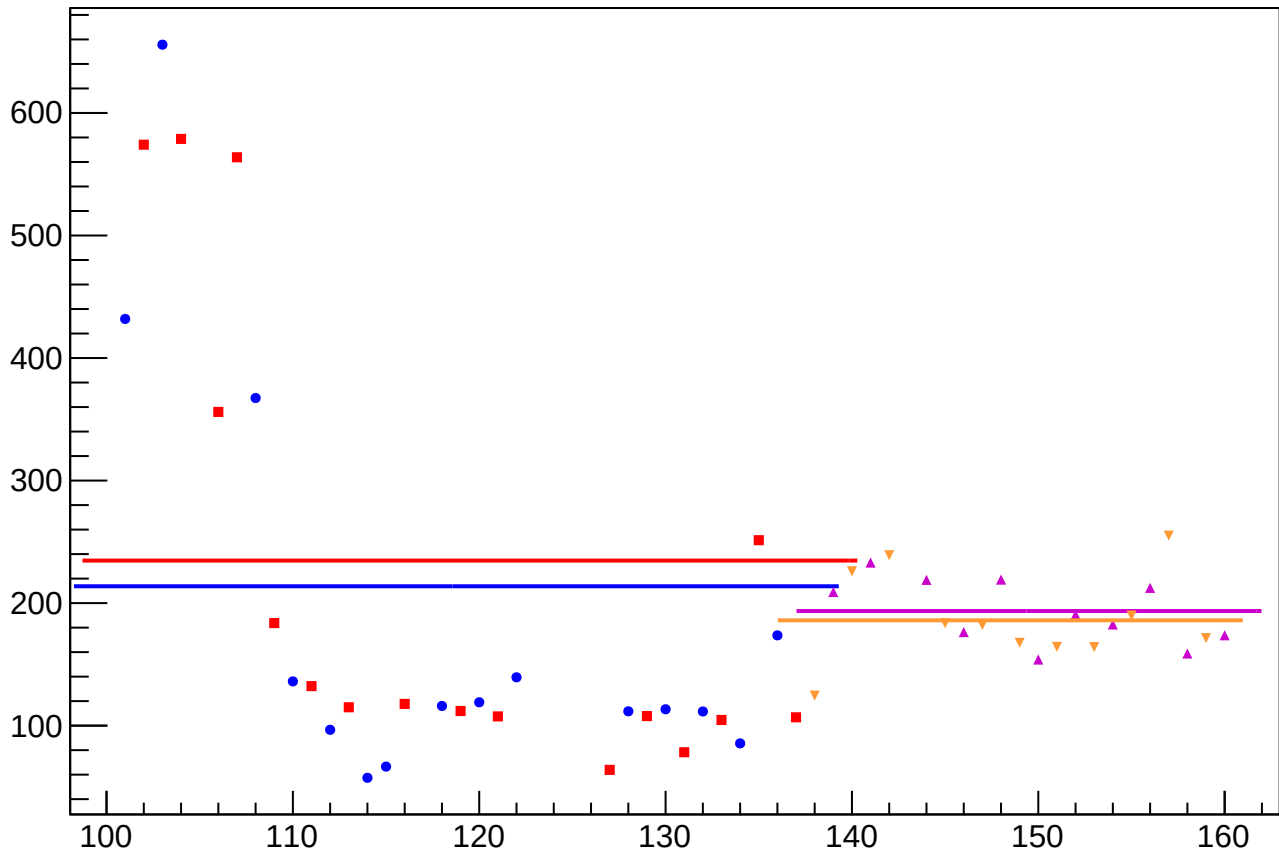
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usl_coil3_mean vs Slug



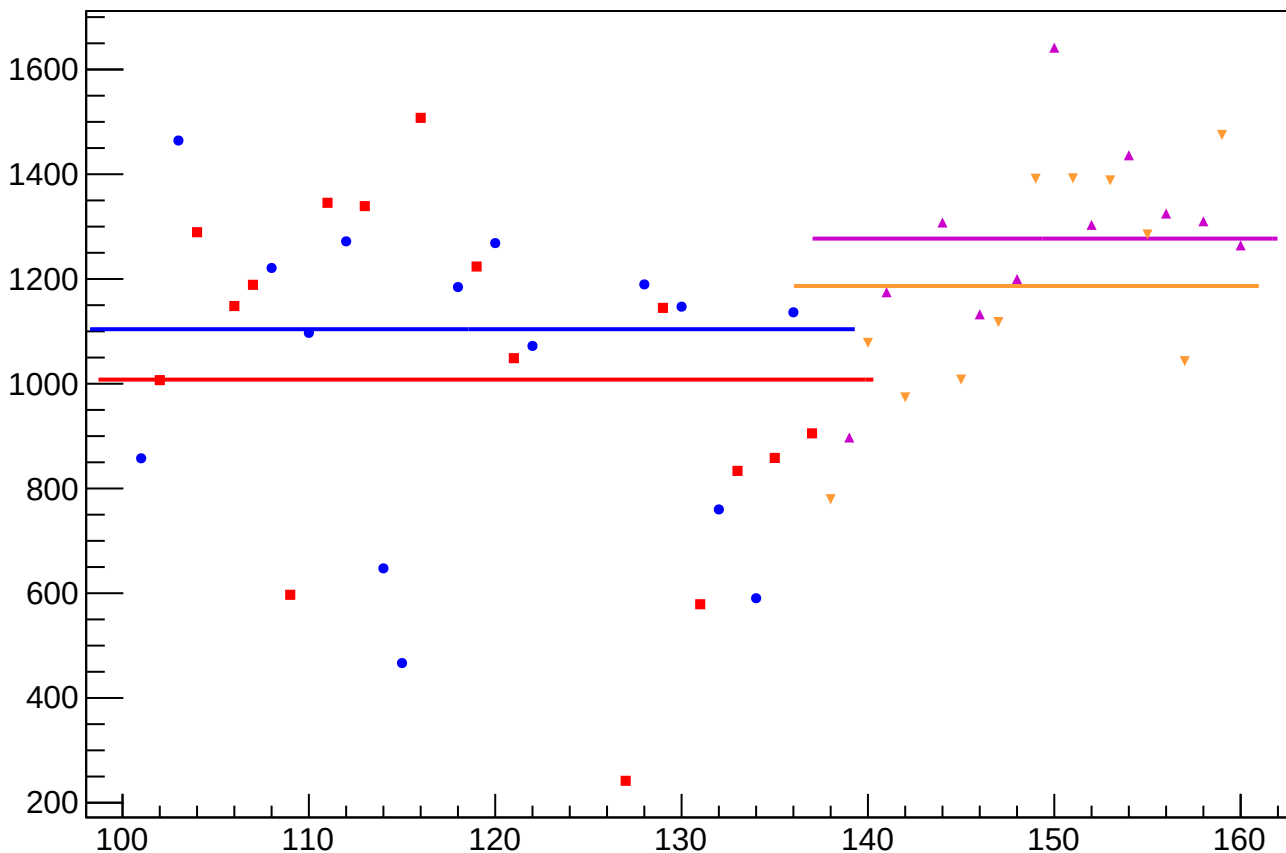
Right In: 3155.434+/-0.000	χ^2/NDF : 903550534773622902110918214033612996608.0/14	+ sign 4904.094+/-0.000	χ^2/NDF : 52199055193135
Left Out: 6243.976+/-0.000	χ^2/NDF : 811230786168378302780139165688711348224.0/10	All: 4954.171+/-0.000	χ^2/NDF : 1173127883
Right Out: 2792.245+/-0.000	χ^2/NDF : 674635749324173001973264427530986717184.0/15	- sign 5001.259+/-0.000	χ^2/NDF : 65040940380317
Left In: 6595.861+/-0.000	χ^2/NDF : 225164805715400368671043826745864093696.0/10		

dit_usl_coil3_err_mean vs Slug



Right In: 213.739 $\pm$ 0.000 χ^2 /NDF: 19718138109054002114361149860507287552.0/14
 Left Out: 185.948 $\pm$ 0.000 χ^2 /NDF: 1057706607595767583587974846640816128.0/10
 Right Out: 234.712 $\pm$ 0.000 χ^2 /NDF: 24013134107167214895189050481067425792.0/15
 Left In: 193.543 $\pm$ 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

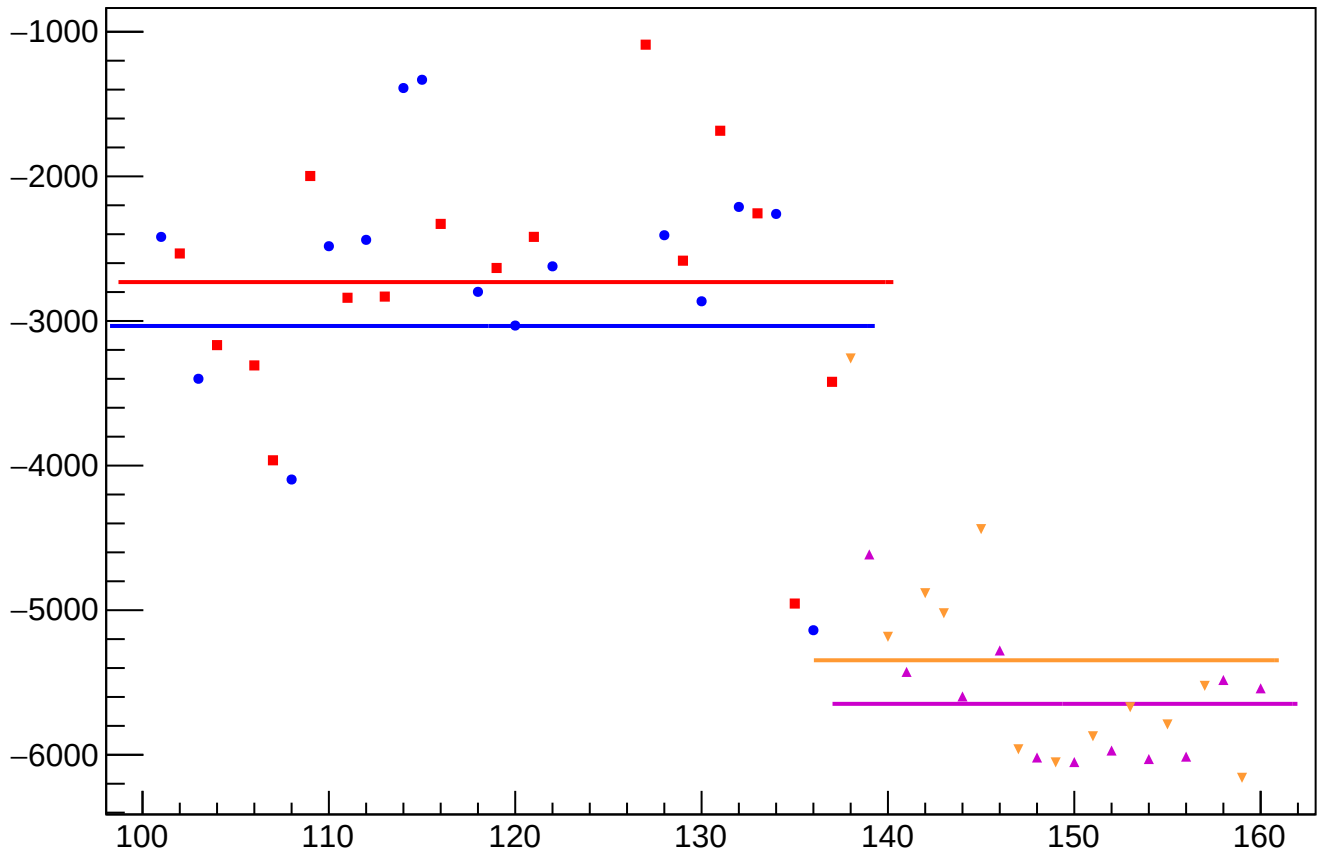
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833

All: 1157.745+/-0.000 χ^2/NDF : 20023337148

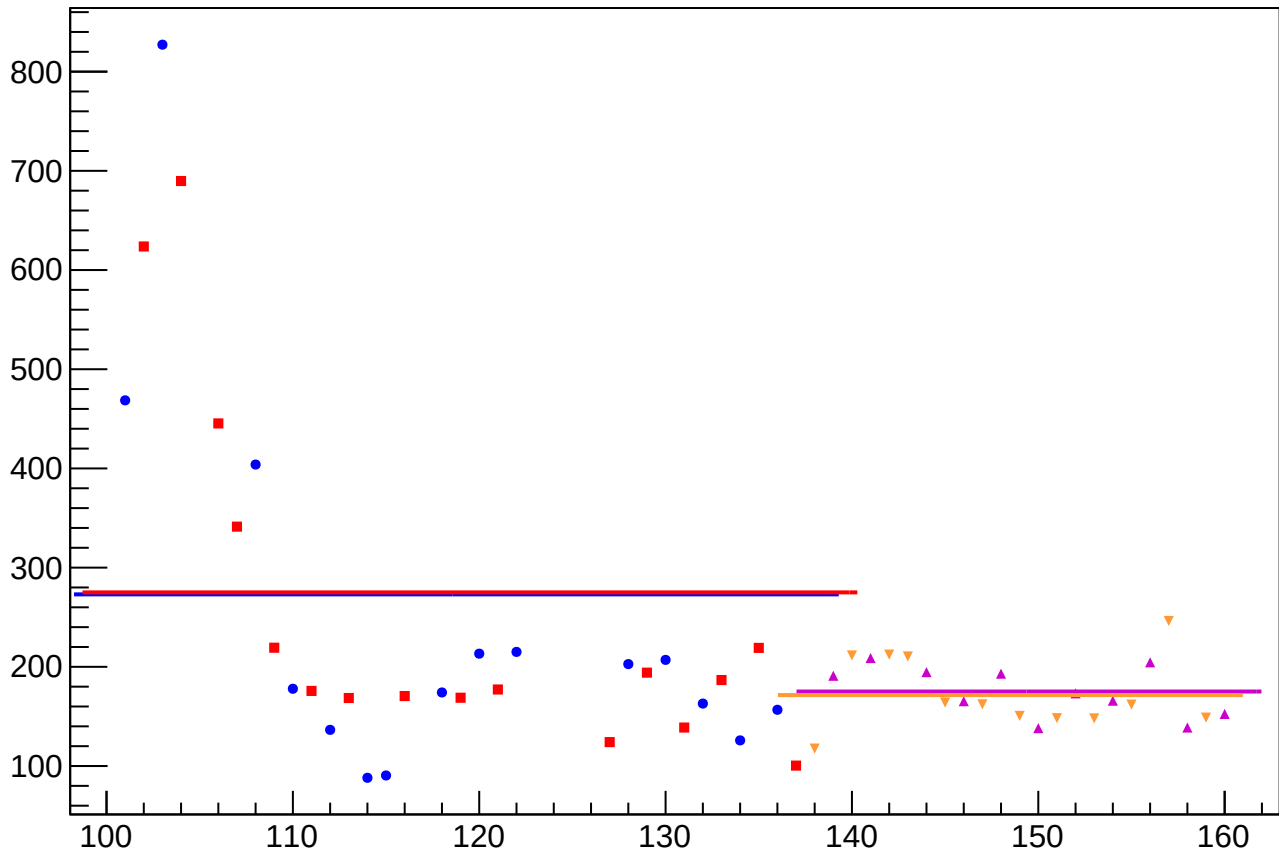
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



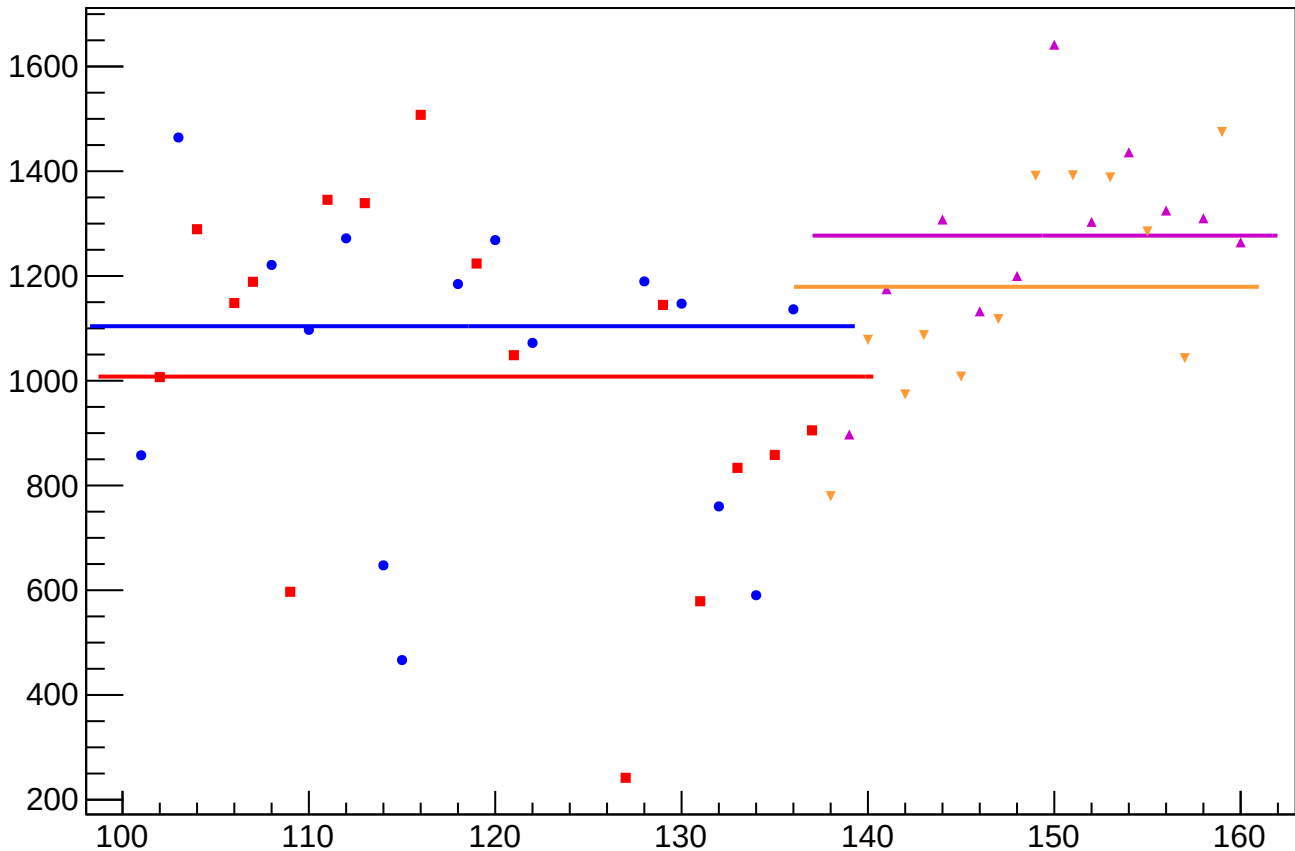
Right In: -3034.527 $\pm$ 0.000 χ^2 /NDF: 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287 $\pm$ 0.000 χ^2 /NDF: 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035 $\pm$ 0.000 χ^2 /NDF: 528290847703567991555694629239211950080.0/15
 Left In: -5647.632 $\pm$ 0.000 χ^2 /NDF: 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

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

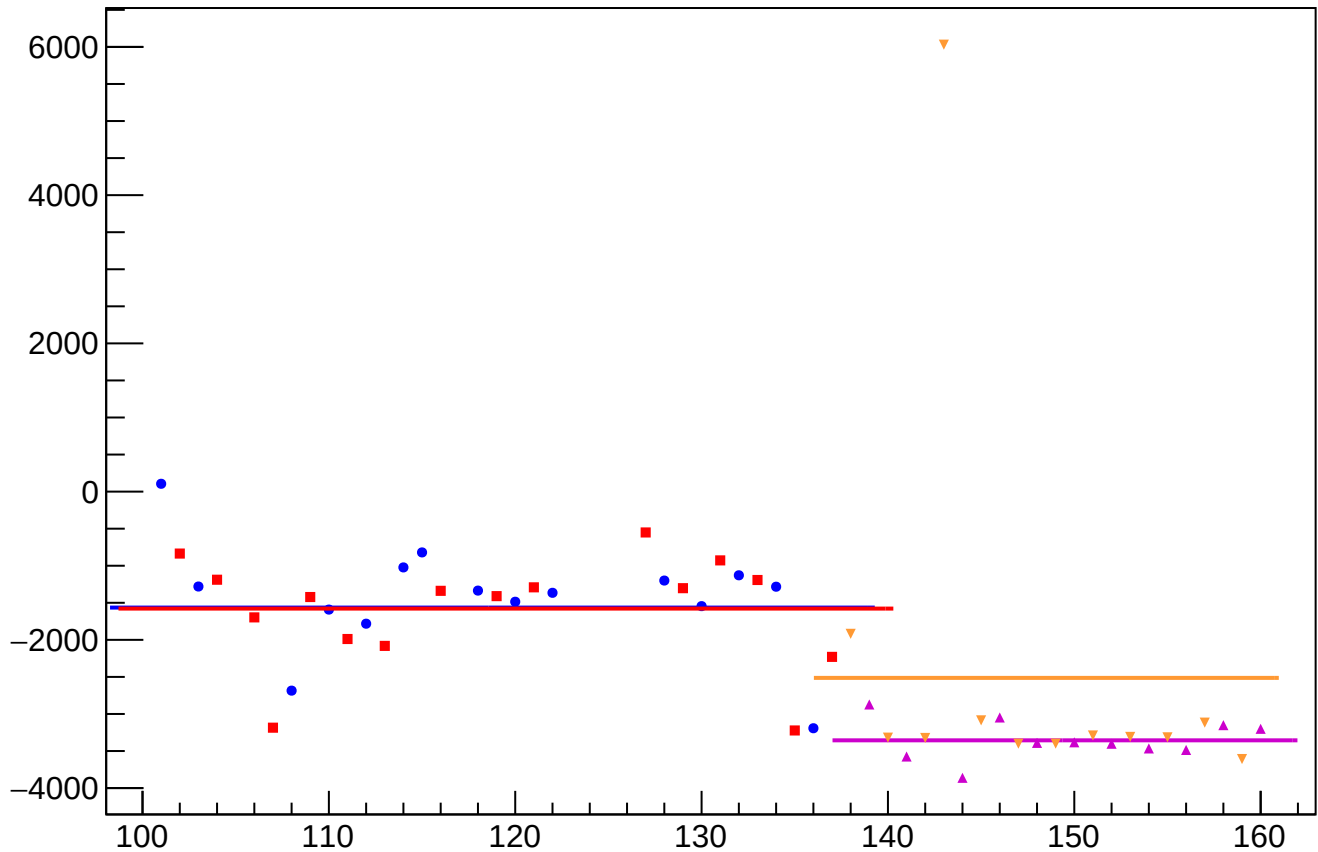
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

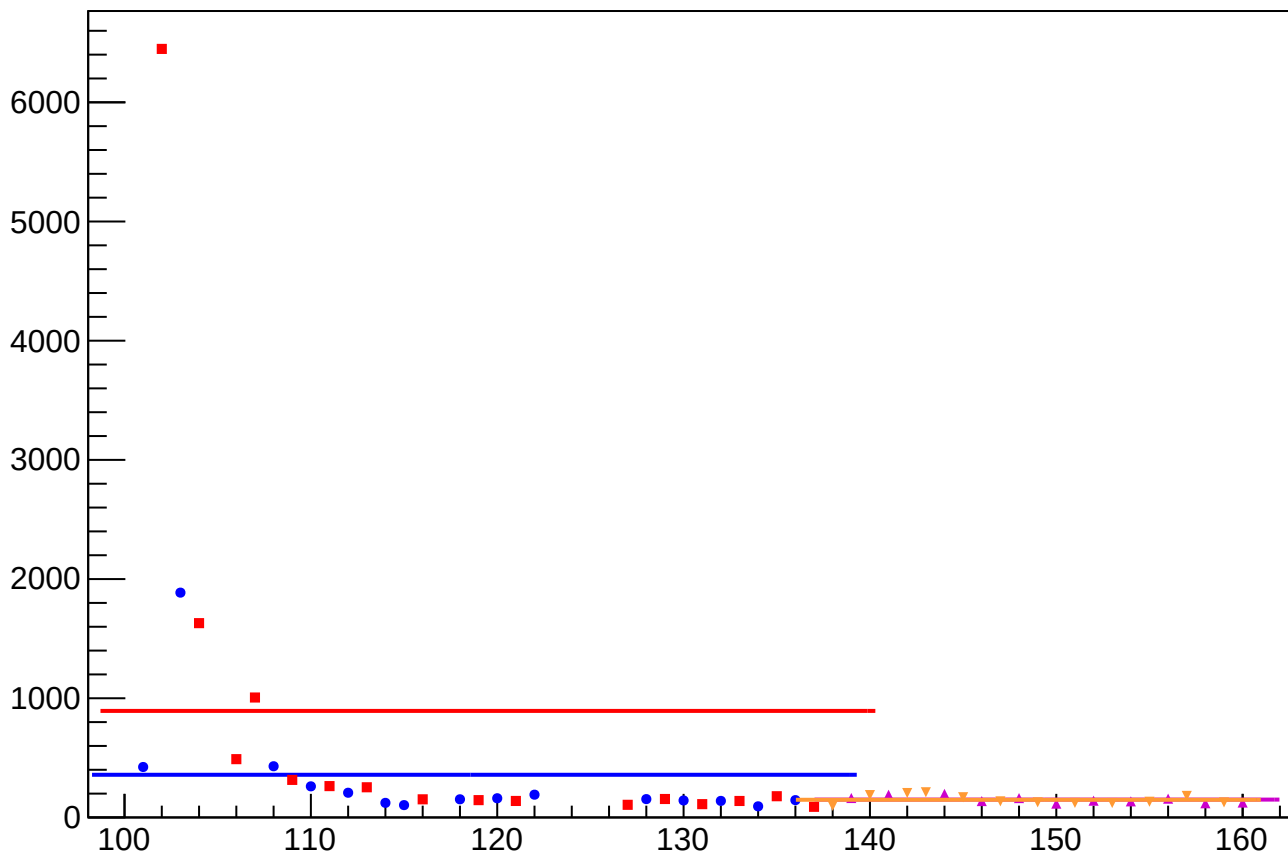
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

dit_atl1_coil3_err_mean vs Slug



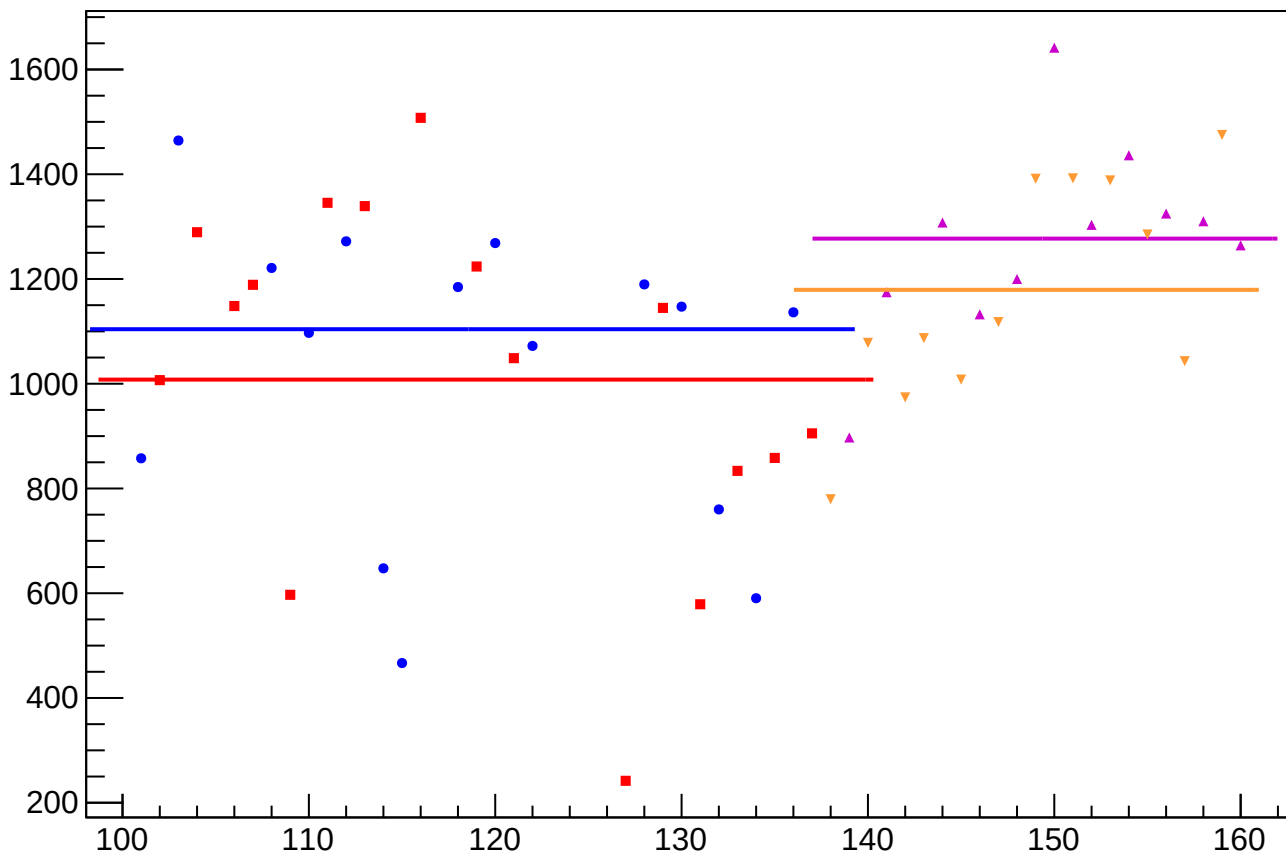
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

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

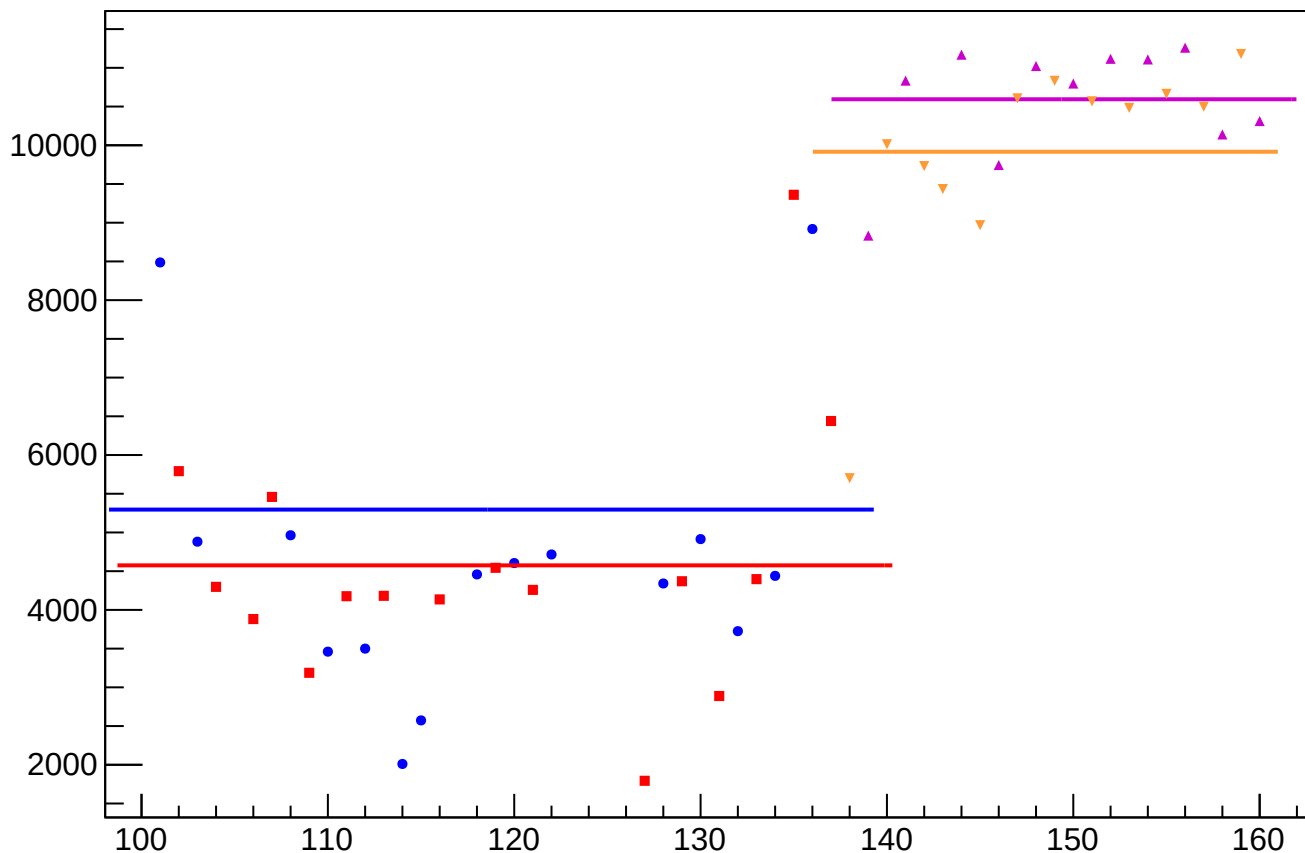
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

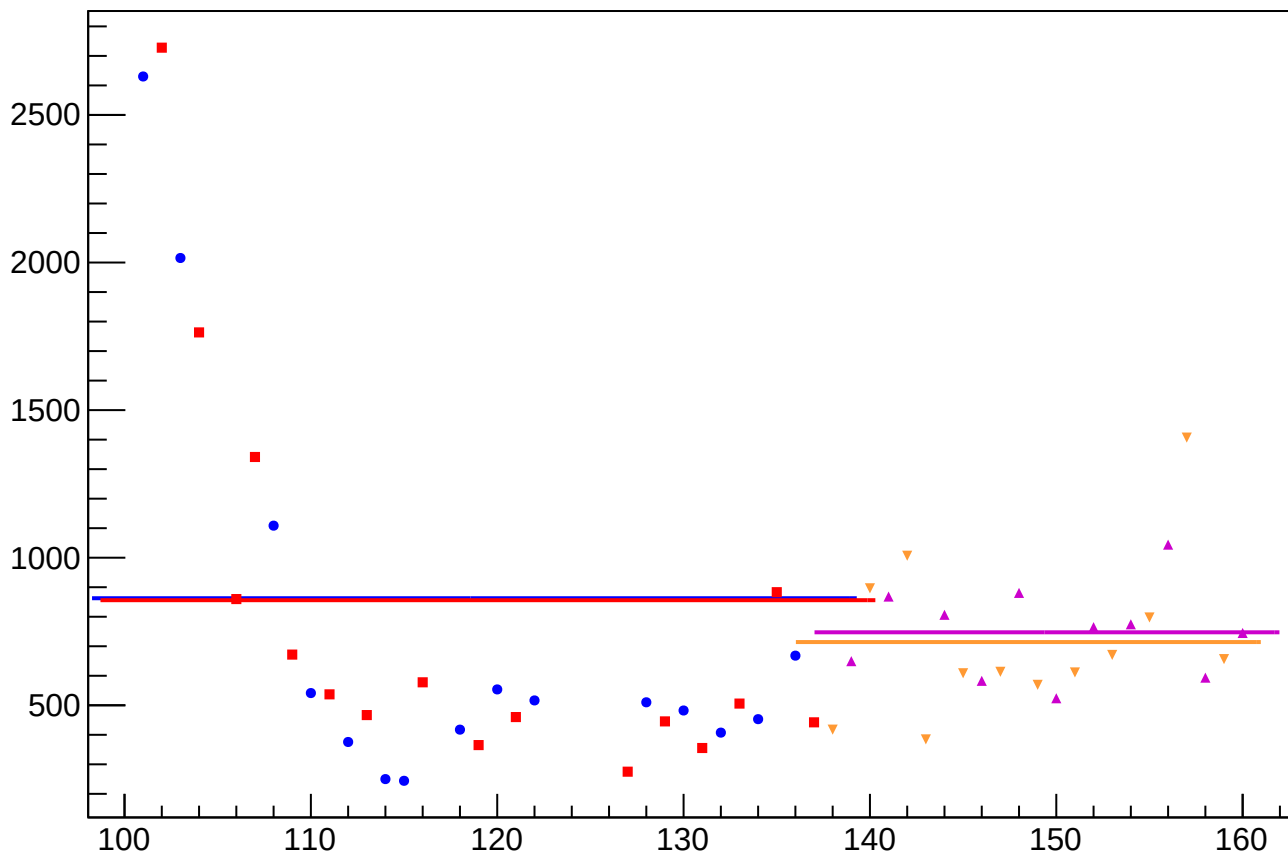
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420 $\pm$ 0.000 χ^2 /NDF: 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095 $\pm$ 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

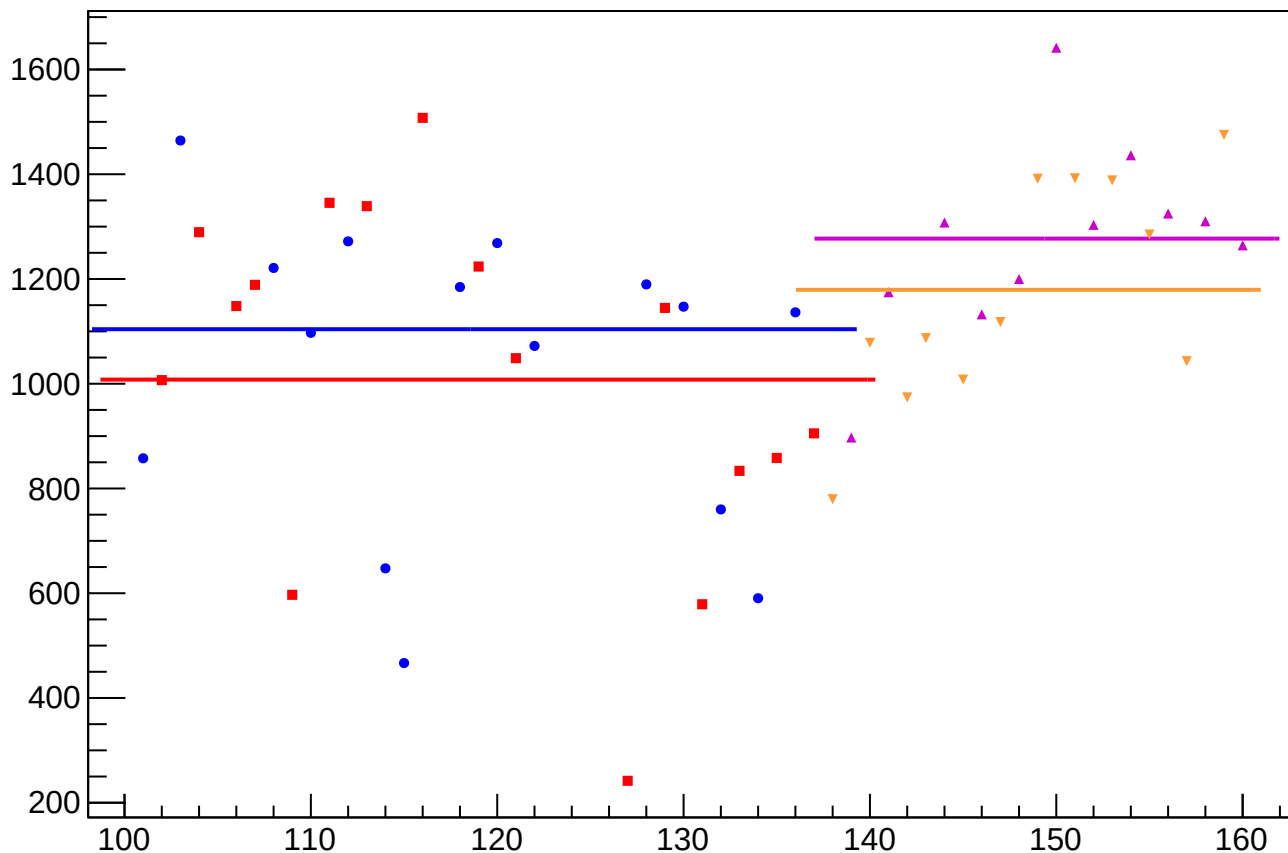
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ 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 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

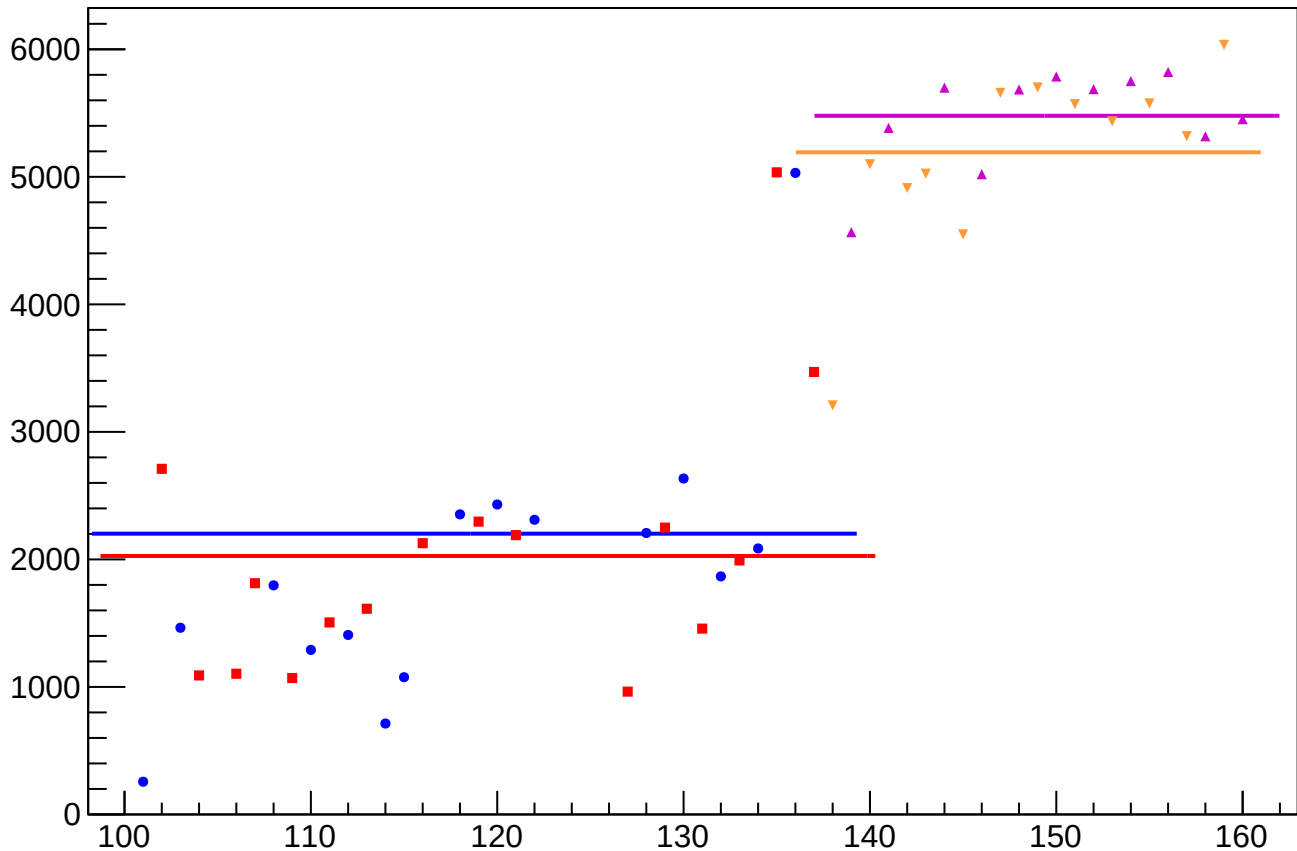
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

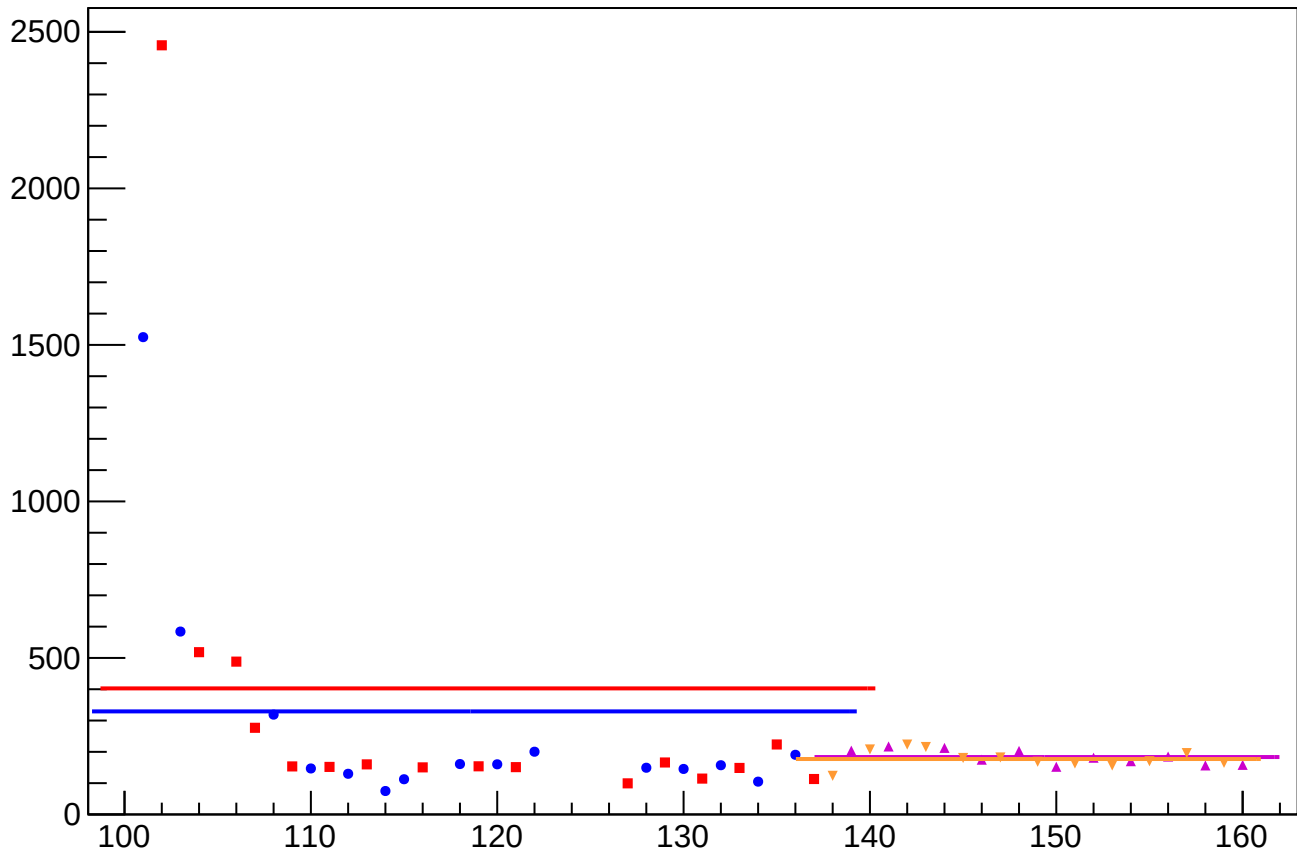
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000	χ^2/NDF : 1086544775216266395419904724422998622208.0/14	+ sign 3950.684+/-0.000	χ^2/NDF : 49512221502414
Left Out: 5192.476+/-0.000	χ^2/NDF : 470317118435532937200148346508624789504.0/11	All: 3991.515+/-0.000	χ^2/NDF : 10404550233
Right Out: 2026.969+/-0.000	χ^2/NDF : 708626456603410705124518299956645199872.0/15	- sign 4031.627+/-0.000	χ^2/NDF : 54481624345363
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

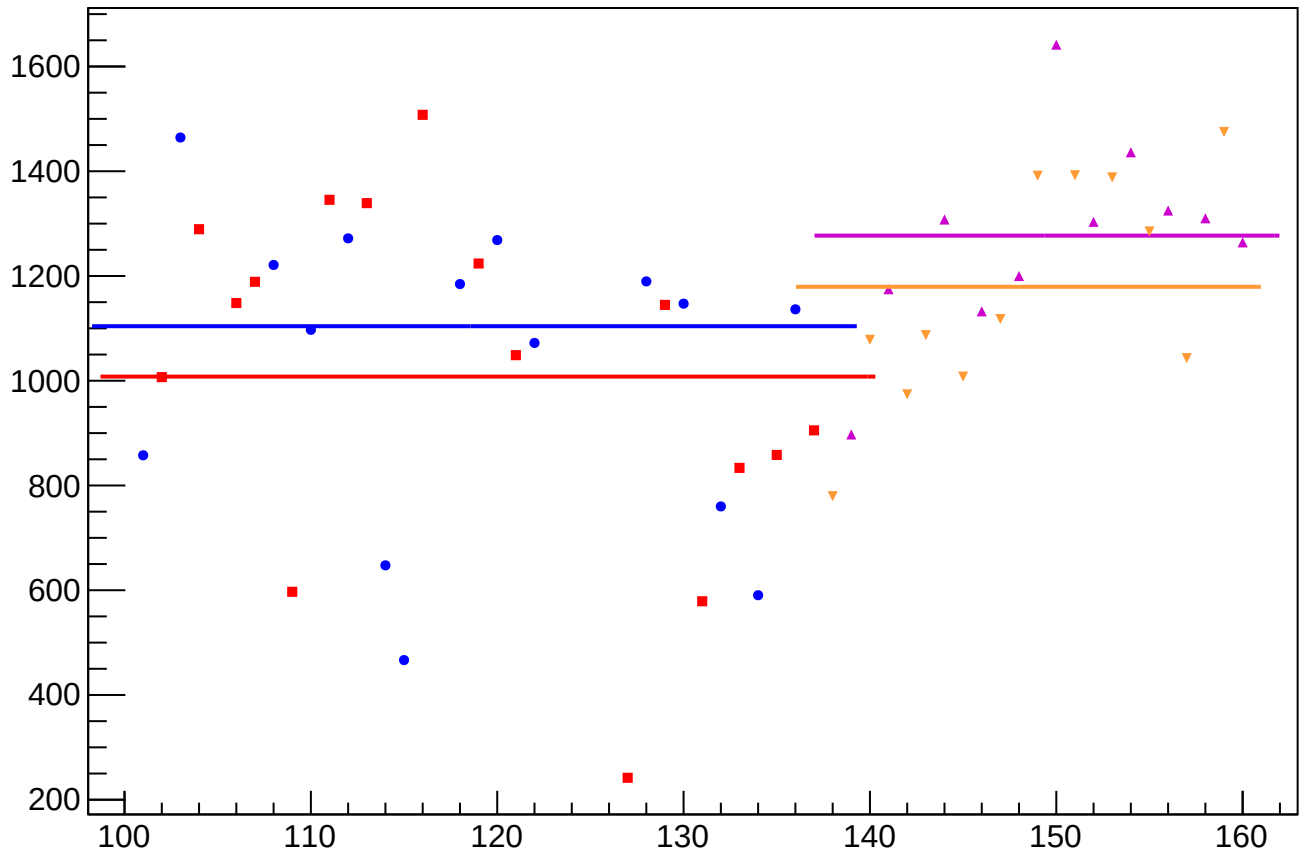
Left In: 183.411+/-0.000 χ^2/NDF : 452789814018275751637875535657304064.0/10

+ 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

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

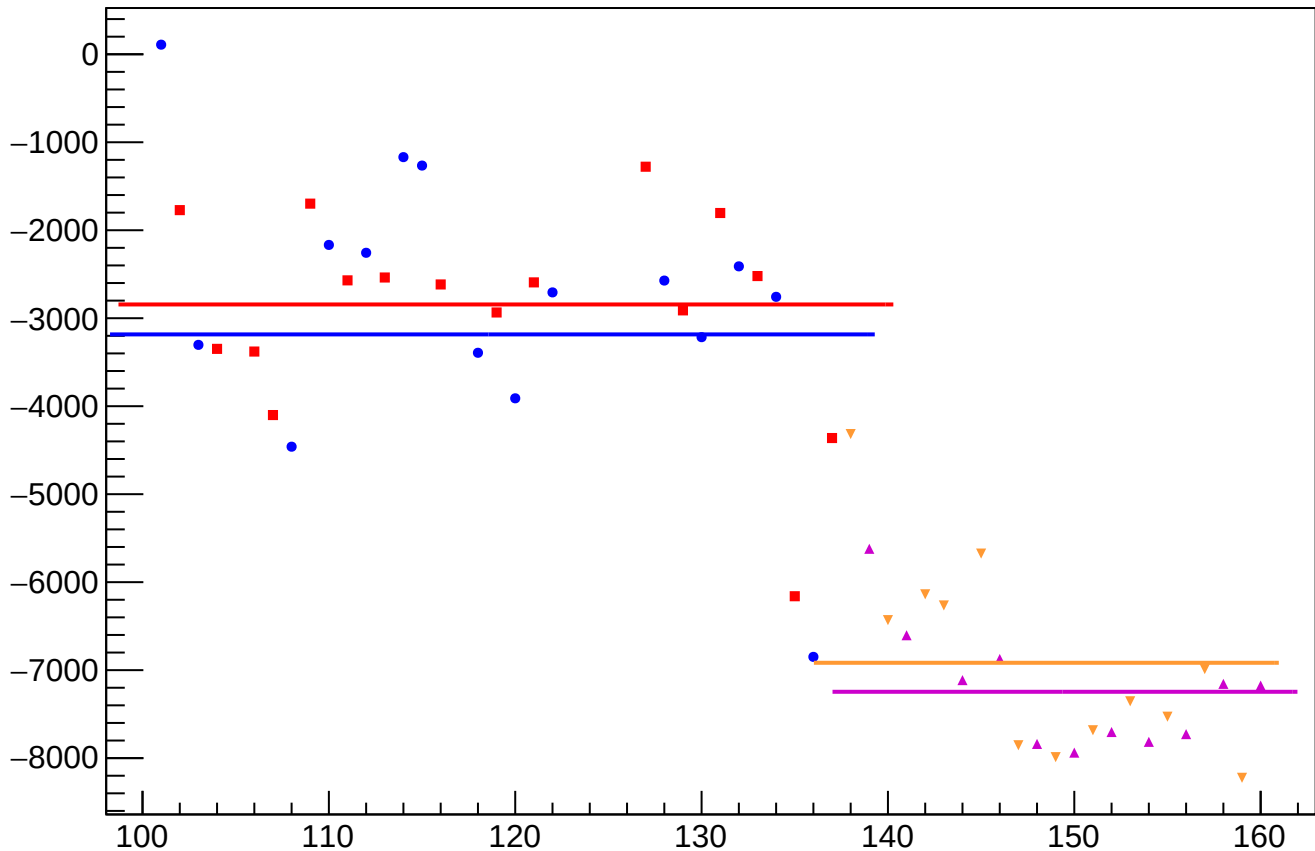
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

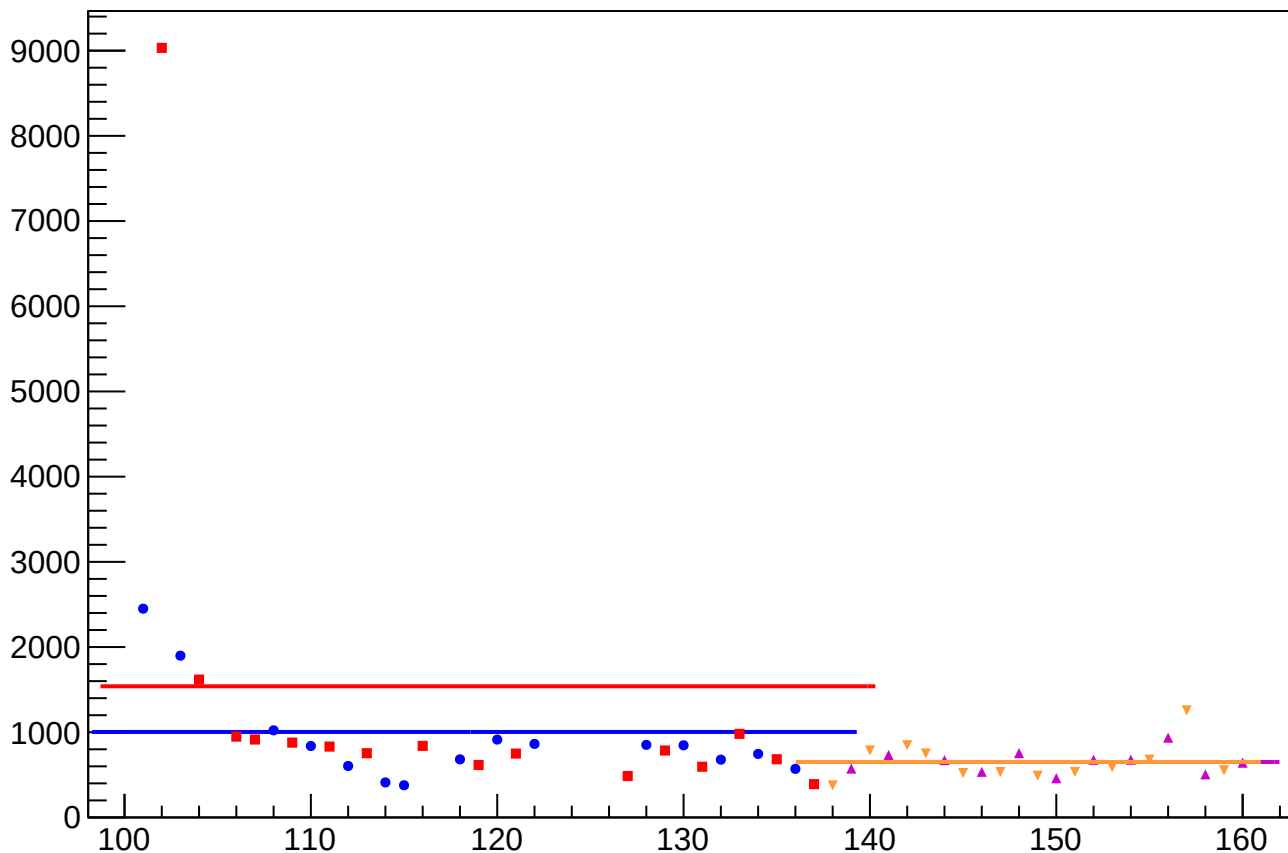
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_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

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

+ sign 797.669+/-0.000 χ^2/NDF : 312371598473089

Left Out: 651.582+/-0.000 χ^2/NDF : 45579416700188389340899783793497341952.0/11

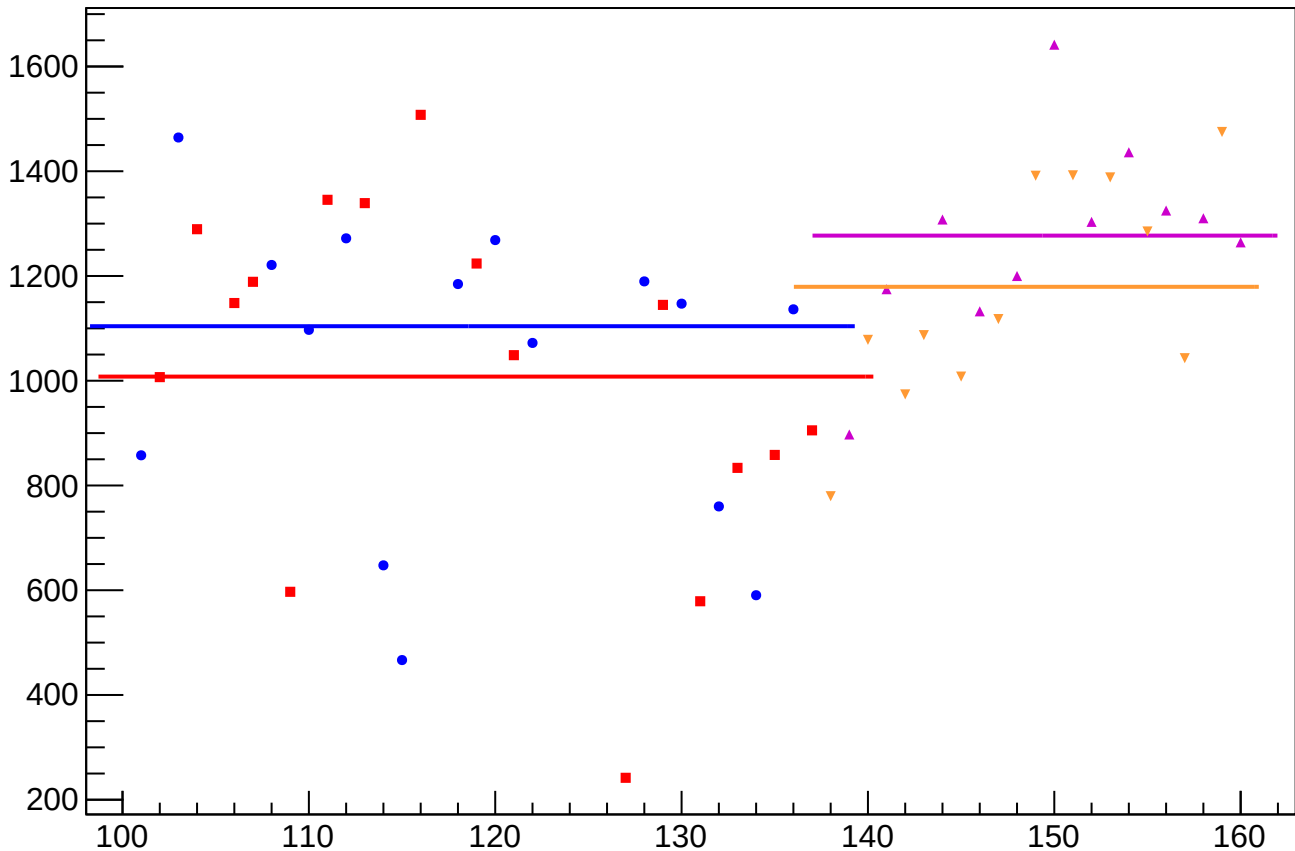
All: 911.528+/-0.000 χ^2/NDF : 428810018273

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

- sign 1023.383+/-0.000 χ^2/NDF : 39355602156889

Left In: 650.769+/-0.000 χ^2/NDF : 14776465774858799846922535858394365952.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

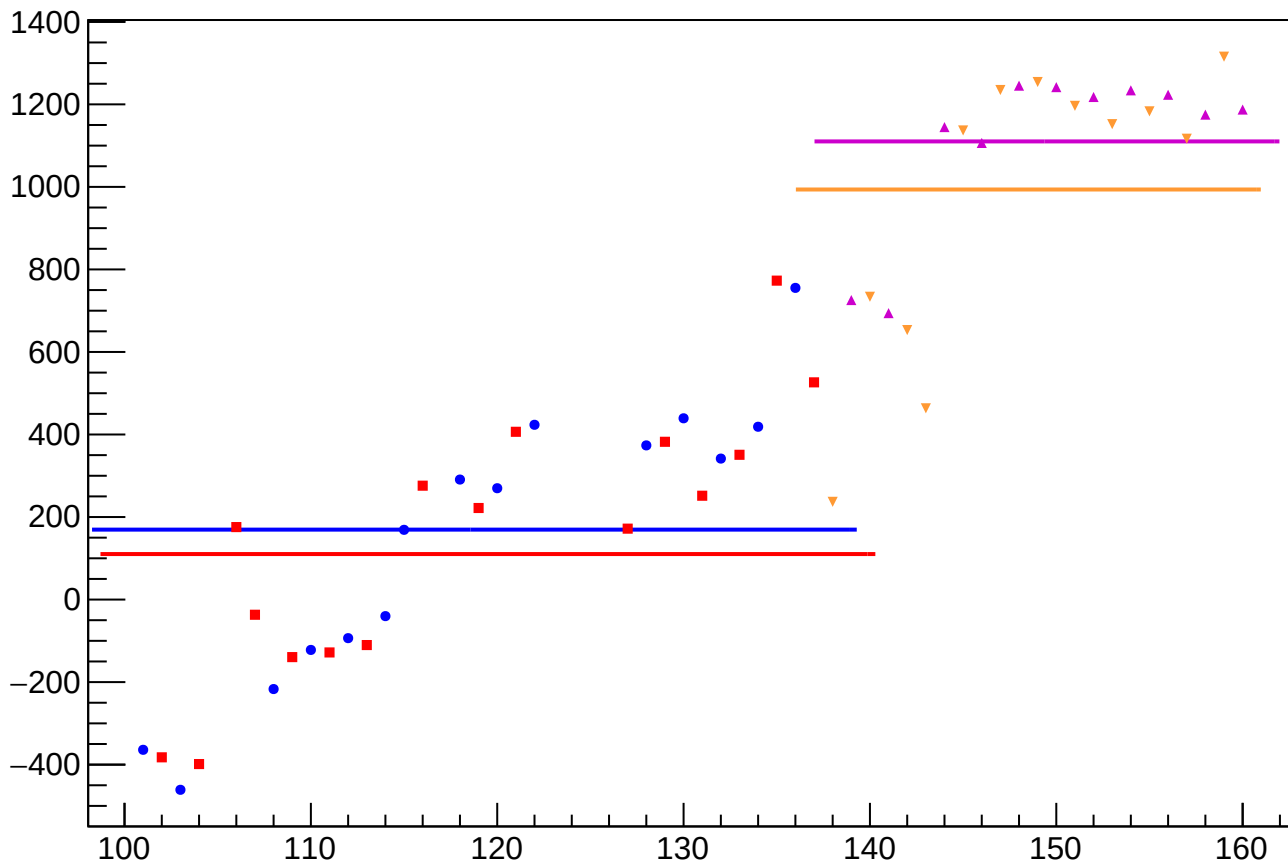
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

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

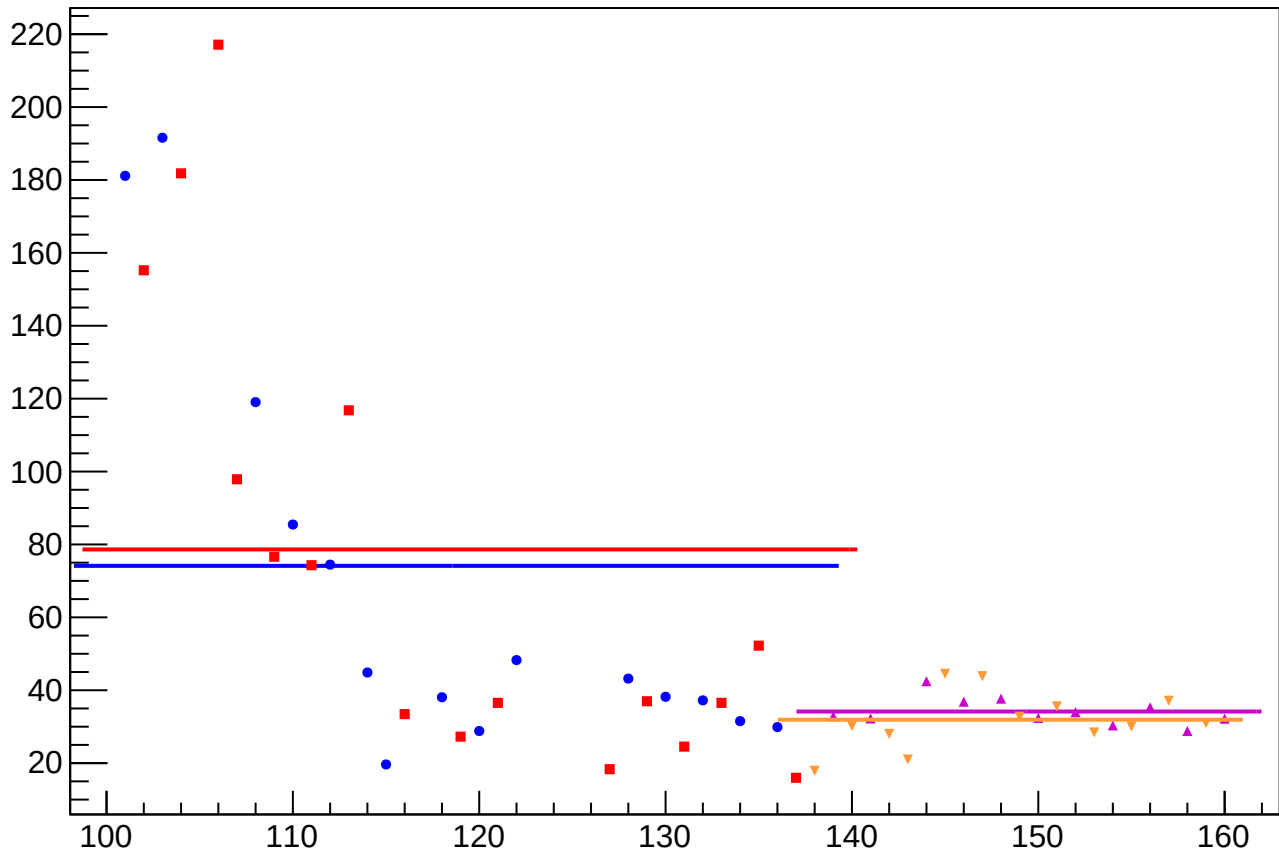
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ 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

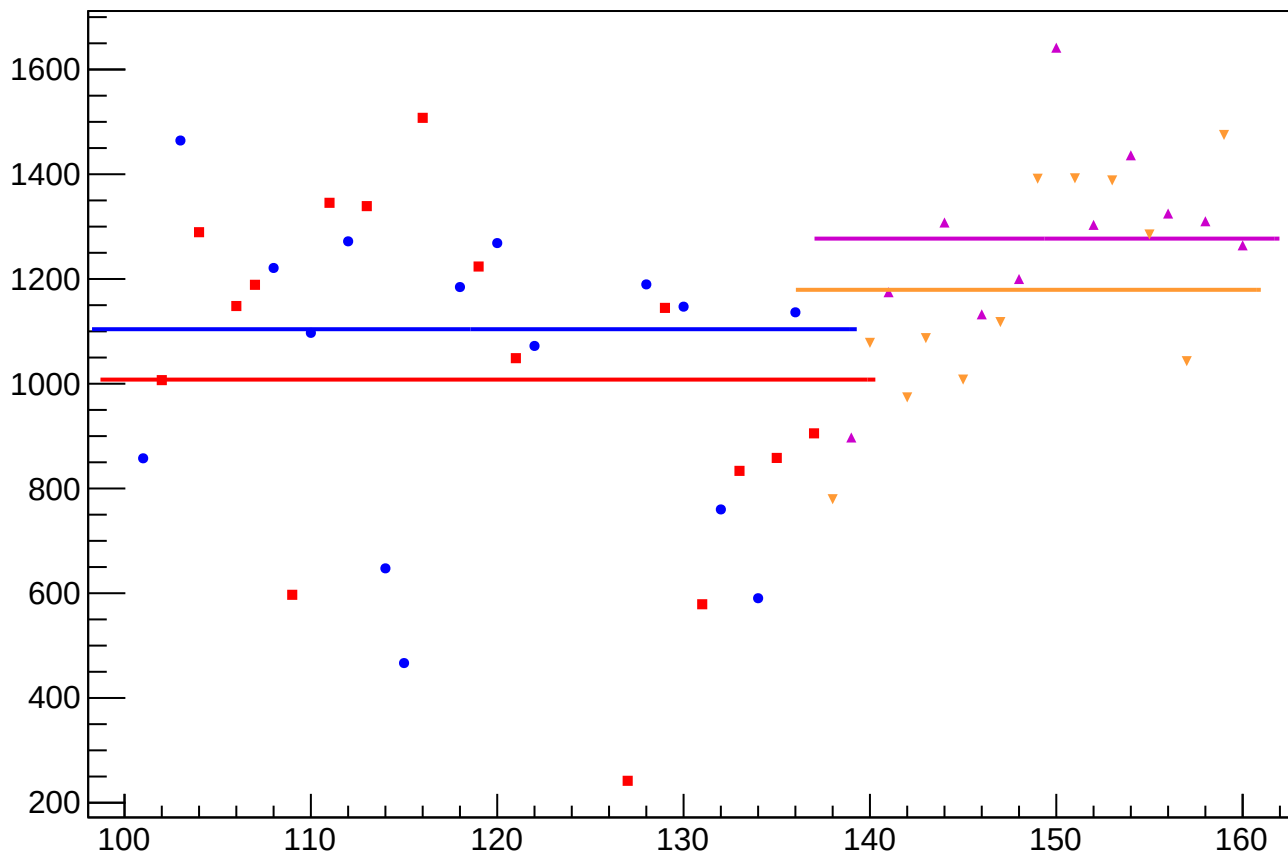
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ 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

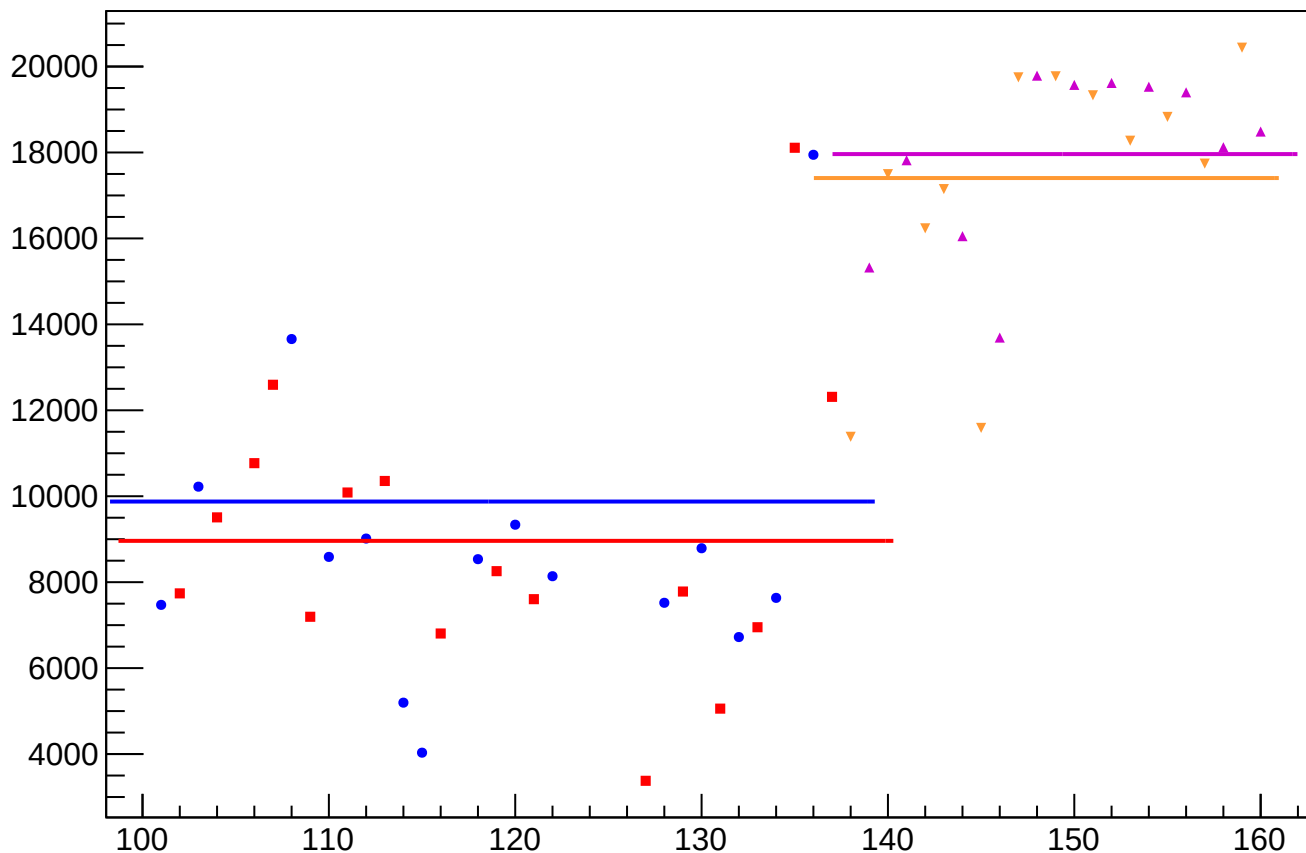
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

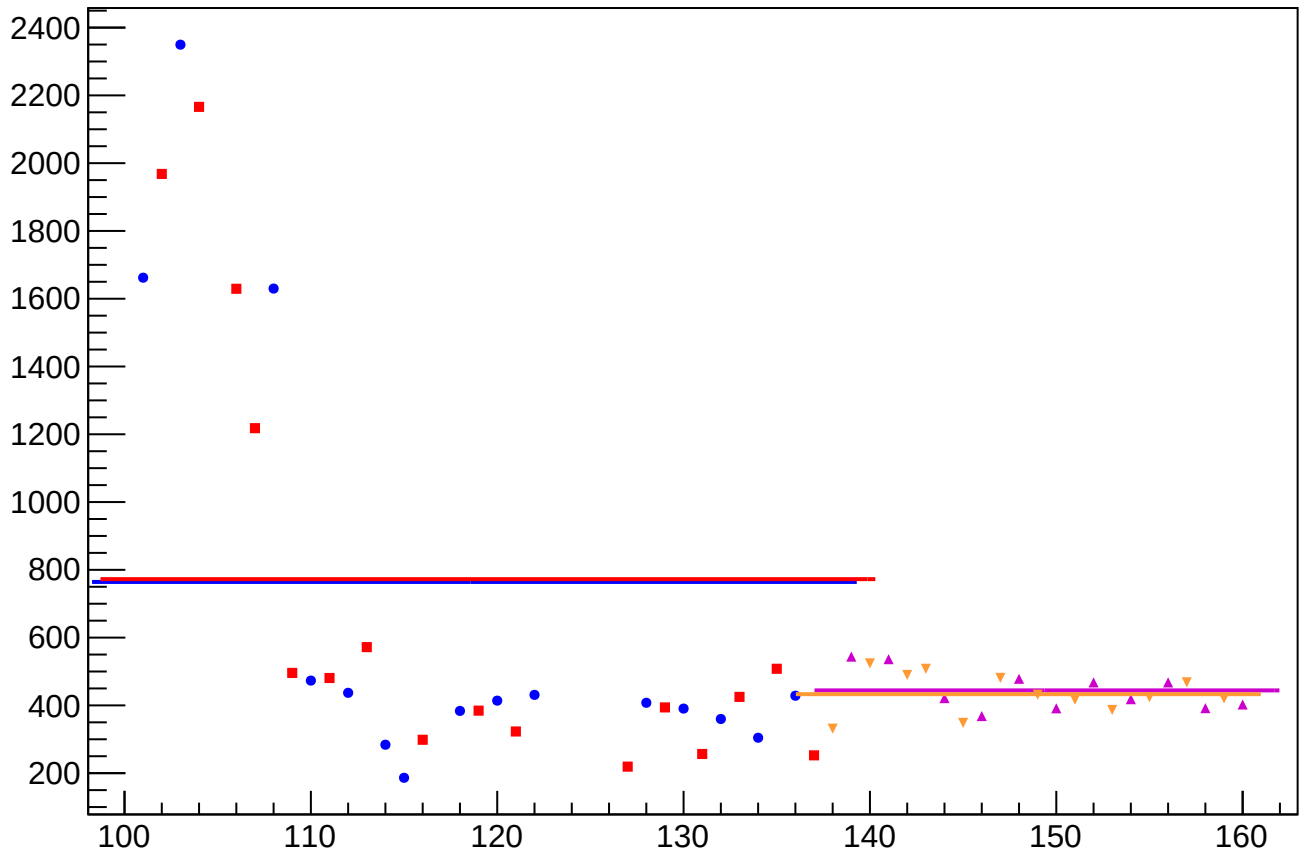
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000	χ^2/NDF : 8483360287053054122301651905797133697024.0/14	+ sign 14279.004+/-0.000	χ^2/NDF : 3768368481481
Left Out: 17405.049+/-0.000	χ^2/NDF : 7689801671099378791544545422175664865280.0/11	All: 14233.622+/-0.000	χ^2/NDF : 8022211512
Right Out: 8961.593+/-0.000	χ^2/NDF : 7583728644146461427304320888408335450112.0/15	- sign 14189.038+/-0.000	χ^2/NDF : 4253204880235
Left In: 17962.529+/-0.000	χ^2/NDF : 3564698291142811133043344688261317525504.0/10		

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284 $\pm$ 0.000 χ^2 /NDF: 290964758058269480005067205020030599168.0/14

Left Out: 433.079 $\pm$ 0.000 χ^2 /NDF: 3070370524438239159273190119476035584.0/11

Right Out: 772.547 $\pm$ 0.000 χ^2 /NDF: 285902138904642401278625587631891677184.0/15

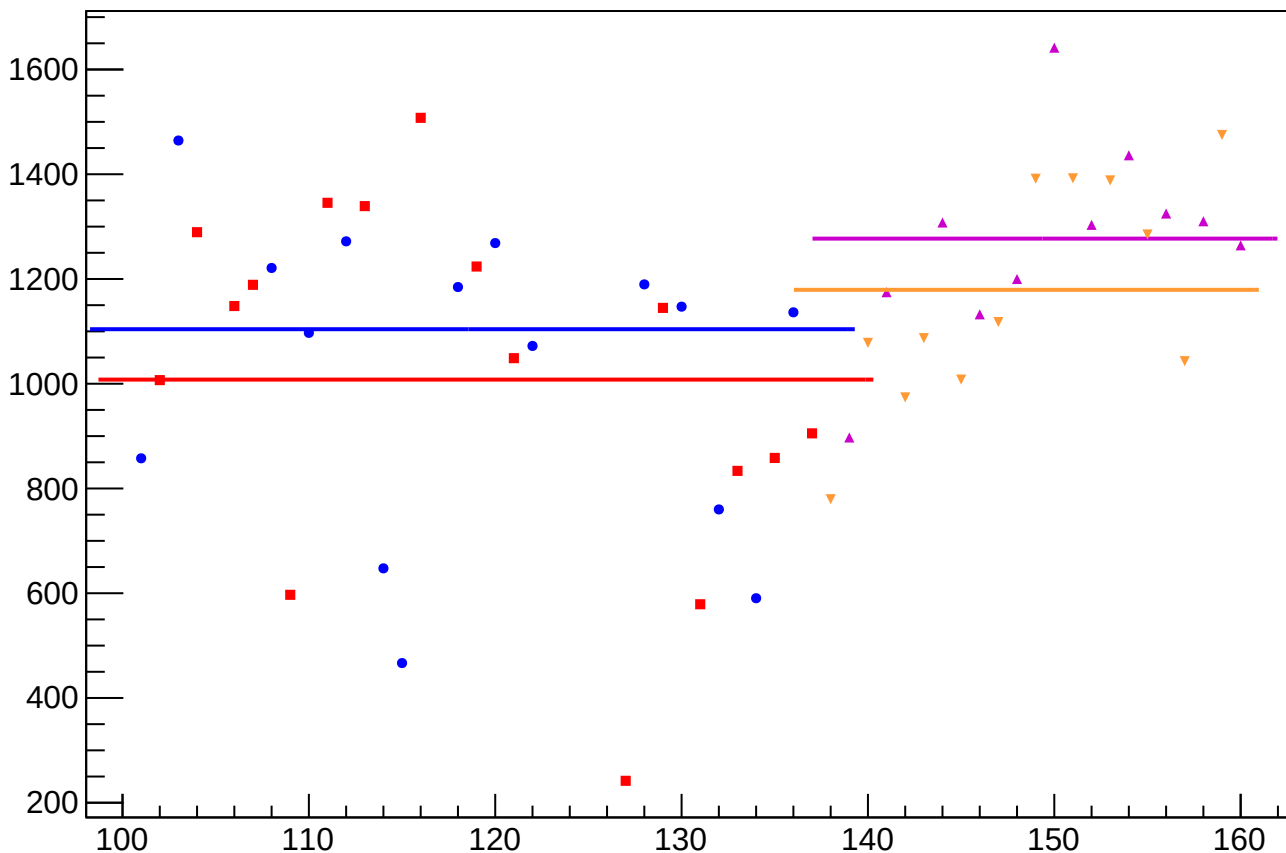
Left In: 444.245 $\pm$ 0.000 χ^2 /NDF: 2906625839452991270105053894151241728.0/10

+ sign 570.604 $\pm$ 0.000 χ^2 /NDF: 335667061264854

All: 576.292 $\pm$ 0.000 χ^2 /NDF: 666328037619

- sign 581.880 $\pm$ 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

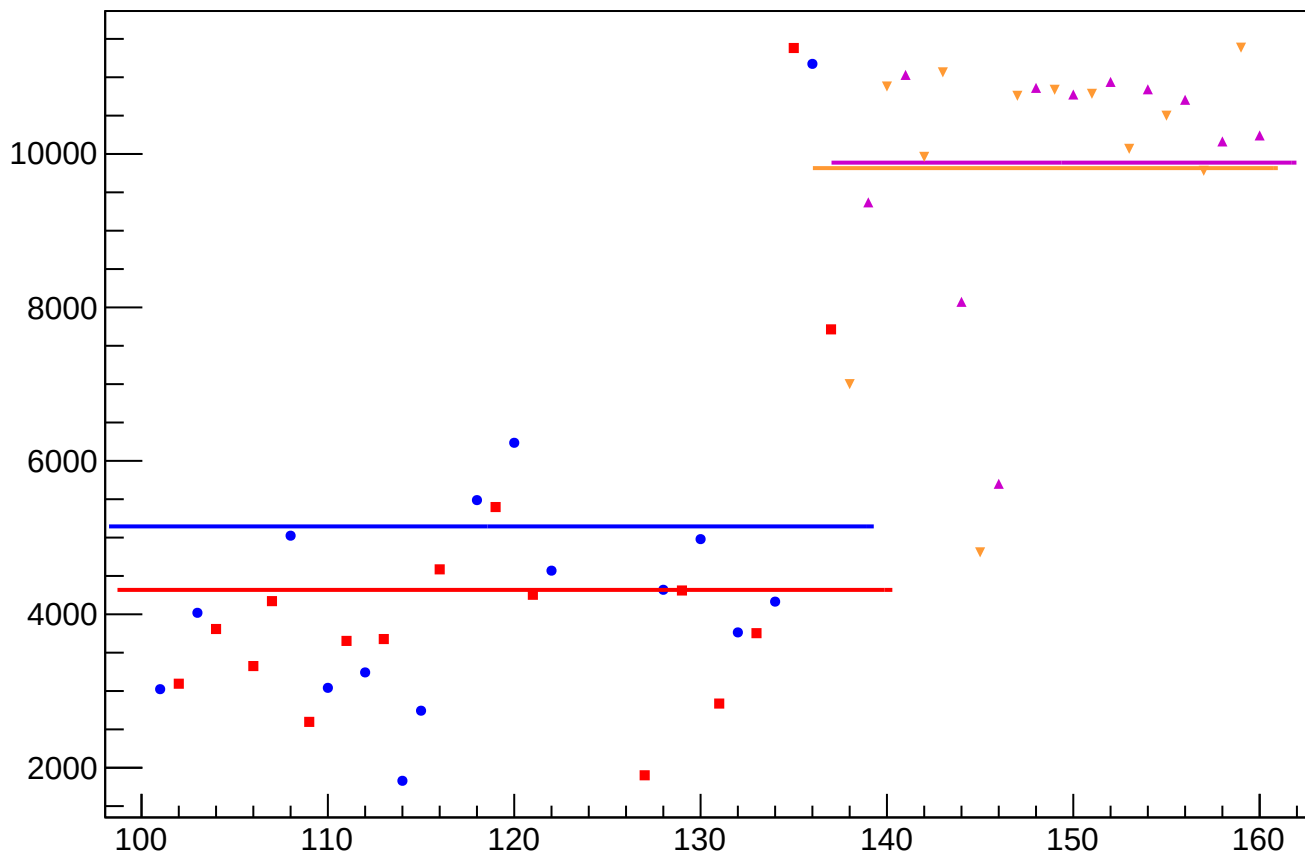
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

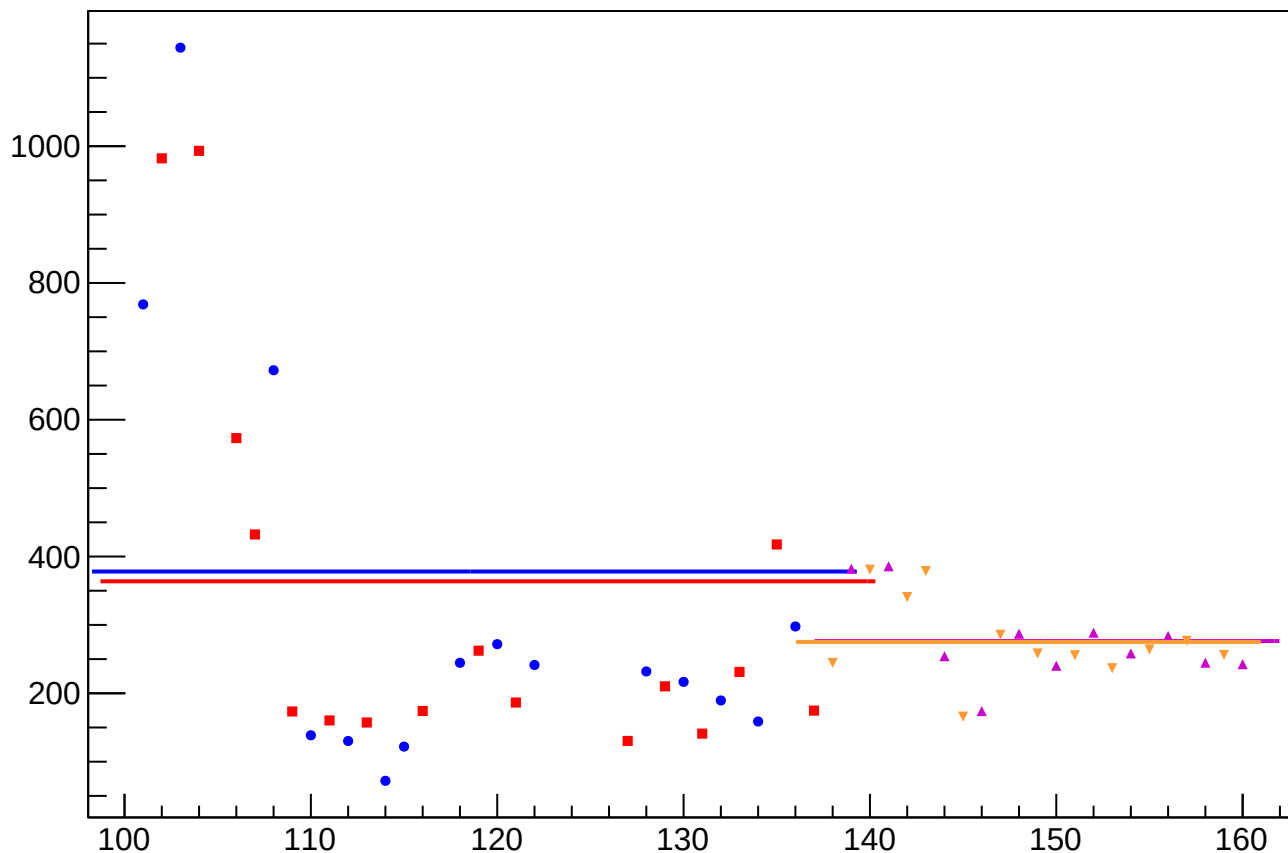
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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

Left Out: 275.181+/-0.000 χ^2/NDF : 3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

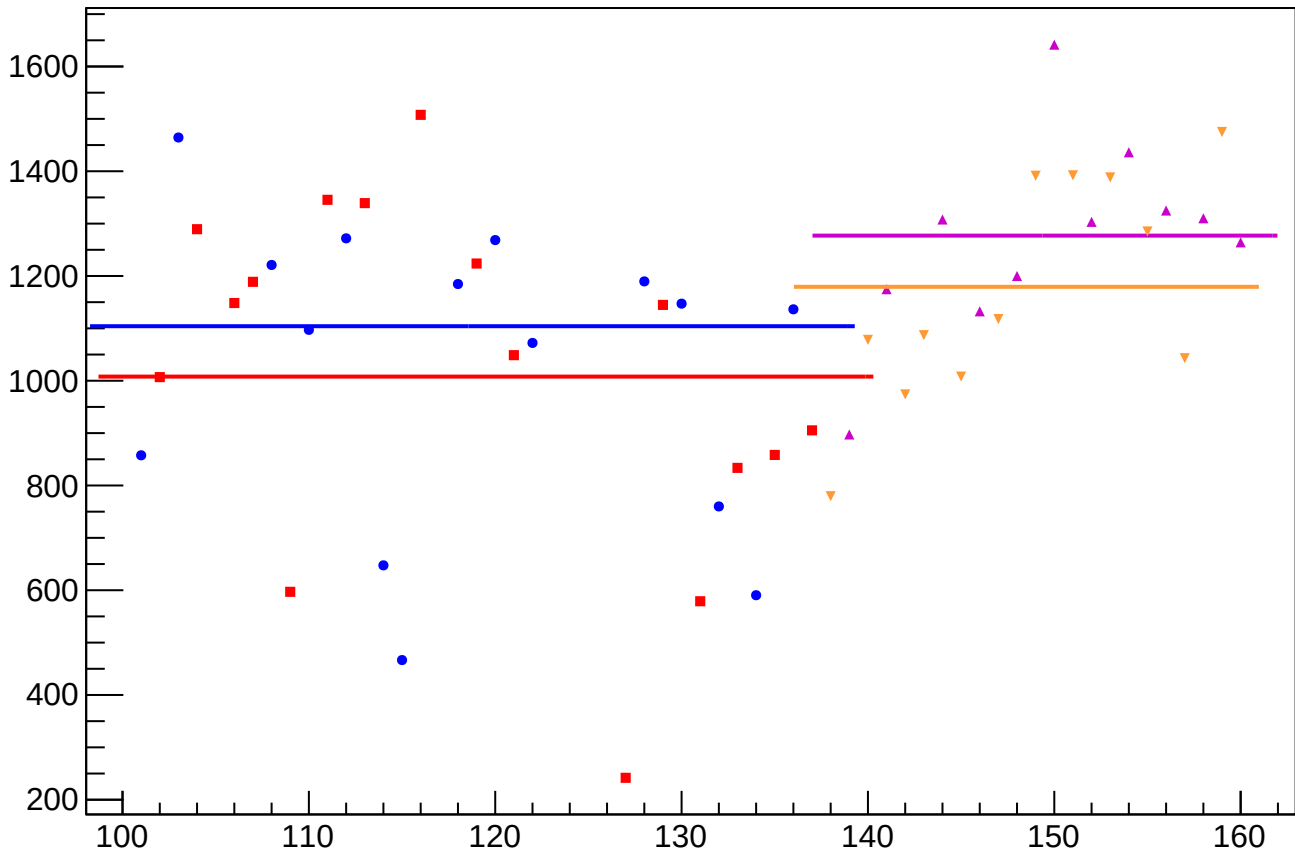
Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

+ sign 317.896+/-0.000 χ^2/NDF : 685967694208858

All: 315.450+/-0.000 χ^2/NDF : 133778300115

- sign 313.047+/-0.000 χ^2/NDF : 651629892548713

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

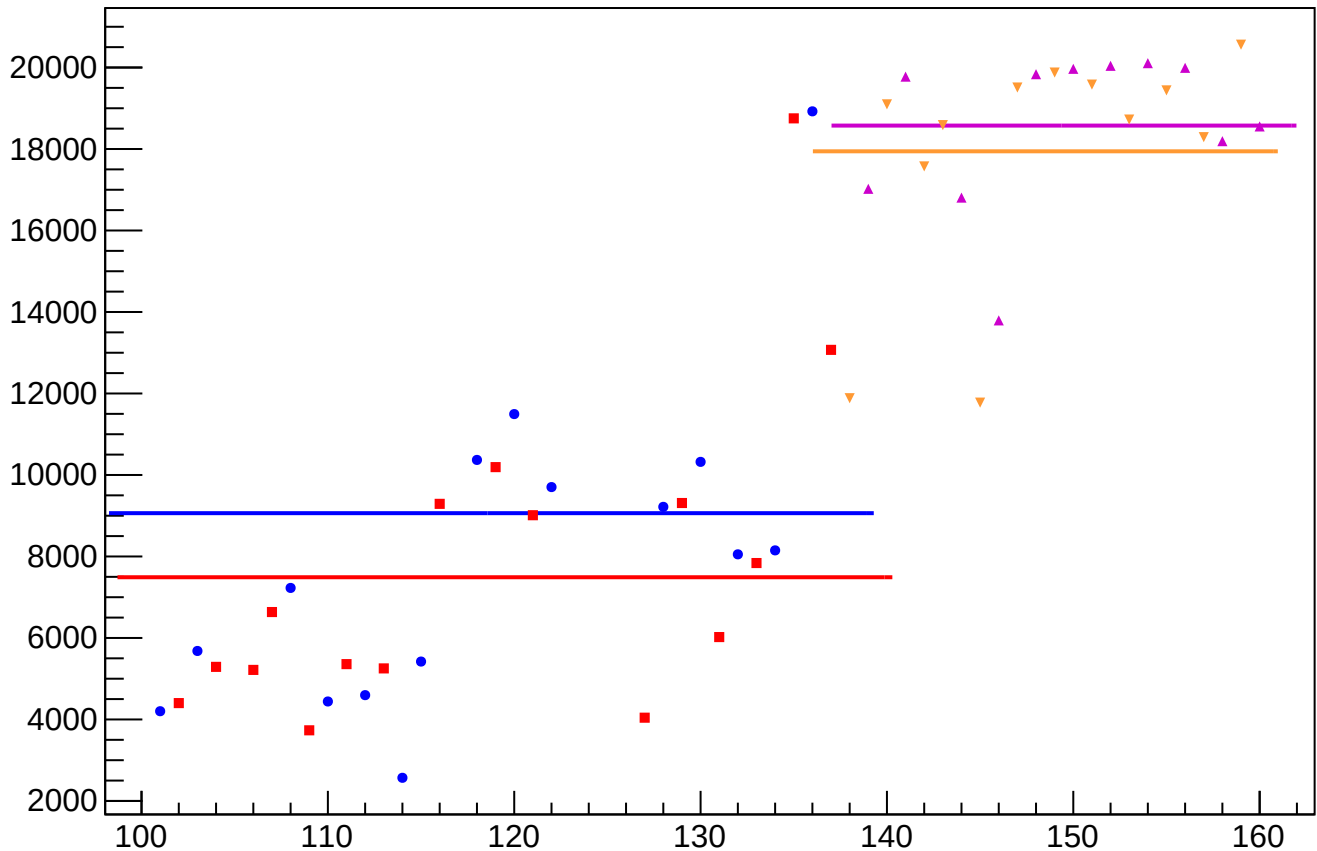
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

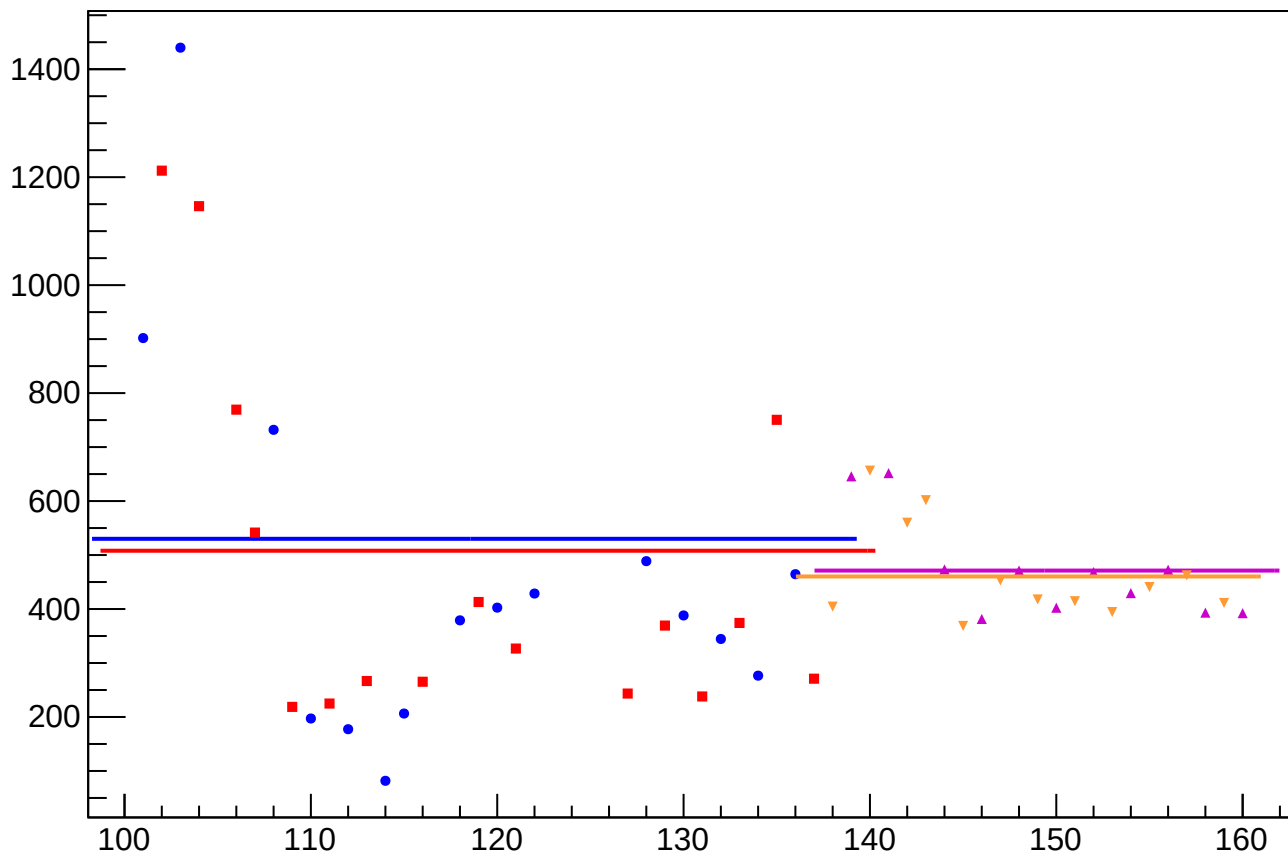
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 460.312+/-0.000 χ^2/NDF : 6754606428371283053517529701630869504.0/11

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

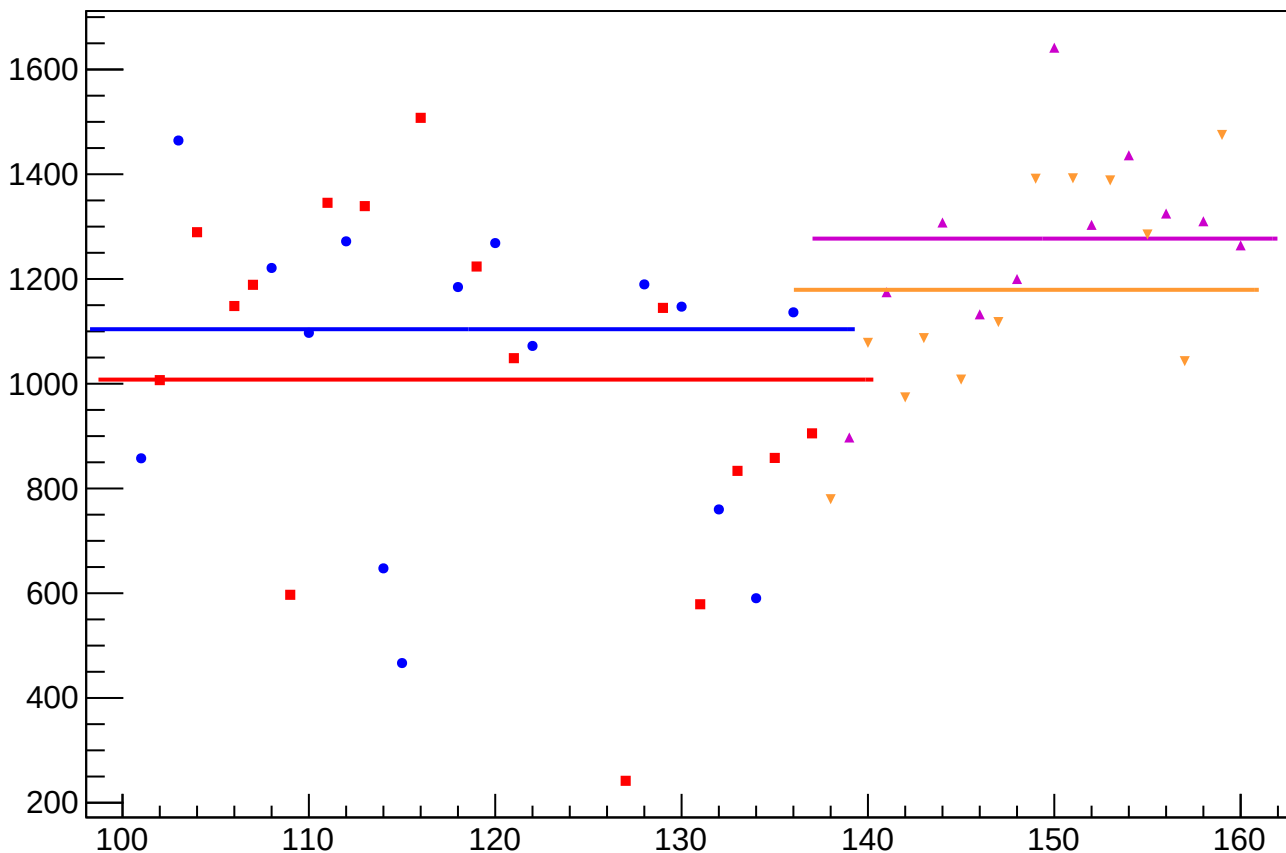
Left In: 471.219+/-0.000 χ^2/NDF : 744597321916033625746772011051745280.0/10

All: 487.941+/-0.000 χ^2/NDF : 172020251630869504.0/11

+ sign 489.272+/-0.000 χ^2/NDF : 873553872862030

- sign 486.633+/-0.000 χ^2/NDF : 846593738129805

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

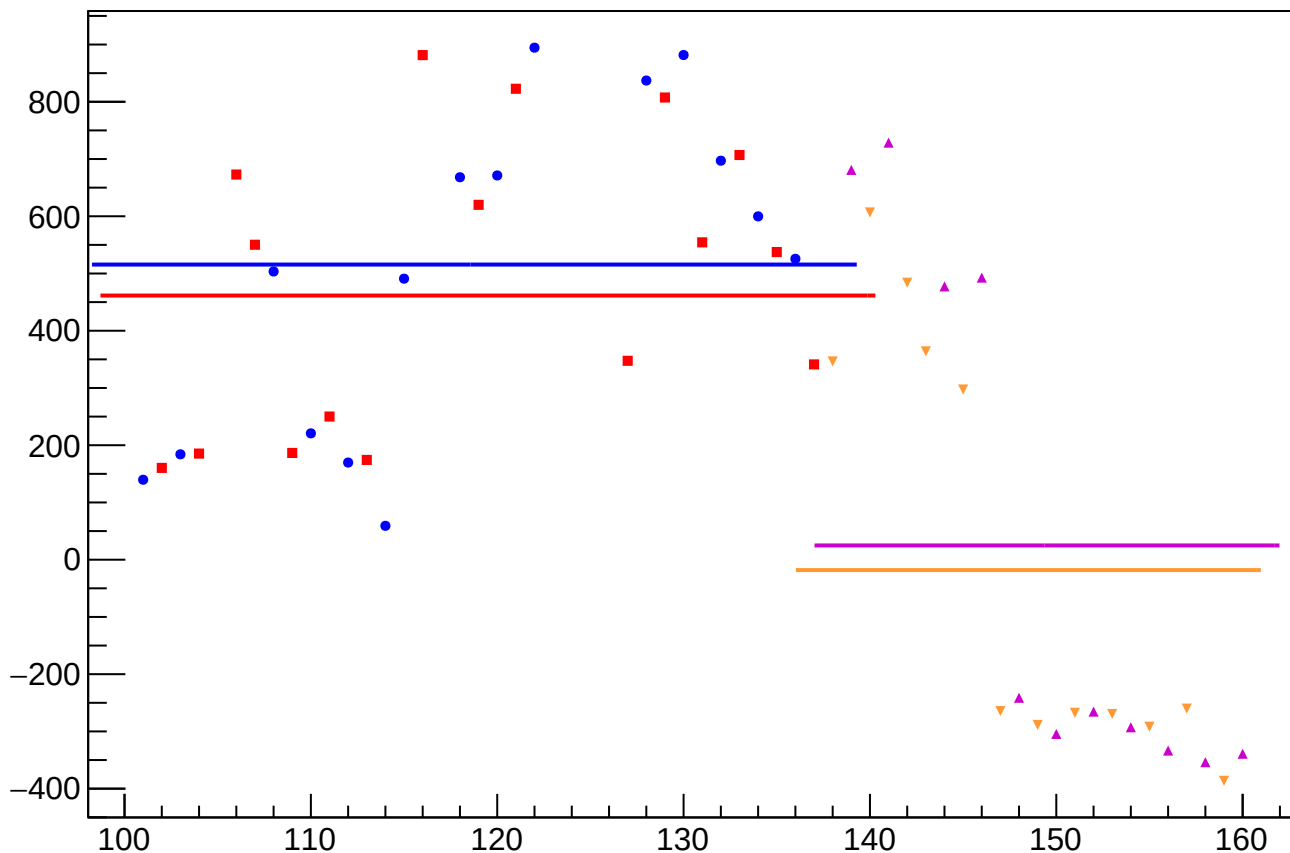
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

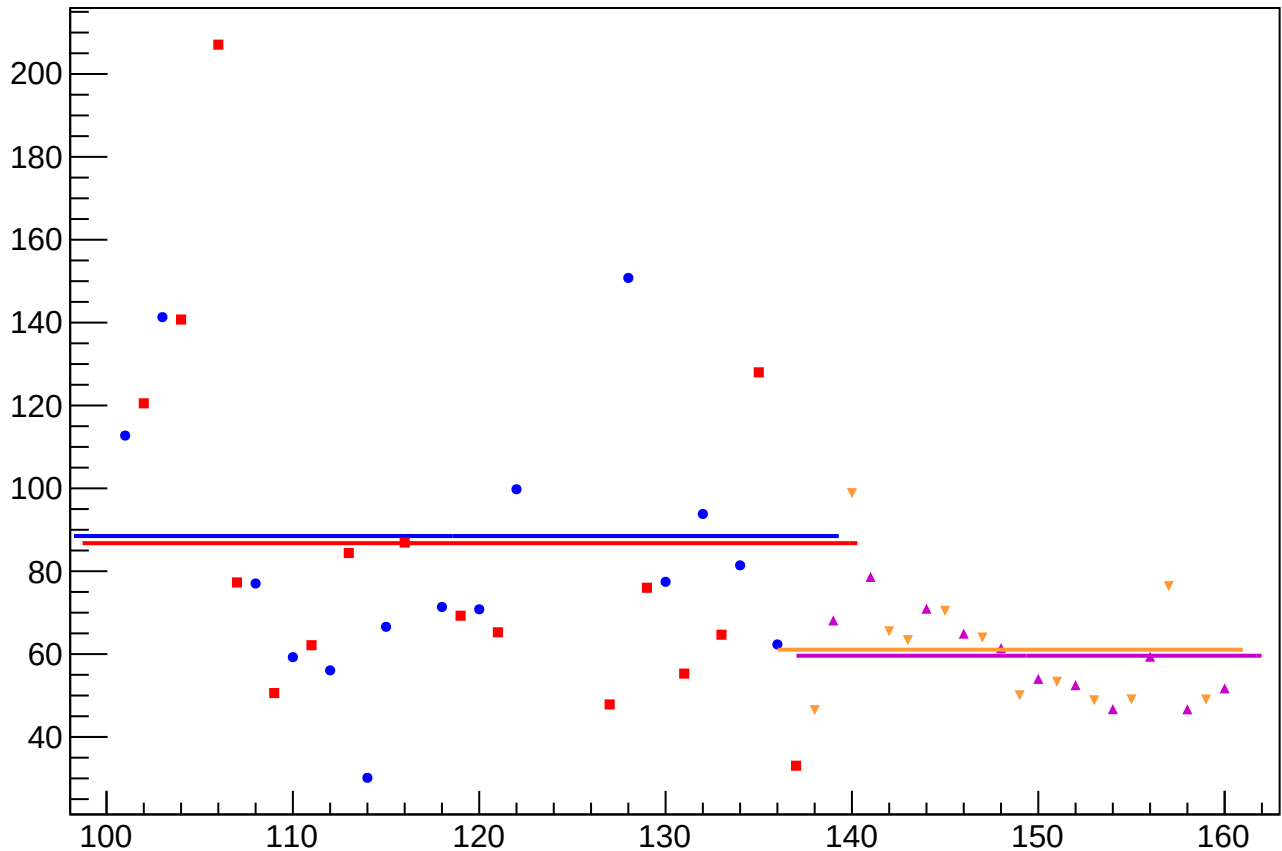
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

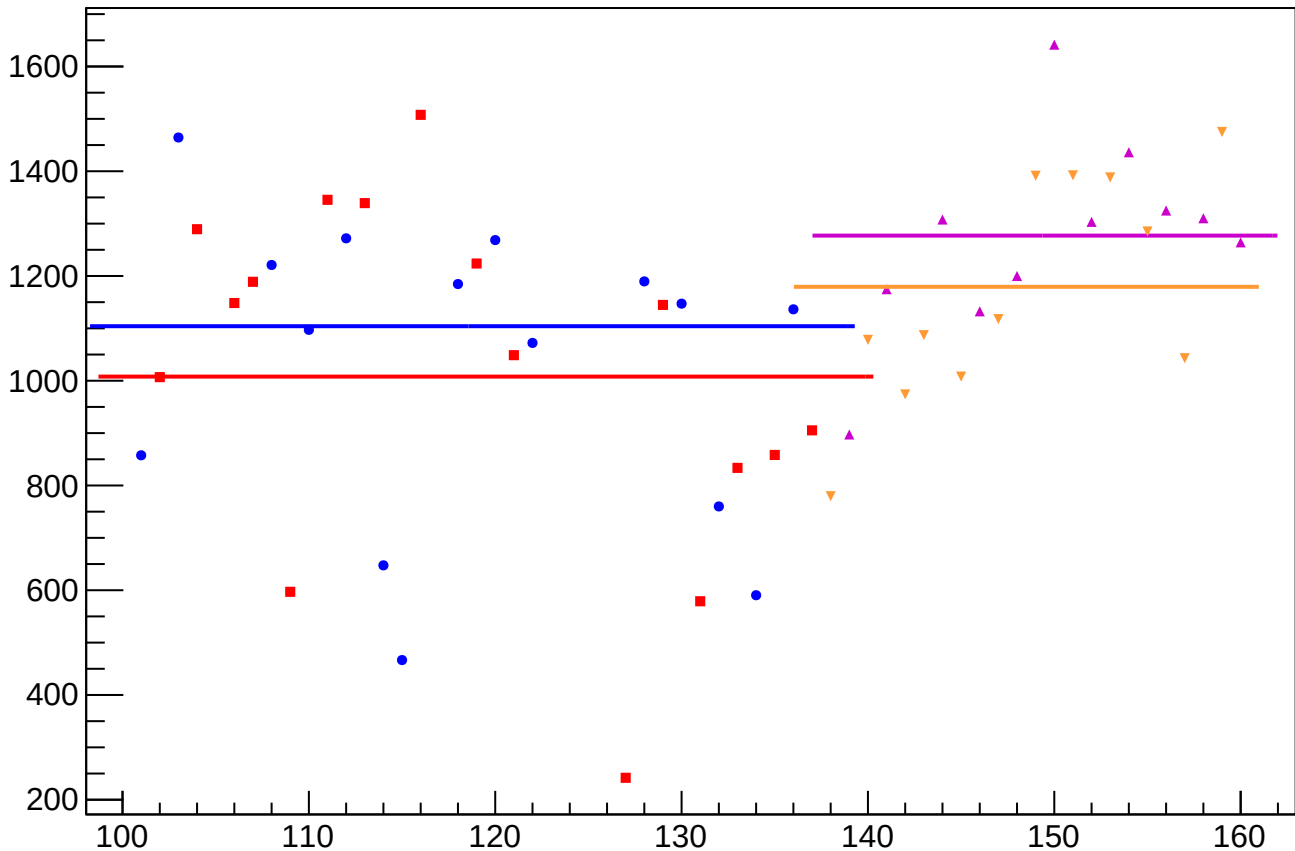
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000	χ^2/NDF : 643231155193035512625817963208900608.0/14	+ sign 72.455+/-0.000	χ^2/NDF : 1140205339739572
Left Out: 61.067+/-0.000	χ^2/NDF : 211507080213048507647331077961285632.0/11	All: 71.718+/-0.000	χ^2/NDF : 2577899671839
Right Out: 86.773+/-0.000	χ^2/NDF : 1059206766314086021240525003228708864.0/15	- sign 70.994+/-0.000	χ^2/NDF : 1436012461961461
Left In: 59.604+/-0.000	χ^2/NDF : 90862625181985664375323463168032768.0/10		

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

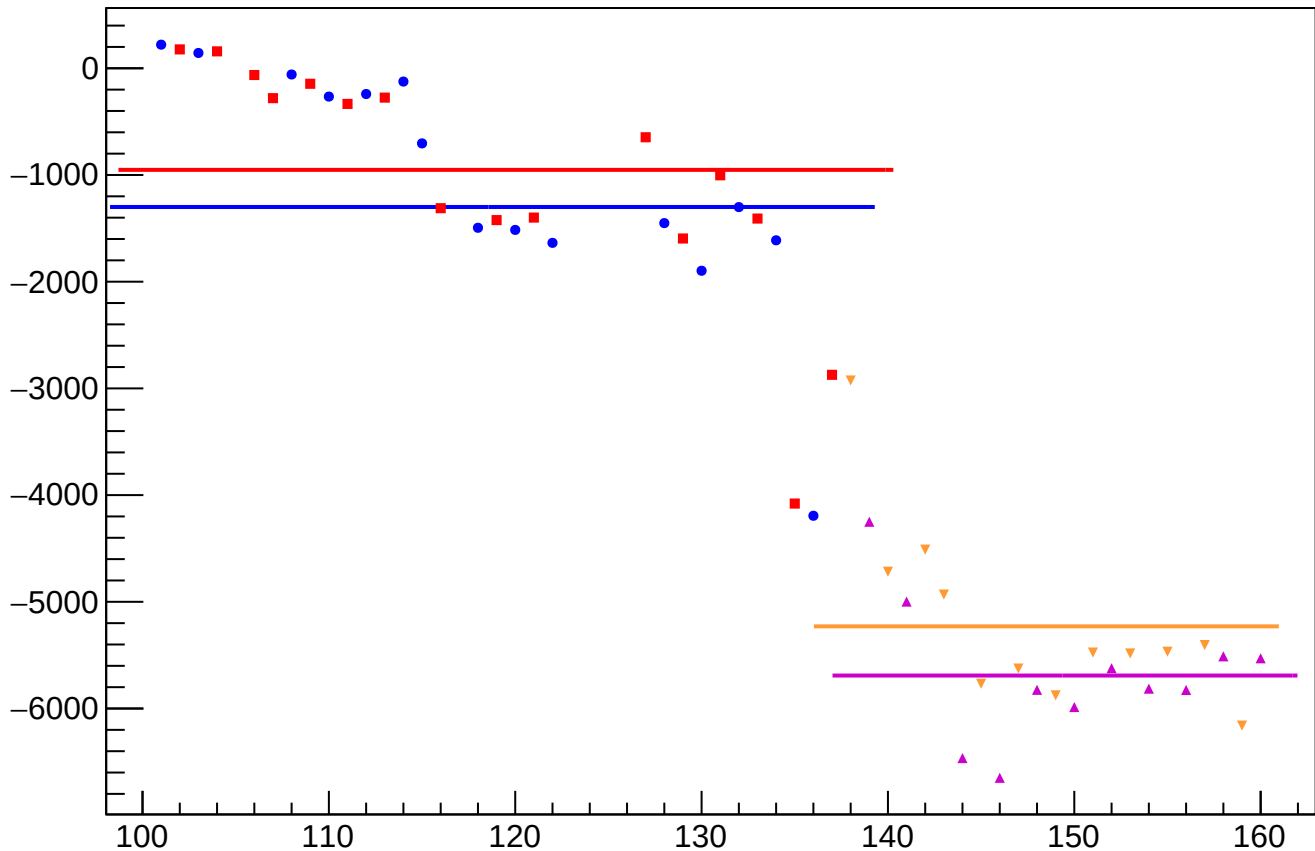
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

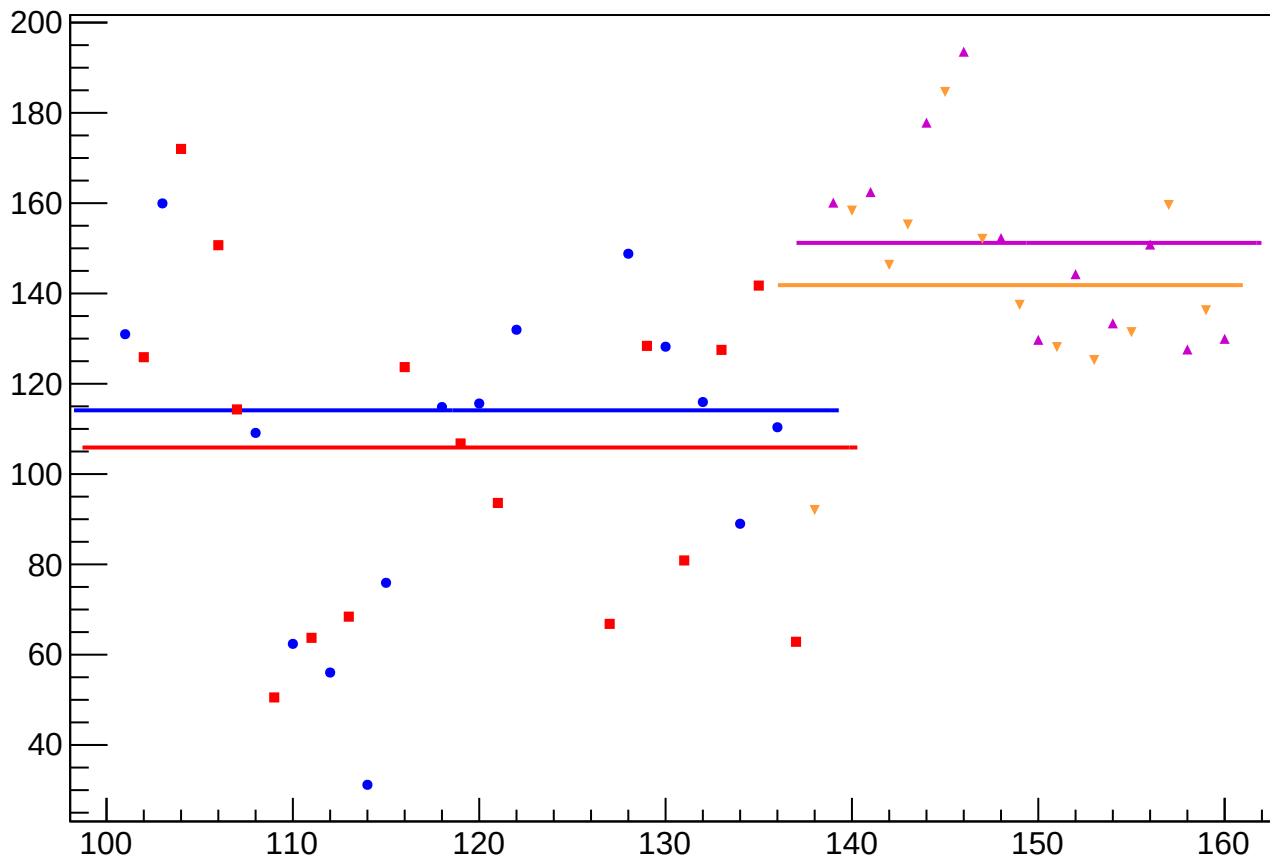
dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5230.164+/-0.000	χ^2/NDF : 621337546754048275745011650527081005056.0/11
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5690.941+/-0.000	χ^2/NDF : 355774620722948866968040460749891436544.0/10

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426
 All: -3651.666+/-0.000 χ^2/NDF : 1758908860
 - sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

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

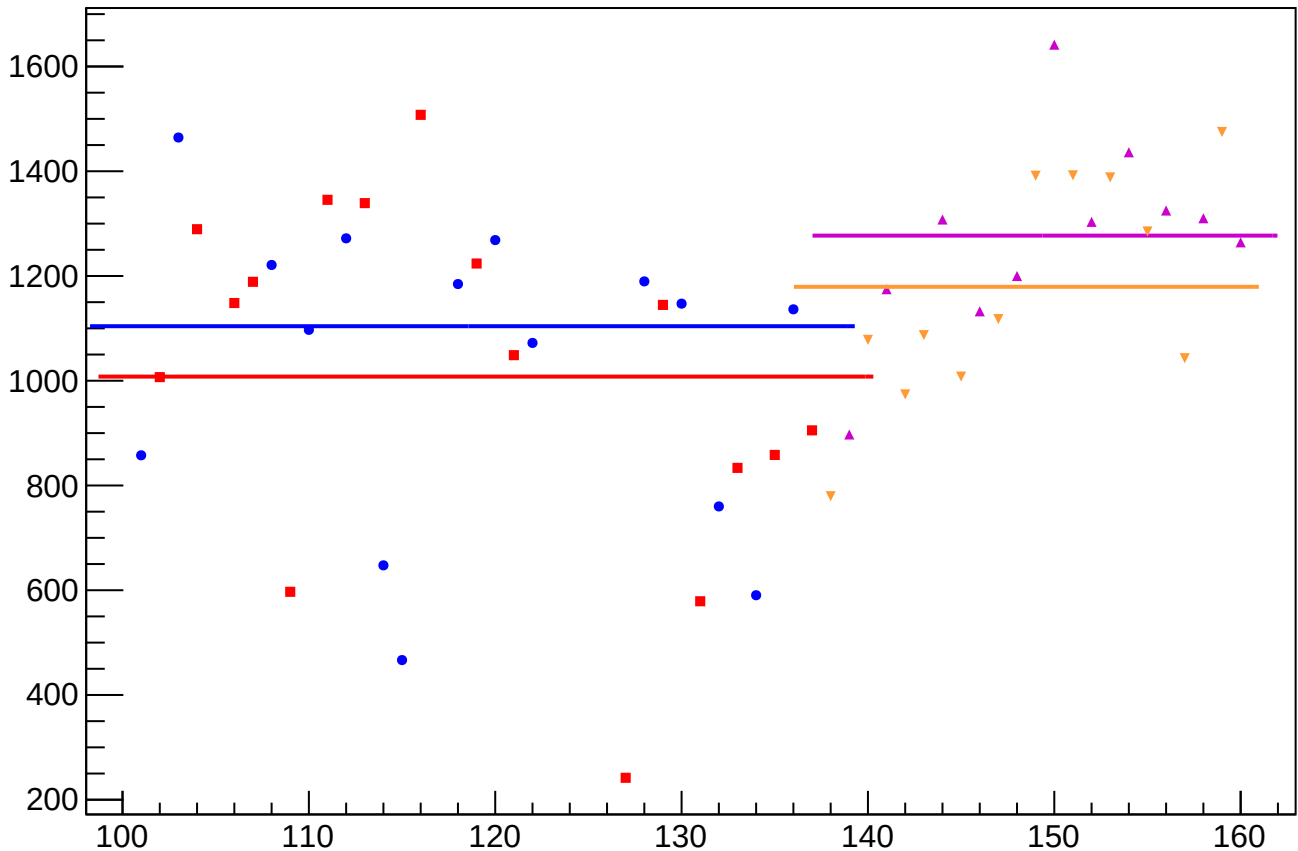
Left In: 151.203+/-0.000 χ^2/NDF : 382227652604999337577431549784096768.0/10

+ 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

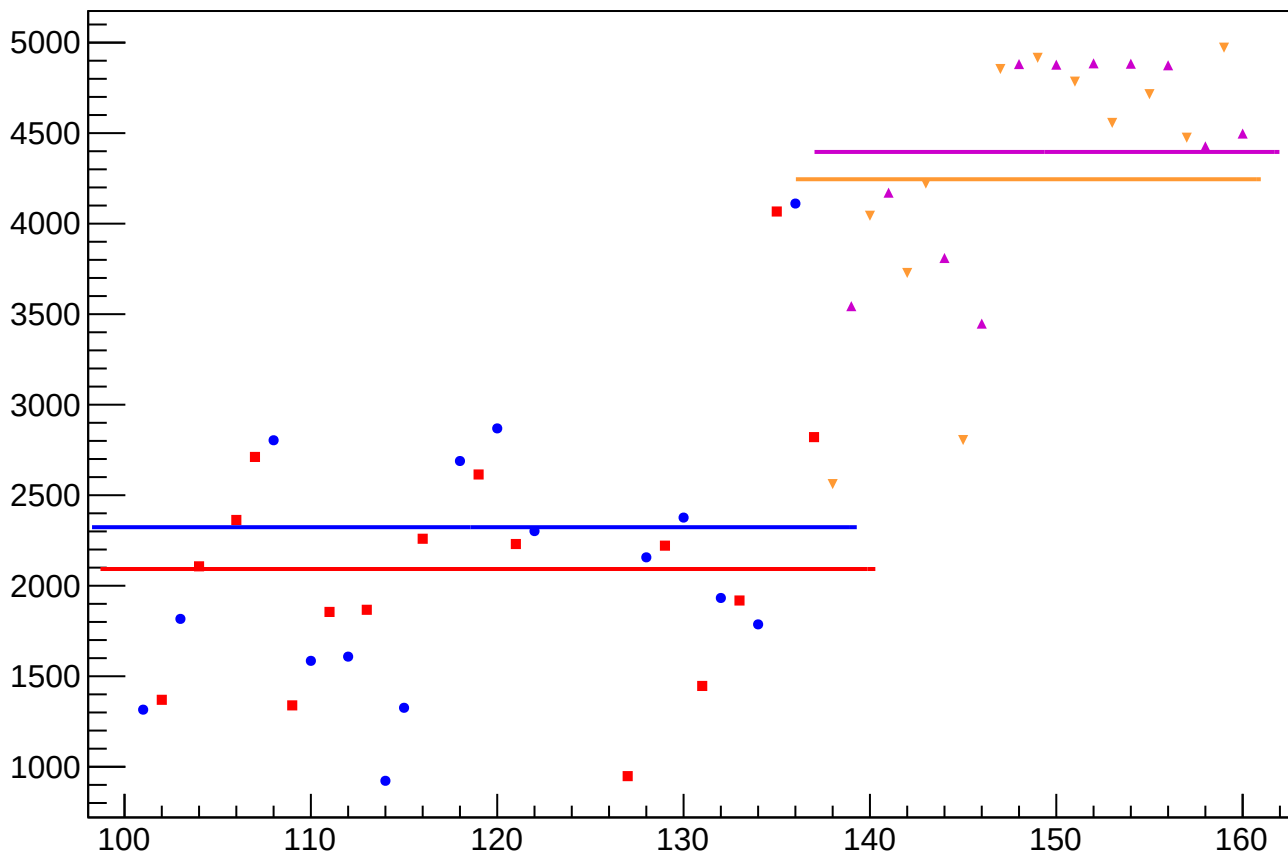
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

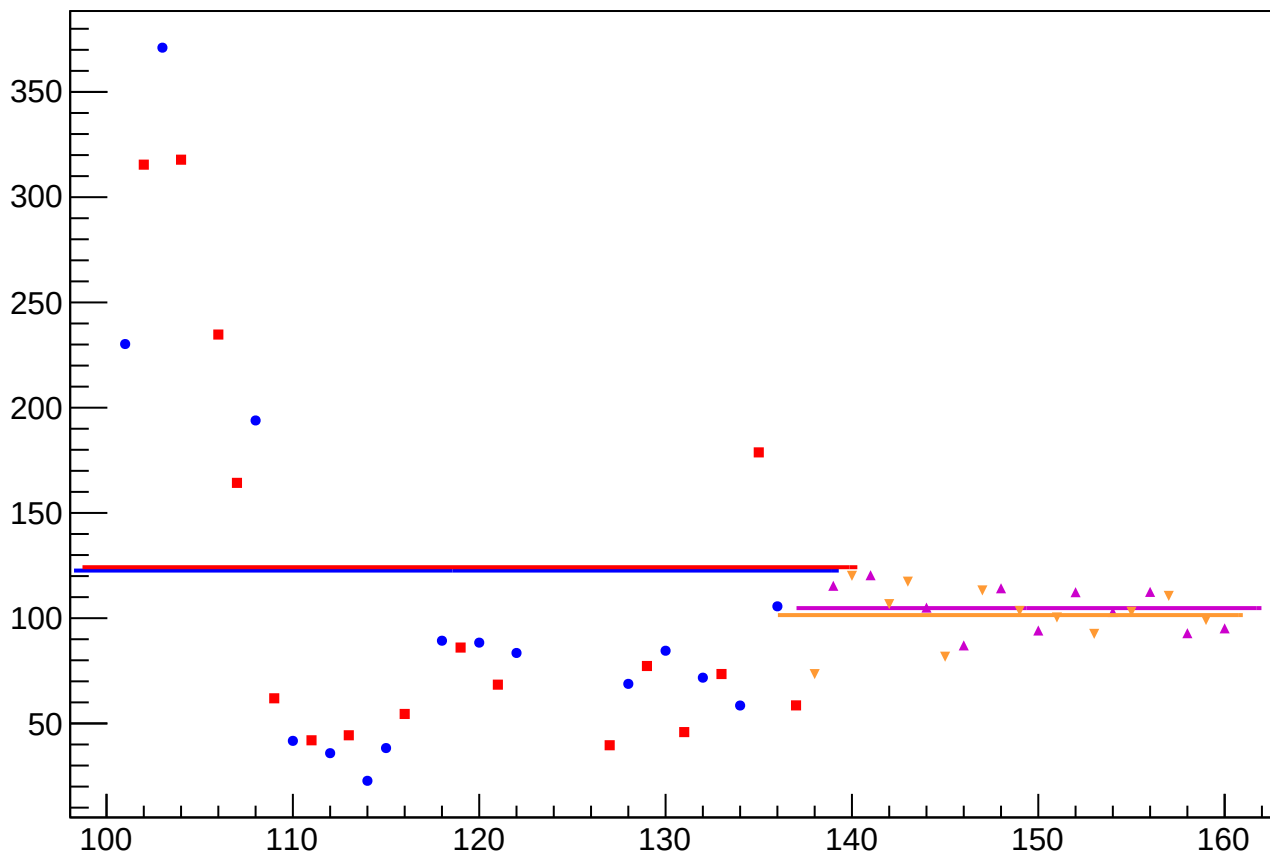
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



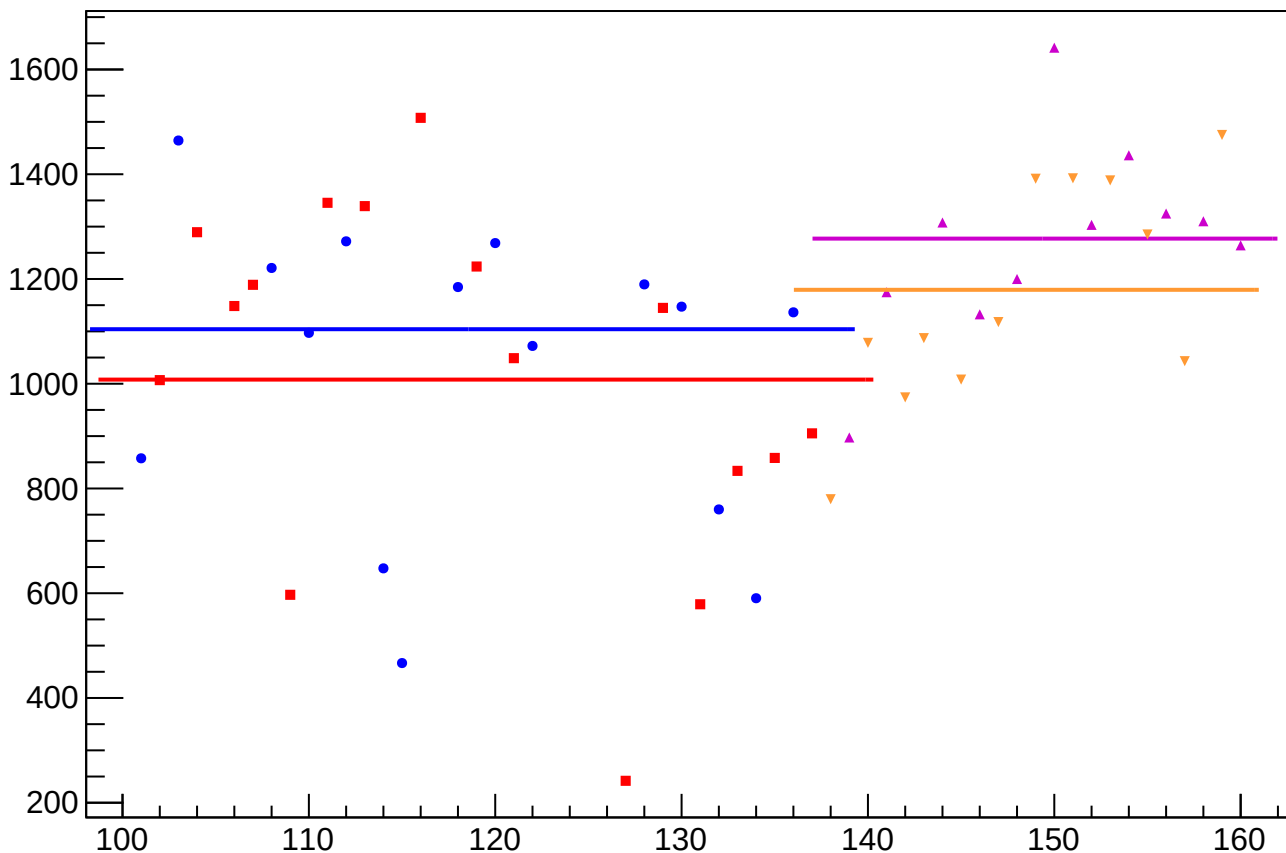
Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- 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	+ sign 110.253+/-0.000	χ^2/NDF : 627090967671002
Left Out: 101.470+/-0.000	χ^2/NDF : 163606586609215515174601139620413440.0/11	All: 111.604+/-0.000	χ^2/NDF : 130744524723
Right Out: 124.216+/-0.000	χ^2/NDF : 6549627589629012958791202941129719808.0/15	- sign 112.932+/-0.000	χ^2/NDF : 679788337218710
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

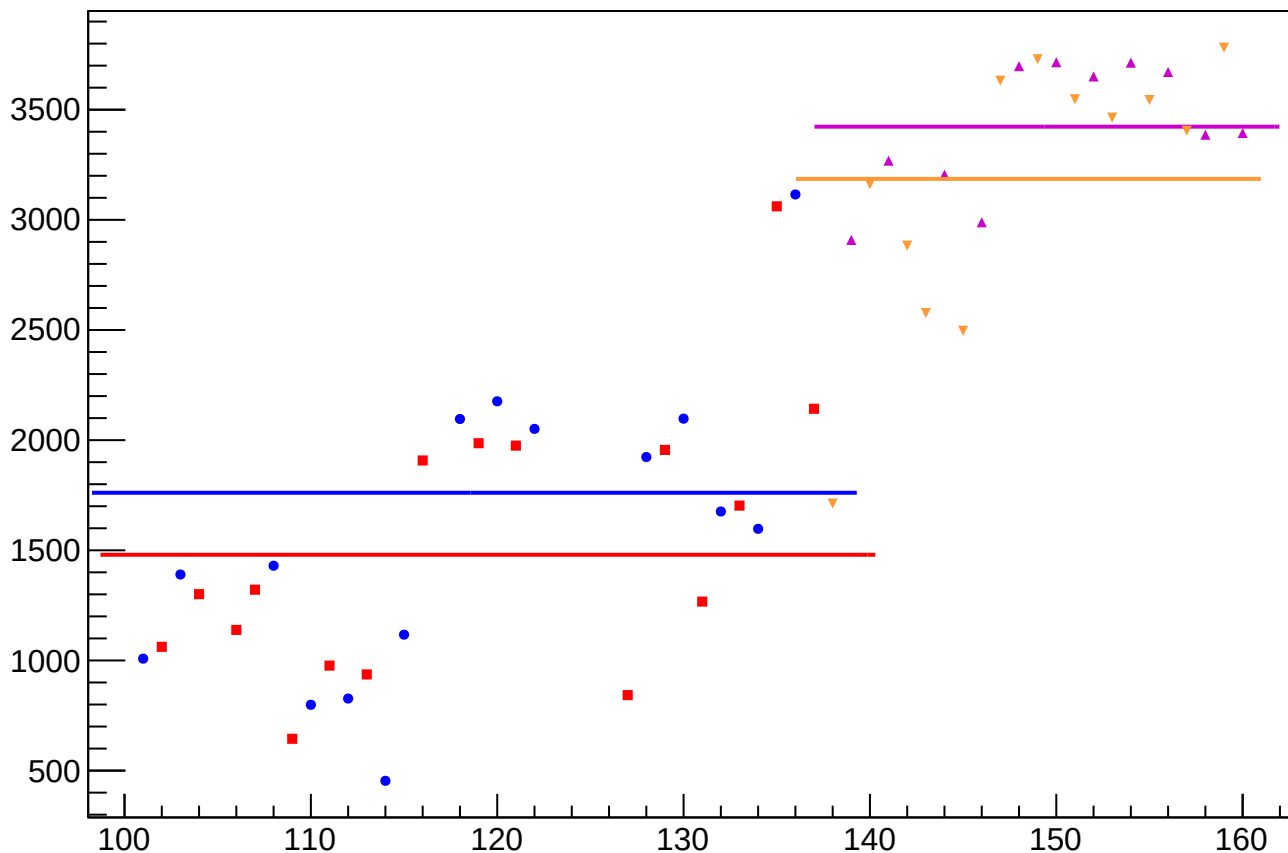
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

+ sign 2594.359+/-0.000 χ^2/NDF : 14374646884324

Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

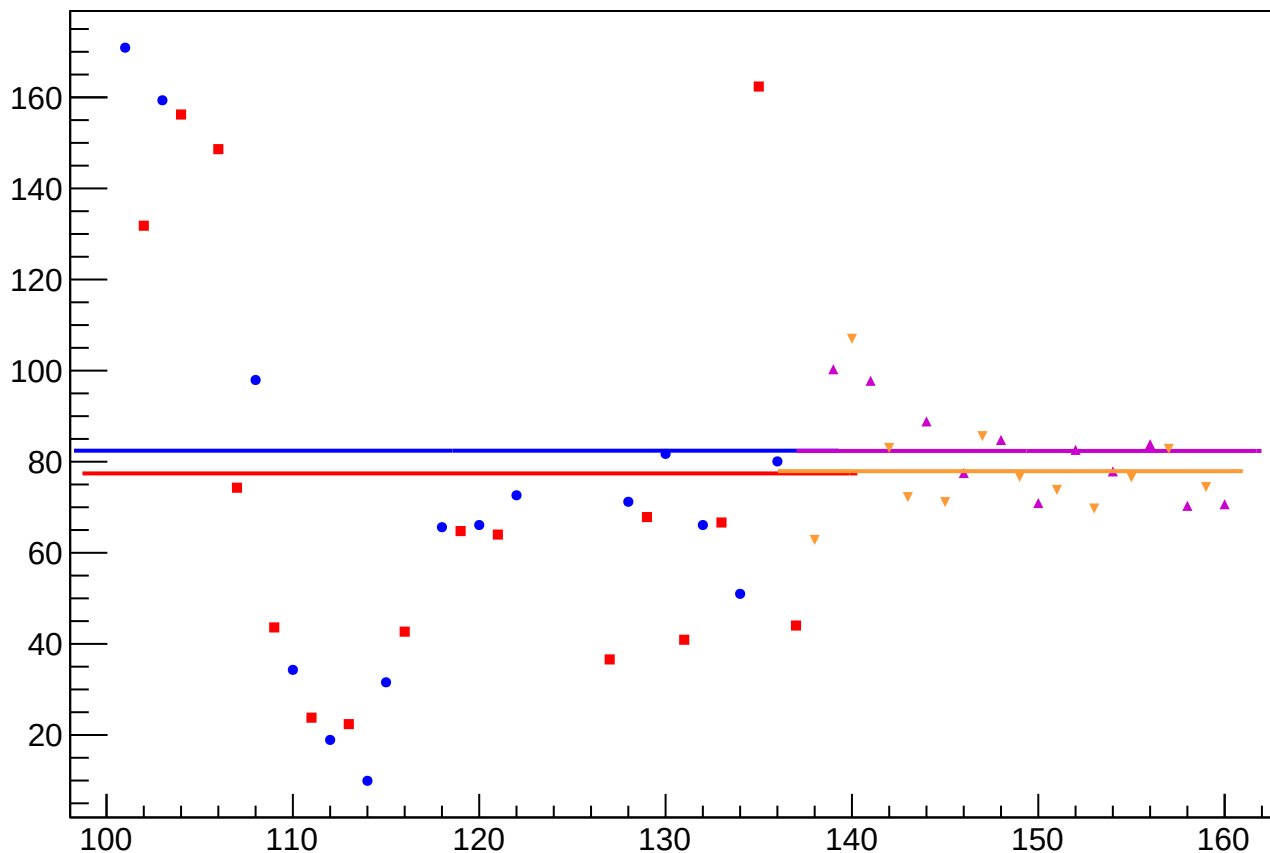
All: 2601.420+/-0.000 χ^2/NDF : 32383742993

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

- sign 2608.357+/-0.000 χ^2/NDF : 18007551336700

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

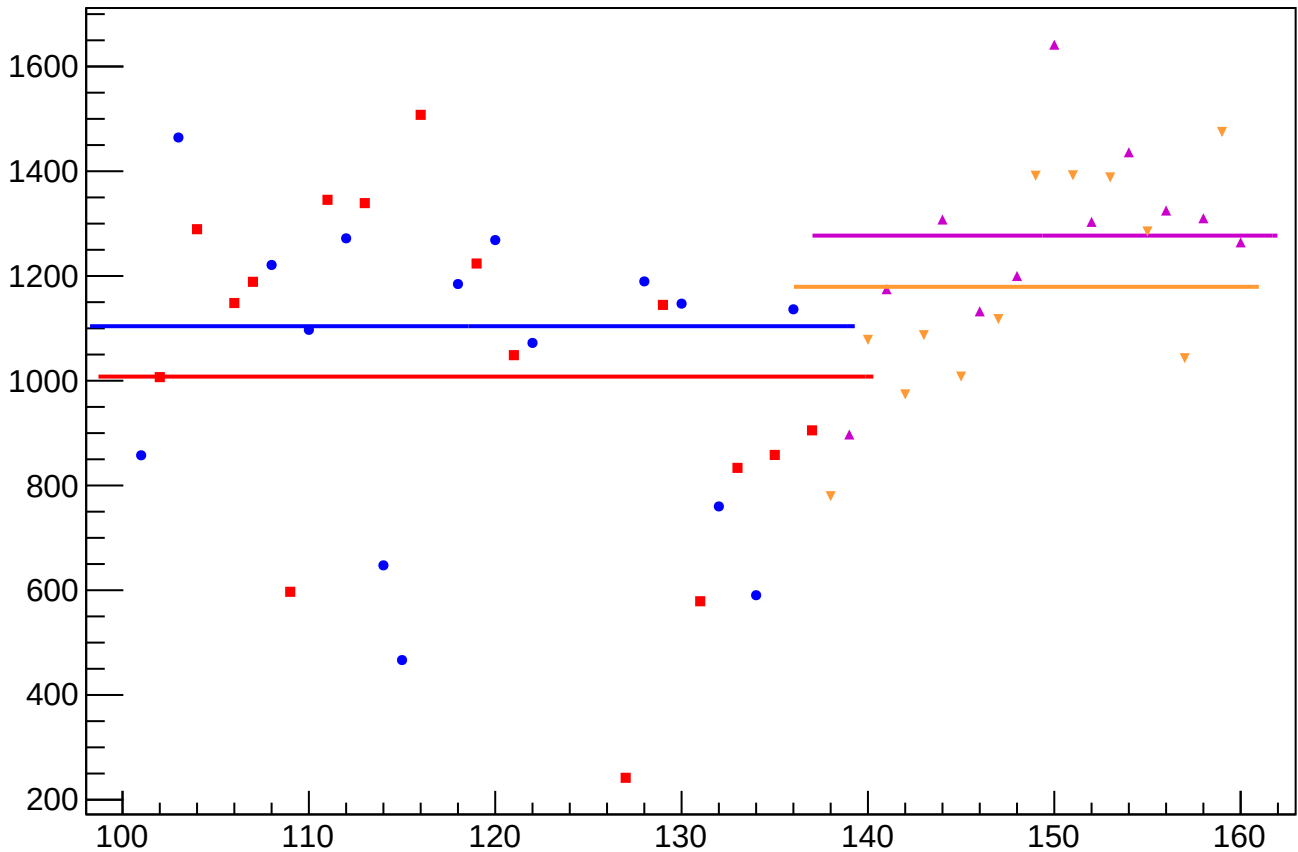
Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

+ 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

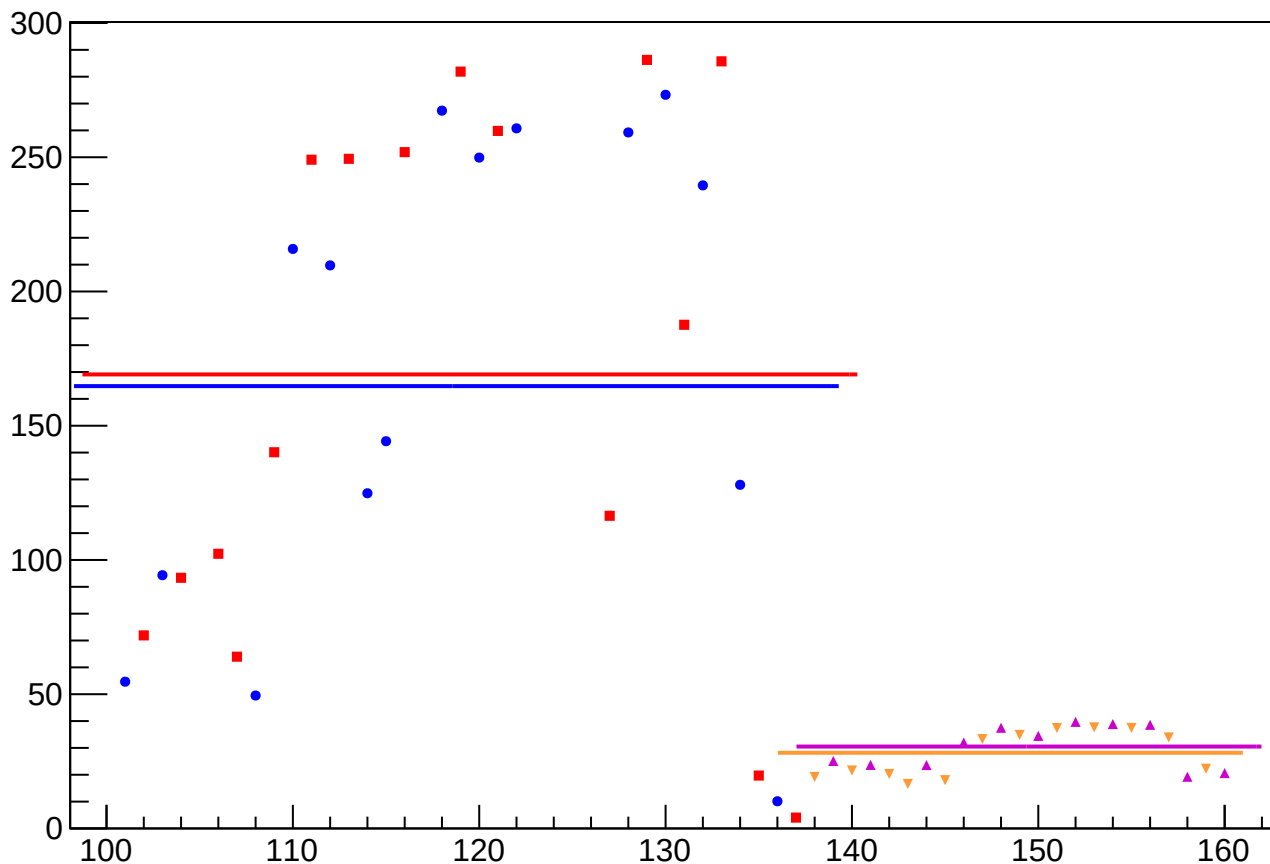
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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



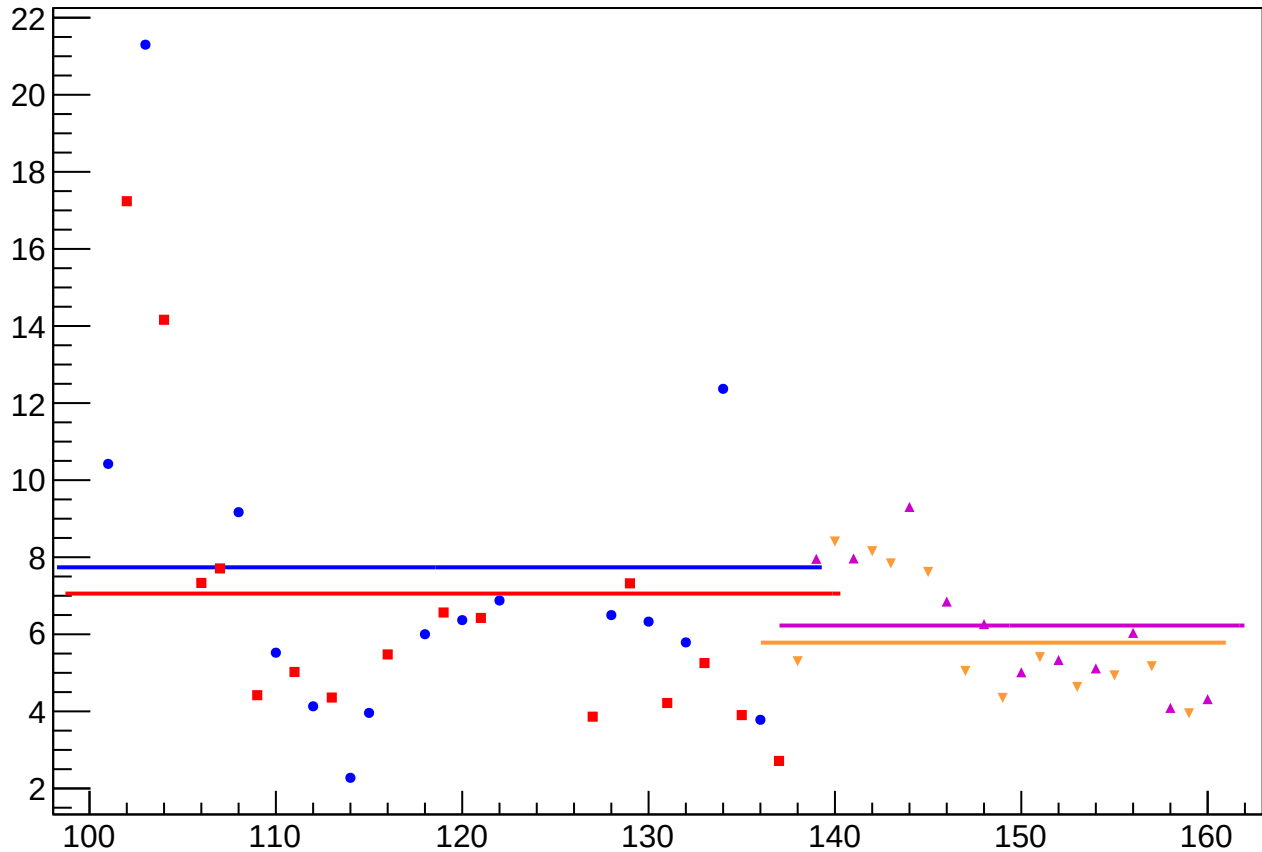
Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 28.192+/-0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 30.507+/-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

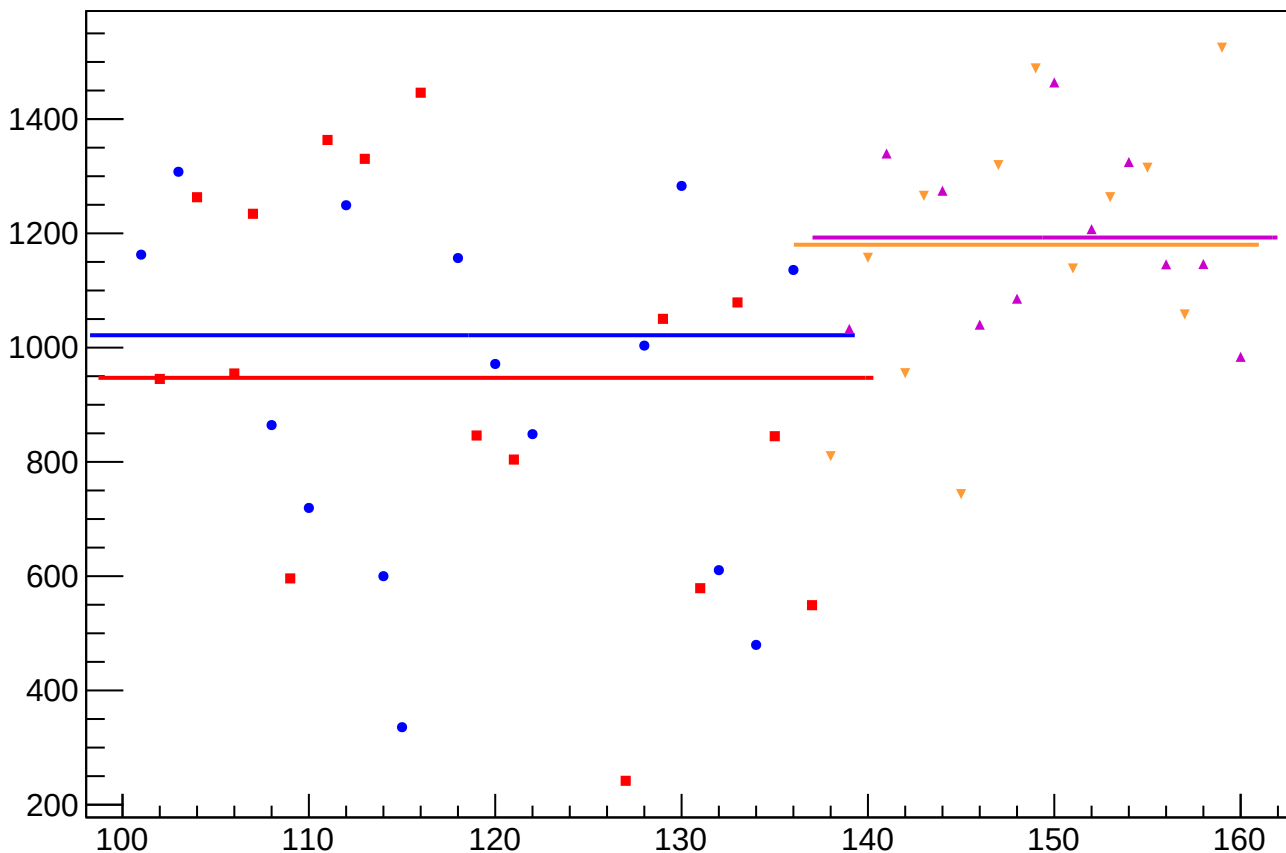
Left In: 6.228 ± 0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

+ 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

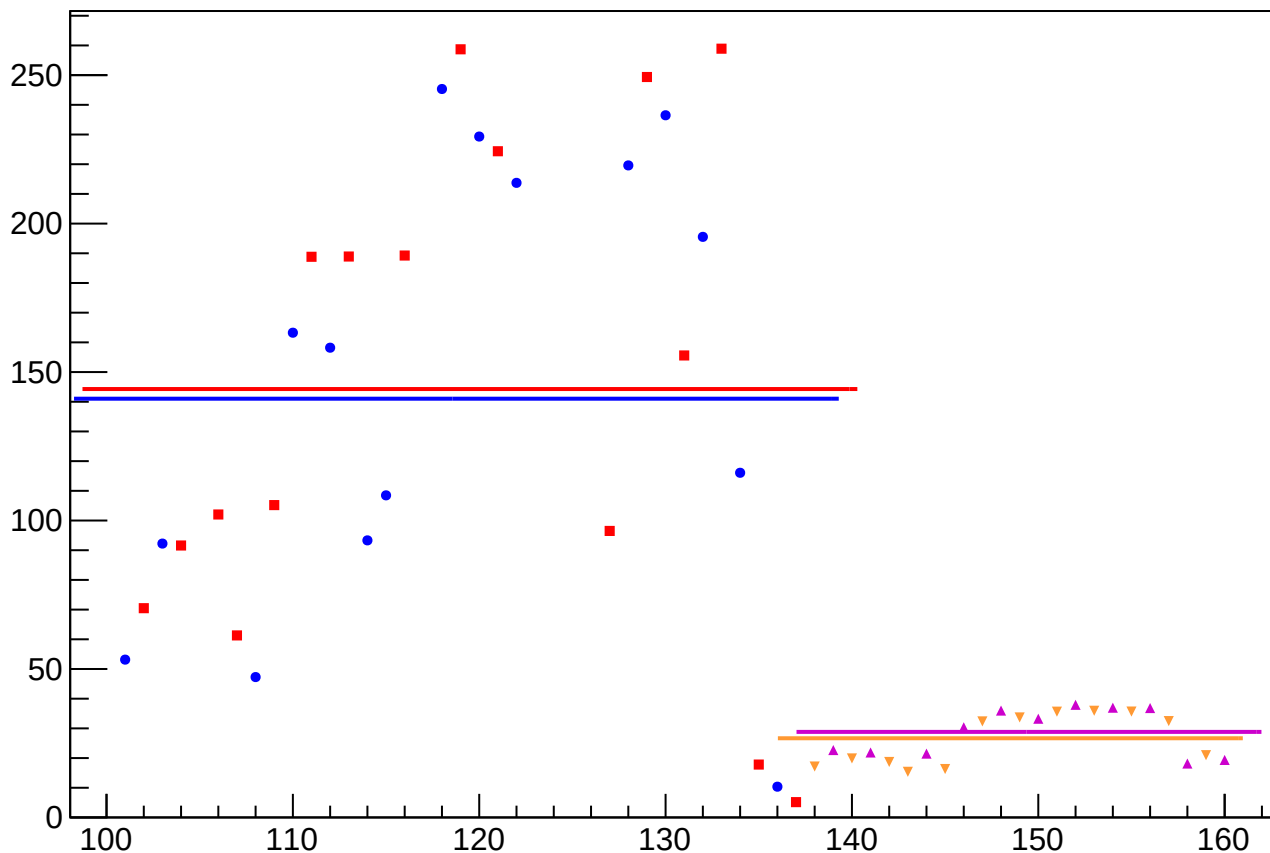
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

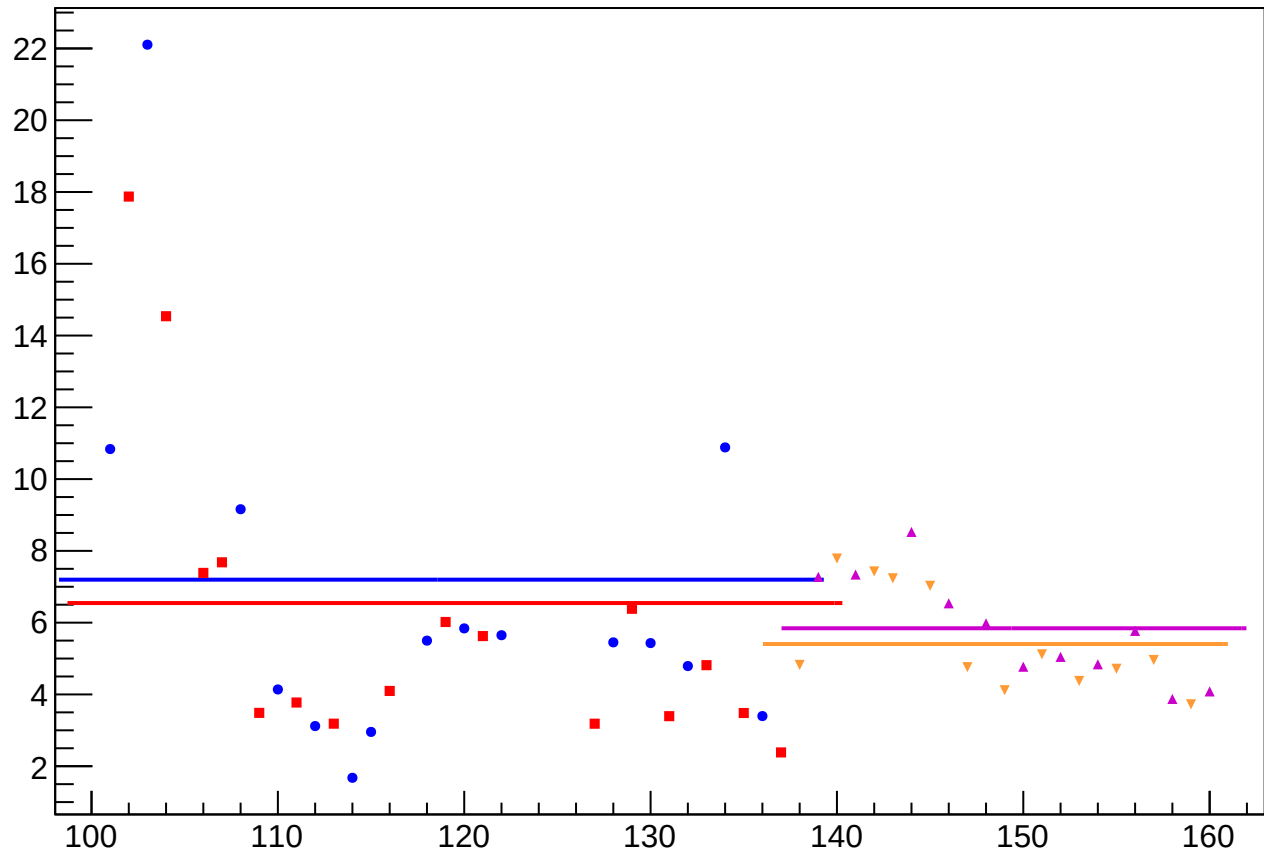
Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

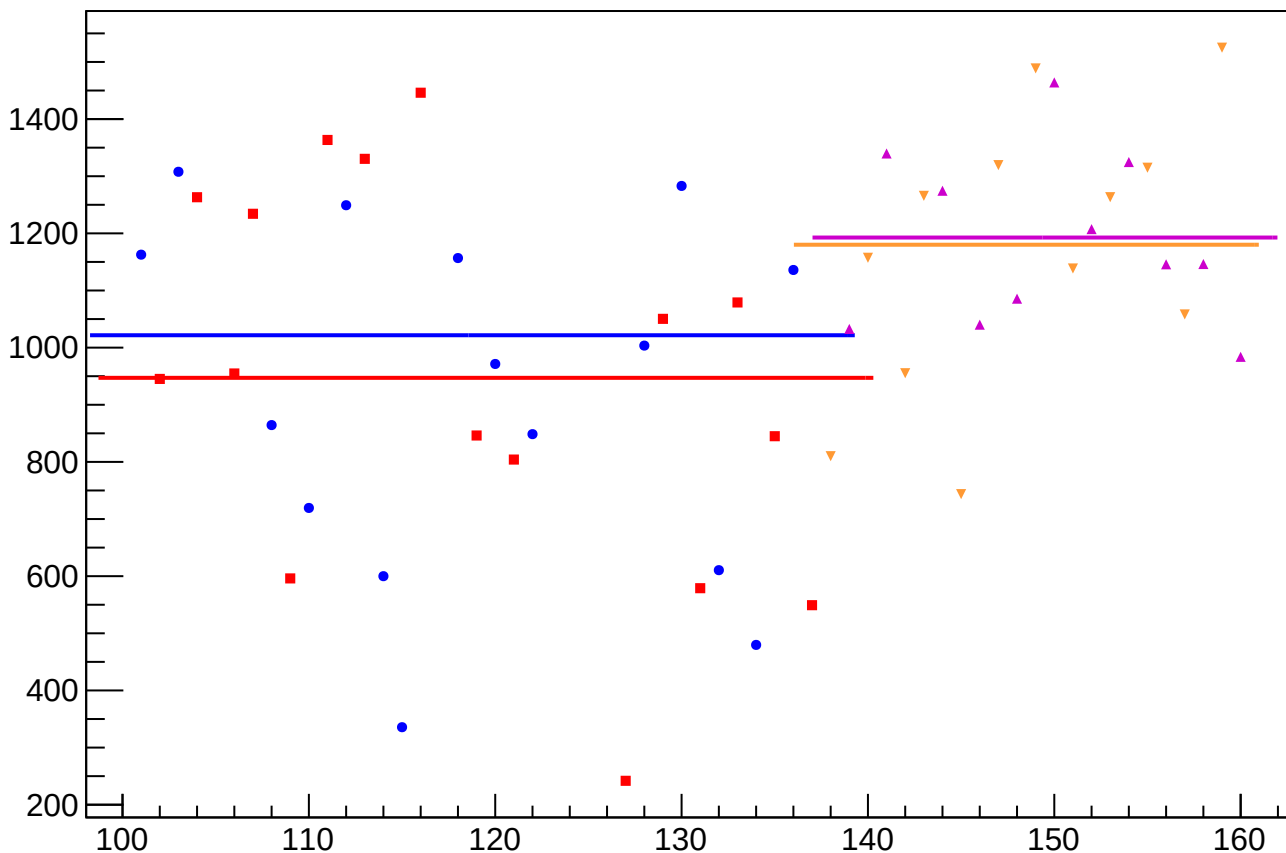
All: 75.703+/-0.000 χ^2/NDF : 1902686413208

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

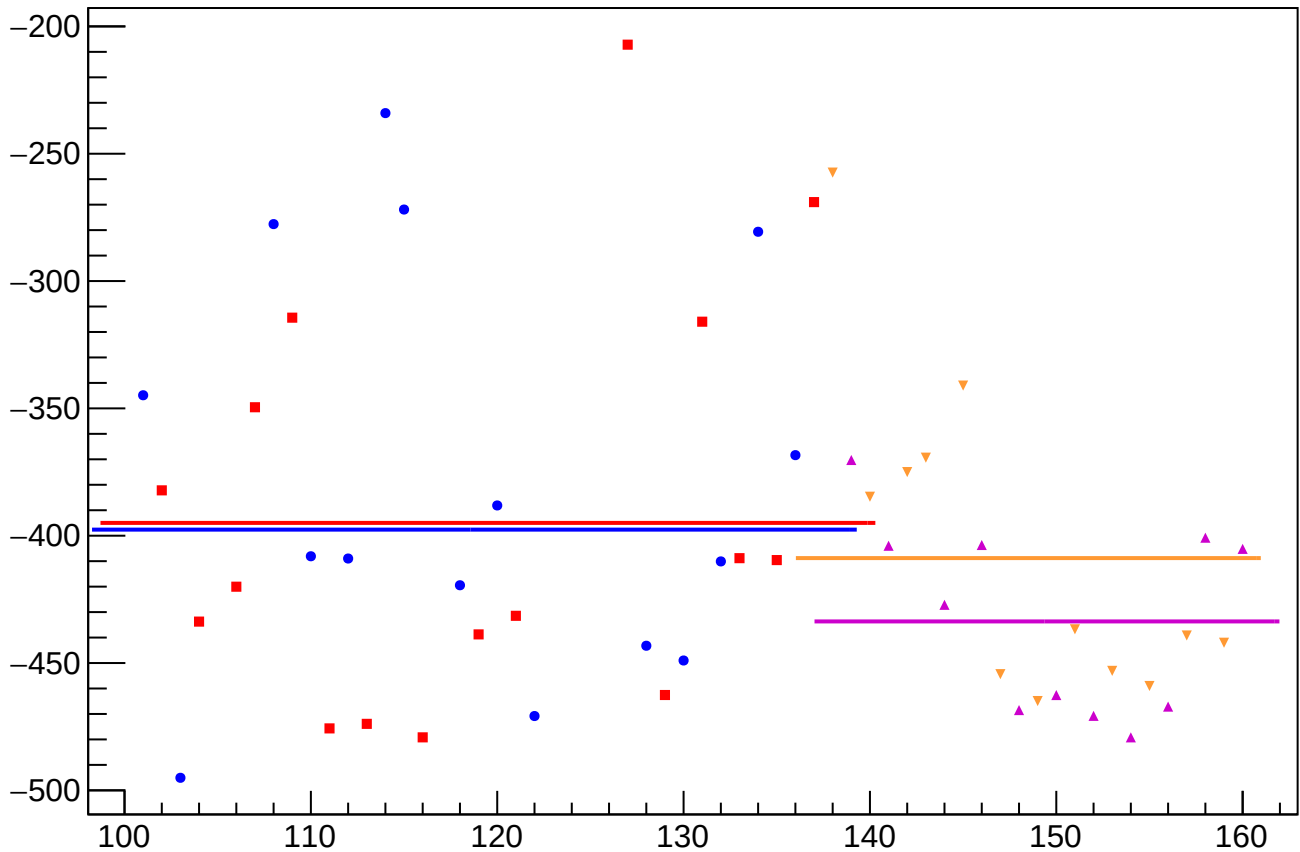
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

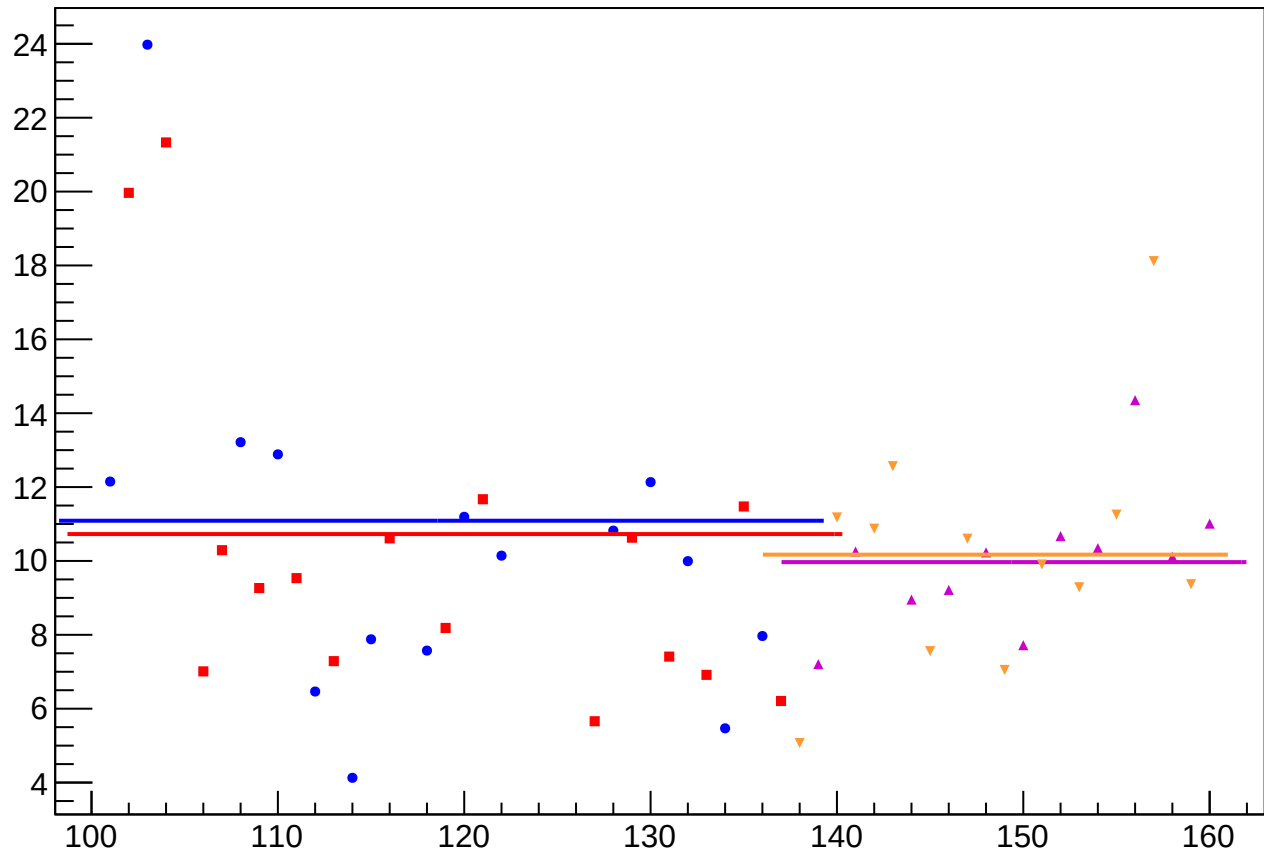
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

Left Out: 10.171 $\pm$ 0.000 χ^2 /NDF: 9089684940831859823552687731900416.0/11

Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

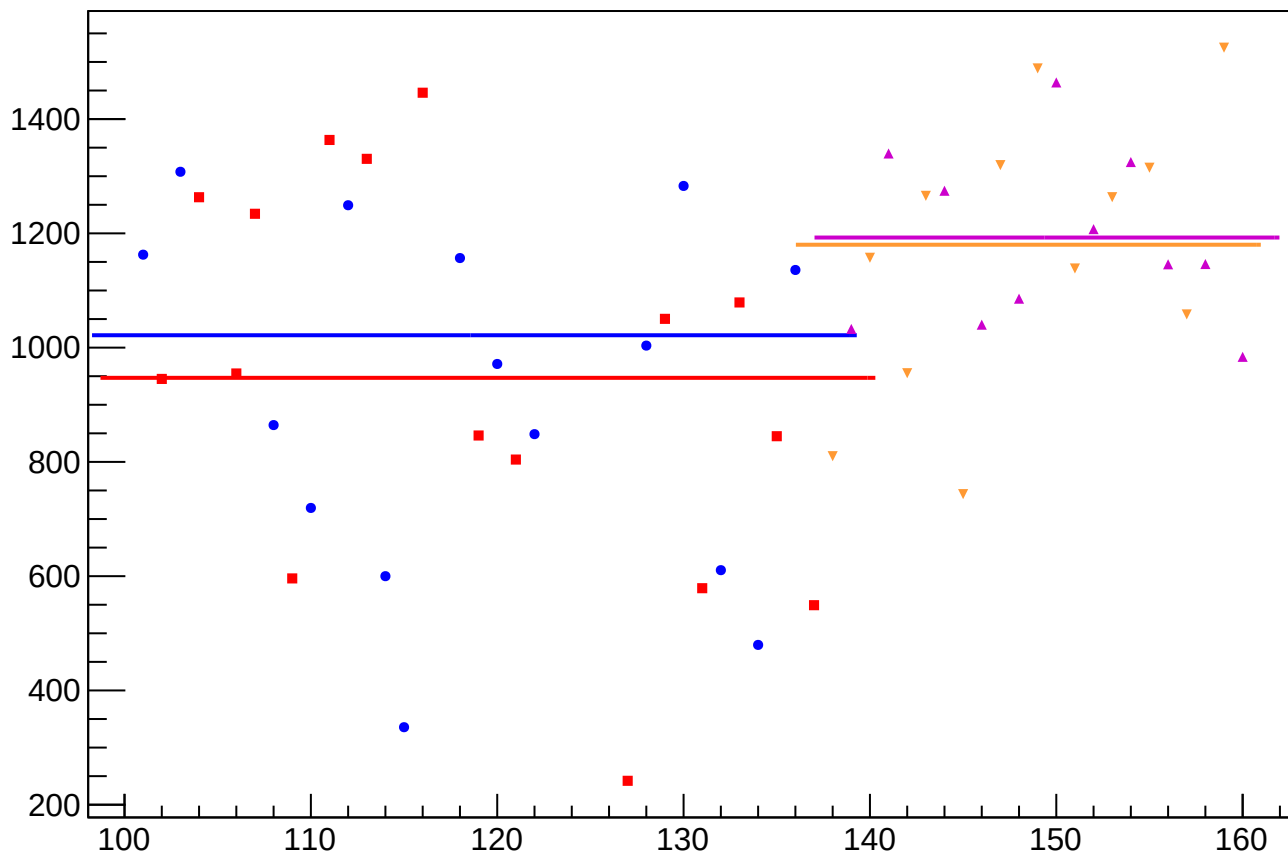
Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

+ sign 10.552 $\pm$ 0.000 χ^2 /NDF: 2364557431902666

All: 10.418 $\pm$ 0.000 χ^2 /NDF: 4159719349794

- sign 10.287 $\pm$ 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

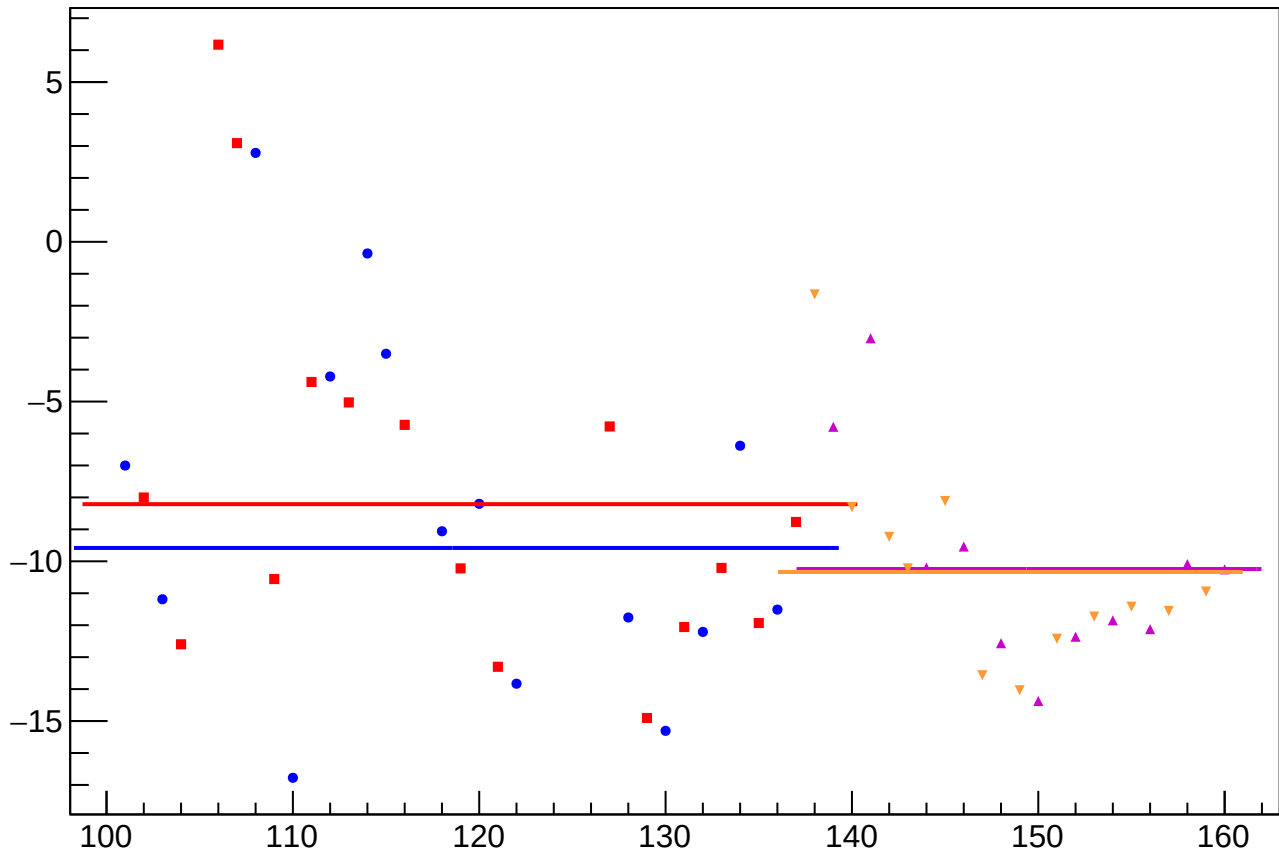
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

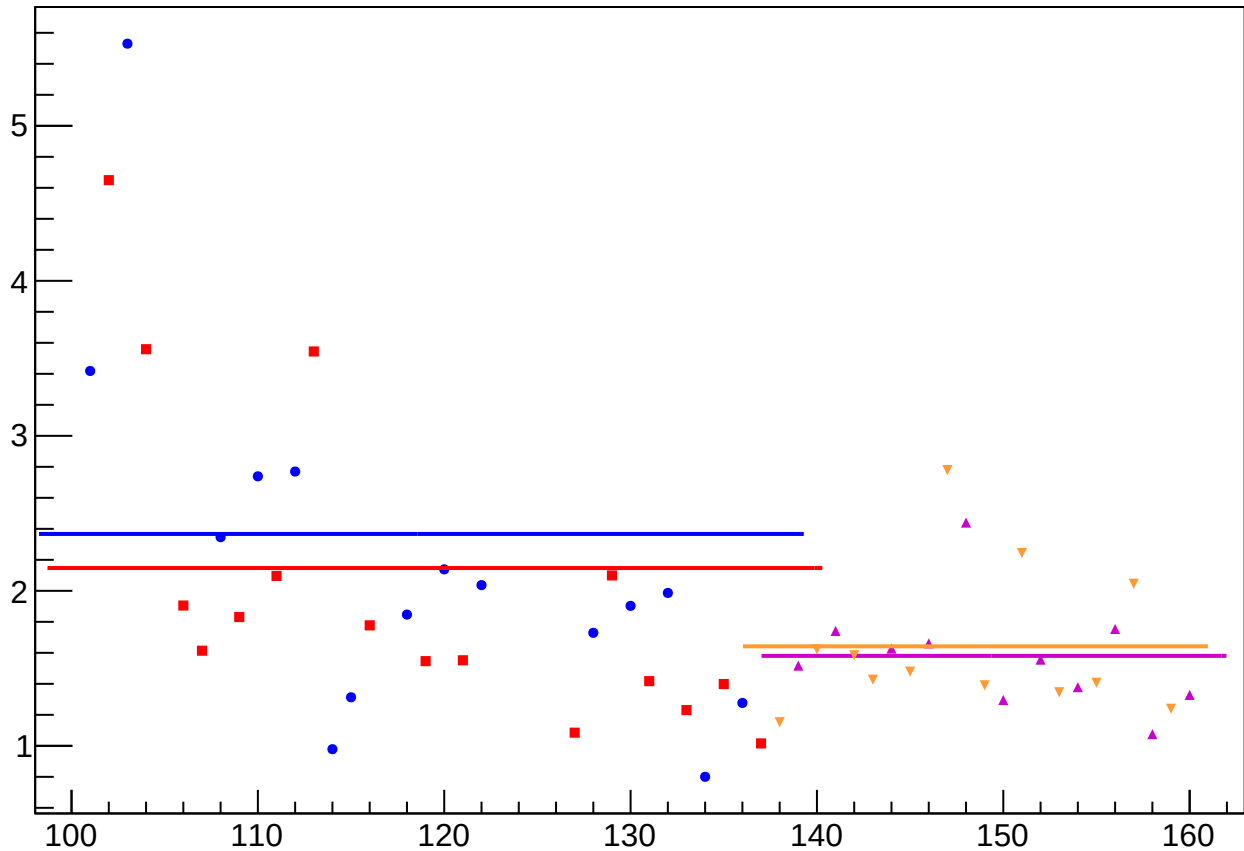
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

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

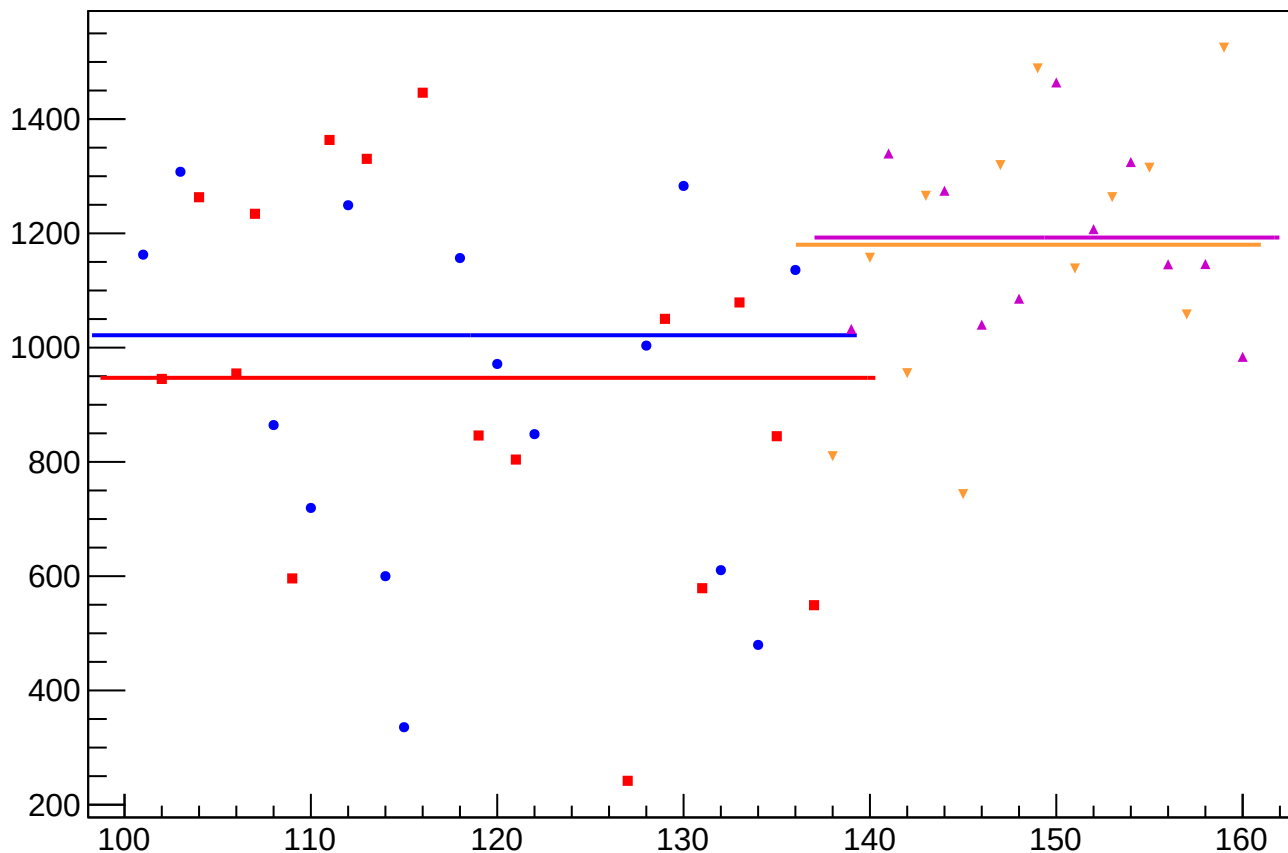
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ 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

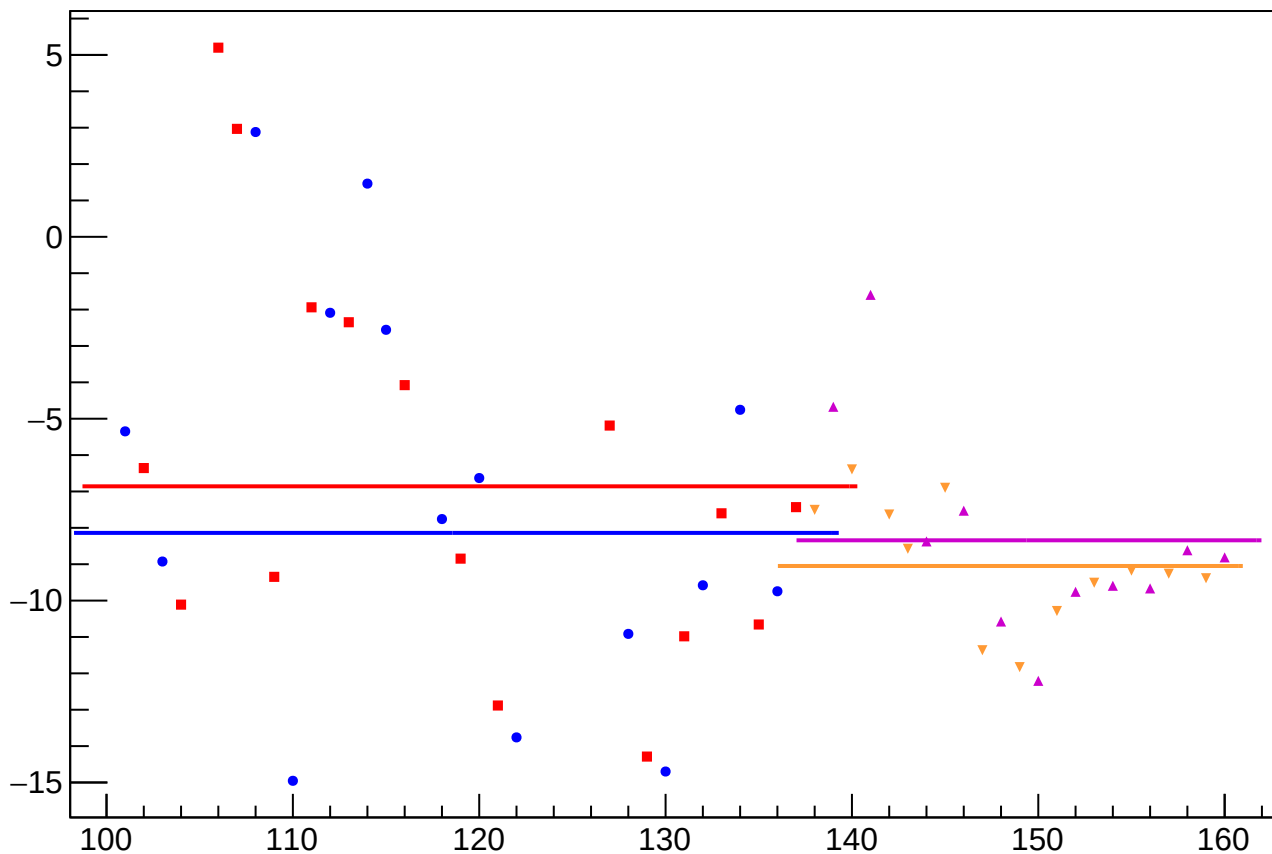
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

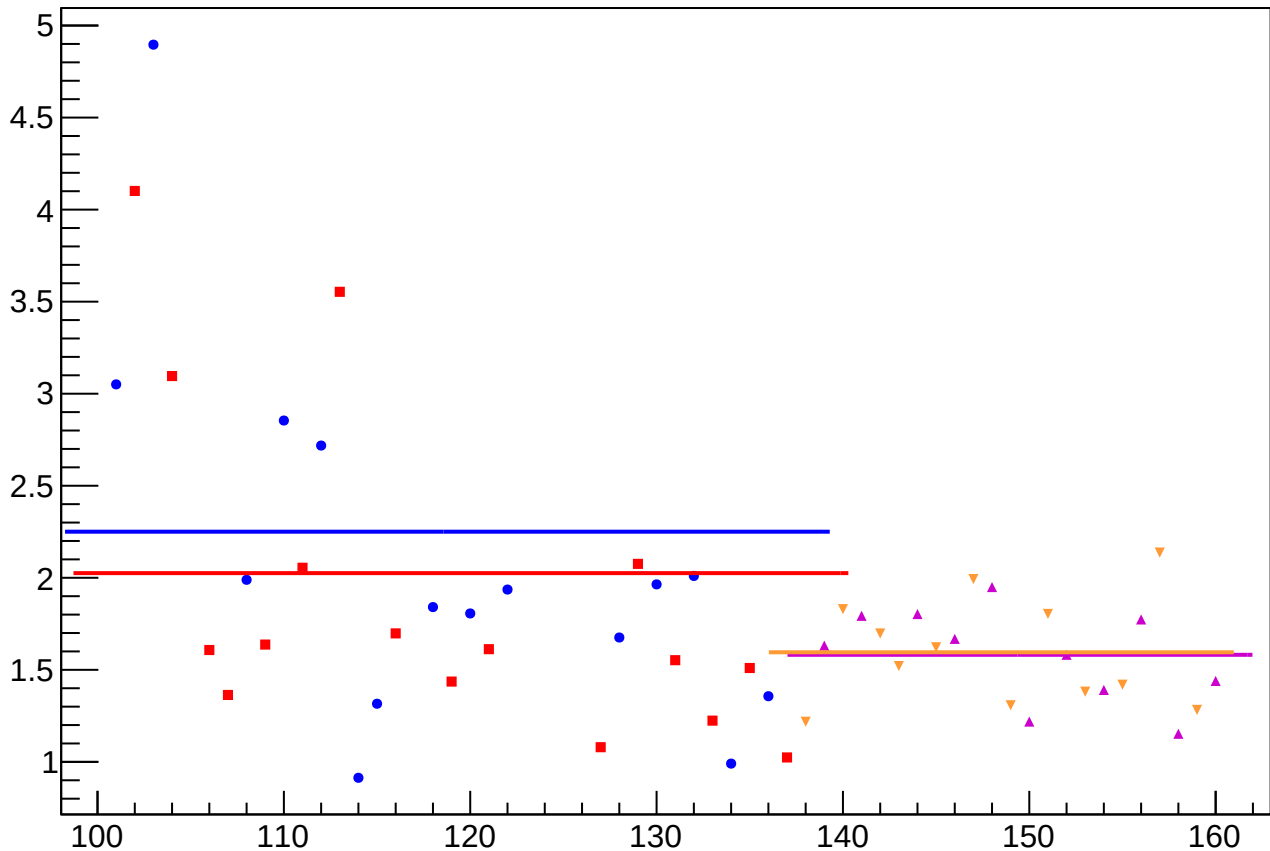
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.671 ± 0.000 χ^2/NDF : 1743954297052969

All: -8.191 ± 0.000 χ^2/NDF : 4275682258895

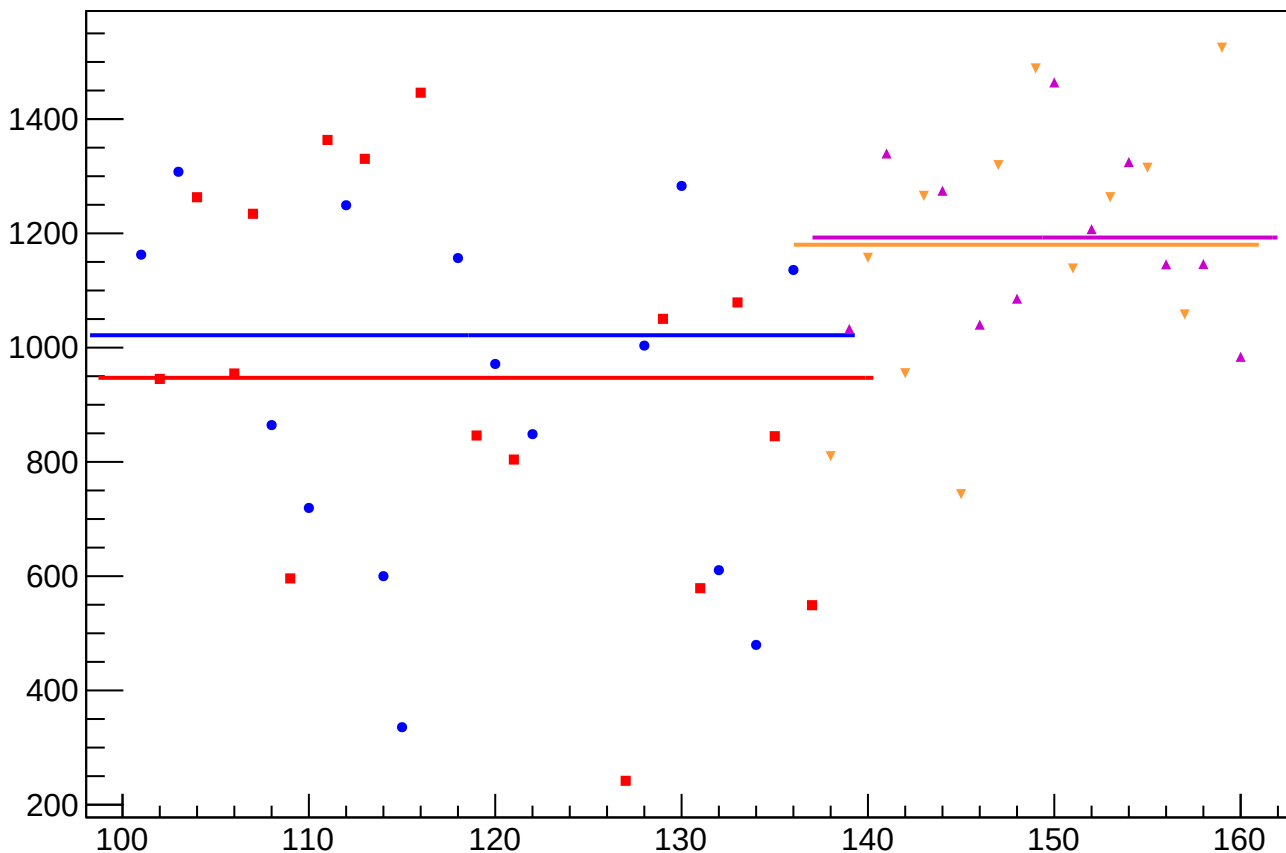
- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

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
 + sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009
 - sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177

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

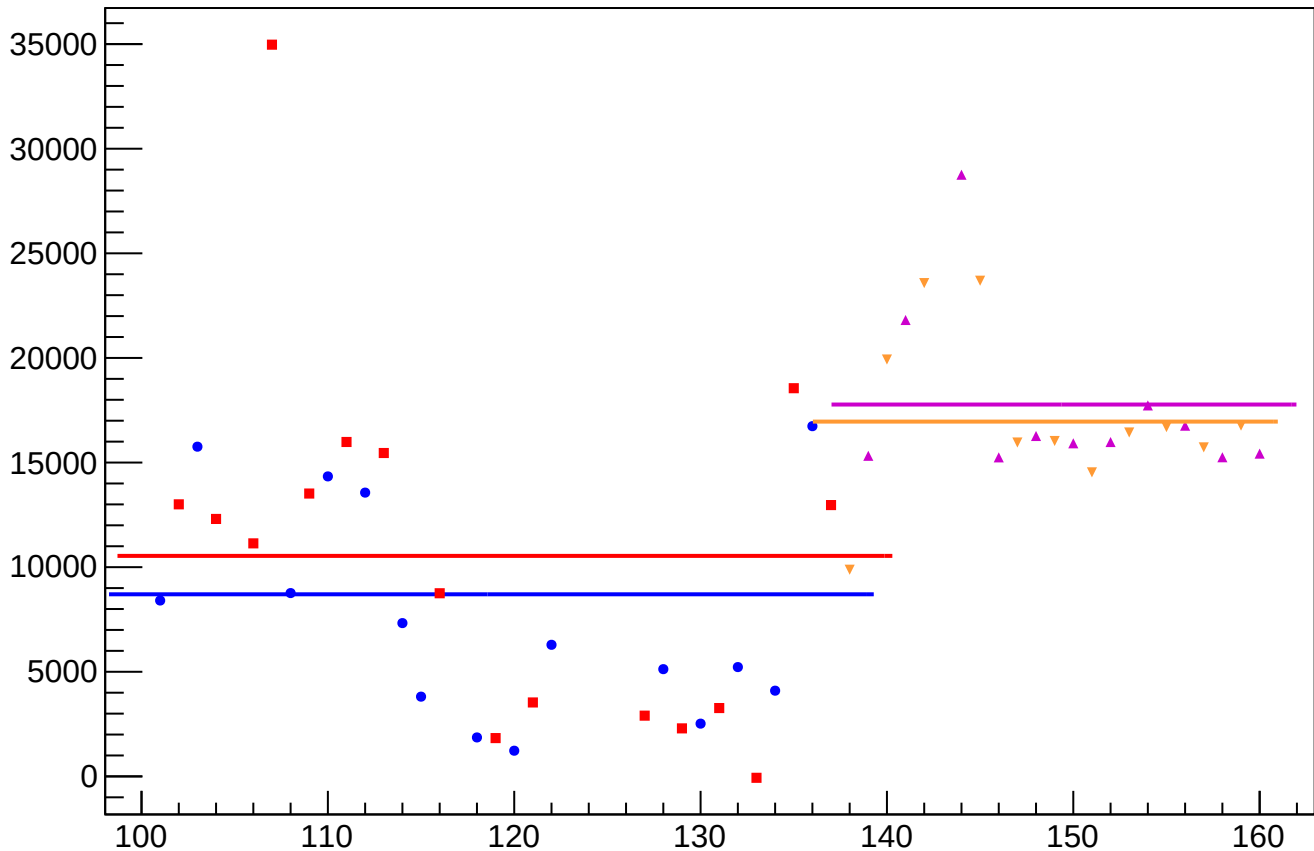
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

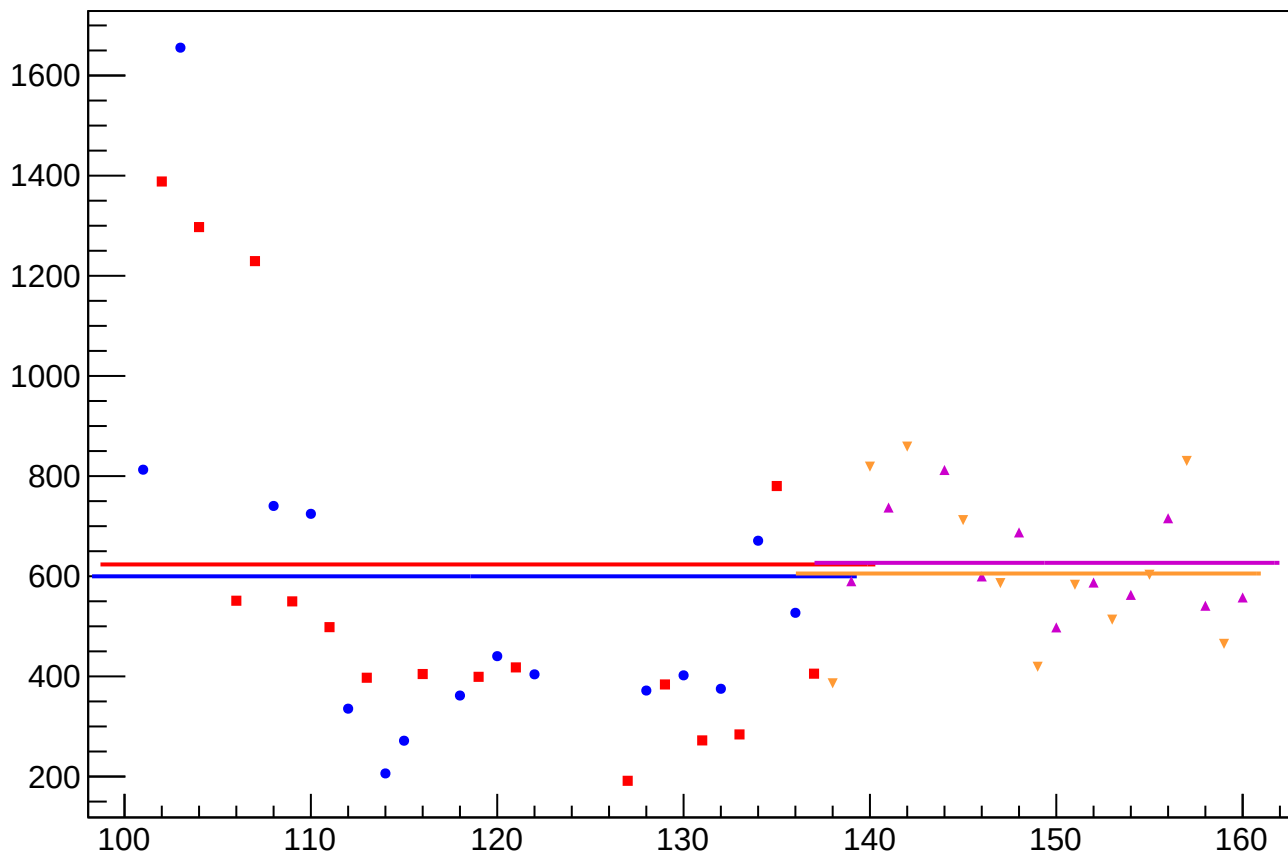
dit_usl_coil7_mean vs Slug



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

Left Out: 603.023+/-0.000 χ^2/NDF : 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF : 20600036696576889686488913862706855936.0/10

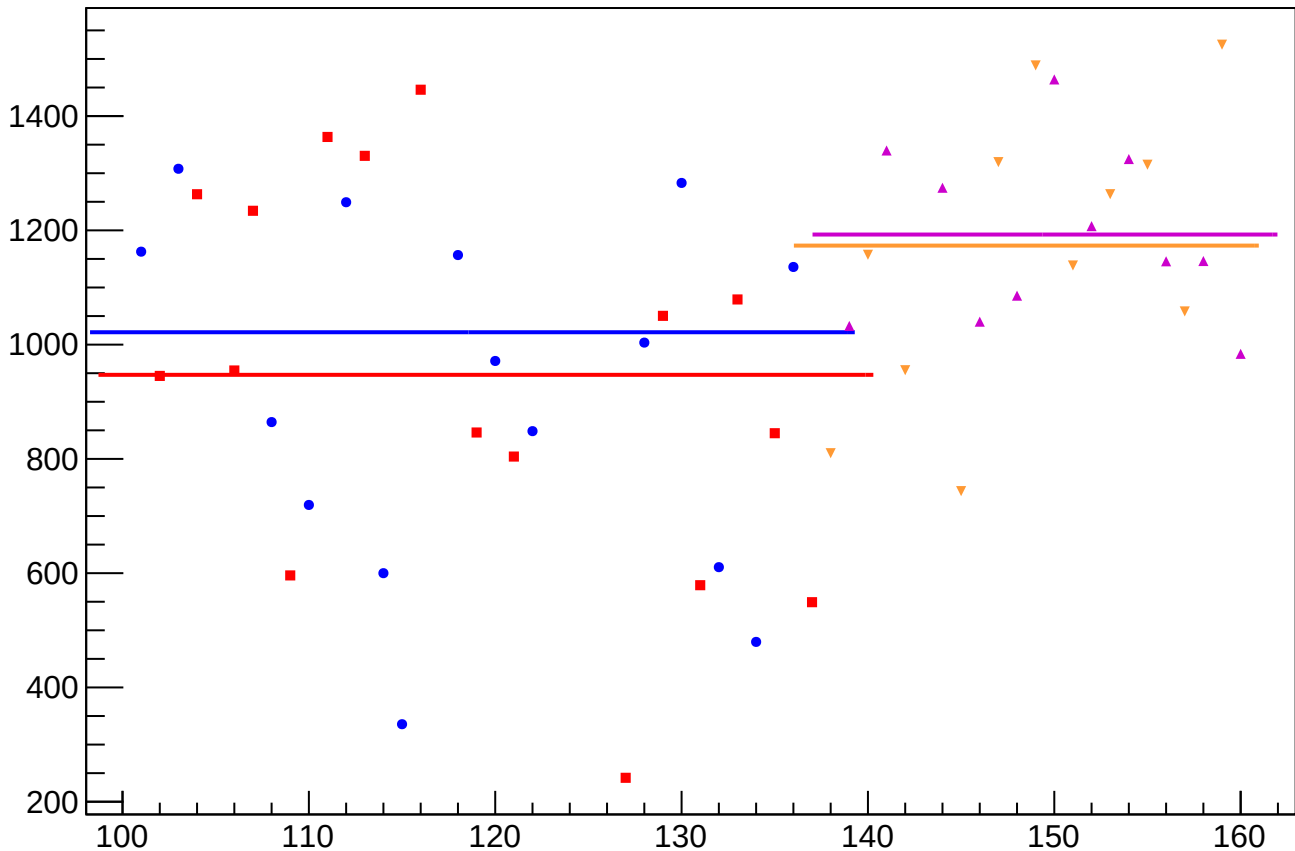
All: 614.575+/-0.000 χ^2/NDF : 219881740645

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

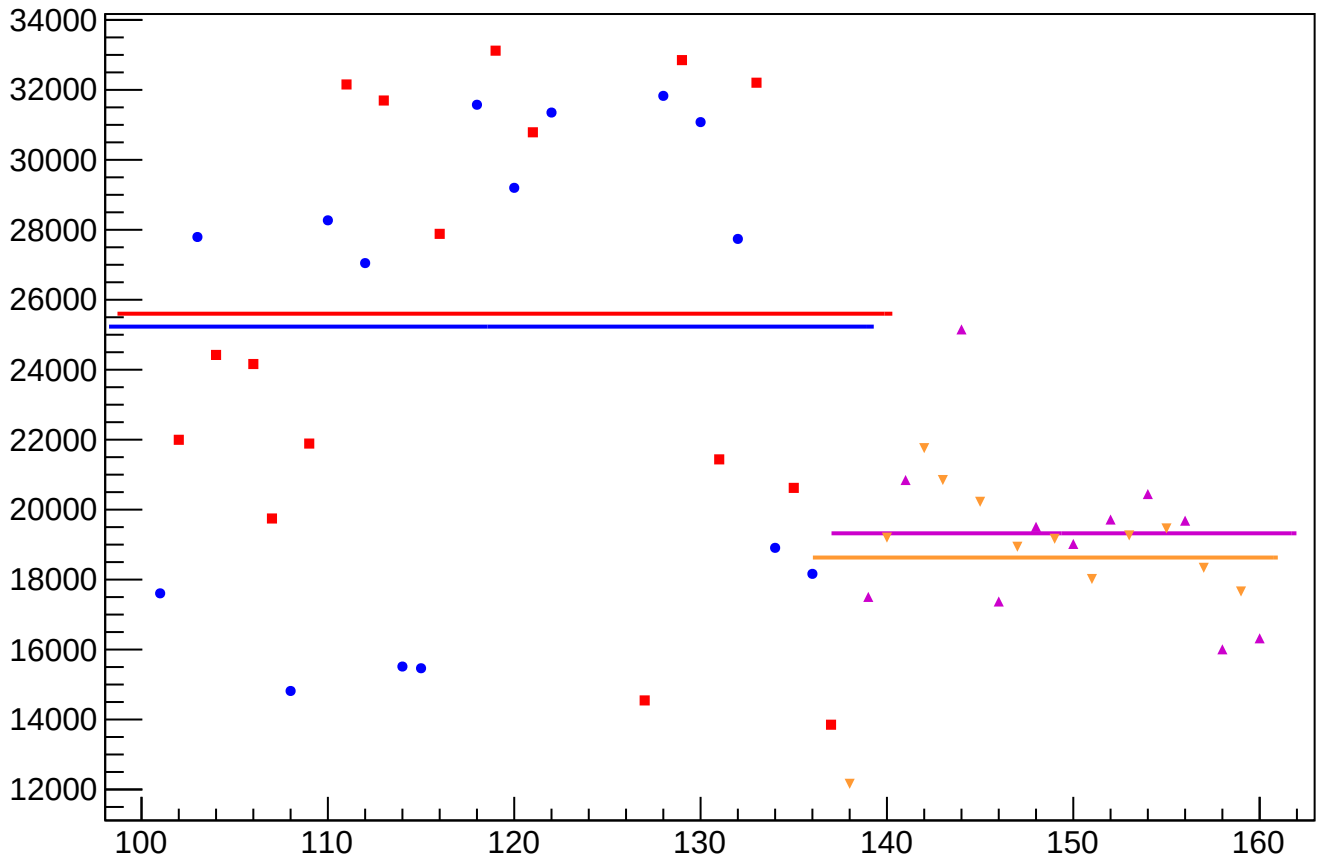
Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

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

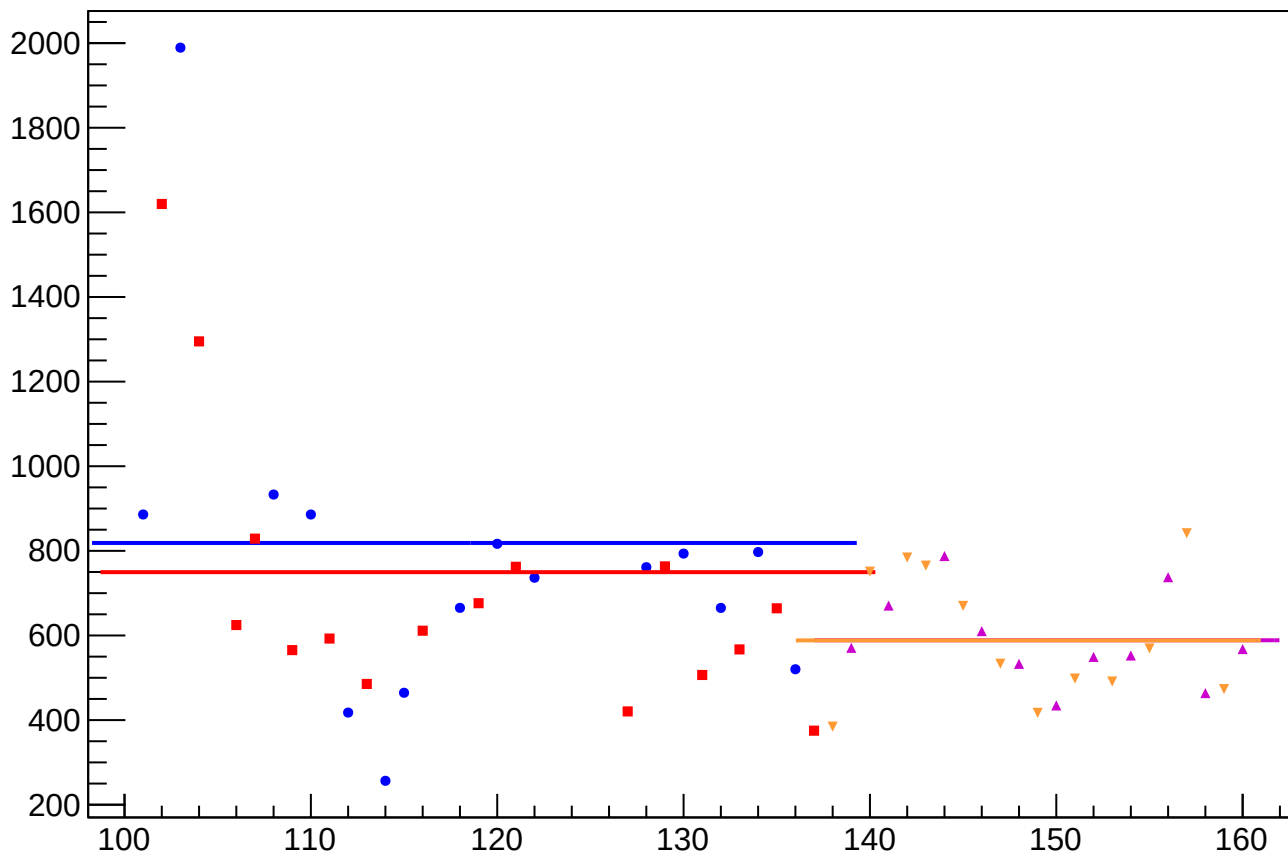
dit_usr_coil7_mean vs Slug



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 : 4557364101800.0/11
 All: 21666.026+/-0.000 χ^2/NDF : 9098110501.0/11
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175.0/11

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

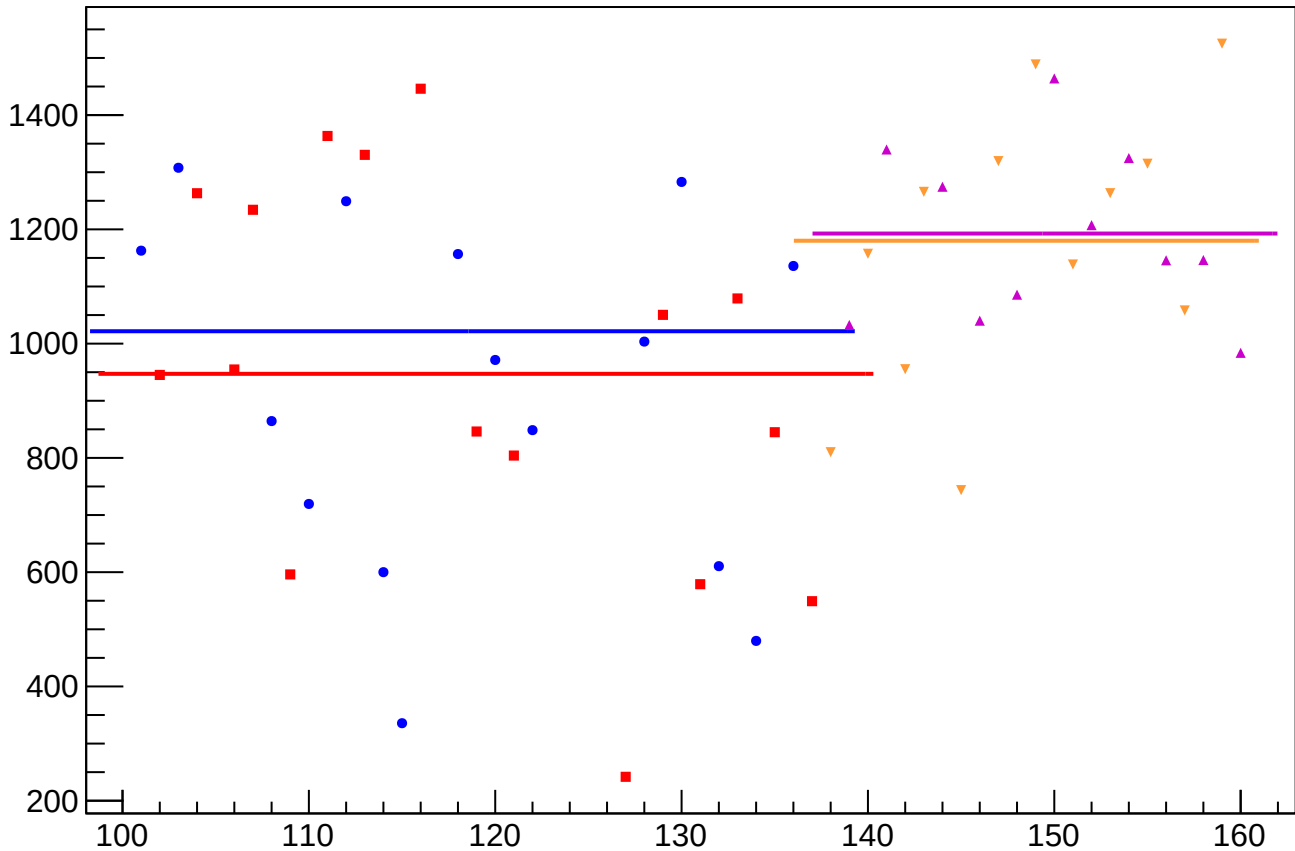
Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

+ sign 684.008+/-0.000 χ^2/NDF : 145791569069388

All: 669.969+/-0.000 χ^2/NDF : 244316509040

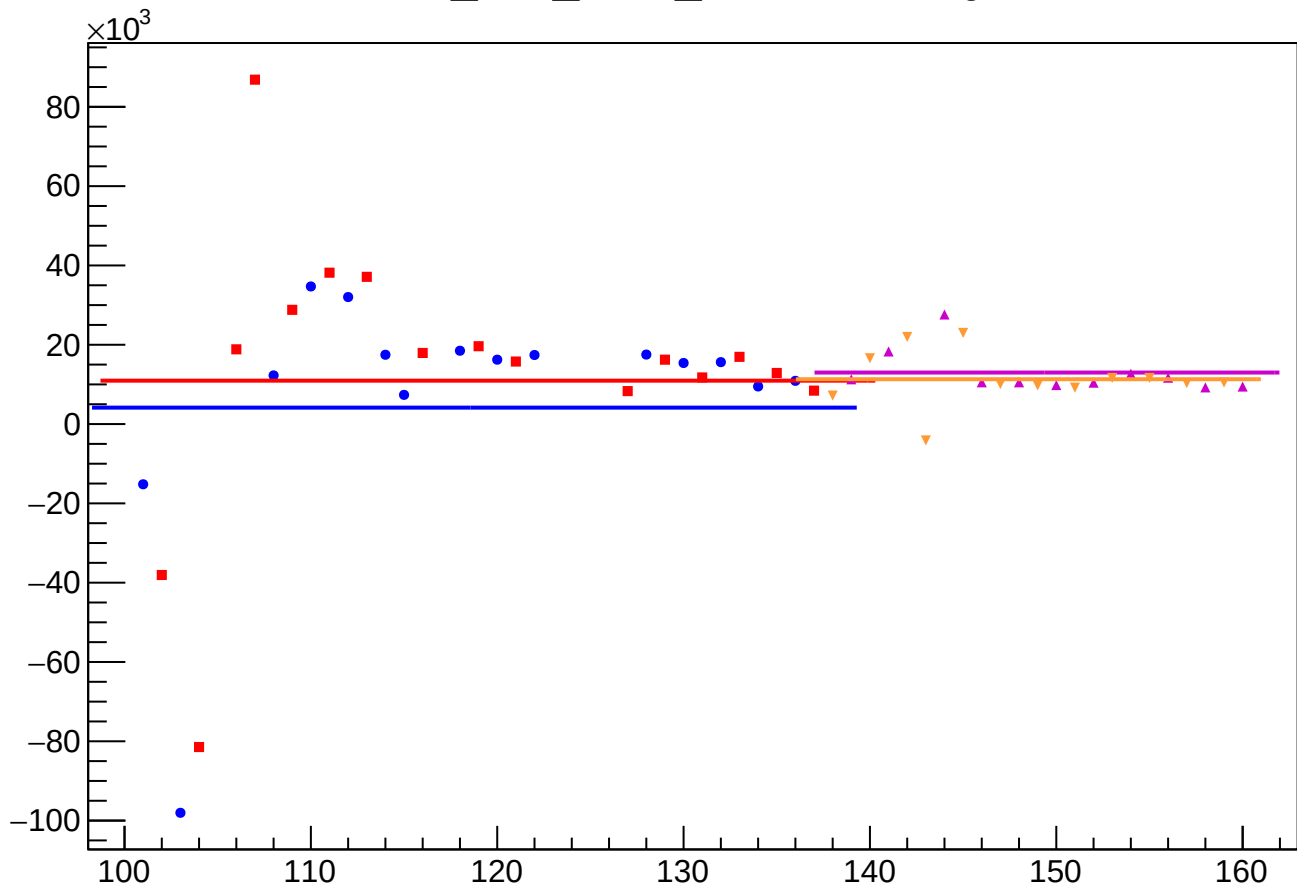
- sign 656.176+/-0.000 χ^2/NDF : 979142023590546

dit_usr_coil7_Ndata_mean vs Slug



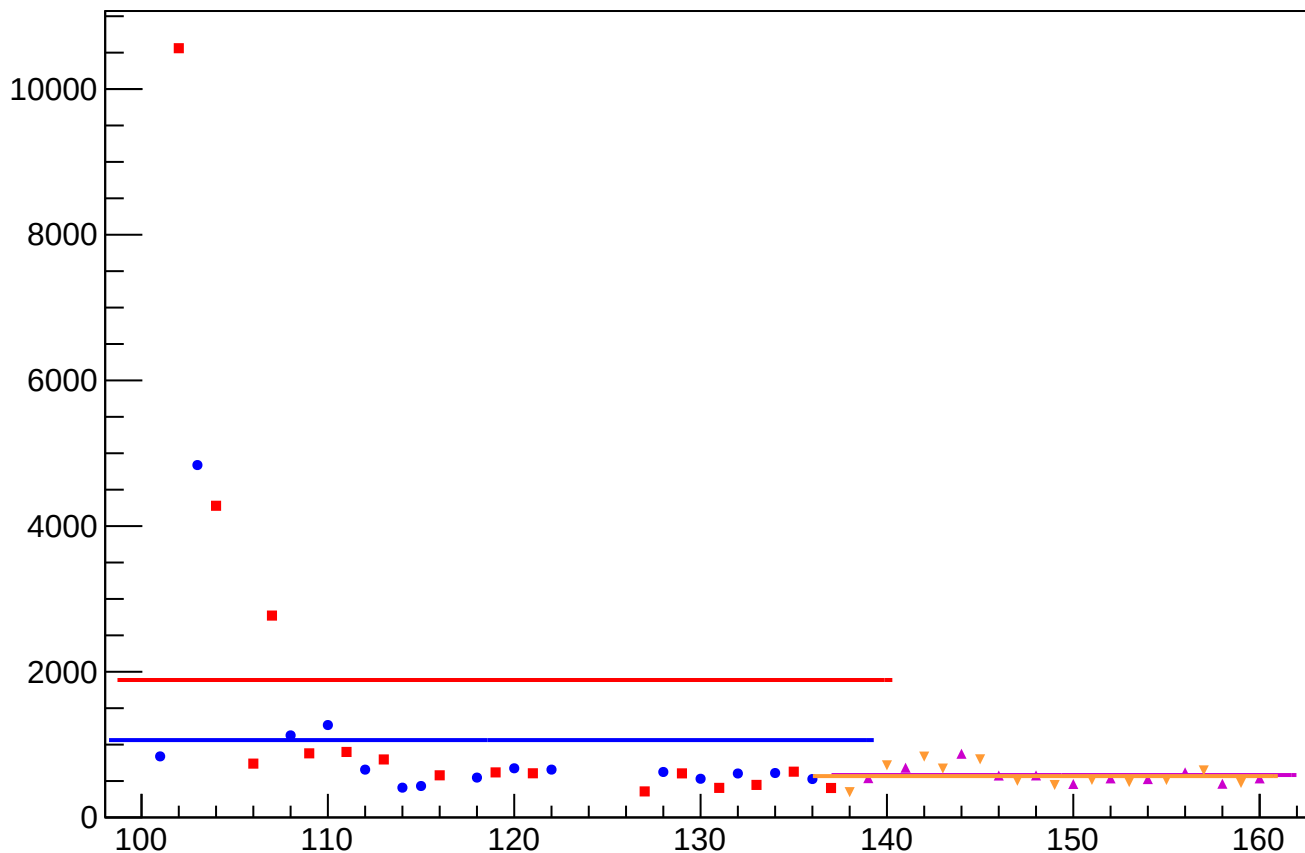
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1114.323+/-0.000	χ^2/NDF : 10080626753263
Left Out: 1180.103+/-0.000	χ^2/NDF : 50788606804690292724539730503787347968.0/11	All: 1101.926+/-0.000	χ^2/NDF : 21167730452
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

dit_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



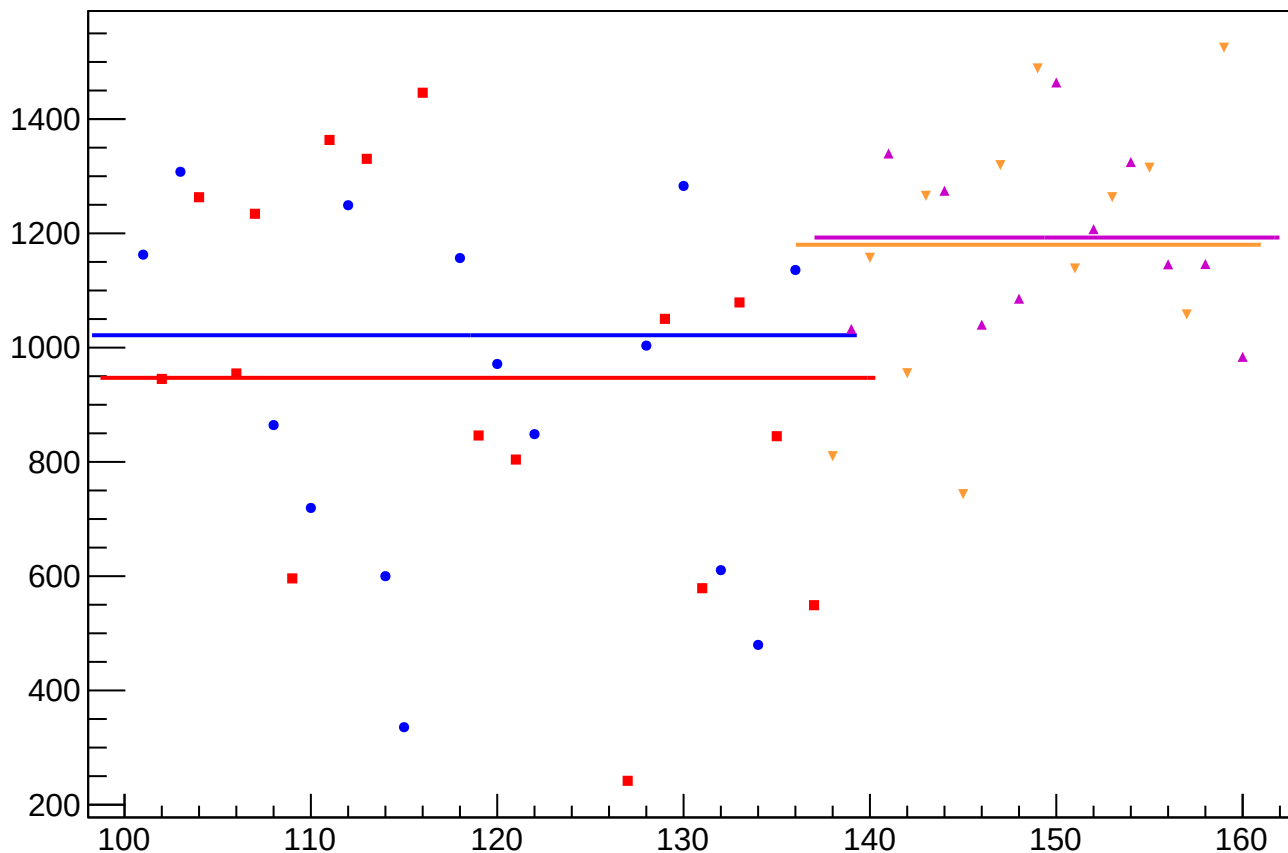
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

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

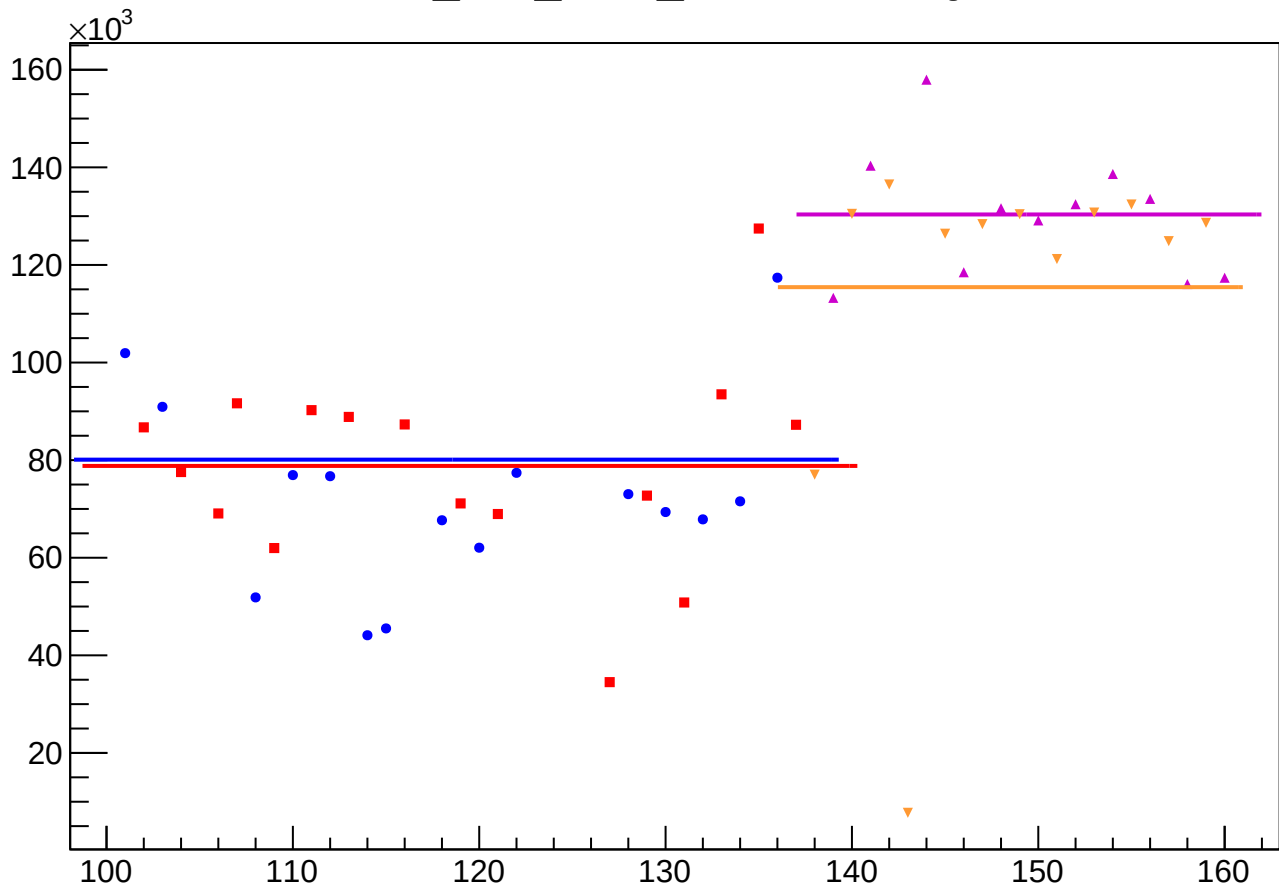
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

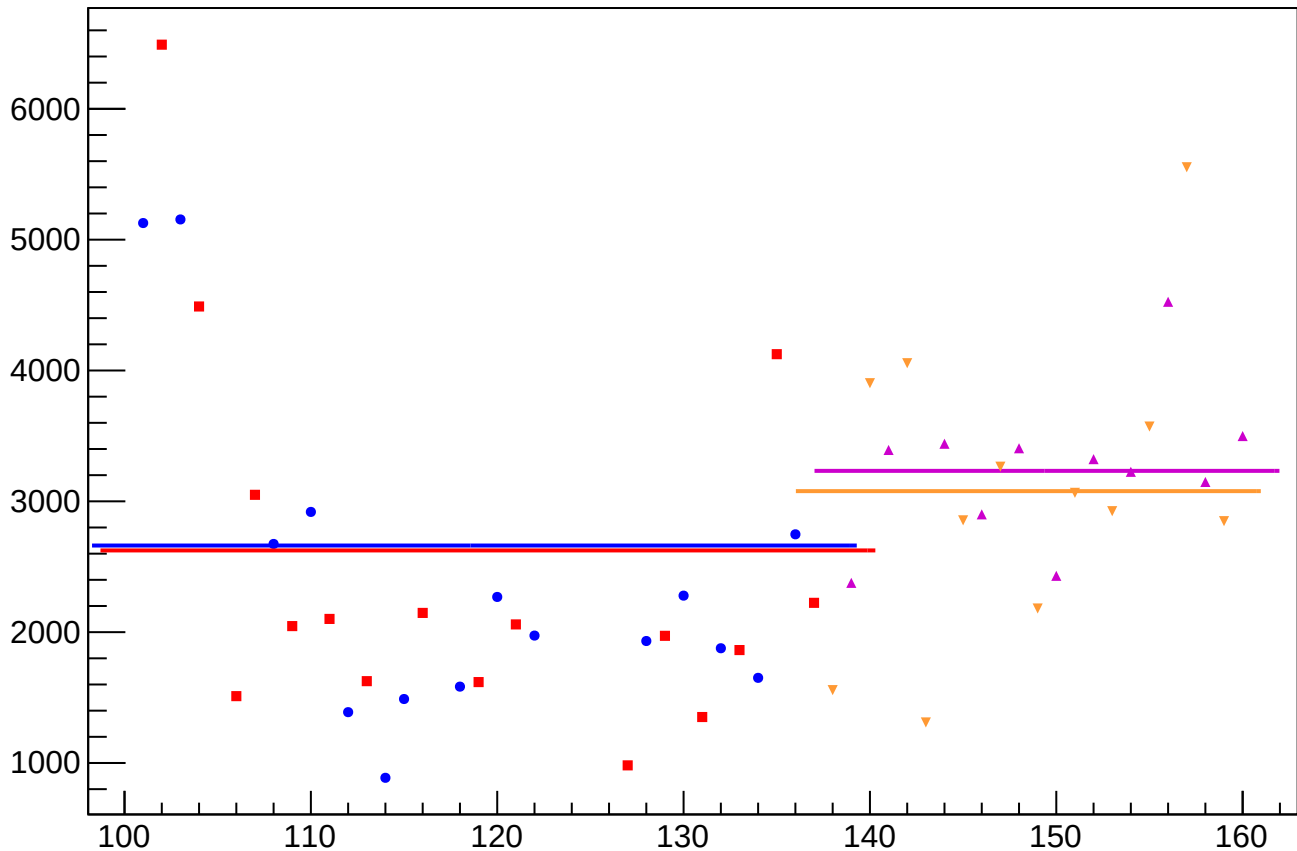
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atl2_coil7_mean vs Slug



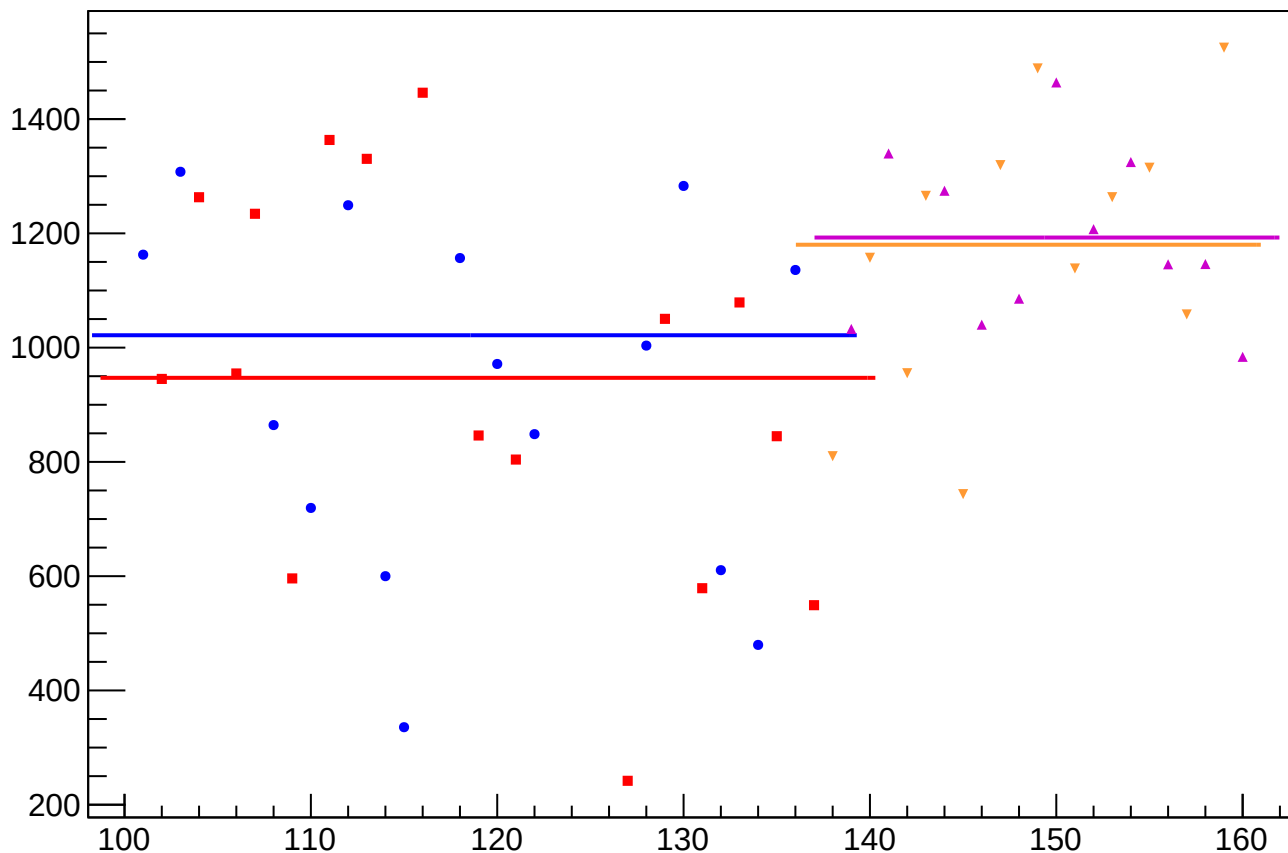
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 115448.893 $\pm$ 0.000 χ^2 /NDF: 1038801657464811255416211206986838896017408.0/11
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 130346.244 $\pm$ 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
 Left Out: 3077.945 ± 0.000 χ^2/NDF : 1073709891492389198093936322660595138560.0/11
 Right Out: 2624.696 ± 0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 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

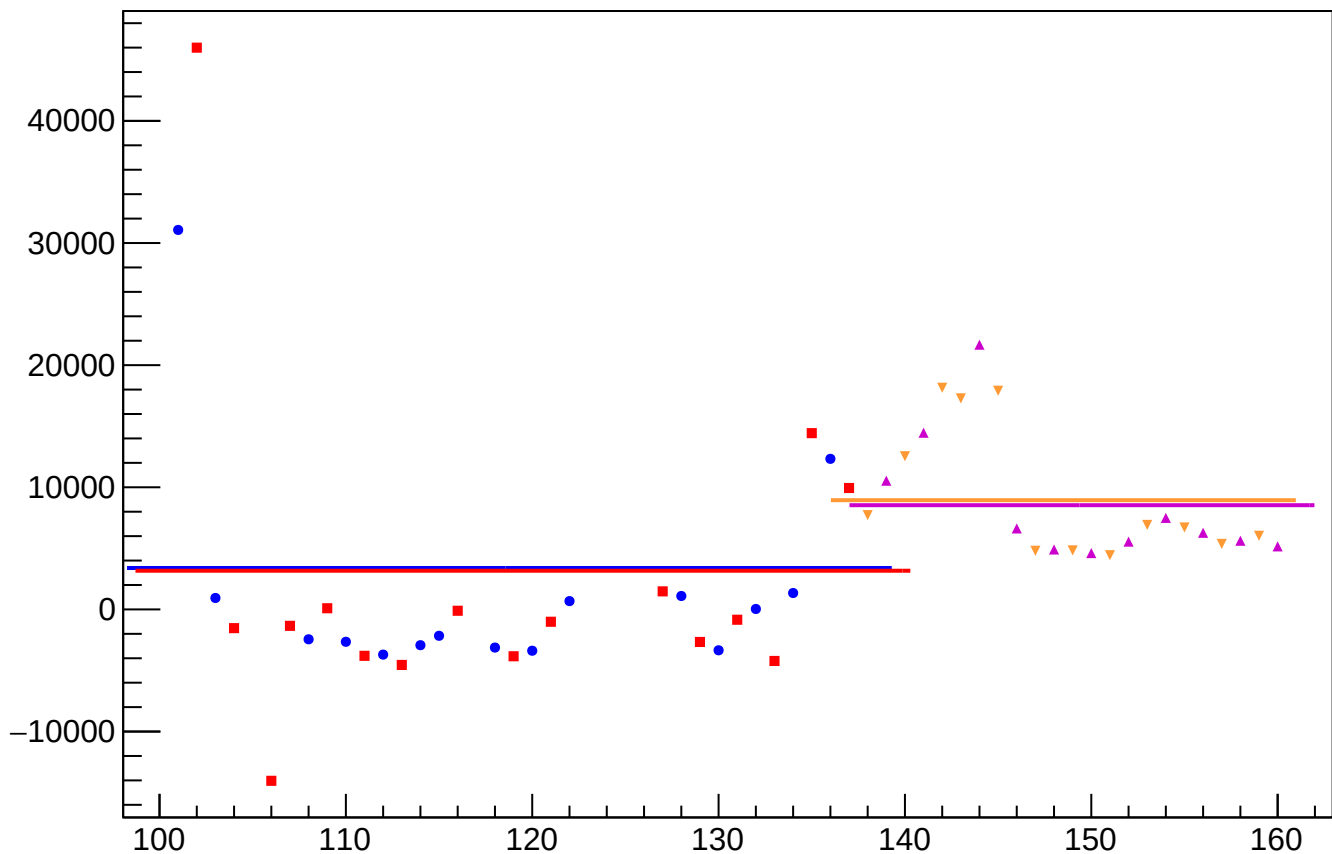
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

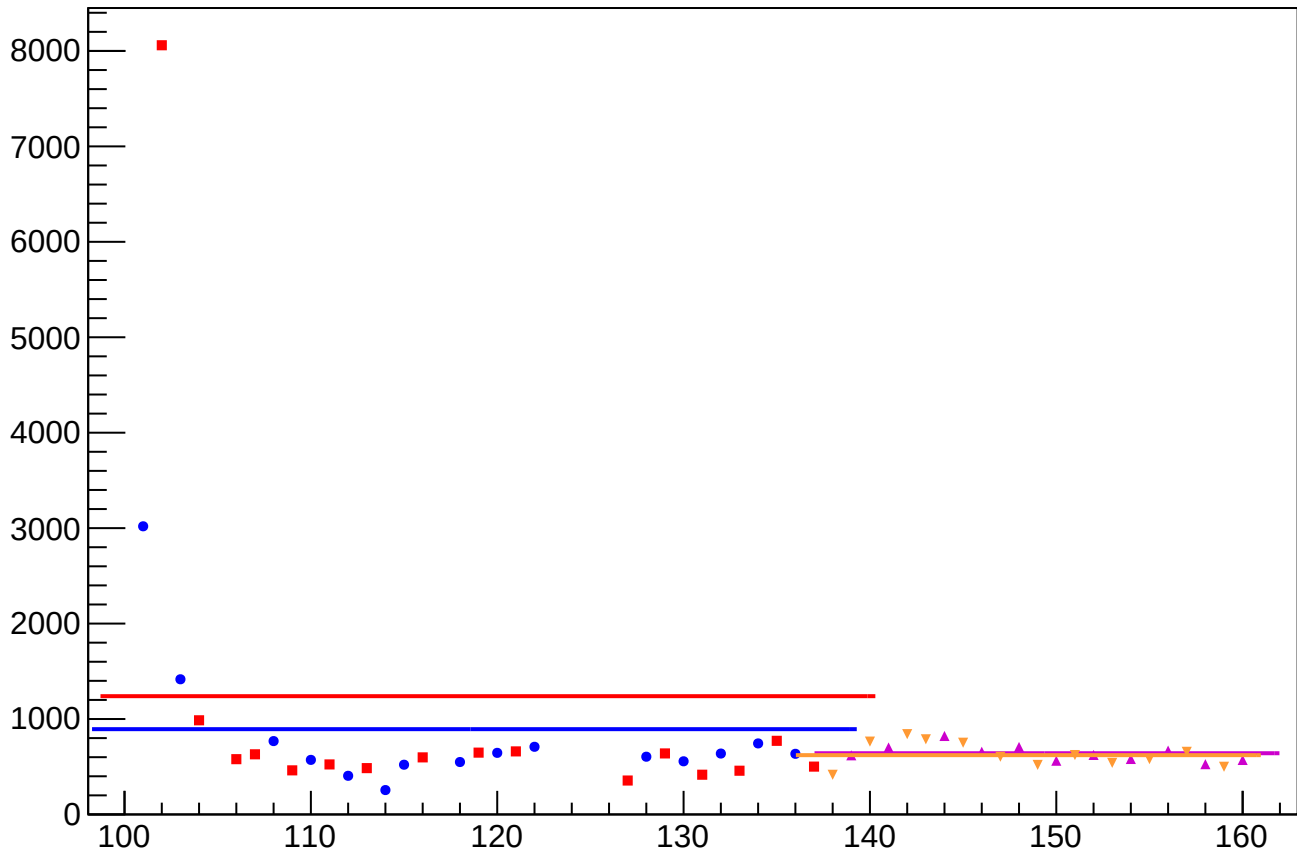
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

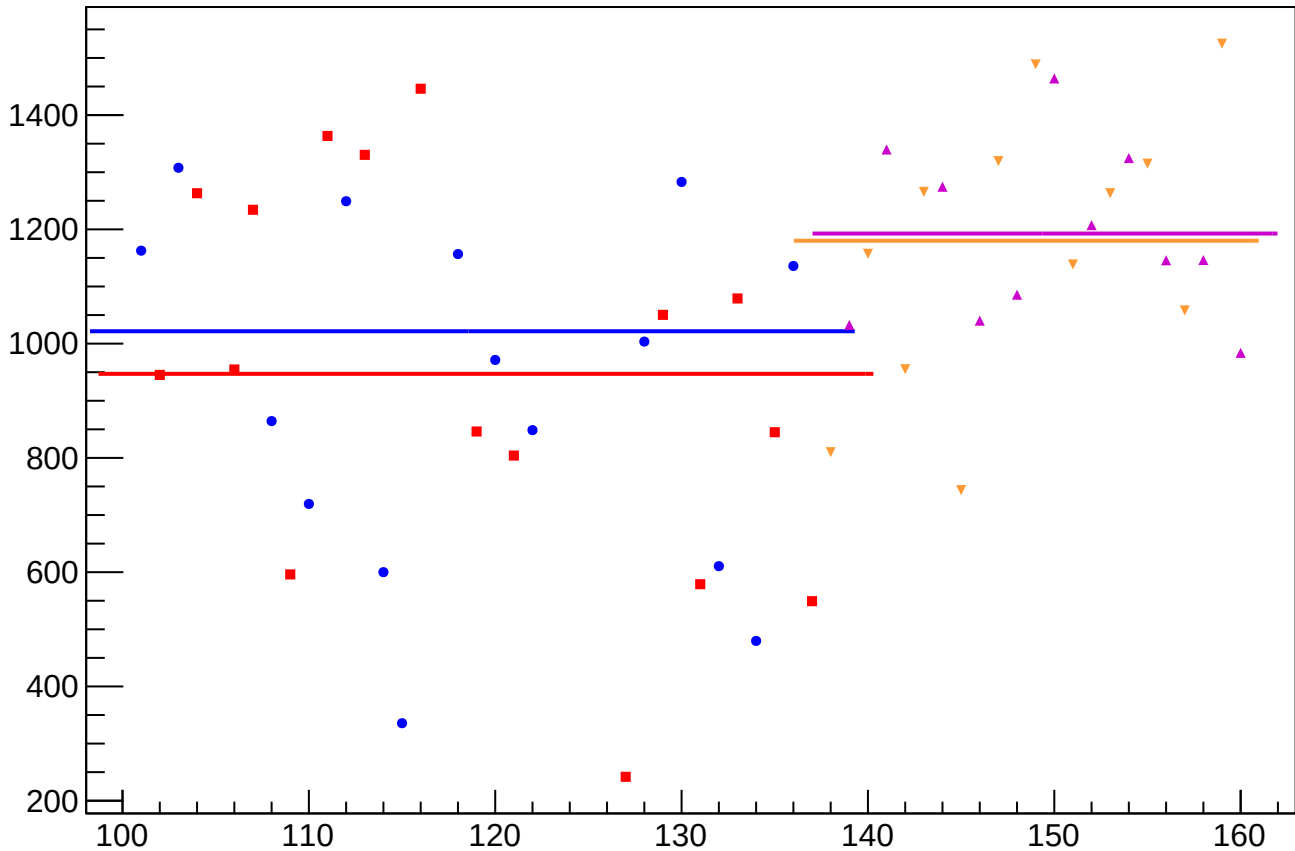
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

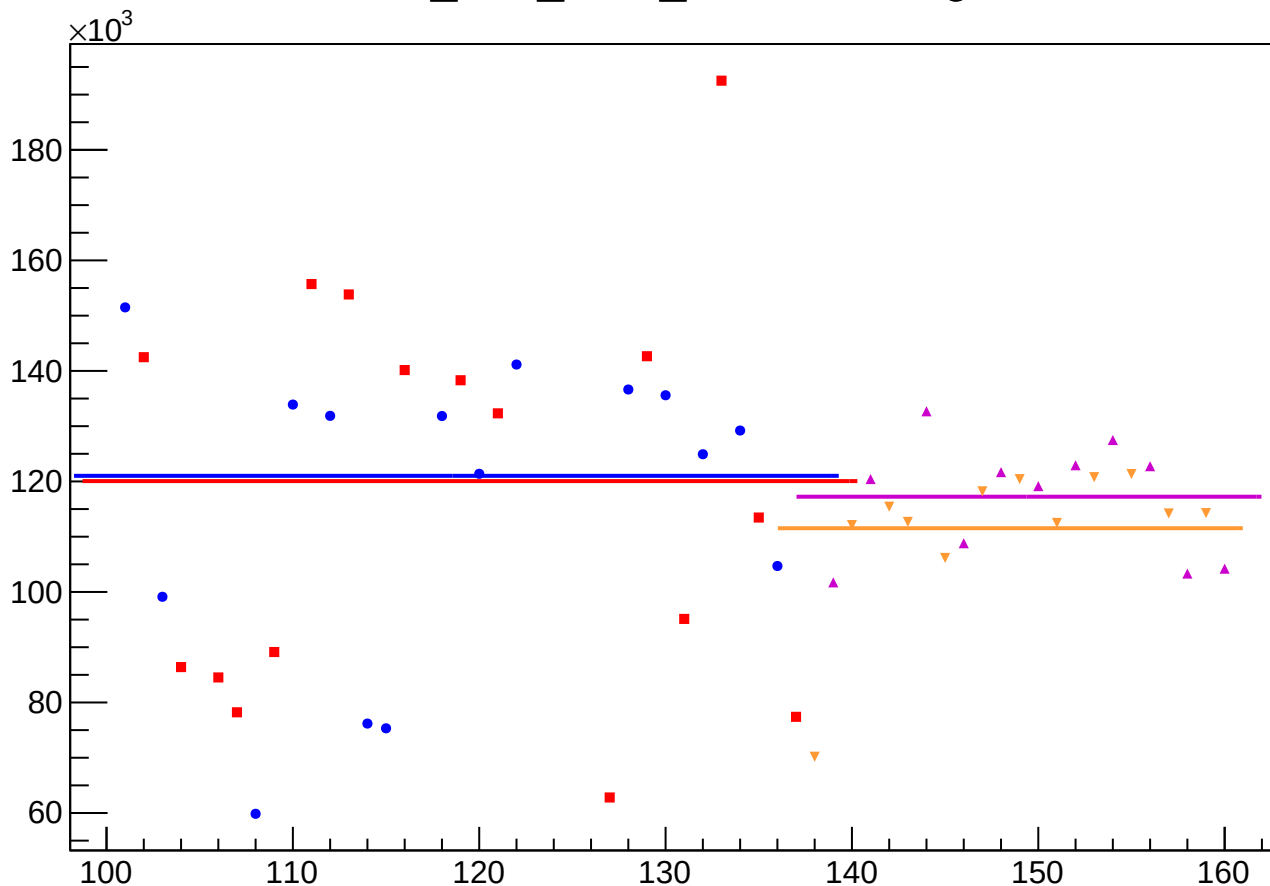
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 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

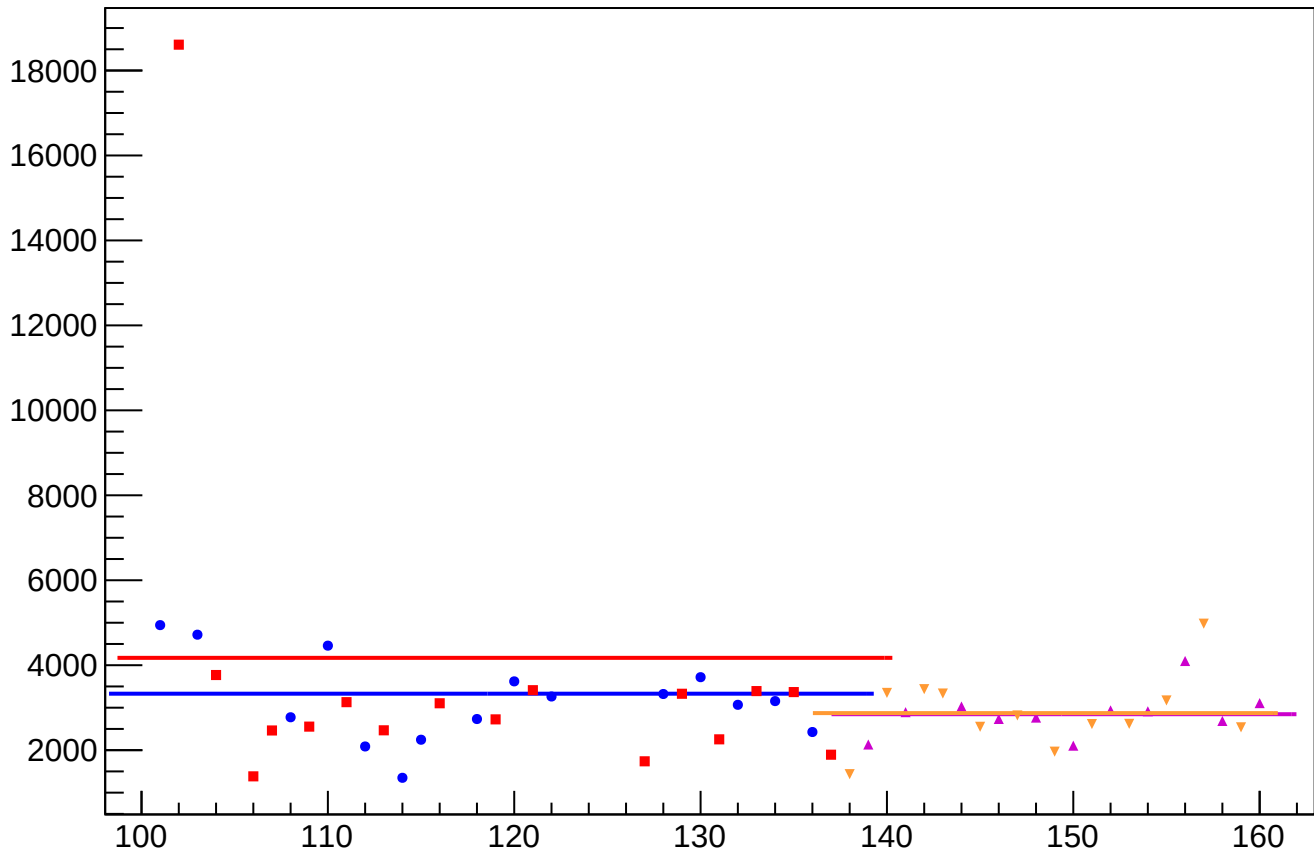
dit_atr2_coil7_mean vs Slug



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

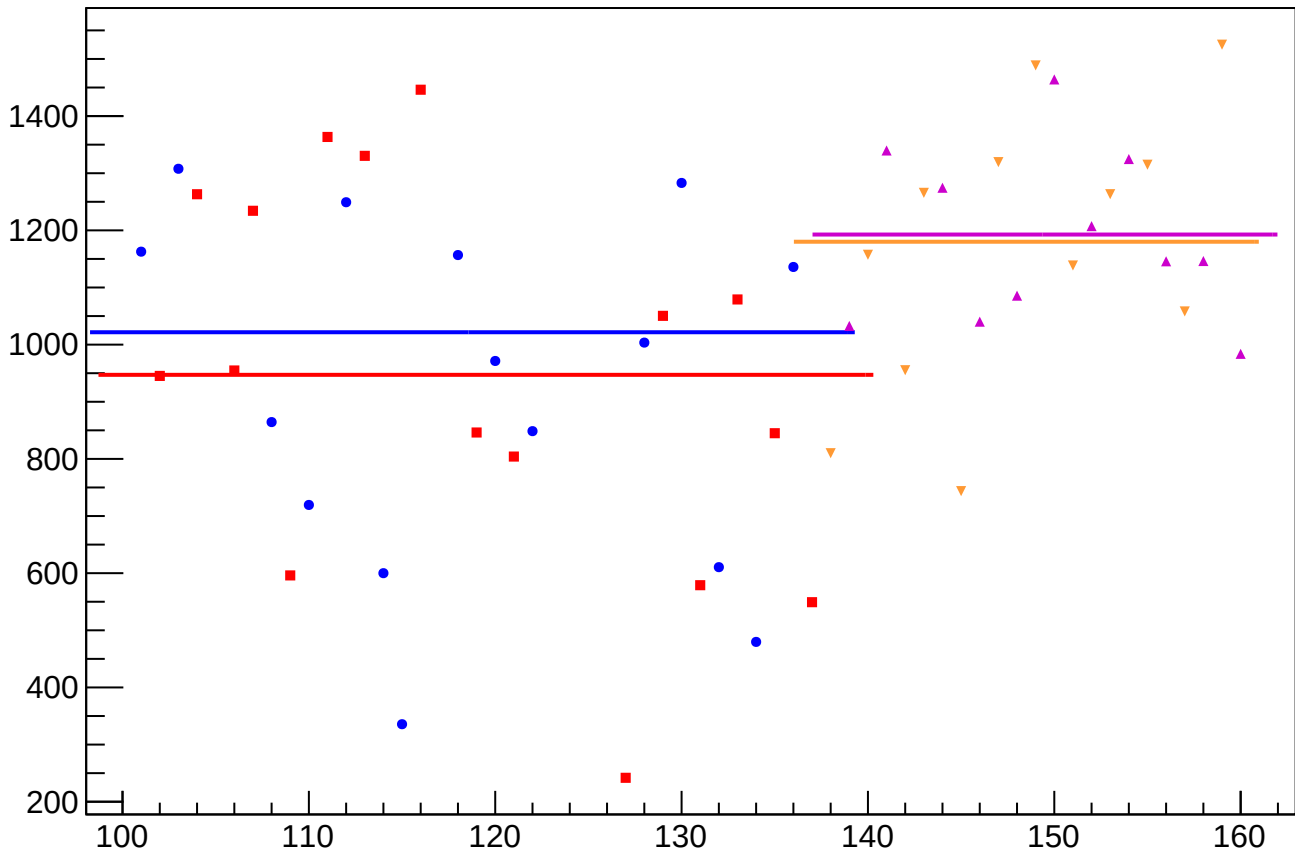
+ sign 115470.027 $\pm$ 0.000 χ^2 /NDF: 555580110243
 All: 116958.641 $\pm$ 0.000 χ^2 /NDF: 148625317
 - sign 118421.056 $\pm$ 0.000 χ^2 /NDF: 923806900564

dit_atr2_coil7_err_mean vs Slug



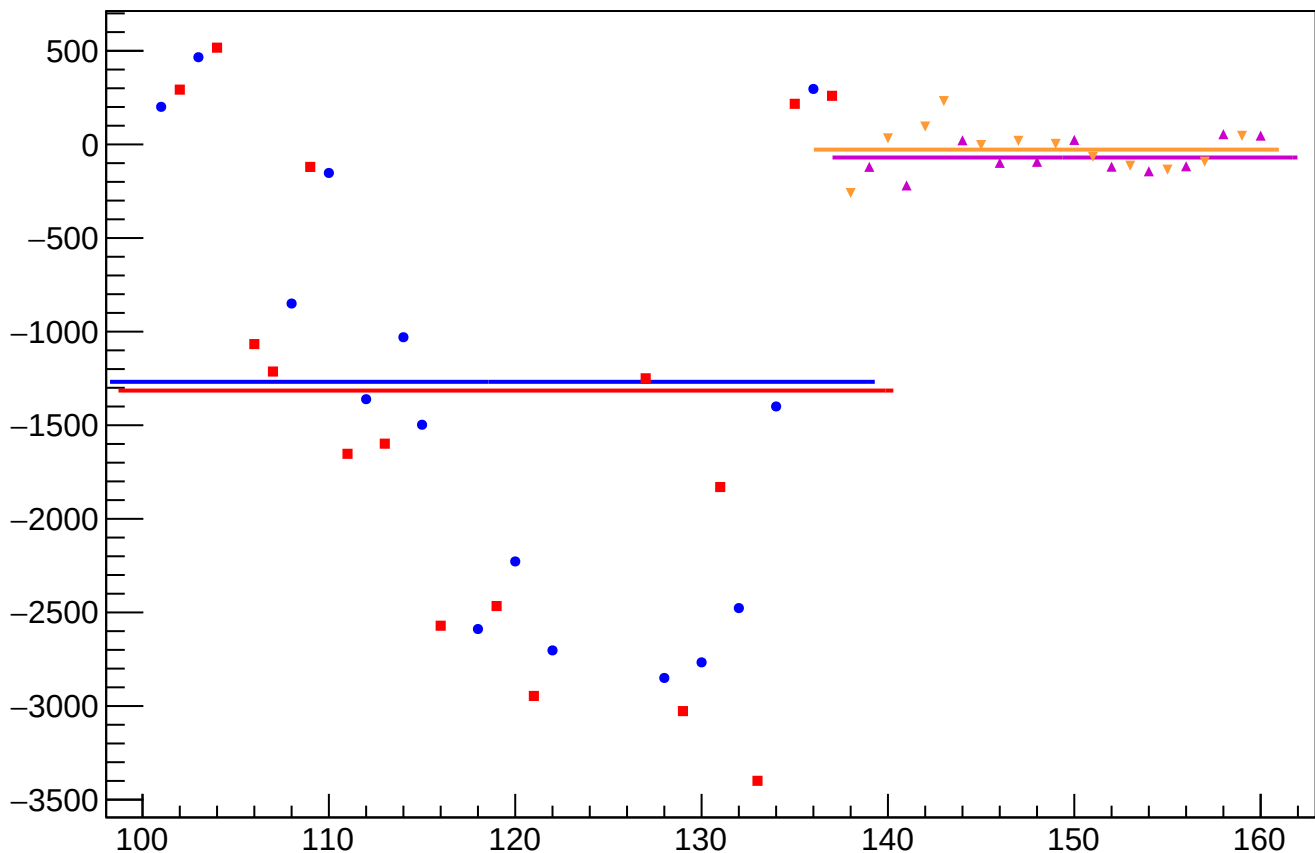
Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567 $\pm$ 0.000 χ^2 /NDF: 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559 $\pm$ 0.000 χ^2 /NDF: 229557109736682123603885764134616170496.0/10

dit_atr2_coil7_Ndata_mean vs Slug



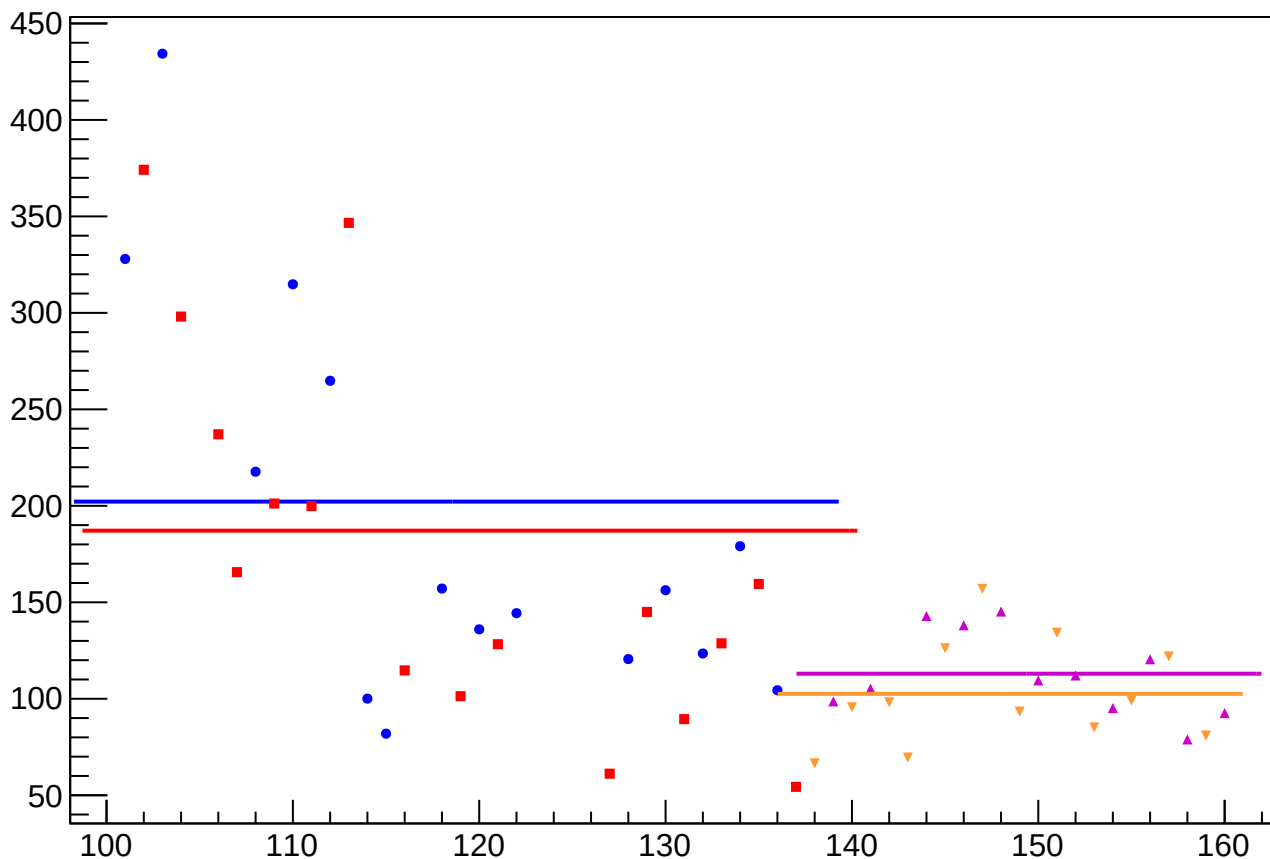
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

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

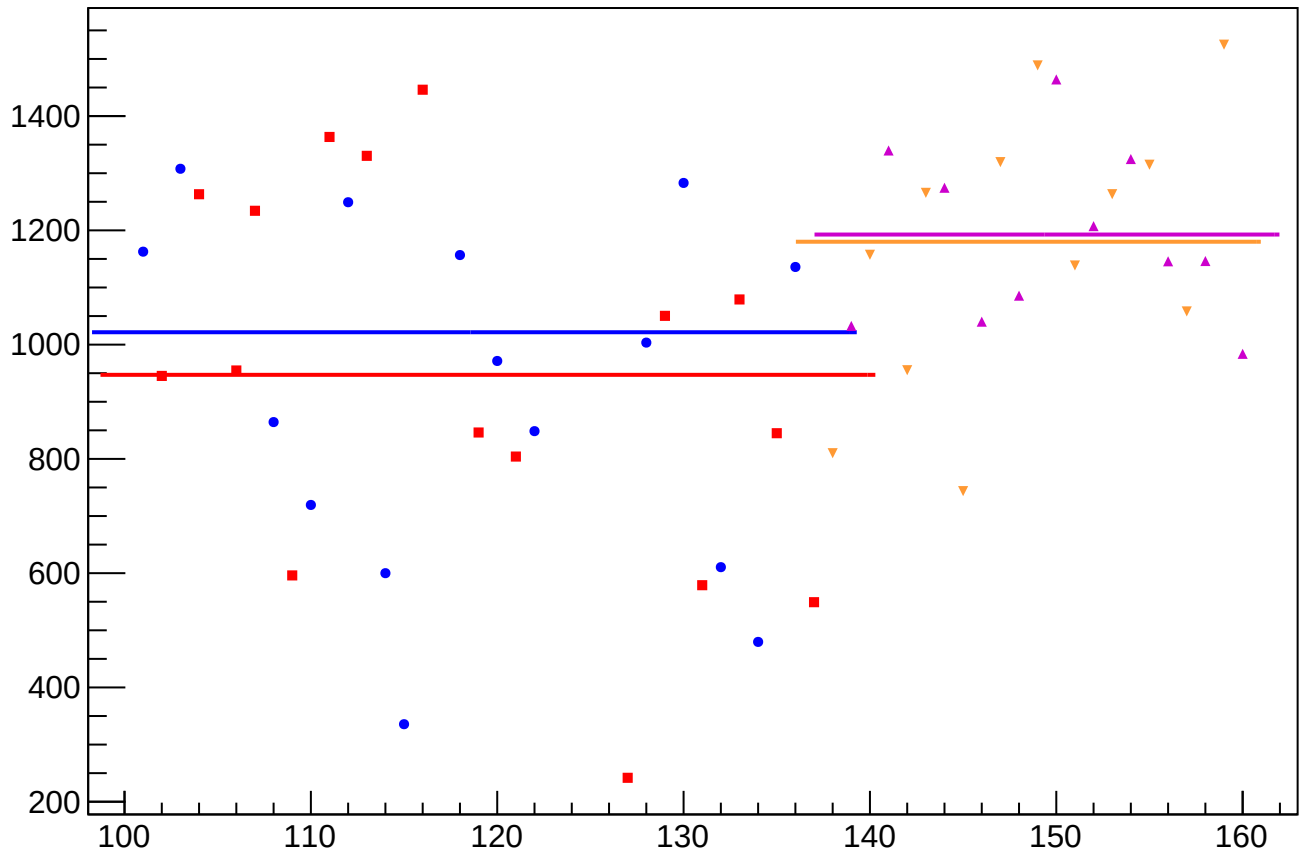
Left In: 112.981+/-0.000 χ^2/NDF : 399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF : 114280634979740

All: 143.994+/-0.000 χ^2/NDF : 20186723766

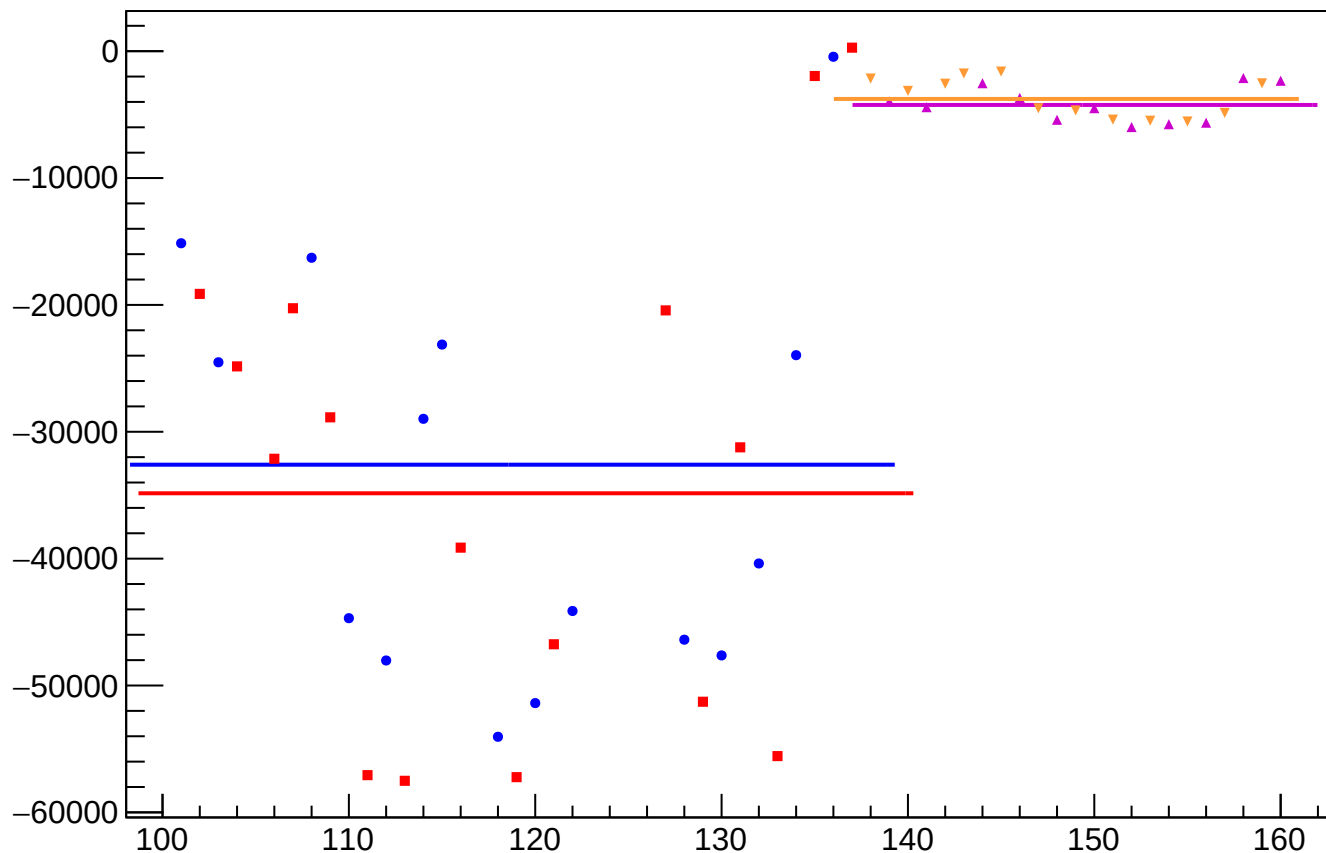
- sign 144.065+/-0.000 χ^2/NDF : 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



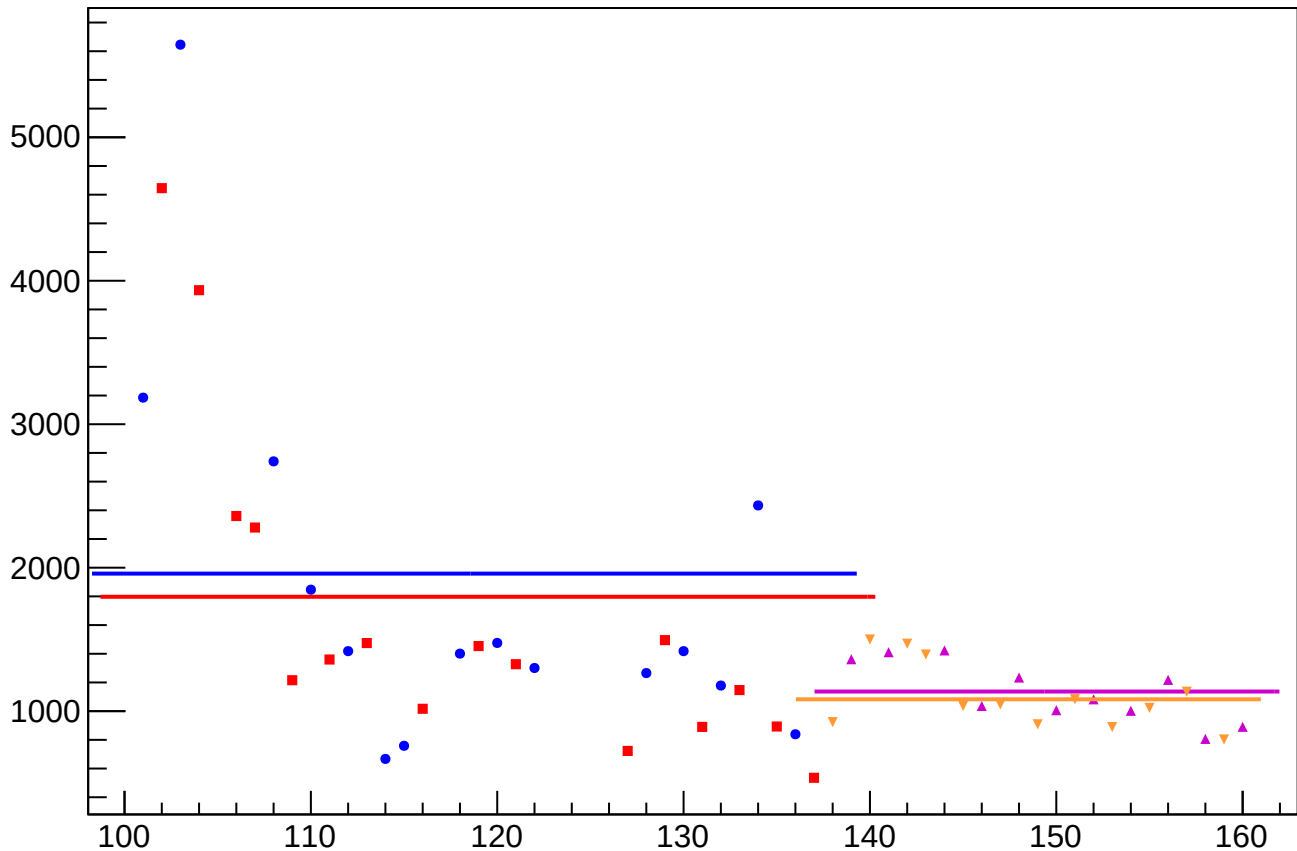
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam2_coil7_mean vs Slug



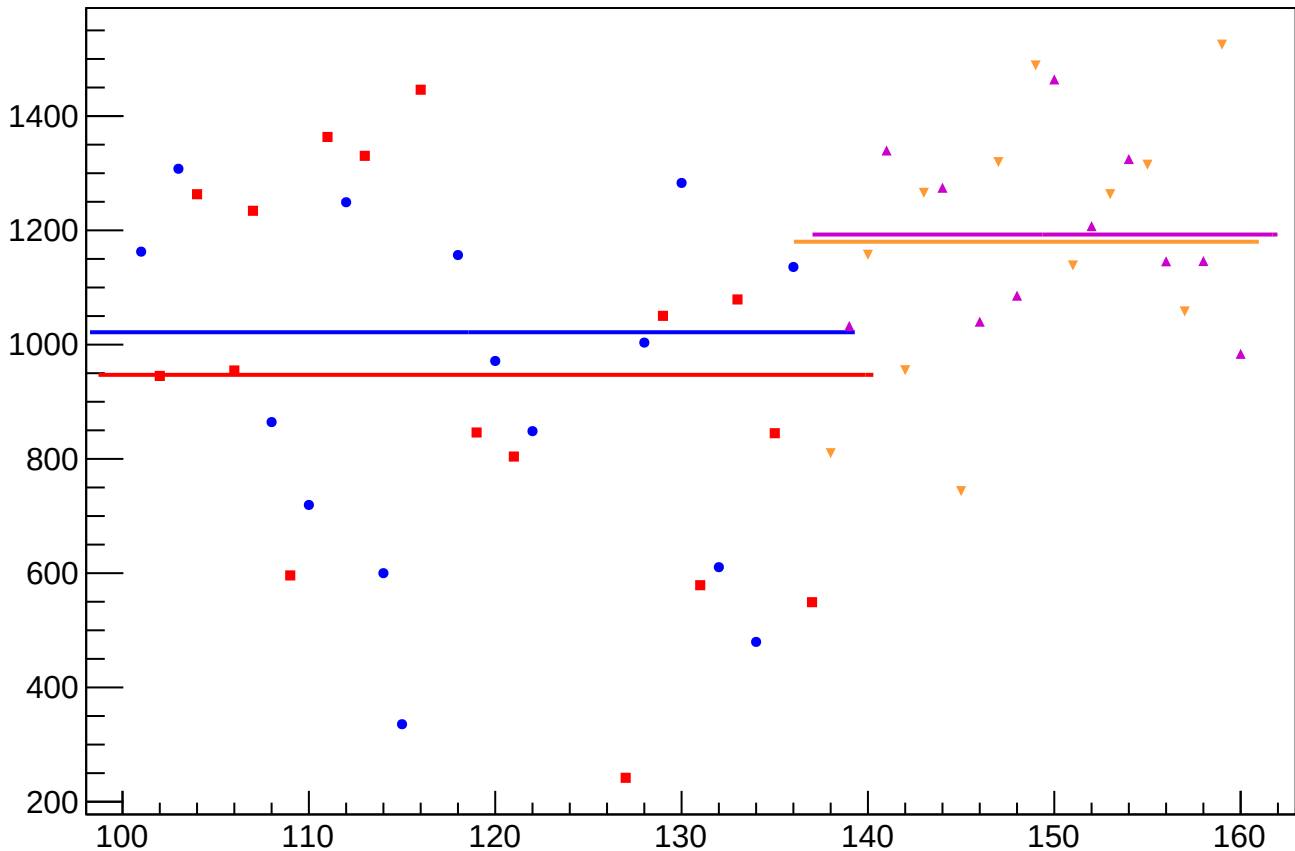
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764 ± 0.000 χ^2/NDF : 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



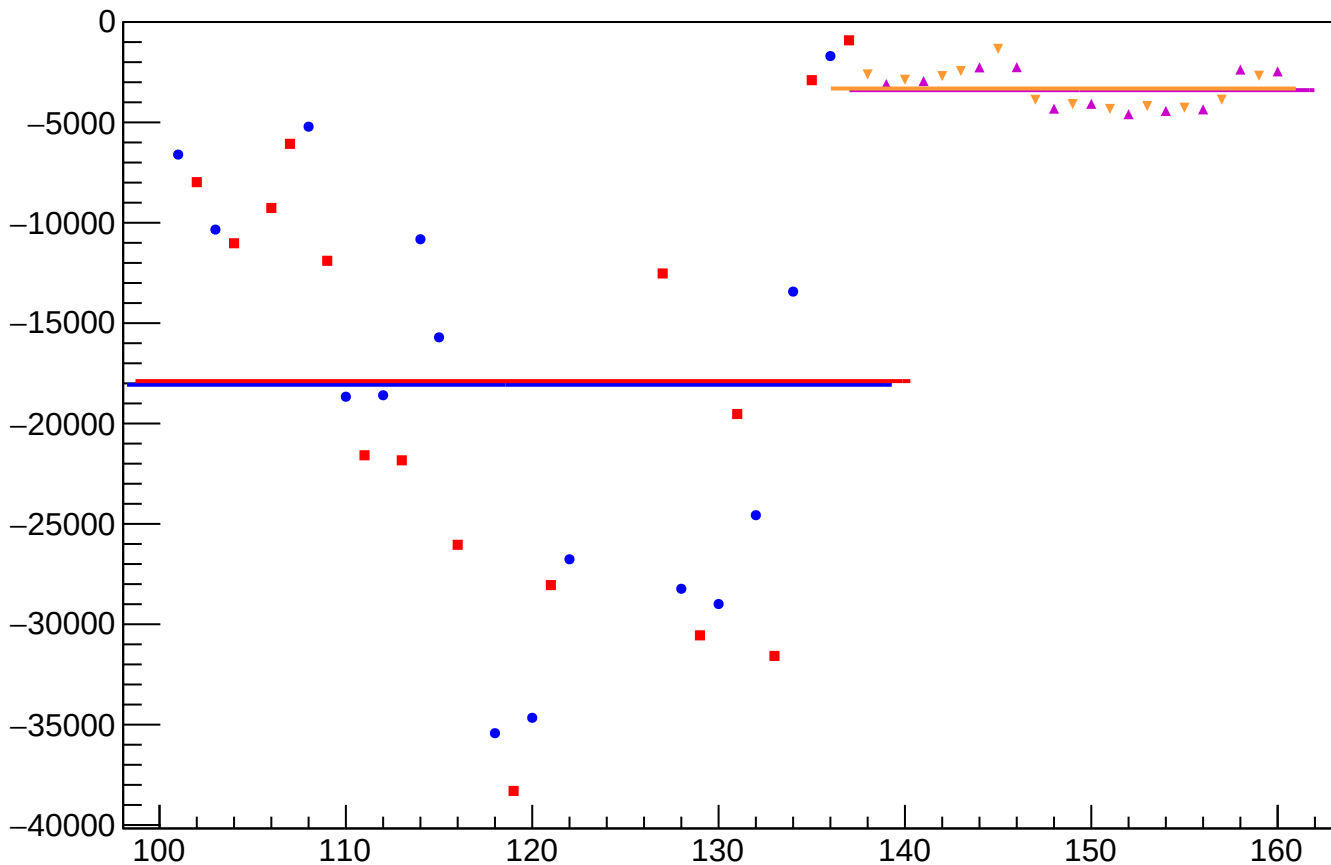
Right In: 1958.835 $\pm$ 0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769 $\pm$ 0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392 $\pm$ 0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738 $\pm$ 0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

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

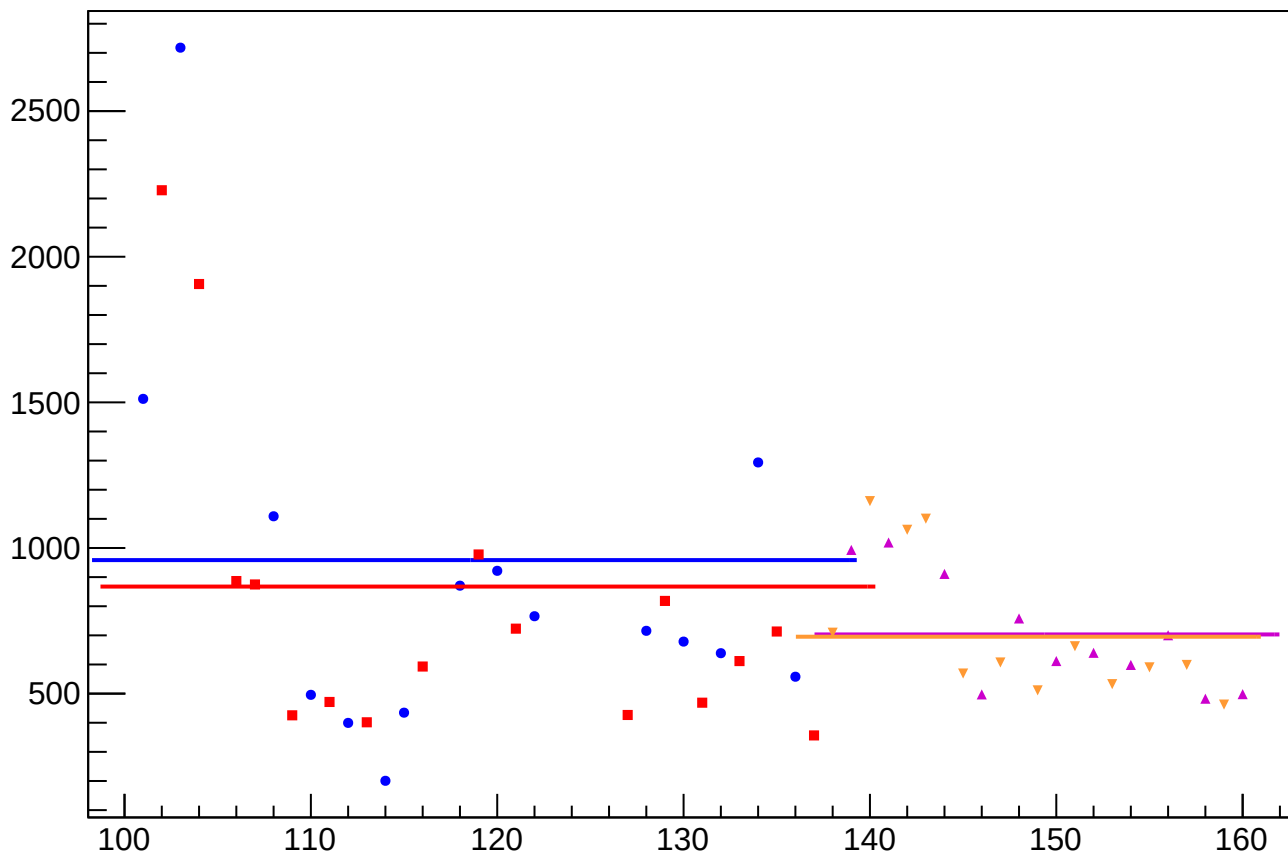
Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15

Left In: -3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10

All: -9455.112+/-0.000 χ^2/NDF : 3283182119

- sign -9470.625+/-0.000 χ^2/NDF : 16058620926357

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

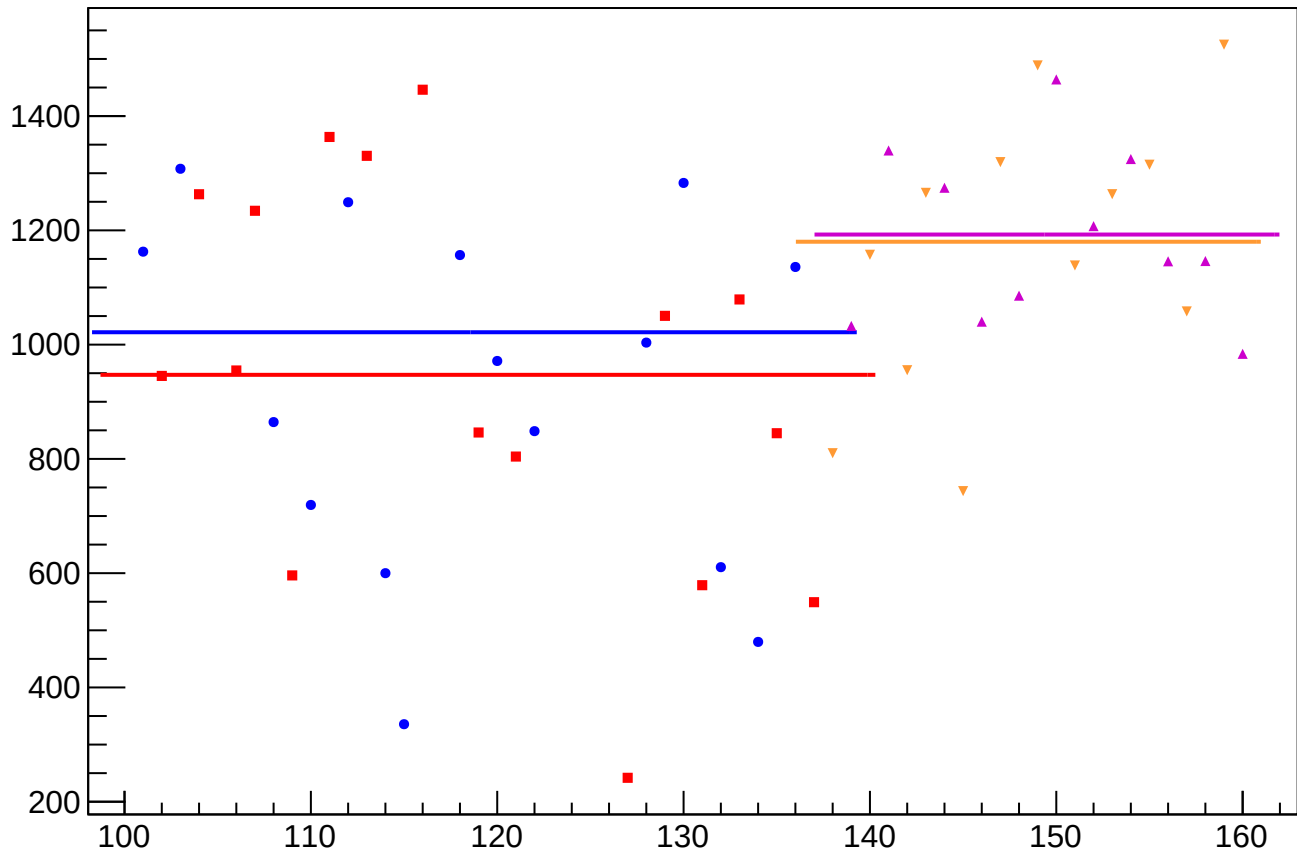
Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

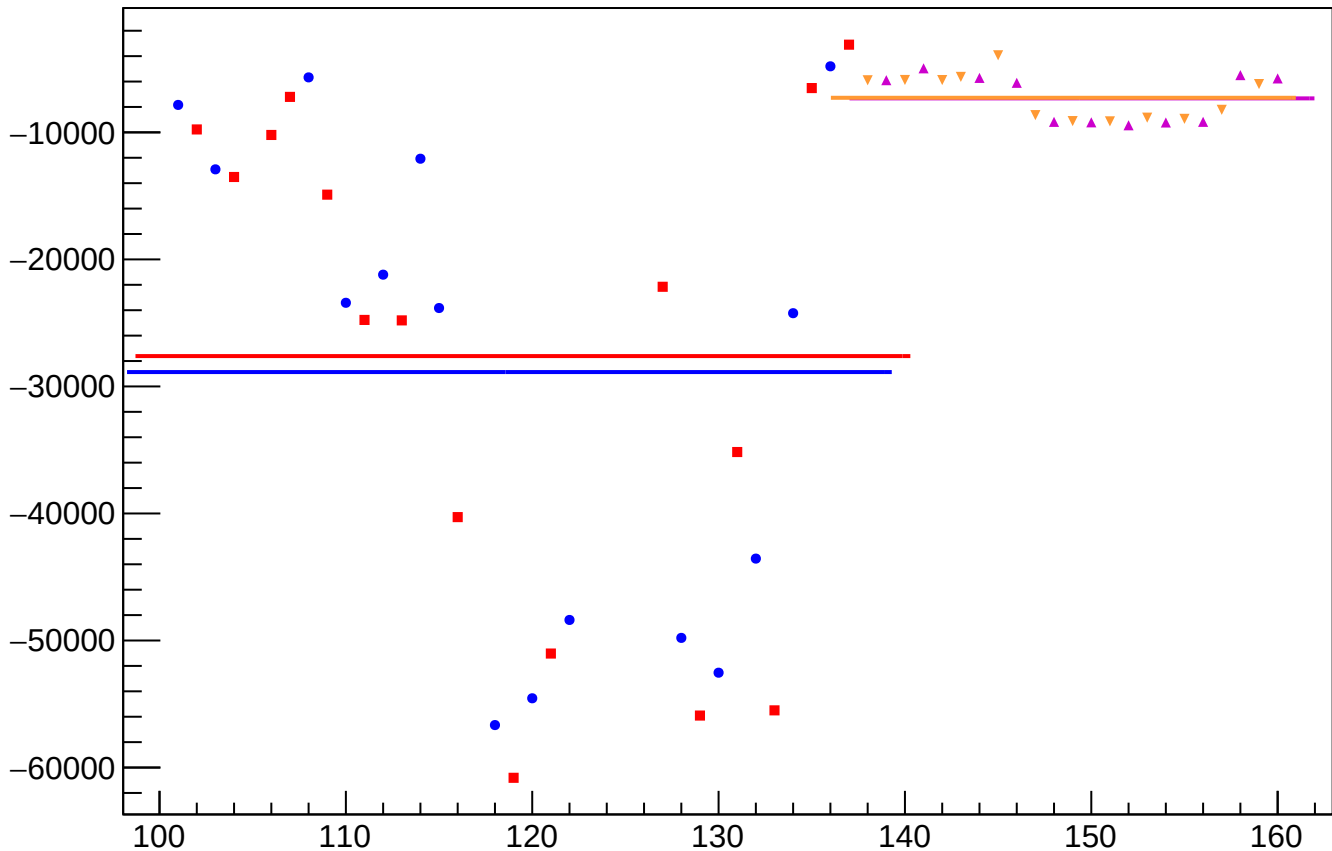
All: 788.186+/-0.000 χ^2/NDF : 598468024963

dit_sam3_coil7_Ndata_mean vs Slug



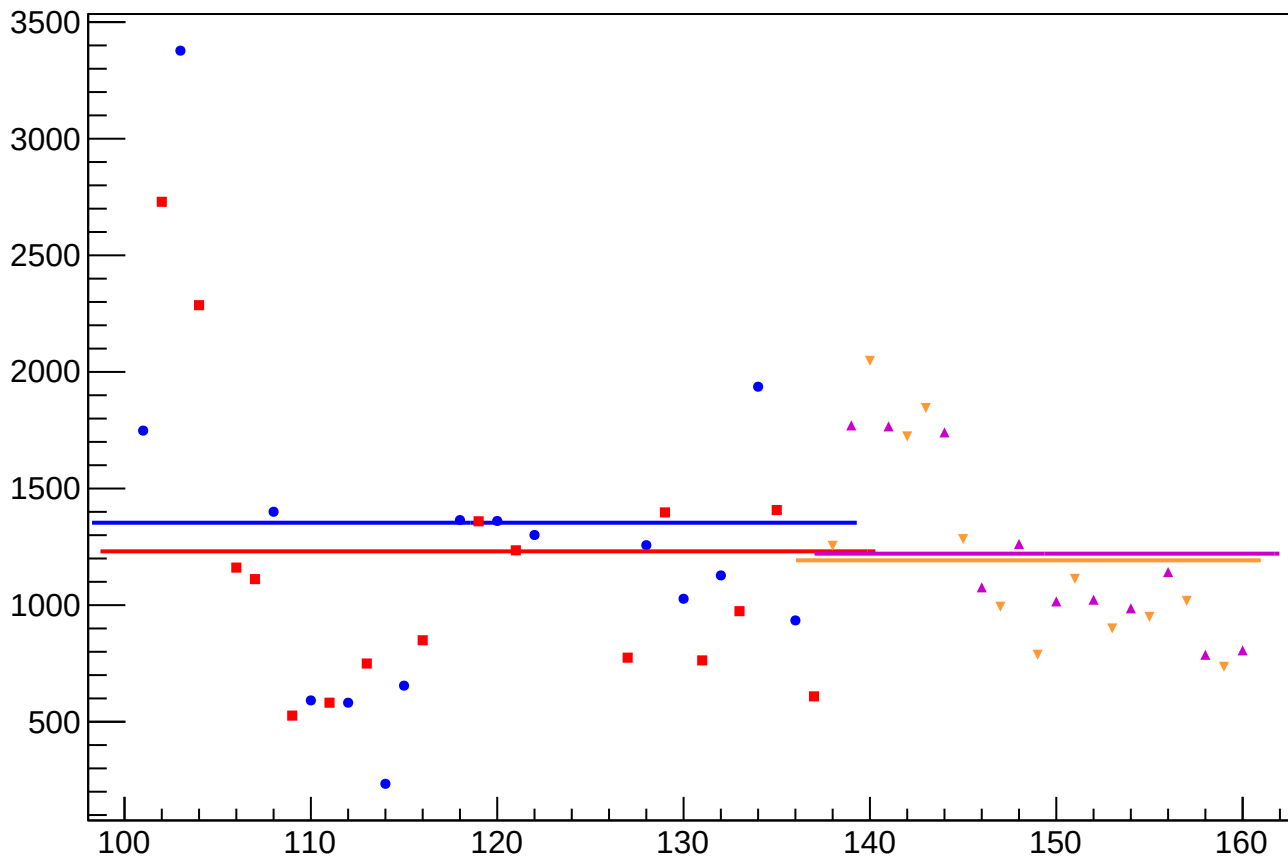
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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



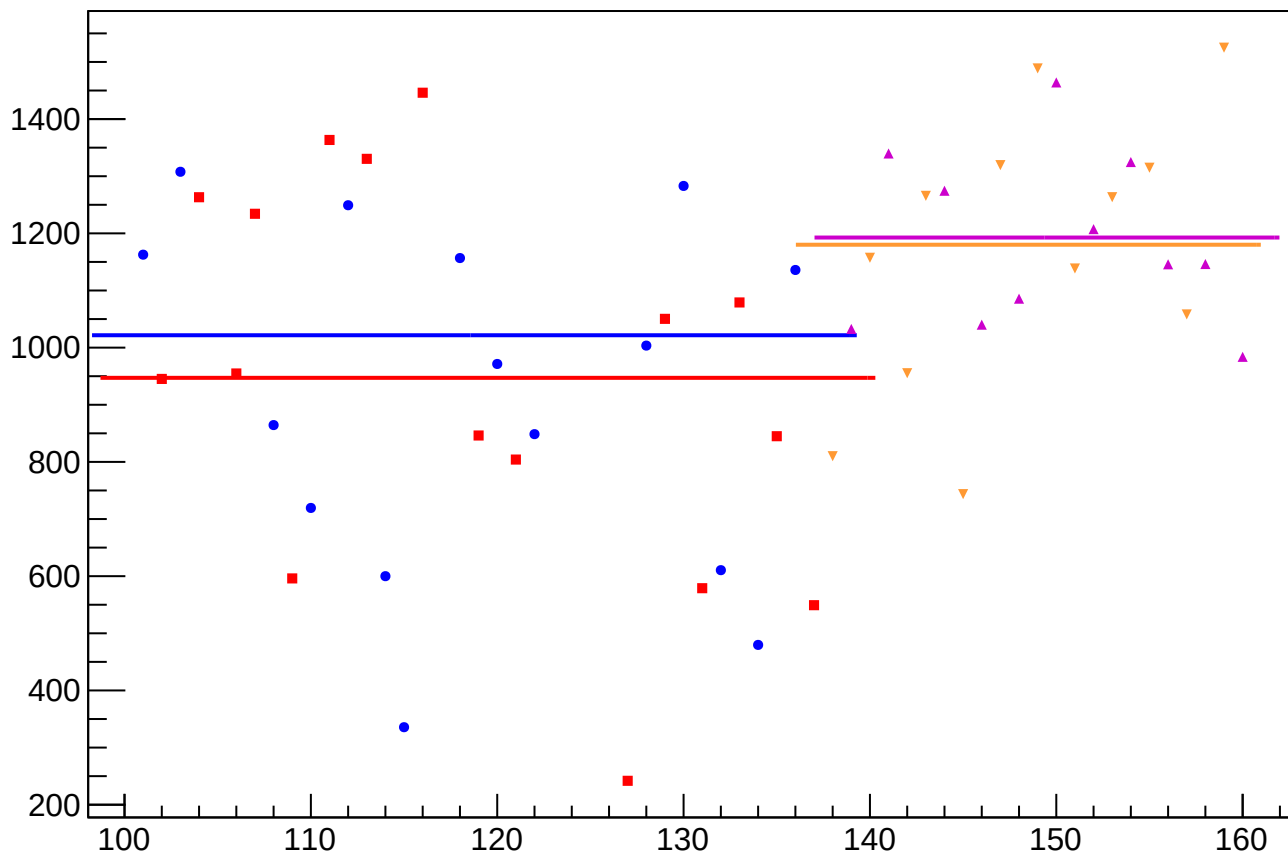
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

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

dit_sam4_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

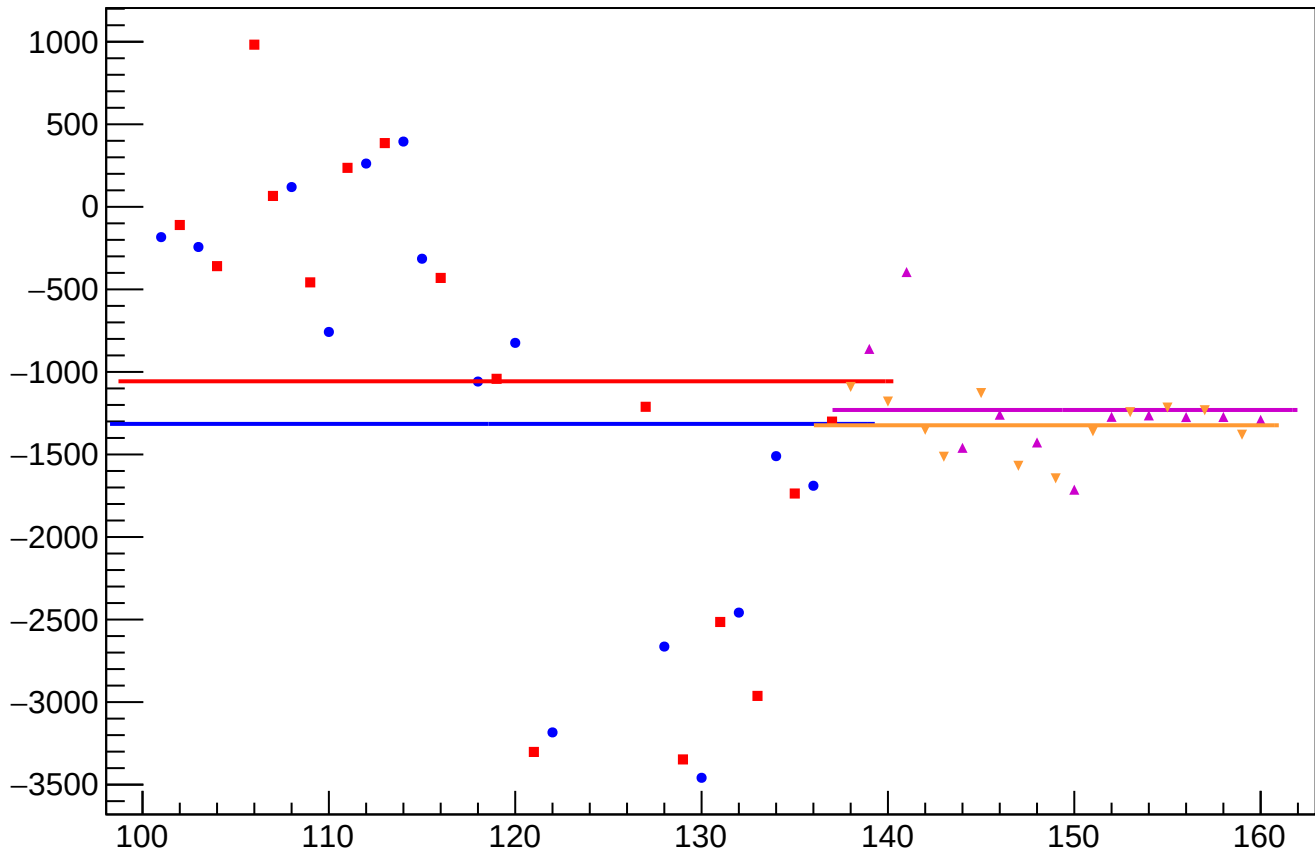
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

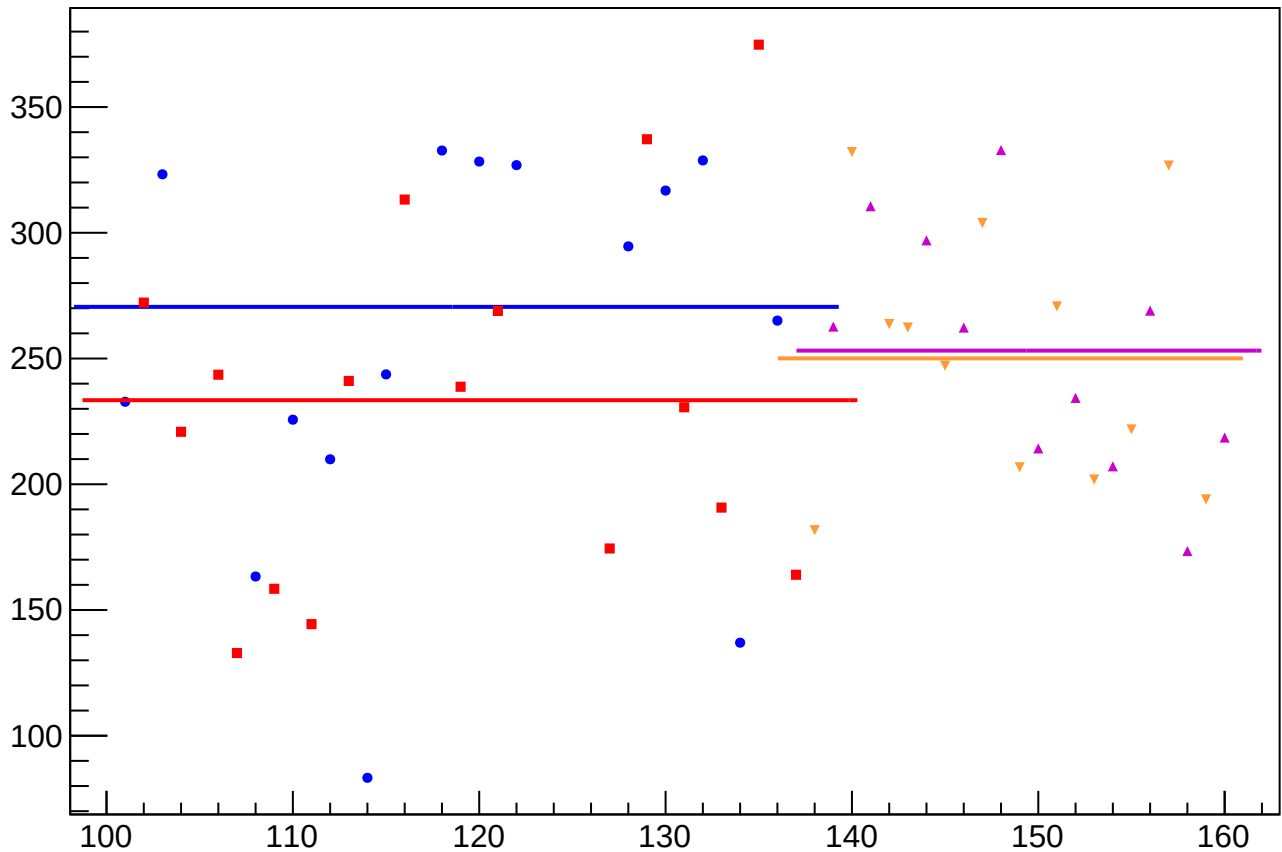
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_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 $\chi^2/\text{NDF} = 100431691068850056086409132460520505344.0/10$

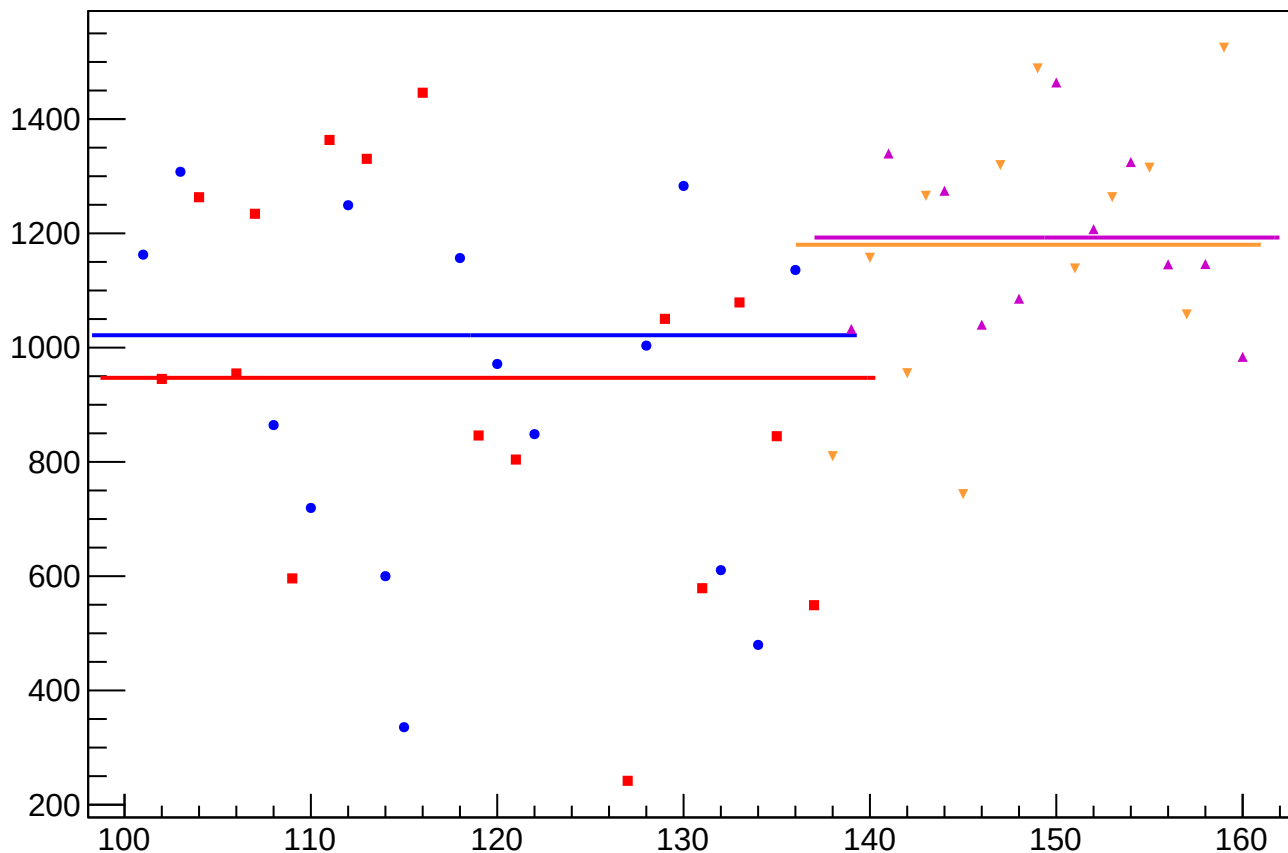
dit_sam5_coil7_err_mean vs Slug



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

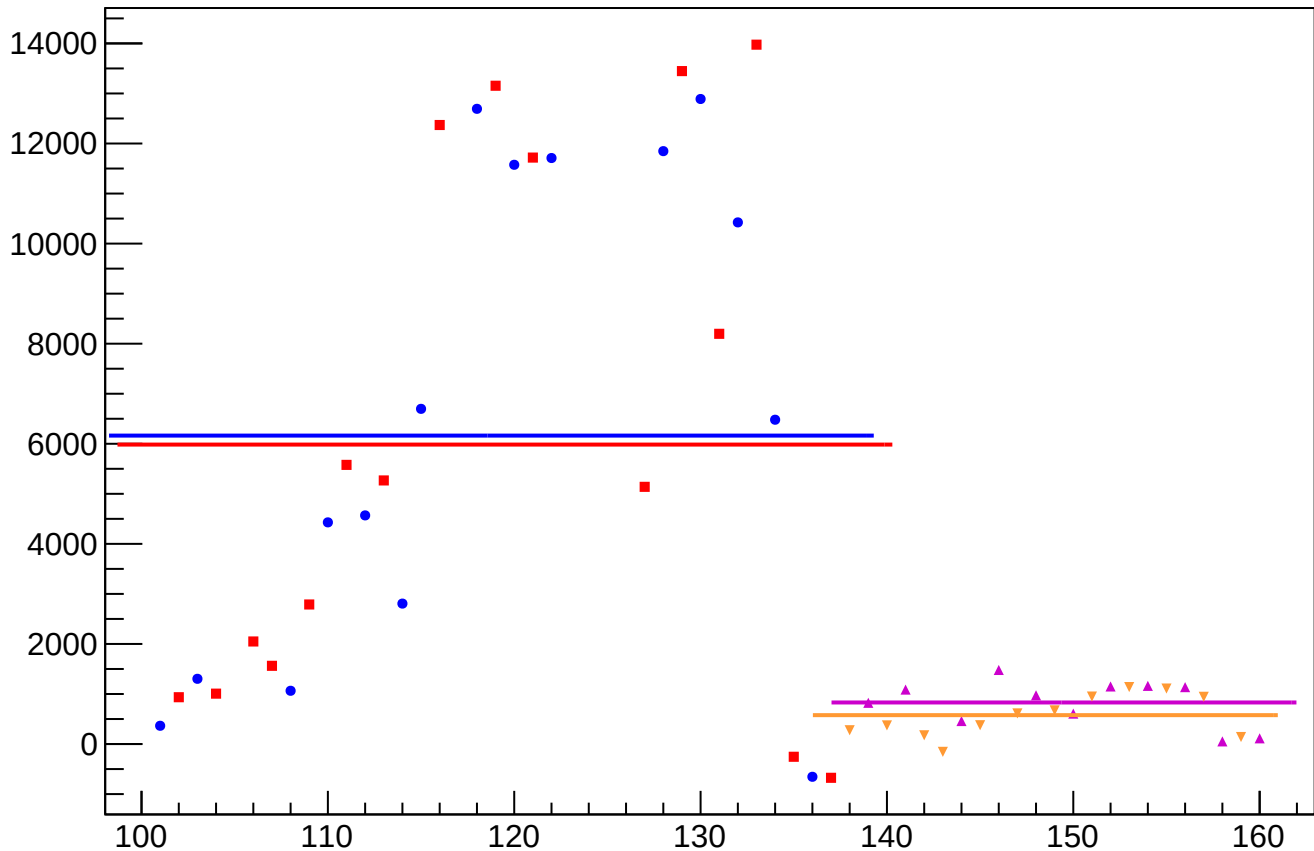
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

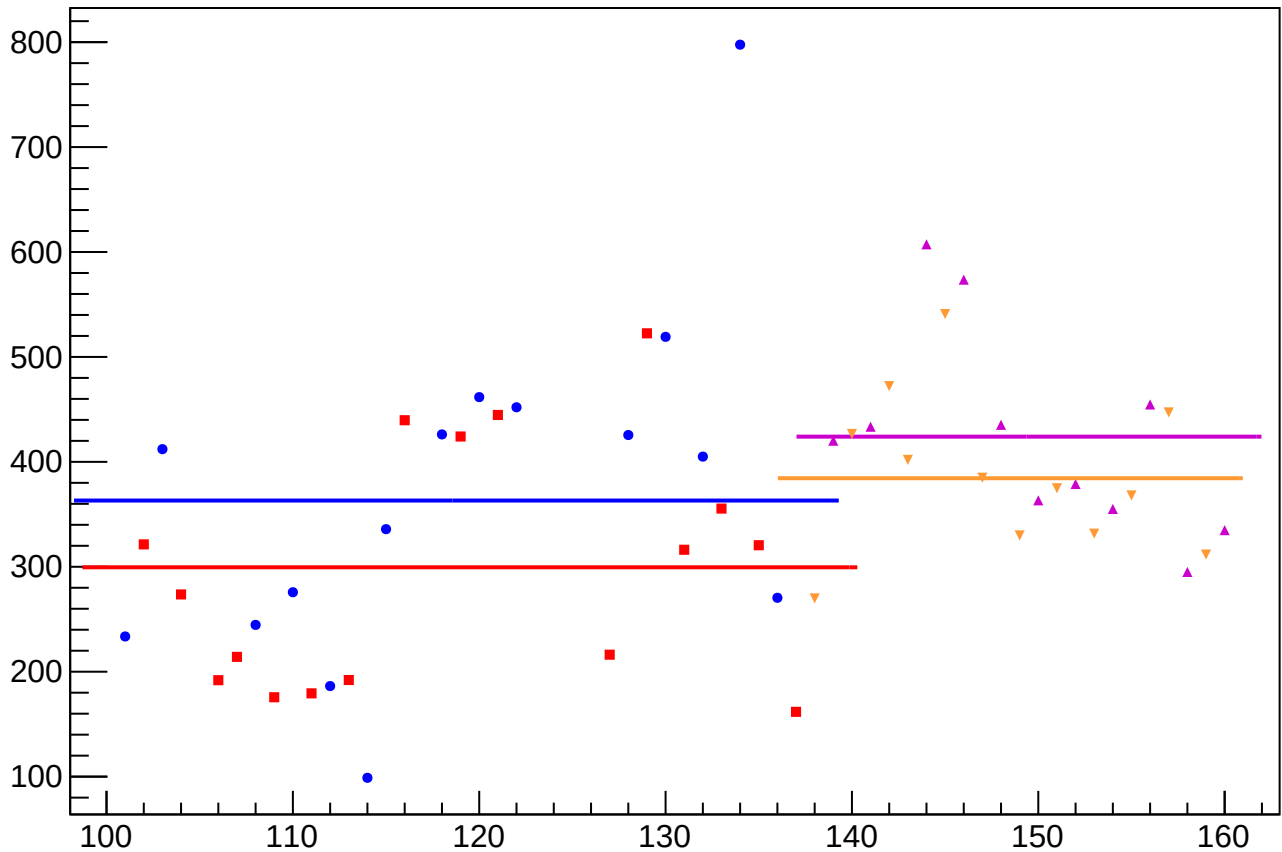
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

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

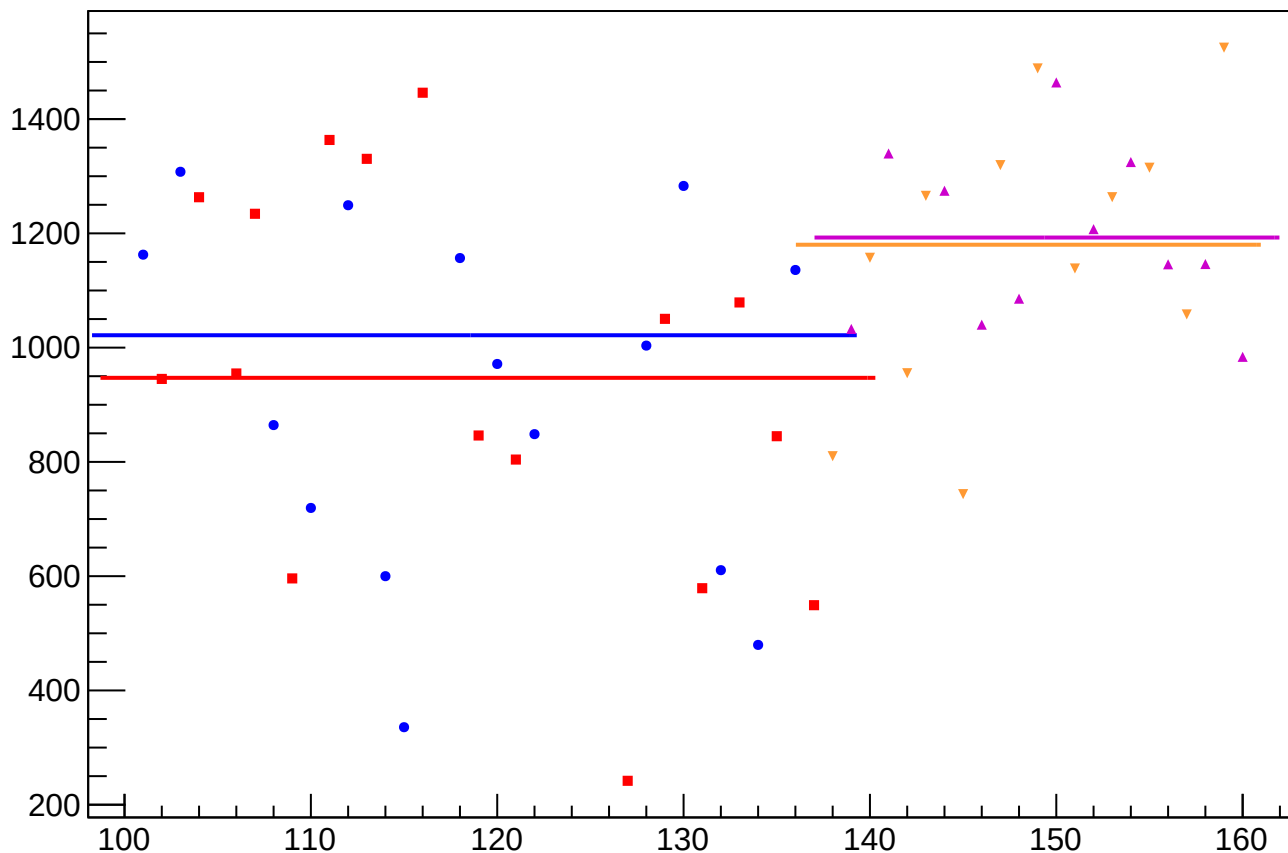
dit_sam6_coil7_err_mean vs Slug



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

+ sign 375.568+/-0.000 χ^2/NDF : 163777394222651
 All: 373.683+/-0.000 χ^2/NDF : 37893357873
 - 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

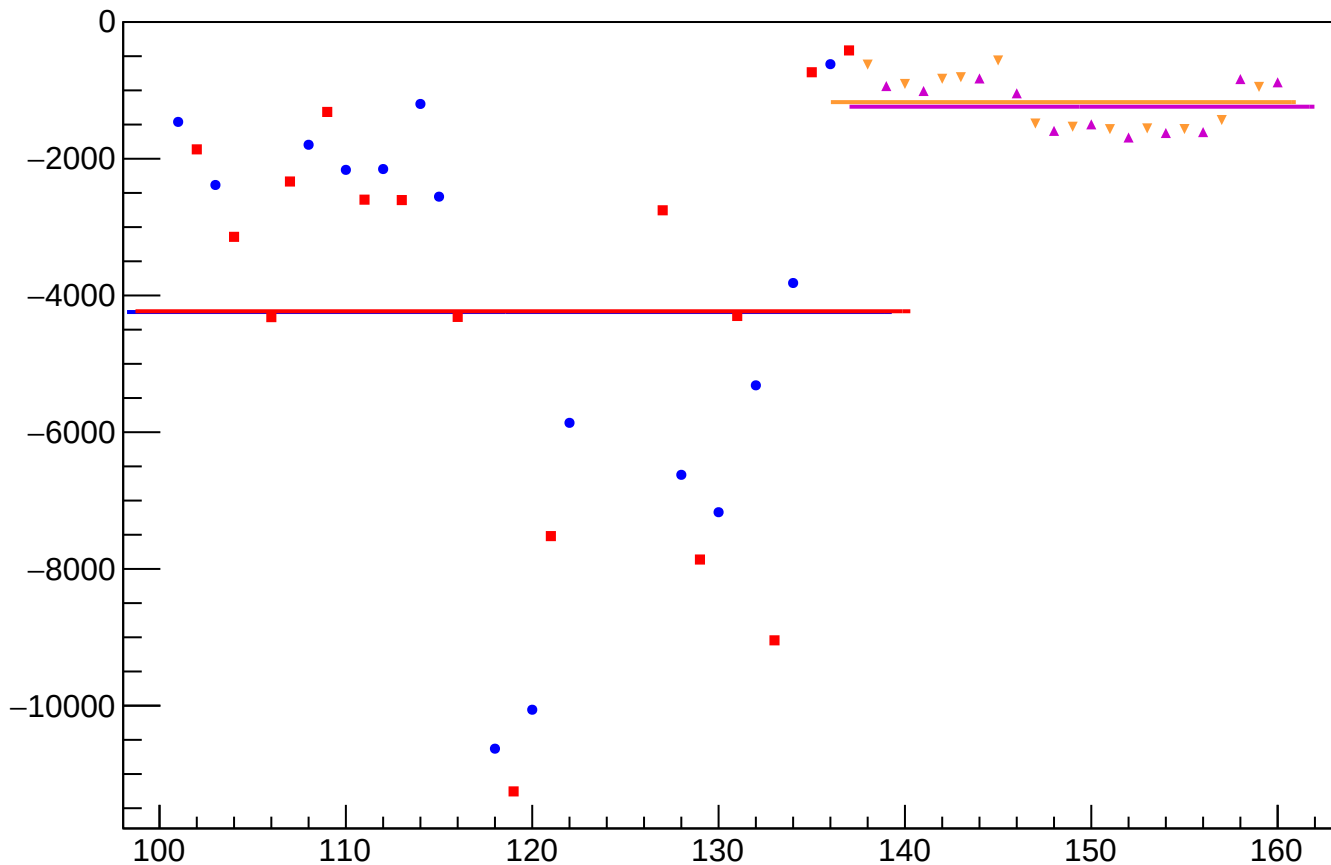
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ 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

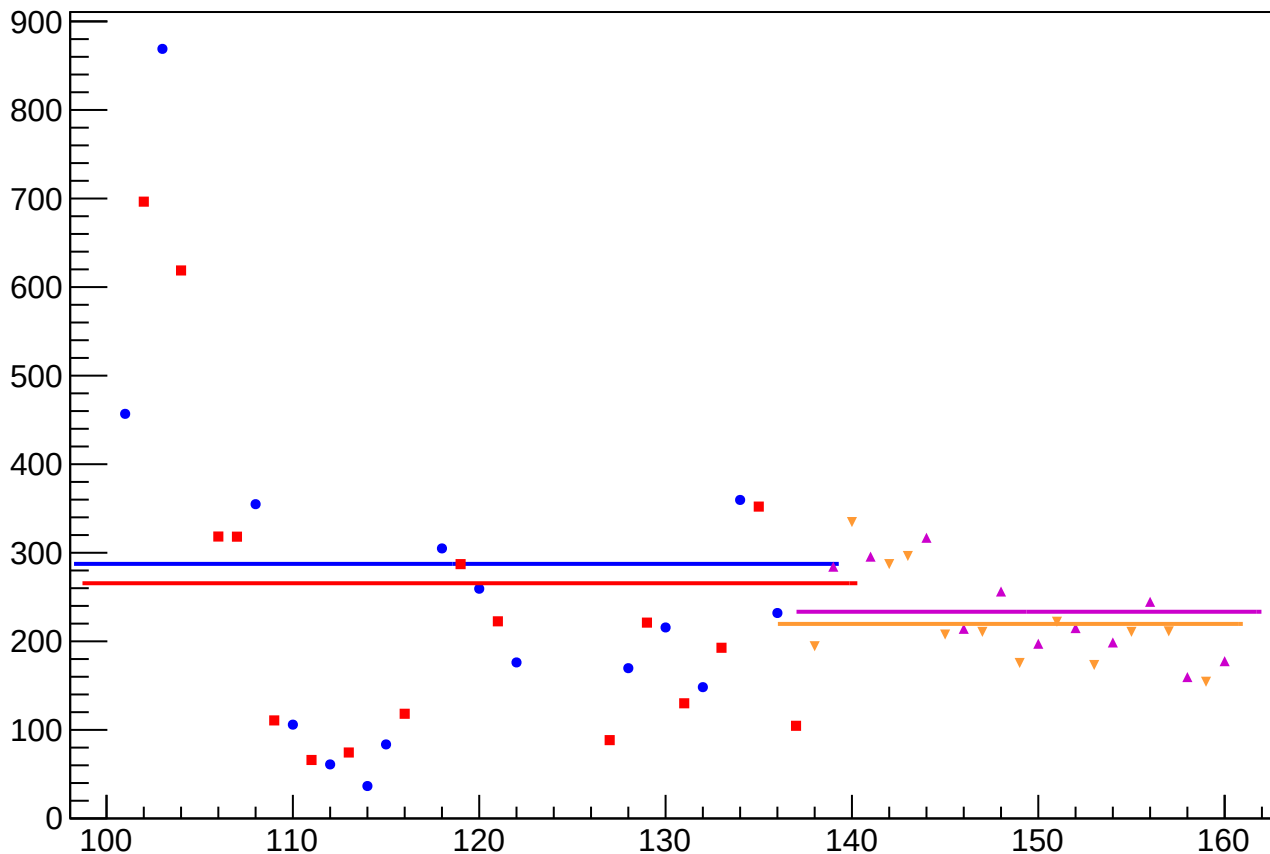
dit_sam7_coil7_mean vs Slug



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

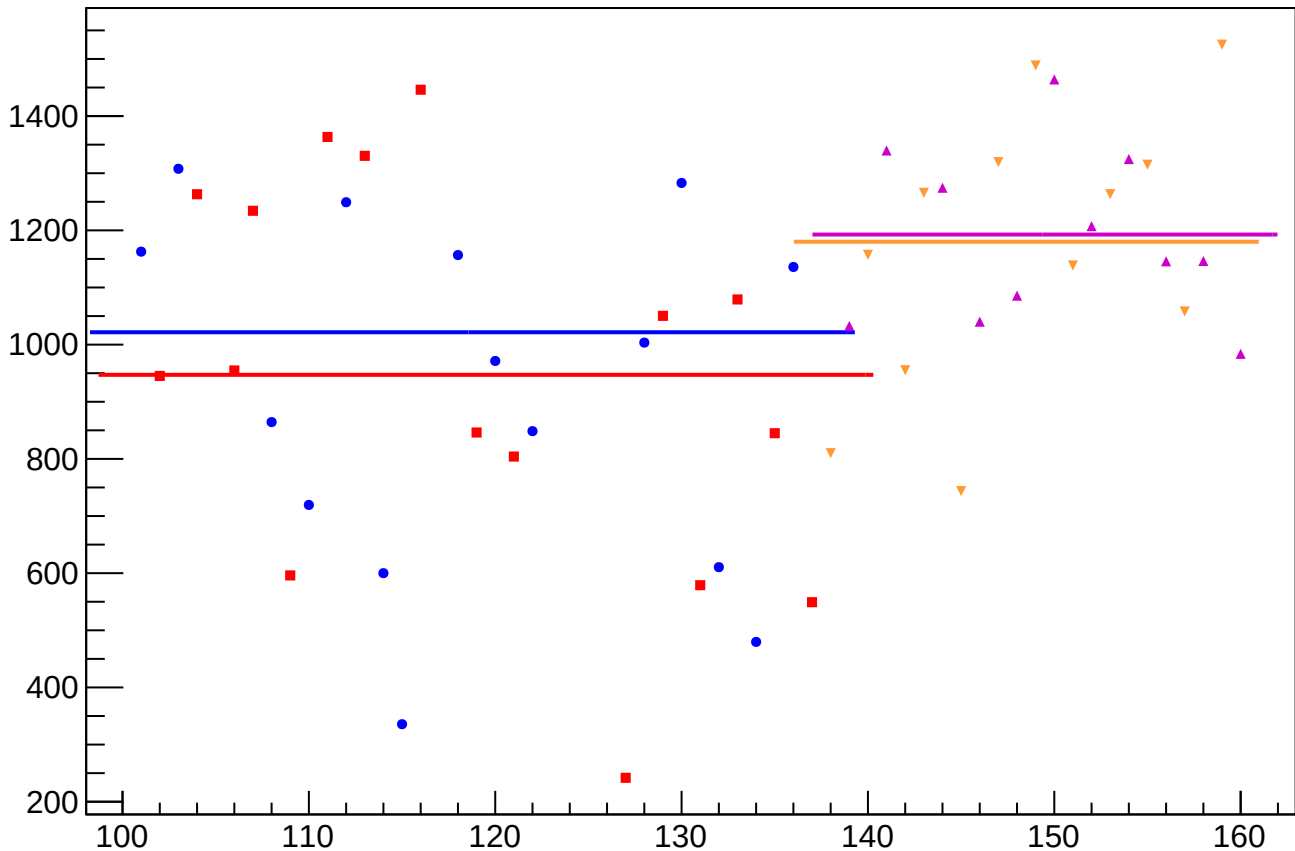
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.819+/-0.000 χ^2/NDF : 337165020245446

All: 247.353+/-0.000 χ^2/NDF : 621333161036

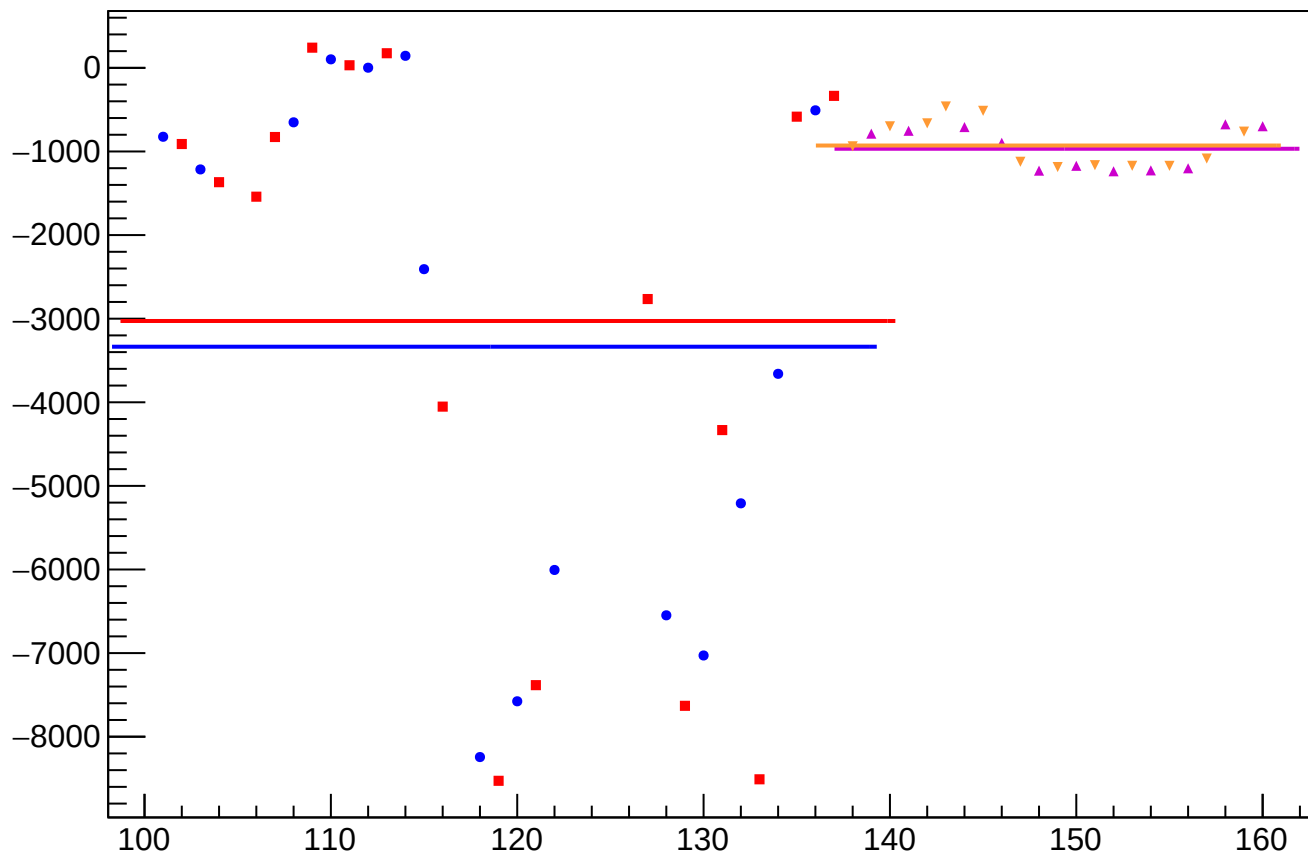
- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



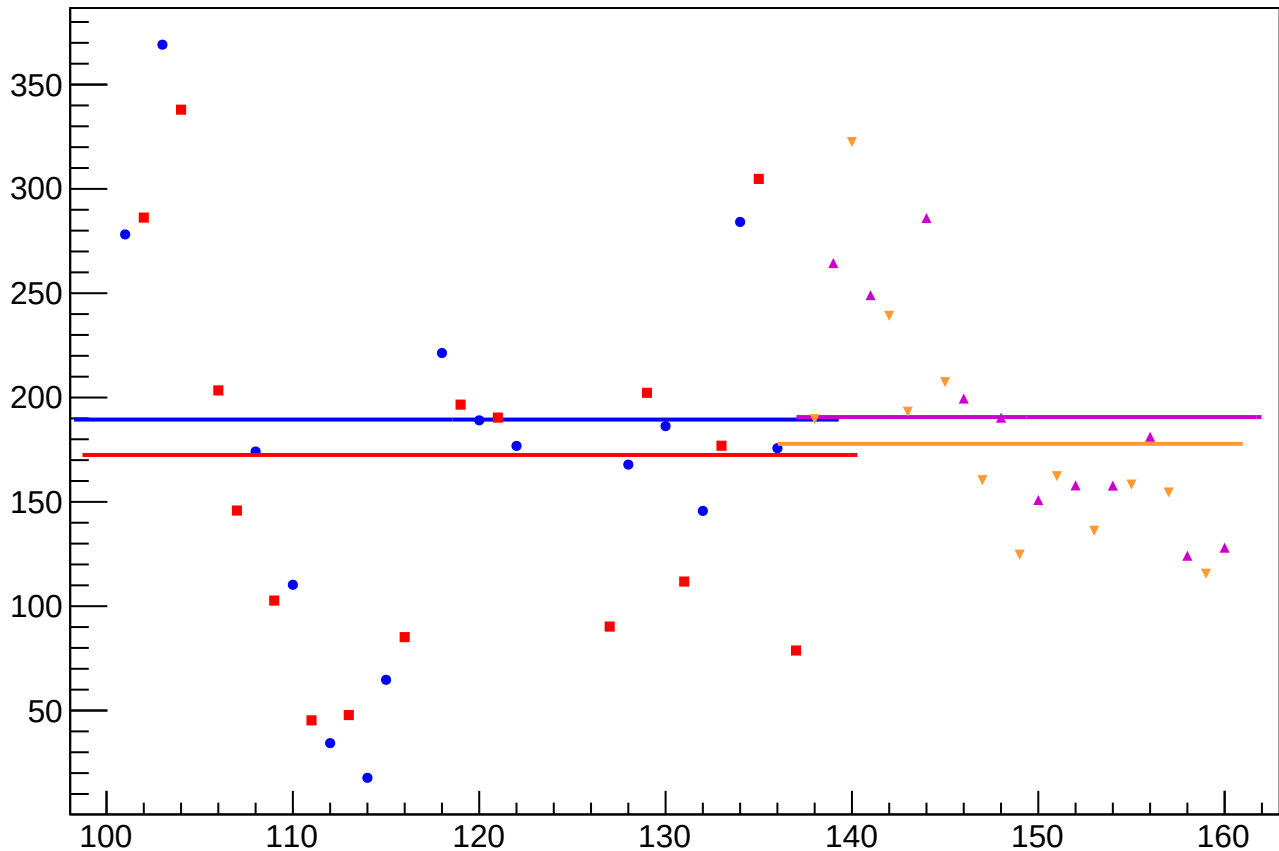
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam8_coil7_mean vs Slug



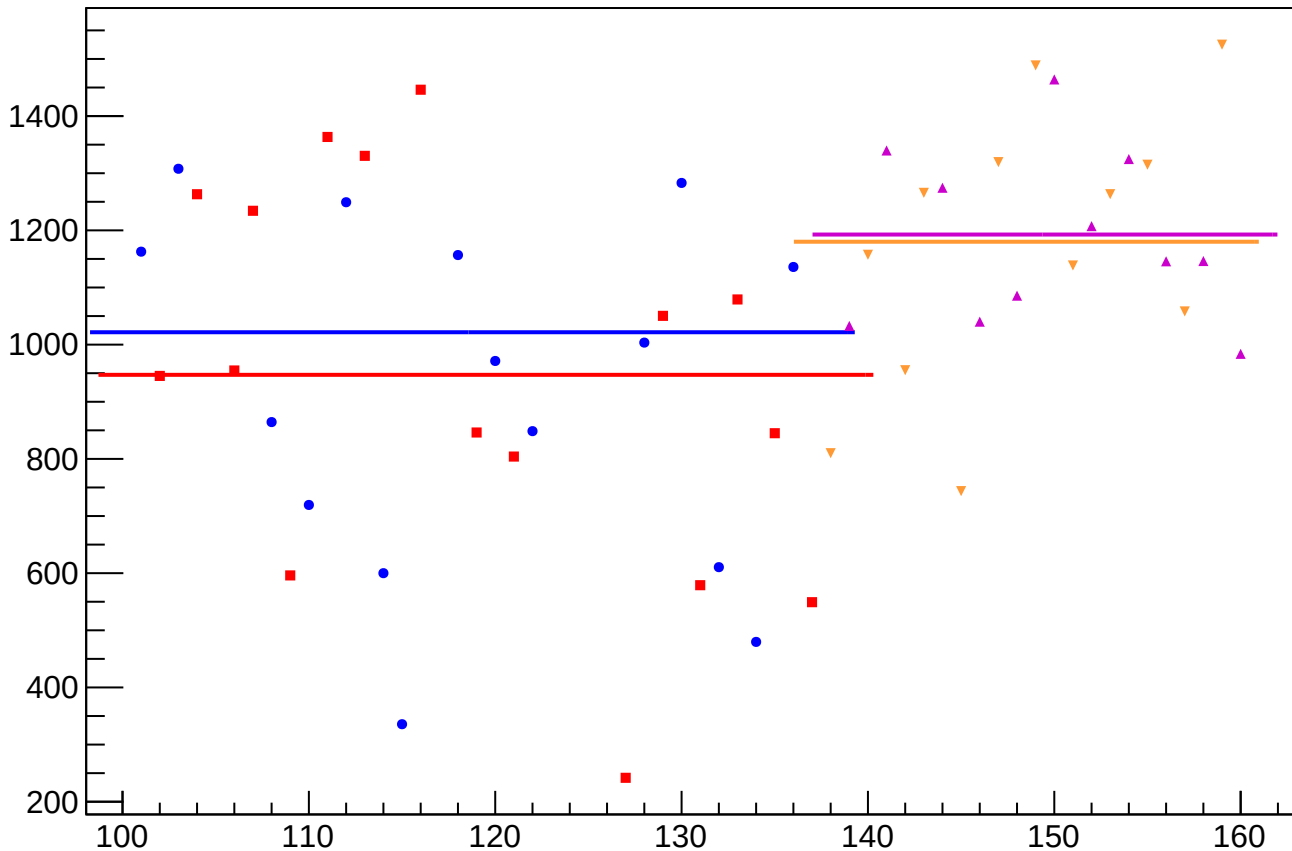
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -928.862+/-0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568+/-0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

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

dit_sam8_coil7_Ndata_mean vs Slug



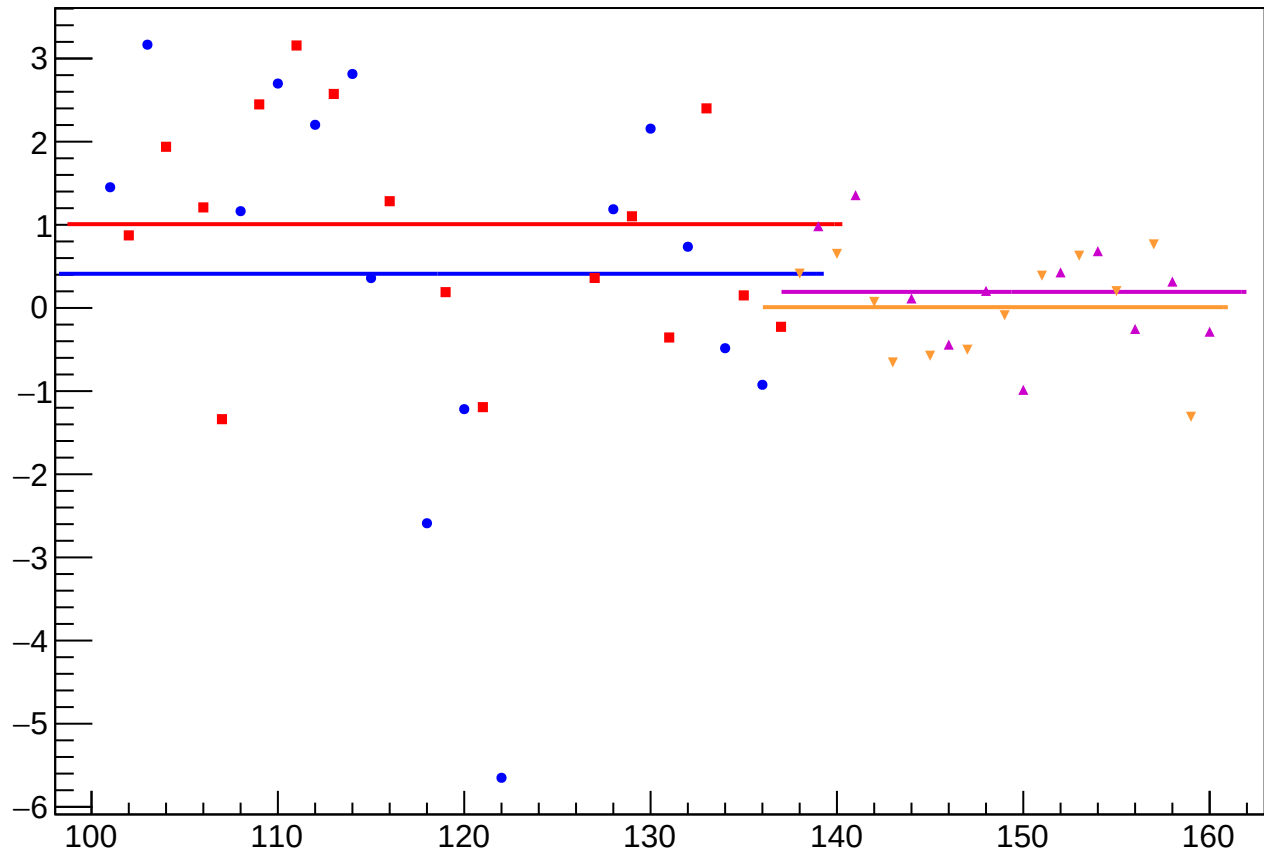
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 6778465601193652151169668028018196480.0/15

Left In: 1192.687+/-0.000 χ^2/NDF :19255287383728205662654022867381911552.0/10

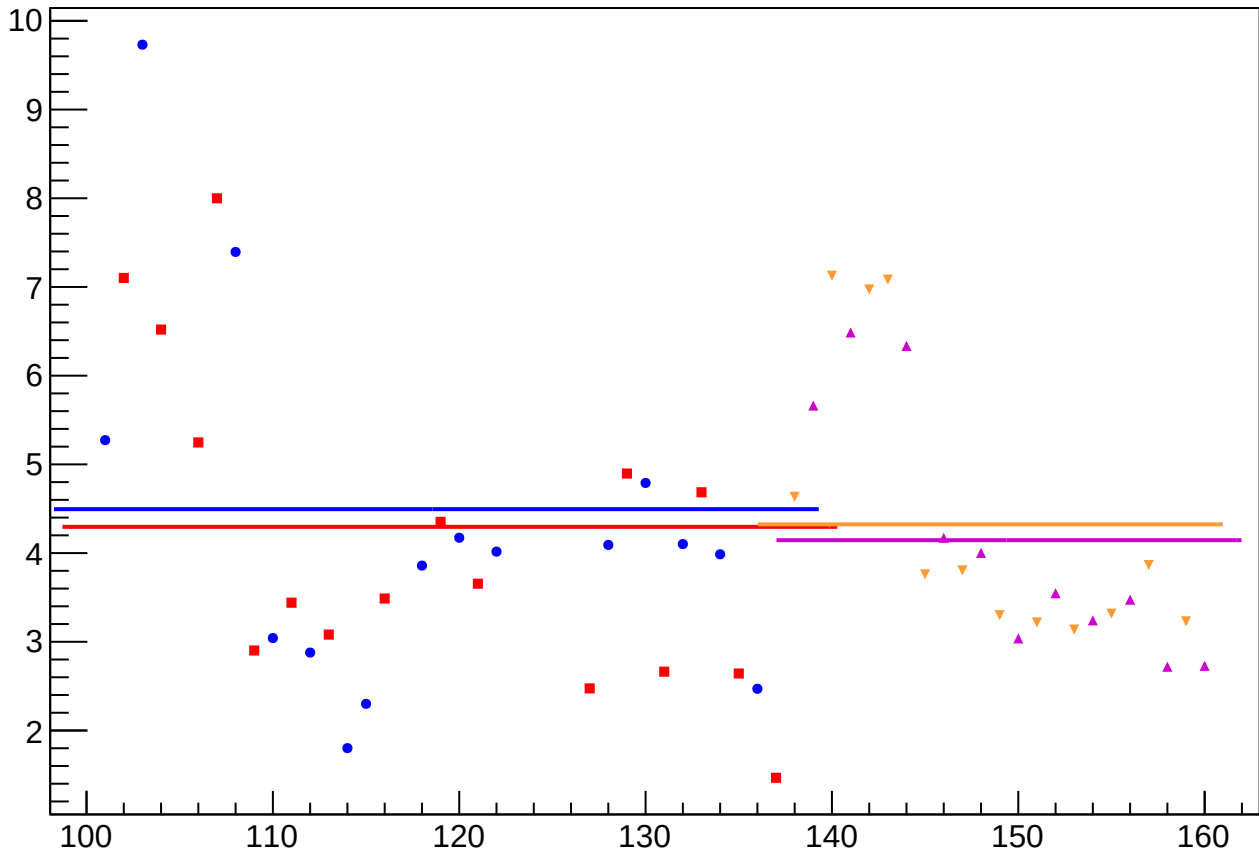
dit_4aX_coil4_mean vs Slug



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

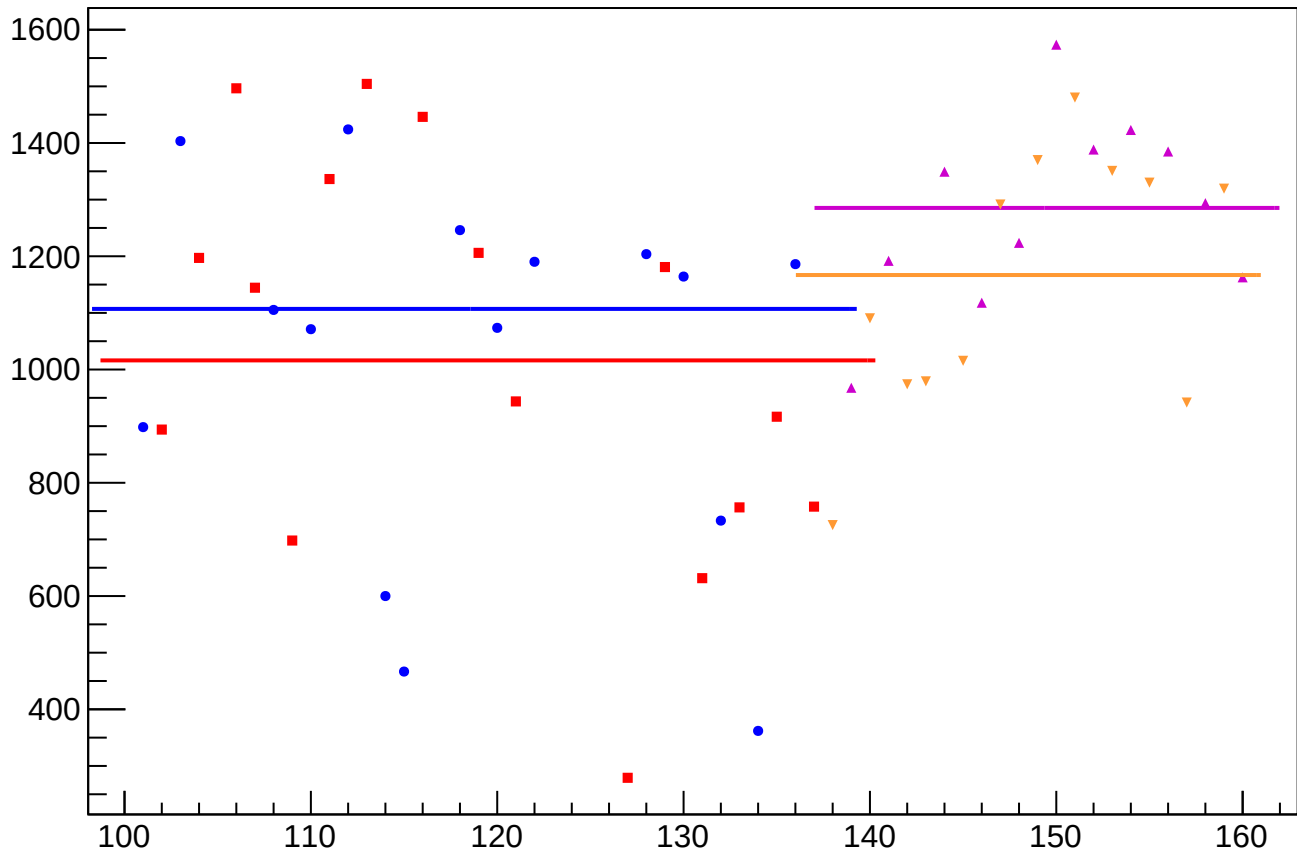
+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763
 All: 0.357+/-0.000 χ^2/NDF : 56741679110622
 - sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



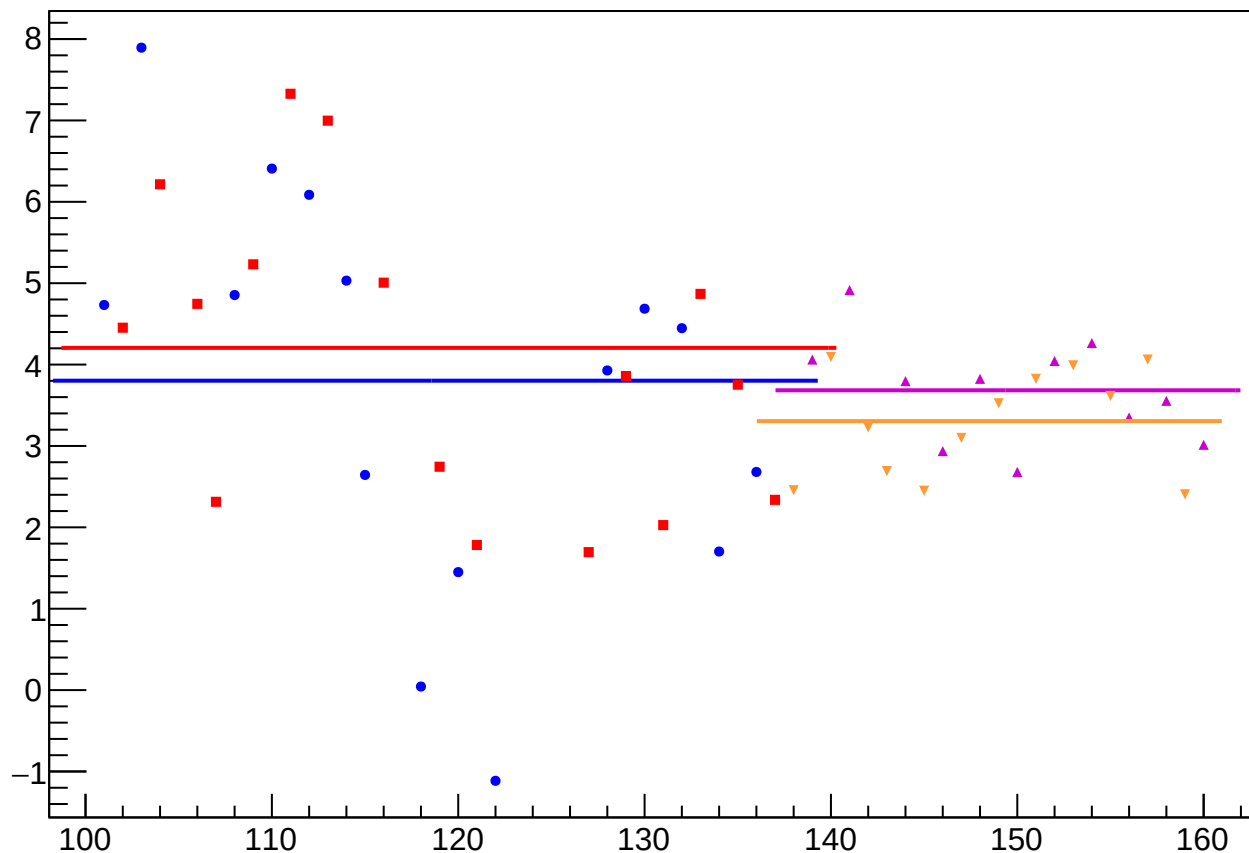
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

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
 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

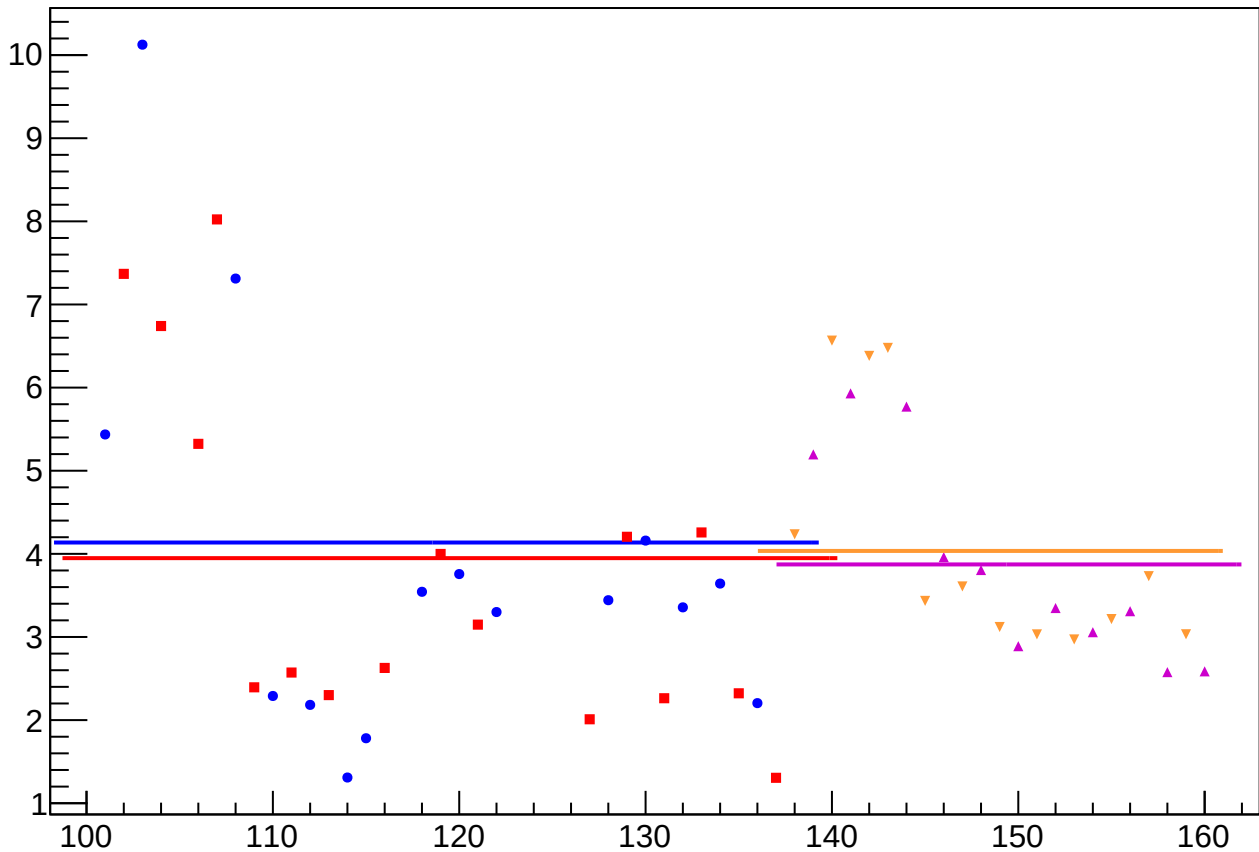
dit_4eX_coil4_mean vs Slug



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

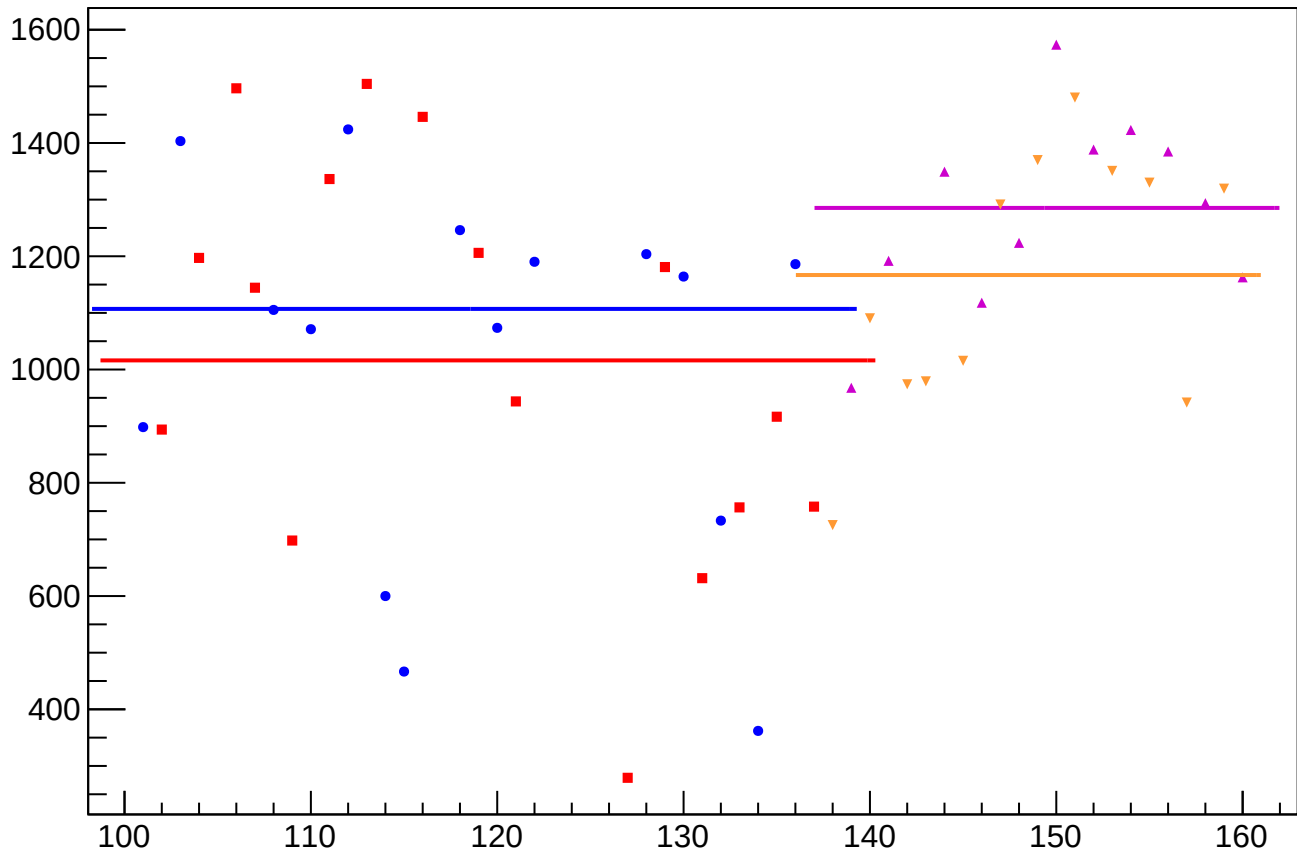
+ sign 3.512+/-0.000 χ^2/NDF : 42645411605619782
 All: 3.709+/-0.000 χ^2/NDF : 6952977853900
 - sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

dit_4eX_coil4_err_mean vs Slug

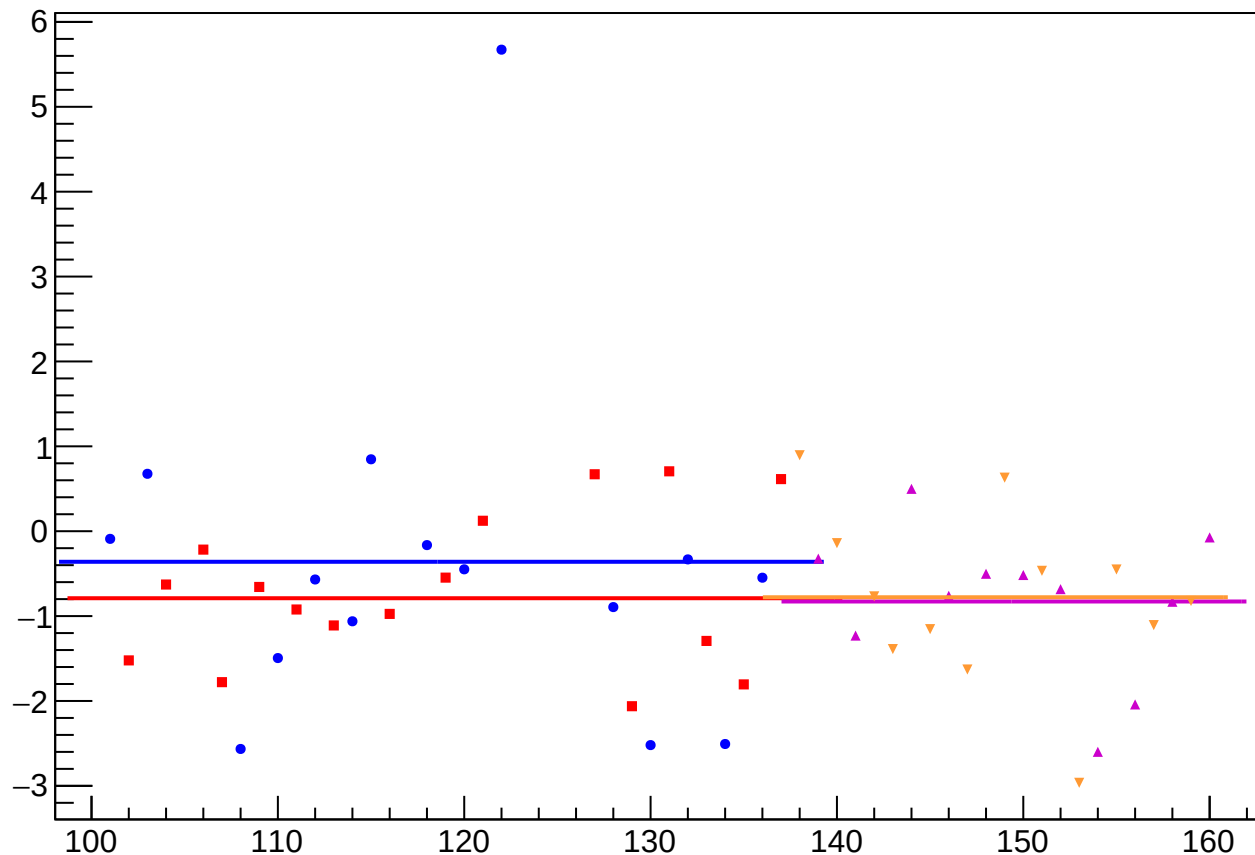


Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.035 ± 0.000 χ^2/NDF : 1609299061352578548486150138363904.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



dit_11X12X_coil4_mean vs Slug



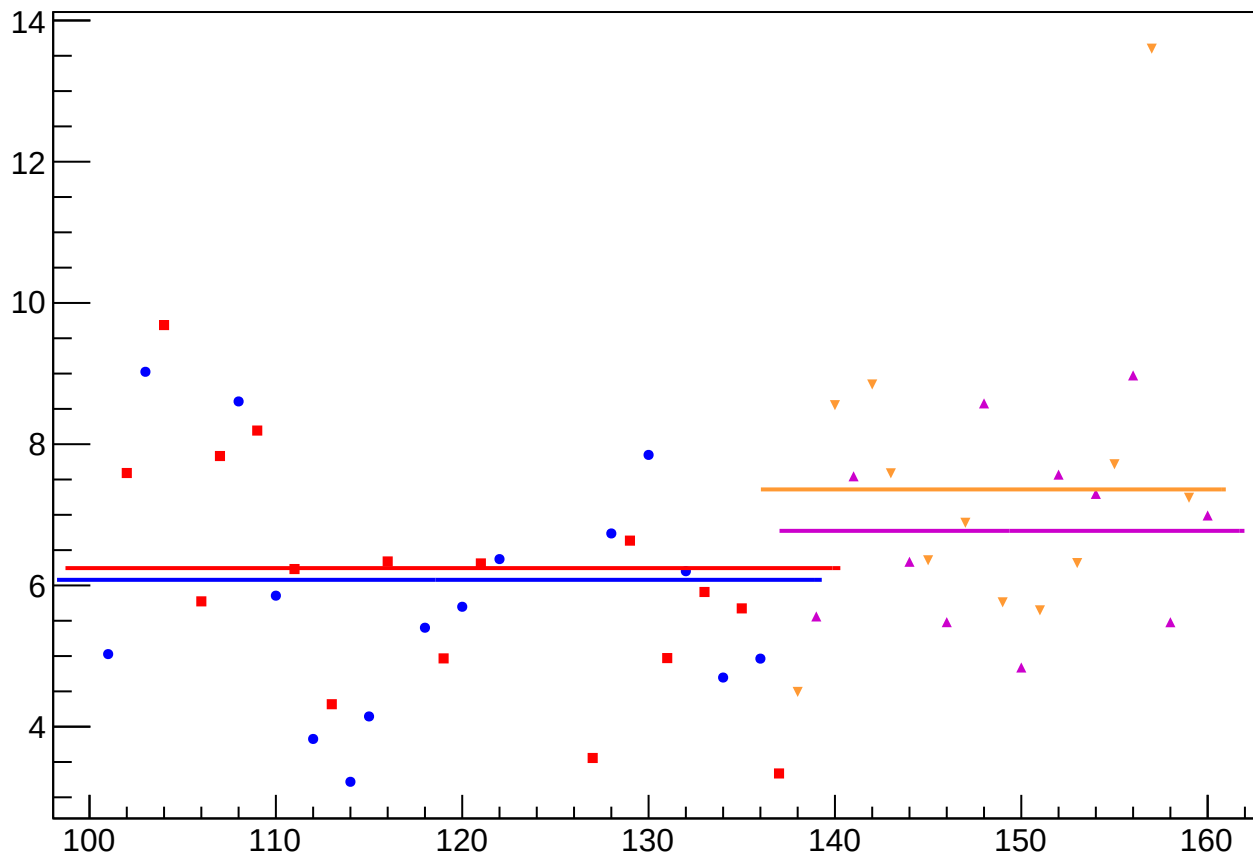
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

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

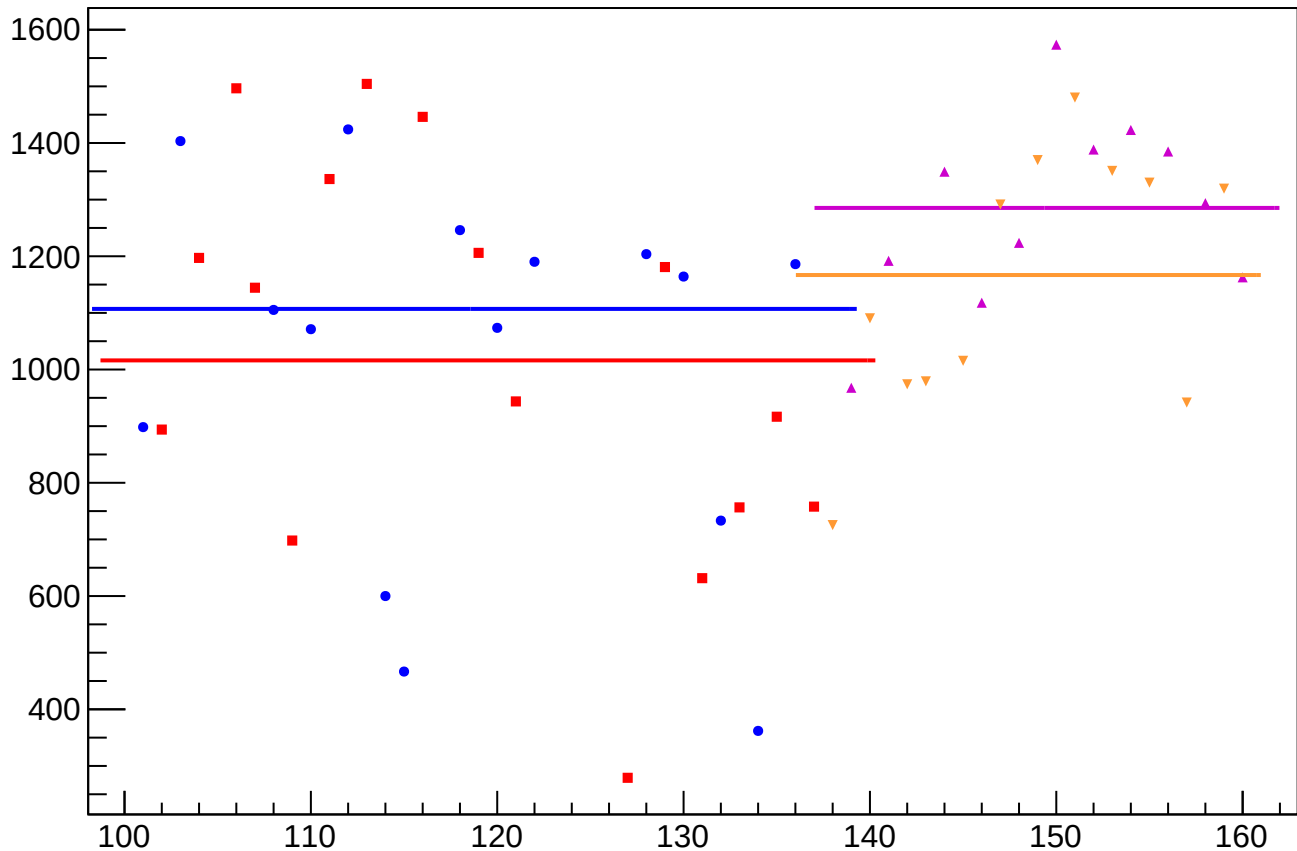
Left In: 6.773+/-0.000 χ^2/NDF : 1545880653062872635060205832372224.0/10

+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869

All: 6.689+/-0.000 χ^2/NDF : 1032305053905

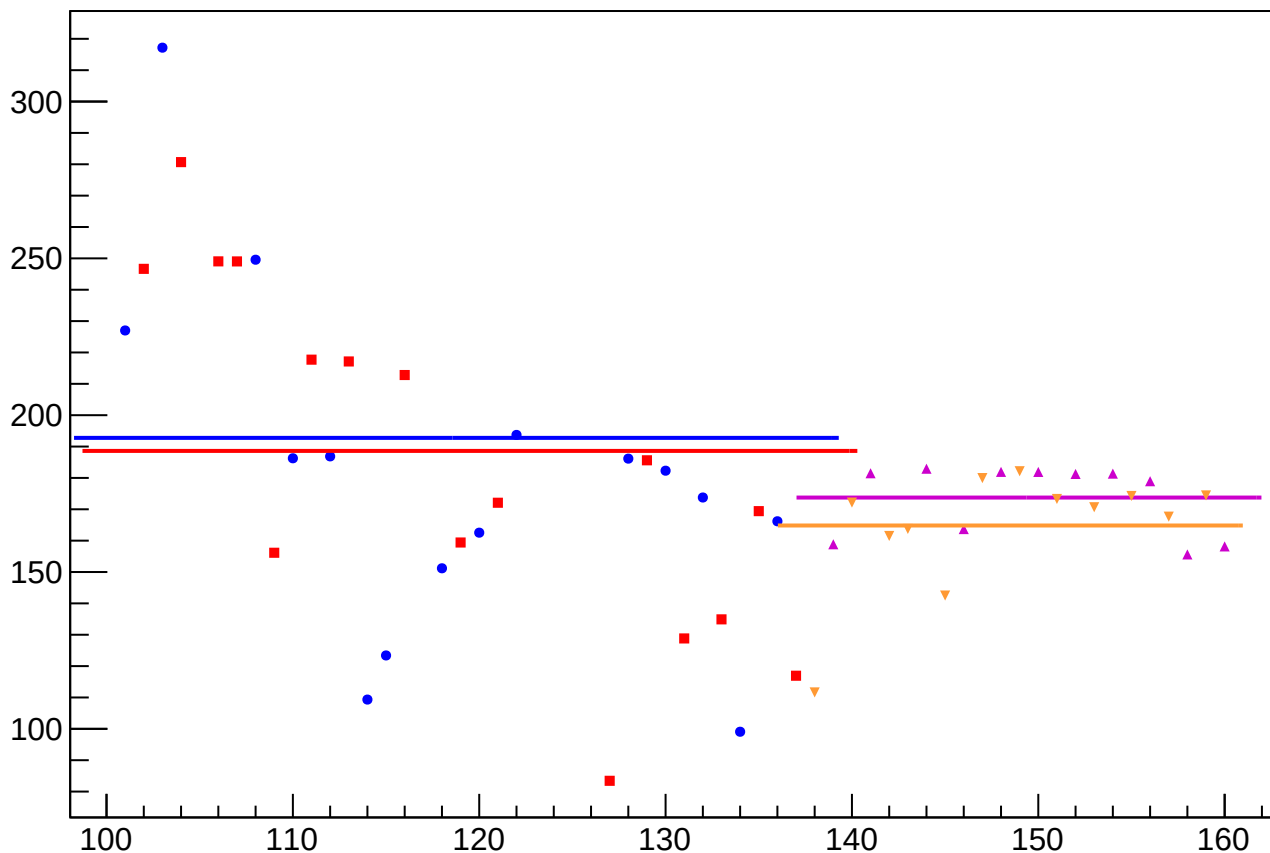
- sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1142.031+/-0.000	χ^2/NDF : 86643588377316
Left Out: 1166.869+/-0.000	χ^2/NDF : 44651845589529754769451964140544327680.0/11	All: 1157.392+/-0.000	χ^2/NDF : 21202911442
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1172.482+/-0.000	χ^2/NDF : 12465444911625
Left In: 1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10		

dit_4aY_coil4_mean vs Slug



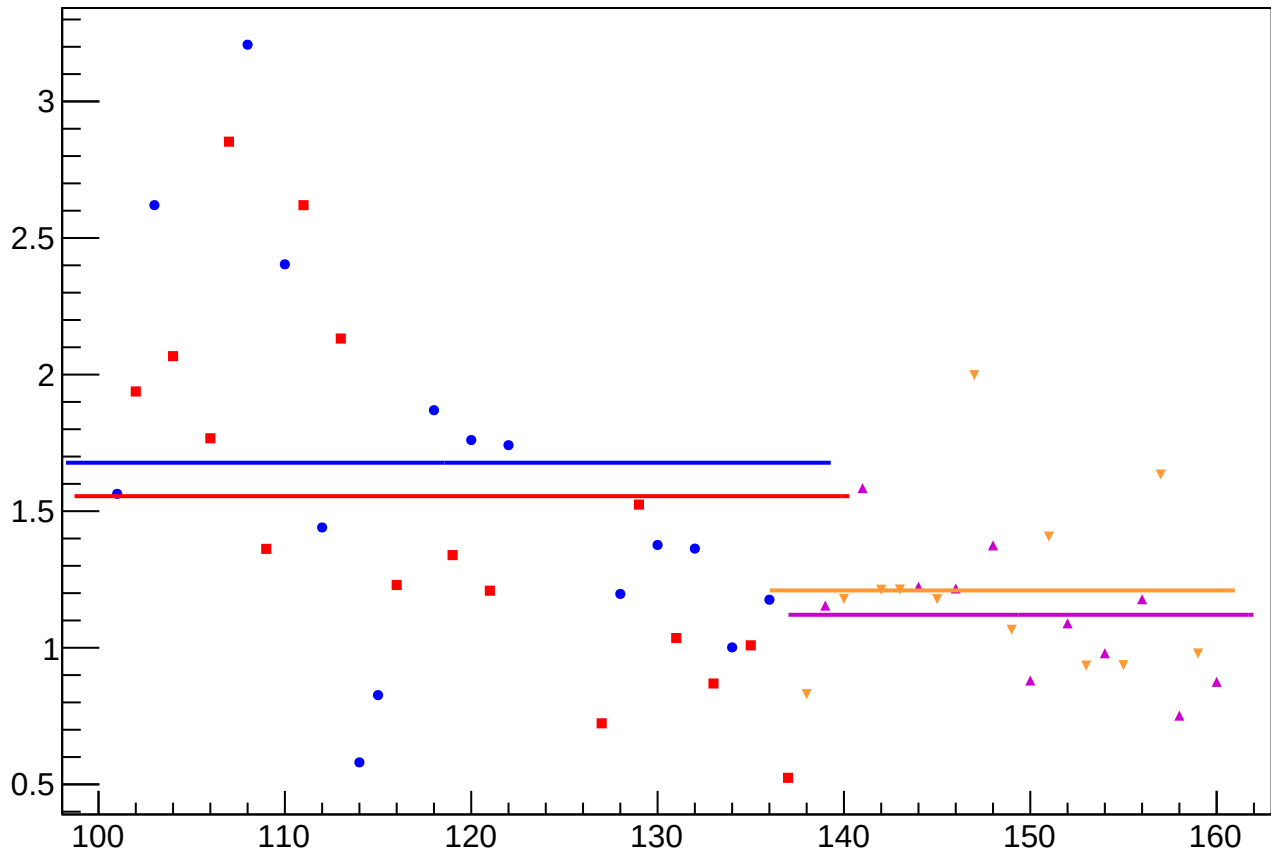
Right In: 192.771 $\pm$ 0.000 χ^2 /NDF: 1640576279746948433391816936236515328.0/14

Left Out: 164.832 $\pm$ 0.000 χ^2 /NDF: 331248867631864480349687016910225408.0/11

Right Out: 188.612 $\pm$ 0.000 χ^2 /NDF: 1922342257287674563344204730019610624.0/15

Left In: 173.738 $\pm$ 0.000 χ^2 /NDF: 107568156923900649458795541002452992.0/10

dit_4aY_coil4_err_mean vs Slug



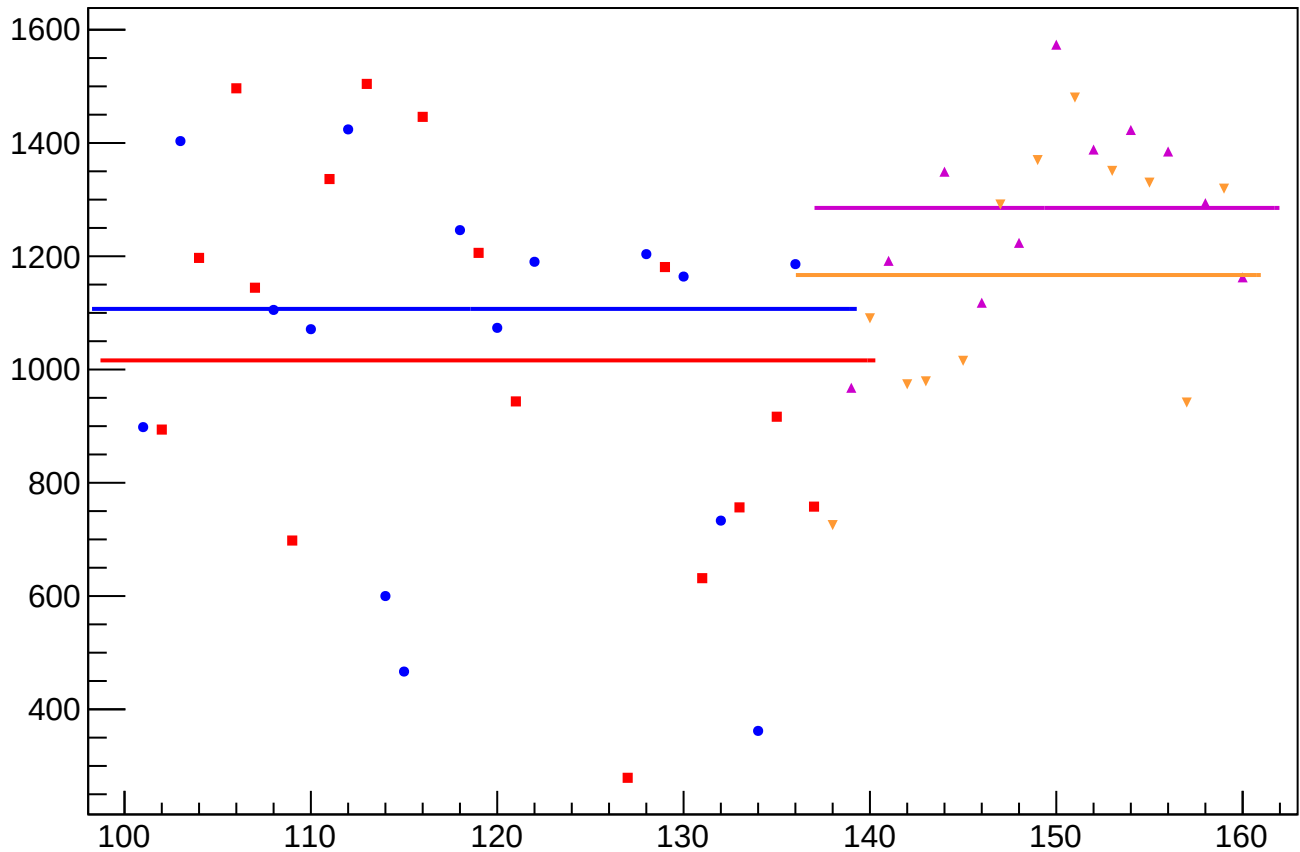
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

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

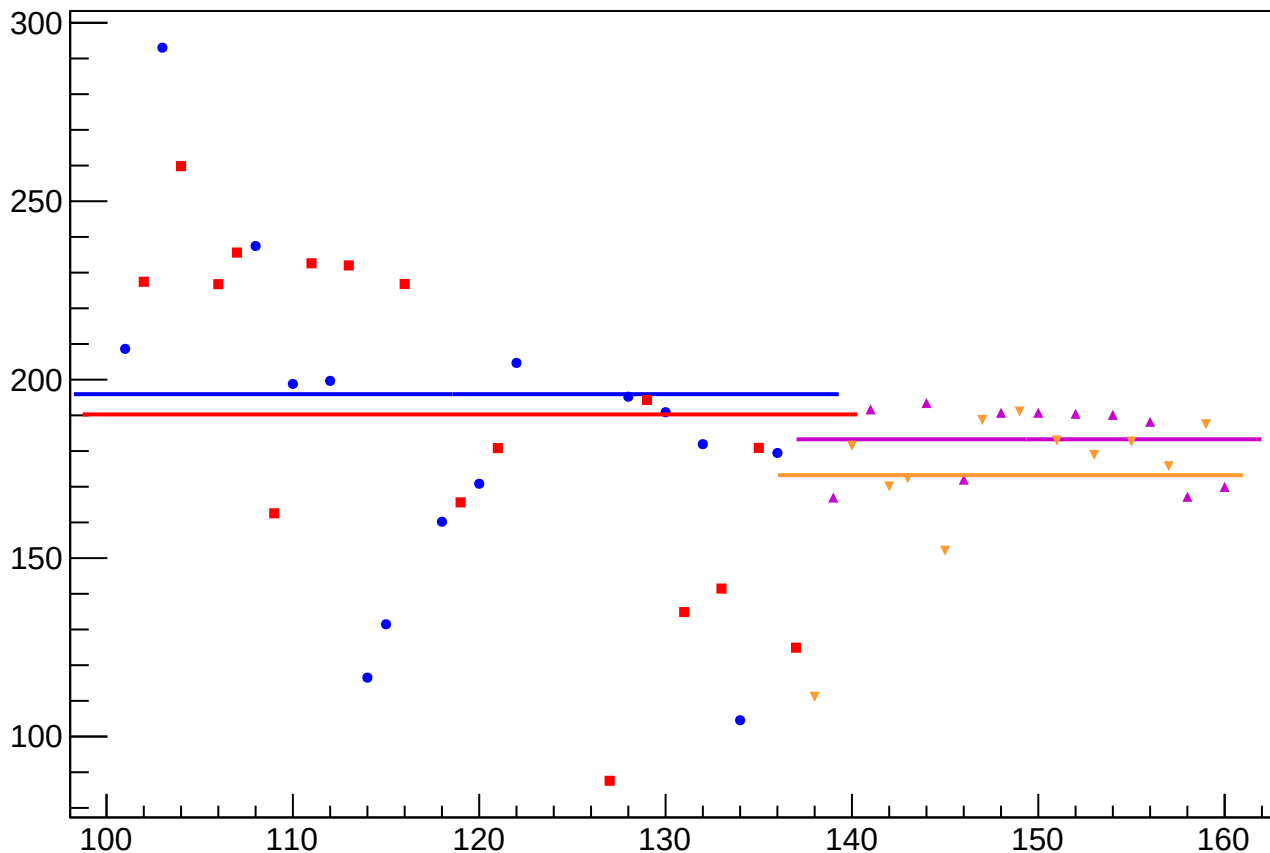
Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



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

dit_4eY_coil4_mean vs Slug



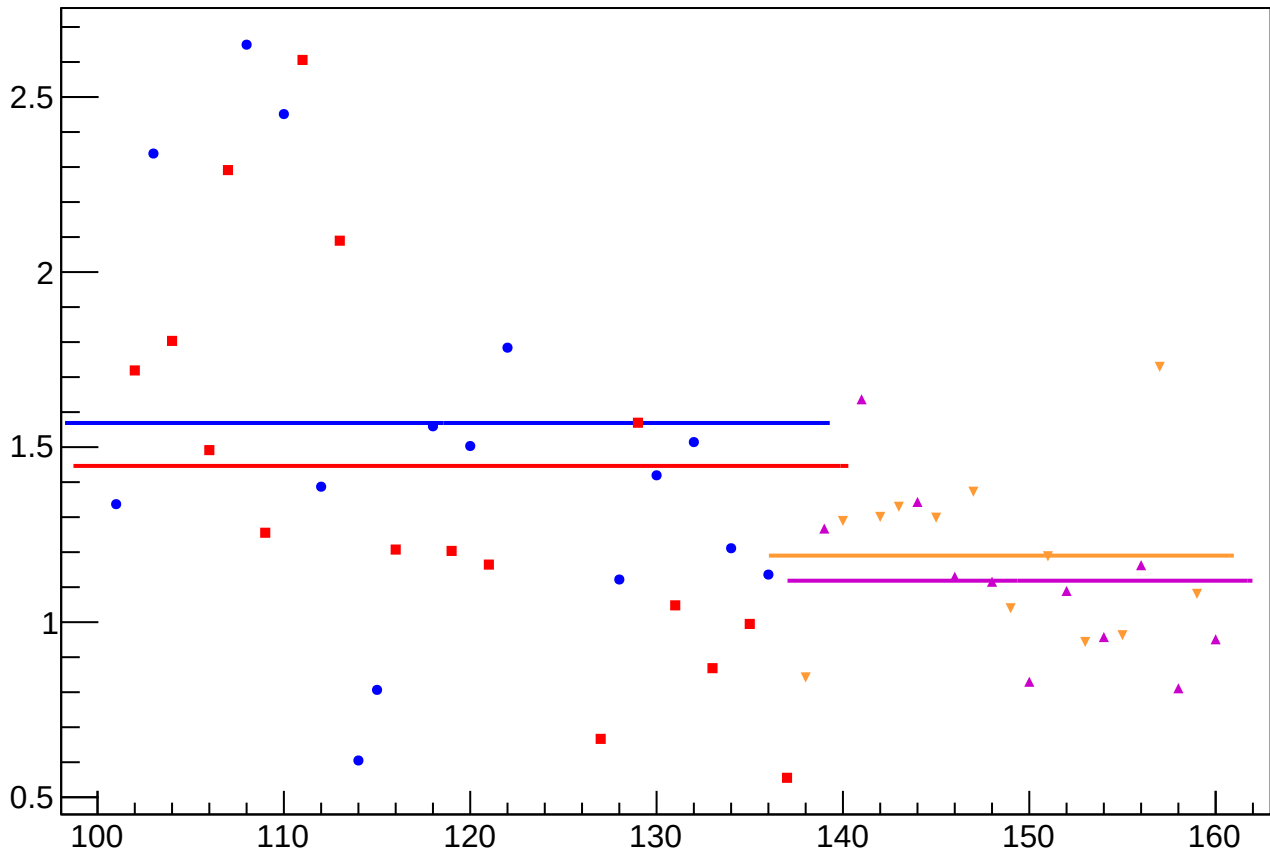
Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

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

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 ± 0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.190 ± 0.000 χ^2/NDF : 50745822936032217336144814145536.0/11

Right Out: 1.446 ± 0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

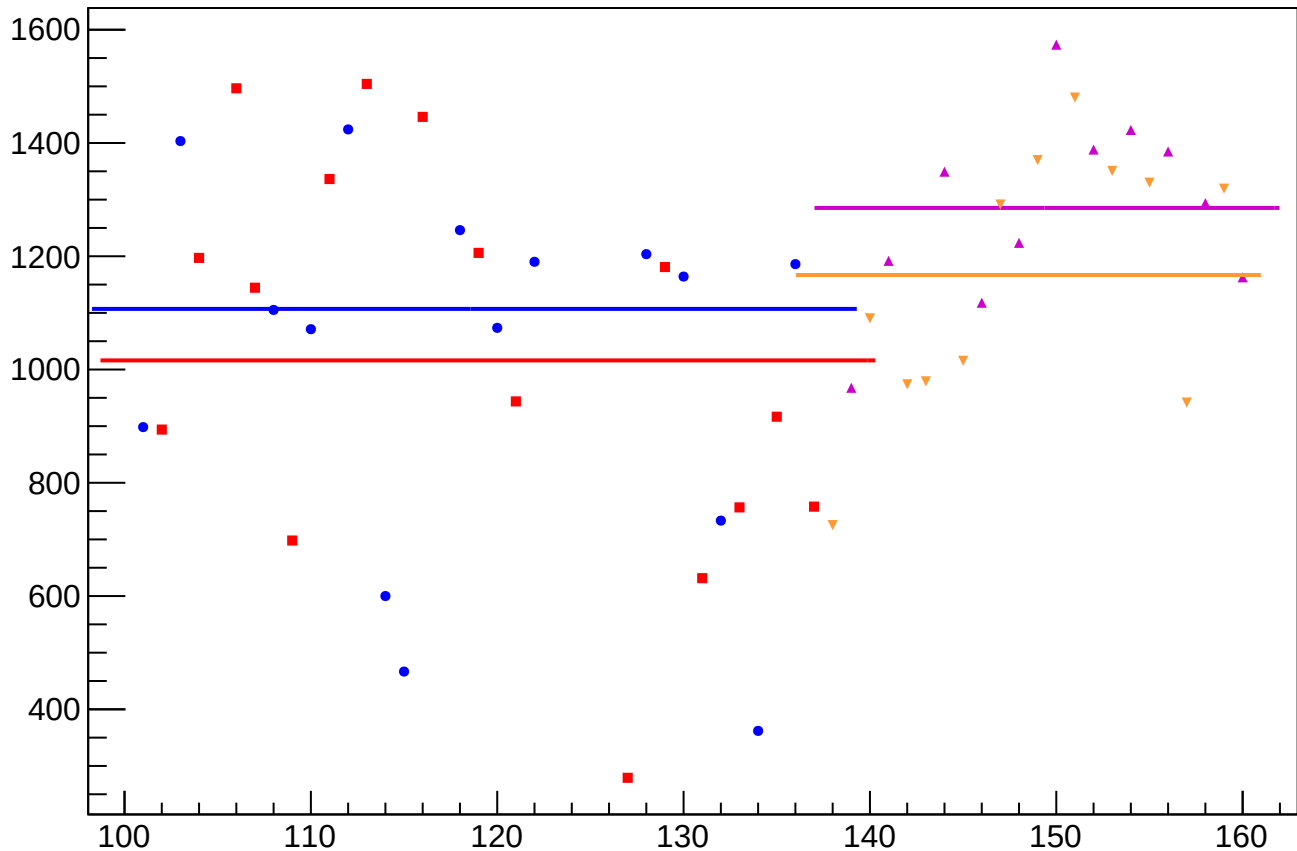
Left In: 1.118 ± 0.000 χ^2/NDF : 48973496995723480911801365823488.0/10

+ sign 1.347 ± 0.000 χ^2/NDF : 26805645085959175

All: 1.301 ± 0.000 χ^2/NDF : 56157588721998

- sign 1.256 ± 0.000 χ^2/NDF : 28690992559145743

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

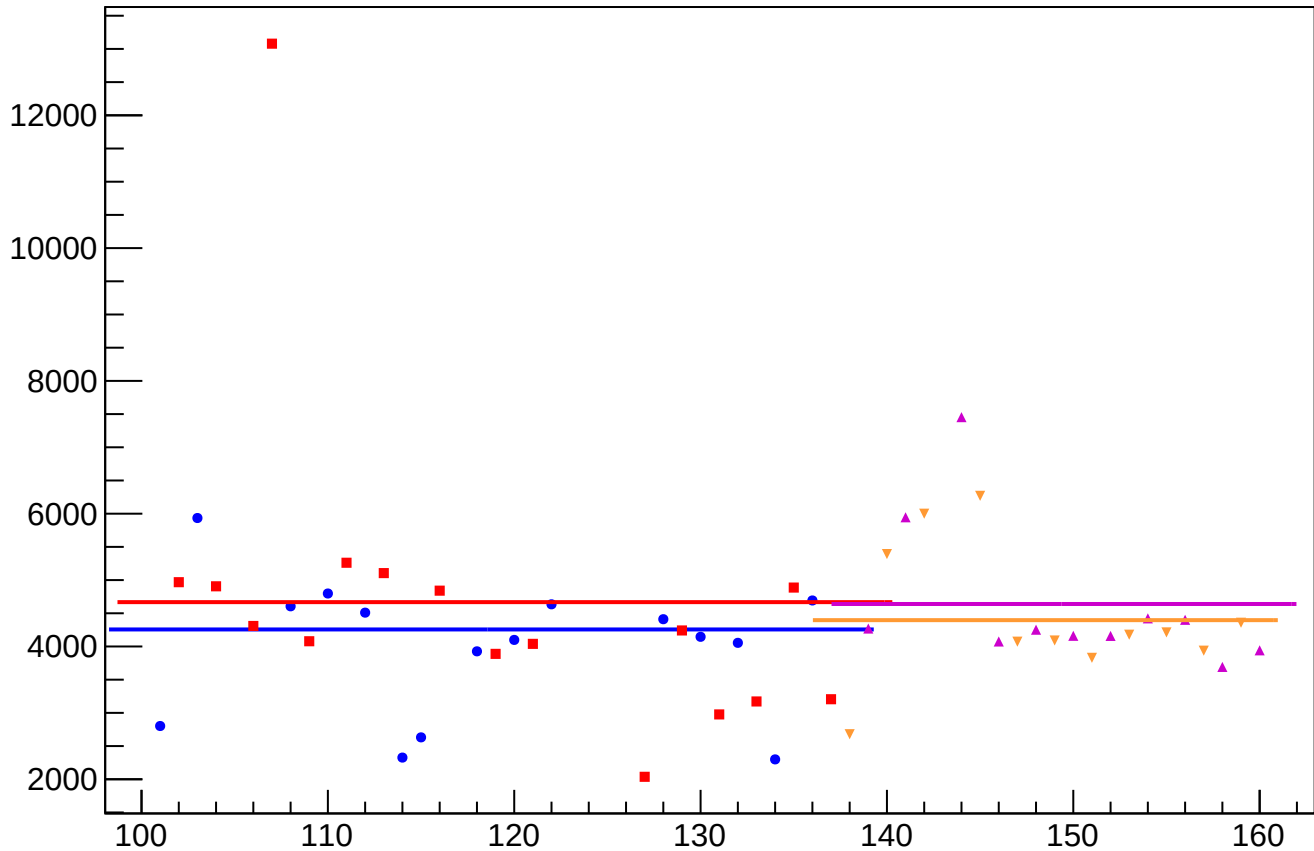
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316

All: 1157.392+/-0.000 χ^2/NDF : 21202911442

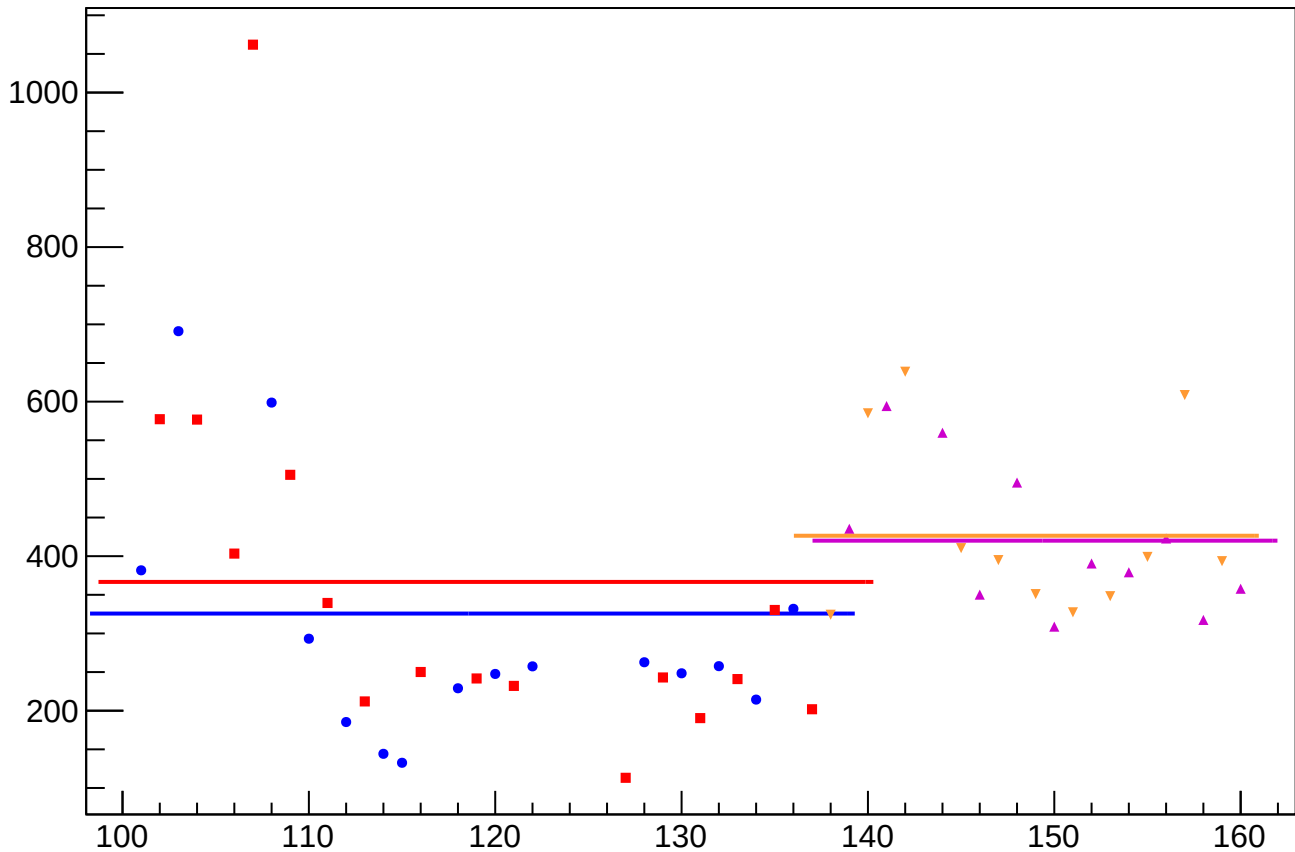
- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

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

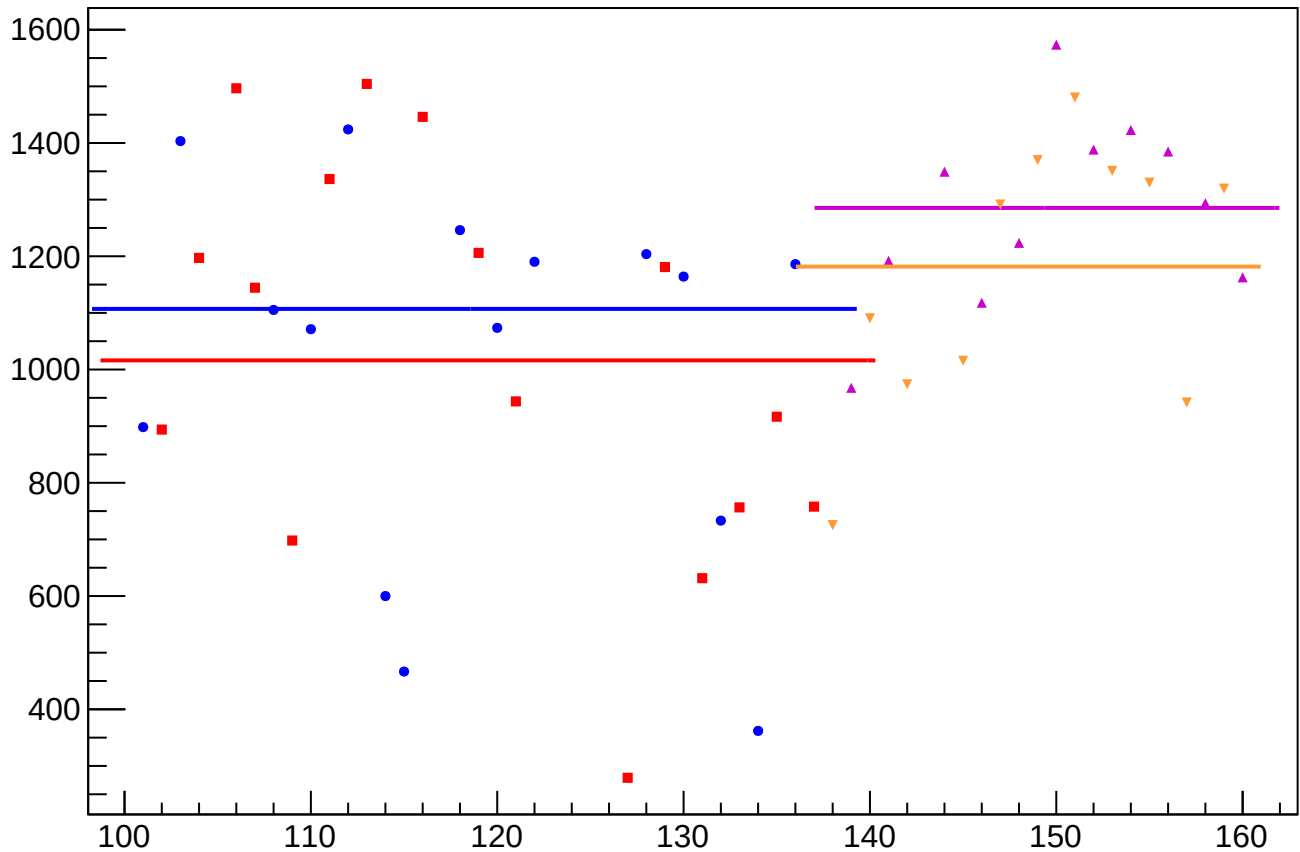
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

+ sign 382.754+/-0.000 χ^2/NDF : 279252260301187

All: 390.448+/-0.000 χ^2/NDF : 690046326749

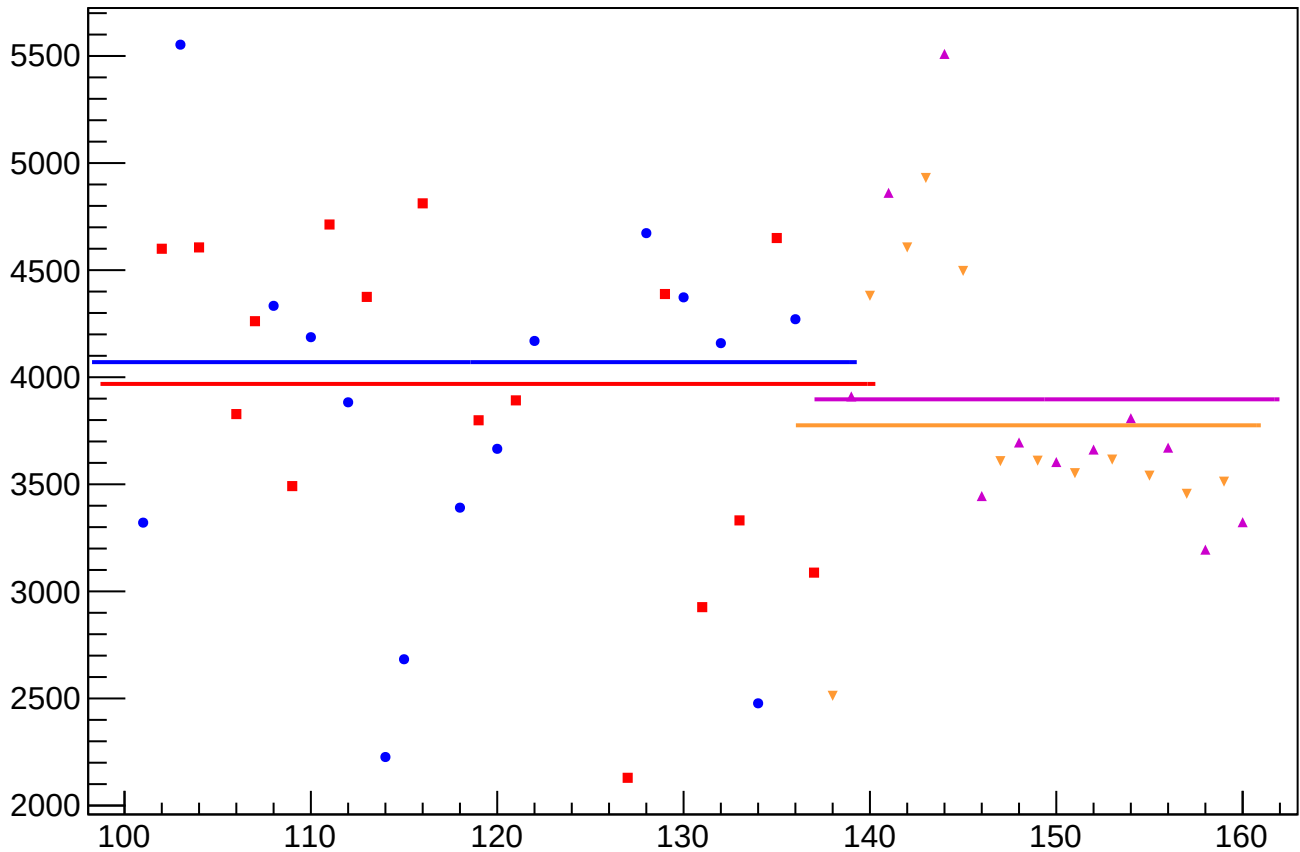
- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

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

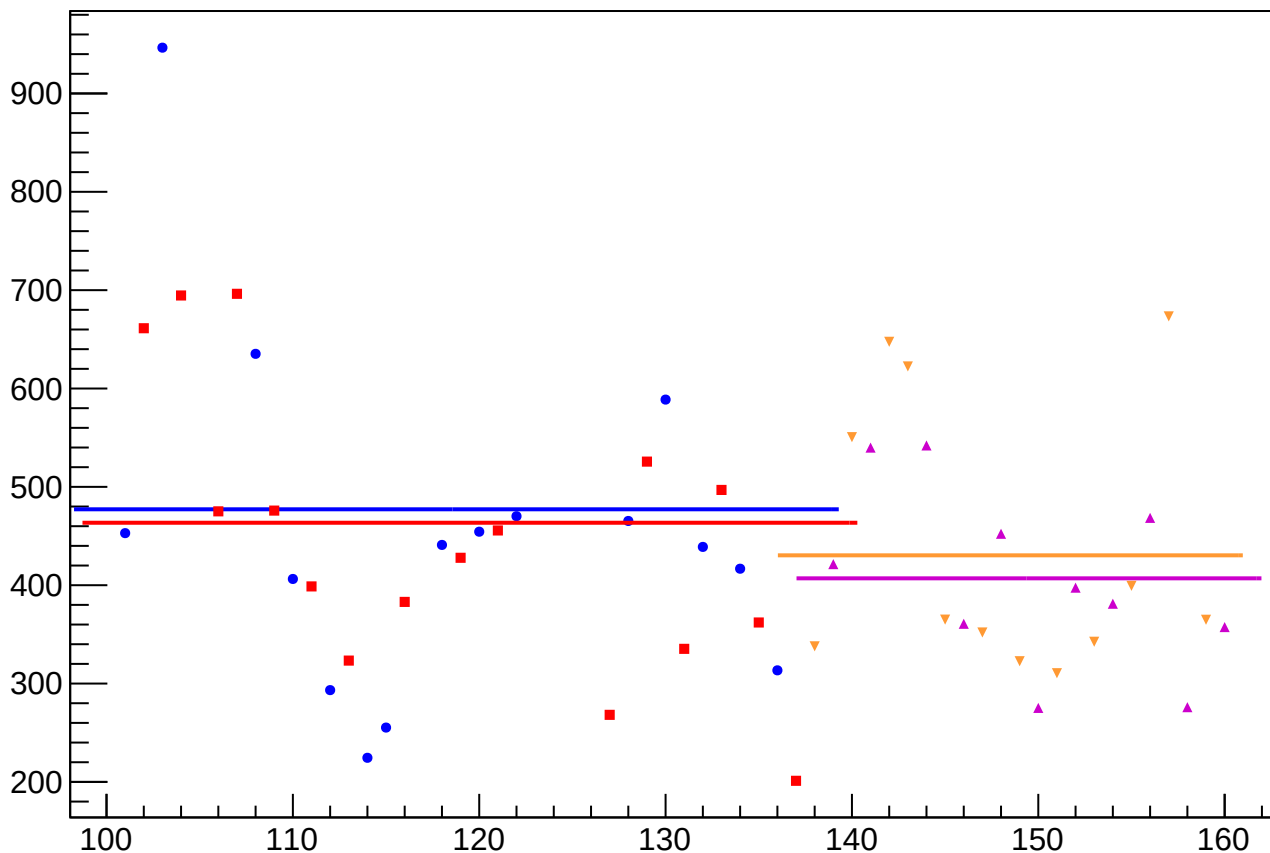
dit_usr_coil4_mean vs Slug



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

+ sign 3897.950+/-0.000 χ^2/NDF : 72091549867108
 All: 3912.568+/-0.000 χ^2/NDF : 14960703302
 - sign 3926.928+/-0.000 χ^2/NDF : 77449278990952

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

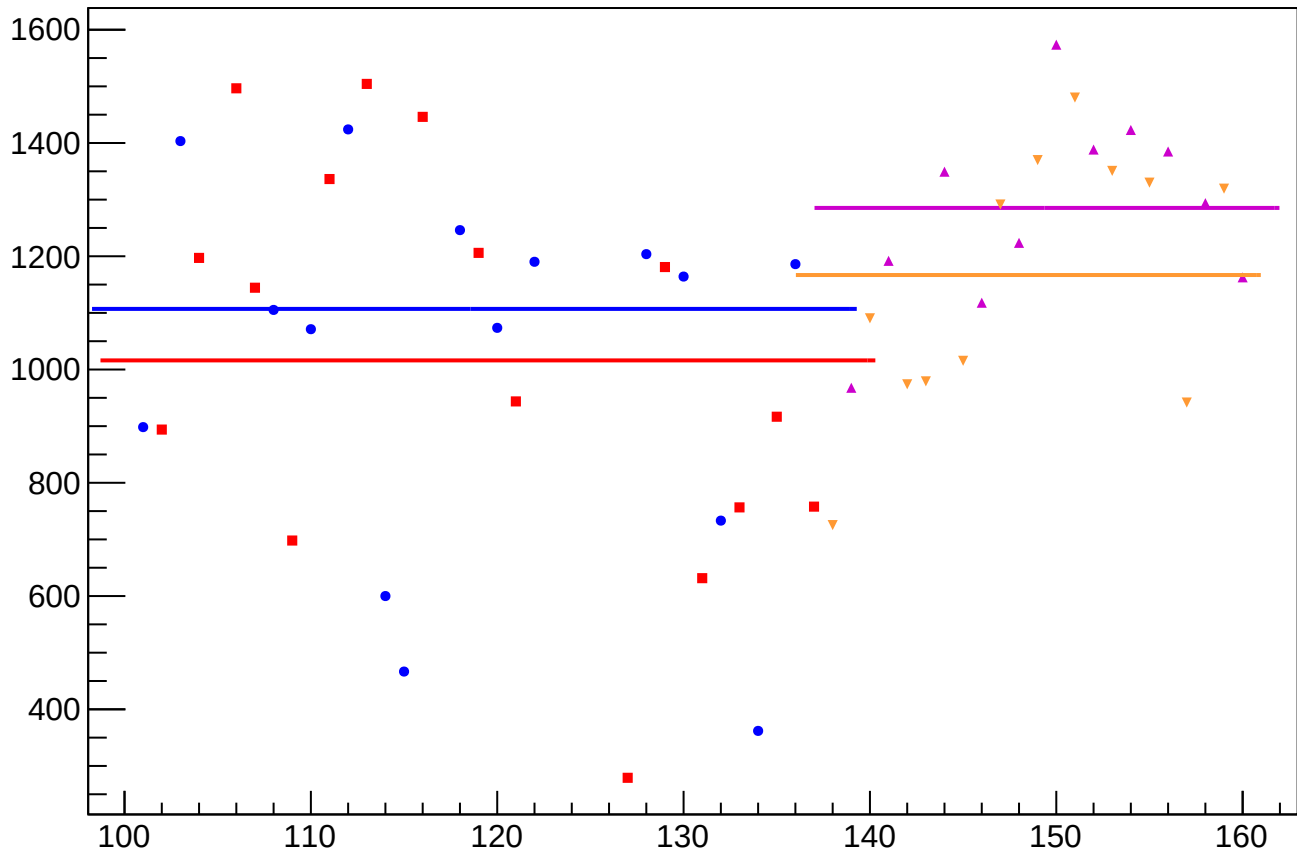
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF : 364118639358953

All: 440.167+/-0.000 χ^2/NDF : 575090441202

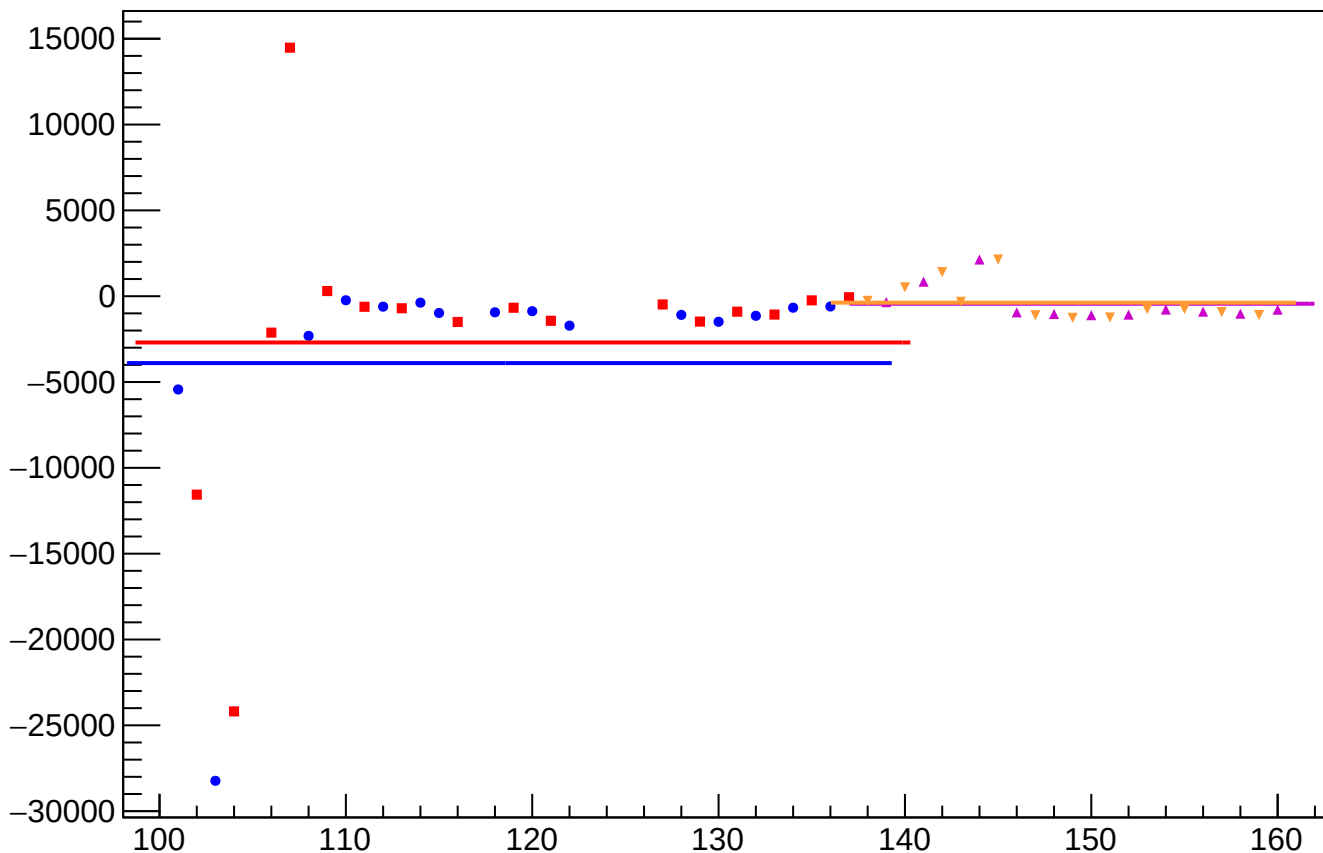
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



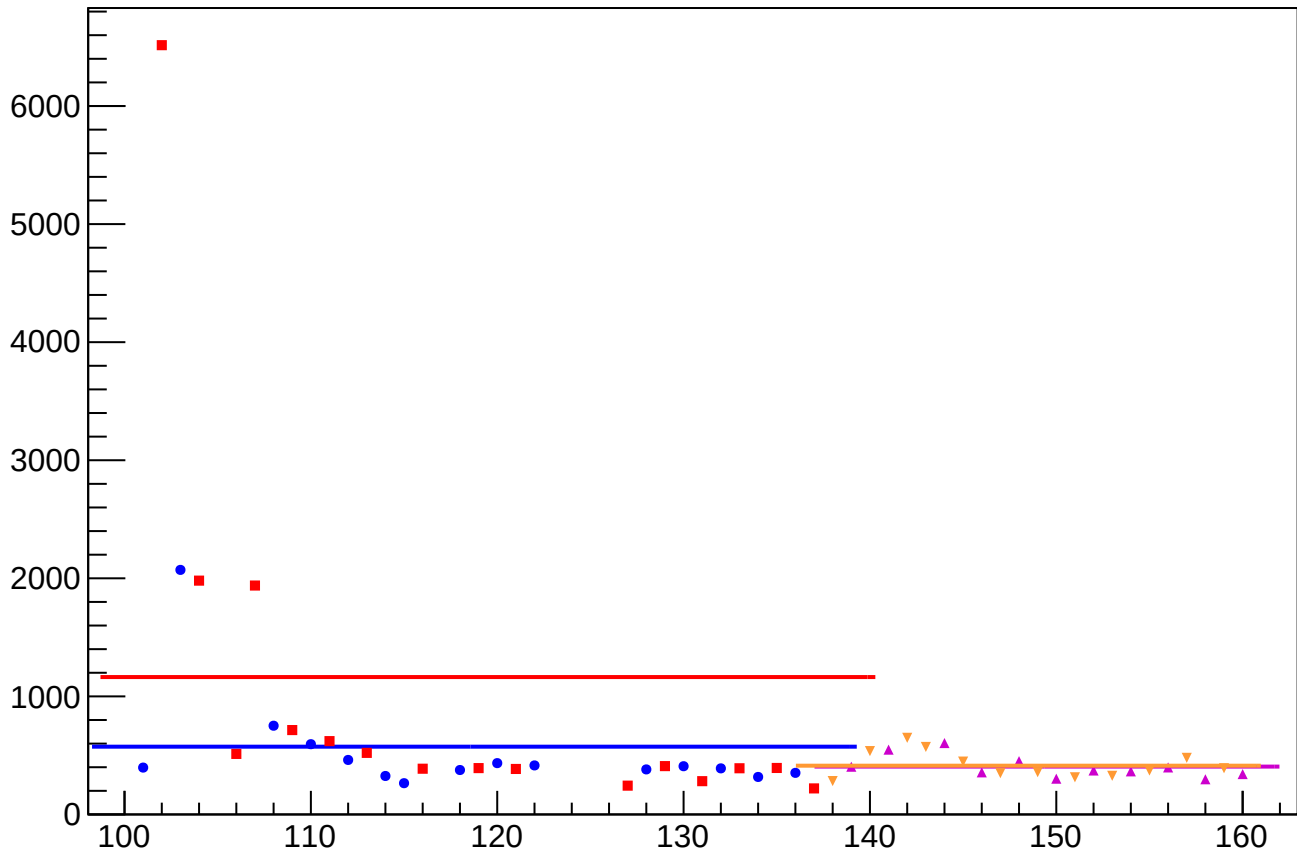
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_atl1_coil4_mean vs Slug



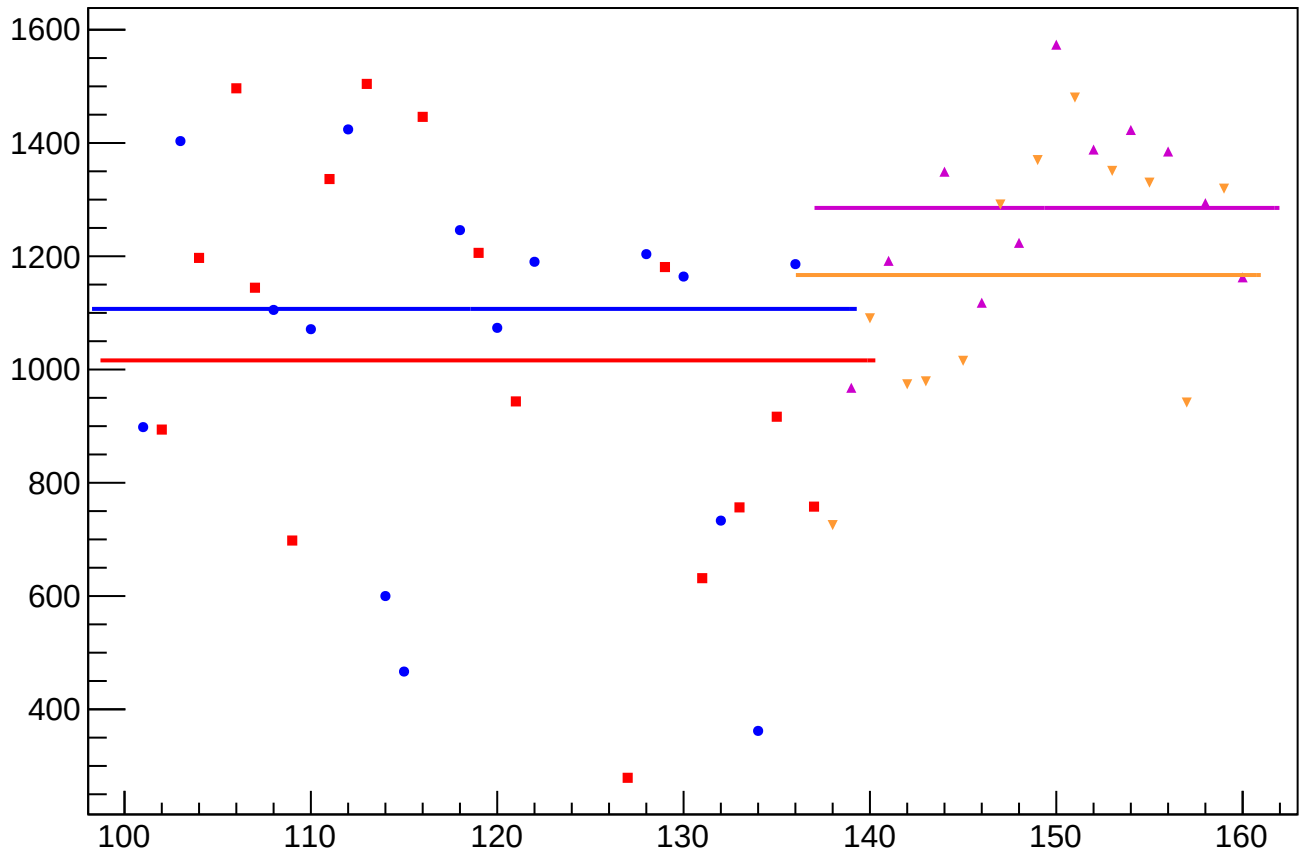
Right In: -3896.522 ± 0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430 ± 0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992 ± 0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289 ± 0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10
 + sign -1837.483 ± 0.000 χ^2/NDF : 4528252222957
 All: -1609.422 ± 0.000 χ^2/NDF : 8915994509
 - sign -1385.374 ± 0.000 χ^2/NDF : 43716264222774

dit_atl1_coil4_err_mean vs Slug



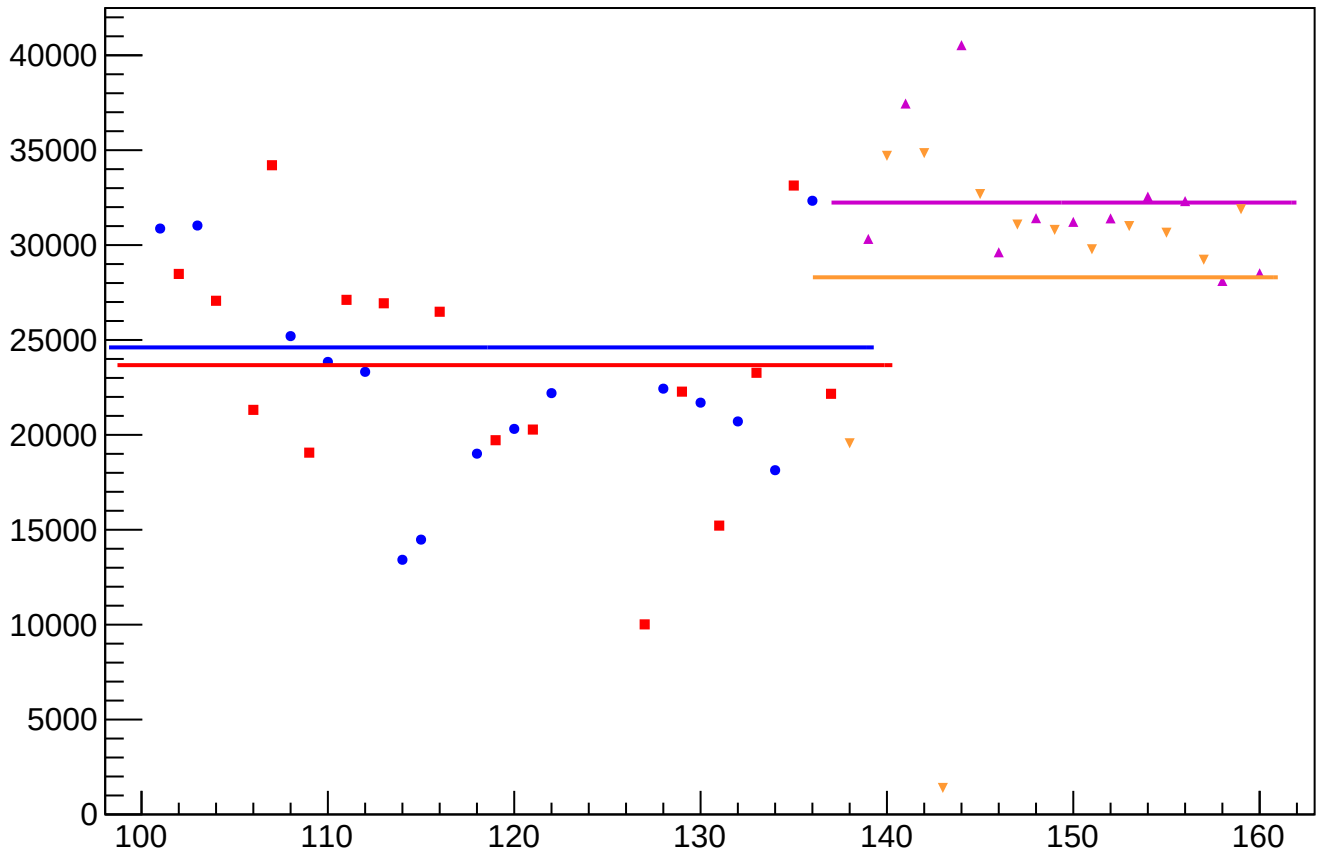
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017+/-0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371+/-0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 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

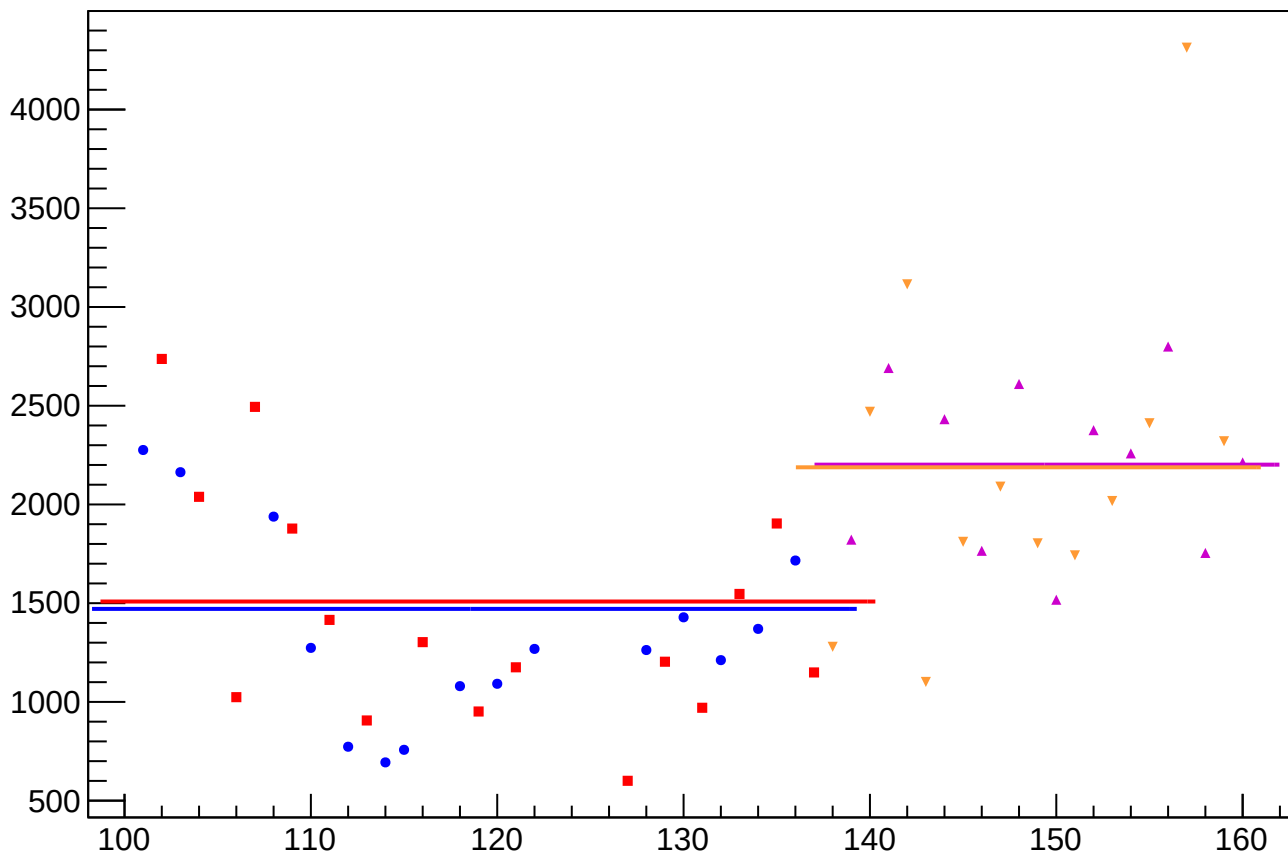
dit_atl2_coil4_mean vs Slug



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

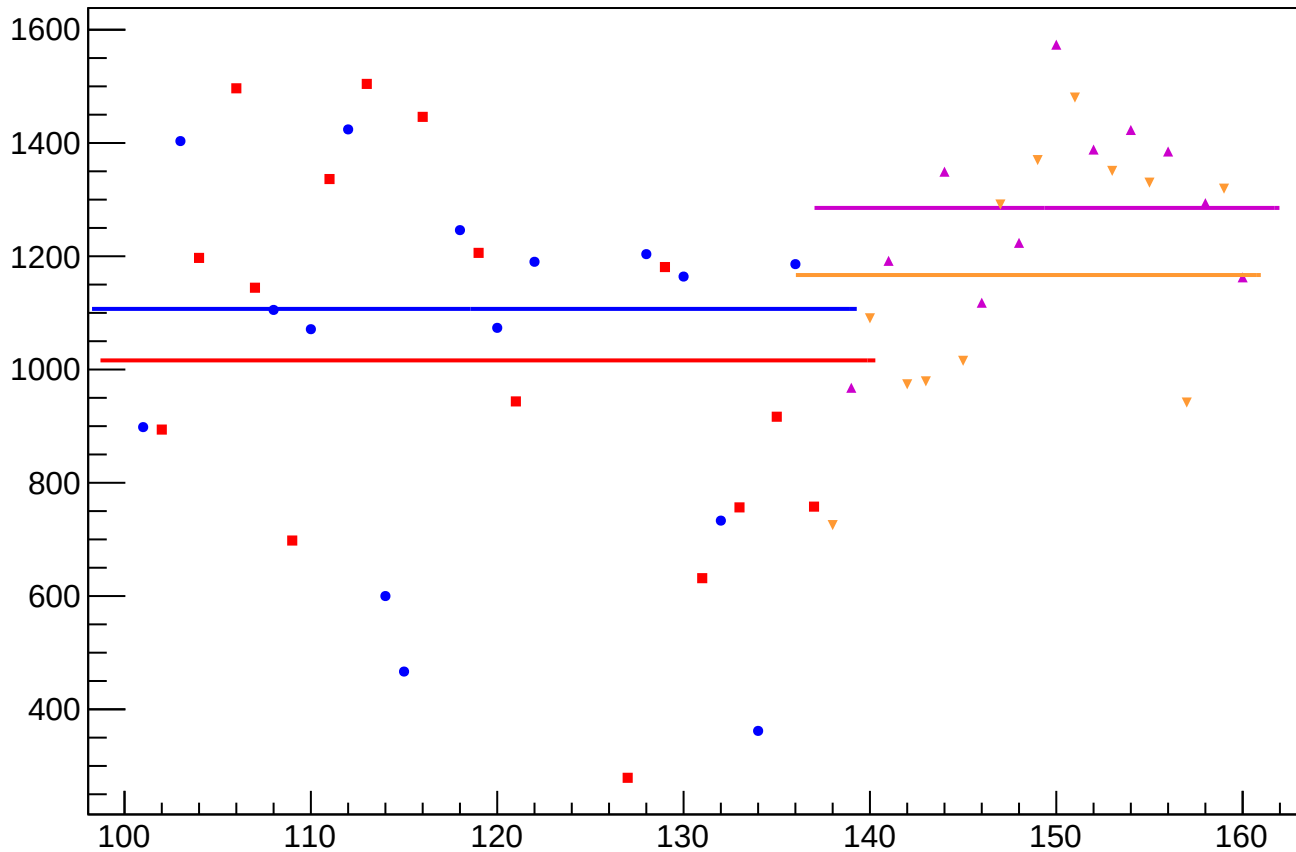
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

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 $\pm$ 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

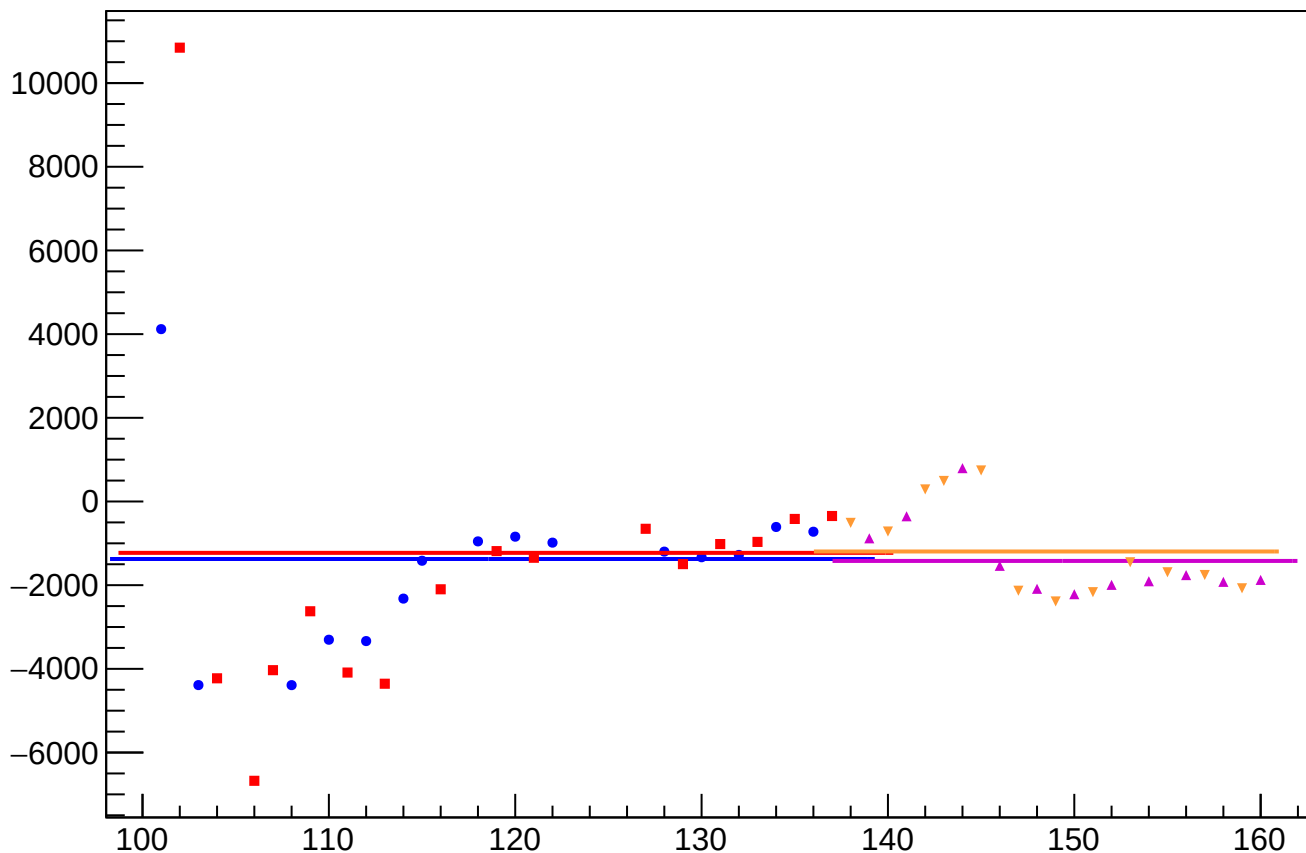
Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

+ 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

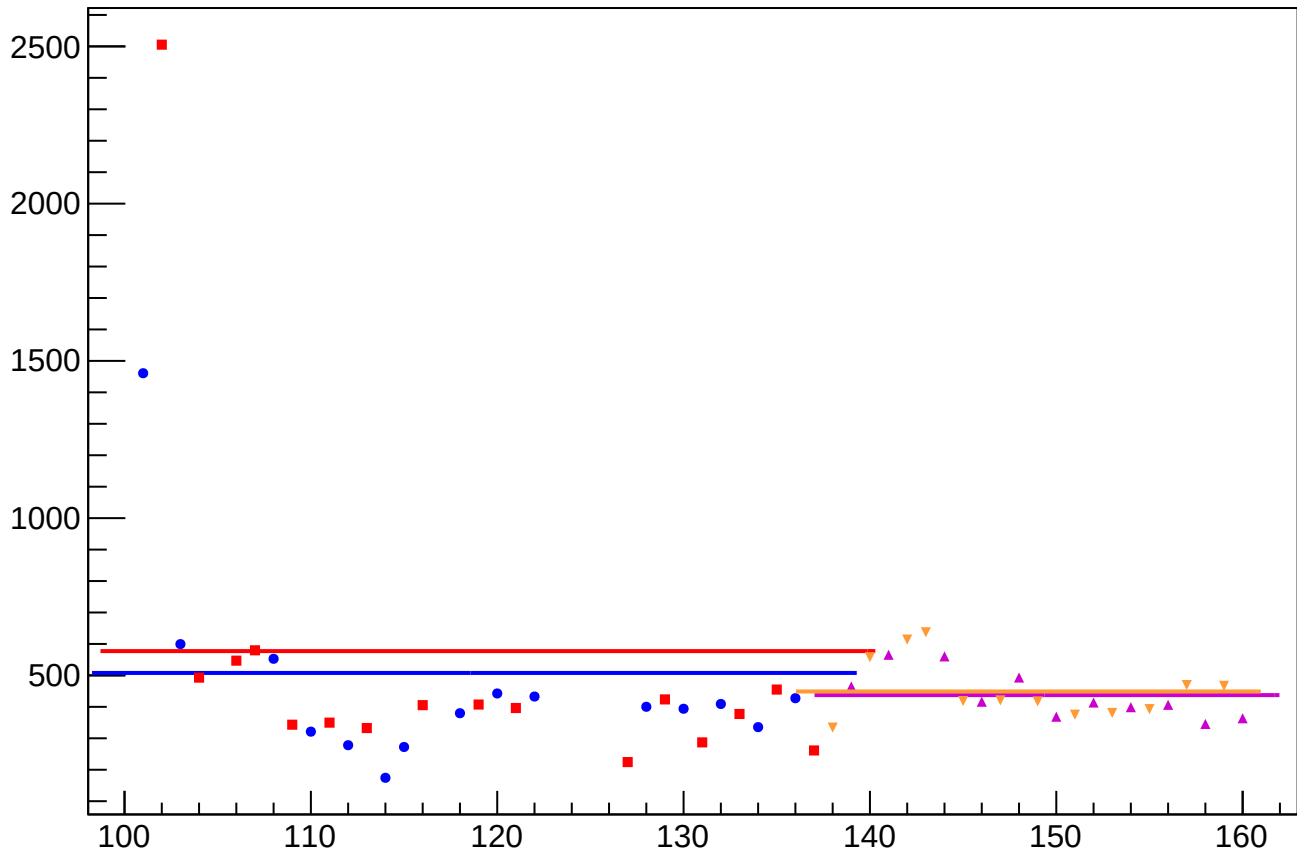
dit_atr1_coil4_mean vs Slug



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

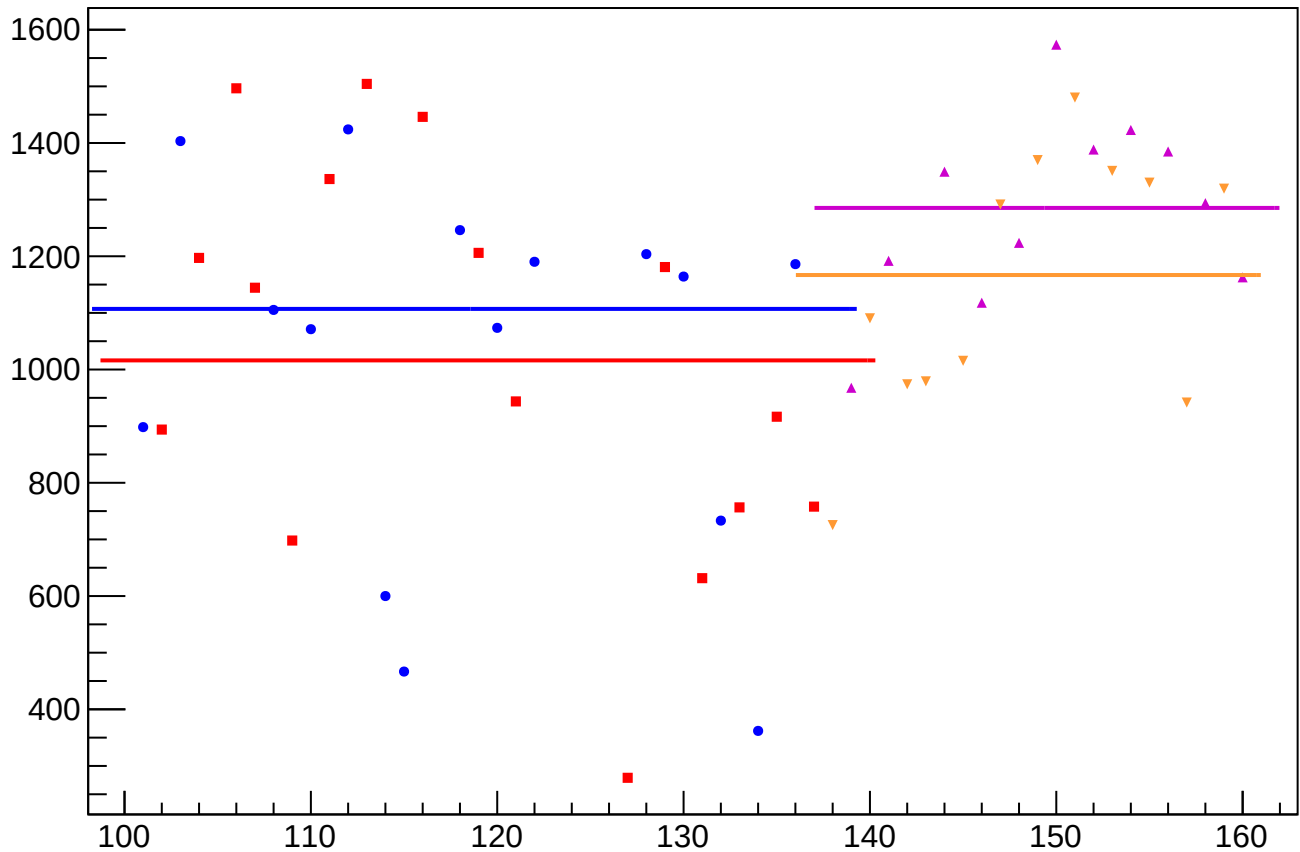
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

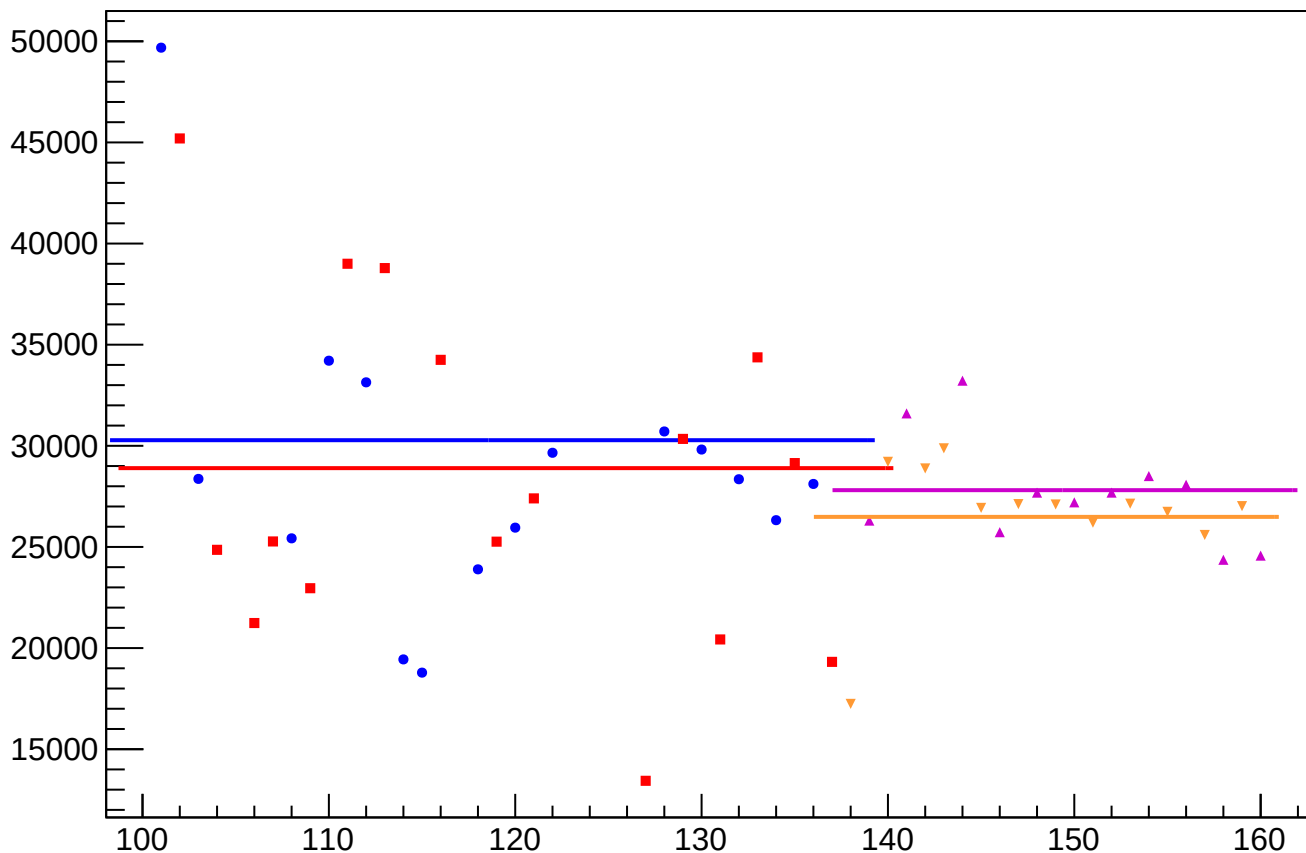
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

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

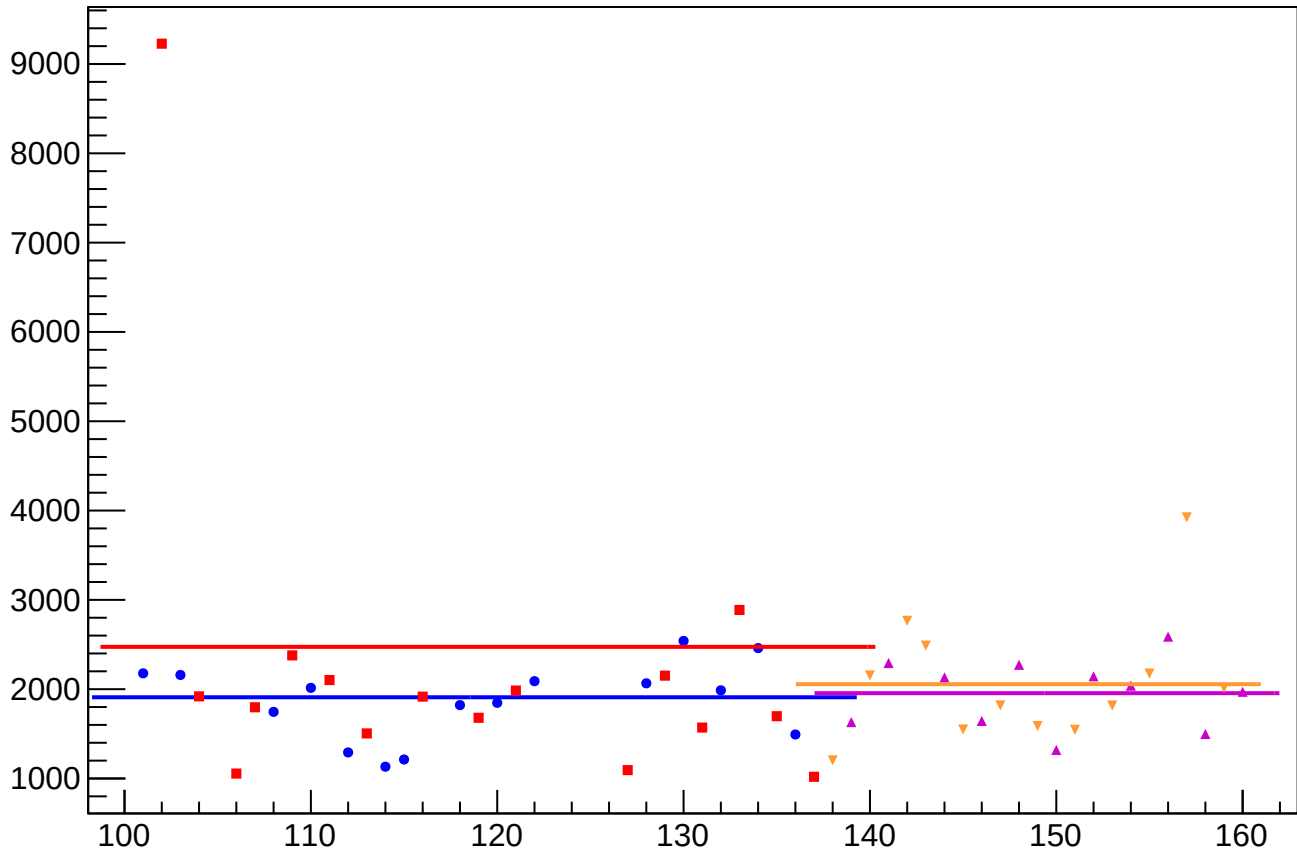
dit_atr2_coil4_mean vs Slug



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

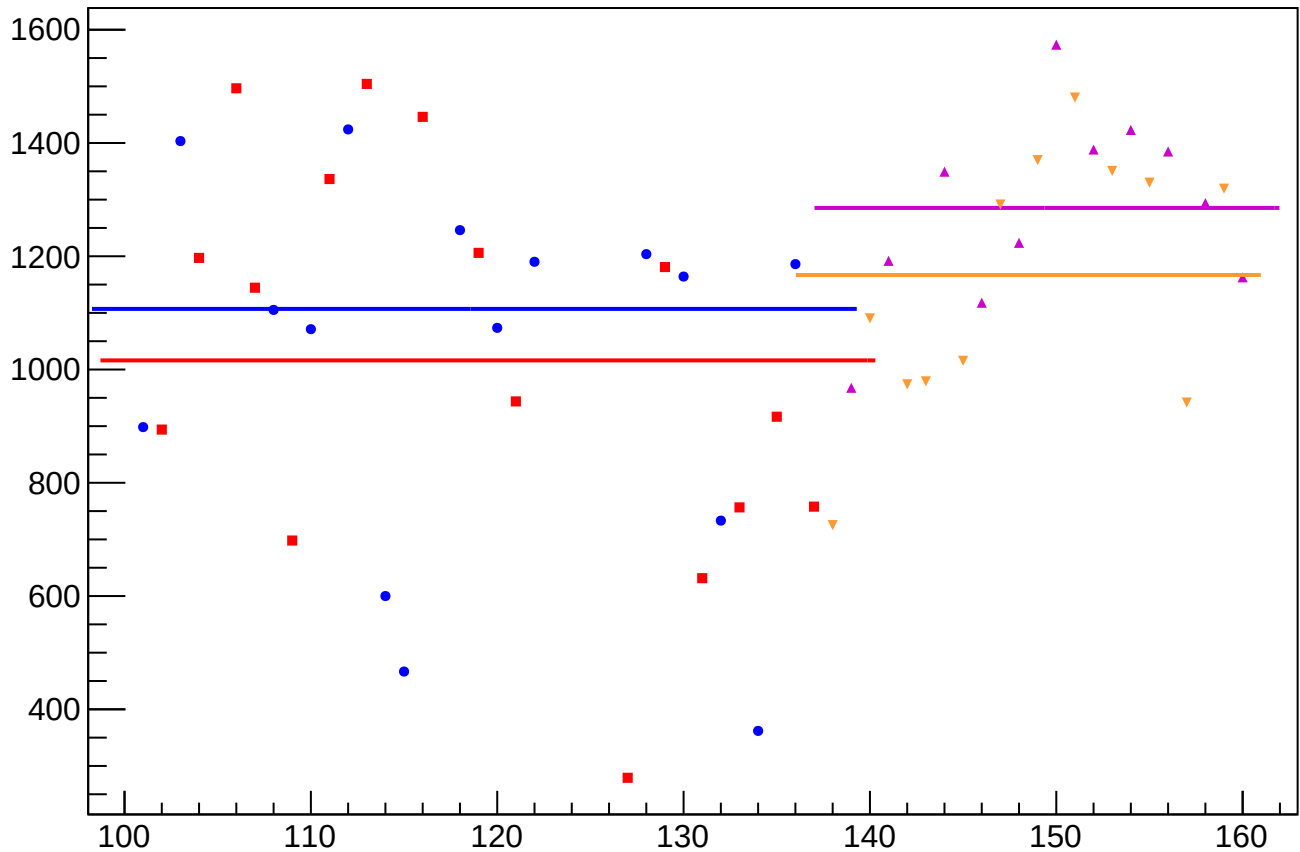
dit_atr2_coil4_err_mean vs Slug



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

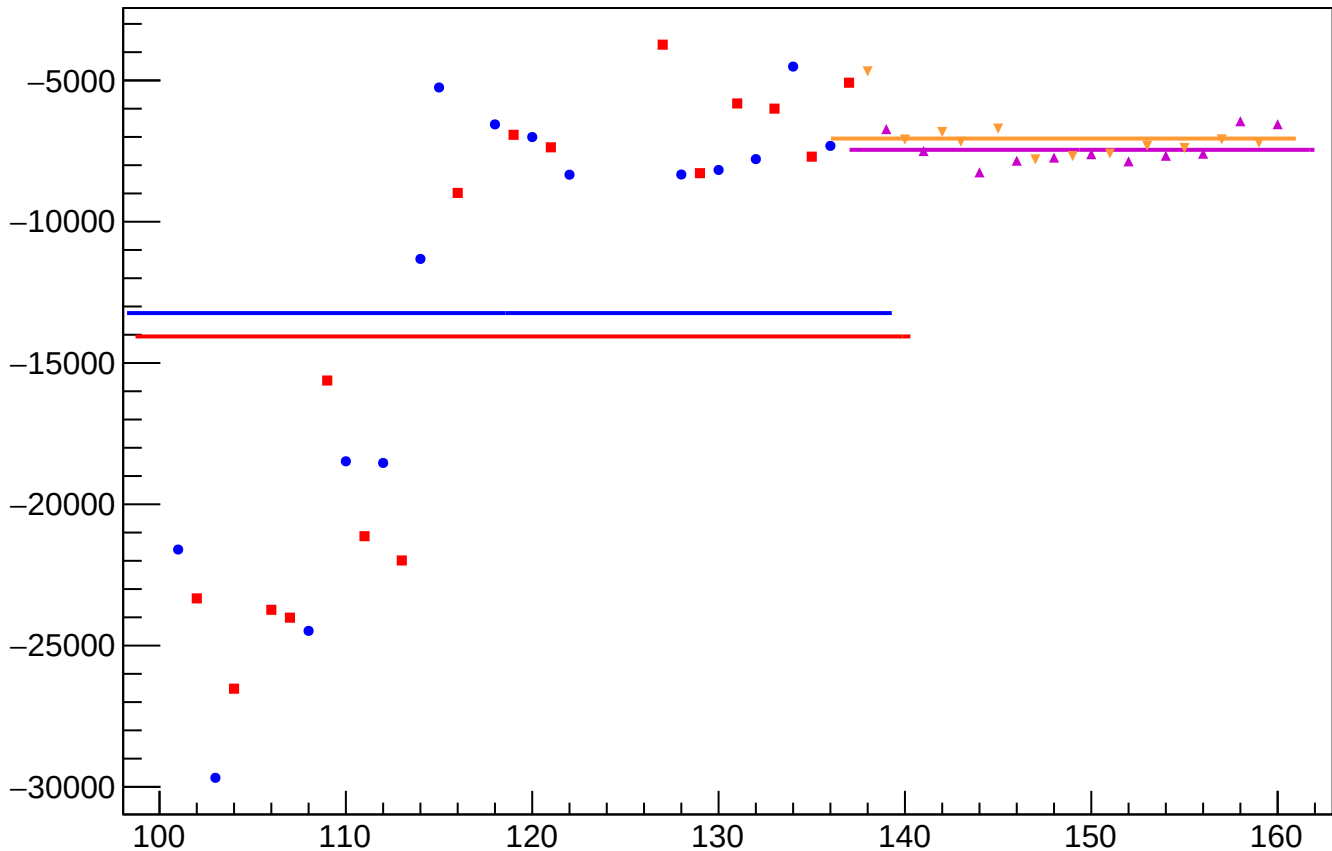
+ sign 1995.018+/-0.000 χ^2/NDF : 53377625694473
 All: 2084.675+/-0.000 χ^2/NDF : 38237081973
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



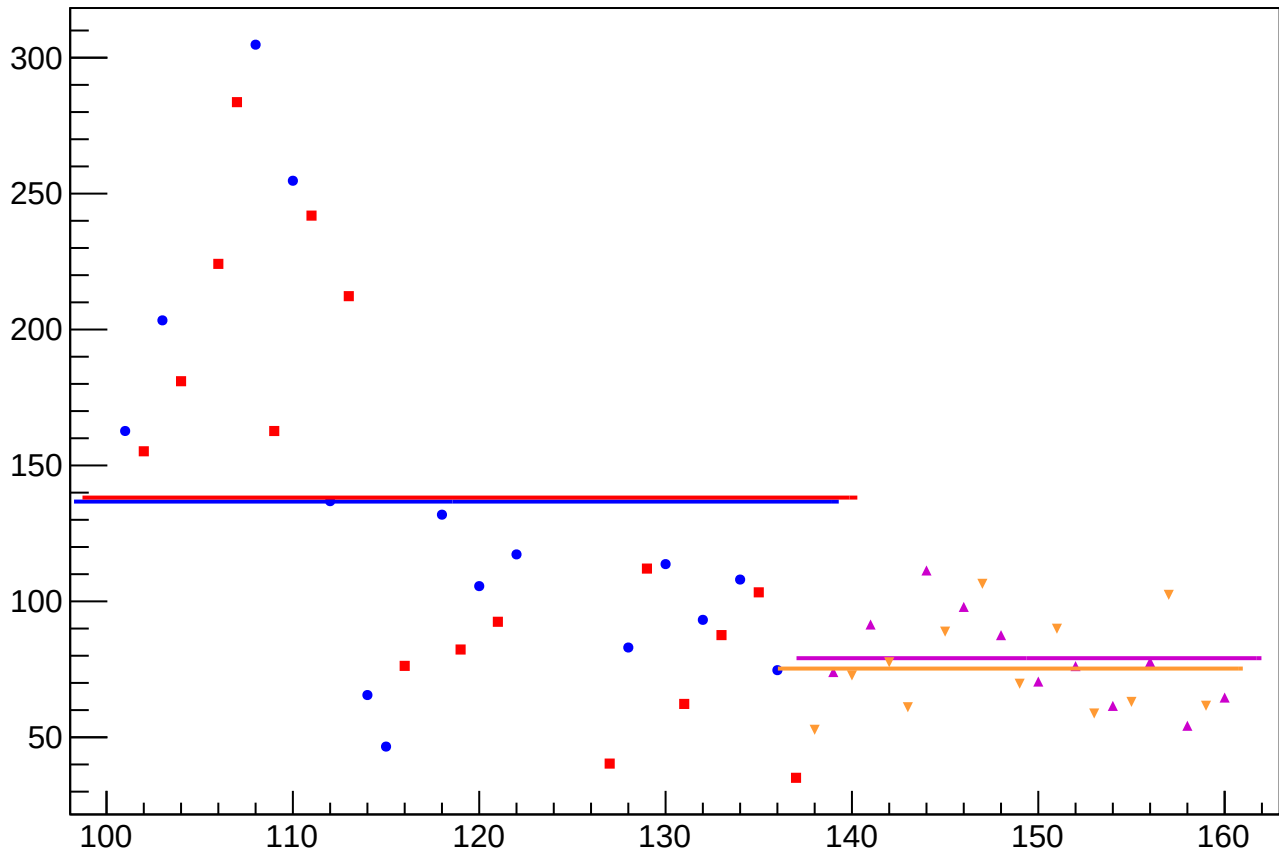
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_sam1_coil4_mean vs Slug



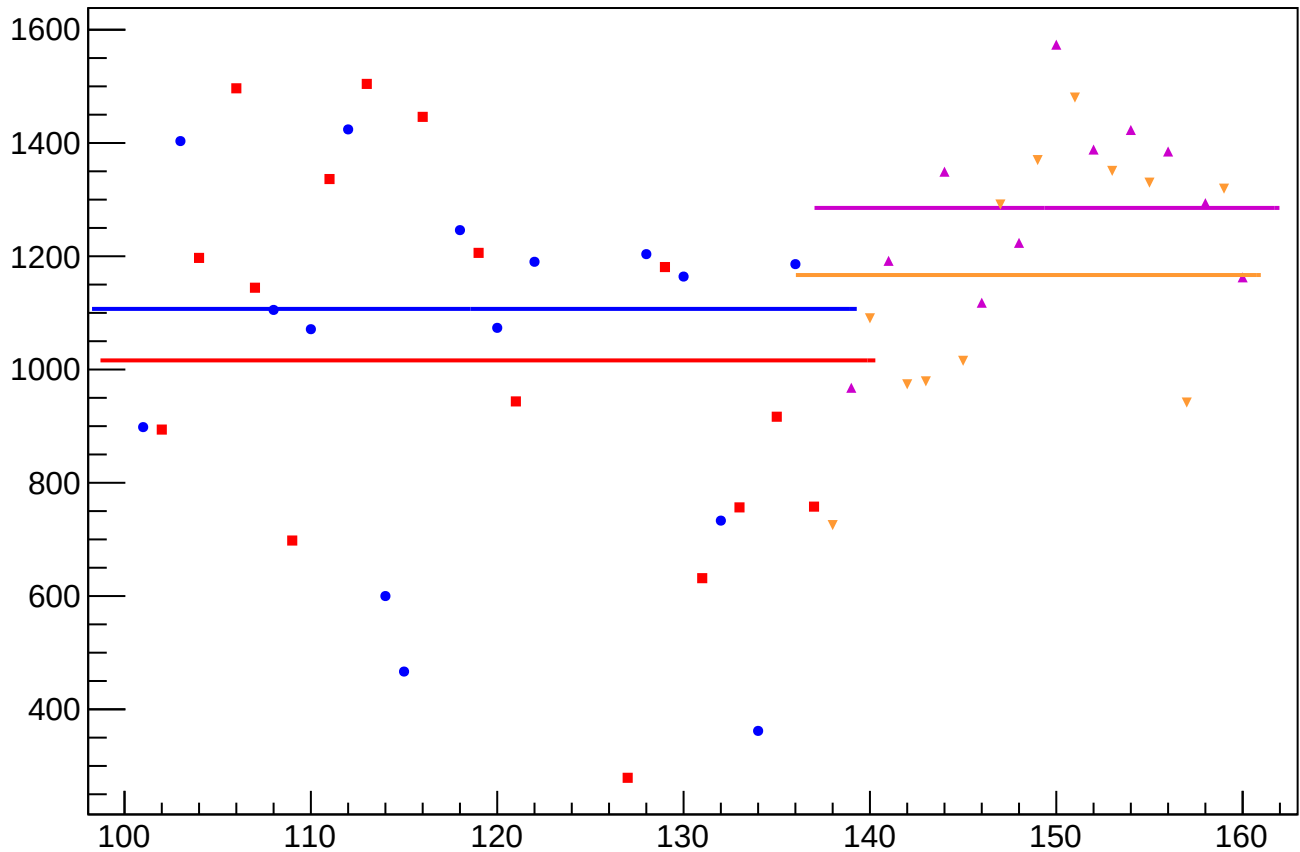
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -7057.509+/-0.000 χ^2/NDF : 567022768290026836186795118569021505536.0/11
 Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



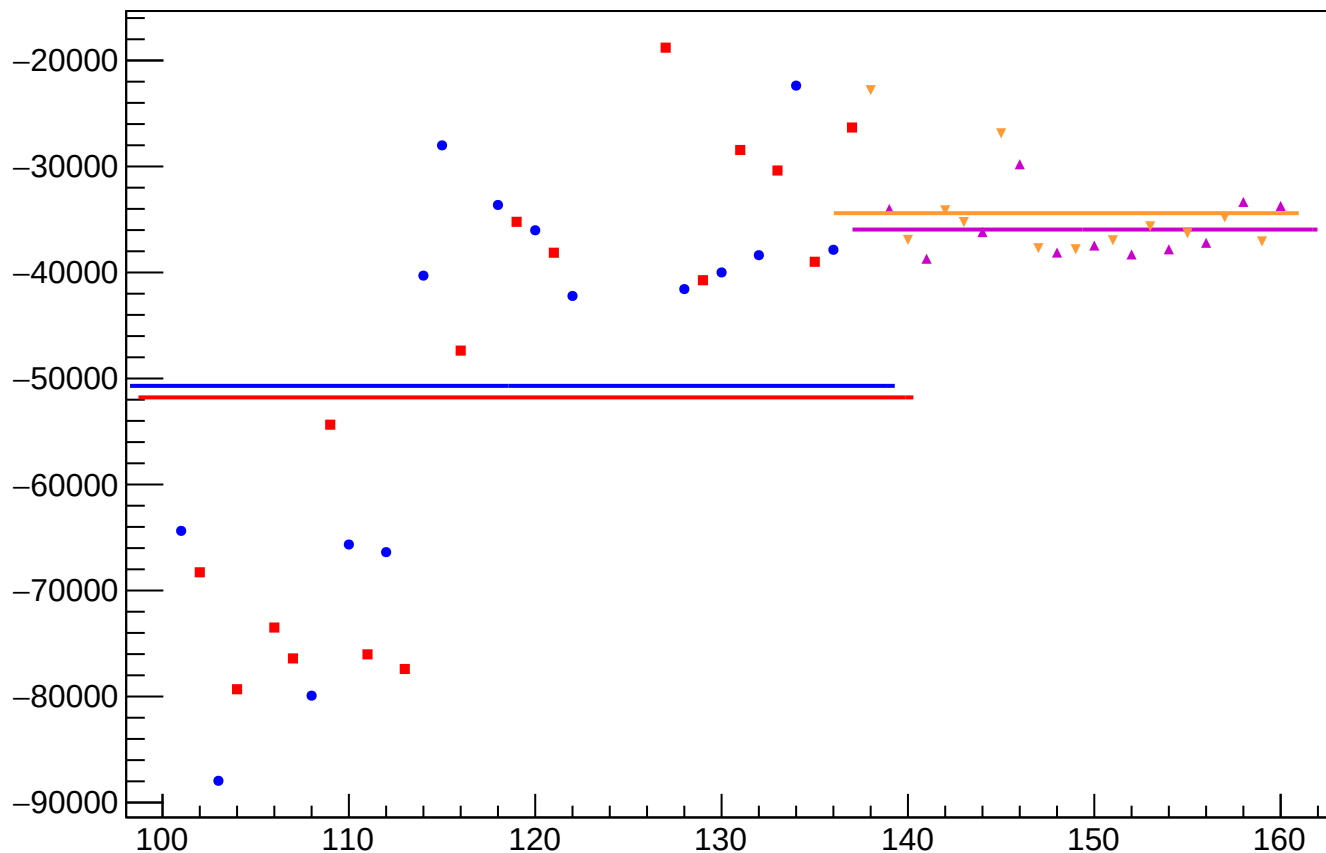
Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14
 Left Out: 75.280+/-0.000 χ^2/NDF : 271565230291715258223184233837363200.0/11
 Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15
 Left In: 79.096+/-0.000 χ^2/NDF : 243975342218114768326270780809674752.0/10
 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



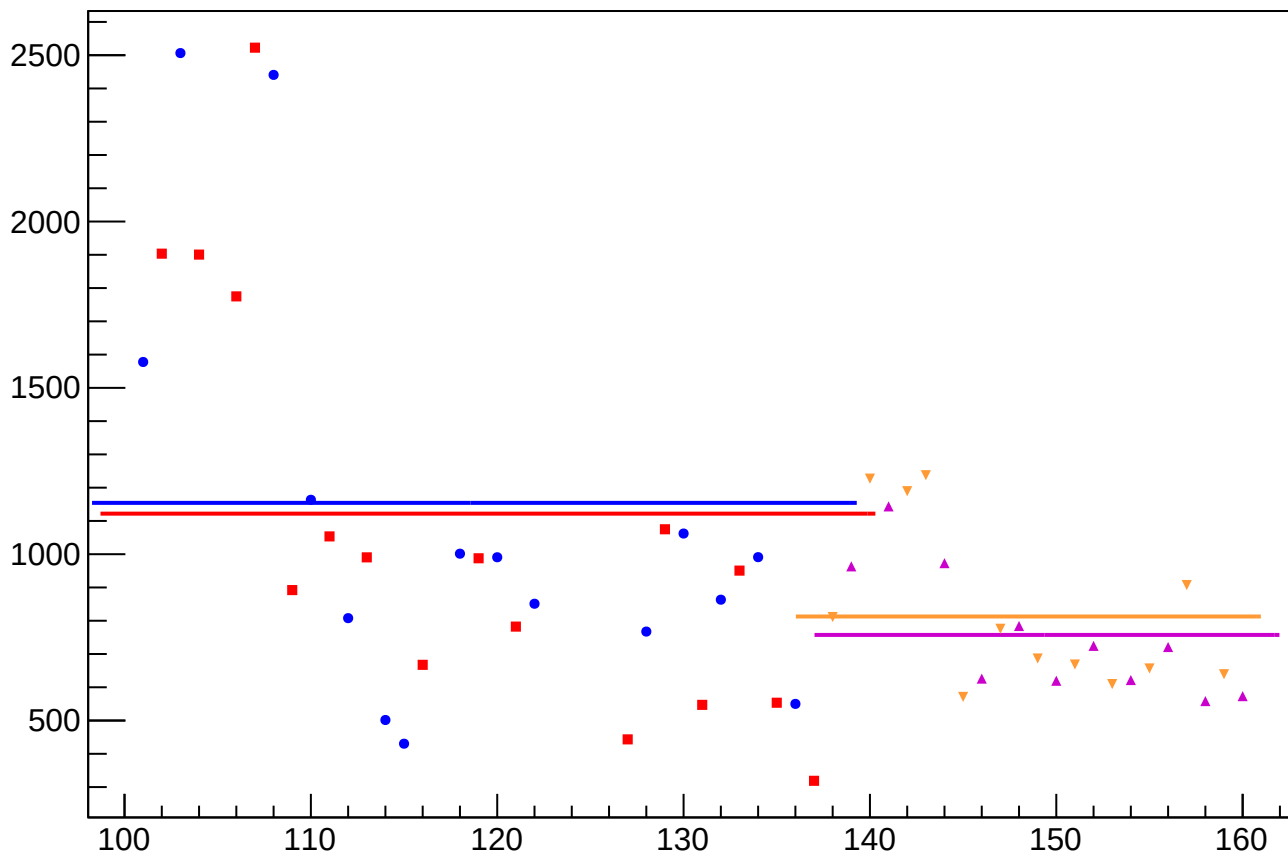
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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

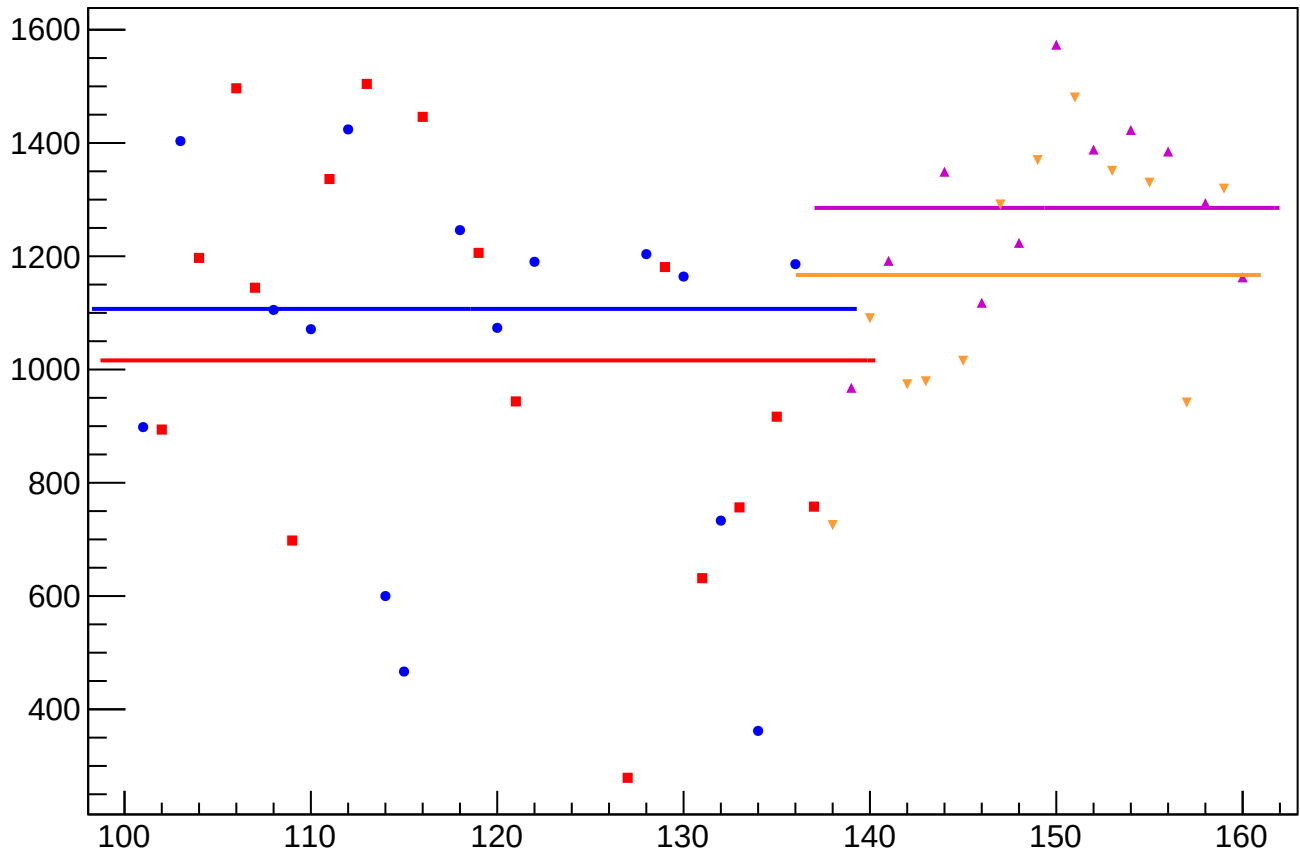
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

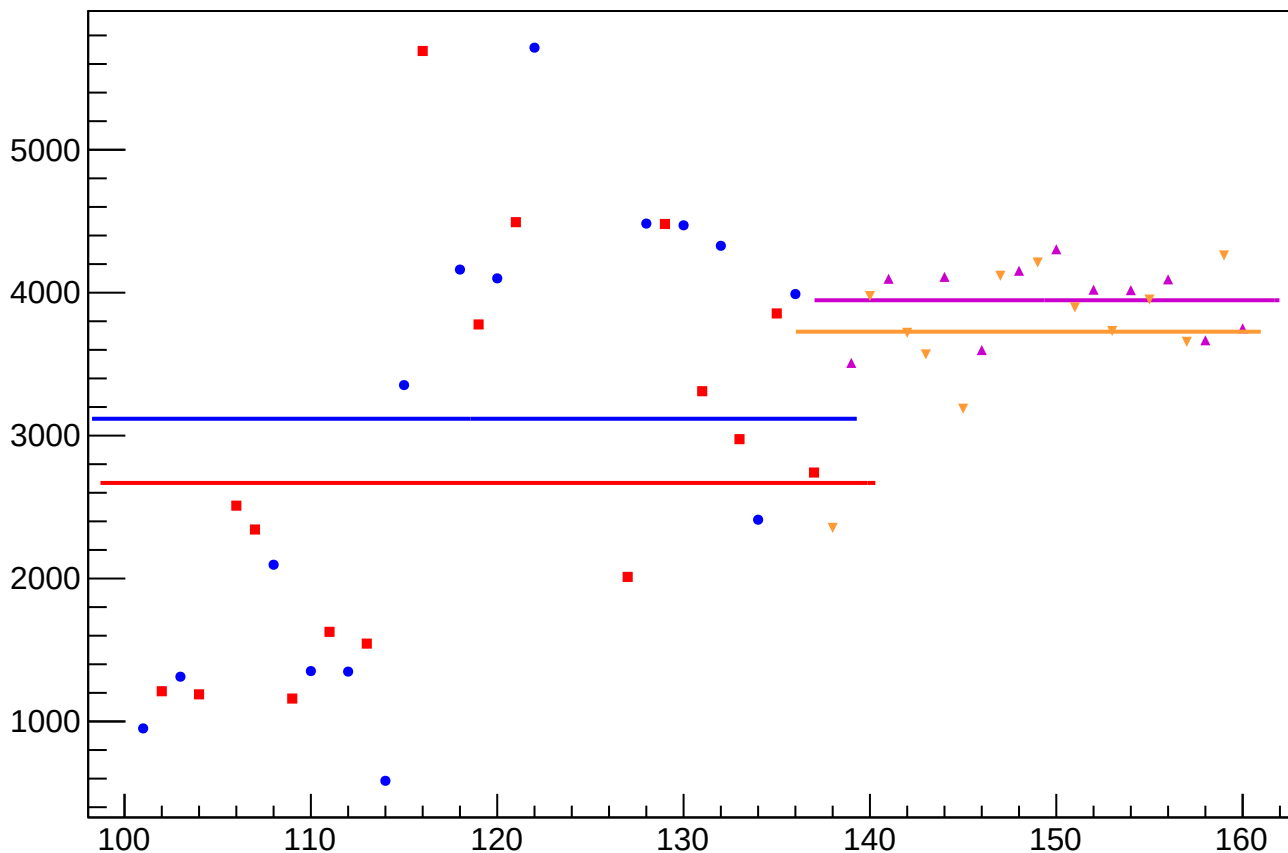
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



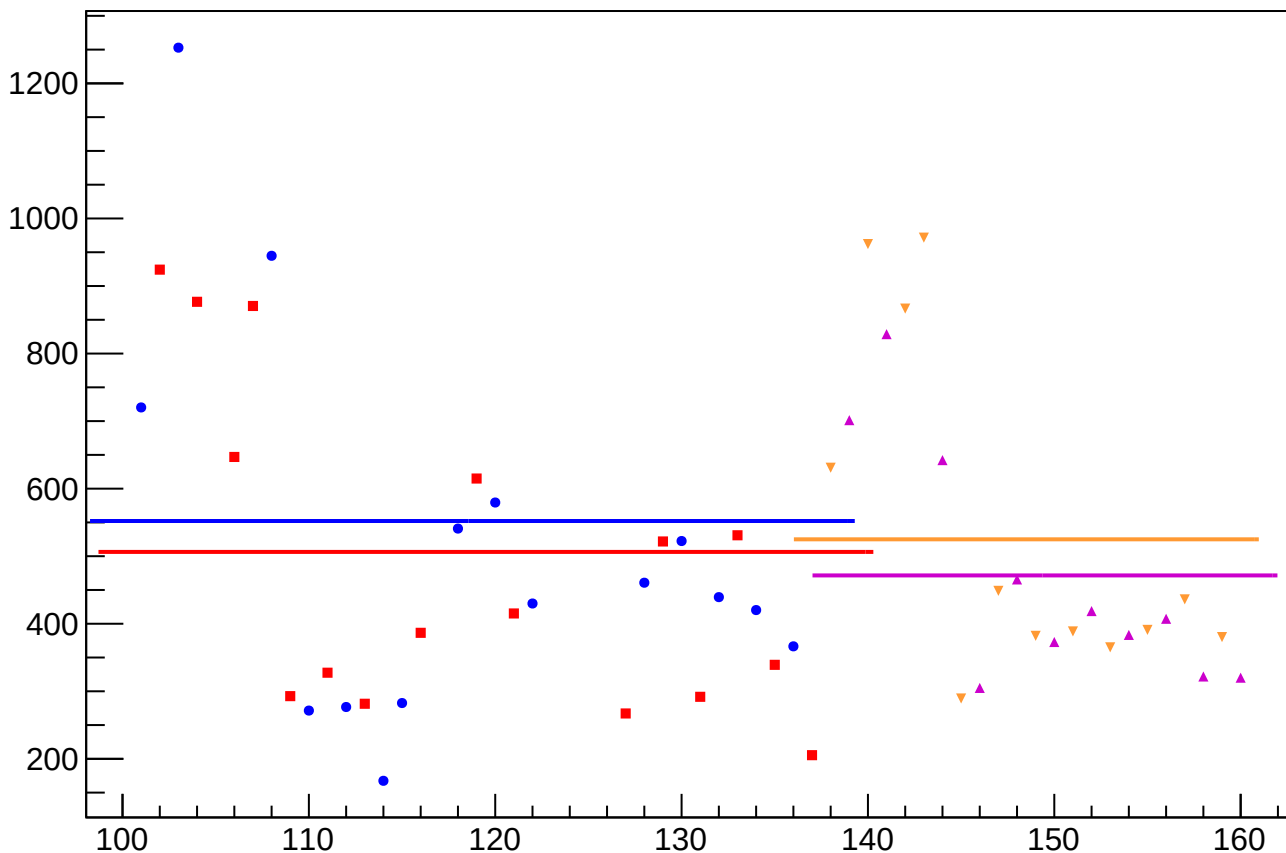
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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

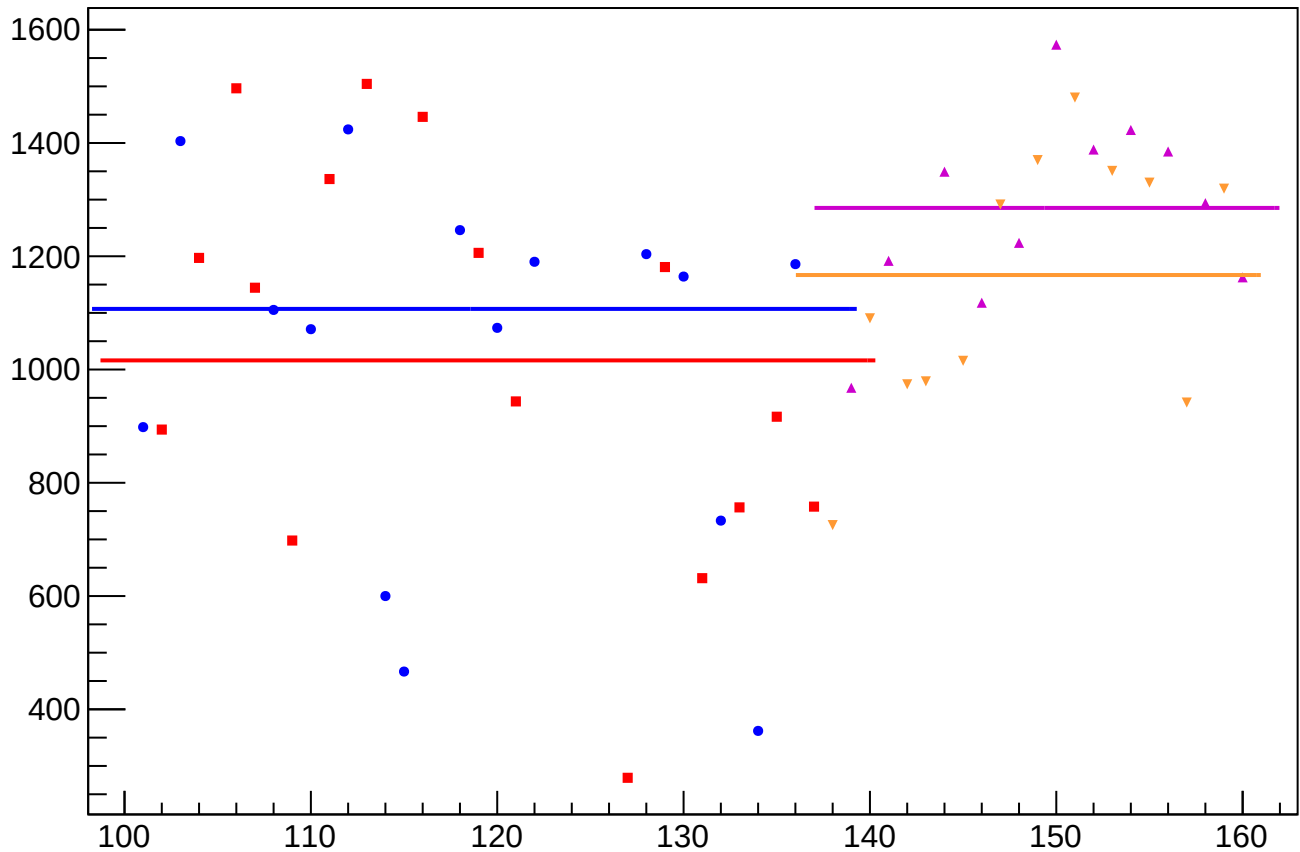
All: 510.967+/-0.000 χ^2/NDF : 165450893043

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

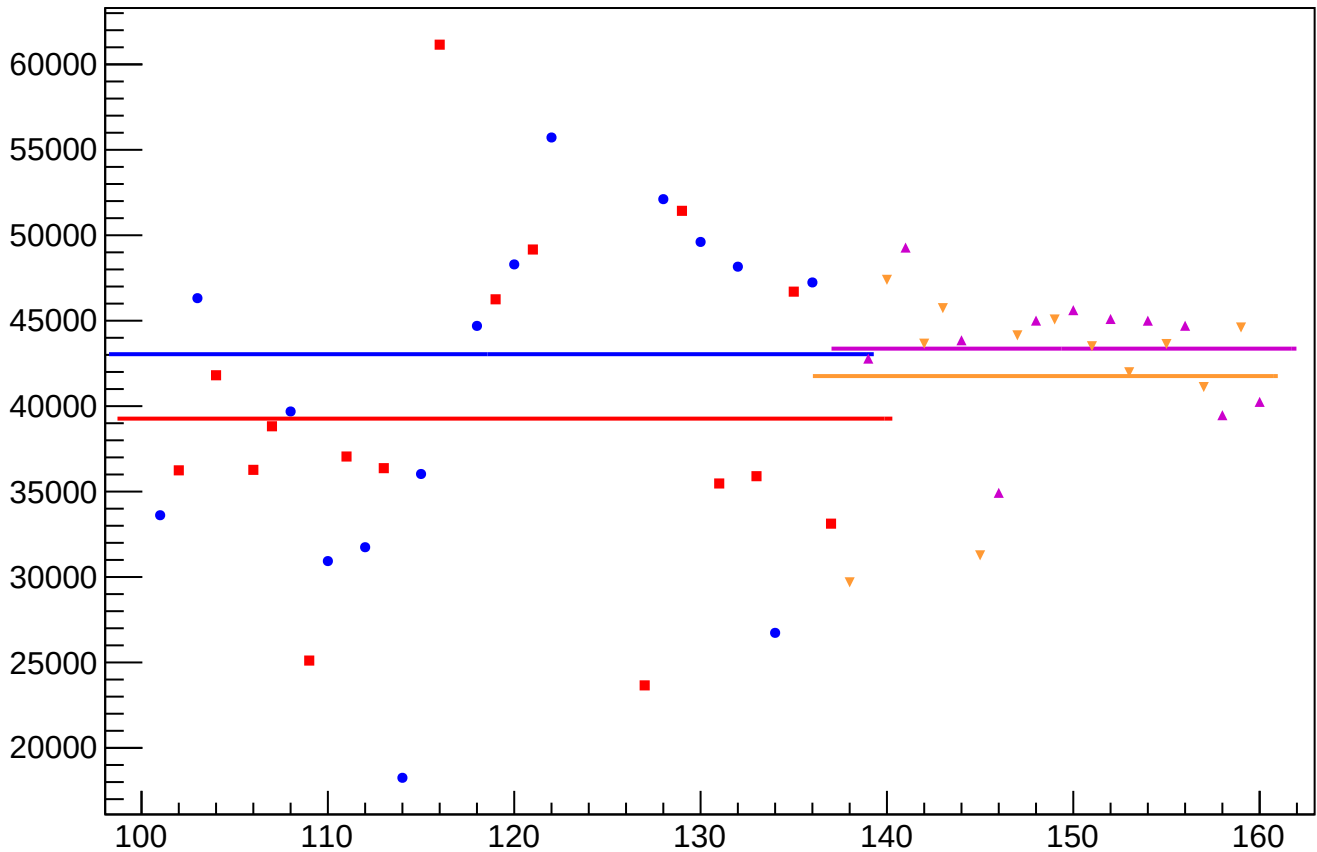
Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_coil4_Ndata_mean vs Slug



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

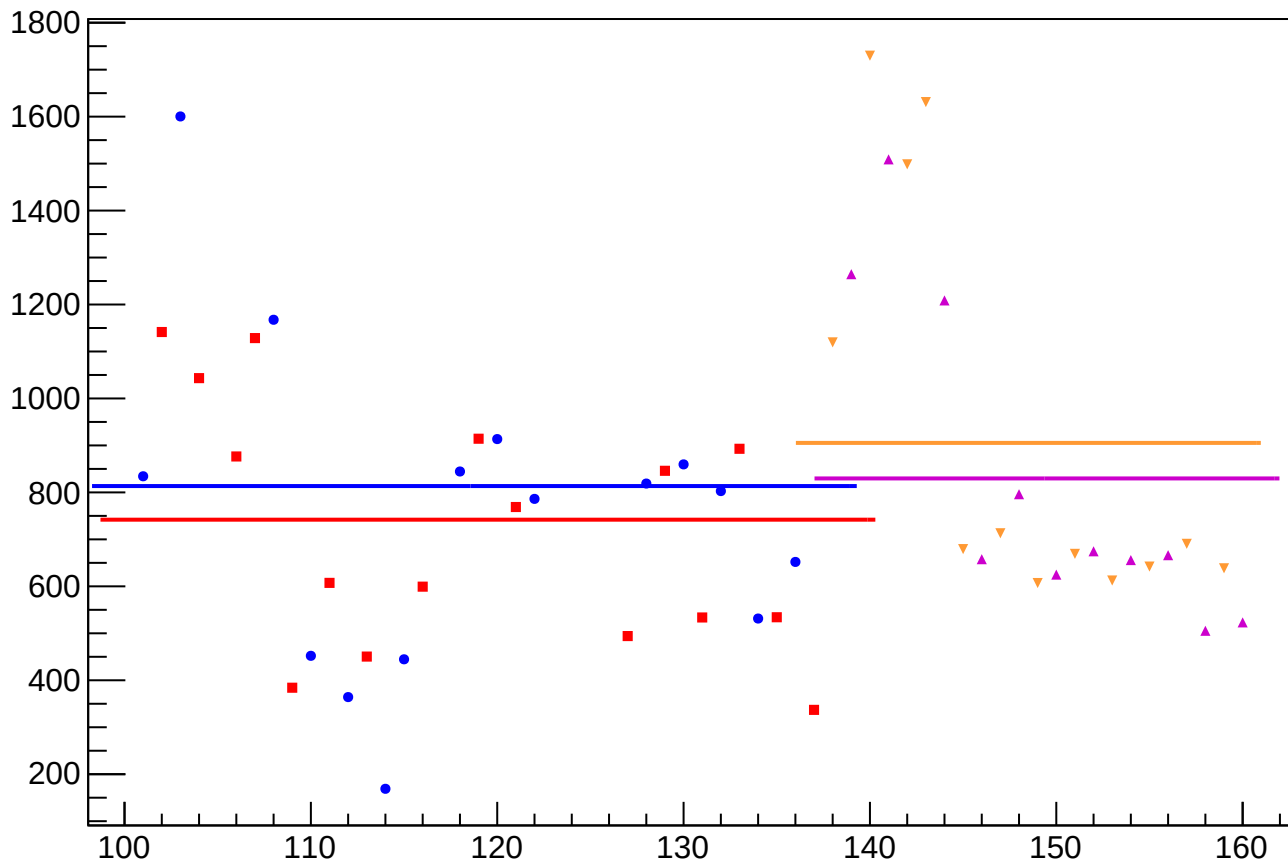
dit_sam4_coil4_mean vs Slug



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



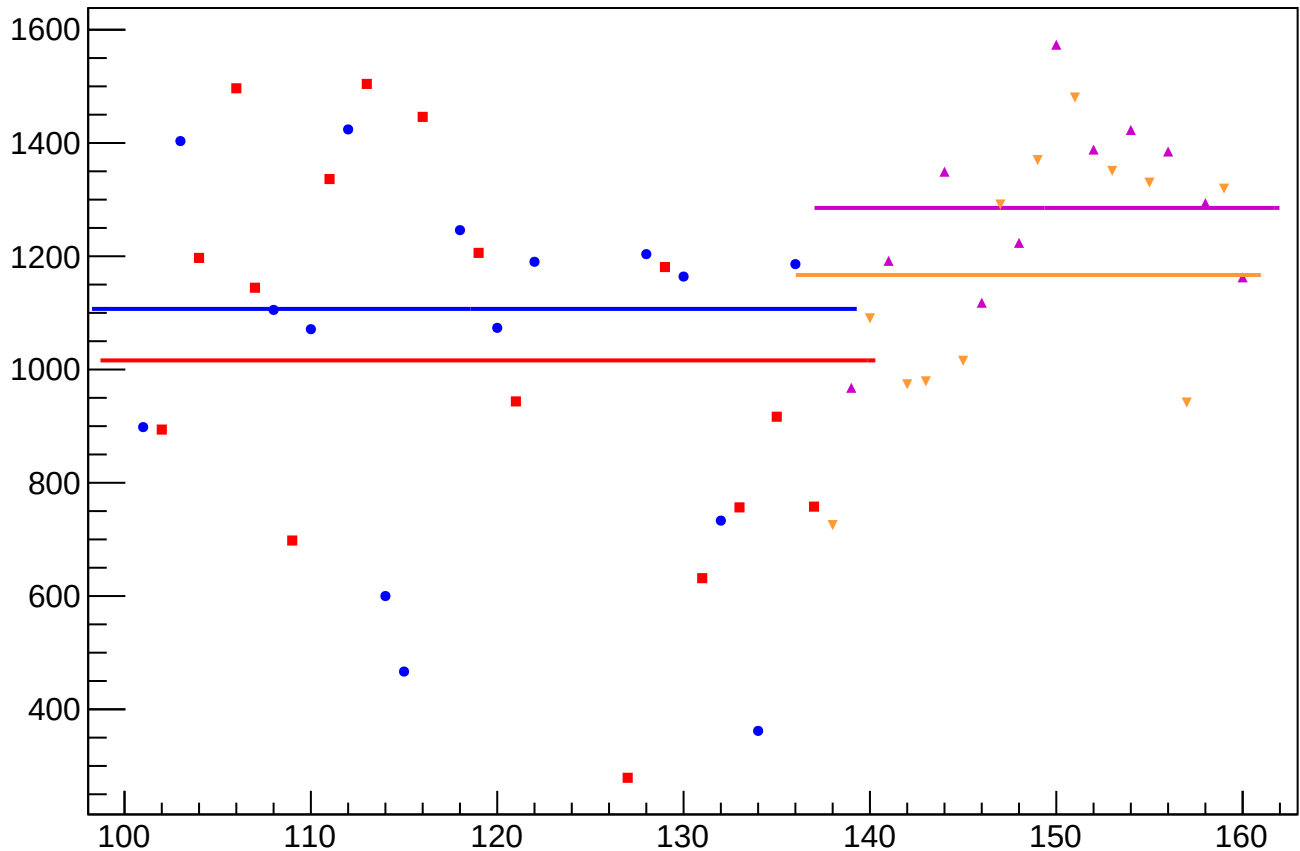
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

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

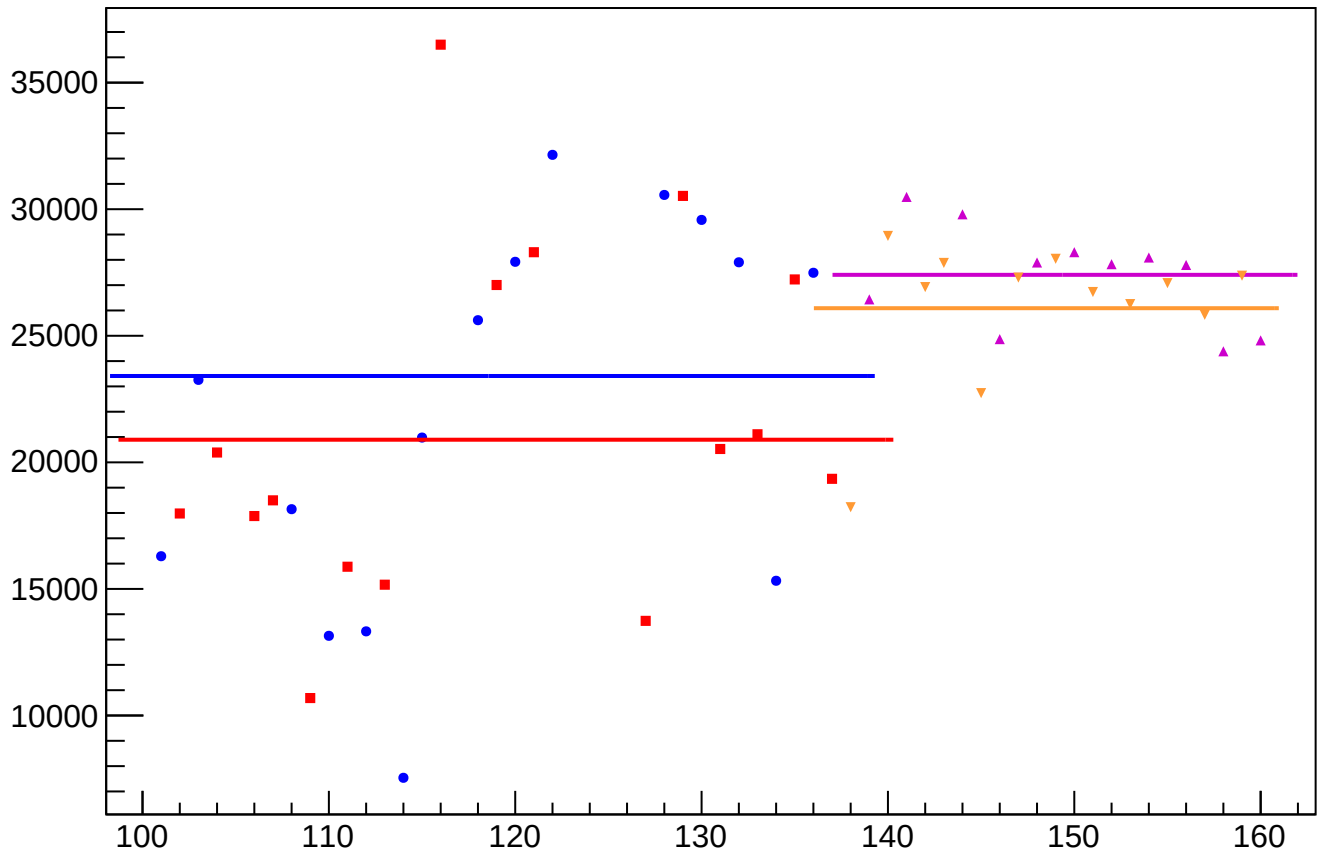
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

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

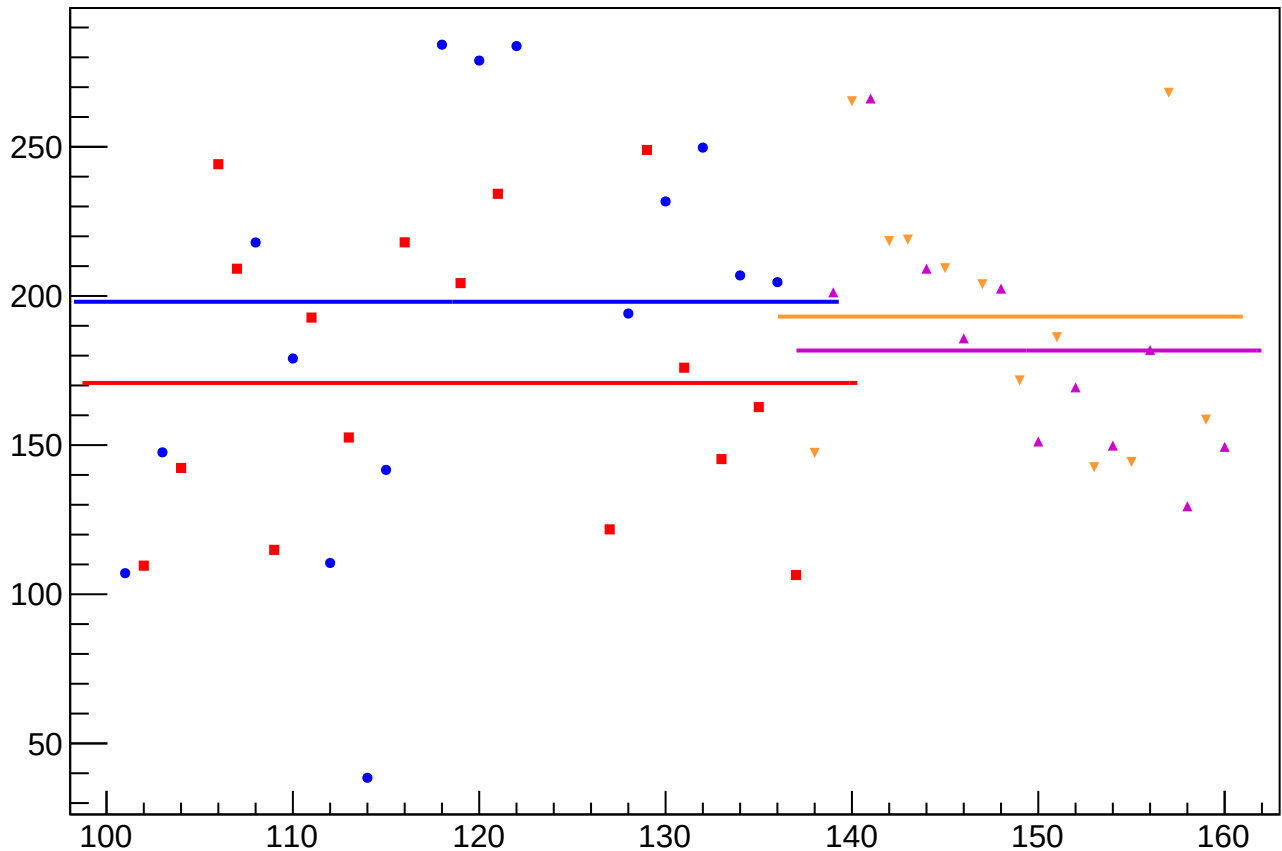
dit_sam5_coil4_mean vs Slug



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

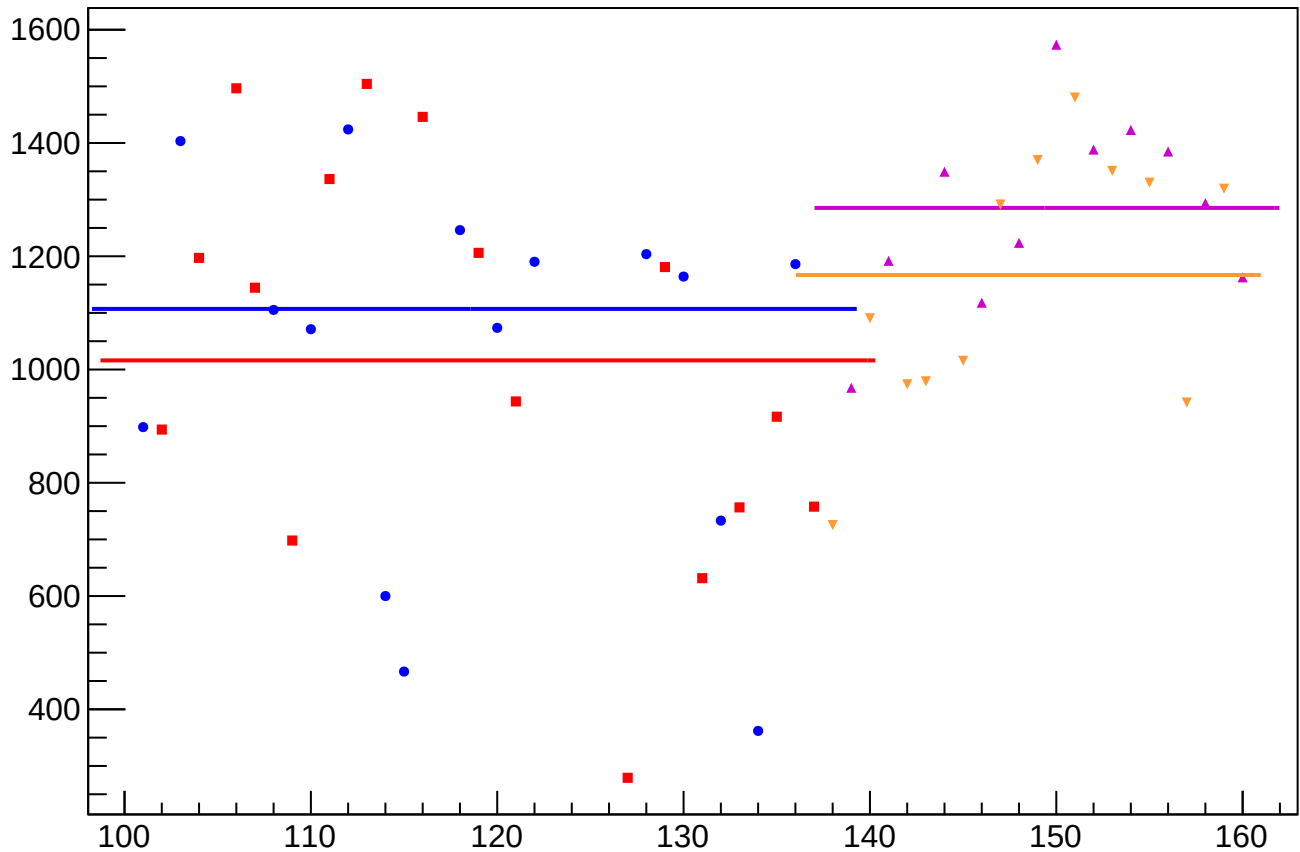
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

All: 186.074 +/- 0.000 χ^2/NDF : 712277108618

+ sign 195.148 +/- 0.000 χ^2/NDF : 417506015542371

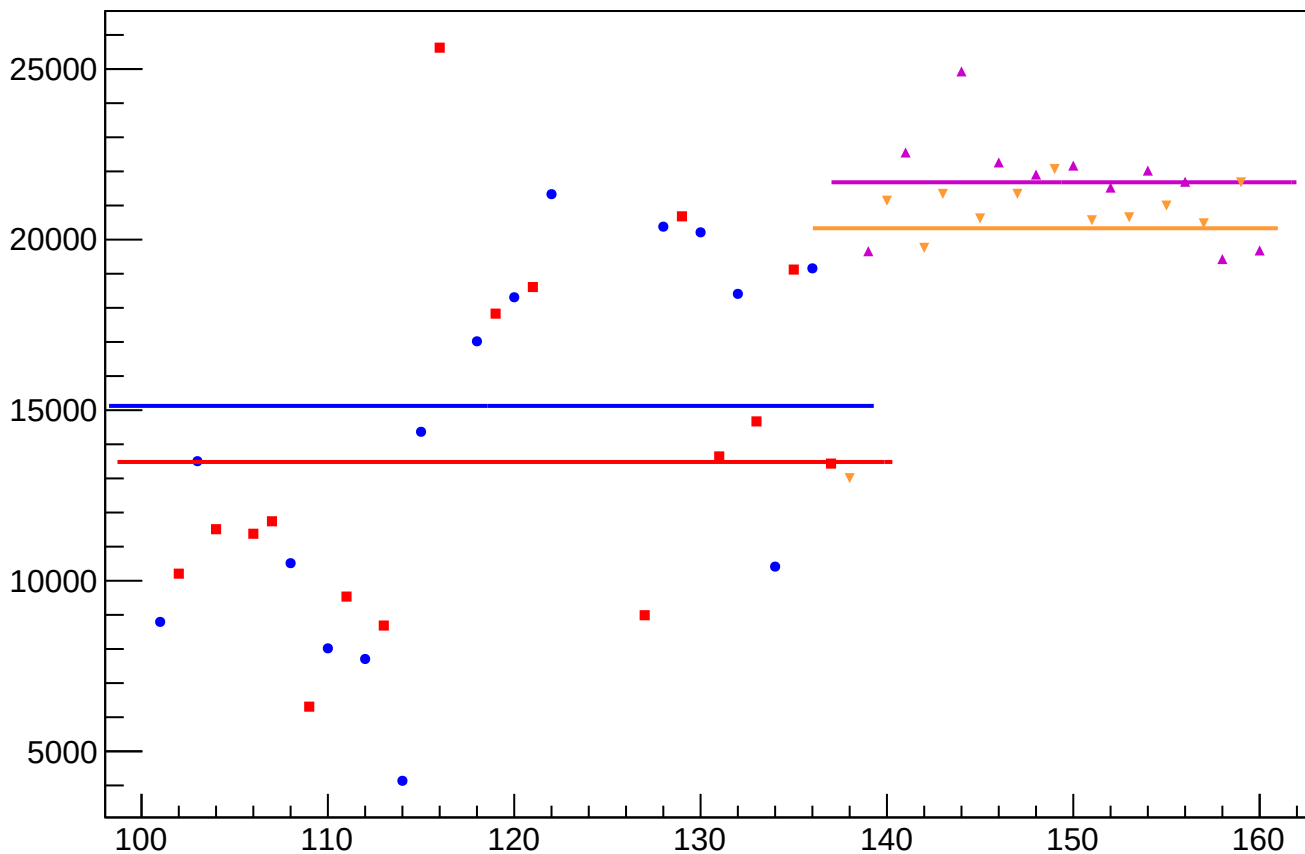
- sign 177.159 +/- 0.000 χ^2/NDF : 269255092186089

dit_sam5_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

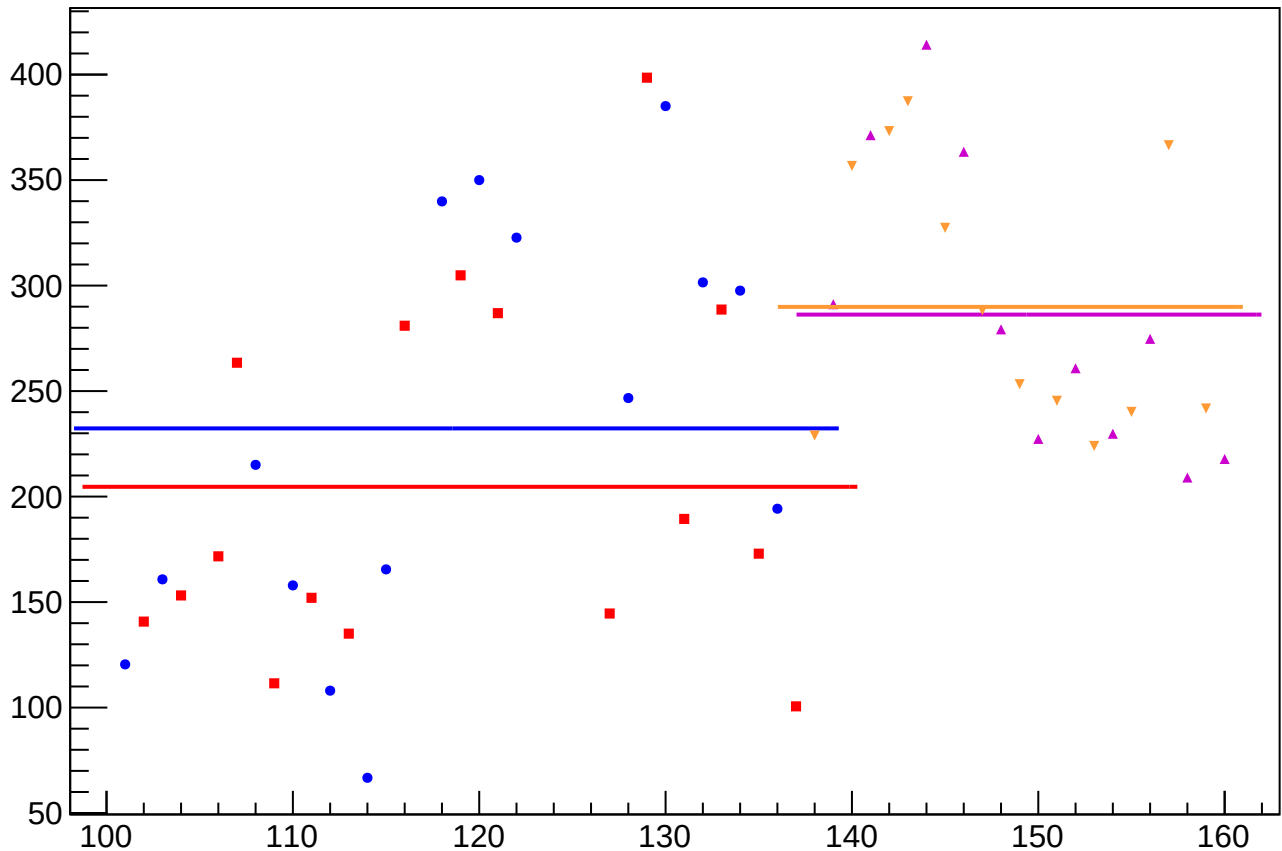
dit_sam6_coil4_mean vs Slug



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

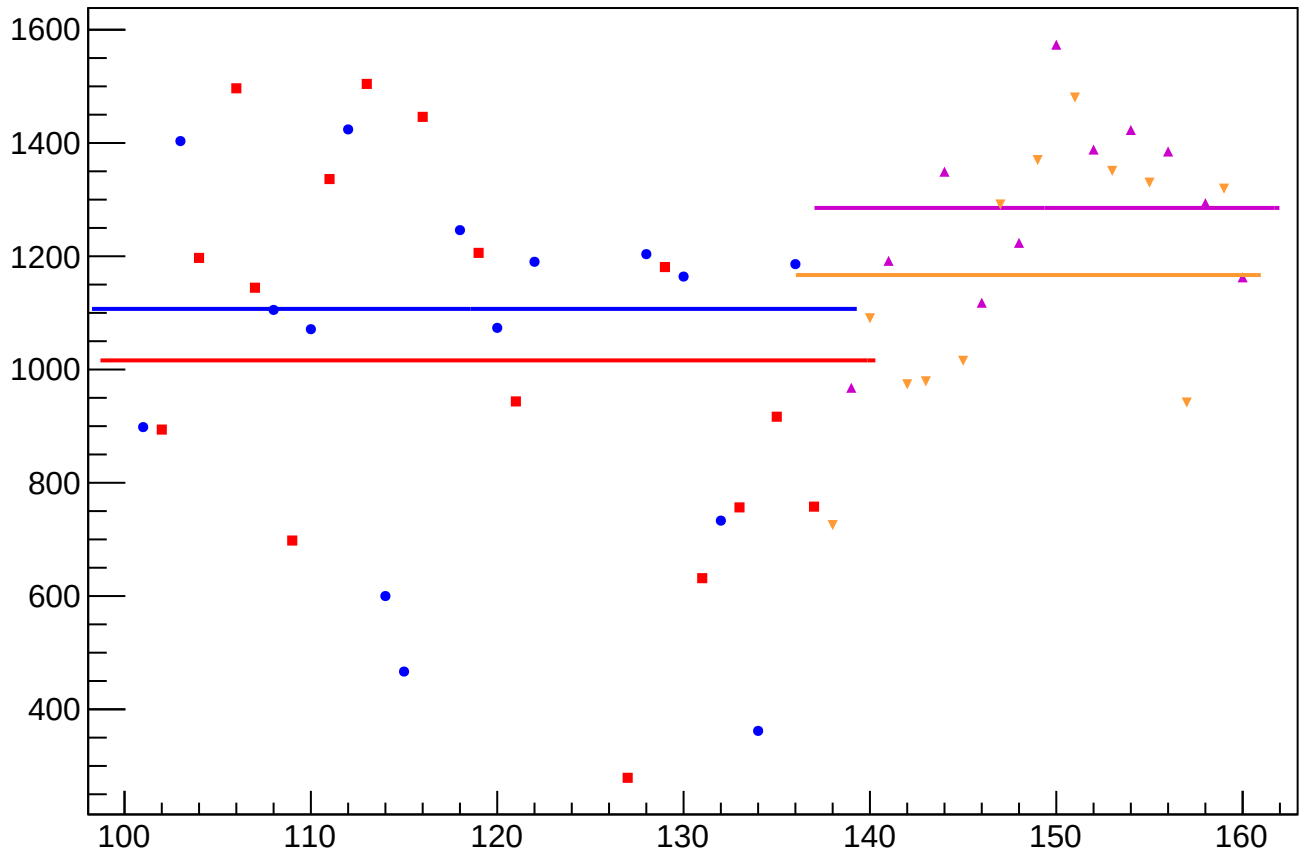
+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

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

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

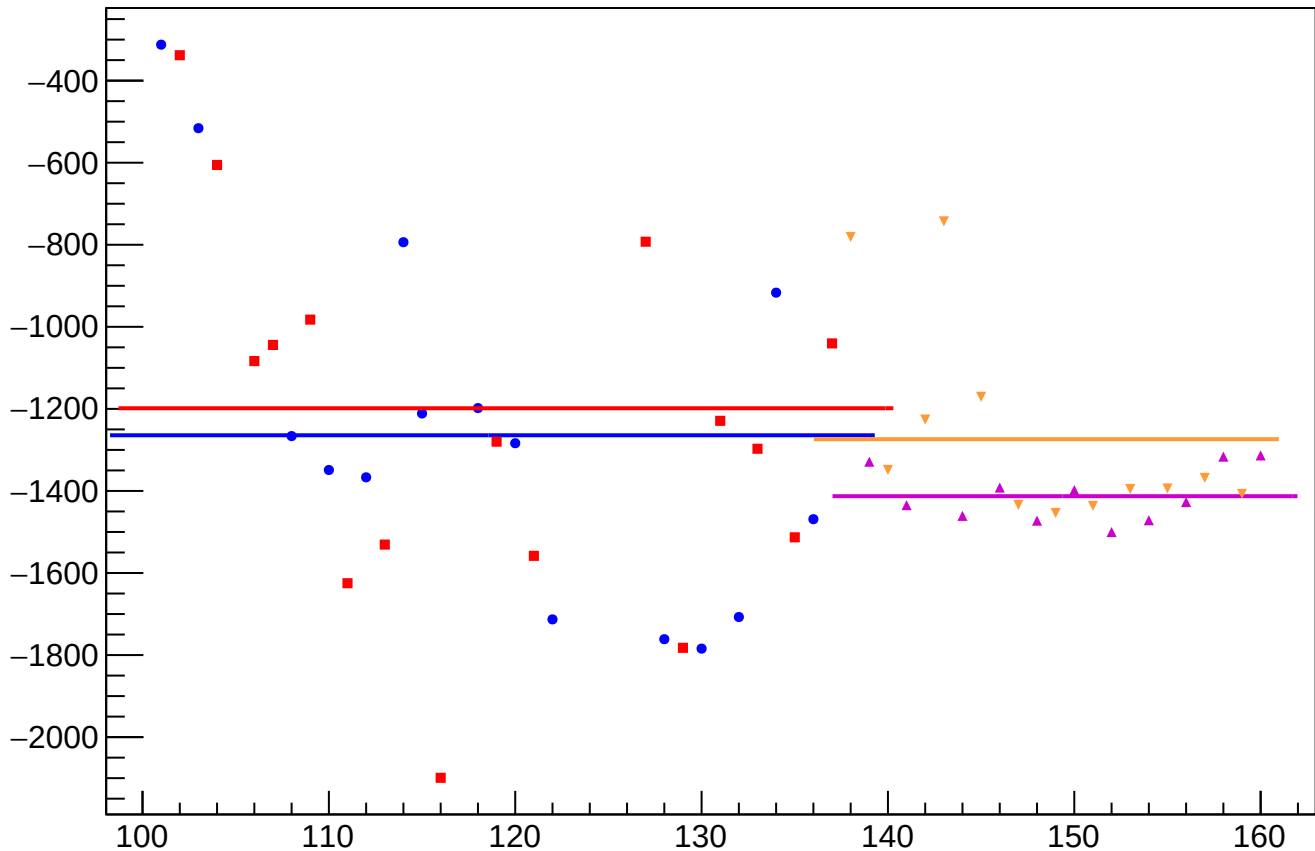
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316

All: 1157.392+/-0.000 χ^2/NDF : 21202911442

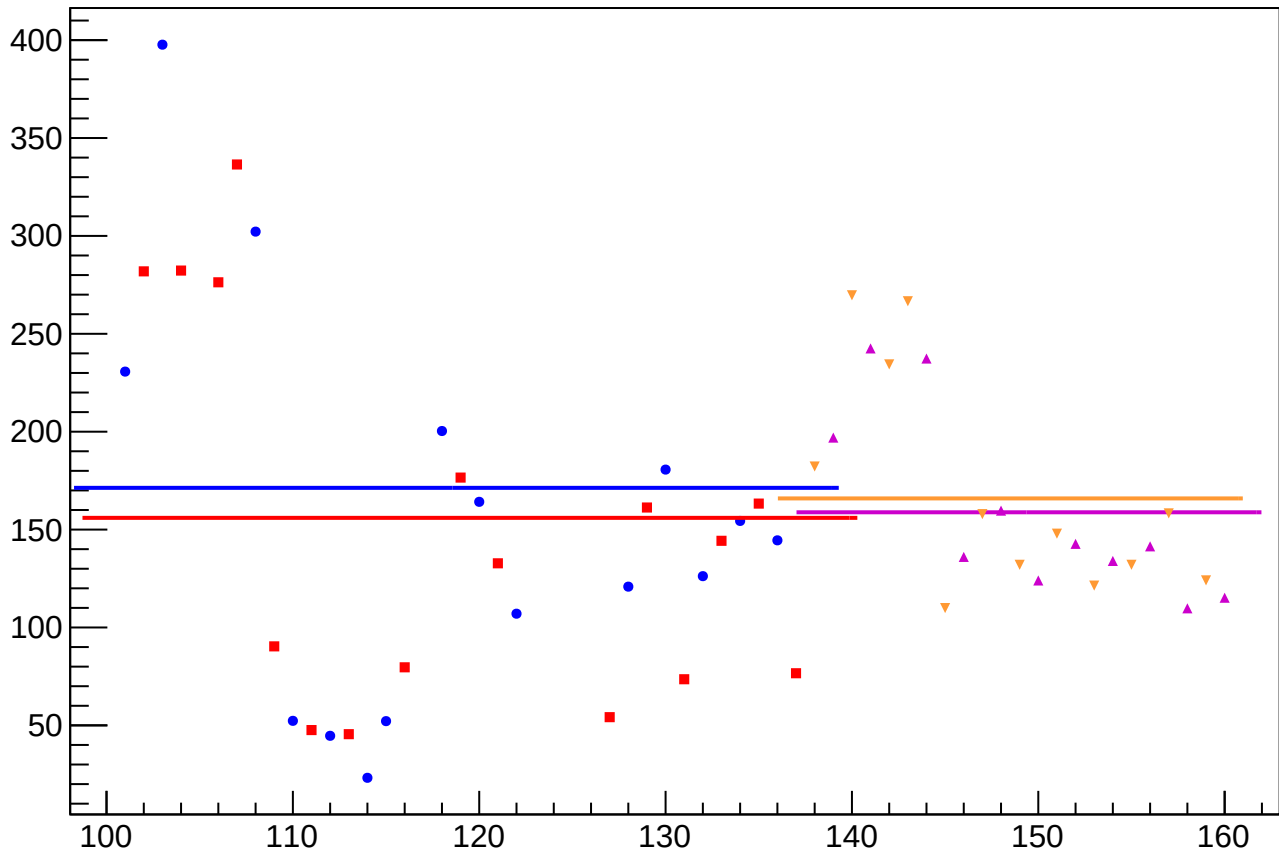
- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



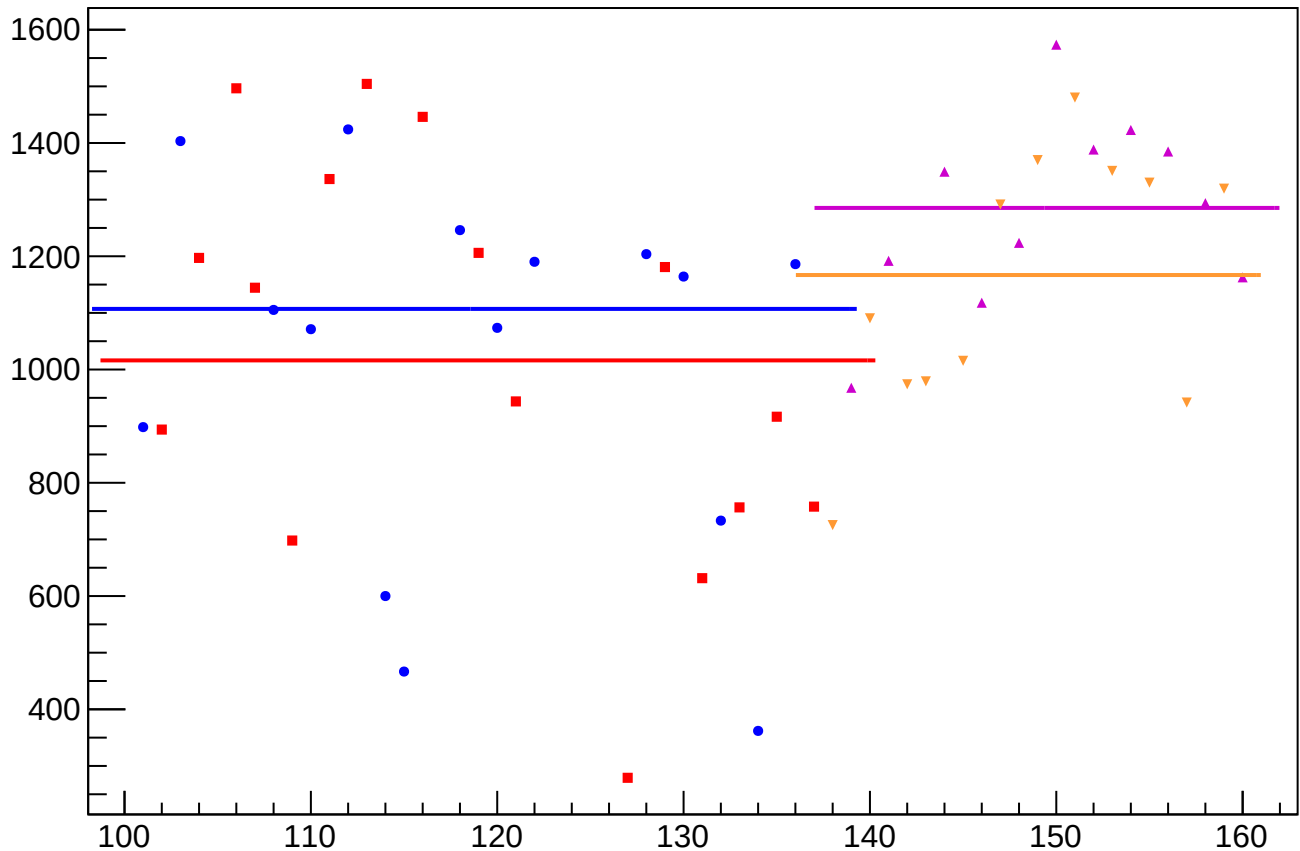
Right In: -1264.303+/-0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912+/-0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483+/-0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771+/-0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10
 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



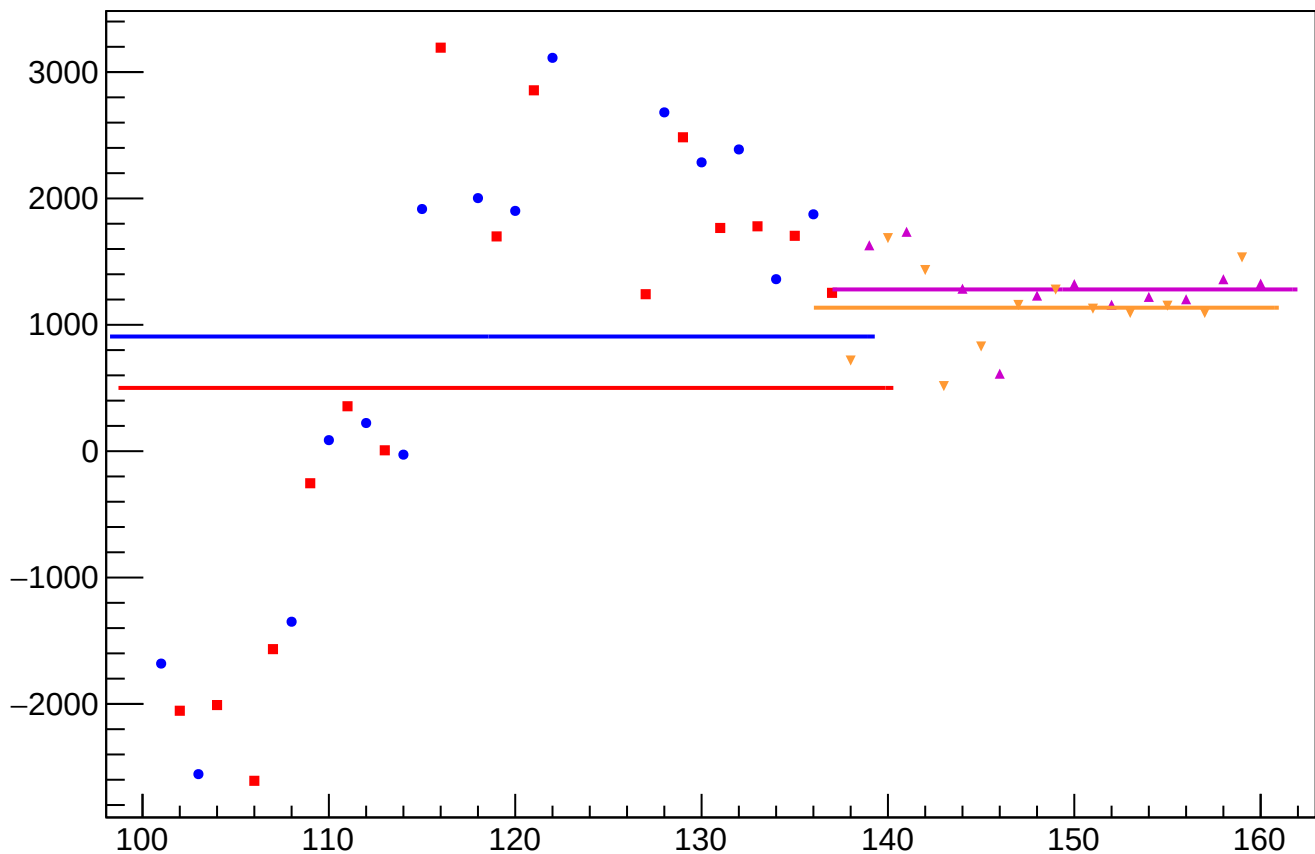
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

dit_sam7_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

dit_sam8_coil4_mean vs Slug



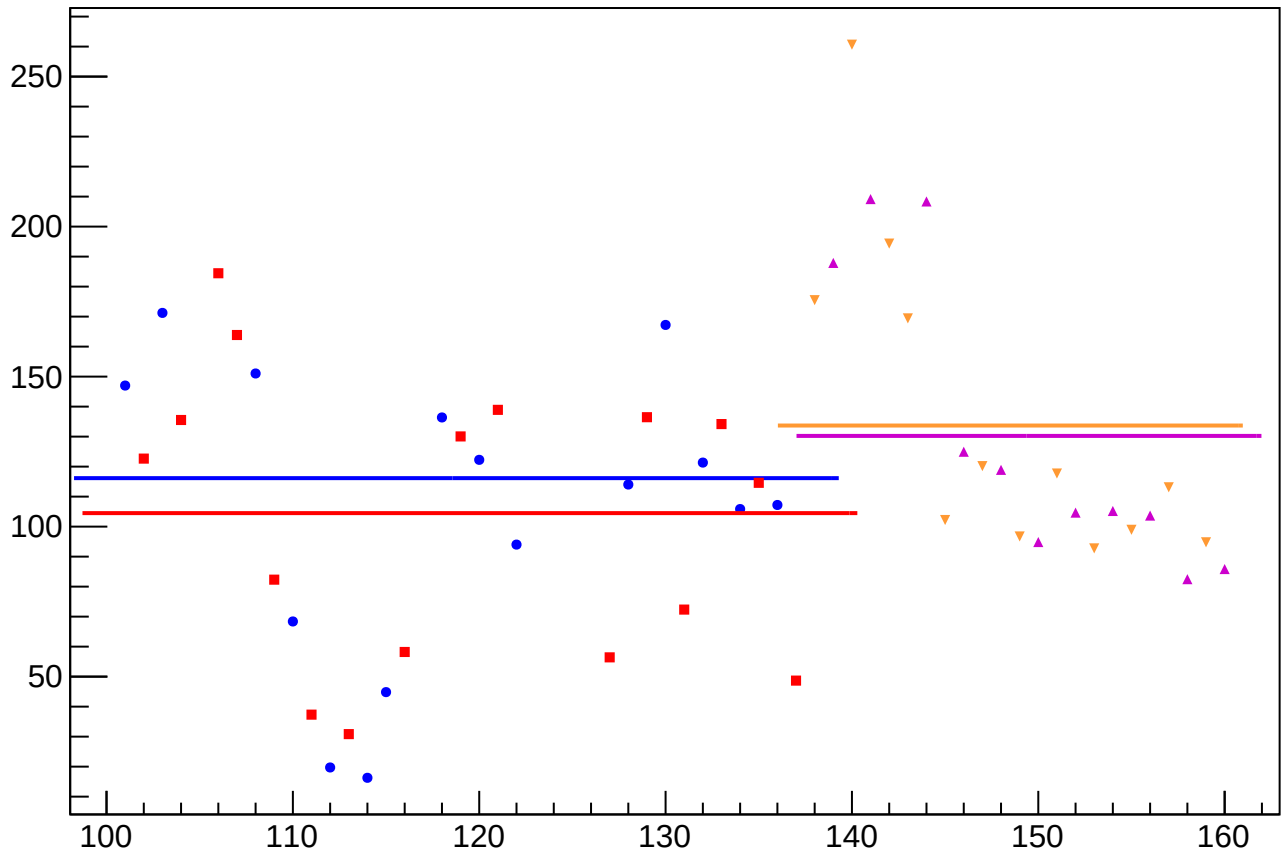
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ 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

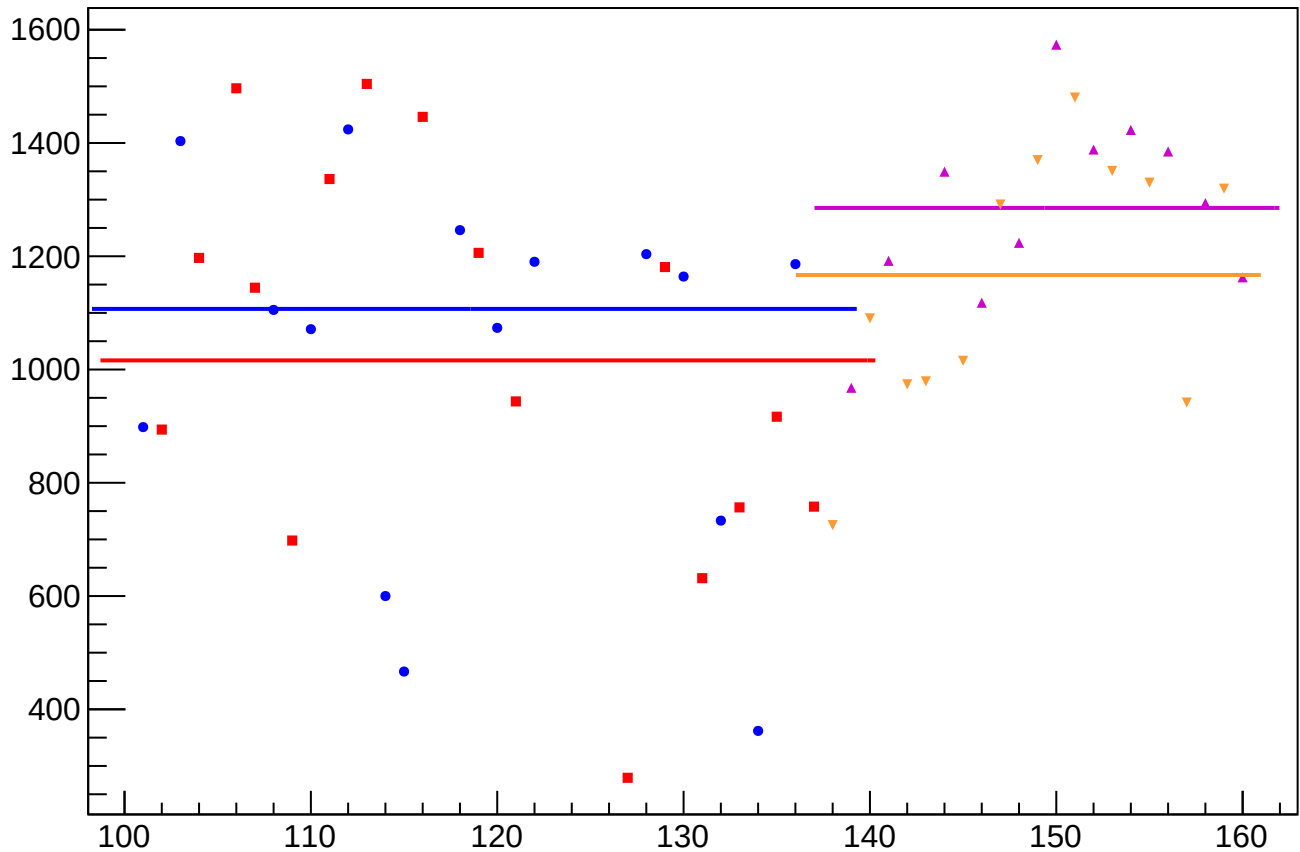
dit_sam8_coil4_err_mean vs Slug



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

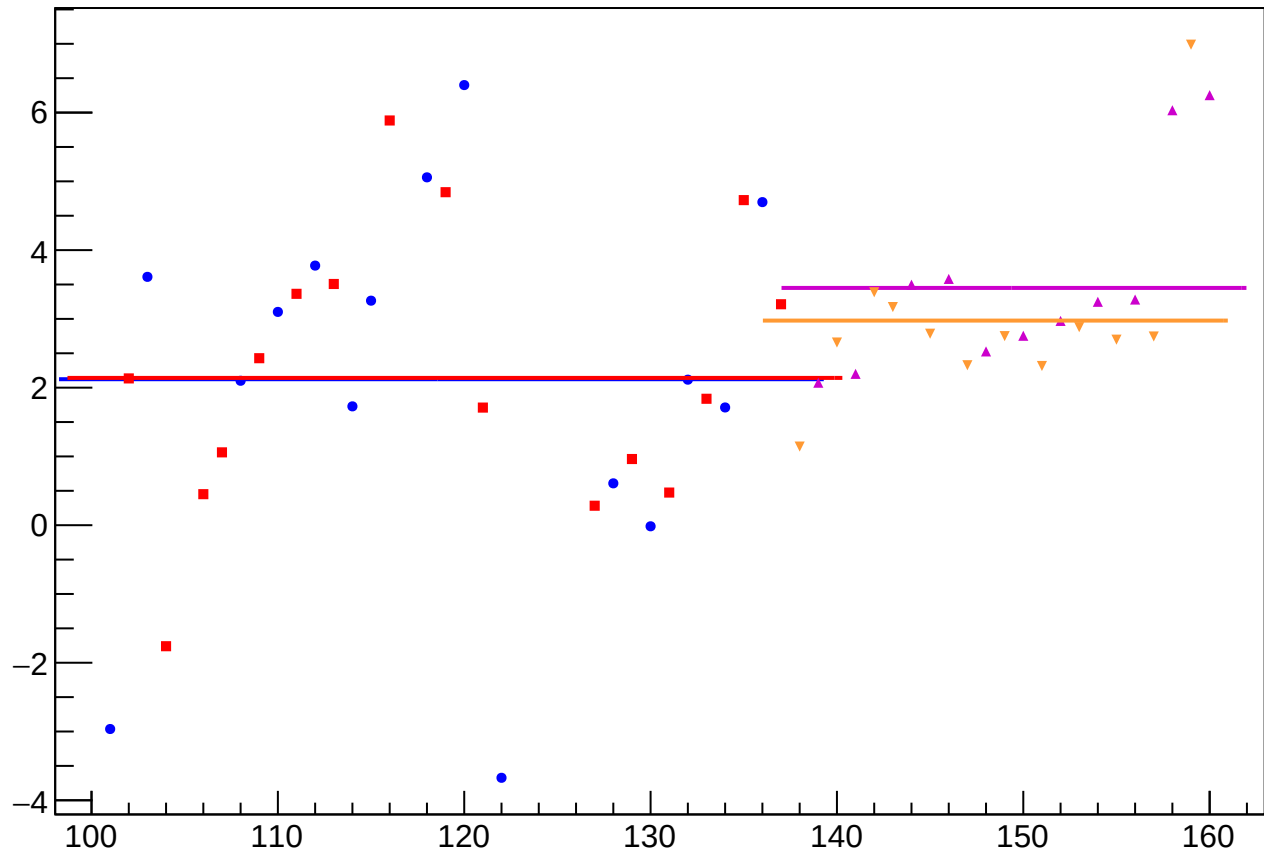
+ sign 126.414+/-0.000 χ^2/NDF : 364747445092715
 All: 122.900+/-0.000 χ^2/NDF : 71971163823
 - sign 119.447+/-0.000 χ^2/NDF : 351137486927292

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

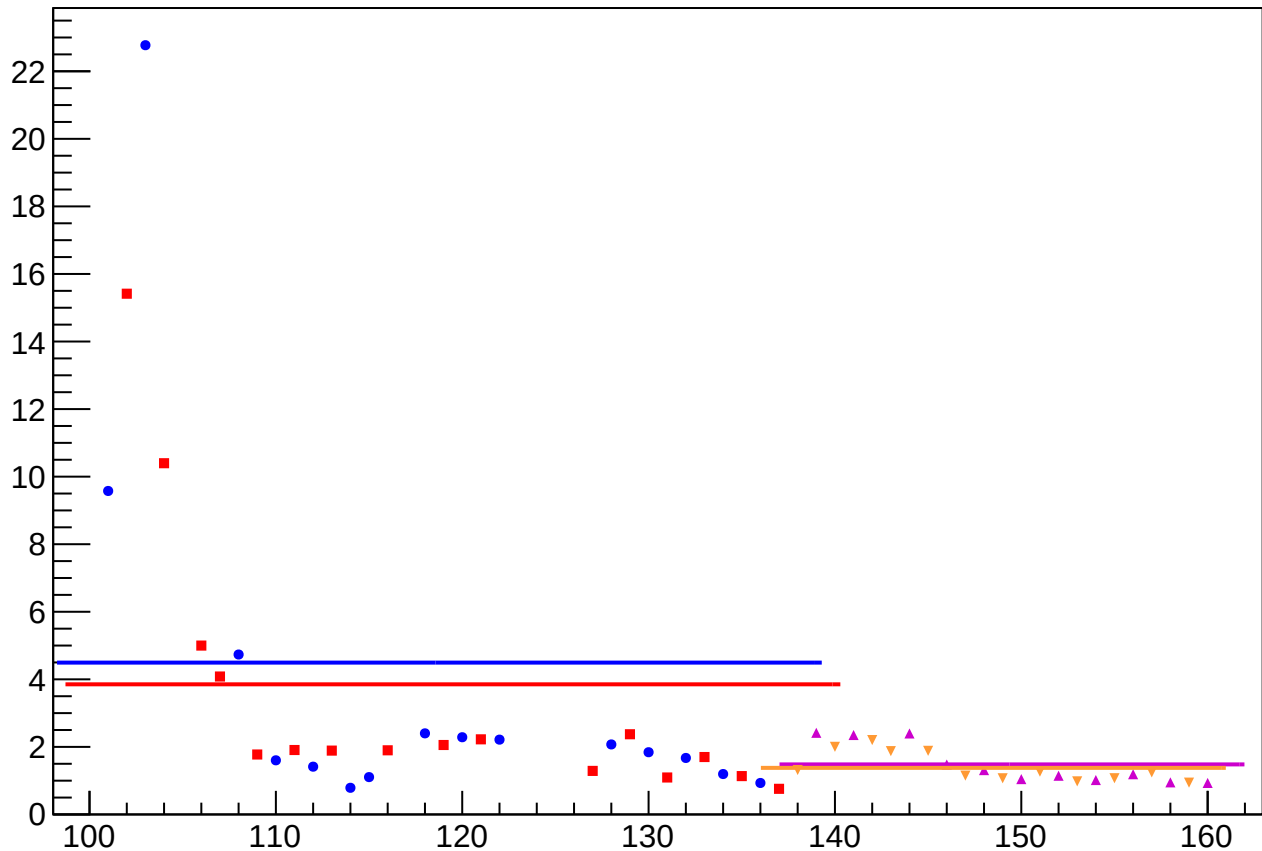
dit_4aX_coil6_mean vs Slug



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

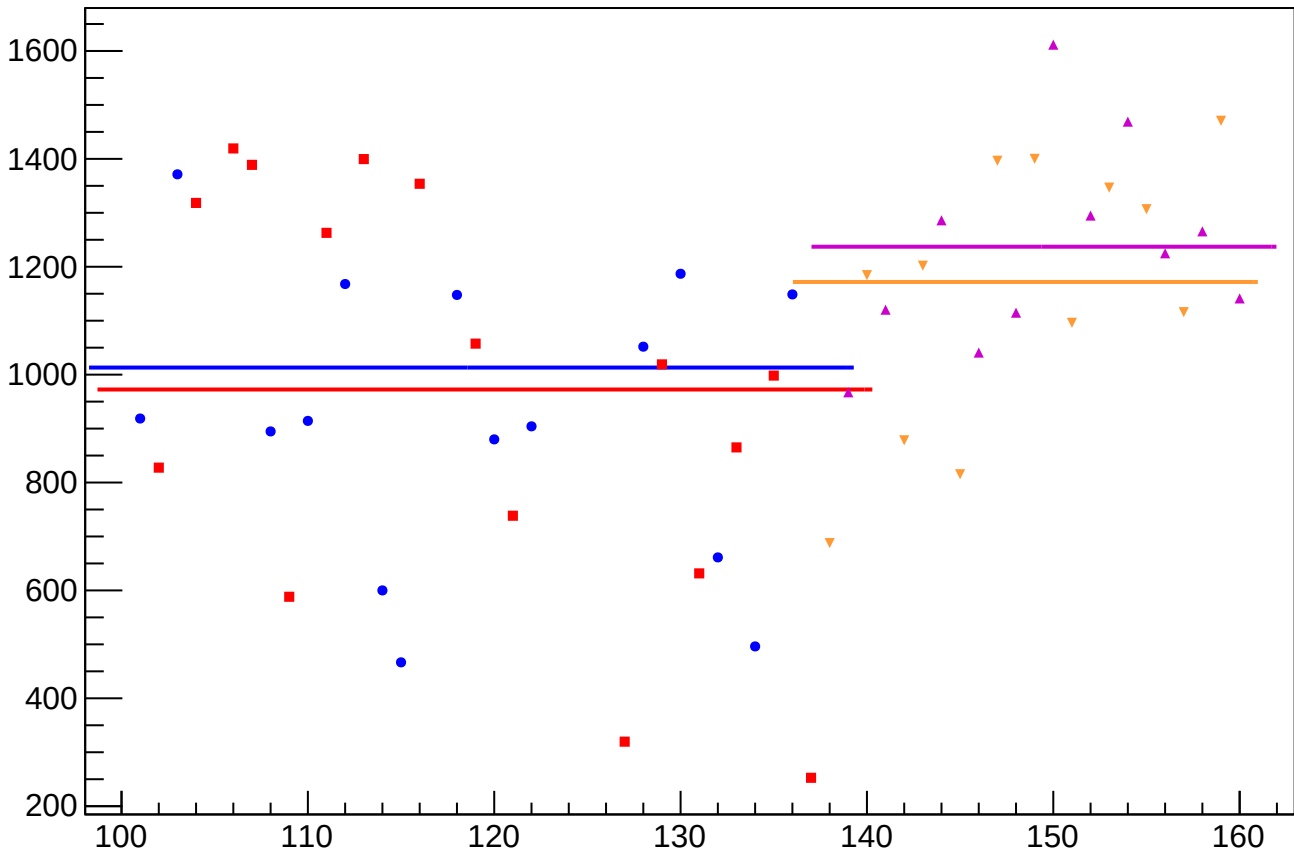
Left In: 1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10

+ sign 2.673 $\pm$ 0.000 χ^2 /NDF: 29105436808146683

All: 2.573 $\pm$ 0.000 χ^2 /NDF: 43938576112447

- sign 2.476 $\pm$ 0.000 χ^2 /NDF: 14802405912641910

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

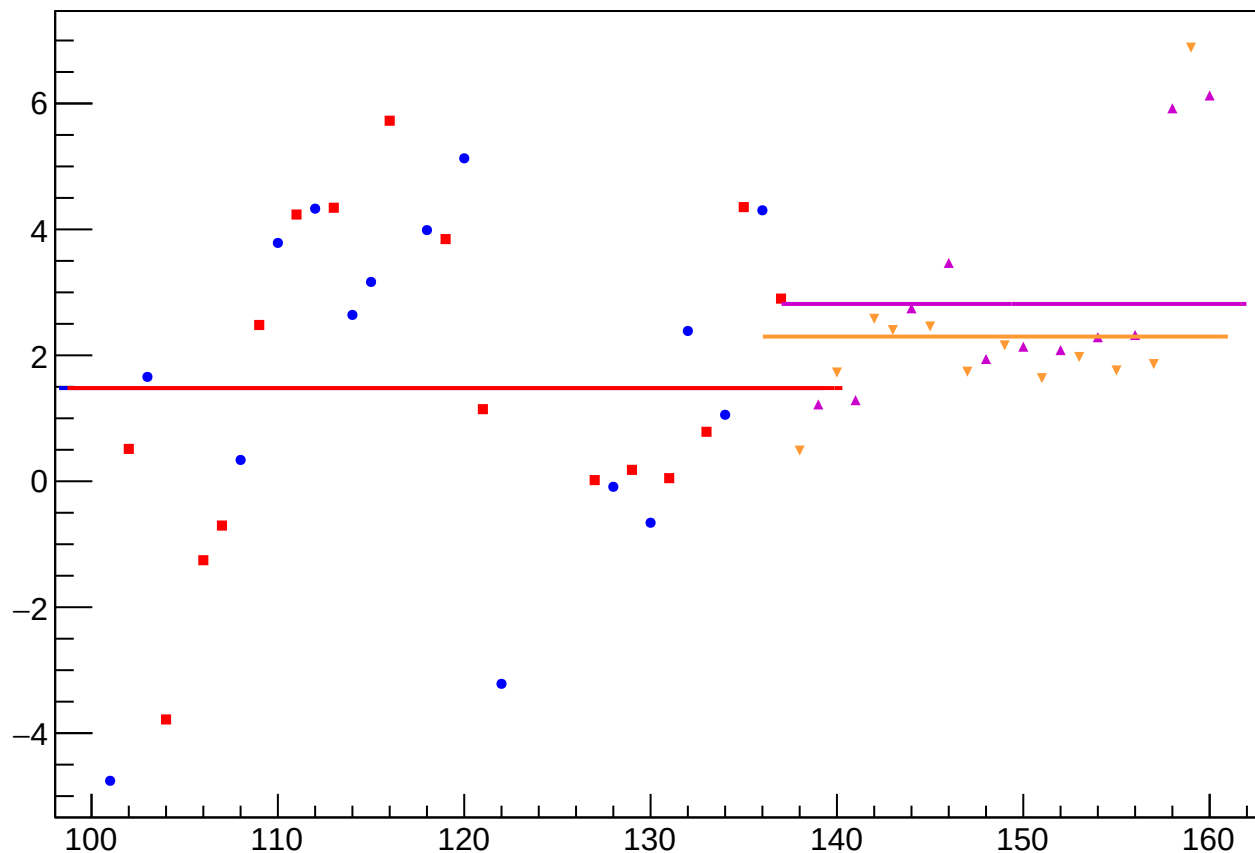
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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



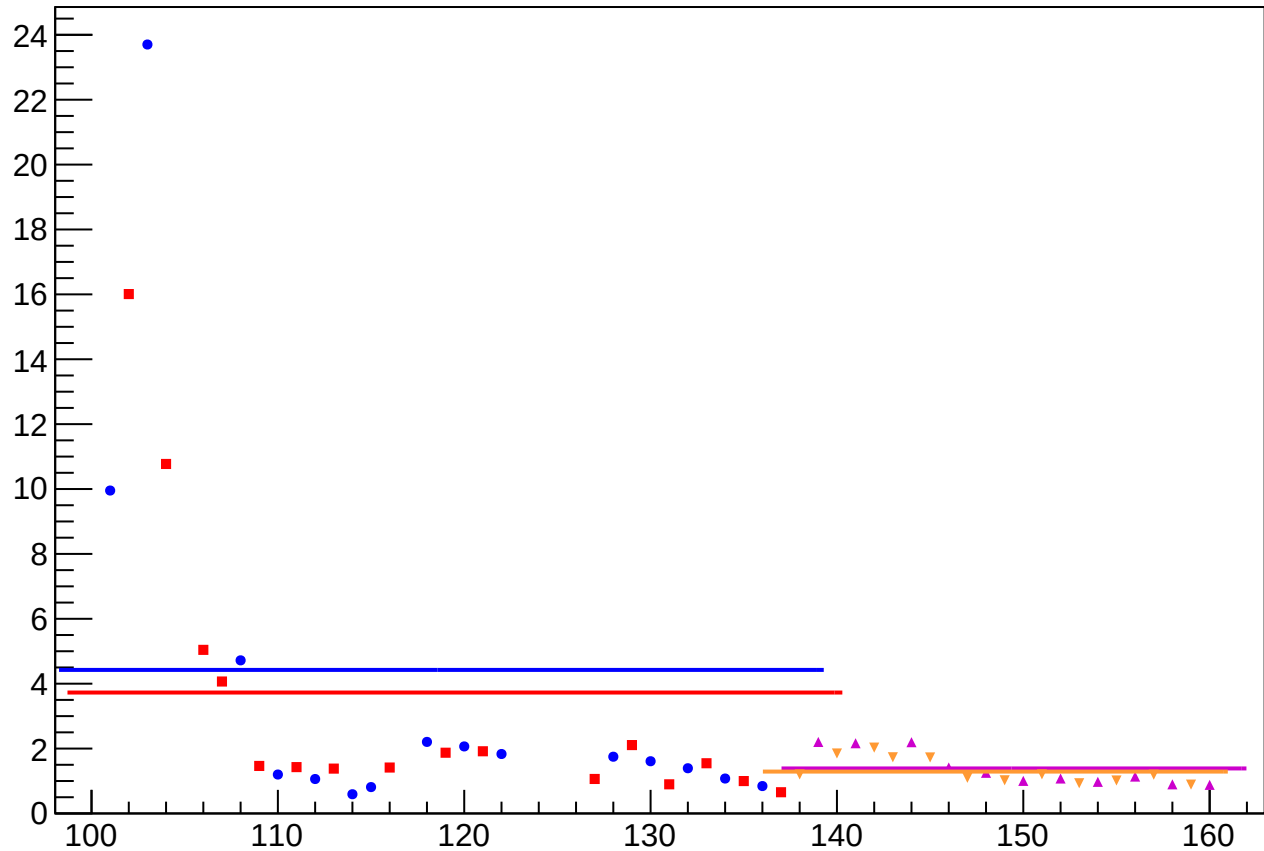
Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14

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

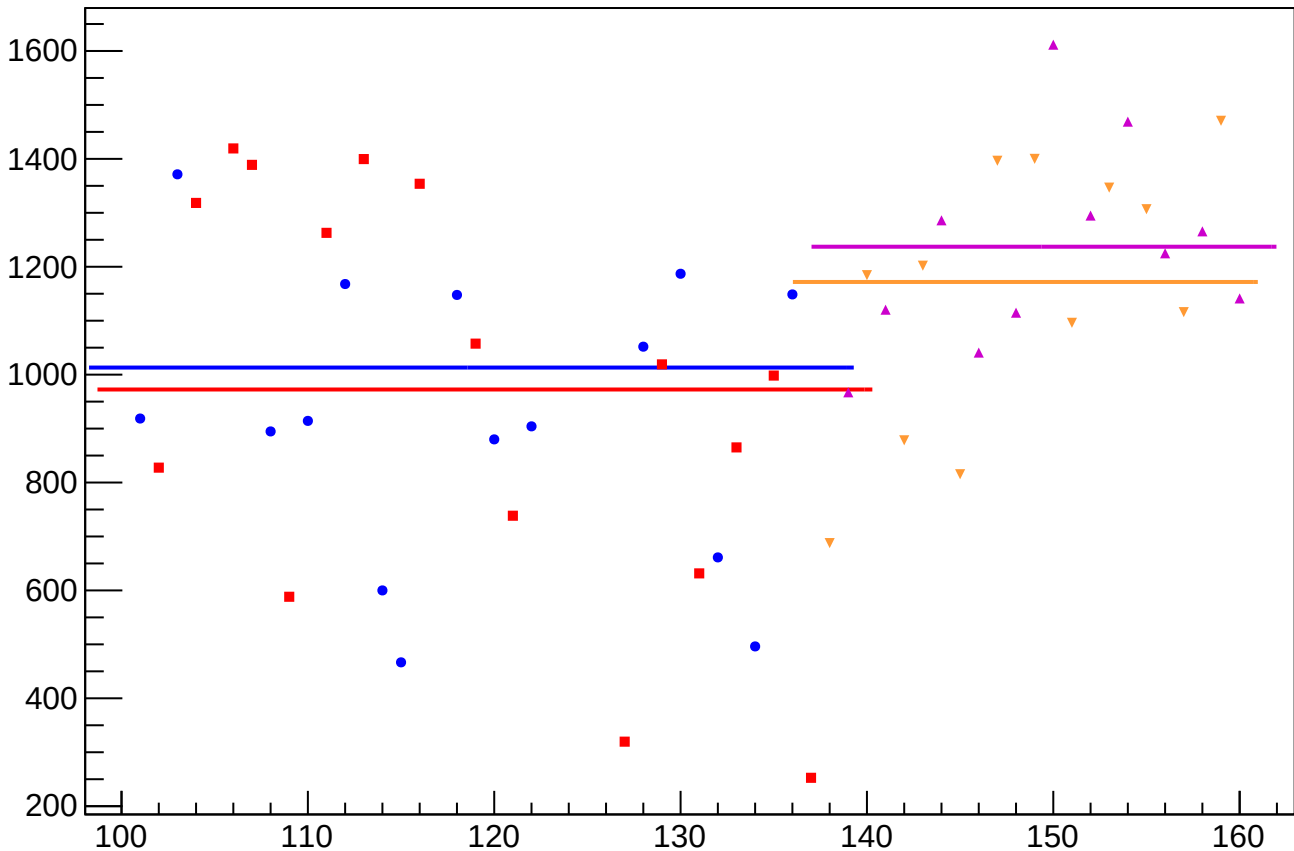
dit_4eX_coil6_err_mean vs Slug



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

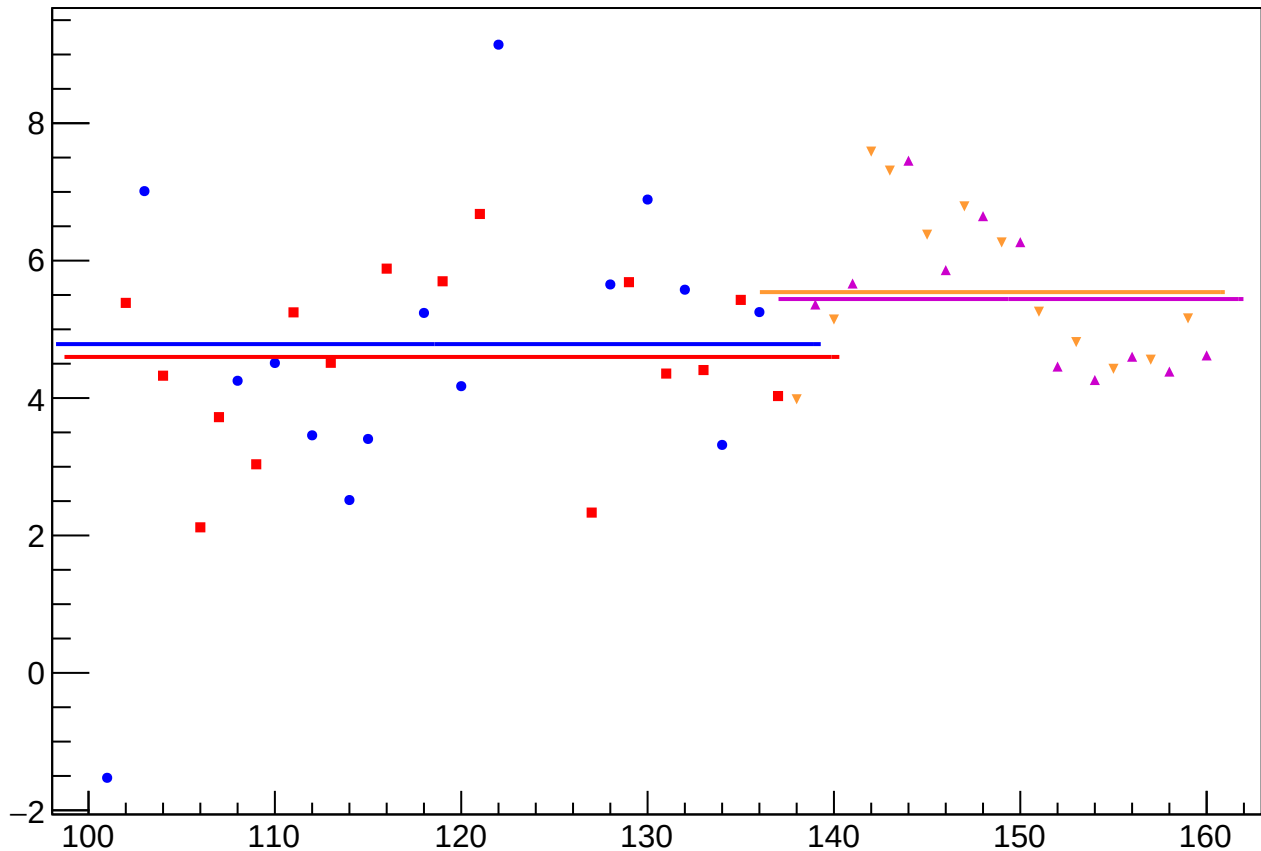
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

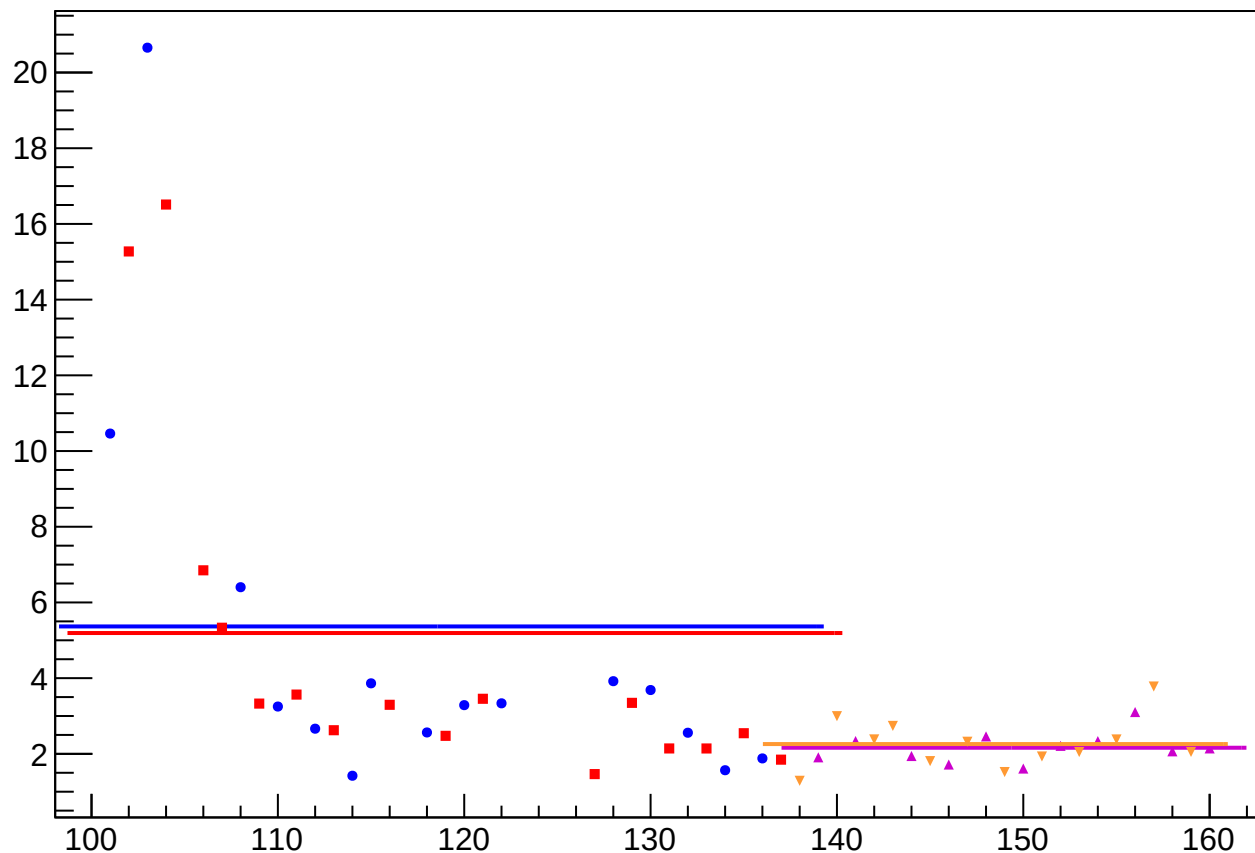
Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

+ 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

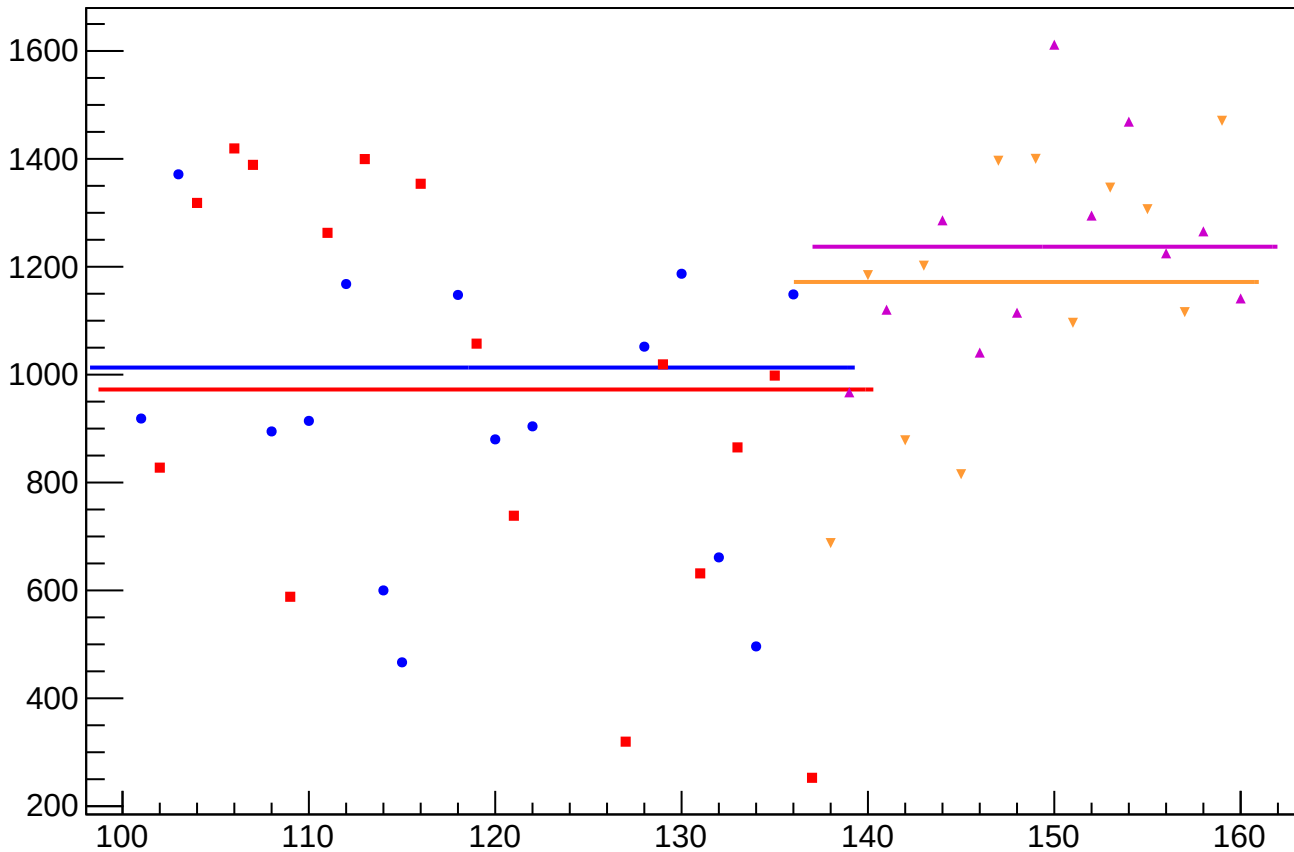
Left In: 2.162 $\pm$ 0.000 χ^2 /NDF: 138367938839103248546751049629696.0/10

+ 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

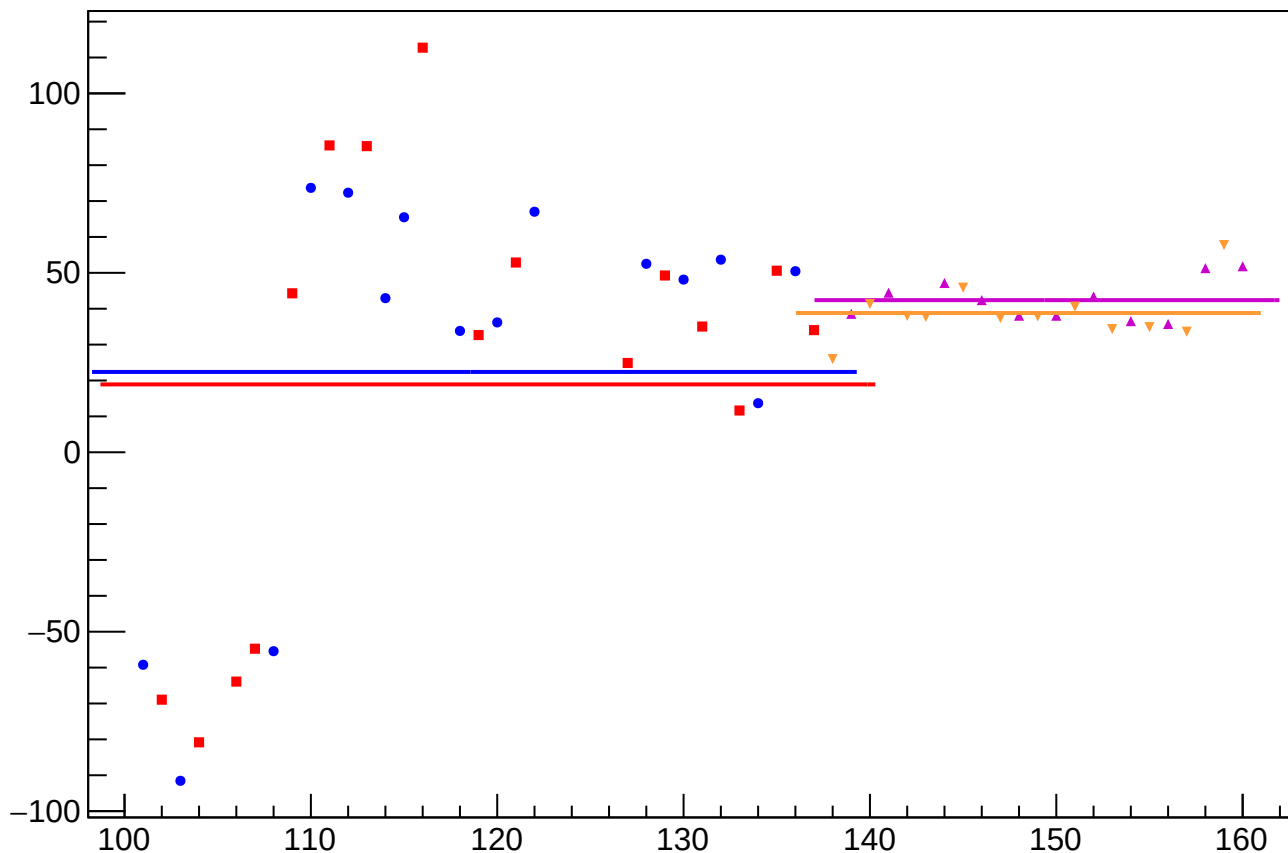
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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 $\pm$ 0.000 χ^2 /NDF: 1922260860023592637794094183323009024.0/14

Left Out: 38.806 $\pm$ 0.000 χ^2 /NDF: 51649905292188588204172531766132736.0/11

Right Out: 18.907 $\pm$ 0.000 χ^2 /NDF: 2182221808408156293593993992757837824.0/15

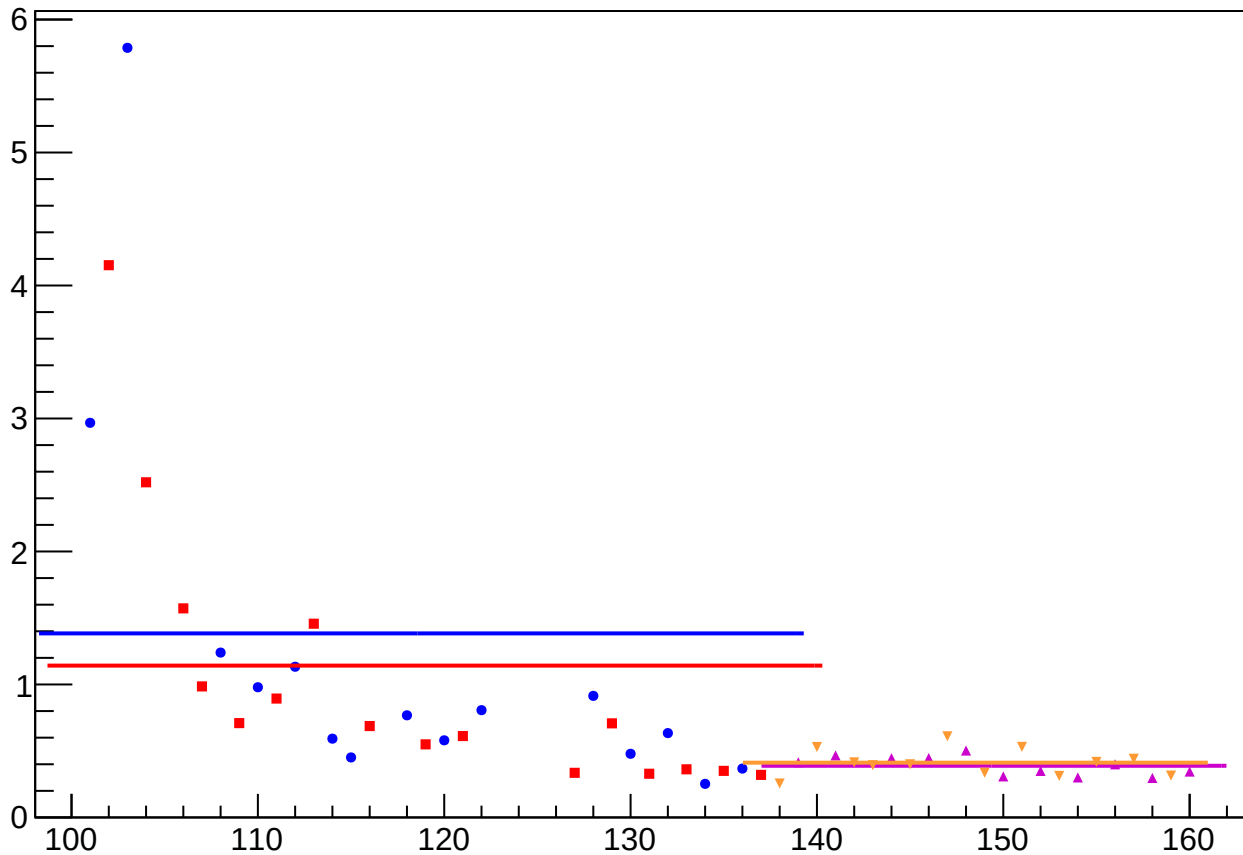
Left In: 42.386 $\pm$ 0.000 χ^2 /NDF: 26555660128562986553016927486214144.0/10

+ sign 31.987 $\pm$ 0.000 χ^2 /NDF: 2076251683338392

All: 32.268 $\pm$ 0.000 χ^2 /NDF: 4498818256205

- sign 32.543 $\pm$ 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

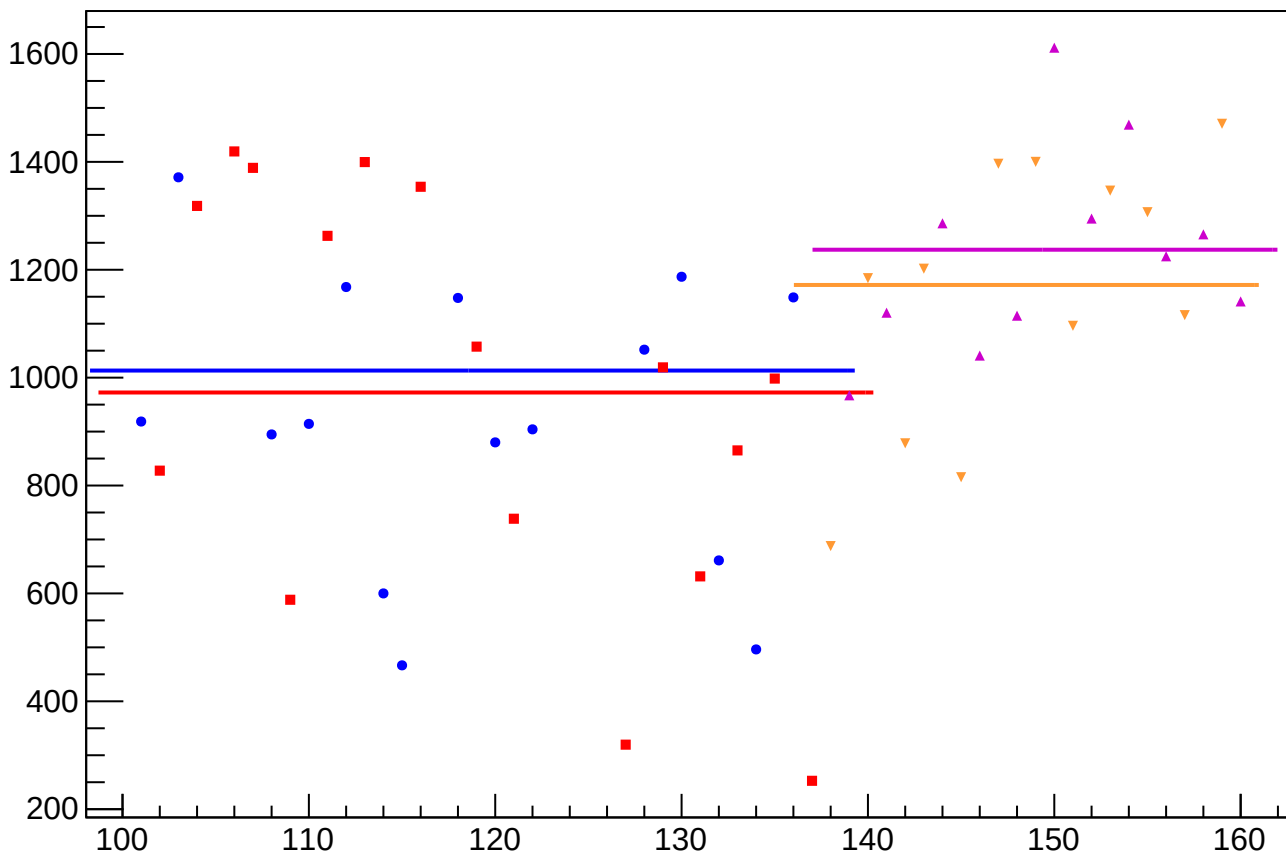
Left In: 0.389+/-0.000 χ^2/NDF : 4468112130112640641394154668032.0/10

+ 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

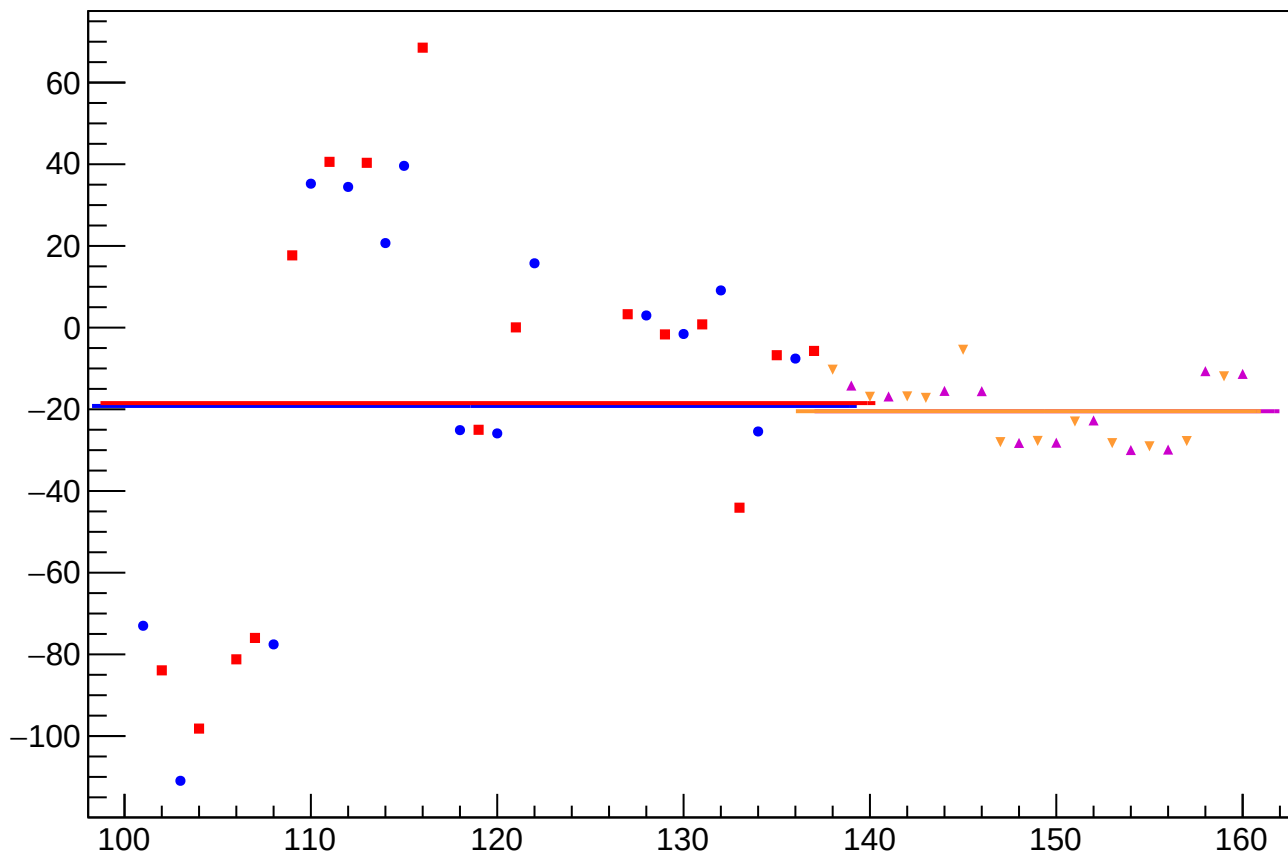
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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 $\chi^2/\text{NDF}: 1246364705689764961102868160463241216.0/14$

Left Out: -20.466 ± 0.000 $\chi^2/\text{NDF}: 58628381923673457294433589512896512.0/11$

Right Out: -18.479 ± 0.000 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

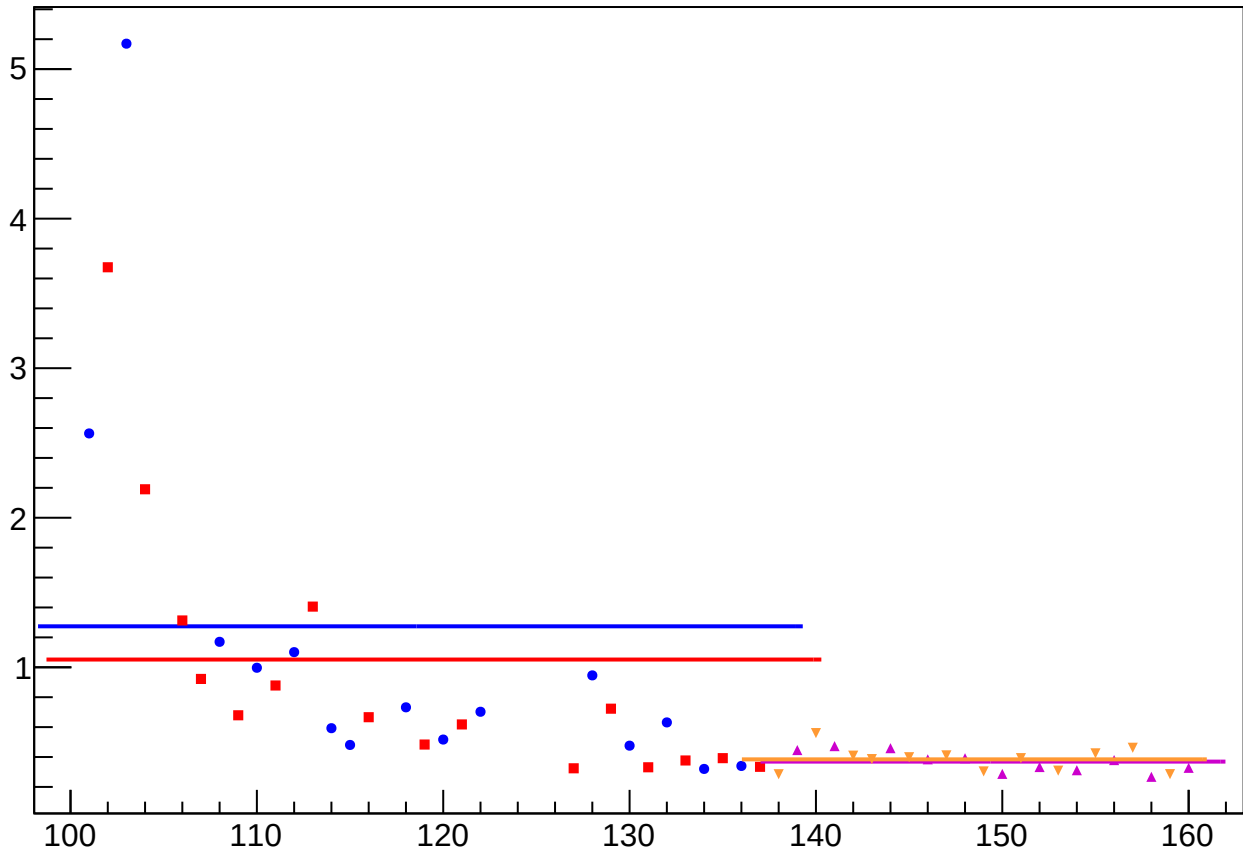
Left In: -20.473 ± 0.000 $\chi^2/\text{NDF}: 48484953363349820110348478937300992.0/10$

All: -19.782 ± 0.000 $\chi^2/\text{NDF}: 284511592850$

- sign -19.637 ± 0.000 $\chi^2/\text{NDF}: 1539423306551337$

+ sign -19.930 ± 0.000 $\chi^2/\text{NDF}: 130562508565939$

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

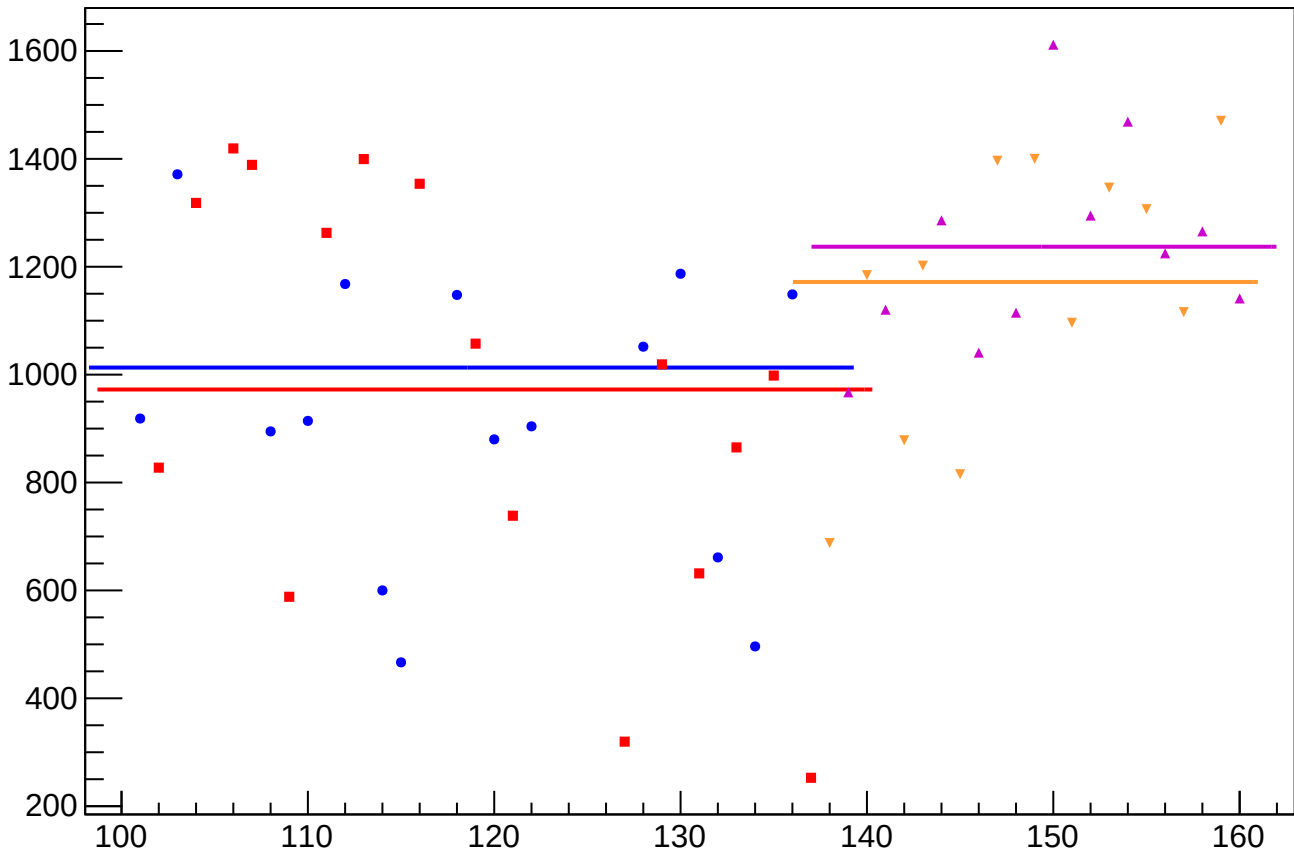
Left In: 0.369+/-0.000 χ^2/NDF : 4166350638848138676707816112128.0/10

+ sign 0.754+/-0.000 χ^2/NDF : 15182280868824468

All: 0.704+/-0.000 χ^2/NDF : 23177863612263

- sign 0.655+/-0.000 χ^2/NDF : 79193916268828881

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

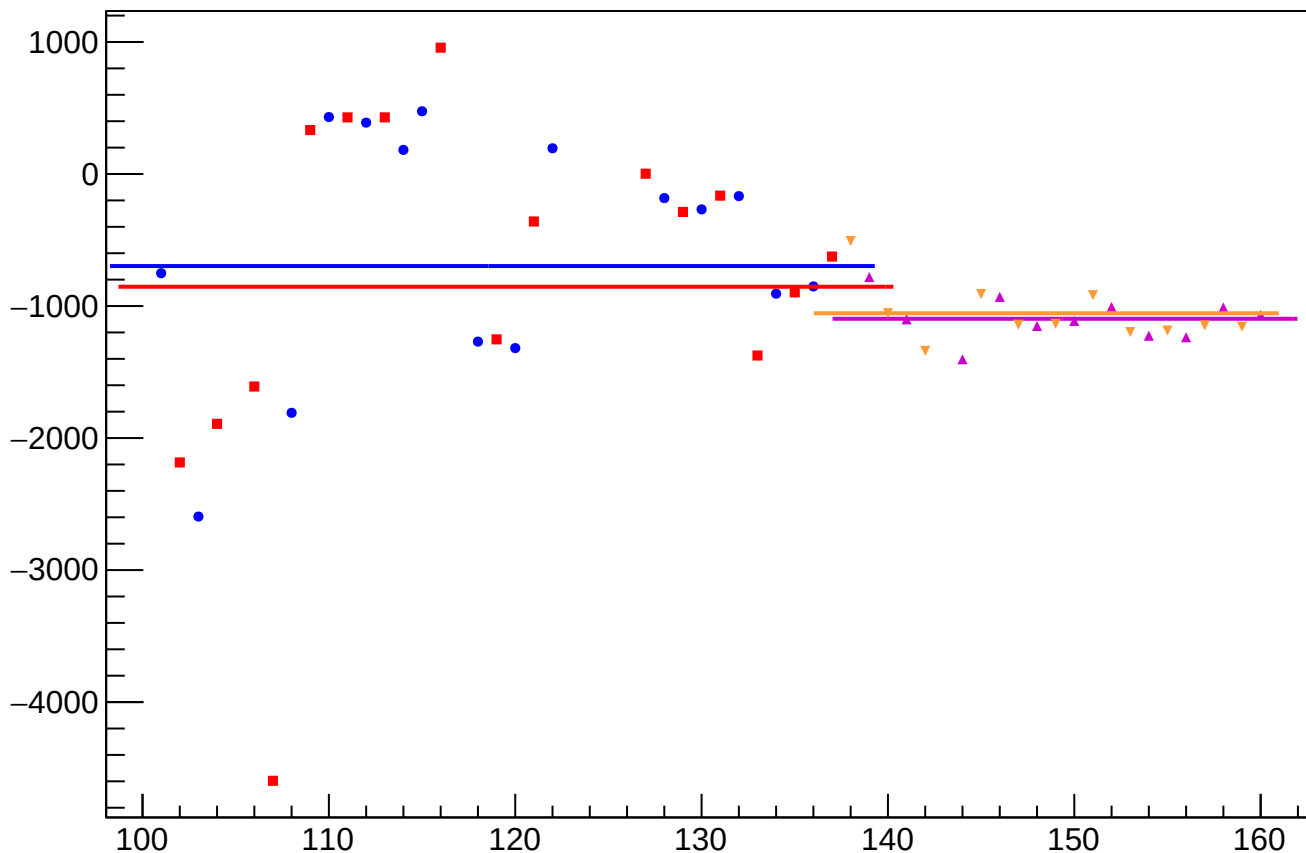
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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



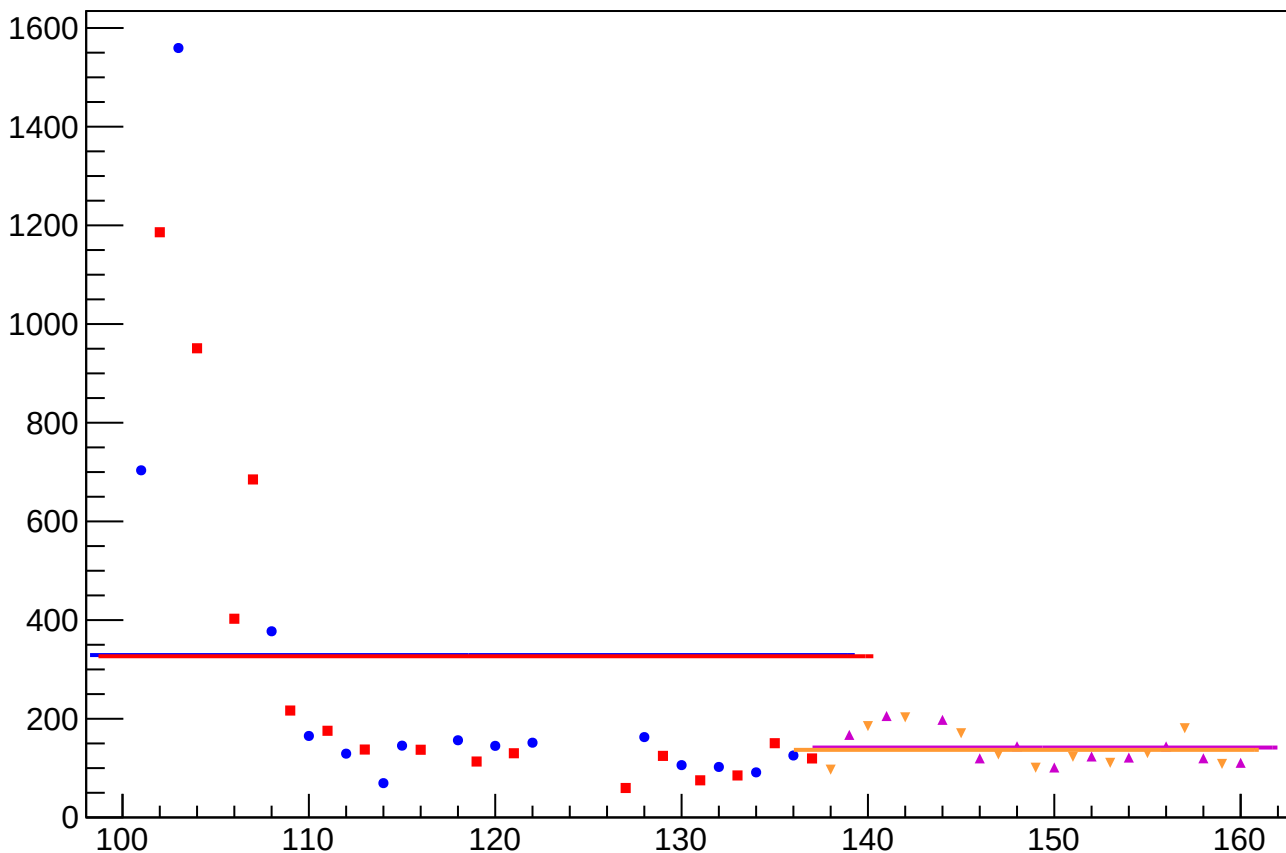
Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14

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

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 137.012+/-0.000 χ^2/NDF : 1014362817438194132709655172622581760.0/10

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

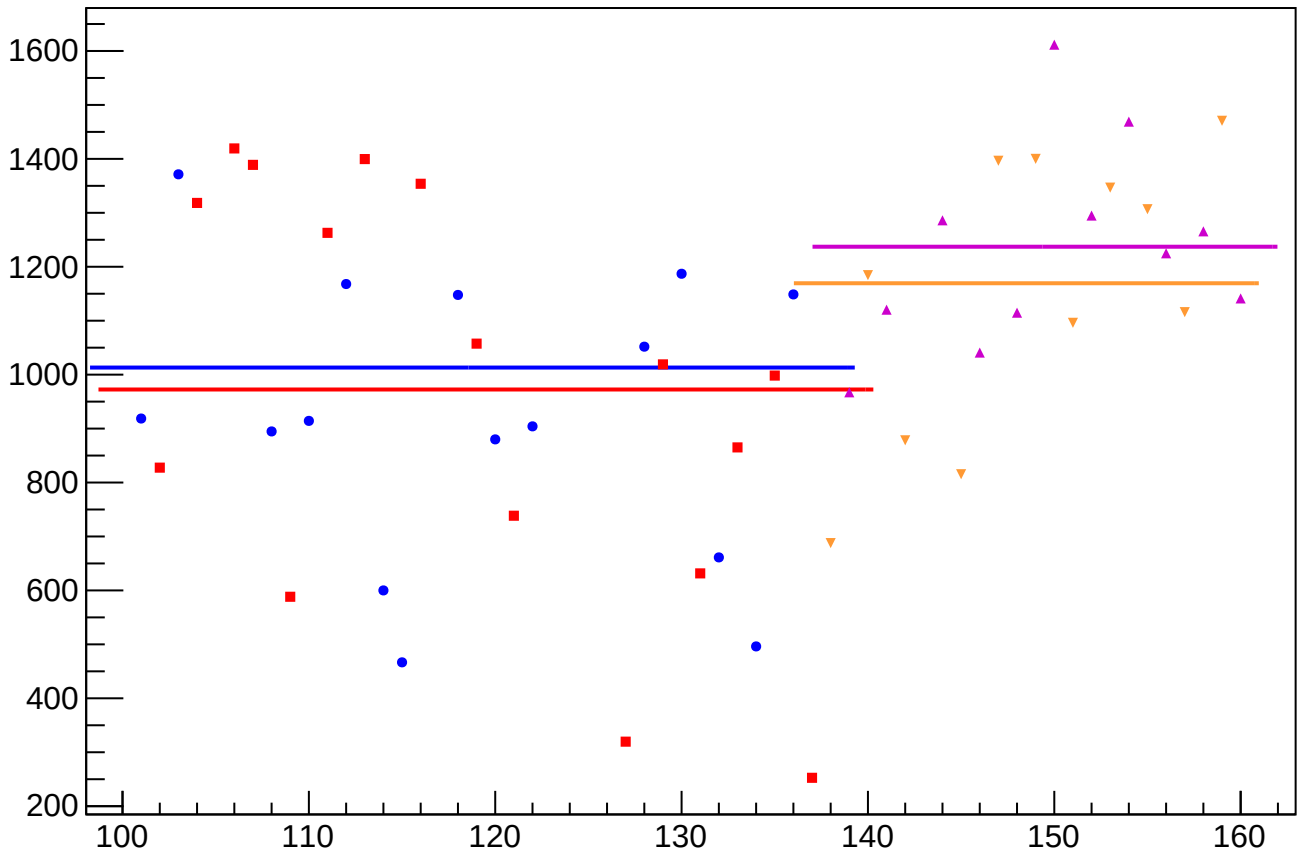
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 220.348+/-0.000 χ^2/NDF : 131437286987264

All: 219.782+/-0.000 χ^2/NDF : 233310972456

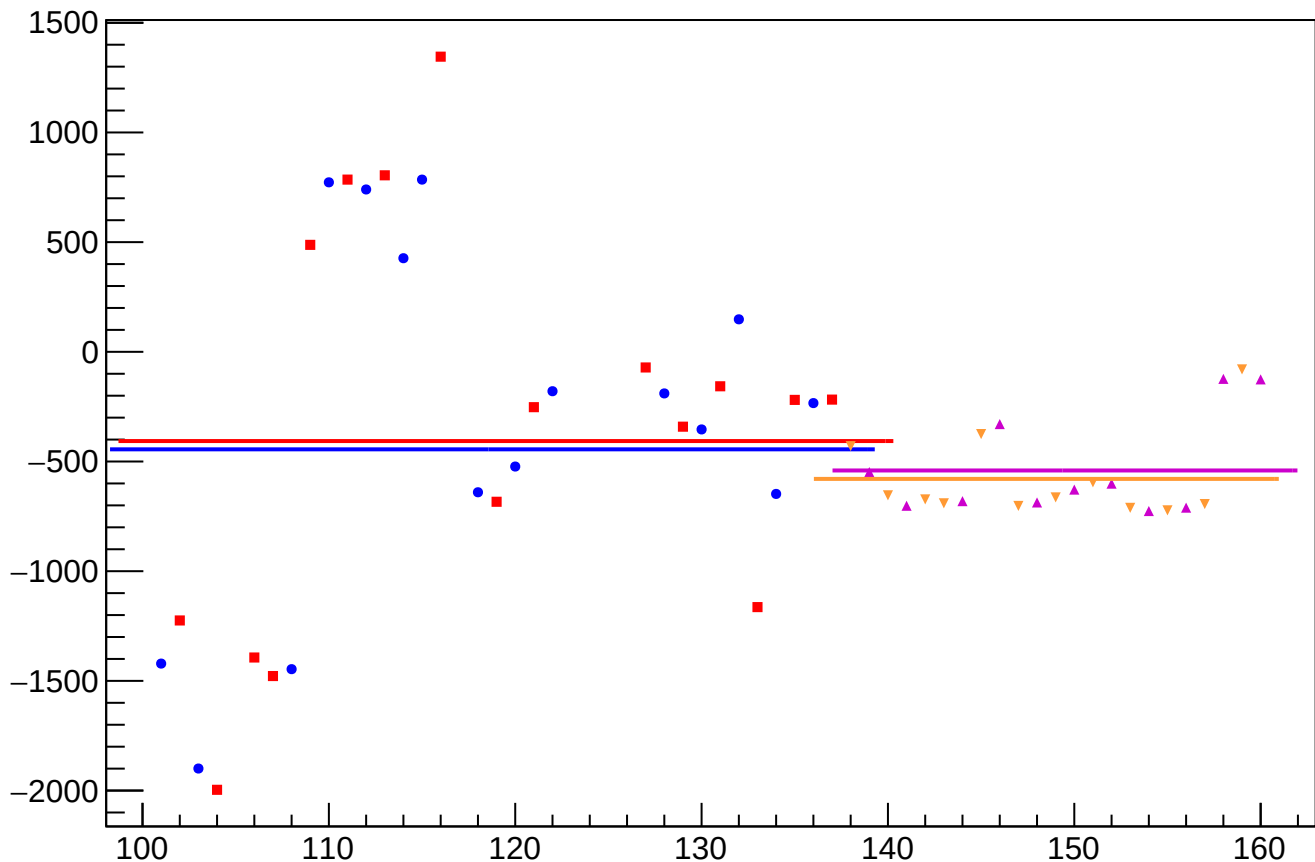
- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

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
 All: 1114.283+/-0.000 χ^2/NDF : 22986564555
 + sign 1101.625+/-0.000 χ^2/NDF : 93053988598295
 - sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

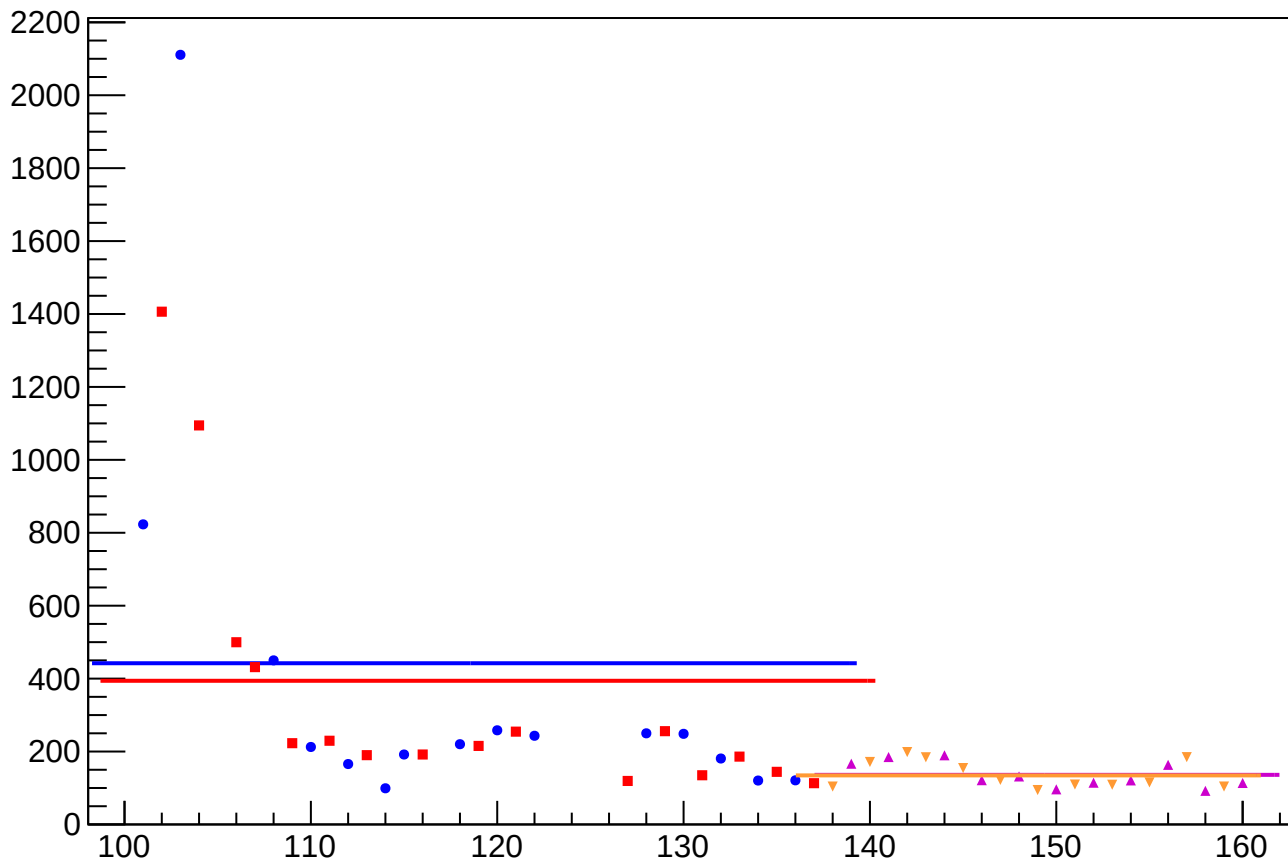
dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000	χ^2/NDF : 396481903501593703066535851229953654784.0/14
Left Out: -579.272+/-0.000	χ^2/NDF : 32584581524528860941595597407042666496.0/11
Right Out: -406.729+/-0.000	χ^2/NDF : 529122421866774810012941782239129108480.0/15
Left In: -540.842+/-0.000	χ^2/NDF : 42670193317497817911030367466366697472.0/10

+ sign -523.316+/-0.000 χ^2/NDF : 43595864947593
 All: -503.795+/-0.000 χ^2/NDF : 10158993354
 - sign -484.617+/-0.000 χ^2/NDF : 578759927131057

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

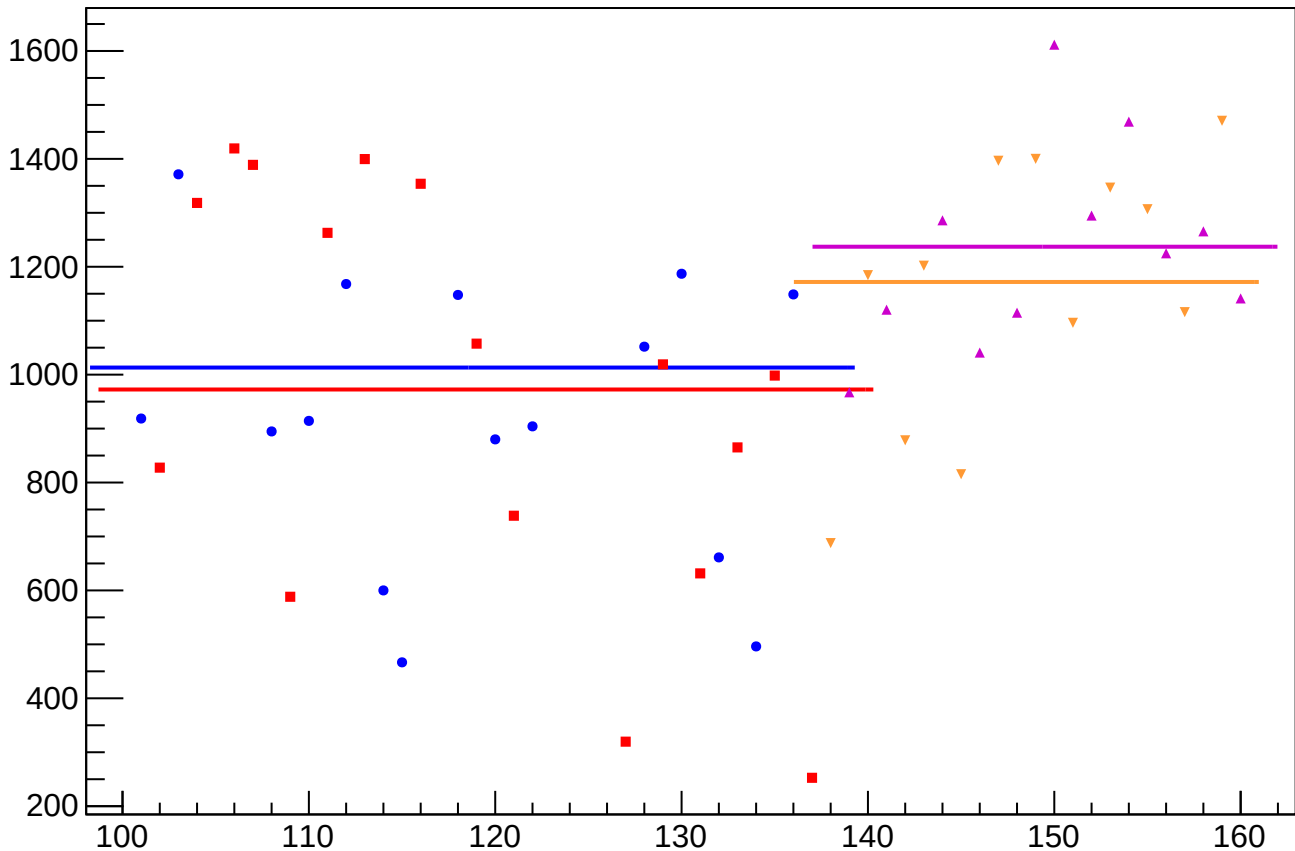
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286+/-0.000 χ^2/NDF : 241048188566854

All: 253.162+/-0.000 χ^2/NDF : 37398353308

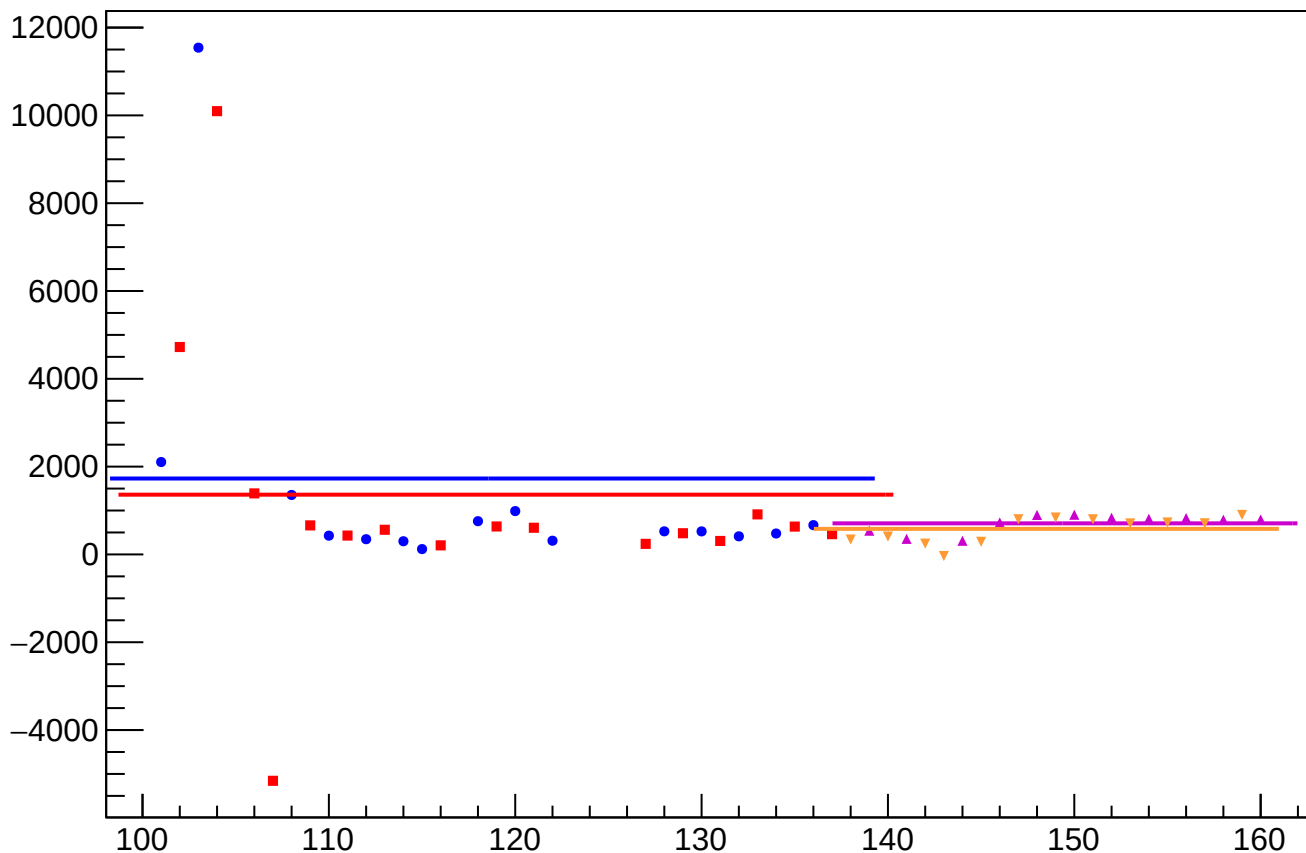
- sign 244.199+/-0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



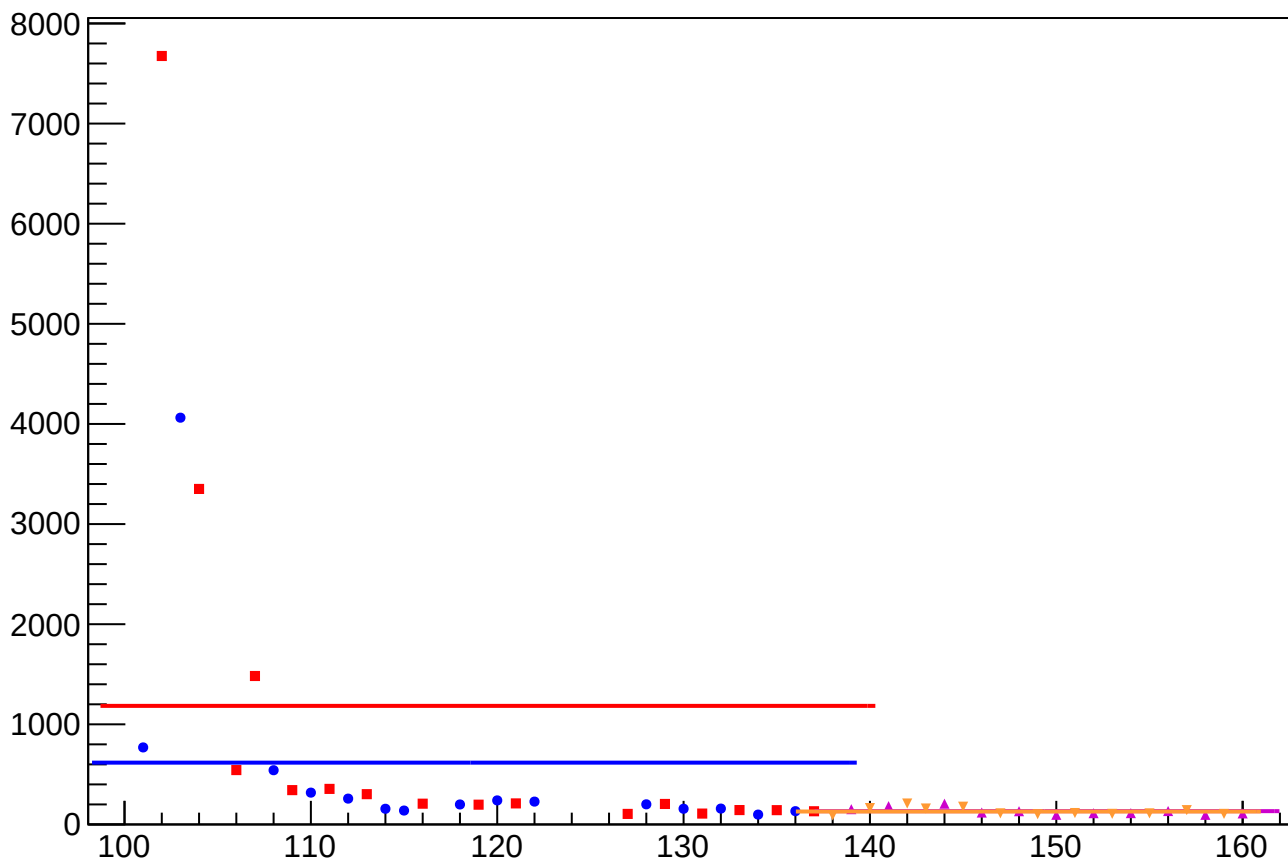
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- 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

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

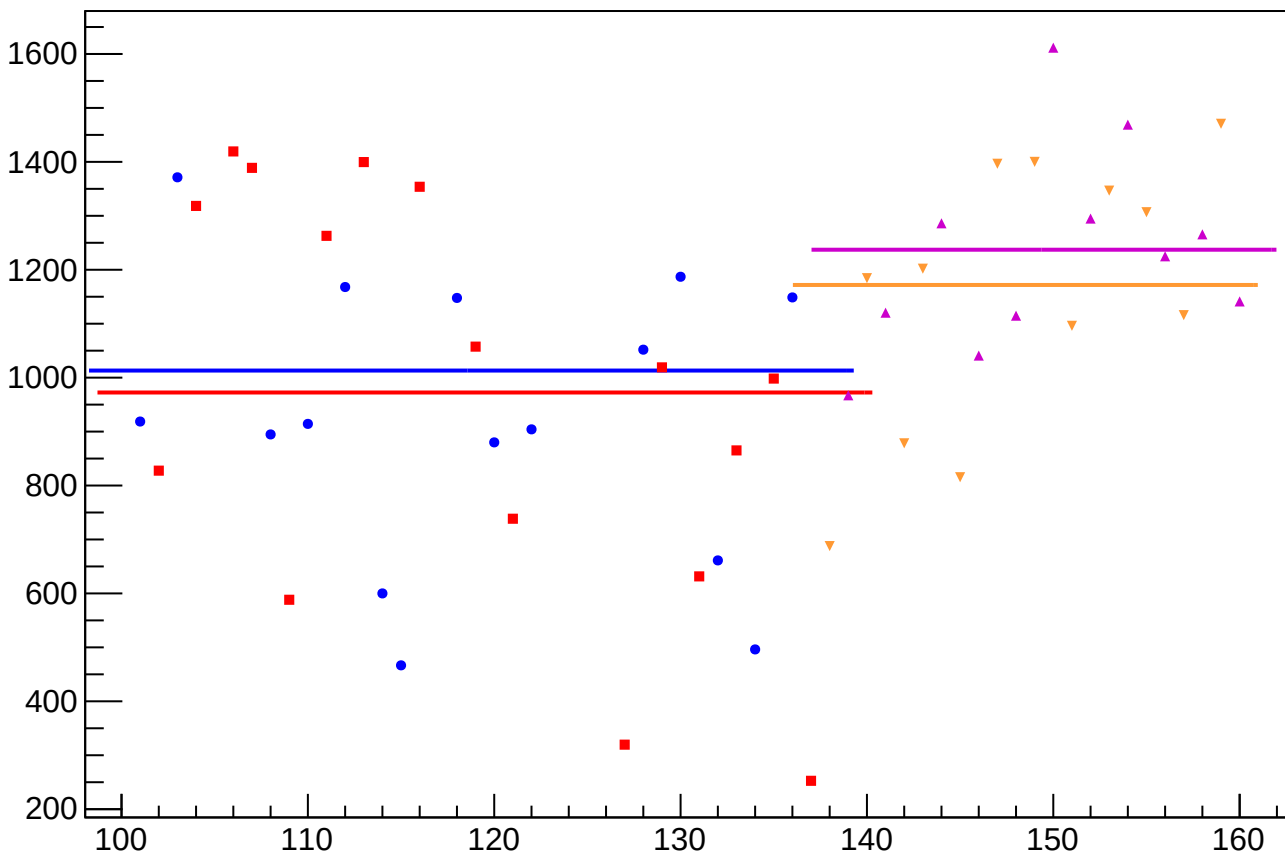
Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

+ 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

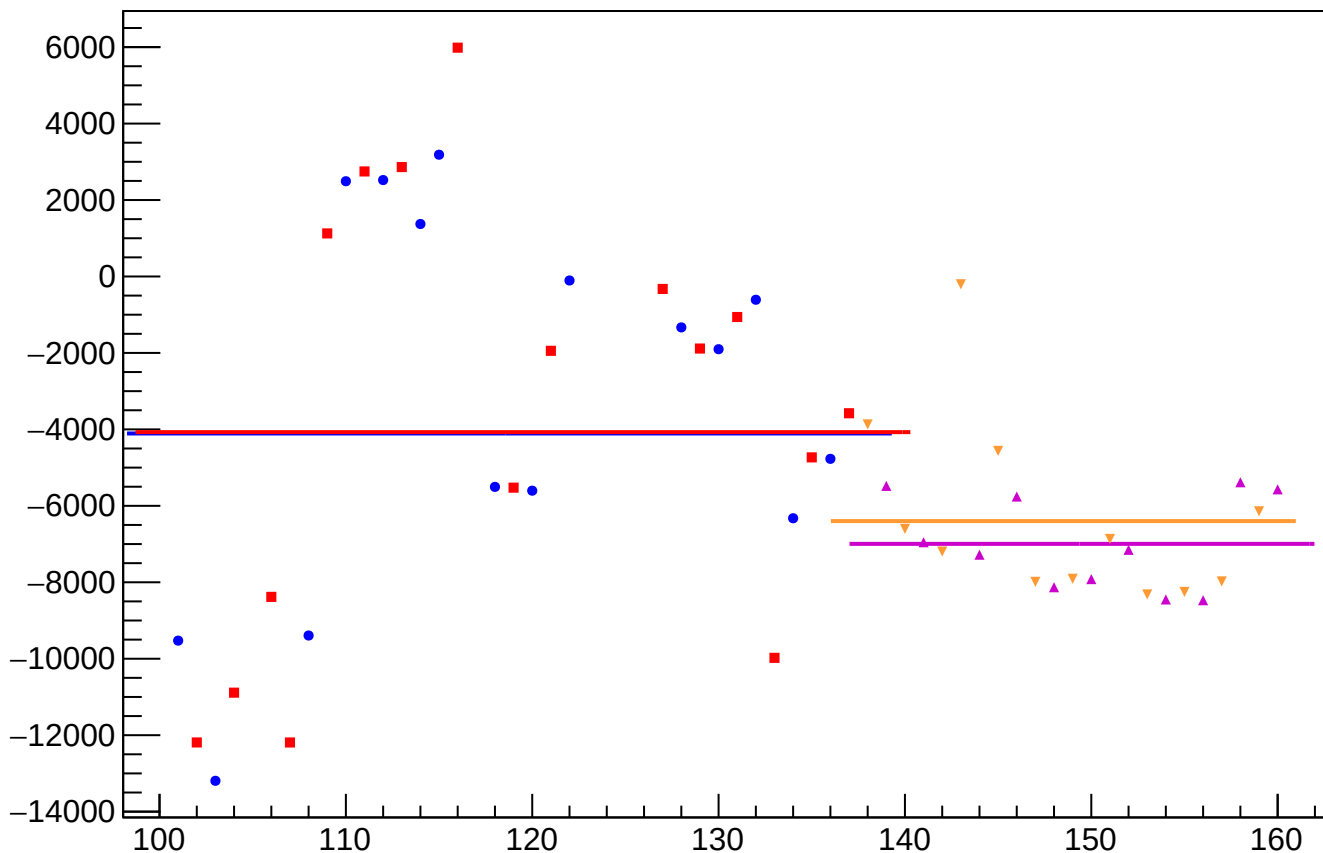
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

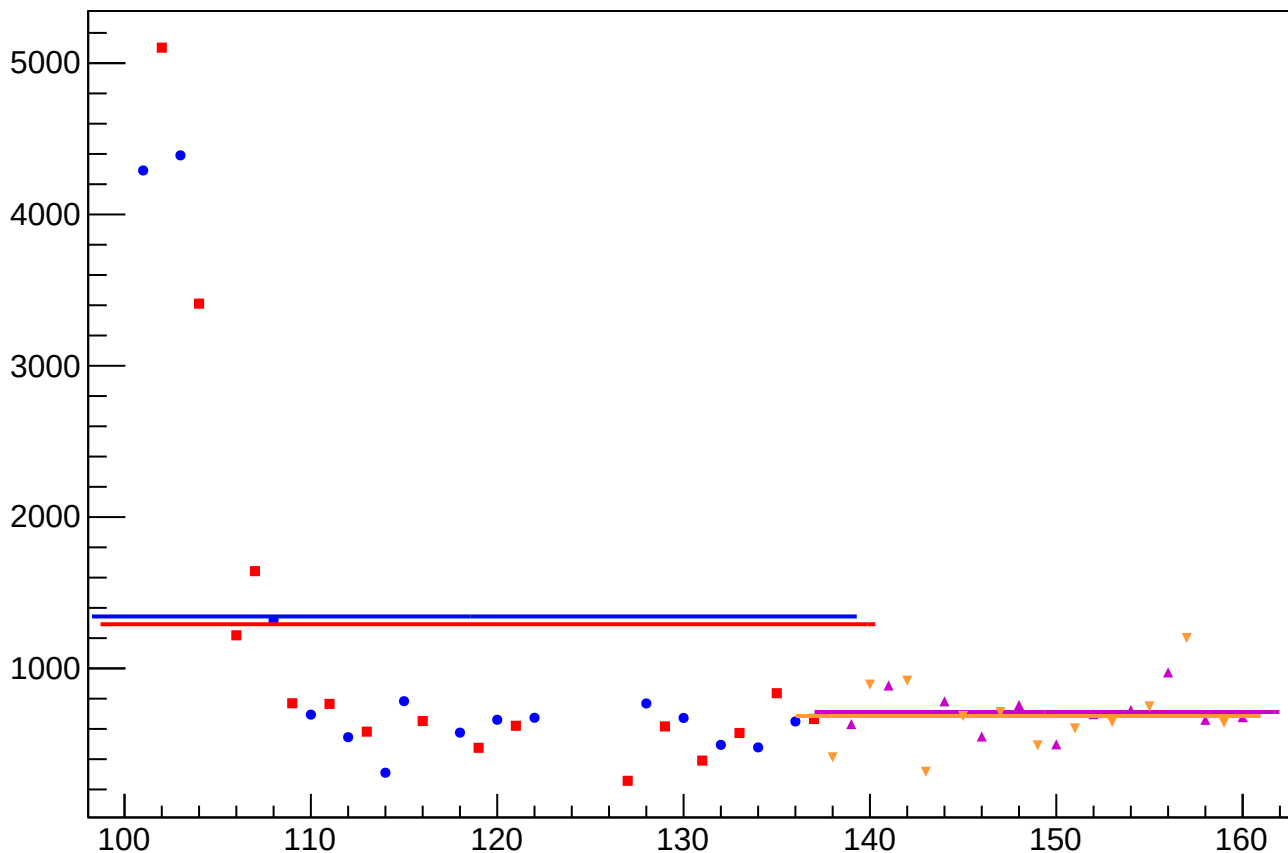
dit_atl2_coil6_mean vs Slug



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

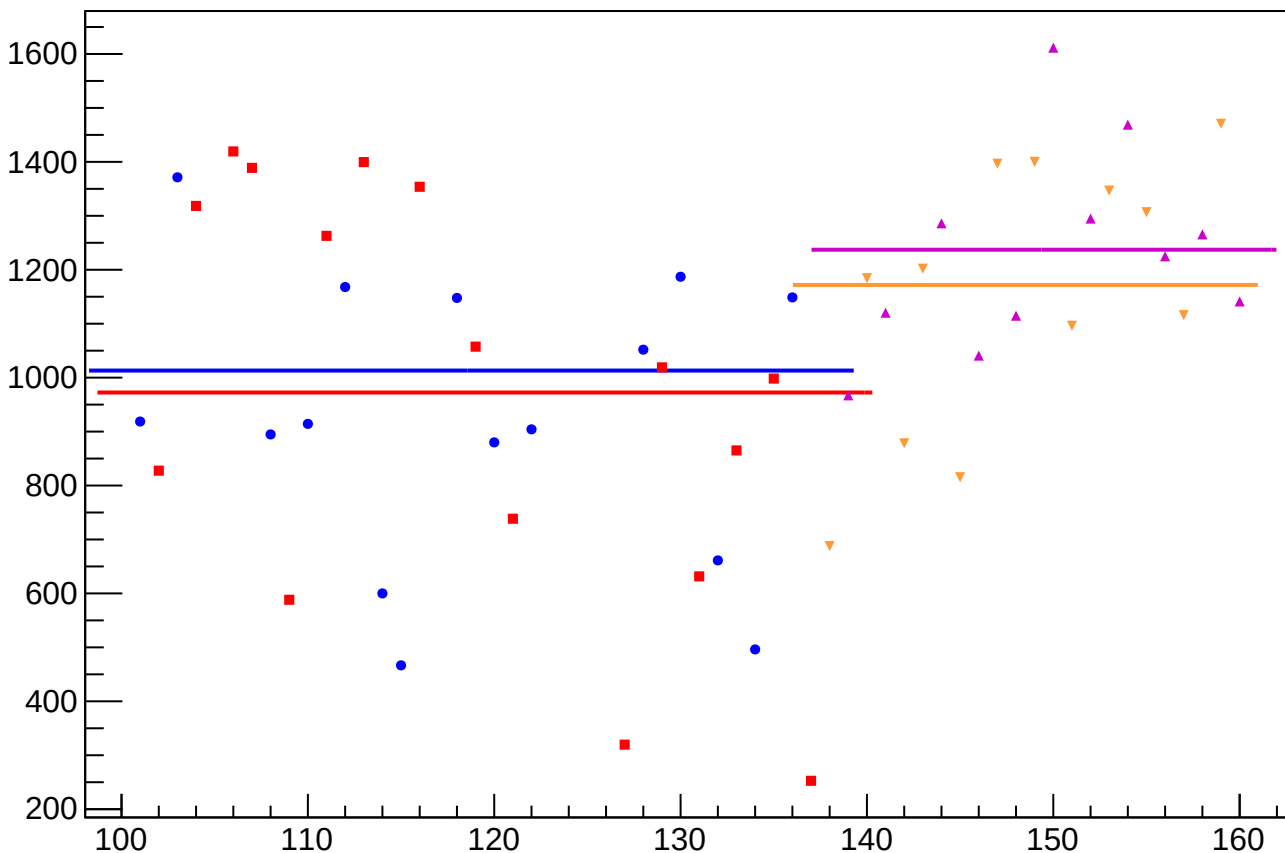
+ sign -5447.429+/-0.000 χ^2/NDF : 2108050211497
 All: -5609.905+/-0.000 χ^2/NDF : 4607018672
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

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

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

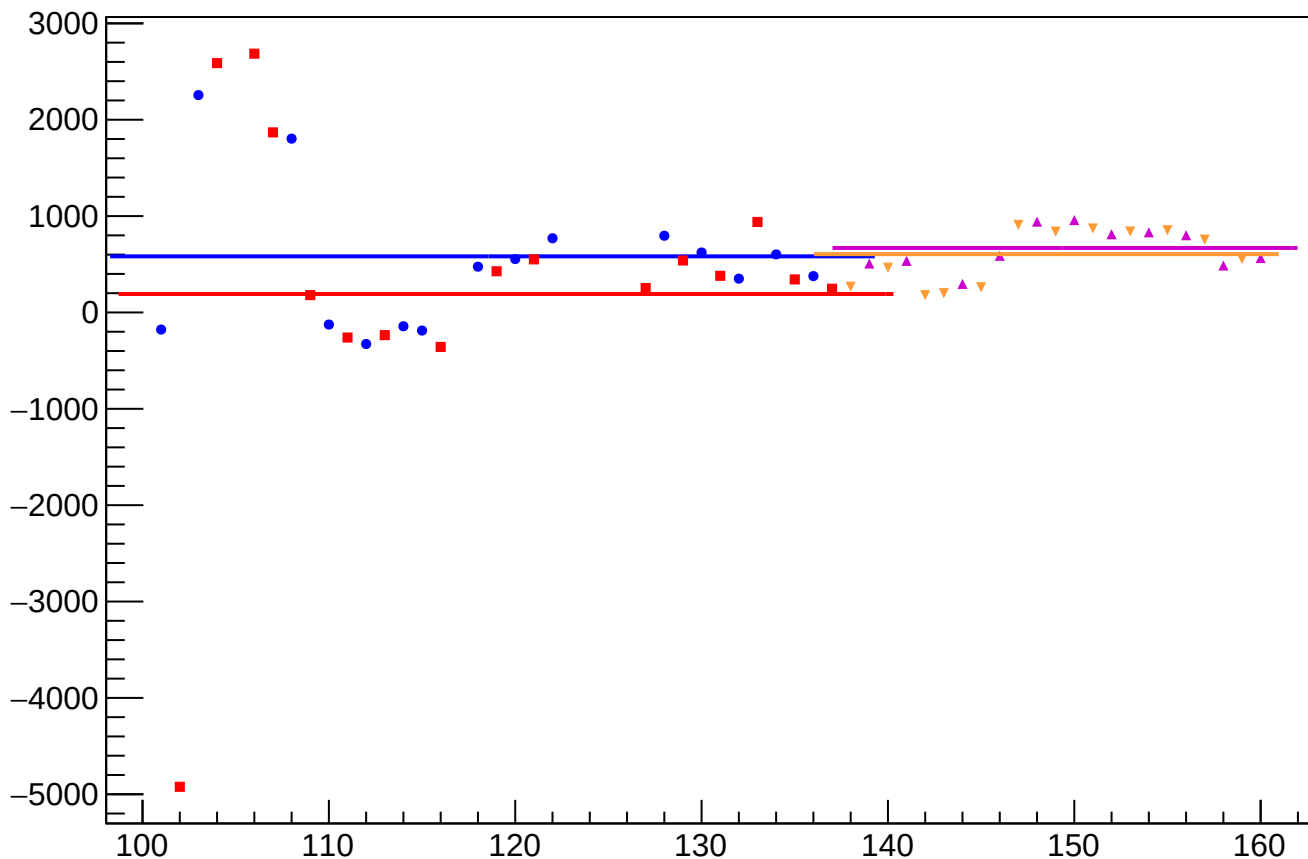
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

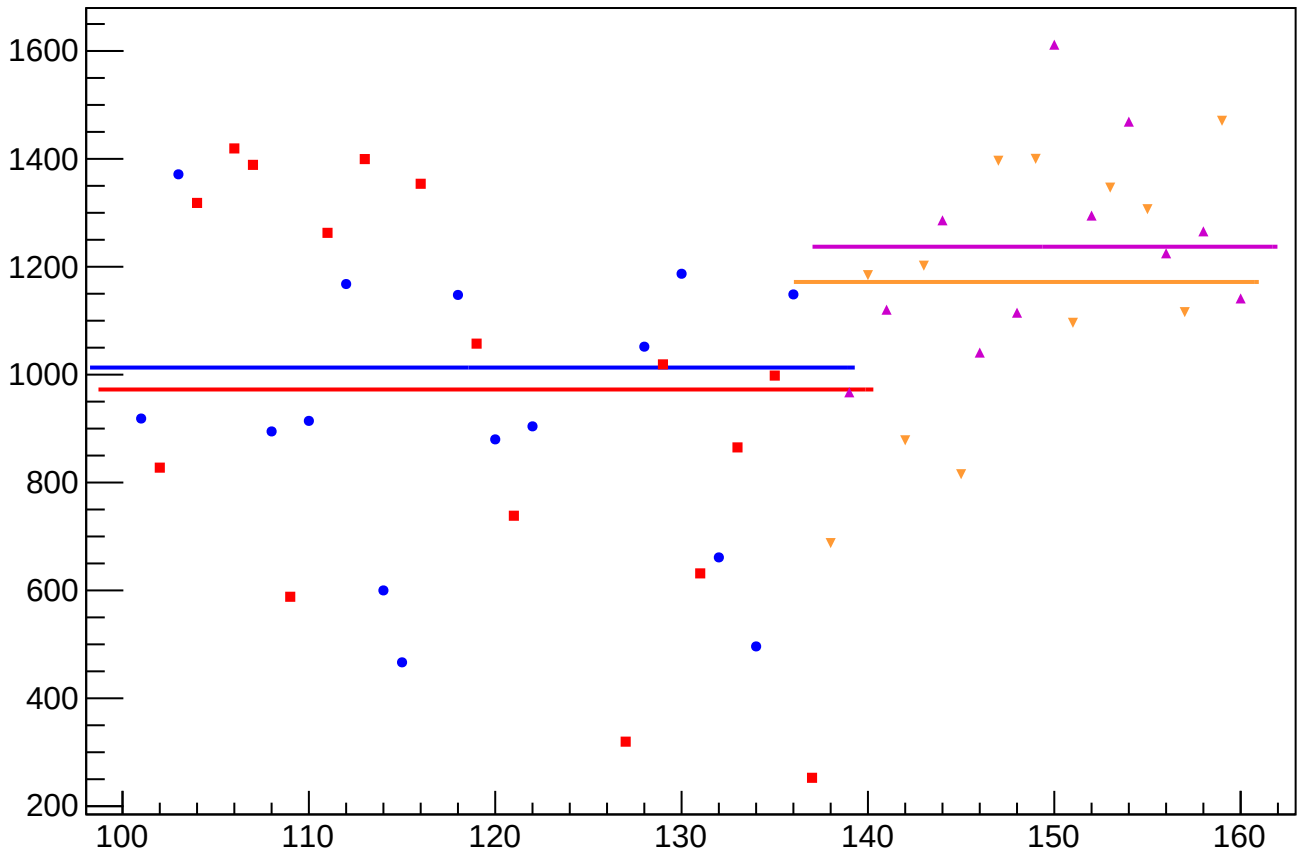
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

All: 375.901+/-0.000 χ^2/NDF : 32587788805

+ sign 308.422+/-0.000 χ^2/NDF : 475799684039922

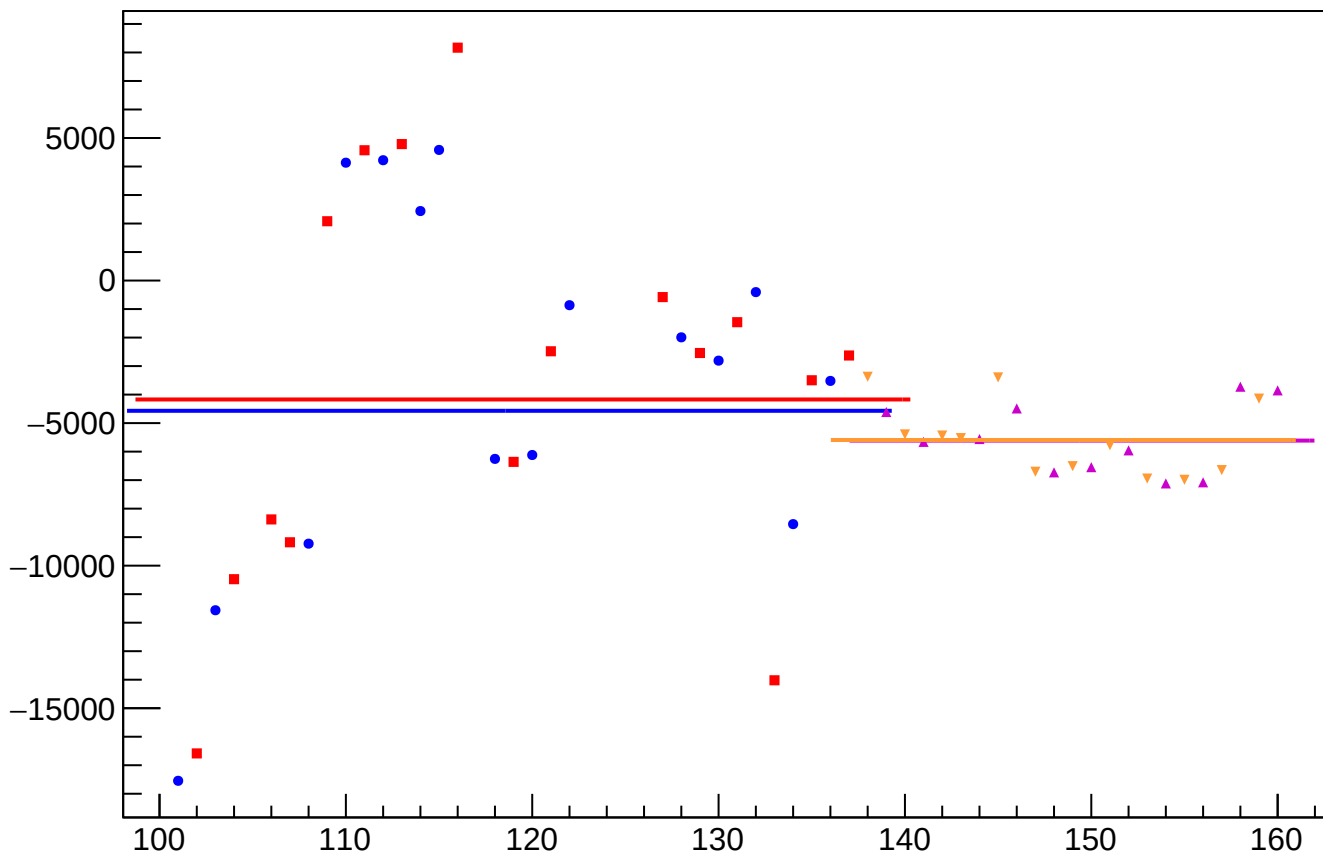
- sign 442.194+/-0.000 χ^2/NDF : 276887014570090

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		

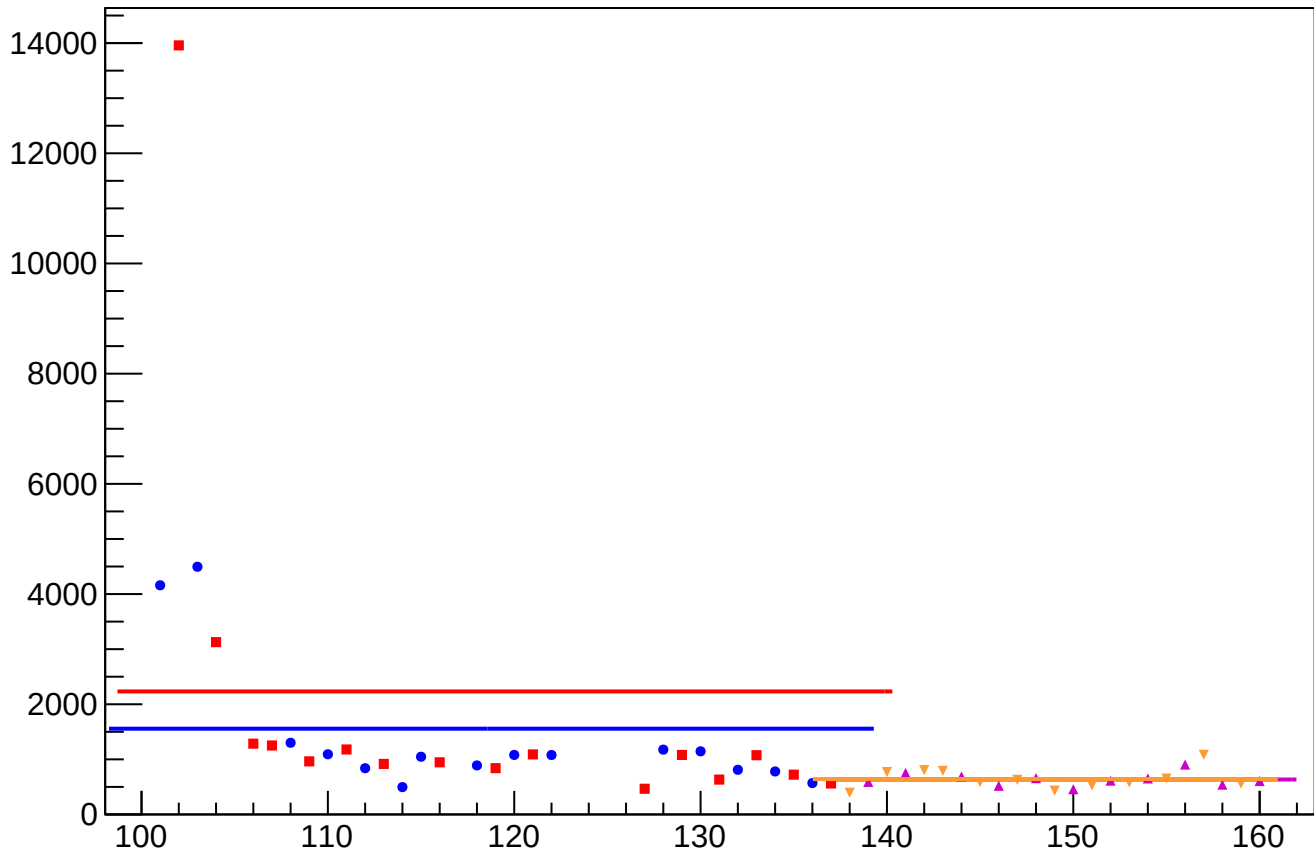
dit_atr2_coil6_mean vs Slug



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

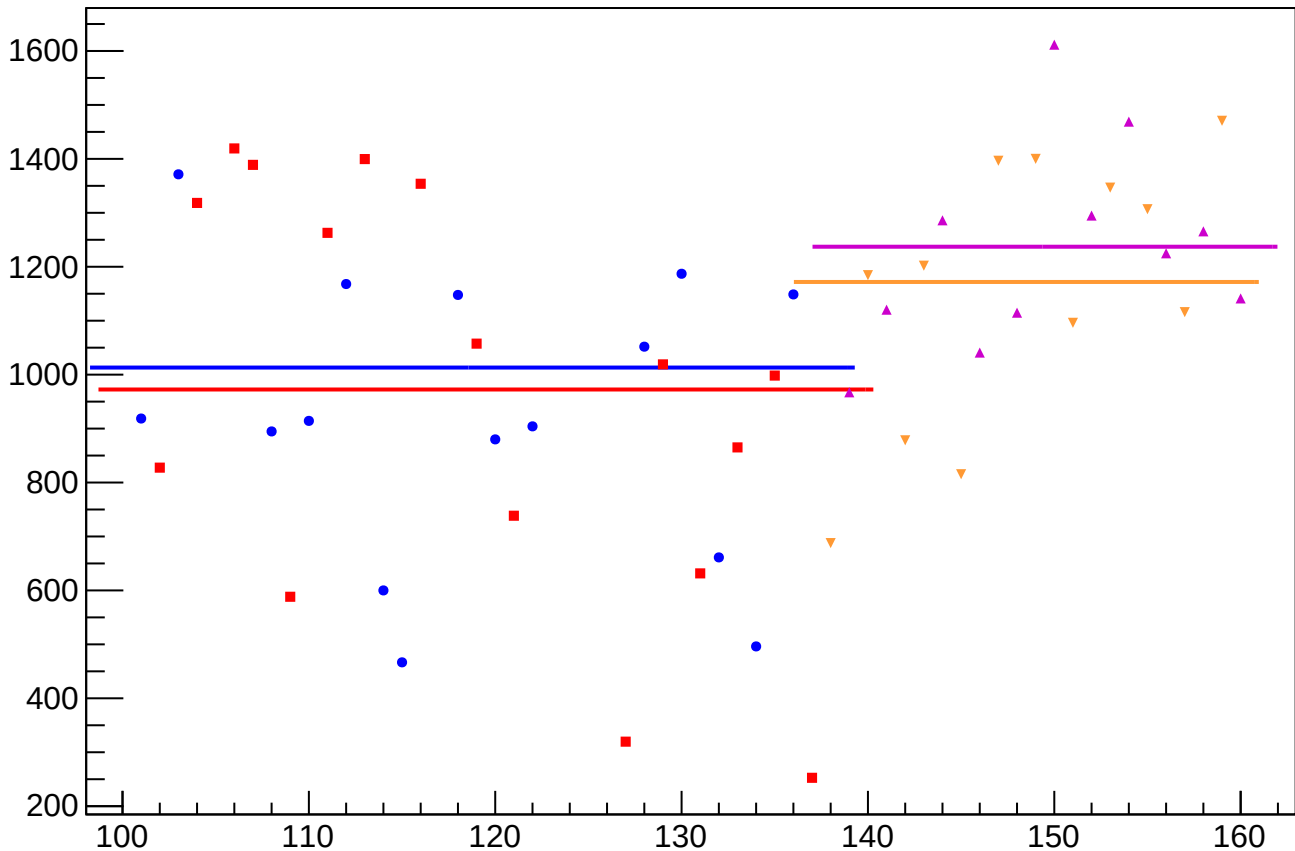
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

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

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

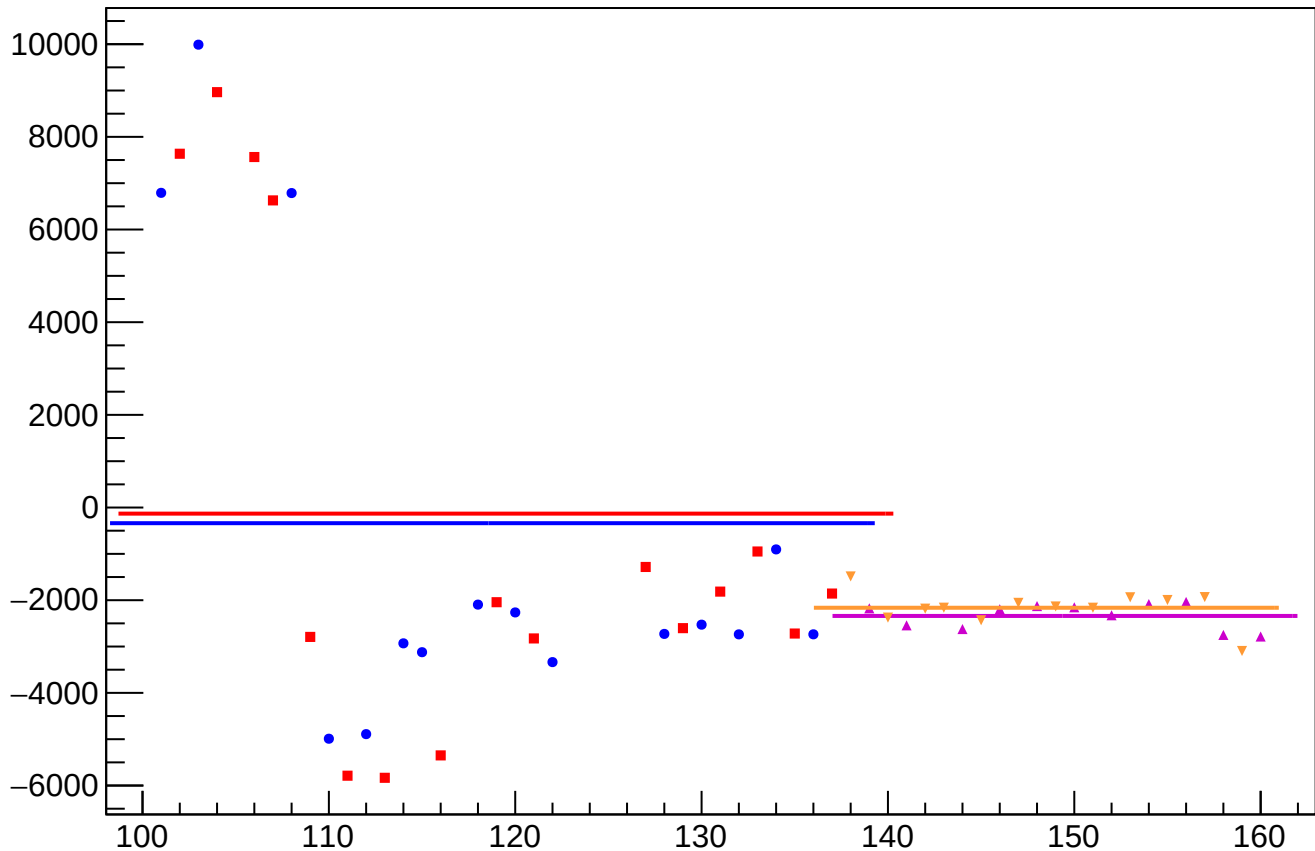
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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_sam1_coil6_mean vs Slug



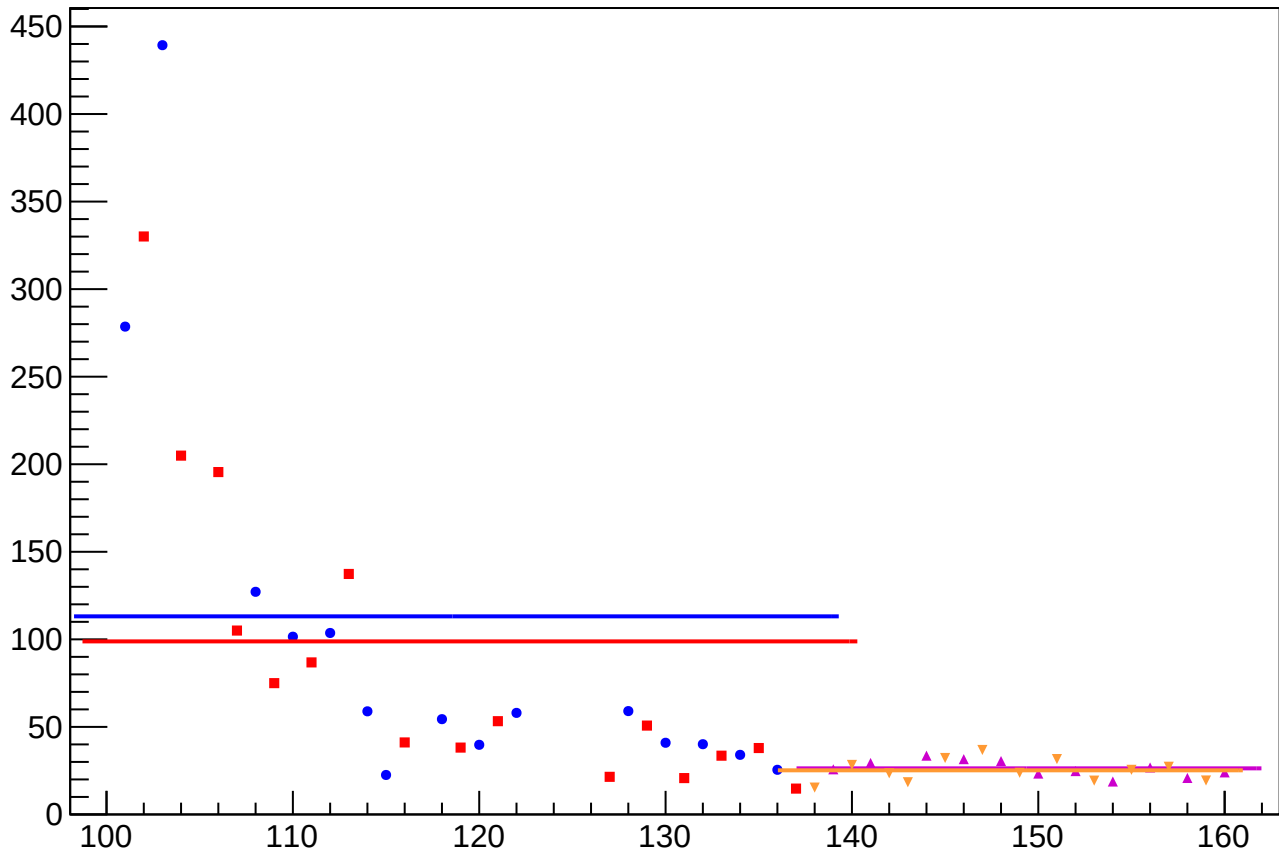
Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$

Left Out: -2162.857 ± 0.000 $\chi^2/\text{NDF}: 126332275232930257638482620391759020032.0/11$

Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$

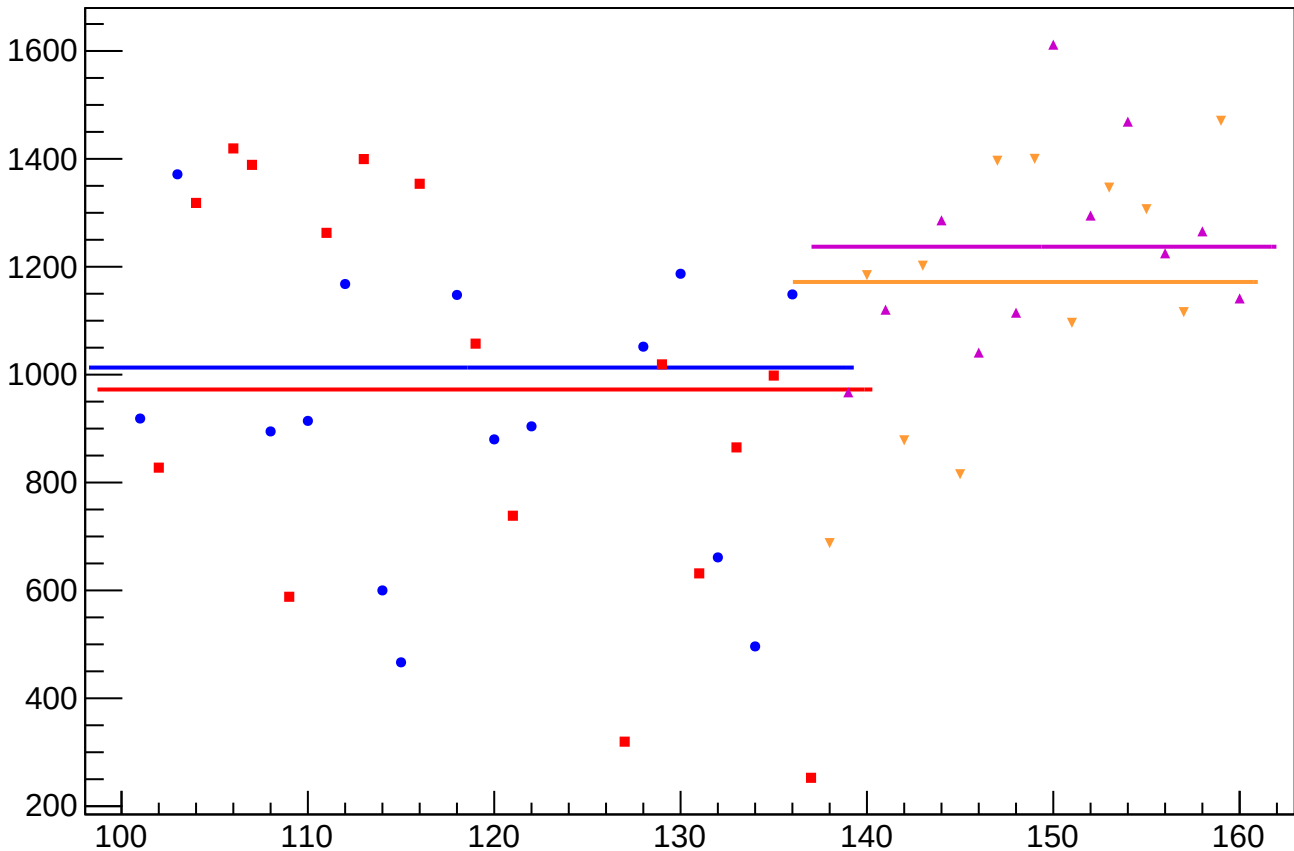
Left In: -2339.639 ± 0.000 $\chi^2/\text{NDF}: 62860144247456957543810906284181422080.0/10$

dit_sam1_coil6_err_mean vs Slug



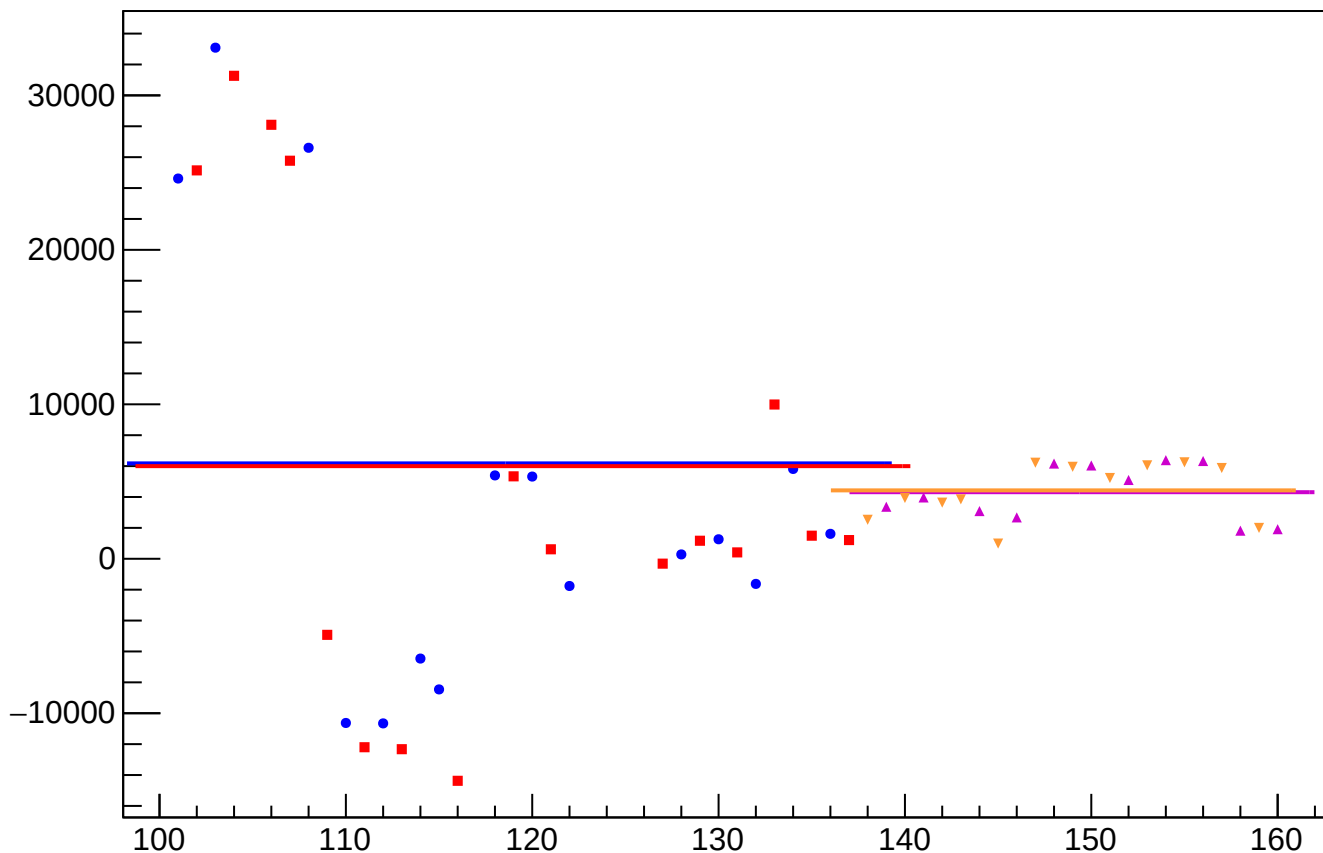
Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.204+/-0.000 χ^2/NDF : 35340998729966912863138320392126464.0/11
 Right Out: 98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: 26.331+/-0.000 χ^2/NDF : 18142873408814573481950758043648000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



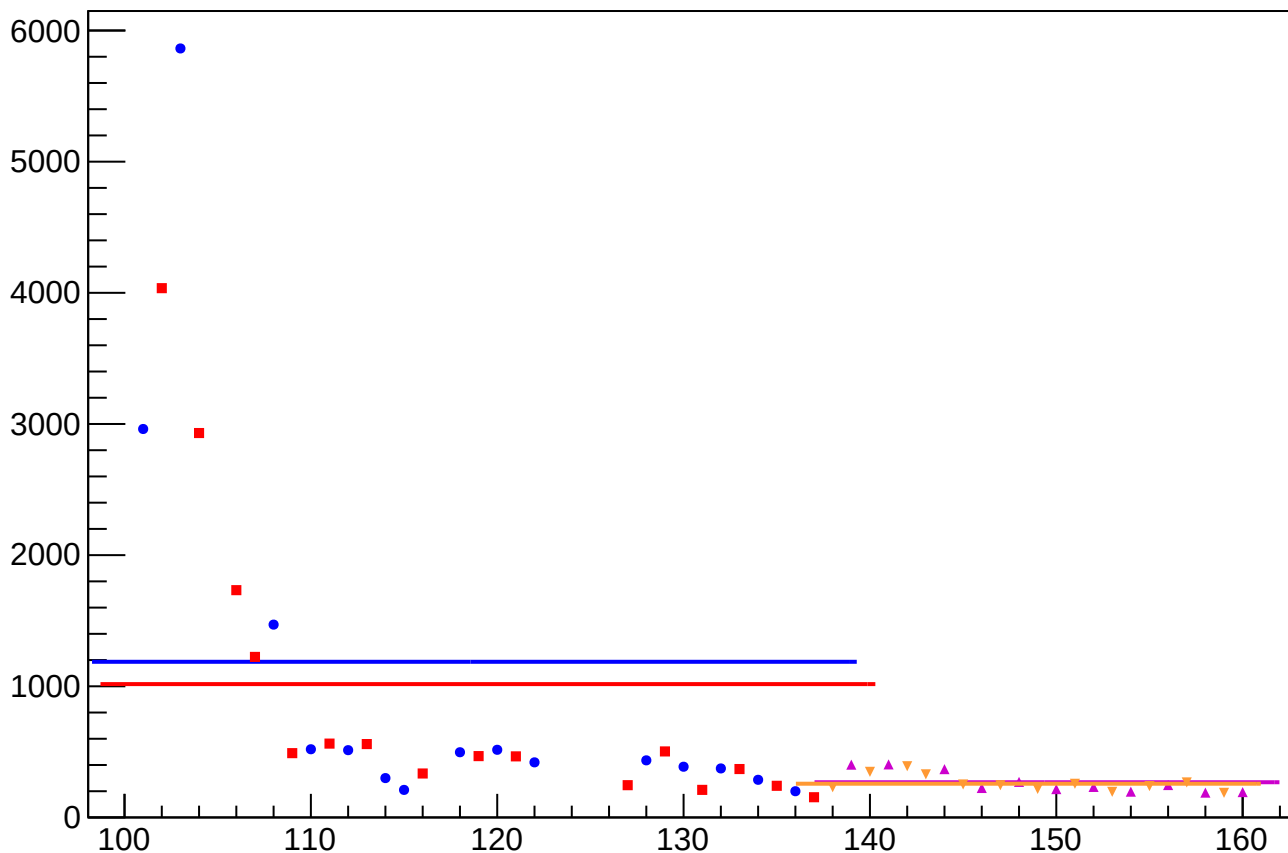
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam2_coil6_mean vs Slug



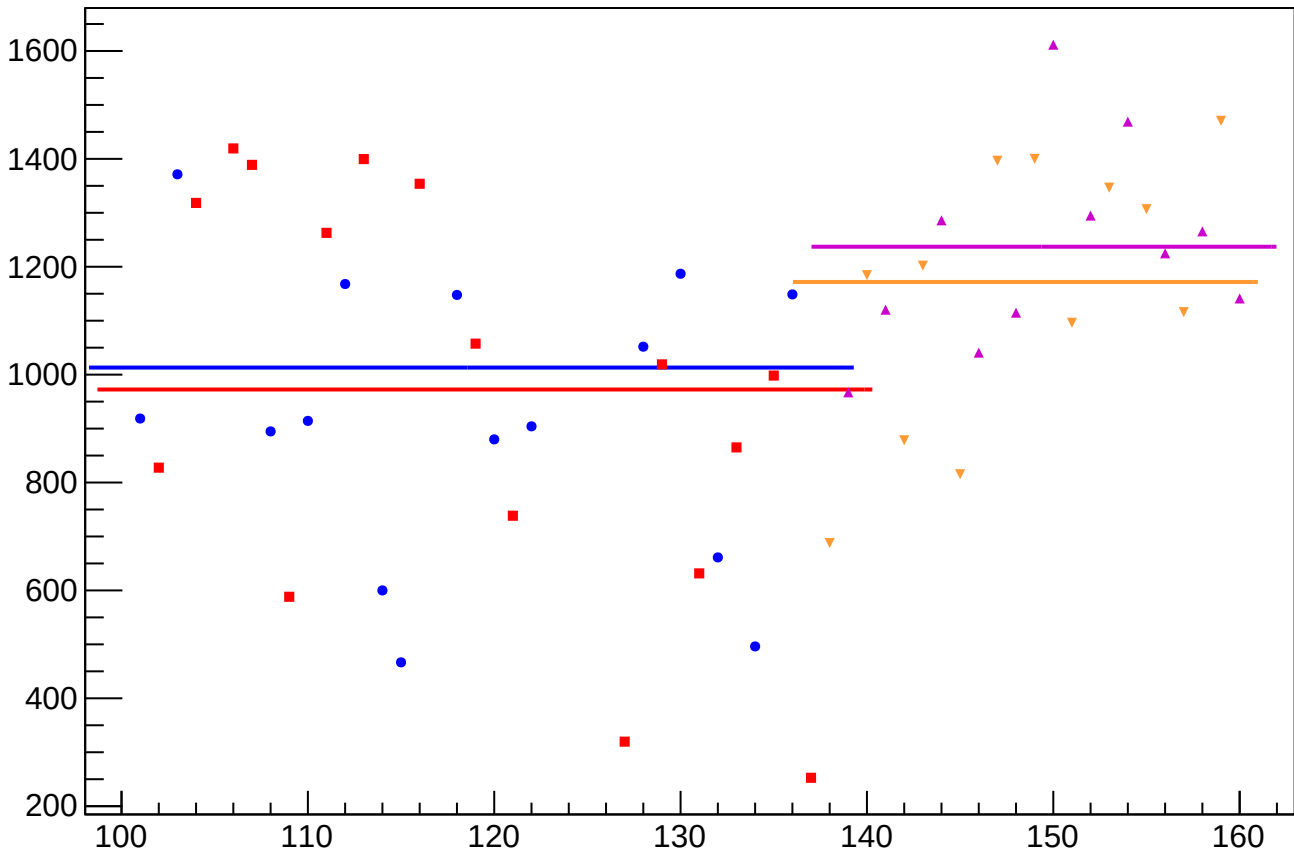
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4428.101+/-0.000 χ^2/NDF : 2900138976874387724183278190835470958592.0/11
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4310.541+/-0.000 χ^2/NDF : 2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug



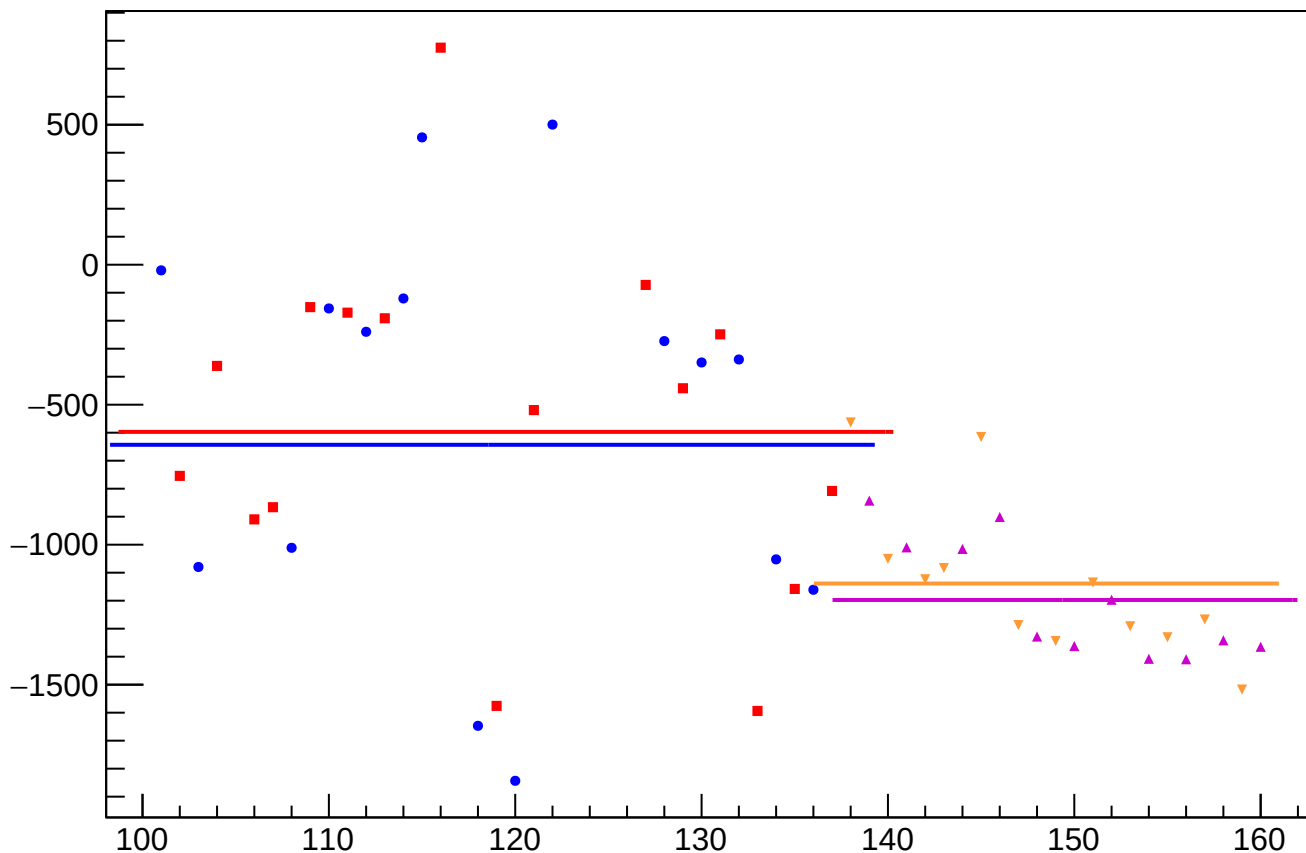
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 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

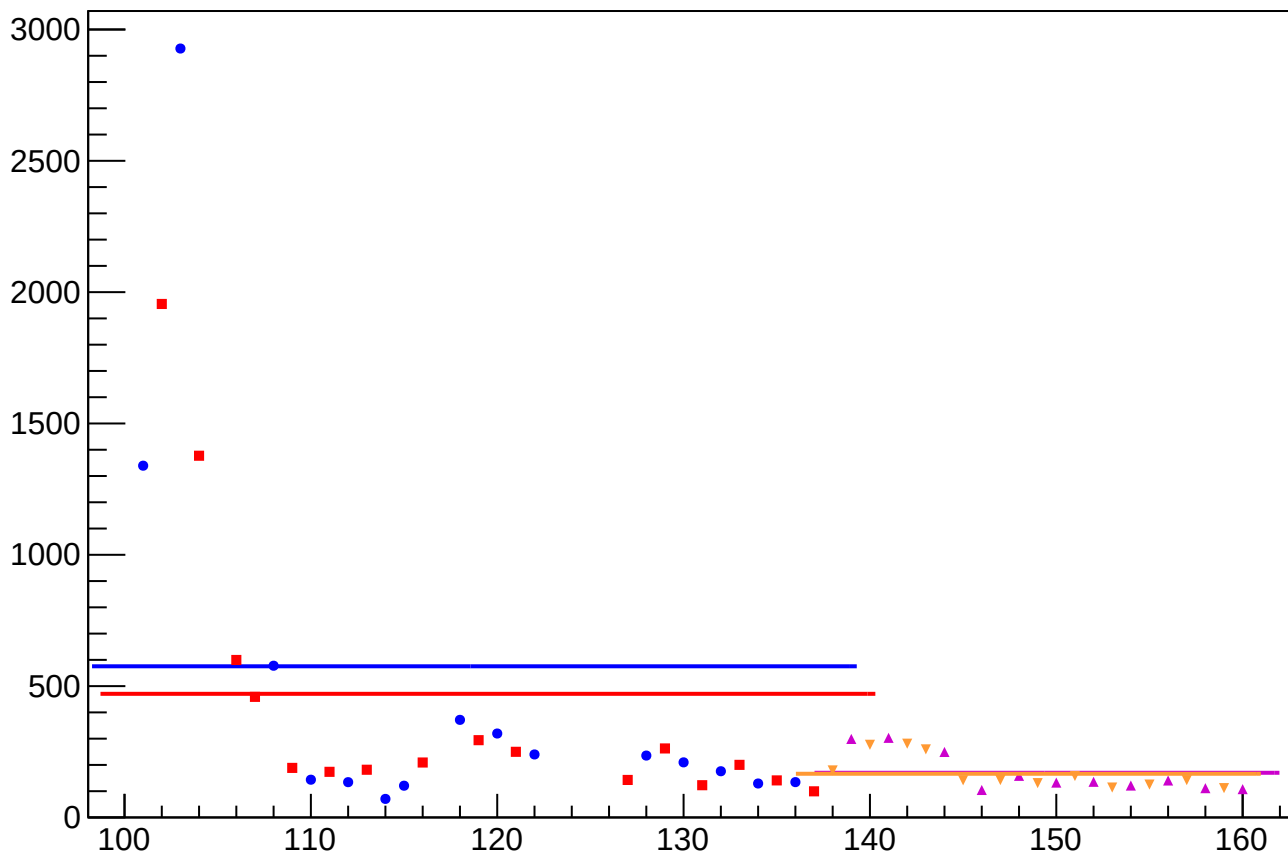
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ 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

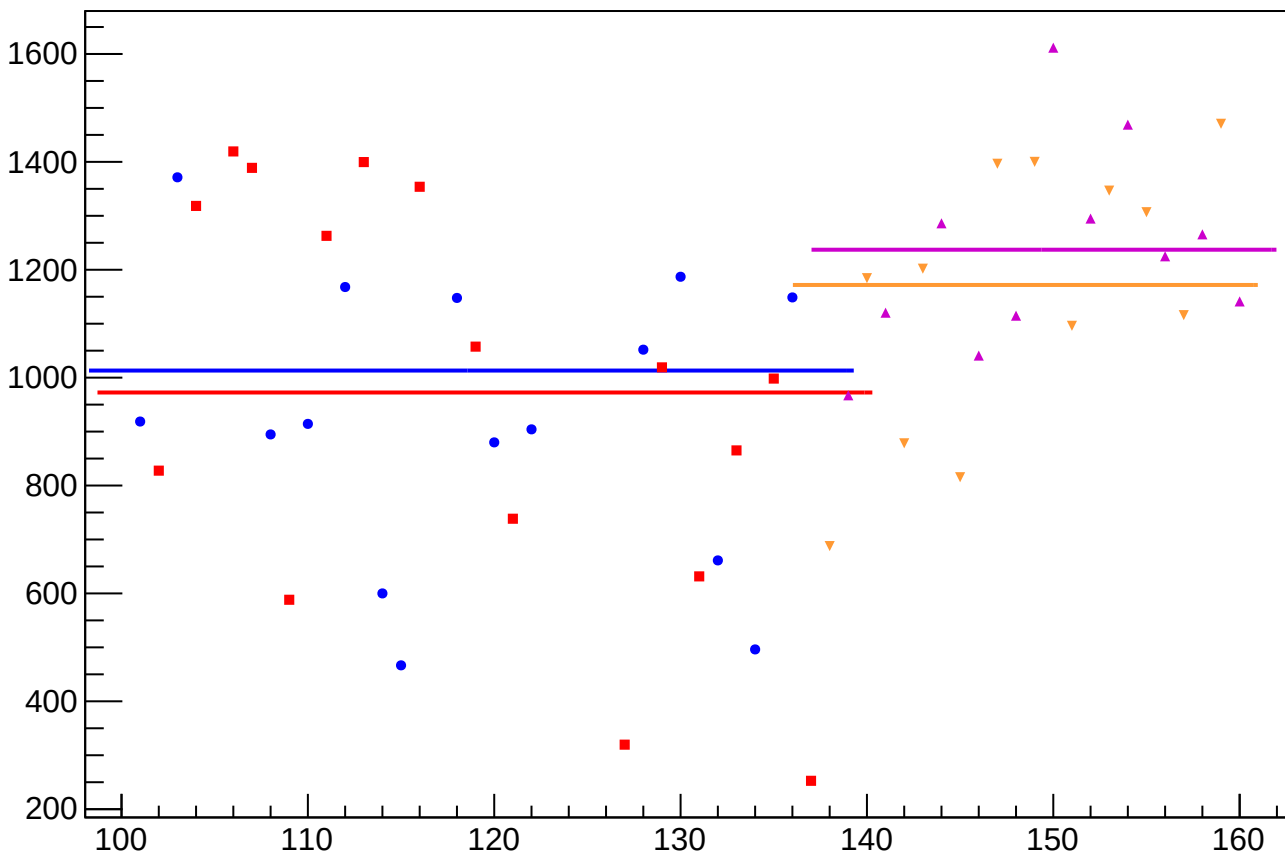
All: 316.009+/-0.000 χ^2/NDF : 749713374727

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

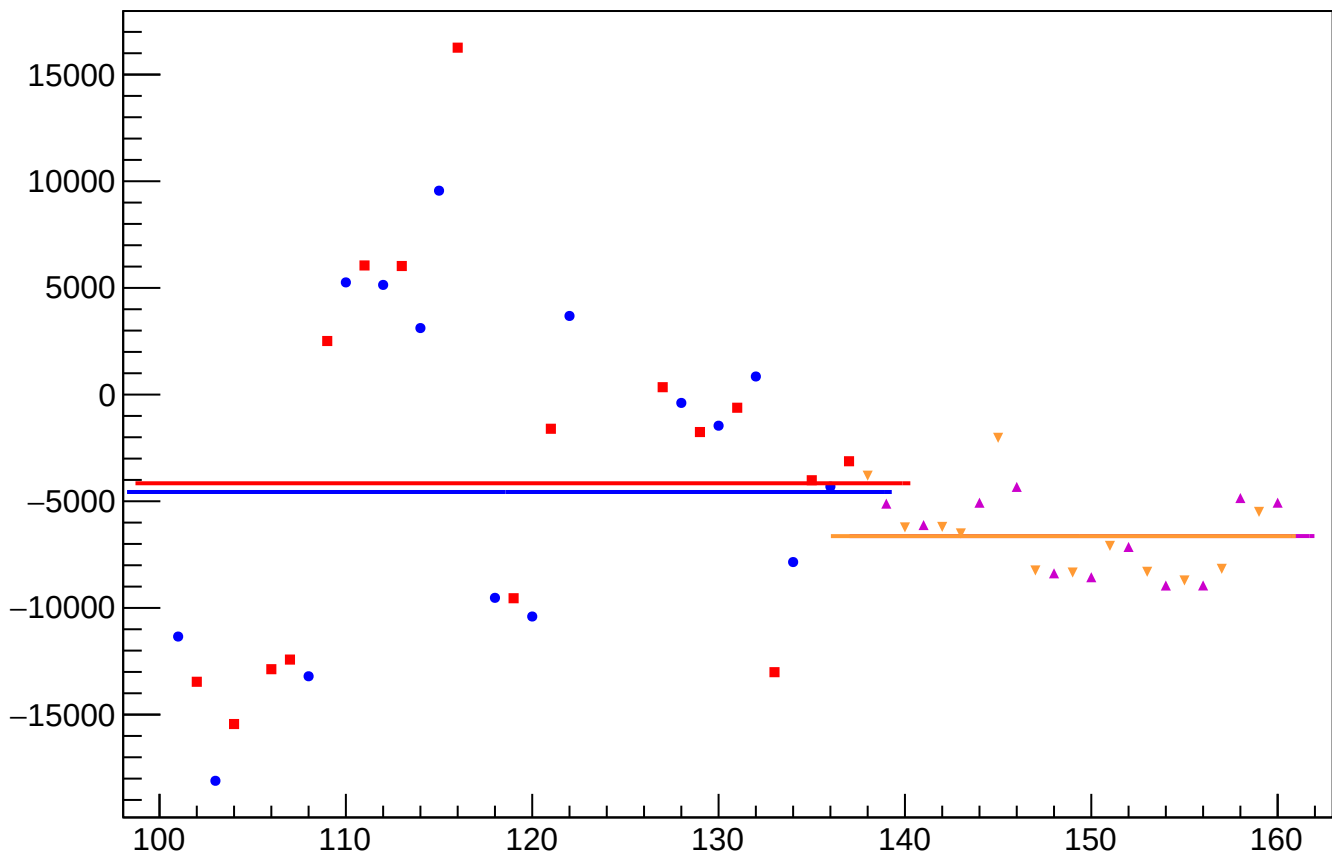
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

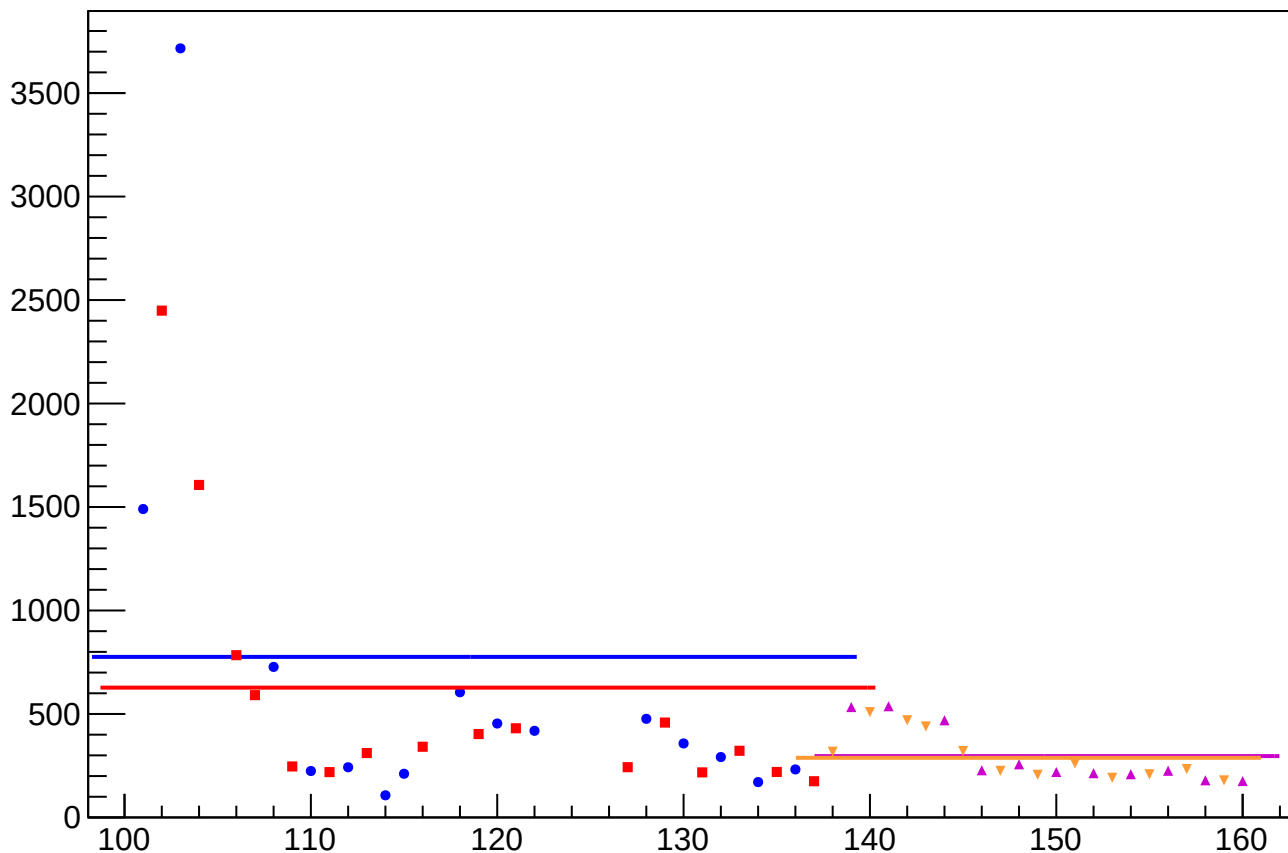
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

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

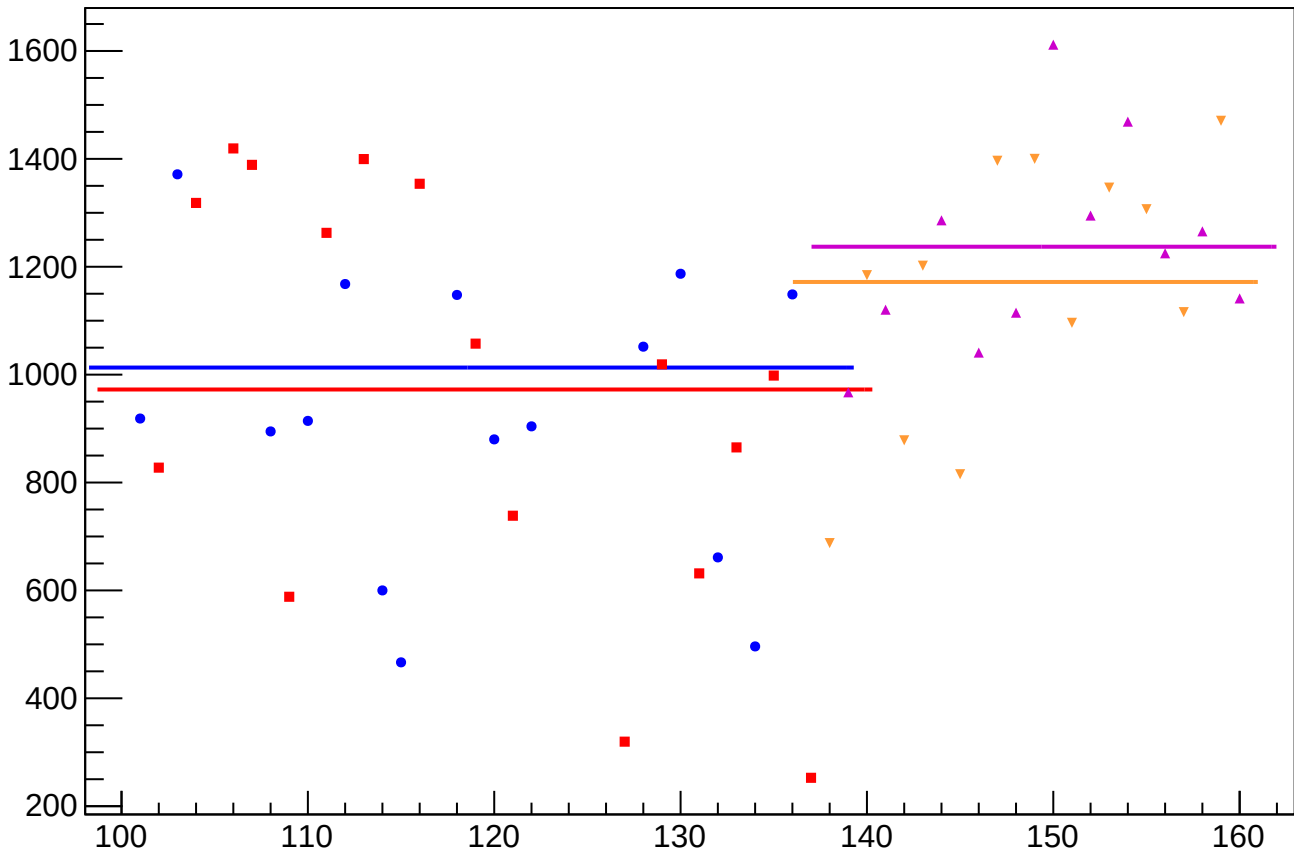
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 11020925146

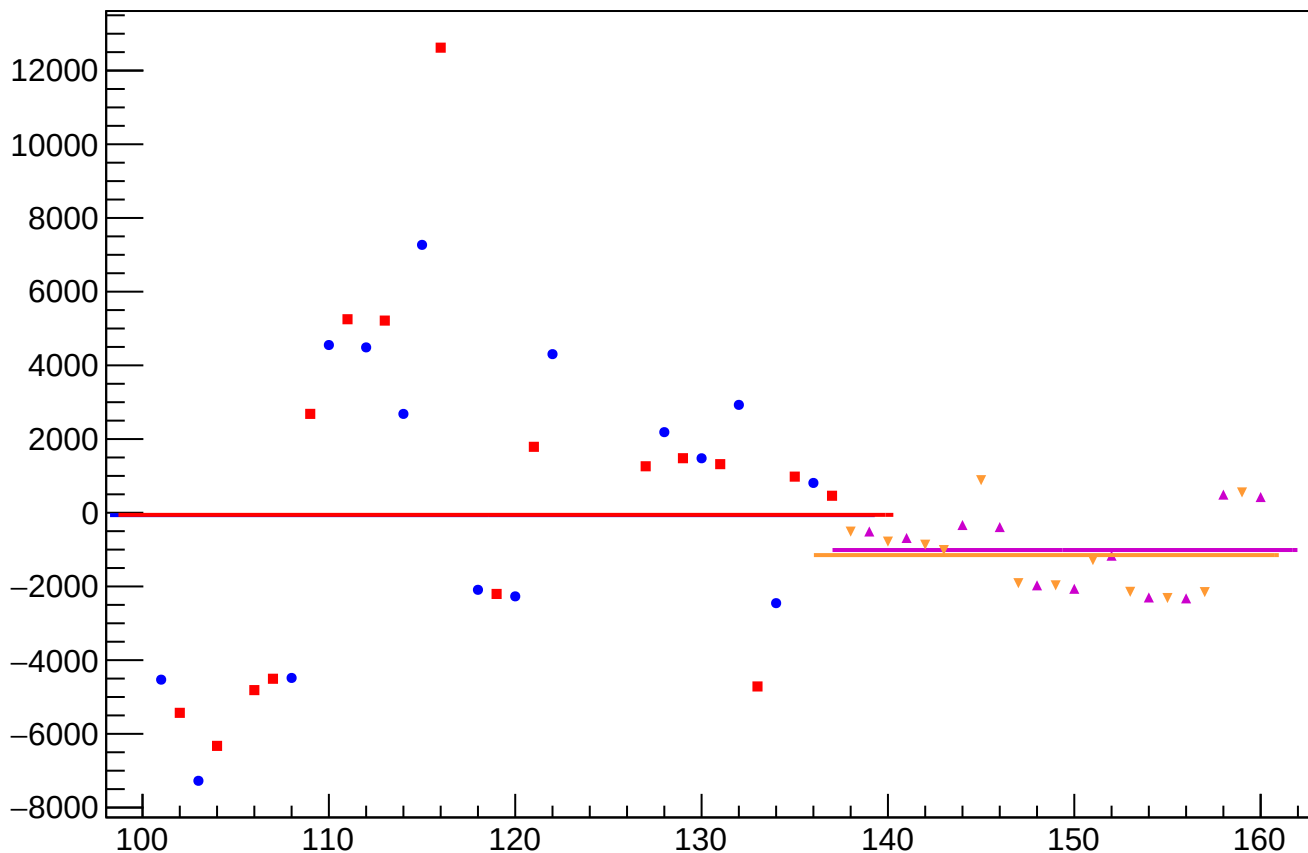
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

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

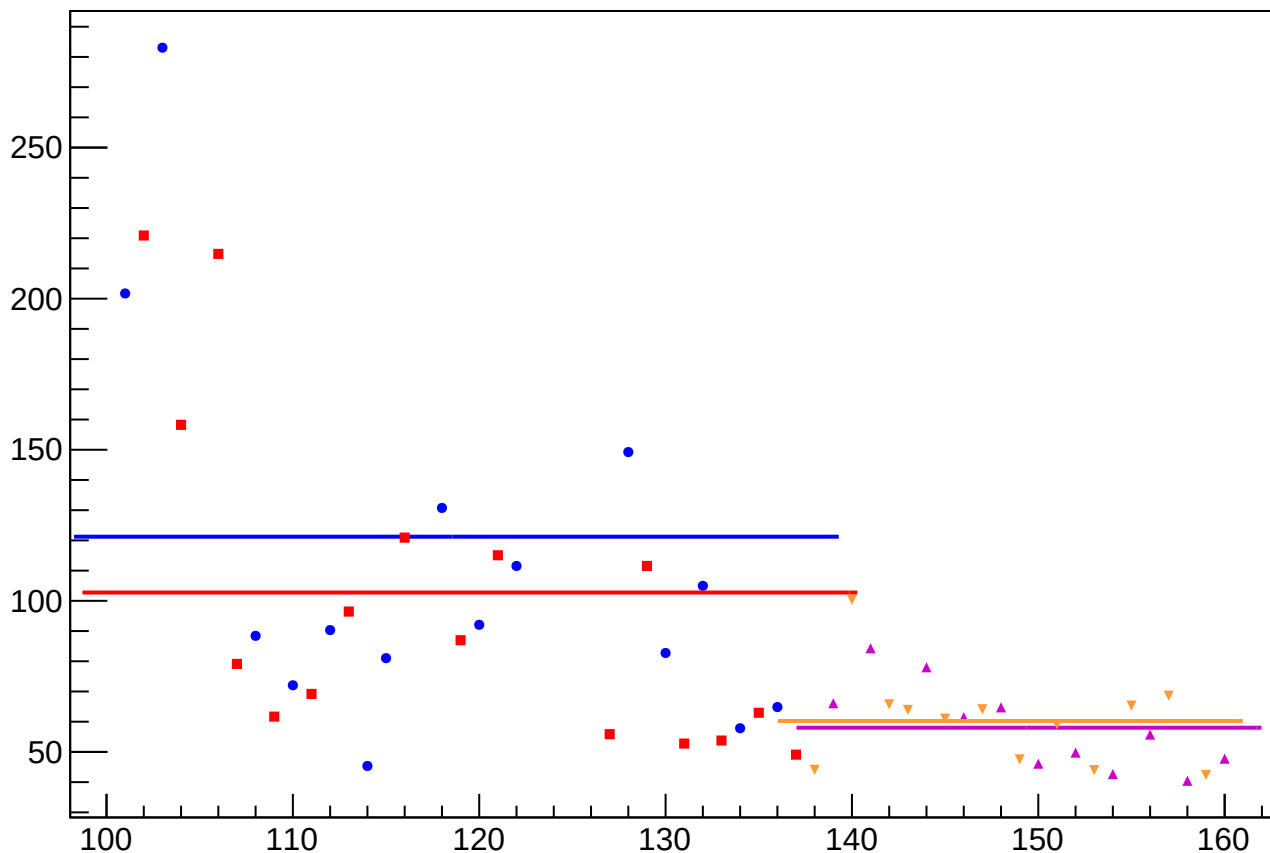
Left In: -1011.284+/-0.000 χ^2/NDF : 903909408421874171739001543159795679232.0/10

+ 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

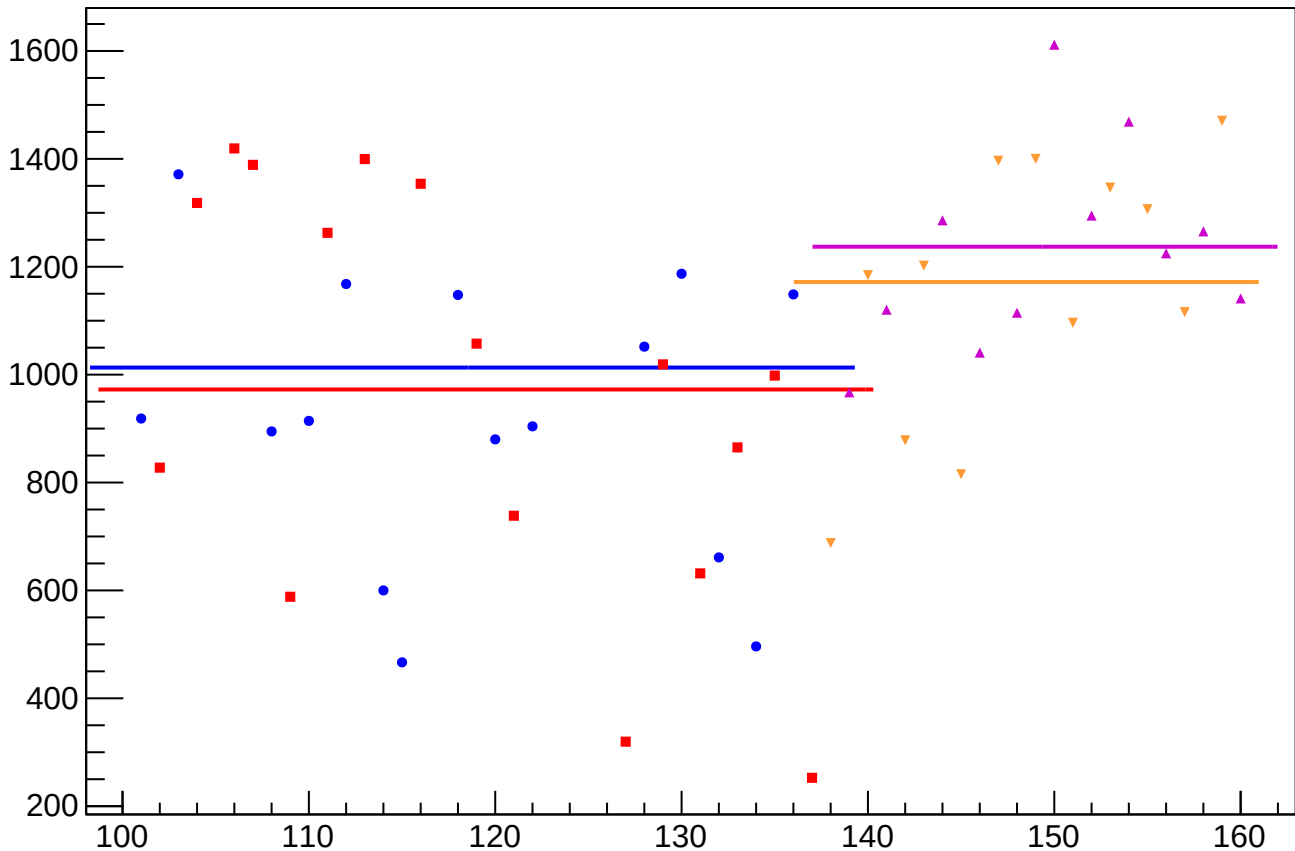
Left In: 58.011+/-0.000 χ^2/NDF : 177427701786540438757655027214450688.0/10

+ sign 85.563+/-0.000 χ^2/NDF : 4359921672162242

All: 81.126+/-0.000 χ^2/NDF : 7341366605629

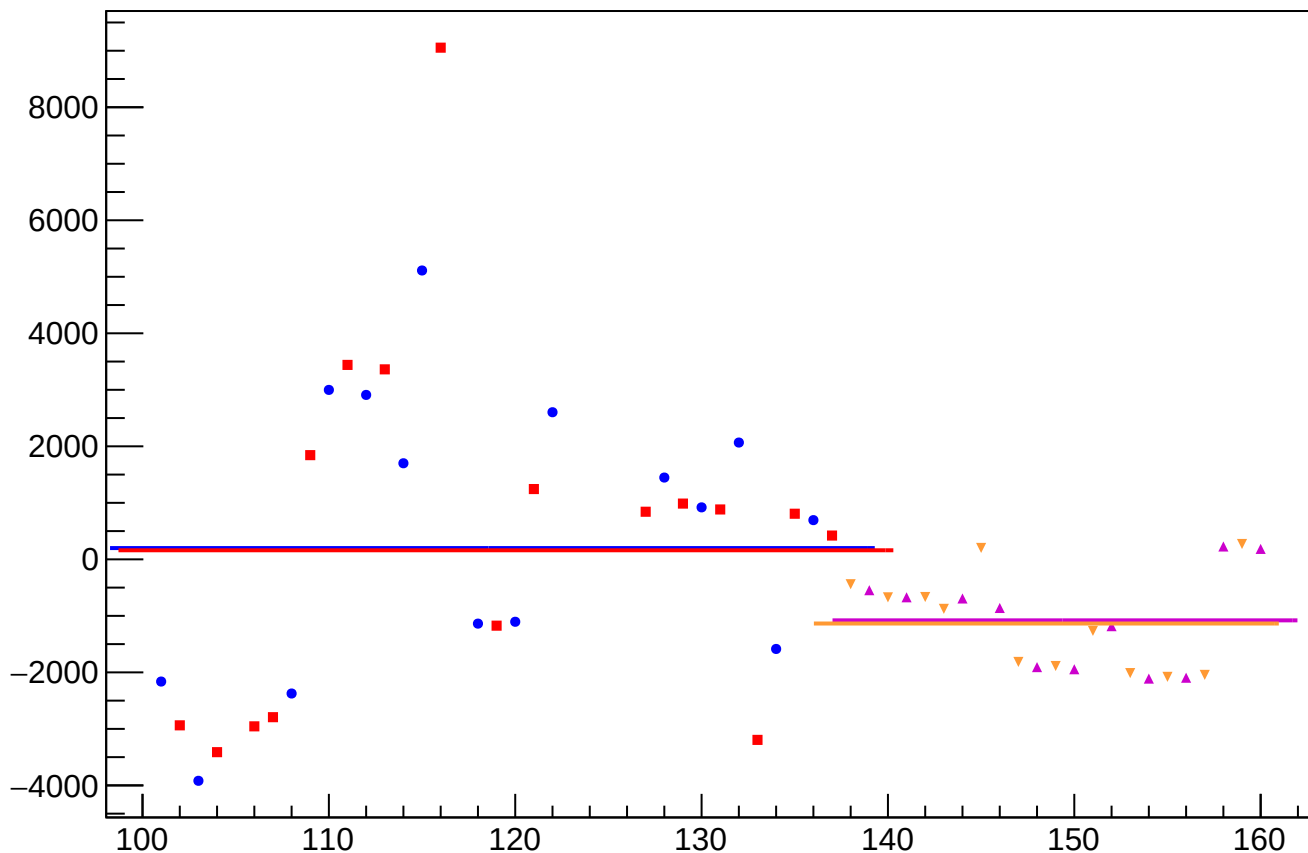
- sign 76.766+/-0.000 χ^2/NDF : 2920429745013475

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

+ sign -581.144+/-0.000 χ^2/NDF : 45992004244900

Left Out: -1135.455+/-0.000 χ^2/NDF : 654697592596579349133010058178925166592.0/11

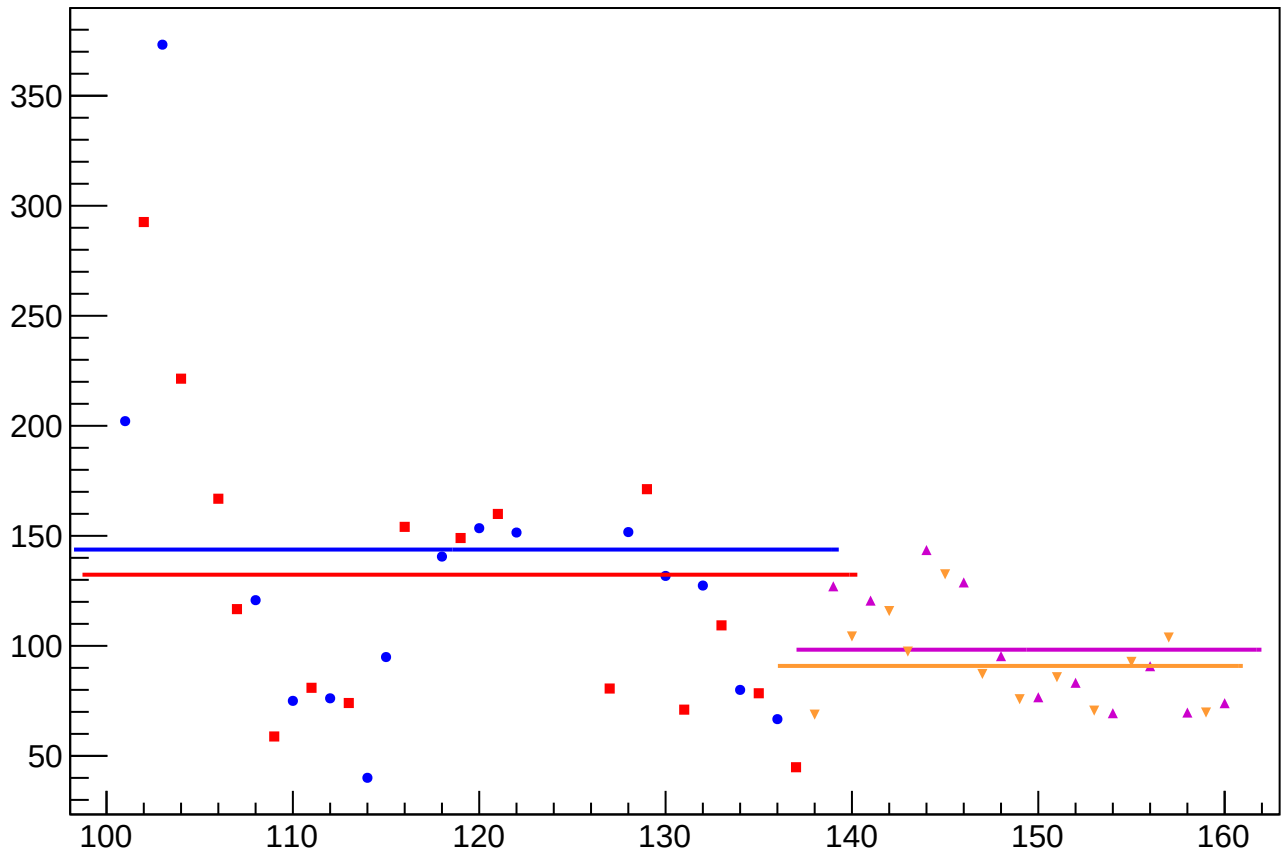
All: -570.315+/-0.000 χ^2/NDF : 11490561476

Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

- sign -559.678+/-0.000 χ^2/NDF : 689099774035240

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

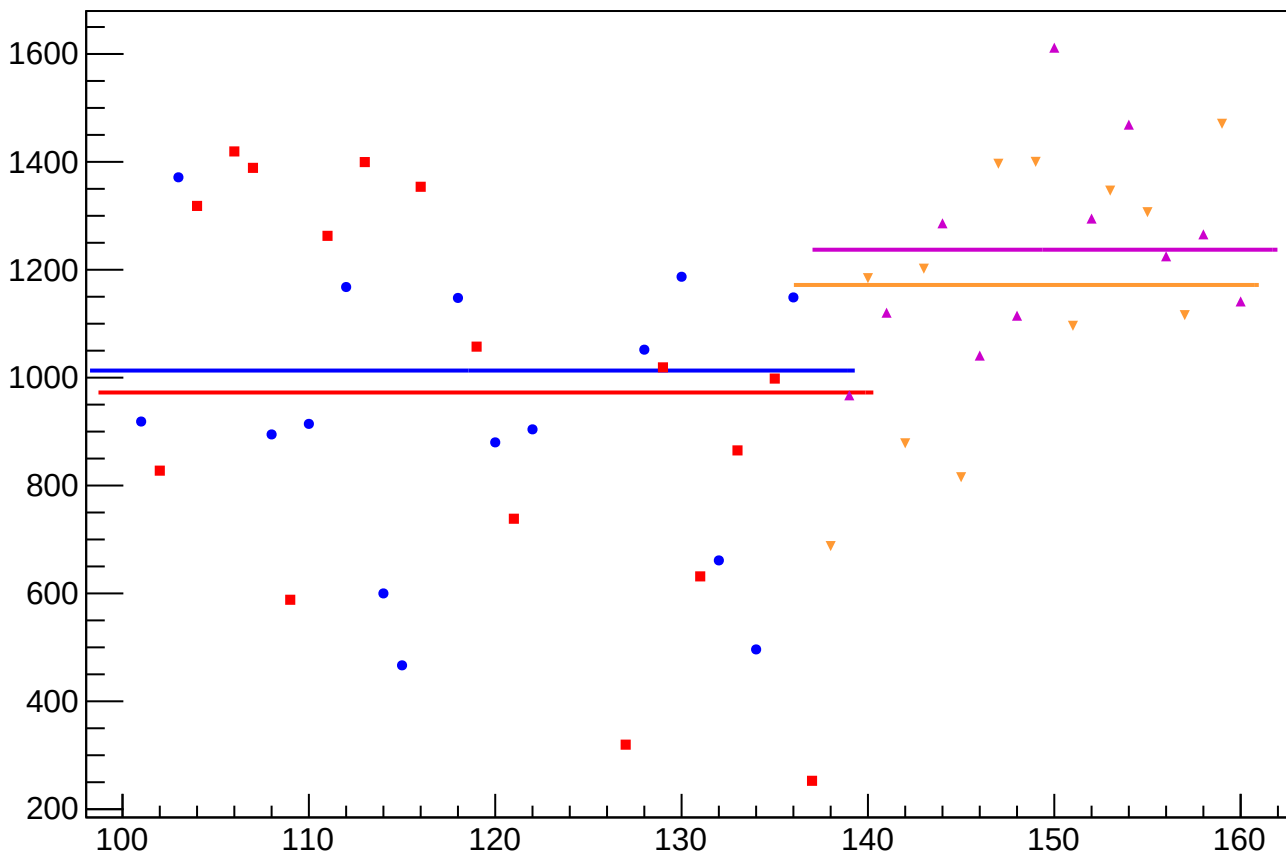
Left In: 98.257 ± 0.000 χ^2/NDF : 6209937767730933933033369428470792192.0/10

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

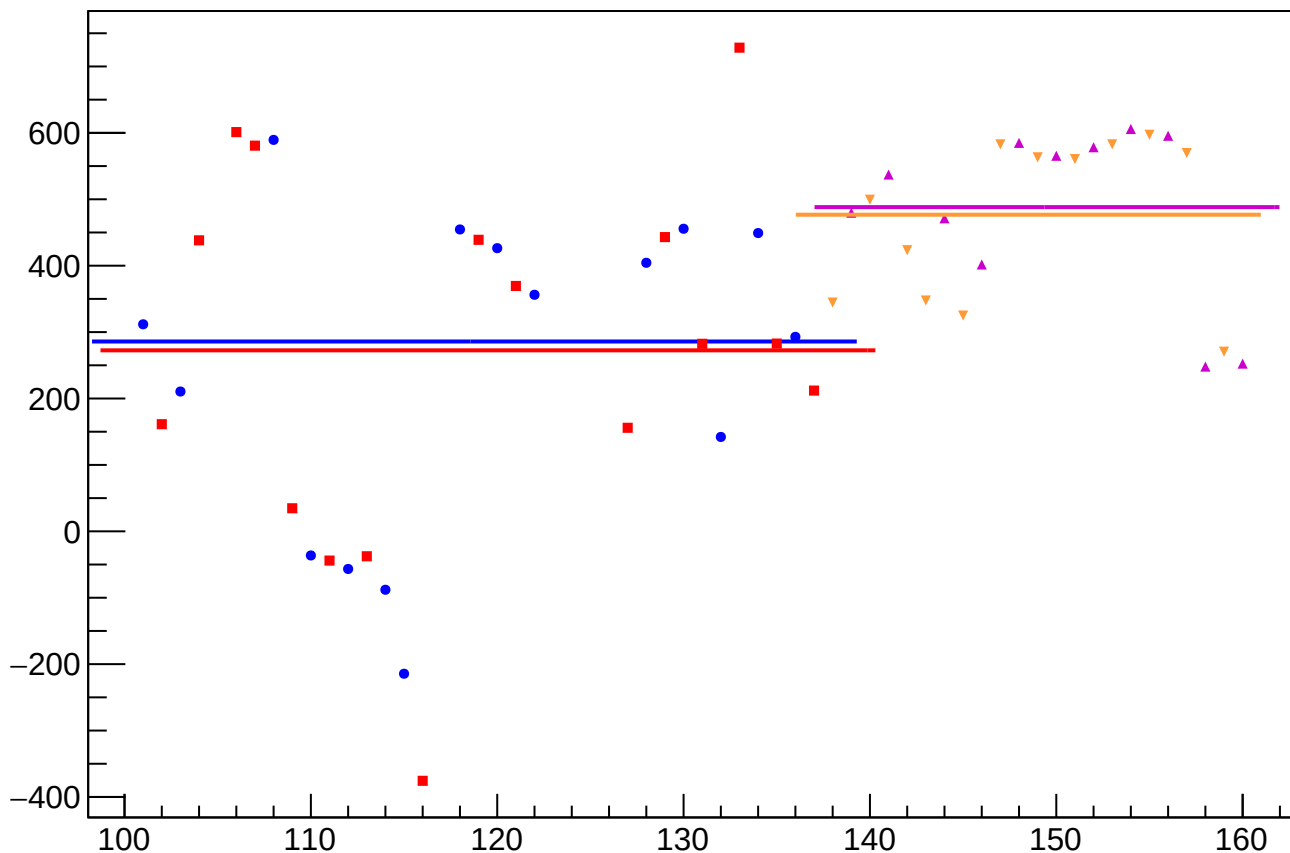
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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_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

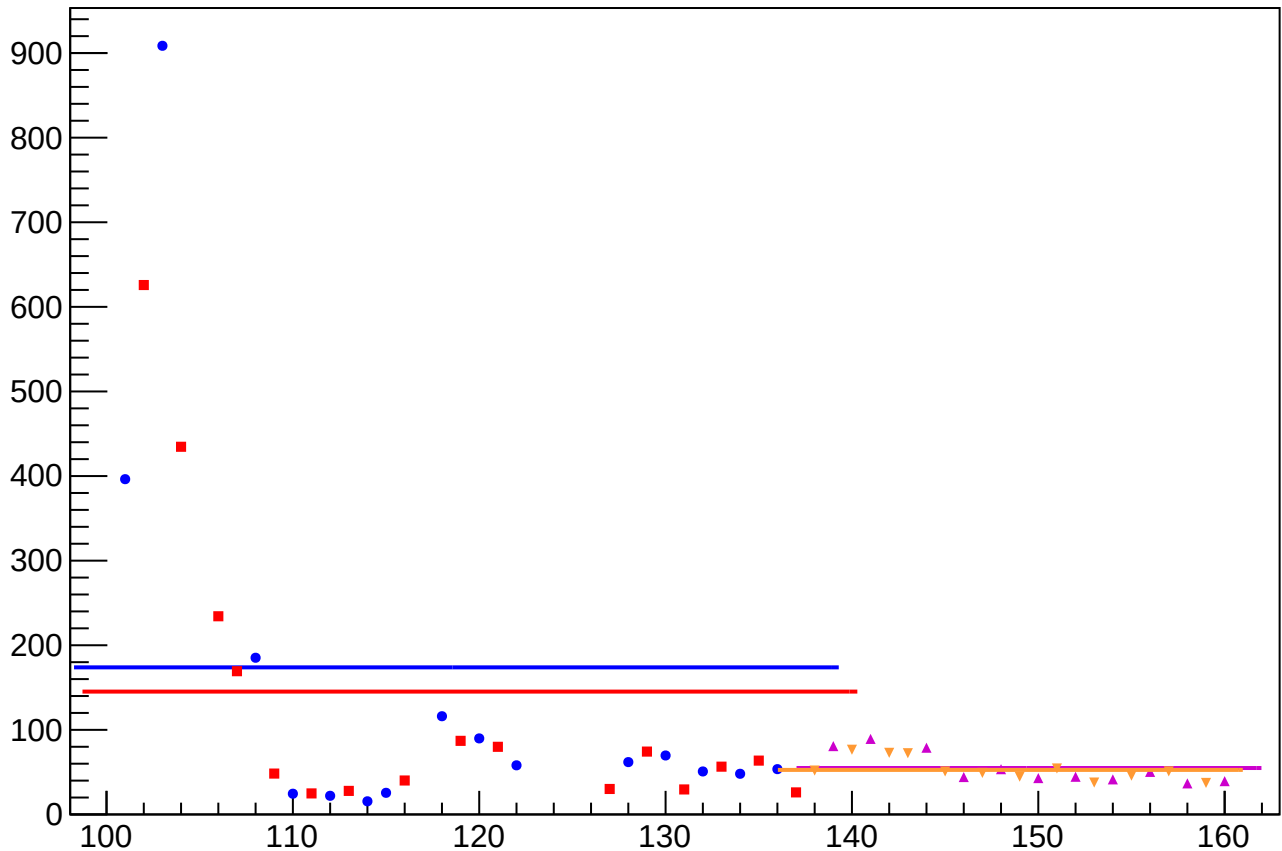
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ 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

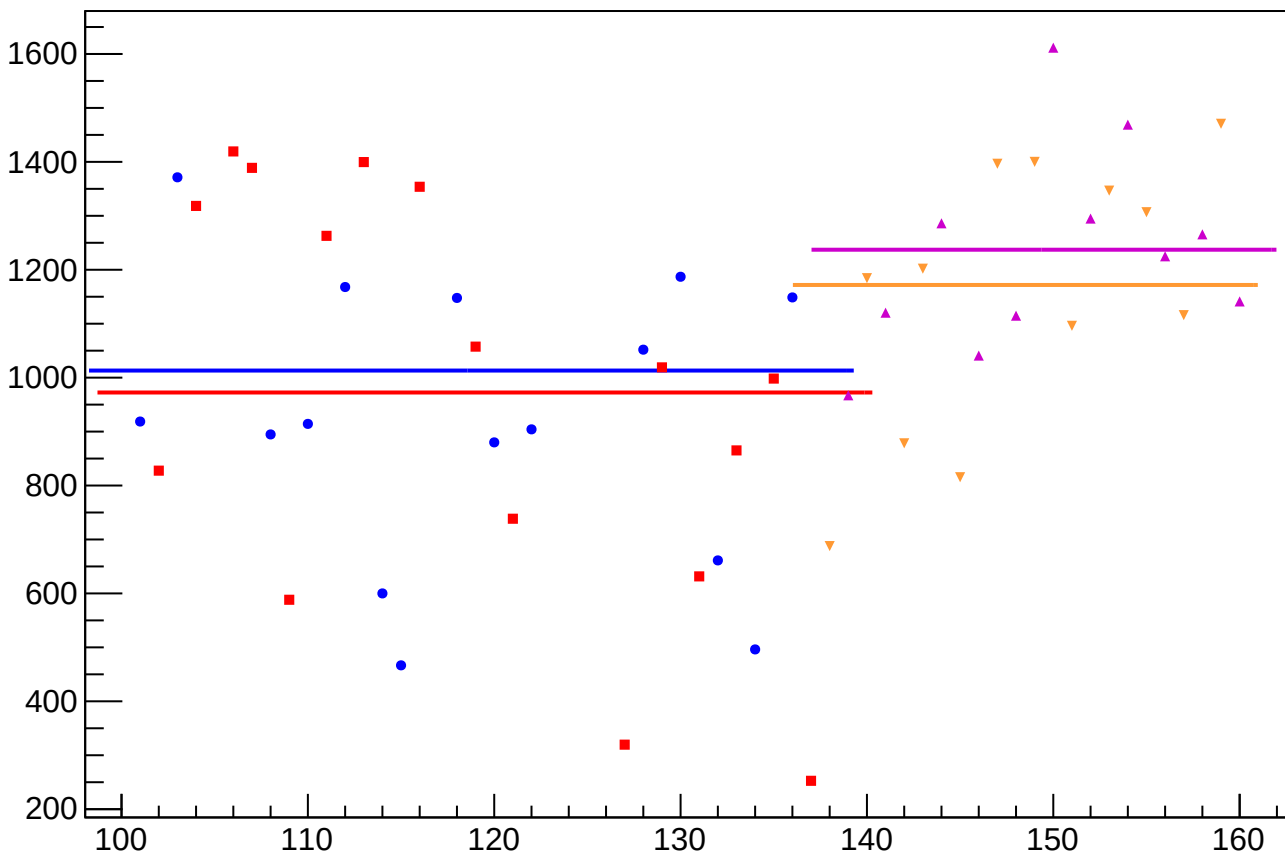
All: 97.830+/-0.000 χ^2/NDF : 7349556913199

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

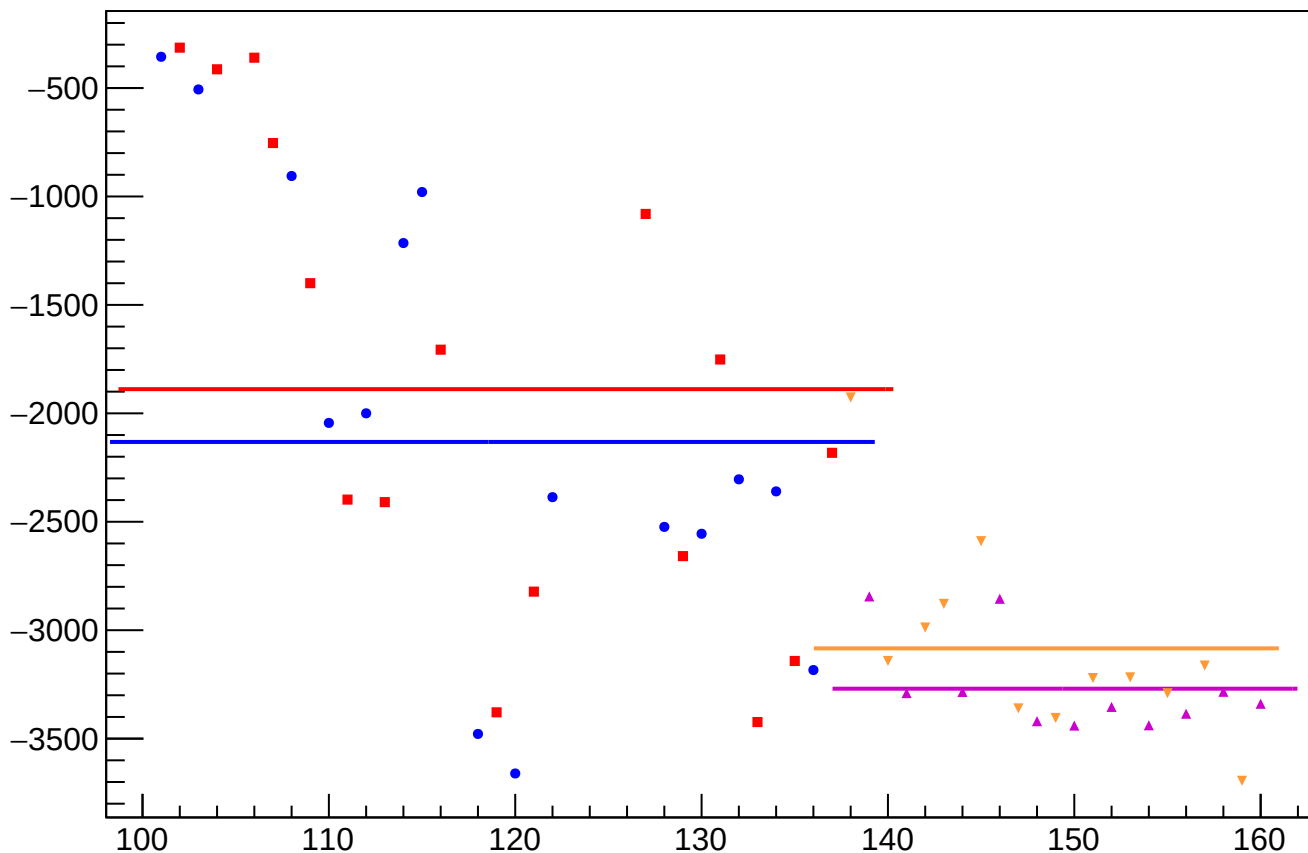
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

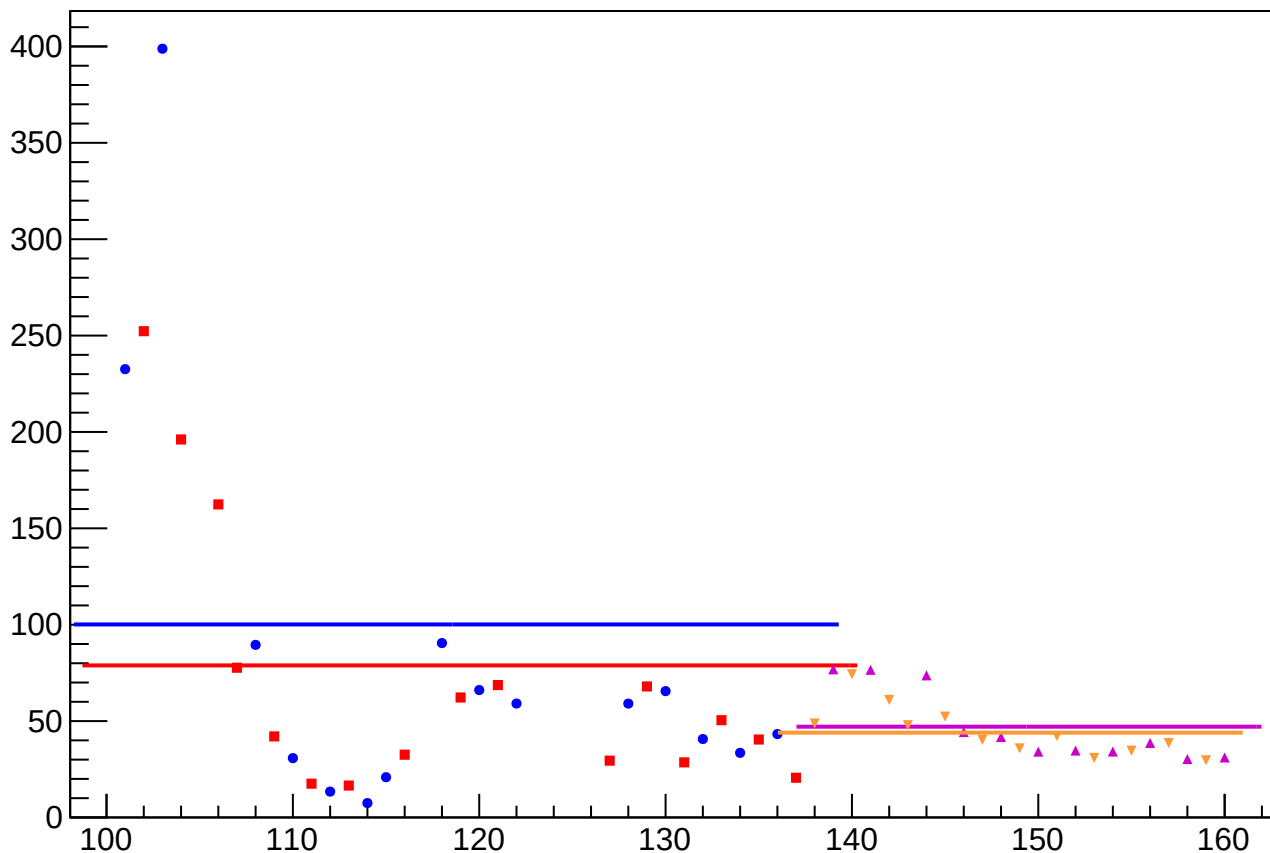
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000	χ^2/NDF : 722433384570495071131450661983670501376.0/14
Left Out: -3083.729+/-0.000	χ^2/NDF : 178322677856663824149309206068860026880.0/11
Right Out: -1888.448+/-0.000	χ^2/NDF : 791986665551980691032719862611769819136.0/15
Left In: -3269.755+/-0.000	χ^2/NDF : 38098096180391062431092176239781216256.0/10
+ sign -2688.506+/-0.000 χ^2/NDF : 1244586997830	
All: -2689.595+/-0.000 χ^2/NDF : 2813784024	
- sign -2690.665+/-0.000 χ^2/NDF : 15691933486268	

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

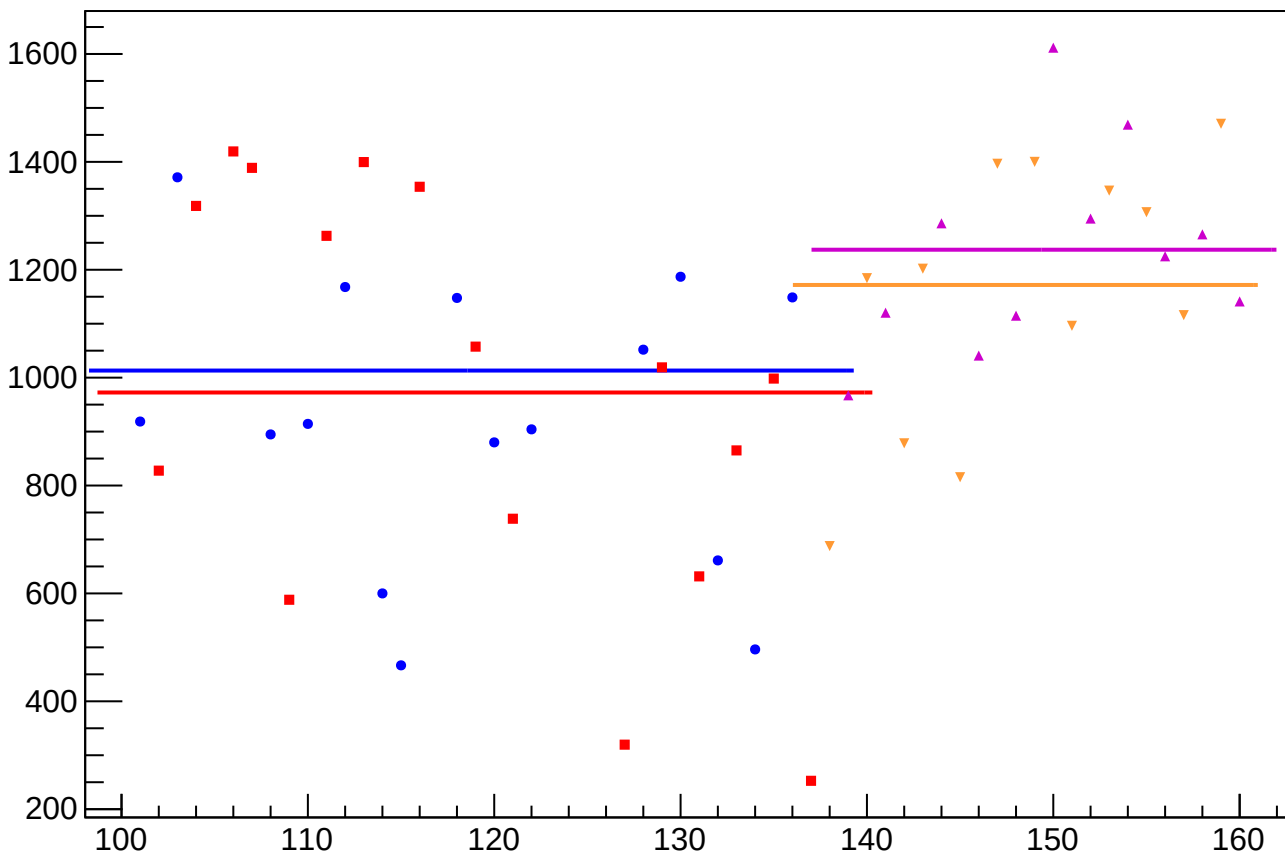
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ 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

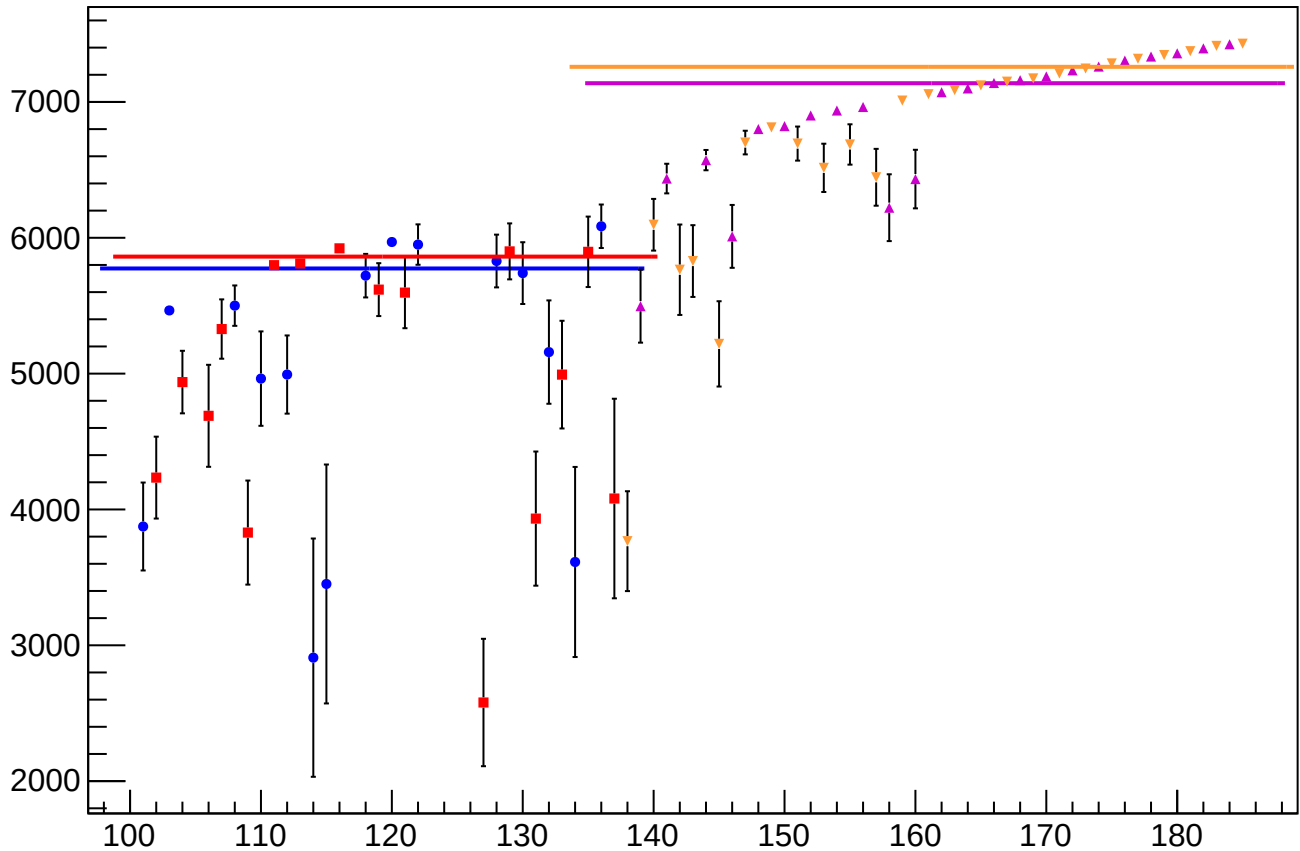
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

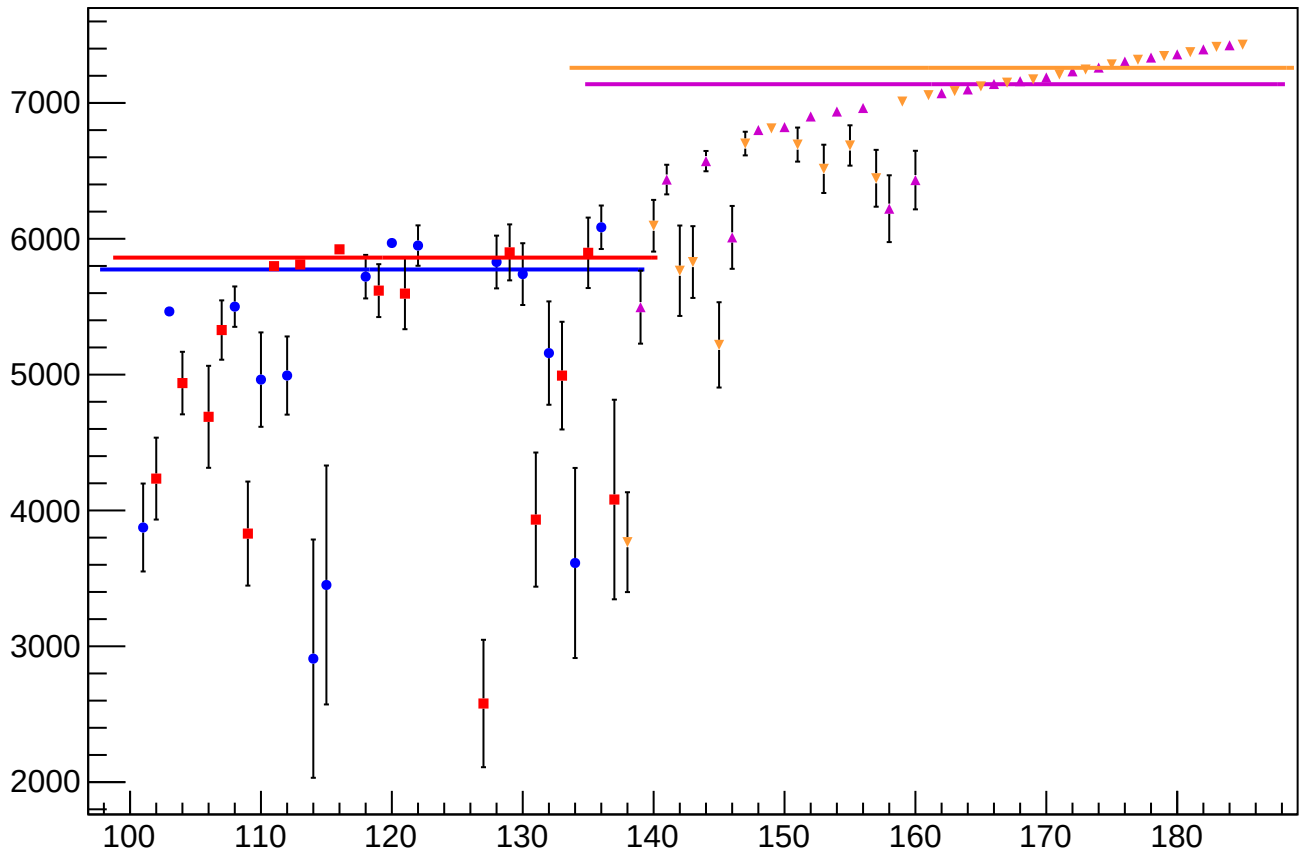
dit_run_mean vs Slug



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

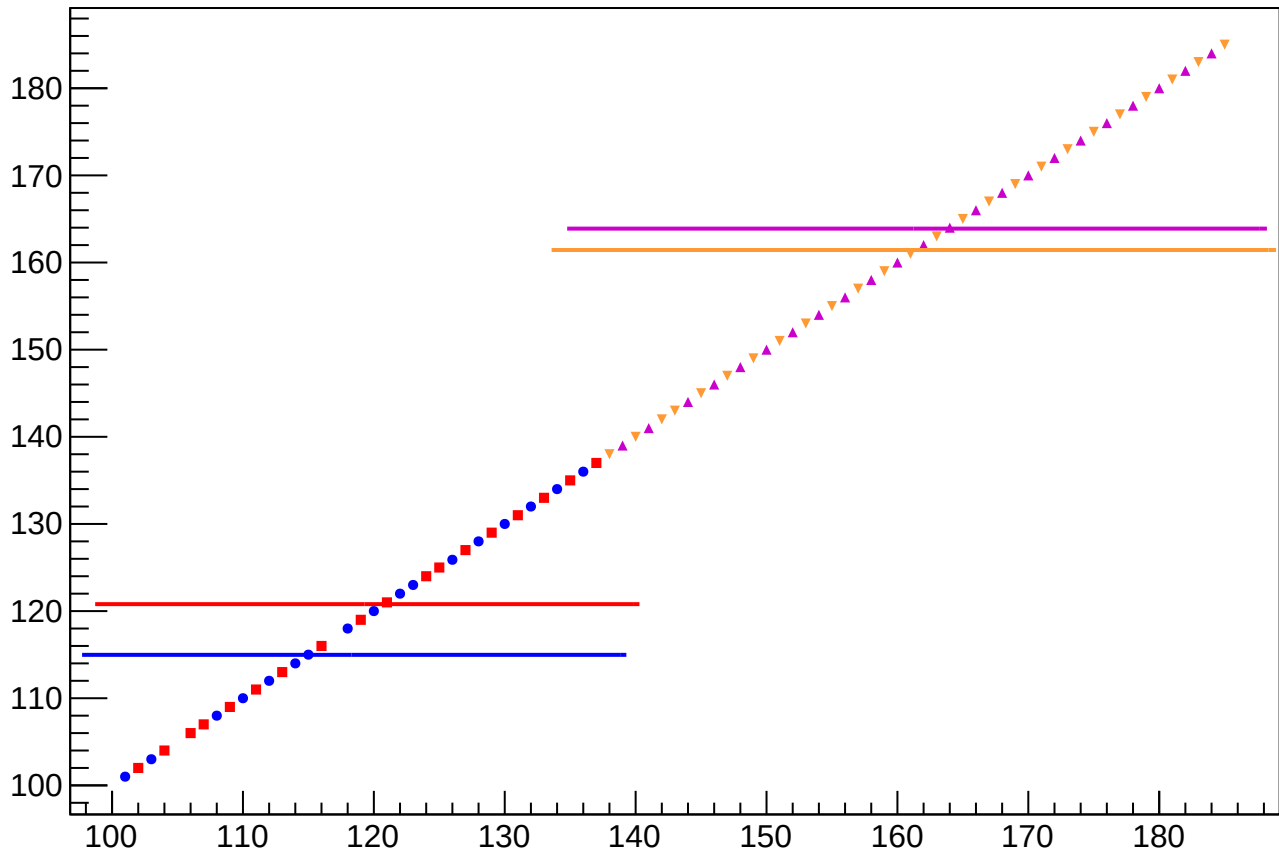
Left In: 7137.987+/-0.098 χ^2 /NDF: 4549121.8/22

+ 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

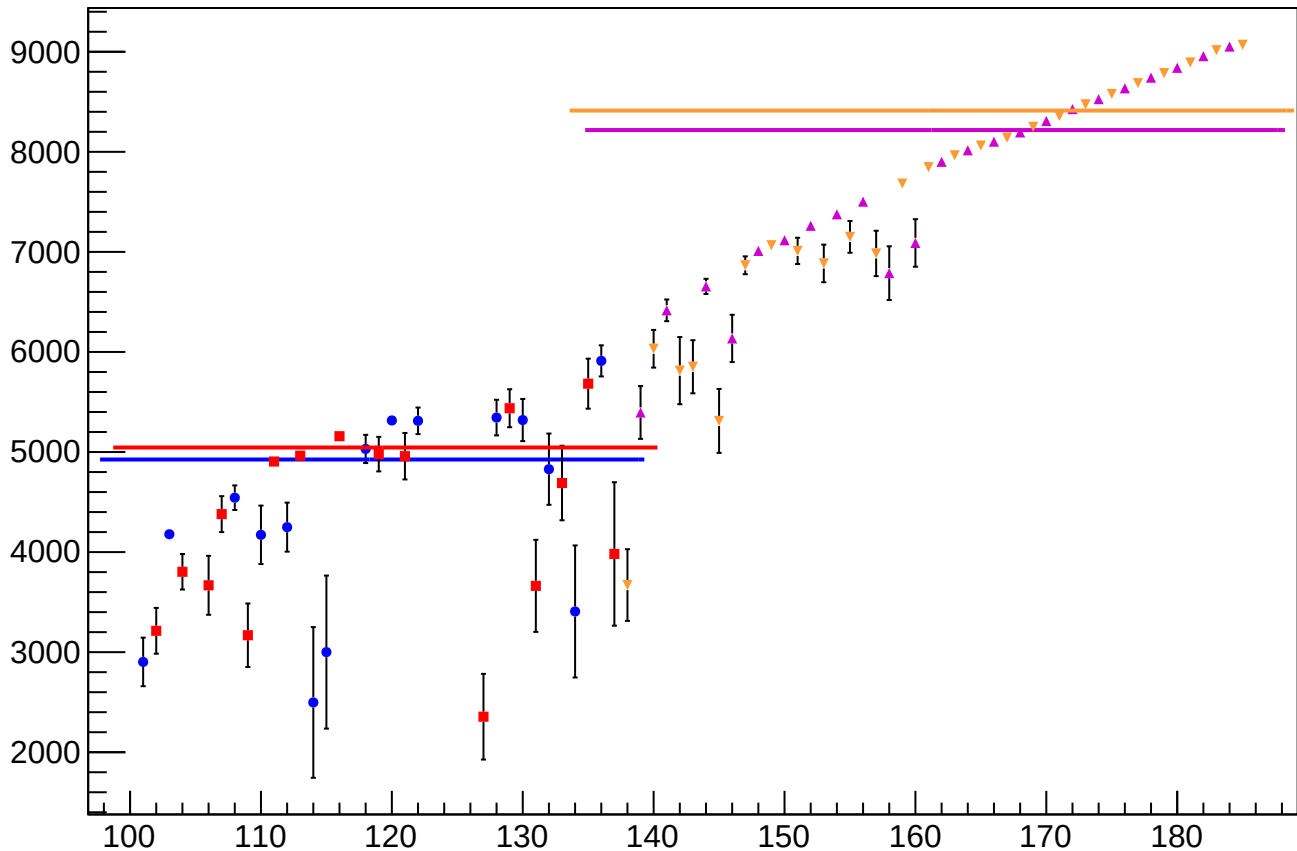
Left In: 163.890+/-0.000 χ^2/NDF : 206308926090069183709360387260416.0/22

+ 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 $\pm$ 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

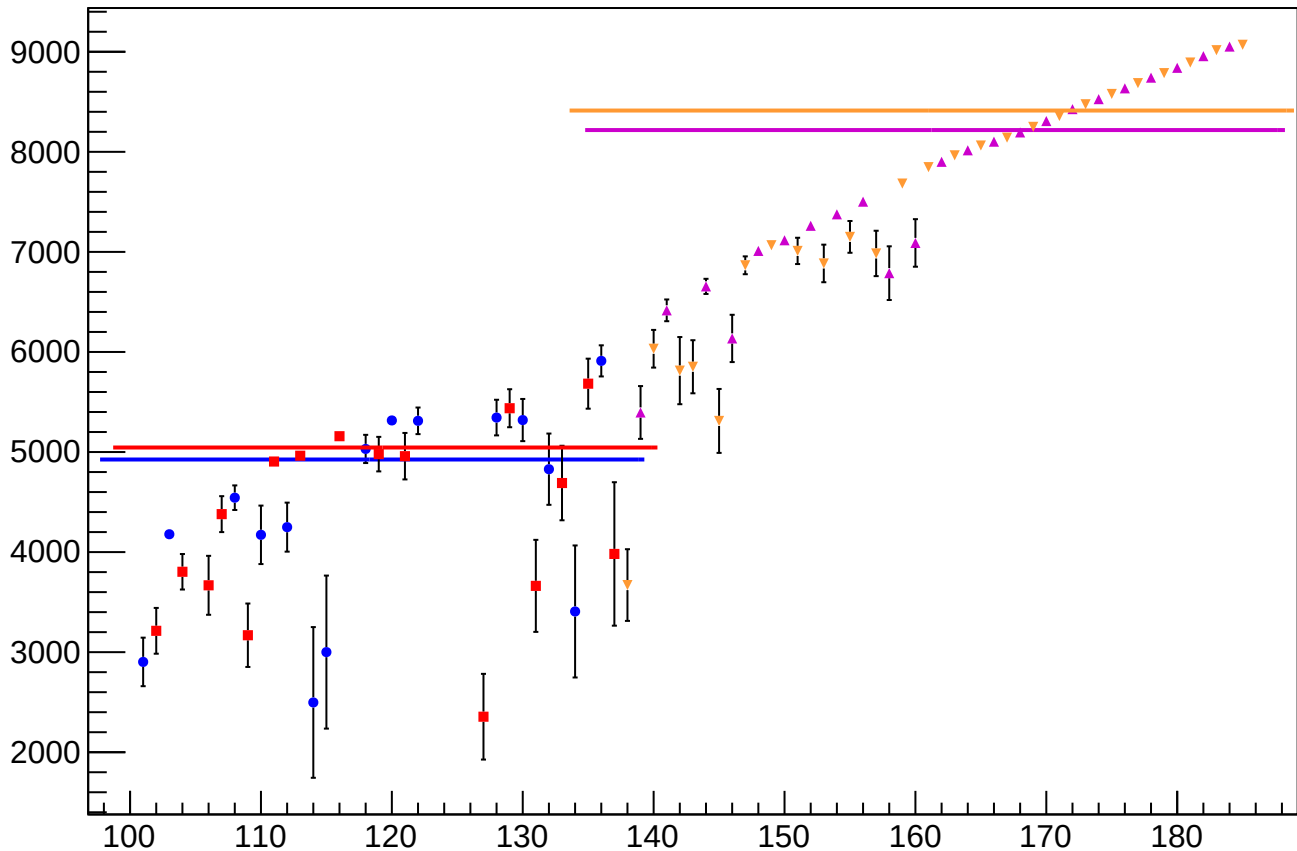
Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ 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_cyclenum_rms 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

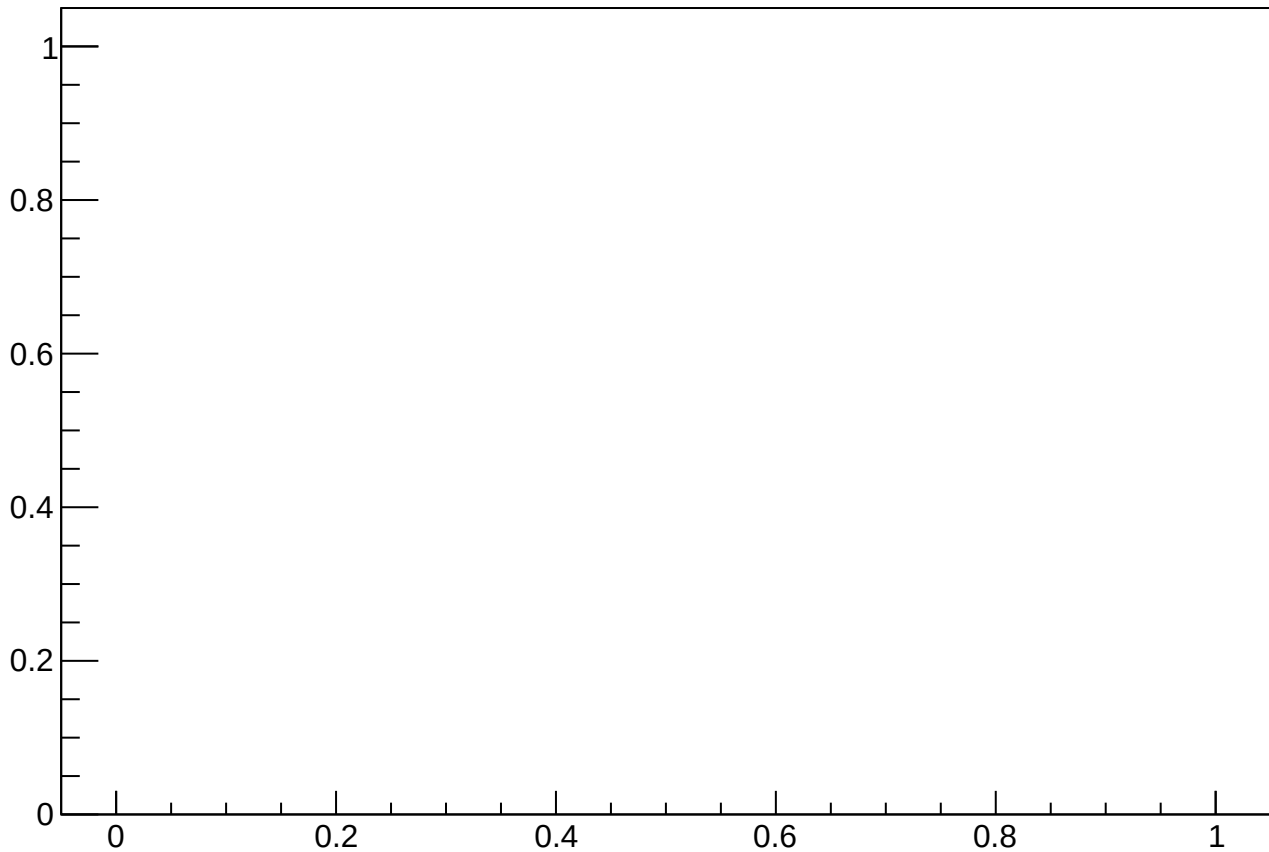
Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ 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_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

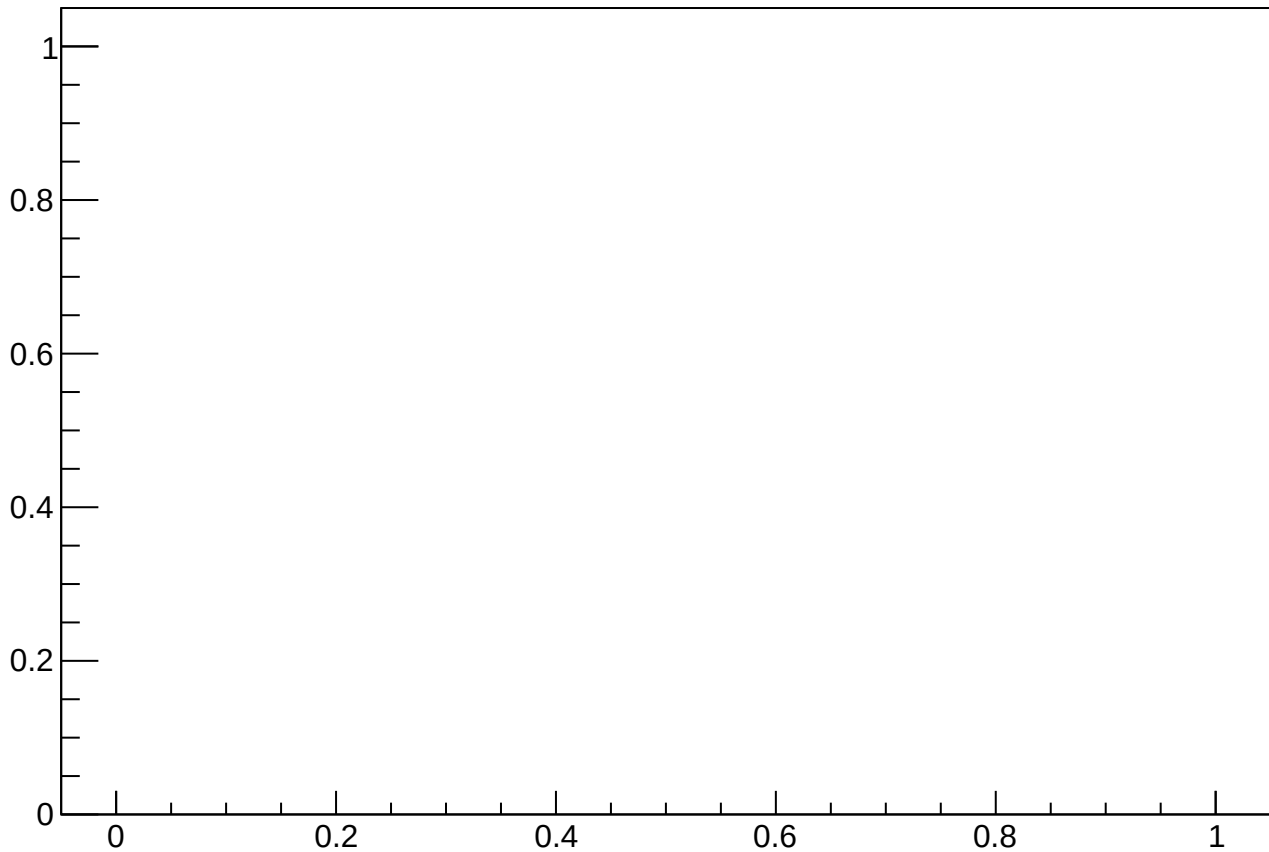
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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+/-0.000 χ^2/NDF : 0.0/0

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

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

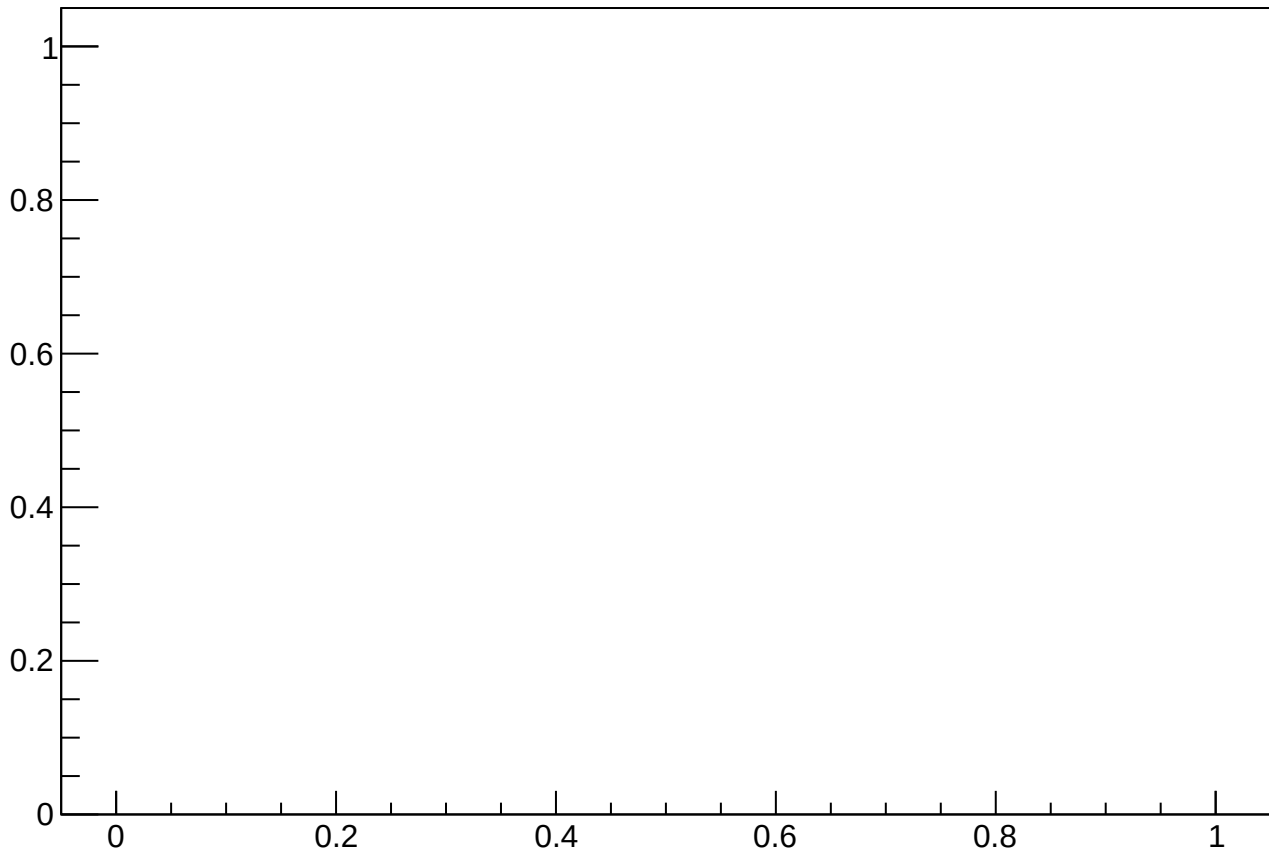
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-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

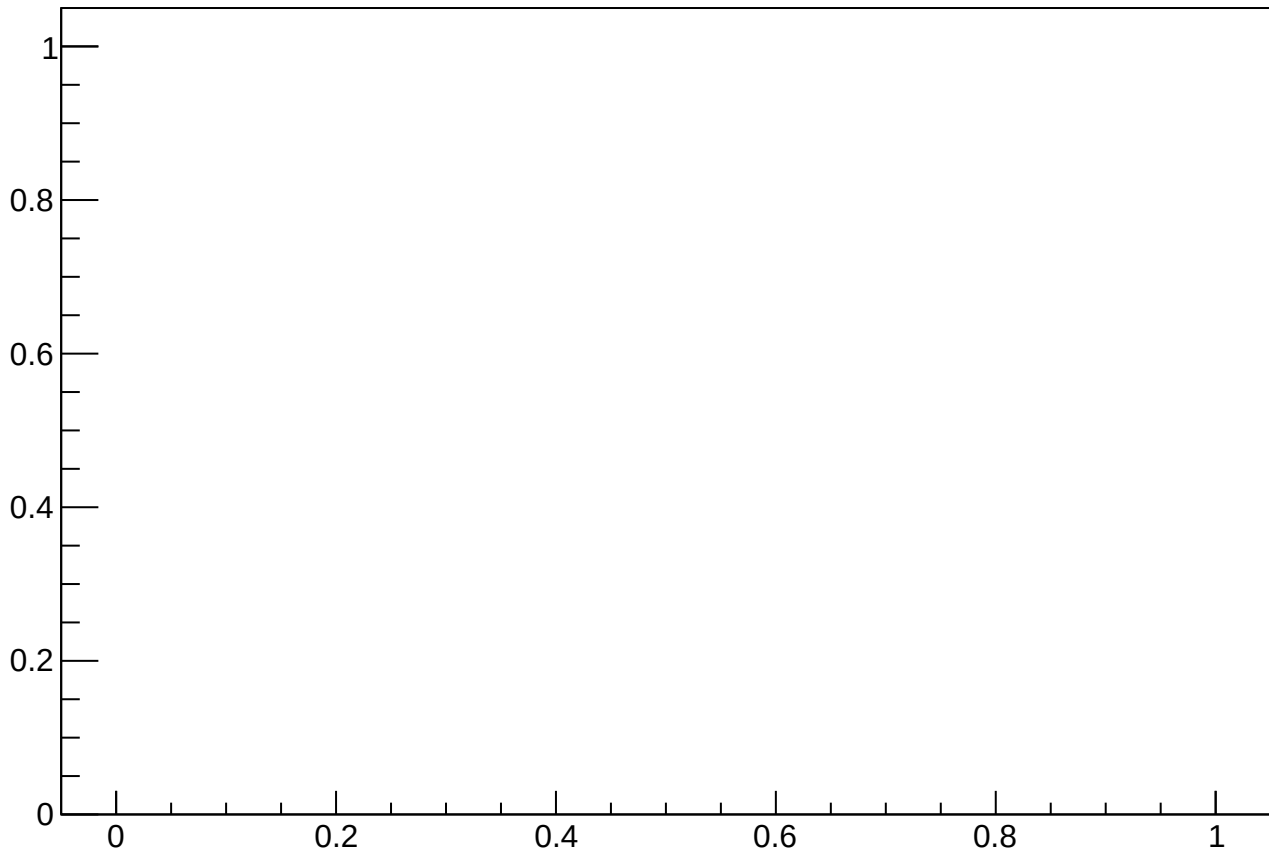
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

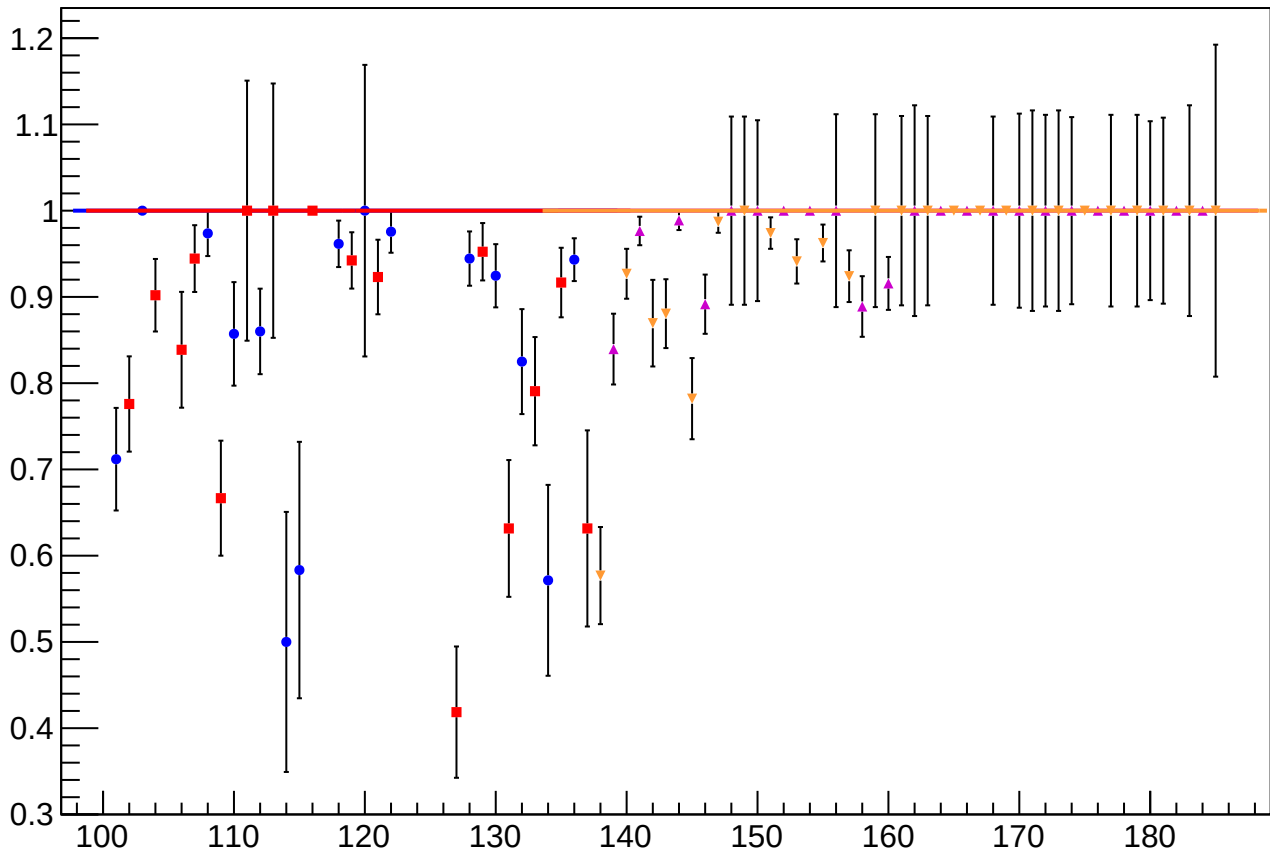
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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

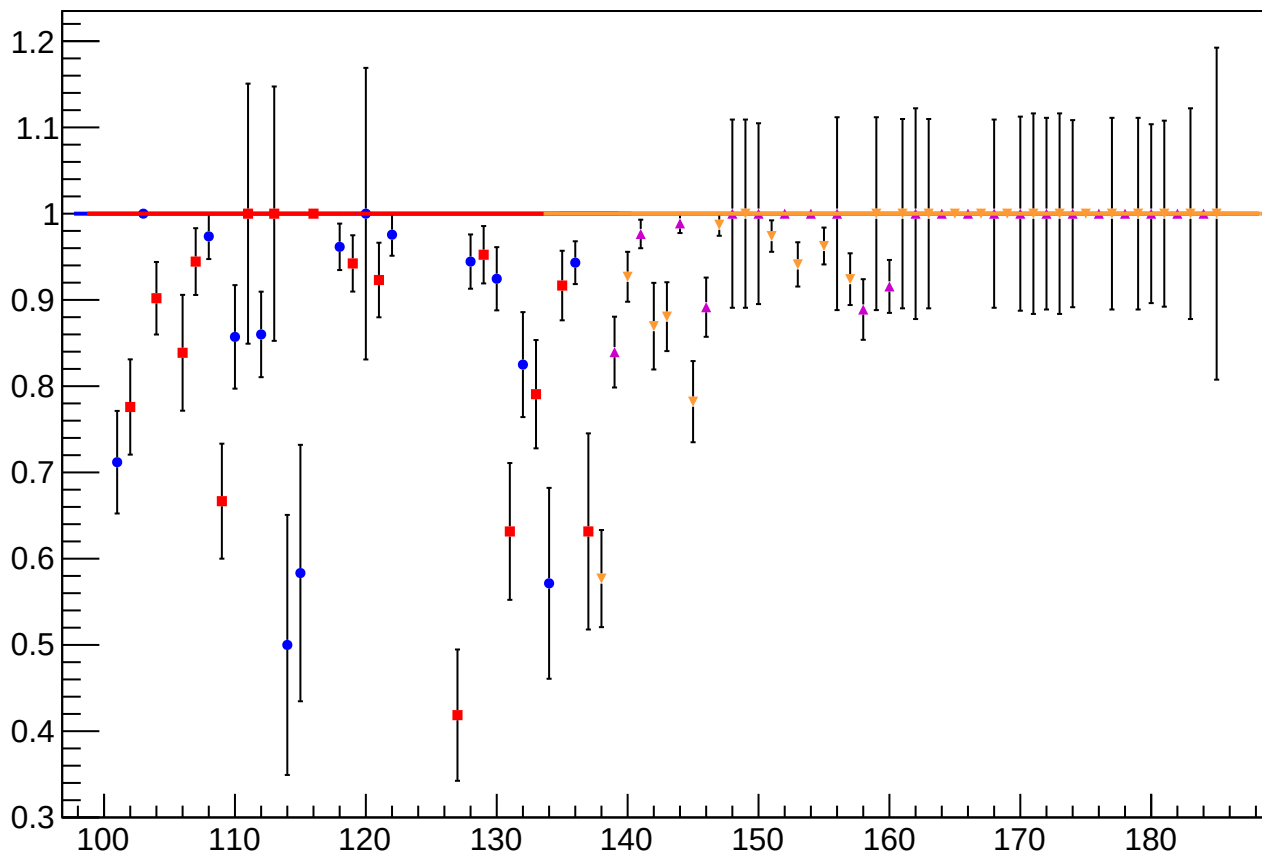
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ 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 $\pm$ 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

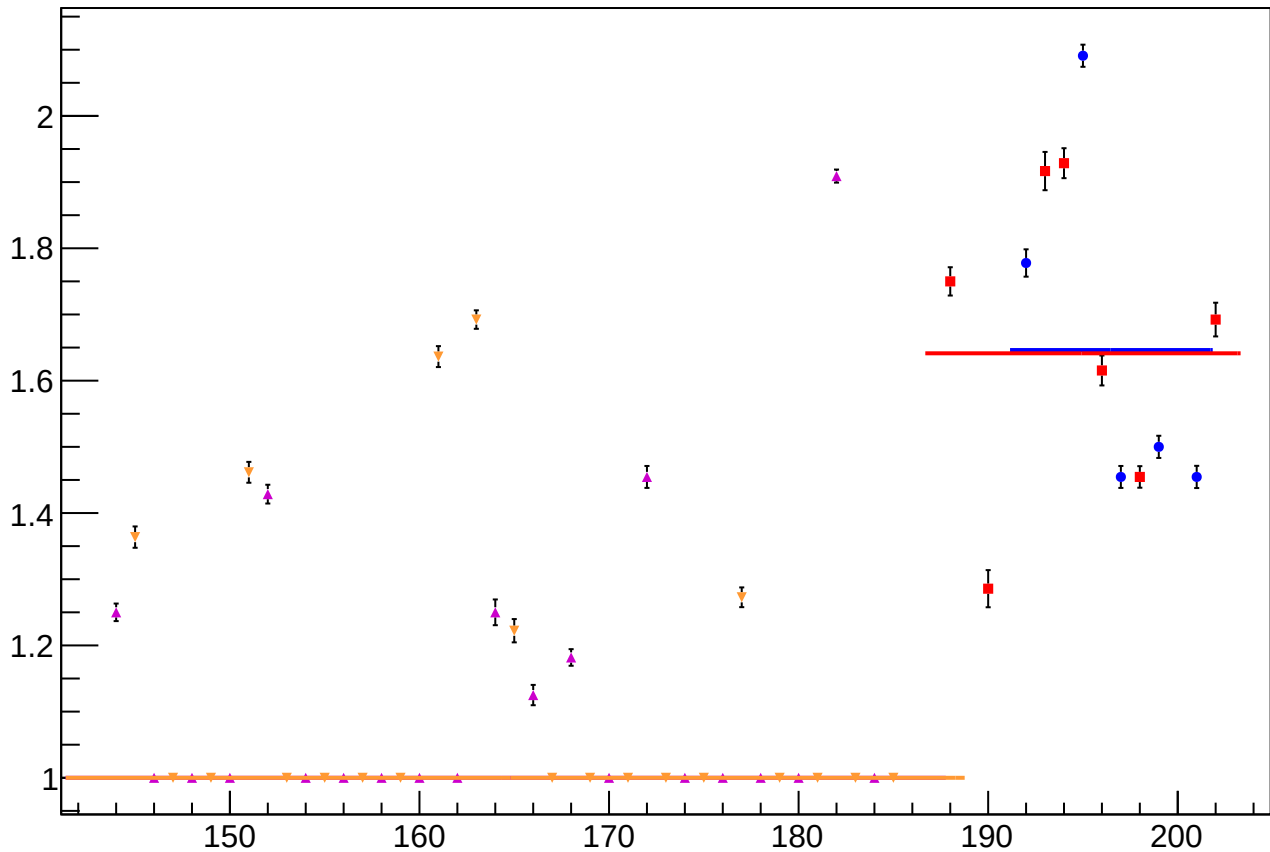
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ 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_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

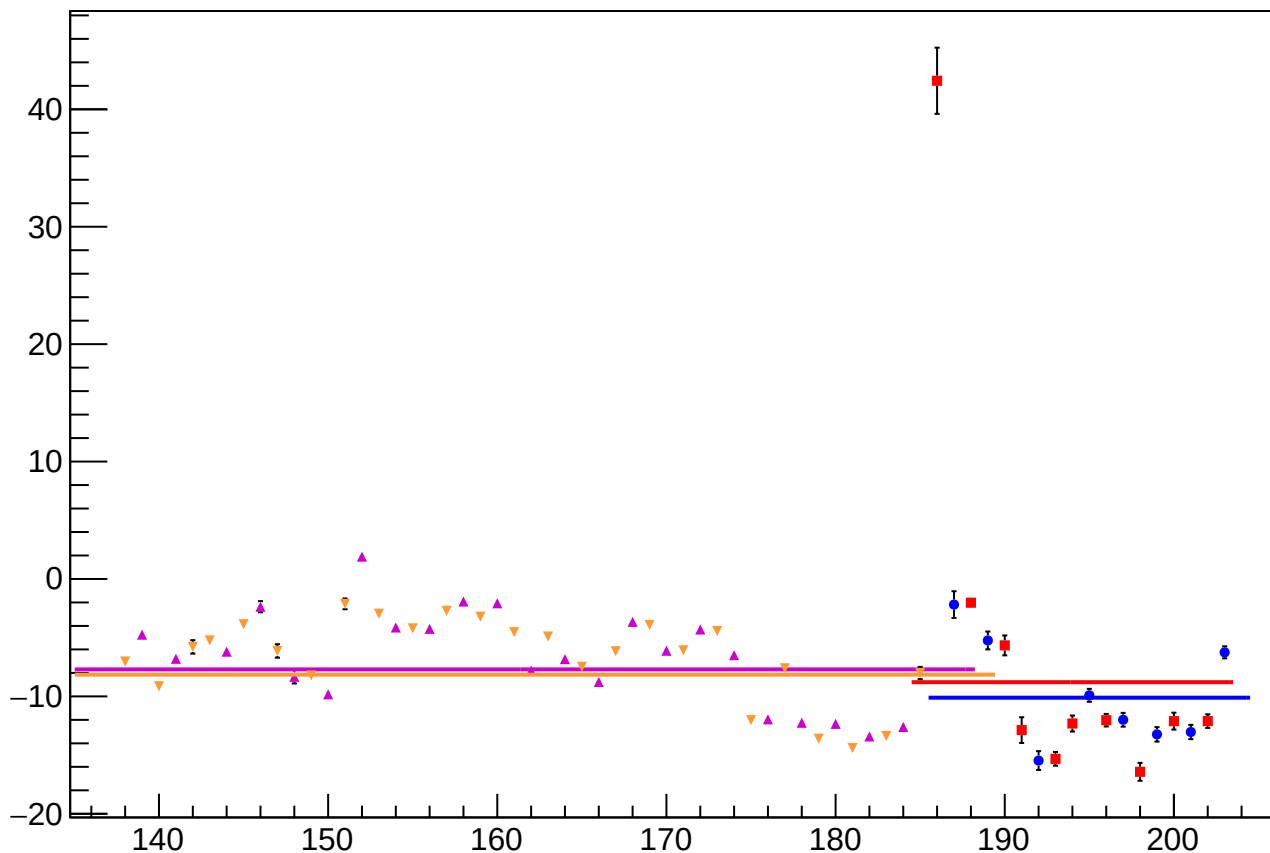
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:12089.0/20

+ 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: -8.792 ± 0.195 χ^2/NDF : 1106.4/9

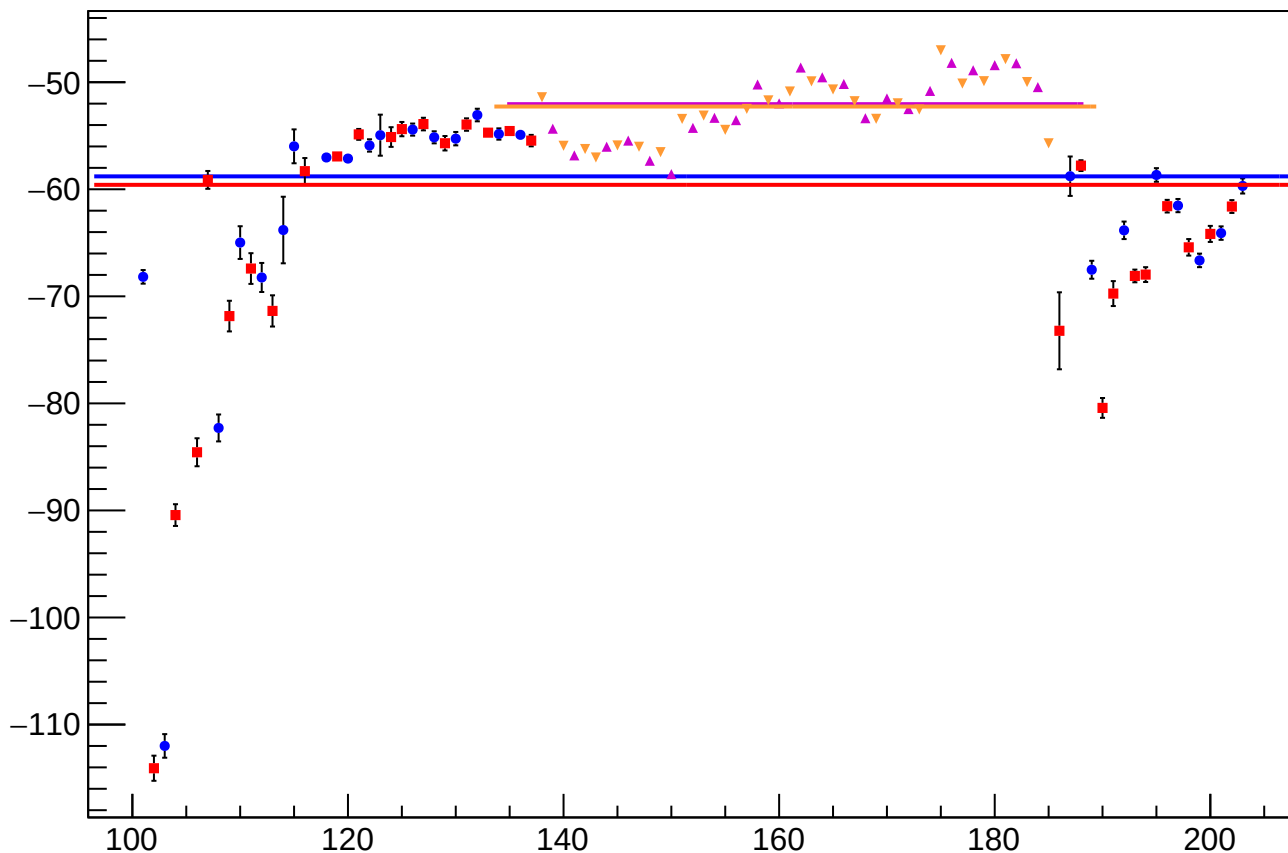
Left In: -7.701 ± 0.068 χ^2/NDF : 3737.2/22

+ sign -8.309 ± 0.065 χ^2/NDF : 3932.3/32

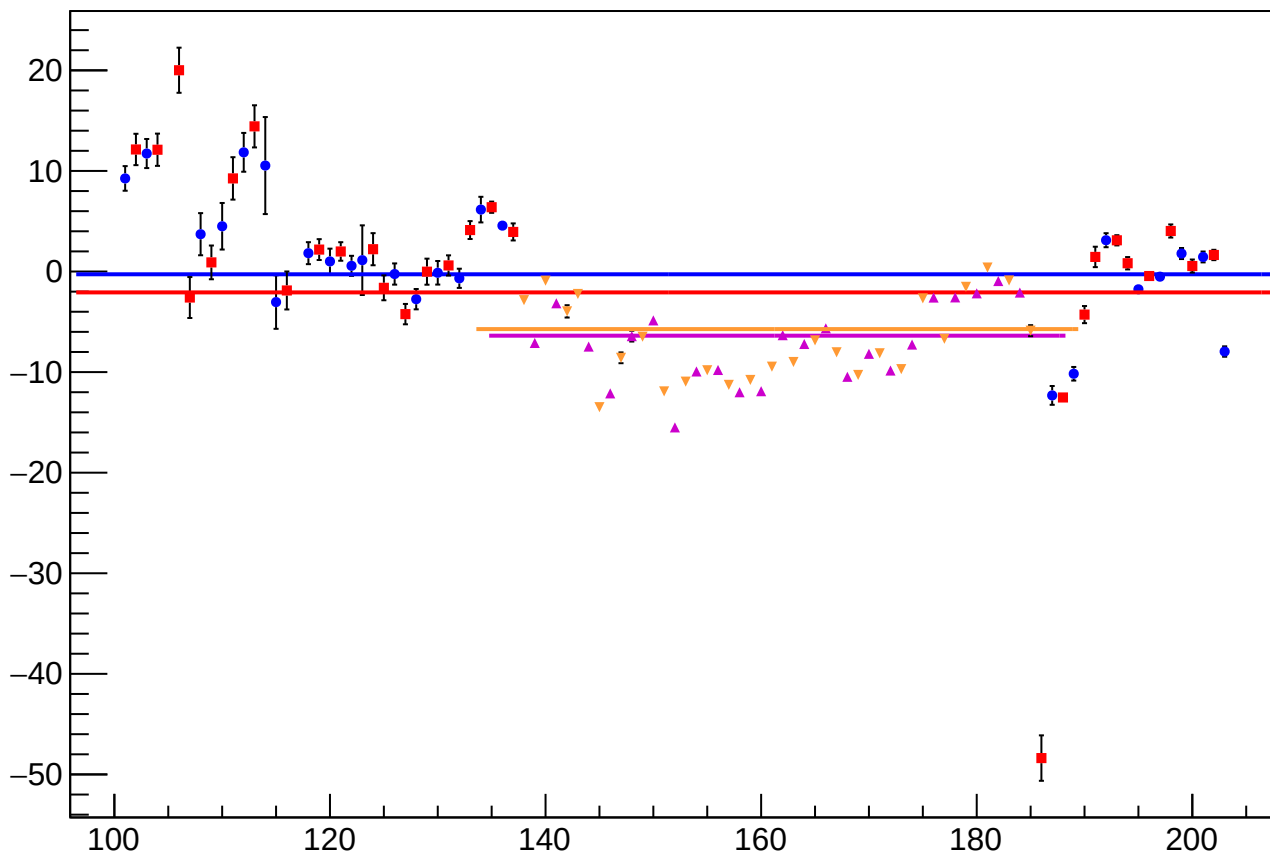
All: -8.064 ± 0.046 χ^2/NDF : 8832.2/65

- sign -7.821 ± 0.065 χ^2/NDF : 4871.6/32

reg_asym_sam1_diff_bpm4aY_slope vs Slug



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: -2.076 ± 0.142 χ^2/NDF : 2944.7/27

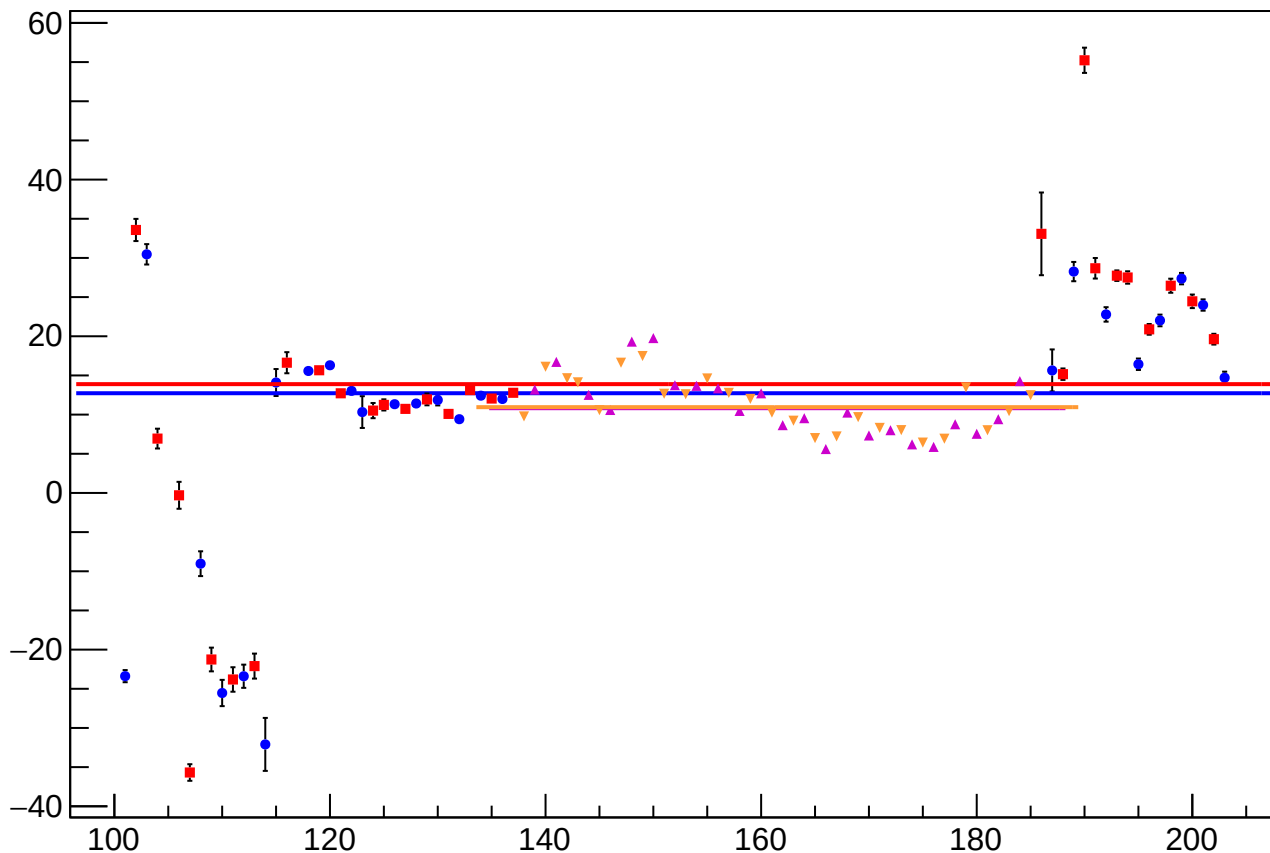
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -4.890 ± 0.062 χ^2/NDF : 6004.9/49

All: -5.233 ± 0.044 χ^2/NDF : 13154.3/100

- sign -5.567 ± 0.062 χ^2/NDF : 7089.5/50

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: 13.889+/-0.138 χ^2/NDF : 6307.6/27

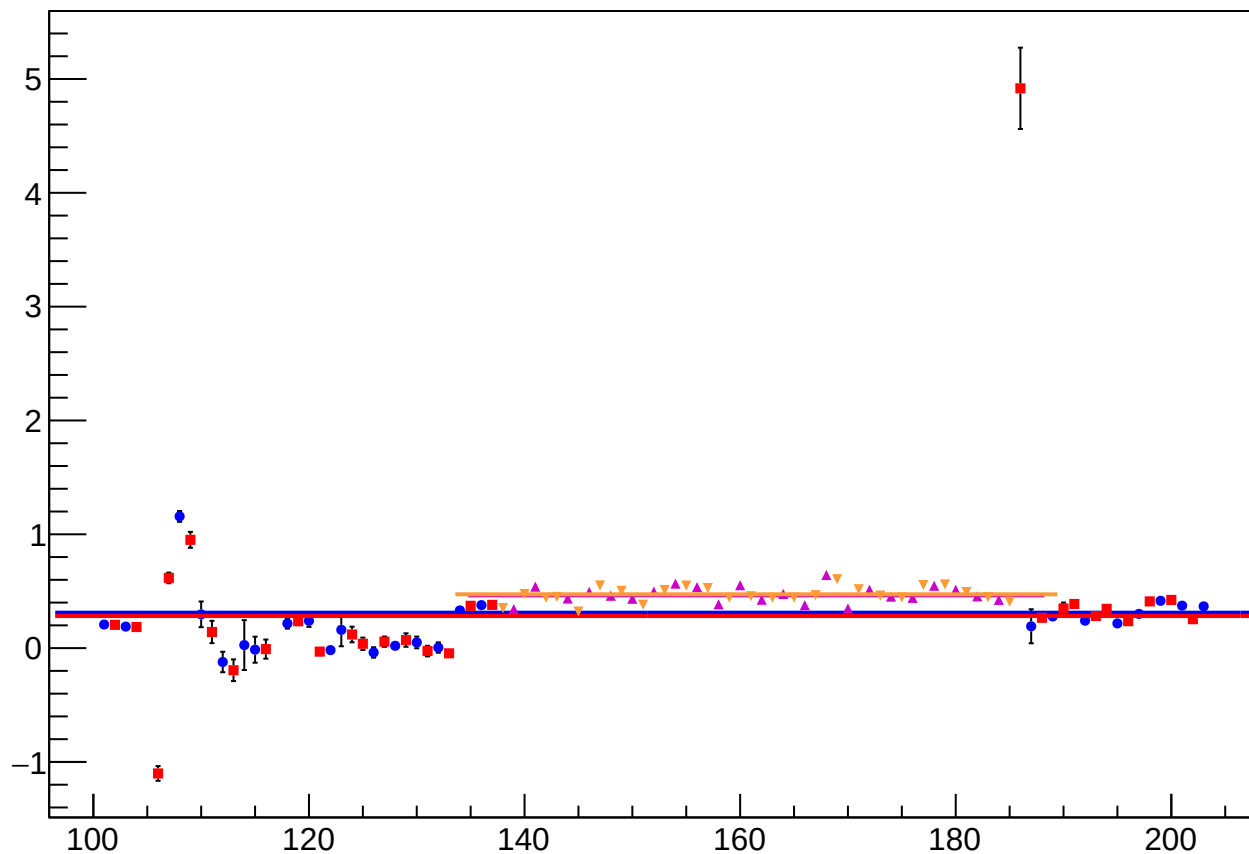
Left In: 10.818+/-0.063 χ^2/NDF : 3577.7/22

+ sign 11.242+/-0.056 χ^2/NDF : 7822.2/49

All: 11.294+/-0.040 χ^2/NDF : 18119.5/100

- sign 11.348+/-0.057 χ^2/NDF : 10295.5/50

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: 0.282 ± 0.006 χ^2/NDF : 1220.4/27

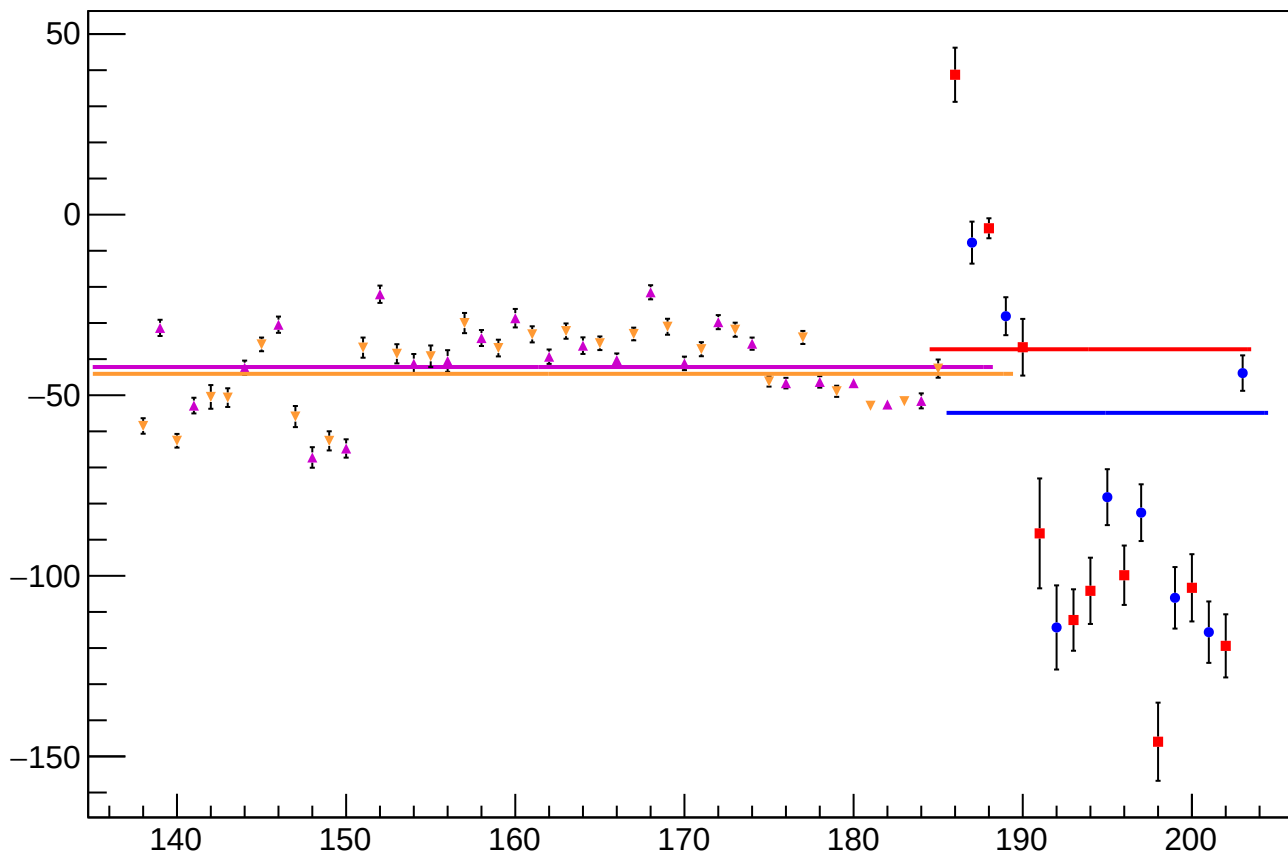
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.446 ± 0.003 χ^2/NDF : 1800.3/49

All: 0.438 ± 0.002 χ^2/NDF : 4544.6/100

- sign 0.431 ± 0.003 χ^2/NDF : 2728.5/50

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -54.879 ± 2.389 $\chi^2/\text{NDF}: 231.3/7$

Left Out: -44.074 ± 0.389 $\chi^2/\text{NDF}: 632.8/24$

Right Out: -37.273 ± 2.030 $\chi^2/\text{NDF}: 688.9/9$

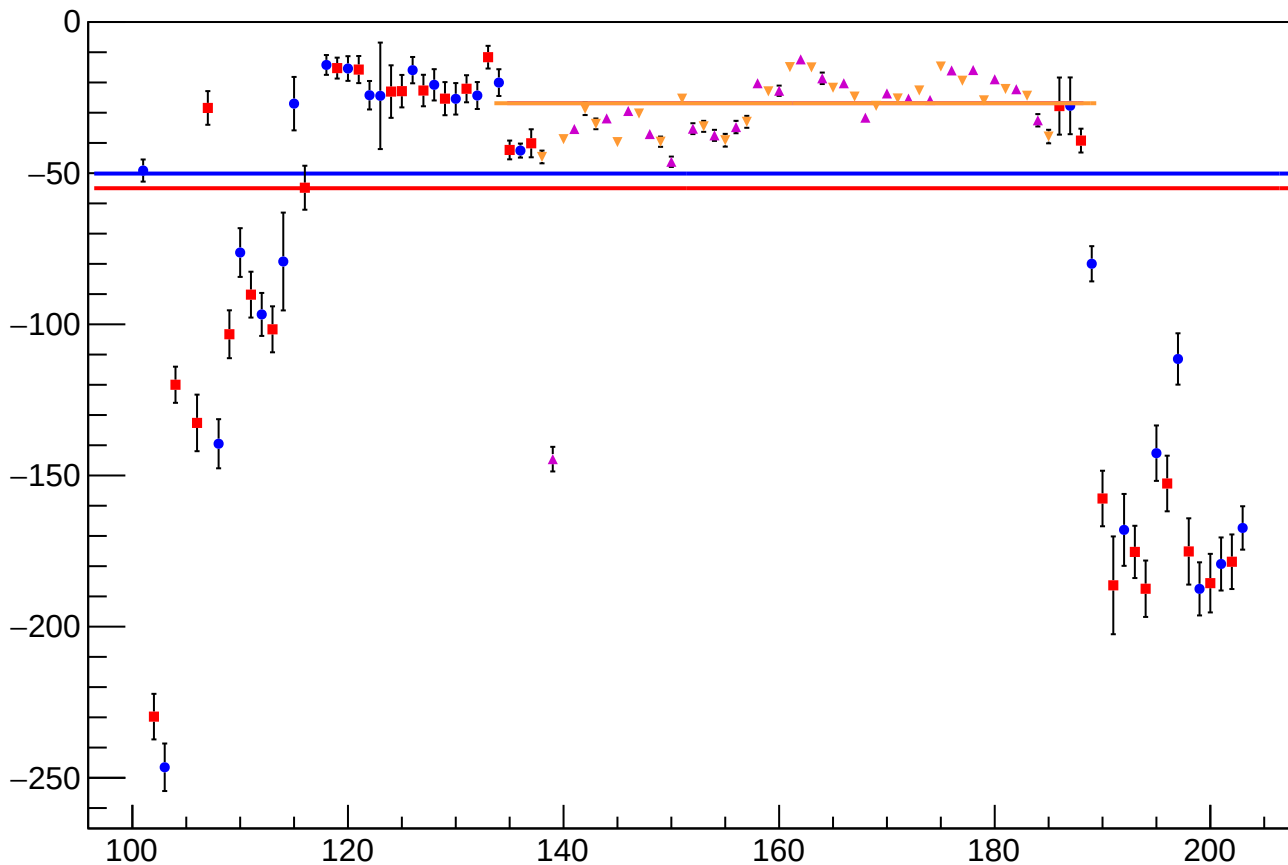
Left In: -42.185 ± 0.398 $\chi^2/\text{NDF}: 651.0/22$

+ sign -44.353 ± 0.384 $\chi^2/\text{NDF}: 884.0/32$

All: -43.196 ± 0.274 $\chi^2/\text{NDF}: 2248.0/65$

- sign -42.004 ± 0.390 $\chi^2/\text{NDF}: 1345.6/32$

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -50.127 ± 1.058 $\chi^2/\text{NDF}: 2252.7/24$

Left Out: -26.867 ± 0.317 $\chi^2/\text{NDF}: 629.1/24$

Right Out: -54.978 ± 1.091 $\chi^2/\text{NDF}: 2596.1/27$

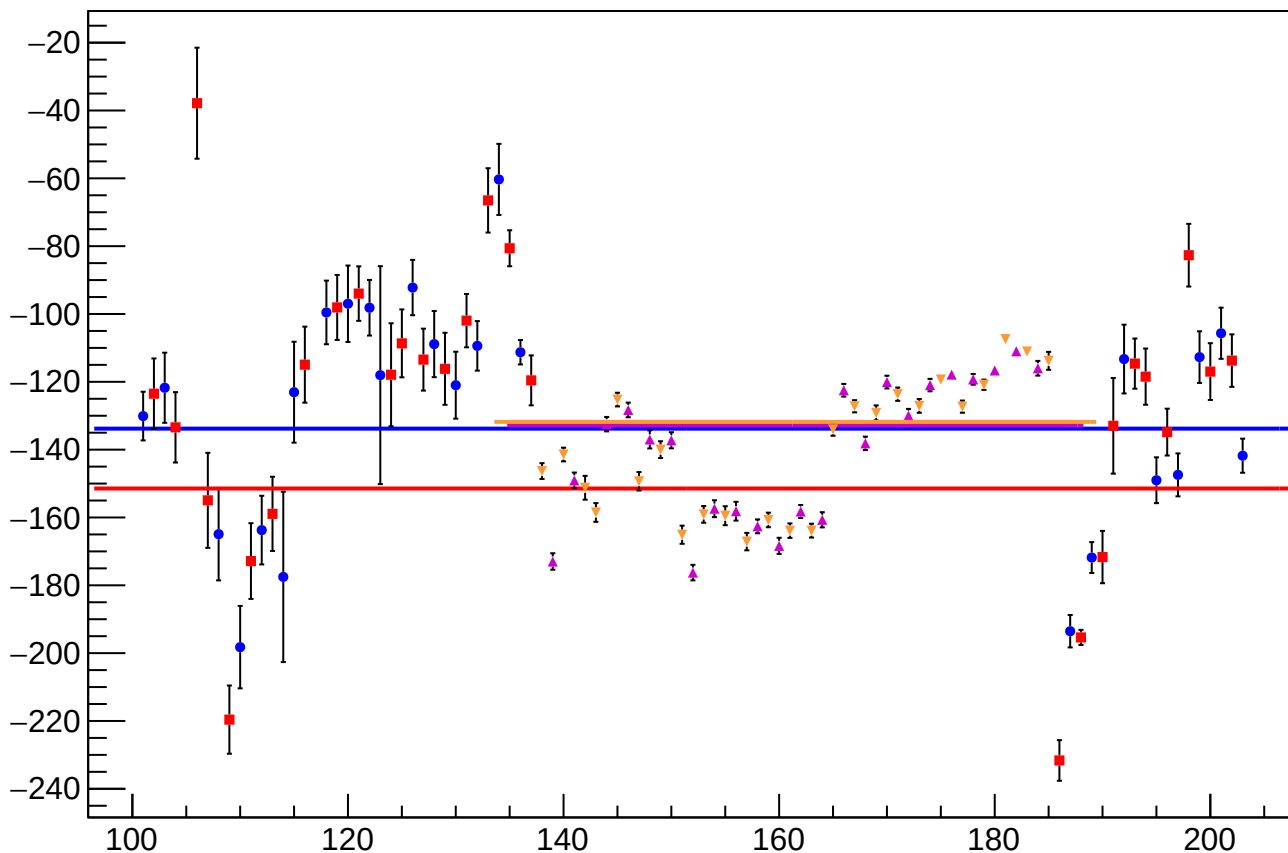
Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

+ sign -28.782 ± 0.304 $\chi^2/\text{NDF}: 3325.0/49$

All: -28.949 ± 0.218 $\chi^2/\text{NDF}: 8015.0/100$

- sign -29.126 ± 0.312 $\chi^2/\text{NDF}: 4689.3/50$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -133.804 ± 1.481 $\chi^2/\text{NDF}: 487.9/24$

Left Out: -131.805 ± 0.392 $\chi^2/\text{NDF}: 2417.0/24$

Right Out: -151.463 ± 1.346 $\chi^2/\text{NDF}: 1287.9/27$

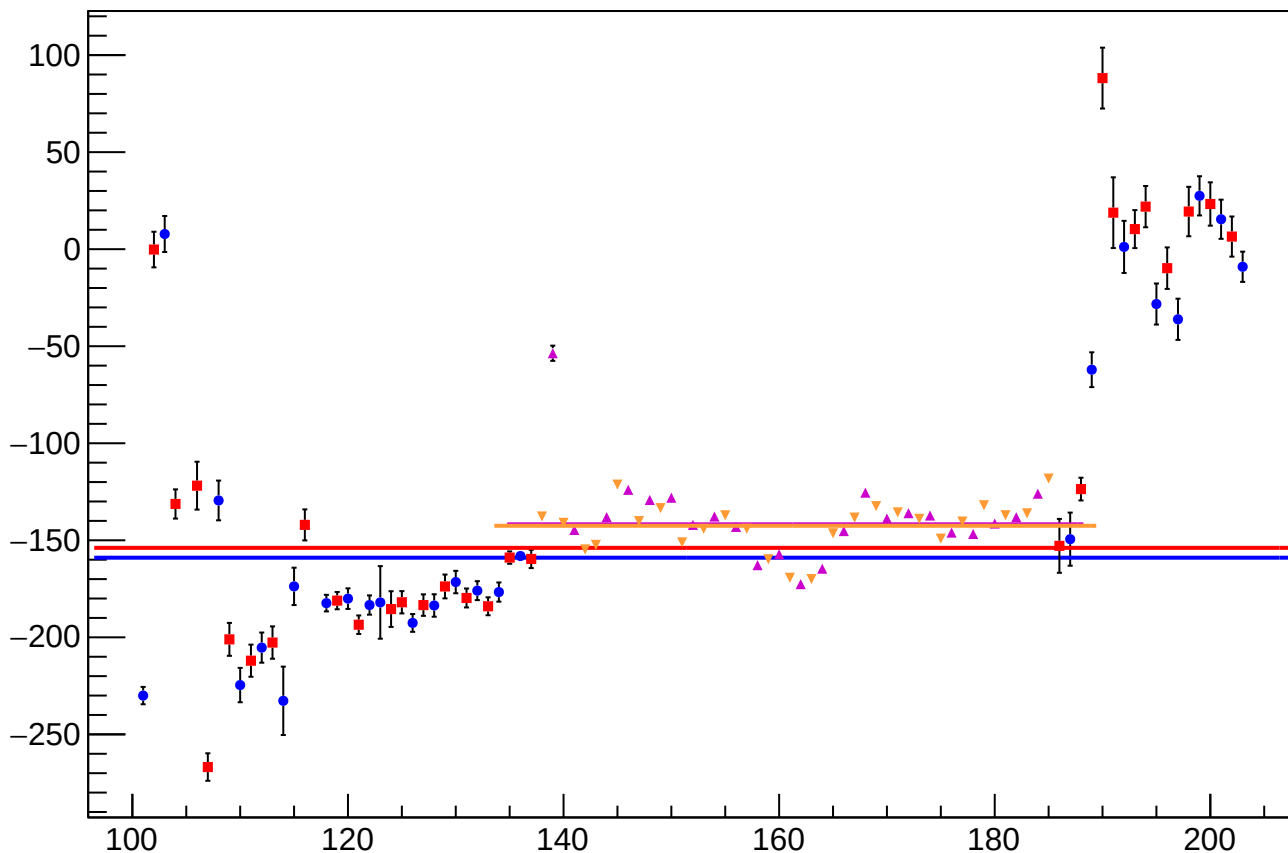
Left In: -132.799 ± 0.398 $\chi^2/\text{NDF}: 2515.9/22$

+ sign -131.936 ± 0.379 $\chi^2/\text{NDF}: 2906.6/49$

All: -133.109 ± 0.269 $\chi^2/\text{NDF}: 6906.4/100$

- sign -134.299 ± 0.382 $\chi^2/\text{NDF}: 3980.5/50$

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: -153.891 ± 1.254 χ^2/NDF : 2690.6/27

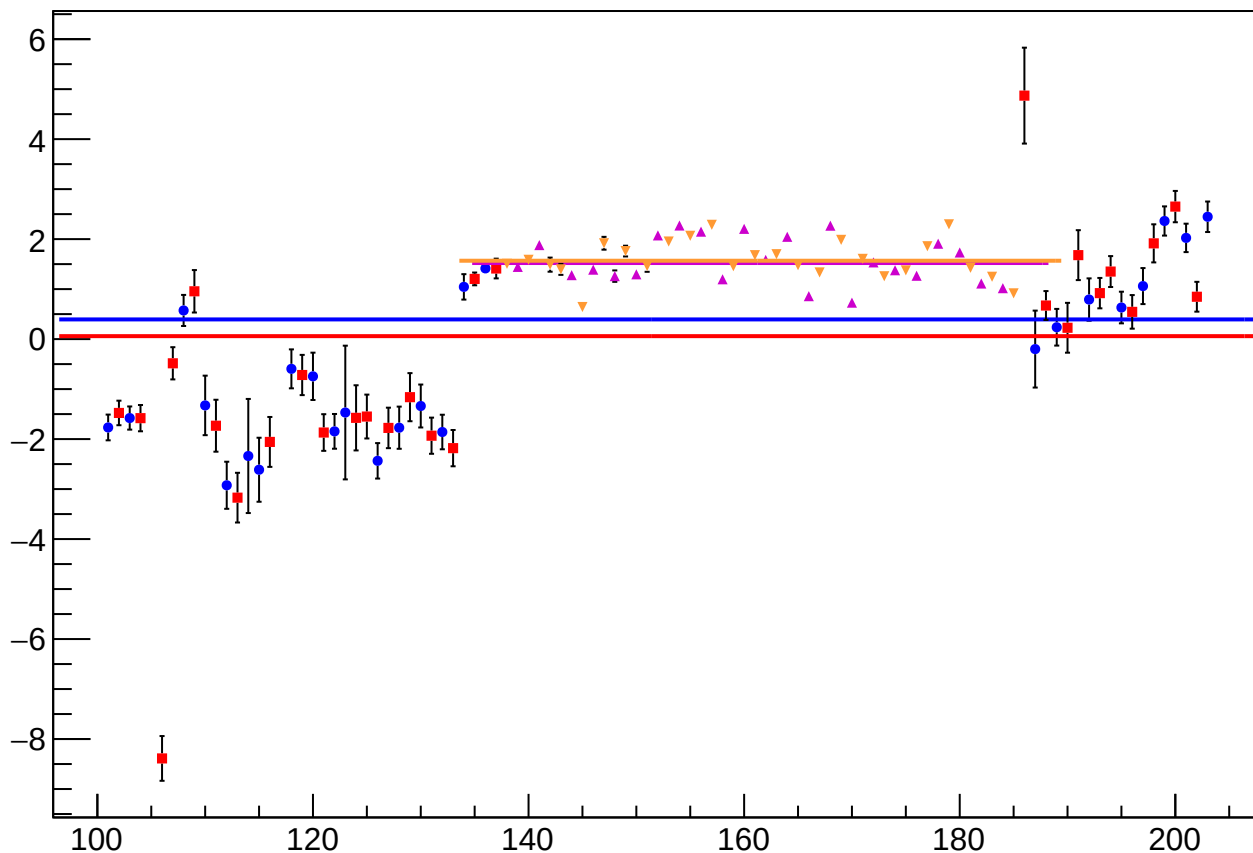
Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

+ sign -143.848 ± 0.340 χ^2/NDF : 3741.0/49

All: -143.290 ± 0.243 χ^2/NDF : 8127.8/100

- sign -142.705 ± 0.348 χ^2/NDF : 4381.3/50

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.394 ± 0.059 χ^2/NDF : 679.3/24

Left Out: 1.568 ± 0.016 χ^2/NDF : 541.0/24

Right Out: 0.059 ± 0.060 χ^2/NDF : 954.6/27

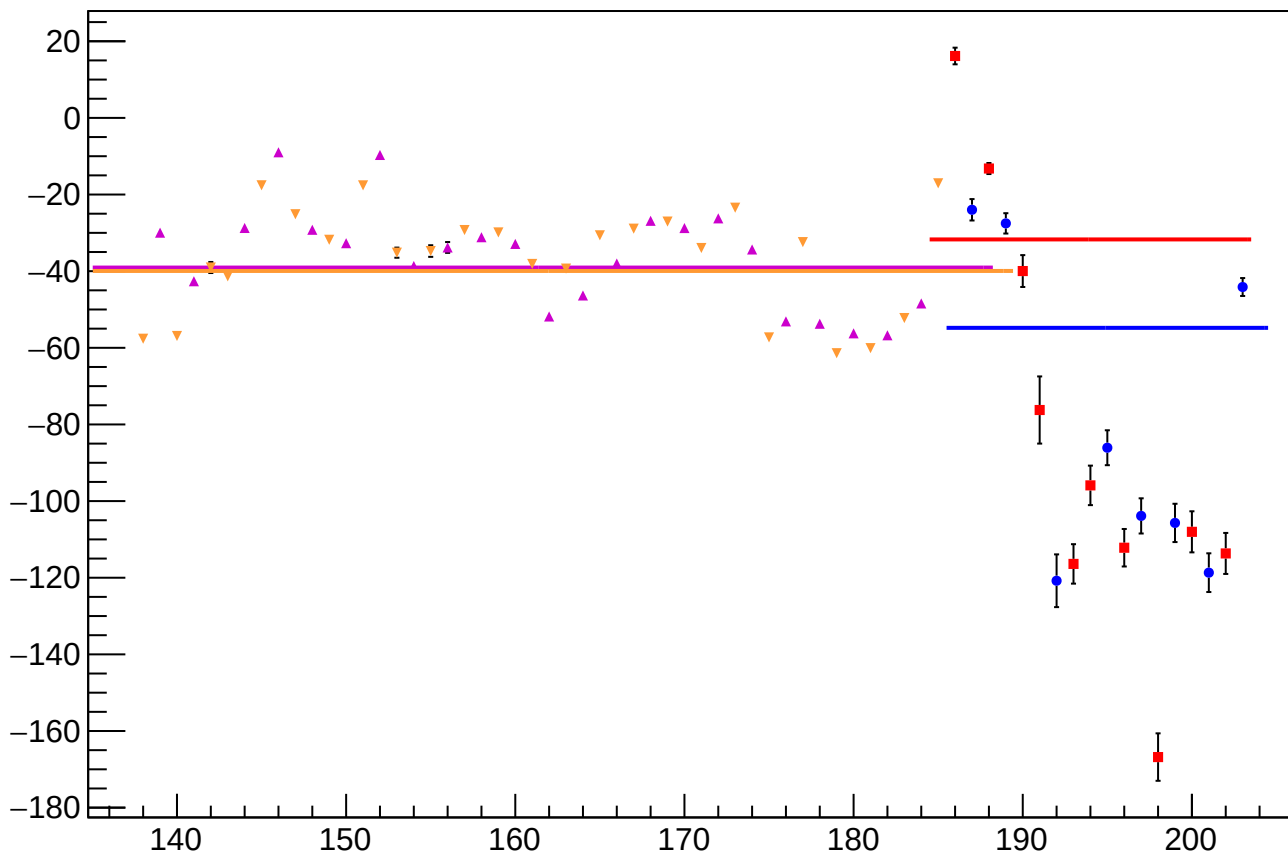
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ sign 1.485 ± 0.016 χ^2/NDF : 1591.9/49

All: 1.453 ± 0.011 χ^2/NDF : 3844.4/100

- sign 1.420 ± 0.016 χ^2/NDF : 2244.1/50

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: -31.715 ± 1.011 χ^2/NDF : 2289.9/9

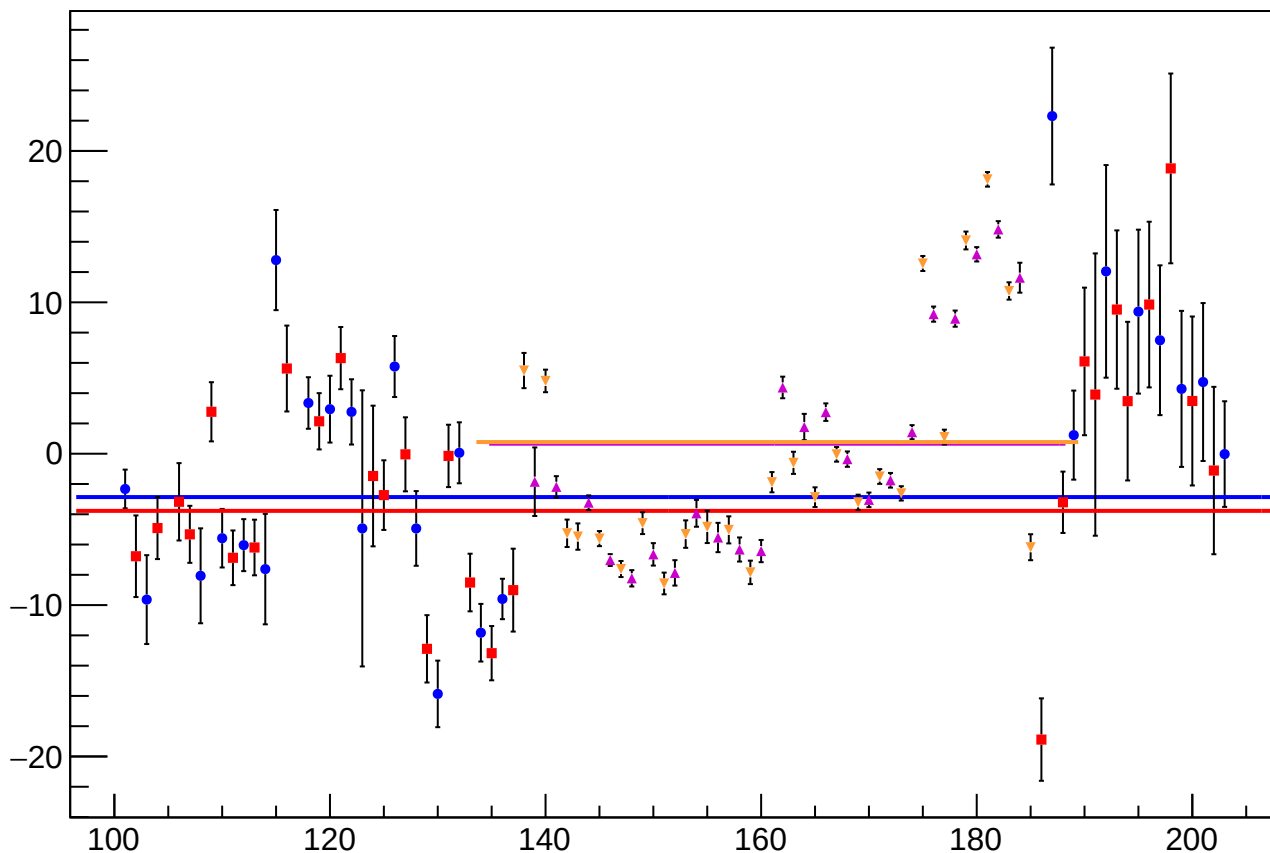
Left In: -39.060 ± 0.154 χ^2/NDF : 8577.0/22

+ sign -40.165 ± 0.152 χ^2/NDF : 10712.2/32

All: -39.529 ± 0.108 χ^2/NDF : 21665.5/65

- sign -38.894 ± 0.152 χ^2/NDF : 10918.5/32

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: -3.776 ± 0.471 $\chi^2/\text{NDF}: 188.6/27$

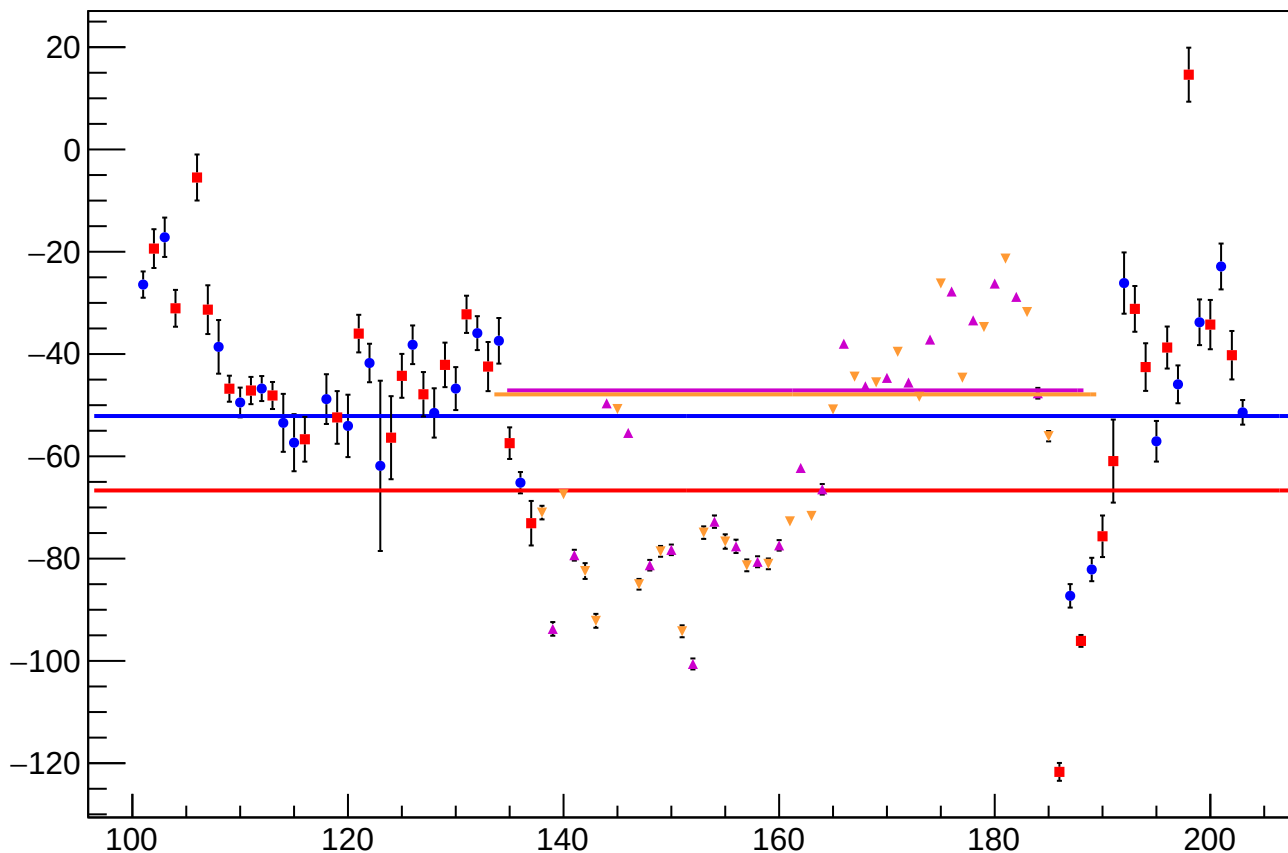
Left In: 0.662 ± 0.124 $\chi^2/\text{NDF}: 3340.9/22$

+ sign 0.534 ± 0.120 $\chi^2/\text{NDF}: 4228.7/49$

All: 0.454 ± 0.085 $\chi^2/\text{NDF}: 7842.2/100$

- sign 0.374 ± 0.120 $\chi^2/\text{NDF}: 3612.6/50$

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: -66.674 $\pm$ 0.606 χ^2 /NDF: 3038.3/27

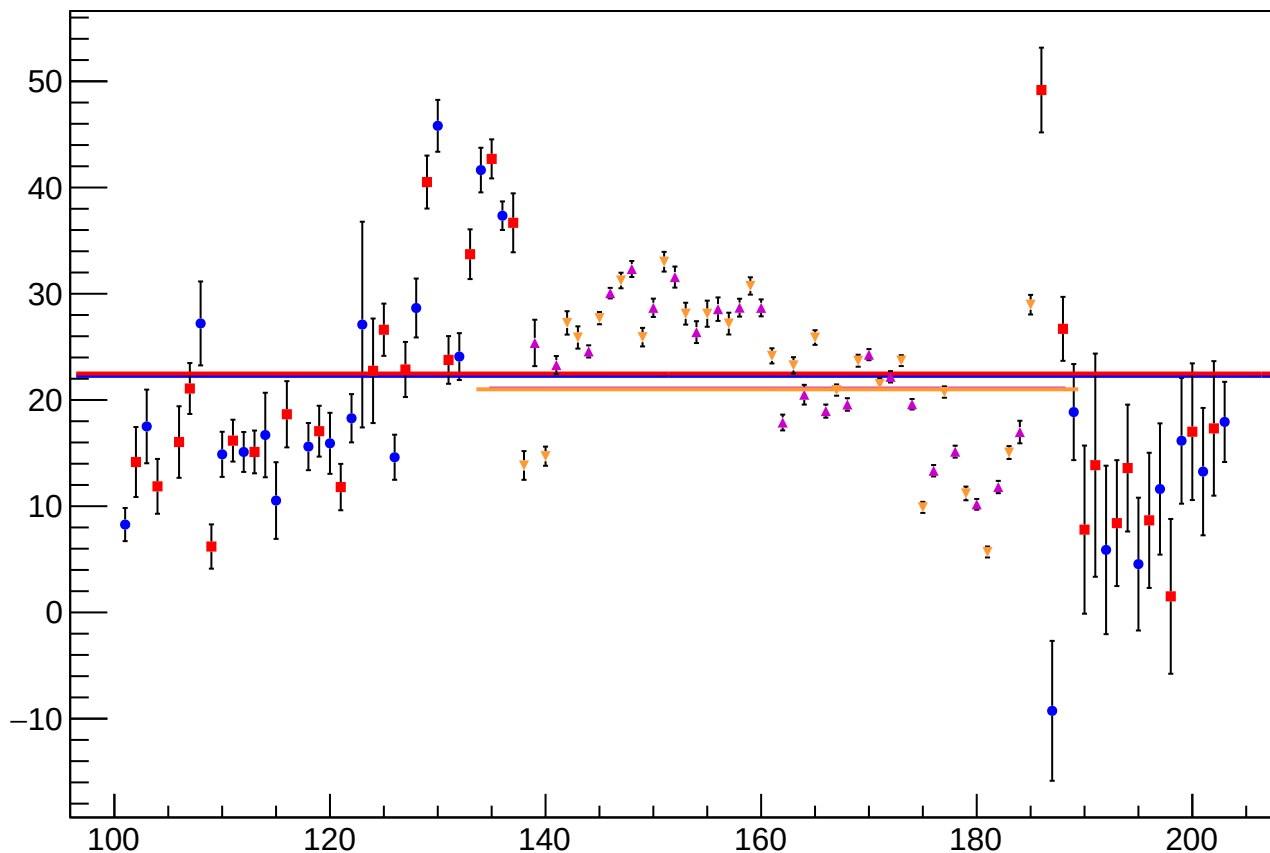
Left In: -47.112 $\pm$ 0.155 χ^2 /NDF:15654.8/22

+ sign -48.092 $\pm$ 0.151 χ^2 /NDF: 17525.8/49

All: -48.201 $\pm$ 0.106 χ^2 /NDF: 37197.3/100

- sign -48.308 $\pm$ 0.150 χ^2 /NDF: 19670.5/50

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: 22.490 $\pm$ 0.543 χ^2 /NDF: 441.1/27

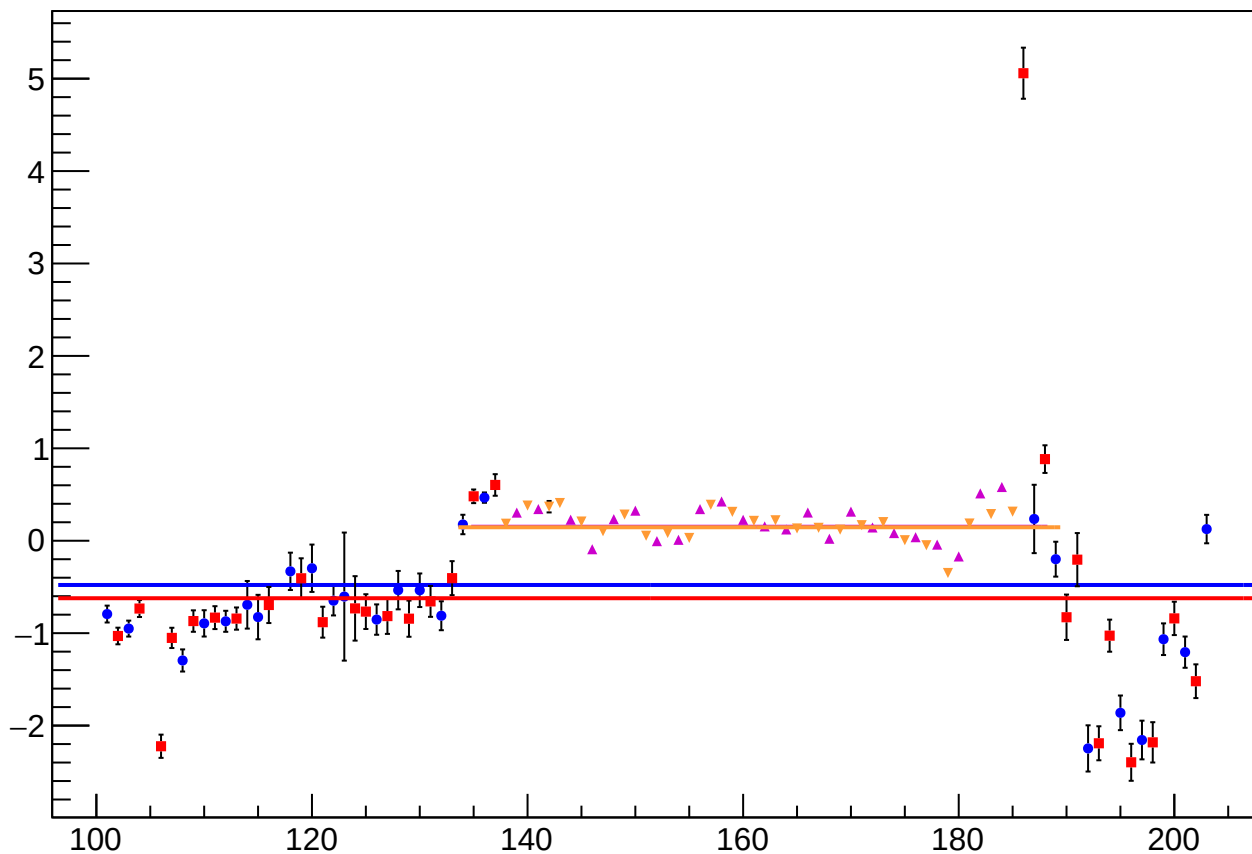
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF:2176.7/22

+ sign 21.085 $\pm$ 0.134 χ^2 /NDF: 3301.5/49

All: 21.121 $\pm$ 0.095 χ^2 /NDF: 5925.9/100

- sign 21.157 $\pm$ 0.135 χ^2 /NDF: 2624.3/50

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: -0.622 ± 0.027 χ^2/NDF : 1312.5/27

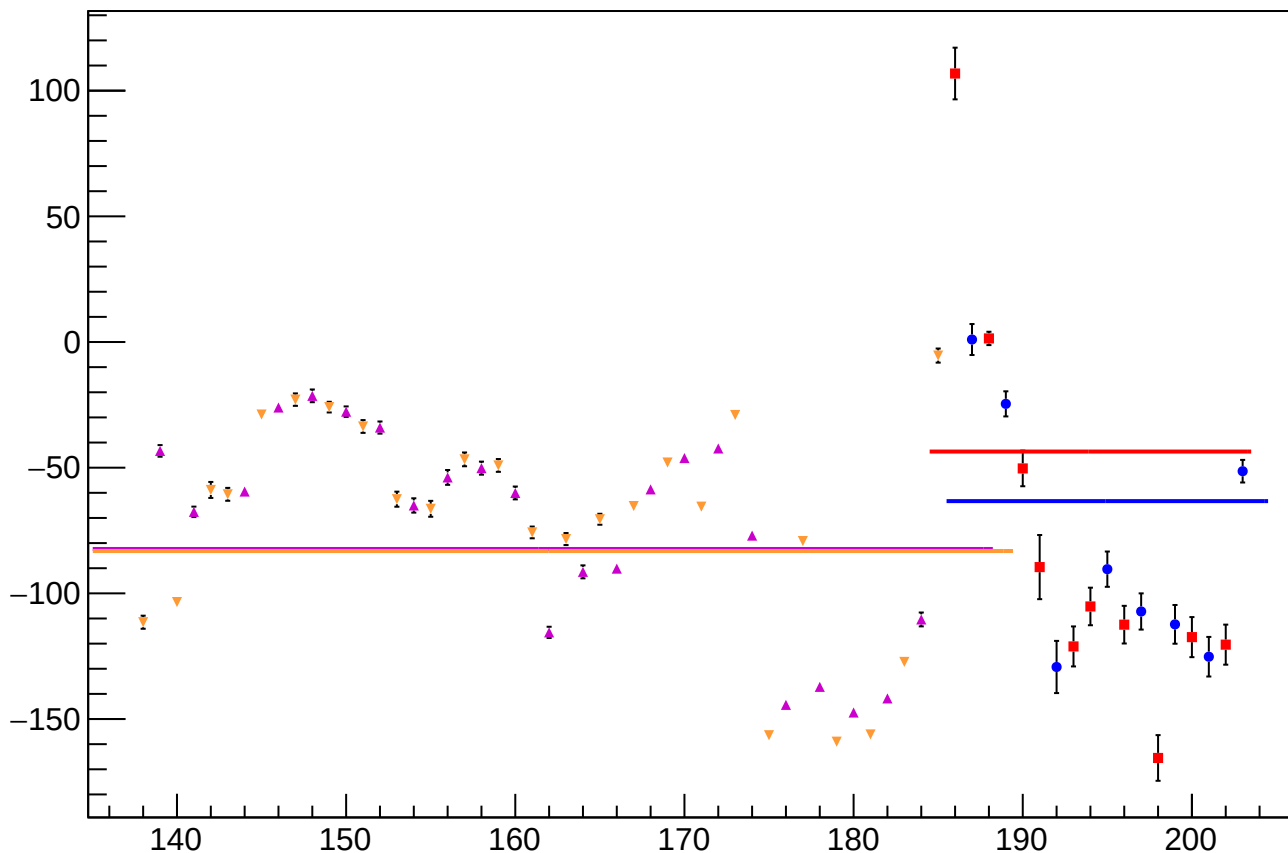
Left In: 0.151 ± 0.006 χ^2/NDF : 873.9/22

+ sign 0.115 ± 0.006 χ^2/NDF : 1767.7/49

All: 0.113 ± 0.004 χ^2/NDF : 4719.5/100

- sign 0.111 ± 0.006 χ^2/NDF : 2951.6/50

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: -43.581 ± 1.915 χ^2/NDF : 1121.7/9

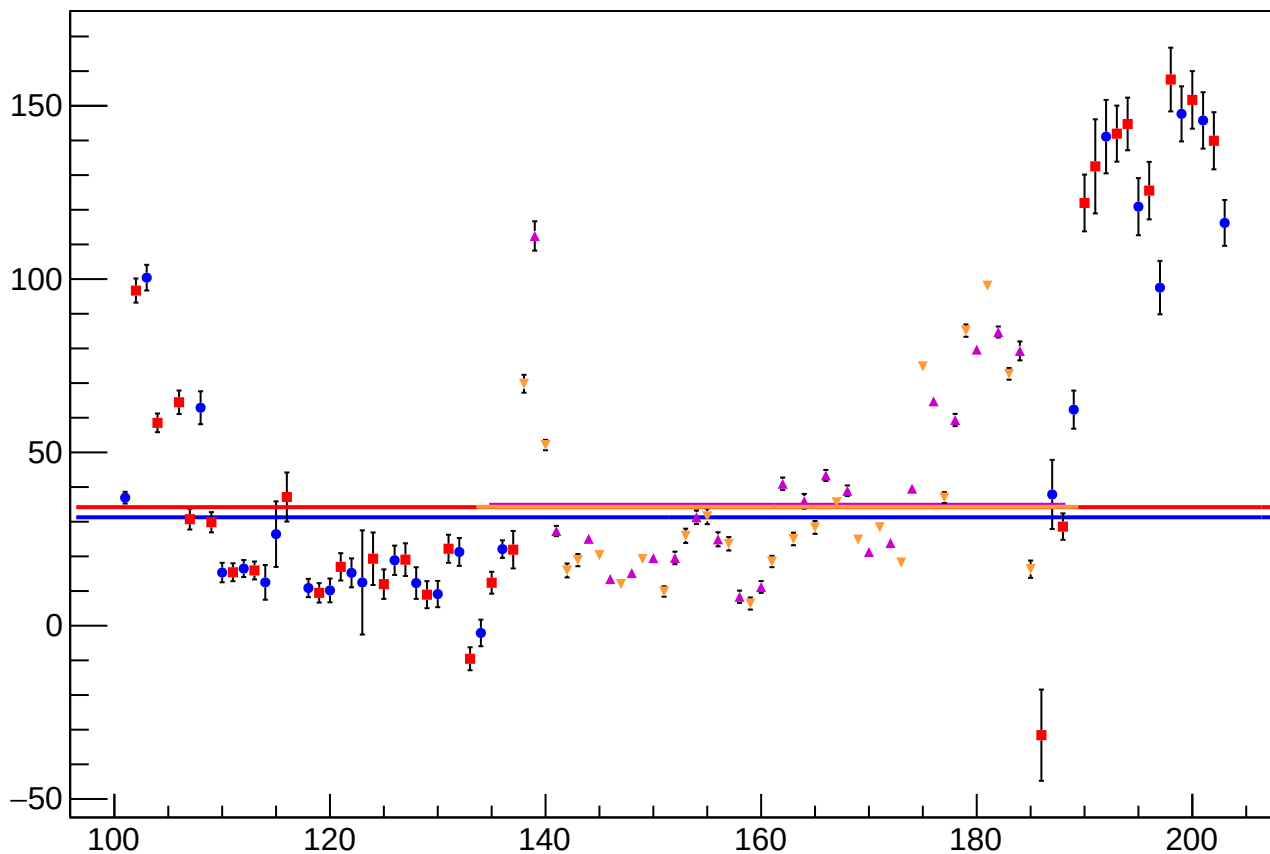
Left In: -82.342 ± 0.413 χ^2/NDF : 10954.9/22

+ sign -82.533 ± 0.401 χ^2/NDF : 14240.3/32

All: -81.584 ± 0.284 χ^2/NDF : 26719.8/65

- sign -80.620 ± 0.404 χ^2/NDF : 12468.1/32

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: 34.199 ± 0.767 $\chi^2/\text{NDF}: 2254.4/27$

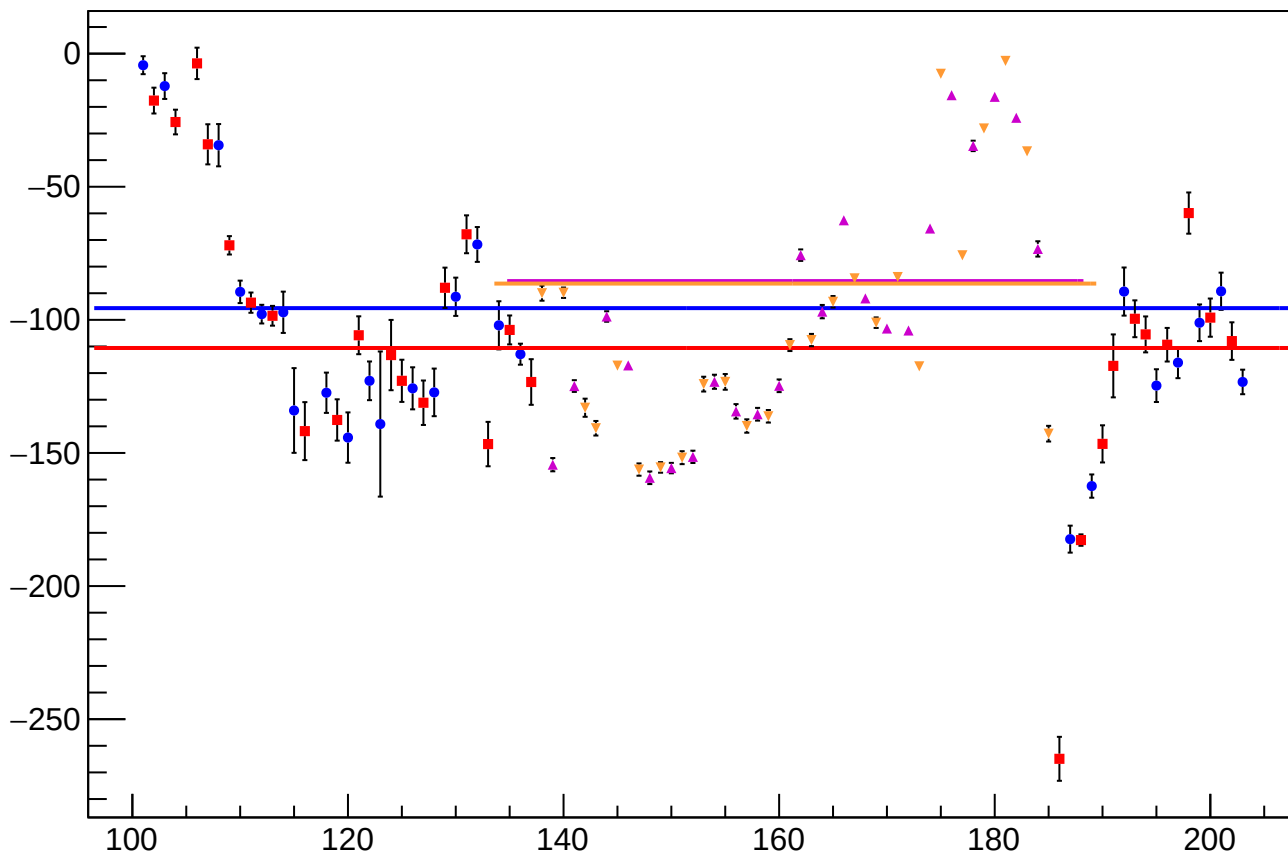
Left In: 34.893 ± 0.328 $\chi^2/\text{NDF}: 4754.6/22$

+ sign 33.855 ± 0.296 $\chi^2/\text{NDF}: 7842.2/49$

All: 34.312 ± 0.211 $\chi^2/\text{NDF}: 14856.7/100$

- sign 34.786 ± 0.302 $\chi^2/\text{NDF}: 7009.7/50$

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: -110.569 ± 1.040 $\chi^2/\text{NDF}: 2943.1/27$

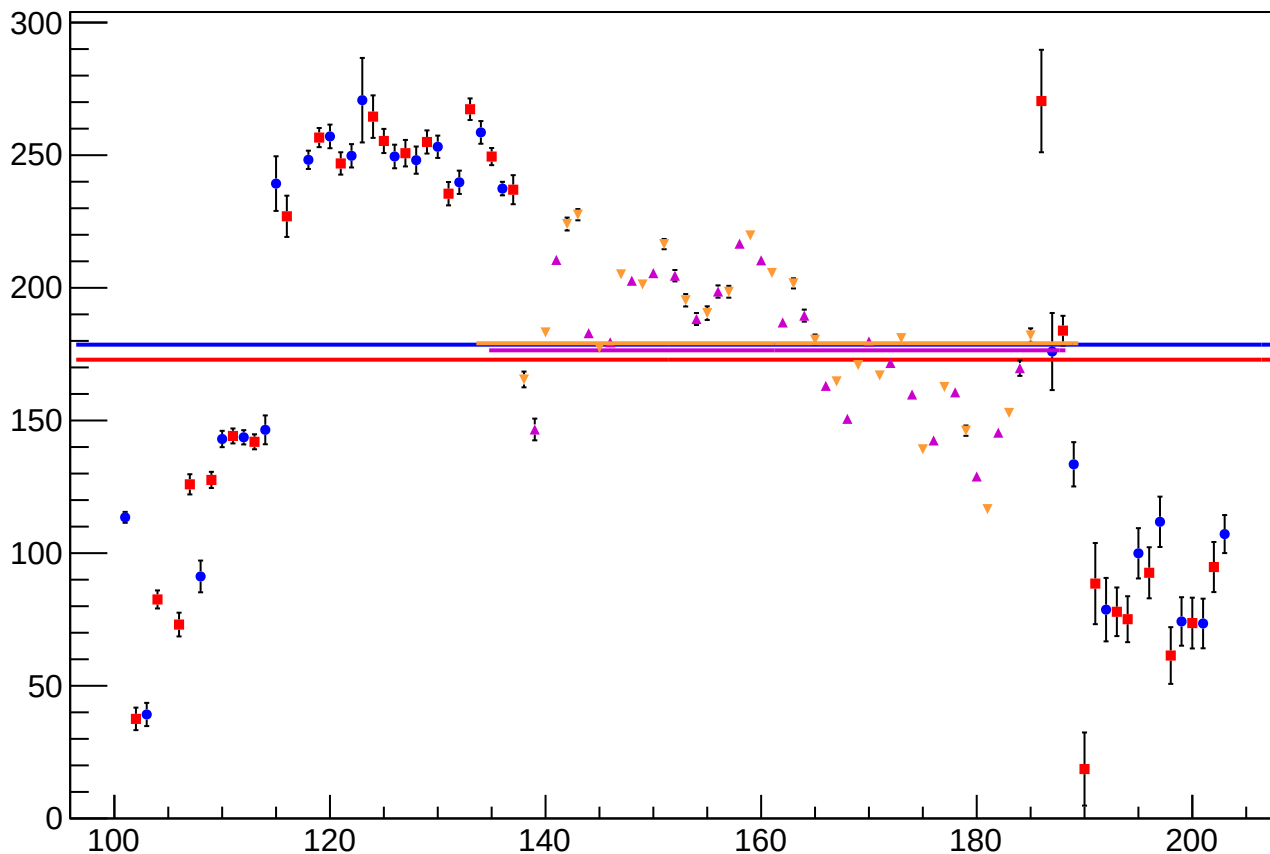
Left In: -85.441 ± 0.413 $\chi^2/\text{NDF}: 12998.9/22$

+ sign -87.404 ± 0.386 $\chi^2/\text{NDF}: 16312.0/49$

All: -88.138 ± 0.272 $\chi^2/\text{NDF}: 32765.4/100$

- sign -88.866 ± 0.384 $\chi^2/\text{NDF}: 16446.2/50$

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: 172.917 $\pm$ 0.885 χ^2 /NDF: 6978.5/27

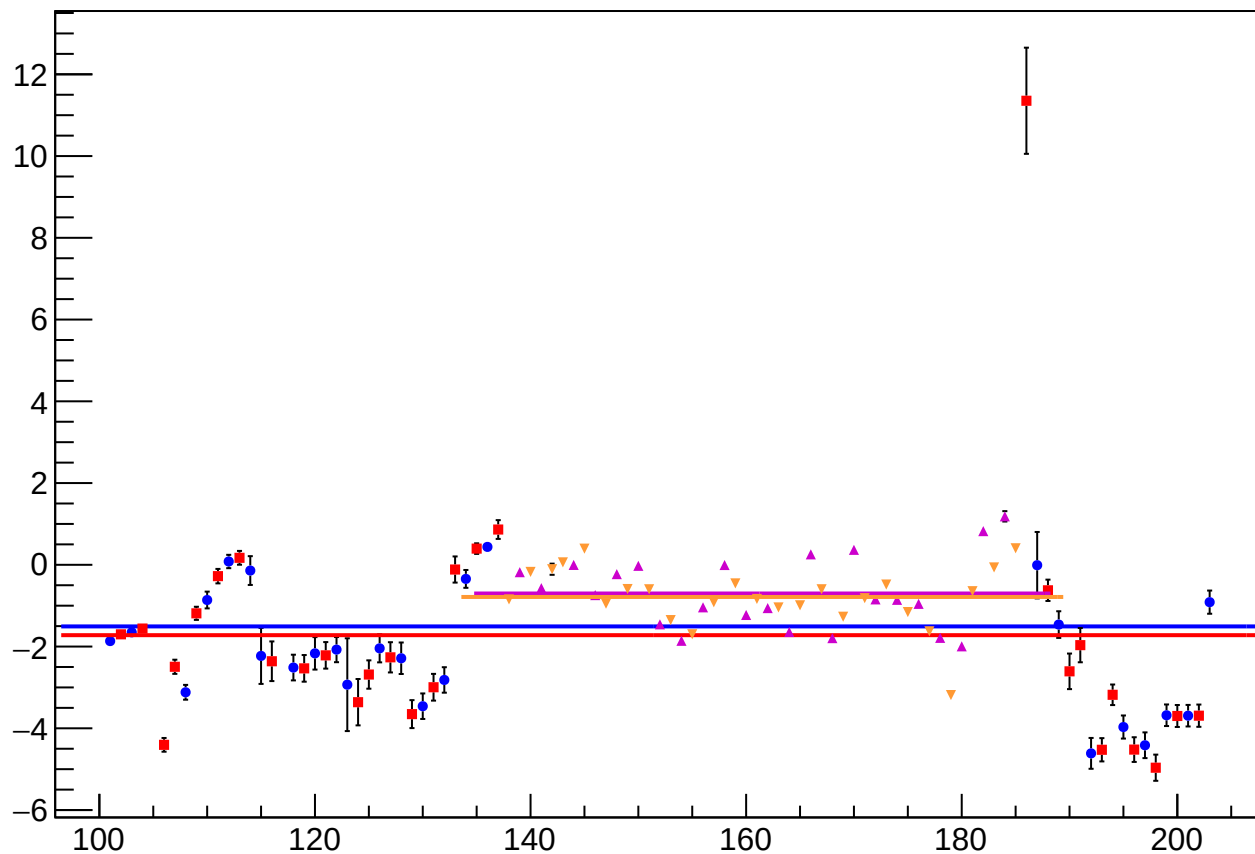
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ sign 179.032 $\pm$ 0.335 χ^2 /NDF: 11890.8/49

All: 177.505 $\pm$ 0.239 χ^2 /NDF: 23367.2/100

- sign 175.924 $\pm$ 0.341 χ^2 /NDF: 11434.2/50

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: -1.722 +/- 0.042 χ^2/NDF : 1524.1/27

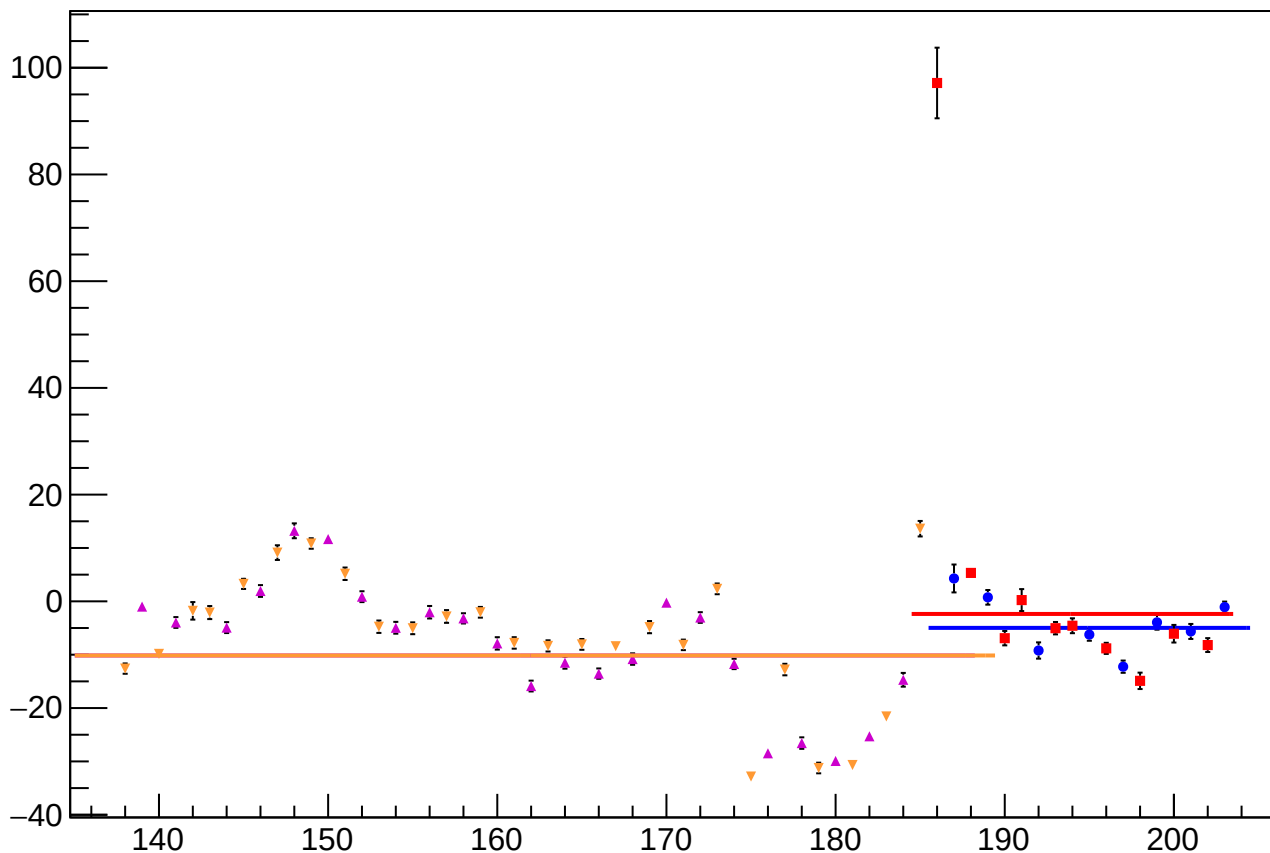
Left In: -0.702 +/- 0.017 χ^2/NDF : 2421.3/22

+ sign -0.876 +/- 0.016 χ^2/NDF : 3032.6/49

All: -0.861 +/- 0.011 χ^2/NDF : 7493.0/100

- sign -0.845 +/- 0.016 χ^2/NDF : 4458.3/50

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: -2.364 ± 0.383 χ^2/NDF : 521.2/9

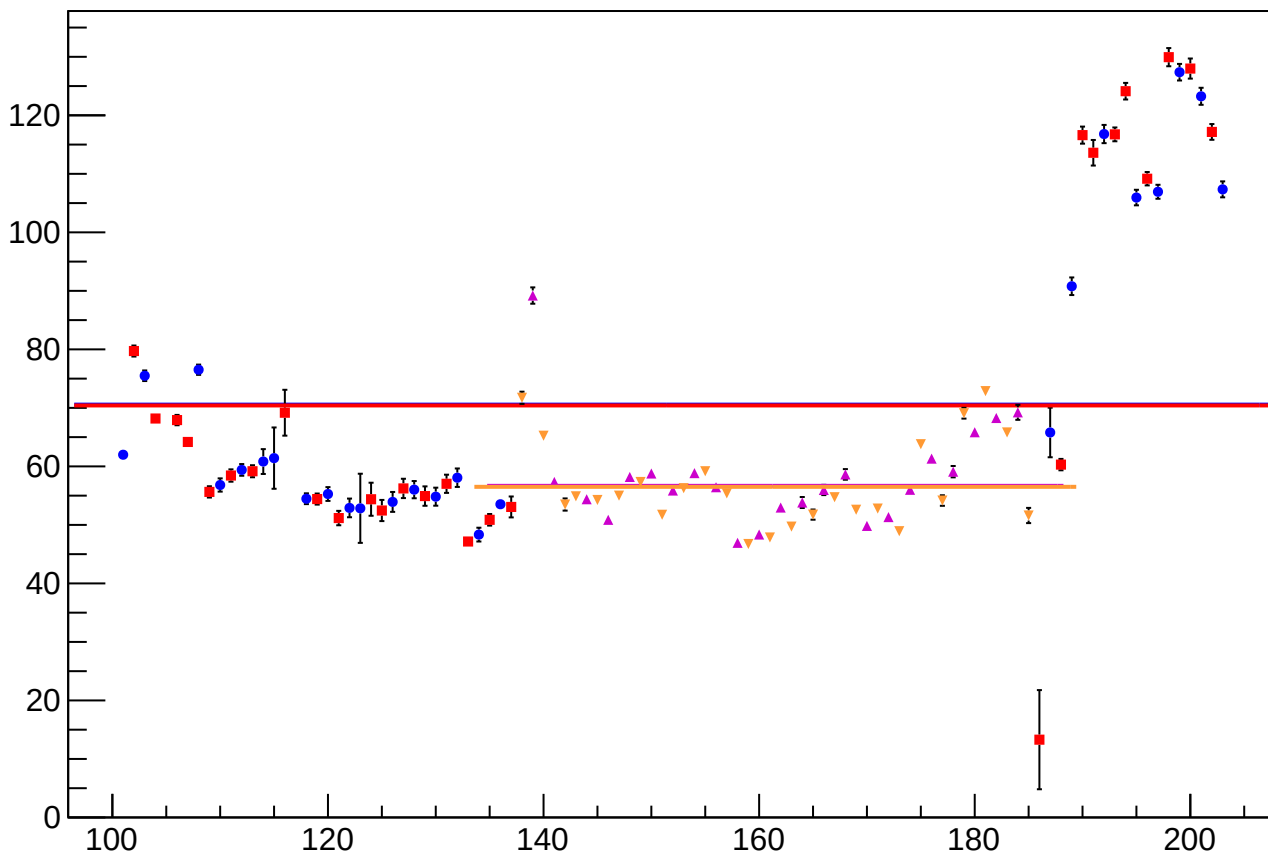
Left In: -10.149 ± 0.204 χ^2/NDF : 3491.7/22

+ sign -9.332 ± 0.185 χ^2/NDF : 4326.3/32

All: -8.869 ± 0.129 χ^2/NDF : 8673.1/65

- sign -8.431 ± 0.180 χ^2/NDF : 4334.6/32

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: 70.415 $\pm$ 0.218 χ^2 /NDF: 12727.7/27

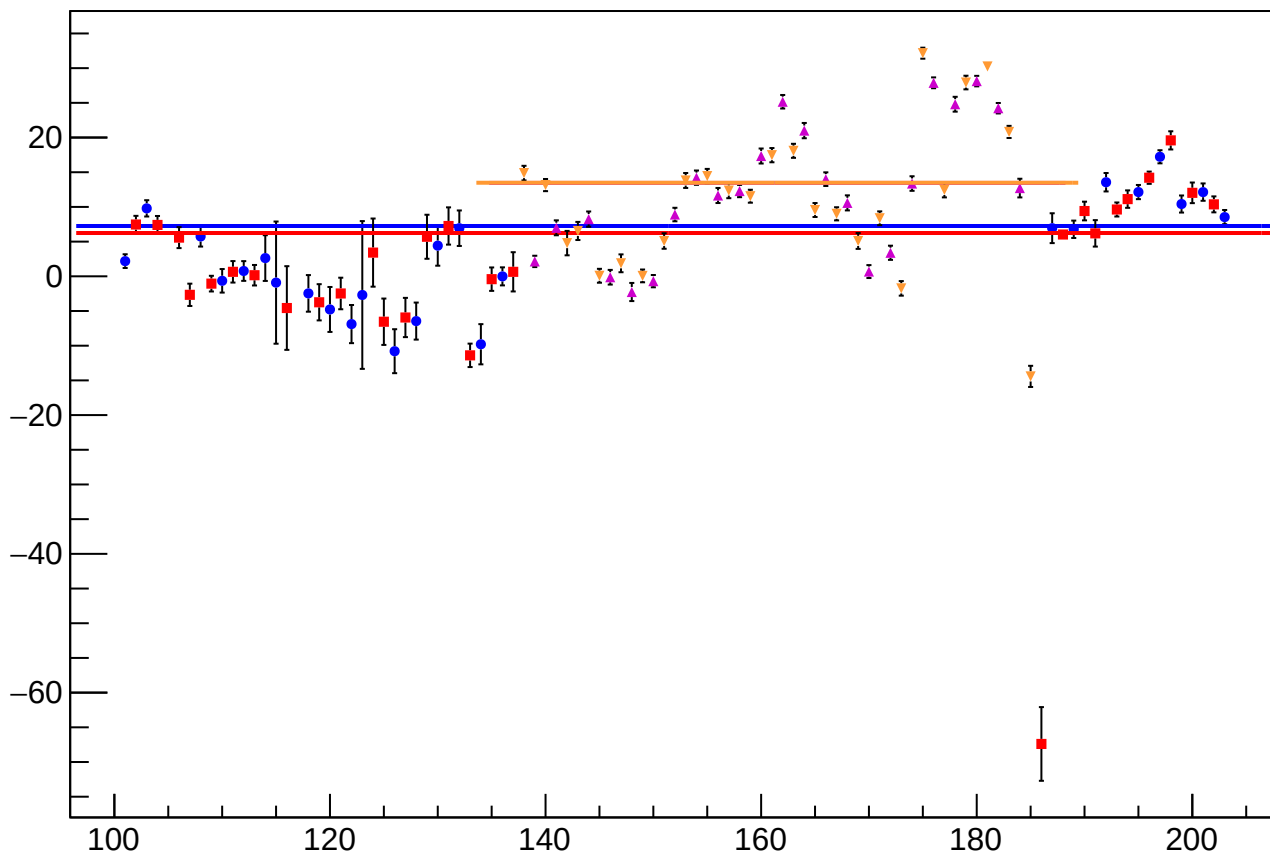
Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

+ sign 60.962 $\pm$ 0.132 χ^2 /NDF: 13168.2/49

All: 61.322 $\pm$ 0.093 χ^2 /NDF: 30127.6/100

- sign 61.680 $\pm$ 0.131 χ^2 /NDF: 16944.5/50

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: 6.241 ± 0.261 χ^2/NDF : 736.6/27

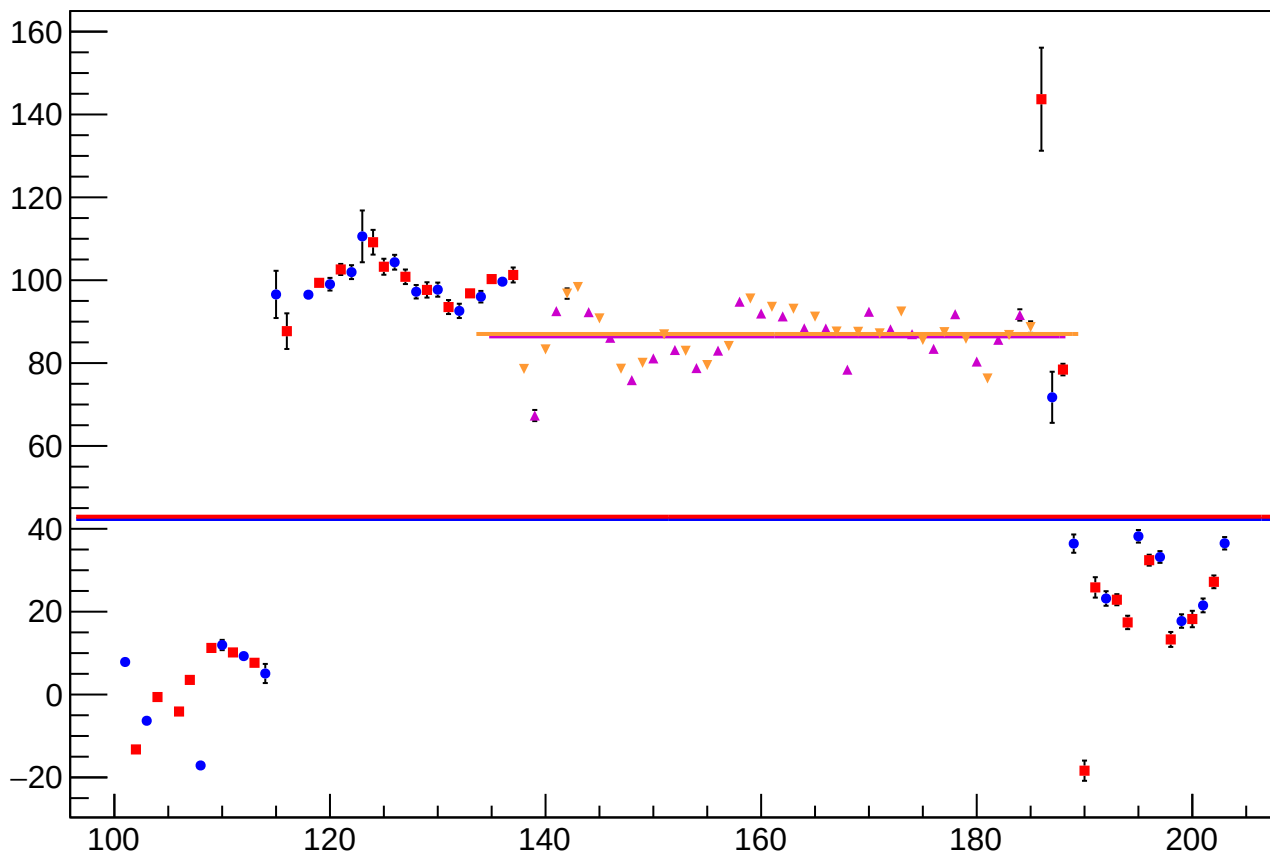
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ sign 11.615 ± 0.169 χ^2/NDF : 3455.0/49

All: 11.154 ± 0.116 χ^2/NDF : 7053.3/100

- sign 10.738 ± 0.160 χ^2/NDF : 3584.1/50

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: 42.923 $\pm$ 0.257 χ^2 /NDF: 30463.1/27

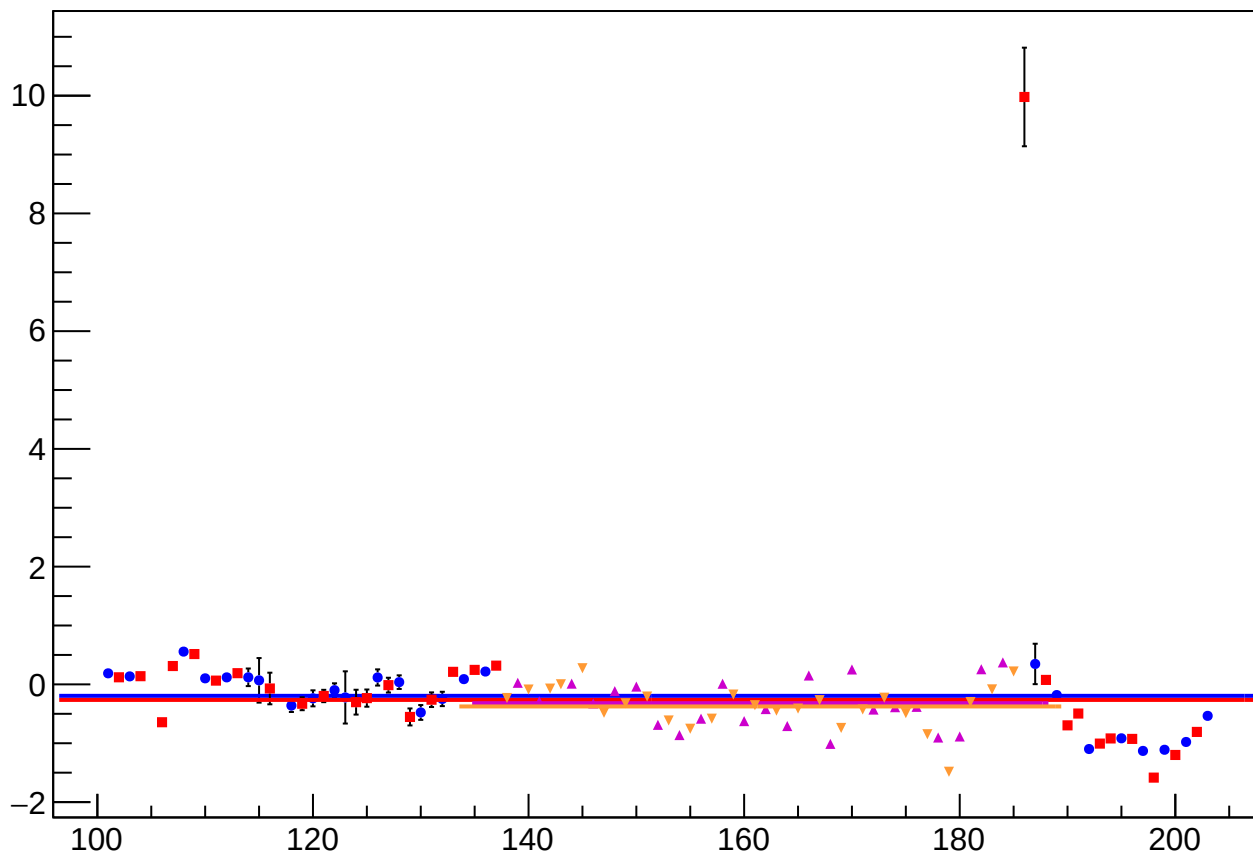
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 73.466 $\pm$ 0.150 χ^2 /NDF: 45614.1/49

All: 72.575 $\pm$ 0.106 χ^2 /NDF: 96155.4/100

- sign 71.687 $\pm$ 0.150 χ^2 /NDF: 50470.7/50

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: -0.195 ± 0.011 χ^2/NDF : 2676.1/24

Left Out: -0.375 ± 0.008 χ^2/NDF : 1657.5/24

Right Out: -0.264 ± 0.010 χ^2/NDF : 3325.5/27

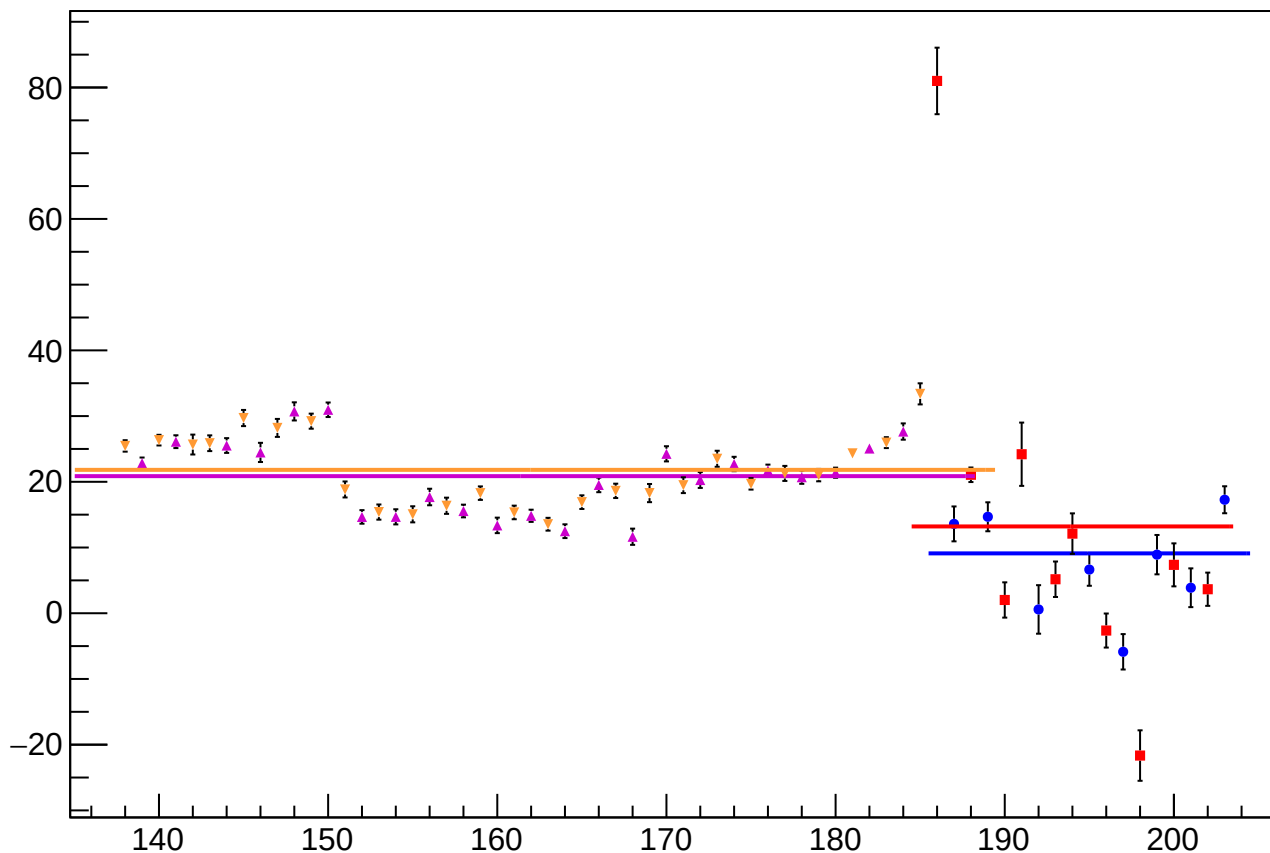
Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

+ sign -0.313 ± 0.007 χ^2/NDF : 4501.7/49

All: -0.306 ± 0.005 χ^2/NDF : 10172.5/100

- sign -0.299 ± 0.006 χ^2/NDF : 5668.4/50

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: 13.208 ± 0.757 $\chi^2/\text{NDF}: 398.6/9$

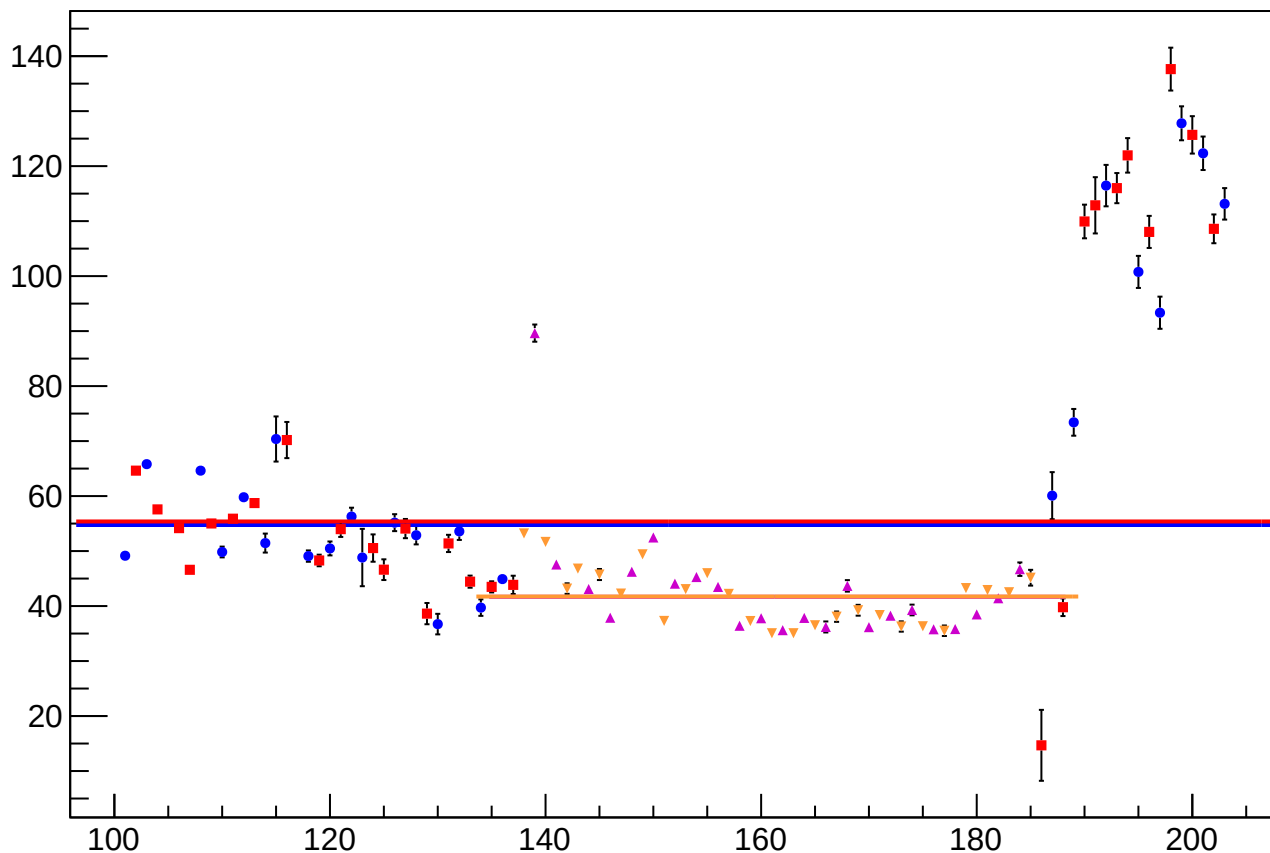
Left In: 20.860 ± 0.216 $\chi^2/\text{NDF}: 575.5/22$

+ sign 21.184 ± 0.205 $\chi^2/\text{NDF}: 770.4/32$

All: 20.740 ± 0.146 $\chi^2/\text{NDF}: 1848.7/65$

- sign 20.286 ± 0.207 $\chi^2/\text{NDF}: 1068.7/32$

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 54.740 $\pm$ 0.206 χ^2 /NDF: 3489.1/24

Left Out: 41.732 $\pm$ 0.166 χ^2 /NDF:1014.0/24

Right Out: 55.382 $\pm$ 0.221 χ^2 /NDF: 4072.5/27

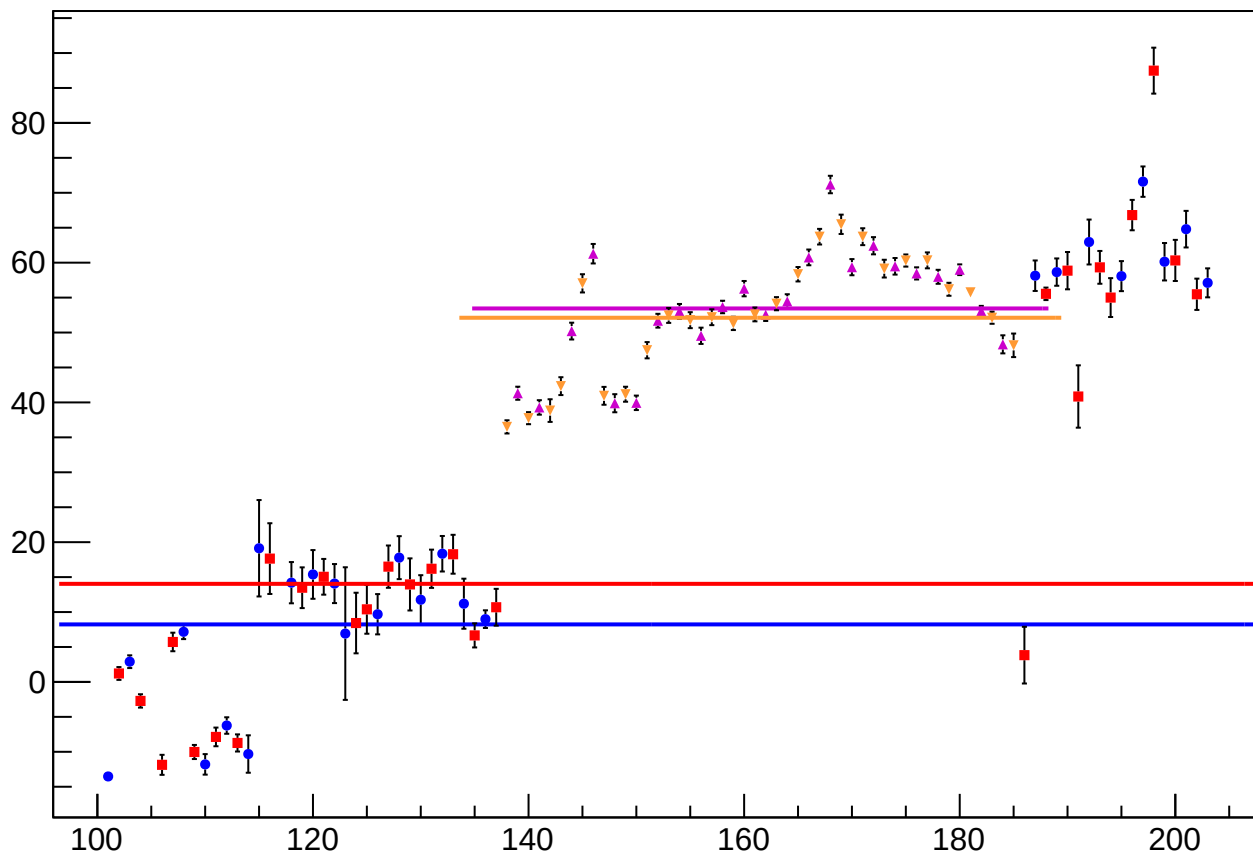
Left In: 41.682 $\pm$ 0.173 χ^2 /NDF:1715.9/22

+ sign 46.840 $\pm$ 0.129 χ^2 /NDF: 6918.1/49

All: 46.873 $\pm$ 0.094 χ^2 /NDF: 15088.3/100

- sign 46.910 $\pm$ 0.136 χ^2 /NDF: 8170.1/50

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: 14.037 ± 0.327 $\chi^2/\text{NDF}: 6829.8/27$

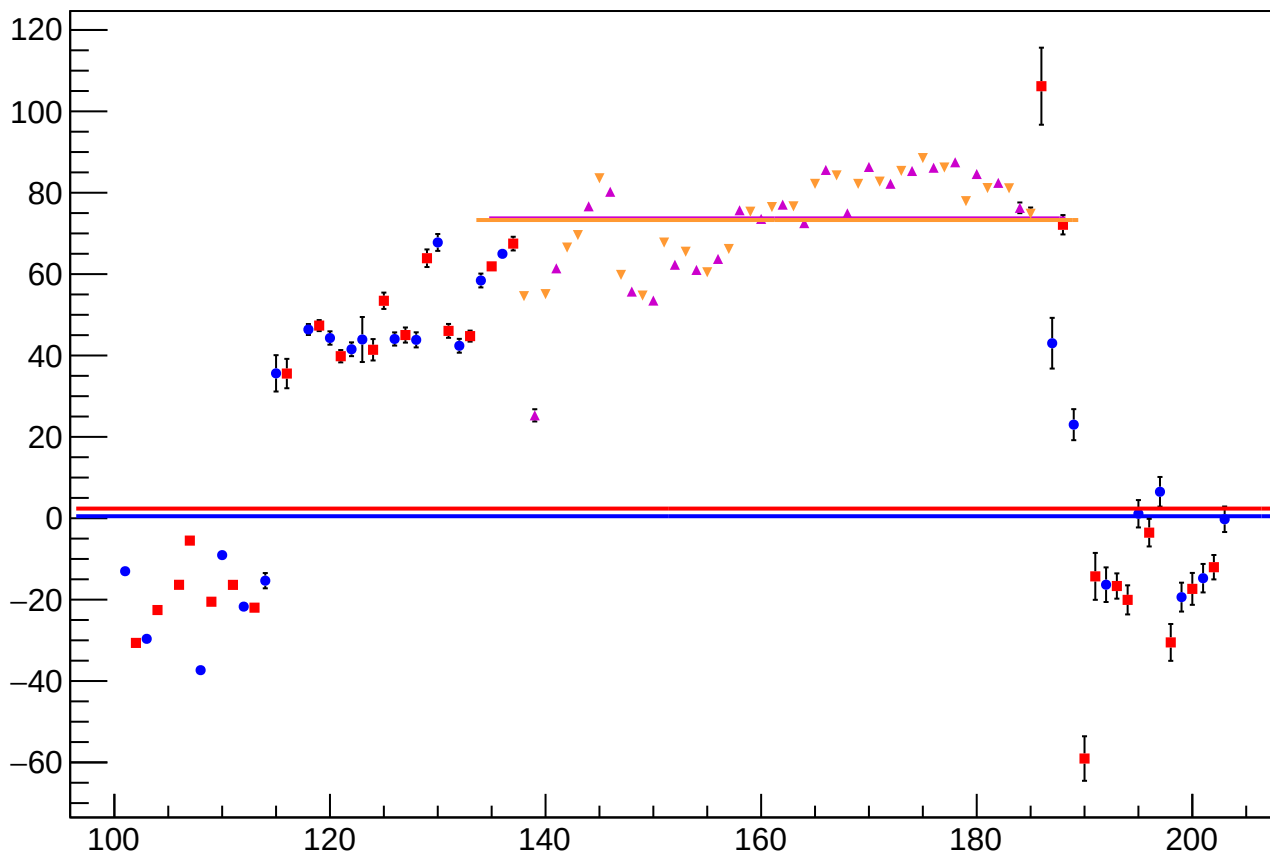
Left In: 53.447 ± 0.214 $\chi^2/\text{NDF}: 1167.6/22$

+ sign 39.541 ± 0.178 $\chi^2/\text{NDF}: 19858.9/49$

All: 40.562 ± 0.126 $\chi^2/\text{NDF}: 38077.0/100$

- sign 41.601 ± 0.179 $\chi^2/\text{NDF}: 18151.5/50$

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.500 $\pm$ 0.242 χ^2 /NDF: 18573.9/24

Left Out: 73.294 $\pm$ 0.187 χ^2 /NDF:3148.2/24

Right Out: 2.378 $\pm$ 0.261 χ^2 /NDF: 16673.3/27

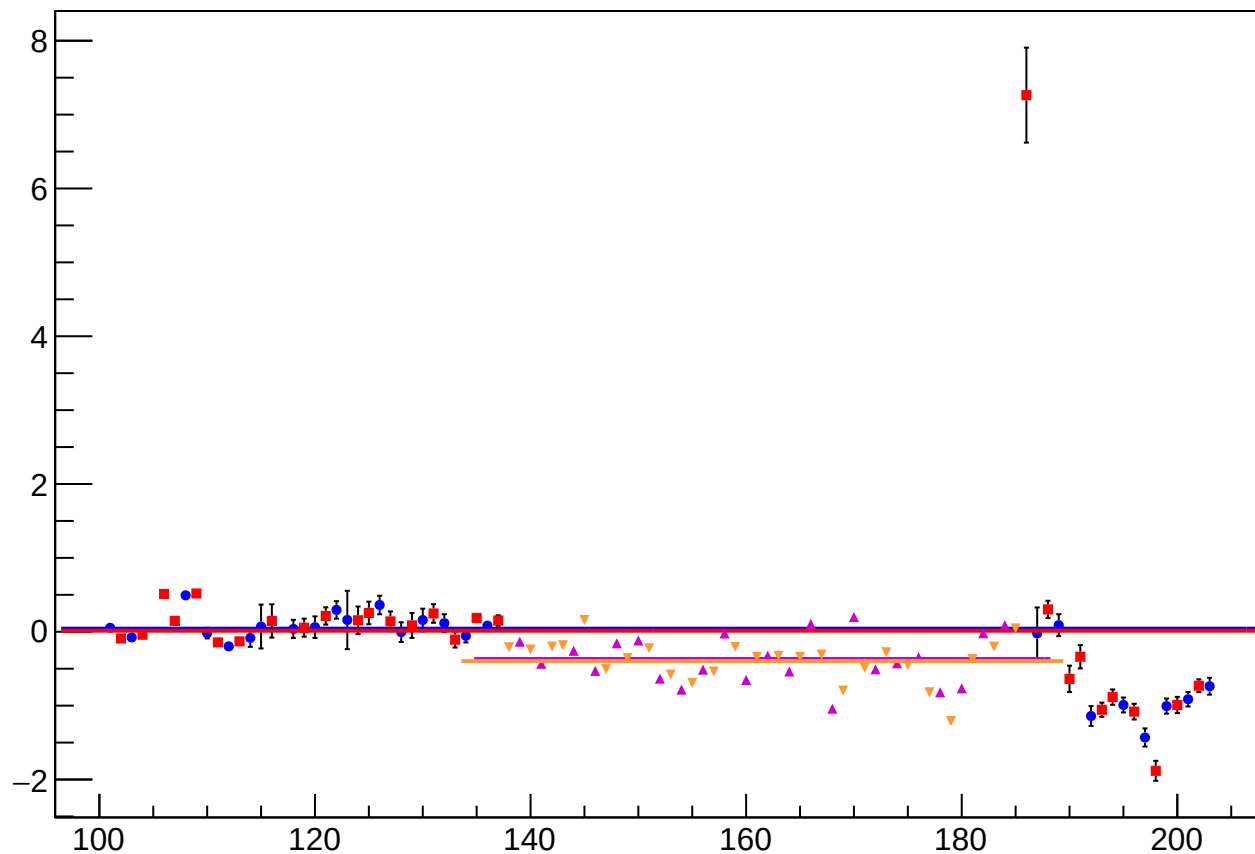
Left In: 73.699 $\pm$ 0.194 χ^2 /NDF:3901.1/22

+ sign 46.085 $\pm$ 0.148 χ^2 /NDF: 78154.8/49

All: 47.142 $\pm$ 0.107 χ^2 /NDF: 147025.8/100

- sign 48.306 $\pm$ 0.156 χ^2 /NDF: 68764.1/50

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.041 ± 0.011 χ^2/NDF : 1004.8/24

Left Out: -0.397 ± 0.009 χ^2/NDF : 943.5/24

Right Out: 0.015 ± 0.011 χ^2/NDF : 1239.3/27

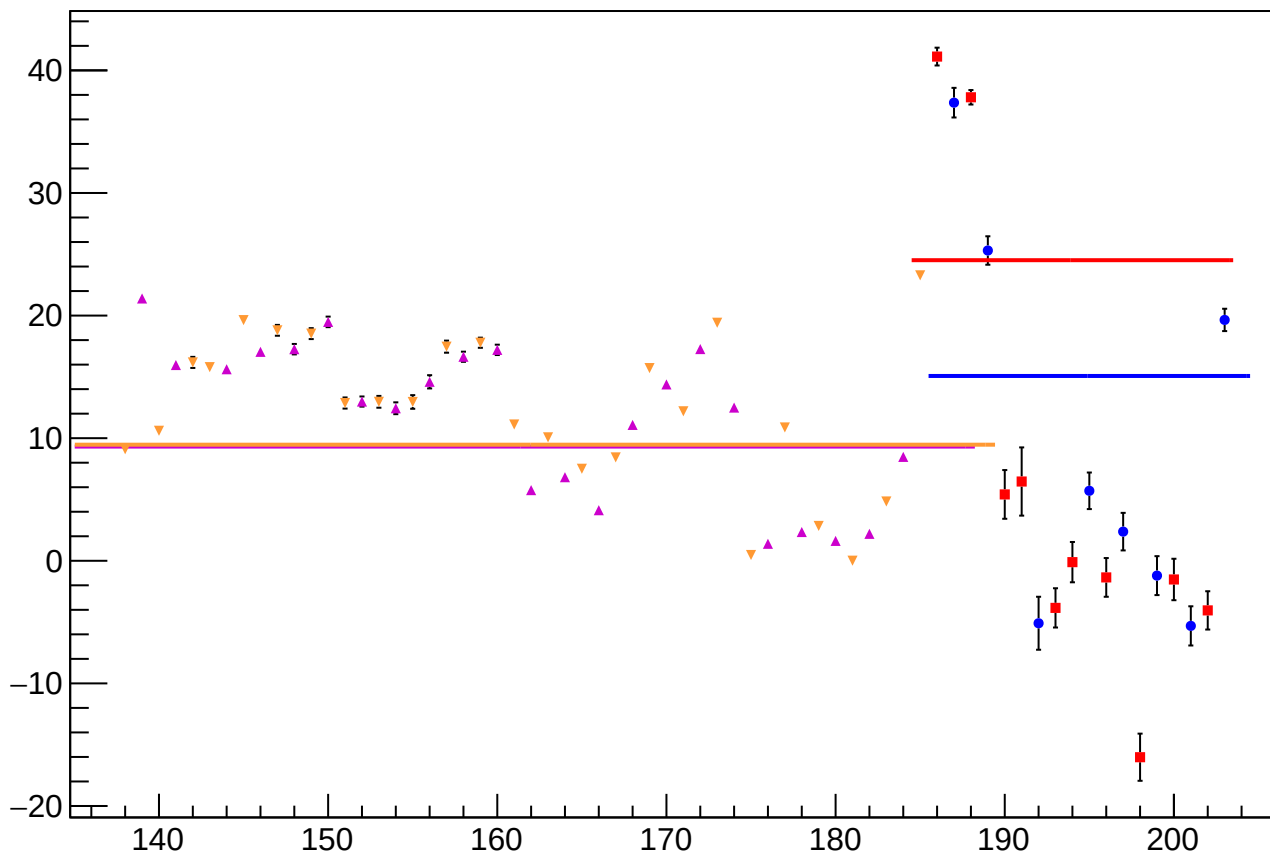
Left In: -0.369 ± 0.009 χ^2/NDF : 1322.7/22

+ sign -0.226 ± 0.007 χ^2/NDF : 2974.3/49

All: -0.221 ± 0.005 χ^2/NDF : 6319.6/100

- sign -0.216 ± 0.007 χ^2/NDF : 3344.3/50

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: 24.518 ± 0.369 χ^2/NDF : 2985.0/9

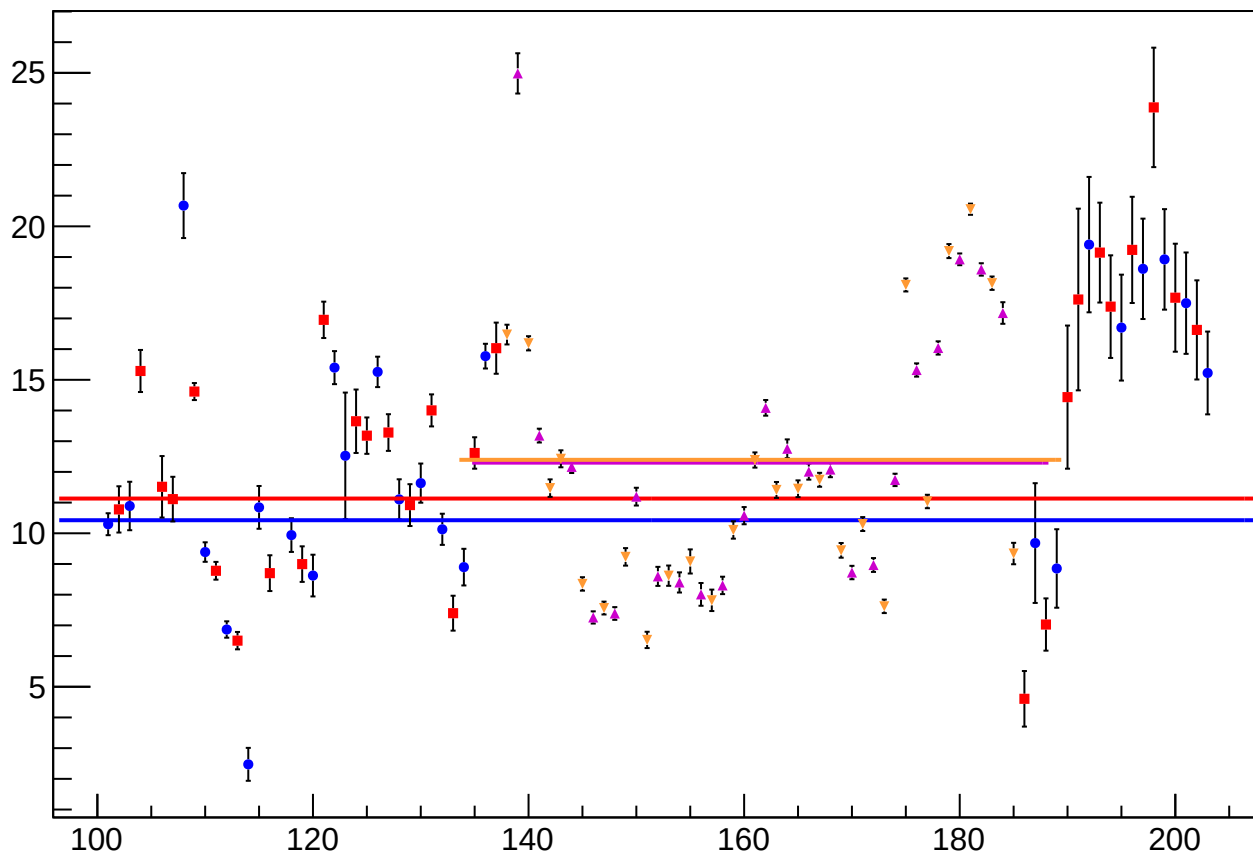
Left In: 9.315 ± 0.063 χ^2/NDF : 11007.3/22

+ sign 9.563 ± 0.061 χ^2/NDF : 13623.9/32

All: 9.651 ± 0.043 χ^2/NDF : 29267.2/65

- sign 9.741 ± 0.062 χ^2/NDF : 15639.1/32

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: 11.132 $\pm$ 0.113 χ^2/NDF : 1013.6/27

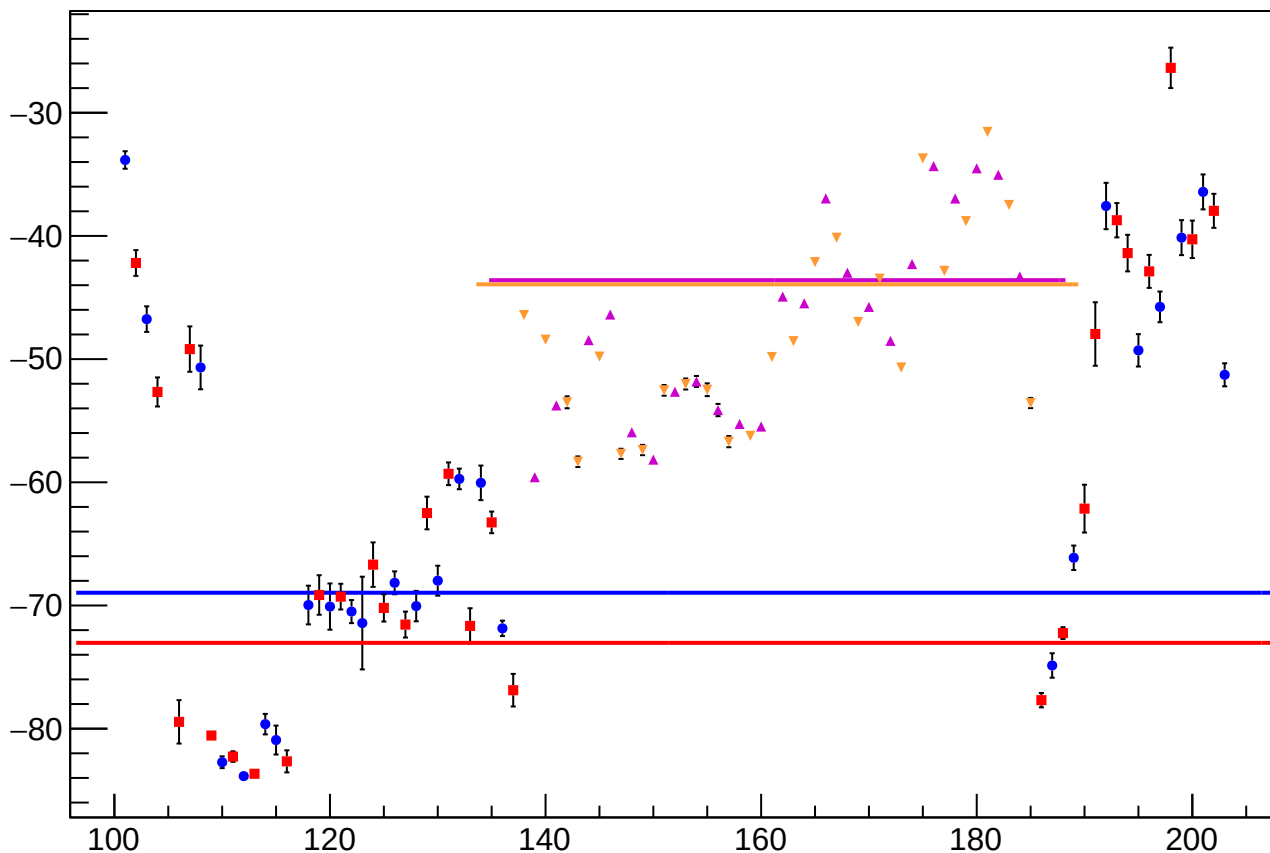
Left In: 12.302 $\pm$ 0.051 χ^2/NDF : 5661.3/22

+ sign 12.089 $\pm$ 0.046 χ^2/NDF : 8762.3/49

All: 12.096 $\pm$ 0.033 χ^2/NDF : 15526.6/100

- sign 12.103 $\pm$ 0.047 χ^2/NDF : 6764.2/50

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: -73.033 ± 0.156 $\chi^2/\text{NDF}: 7200.9/27$

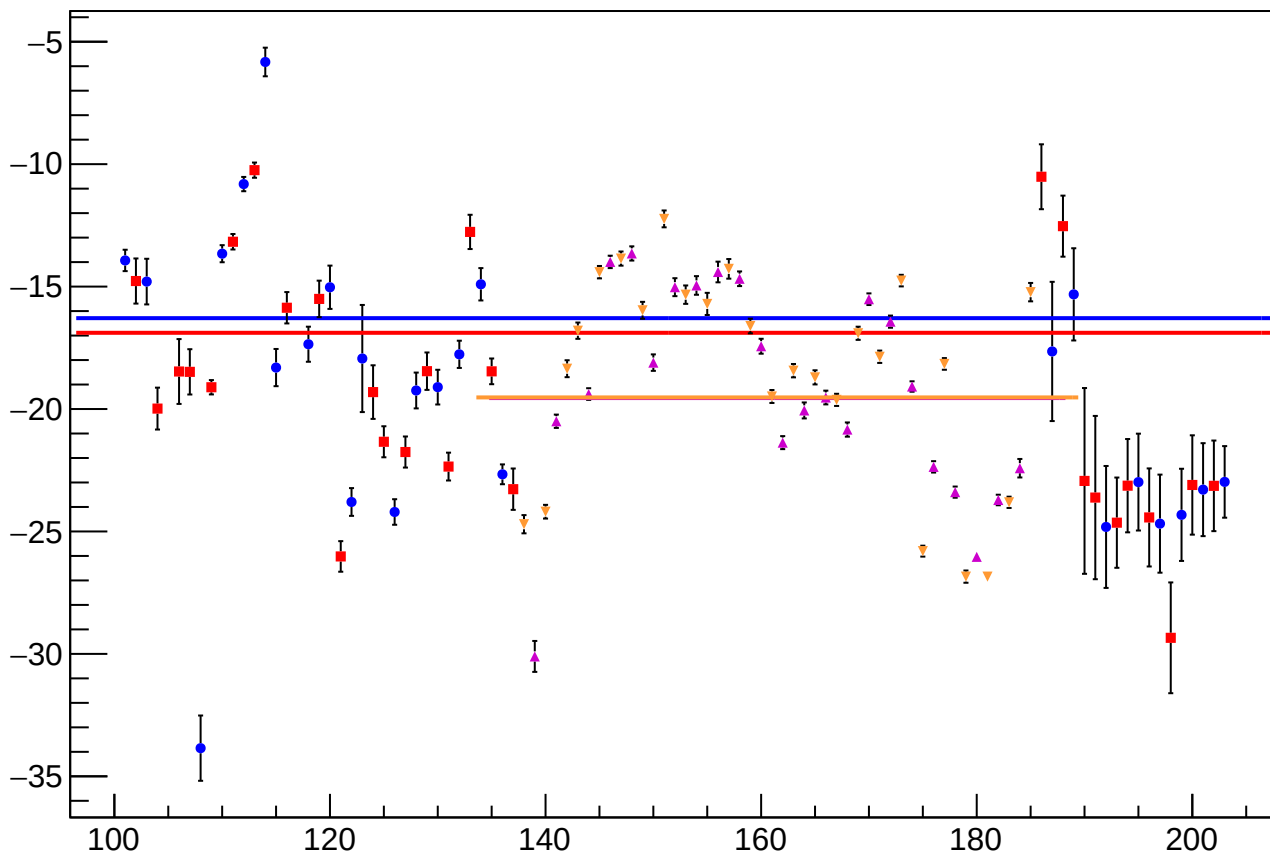
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.617 ± 0.059 $\chi^2/\text{NDF}: 43088.1/49$

All: -47.171 ± 0.041 $\chi^2/\text{NDF}: 96617.5/100$

- sign -47.722 ± 0.058 $\chi^2/\text{NDF}: 53351.2/50$

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: -16.887 ± 0.125 χ^2/NDF : 1342.5/27

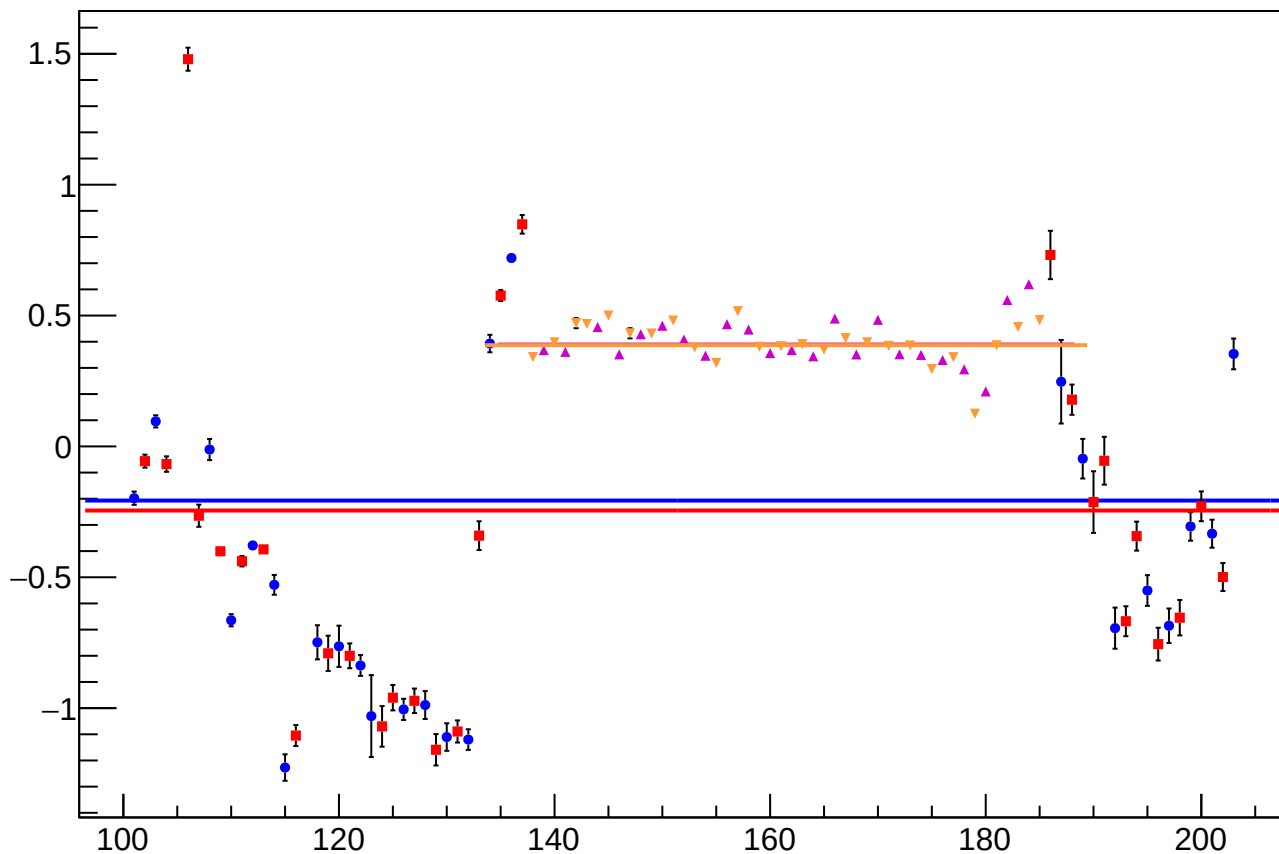
Left In: -19.552 ± 0.057 χ^2/NDF : 4359.1/22

+ sign -19.020 ± 0.051 χ^2/NDF : 8755.6/49

All: -19.056 ± 0.037 χ^2/NDF : 14832.9/100

- sign -19.093 ± 0.052 χ^2/NDF : 6076.3/50

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.207 ± 0.007 χ^2/NDF : 6578.5/24

Left Out: 0.387 ± 0.003 χ^2/NDF : 989.2/24

Right Out: -0.245 ± 0.007 χ^2/NDF : 6562.0/27

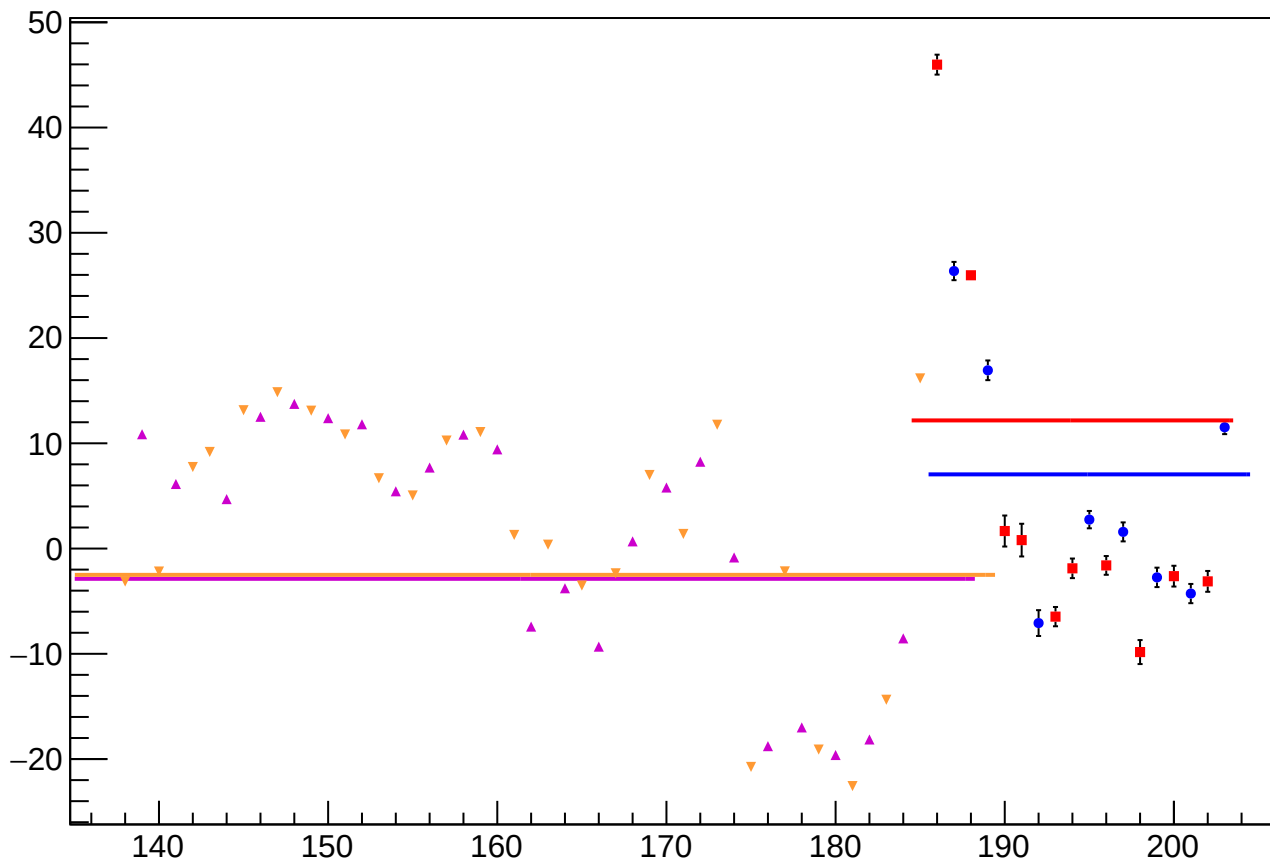
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.319 ± 0.002 χ^2/NDF : 13655.3/49

All: 0.313 ± 0.002 χ^2/NDF : 29098.6/100

- sign 0.307 ± 0.002 χ^2/NDF : 15431.1/50

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 7.048 ± 0.308 χ^2/NDF : 1116.2/7

Left Out: -2.499 ± 0.053 χ^2/NDF : 55930.9/24

Right Out: 12.174 ± 0.268 χ^2/NDF : 4133.5/9

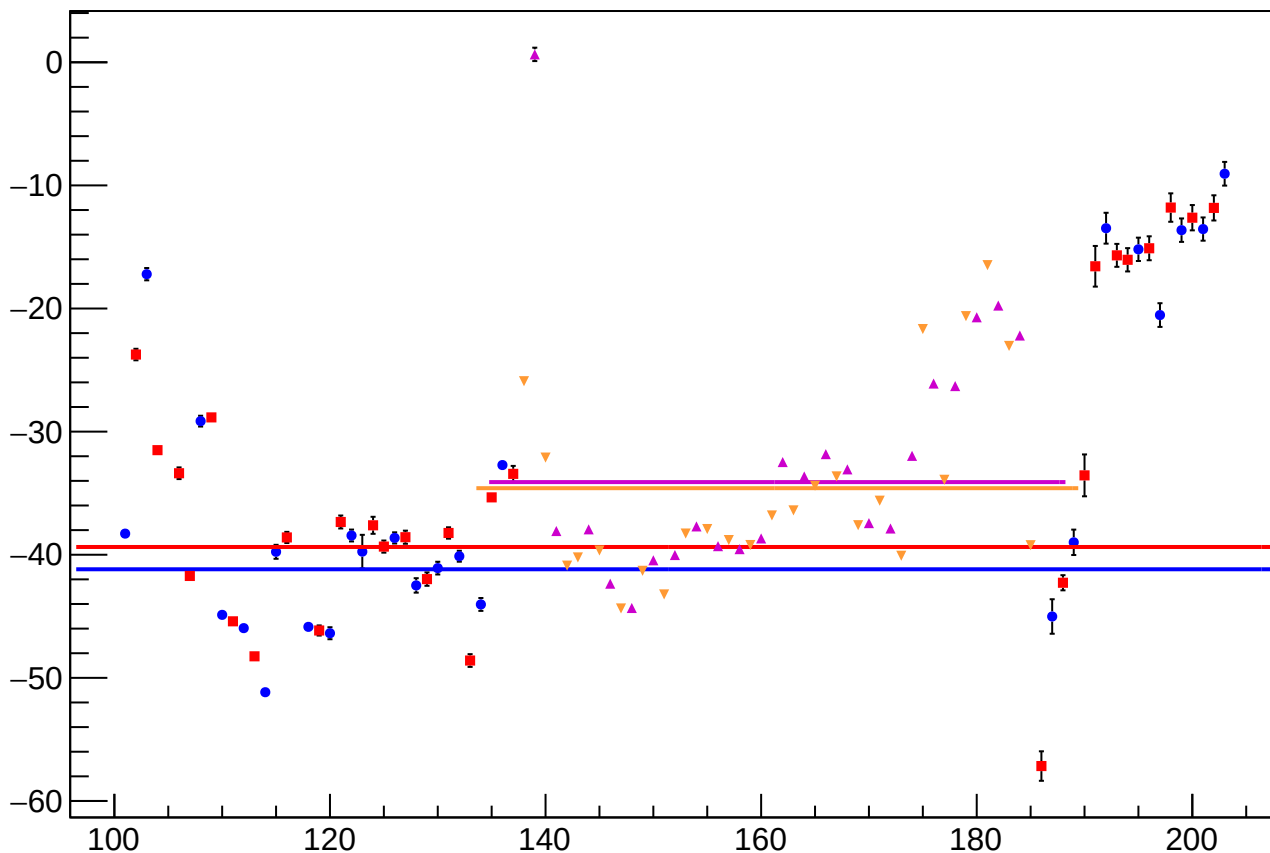
Left In: -2.876 ± 0.055 χ^2/NDF : 46380.9/22

+ sign -2.225 ± 0.052 χ^2/NDF : 57980.9/32

All: -2.250 ± 0.037 χ^2/NDF : 111513.8/65

- sign -2.278 ± 0.054 χ^2/NDF : 53532.4/32

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: -39.370 ± 0.071 $\chi^2/\text{NDF}: 15287.1/27$

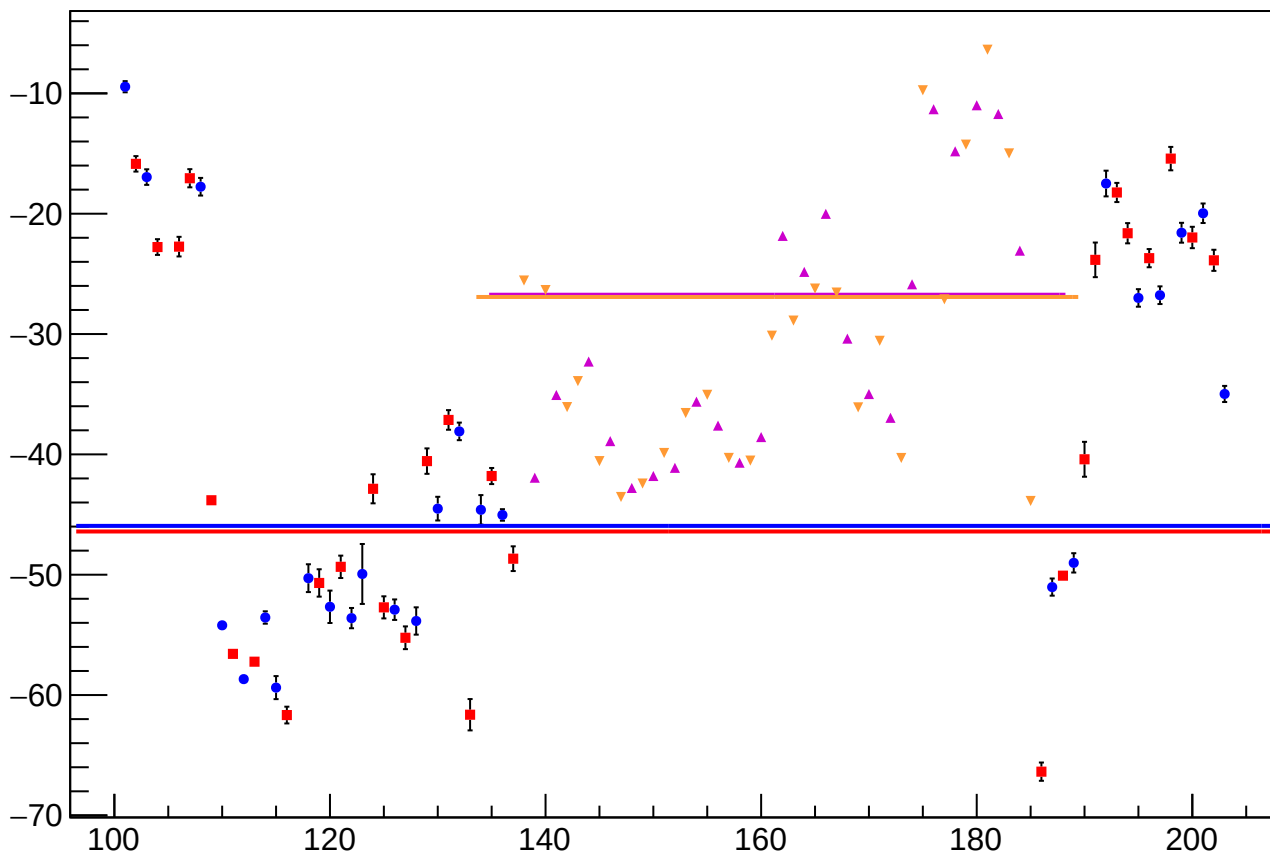
Left In: -34.099 ± 0.044 $\chi^2/\text{NDF}: 29370.6/22$

+ sign -36.131 ± 0.037 $\chi^2/\text{NDF}: 51414.4/49$

All: -35.847 ± 0.026 $\chi^2/\text{NDF}: 100182.7/100$

- sign -35.554 ± 0.037 $\chi^2/\text{NDF}: 48646.9/50$

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: -46.408 ± 0.097 χ^2/NDF : 17909.2/27

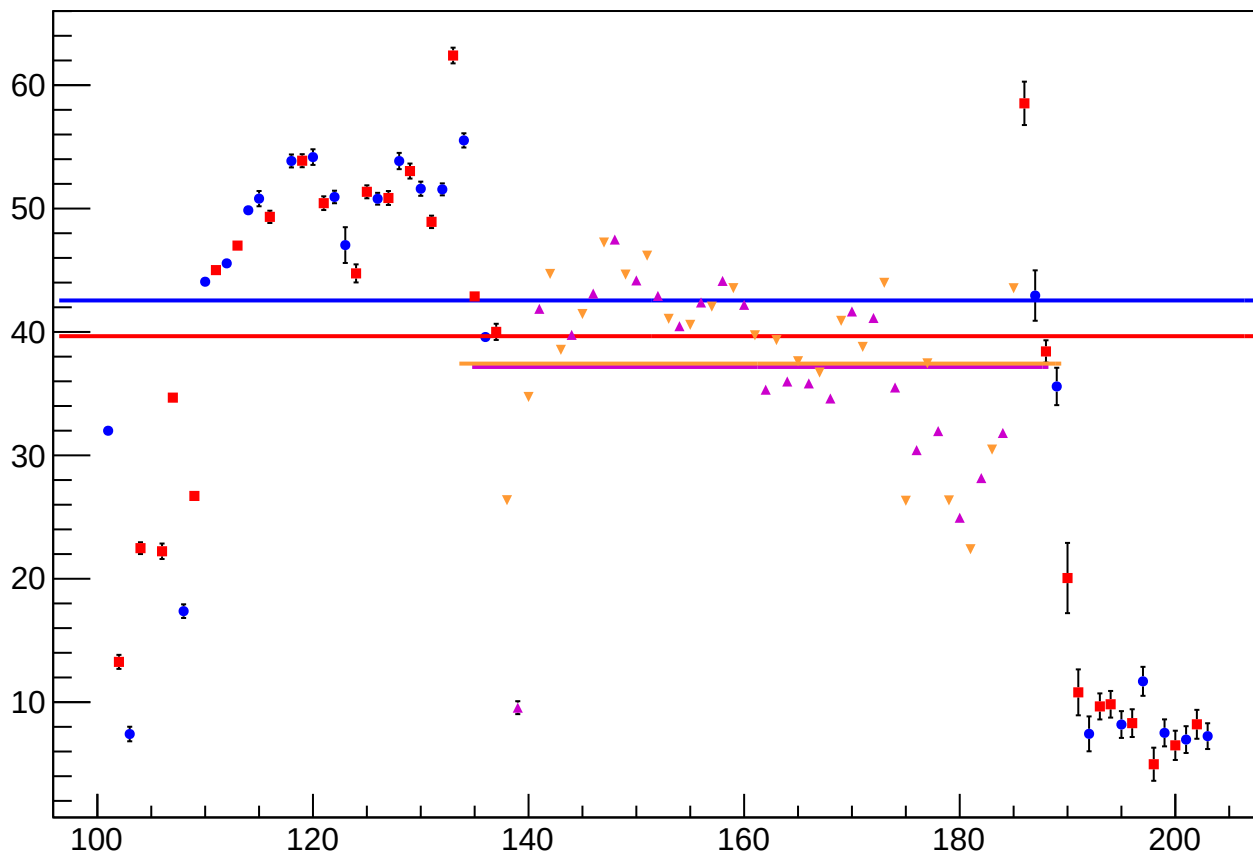
Left In: -26.733 ± 0.055 χ^2/NDF : 42643.0/22

+ sign -30.371 ± 0.048 χ^2/NDF : 91739.4/49

All: -30.930 ± 0.034 χ^2/NDF : 183717.7/100

- sign -31.476 ± 0.048 χ^2/NDF : 91713.1/50

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 42.553 $\pm$ 0.085 χ^2 /NDF: 16412.9/24

Left Out: 37.435 $\pm$ 0.047 χ^2 /NDF:21517.4/24

Right Out: 39.658 $\pm$ 0.079 χ^2 /NDF: 22027.4/27

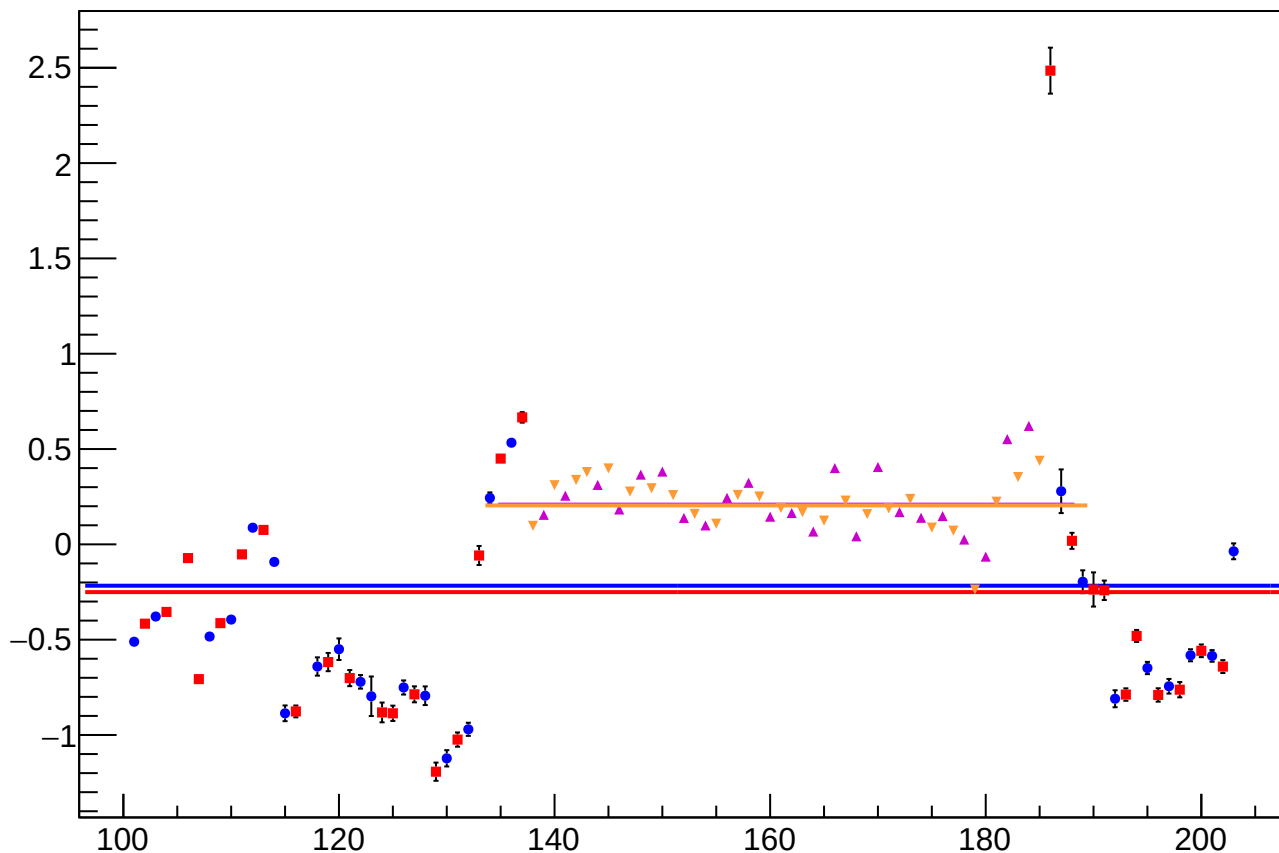
Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

+ sign 38.648 $\pm$ 0.041 χ^2 /NDF: 40700.3/49

All: 38.259 $\pm$ 0.029 χ^2 /NDF: 81056.7/100

- sign 37.864 $\pm$ 0.042 χ^2 /NDF: 40178.1/50

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: -0.251 ± 0.004 χ^2/NDF : 9014.9/27

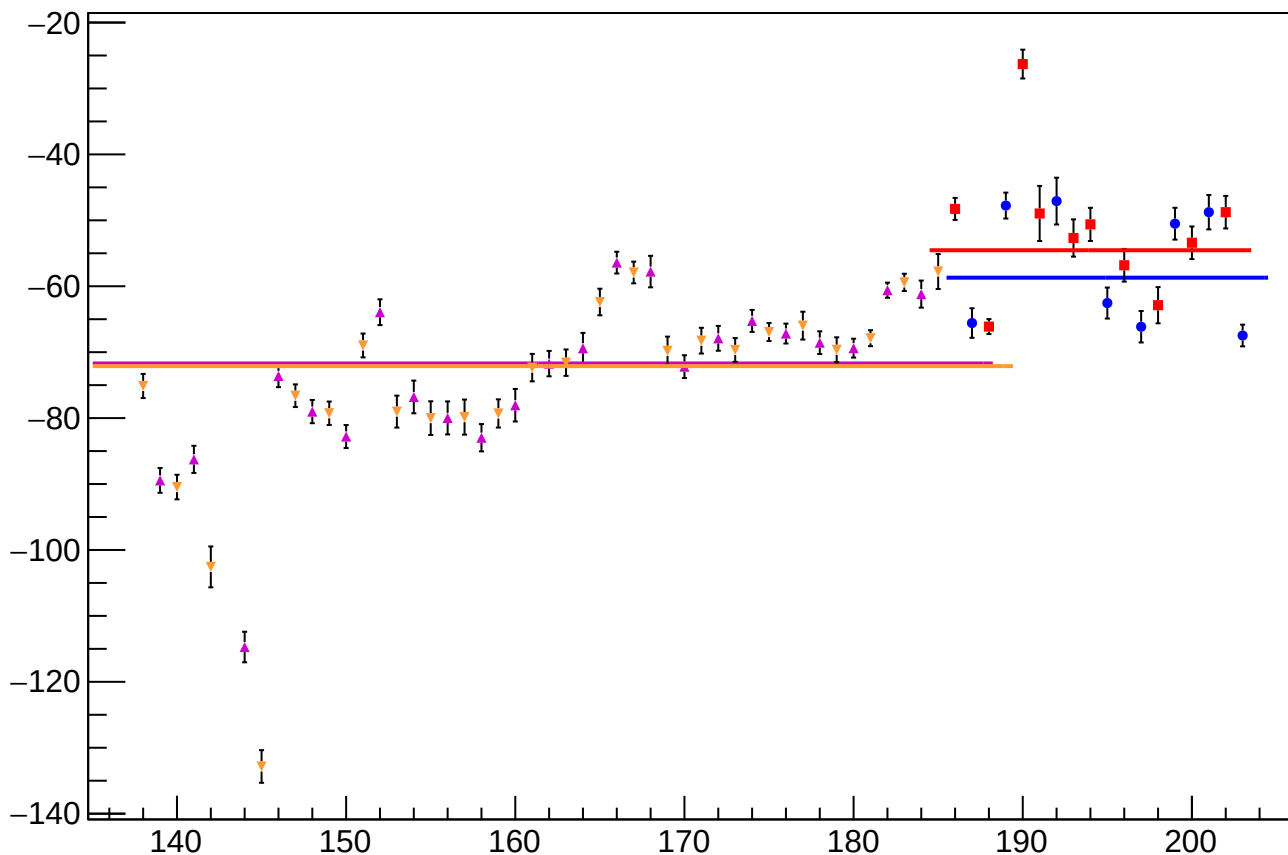
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.126 ± 0.002 χ^2/NDF : 19029.0/49

All: 0.114 ± 0.001 χ^2/NDF : 42934.8/100

- sign 0.102 ± 0.002 χ^2/NDF : 23832.2/50

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: -54.537 ± 0.658 χ^2/NDF : 305.6/9

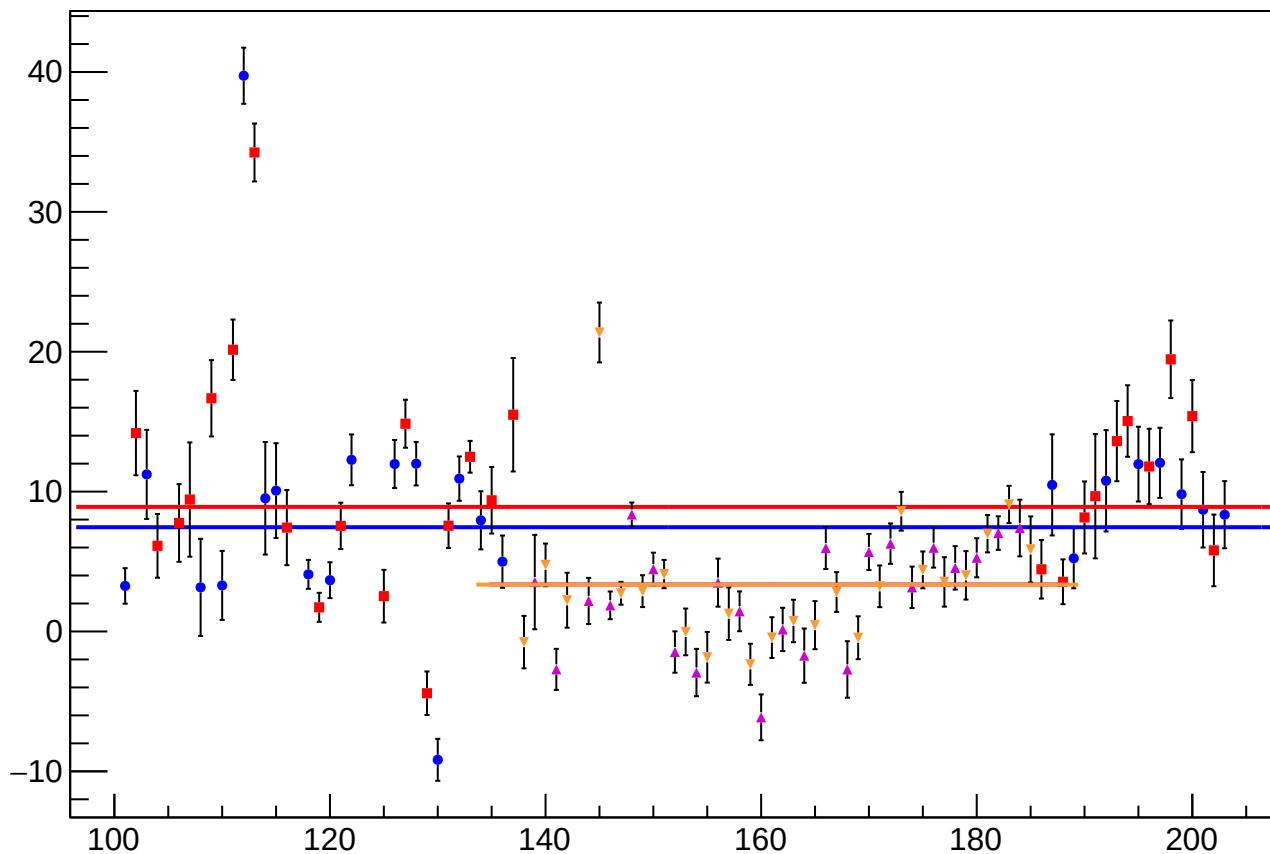
Left In: -71.713 ± 0.380 χ^2/NDF : 884.6/22

+ sign -69.592 ± 0.345 χ^2/NDF : 1474.0/31

All: -68.451 ± 0.238 χ^2/NDF : 3195.9/64

- sign -67.412 ± 0.329 χ^2/NDF : 1701.0/32

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.454 $\pm$ 0.393 χ^2/NDF : 457.8/23

Left Out: 3.353 $\pm$ 0.295 χ^2/NDF :167.8/23

Right Out: 8.906 $\pm$ 0.389 χ^2/NDF : 396.6/26

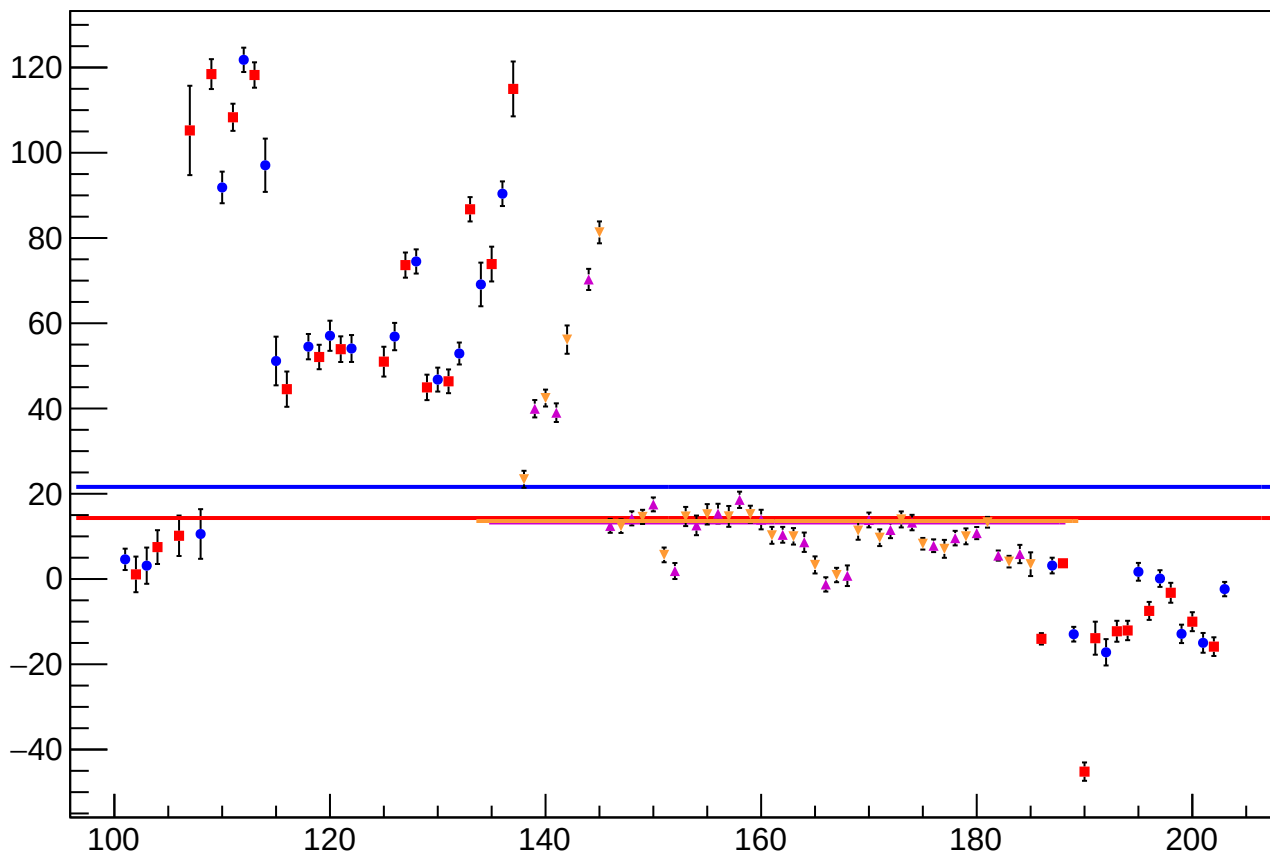
Left In: 3.360 $\pm$ 0.298 χ^2/NDF :164.5/22

+ sign 4.826 $\pm$ 0.236 χ^2/NDF : 695.2/47

All: 5.116 $\pm$ 0.167 χ^2/NDF : 1387.5/97

- sign 5.407 $\pm$ 0.236 χ^2/NDF : 689.3/49

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: 14.310 $\pm$ 0.466 χ^2 /NDF: 7440.0/26

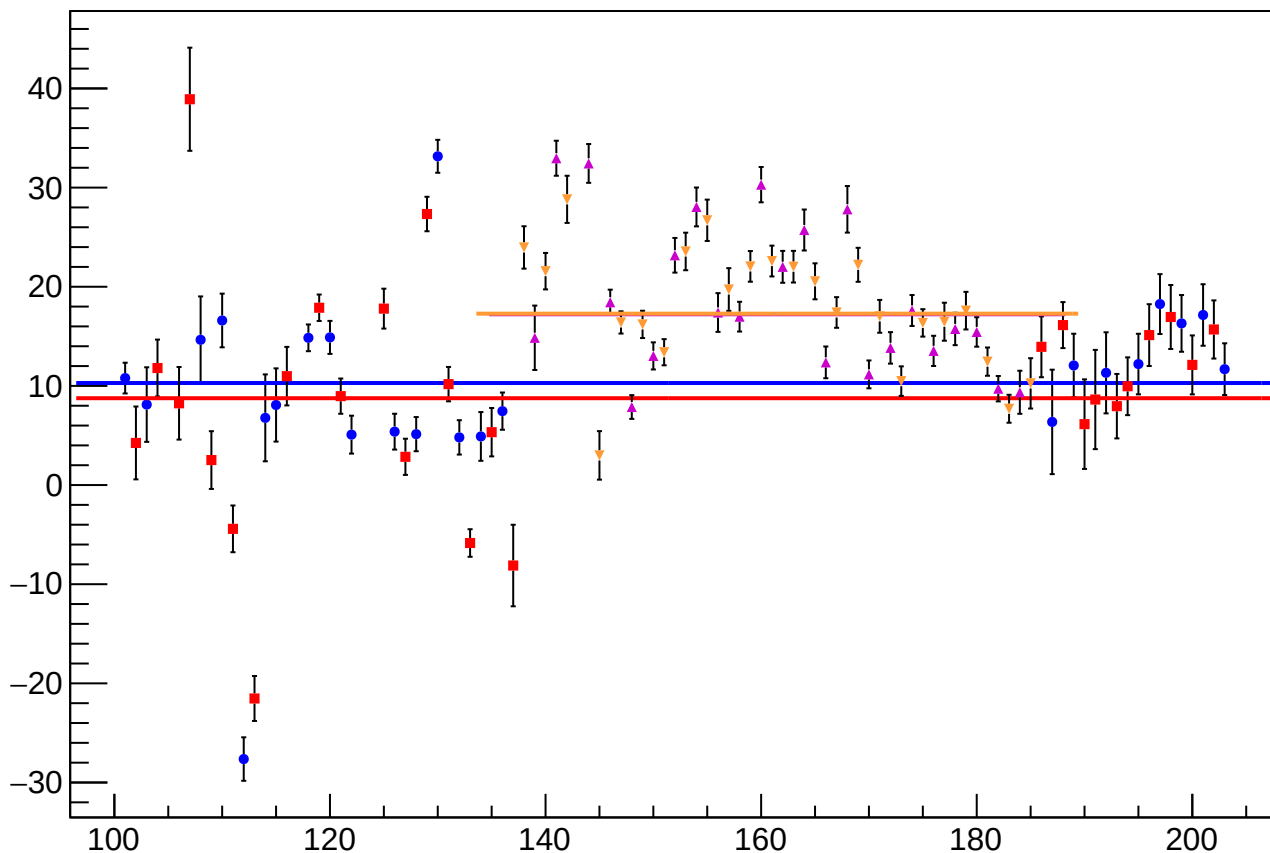
Left In: 13.262 $\pm$ 0.379 χ^2 /NDF:1077.0/22

+ sign 16.274 $\pm$ 0.312 χ^2 /NDF: 6537.3/47

All: 14.900 $\pm$ 0.214 χ^2 /NDF: 15094.0/97

- sign 13.679 $\pm$ 0.294 χ^2 /NDF: 8520.0/49

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 10.292 ± 0.458 χ^2/NDF : 574.3/23

Left Out: 17.285 ± 0.337 χ^2/NDF : 244.0/23

Right Out: 8.759 ± 0.458 χ^2/NDF : 603.6/26

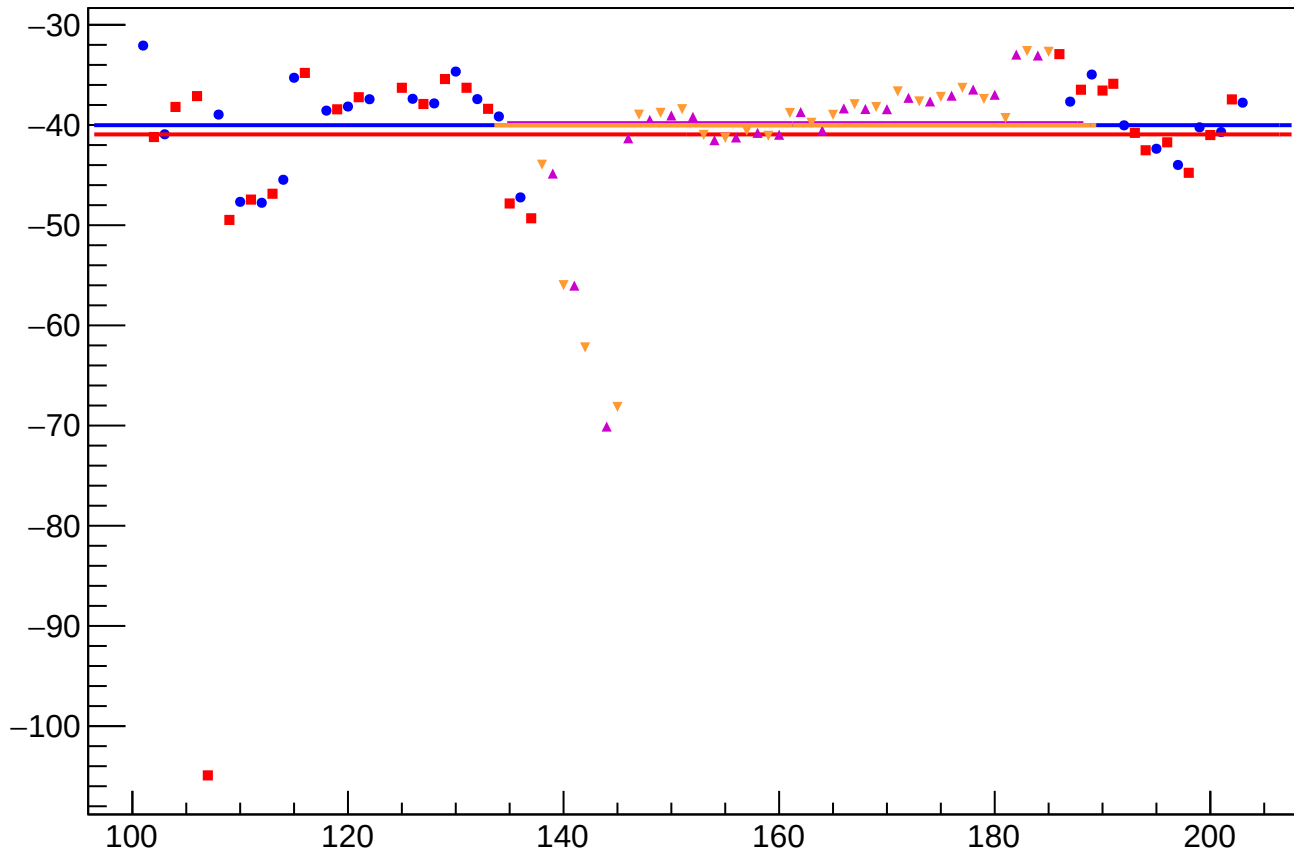
Left In: 17.224 ± 0.339 χ^2/NDF : 442.2/22

+ sign 14.829 ± 0.271 χ^2/NDF : 969.5/47

All: 14.532 ± 0.192 χ^2/NDF : 2238.7/97

- sign 14.233 ± 0.272 χ^2/NDF : 1266.8/49

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -40.016 ± 0.024 $\chi^2/\text{NDF}: 30902.9/23$

Left Out: -40.002 ± 0.016 $\chi^2/\text{NDF}: 172150.1/23$

Right Out: -40.937 ± 0.023 $\chi^2/\text{NDF}: 103011.0/26$

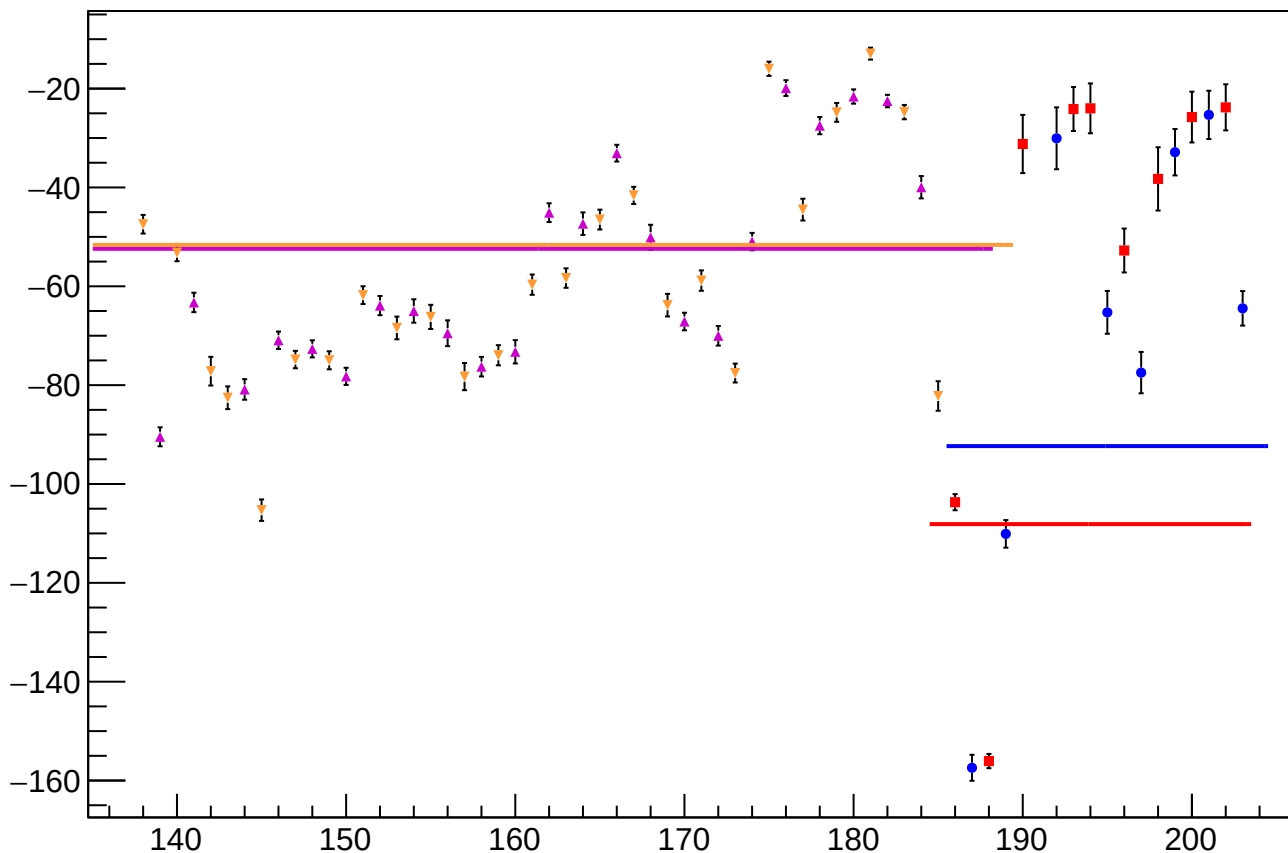
Left In: -39.813 ± 0.016 $\chi^2/\text{NDF}: 145790.5/22$

+ sign -40.006 ± 0.013 $\chi^2/\text{NDF}: 203053.3/47$

All: -40.094 ± 0.009 $\chi^2/\text{NDF}: 453624.8/97$

- sign -40.177 ± 0.013 $\chi^2/\text{NDF}: 250485.0/49$

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -92.335 $\pm$ 1.315 χ^2/NDF : 1215.4/7

Left Out: -51.622 $\pm$ 0.383 χ^2/NDF : 4133.0/24

Right Out: -108.118 $\pm$ 0.940 χ^2/NDF : 2770.5/8

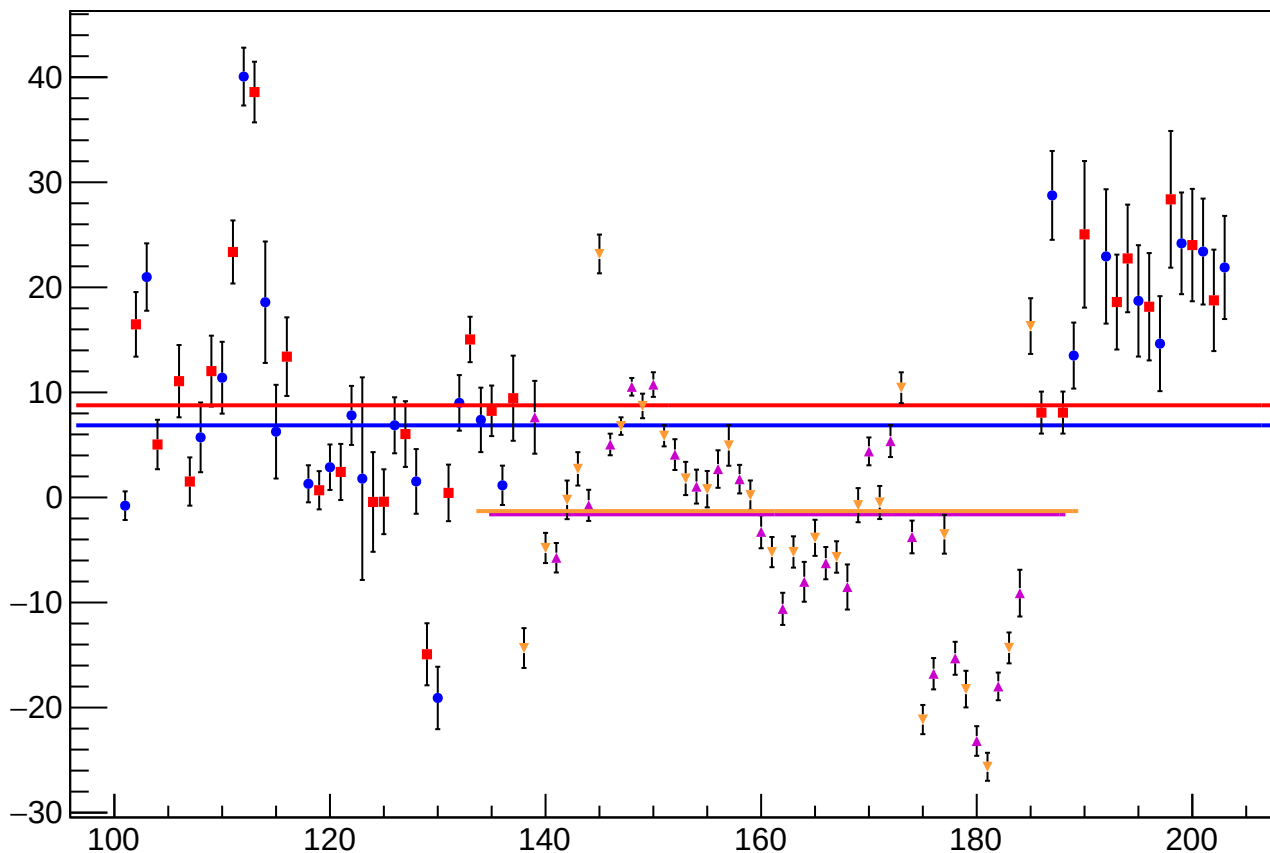
Left In: -52.409 $\pm$ 0.387 χ^2/NDF : 3378.7/22

+ sign -54.811 $\pm$ 0.368 χ^2/NDF : 6231.4/32

All: -57.730 $\pm$ 0.257 χ^2/NDF : 15505.7/64

- sign -60.490 $\pm$ 0.358 χ^2/NDF : 9152.0/31

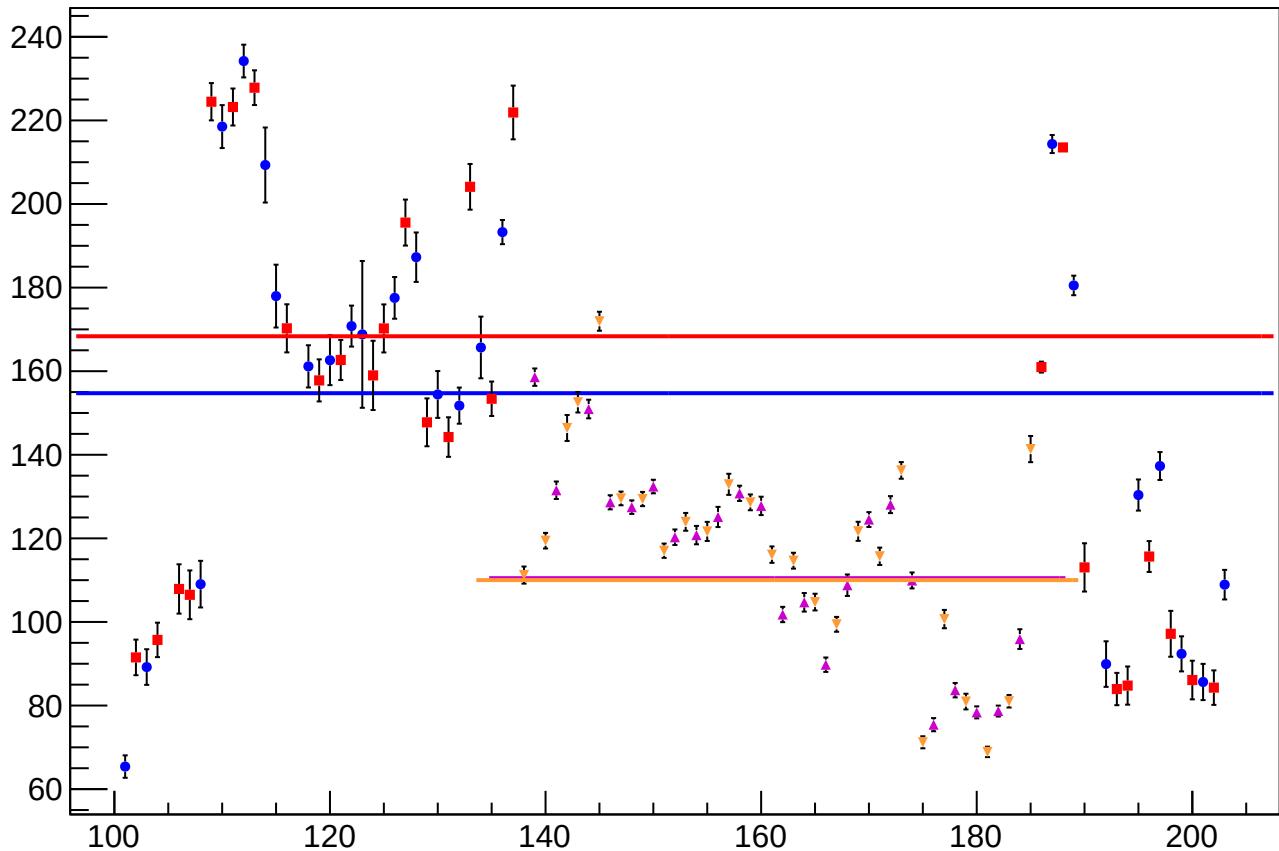
reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 6.864 $\pm$ 0.579 χ^2/NDF : 383.9/24
 Left Out: -1.300 $\pm$ 0.293 χ^2/NDF :1315.7/24
 Right Out: 8.772 $\pm$ 0.569 χ^2/NDF : 316.0/26
 Left In: -1.608 $\pm$ 0.299 χ^2/NDF :1097.4/22

+ sign 0.359 $\pm$ 0.261 χ^2/NDF : 1858.0/49
 All: 0.501 $\pm$ 0.186 χ^2/NDF : 3532.9/99
 - sign 0.647 $\pm$ 0.265 χ^2/NDF : 1674.3/49

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 154.732 ± 0.804 χ^2/NDF : 4005.0/24

Left Out: 110.012 ± 0.383 χ^2/NDF : 4537.0/24

Right Out: 168.356 ± 0.645 χ^2/NDF : 5120.2/26

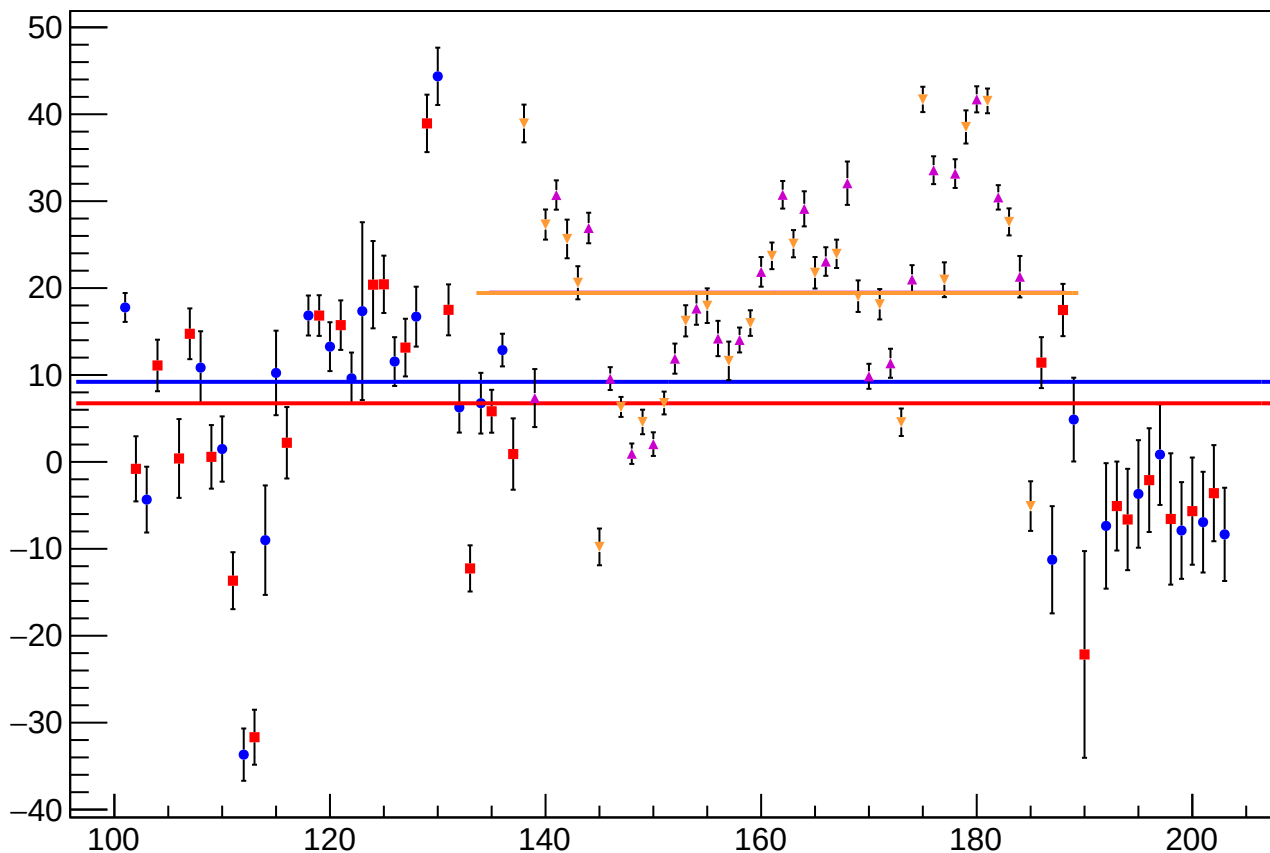
Left In: 110.482 ± 0.385 χ^2/NDF : 3824.9/22

+ sign 118.268 ± 0.346 χ^2/NDF : 11062.0/49

All: 122.126 ± 0.239 χ^2/NDF : 26178.3/99

- sign 125.653 ± 0.330 χ^2/NDF : 14877.8/49

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 9.213 $\pm$ 0.673 χ^2/NDF : 445.0/24

Left Out: 19.434 $\pm$ 0.336 χ^2/NDF :1452.3/24

Right Out: 6.744 $\pm$ 0.676 χ^2/NDF : 469.2/26

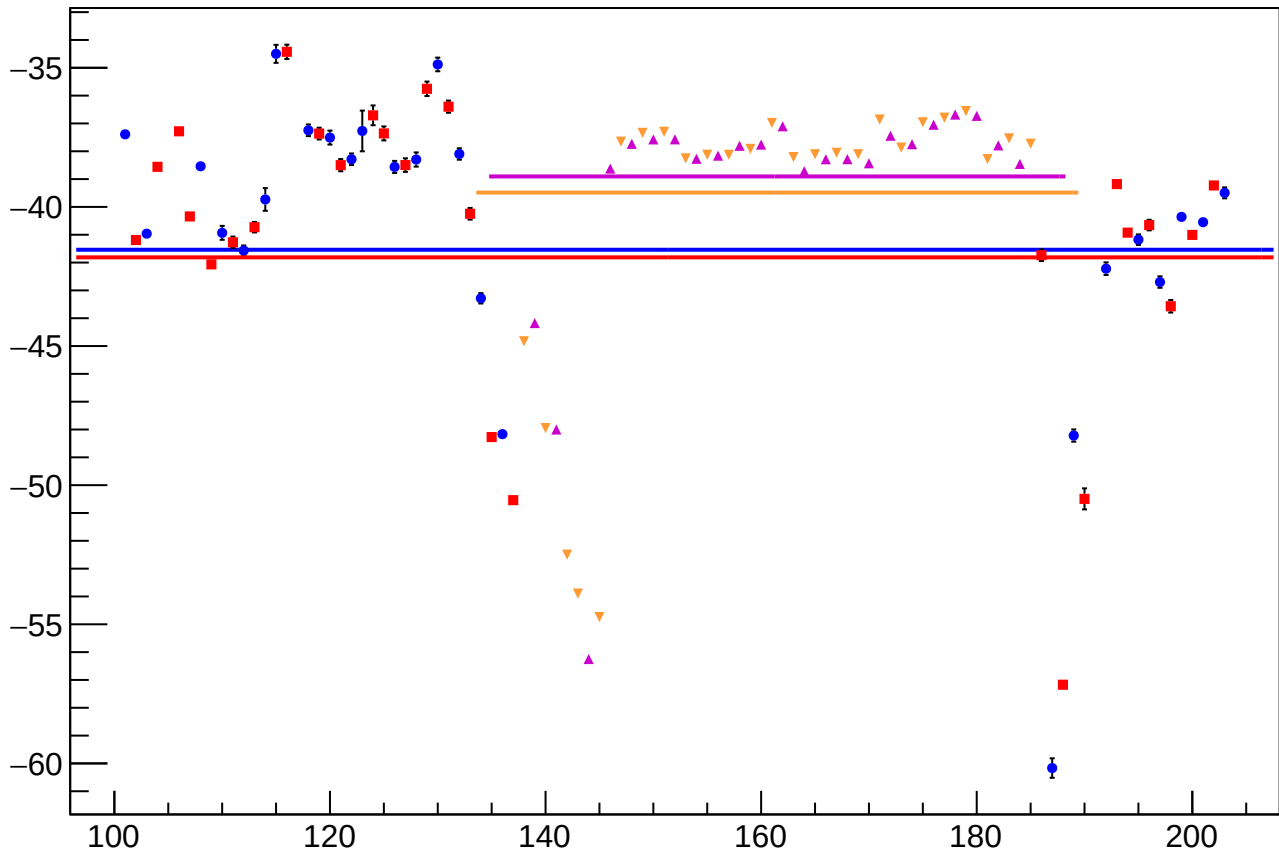
Left In: 19.472 $\pm$ 0.342 χ^2/NDF :1188.2/22

+ sign 17.401 $\pm$ 0.300 χ^2/NDF : 2081.9/49

All: 17.147 $\pm$ 0.214 χ^2/NDF : 4022.9/99

- sign 16.885 $\pm$ 0.305 χ^2/NDF : 1939.6/49

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: -41.813 ± 0.033 $\chi^2/\text{NDF}: 22698.4/26$

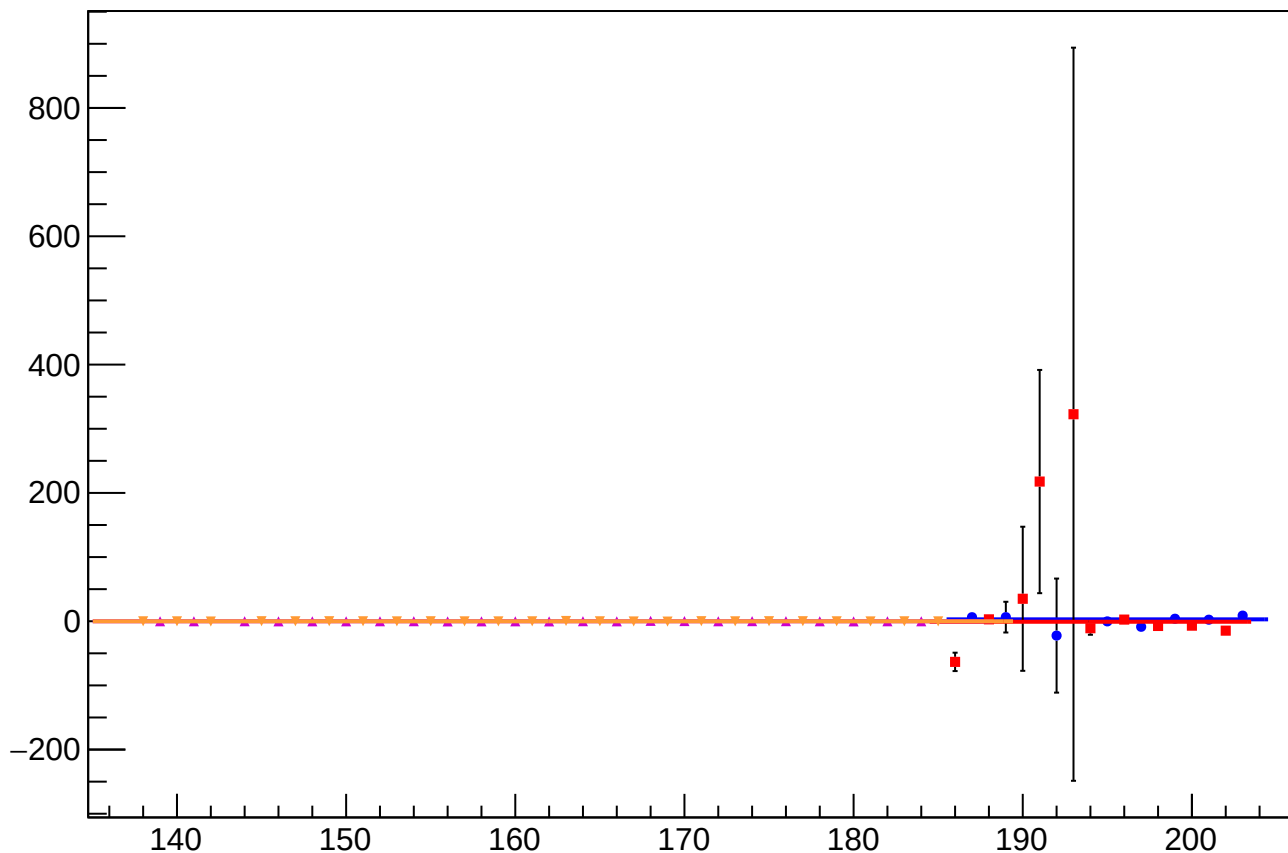
Left In: -38.905 ± 0.016 $\chi^2/\text{NDF}: 54282.7/22$

+ sign -39.852 ± 0.014 $\chi^2/\text{NDF}: 108533.2/49$

All: -39.651 ± 0.010 $\chi^2/\text{NDF}: 192270.7/99$

- sign -39.451 ± 0.014 $\chi^2/\text{NDF}: 83341.9/49$

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: -0.807 ± 1.593 χ^2/NDF : 33.5/9

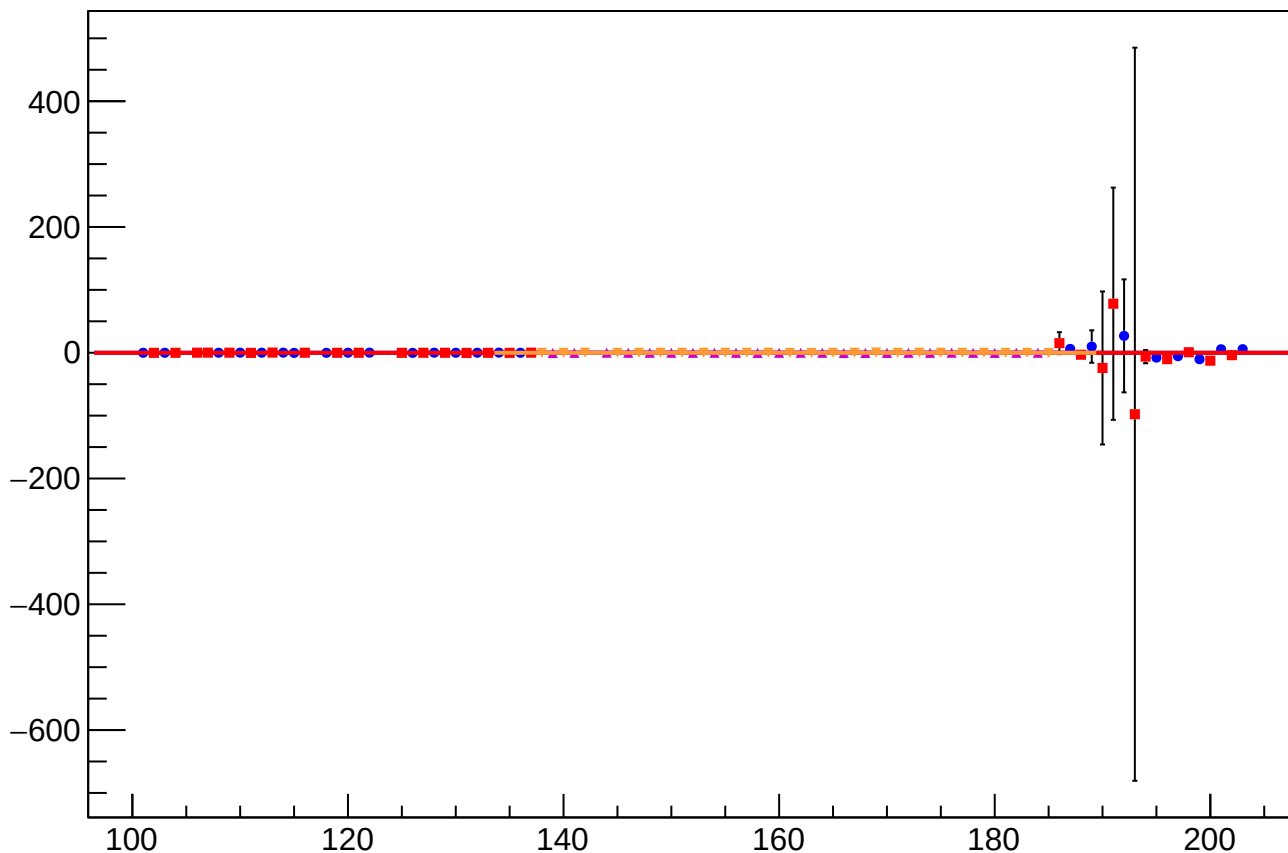
Left In: -0.026 ± 0.022 χ^2/NDF : 32.3/22

+ sign -0.088 ± 0.022 χ^2/NDF : 52.6/31

All: -0.057 ± 0.016 χ^2/NDF : 122.6/64

- sign -0.026 ± 0.022 χ^2/NDF : 66.0/32

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 : 30.9/26

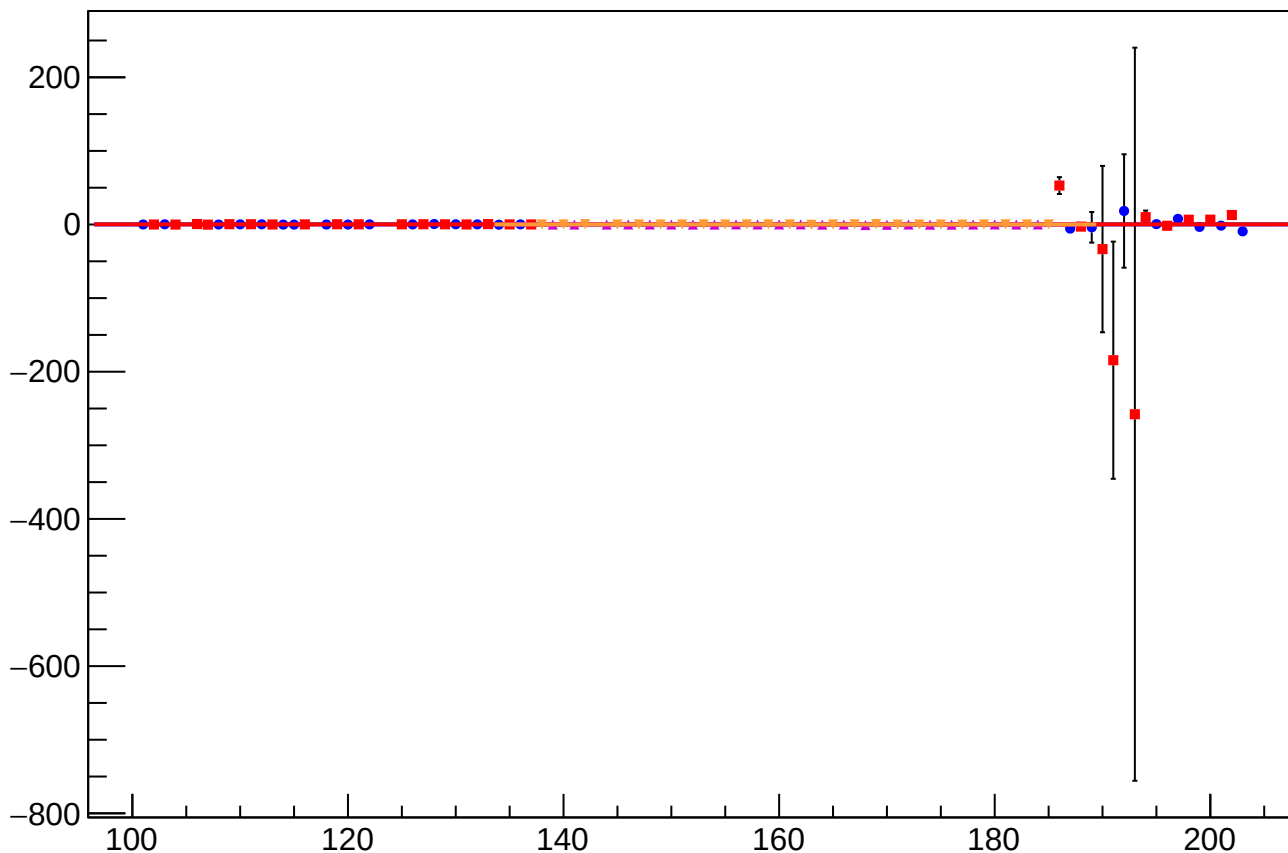
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 53.8/47

All: -0.056 ± 0.011 χ^2/NDF : 116.9/97

- sign -0.054 ± 0.015 χ^2/NDF : 63.1/49

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: 0.240 ± 0.054 χ^2/NDF : 53.2/26

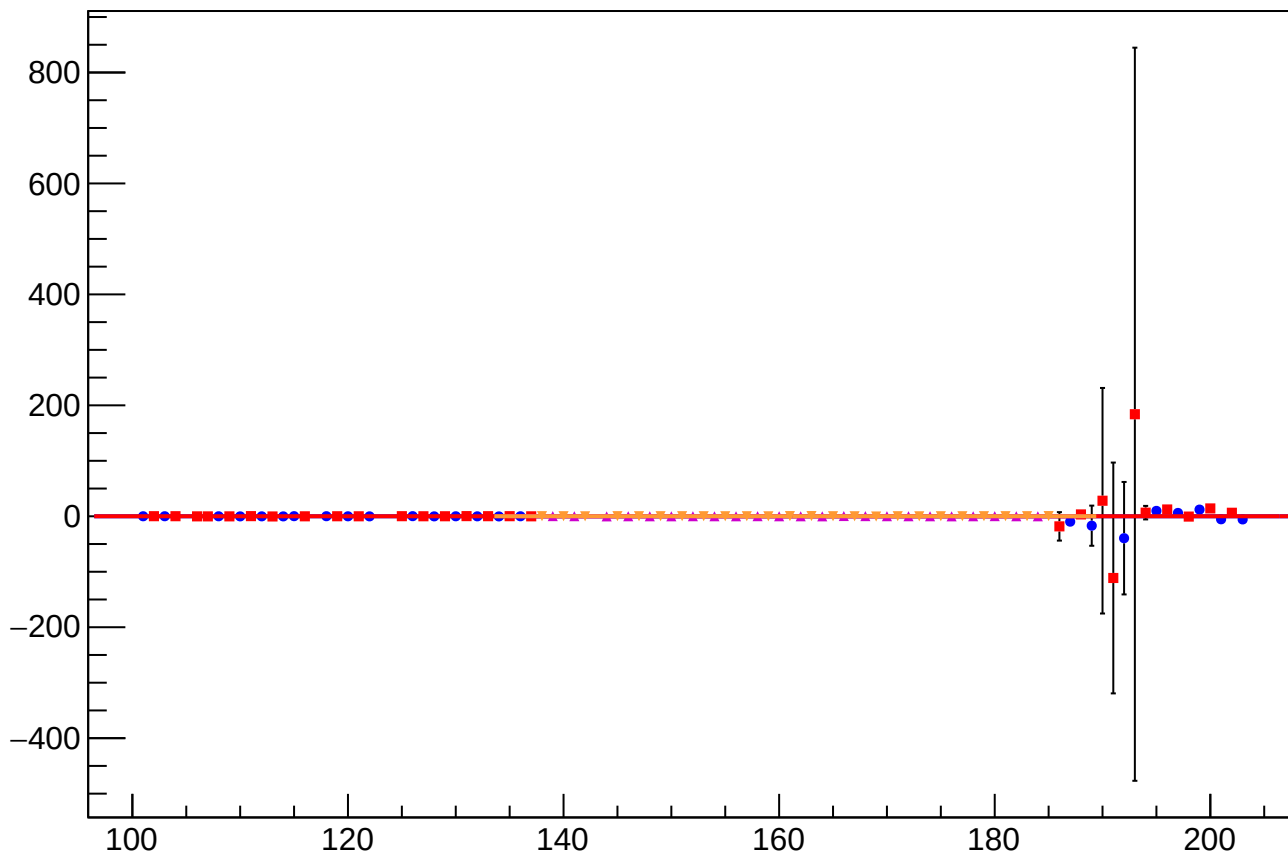
Left In: 0.020 ± 0.022 χ^2/NDF : 34.5/22

+ sign 0.095 ± 0.020 χ^2/NDF : 69.0/47

All: 0.073 ± 0.014 χ^2/NDF : 173.3/97

- sign 0.052 ± 0.020 χ^2/NDF : 102.0/49

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 : 29.7/26

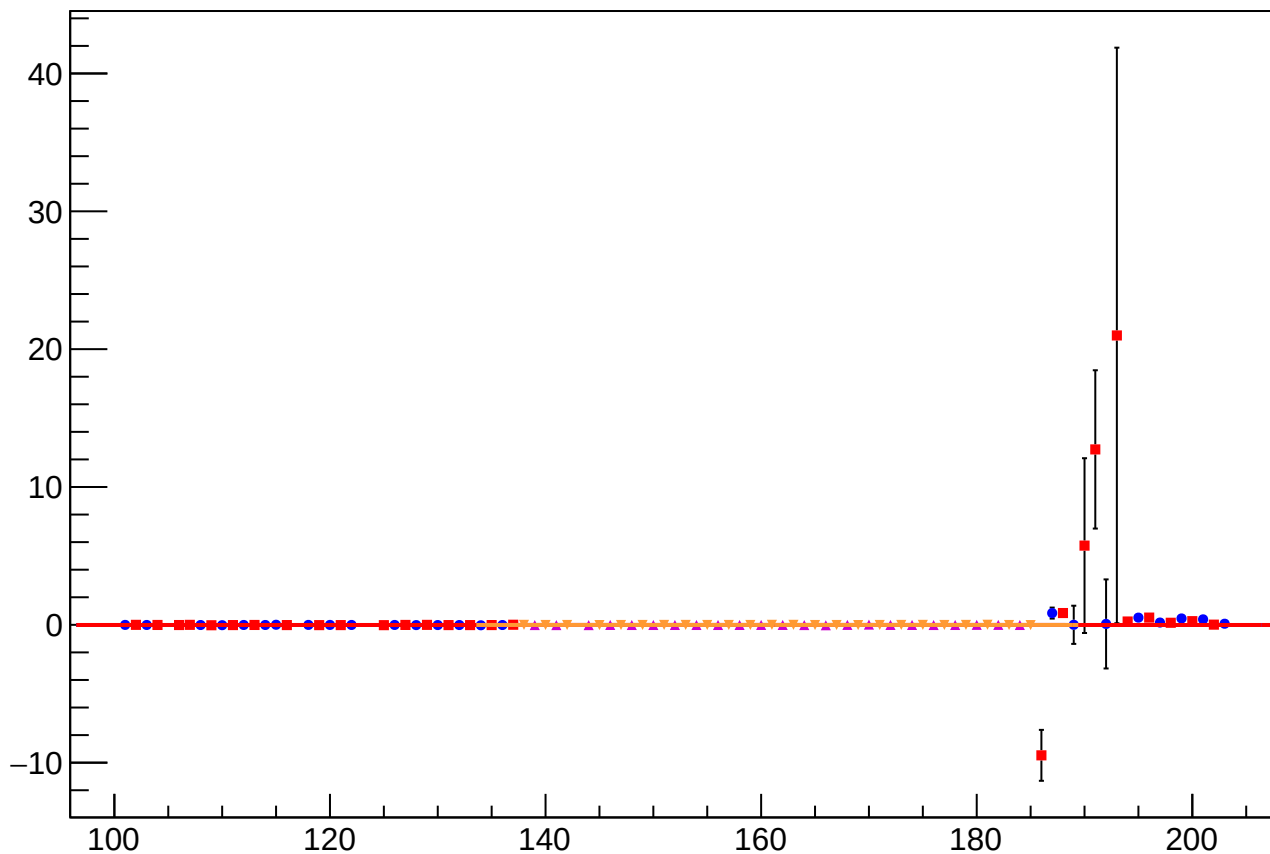
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 62.0/47

All: 0.072 ± 0.012 χ^2/NDF : 123.6/97

- sign 0.069 ± 0.017 χ^2/NDF : 61.5/49

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 : 79.9/26

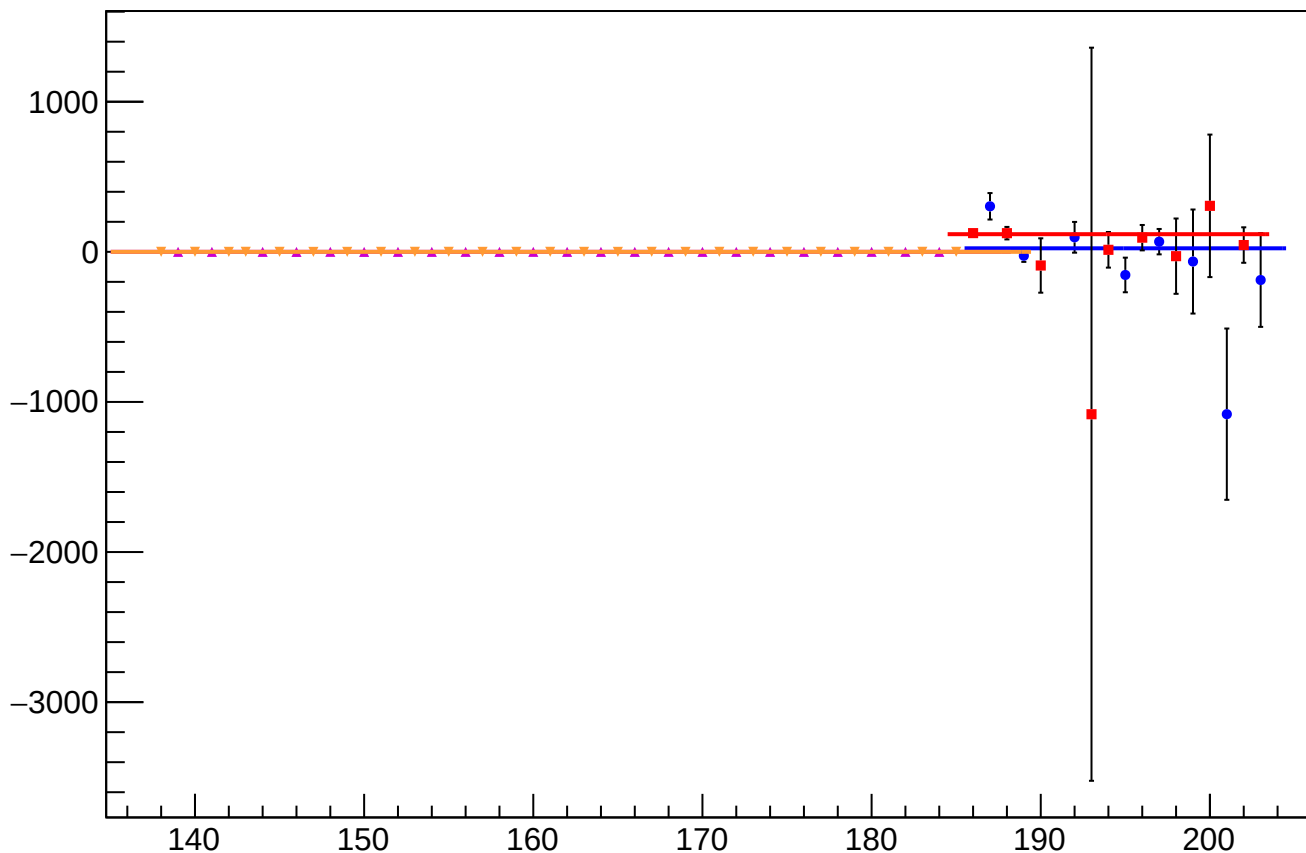
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 69.1/47

All: -0.009 ± 0.001 χ^2/NDF : 192.1/97

- sign -0.009 ± 0.001 χ^2/NDF : 122.8/49

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: 117.631 $\pm$ 16.367 χ^2 /NDF: 3.5/8

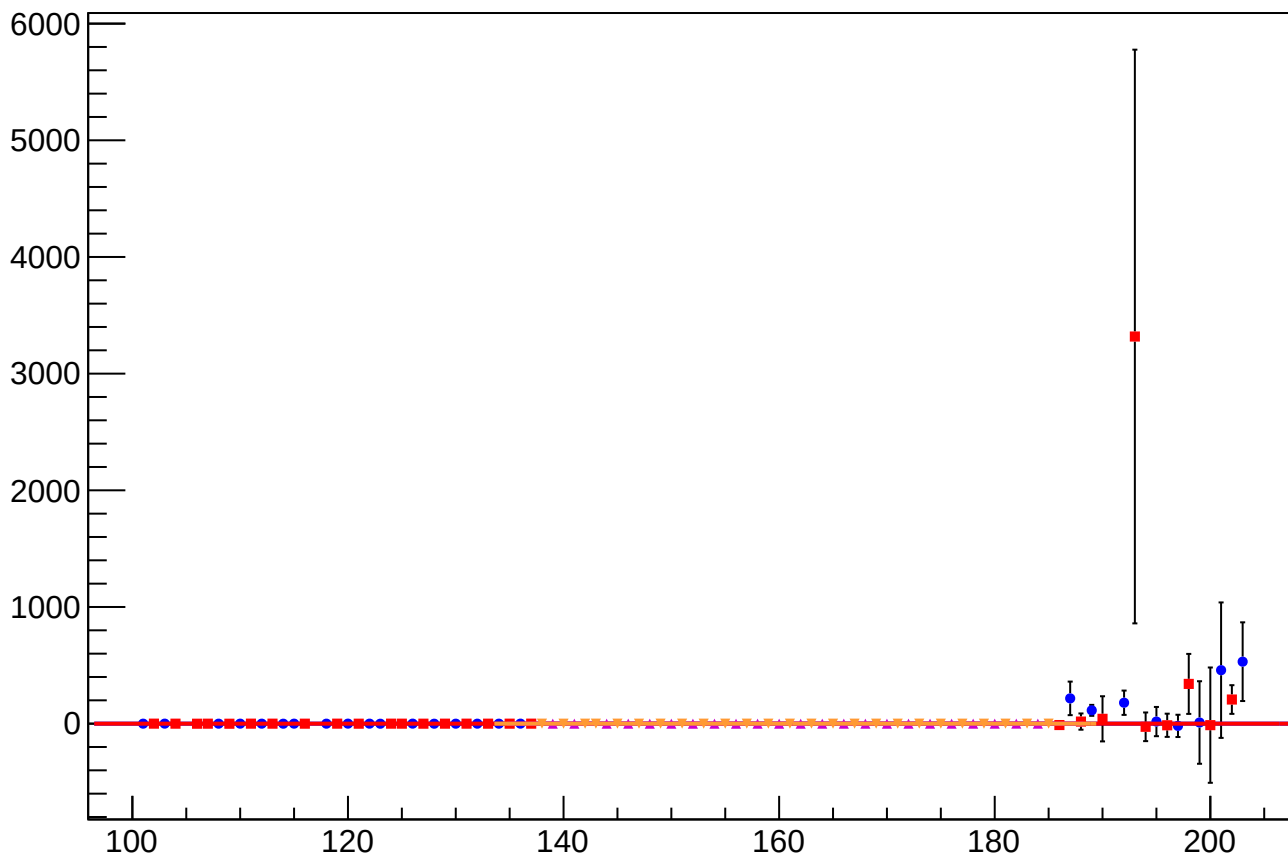
Left In: 0.004 $\pm$ 0.028 χ^2 /NDF: 28.2/22

+ sign 0.013 $\pm$ 0.027 χ^2 /NDF: 48.7/32

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 132.1/64

- sign 0.005 $\pm$ 0.028 χ^2 /NDF: 83.3/31

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 : 24.3/26

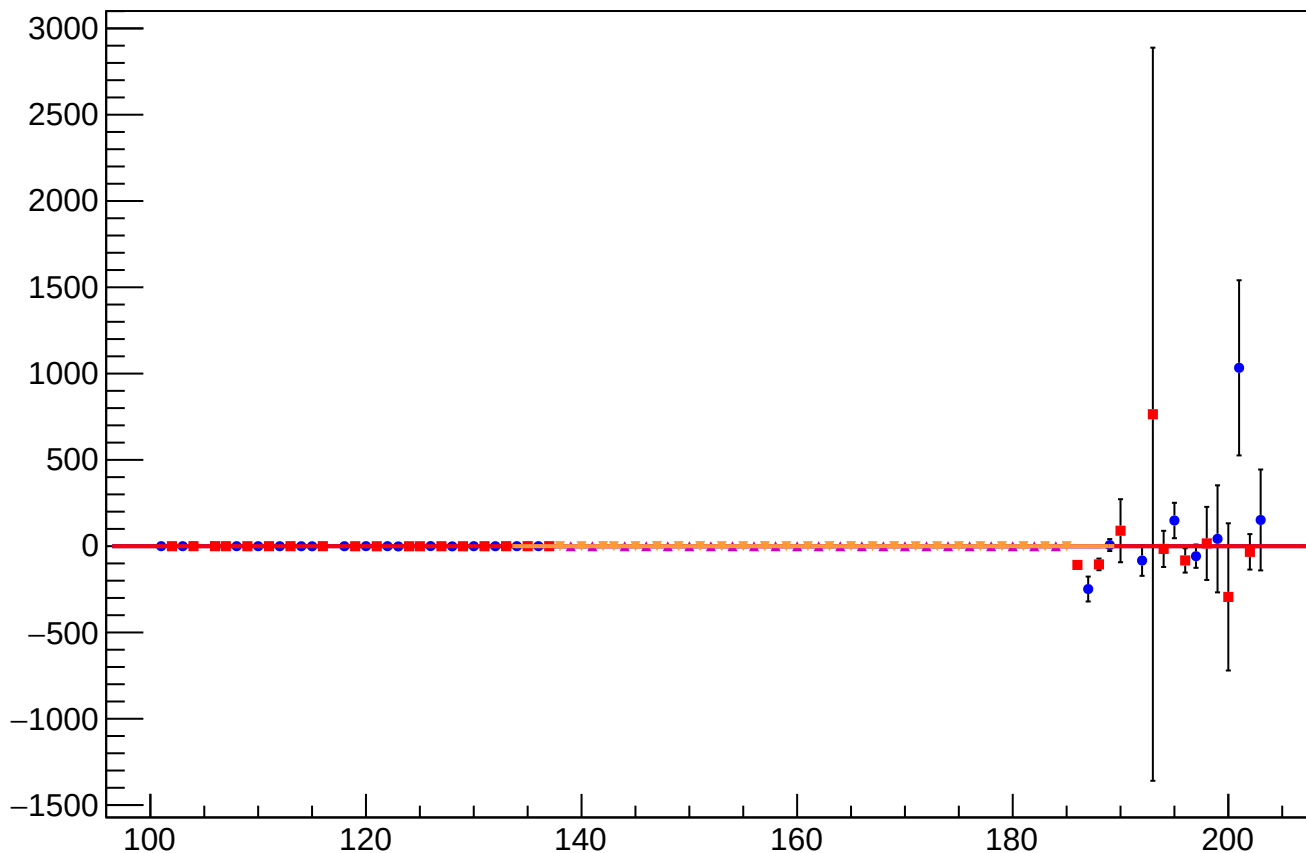
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 63.7/49

All: -0.066 ± 0.013 χ^2/NDF : 140.1/99

- sign -0.085 ± 0.019 χ^2/NDF : 74.6/49

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 : 70.2/26

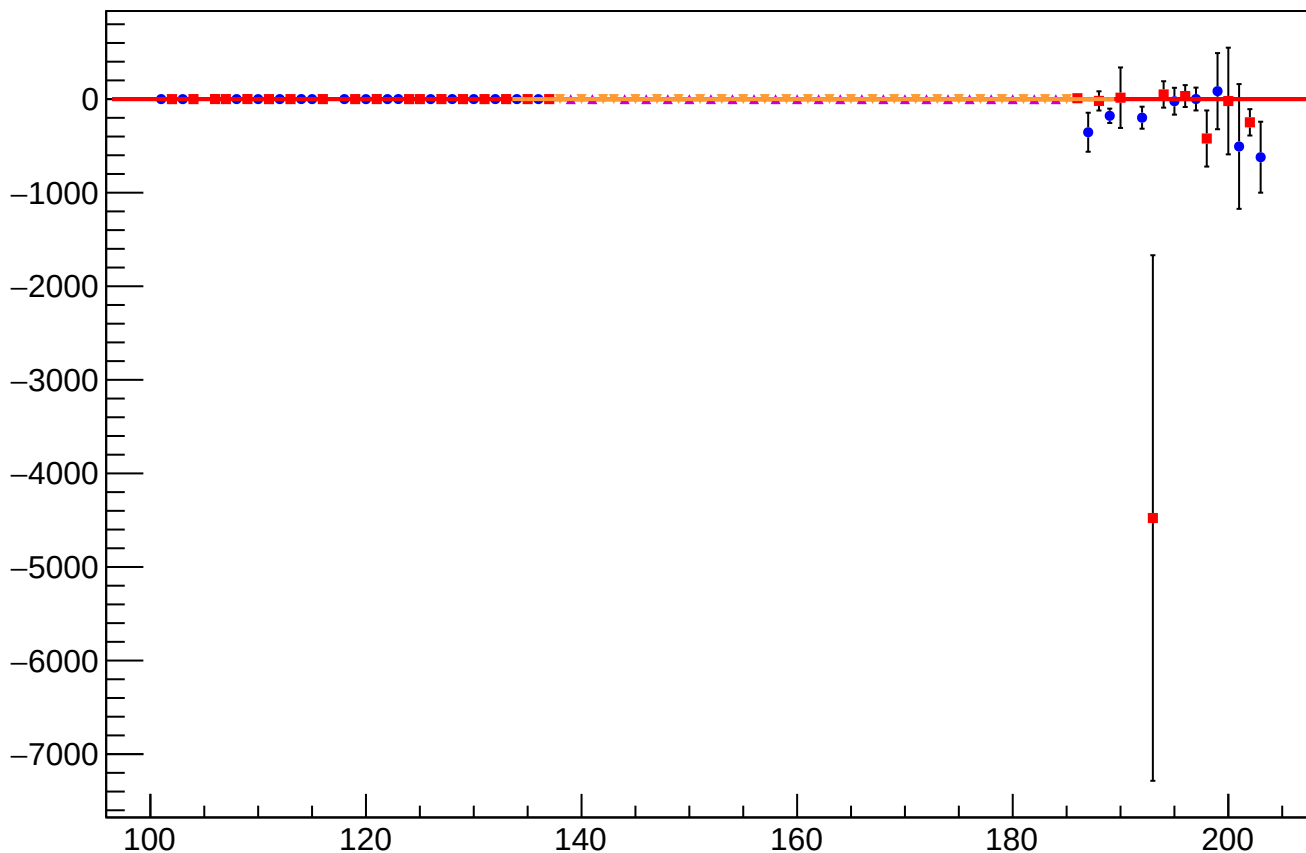
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 73.3/49

All: -0.042 ± 0.018 χ^2/NDF : 175.1/99

- sign -0.053 ± 0.026 χ^2/NDF : 101.4/49

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 $\pm$ 0.042 χ^2 /NDF: 37.0/24

Left Out: 0.062 $\pm$ 0.024 χ^2 /NDF:25.0/24

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 23.7/26

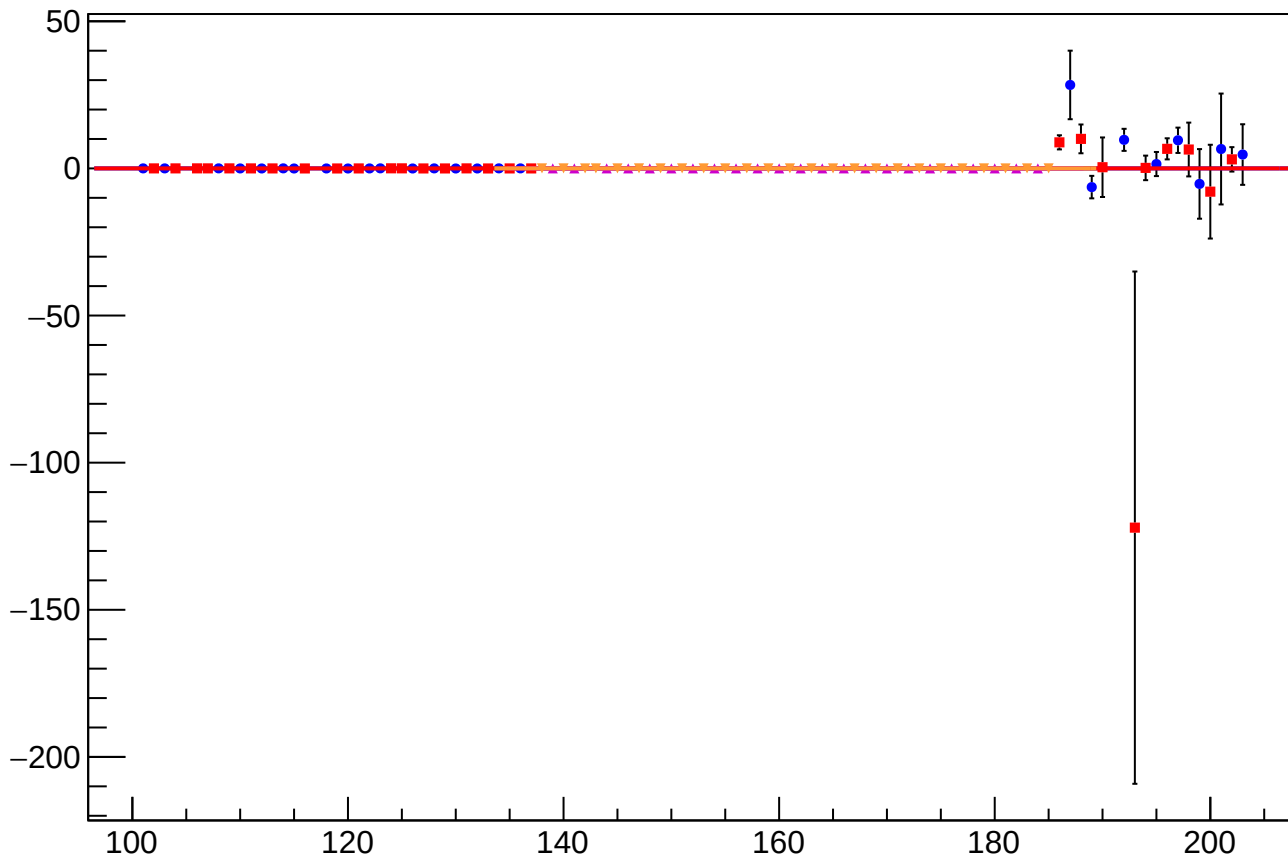
Left In: 0.069 $\pm$ 0.025 χ^2 /NDF:51.4/22

+ sign 0.052 $\pm$ 0.021 χ^2 /NDF: 62.7/49

All: 0.069 $\pm$ 0.015 χ^2 /NDF: 141.9/99

- sign 0.088 $\pm$ 0.022 χ^2 /NDF: 77.7/49

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 : 45.1/26

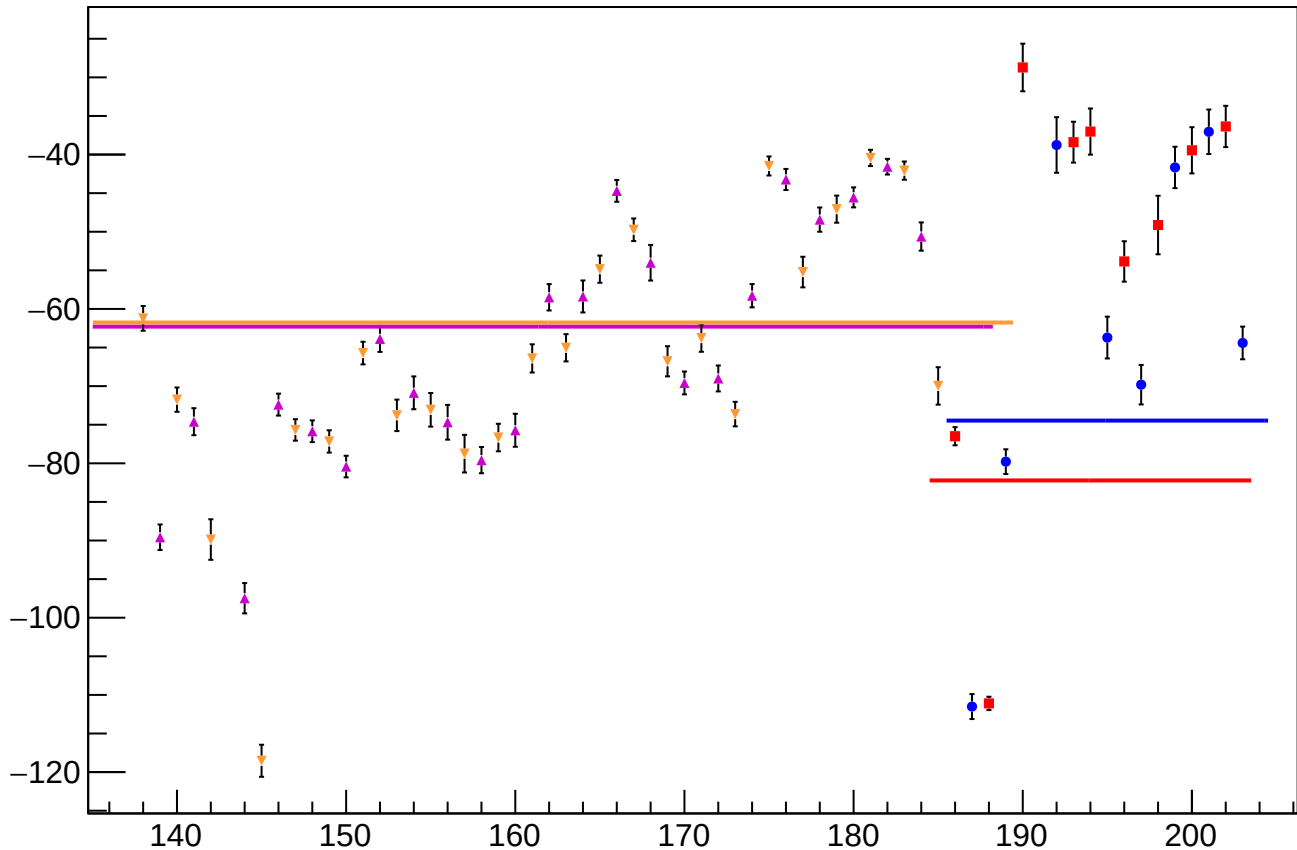
Left In: 0.009 ± 0.001 χ^2/NDF : 15.8/22

+ sign 0.007 ± 0.001 χ^2/NDF : 87.5/49

All: 0.007 ± 0.001 χ^2/NDF : 155.6/99

- sign 0.008 ± 0.001 χ^2/NDF : 67.7/49

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: -82.217 ± 0.589 χ^2/NDF : 2636.8/8

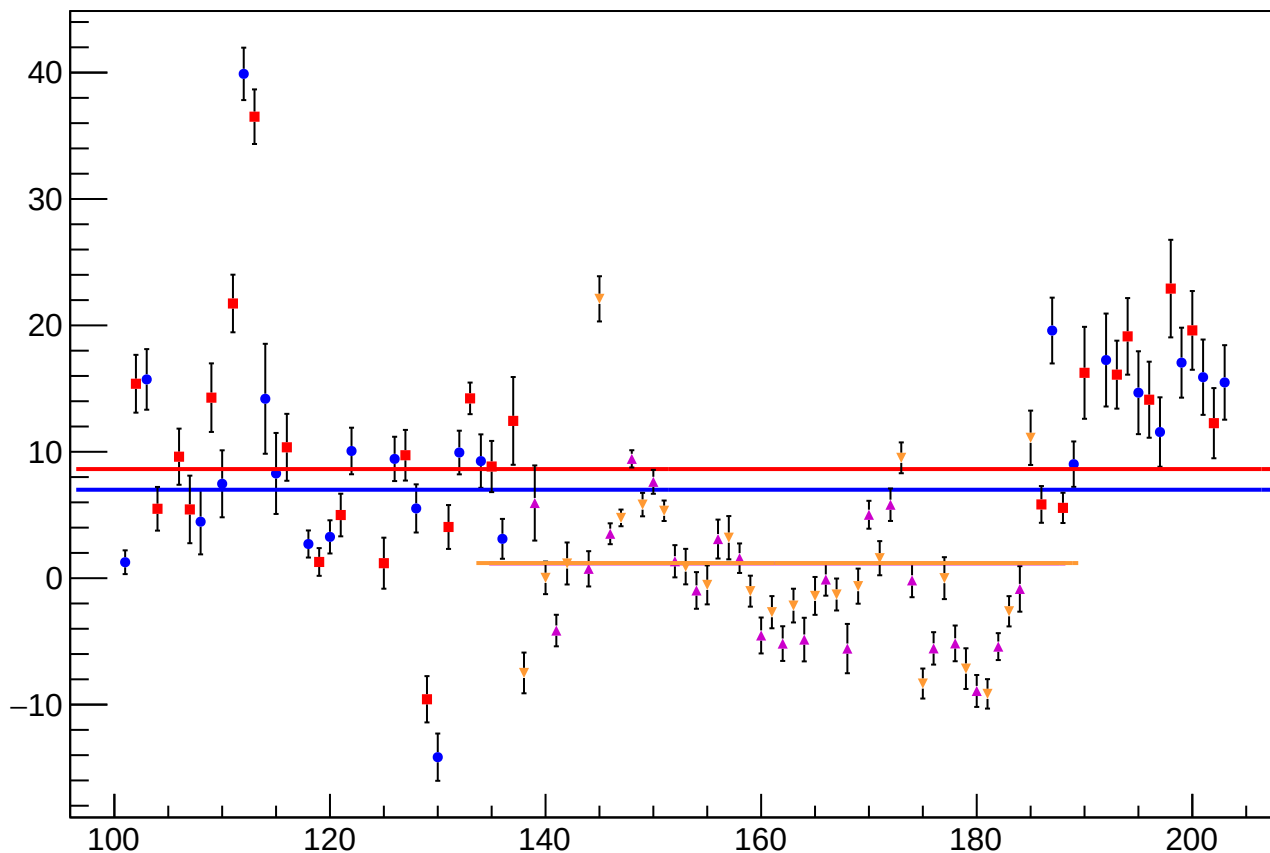
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ sign -63.698 ± 0.307 χ^2/NDF : 3724.0/31

All: -65.495 ± 0.210 χ^2/NDF : 9560.7/63

- sign -67.081 ± 0.289 χ^2/NDF : 5772.3/31

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.998 ± 0.387 $\chi^2/\text{NDF}: 545.0/23$

Left Out: 1.197 ± 0.252 $\chi^2/\text{NDF}: 526.1/23$

Right Out: 8.633 ± 0.385 $\chi^2/\text{NDF}: 474.3/25$

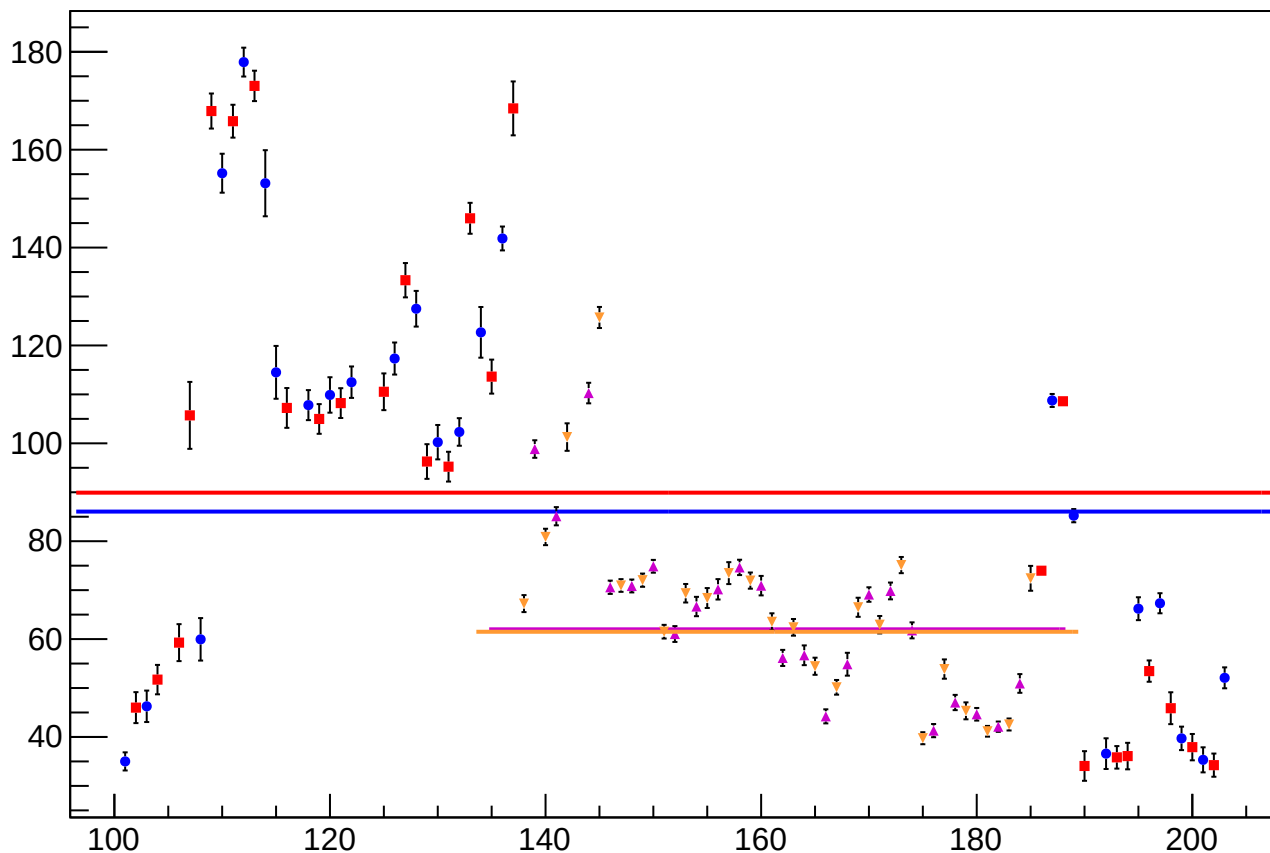
Left In: 1.171 ± 0.255 $\chi^2/\text{NDF}: 466.2/22$

+ sign 2.931 ± 0.211 $\chi^2/\text{NDF}: 1228.9/47$

All: 3.185 ± 0.150 $\chi^2/\text{NDF}: 2433.3/96$

- sign 3.441 ± 0.213 $\chi^2/\text{NDF}: 1201.5/48$

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: 89.920 $\pm$ 0.420 χ^2 /NDF: 6646.4/25

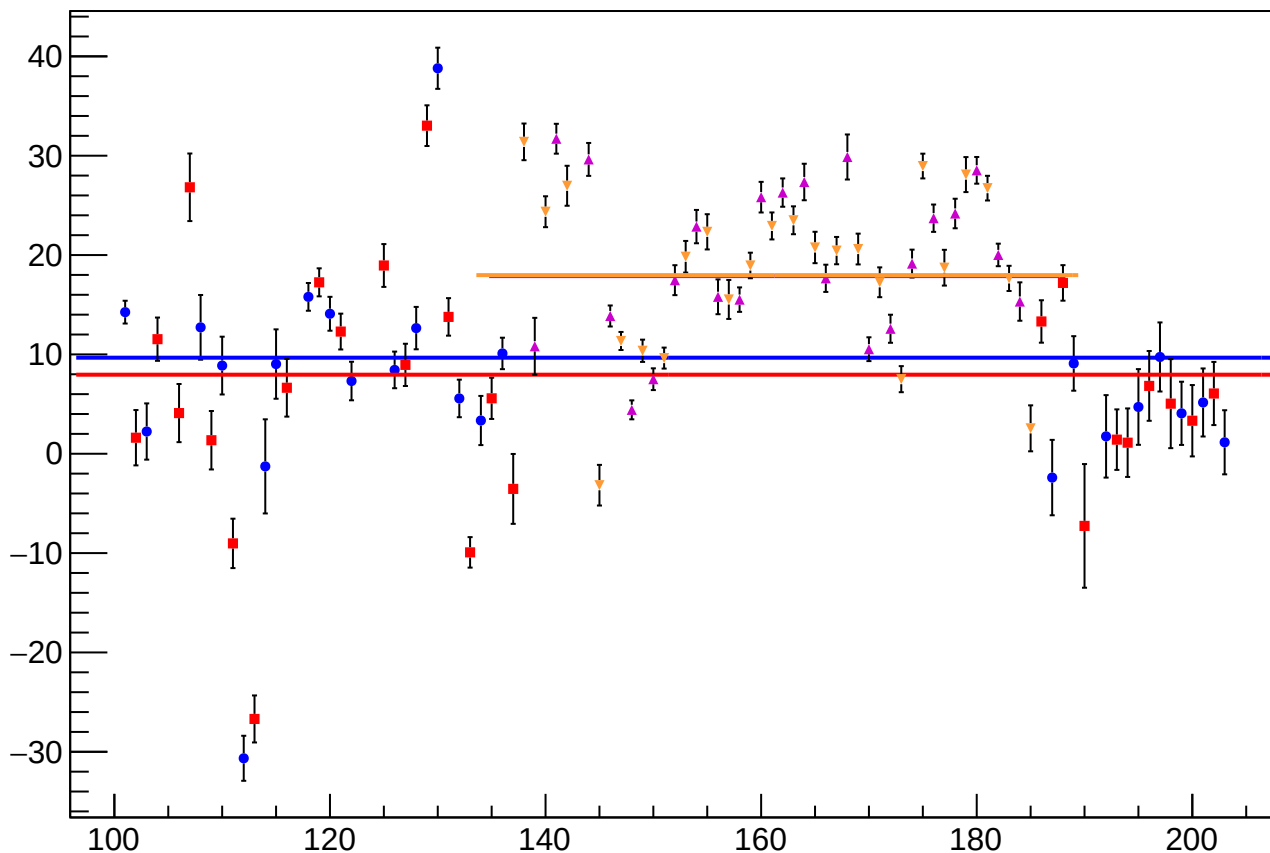
Left In: 61.995 $\pm$ 0.329 χ^2 /NDF: 2517.6/22

+ sign 68.639 $\pm$ 0.280 χ^2 /NDF: 9265.0/47

All: 70.775 $\pm$ 0.190 χ^2 /NDF: 21275.7/96

- sign 72.605 $\pm$ 0.259 χ^2 /NDF: 11902.4/48

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: 7.958 $\pm$ 0.462 χ^2/NDF : 739.3/25

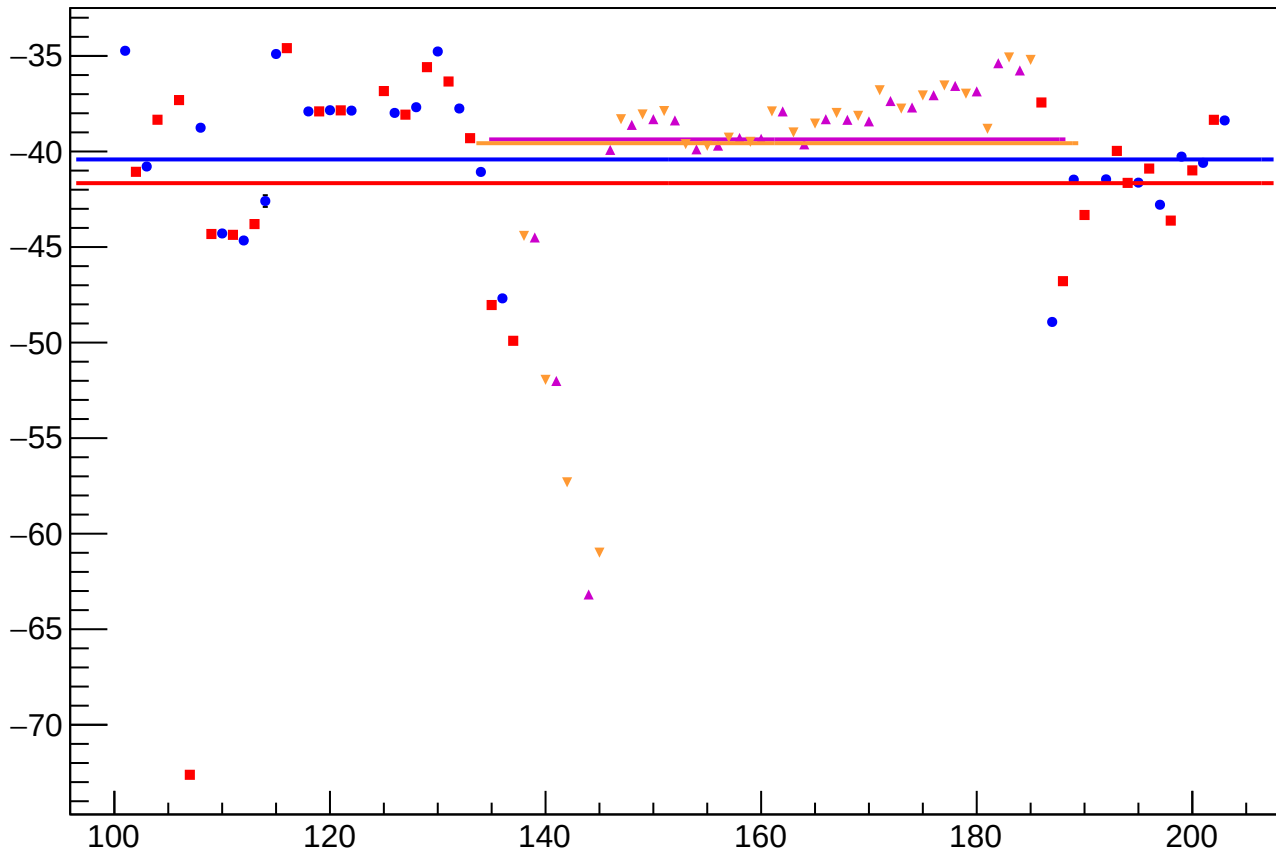
Left In: 17.881 $\pm$ 0.292 χ^2/NDF : 730.9/22

+ sign 15.572 $\pm$ 0.245 χ^2/NDF : 1523.1/47

All: 15.316 $\pm$ 0.174 χ^2/NDF : 3324.9/96

- sign 15.057 $\pm$ 0.247 χ^2/NDF : 1799.6/48

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: -41.657 ± 0.023 $\chi^2/\text{NDF}: 66069.5/25$

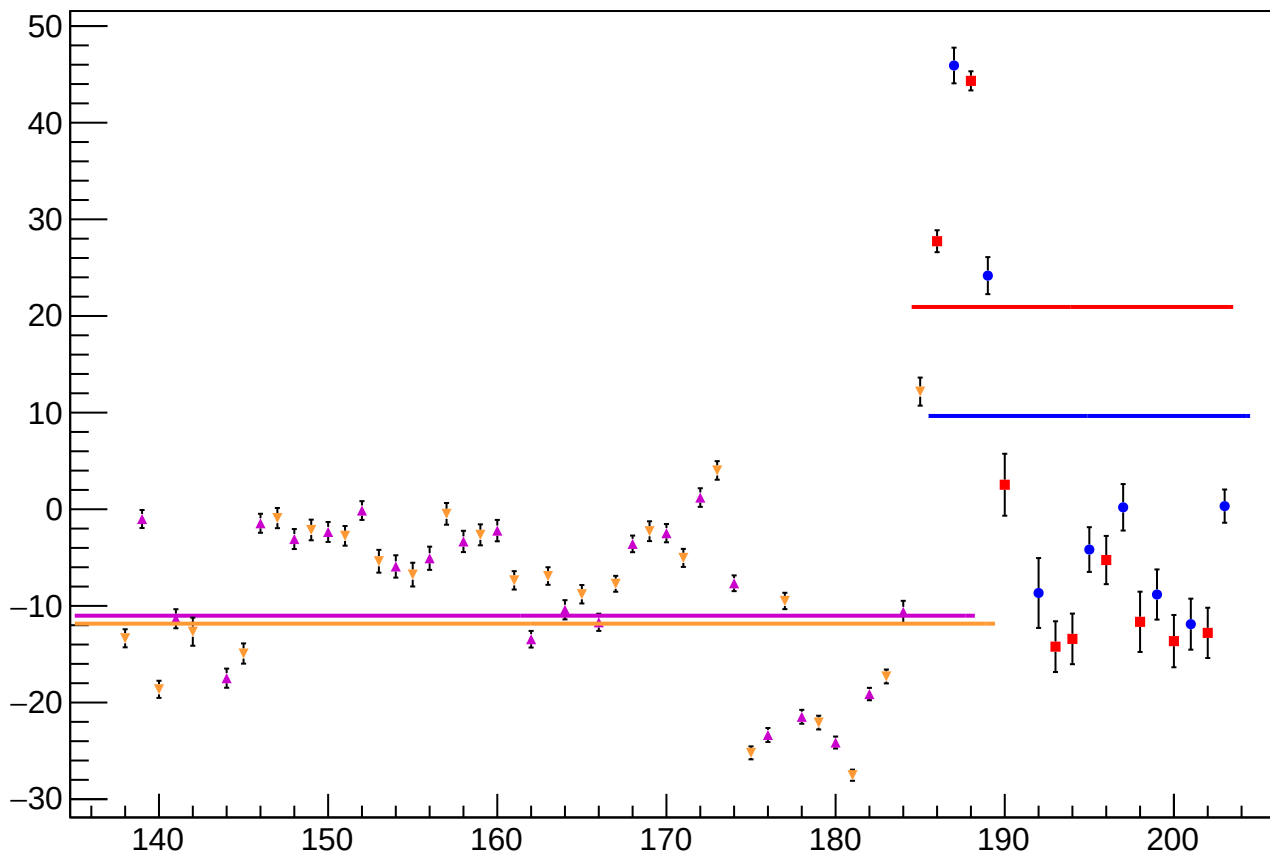
Left In: -39.368 ± 0.014 $\chi^2/\text{NDF}: 117958.1/22$

+ sign -39.787 ± 0.012 $\chi^2/\text{NDF}: 169925.7/47$

All: -39.881 ± 0.008 $\chi^2/\text{NDF}: 361618.6/96$

- sign -39.972 ± 0.012 $\chi^2/\text{NDF}: 191567.8/48$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 9.654 $\pm$ 0.783 χ^2/NDF : 667.2/7

Left Out: -11.837 $\pm$ 0.187 χ^2/NDF : 2742.4/23

Right Out: 20.933 $\pm$ 0.605 χ^2/NDF : 1529.1/8

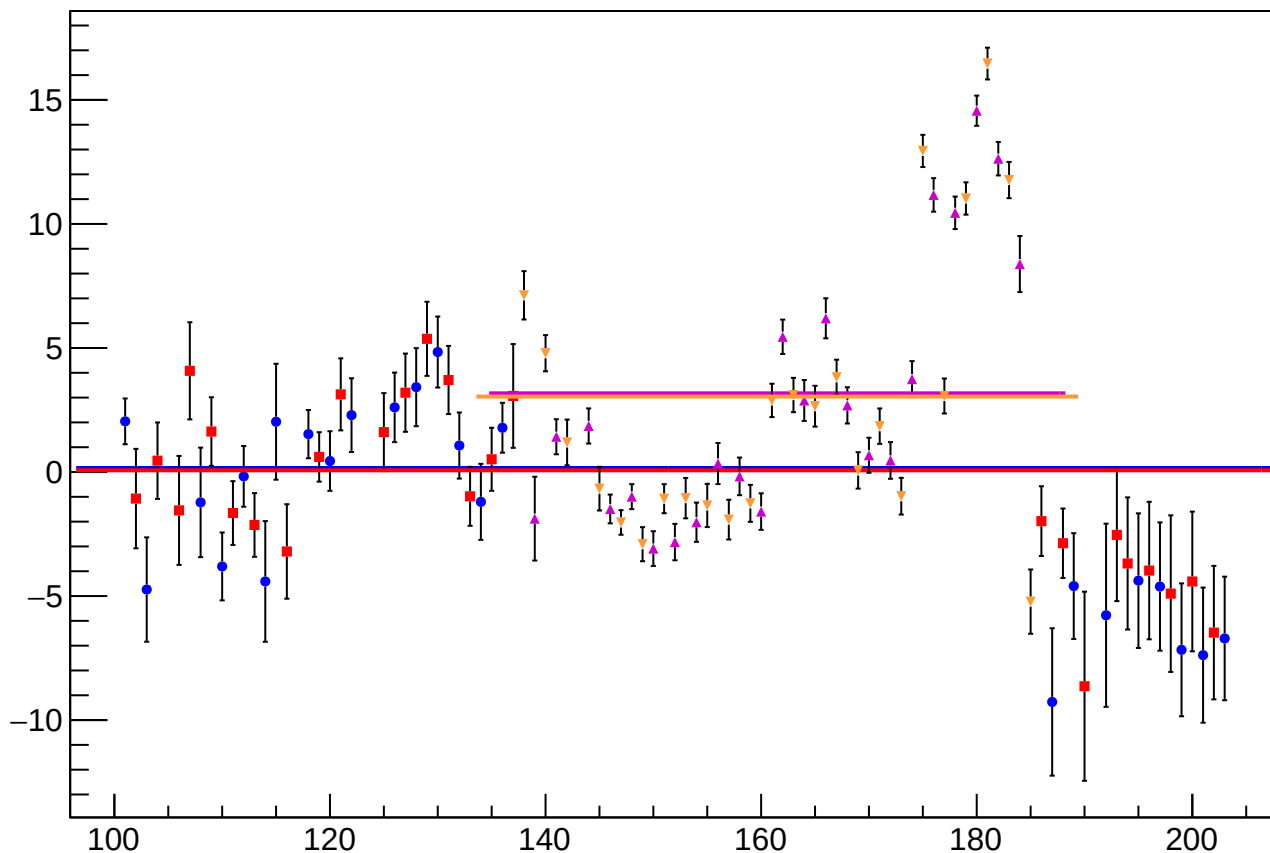
Left In: -11.014 $\pm$ 0.187 χ^2/NDF : 2116.6/22

+ sign -10.679 $\pm$ 0.182 χ^2/NDF : 4122.8/31

All: -9.431 $\pm$ 0.127 χ^2/NDF : 10406.6/63

- sign -8.223 $\pm$ 0.179 χ^2/NDF : 6190.9/31

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.162 ± 0.318 $\chi^2/\text{NDF}: 95.2/23$

Left Out: 3.042 ± 0.148 $\chi^2/\text{NDF}: 1452.6/23$

Right Out: 0.069 ± 0.319 $\chi^2/\text{NDF}: 74.0/25$

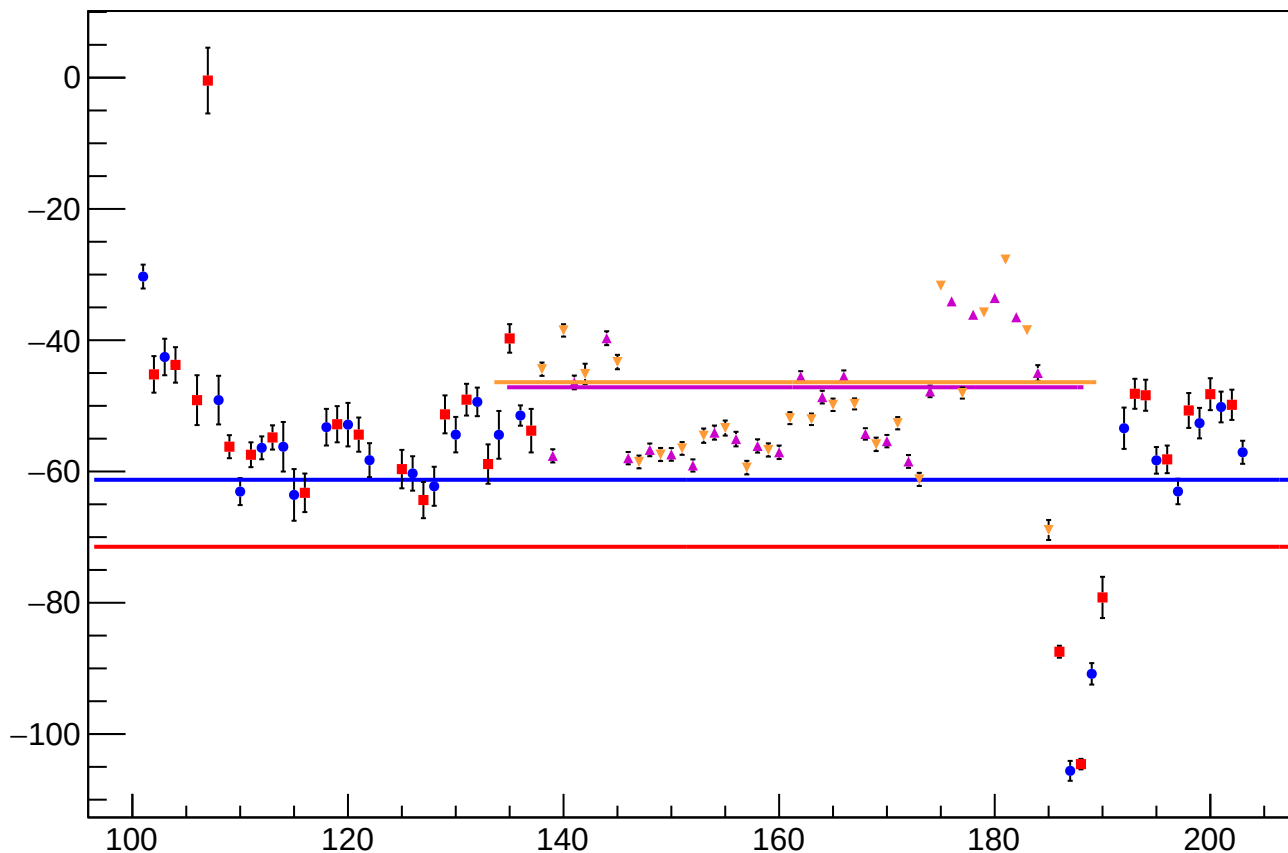
Left In: 3.172 ± 0.150 $\chi^2/\text{NDF}: 1297.9/22$

+ sign 2.531 ± 0.134 $\chi^2/\text{NDF}: 1615.2/47$

All: 2.571 ± 0.095 $\chi^2/\text{NDF}: 3064.9/96$

- sign 2.613 ± 0.135 $\chi^2/\text{NDF}: 1449.6/48$

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: -71.469 ± 0.390 χ^2/NDF : 3671.6/25

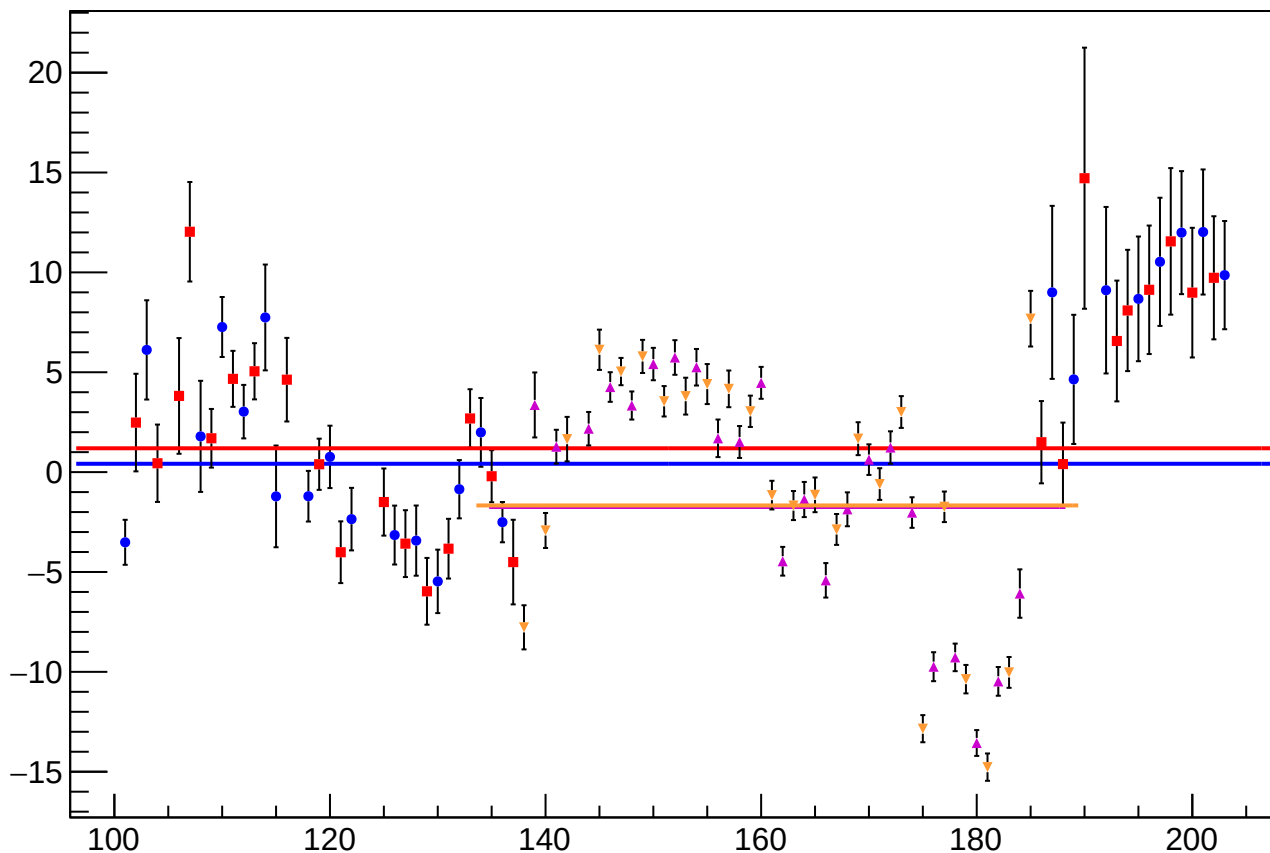
Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

+ sign -48.518 ± 0.173 χ^2/NDF : 5881.2/47

All: -50.152 ± 0.121 χ^2/NDF : 15419.7/96

- sign -51.701 ± 0.168 χ^2/NDF : 9364.2/48

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 0.418 ± 0.364 χ^2/NDF : 156.5/23

Left Out: -1.668 ± 0.167 χ^2/NDF : 1479.3/23

Right Out: 1.193 ± 0.370 χ^2/NDF : 138.4/25

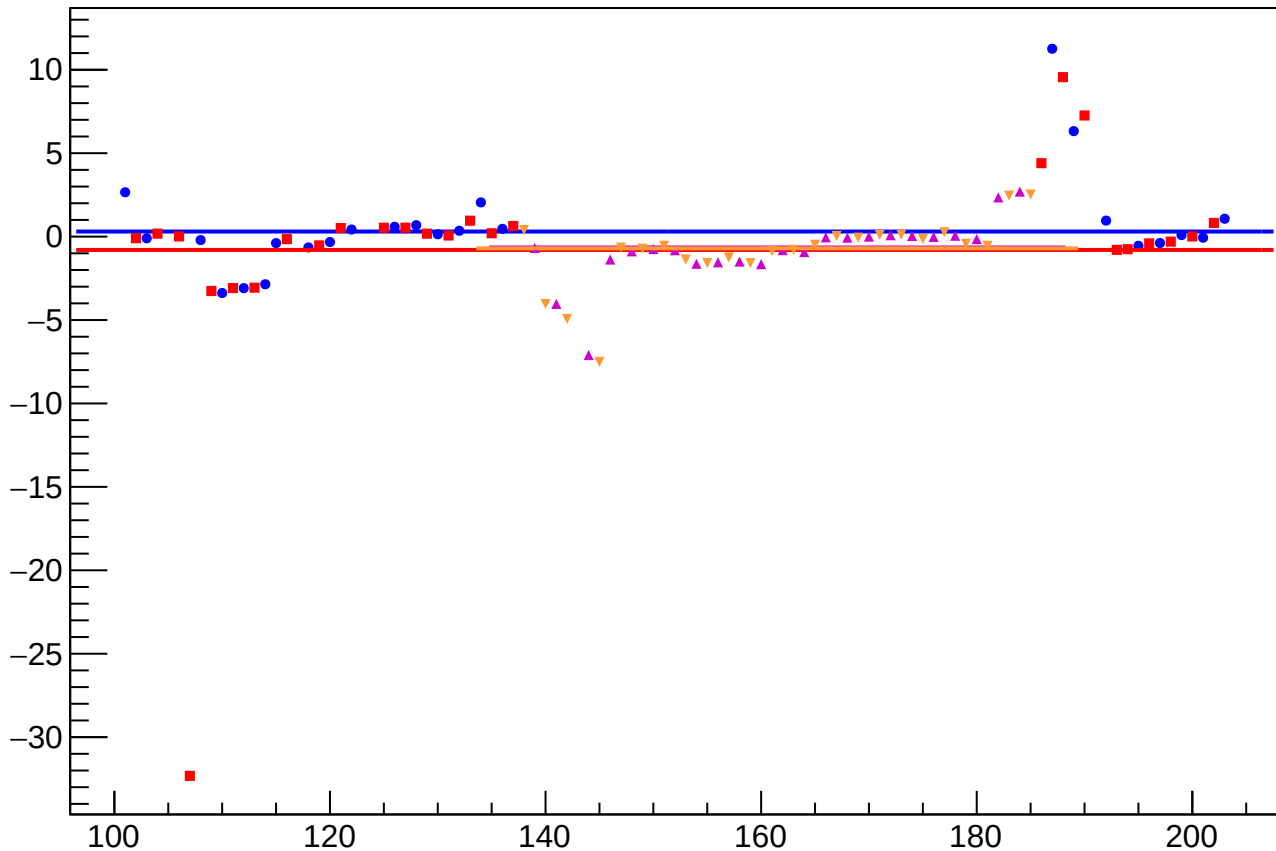
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.306 ± 0.152 χ^2/NDF : 1662.9/47

All: -1.274 ± 0.108 χ^2/NDF : 3107.9/96

- sign -1.240 ± 0.153 χ^2/NDF : 1444.9/48

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: -0.799 ± 0.018 χ^2/NDF : 92578.0/25

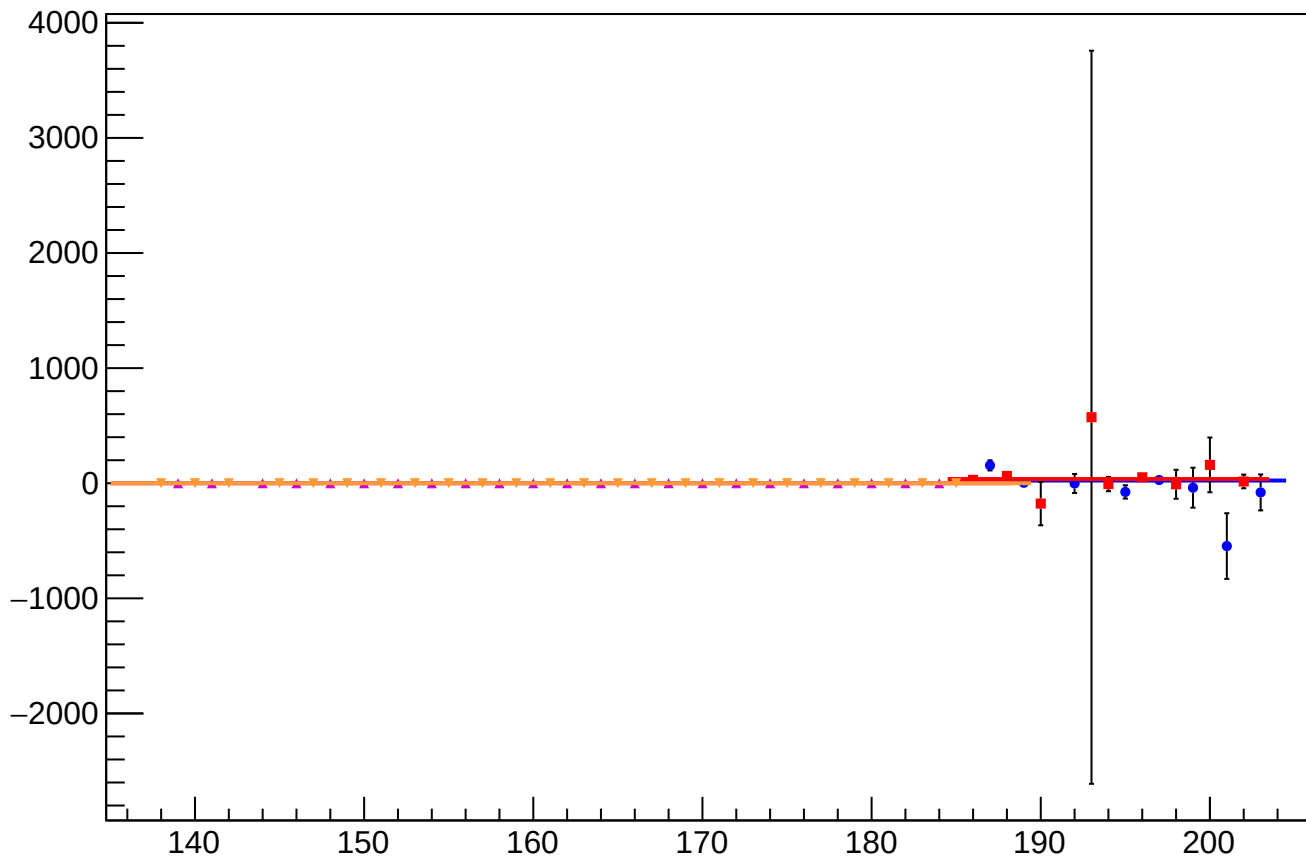
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ sign -0.559 ± 0.007 χ^2/NDF : 65751.7/47

All: -0.616 ± 0.005 χ^2/NDF : 202681.0/96

- sign -0.673 ± 0.007 χ^2/NDF : 136799.6/48

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: 36.350+/-9.833 χ^2/NDF : 4.4/8

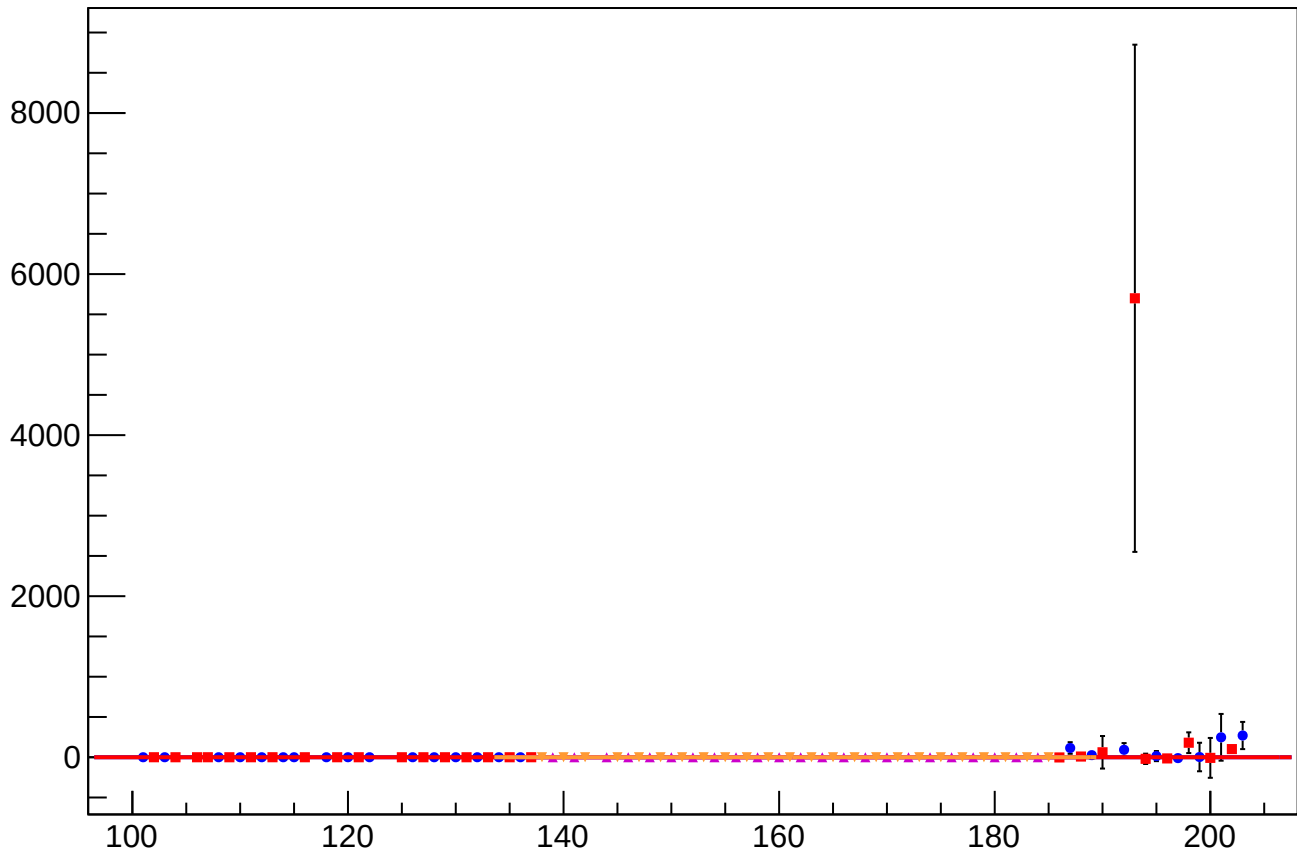
Left In: -0.009+/-0.018 χ^2/NDF : 35.3/22

+ sign -0.038+/-0.018 χ^2/NDF : 54.1/31

All: -0.024+/-0.013 χ^2/NDF : 108.7/63

- sign -0.009+/-0.018 χ^2/NDF : 53.4/31

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 : 17.5/25

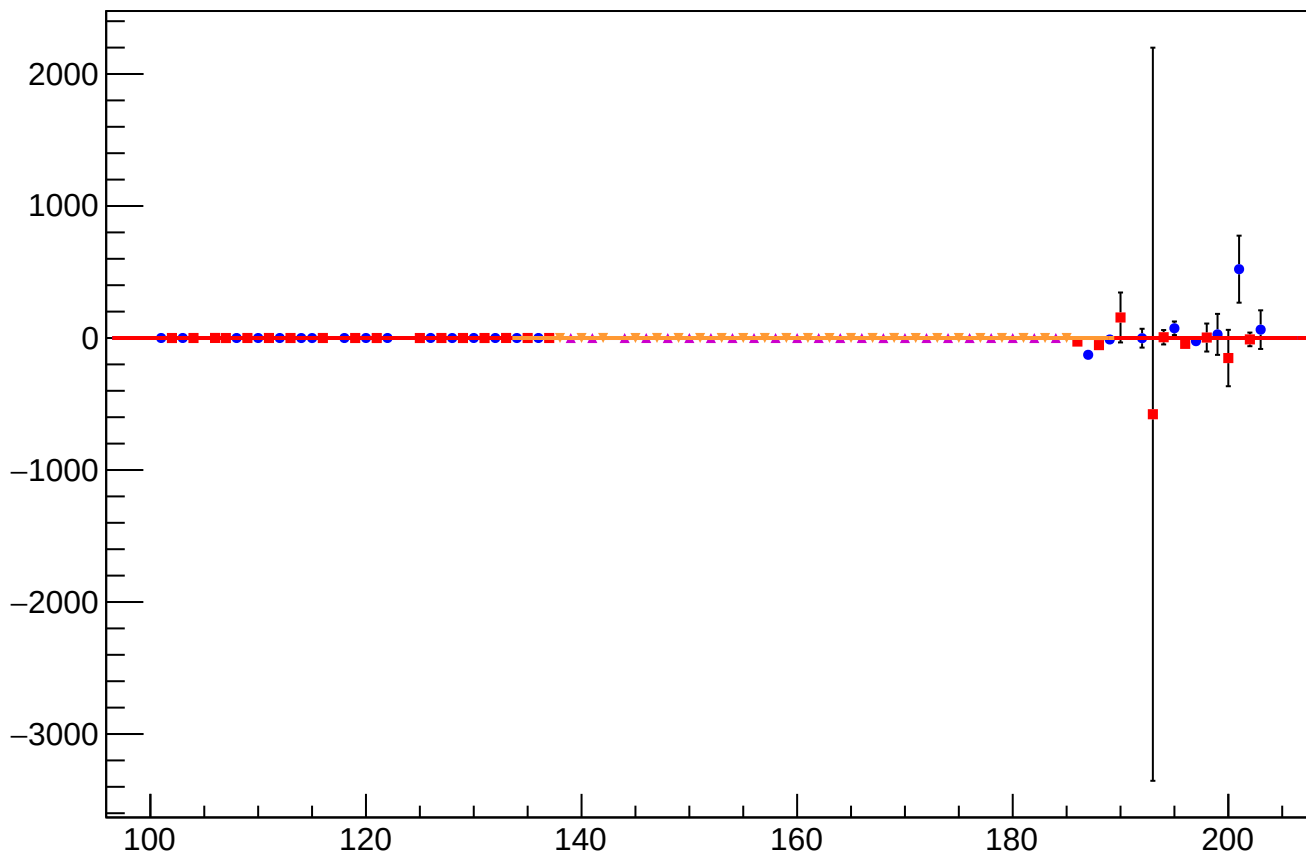
Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

+ sign -0.057 ± 0.012 χ^2/NDF : 52.7/47

All: -0.064 ± 0.009 χ^2/NDF : 112.3/96

- sign -0.072 ± 0.012 χ^2/NDF : 58.8/48

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 : 28.9/25

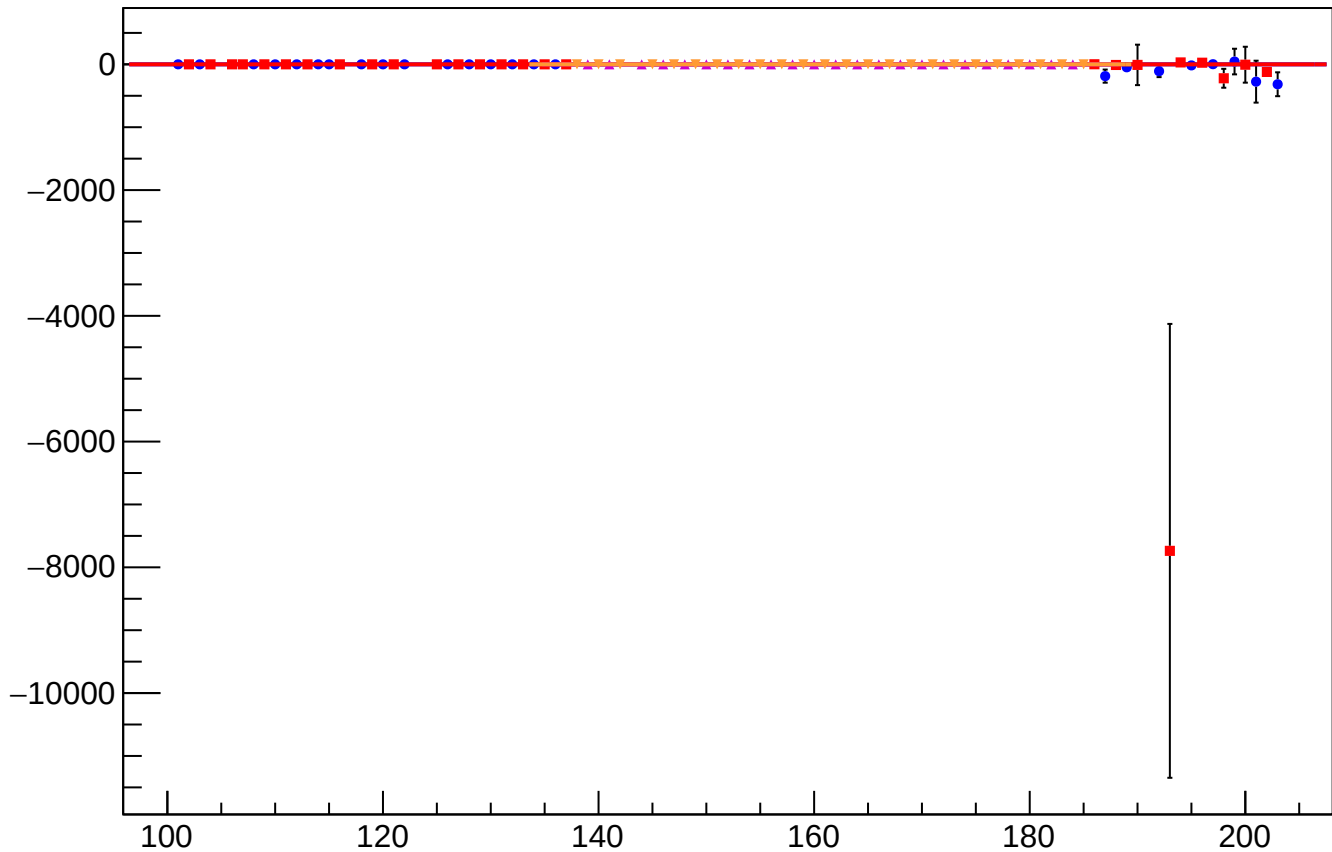
Left In: -0.010 $\pm$ 0.018 χ^2/NDF : 37.1/22

+ sign 0.033 $\pm$ 0.017 χ^2/NDF : 61.8/47

All: 0.014 $\pm$ 0.012 χ^2/NDF : 131.0/96

- sign -0.005 $\pm$ 0.017 χ^2/NDF : 66.6/48

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 : 18.1/25

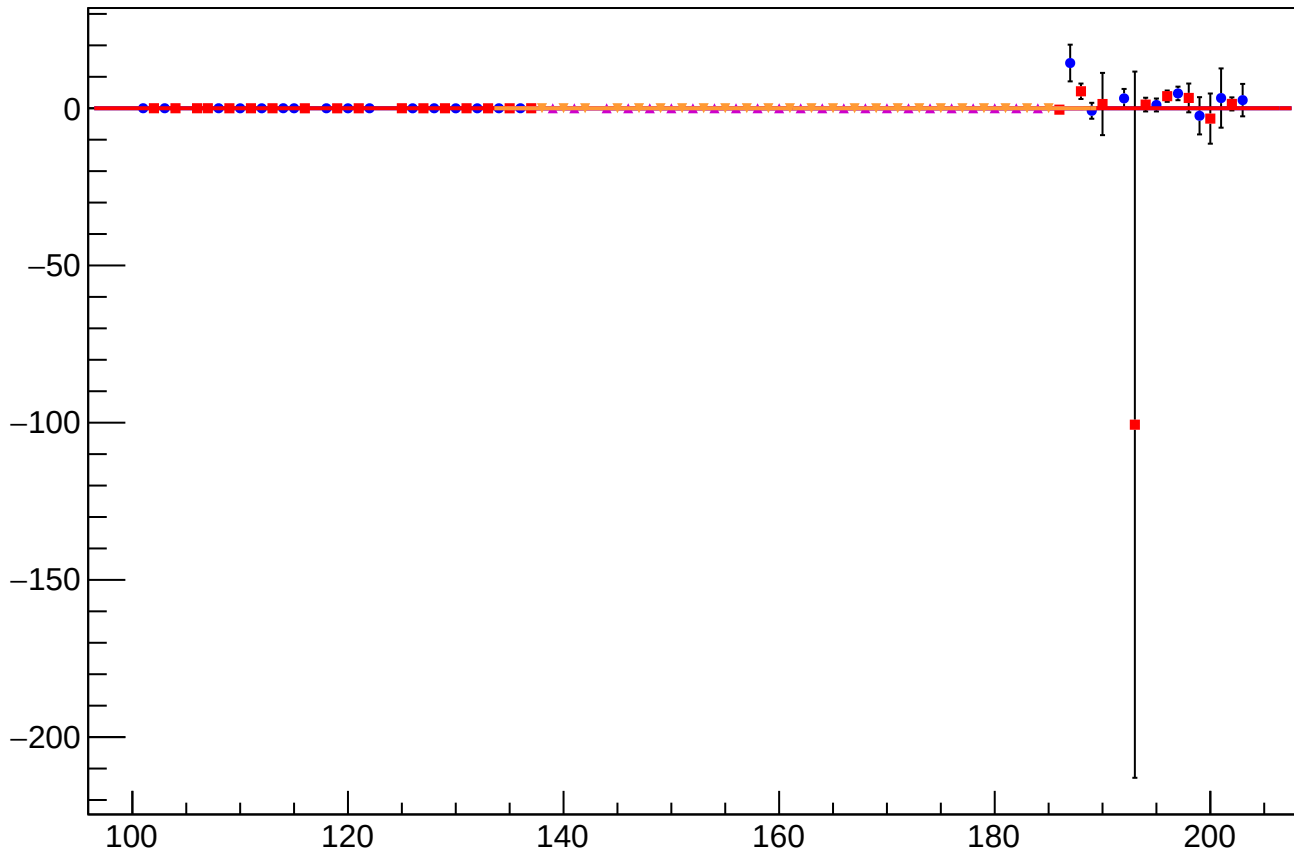
Left In: 0.071 ± 0.016 χ^2/NDF : 44.0/22

+ sign 0.065 ± 0.014 χ^2/NDF : 55.2/47

All: 0.073 ± 0.010 χ^2/NDF : 119.1/96

- sign 0.081 ± 0.014 χ^2/NDF : 63.4/48

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 : 35.4/25

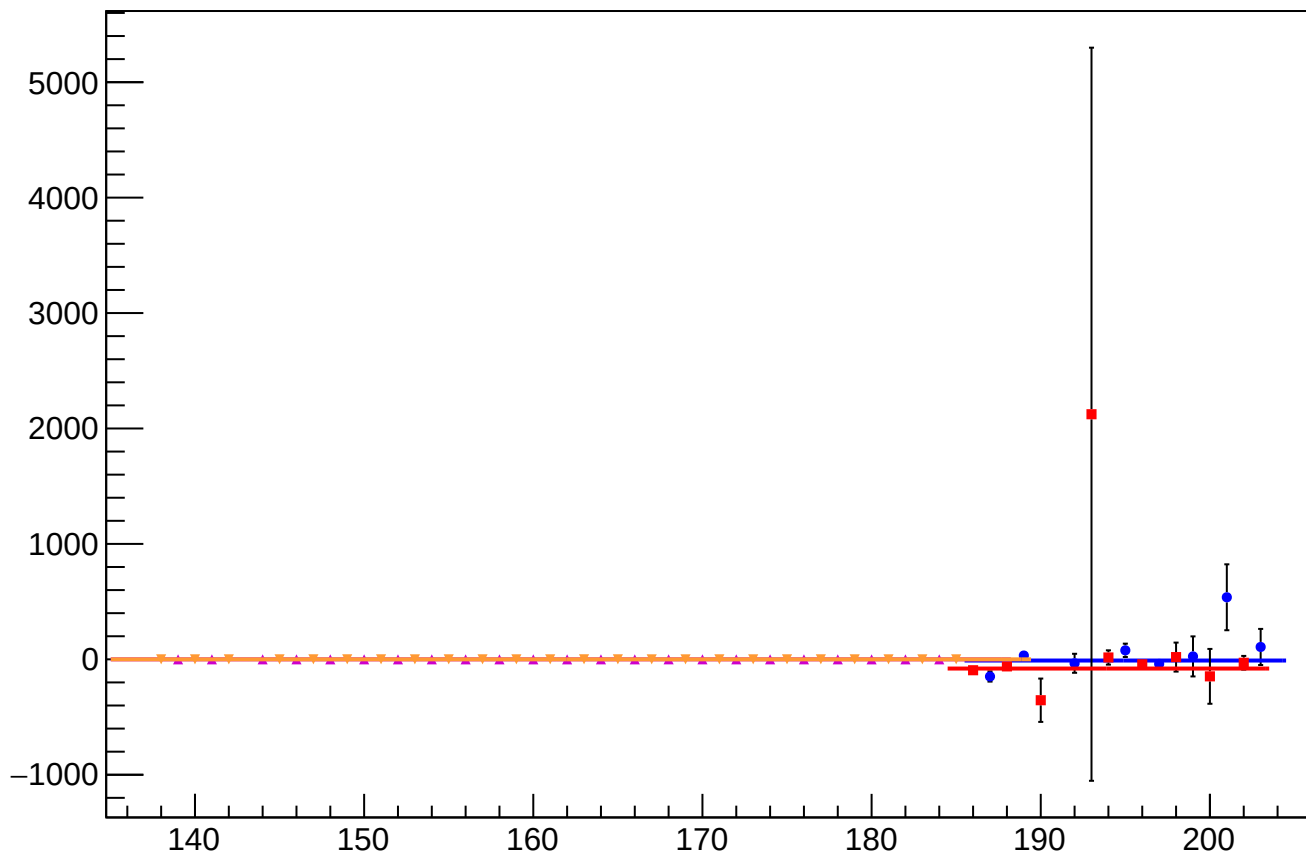
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 72.4/47

All: -0.001 ± 0.000 χ^2/NDF : 137.3/96

- sign -0.001 ± 0.001 χ^2/NDF : 65.0/48

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: -79.823 ± 9.835 χ^2/NDF : 9.5/8

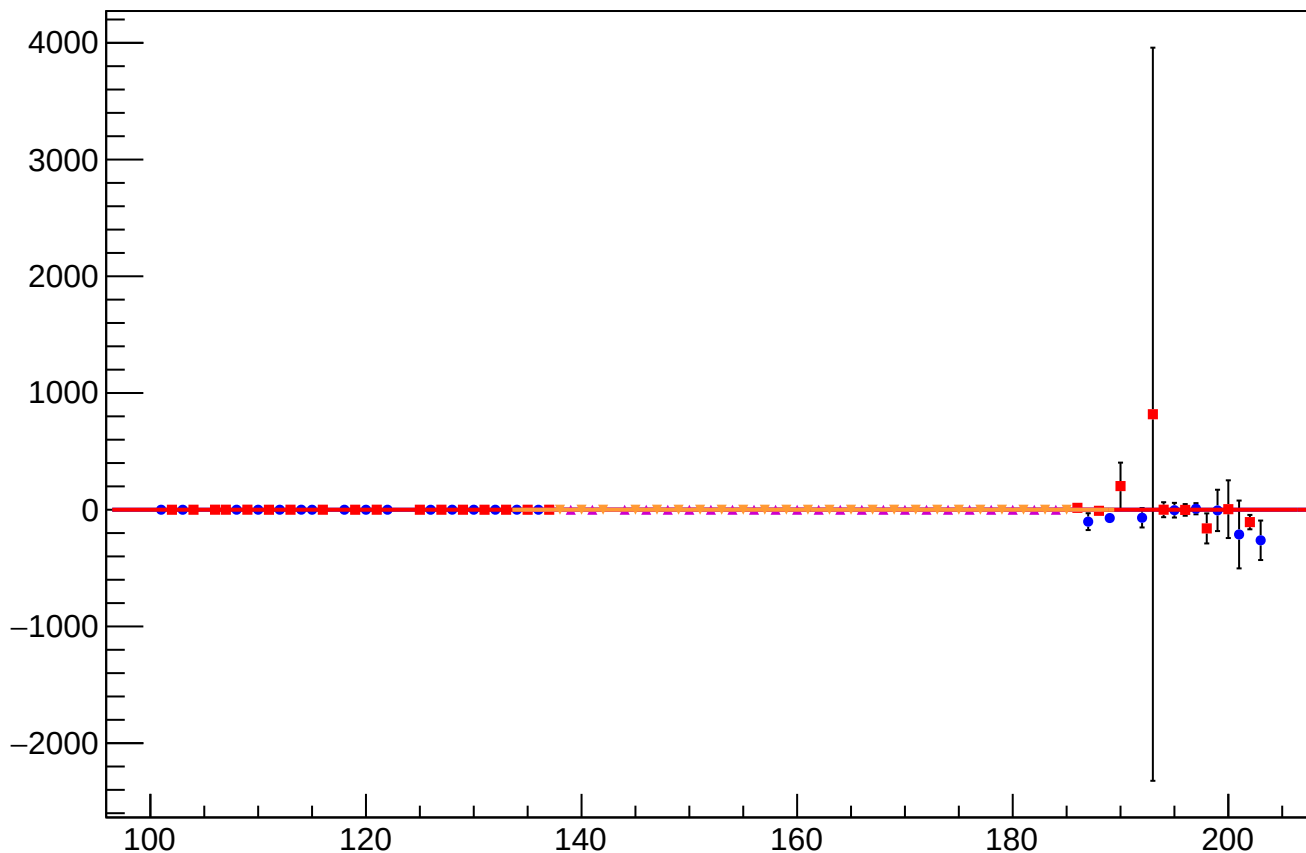
Left In: -0.010 ± 0.018 χ^2/NDF : 33.3/22

+ sign -0.052 ± 0.018 χ^2/NDF : 56.8/31

All: -0.031 ± 0.013 χ^2/NDF : 168.1/63

- sign -0.010 ± 0.018 χ^2/NDF : 108.6/31

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 35.7/23

Left Out: -0.010 $\pm$ 0.014 χ^2 /NDF: 29.5/23

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 33.9/25

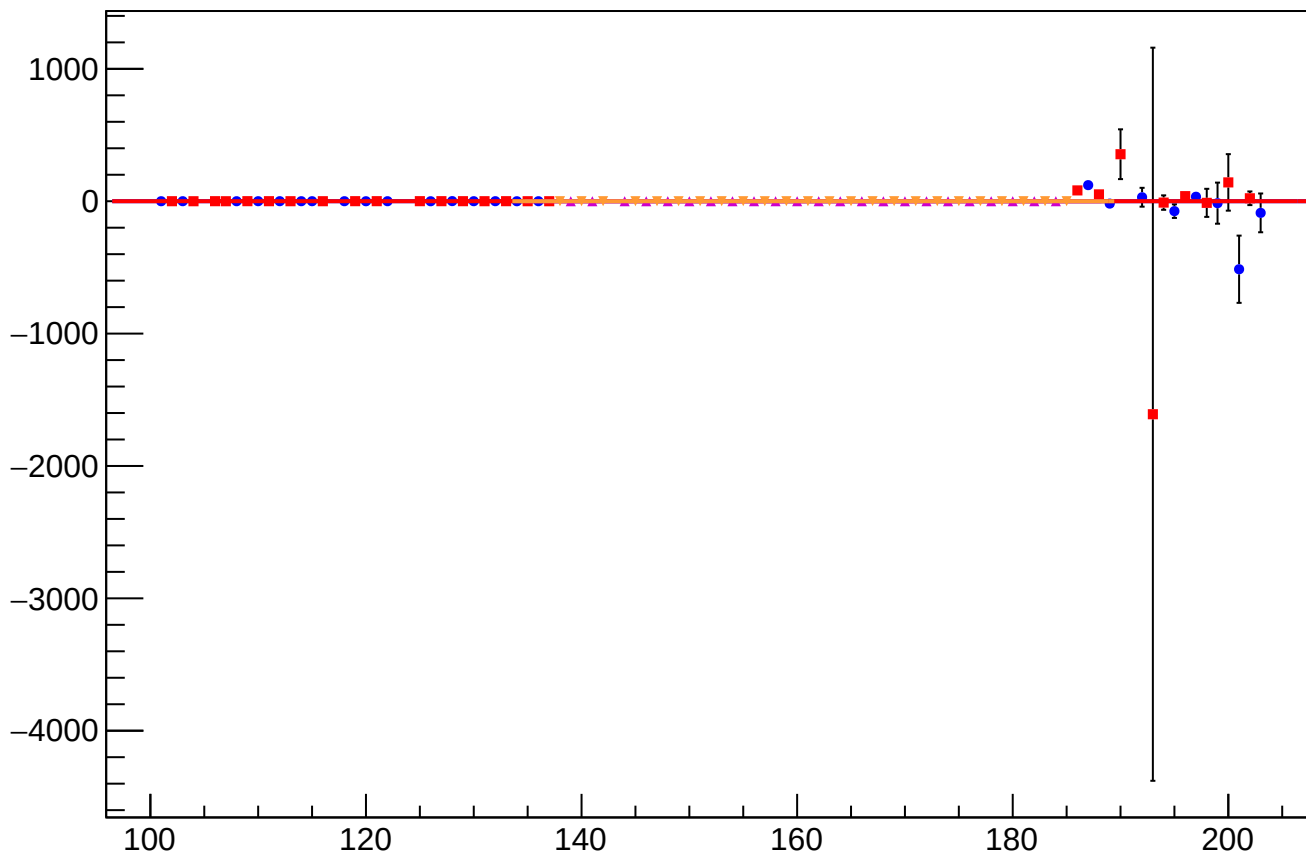
Left In: 0.004 $\pm$ 0.014 χ^2 /NDF: 50.3/22

+ sign -0.005 $\pm$ 0.012 χ^2 /NDF: 65.7/47

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 152.6/96

- sign 0.013 $\pm$ 0.012 χ^2 /NDF: 85.9/48

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: 97.1/25

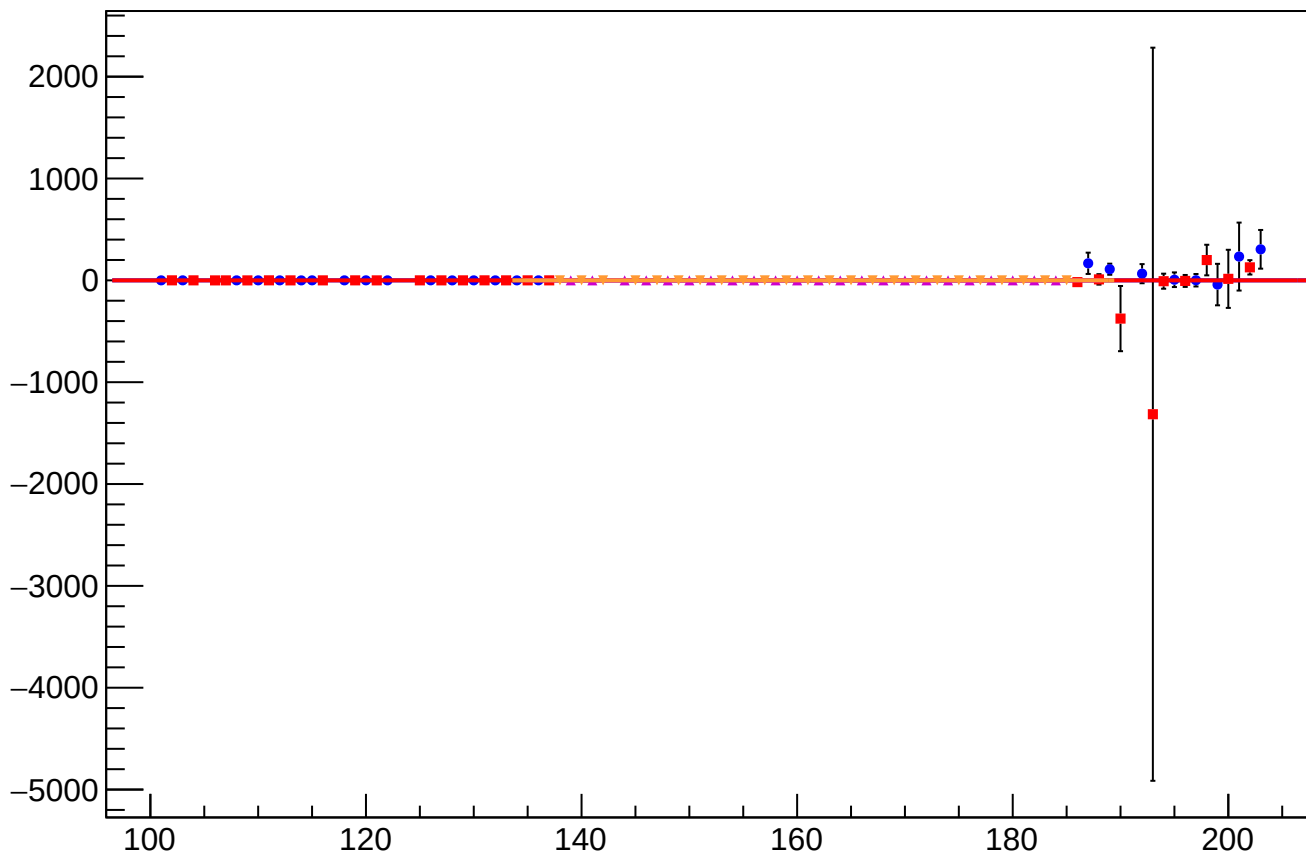
Left In: 0.021 $\pm$ 0.018 χ^2 /NDF:34.0/22

+ sign 0.063 $\pm$ 0.017 χ^2 /NDF: 88.7/47

All: 0.055 $\pm$ 0.012 χ^2 /NDF: 234.6/96

- sign 0.046 $\pm$ 0.017 χ^2 /NDF: 145.3/48

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 : 32.3/25

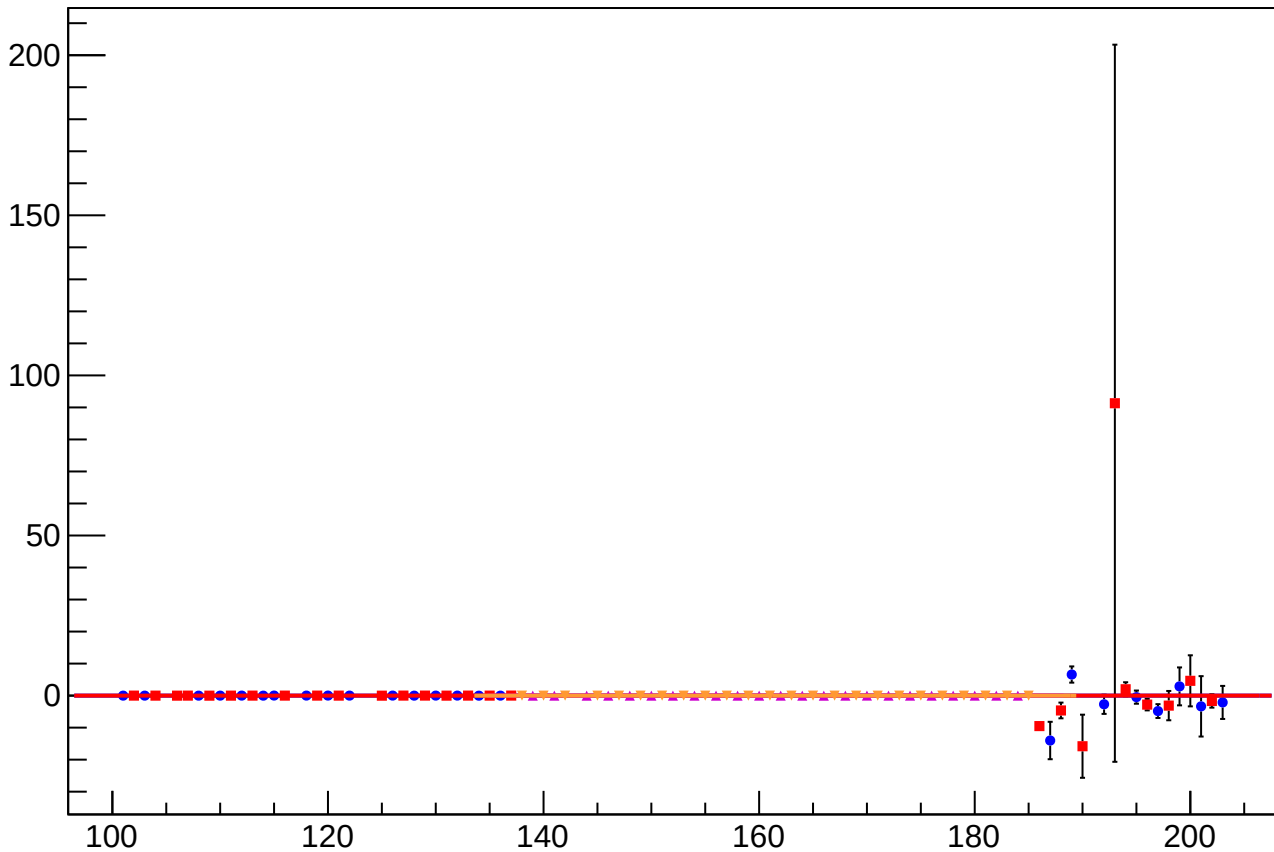
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 69.7/47

All: 0.003 ± 0.010 χ^2/NDF : 156.6/96

- sign -0.007 ± 0.014 χ^2/NDF : 86.0/48

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 47.9/23

Left Out: -0.008 ± 0.001 χ^2/NDF : 31.9/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 69.3/25

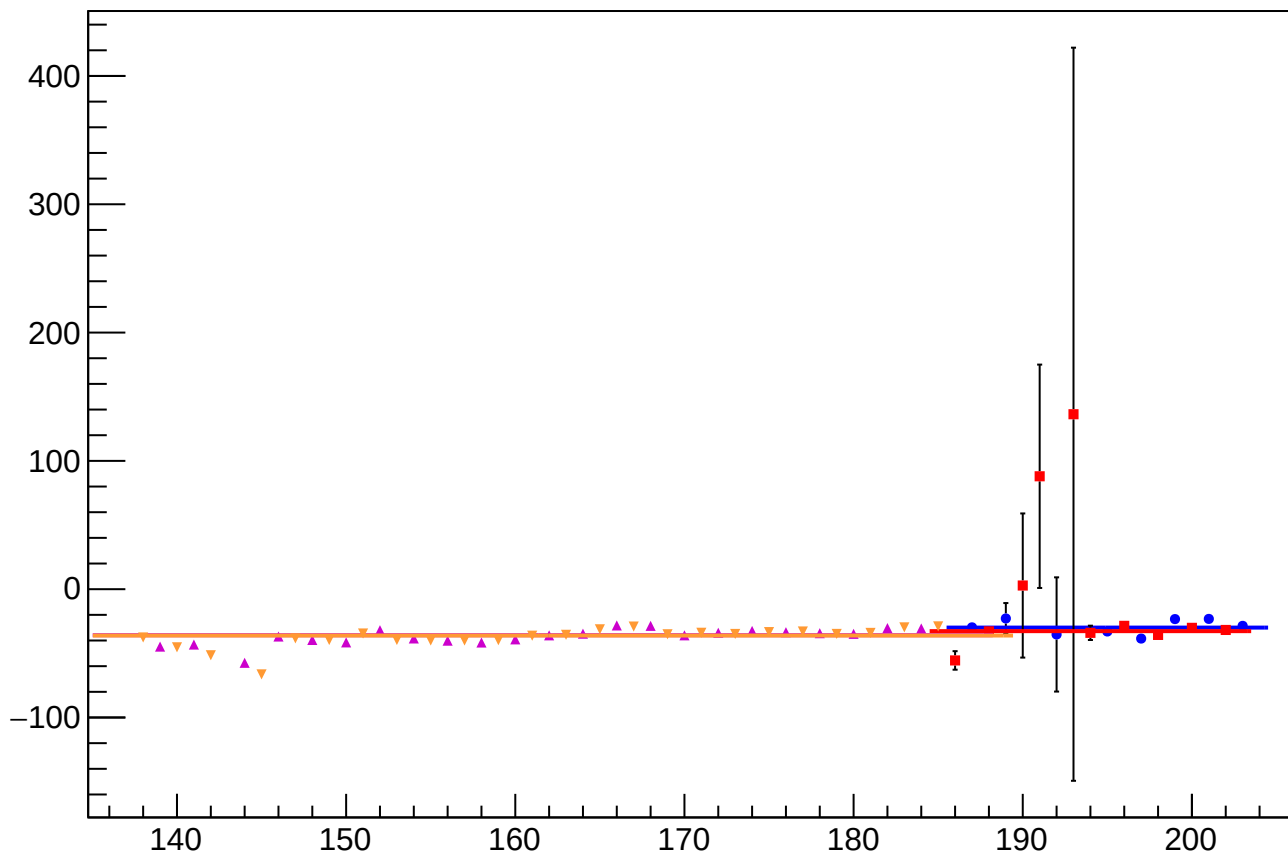
Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

+ sign -0.008 ± 0.001 χ^2/NDF : 81.6/47

All: -0.008 ± 0.000 χ^2/NDF : 193.0/96

- sign -0.008 ± 0.001 χ^2/NDF : 111.1/48

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: -32.702 ± 0.925 χ^2/NDF : 16.3/9

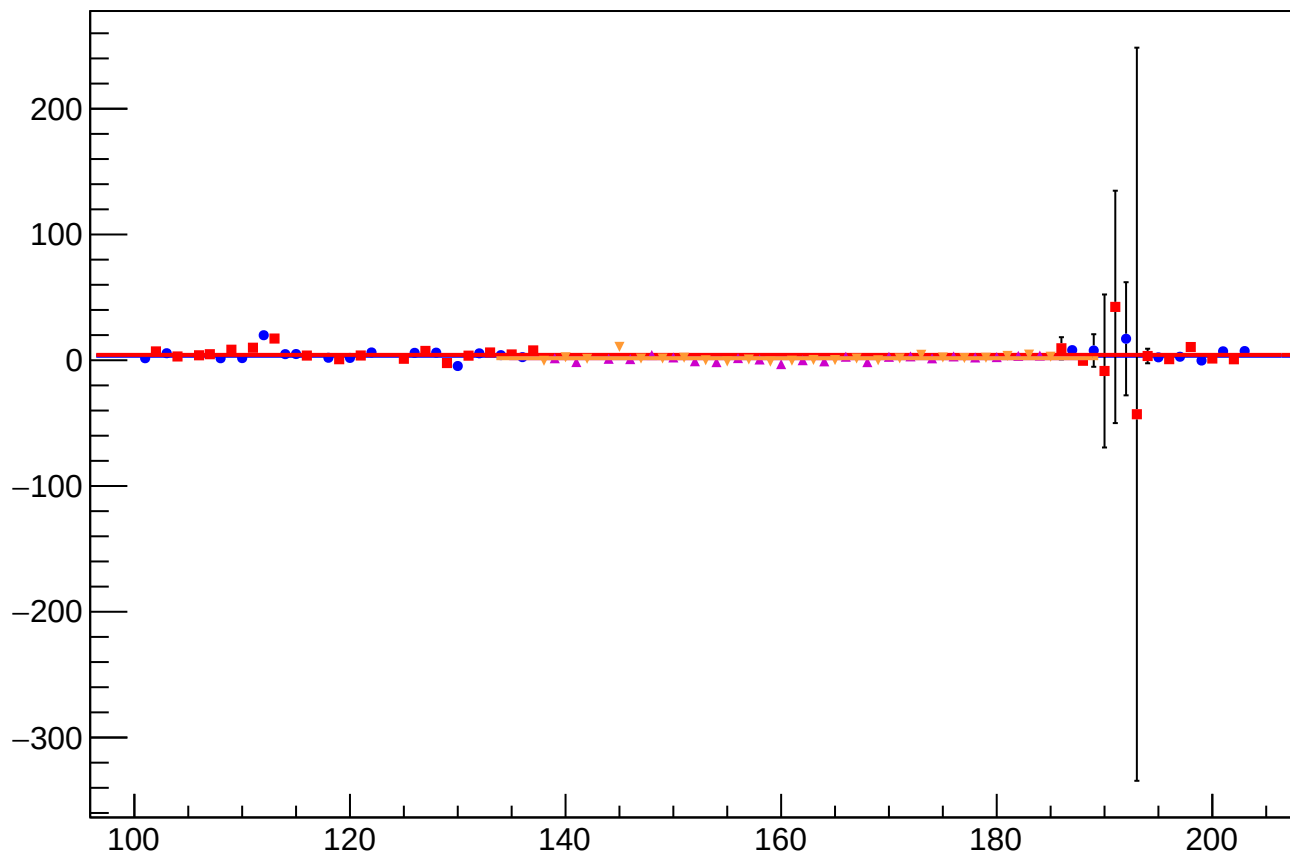
Left In: -35.869 ± 0.191 χ^2/NDF : 887.1/22

+ sign -35.906 ± 0.189 χ^2/NDF : 1173.5/31

All: -35.822 ± 0.133 χ^2/NDF : 2088.5/64

- sign -35.740 ± 0.187 χ^2/NDF : 914.7/32

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: 4.277 ± 0.222 χ^2/NDF : 364.2/26

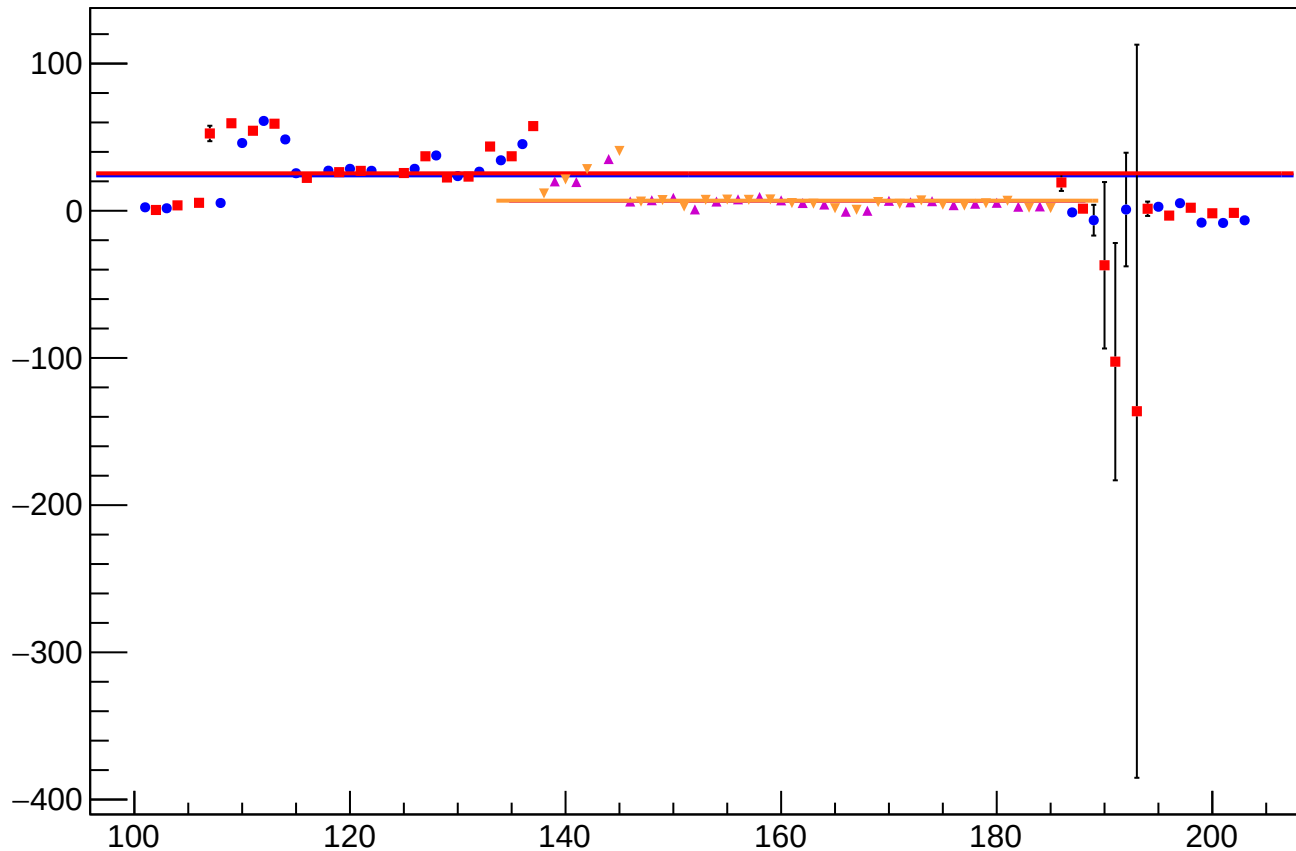
Left In: 1.646 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.252 ± 0.122 χ^2/NDF : 674.2/47

All: 2.357 ± 0.087 χ^2/NDF : 1300.9/97

- sign 2.466 ± 0.124 χ^2/NDF : 625.2/49

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: 25.438 $\pm$ 0.371 χ^2 /NDF: 2983.1/26

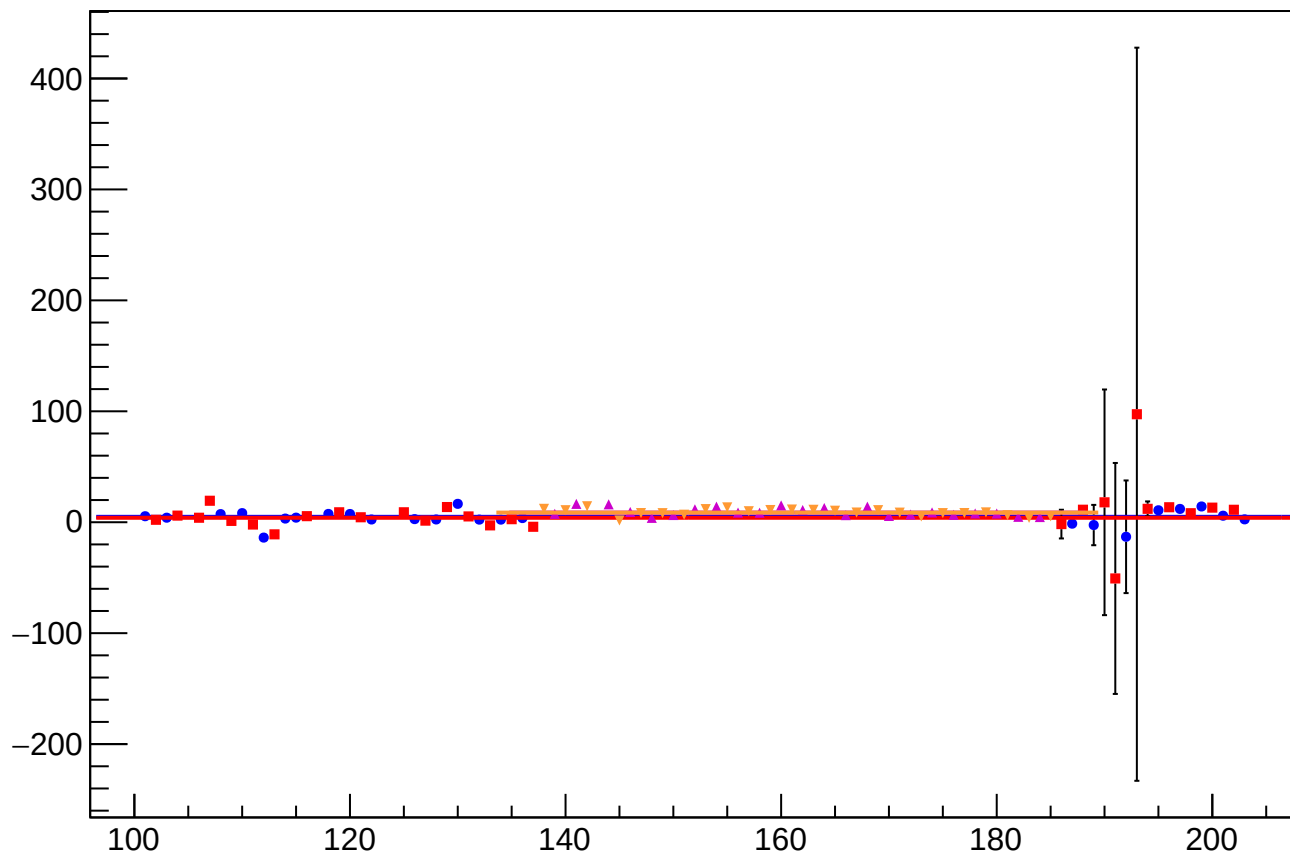
Left In: 6.639 $\pm$ 0.190 χ^2 /NDF:1077.2/22

+ sign 10.359 $\pm$ 0.171 χ^2 /NDF: 5449.7/47

All: 10.454 $\pm$ 0.120 χ^2 /NDF: 11550.0/97

- sign 10.546 $\pm$ 0.169 χ^2 /NDF: 6099.7/49

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.866 $\pm$ 0.248 χ^2 /NDF: 569.6/23

Left Out: 8.697 $\pm$ 0.169 χ^2 /NDF: 241.1/23

Right Out: 4.023 $\pm$ 0.255 χ^2 /NDF: 592.0/26

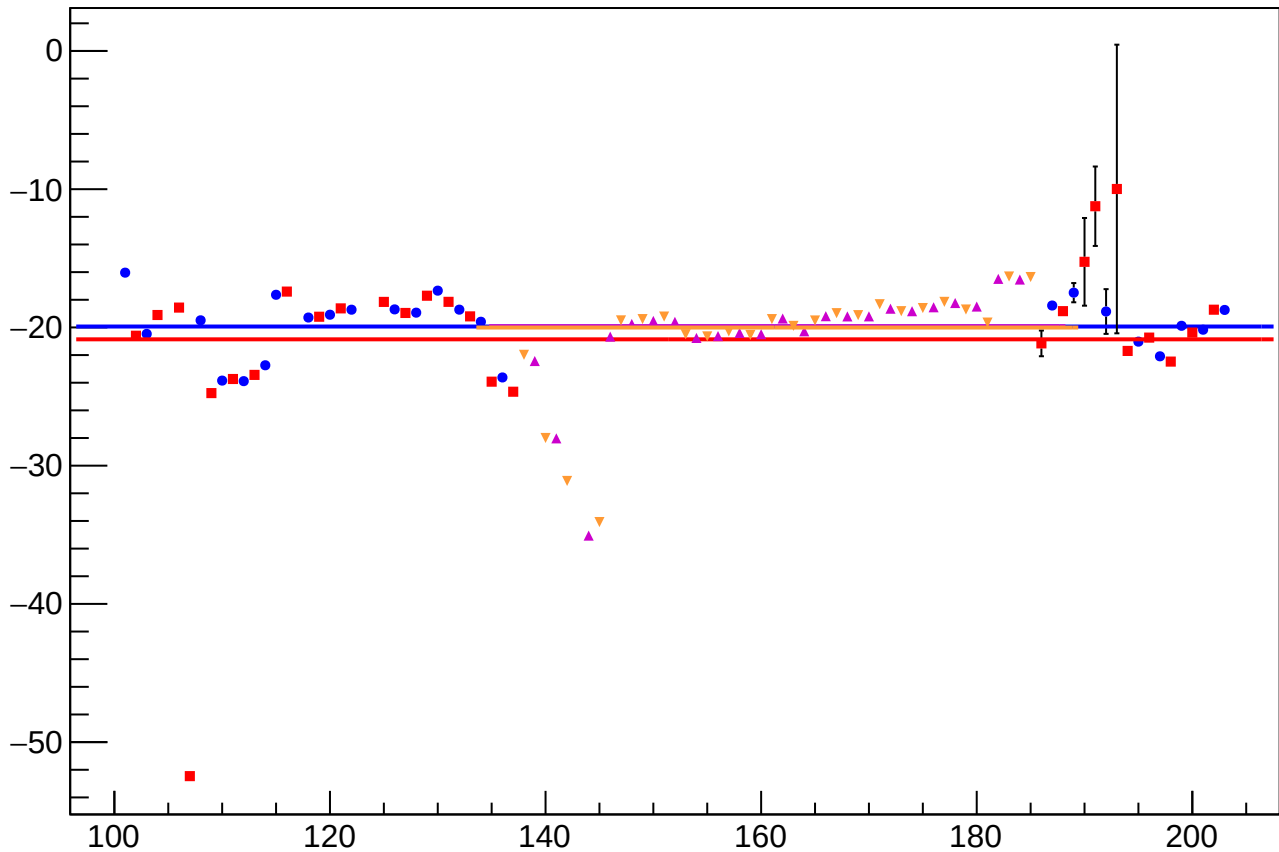
Left In: 8.659 $\pm$ 0.170 χ^2 /NDF: 438.0/22

+ sign 7.483 $\pm$ 0.140 χ^2 /NDF: 973.7/47

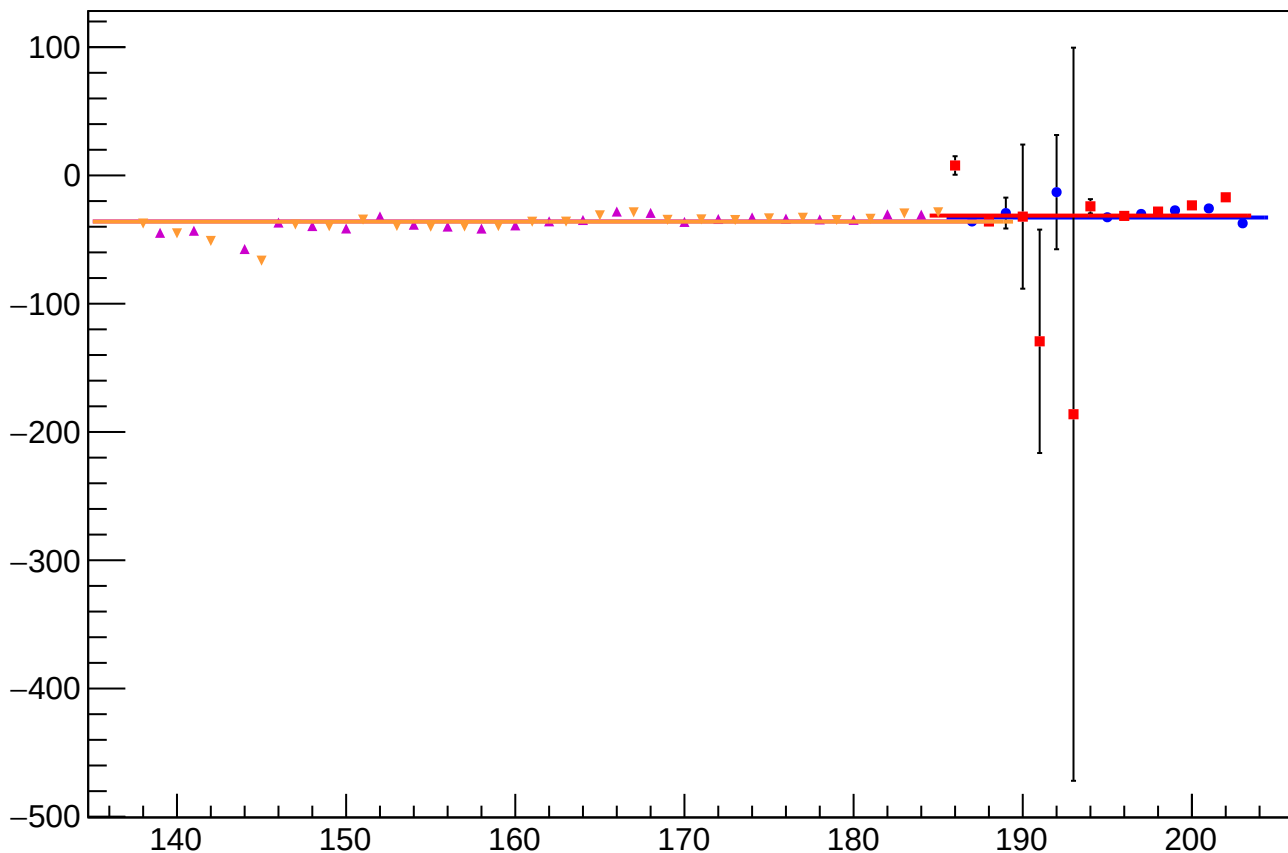
All: 7.362 $\pm$ 0.099 χ^2 /NDF: 2233.8/97

- sign 7.239 $\pm$ 0.141 χ^2 /NDF: 1258.6/49

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: -31.313 ± 0.927 χ^2/NDF : 73.2/9

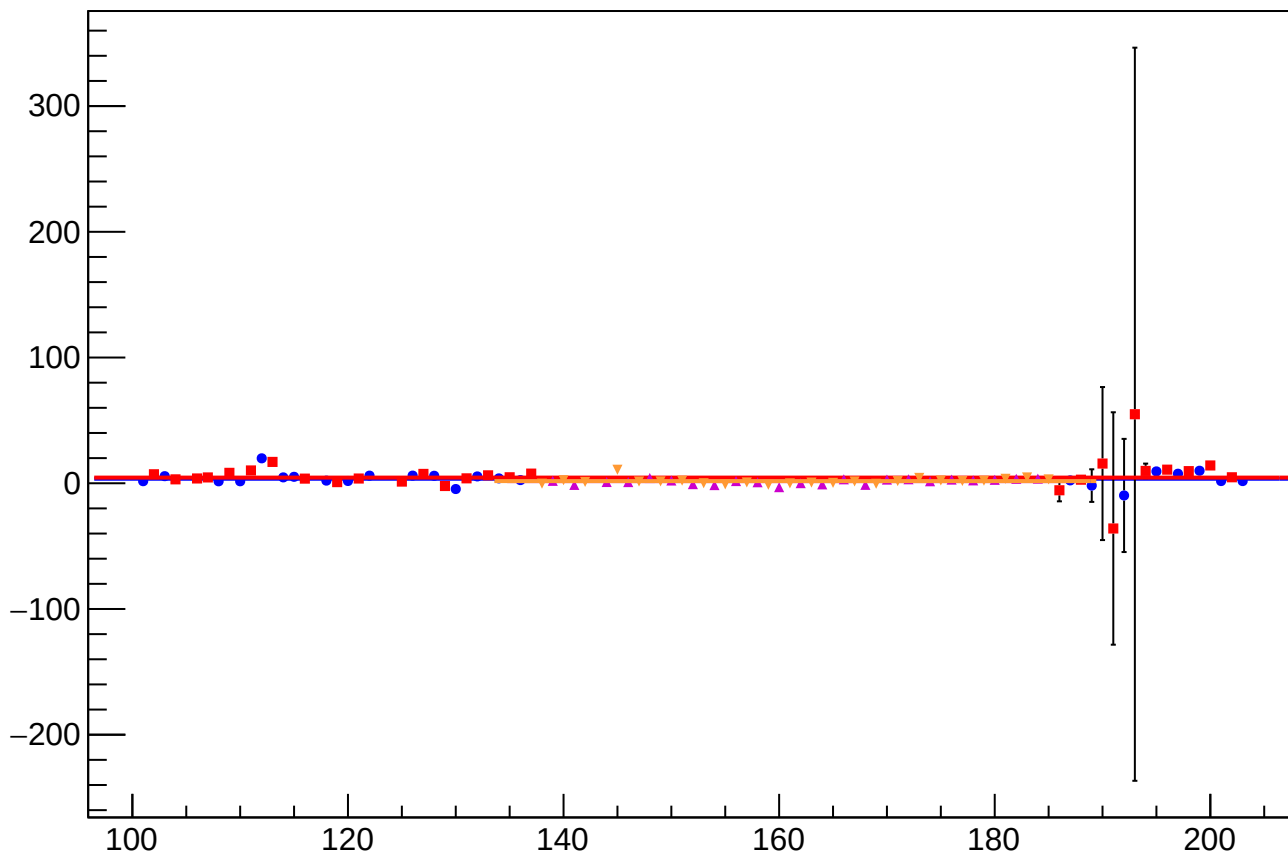
Left In: -35.856 ± 0.191 χ^2/NDF : 875.9/22

+ sign -35.913 ± 0.189 χ^2/NDF : 1149.8/31

All: -35.791 ± 0.133 χ^2/NDF : 2122.7/64

- sign -35.672 ± 0.187 χ^2/NDF : 972.1/32

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: 4.503 ± 0.222 χ^2/NDF : 361.1/26

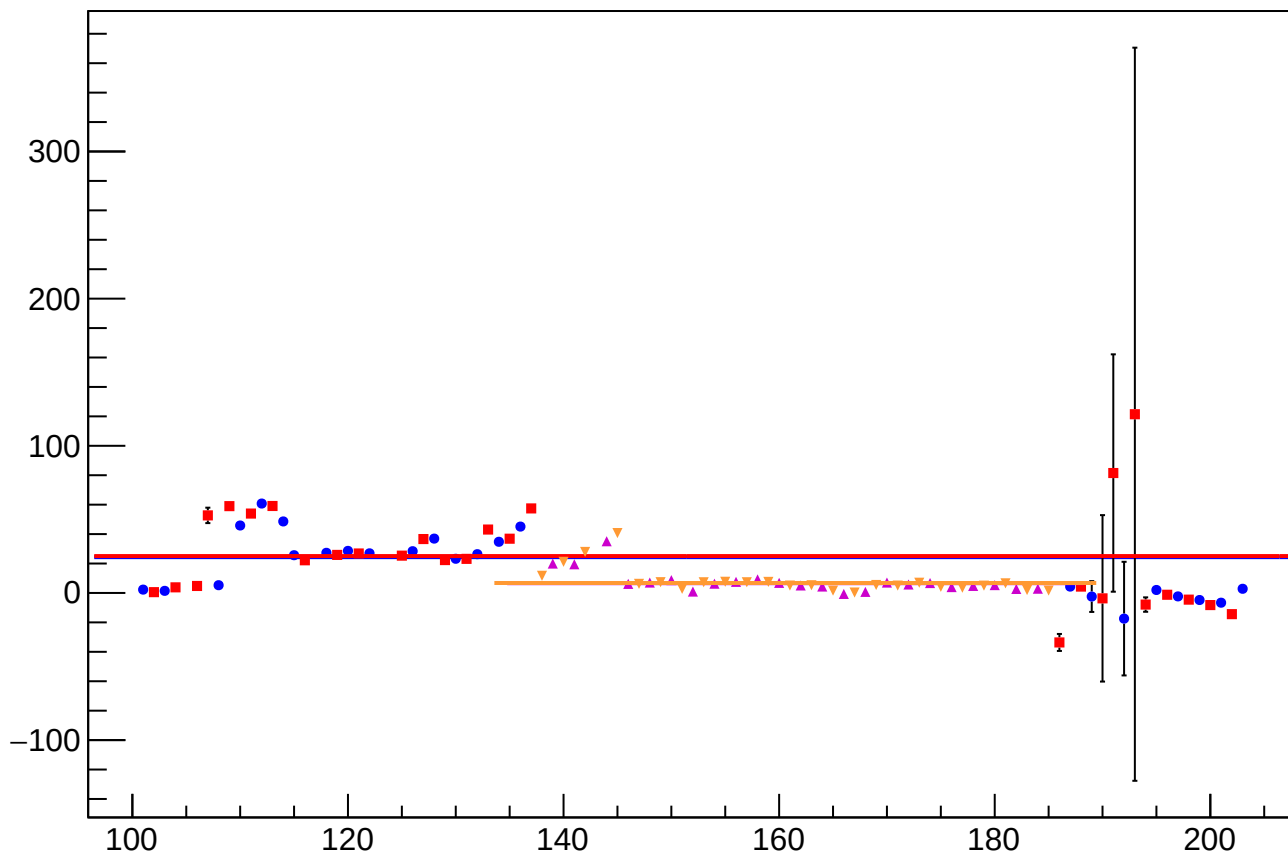
Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.322 ± 0.122 χ^2/NDF : 673.2/47

All: 2.450 ± 0.087 χ^2/NDF : 1309.8/97

- sign 2.582 ± 0.124 χ^2/NDF : 634.4/49

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: 25.065 $\pm$ 0.371 χ^2 /NDF: 3098.8/26

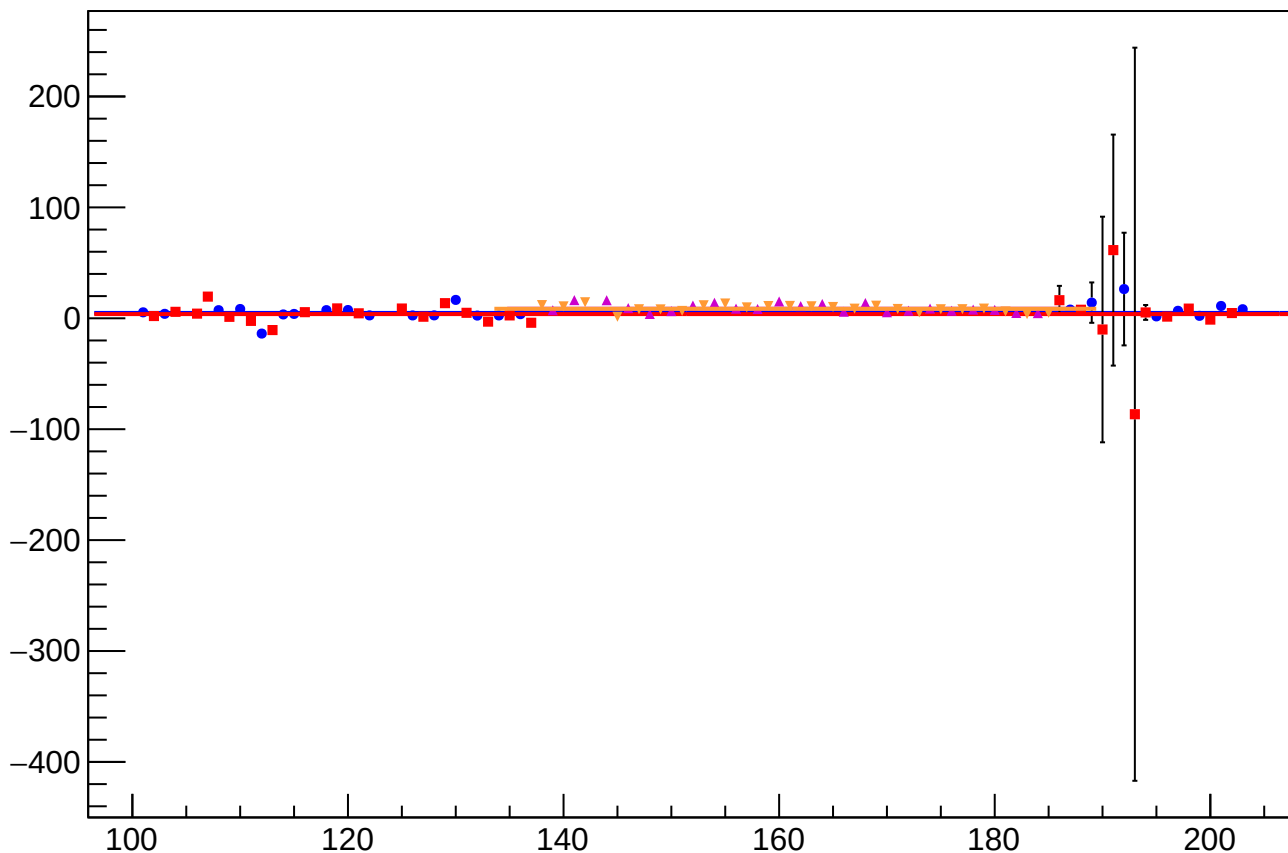
Left In: 6.635 $\pm$ 0.190 χ^2 /NDF:1070.4/22

+ sign 10.343 $\pm$ 0.171 χ^2 /NDF: 5360.6/47

All: 10.403 $\pm$ 0.120 χ^2 /NDF: 11490.3/97

- sign 10.460 $\pm$ 0.169 χ^2 /NDF: 6129.5/49

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.830 ± 0.248 χ^2/NDF : 555.7/23

Left Out: 8.588 ± 0.169 χ^2/NDF : 245.6/23

Right Out: 3.778 ± 0.255 χ^2/NDF : 569.9/26

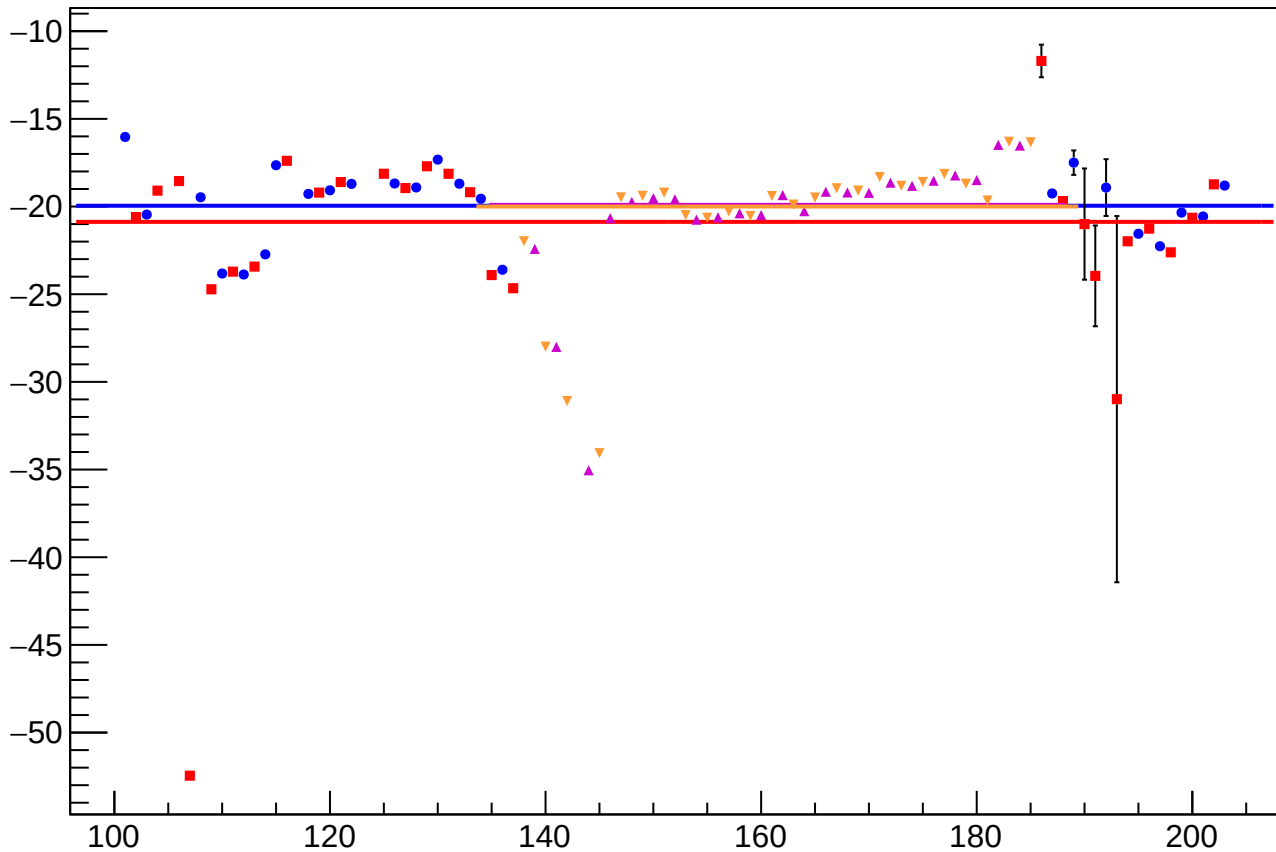
Left In: 8.573 ± 0.170 χ^2/NDF : 443.4/22

+ sign 7.397 ± 0.140 χ^2/NDF : 958.4/47

All: 7.252 ± 0.099 χ^2/NDF : 2218.6/97

- sign 7.104 ± 0.141 χ^2/NDF : 1258.1/49

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: -20.874 ± 0.015 $\chi^2/\text{NDF}: 93653.1/26$

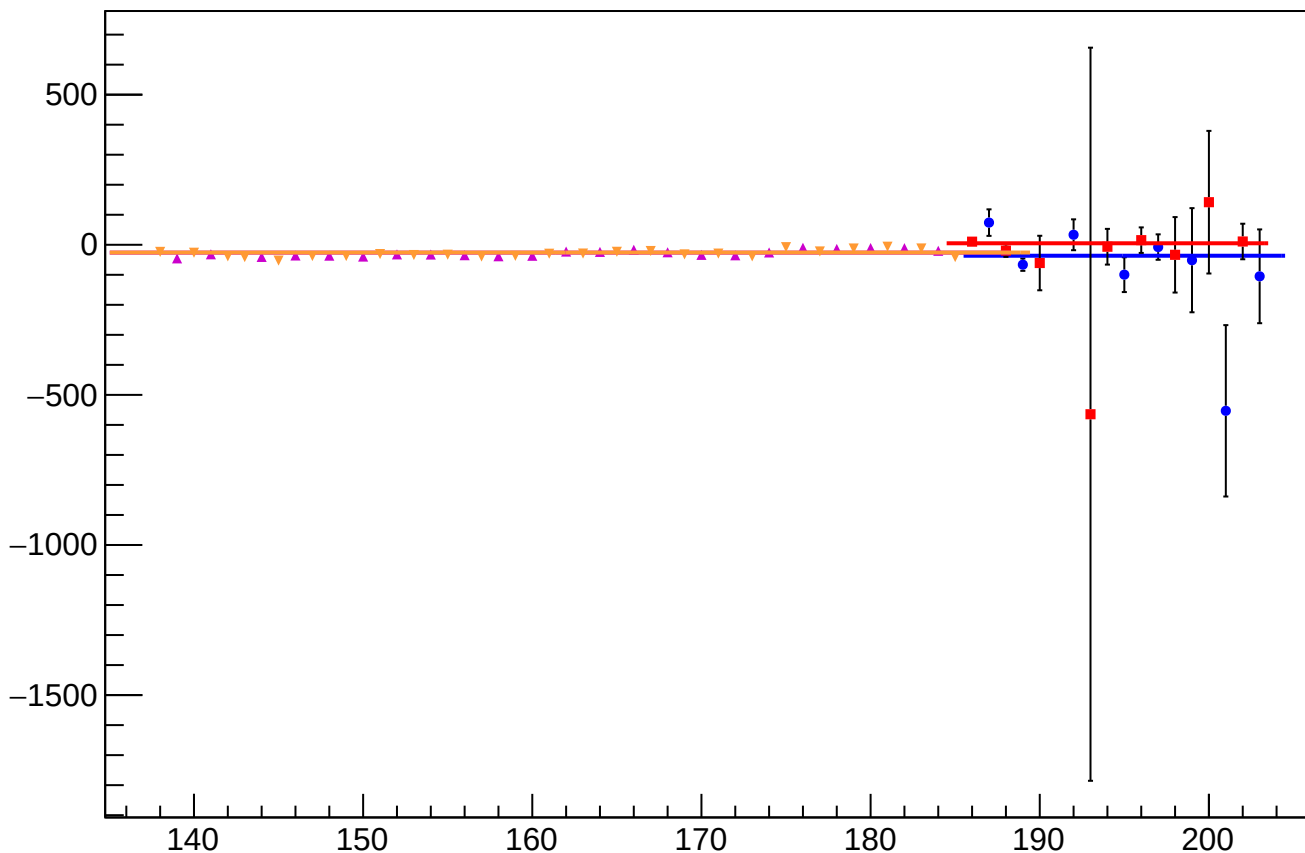
Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

+ sign -19.989 ± 0.007 $\chi^2/\text{NDF}: 198637.9/47$

All: -20.050 ± 0.005 $\chi^2/\text{NDF}: 441064.4/97$

- sign -20.111 ± 0.007 $\chi^2/\text{NDF}: 242274.5/49$

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: 5.013 ± 8.212 χ^2/NDF : 3.0/8

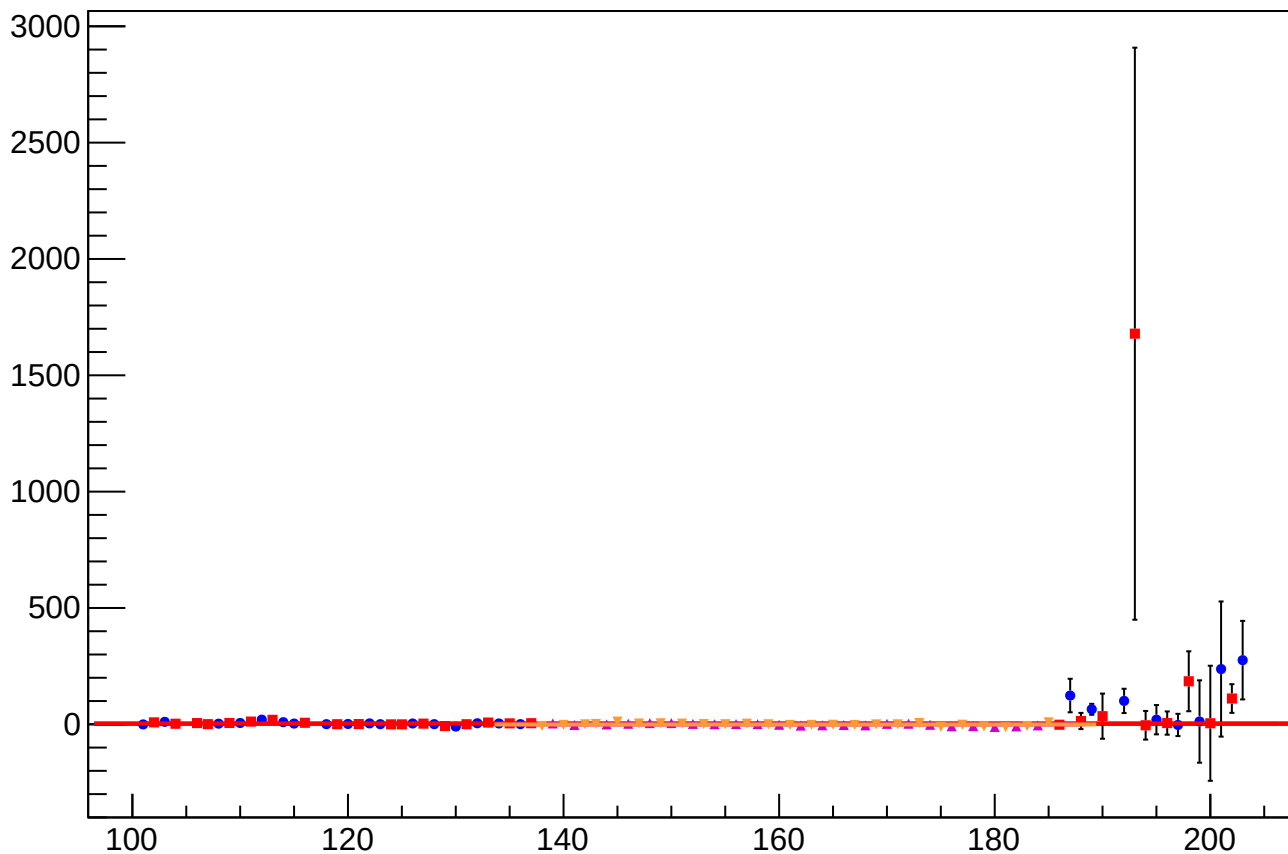
Left In: -26.204 ± 0.194 χ^2/NDF : 3377.8/22

+ sign -25.806 ± 0.192 χ^2/NDF : 4143.6/32

All: -25.994 ± 0.137 χ^2/NDF : 7540.7/64

- sign -26.186 ± 0.194 χ^2/NDF : 3395.2/31

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: 3.727 ± 0.327 χ^2/NDF : 276.4/26

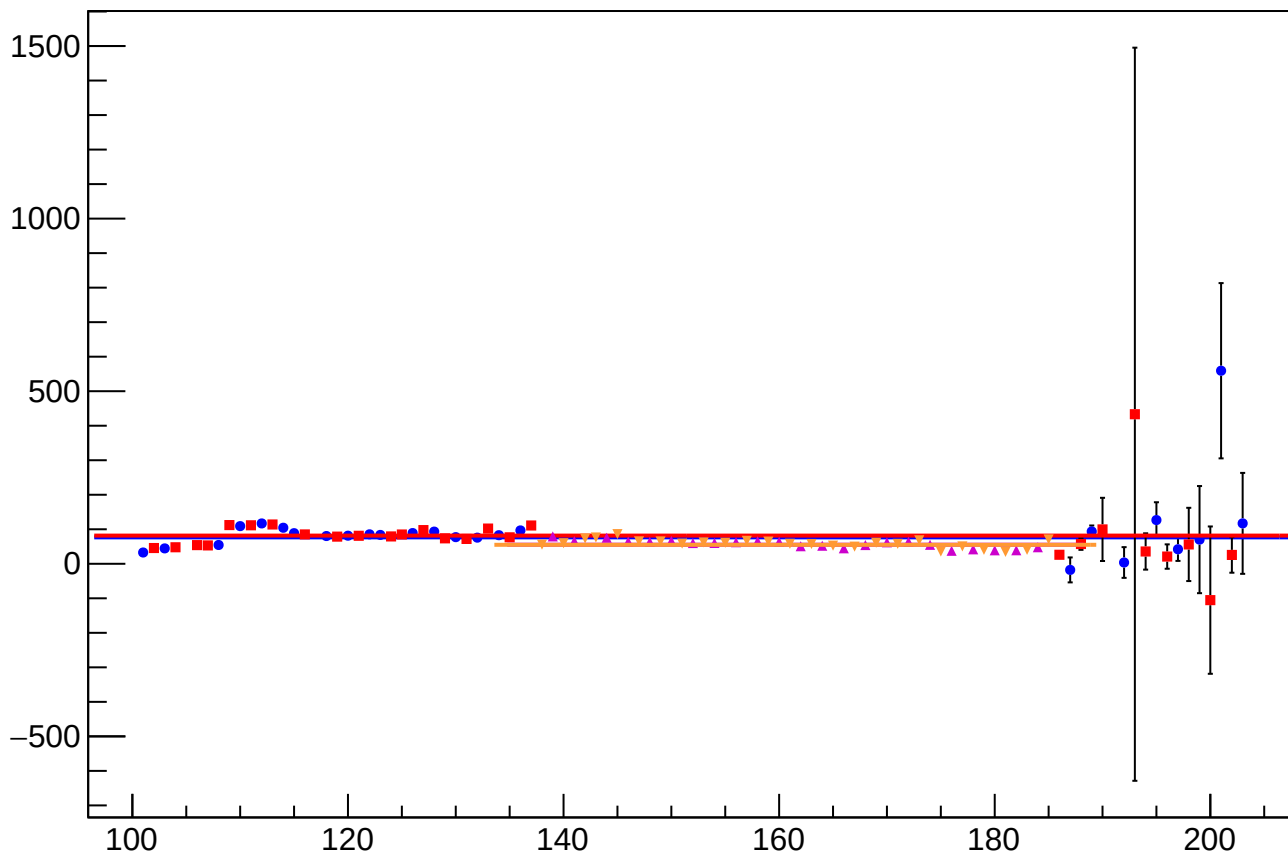
Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

+ sign -0.109 ± 0.133 χ^2/NDF : 1709.8/49

All: -0.079 ± 0.095 χ^2/NDF : 3219.4/99

- sign -0.046 ± 0.136 χ^2/NDF : 1509.4/49

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: 81.675 $\pm$ 0.590 χ^2 /NDF: 1609.9/26

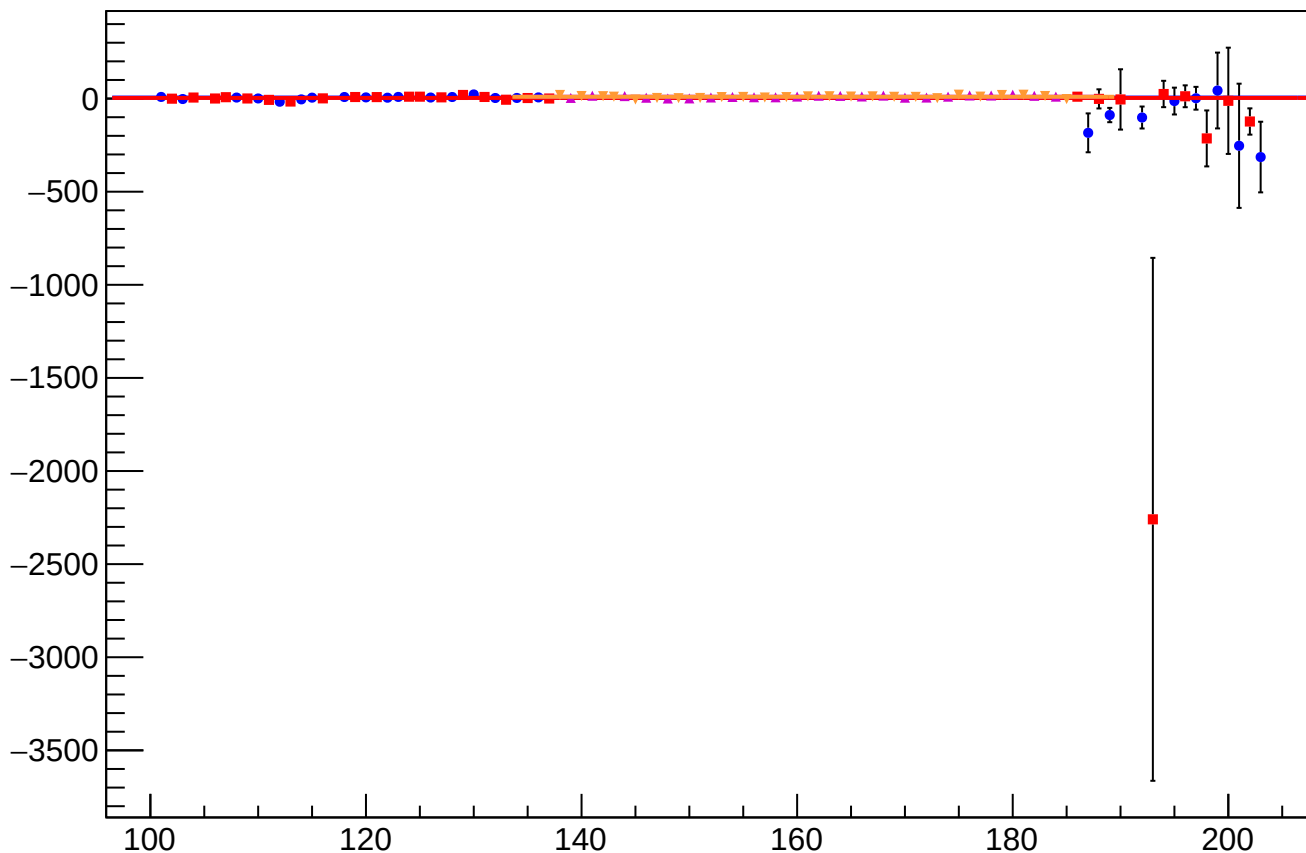
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ sign 57.174 $\pm$ 0.182 χ^2 /NDF: 8068.0/49

All: 57.472 $\pm$ 0.129 χ^2 /NDF: 15321.7/99

- sign 57.773 $\pm$ 0.183 χ^2 /NDF: 7248.4/49

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.426 ± 0.357 $\chi^2/\text{NDF}: 403.5/24$

Left Out: 9.750 ± 0.168 $\chi^2/\text{NDF}: 1449.2/24$

Right Out: 3.578 ± 0.375 $\chi^2/\text{NDF}: 431.2/26$

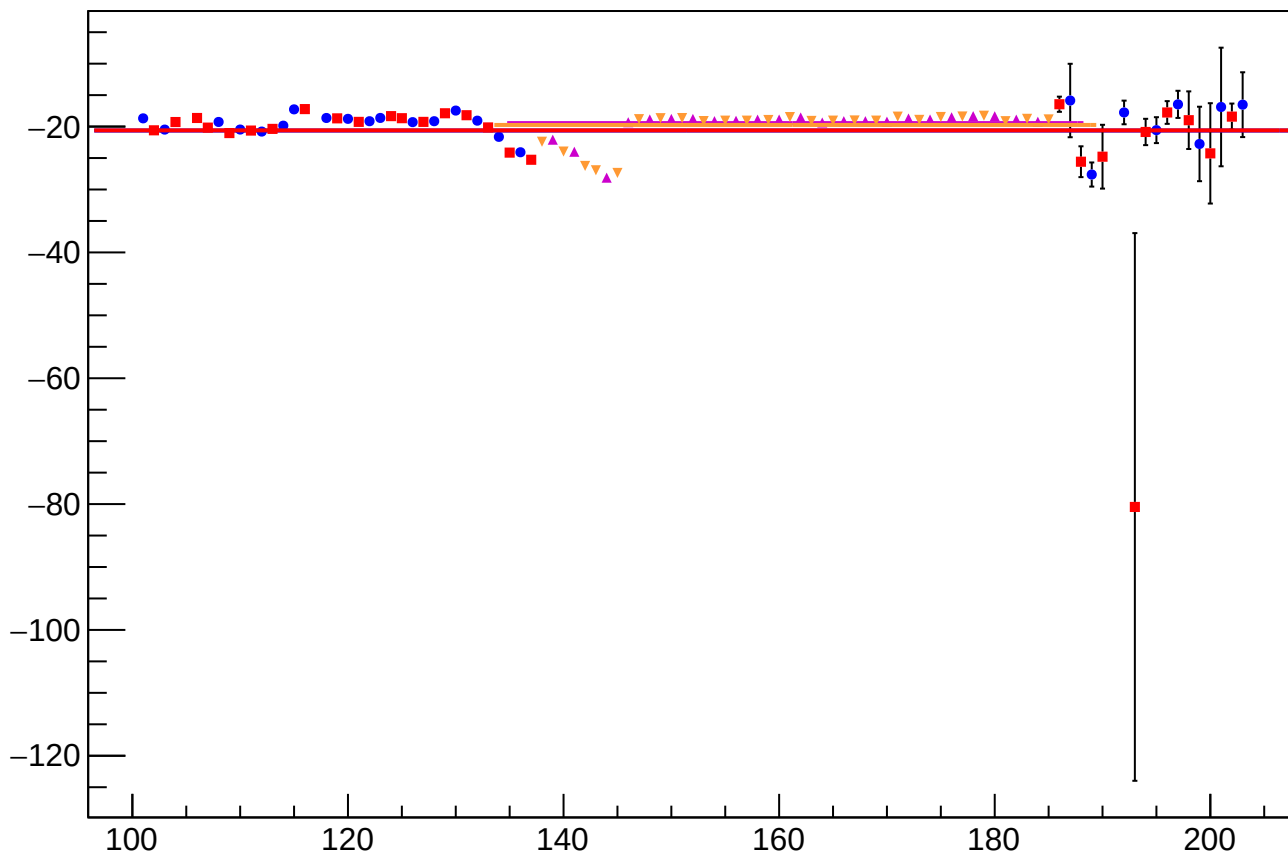
Left In: 9.775 ± 0.171 $\chi^2/\text{NDF}: 1165.6/22$

+ sign 8.966 ± 0.152 $\chi^2/\text{NDF}: 1972.6/49$

All: 8.840 ± 0.109 $\chi^2/\text{NDF}: 3796.4/99$

- sign 8.707 ± 0.156 $\chi^2/\text{NDF}: 1822.4/49$

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 $\chi^2/\text{NDF}: 11973.6/26$

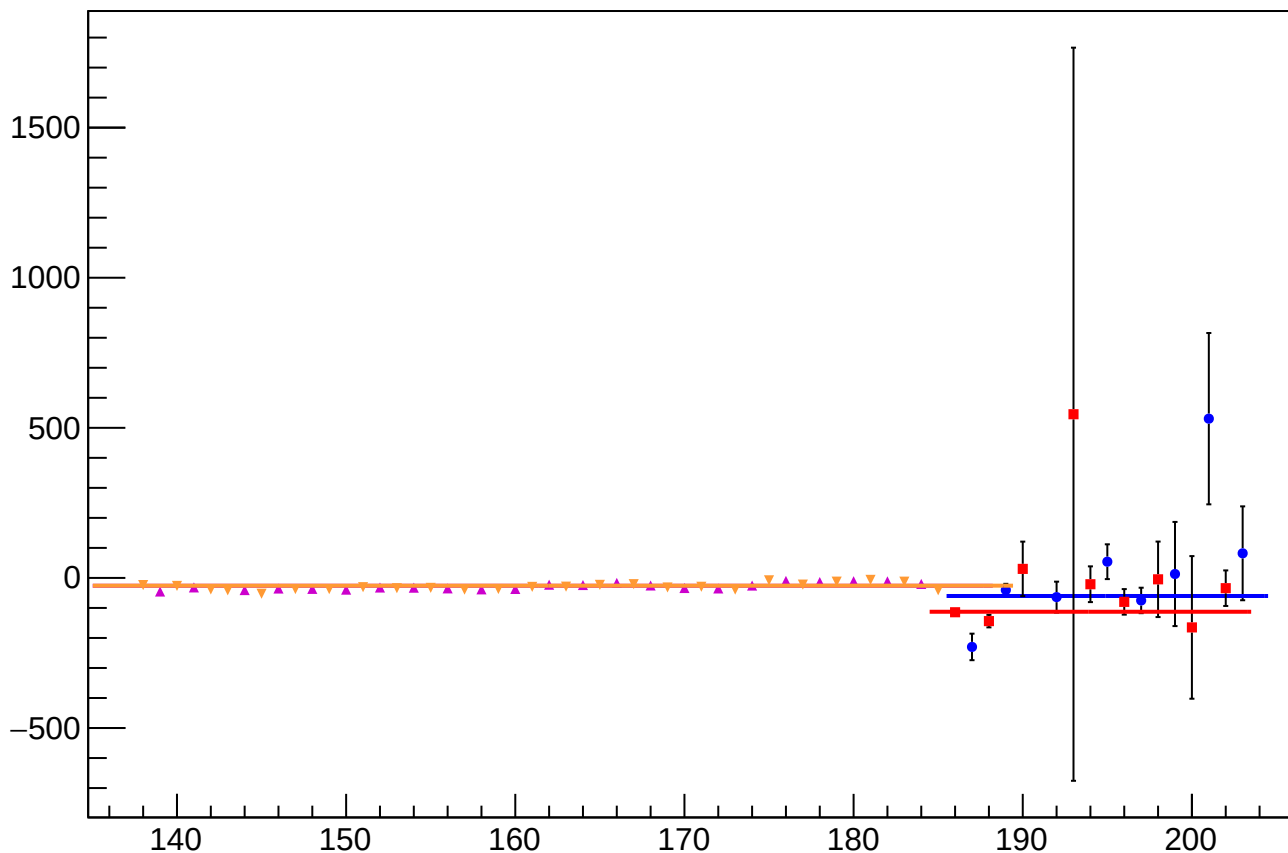
Left In: -19.448 ± 0.008 $\chi^2/\text{NDF}: 54039.2/22$

+ sign -19.867 ± 0.007 $\chi^2/\text{NDF}: 102840.7/49$

All: -19.740 ± 0.005 $\chi^2/\text{NDF}: 172474.6/99$

- sign -19.612 ± 0.007 $\chi^2/\text{NDF}: 69028.3/49$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -60.200 ± 15.440 χ^2/NDF : 25.0/7

Left Out: -25.814 ± 0.192 χ^2/NDF : 4094.6/24

Right Out: -112.689 ± 8.218 χ^2/NDF : 10.5/8

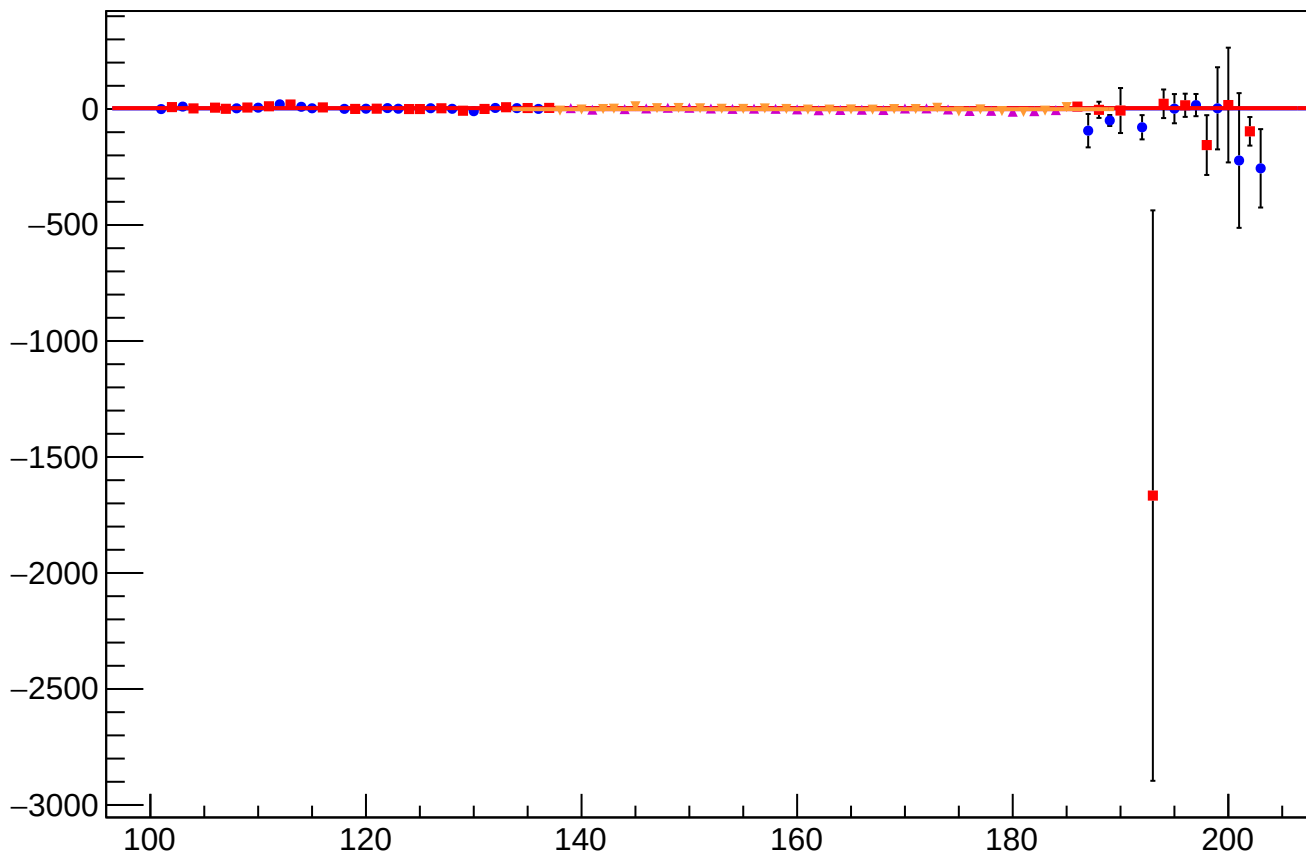
Left In: -26.200 ± 0.194 χ^2/NDF : 3344.6/22

+ sign -25.820 ± 0.192 χ^2/NDF : 4124.5/32

All: -26.032 ± 0.137 χ^2/NDF : 7592.9/64

- sign -26.248 ± 0.194 χ^2/NDF : 3465.9/31

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: 3.860 ± 0.327 χ^2/NDF : 275.4/26

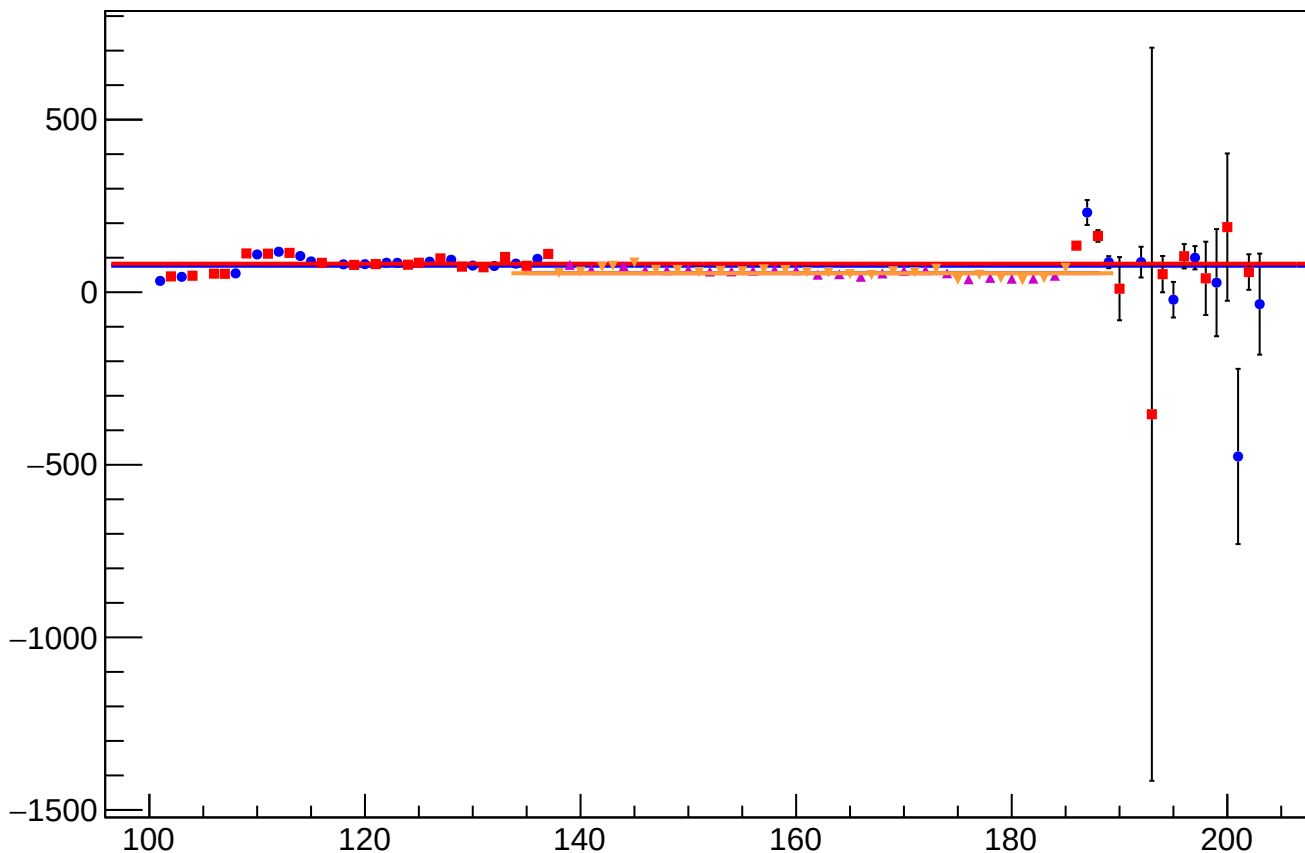
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.069 ± 0.133 χ^2/NDF : 1688.0/49

All: -0.019 ± 0.095 χ^2/NDF : 3240.8/99

- sign 0.034 ± 0.137 χ^2/NDF : 1552.5/49

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: 82.666 $\pm$ 0.591 χ^2 /NDF: 1622.6/26

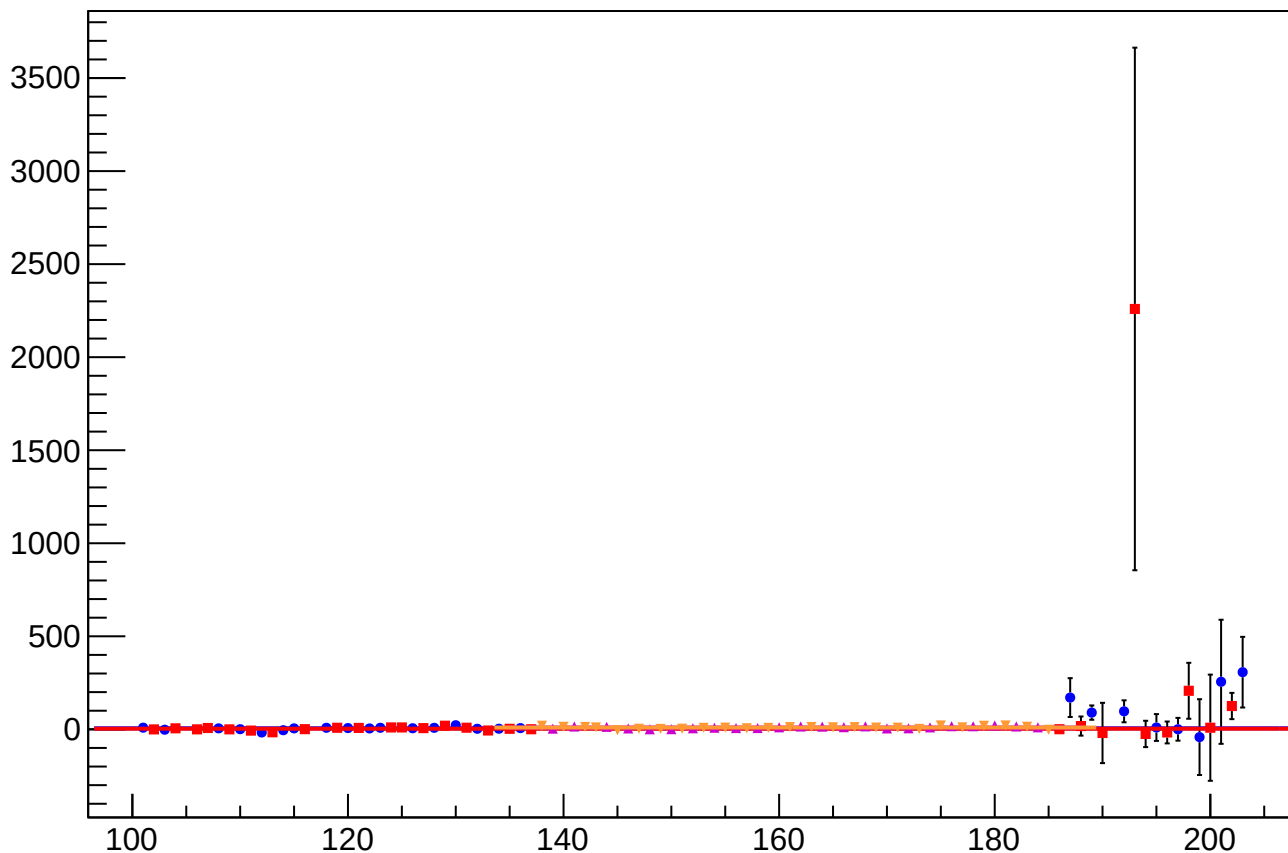
Left In: 55.252 $\pm$ 0.193 χ^2 /NDF: 3786.2/22

+ sign 57.199 $\pm$ 0.182 χ^2 /NDF: 8087.0/49

All: 57.544 $\pm$ 0.129 χ^2 /NDF: 15448.8/99

- sign 57.894 $\pm$ 0.183 χ^2 /NDF: 7354.6/49

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.453 $\pm$ 0.357 χ^2 /NDF: 398.8/24

Left Out: 9.691 $\pm$ 0.168 χ^2 /NDF:1440.3/24

Right Out: 3.427 $\pm$ 0.376 χ^2 /NDF: 430.7/26

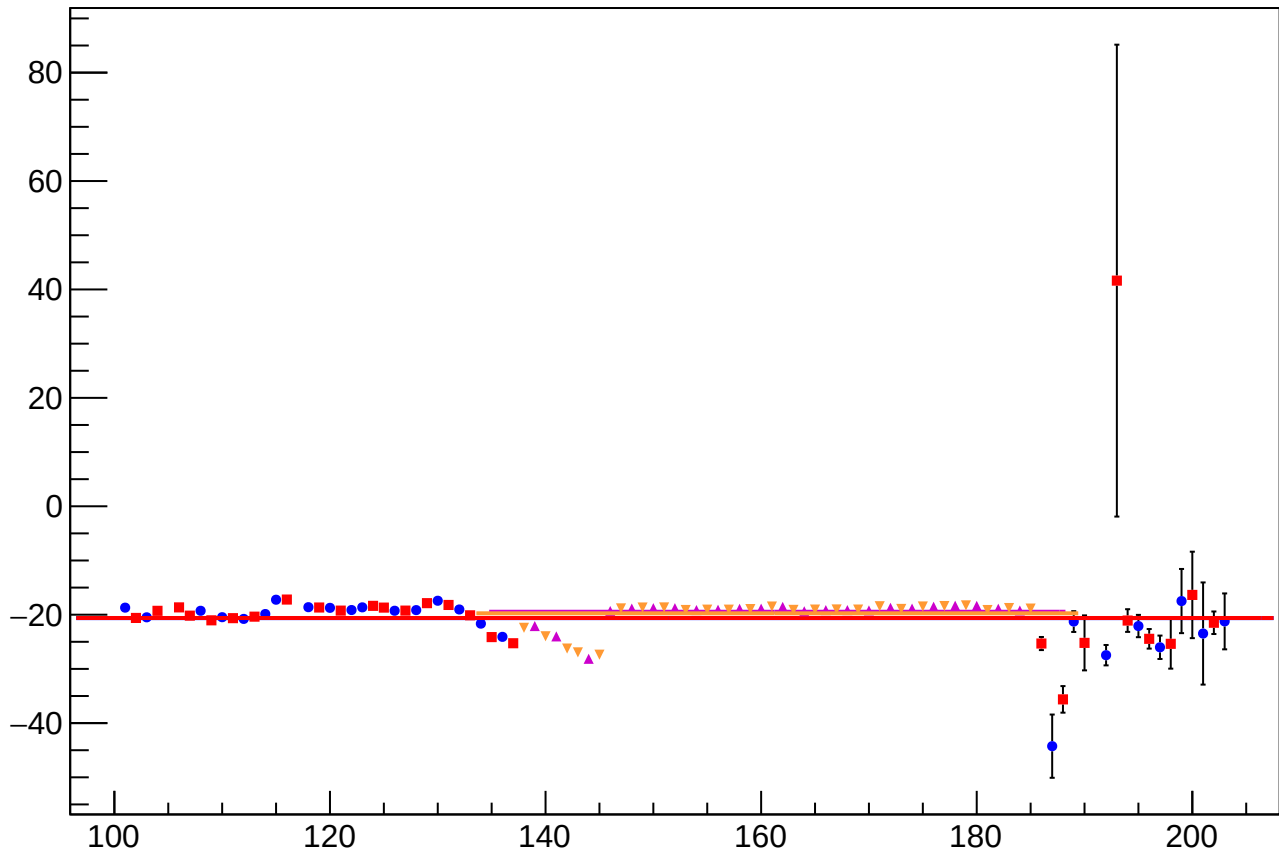
Left In: 9.708 $\pm$ 0.171 χ^2 /NDF:1198.0/22

+ sign 8.922 $\pm$ 0.152 χ^2 /NDF: 1954.1/49

All: 8.778 $\pm$ 0.109 χ^2 /NDF: 3816.2/99

- sign 8.626 $\pm$ 0.156 χ^2 /NDF: 1860.2/49

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 $\chi^2/\text{NDF}: 11962.2/26$

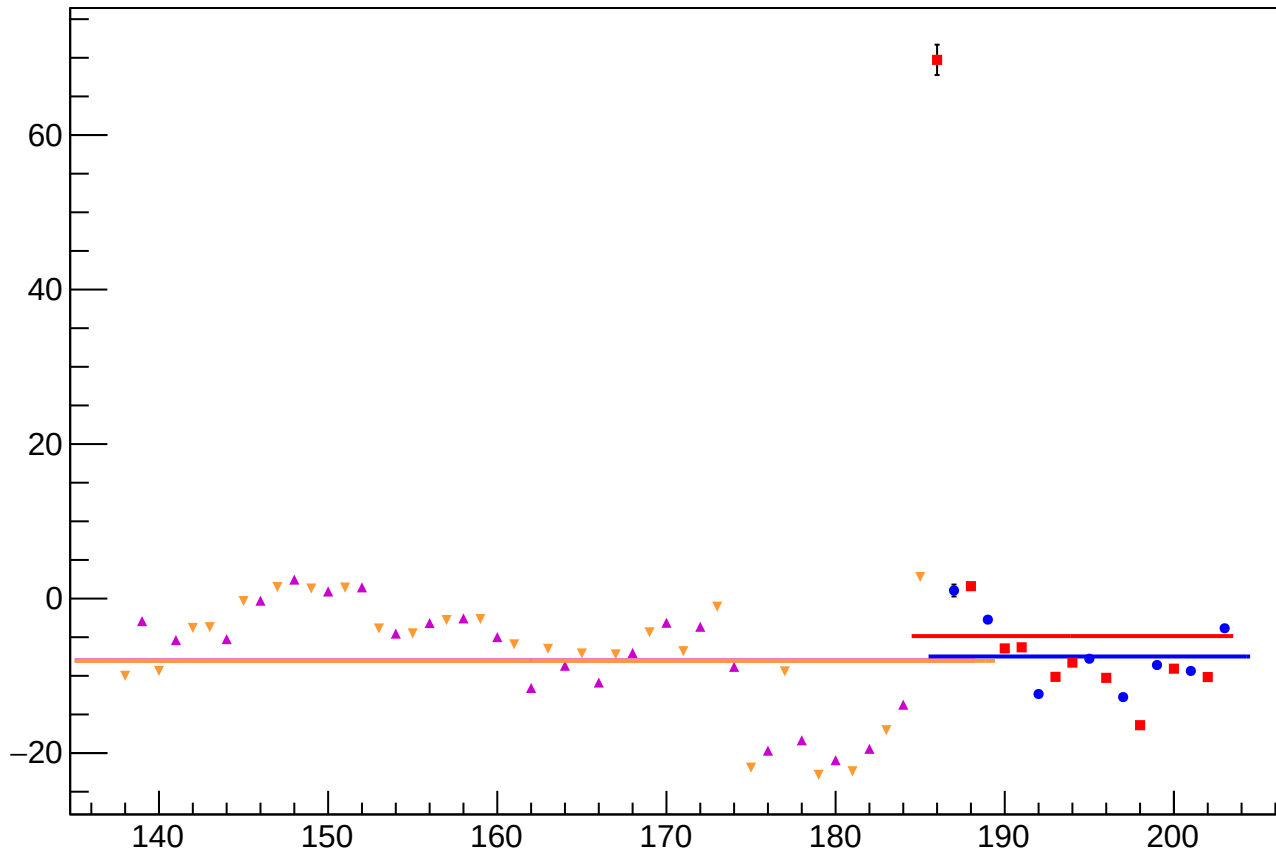
Left In: -19.457 ± 0.008 $\chi^2/\text{NDF}: 53995.4/22$

+ sign -19.874 ± 0.007 $\chi^2/\text{NDF}: 102753.0/49$

All: -19.748 ± 0.005 $\chi^2/\text{NDF}: 172306.3/99$

- sign -19.621 ± 0.007 $\chi^2/\text{NDF}: 68957.9/49$

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: -4.856 ± 0.117 χ^2/NDF : 3978.9/9

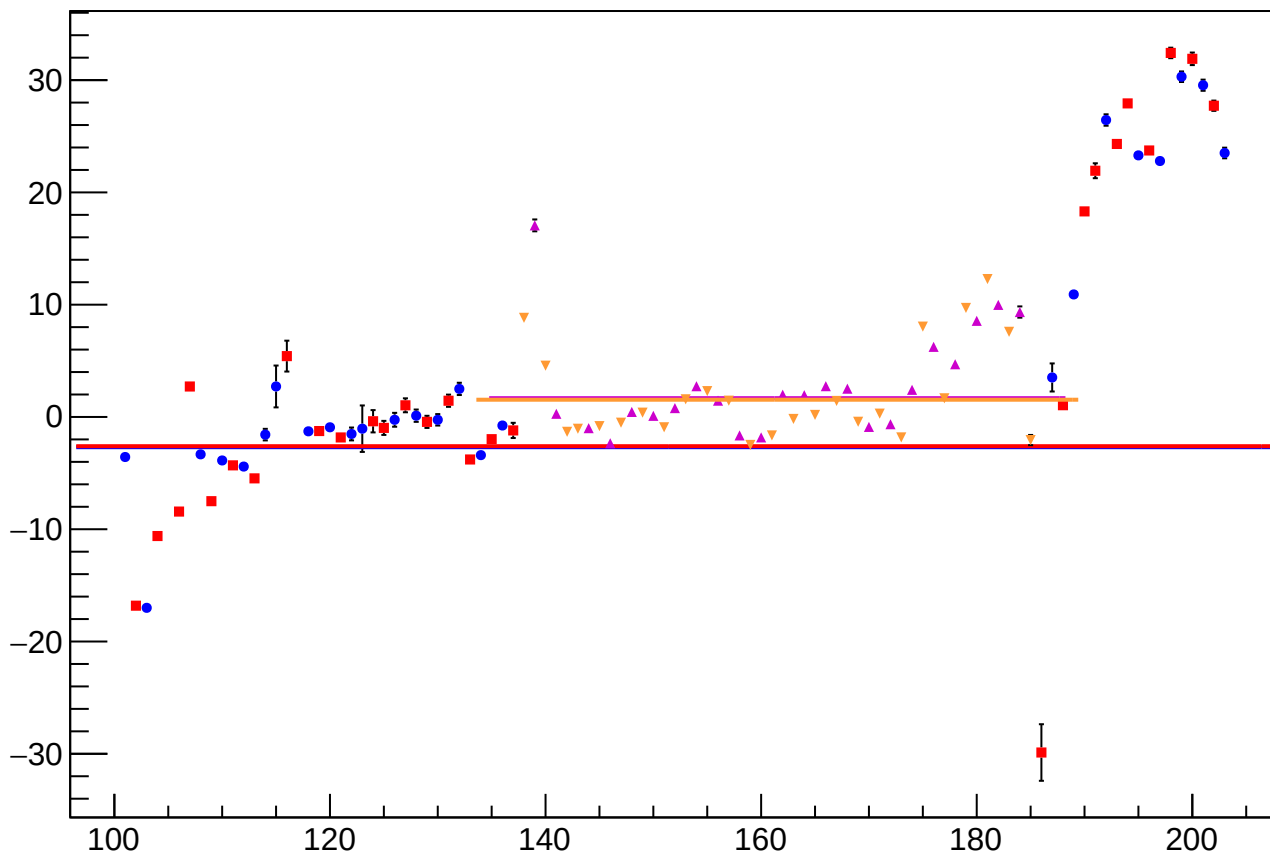
Left In: -8.010 ± 0.071 χ^2/NDF : 10631.2/22

+ sign -7.957 ± 0.064 χ^2/NDF : 13257.0/32

All: -7.539 ± 0.044 χ^2/NDF : 28477.0/65

- sign -7.157 ± 0.061 χ^2/NDF : 15137.7/32

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -2.692 ± 0.052 $\chi^2/\text{NDF}: 36421.2/24$

Left Out: 1.535 ± 0.055 $\chi^2/\text{NDF}: 4816.7/24$

Right Out: -2.604 ± 0.055 $\chi^2/\text{NDF}: 48337.3/27$

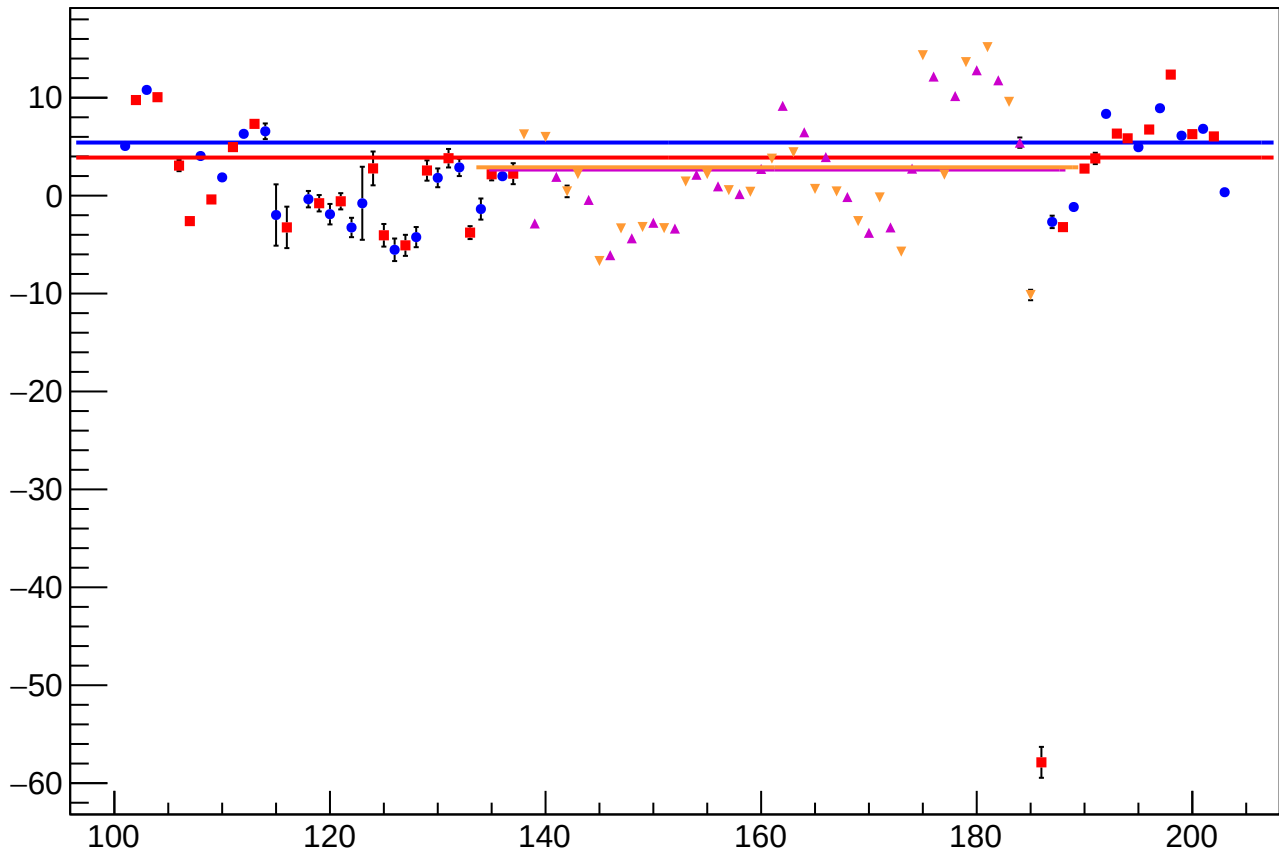
Left In: 1.673 ± 0.056 $\chi^2/\text{NDF}: 4106.3/22$

+ sign -0.676 ± 0.038 $\chi^2/\text{NDF}: 44385.8/49$

All: -0.603 ± 0.027 $\chi^2/\text{NDF}: 99788.1/100$

- sign -0.522 ± 0.039 $\chi^2/\text{NDF}: 55394.3/50$

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: 3.888 ± 0.070 χ^2/NDF : 7333.2/27

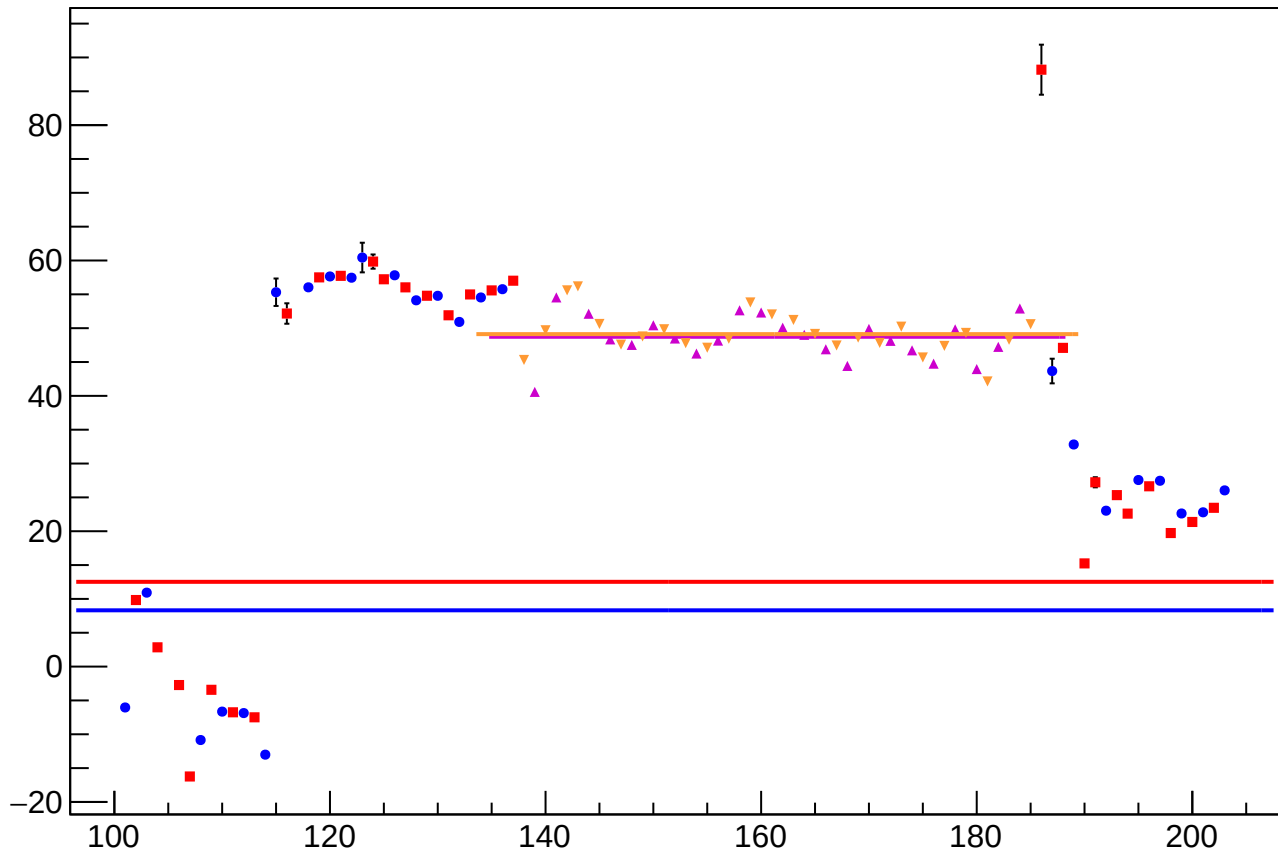
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 4.085 ± 0.051 χ^2/NDF : 11889.1/49

All: 3.675 ± 0.036 χ^2/NDF : 26807.5/100

- sign 3.289 ± 0.050 χ^2/NDF : 14793.8/50

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: 12.525 ± 0.065 χ^2/NDF : 134187.4/27

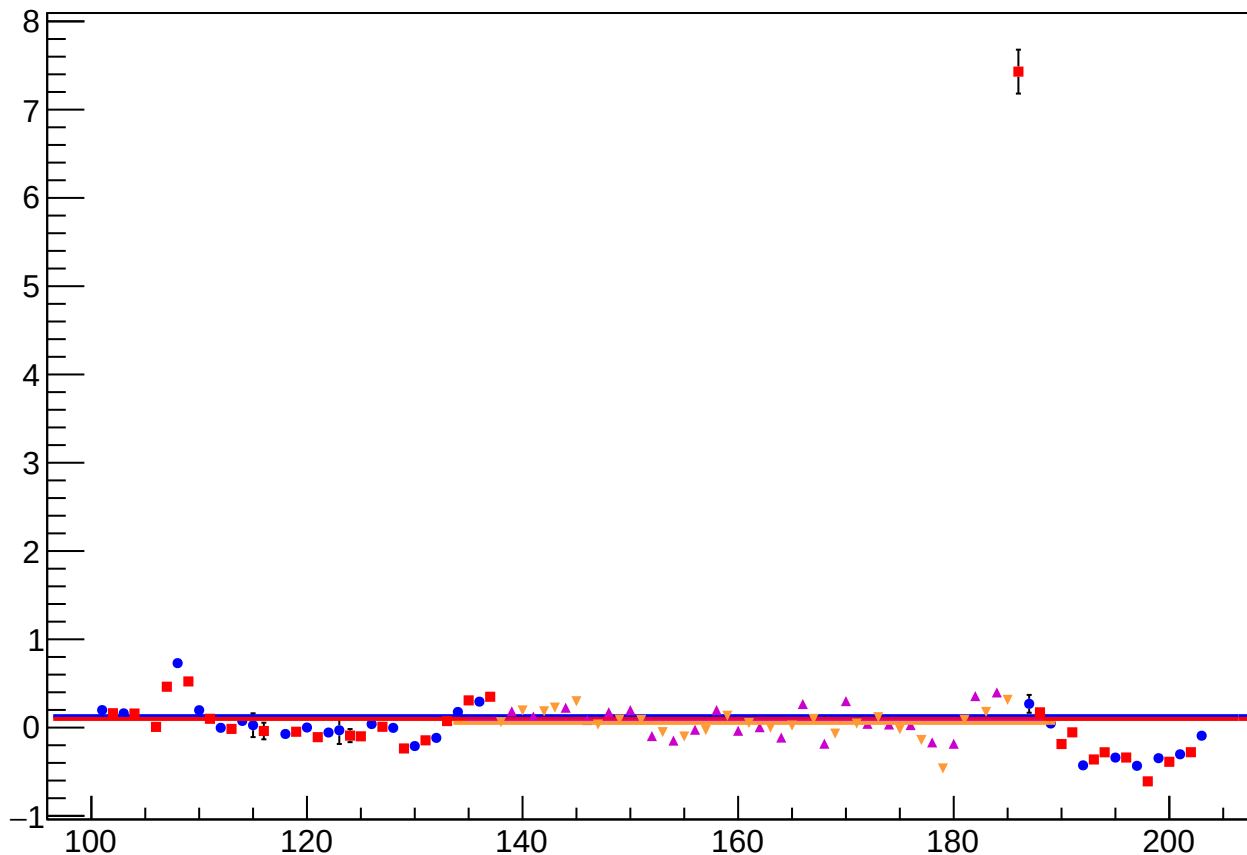
Left In: 48.731 ± 0.064 χ^2/NDF : 2117.7/22

+ sign 28.608 ± 0.044 χ^2/NDF : 353483.8/49

All: 29.832 ± 0.032 χ^2/NDF : 648850.3/100

- sign 31.168 ± 0.046 χ^2/NDF : 293721.8/50

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.129 ± 0.003 χ^2/NDF : 10260.9/24

Left Out: 0.053 ± 0.003 χ^2/NDF : 2369.3/24

Right Out: 0.098 ± 0.002 χ^2/NDF : 10788.1/27

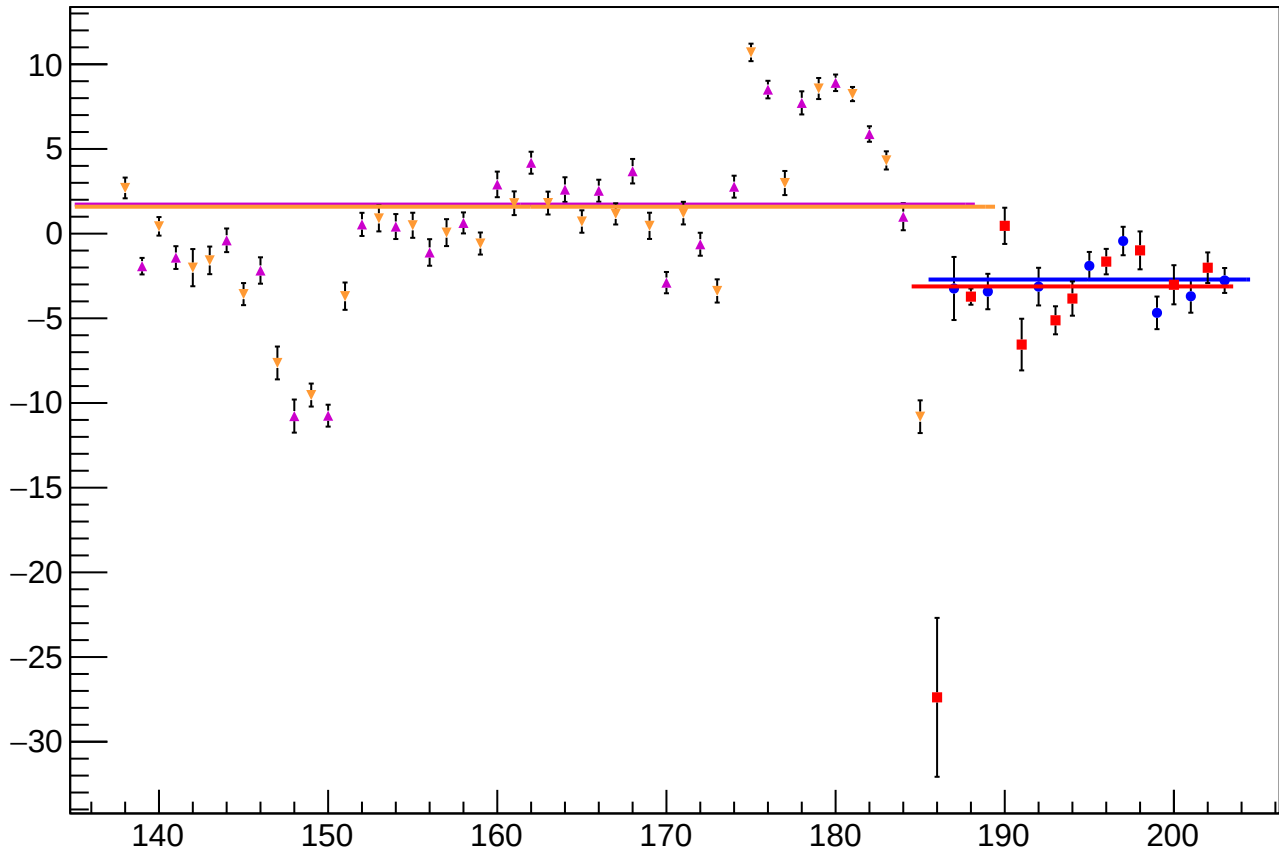
Left In: 0.072 ± 0.003 χ^2/NDF : 3272.0/22

+ sign 0.096 ± 0.002 χ^2/NDF : 13031.3/49

All: 0.091 ± 0.001 χ^2/NDF : 27150.7/100

- sign 0.087 ± 0.002 χ^2/NDF : 14108.4/50

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: -3.117 ± 0.280 χ^2/NDF : 59.9/9

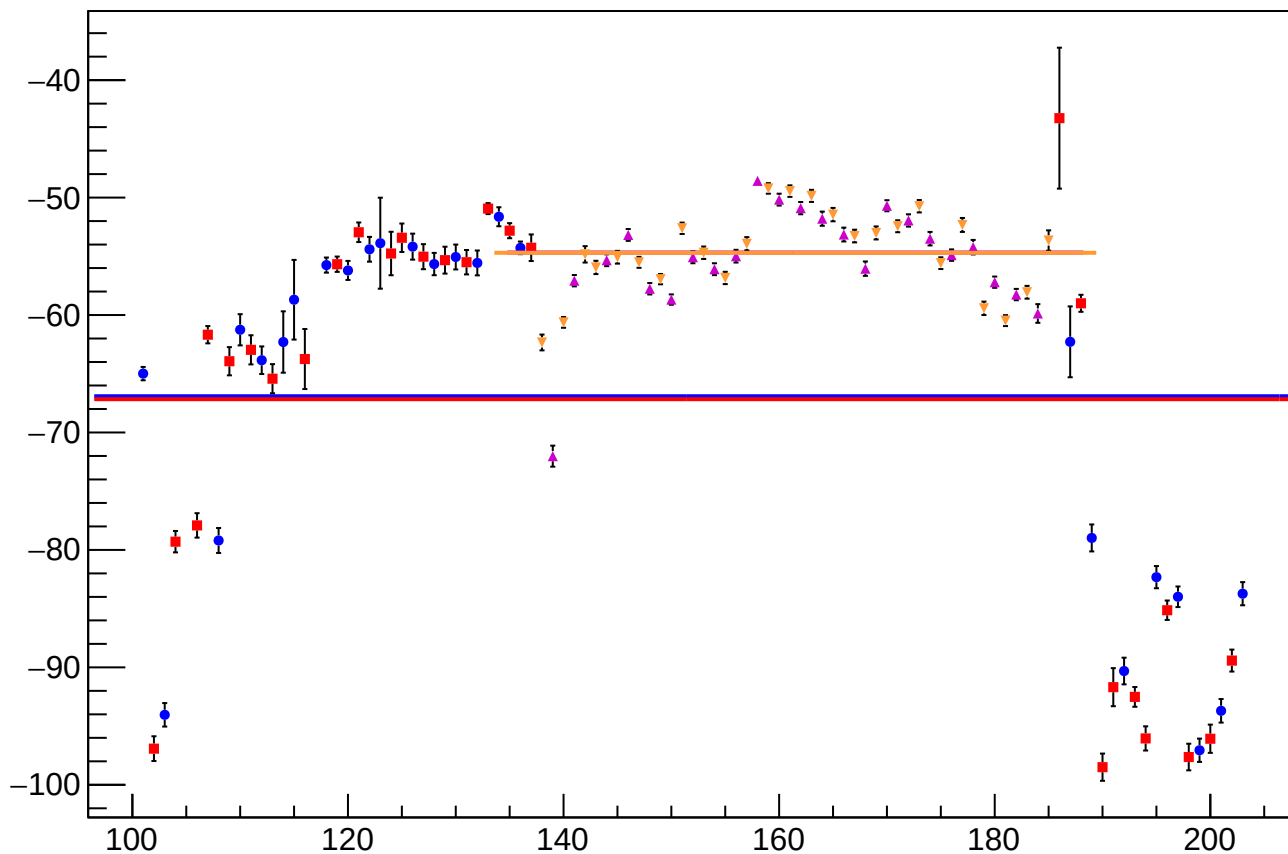
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.006 ± 0.124 χ^2/NDF : 1613.6/32

All: 0.908 ± 0.086 χ^2/NDF : 3229.9/65

- sign 0.815 ± 0.121 χ^2/NDF : 1615.1/32

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: -67.166 ± 0.178 χ^2/NDF : 9263.1/27

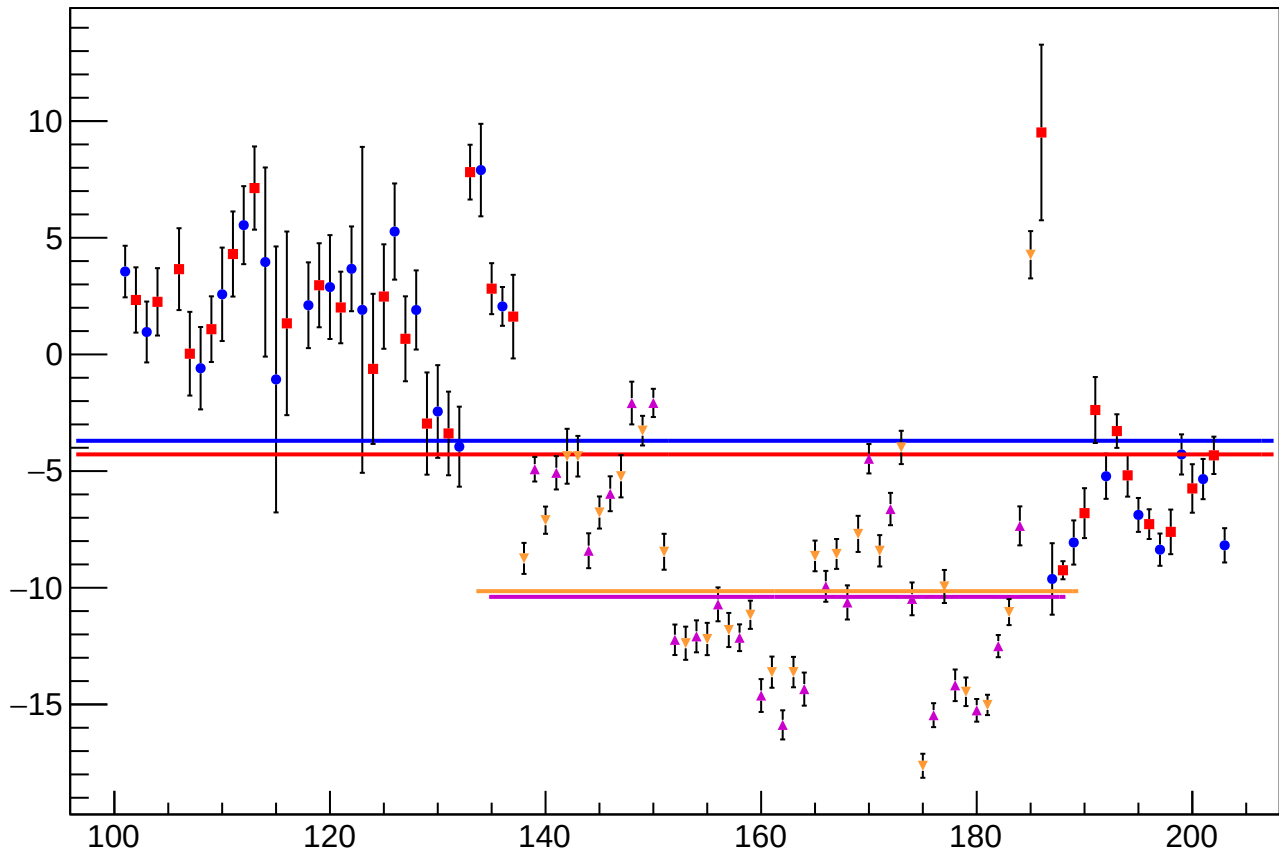
Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

+ sign -57.560 ± 0.093 χ^2/NDF : 10308.8/49

All: -57.832 ± 0.066 χ^2/NDF : 24304.7/100

- sign -58.107 ± 0.093 χ^2/NDF : 13978.6/50

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -3.701 $\pm$ 0.241 χ^2 /NDF: 396.0/24

Left Out: -10.146 $\pm$ 0.133 χ^2 /NDF:1051.2/24

Right Out: -4.285 $\pm$ 0.205 χ^2 /NDF: 583.6/27

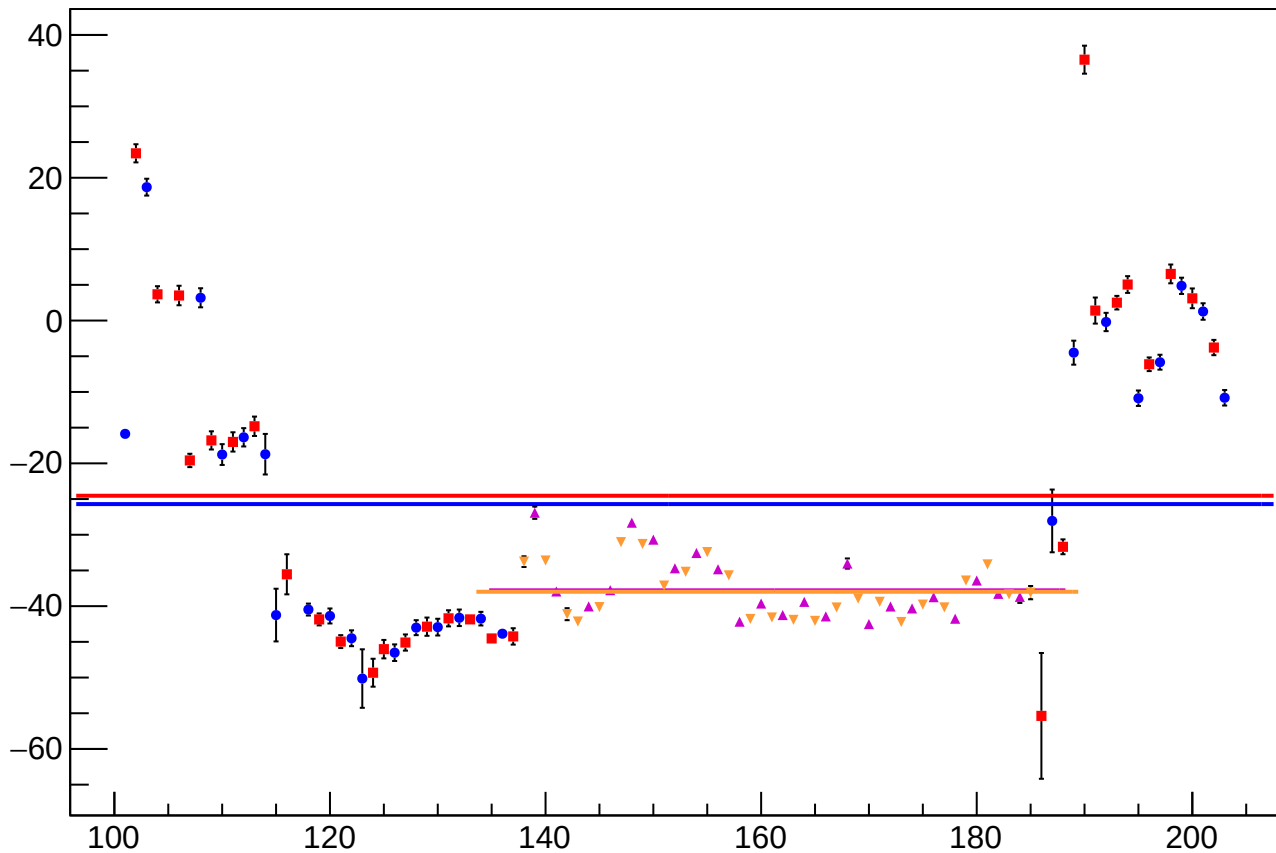
Left In: -10.391 $\pm$ 0.134 χ^2 /NDF:1024.8/22

+ sign -8.638 $\pm$ 0.116 χ^2 /NDF: 1996.3/49

All: -8.601 $\pm$ 0.081 χ^2 /NDF: 4227.5/100

- sign -8.566 $\pm$ 0.112 χ^2 /NDF: 2231.1/50

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: -24.536 ± 0.208 χ^2/NDF : 11269.8/27

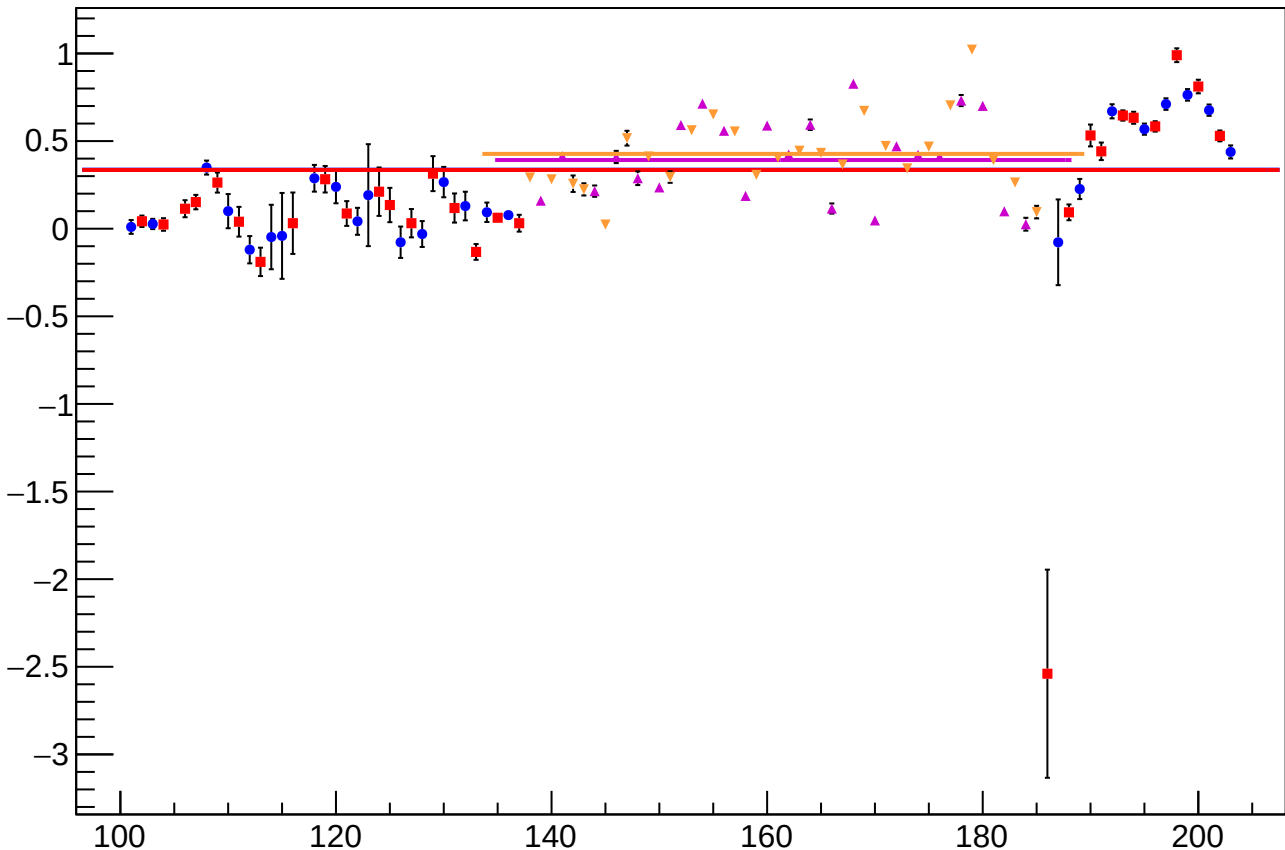
Left In: -37.784 ± 0.122 χ^2/NDF : 1079.7/22

+ sign -35.205 ± 0.105 χ^2/NDF : 11355.1/49

All: -34.805 ± 0.074 χ^2/NDF : 26750.7/100

- sign -34.401 ± 0.105 χ^2/NDF : 15366.2/50

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.337+/-0.009 χ^2/NDF : 994.5/24

Left Out: 0.427 ± 0.005 $\chi^2/\text{NDF}: 1293.3/24$

Right Out: 0.335 ± 0.009 χ^2/NDF : 1339.4/27

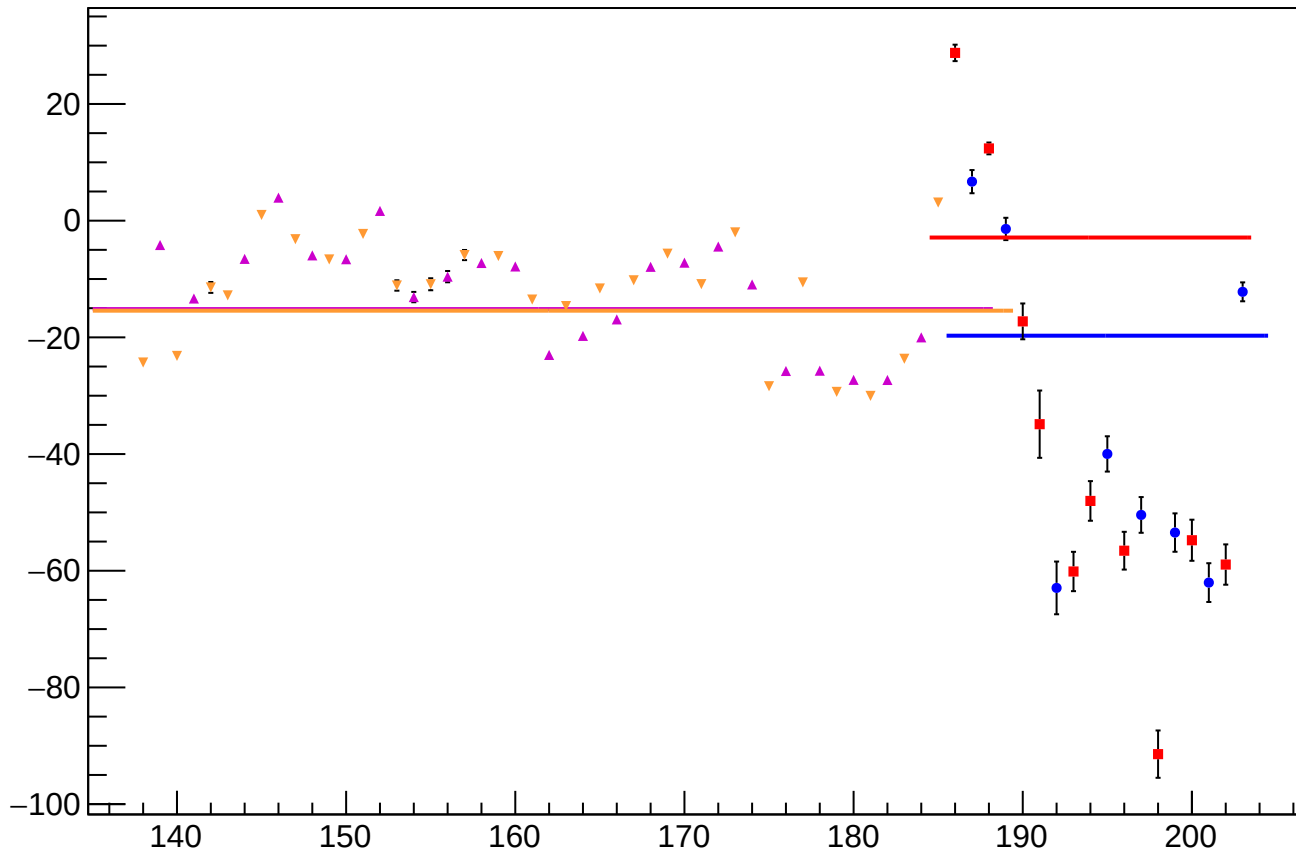
Left In: 0.392+/-0.005 χ^2/NDF :1835.6/22

+ sign 0.404 $\pm$ 0.005 χ^2 /NDF: 2358.4/49

All: 0.390 ± 0.003 $\chi^2/\text{NDF}: 5582.5/100$

- sign 0.376 ± 0.005 χ^2/NDF : 3205.7/50

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: -2.889 ± 0.689 $\chi^2/\text{NDF}: 2480.7/9$

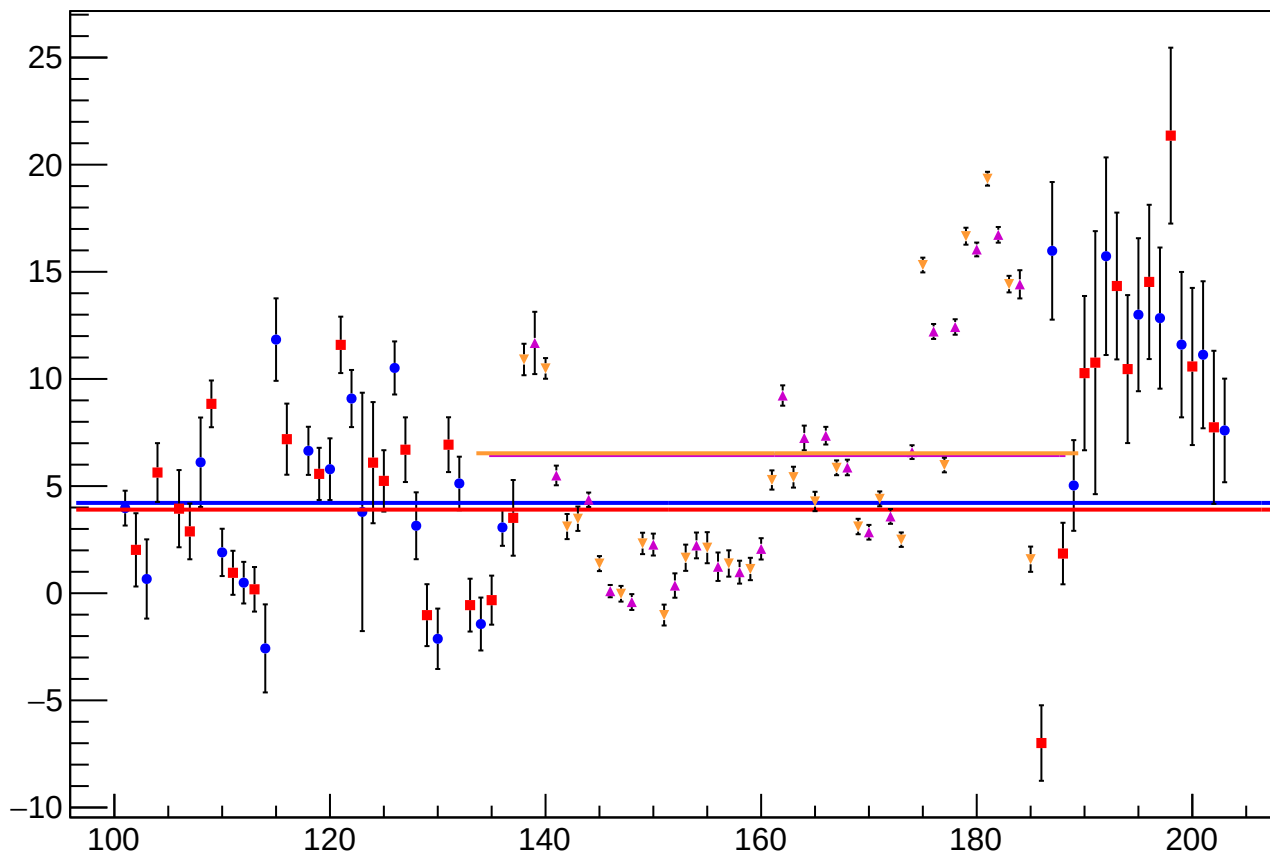
Left In: -15.151 ± 0.106 $\chi^2/\text{NDF}: 8744.3/22$

+ sign -15.491 ± 0.105 $\chi^2/\text{NDF}: 11318.4/32$

All: -15.180 ± 0.074 $\chi^2/\text{NDF}: 22871.0/65$

- sign -14.866 ± 0.105 $\chi^2/\text{NDF}: 11534.8/32$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 4.215 $\pm$ 0.296 χ^2 /NDF: 182.7/24

Left Out: 6.531 $\pm$ 0.086 χ^2 /NDF: 4969.5/24

Right Out: 3.901 $\pm$ 0.297 χ^2 /NDF: 222.5/27

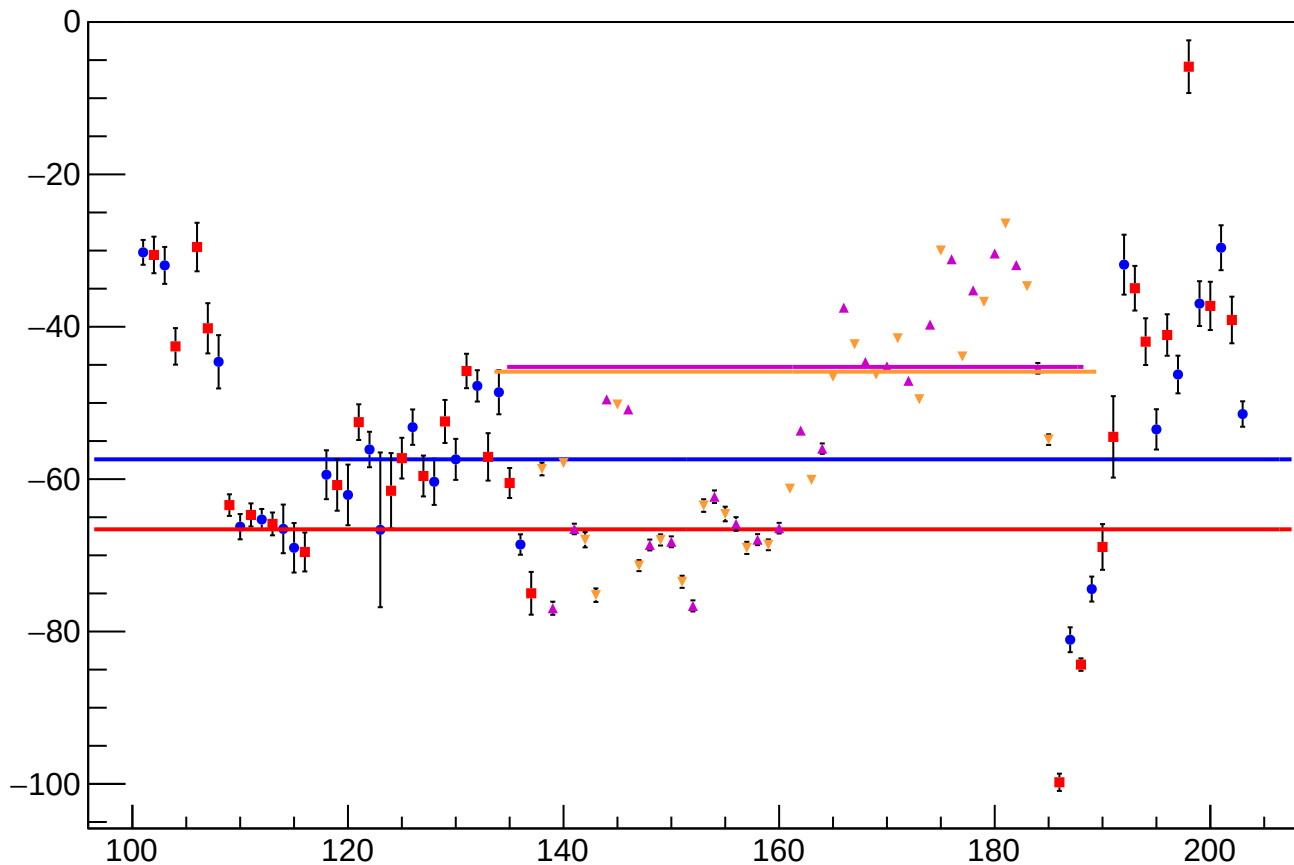
Left In: 6.448 $\pm$ 0.086 χ^2 /NDF: 3955.6/22

+ sign 6.353 $\pm$ 0.082 χ^2 /NDF: 5208.6/49

All: 6.302 $\pm$ 0.058 χ^2 /NDF: 9455.5/100

- sign 6.251 $\pm$ 0.082 χ^2 /NDF: 4246.1/50

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: -66.587 ± 0.391 $\chi^2/\text{NDF}: 2811.0/27$

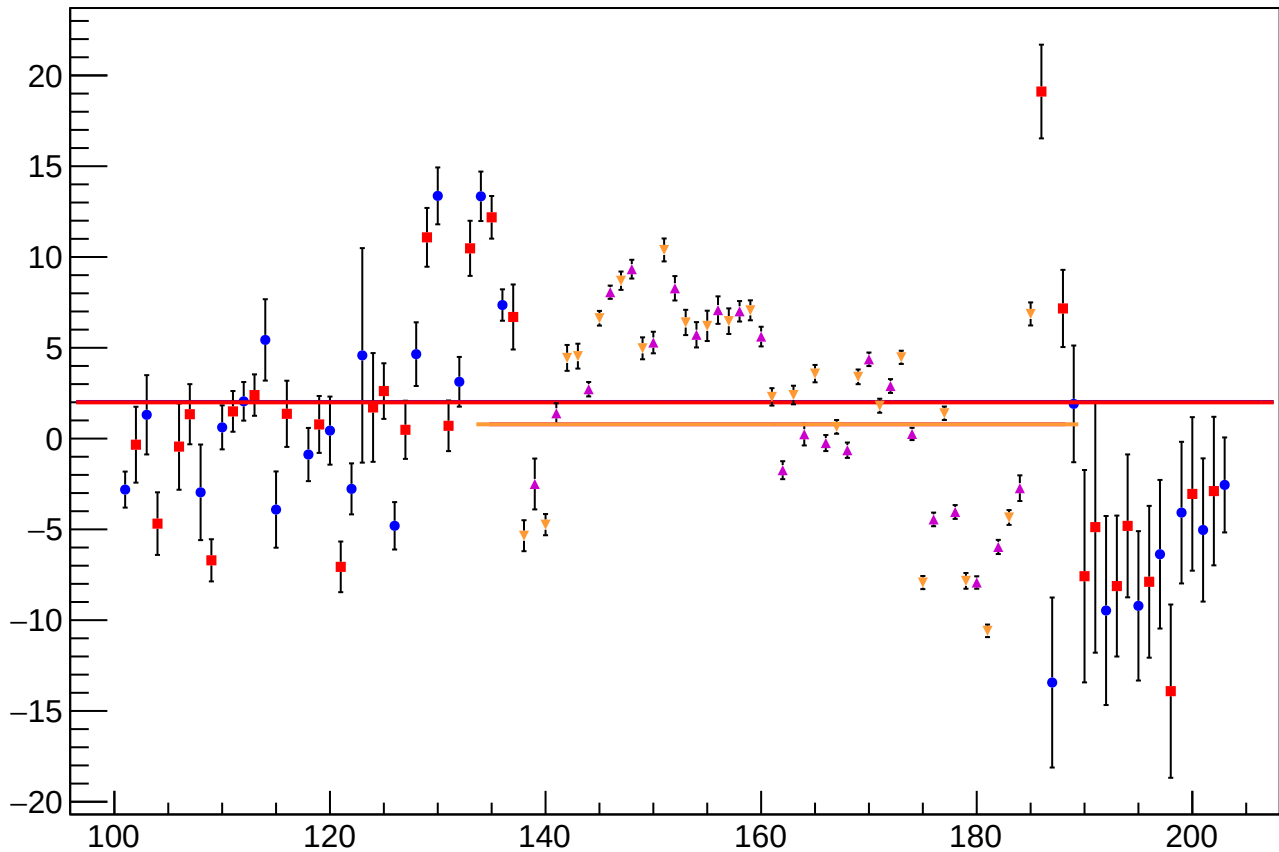
Left In: -45.268 ± 0.107 $\chi^2/\text{NDF}: 15775.7/22$

+ sign -46.526 ± 0.103 $\chi^2/\text{NDF}: 18896.5/49$

All: -46.637 ± 0.073 $\chi^2/\text{NDF}: 40252.2/100$

- sign -46.747 ± 0.103 $\chi^2/\text{NDF}: 21353.4/50$

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: 1.995 ± 0.339 χ^2/NDF : 346.6/27

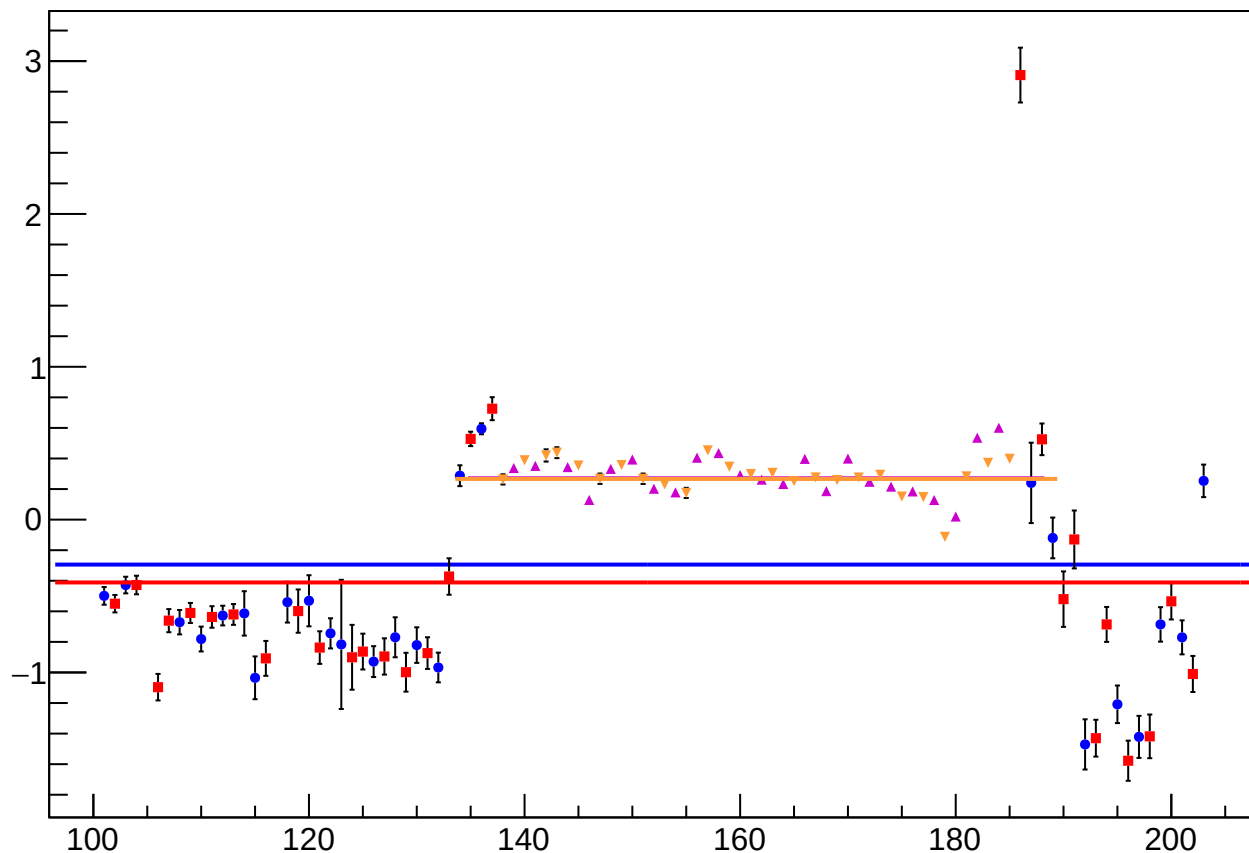
Left In: 0.791 ± 0.096 χ^2/NDF : 2697.7/22

+ sign 0.880 ± 0.092 χ^2/NDF : 4040.6/49

All: 0.880 ± 0.065 χ^2/NDF : 7096.6/100

- sign 0.881 ± 0.093 χ^2/NDF : 3056.0/50

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: -0.411 ± 0.017 χ^2/NDF : 1508.3/27

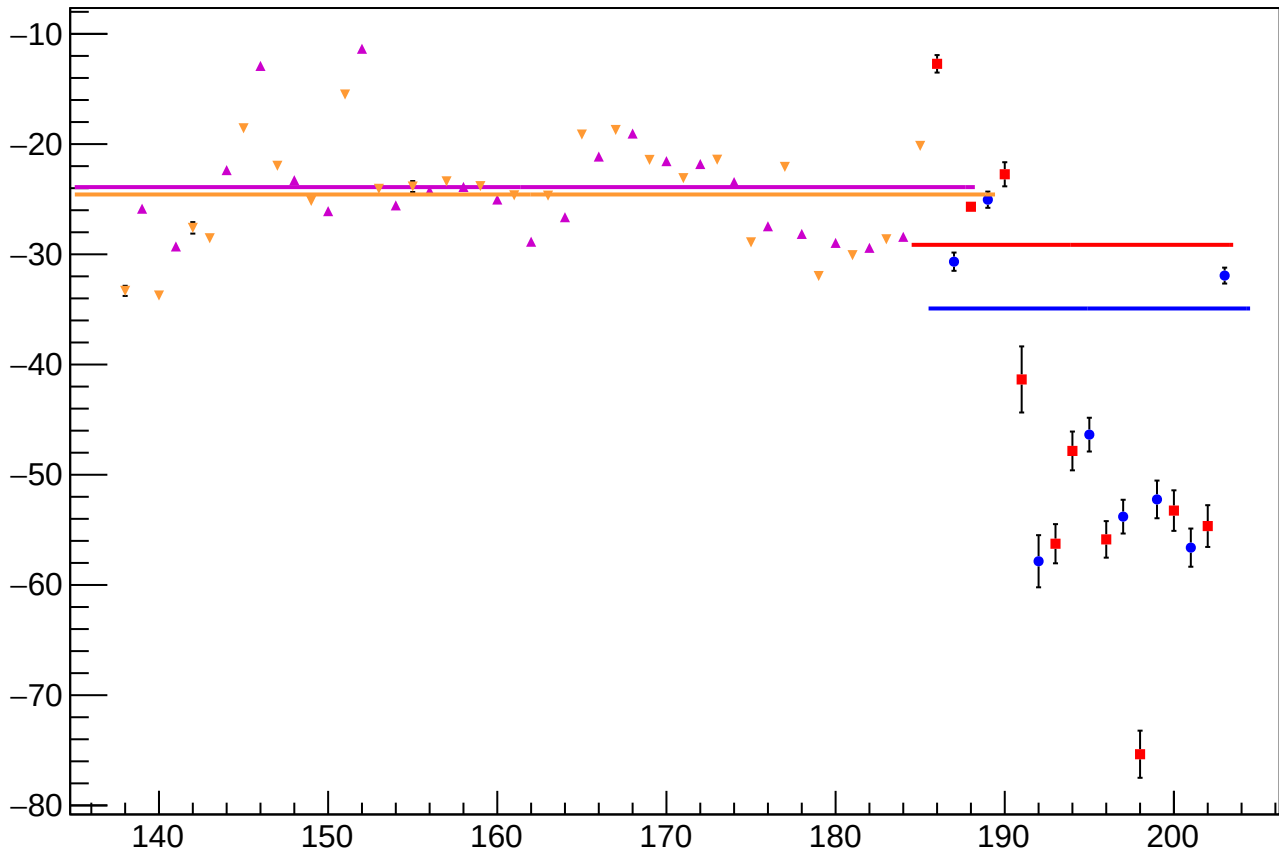
Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

+ sign 0.233 ± 0.004 χ^2/NDF : 2873.5/49

All: 0.231 ± 0.003 χ^2/NDF : 6815.4/100

- sign 0.229 ± 0.004 χ^2/NDF : 3941.3/50

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -34.915 ± 0.380 $\chi^2/\text{NDF}: 785.0/7$

Left Out: -24.571 ± 0.051 $\chi^2/\text{NDF}: 8610.0/24$

Right Out: -29.140 ± 0.321 $\chi^2/\text{NDF}: 1969.1/9$

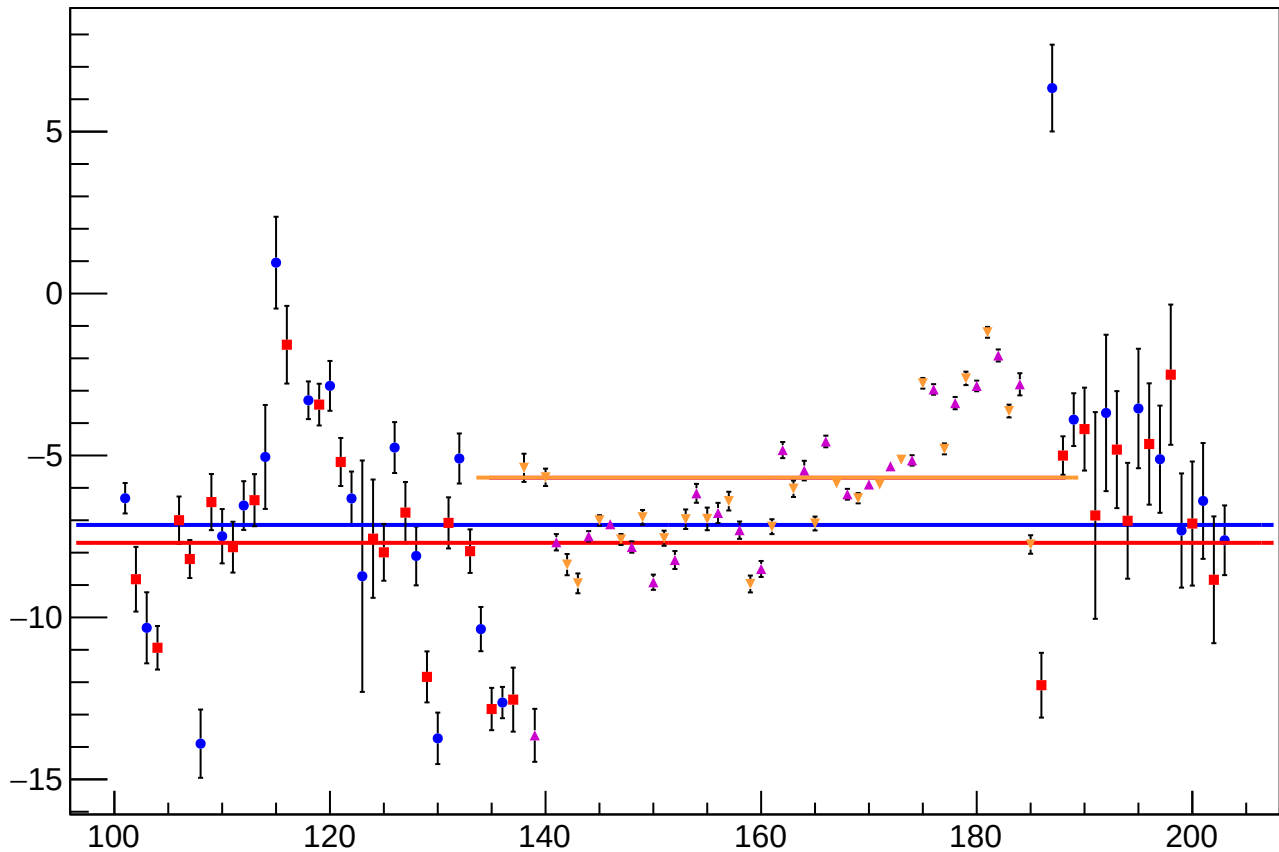
Left In: -23.902 ± 0.051 $\chi^2/\text{NDF}: 9158.9/22$

+ sign -24.754 ± 0.051 $\chi^2/\text{NDF}: 10124.0/32$

All: -24.390 ± 0.036 $\chi^2/\text{NDF}: 21615.4/65$

- sign -24.030 ± 0.050 $\chi^2/\text{NDF}: 11388.1/32$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.144 ± 0.173 χ^2/NDF : 525.9/24

Left Out: -5.683 ± 0.041 χ^2/NDF : 2231.0/24

Right Out: -7.697 ± 0.169 χ^2/NDF : 286.2/27

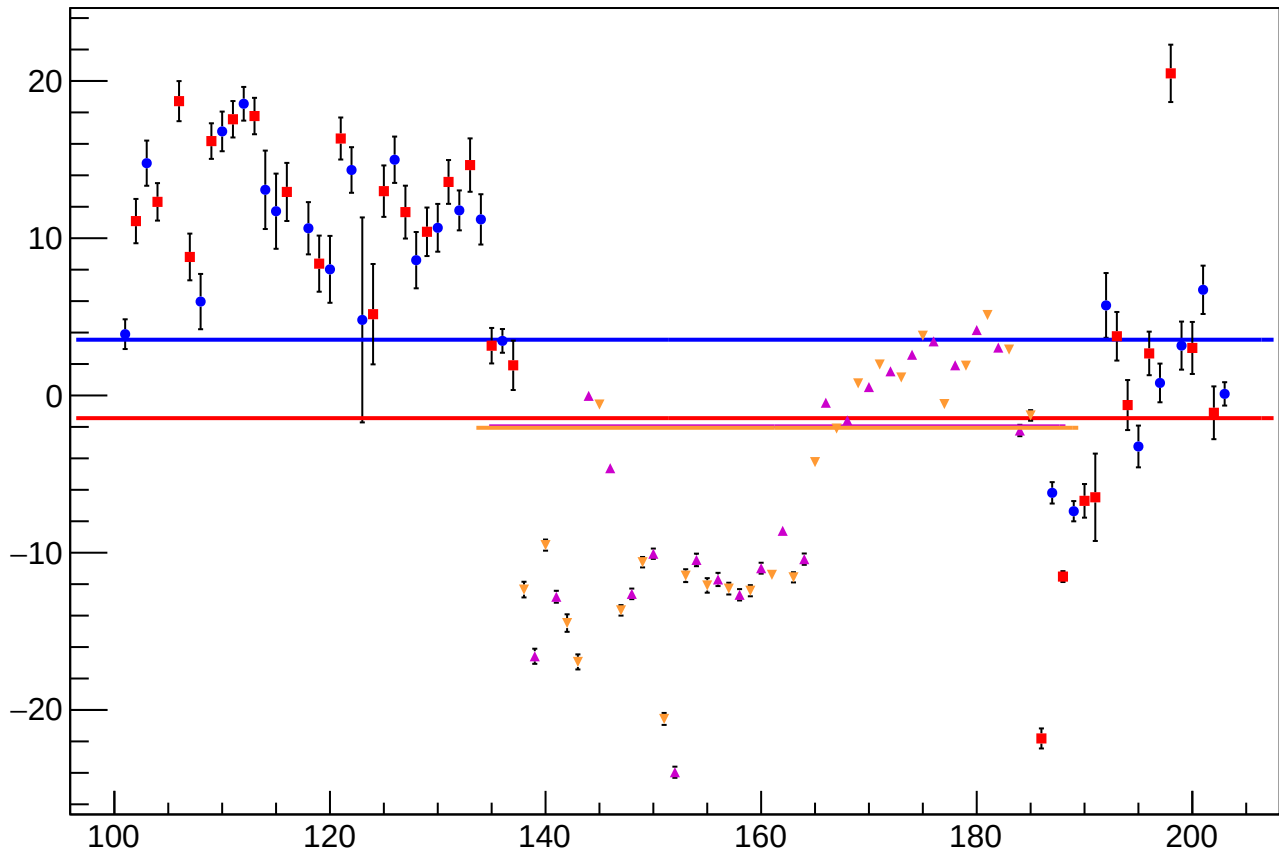
Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

+ sign -5.761 ± 0.040 χ^2/NDF : 2824.4/49

All: -5.781 ± 0.028 χ^2/NDF : 5573.0/100

- sign -5.800 ± 0.039 χ^2/NDF : 2748.1/50

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: -1.443 ± 0.208 $\chi^2/\text{NDF}: 4063.5/27$

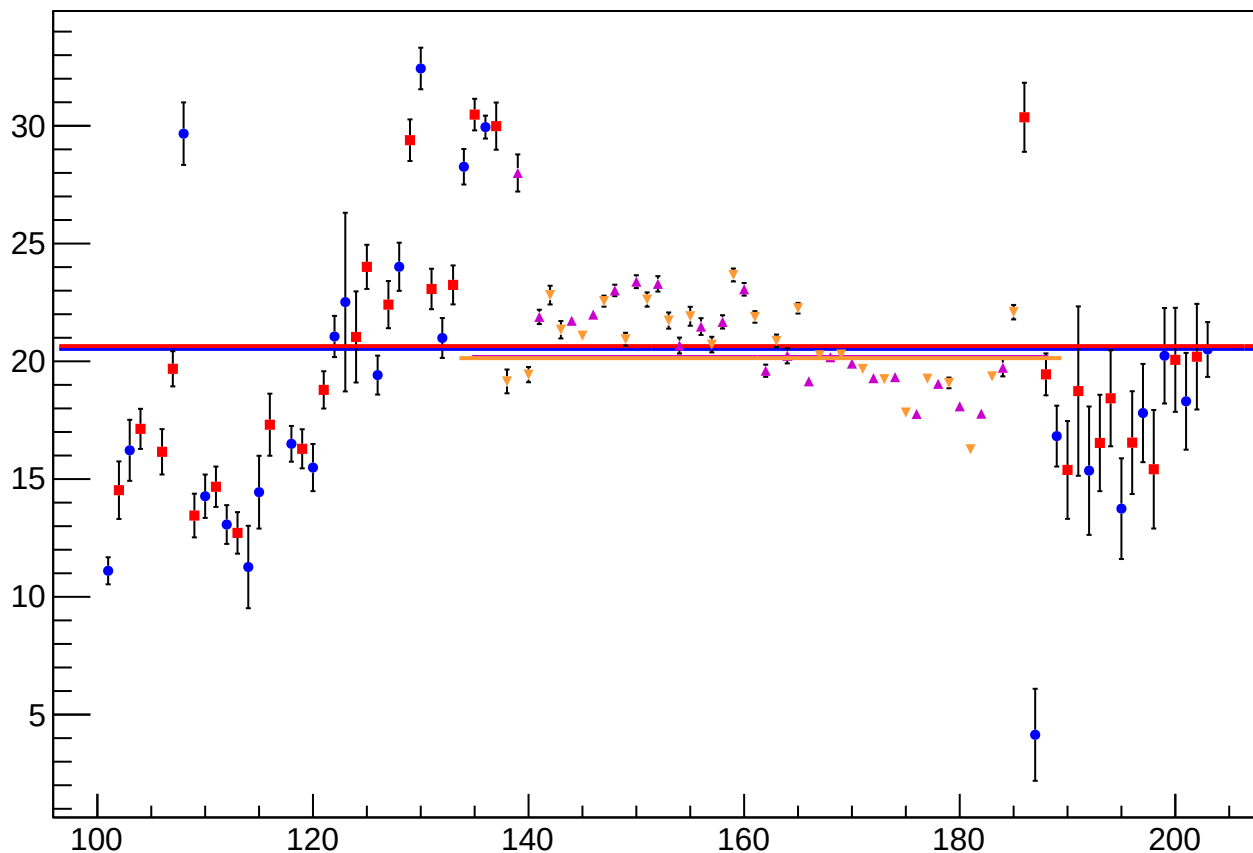
Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

+ sign -1.807 ± 0.050 $\chi^2/\text{NDF}: 17746.8/49$

All: -1.871 ± 0.035 $\chi^2/\text{NDF}: 37312.3/100$

- sign -1.933 ± 0.050 $\chi^2/\text{NDF}: 19562.3/50$

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: 20.645 $\pm$ 0.199 χ^2 /NDF: 794.1/27

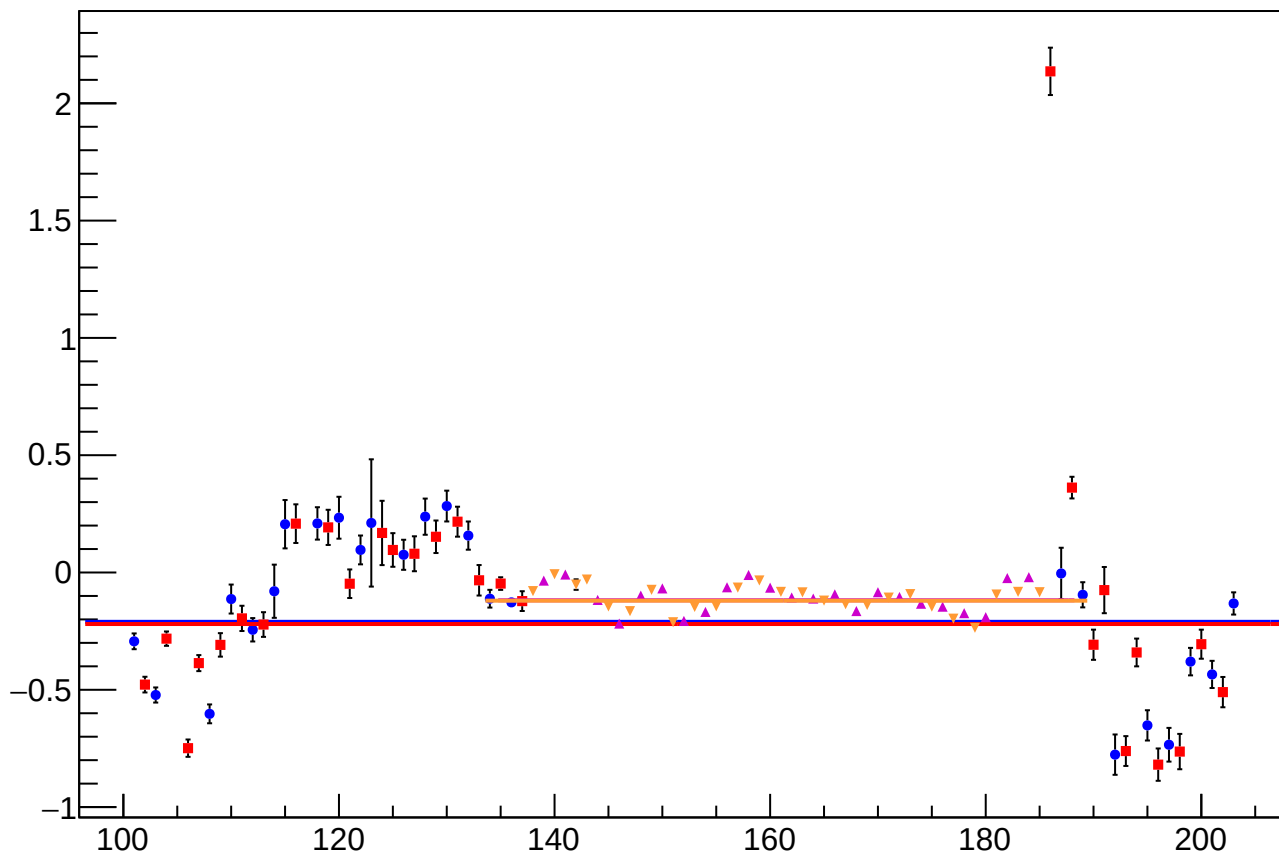
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

+ sign 20.156 $\pm$ 0.045 χ^2 /NDF: 2742.9/49

All: 20.182 $\pm$ 0.032 χ^2 /NDF: 5013.5/100

- sign 20.207 $\pm$ 0.045 χ^2 /NDF: 2269.9/50

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: -0.220 ± 0.010 χ^2/NDF : 1468.8/27

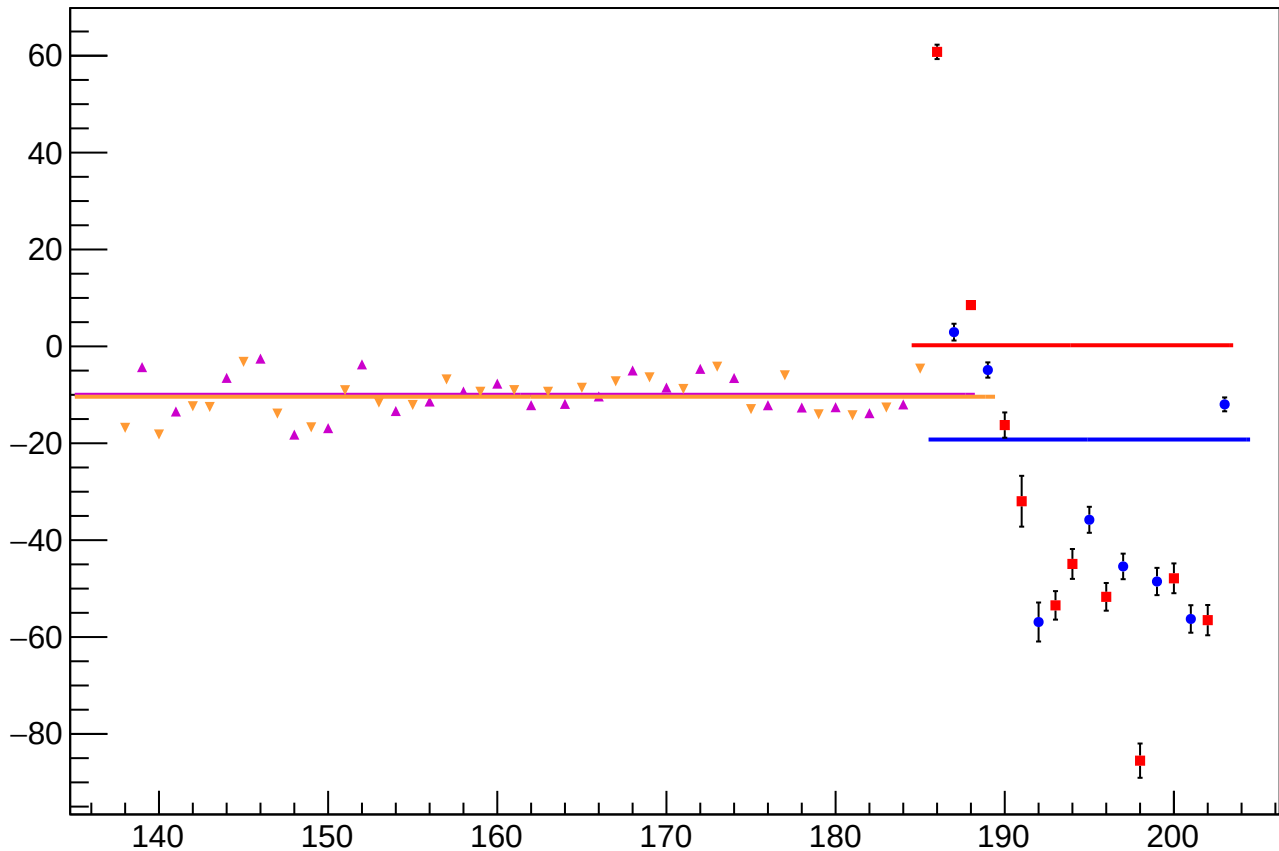
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.124 ± 0.002 χ^2/NDF : 1264.1/49

All: -0.123 ± 0.001 χ^2/NDF : 3564.6/100

- sign -0.123 ± 0.002 χ^2/NDF : 2300.4/50

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: 0.231 ± 0.618 $\chi^2/\text{NDF}: 3869.9/9$

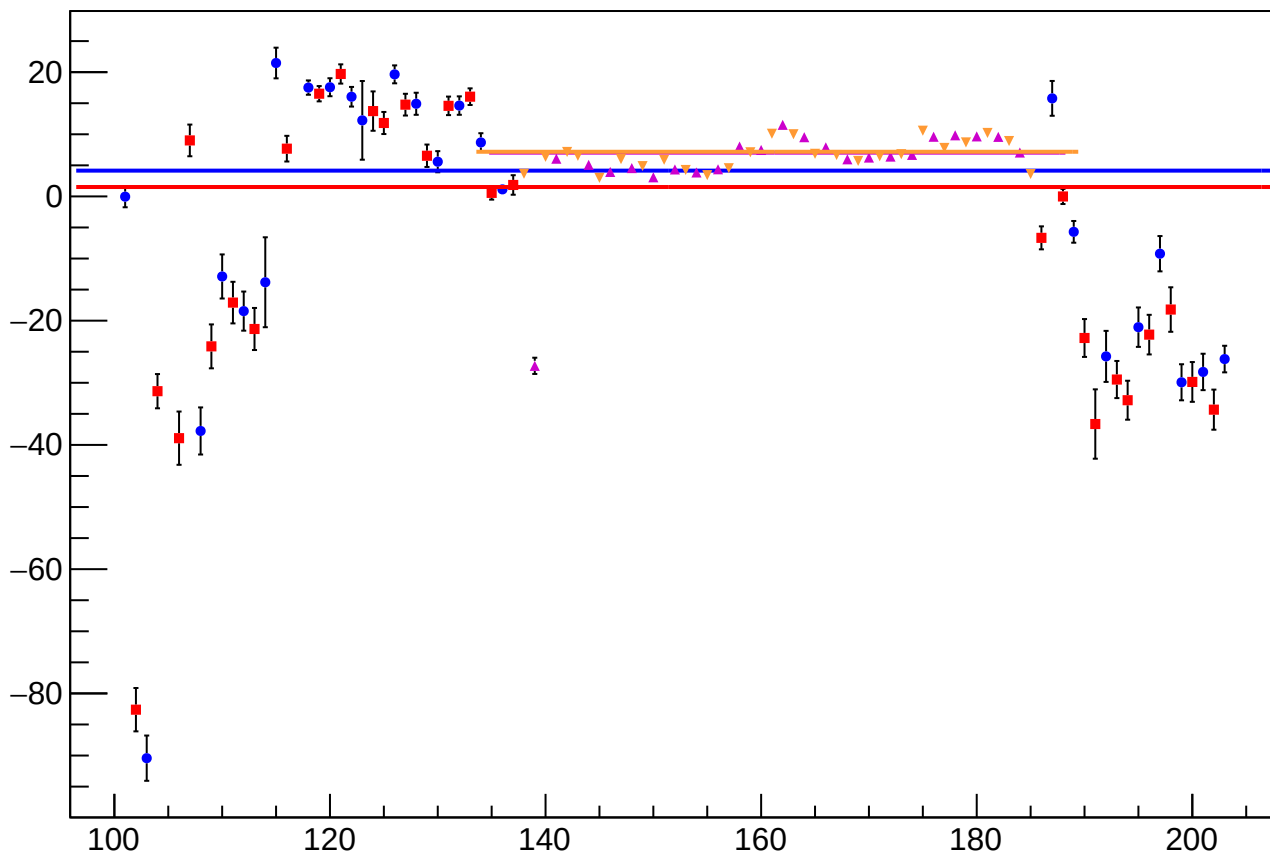
Left In: -9.990 ± 0.089 $\chi^2/\text{NDF}: 1794.2/22$

+ sign -10.514 ± 0.087 $\chi^2/\text{NDF}: 3027.7/32$

All: -10.152 ± 0.062 $\chi^2/\text{NDF}: 8995.0/65$

- sign -9.781 ± 0.088 $\chi^2/\text{NDF}: 5932.4/32$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 4.150 ± 0.369 χ^2/NDF : 2086.0/24

Left Out: 7.187 ± 0.074 χ^2/NDF : 916.3/24

Right Out: 1.513 ± 0.378 χ^2/NDF : 2218.6/27

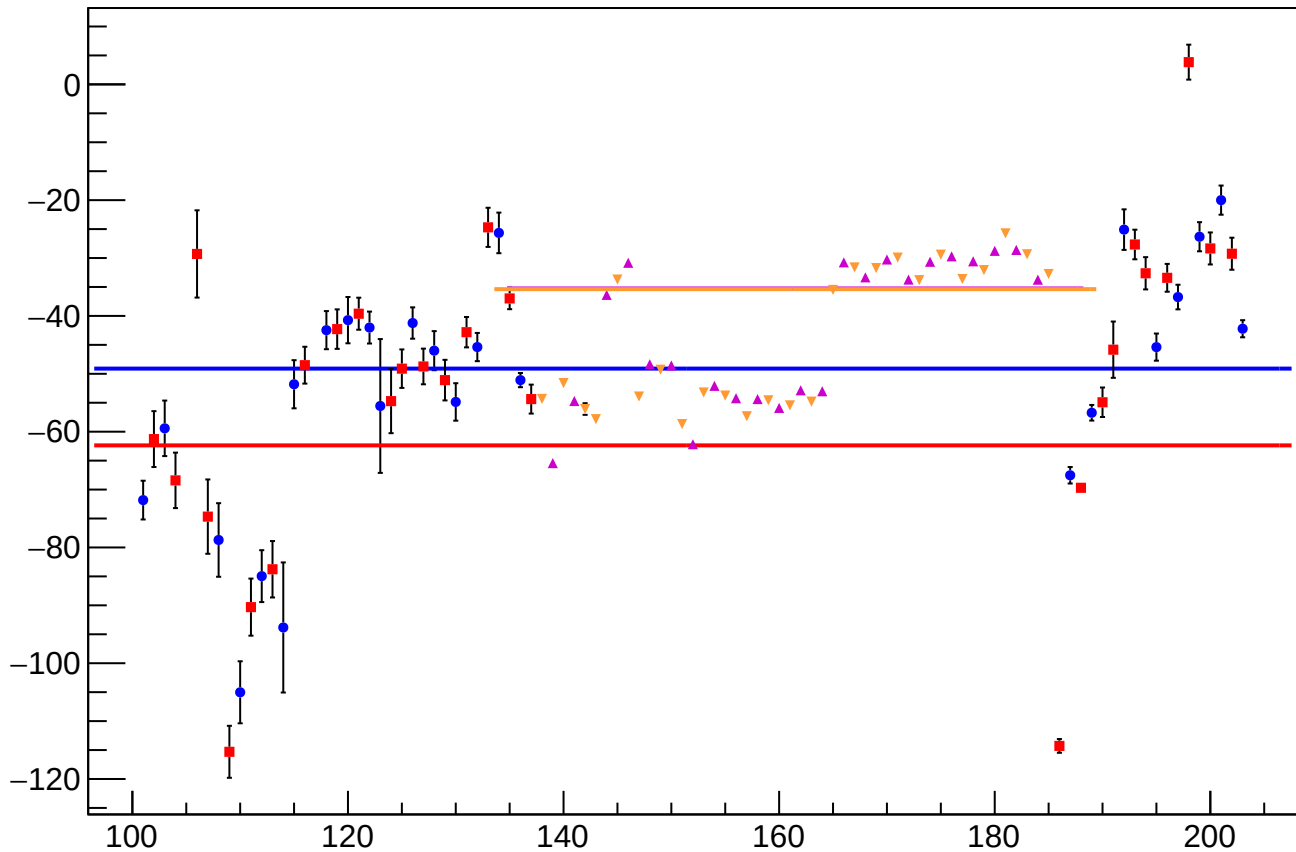
Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

+ sign 7.071 ± 0.072 χ^2/NDF : 3067.6/49

All: 6.956 ± 0.051 χ^2/NDF : 7101.8/100

- sign 6.839 ± 0.073 χ^2/NDF : 4029.1/50

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: -62.365 ± 0.431 χ^2/NDF : 4020.6/27

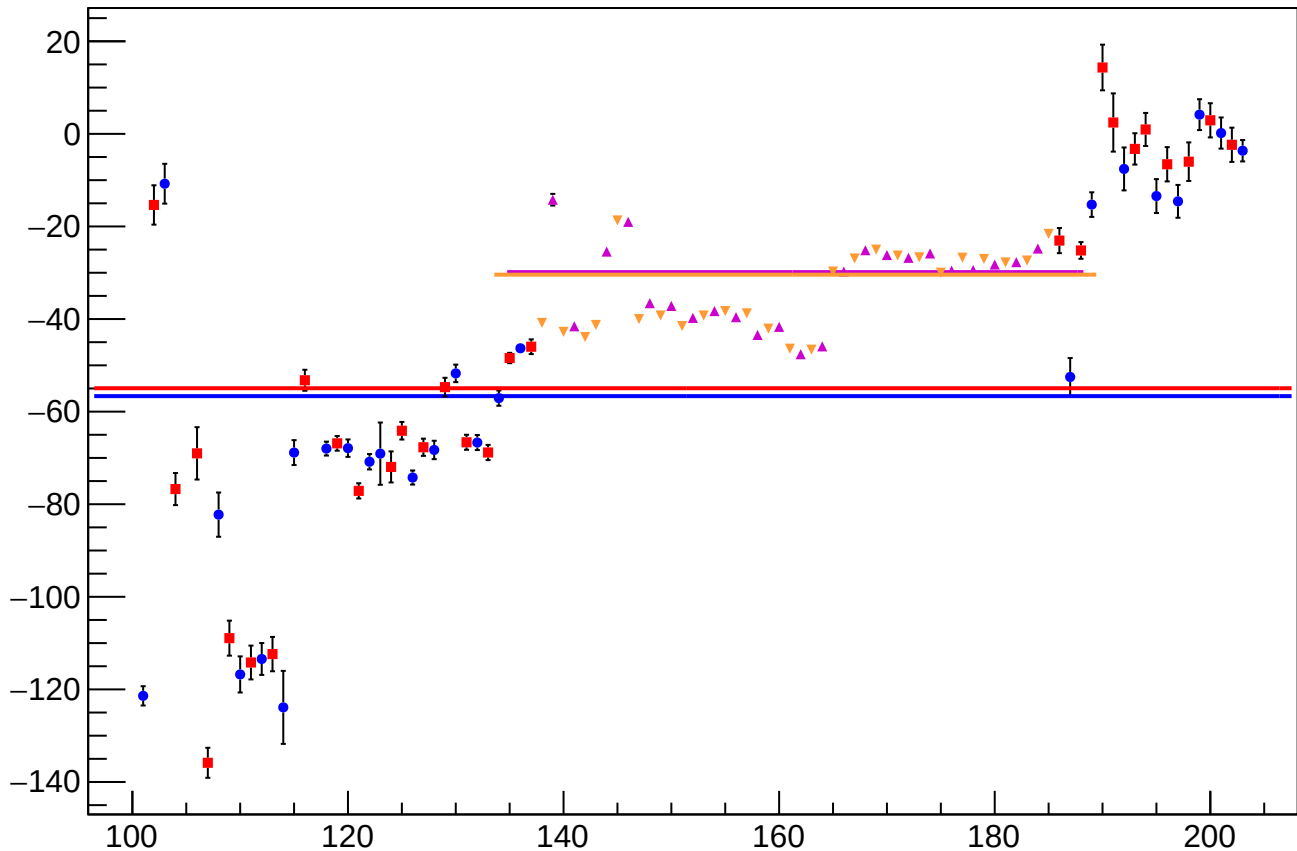
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.813 ± 0.088 χ^2/NDF : 14242.0/49

All: -36.100 ± 0.062 χ^2/NDF : 33844.8/100

- sign -36.387 ± 0.088 χ^2/NDF : 19581.4/50

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -56.650 ± 0.415 $\chi^2/\text{NDF}: 4038.8/24$

Left Out: -30.415 ± 0.082 $\chi^2/\text{NDF}: 8132.2/24$

Right Out: -54.947 ± 0.437 $\chi^2/\text{NDF}: 3910.4/27$

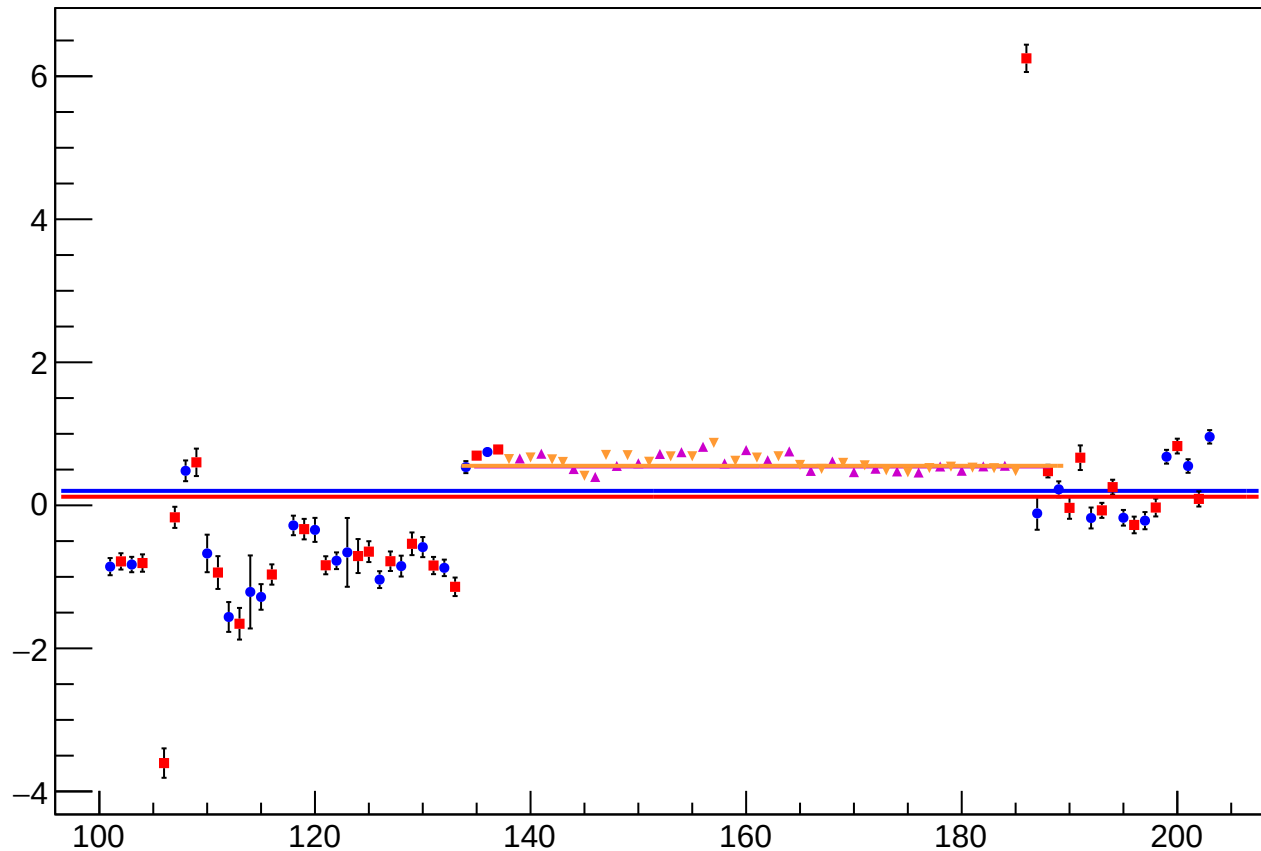
Left In: -29.863 ± 0.082 $\chi^2/\text{NDF}: 7145.9/22$

+ sign -31.392 ± 0.080 $\chi^2/\text{NDF}: 16019.9/49$

All: -31.061 ± 0.057 $\chi^2/\text{NDF}: 30297.3/100$

- sign -30.723 ± 0.081 $\chi^2/\text{NDF}: 14242.8/50$

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: 0.120 ± 0.021 $\chi^2/\text{NDF}: 2313.6/27$

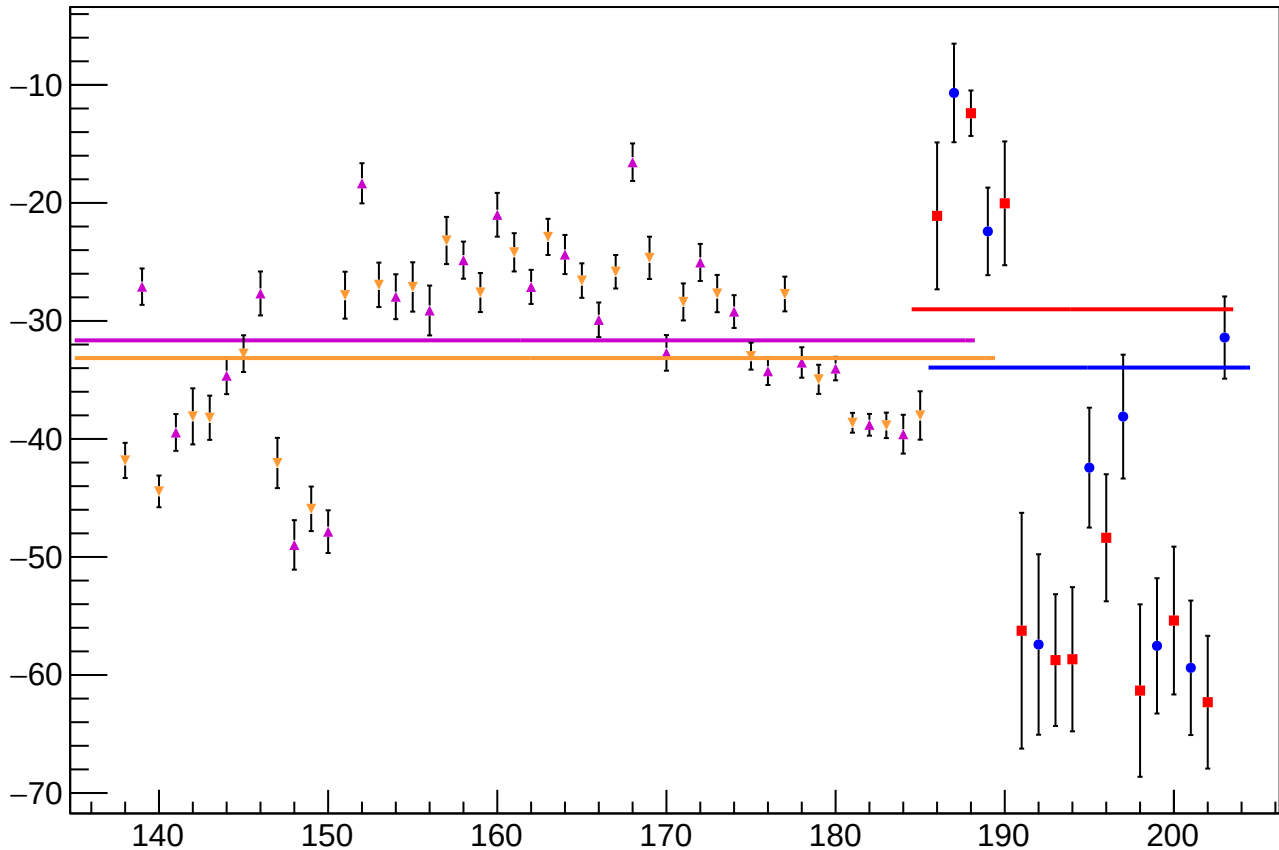
Left In: 0.544 ± 0.004 $\chi^2/\text{NDF}: 659.2/22$

+ sign 0.542 ± 0.004 $\chi^2/\text{NDF}: 1954.7/49$

All: 0.536 ± 0.003 $\chi^2/\text{NDF}: 5311.9/100$

- sign 0.531 ± 0.004 $\chi^2/\text{NDF}: 3352.8/50$

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: -29.013 ± 1.398 χ^2/NDF : 223.7/9

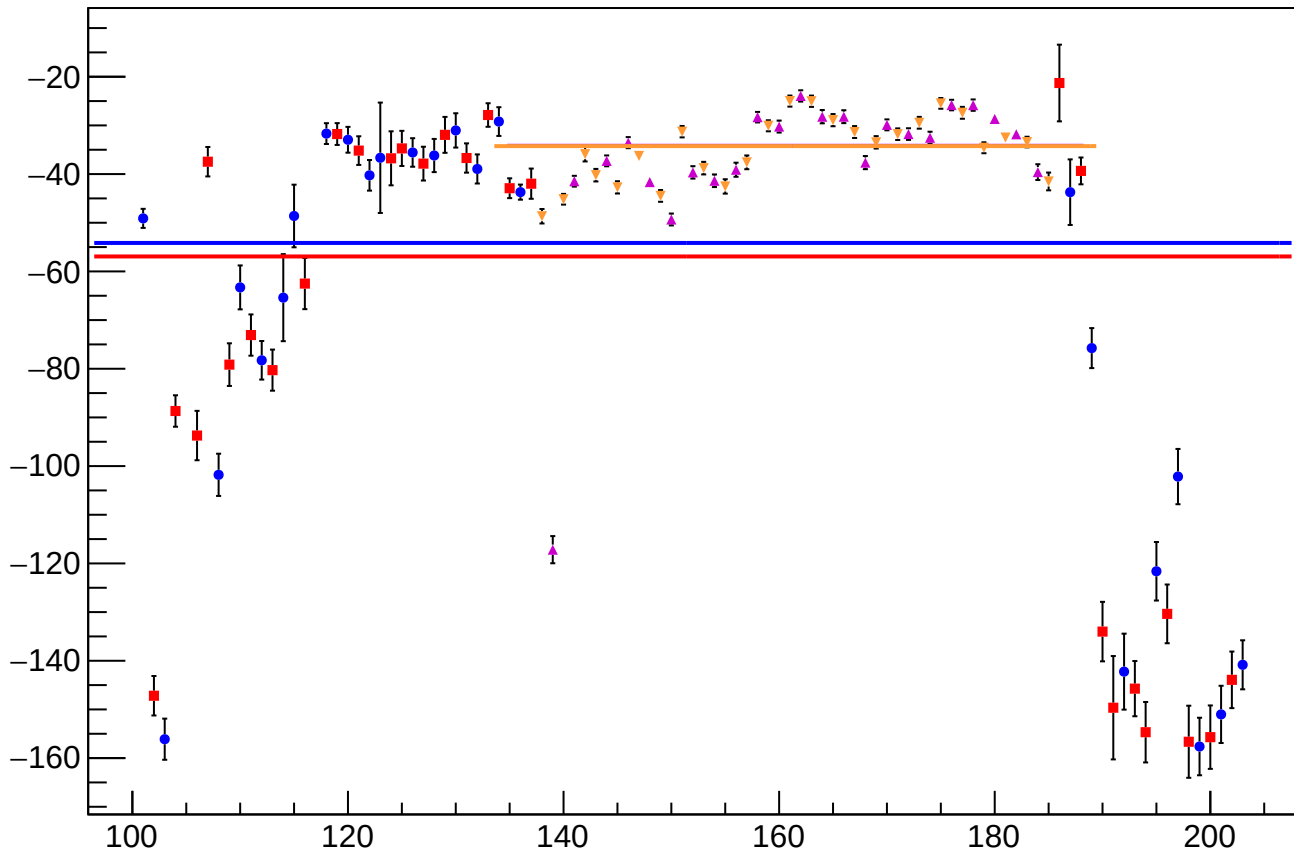
Left In: -31.647 ± 0.308 χ^2/NDF : 546.9/22

+ sign -33.174 ± 0.296 χ^2/NDF : 591.2/32

All: -32.362 ± 0.211 χ^2/NDF : 1380.4/65

- sign -31.526 ± 0.300 χ^2/NDF : 774.0/32

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: -56.927 ± 0.698 $\chi^2/\text{NDF}: 2897.5/27$

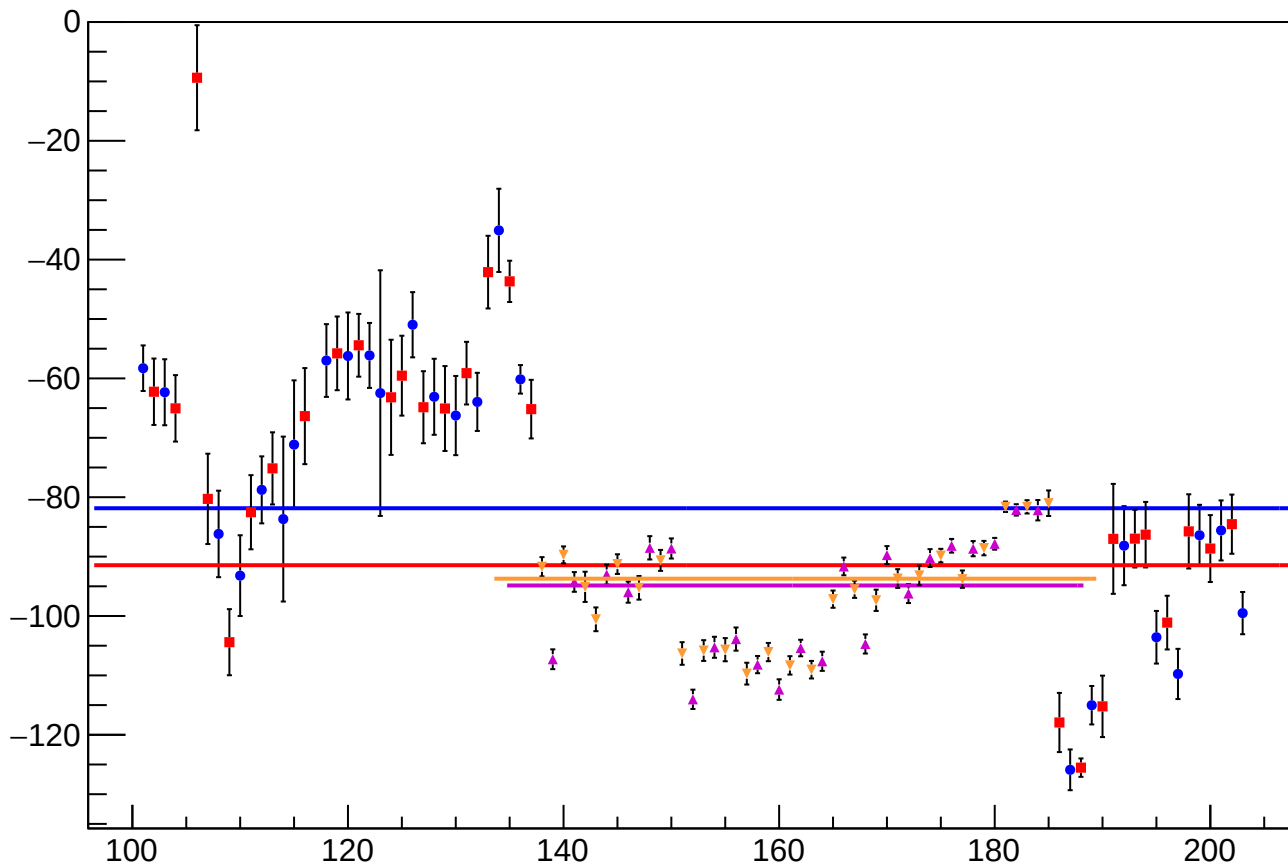
Left In: -34.189 ± 0.250 $\chi^2/\text{NDF}: 1546.1/22$

+ sign -36.499 ± 0.228 $\chi^2/\text{NDF}: 3885.0/49$

All: -36.632 ± 0.164 $\chi^2/\text{NDF}: 9268.7/100$

- sign -36.775 ± 0.236 $\chi^2/\text{NDF}: 5383.0/50$

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: -91.450 ± 0.895 χ^2/NDF : 1170.0/27

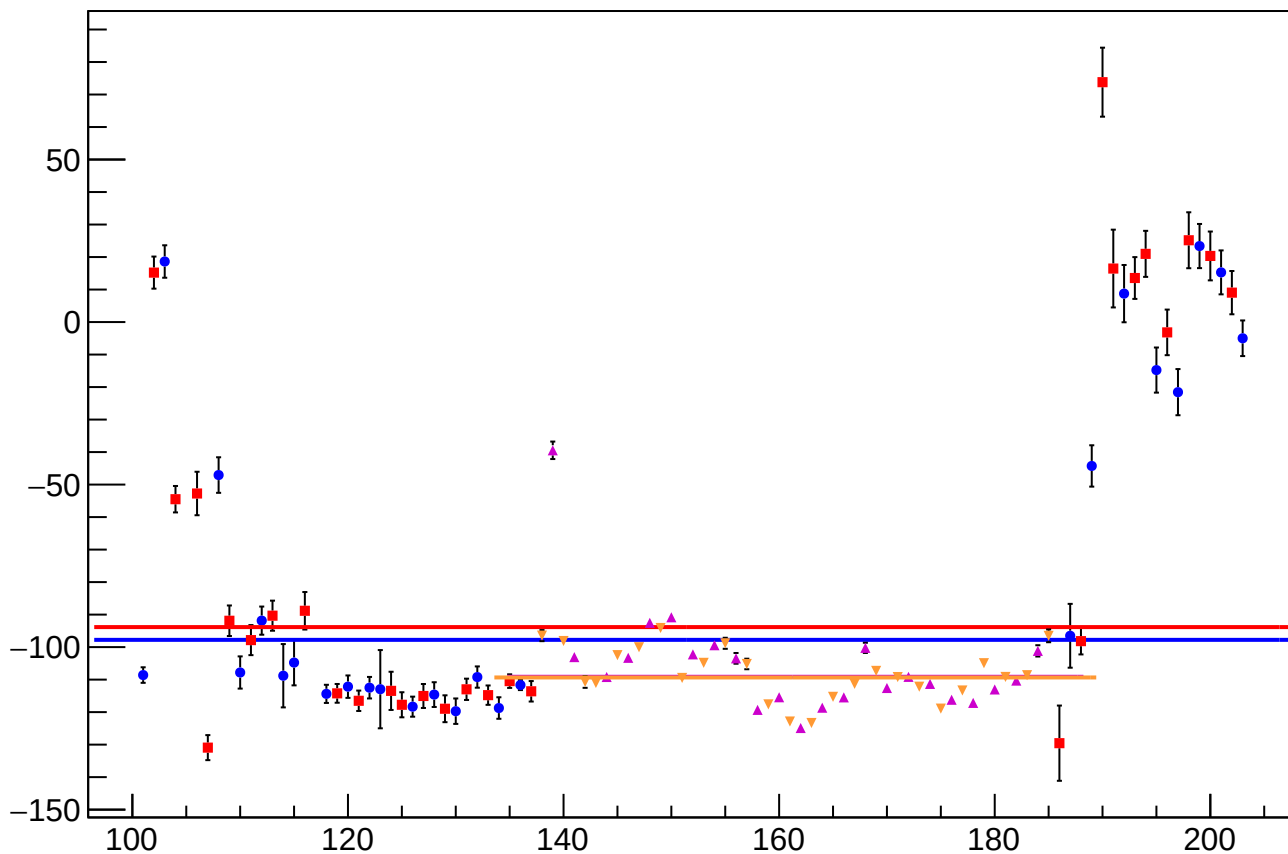
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.682 ± 0.289 χ^2/NDF : 1668.4/49

All: -93.585 ± 0.205 χ^2/NDF : 3856.6/100

- sign -94.501 ± 0.291 χ^2/NDF : 2168.5/50

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: -93.841 ± 0.804 χ^2/NDF : 2837.8/27

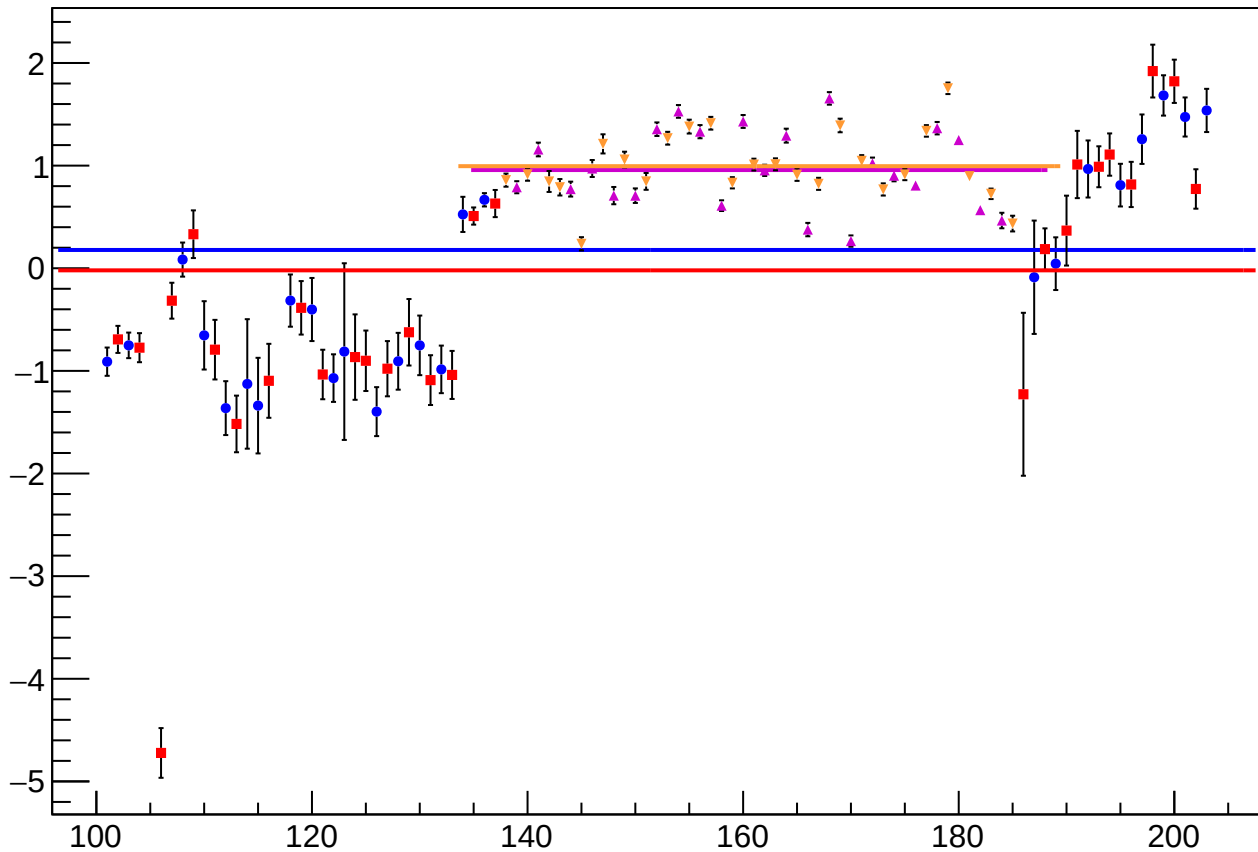
Left In: -109.126 ± 0.279 χ^2/NDF : 1578.7/22

+ sign -108.057 ± 0.256 χ^2/NDF : 3345.8/49

All: -107.777 ± 0.184 χ^2/NDF : 8087.5/100

- sign -107.482 ± 0.264 χ^2/NDF : 4739.2/50

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: -0.020 ± 0.038 χ^2/NDF : 868.3/27

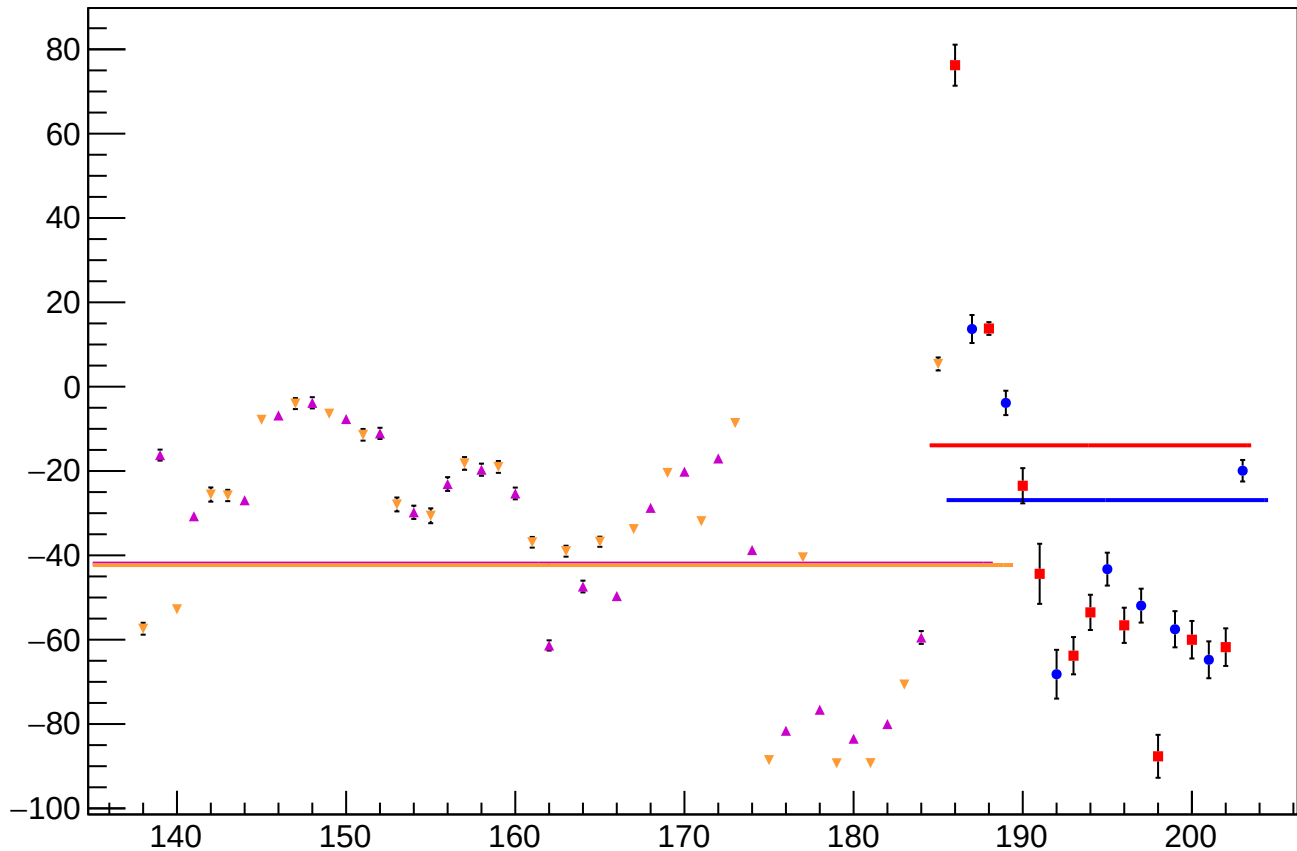
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.914 ± 0.012 χ^2/NDF : 1613.3/49

All: 0.887 ± 0.008 χ^2/NDF : 3985.4/100

- sign 0.860 ± 0.012 χ^2/NDF : 2361.9/50

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -26.901 $\pm$ 1.262 χ^2/NDF : 453.5/7

Left Out: -42.295 $\pm$ 0.222 χ^2/NDF : 18267.5/24

Right Out: -13.912 $\pm$ 1.076 χ^2/NDF : 1457.8/9

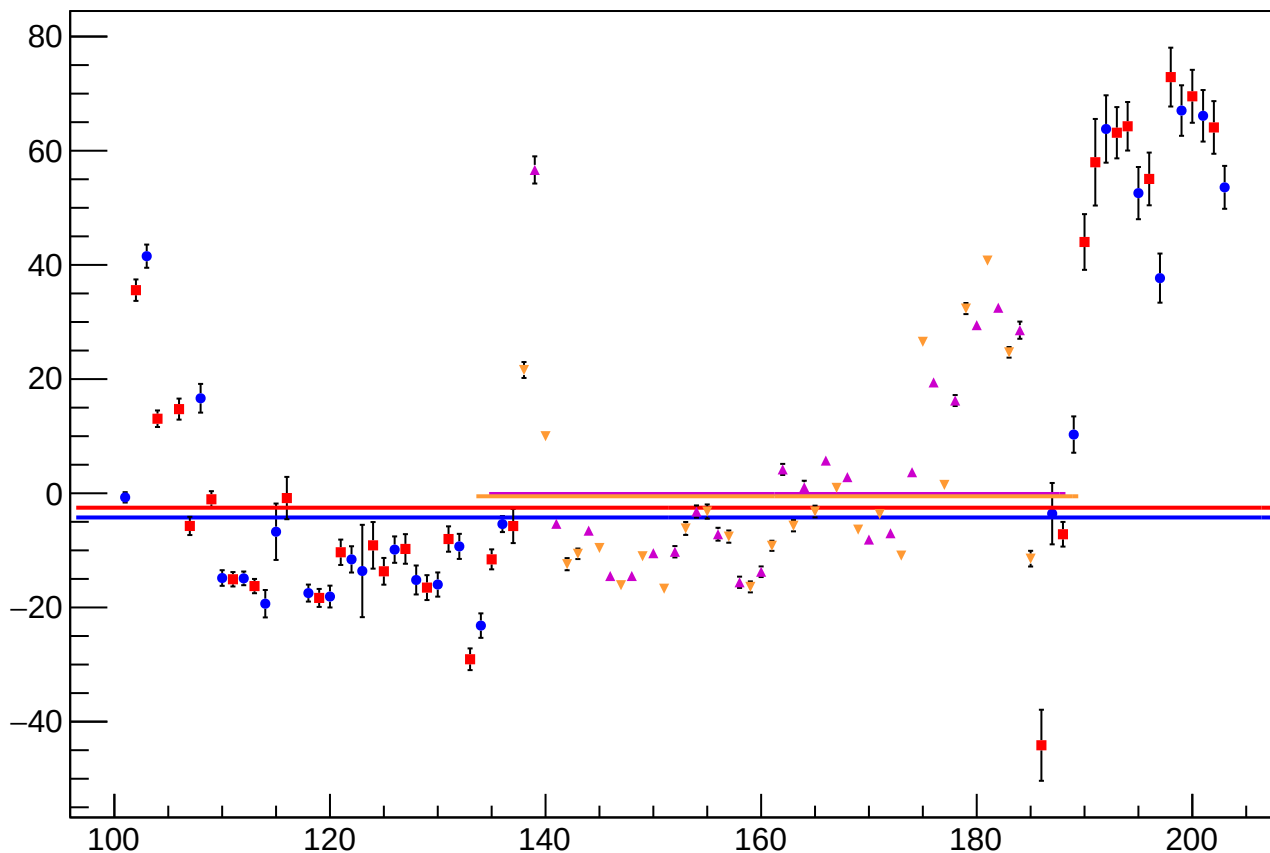
Left In: -41.955 $\pm$ 0.226 χ^2/NDF : 14723.4/22

+ sign -41.831 $\pm$ 0.219 χ^2/NDF : 18865.4/32

All: -41.306 $\pm$ 0.156 χ^2/NDF : 35709.2/65

- sign -40.770 $\pm$ 0.221 χ^2/NDF : 16832.2/32

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: -2.525 ± 0.409 χ^2/NDF : 2740.0/27

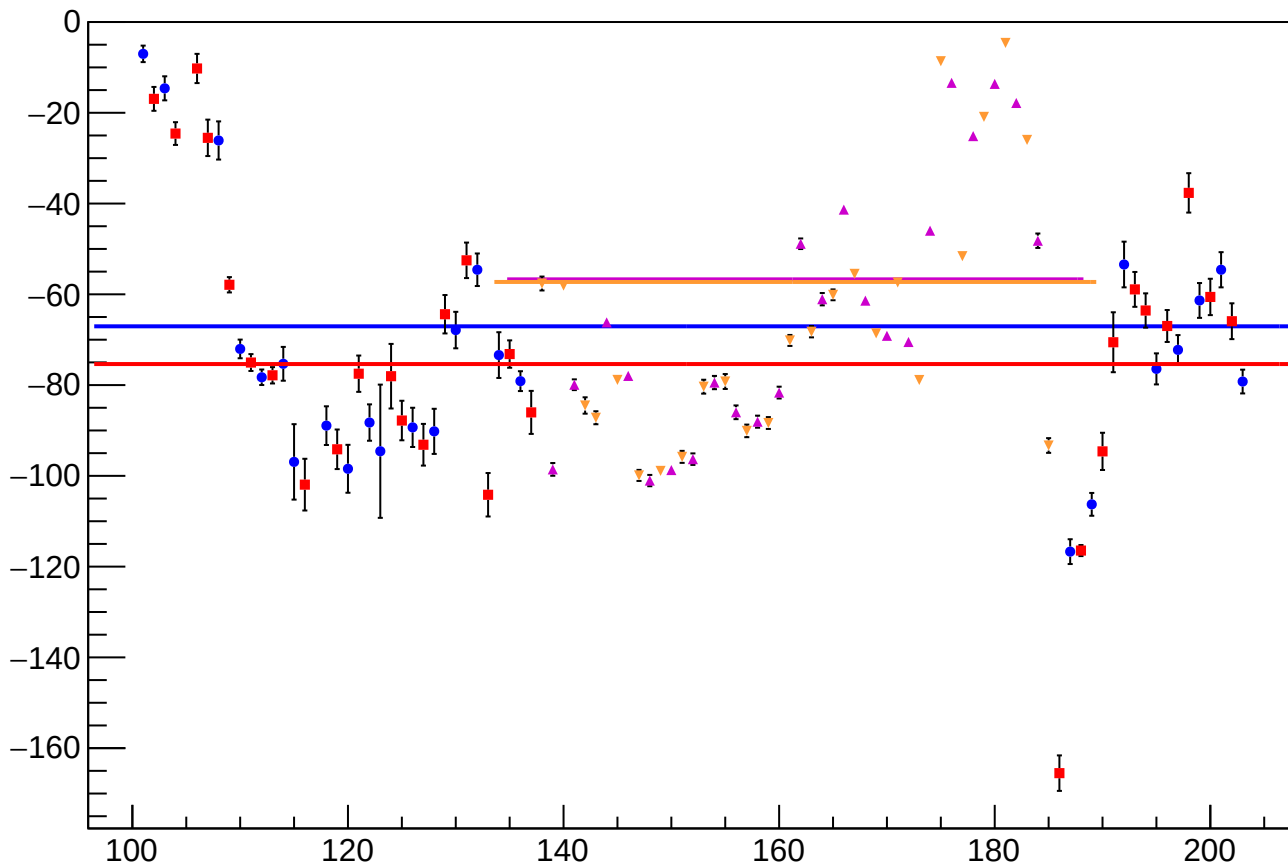
Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

+ sign -1.094 ± 0.161 χ^2/NDF : 10971.8/49

All: -0.807 ± 0.115 χ^2/NDF : 20672.3/100

- sign -0.510 ± 0.164 χ^2/NDF : 9694.0/50

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -67.051 $\pm$ 0.620 χ^2/NDF : 2456.6/24

Left Out: -57.276 $\pm$ 0.224 χ^2/NDF : 18511.1/24

Right Out: -75.366 $\pm$ 0.558 χ^2/NDF : 3544.3/27

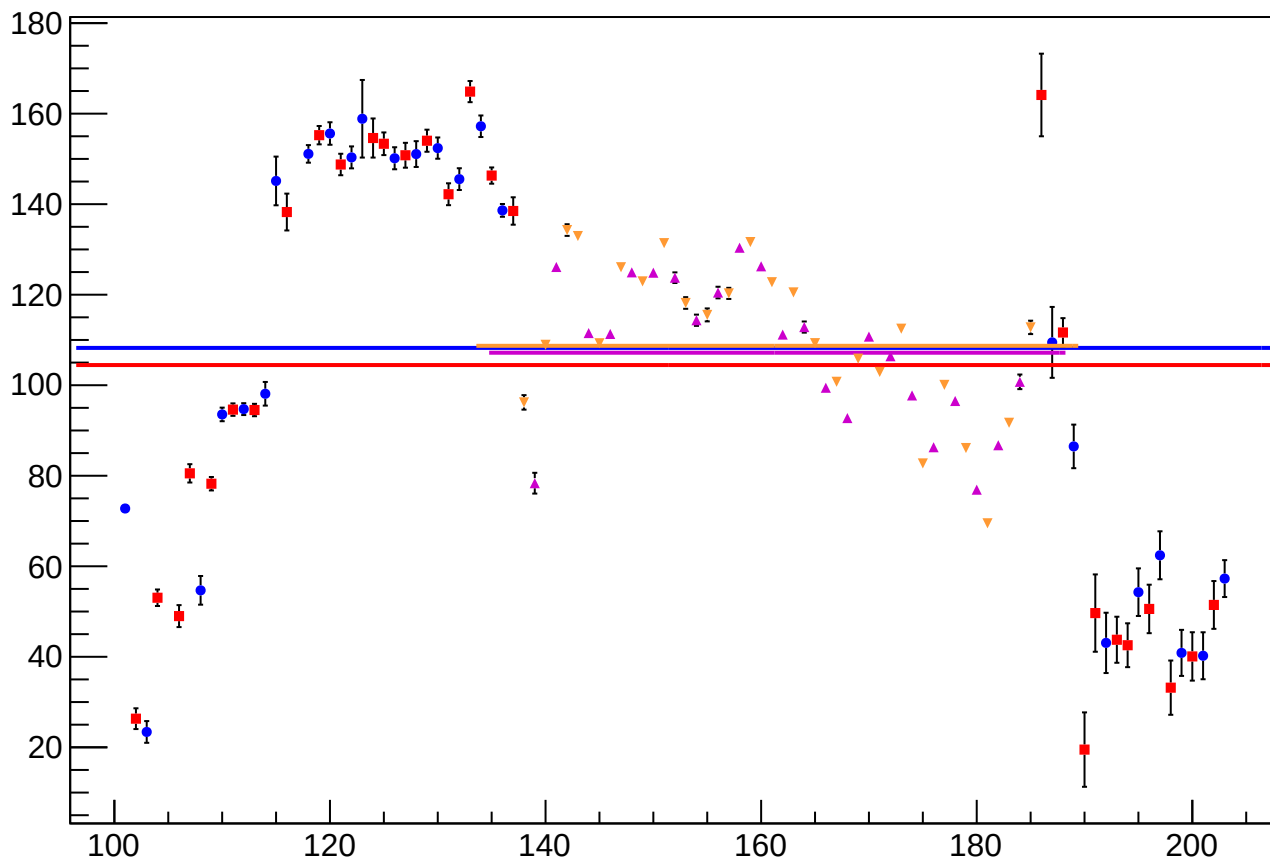
Left In: -56.705 $\pm$ 0.226 χ^2/NDF : 16547.5/22

+ sign -58.400 $\pm$ 0.210 χ^2/NDF : 21187.6/49

All: -58.871 $\pm$ 0.148 χ^2/NDF : 42251.3/100

- sign -59.339 $\pm$ 0.209 χ^2/NDF : 21053.7/50

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 108.245 $\pm$ 0.471 χ^2 /NDF: 6806.9/24

Left Out: 108.709 $\pm$ 0.198 χ^2 /NDF: 7297.0/24

Right Out: 104.456 $\pm$ 0.469 χ^2 /NDF: 7862.8/27

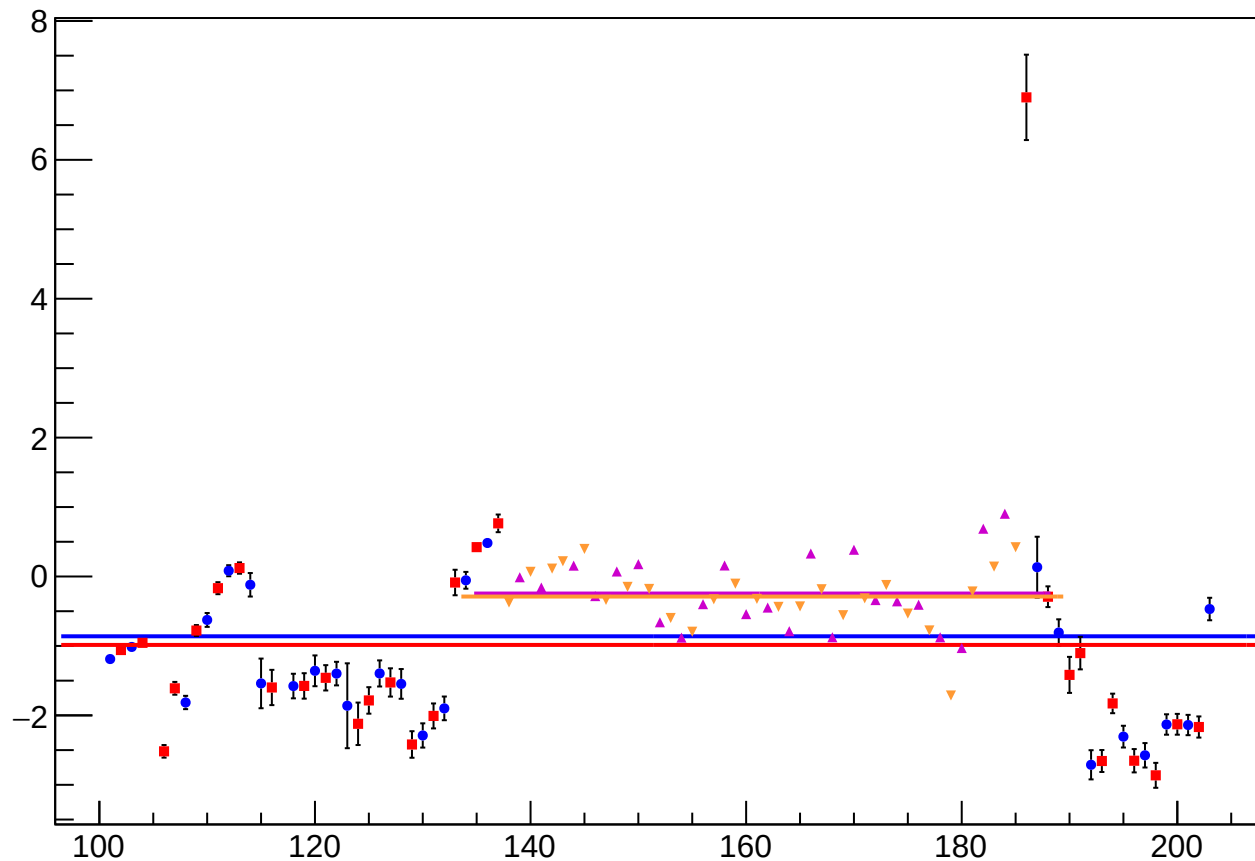
Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

+ sign 108.639 $\pm$ 0.182 χ^2 /NDF: 14104.7/49

All: 107.713 $\pm$ 0.130 χ^2 /NDF: 27640.8/100

- sign 106.755 $\pm$ 0.185 χ^2 /NDF: 13483.6/50

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: -0.985 ± 0.022 χ^2/NDF : 2022.0/27

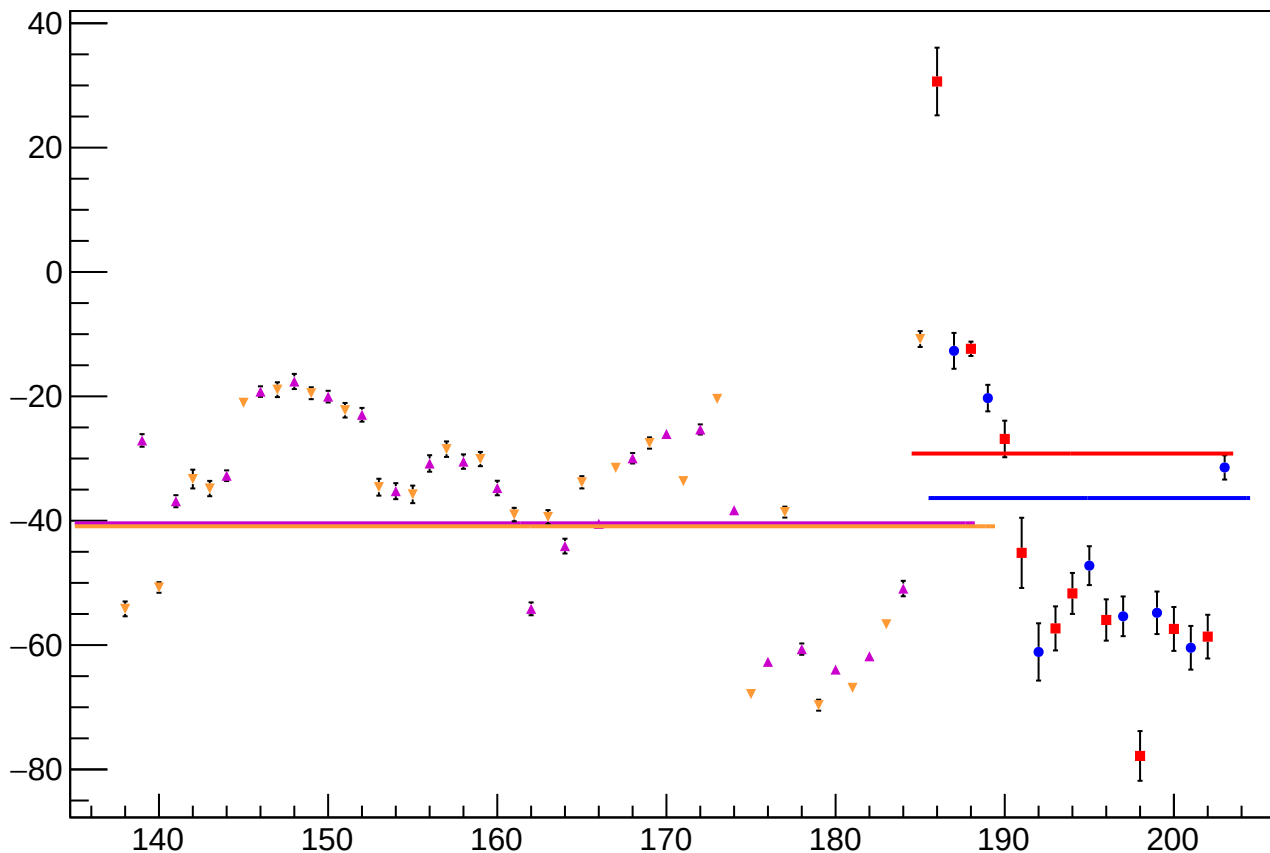
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.362 ± 0.008 χ^2/NDF : 3999.3/49

All: -0.357 ± 0.006 χ^2/NDF : 9759.8/100

- sign -0.353 ± 0.009 χ^2/NDF : 5759.9/50

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: -29.198+/-0.840 χ^2/NDF : 798.7/9

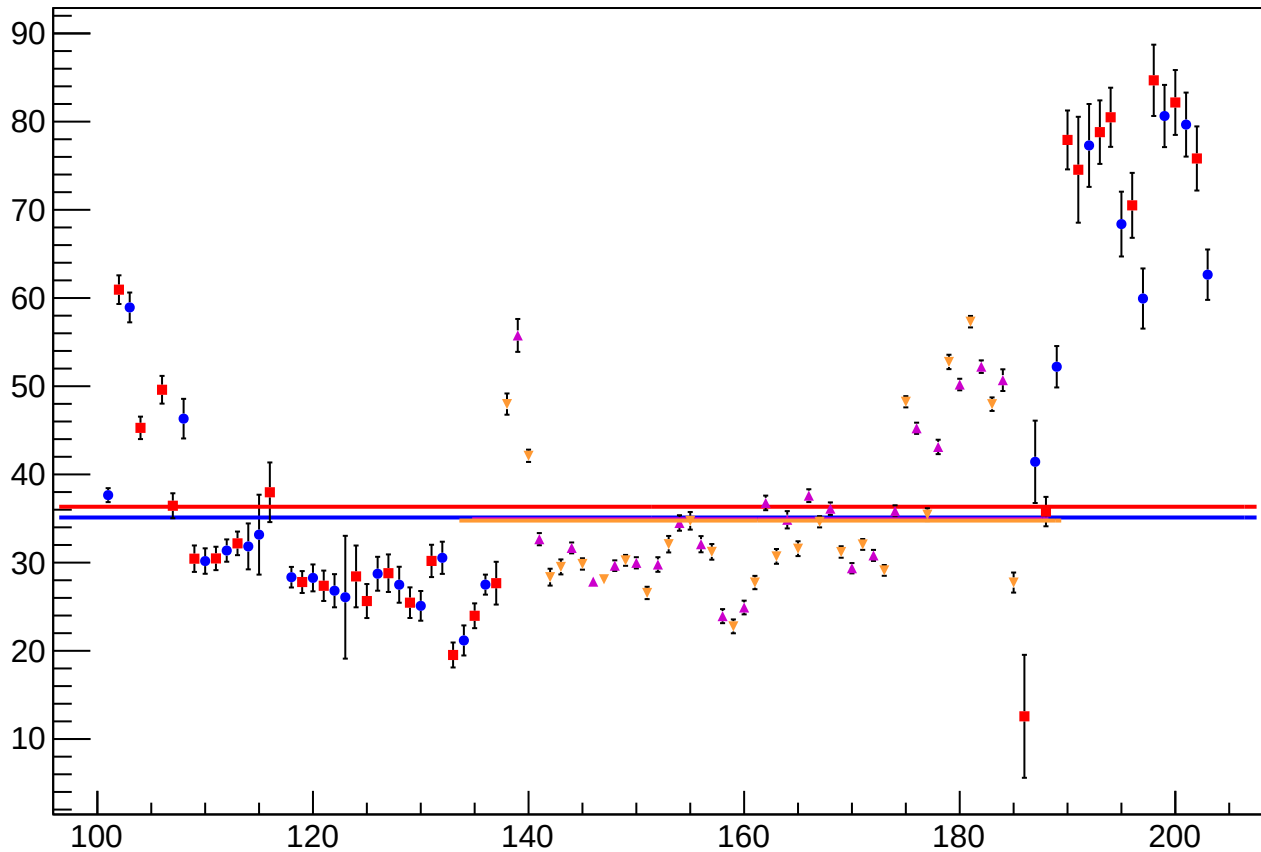
Left In: -40.422+/-0.189 χ^2/NDF : 7030.2/22

+ sign -40.742+/-0.183 χ^2/NDF : 9418.1/32

All: -40.314+/-0.130 χ^2/NDF : 17427.7/65

- sign -39.882+/-0.184 χ^2/NDF : 7998.7/32

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: 36.335 $\pm$ 0.356 χ^2 /NDF: 1821.5/27

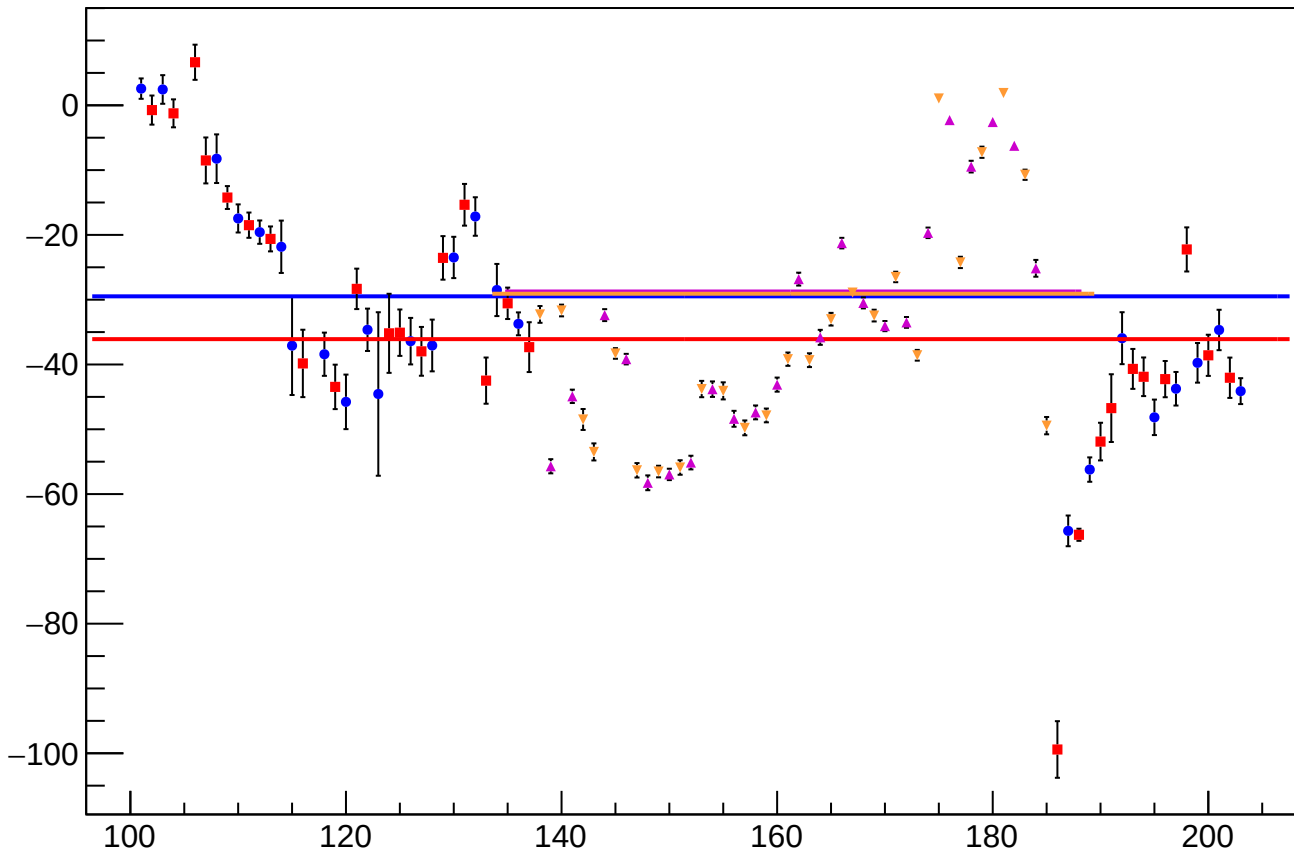
Left In: 34.928 $\pm$ 0.151 χ^2 /NDF: 2688.4/22

+ sign 34.819 $\pm$ 0.136 χ^2 /NDF: 4868.2/49

All: 34.978 $\pm$ 0.097 χ^2 /NDF: 9394.1/100

- sign 35.142 $\pm$ 0.139 χ^2 /NDF: 4523.1/50

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -29.481 ± 0.533 χ^2/NDF : 1363.2/24

Left Out: -29.080 ± 0.187 χ^2/NDF : 10059.5/24

Right Out: -36.088 ± 0.478 χ^2/NDF : 2512.1/27

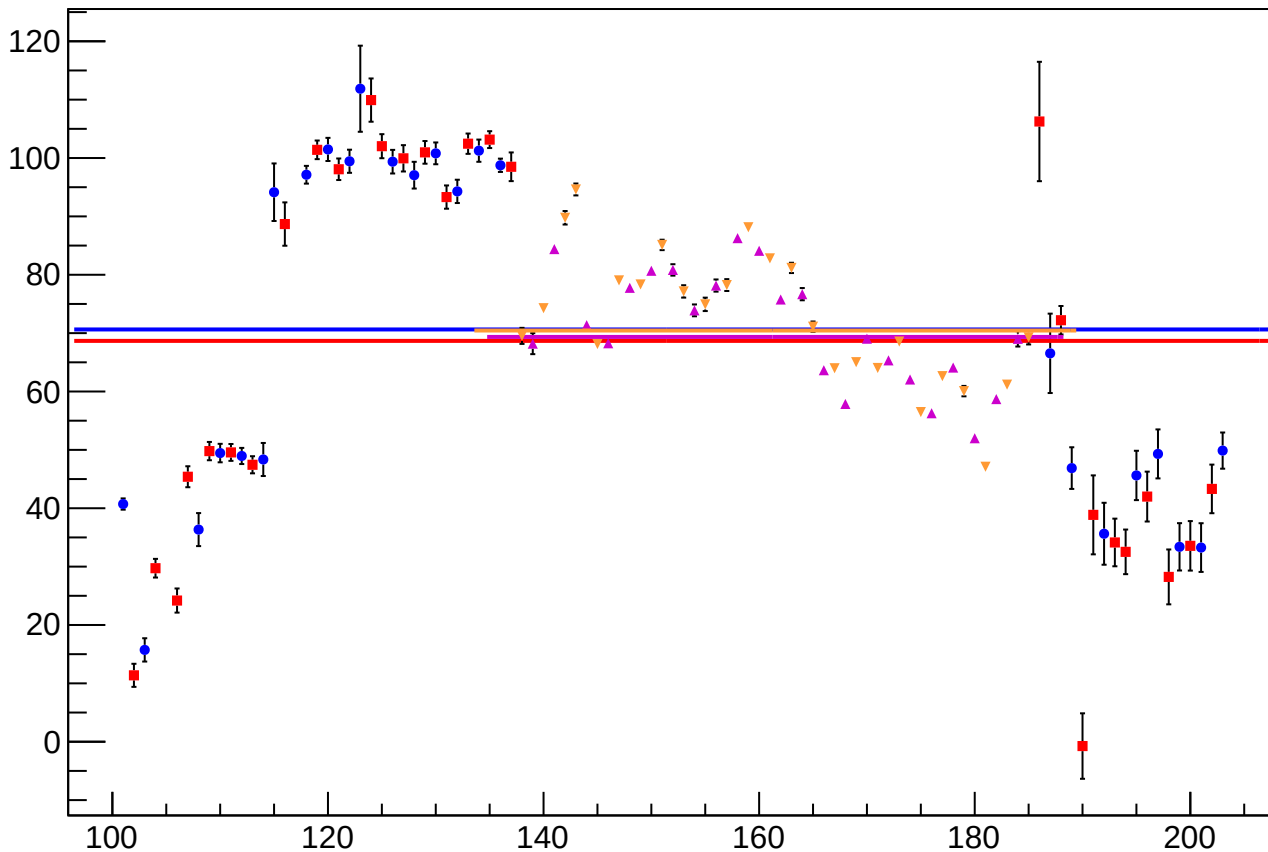
Left In: -28.735 ± 0.189 χ^2/NDF : 9155.5/22

+ sign -29.124 ± 0.177 χ^2/NDF : 11423.2/49

All: -29.428 ± 0.125 χ^2/NDF : 23301.1/100

- sign -29.727 ± 0.176 χ^2/NDF : 11872.0/50

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 70.631 $\pm$ 0.409 χ^2 /NDF: 5124.2/24

Left Out: 70.450 $\pm$ 0.167 χ^2 /NDF: 4484.7/24

Right Out: 68.672 $\pm$ 0.413 χ^2 /NDF: 5969.8/27

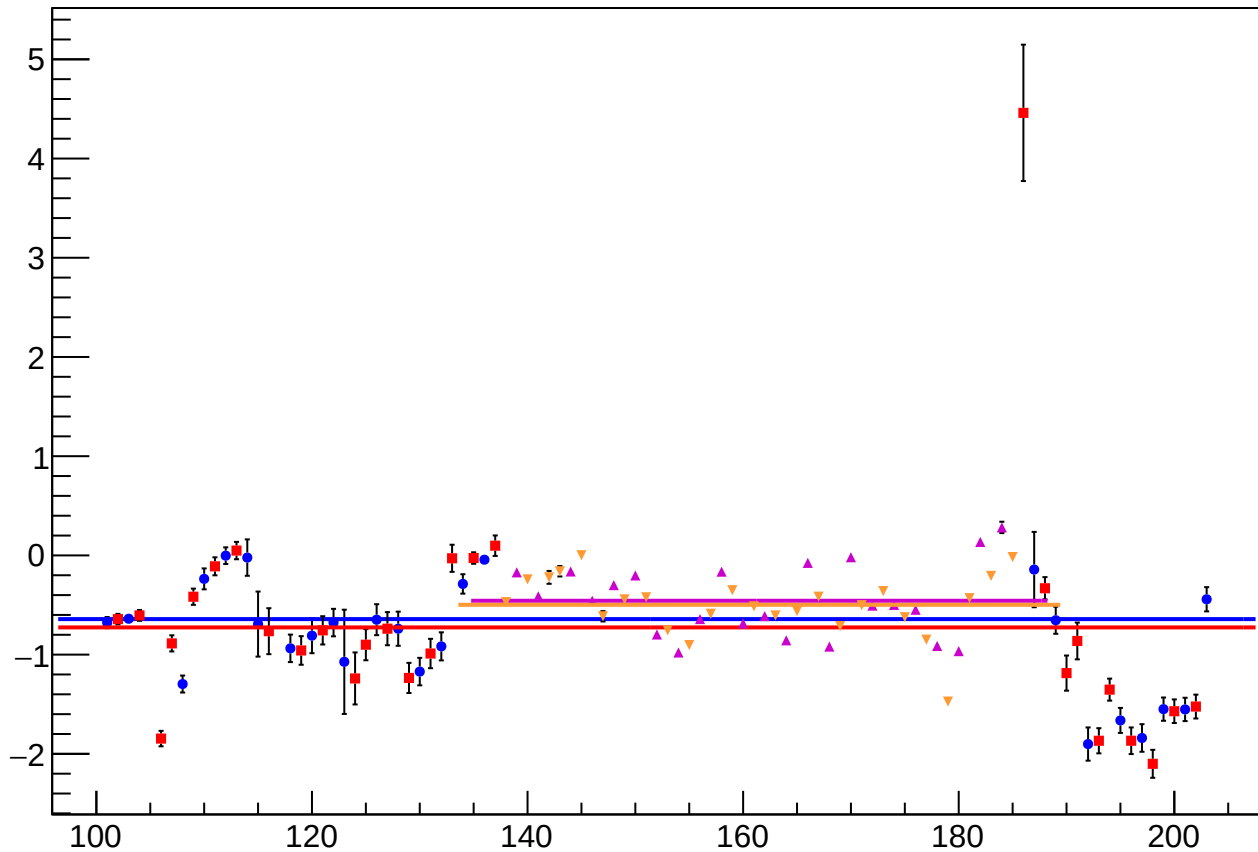
Left In: 69.350 $\pm$ 0.170 χ^2 /NDF: 3330.7/22

+ sign 70.475 $\pm$ 0.154 χ^2 /NDF: 9609.0/49

All: 69.874 $\pm$ 0.110 χ^2 /NDF: 18942.7/100

- sign 69.252 $\pm$ 0.157 χ^2 /NDF: 9302.8/50

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: -0.726 ± 0.019 χ^2/NDF : 1067.5/27

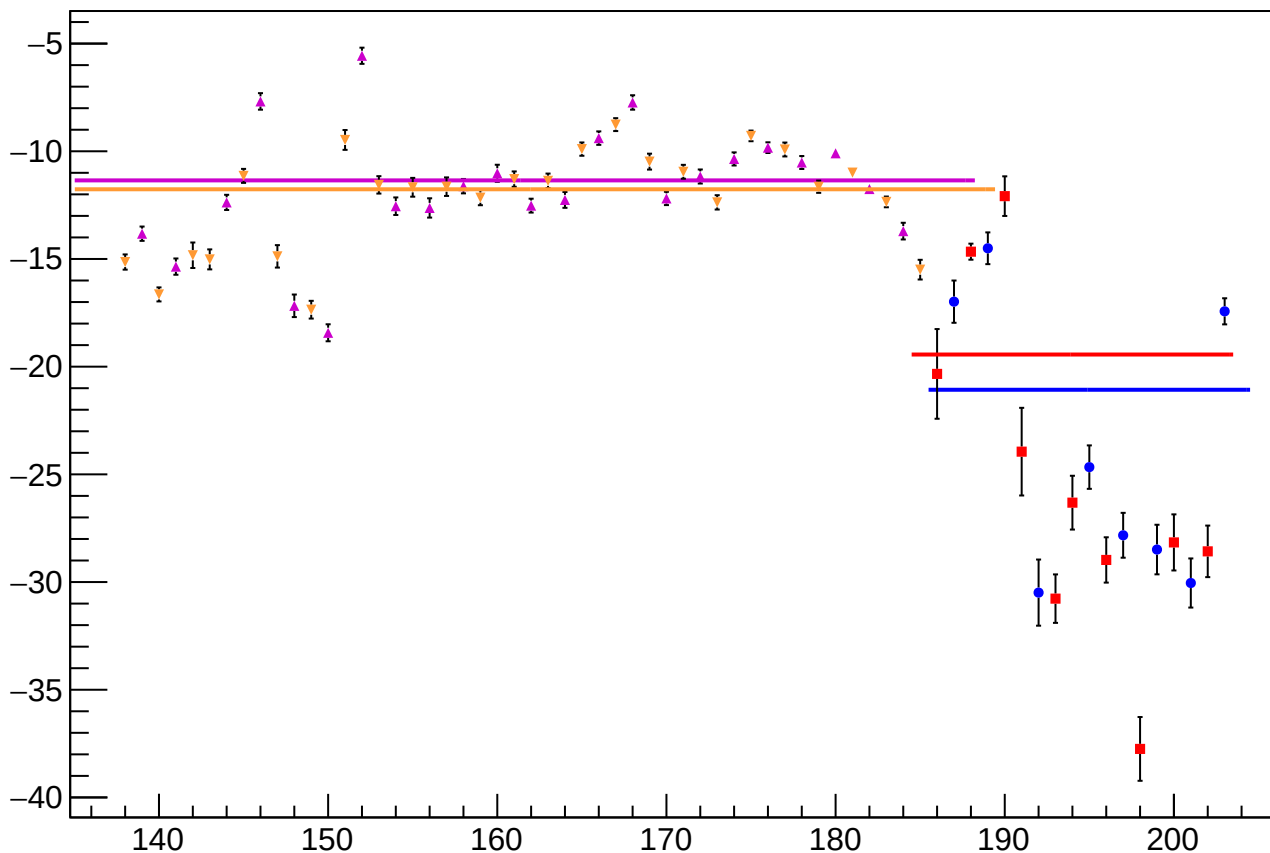
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.516 ± 0.007 χ^2/NDF : 2150.3/49

All: -0.505 ± 0.005 χ^2/NDF : 5365.0/100

- sign -0.494 ± 0.007 χ^2/NDF : 3210.0/50

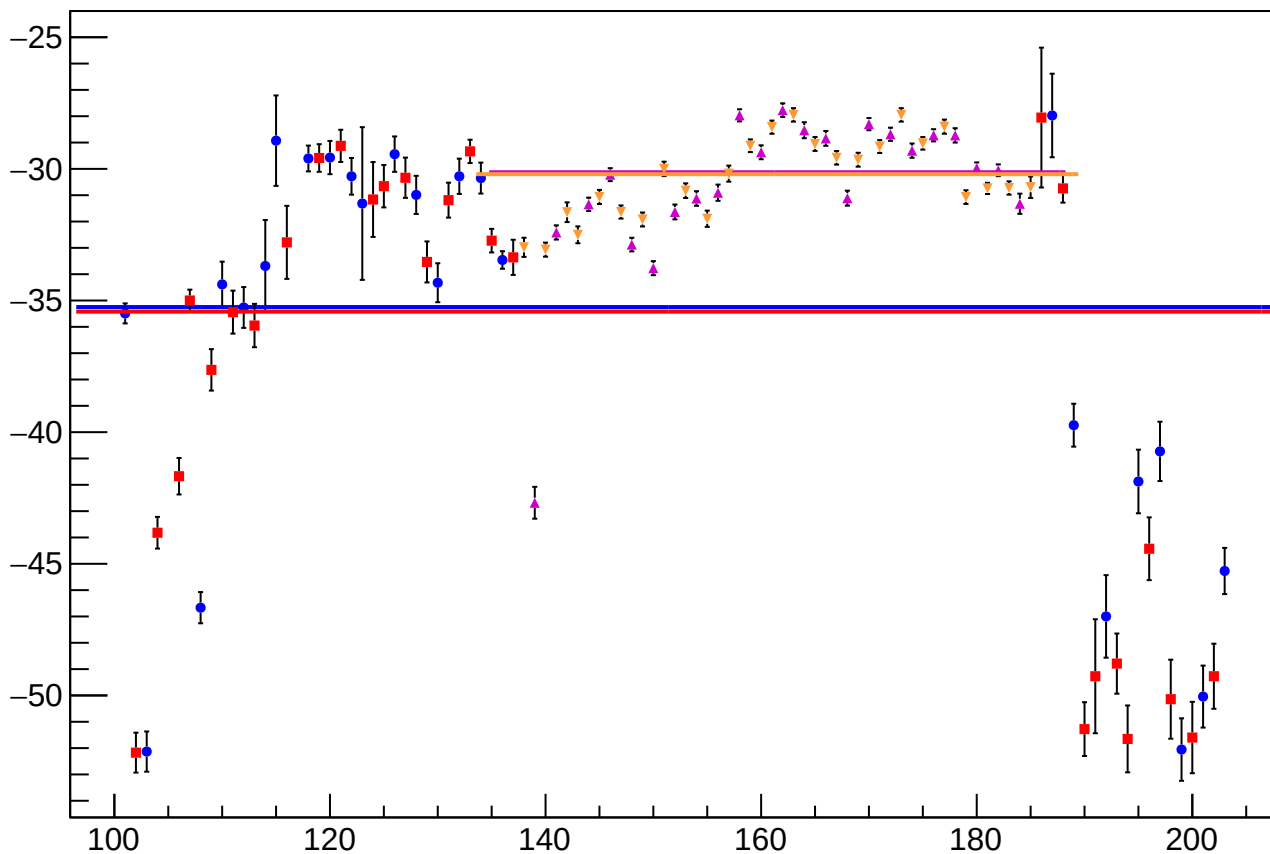
reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -21.072 ± 0.325 $\chi^2/\text{NDF}: 328.7/7$
 Left Out: -11.764 ± 0.067 $\chi^2/\text{NDF}: 1025.9/24$
 Right Out: -19.436 ± 0.278 $\chi^2/\text{NDF}: 703.7/9$
 Left In: -11.352 ± 0.068 $\chi^2/\text{NDF}: 1280.6/22$

+ sign -12.141 ± 0.065 $\chi^2/\text{NDF}: 2140.7/32$
 All: -11.974 ± 0.046 $\chi^2/\text{NDF}: 4937.2/65$
 - sign -11.805 ± 0.066 $\chi^2/\text{NDF}: 2783.4/32$

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -35.248 ± 0.141 χ^2/NDF : 2055.3/24

Left Out: -30.201 ± 0.054 χ^2/NDF : 725.7/24

Right Out: -35.422 ± 0.138 χ^2/NDF : 2460.7/27

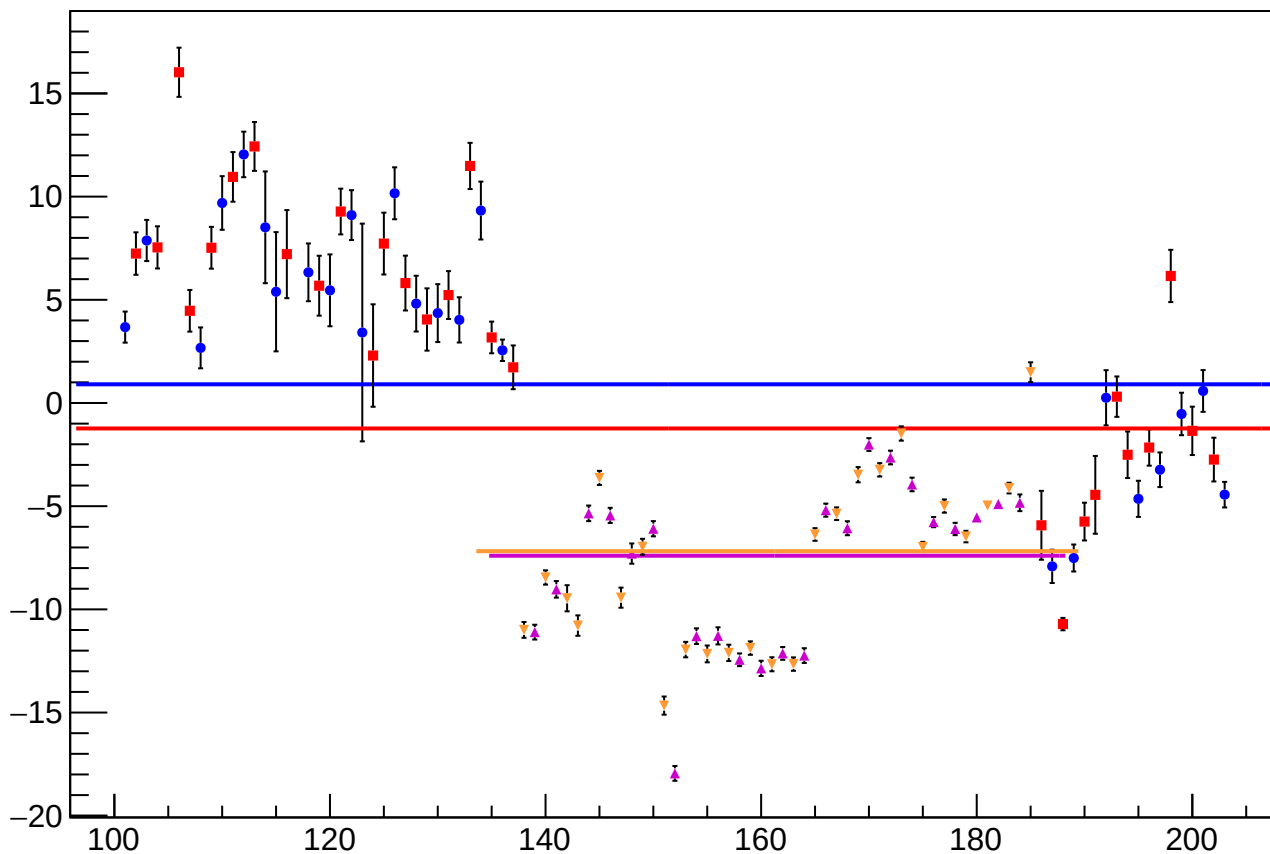
Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

+ sign -30.849 ± 0.050 χ^2/NDF : 3903.7/49

All: -30.854 ± 0.036 χ^2/NDF : 8918.7/100

- sign -30.860 ± 0.051 χ^2/NDF : 5015.0/50

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: -1.234 ± 0.178 χ^2/NDF : 2174.3/27

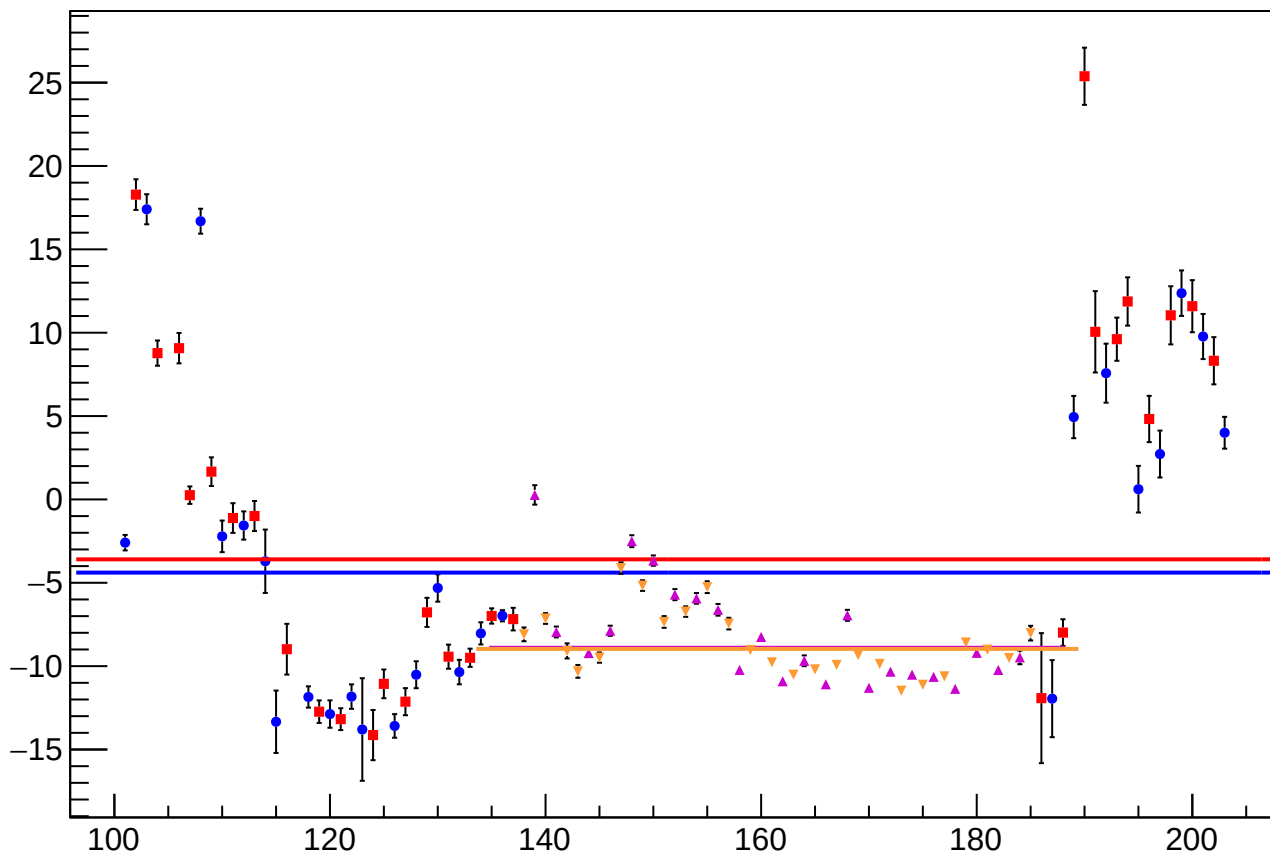
Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

+ sign -6.352 ± 0.063 χ^2/NDF : 5350.0/49

All: -6.489 ± 0.045 χ^2/NDF : 11715.9/100

- sign -6.625 ± 0.063 χ^2/NDF : 6356.6/50

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: -3.593 ± 0.161 $\chi^2/\text{NDF}: 2898.7/27$

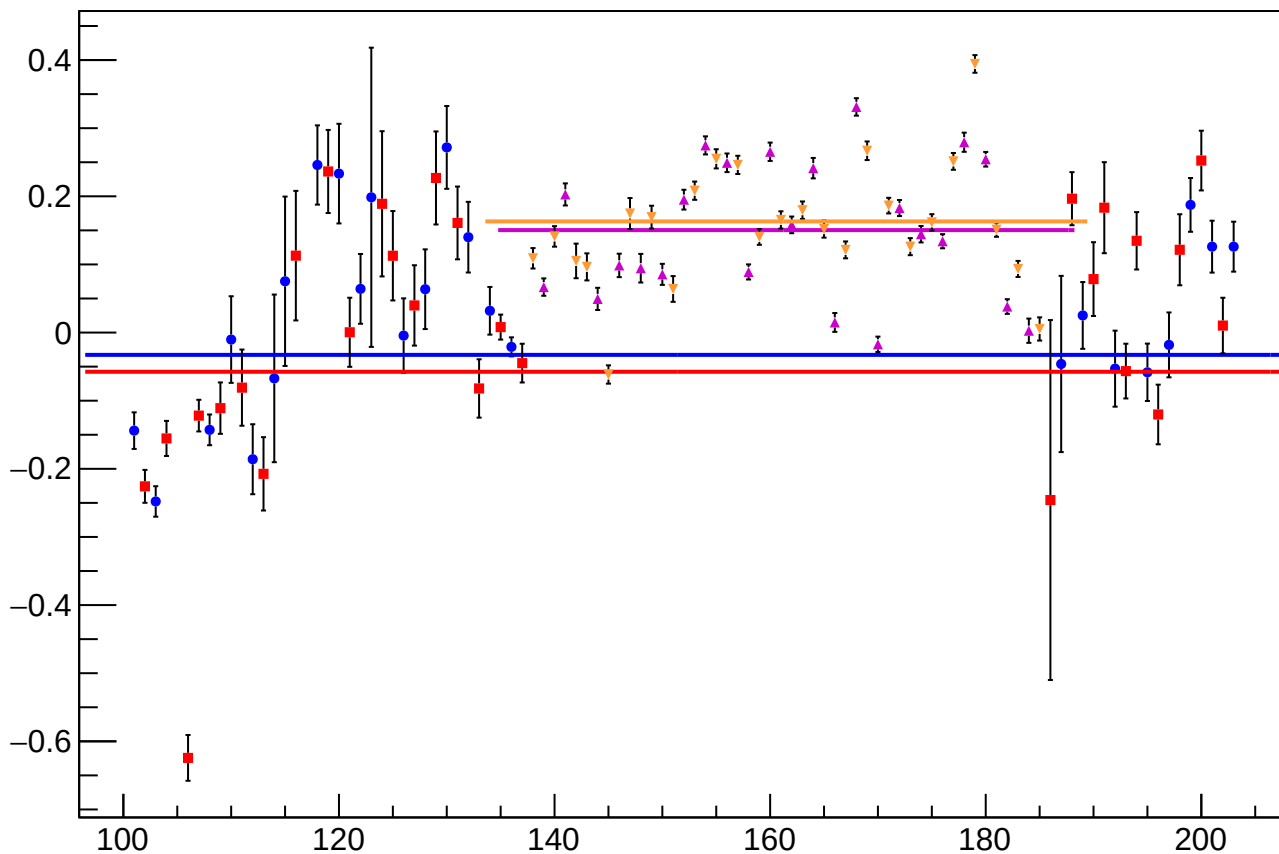
Left In: -8.898 ± 0.061 $\chi^2/\text{NDF}: 1584.0/22$

+ sign -8.398 ± 0.056 $\chi^2/\text{NDF}: 4250.2/49$

All: -8.313 ± 0.040 $\chi^2/\text{NDF}: 9680.5/100$

- sign -8.226 ± 0.057 $\chi^2/\text{NDF}: 5425.7/50$

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: -0.058 ± 0.007 χ^2/NDF : 604.6/27

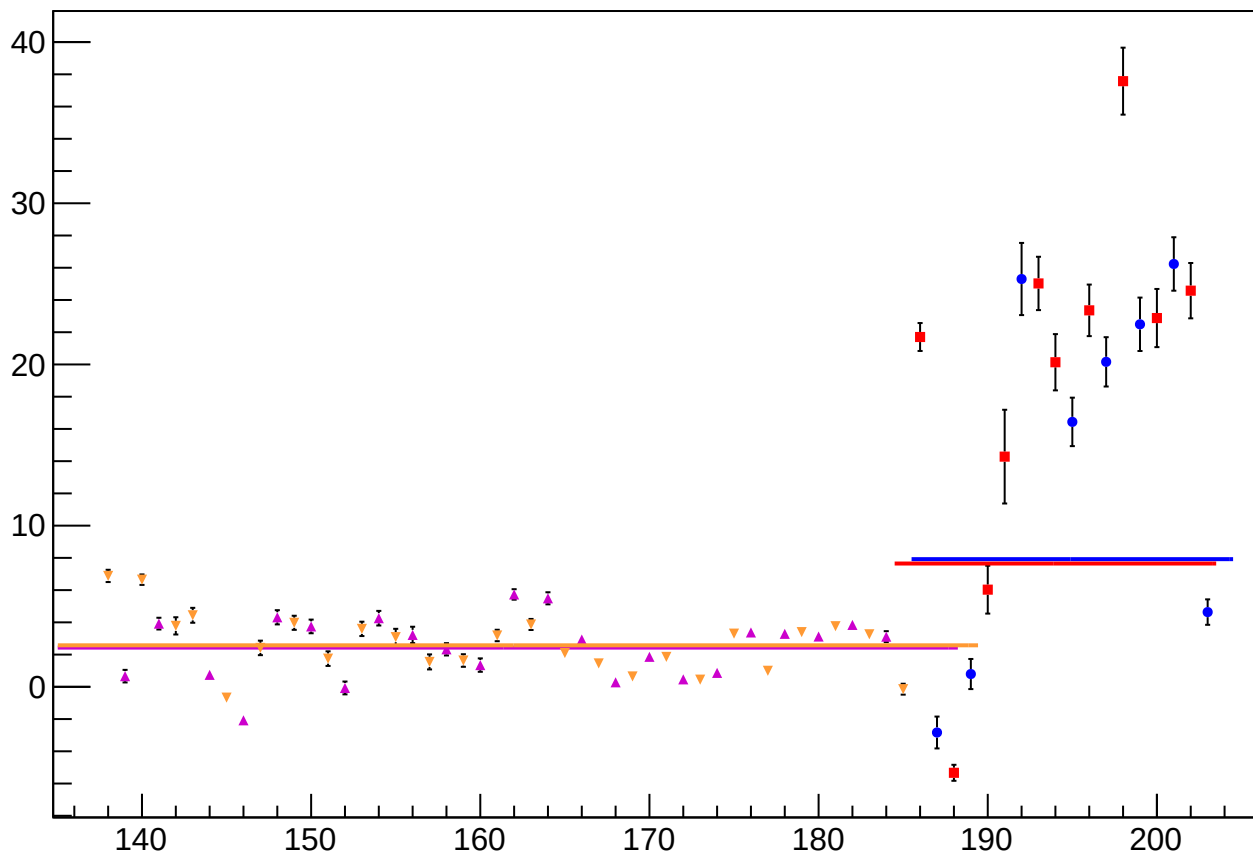
Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

+ sign 0.140 ± 0.003 χ^2/NDF : 1919.7/49

All: 0.132 ± 0.002 χ^2/NDF : 4538.0/100

- sign 0.125 ± 0.003 χ^2/NDF : 2601.4/50

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: 7.650 ± 0.355 χ^2/NDF : 1587.6/9

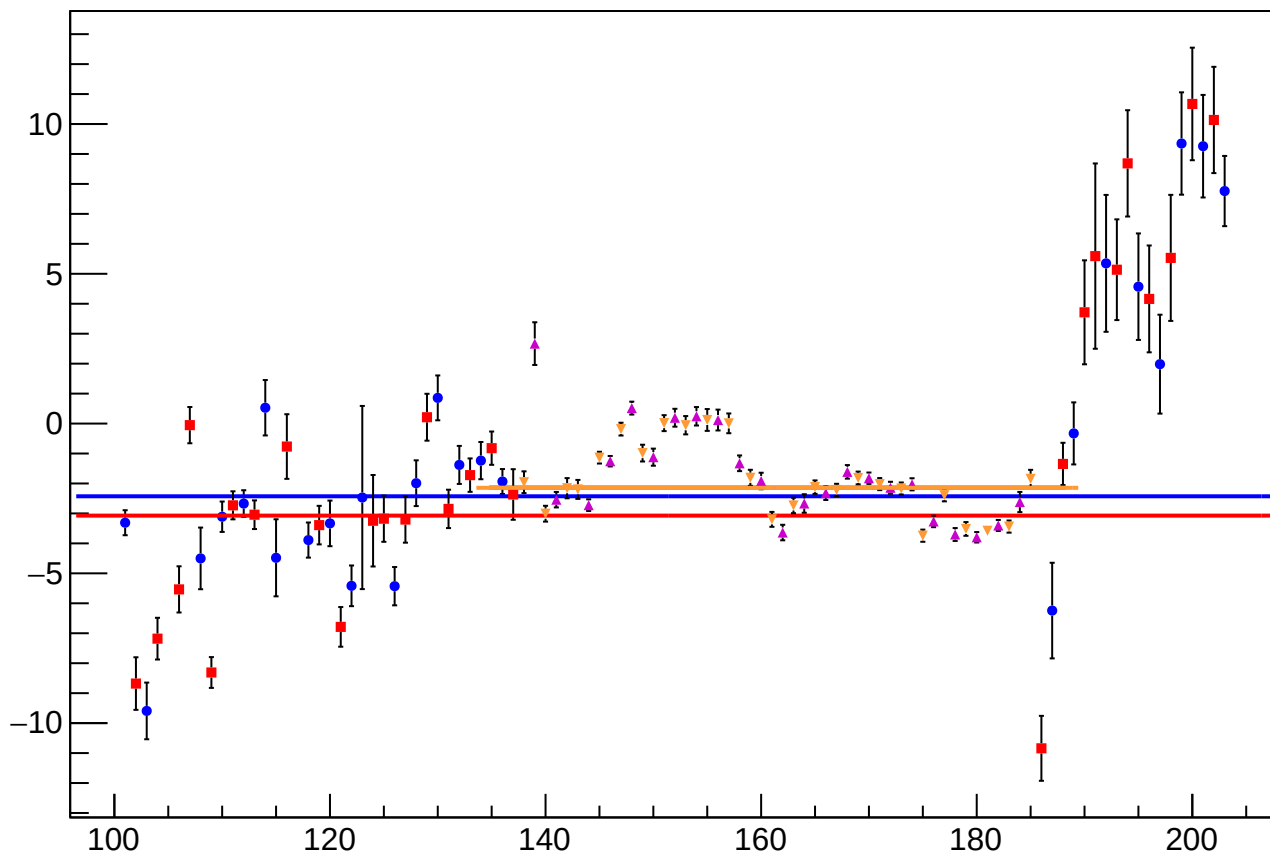
Left In: 2.433 ± 0.059 χ^2/NDF : 882.9/22

+ sign 2.675 ± 0.058 χ^2/NDF : 1573.8/32

All: 2.625 ± 0.041 χ^2/NDF : 4255.7/65

- sign 2.574 ± 0.058 χ^2/NDF : 2680.4/32

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: -3.073 ± 0.146 $\chi^2/\text{NDF}: 582.5/27$

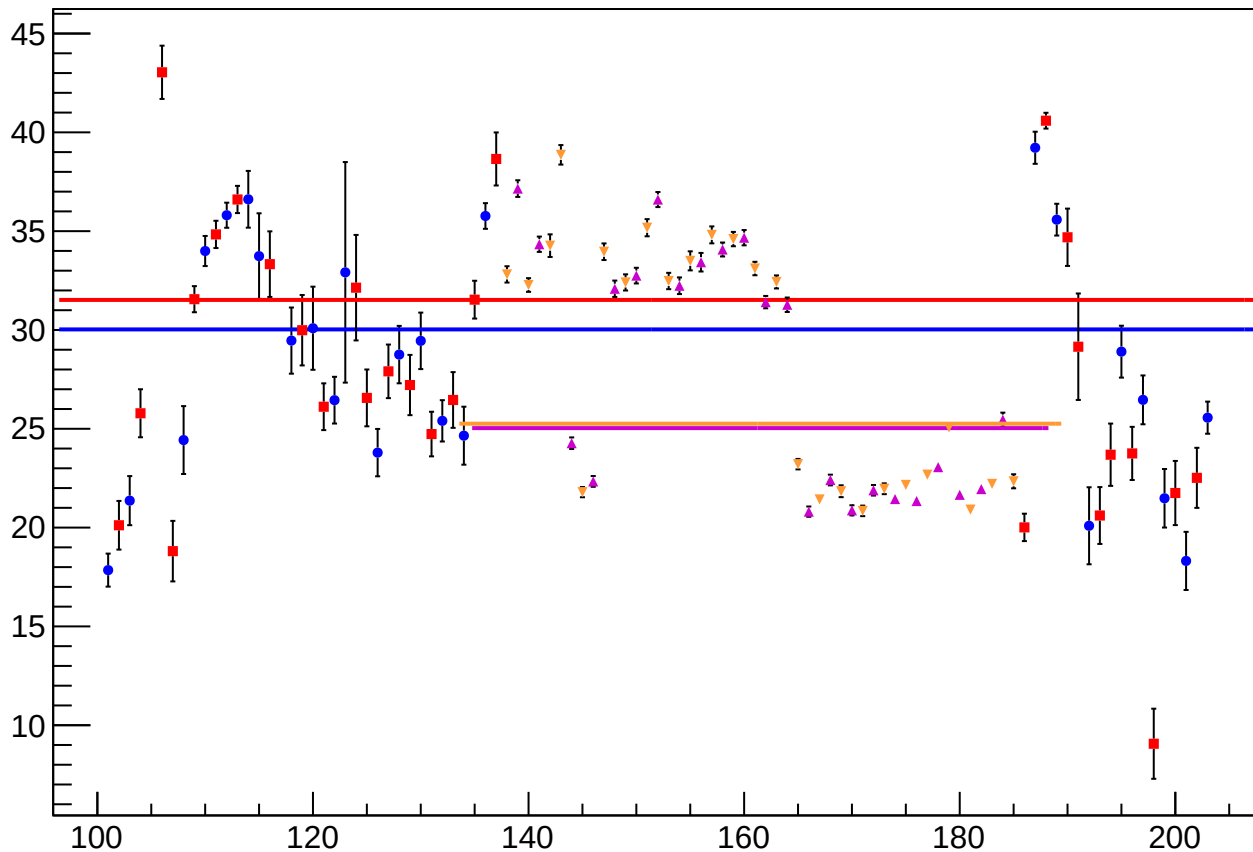
Left In: -2.137 ± 0.048 $\chi^2/\text{NDF}: 693.6/22$

+ sign -2.171 ± 0.045 $\chi^2/\text{NDF}: 946.8/49$

All: -2.200 ± 0.032 $\chi^2/\text{NDF}: 2260.7/100$

- sign -2.229 ± 0.046 $\chi^2/\text{NDF}: 1313.1/50$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 30.028+/-0.218 χ^2/NDF : 892.1/24

Left Out: 25.258+/-0.059 χ^2/NDF : 8135.5/24

Right Out: 31.521+/-0.195 χ^2/NDF : 1596.7/27

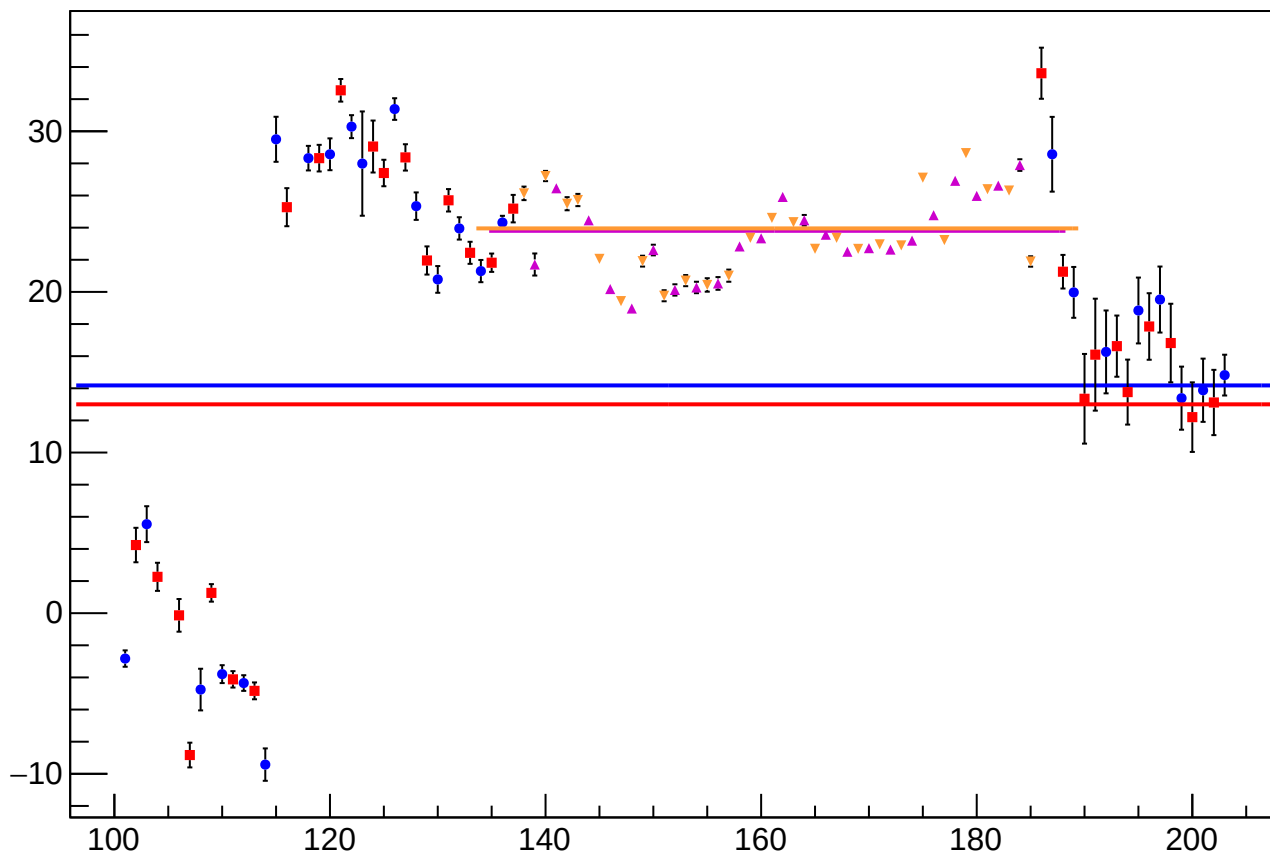
Left In: 25.034+/-0.059 χ^2/NDF : 7690.0/22

+ sign 25.583+/-0.057 χ^2/NDF : 9474.0/49

All: 25.583+/-0.040 χ^2/NDF : 19771.8/100

- sign 25.583+/-0.057 χ^2/NDF : 10297.8/50

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: 13.001 $\pm$ 0.167 χ^2 /NDF: 7216.1/27

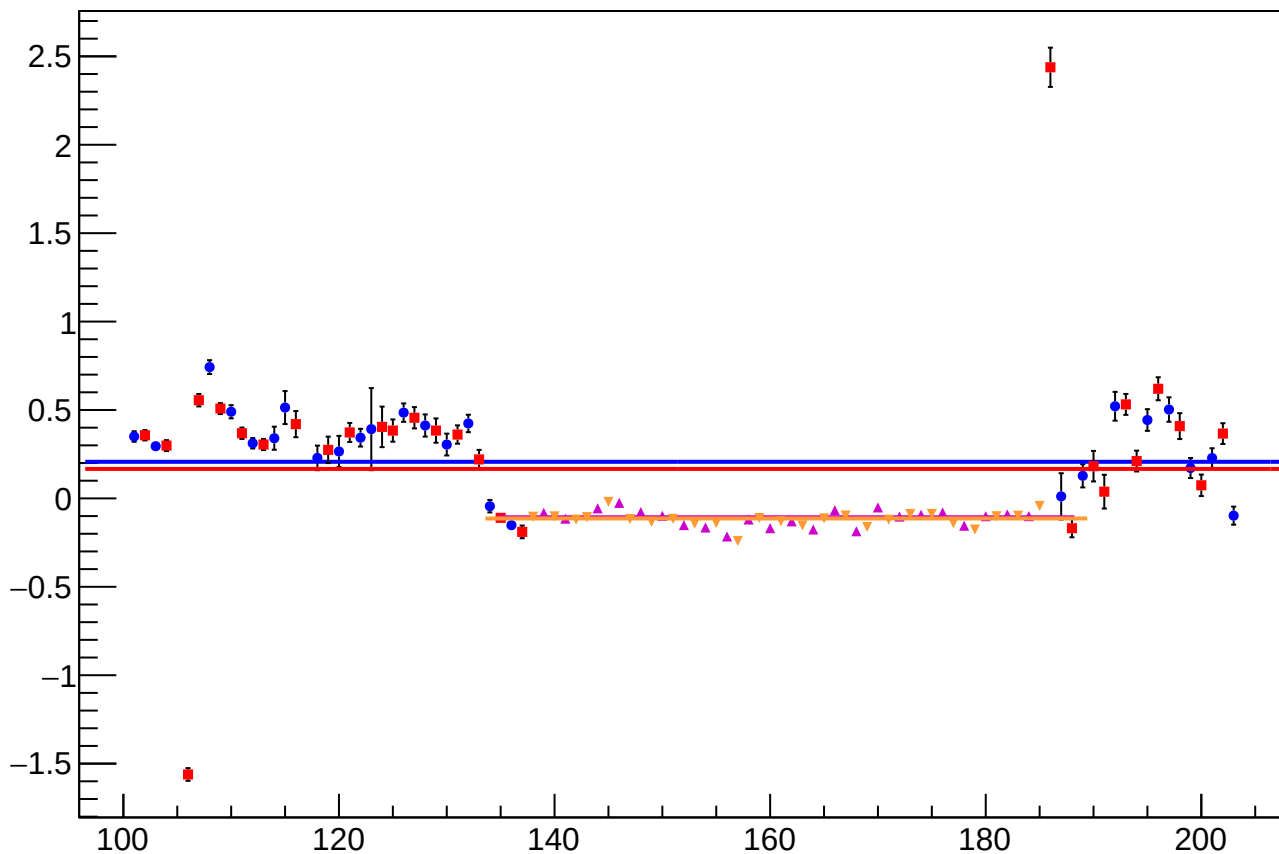
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.045 $\pm$ 0.051 χ^2 /NDF: 12509.0/49

All: 22.915 $\pm$ 0.036 χ^2 /NDF: 25302.4/100

- sign 22.782 $\pm$ 0.051 χ^2 /NDF: 12780.1/50

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: 0.167 ± 0.008 χ^2/NDF : 3594.0/27

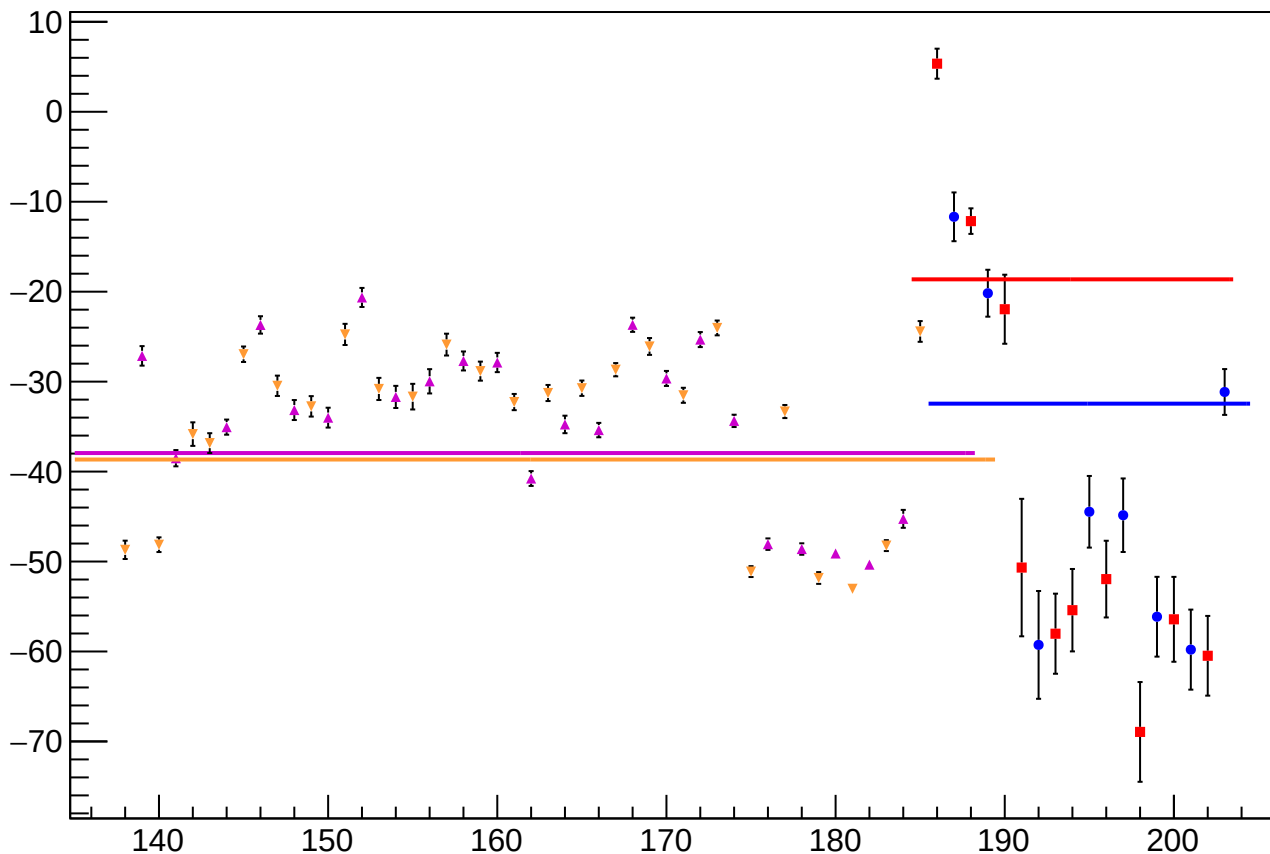
Left In: -0.107 ± 0.002 χ^2/NDF : 322.0/22

+ sign -0.090 ± 0.002 χ^2/NDF : 2496.4/49

All: -0.088 ± 0.002 χ^2/NDF : 7381.6/100

- sign -0.085 ± 0.002 χ^2/NDF : 4883.0/50

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: -18.629 ± 0.905 $\chi^2/\text{NDF}: 684.9/9$

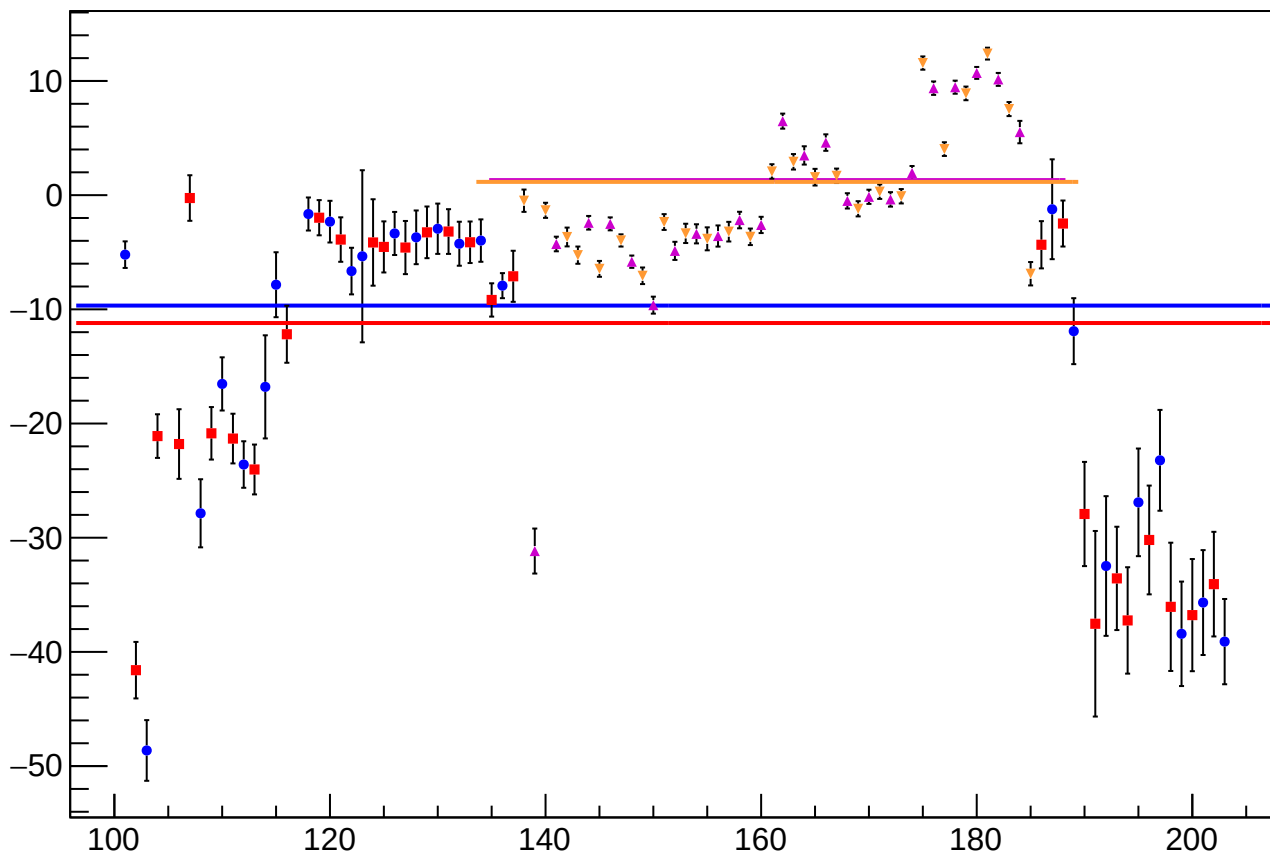
Left In: -37.939 ± 0.173 $\chi^2/\text{NDF}: 3133.2/22$

+ sign -38.539 ± 0.168 $\chi^2/\text{NDF}: 4285.7/32$

All: -37.908 ± 0.119 $\chi^2/\text{NDF}: 8571.6/65$

- sign -37.263 ± 0.169 $\chi^2/\text{NDF}: 4257.3/32$

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: -11.198 ± 0.450 χ^2/NDF : 610.6/27

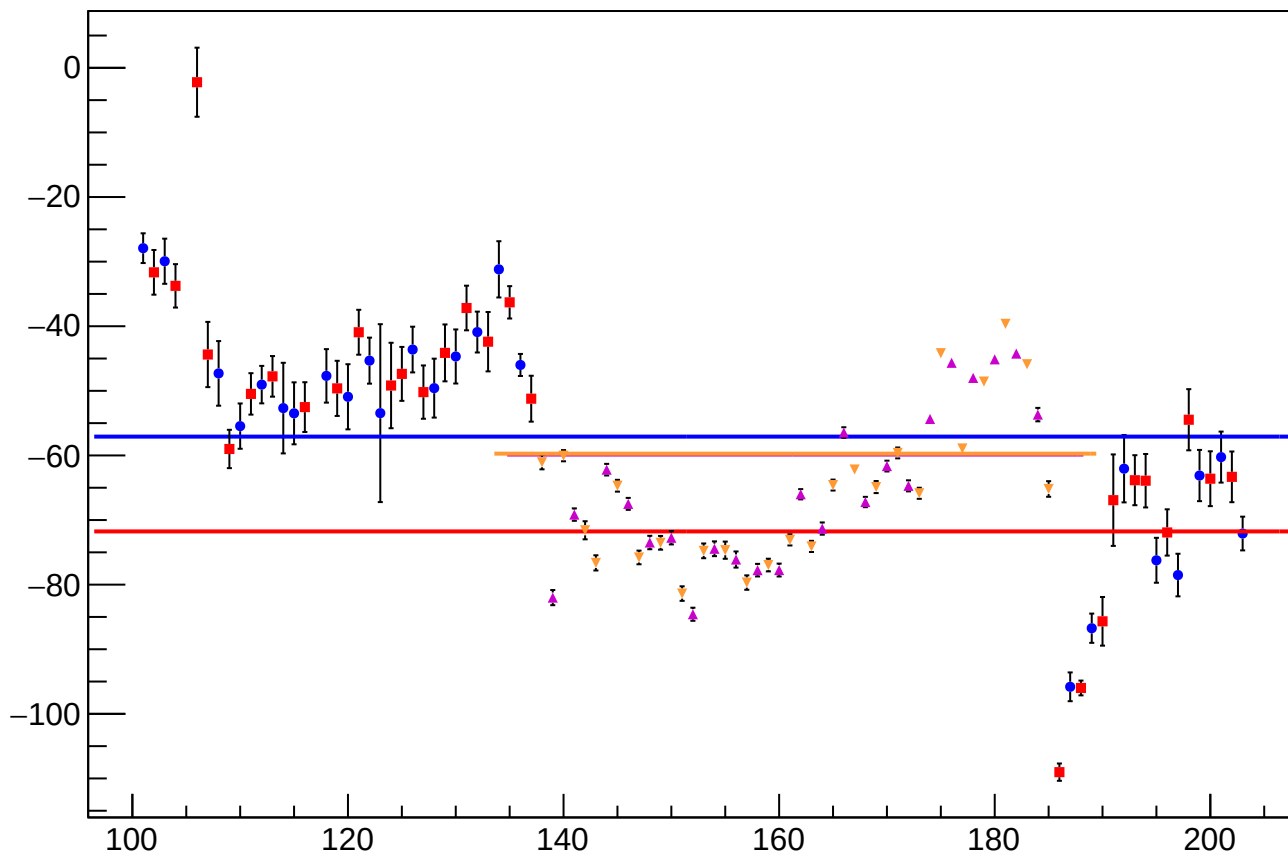
Left In: 1.319 ± 0.139 χ^2/NDF : 2080.7/22

+ sign 0.217 ± 0.130 χ^2/NDF : 2933.5/49

All: 0.220 ± 0.093 χ^2/NDF : 6330.5/100

- sign 0.222 ± 0.133 χ^2/NDF : 3397.0/50

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: -71.761 ± 0.568 χ^2/NDF : 2466.0/27

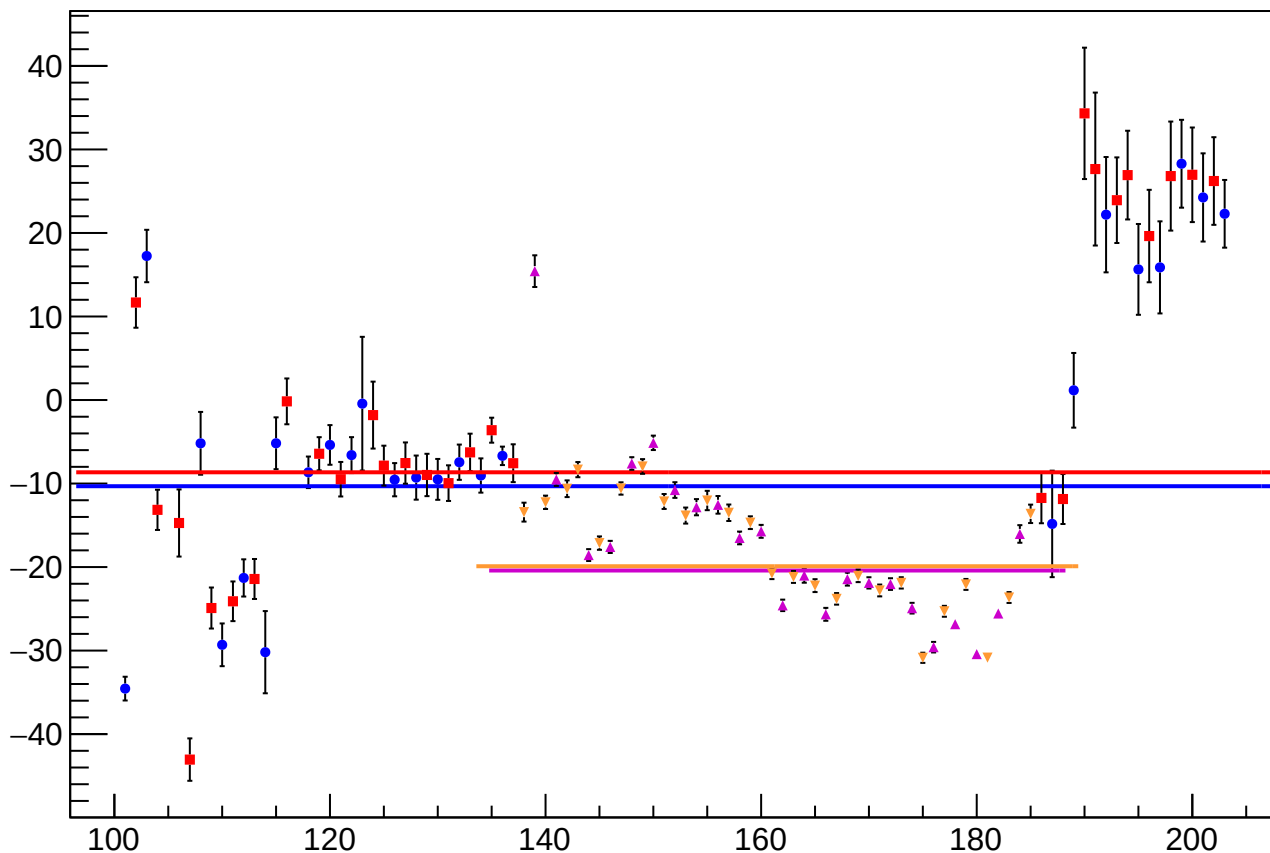
Left In: -59.864 ± 0.173 χ^2/NDF : 5275.1/22

+ sign -59.558 ± 0.165 χ^2/NDF : 6769.4/49

All: -60.214 ± 0.117 χ^2/NDF : 14944.0/100

- sign -60.872 ± 0.165 χ^2/NDF : 8143.0/50

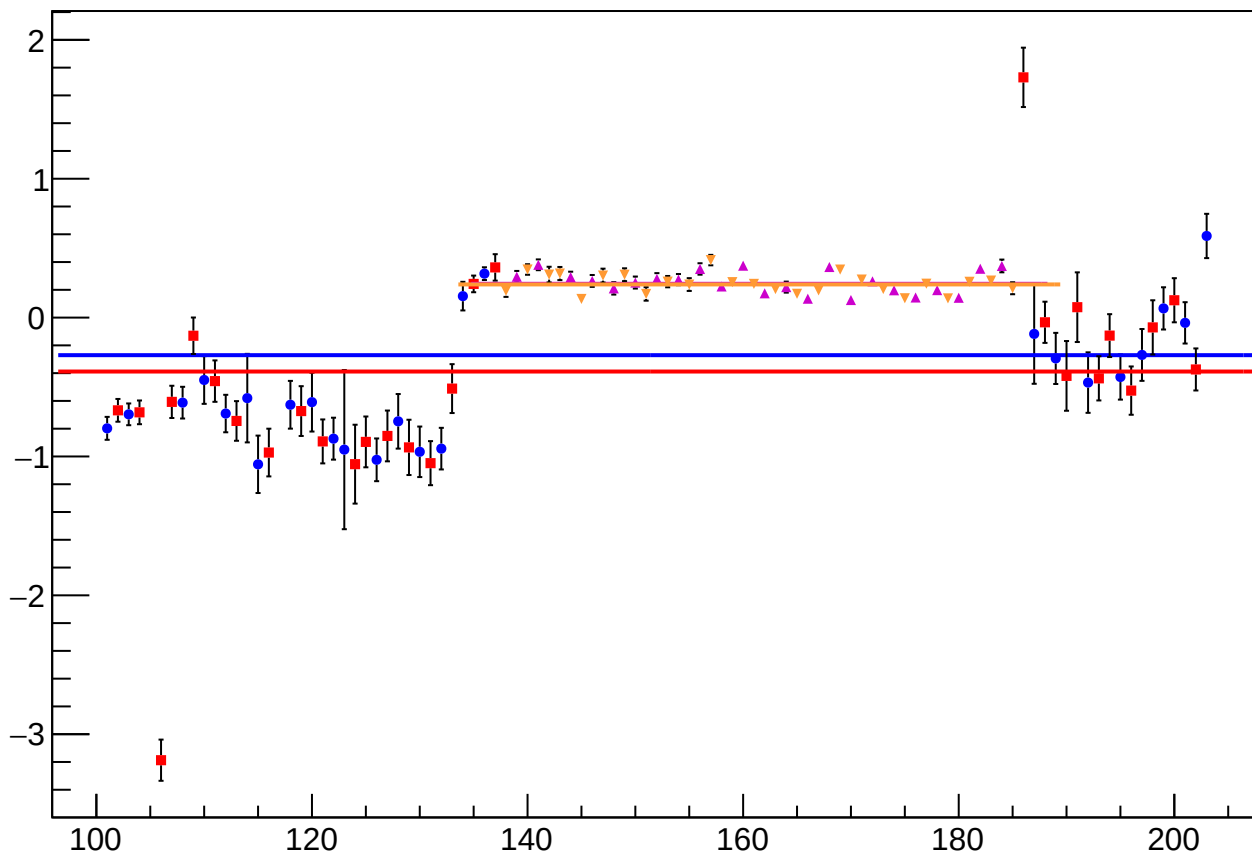
reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



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: -8.654 ± 0.520 χ^2/NDF : 649.0/27
 Left In: -20.412 ± 0.156 χ^2/NDF : 2345.4/22

+ sign -19.081 ± 0.146 χ^2/NDF : 2967.6/49
 All: -19.256 ± 0.105 χ^2/NDF : 6434.2/100
 - sign -19.438 ± 0.150 χ^2/NDF : 3463.7/50

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: -0.388 ± 0.025 $\chi^2/\text{NDF}: 759.0/27$

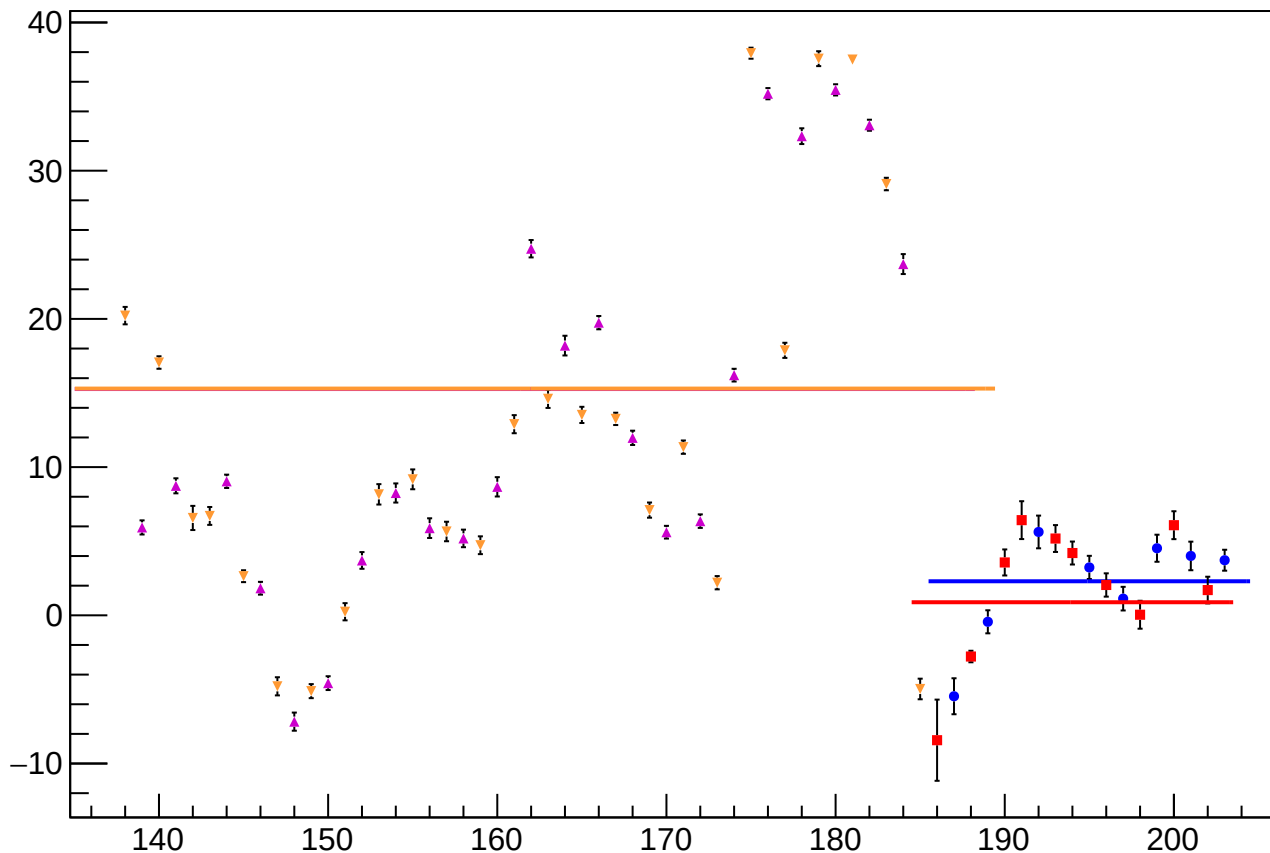
Left In: 0.243 ± 0.007 $\chi^2/\text{NDF}: 139.2/22$

+ sign 0.202 ± 0.007 $\chi^2/\text{NDF}: 884.8/49$

All: 0.200 ± 0.005 $\chi^2/\text{NDF}: 2354.4/100$

- sign 0.197 ± 0.007 $\chi^2/\text{NDF}: 1469.3/50$

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: 0.882 ± 0.245 $\chi^2/\text{NDF}: 203.6/9$

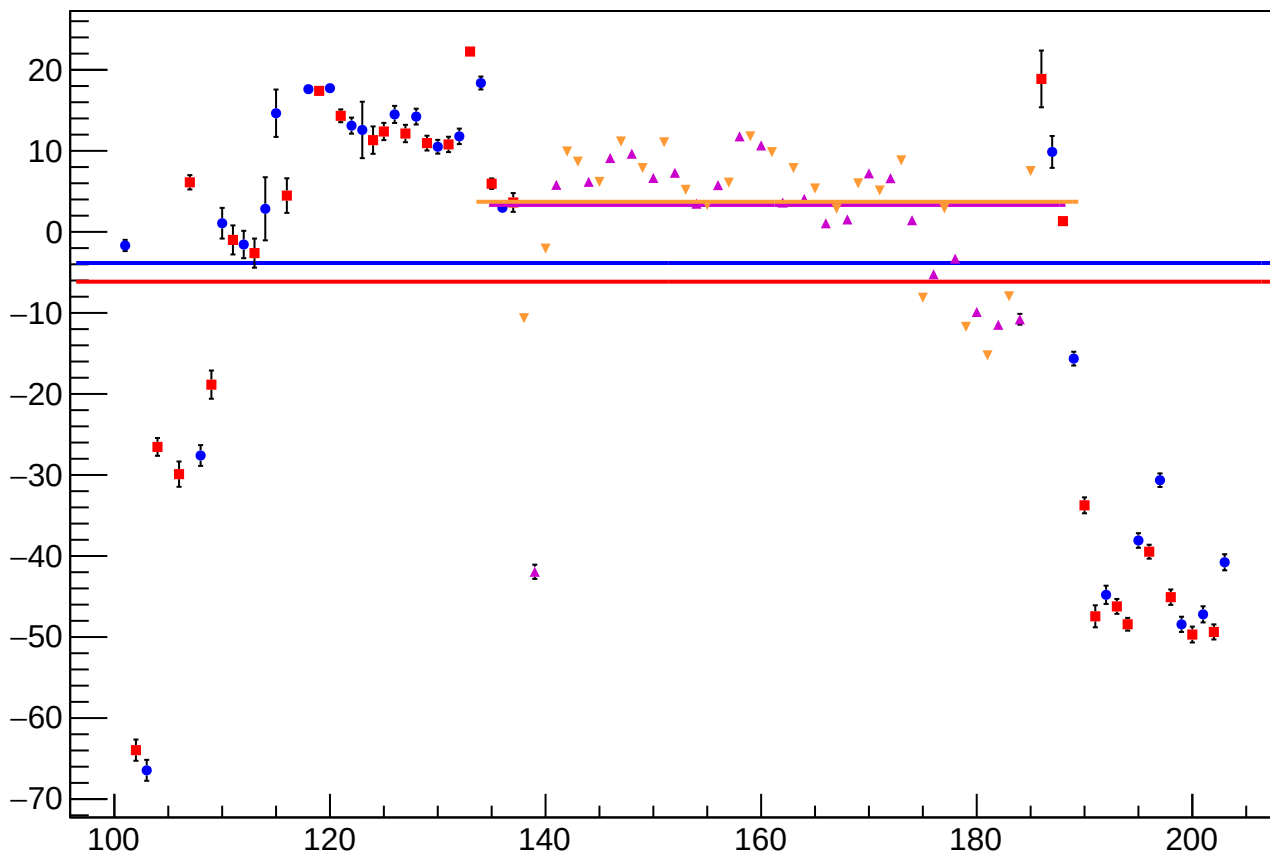
Left In: 15.268 ± 0.102 $\chi^2/\text{NDF}: 16406.3/22$

+ sign 14.032 ± 0.096 $\chi^2/\text{NDF}: 20838.0/32$

All: 13.580 ± 0.067 $\chi^2/\text{NDF}: 40426.5/65$

- sign 13.141 ± 0.094 $\chi^2/\text{NDF}: 19544.4/32$

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -3.840 ± 0.183 χ^2/NDF : 17959.5/24

Left Out: 3.717 ± 0.079 χ^2/NDF : 9201.0/24

Right Out: -6.147 ± 0.171 χ^2/NDF : 25087.5/27

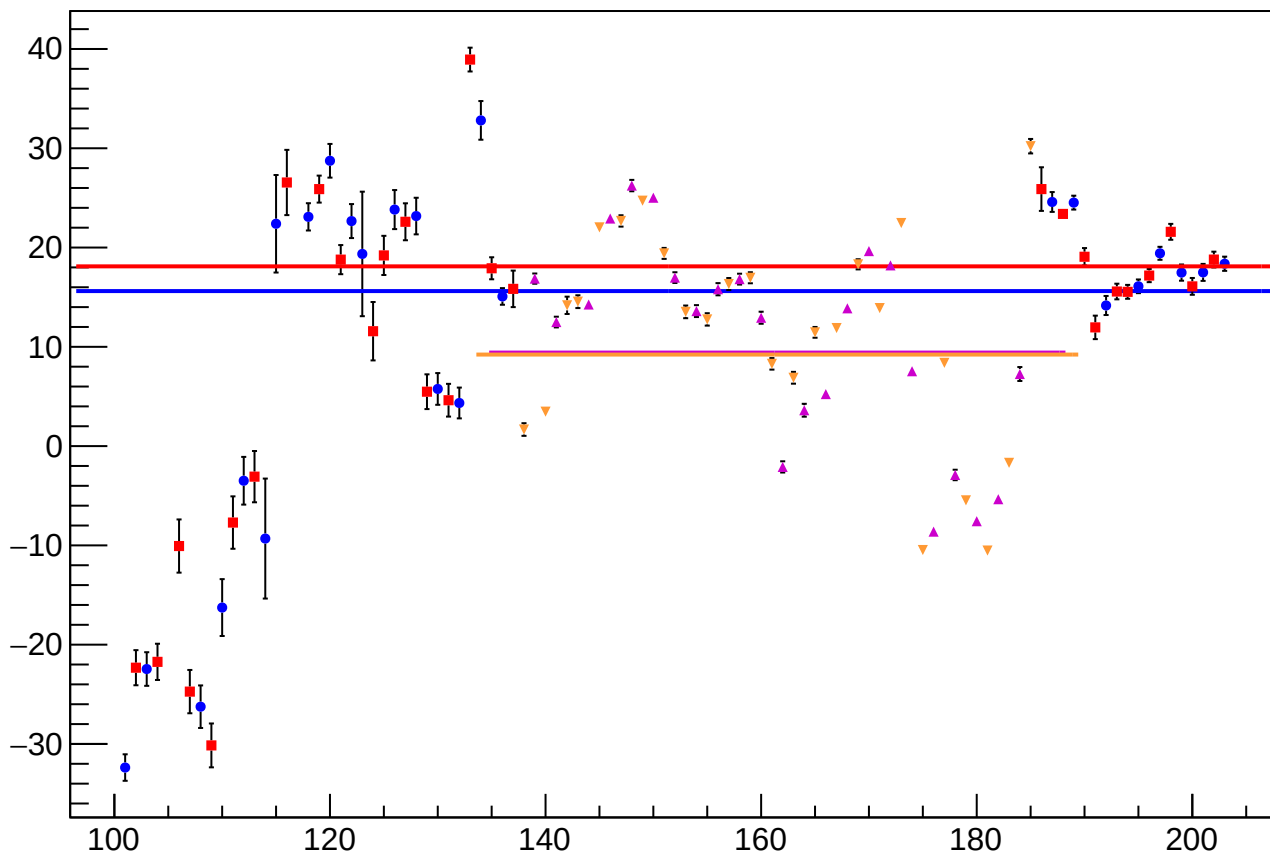
Left In: 3.327 ± 0.081 χ^2/NDF : 8830.5/22

+ sign 2.532 ± 0.072 χ^2/NDF : 28597.0/49

All: 2.069 ± 0.052 χ^2/NDF : 65096.8/100

- sign 1.596 ± 0.073 χ^2/NDF : 36417.3/50

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: 18.105 $\pm$ 0.187 χ^2/NDF : 2979.9/27

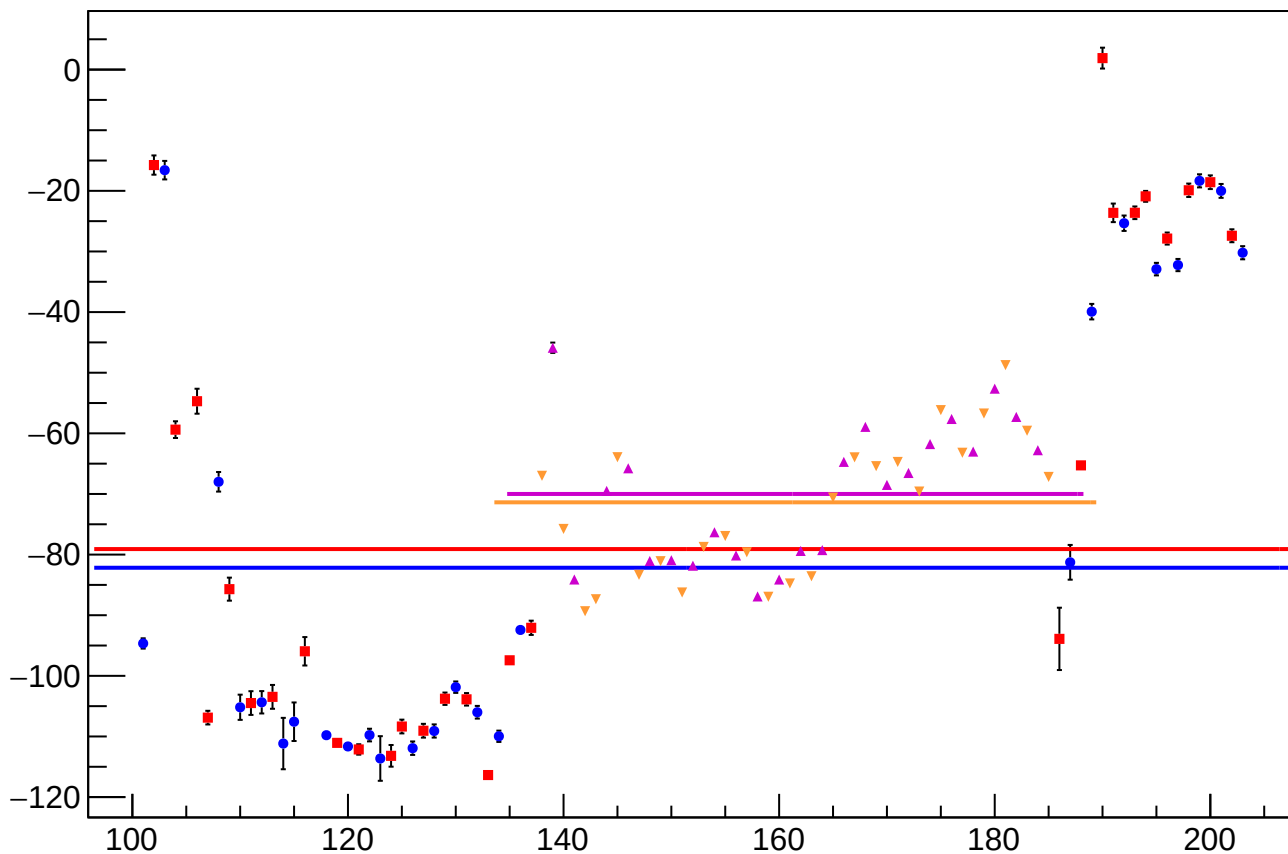
Left In: 9.420 $\pm$ 0.102 χ^2/NDF :12078.1/22

+ sign 10.268 $\pm$ 0.092 χ^2/NDF : 17274.0/49

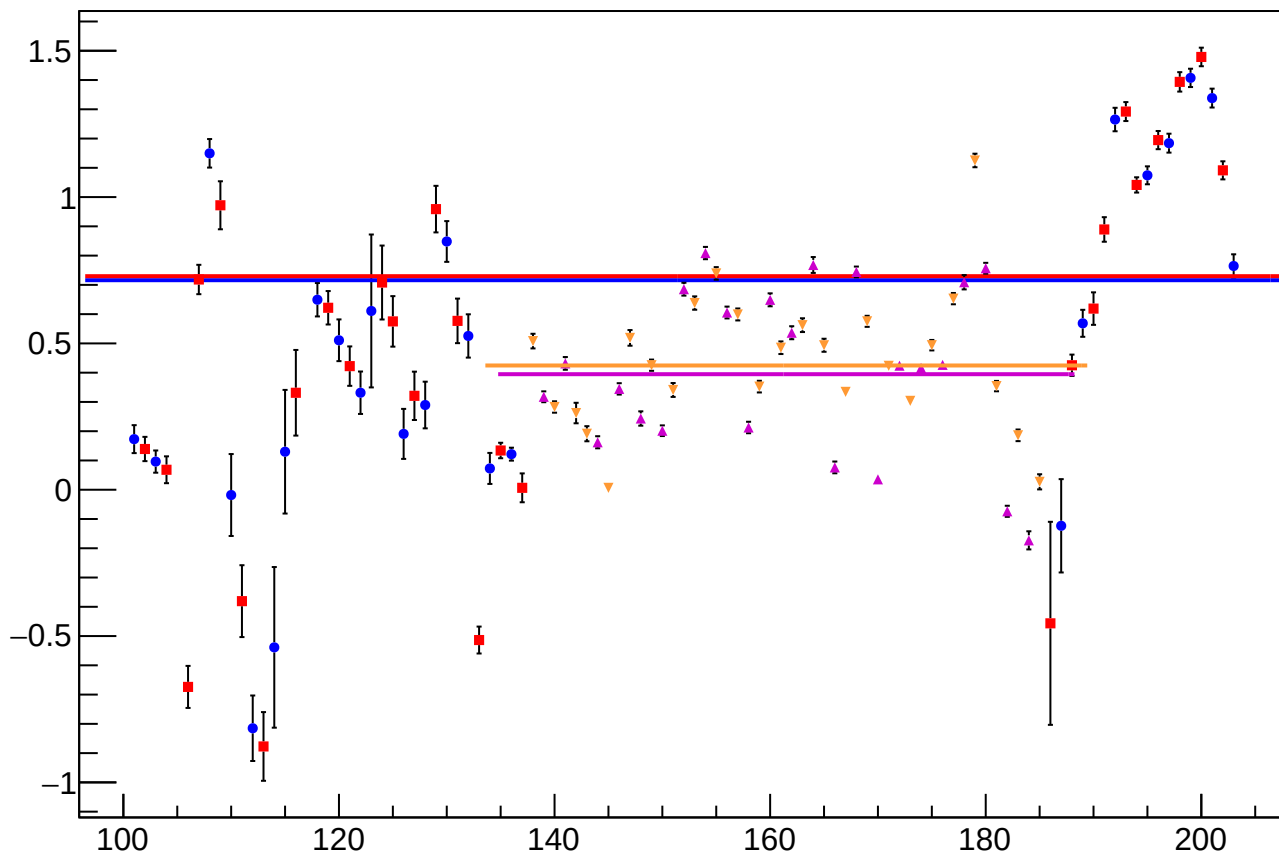
All: 10.854 $\pm$ 0.064 χ^2/NDF : 34065.8/100

- sign 11.403 $\pm$ 0.090 χ^2/NDF : 16714.1/50

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



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: 0.730 $\pm$ 0.009 χ^2 /NDF: 4458.7/27

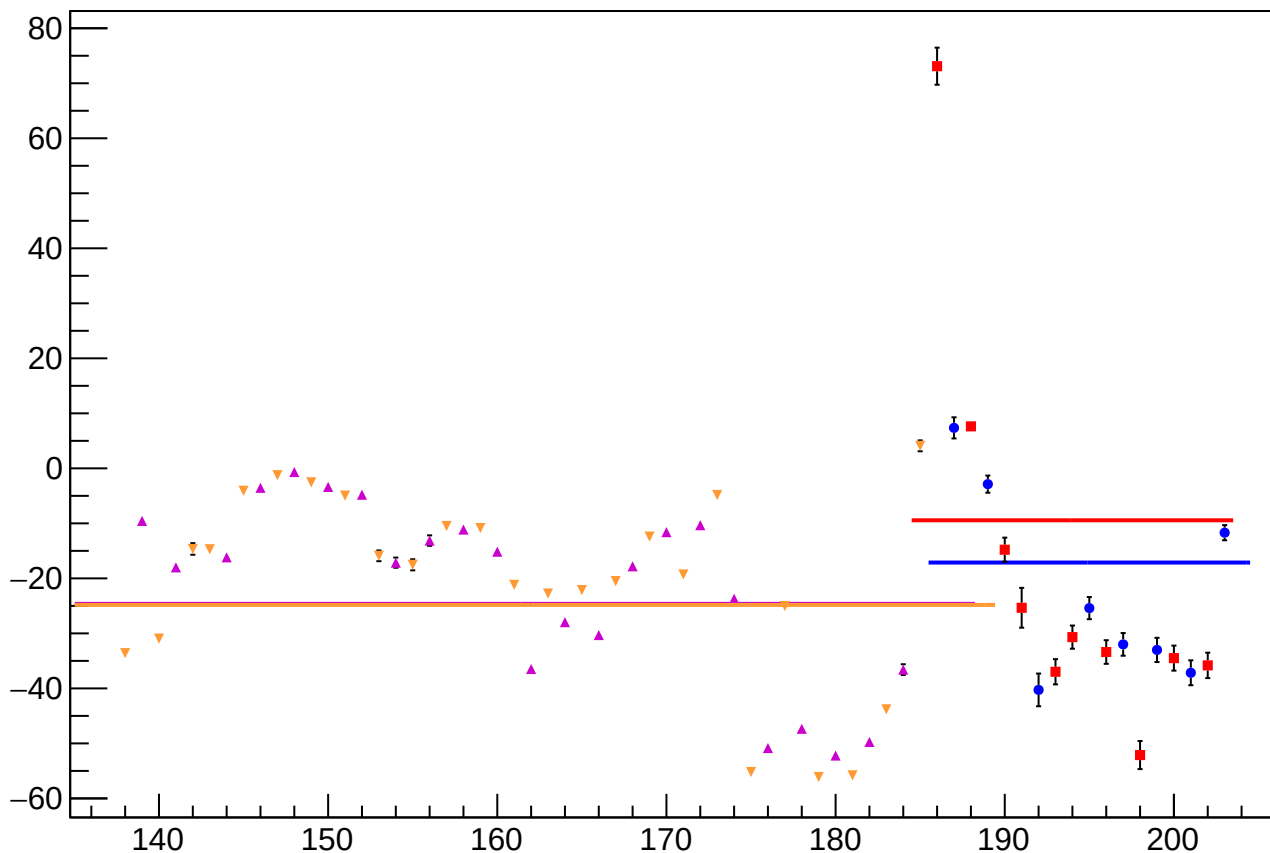
Left In: 0.395 $\pm$ 0.004 χ^2 /NDF:4063.1/22

+ sign 0.471 $\pm$ 0.004 χ^2 /NDF: 6809.0/49

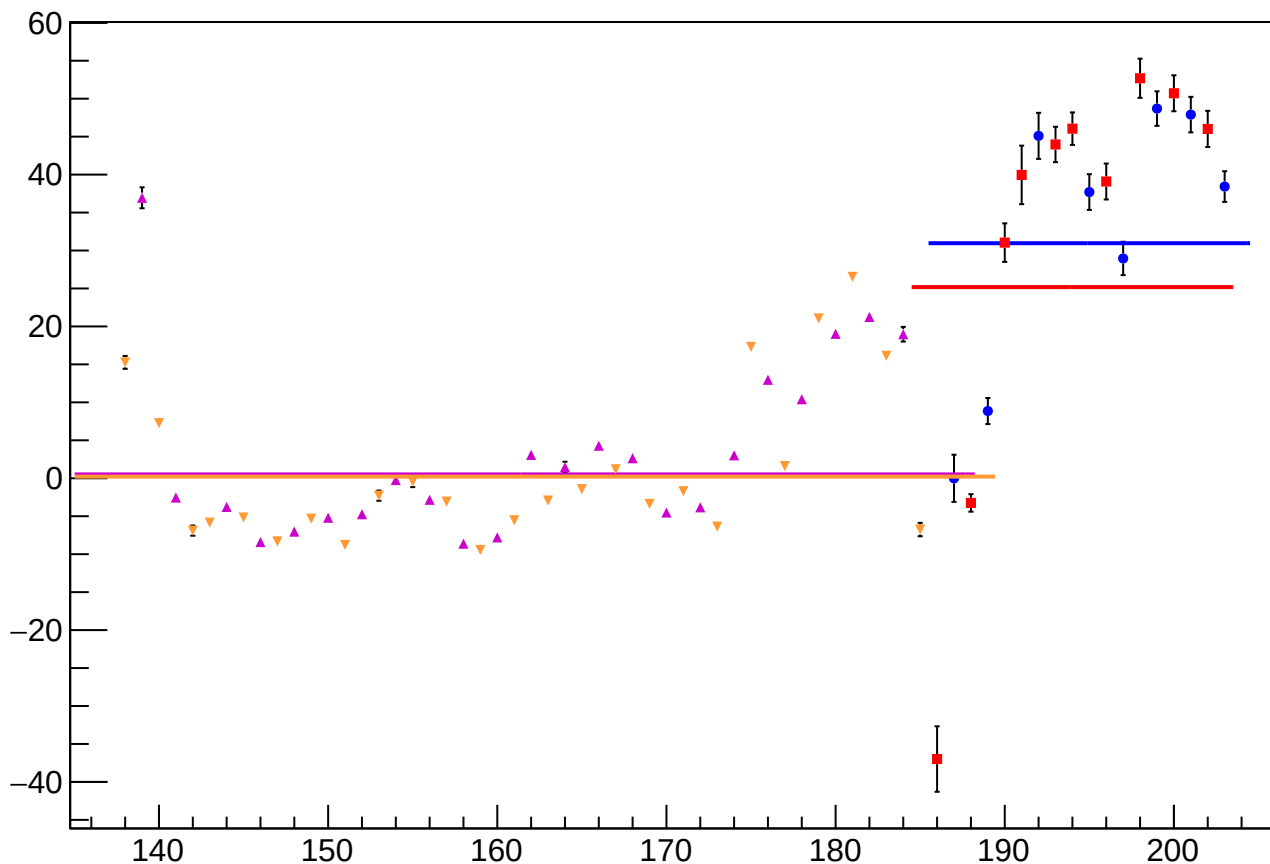
All: 0.464 $\pm$ 0.003 χ^2 /NDF: 16570.7/100

- sign 0.458 $\pm$ 0.004 χ^2 /NDF: 9755.6/50

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: 25.183 $\pm$ 0.688 χ^2/NDF : 1337.0/9

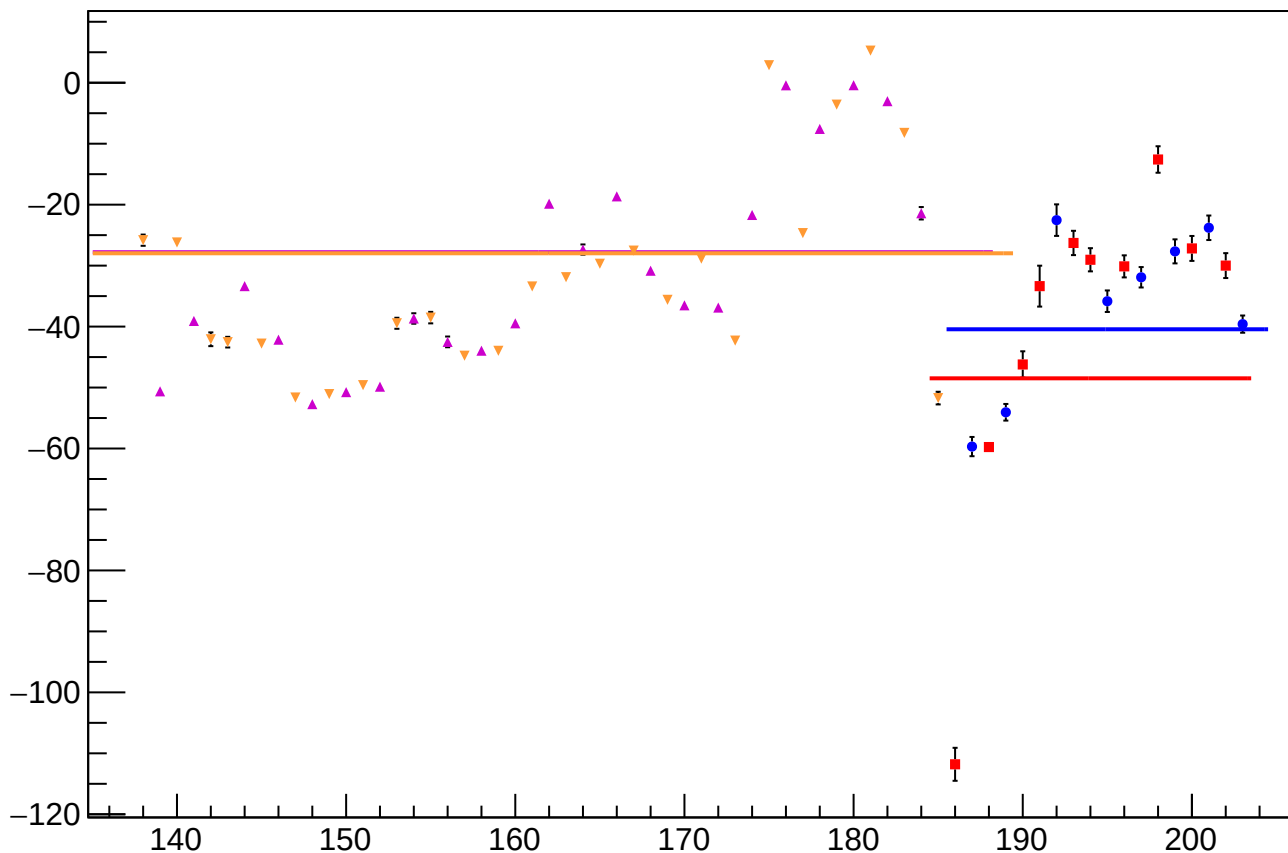
Left In: 0.507 $\pm$ 0.112 χ^2/NDF : 6626.9/22

+ sign 0.775 $\pm$ 0.108 χ^2/NDF : 10123.6/32

All: 0.954 $\pm$ 0.077 χ^2/NDF : 19347.1/65

- sign 1.142 $\pm$ 0.110 χ^2/NDF : 9217.9/32

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: -48.487 ± 0.480 χ^2/NDF : 1667.4/9

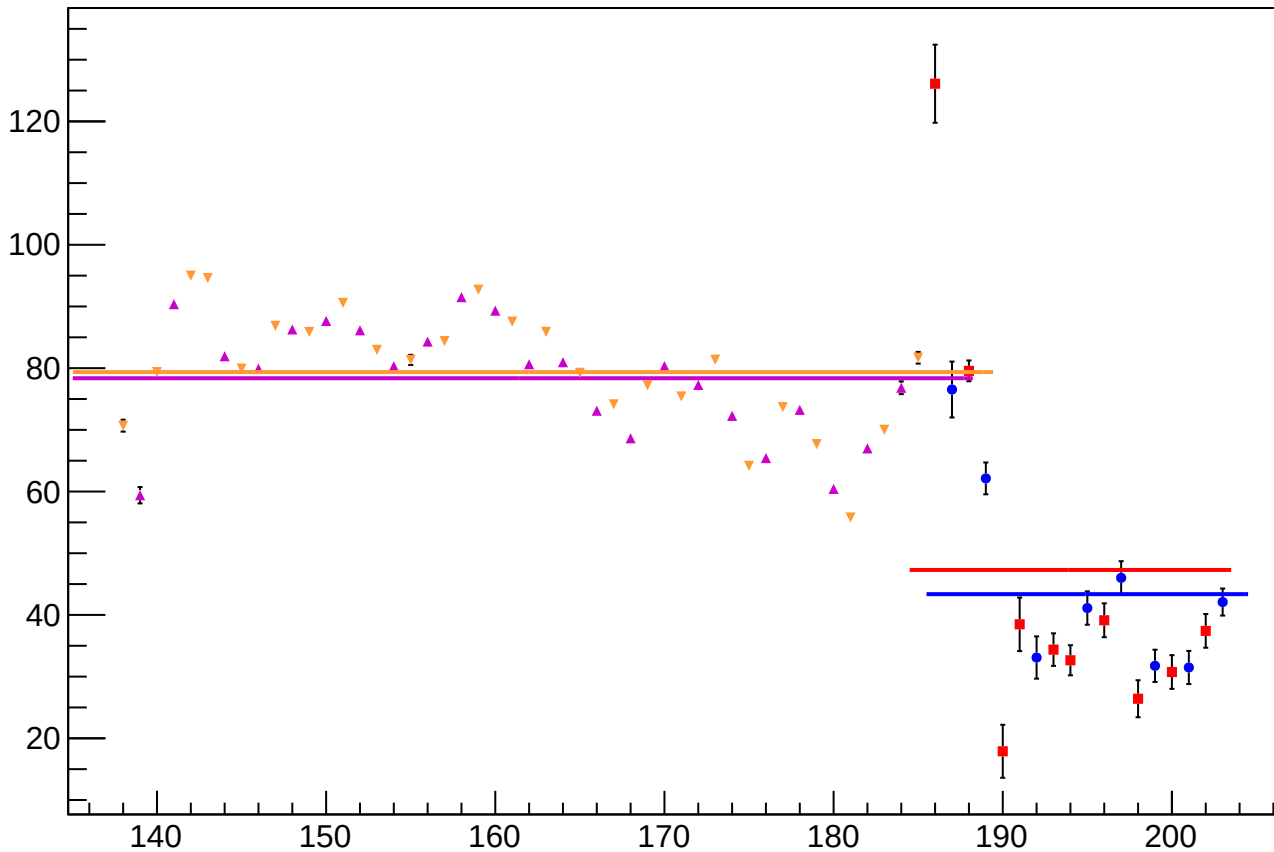
Left In: -27.796 ± 0.142 χ^2/NDF : 15193.3/22

+ sign -28.620 ± 0.136 χ^2/NDF : 17927.1/32

All: -29.042 ± 0.096 χ^2/NDF : 36519.0/65

- sign -29.460 ± 0.136 χ^2/NDF : 18572.9/32

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 43.368 $\pm$ 0.975 χ^2 /NDF: 156.8/7

Left Out: 79.364 $\pm$ 0.123 χ^2 /NDF: 5966.3/24

Right Out: 47.289 $\pm$ 0.875 χ^2 /NDF: 739.3/9

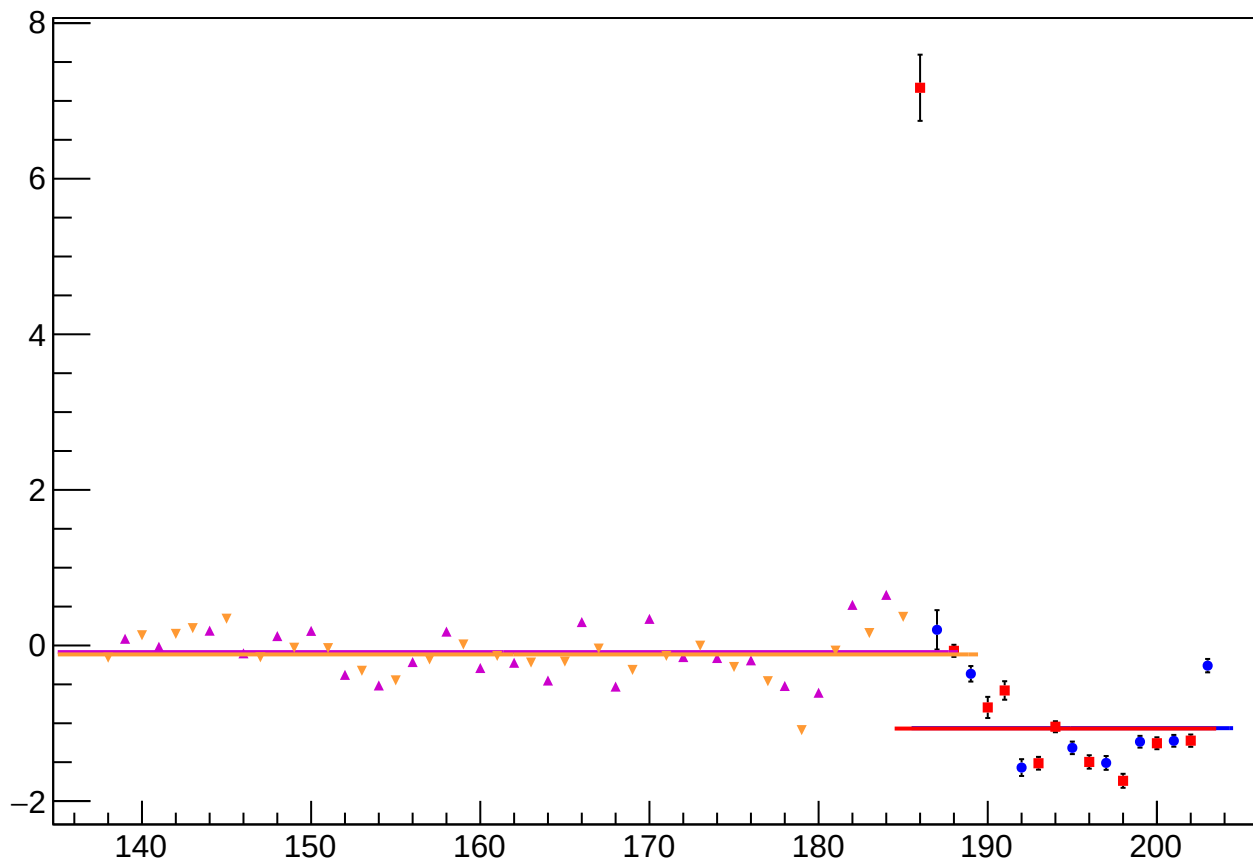
Left In: 78.367 $\pm$ 0.126 χ^2 /NDF: 4735.5/22

+ sign 78.796 $\pm$ 0.122 χ^2 /NDF: 7463.9/32

All: 78.275 $\pm$ 0.087 χ^2 /NDF: 14212.5/65

- sign 77.732 $\pm$ 0.125 χ^2 /NDF: 6711.6/32

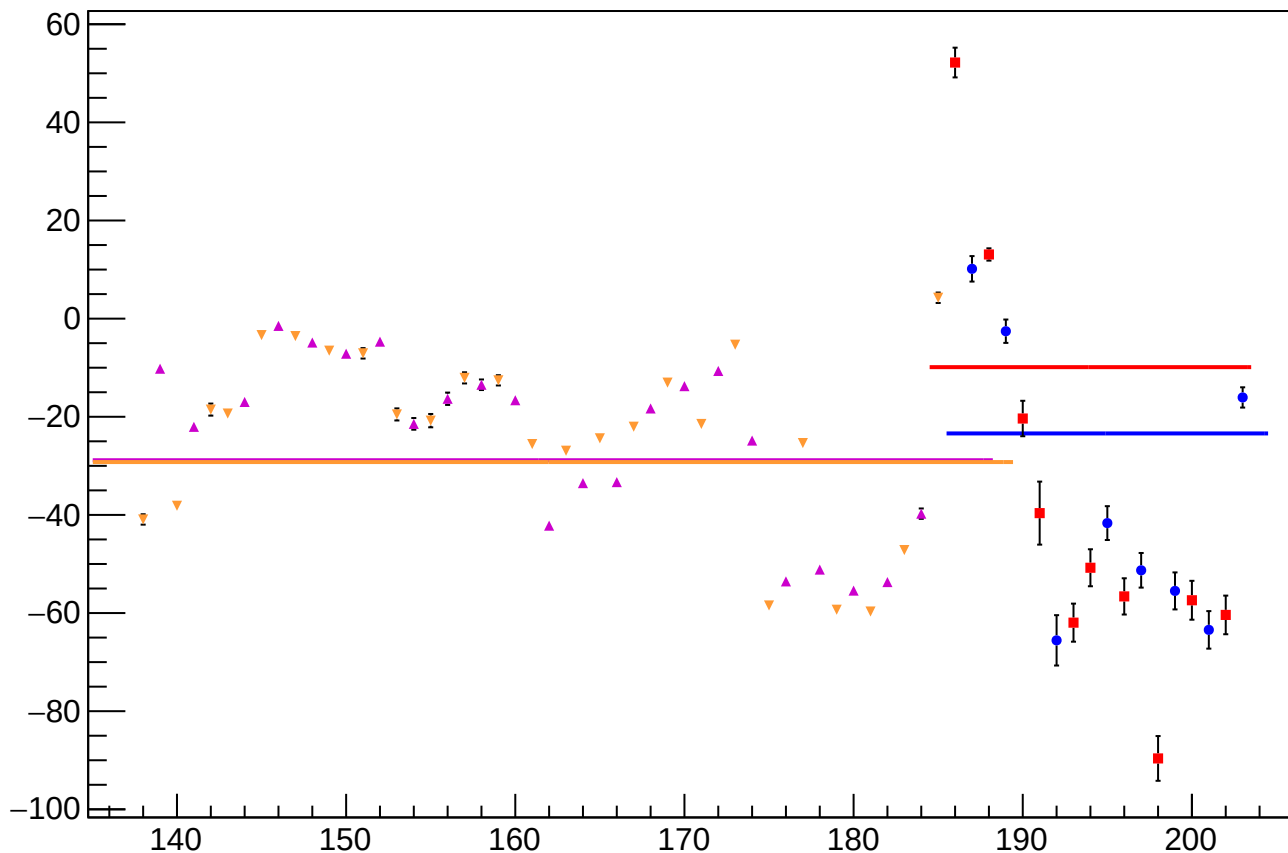
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



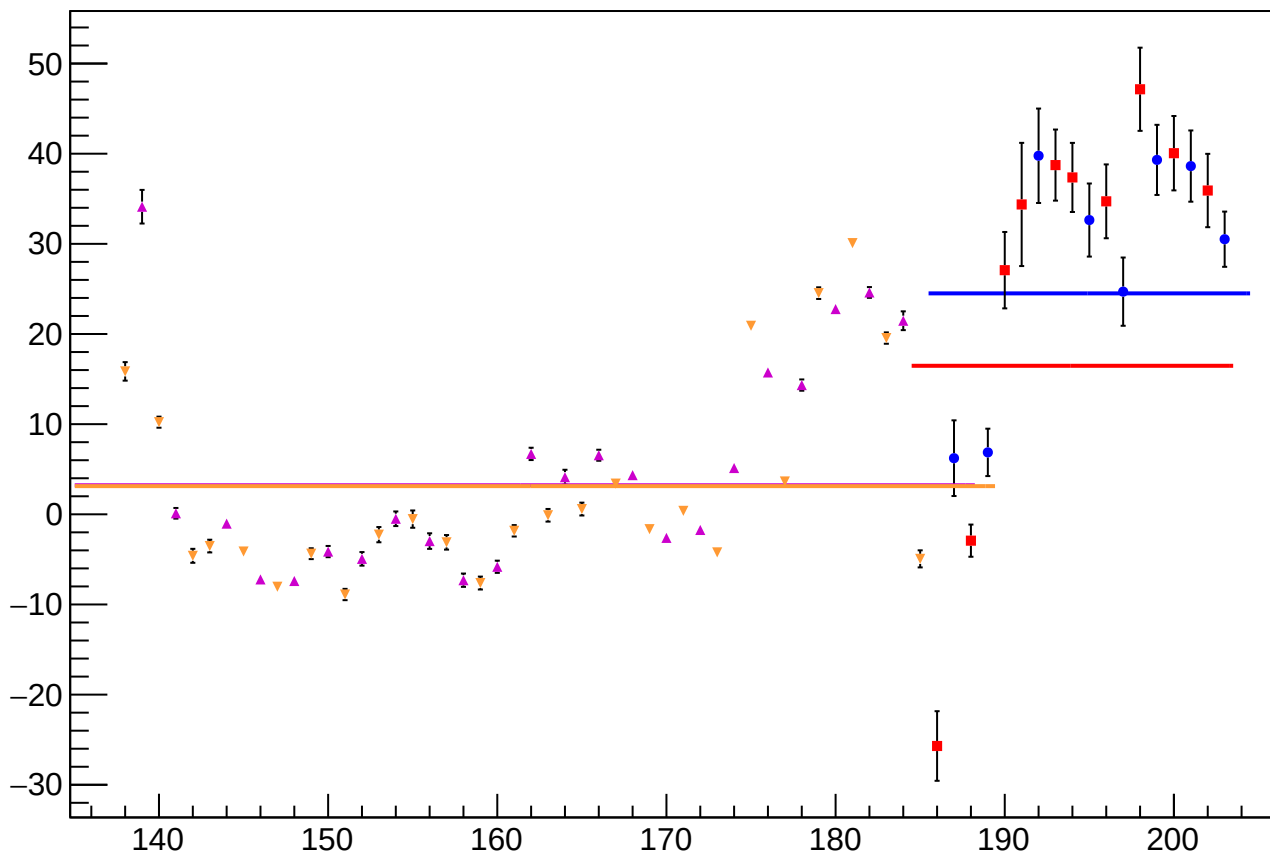
Right In: -1.063 ± 0.032 χ^2/NDF : 227.7/7
 Left Out: -0.115 ± 0.006 χ^2/NDF : 2288.7/24
 Right Out: -1.068 ± 0.028 χ^2/NDF : 680.8/9
 Left In: -0.085 ± 0.006 χ^2/NDF : 3148.4/22

+ sign -0.143 ± 0.006 χ^2/NDF : 3358.4/32
 All: -0.134 ± 0.004 χ^2/NDF : 8338.0/65
 - sign -0.124 ± 0.006 χ^2/NDF : 4973.5/32

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: 16.474 $\pm$ 1.107 χ^2 /NDF: 431.7/9

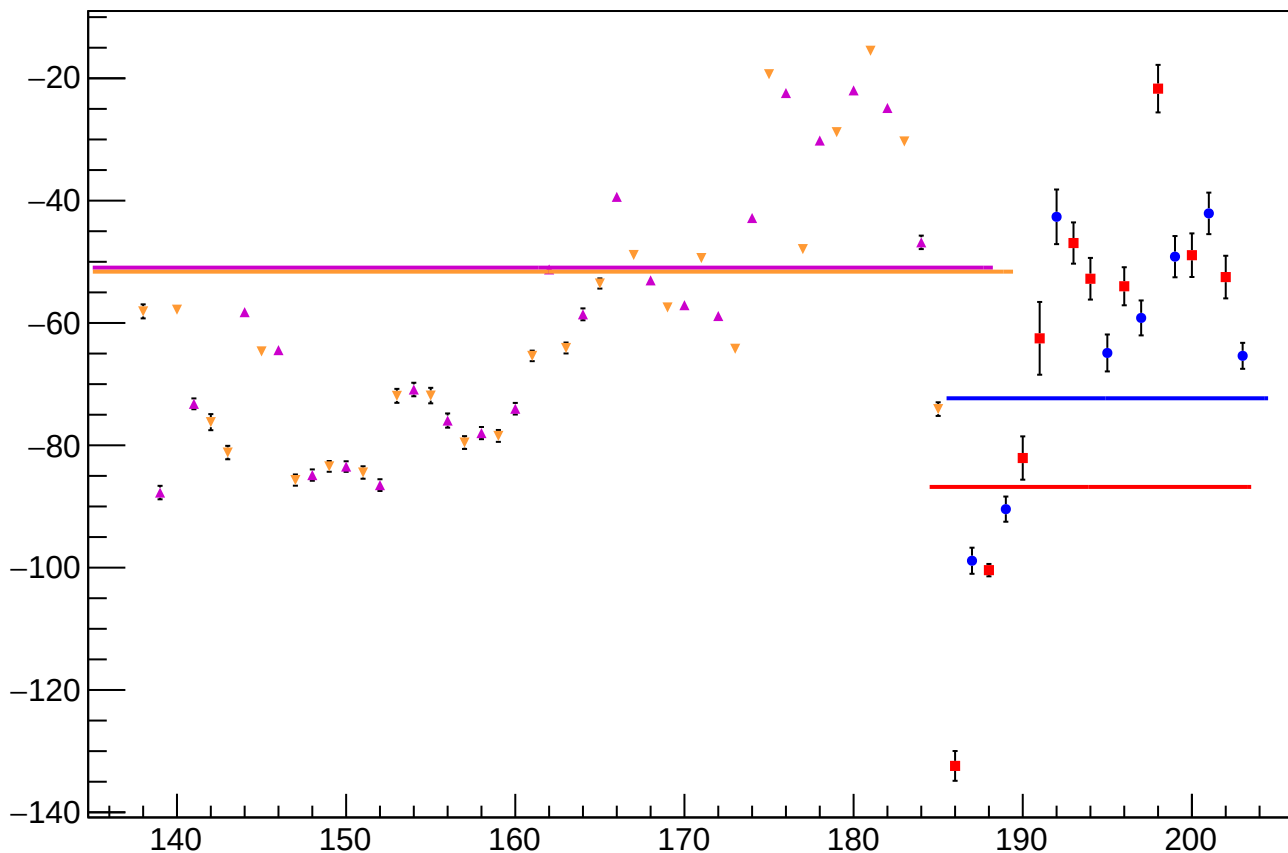
Left In: 3.224 $\pm$ 0.127 χ^2 /NDF:6274.0/22

+ sign 3.325 $\pm$ 0.124 χ^2 /NDF: 8430.8/32

All: 3.359 $\pm$ 0.088 χ^2 /NDF: 15278.1/65

- sign 3.395 $\pm$ 0.126 χ^2 /NDF: 6847.1/32

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: -86.804 ± 0.754 χ^2/NDF : 1391.9/9

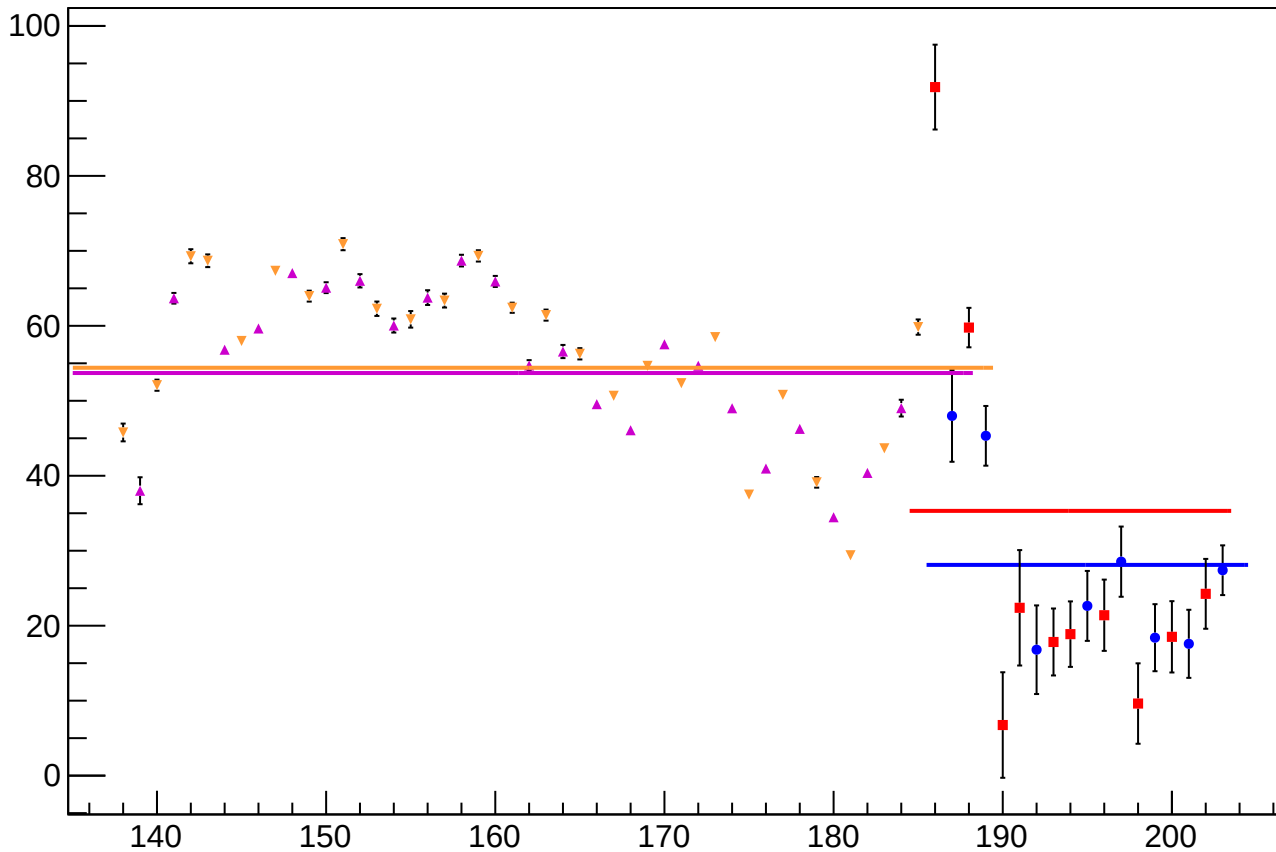
Left In: -50.954 ± 0.159 χ^2/NDF : 17472.2/22

+ sign -52.181 ± 0.156 χ^2/NDF : 20298.5/32

All: -52.335 ± 0.110 χ^2/NDF : 41330.0/65

- sign -52.490 ± 0.156 χ^2/NDF : 21029.5/32

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 28.110 $\pm$ 1.582 χ^2 /NDF: 44.4/7

Left Out: 54.407 $\pm$ 0.141 χ^2 /NDF: 6200.4/24

Right Out: 35.316 $\pm$ 1.437 χ^2 /NDF: 284.5/9

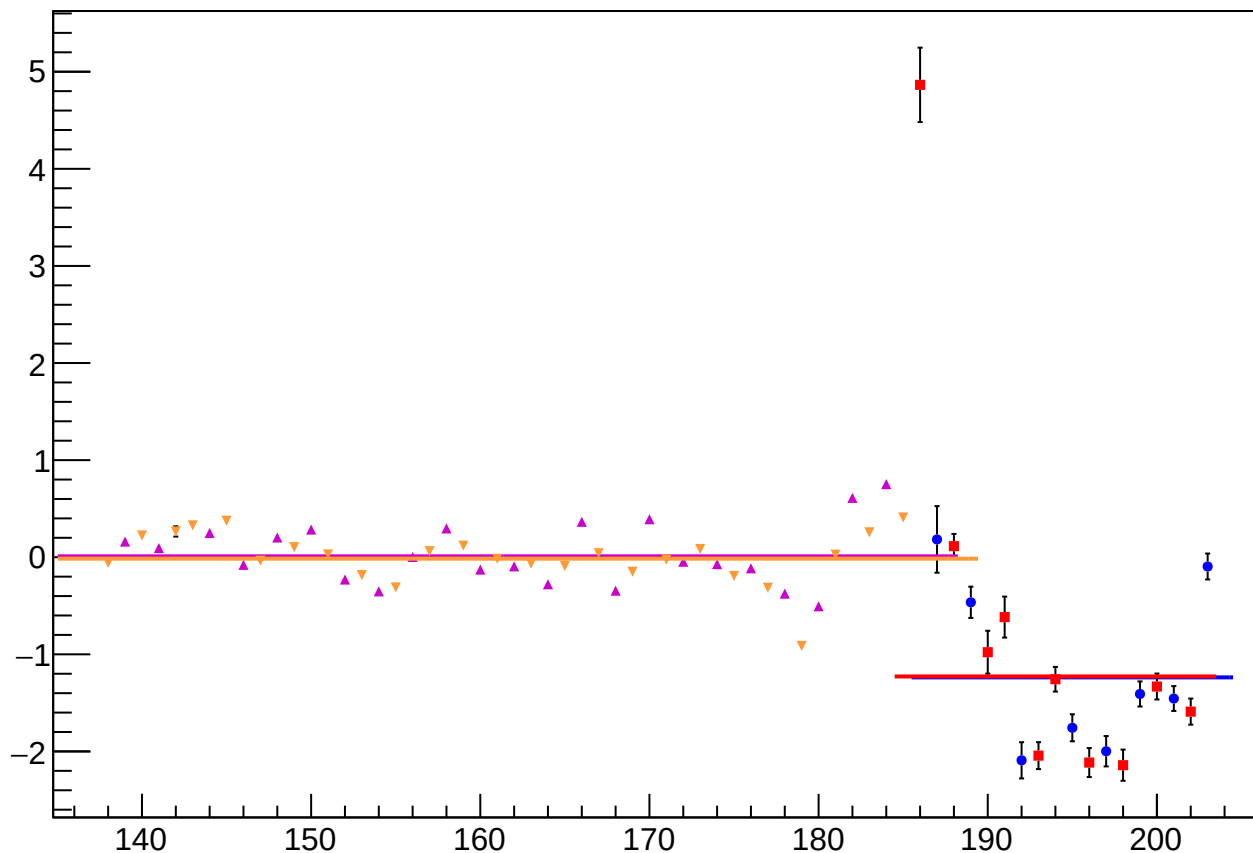
Left In: 53.704 $\pm$ 0.143 χ^2 /NDF: 4603.5/22

+ sign 54.201 $\pm$ 0.140 χ^2 /NDF: 6518.9/32

All: 53.867 $\pm$ 0.100 χ^2 /NDF: 11580.6/65

- sign 53.524 $\pm$ 0.142 χ^2 /NDF: 5050.2/32

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: -1.228 ± 0.049 χ^2/NDF : 486.7/9

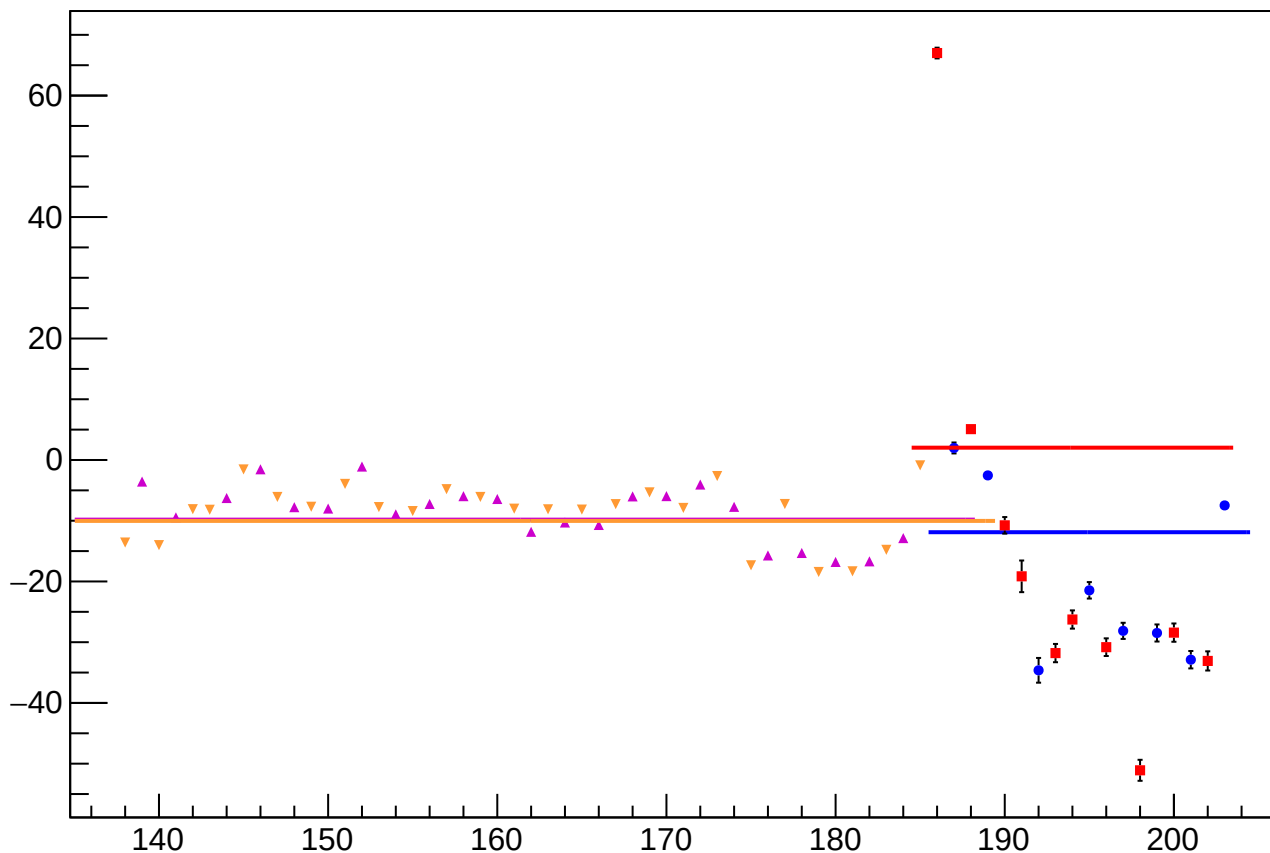
Left In: 0.009 ± 0.007 χ^2/NDF : 2228.9/22

+ sign -0.032 ± 0.006 χ^2/NDF : 2331.7/32

All: -0.022 ± 0.005 χ^2/NDF : 5687.1/65

- sign -0.012 ± 0.006 χ^2/NDF : 3350.8/32

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -11.891 ± 0.383 χ^2/NDF : 1075.5/7

Left Out: -10.030 ± 0.051 χ^2/NDF : 12530.2/24

Right Out: 2.029 ± 0.324 χ^2/NDF : 8812.8/9

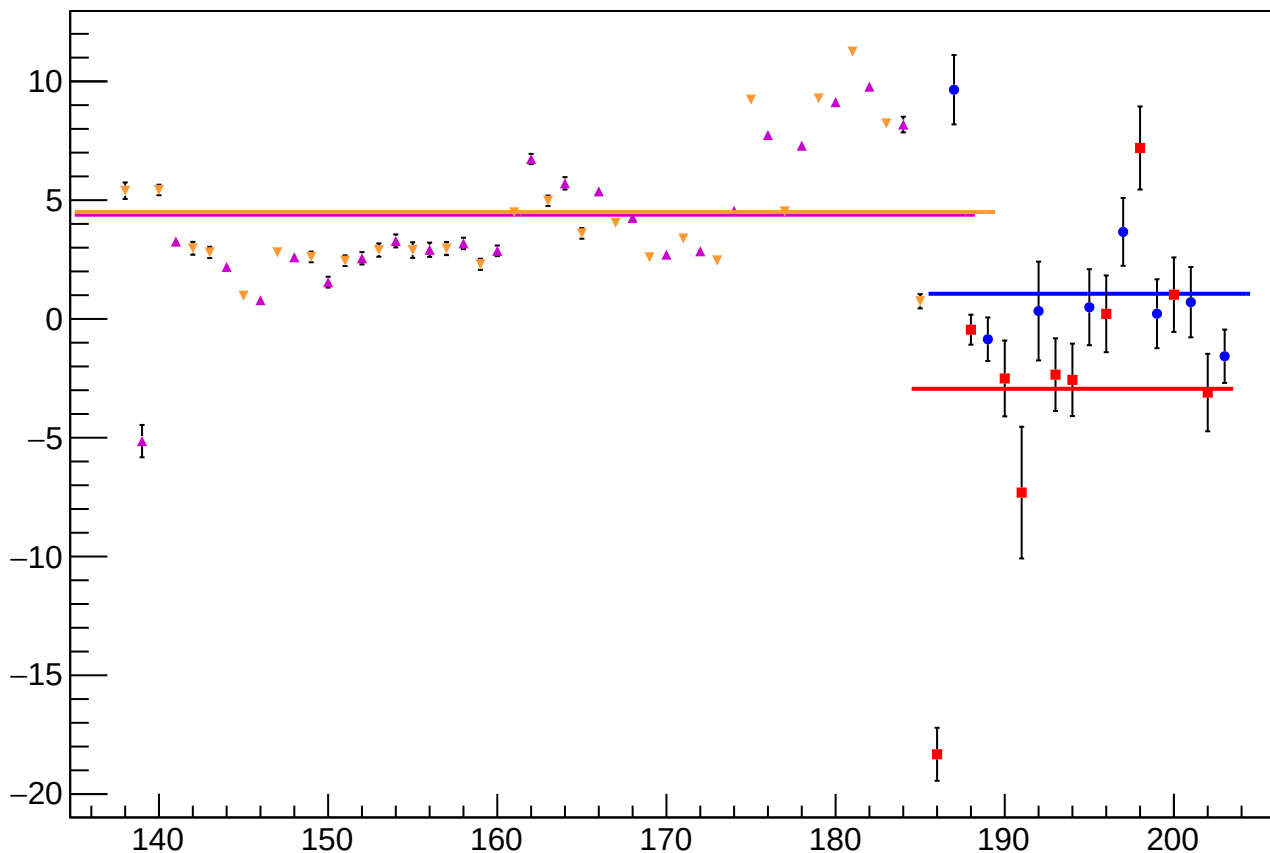
Left In: -9.820 ± 0.051 χ^2/NDF : 9468.8/22

+ sign -10.062 ± 0.050 χ^2/NDF : 13628.9/32

All: -9.798 ± 0.036 χ^2/NDF : 33271.8/65

- sign -9.531 ± 0.051 χ^2/NDF : 19587.6/32

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: -2.941 ± 0.402 $\chi^2/\text{NDF}: 252.1/9$

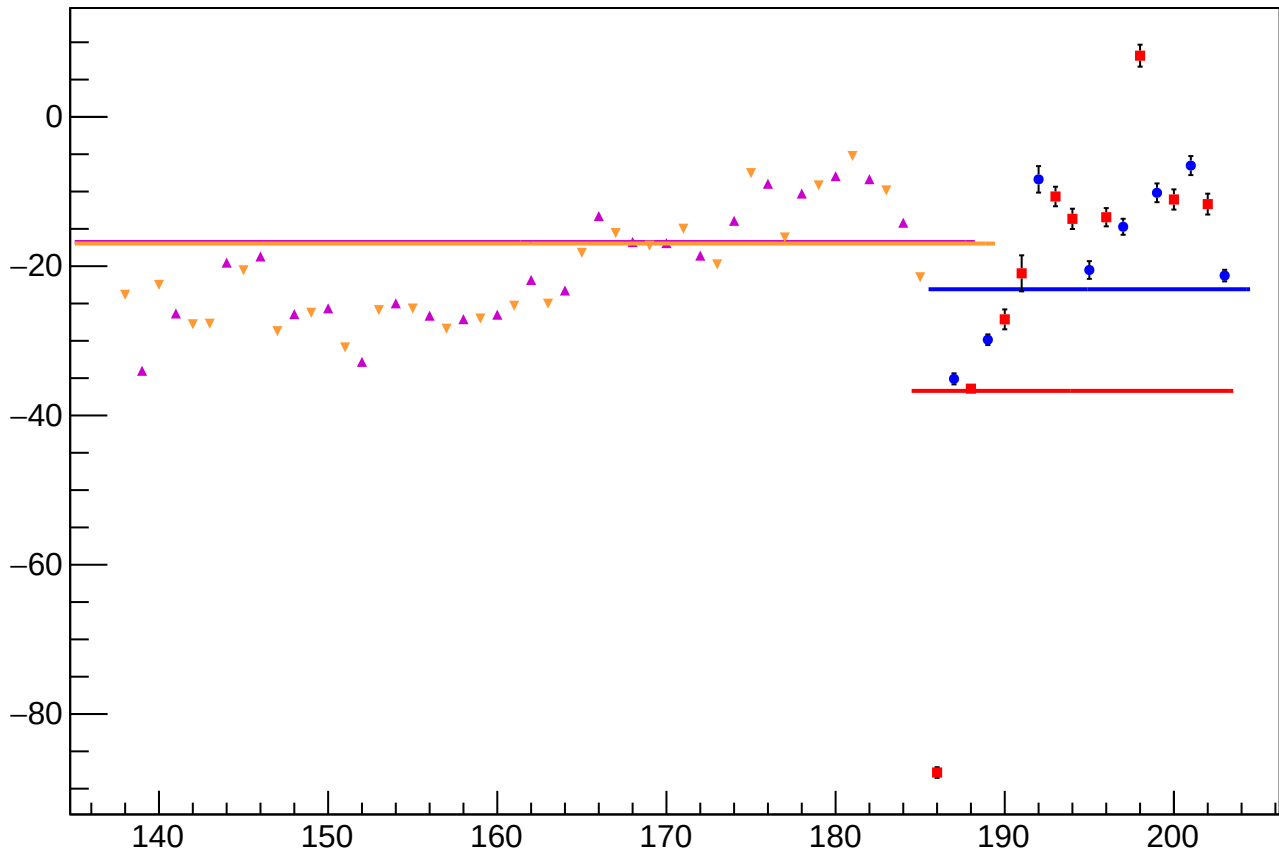
Left In: 4.388 ± 0.041 $\chi^2/\text{NDF}: 4266.4/22$

+ sign 4.473 ± 0.041 $\chi^2/\text{NDF}: 4910.5/32$

All: 4.393 ± 0.029 $\chi^2/\text{NDF}: 9765.8/65$

- sign 4.312 ± 0.041 $\chi^2/\text{NDF}: 4847.5/32$

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -23.090 ± 0.341 χ^2/NDF : 768.1/7

Left Out: -16.965 ± 0.051 χ^2/NDF : 21902.1/24

Right Out: -36.706 ± 0.270 χ^2/NDF : 7922.2/9

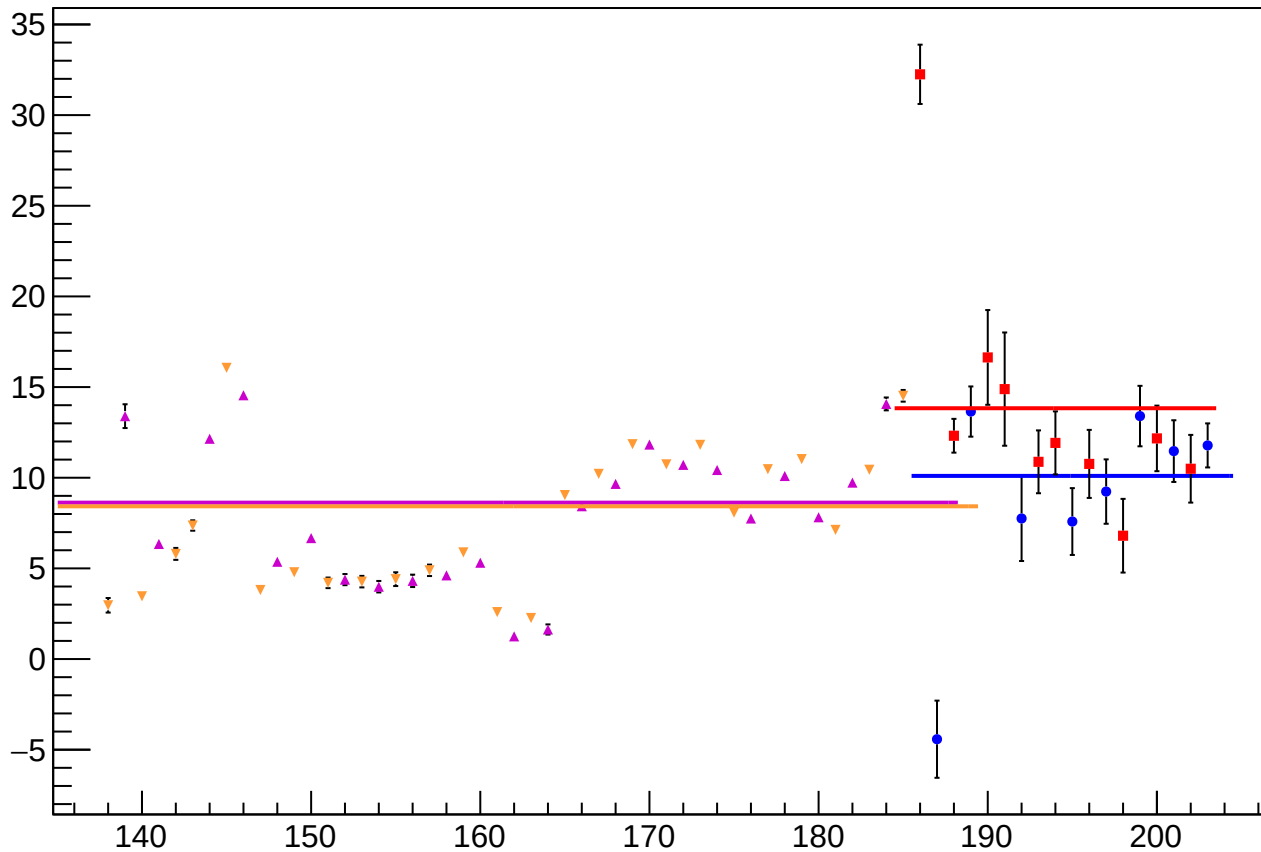
Left In: -16.764 ± 0.051 χ^2/NDF : 19037.7/22

+ sign -17.100 ± 0.051 χ^2/NDF : 22986.2/32

All: -17.282 ± 0.036 χ^2/NDF : 55253.7/65

- sign -17.462 ± 0.050 χ^2/NDF : 32241.8/32

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 10.101+/-0.585 χ^2/NDF : 62.7/7

Left Out: 8.424+/-0.046 χ^2/NDF : 6478.6/24

Right Out: 13.833+/-0.530 χ^2/NDF : 153.6/9

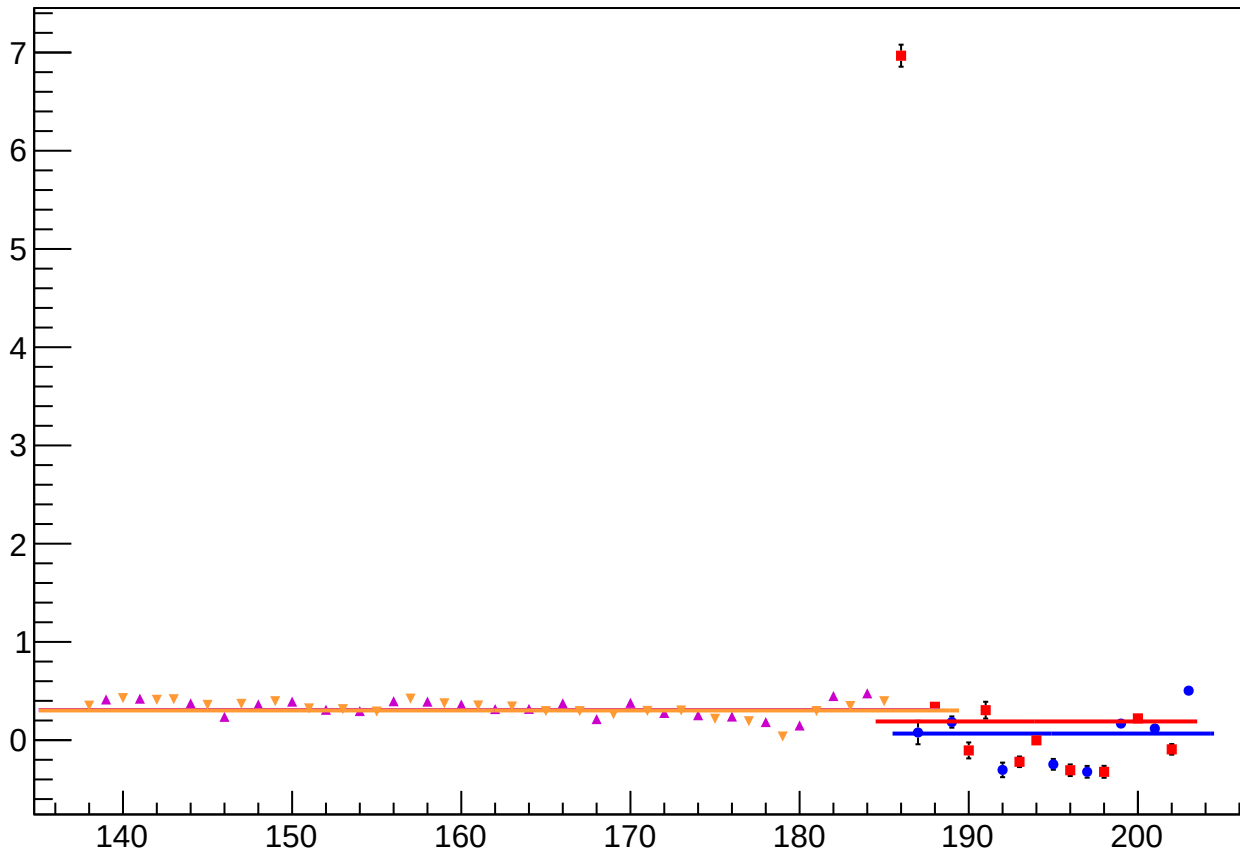
Left In: 8.626+/-0.046 χ^2/NDF : 5531.9/22

+ sign 8.434+/-0.046 χ^2/NDF : 6549.5/32

All: 8.548+/-0.032 χ^2/NDF : 12343.4/65

- sign 8.665+/-0.046 χ^2/NDF : 5781.2/32

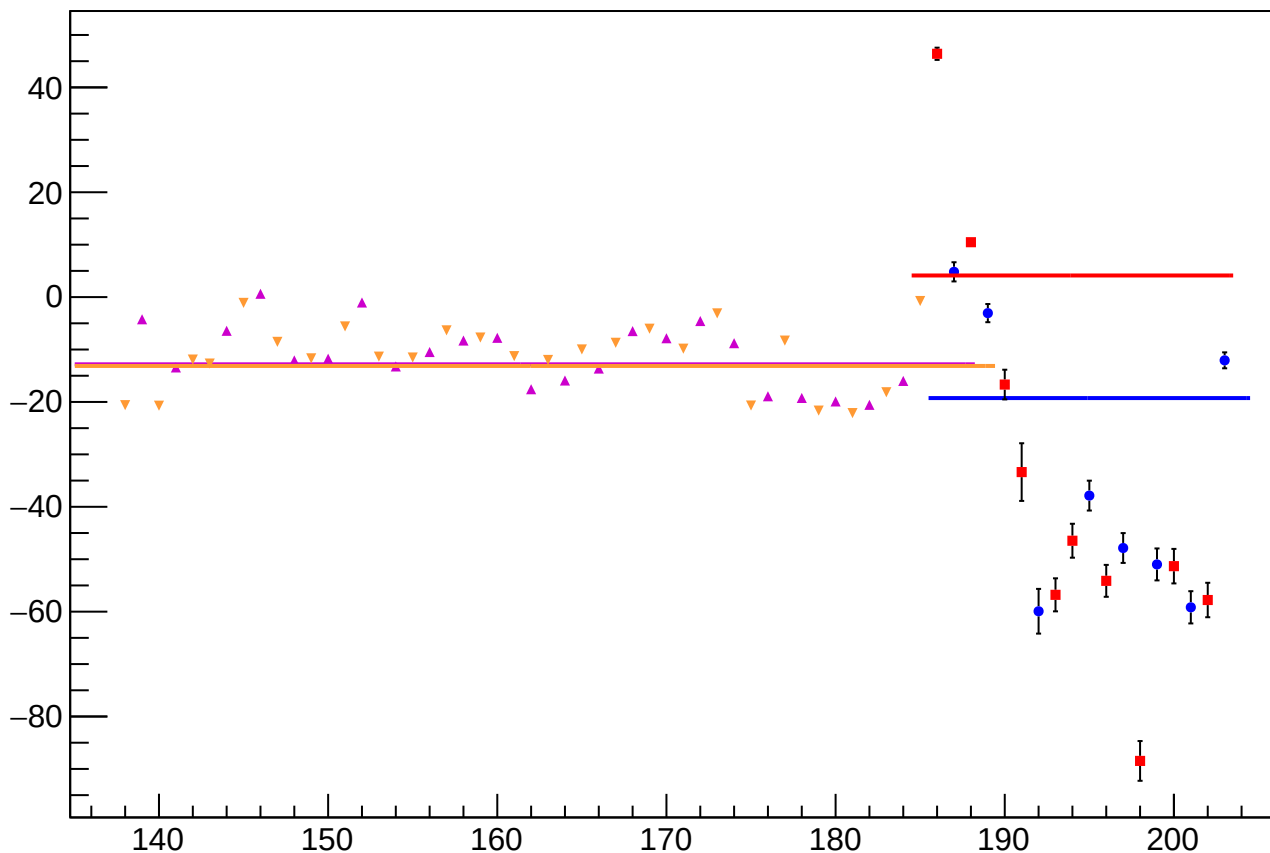
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.067 $\pm$ 0.020 χ^2 /NDF: 186.6/7
 Left Out: 0.302 $\pm$ 0.002 χ^2 /NDF:1589.8/24
 Right Out: 0.190 $\pm$ 0.019 χ^2 /NDF: 3918.1/9
 Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22

+ sign 0.300 $\pm$ 0.002 χ^2 /NDF: 1910.0/32
 All: 0.303 $\pm$ 0.001 χ^2 /NDF: 7587.9/65
 - sign 0.306 $\pm$ 0.002 χ^2 /NDF: 5674.0/32

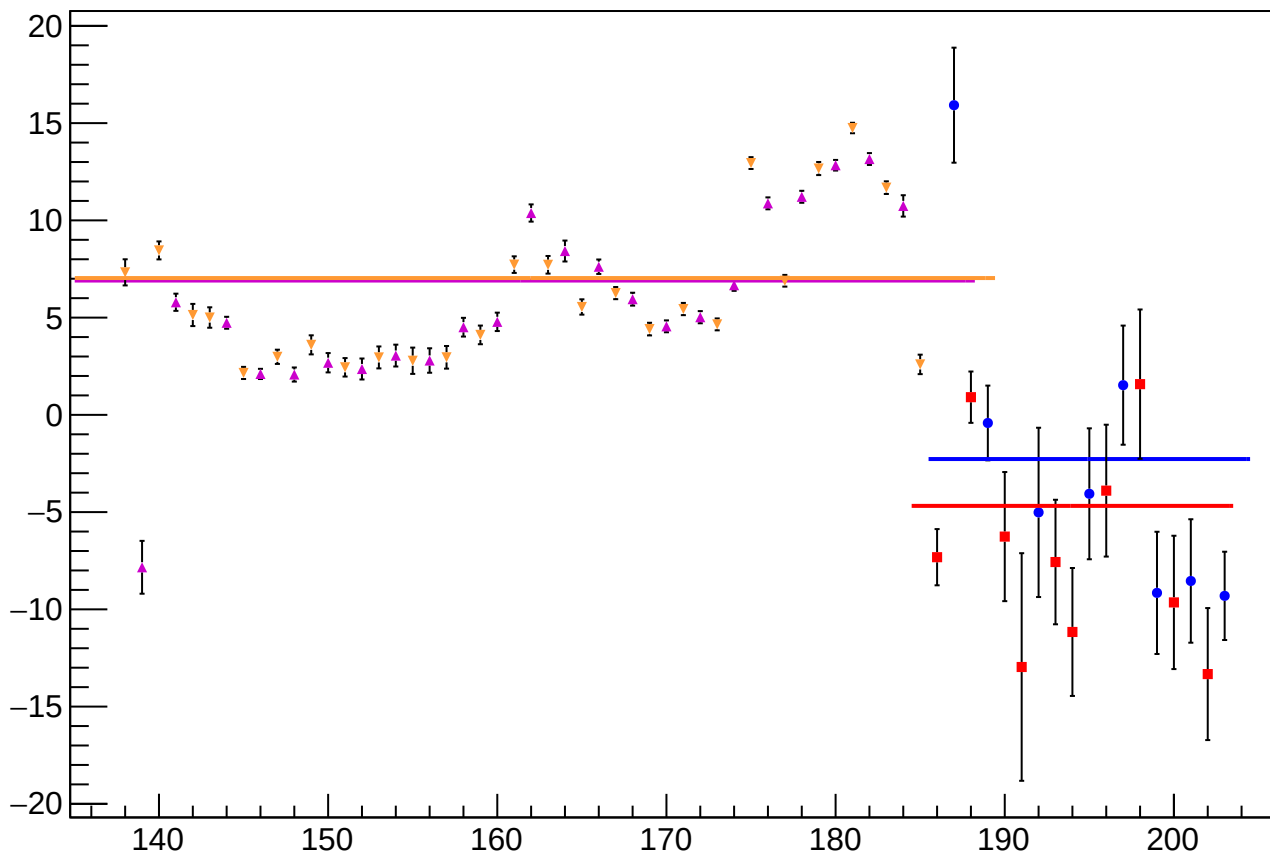
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -19.260 ± 0.796 χ^2/NDF : 794.7/7
 Left Out: -13.133 ± 0.094 χ^2/NDF : 5974.5/24
 Right Out: 4.124 ± 0.620 χ^2/NDF : 3680.4/9
 Left In: -12.823 ± 0.095 χ^2/NDF : 4841.5/22

+ sign -13.216 ± 0.093 χ^2/NDF : 6827.7/32
 All: -12.829 ± 0.066 χ^2/NDF : 16114.8/65
 - sign -12.436 ± 0.094 χ^2/NDF : 9252.2/32

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: -2.272 ± 0.987 $\chi^2/\text{NDF}: 59.3/7$

Left Out: 7.034 ± 0.077 $\chi^2/\text{NDF}: 2657.5/24$

Right Out: -4.680 ± 0.769 $\chi^2/\text{NDF}: 39.5/9$

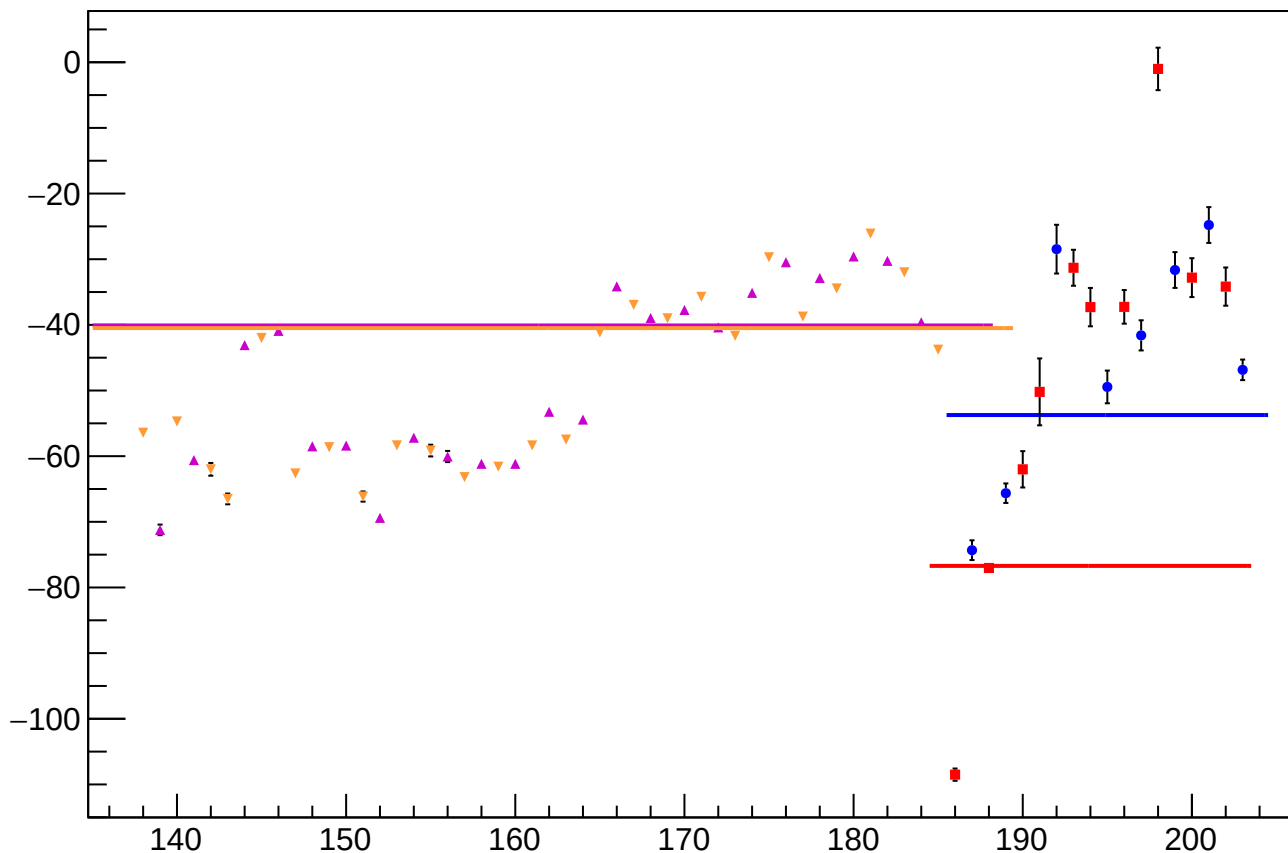
Left In: 6.906 ± 0.077 $\chi^2/\text{NDF}: 2442.8/22$

+ sign 6.977 ± 0.077 $\chi^2/\text{NDF}: 2805.2/32$

All: 6.884 ± 0.054 $\chi^2/\text{NDF}: 5515.1/65$

- sign 6.790 ± 0.077 $\chi^2/\text{NDF}: 2706.9/32$

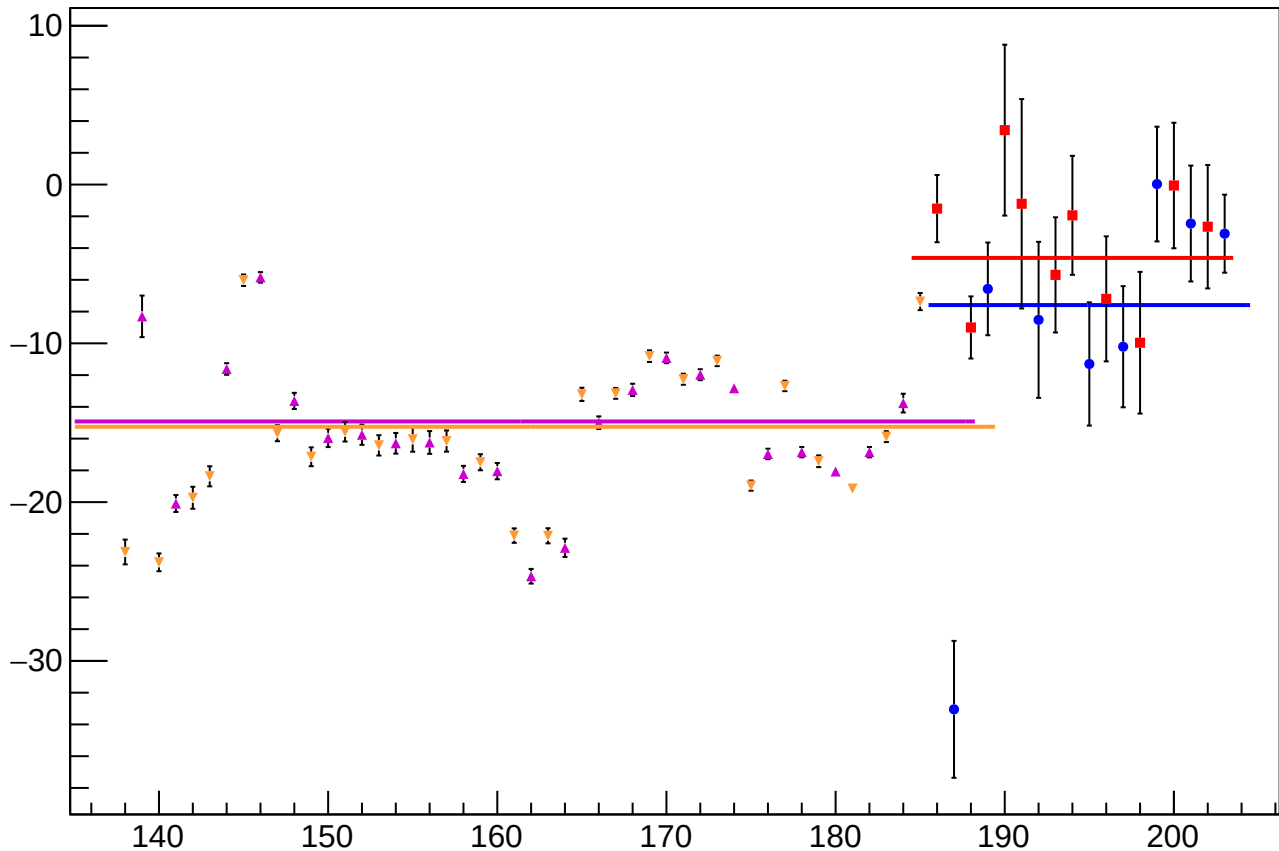
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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: -76.711 ± 0.512 $\chi^2/\text{NDF}: 2885.8/9$
 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: -41.022 ± 0.066 $\chi^2/\text{NDF}: 38256.2/65$
 - sign -41.316 ± 0.094 $\chi^2/\text{NDF}: 21931.2/32$

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: -4.620 ± 1.035 $\chi^2/\text{NDF}: 13.7/9$

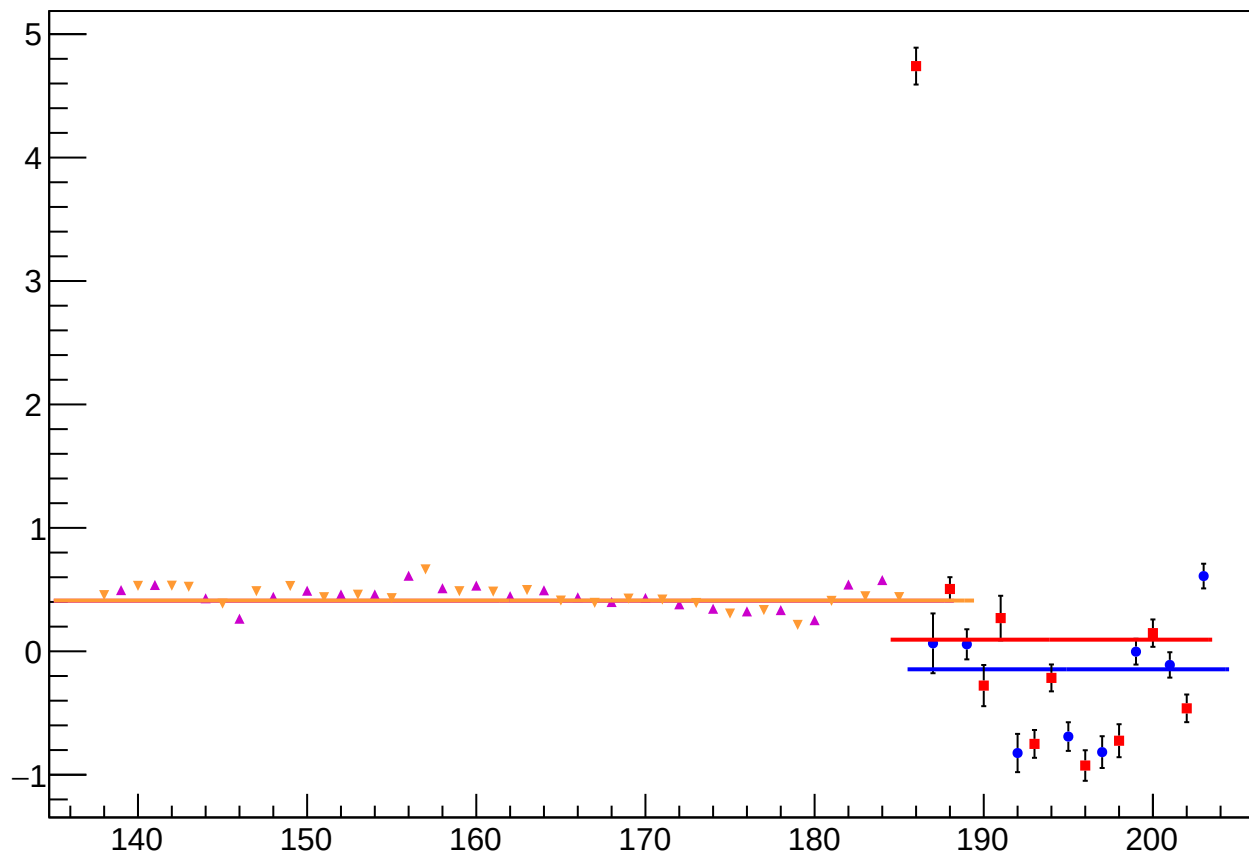
Left In: -14.919 ± 0.087 $\chi^2/\text{NDF}: 2207.7/22$

+ sign -15.217 ± 0.086 $\chi^2/\text{NDF}: 2679.5/32$

All: -15.033 ± 0.061 $\chi^2/\text{NDF}: 5008.6/65$

- sign -14.848 ± 0.086 $\chi^2/\text{NDF}: 2319.9/32$

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.146 ± 0.043 χ^2/NDF : 130.9/7

Left Out: 0.411 ± 0.004 χ^2/NDF : 428.8/24

Right Out: 0.094 ± 0.039 χ^2/NDF : 1186.6/9

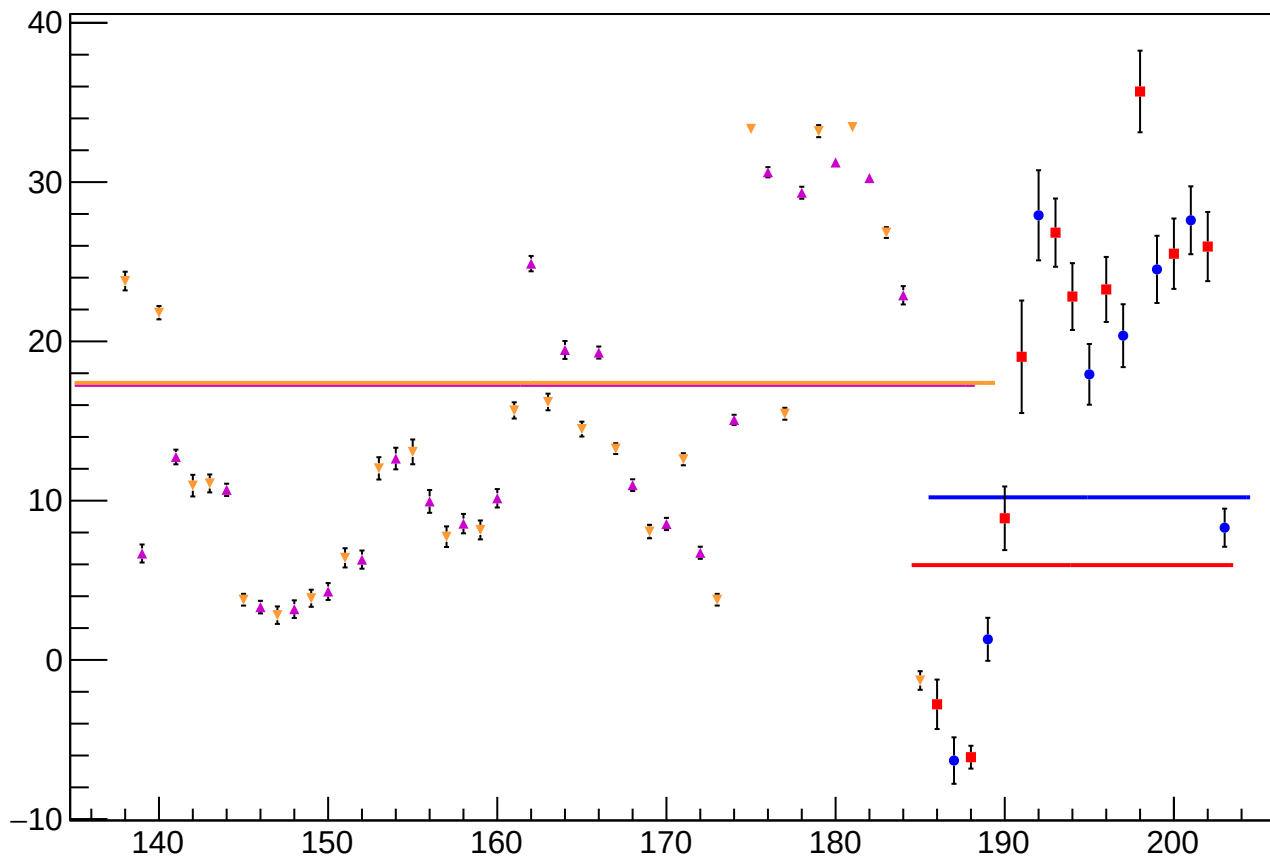
Left In: 0.409 ± 0.004 χ^2/NDF : 561.9/22

+ sign 0.407 ± 0.004 χ^2/NDF : 728.0/32

All: 0.406 ± 0.003 χ^2/NDF : 2542.0/65

- sign 0.406 ± 0.004 χ^2/NDF : 1814.0/32

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: 5.953 $\pm$ 0.503 χ^2 /NDF: 859.7/9

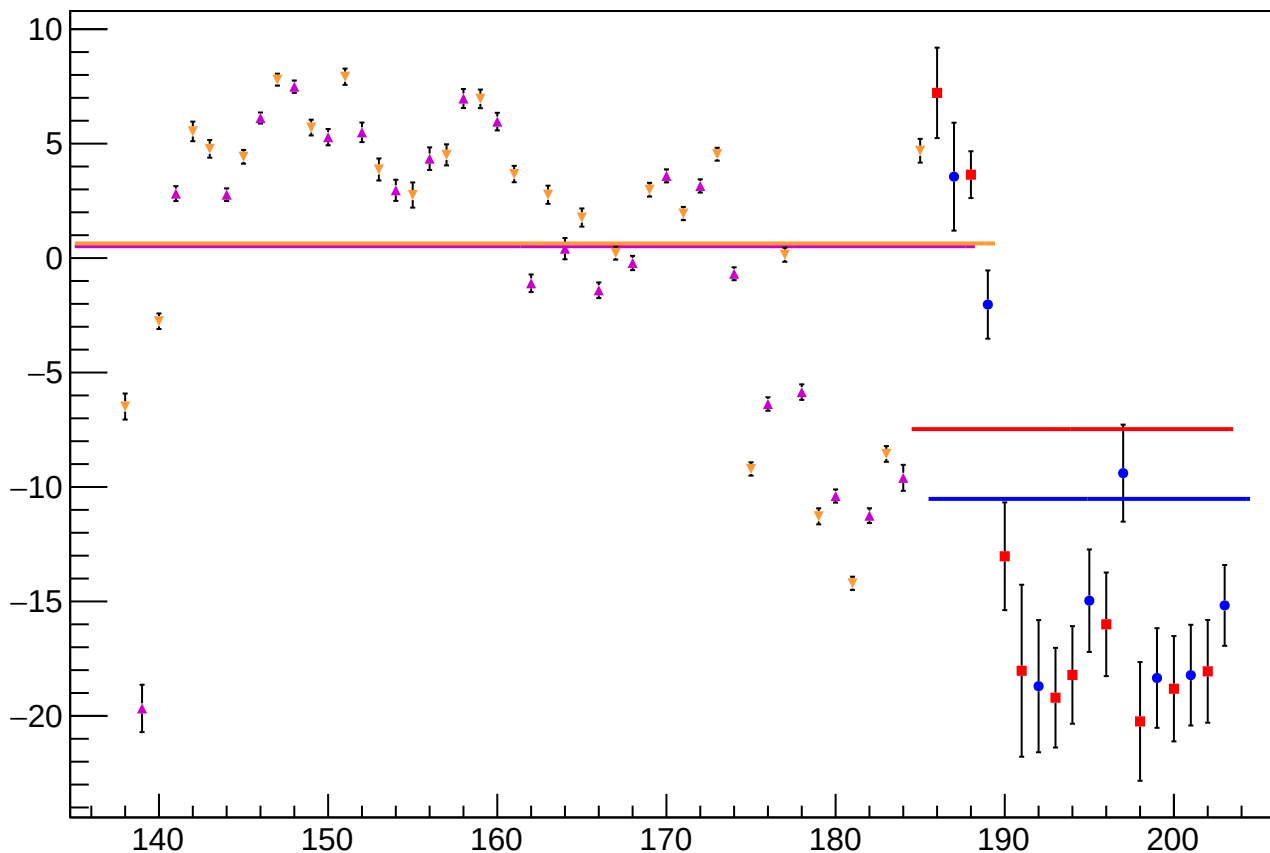
Left In: 17.271 $\pm$ 0.088 χ^2 /NDF:12892.2/22

+ sign 17.242 $\pm$ 0.086 χ^2 /NDF: 16817.3/32

All: 17.088 $\pm$ 0.061 χ^2 /NDF: 31065.8/65

- sign 16.932 $\pm$ 0.087 χ^2 /NDF: 14242.1/32

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: -7.473 ± 0.617 $\chi^2/\text{NDF}: 326.2/9$

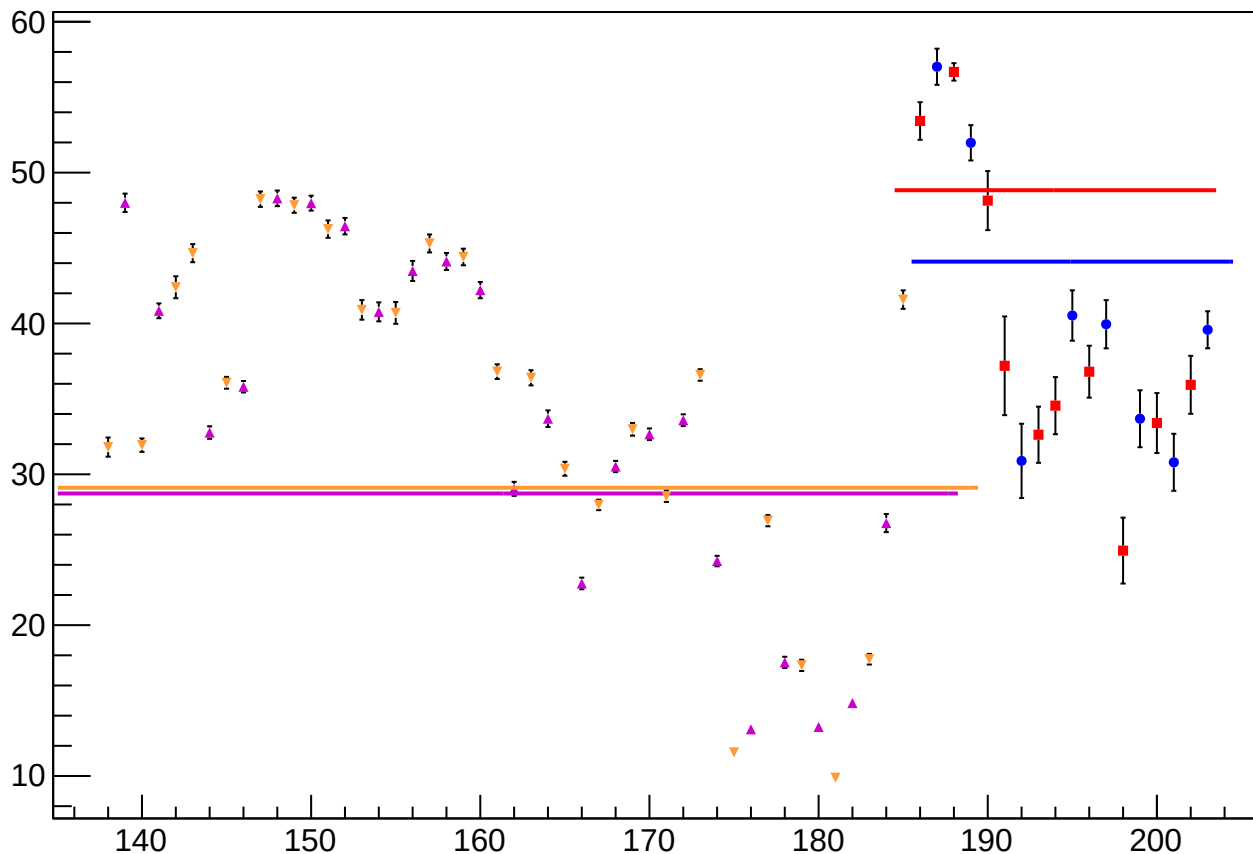
Left In: 0.519 ± 0.071 $\chi^2/\text{NDF}: 6776.8/22$

+ sign 0.537 ± 0.069 $\chi^2/\text{NDF}: 8863.0/32$

All: 0.477 ± 0.049 $\chi^2/\text{NDF}: 16133.1/65$

- sign 0.416 ± 0.070 $\chi^2/\text{NDF}: 7268.6/32$

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: 48.834 $\pm$ 0.422 χ^2 /NDF: 616.4/9

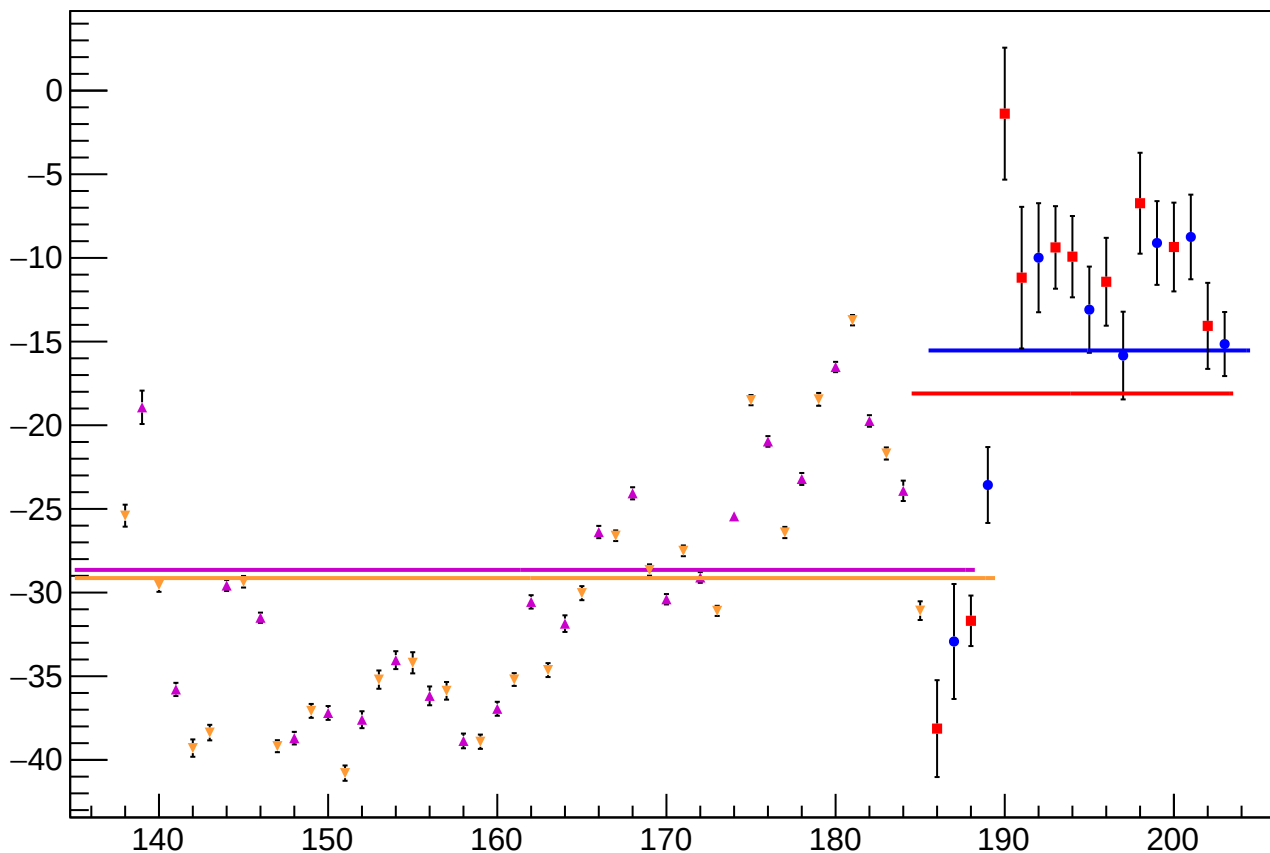
Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

+ sign 29.512 $\pm$ 0.087 χ^2 /NDF: 19920.0/32

All: 29.546 $\pm$ 0.061 χ^2 /NDF: 39750.2/65

- sign 29.581 $\pm$ 0.087 χ^2 /NDF: 19829.9/32

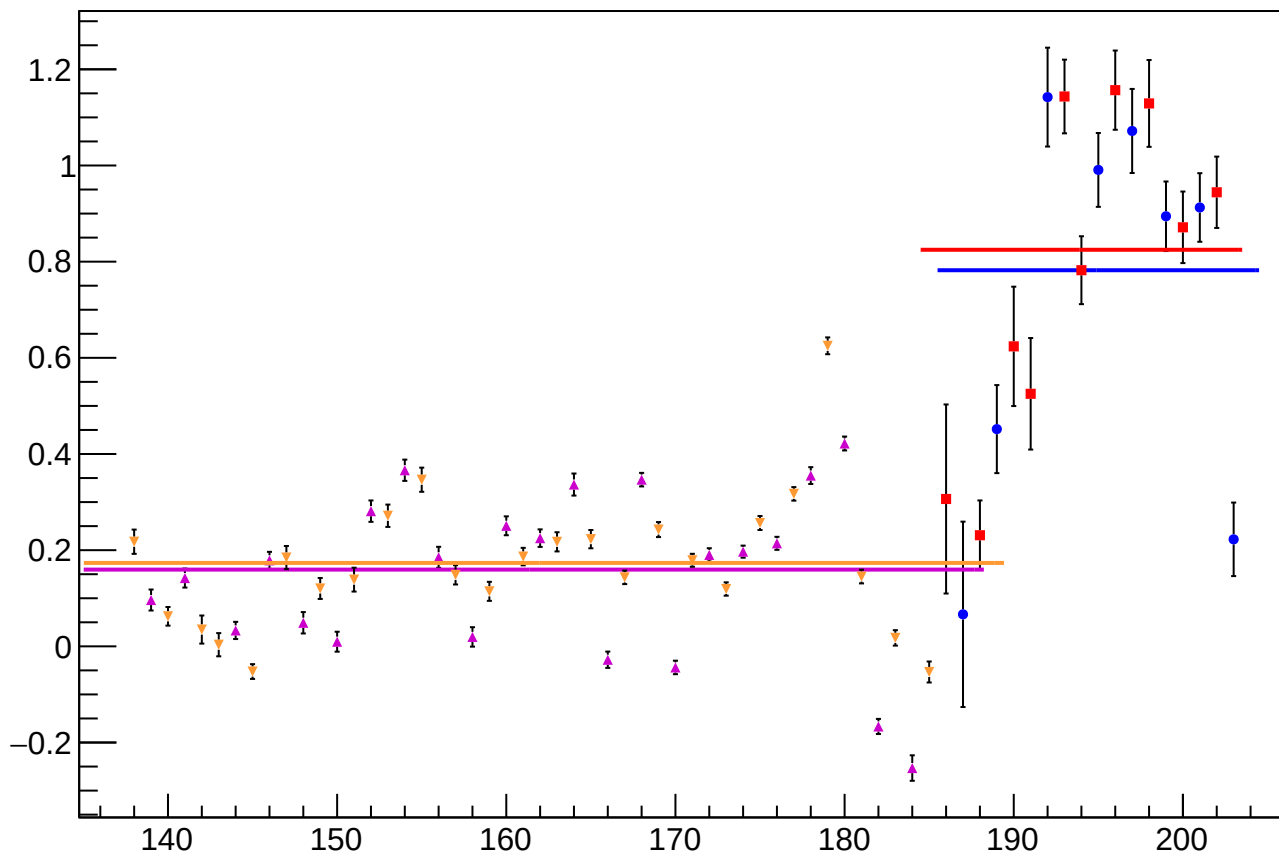
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -15.531 ± 0.891 χ^2/NDF : 55.8/7
 Left Out: -29.134 ± 0.078 χ^2/NDF : 8998.0/24
 Right Out: -18.102 ± 0.800 χ^2/NDF : 207.5/9
 Left In: -28.645 ± 0.080 χ^2/NDF : 6693.5/22

+ sign -29.030 ± 0.078 χ^2/NDF : 9284.9/32
 All: -28.789 ± 0.056 χ^2/NDF : 16376.9/65
 - sign -28.542 ± 0.079 χ^2/NDF : 7072.7/32

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: 0.825 ± 0.027 $\chi^2/\text{NDF}: 131.9/9$

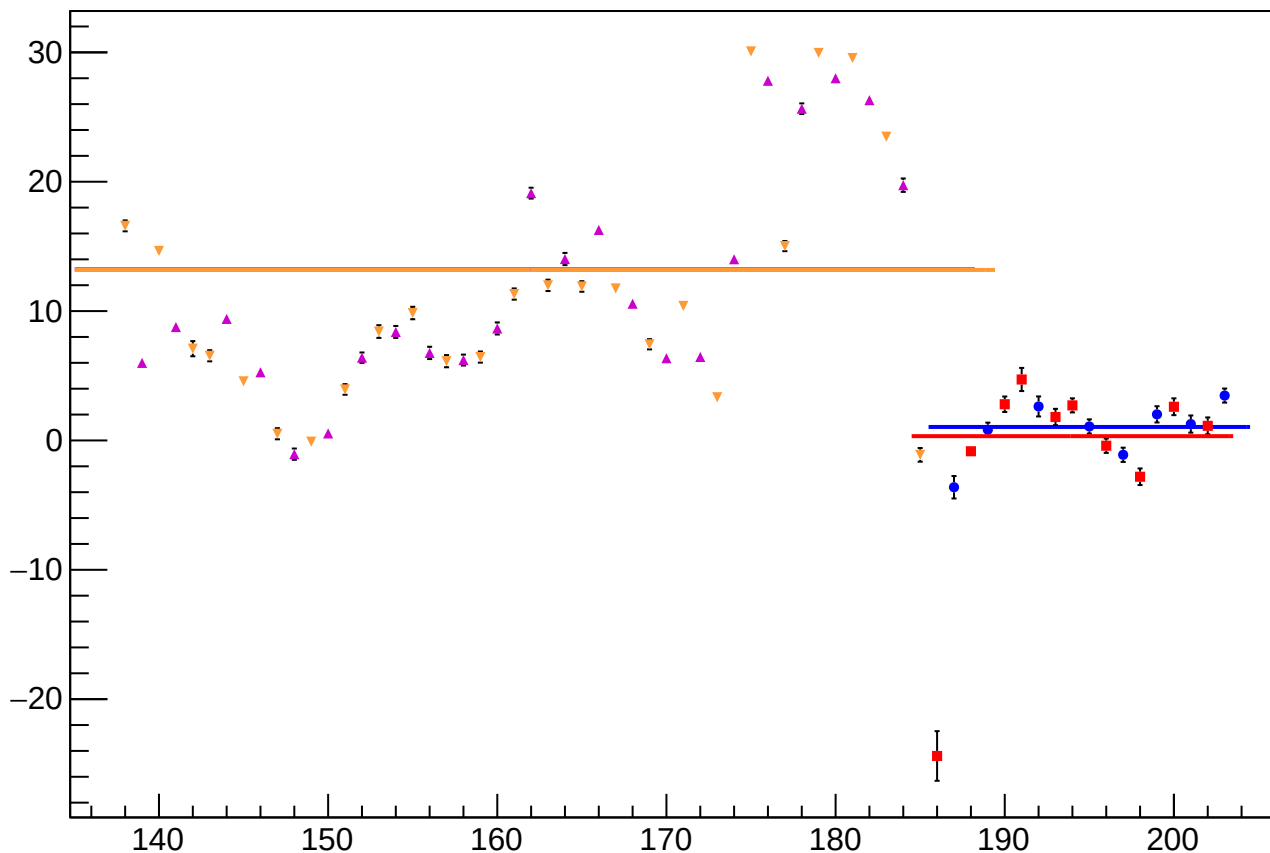
Left In: 0.160 ± 0.004 $\chi^2/\text{NDF}: 2063.7/22$

+ sign 0.182 ± 0.004 $\chi^2/\text{NDF}: 1987.5/32$

All: 0.177 ± 0.003 $\chi^2/\text{NDF}: 4778.3/65$

- sign 0.171 ± 0.004 $\chi^2/\text{NDF}: 2786.4/32$

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: 0.330+/-0.174 χ^2/NDF : 288.0/9

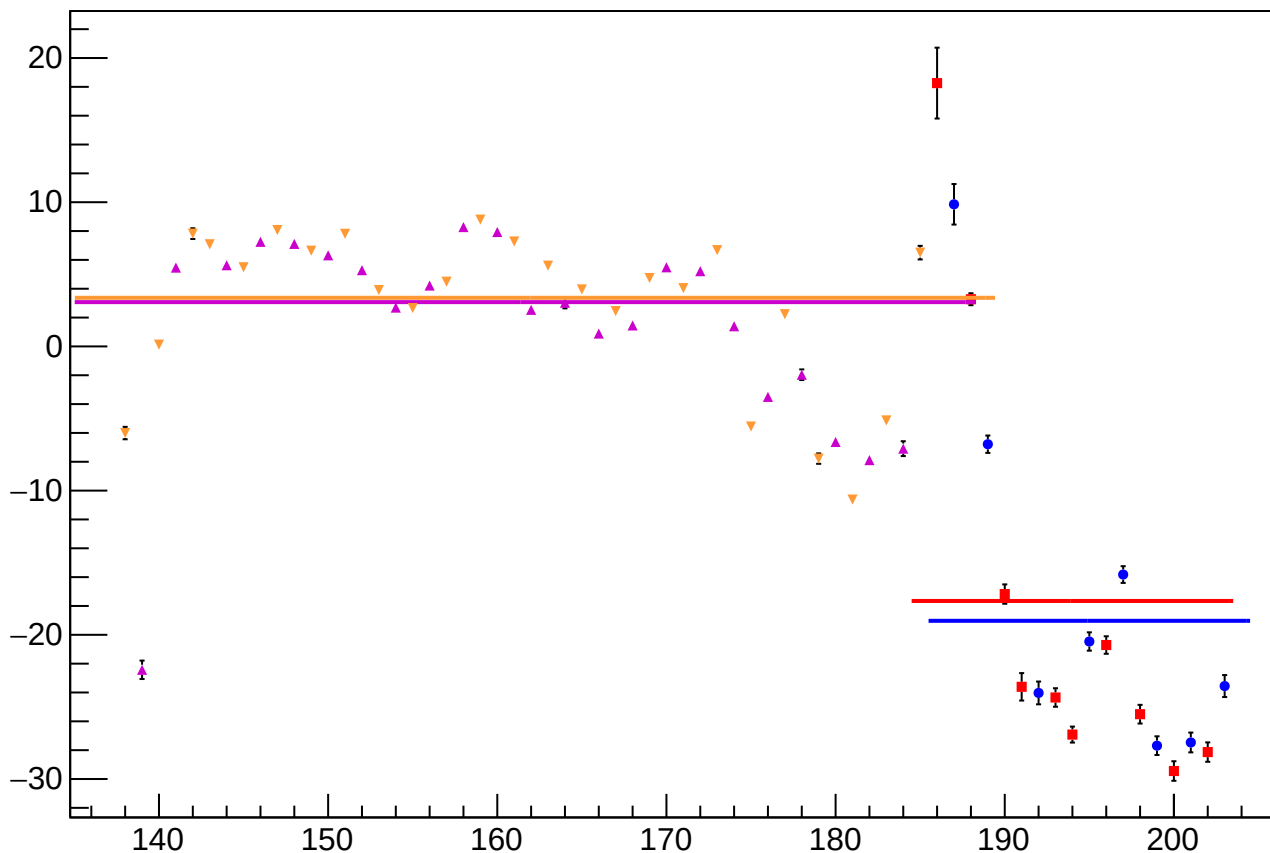
Left In: 13.228+/-0.077 χ^2/NDF :14126.1/22

+ sign 11.883+/-0.071 χ^2/NDF : 19882.8/32

All: 11.498+/-0.050 χ^2/NDF : 38972.6/65

- sign 11.125+/-0.070 χ^2/NDF : 19032.3/32

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -19.029 ± 0.246 $\chi^2/\text{NDF}: 1276.4/7$

Left Out: 3.372 ± 0.059 $\chi^2/\text{NDF}: 8053.7/24$

Right Out: -17.653 ± 0.202 $\chi^2/\text{NDF}: 3909.0/9$

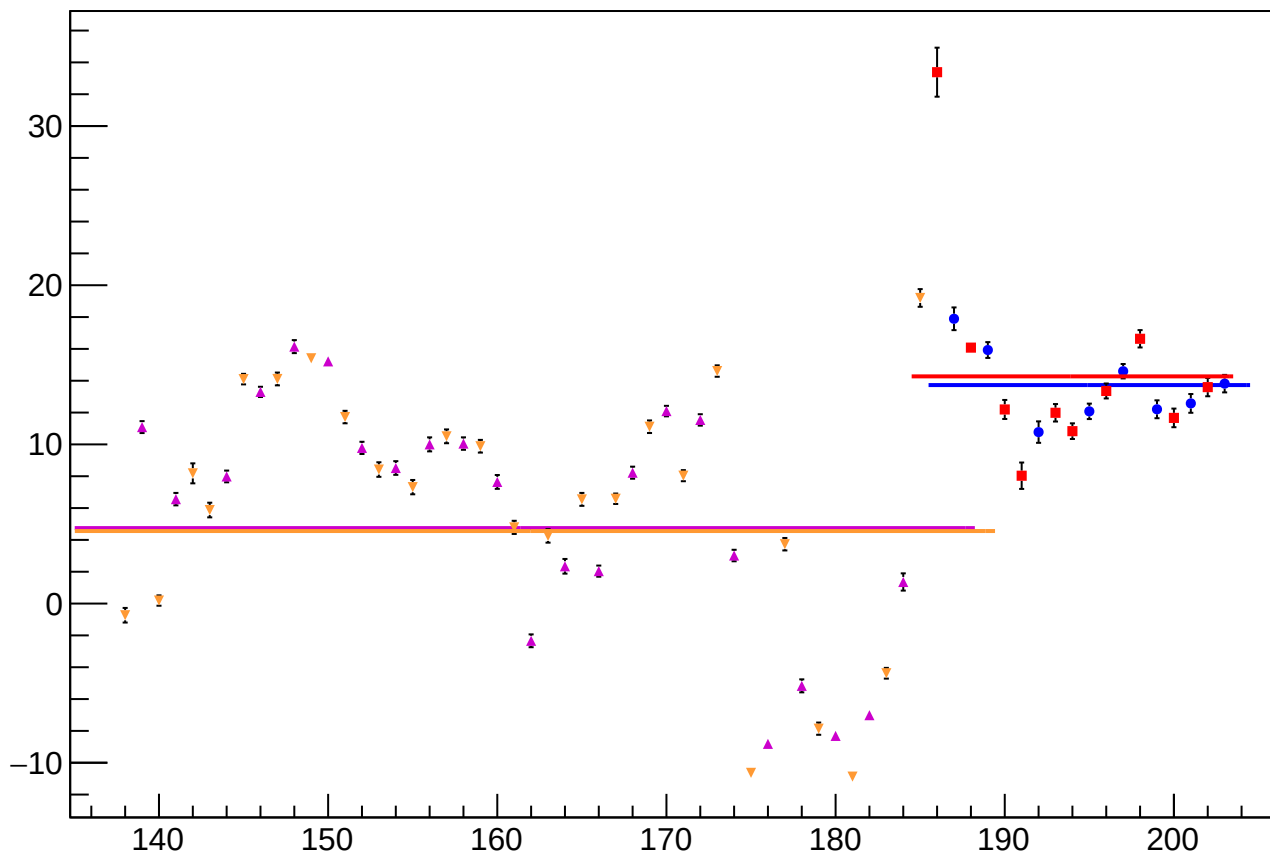
Left In: 3.071 ± 0.060 $\chi^2/\text{NDF}: 7269.0/22$

+ sign 2.170 ± 0.057 $\chi^2/\text{NDF}: 17187.2/32$

All: 1.777 ± 0.041 $\chi^2/\text{NDF}: 38115.9/65$

- sign 1.372 ± 0.058 $\chi^2/\text{NDF}: 20832.2/32$

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: 14.274 ± 0.149 $\chi^2/\text{NDF}: 395.3/9$

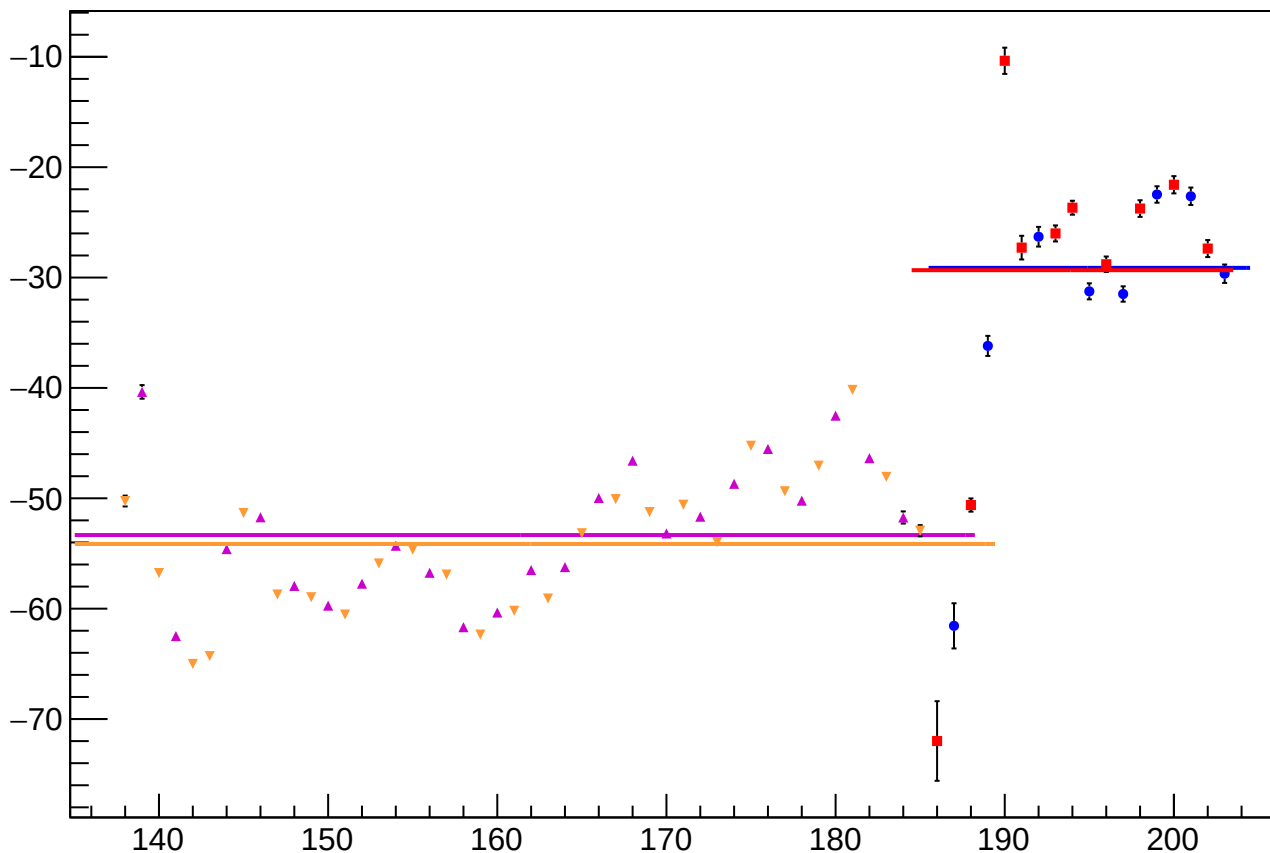
Left In: 4.741 ± 0.076 $\chi^2/\text{NDF}: 11418.2/22$

+ sign 5.770 ± 0.070 $\chi^2/\text{NDF}: 15636.5/32$

All: 6.265 ± 0.049 $\chi^2/\text{NDF}: 30789.3/65$

- sign 6.727 ± 0.068 $\chi^2/\text{NDF}: 15056.9/32$

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: -29.331 ± 0.250 $\chi^2/\text{NDF}: 1921.8/9$

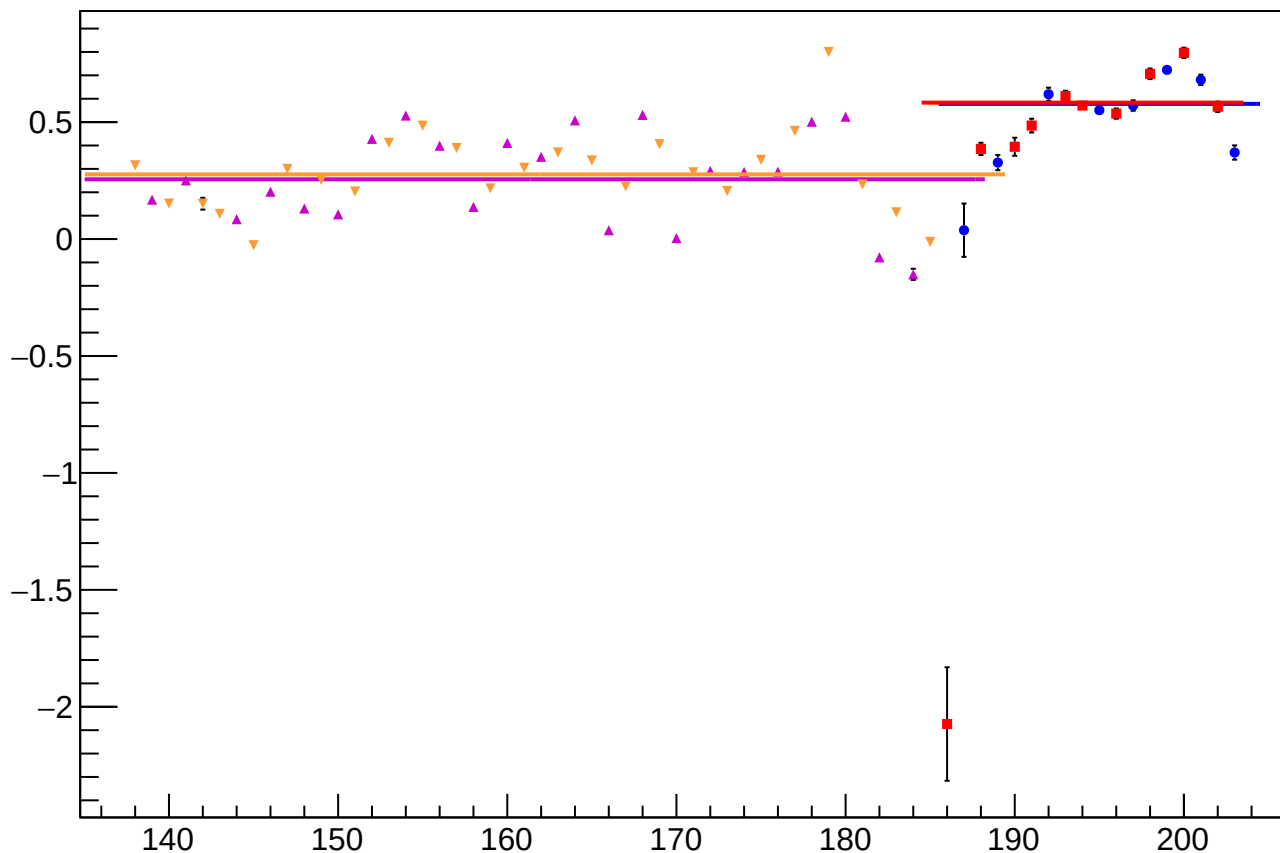
Left In: -53.330 ± 0.068 $\chi^2/\text{NDF}: 6940.2/22$

+ sign -52.926 ± 0.065 $\chi^2/\text{NDF}: 15639.4/32$

All: -52.307 ± 0.046 $\chi^2/\text{NDF}: 33239.6/65$

- sign -51.670 ± 0.066 $\chi^2/\text{NDF}: 17415.6/32$

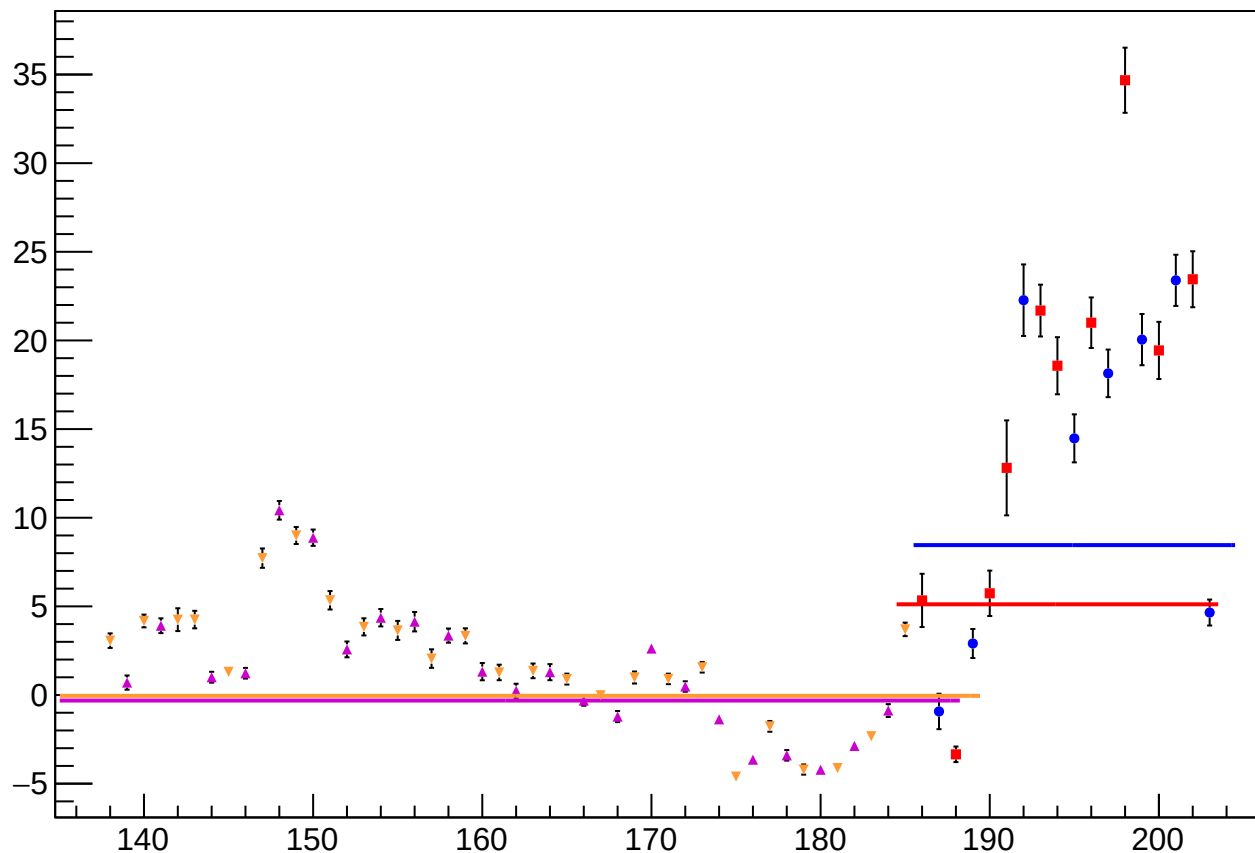
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.578 ± 0.009 $\chi^2/\text{NDF}: 198.9/7$
 Left Out: 0.277 ± 0.003 $\chi^2/\text{NDF}: 2606.0/24$
 Right Out: 0.583 ± 0.008 $\chi^2/\text{NDF}: 342.6/9$
 Left In: 0.256 ± 0.003 $\chi^2/\text{NDF}: 3644.0/22$

+ sign 0.306 ± 0.003 $\chi^2/\text{NDF}: 3761.5/32$
 All: 0.303 ± 0.002 $\chi^2/\text{NDF}: 9269.5/65$
 - sign 0.300 ± 0.003 $\chi^2/\text{NDF}: 5505.4/32$

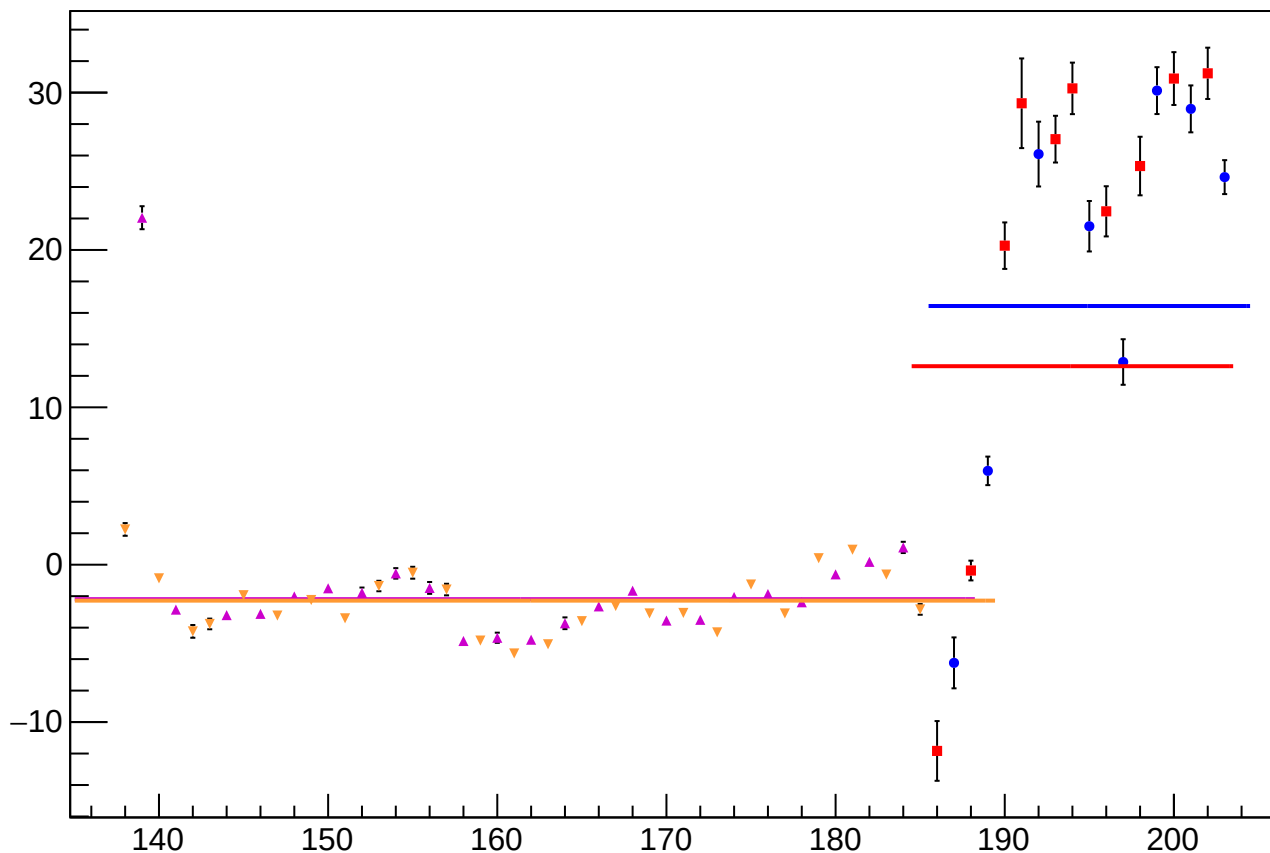
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 8.456 ± 0.387 $\chi^2/\text{NDF}: 451.3/7$
 Left Out: -0.046 ± 0.066 $\chi^2/\text{NDF}: 2628.9/24$
 Right Out: 5.117 ± 0.337 $\chi^2/\text{NDF}: 1175.2/9$
 Left In: -0.312 ± 0.067 $\chi^2/\text{NDF}: 2252.6/22$

+ sign 0.195 ± 0.065 $\chi^2/\text{NDF}: 3548.3/32$
 All: 0.046 ± 0.046 $\chi^2/\text{NDF}: 7236.4/65$
 - sign -0.105 ± 0.066 $\chi^2/\text{NDF}: 3677.6/32$

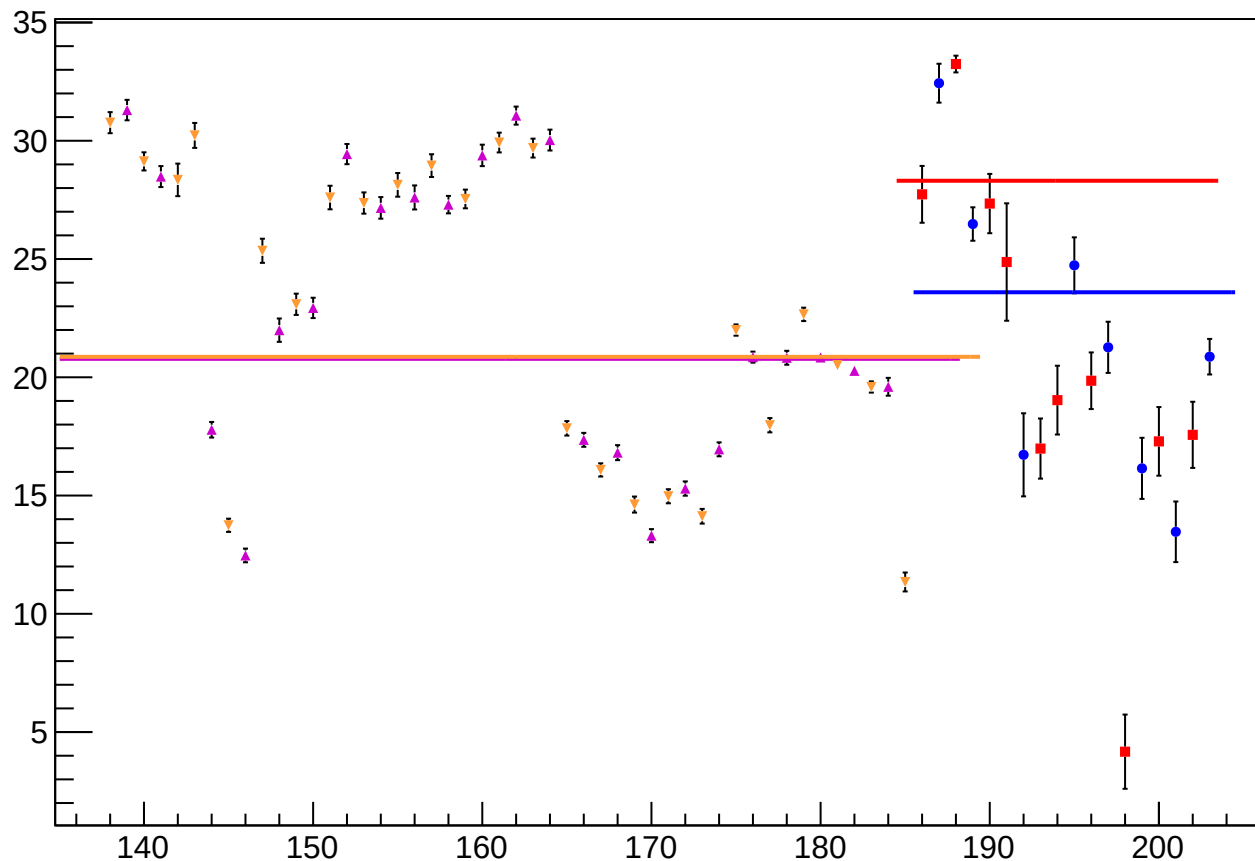
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 16.438 $\pm$ 0.473 χ^2/NDF : 580.7/7
 Left Out: -2.283 $\pm$ 0.054 χ^2/NDF : 1132.1/24
 Right Out: 12.614 $\pm$ 0.421 χ^2/NDF : 1199.3/9
 Left In: -2.190 $\pm$ 0.055 χ^2/NDF : 1785.1/22

+ sign -2.041 $\pm$ 0.054 χ^2/NDF : 3256.0/32
 All: -1.992 $\pm$ 0.038 χ^2/NDF : 7456.5/65
 - sign -1.942 $\pm$ 0.054 χ^2/NDF : 4198.8/32

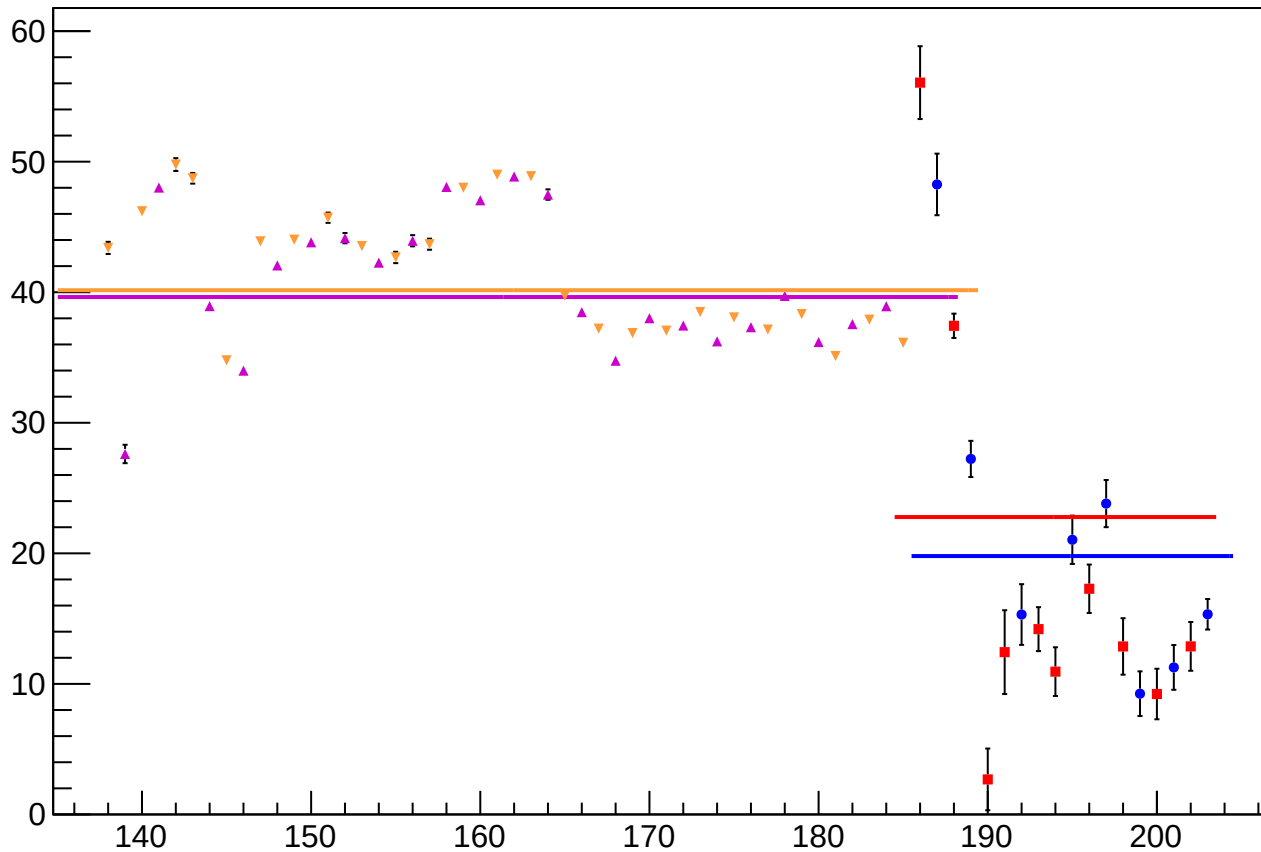
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 23.594 ± 0.346 $\chi^2/\text{NDF}: 262.0/7$
 Left Out: 20.865 ± 0.067 $\chi^2/\text{NDF}: 6608.4/24$
 Right Out: 28.309 ± 0.281 $\chi^2/\text{NDF}: 720.2/9$
 Left In: 20.780 ± 0.067 $\chi^2/\text{NDF}: 5988.0/22$

+ sign 20.963 ± 0.066 $\chi^2/\text{NDF}: 6930.3/32$
 All: 21.075 ± 0.046 $\chi^2/\text{NDF}: 14323.0/65$
 - sign 21.187 ± 0.065 $\chi^2/\text{NDF}: 7386.8/32$

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: 22.780 ± 0.554 χ^2/NDF : 646.4/9

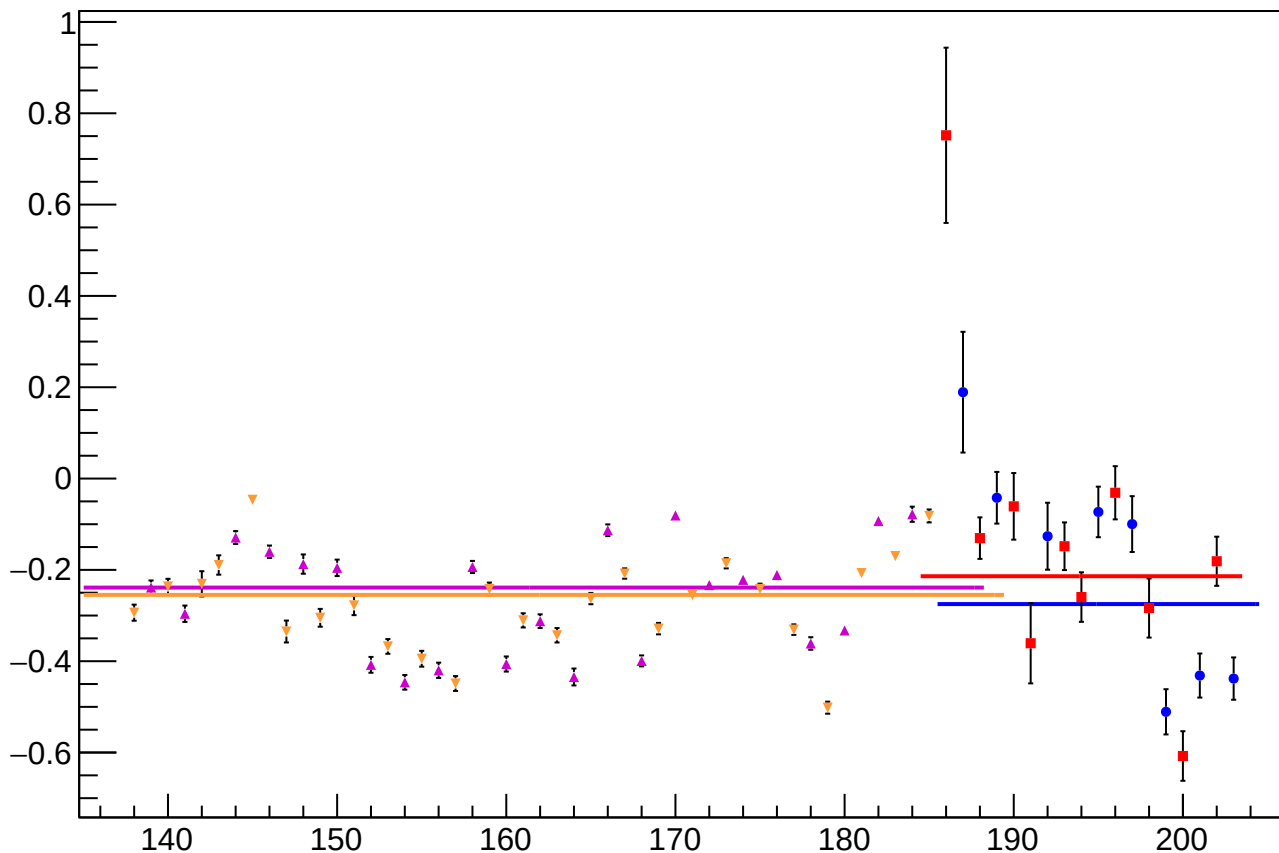
Left In: 39.632 ± 0.061 χ^2/NDF : 5343.3/22

+ sign 39.940 ± 0.060 χ^2/NDF : 7311.2/32

All: 39.688 ± 0.043 χ^2/NDF : 14251.3/65

- sign 39.429 ± 0.061 χ^2/NDF : 6904.3/32

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: -0.214 ± 0.019 χ^2/NDF : 102.1/9

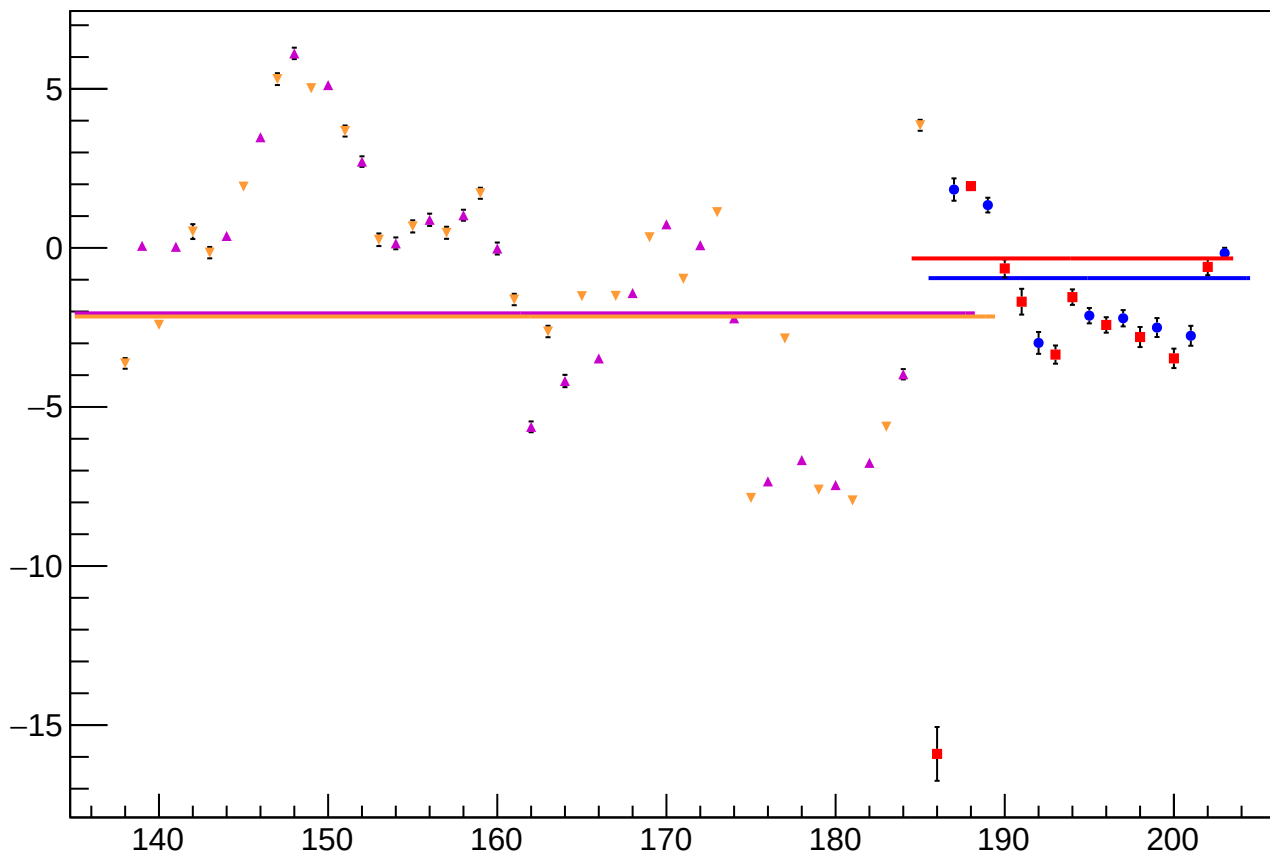
Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

+ sign -0.255 ± 0.003 χ^2/NDF : 1519.1/32

All: -0.247 ± 0.002 χ^2/NDF : 3392.0/65

- sign -0.238 ± 0.003 χ^2/NDF : 1853.8/32

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: -0.331 ± 0.074 χ^2/NDF : 1160.3/9

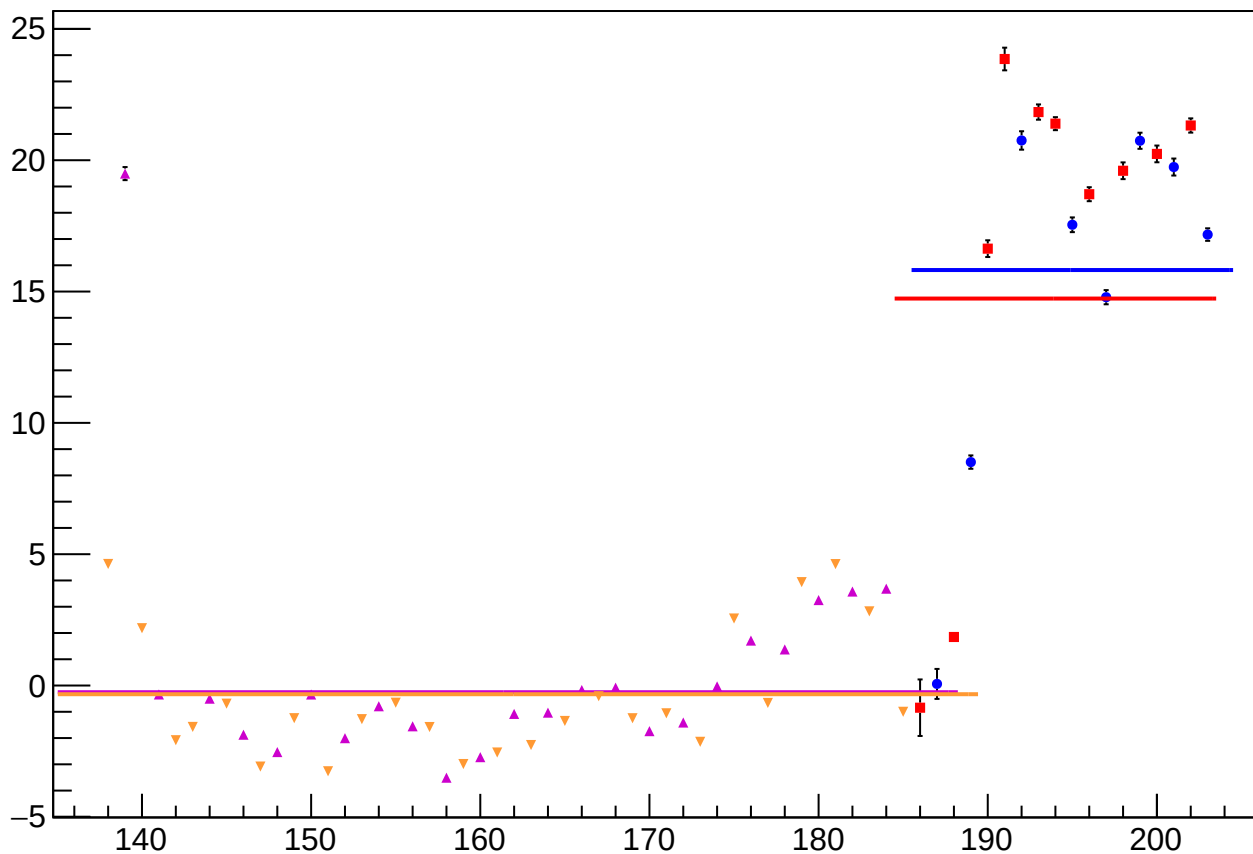
Left In: -2.058 ± 0.026 χ^2/NDF : 23343.8/22

+ sign -2.065 ± 0.025 χ^2/NDF : 24994.2/32

All: -1.965 ± 0.017 χ^2/NDF : 50019.6/65

- sign -1.868 ± 0.024 χ^2/NDF : 24993.1/32

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 15.819 ± 0.105 χ^2/NDF : 2274.3/7

Left Out: -0.331 ± 0.021 χ^2/NDF : 12552.3/24

Right Out: 14.733 ± 0.088 χ^2/NDF : 9730.0/9

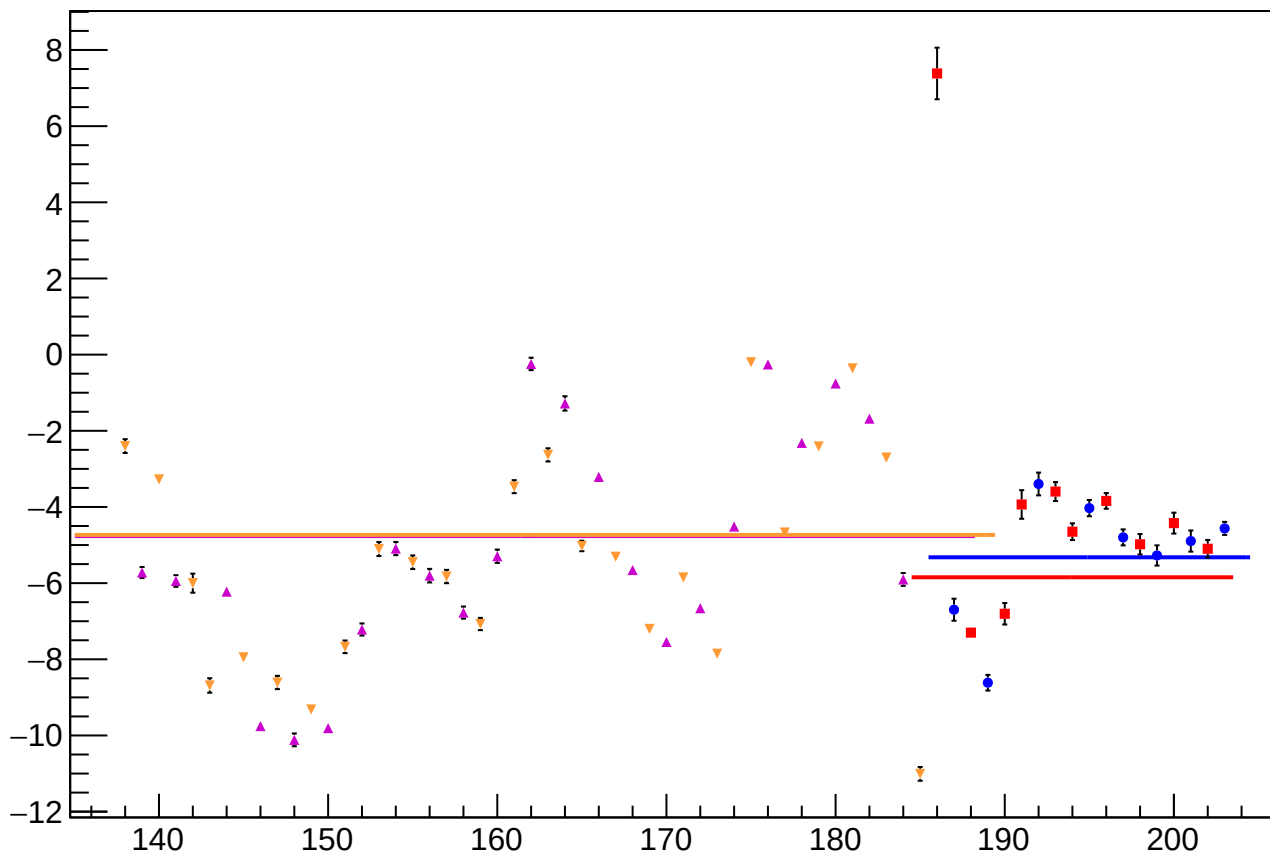
Left In: -0.255 ± 0.021 χ^2/NDF : 14162.0/22

+ sign 0.270 ± 0.020 χ^2/NDF : 37622.7/32

All: 0.409 ± 0.014 χ^2/NDF : 89254.4/65

- sign 0.549 ± 0.020 χ^2/NDF : 51536.8/32

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: -5.847 ± 0.063 χ^2/NDF : 940.7/9

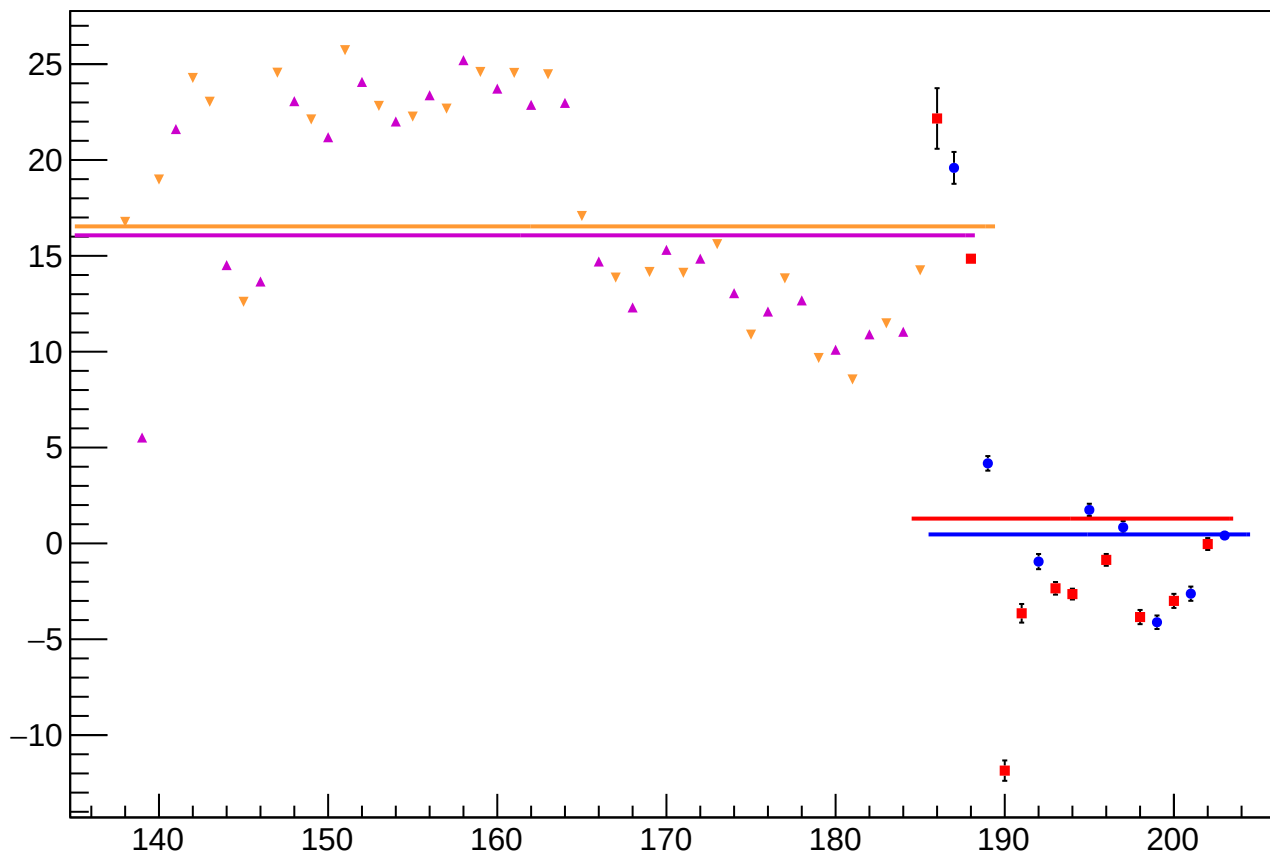
Left In: -4.764 ± 0.026 χ^2/NDF : 14163.2/22

+ sign -4.788 ± 0.025 χ^2/NDF : 13620.2/32

All: -4.858 ± 0.017 χ^2/NDF : 28994.0/65

- sign -4.923 ± 0.024 χ^2/NDF : 15358.4/32

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: 1.294 ± 0.109 $\chi^2/\text{NDF}: 4960.4/9$

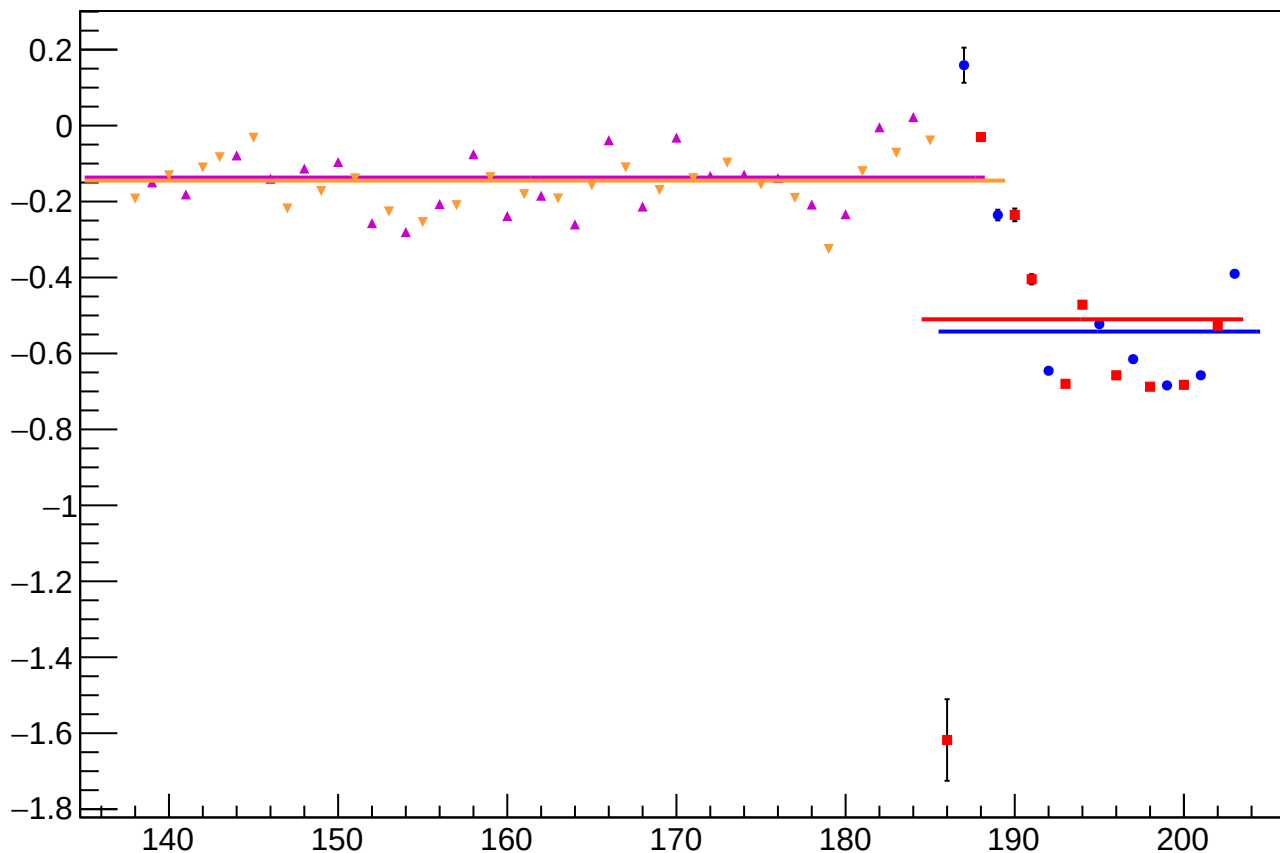
Left In: 16.069 ± 0.023 $\chi^2/\text{NDF}: 42736.3/22$

+ sign 16.003 ± 0.023 $\chi^2/\text{NDF}: 70375.8/32$

All: 15.712 ± 0.016 $\chi^2/\text{NDF}: 135889.6/65$

- sign 15.417 ± 0.023 $\chi^2/\text{NDF}: 65185.8/32$

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: -0.510 ± 0.003 χ^2/NDF : 3633.3/9

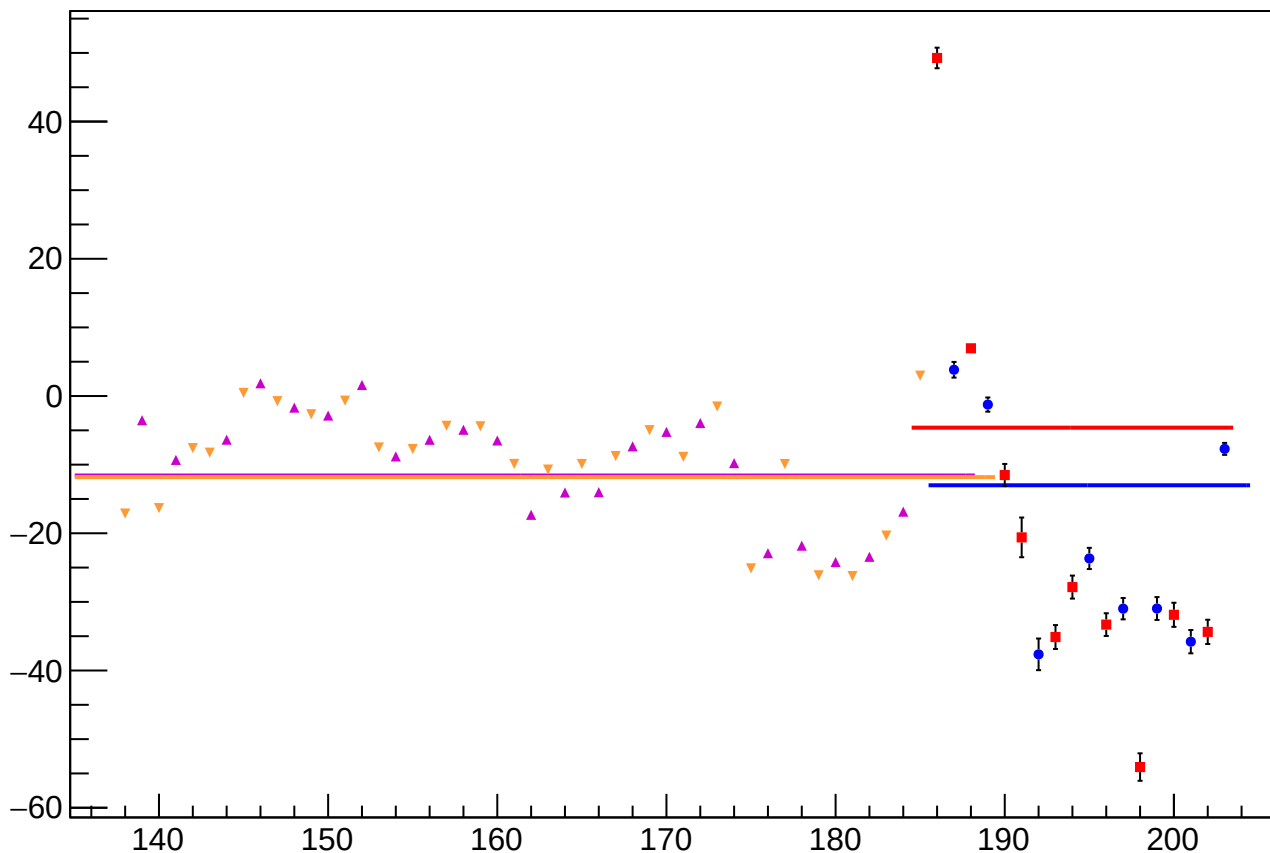
Left In: -0.137 ± 0.001 χ^2/NDF : 5383.4/22

+ sign -0.170 ± 0.001 χ^2/NDF : 14264.3/32

All: -0.170 ± 0.001 χ^2/NDF : 33914.1/65

- sign -0.169 ± 0.001 χ^2/NDF : 19649.0/32

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: -4.610 ± 0.396 $\chi^2/\text{NDF}: 3738.8/9$

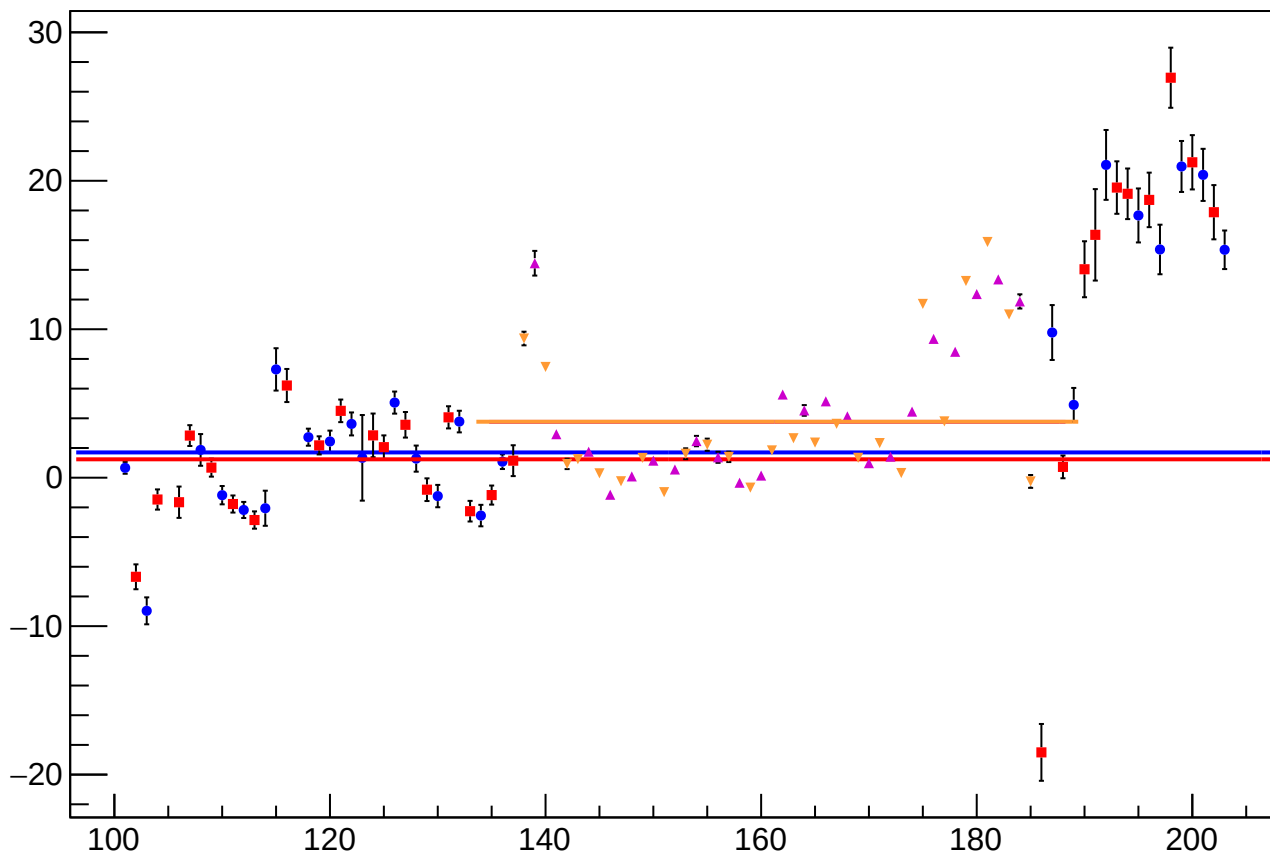
Left In: -11.580 ± 0.071 $\chi^2/\text{NDF}: 14243.6/22$

+ sign -11.850 ± 0.070 $\chi^2/\text{NDF}: 18258.8/32$

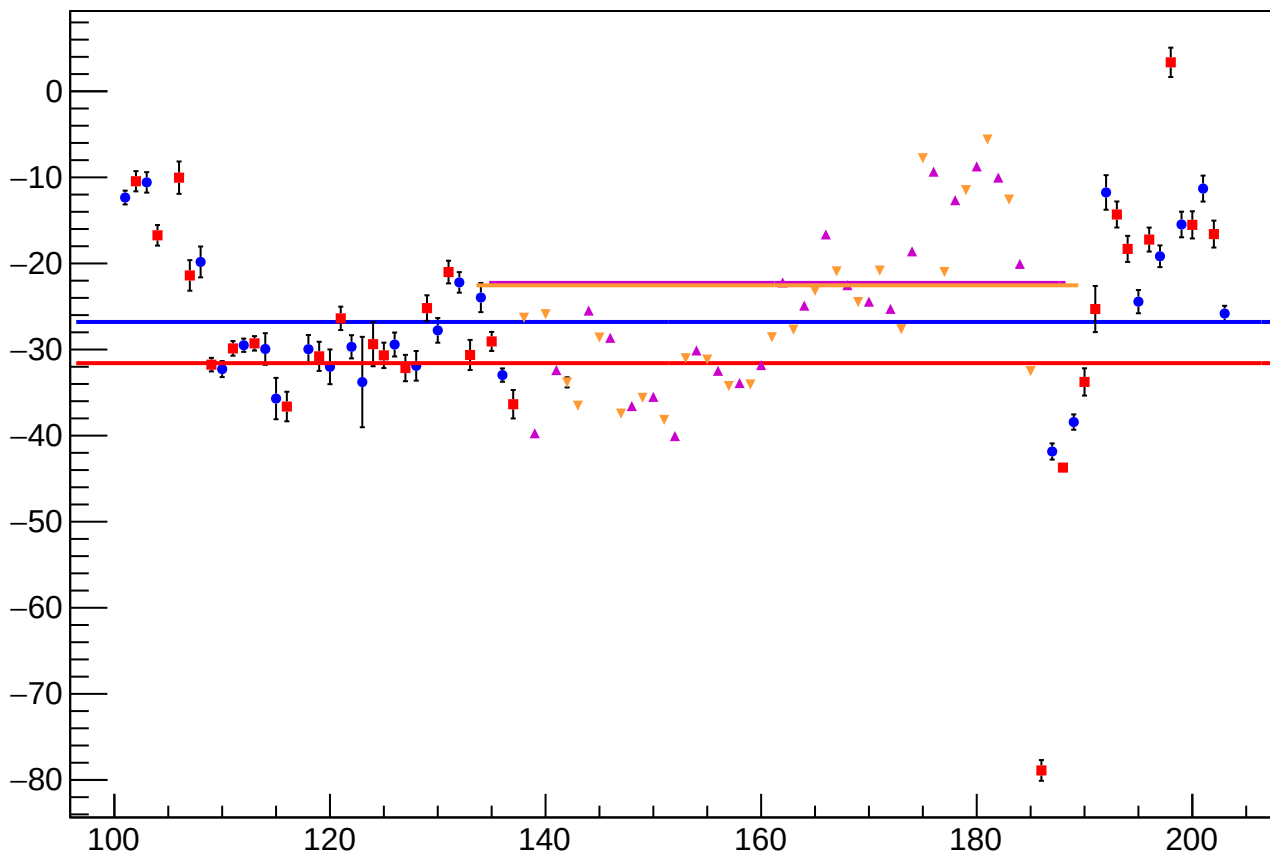
All: -11.608 ± 0.049 $\chi^2/\text{NDF}: 36564.9/65$

- sign -11.362 ± 0.070 $\chi^2/\text{NDF}: 18281.7/32$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



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: -31.580 ± 0.222 $\chi^2/\text{NDF}: 4035.6/27$

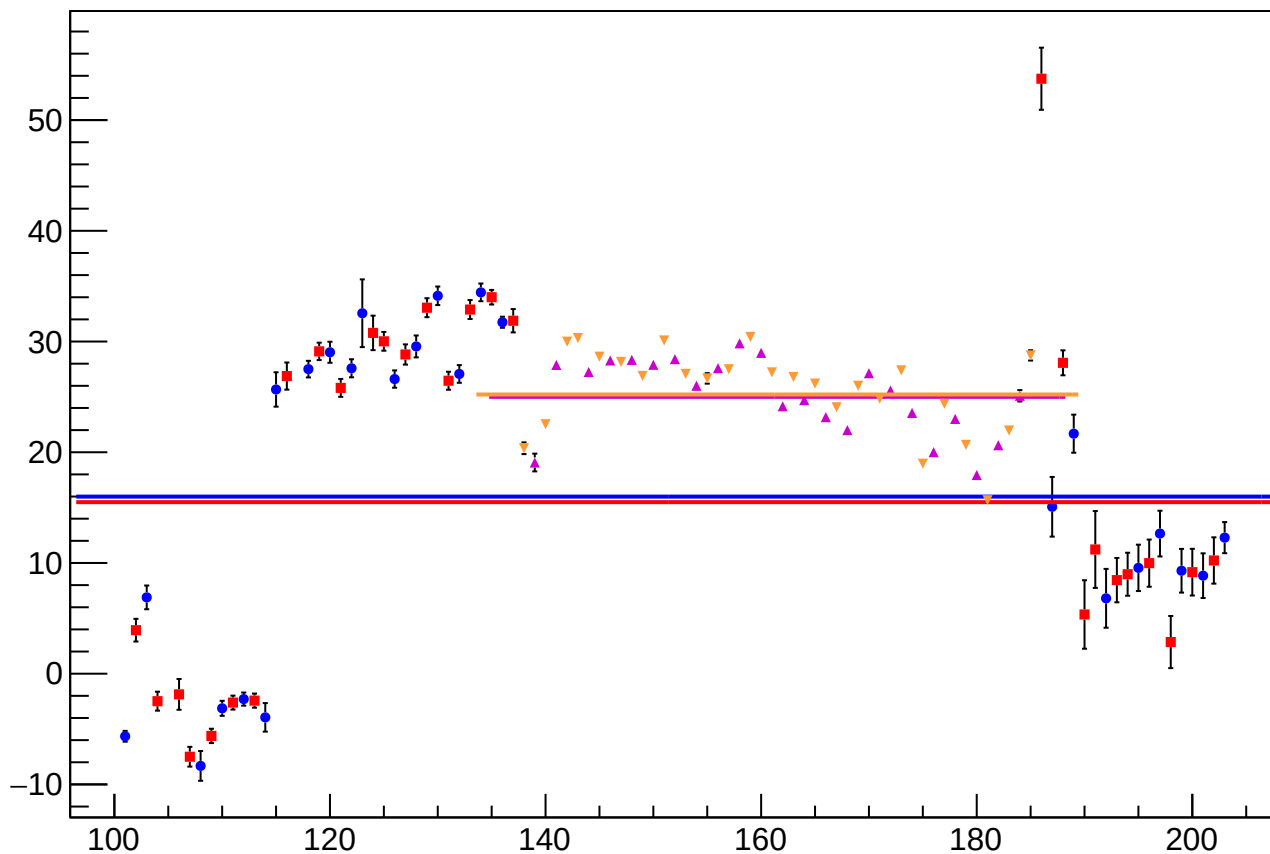
Left In: -22.258 ± 0.071 $\chi^2/\text{NDF}: 17838.4/22$

+ sign -22.876 ± 0.068 $\chi^2/\text{NDF}: 21424.3/49$

All: -23.004 ± 0.048 $\chi^2/\text{NDF}: 44906.9/100$

- sign -23.131 ± 0.068 $\chi^2/\text{NDF}: 23475.5/50$

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: 15.494 $\pm$ 0.188 χ^2 /NDF: 7665.9/27

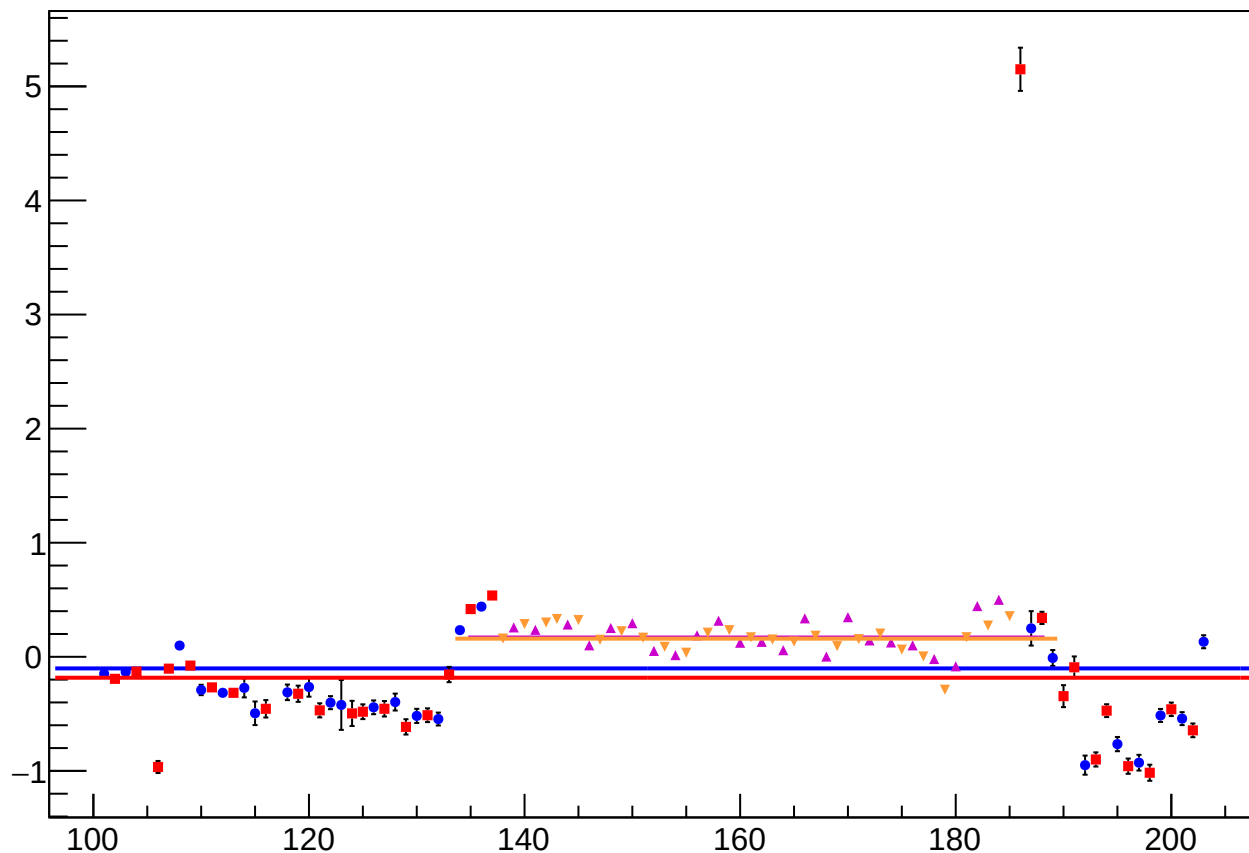
Left In: 25.005 $\pm$ 0.064 χ^2 /NDF: 2733.7/22

+ sign 24.257 $\pm$ 0.059 χ^2 /NDF: 13664.8/49

All: 24.146 $\pm$ 0.042 χ^2 /NDF: 26360.9/100

- sign 24.031 $\pm$ 0.060 χ^2 /NDF: 12689.0/50

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.102 ± 0.009 $\chi^2/\text{NDF}: 1550.1/24$

Left Out: 0.159 ± 0.003 $\chi^2/\text{NDF}: 1856.8/24$

Right Out: -0.183 ± 0.009 $\chi^2/\text{NDF}: 2594.8/27$

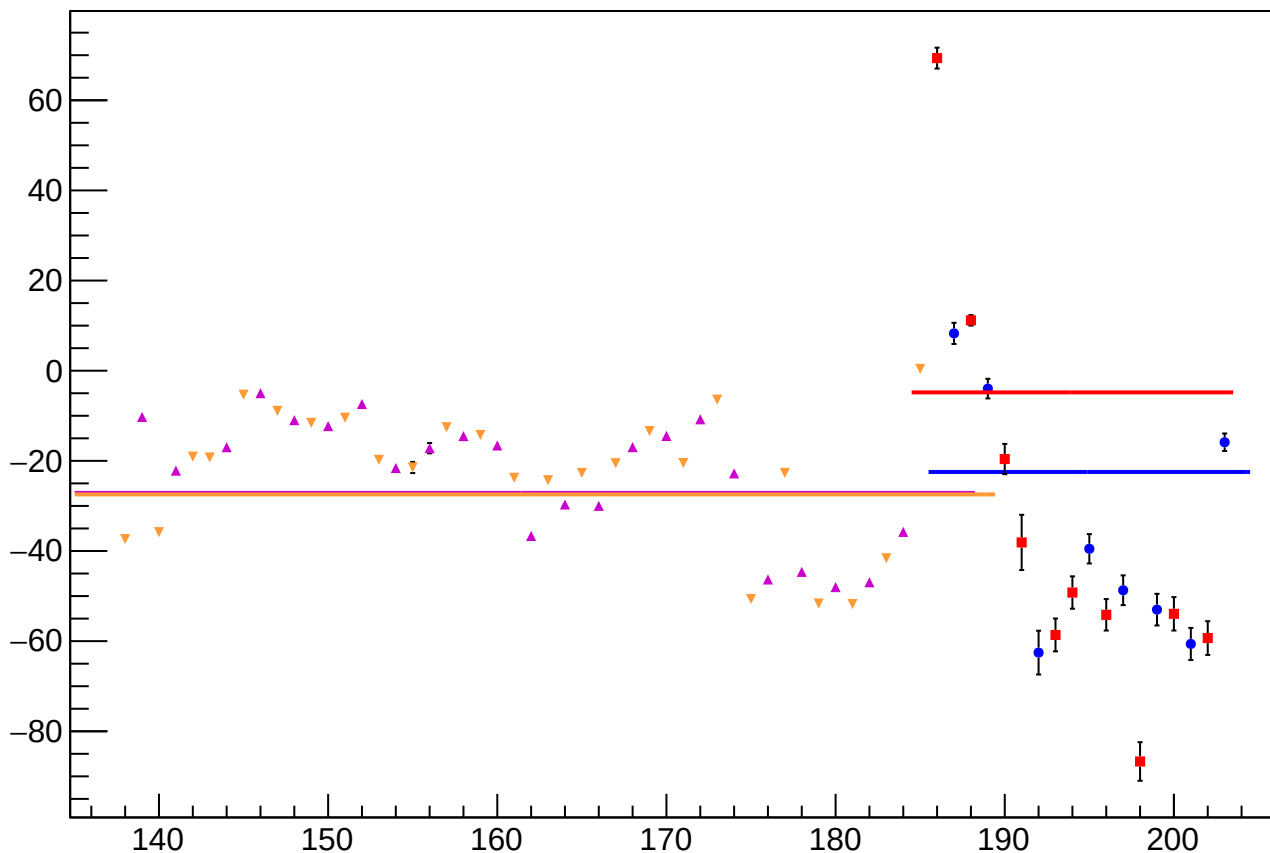
Left In: 0.169 ± 0.003 $\chi^2/\text{NDF}: 2430.7/22$

+ sign 0.137 ± 0.003 $\chi^2/\text{NDF}: 4102.8/49$

All: 0.138 ± 0.002 $\chi^2/\text{NDF}: 10423.2/100$

- sign 0.138 ± 0.003 $\chi^2/\text{NDF}: 6320.3/50$

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: -4.810 ± 0.823 χ^2/NDF : 2586.4/9

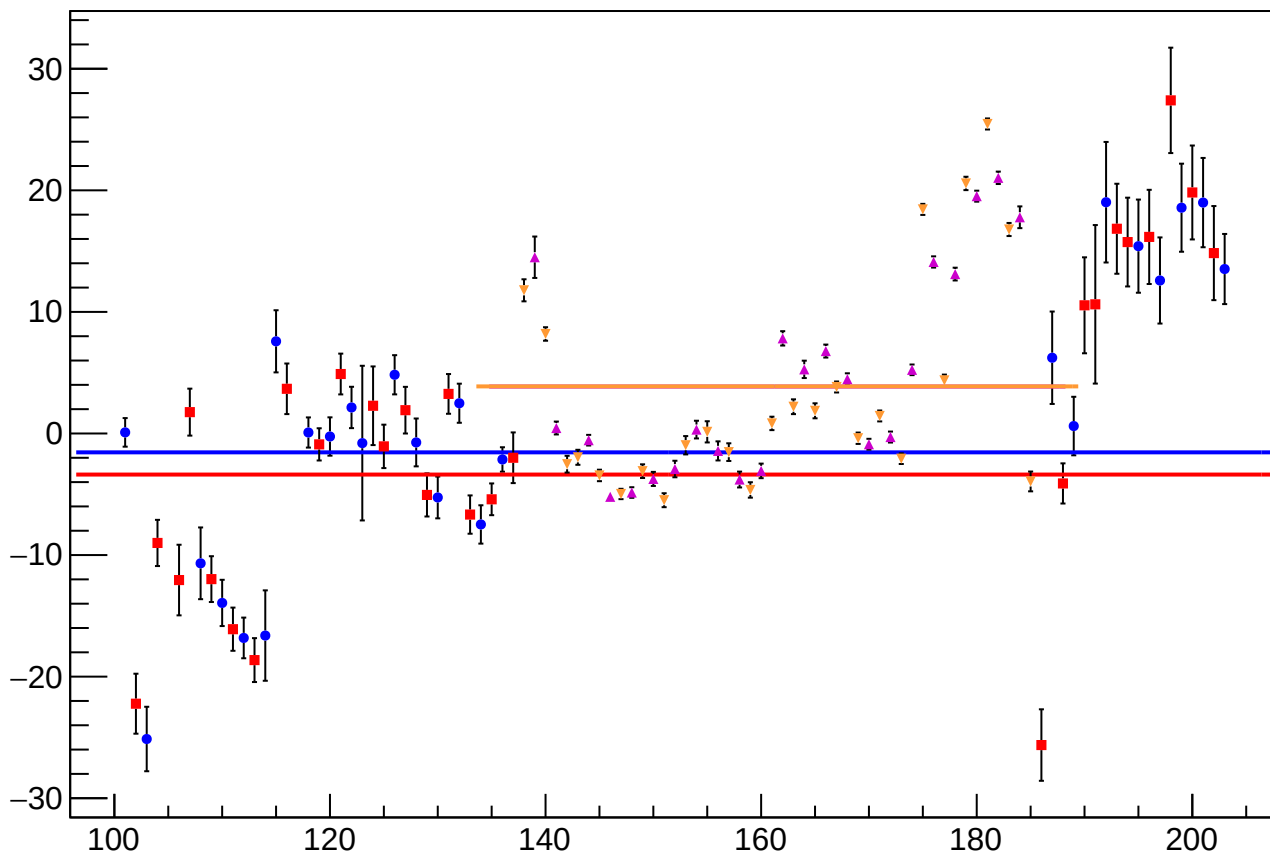
Left In: -27.114 ± 0.139 χ^2/NDF : 11443.8/22

+ sign -27.351 ± 0.136 χ^2/NDF : 15450.3/32

All: -26.928 ± 0.096 χ^2/NDF : 30214.4/65

- sign -26.498 ± 0.137 χ^2/NDF : 14744.6/32

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -1.552 ± 0.386 $\chi^2/\text{NDF}: 441.2/24$

Left Out: 3.873 ± 0.109 $\chi^2/\text{NDF}: 6906.0/24$

Right Out: -3.379 ± 0.394 $\chi^2/\text{NDF}: 568.9/27$

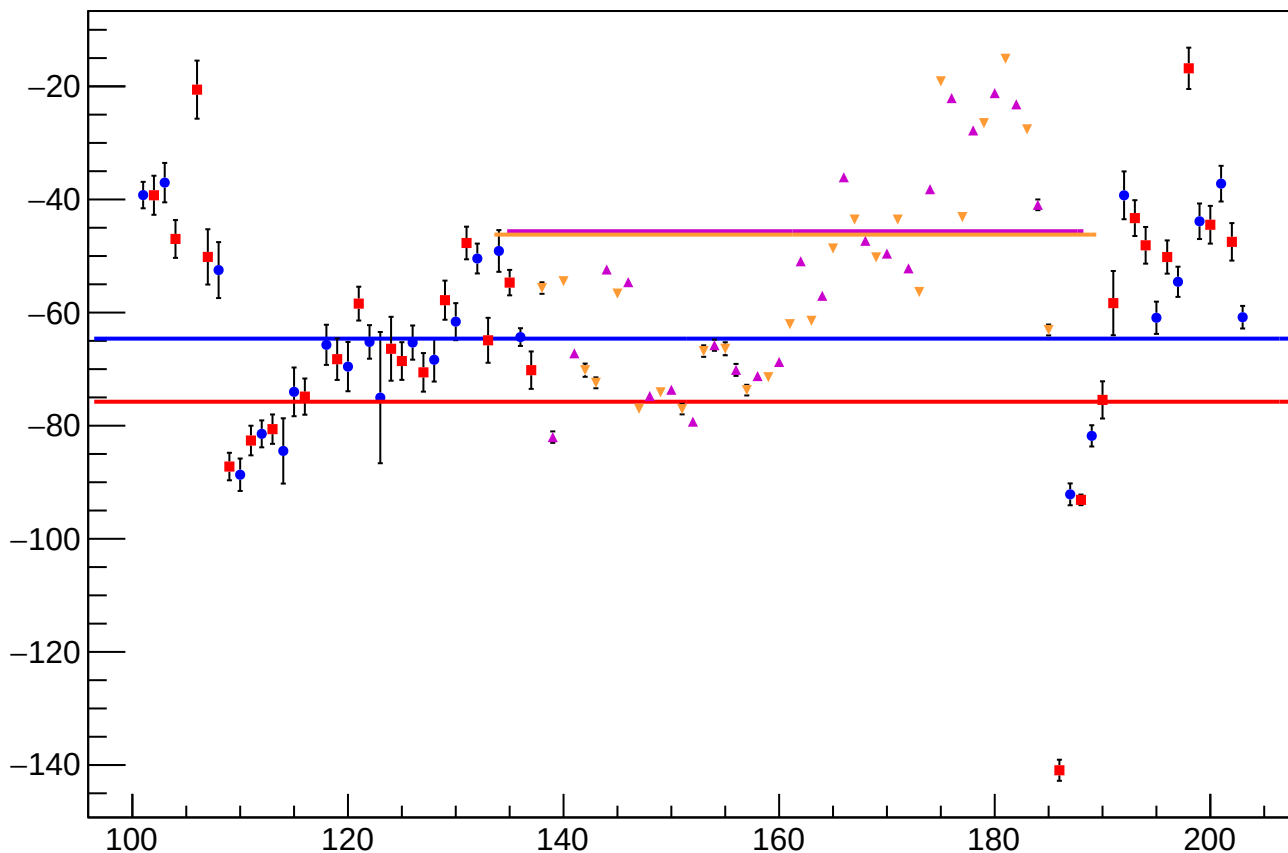
Left In: 3.861 ± 0.111 $\chi^2/\text{NDF}: 5438.4/22$

+ sign 3.468 ± 0.105 $\chi^2/\text{NDF}: 7530.3/49$

All: 3.400 ± 0.075 $\chi^2/\text{NDF}: 13851.9/100$

- sign 3.329 ± 0.107 $\chi^2/\text{NDF}: 6320.8/50$

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: -75.762 ± 0.508 χ^2/NDF : 2879.9/27

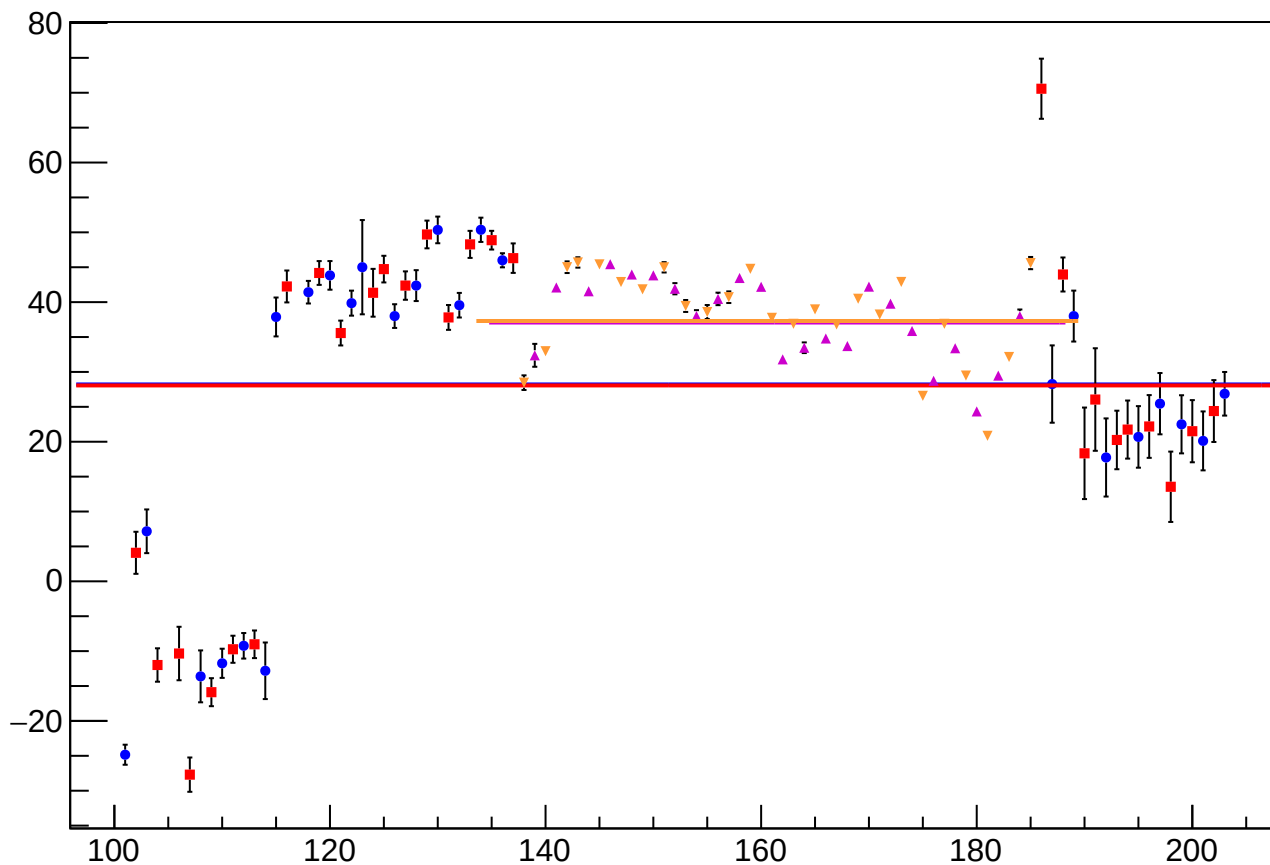
Left In: -45.616 ± 0.139 χ^2/NDF : 17743.8/22

+ sign -47.259 ± 0.134 χ^2/NDF : 21824.2/49

All: -47.491 ± 0.095 χ^2/NDF : 45733.5/100

- sign -47.723 ± 0.134 χ^2/NDF : 23903.4/50

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: 28.066 $\pm$ 0.451 χ^2 /NDF: 3189.6/27

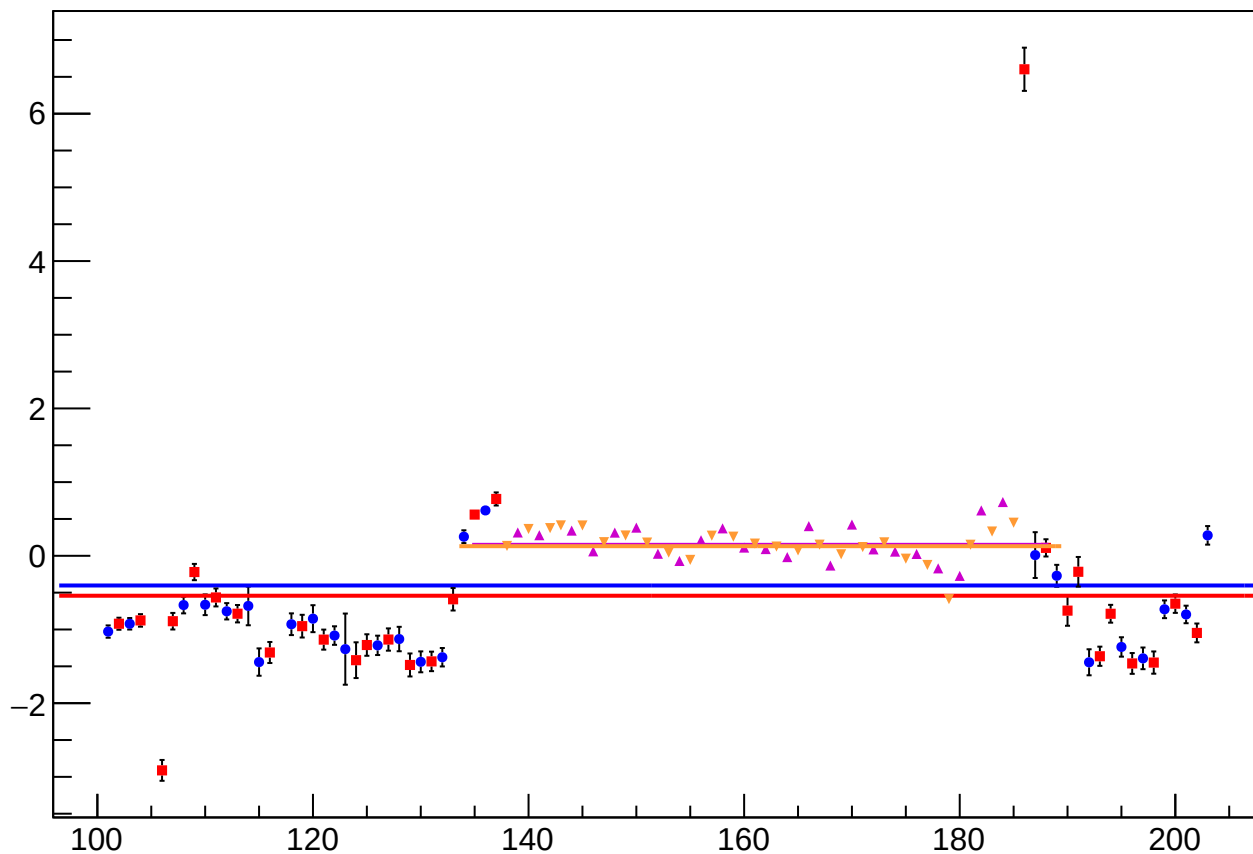
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

+ sign 36.629 $\pm$ 0.118 χ^2 /NDF: 6864.9/49

All: 36.535 $\pm$ 0.084 χ^2 /NDF: 12832.9/100

- sign 36.438 $\pm$ 0.120 χ^2 /NDF: 5966.7/50

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: -0.542 ± 0.022 χ^2/NDF : 1932.4/27

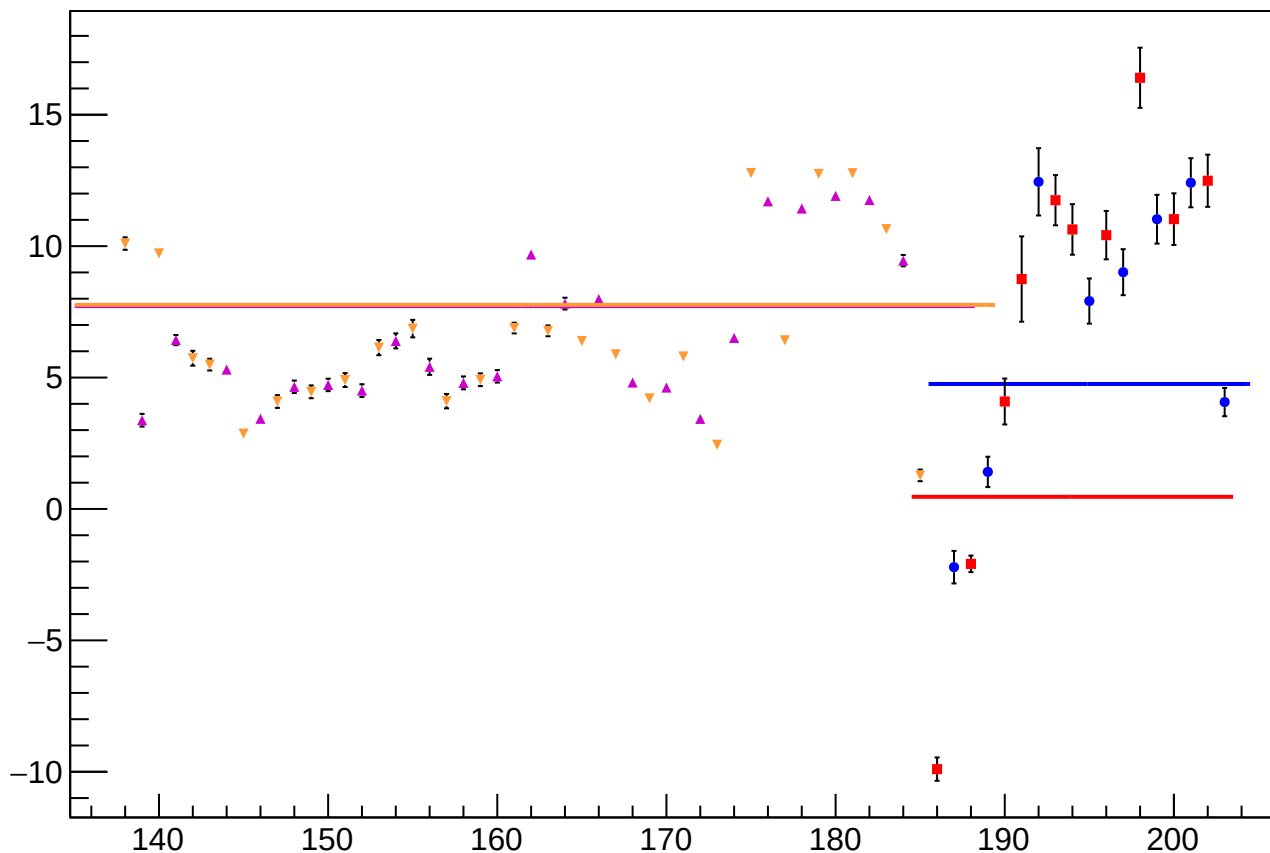
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.098 ± 0.005 χ^2/NDF : 3148.9/49

All: 0.103 ± 0.004 χ^2/NDF : 7785.6/100

- sign 0.107 ± 0.006 χ^2/NDF : 4635.5/50

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: 0.463 ± 0.208 $\chi^2/\text{NDF}: 1477.5/9$

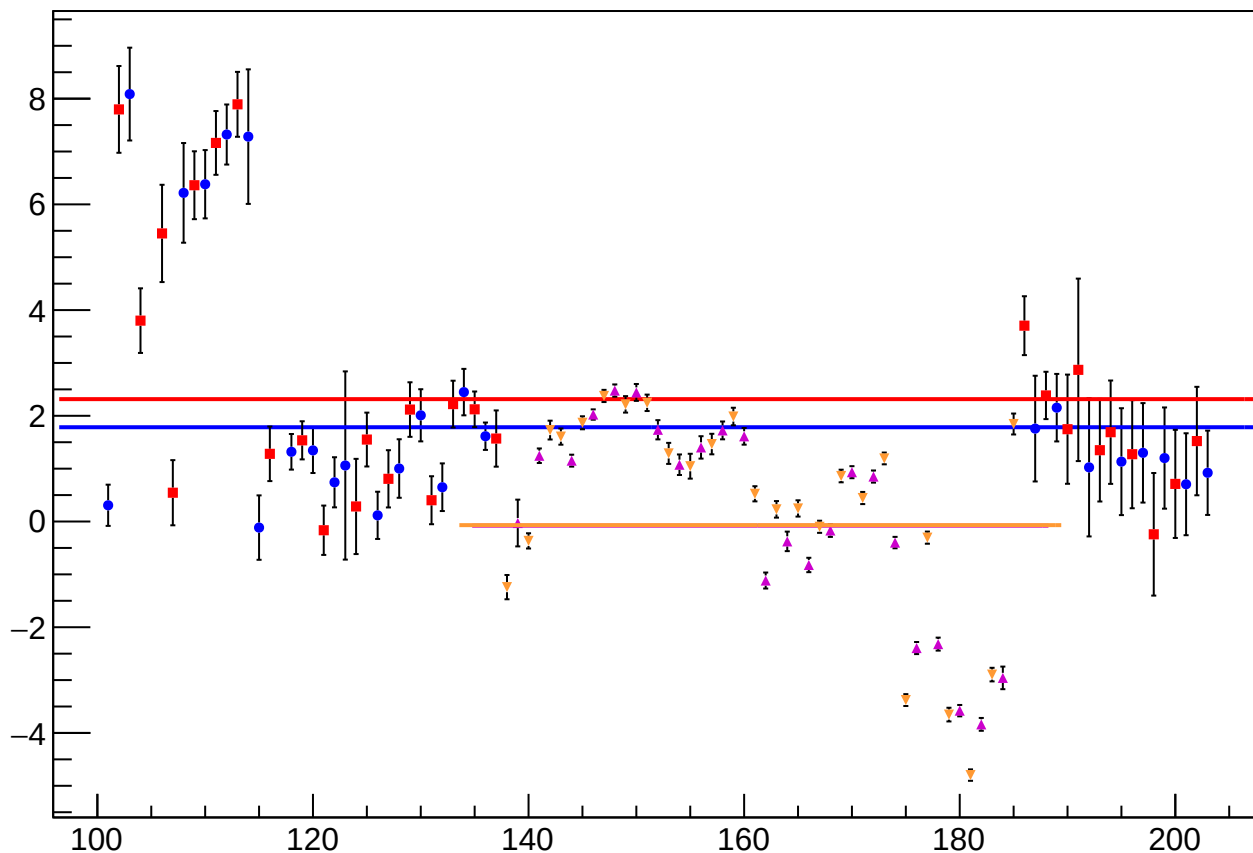
Left In: 7.719 ± 0.035 $\chi^2/\text{NDF}: 8490.5/22$

+ sign 7.715 ± 0.034 $\chi^2/\text{NDF}: 12182.0/32$

All: 7.619 ± 0.024 $\chi^2/\text{NDF}: 23345.4/65$

- sign 7.521 ± 0.034 $\chi^2/\text{NDF}: 11147.4/32$

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.784 $\pm$ 0.109 χ^2 /NDF: 299.2/24

Left Out: -0.069 $\pm$ 0.028 χ^2 /NDF: 6033.5/24

Right Out: 2.315 $\pm$ 0.111 χ^2 /NDF: 346.3/27

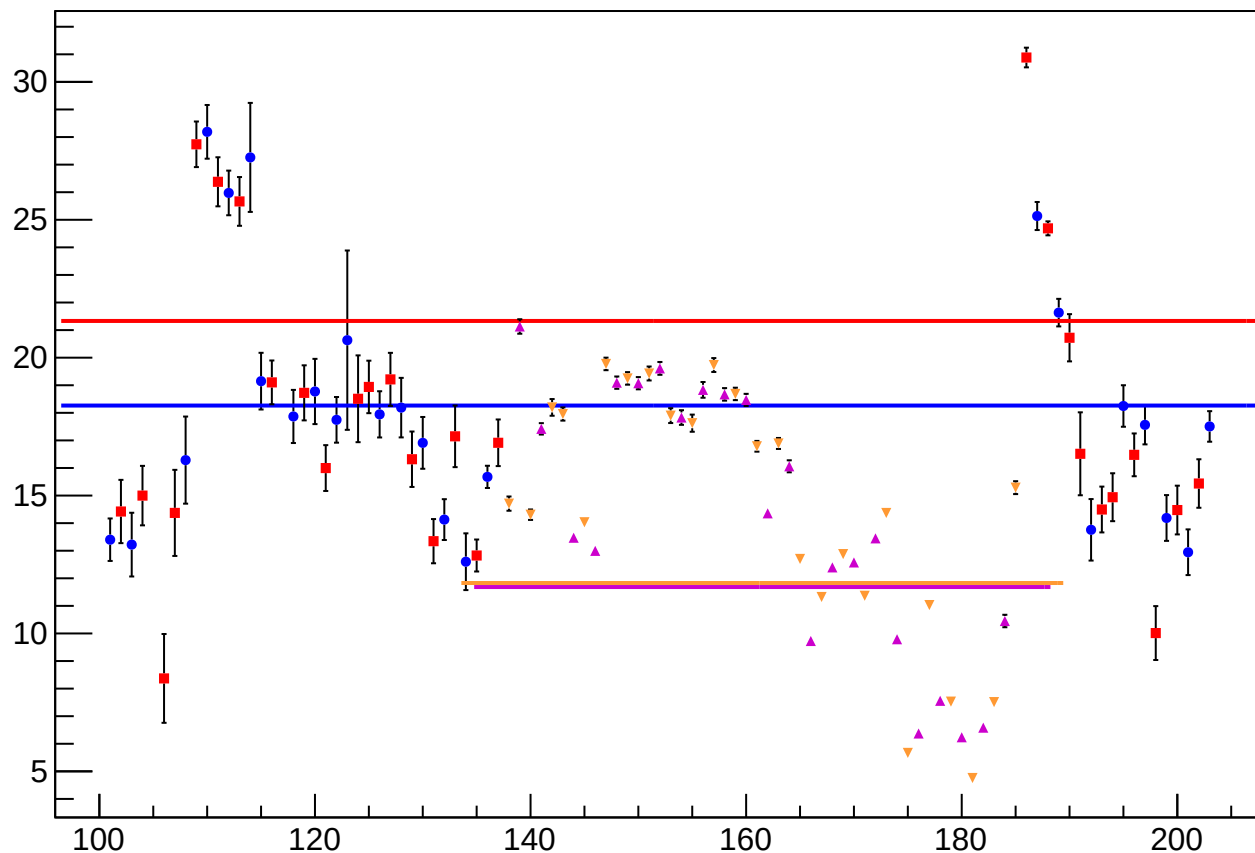
Left In: -0.079 $\pm$ 0.028 χ^2 /NDF: 4989.1/22

+ sign 0.045 $\pm$ 0.027 χ^2 /NDF: 6603.7/49

All: 0.055 $\pm$ 0.019 χ^2 /NDF: 12378.7/100

- sign 0.067 $\pm$ 0.027 χ^2 /NDF: 5774.7/50

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.264 $\pm$ 0.156 χ^2 /NDF: 695.2/24

Left Out: 11.830 $\pm$ 0.035 χ^2 /NDF:19032.5/24

Right Out: 21.332 $\pm$ 0.136 χ^2 /NDF: 2024.7/27

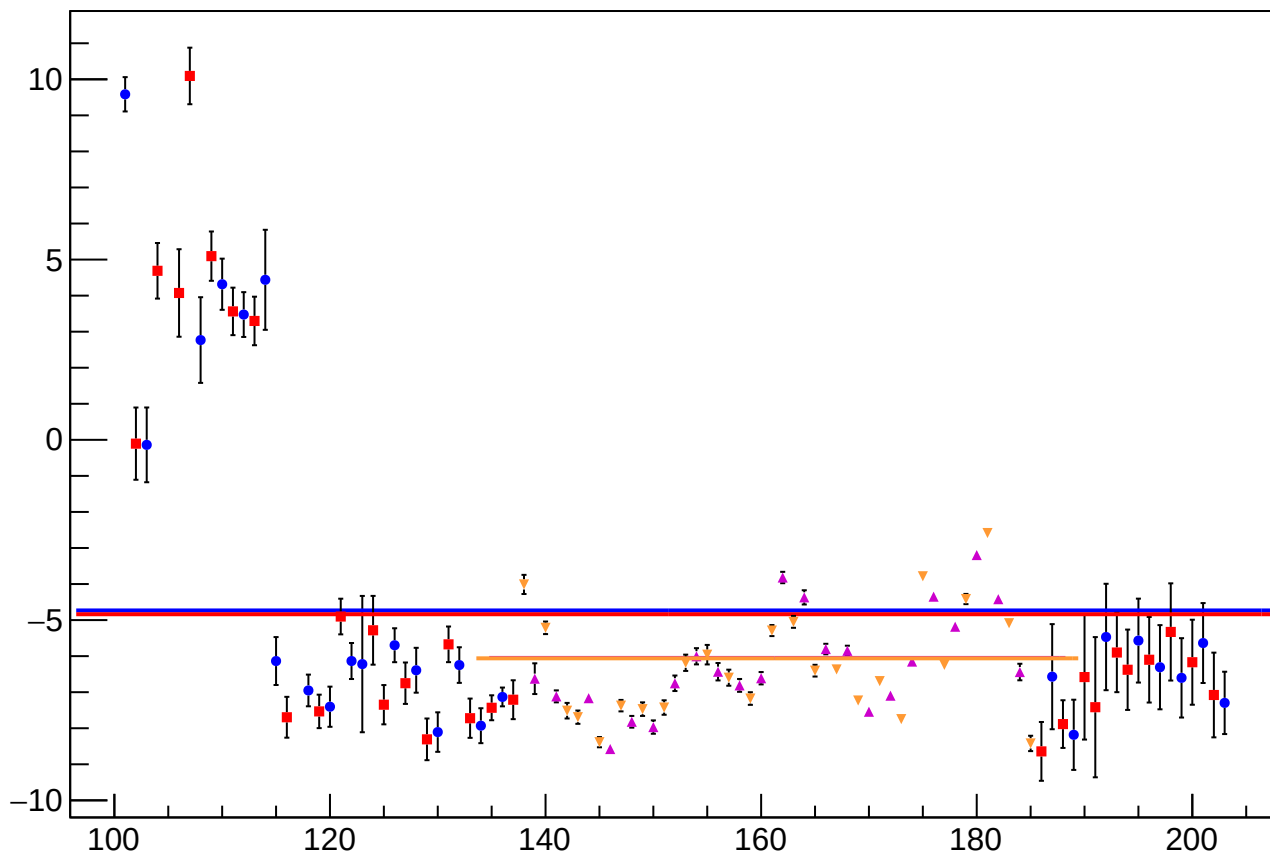
Left In: 11.683 $\pm$ 0.035 χ^2 /NDF:16927.3/22

+ sign 12.132 $\pm$ 0.034 χ^2 /NDF: 21341.9/49

All: 12.208 $\pm$ 0.024 χ^2 /NDF: 45017.8/100

- sign 12.283 $\pm$ 0.034 χ^2 /NDF: 23666.0/50

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: -4.838 ± 0.127 χ^2/NDF : 1399.7/27

Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.981 ± 0.030 χ^2/NDF : 4380.5/49

All: -5.980 ± 0.022 χ^2/NDF : 8169.2/100

- sign -5.979 ± 0.031 χ^2/NDF : 3788.7/50

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.141 ± 0.006 χ^2/NDF : 1118.8/24

Left Out: 0.014 ± 0.001 χ^2/NDF : 950.9/24

Right Out: 0.167 ± 0.006 χ^2/NDF : 1269.3/27

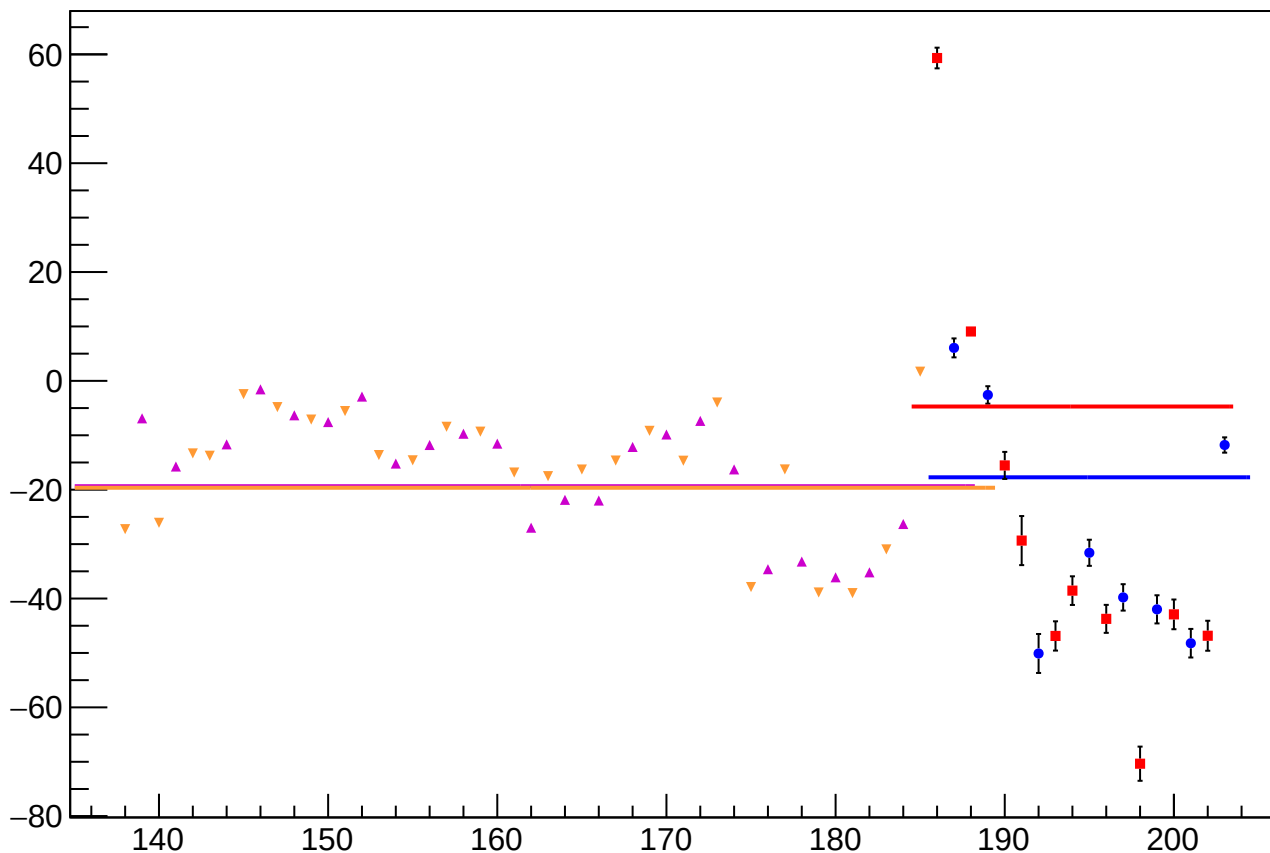
Left In: 0.010 ± 0.001 χ^2/NDF : 1224.5/22

+ sign 0.021 ± 0.001 χ^2/NDF : 2460.4/49

All: 0.019 ± 0.001 χ^2/NDF : 5544.4/100

- sign 0.018 ± 0.001 χ^2/NDF : 3082.3/50

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: -4.714 ± 0.611 χ^2/NDF : 2955.9/9

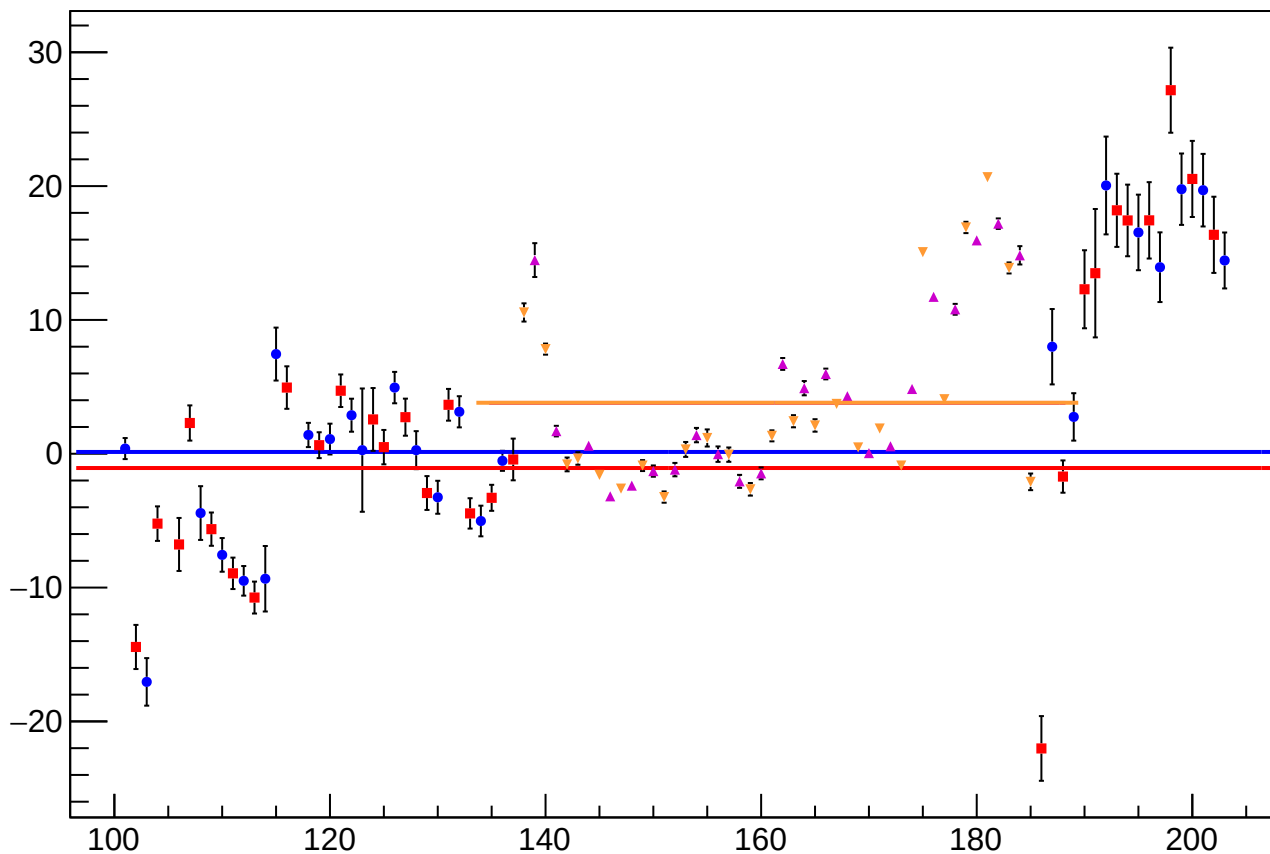
Left In: -19.355 ± 0.105 χ^2/NDF : 12417.1/22

+ sign -19.603 ± 0.102 χ^2/NDF : 16451.7/32

All: -19.273 ± 0.073 χ^2/NDF : 32403.6/65

- sign -18.938 ± 0.103 χ^2/NDF : 15931.0/32

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: 0.134 $\pm$ 0.275 χ^2/NDF : 555.0/24

Left Out: 3.811 $\pm$ 0.082 χ^2/NDF : 7118.3/24

Right Out: -1.066 $\pm$ 0.281 χ^2/NDF : 718.2/27

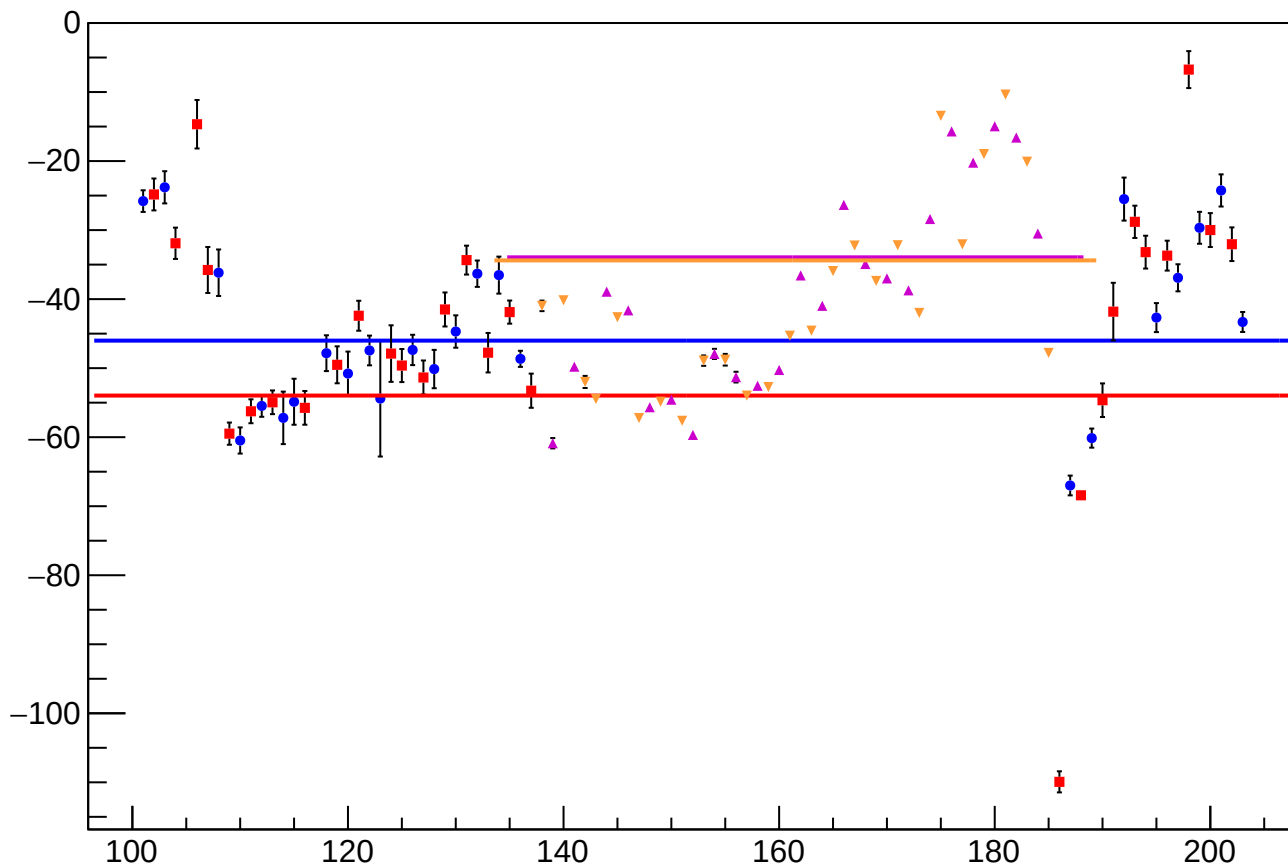
Left In: 3.795 $\pm$ 0.083 χ^2/NDF : 5534.4/22

+ sign 3.510 $\pm$ 0.079 χ^2/NDF : 7837.0/49

All: 3.457 $\pm$ 0.056 χ^2/NDF : 14365.8/100

- sign 3.402 $\pm$ 0.080 χ^2/NDF : 6527.9/50

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: -53.971 ± 0.368 χ^2/NDF : 3194.4/27

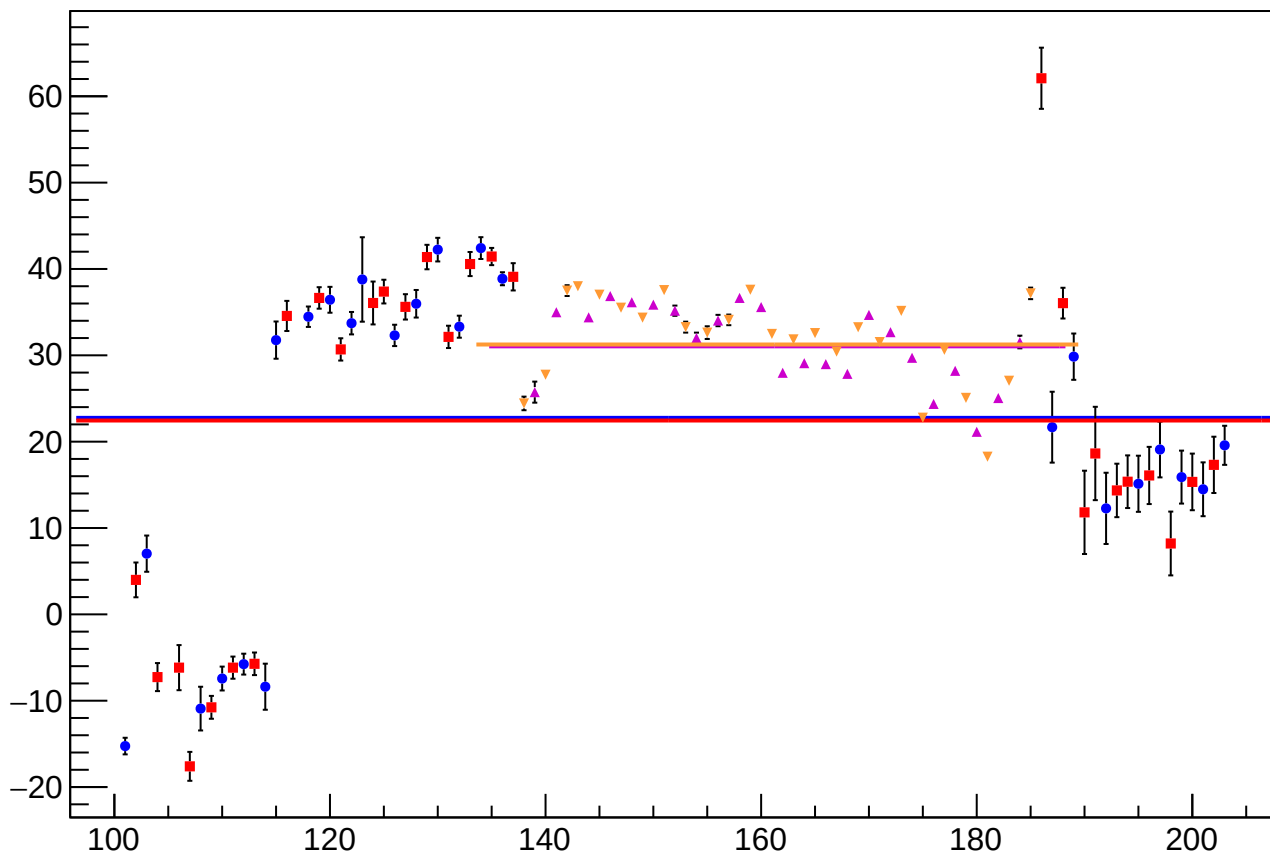
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ sign -35.111 ± 0.101 χ^2/NDF : 21759.2/49

All: -35.282 ± 0.071 χ^2/NDF : 45559.3/100

- sign -35.453 ± 0.101 χ^2/NDF : 23794.4/50

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: 22.450 $\pm$ 0.321 χ^2 /NDF: 4254.2/27

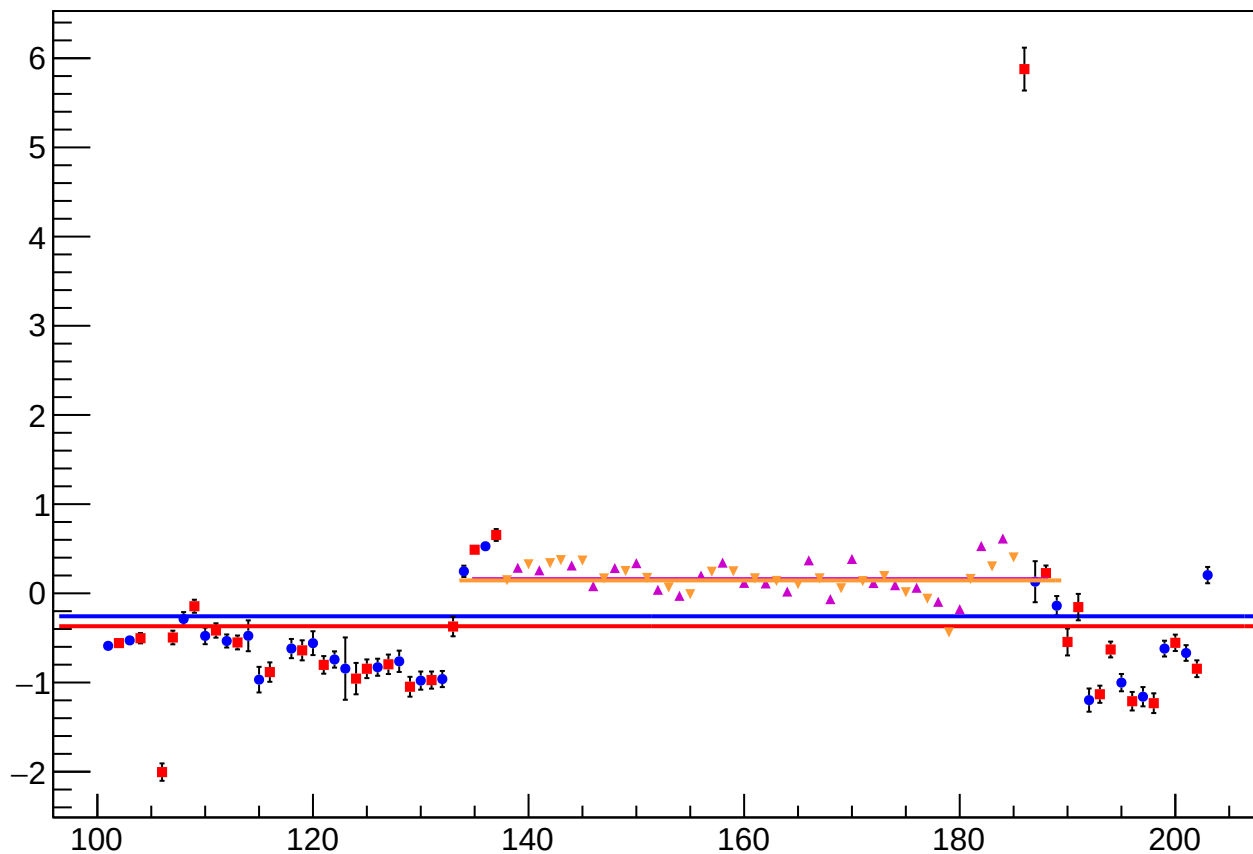
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ sign 30.566 $\pm$ 0.089 χ^2 /NDF: 8367.2/49

All: 30.467 $\pm$ 0.063 χ^2 /NDF: 15770.4/100

- sign 30.366 $\pm$ 0.090 χ^2 /NDF: 7400.7/50

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: -0.369 ± 0.016 χ^2/NDF : 2141.1/27

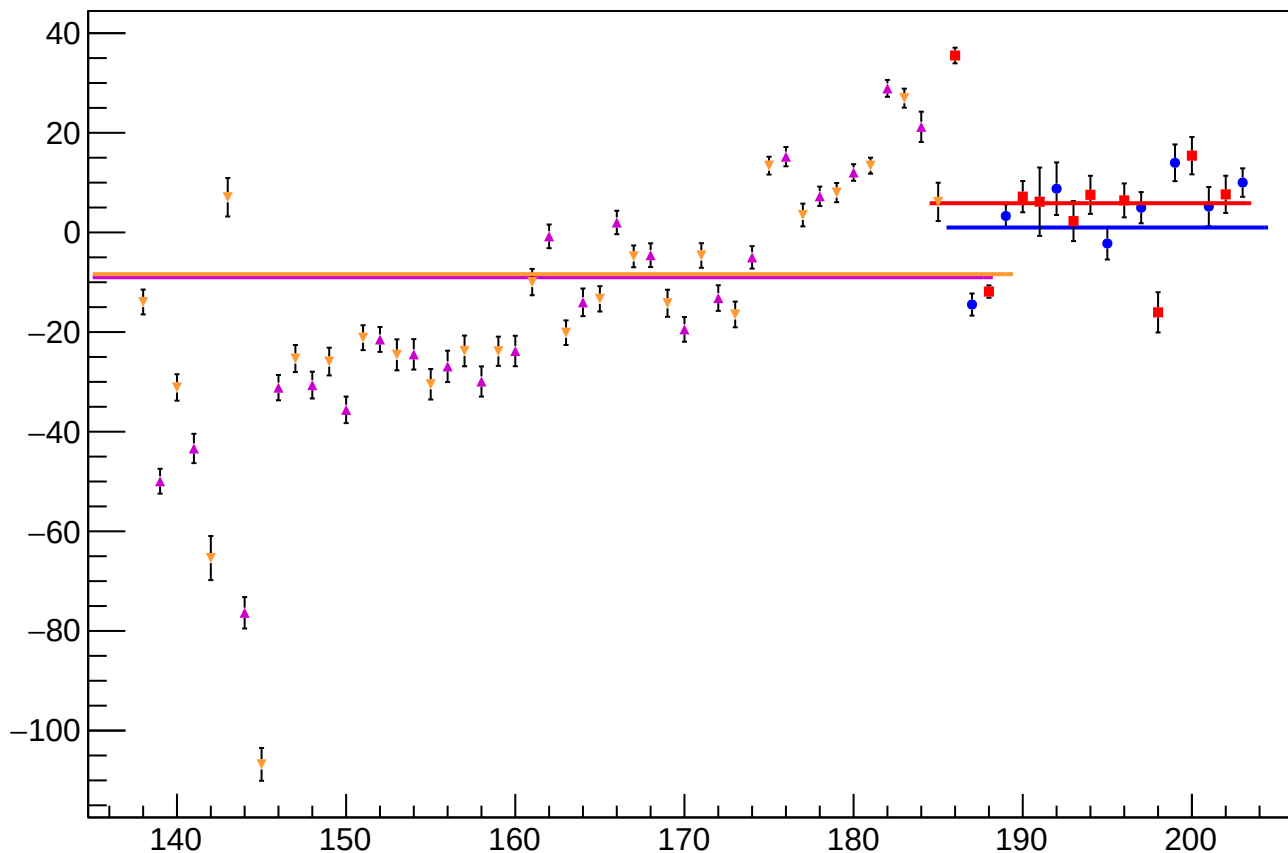
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.118 ± 0.004 χ^2/NDF : 3428.6/49

All: 0.121 ± 0.003 χ^2/NDF : 8604.5/100

- sign 0.124 ± 0.004 χ^2/NDF : 5175.1/50

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 0.987 ± 1.064 χ^2/NDF : 77.9/7

Left Out: -8.375 ± 0.500 χ^2/NDF : 2224.0/24

Right Out: 5.863 ± 0.790 χ^2/NDF : 598.4/9

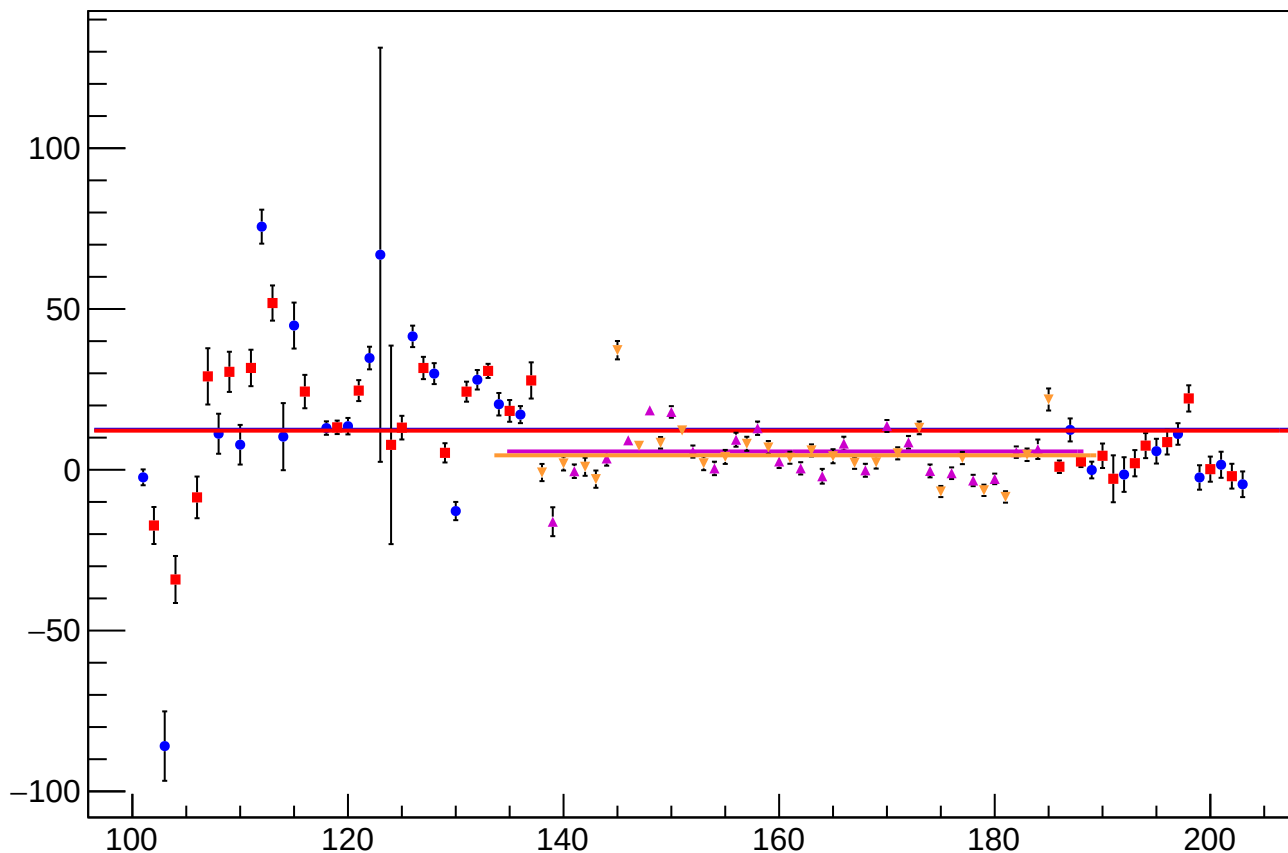
Left In: -8.995 ± 0.505 χ^2/NDF : 2308.2/22

+ sign -6.681 ± 0.453 χ^2/NDF : 2365.2/32

All: -5.623 ± 0.310 χ^2/NDF : 5533.0/65

- sign -4.687 ± 0.426 χ^2/NDF : 3157.5/32

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: 12.172 ± 0.658 χ^2/NDF : 418.6/27

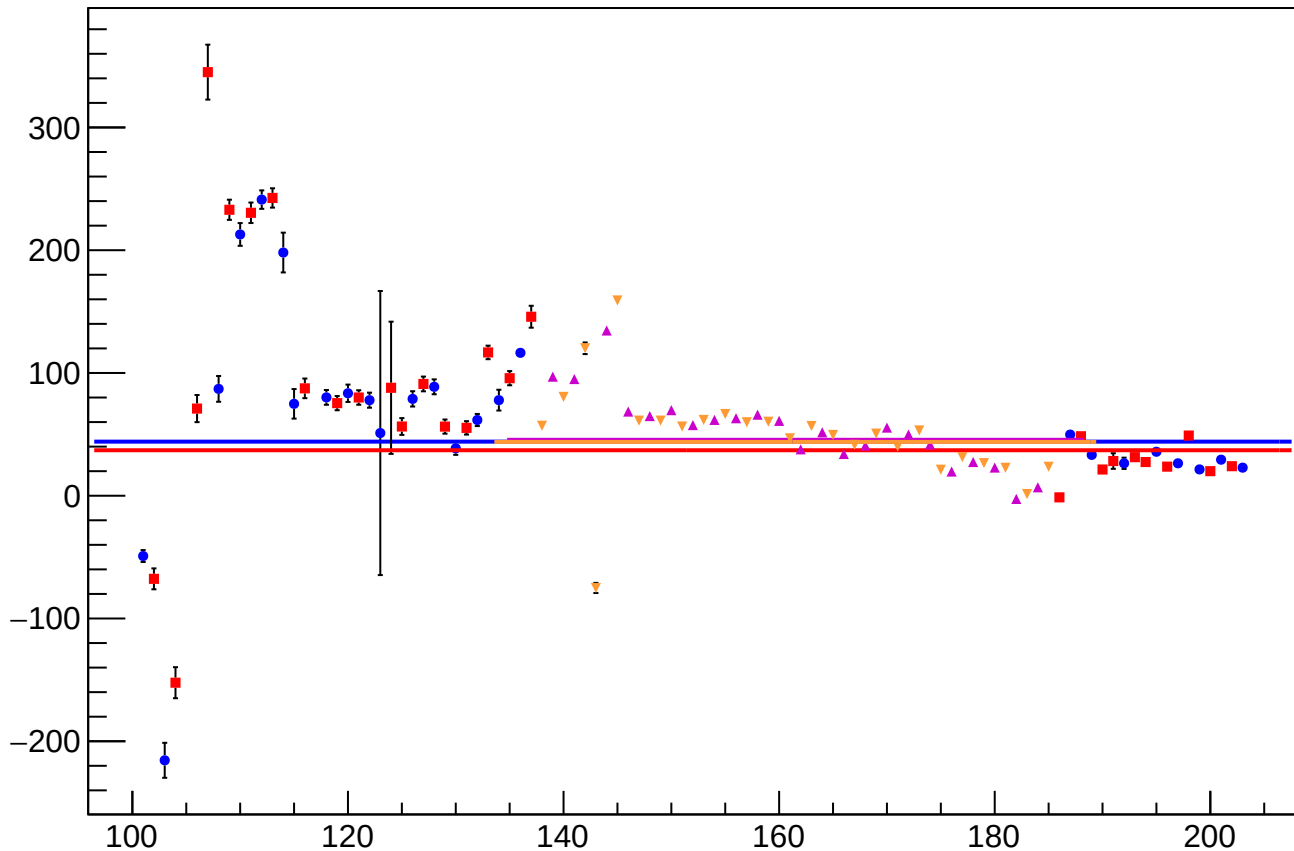
Left In: 5.699 ± 0.403 χ^2/NDF : 329.1/22

+ sign 6.371 ± 0.343 χ^2/NDF : 1085.1/49

All: 6.917 ± 0.243 χ^2/NDF : 1908.2/100

- sign 7.465 ± 0.344 χ^2/NDF : 818.0/50

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: 37.055 ± 0.613 χ^2/NDF : 4247.4/27

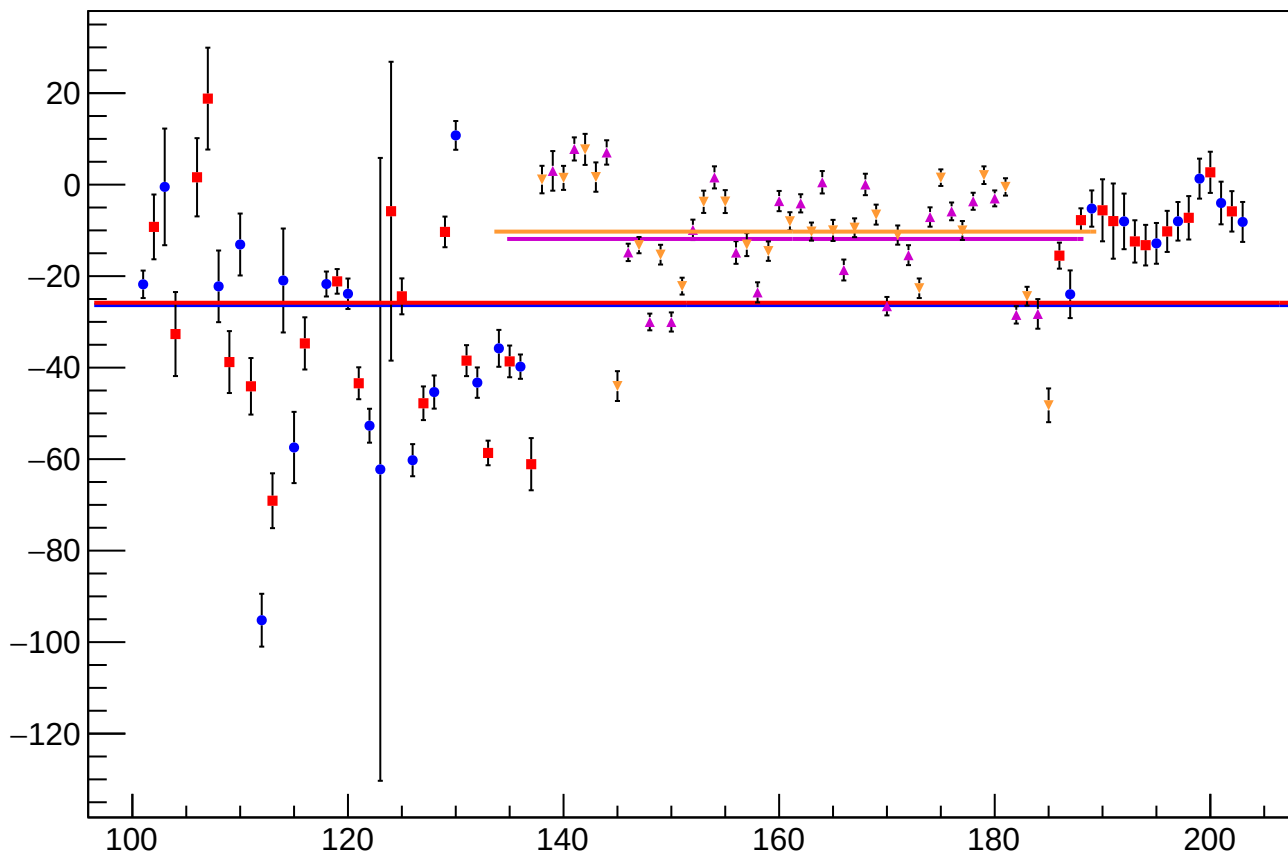
Left In: 45.559 ± 0.502 χ^2/NDF : 3152.4/22

+ sign 43.905 ± 0.424 χ^2/NDF : 6269.2/49

All: 42.947 ± 0.286 χ^2/NDF : 13793.5/100

- sign 42.141 ± 0.389 χ^2/NDF : 7514.9/50

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: -25.817 ± 0.803 χ^2/NDF : 580.1/27

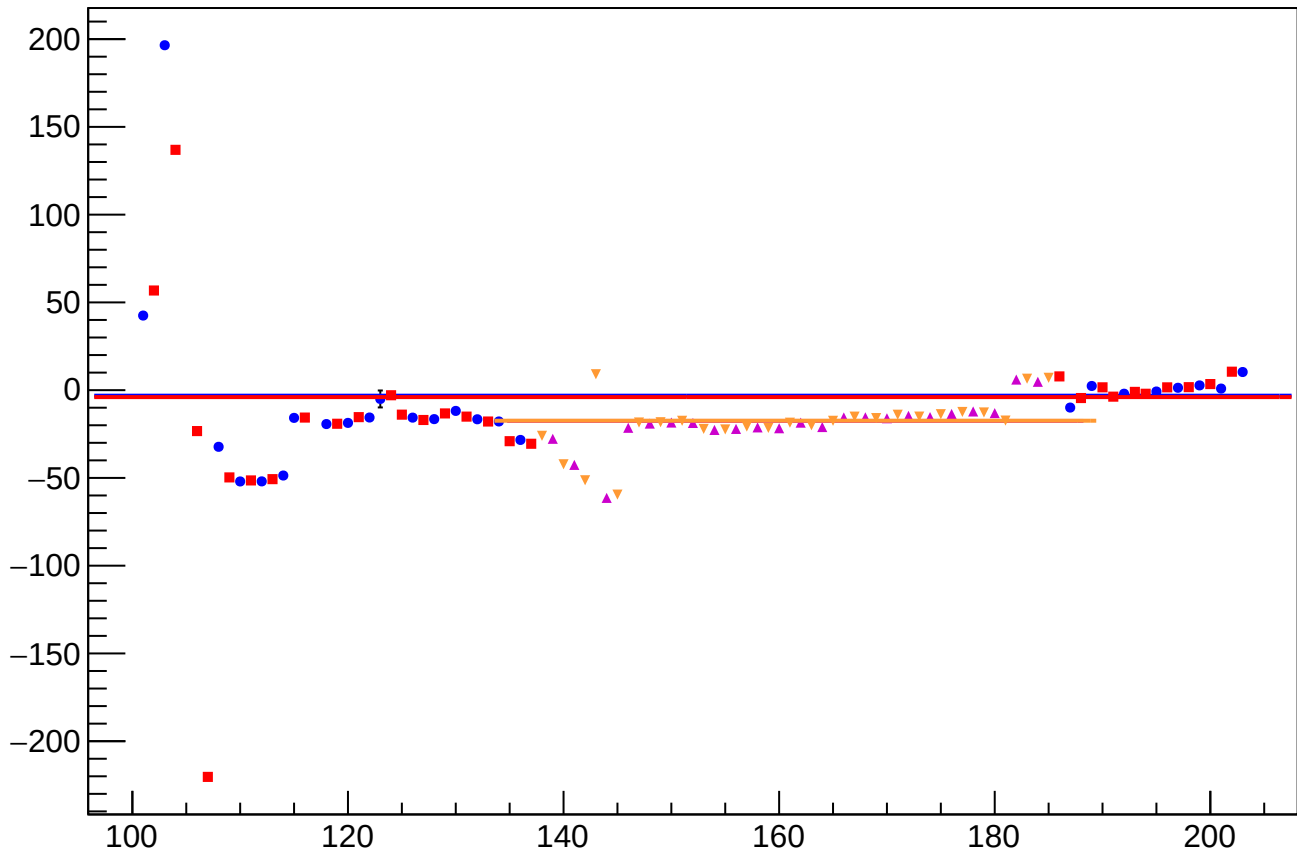
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ sign -13.839 ± 0.392 χ^2/NDF : 1529.8/49

All: -14.543 ± 0.279 χ^2/NDF : 3013.0/100

- sign -15.260 ± 0.396 χ^2/NDF : 1476.7/50

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -3.147 ± 0.040 $\chi^2/\text{NDF}: 598247.5/24$

Left Out: -17.411 ± 0.020 $\chi^2/\text{NDF}: 320231.3/24$

Right Out: -3.956 ± 0.037 $\chi^2/\text{NDF}: 598688.9/27$

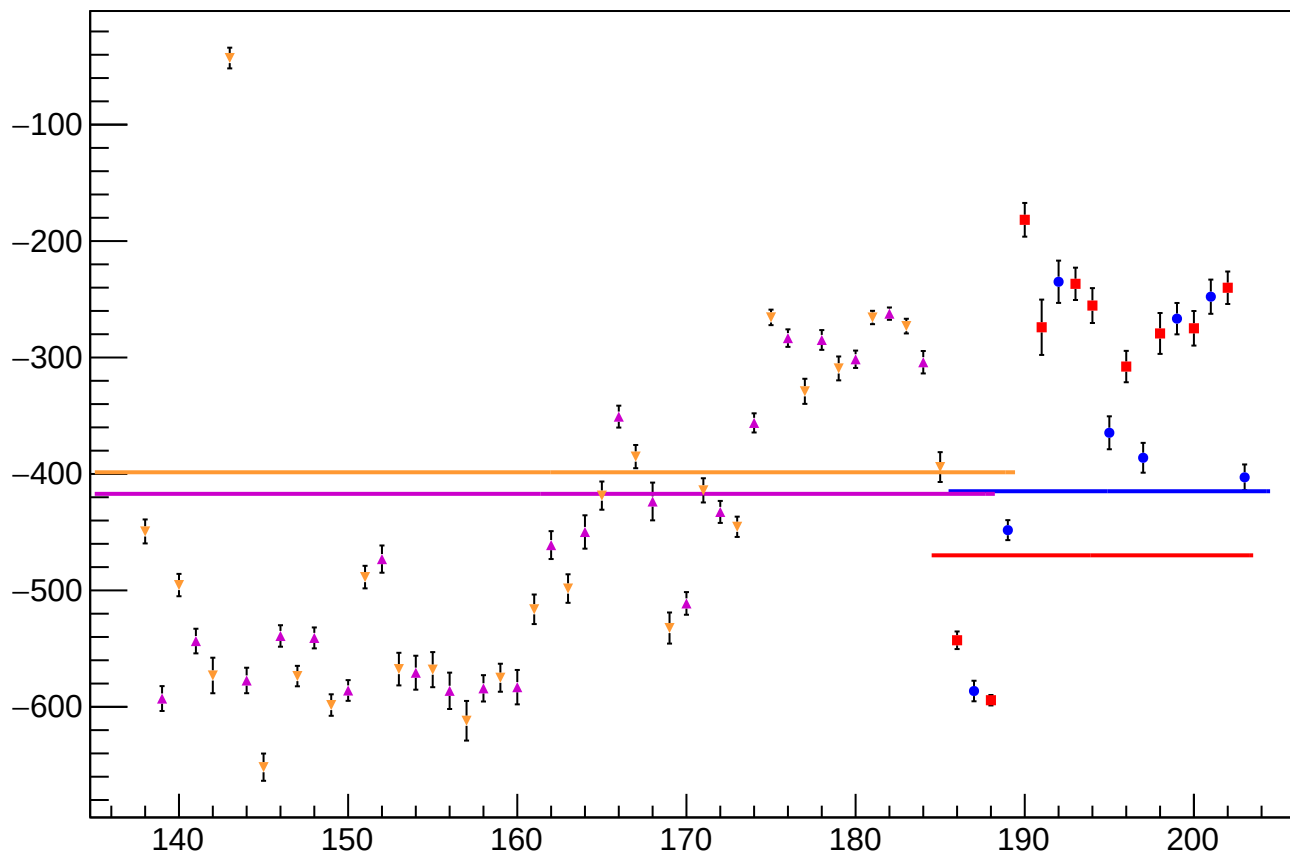
Left In: -17.552 ± 0.021 $\chi^2/\text{NDF}: 261900.3/22$

+ sign -14.460 ± 0.018 $\chi^2/\text{NDF}: 1019362.5/49$

All: -14.423 ± 0.013 $\chi^2/\text{NDF}: 1981456.5/100$

- sign -14.387 ± 0.018 $\chi^2/\text{NDF}: 962086.1/50$

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: -469.883 ± 3.133 χ^2/NDF : 2520.7/9

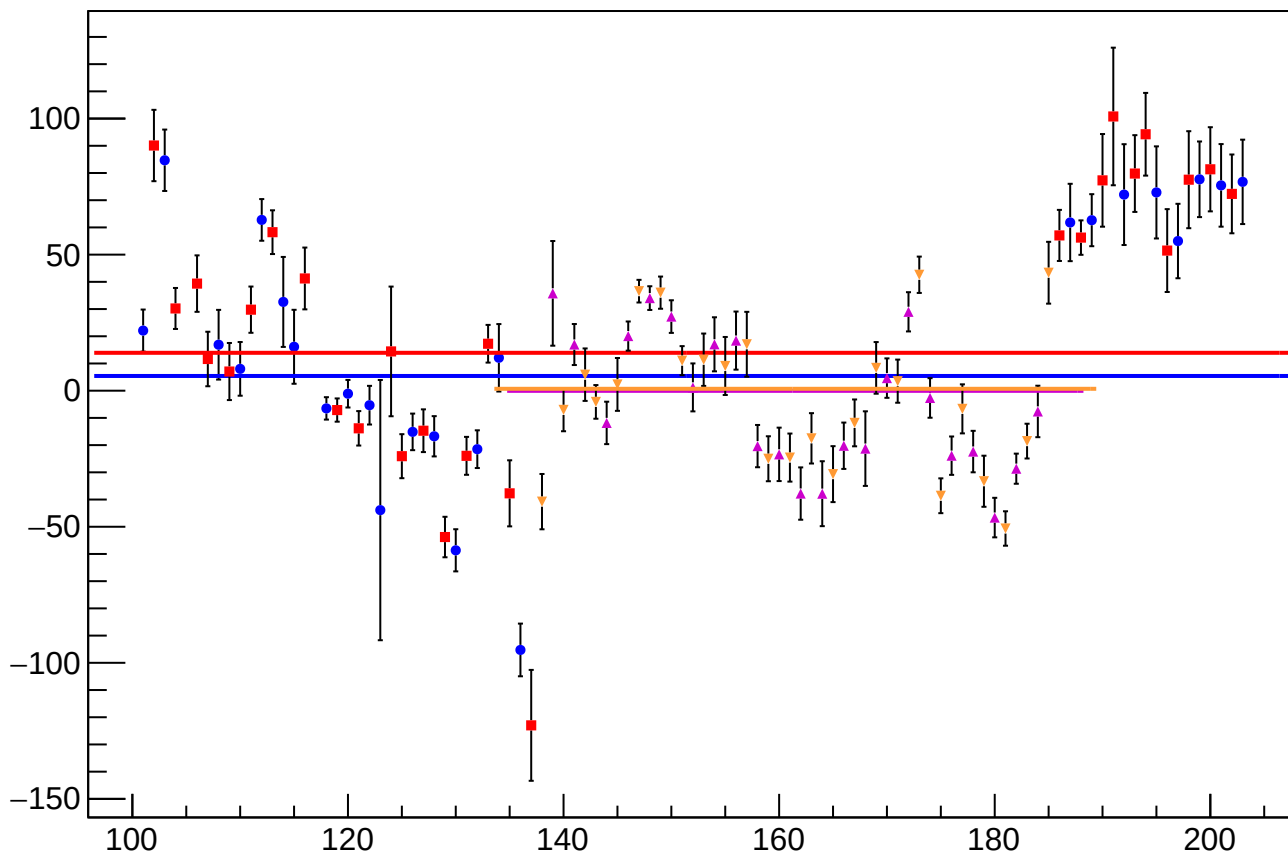
Left In: -417.080 ± 1.997 χ^2/NDF : 3958.5/22

+ sign -401.565 ± 1.771 χ^2/NDF : 6433.5/32

All: -417.723 ± 1.220 χ^2/NDF : 13273.1/65

- sign -432.331 ± 1.684 χ^2/NDF : 6681.2/32

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: 13.922 ± 1.721 $\chi^2/\text{NDF}: 534.7/27$

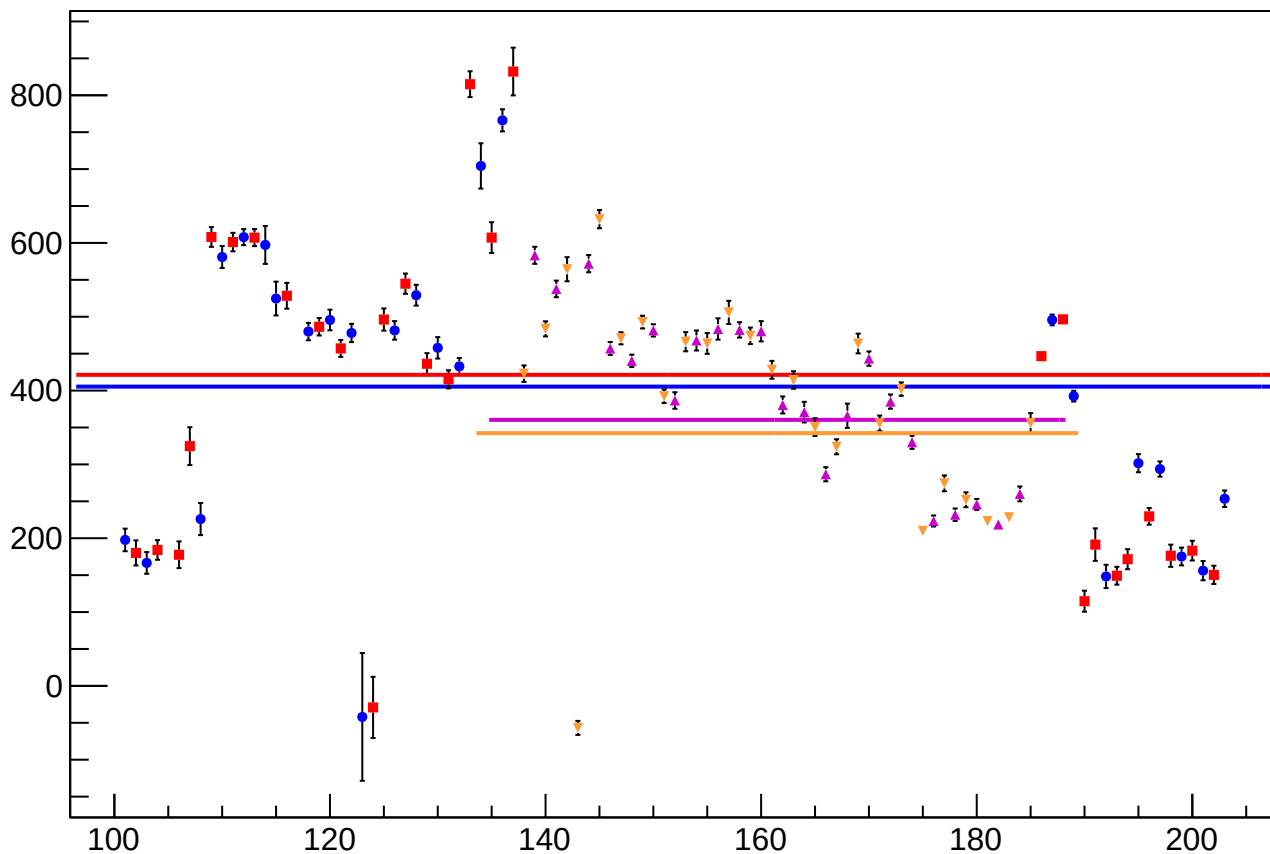
Left In: -0.052 ± 1.571 $\chi^2/\text{NDF}: 264.1/22$

+ sign 2.692 ± 1.147 $\chi^2/\text{NDF}: 855.1/49$

All: 4.475 ± 0.816 $\chi^2/\text{NDF}: 1694.7/100$

- sign 6.300 ± 1.160 $\chi^2/\text{NDF}: 834.8/50$

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 405.368 ± 2.544 $\chi^2/\text{NDF}: 3561.4/24$

Left Out: 342.368 ± 1.970 $\chi^2/\text{NDF}: 5181.7/24$

Right Out: 421.327 ± 2.097 $\chi^2/\text{NDF}: 5651.0/27$

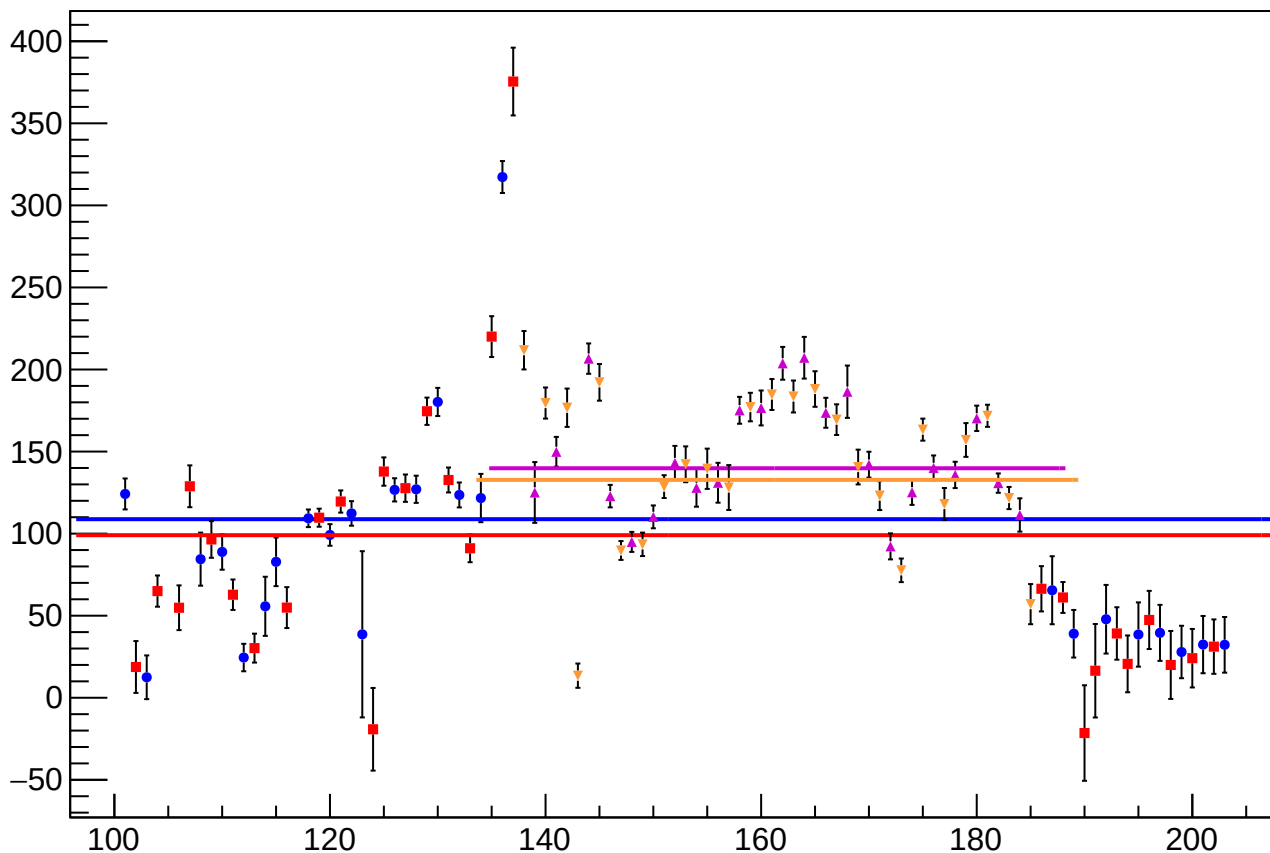
Left In: 360.355 ± 1.996 $\chi^2/\text{NDF}: 3449.9/22$

+ sign 365.985 ± 1.557 $\chi^2/\text{NDF}: 9126.6/49$

All: 378.526 ± 1.060 $\chi^2/\text{NDF}: 18791.8/100$

- sign 389.330 ± 1.446 $\chi^2/\text{NDF}: 9544.6/50$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 108.796 $\pm$ 2.067 χ^2 /NDF: 853.6/24

Left Out: 132.762 $\pm$ 1.736 χ^2 /NDF: 749.6/24

Right Out: 99.052 $\pm$ 2.029 χ^2 /NDF: 726.6/27

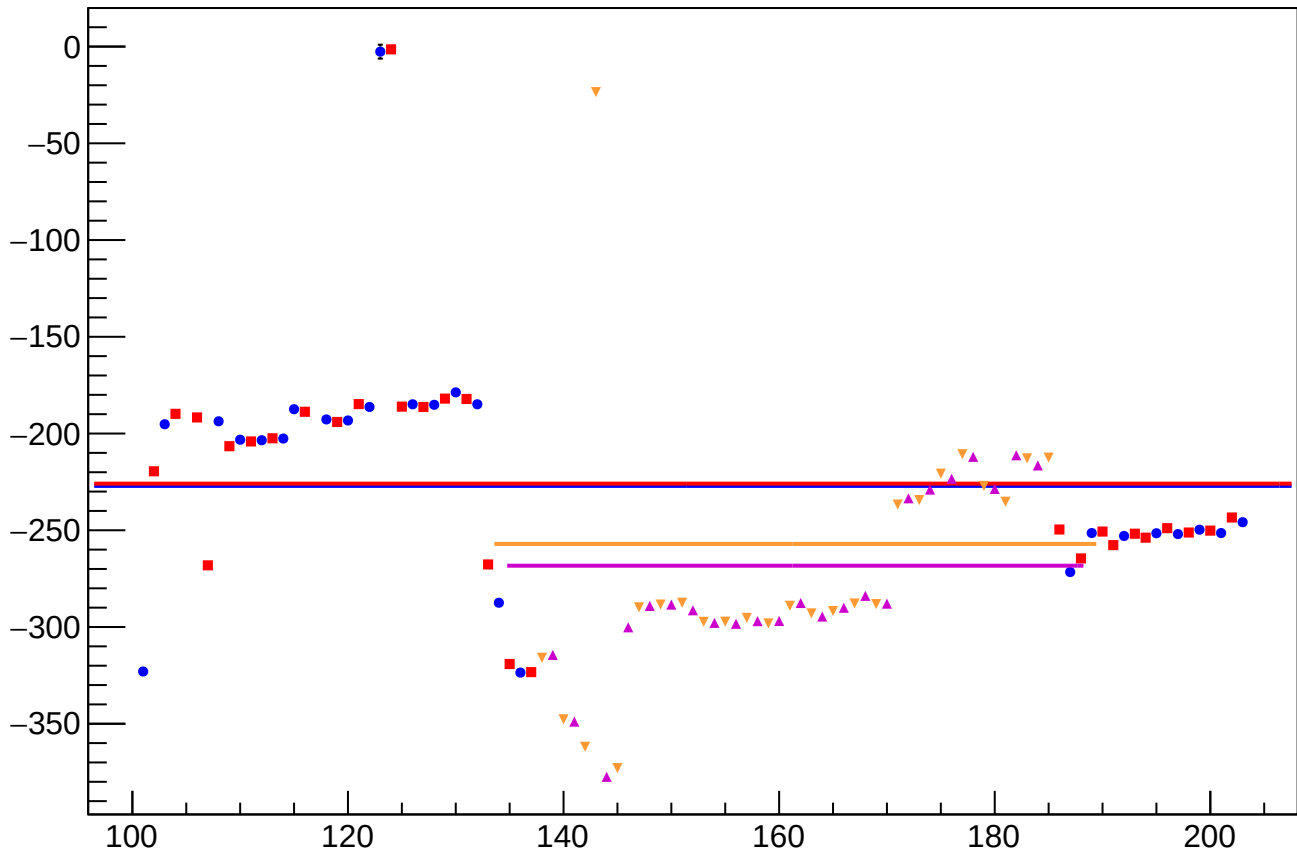
Left In: 139.828 $\pm$ 1.790 χ^2 /NDF: 321.7/22

+ sign 122.851 $\pm$ 1.329 χ^2 /NDF: 1682.0/49

All: 122.424 $\pm$ 0.944 χ^2 /NDF: 2957.6/100

- sign 121.989 $\pm$ 1.342 χ^2 /NDF: 1275.4/50

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: -225.909 $\pm$ 0.106 χ^2 /NDF: 145802.1/27

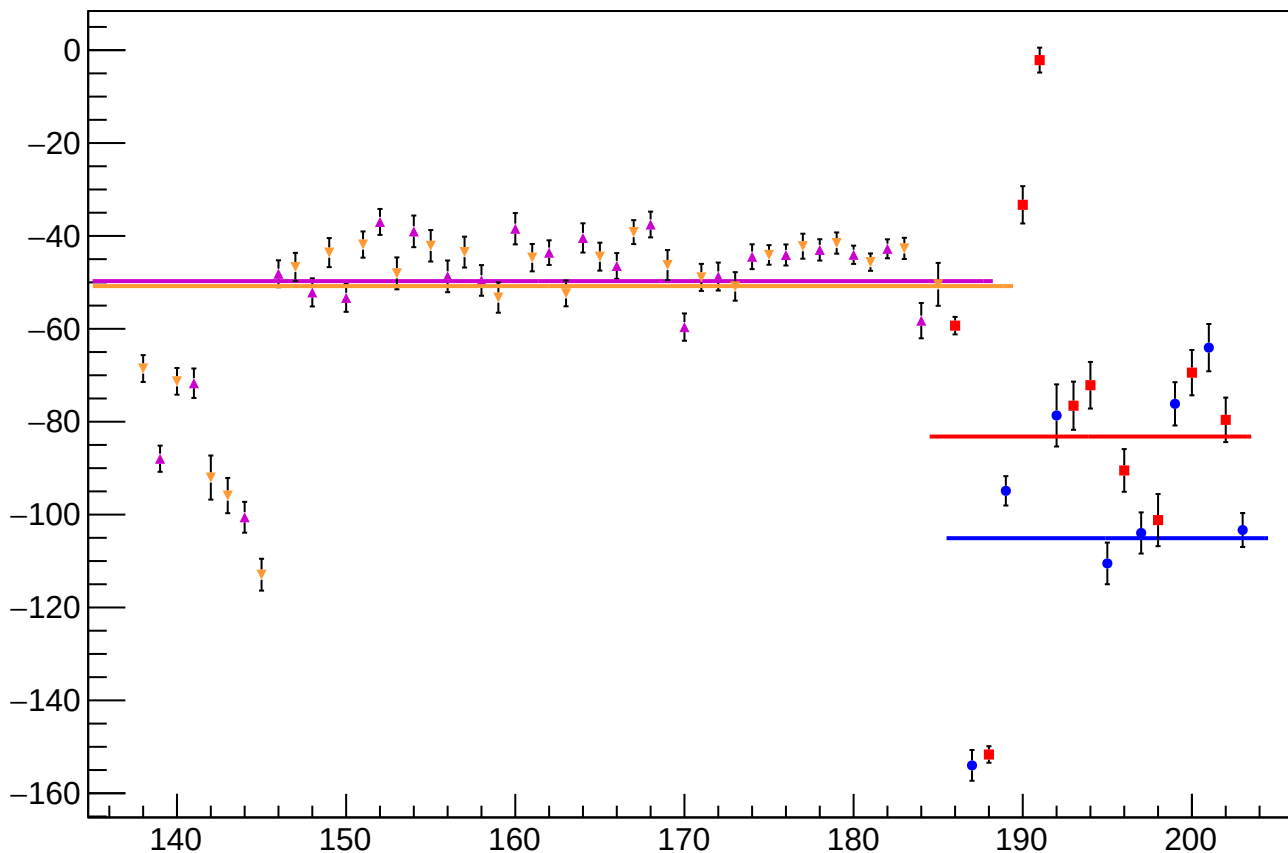
Left In: -268.305 $\pm$ 0.083 χ^2 /NDF: 264853.3/22

+ sign -246.756 $\pm$ 0.067 χ^2 /NDF: 878102.7/49

All: -249.481 $\pm$ 0.047 χ^2 /NDF: 1391073.7/10

- sign -252.110 $\pm$ 0.065 χ^2 /NDF: 509686.9/50

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: -83.194 ± 0.981 χ^2/NDF : 2736.3/9

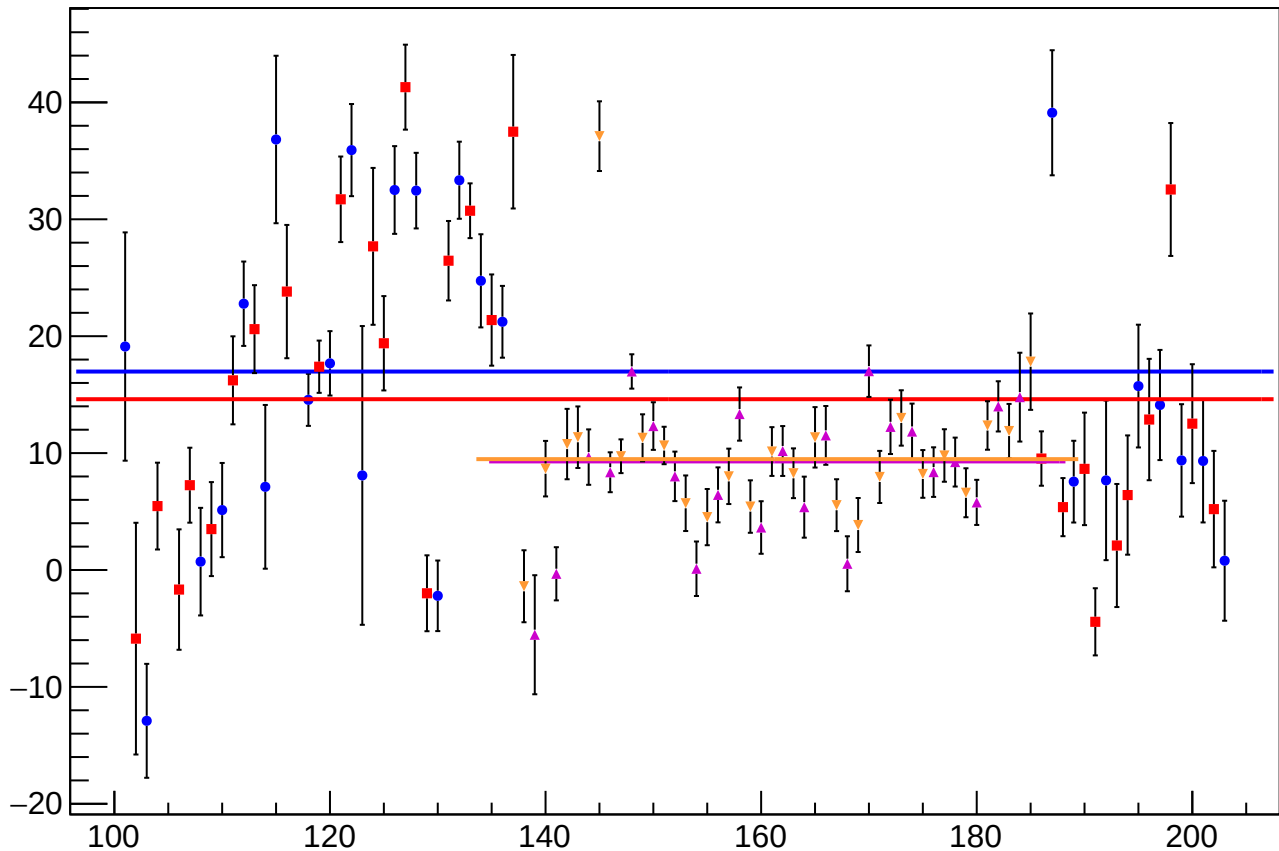
Left In: -49.728 ± 0.581 χ^2/NDF : 601.0/22

+ sign -58.122 ± 0.534 χ^2/NDF : 2307.8/32

All: -58.287 ± 0.365 χ^2/NDF : 6506.7/65

- sign -58.432 ± 0.500 χ^2/NDF : 4198.7/32

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 16.975 ± 0.802 $\chi^2/\text{NDF}: 247.9/24$

Left Out: 9.483 ± 0.447 $\chi^2/\text{NDF}: 133.0/24$

Right Out: 14.610 ± 0.695 $\chi^2/\text{NDF}: 308.0/27$

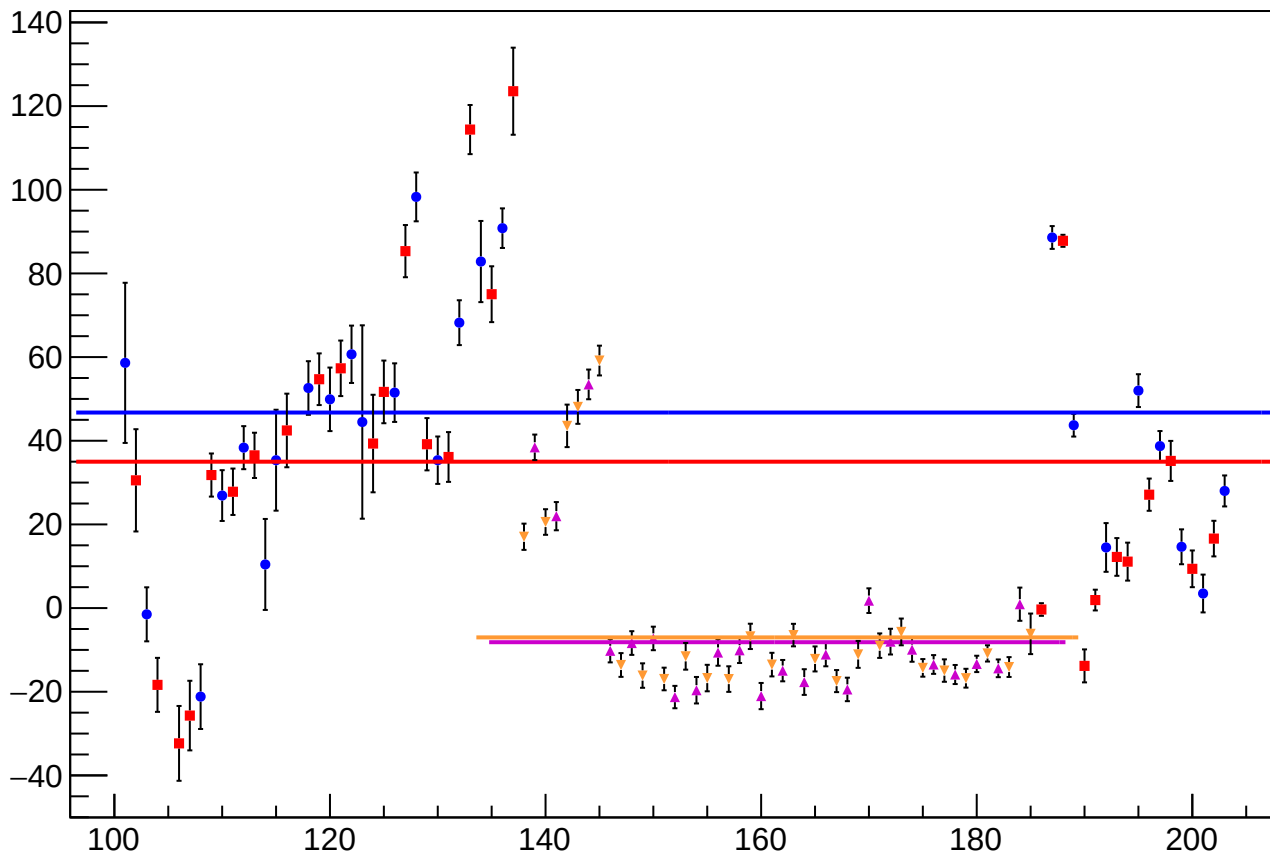
Left In: 9.289 ± 0.461 $\chi^2/\text{NDF}: 125.6/22$

+ sign 11.259 ± 0.390 $\chi^2/\text{NDF}: 447.6/49$

All: 11.083 ± 0.274 $\chi^2/\text{NDF}: 922.3/100$

- sign 10.913 ± 0.384 $\chi^2/\text{NDF}: 474.4/50$

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: 34.994 ± 0.734 $\chi^2/\text{NDF}: 2905.1/27$

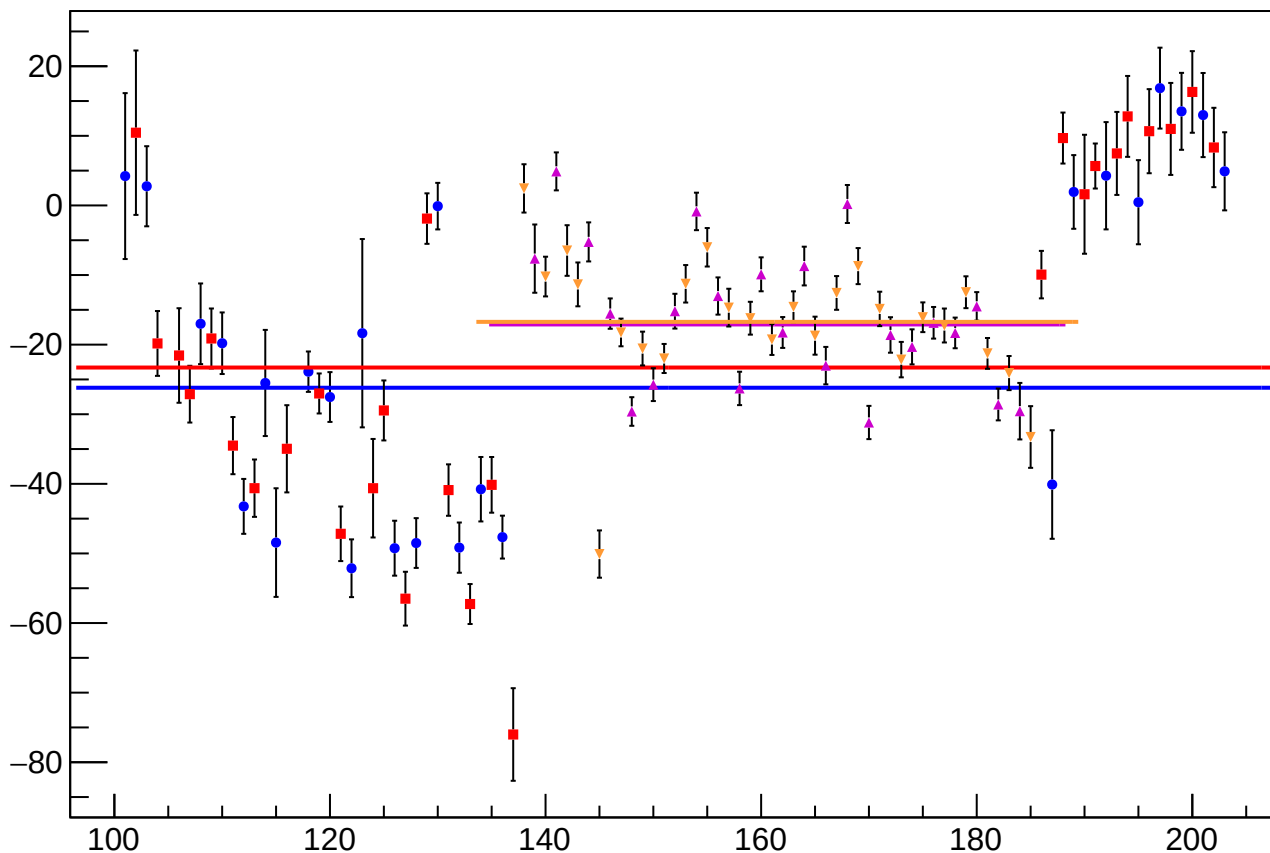
Left In: -8.158 ± 0.578 $\chi^2/\text{NDF}: 753.9/22$

+ sign 6.048 ± 0.498 $\chi^2/\text{NDF}: 3858.3/49$

All: 7.301 ± 0.335 $\chi^2/\text{NDF}: 9662.8/100$

- sign 8.344 ± 0.454 $\chi^2/\text{NDF}: 5792.9/50$

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: -23.290 ± 0.830 χ^2/NDF : 822.9/27

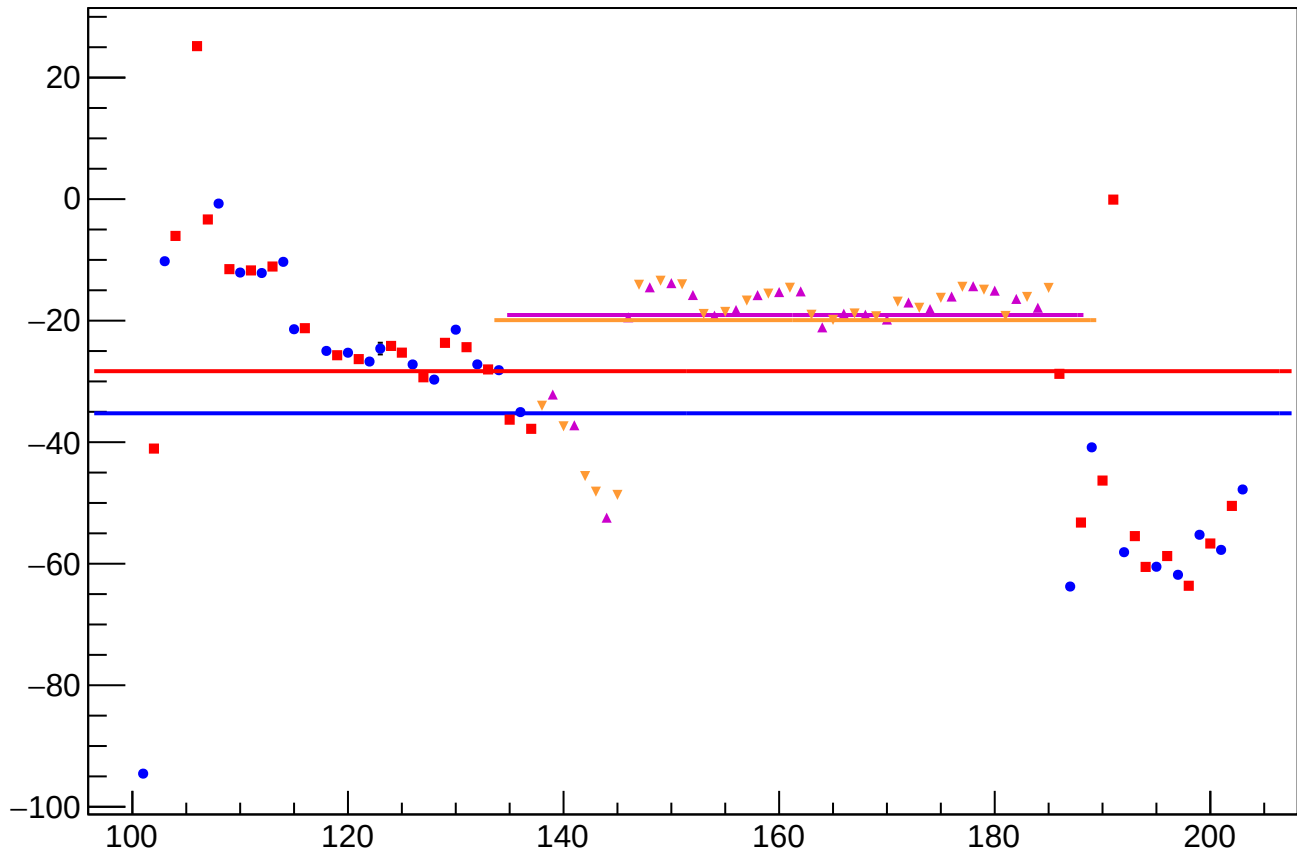
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ sign -18.899 ± 0.446 χ^2/NDF : 885.1/49

All: -18.873 ± 0.313 χ^2/NDF : 2076.0/100

- sign -18.848 ± 0.441 χ^2/NDF : 1190.9/50

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: -28.314 ± 0.038 $\chi^2/\text{NDF}: 397360.2/27$

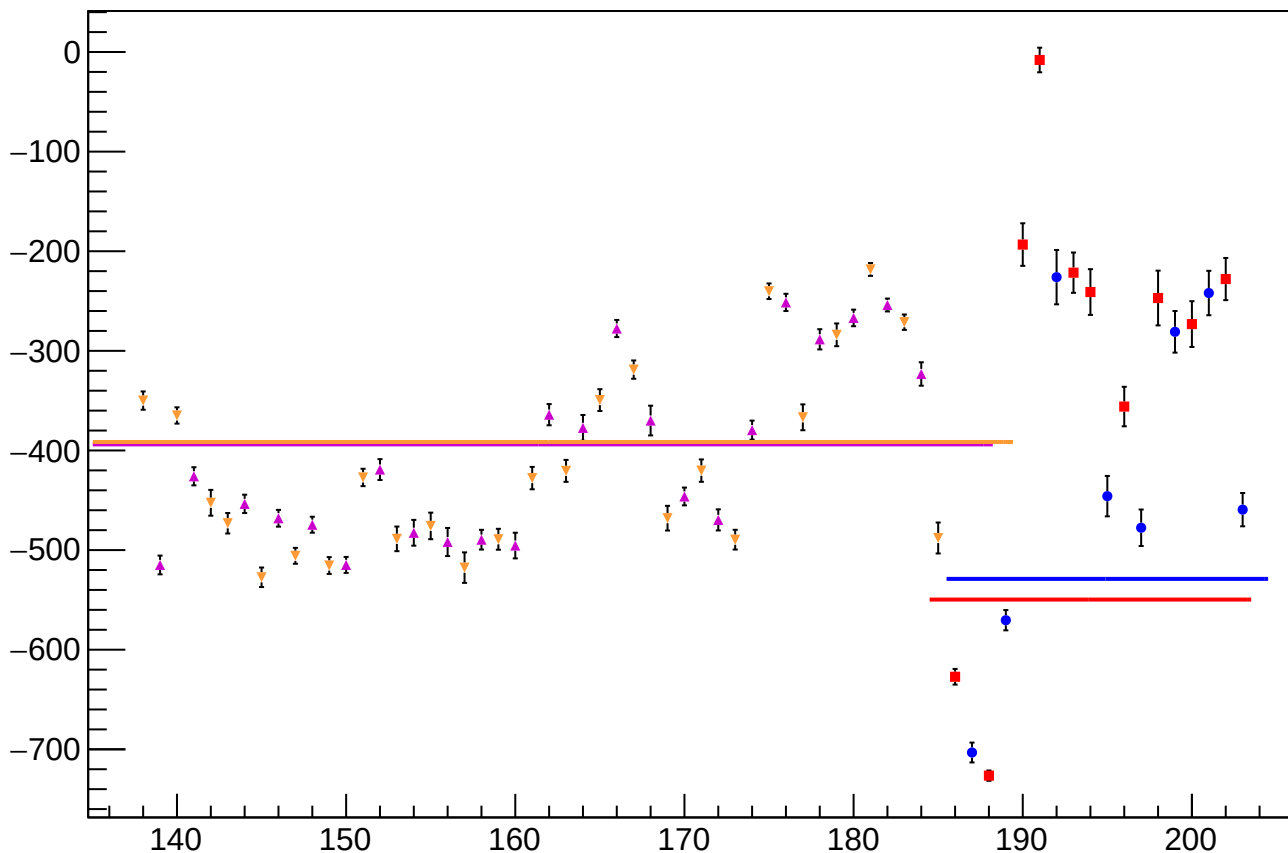
Left In: -19.068 ± 0.024 $\chi^2/\text{NDF}: 92702.3/22$

+ sign -23.138 ± 0.021 $\chi^2/\text{NDF}: 424936.3/49$

All: -22.354 ± 0.014 $\chi^2/\text{NDF}: 960234.6/100$

- sign -21.621 ± 0.020 $\chi^2/\text{NDF}: 532533.7/50$

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: -549.677+/-3.663 χ^2/NDF : 4495.2/9

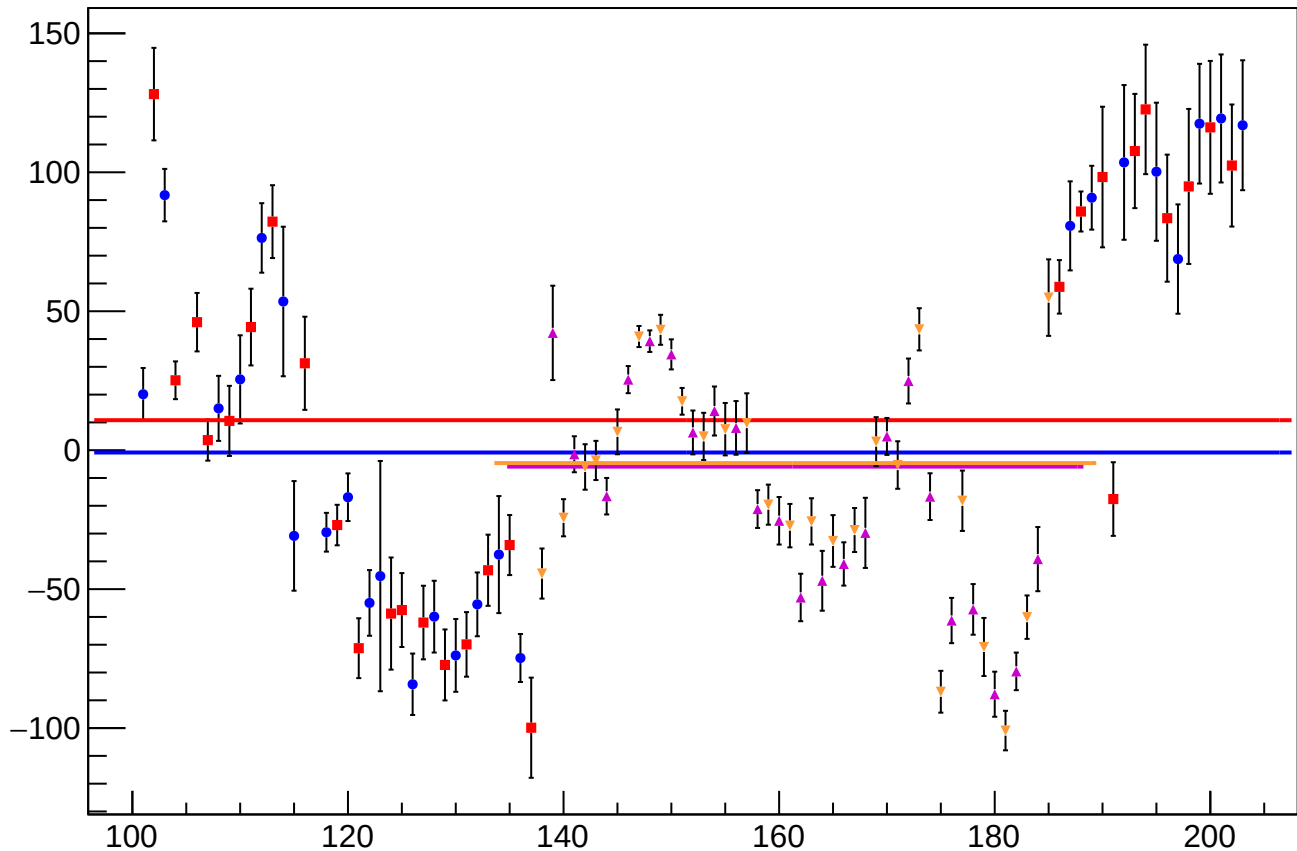
Left In: -393.904+/-1.998 χ^2/NDF : 2280.8/22

+ sign -407.692+/-1.852 χ^2/NDF : 4075.9/32

All: -419.254+/-1.274 χ^2/NDF : 12319.7/65

- sign -429.619+/-1.754 χ^2/NDF : 8169.9/32

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: 10.793 ± 2.267 $\chi^2/\text{NDF}: 676.7/27$

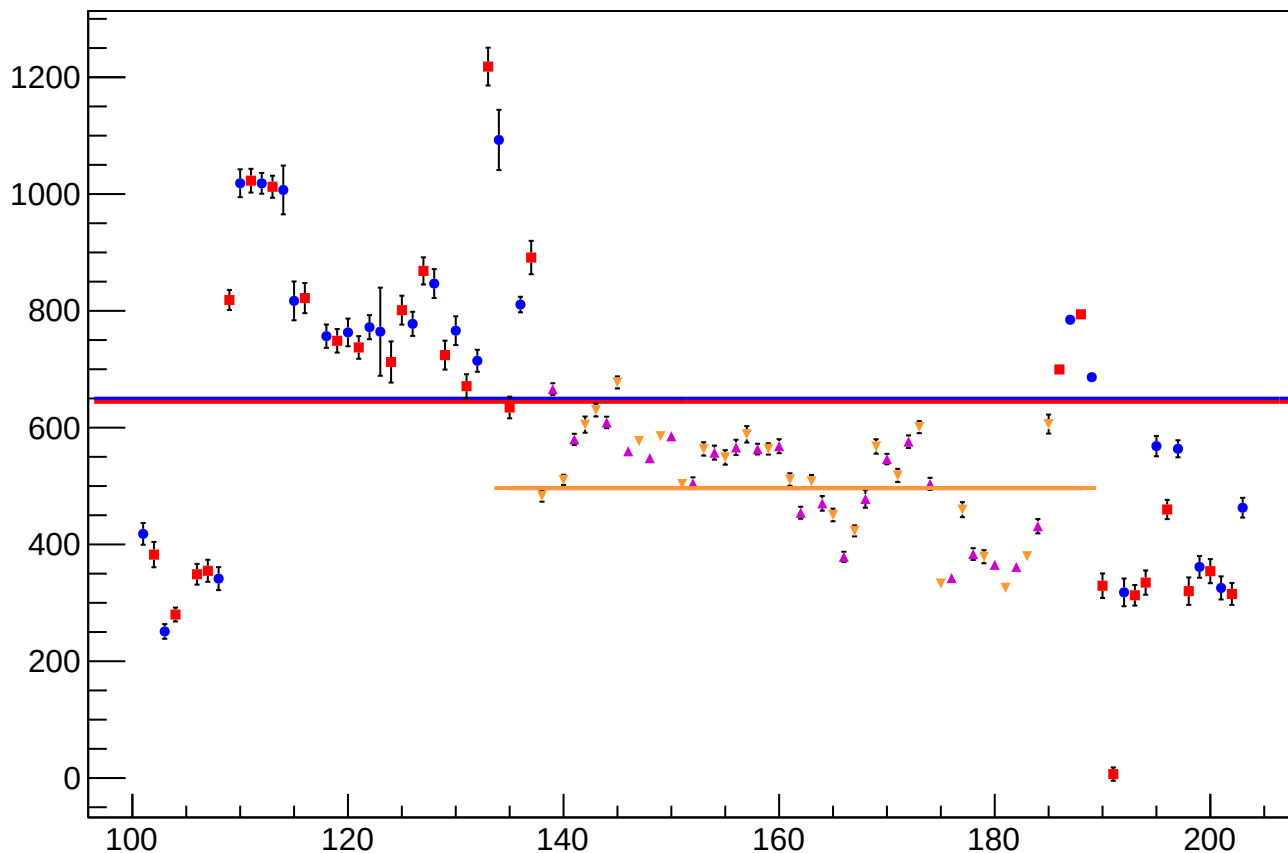
Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

+ sign -3.697 ± 1.274 $\chi^2/\text{NDF}: 1389.6/49$

All: -2.210 ± 0.895 $\chi^2/\text{NDF}: 2764.1/100$

- sign -0.758 ± 1.259 $\chi^2/\text{NDF}: 1371.8/50$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 649.614 ± 3.391 $\chi^2/\text{NDF}: 3784.4/24$

Left Out: 496.535 ± 1.971 $\chi^2/\text{NDF}: 2589.1/24$

Right Out: 644.256 ± 2.554 $\chi^2/\text{NDF}: 9160.8/27$

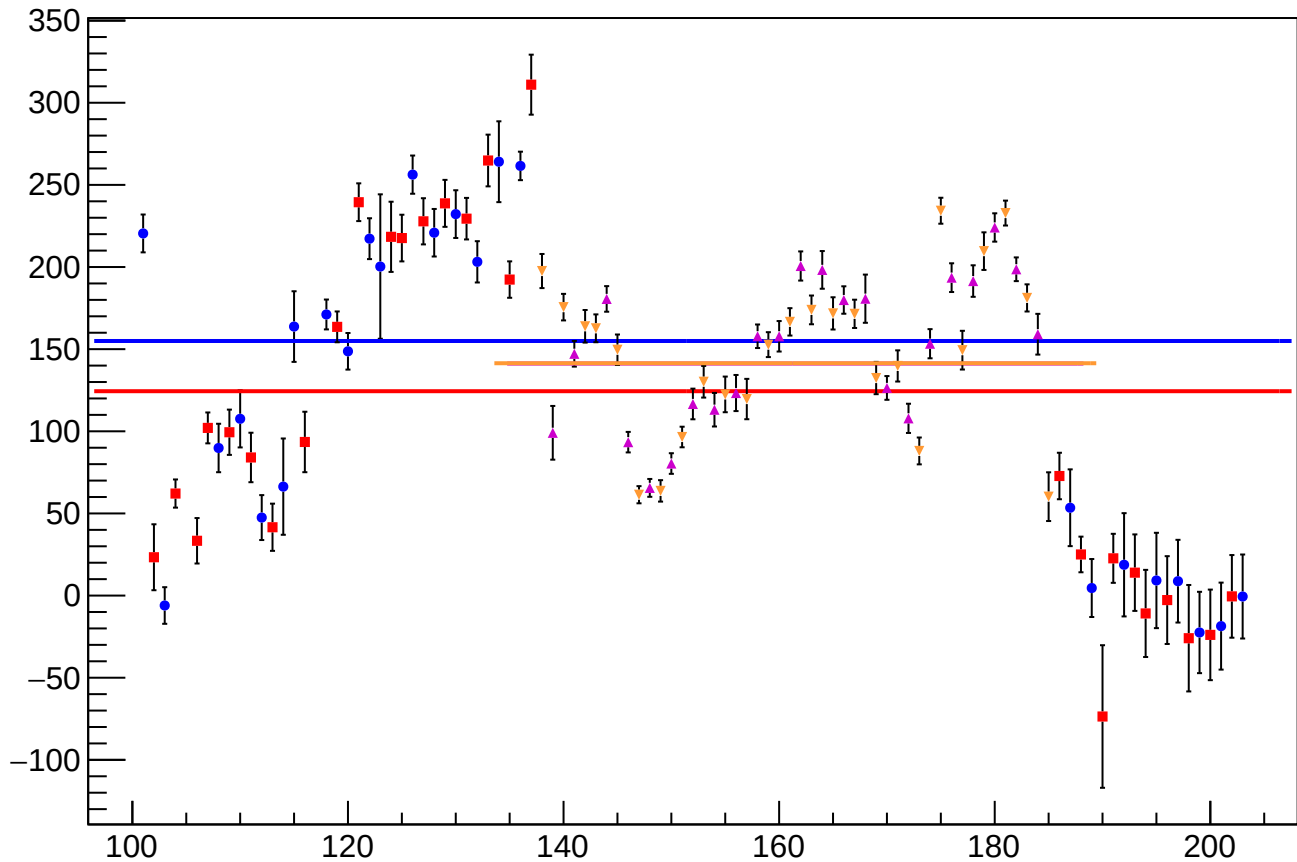
Left In: 496.393 ± 1.985 $\chi^2/\text{NDF}: 2295.8/22$

+ sign 535.188 ± 1.704 $\chi^2/\text{NDF}: 7896.4/49$

All: 544.340 ± 1.154 $\chi^2/\text{NDF}: 21495.1/100$

- sign 552.084 ± 1.568 $\chi^2/\text{NDF}: 13545.5/50$

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: 124.408 $\pm$ 2.726 χ^2 /NDF: 1073.3/27

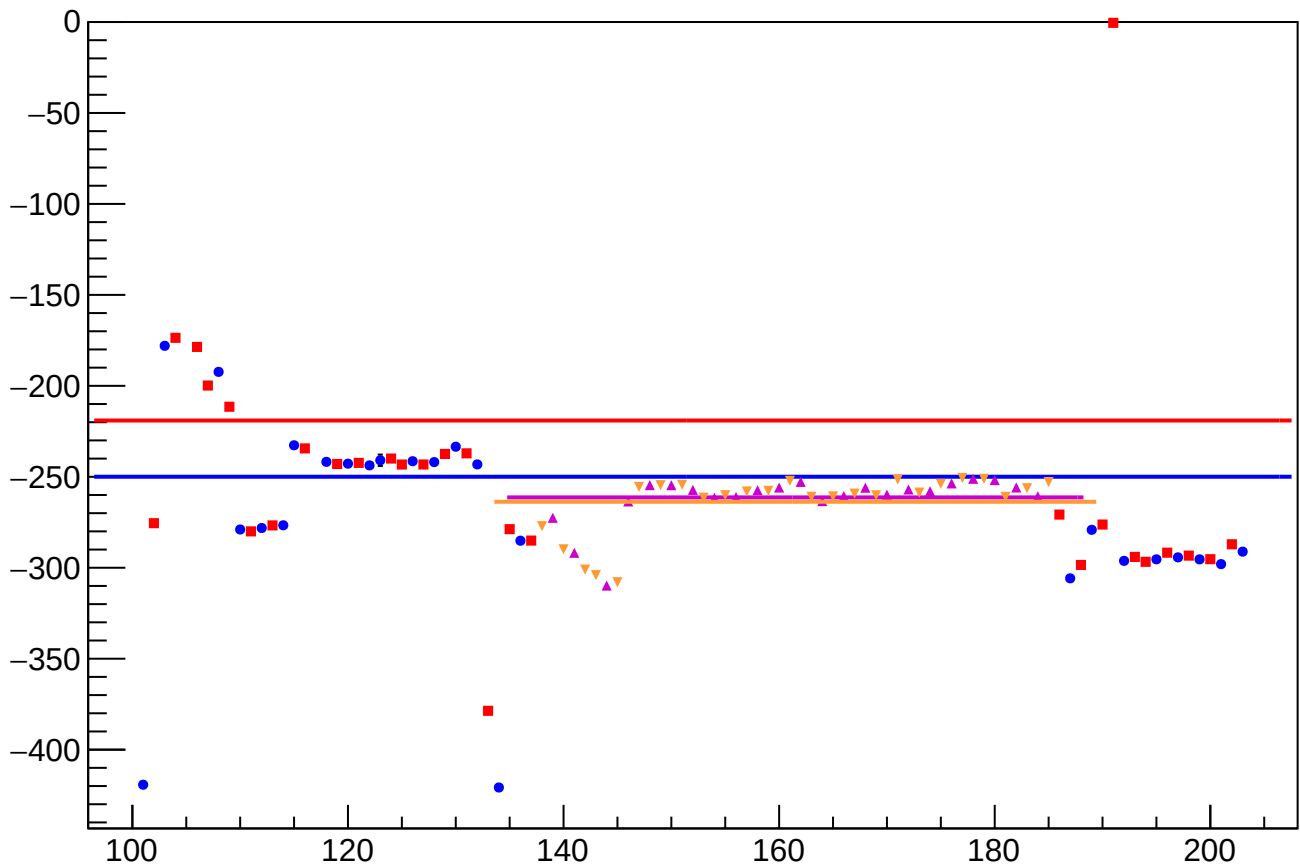
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF: 744.2/22

+ sign 144.729 $\pm$ 1.482 χ^2 /NDF: 1952.6/49

All: 140.506 $\pm$ 1.043 χ^2 /NDF: 3813.2/100

- sign 136.357 $\pm$ 1.469 χ^2 /NDF: 1844.5/50

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: -219.050 ± 0.125 $\chi^2/\text{NDF}: 459517.5/27$

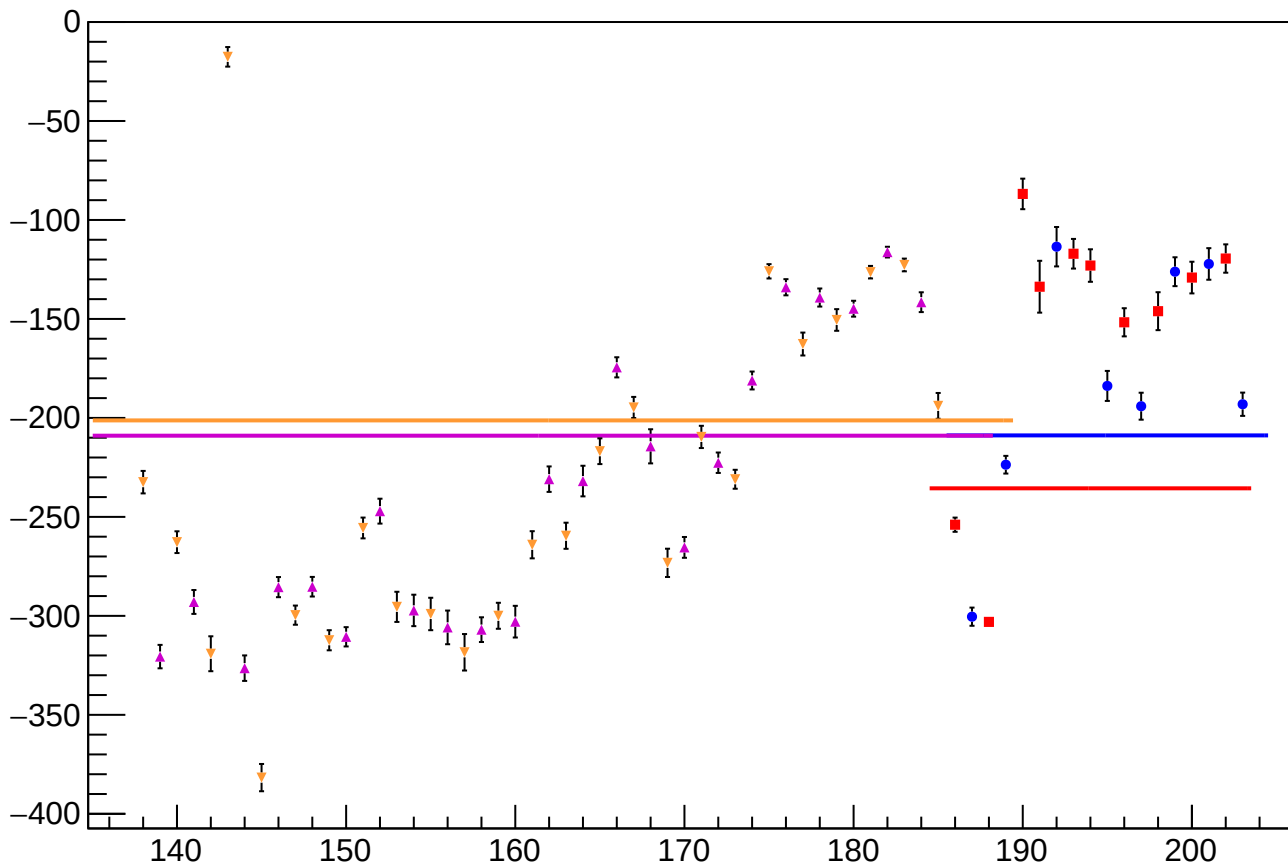
Left In: -261.325 ± 0.082 $\chi^2/\text{NDF}: 23449.2/22$

+ sign -260.324 ± 0.071 $\chi^2/\text{NDF}: 237939.1/49$

All: -254.348 ± 0.049 $\chi^2/\text{NDF}: 814547.3/100$

- sign -248.744 ± 0.068 $\chi^2/\text{NDF}: 562750.0/50$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -208.834 ± 2.182 χ^2/NDF : 769.7/7

Left Out: -201.261 ± 1.065 χ^2/NDF : 6110.1/24

Right Out: -235.572 ± 1.629 χ^2/NDF : 2372.9/9

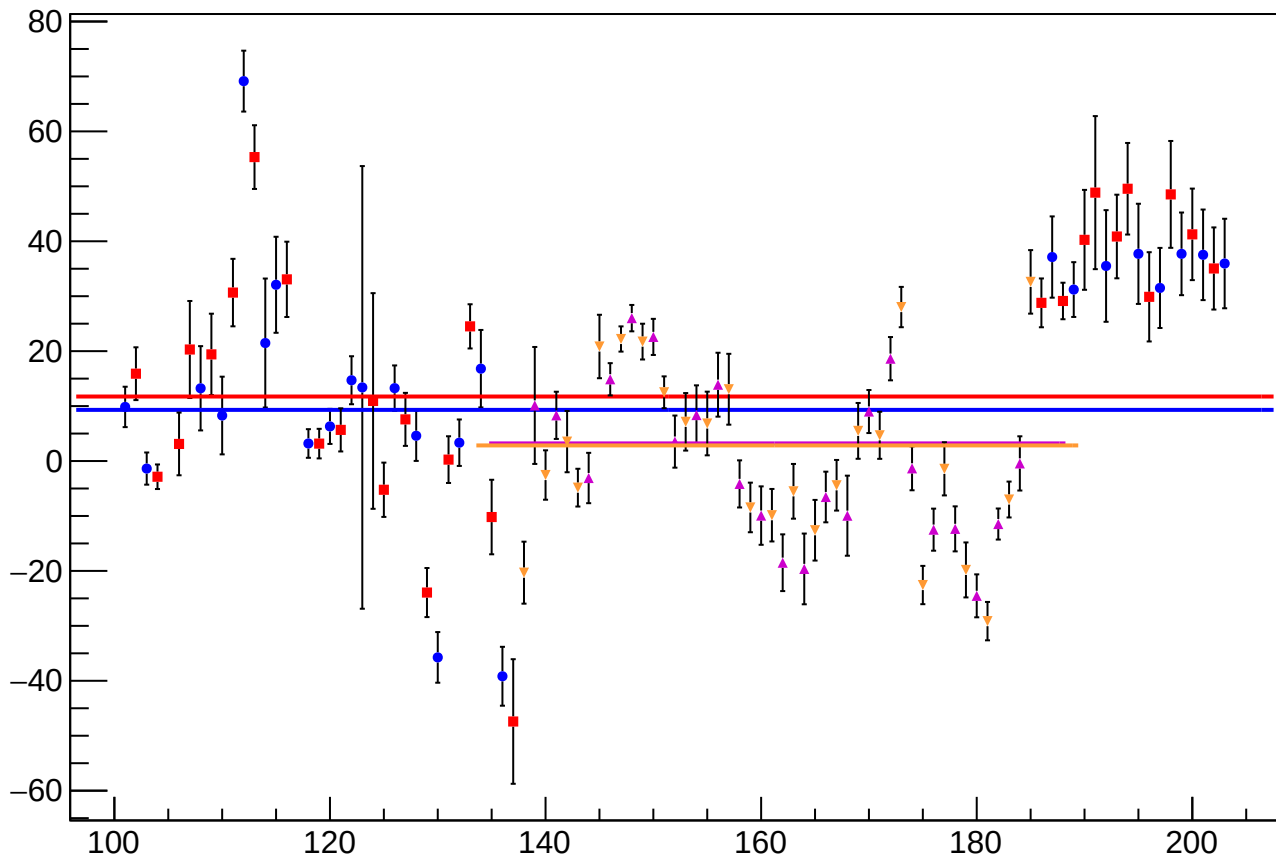
Left In: -208.981 ± 1.078 χ^2/NDF : 4865.2/22

+ sign -202.719 ± 0.957 χ^2/NDF : 6889.5/32

All: -210.349 ± 0.655 χ^2/NDF : 14432.3/65

- sign -217.078 ± 0.899 χ^2/NDF : 7423.3/32

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: 11.742 ± 0.946 $\chi^2/\text{NDF}: 403.1/27$

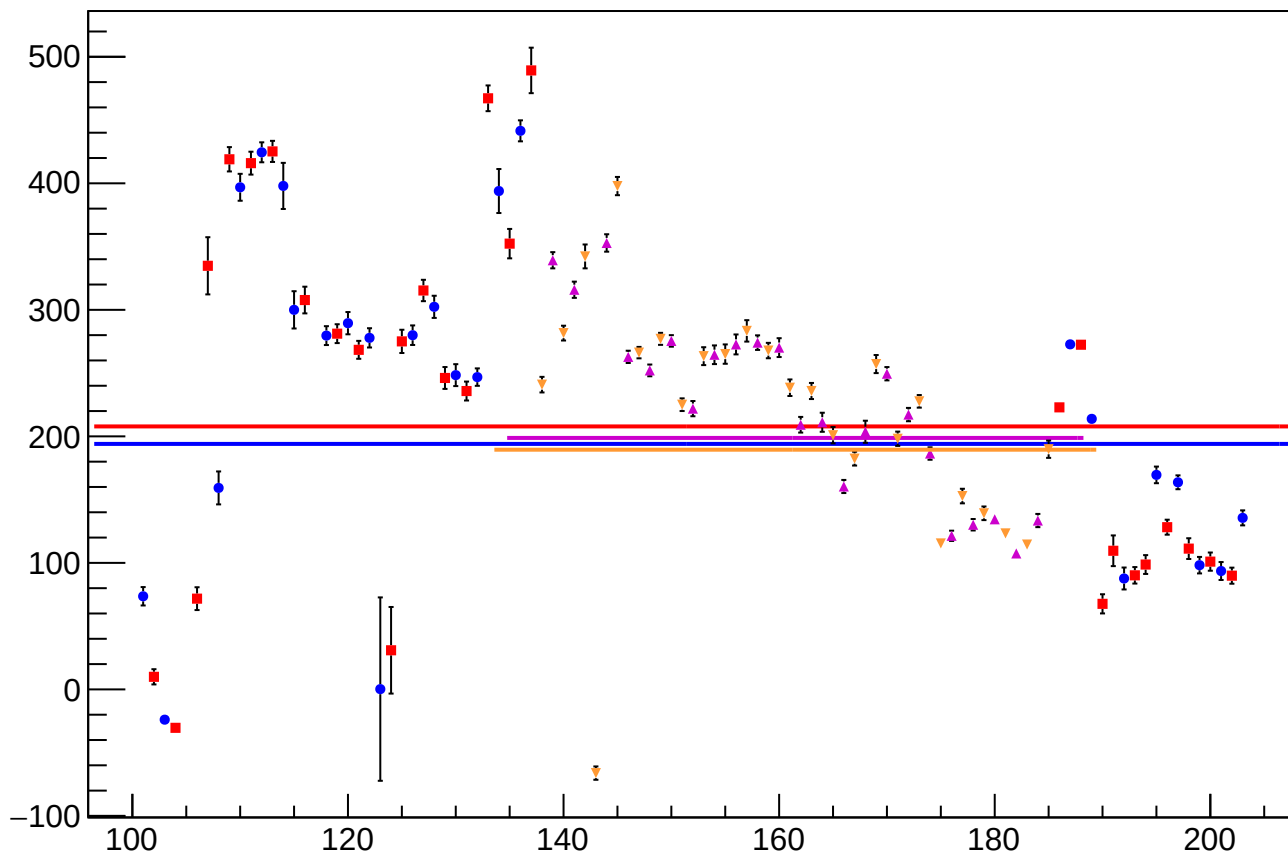
Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

+ sign 5.441 ± 0.637 $\chi^2/\text{NDF}: 869.5/49$

All: 6.245 ± 0.449 $\chi^2/\text{NDF}: 1644.4/100$

- sign 7.041 ± 0.634 $\chi^2/\text{NDF}: 771.8/50$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 194.032 ± 1.362 $\chi^2/\text{NDF}: 7941.9/24$

Left Out: 189.453 ± 1.070 $\chi^2/\text{NDF}: 6649.7/24$

Right Out: 207.852 ± 1.106 $\chi^2/\text{NDF}: 11222.0/27$

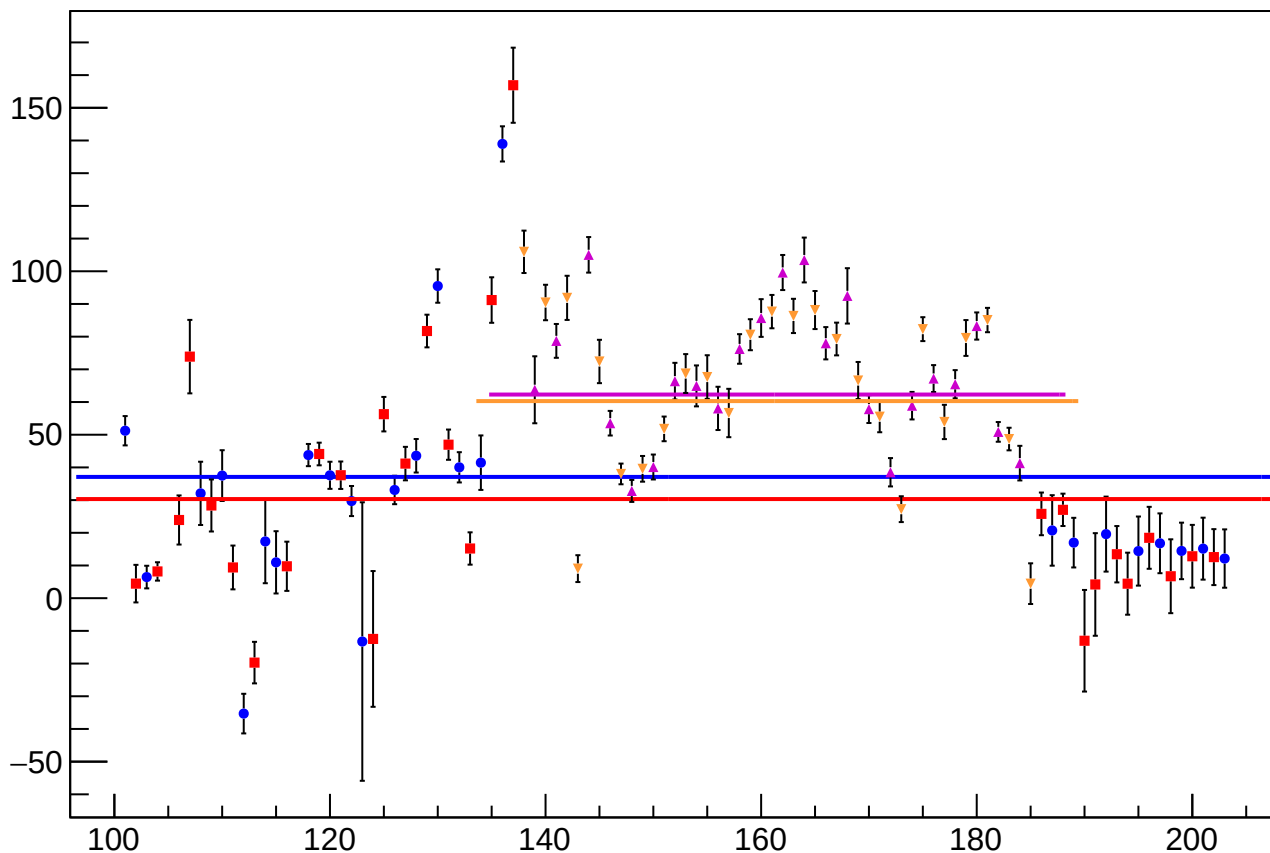
Left In: 198.762 ± 1.078 $\chi^2/\text{NDF}: 4590.0/22$

+ sign 191.200 ± 0.841 $\chi^2/\text{NDF}: 14598.6/49$

All: 197.709 ± 0.569 $\chi^2/\text{NDF}: 30555.5/100$

- sign 203.189 ± 0.772 $\chi^2/\text{NDF}: 15846.7/50$

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: 30.319 ± 1.135 $\chi^2/\text{NDF}: 591.6/27$

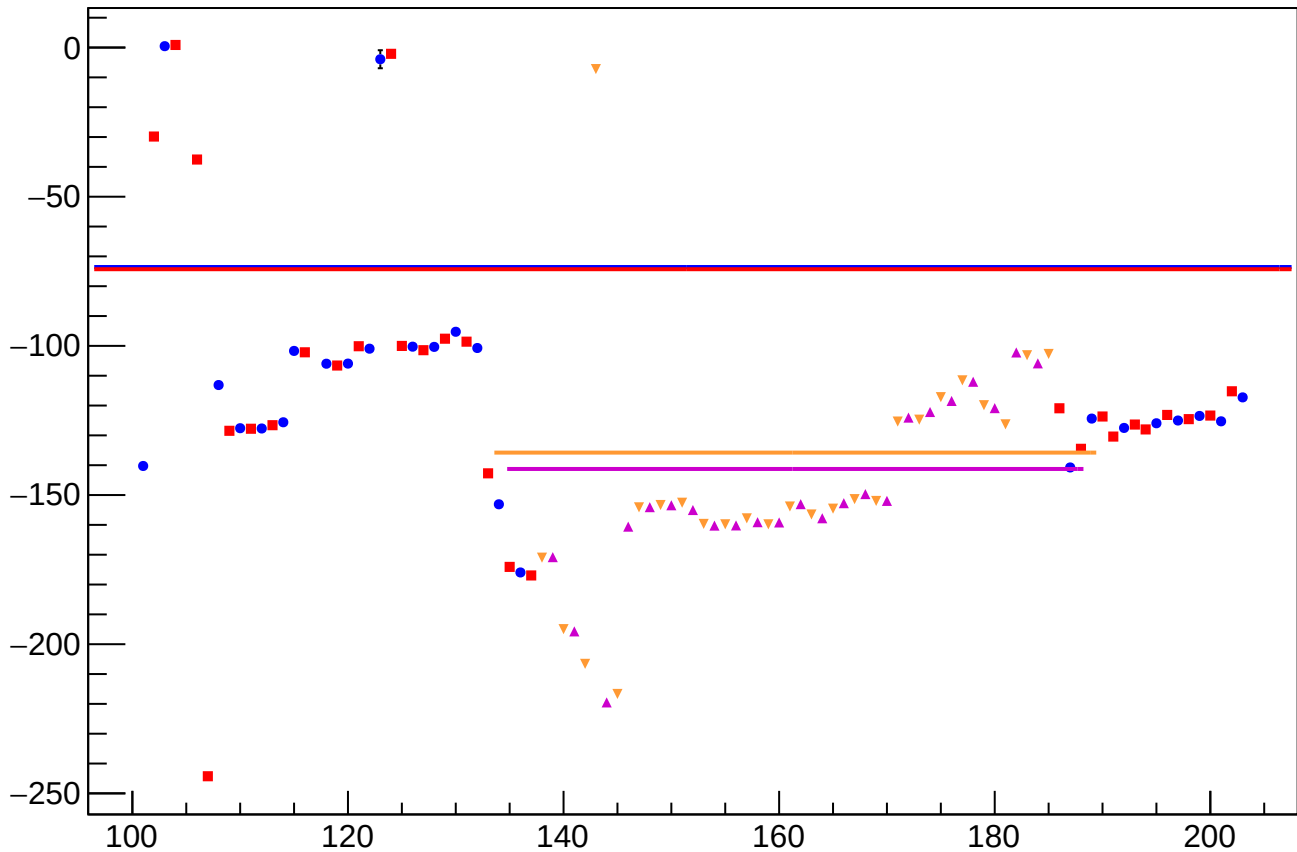
Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

+ sign 51.257 ± 0.738 $\chi^2/\text{NDF}: 1731.5/49$

All: 50.017 ± 0.522 $\chi^2/\text{NDF}: 3198.3/100$

- sign 48.778 ± 0.738 $\chi^2/\text{NDF}: 1461.1/50$

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: -74.303 ± 0.051 $\chi^2/\text{NDF}: 1381658.2/27$

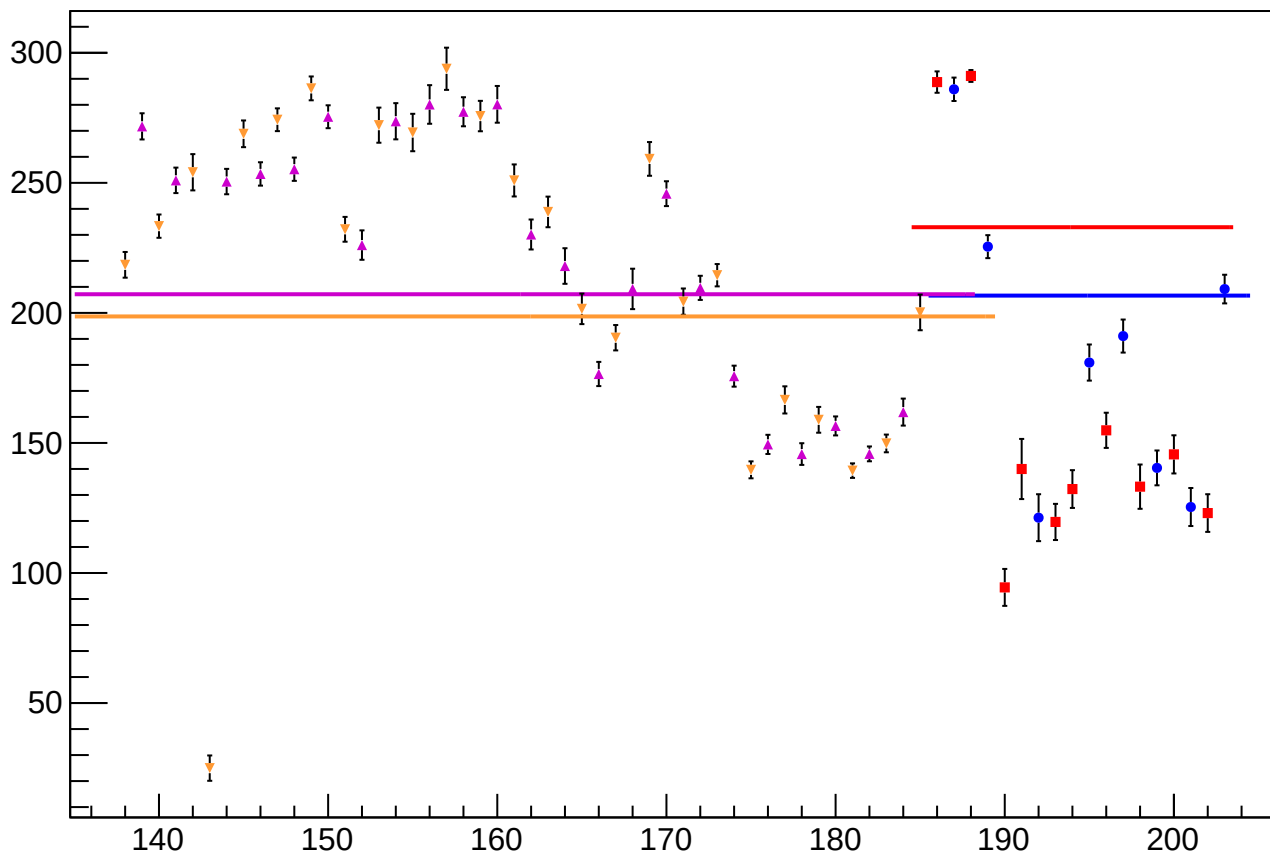
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -110.480 ± 0.034 $\chi^2/\text{NDF}: 2907558.0/49$

All: -111.256 ± 0.024 $\chi^2/\text{NDF}: 5602938.8/10$

- sign -112.007 ± 0.034 $\chi^2/\text{NDF}: 2694380.3/50$

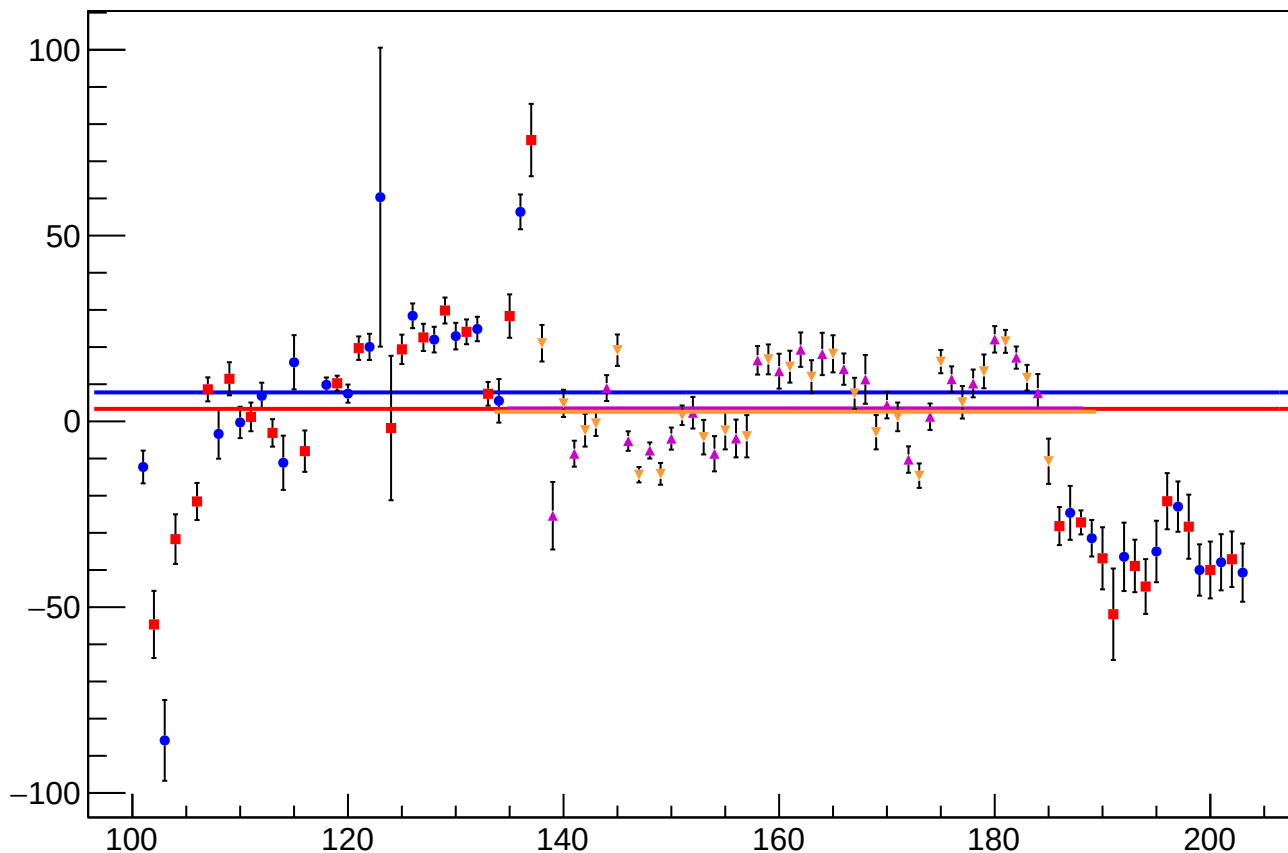
reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 206.651 ± 2.074 $\chi^2/\text{NDF}: 660.1/7$
 Left Out: 198.637 ± 0.966 $\chi^2/\text{NDF}: 4146.6/24$
 Right Out: 232.944 ± 1.597 $\chi^2/\text{NDF}: 2380.7/9$
 Left In: 207.171 ± 0.986 $\chi^2/\text{NDF}: 2631.6/22$

+ sign 200.066 ± 0.876 $\chi^2/\text{NDF}: 4818.9/32$
 All: 207.479 ± 0.606 $\chi^2/\text{NDF}: 10157.1/65$
 - sign 214.283 ± 0.839 $\chi^2/\text{NDF}: 5200.8/32$

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: 3.367 ± 0.831 χ^2/NDF : 695.0/27

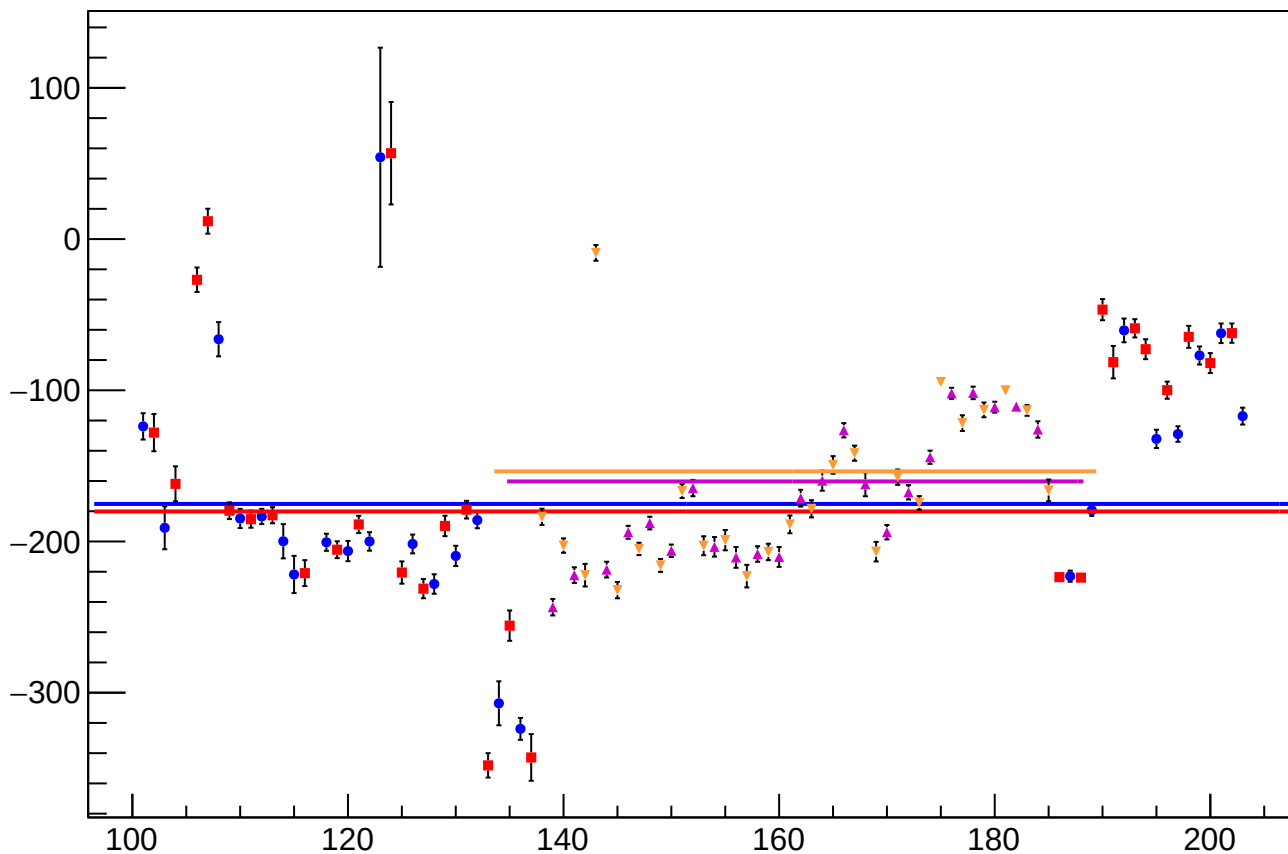
Left In: 3.478 ± 0.772 χ^2/NDF : 194.7/22

+ sign 4.817 ± 0.563 χ^2/NDF : 904.8/49

All: 4.125 ± 0.399 χ^2/NDF : 1797.6/100

- sign 3.426 ± 0.566 χ^2/NDF : 889.7/50

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -175.174 $\pm$ 1.265 χ^2/NDF : 2033.3/24

Left Out: -153.649 $\pm$ 0.970 χ^2/NDF : 2930.9/24

Right Out: -180.146 $\pm$ 1.048 χ^2/NDF : 4587.0/27

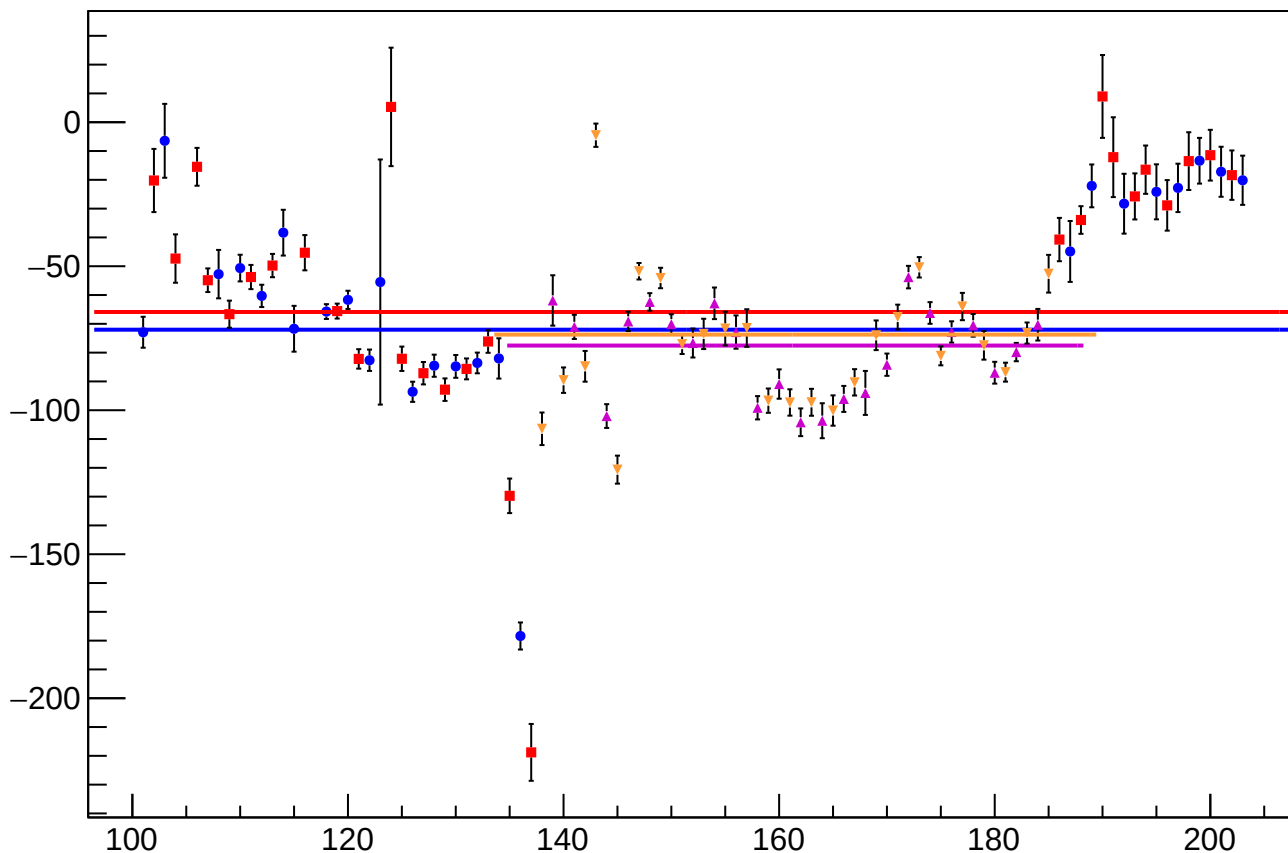
Left In: -160.279 $\pm$ 0.985 χ^2/NDF : 2049.4/22

+ sign -161.618 $\pm$ 0.770 χ^2/NDF : 5146.5/49

All: -165.885 $\pm$ 0.525 χ^2/NDF : 12031.2/100

- sign -169.596 $\pm$ 0.718 χ^2/NDF : 6827.2/50

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -72.038 $\pm$ 1.008 χ^2/NDF : 948.5/24

Left Out: -73.741 $\pm$ 0.855 χ^2/NDF :728.3/24

Right Out: -65.888 $\pm$ 0.976 χ^2/NDF : 912.5/27

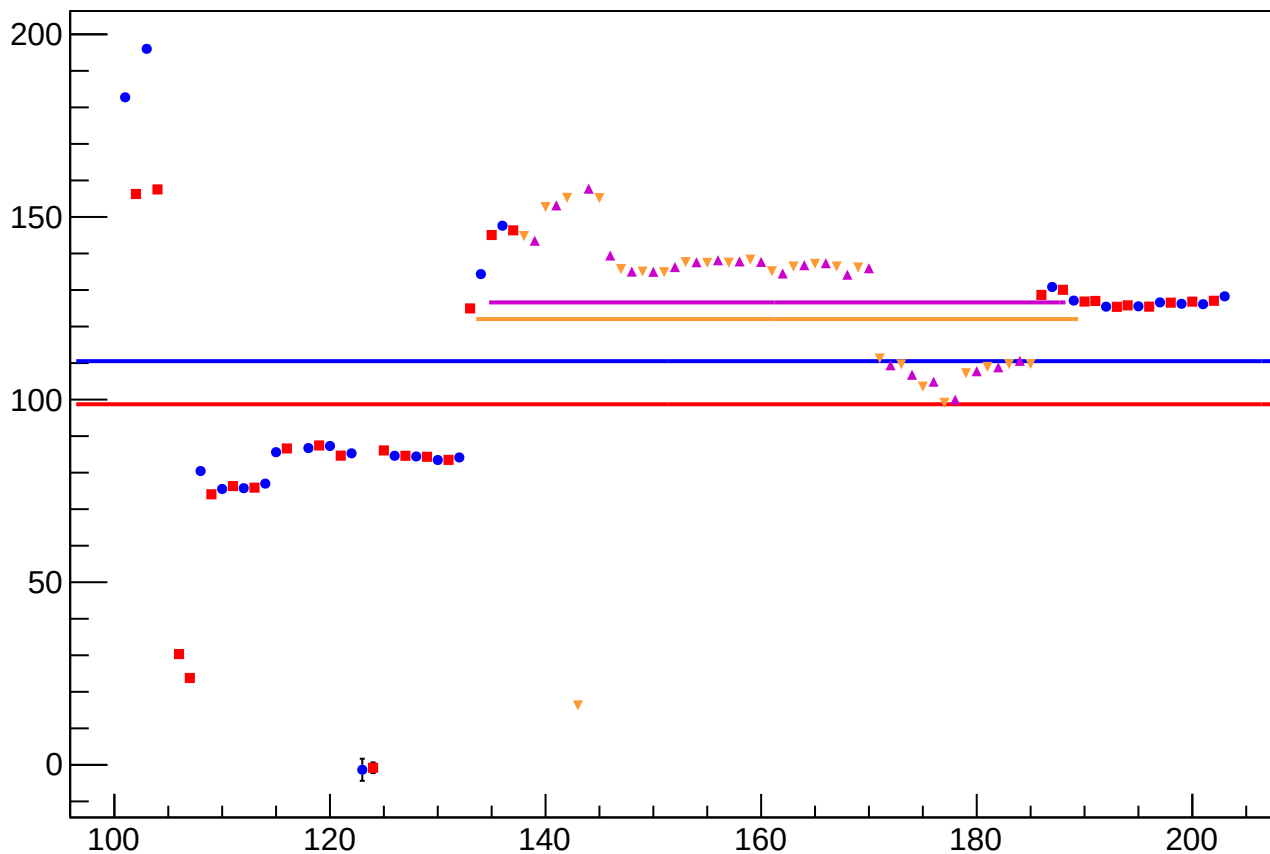
Left In: -77.545 $\pm$ 0.880 χ^2/NDF :252.7/22

+ sign -73.029 $\pm$ 0.652 χ^2/NDF : 1678.4/49

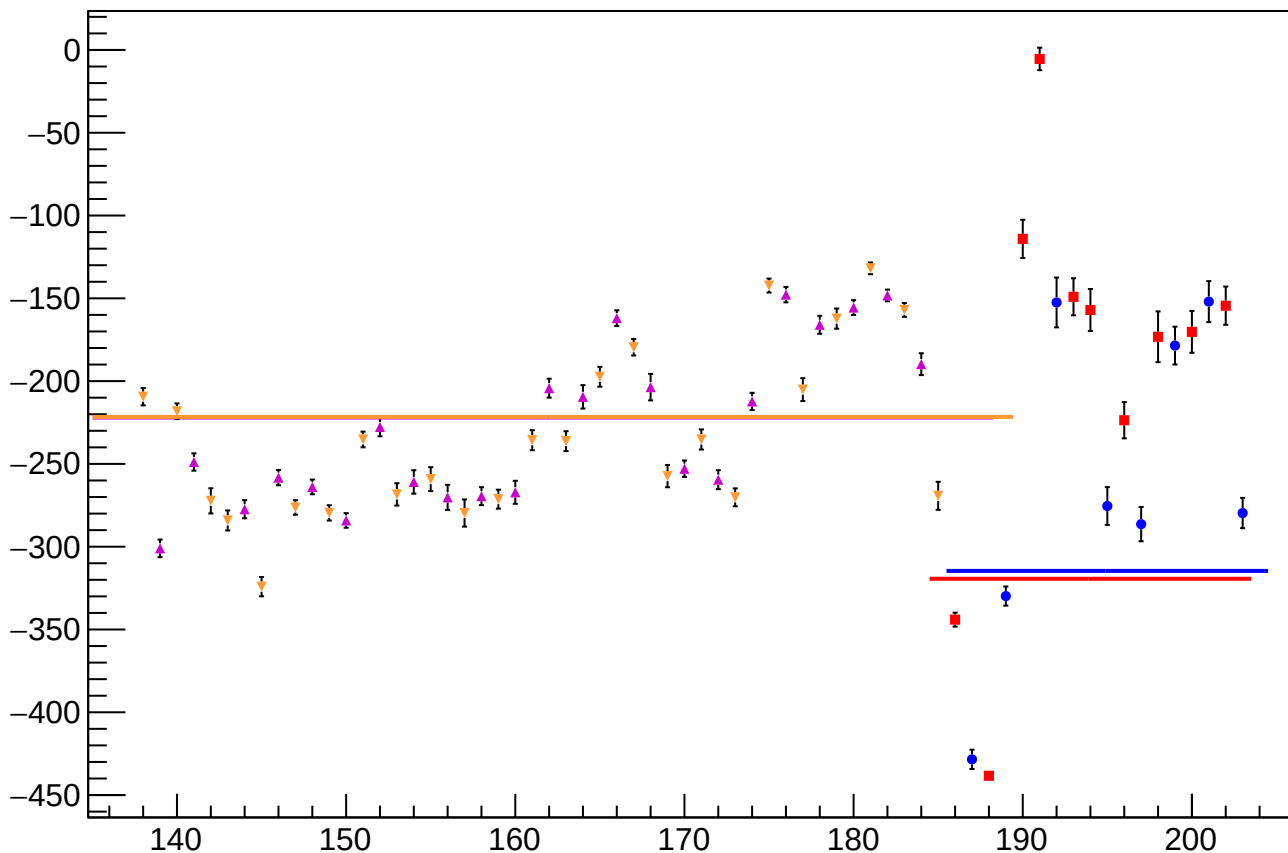
All: -72.675 $\pm$ 0.462 χ^2/NDF : 2922.9/100

- sign -72.319 $\pm$ 0.654 χ^2/NDF : 1243.9/50

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



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: -319.361 ± 2.064 χ^2/NDF : 4924.1/9

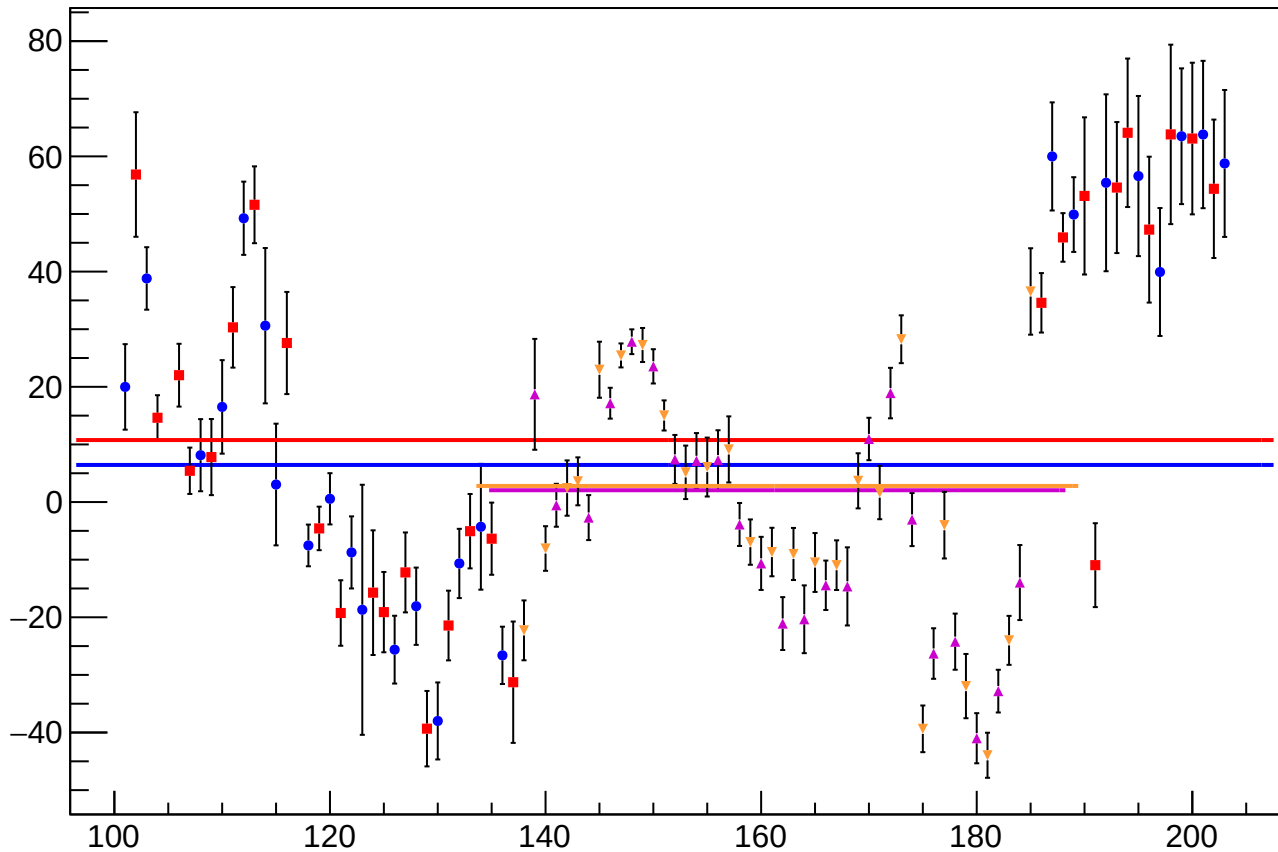
Left In: -221.980 ± 1.098 χ^2/NDF : 2190.6/22

+ sign -232.051 ± 1.024 χ^2/NDF : 4240.0/32

All: -238.069 ± 0.704 χ^2/NDF : 13154.7/65

- sign -243.458 ± 0.969 χ^2/NDF : 8849.3/32

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 6.442 ± 1.402 χ^2/NDF : 423.8/24

Left Out: 2.800 ± 0.810 χ^2/NDF : 685.5/24

Right Out: 10.760 ± 1.228 χ^2/NDF : 460.6/27

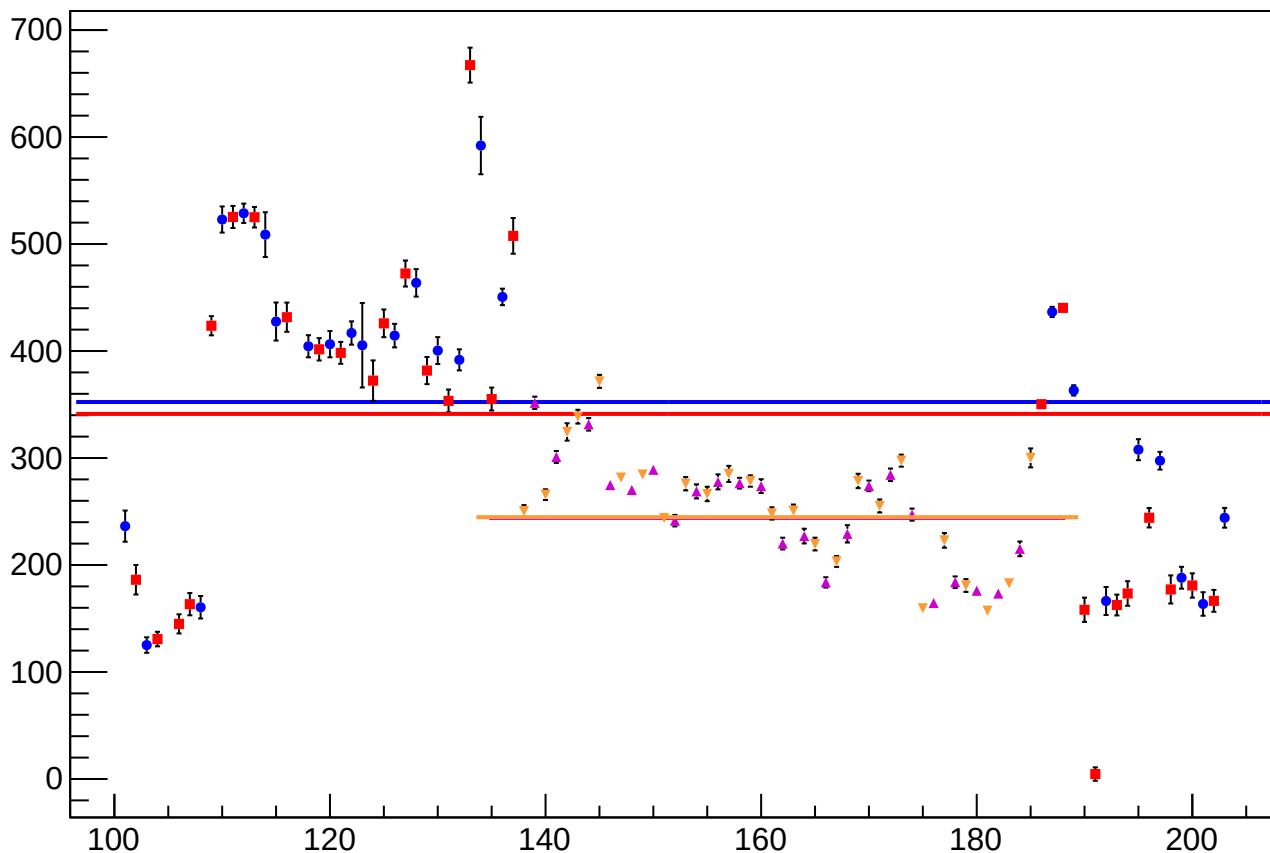
Left In: 2.050 ± 0.833 χ^2/NDF : 592.6/22

+ sign 3.710 ± 0.701 χ^2/NDF : 1114.3/49

All: 4.261 ± 0.492 χ^2/NDF : 2203.2/100

- sign 4.795 ± 0.689 χ^2/NDF : 1087.6/50

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 352.332 ± 1.897 $\chi^2/\text{NDF}: 3756.1/24$

Left Out: 244.716 ± 1.085 $\chi^2/\text{NDF}: 2565.7/24$

Right Out: 341.215 ± 1.421 $\chi^2/\text{NDF}: 9497.6/27$

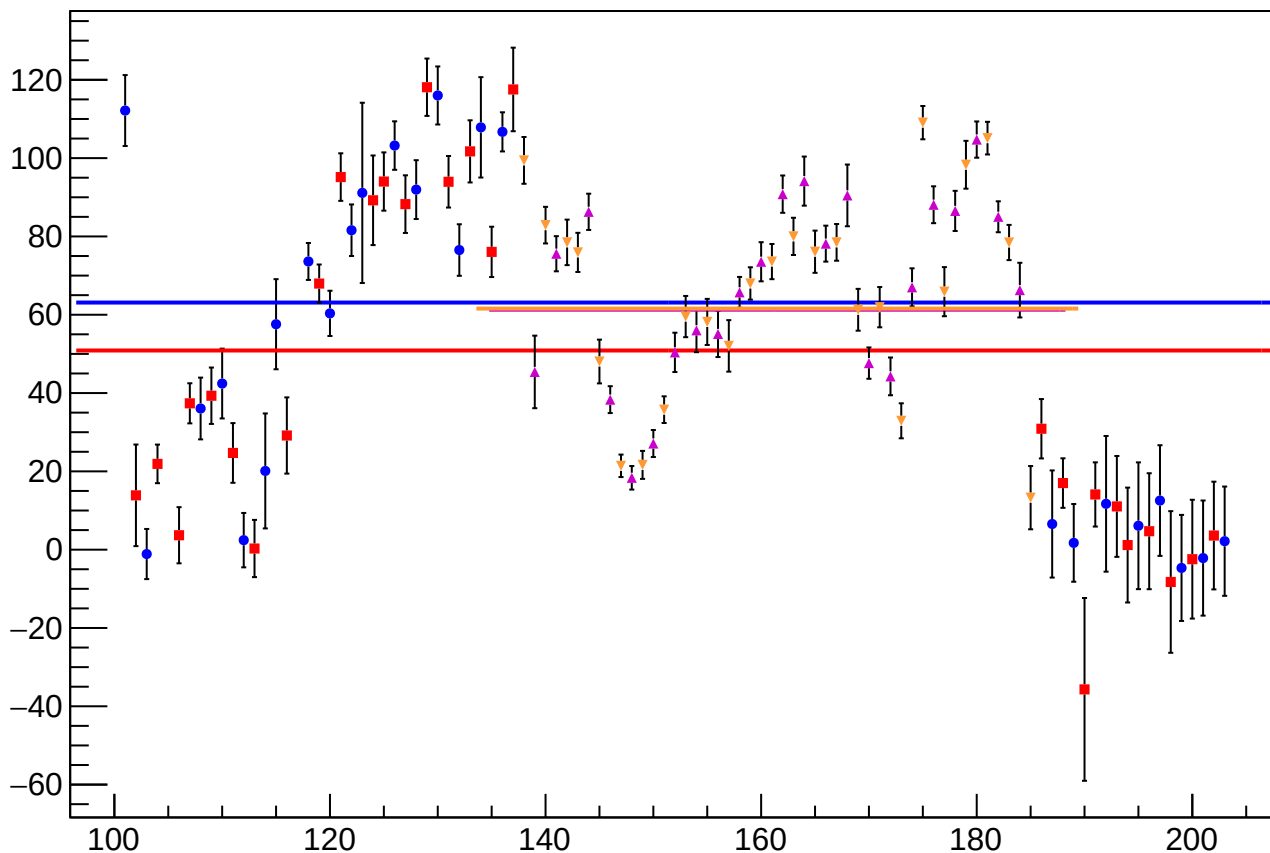
Left In: 243.933 ± 1.090 $\chi^2/\text{NDF}: 2294.8/22$

+ sign 271.228 ± 0.942 $\chi^2/\text{NDF}: 8747.5/49$

All: 275.968 ± 0.637 $\chi^2/\text{NDF}: 23536.8/100$

- sign 279.968 ± 0.865 $\chi^2/\text{NDF}: 14742.5/50$

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: 50.871 $\pm$ 1.472 χ^2 /NDF: 653.9/27

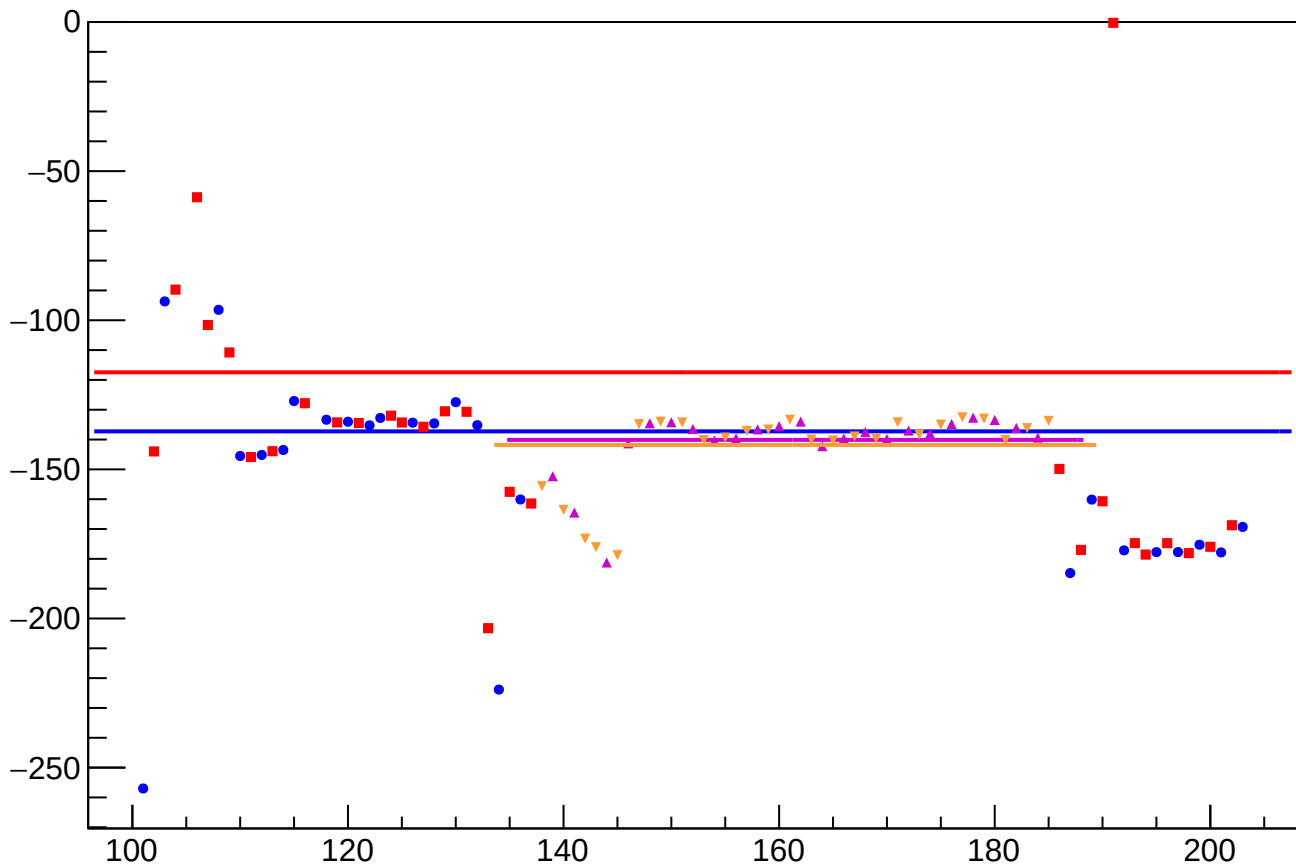
Left In: 61.286 $\pm$ 0.959 χ^2 /NDF: 702.8/22

+ sign 61.955 $\pm$ 0.815 χ^2 /NDF: 1470.9/49

All: 60.043 $\pm$ 0.572 χ^2 /NDF: 2873.6/100

- sign 58.183 $\pm$ 0.803 χ^2 /NDF: 1391.9/50

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: -117.455 ± 0.069 $\chi^2/\text{NDF}: 575578.8/27$

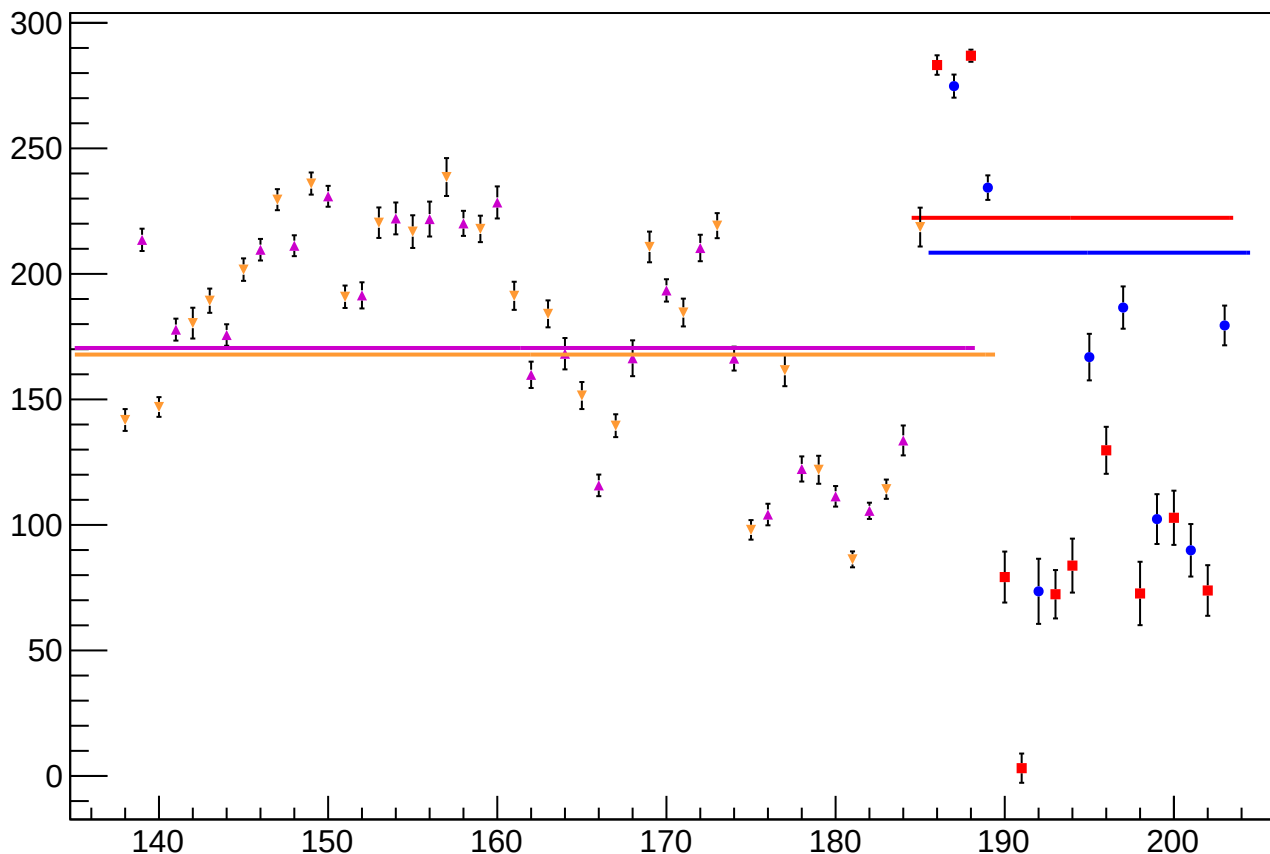
Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

+ sign -140.707 ± 0.039 $\chi^2/\text{NDF}: 308419.2/49$

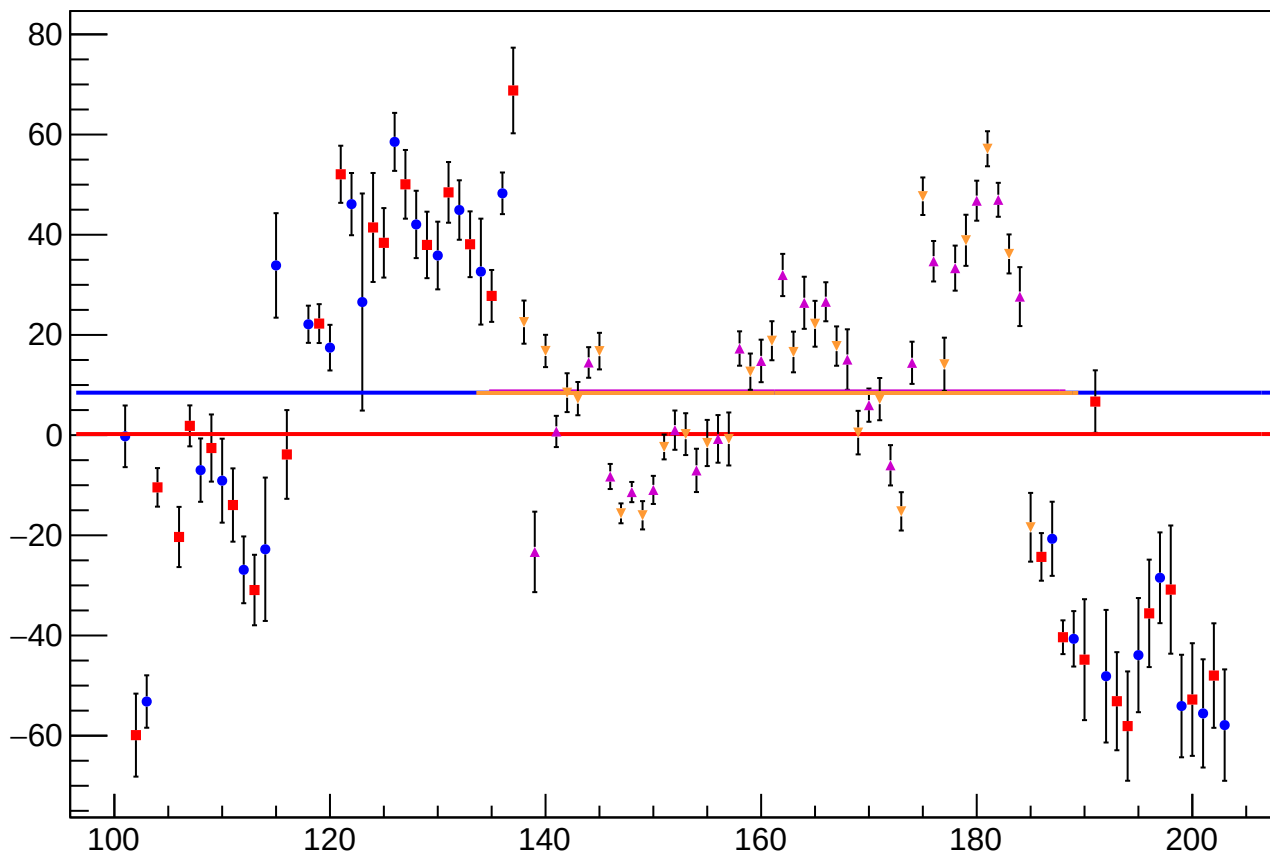
All: -136.902 ± 0.027 $\chi^2/\text{NDF}: 1026773.2/10$

- sign -133.369 ± 0.038 $\chi^2/\text{NDF}: 699992.3/50$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 8.475 ± 1.337 $\chi^2/\text{NDF}: 754.3/24$

Left Out: 8.415 ± 0.731 $\chi^2/\text{NDF}: 750.6/24$

Right Out: 0.214 ± 1.170 $\chi^2/\text{NDF}: 835.4/27$

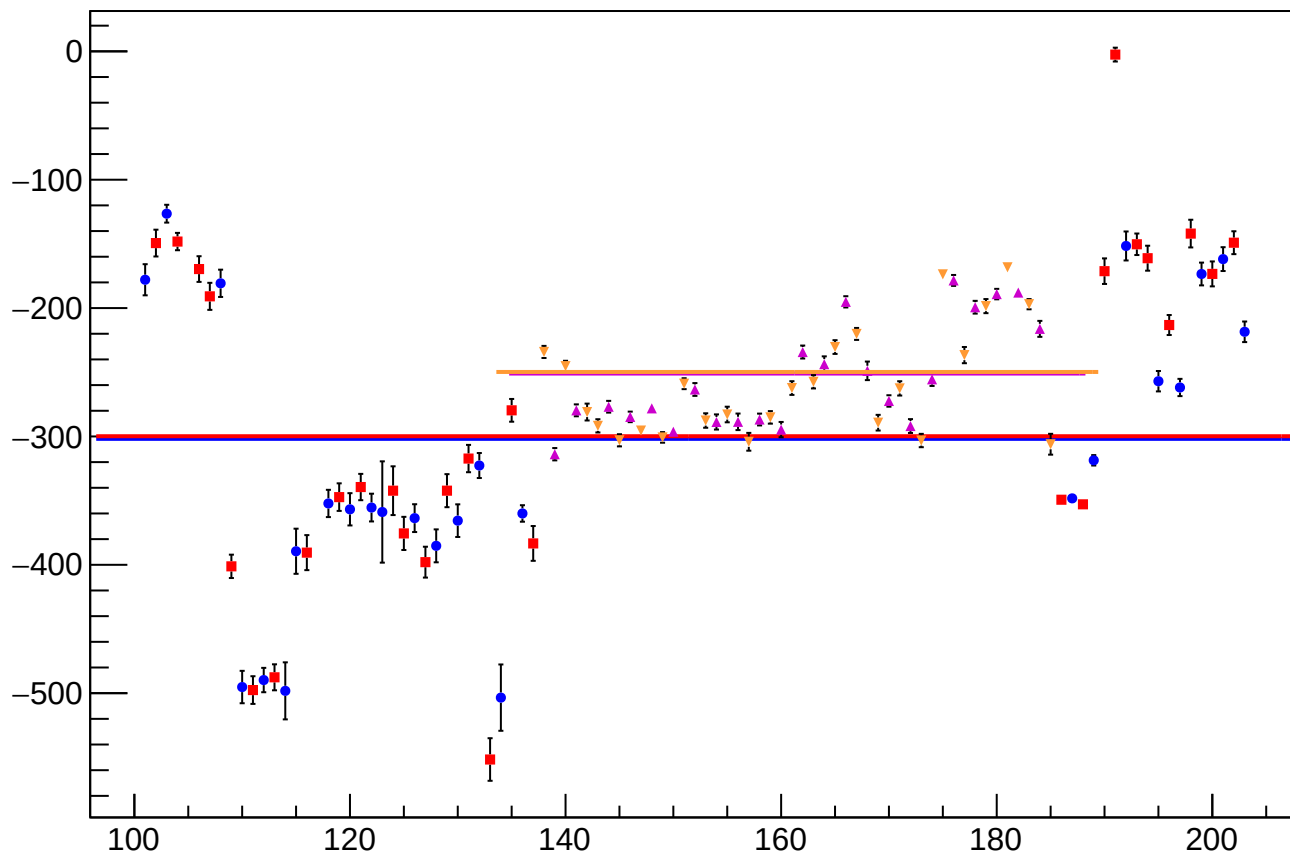
Left In: 8.730 ± 0.757 $\chi^2/\text{NDF}: 630.1/22$

+ sign 8.429 ± 0.641 $\chi^2/\text{NDF}: 1504.9/49$

All: 7.313 ± 0.451 $\chi^2/\text{NDF}: 3013.7/100$

- sign 6.217 ± 0.635 $\chi^2/\text{NDF}: 1502.8/50$

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: -299.834 ± 1.245 χ^2/NDF : 7792.7/27

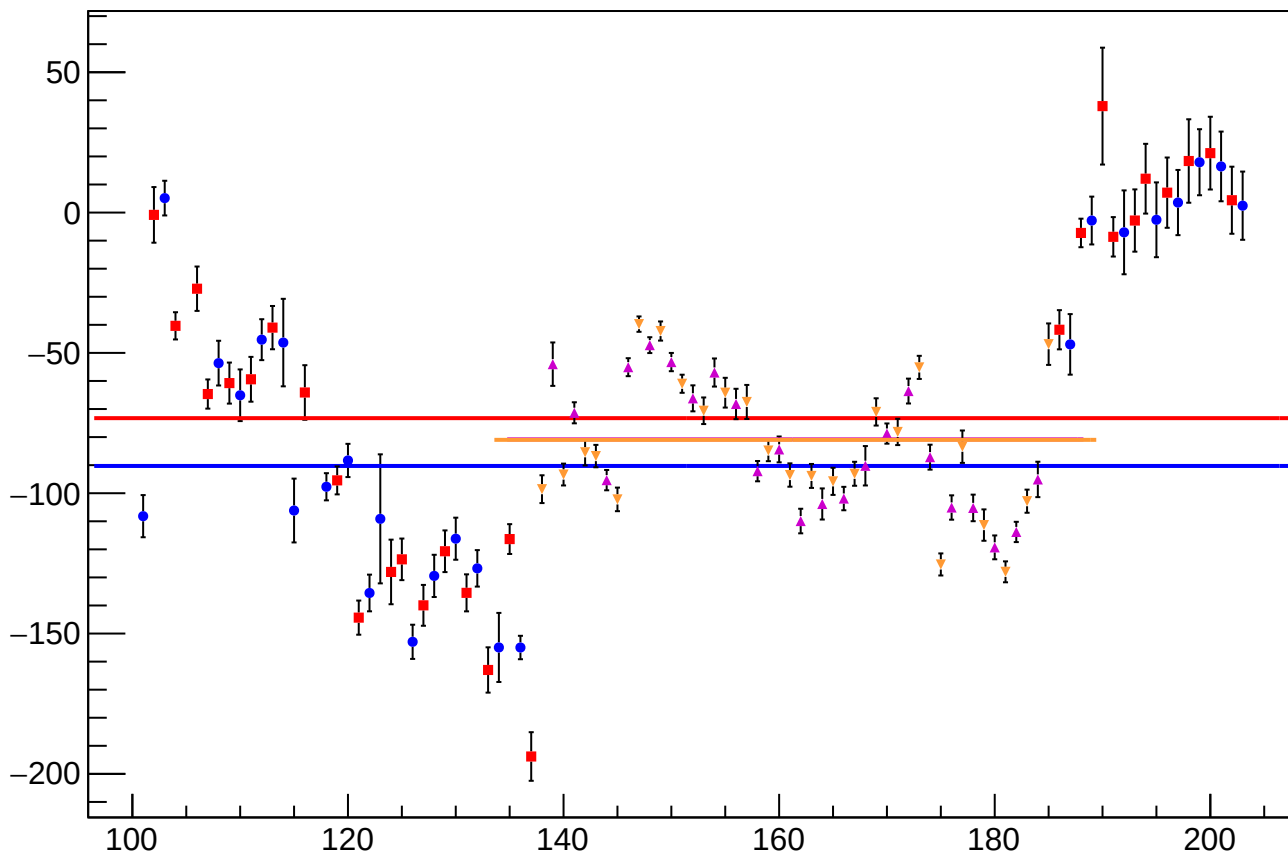
Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

+ sign -262.961 ± 0.843 χ^2/NDF : 5831.0/49

All: -266.698 ± 0.570 χ^2/NDF : 16563.3/100

- sign -269.845 ± 0.773 χ^2/NDF : 10696.1/50

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -90.284 ± 1.563 $\chi^2/\text{NDF}: 1294.0/24$

Left Out: -80.981 ± 0.846 $\chi^2/\text{NDF}: 911.2/24$

Right Out: -73.250 ± 1.408 $\chi^2/\text{NDF}: 1546.0/27$

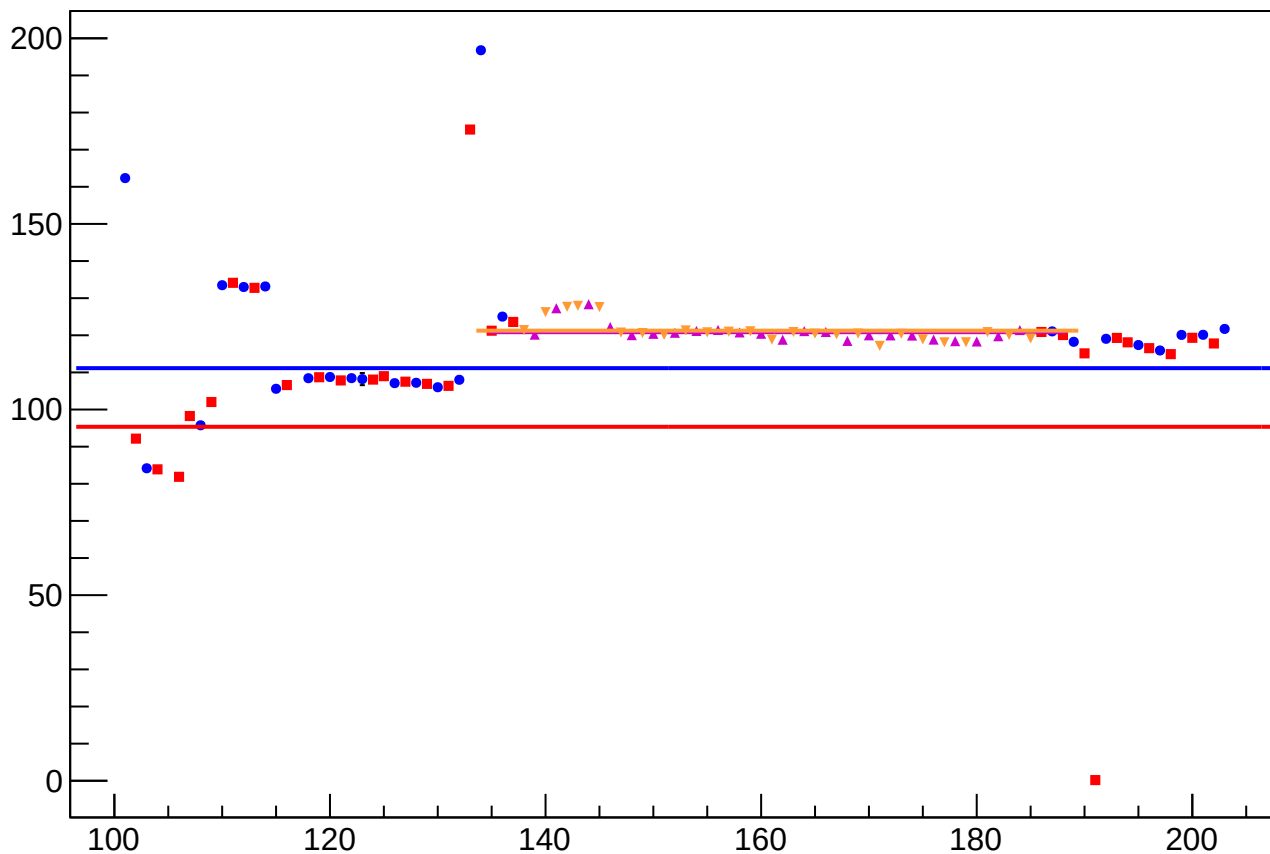
Left In: -80.803 ± 0.870 $\chi^2/\text{NDF}: 695.4/22$

+ sign -83.088 ± 0.744 $\chi^2/\text{NDF}: 2232.6/49$

All: -80.890 ± 0.525 $\chi^2/\text{NDF}: 4512.2/100$

- sign -78.717 ± 0.740 $\chi^2/\text{NDF}: 2262.2/50$

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: 95.354 $\pm$ 0.064 χ^2 /NDF: 339543.5/27

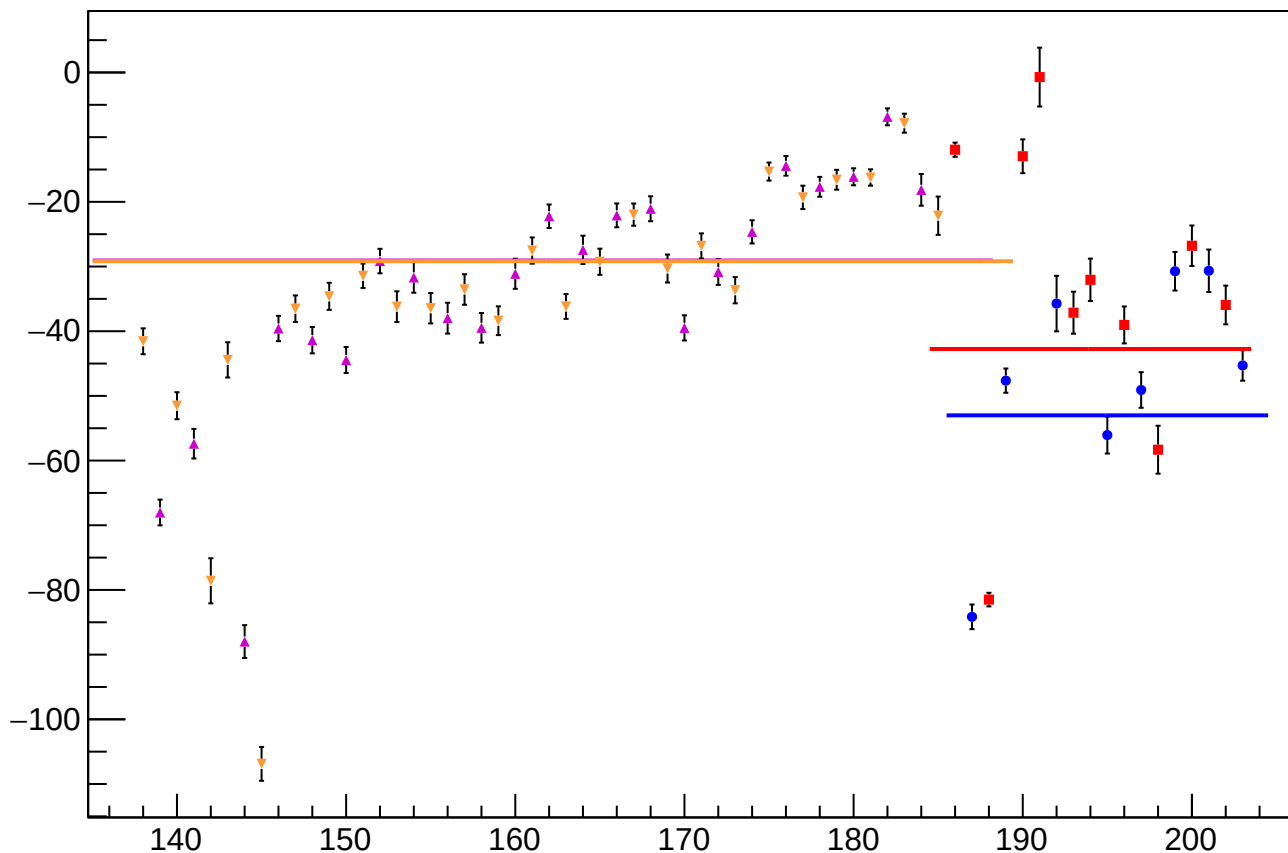
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.909 $\pm$ 0.035 χ^2 /NDF: 96861.5/49

All: 116.105 $\pm$ 0.025 χ^2 /NDF: 566320.9/100

- sign 113.472 $\pm$ 0.034 χ^2 /NDF: 457195.0/50

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -53.011 ± 0.893 χ^2/NDF : 407.4/7

Left Out: -29.182 ± 0.389 χ^2/NDF : 1880.4/24

Right Out: -42.750 ± 0.629 χ^2/NDF : 2430.3/9

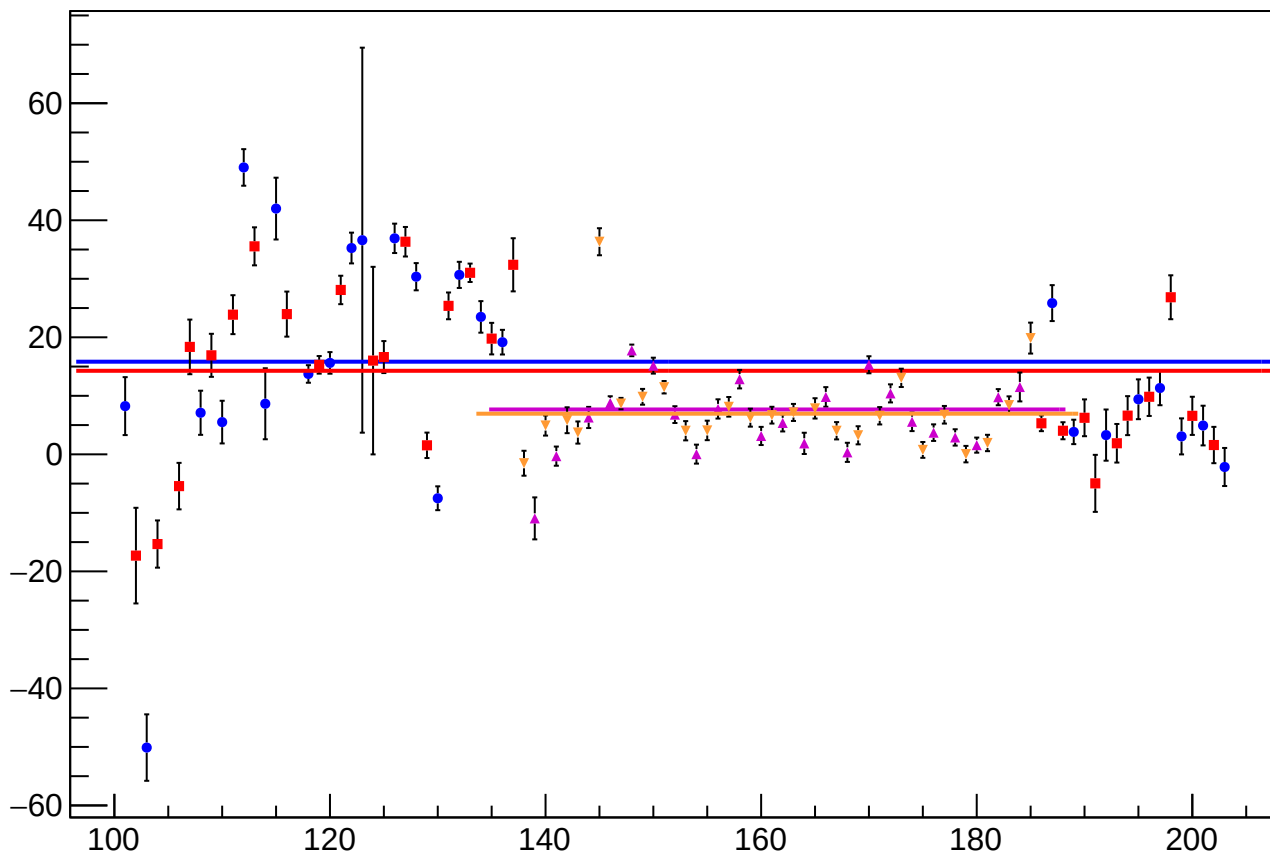
Left In: -29.073 ± 0.394 χ^2/NDF : 1872.4/22

+ sign -32.985 ± 0.357 χ^2/NDF : 2886.1/32

All: -32.954 ± 0.244 χ^2/NDF : 7528.6/65

- sign -32.927 ± 0.334 χ^2/NDF : 4642.5/32

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 15.831 ± 0.551 $\chi^2/\text{NDF}: 757.8/24$

Left Out: 6.943 ± 0.304 $\chi^2/\text{NDF}: 322.6/24$

Right Out: 14.277 ± 0.493 $\chi^2/\text{NDF}: 624.3/27$

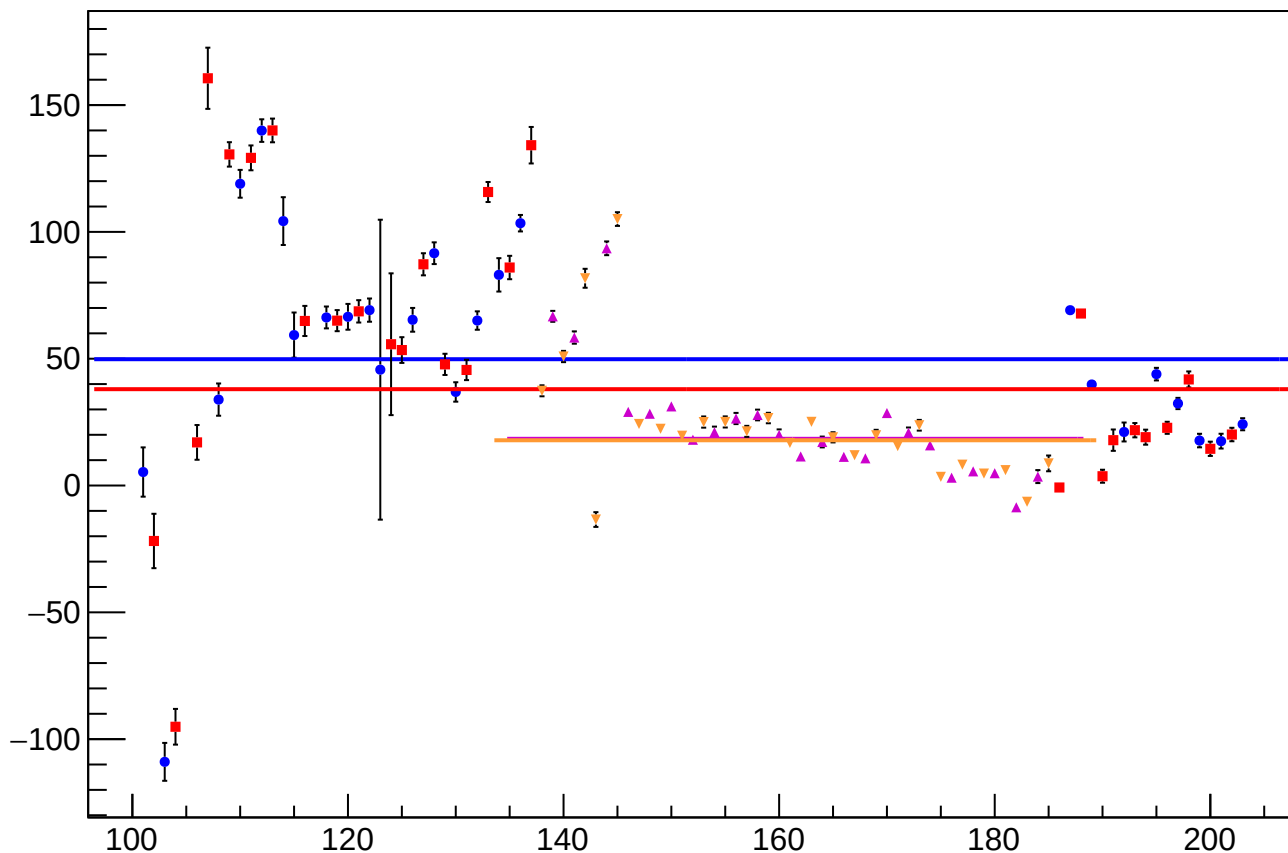
Left In: 7.666 ± 0.313 $\chi^2/\text{NDF}: 341.1/22$

+ sign 9.013 ± 0.266 $\chi^2/\text{NDF}: 1279.9/49$

All: 9.291 ± 0.187 $\chi^2/\text{NDF}: 2376.0/100$

- sign 9.565 ± 0.264 $\chi^2/\text{NDF}: 1093.8/50$

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: 37.986 $\pm$ 0.479 χ^2 /NDF: 6254.6/27

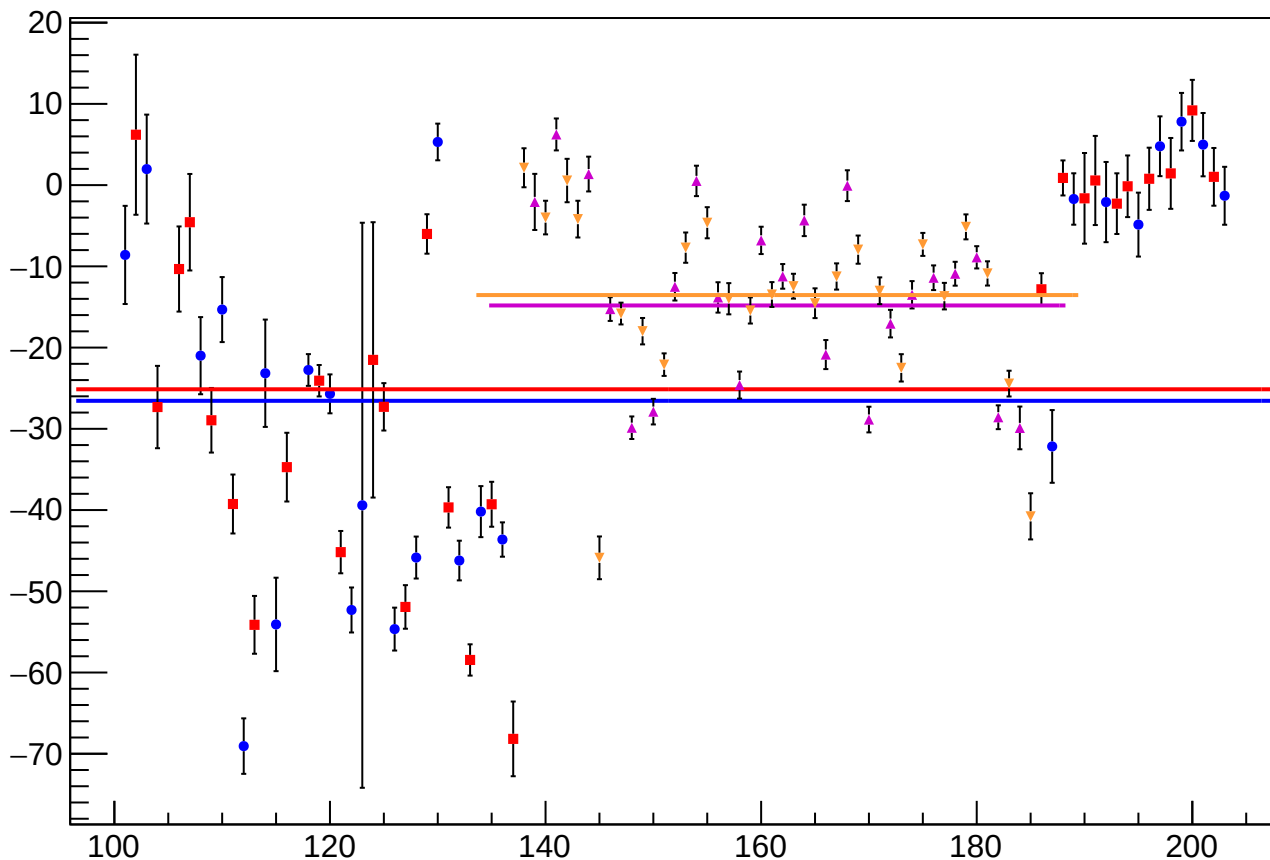
Left In: 18.416 $\pm$ 0.391 χ^2 /NDF: 2468.4/22

+ sign 26.152 $\pm$ 0.334 χ^2 /NDF: 6426.5/49

All: 26.204 $\pm$ 0.224 χ^2 /NDF: 16150.9/100

- sign 26.248 $\pm$ 0.303 χ^2 /NDF: 9724.3/50

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -26.553 $\pm$ 0.646 χ^2/NDF : 1222.3/24

Left Out: -13.535 $\pm$ 0.345 χ^2/NDF : 574.6/24

Right Out: -25.133 $\pm$ 0.599 χ^2/NDF : 1312.3/27

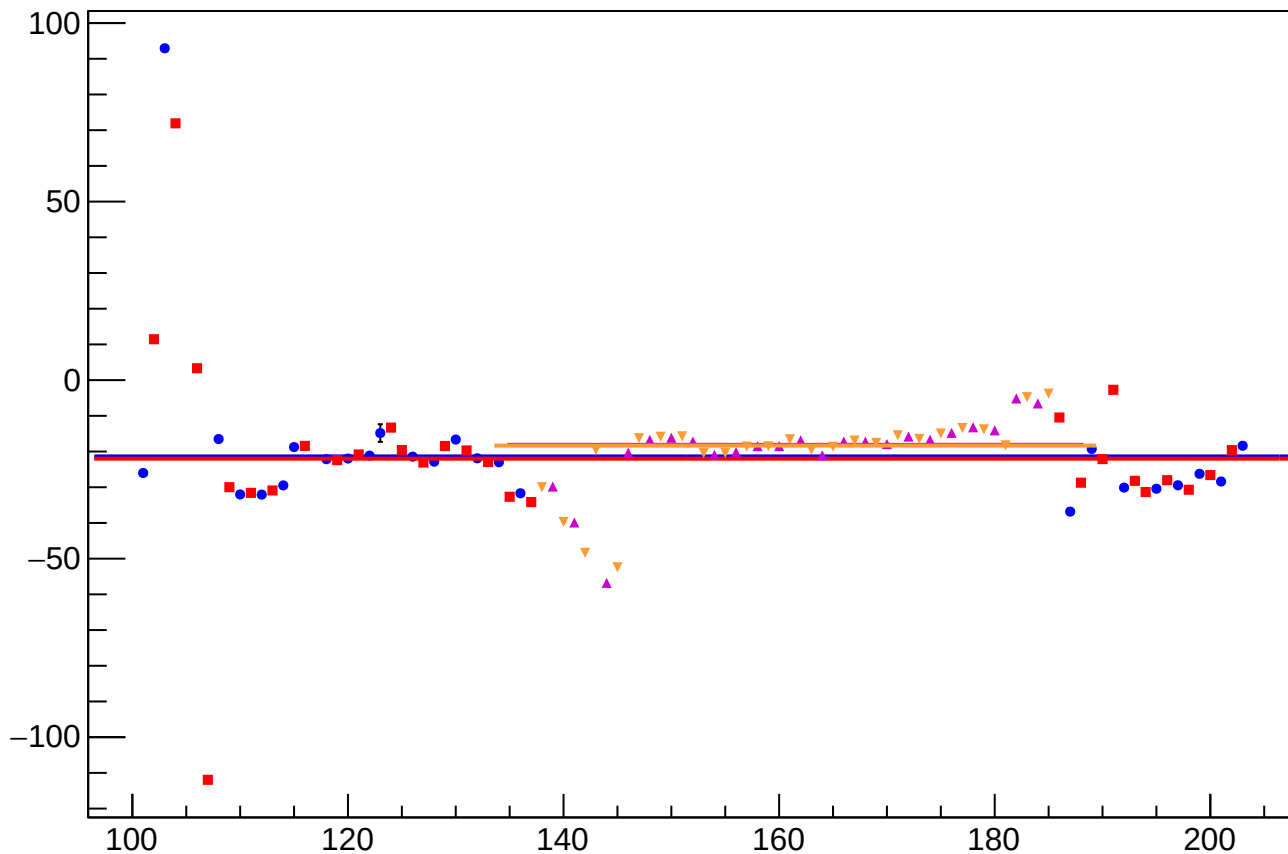
Left In: -14.815 $\pm$ 0.353 χ^2/NDF : 838.2/22

+ sign -16.422 $\pm$ 0.304 χ^2/NDF : 2113.1/49

All: -16.950 $\pm$ 0.215 χ^2/NDF : 4490.0/100

- sign -17.478 $\pm$ 0.304 χ^2/NDF : 2370.9/50

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -21.365 ± 0.032 $\chi^2/\text{NDF}: 510902.9/24$

Left Out: -18.337 ± 0.016 $\chi^2/\text{NDF}: 283793.3/24$

Right Out: -21.995 ± 0.029 $\chi^2/\text{NDF}: 484701.6/27$

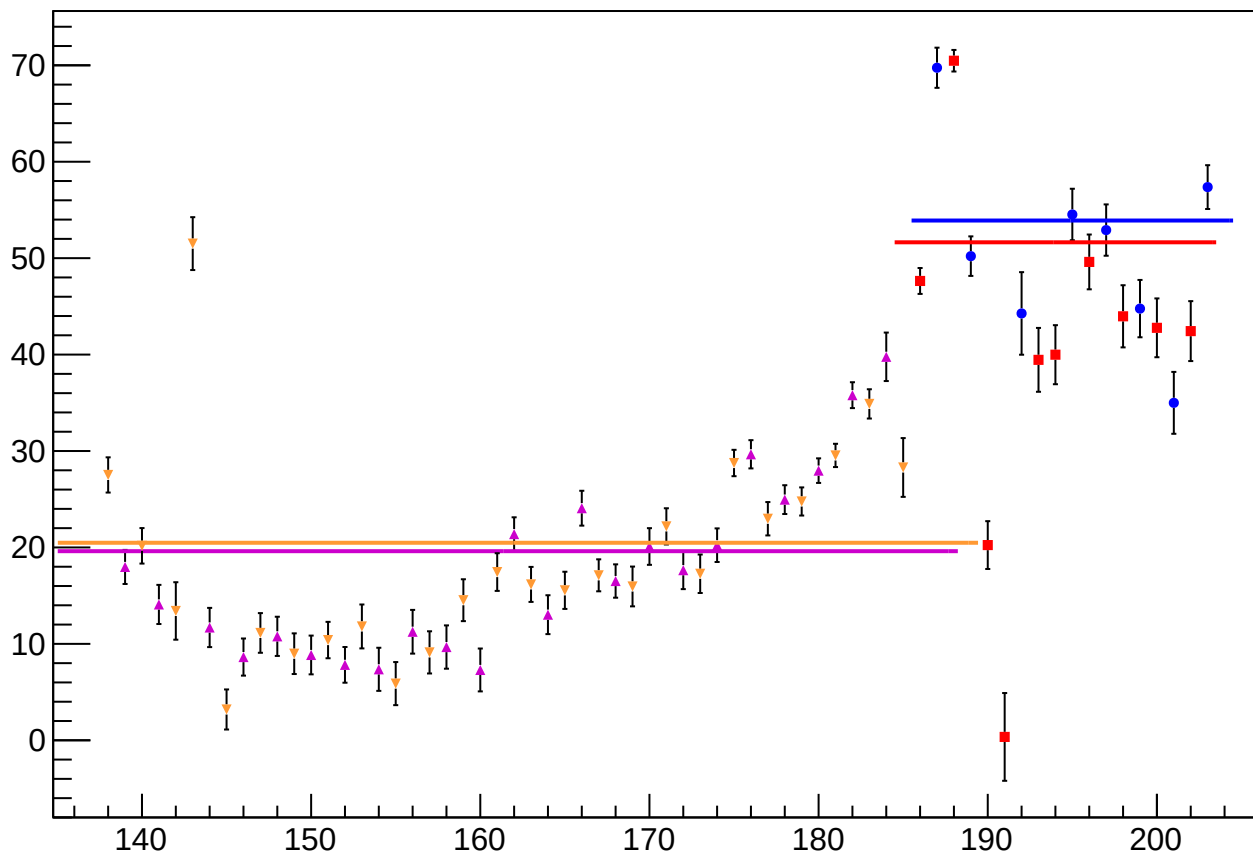
Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

+ sign -18.944 ± 0.014 $\chi^2/\text{NDF}: 801990.4/49$

All: -18.986 ± 0.010 $\chi^2/\text{NDF}: 1545786.7/100$

- sign -19.028 ± 0.014 $\chi^2/\text{NDF}: 743778.7/50$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 53.903 $\pm$ 0.910 χ^2 /NDF: 112.9/7

Left Out: 20.485 $\pm$ 0.374 χ^2 /NDF: 615.7/24

Right Out: 51.644 $\pm$ 0.675 χ^2 /NDF: 631.3/9

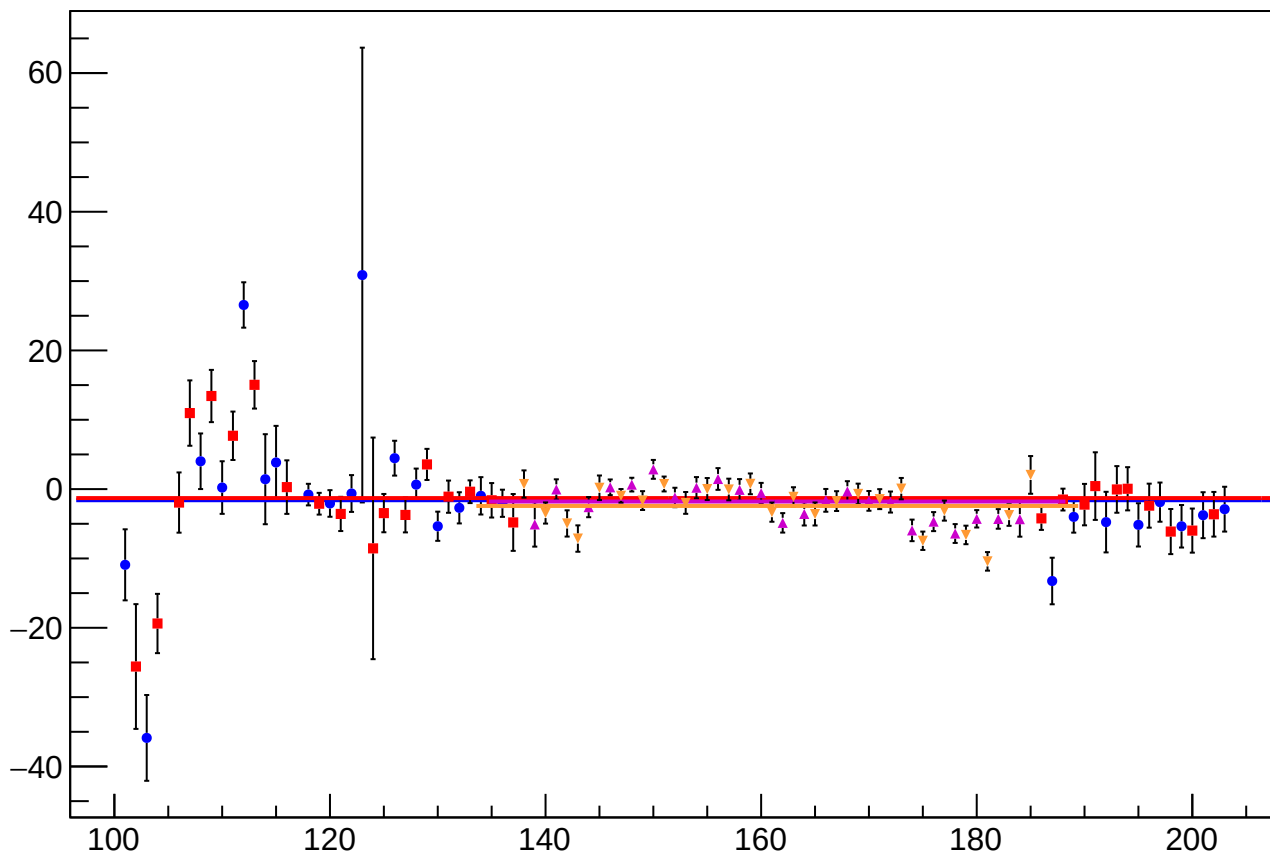
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF: 572.7/22

+ sign 25.310 $\pm$ 0.346 χ^2 /NDF: 1883.5/32

All: 26.337 $\pm$ 0.239 χ^2 /NDF: 4816.8/65

- sign 27.276 $\pm$ 0.330 χ^2 /NDF: 2916.4/32

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: -1.295 ± 0.512 χ^2/NDF : 94.1/27

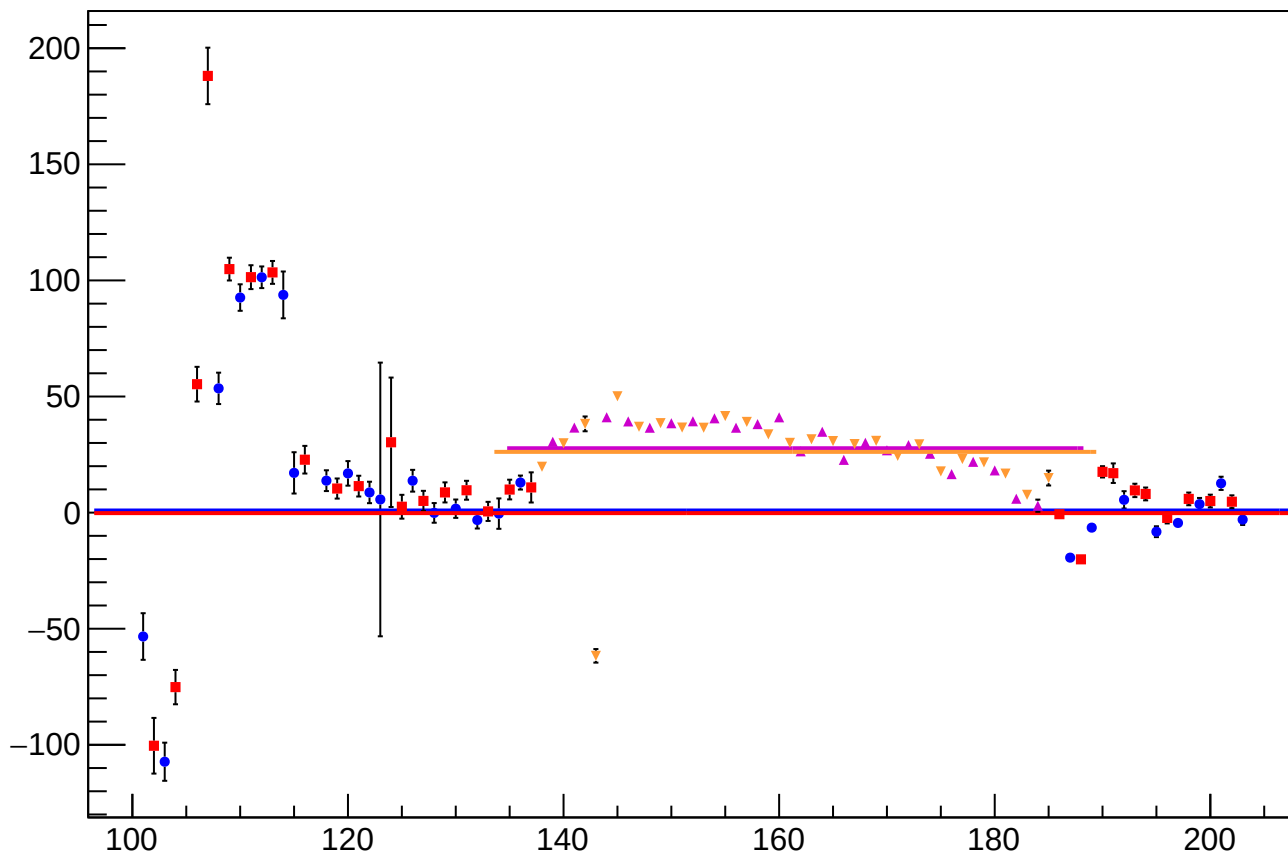
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.251 ± 0.259 χ^2/NDF : 245.8/49

All: -1.958 ± 0.184 χ^2/NDF : 413.2/100

- sign -1.664 ± 0.260 χ^2/NDF : 164.9/50

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 0.911 ± 0.669 χ^2/NDF : 1320.8/24

Left Out: 26.164 ± 0.373 χ^2/NDF : 1577.6/24

Right Out: -0.216 ± 0.514 χ^2/NDF : 2399.4/27

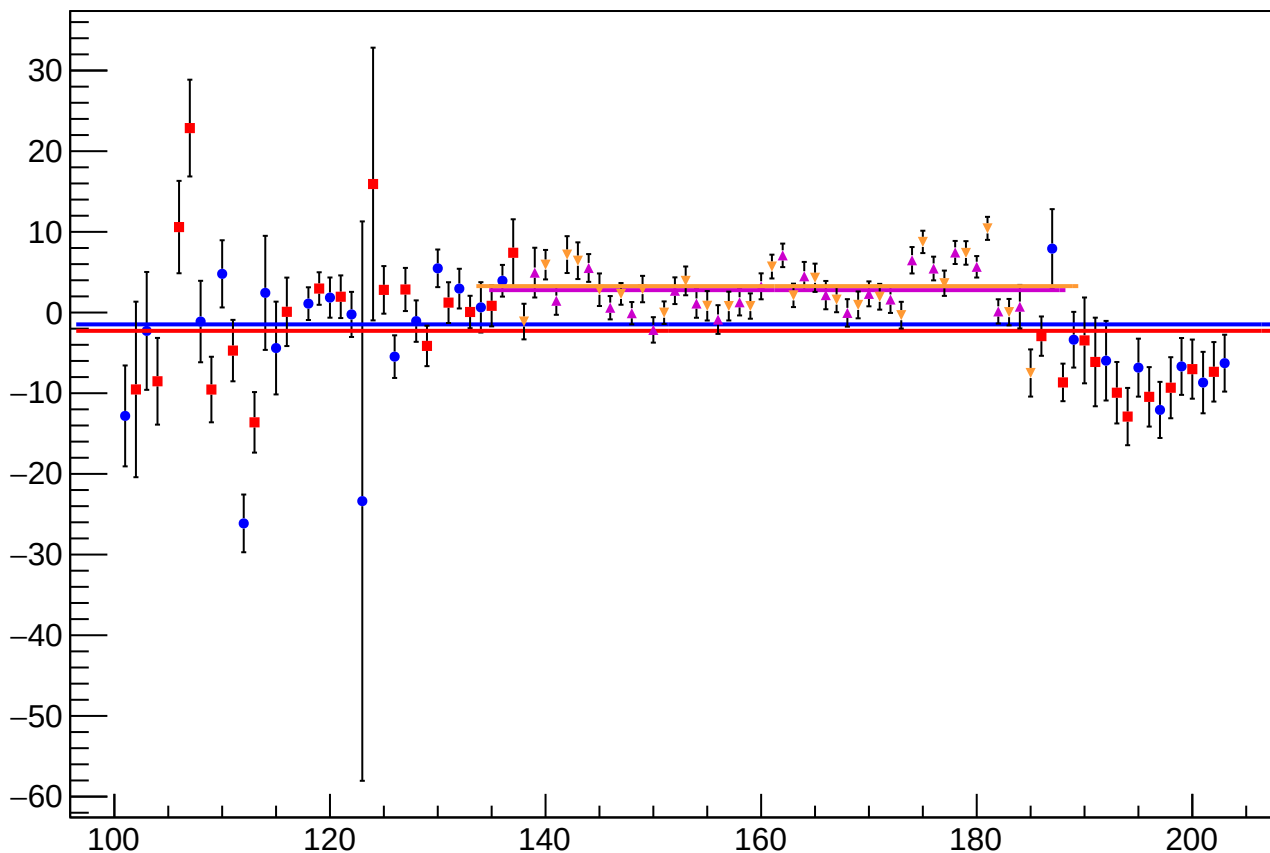
Left In: 27.725 ± 0.377 χ^2/NDF : 805.1/22

+ sign 20.173 ± 0.326 χ^2/NDF : 3986.7/49

All: 18.987 ± 0.222 χ^2/NDF : 9140.0/100

- sign 17.955 ± 0.304 χ^2/NDF : 5128.5/50

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: -2.267 ± 0.615 χ^2/NDF : 98.5/27

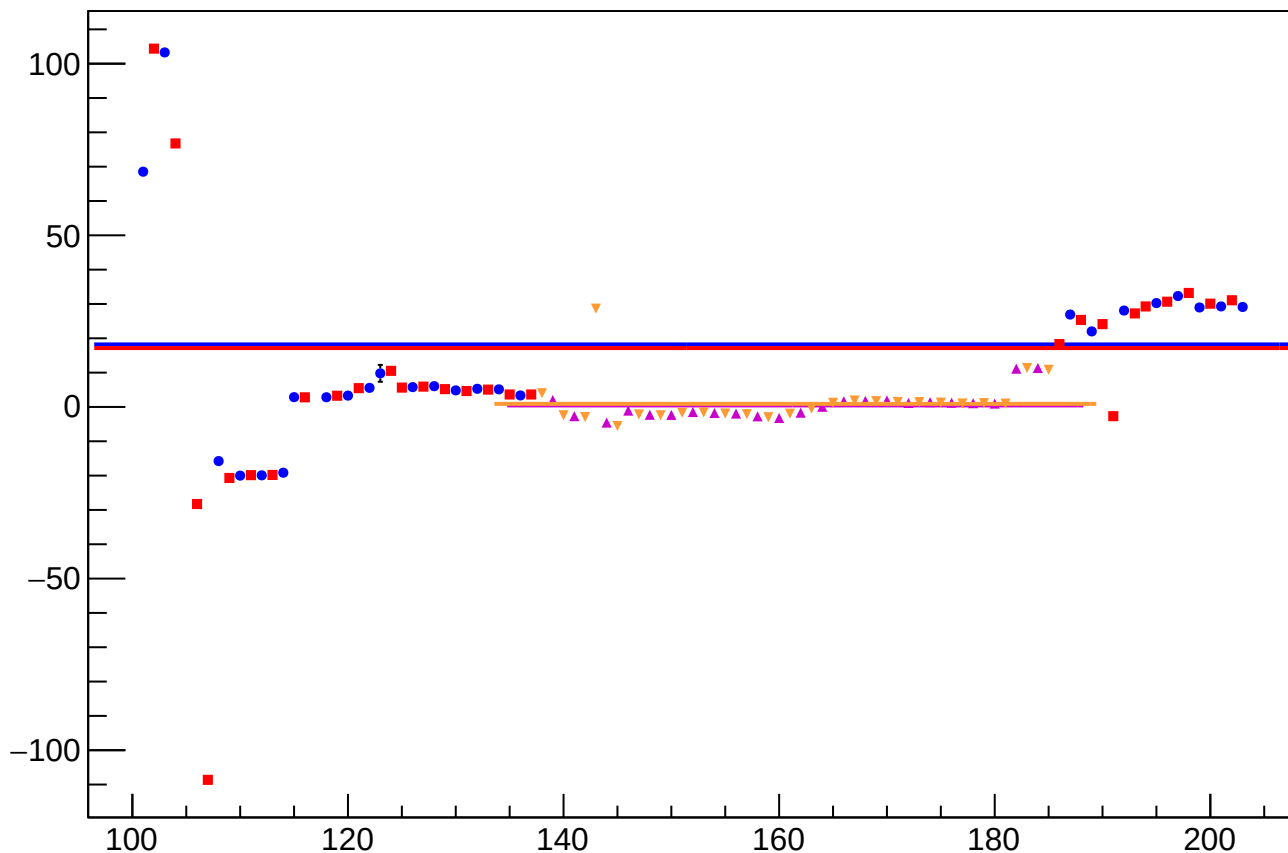
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.294 ± 0.296 χ^2/NDF : 248.1/49

All: 1.947 ± 0.210 χ^2/NDF : 467.3/100

- sign 1.596 ± 0.298 χ^2/NDF : 216.5/50

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: 17.147 $\pm$ 0.029 χ^2 /NDF: 708685.5/27

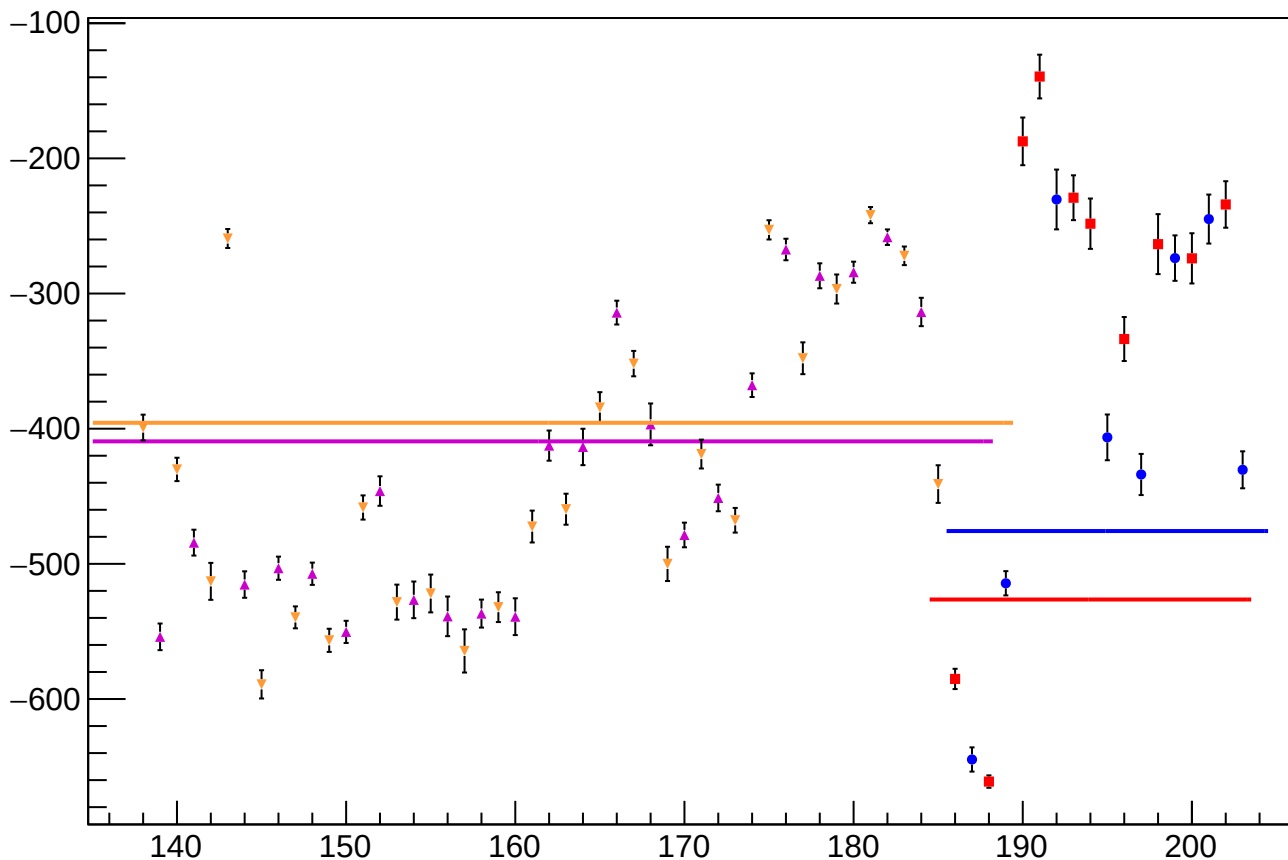
Left In: 0.448 $\pm$ 0.015 χ^2 /NDF: 50533.6/22

+ sign 4.188 $\pm$ 0.014 χ^2 /NDF: 831083.4/49

All: 4.128 $\pm$ 0.010 χ^2 /NDF: 1846658.7/100

- sign 4.068 $\pm$ 0.014 χ^2 /NDF: 1015536.8/50

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: -526.376 $\pm$ 3.319 χ^2/NDF : 3160.2/9

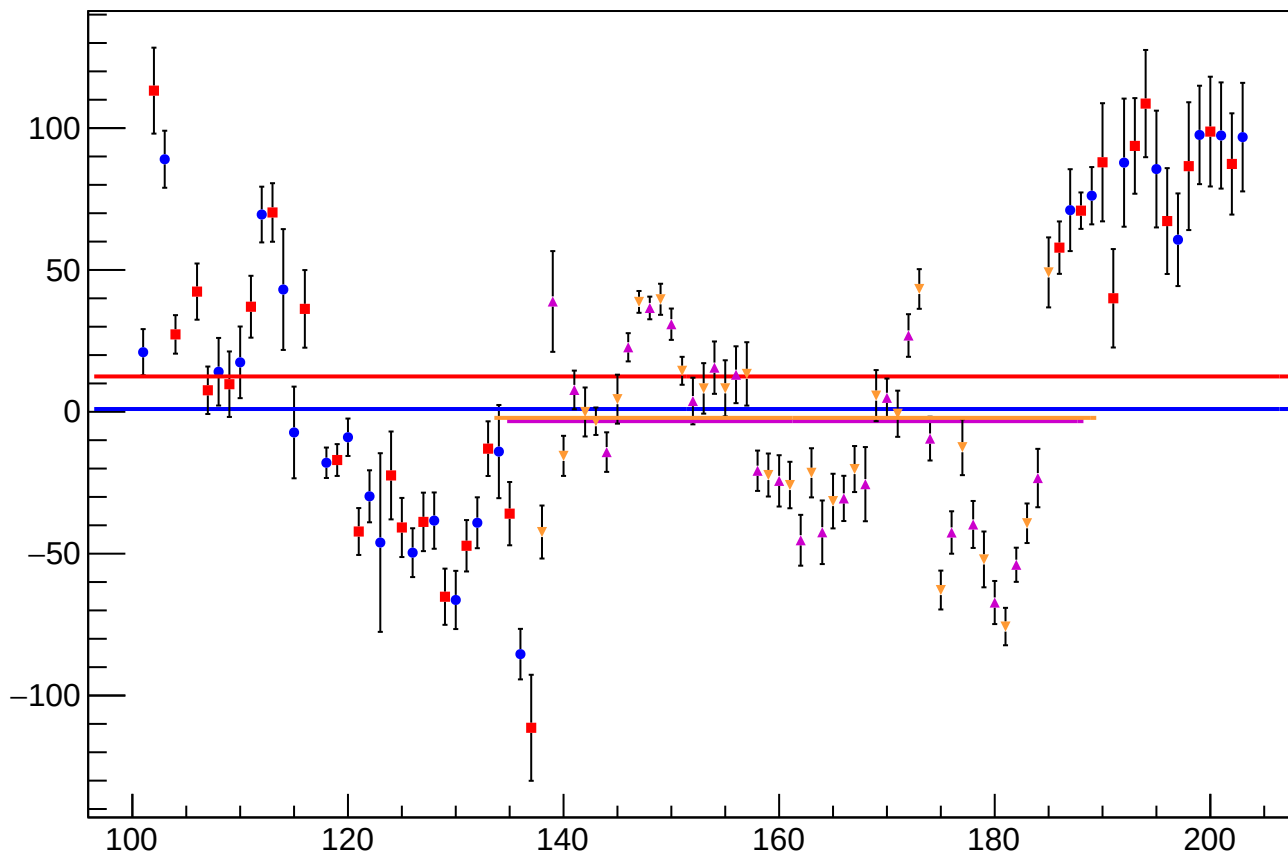
Left In: -409.377 $\pm$ 1.971 χ^2/NDF : 3096.1/22

+ sign -407.269 $\pm$ 1.765 χ^2/NDF : 4798.3/32

All: -424.243 $\pm$ 1.222 χ^2/NDF : 12151.2/65

- sign -439.895 $\pm$ 1.695 χ^2/NDF : 7175.1/32

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: 12.466 ± 1.988 χ^2/NDF : 628.6/27

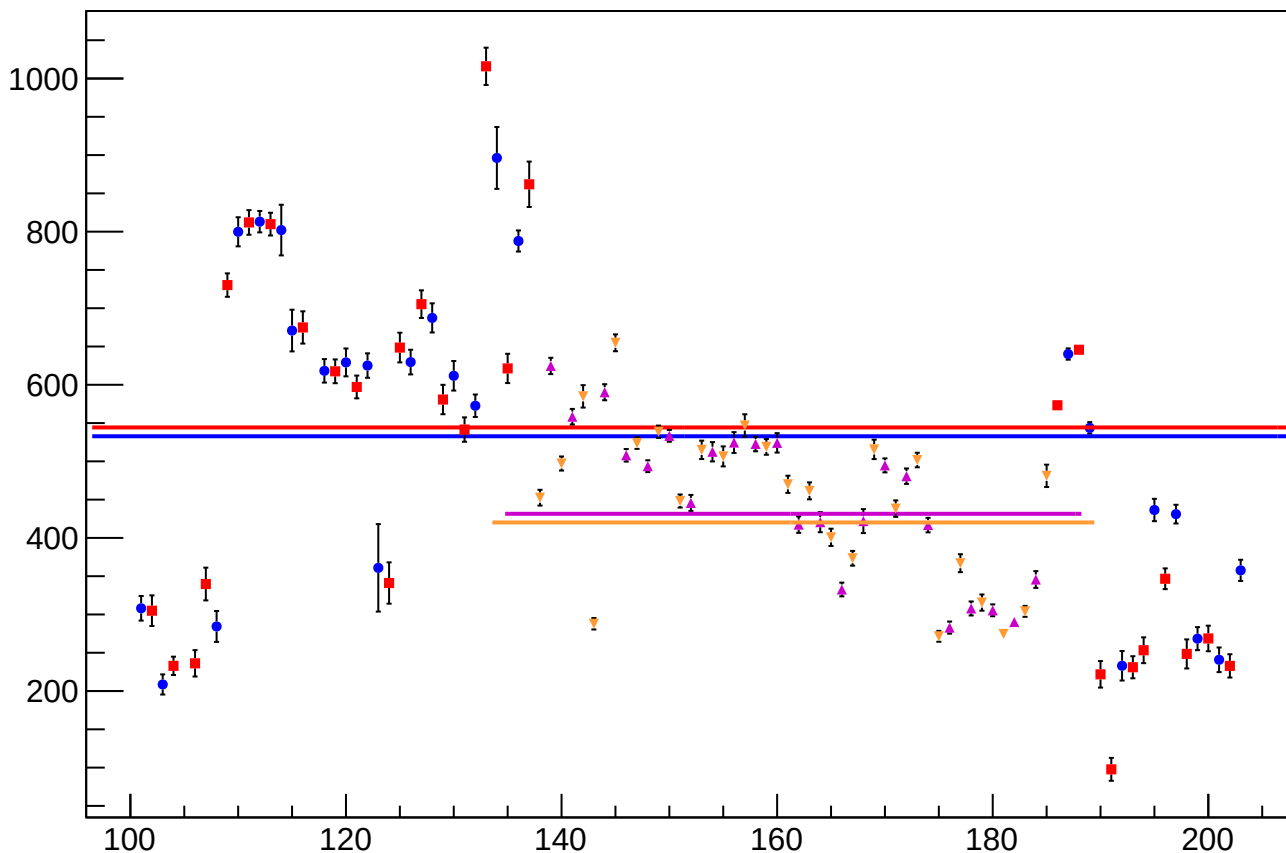
Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

+ sign -1.164 ± 1.191 χ^2/NDF : 1146.1/49

All: 0.650 ± 0.847 χ^2/NDF : 2273.6/100

- sign 2.507 ± 1.206 χ^2/NDF : 1122.8/50

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 532.761 ± 2.920 χ^2/NDF : 3664.9/24

Left Out: 420.181 ± 1.916 χ^2/NDF : 3241.0/24

Right Out: 544.287 ± 2.285 χ^2/NDF : 6653.4/27

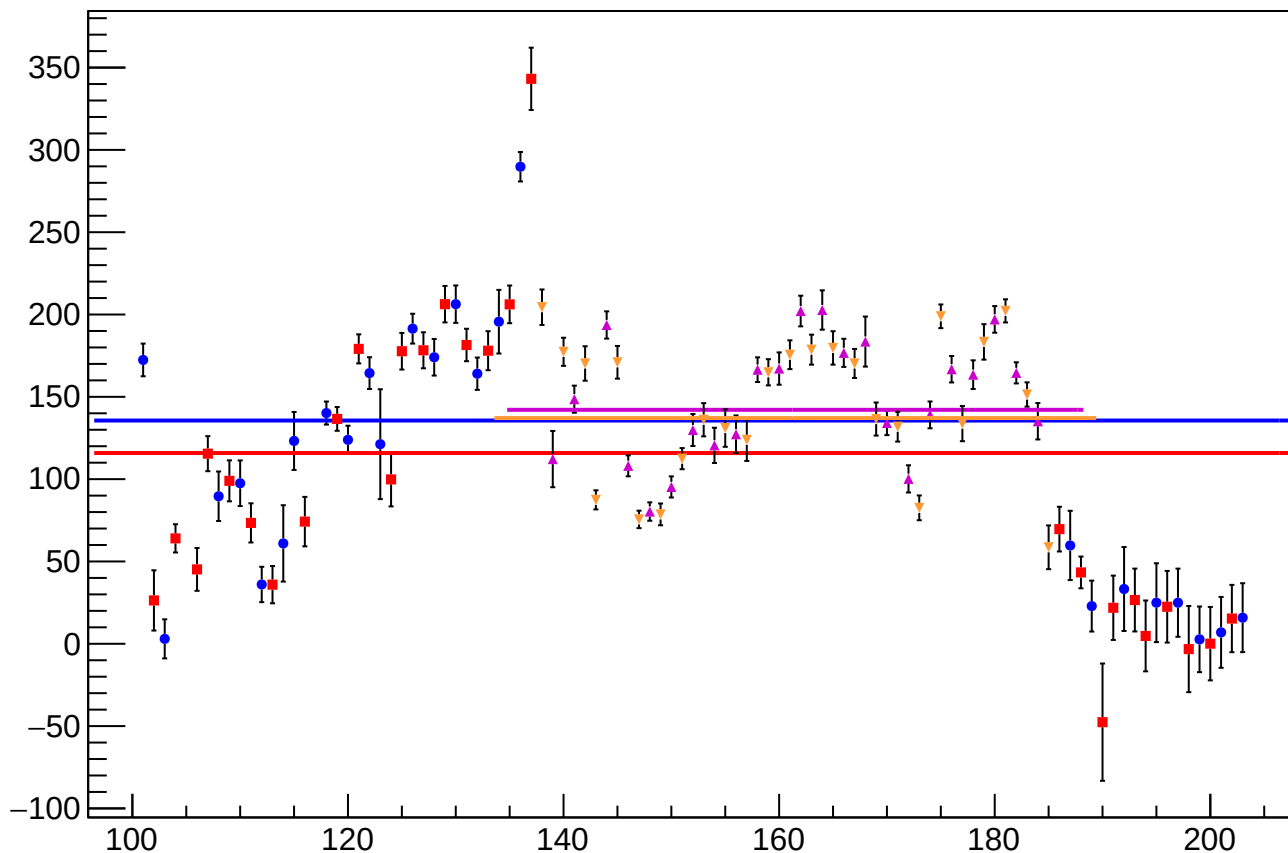
Left In: 431.487 ± 1.964 χ^2/NDF : 2897.1/22

+ sign 454.058 ± 1.602 χ^2/NDF : 7945.2/49

All: 467.654 ± 1.091 χ^2/NDF : 19031.5/100

- sign 479.411 ± 1.489 χ^2/NDF : 10952.0/50

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 135.611 $\pm$ 2.509 χ^2 /NDF: 912.6/24

Left Out: 137.107 $\pm$ 1.663 χ^2 /NDF: 738.9/24

Right Out: 115.874 $\pm$ 2.372 χ^2 /NDF: 882.4/27

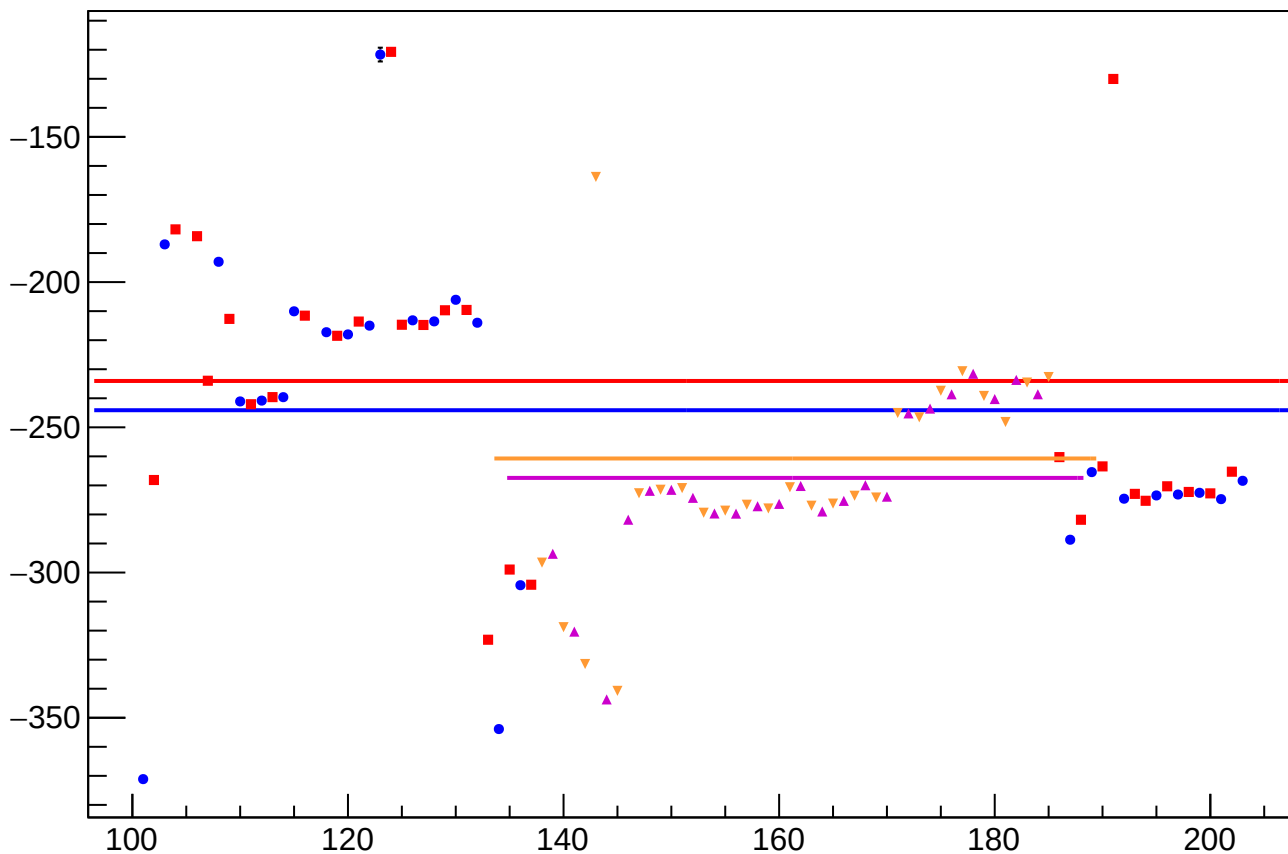
Left In: 142.123 $\pm$ 1.740 χ^2 /NDF: 463.8/22

+ sign 136.650 $\pm$ 1.386 χ^2 /NDF: 1651.7/49

All: 134.817 $\pm$ 0.986 χ^2 /NDF: 3081.1/100

- sign 132.938 $\pm$ 1.403 χ^2 /NDF: 1425.8/50

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: -234.040 ± 0.117 $\chi^2/\text{NDF}: 164963.7/27$

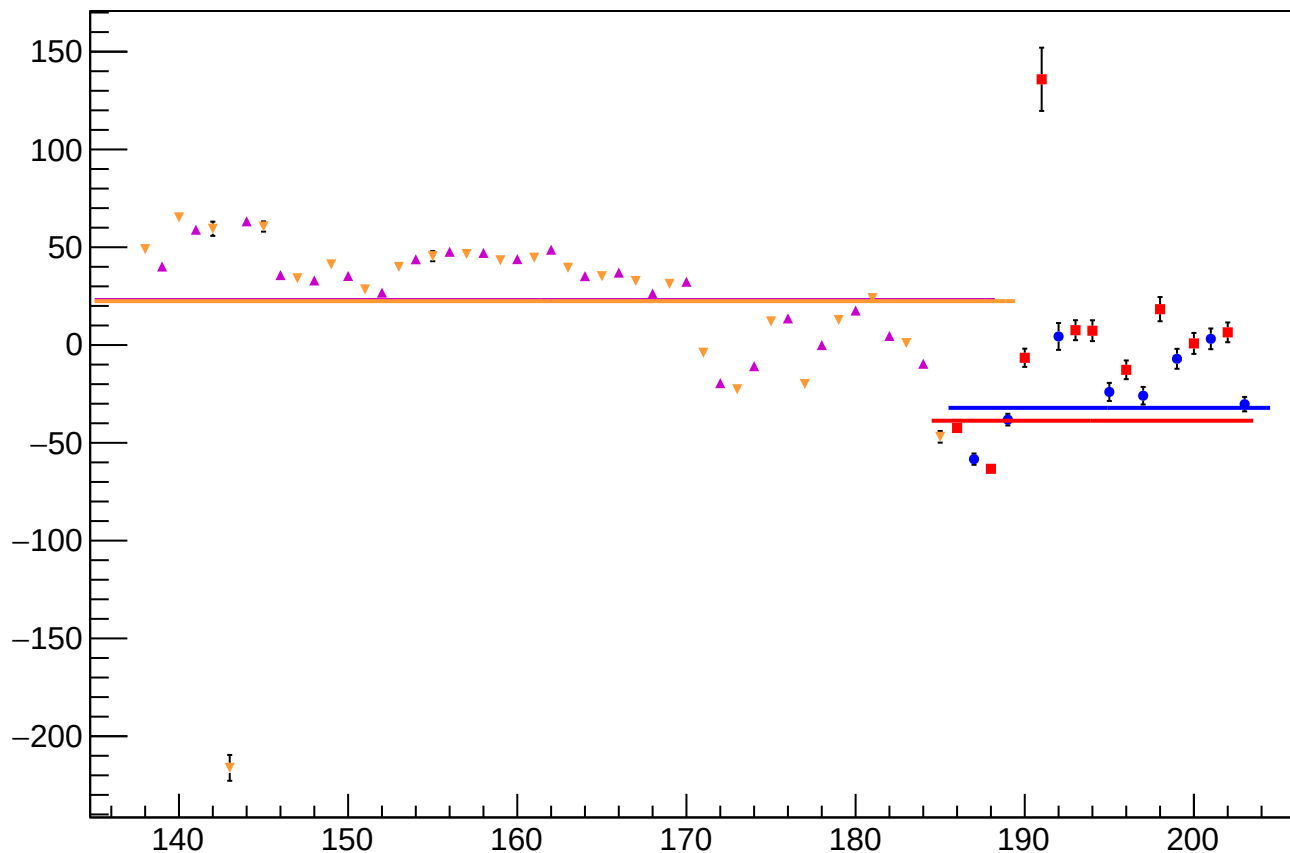
Left In: -267.416 ± 0.081 $\chi^2/\text{NDF}: 98892.0/22$

+ sign -256.100 ± 0.068 $\chi^2/\text{NDF}: 394807.8/49$

All: -256.304 ± 0.047 $\chi^2/\text{NDF}: 713726.7/100$

- sign -256.504 ± 0.067 $\chi^2/\text{NDF}: 318900.8/50$

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: -38.689 ± 0.997 $\chi^2/\text{NDF}: 823.0/9$

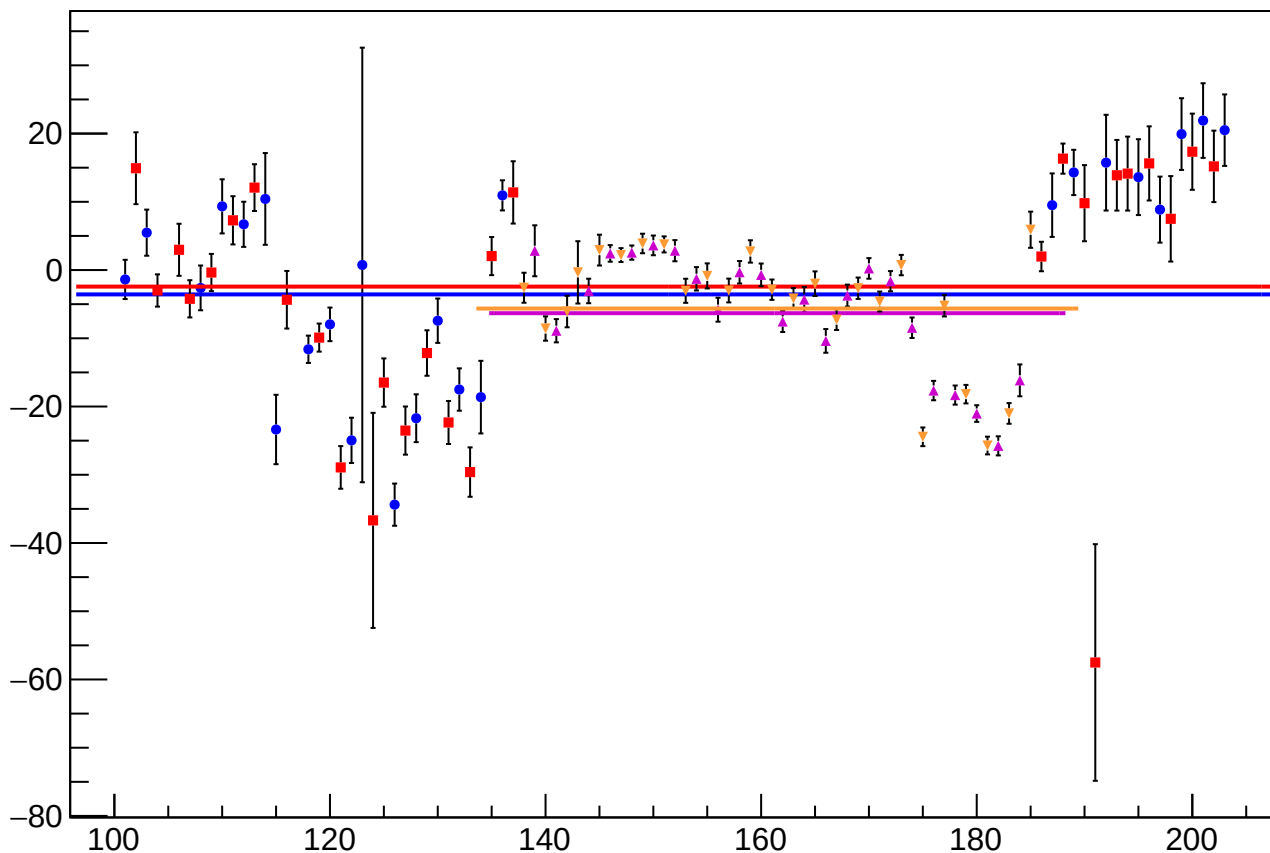
Left In: 23.019 ± 0.400 $\chi^2/\text{NDF}: 2819.9/22$

+ sign 18.447 ± 0.384 $\chi^2/\text{NDF}: 6495.8/32$

All: 16.392 ± 0.267 $\chi^2/\text{NDF}: 13494.4/65$

- sign 14.472 ± 0.371 $\chi^2/\text{NDF}: 6943.2/32$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -3.569 $\pm$ 0.709 χ^2/NDF : 431.0/24

Left Out: -5.639 $\pm$ 0.316 χ^2/NDF : 891.5/24

Right Out: -2.425 $\pm$ 0.649 χ^2/NDF : 445.4/27

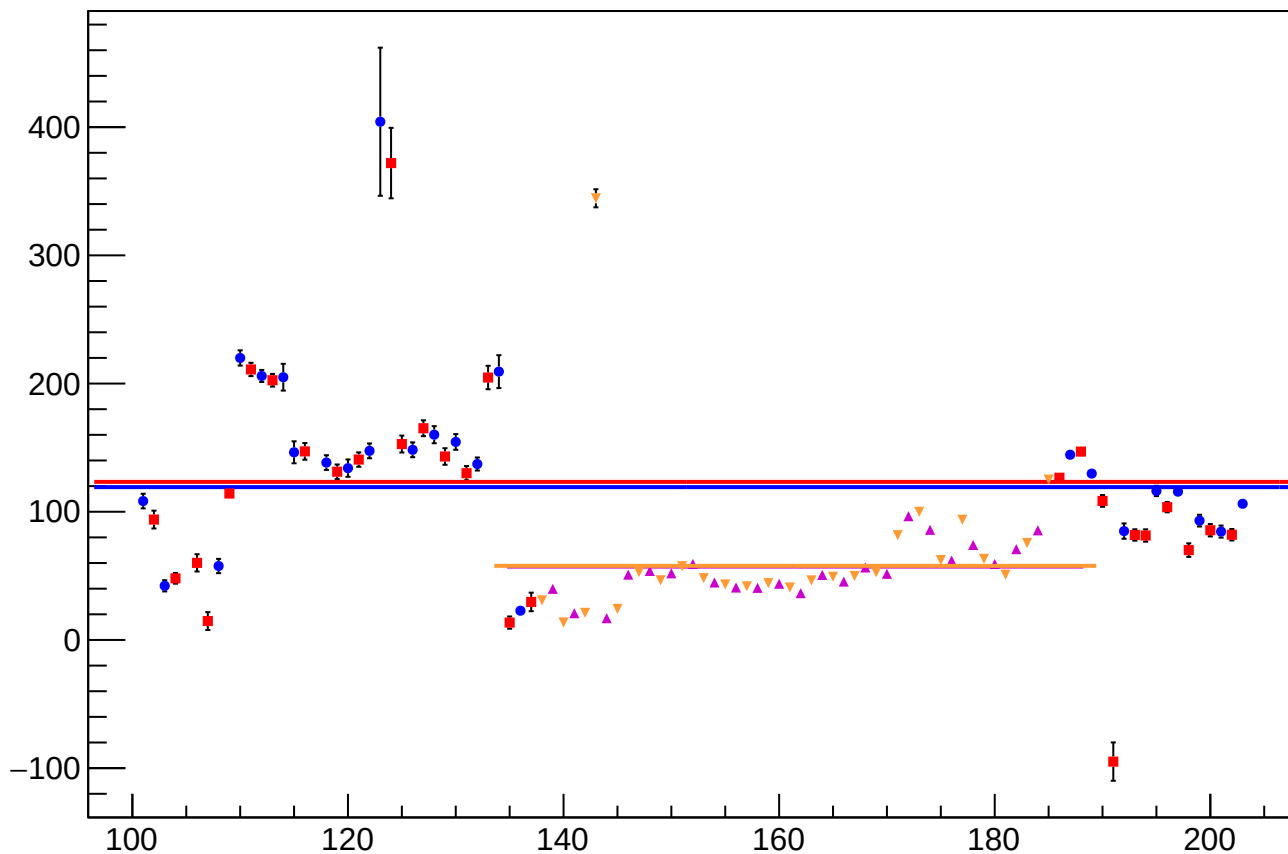
Left In: -6.323 $\pm$ 0.320 χ^2/NDF : 784.4/22

+ sign -5.296 $\pm$ 0.288 χ^2/NDF : 1329.7/49

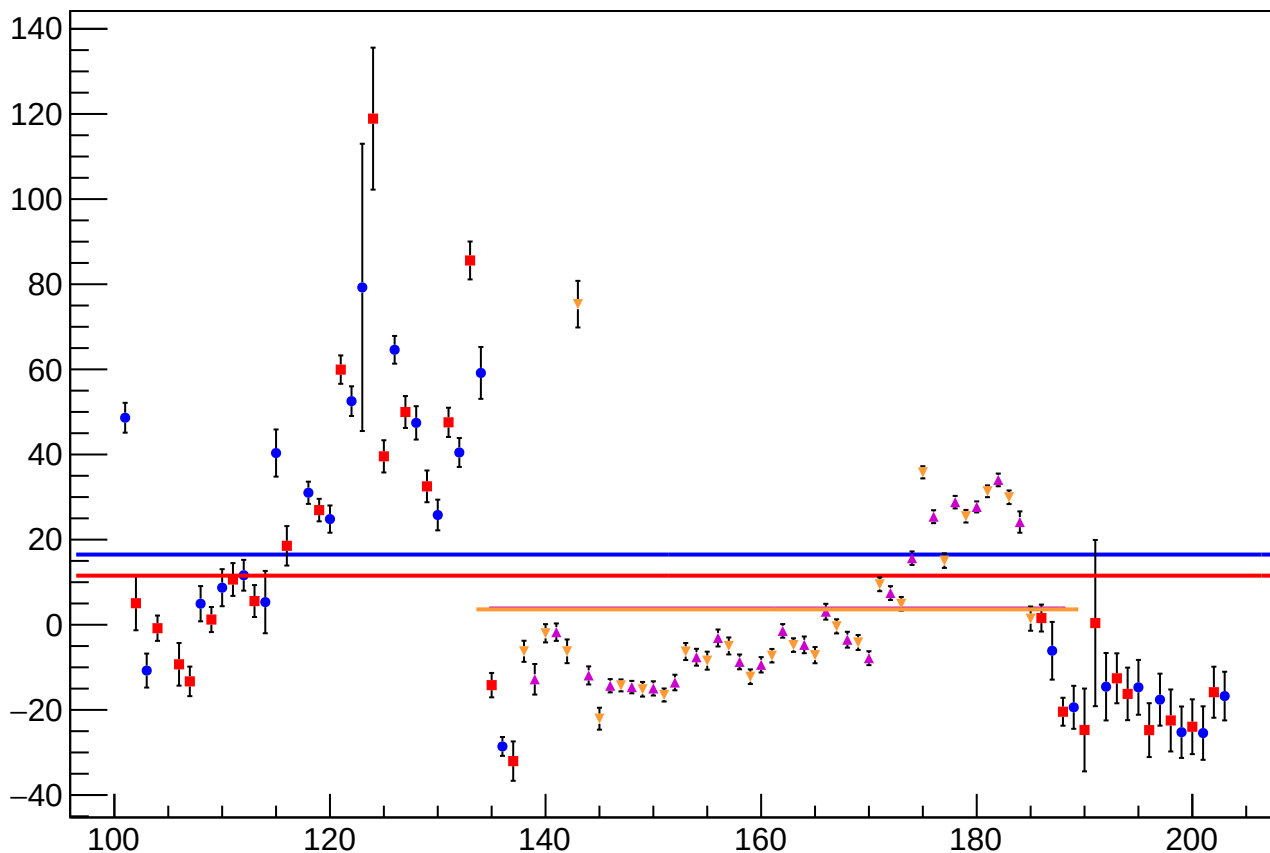
All: -5.429 $\pm$ 0.203 χ^2/NDF : 2588.8/100

- sign -5.560 $\pm$ 0.287 χ^2/NDF : 1258.7/50

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 16.493 $\pm$ 0.823 χ^2 /NDF: 1371.0/24

Left Out: 3.615 $\pm$ 0.357 χ^2 /NDF: 2501.2/24

Right Out: 11.540 $\pm$ 0.774 χ^2 /NDF: 1400.1/27

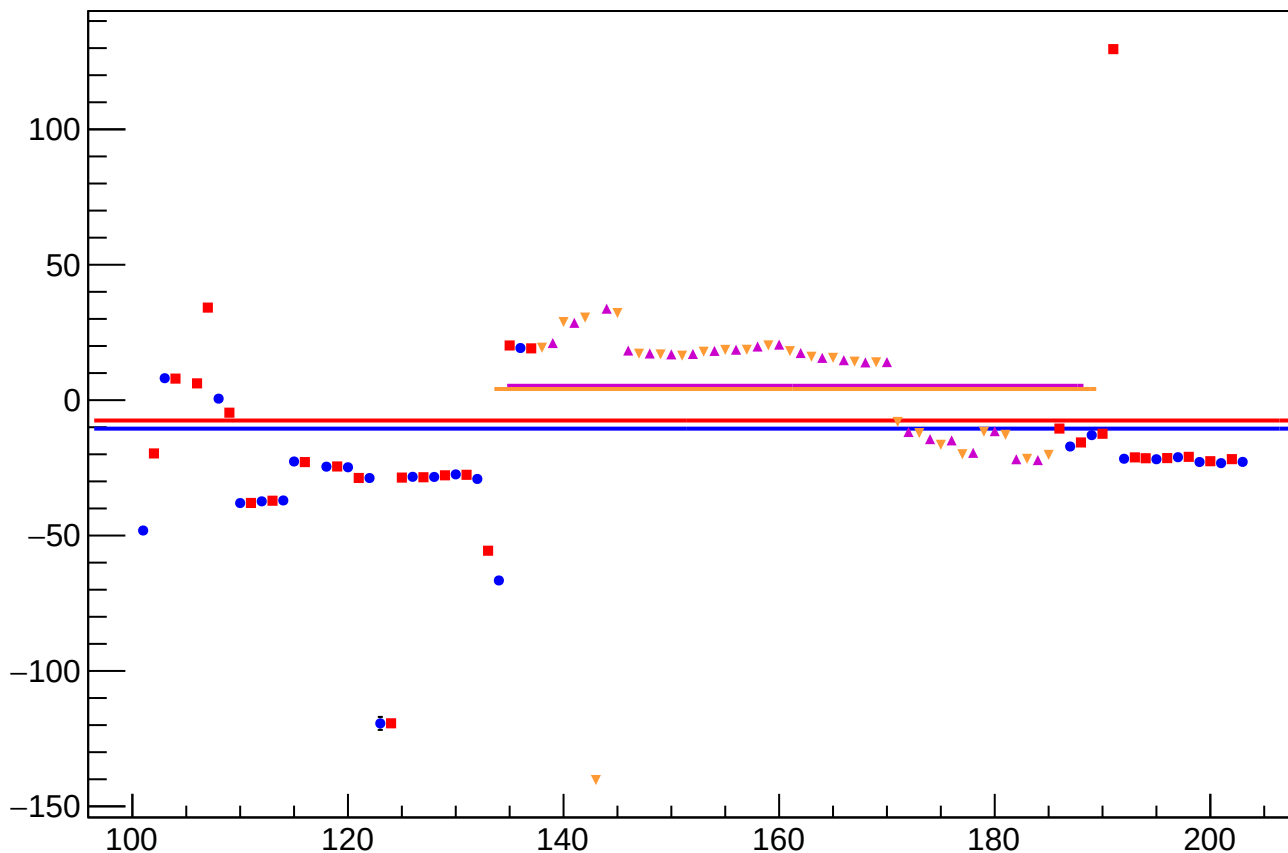
Left In: 3.812 $\pm$ 0.361 χ^2 /NDF: 2203.5/22

+ sign 5.651 $\pm$ 0.327 χ^2 /NDF: 4078.3/49

All: 5.421 $\pm$ 0.231 χ^2 /NDF: 7764.8/100

- sign 5.192 $\pm$ 0.327 χ^2 /NDF: 3685.6/50

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: -7.518 ± 0.037 χ^2/NDF : 377765.4/27

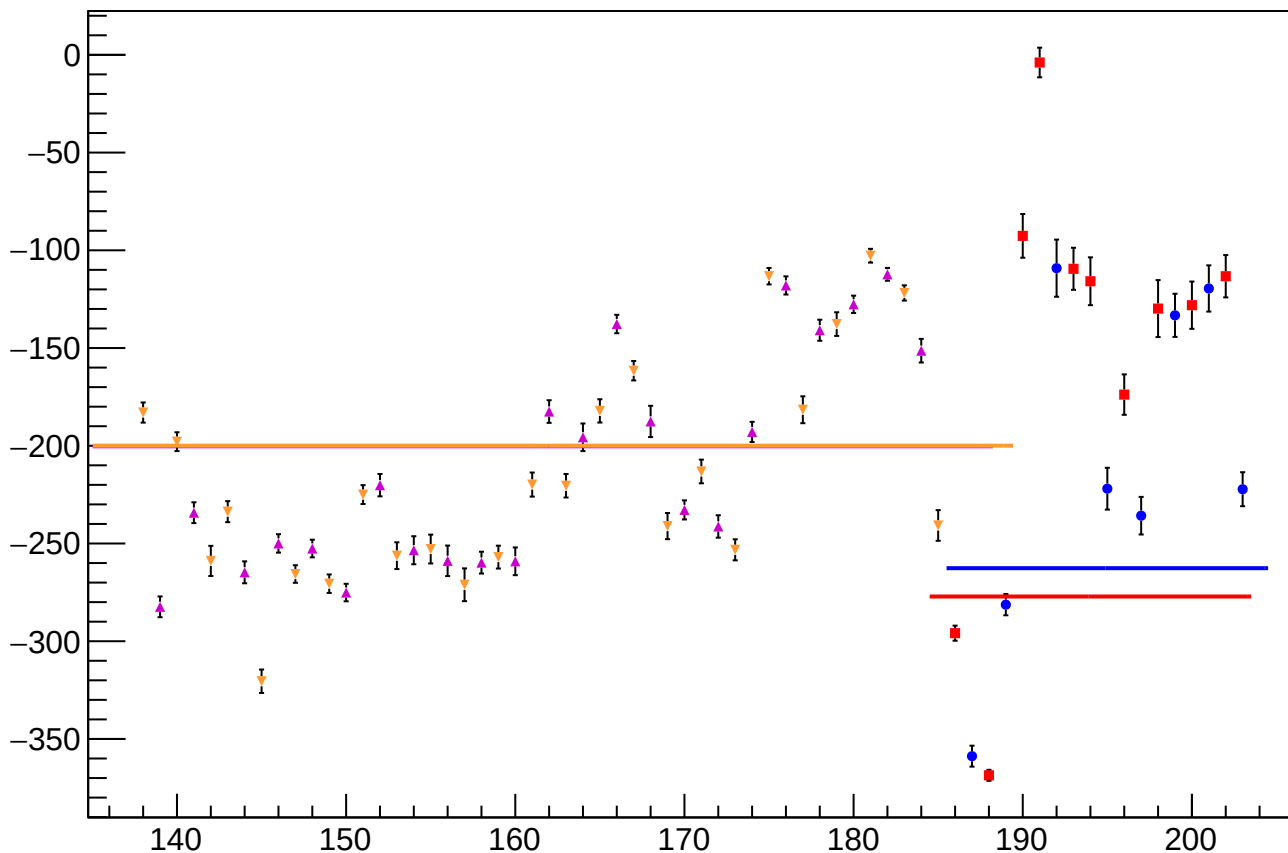
Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

+ sign 1.950 ± 0.015 χ^2/NDF : 1754086.4/49

All: 2.598 ± 0.011 χ^2/NDF : 3324398.4/100

- sign 3.235 ± 0.015 χ^2/NDF : 1566665.1/50

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: -277.119 ± 1.947 χ^2/NDF : 3650.9/9

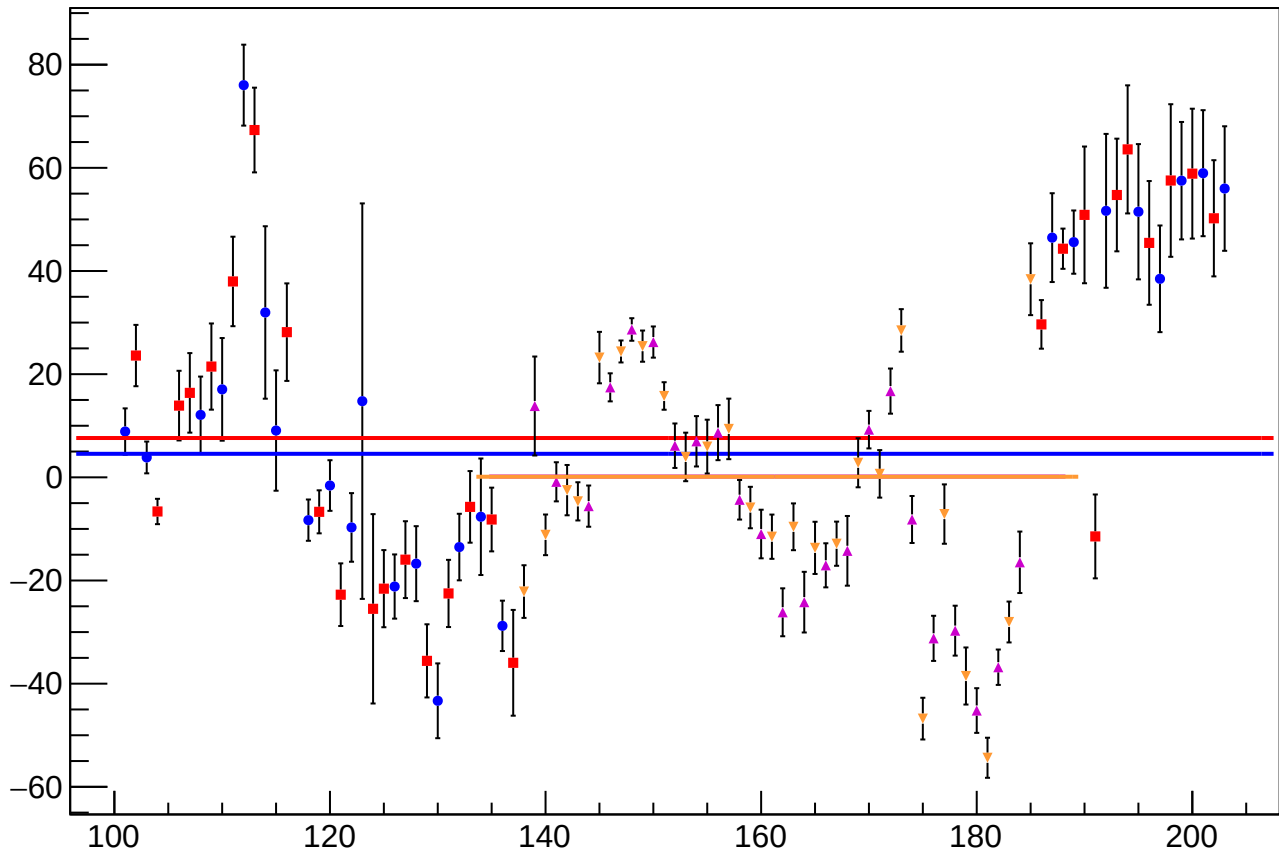
Left In: -200.276 ± 1.093 χ^2/NDF : 3013.8/22

+ sign -207.756 ± 1.012 χ^2/NDF : 4410.5/32

All: -213.557 ± 0.694 χ^2/NDF : 12321.7/65

- sign -218.703 ± 0.953 χ^2/NDF : 7849.2/32

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 4.561 $\pm$ 1.341 χ^2/NDF : 392.6/24

Left Out: 0.116 $\pm$ 0.810 χ^2/NDF : 830.1/24

Right Out: 7.623 $\pm$ 1.211 χ^2/NDF : 485.4/27

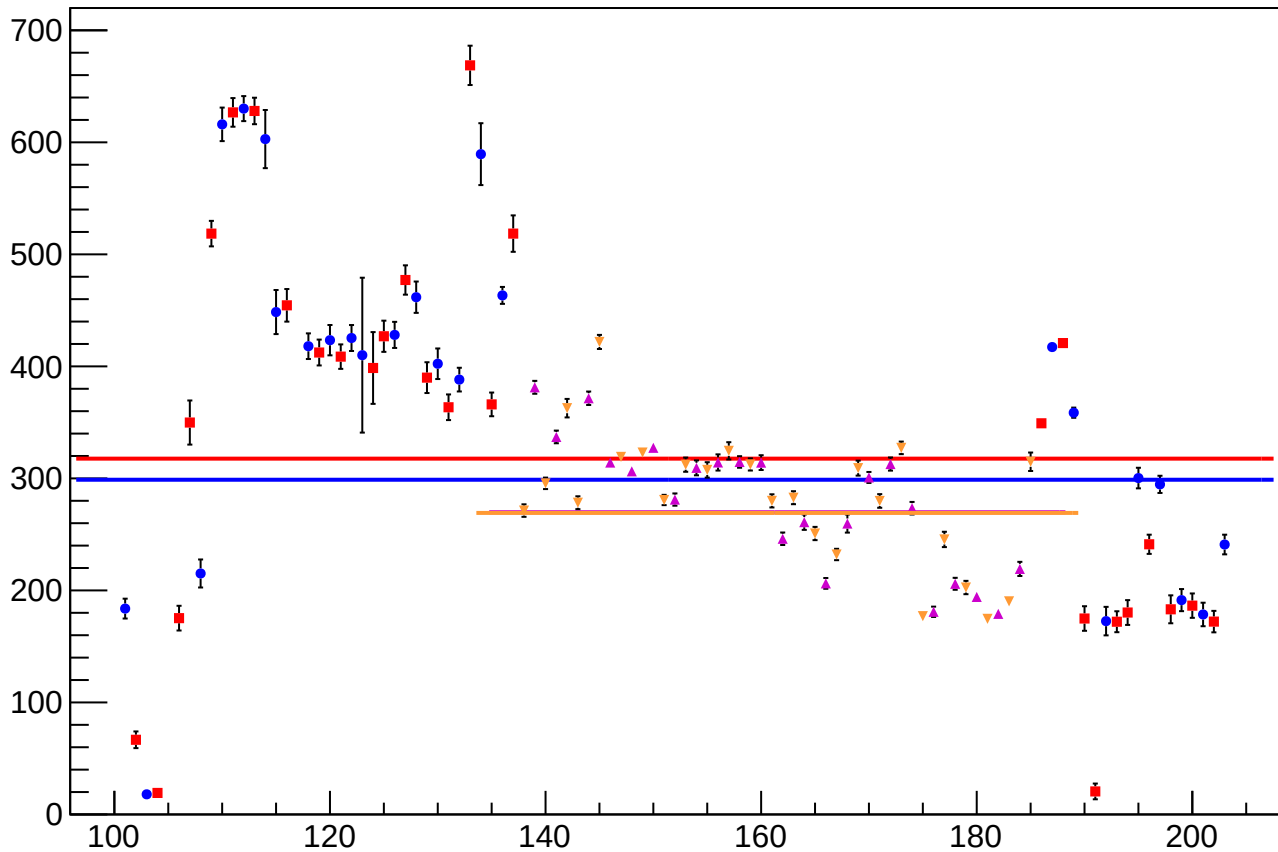
Left In: 0.153 $\pm$ 0.836 χ^2/NDF : 719.6/22

+ sign 1.306 $\pm$ 0.694 χ^2/NDF : 1230.8/49

All: 1.940 $\pm$ 0.488 χ^2/NDF : 2463.2/100

- sign 2.565 $\pm$ 0.688 χ^2/NDF : 1230.8/50

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: 317.635 $\pm$ 1.344 χ^2 /NDF: 13783.5/27

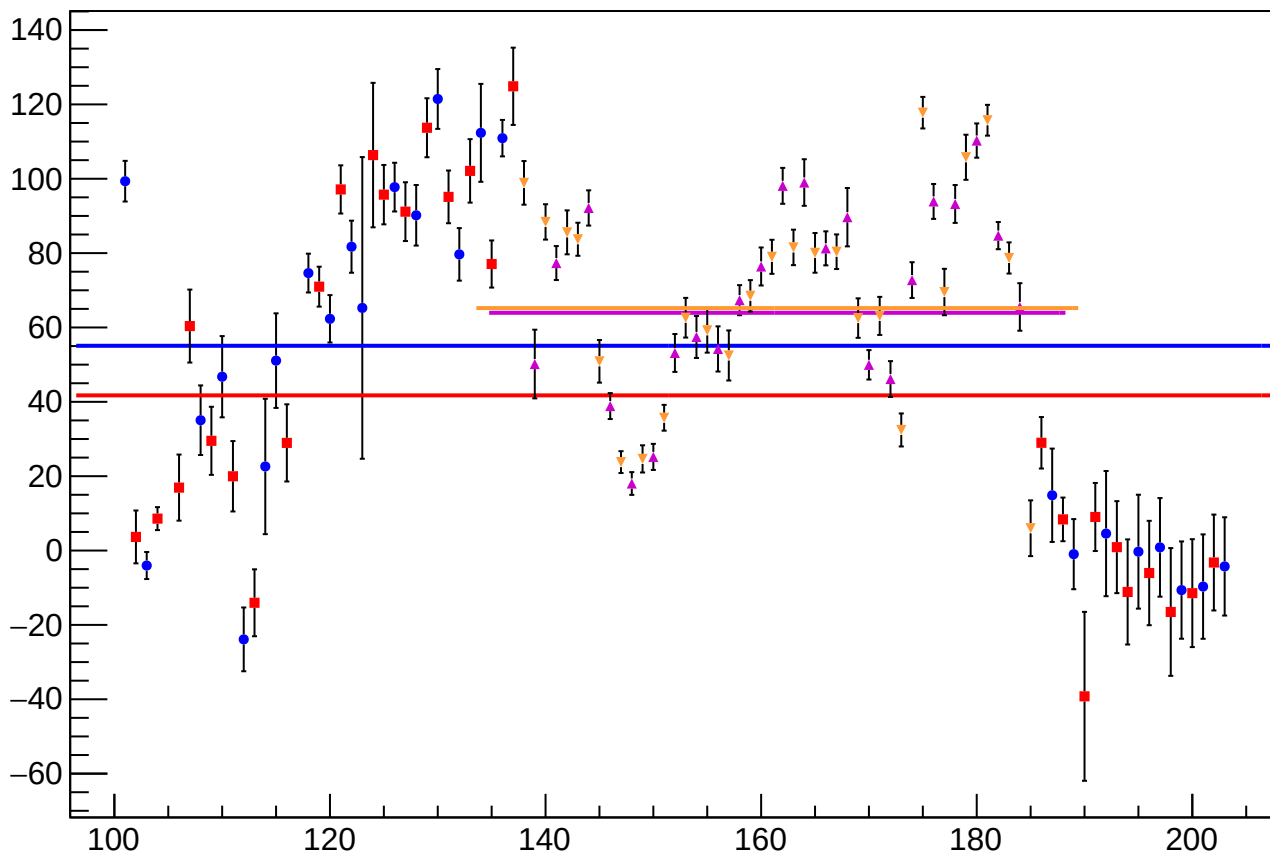
Left In: 269.798 $\pm$ 1.087 χ^2 /NDF:3234.9/22

+ sign 277.430 $\pm$ 0.918 χ^2 /NDF: 12479.7/49

All: 283.541 $\pm$ 0.622 χ^2 /NDF: 30346.0/100

- sign 288.720 $\pm$ 0.845 χ^2 /NDF: 17784.4/50

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: 41.737 $\pm$ 1.469 χ^2 /NDF: 819.9/27

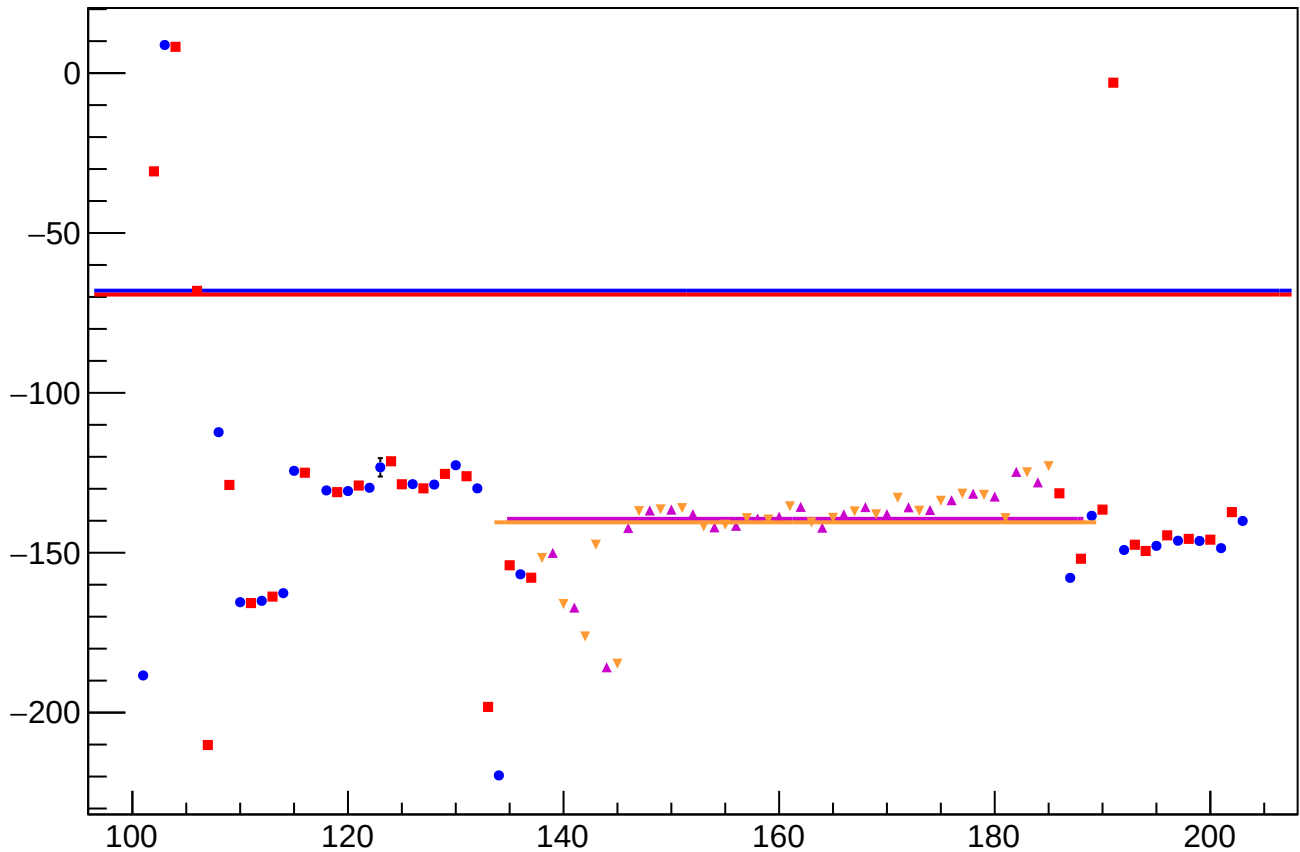
Left In: 63.944 $\pm$ 0.961 χ^2 /NDF:803.4/22

+ sign 62.561 $\pm$ 0.806 χ^2 /NDF: 1929.6/49

All: 59.918 $\pm$ 0.569 χ^2 /NDF: 3734.4/100

- sign 57.291 $\pm$ 0.804 χ^2 /NDF: 1783.4/50

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: -69.253 ± 0.062 χ^2/NDF : 1355435.7/27

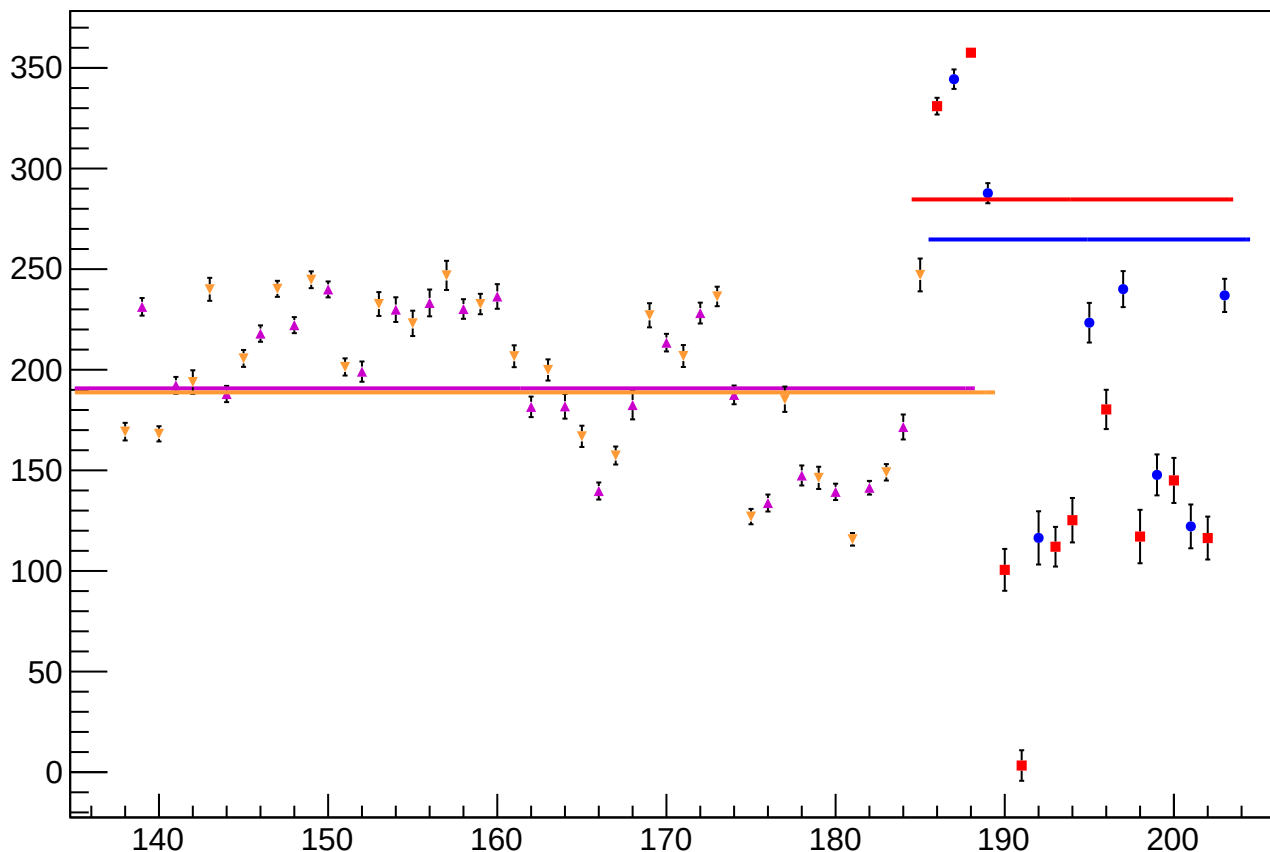
Left In: -139.406 ± 0.045 χ^2/NDF : 62878.4/22

+ sign -117.005 ± 0.037 χ^2/NDF : 2430898.3/49

All: -116.189 ± 0.026 χ^2/NDF : 4688216.3/10

- sign -115.391 ± 0.036 χ^2/NDF : 2256343.2/50

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: 284.639 ± 1.840 $\chi^2/\text{NDF}: 3851.1/9$

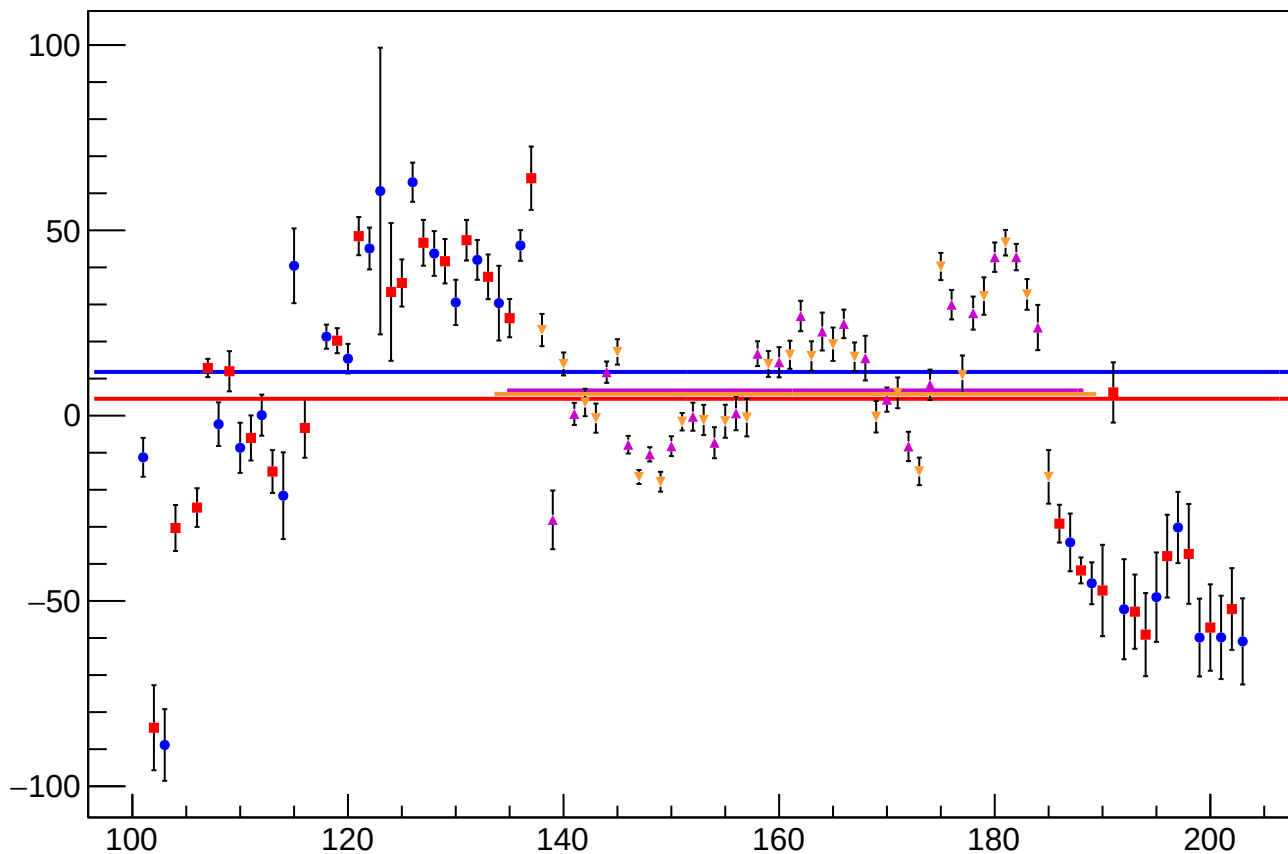
Left In: 190.753 ± 0.971 $\chi^2/\text{NDF}: 1421.8/22$

+ sign 197.624 ± 0.900 $\chi^2/\text{NDF}: 3461.3/32$

All: 204.731 ± 0.621 $\chi^2/\text{NDF}: 10889.0/65$

- sign 211.196 ± 0.859 $\chi^2/\text{NDF}: 7308.7/32$

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: 4.551 ± 1.085 $\chi^2/\text{NDF}: 894.6/27$

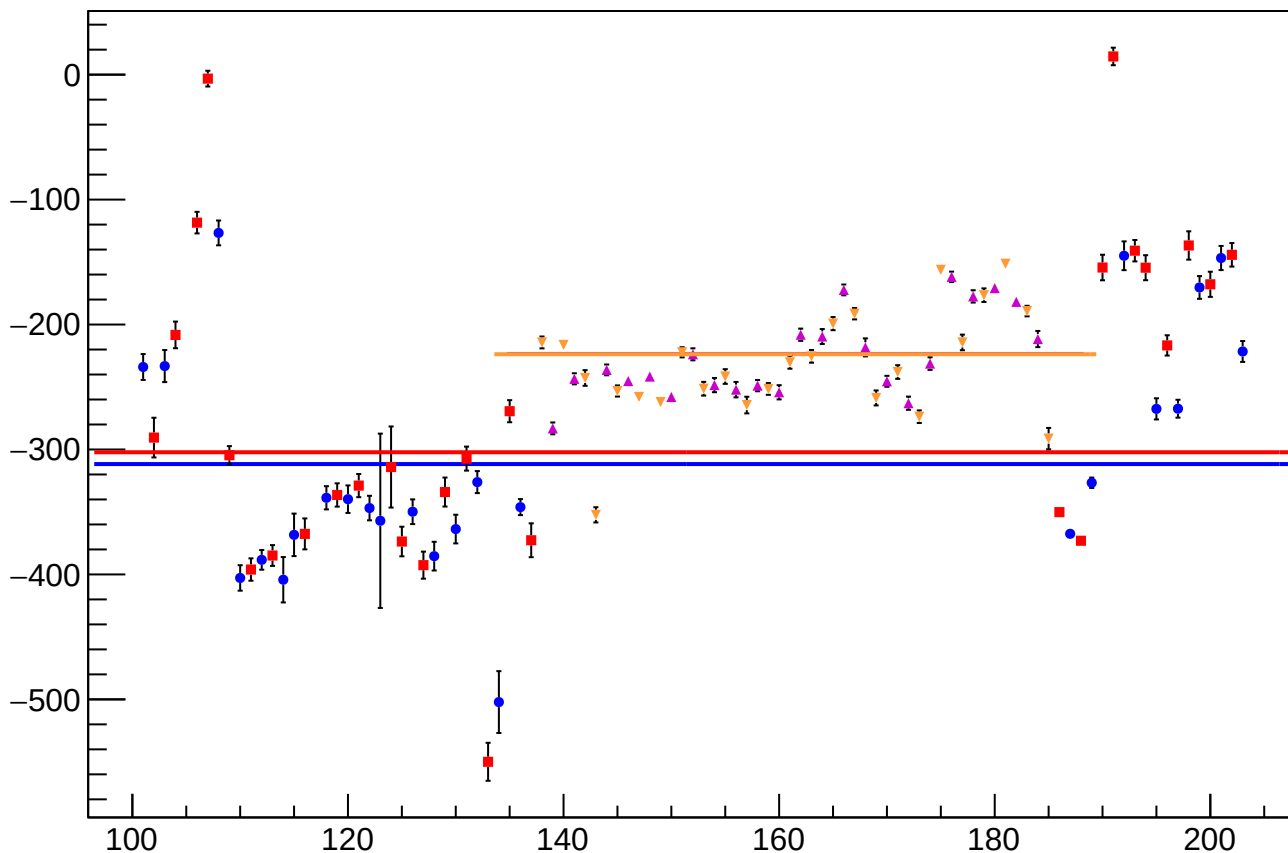
Left In: 6.797 ± 0.735 $\chi^2/\text{NDF}: 525.8/22$

+ sign 7.289 ± 0.622 $\chi^2/\text{NDF}: 1440.7/49$

All: 6.677 ± 0.435 $\chi^2/\text{NDF}: 2866.0/100$

- sign 6.091 ± 0.608 $\chi^2/\text{NDF}: 1423.3/50$

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: -302.214+/-1.270 χ^2/NDF : 8496.1/27

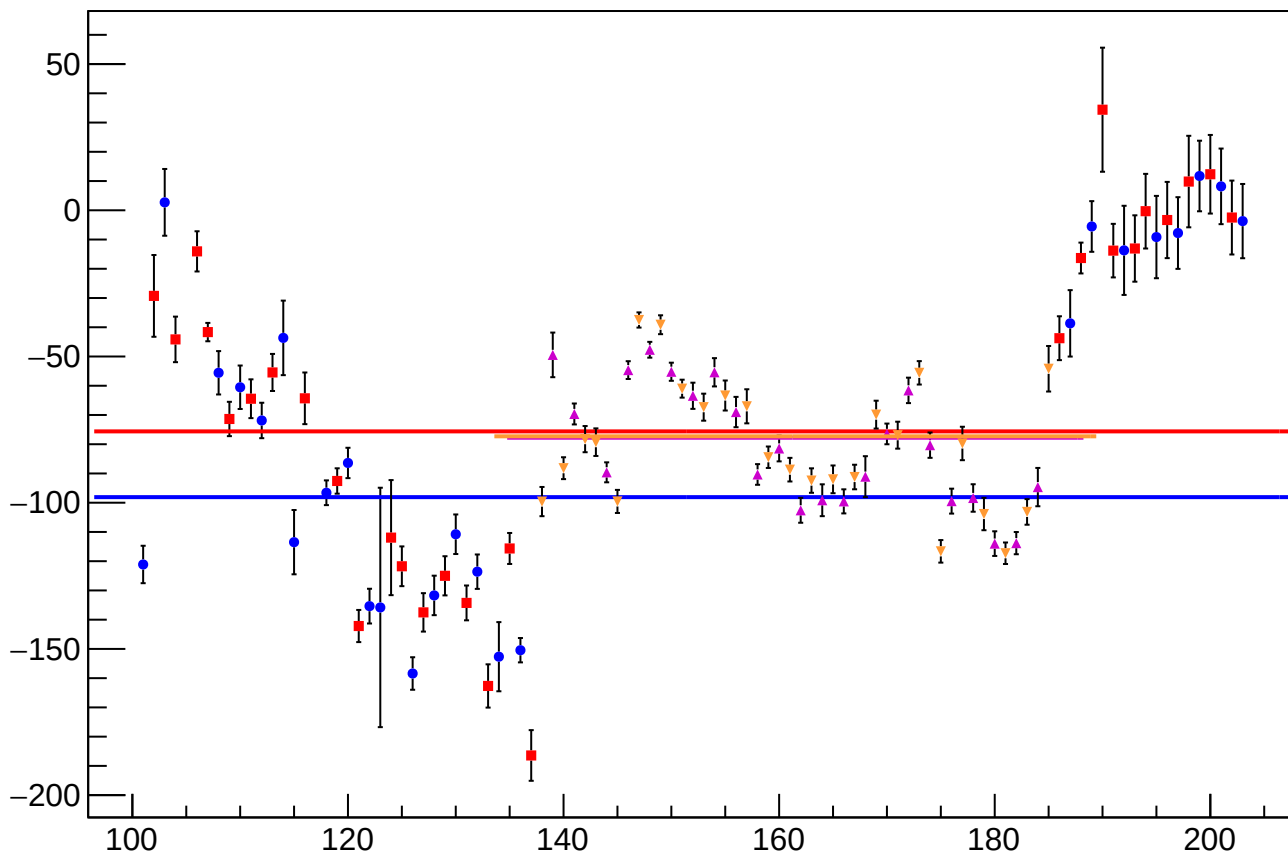
Left In: -223.554+/-0.966 χ^2/NDF : 1286.5/22

+ sign -245.201+/-0.833 χ^2/NDF : 6058.5/49

All: -249.068+/-0.565 χ^2/NDF : 18311.4/100

- sign -252.362+/-0.769 χ^2/NDF : 12213.0/50

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -98.094 ± 1.478 χ^2/NDF : 1049.8/24

Left Out: -77.296 ± 0.829 χ^2/NDF : 844.6/24

Right Out: -75.609 ± 1.303 χ^2/NDF : 1469.3/27

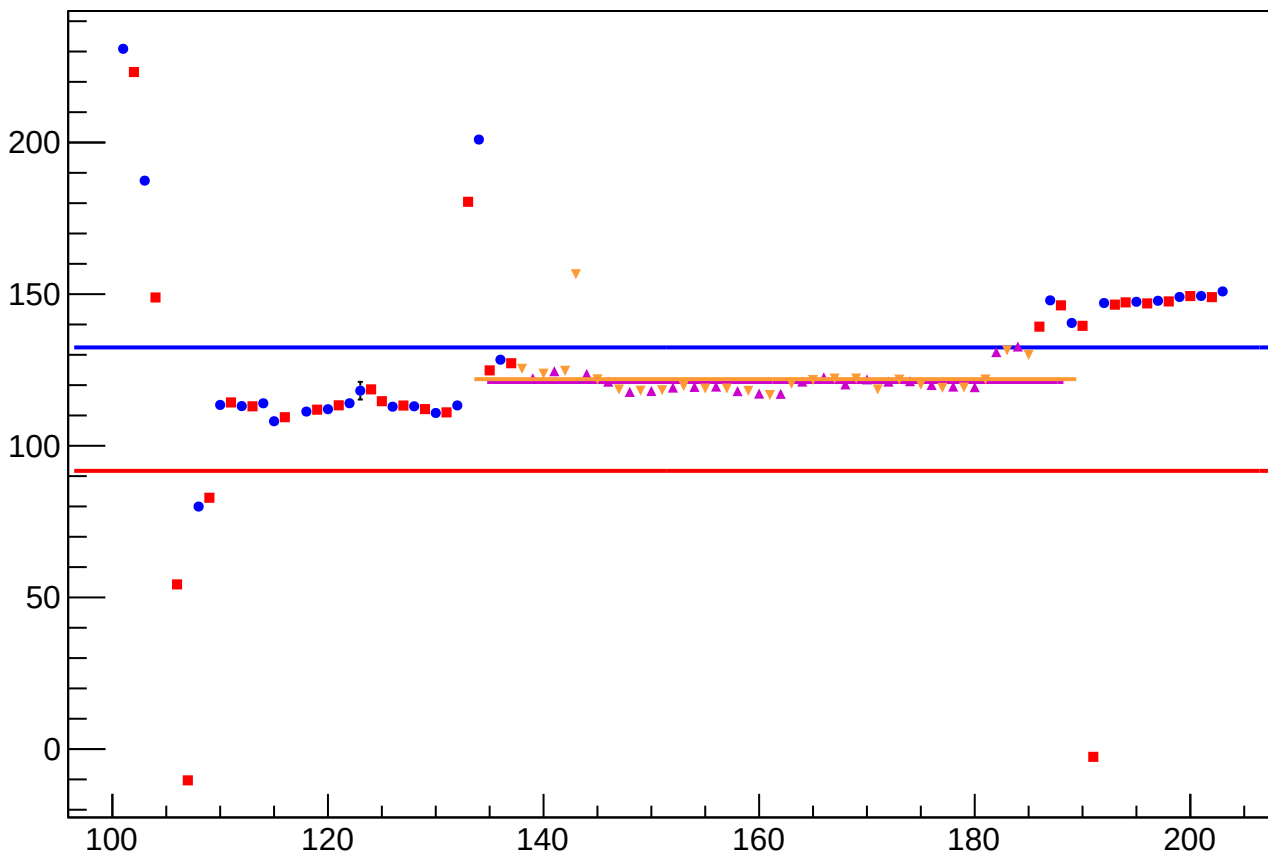
Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

+ sign -82.272 ± 0.723 χ^2/NDF : 2045.1/49

All: -79.657 ± 0.507 χ^2/NDF : 4166.5/100

- sign -77.133 ± 0.710 χ^2/NDF : 2095.7/50

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: 91.731 $\pm$ 0.063 χ^2 /NDF: 1084820.0/27

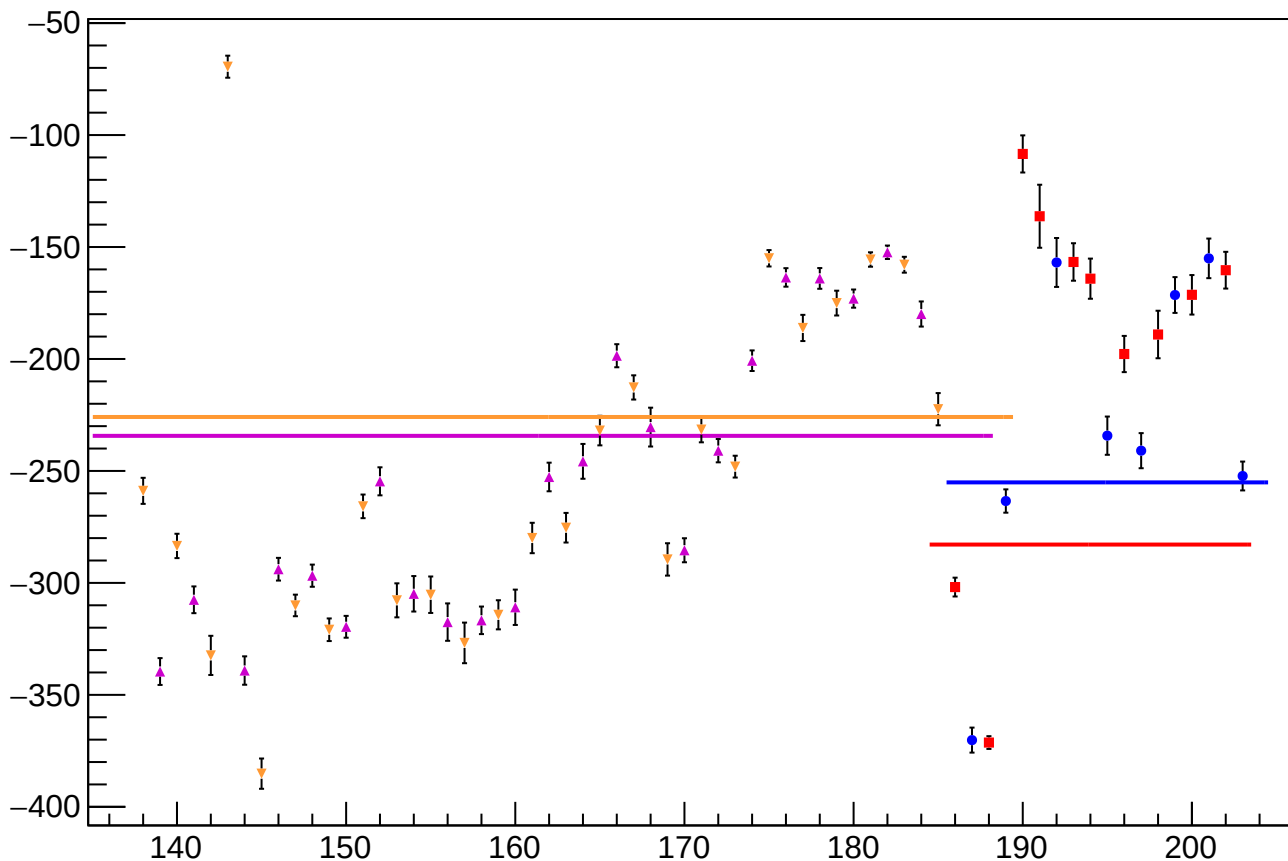
Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

+ sign 124.166 $\pm$ 0.035 χ^2 /NDF: 244094.3/49

All: 118.228 $\pm$ 0.024 χ^2 /NDF: 1545840.8/100

- sign 112.806 $\pm$ 0.034 χ^2 /NDF: 1247023.4/50

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: -282.879+/-1.898 χ^2/NDF : 2507.0/9

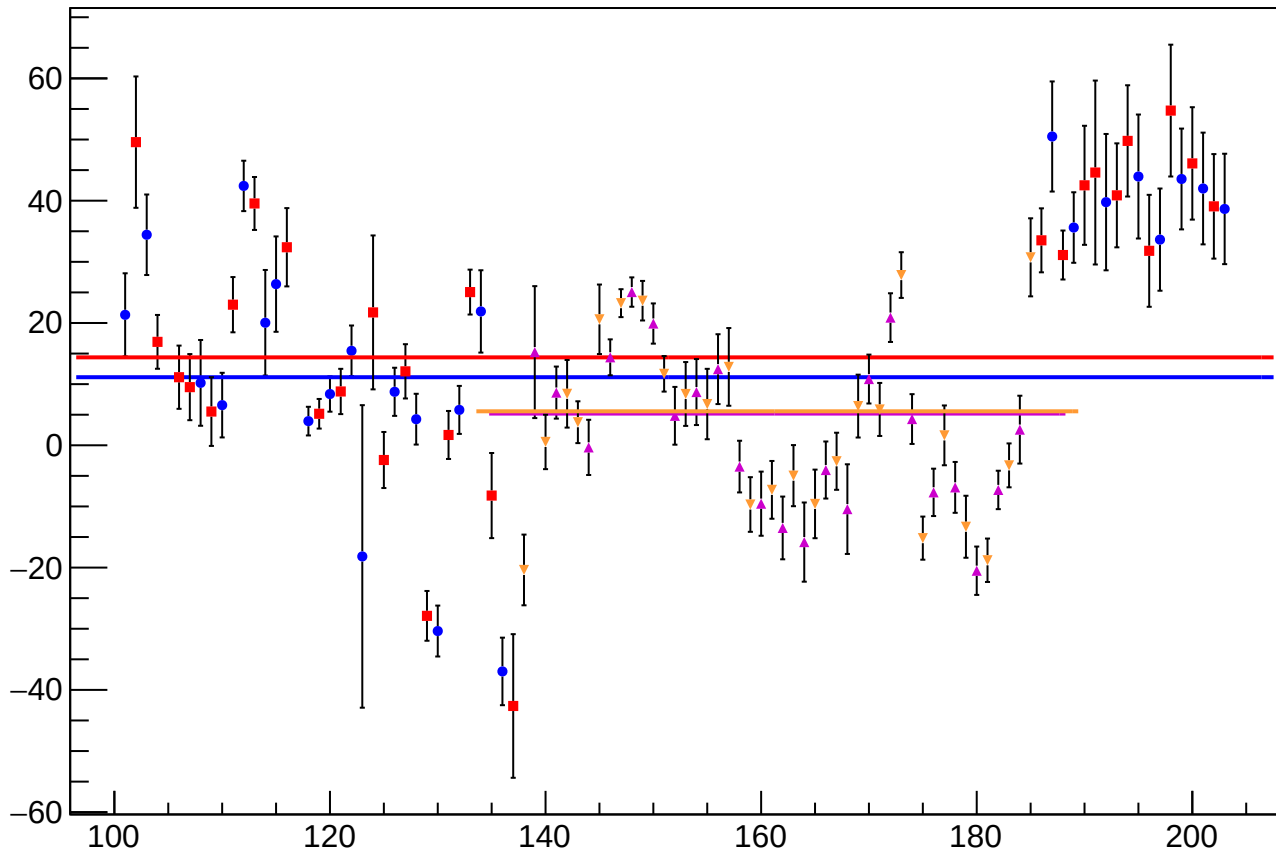
Left In: -234.328+/-1.104 χ^2/NDF : 3591.9/22

+ sign -230.520+/-0.994 χ^2/NDF : 5539.3/32

All: -238.893+/-0.689 χ^2/NDF : 12263.5/65

- sign -246.609+/-0.954 χ^2/NDF : 6587.9/32

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 11.133 ± 1.018 $\chi^2/\text{NDF}: 371.3/24$

Left Out: 5.558 ± 0.832 $\chi^2/\text{NDF}: 313.4/24$

Right Out: 14.379 ± 0.975 $\chi^2/\text{NDF}: 357.7/27$

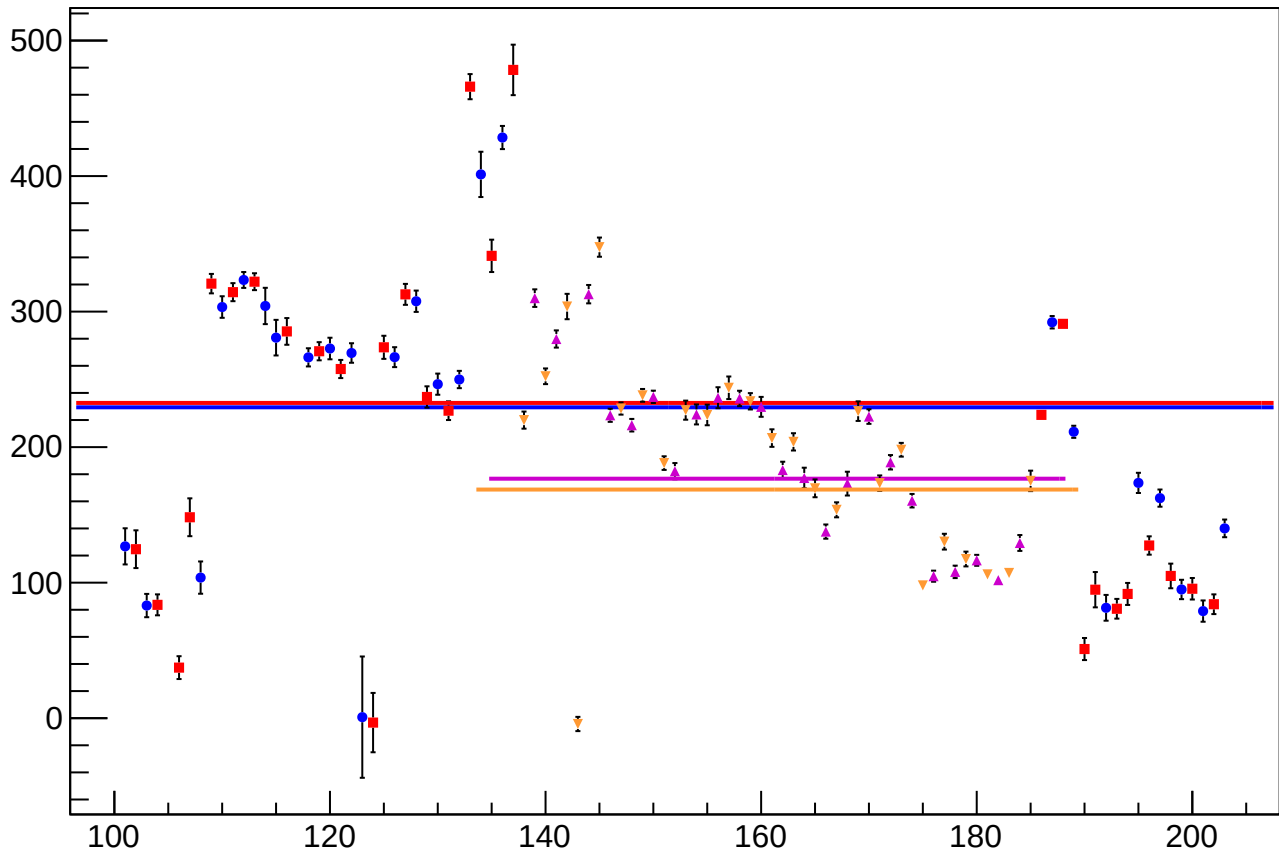
Left In: 5.186 ± 0.867 $\chi^2/\text{NDF}: 243.2/22$

+ sign 7.791 ± 0.644 $\chi^2/\text{NDF}: 702.7/49$

All: 8.513 ± 0.457 $\chi^2/\text{NDF}: 1355.8/100$

- sign 9.242 ± 0.648 $\chi^2/\text{NDF}: 650.5/50$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 229.381 $\pm$ 1.501 χ^2 /NDF: 3275.4/24

Left Out: 168.699 $\pm$ 1.086 χ^2 /NDF: 4238.2/24

Right Out: 232.617 $\pm$ 1.235 χ^2 /NDF: 5874.1/27

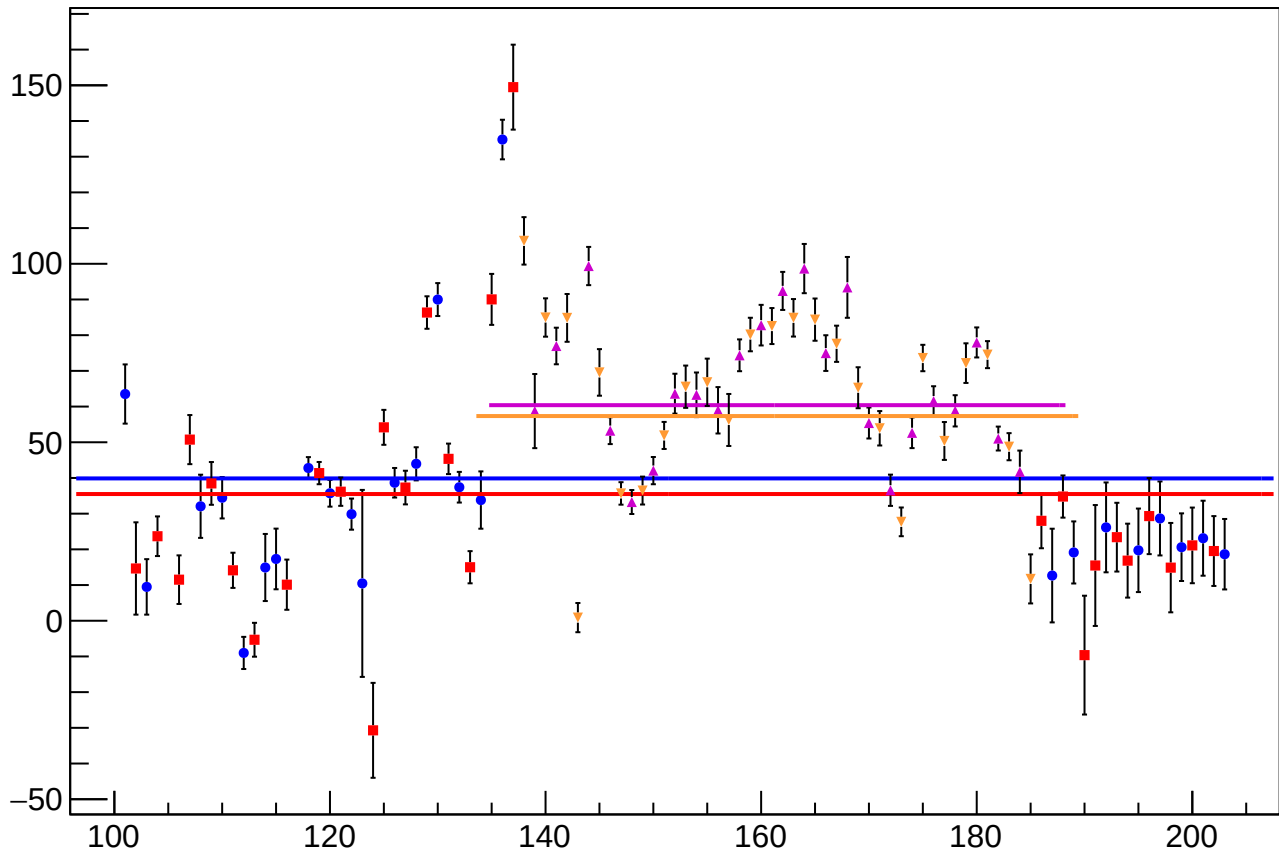
Left In: 176.711 $\pm$ 1.102 χ^2 /NDF: 3234.3/22

+ sign 189.568 $\pm$ 0.880 χ^2 /NDF: 8586.5/49

All: 195.940 $\pm$ 0.601 χ^2 /NDF: 18934.6/100

- sign 201.500 $\pm$ 0.822 χ^2 /NDF: 10249.9/50

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: 35.497 $\pm$ 1.147 χ^2/NDF : 496.8/27

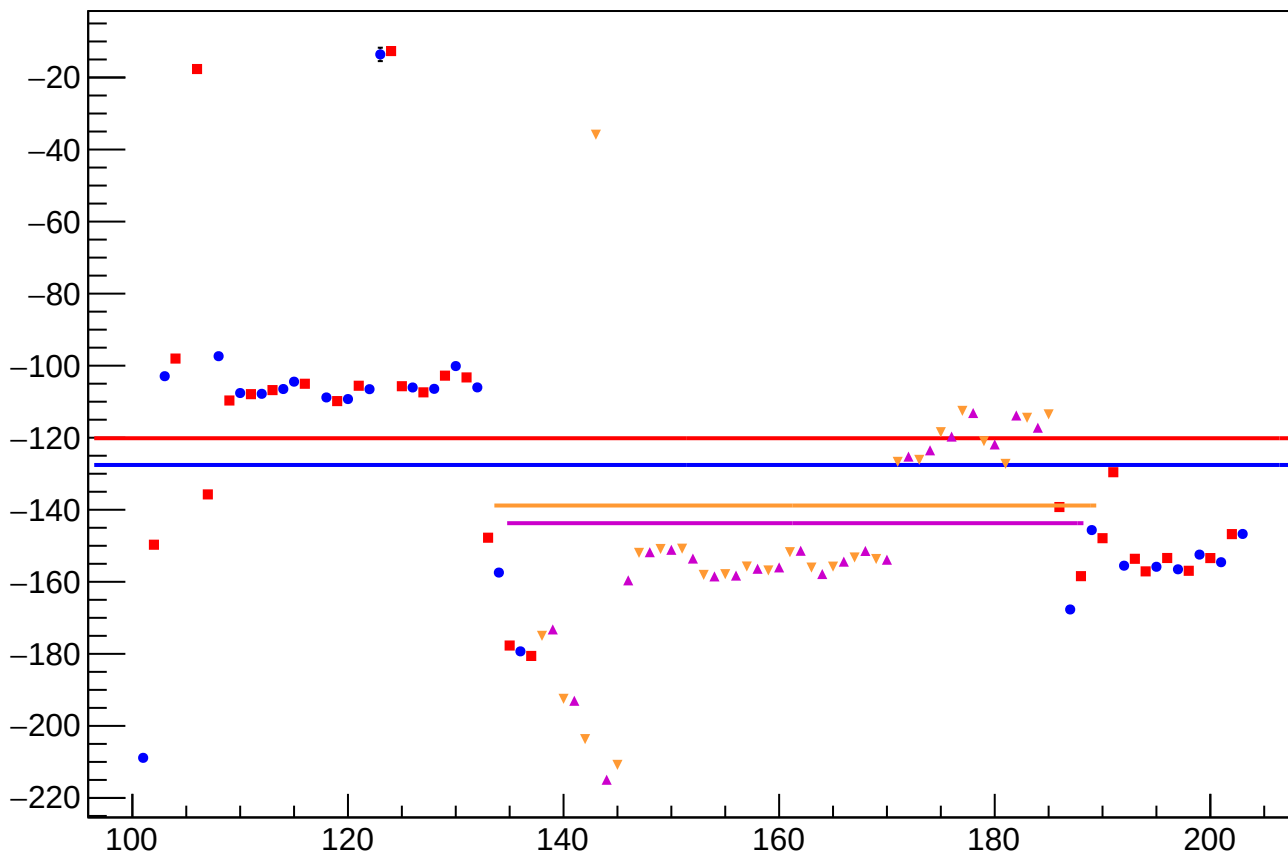
Left In: 60.392 $\pm$ 0.987 χ^2/NDF :341.2/22

+ sign 50.484 $\pm$ 0.745 χ^2/NDF : 1377.6/49

All: 50.142 $\pm$ 0.528 χ^2/NDF : 2486.7/100

- sign 49.798 $\pm$ 0.748 χ^2/NDF : 1108.7/50

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: -120.143+/-0.060 χ^2/NDF : 448657.9/27

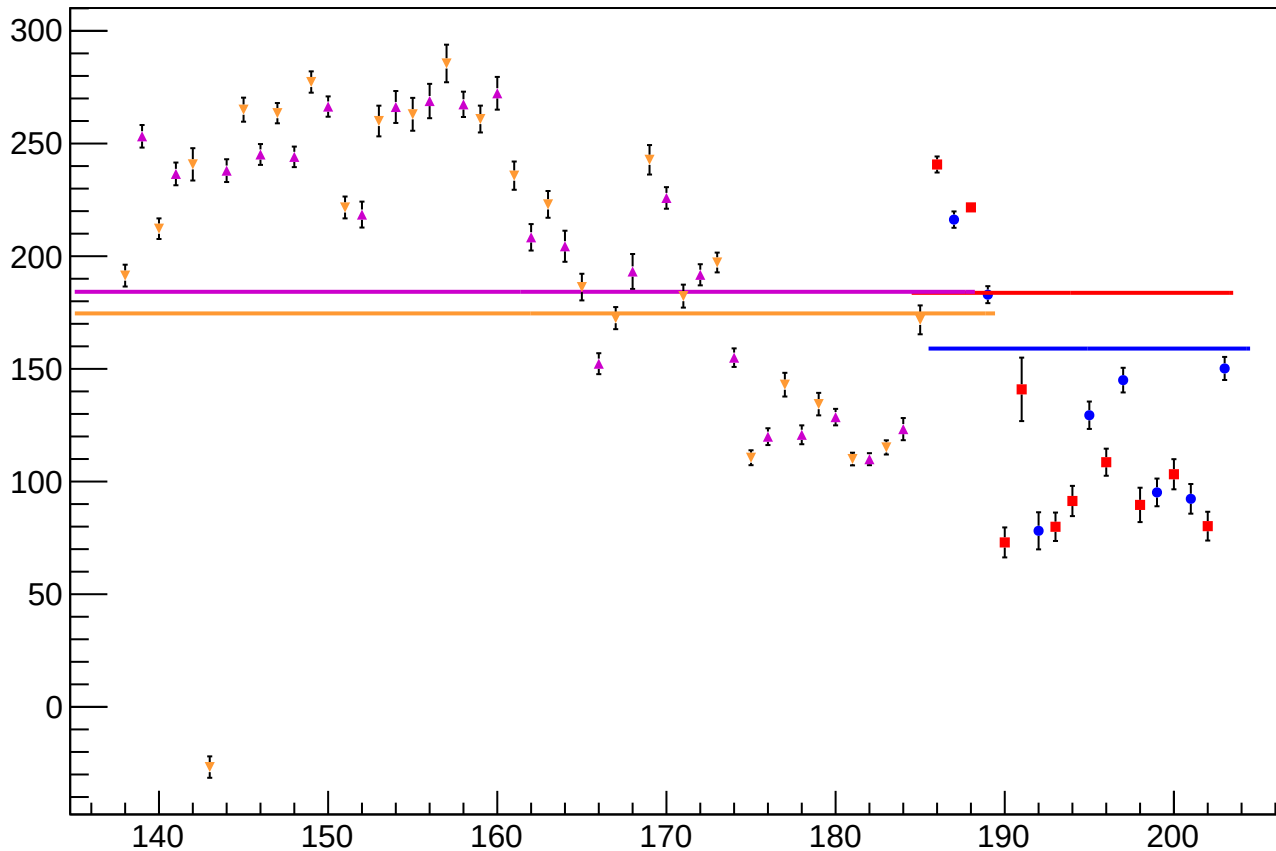
Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

+ sign -135.218+/-0.037 χ^2/NDF : 747259.4/49

All: -135.149+/-0.026 χ^2/NDF : 1553644.4/10

- sign -135.082+/-0.037 χ^2/NDF : 806378.2/50

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 159.012 ± 1.798 $\chi^2/\text{NDF}: 629.0/7$

Left Out: 174.613 ± 0.969 $\chi^2/\text{NDF}: 5551.3/24$

Right Out: 183.748 ± 1.369 $\chi^2/\text{NDF}: 2132.8/9$

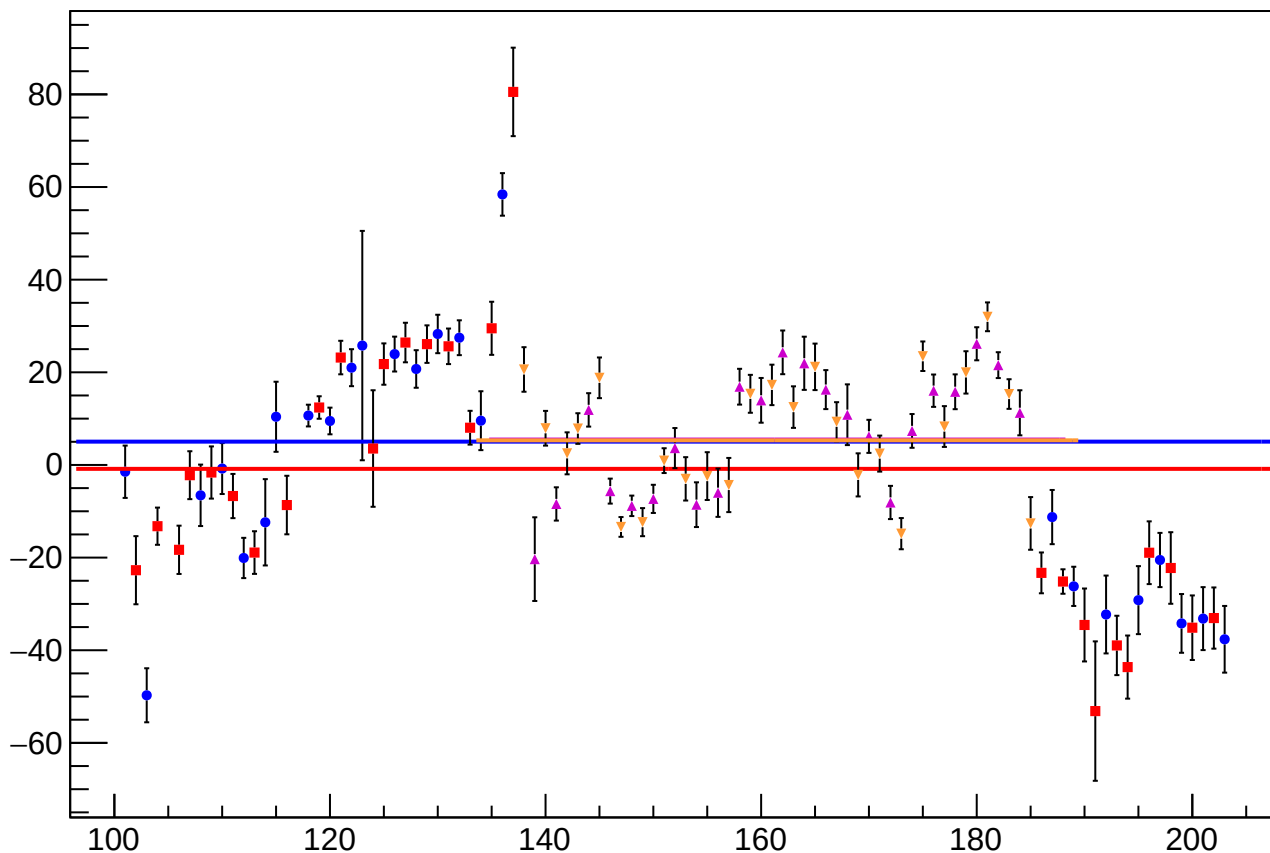
Left In: 184.205 ± 0.987 $\chi^2/\text{NDF}: 3637.1/22$

+ sign 171.102 ± 0.853 $\chi^2/\text{NDF}: 6238.6/32$

All: 177.985 ± 0.584 $\chi^2/\text{NDF}: 12131.1/65$

- sign 184.049 ± 0.801 $\chi^2/\text{NDF}: 5770.0/32$

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: -0.843 ± 0.895 χ^2/NDF : 665.8/27

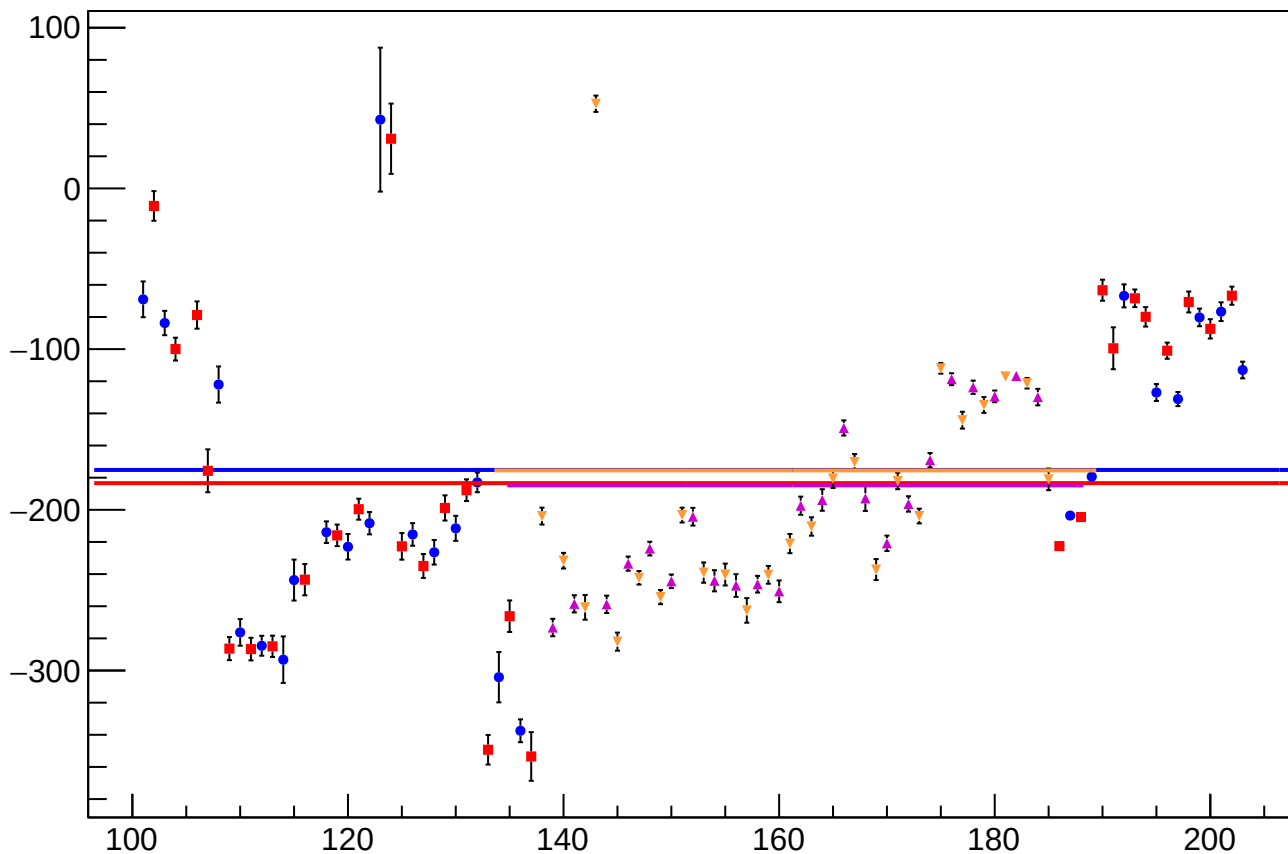
Left In: 5.483 ± 0.779 χ^2/NDF : 259.1/22

+ sign 5.206 ± 0.589 χ^2/NDF : 971.5/49

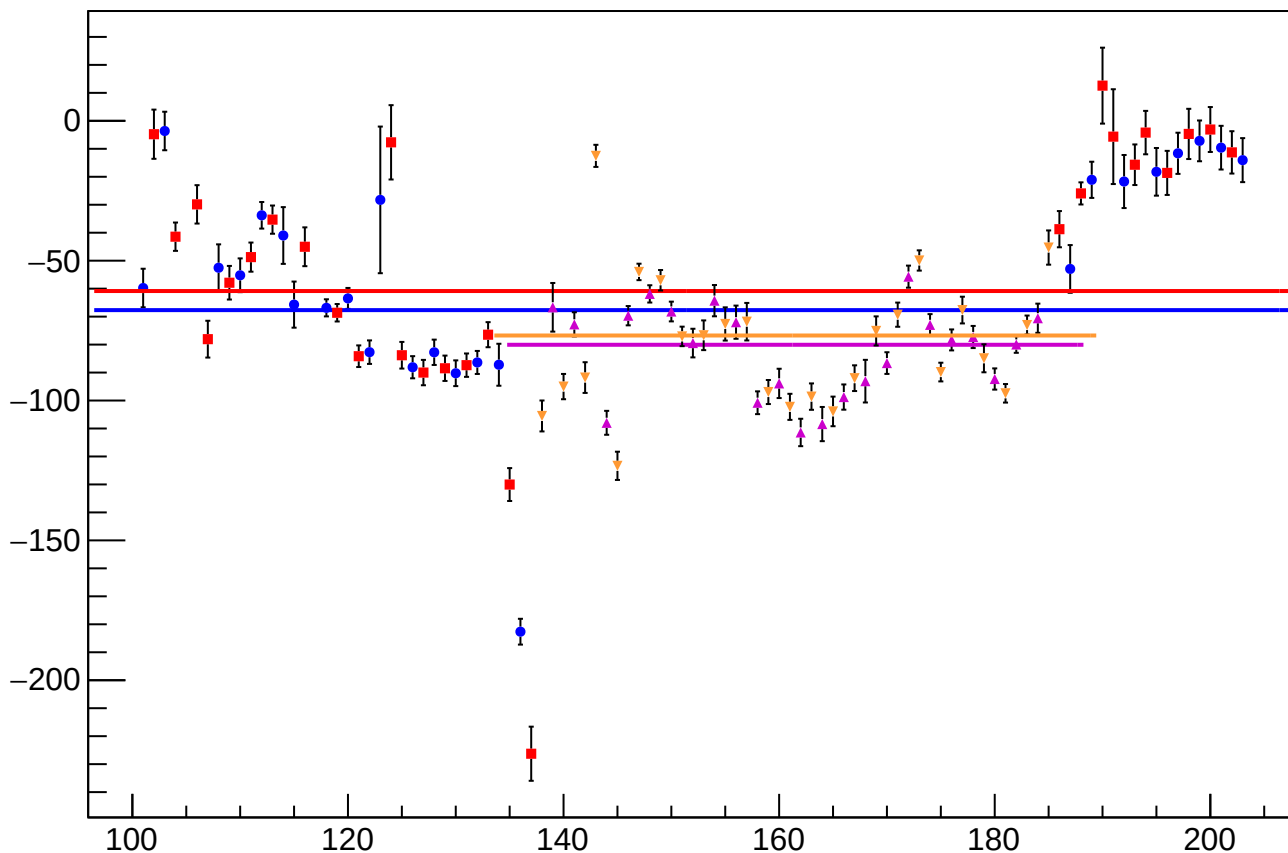
All: 3.979 ± 0.416 χ^2/NDF : 1933.5/100

- sign 2.756 ± 0.588 χ^2/NDF : 953.3/50

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -67.676 ± 1.115 $\chi^2/\text{NDF}: 1220.8/24$

Left Out: -76.747 ± 0.861 $\chi^2/\text{NDF}: 746.8/24$

Right Out: -60.851 ± 1.067 $\chi^2/\text{NDF}: 1146.1/27$

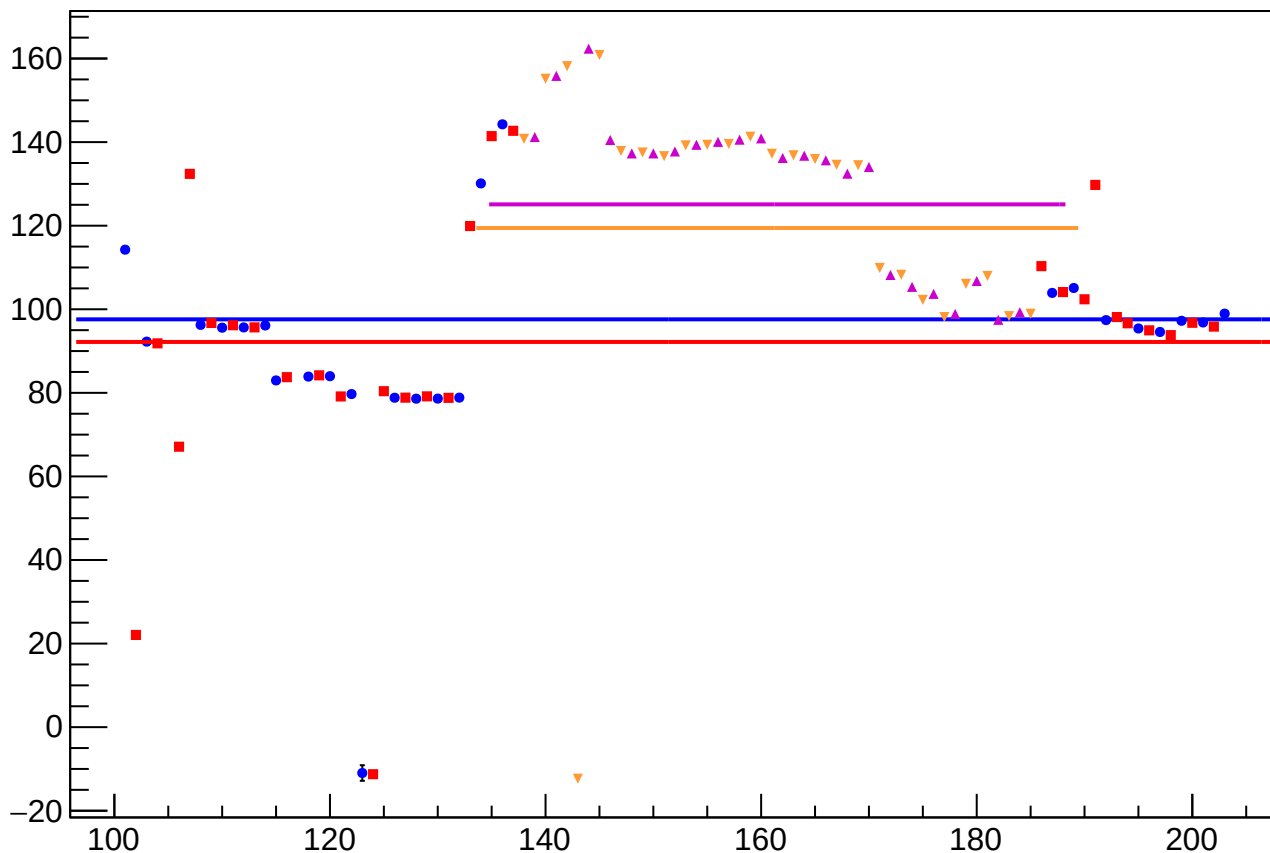
Left In: -80.068 ± 0.886 $\chi^2/\text{NDF}: 286.8/22$

+ sign -73.359 ± 0.681 $\chi^2/\text{NDF}: 2009.1/49$

All: -72.793 ± 0.482 $\chi^2/\text{NDF}: 3635.2/100$

- sign -72.226 ± 0.682 $\chi^2/\text{NDF}: 1624.8/50$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.589+/-0.058 χ^2/NDF : 95562.9/24

Left Out: 119.448+/-0.041 χ^2/NDF : 660075.8/24

Right Out: 92.179+/-0.053 χ^2/NDF : 240822.7/27

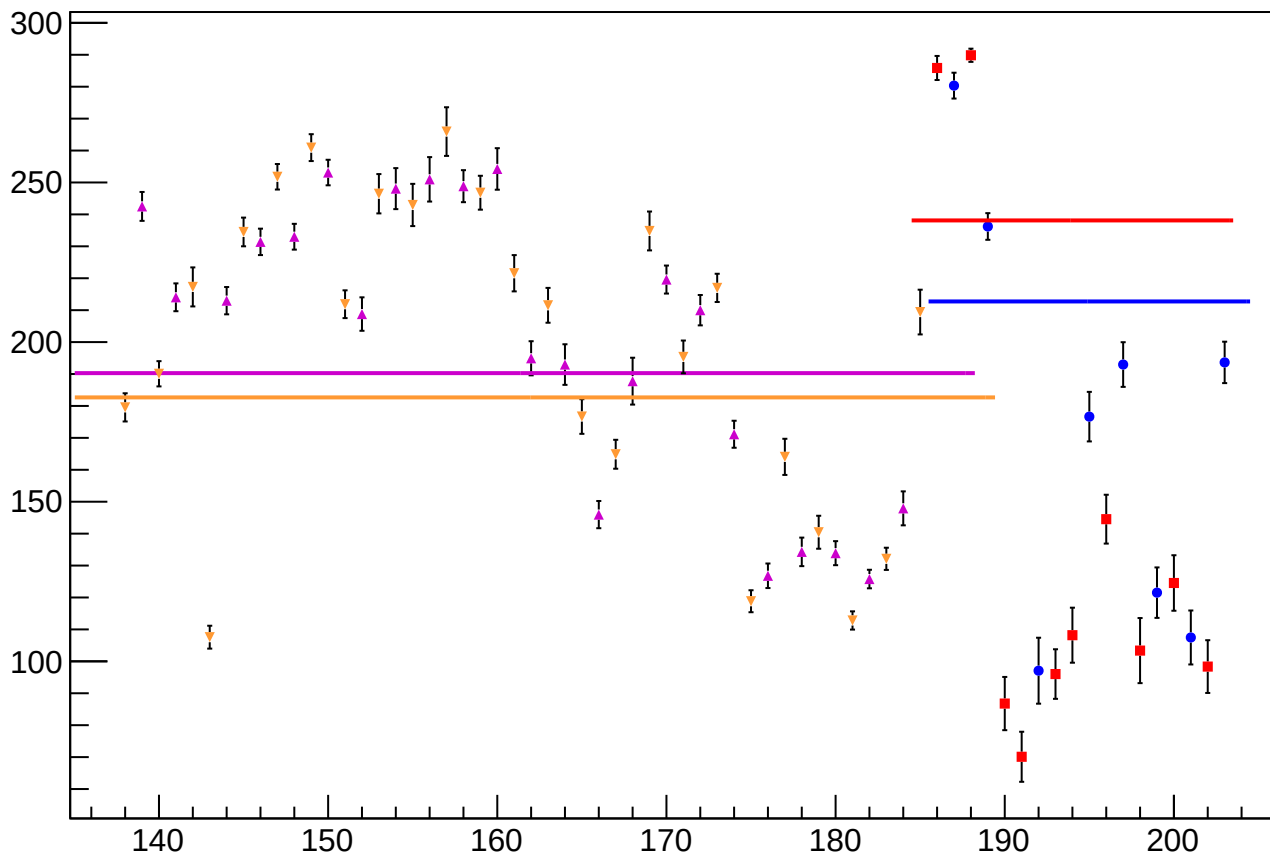
Left In: 125.101+/-0.041 χ^2/NDF : 222793.3/22

+ sign 112.217+/-0.033 χ^2/NDF : 851396.7/49

All: 112.415+/-0.023 χ^2/NDF : 1558694.1/100

- sign 112.603+/-0.032 χ^2/NDF : 707228.4/50

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 212.732 ± 2.139 $\chi^2/\text{NDF}: 762.7/7$

Left Out: 182.672 ± 0.919 $\chi^2/\text{NDF}: 3230.7/24$

Right Out: 238.111 ± 1.544 $\chi^2/\text{NDF}: 2918.6/9$

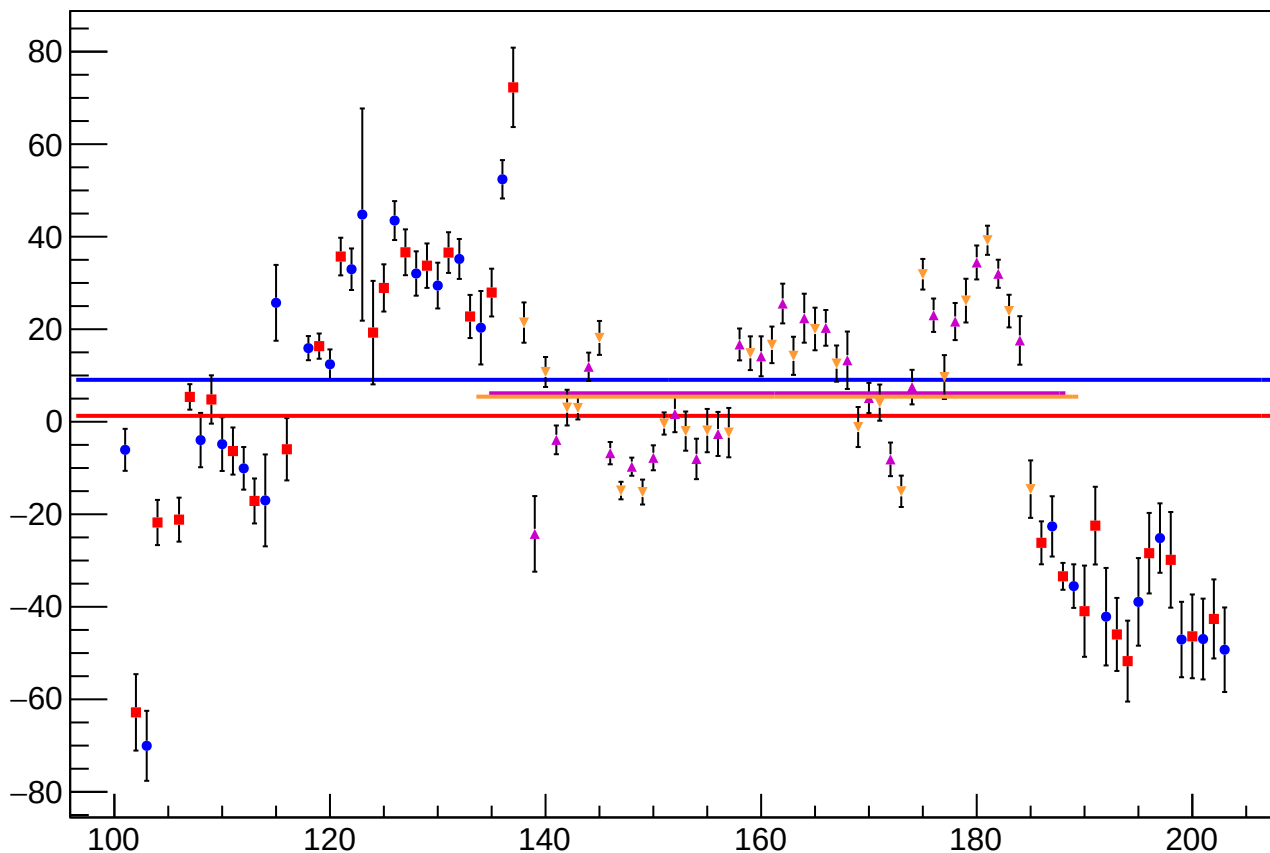
Left In: 190.279 ± 0.949 $\chi^2/\text{NDF}: 2452.9/22$

+ sign 187.353 ± 0.844 $\chi^2/\text{NDF}: 4160.1/32$

All: 195.719 ± 0.584 $\chi^2/\text{NDF}: 10416.8/65$

- sign 203.396 ± 0.808 $\chi^2/\text{NDF}: 6068.2/32$

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: 1.277 ± 0.948 χ^2/NDF : 887.9/27

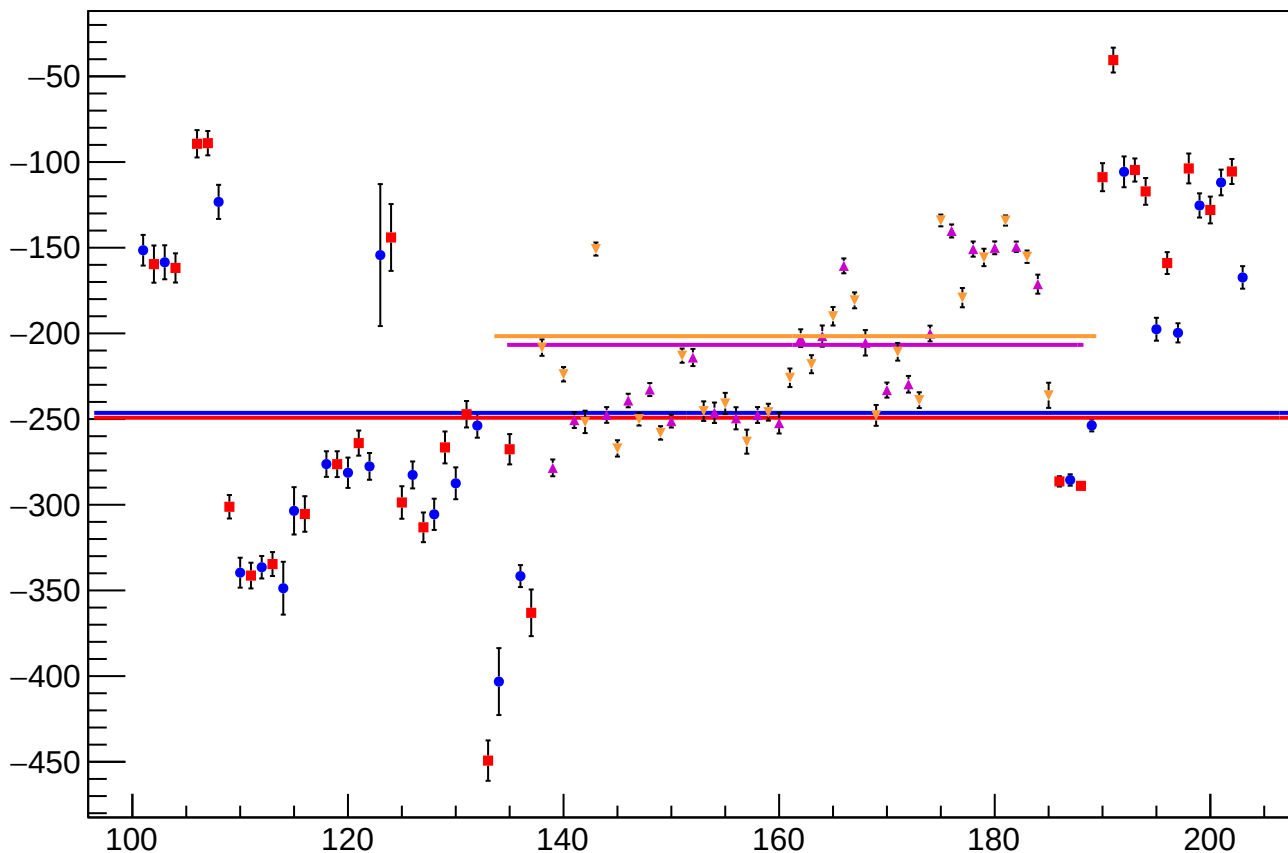
Left In: 6.151 ± 0.730 χ^2/NDF : 410.6/22

+ sign 6.529 ± 0.578 χ^2/NDF : 1299.2/49

All: 5.433 ± 0.409 χ^2/NDF : 2621.4/100

- sign 4.336 ± 0.578 χ^2/NDF : 1315.0/50

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: -249.213 ± 1.077 χ^2/NDF : 5663.0/27

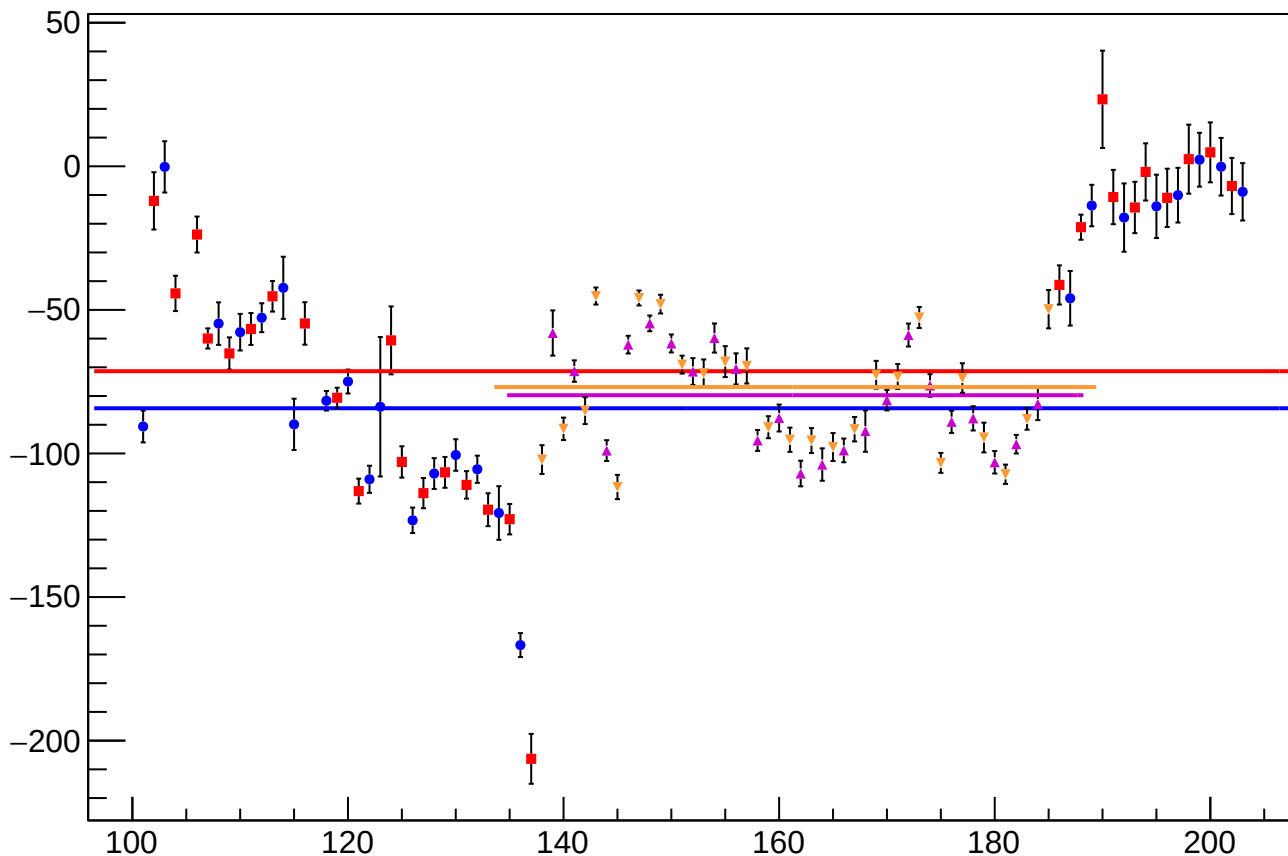
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ sign -215.221 ± 0.770 χ^2/NDF : 5577.2/49

All: -220.613 ± 0.522 χ^2/NDF : 14345.4/100

- sign -225.214 ± 0.711 χ^2/NDF : 8677.2/50

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -84.258 $\pm$ 1.231 χ^2/NDF : 1199.4/24

Left Out: -76.870 $\pm$ 0.802 χ^2/NDF : 758.7/24

Right Out: -71.356 $\pm$ 1.134 χ^2/NDF : 1359.9/27

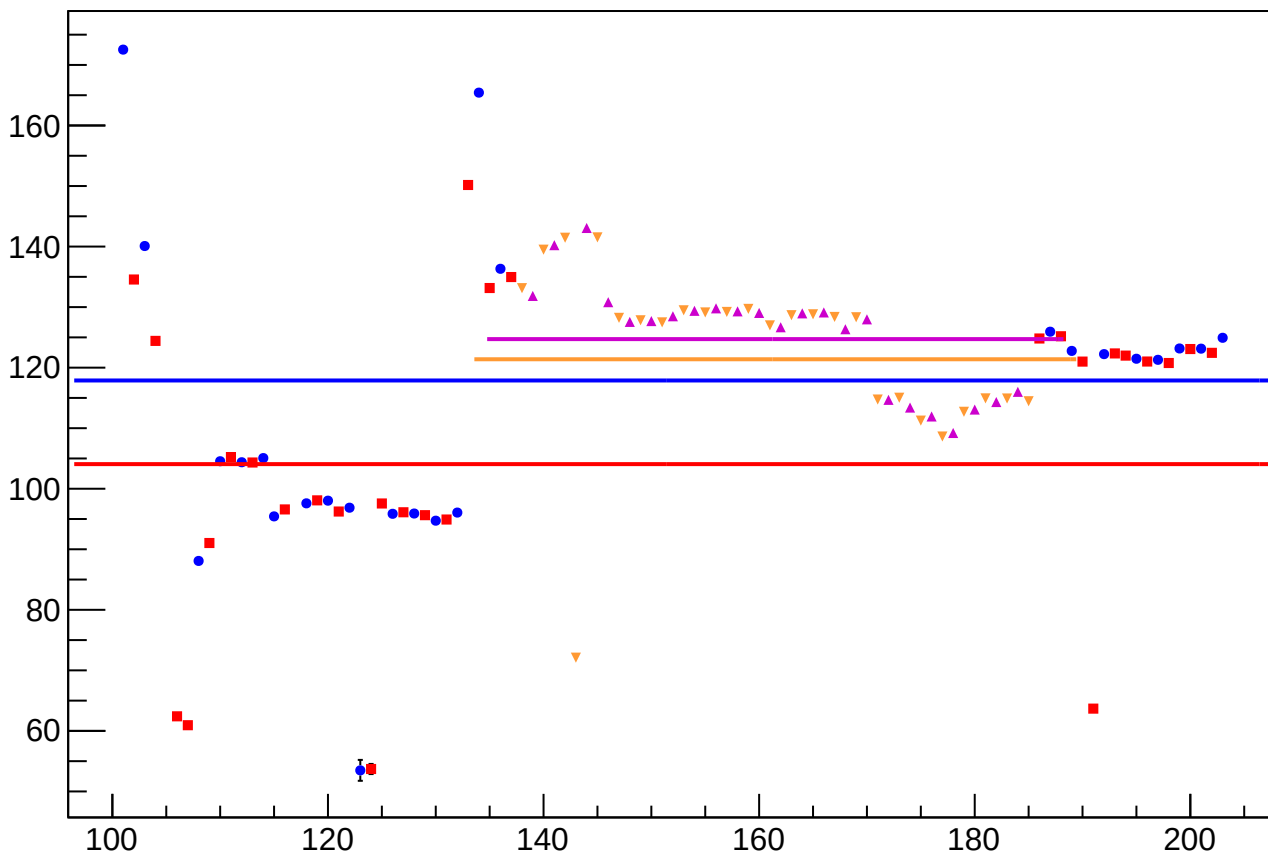
Left In: -79.719 $\pm$ 0.837 χ^2/NDF : 415.2/22

+ sign -79.070 $\pm$ 0.672 χ^2/NDF : 1983.4/49

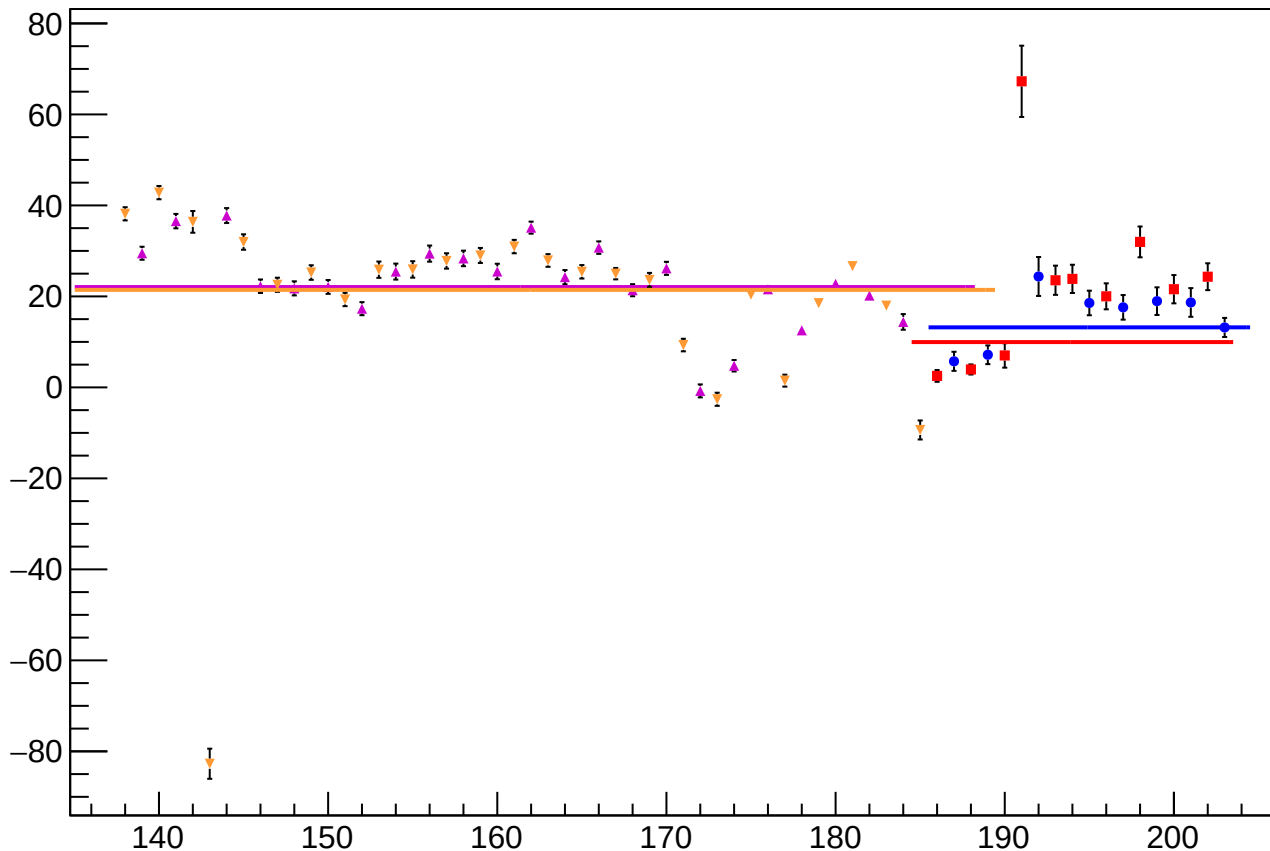
All: -77.922 $\pm$ 0.476 χ^2/NDF : 3799.5/100

- sign -76.768 $\pm$ 0.674 χ^2/NDF : 1810.2/50

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



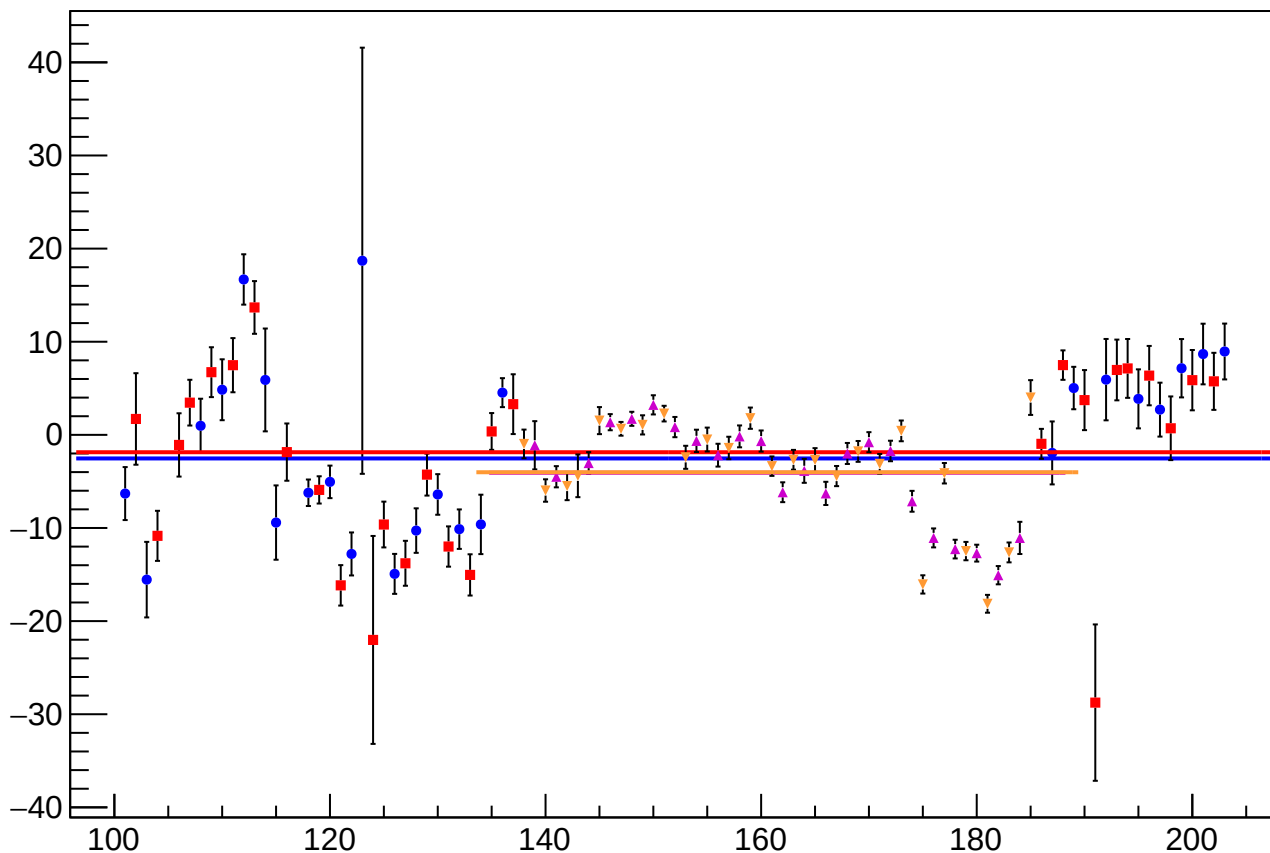
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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: 9.959 $\pm$ 0.676 χ^2 /NDF: 247.2/9
 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: 20.462 $\pm$ 0.188 χ^2 /NDF: 3985.2/65
 - sign 20.239 $\pm$ 0.262 χ^2 /NDF: 1460.3/32

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -2.534 ± 0.511 $\chi^2/\text{NDF}: 247.5/24$

Left Out: -4.015 ± 0.223 $\chi^2/\text{NDF}: 731.7/24$

Right Out: -1.866 ± 0.477 $\chi^2/\text{NDF}: 301.4/27$

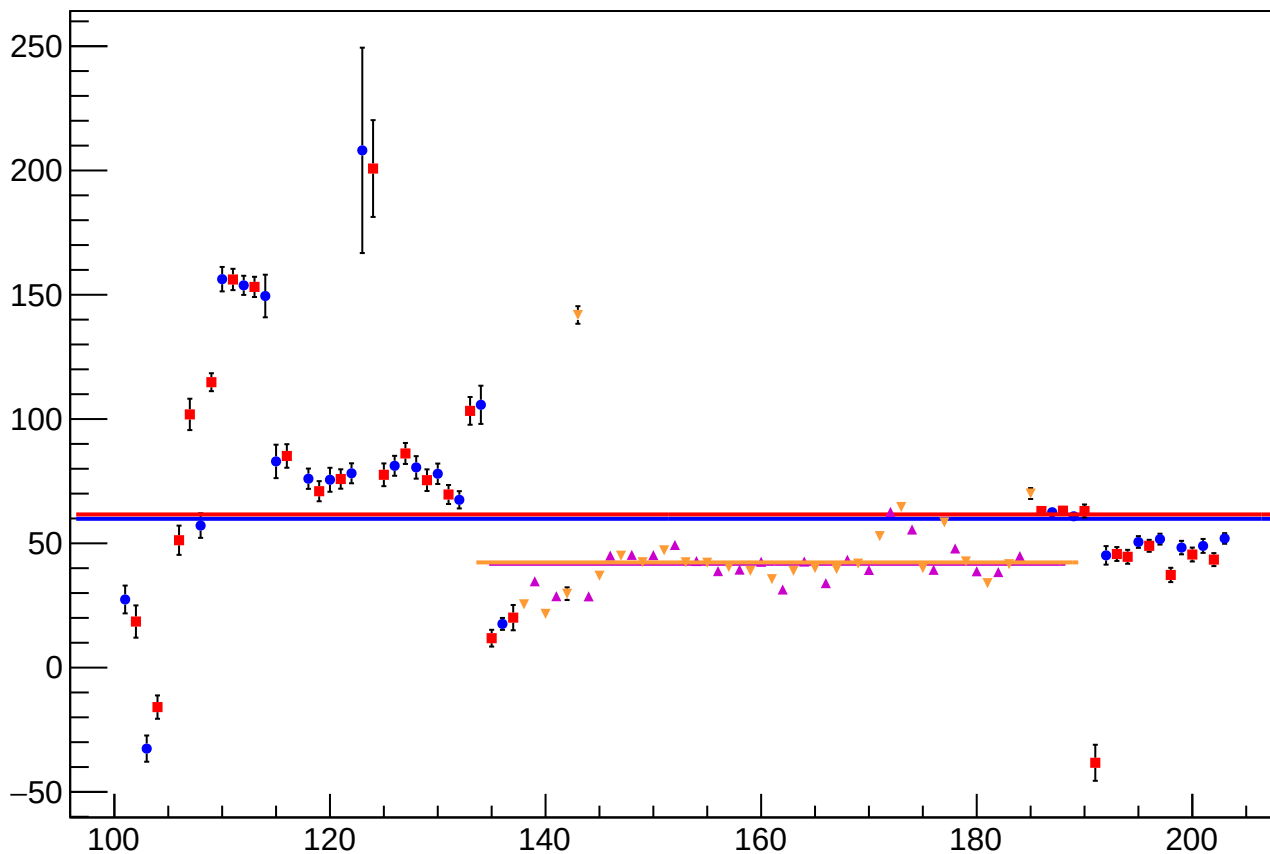
Left In: -4.069 ± 0.227 $\chi^2/\text{NDF}: 580.1/22$

+ sign -3.777 ± 0.205 $\chi^2/\text{NDF}: 986.2/49$

All: -3.719 ± 0.145 $\chi^2/\text{NDF}: 1885.2/100$

- sign -3.661 ± 0.205 $\chi^2/\text{NDF}: 898.8/50$

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: 61.629 $\pm$ 0.499 χ^2 /NDF: 2508.7/27

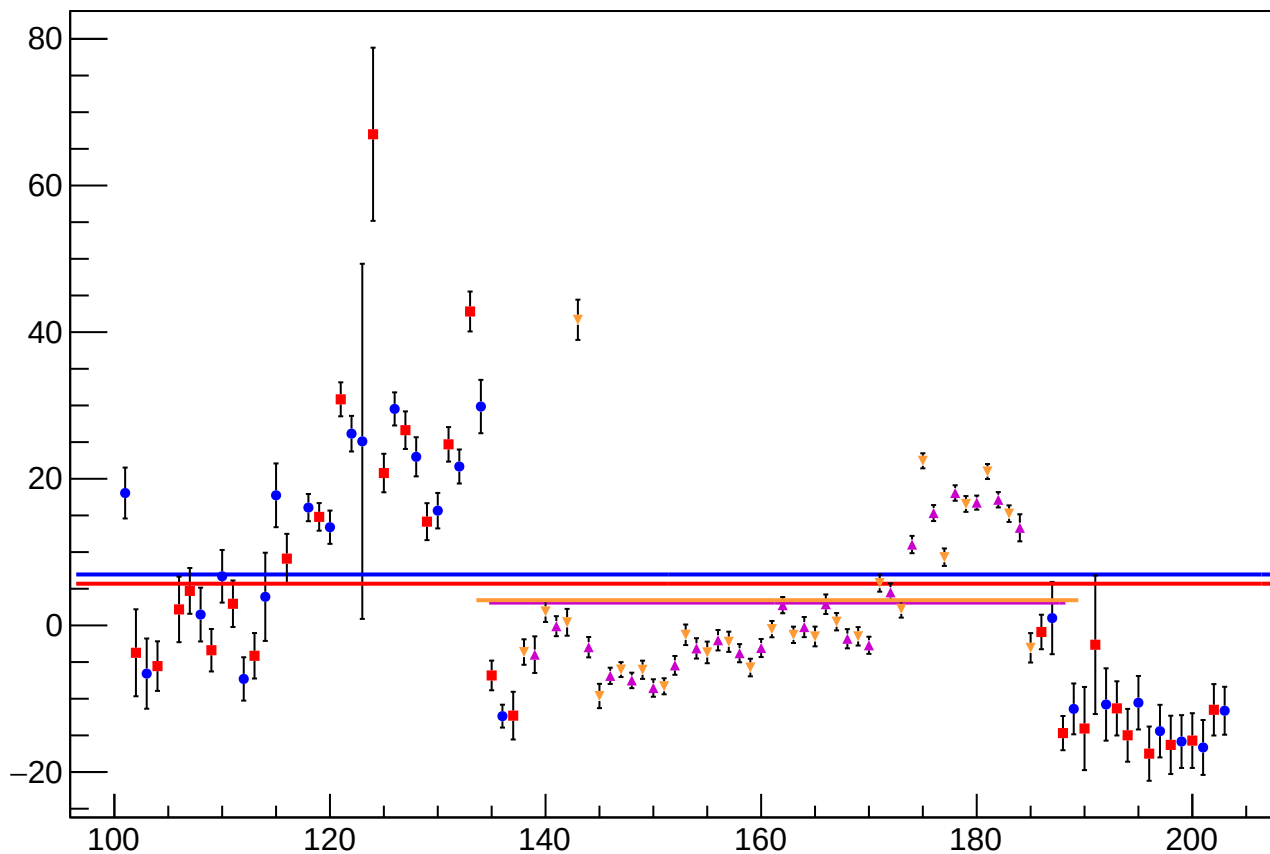
Left In: 41.755 $\pm$ 0.283 χ^2 /NDF:659.6/22

+ sign 45.193 $\pm$ 0.258 χ^2 /NDF: 4503.9/49

All: 45.929 $\pm$ 0.178 χ^2 /NDF: 8889.5/100

- sign 46.599 $\pm$ 0.246 χ^2 /NDF: 4370.1/50

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: 5.687 ± 0.567 χ^2/NDF : 912.8/27

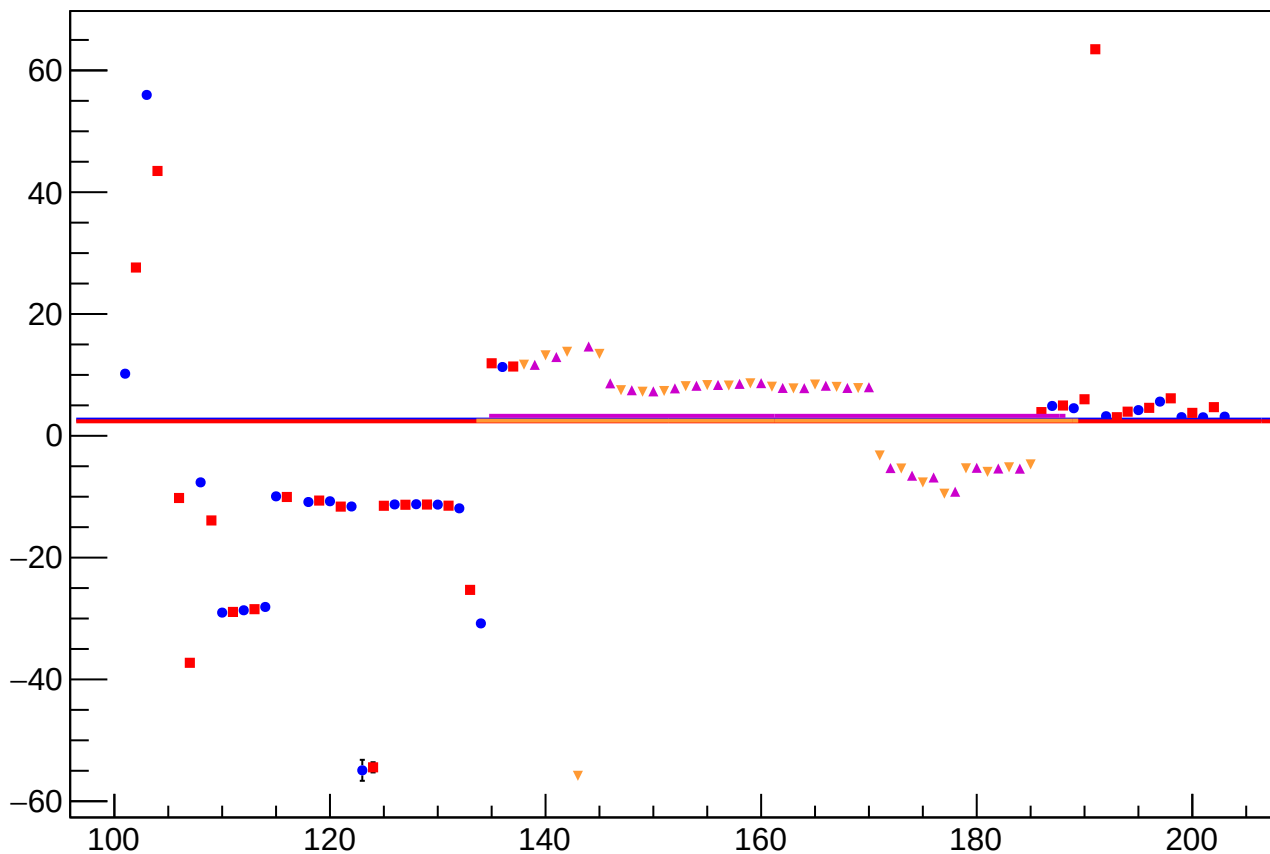
Left In: 3.114 ± 0.256 χ^2/NDF : 1273.1/22

+ sign 3.982 ± 0.232 χ^2/NDF : 2417.9/49

All: 3.767 ± 0.165 χ^2/NDF : 4622.6/100

- sign 3.551 ± 0.234 χ^2/NDF : 2203.0/50

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: 2.380 $\pm$ 0.027 χ^2 /NDF: 425962.6/27

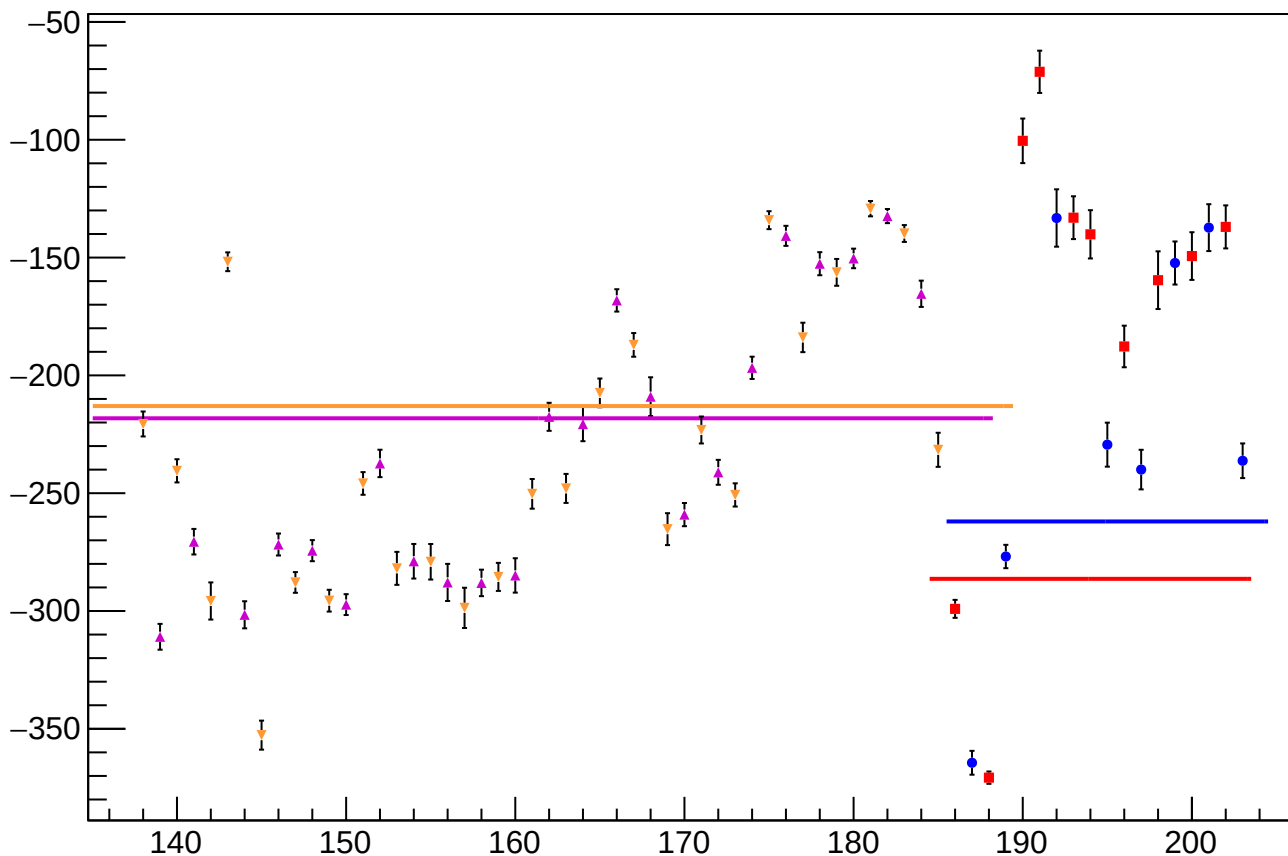
Left In: 3.281 $\pm$ 0.012 χ^2 /NDF: 409605.3/22

+ sign 2.520 $\pm$ 0.011 χ^2 /NDF: 949163.4/49

All: 2.831 $\pm$ 0.008 χ^2 /NDF: 1787361.7/100

- sign 3.139 $\pm$ 0.011 χ^2 /NDF: 836517.0/50

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: -286.346 ± 1.820 χ^2/NDF : 3187.5/9

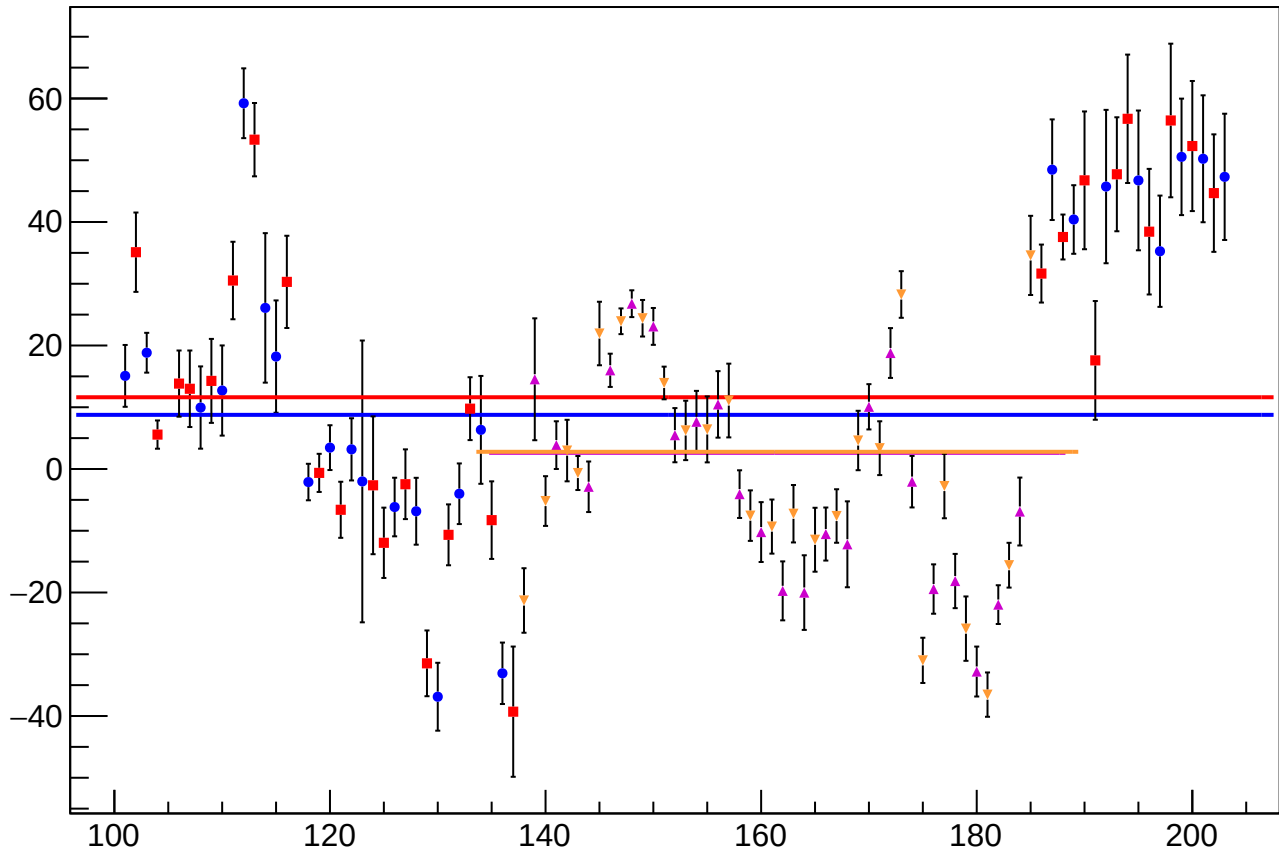
Left In: -218.216 ± 1.063 χ^2/NDF : 3499.0/22

+ sign -219.910 ± 0.960 χ^2/NDF : 5003.8/32

All: -228.077 ± 0.663 χ^2/NDF : 12873.9/65

- sign -235.544 ± 0.918 χ^2/NDF : 7731.6/32

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: 11.619 ± 1.032 χ^2/NDF : 422.1/27

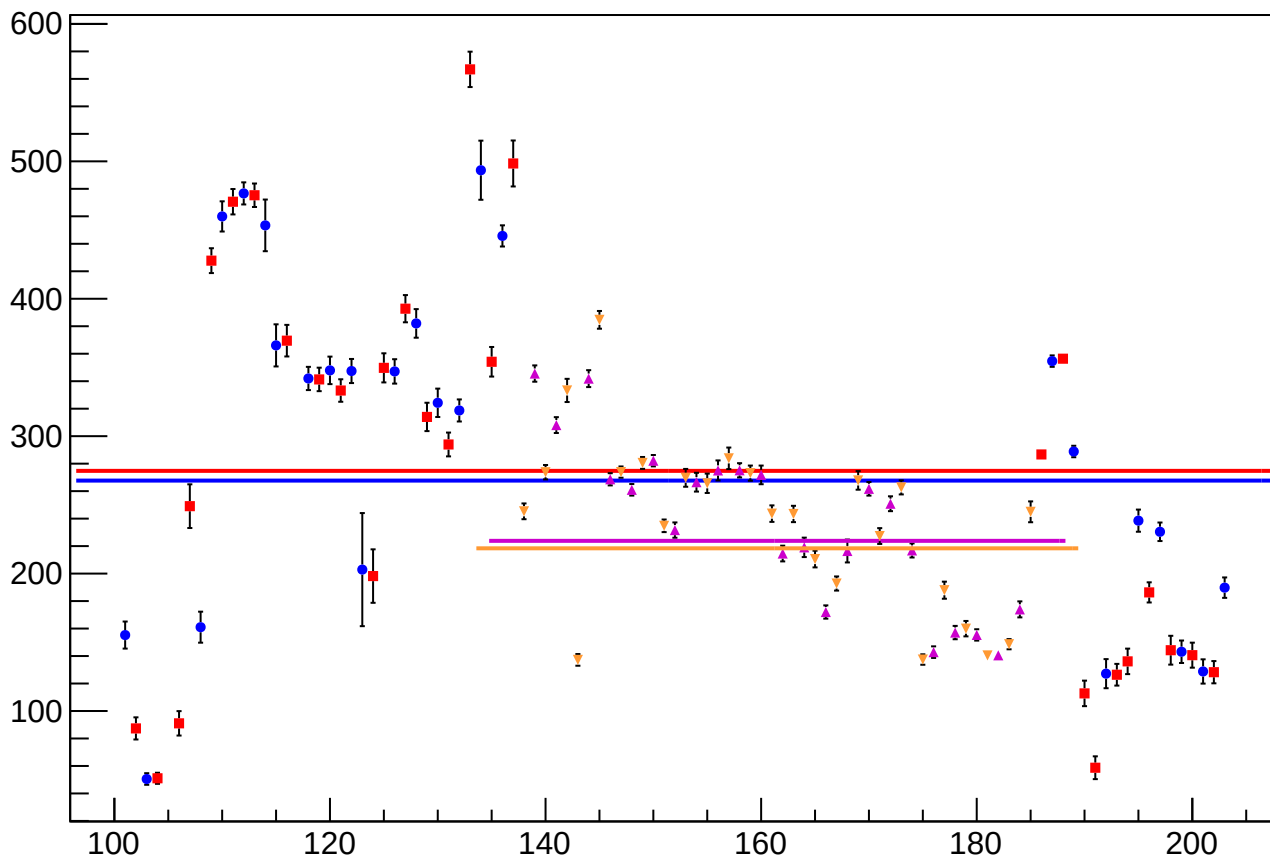
Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

+ sign 4.696 ± 0.644 χ^2/NDF : 1012.3/49

All: 5.402 ± 0.455 χ^2/NDF : 1961.0/100

- sign 6.106 ± 0.642 χ^2/NDF : 946.3/50

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: 274.753 ± 1.218 $\chi^2/\text{NDF}: 10417.5/27$

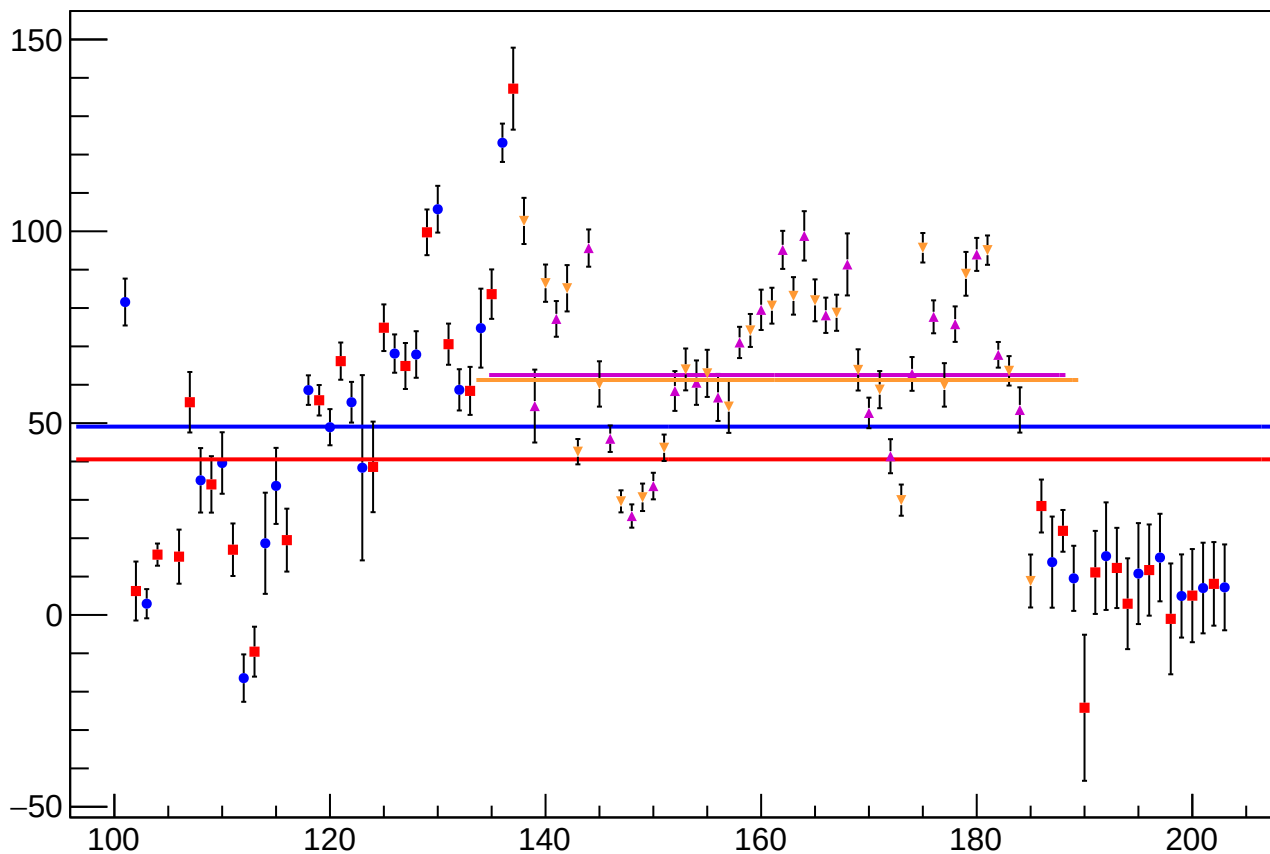
Left In: 223.827 ± 1.058 $\chi^2/\text{NDF}: 3444.7/22$

+ sign 233.632 ± 0.862 $\chi^2/\text{NDF}: 10786.9/49$

All: 240.143 ± 0.586 $\chi^2/\text{NDF}: 25750.7/100$

- sign 245.731 ± 0.799 $\chi^2/\text{NDF}: 14857.9/50$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 49.089 ± 1.338 χ^2/NDF : 743.7/24

Left Out: 61.240 ± 0.903 χ^2/NDF : 718.8/24

Right Out: 40.553 ± 1.240 χ^2/NDF : 627.6/27

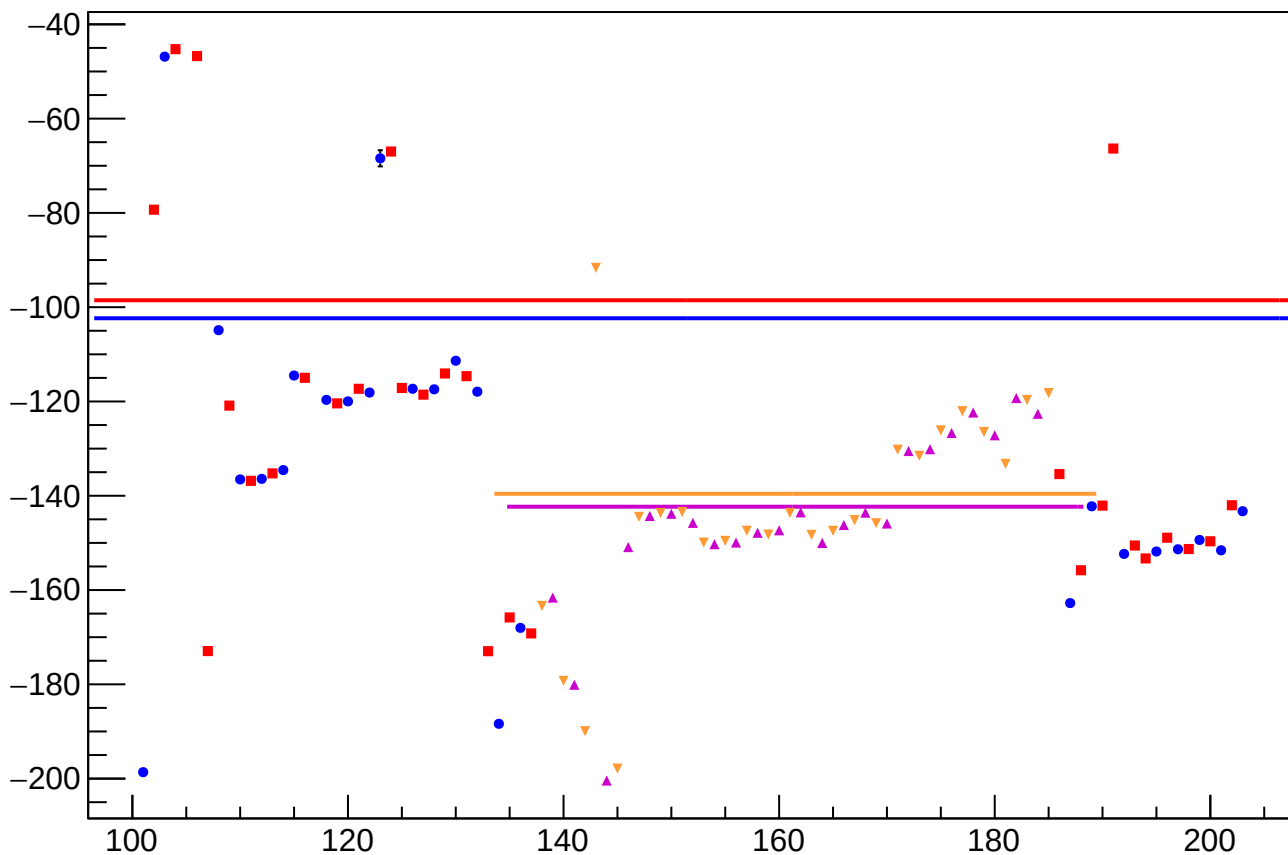
Left In: 62.538 ± 0.940 χ^2/NDF : 520.0/22

+ sign 57.439 ± 0.748 χ^2/NDF : 1519.3/49

All: 55.980 ± 0.529 χ^2/NDF : 2873.9/100

- sign 54.516 ± 0.749 χ^2/NDF : 1347.0/50

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: -98.531+/-0.056 χ^2/NDF : 714048.0/27

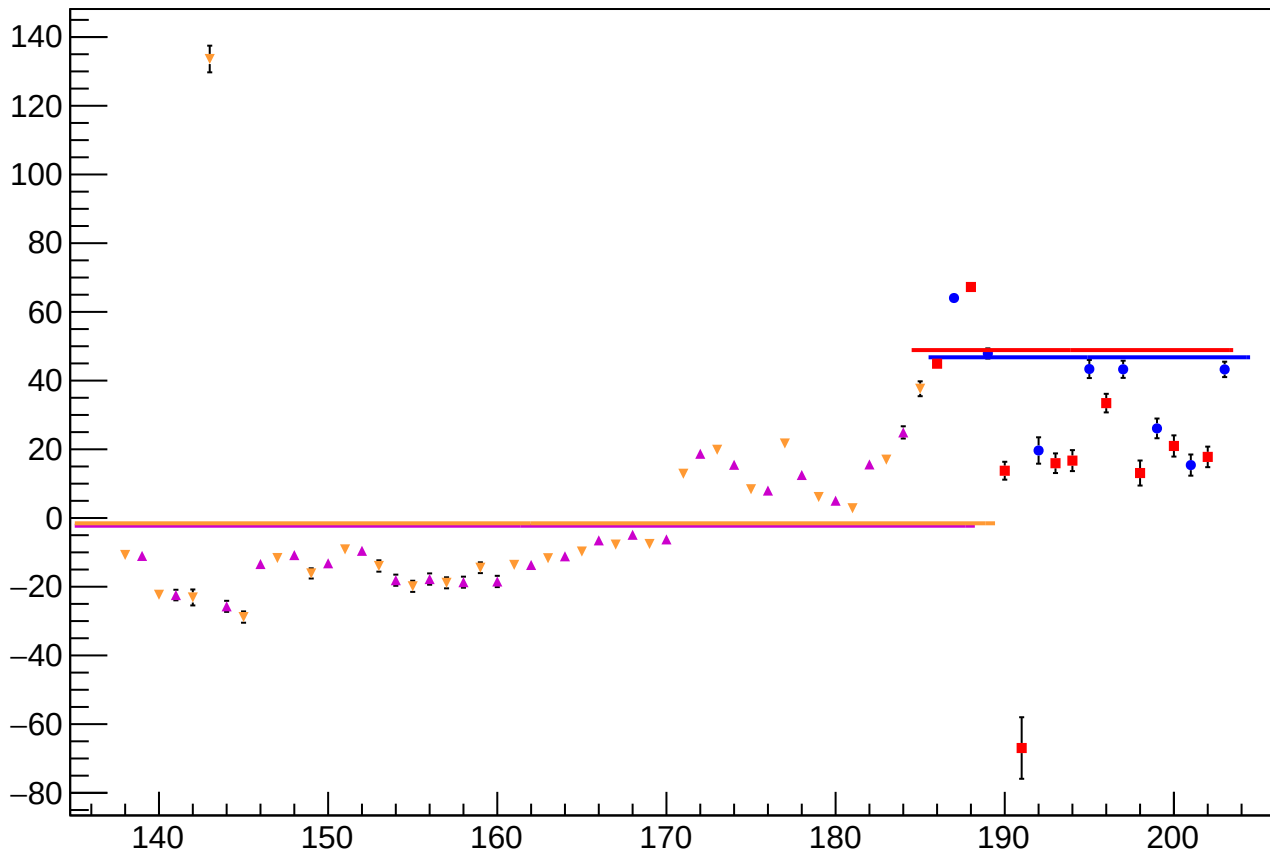
Left In: -142.326+/-0.044 χ^2/NDF : 144642.3/22

+ sign -127.093+/-0.035 χ^2/NDF : 1174431.0/49

All: -126.419+/-0.025 χ^2/NDF : 2410060.8/10

- sign -125.765+/-0.035 χ^2/NDF : 1234906.1/50

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 46.784 $\pm$ 0.751 χ^2 /NDF: 365.7/7

Left Out: -1.540 $\pm$ 0.268 χ^2 /NDF: 4129.1/24

Right Out: 48.882 $\pm$ 0.511 χ^2 /NDF: 1495.1/9

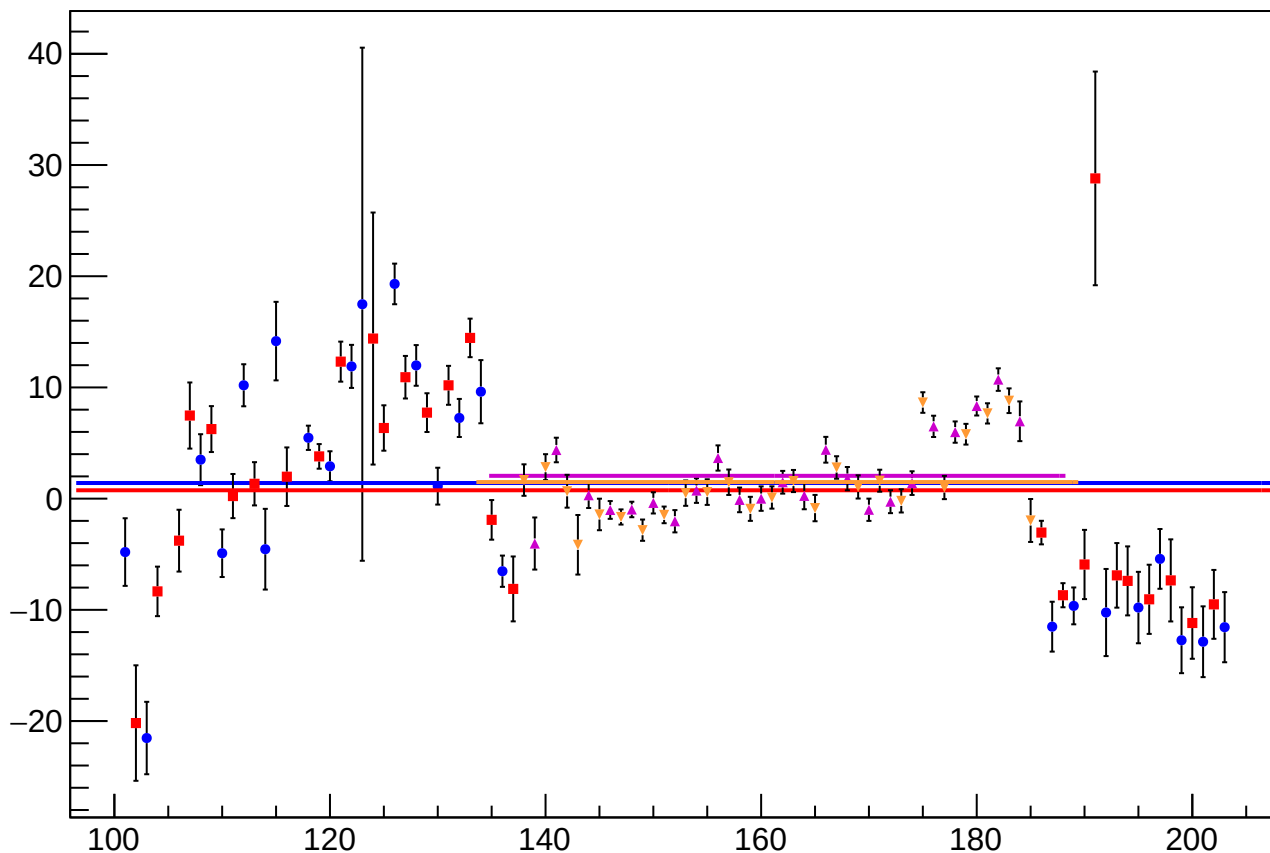
Left In: -2.244 $\pm$ 0.270 χ^2 /NDF: 2561.6/22

+ sign 3.904 $\pm$ 0.252 χ^2 /NDF: 8165.7/32

All: 6.526 $\pm$ 0.173 χ^2 /NDF: 20247.9/65

- sign 8.869 $\pm$ 0.238 χ^2 /NDF: 11877.6/32

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: 0.752 ± 0.381 χ^2/NDF : 408.6/27

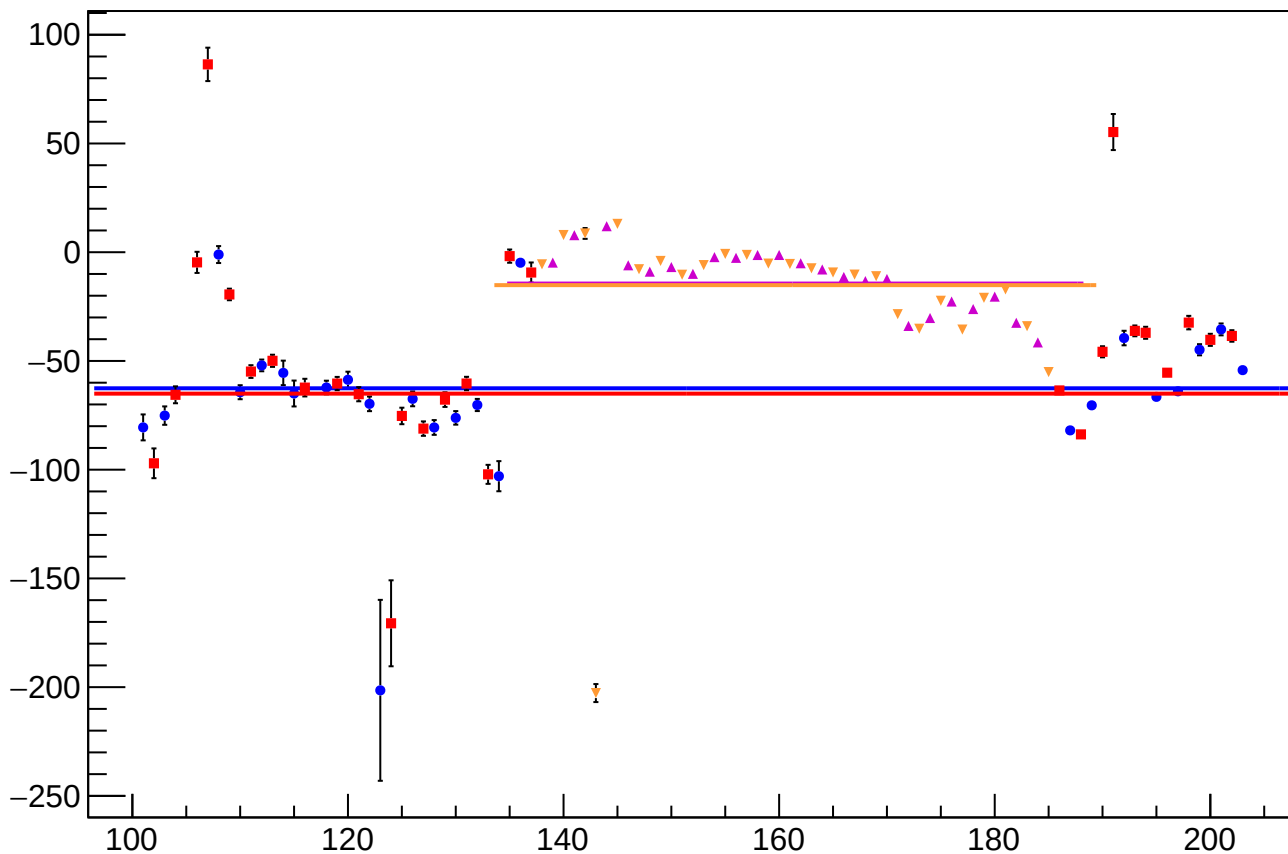
Left In: 2.051 ± 0.215 χ^2/NDF : 275.4/22

+ sign 1.474 ± 0.188 χ^2/NDF : 750.3/49

All: 1.606 ± 0.132 χ^2/NDF : 1444.1/100

- sign 1.737 ± 0.187 χ^2/NDF : 692.8/50

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -62.575 ± 0.515 χ^2/NDF : 1640.0/24

Left Out: -15.140 ± 0.267 χ^2/NDF : 4451.9/24

Right Out: -65.031 ± 0.376 χ^2/NDF : 3336.0/27

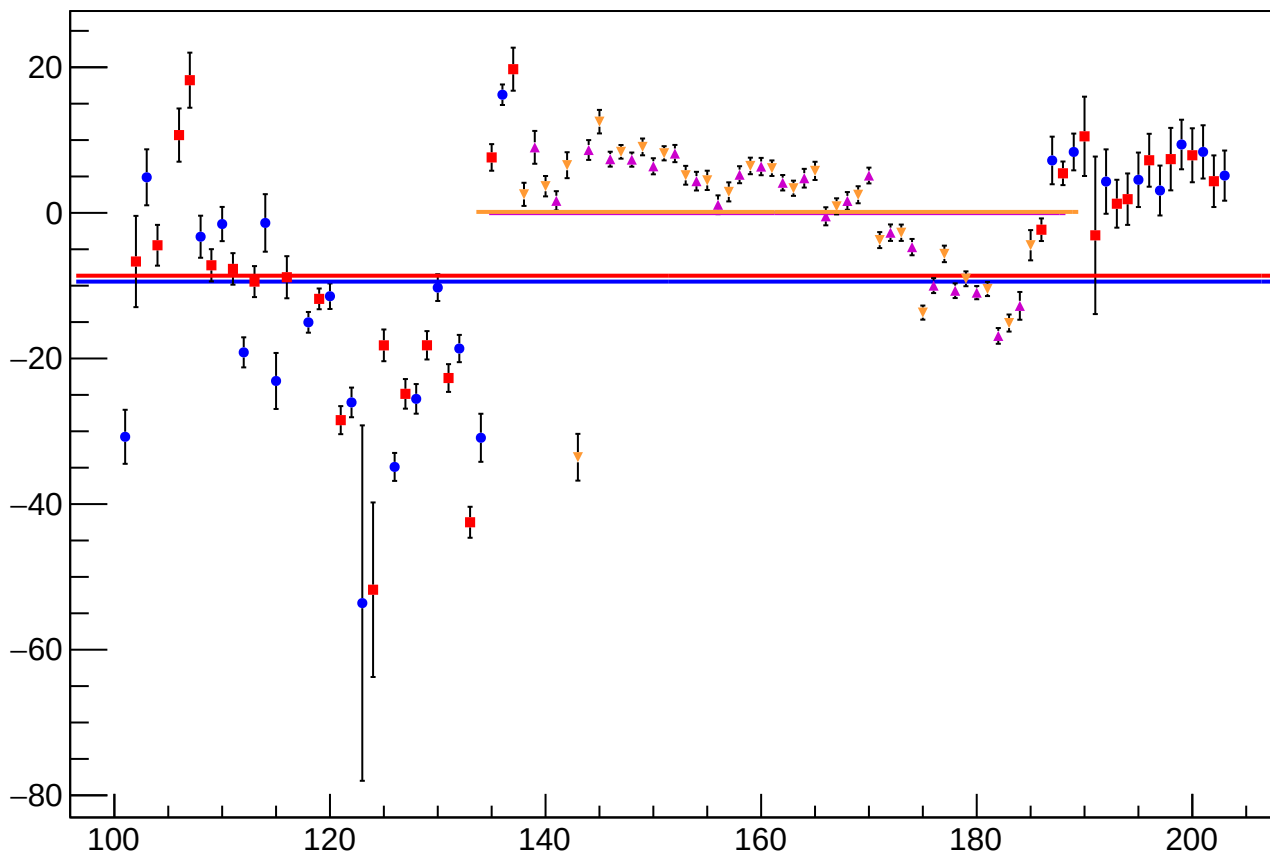
Left In: -14.415 ± 0.268 χ^2/NDF : 2065.7/22

+ sign -25.186 ± 0.237 χ^2/NDF : 12784.0/49

All: -28.575 ± 0.161 χ^2/NDF : 30565.1/100

- sign -31.452 ± 0.218 χ^2/NDF : 17402.9/50

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: -8.628 ± 0.459 χ^2/NDF : 979.8/27

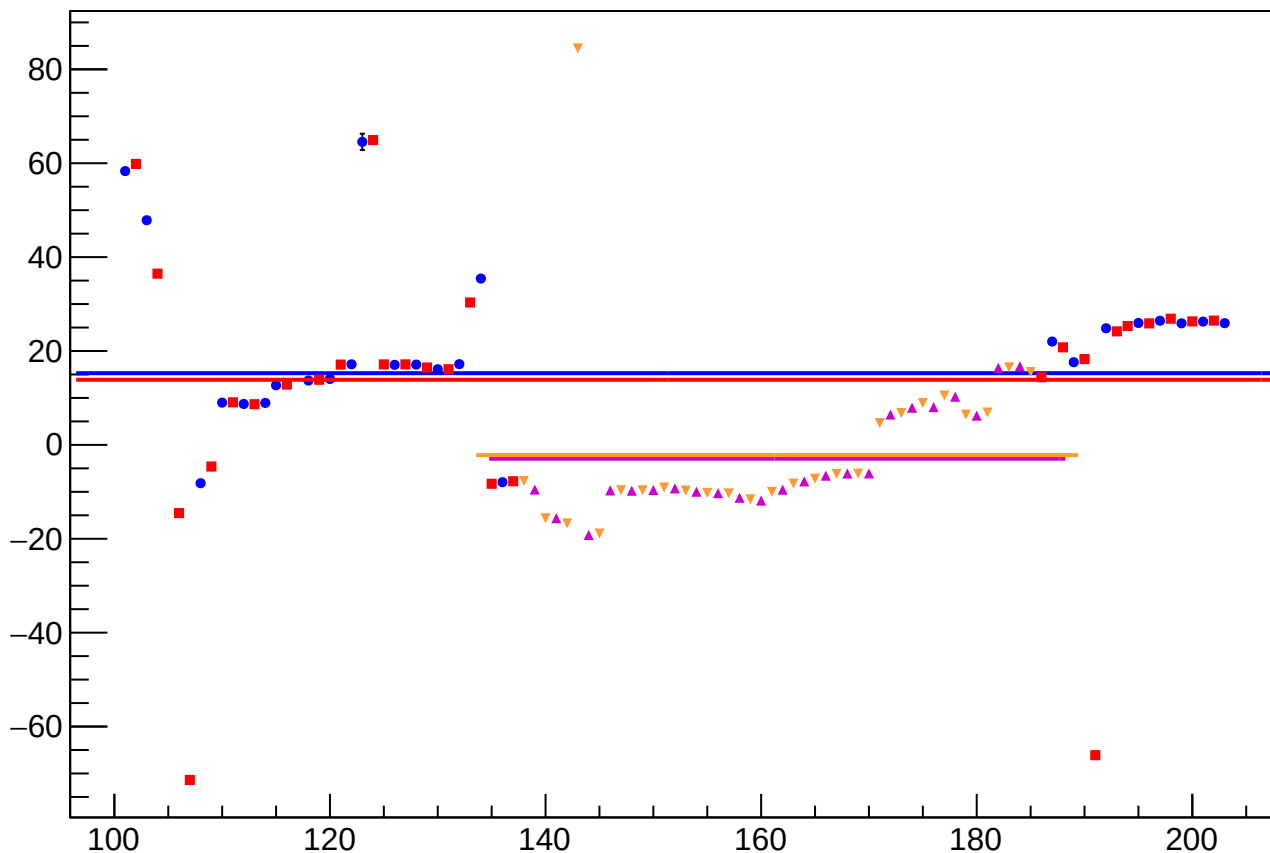
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.733 ± 0.214 χ^2/NDF : 2470.1/49

All: -1.820 ± 0.151 χ^2/NDF : 4751.8/100

- sign -1.908 ± 0.214 χ^2/NDF : 2281.3/50

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: 13.874 $\pm$ 0.024 χ^2/NDF : 732276.6/27

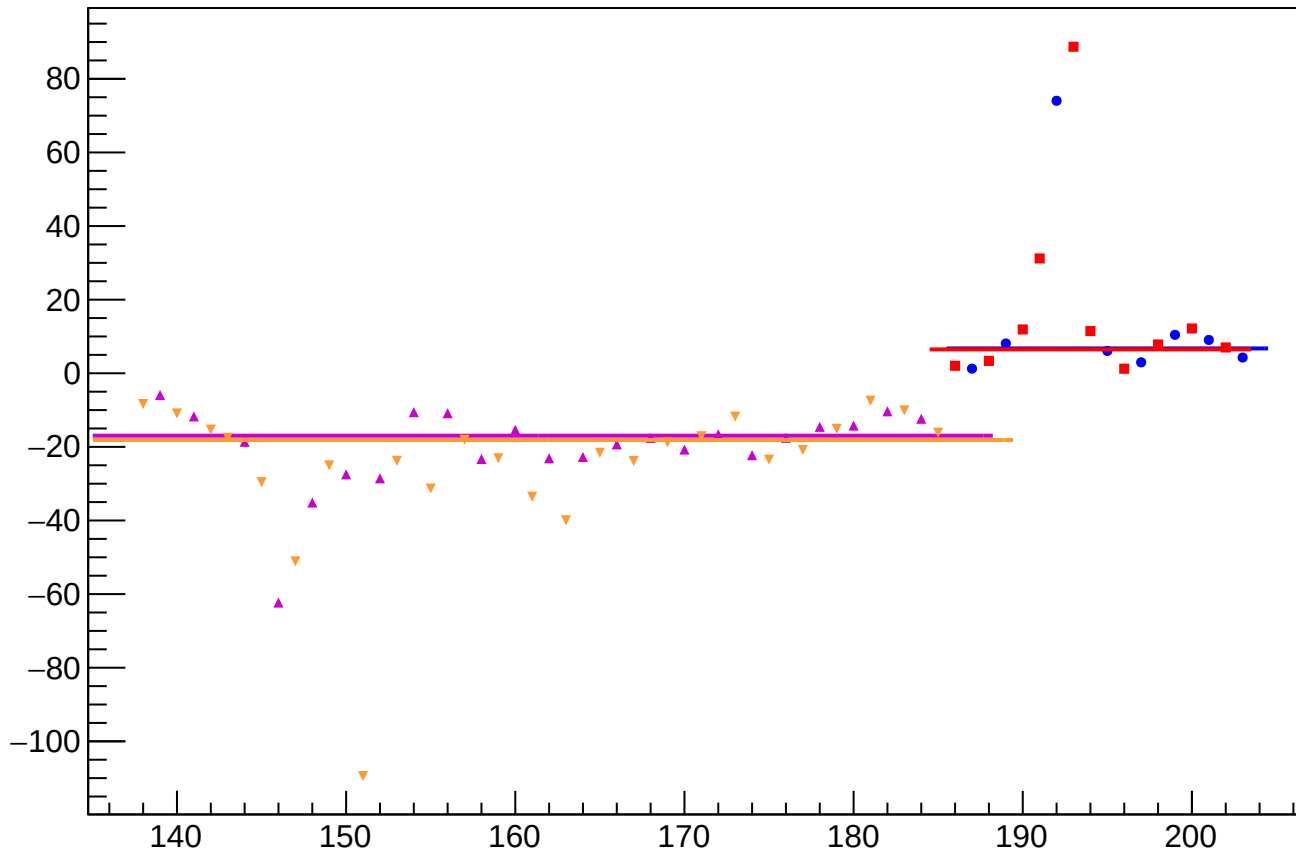
Left In: -2.949 $\pm$ 0.011 χ^2/NDF : 770702.4/22

+ sign 0.675 $\pm$ 0.010 χ^2/NDF : 1925181.9/49

All: 0.358 $\pm$ 0.007 χ^2/NDF : 3850157.2/100

- sign 0.045 $\pm$ 0.010 χ^2/NDF : 1922971.9/50

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 6.746 ± 0.077 $\chi^2/\text{NDF}: 11920.4/7$

Left Out: -18.127 ± 0.039 $\chi^2/\text{NDF}: 88514.4/24$

Right Out: 6.483 ± 0.068 $\chi^2/\text{NDF}: 25544.5/9$

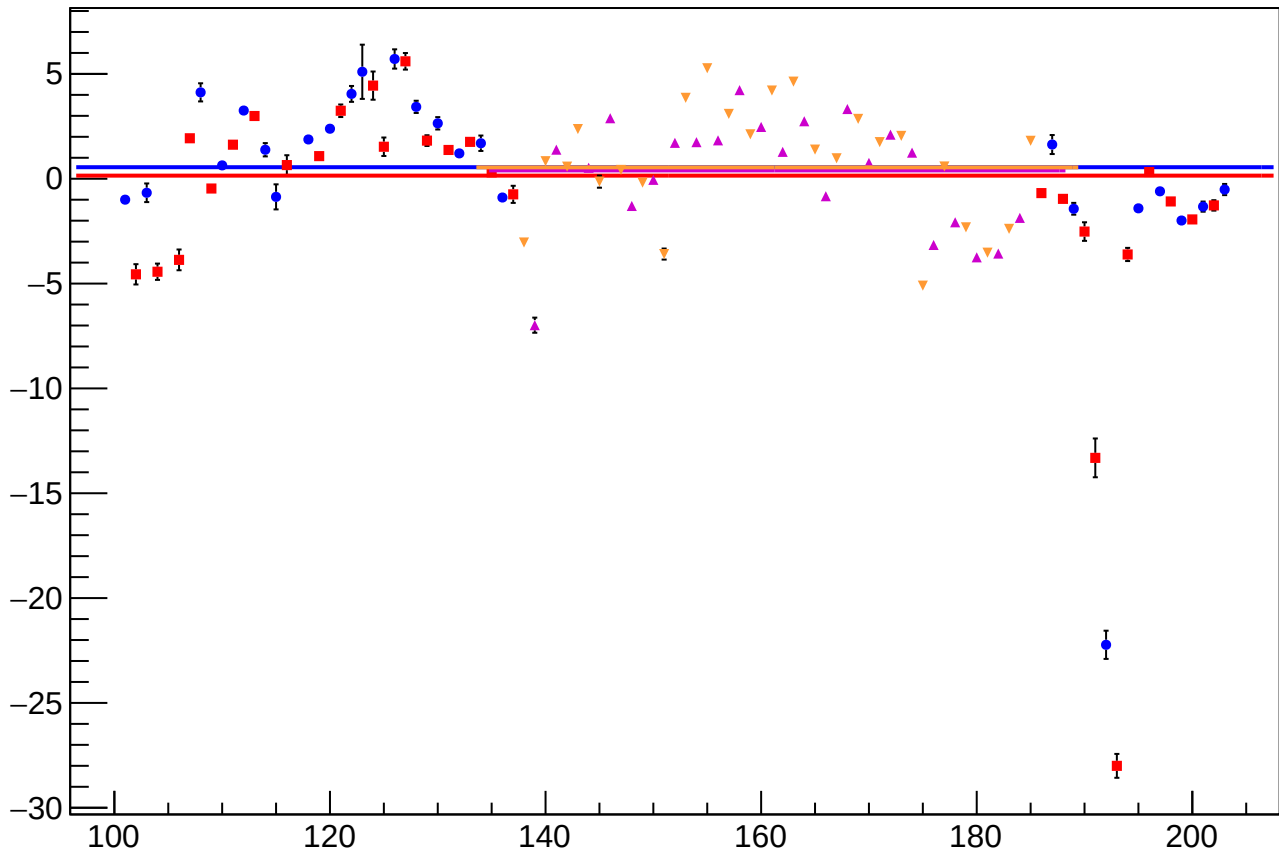
Left In: -16.958 ± 0.038 $\chi^2/\text{NDF}: 44759.9/22$

+ sign -13.065 ± 0.035 $\chi^2/\text{NDF}: 183401.2/32$

All: -12.175 ± 0.024 $\chi^2/\text{NDF}: 345745.8/65$

- sign -11.365 ± 0.033 $\chi^2/\text{NDF}: 161093.0/32$

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: 0.148 ± 0.047 χ^2/NDF : 4250.7/27

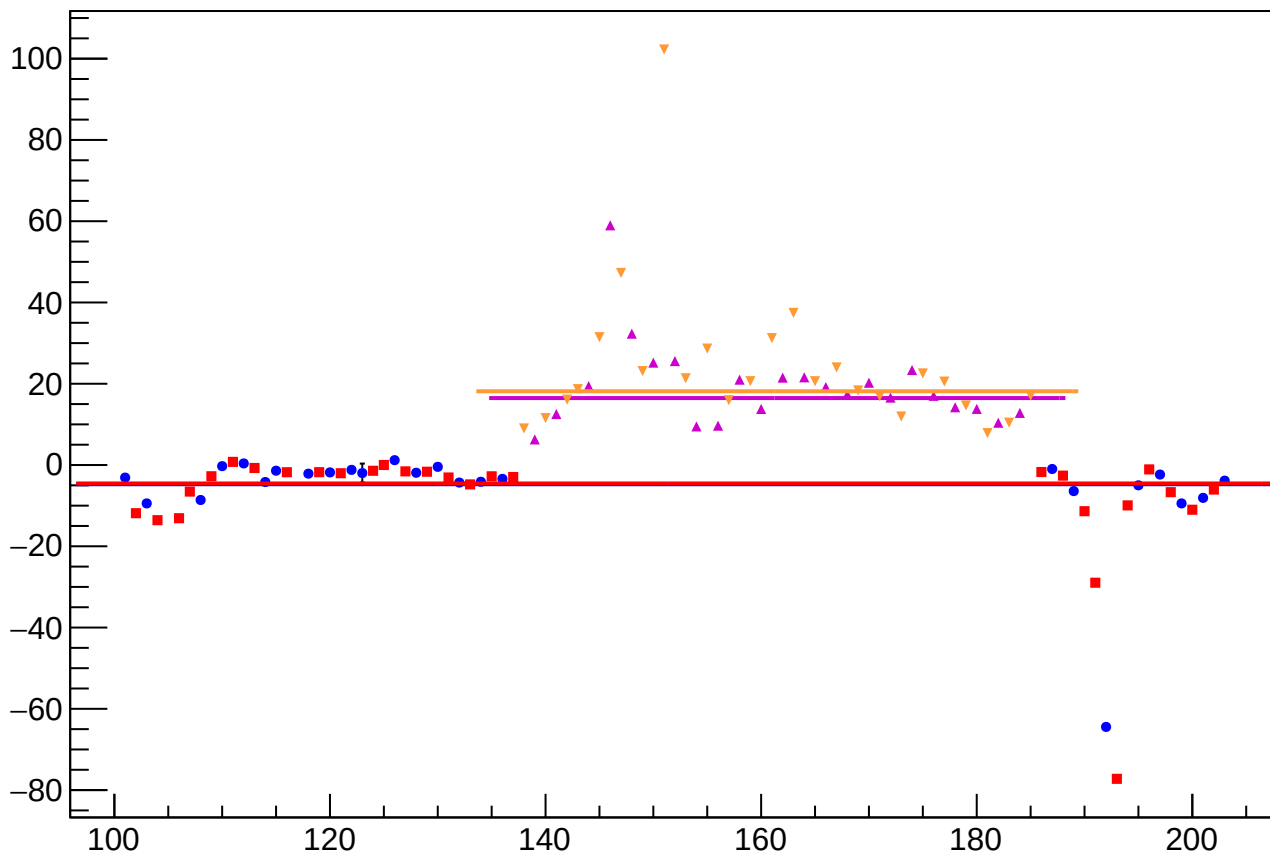
Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

+ sign 0.545 ± 0.027 χ^2/NDF : 9560.3/49

All: 0.429 ± 0.019 χ^2/NDF : 20151.5/100

- sign 0.325 ± 0.026 χ^2/NDF : 10556.6/50

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: -4.542 ± 0.049 $\chi^2/\text{NDF}: 27585.5/27$

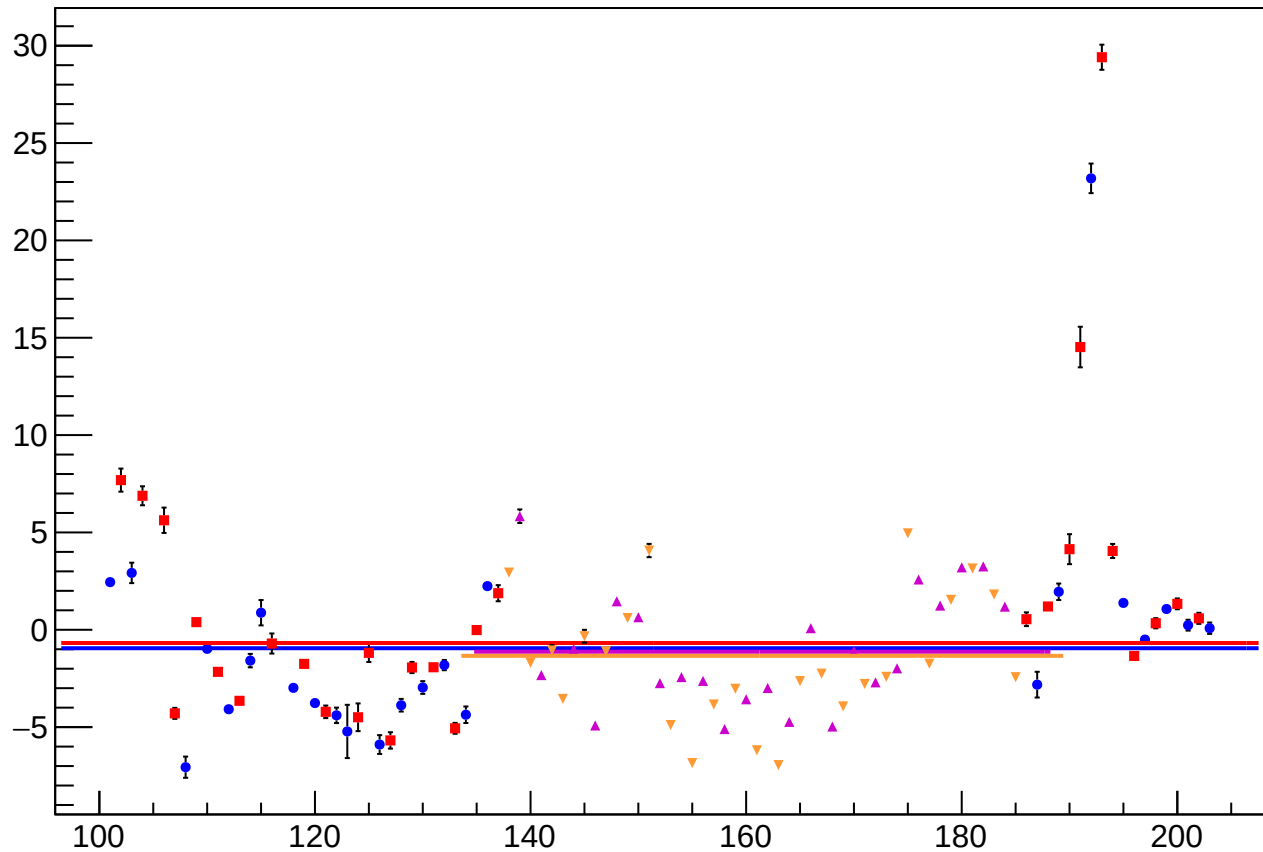
Left In: 16.477 ± 0.038 $\chi^2/\text{NDF}: 41326.5/22$

+ sign 10.878 ± 0.032 $\chi^2/\text{NDF}: 199711.8/49$

All: 9.725 ± 0.022 $\chi^2/\text{NDF}: 385896.8/100$

- sign 8.738 ± 0.030 $\chi^2/\text{NDF}: 183824.3/50$

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: -0.680 ± 0.055 χ^2/NDF : 4455.0/27

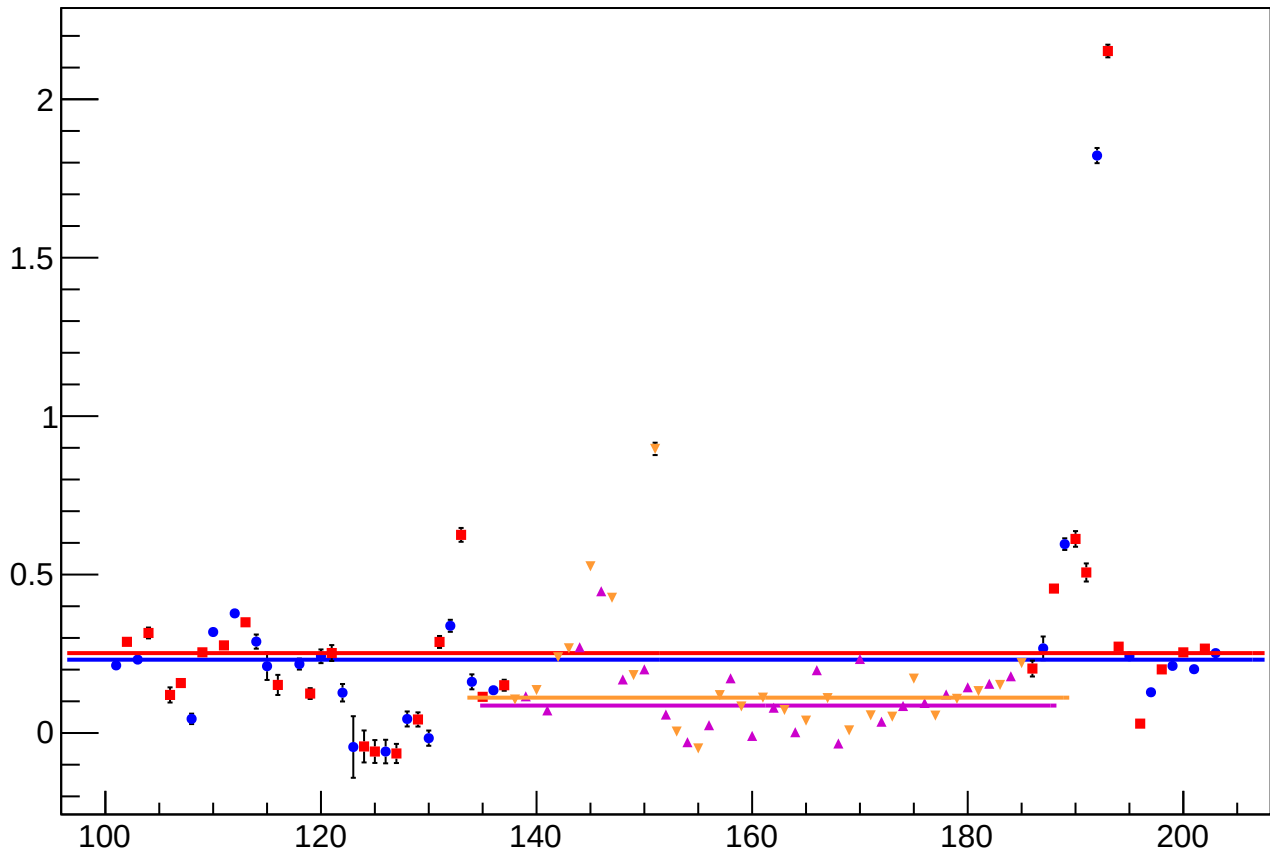
Left In: -1.129 ± 0.034 χ^2/NDF : 6778.7/22

+ sign -1.231 ± 0.031 χ^2/NDF : 10687.4/49

All: -1.112 ± 0.021 χ^2/NDF : 21997.4/100

- sign -1.005 ± 0.029 χ^2/NDF : 11281.3/50

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: 0.252 ± 0.003 $\chi^2/\text{NDF}: 11641.8/27$

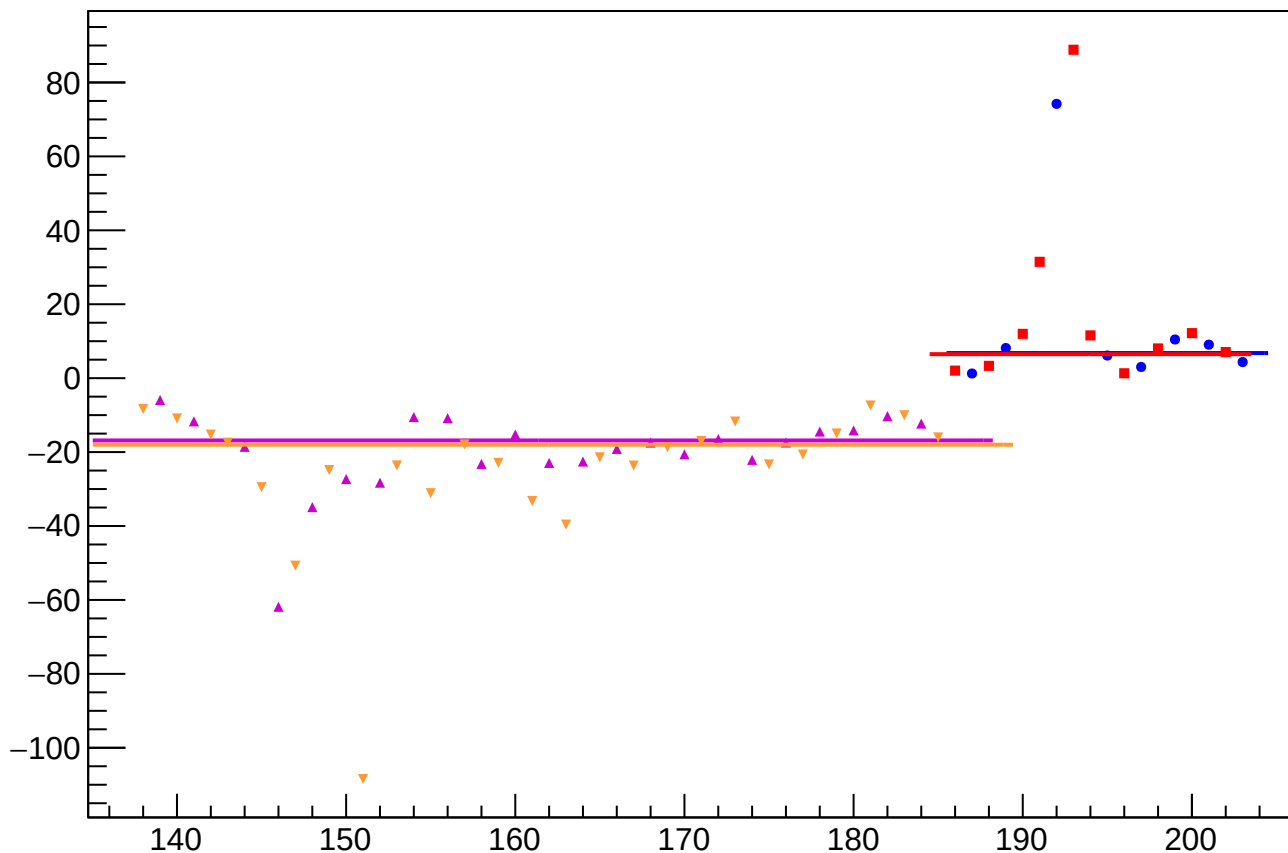
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3661.4/22$

+ sign 0.144 ± 0.001 $\chi^2/\text{NDF}: 11712.1/49$

All: 0.137 ± 0.001 $\chi^2/\text{NDF}: 30292.0/100$

- sign 0.130 ± 0.001 $\chi^2/\text{NDF}: 18524.1/50$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 6.792 ± 0.077 $\chi^2/\text{NDF}: 12042.5/7$

Left Out: -18.004 ± 0.039 $\chi^2/\text{NDF}: 88352.2/24$

Right Out: 6.493 ± 0.067 $\chi^2/\text{NDF}: 25898.9/9$

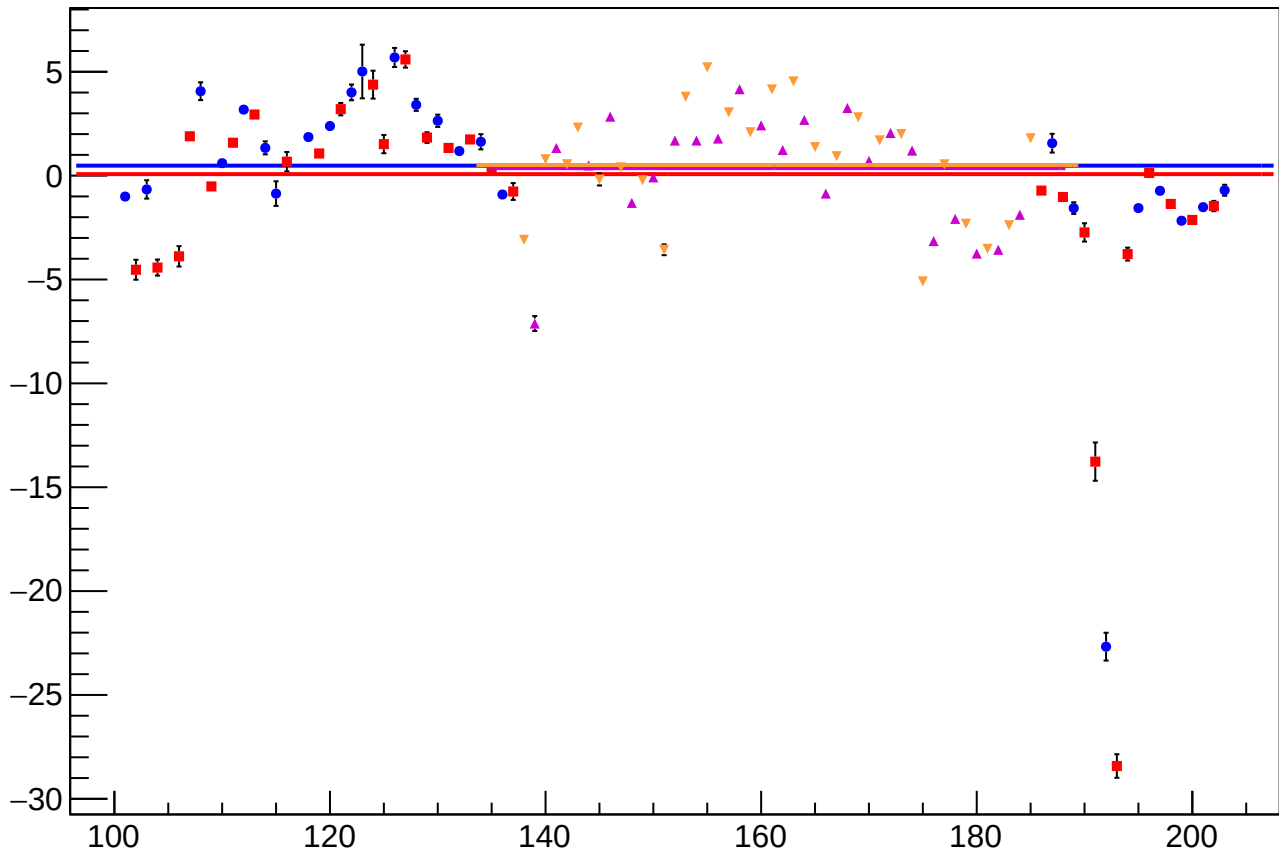
Left In: -16.854 ± 0.038 $\chi^2/\text{NDF}: 44680.7/22$

+ sign -12.975 ± 0.035 $\chi^2/\text{NDF}: 183730.0/32$

All: -12.082 ± 0.024 $\chi^2/\text{NDF}: 347067.5/65$

- sign -11.270 ± 0.033 $\chi^2/\text{NDF}: 162061.7/32$

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: 0.073 ± 0.047 χ^2/NDF : 4418.8/27

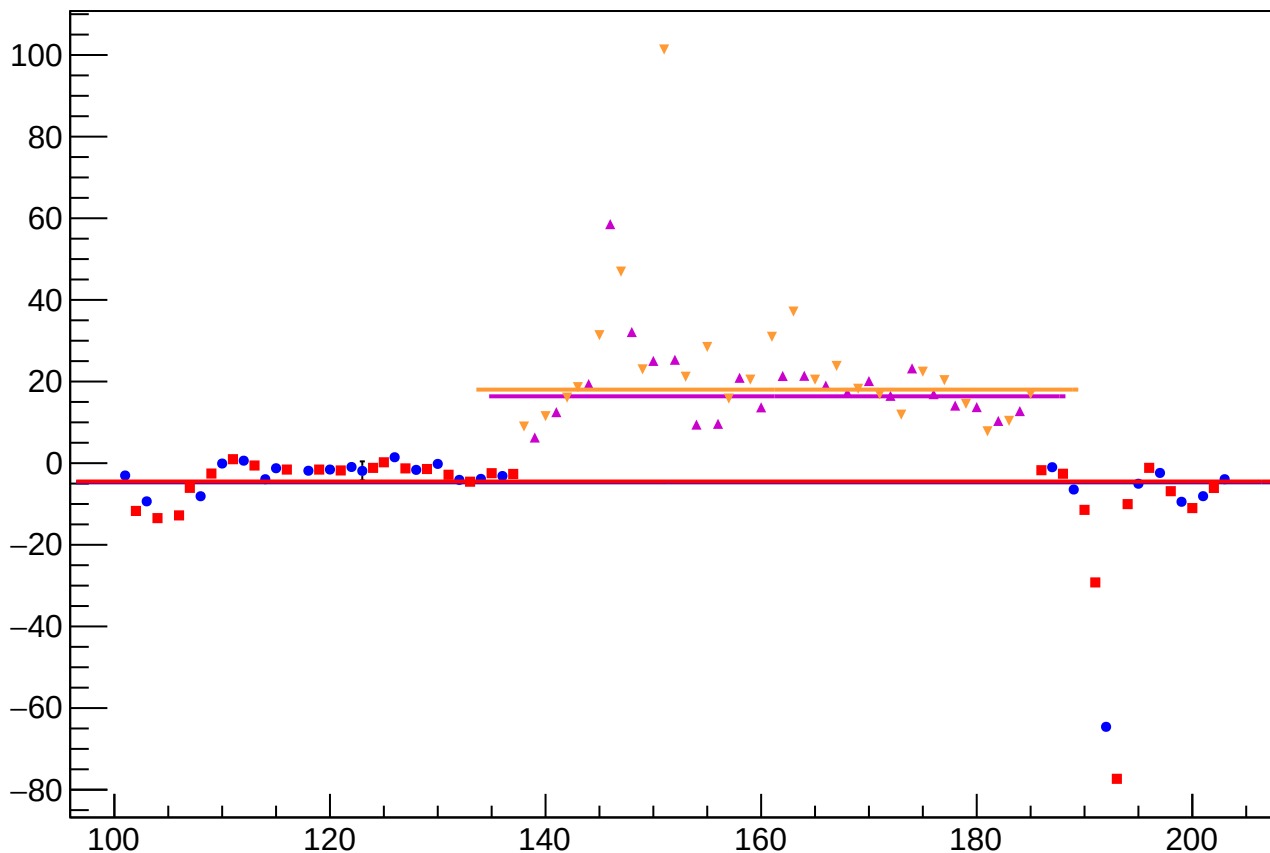
Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

+ sign 0.502 ± 0.027 χ^2/NDF : 9660.5/49

All: 0.383 ± 0.019 χ^2/NDF : 20416.1/100

- sign 0.276 ± 0.026 χ^2/NDF : 10718.6/50

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: -4.492 ± 0.049 $\chi^2/\text{NDF}: 28058.3/27$

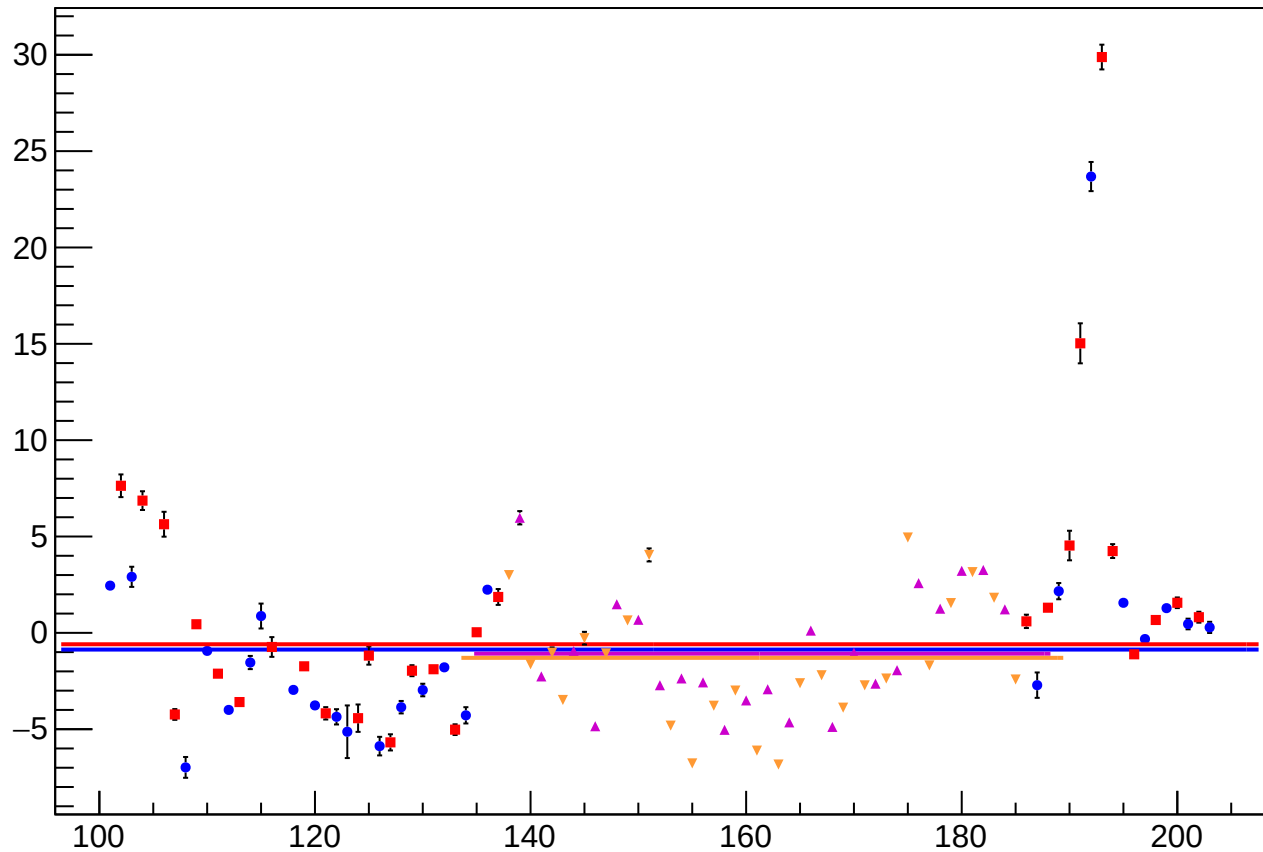
Left In: 16.377 ± 0.037 $\chi^2/\text{NDF}: 41253.5/22$

+ sign 10.826 ± 0.032 $\chi^2/\text{NDF}: 199537.5/49$

All: 9.670 ± 0.022 $\chi^2/\text{NDF}: 386204.1/100$

- sign 8.683 ± 0.030 $\chi^2/\text{NDF}: 184266.8/50$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -0.868 ± 0.058 χ^2/NDF : 2826.9/24

Left Out: -1.297 ± 0.036 χ^2/NDF : 7903.2/24

Right Out: -0.592 ± 0.055 χ^2/NDF : 4611.8/27

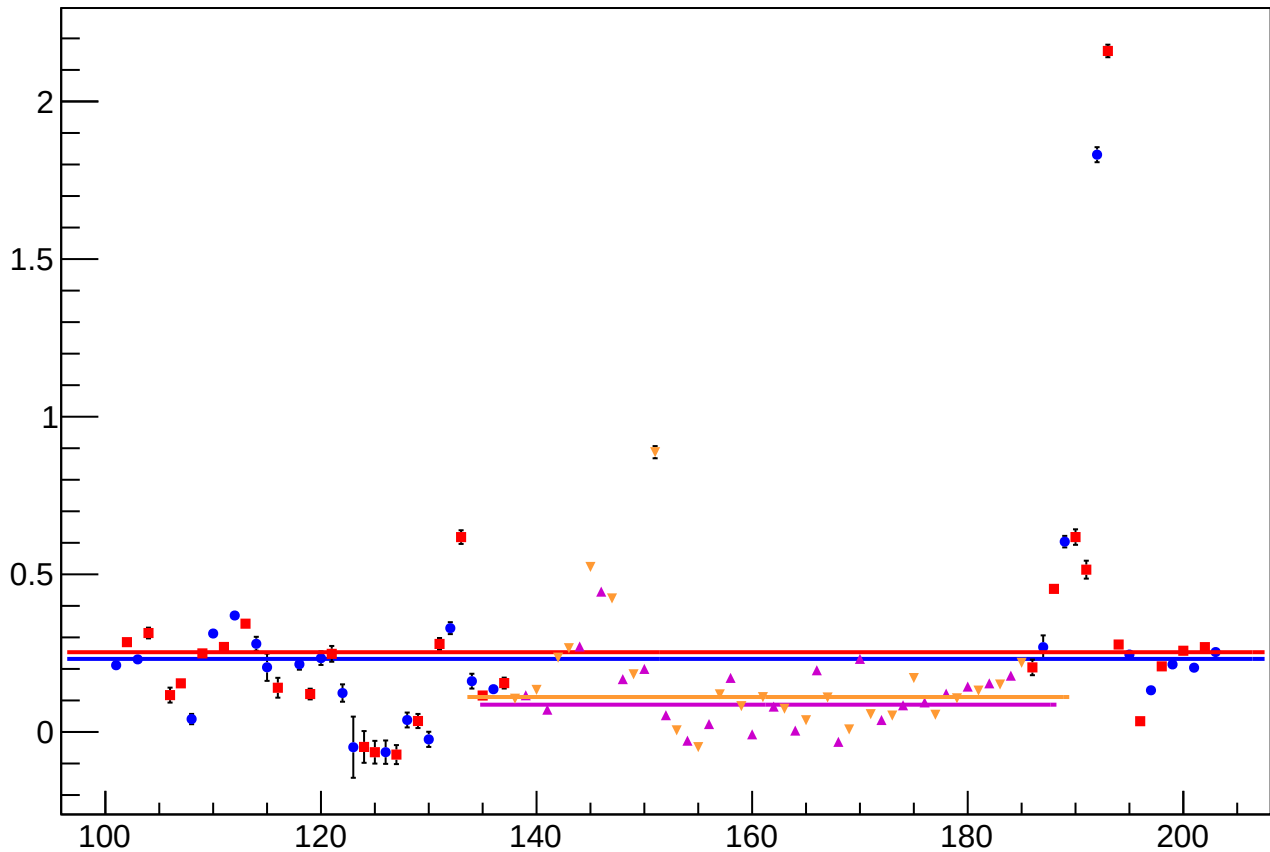
Left In: -1.081 ± 0.034 χ^2/NDF : 6764.0/22

+ sign -1.180 ± 0.030 χ^2/NDF : 10769.4/49

All: -1.057 ± 0.021 χ^2/NDF : 22233.3/100

- sign -0.947 ± 0.029 χ^2/NDF : 11432.9/50

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 $\chi^2/\text{NDF}: 11779.4/27$

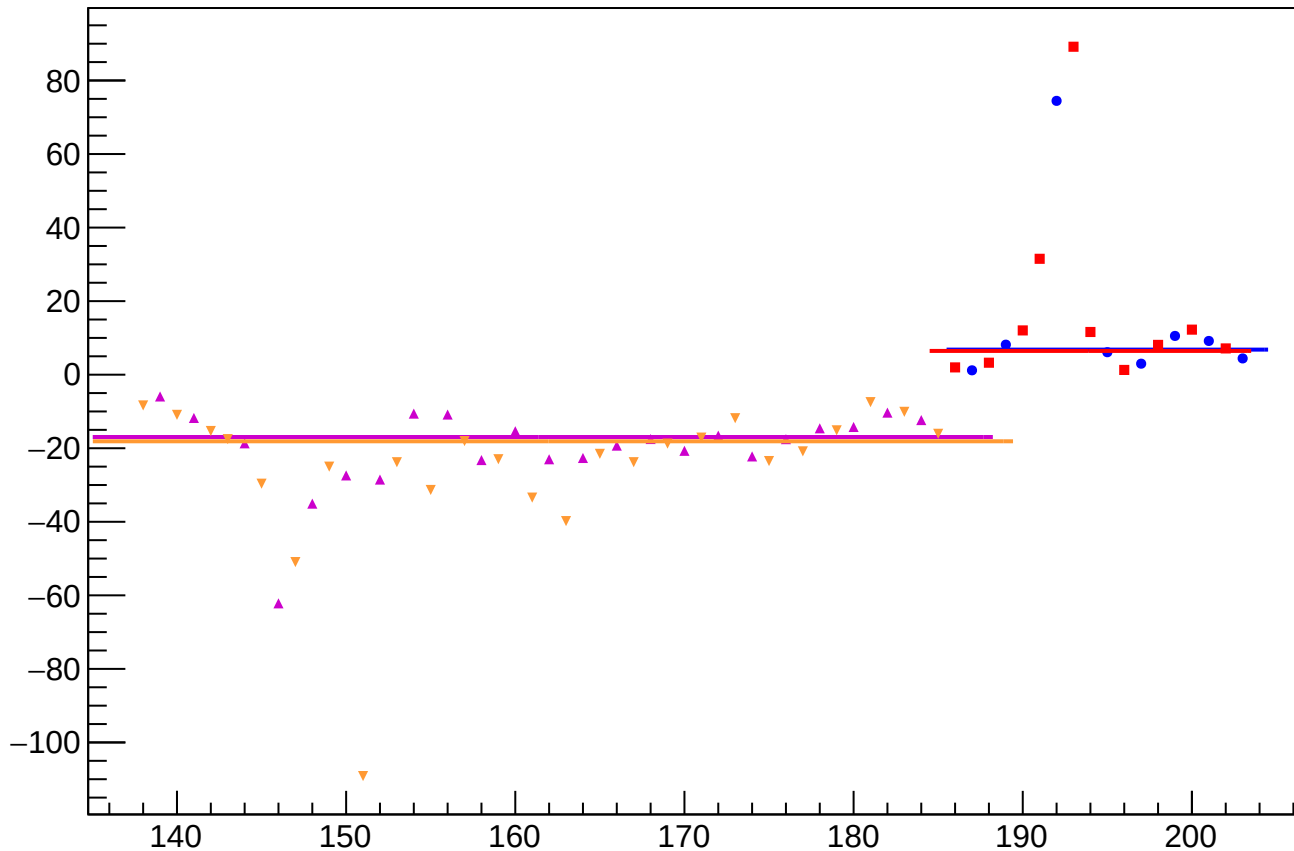
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3631.4/22$

+ sign 0.144 ± 0.001 $\chi^2/\text{NDF}: 11837.7/49$

All: 0.137 ± 0.001 $\chi^2/\text{NDF}: 30591.9/100$

- sign 0.130 ± 0.001 $\chi^2/\text{NDF}: 18702.6/50$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 6.818 ± 0.077 χ^2/NDF : 12059.6/7

Left Out: -18.112 ± 0.039 χ^2/NDF : 88488.2/24

Right Out: 6.462 ± 0.067 χ^2/NDF : 25942.7/9

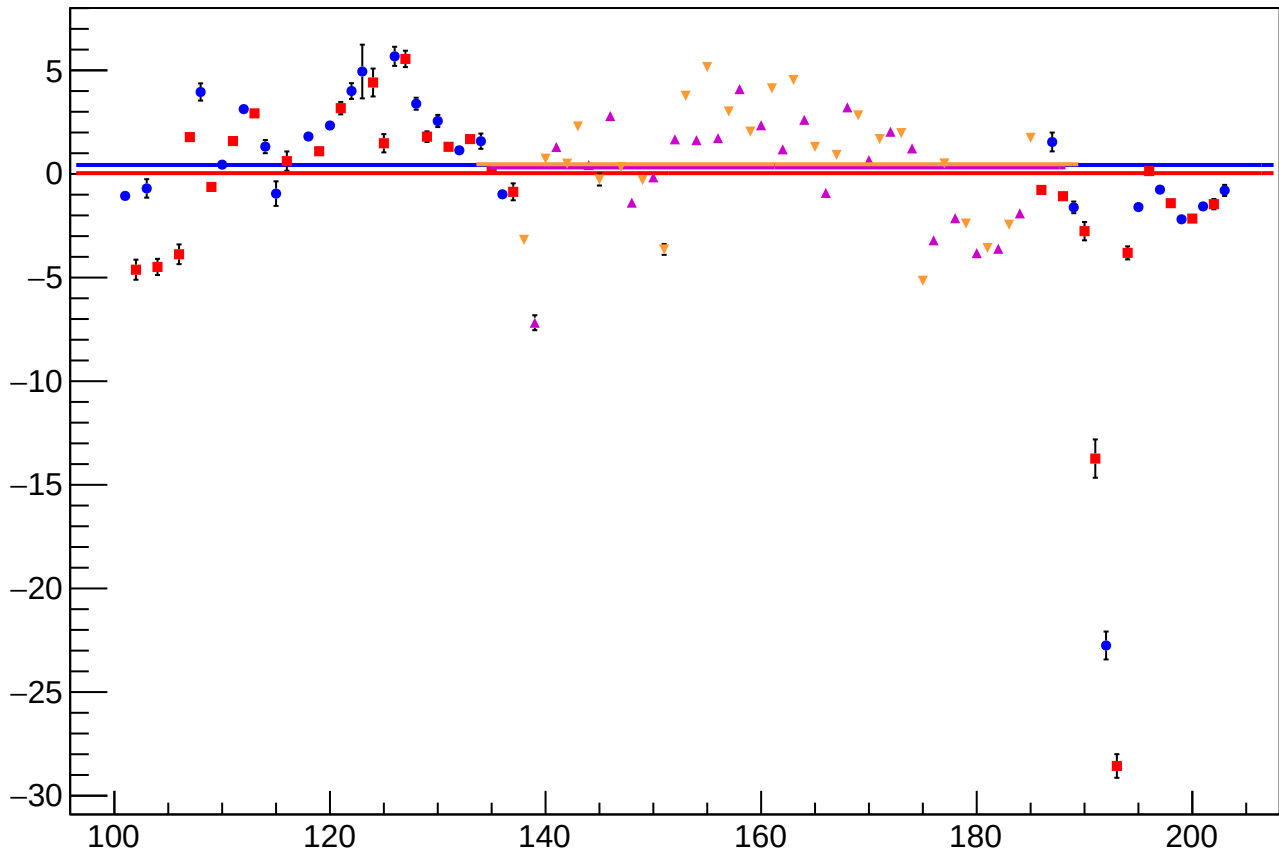
Left In: -16.945 ± 0.038 χ^2/NDF : 44756.2/22

+ sign -13.079 ± 0.035 χ^2/NDF : 183687.3/32

All: -12.163 ± 0.024 χ^2/NDF : 347181.8/65

- sign -11.333 ± 0.033 χ^2/NDF : 162166.9/32

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: 0.038 ± 0.047 χ^2/NDF : 4413.1/27

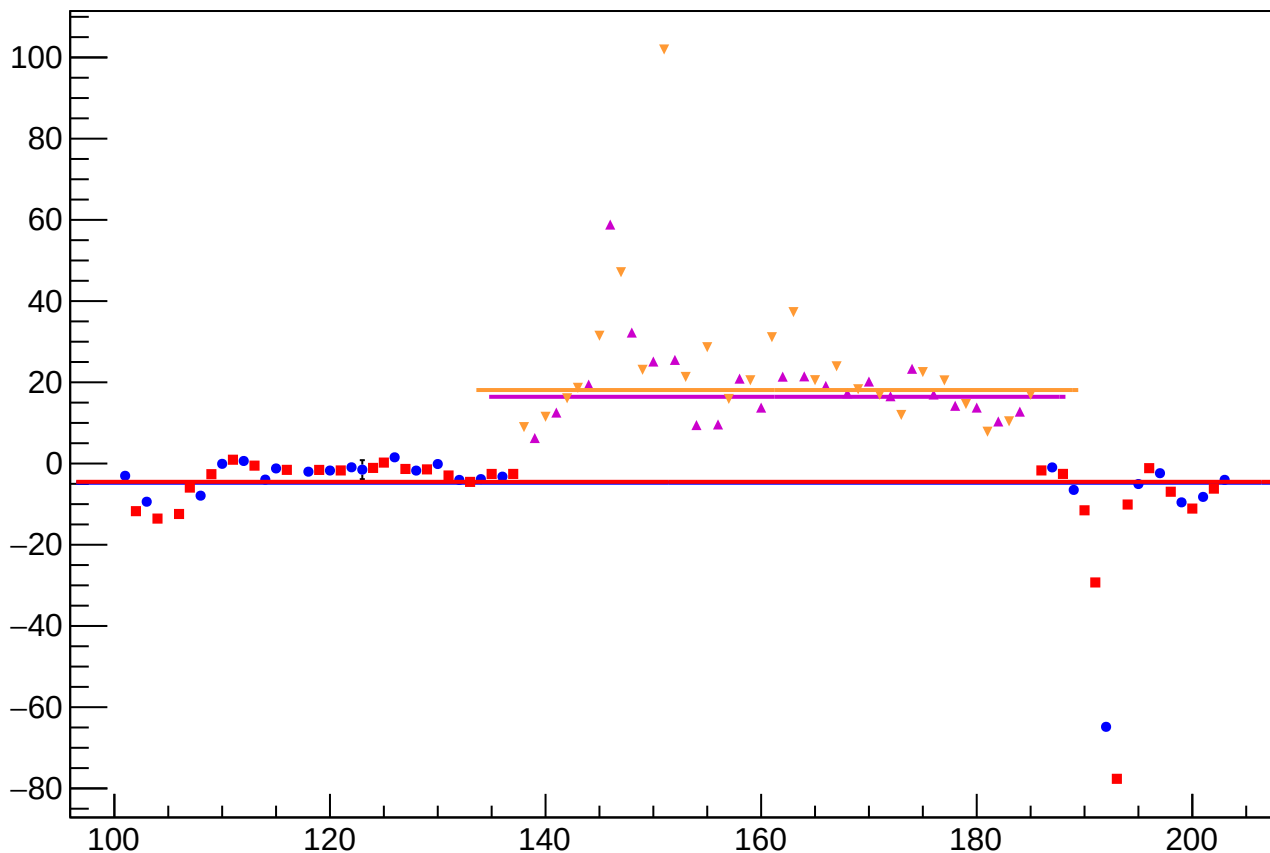
Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

+ sign 0.458 ± 0.027 χ^2/NDF : 9667.0/49

All: 0.338 ± 0.019 χ^2/NDF : 20375.6/100

- sign 0.232 ± 0.026 χ^2/NDF : 10671.9/50

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -4.730 ± 0.057 $\chi^2/\text{NDF}: 13604.4/24$

Left Out: 18.098 ± 0.039 $\chi^2/\text{NDF}: 77793.7/24$

Right Out: -4.502 ± 0.049 $\chi^2/\text{NDF}: 28078.6/27$

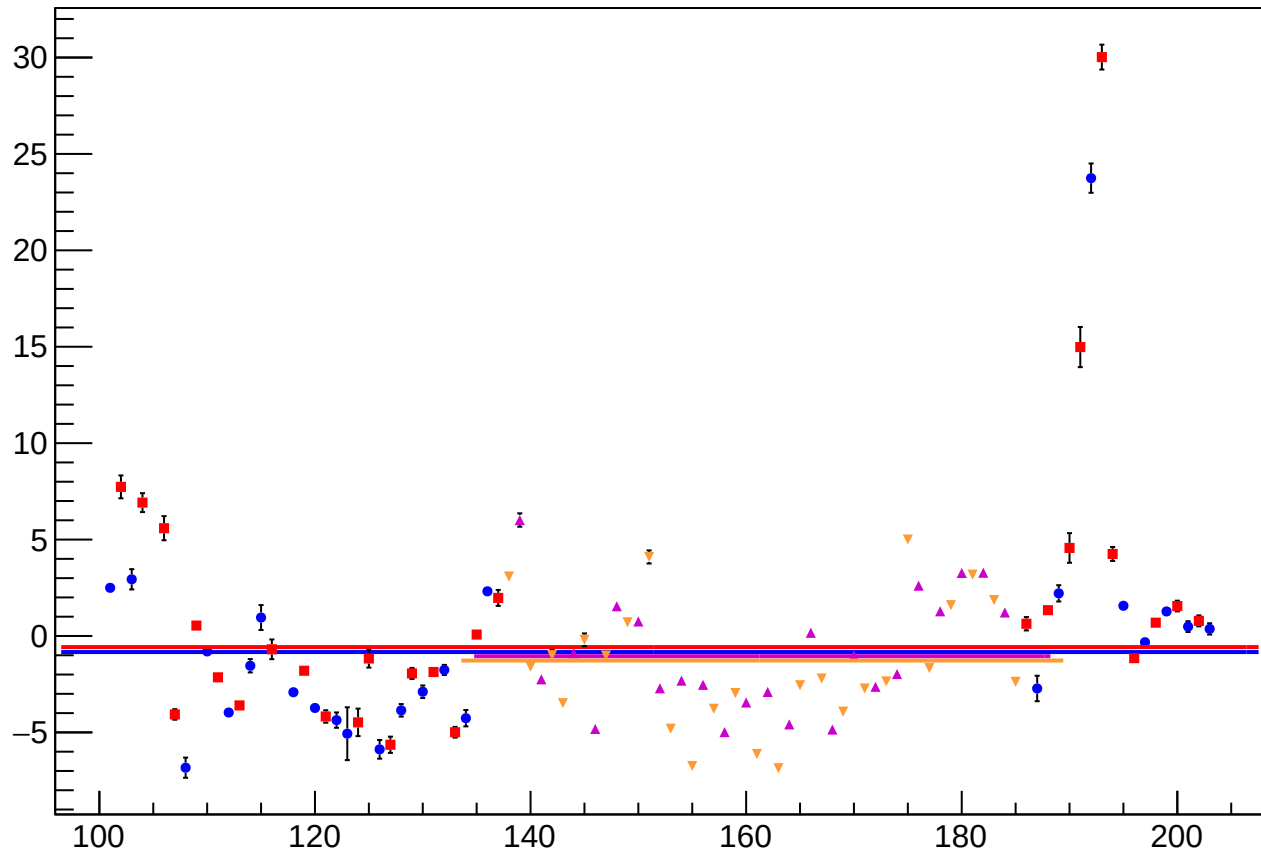
Left In: 16.431 ± 0.038 $\chi^2/\text{NDF}: 41337.1/22$

+ sign 10.887 ± 0.032 $\chi^2/\text{NDF}: 199478.9/49$

All: 9.707 ± 0.022 $\chi^2/\text{NDF}: 386302.3/100$

- sign 8.702 ± 0.030 $\chi^2/\text{NDF}: 184349.6/50$

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: -0.577 ± 0.055 χ^2/NDF : 4610.7/27

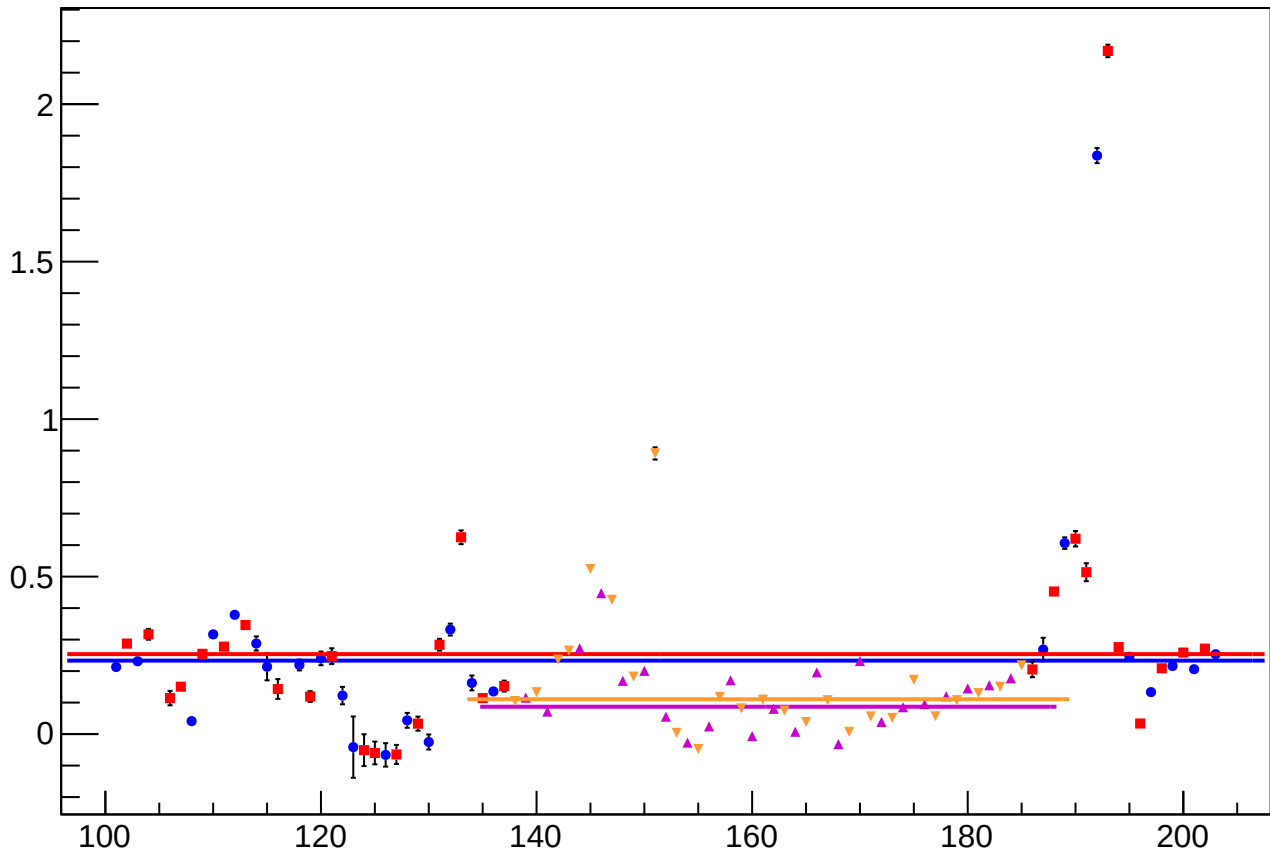
Left In: -1.050 ± 0.034 χ^2/NDF : 6713.0/22

+ sign -1.154 ± 0.031 χ^2/NDF : 10787.5/49

All: -1.031 ± 0.021 χ^2/NDF : 22195.0/100

- sign -0.921 ± 0.029 χ^2/NDF : 11376.9/50

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 $\pm$ 0.003 χ^2 /NDF: 11795.2/27

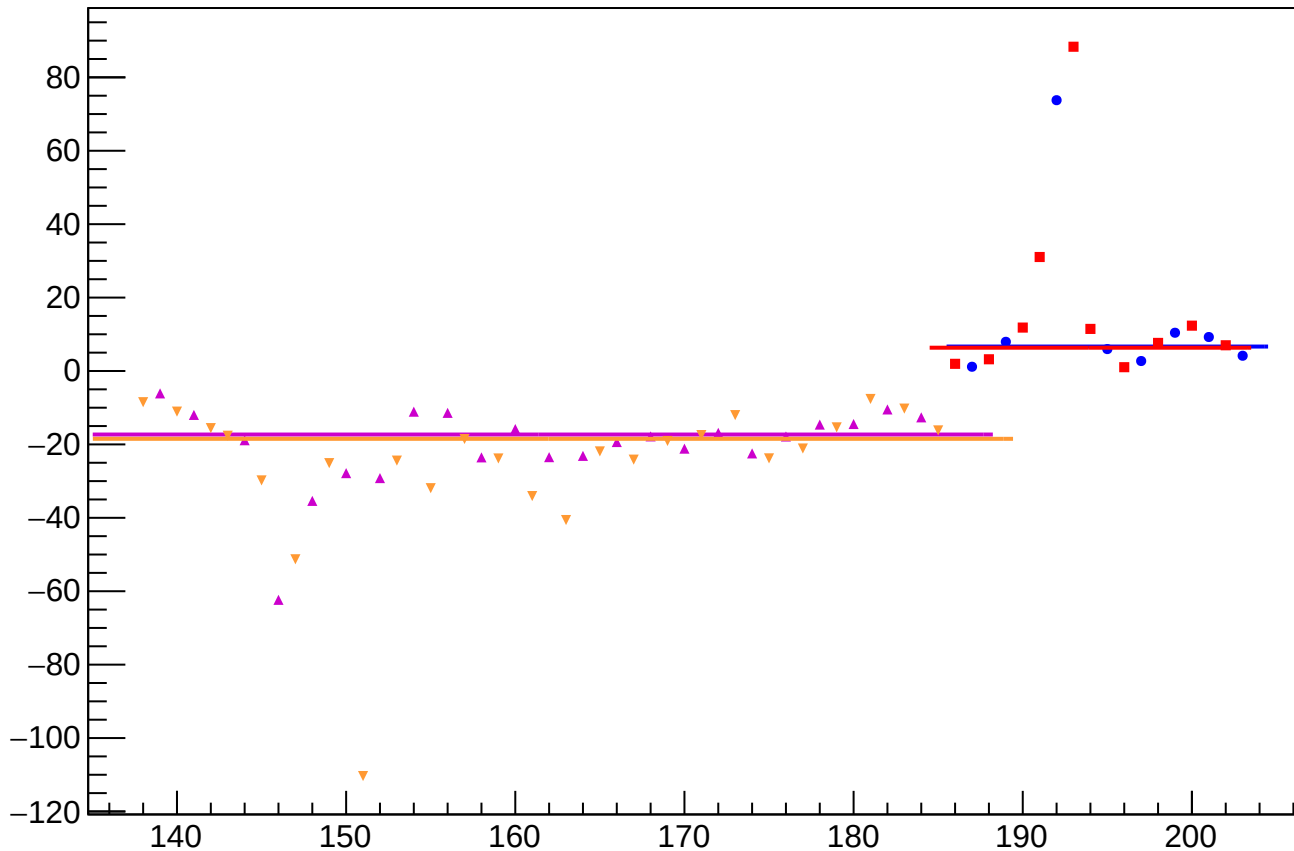
Left In: 0.087 $\pm$ 0.001 χ^2 /NDF:3604.3/22

+ sign 0.144 $\pm$ 0.001 χ^2 /NDF: 11854.7/49

All: 0.137 $\pm$ 0.001 χ^2 /NDF: 30588.8/100

- sign 0.131 $\pm$ 0.001 χ^2 /NDF: 18684.9/50

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: 6.346 ± 0.068 $\chi^2/\text{NDF}: 25473.7/9$

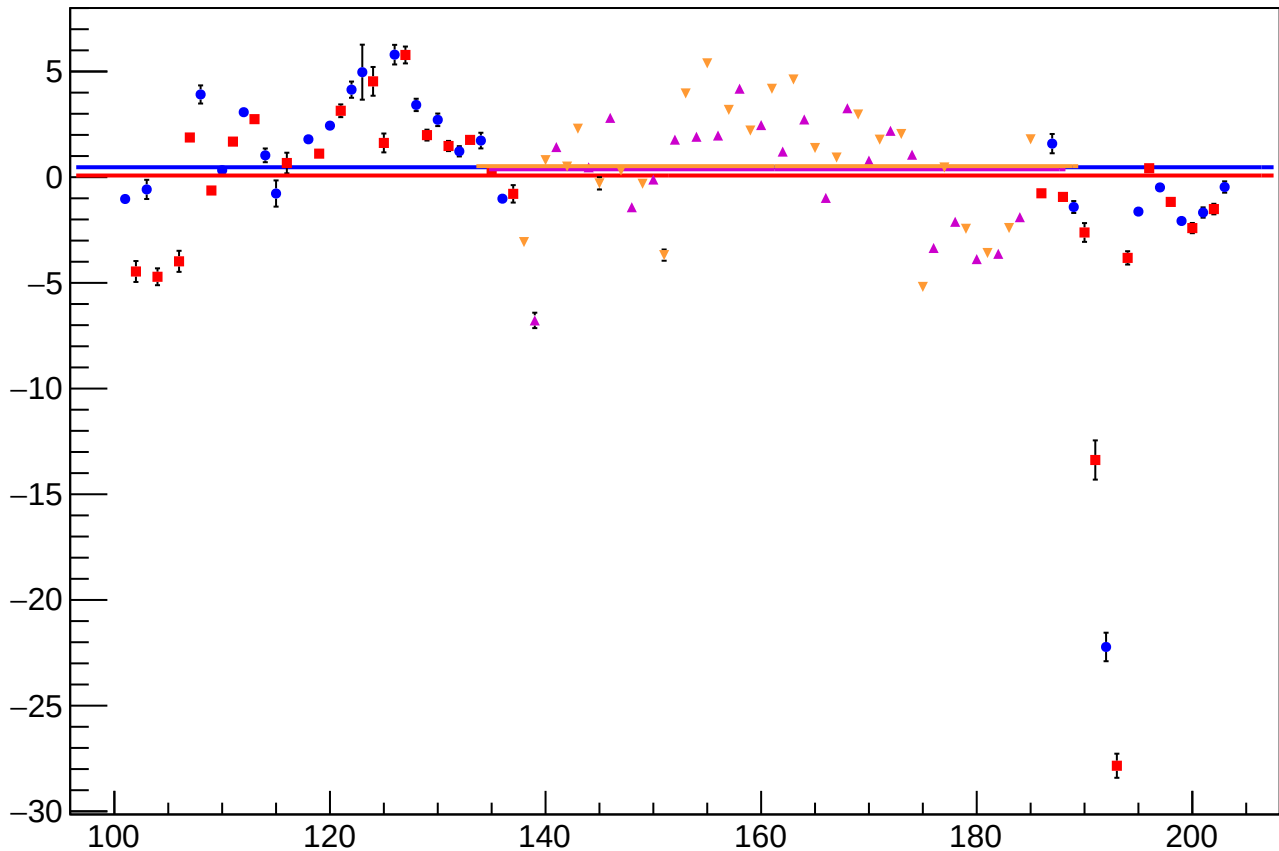
Left In: -17.309 ± 0.039 $\chi^2/\text{NDF}: 43807.0/22$

+ sign -13.258 ± 0.035 $\chi^2/\text{NDF}: 182800.8/32$

All: -12.317 ± 0.024 $\chi^2/\text{NDF}: 345269.3/65$

- sign -11.465 ± 0.034 $\chi^2/\text{NDF}: 161120.8/32$

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: 0.079 ± 0.048 χ^2/NDF : 4259.6/27

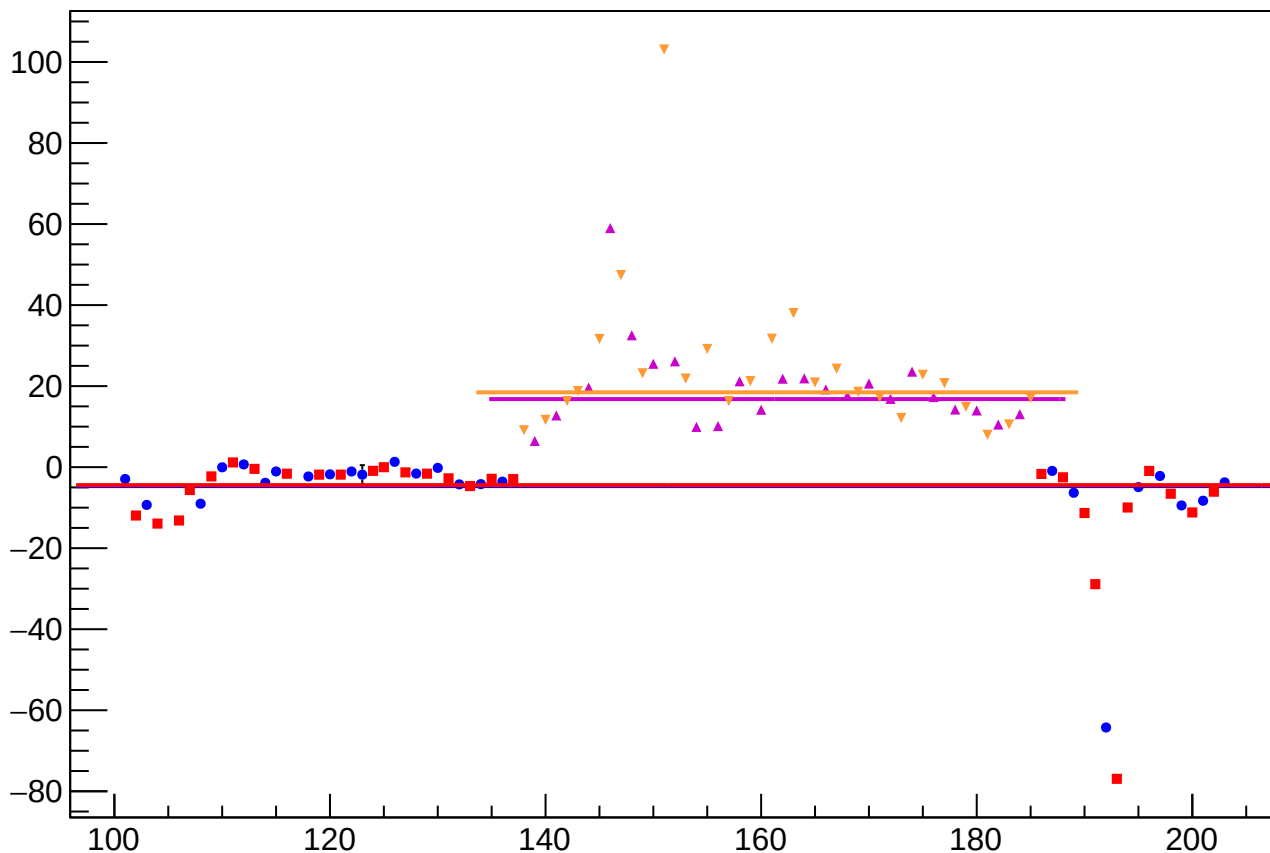
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.507 ± 0.028 χ^2/NDF : 9522.8/49

All: 0.390 ± 0.019 χ^2/NDF : 20106.2/100

- sign 0.285 ± 0.026 χ^2/NDF : 10549.9/50

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -4.676 ± 0.058 χ^2/NDF : 13322.8/24

Left Out: 18.463 ± 0.040 χ^2/NDF : 77193.5/24

Right Out: -4.434 ± 0.049 χ^2/NDF : 27576.1/27

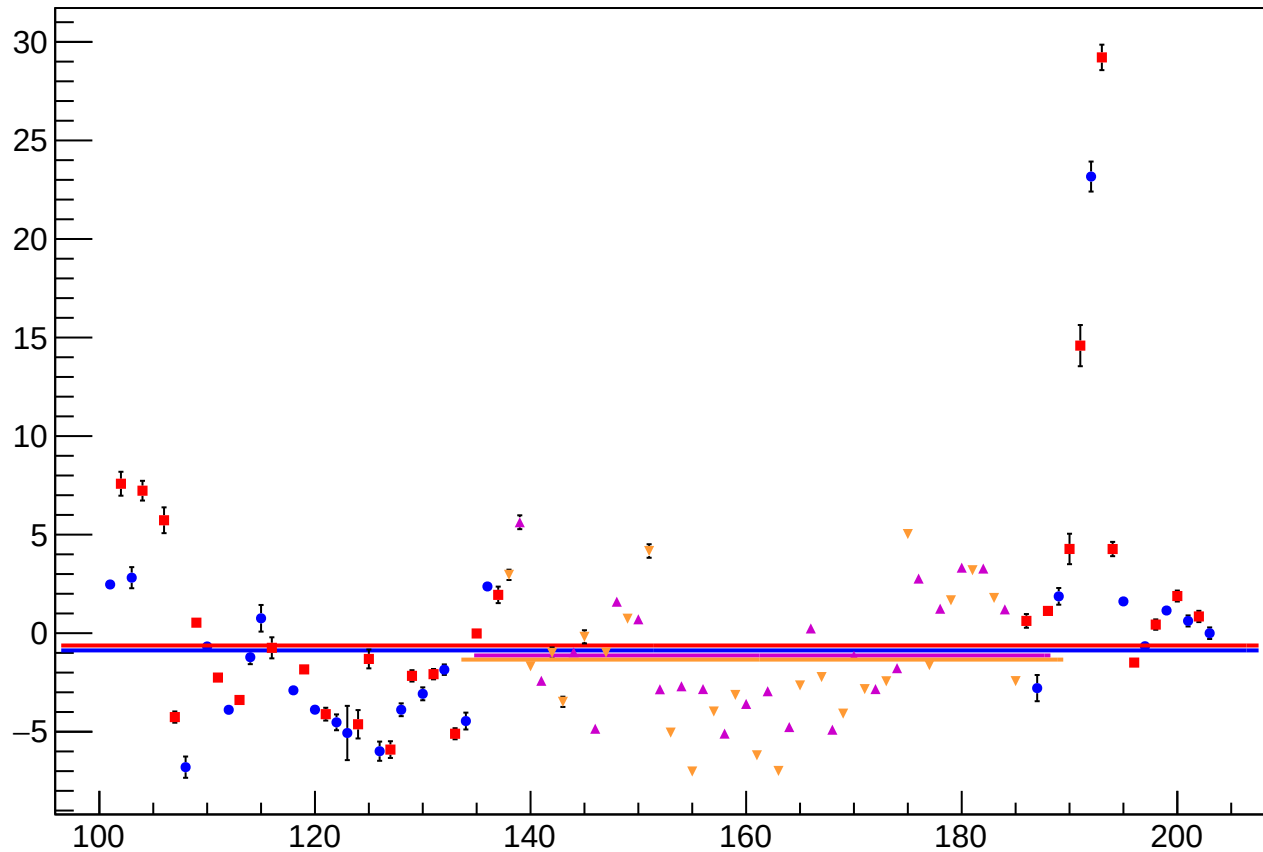
Left In: 16.798 ± 0.038 χ^2/NDF : 40258.9/22

+ sign 11.012 ± 0.033 χ^2/NDF : 198681.2/49

All: 9.817 ± 0.022 χ^2/NDF : 383980.7/100

- sign 8.799 ± 0.030 χ^2/NDF : 182853.8/50

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -0.875 ± 0.060 $\chi^2/\text{NDF}: 2721.9/24$

Left Out: -1.341 ± 0.037 $\chi^2/\text{NDF}: 7886.0/24$

Right Out: -0.625 ± 0.056 $\chi^2/\text{NDF}: 4460.9/27$

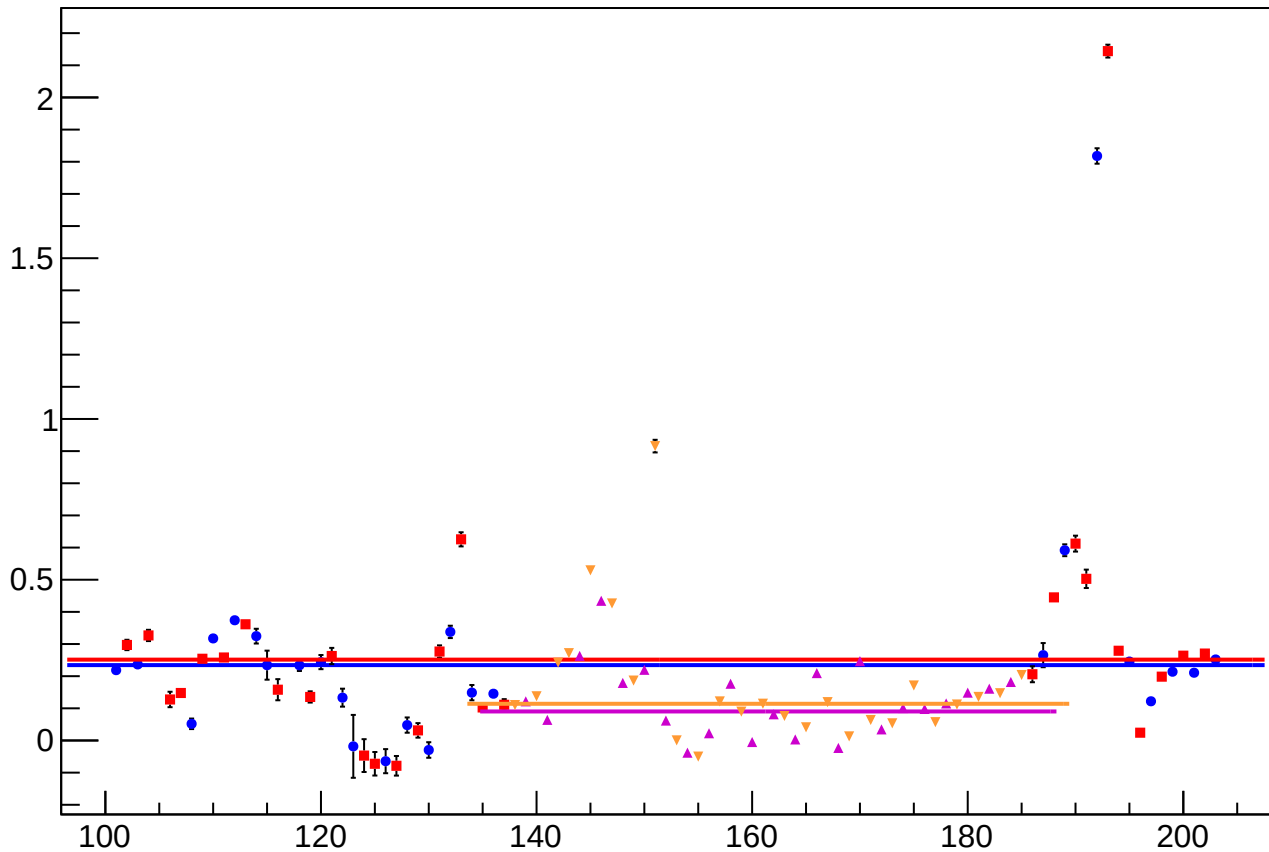
Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6743.4/22$

+ sign -1.213 ± 0.031 $\chi^2/\text{NDF}: 10652.3/49$

All: -1.096 ± 0.021 $\chi^2/\text{NDF}: 21941.8/100$

- sign -0.991 ± 0.030 $\chi^2/\text{NDF}: 11262.9/50$

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: 0.251 $\pm$ 0.003 χ^2 /NDF: 11642.7/27

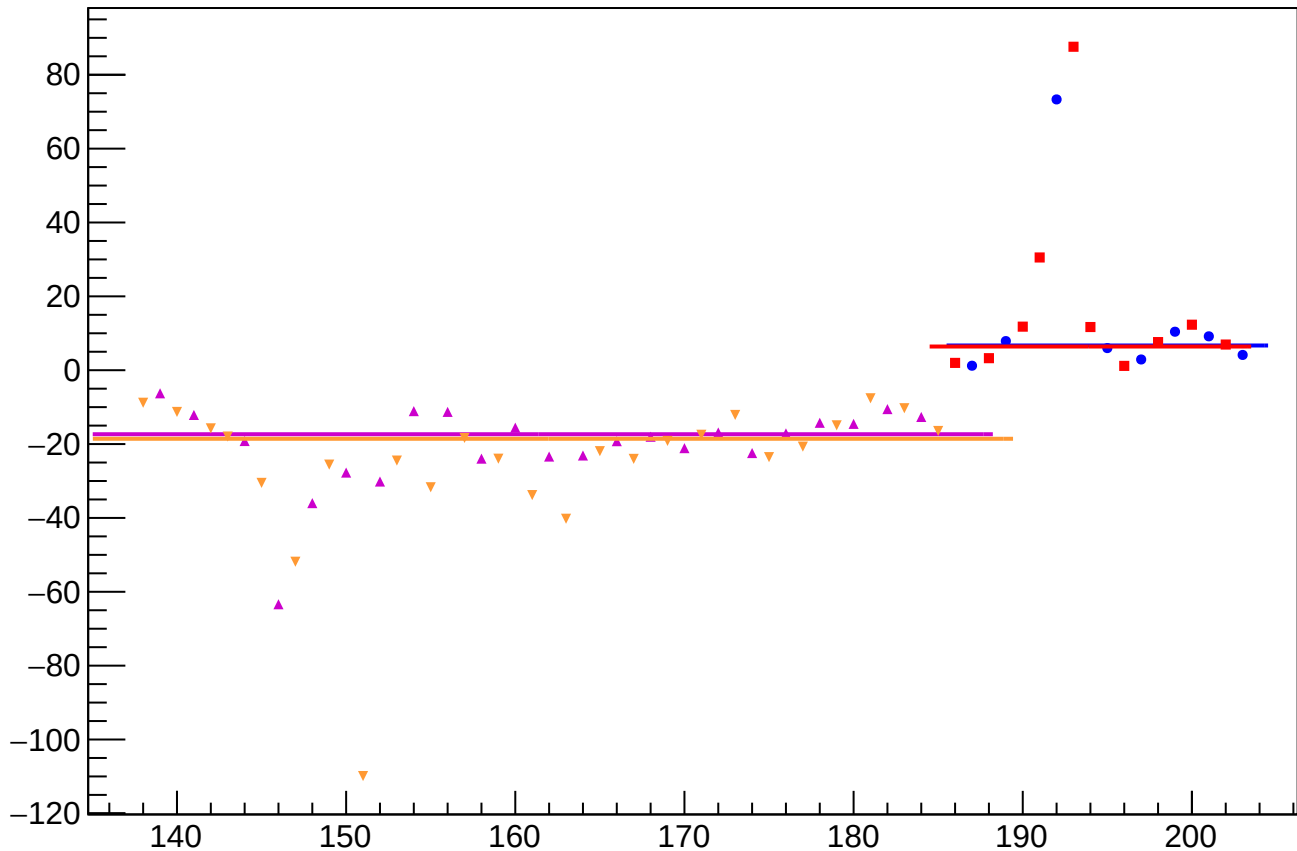
Left In: 0.090 $\pm$ 0.002 χ^2 /NDF: 3679.2/22

+ sign 0.147 $\pm$ 0.001 χ^2 /NDF: 11526.8/49

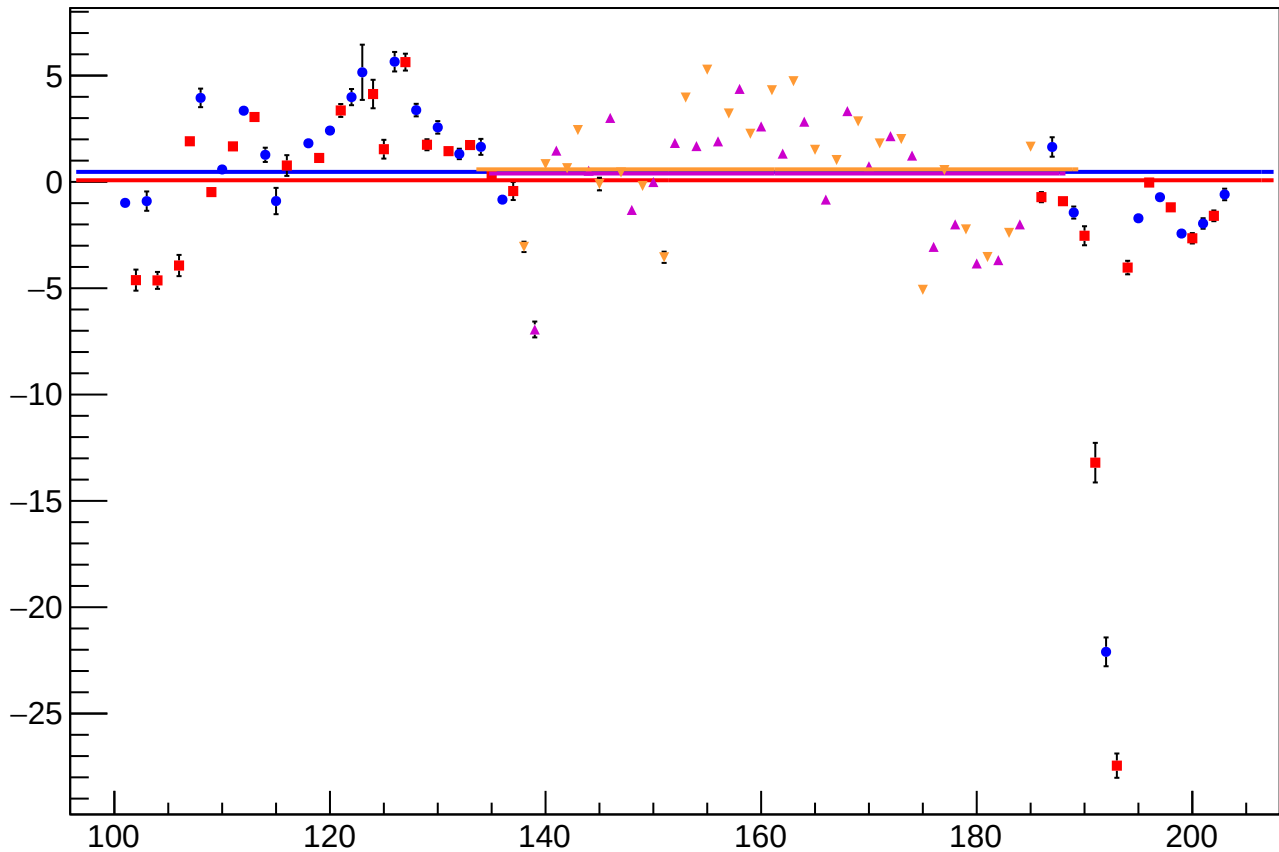
All: 0.140 $\pm$ 0.001 χ^2 /NDF: 29873.3/100

- sign 0.133 $\pm$ 0.001 χ^2 /NDF: 18294.2/50

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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: 0.077 ± 0.049 χ^2/NDF : 4208.1/27

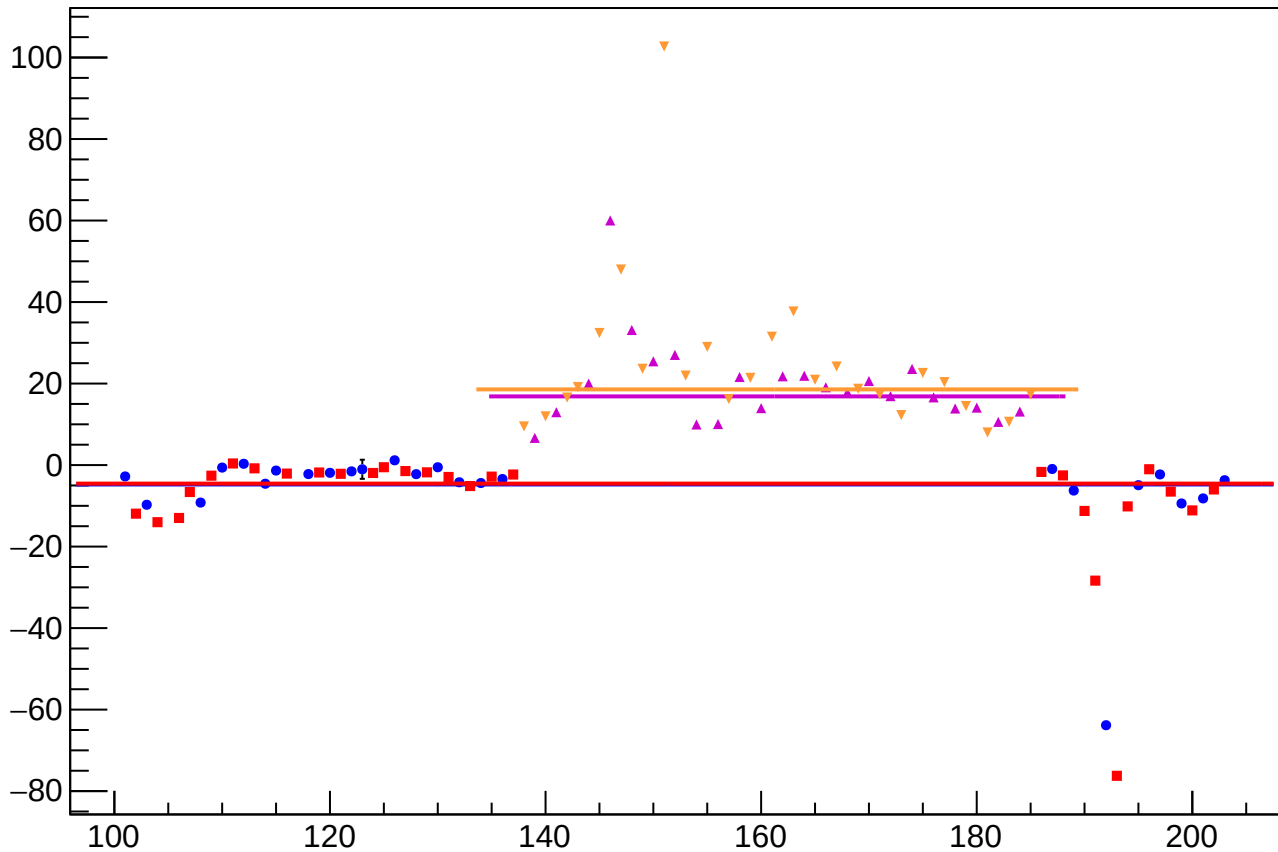
Left In: 0.394 ± 0.032 χ^2/NDF : 6112.7/22

+ sign 0.555 ± 0.028 χ^2/NDF : 9320.1/49

All: 0.421 ± 0.019 χ^2/NDF : 19714.9/100

- sign 0.300 ± 0.026 χ^2/NDF : 10350.8/50

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -4.753 ± 0.059 χ^2/NDF : 12802.4/24

Left Out: 18.569 ± 0.040 χ^2/NDF : 75983.2/24

Right Out: -4.549 ± 0.050 χ^2/NDF : 26680.3/27

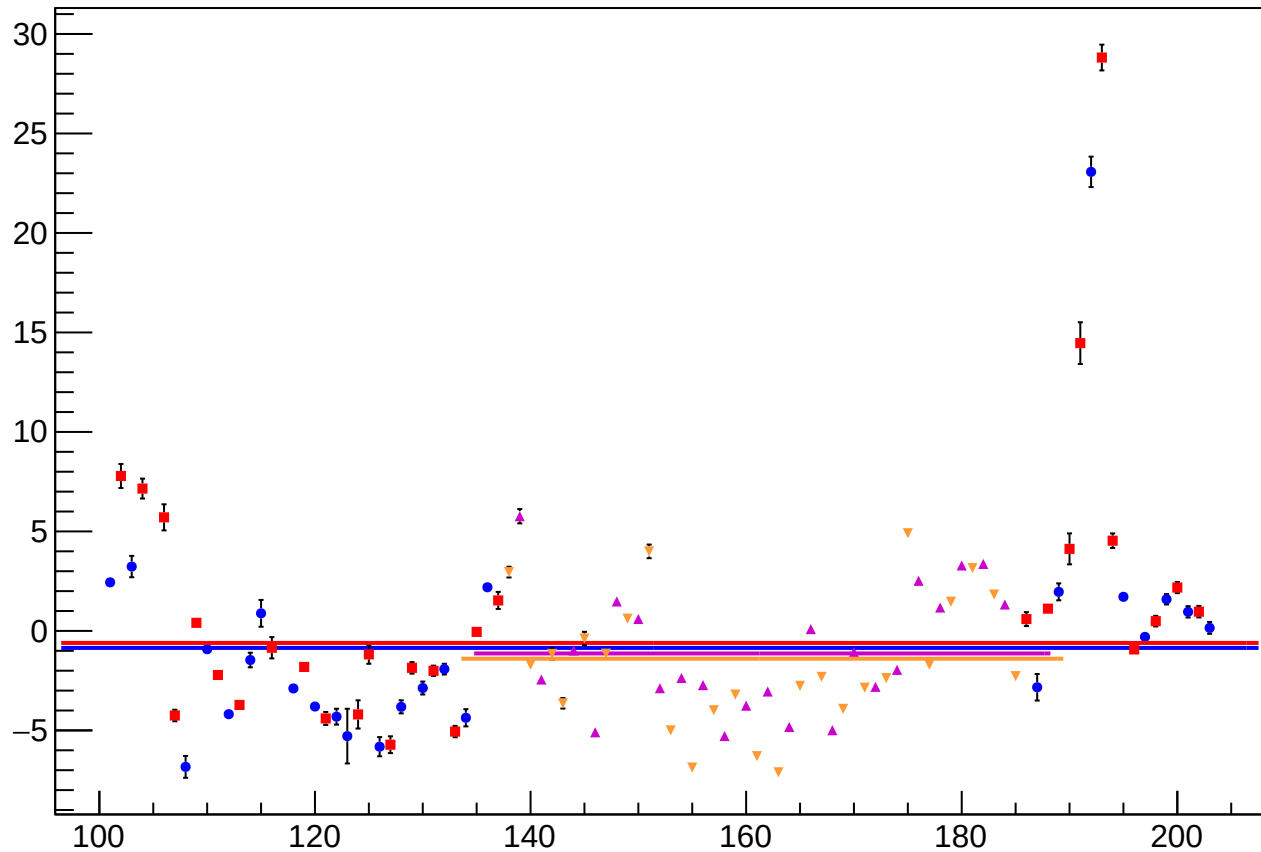
Left In: 16.854 ± 0.039 χ^2/NDF : 40590.0/22

+ sign 11.090 ± 0.033 χ^2/NDF : 196200.1/49

All: 9.881 ± 0.023 χ^2/NDF : 379893.2/100

- sign 8.850 ± 0.031 χ^2/NDF : 181239.8/50

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: -0.604 ± 0.057 χ^2/NDF : 4393.2/27

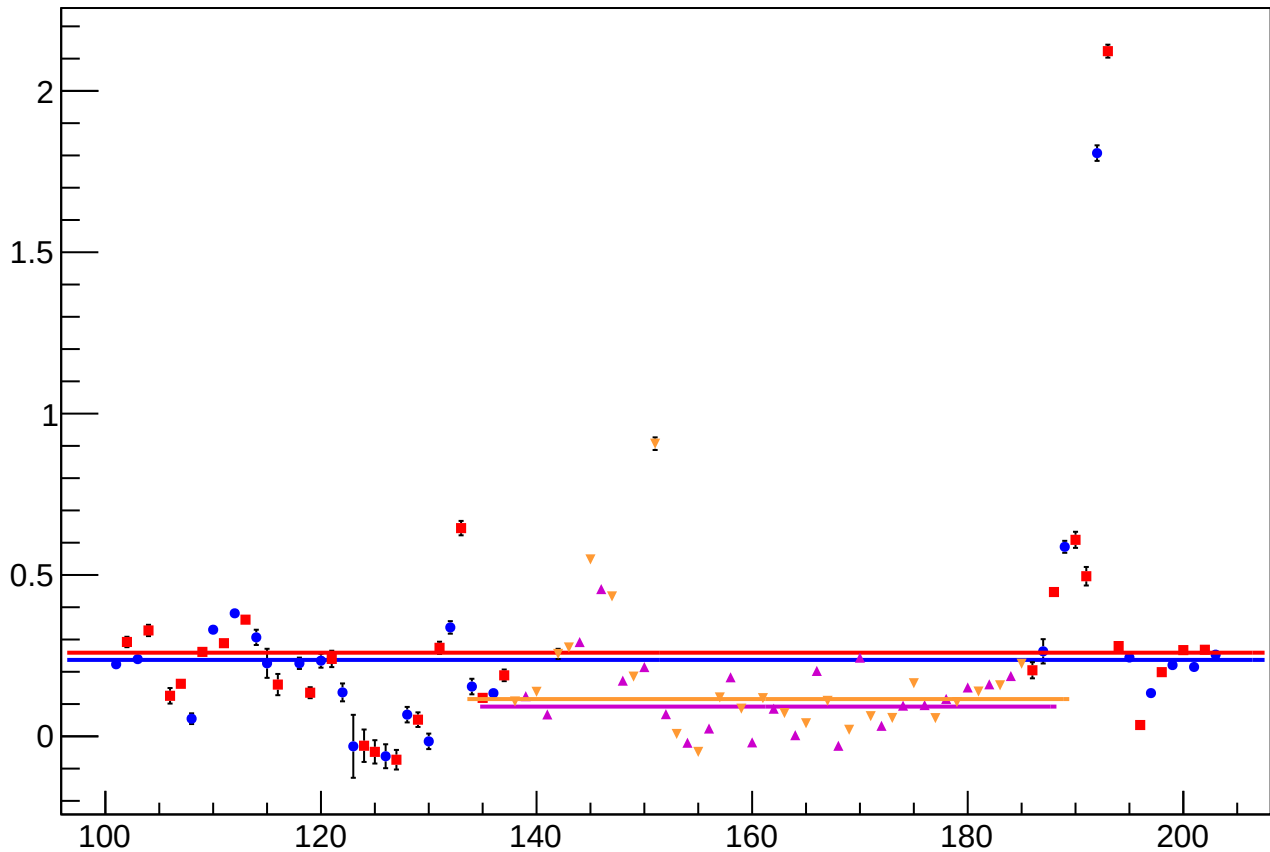
Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

+ sign -1.248 ± 0.032 χ^2/NDF : 10416.4/49

All: -1.111 ± 0.022 χ^2/NDF : 21546.3/100

- sign -0.987 ± 0.030 χ^2/NDF : 11093.8/50

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.237 $\pm$ 0.003 χ^2 /NDF: 5485.0/24

Left Out: 0.115 $\pm$ 0.002 χ^2 /NDF:4423.4/24

Right Out: 0.259 $\pm$ 0.003 χ^2 /NDF: 11116.7/27

Left In: 0.092 $\pm$ 0.002 χ^2 /NDF:3632.6/22

+ sign 0.149 $\pm$ 0.001 χ^2 /NDF: 11385.6/49

All: 0.142 $\pm$ 0.001 χ^2 /NDF: 29274.1/100

- sign 0.136 $\pm$ 0.001 χ^2 /NDF: 17848.3/50