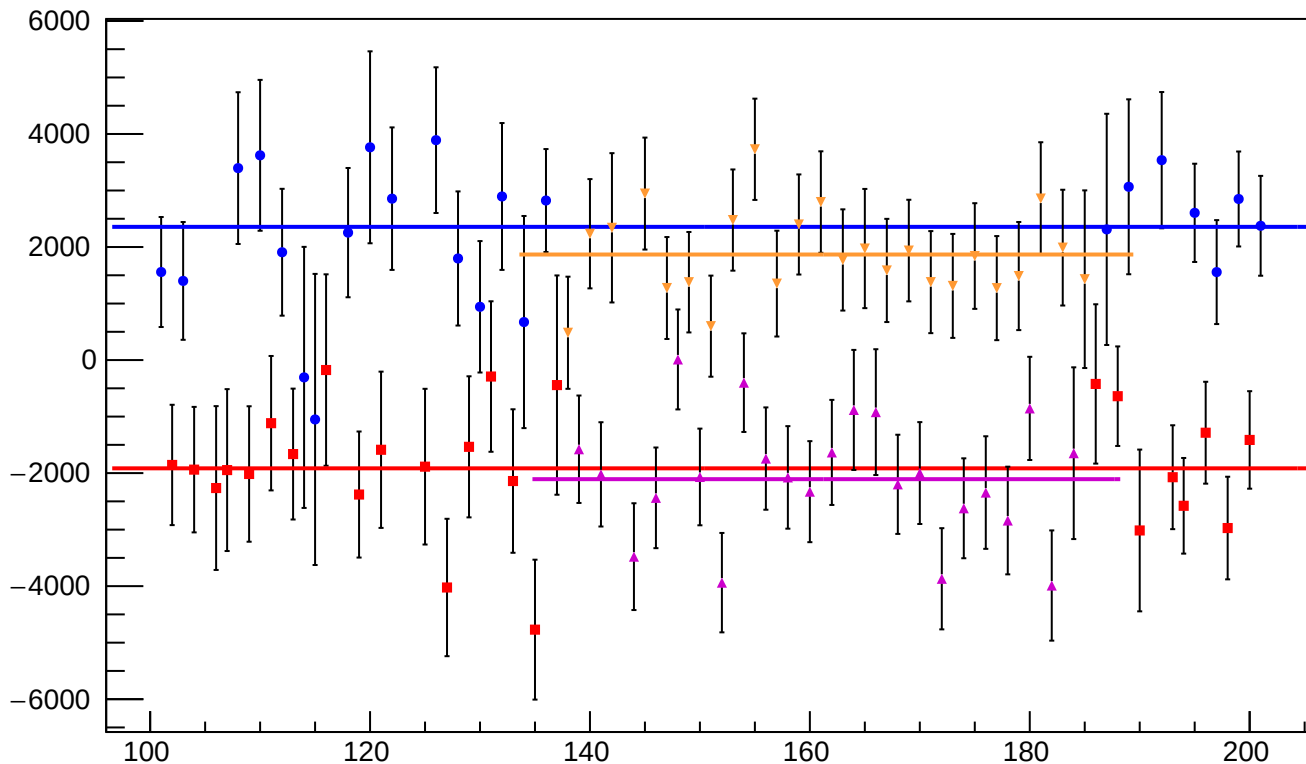


dit_asym_us_avg_mean vs Slug



Right In: 2356.878+/-245.068

χ^2/NDF : 13.8/22

Left Out: 1867.512+/-194.801

χ^2/NDF : 15.1/23

Right Out: -1915.712+/-228.917

χ^2/NDF : 19.0/24

Left In: -2107.246+/-194.959

χ^2/NDF : 30.0/22

+ sign 2056.994+/-152.494

χ^2/NDF : 31.4/46

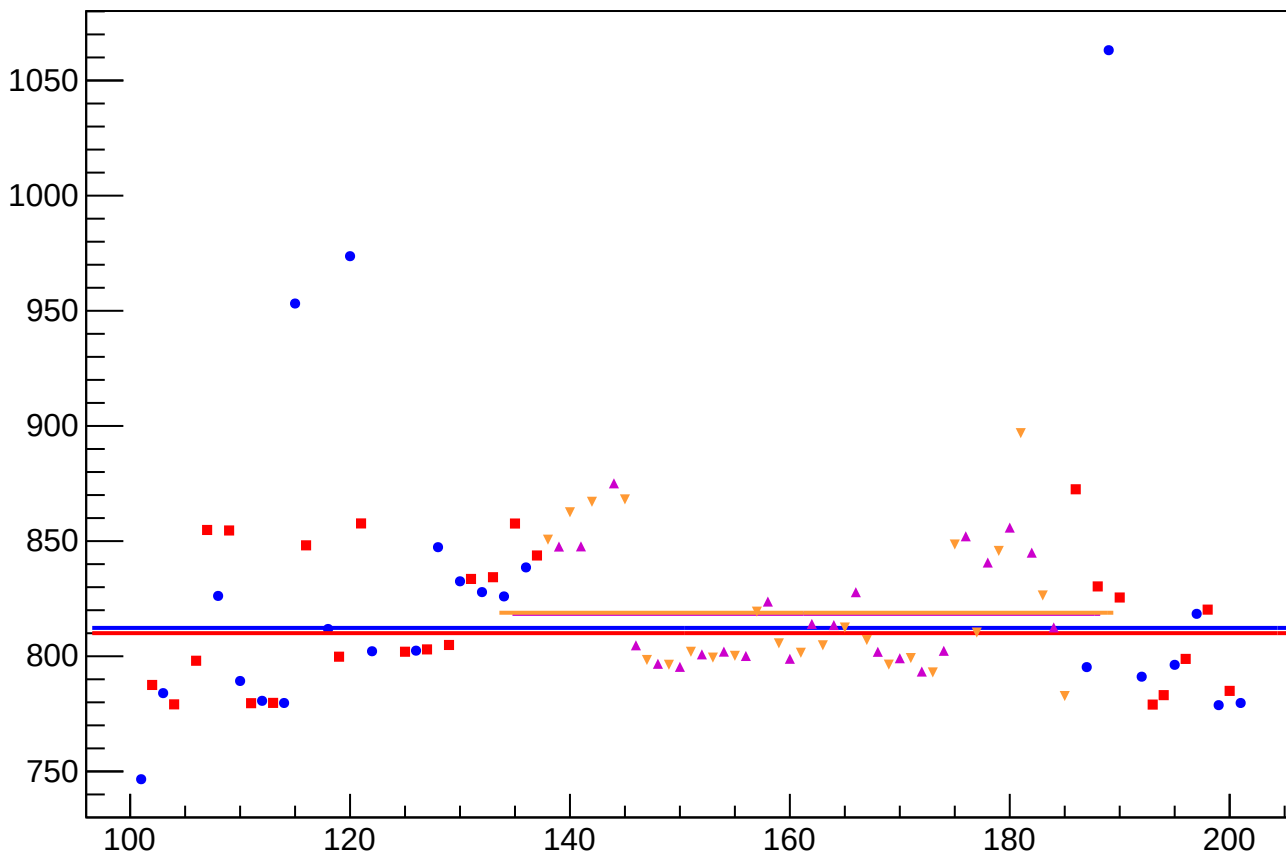
All: -40.063+/-106.362

χ^2/NDF : 449.0/94

- sign -2026.725+/-148.426

χ^2/NDF : 49.4/47

dit_asym_us_avg_rms vs Slug



Right In: 812.317 $\pm$ 0.173 χ^2 /NDF: 102077.1/22

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

Right Out: 810.037 $\pm$ 0.162 χ^2 /NDF: 30403.6/24

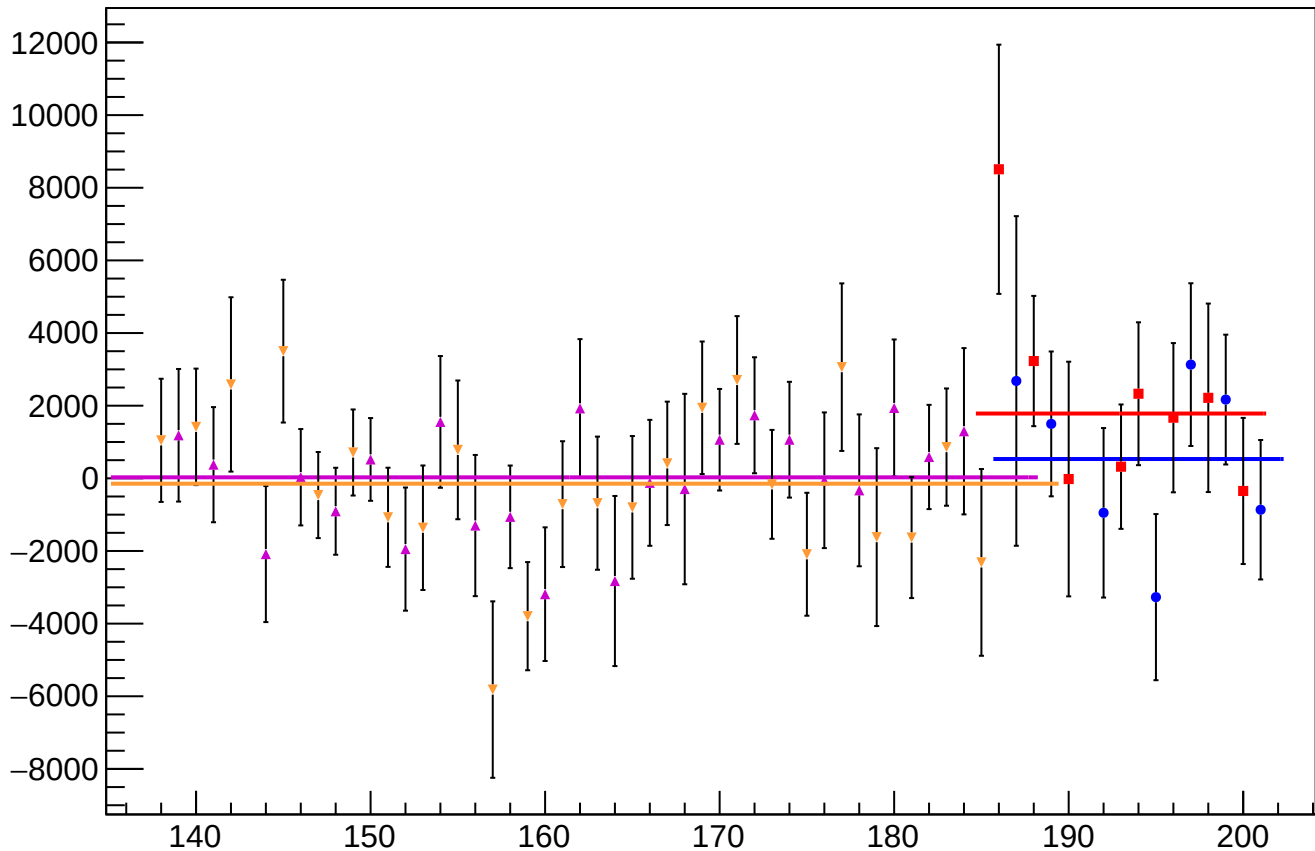
Left In: 818.403 $\pm$ 0.138 χ^2 /NDF: 29907.0/22

+ sign 816.351 $\pm$ 0.108 χ^2 /NDF: 144632.4/46

All: 815.599 $\pm$ 0.075 χ^2 /NDF: 206585.9/94

- sign 814.886 $\pm$ 0.105 χ^2 /NDF: 61858.7/47

asym_us_avg_correction_mean vs Slug



Right In: 531.893 ± 827.965 $\chi^2/\text{NDF}: 6.3/6$

Left Out: -147.864 ± 347.750 $\chi^2/\text{NDF}: 29.3/23$

Right Out: 1784.120 ± 761.630 $\chi^2/\text{NDF}: 6.8/7$

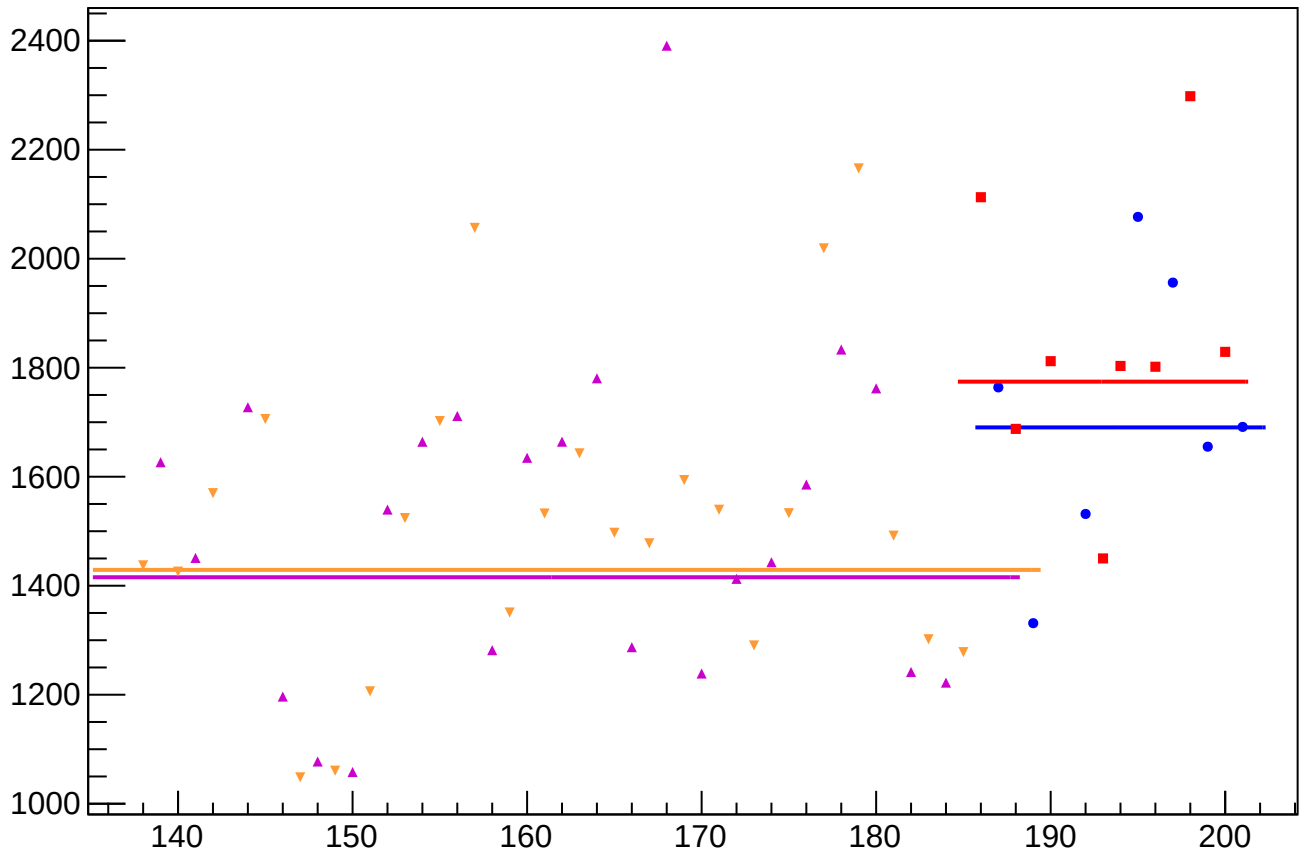
Left In: 27.722 ± 344.229 $\chi^2/\text{NDF}: 14.8/22$

+ sign -45.933 ± 320.619 $\chi^2/\text{NDF}: 36.2/30$

All: 143.922 ± 224.218 $\chi^2/\text{NDF}: 62.9/61$

- sign 325.646 ± 313.679 $\chi^2/\text{NDF}: 26.0/30$

asym_us_avg_correction_rms vs Slug



Right In: 1690.495 ± 0.585 χ^2/NDF : 160670.8/6

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

Right Out: 1774.424 ± 0.539 χ^2/NDF : 179913.4/7

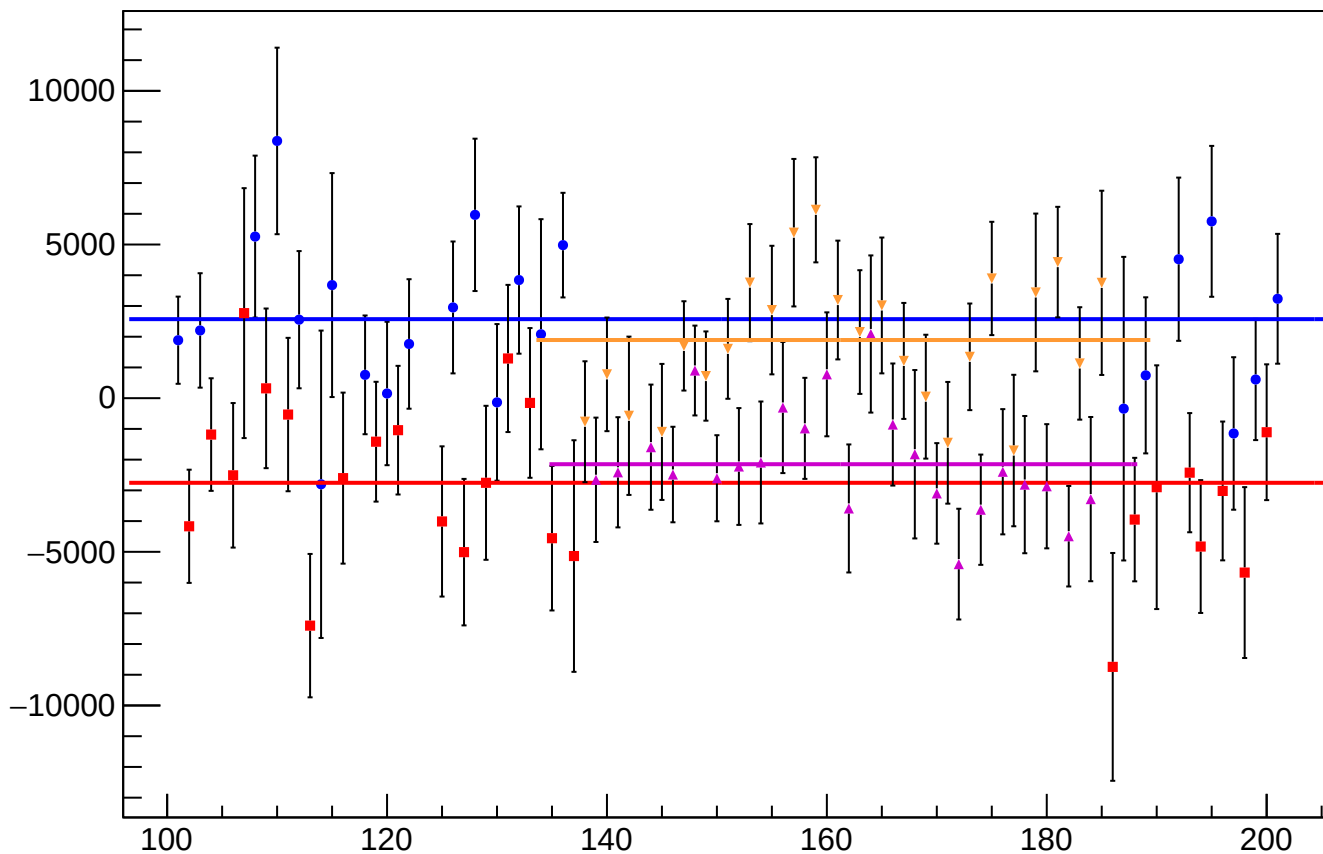
Left In: 1415.555 ± 0.243 χ^2/NDF : 1245603.5/22

+ sign 1468.267 ± 0.227 χ^2/NDF : 1437116.4/30

All: 1472.436 ± 0.159 χ^2/NDF : 3232009.5/63

- sign 1476.427 ± 0.222 χ^2/NDF : 1794231.1/30

asym_us_avg_mean vs Slug



Right In: 2571.568 $\pm$ 482.077 χ^2 /NDF: 20.1/22

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

Right Out: -2753.817 $\pm$ 474.675 χ^2 /NDF: 22.2/24

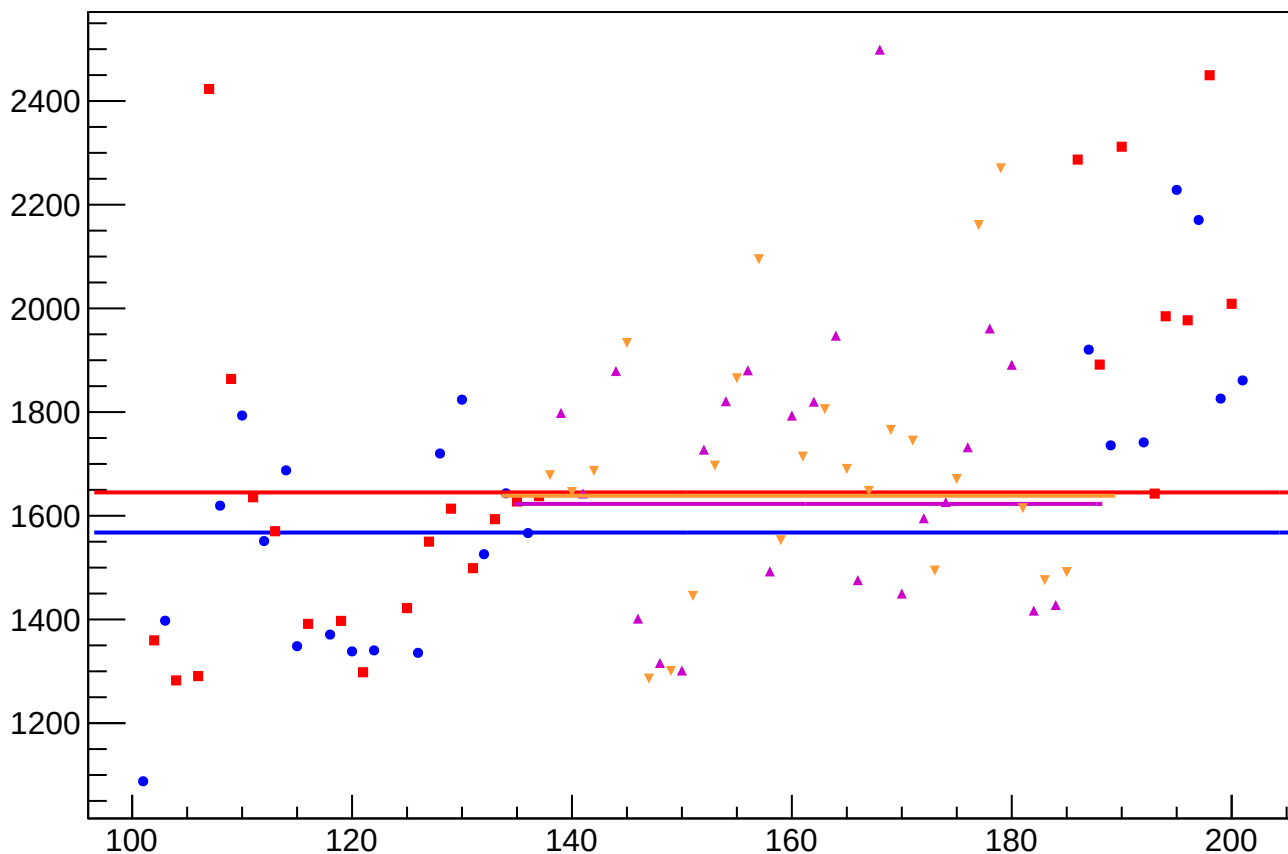
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

+ sign 2165.113 $\pm$ 305.441 χ^2 /NDF: 47.2/46

All: -139.300 $\pm$ 214.798 χ^2 /NDF: 201.4/94

- sign -2393.942 $\pm$ 302.125 χ^2 /NDF: 41.6/47

asym_us_avg_rms vs Slug



Right In: 1567.663 $\pm$ 0.341 χ^2 /NDF: 745260.3/22

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

Right Out: 1645.056 $\pm$ 0.336 χ^2 /NDF: 854718.4/24

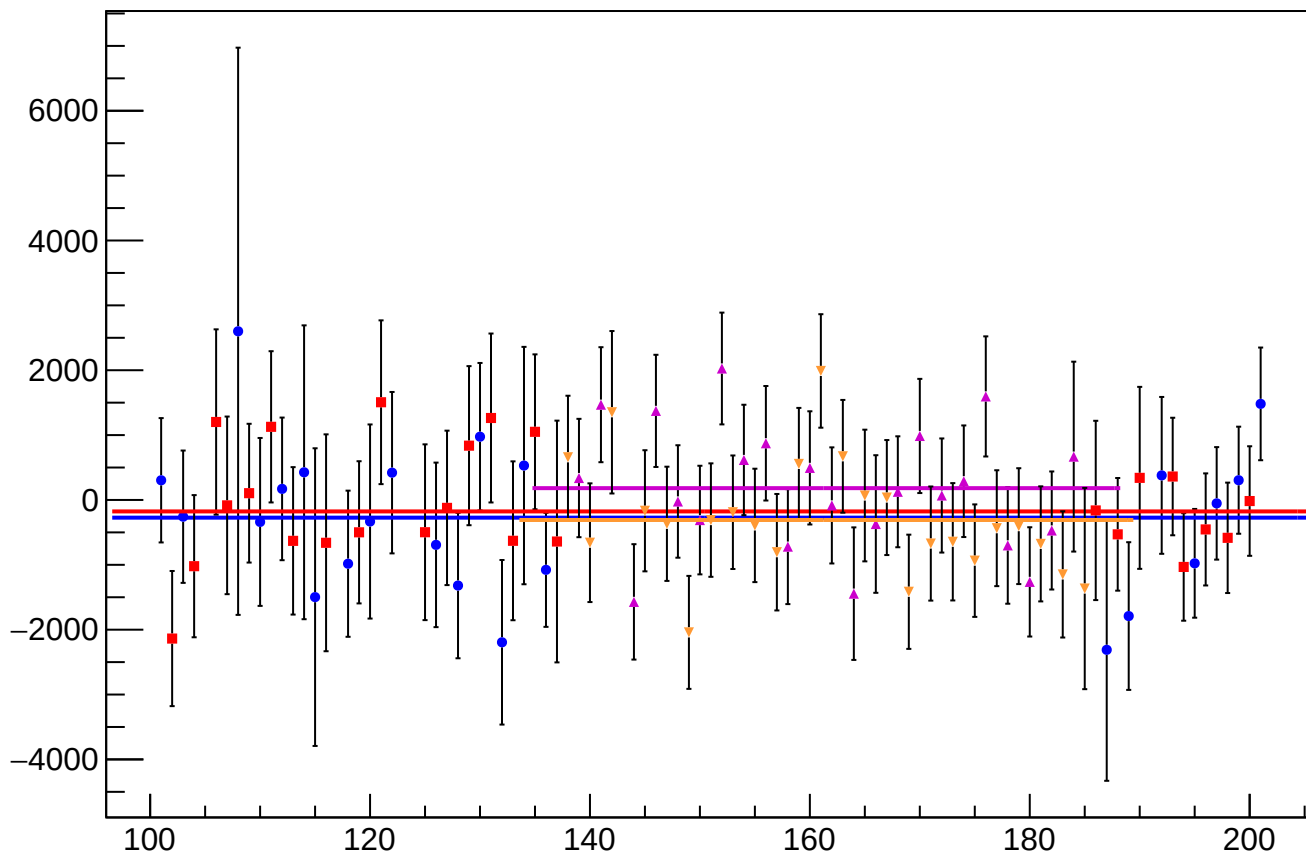
Left In: 1622.876 $\pm$ 0.277 χ^2 /NDF: 780522.2/22

+ sign 1610.170 $\pm$ 0.216 χ^2 /NDF: 1443222.3/46

All: 1621.134 $\pm$ 0.152 χ^2 /NDF: 3086159.2/94

- sign 1631.862 $\pm$ 0.214 χ^2 /NDF: 1637838.4/47

dit_asym_us_dd_mean vs Slug



Right In: -272.881 ± 239.438 χ^2/NDF : 16.0/22

Left Out: -308.819 ± 187.448 χ^2/NDF : 20.6/23

Right Out: -176.732 ± 221.978 χ^2/NDF : 13.8/24

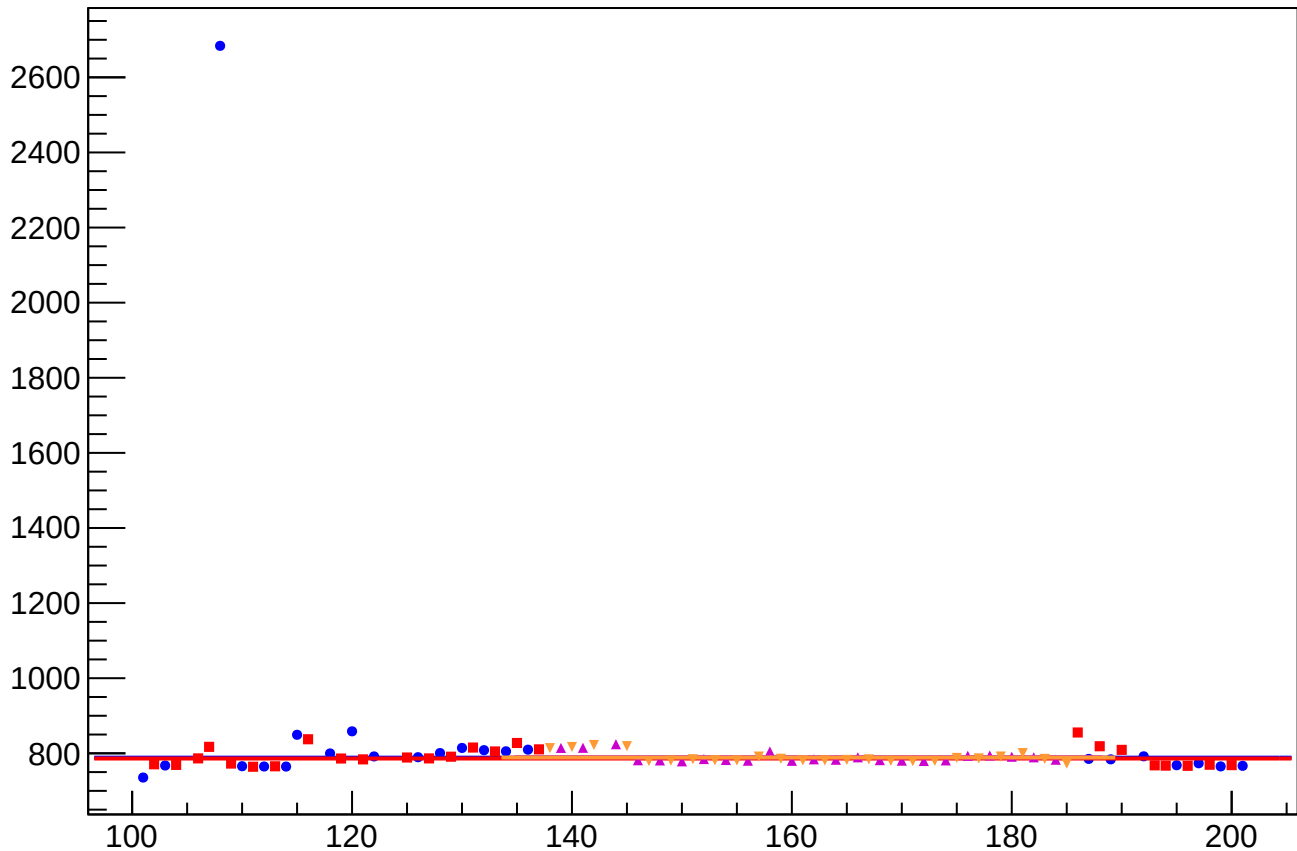
Left In: 181.983 ± 187.935 χ^2/NDF : 25.6/22

+ sign -295.163 ± 147.598 χ^2/NDF : 36.5/46

All: -126.791 ± 102.863 χ^2/NDF : 80.0/94

- sign 32.213 ± 143.433 χ^2/NDF : 40.9/47

dit_asym_us_dd_rms vs Slug



Right In: 788.419+/-0.169 χ^2/NDF : 398354.2/22

Left Out: 788.886+/-0.133 χ^2/NDF : 9342.2/23

Right Out: 786.156+/-0.157 χ^2/NDF : 22678.4/24

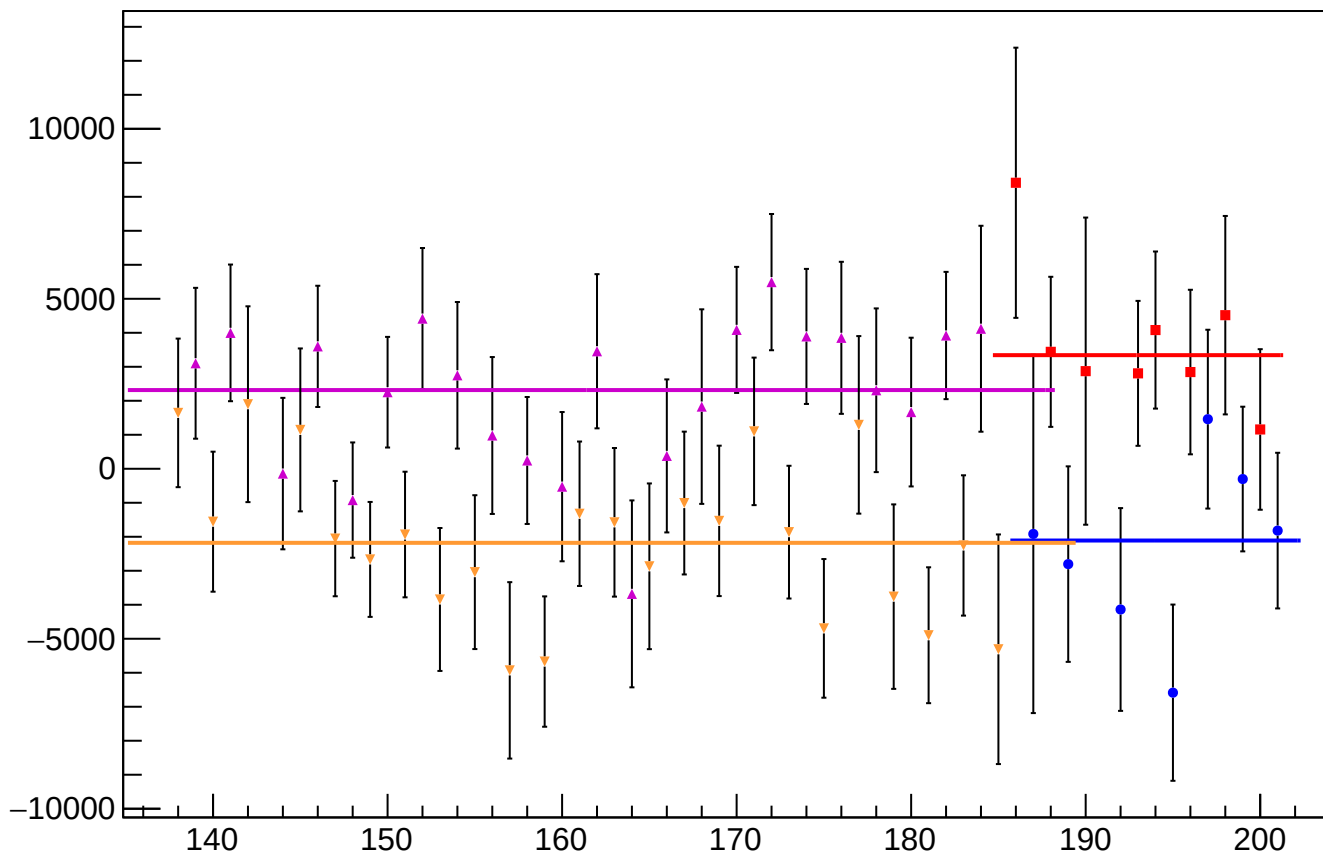
Left In: 789.406+/-0.133 χ^2/NDF : 9219.1/22

+ sign 788.708+/-0.104 χ^2/NDF : 407701.1/46

All: 788.369+/-0.073 χ^2/NDF : 439868.8/94

- sign 788.049+/-0.101 χ^2/NDF : 32147.3/47

asym_us_dd_correction_mean vs Slug



Right In: -2110.641 $\pm$ 1013.021 χ^2 /NDF: 6.1/6

Left Out: -2178.467 $\pm$ 439.661 χ^2 /NDF: 22.7/23

Right Out: 3341.887 $\pm$ 915.749 χ^2 /NDF: 2.9/7

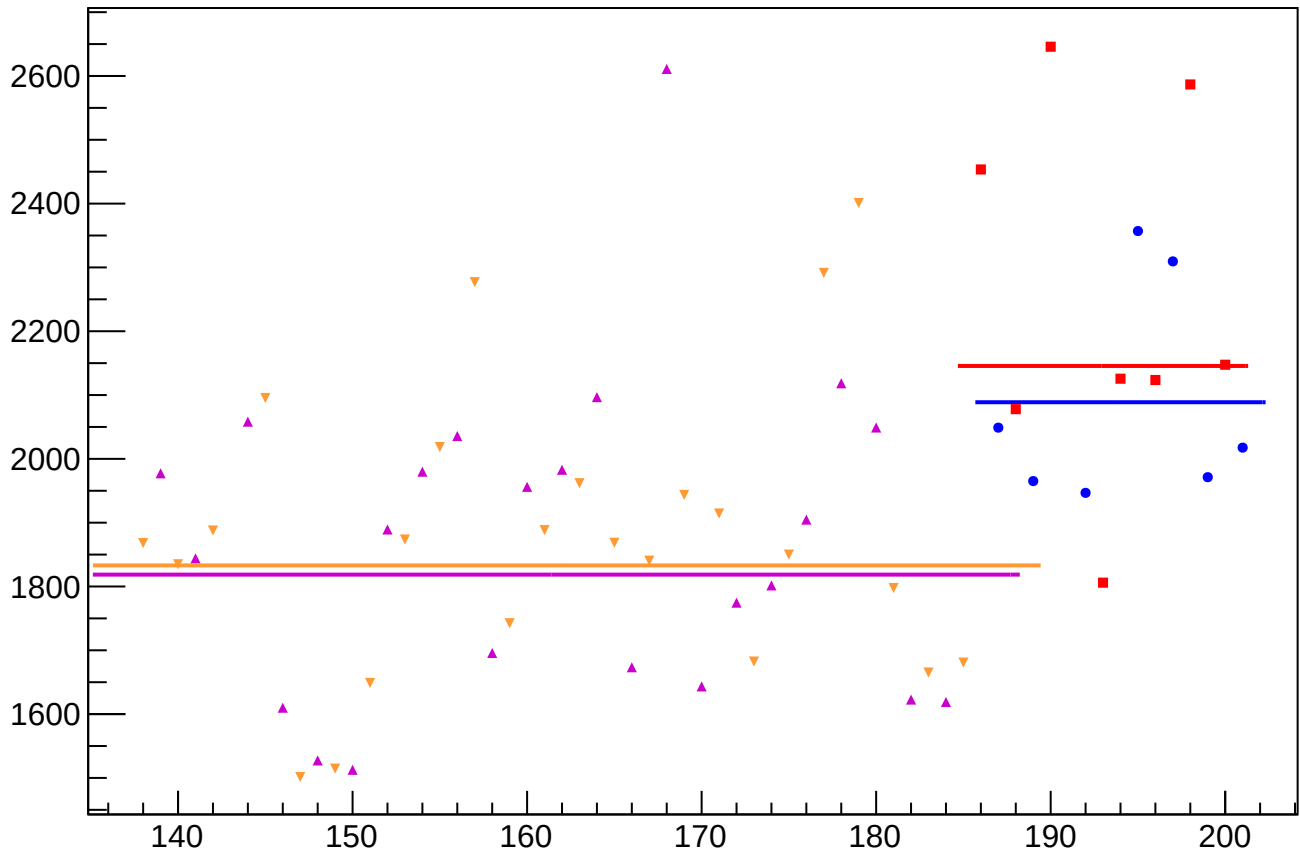
Left In: 2315.169 $\pm$ 437.003 χ^2 /NDF: 22.0/22

+ sign -2167.716 $\pm$ 403.314 χ^2 /NDF: 28.8/30

All: 221.182 $\pm$ 281.980 χ^2 /NDF: 123.3/61

- sign 2505.612 $\pm$ 394.397 χ^2 /NDF: 25.9/30

asym_us_dd_correction_rms vs Slug



Right In: 2088.725 $\pm$ 0.716 χ^2 /NDF: 51878.1/6

Left Out: 1833.028 $\pm$ 0.311 χ^2 /NDF: 465466.9/23

Right Out: 2145.598 $\pm$ 0.648 χ^2 /NDF: 135185.7/7

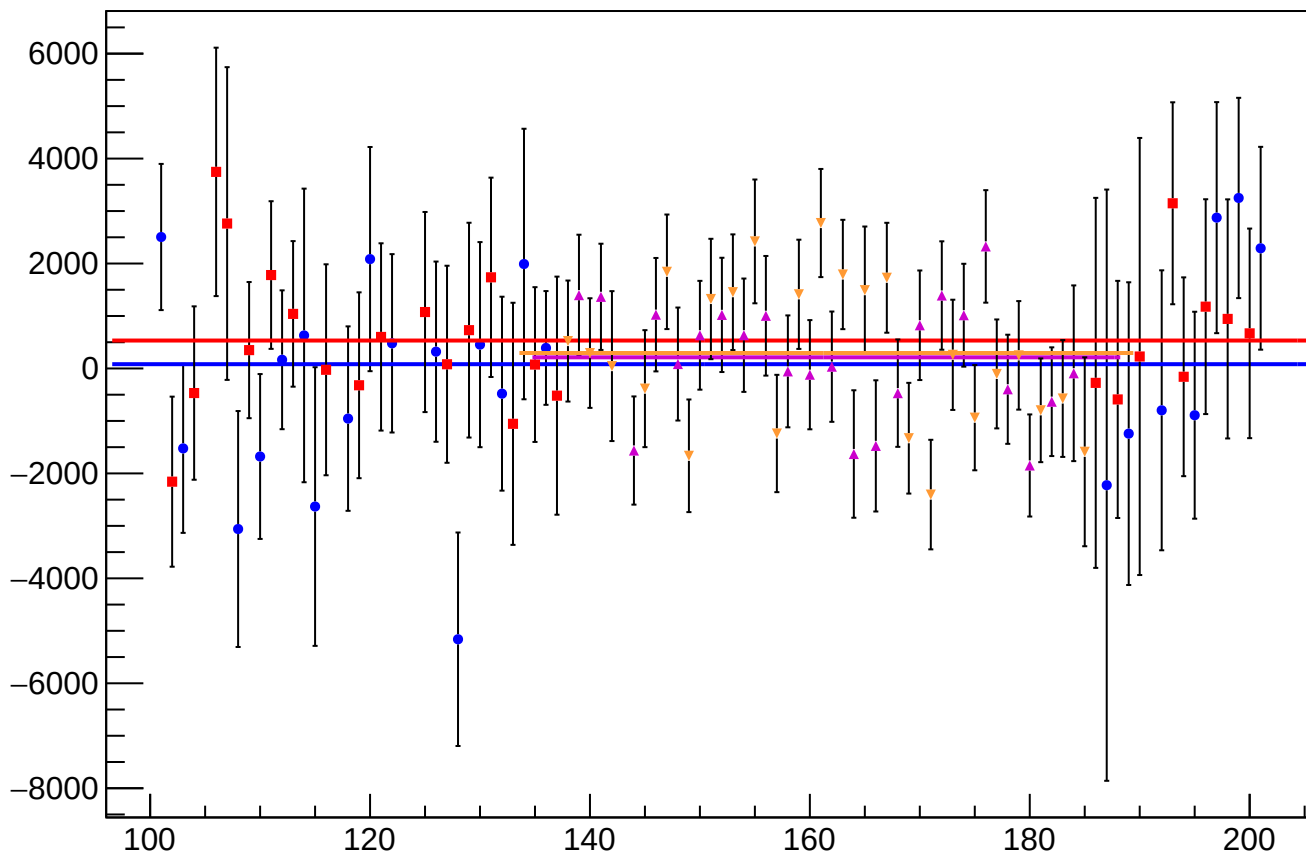
Left In: 1818.594 $\pm$ 0.309 χ^2 /NDF: 536826.7/22

+ sign 1873.558 $\pm$ 0.285 χ^2 /NDF: 624570.2/30

All: 1876.467 $\pm$ 0.199 χ^2 /NDF: 1504506.6/63

- sign 1879.249 $\pm$ 0.279 χ^2 /NDF: 879732.8/30

asym_us_dd_mean vs Slug



Right In: 81.541 $\pm$ 387.237 χ^2 /NDF: 23.4/22

Left Out: 294.652 $\pm$ 224.344 χ^2 /NDF: 38.3/23

Right Out: 532.326 $\pm$ 377.477 χ^2 /NDF: 10.5/24

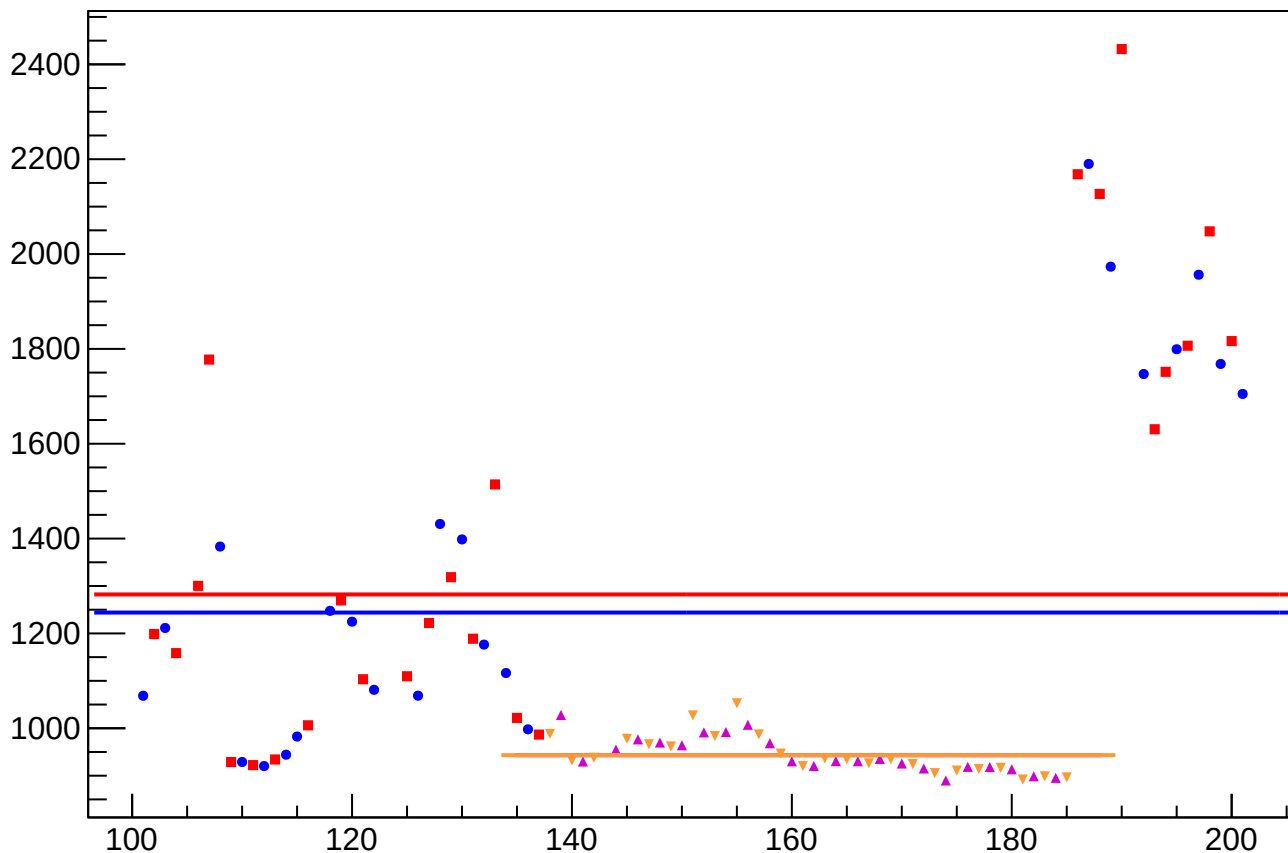
Left In: 212.080 $\pm$ 224.701 χ^2 /NDF: 23.7/22

+ sign 241.098 $\pm$ 194.120 χ^2 /NDF: 61.9/46

All: 268.630 $\pm$ 136.895 χ^2 /NDF: 96.8/94

- sign 295.868 $\pm$ 193.081 χ^2 /NDF: 34.8/47

asym_us_dd_rms vs Slug



Right In: 1243.989 $\pm$ 0.274 χ^2 /NDF: 1350222.2/22

Left Out: 943.327 $\pm$ 0.159 χ^2 /NDF:60410.5/23

Right Out: 1282.221 $\pm$ 0.267 χ^2 /NDF: 1922045.2/24

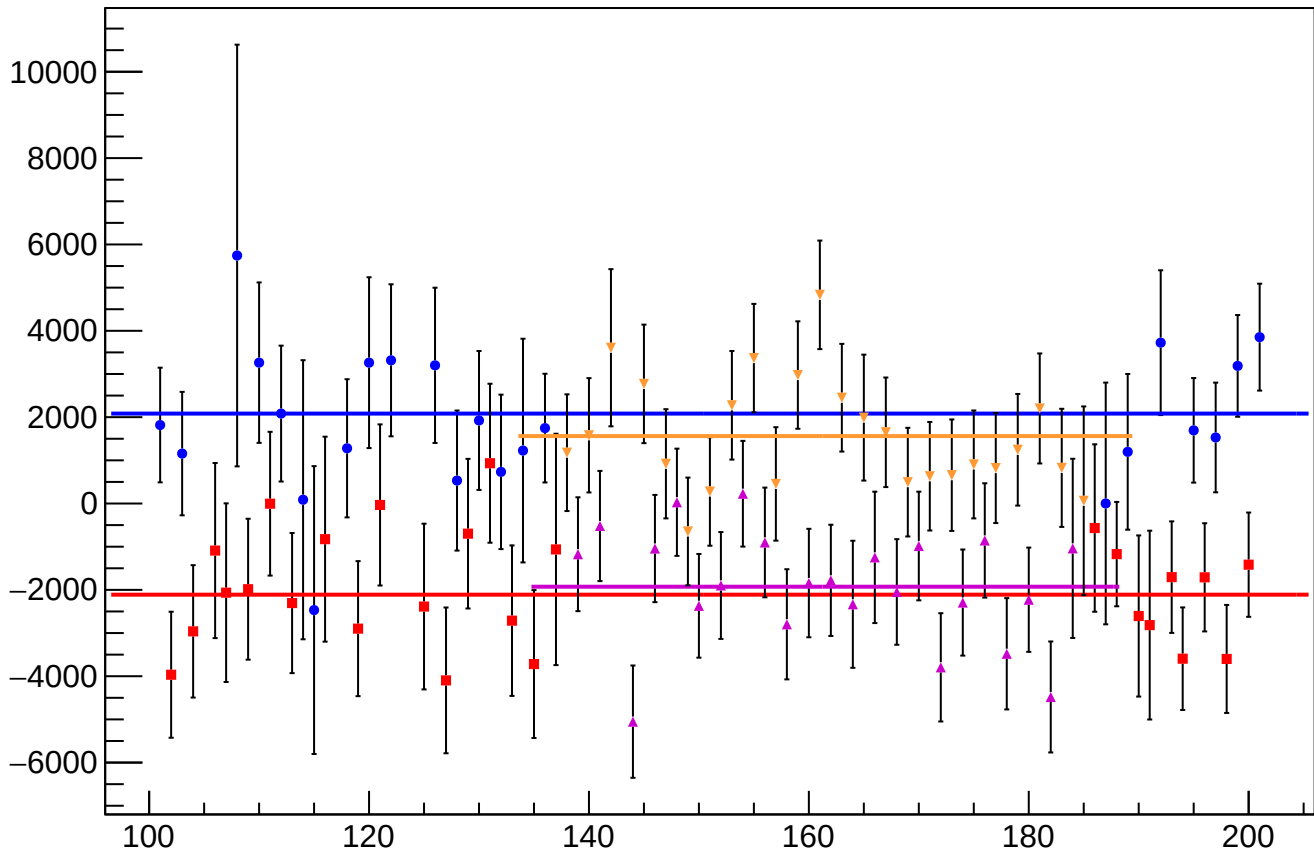
Left In: 943.137 $\pm$ 0.159 χ^2 /NDF:49948.2/22

+ sign 1018.882 $\pm$ 0.137 χ^2 /NDF: 2313328.4/46

All: 1025.403 $\pm$ 0.097 χ^2 /NDF: 5481422.7/94

- sign 1031.853 $\pm$ 0.137 χ^2 /NDF: 3163605.5/47

dit_asym_usl_mean vs Slug



Right In: 2082.807 ± 341.365 $\chi^2/\text{NDF}: 11.8/22$

Left Out: 1562.090 ± 269.272 $\chi^2/\text{NDF}: 21.8/23$

Right Out: -2111.321 ± 314.052 $\chi^2/\text{NDF}: 16.5/25$

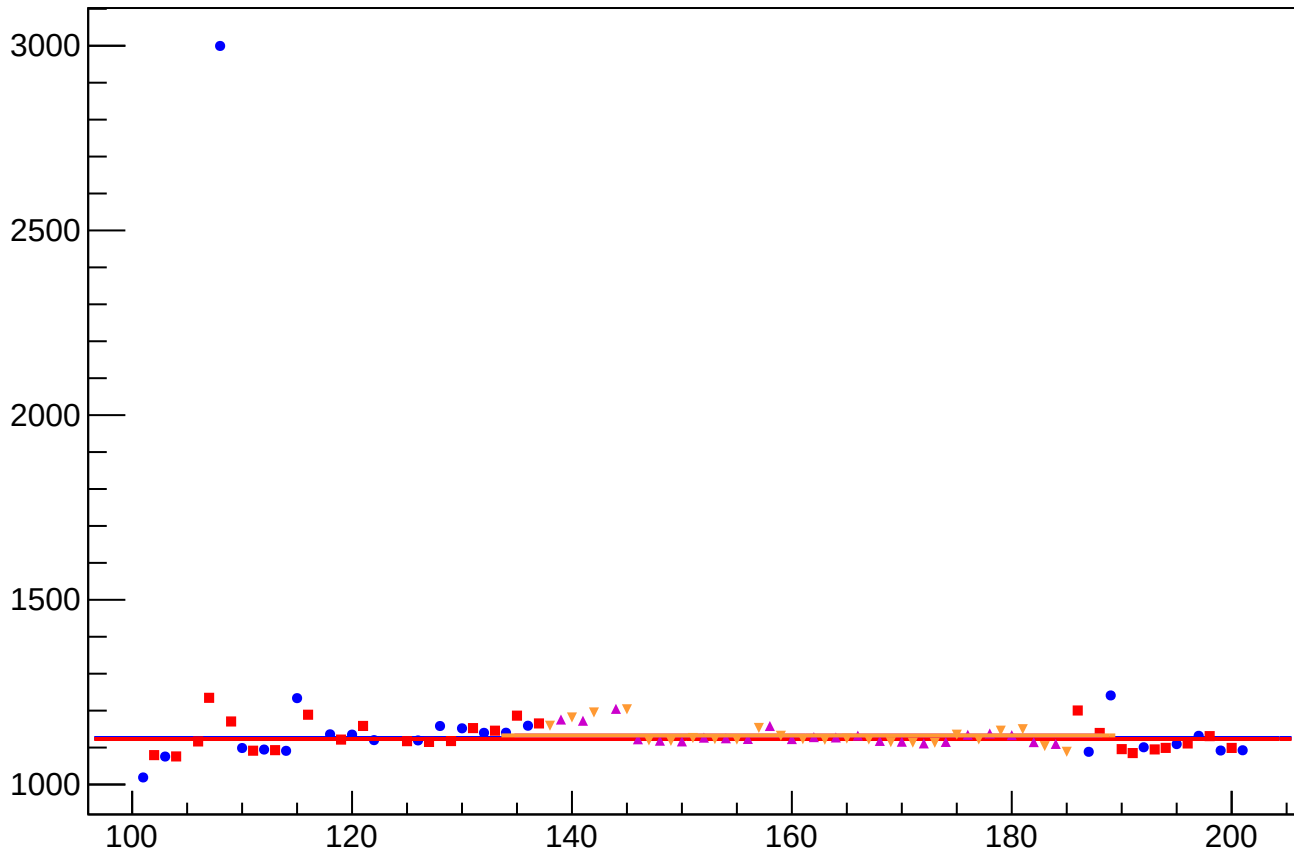
Left In: -1926.929 ± 269.667 $\chi^2/\text{NDF}: 24.1/22$

+ sign 1761.817 ± 211.415 $\chi^2/\text{NDF}: 35.0/46$

All: -183.455 ± 147.022 $\chi^2/\text{NDF}: 239.7/95$

- sign -2005.185 ± 204.592 $\chi^2/\text{NDF}: 40.8/48$

dit_asym_usl_rms vs Slug



Right In: 1125.847 $\pm$ 0.241 χ^2 /NDF: 328902.5/22

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

Right Out: 1123.164 $\pm$ 0.222 χ^2 /NDF: 26437.8/25

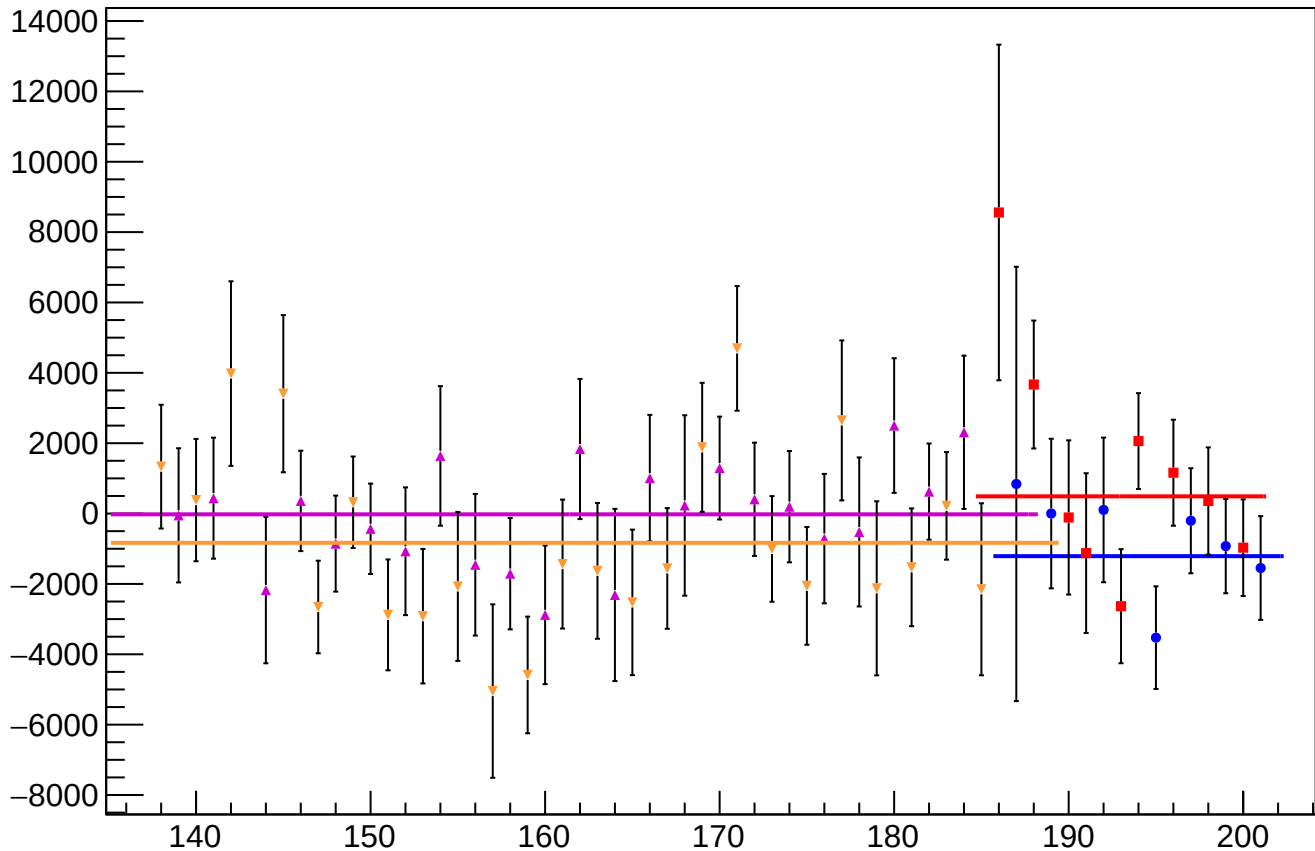
Left In: 1132.570 $\pm$ 0.191 χ^2 /NDF: 14524.8/22

+ sign 1130.184 $\pm$ 0.149 χ^2 /NDF: 346212.9/46

All: 1129.355 $\pm$ 0.104 χ^2 /NDF: 388267.7/95

- sign 1128.578 $\pm$ 0.145 χ^2 /NDF: 41995.3/48

asym_usl_correction_mean vs Slug



Right In: -1210.775 $\pm$ 642.900 χ^2/NDF : 3.9/6

Left Out: -830.927 $\pm$ 366.086 χ^2/NDF : 40.1/23

Right Out: 489.821 $\pm$ 570.850 χ^2/NDF : 12.9/8

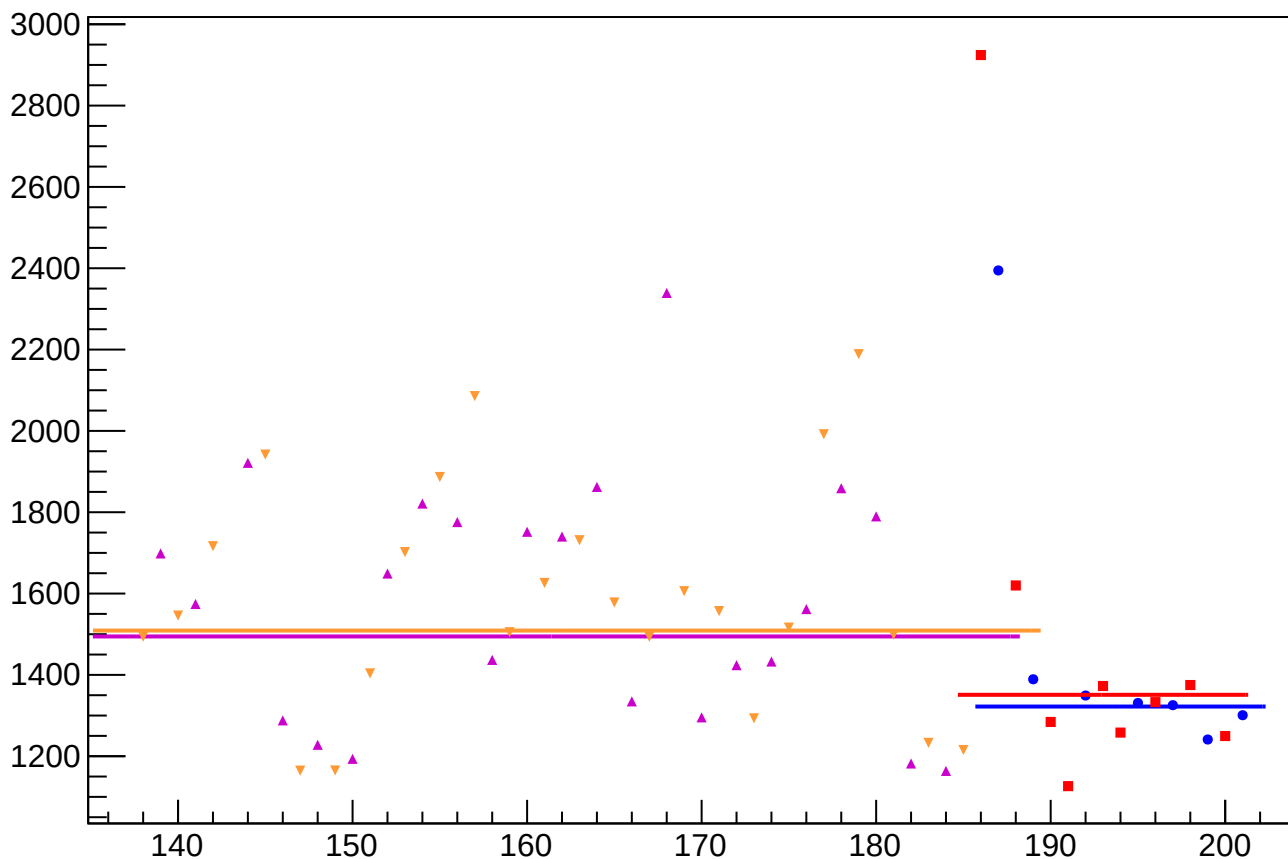
Left In: -21.419 $\pm$ 362.476 χ^2/NDF : 12.8/22

+ sign -923.935 $\pm$ 318.125 χ^2/NDF : 44.3/30

All: -378.846 $\pm$ 220.536 χ^2/NDF : 76.1/62

- sign 125.480 $\pm$ 305.999 χ^2/NDF : 26.2/31

asym_usl_correction_rms vs Slug



Right In: 1322.156+/-0.455 χ^2/NDF : 70535.0/6

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

Right Out: 1350.971+/-0.404 χ^2/NDF : 304115.2/8

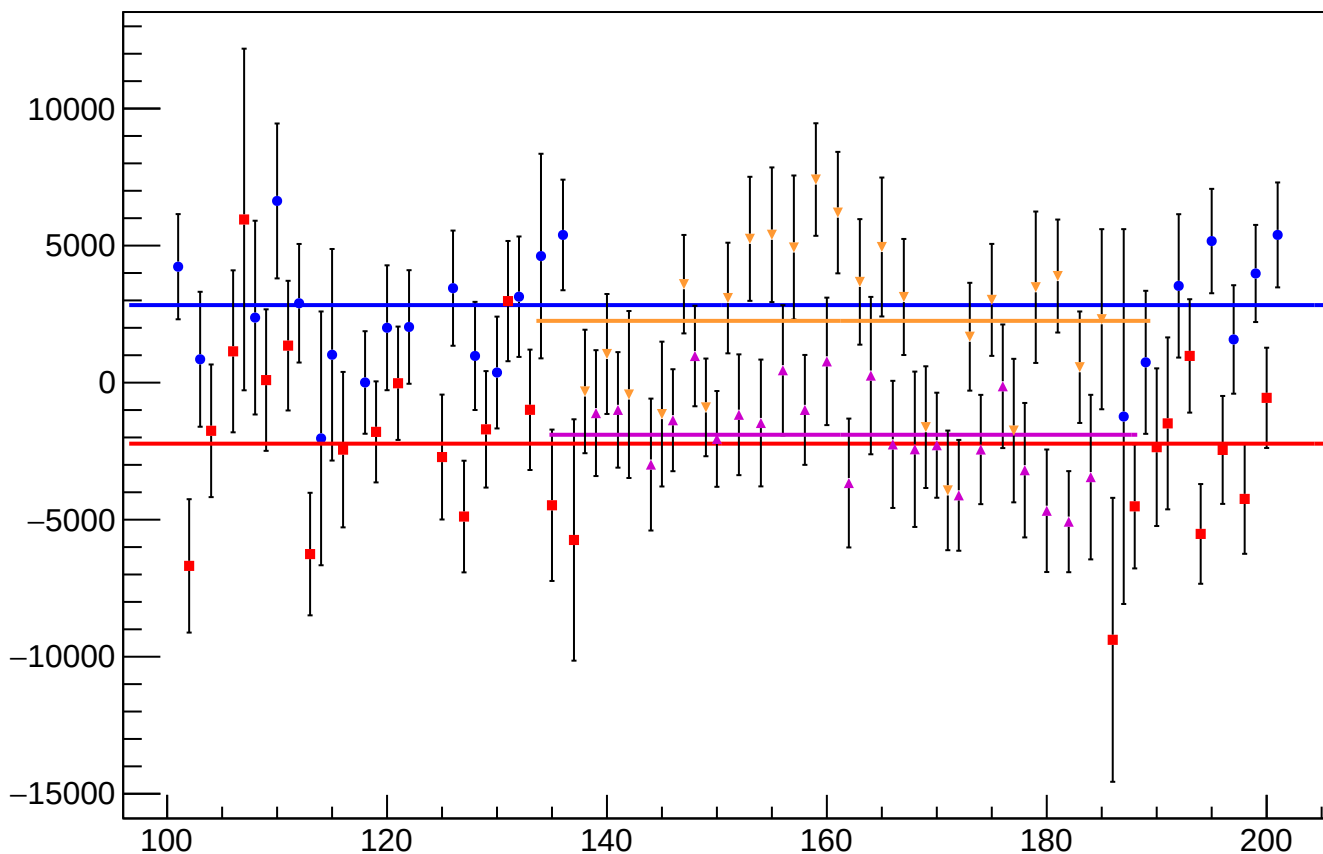
Left In: 1494.507+/-0.256 χ^2/NDF : 1096280.5/22

+ sign 1463.245+/-0.225 χ^2/NDF : 1186763.0/30

All: 1458.060+/-0.156 χ^2/NDF : 2678295.1/62

- sign 1453.263+/-0.216 χ^2/NDF : 1490509.4/31

asym_usl_mean vs Slug



Right In: 2829.016 ± 478.590 χ^2/NDF : 16.4/22

Left Out: 2253.979 ± 456.390 χ^2/NDF : 38.7/23

Right Out: -2226.516 ± 460.724 χ^2/NDF : 33.5/25

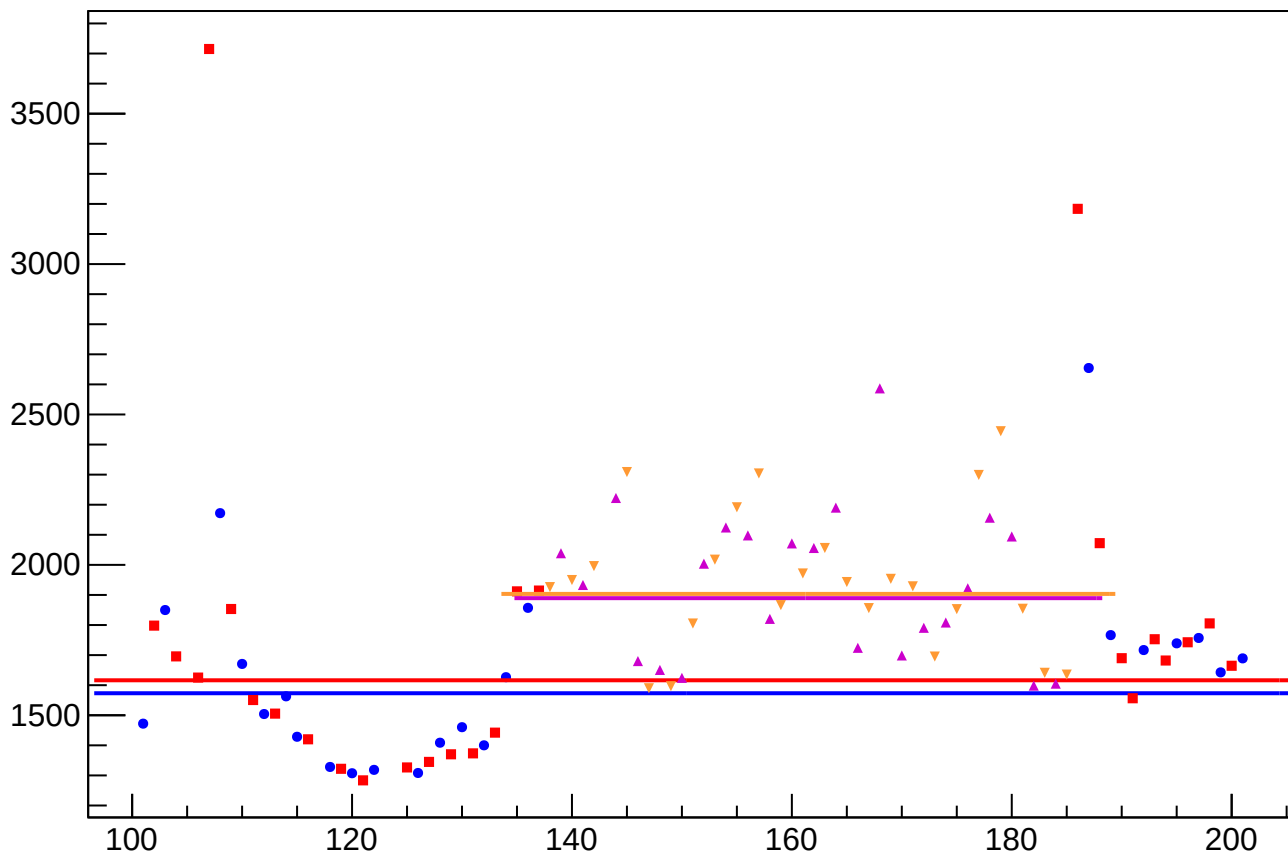
Left In: -1901.797 ± 453.879 χ^2/NDF : 13.9/22

+ sign 2527.851 ± 330.286 χ^2/NDF : 55.8/46

All: 184.252 ± 231.050 χ^2/NDF : 202.0/95

- sign -2061.726 ± 323.334 χ^2/NDF : 47.6/48

asym_usl_rms vs Slug



Right In: 1573.229+/-0.338 χ^2/NDF : 401373.0/22

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

Right Out: 1616.284+/-0.326 χ^2/NDF : 844601.6/25

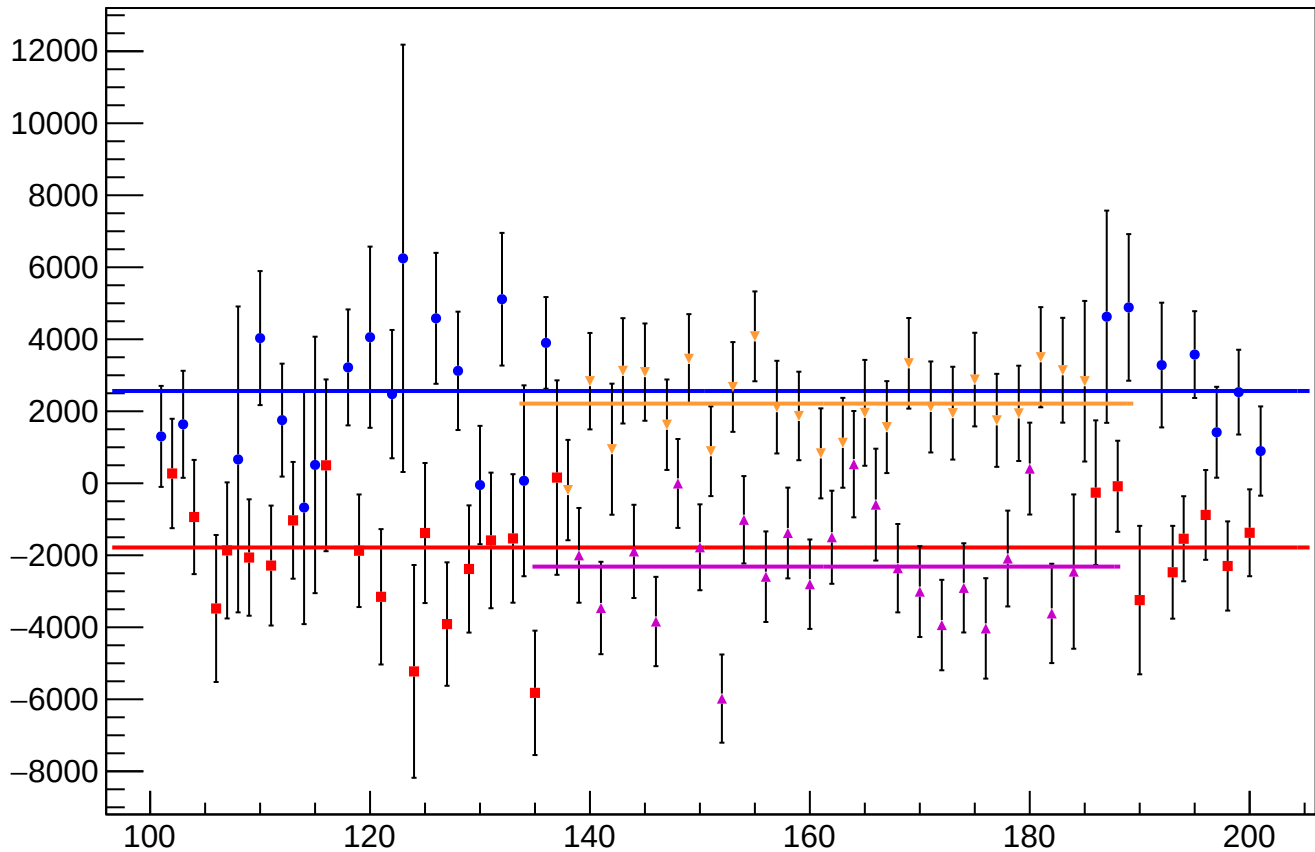
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

+ sign 1746.179+/-0.234 χ^2/NDF : 1361969.4/46

All: 1750.606+/-0.163 χ^2/NDF : 3072399.8/95

- sign 1754.849+/-0.229 χ^2/NDF : 1709726.8/48

dit_asym_usr_mean vs Slug



Right In: 2563.598 ± 348.237 χ^2/NDF : 17.6/23

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

Right Out: -1783.159 ± 318.511 χ^2/NDF : 17.7/25

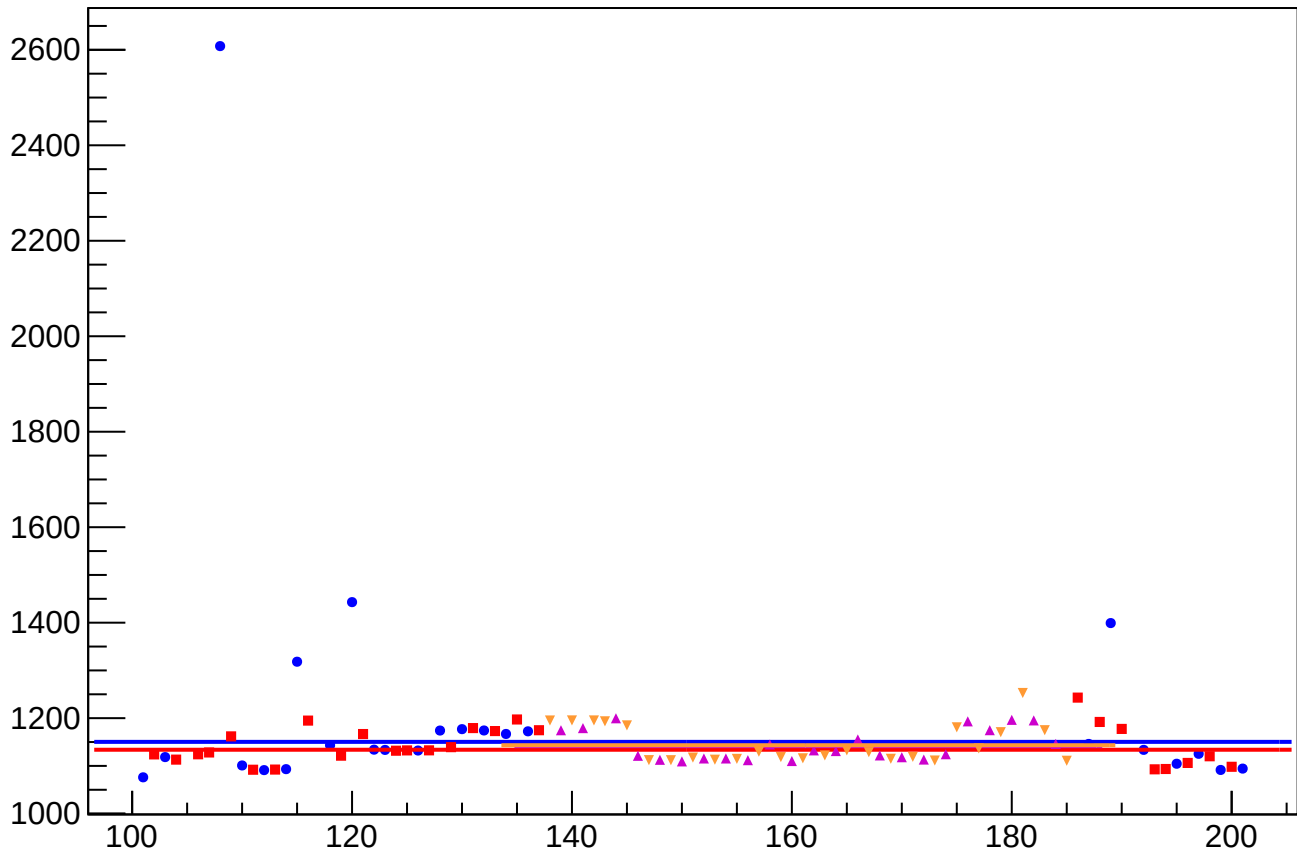
Left In: -2314.778 ± 271.873 χ^2/NDF : 31.6/22

+ sign 2342.945 ± 211.848 χ^2/NDF : 32.4/48

All: 72.511 ± 147.977 χ^2/NDF : 307.6/97

- sign -2090.703 ± 206.785 χ^2/NDF : 50.9/48

dit_asym_usr_rms vs Slug



Right In: 1150.340 ± 0.246 χ^2/NDF : 323509.1/23

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

Right Out: 1133.851 ± 0.225 χ^2/NDF : 29384.1/25

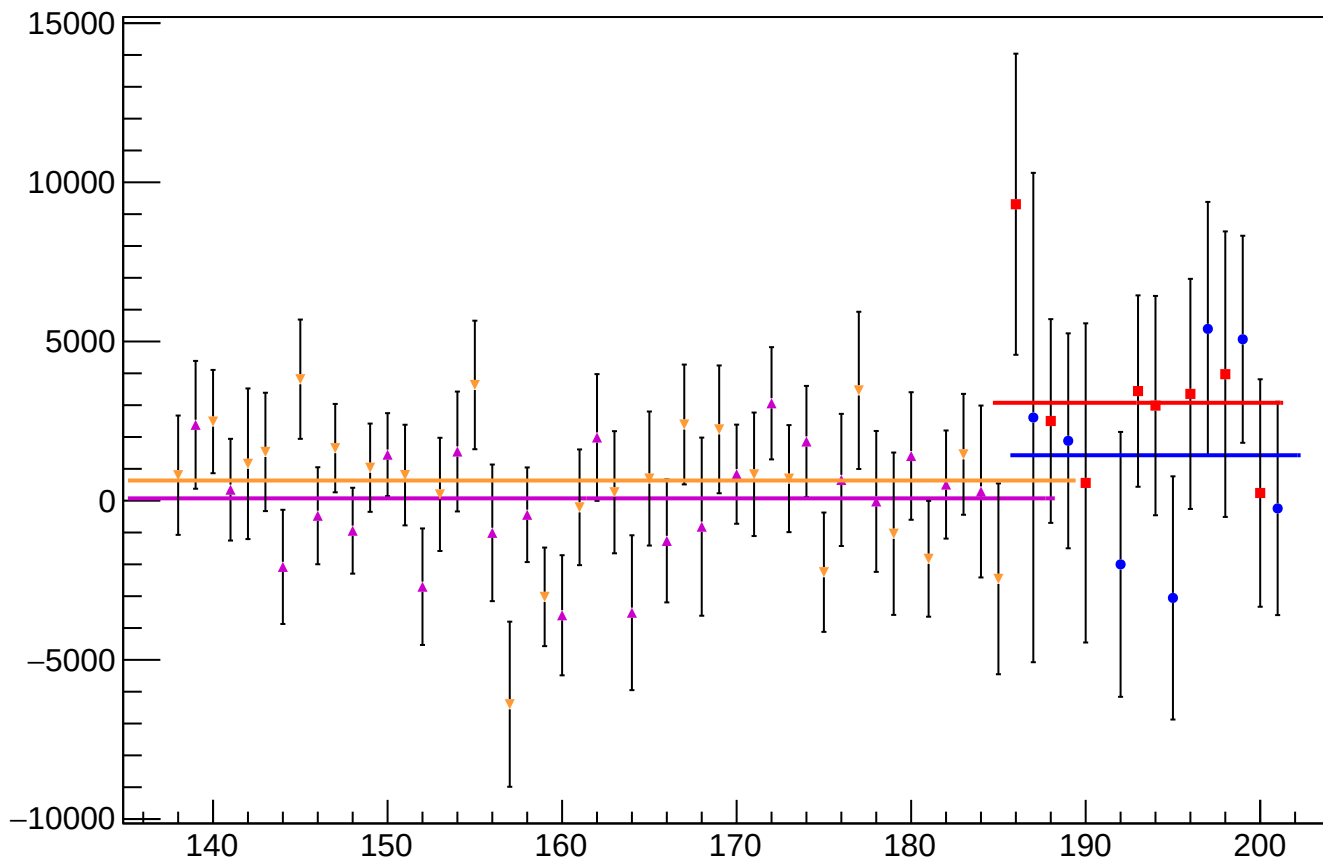
Left In: 1141.363 ± 0.192 χ^2/NDF : 28014.9/22

+ sign 1145.874 ± 0.150 χ^2/NDF : 363524.7/48

All: 1141.942 ± 0.105 χ^2/NDF : 422912.1/97

- sign 1138.197 ± 0.146 χ^2/NDF : 58042.6/48

asym_usr_correction_mean vs Slug



Right In: 1427.061+/-1447.123 χ^2/NDF : 4.6/6

Left Out: 633.748+/-371.934 χ^2/NDF : 29.3/24

Right Out: 3075.095+/-1311.095 χ^2/NDF : 2.7/7

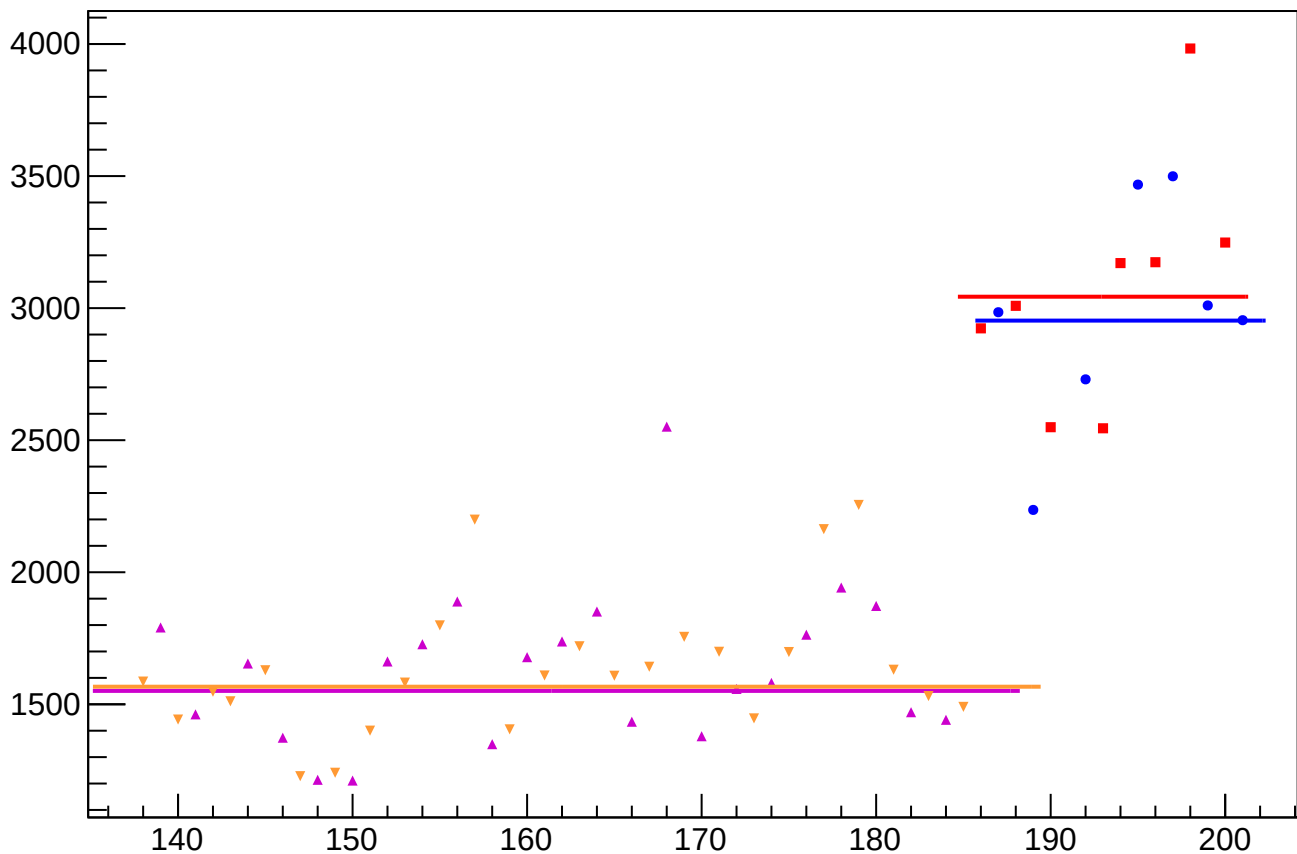
Left In: 72.962+/-375.277 χ^2/NDF : 20.1/22

+ sign 682.904+/-360.226 χ^2/NDF : 34.1/31

All: 491.900+/-254.917 χ^2/NDF : 62.4/62

- sign 300.297+/-360.789 χ^2/NDF : 27.7/30

asym_usr_correction_rms vs Slug



Right In: 2952.800+/-1.023 χ^2/NDF : 170428.2/6

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

Right Out: 3043.269+/-0.927 χ^2/NDF : 175647.7/7

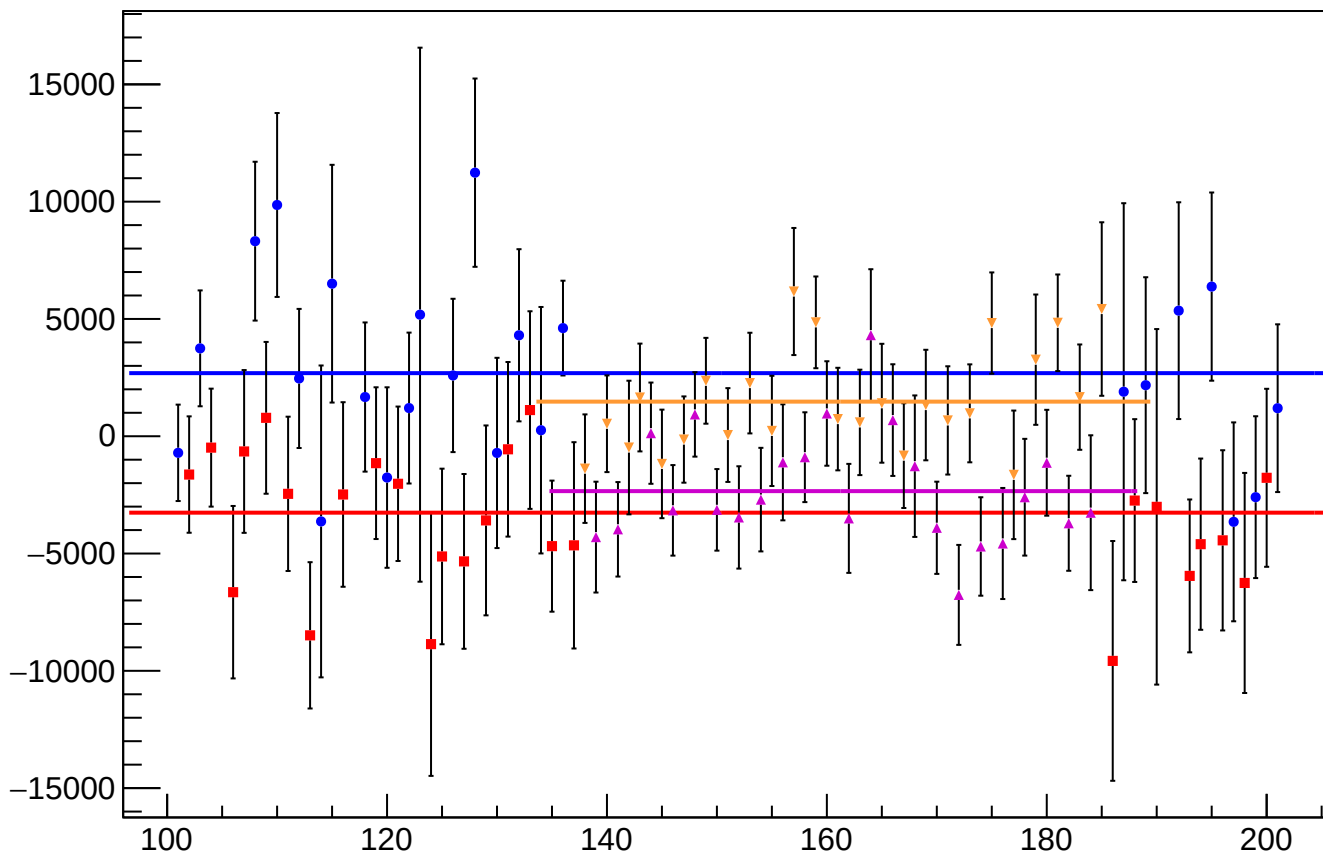
Left In: 1550.750+/-0.265 χ^2/NDF : 928652.8/22

+ sign 1652.519+/-0.255 χ^2/NDF : 2658752.7/31

All: 1658.136+/-0.180 χ^2/NDF : 6159563.6/62

- sign 1663.770+/-0.255 χ^2/NDF : 3499836.9/30

asym_usr_mean vs Slug



Right In: 2689.905 $\pm$ 714.110 χ^2 /NDF: 24.7/23

Left Out: 1475.648 $\pm$ 451.347 χ^2 /NDF:20.9/24

Right Out: -3257.992 $\pm$ 697.360 χ^2 /NDF: 14.7/25

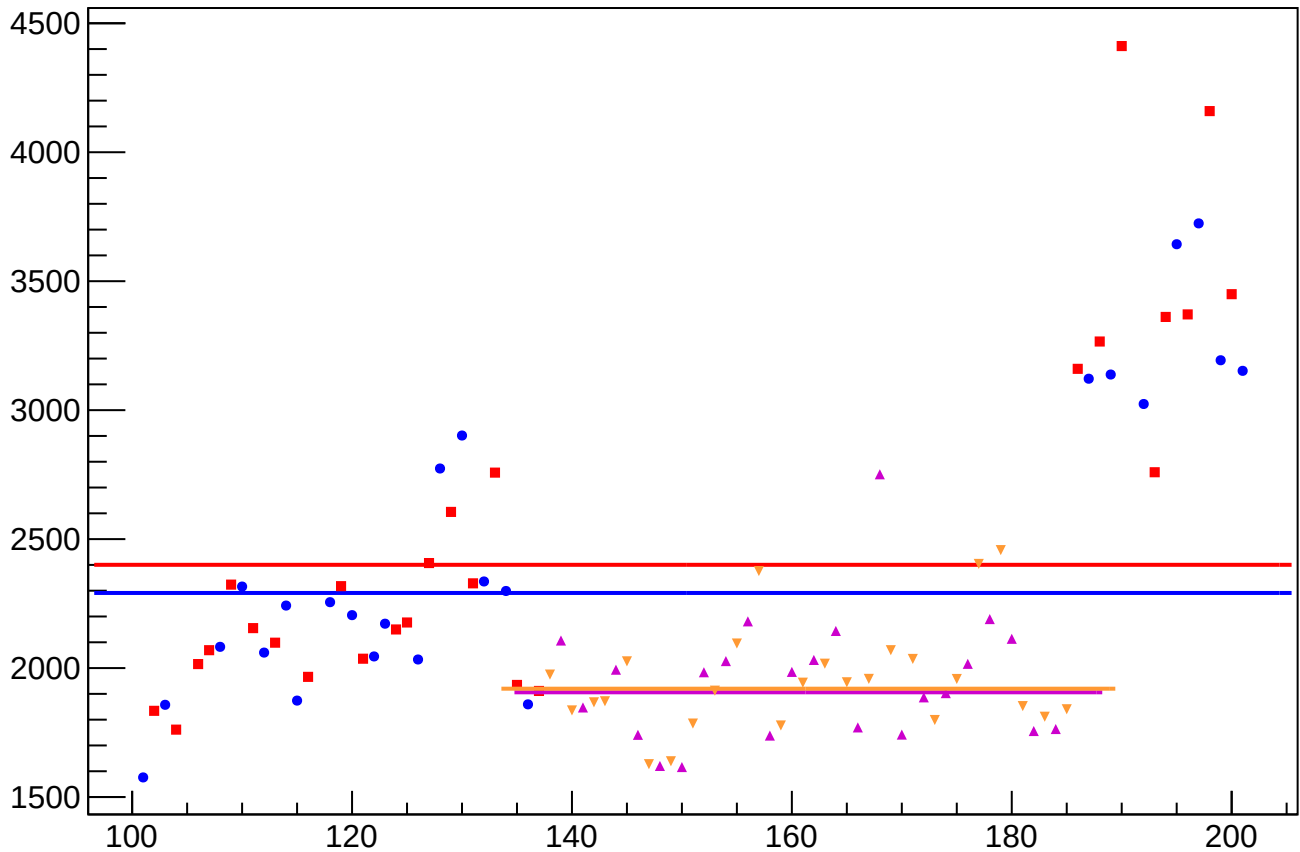
Left In: -2339.905 $\pm$ 457.448 χ^2 /NDF:25.2/22

+ sign 1822.255 $\pm$ 381.529 χ^2 /NDF: 47.7/48

All: -391.302 $\pm$ 270.124 χ^2 /NDF: 156.2/97

- sign -2616.107 $\pm$ 382.498 χ^2 /NDF: 41.1/48

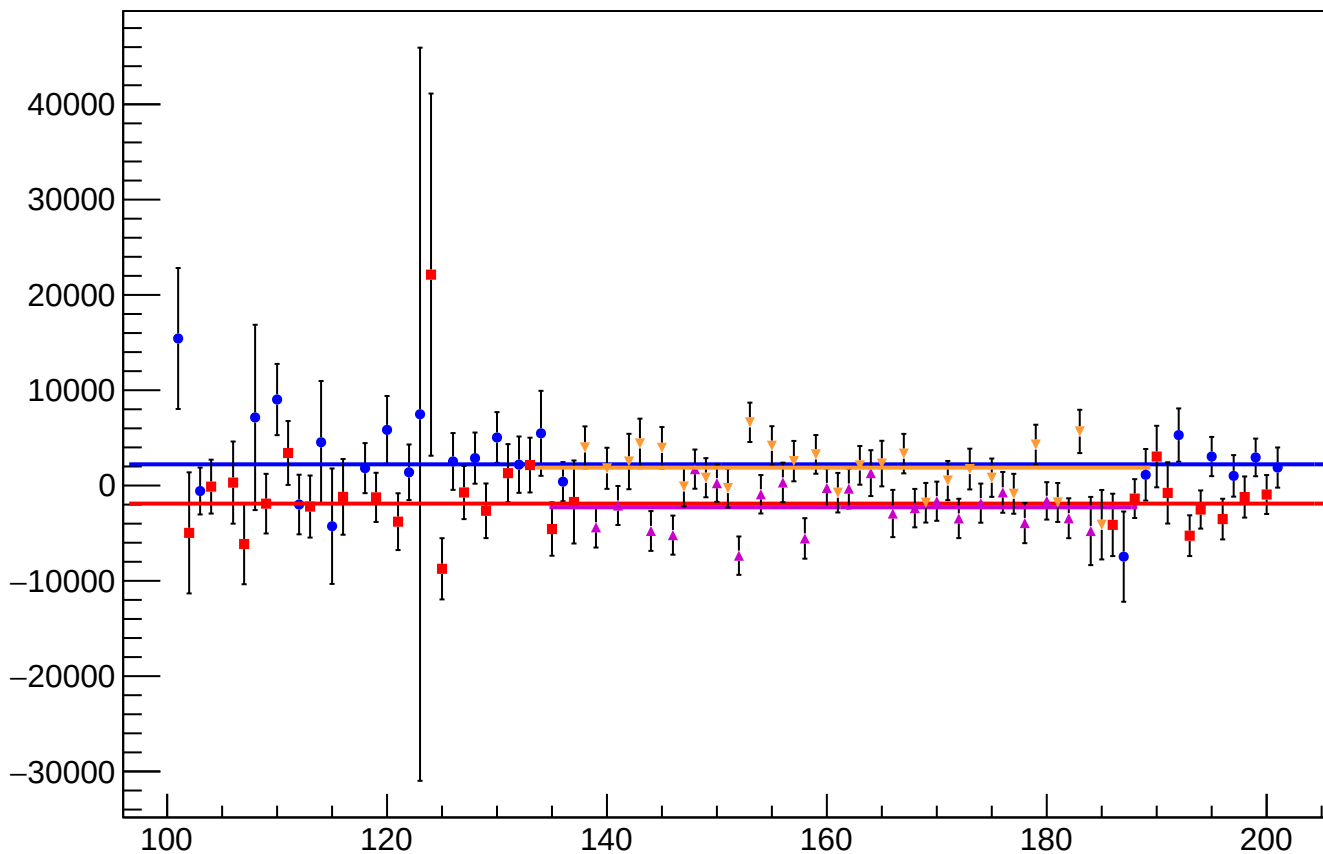
asym_usr_rms vs Slug



Right In: 2291.249 ± 0.505 χ^2/NDF : 1377006.7/23
 Left Out: 1920.082 ± 0.319 χ^2/NDF : 365919.7/24
 Right Out: 2400.380 ± 0.493 χ^2/NDF : 1500868.5/25
 Left In: 1906.043 ± 0.323 χ^2/NDF : 451054.7/22

+ sign 2026.031 ± 0.270 χ^2/NDF : 2129002.8/48
 All: 2040.360 ± 0.191 χ^2/NDF : 4789225.9/97
 - sign 2054.762 ± 0.270 χ^2/NDF : 2654566.8/48

dit_asym_at1_avg_mean vs Slug



Right In: 2225.943 $\pm$ 598.255 χ^2 /NDF: 21.0/23

Left Out: 1875.290 $\pm$ 433.245 χ^2 /NDF:30.0/24

Right Out: -1897.009 $\pm$ 550.536 χ^2 /NDF: 21.8/26

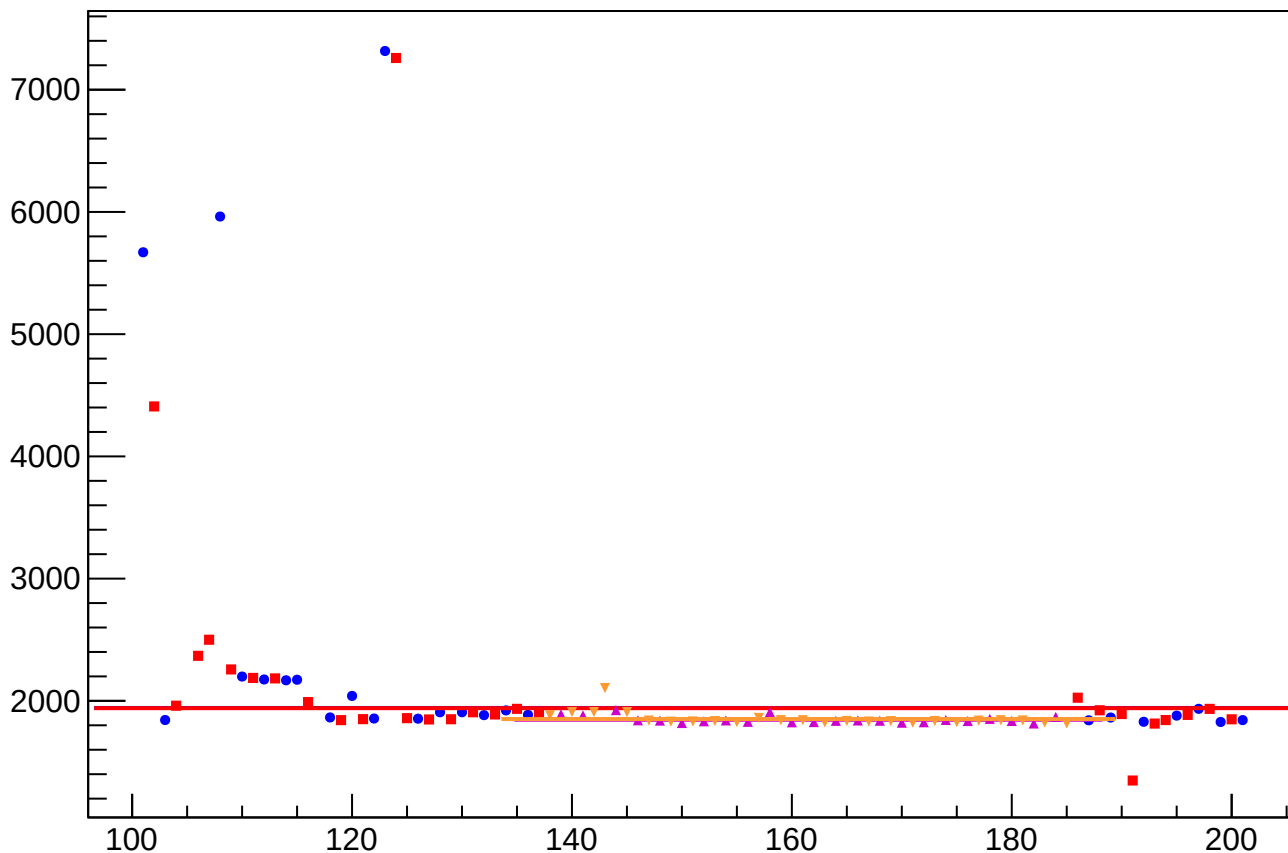
Left In: -2286.268 $\pm$ 441.005 χ^2 /NDF:27.3/22

+ sign 1995.922 $\pm$ 350.896 χ^2 /NDF: 51.2/48

All: -108.933 $\pm$ 245.716 χ^2 /NDF: 171.2/98

- sign -2134.120 $\pm$ 344.191 χ^2 /NDF: 49.4/49

dit_asym_at1_avg_rms vs Slug



Right In: 1941.833+/-0.423 χ^2/NDF : 947157.5/23

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

Right Out: 1940.099+/-0.389 χ^2/NDF : 654983.3/26

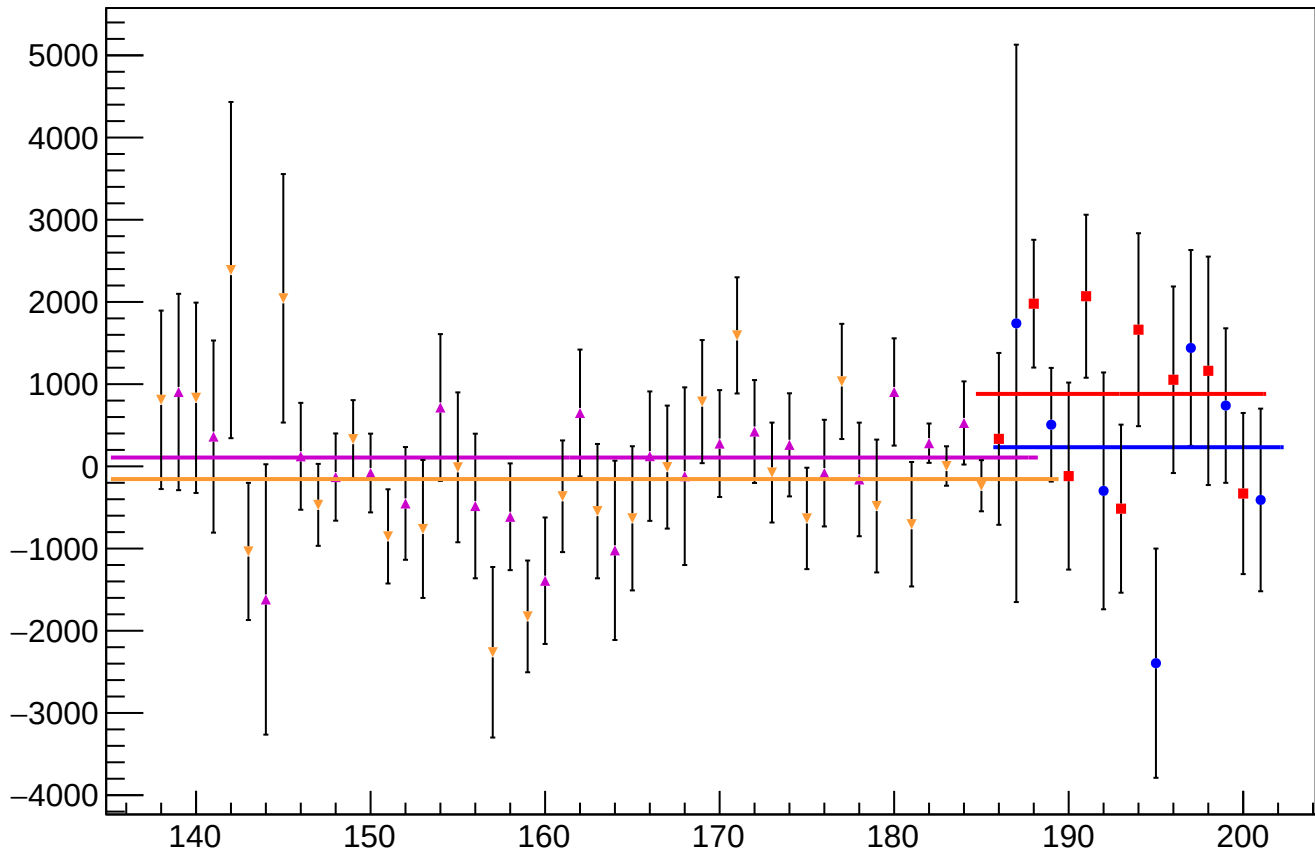
Left In: 1845.411+/-0.312 χ^2/NDF : 8318.8/22

+ sign 1882.292+/-0.248 χ^2/NDF : 1003608.9/48

All: 1882.358+/-0.174 χ^2/NDF : 1702949.0/98

- sign 1882.421+/-0.243 χ^2/NDF : 699340.0/49

asym_at1_avg_correction_mean vs Slug



Right In: 232.888 $\pm$ 414.449 χ^2 /NDF: 5.7/6

Left Out: -154.845 $\pm$ 119.654 χ^2 /NDF:33.0/24

Right Out: 881.469 $\pm$ 345.476 χ^2 /NDF: 8.4/8

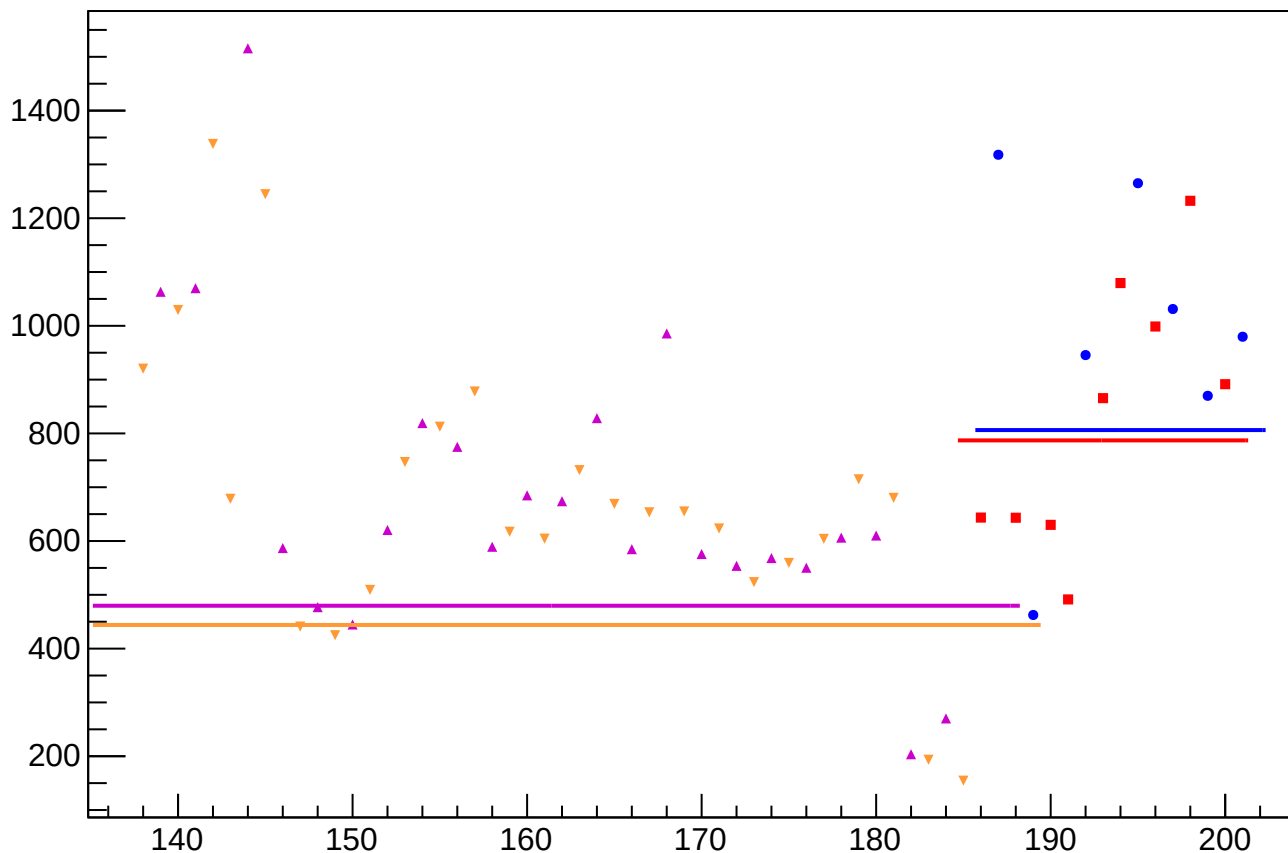
Left In: 107.387 $\pm$ 127.580 χ^2 /NDF:13.5/22

+ sign -125.014 $\pm$ 114.959 χ^2 /NDF: 39.5/31

All: 31.092 $\pm$ 82.907 χ^2 /NDF: 69.6/63

- sign 200.283 $\pm$ 119.680 χ^2 /NDF: 26.3/31

asym_at1_avg_correction_rms vs Slug



Right In: 806.213+/-0.293 χ^2/NDF : 904358.9/6

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

Right Out: 787.031+/-0.244 χ^2/NDF : 755635.6/8

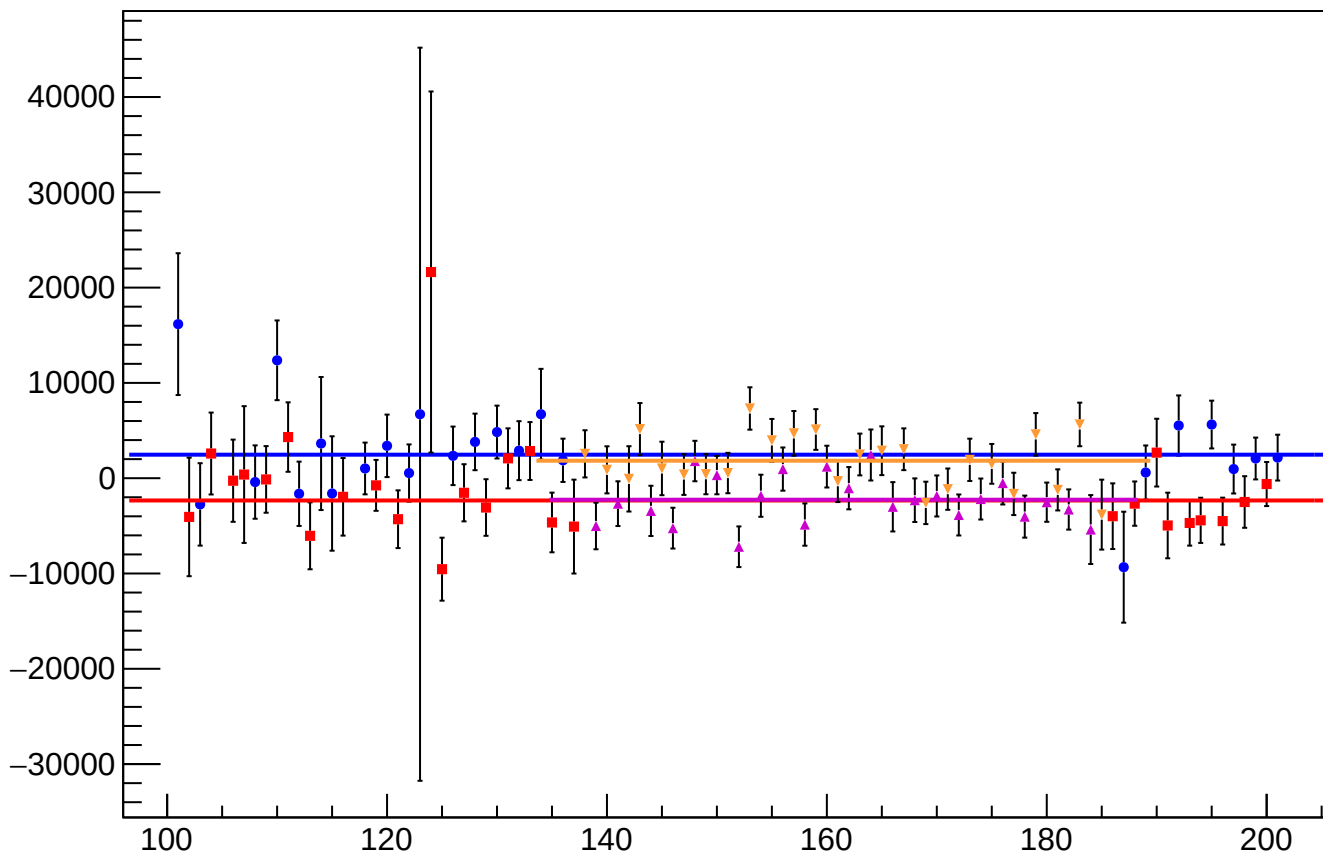
Left In: 479.723+/-0.090 χ^2/NDF : 6734597.7/22

+ sign 471.833+/-0.081 χ^2/NDF : 10887885.4/31

All: 493.317+/-0.059 χ^2/NDF : 19916267.5/63

- sign 516.602+/-0.085 χ^2/NDF : 8882820.7/31

asym_at1_avg_mean vs Slug



Right In: 2467.159 $\pm$ 657.915 χ^2 /NDF: 23.1/23

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

Right Out: -2337.462 $\pm$ 614.456 χ^2 /NDF: 25.6/26

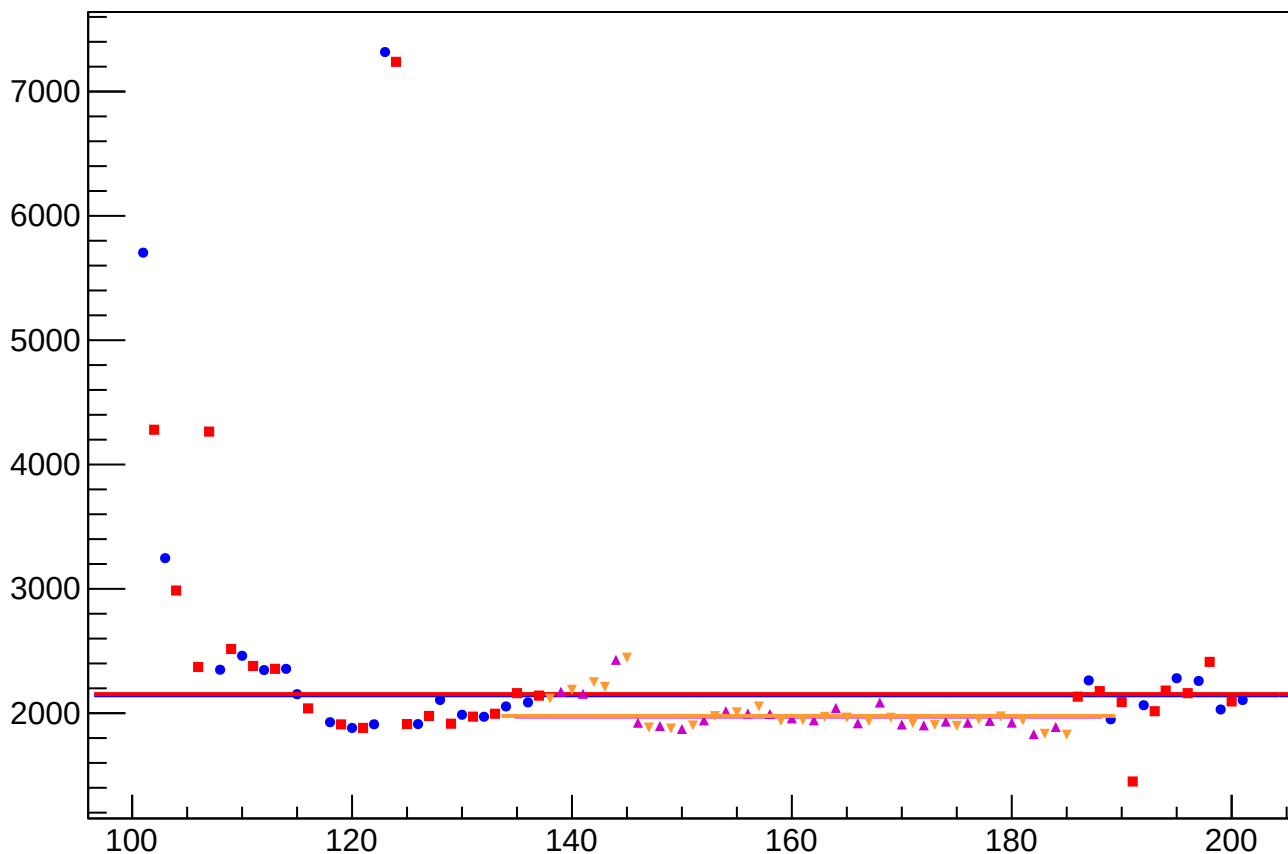
Left In: -2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

+ sign 2044.663 $\pm$ 379.063 χ^2 /NDF: 56.5/48

All: -148.500 $\pm$ 266.400 χ^2 /NDF: 174.5/98

- sign -2288.883 $\pm$ 374.474 χ^2 /NDF: 51.9/49

asym_at1_avg_rms vs Slug



Right In: 2143.991 $\pm$ 0.465 χ^2 /NDF: 741753.1/23

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

Right Out: 2153.734 $\pm$ 0.434 χ^2 /NDF: 854884.3/26

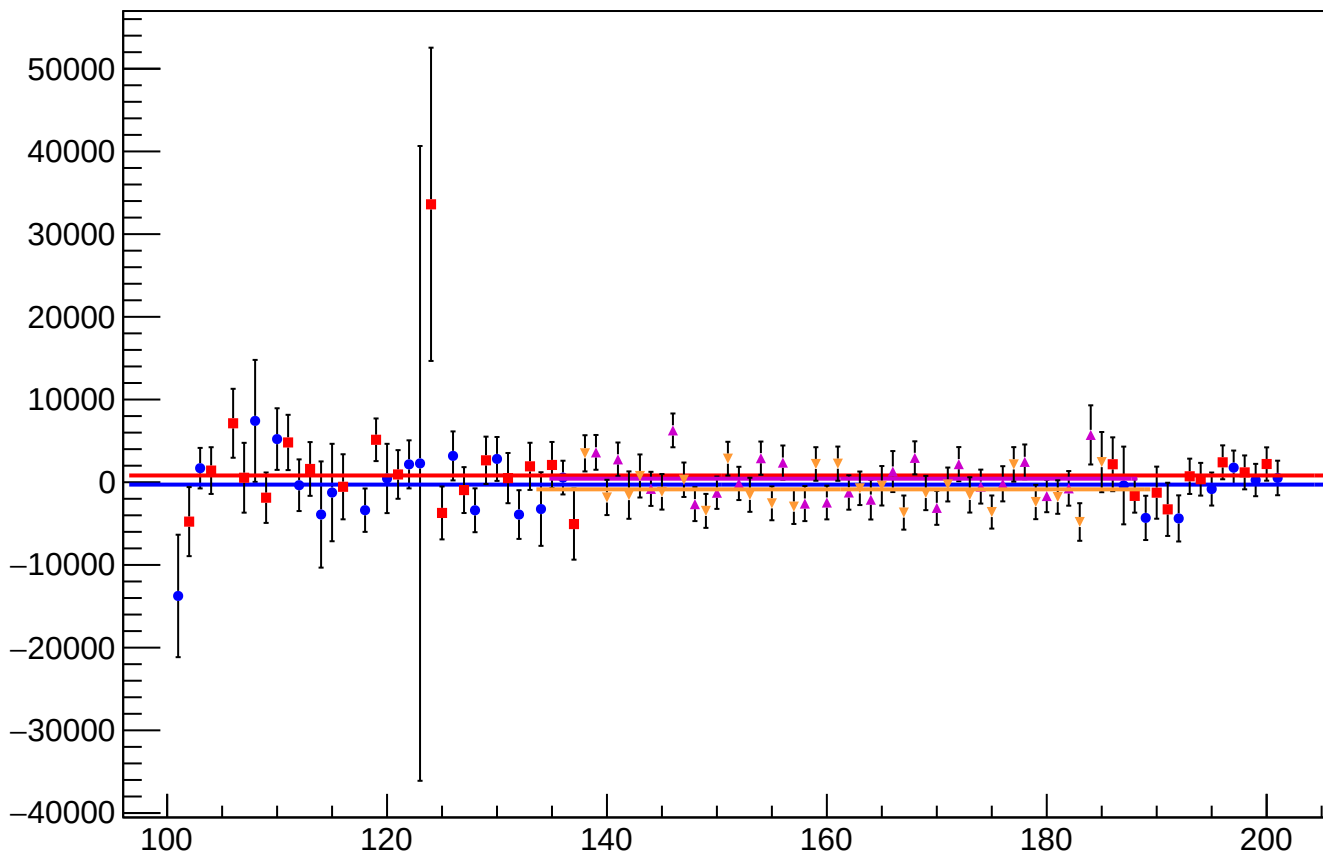
Left In: 1973.216 $\pm$ 0.334 χ^2 /NDF:120479.3/22

+ sign 2033.132 $\pm$ 0.268 χ^2 /NDF: 964454.1/48

All: 2036.741 $\pm$ 0.188 χ^2 /NDF: 2048681.1/96

- sign 2040.264 $\pm$ 0.265 χ^2 /NDF: 1083868.7/49

dit_asym_at1_dd_mean vs Slug



Right In: -286.509+/-592.694 χ^2/NDF : 21.7/23

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

Right Out: 818.373+/-540.863 χ^2/NDF : 22.3/26

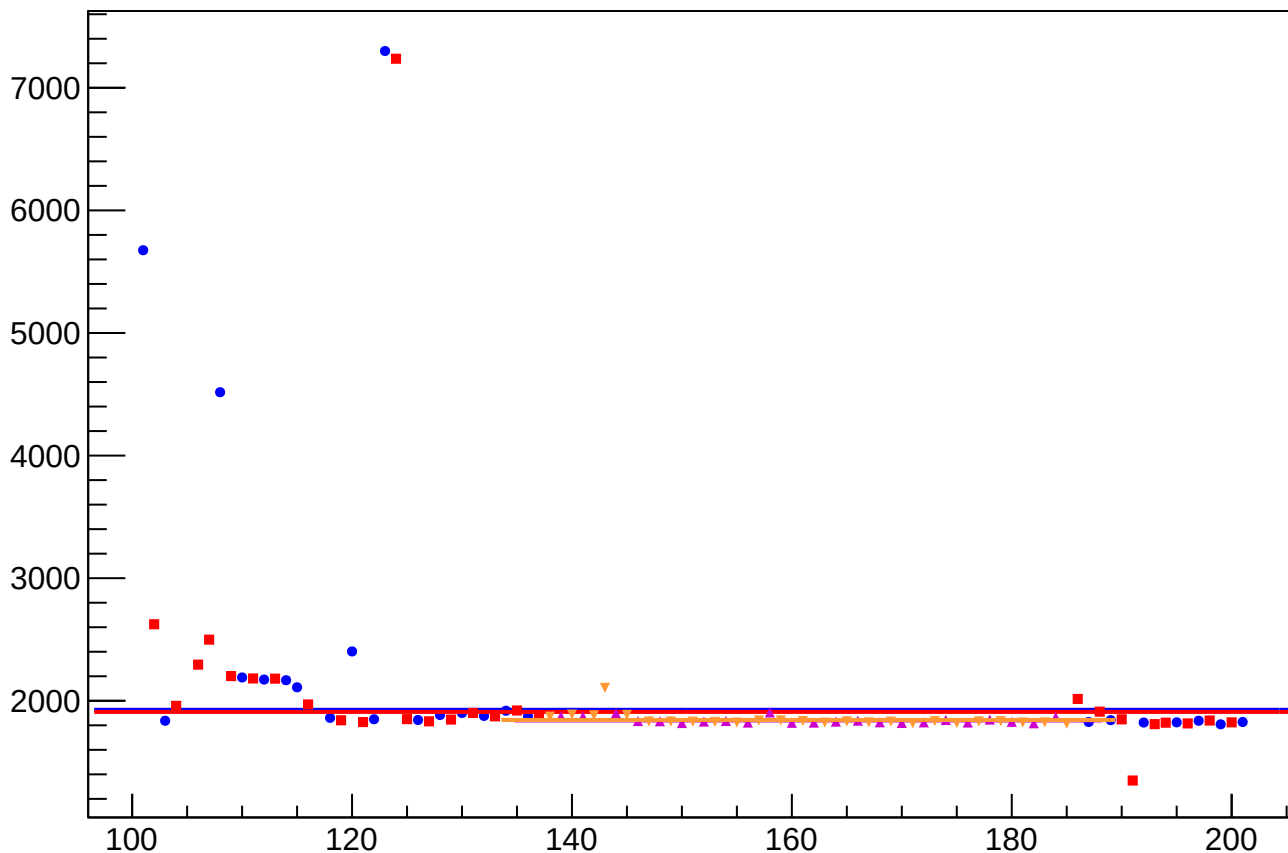
Left In: 427.682+/-439.561 χ^2/NDF : 33.7/22

+ sign -660.462+/-348.825 χ^2/NDF : 49.1/48

All: -24.794+/-243.885 χ^2/NDF : 111.9/98

- sign 583.086+/-341.116 χ^2/NDF : 56.3/49

dit_asym_at1_dd_rms vs Slug



Right In: 1926.647 $\pm$ 0.419 χ^2 /NDF: 888122.5/23

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

Right Out: 1909.273 $\pm$ 0.382 χ^2 /NDF: 408235.5/26

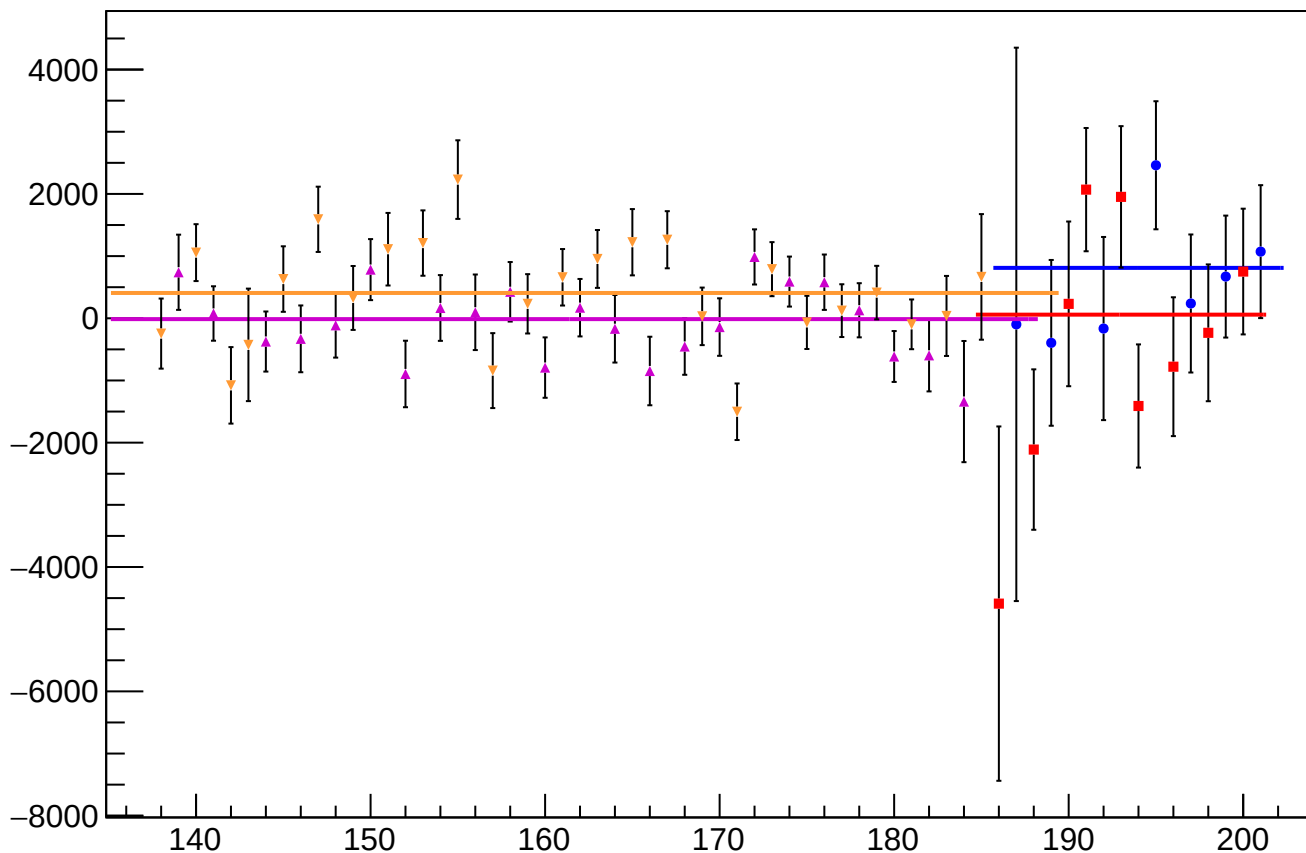
Left In: 1839.431 $\pm$ 0.311 χ^2 /NDF: 6418.5/22

+ sign 1872.323 $\pm$ 0.247 χ^2 /NDF: 938802.3/48

All: 1869.710 $\pm$ 0.172 χ^2 /NDF: 1373759.8/98

- sign 1867.212 $\pm$ 0.241 χ^2 /NDF: 434738.1/49

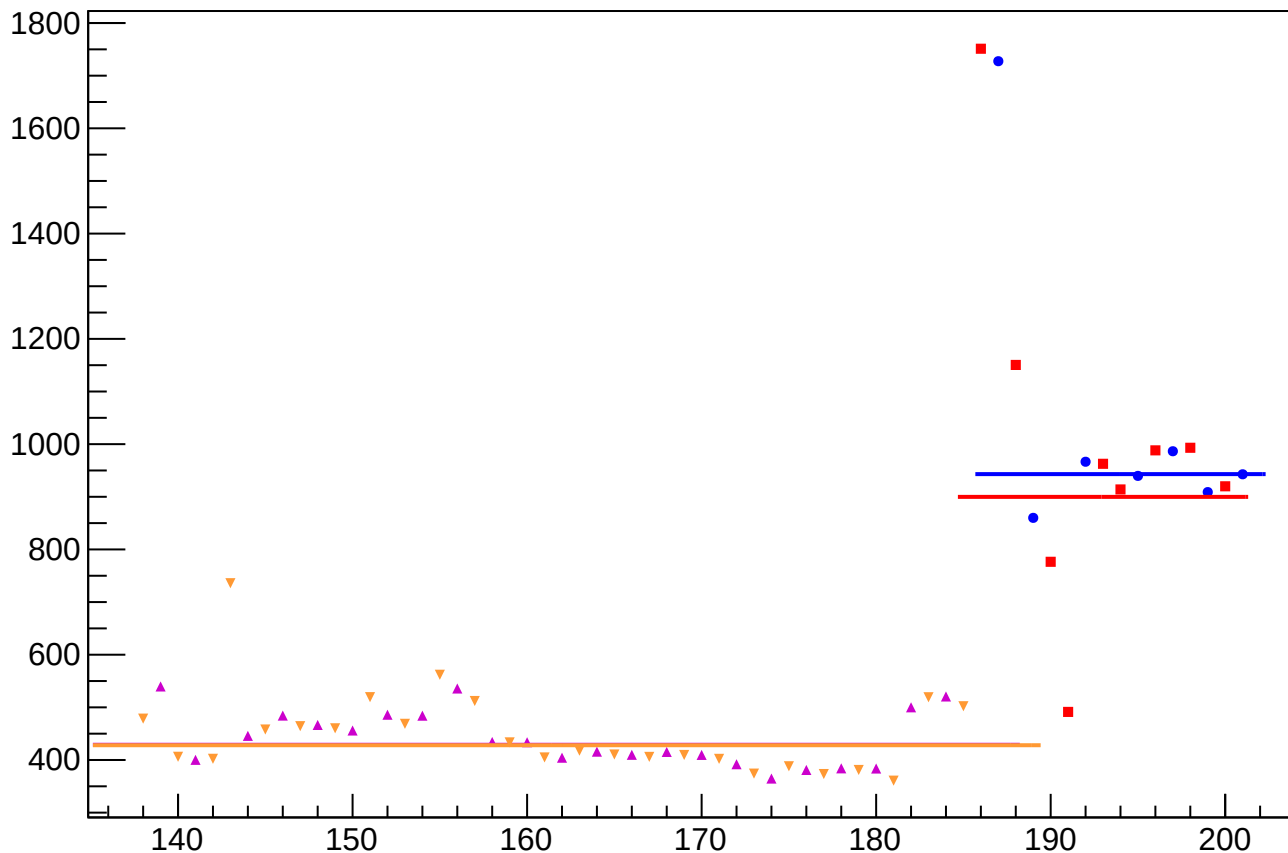
asym_at1_dd_correction_mean vs Slug



Right In: 810.797 ± 459.129 χ^2/NDF : 4.2/6
Left Out: 407.320 ± 101.221 χ^2/NDF : 62.1/24
Right Out: 58.540 ± 386.017 χ^2/NDF : 15.7/8
Left In: -13.395 ± 102.912 χ^2/NDF : 29.2/22

+ sign 426.022 ± 98.848 χ^2/NDF : 67.1/31
All: 209.997 ± 70.104 χ^2/NDF : 121.7/63
- sign -8.621 ± 99.439 χ^2/NDF : 45.0/31

asym_at1_dd_correction_rms vs Slug



Right In: 943.083+/-0.325 χ^2/NDF : 75938.9/6

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

Right Out: 899.845+/-0.273 χ^2/NDF : 645278.2/8

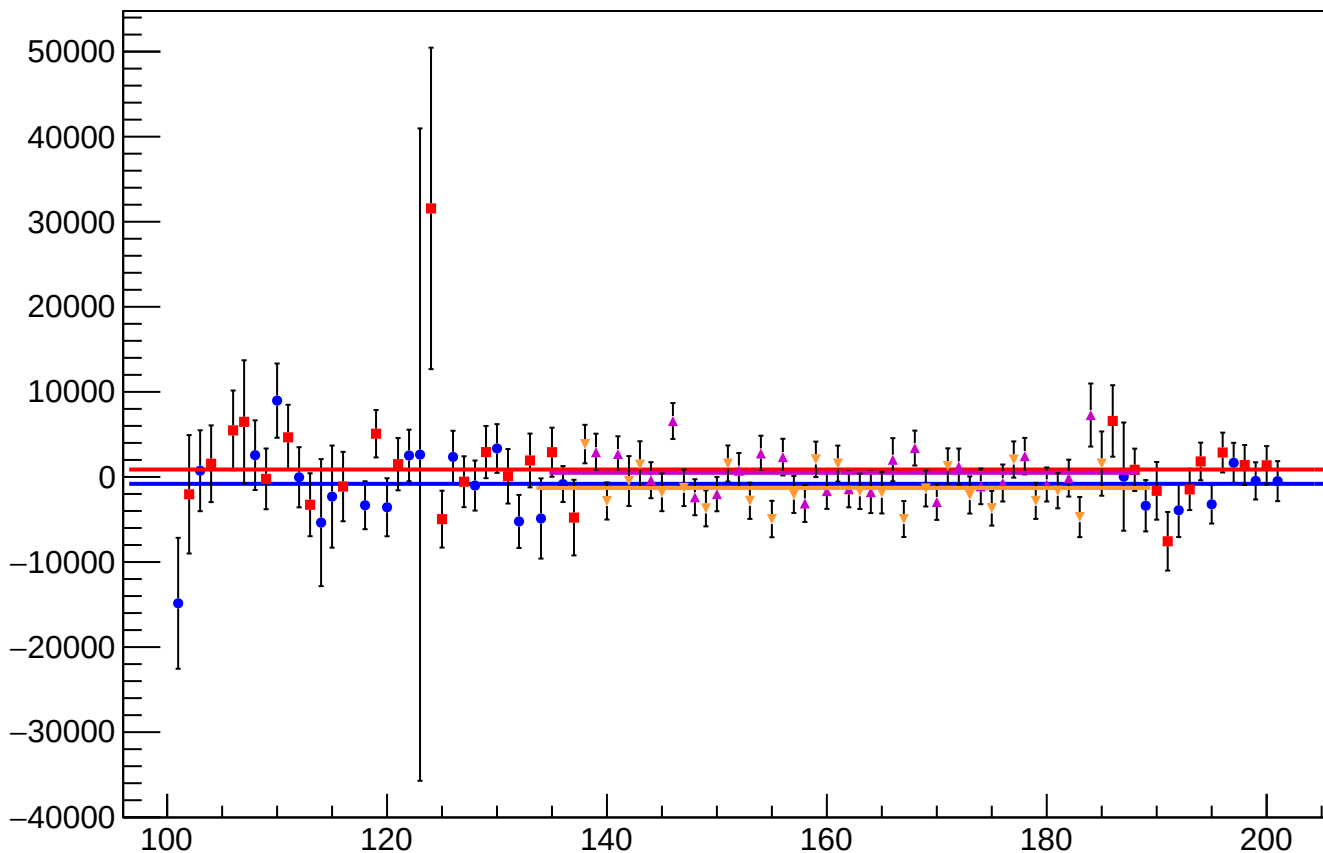
Left In: 428.926+/-0.073 χ^2/NDF : 418755.3/22

+ sign 451.924+/-0.070 χ^2/NDF : 3180695.3/31

All: 456.026+/-0.050 χ^2/NDF : 7030655.2/63

- sign 460.176+/-0.070 χ^2/NDF : 3843032.6/31

asym_at1_dd_mean vs Slug



Right In: -808.593 ± 653.928 χ^2/NDF : 22.2/23

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

Right Out: 874.103 ± 614.035 χ^2/NDF : 25.6/26

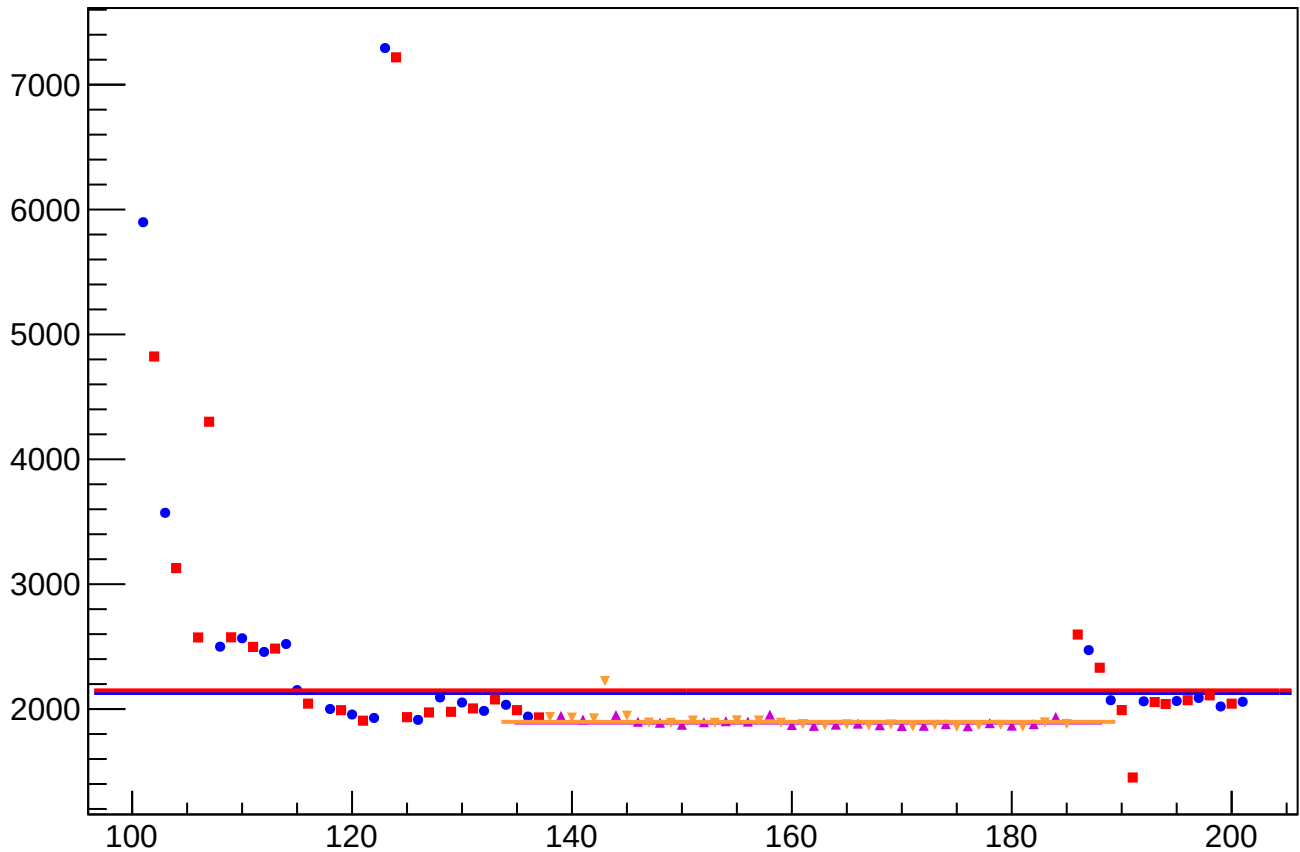
Left In: 485.827 ± 452.020 χ^2/NDF : 32.4/22

+ sign -1140.867 ± 367.416 χ^2/NDF : 52.2/48

All: -251.108 ± 258.594 χ^2/NDF : 122.1/98

- sign 622.288 ± 364.022 χ^2/NDF : 58.3/49

asym_at1_dd_rms vs Slug



Right In: 2128.816 $\pm$ 0.462 χ^2 /NDF: 827042.3/23

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

Right Out: 2149.590 $\pm$ 0.434 χ^2 /NDF: 980232.4/26

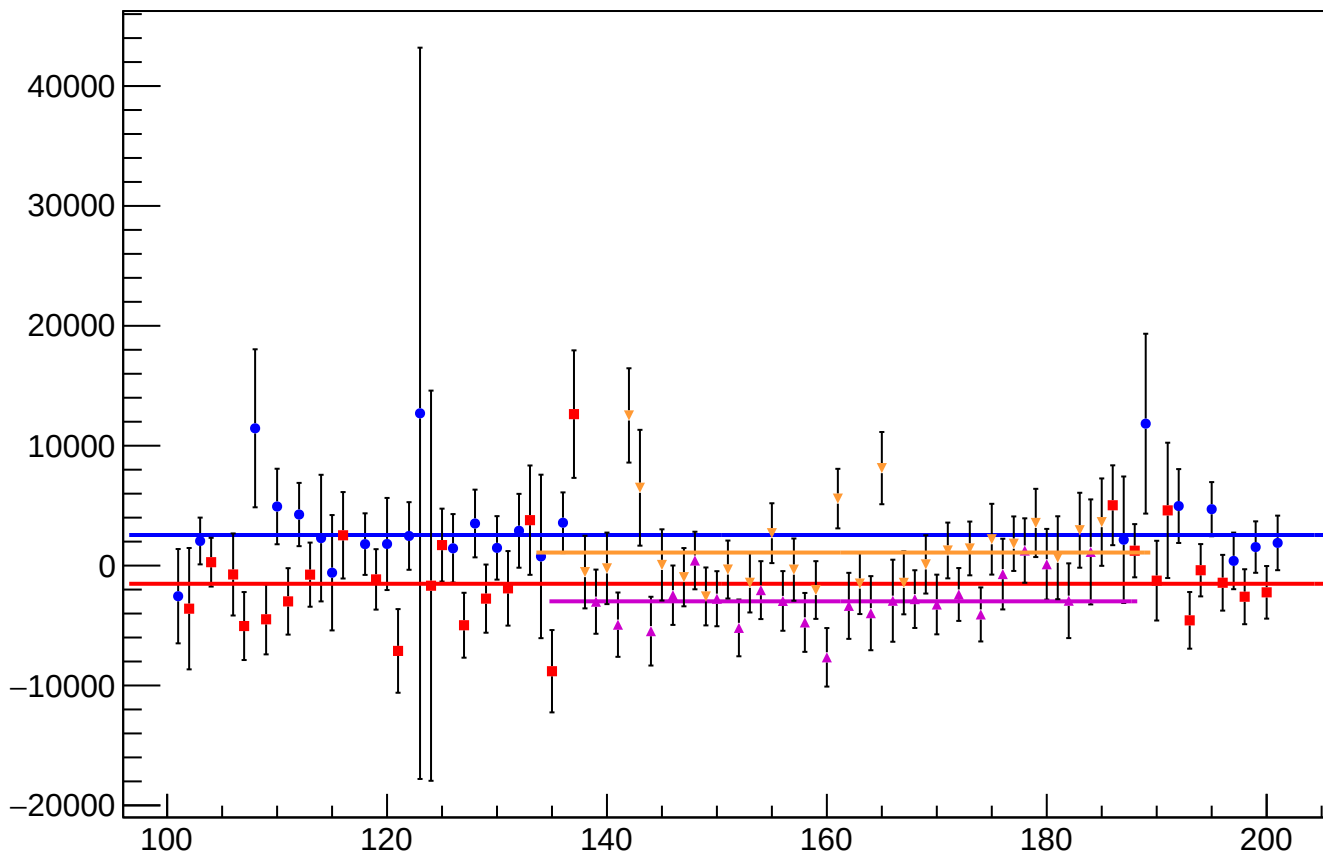
Left In: 1891.722 $\pm$ 0.320 χ^2 /NDF: 7584.2/22

+ sign 1970.640 $\pm$ 0.260 χ^2 /NDF: 1033132.7/48

All: 1976.550 $\pm$ 0.183 χ^2 /NDF: 2250733.6/98

- sign 1982.351 $\pm$ 0.257 χ^2 /NDF: 1216575.5/49

dit_asym_at2_avg_mean vs Slug



Right In: 2551.792 $\pm$ 615.589 χ^2 /NDF: 10.1/23

Left Out: 1087.902 $\pm$ 540.984 χ^2 /NDF: 29.9/24

Right Out: -1517.101 $\pm$ 556.799 χ^2 /NDF: 32.6/26

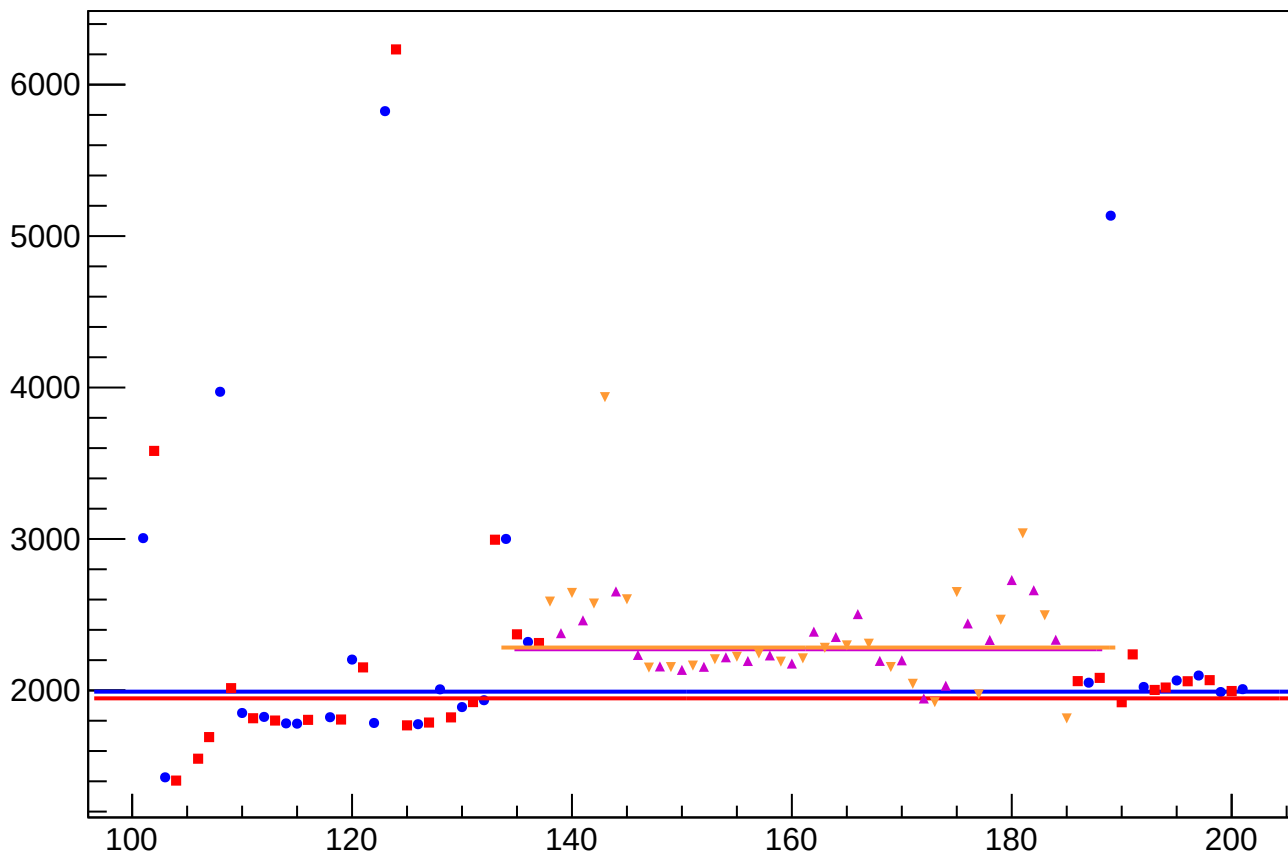
Left In: -2981.160 $\pm$ 546.107 χ^2 /NDF: 14.0/22

+ sign 1725.809 $\pm$ 406.364 χ^2 /NDF: 43.2/48

All: -351.299 $\pm$ 281.334 χ^2 /NDF: 143.5/98

- sign -2263.323 $\pm$ 389.881 χ^2 /NDF: 50.1/49

dit_asym_at2_avg_rms vs Slug



Right In: 1991.962 $\pm$ 0.435 χ^2 /NDF: 1008031.4/23

Left Out: 2283.204 $\pm$ 0.383 χ^2 /NDF: 634430.6/24

Right Out: 1947.648 $\pm$ 0.394 χ^2 /NDF: 753809.6/26

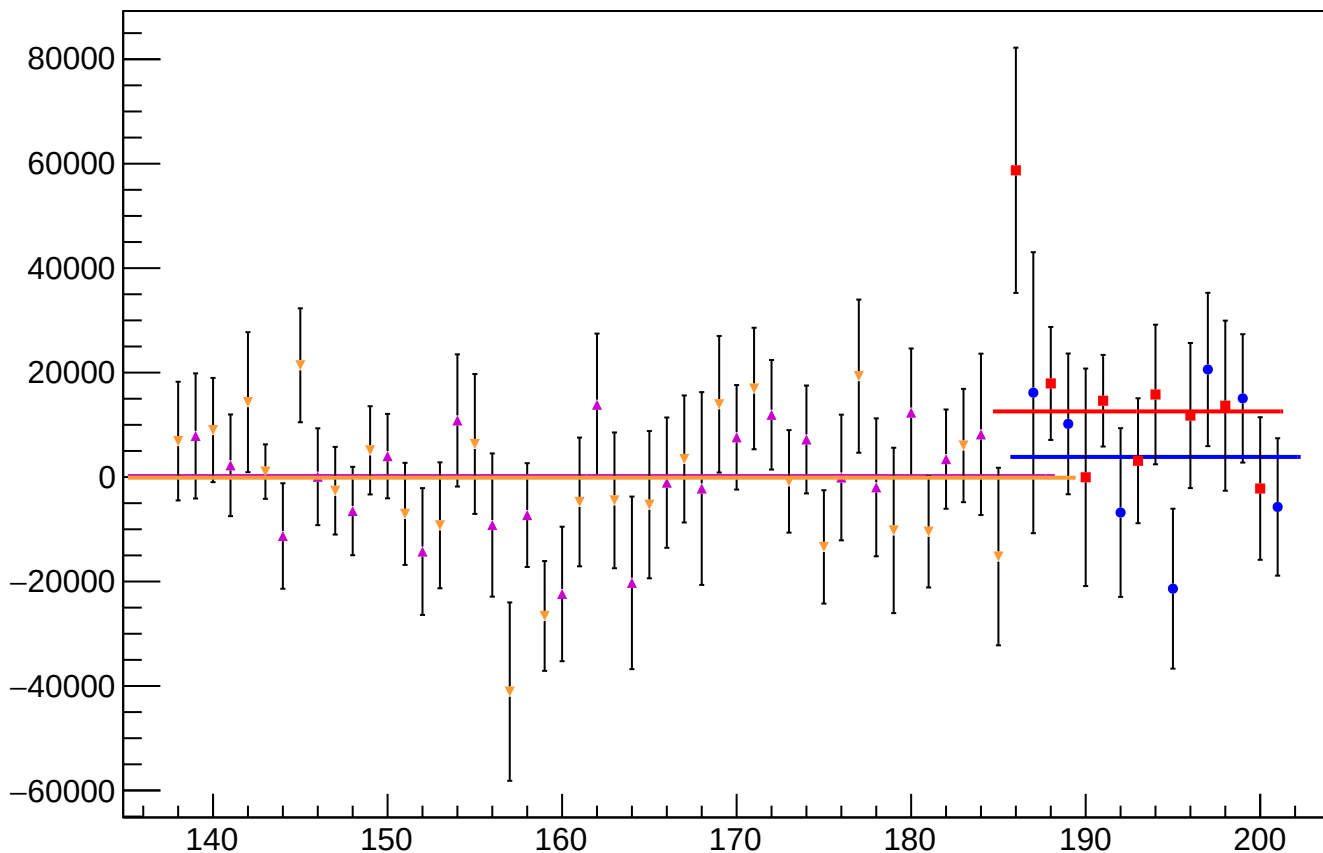
Left In: 2271.946 $\pm$ 0.386 χ^2 /NDF: 243546.3/22

+ sign 2156.292 $\pm$ 0.287 χ^2 /NDF: 1895054.5/48

All: 2133.709 $\pm$ 0.199 χ^2 /NDF: 3250114.1/98

- sign 2112.923 $\pm$ 0.276 χ^2 /NDF: 1343197.7/49

asym_at2_avg_correction_mean vs Slug



Right In: 3855.960 $\pm$ 5587.748 χ^2 /NDF: 6.2/6

Left Out: -124.370 $\pm$ 2141.976 χ^2 /NDF:29.7/24

Right Out: 12568.169 $\pm$ 4361.164 χ^2 /NDF: 6.4/8

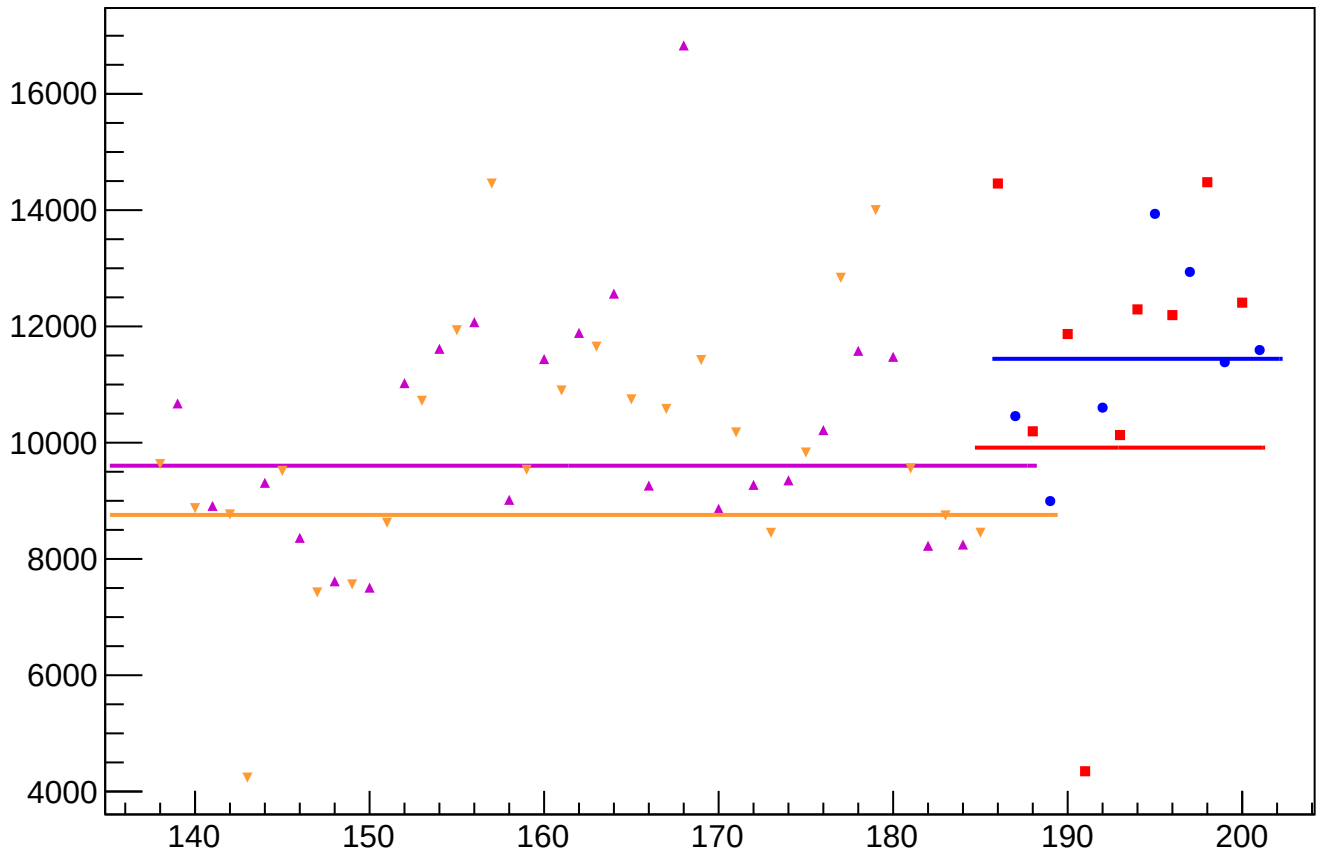
Left In: 185.013 $\pm$ 2330.398 χ^2 /NDF:15.0/22

+ sign 385.585 $\pm$ 2000.061 χ^2 /NDF: 36.4/31

All: 1625.758 $\pm$ 1433.409 χ^2 /NDF: 64.9/63

- sign 2935.462 $\pm$ 2055.363 χ^2 /NDF: 27.7/31

asym_at2_avg_correction_rms vs Slug



Right In: 11442.821+/-3.951 χ^2/NDF : 148153.8/6

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

Right Out: 9915.076+/-3.084 χ^2/NDF : 1241425.1/8

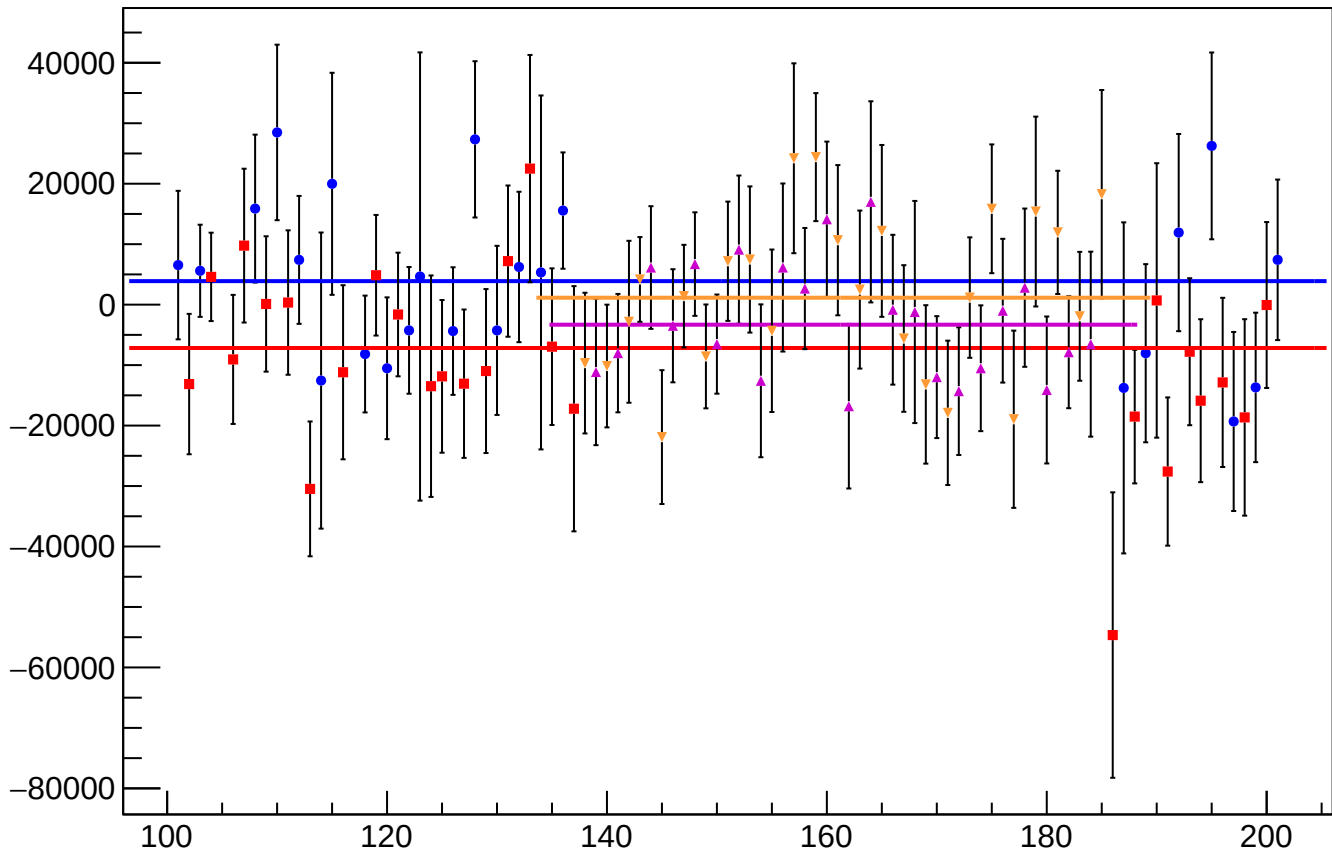
Left In: 9604.027+/-1.648 χ^2/NDF : 1095805.7/22

+ sign 9101.818+/-1.414 χ^2/NDF : 3329885.9/31

All: 9379.677+/-1.014 χ^2/NDF : 5754396.0/63

- sign 9673.115+/-1.453 χ^2/NDF : 2345144.8/31

asym_at2_avg_mean vs Slug



Right In: 3888.794 $\pm$ 2618.167 χ^2 /NDF: 22.6/23

Left Out: 1145.185 $\pm$ 2232.341 χ^2 /NDF:27.9/24

Right Out: -7167.075 $\pm$ 2406.988 χ^2 /NDF: 25.6/26

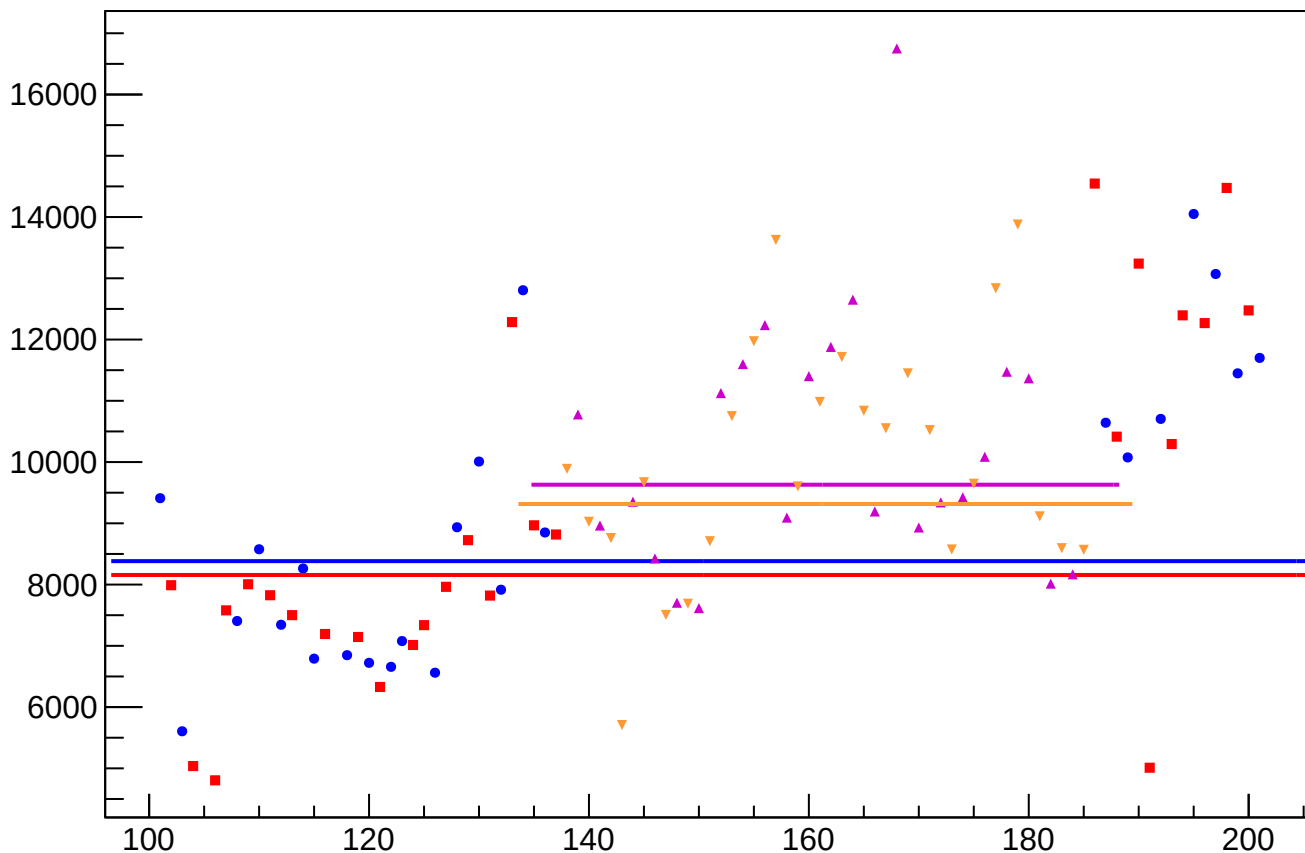
Left In: -3316.960 $\pm$ 2336.196 χ^2 /NDF:13.4/22

+ sign 2300.126 $\pm$ 1698.698 χ^2 /NDF: 51.1/48

All: -1491.647 $\pm$ 1193.202 χ^2 /NDF: 101.4/98

- sign -5184.568 $\pm$ 1676.409 χ^2 /NDF: 40.4/49

asym_at2_avg_rms vs Slug



Right In: 8382.704+/-1.851 χ^2 /NDF: 1416143.6/23

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

Right Out: 8156.702+/-1.702 χ^2 /NDF: 2192795.9/26

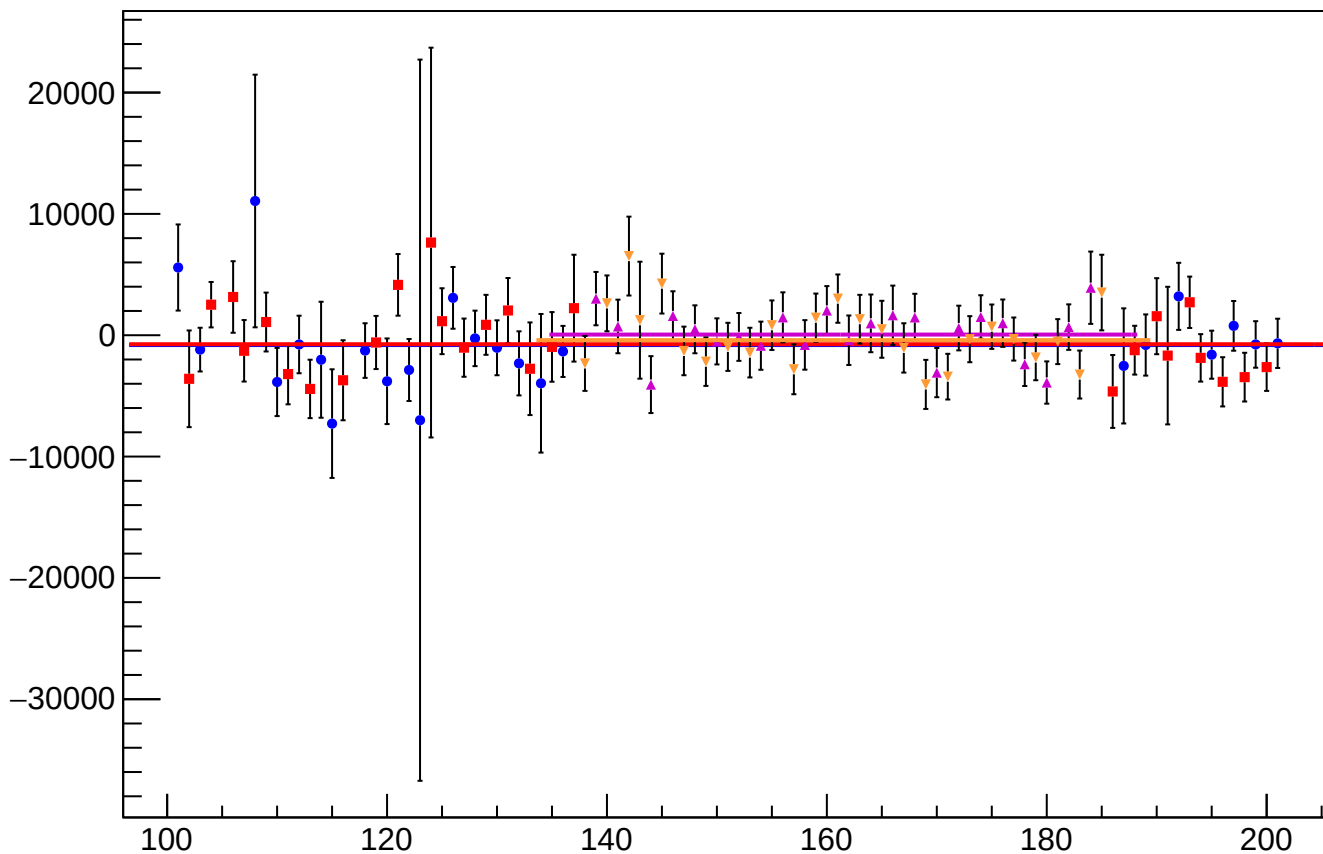
Left In: 9630.345+/-1.652 χ^2 /NDF:1074643.5/22

+ sign 8922.764+/-1.201 χ^2 /NDF: 3066627.9/48

All: 8919.054+/-0.844 χ^2 /NDF: 6720143.0/98

- sign 8915.441+/-1.185 χ^2 /NDF: 3653496.3/49

dit_asym_at2_dd_mean vs Slug



Right In: -810.492+/-533.843 χ^2 /NDF: 15.5/23

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

Right Out: -741.625+/-490.078 χ^2 /NDF: 27.2/26

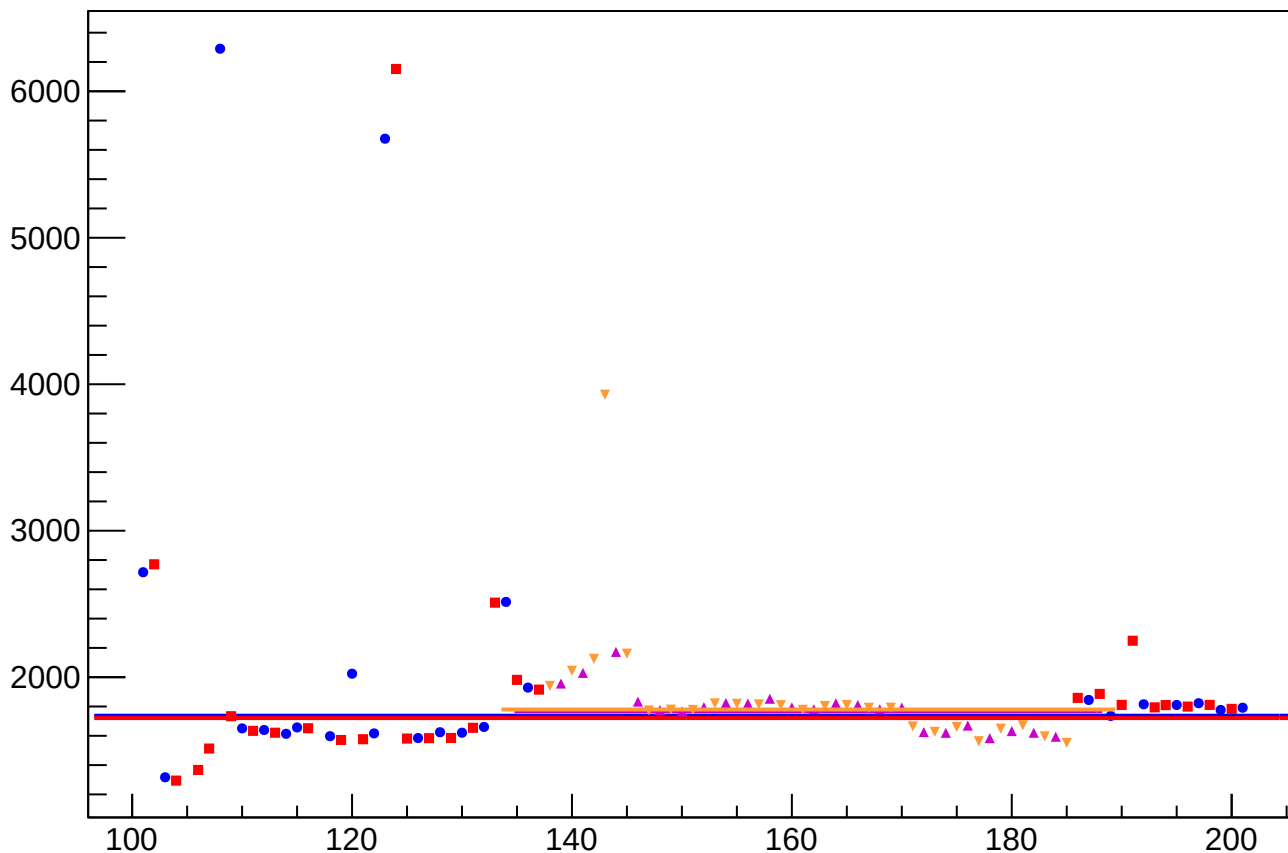
Left In: 53.539+/-422.570 χ^2 /NDF: 20.9/22

+ sign -558.688+/-329.720 χ^2 /NDF: 44.8/48

All: -418.044+/-229.645 χ^2 /NDF: 94.6/98

- sign -285.545+/-320.030 χ^2 /NDF: 49.5/49

dit_asym_at2_dd_rms vs Slug



Right In: 1737.120+/-0.377 χ^2/NDF : 795397.5/23

Left Out: 1779.434+/-0.296 χ^2/NDF : 610925.0/24

Right Out: 1720.914+/-0.347 χ^2/NDF : 637086.2/26

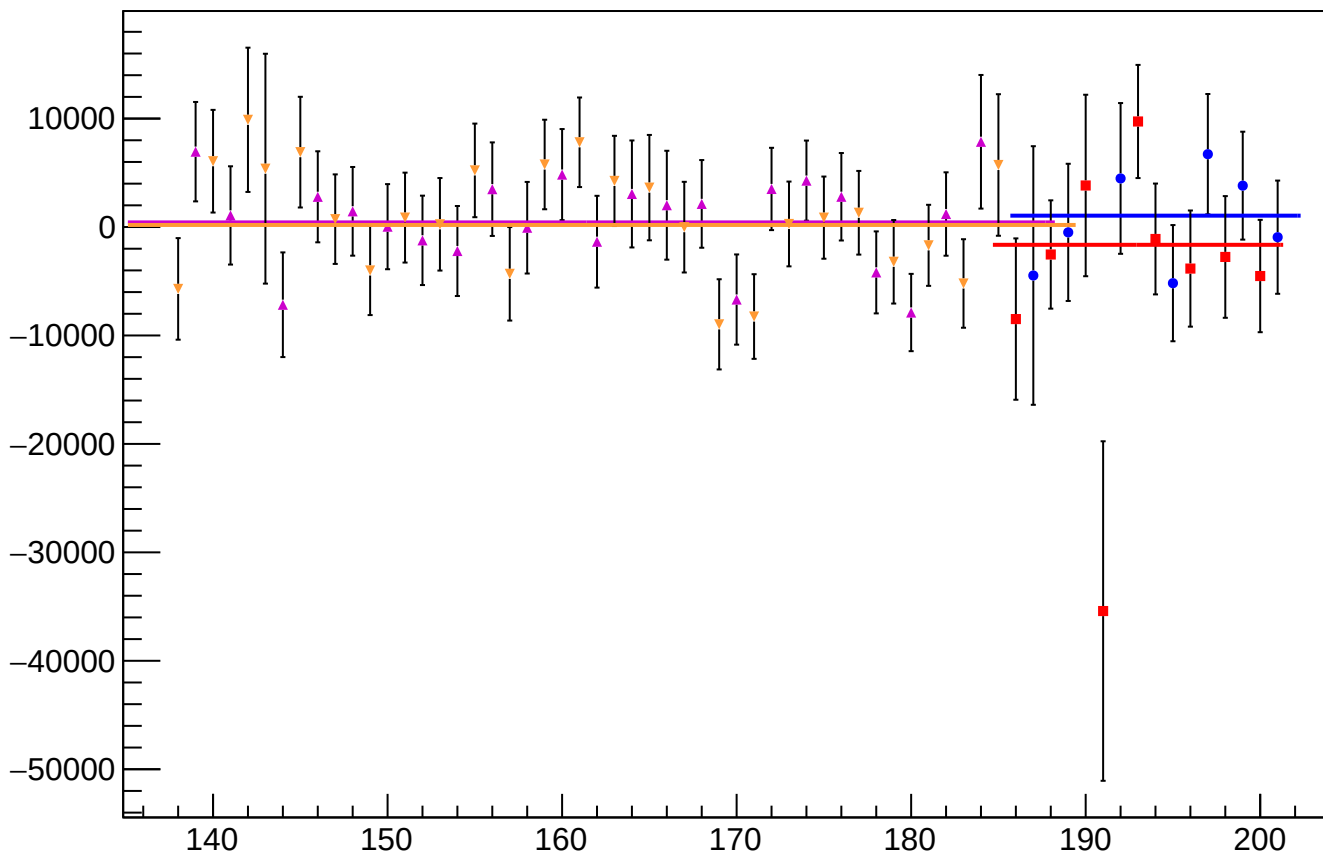
Left In: 1767.314+/-0.299 χ^2/NDF : 196583.8/22

+ sign 1763.292+/-0.233 χ^2/NDF : 1414094.5/48

All: 1755.175+/-0.162 χ^2/NDF : 2260401.5/98

- sign 1747.527+/-0.226 χ^2/NDF : 843952.7/49

asym_at2_dd_correction_mean vs Slug



Right In: 1047.832 ± 2252.171 χ^2/NDF : 3.4/6

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

Right Out: -1640.537 ± 1978.575 χ^2/NDF : 11.2/8

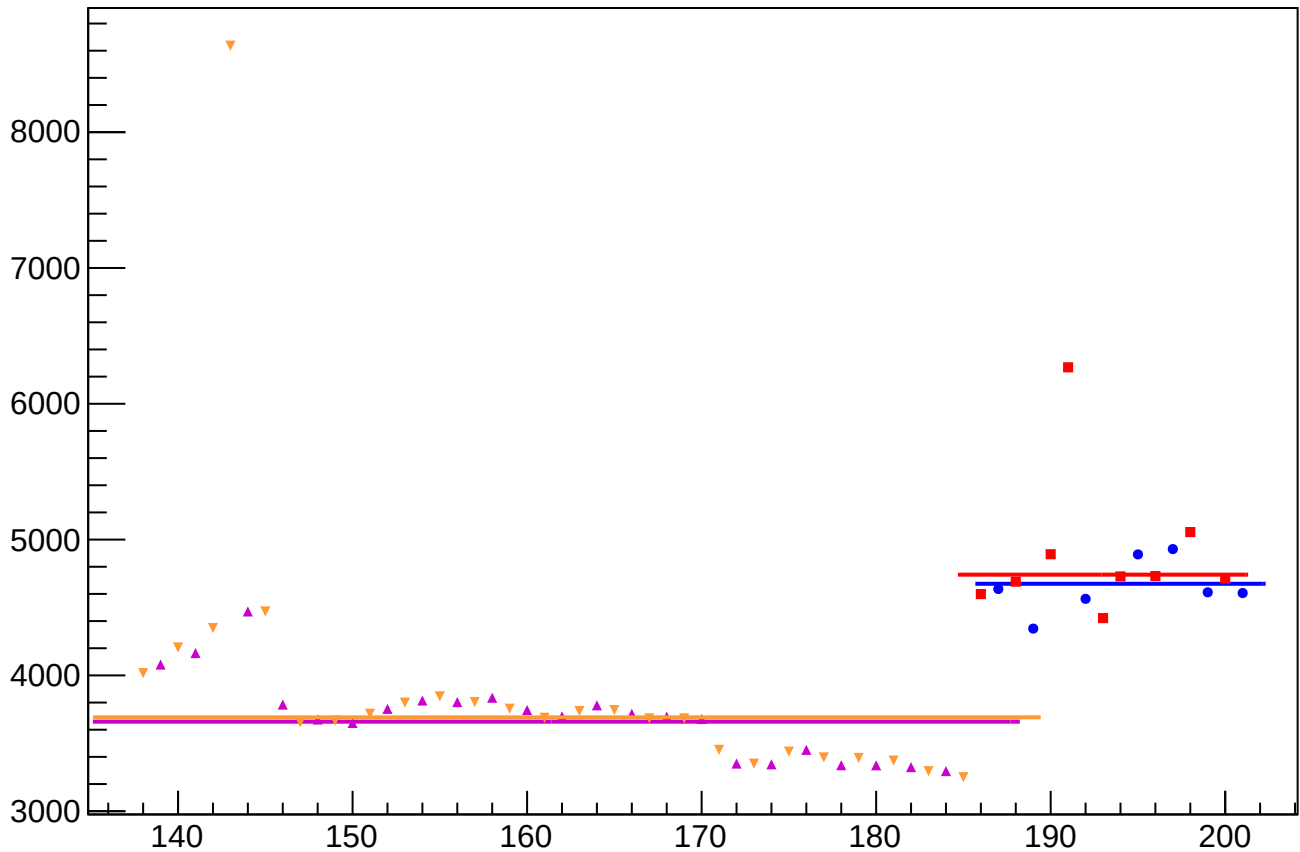
Left In: 426.004 ± 874.870 χ^2/NDF : 21.3/22

+ sign 302.328 ± 811.482 χ^2/NDF : 34.1/31

All: 193.676 ± 569.752 χ^2/NDF : 67.5/63

- sign 88.040 ± 800.140 χ^2/NDF : 33.4/31

asym_at2_dd_correction_rms vs Slug



Right In: 4674.557 $\pm$ 1.593 χ^2/NDF : 14134.6/6

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

Right Out: 4741.792 $\pm$ 1.399 χ^2/NDF : 34490.2/8

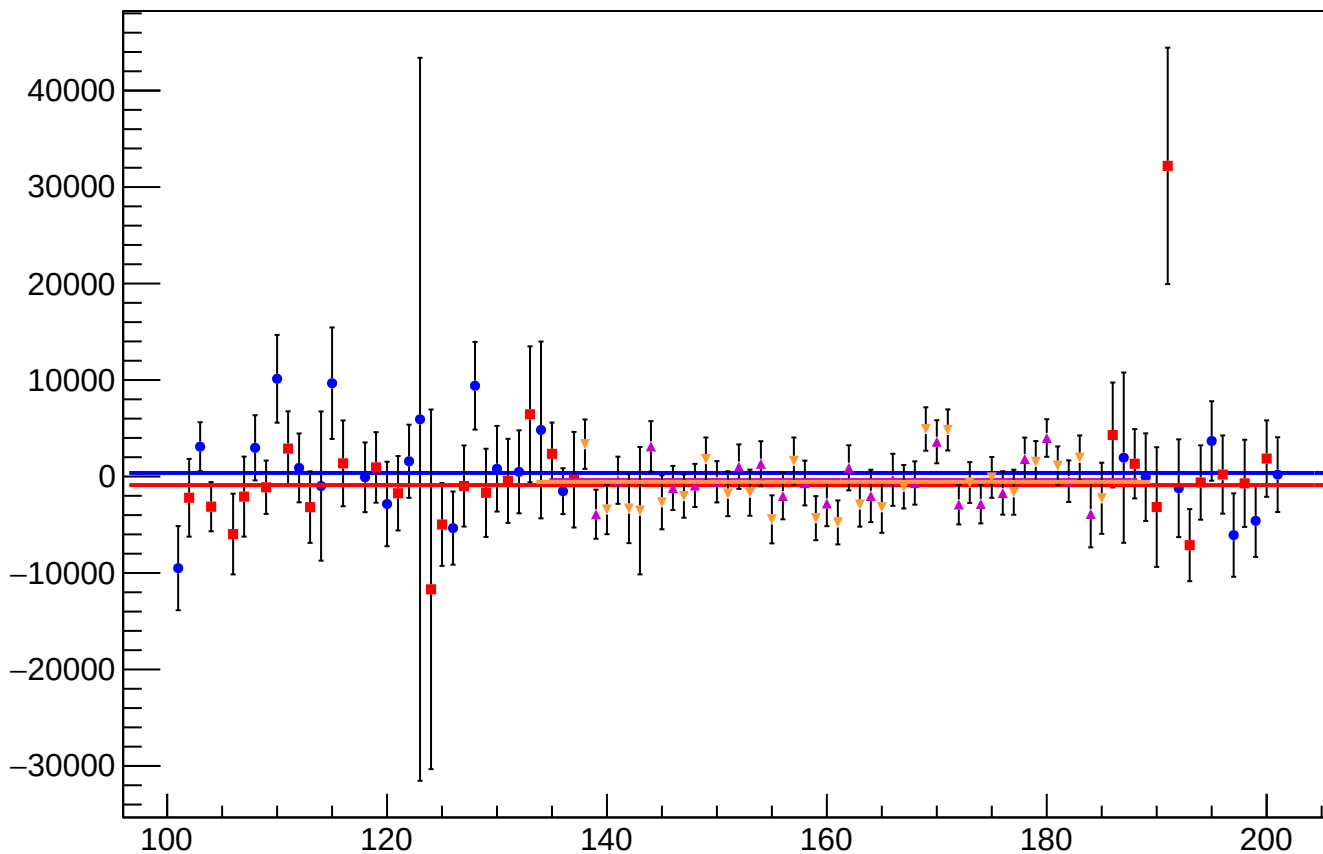
Left In: 3659.086 $\pm$ 0.619 χ^2/NDF : 198077.1/22

+ sign 3818.841 $\pm$ 0.574 χ^2/NDF : 985409.1/31

All: 3827.619 $\pm$ 0.403 χ^2/NDF : 1719387.9/63

- sign 3836.155 $\pm$ 0.566 χ^2/NDF : 733517.2/31

asym_at2_dd_mean vs Slug



Right In: 369.091 ± 835.832 χ^2/NDF : 26.7/23

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

Right Out: -887.635 ± 785.309 χ^2/NDF : 19.8/26

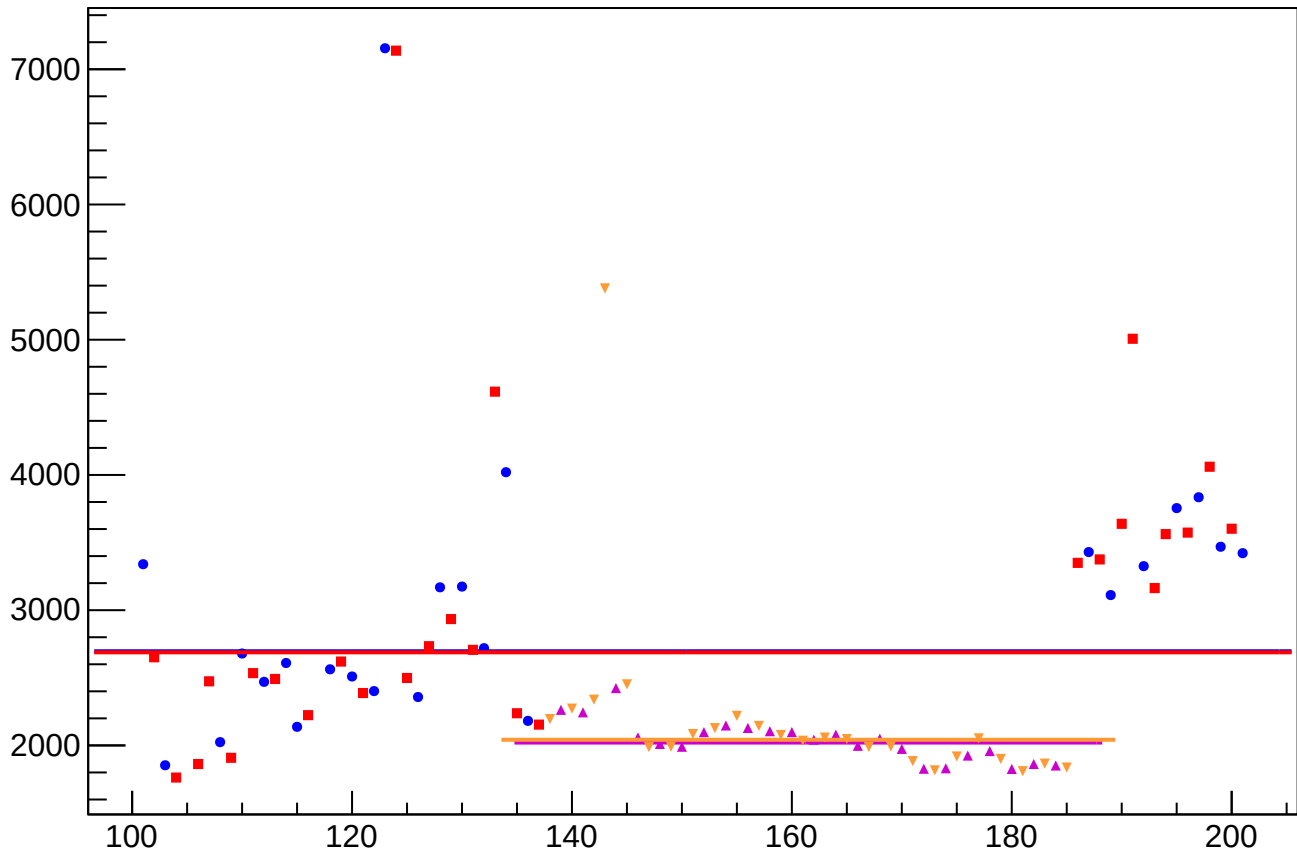
Left In: -366.243 ± 483.092 χ^2/NDF : 20.5/22

+ sign -321.957 ± 417.306 χ^2/NDF : 61.6/48

All: -416.989 ± 292.995 χ^2/NDF : 102.4/98

- sign -509.383 ± 411.470 χ^2/NDF : 40.6/49

asym_at2_dd_rms vs Slug



Right In: 2696.143 $\pm$ 0.591 χ^2 /NDF: 1102277.5/23

Left Out: 2041.781 $\pm$ 0.341 χ^2 /NDF: 706854.2/24

Right Out: 2688.378 $\pm$ 0.555 χ^2 /NDF: 1628905.1/26

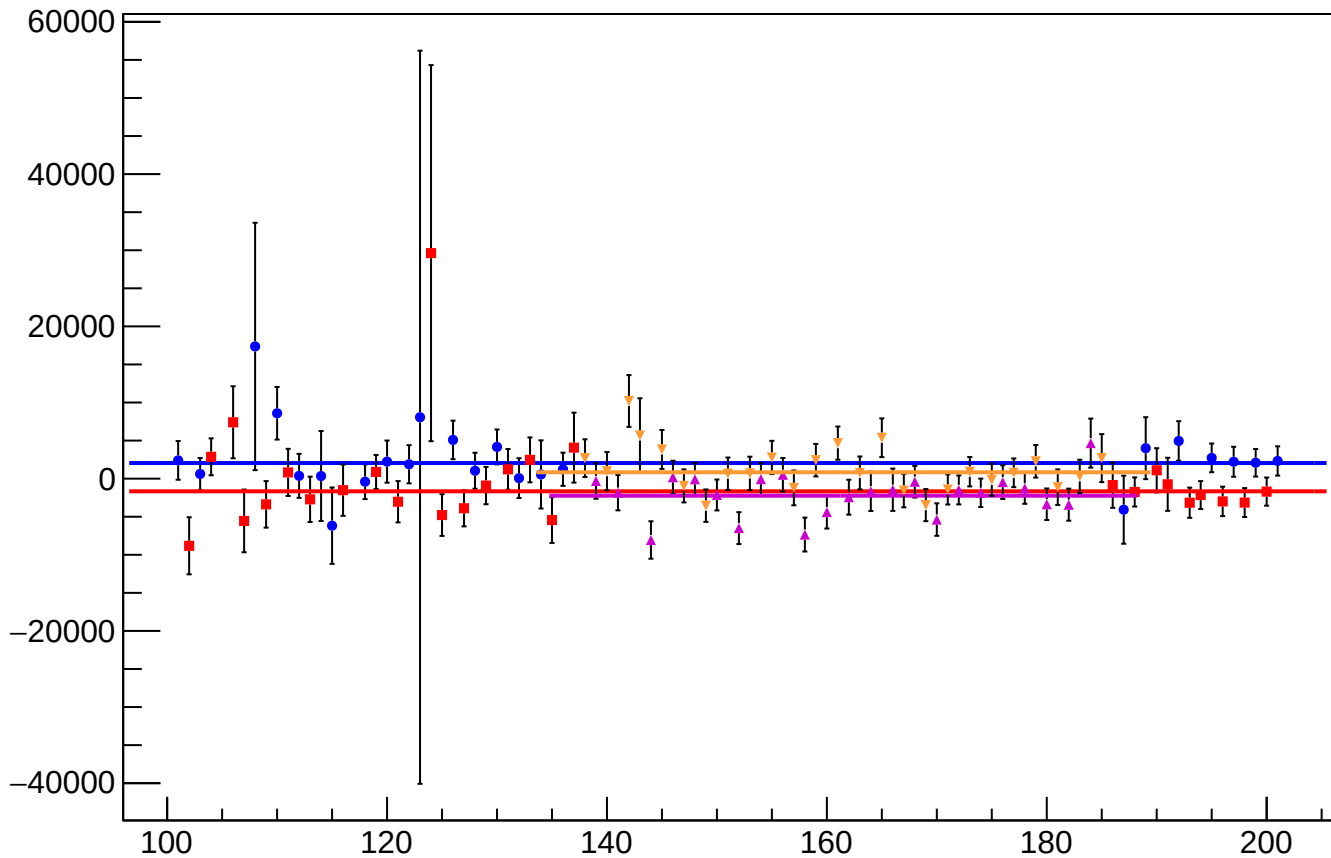
Left In: 2021.065 $\pm$ 0.342 χ^2 /NDF: 178726.2/22

+ sign 2204.895 $\pm$ 0.295 χ^2 /NDF: 2729395.5/48

All: 2204.576 $\pm$ 0.207 χ^2 /NDF: 5584705.6/98

- sign 2204.266 $\pm$ 0.291 χ^2 /NDF: 2855307.7/49

dit_asym_atl_avg_mean vs Slug



Right In: 2052.050 $\pm$ 538.592 χ^2 /NDF: 16.1/23

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

Right Out: -1662.499 $\pm$ 502.451 χ^2 /NDF: 27.3/26

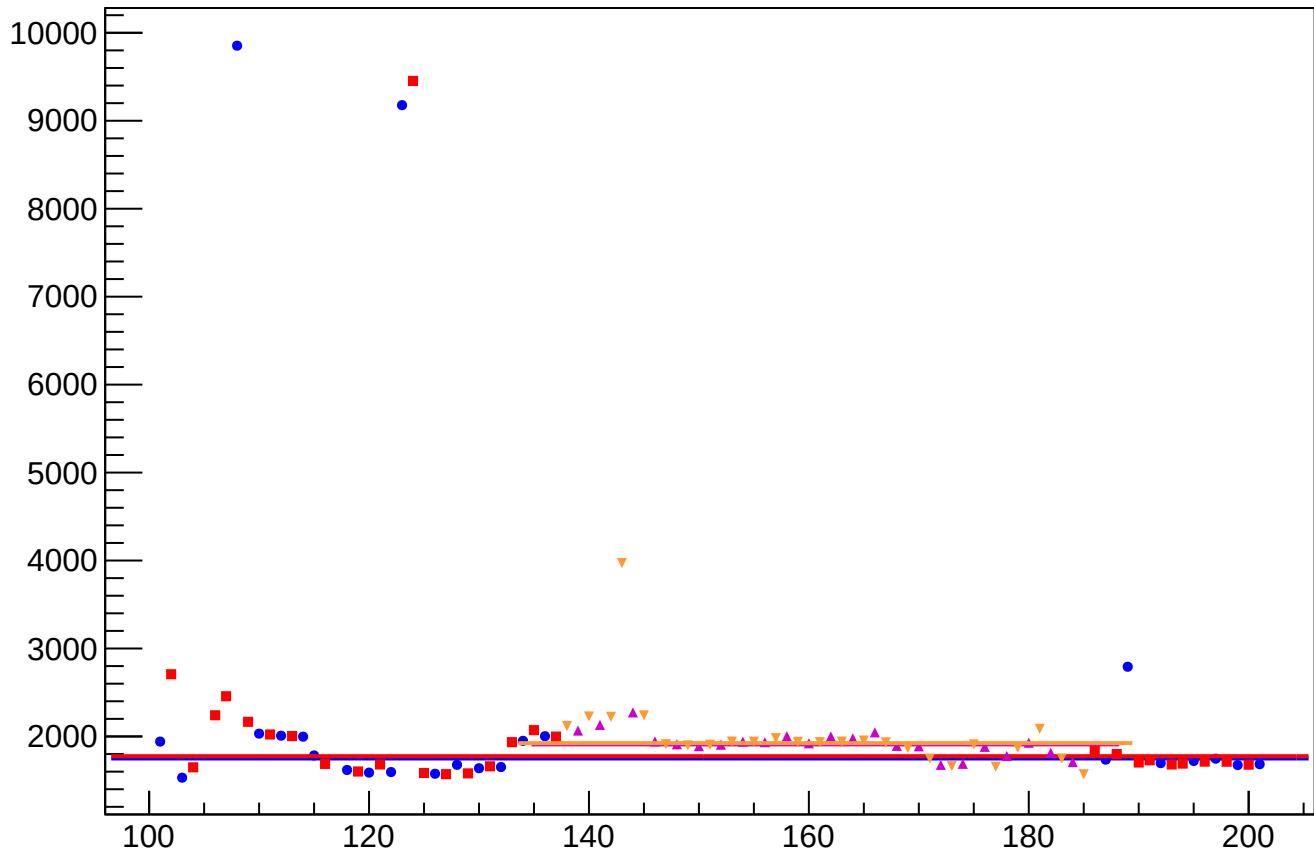
Left In: -2235.652 $\pm$ 457.720 χ^2 /NDF:31.0/22

+ sign 1342.623 $\pm$ 347.351 χ^2 /NDF: 51.4/48

All: -360.014 $\pm$ 242.376 χ^2 /NDF: 157.1/98

- sign -1975.719 $\pm$ 338.368 χ^2 /NDF: 58.9/49

dit_asym_atl_avg_rms vs Slug



Right In: 1749.529+/-0.381 χ^2/NDF : 820910.8/23

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

Right Out: 1775.919+/-0.355 χ^2/NDF : 564160.1/26

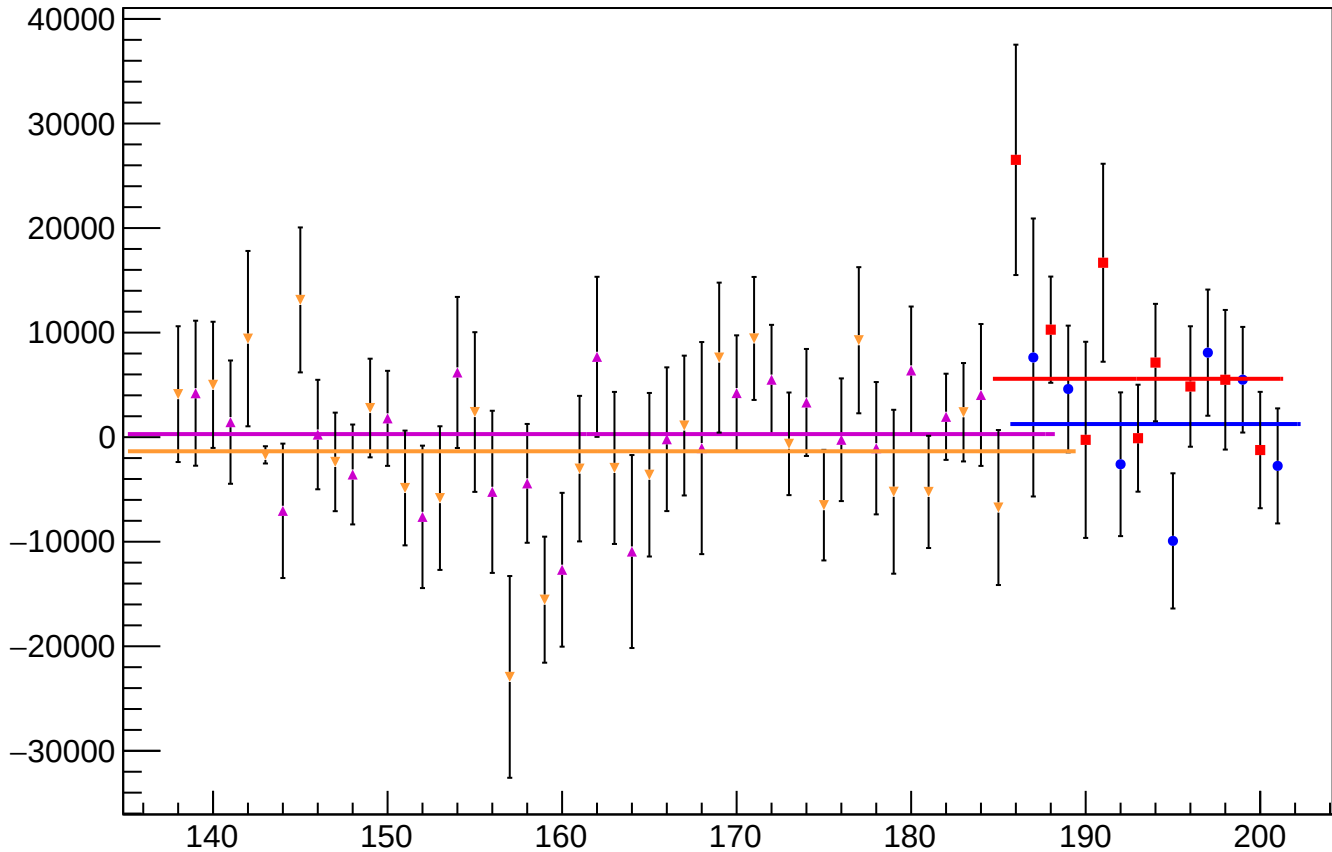
Left In: 1909.656+/-0.324 χ^2/NDF : 164475.5/22

+ sign 1851.477+/-0.246 χ^2/NDF : 1527540.1/48

All: 1850.188+/-0.171 χ^2/NDF : 2333714.2/98

- sign 1848.964+/-0.239 χ^2/NDF : 806120.4/49

asym_atl_avg_correction_mean vs Slug



Right In: 1254.872 ± 2372.589 χ^2/NDF : 6.4/6

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

Right Out: 5582.034 ± 2111.522 χ^2/NDF : 9.1/8

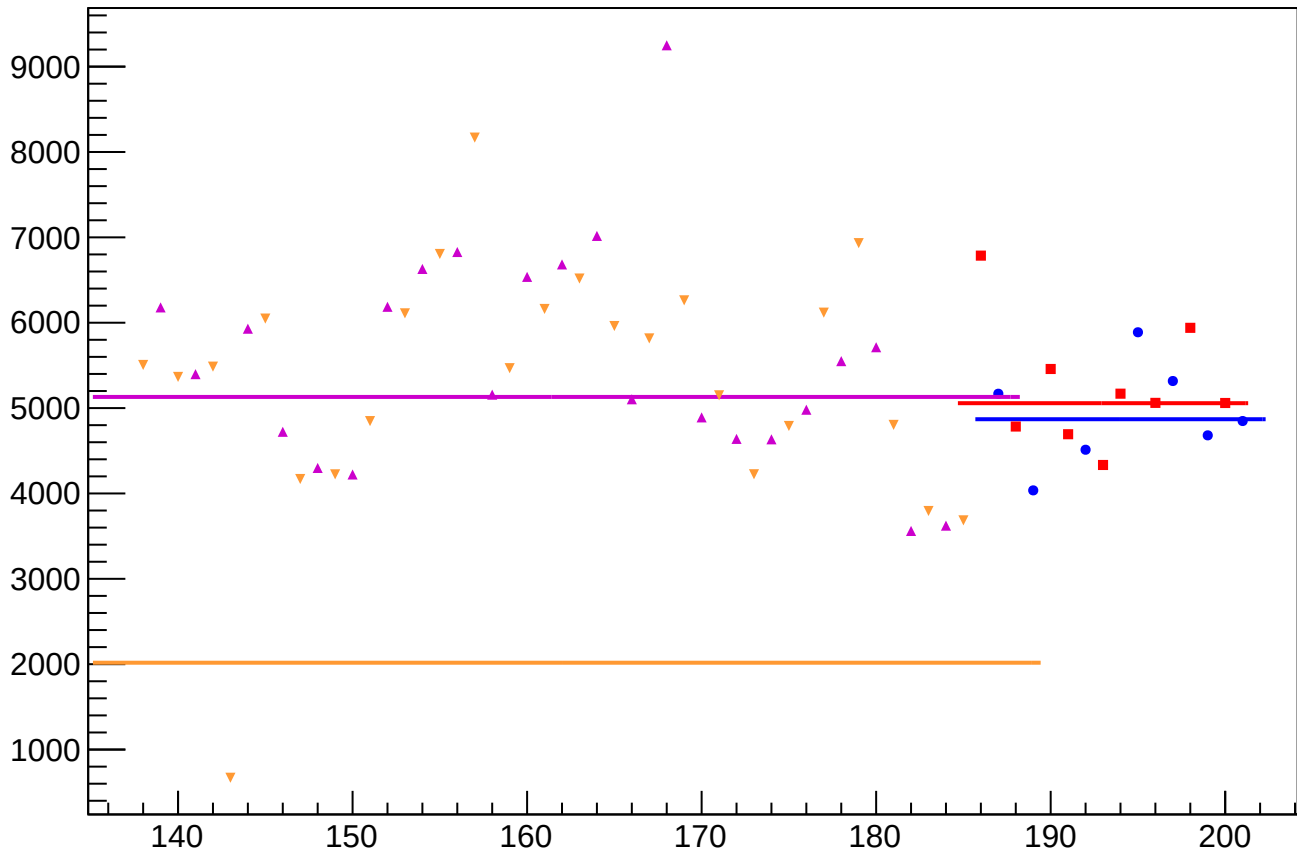
Left In: 294.047 ± 1252.274 χ^2/NDF : 14.5/22

+ sign -1146.127 ± 663.133 χ^2/NDF : 38.4/31

All: -372.079 ± 564.692 χ^2/NDF : 71.5/63

- sign 1670.015 ± 1077.096 χ^2/NDF : 28.2/31

asym_atl_avg_correction_rms vs Slug



Right In: 4869.552+/-1.678 χ^2/NDF : 107705.1/6

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

Right Out: 5057.436+/-1.493 χ^2/NDF : 137414.4/8

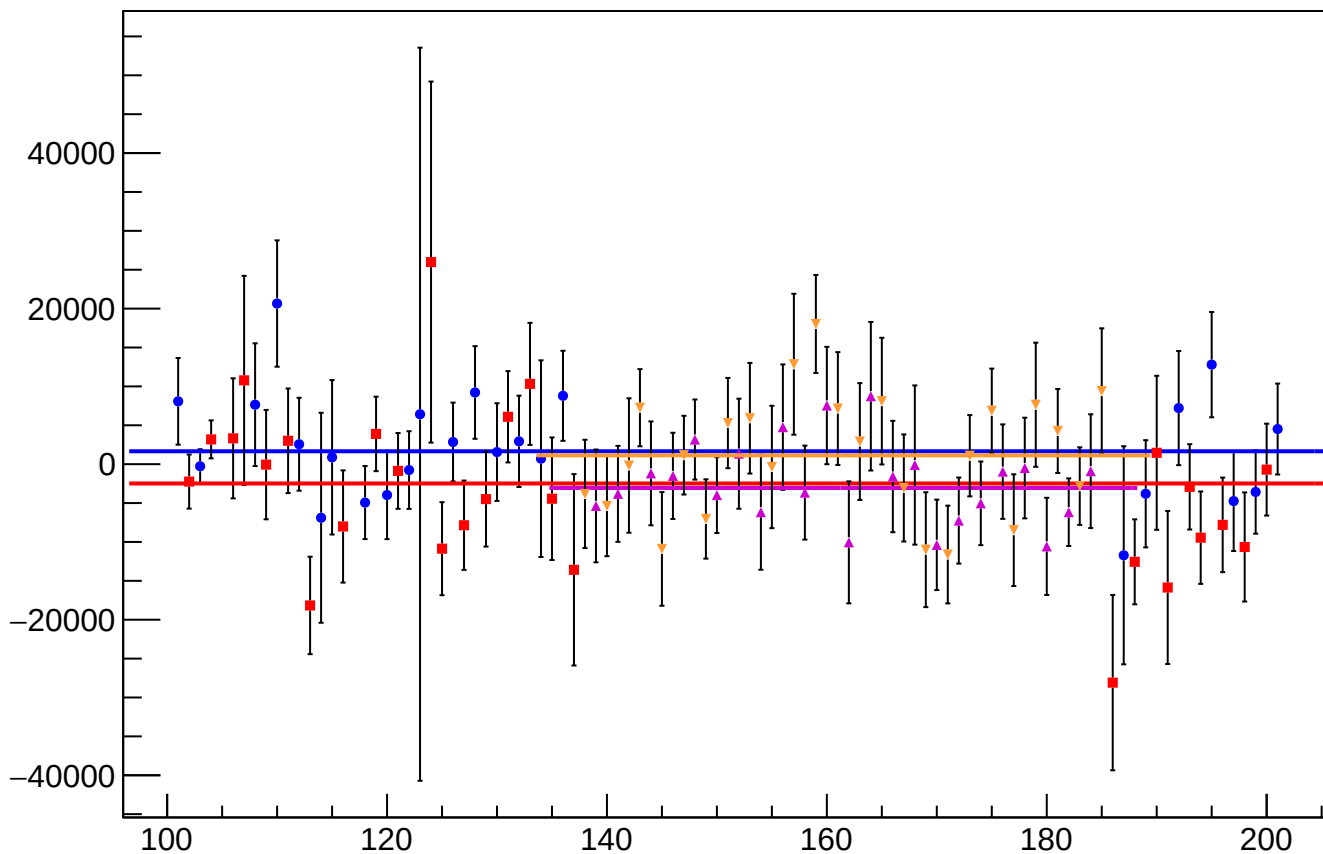
Left In: 5130.756+/-0.885 χ^2/NDF : 1489813.1/22

+ sign 2240.064+/-0.469 χ^2/NDF : 21932173.1/31

All: 3029.359+/-0.399 χ^2/NDF : 33869654.0/6

- sign 5111.678+/-0.762 χ^2/NDF : 1629011.5/31

asym_atl_avg_mean vs Slug



Right In: 1659.974 $\pm$ 1158.234 χ^2 /NDF: 22.0/23

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

Right Out: -2481.565 $\pm$ 1118.037 χ^2 /NDF: 40.8/26

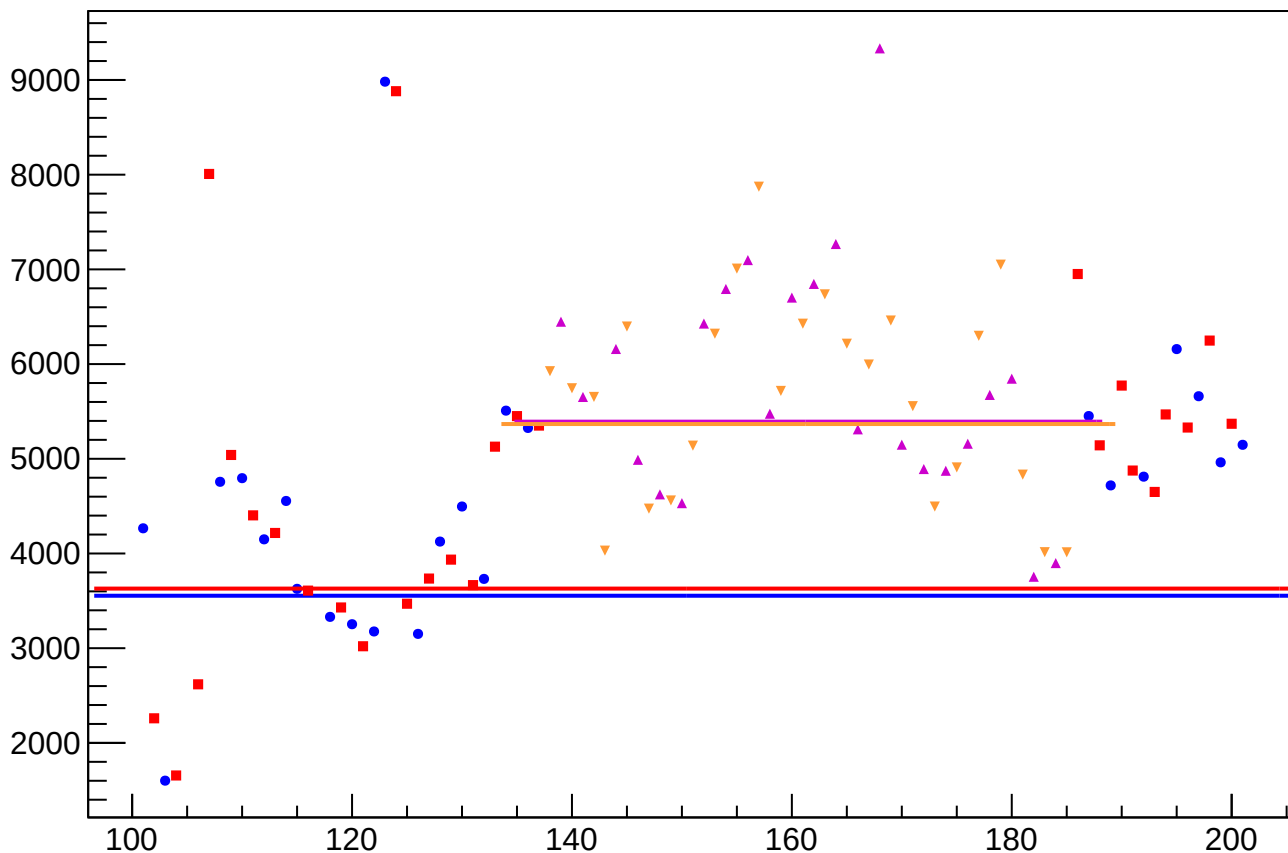
Left In: -3061.439 $\pm$ 1313.197 χ^2 /NDF:12.3/22

+ sign 1422.557 $\pm$ 858.889 χ^2 /NDF: 54.6/48

All: -669.768 $\pm$ 604.623 χ^2 /NDF: 119.5/98

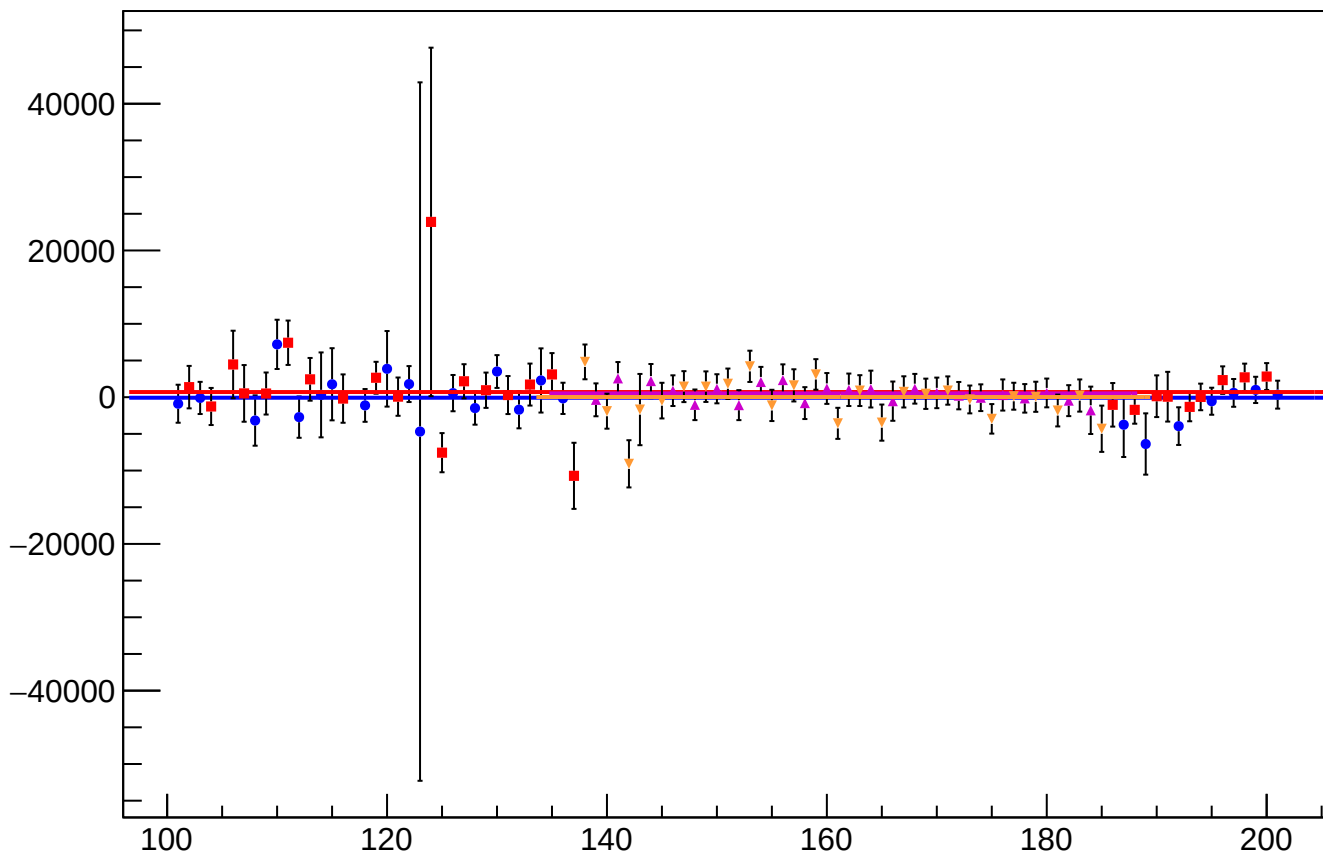
- sign -2725.252 $\pm$ 851.294 χ^2 /NDF: 53.2/49

asym_atl_avg_rms vs Slug



Right In: 3553.903 $\pm$ 0.819	χ^2 /NDF: 3061029.1/23	+ sign 4369.953 $\pm$ 0.607	χ^2 /NDF: 6480368.2/48
Left Out: 5366.944 $\pm$ 0.905	χ^2 /NDF: 1213541.3/24	All: 4365.220 $\pm$ 0.426	χ^2 /NDF: 13620835.1/50
Right Out: 3629.396 $\pm$ 0.782	χ^2 /NDF: 3711641.4/26	- sign 4360.631 $\pm$ 0.598	χ^2 /NDF: 7140347.3/49
Left In: 5391.987 $\pm$ 0.929	χ^2 /NDF: 1320415.5/22		

dit_asym_atl_dd_mean vs Slug



Right In: -72.692 ± 531.341 χ^2/NDF : 17.6/23

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

Right Out: 701.981 ± 489.904 χ^2/NDF : 32.3/26

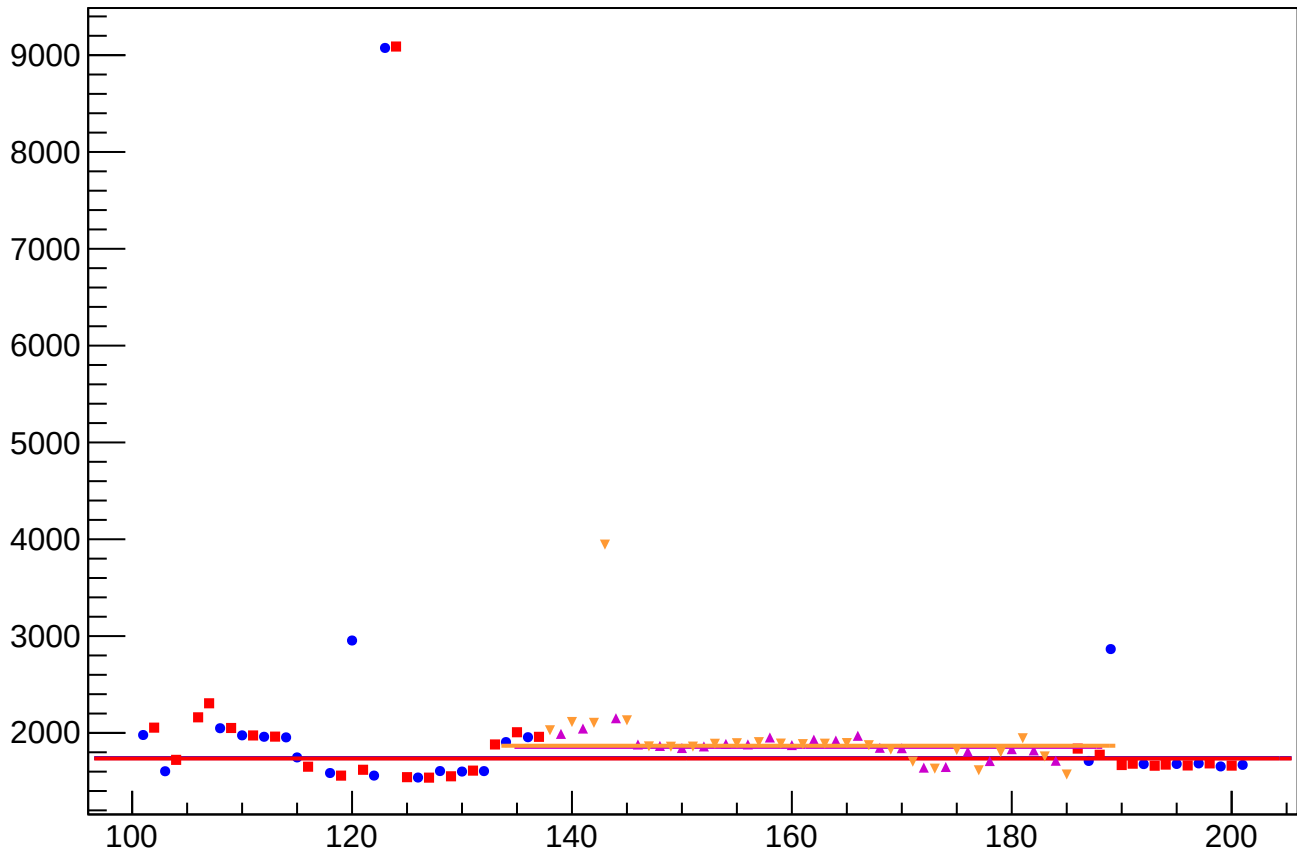
Left In: 514.693 ± 444.402 χ^2/NDF : 5.9/22

+ sign -15.780 ± 339.219 χ^2/NDF : 49.3/48

All: 300.989 ± 236.225 χ^2/NDF : 89.3/98

- sign 599.237 ± 329.154 χ^2/NDF : 38.3/49

dit_asym_atl_dd_rms vs Slug



Right In: 1739.788+/-0.376 χ^2/NDF : 459174.2/23

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

Right Out: 1735.673+/-0.346 χ^2/NDF : 432695.7/26

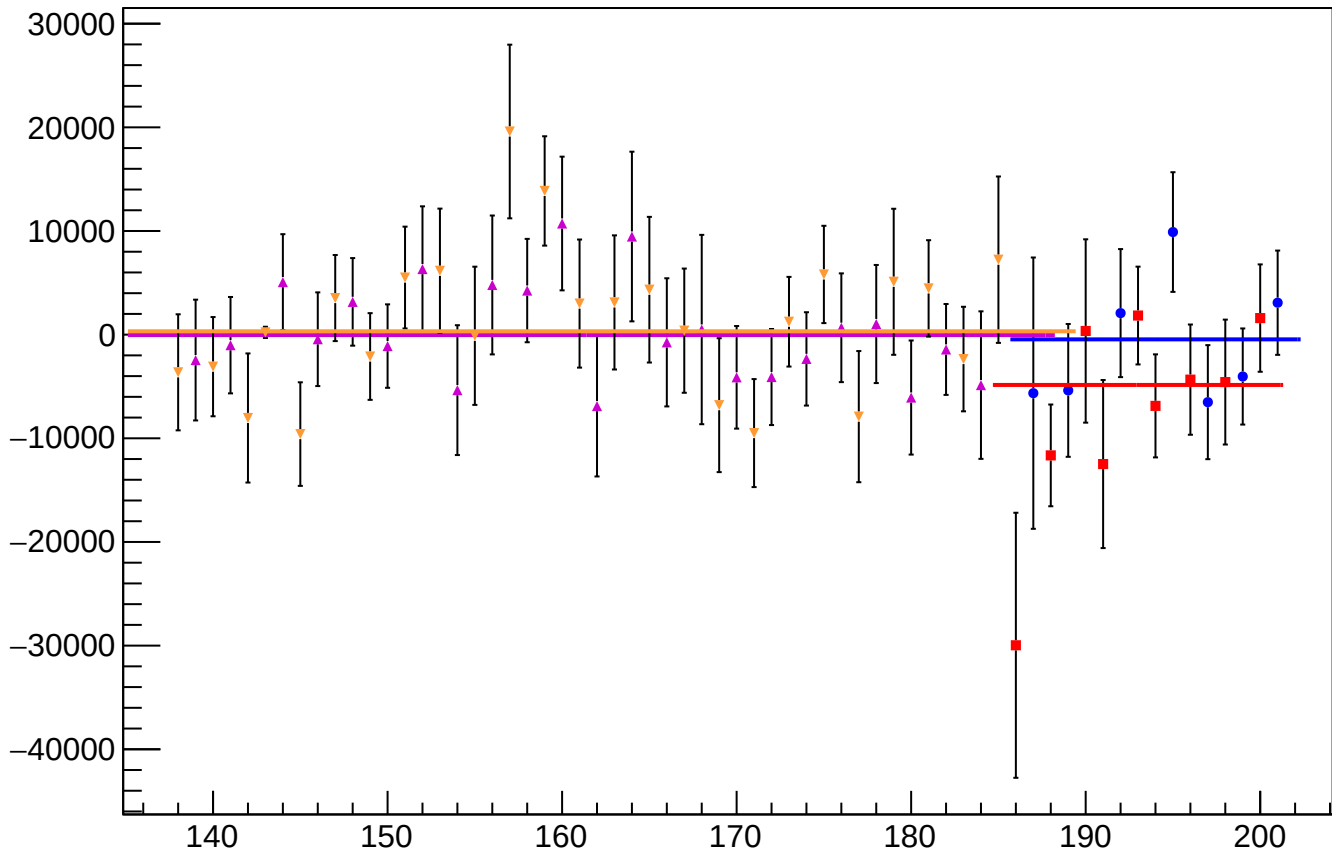
Left In: 1855.480+/-0.314 χ^2/NDF : 136219.4/22

+ sign 1815.470+/-0.240 χ^2/NDF : 1073009.8/48

All: 1808.194+/-0.167 χ^2/NDF : 1709385.5/98

- sign 1801.349+/-0.233 χ^2/NDF : 634590.0/49

asym_atl_dd_correction_mean vs Slug



Right In: -455.480 ± 2205.877 χ^2/NDF : 6.4/6

Left Out: 325.135 ± 488.239 χ^2/NDF : 32.5/24

Right Out: -4851.888 ± 1956.434 χ^2/NDF : 10.8/8

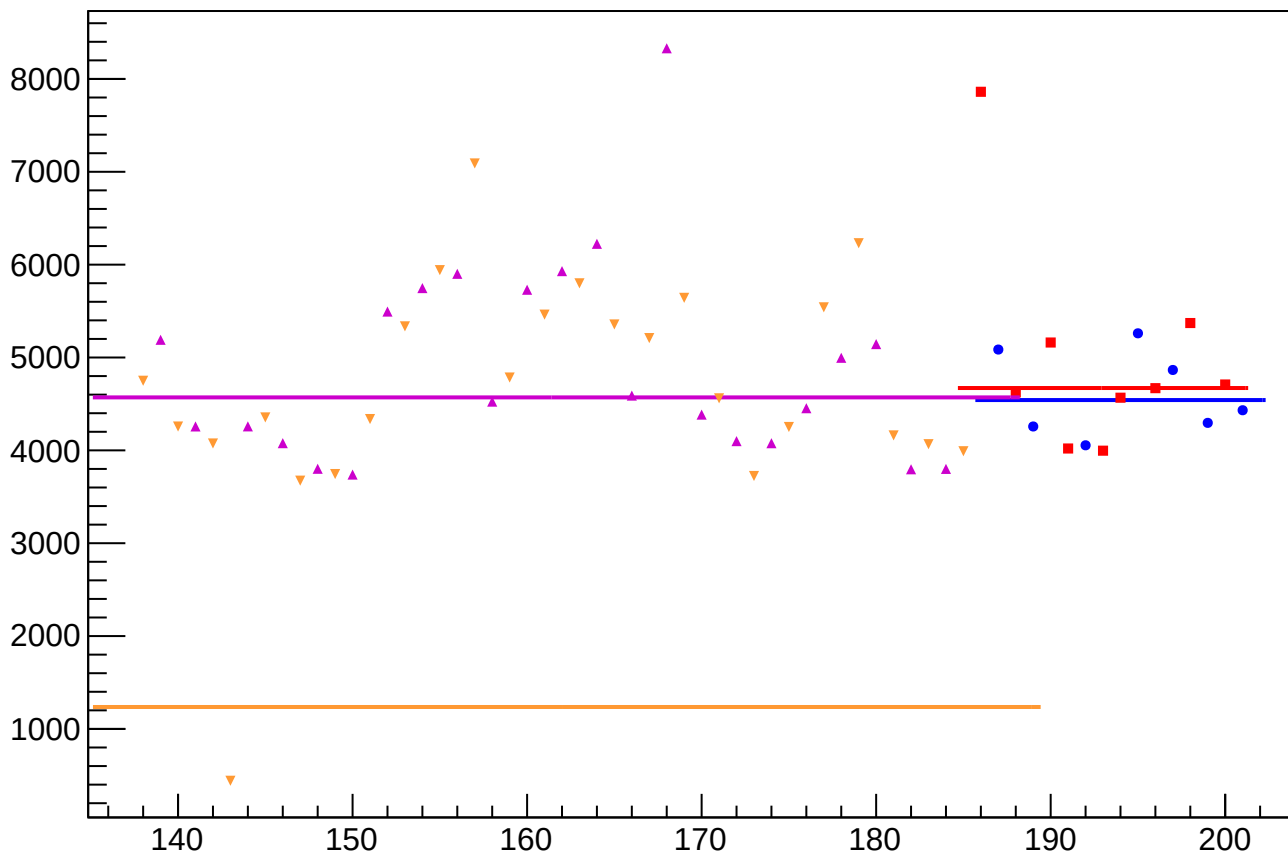
Left In: -40.142 ± 1109.747 χ^2/NDF : 13.9/22

+ sign 288.679 ± 476.702 χ^2/NDF : 39.1/31

All: -5.452 ± 427.421 χ^2/NDF : 70.2/63

- sign -1211.450 ± 965.271 χ^2/NDF : 29.2/31

asym_atl_dd_correction_rms vs Slug



Right In: 4541.735+/-1.560 χ^2/NDF : 64361.2/6

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

Right Out: 4671.357+/-1.383 χ^2/NDF : 212690.7/8

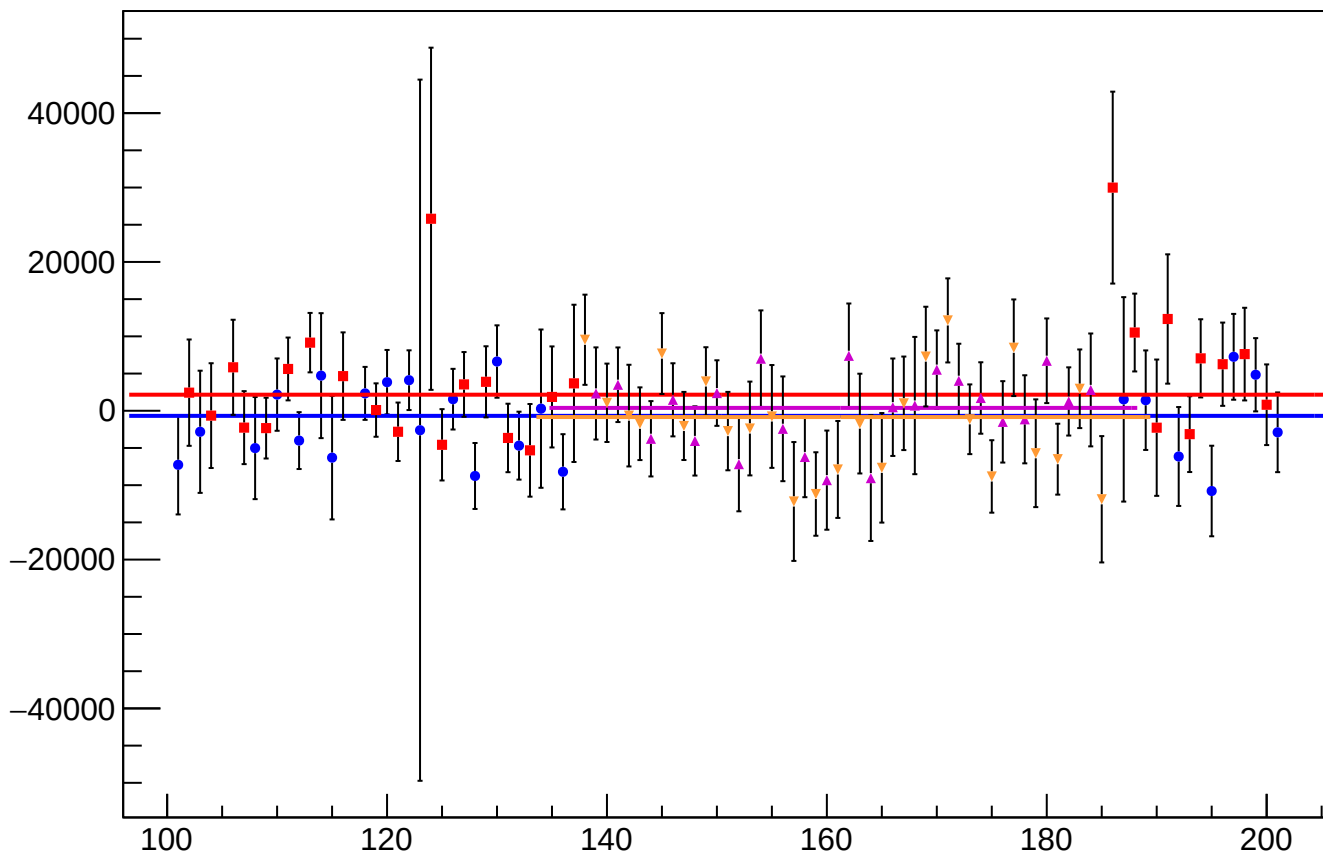
Left In: 4570.398+/-0.785 χ^2/NDF : 1145211.6/22

+ sign 1390.545+/-0.337 χ^2/NDF : 27741667.3/31

All: 2018.839+/-0.302 χ^2/NDF : 46823056.2/6

- sign 4594.974+/-0.683 χ^2/NDF : 1361931.7/31

asym_atl_dd_mean vs Slug



Right In: -683.994 ± 1100.388 $\chi^2/\text{NDF}: 22.4/23$

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

Right Out: 2160.184 ± 1033.530 $\chi^2/\text{NDF}: 26.8/26$

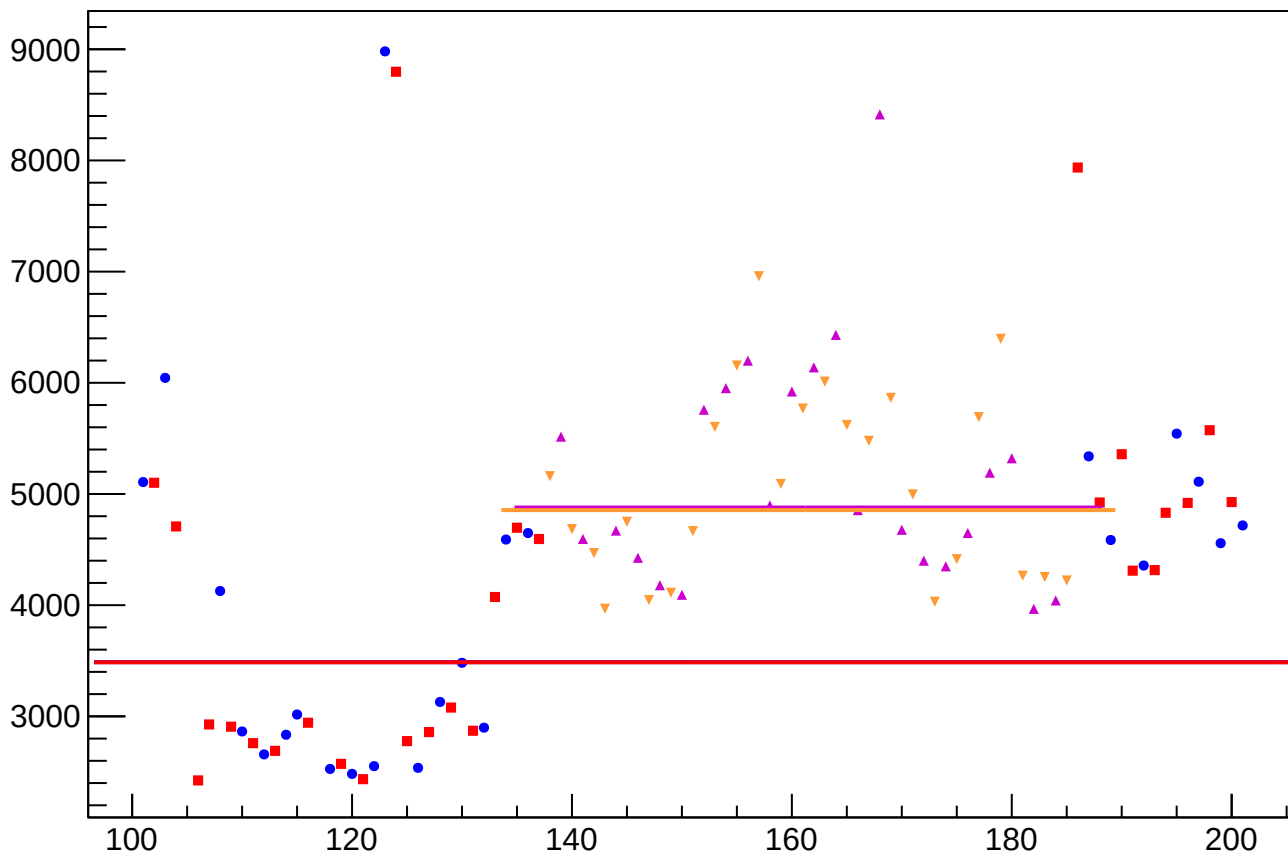
Left In: 385.098 ± 1181.458 $\chi^2/\text{NDF}: 13.9/22$

+ sign -760.966 ± 795.935 $\chi^2/\text{NDF}: 52.5/48$

All: 339.515 ± 556.322 $\chi^2/\text{NDF}: 98.2/98$

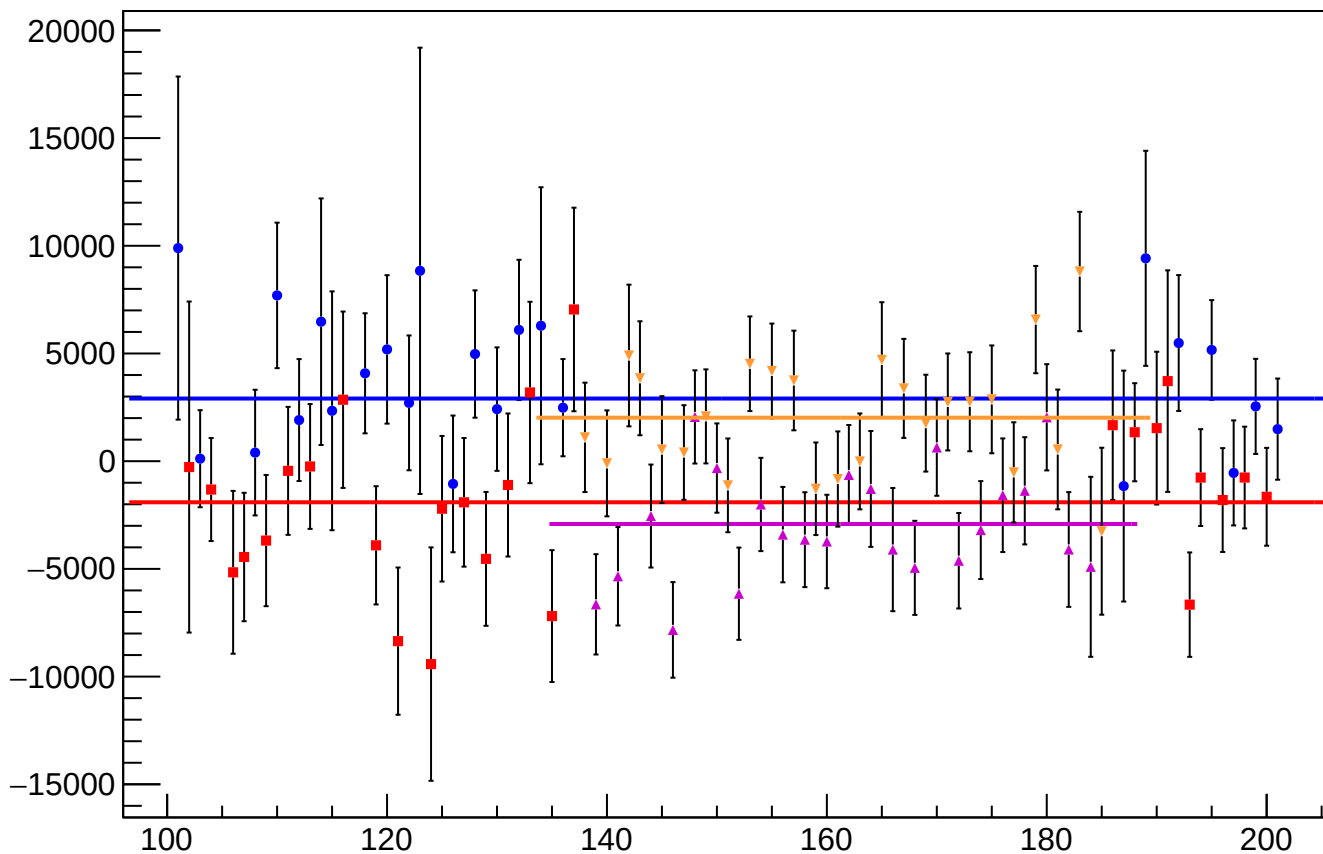
- sign 1390.664 ± 777.891 $\chi^2/\text{NDF}: 42.0/49$

asym_atl_dd_rms vs Slug



Right In: 3487.766+/-0.778	χ^2/NDF : 1857916.6/23	+ sign 4139.635+/-0.563	χ^2/NDF : 4225524.8/48
Left Out: 4854.932+/-0.815	χ^2/NDF : 895557.4/24	All: 4110.652+/-0.392	χ^2/NDF : 9053012.0/98
Right Out: 3486.293+/-0.724	χ^2/NDF : 2271528.2/26	- sign 4083.265+/-0.547	χ^2/NDF : 4822329.4/49
Left In: 4878.261+/-0.835	χ^2/NDF : 965222.2/22		

dit_asym_atr_avg_mean vs Slug



Right In: 2907.882 ± 632.721 χ^2/NDF : 16.2/23

Left Out: 2019.326 ± 481.340 χ^2/NDF : 27.1/24

Right Out: -1907.410 ± 583.682 χ^2/NDF : 28.3/26

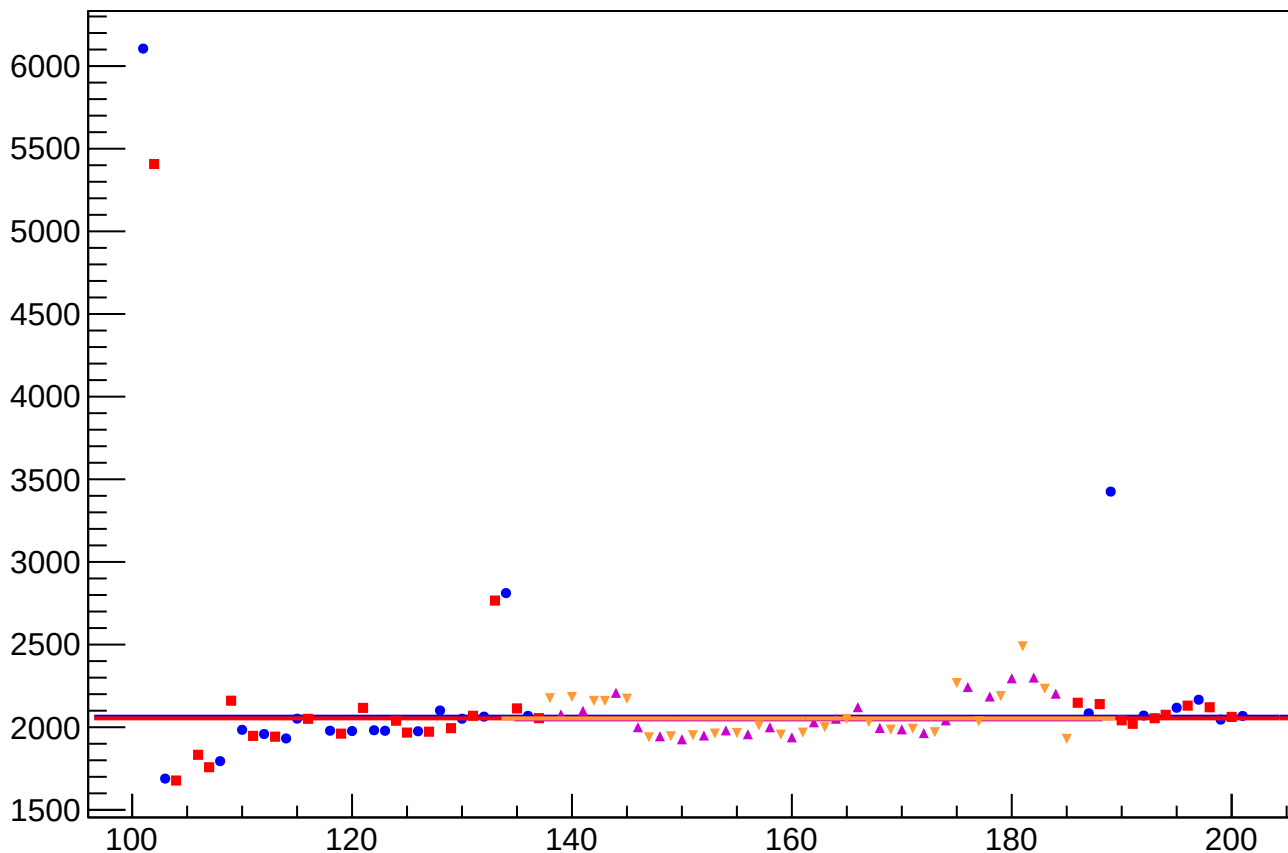
Left In: -2916.079 ± 489.445 χ^2/NDF : 28.8/22

+ sign 2345.054 ± 383.087 χ^2/NDF : 44.6/48

All: -128.720 ± 267.993 χ^2/NDF : 185.0/98

- sign -2499.643 ± 375.039 χ^2/NDF : 58.8/49

dit_asym_atr_avg_rms vs Slug



Right In: 2063.879+/-0.447 χ^2/NDF : 779533.0/23

Left Out: 2053.296+/-0.340 χ^2/NDF :136888.1/24

Right Out: 2053.645+/-0.413 χ^2/NDF : 538154.5/26

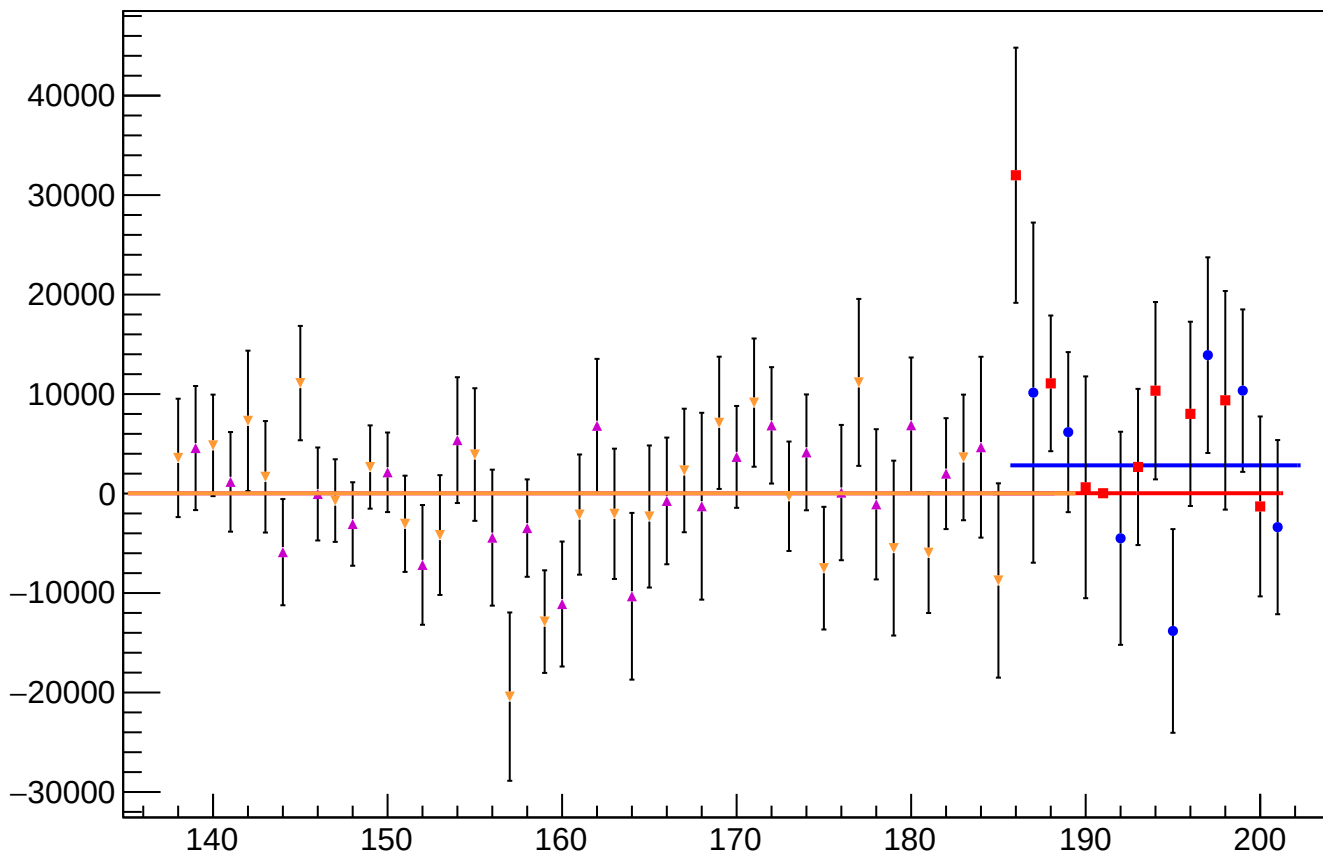
Left In: 2047.277+/-0.346 χ^2/NDF :103001.2/22

+ sign 2057.175+/-0.271 χ^2/NDF : 916775.6/48

All: 2053.464+/-0.189 χ^2/NDF : 1558438.6/98

- sign 2049.907+/-0.265 χ^2/NDF : 641295.4/49

asym_atr_avg_correction_mean vs Slug



Right In: 2834.002 $\pm$ 3638.788 χ^2 /NDF: 6.1/6

Left Out: 25.977 $\pm$ 1194.625 χ^2 /NDF: 29.2/24

Right Out: 31.768 $\pm$ 15.145 χ^2 /NDF: 11.8/8

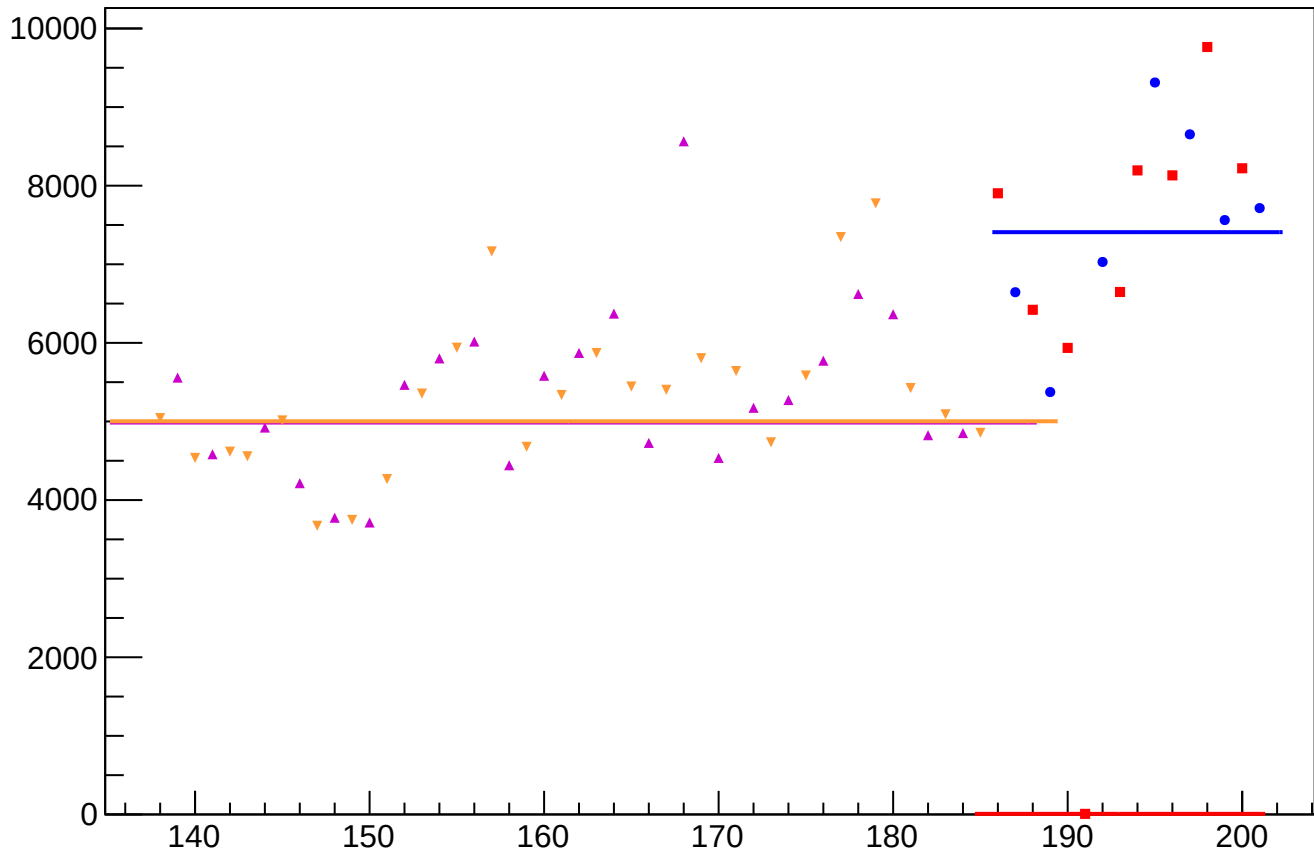
Left In: 23.765 $\pm$ 1211.652 χ^2 /NDF: 15.2/22

+ sign 299.186 $\pm$ 1135.022 χ^2 /NDF: 35.9/31

All: 31.814 $\pm$ 15.142 χ^2 /NDF: 62.9/63

- sign 31.767 $\pm$ 15.144 χ^2 /NDF: 27.0/31

asym_atr_avg_correction_rms vs Slug



Right In: 7408.556 $\pm$ 2.573 χ^2 /NDF: 238741.1/6

Left Out: 5002.559 $\pm$ 0.845 χ^2 /NDF:1145597.1/24

Right Out: 7.672 $\pm$ 0.011 χ^2 /NDF: 10976981.7/8

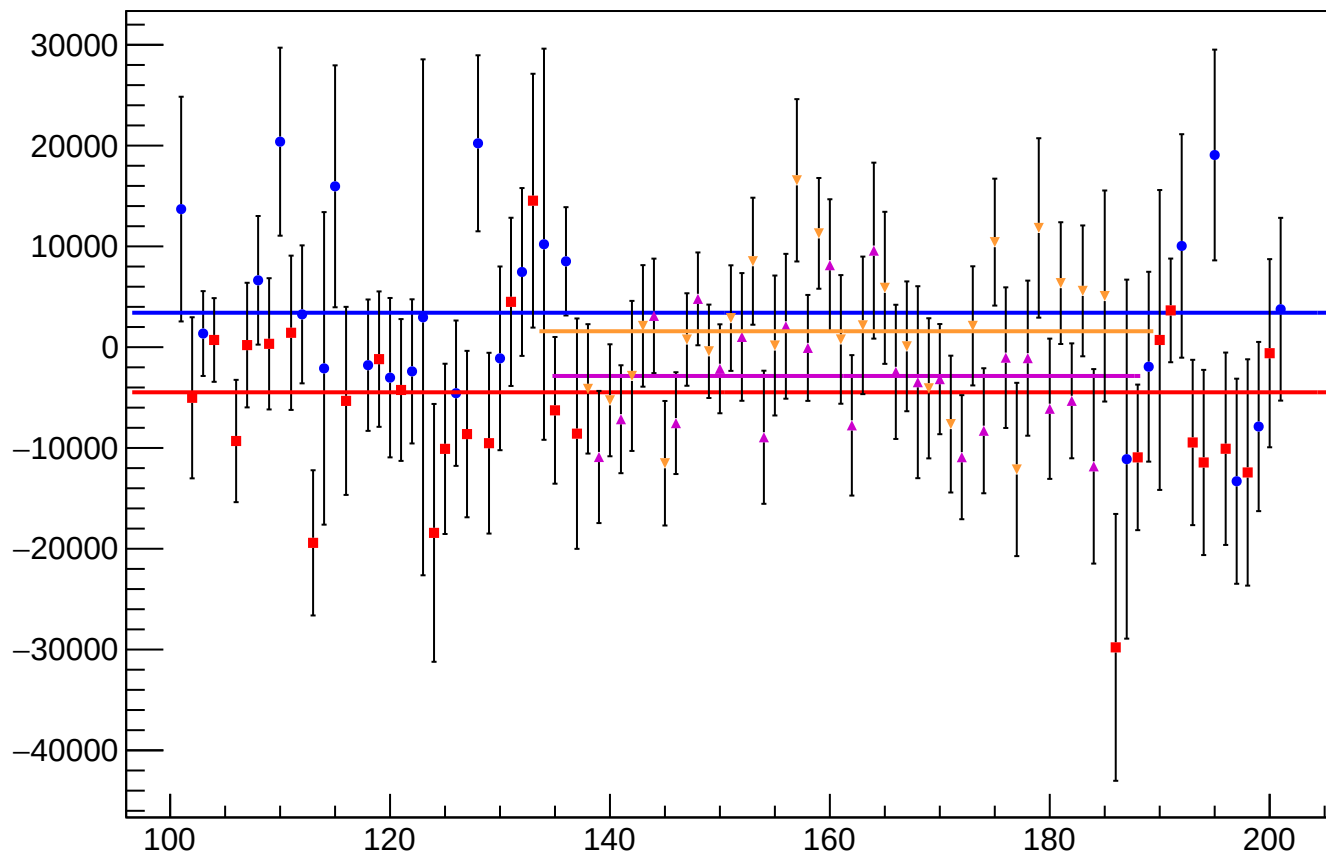
Left In: 4986.169 $\pm$ 0.857 χ^2 /NDF:1197602.7/22

+ sign 5236.653 $\pm$ 0.803 χ^2 /NDF: 2173656.5/31

All: 9.380 $\pm$ 0.011 χ^2 /NDF: 90535926.0/63

- sign 8.450 $\pm$ 0.011 χ^2 /NDF: 45934621.5/31

asym_atr_avg_mean vs Slug



Right In: 3416.865 $\pm$ 1672.584 χ^2 /NDF: 22.4/23

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

Right Out: -4476.675 $\pm$ 1475.170 χ^2 /NDF: 23.3/26

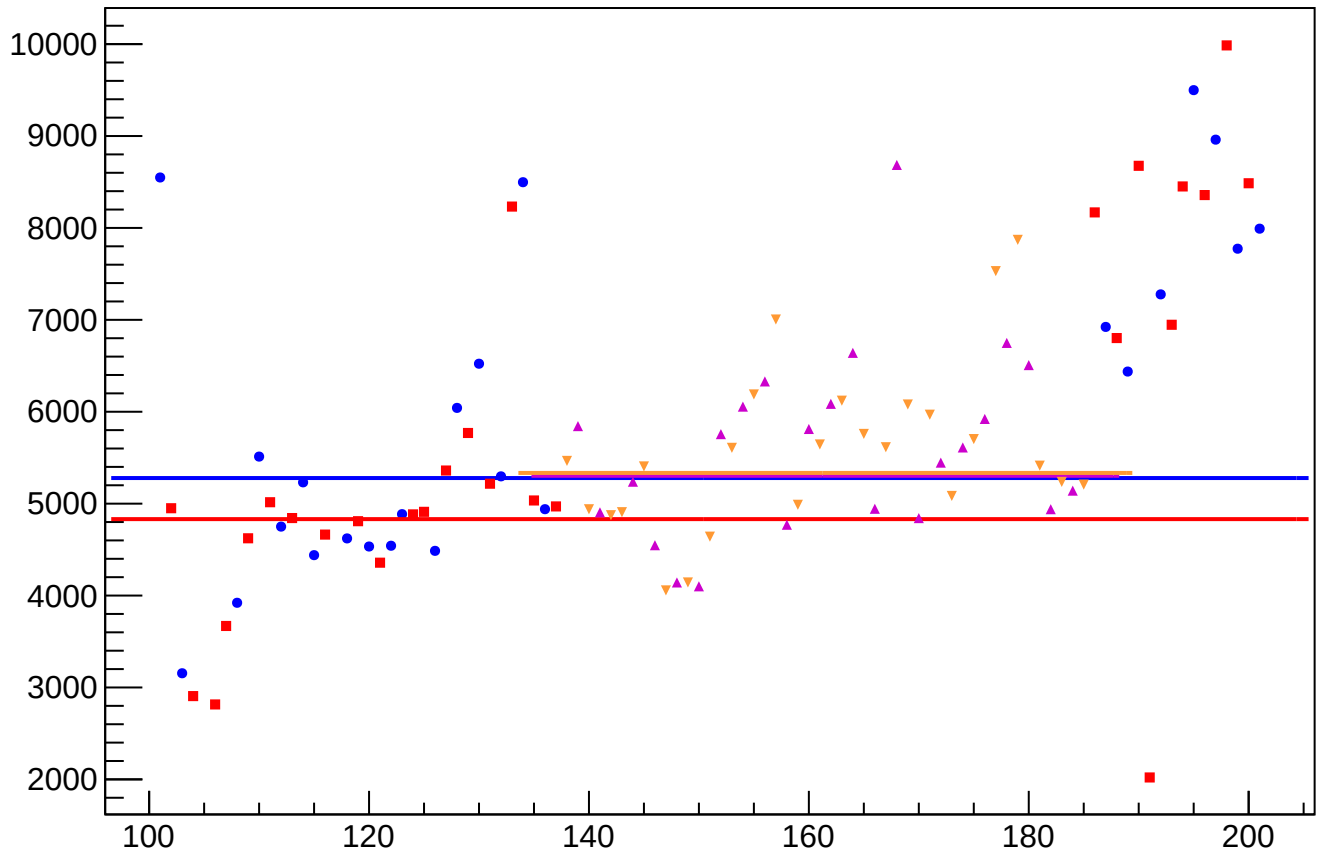
Left In: -2856.480 $\pm$ 1284.131 χ^2 /NDF: 18.1/22

+ sign 2249.450 $\pm$ 1009.490 χ^2 /NDF: 48.3/48

All: -772.783 $\pm$ 698.899 χ^2 /NDF: 107.6/98

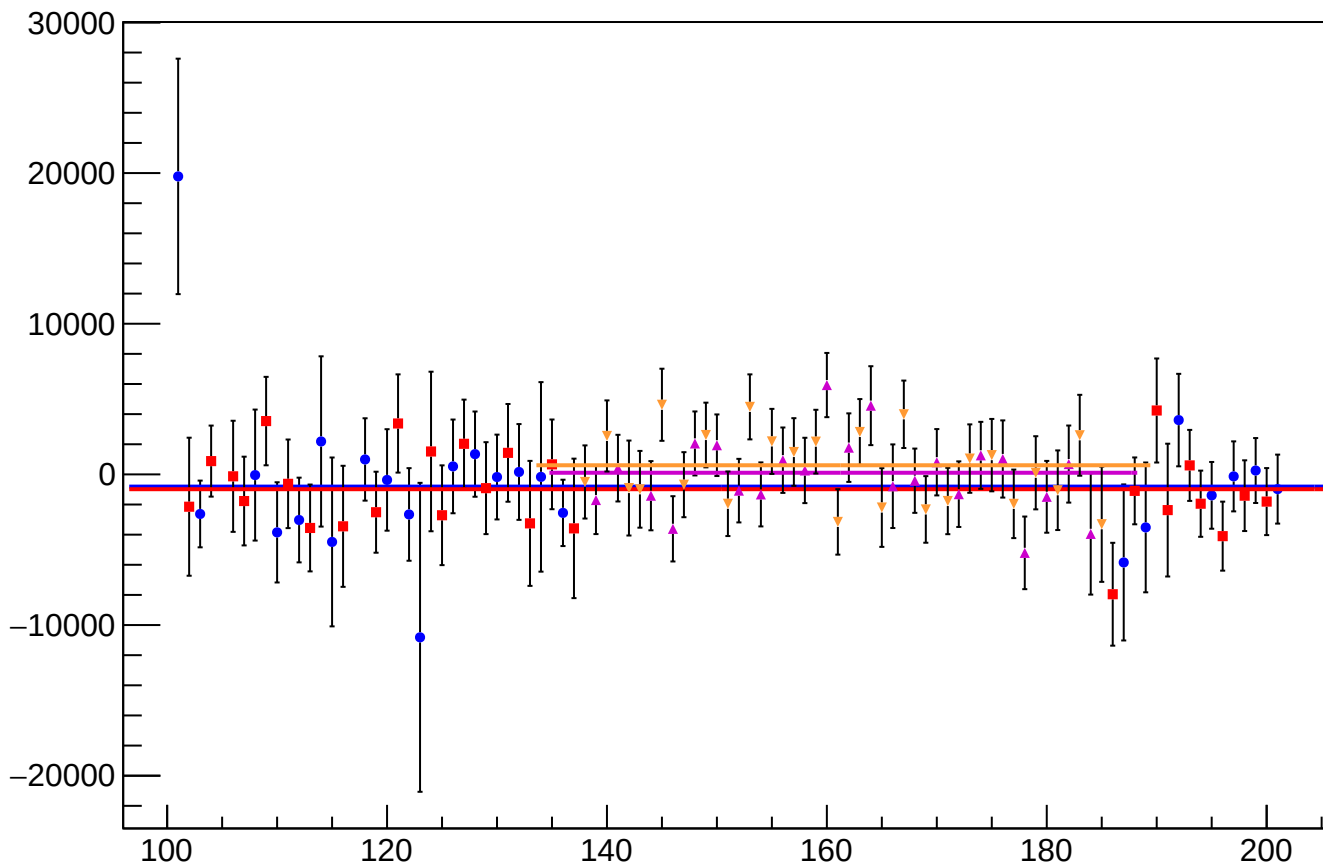
- sign -3554.939 $\pm$ 968.565 χ^2 /NDF: 42.1/49

asym_atr_avg_rms vs Slug



Right In: 5278.694+/-1.183	χ^2/NDF : 2050273.2/23	+ sign 5313.994+/-0.714	χ^2/NDF : 2917088.8/48
Left Out: 5334.221+/-0.895	χ^2/NDF : 865414.3/24	All: 5201.872+/-0.494	χ^2/NDF : 7442225.7/98
Right Out: 4831.721+/-1.039	χ^2/NDF : 3400631.2/26	- sign 5099.035+/-0.684	χ^2/NDF : 4477835.7/49
Left In: 5303.321+/-0.908	χ^2/NDF : 960356.0/22		

dit_asym_atr_dd_mean vs Slug



Right In: -810.683 ± 623.984 χ^2/NDF : 16.9/23

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

Right Out: -983.399 ± 566.846 χ^2/NDF : 18.7/26

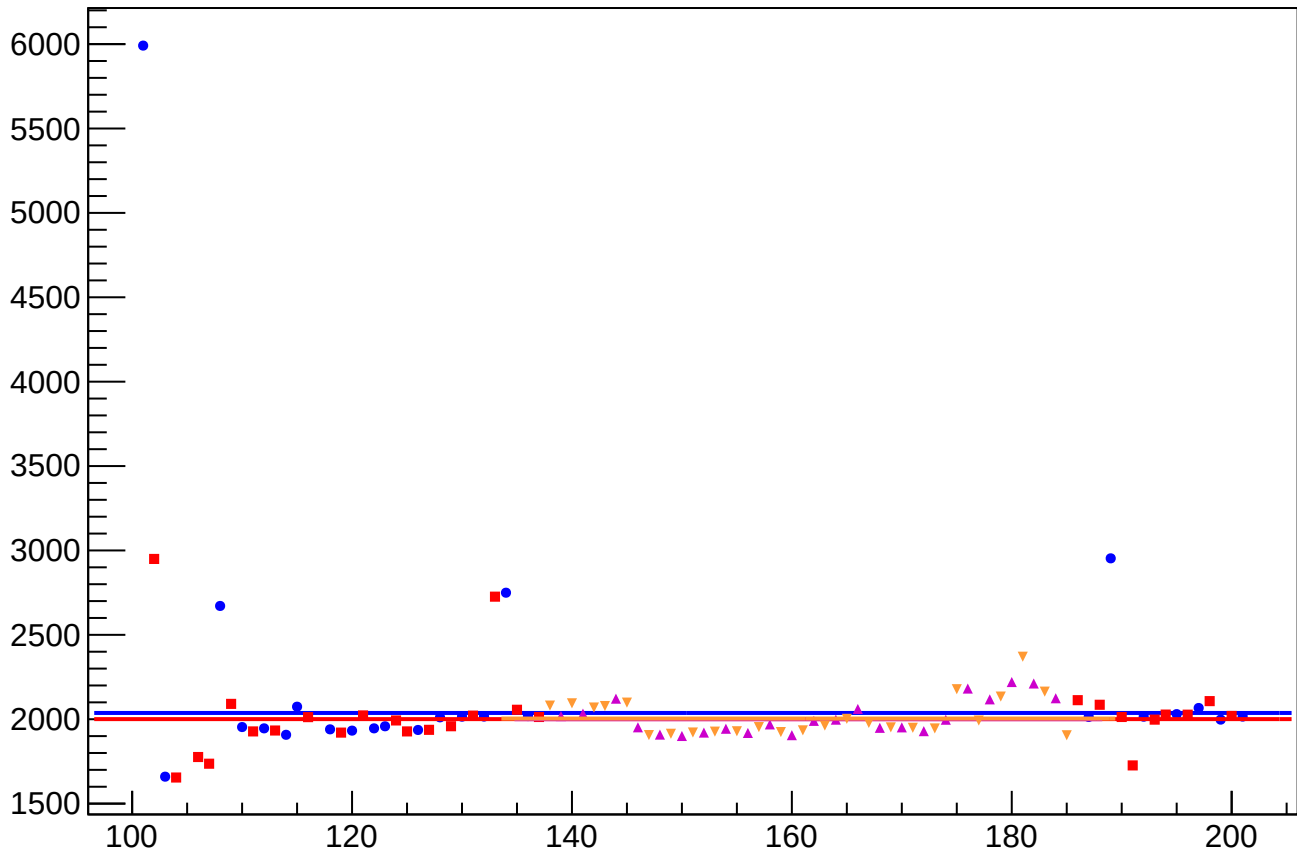
Left In: 108.365 ± 477.899 χ^2/NDF : 25.0/22

+ sign 93.900 ± 375.111 χ^2/NDF : 45.5/48

All: -131.441 ± 261.733 χ^2/NDF : 92.1/98

- sign -345.236 ± 365.374 χ^2/NDF : 45.9/49

dit_asym_atr_dd_rms vs Slug



Right In: 2037.134 $\pm$ 0.441 χ^2 /NDF: 743611.2/23

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

Right Out: 2000.653 $\pm$ 0.401 χ^2 /NDF: 240883.6/26

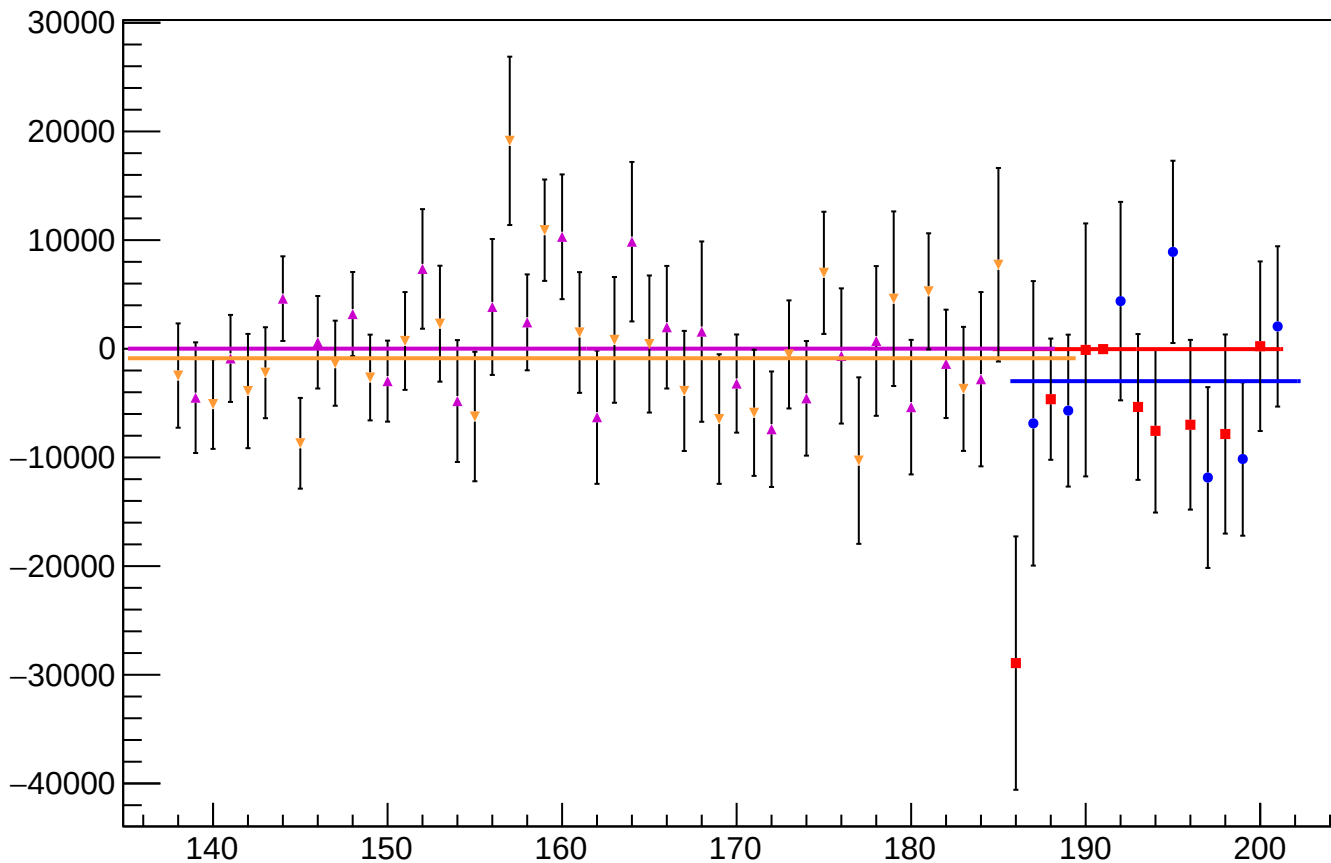
Left In: 2000.119 $\pm$ 0.338 χ^2 /NDF: 79688.8/22

+ sign 2015.966 $\pm$ 0.265 χ^2 /NDF: 847197.1/48

All: 2007.946 $\pm$ 0.185 χ^2 /NDF: 1169551.6/98

- sign 2000.341 $\pm$ 0.258 χ^2 /NDF: 320573.4/49

asym_atr_dd_correction_mean vs Slug



Right In: -2979.512 ± 3080.271 χ^2/NDF : 5.5/6

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

Right Out: -31.220 ± 14.261 χ^2/NDF : 10.0/8

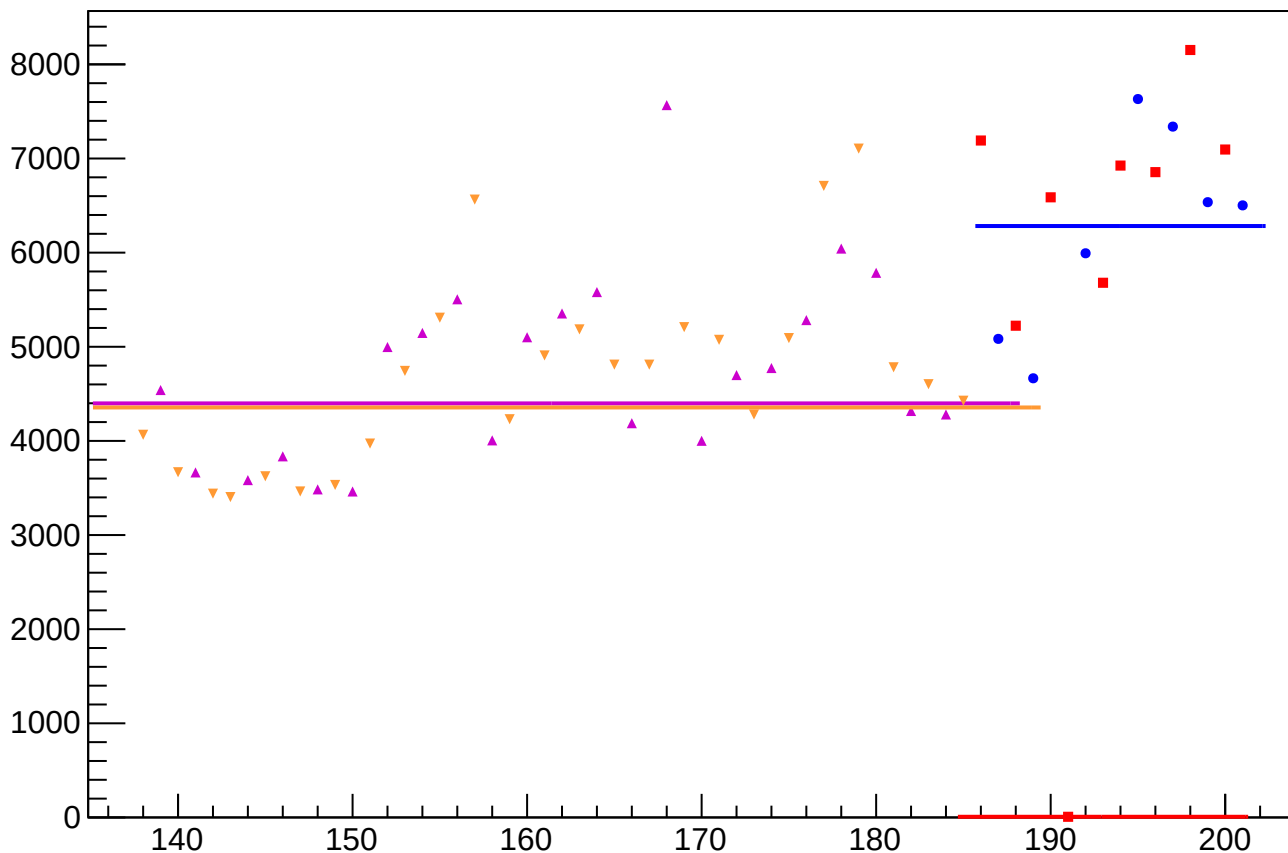
Left In: 10.945 ± 1070.258 χ^2/NDF : 17.2/22

+ sign -1088.294 ± 988.234 χ^2/NDF : 34.3/31

All: -31.432 ± 14.258 χ^2/NDF : 62.6/63

- sign -31.212 ± 14.259 χ^2/NDF : 27.2/31

asym_atr_dd_correction_rms vs Slug



Right In: 6282.651+/-2.178 χ^2/NDF : 214141.3/6

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

Right Out: 7.241+/-0.010 χ^2/NDF : 11040436.1/8

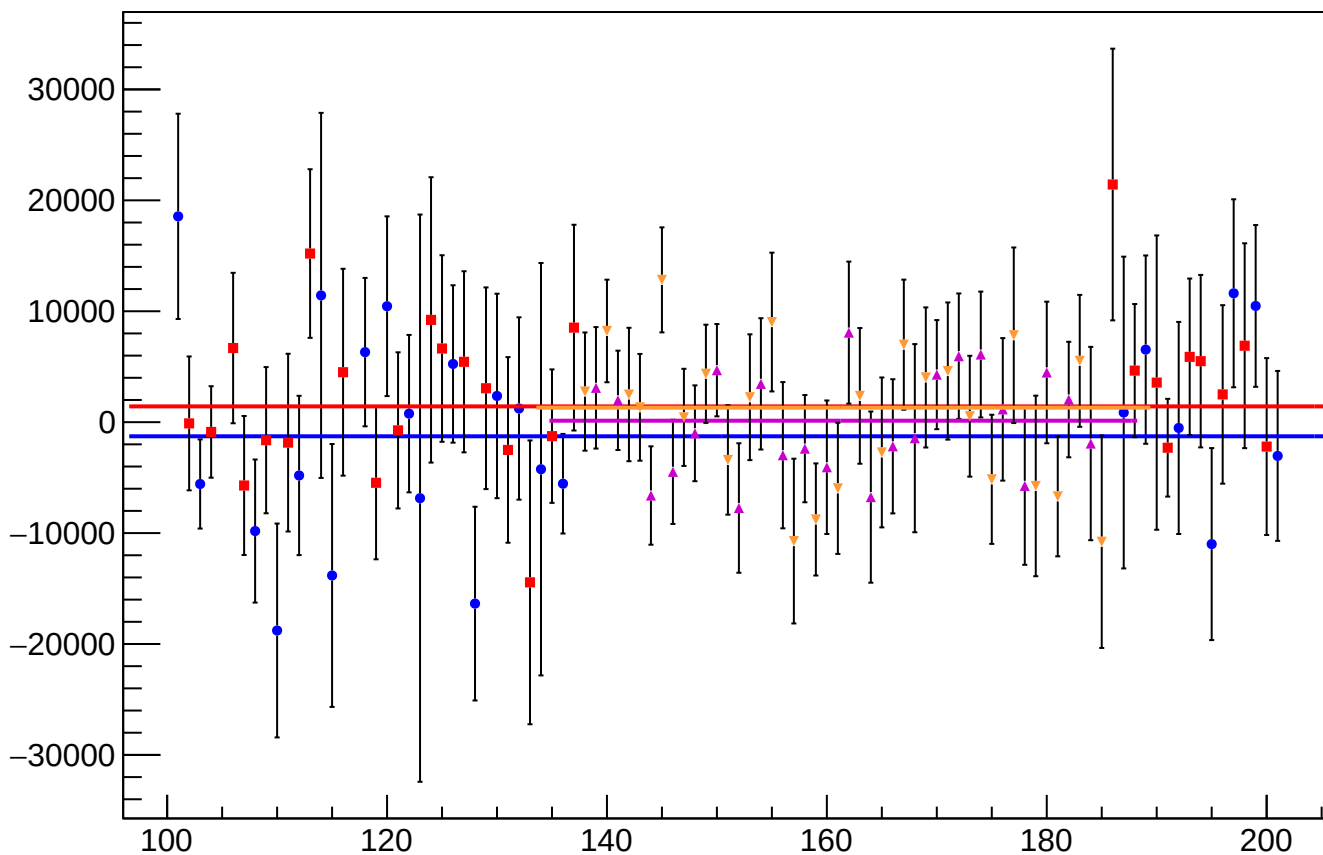
Left In: 4398.421+/-0.757 χ^2/NDF :1278784.1/22

+ sign 4553.595+/-0.699 χ^2/NDF : 2267130.1/31

All: 8.966+/-0.010 χ^2/NDF : 90553776.6/63

- sign 8.020+/-0.010 χ^2/NDF : 45981092.3/31

asym_atr_dd_mean vs Slug



Right In: -1273.334 ± 1576.097 χ^2/NDF : 28.4/23

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

Right Out: 1422.765 ± 1386.660 χ^2/NDF : 15.7/26

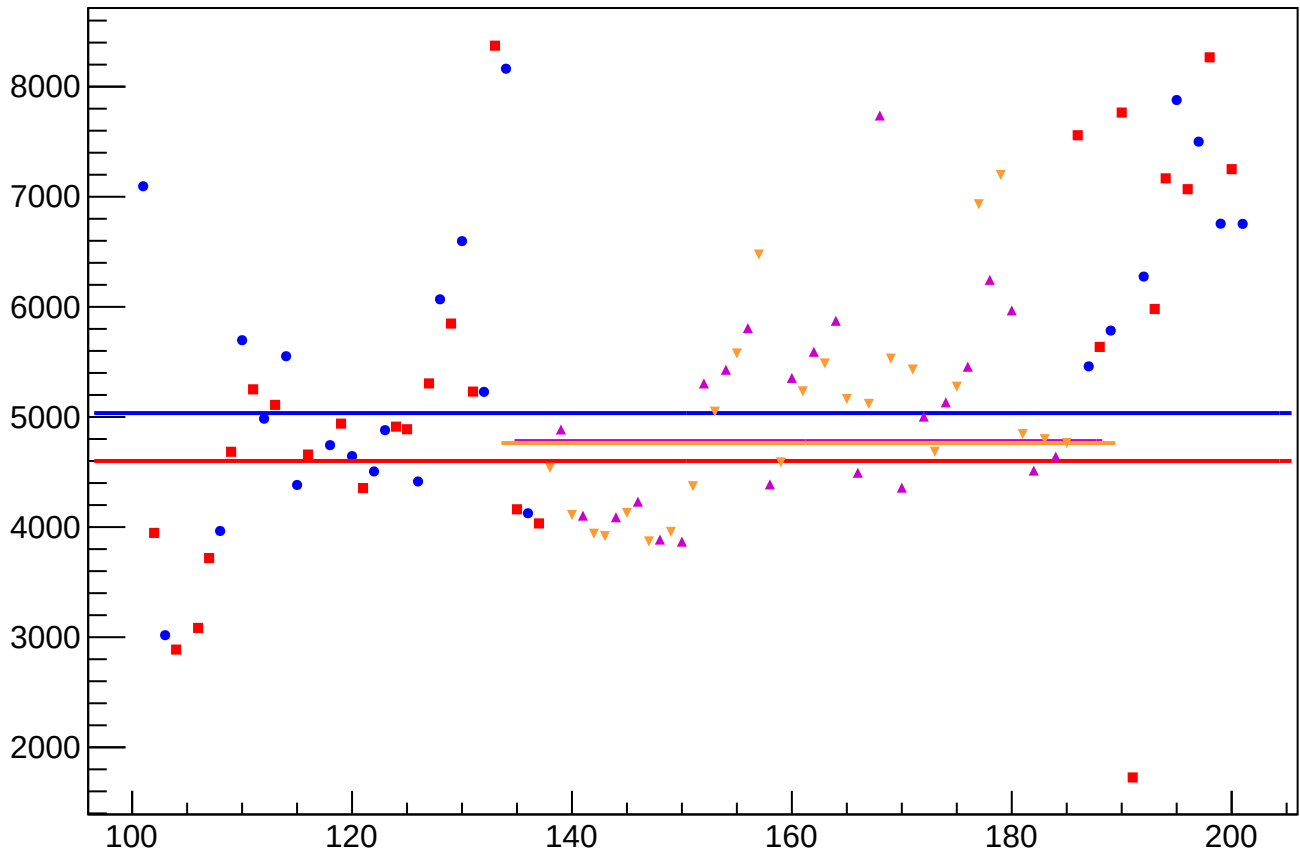
Left In: 131.428 ± 1157.282 χ^2/NDF : 14.9/22

+ sign 429.160 ± 919.223 χ^2/NDF : 58.3/48

All: 549.329 ± 638.851 χ^2/NDF : 89.3/98

- sign 661.601 ± 888.503 χ^2/NDF : 31.0/49

asym_atr_dd_rms vs Slug



Right In: 5035.492+/-1.114 χ^2/NDF : 1583433.8/23

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

Right Out: 4600.575+/-0.977 χ^2/NDF : 2974542.0/26

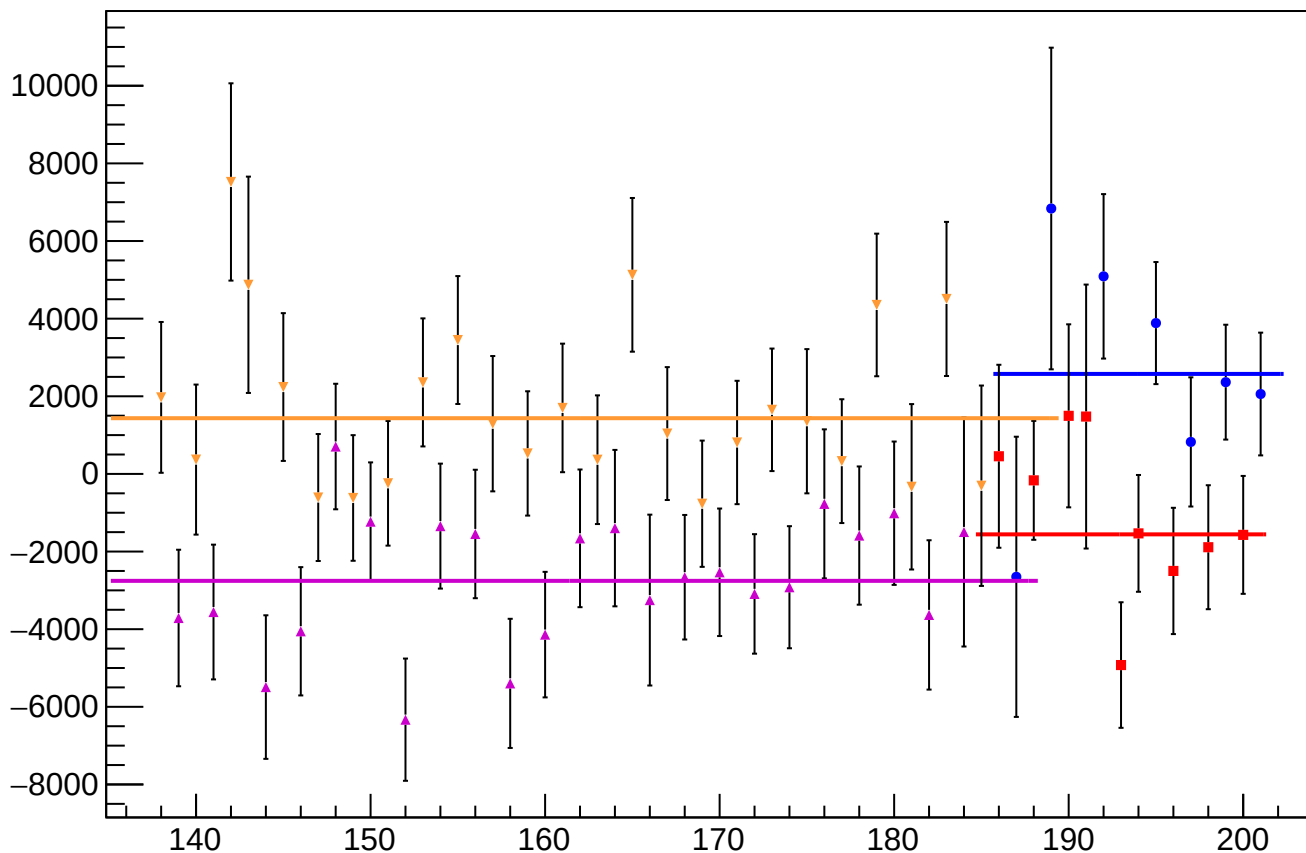
Left In: 4781.172+/-0.818 χ^2/NDF : 951542.2/22

+ sign 4855.815+/-0.650 χ^2/NDF : 2564682.9/48

All: 4778.608+/-0.451 χ^2/NDF : 6538102.1/98

- sign 4706.698+/-0.627 χ^2/NDF : 3946169.0/49

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2576.173 $\pm$ 710.655 χ^2 /NDF: 6.5/6

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

Right Out: -1557.159 $\pm$ 587.191 χ^2 /NDF: 8.7/8

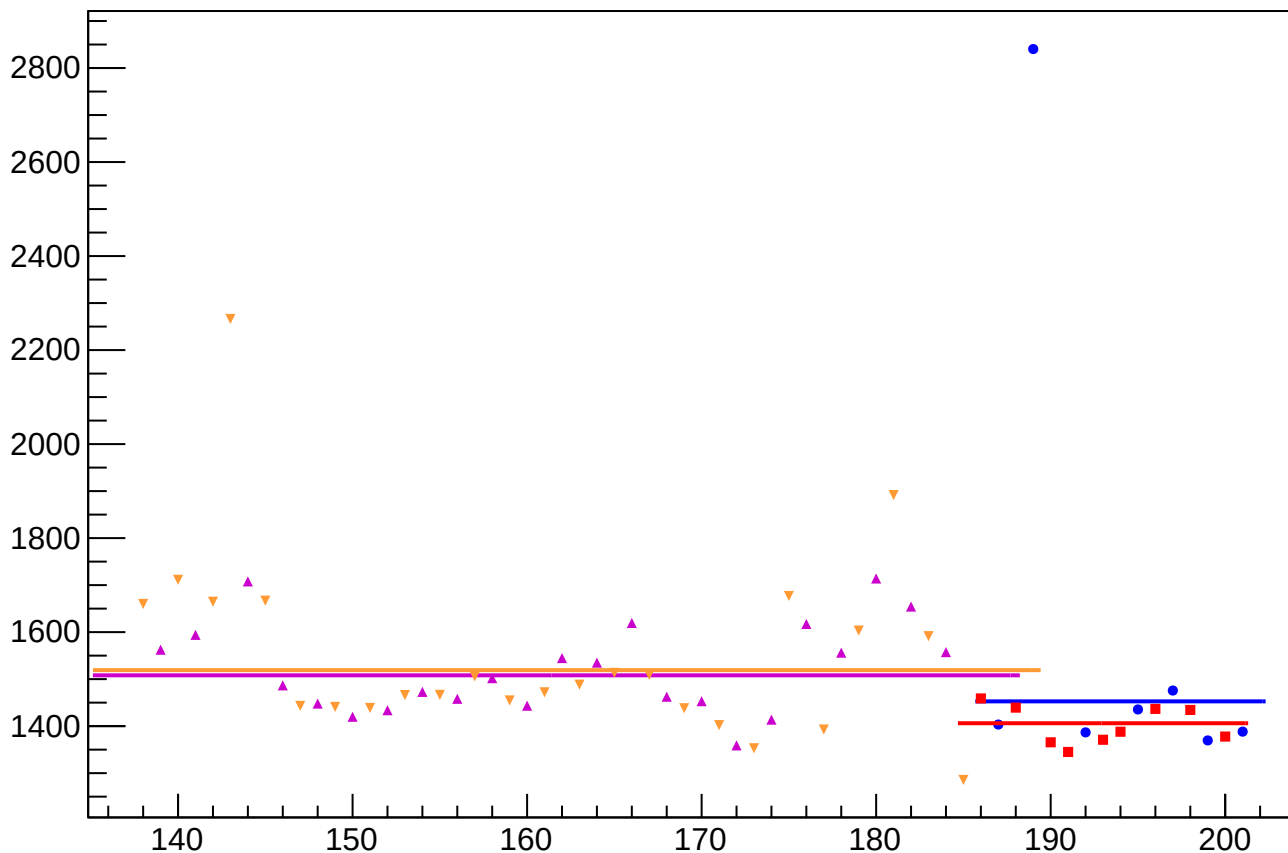
Left In: -2754.889 $\pm$ 361.672 χ^2 /NDF:22.4/22

+ sign 1666.568 $\pm$ 319.849 χ^2 /NDF: 35.3/31

All: -457.017 $\pm$ 221.839 χ^2 /NDF: 154.3/63

- sign -2425.472 $\pm$ 307.945 χ^2 /NDF: 34.1/31

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1452.712 $\pm$ 0.503 χ^2 /NDF: 236889.6/6

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

Right Out: 1406.176 $\pm$ 0.415 χ^2 /NDF: 6437.5/8

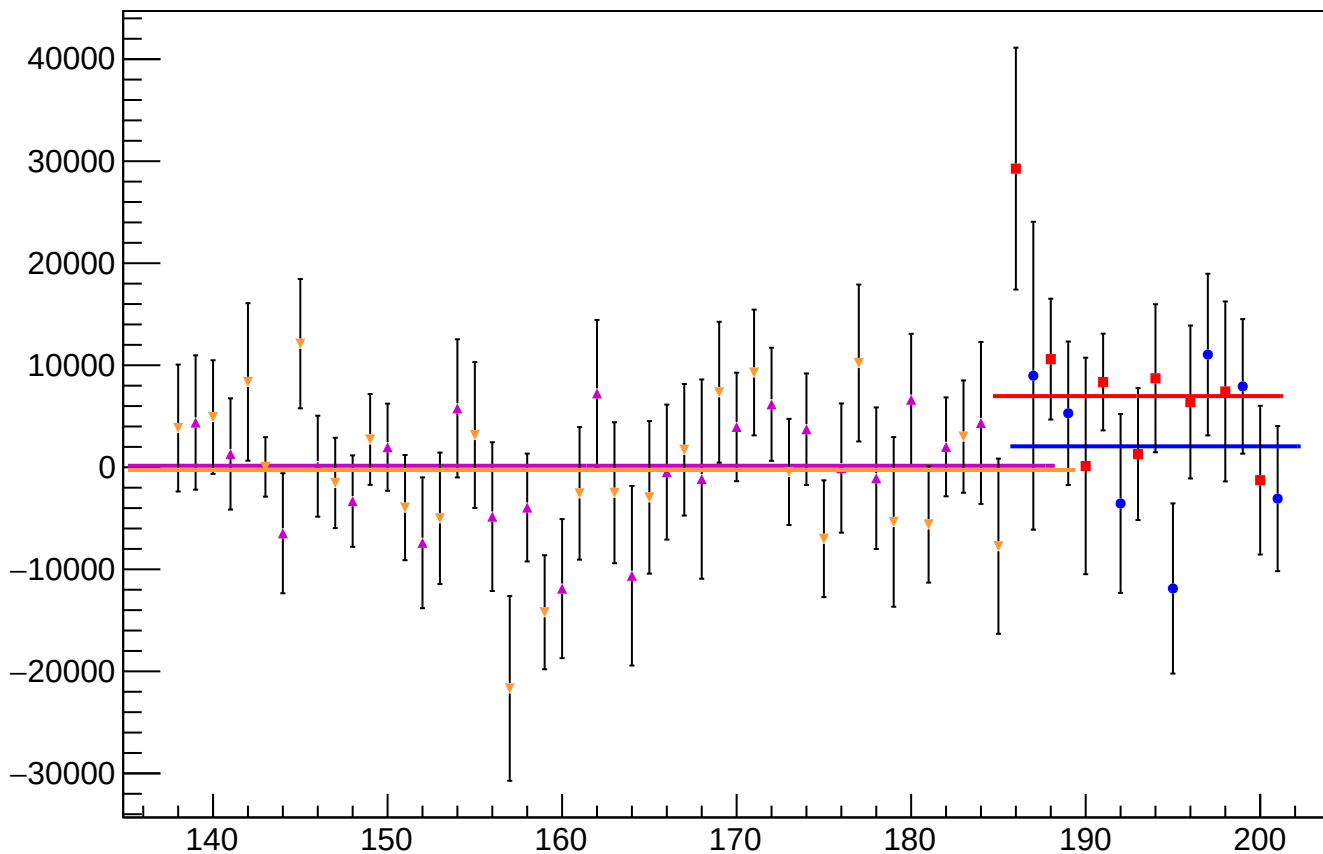
Left In: 1508.111 $\pm$ 0.256 χ^2 /NDF: 131488.7/22

+ sign 1505.646 $\pm$ 0.226 χ^2 /NDF: 616643.6/31

All: 1492.376 $\pm$ 0.157 χ^2 /NDF: 804898.7/63

- sign 1480.076 $\pm$ 0.218 χ^2 /NDF: 181621.8/31

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 2055.356 $\pm$ 3005.399 χ^2 /NDF: 6.2/6

Left Out: -264.324 $\pm$ 1151.119 χ^2 /NDF:29.7/24

Right Out: 6978.576 $\pm$ 2347.756 χ^2 /NDF: 6.5/8

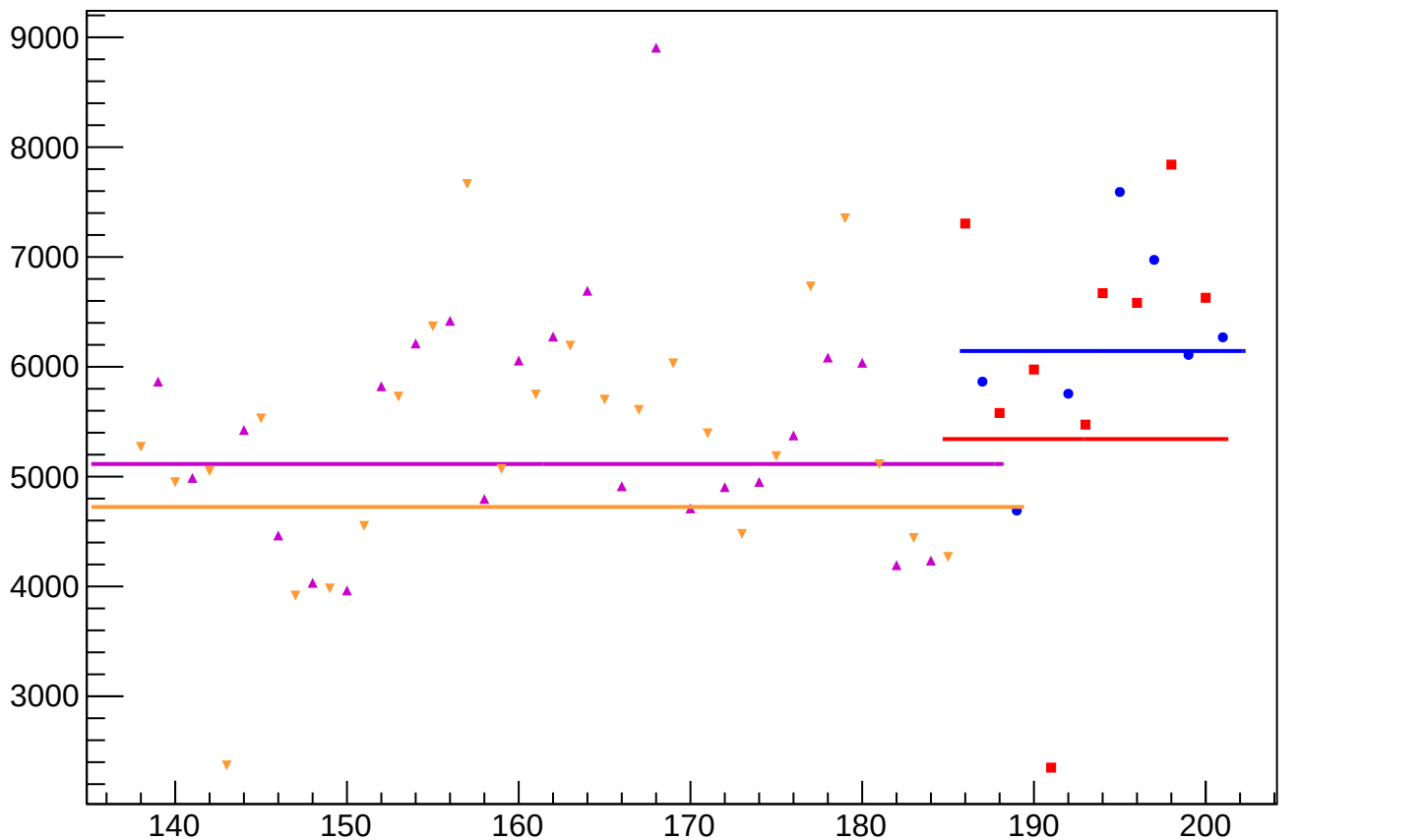
Left In: 151.239 $\pm$ 1241.800 χ^2 /NDF:14.9/22

+ sign 32.442 $\pm$ 1074.967 χ^2 /NDF: 36.4/31

All: 821.233 $\pm$ 768.030 χ^2 /NDF: 65.5/63

- sign 1643.749 $\pm$ 1097.706 χ^2 /NDF: 28.0/31

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 6143.789+/-2.125 χ^2/NDF : 172912.1/6

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

Right Out: 5342.365+/-1.660 χ^2/NDF : 1206979.0/8

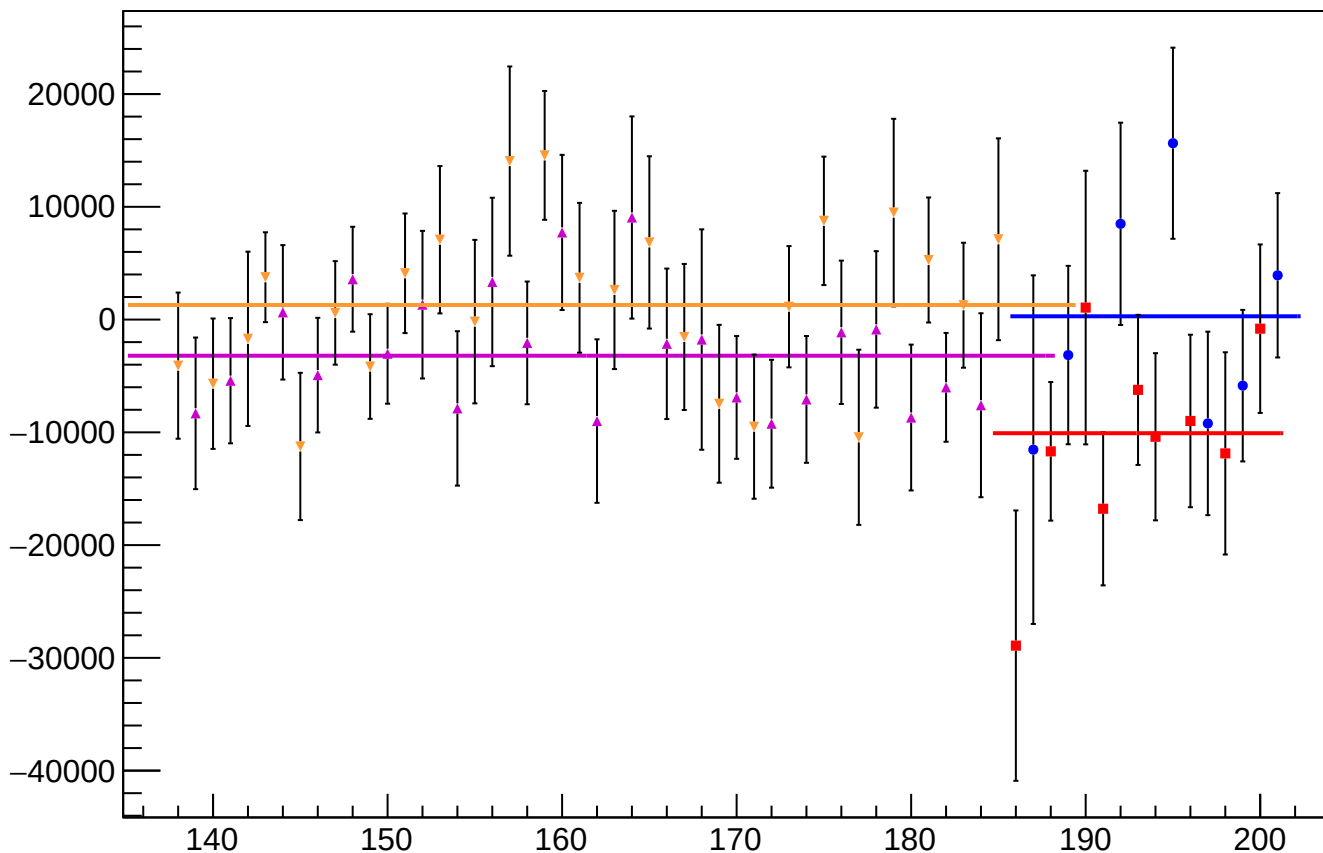
Left In: 5115.139+/-0.878 χ^2/NDF : 1131347.2/22

+ sign 4905.663+/-0.760 χ^2/NDF : 3099674.3/31

All: 5032.526+/-0.543 χ^2/NDF : 5509541.3/63

- sign 5164.813+/-0.776 χ^2/NDF : 2352965.1/31

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 291.362 ± 3121.957 χ^2/NDF : 7.3/6

Left Out: 1292.246 ± 1215.761 χ^2/NDF : 27.8/24

Right Out: -10075.965 ± 2580.951 χ^2/NDF : 6.3/8

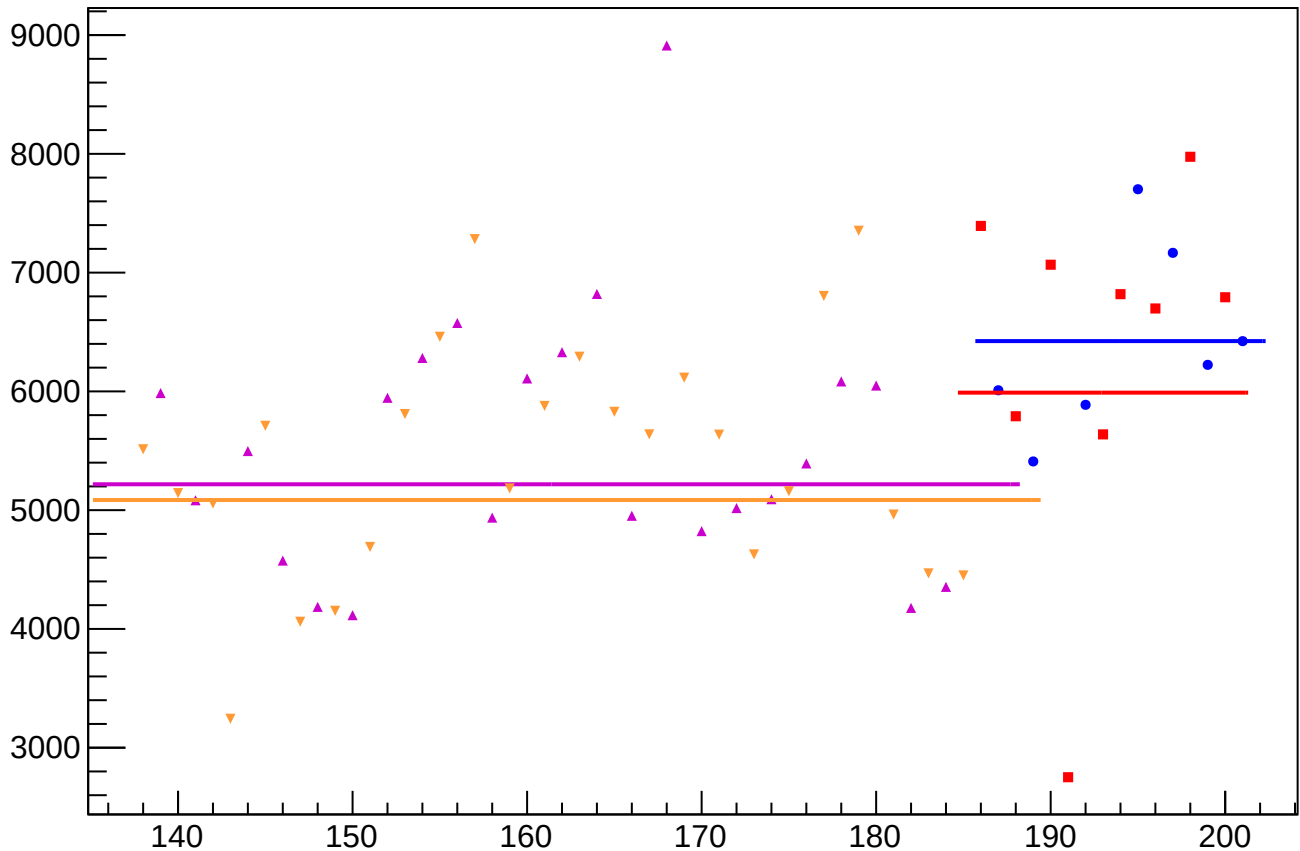
Left In: -3205.363 ± 1265.586 χ^2/NDF : 13.9/22

+ sign 1160.449 ± 1132.891 χ^2/NDF : 35.2/31

All: -1679.738 ± 802.286 χ^2/NDF : 73.7/63

- sign -4537.166 ± 1136.324 χ^2/NDF : 25.9/31

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 6423.448 ± 2.208 χ^2/NDF : 105390.7/6

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

Right Out: 5989.497 ± 1.825 χ^2/NDF : 668657.2/8

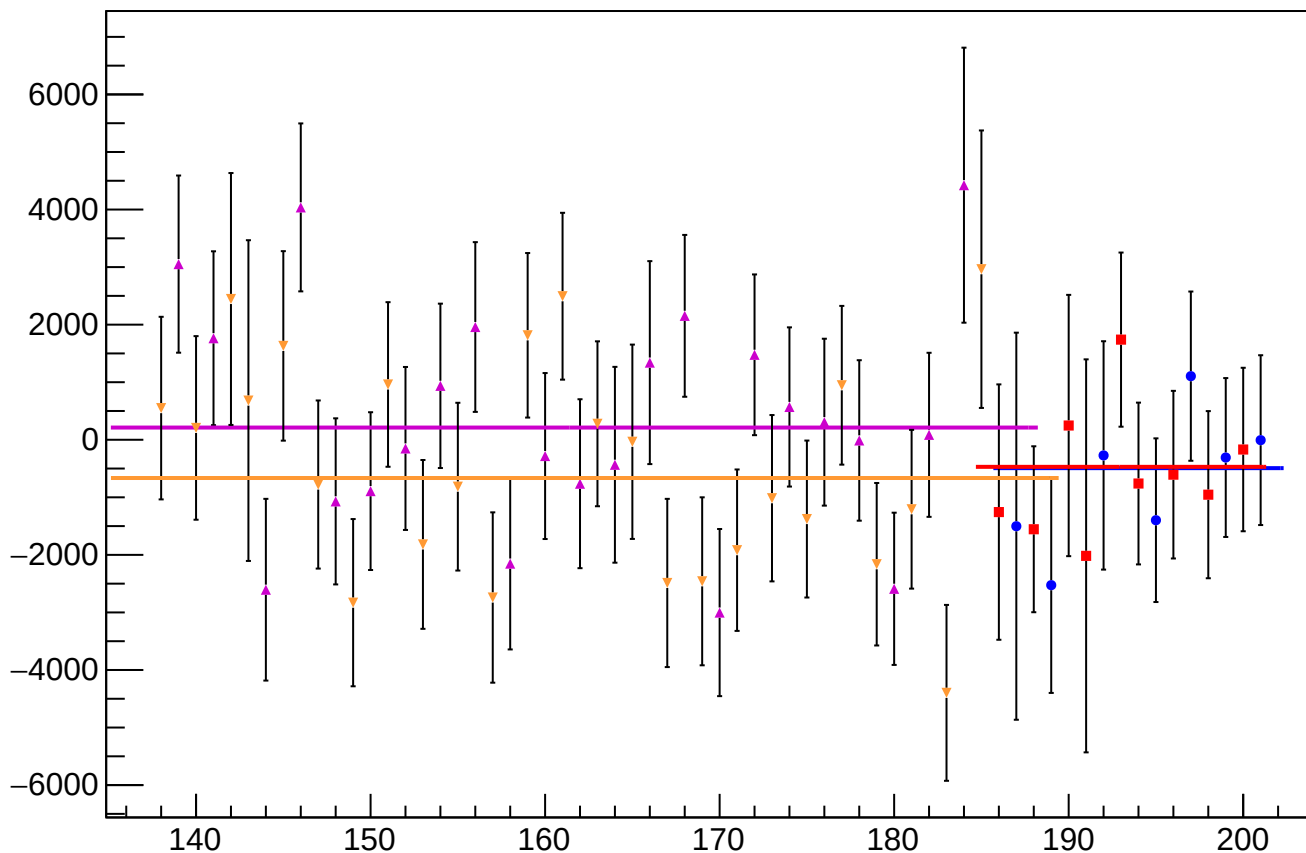
Left In: 5217.971 ± 0.895 χ^2/NDF : 1058996.1/22

+ sign 5261.514 ± 0.801 χ^2/NDF : 1781139.8/31

All: 5314.359 ± 0.567 χ^2/NDF : 3661599.6/63

- sign 5367.525 ± 0.804 χ^2/NDF : 1871729.9/31

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -493.058 ± 623.875 χ^2/NDF : 3.0/6

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

Right Out: -470.519 ± 546.441 χ^2/NDF : 3.3/8

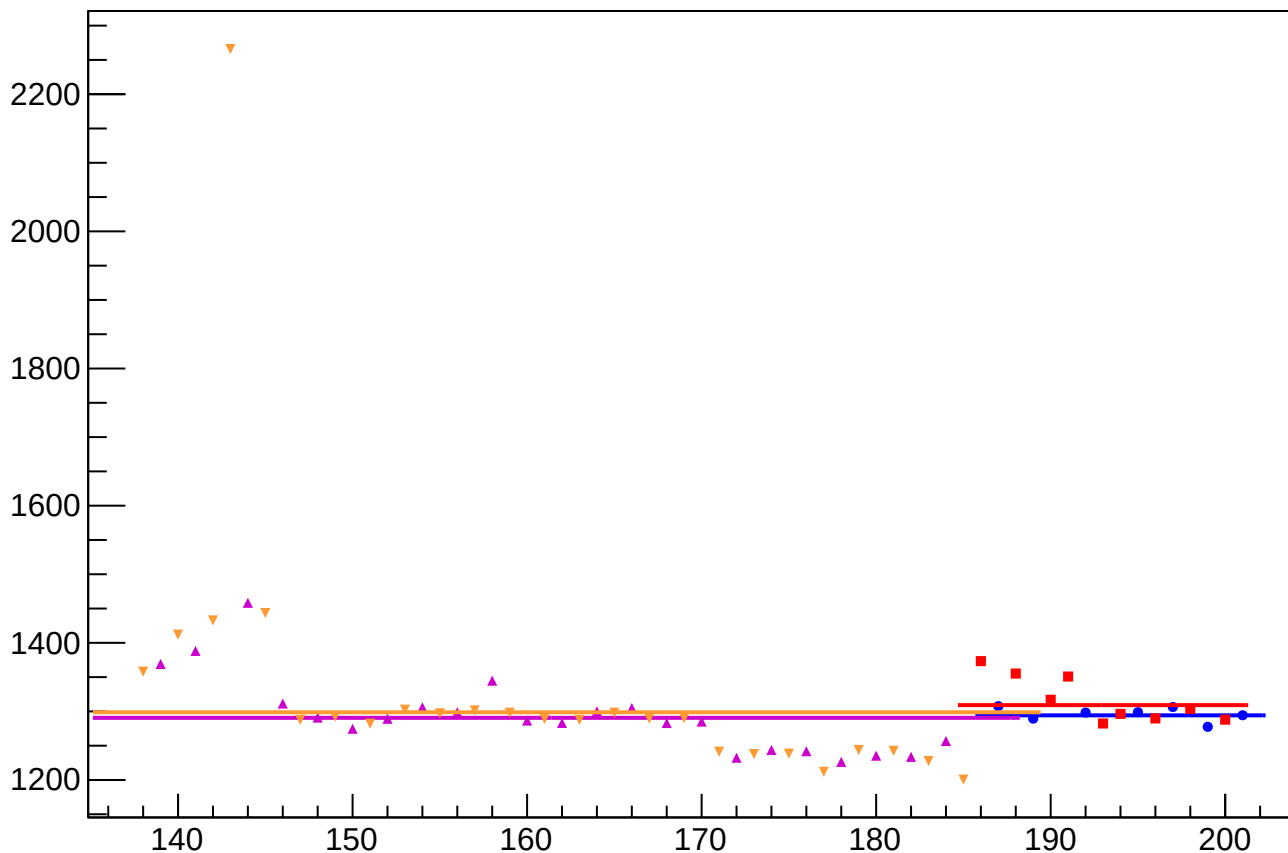
Left In: 212.071 ± 308.597 χ^2/NDF : 36.6/22

+ sign -631.297 ± 274.094 χ^2/NDF : 37.7/31

All: -285.411 ± 191.881 χ^2/NDF : 81.9/63

- sign 47.014 ± 268.708 χ^2/NDF : 41.2/31

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1294.261 $\pm$ 0.441 χ^2 /NDF: 503.8/6

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

Right Out: 1309.140 $\pm$ 0.386 χ^2 /NDF: 5648.2/8

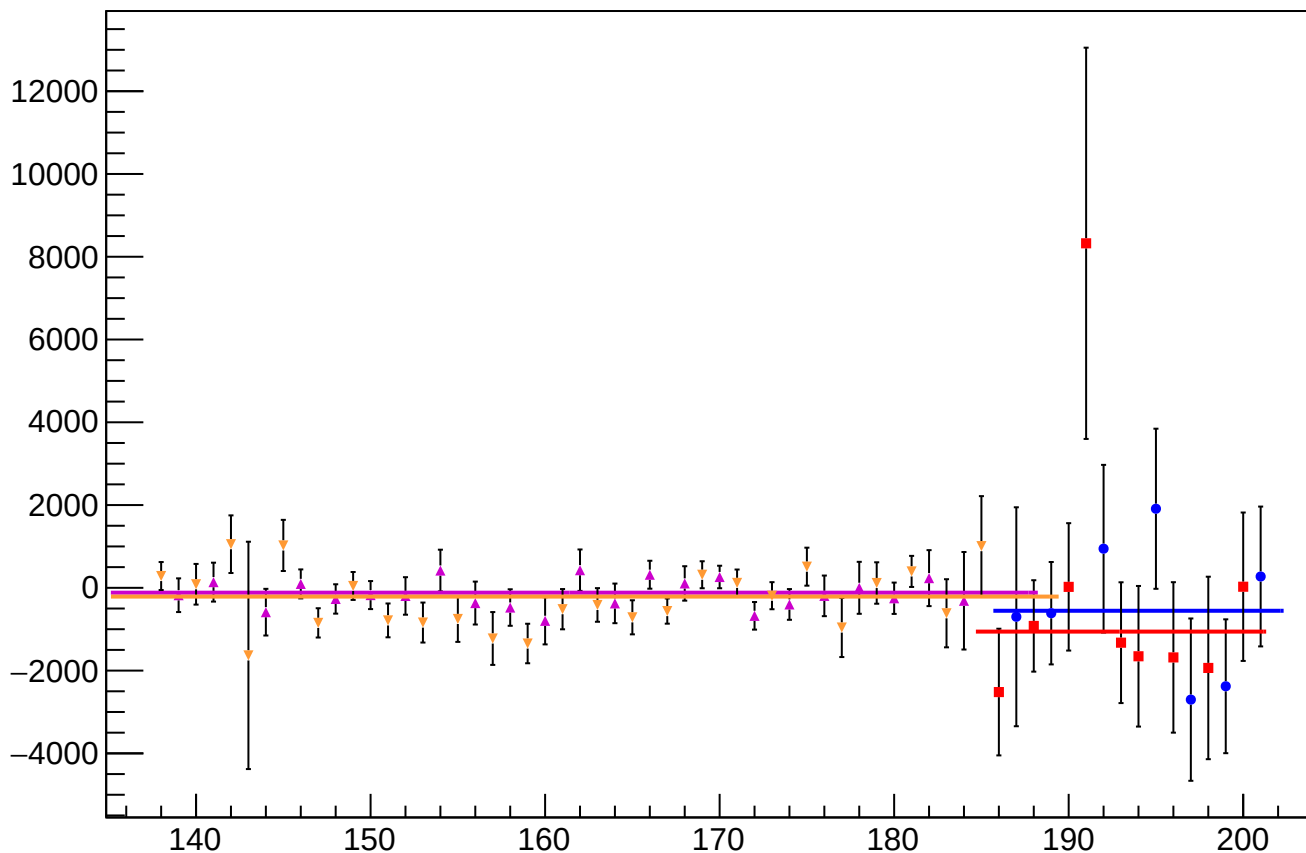
Left In: 1290.644 $\pm$ 0.218 χ^2 /NDF: 59427.8/22

+ sign 1297.878 $\pm$ 0.194 χ^2 /NDF: 310931.9/31

All: 1296.470 $\pm$ 0.136 χ^2 /NDF: 377848.6/63

- sign 1295.117 $\pm$ 0.190 χ^2 /NDF: 66813.1/31

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -554.391 ± 659.385 $\chi^2/\text{NDF}: 4.9/6$

Left Out: -211.646 ± 87.670 $\chi^2/\text{NDF}: 41.7/24$

Right Out: -1057.619 ± 546.457 $\chi^2/\text{NDF}: 6.2/8$

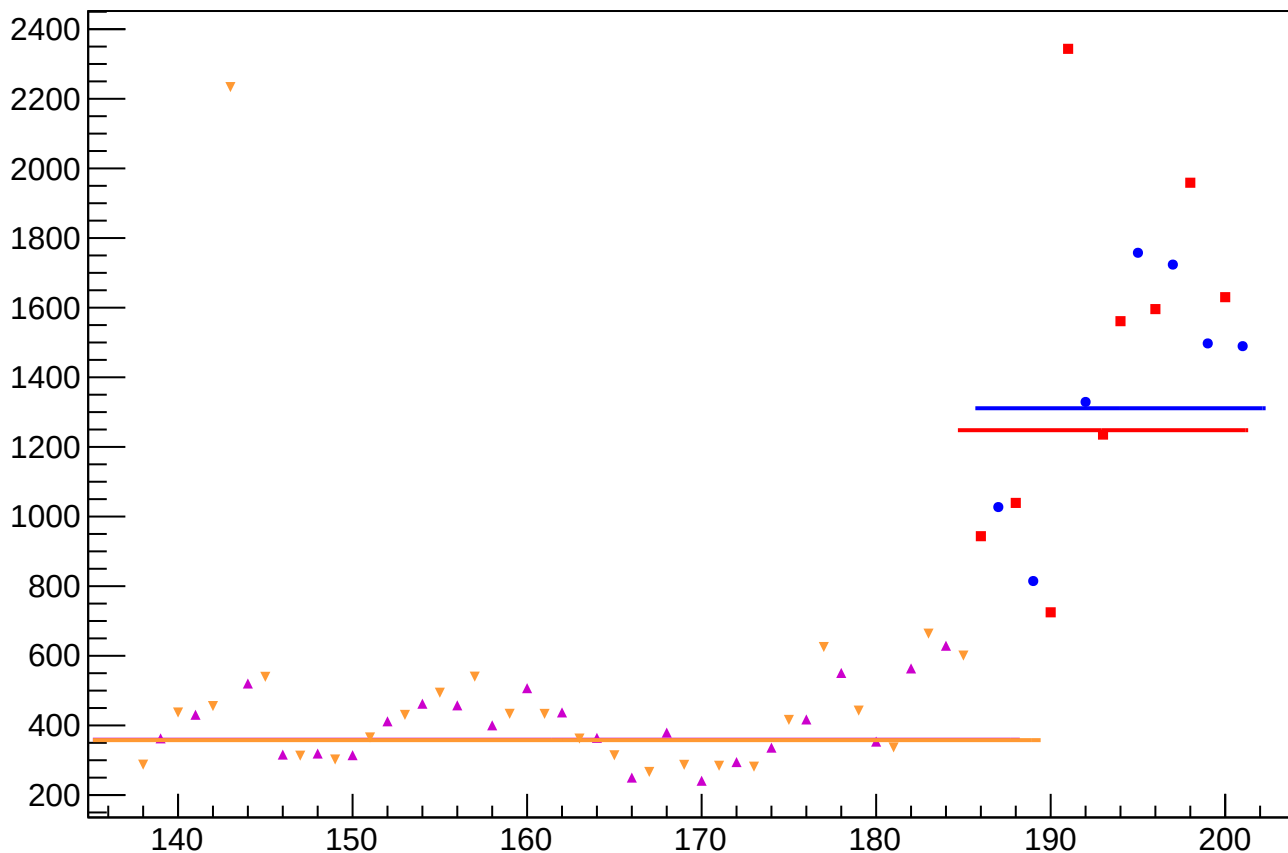
Left In: -117.113 ± 88.214 $\chi^2/\text{NDF}: 14.3/22$

+ sign -217.599 ± 86.905 $\chi^2/\text{NDF}: 46.8/31$

All: -179.380 ± 61.515 $\chi^2/\text{NDF}: 70.6/63$

- sign -141.000 ± 87.087 $\chi^2/\text{NDF}: 23.3/31$

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 1311.087 $\pm$ 0.466 χ^2 /NDF: 588998.9/6

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

Right Out: 1248.048 $\pm$ 0.386 χ^2 /NDF: 929255.7/8

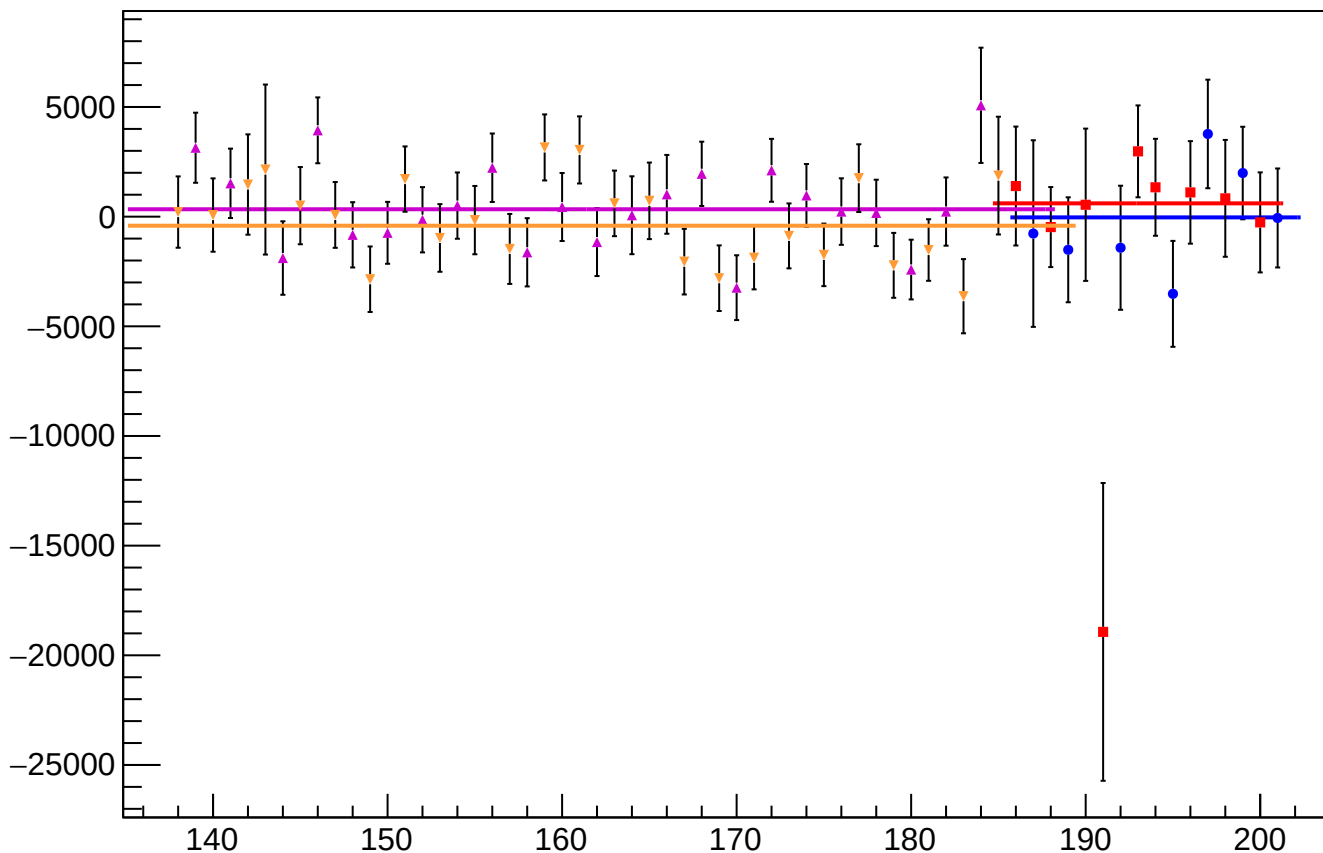
Left In: 359.000 $\pm$ 0.062 χ^2 /NDF: 1858849.9/22

+ sign 374.309 $\pm$ 0.061 χ^2 /NDF: 7739104.9/31

All: 377.937 $\pm$ 0.043 χ^2 /NDF: 15693559.3/63

- sign 381.580 $\pm$ 0.062 χ^2 /NDF: 7947469.5/31

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -33.510 ± 948.885 χ^2/NDF : 6.0/6

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

Right Out: 606.498 ± 819.203 χ^2/NDF : 10.3/8

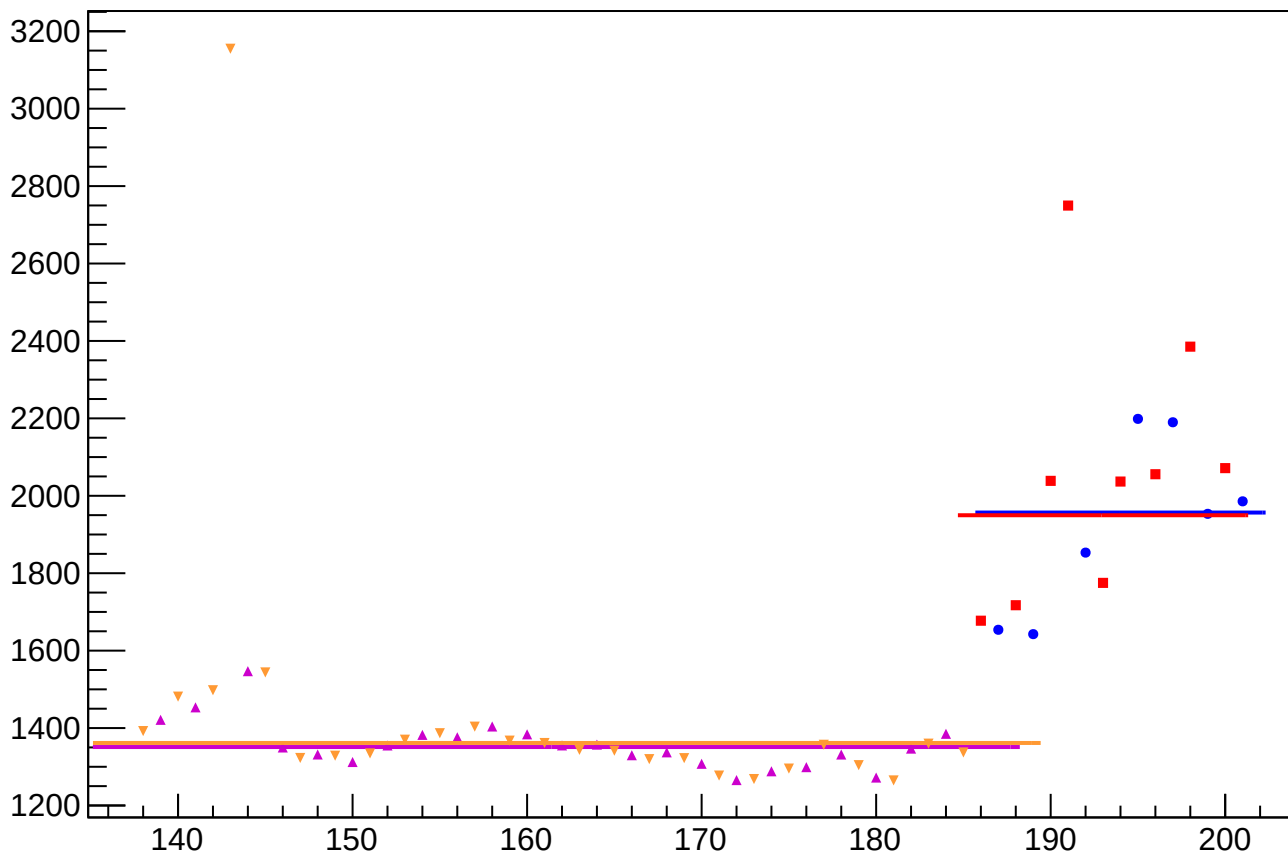
Left In: 337.193 ± 323.023 χ^2/NDF : 32.8/22

+ sign -374.466 ± 303.797 χ^2/NDF : 39.0/31

All: 3.557 ± 213.644 χ^2/NDF : 85.2/63

- sign 373.431 ± 300.505 χ^2/NDF : 43.2/31

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1956.706 $\pm$ 0.671 χ^2 /NDF: 85467.2/6

Left Out: 1361.511 $\pm$ 0.227 χ^2 /NDF: 507869.8/24

Right Out: 1949.760 $\pm$ 0.579 χ^2 /NDF: 162013.4/8

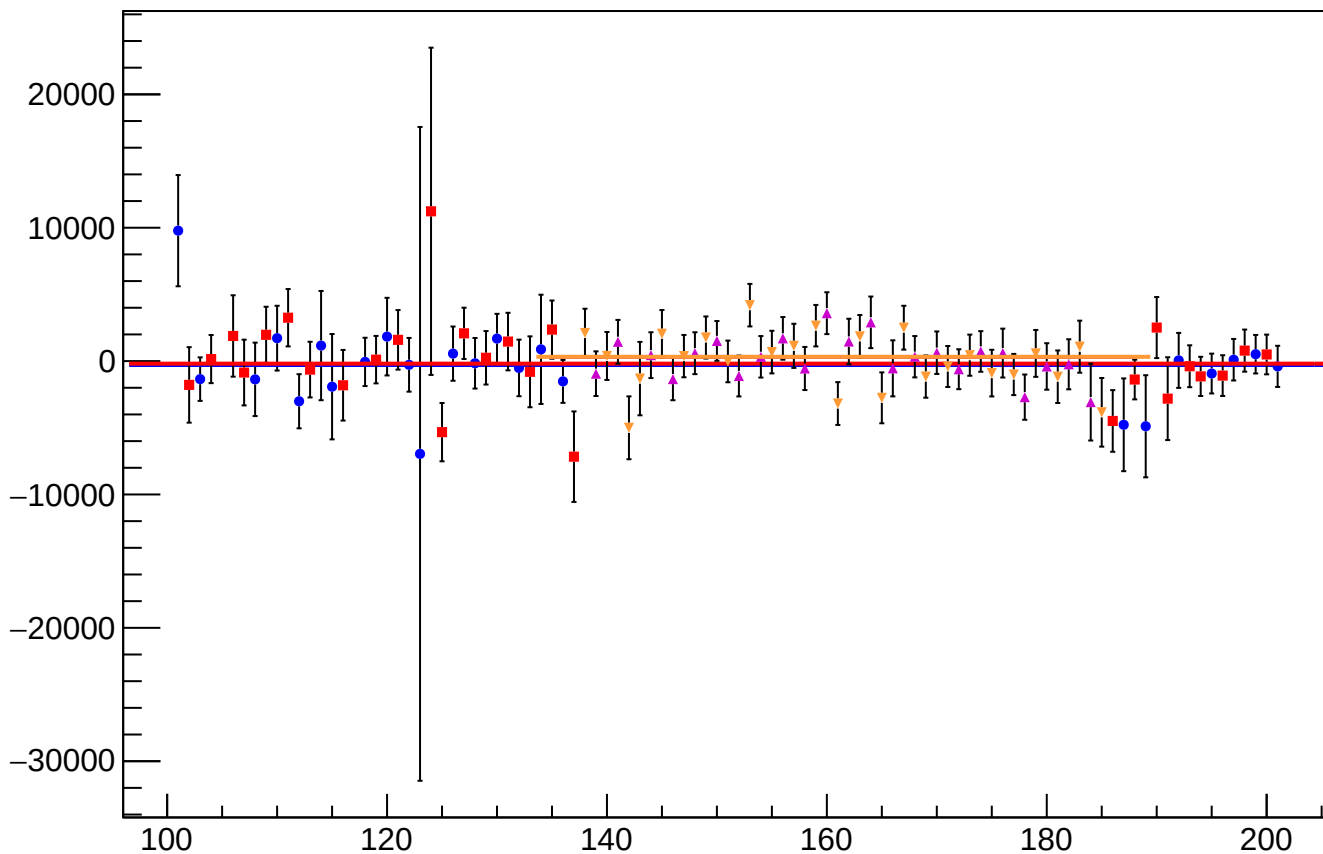
Left In: 1351.012 $\pm$ 0.228 χ^2 /NDF: 68978.1/22

+ sign 1422.520 $\pm$ 0.215 χ^2 /NDF: 1299580.9/31

All: 1427.100 $\pm$ 0.151 χ^2 /NDF: 2456105.3/63

- sign 1431.581 $\pm$ 0.212 χ^2 /NDF: 1155625.2/31

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -292.141 ± 430.384 χ^2/NDF : 15.5/23

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

Right Out: -191.343 ± 392.069 χ^2/NDF : 27.2/26

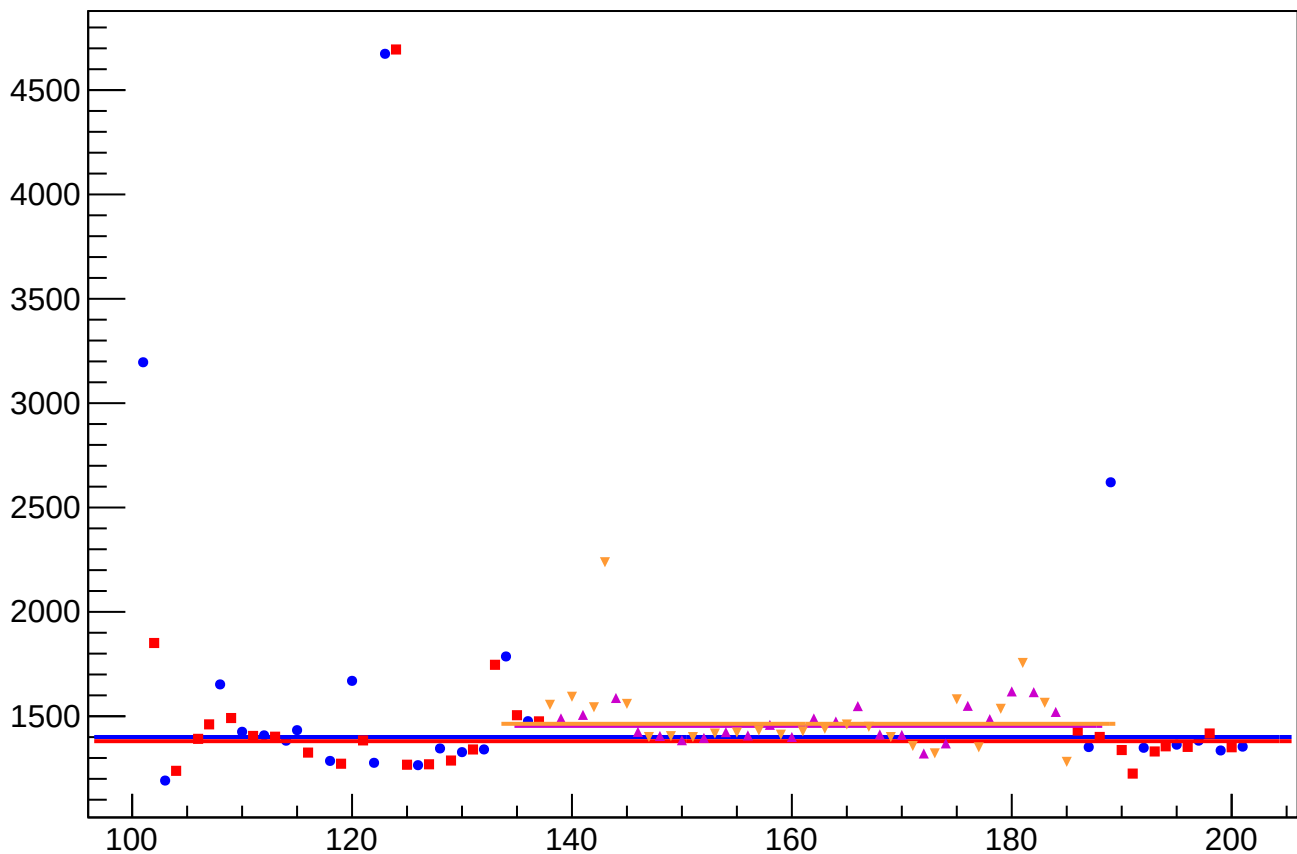
Left In: 310.833 ± 348.292 χ^2/NDF : 16.8/22

+ sign 80.868 ± 269.018 χ^2/NDF : 49.2/48

All: 85.239 ± 187.098 χ^2/NDF : 94.2/98

- sign 89.335 ± 260.387 χ^2/NDF : 45.0/49

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1400.548 $\pm$ 0.304 χ^2 /NDF: 738479.9/23

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

Right Out: 1380.472 $\pm$ 0.277 χ^2 /NDF: 304985.1/26

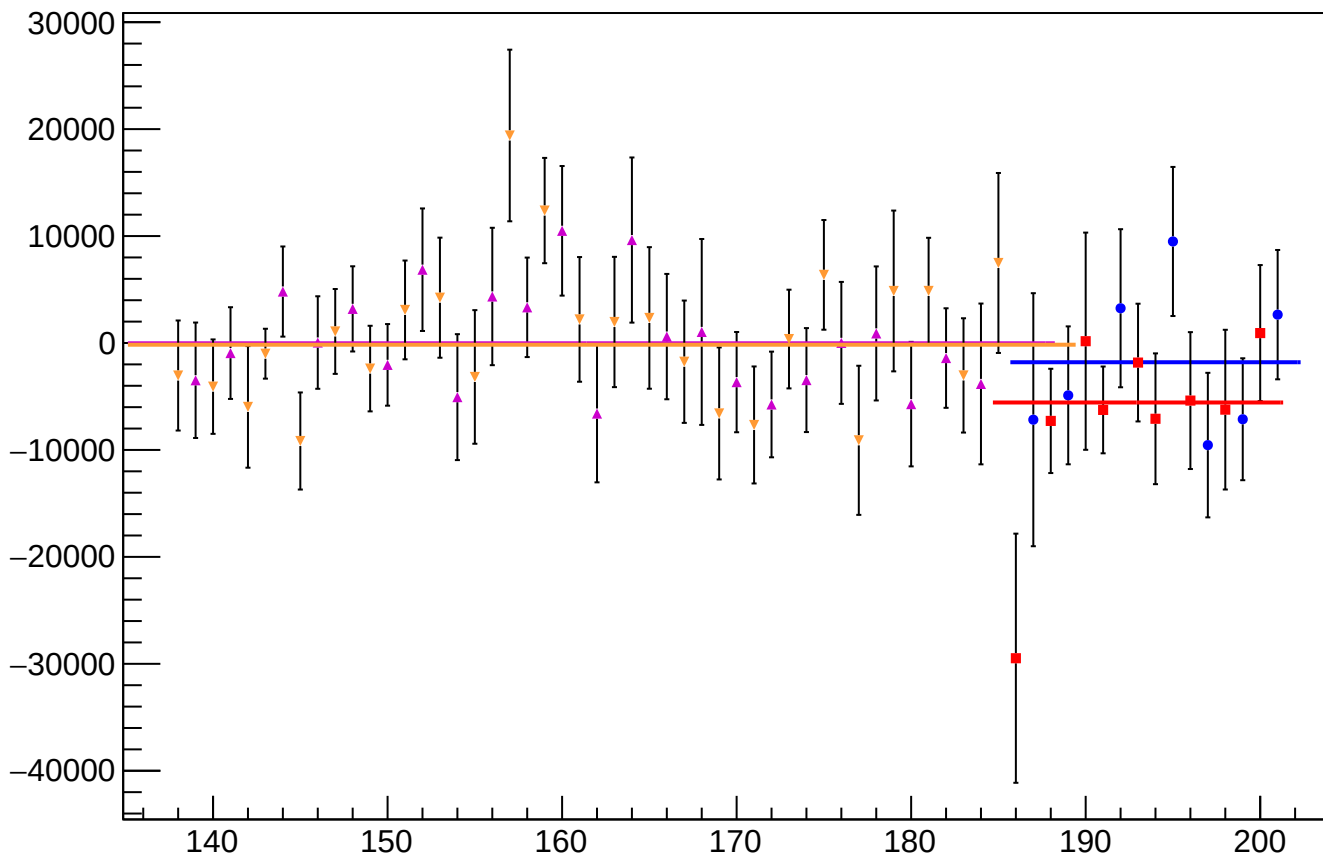
Left In: 1453.763 $\pm$ 0.246 χ^2 /NDF: 99224.2/22

+ sign 1439.034 $\pm$ 0.190 χ^2 /NDF: 1075220.3/48

All: 1429.941 $\pm$ 0.132 χ^2 /NDF: 1522930.5/98

- sign 1421.425 $\pm$ 0.184 χ^2 /NDF: 443285.2/49

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -1798.925+/-2581.218 χ^2/NDF : 6.3/6

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

Right Out: -5563.296+/-2013.413 χ^2/NDF : 6.3/8

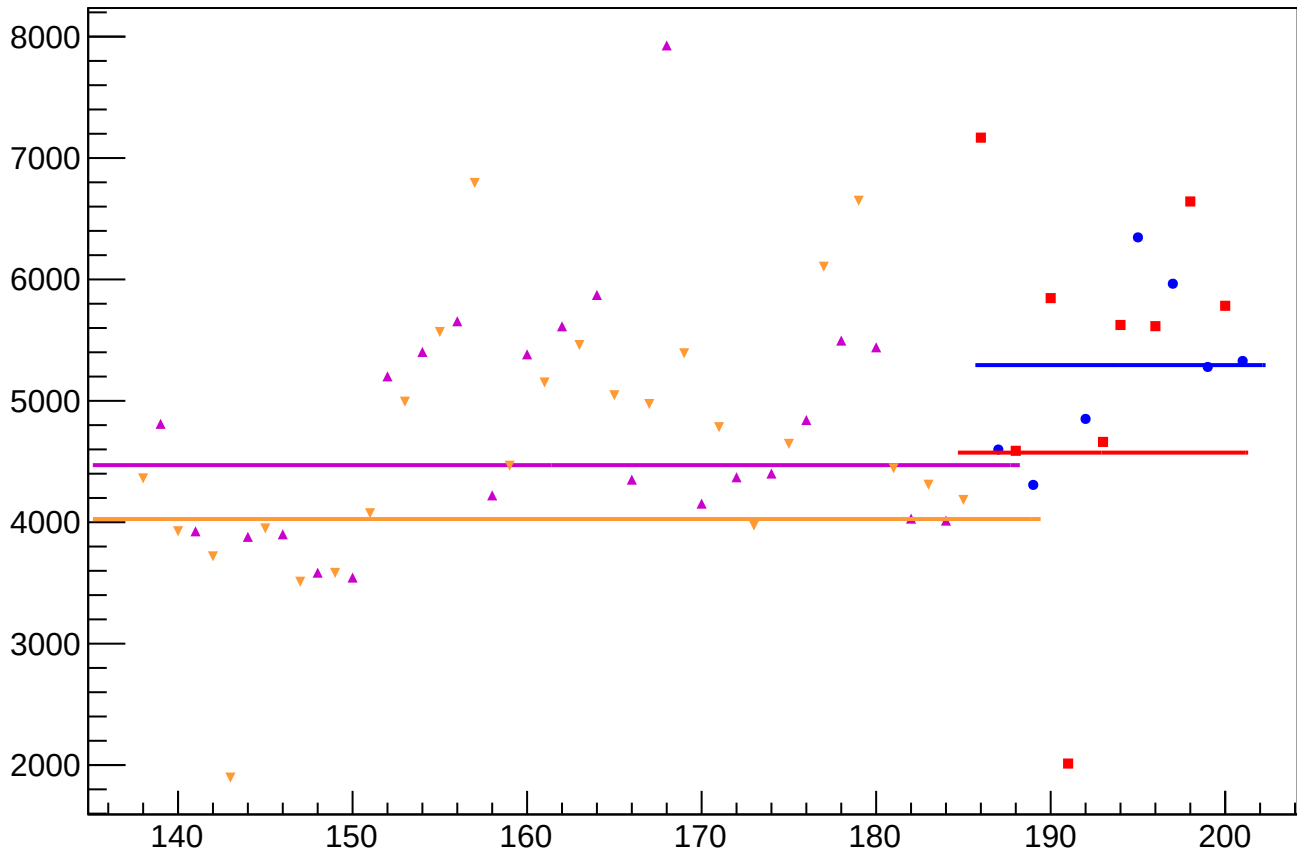
Left In: -26.926+/-1085.415 χ^2/NDF : 15.3/22

+ sign -370.035+/-923.814 χ^2/NDF : 36.3/31

All: -806.622+/-664.129 χ^2/NDF : 64.2/63

- sign -1273.599+/-955.425 χ^2/NDF : 27.4/31

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 5294.400+/-1.825 χ^2/NDF : 126225.3/6

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

Right Out: 4573.663+/-1.424 χ^2/NDF : 1265683.0/8

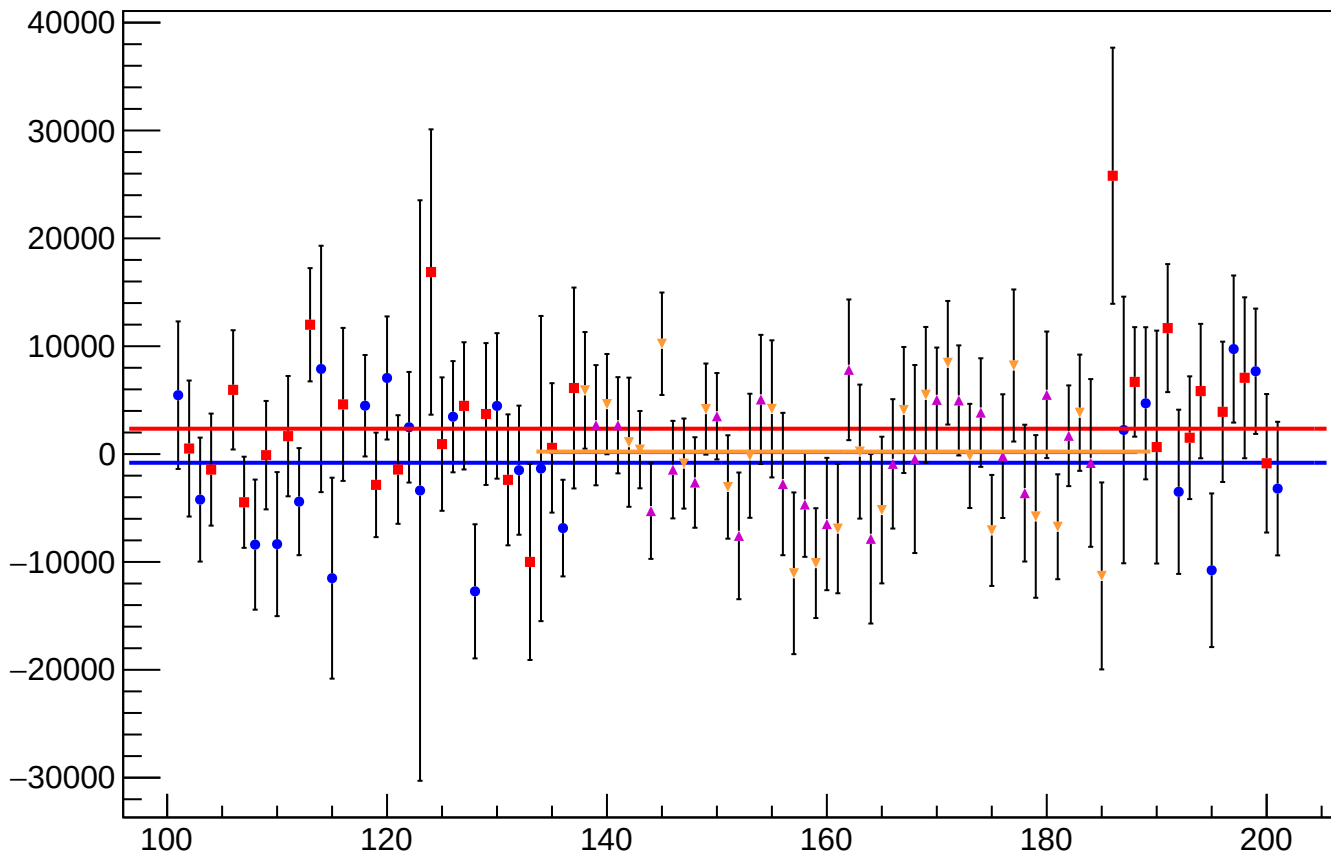
Left In: 4470.490+/-0.768 χ^2/NDF : 1132495.2/22

+ sign 4188.860+/-0.653 χ^2/NDF : 3618273.3/31

All: 4336.165+/-0.470 χ^2/NDF : 6125760.4/63

- sign 4493.723+/-0.676 χ^2/NDF : 2402247.3/31

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -804.746 ± 1306.518 χ^2/NDF : 24.3/23

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

Right Out: 2352.830 ± 1171.594 χ^2/NDF : 21.4/26

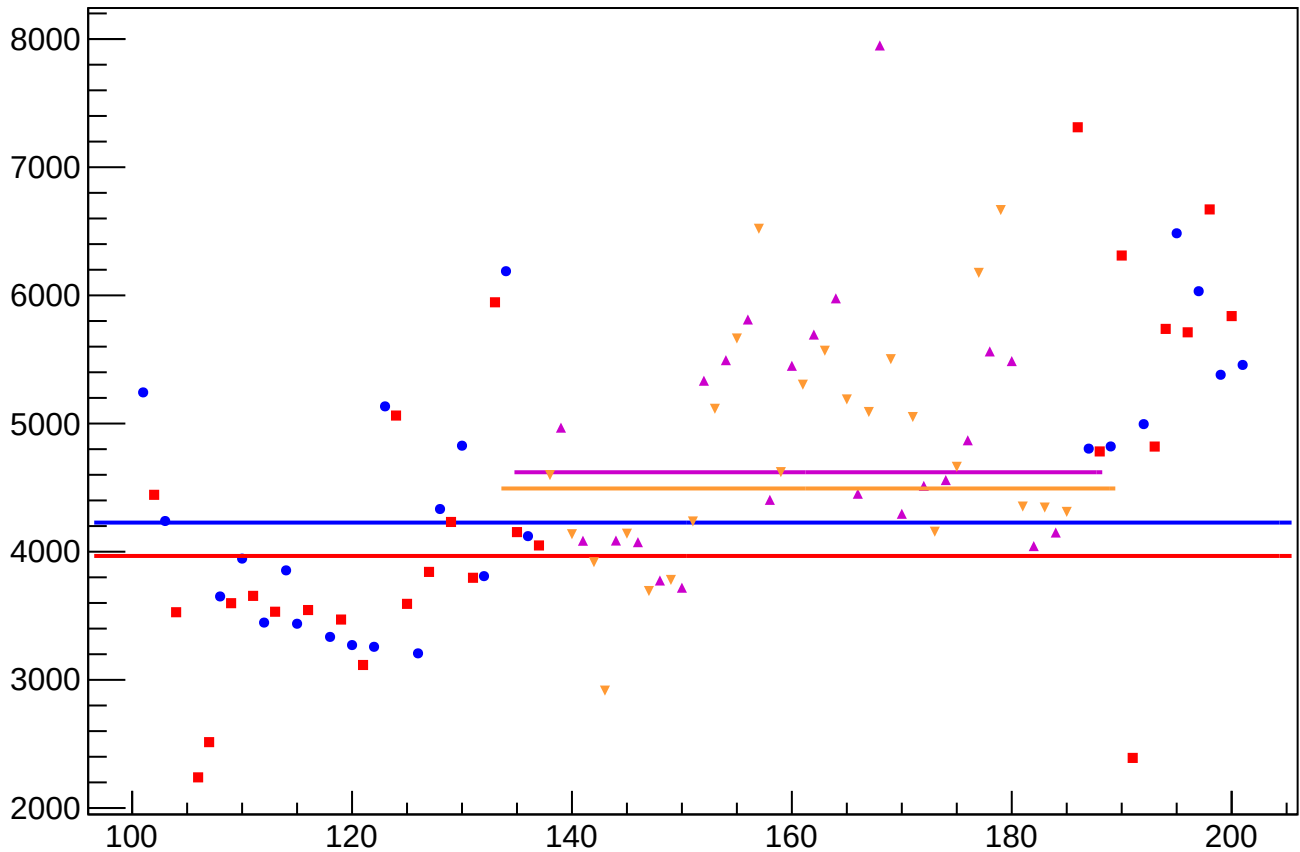
Left In: 185.280 ± 1119.296 χ^2/NDF : 14.3/22

+ sign -187.102 ± 829.445 χ^2/NDF : 52.8/48

All: 533.522 ± 579.259 χ^2/NDF : 91.7/98

- sign 1219.598 ± 809.319 χ^2/NDF : 37.5/49

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 4227.166 $\pm$ 0.924 χ^2 /NDF: 1015580.3/23

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

Right Out: 3966.822 $\pm$ 0.823 χ^2 /NDF: 1983598.3/26

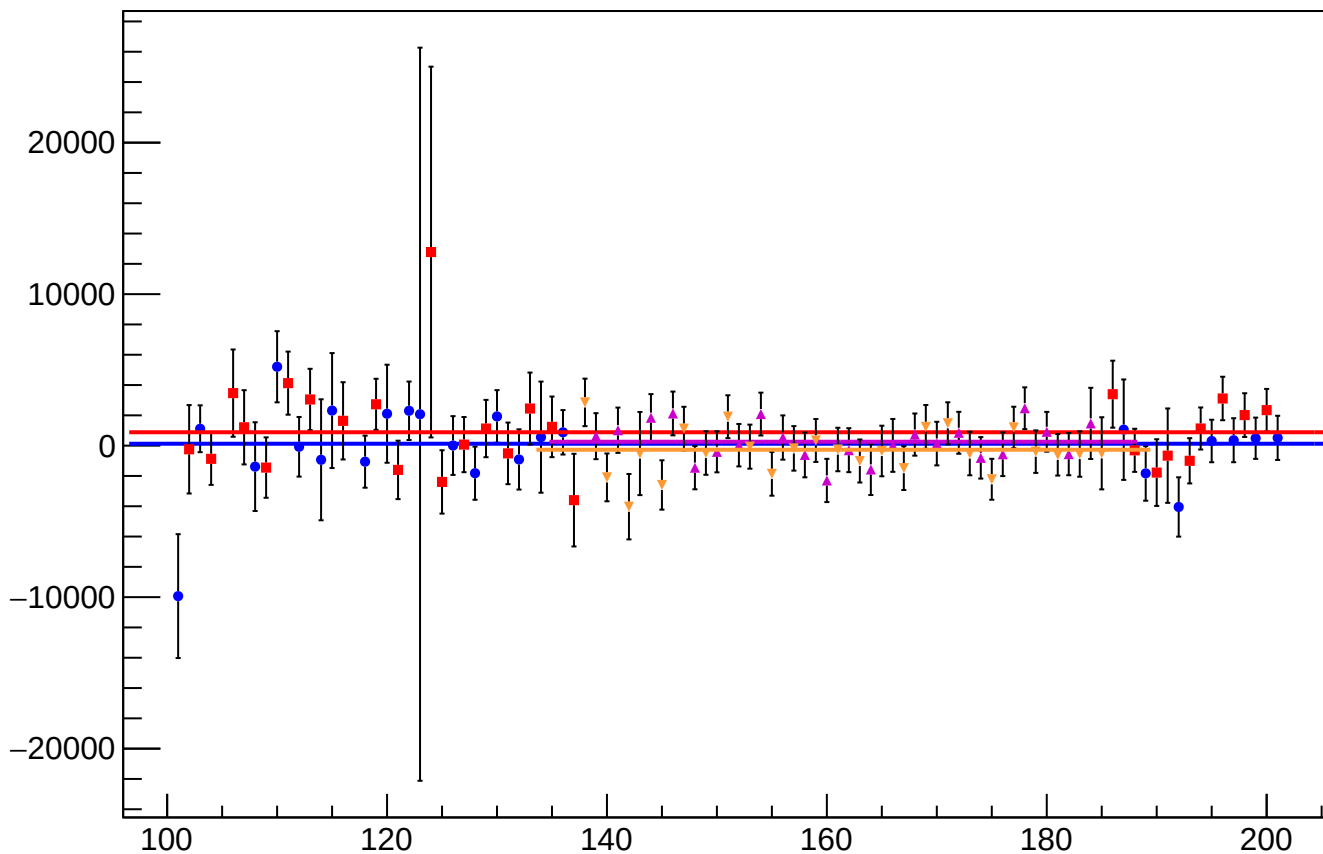
Left In: 4619.952 $\pm$ 0.791 χ^2 /NDF:1001966.3/22

+ sign 4386.044 $\pm$ 0.587 χ^2 /NDF: 2374260.2/48

All: 4344.983 $\pm$ 0.409 χ^2 /NDF: 5696565.4/98

- sign 4306.135 $\pm$ 0.570 χ^2 /NDF: 3312766.4/49

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 126.176 $\pm$ 400.378 χ^2 /NDF: 22.8/23

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

Right Out: 884.141 $\pm$ 370.453 χ^2 /NDF: 26.0/26

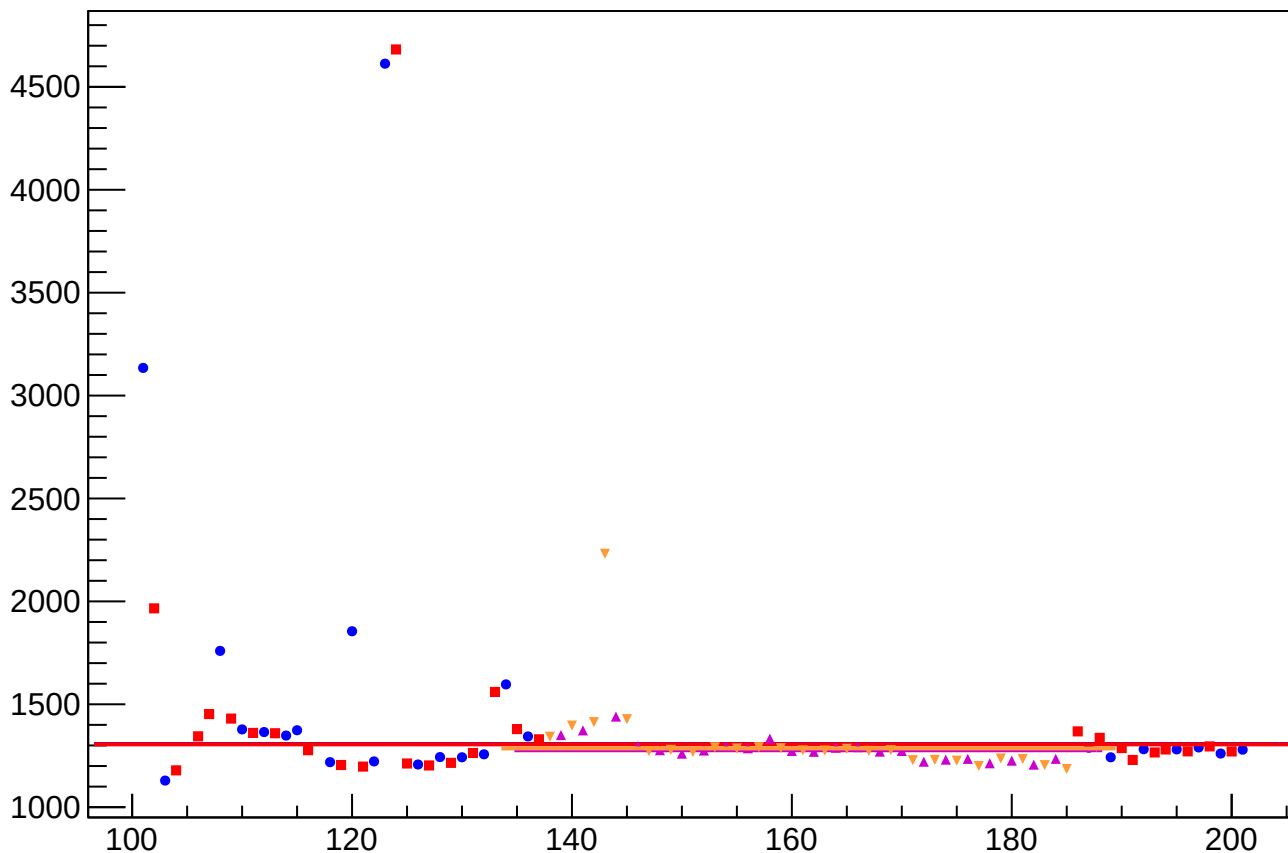
Left In: 258.285 $\pm$ 305.289 χ^2 /NDF:16.0/22

+ sign -126.649 $\pm$ 241.118 χ^2 /NDF: 45.6/48

All: 199.773 $\pm$ 168.510 χ^2 /NDF: 92.9/98

- sign 511.416 $\pm$ 235.596 χ^2 /NDF: 43.7/49

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1306.754+/-0.283 χ^2/NDF : 614508.2/23

Left Out: 1285.574+/-0.214 χ^2/NDF : 306057.6/24

Right Out: 1305.594+/-0.262 χ^2/NDF : 347576.8/26

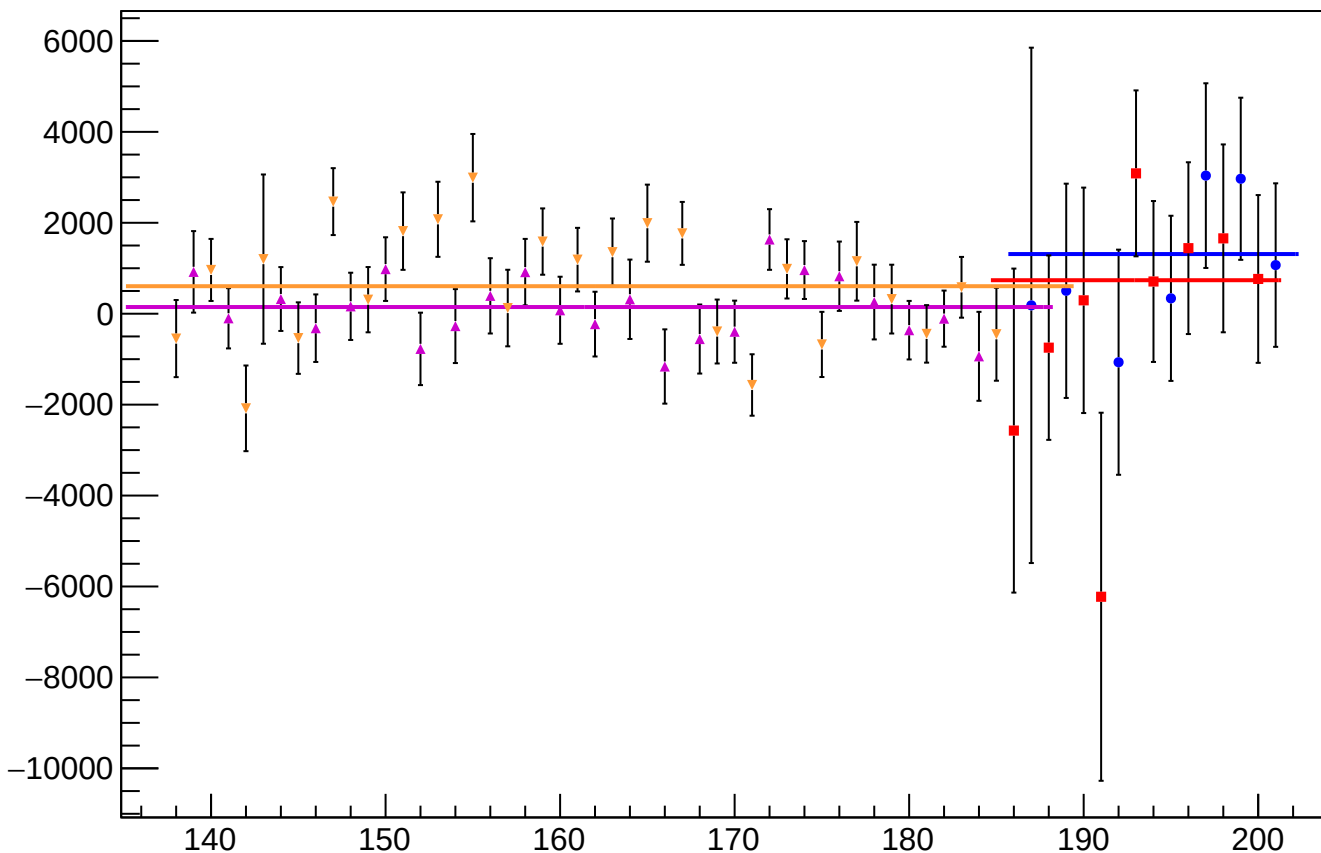
Left In: 1276.755+/-0.216 χ^2/NDF : 59434.2/22

+ sign 1293.256+/-0.170 χ^2/NDF : 924132.6/48

All: 1290.781+/-0.119 χ^2/NDF : 1338773.8/98

- sign 1288.419+/-0.167 χ^2/NDF : 414229.5/49

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 1312.224 ± 804.944 χ^2/NDF : 3.0/6

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

Right Out: 736.794 ± 711.907 χ^2/NDF : 6.4/8

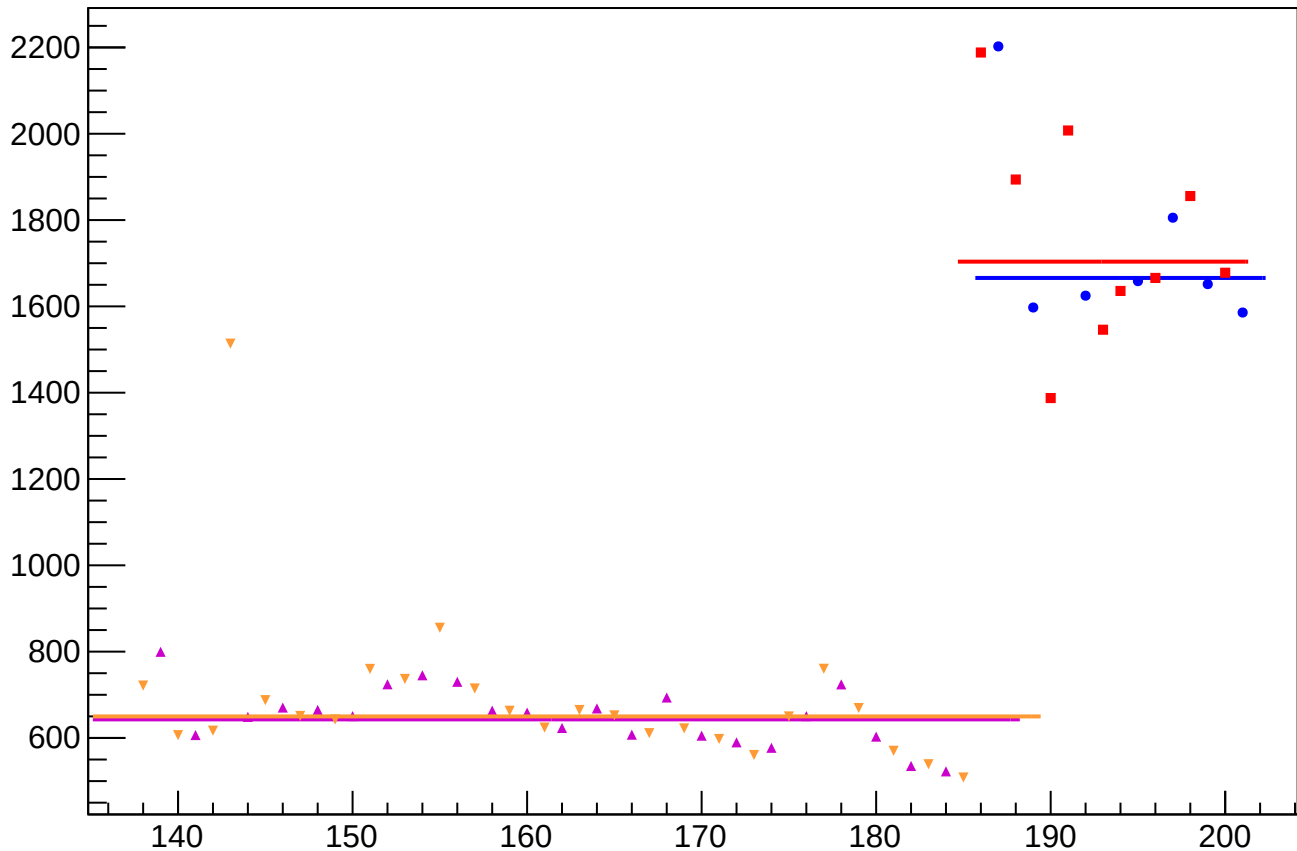
Left In: 147.044 ± 154.051 χ^2/NDF : 19.4/22

+ sign 630.109 ± 151.183 χ^2/NDF : 63.7/31

All: 400.834 ± 106.684 χ^2/NDF : 94.7/63

- sign 173.425 ± 150.566 χ^2/NDF : 26.4/31

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1665.878 $\pm$ 0.569 χ^2 /NDF: 33735.0/6

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

Right Out: 1703.664 $\pm$ 0.503 χ^2 /NDF: 128268.9/8

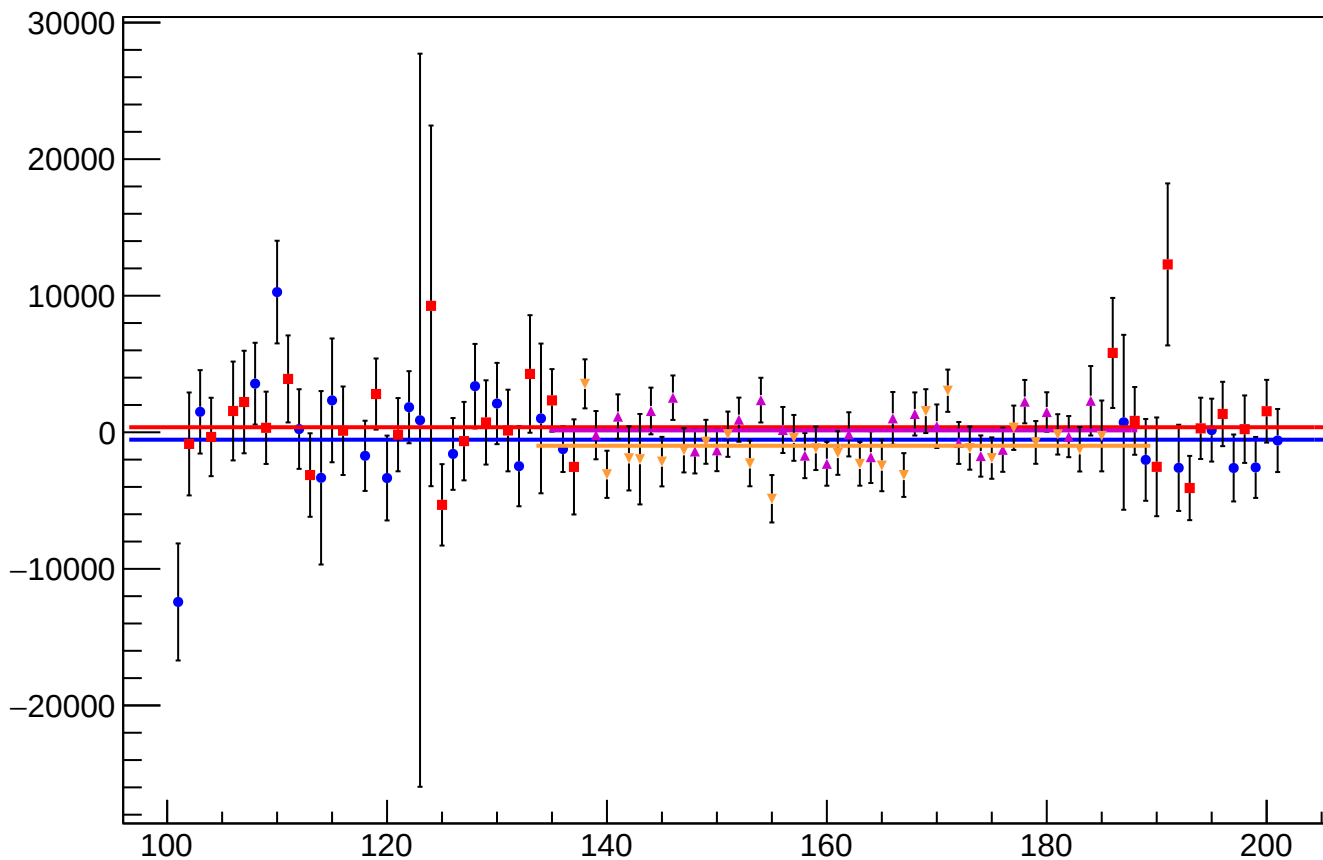
Left In: 643.008 $\pm$ 0.109 χ^2 /NDF: 323844.6/22

+ sign 685.707 $\pm$ 0.107 χ^2 /NDF: 3948526.7/31

All: 688.089 $\pm$ 0.075 χ^2 /NDF: 8642531.9/63

- sign 690.452 $\pm$ 0.106 χ^2 /NDF: 4693015.8/31

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -541.955+/-599.651 χ^2/NDF : 26.4/23

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

Right Out: 370.405+/-568.452 χ^2/NDF : 21.0/26

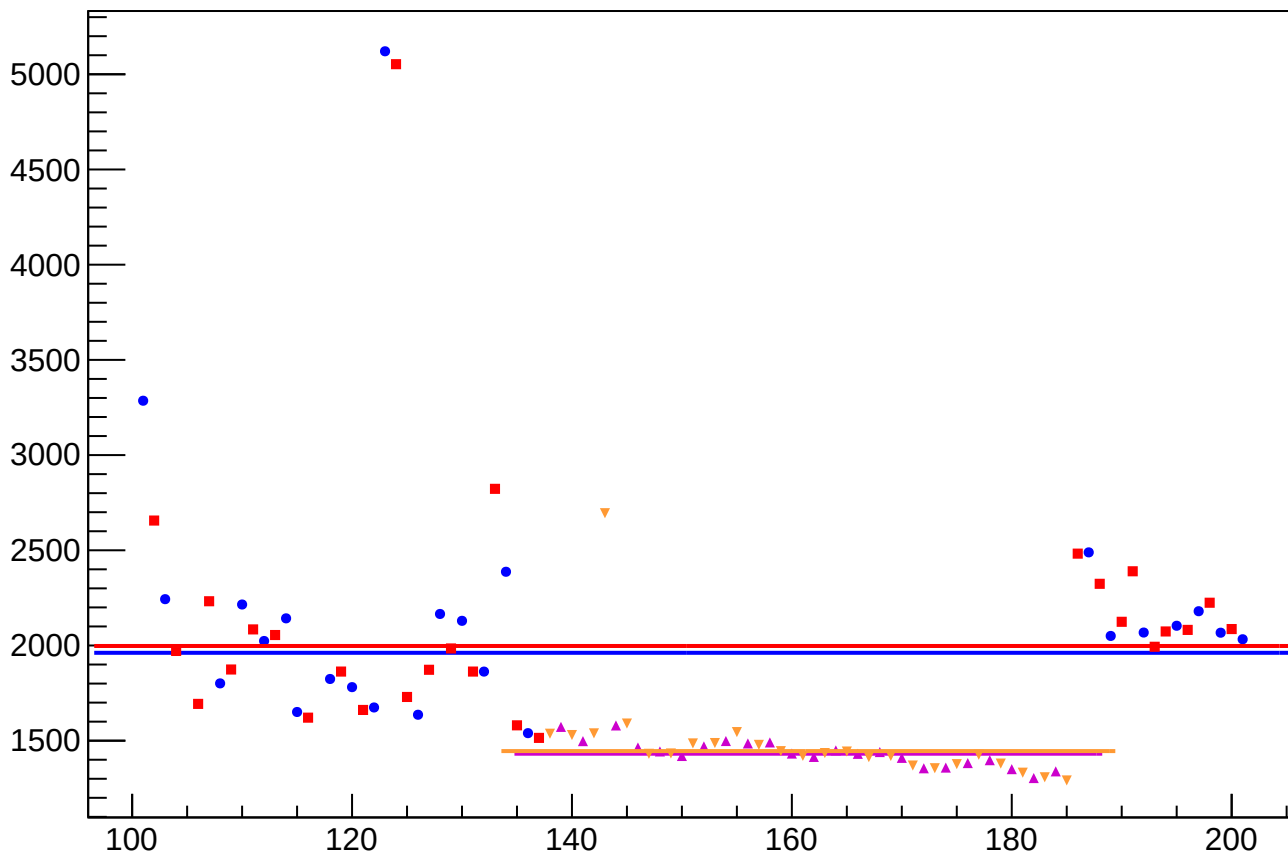
Left In: 137.780+/-342.262 χ^2/NDF : 18.8/22

+ sign -879.036+/-295.606 χ^2/NDF : 55.3/48

All: -335.303+/-208.175 χ^2/NDF : 102.0/98

- sign 199.673+/-293.216 χ^2/NDF : 39.9/49

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1961.596 ± 0.424 $\chi^2/\text{NDF}: 532399.1/23$

Left Out: 1445.418 ± 0.240 $\chi^2/\text{NDF}: 374859.2/24$

Right Out: 1997.439 ± 0.402 $\chi^2/\text{NDF}: 562494.9/26$

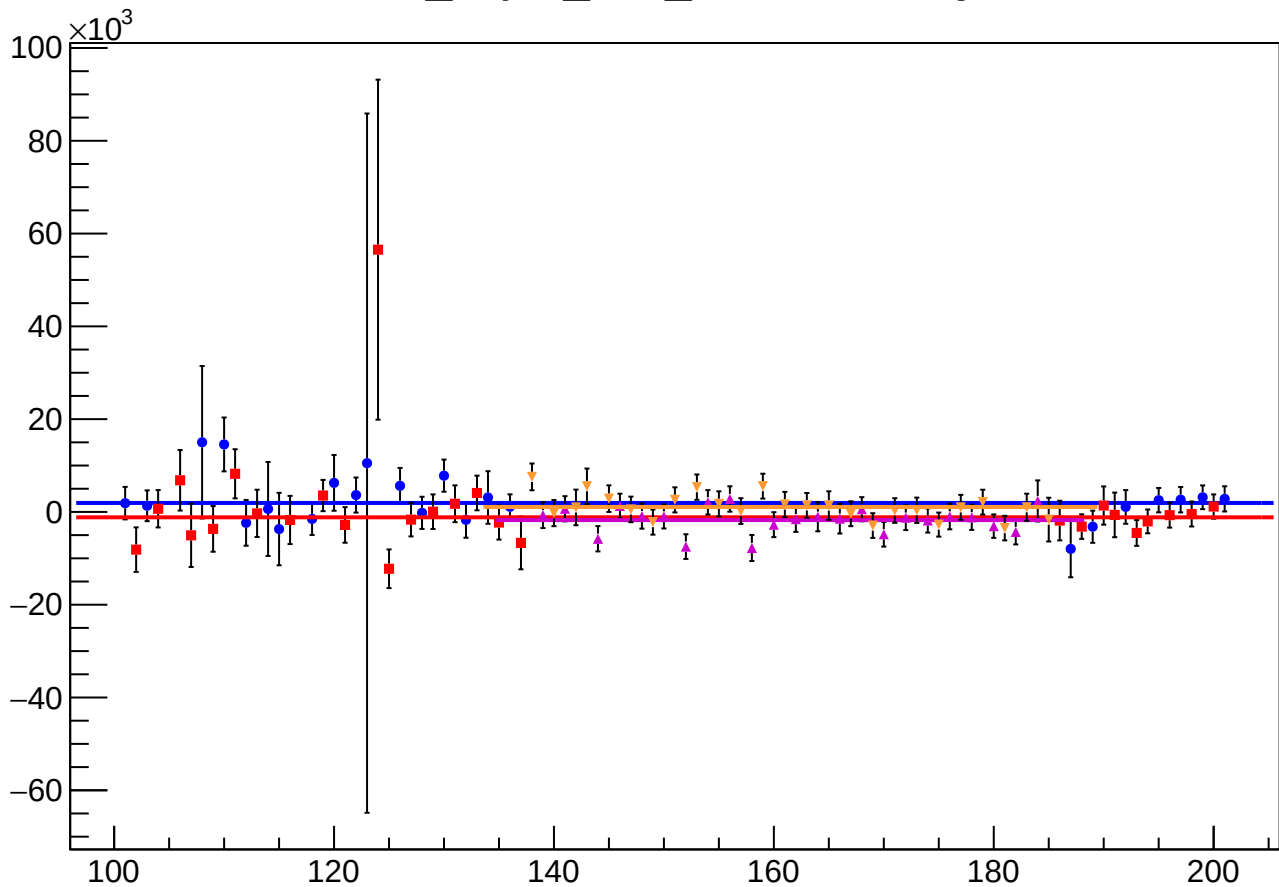
Left In: 1431.663 ± 0.242 $\chi^2/\text{NDF}: 77792.5/22$

+ sign 1570.856 ± 0.209 $\chi^2/\text{NDF}: 2029080.6/48$

All: 1576.573 ± 0.147 $\chi^2/\text{NDF}: 4124956.5/98$

- sign 1582.198 ± 0.207 $\chi^2/\text{NDF}: 2094391.9/49$

dit_asym_atl1_mean vs Slug



Right In: 1936.188 $\pm$ 772.052 χ^2 /NDF: 18.9/23

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

Right Out: -1161.162 $\pm$ 723.667 χ^2 /NDF: 26.4/26

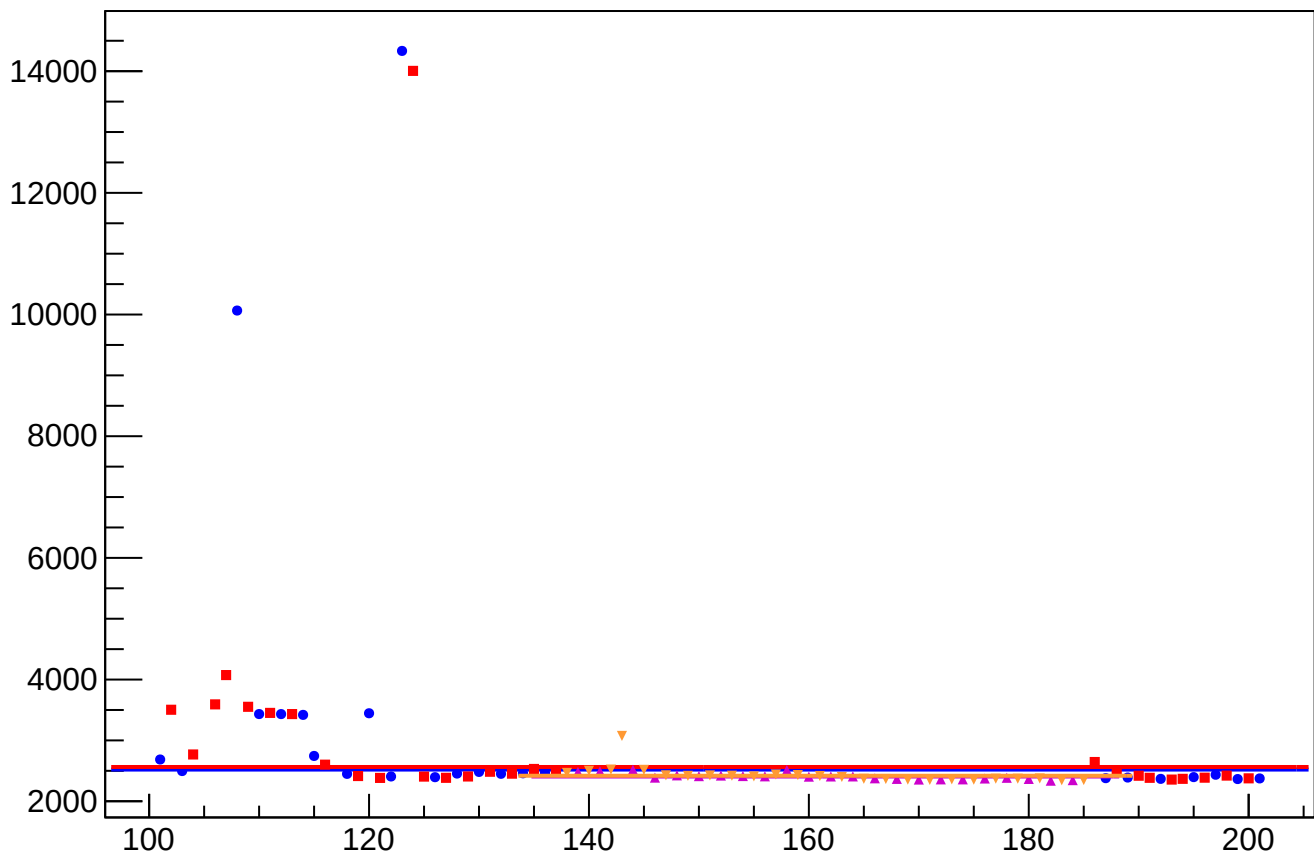
Left In: -1762.122 $\pm$ 574.660 χ^2 /NDF: 23.2/22

+ sign 1364.692 $\pm$ 456.601 χ^2 /NDF: 42.4/48

All: -103.498 $\pm$ 320.516 χ^2 /NDF: 112.9/98

- sign -1529.717 $\pm$ 450.027 χ^2 /NDF: 50.1/49

dit_asym_atl1_rms vs Slug



Right In: 2520.570 $\pm$ 0.546 χ^2 /NDF: 692606.9/23

Left Out: 2418.972 $\pm$ 0.400 χ^2 /NDF: 74779.7/24

Right Out: 2562.898 $\pm$ 0.512 χ^2 /NDF: 697060.4/26

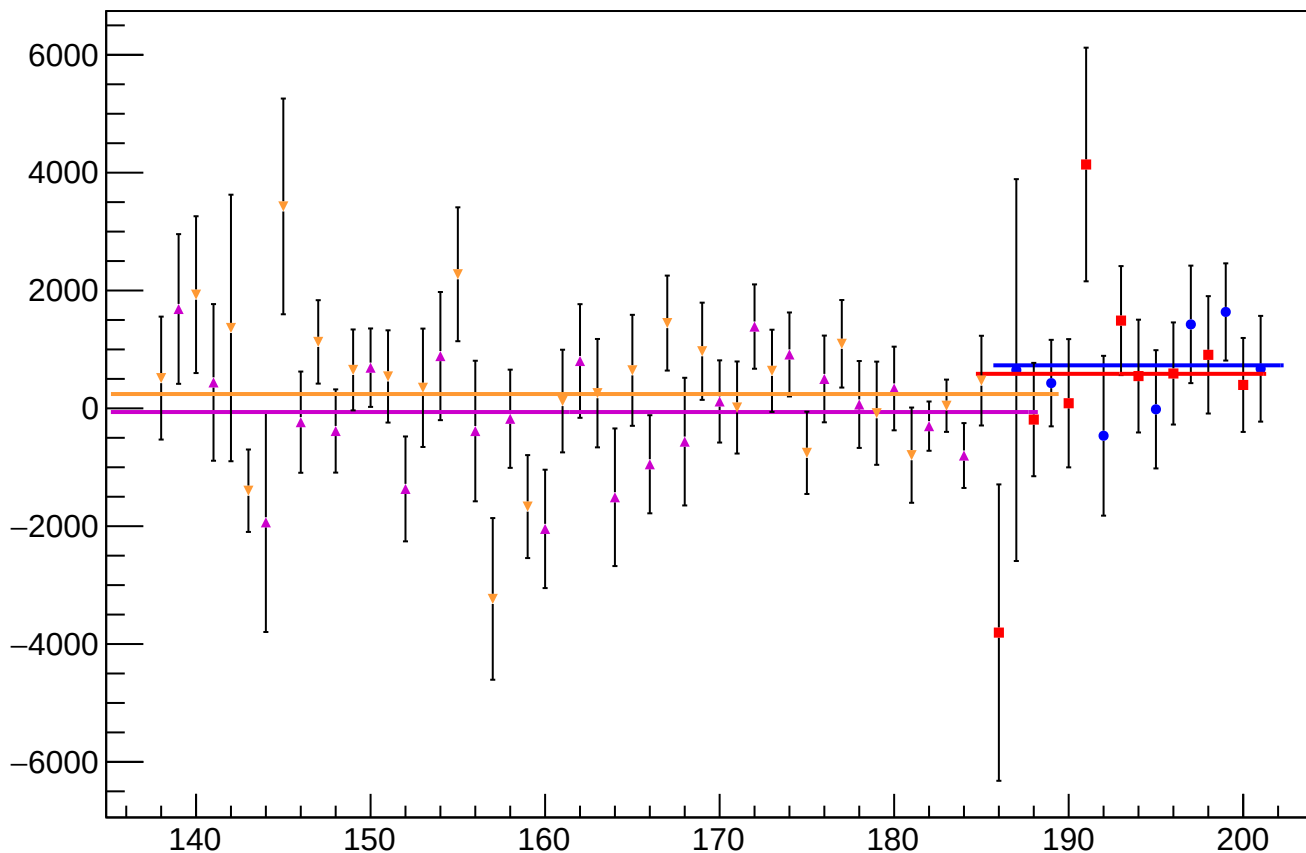
Left In: 2406.443 $\pm$ 0.406 χ^2 /NDF: 15245.2/22

+ sign 2454.508 $\pm$ 0.323 χ^2 /NDF: 789906.6/48

All: 2460.818 $\pm$ 0.227 χ^2 /NDF: 1560295.6/98

- sign 2466.948 $\pm$ 0.318 χ^2 /NDF: 769636.0/49

asym_atl1_correction_mean vs Slug



Right In: 730.189+/-372.554 χ^2/NDF : 3.2/6

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

Right Out: 585.847+/-342.805 χ^2/NDF : 8.2/8

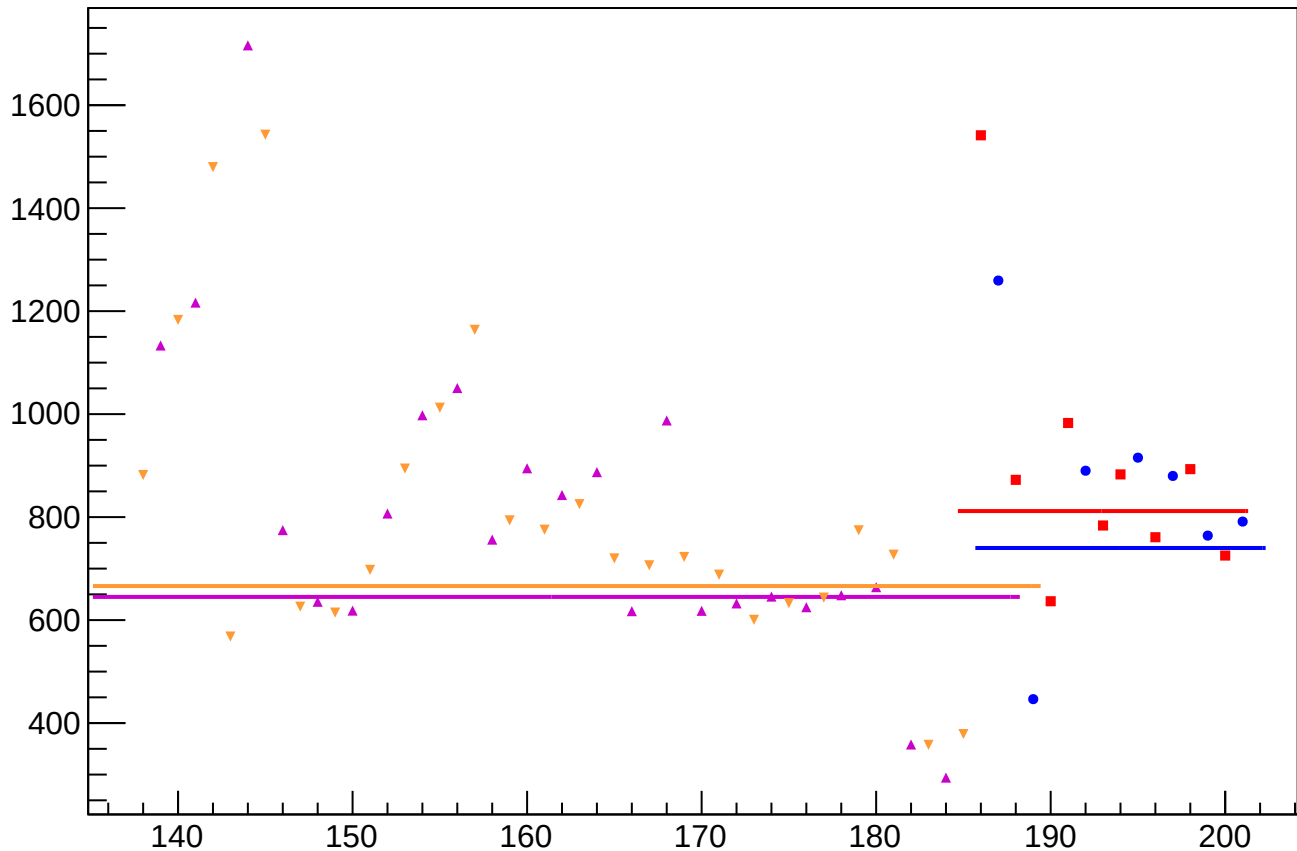
Left In: -62.569+/-164.169 χ^2/NDF : 24.3/22

+ sign 322.148+/-150.055 χ^2/NDF : 40.6/31

All: 188.513+/-105.394 χ^2/NDF : 77.6/63

- sign 58.398+/-148.066 χ^2/NDF : 35.4/31

asym_atl1_correction_rms vs Slug



Right In: 740.060 $\pm$ 0.263 χ^2 /NDF: 504434.1/6

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

Right Out: 811.759 $\pm$ 0.242 χ^2 /NDF: 299591.7/8

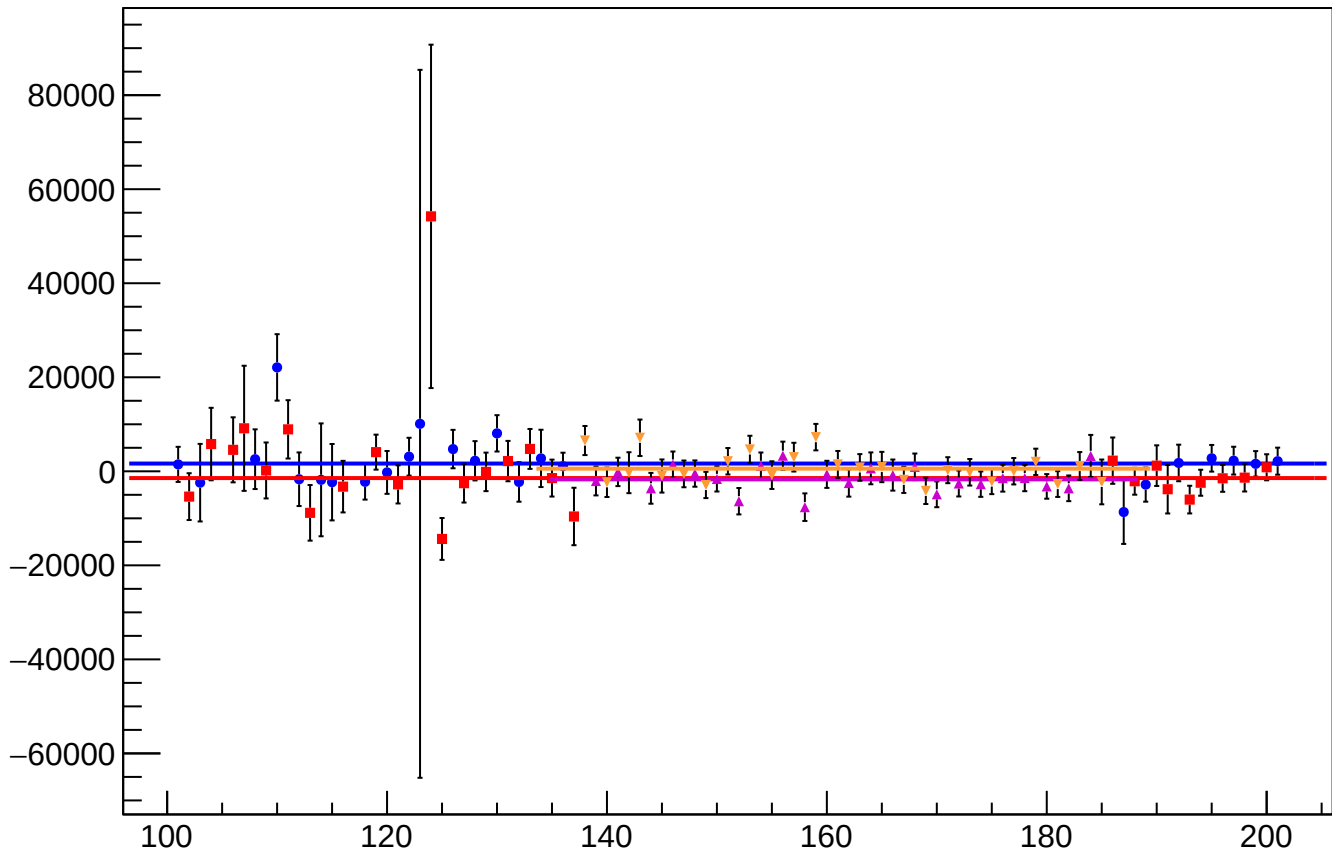
Left In: 645.011 $\pm$ 0.116 χ^2 /NDF: 4176295.6/22

+ sign 678.126 $\pm$ 0.106 χ^2 /NDF: 3760984.4/31

All: 677.109 $\pm$ 0.075 χ^2 /NDF: 8621982.7/63

- sign 676.119 $\pm$ 0.105 χ^2 /NDF: 4860817.2/31

asym_atl1_mean vs Slug



Right In: 1648.978 $\pm$ 840.962 χ^2 /NDF: 19.0/23

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

Right Out: -1439.903 $\pm$ 797.595 χ^2 /NDF: 29.8/26

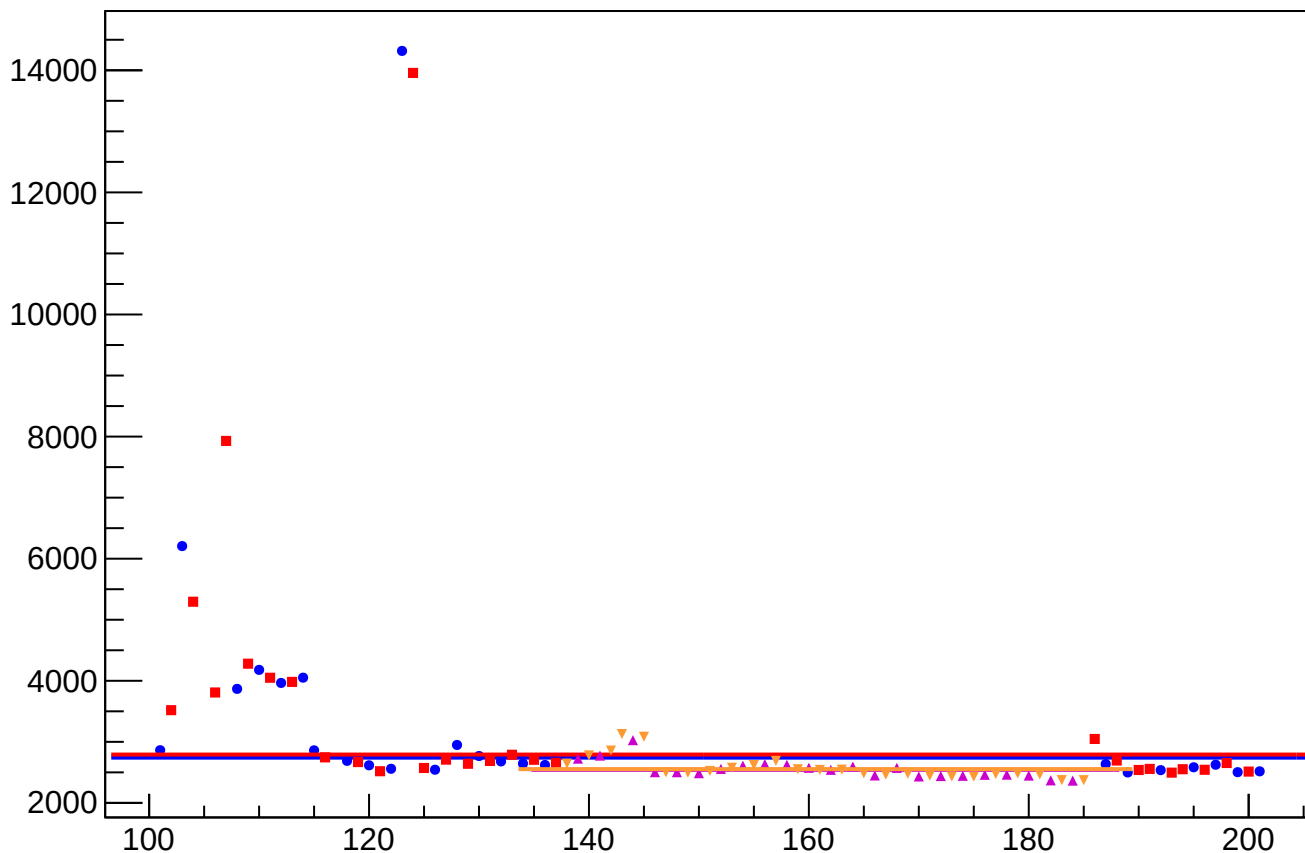
Left In: -1713.317 $\pm$ 607.775 χ^2 /NDF: 18.1/22

+ sign 930.467 $\pm$ 487.515 χ^2 /NDF: 45.3/48

All: -351.933 $\pm$ 343.268 χ^2 /NDF: 106.9/98

- sign -1612.878 $\pm$ 483.419 χ^2 /NDF: 47.9/49

asym_atl1_rms vs Slug



Right In: 2741.550+/-0.595 χ^2/NDF : 736537.1/23

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

Right Out: 2791.722+/-0.564 χ^2/NDF : 1187227.9/26

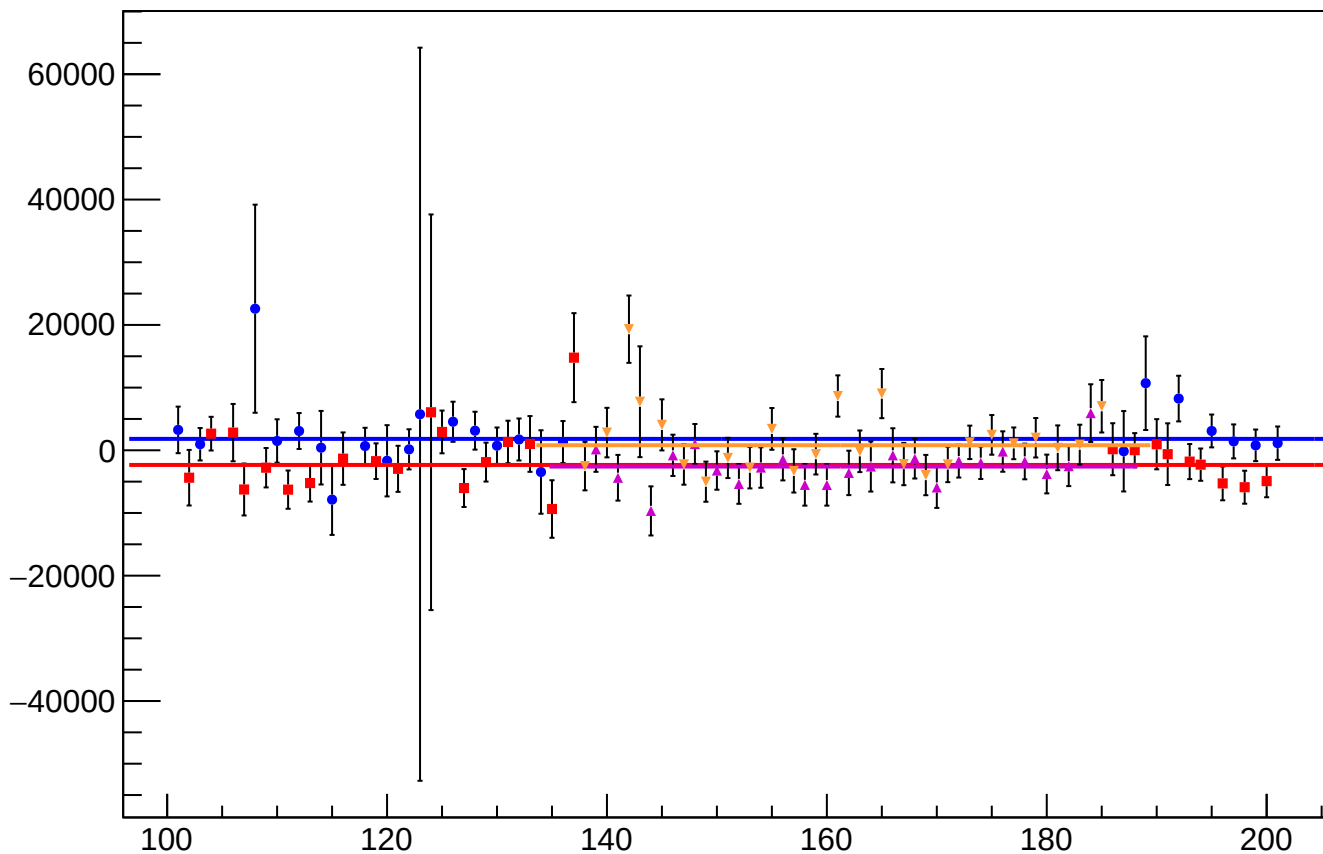
Left In: 2541.950+/-0.430 χ^2/NDF : 97238.4/22

+ sign 2616.429+/-0.345 χ^2/NDF : 951650.0/48

All: 2625.140+/-0.243 χ^2/NDF : 2361466.2/98

- sign 2633.704+/-0.342 χ^2/NDF : 1408550.0/49

dit_asym_atl2_mean vs Slug



Right In: 1820.508 $\pm$ 713.637 χ^2 /NDF: 12.7/23

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

Right Out: -2336.556 $\pm$ 647.055 χ^2 /NDF: 28.5/26

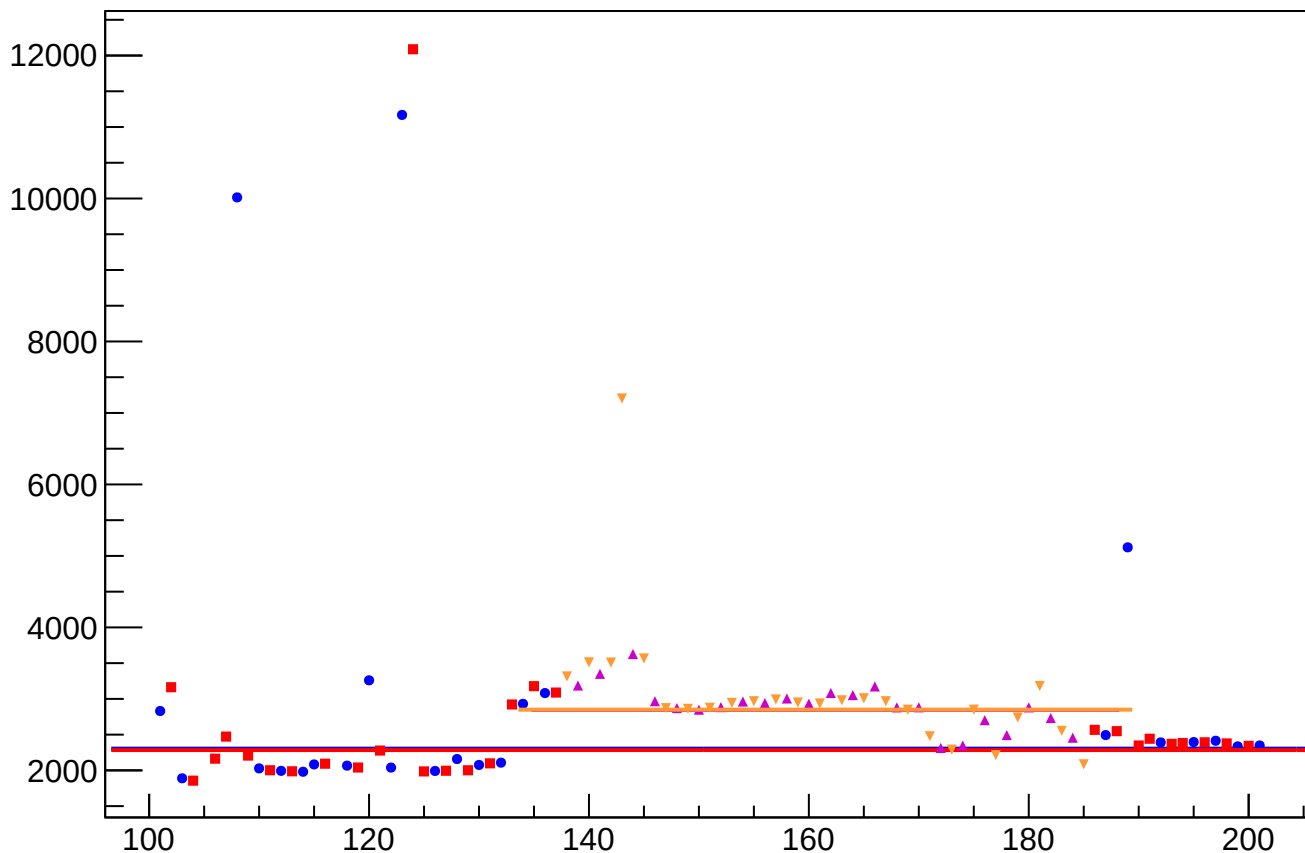
Left In: -2595.551 $\pm$ 683.824 χ^2 /NDF:14.0/22

+ sign 1287.611 $\pm$ 491.348 χ^2 /NDF: 52.9/48

All: -668.809 $\pm$ 339.636 χ^2 /NDF: 125.8/98

- sign -2458.904 $\pm$ 469.999 χ^2 /NDF: 42.5/49

dit_asym_atl2_rms vs Slug



Right In: 2303.543 $\pm$ 0.505 χ^2 /NDF: 1160523.5/23

Left Out: 2849.256 $\pm$ 0.479 χ^2 /NDF: 1034478.3/24

Right Out: 2284.232 $\pm$ 0.457 χ^2 /NDF: 627007.3/26

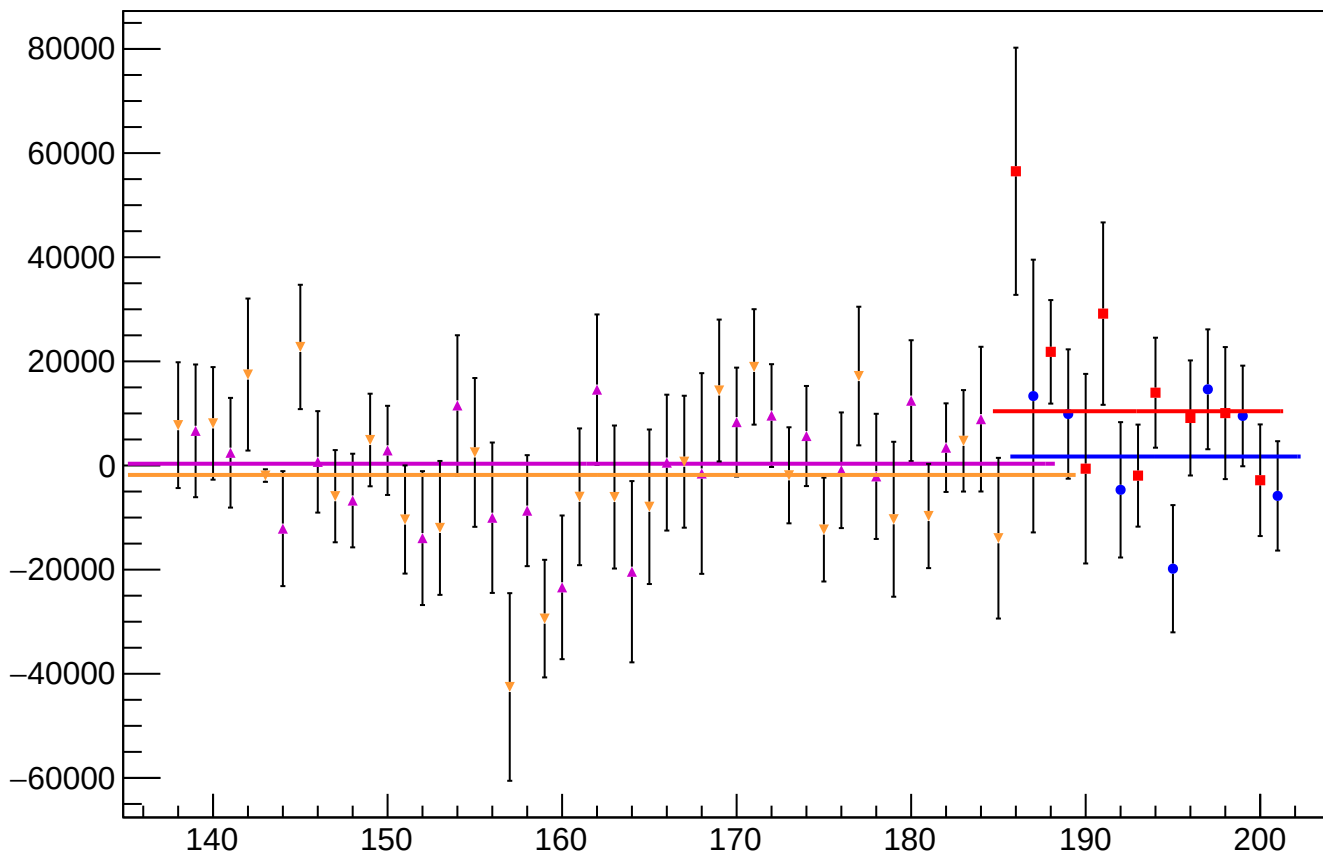
Left In: 2844.779 $\pm$ 0.484 χ^2 /NDF: 383776.8/22

+ sign 2590.560 $\pm$ 0.347 χ^2 /NDF: 2810103.8/48

All: 2568.808 $\pm$ 0.240 χ^2 /NDF: 4537721.9/98

- sign 2548.913 $\pm$ 0.332 χ^2 /NDF: 1720113.1/49

asym_atl2_correction_mean vs Slug



Right In: 1724.331+/-4570.249 χ^2/NDF : 6.4/6

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

Right Out: 10422.838+/-4060.339 χ^2/NDF : 9.8/8

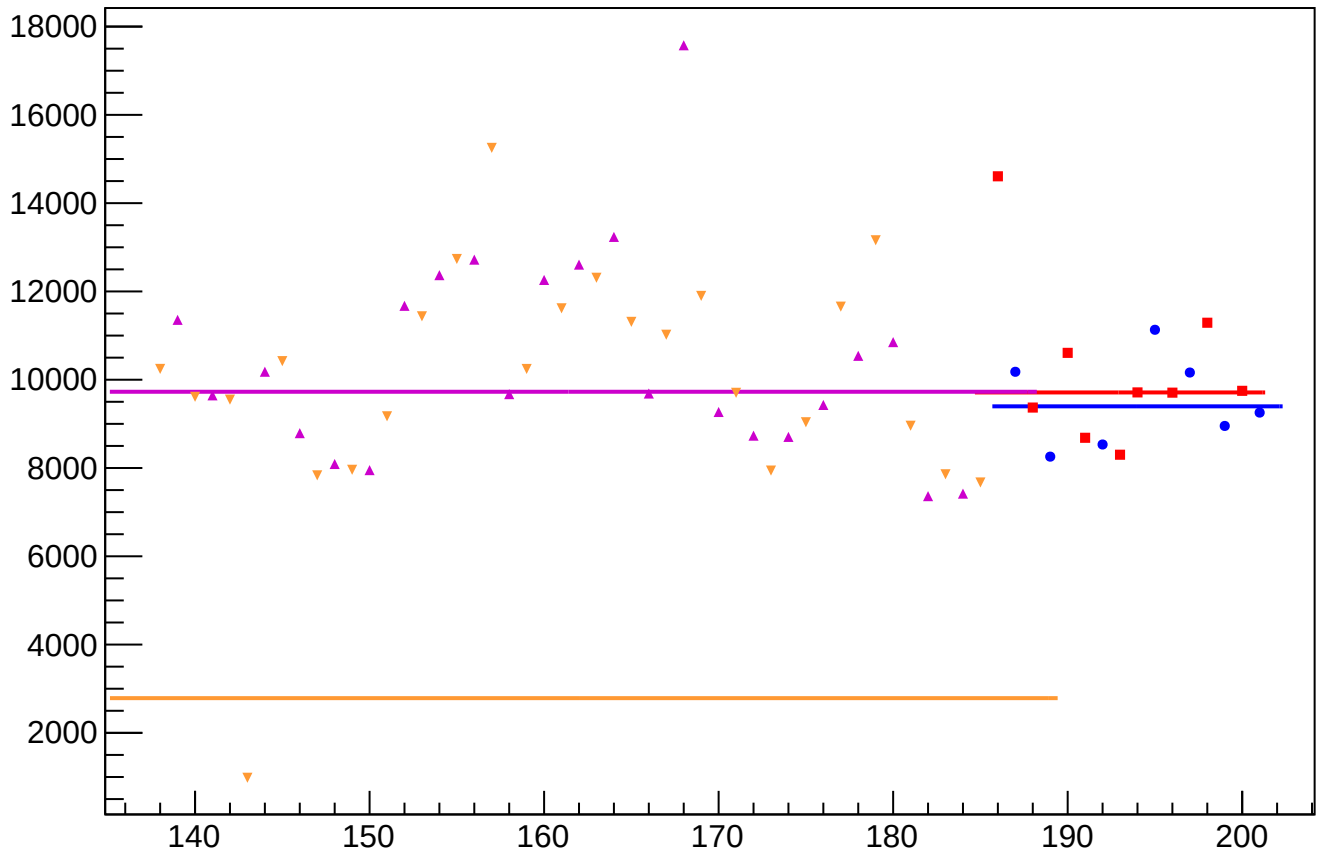
Left In: 339.260+/-2365.986 χ^2/NDF :14.2/22

+ sign -1624.232+/-1049.367 χ^2/NDF : 38.2/31

All: -681.694+/-933.553 χ^2/NDF : 70.7/63

- sign 2895.234+/-2044.246 χ^2/NDF : 28.7/31

asym_atl2_correction_rms vs Slug



Right In: 9397.010+/-3.232 χ^2/NDF : 81197.8/6

Left Out: 2786.461+/-0.762 χ^2/NDF : 22863045.3/24

Right Out: 9711.762+/-2.871 χ^2/NDF : 171715.4/8

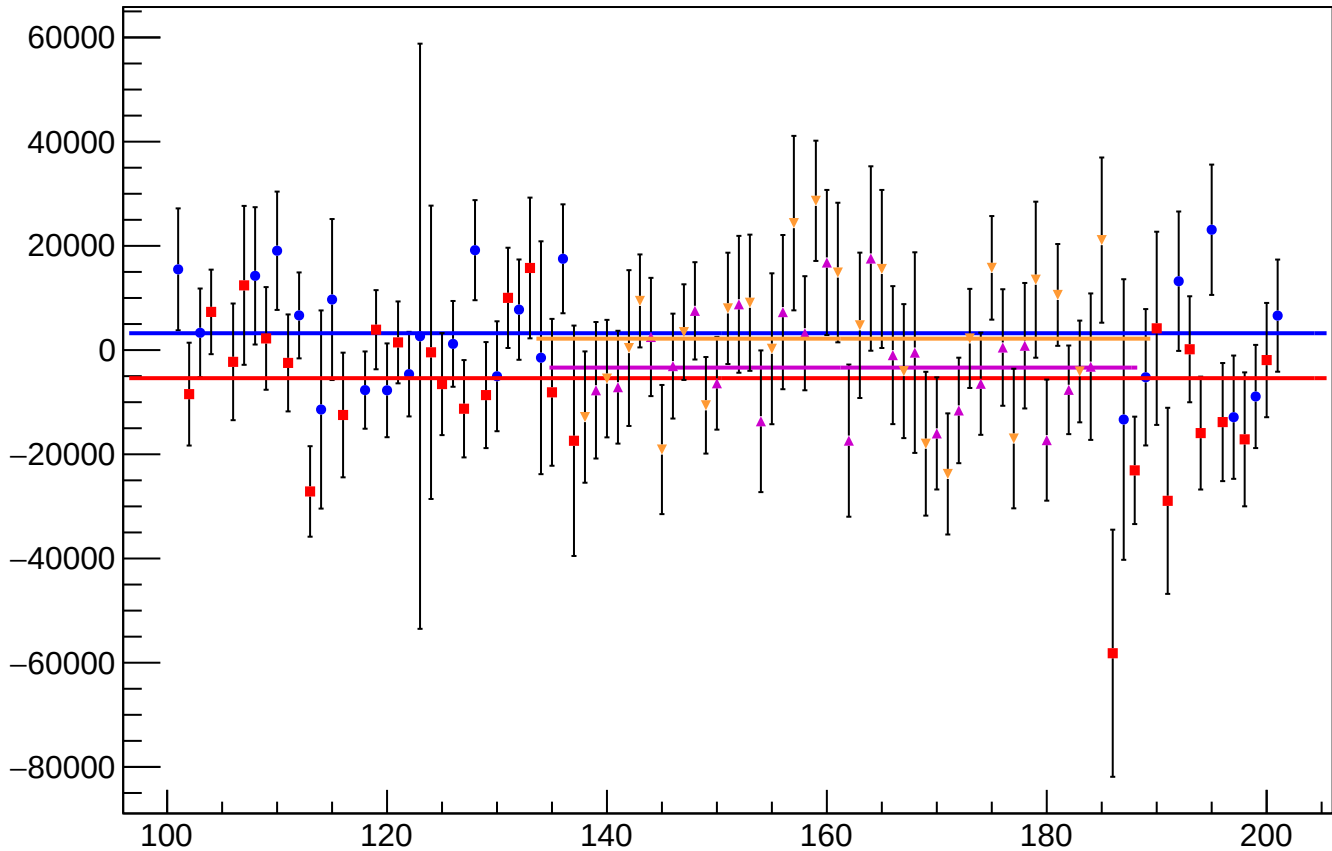
Left In: 9727.255+/-1.673 χ^2/NDF : 1261406.7/22

+ sign 3134.969+/-0.742 χ^2/NDF : 26907968.5/31

All: 4508.976+/-0.660 χ^2/NDF : 44782601.3/6

- sign 9723.328+/-1.446 χ^2/NDF : 1433143.9/31

asym_atl2_mean vs Slug



Right In: 3235.244+/-2213.706 χ^2/NDF : 22.2/23

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

Right Out: -5389.150+/-2098.263 χ^2/NDF : 32.1/26

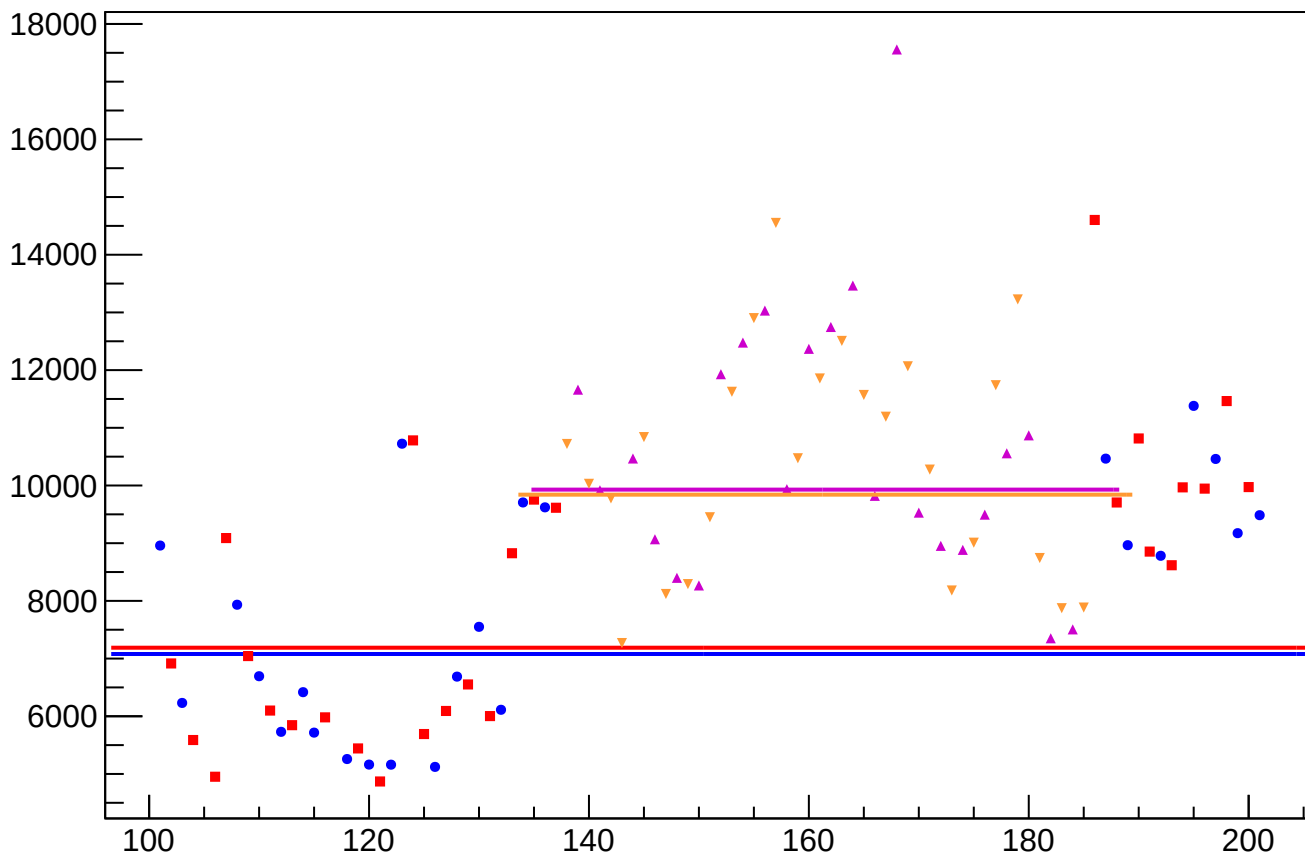
Left In: -3362.489+/-2413.842 χ^2/NDF : 12.8/22

+ sign 2744.295+/-1610.260 χ^2/NDF : 53.4/48

All: -946.902+/-1129.081 χ^2/NDF : 109.1/98

- sign -4516.875+/-1583.598 χ^2/NDF : 45.3/49

asym_atl2_rms vs Slug



Right In: 7079.245+/-1.565 χ^2/NDF : 1466613.3/23

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

Right Out: 7188.360+/-1.484 χ^2/NDF : 1879509.5/26

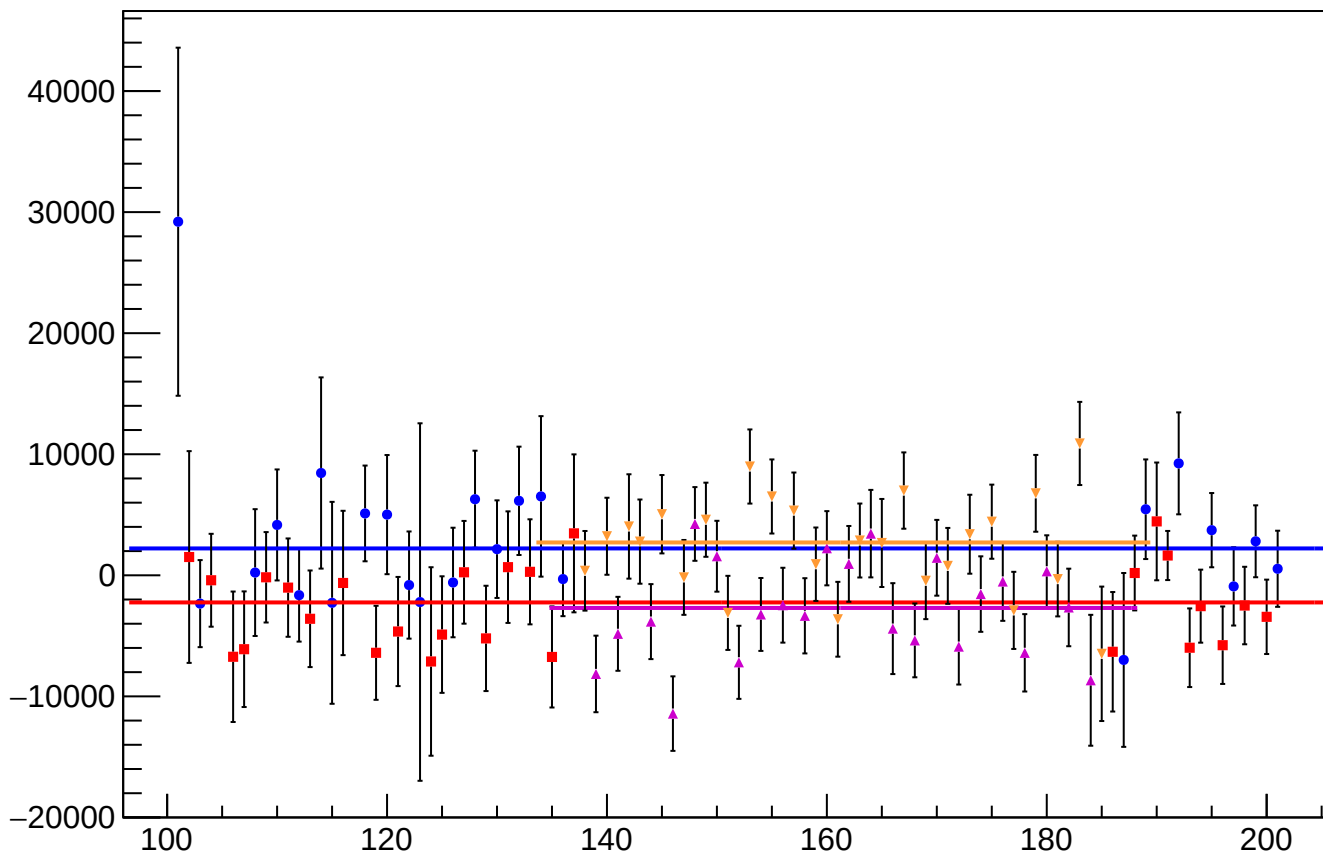
Left In: 9928.662+/-1.707 χ^2/NDF :1220804.9/22

+ sign 8379.809+/-1.139 χ^2/NDF : 4117419.5/48

All: 8373.673+/-0.798 χ^2/NDF : 8686015.1/98

- sign 8367.739+/-1.120 χ^2/NDF : 4568538.4/49

dit_asym_atr1_mean vs Slug



Right In: 2219.653+/-867.533 χ^2/NDF : 18.6/23

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

Right Out: -2241.037+/-748.642 χ^2/NDF : 17.5/26

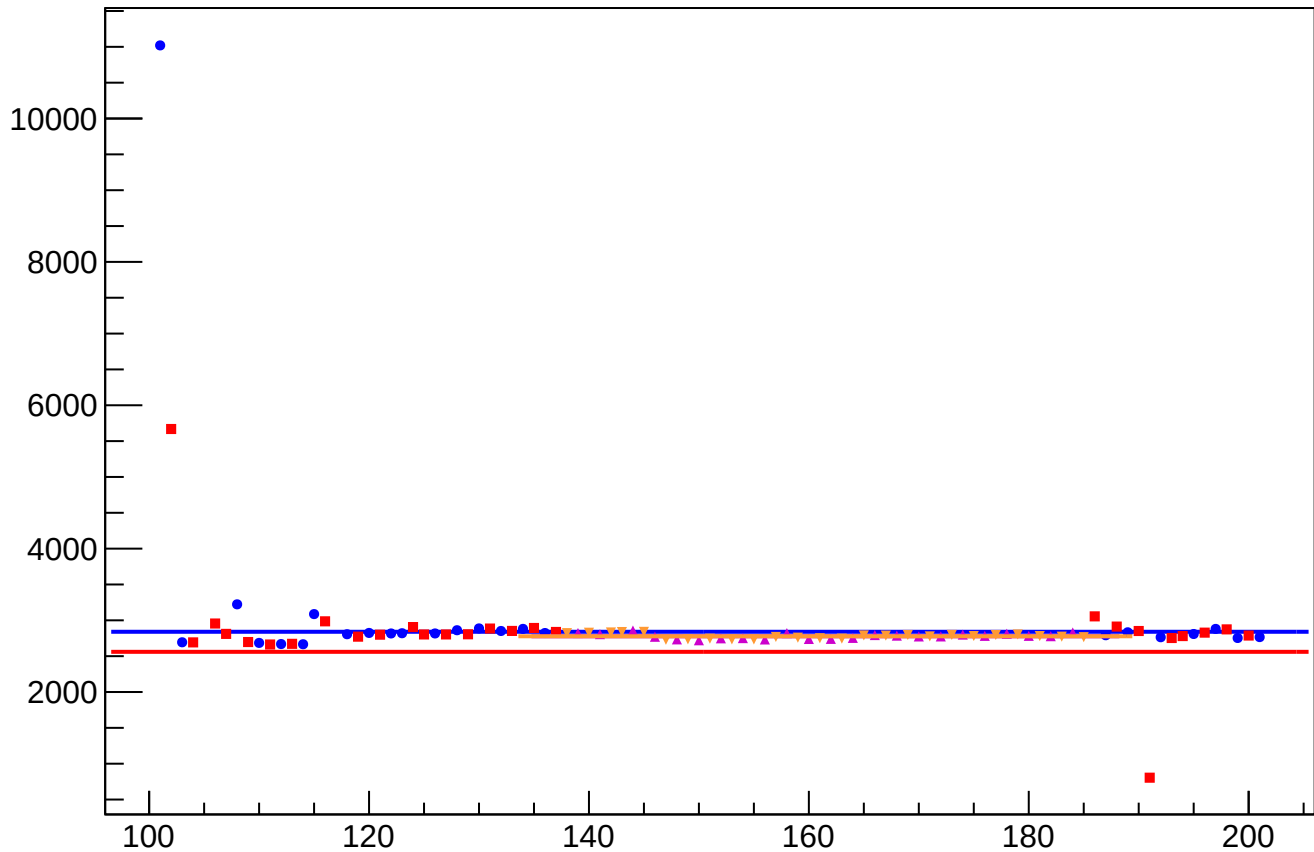
Left In: -2697.794+/-662.544 χ^2/NDF : 36.1/22

+ sign 2535.751+/-519.588 χ^2/NDF : 53.6/48

All: -96.786+/-358.831 χ^2/NDF : 156.4/98

- sign -2497.180+/-496.150 χ^2/NDF : 53.8/49

dit_asym_atr1_rms vs Slug



Right In: 2840.304+/-0.613 χ^2/NDF : 675271.0/23

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

Right Out: 2560.579+/-0.529 χ^2/NDF : 1968393.6/26

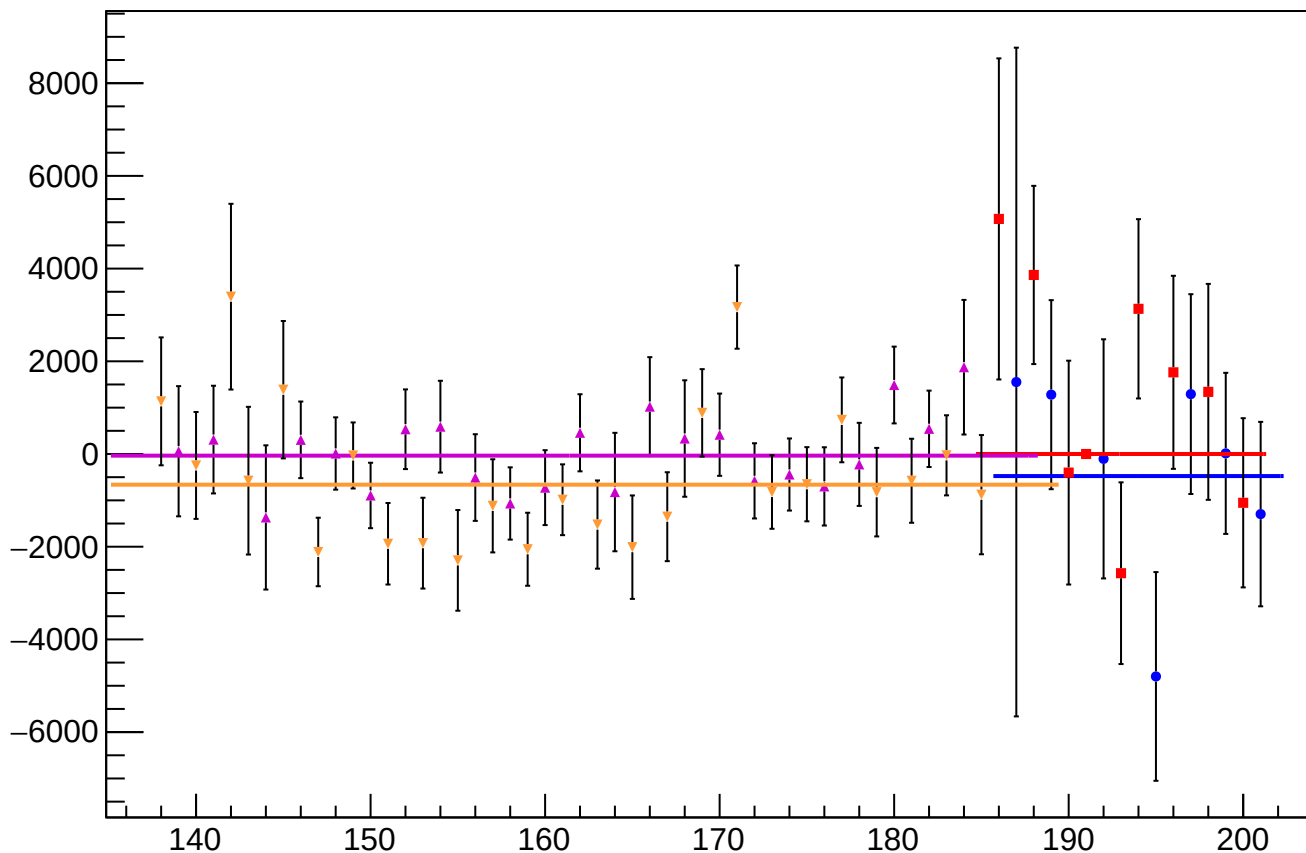
Left In: 2777.355+/-0.468 χ^2/NDF : 5488.7/22

+ sign 2799.997+/-0.367 χ^2/NDF : 687256.5/48

All: 2738.352+/-0.254 χ^2/NDF : 2808997.0/98

- sign 2682.144+/-0.351 χ^2/NDF : 2067920.0/49

asym_atr1_correction_mean vs Slug



Right In: -476.033 ± 843.260 $\chi^2/\text{NDF}: 5.5/6$

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

Right Out: 0.276 ± 4.105 $\chi^2/\text{NDF}: 11.9/8$

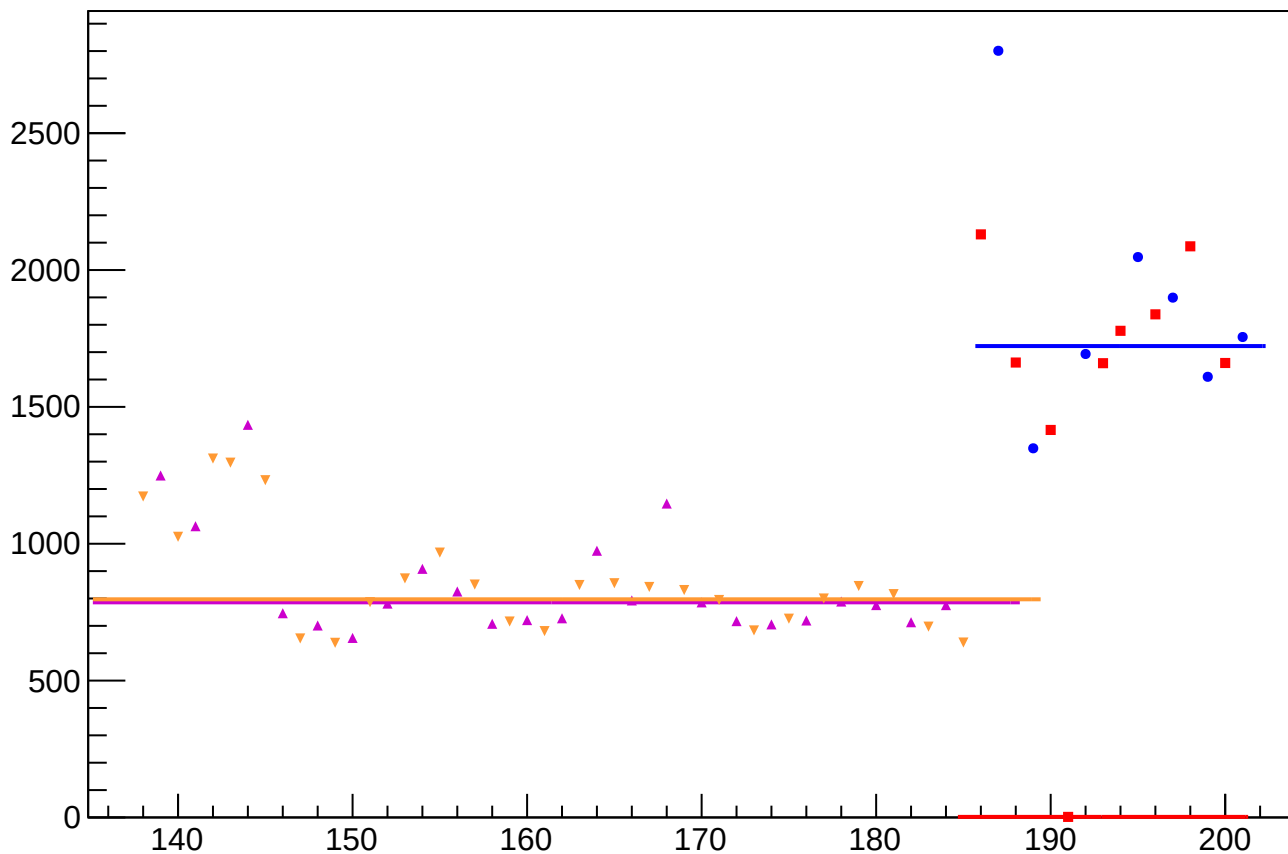
Left In: -35.366 ± 190.553 $\chi^2/\text{NDF}: 15.1/22$

+ sign -652.766 ± 185.559 $\chi^2/\text{NDF}: 54.2/31$

All: -0.060 ± 4.103 $\chi^2/\text{NDF}: 93.6/63$

- sign 0.260 ± 4.104 $\chi^2/\text{NDF}: 27.1/31$

asym_atr1_correction_rms vs Slug



Right In: 1722.220+/-0.596 χ^2/NDF : 176187.1/6

Left Out: 796.994+/-0.135 χ^2/NDF : 1174879.0/24

Right Out: 2.089+/-0.003 χ^2/NDF : 10855647.6/8

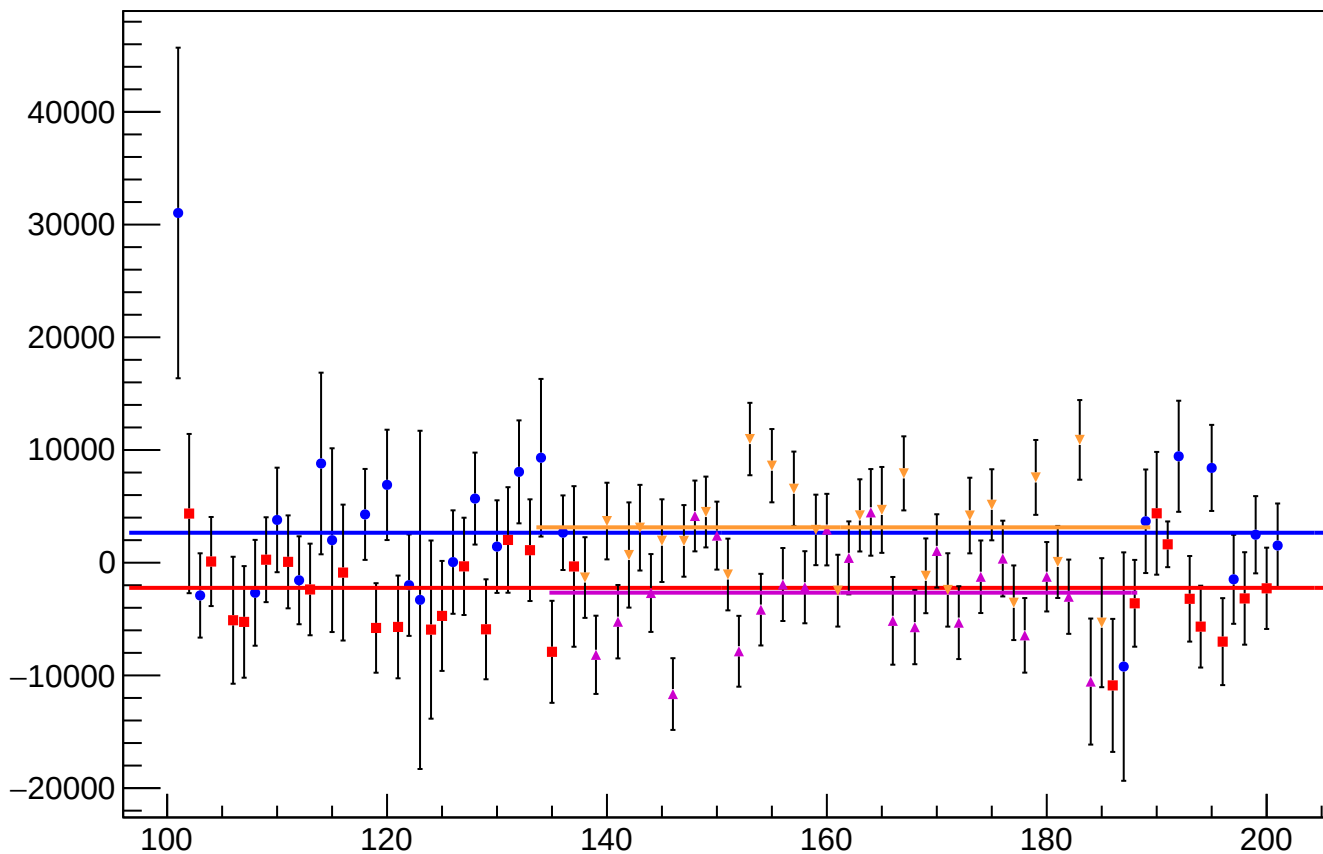
Left In: 785.928+/-0.135 χ^2/NDF : 1126027.7/22

+ sign 841.795+/-0.131 χ^2/NDF : 3642184.3/31

All: 2.863+/-0.003 χ^2/NDF : 90350338.5/63

- sign 2.453+/-0.003 χ^2/NDF : 45807573.4/31

asym_atr1_mean vs Slug



Right In: 2658.038 $\pm$ 938.385 χ^2 /NDF: 21.2/23

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

Right Out: -2232.201 $\pm$ 807.779 χ^2 /NDF: 18.3/26

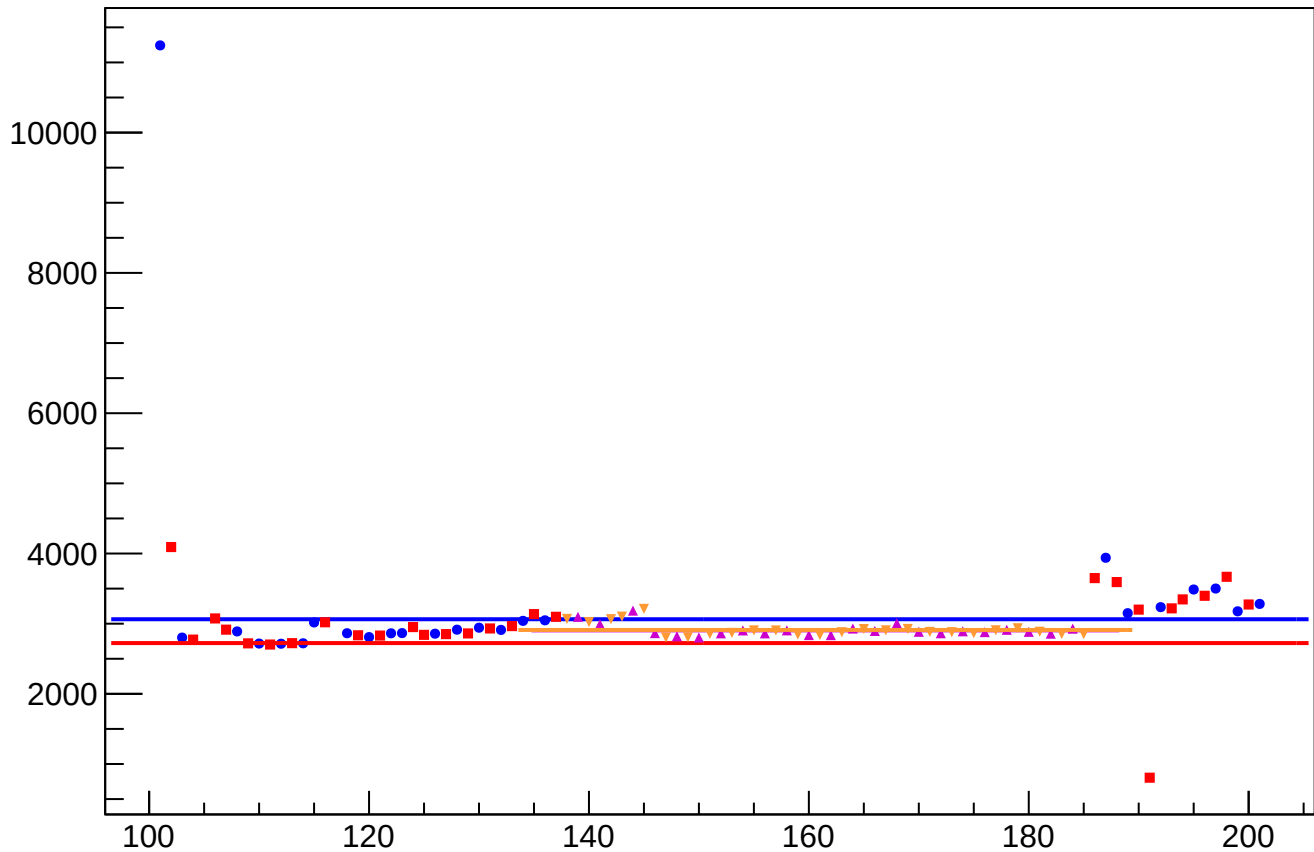
Left In: -2659.828 $\pm$ 693.121 χ^2 /NDF:36.9/22

+ sign 2973.562 $\pm$ 550.745 χ^2 /NDF: 59.7/48

All: 122.405 $\pm$ 380.392 χ^2 /NDF: 166.3/98

- sign -2478.493 $\pm$ 526.019 χ^2 /NDF: 55.4/49

asym_atr1_rms vs Slug



Right In: 3063.275+/-0.664 χ^2/NDF : 767049.1/23

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

Right Out: 2723.585+/-0.571 χ^2/NDF : 2393823.6/26

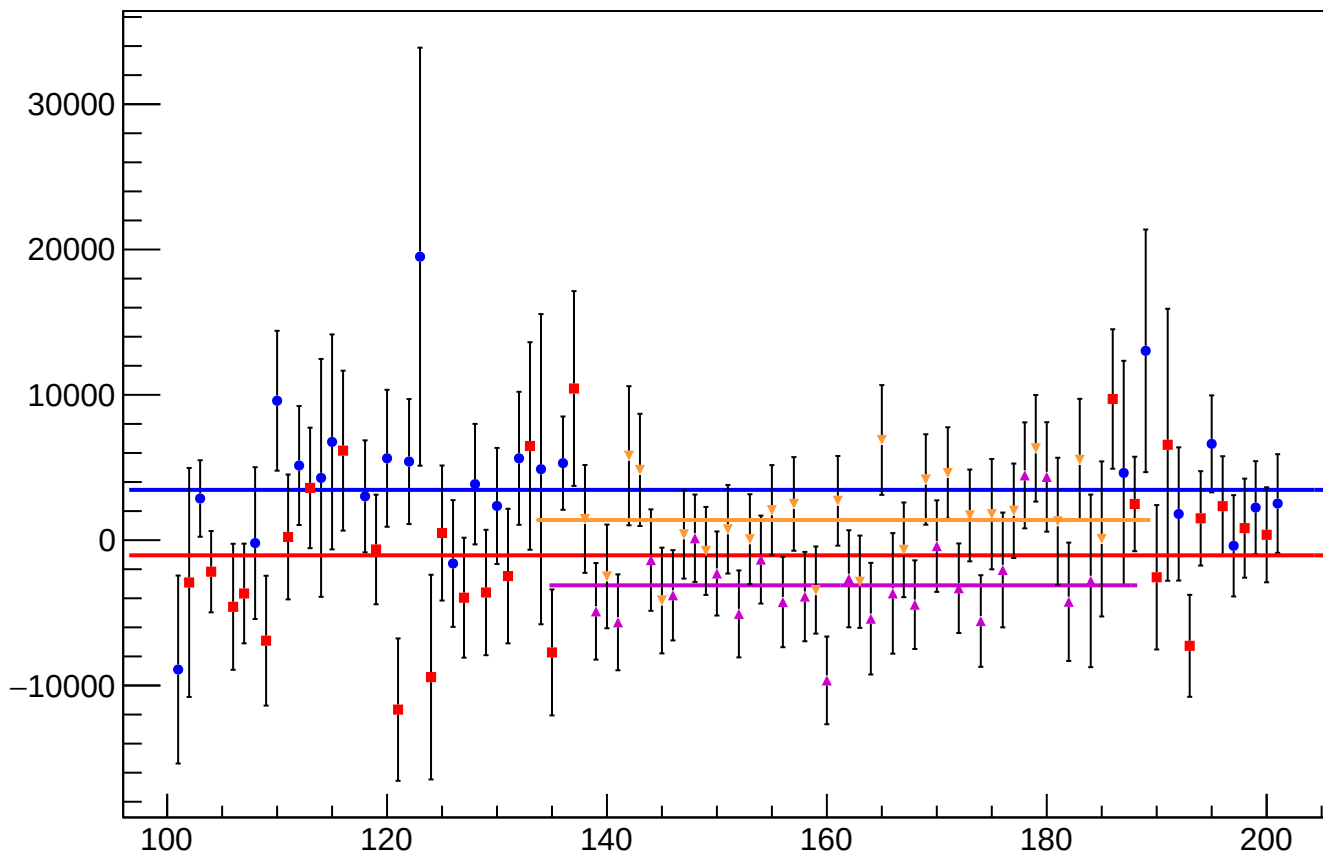
Left In: 2904.499+/-0.490 χ^2/NDF : 30423.1/22

+ sign 2963.034+/-0.389 χ^2/NDF : 837944.0/48

All: 2892.304+/-0.269 χ^2/NDF : 3383048.2/98

- sign 2827.782+/-0.372 χ^2/NDF : 2482026.3/49

dit_asym_atr2_mean vs Slug



Right In: 3460.601 $\pm$ 885.574 χ^2 /NDF: 13.7/23

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

Right Out: -1043.536 $\pm$ 805.532 χ^2 /NDF: 32.0/26

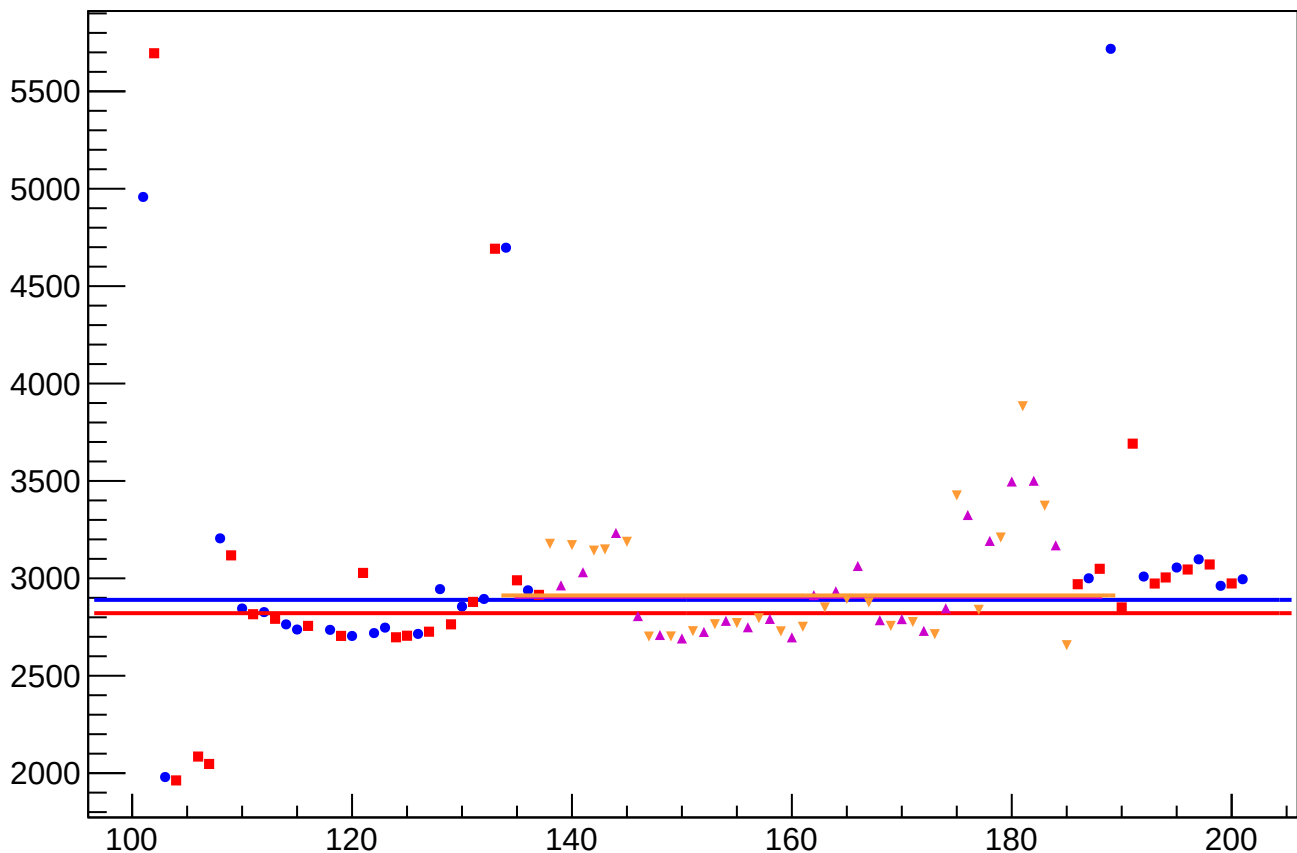
Left In: -3106.878 $\pm$ 695.685 χ^2 /NDF:18.4/22

+ sign 2162.282 $\pm$ 541.650 χ^2 /NDF: 35.1/48

All: -93.725 $\pm$ 377.538 χ^2 /NDF: 123.1/98

- sign -2225.382 $\pm$ 526.511 χ^2 /NDF: 54.2/49

dit_asym_atr2_rms vs Slug



Right In: 2889.533+/-0.626 χ^2/NDF : 770291.2/23

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

Right Out: 2821.218+/-0.569 χ^2/NDF : 836600.7/26

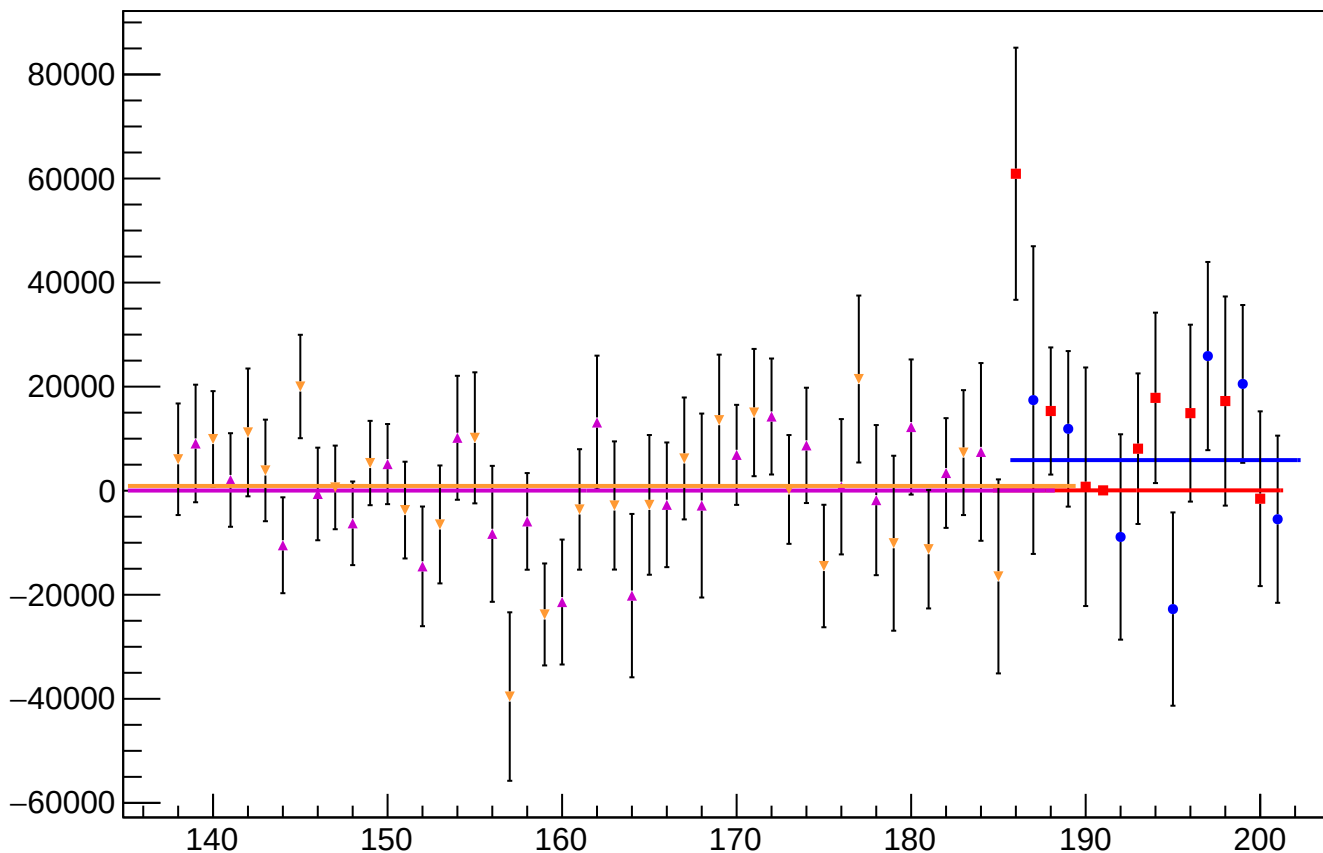
Left In: 2904.472+/-0.492 χ^2/NDF : 217578.9/22

+ sign 2903.727+/-0.383 χ^2/NDF : 1062020.5/48

All: 2885.817+/-0.267 χ^2/NDF : 2132692.1/98

- sign 2868.896+/-0.372 χ^2/NDF : 1066419.0/49

asym_atr2_correction_mean vs Slug



Right In: 5878.421 $\pm$ 6686.965 χ^2 /NDF: 5.9/6

Left Out: 916.096 $\pm$ 2238.762 χ^2 /NDF: 28.7/24

Right Out: 63.014 $\pm$ 29.129 χ^2 /NDF: 10.9/8

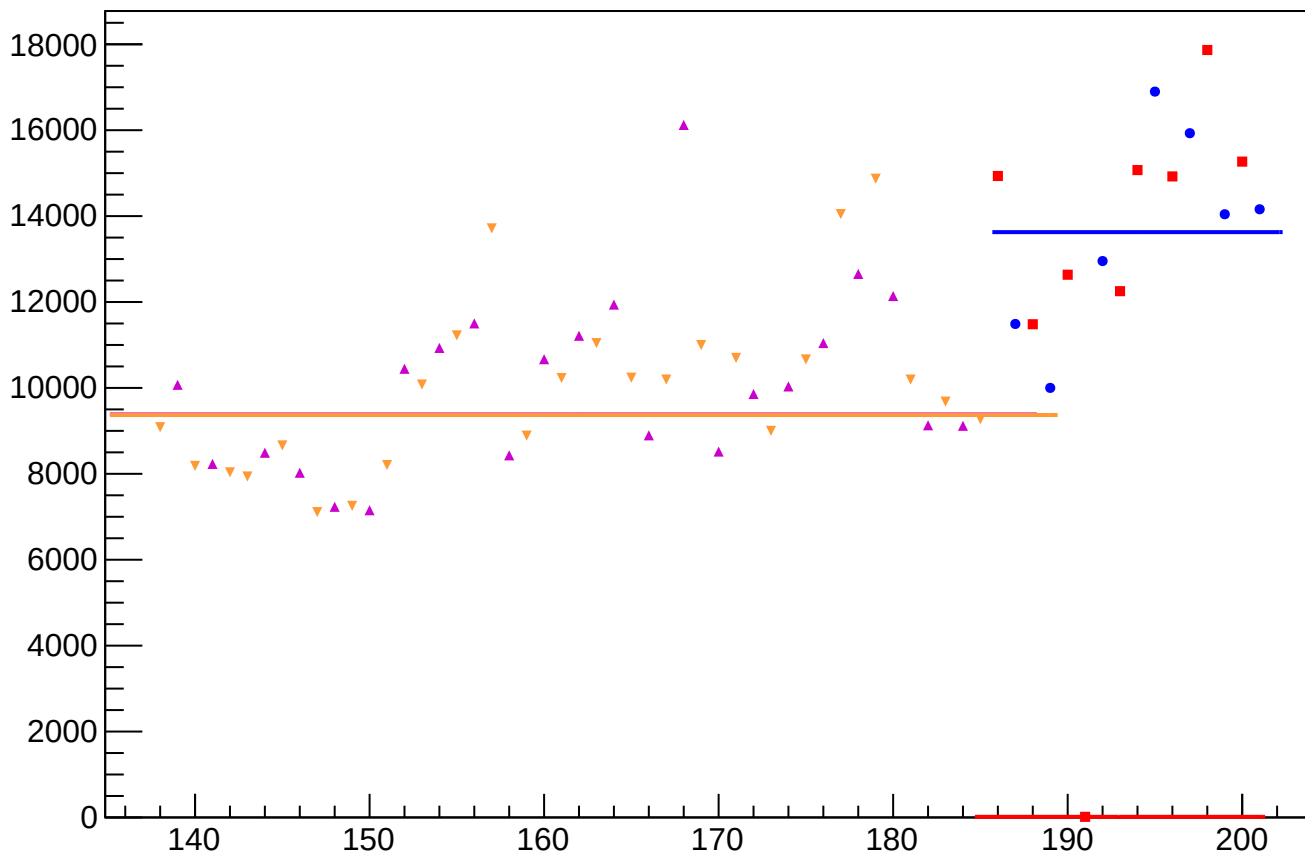
Left In: 25.729 $\pm$ 2280.428 χ^2 /NDF: 16.1/22

+ sign 1416.250 $\pm$ 2122.944 χ^2 /NDF: 35.1/31

All: 63.263 $\pm$ 29.124 χ^2 /NDF: 62.5/63

- sign 63.008 $\pm$ 29.127 χ^2 /NDF: 26.9/31

asym_atr2_correction_rms vs Slug



Right In: 13626.843 $\pm$ 4.728 χ^2 /NDF: 228637.9/6

Left Out: 9369.034 $\pm$ 1.583 χ^2 /NDF:1183012.4/24

Right Out: 14.770 $\pm$ 0.021 χ^2 /NDF: 11012890.5/8

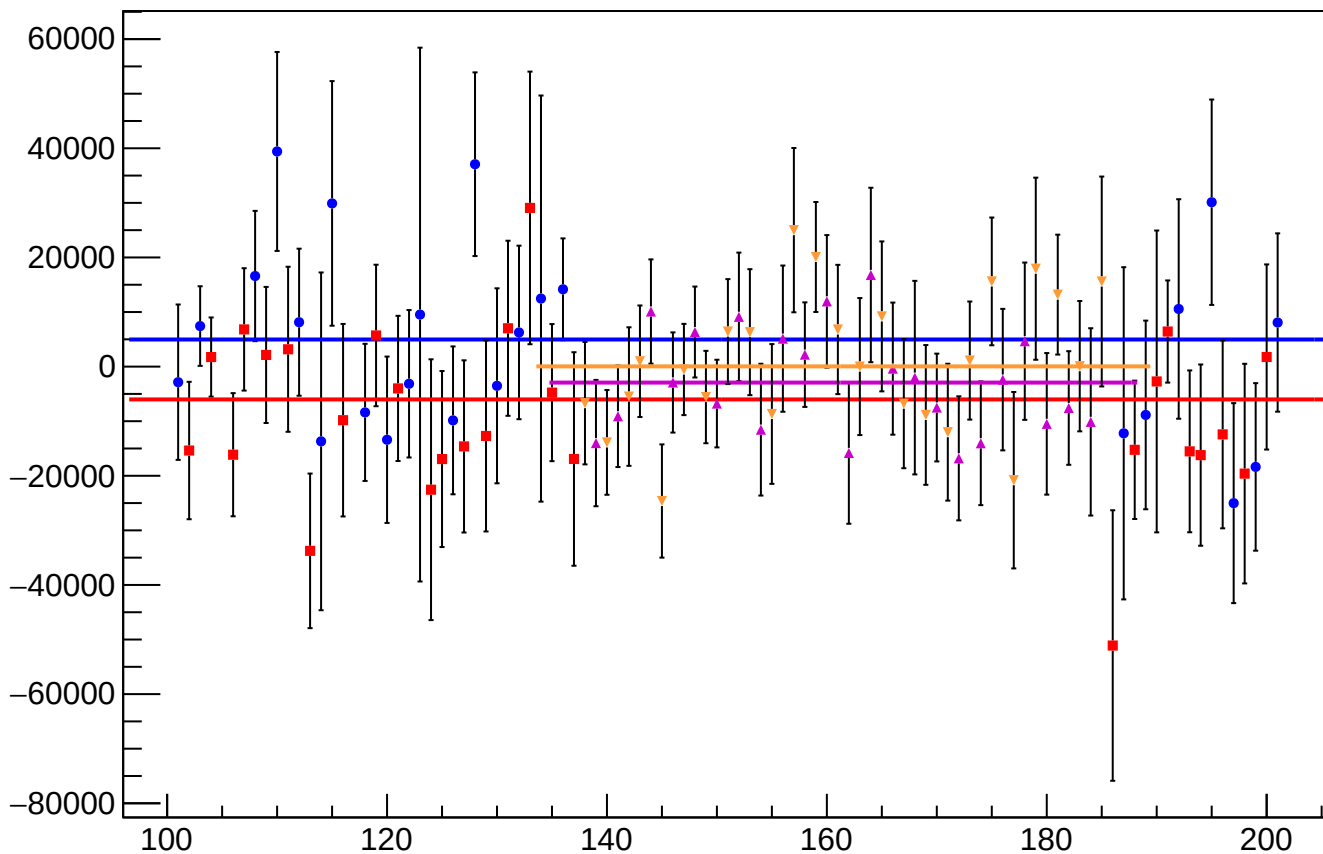
Left In: 9382.727 $\pm$ 1.613 χ^2 /NDF:1205648.8/22

+ sign 9798.180 $\pm$ 1.501 χ^2 /NDF: 2140780.5/31

All: 18.139 $\pm$ 0.021 χ^2 /NDF: 90558621.0/63

- sign 16.298 $\pm$ 0.021 χ^2 /NDF: 45964079.2/31

asym_atr2_mean vs Slug



Right In: 4968.854 $\pm$ 3044.813 χ^2 /NDF: 23.5/23

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

Right Out: -6010.309 $\pm$ 2699.964 χ^2 /NDF: 20.9/26

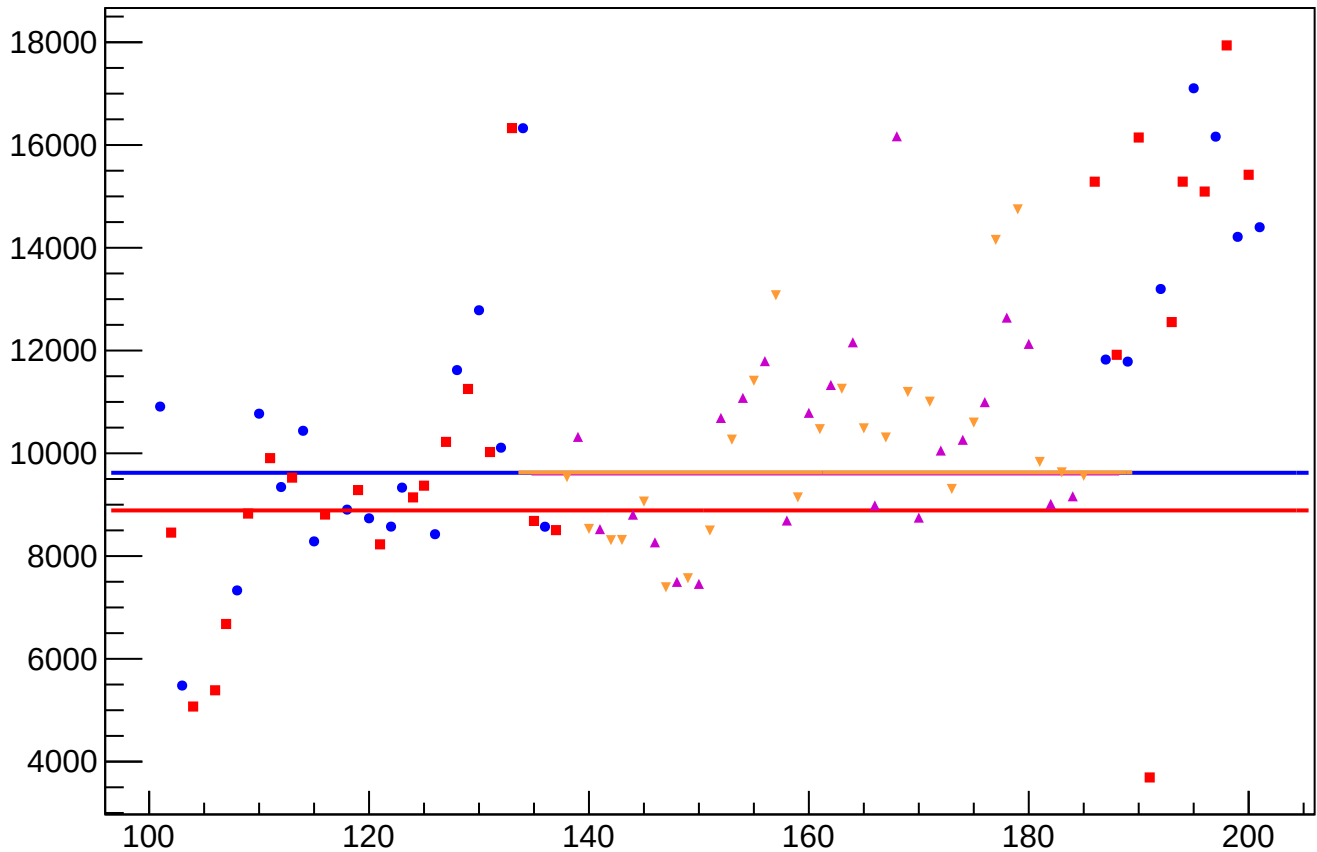
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF: 14.6/22

+ sign 1823.684 $\pm$ 1830.597 χ^2 /NDF: 51.0/48

All: -1321.431 $\pm$ 1270.313 χ^2 /NDF: 93.0/98

- sign -4242.631 $\pm$ 1764.229 χ^2 /NDF: 36.2/49

asym_atr2_rms vs Slug



Right In: 9620.984 $\pm$ 2.153 χ^2 /NDF: 2003238.2/23

Left Out: 9627.824 $\pm$ 1.620 χ^2 /NDF:1004641.7/24

Right Out: 8888.267 $\pm$ 1.909 χ^2 /NDF: 3471574.1/26

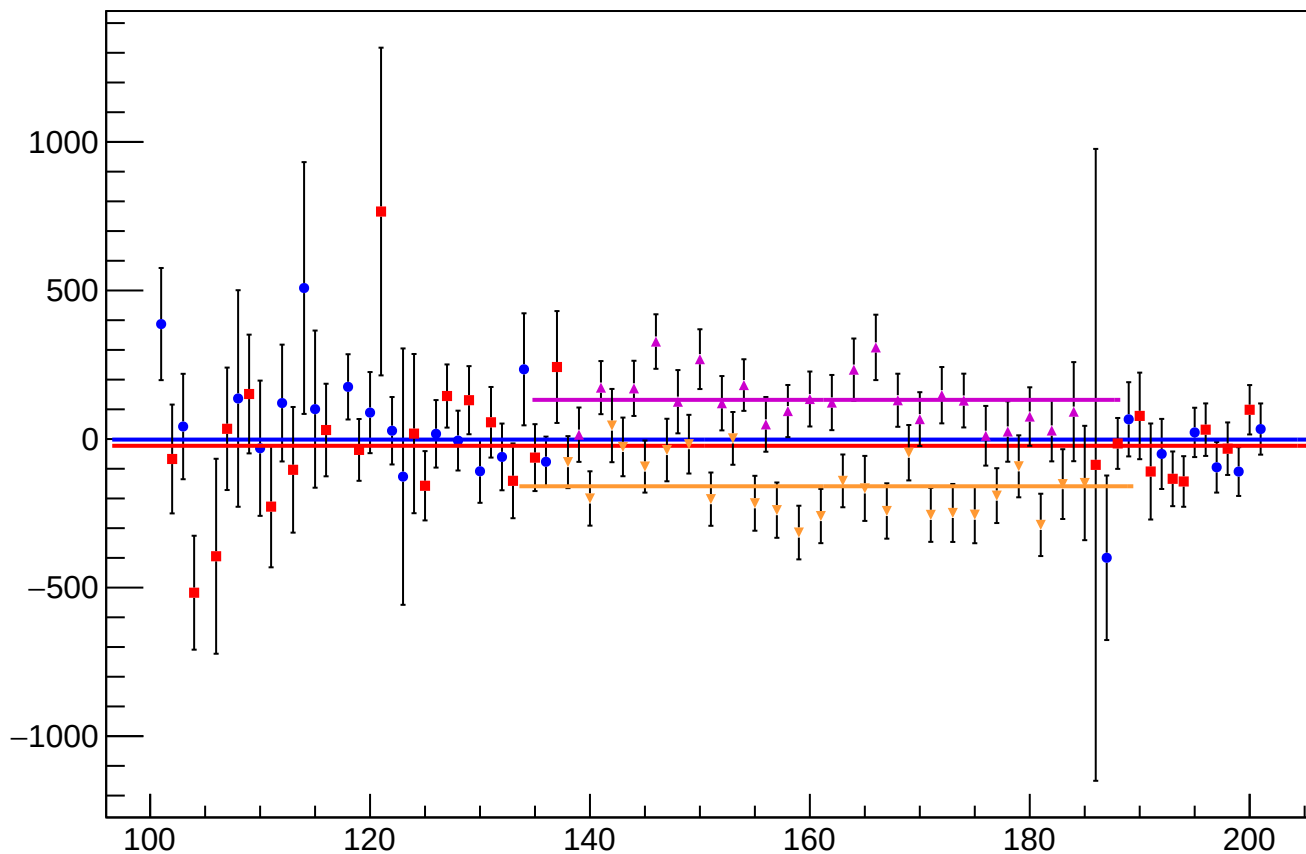
Left In: 9607.553 $\pm$ 1.648 χ^2 /NDF:1085465.7/22

+ sign 9625.352 $\pm$ 1.294 χ^2 /NDF: 3007886.4/48

All: 9456.891 $\pm$ 0.898 χ^2 /NDF: 7678936.1/98

- sign 9300.429 $\pm$ 1.247 χ^2 /NDF: 4638381.8/49

dit_asym_sam1_mean vs Slug



Right In: -1.807 ± 25.170 χ^2/NDF : 19.0/23

Left Out: -158.948 ± 19.453 χ^2/NDF : 25.8/24

Right Out: -22.738 ± 24.468 χ^2/NDF : 28.0/26

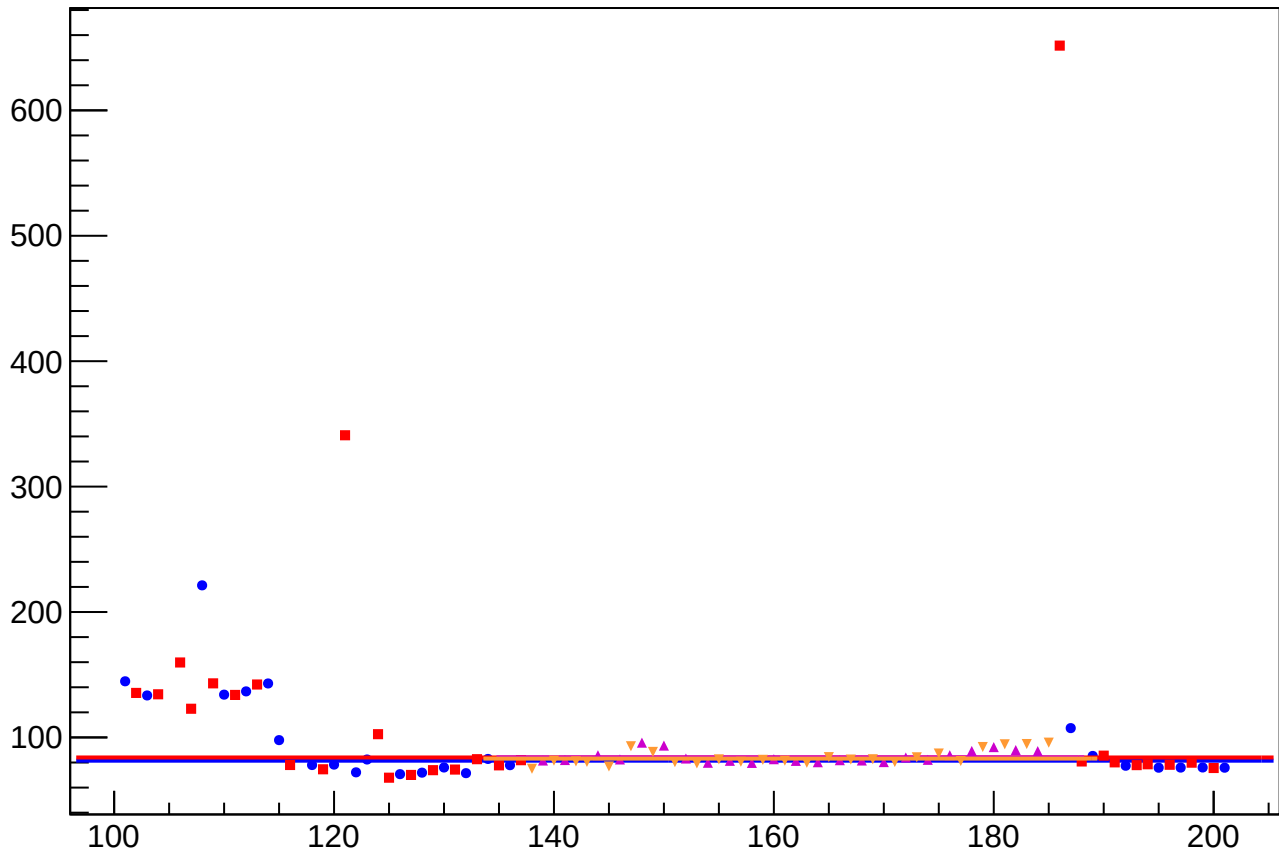
Left In: 131.879 ± 20.076 χ^2/NDF : 17.8/22

+ sign -100.185 ± 15.392 χ^2/NDF : 69.2/48

All: -15.963 ± 10.929 χ^2/NDF : 199.2/98

- sign 69.670 ± 15.520 χ^2/NDF : 69.6/49

dit_asym_sam1_rms vs Slug



Right In: 81.456 $\pm$ 0.018 χ^2 /NDF: 1139332.4/23

Left Out: 83.126 $\pm$ 0.014 χ^2 /NDF: 138741.0/24

Right Out: 84.019 $\pm$ 0.017 χ^2 /NDF: 2114614.9/26

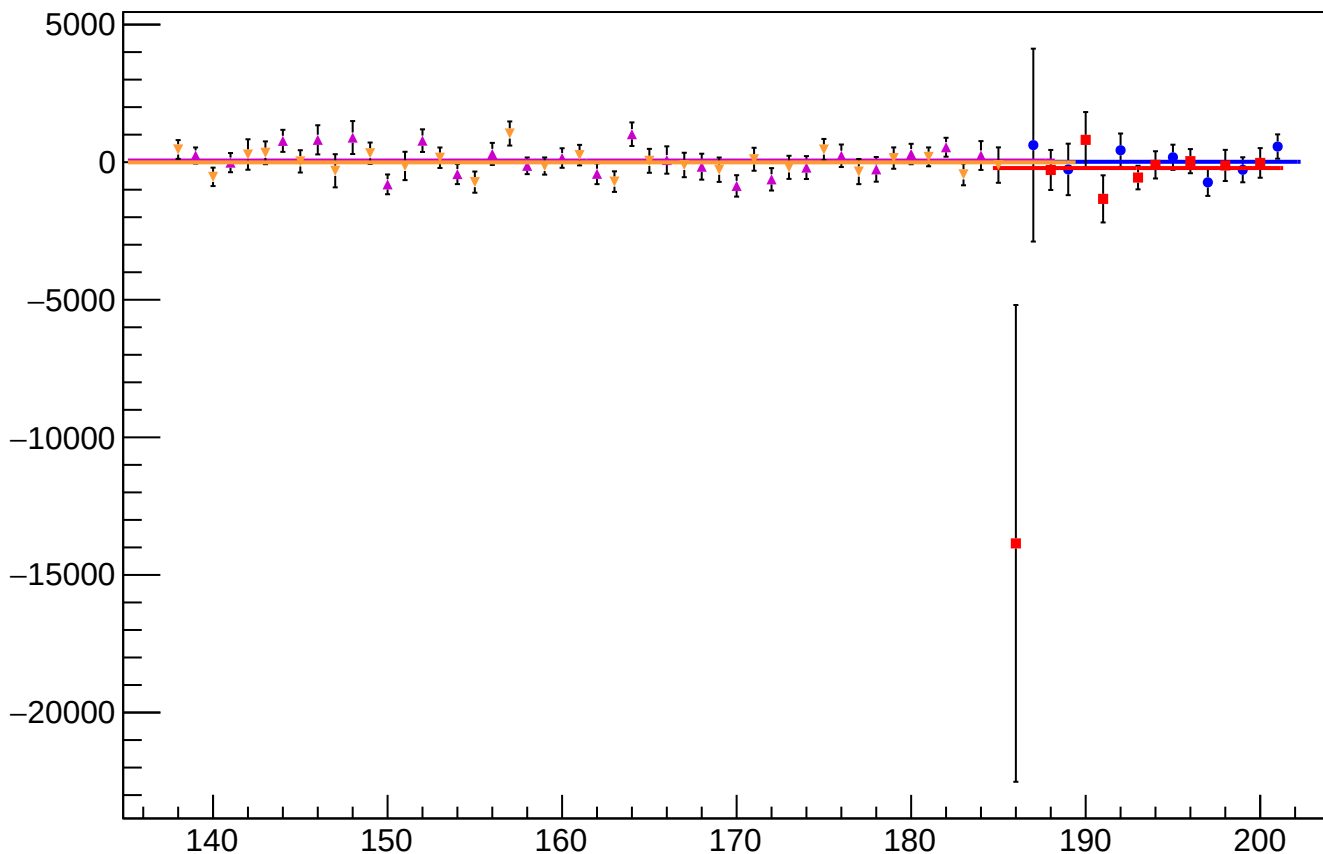
Left In: 84.108 $\pm$ 0.014 χ^2 /NDF: 96934.3/22

+ sign 82.502 $\pm$ 0.011 χ^2 /NDF: 1283586.8/48

All: 83.280 $\pm$ 0.008 χ^2 /NDF: 3505478.2/98

- sign 84.072 $\pm$ 0.011 χ^2 /NDF: 2211565.3/49

asym_sam1_correction_mean vs Slug



Right In: 14.082 ± 209.459 χ^2/NDF : 5.0/6

Left Out: -6.627 ± 81.138 χ^2/NDF : 24.4/24

Right Out: -213.962 ± 197.856 χ^2/NDF : 6.4/8

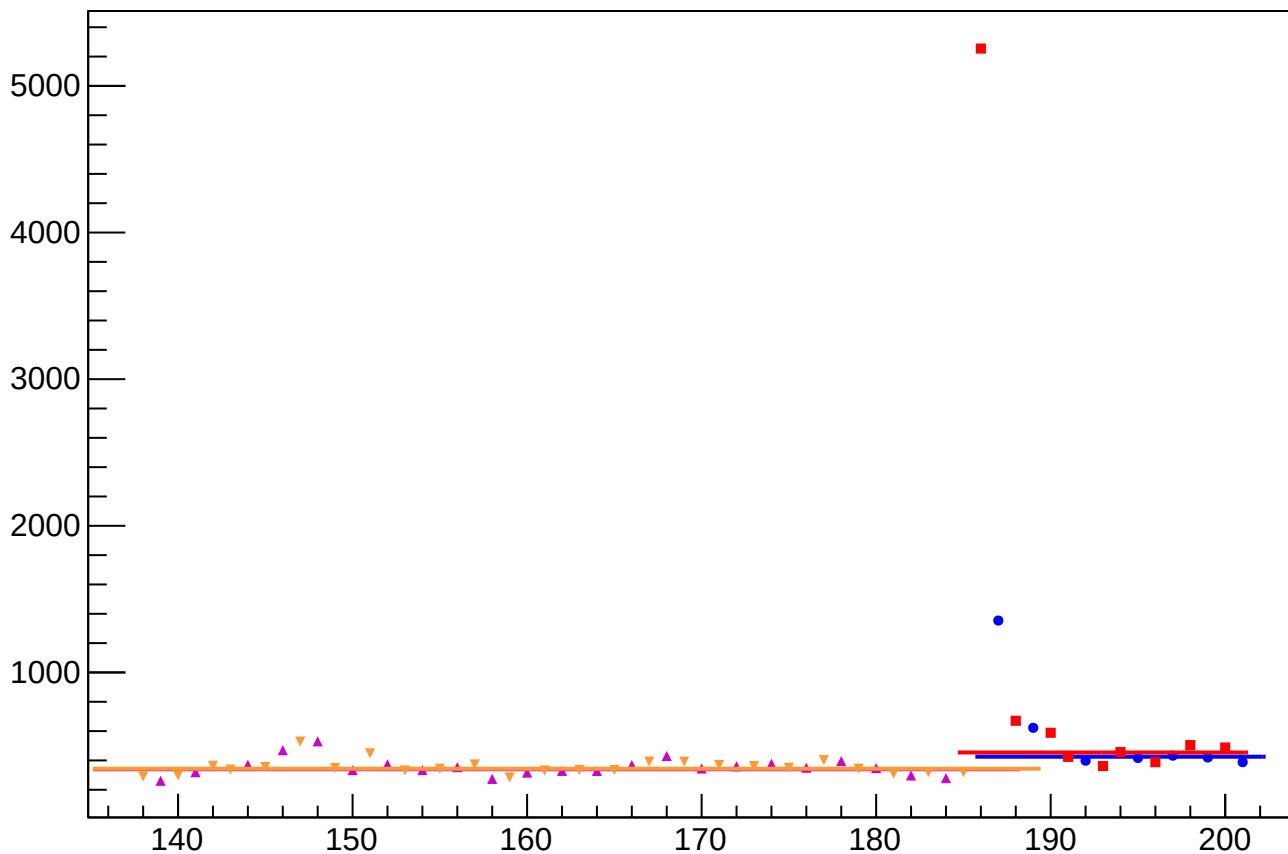
Left In: 59.971 ± 82.046 χ^2/NDF : 38.0/22

+ sign -3.925 ± 75.660 χ^2/NDF : 29.4/31

All: 7.906 ± 53.545 χ^2/NDF : 75.5/63

- sign 19.778 ± 75.788 χ^2/NDF : 46.0/31

asym_sam1_correction_rms vs Slug



Right In: 425.300+/-0.148 χ^2/NDF : 248887.9/6

Left Out: 343.620+/-0.057 χ^2/NDF : 571090.7/24

Right Out: 454.232+/-0.140 χ^2/NDF : 991503.0/8

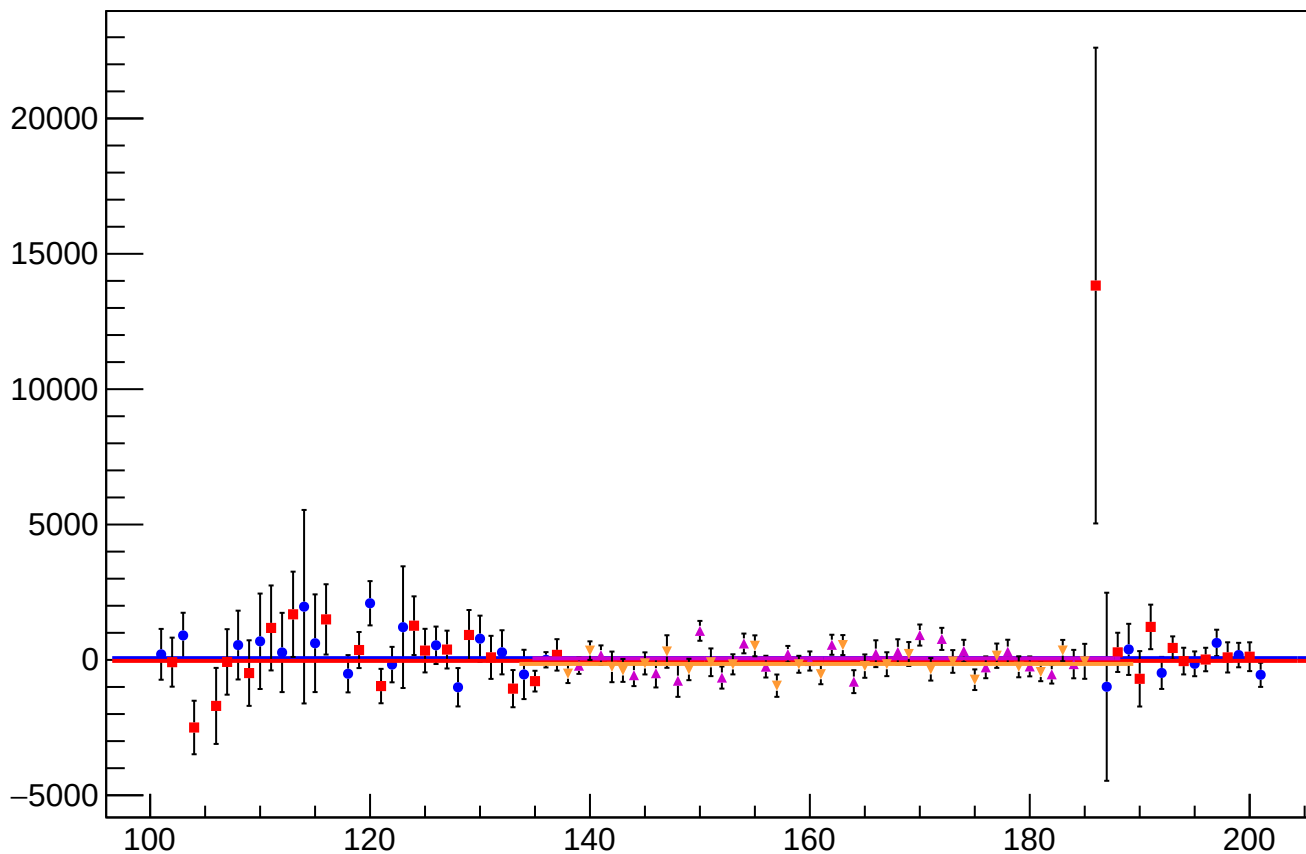
Left In: 339.804+/-0.058 χ^2/NDF : 799750.5/22

+ sign 354.277+/-0.053 χ^2/NDF : 1084425.9/31

All: 355.433+/-0.038 χ^2/NDF : 3447417.5/63

- sign 356.593+/-0.054 χ^2/NDF : 2362056.0/31

asym_sam1_mean vs Slug



Right In: 64.703 ± 135.975 χ^2/NDF : 17.5/23

Left Out: -148.809 ± 81.017 χ^2/NDF : 22.0/24

Right Out: -36.332 ± 134.410 χ^2/NDF : 29.6/26

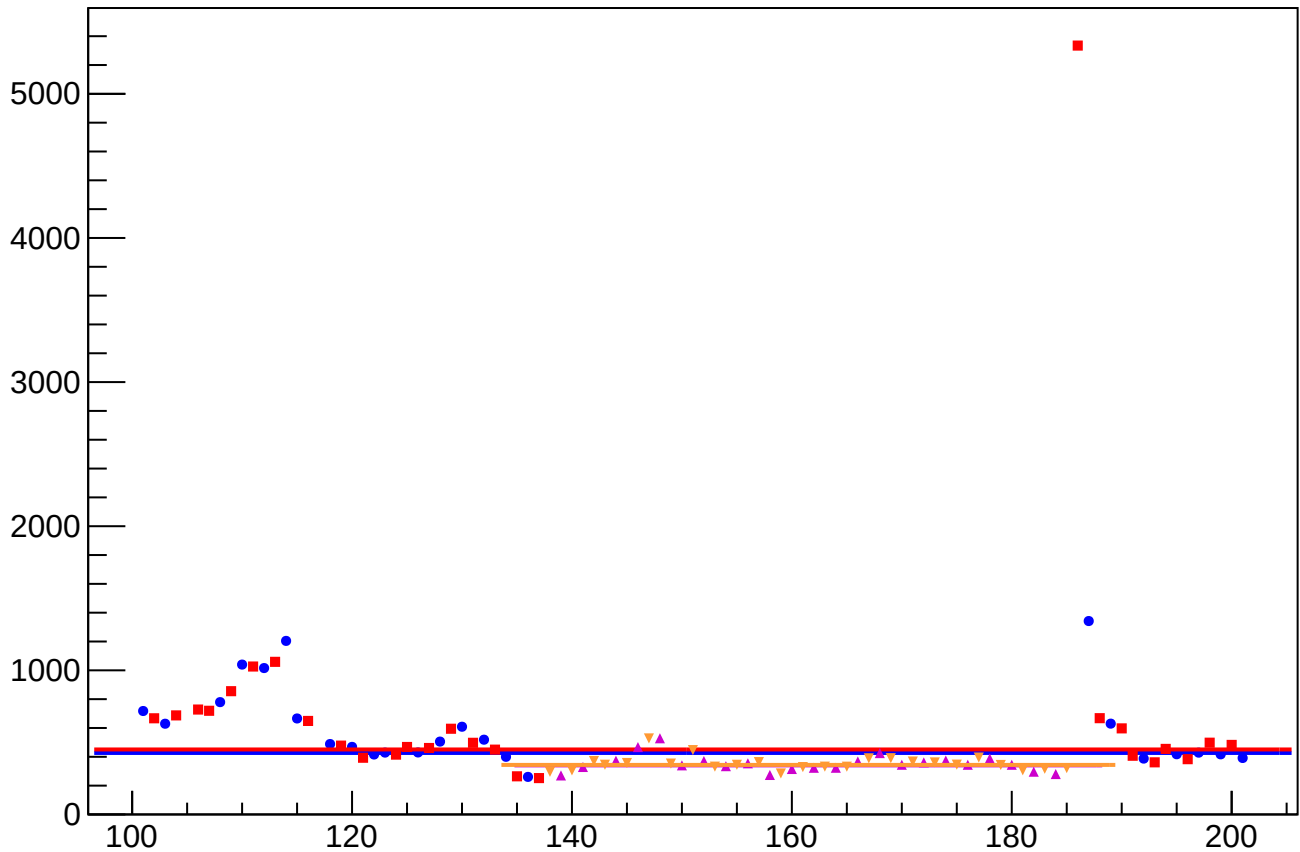
Left In: 56.402 ± 82.155 χ^2/NDF : 39.7/22

+ sign -92.870 ± 69.599 χ^2/NDF : 41.4/48

All: -31.288 ± 49.389 χ^2/NDF : 112.6/98

- sign 31.180 ± 70.098 χ^2/NDF : 69.6/49

asym_sam1_rms vs Slug



Right In: 426.782 $\pm$ 0.096 χ^2 /NDF: 2266898.5/23

Left Out: 343.762 $\pm$ 0.057 χ^2 /NDF: 539246.3/24

Right Out: 450.947 $\pm$ 0.095 χ^2 /NDF: 3028612.6/26

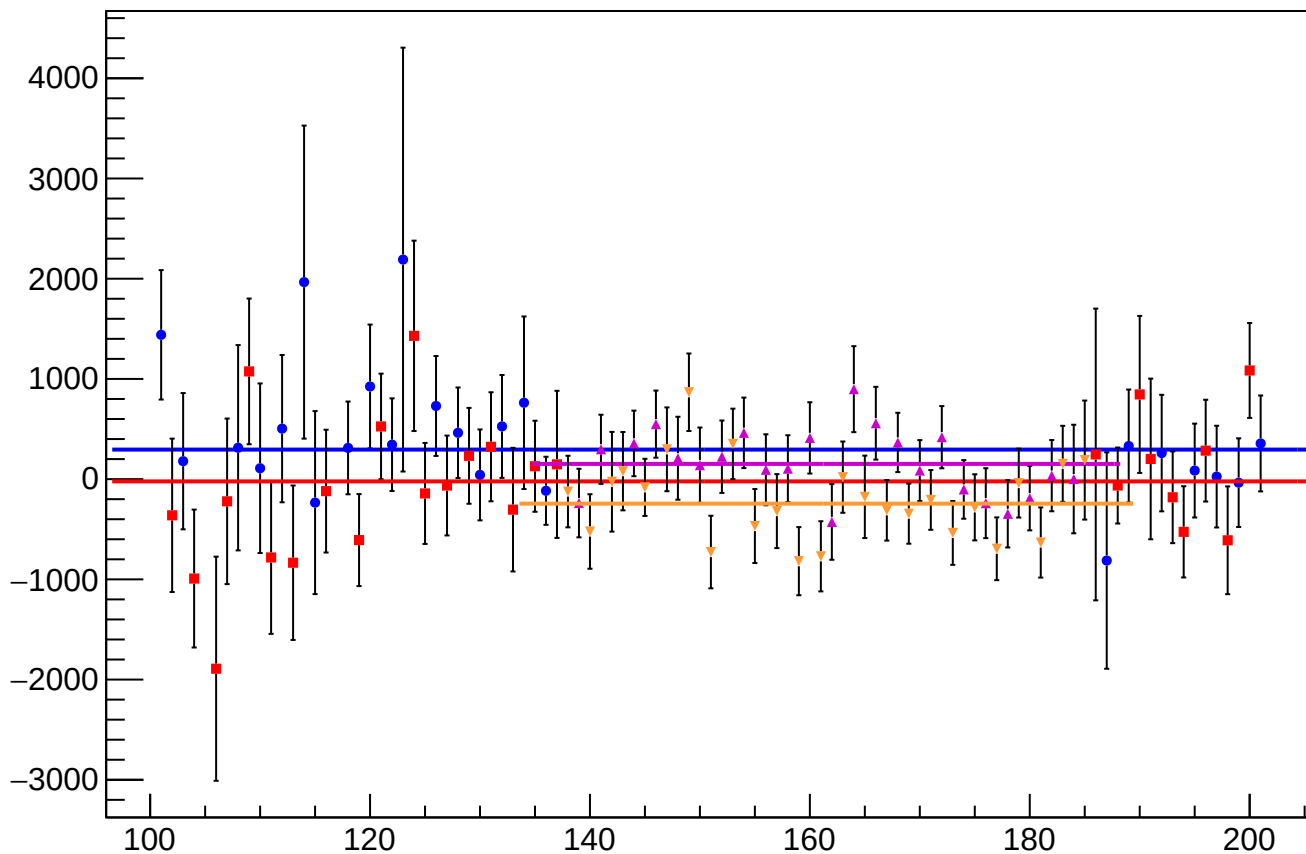
Left In: 340.519 $\pm$ 0.058 χ^2 /NDF: 737049.6/22

+ sign 365.513 $\pm$ 0.049 χ^2 /NDF: 3356358.3/48

All: 368.015 $\pm$ 0.035 χ^2 /NDF: 8110030.7/98

- sign 370.554 $\pm$ 0.050 χ^2 /NDF: 4748462.8/49

dit_asym_sam2_mean vs Slug



Right In: 294.930 ± 115.432 χ^2/NDF : 11.9/23

Left Out: -244.459 ± 70.636 χ^2/NDF : 28.9/24

Right Out: -22.422 ± 111.397 χ^2/NDF : 25.3/26

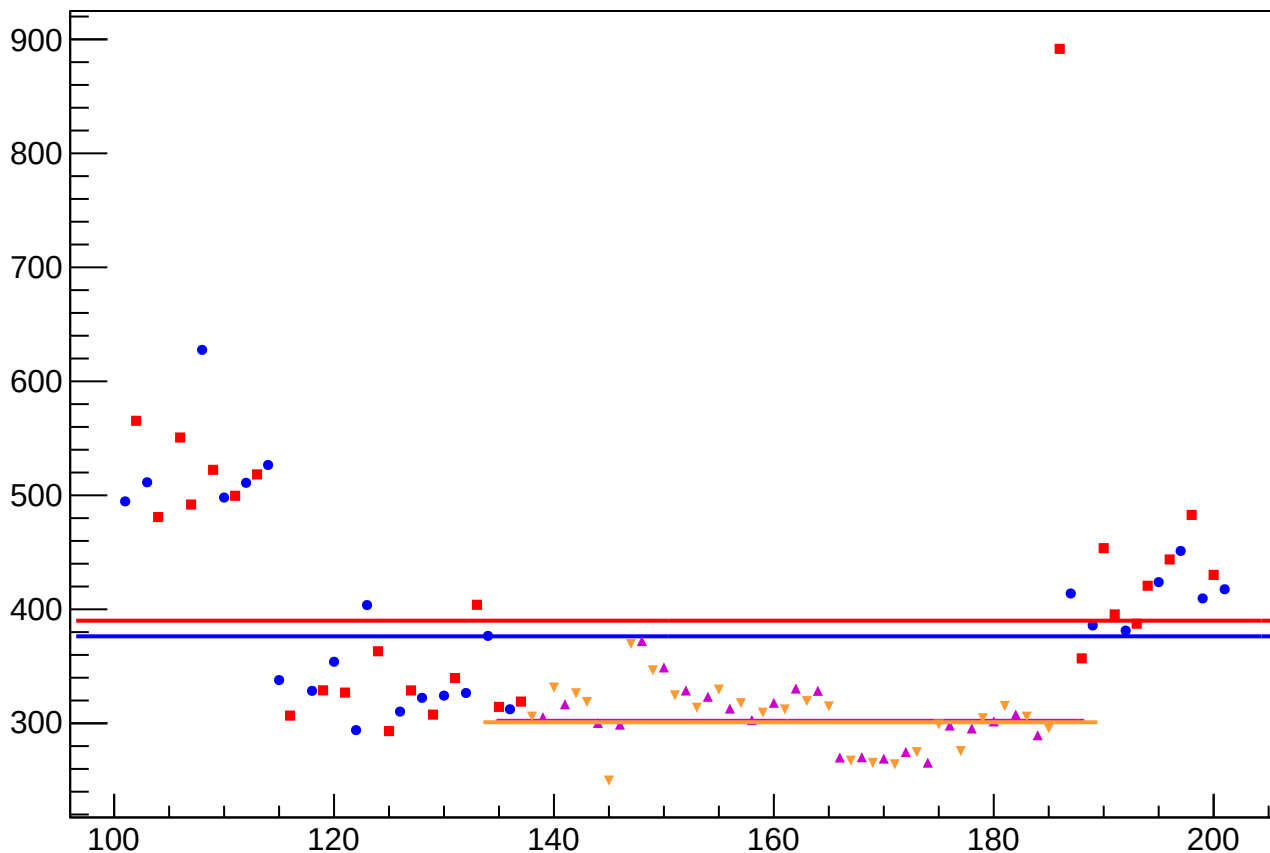
Left In: 152.030 ± 72.312 χ^2/NDF : 18.2/22

+ sign -97.507 ± 60.251 χ^2/NDF : 56.7/48

All: 0.744 ± 42.745 χ^2/NDF : 107.3/98

- sign 100.312 ± 60.653 χ^2/NDF : 45.2/49

dit_asym_sam2_rms vs Slug



Right In: 376.304 ± 0.082 χ^2/NDF : 758039.0/23

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

Right Out: 390.005 ± 0.079 χ^2/NDF : 1104735.2/26

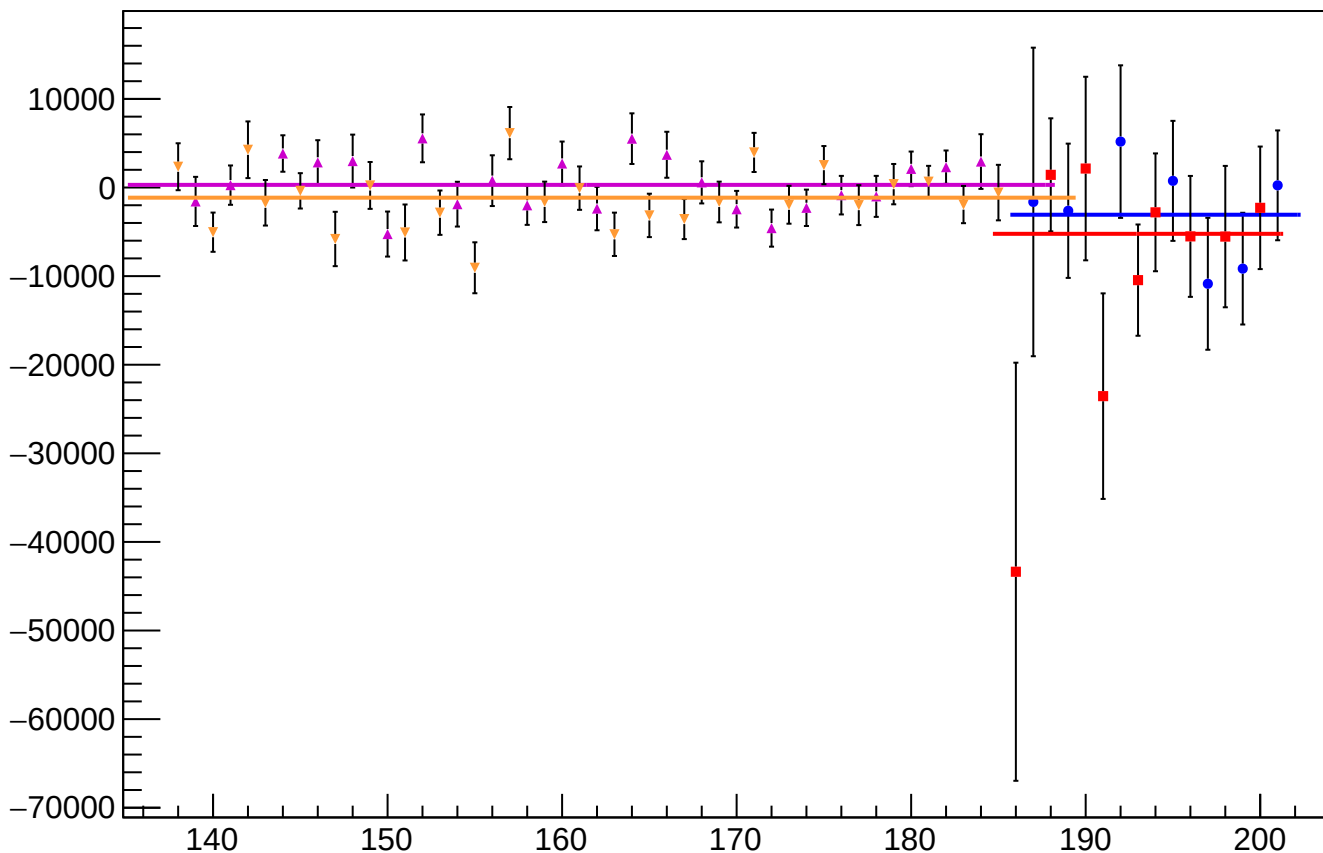
Left In: 302.180 ± 0.051 χ^2/NDF : 247468.9/22

+ sign 321.487 ± 0.043 χ^2/NDF : 1700161.0/48

All: 324.829 ± 0.030 χ^2/NDF : 3939370.0/98

- sign 328.216 ± 0.043 χ^2/NDF : 2226818.7/49

asym_sam2_correction_mean vs Slug



Right In: -3070.546 $\pm$ 2825.891 χ^2 /NDF: 3.6/6

Left Out: -1146.466 $\pm$ 479.950 χ^2 /NDF: 41.3/24

Right Out: -5225.654 $\pm$ 2589.155 χ^2 /NDF: 7.7/8

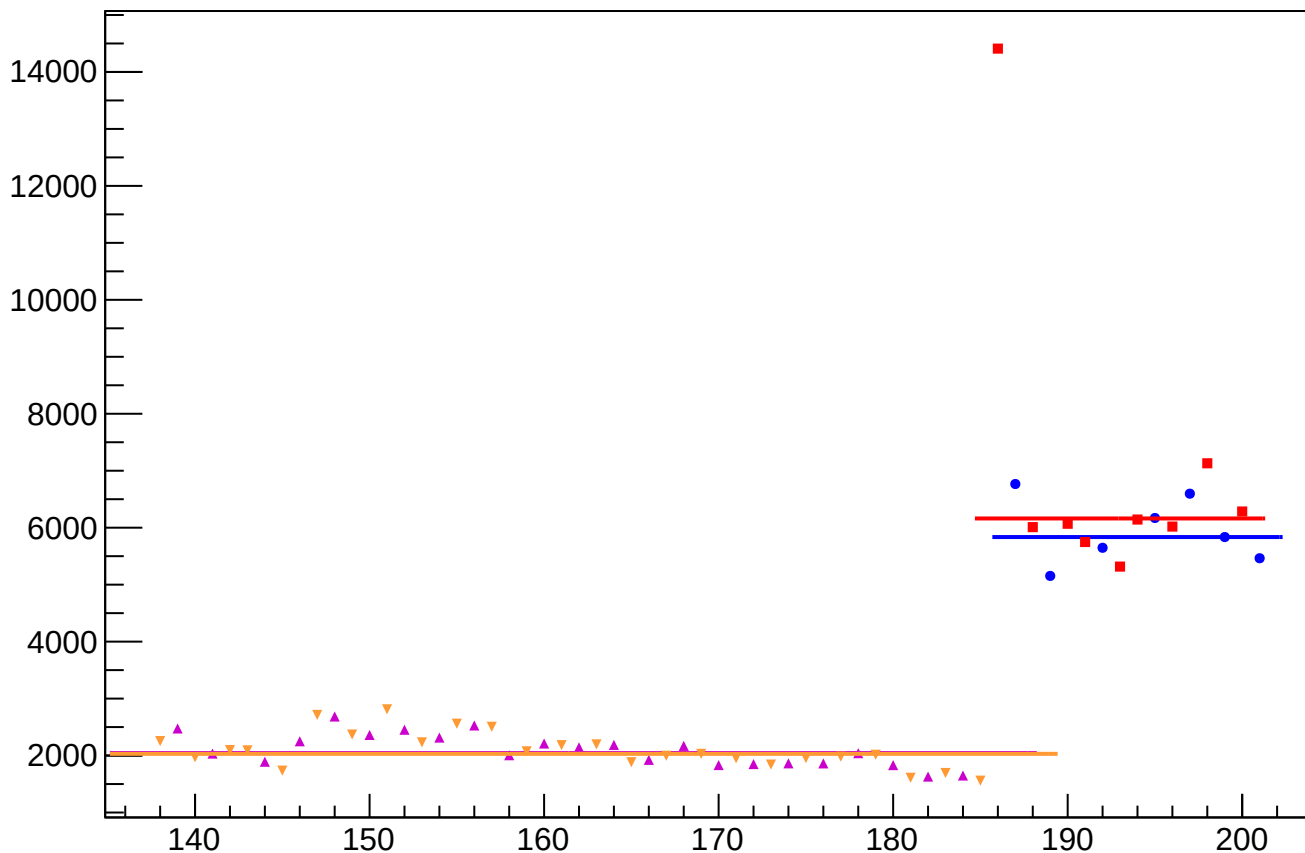
Left In: 298.915 $\pm$ 491.476 χ^2 /NDF: 35.0/22

+ sign -1200.412 $\pm$ 473.174 χ^2 /NDF: 45.3/31

All: -560.051 $\pm$ 337.955 χ^2 /NDF: 96.1/63

- sign 106.777 $\pm$ 482.854 χ^2 /NDF: 47.1/31

asym_sam2_correction_rms vs Slug



Right In: 5835.676+/-1.998 χ^2/NDF : 55872.8/6

Left Out: 2030.179+/-0.339 χ^2/NDF : 702523.9/24

Right Out: 6161.960+/-1.831 χ^2/NDF : 315376.3/8

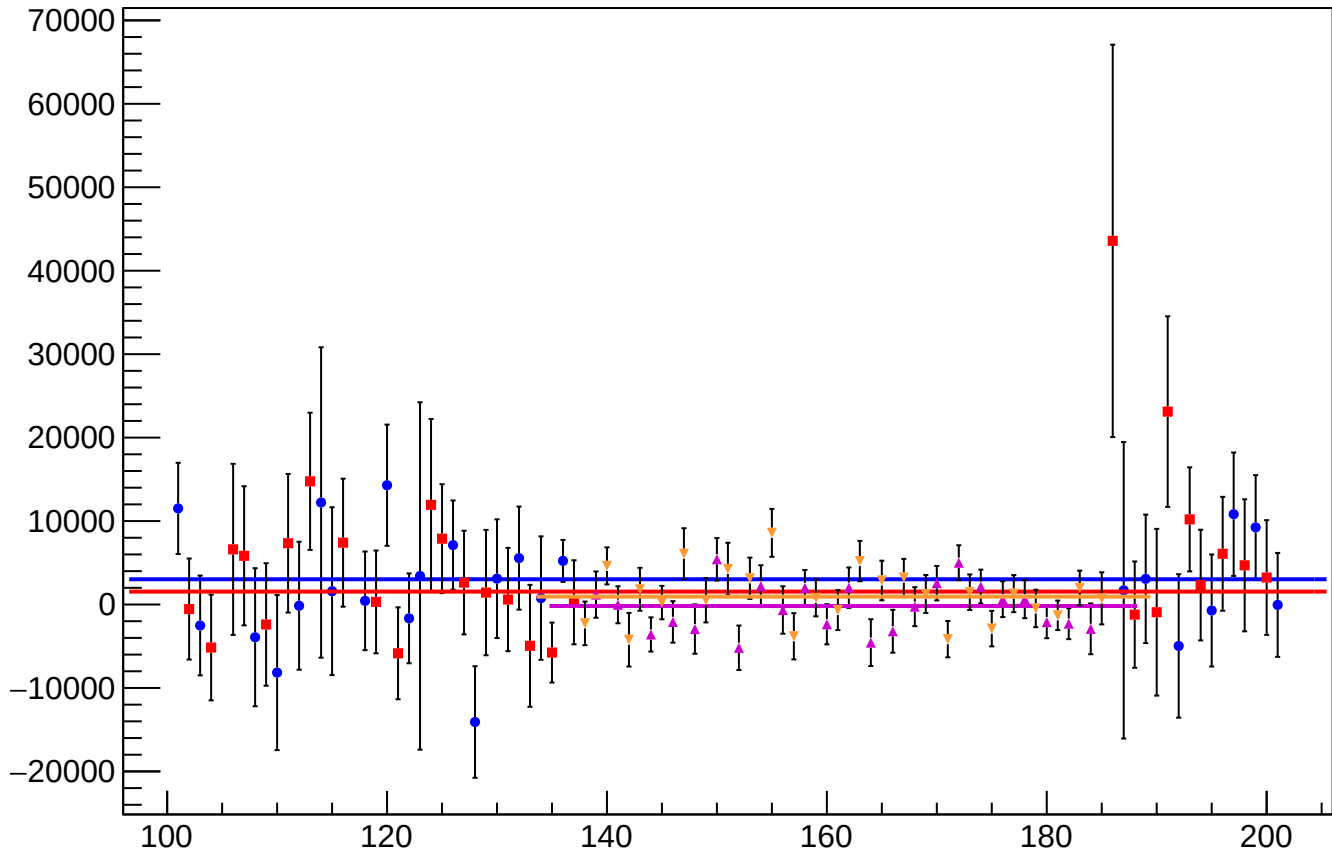
Left In: 2044.056+/-0.348 χ^2/NDF : 570535.5/22

+ sign 2136.874+/-0.335 χ^2/NDF : 4283660.5/31

All: 2161.563+/-0.239 χ^2/NDF : 10063760.3/6

- sign 2187.272+/-0.341 χ^2/NDF : 5768985.1/31

asym_sam2_mean vs Slug



Right In: 3025.876 $\pm$ 1283.211 χ^2 /NDF: 20.9/23

Left Out: 942.775 $\pm$ 474.439 χ^2 /NDF: 38.3/24

Right Out: 1546.443 $\pm$ 1302.130 χ^2 /NDF: 24.1/26

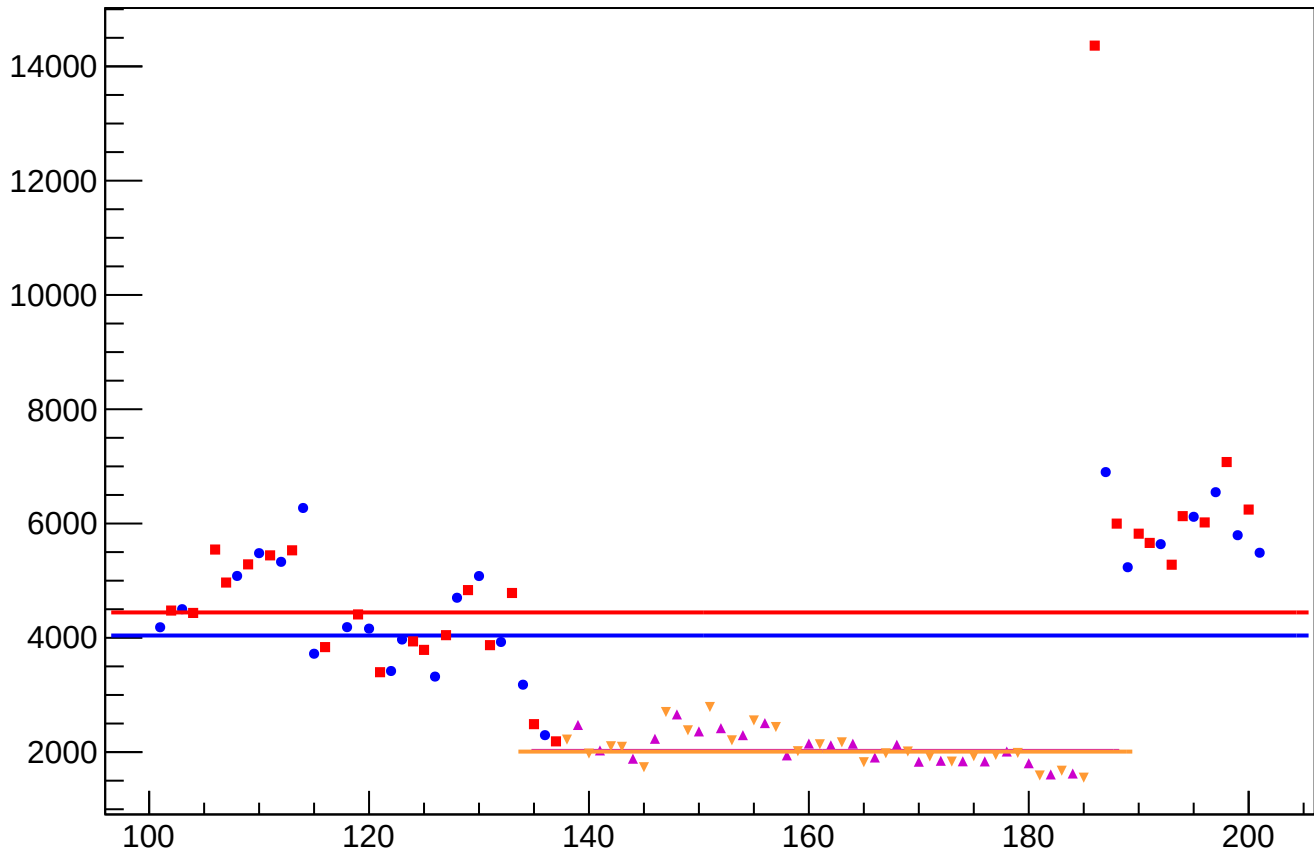
Left In: -180.087 $\pm$ 486.112 χ^2 /NDF: 32.9/22

+ sign 1193.287 $\pm$ 444.998 χ^2 /NDF: 61.5/48

All: 625.635 $\pm$ 318.279 χ^2 /NDF: 123.4/98

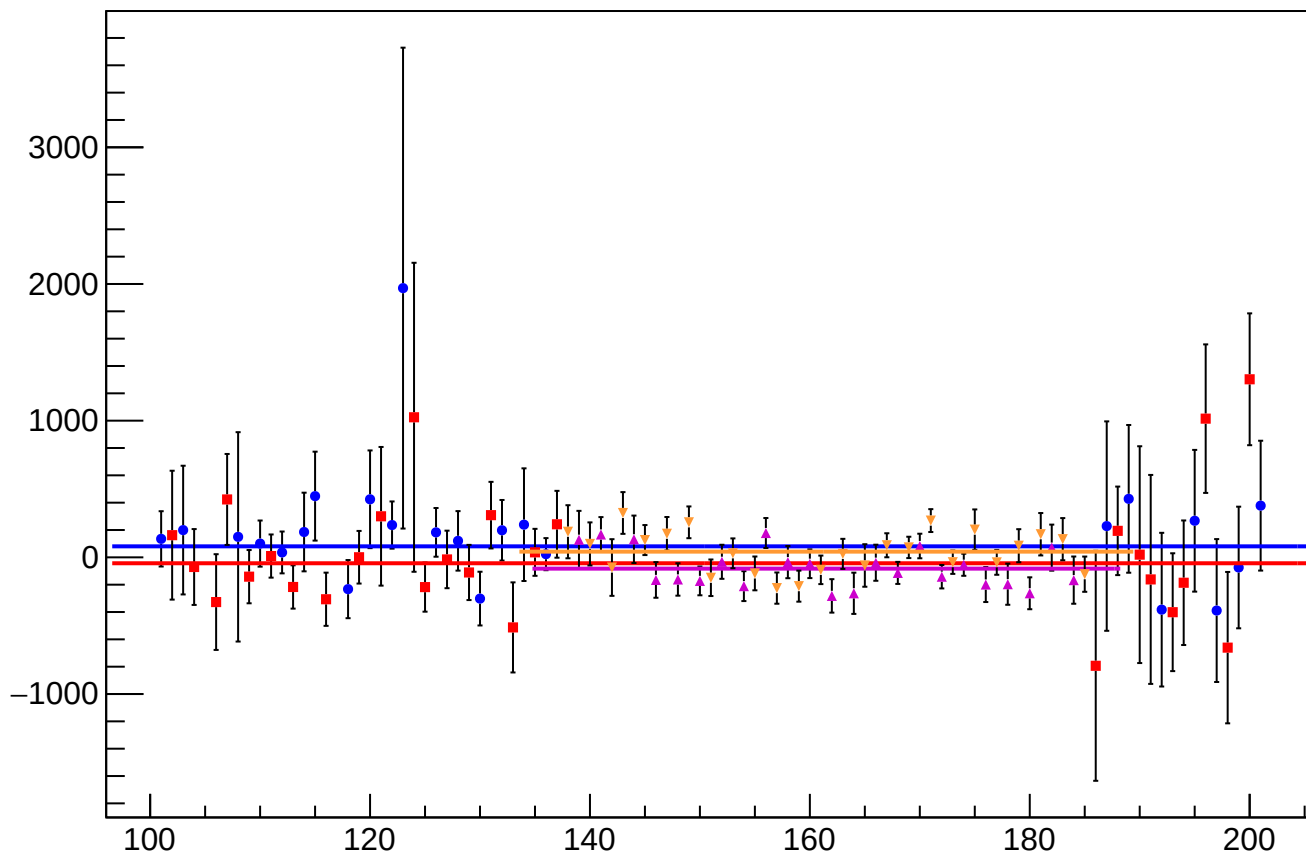
- sign 31.103 $\pm$ 455.411 χ^2 /NDF: 58.6/49

asym_sam2_rms vs Slug



Right In: 4040.366+/-0.907	χ^2/NDF : 2155316.4/23	+ sign 2253.201+/-0.315	χ^2/NDF : 7274267.0/48
Left Out: 2008.897+/-0.335	χ^2/NDF : 709254.4/24	All: 2284.514+/-0.225	χ^2/NDF : 16375151.3/9
Right Out: 4444.221+/-0.921	χ^2/NDF : 2424519.6/26	- sign 2317.311+/-0.322	χ^2/NDF : 9080608.4/49
Left In: 2020.887+/-0.344	χ^2/NDF : 576363.5/22		

dit_asym_sam3_mean vs Slug



Right In: 80.480 ± 50.233 χ^2/NDF : 14.1/23

Left Out: 41.847 ± 23.035 χ^2/NDF : 39.1/24

Right Out: -43.289 ± 50.693 χ^2/NDF : 29.4/26

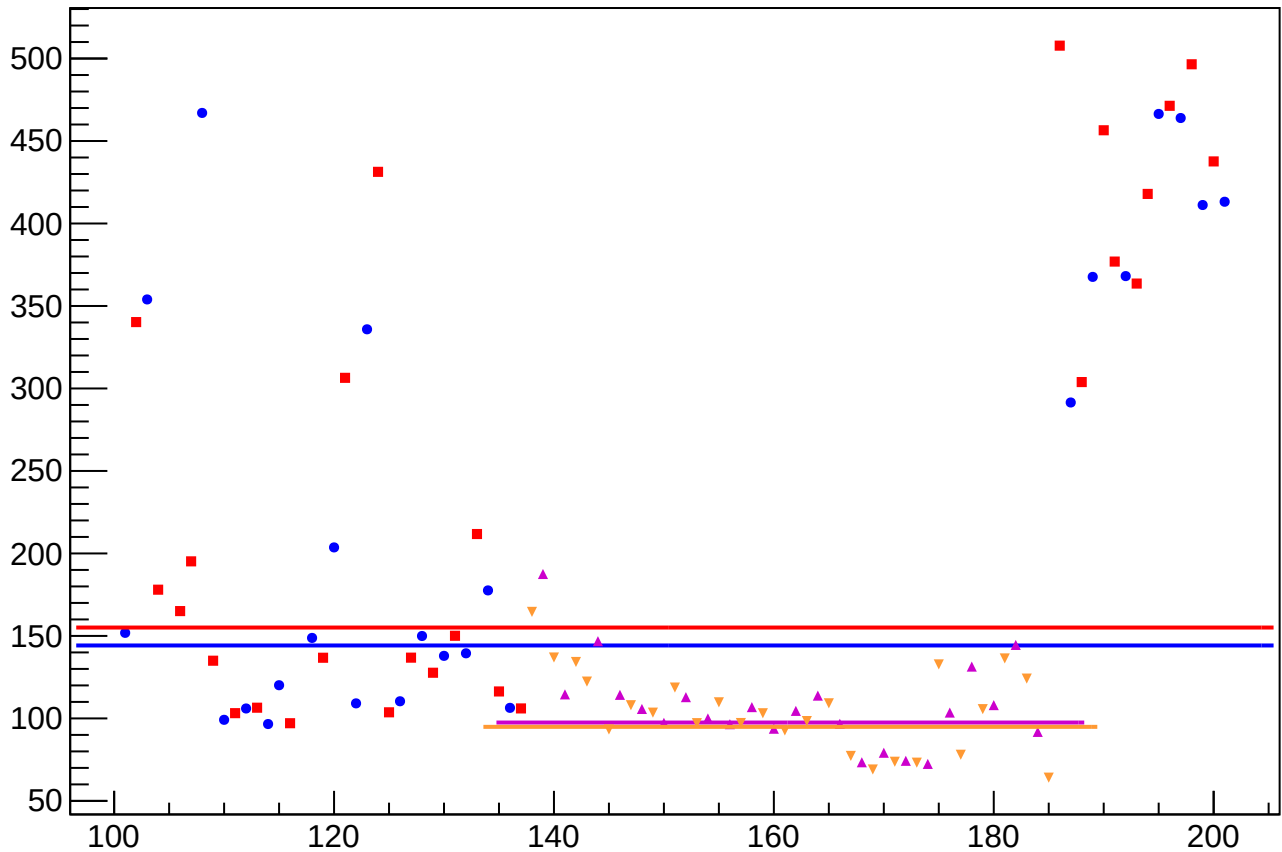
Left In: -82.630 ± 24.154 χ^2/NDF : 28.6/22

+ sign 48.560 ± 20.939 χ^2/NDF : 53.7/48

All: -10.886 ± 15.103 χ^2/NDF : 129.0/98

- sign -75.351 ± 21.805 χ^2/NDF : 58.5/49

dit_asym_sam3_rms vs Slug



Right In: 144.213 $\pm$ 0.036 χ^2 /NDF: 5162723.3/23

Left Out: 94.886 $\pm$ 0.016 χ^2 /NDF:1796861.0/24

Right Out: 155.083 $\pm$ 0.036 χ^2 /NDF: 6217856.8/26

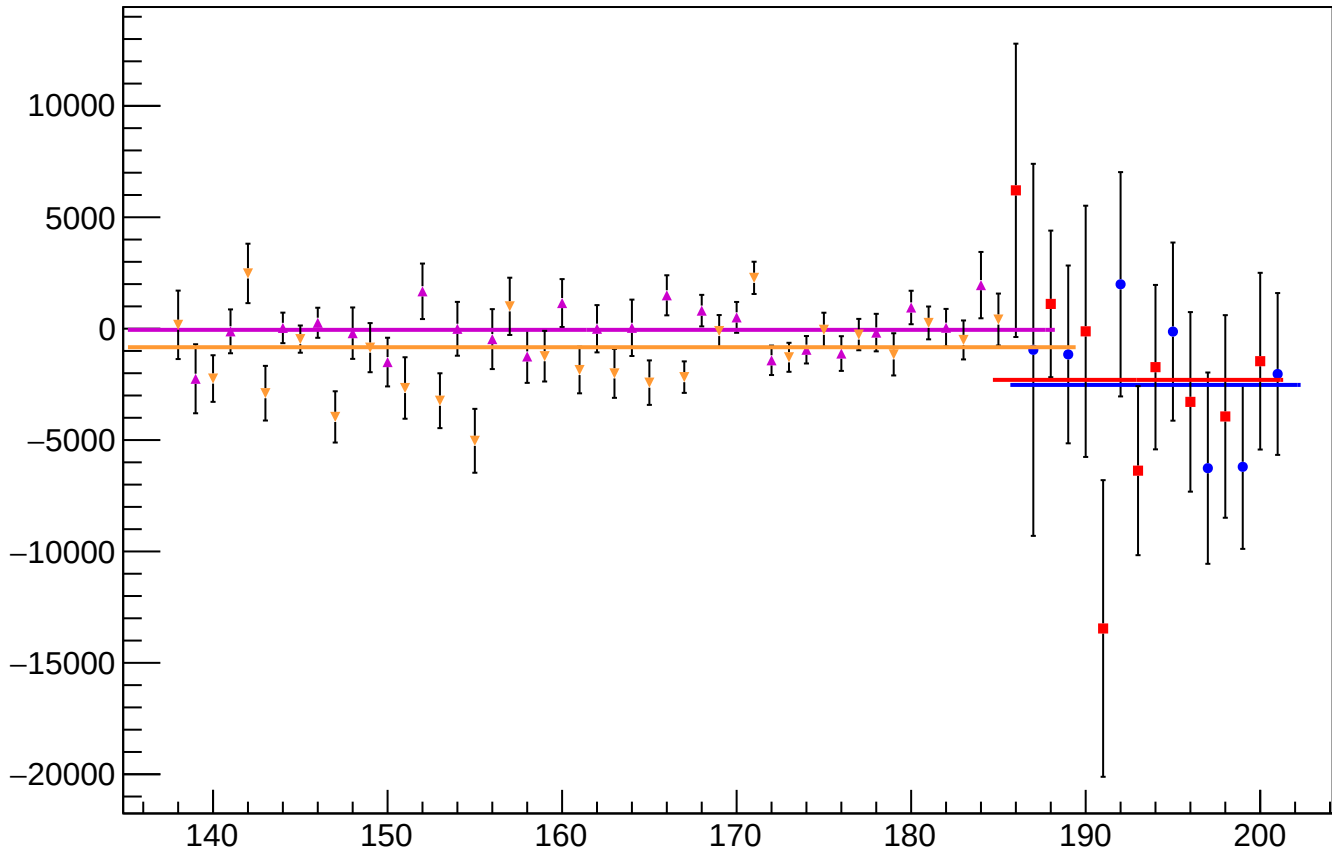
Left In: 97.499 $\pm$ 0.017 χ^2 /NDF:1561333.1/22

+ sign 103.457 $\pm$ 0.015 χ^2 /NDF: 8552998.5/48

All: 105.710 $\pm$ 0.011 χ^2 /NDF: 18483722.1/98

- sign 108.153 $\pm$ 0.015 χ^2 /NDF: 9882462.6/49

asym_sam3_correction_mean vs Slug



Right In: -2524.513 ± 1616.056 χ^2/NDF : 3.1/6

Left Out: -832.580 ± 183.960 χ^2/NDF : 68.8/24

Right Out: -2298.733 ± 1434.585 χ^2/NDF : 7.1/8

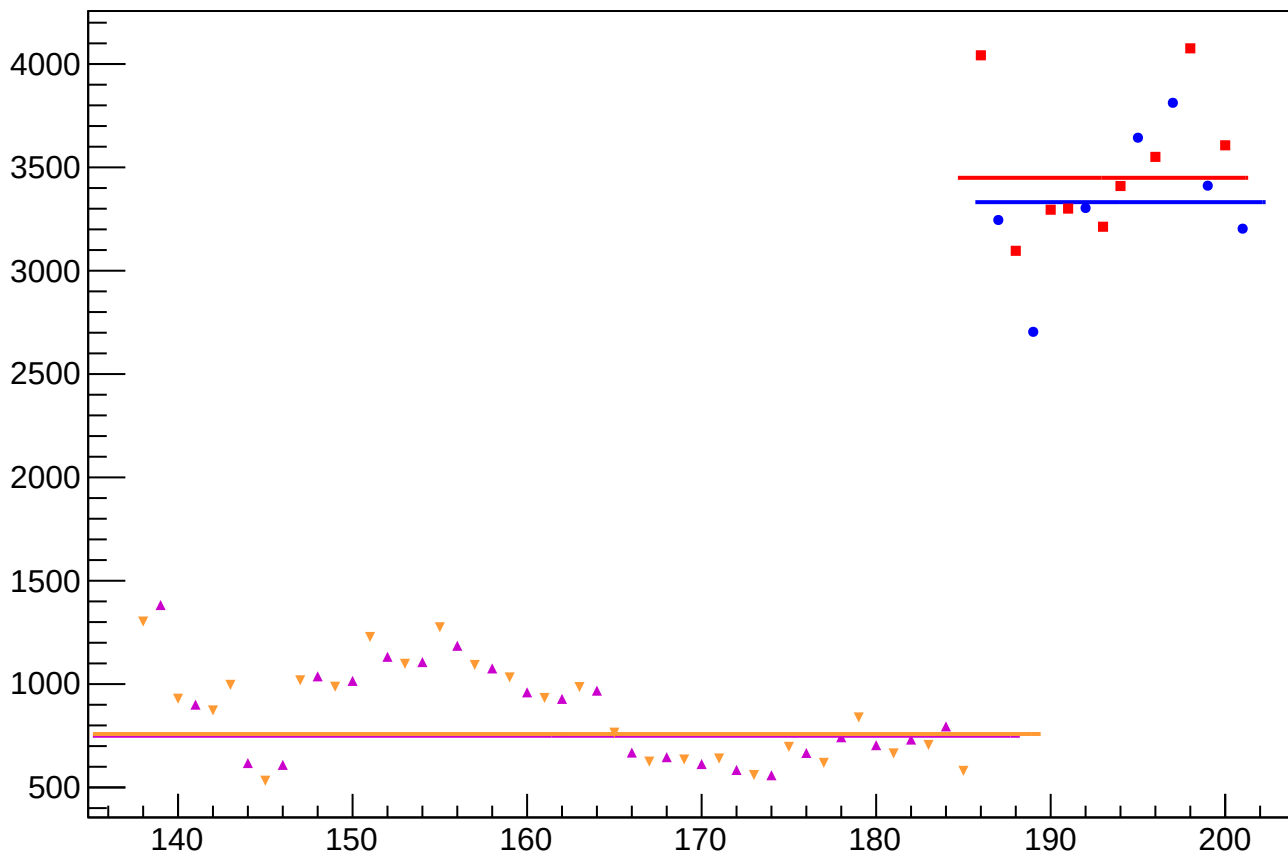
Left In: -53.006 ± 184.870 χ^2/NDF : 25.3/22

+ sign -854.223 ± 182.780 χ^2/NDF : 73.0/31

All: -473.156 ± 129.447 χ^2/NDF : 116.5/63

- sign -89.691 ± 183.354 χ^2/NDF : 34.8/31

asym_sam3_correction_rms vs Slug



Right In: 3331.706+/-1.143 χ^2/NDF : 90378.4/6

Left Out: 758.608+/-0.130 χ^2/NDF : 2453711.9/24

Right Out: 3449.520+/-1.014 χ^2/NDF : 92135.2/8

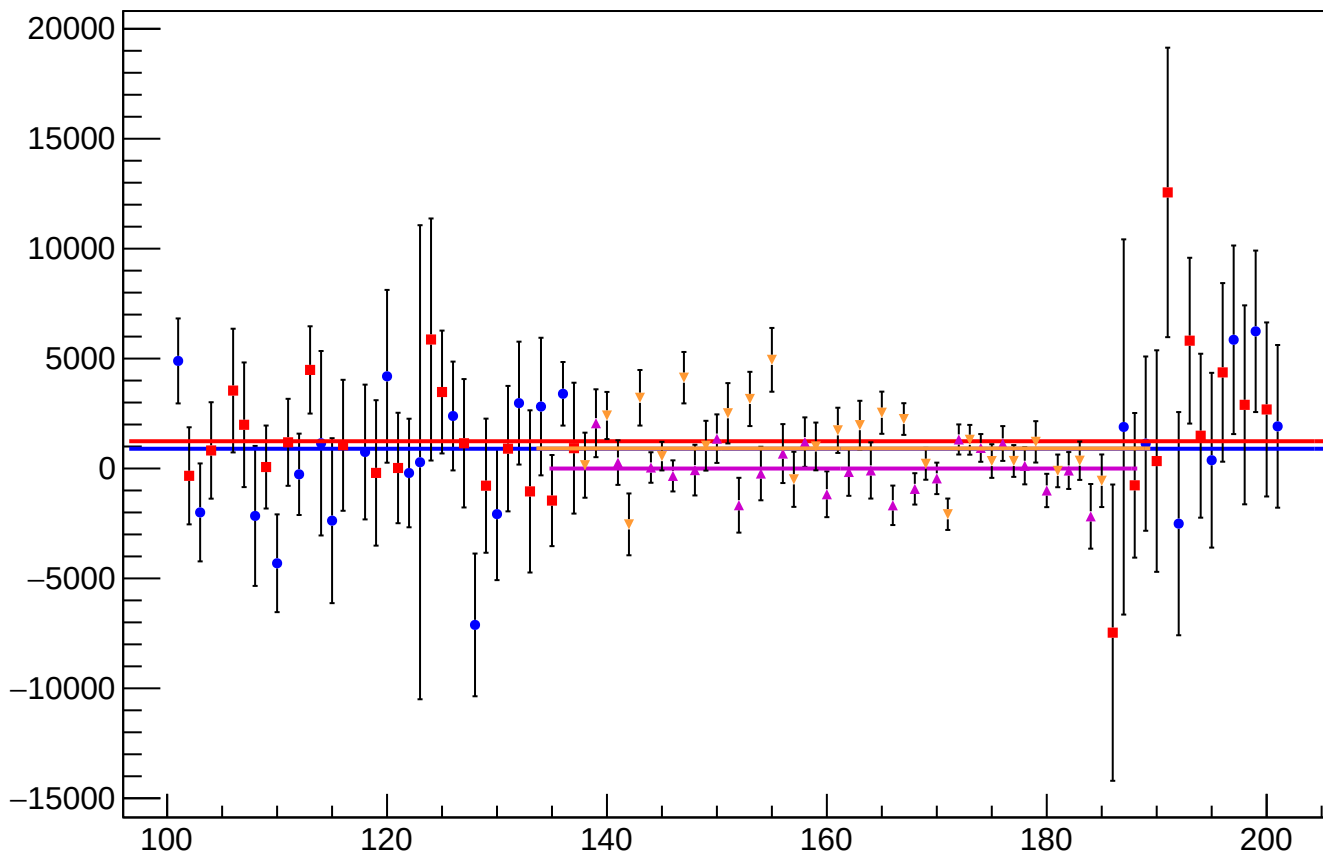
Left In: 749.995+/-0.131 χ^2/NDF : 2186634.5/22

+ sign 791.523+/-0.129 χ^2/NDF : 7549488.8/31

All: 792.804+/-0.092 χ^2/NDF : 16794704.6/63

- sign 794.093+/-0.130 χ^2/NDF : 9245018.7/31

asym_sam3_mean vs Slug



Right In: 897.472 ± 578.099 χ^2/NDF : 29.8/23

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

Right Out: 1239.749 ± 555.865 χ^2/NDF : 16.0/26

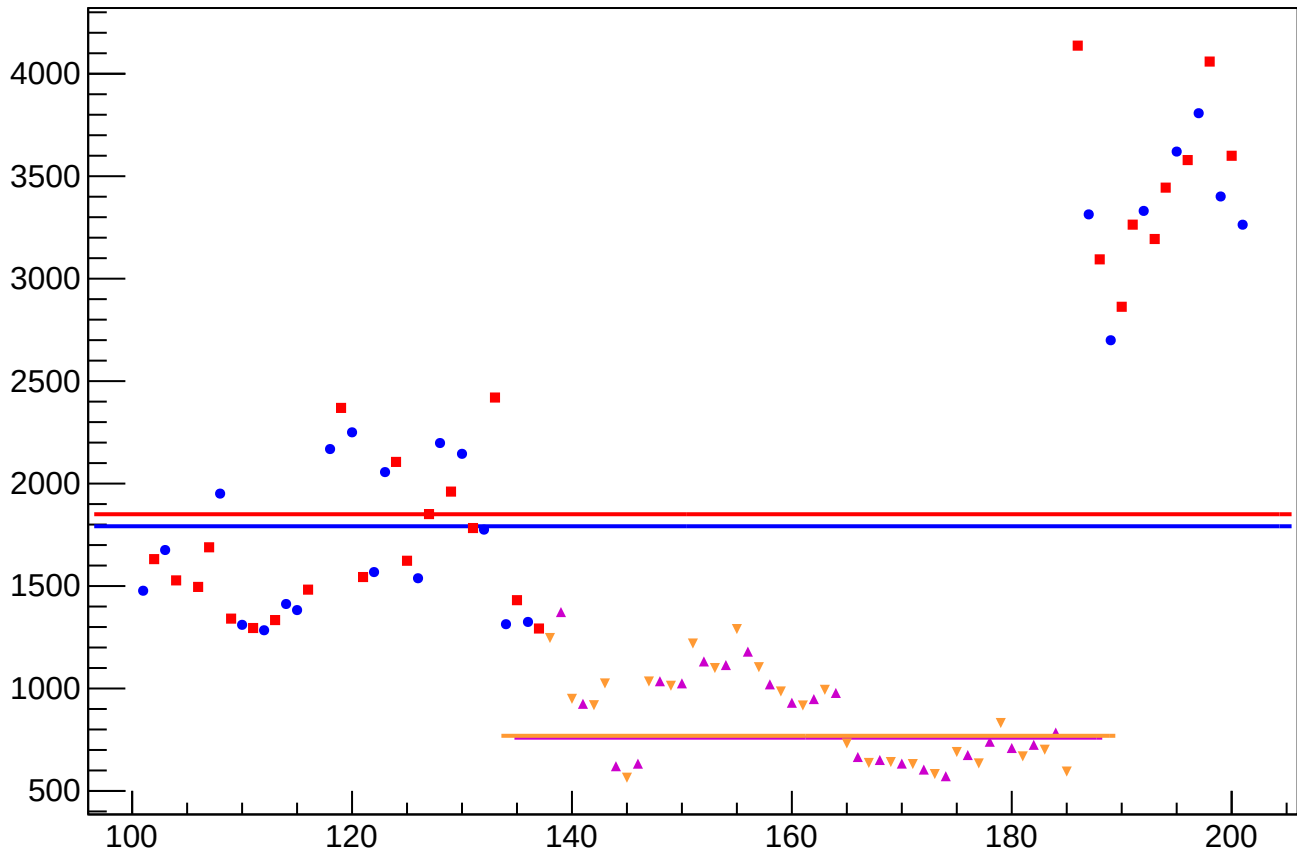
Left In: -2.470 ± 187.271 χ^2/NDF : 25.6/22

+ sign 910.563 ± 177.151 χ^2/NDF : 94.7/48

All: 518.065 ± 125.377 χ^2/NDF : 150.7/98

- sign 124.153 ± 177.470 χ^2/NDF : 46.1/49

asym_sam3_rms vs Slug



Right In: 1791.760 $\pm$ 0.409 χ^2 /NDF: 2675512.9/23

Left Out: 769.207 $\pm$ 0.132 χ^2 /NDF: 2275390.6/24

Right Out: 1850.422 $\pm$ 0.393 χ^2 /NDF: 3408005.0/26

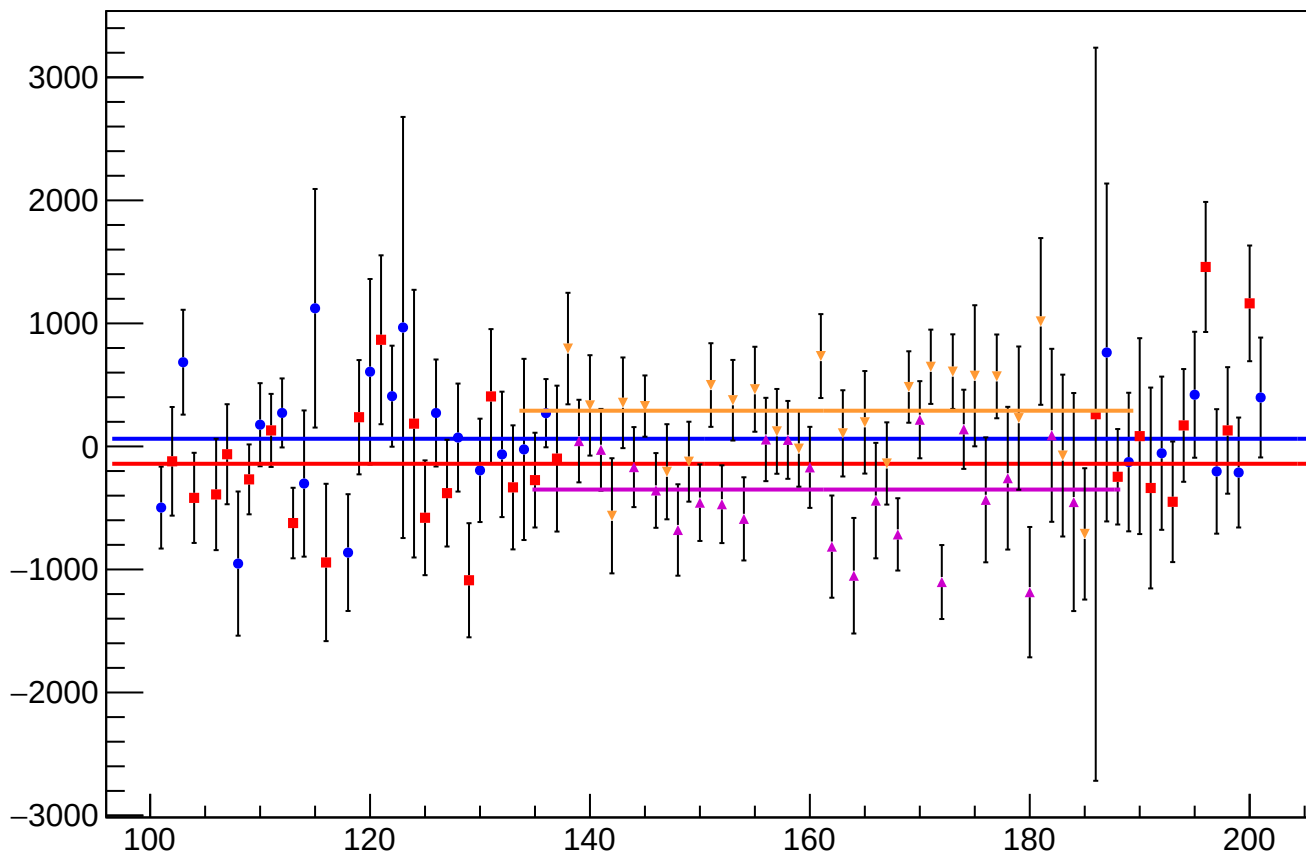
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ sign 865.229 $\pm$ 0.125 χ^2 /NDF: 10620757.5/48

All: 868.155 $\pm$ 0.089 χ^2 /NDF: 22957157.1/98

- sign 871.091 $\pm$ 0.125 χ^2 /NDF: 12335306.6/49

dit_asym_sam4_mean vs Slug



Right In: 62.299 ± 93.934 $\chi^2/\text{NDF}: 18.8/23$

Left Out: 290.293 ± 72.910 $\chi^2/\text{NDF}: 22.3/24$

Right Out: -141.027 ± 87.194 $\chi^2/\text{NDF}: 34.1/26$

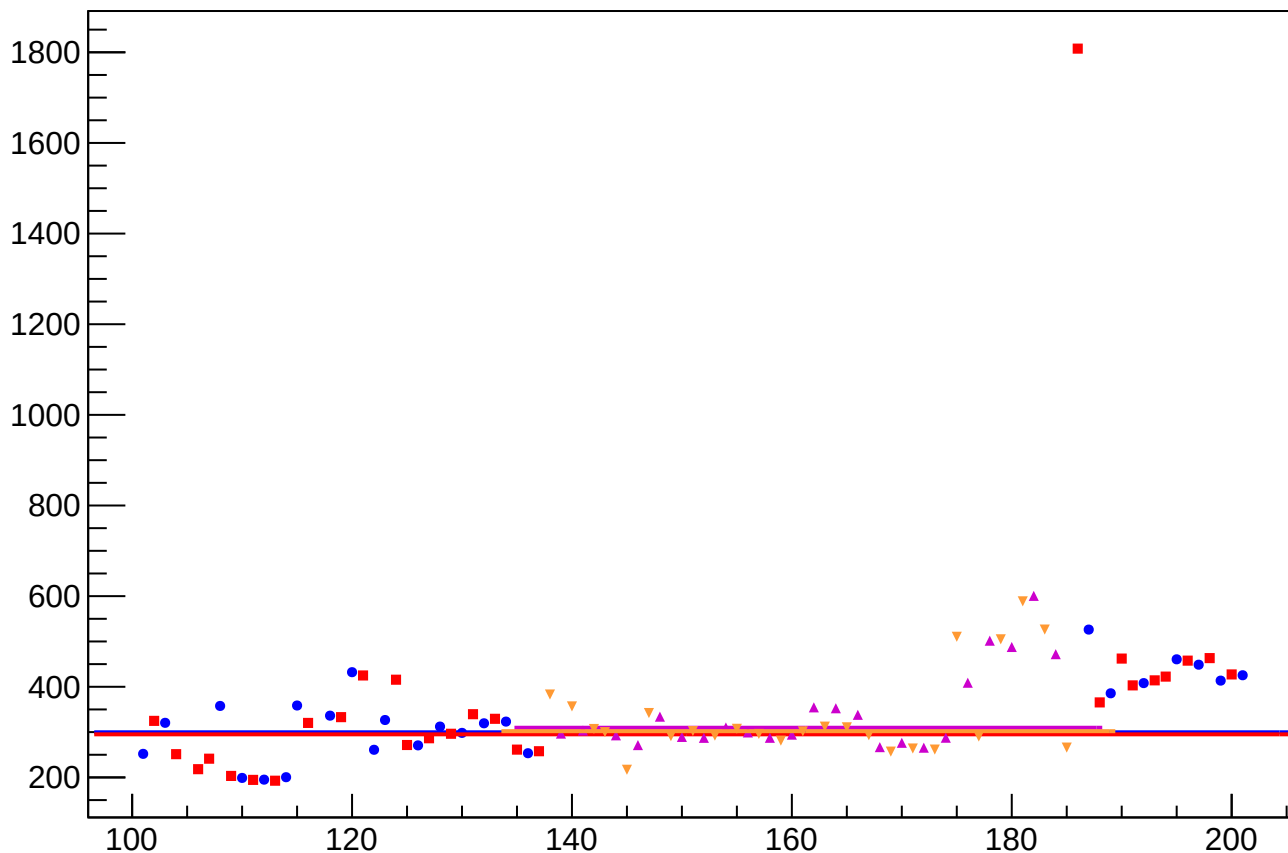
Left In: -350.522 ± 75.911 $\chi^2/\text{NDF}: 27.4/22$

+ sign 204.577 ± 57.596 $\chi^2/\text{NDF}: 44.8/48$

All: -29.197 ± 40.605 $\chi^2/\text{NDF}: 142.3/98$

- sign -260.198 ± 57.254 $\chi^2/\text{NDF}: 64.8/49$

dit_asym_sam4_rms vs Slug



Right In: 299.581+/-0.066 χ^2/NDF : 1544011.5/23

Left Out: 302.040+/-0.052 χ^2/NDF :1597233.8/24

Right Out: 295.089+/-0.062 χ^2/NDF : 2526239.9/26

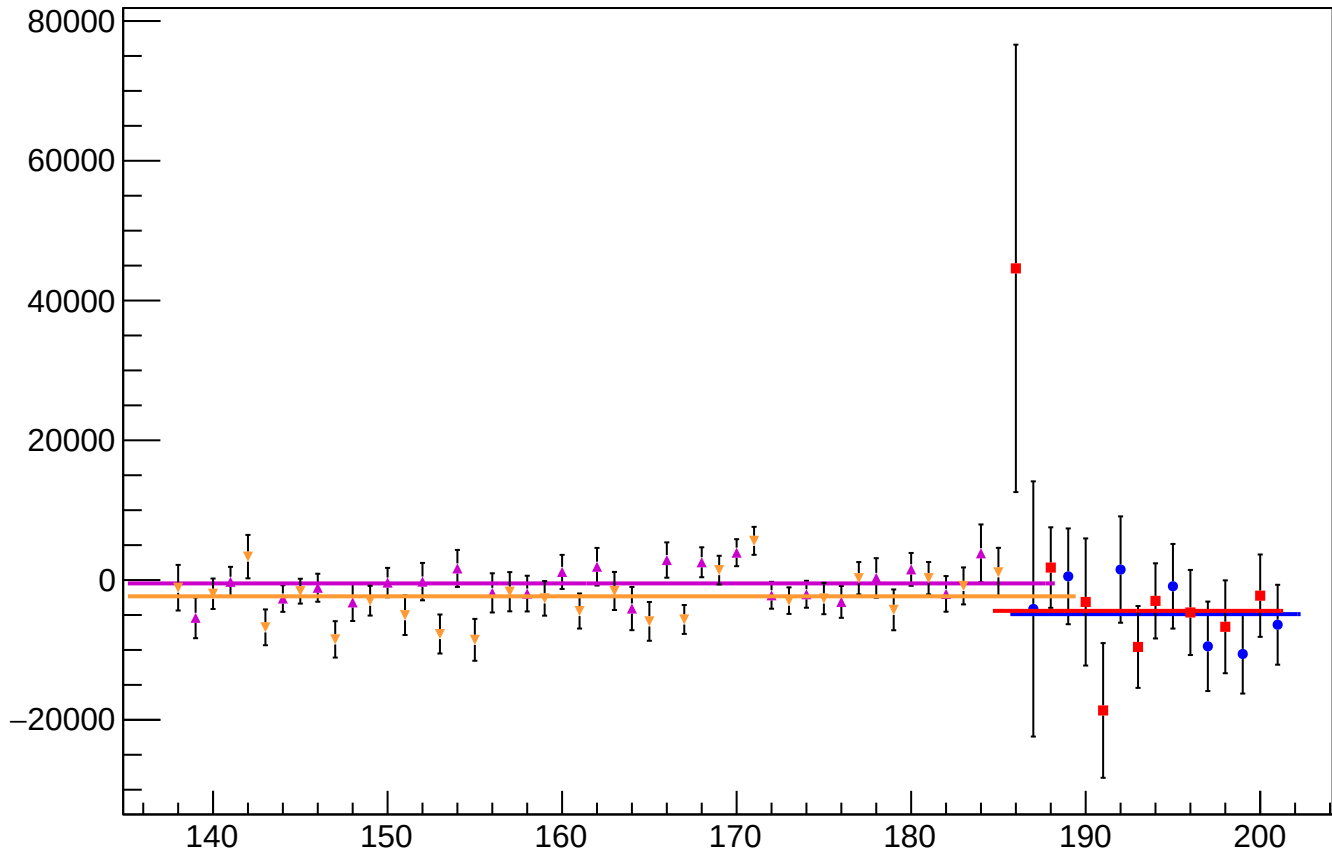
Left In: 309.609+/-0.054 χ^2/NDF :1180280.8/22

+ sign 301.116+/-0.041 χ^2/NDF : 3142100.8/48

All: 302.239+/-0.029 χ^2/NDF : 6881682.5/98

- sign 303.349+/-0.040 χ^2/NDF : 3738069.2/49

asym_sam4_correction_mean vs Slug



Right In: -4875.236 $\pm$ 2540.562 χ^2 /NDF: 3.4/6

Left Out: -2325.488 $\pm$ 486.043 χ^2 /NDF: 49.8/24

Right Out: -4407.566 $\pm$ 2258.365 χ^2 /NDF: 6.8/8

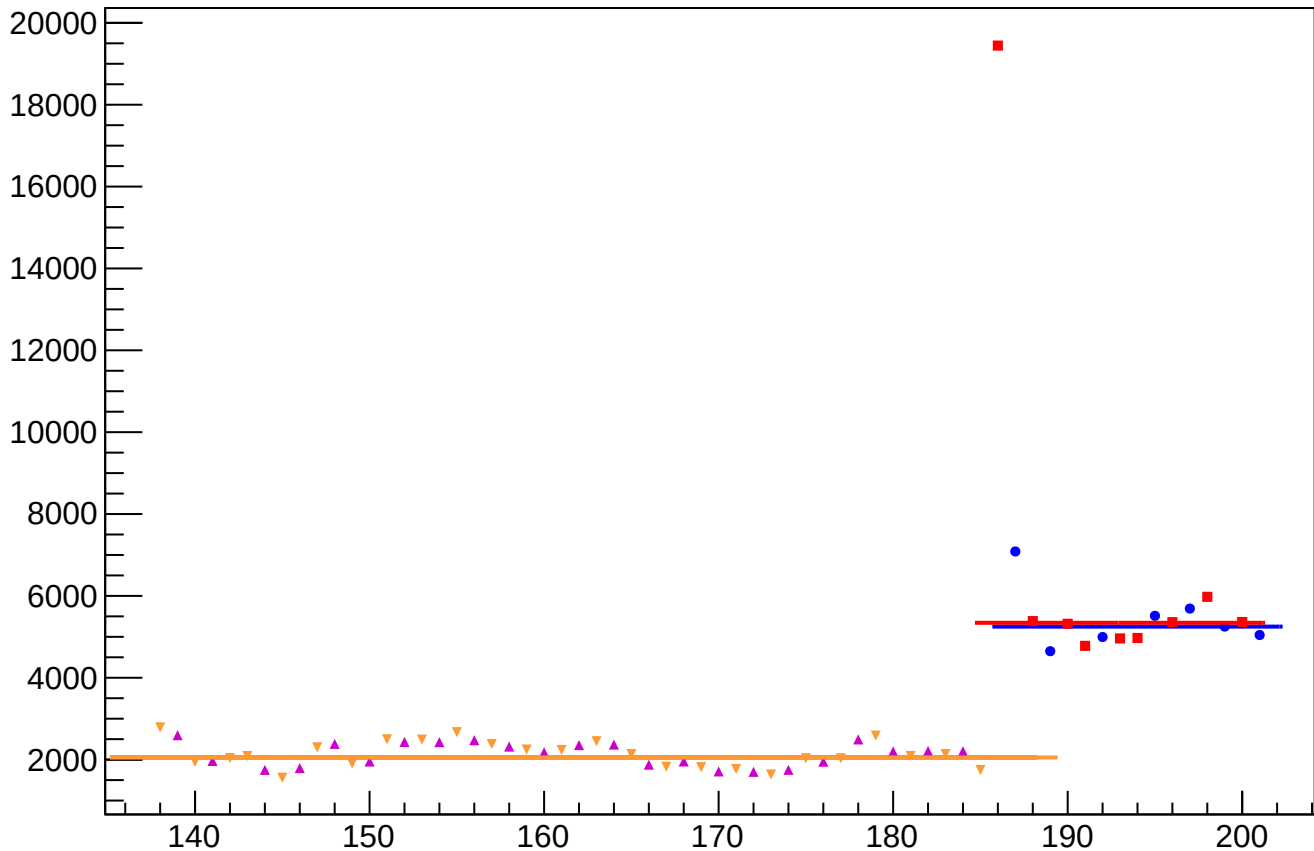
Left In: -477.779 $\pm$ 494.228 χ^2 /NDF: 23.1/22

+ sign -2415.515 $\pm$ 477.385 χ^2 /NDF: 54.2/31

All: -1546.368 $\pm$ 339.461 χ^2 /NDF: 93.6/63

- sign -657.384 $\pm$ 482.802 χ^2 /NDF: 32.8/31

asym_sam4_correction_rms vs Slug



Right In: 5249.657+/-1.796 χ^2/NDF : 53651.7/6

Left Out: 2052.401+/-0.344 χ^2/NDF : 838023.2/24

Right Out: 5343.273+/-1.597 χ^2/NDF : 431313.3/8

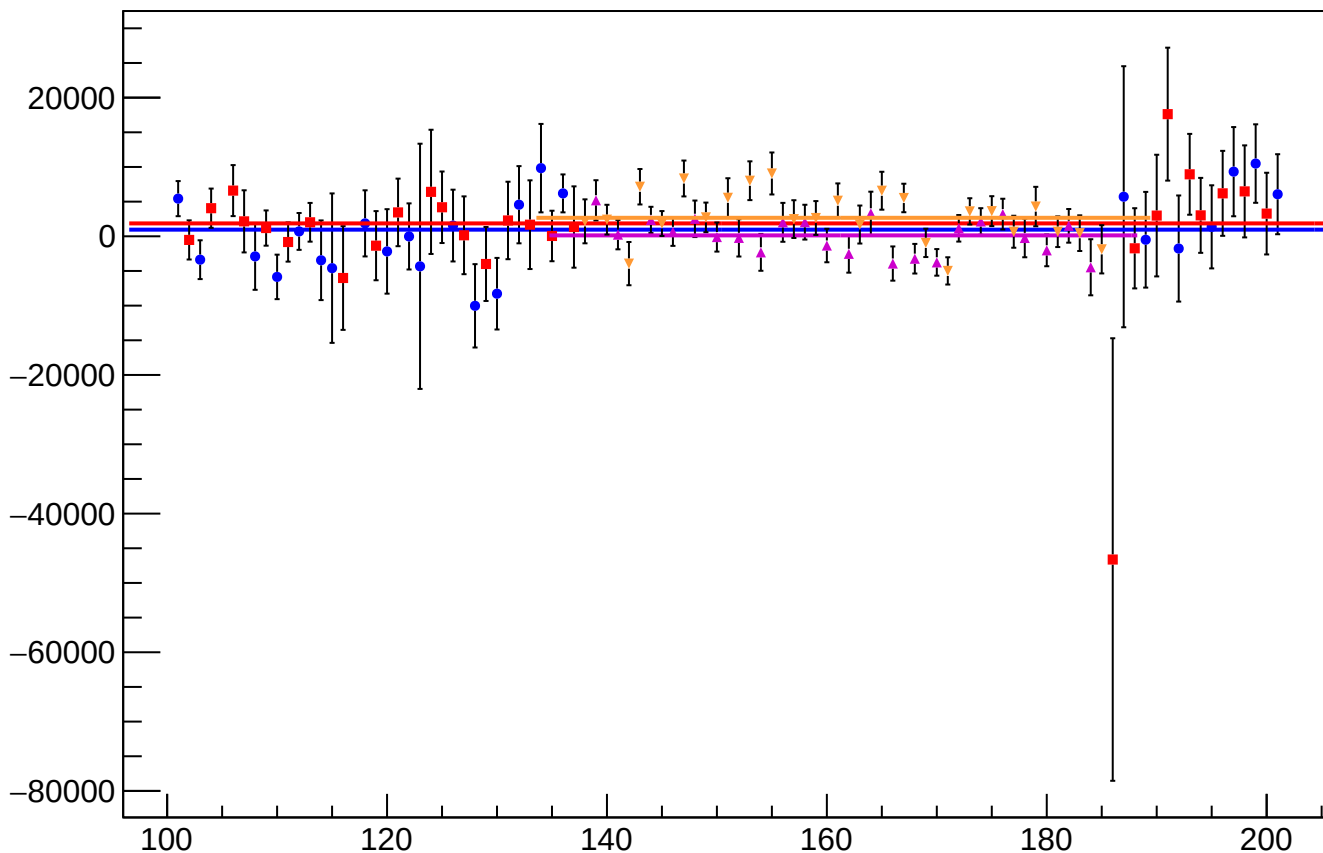
Left In: 2052.384+/-0.349 χ^2/NDF : 653872.2/22

+ sign 2165.291+/-0.338 χ^2/NDF : 3947395.8/31

All: 2183.828+/-0.240 χ^2/NDF : 9091448.2/63

- sign 2202.789+/-0.341 χ^2/NDF : 5137952.0/31

asym_sam4_mean vs Slug



Right In: 958.089 ± 924.767 χ^2/NDF : 30.1/23

Left Out: 2667.050 ± 480.963 χ^2/NDF : 50.0/24

Right Out: 1859.204 ± 858.656 χ^2/NDF : 15.6/26

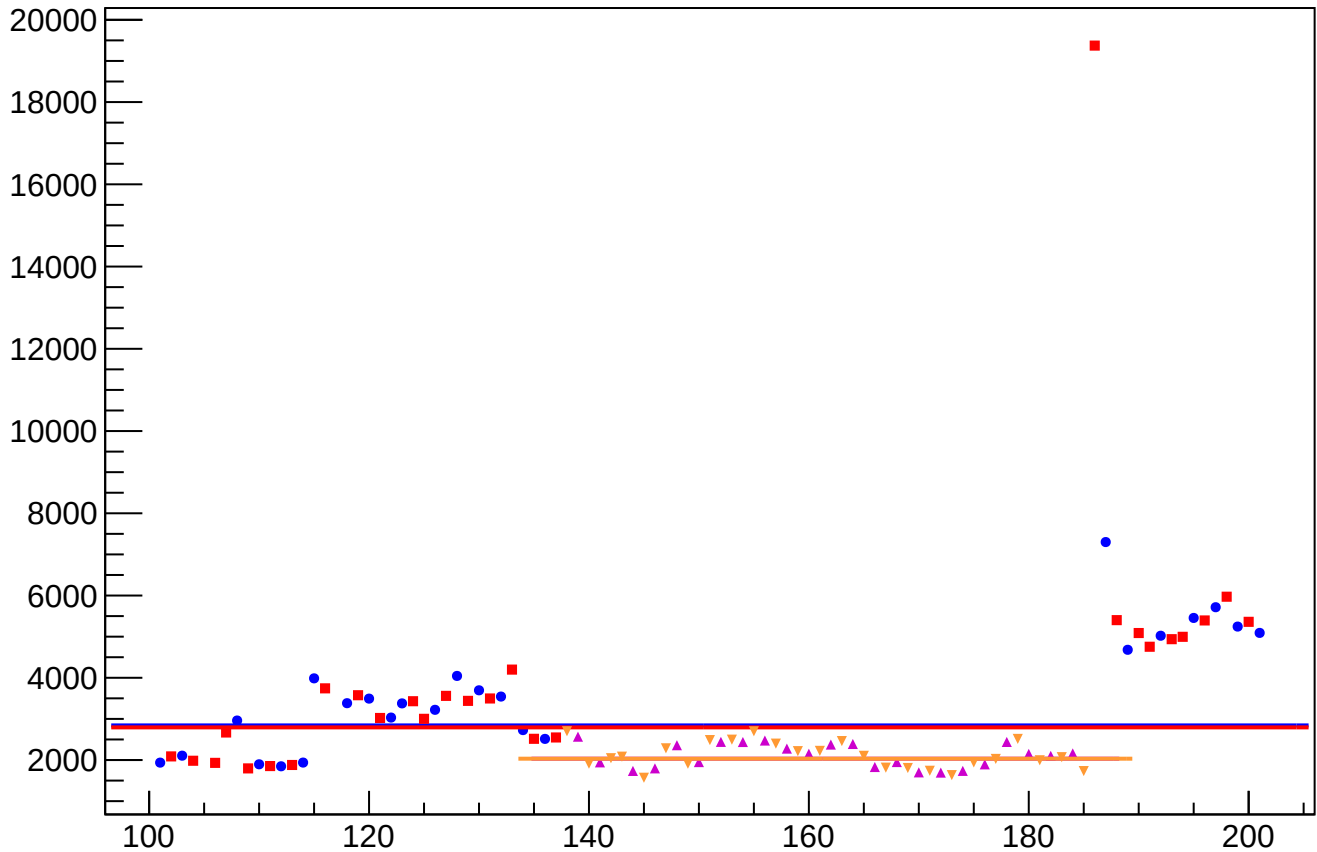
Left In: 132.307 ± 489.752 χ^2/NDF : 24.7/22

+ sign 2303.204 ± 426.703 χ^2/NDF : 82.8/48

All: 1427.069 ± 301.269 χ^2/NDF : 134.5/98

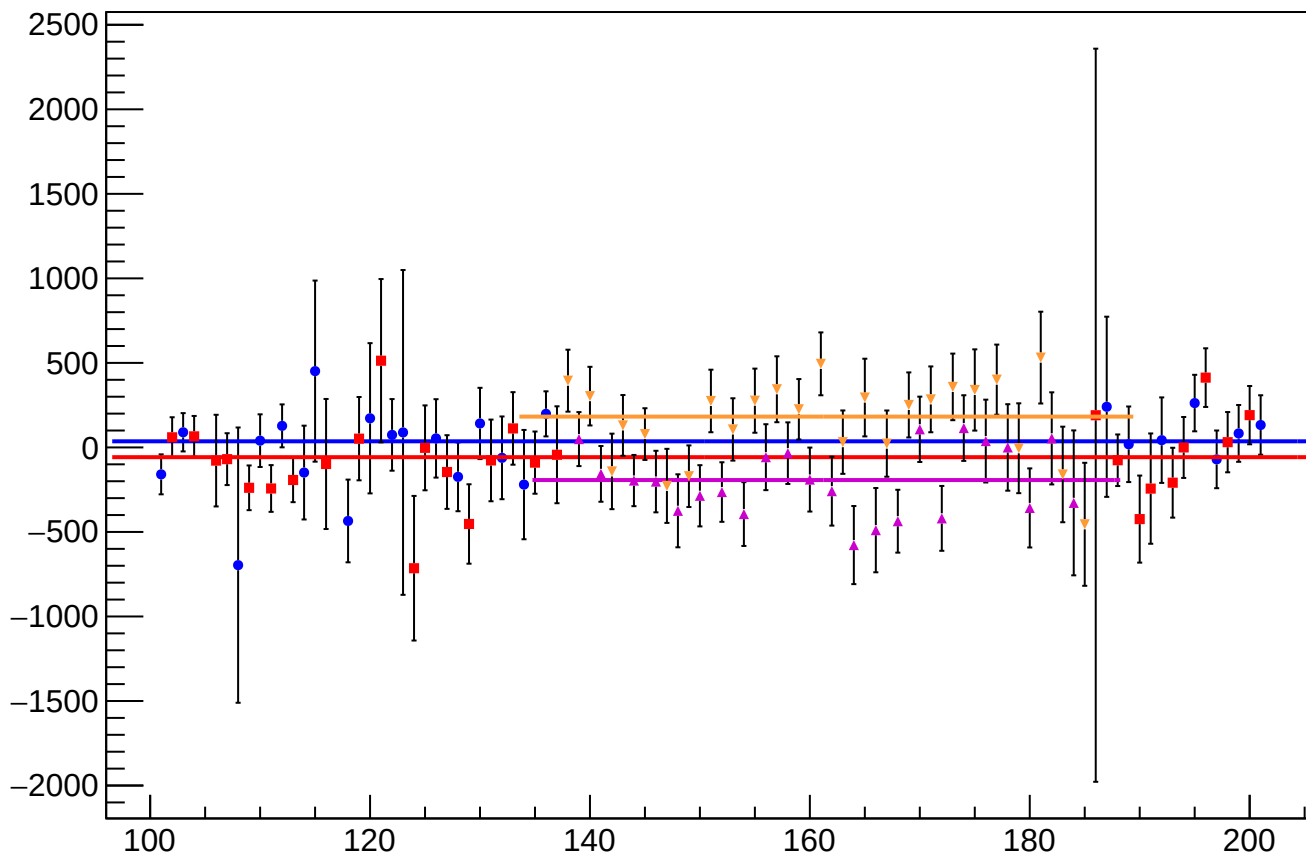
- sign 556.202 ± 425.418 χ^2/NDF : 43.3/49

asym_sam4_rms vs Slug



Right In: 2841.937 $\pm$ 0.654 χ^2/NDF : 3040816.5/23
 Left Out: 2032.502 $\pm$ 0.340 χ^2/NDF : 824418.6/24
 Right Out: 2793.770 $\pm$ 0.607 χ^2/NDF : 4420459.3/26
 Left In: 2031.692 $\pm$ 0.346 χ^2/NDF : 653382.0/22
 + sign 2204.835 $\pm$ 0.302 χ^2/NDF : 5071260.4/48
 All: 2211.817 $\pm$ 0.213 χ^2/NDF : 11334859.7/9
 - sign 2218.757 $\pm$ 0.301 χ^2/NDF : 6262531.6/49

dit_asym_sam5_mean vs Slug



Right In: 36.195 ± 39.506 χ^2/NDF : 15.5/23

Left Out: 182.238 ± 40.102 χ^2/NDF : 26.9/24

Right Out: -57.645 ± 36.454 χ^2/NDF : 27.1/26

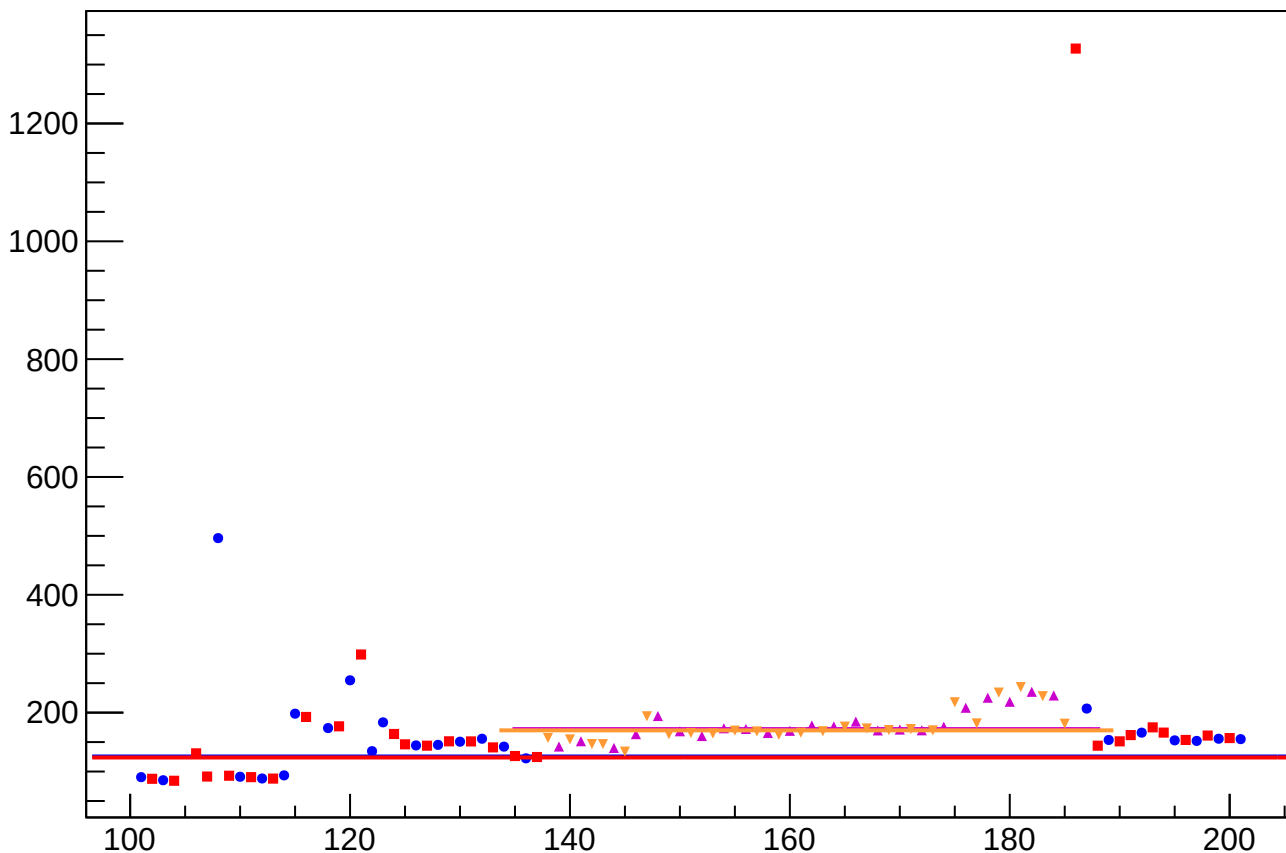
Left In: -193.004 ± 41.384 χ^2/NDF : 21.1/22

+ sign 108.123 ± 28.143 χ^2/NDF : 49.2/48

All: -7.525 ± 19.616 χ^2/NDF : 136.2/98

- sign -116.784 ± 27.355 χ^2/NDF : 54.2/49

dit_asym_sam5_rms vs Slug



Right In: 125.555 $\pm$ 0.028 χ^2 /NDF: 1884413.9/23

Left Out: 169.906 $\pm$ 0.028 χ^2 /NDF: 663159.2/24

Right Out: 123.830 $\pm$ 0.026 χ^2 /NDF: 2552074.3/26

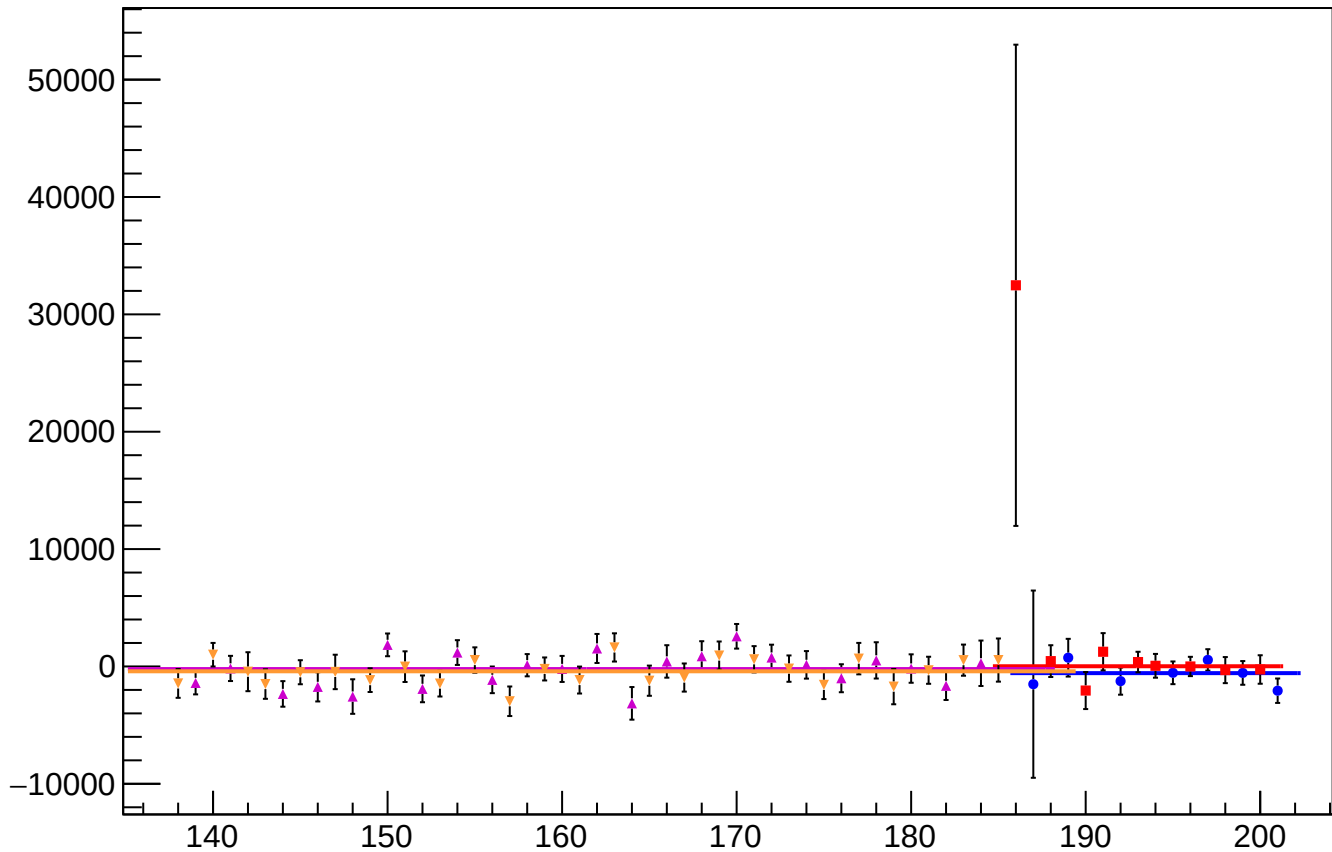
Left In: 172.065 $\pm$ 0.029 χ^2 /NDF: 589733.9/22

+ sign 147.398 $\pm$ 0.020 χ^2 /NDF: 3789049.3/48

All: 146.116 $\pm$ 0.014 χ^2 /NDF: 8468826.4/98

- sign 144.904 $\pm$ 0.019 χ^2 /NDF: 4671702.4/49

asym_sam5_correction_mean vs Slug



Right In: -569.251+/-433.393 χ^2/NDF : 4.6/6

Left Out: -412.804+/-240.278 χ^2/NDF : 19.0/24

Right Out: 16.707+/-389.330 χ^2/NDF : 5.2/8

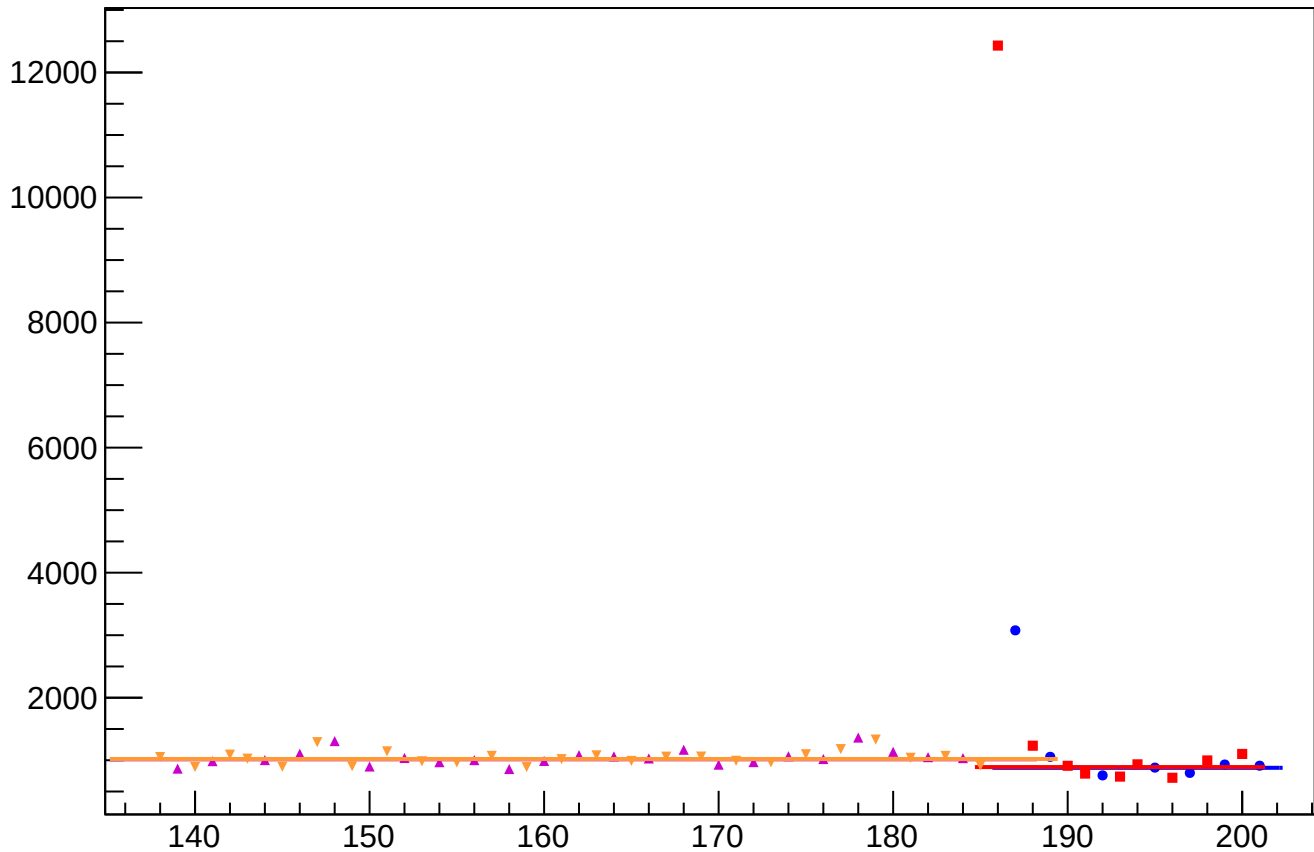
Left In: -223.332+/-243.771 χ^2/NDF : 36.0/22

+ sign -449.586+/-210.143 χ^2/NDF : 23.8/31

All: -300.169+/-147.329 χ^2/NDF : 66.3/63

- sign -155.730+/-206.613 χ^2/NDF : 41.5/31

asym_sam5_correction_rms vs Slug



Right In: 879.084 $\pm$ 0.306 χ^2 /NDF: 221155.5/6

Left Out: 1020.149 $\pm$ 0.170 χ^2 /NDF: 369866.7/24

Right Out: 890.793 $\pm$ 0.275 χ^2 /NDF: 999099.4/8

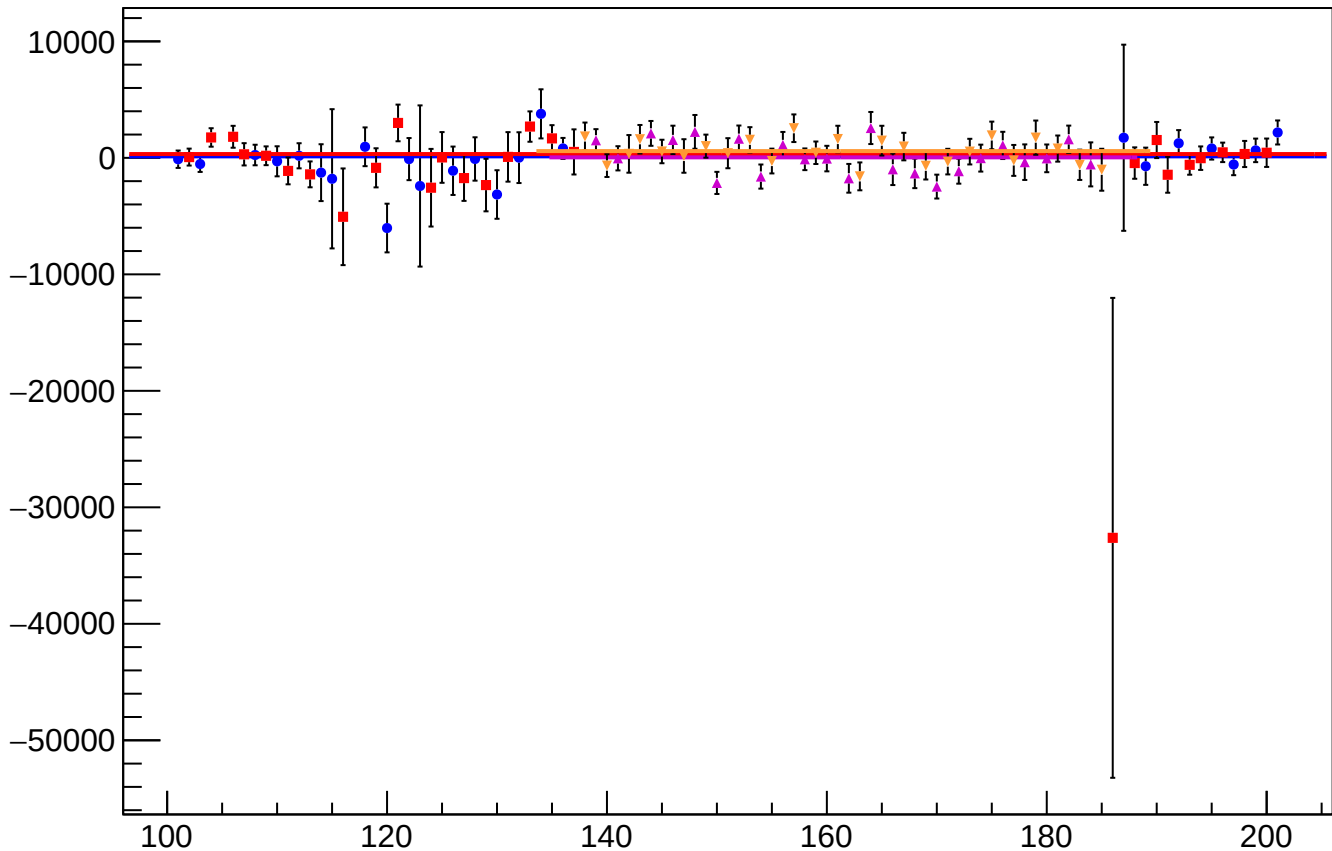
Left In: 1015.000 $\pm$ 0.172 χ^2 /NDF: 404865.5/22

+ sign 986.983 $\pm$ 0.149 χ^2 /NDF: 753093.5/31

All: 983.442 $\pm$ 0.104 χ^2 /NDF: 2304403.9/63

- sign 980.019 $\pm$ 0.146 χ^2 /NDF: 1550193.5/31

asym_sam5_mean vs Slug



Right In: 128.143 ± 252.769 χ^2/NDF : 23.7/23

Left Out: 580.226 ± 235.583 χ^2/NDF : 18.4/24

Right Out: 326.769 ± 230.072 χ^2/NDF : 29.1/26

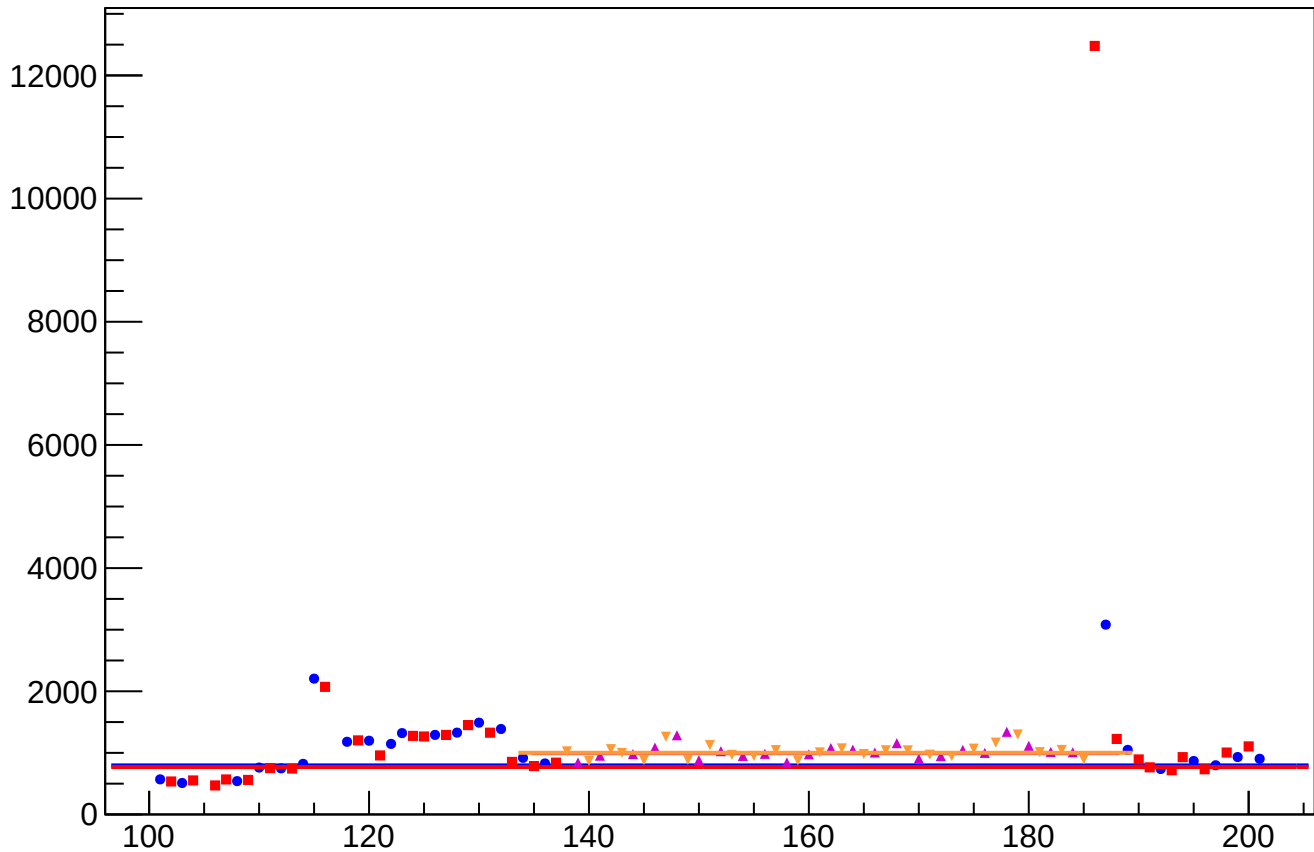
Left In: 42.397 ± 239.278 χ^2/NDF : 37.9/22

+ sign 370.075 ± 172.338 χ^2/NDF : 43.8/48

All: 276.663 ± 119.499 χ^2/NDF : 112.1/98

- sign 190.159 ± 165.845 χ^2/NDF : 67.7/49

asym_sam5_rms vs Slug



Right In: 796.469+/-0.179 χ^2/NDF : 2031390.3/23

Left Out: 1001.233+/-0.167 χ^2/NDF : 370278.3/24

Right Out: 770.045+/-0.163 χ^2/NDF : 2956754.9/26

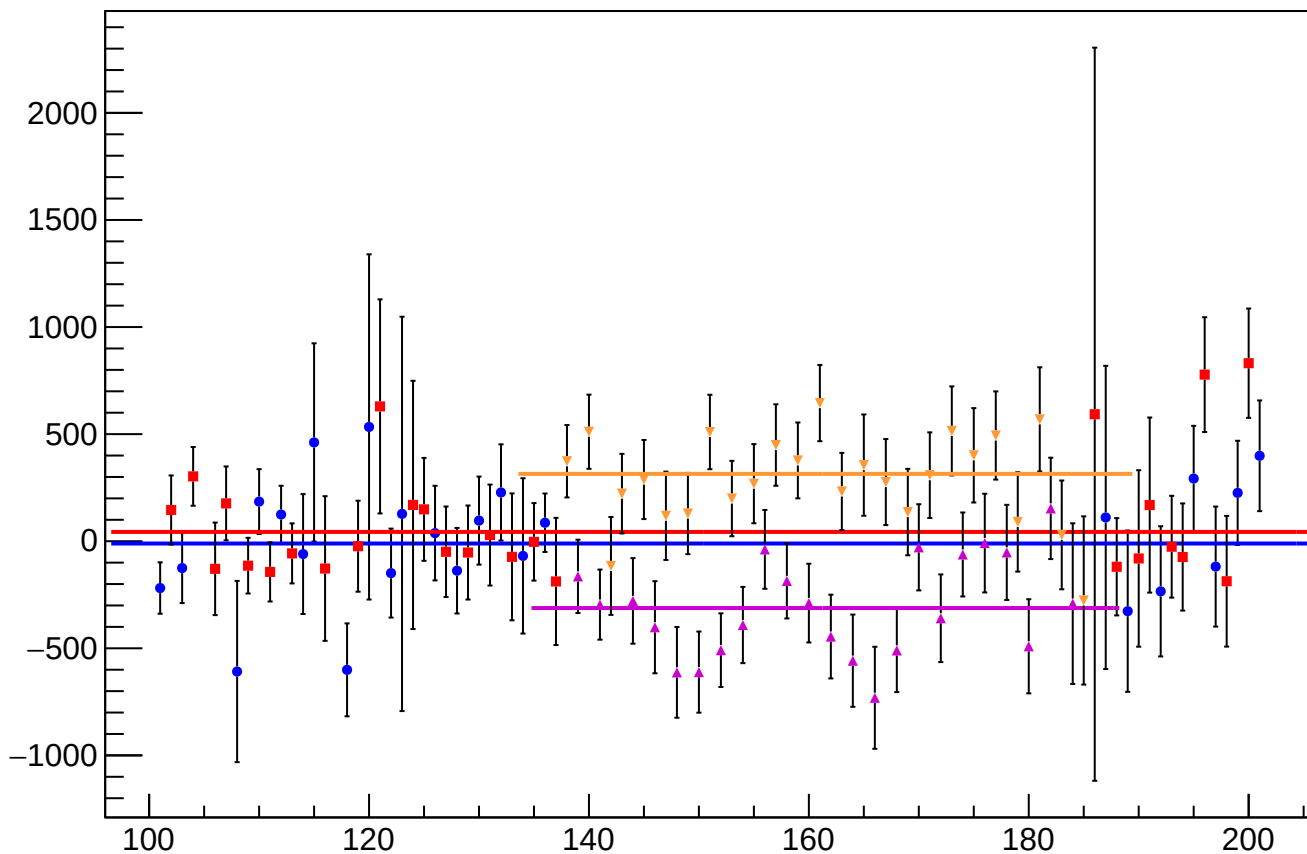
Left In: 995.590+/-0.169 χ^2/NDF : 424434.6/22

+ sign 906.048+/-0.122 χ^2/NDF : 3104029.3/48

All: 891.691+/-0.084 χ^2/NDF : 7435302.3/98

- sign 878.395+/-0.117 χ^2/NDF : 4304537.5/49

dit_asym_sam6_mean vs Slug



Right In: -10.735 ± 44.398 χ^2/NDF : 26.3/23

Left Out: 314.517 ± 39.818 χ^2/NDF : 21.4/24

Right Out: 43.414 ± 41.381 χ^2/NDF : 30.9/26

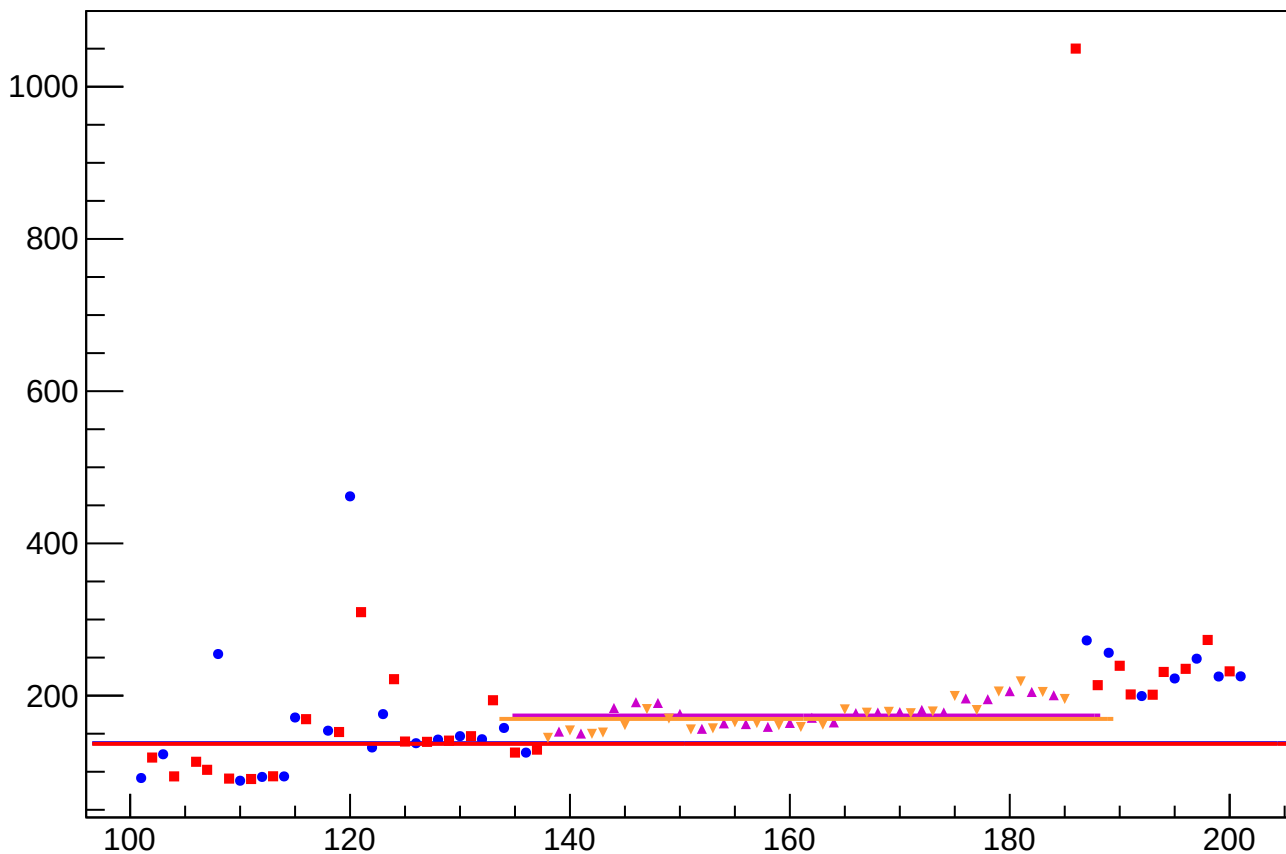
Left In: -312.097 ± 41.646 χ^2/NDF : 26.9/22

+ sign 169.529 ± 29.643 χ^2/NDF : 77.4/48

All: 16.677 ± 20.858 χ^2/NDF : 224.6/98

- sign -133.208 ± 29.354 χ^2/NDF : 94.5/49

dit_asym_sam6_rms vs Slug



Right In: 137.536 $\pm$ 0.031 χ^2 /NDF: 2715602.3/23

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

Right Out: 136.696 $\pm$ 0.029 χ^2 /NDF: 3733167.5/26

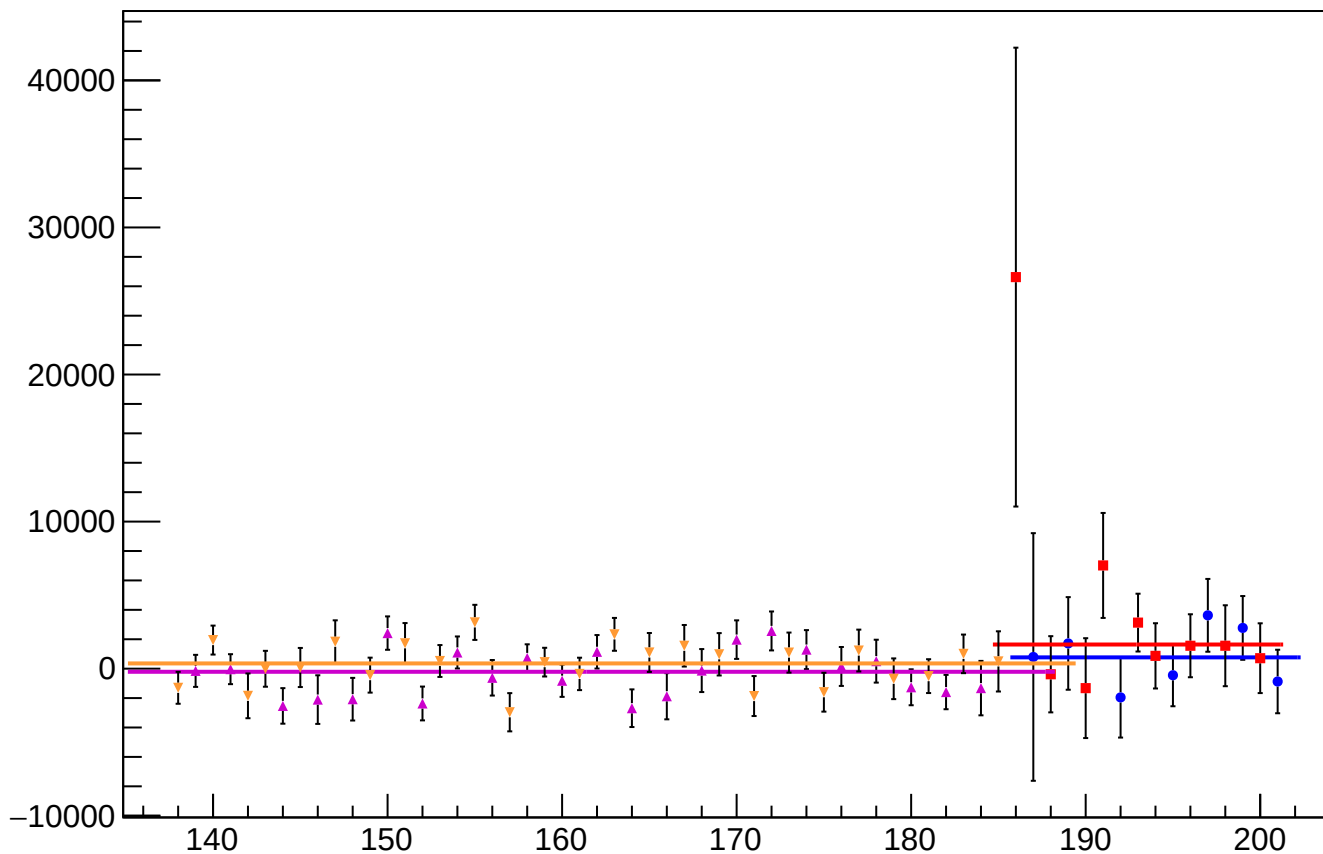
Left In: 173.847 $\pm$ 0.029 χ^2 /NDF:291729.8/22

+ sign 155.214 $\pm$ 0.021 χ^2 /NDF: 3674128.9/48

All: 155.183 $\pm$ 0.015 χ^2 /NDF: 8499881.1/98

- sign 155.153 $\pm$ 0.021 χ^2 /NDF: 4825748.0/49

asym_sam6_correction_mean vs Slug



Right In: 767.809 $\pm$ 969.398 χ^2 /NDF: 4.2/6

Left Out: 356.612 $\pm$ 250.934 χ^2 /NDF: 33.4/24

Right Out: 1642.380 $\pm$ 874.229 χ^2 /NDF: 7.1/8

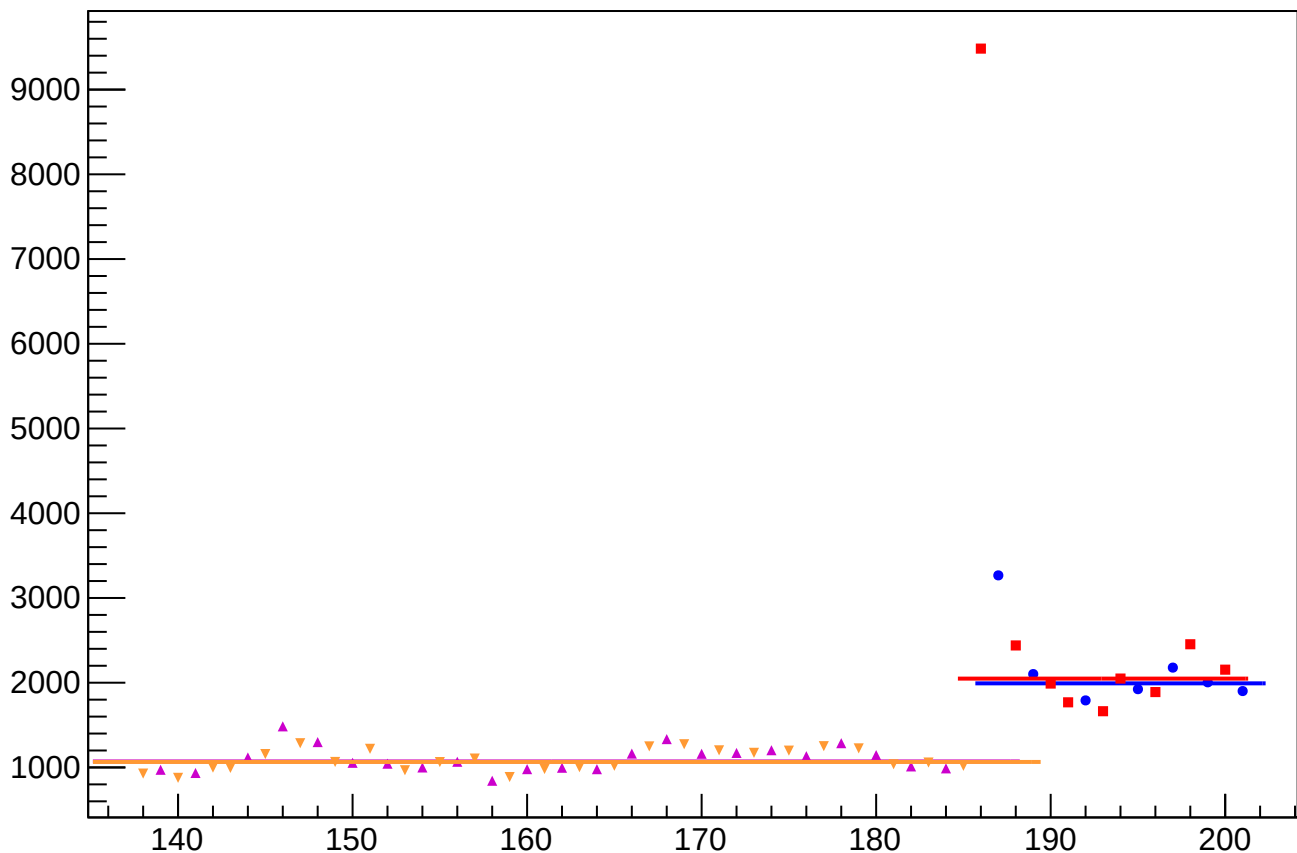
Left In: -212.007 $\pm$ 257.383 χ^2 /NDF: 36.0/22

+ sign 382.434 $\pm$ 242.927 χ^2 /NDF: 37.7/31

All: 162.797 $\pm$ 173.165 χ^2 /NDF: 86.6/63

- sign -64.092 $\pm$ 246.905 χ^2 /NDF: 47.2/31

asym_sam6_correction_rms vs Slug



Right In: 1992.413+/-0.685 χ^2/NDF : 76093.6/6

Left Out: 1064.868+/-0.177 χ^2/NDF : 493614.2/24

Right Out: 2048.303+/-0.618 χ^2/NDF : 647965.7/8

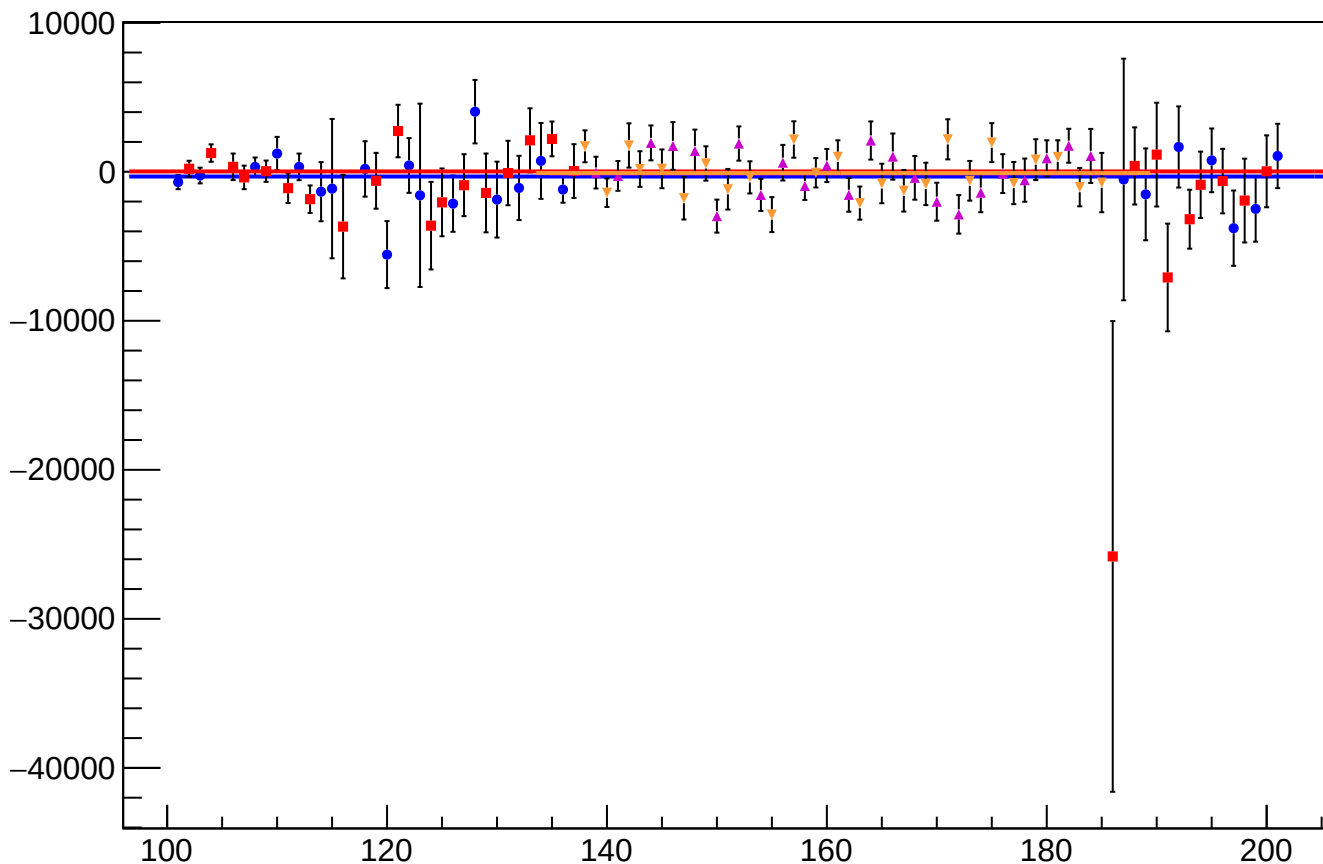
Left In: 1070.694+/-0.182 χ^2/NDF : 570407.8/22

+ sign 1123.117+/-0.172 χ^2/NDF : 2285749.5/31

All: 1135.687+/-0.122 χ^2/NDF : 5816505.3/63

- sign 1148.672+/-0.175 χ^2/NDF : 3519868.9/31

asym_sam6_mean vs Slug



Right In: -320.900+/-242.205 χ^2/NDF : 21.1/23

Left Out: -89.632+/-247.271 χ^2/NDF : 31.0/24

Right Out: 21.372+/-238.517 χ^2/NDF : 31.3/26

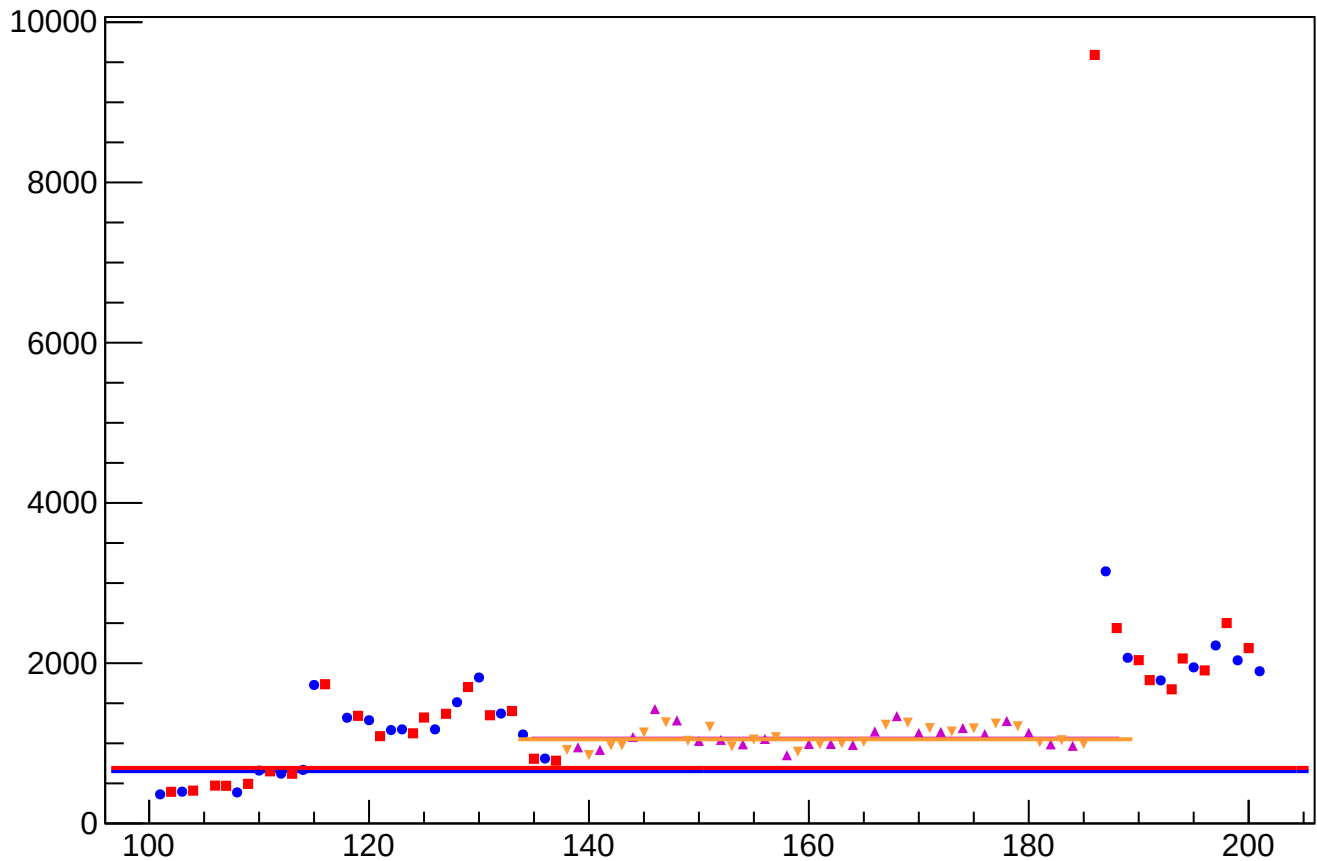
Left In: -110.879+/-254.337 χ^2/NDF : 35.2/22

+ sign -207.659+/-173.028 χ^2/NDF : 52.5/48

All: -124.545+/-122.685 χ^2/NDF : 119.5/98

- sign -40.513+/-173.981 χ^2/NDF : 66.6/49

asym_sam6_rms vs Slug



Right In: 652.894+/-0.171 χ^2/NDF : 7432325.7/23

Left Out: 1050.918+/-0.175 χ^2/NDF : 483477.5/24

Right Out: 693.601+/-0.169 χ^2/NDF : 8694479.9/26

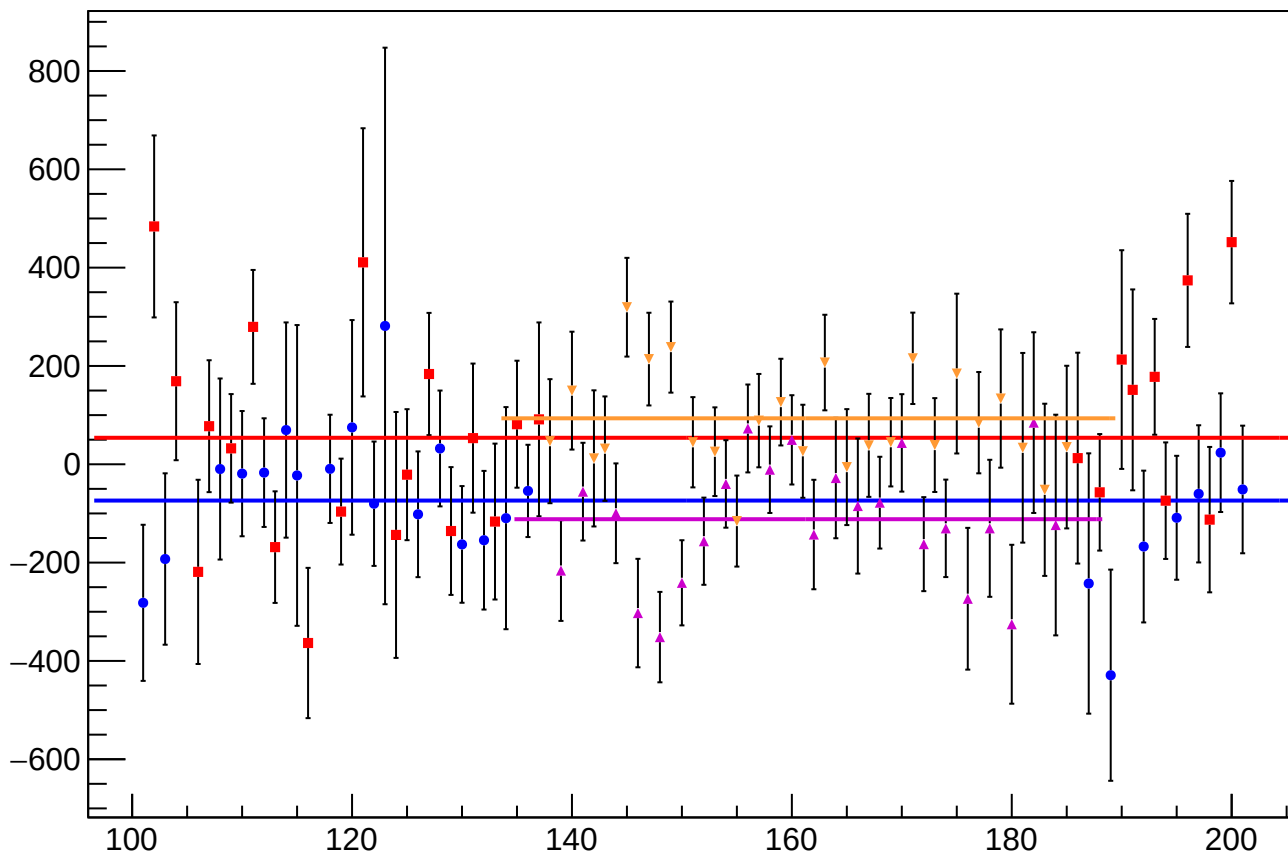
Left In: 1058.154+/-0.180 χ^2/NDF : 532260.0/22

+ sign 847.787+/-0.122 χ^2/NDF : 10560471.0/48

All: 855.942+/-0.087 χ^2/NDF : 21982379.1/98

- sign 864.187+/-0.123 χ^2/NDF : 11412973.3/49

dit_asym_sam7_mean vs Slug



Right In: -73.804 ± 29.436 $\chi^2/\text{NDF}: 10.5/23$

Left Out: 93.496 ± 21.284 $\chi^2/\text{NDF}: 22.8/24$

Right Out: 53.901 ± 27.330 $\chi^2/\text{NDF}: 53.2/26$

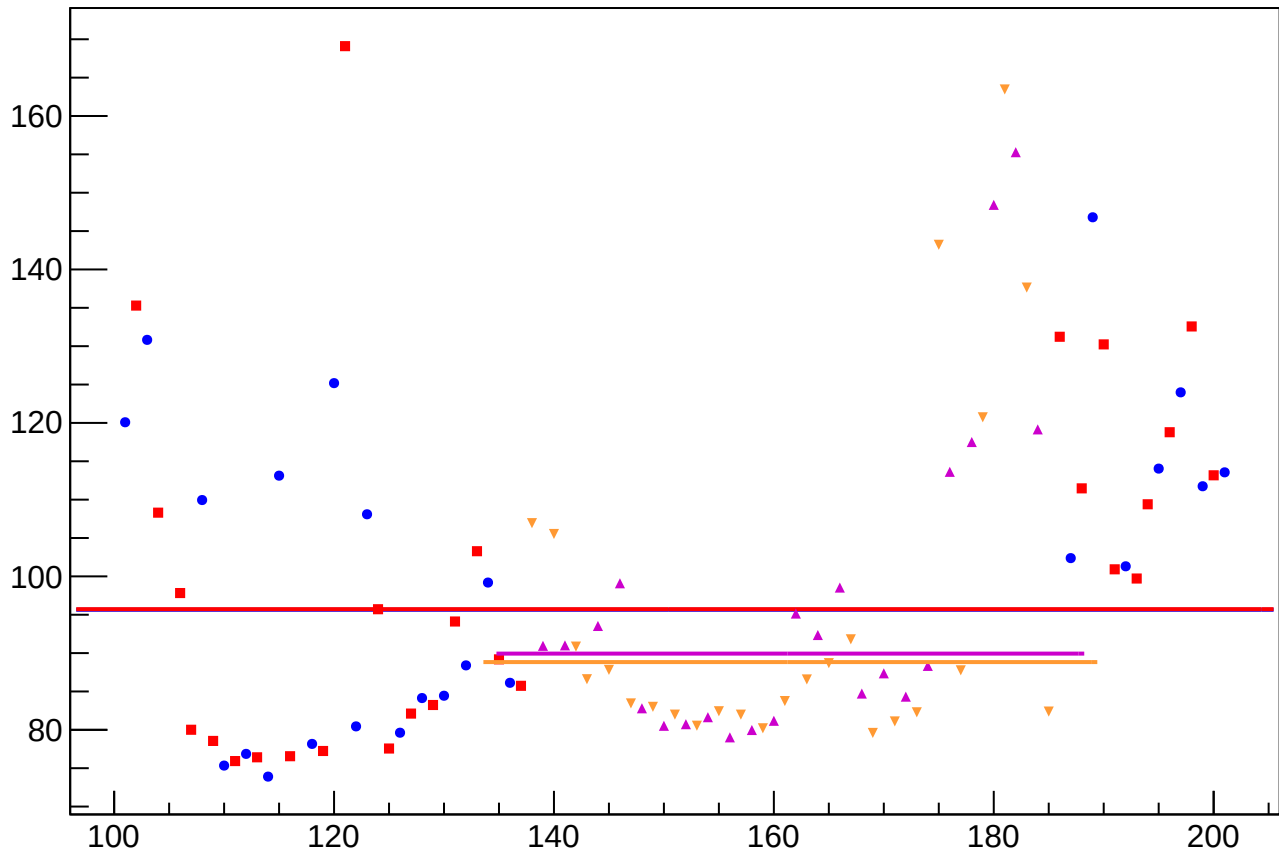
Left In: -111.732 ± 21.971 $\chi^2/\text{NDF}: 30.7/22$

+ sign 36.057 ± 17.248 $\chi^2/\text{NDF}: 54.5/48$

All: -5.625 ± 12.152 $\chi^2/\text{NDF}: 172.3/98$

- sign -46.709 ± 17.124 $\chi^2/\text{NDF}: 106.2/49$

dit_asym_sam7_rms vs Slug



Right In: 95.649 $\pm$ 0.021 χ^2 /NDF: 803477.8/23

Left Out: 88.830 $\pm$ 0.015 χ^2 /NDF: 1000651.2/24

Right Out: 95.726 $\pm$ 0.019 χ^2 /NDF: 1015566.9/26

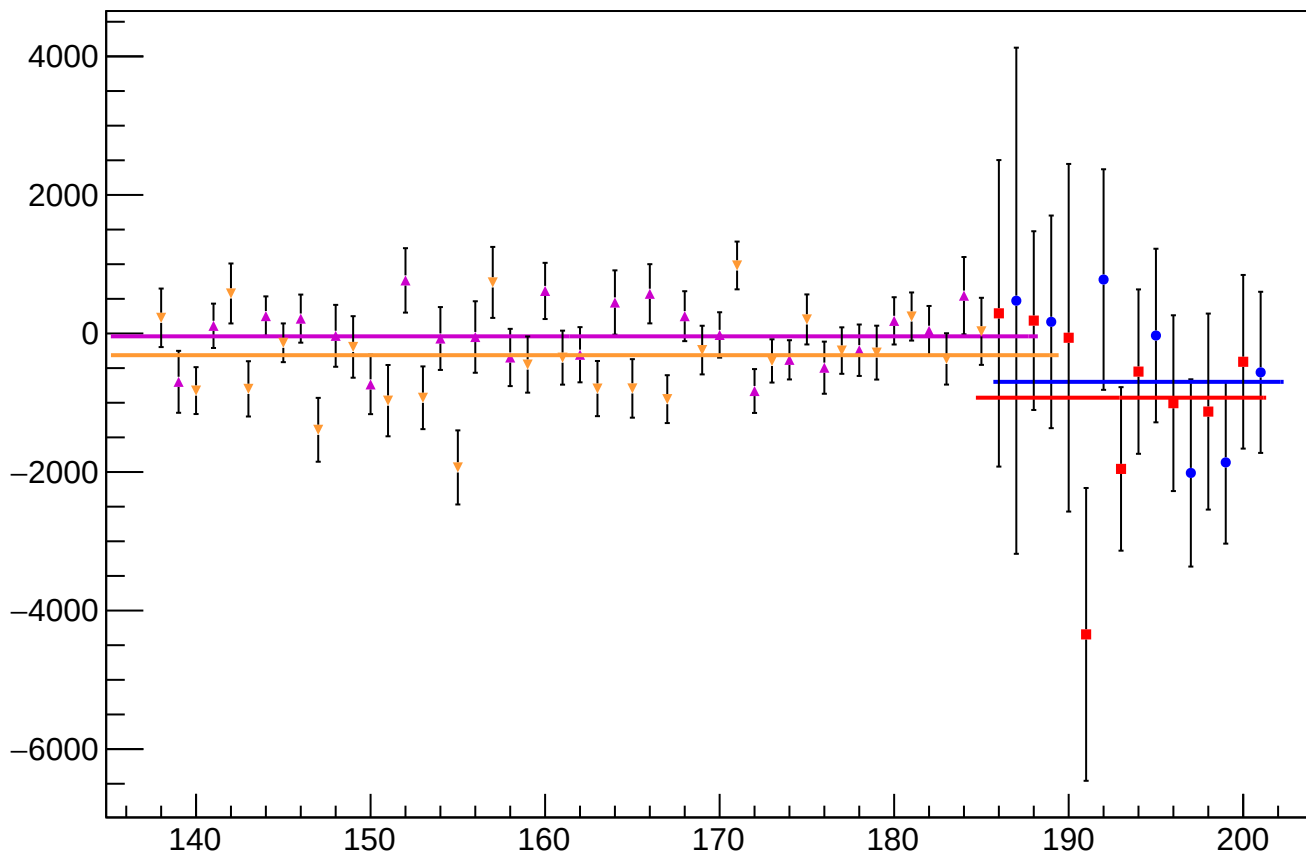
Left In: 89.934 $\pm$ 0.016 χ^2 /NDF: 874129.5/22

+ sign 91.171 $\pm$ 0.012 χ^2 /NDF: 1874622.3/48

All: 91.693 $\pm$ 0.009 χ^2 /NDF: 3822512.1/98

- sign 92.208 $\pm$ 0.012 χ^2 /NDF: 1944252.3/49

asym_sam7_correction_mean vs Slug



Right In: -698.271 ± 531.146 χ^2/NDF : 3.5/6

Left Out: -313.446 ± 77.334 χ^2/NDF : 58.1/24

Right Out: -927.024 ± 478.215 χ^2/NDF : 4.8/8

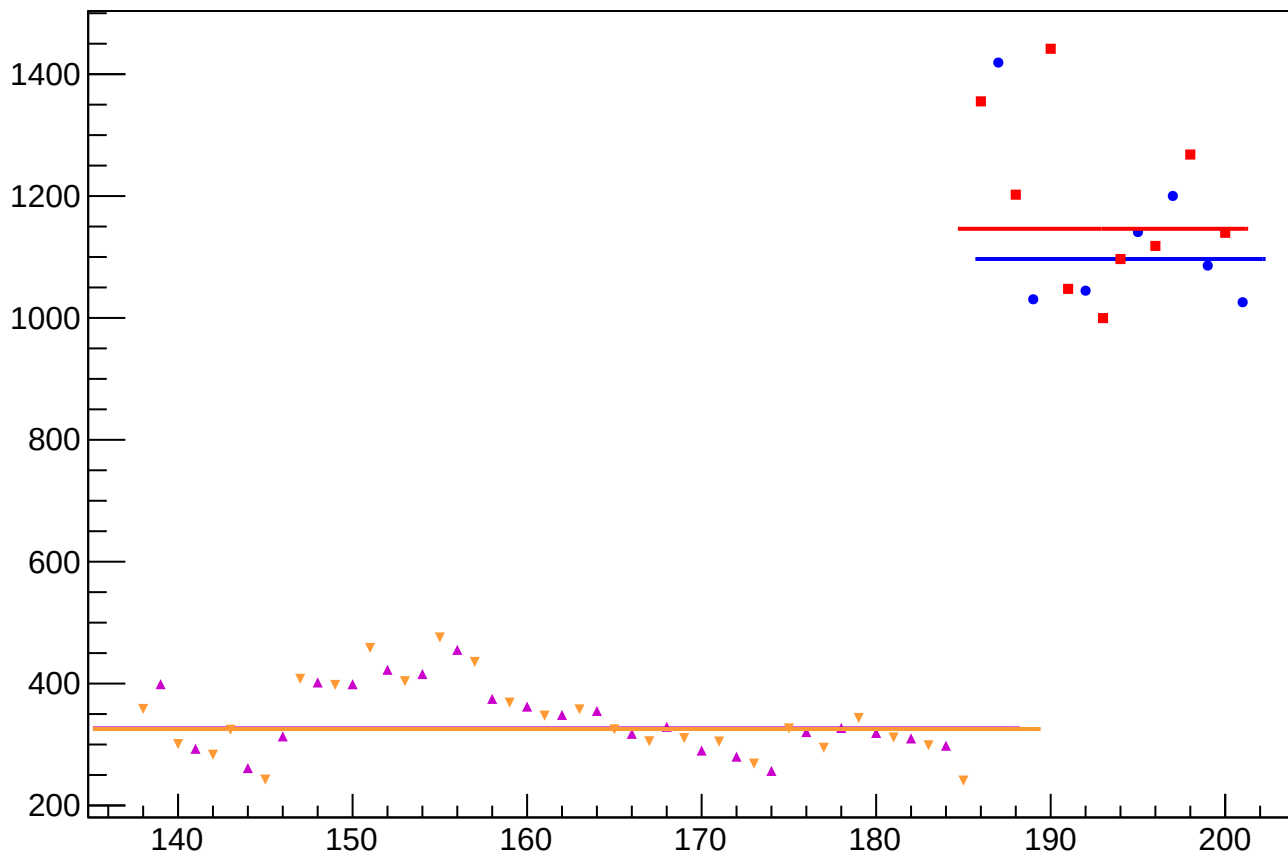
Left In: -41.244 ± 78.858 χ^2/NDF : 28.0/22

+ sign -321.435 ± 76.528 χ^2/NDF : 62.1/31

All: -195.192 ± 54.560 χ^2/NDF : 103.9/63

- sign -64.692 ± 77.807 χ^2/NDF : 36.2/31

asym_sam7_correction_rms vs Slug



Right In: 1096.720 $\pm$ 0.376 χ^2 /NDF: 43226.8/6

Left Out: 325.432 $\pm$ 0.055 χ^2 /NDF:1000974.7/24

Right Out: 1146.293 $\pm$ 0.338 χ^2 /NDF: 103898.2/8

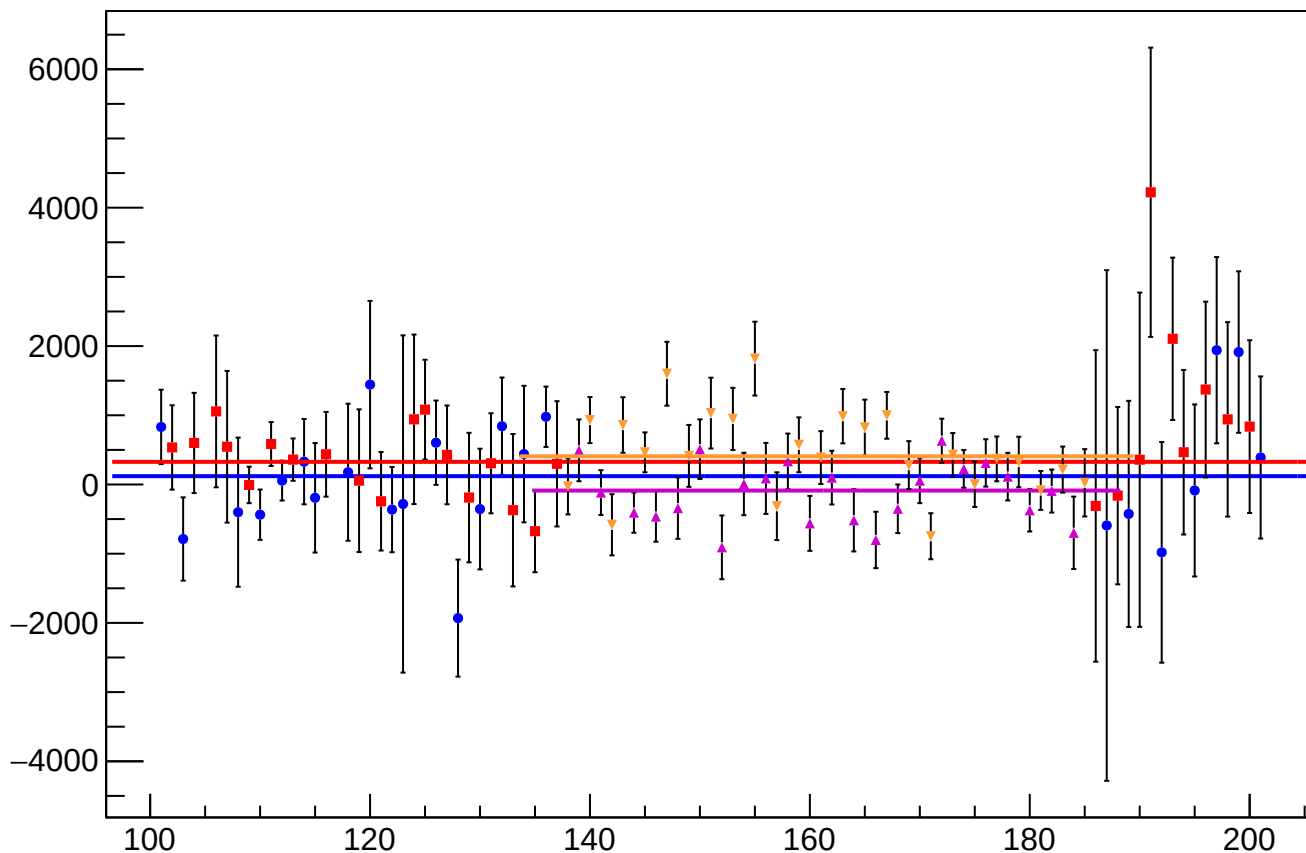
Left In: 326.516 $\pm$ 0.056 χ^2 /NDF:841153.2/22

+ sign 341.443 $\pm$ 0.054 χ^2 /NDF: 5173966.7/31

All: 344.774 $\pm$ 0.039 χ^2 /NDF: 11848399.4/63

- sign 348.218 $\pm$ 0.055 χ^2 /NDF: 6666726.1/31

asym_sam7_mean vs Slug



Right In: 120.298 ± 137.776 χ^2/NDF : 25.5/23

Left Out: 407.375 ± 74.730 χ^2/NDF : 53.0/24

Right Out: 327.365 ± 125.222 χ^2/NDF : 15.7/26

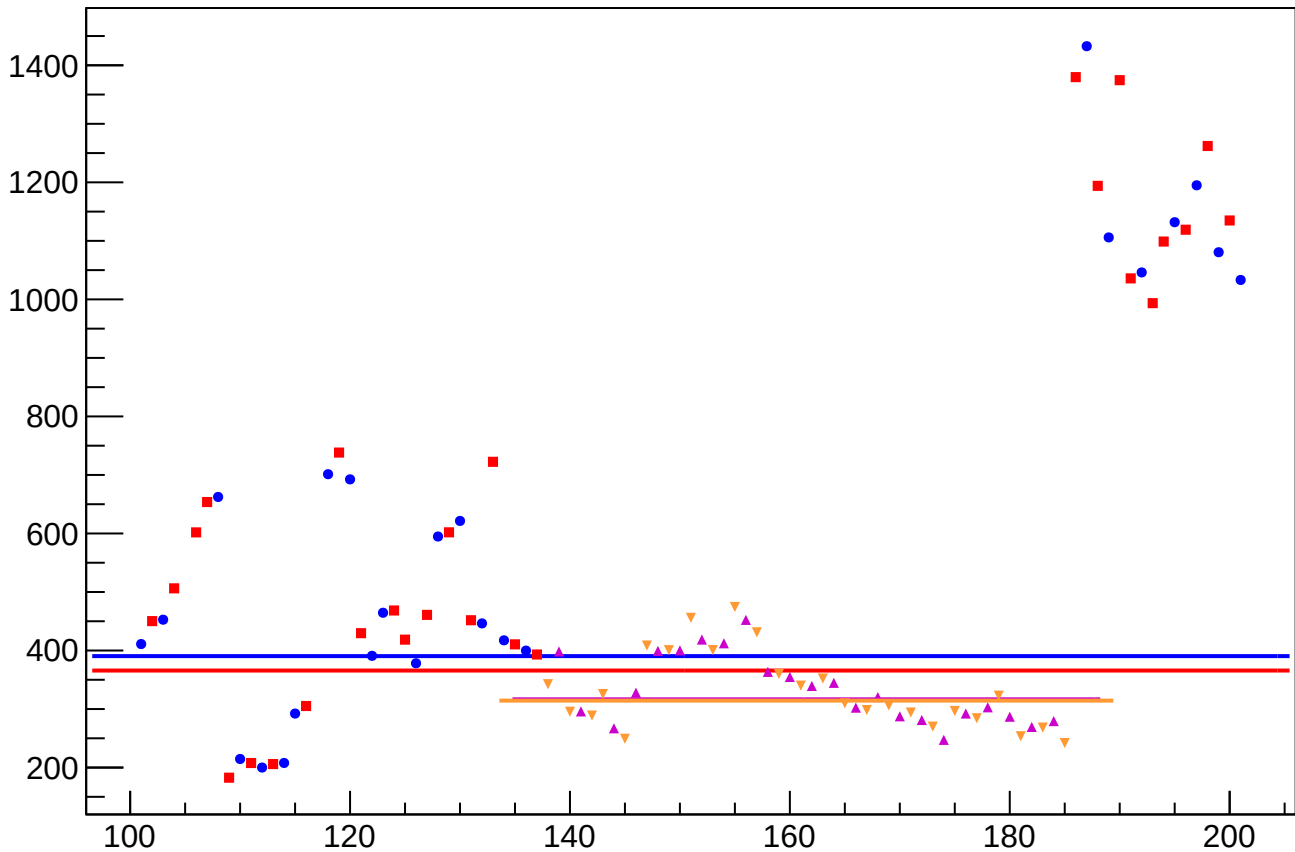
Left In: -87.657 ± 76.572 χ^2/NDF : 27.4/22

+ sign 342.115 ± 65.690 χ^2/NDF : 81.9/48

All: 182.825 ± 46.321 χ^2/NDF : 144.7/98

- sign 25.292 ± 65.326 χ^2/NDF : 51.1/49

asym_sam7_rms vs Slug



Right In: 390.436+/-0.097 χ^2/NDF : 5906878.0/23

Left Out: 314.405+/-0.053 χ^2/NDF :1112244.9/24

Right Out: 365.772+/-0.089 χ^2/NDF : 8494042.8/26

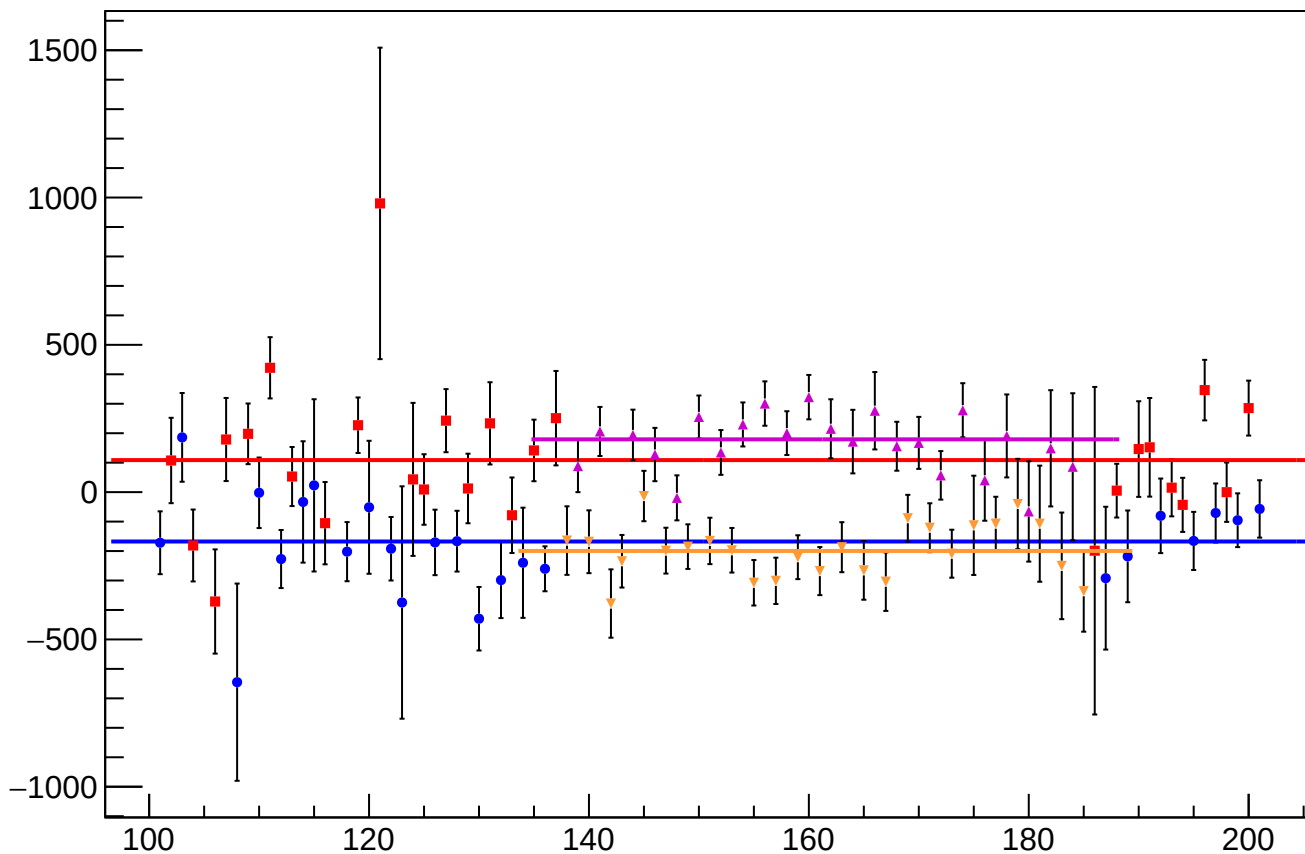
Left In: 316.616+/-0.054 χ^2/NDF :929652.0/22

+ sign 331.688+/-0.046 χ^2/NDF : 7489736.3/48

All: 330.837+/-0.033 χ^2/NDF : 17138417.9/98

- sign 329.994+/-0.046 χ^2/NDF : 9648012.8/49

dit_asym_sam8_mean vs Slug



Right In: -167.585 ± 24.764 χ^2/NDF : 23.6/23

Left Out: -199.640 ± 18.452 χ^2/NDF : 20.2/24

Right Out: 108.753 ± 23.146 χ^2/NDF : 52.3/26

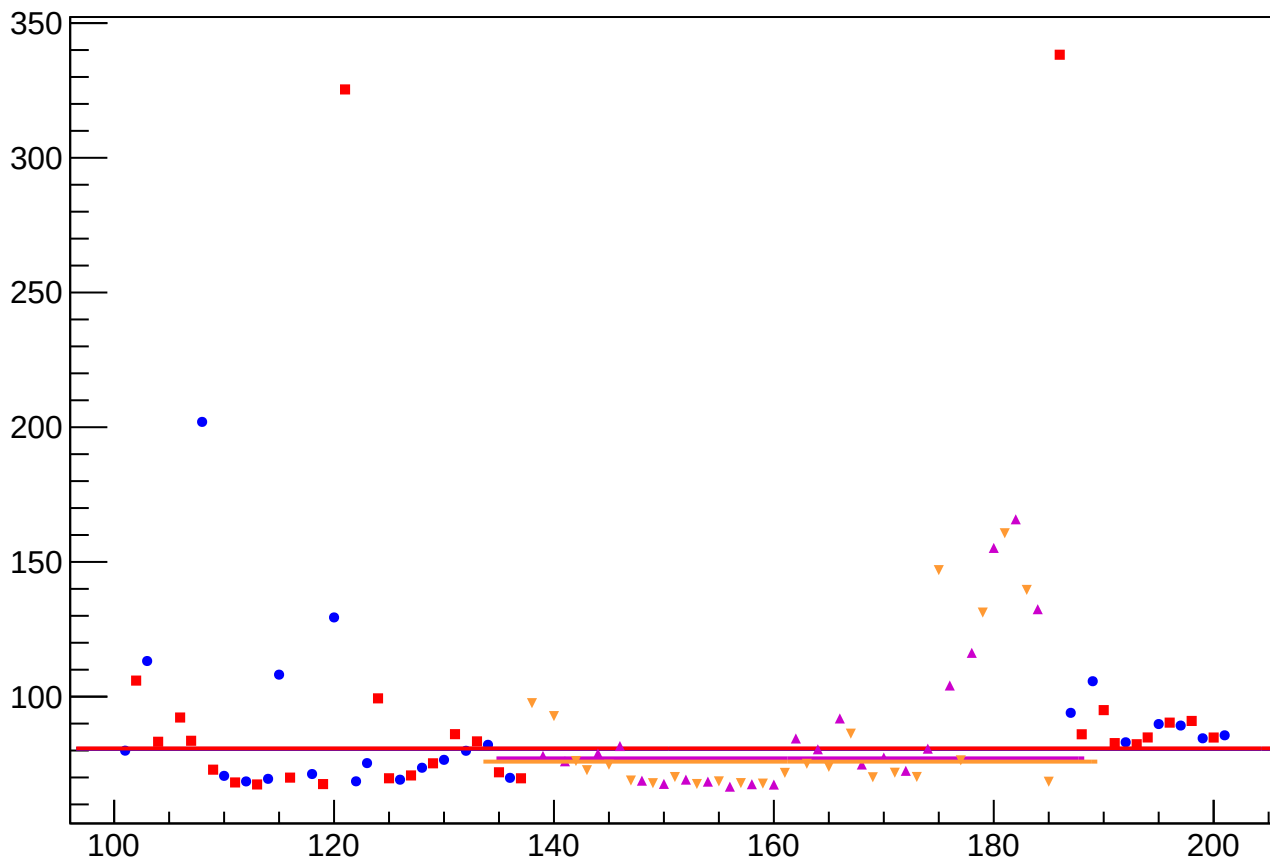
Left In: 179.154 ± 19.112 χ^2/NDF : 23.9/22

+ sign -188.197 ± 14.796 χ^2/NDF : 44.9/48

All: -18.116 ± 10.442 χ^2/NDF : 389.8/98

- sign 150.614 ± 14.737 χ^2/NDF : 81.7/49

dit_asym_sam8_rms vs Slug



Right In: 80.604 $\pm$ 0.018 χ^2 /NDF: 733910.3/23

Left Out: 75.883 $\pm$ 0.013 χ^2 /NDF:1552500.3/24

Right Out: 80.768 $\pm$ 0.016 χ^2 /NDF: 1201185.2/26

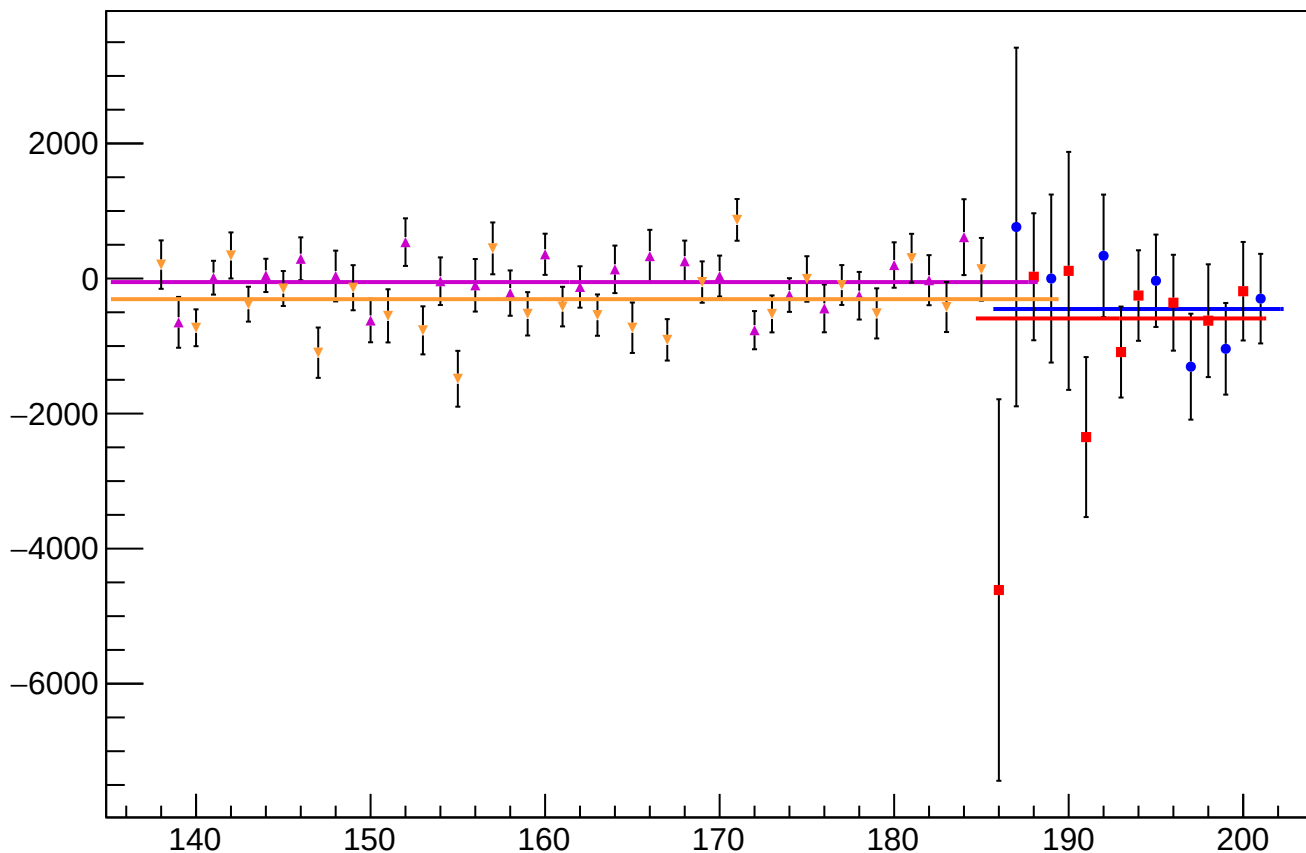
Left In: 77.080 $\pm$ 0.014 χ^2 /NDF:1422981.1/22

+ sign 77.568 $\pm$ 0.010 χ^2 /NDF: 2333138.9/48

All: 78.074 $\pm$ 0.007 χ^2 /NDF: 4992155.4/98

- sign 78.575 $\pm$ 0.010 χ^2 /NDF: 2654369.5/49

asym_sam8_correction_mean vs Slug



Right In: -451.581 ± 312.934 χ^2/NDF : 3.5/6

Left Out: -305.659 ± 65.327 χ^2/NDF : 54.9/24

Right Out: -591.307 ± 288.481 χ^2/NDF : 6.0/8

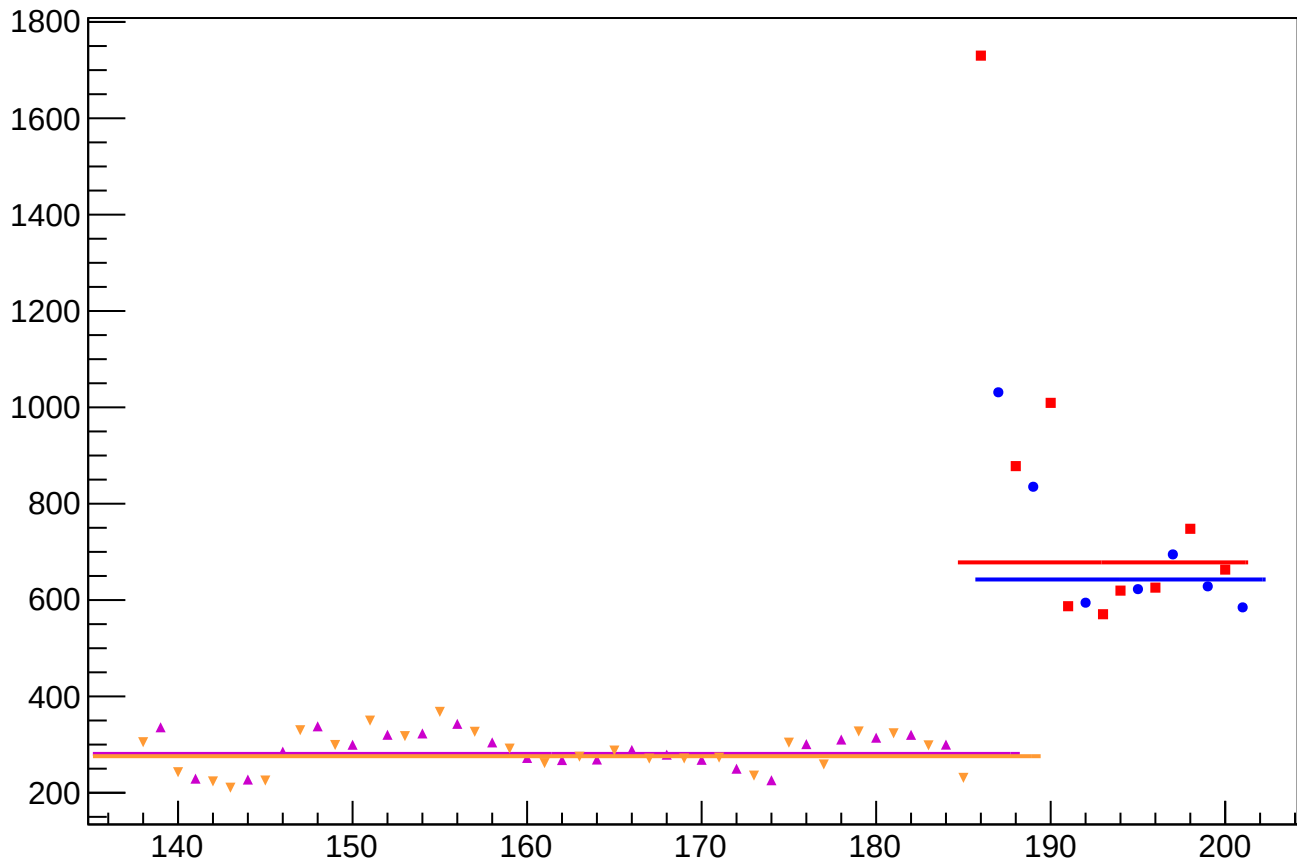
Left In: -52.759 ± 67.539 χ^2/NDF : 24.9/22

+ sign -311.753 ± 63.948 χ^2/NDF : 58.6/31

All: -199.476 ± 45.846 χ^2/NDF : 99.1/63

- sign -80.744 ± 65.761 χ^2/NDF : 34.2/31

asym_sam8_correction_rms vs Slug



Right In: 642.712+/-0.221 χ^2/NDF : 122972.7/6

Left Out: 275.901+/-0.046 χ^2/NDF : 753109.6/24

Right Out: 678.182+/-0.204 χ^2/NDF : 541972.7/8

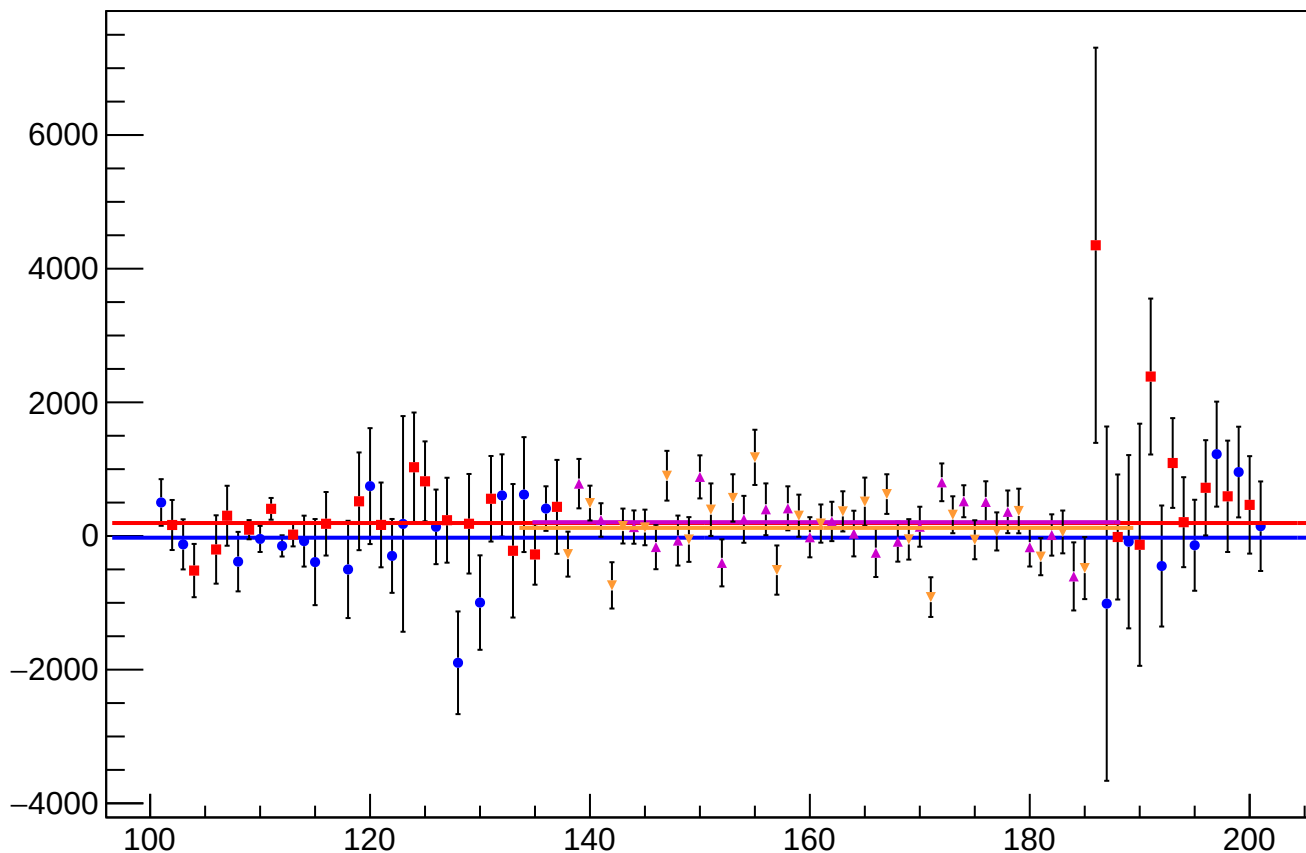
Left In: 280.628+/-0.048 χ^2/NDF : 587415.9/22

+ sign 291.218+/-0.045 χ^2/NDF : 3509276.1/31

All: 296.112+/-0.032 χ^2/NDF : 8263675.4/63

- sign 301.287+/-0.046 χ^2/NDF : 4730303.0/31

asym_sam8_mean vs Slug



Right In: -25.496 ± 86.834 χ^2/NDF : 21.7/23

Left Out: 121.185 ± 62.911 χ^2/NDF : 49.0/24

Right Out: 194.228 ± 74.441 χ^2/NDF : 19.3/26

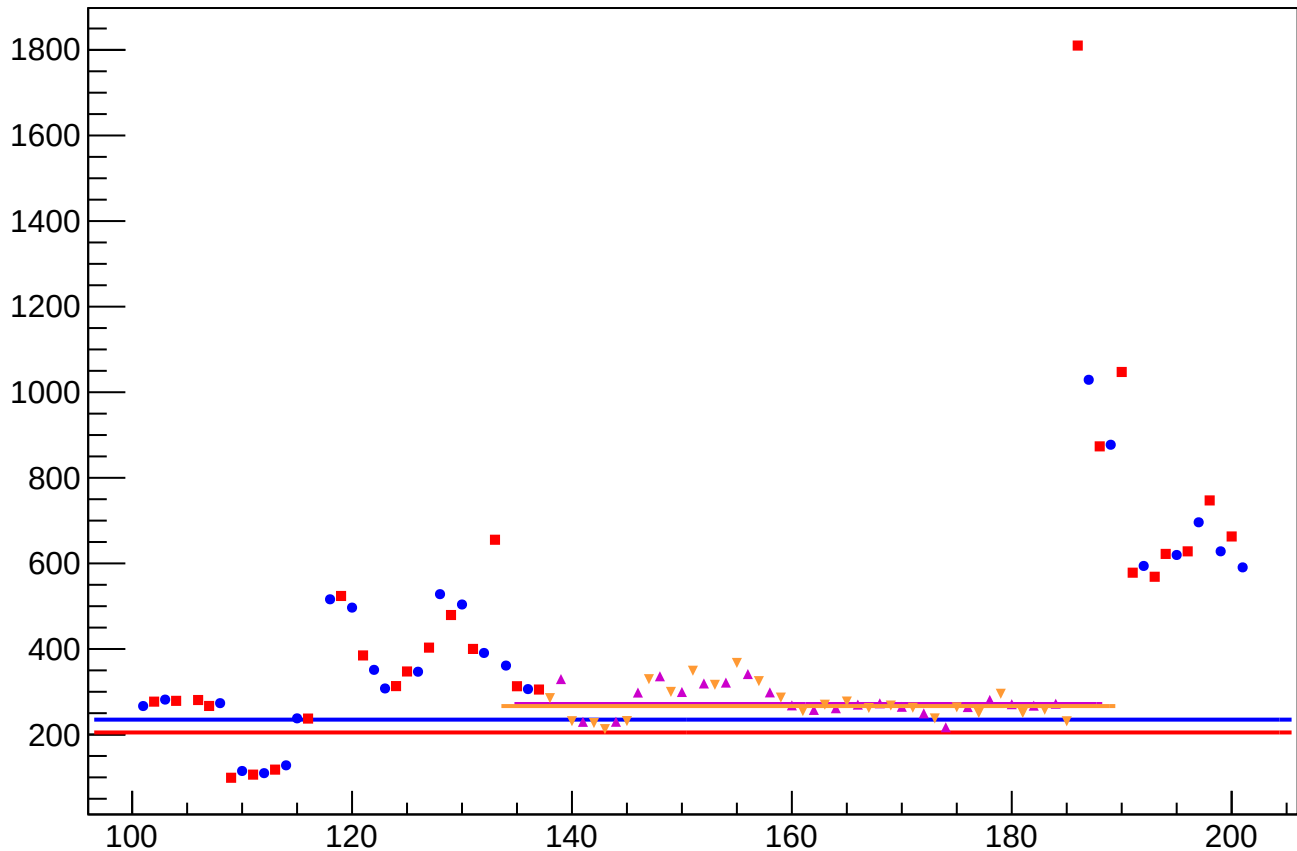
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 70.695 ± 50.946 χ^2/NDF : 72.6/48

All: 138.542 ± 35.341 χ^2/NDF : 123.2/98

- sign 201.478 ± 49.067 χ^2/NDF : 47.1/49

asym_sam8_rms vs Slug



Right In: 234.915 $\pm$ 0.061 χ^2 /NDF: 7267805.2/23

Left Out: 266.618 $\pm$ 0.044 χ^2 /NDF: 639230.8/24

Right Out: 204.924 $\pm$ 0.053 χ^2 /NDF: 10389412.1/26

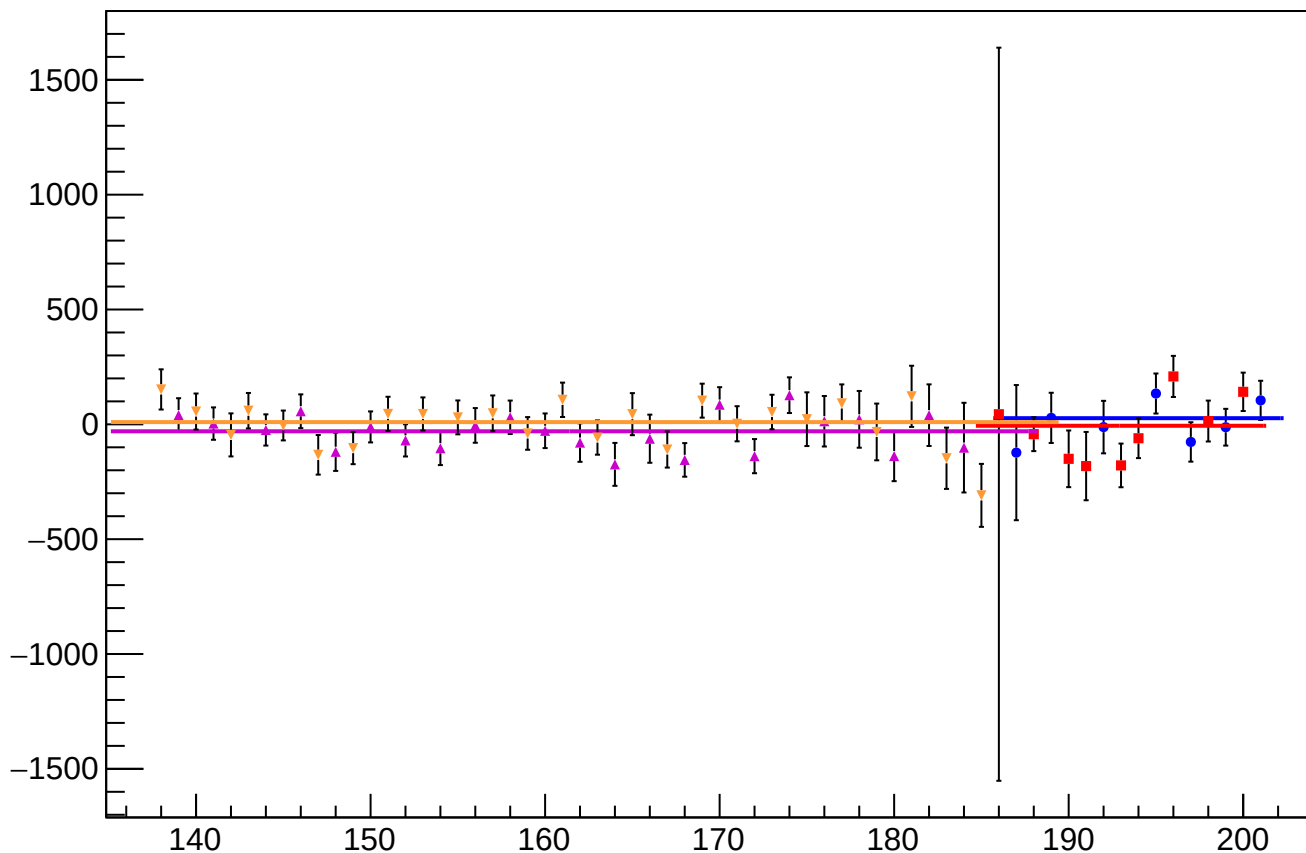
Left In: 271.451 $\pm$ 0.046 χ^2 /NDF: 530897.8/22

+ sign 255.705 $\pm$ 0.036 χ^2 /NDF: 8081864.3/48

All: 248.879 $\pm$ 0.025 χ^2 /NDF: 19974752.0/98

- sign 242.547 $\pm$ 0.035 χ^2 /NDF: 11823679.7/49

dit_asym_sam_15_avg_mean vs Slug



Right In: 26.830 ± 36.931 χ^2/NDF : 4.4/6

Left Out: 9.762 ± 16.463 χ^2/NDF : 25.9/24

Right Out: -6.171 ± 32.724 χ^2/NDF : 15.6/8

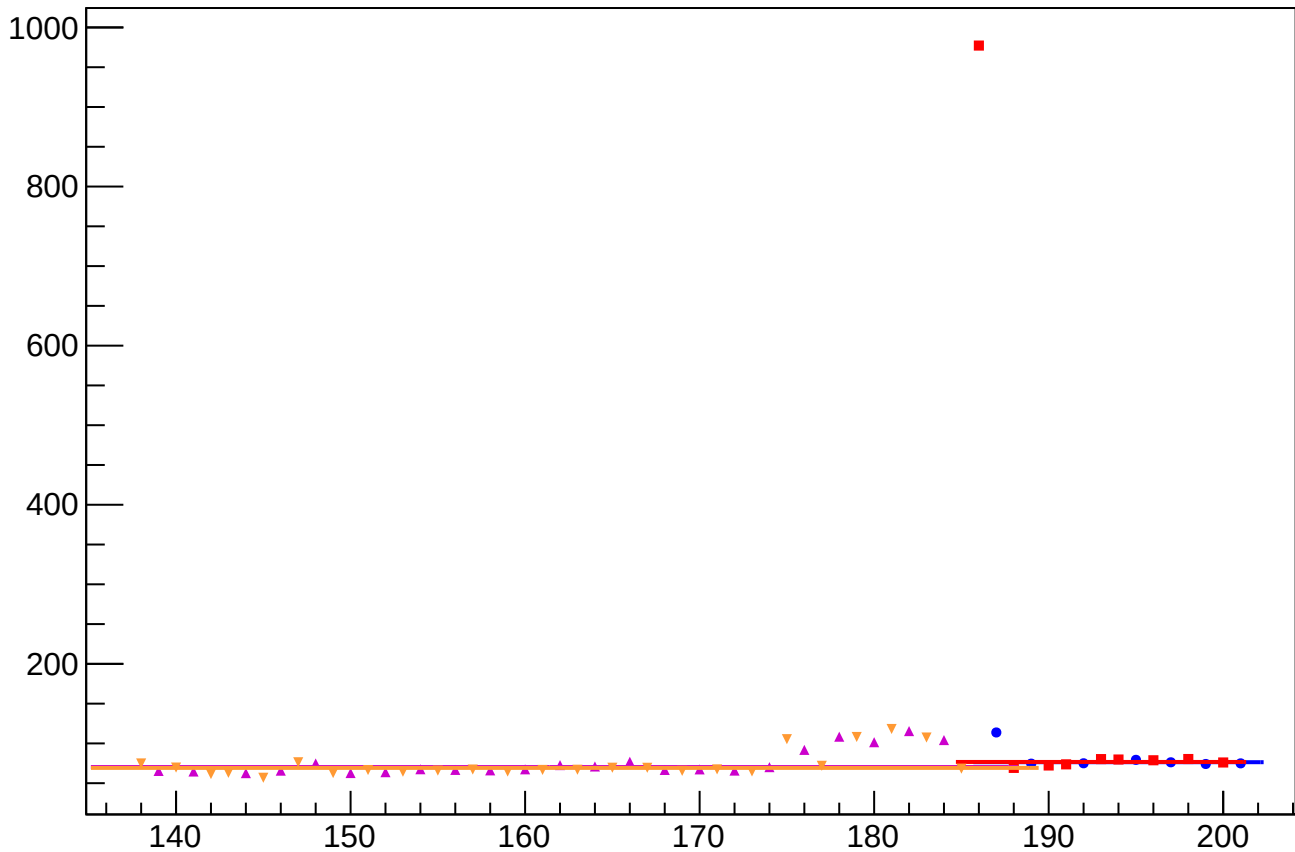
Left In: -30.236 ± 17.031 χ^2/NDF : 21.9/22

+ sign 12.591 ± 15.037 χ^2/NDF : 30.5/31

All: -6.170 ± 10.657 χ^2/NDF : 71.6/63

- sign -25.107 ± 15.107 χ^2/NDF : 37.9/31

dit_asym_sam_15_avg_rms vs Slug



Right In: 76.388 $\pm$ 0.026 χ^2 /NDF: 37551.6/6

Left Out: 69.234 $\pm$ 0.012 χ^2 /NDF: 1005922.1/24

Right Out: 76.686 $\pm$ 0.023 χ^2 /NDF: 670605.4/8

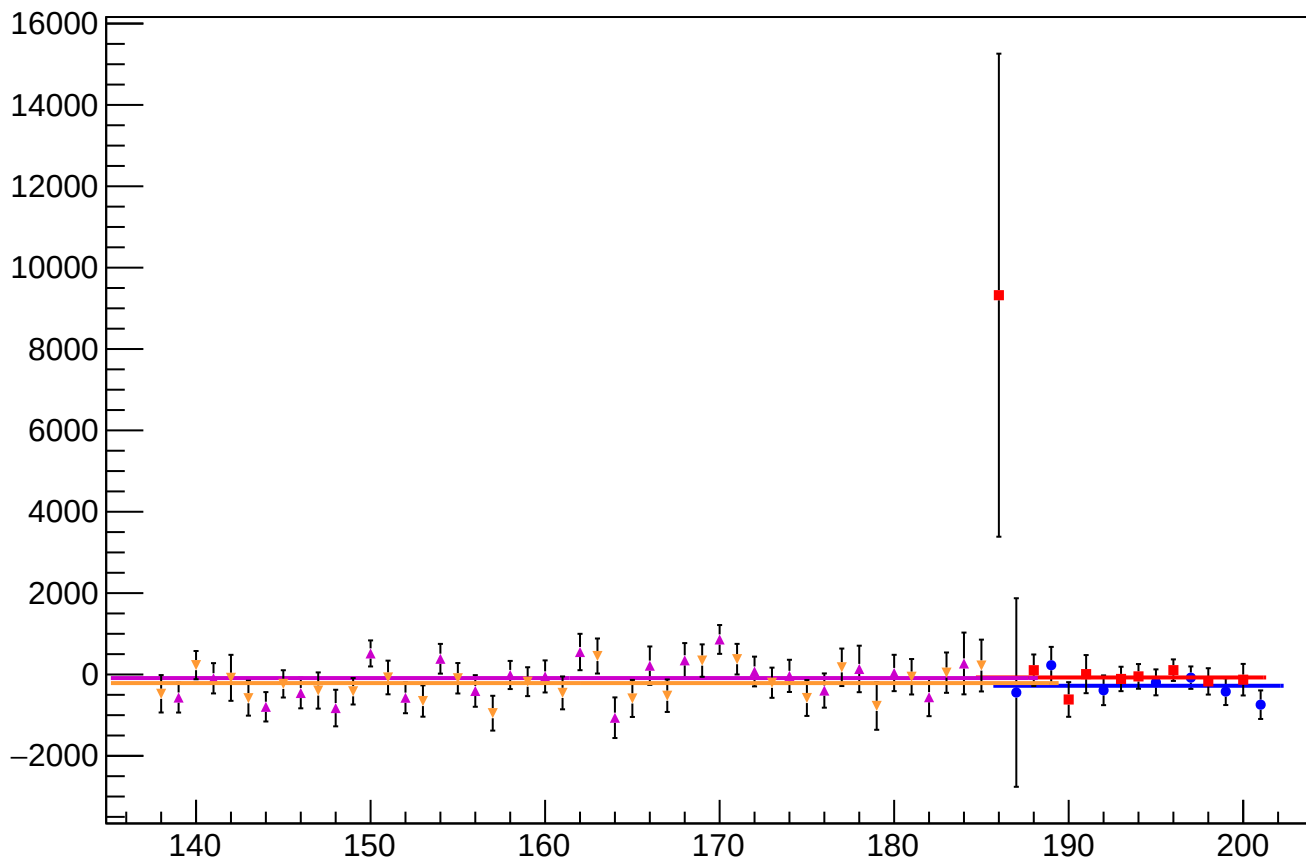
Left In: 70.322 $\pm$ 0.012 χ^2 /NDF: 862105.7/22

+ sign 70.420 $\pm$ 0.011 χ^2 /NDF: 1106075.2/31

All: 71.046 $\pm$ 0.008 χ^2 /NDF: 2705278.8/63

- sign 71.679 $\pm$ 0.011 χ^2 /NDF: 1592227.3/31

asym_sam_15_avg_correction_mean vs Slug



Right In: -277.537 ± 137.487 χ^2/NDF : 3.9/6

Left Out: -211.526 ± 82.780 χ^2/NDF : 19.4/24

Right Out: -73.230 ± 120.200 χ^2/NDF : 5.0/8

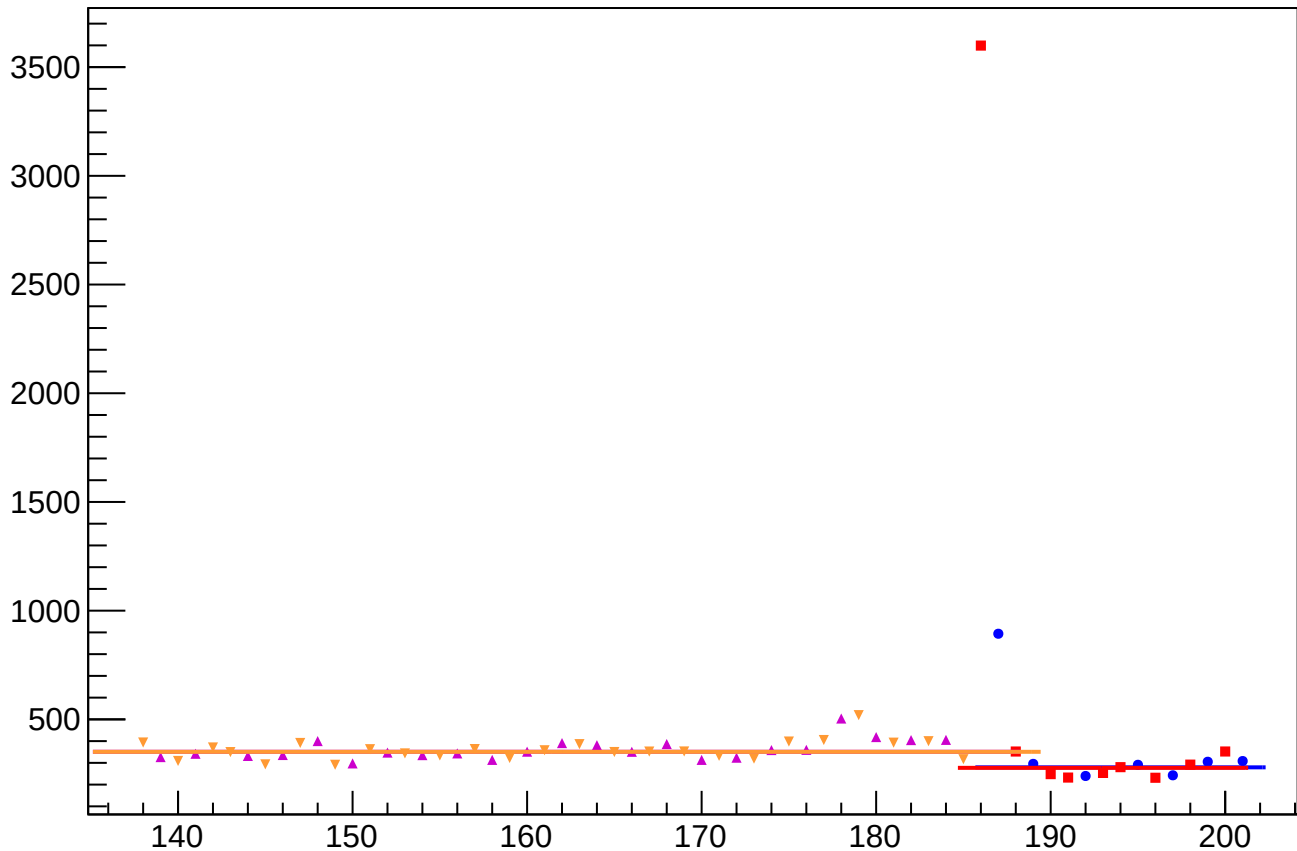
Left In: -88.062 ± 84.309 χ^2/NDF : 33.5/22

+ sign -229.089 ± 70.918 χ^2/NDF : 23.5/31

All: -154.155 ± 49.463 χ^2/NDF : 64.1/63

- sign -83.171 ± 69.023 χ^2/NDF : 38.4/31

asym_sam_15_avg_correction_rms vs Slug



Right In: 279.369+/-0.097 χ^2/NDF : 230515.5/6

Left Out: 350.780+/-0.059 χ^2/NDF : 506274.4/24

Right Out: 277.049+/-0.085 χ^2/NDF : 880261.3/8

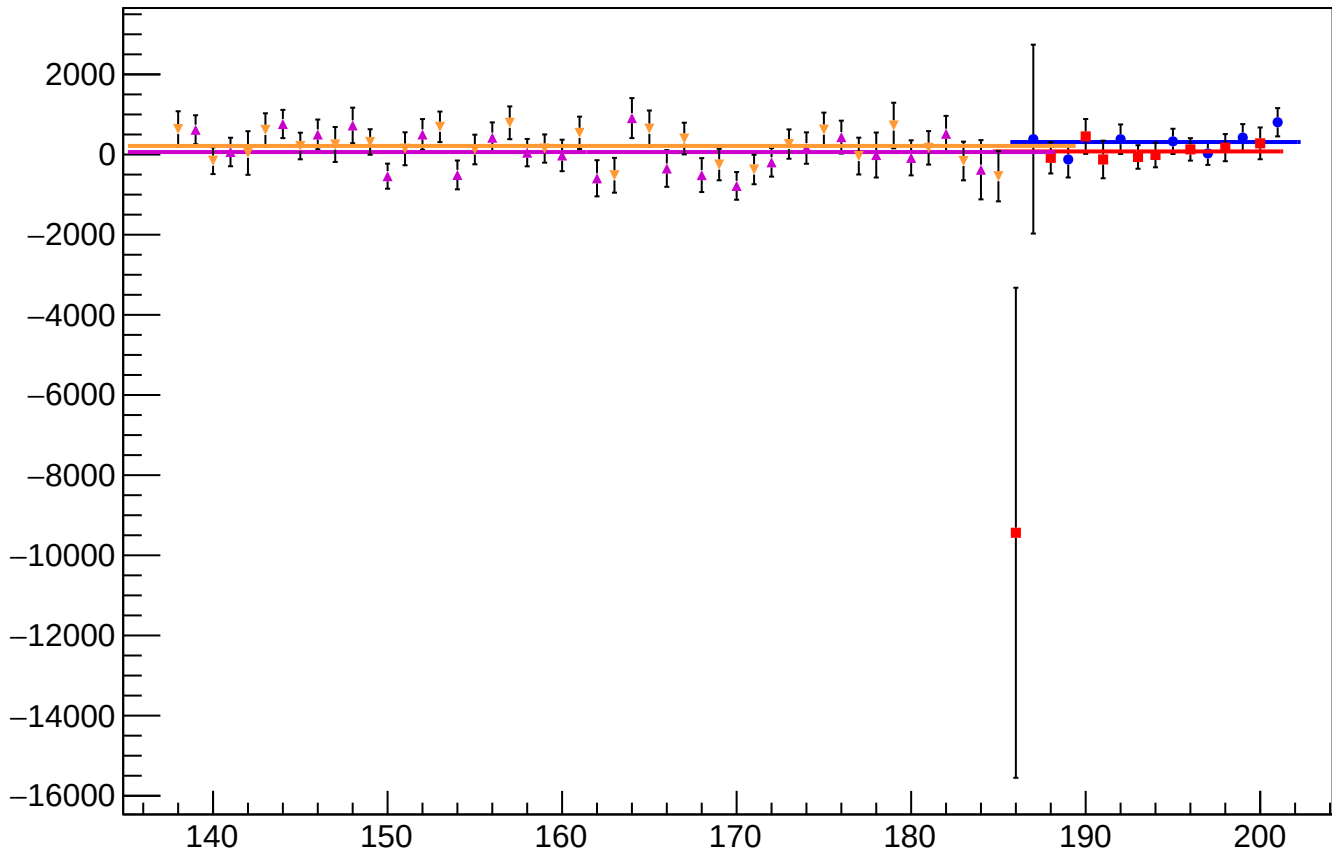
Left In: 350.944+/-0.060 χ^2/NDF : 424876.4/22

+ sign 331.780+/-0.050 χ^2/NDF : 1132800.2/31

All: 329.109+/-0.035 χ^2/NDF : 2950102.1/63

- sign 326.578+/-0.049 χ^2/NDF : 1811774.2/31

asym_sam_15_avg_mean vs Slug



Right In: 312.277 $\pm$ 138.953 χ^2 /NDF: 4.0/6

Left Out: 215.214 $\pm$ 81.235 χ^2 /NDF: 19.6/24

Right Out: 77.405 $\pm$ 122.733 χ^2 /NDF: 4.2/8

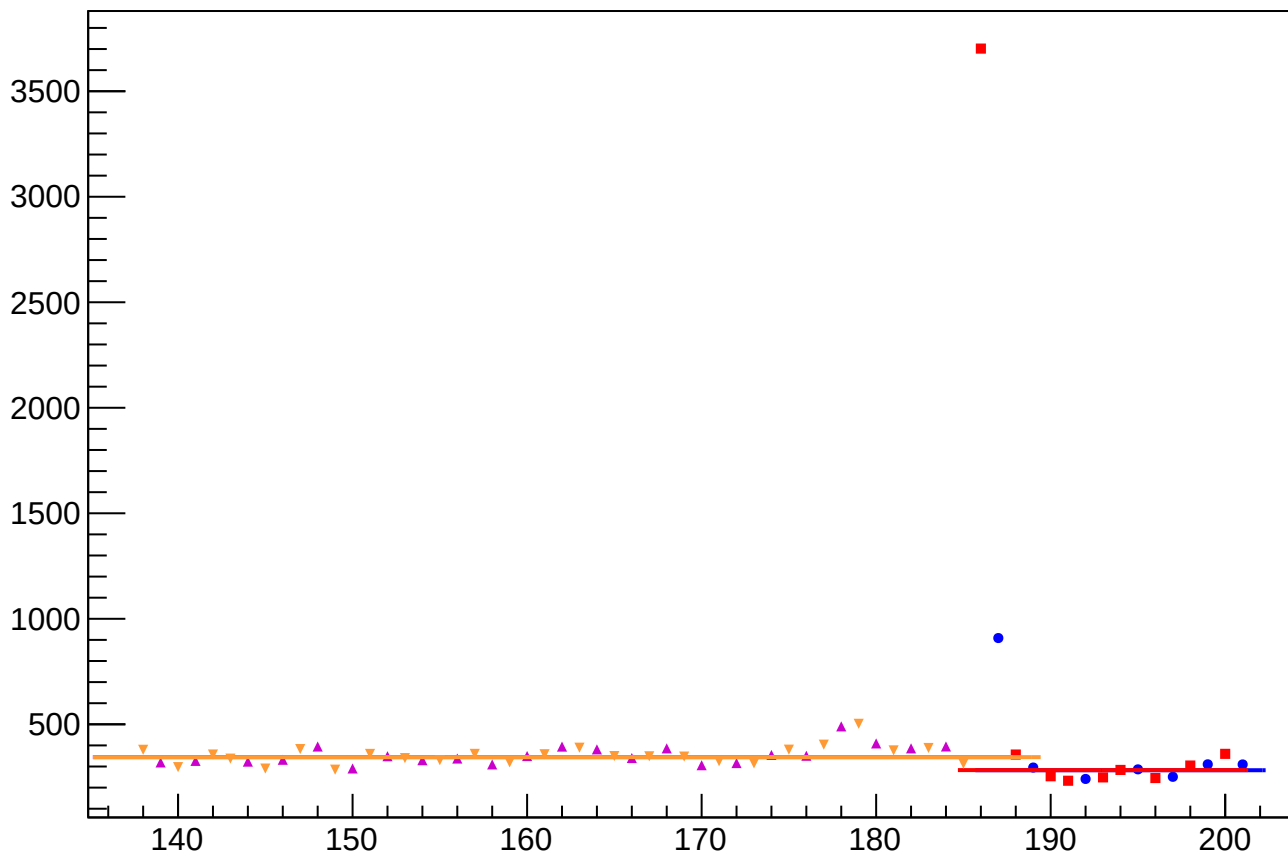
Left In: 61.730 $\pm$ 82.841 χ^2 /NDF: 34.9/22

+ sign 239.938 $\pm$ 70.130 χ^2 /NDF: 24.0/31

All: 151.457 $\pm$ 49.063 χ^2 /NDF: 66.2/63

- sign 66.636 $\pm$ 68.664 χ^2 /NDF: 39.1/31

asym_sam_15_avg_rms vs Slug



Right In: 282.370+/-0.098 χ^2/NDF : 218276.0/6

Left Out: 344.439+/-0.057 χ^2/NDF : 488381.9/24

Right Out: 282.989+/-0.087 χ^2/NDF : 876116.2/8

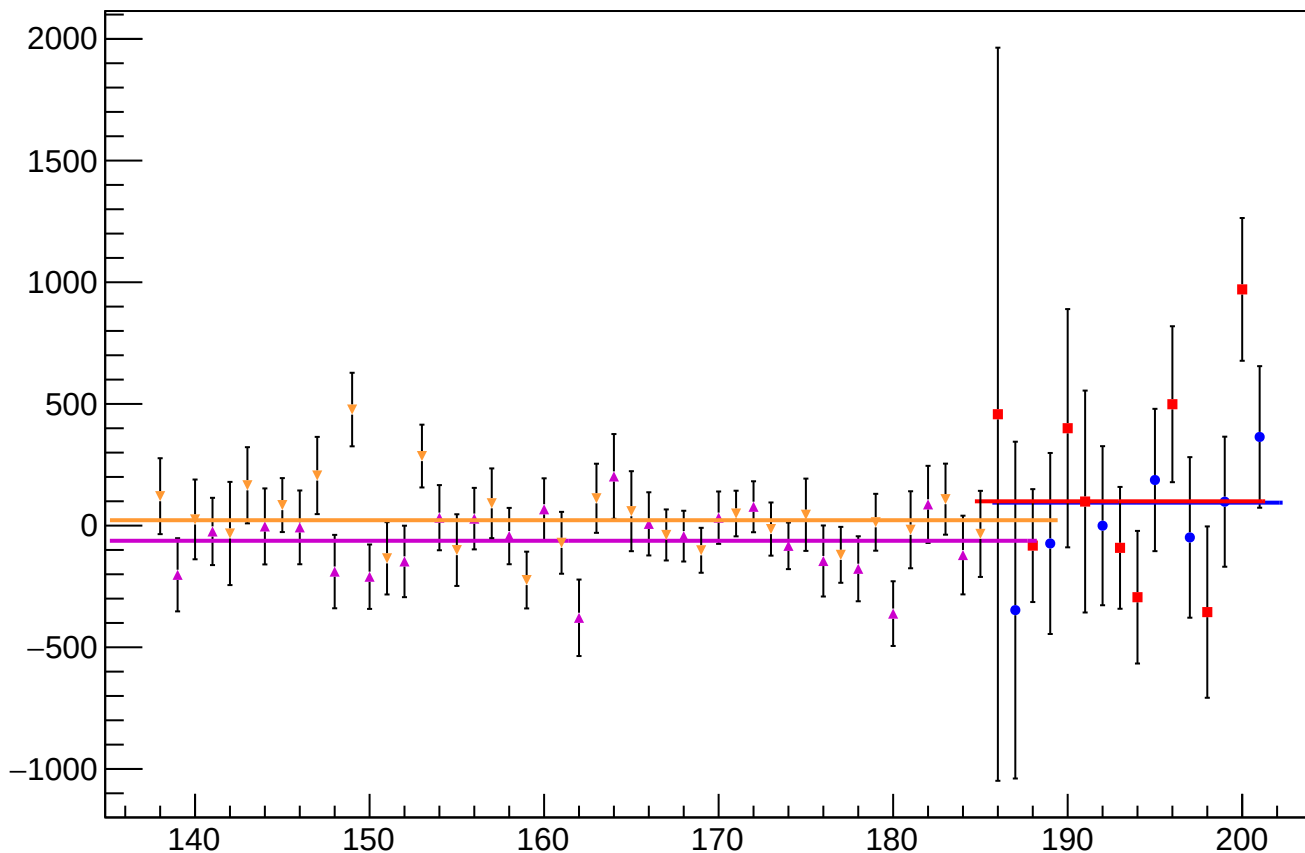
Left In: 344.475+/-0.059 χ^2/NDF : 433401.7/22

+ sign 328.629+/-0.050 χ^2/NDF : 1004067.8/31

All: 326.894+/-0.035 χ^2/NDF : 2660827.5/63

- sign 325.230+/-0.049 χ^2/NDF : 1654361.7/31

dit_asym_sam_26_avg_mean vs Slug



Right In: 94.338 $\pm$ 123.672 χ^2 /NDF: 1.8/6

Left Out: 22.164 $\pm$ 26.284 χ^2 /NDF: 28.1/24

Right Out: 99.867 $\pm$ 107.298 χ^2 /NDF: 15.8/8

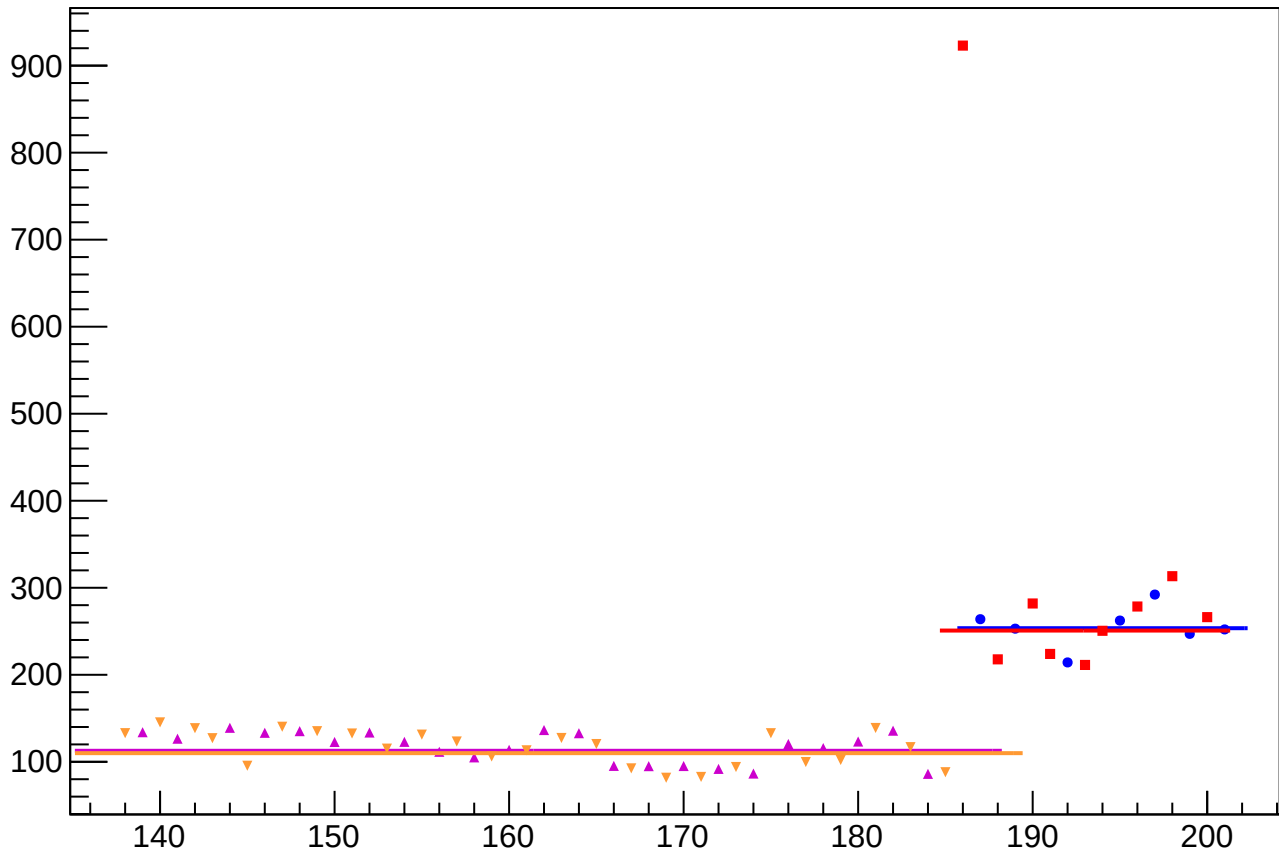
Left In: -62.310 $\pm$ 27.398 χ^2 /NDF: 22.0/22

+ sign 25.283 $\pm$ 25.710 χ^2 /NDF: 30.2/31

All: -12.307 $\pm$ 18.468 χ^2 /NDF: 74.6/63

- sign -52.383 $\pm$ 26.547 χ^2 /NDF: 39.9/31

dit_asym_sam_26_avg_rms vs Slug



Right In: 253.535 $\pm$ 0.087 χ^2 /NDF: 59880.8/6

Left Out: 109.953 $\pm$ 0.019 χ^2 /NDF: 1140626.9/24

Right Out: 250.832 $\pm$ 0.076 χ^2 /NDF: 587192.1/8

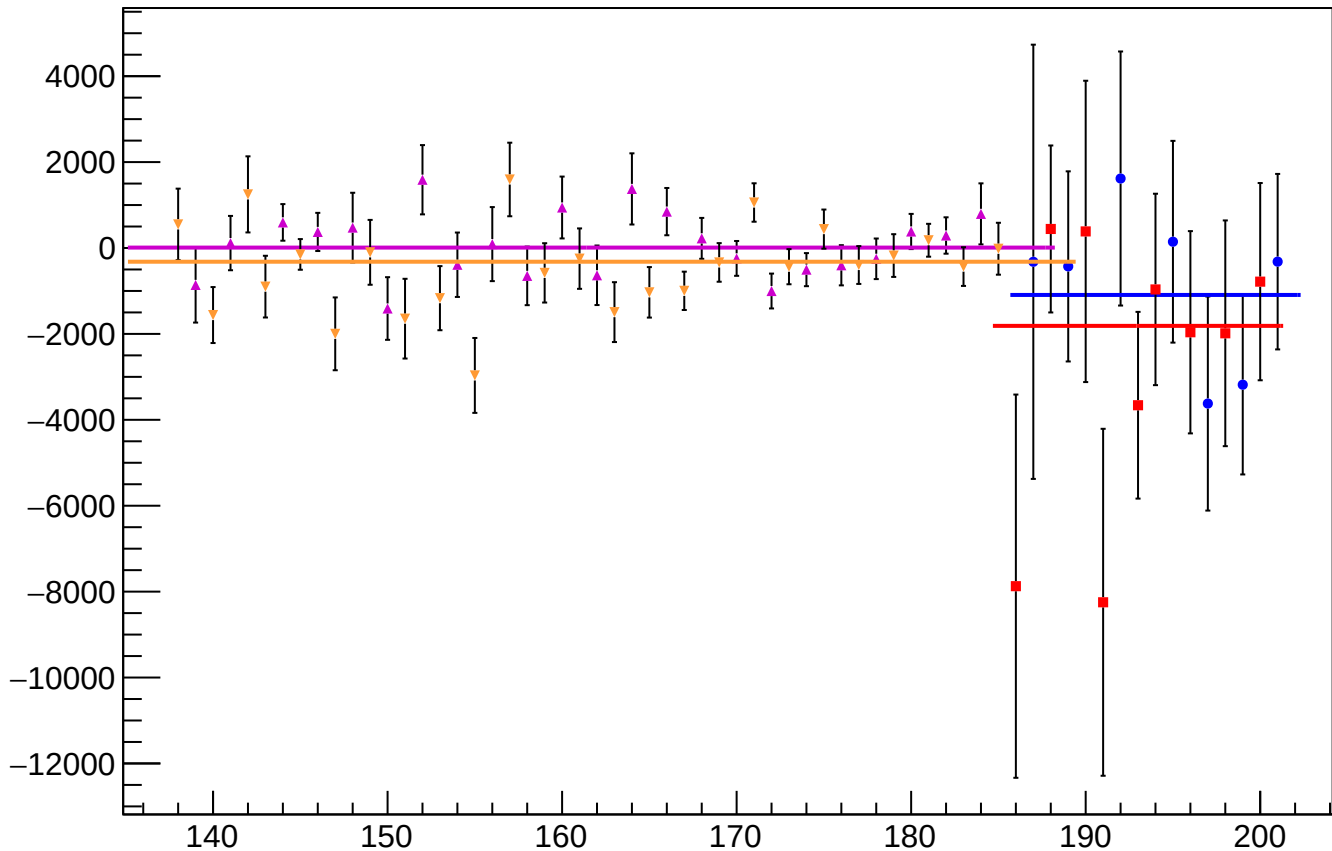
Left In: 112.657 $\pm$ 0.019 χ^2 /NDF: 835831.1/22

+ sign 116.158 $\pm$ 0.018 χ^2 /NDF: 3779793.5/31

All: 118.557 $\pm$ 0.013 χ^2 /NDF: 8352478.7/63

- sign 121.115 $\pm$ 0.019 χ^2 /NDF: 4536699.0/31

asym_sam_26_avg_correction_mean vs Slug



Right In: -1093.011 ± 924.990 χ^2/NDF : 3.4/6

Left Out: -319.391 ± 110.306 χ^2/NDF : 51.5/24

Right Out: -1812.944 ± 849.553 χ^2/NDF : 7.2/8

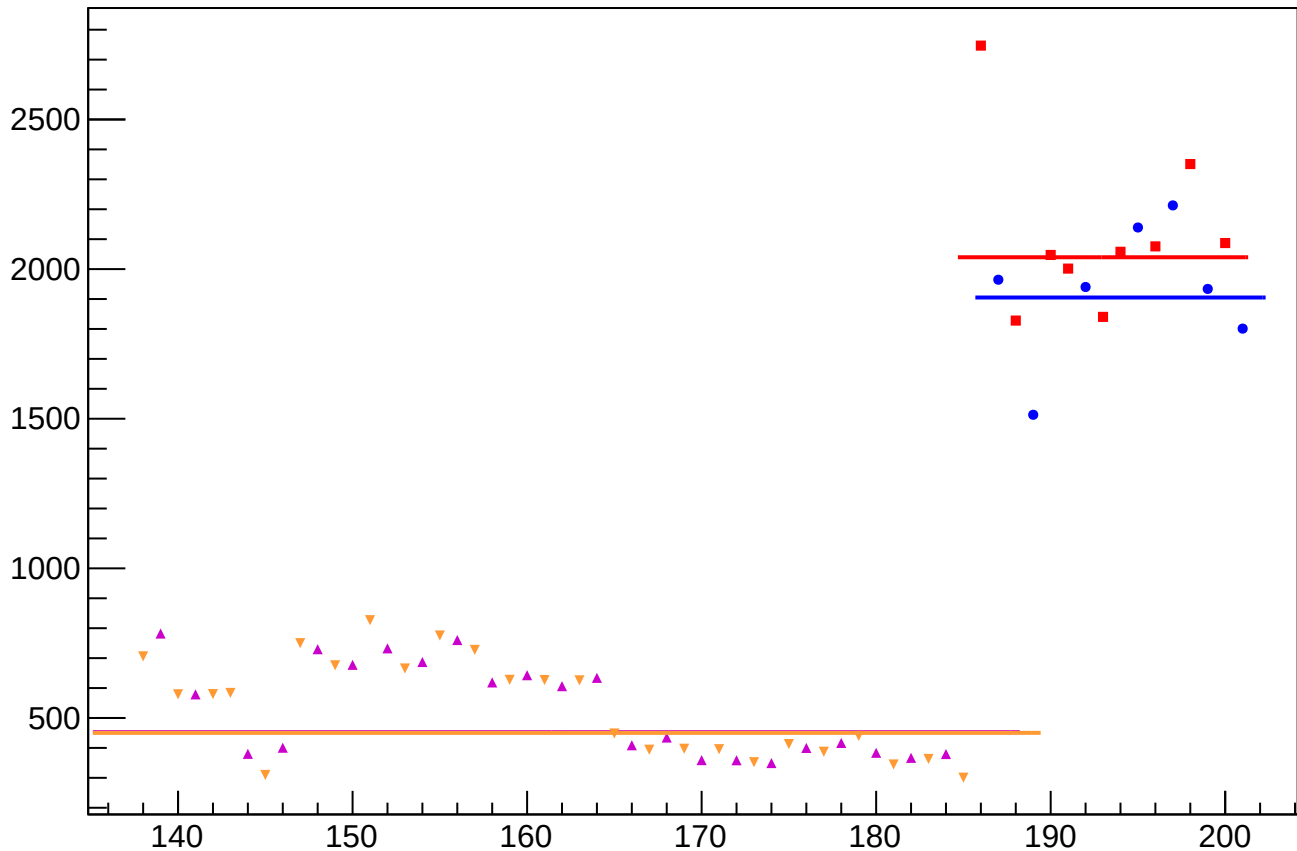
Left In: 9.462 ± 112.340 χ^2/NDF : 32.5/22

+ sign -330.238 ± 109.529 χ^2/NDF : 55.6/31

All: -178.618 ± 78.092 χ^2/NDF : 103.7/63

- sign -21.857 ± 111.371 χ^2/NDF : 44.2/31

asym_sam_26_avg_correction_rms vs Slug



Right In: 1905.079+/-0.654 χ^2/NDF : 119185.9/6

Left Out: 450.363+/-0.078 χ^2/NDF : 3096435.8/24

Right Out: 2039.605+/-0.601 χ^2/NDF : 120534.6/8

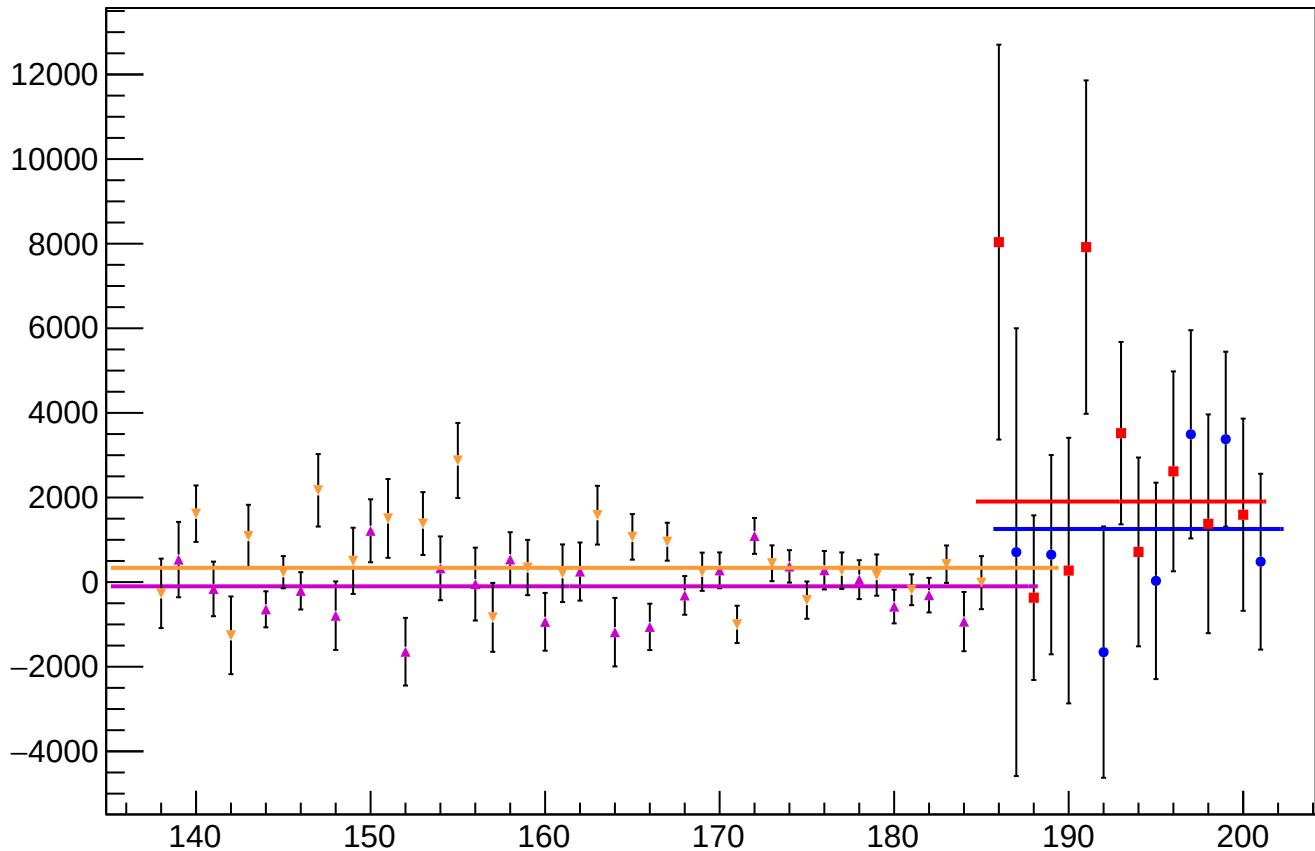
Left In: 452.694+/-0.079 χ^2/NDF : 2586032.2/22

+ sign 470.760+/-0.077 χ^2/NDF : 8092923.3/31

All: 475.286+/-0.055 χ^2/NDF : 17664873.3/63

- sign 479.966+/-0.079 χ^2/NDF : 9565003.5/31

asym_sam_26_avg_mean vs Slug



Right In: 1255.964 $\pm$ 934.440 χ^2 /NDF: 3.3/6

Left Out: 337.948 $\pm$ 109.831 χ^2 /NDF: 48.6/24

Right Out: 1904.909 $\pm$ 840.752 χ^2 /NDF: 6.7/8

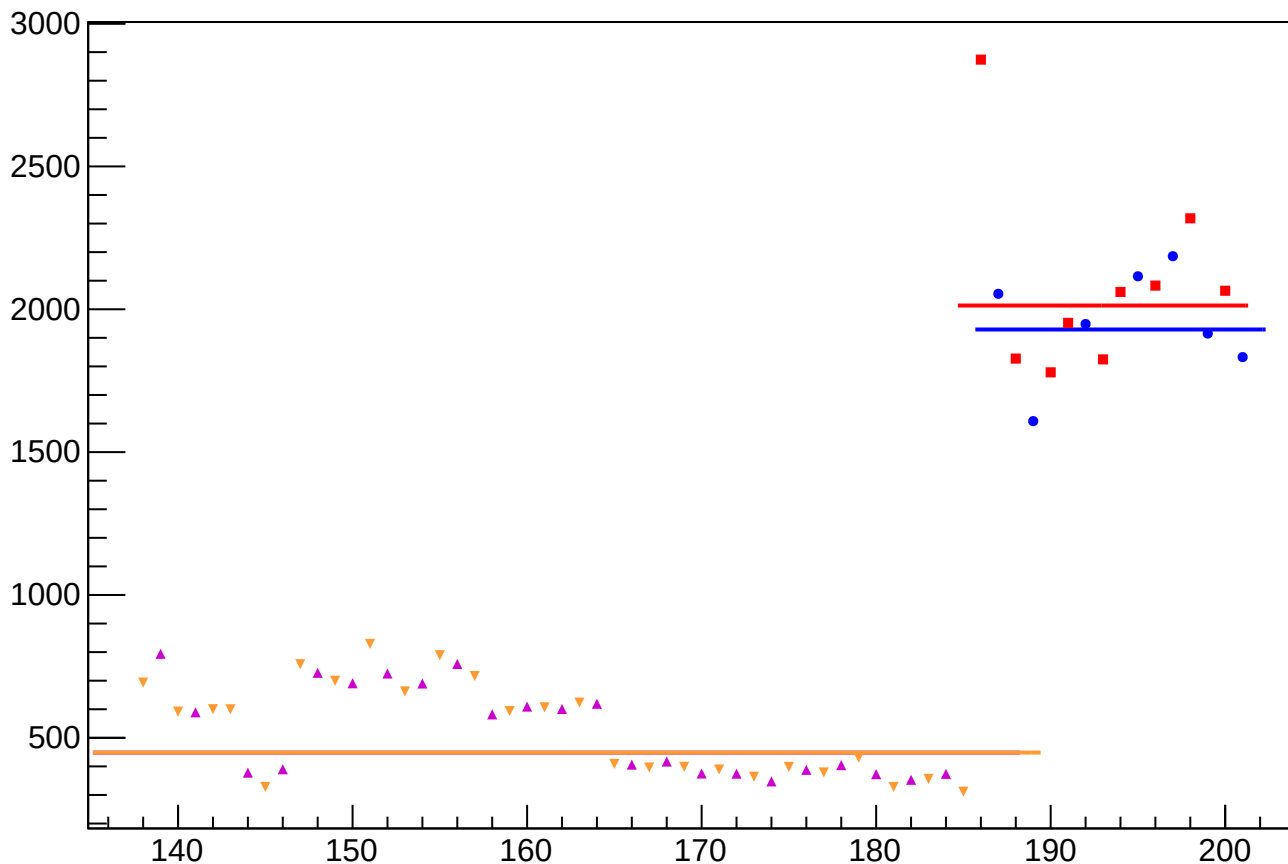
Left In: -99.475 $\pm$ 111.475 χ^2 /NDF: 32.1/22

+ sign 350.457 $\pm$ 109.080 χ^2 /NDF: 52.9/31

All: 145.506 $\pm$ 77.631 χ^2 /NDF: 104.3/63

- sign -64.847 $\pm$ 110.508 χ^2 /NDF: 44.3/31

asym_sam_26_avg_rms vs Slug



Right In: 1929.234 ± 0.661 χ^2/NDF : 77325.1/6

Left Out: 448.397 ± 0.078 χ^2/NDF : 3077183.0/24

Right Out: 2013.057 ± 0.595 χ^2/NDF : 144680.8/8

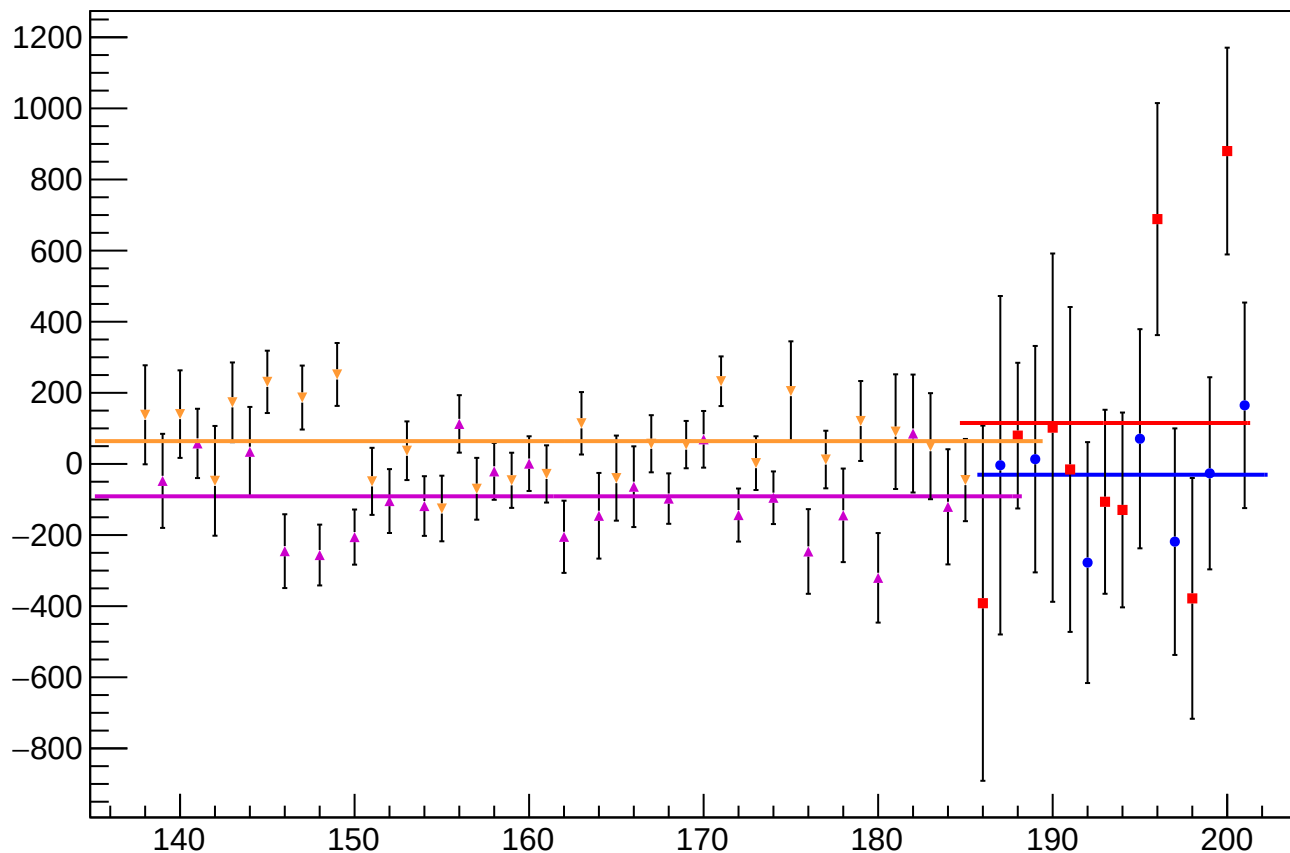
Left In: 448.238 ± 0.079 χ^2/NDF : 2563455.5/22

+ sign 468.575 ± 0.077 χ^2/NDF : 8108816.2/31

All: 471.880 ± 0.055 χ^2/NDF : 17629201.5/63

- sign 475.273 ± 0.078 χ^2/NDF : 9516664.6/31

dit_asym_sam_37_avg_mean vs Slug



Right In: -30.355 ± 120.353 χ^2/NDF : 1.5/6

Left Out: 64.142 ± 18.728 χ^2/NDF : 33.8/24

Right Out: 115.181 ± 102.600 χ^2/NDF : 14.8/8

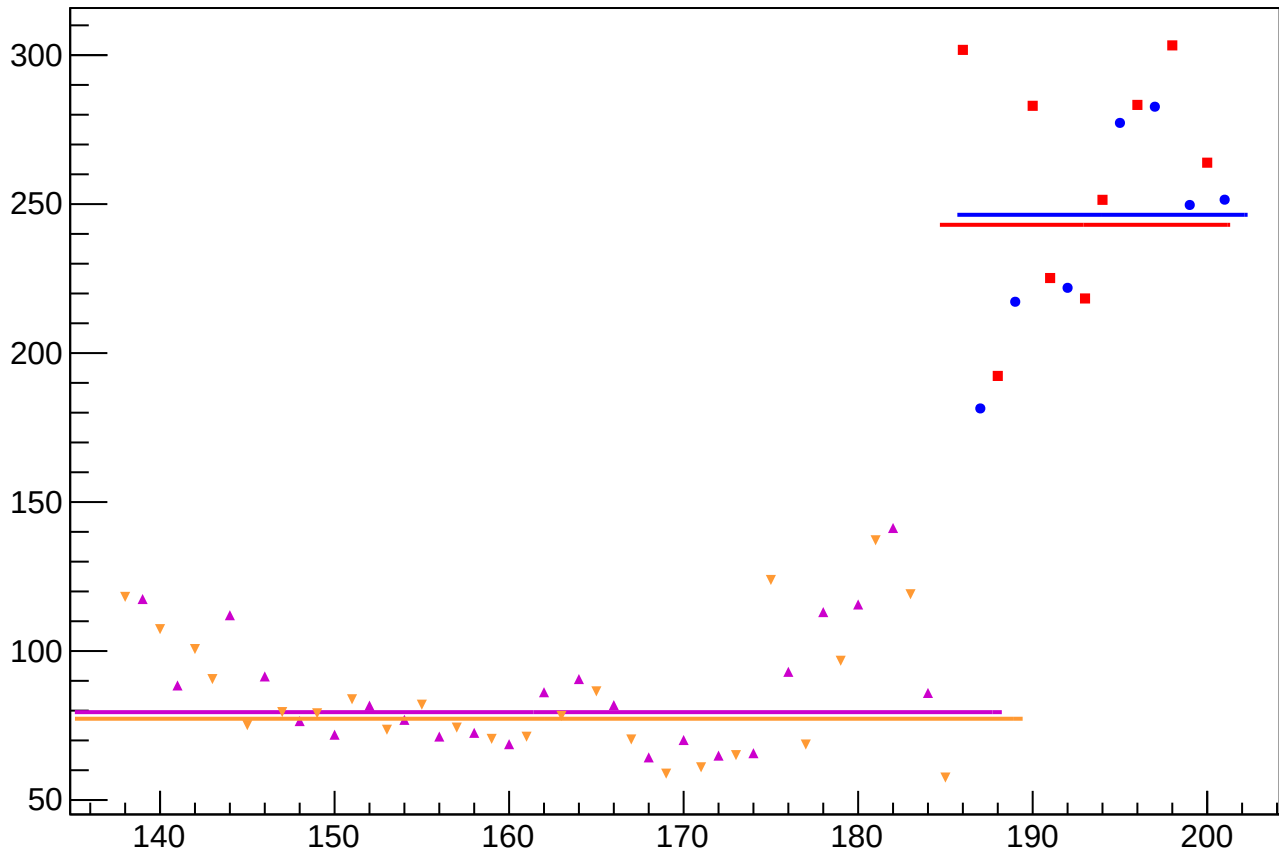
Left In: -91.028 ± 19.637 χ^2/NDF : 32.6/22

+ sign 61.908 ± 18.505 χ^2/NDF : 35.9/31

All: -7.903 ± 13.353 χ^2/NDF : 116.9/63

- sign -83.741 ± 19.287 χ^2/NDF : 51.3/31

dit_asym_sam_37_avg_rms vs Slug



Right In: 246.410 $\pm$ 0.085 χ^2 /NDF: 111432.0/6

Left Out: 77.280 $\pm$ 0.013 χ^2 /NDF:1553410.1/24

Right Out: 243.051 $\pm$ 0.073 χ^2 /NDF: 290671.8/8

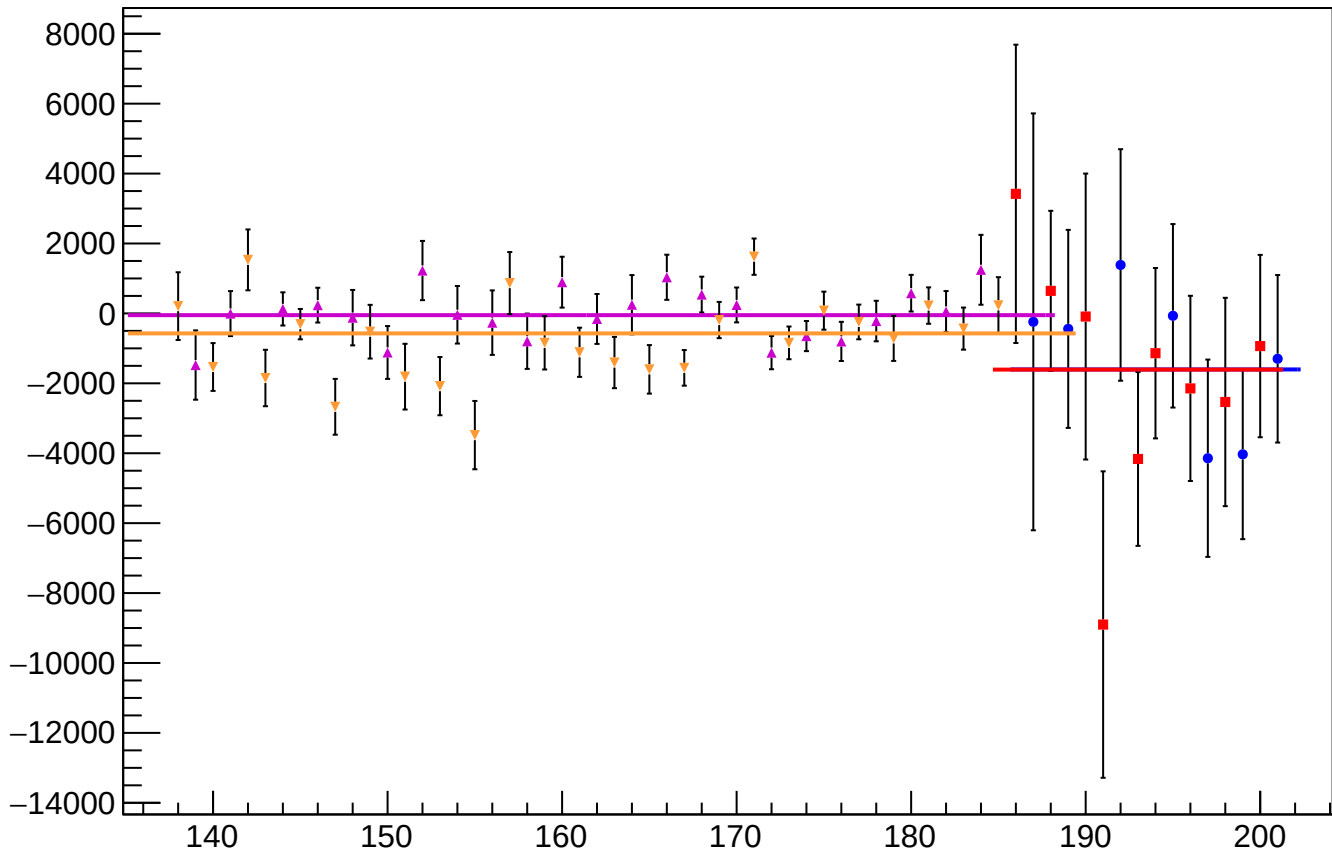
Left In: 79.491 $\pm$ 0.014 χ^2 /NDF:1333774.9/22

+ sign 81.278 $\pm$ 0.013 χ^2 /NDF: 5521113.0/31

All: 83.192 $\pm$ 0.009 χ^2 /NDF: 12093227.0/63

- sign 85.271 $\pm$ 0.014 χ^2 /NDF: 6527470.3/31

asym_sam_37_avg_correction_mean vs Slug



Right In: -1602.871 ± 1079.183 χ^2/NDF : 3.2/6

Left Out: -571.669 ± 128.158 χ^2/NDF : 66.8/24

Right Out: -1607.488 ± 957.910 χ^2/NDF : 6.6/8

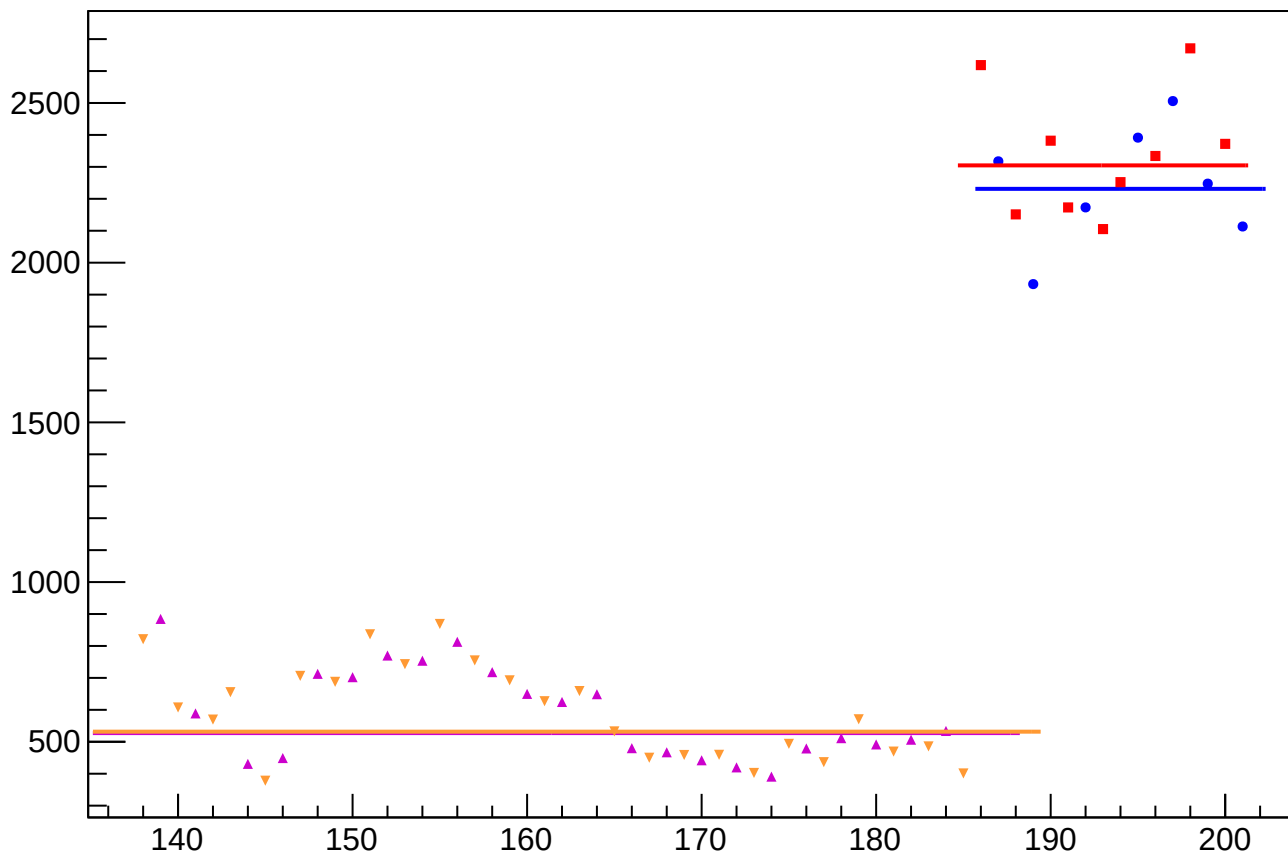
Left In: -50.077 ± 129.187 χ^2/NDF : 26.1/22

+ sign -586.009 ± 127.264 χ^2/NDF : 70.9/31

All: -333.474 ± 90.258 χ^2/NDF : 114.1/63

- sign -77.897 ± 128.028 χ^2/NDF : 35.3/31

asym_sam_37_avg_correction_rms vs Slug



Right In: 2231.162 $\pm$ 0.763 χ^2 /NDF: 54559.7/6

Left Out: 531.643 $\pm$ 0.091 χ^2 /NDF: 2038304.3/24

Right Out: 2304.637 $\pm$ 0.677 χ^2 /NDF: 67951.9/8

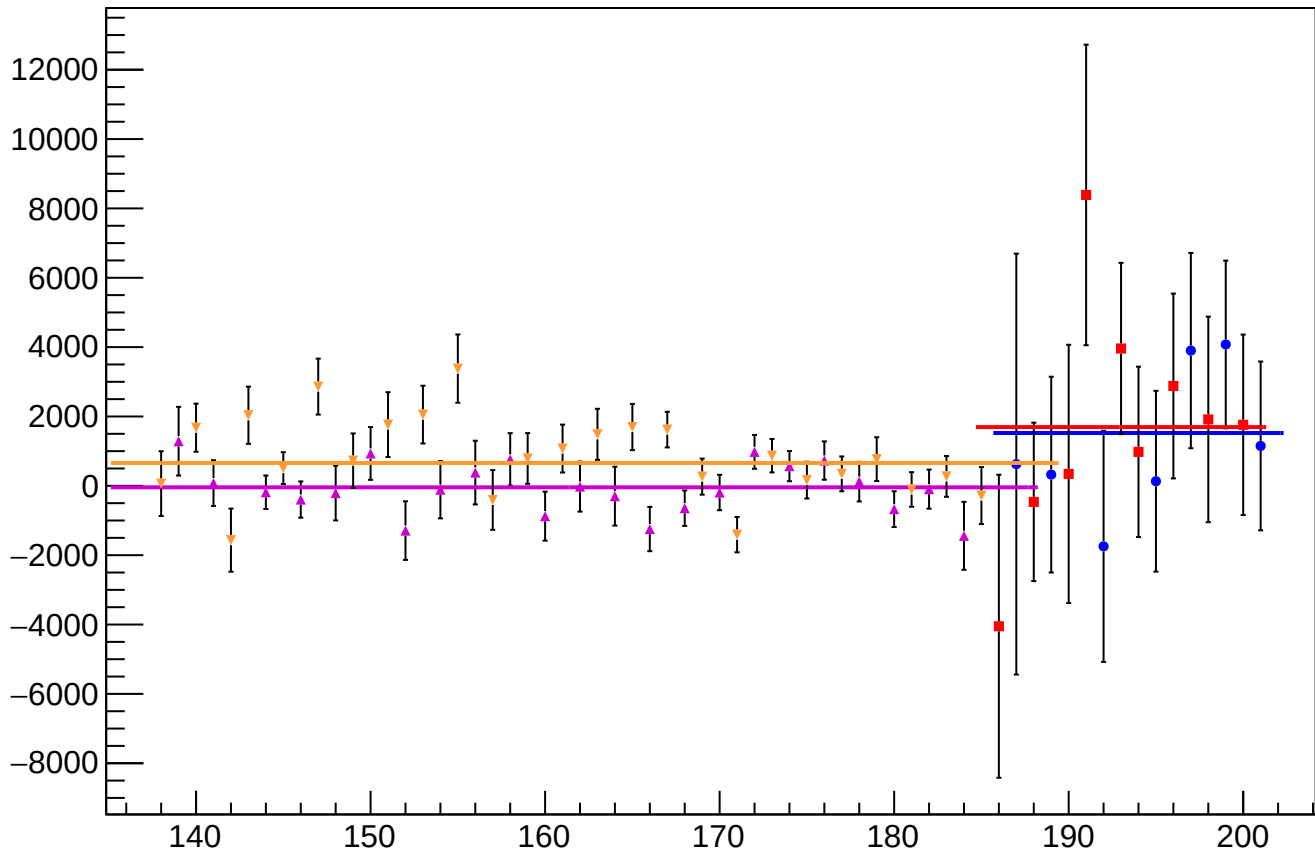
Left In: 527.182 $\pm$ 0.091 χ^2 /NDF: 1813383.7/22

+ sign 555.277 $\pm$ 0.090 χ^2 /NDF: 6984005.0/31

All: 557.094 $\pm$ 0.064 χ^2 /NDF: 15629322.7/63

- sign 558.933 $\pm$ 0.091 χ^2 /NDF: 8644497.4/31

asym_sam_37_avg_mean vs Slug



Right In: 1523.402 $\pm$ 1081.066 χ^2 /NDF: 3.3/6

Left Out: 659.523 $\pm$ 128.164 χ^2 /NDF: 62.4/24

Right Out: 1694.063 $\pm$ 952.894 χ^2 /NDF: 6.3/8

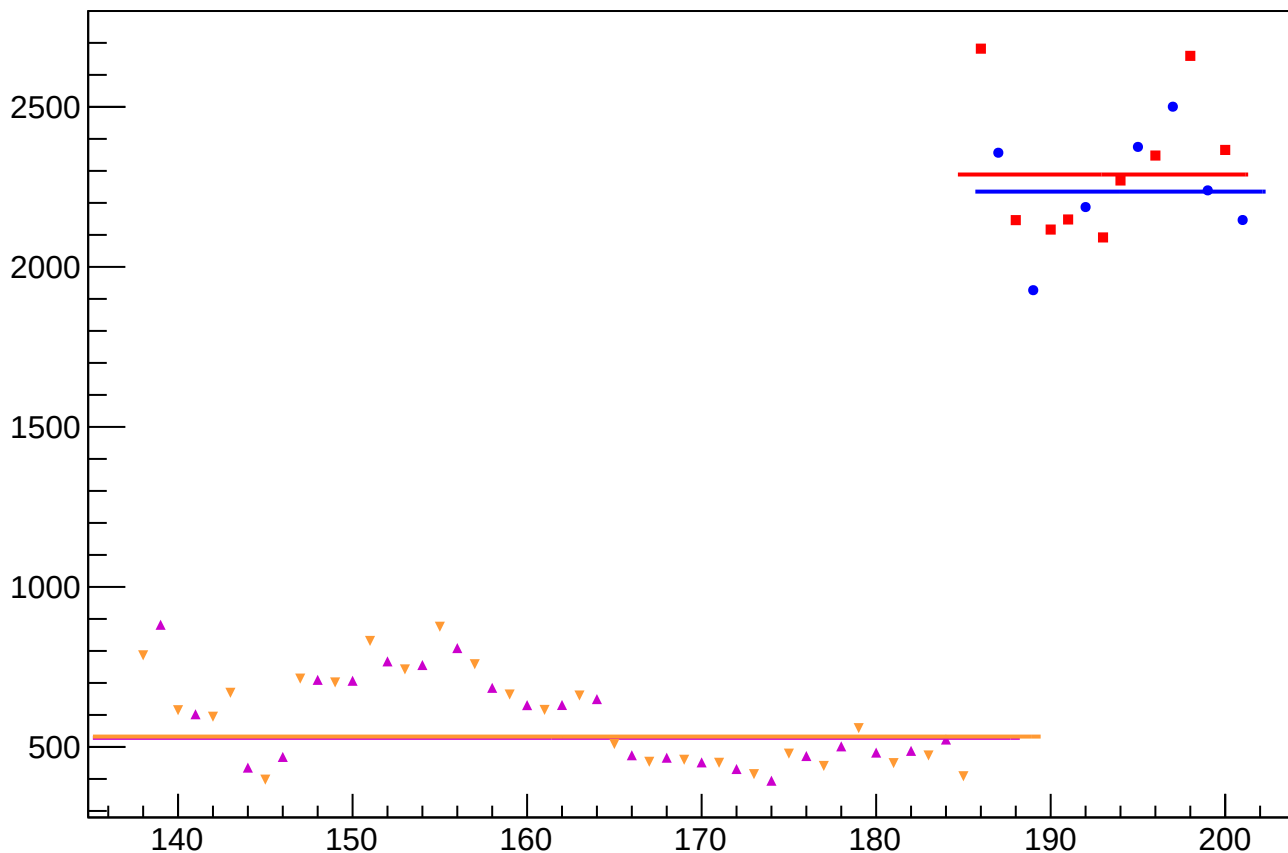
Left In: -43.183 $\pm$ 129.538 χ^2 /NDF: 26.0/22

+ sign 671.497 $\pm$ 127.273 χ^2 /NDF: 66.3/31

All: 332.815 $\pm$ 90.377 χ^2 /NDF: 116.2/63

- sign -11.661 $\pm$ 128.357 χ^2 /NDF: 35.6/31

asym_sam_37_avg_rms vs Slug



Right In: 2235.258 $\pm$ 0.764 χ^2 /NDF: 51177.8/6

Left Out: 532.393 $\pm$ 0.091 χ^2 /NDF:1943066.8/24

Right Out: 2288.683 $\pm$ 0.674 χ^2 /NDF: 77164.8/8

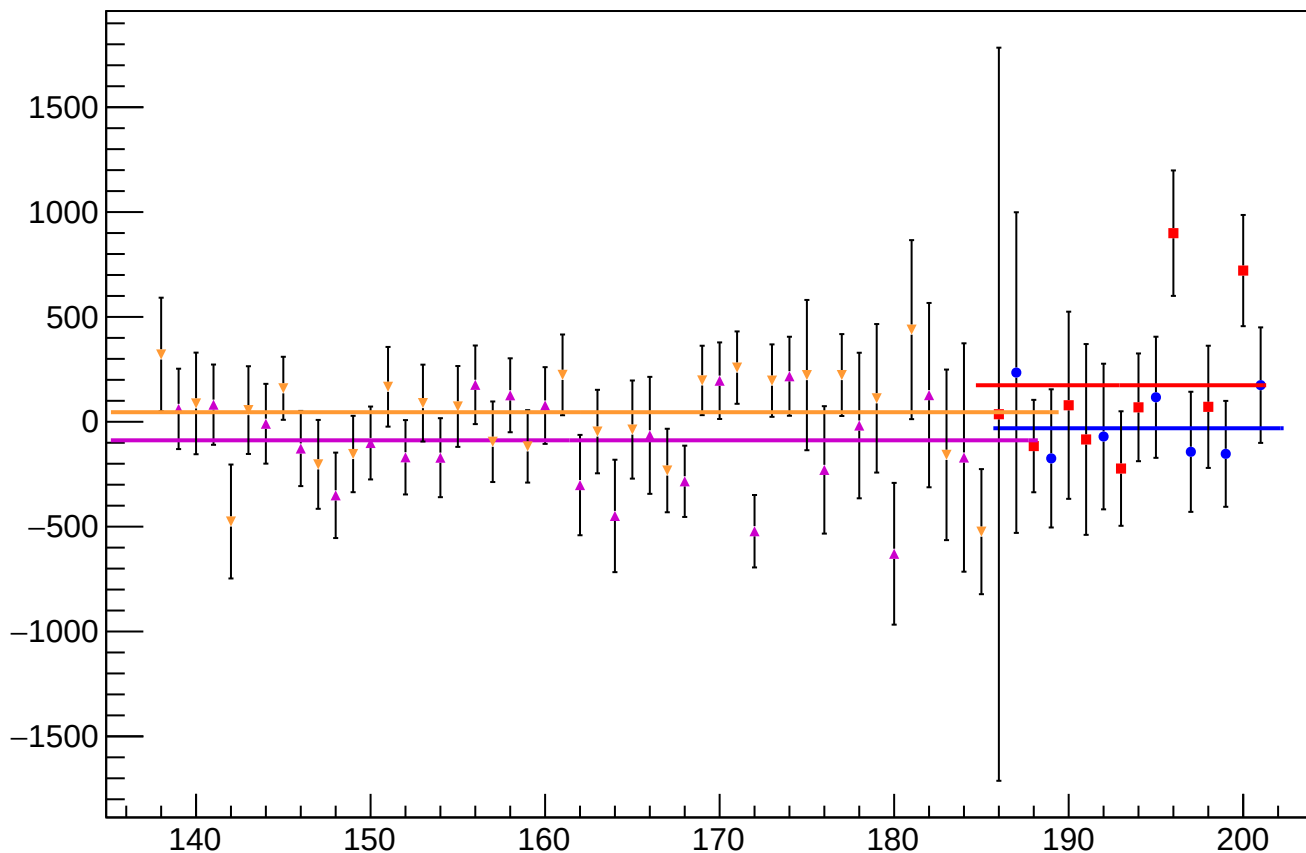
Left In: 528.464 $\pm$ 0.092 χ^2 /NDF:1712049.5/22

+ sign 555.995 $\pm$ 0.090 χ^2 /NDF: 6887803.1/31

All: 558.180 $\pm$ 0.064 χ^2 /NDF: 15378928.8/63

- sign 560.403 $\pm$ 0.091 χ^2 /NDF: 8489936.0/31

dit_asym_sam_48_avg_mean vs Slug



Right In: -30.843 ± 117.628 χ^2/NDF : 1.5/6

Left Out: 45.675 ± 41.779 χ^2/NDF : 21.9/24

Right Out: 174.218 ± 101.778 χ^2/NDF : 14.6/8

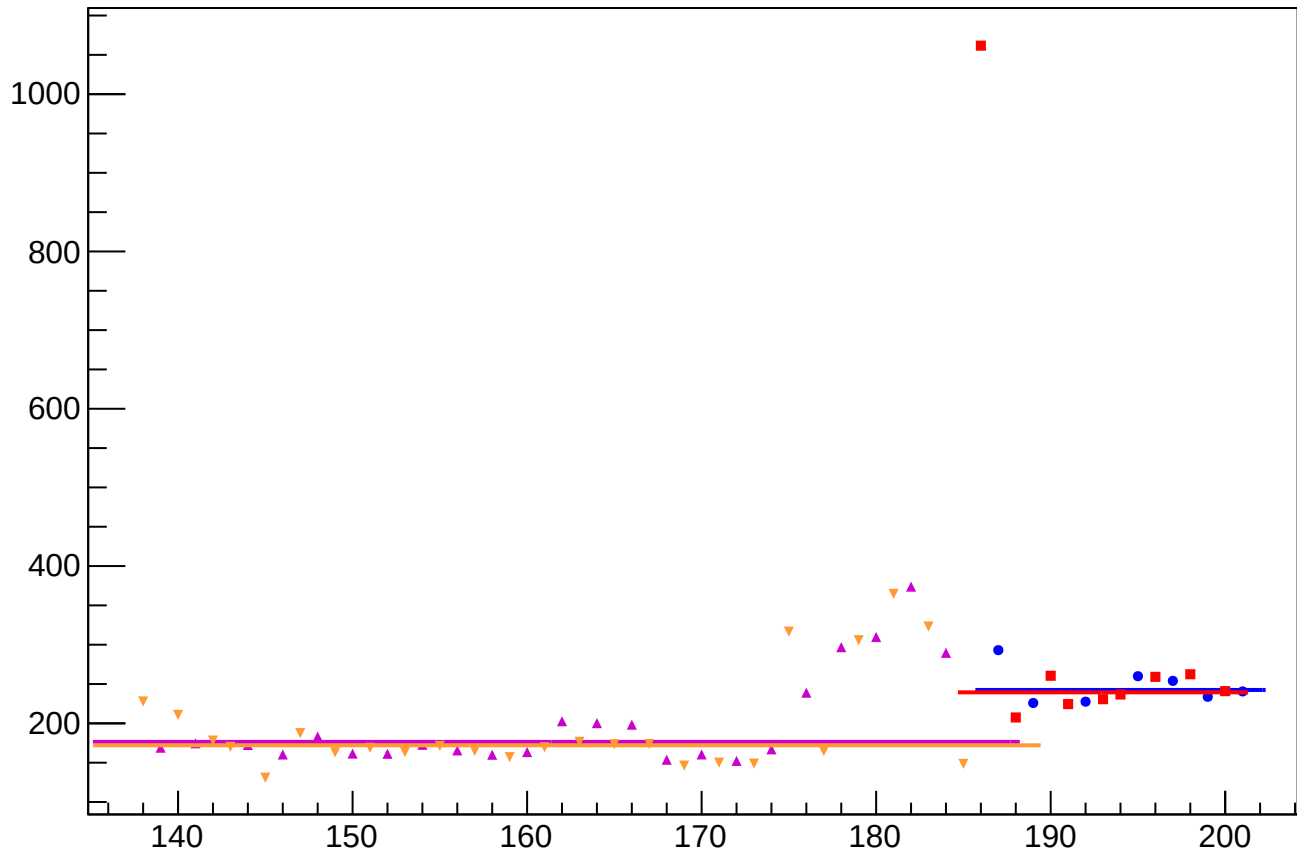
Left In: -88.356 ± 43.518 χ^2/NDF : 26.4/22

+ sign 37.104 ± 39.369 χ^2/NDF : 23.8/31

All: -4.644 ± 28.063 χ^2/NDF : 72.7/63

- sign -47.771 ± 40.014 χ^2/NDF : 46.6/31

dit_asym_sam_48_avg_rms vs Slug



Right In: 242.458 ± 0.083 χ^2/NDF : 30550.0/6

Left Out: 172.097 ± 0.030 χ^2/NDF : 1752497.1/24

Right Out: 239.425 ± 0.072 χ^2/NDF : 514768.7/8

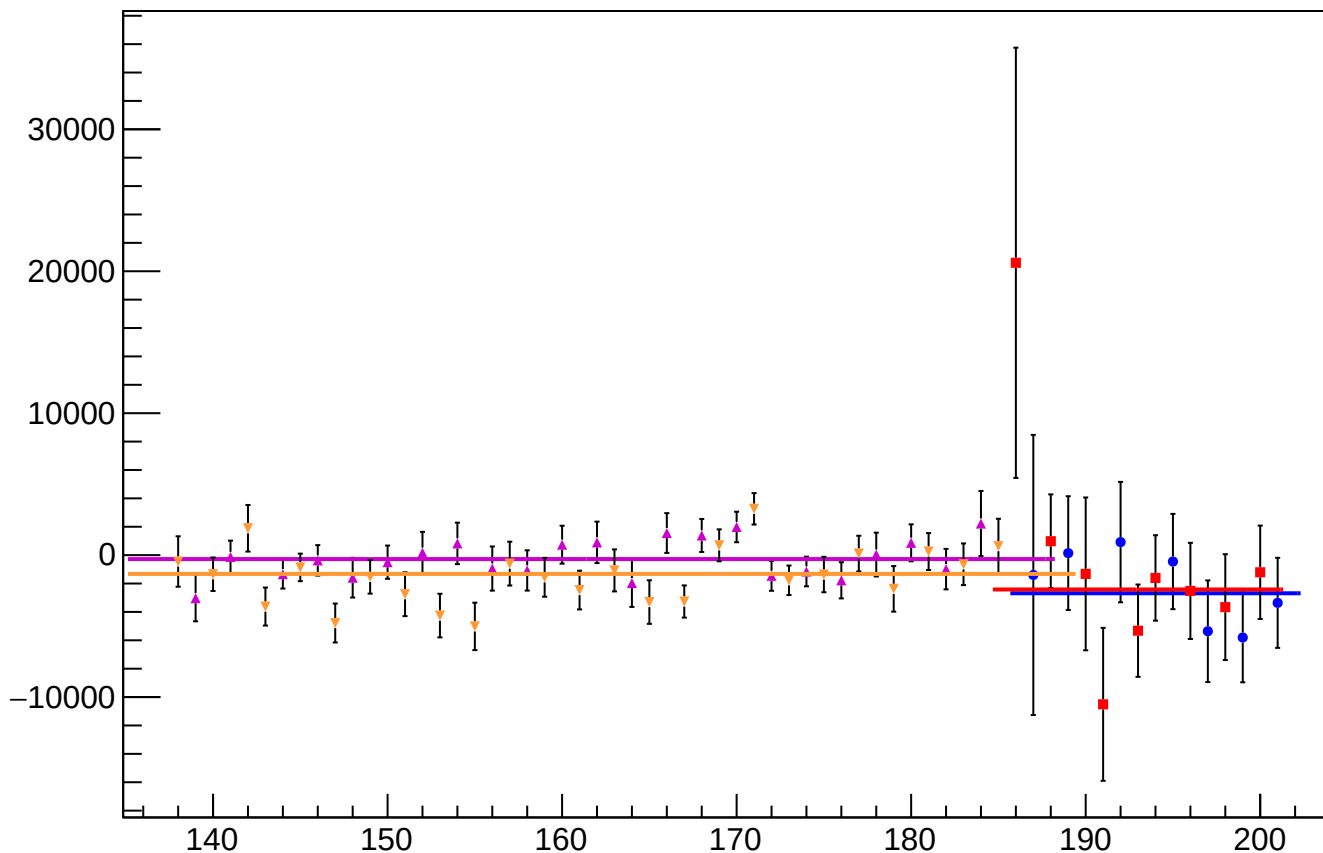
Left In: 176.425 ± 0.031 χ^2/NDF : 1360607.7/22

+ sign 179.979 ± 0.028 χ^2/NDF : 2418483.4/31

All: 183.020 ± 0.020 χ^2/NDF : 4965995.2/63

- sign 186.163 ± 0.028 χ^2/NDF : 2523239.7/31

asym_sam_48_avg_correction_mean vs Slug



Right In: -2686.720 ± 1421.922 χ^2/NDF : 3.3/6

Left Out: -1324.367 ± 265.950 χ^2/NDF : 53.6/24

Right Out: -2418.862 ± 1268.513 χ^2/NDF : 6.8/8

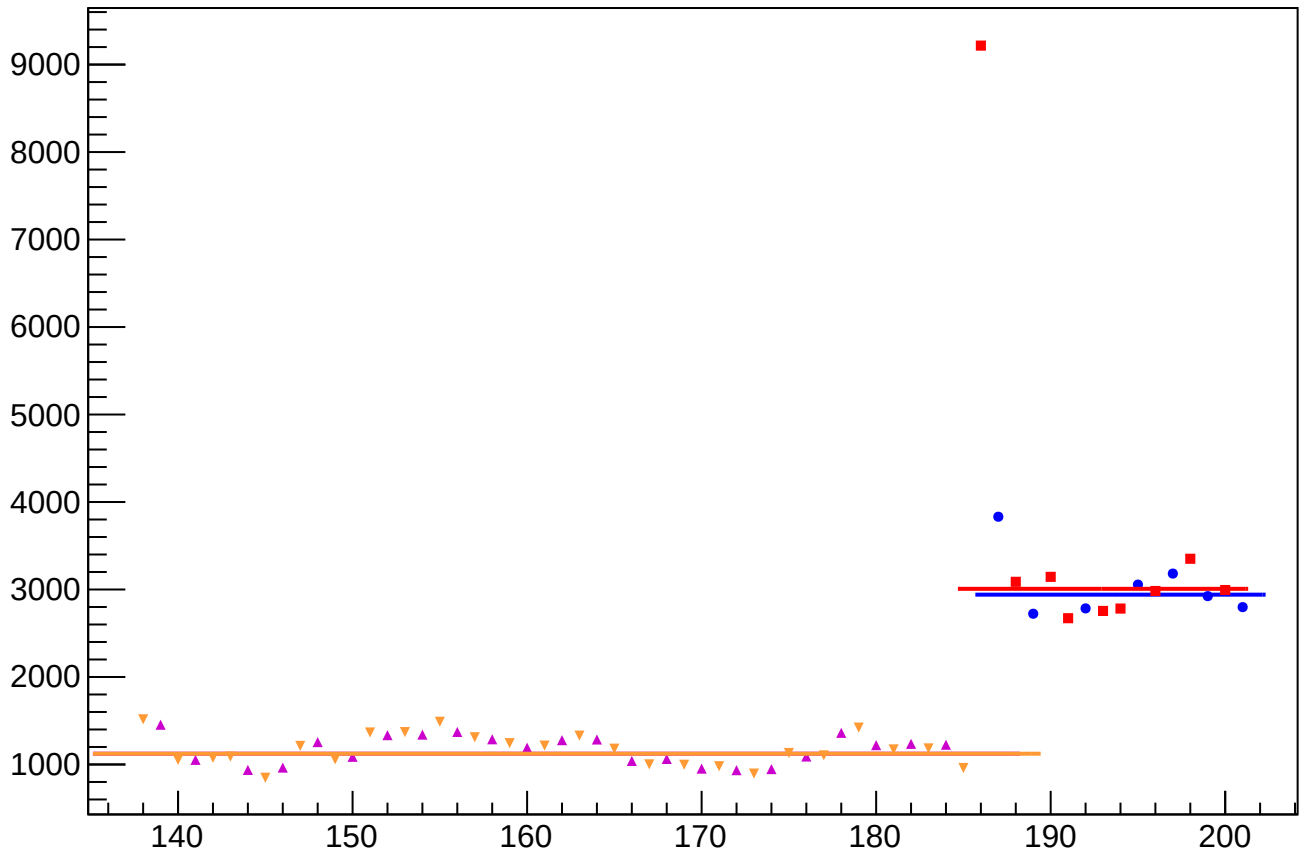
Left In: -276.678 ± 270.547 χ^2/NDF : 22.0/22

+ sign -1370.414 ± 261.417 χ^2/NDF : 57.8/31

All: -876.194 ± 185.963 χ^2/NDF : 96.5/63

- sign -369.881 ± 264.596 χ^2/NDF : 31.5/31

asym_sam_48_avg_correction_rms vs Slug



Right In: 2940.978 ± 1.005 χ^2/NDF : 40457.5/6

Left Out: 1123.022 ± 0.188 χ^2/NDF : 842393.5/24

Right Out: 3007.779 ± 0.897 χ^2/NDF : 386350.4/8

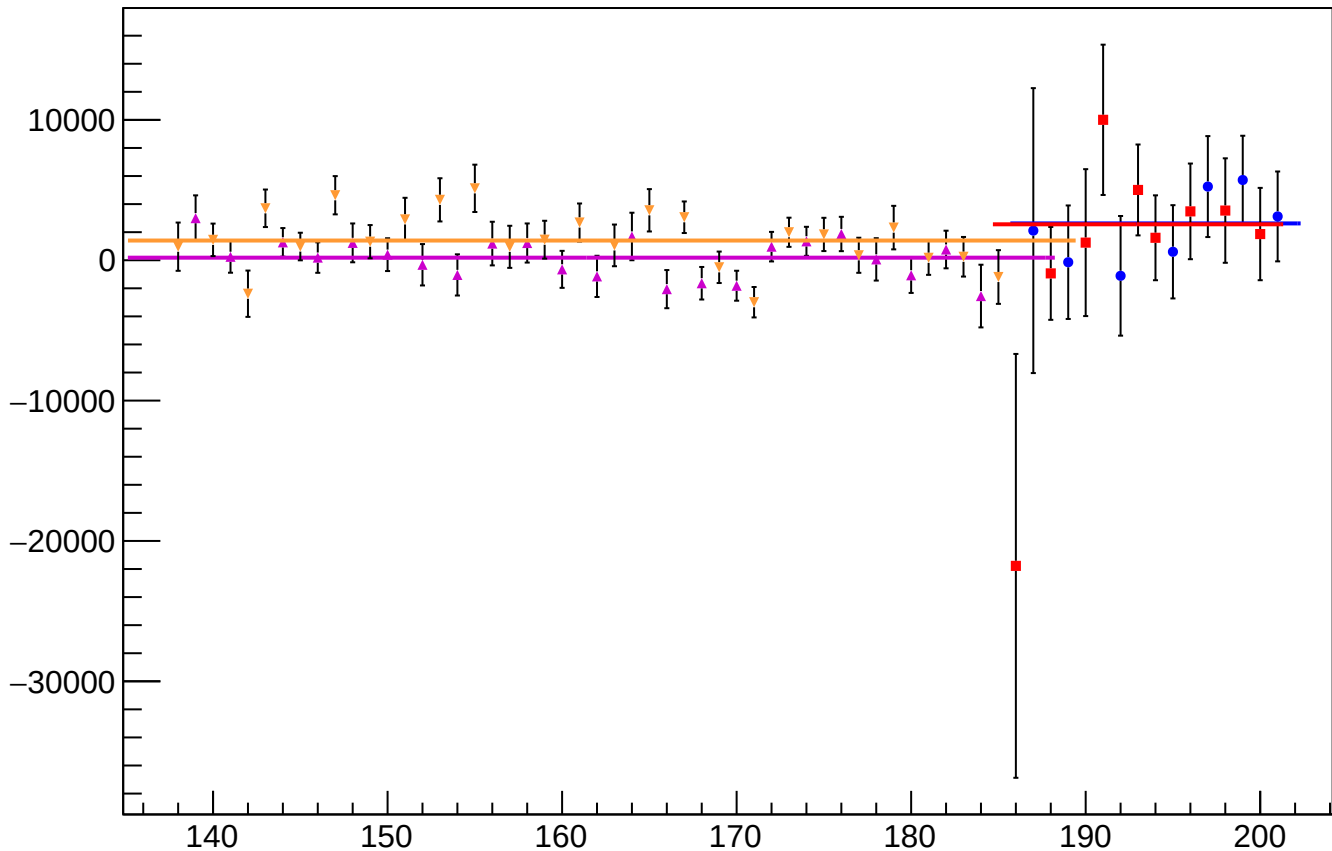
Left In: 1123.148 ± 0.191 χ^2/NDF : 689778.4/22

+ sign 1184.469 ± 0.185 χ^2/NDF : 4041577.0/31

All: 1194.682 ± 0.131 χ^2/NDF : 9346427.0/63

- sign 1205.145 ± 0.187 χ^2/NDF : 5298669.5/31

asym_sam_48_avg_mean vs Slug



Right In: 2624.074 ± 1425.811 χ^2/NDF : 3.1/6

Left Out: 1404.763 ± 262.517 χ^2/NDF : 53.1/24

Right Out: 2561.105 ± 1267.375 χ^2/NDF : 6.6/8

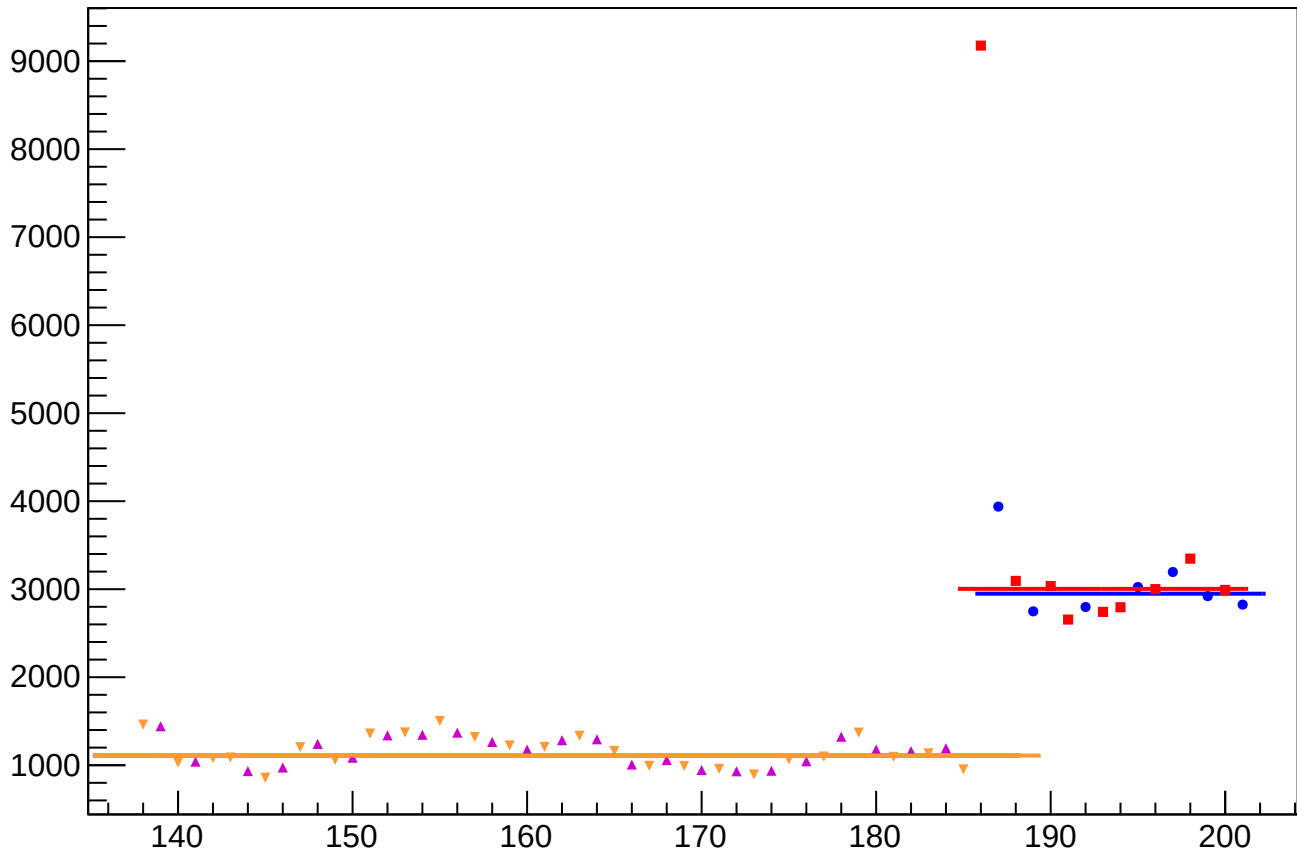
Left In: 183.249 ± 267.620 χ^2/NDF : 23.7/22

+ sign 1444.742 ± 258.178 χ^2/NDF : 57.0/31

All: 872.928 ± 183.842 χ^2/NDF : 100.6/63

- sign 284.749 ± 261.846 χ^2/NDF : 33.6/31

asym_sam_48_avg_rms vs Slug



Right In: 2948.898+/-1.008 χ^2/NDF : 40026.2/6

Left Out: 1109.574+/-0.186 χ^2/NDF : 812957.8/24

Right Out: 3004.017+/-0.896 χ^2/NDF : 383883.1/8

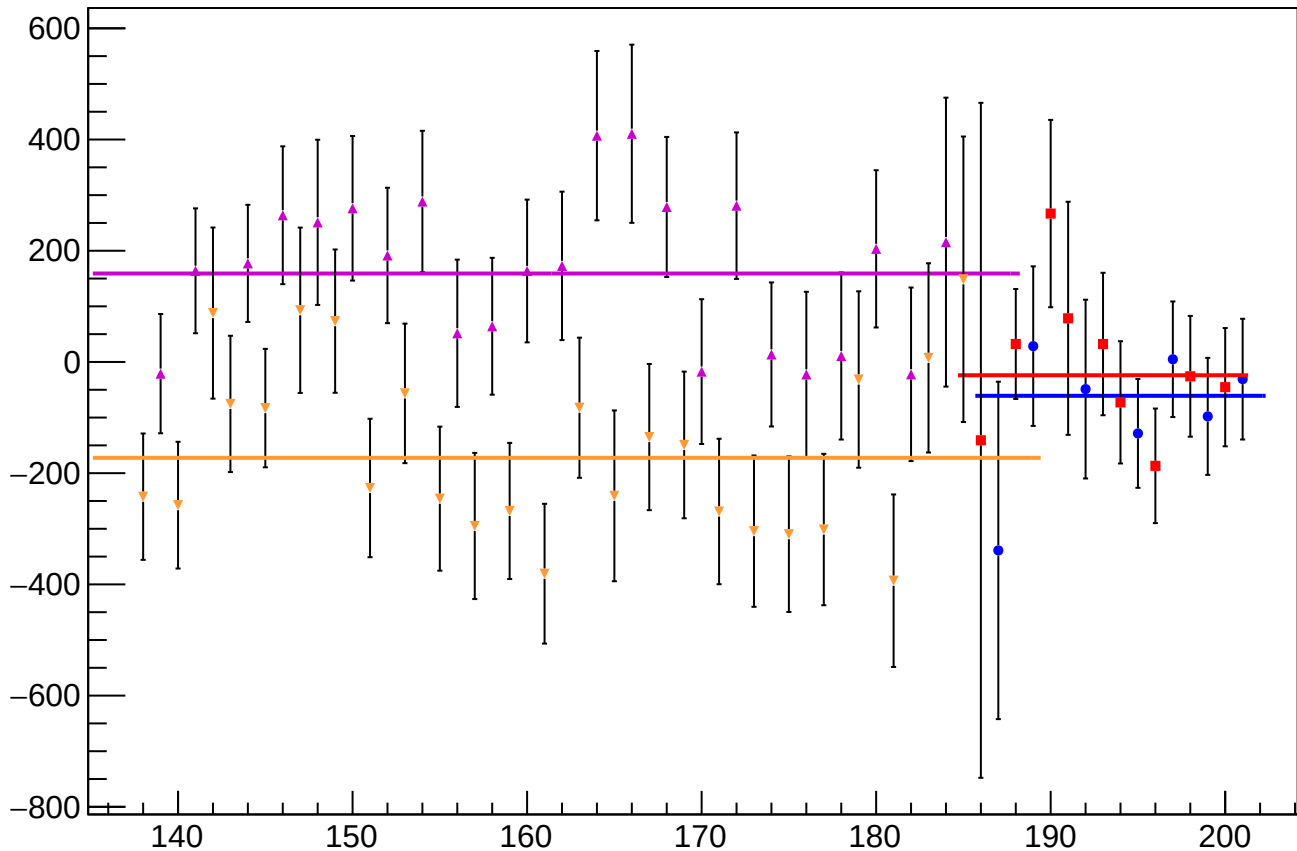
Left In: 1110.162+/-0.189 χ^2/NDF : 673229.2/22

+ sign 1169.882+/-0.183 χ^2/NDF : 4072156.3/31

All: 1180.293+/-0.130 χ^2/NDF : 9411179.2/63

- sign 1191.003+/-0.185 χ^2/NDF : 5332425.0/31

dit_asym_sam_15_dd_mean vs Slug



Right In: -60.854 $\pm$ 46.109 χ^2/NDF : 2.3/6

Left Out: -172.357 $\pm$ 26.709 χ^2/NDF : 27.2/24

Right Out: -23.901 $\pm$ 41.733 χ^2/NDF : 6.5/8

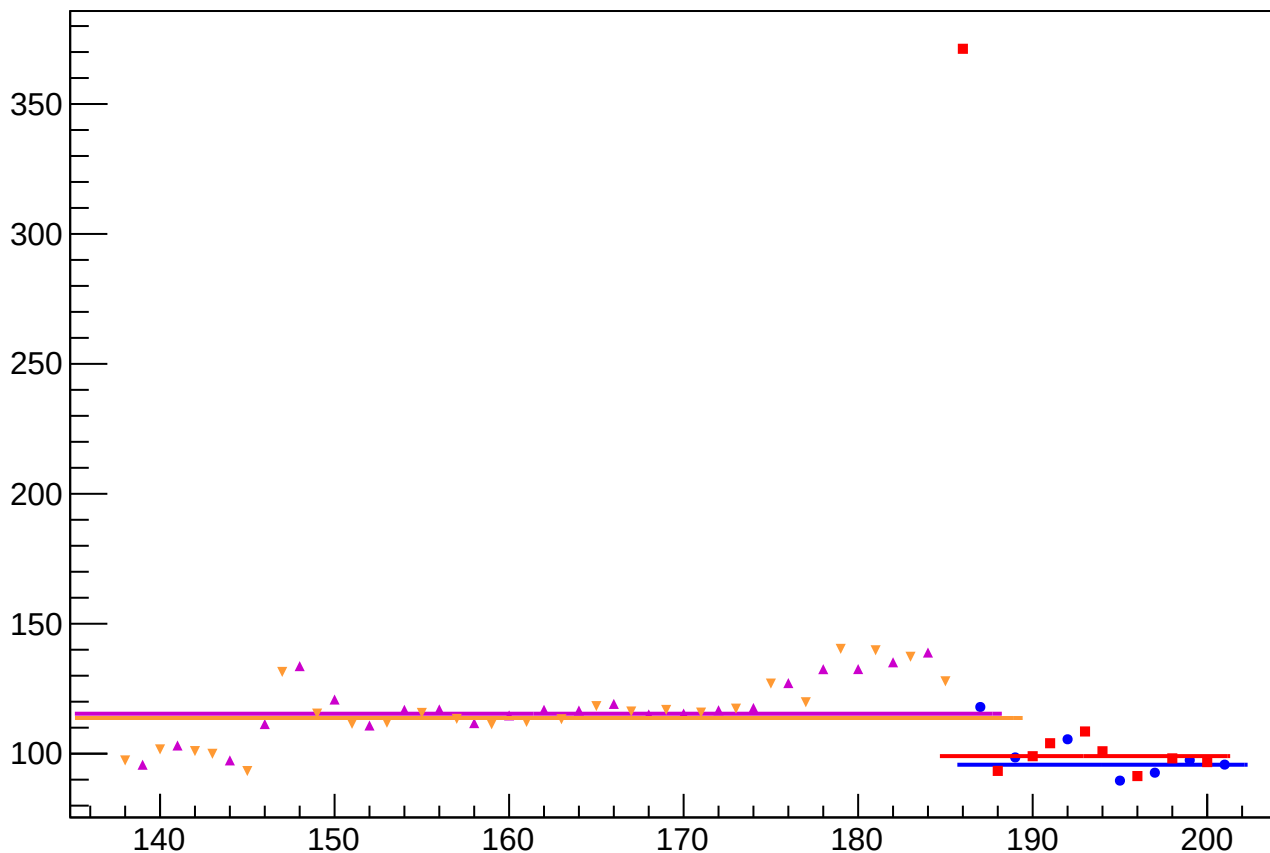
Left In: 159.044 $\pm$ 27.608 χ^2/NDF : 21.1/22

+ sign -144.343 $\pm$ 23.112 χ^2/NDF : 33.9/31

All: -20.032 $\pm$ 16.312 χ^2/NDF : 132.5/63

- sign 103.352 $\pm$ 23.025 χ^2/NDF : 40.9/31

dit_asym_sam_15_dd_rms vs Slug



Right In: 95.742 ± 0.033 χ^2/NDF : 29042.4/6

Left Out: 113.727 ± 0.019 χ^2/NDF : 392153.8/24

Right Out: 99.061 ± 0.030 χ^2/NDF : 433710.2/8

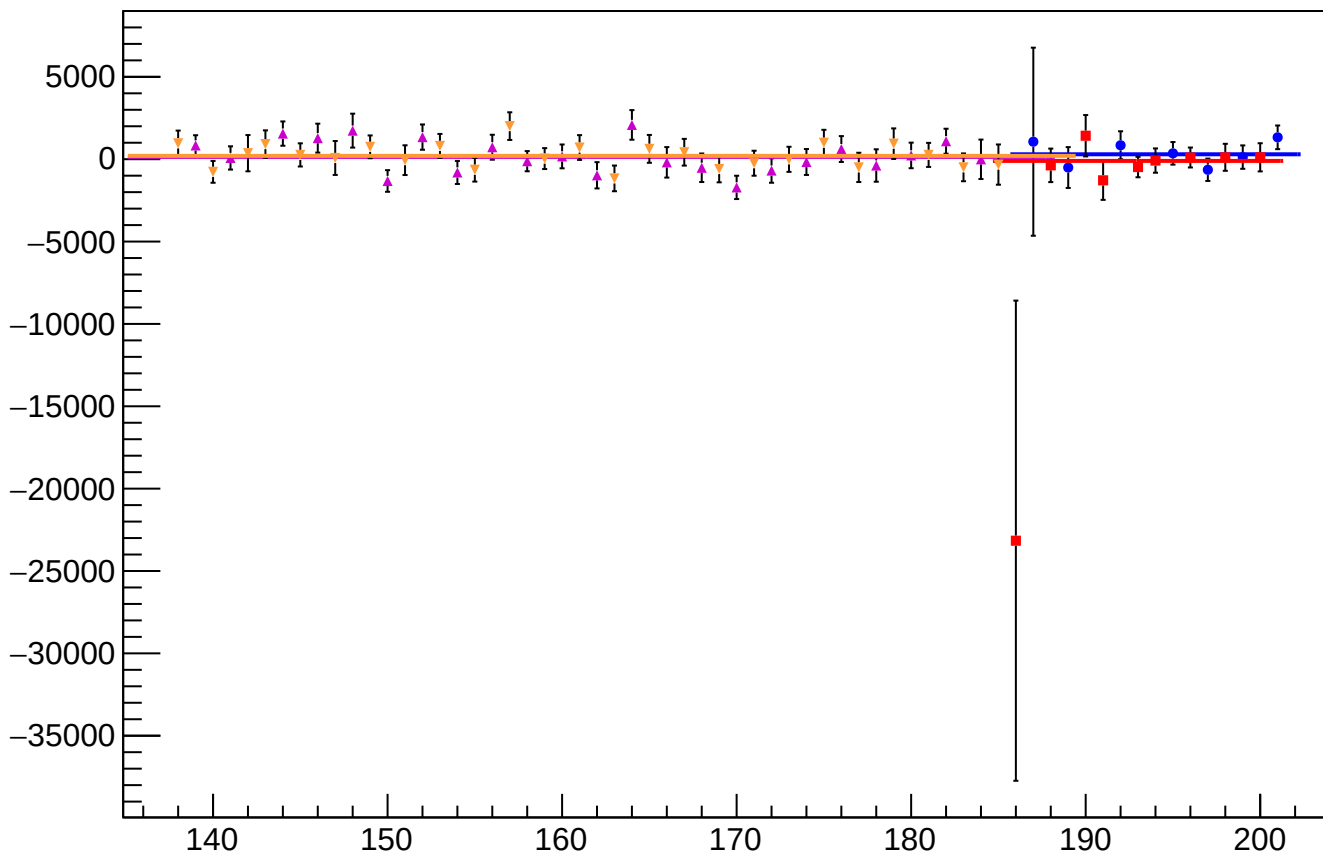
Left In: 115.377 ± 0.020 χ^2/NDF : 309034.7/22

+ sign 109.208 ± 0.016 χ^2/NDF : 649045.2/31

All: 109.811 ± 0.012 χ^2/NDF : 1607142.5/63

- sign 110.410 ± 0.016 χ^2/NDF : 955385.1/31

asym_sam_15_dd_correction_mean vs Slug



Right In: 298.656+/-311.770 χ^2/NDF : 4.9/6

Left Out: 202.466+/-159.030 χ^2/NDF : 19.8/24

Right Out: -102.311+/-284.599 χ^2/NDF : 5.7/8

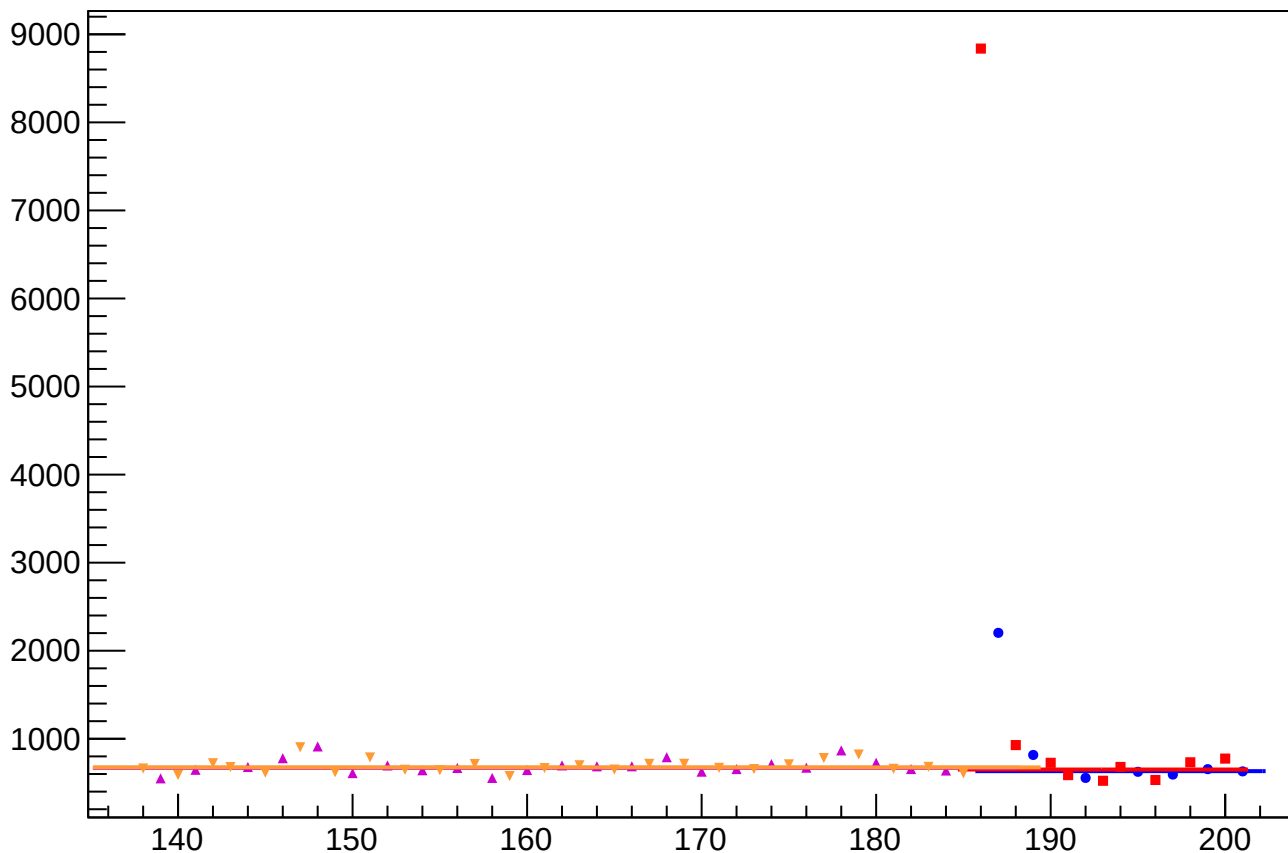
Left In: 140.039+/-161.024 χ^2/NDF : 36.9/22

+ sign 222.326+/-141.664 χ^2/NDF : 24.7/31

All: 151.039+/-99.631 χ^2/NDF : 68.3/63

- sign 81.271+/-140.147 χ^2/NDF : 43.1/31

asym_sam_15_dd_correction_rms vs Slug



Right In: 632.540 $\pm$ 0.220 χ^2 /NDF: 220701.9/6

Left Out: 675.335 $\pm$ 0.112 χ^2 /NDF: 358713.6/24

Right Out: 650.992 $\pm$ 0.201 χ^2 /NDF: 1019743.9/8

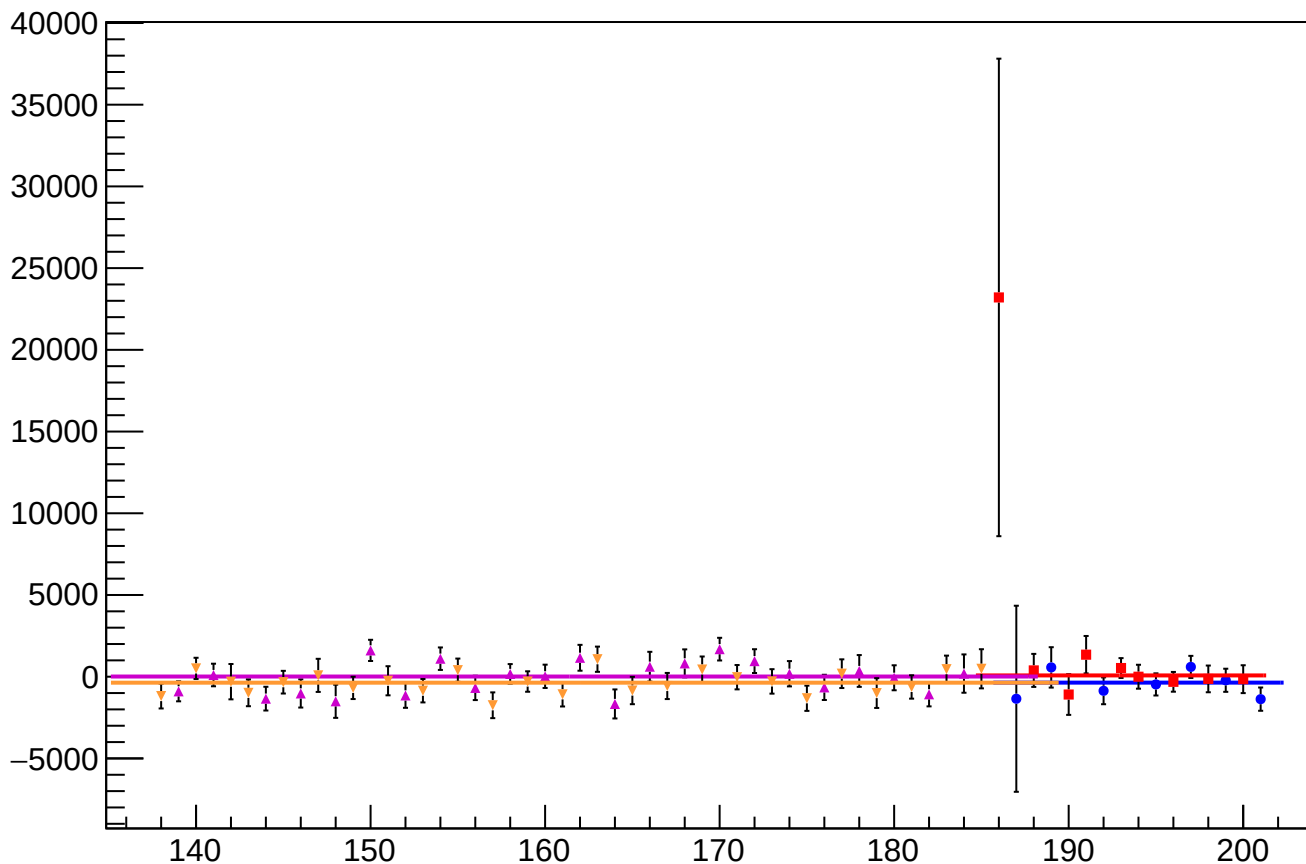
Left In: 669.938 $\pm$ 0.114 χ^2 /NDF: 464085.7/22

+ sign 666.499 $\pm$ 0.100 χ^2 /NDF: 609318.1/31

All: 665.915 $\pm$ 0.070 χ^2 /NDF: 2099928.7/63

- sign 665.343 $\pm$ 0.099 χ^2 /NDF: 1490543.3/31

asym_sam_15_dd_mean vs Slug



Right In: -362.053 $\pm$ 308.379 χ^2/NDF : 5.1/6

Left Out: -365.394 $\pm$ 156.301 χ^2/NDF :18.7/24

Right Out: 78.649 $\pm$ 281.841 χ^2/NDF : 5.8/8

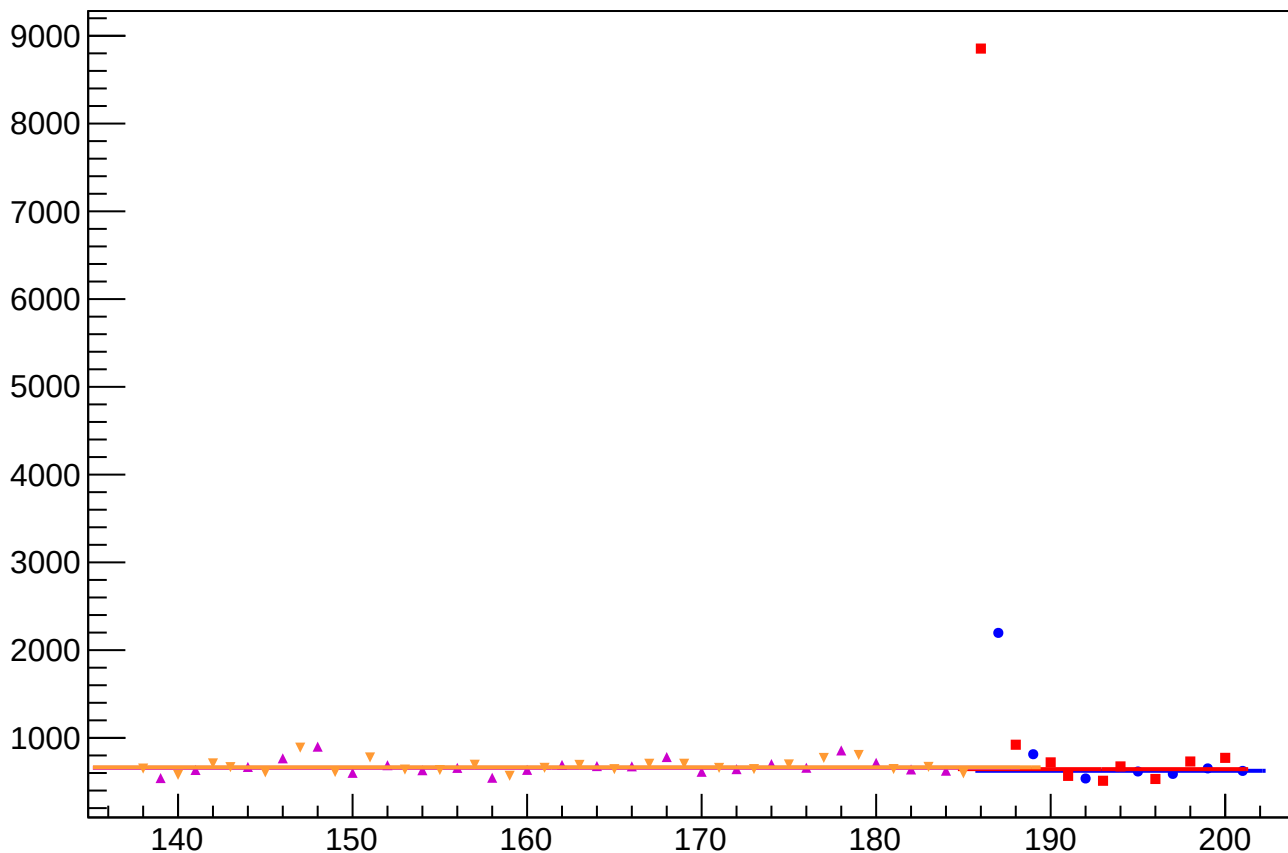
Left In: 11.243 $\pm$ 158.497 χ^2/NDF :38.8/22

+ sign -364.711 $\pm$ -139.416 χ^2/NDF : 23.8/31

All: -166.848 $\pm$ -98.131 χ^2/NDF : 72.5/63

- sign 27.439 $\pm$ -138.150 χ^2/NDF : 44.7/31

asym_sam_15_dd_rms vs Slug



Right In: 625.163 $\pm$ 0.218 χ^2 /NDF: 230670.1/6

Left Out: 664.618 $\pm$ 0.111 χ^2 /NDF: 356964.3/24

Right Out: 644.055 $\pm$ 0.199 χ^2 /NDF: 1035851.2/8

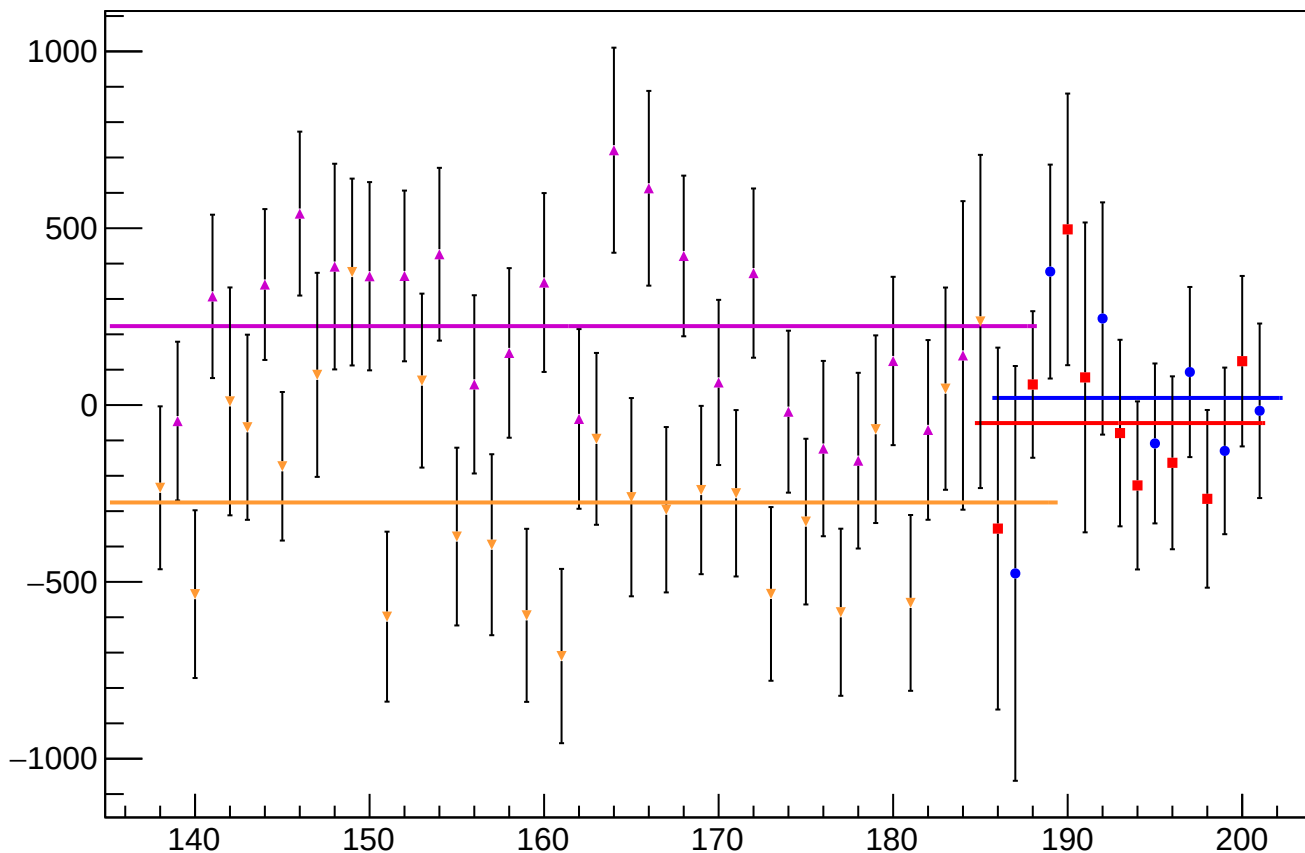
Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

+ sign 656.554 $\pm$ 0.099 χ^2 /NDF: 613682.4/31

All: 656.065 $\pm$ 0.069 χ^2 /NDF: 2126732.1/63

- sign 655.584 $\pm$ 0.098 χ^2 /NDF: 1513000.9/31

dit_asym_sam_26_dd_mean vs Slug



Right In: 20.131 $\pm$ 102.924 χ^2 /NDF: 3.4/6

Left Out: -275.447 $\pm$ 50.539 χ^2 /NDF: 27.3/24

Right Out: -50.937 $\pm$ 90.923 χ^2 /NDF: 4.8/8

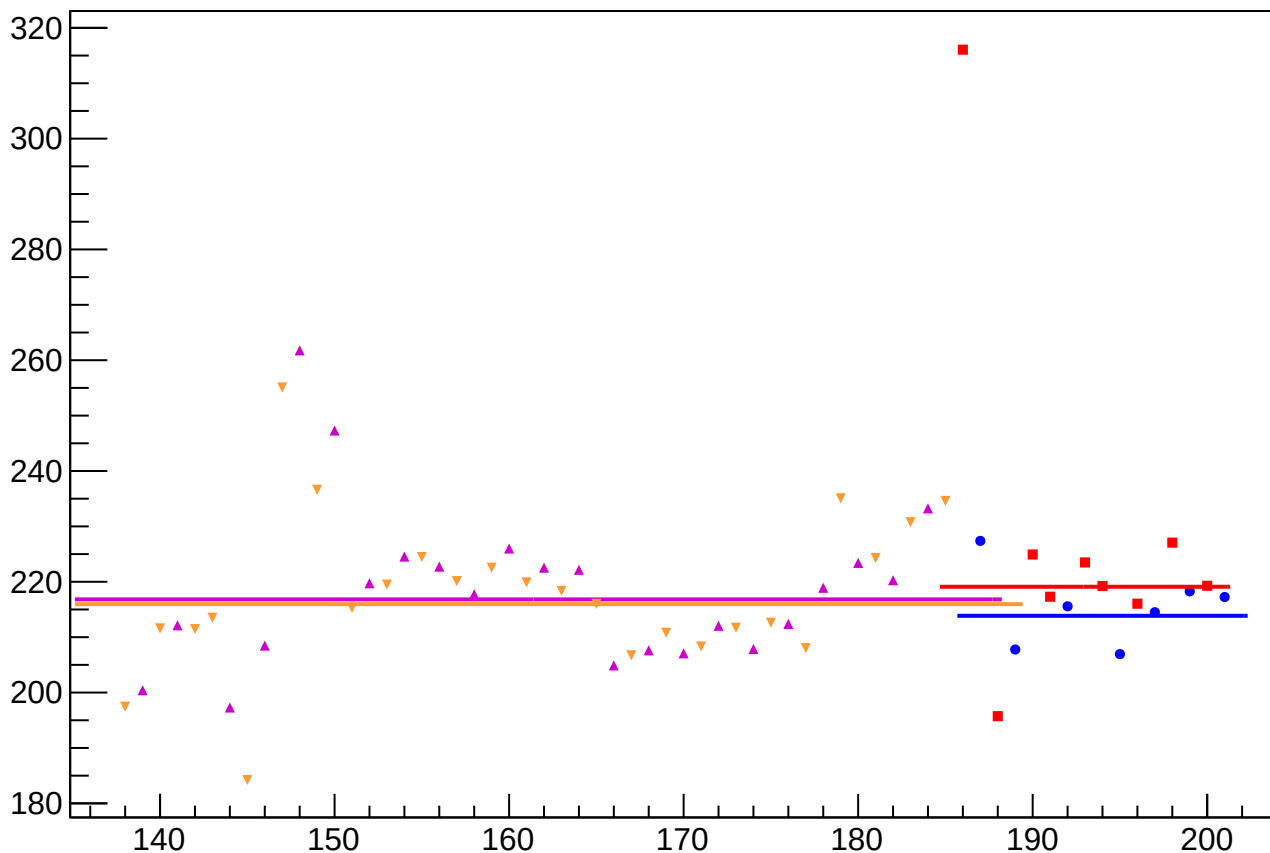
Left In: 223.195 $\pm$ 51.742 χ^2 /NDF: 20.8/22

+ sign -218.023 $\pm$ 45.365 χ^2 /NDF: 37.4/31

All: -29.306 $\pm$ 31.937 χ^2 /NDF: 104.1/63

- sign 156.136 $\pm$ 44.970 χ^2 /NDF: 32.4/31

dit_asym_sam_26_dd_rms vs Slug



Right In: 213.860 $\pm$ 0.073 χ^2 /NDF: 4891.3/6

Left Out: 215.963 $\pm$ 0.036 χ^2 /NDF: 144735.1/24

Right Out: 219.103 $\pm$ 0.064 χ^2 /NDF: 100603.0/8

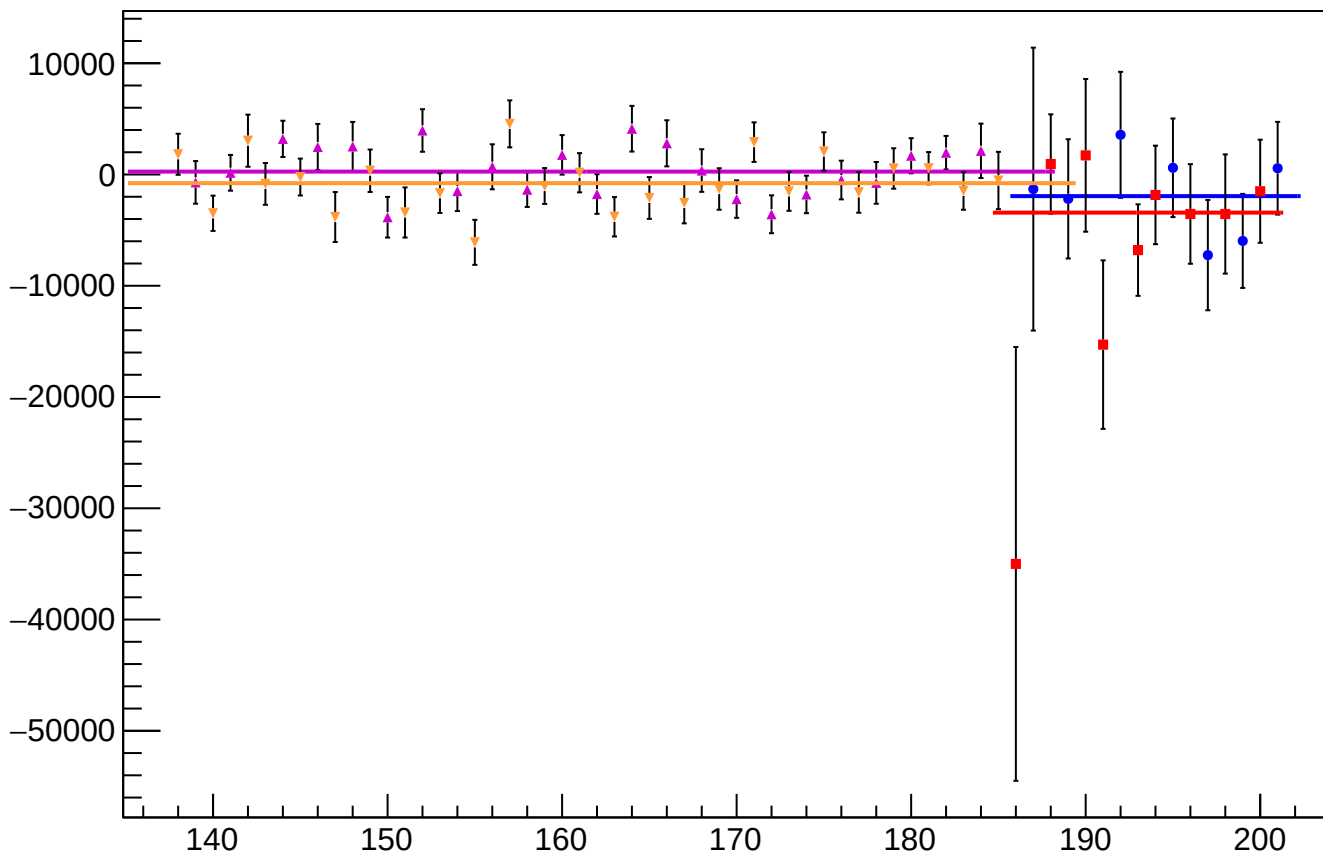
Left In: 216.821 $\pm$ 0.037 χ^2 /NDF: 132518.8/22

+ sign 215.555 $\pm$ 0.032 χ^2 /NDF: 150299.5/31

All: 216.475 $\pm$ 0.023 χ^2 /NDF: 386005.6/63

- sign 217.379 $\pm$ 0.032 χ^2 /NDF: 234073.8/31

asym_sam_26_dd_correction_mean vs Slug



Right In: -1942.816 ± 1898.801 χ^2/NDF : 3.7/6

Left Out: -779.146 ± 366.965 χ^2/NDF : 38.5/24

Right Out: -3426.750 ± 1733.130 χ^2/NDF : 7.6/8

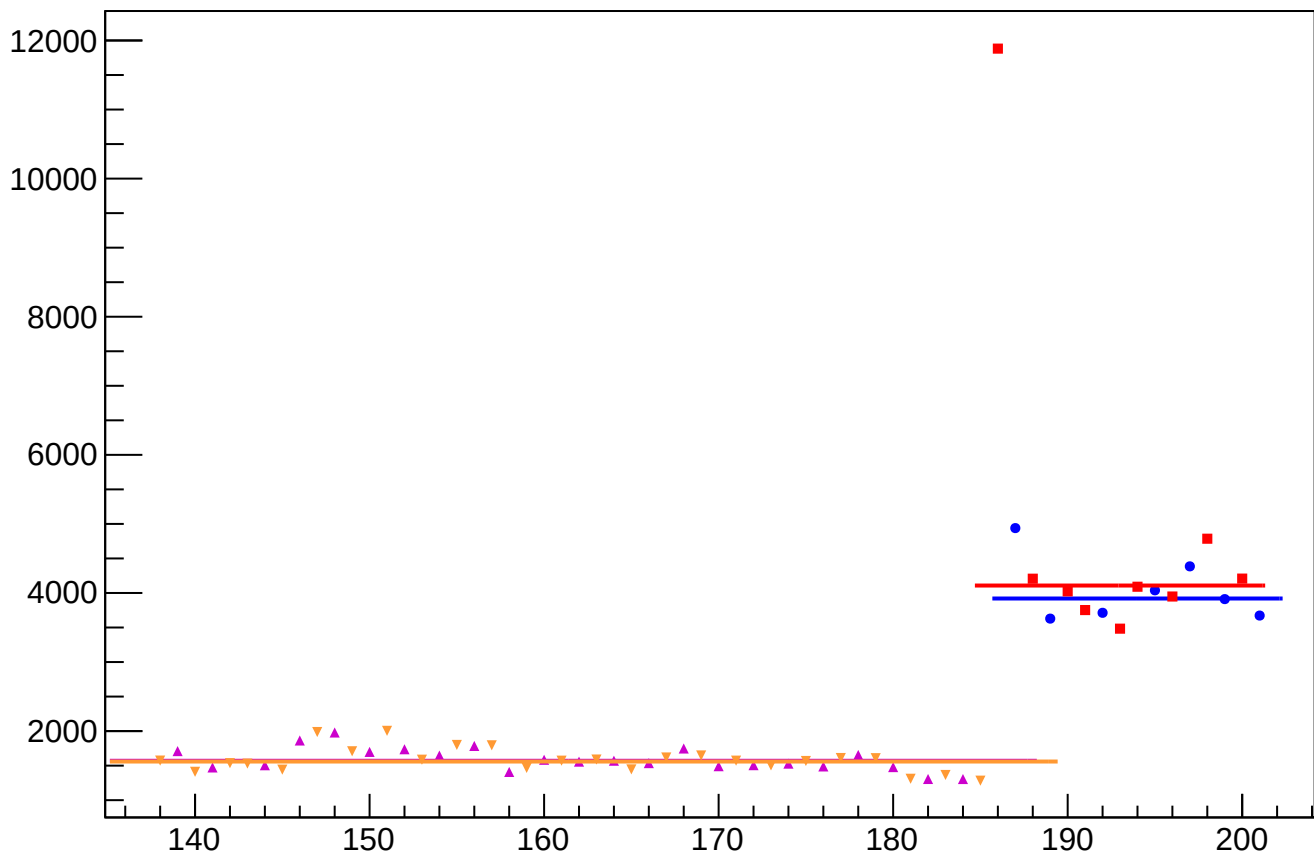
Left In: 261.815 ± 376.203 χ^2/NDF : 35.4/22

+ sign -821.044 ± 360.298 χ^2/NDF : 42.5/31

All: -371.850 ± 257.326 χ^2/NDF : 93.0/63

- sign 95.839 ± 367.641 χ^2/NDF : 47.3/31

asym_sam_26_dd_correction_rms vs Slug



Right In: 3919.932 ± 1.343 χ^2/NDF : 47546.0/6

Left Out: 1559.504 ± 0.259 χ^2/NDF : 379160.1/24

Right Out: 4107.783 ± 1.226 χ^2/NDF : 405386.3/8

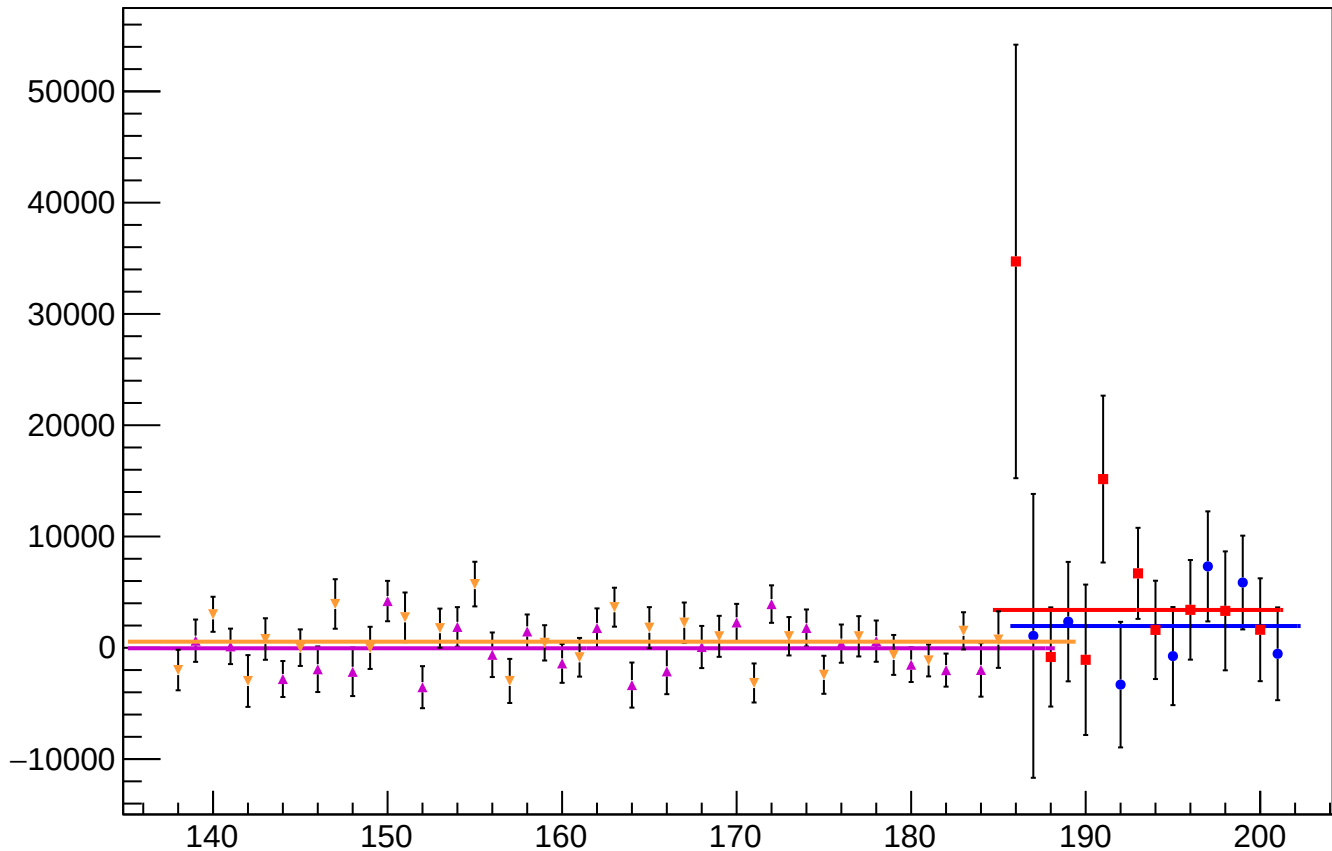
Left In: 1570.331 ± 0.266 χ^2/NDF : 329434.5/22

+ sign 1644.492 ± 0.255 χ^2/NDF : 3406094.4/31

All: 1664.097 ± 0.182 χ^2/NDF : 8247194.8/63

- sign 1684.509 ± 0.260 χ^2/NDF : 4829013.5/31

asym_sam_26_dd_mean vs Slug



Right In: 1955.827+/-1894.997 χ^2/NDF : 3.6/6

Left Out: 550.093+/-362.172 χ^2/NDF : 35.6/24

Right Out: 3400.718+/-1726.862 χ^2/NDF : 7.3/8

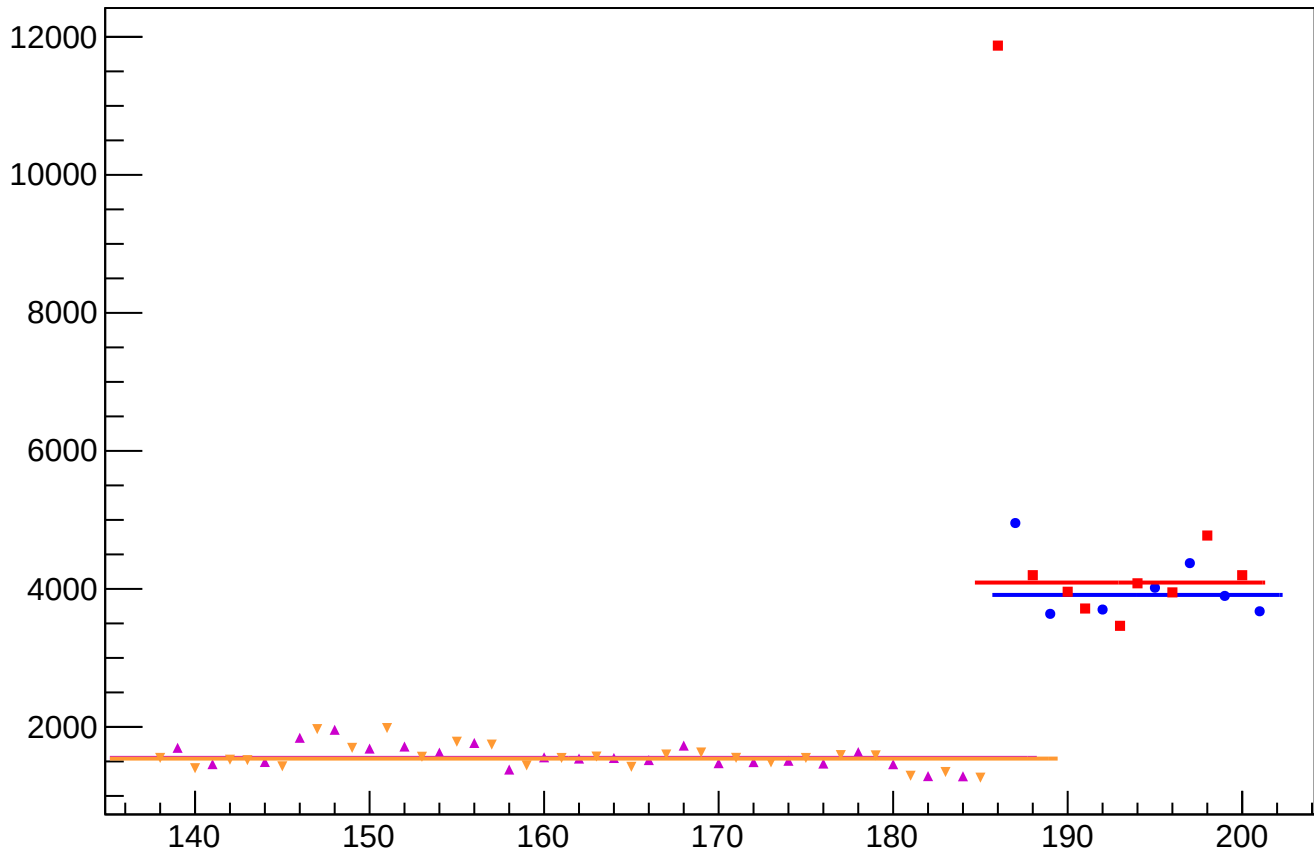
Left In: -43.949+/-371.765 χ^2/NDF : 33.5/22

+ sign 599.631+/-355.733 χ^2/NDF : 39.7/31

All: 359.390+/-254.222 χ^2/NDF : 85.3/63

- sign 108.630+/-363.439 χ^2/NDF : 44.7/31

asym_sam_26_dd_rms vs Slug



Right In: 3912.932 $\pm$ 1.340 χ^2 /NDF: 46342.9/6

Left Out: 1541.149 $\pm$ 0.256 χ^2 /NDF: 382077.8/24

Right Out: 4092.107 $\pm$ 1.221 χ^2 /NDF: 408700.0/8

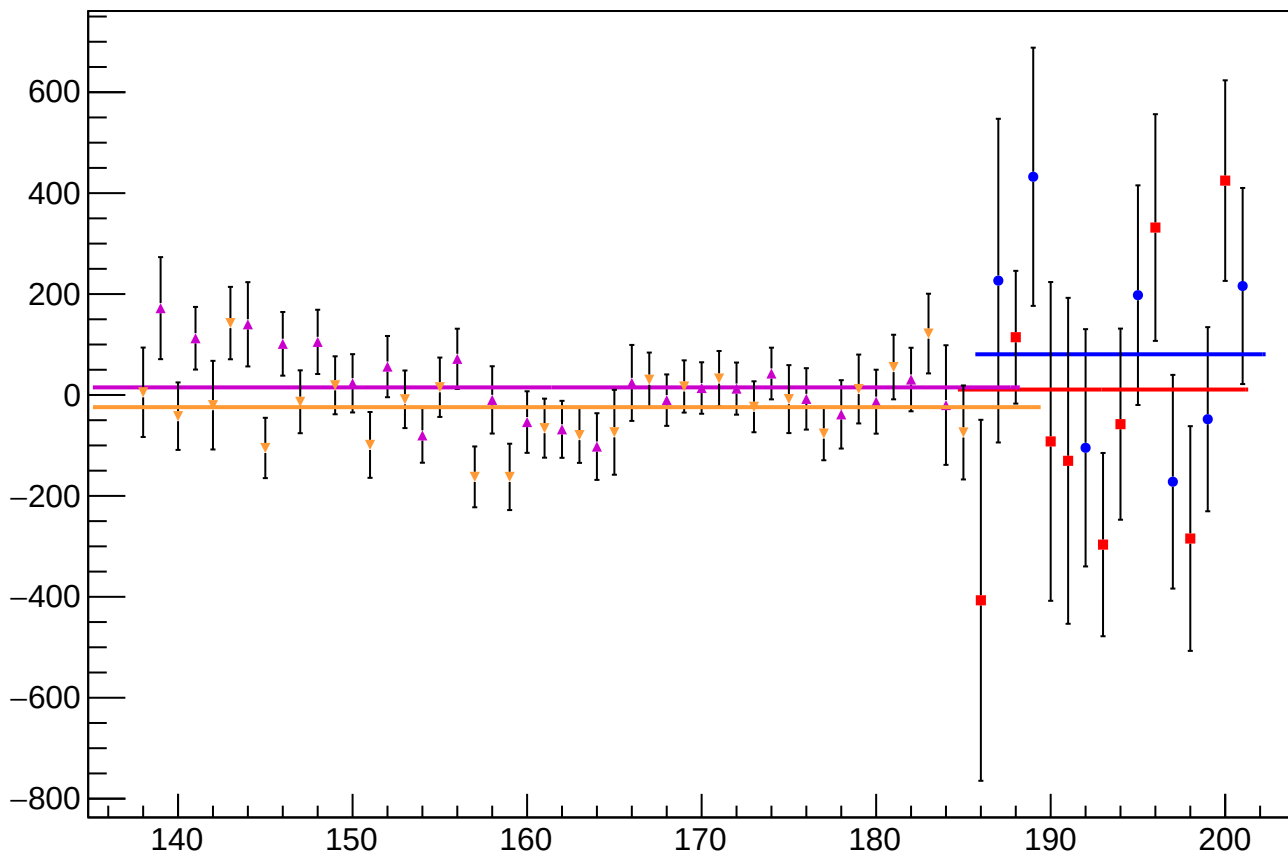
Left In: 1551.481 $\pm$ 0.263 χ^2 /NDF: 339002.9/22

+ sign 1624.730 $\pm$ 0.252 χ^2 /NDF: 3451033.0/31

All: 1643.952 $\pm$ 0.180 χ^2 /NDF: 8348004.5/63

- sign 1664.016 $\pm$ 0.257 χ^2 /NDF: 4885036.4/31

dit_asym_sam_37_dd_mean vs Slug



Right In: 80.652+/-83.618 χ^2/NDF : 5.4/6

Left Out: -24.126+/-12.525 χ^2/NDF : 30.7/24

Right Out: 10.784+/-69.214 χ^2/NDF : 13.4/8

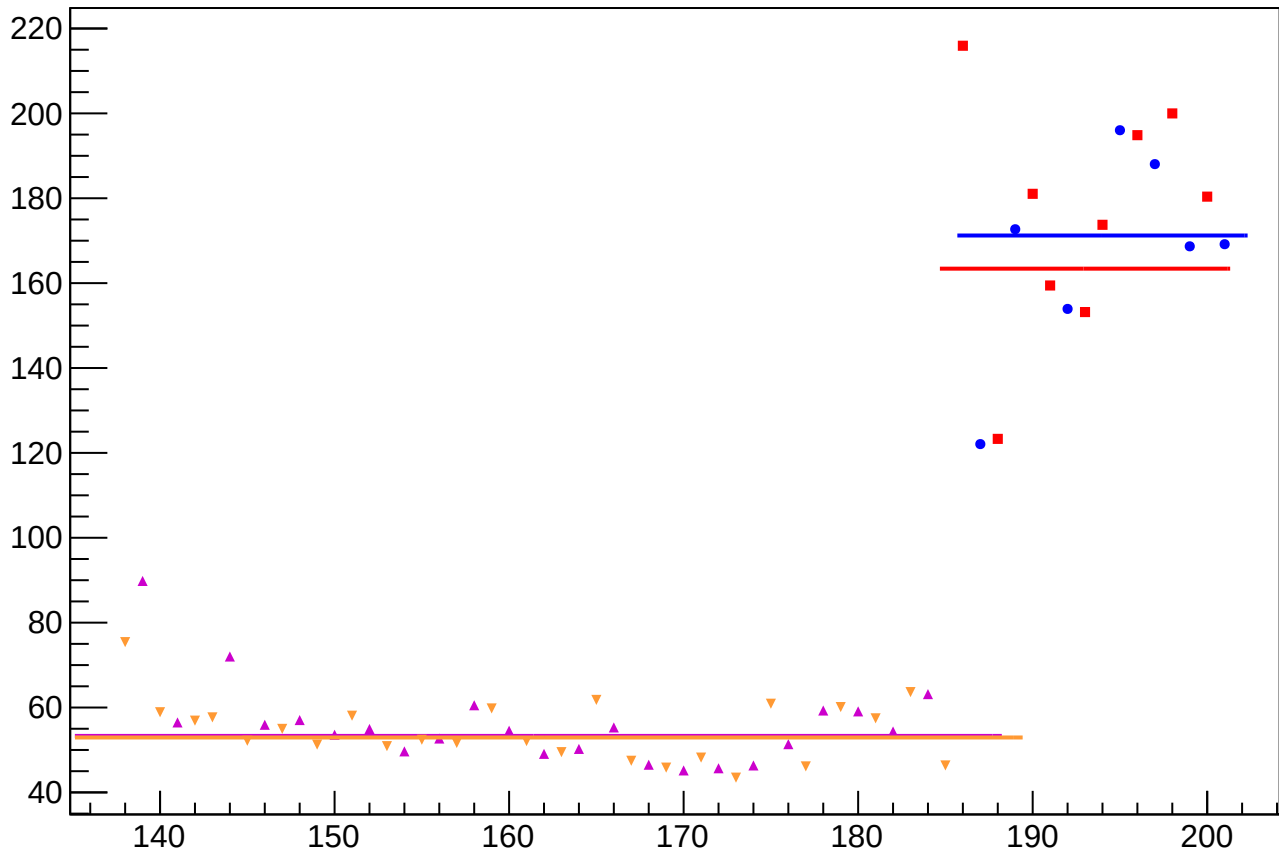
Left In: 15.058+/-12.921 χ^2/NDF : 23.8/22

+ sign -21.827+/-12.387 χ^2/NDF : 37.6/31

All: -3.918+/-8.868 χ^2/NDF : 79.2/63

- sign 14.914+/-12.702 χ^2/NDF : 37.3/31

dit_asym_sam_37_dd_rms vs Slug



Right In: 171.222 $\pm$ 0.059 χ^2 /NDF: 97066.3/6

Left Out: 52.942 $\pm$ 0.009 χ^2 /NDF: 513146.0/24

Right Out: 163.411 $\pm$ 0.049 χ^2 /NDF: 355714.0/8

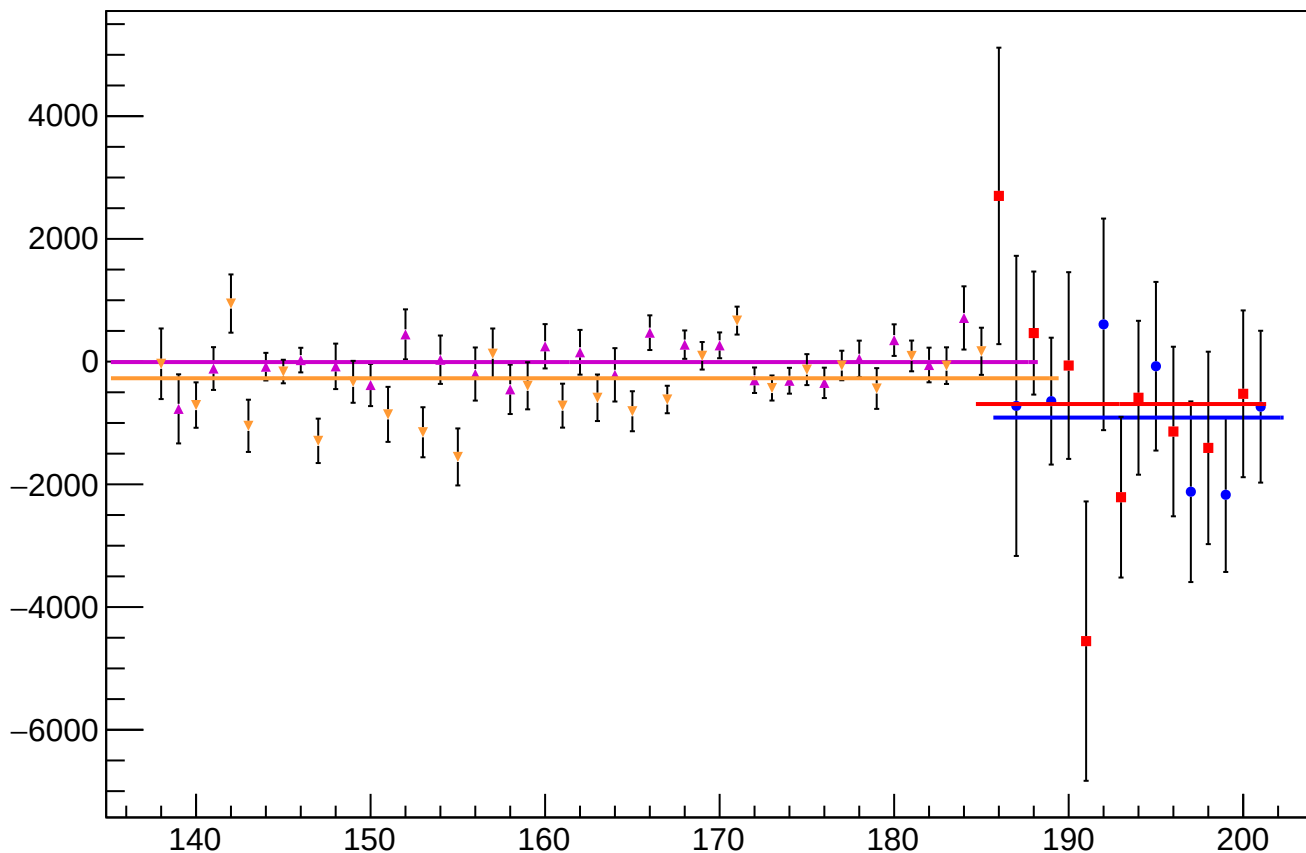
Left In: 53.312 $\pm$ 0.009 χ^2 /NDF: 644220.1/22

+ sign 55.538 $\pm$ 0.009 χ^2 /NDF: 4524164.5/31

All: 56.260 $\pm$ 0.006 χ^2 /NDF: 10428315.8/63

- sign 57.020 $\pm$ 0.009 χ^2 /NDF: 5890189.3/31

asym_sam_37_dd_correction_mean vs Slug



Right In: -912.046 $\pm$ 518.817 χ^2 /NDF: 2.9/6

Left Out: -271.240 $\pm$ 60.285 χ^2 /NDF: 67.7/24

Right Out: -691.224 $\pm$ 472.340 χ^2 /NDF: 8.0/8

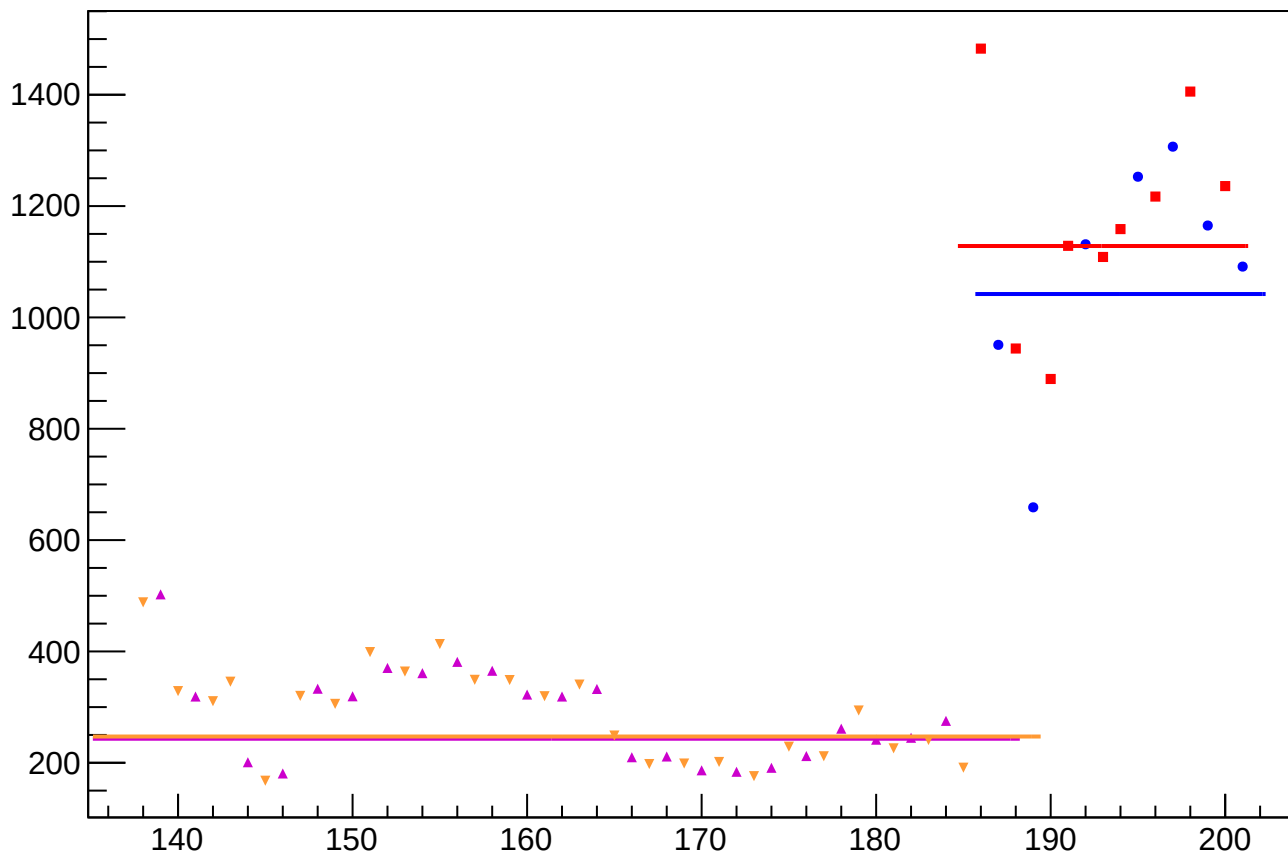
Left In: -7.535 $\pm$ 60.328 χ^2 /NDF: 22.9/22

+ sign -279.777 $\pm$ 59.882 χ^2 /NDF: 72.1/31

All: -149.055 $\pm$ 42.329 χ^2 /NDF: 114.6/63

- sign -18.508 $\pm$ 59.842 χ^2 /NDF: 32.9/31

asym_sam_37_dd_correction_rms vs Slug



Right In: 1042.031 $\pm$ 0.367 χ^2 /NDF: 416855.5/6

Left Out: 247.166 $\pm$ 0.043 χ^2 /NDF:2853302.0/24

Right Out: 1128.275 $\pm$ 0.334 χ^2 /NDF: 244847.0/8

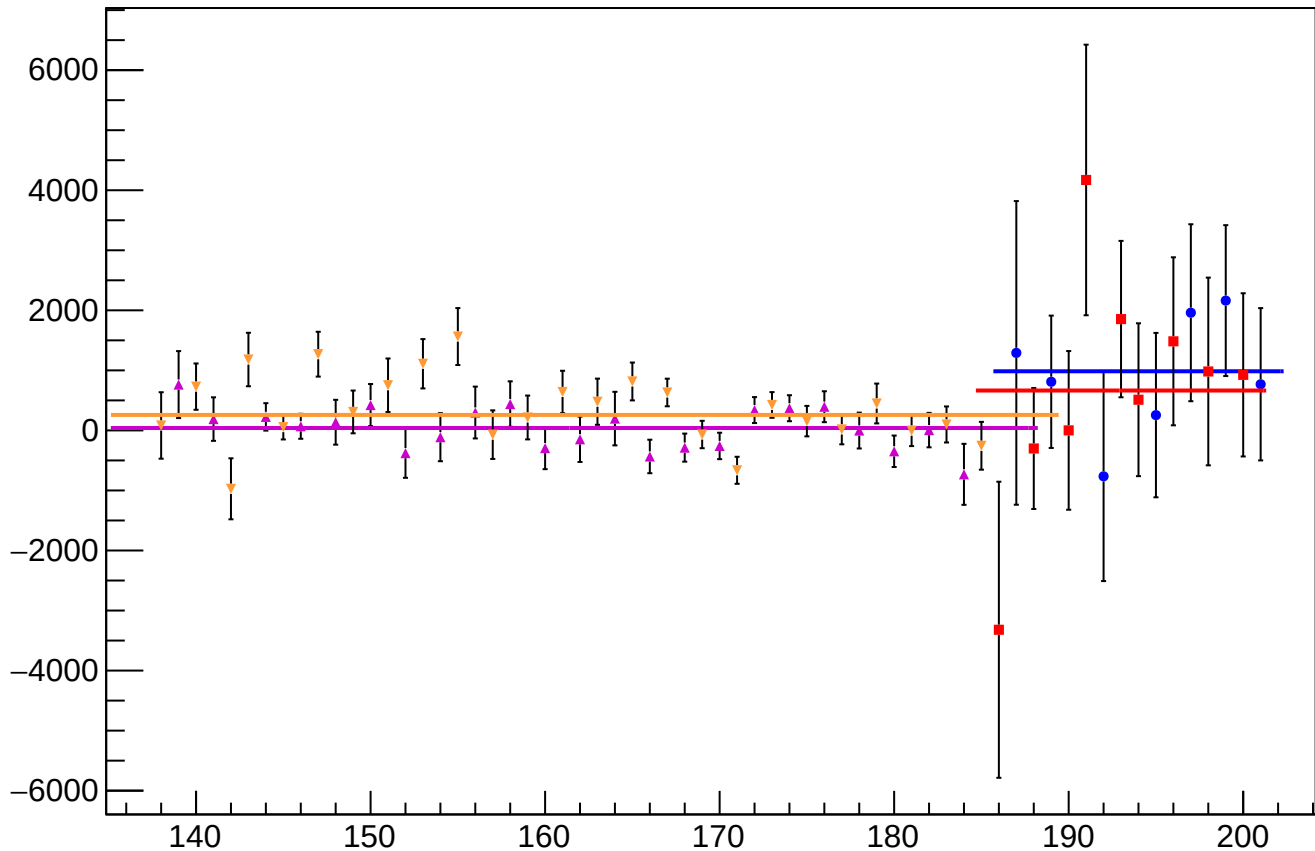
Left In: 243.189 $\pm$ 0.043 χ^2 /NDF:2571190.8/22

+ sign 257.755 $\pm$ 0.042 χ^2 /NDF: 7902112.6/31

All: 257.575 $\pm$ 0.030 χ^2 /NDF: 17627974.4/63

- sign 257.395 $\pm$ 0.042 χ^2 /NDF: 9725825.7/31

asym_sam_37_dd_mean vs Slug



Right In: 984.927 ± 530.201 χ^2/NDF : 2.7/6

Left Out: 258.044 ± 61.488 χ^2/NDF : 65.0/24

Right Out: 664.585 ± 466.913 χ^2/NDF : 7.5/8

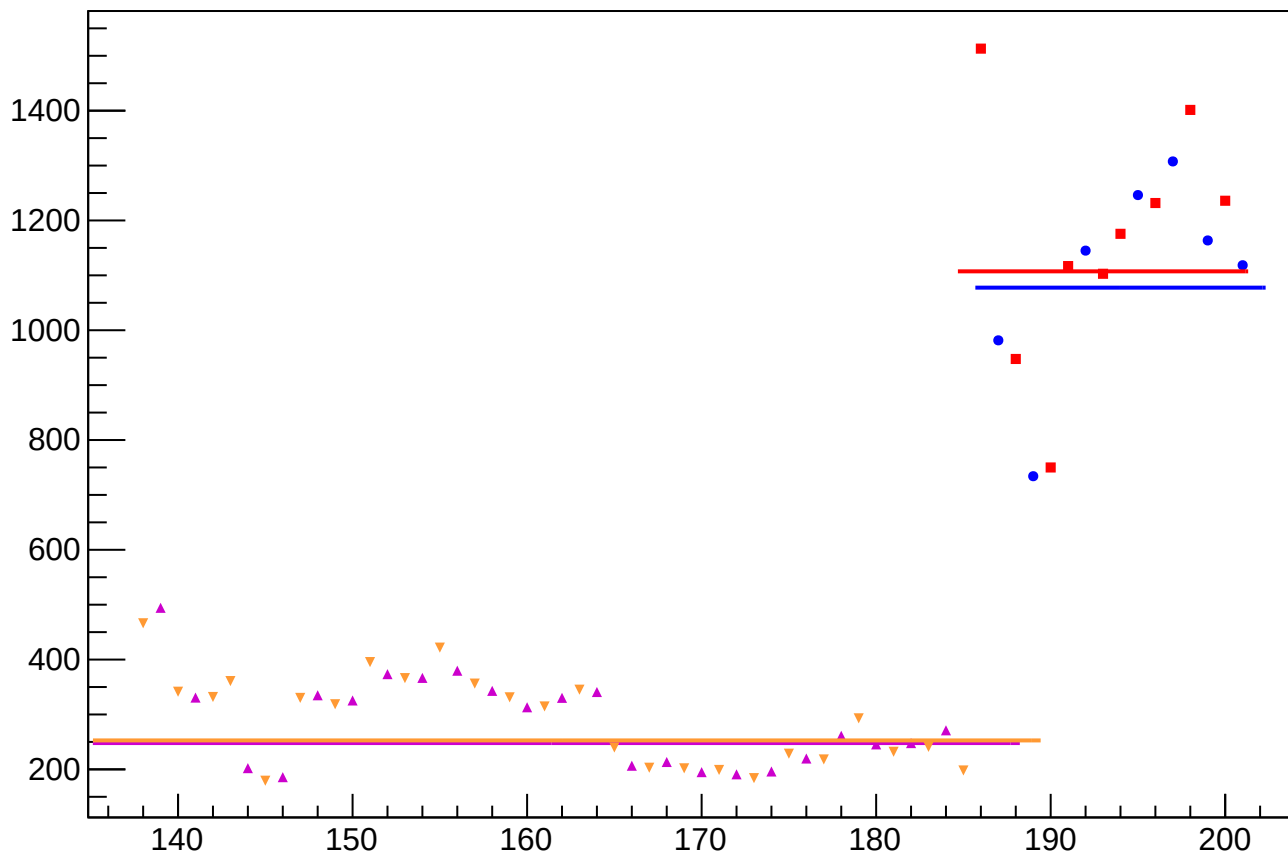
Left In: 40.015 ± 61.495 χ^2/NDF : 25.0/22

+ sign 267.690 ± 61.078 χ^2/NDF : 69.5/31

All: 158.983 ± 43.150 χ^2/NDF : 110.1/63

- sign 50.665 ± 60.969 χ^2/NDF : 34.3/31

asym_sam_37_dd_rms vs Slug



Right In: 1077.601+/-0.375 χ^2/NDF : 290687.4/6

Left Out: 252.721+/-0.043 χ^2/NDF : 2648800.3/24

Right Out: 1107.298+/-0.330 χ^2/NDF : 360944.7/8

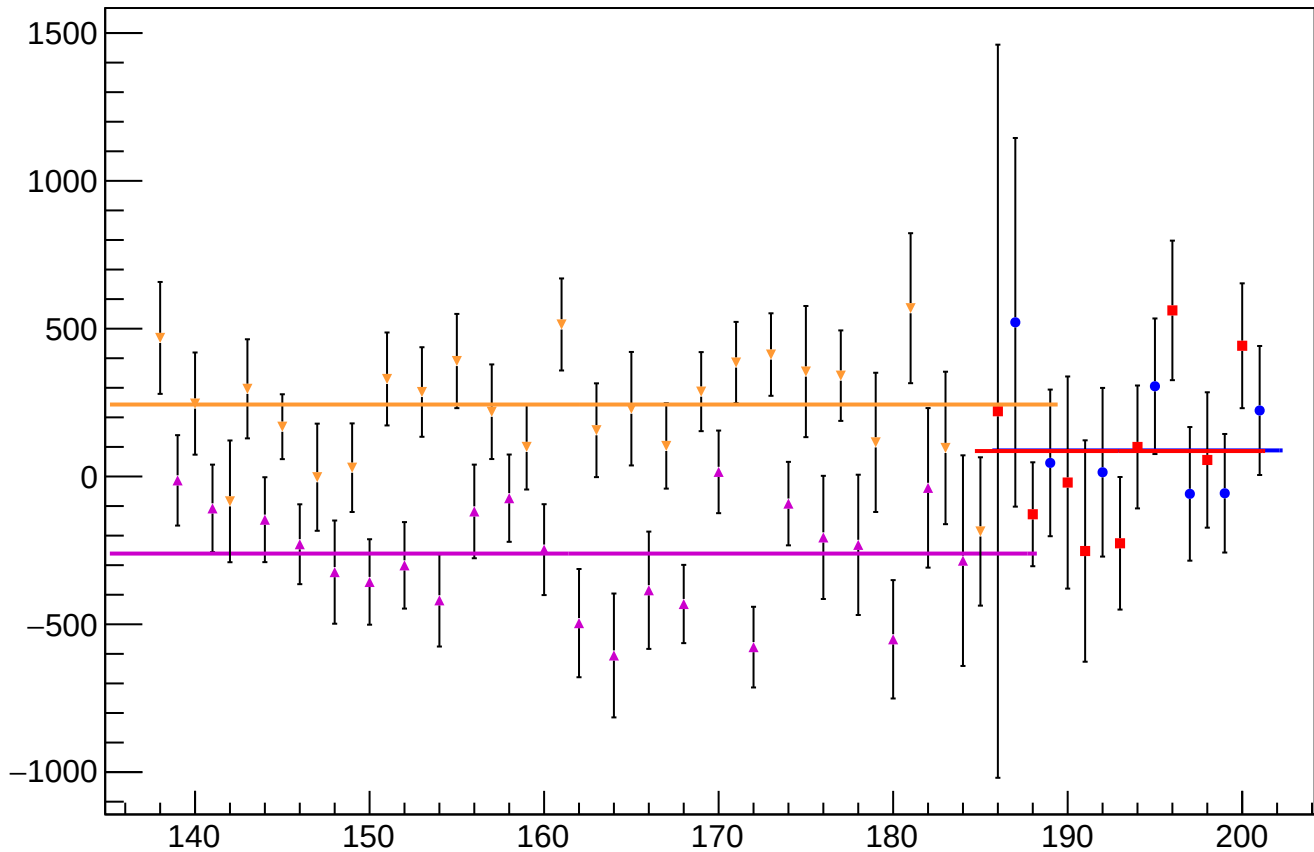
Left In: 247.919+/-0.043 χ^2/NDF : 2374698.8/22

+ sign 263.667+/-0.043 χ^2/NDF : 7716204.6/31

All: 263.119+/-0.031 χ^2/NDF : 17111933.9/63

- sign 262.572+/-0.043 χ^2/NDF : 9395406.8/31

dit_asym_sam_48_dd_mean vs Slug



Right In: 88.222 $\pm$ 93.014 χ^2 /NDF: 2.8/6

Left Out: 243.442 $\pm$ 32.738 χ^2 /NDF:23.4/24

Right Out: 86.050 $\pm$ 81.541 χ^2 /NDF: 11.3/8

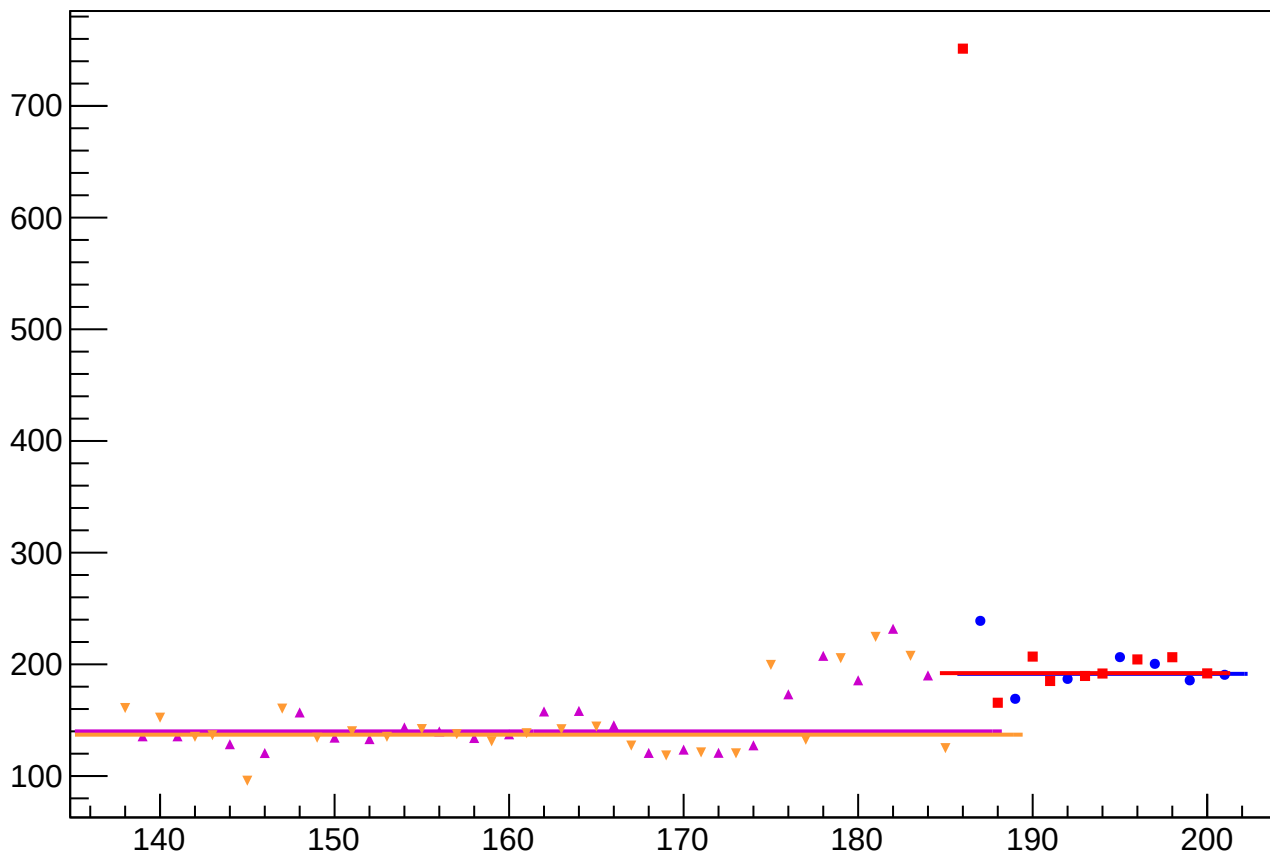
Left In: -260.749 $\pm$ 33.988 χ^2 /NDF:28.5/22

+ sign 226.332 $\pm$ 30.881 χ^2 /NDF: 28.7/31

All: 11.892 $\pm$ 22.008 χ^2 /NDF: 181.8/63

- sign -209.415 $\pm$ 31.372 χ^2 /NDF: 55.1/31

dit_asym_sam_48_dd_rms vs Slug



Right In: 191.492 ± 0.066 χ^2/NDF : 41704.2/6

Left Out: 137.036 ± 0.023 χ^2/NDF : 1200381.2/24

Right Out: 192.121 ± 0.058 χ^2/NDF : 469739.2/8

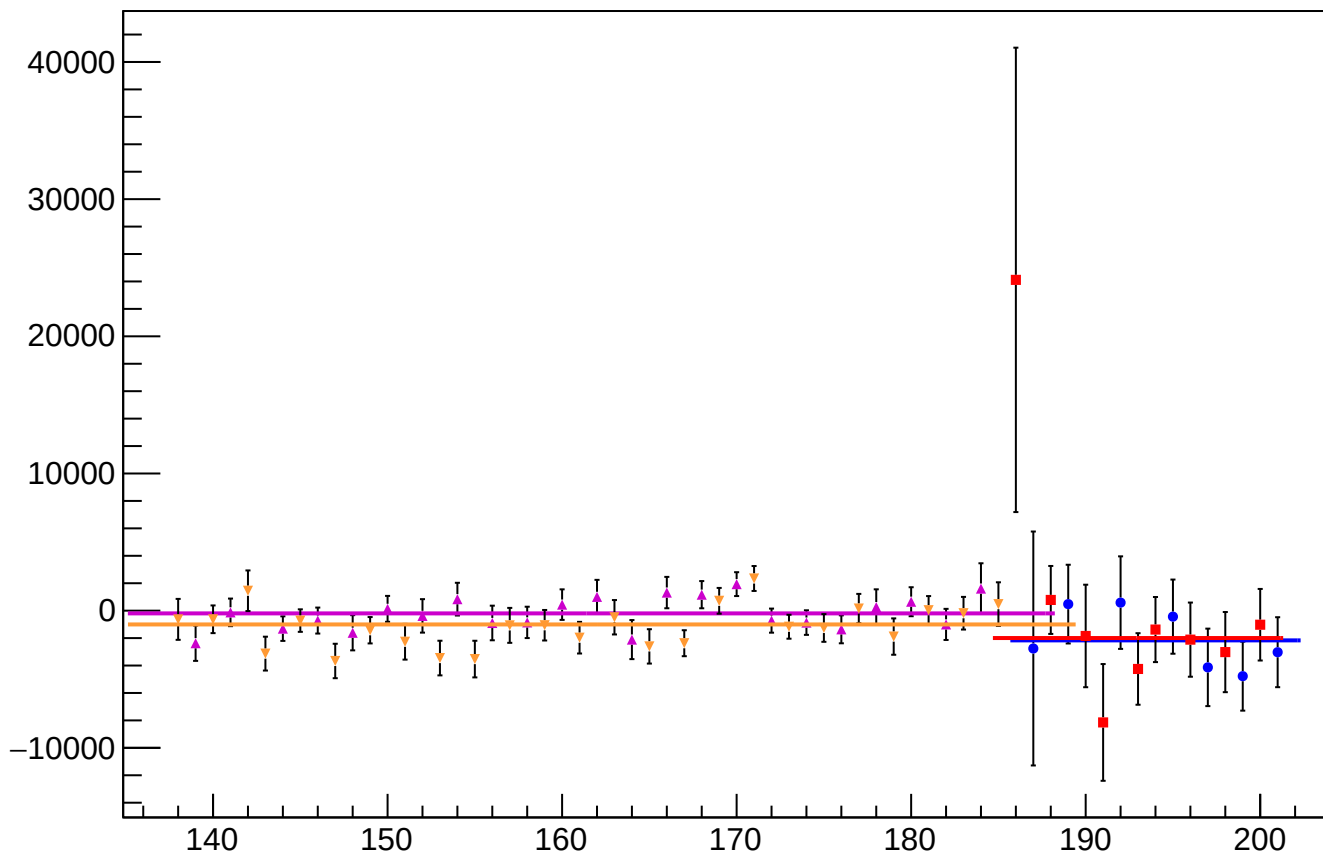
Left In: 139.966 ± 0.024 χ^2/NDF : 838127.9/22

+ sign 143.038 ± 0.022 χ^2/NDF : 1852068.4/31

All: 145.326 ± 0.016 χ^2/NDF : 3879331.3/63

- sign 147.686 ± 0.022 χ^2/NDF : 2004969.9/31

asym_sam_48_dd_correction_mean vs Slug



Right In: -2166.054 ± 1120.023 χ^2/NDF : 3.6/6

Left Out: -1004.364 ± 222.387 χ^2/NDF : 44.7/24

Right Out: -1995.690 ± 990.715 χ^2/NDF : 6.8/8

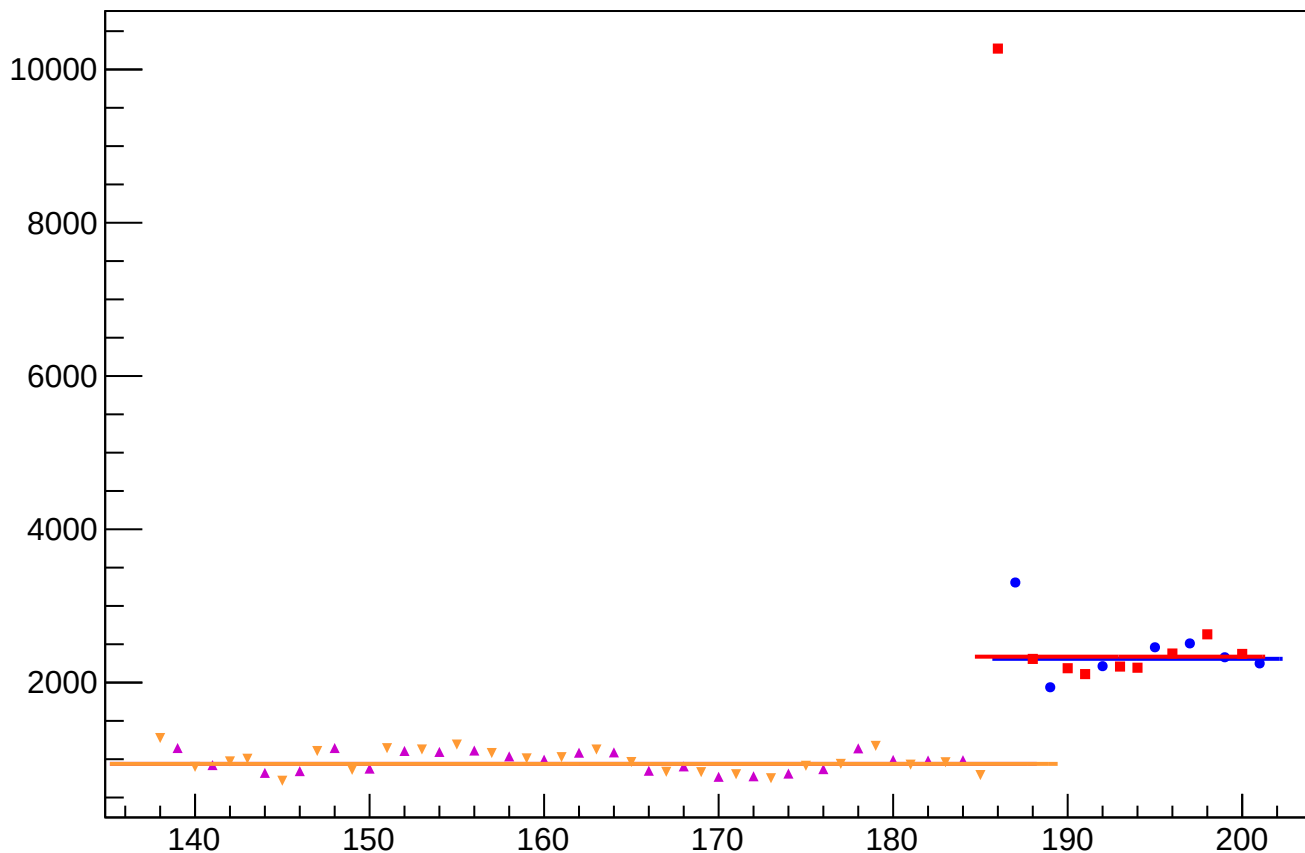
Left In: -198.654 ± 225.997 χ^2/NDF : 24.6/22

+ sign -1048.426 ± 218.129 χ^2/NDF : 49.3/31

All: -671.815 ± 155.015 χ^2/NDF : 89.9/63

- sign -287.541 ± 220.337 χ^2/NDF : 34.6/31

asym_sam_48_dd_correction_rms vs Slug



Right In: 2309.868 ± 0.792 $\chi^2/\text{NDF}: 79932.8/6$

Left Out: 938.988 ± 0.157 $\chi^2/\text{NDF}: 828400.0/24$

Right Out: 2337.931 ± 0.701 $\chi^2/\text{NDF}: 481702.9/8$

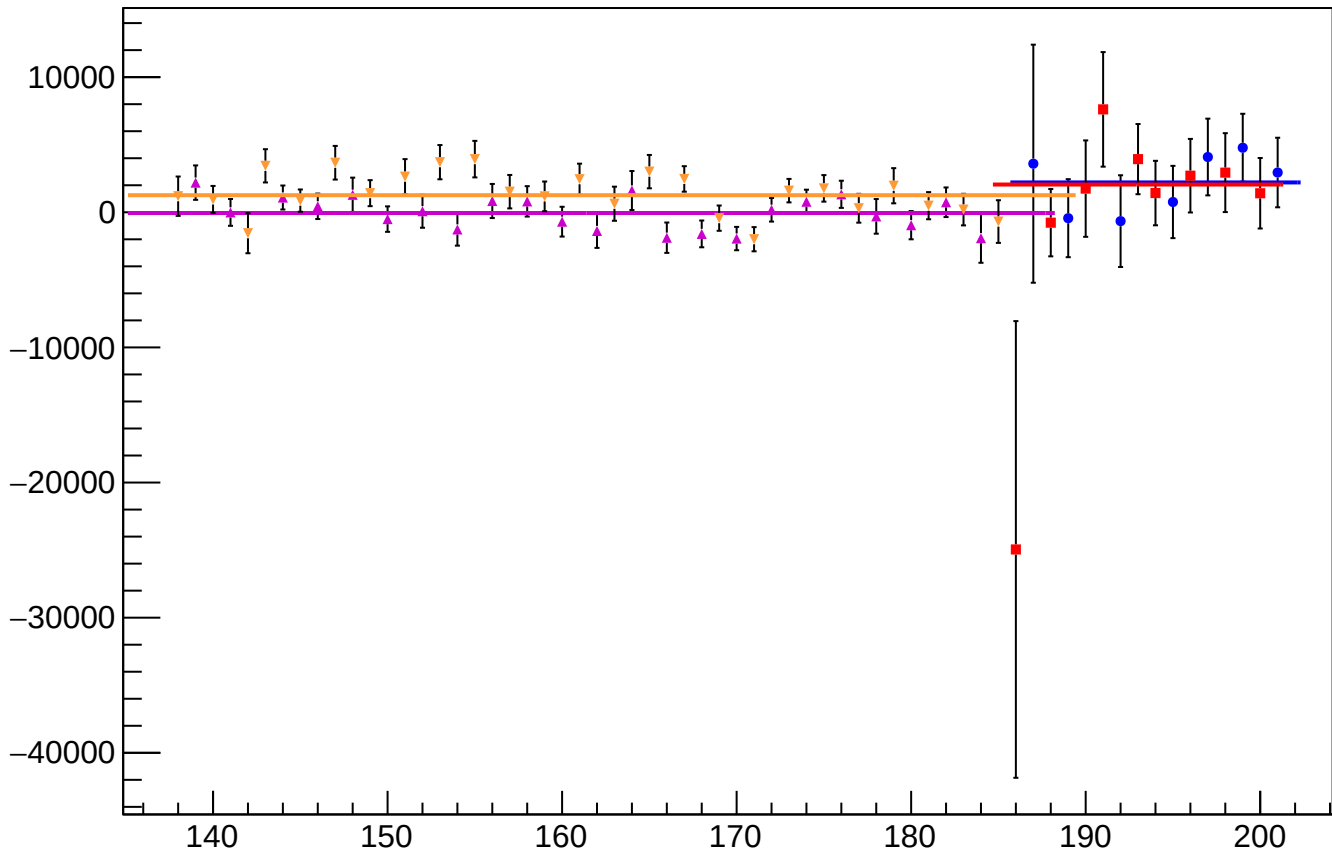
Left In: 938.755 ± 0.160 $\chi^2/\text{NDF}: 611419.0/22$

+ sign: 990.985 ± 0.154 $\chi^2/\text{NDF}: 3790915.2/31$

All: 999.388 ± 0.110 $\chi^2/\text{NDF}: 8681844.9/63$

- sign: 1007.962 ± 0.156 $\chi^2/\text{NDF}: 4884932.8/31$

asym_sam_48_dd_mean vs Slug



Right In: 2209.119+/-1123.115 χ^2/NDF : 3.4/6

Left Out: 1264.940+/-220.626 χ^2/NDF : 45.5/24

Right Out: 2054.186+/-989.078 χ^2/NDF : 6.4/8

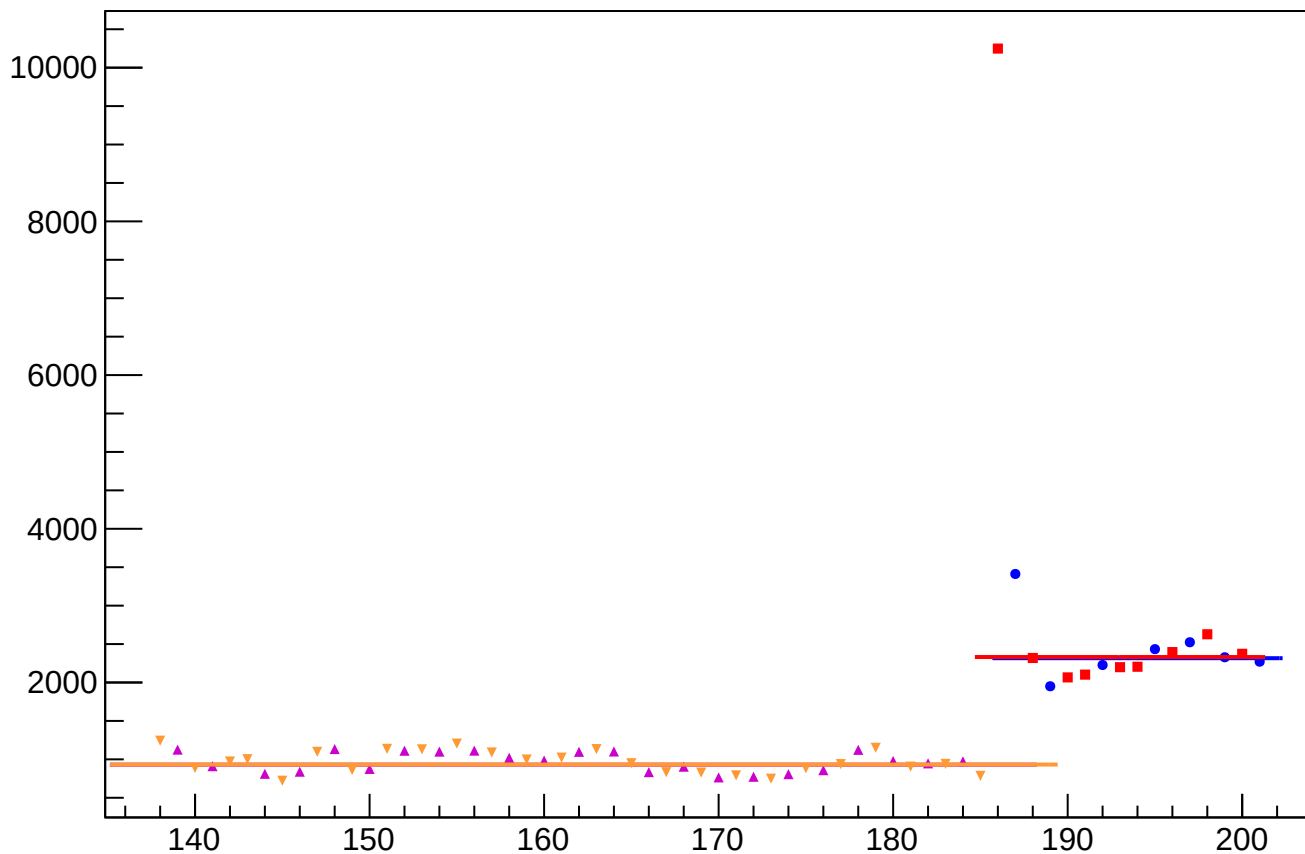
Left In: -53.940+/-224.371 χ^2/NDF : 26.4/22

+ sign 1300.021+/-216.488 χ^2/NDF : 49.7/31

All: 681.303+/-153.895 χ^2/NDF : 103.3/63

- sign 49.236+/-218.811 χ^2/NDF : 37.1/31

asym_sam_48_dd_rms vs Slug



Right In: 2316.121+/-0.794 χ^2/NDF : 79562.2/6

Left Out: 932.170+/-0.156 χ^2/NDF : 828733.8/24

Right Out: 2331.415+/-0.699 χ^2/NDF : 488961.7/8

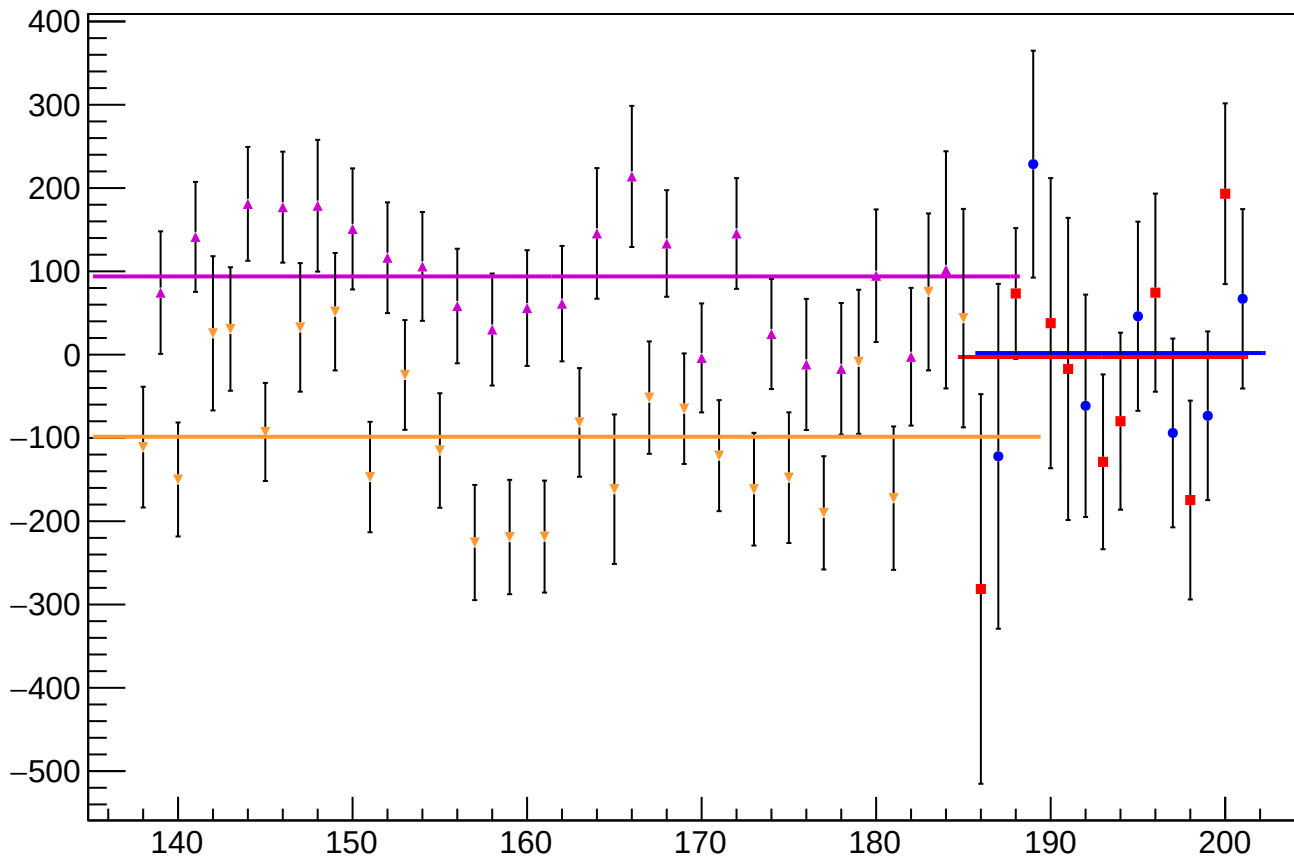
Left In: 930.854+/-0.159 χ^2/NDF : 621985.5/22

+ sign 983.591+/-0.153 χ^2/NDF : 3832308.4/31

All: 991.411+/-0.109 χ^2/NDF : 8762529.7/63

- sign 999.400+/-0.155 χ^2/NDF : 4924945.8/31

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 1.922 $\pm$ 46.007 χ^2/NDF : 5.1/6

Left Out: -98.557 $\pm$ 14.525 χ^2/NDF :35.2/24

Right Out: -2.835 $\pm$ 39.250 χ^2/NDF : 10.1/8

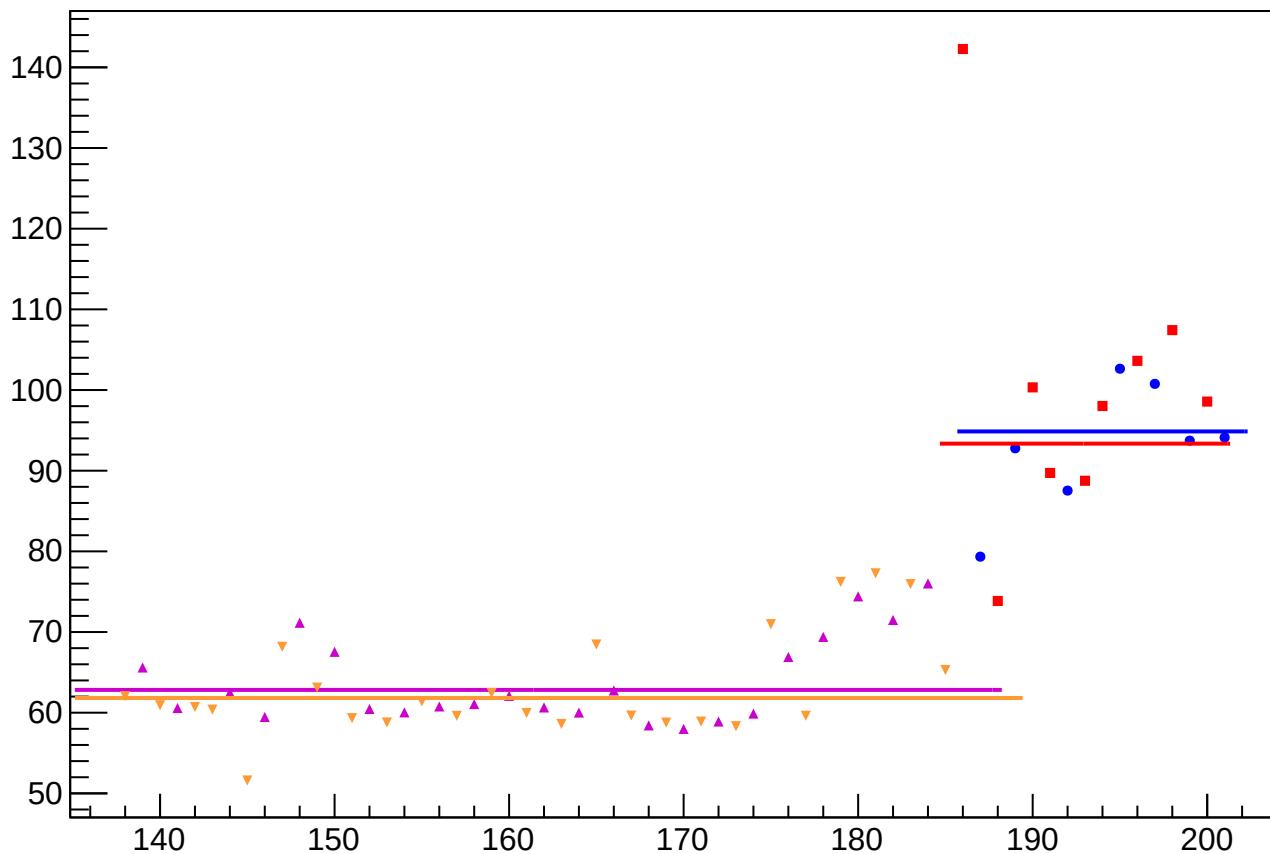
Left In: 93.899 $\pm$ 15.039 χ^2/NDF :19.3/22

+ sign -89.450 $\pm$ 13.851 χ^2/NDF : 44.7/31

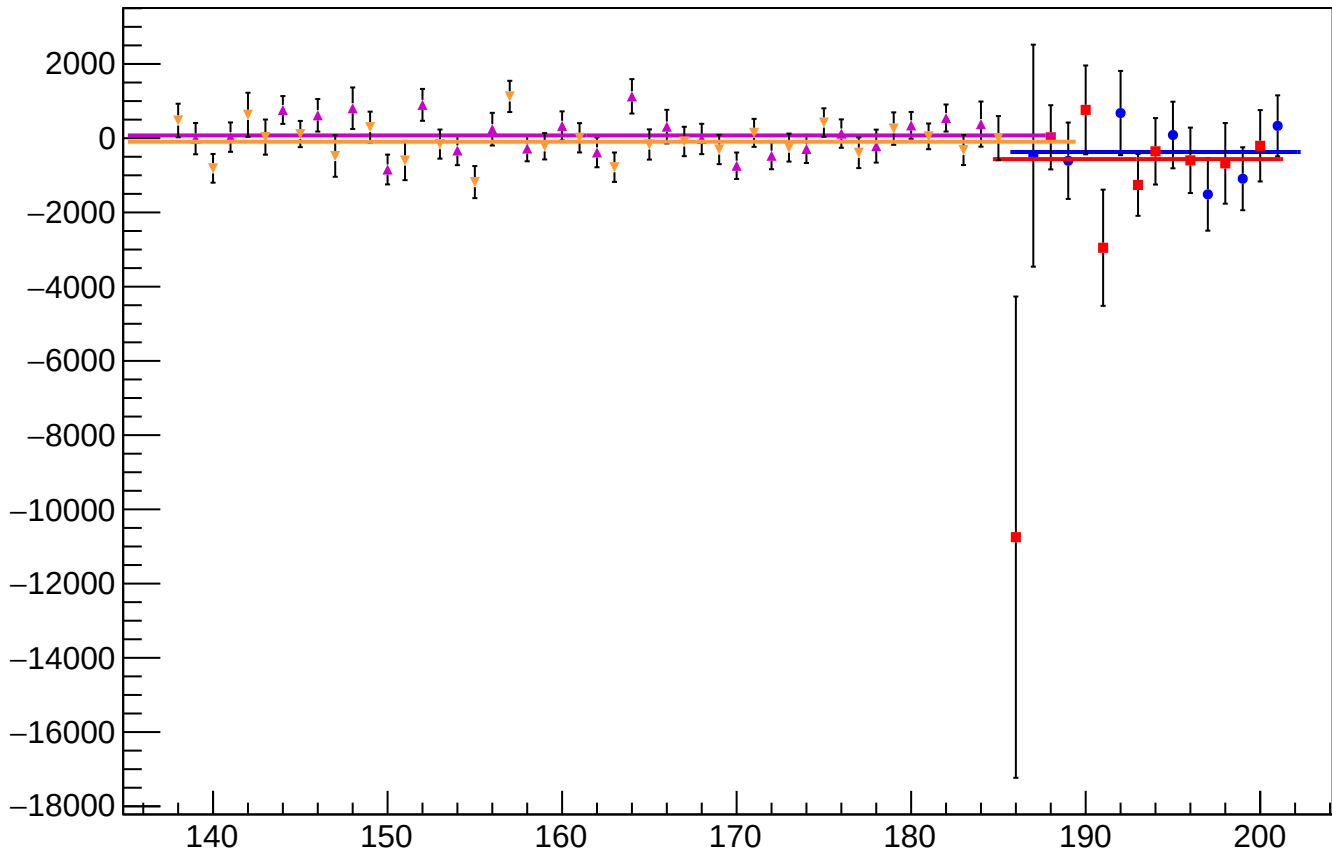
All: -5.146 $\pm$ 9.861 χ^2/NDF : 154.6/63

- sign 81.516 $\pm$ 14.043 χ^2/NDF : 34.7/31

dit_asym_sam_13_57_dd_rms vs Slug



asym_sam_13_57_dd_correction_mean vs Slug



Right In: -371.912 $\pm$ 378.325 χ^2/NDF : 4.0/6

Left Out: -94.907 $\pm$ 82.850 χ^2/NDF : 31.6/24

Right Out: -563.422 $\pm$ 345.498 χ^2/NDF : 7.4/8

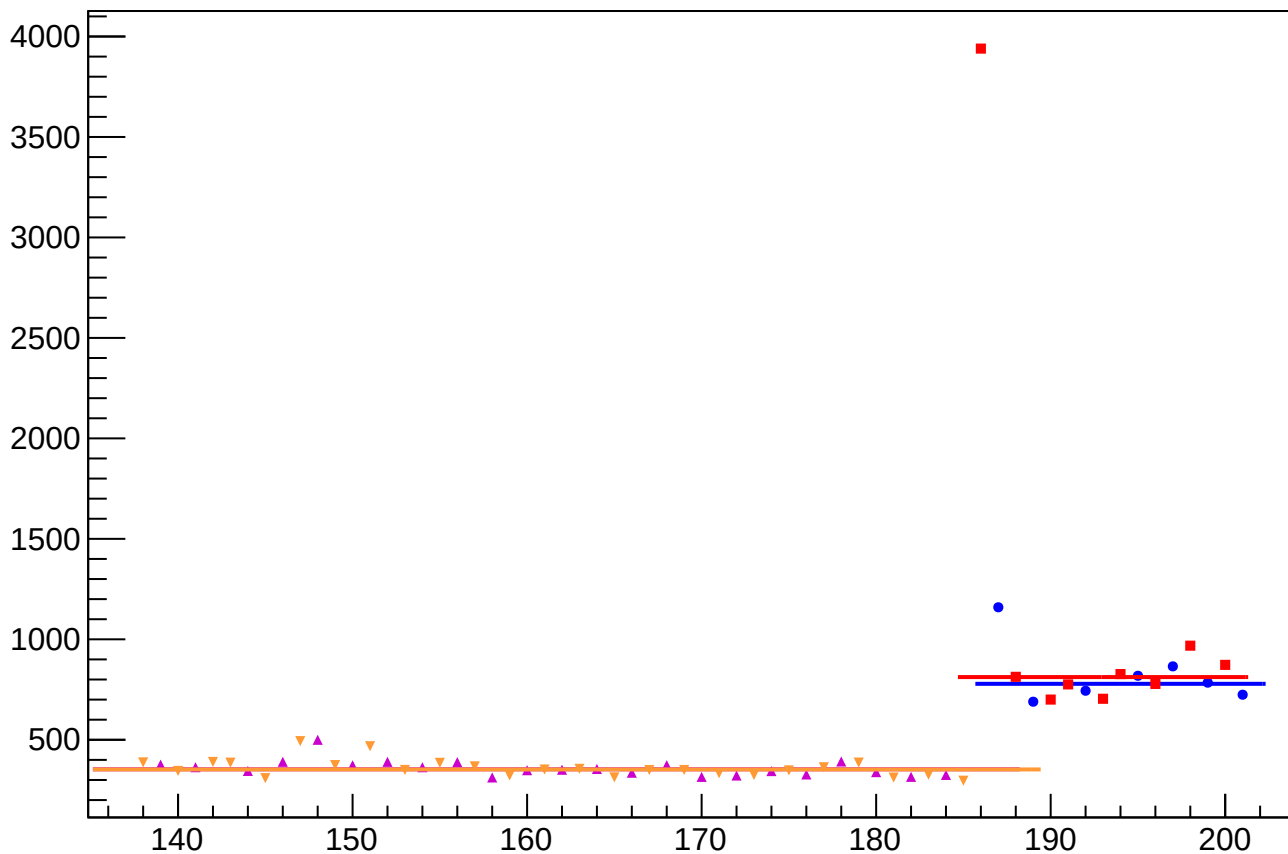
Left In: 73.914 $\pm$ 84.652 χ^2/NDF : 36.4/22

+ sign -107.583 $\pm$ 80.932 χ^2/NDF : 36.1/31

All: -36.030 $\pm$ 57.678 χ^2/NDF : 84.6/63

- sign 37.820 $\pm$ 82.220 χ^2/NDF : 47.0/31

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 778.521 ± 0.268 $\chi^2/\text{NDF}: 77768.3/6$

Left Out: 352.403 ± 0.059 $\chi^2/\text{NDF}: 418506.2/24$

Right Out: 812.089 ± 0.244 $\chi^2/\text{NDF}: 570683.9/8$

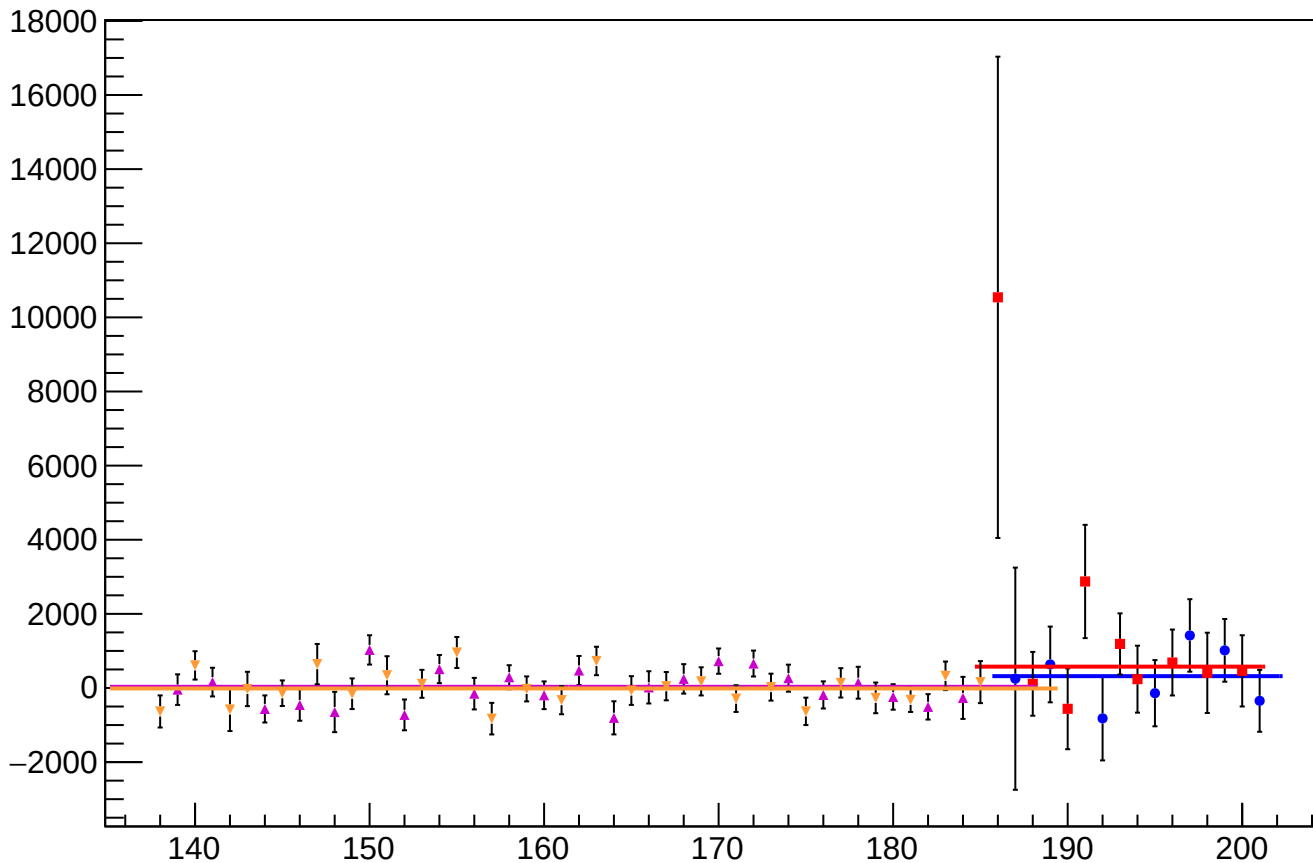
Left In: 353.197 ± 0.060 $\chi^2/\text{NDF}: 321761.0/22$

+ sign 371.903 ± 0.057 $\chi^2/\text{NDF}: 2917398.8/31$

All: 375.486 ± 0.041 $\chi^2/\text{NDF}: 7146259.4/63$

- sign 379.185 ± 0.058 $\chi^2/\text{NDF}: 4220891.4/31$

asym_sam_13_57_dd_mean vs Slug



Right In: 319.137 $\pm$ 378.529 χ^2 /NDF: 3.9/6

Left Out: -12.545 $\pm$ 79.984 χ^2 /NDF:27.3/24

Right Out: 576.136 $\pm$ 342.221 χ^2 /NDF: 6.7/8

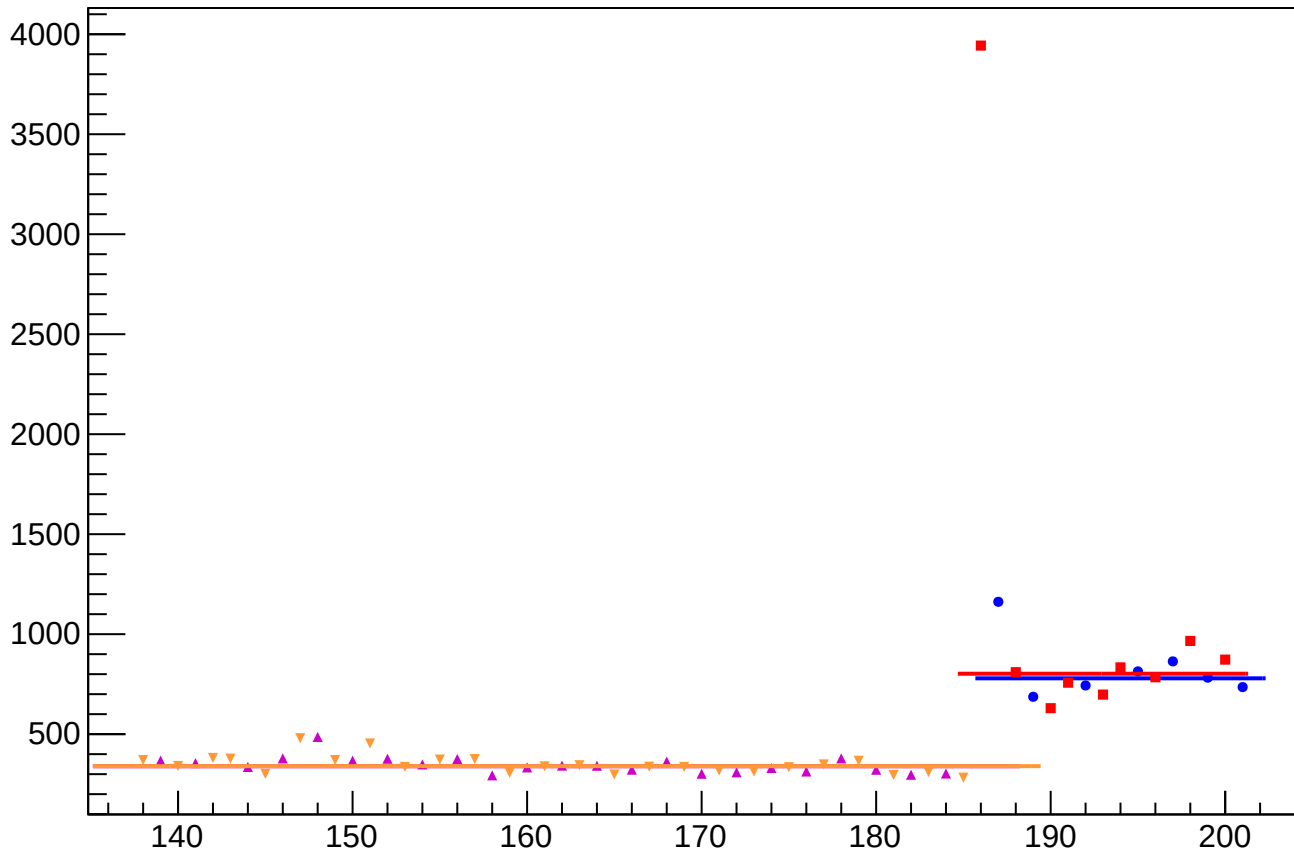
Left In: 31.531 $\pm$ 81.476 χ^2 /NDF:34.8/22

+ sign 1.631 $\pm$ 78.256 χ^2 /NDF: 32.0/31

All: 30.811 $\pm$ 55.687 χ^2 /NDF: 76.2/63

- sign 60.745 $\pm$ 79.261 χ^2 /NDF: 43.9/31

asym_sam_13_57_dd_rms vs Slug



Right In: 779.183 $\pm$ 0.268 χ^2/NDF : 74521.4/6

Left Out: 340.018 $\pm$ 0.057 χ^2/NDF : 465345.1/24

Right Out: 802.236 $\pm$ 0.242 χ^2/NDF : 611839.3/8

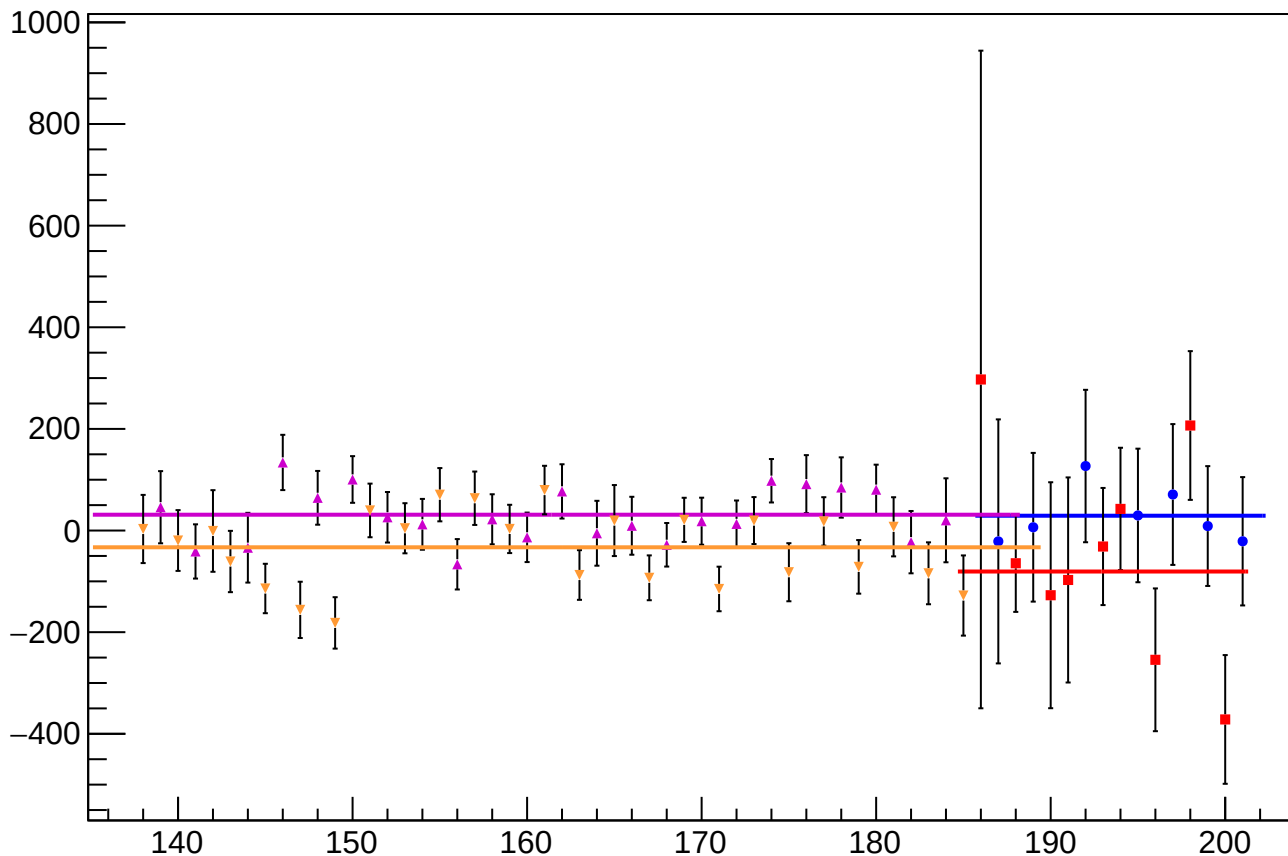
Left In: 339.571 $\pm$ 0.058 χ^2/NDF : 377816.0/22

+ sign 358.788 $\pm$ 0.055 χ^2/NDF : 3116887.1/31

All: 361.553 $\pm$ 0.039 χ^2/NDF : 7571046.1/63

- sign 364.389 $\pm$ 0.056 χ^2/NDF : 4449102.4/31

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 29.163 ± 53.212 χ^2/NDF : 0.8/6

Left Out: -32.964 ± 10.578 χ^2/NDF : 48.0/24

Right Out: -80.635 ± 46.607 χ^2/NDF : 12.3/8

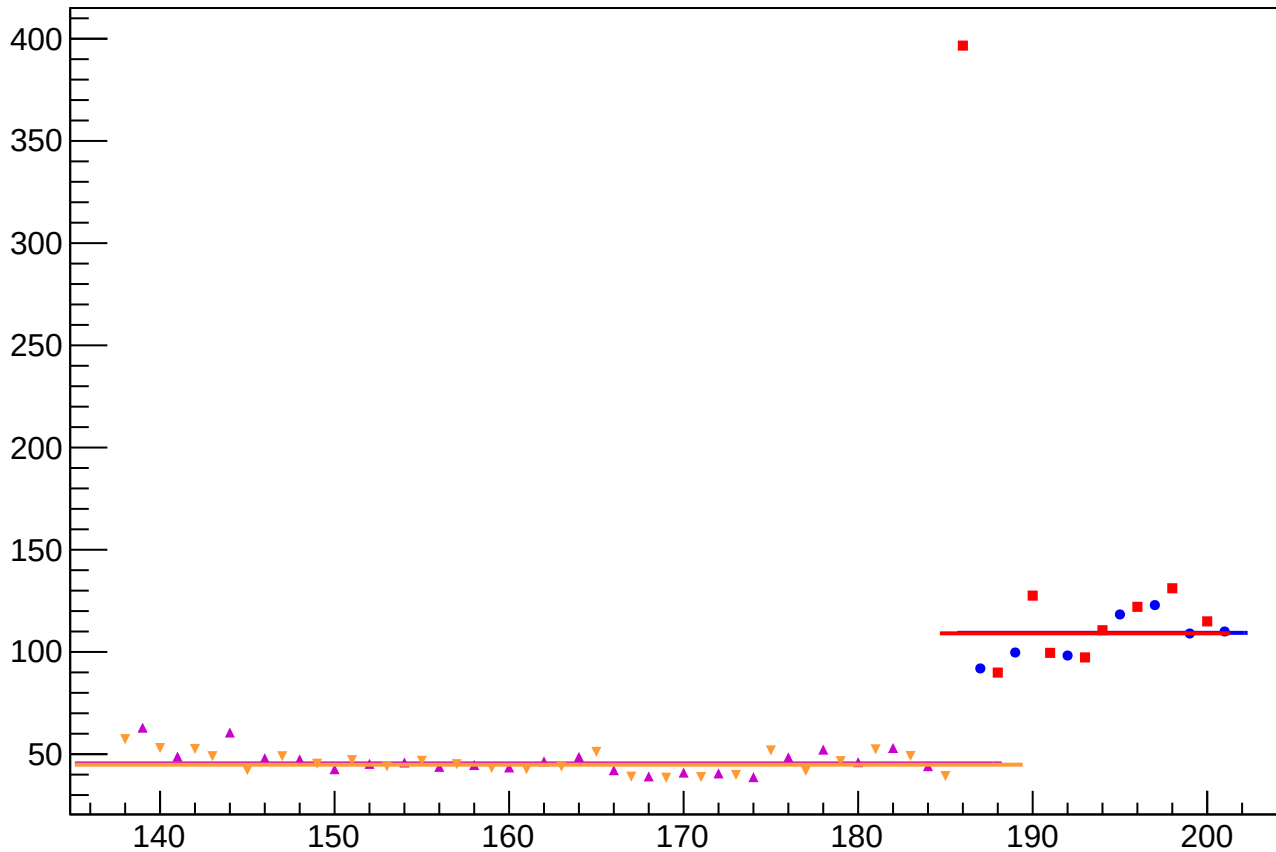
Left In: 31.144 ± 10.958 χ^2/NDF : 23.4/22

+ sign -30.603 ± 10.375 χ^2/NDF : 50.1/31

All: -3.433 ± 7.437 χ^2/NDF : 105.4/63

- sign 25.289 ± 10.667 χ^2/NDF : 41.2/31

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 109.357 $\pm$ 0.038 χ^2 /NDF: 58742.1/6

Left Out: 44.862 $\pm$ 0.007 χ^2 /NDF: 415524.3/24

Right Out: 109.109 $\pm$ 0.033 χ^2 /NDF: 581626.0/8

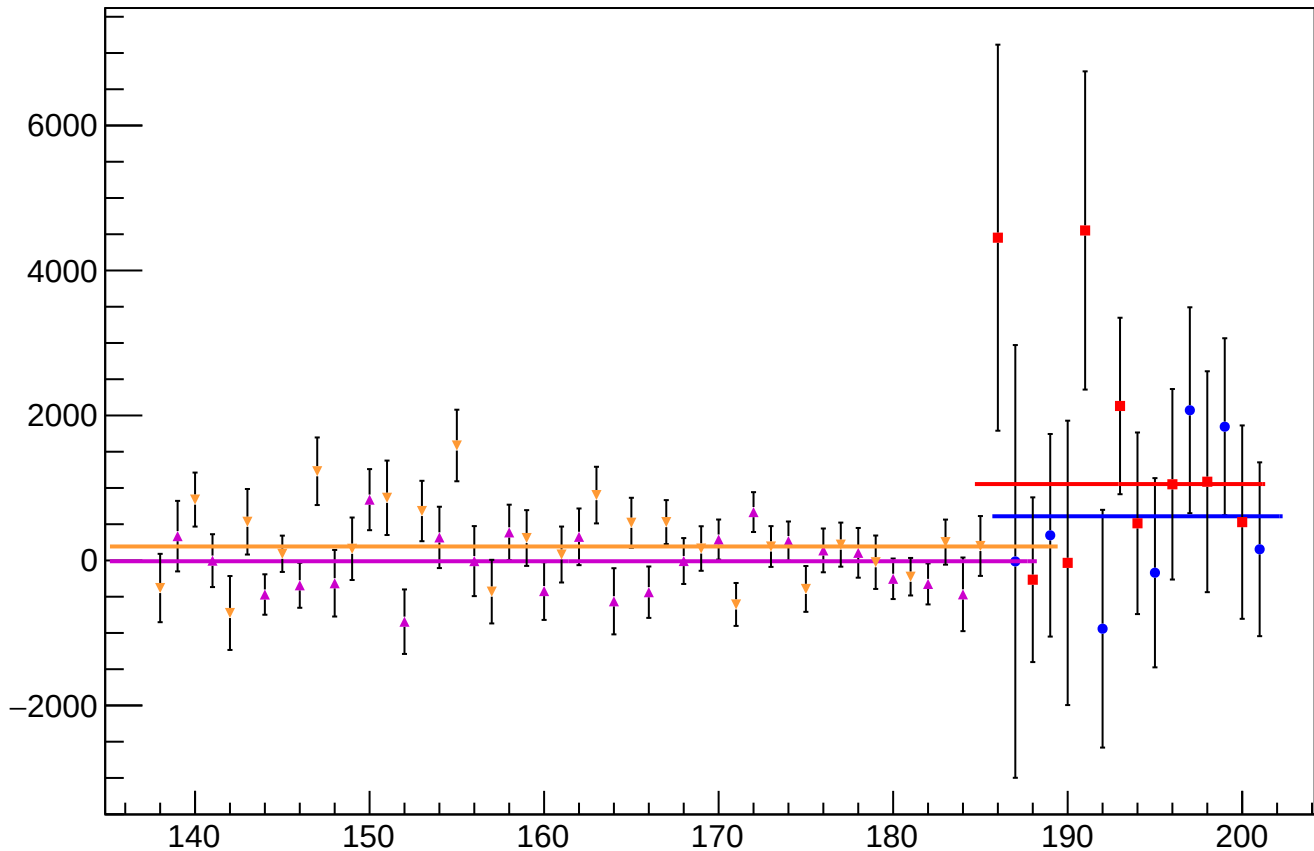
Left In: 45.465 $\pm$ 0.008 χ^2 /NDF: 457021.7/22

+ sign 47.314 $\pm$ 0.007 χ^2 /NDF: 3300658.5/31

All: 48.036 $\pm$ 0.005 χ^2 /NDF: 7893335.3/63

- sign 48.799 $\pm$ 0.008 χ^2 /NDF: 4572753.0/31

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 609.552 ± 538.665 $\chi^2/\text{NDF}: 3.6/6$

Left Out: 192.946 ± 70.968 $\chi^2/\text{NDF}: 45.8/24$

Right Out: 1053.908 ± 484.062 $\chi^2/\text{NDF}: 7.0/8$

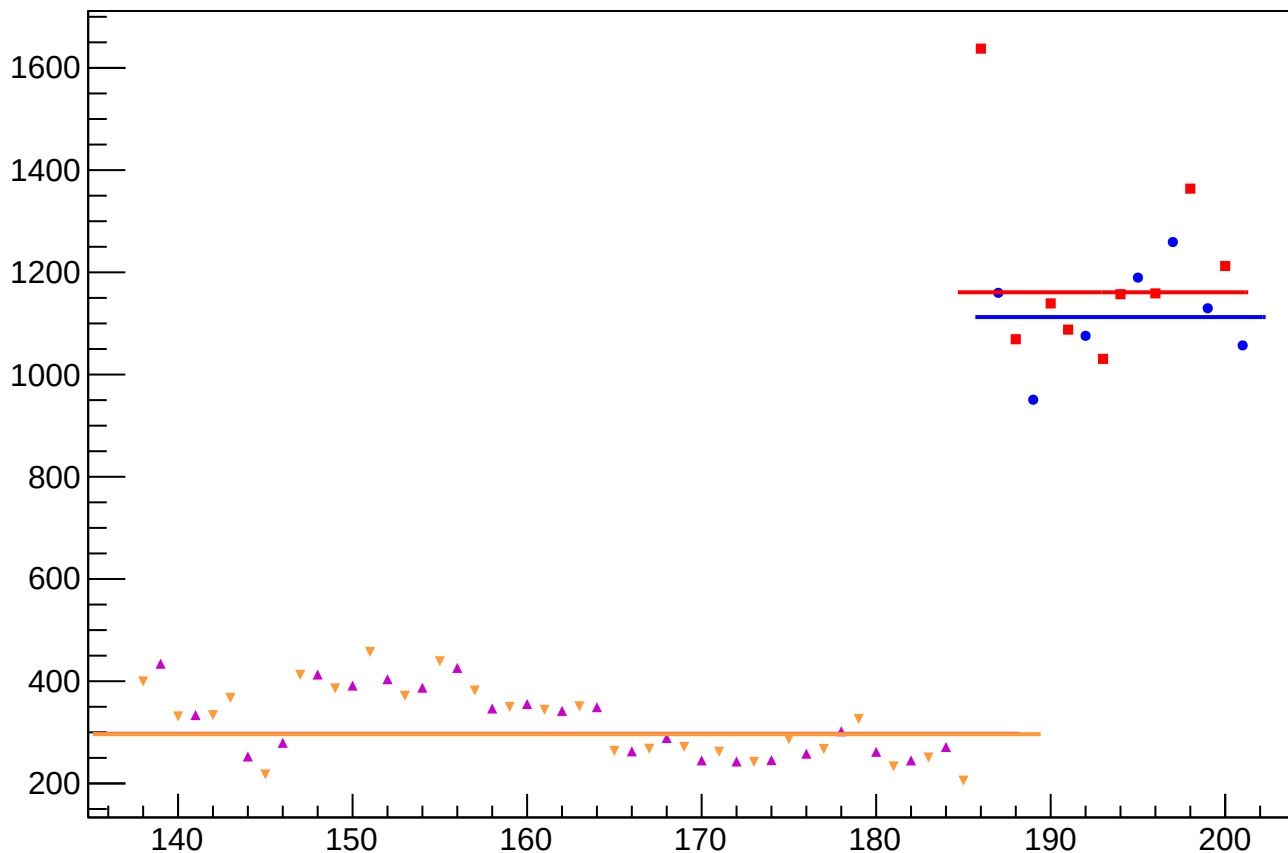
Left In: -10.801 ± 72.300 $\chi^2/\text{NDF}: 30.2/22$

+ sign 200.054 ± 70.360 $\chi^2/\text{NDF}: 50.0/31$

All: 107.760 ± 50.153 $\chi^2/\text{NDF}: 95.4/63$

- sign 12.433 ± 71.507 $\chi^2/\text{NDF}: 41.9/31$

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 1112.479 $\pm$ 0.381 χ^2 /NDF: 61354.5/6

Left Out: 296.383 $\pm$ 0.050 χ^2 /NDF: 1635498.4/24

Right Out: 1160.973 $\pm$ 0.342 χ^2 /NDF: 140962.7/8

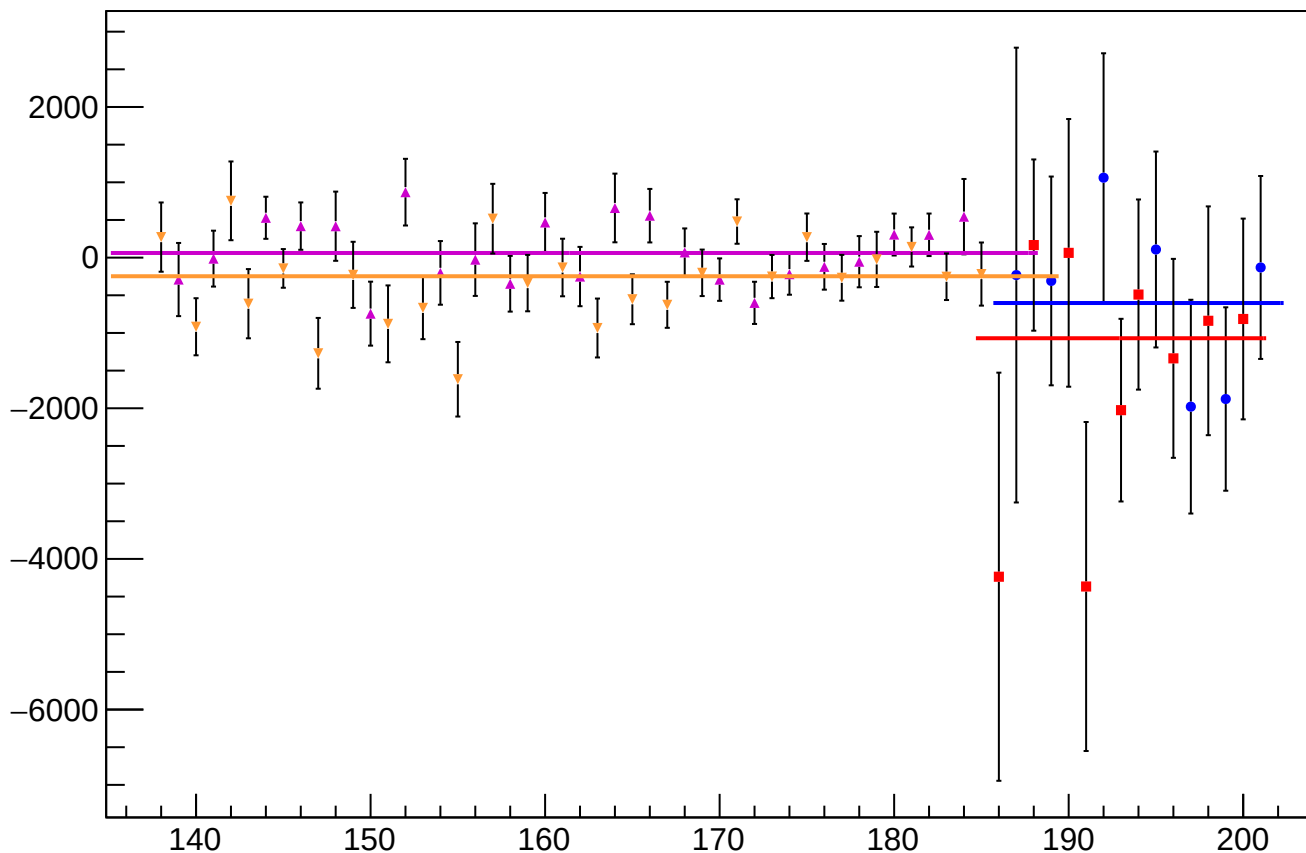
Left In: 297.137 $\pm$ 0.051 χ^2 /NDF: 1320750.3/22

+ sign 310.307 $\pm$ 0.050 χ^2 /NDF: 6209187.1/31

All: 313.101 $\pm$ 0.035 χ^2 /NDF: 13907618.9/63

- sign 315.988 $\pm$ 0.051 χ^2 /NDF: 7692018.7/31

asym_sam_15_37_dd_mean vs Slug



Right In: -602.526 ± 539.377 $\chi^2/\text{NDF}: 3.6/6$

Left Out: -247.108 ± 71.218 $\chi^2/\text{NDF}: 43.6/24$

Right Out: -1070.222 ± 481.453 $\chi^2/\text{NDF}: 6.2/8$

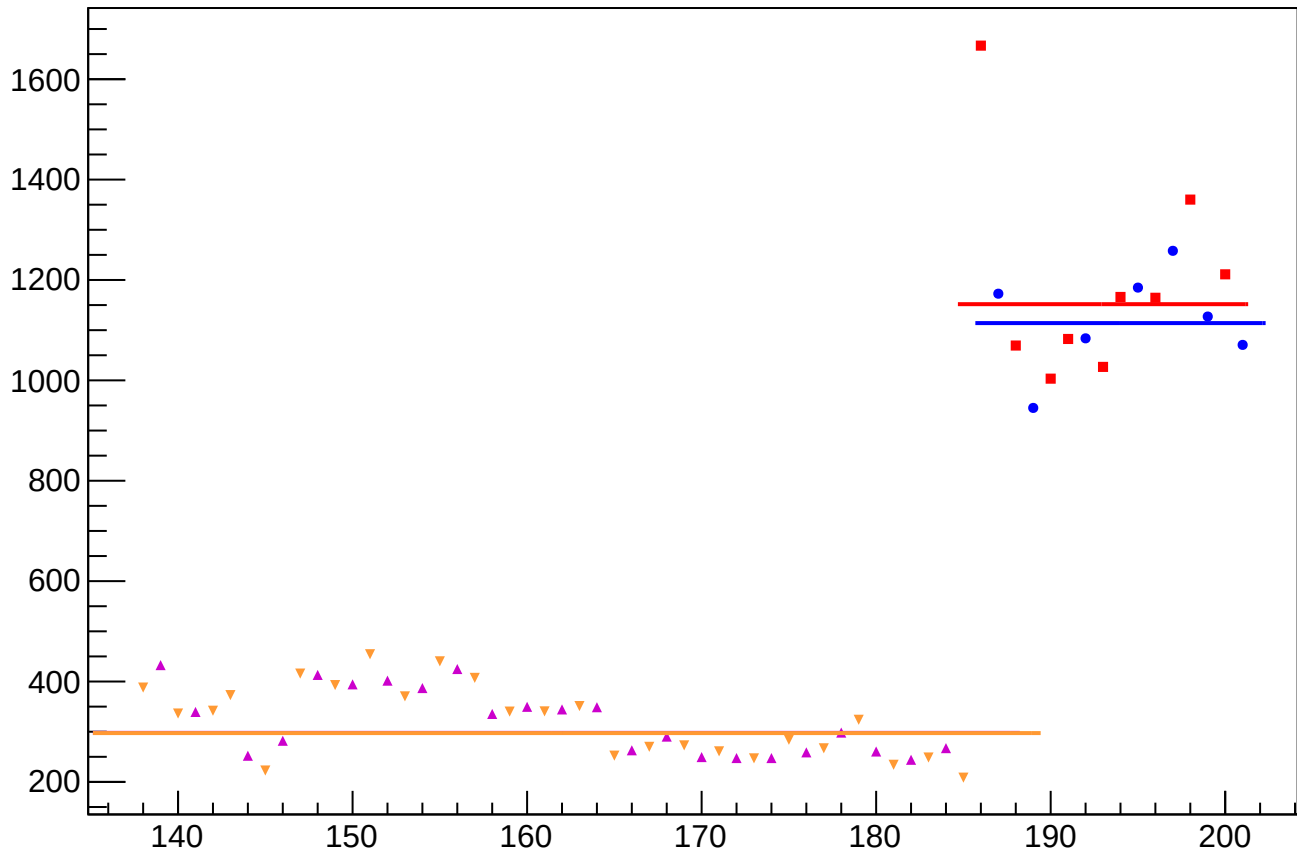
Left In: 61.707 ± 72.478 $\chi^2/\text{NDF}: 30.3/22$

+ sign -253.198 ± 70.605 $\chi^2/\text{NDF}: 47.6/31$

All: -110.456 ± 50.298 $\chi^2/\text{NDF}: 97.8/63$

- sign 36.623 ± 71.670 $\chi^2/\text{NDF}: 41.9/31$

asym_sam_15_37_dd_rms vs Slug



Right In: 1114.097 $\pm$ 0.381 χ^2 /NDF: 60458.9/6

Left Out: 297.273 $\pm$ 0.050 χ^2 /NDF:1627904.5/24

Right Out: 1151.794 $\pm$ 0.340 χ^2 /NDF: 162067.2/8

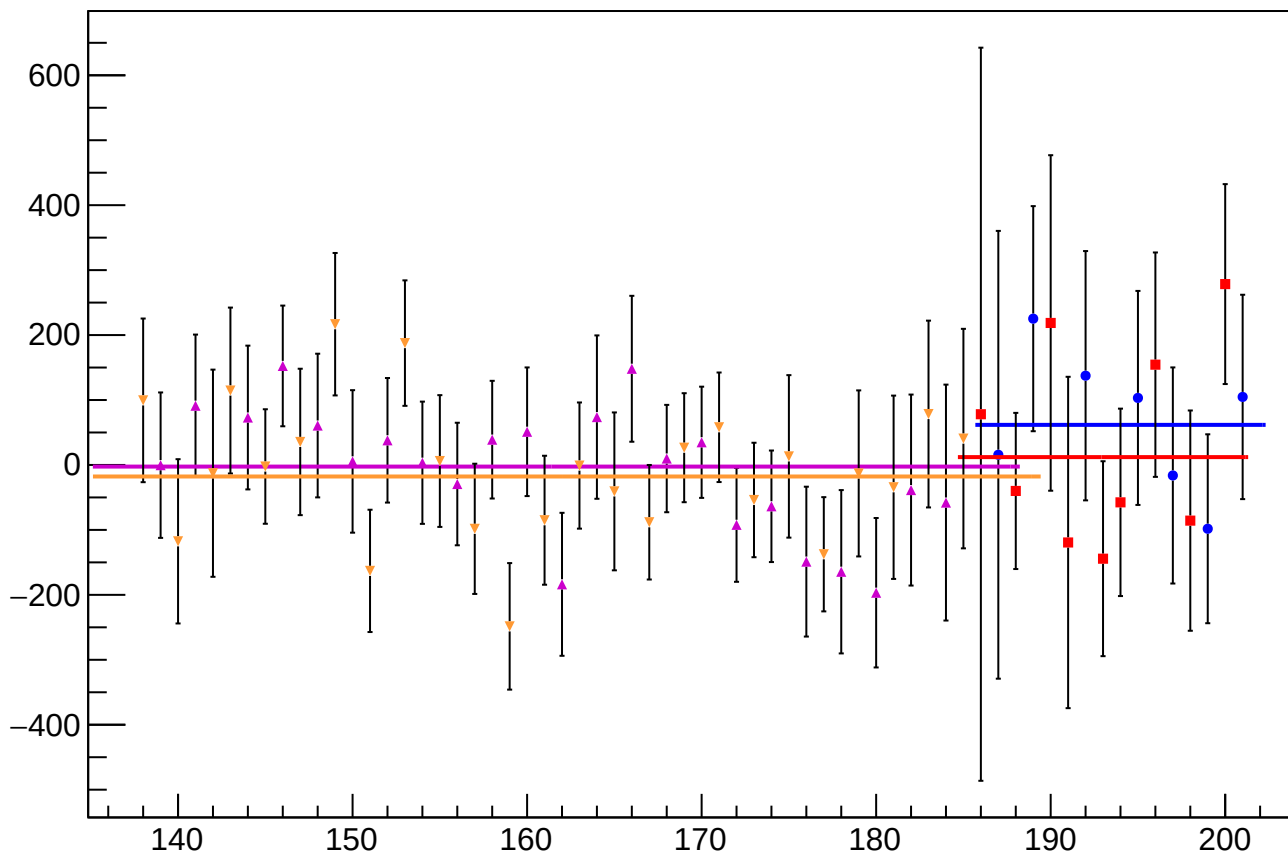
Left In: 297.696 $\pm$ 0.051 χ^2 /NDF:1274607.7/22

+ sign 311.269 $\pm$ 0.050 χ^2 /NDF: 6196480.6/31

All: 313.906 $\pm$ 0.036 χ^2 /NDF: 13793486.8/63

- sign 316.623 $\pm$ 0.051 χ^2 /NDF: 7591342.7/31

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 61.729 ± 66.011 χ^2/NDF : 2.6/6

Left Out: -17.764 ± 21.121 χ^2/NDF : 25.5/24

Right Out: 12.082 ± 57.203 χ^2/NDF : 6.4/8

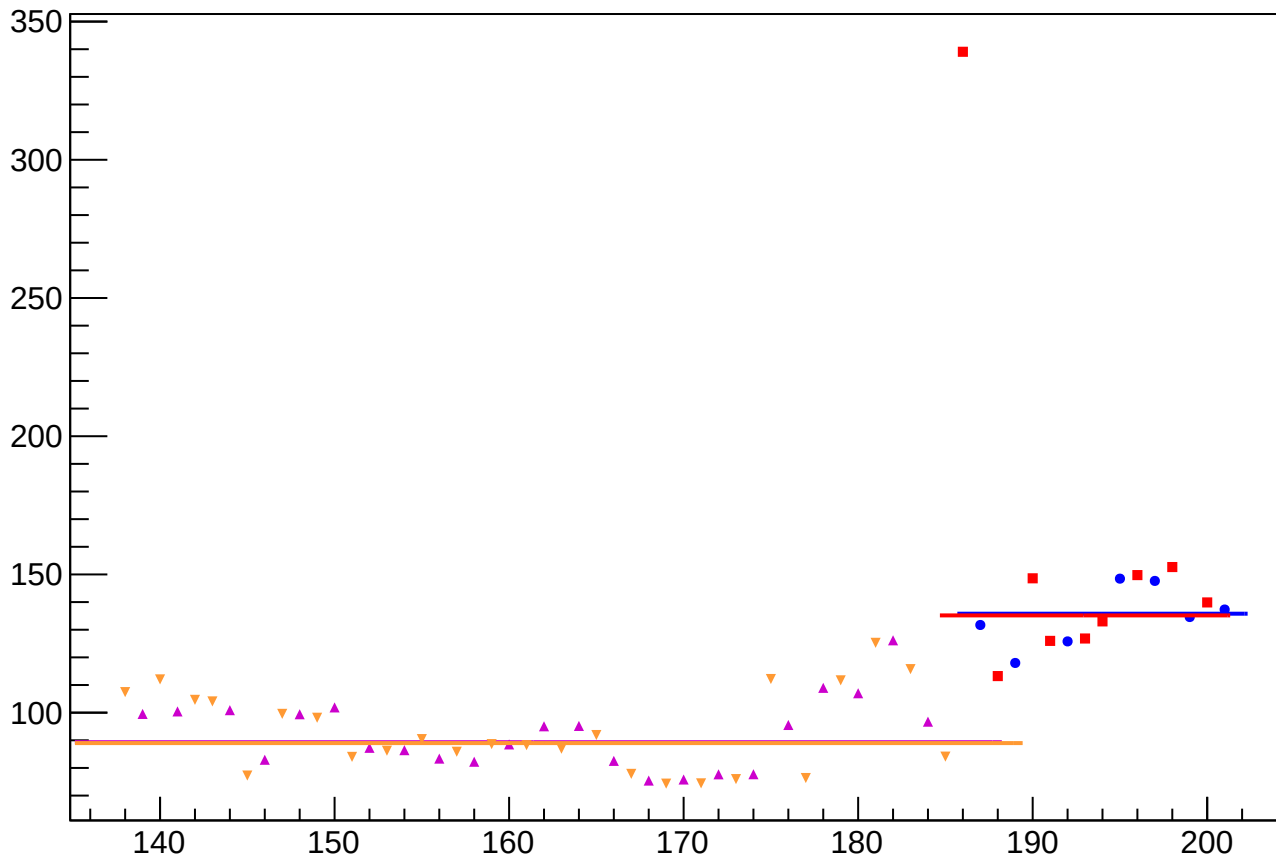
Left In: -2.505 ± 21.582 χ^2/NDF : 18.0/22

+ sign -10.382 ± 20.116 χ^2/NDF : 29.5/31

All: -5.553 ± 14.251 χ^2/NDF : 54.1/63

- sign -0.688 ± 20.193 χ^2/NDF : 24.5/31

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 135.799 $\pm$ 0.047 χ^2 /NDF: 49199.8/6

Left Out: 88.991 $\pm$ 0.015 χ^2 /NDF: 807471.2/24

Right Out: 135.183 $\pm$ 0.040 χ^2 /NDF: 379718.6/8

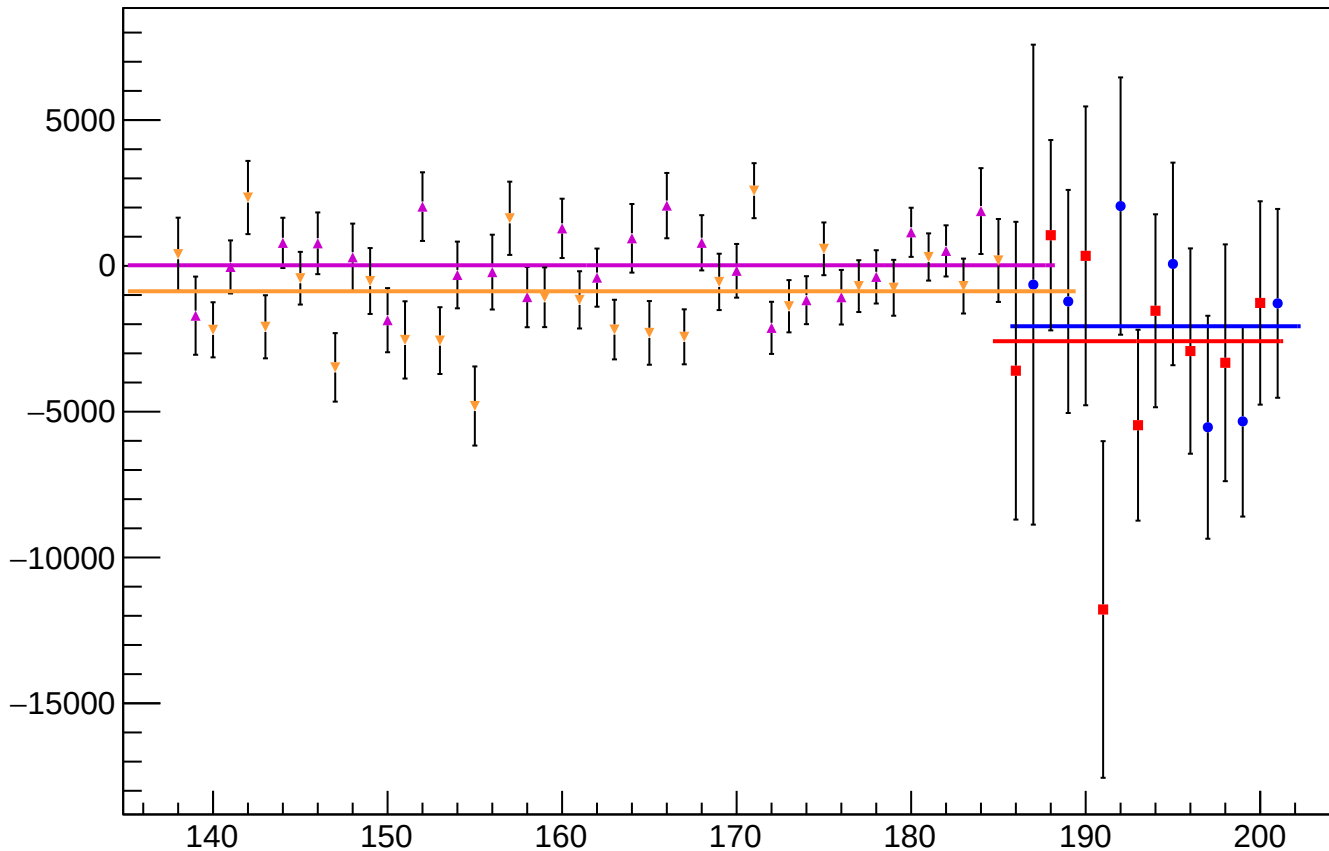
Left In: 89.321 $\pm$ 0.015 χ^2 /NDF: 560433.9/22

+ sign 93.338 $\pm$ 0.014 χ^2 /NDF: 1768914.6/31

All: 94.184 $\pm$ 0.010 χ^2 /NDF: 3841560.6/63

- sign 95.036 $\pm$ 0.014 χ^2 /NDF: 2065542.6/31

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -2070.180+/-1450.995 χ^2 /NDF: 3.2/6

Left Out: -871.061+/-205.986 χ^2 /NDF: 57.6/24

Right Out: -2583.284+/-1281.838 χ^2 /NDF: 5.2/8

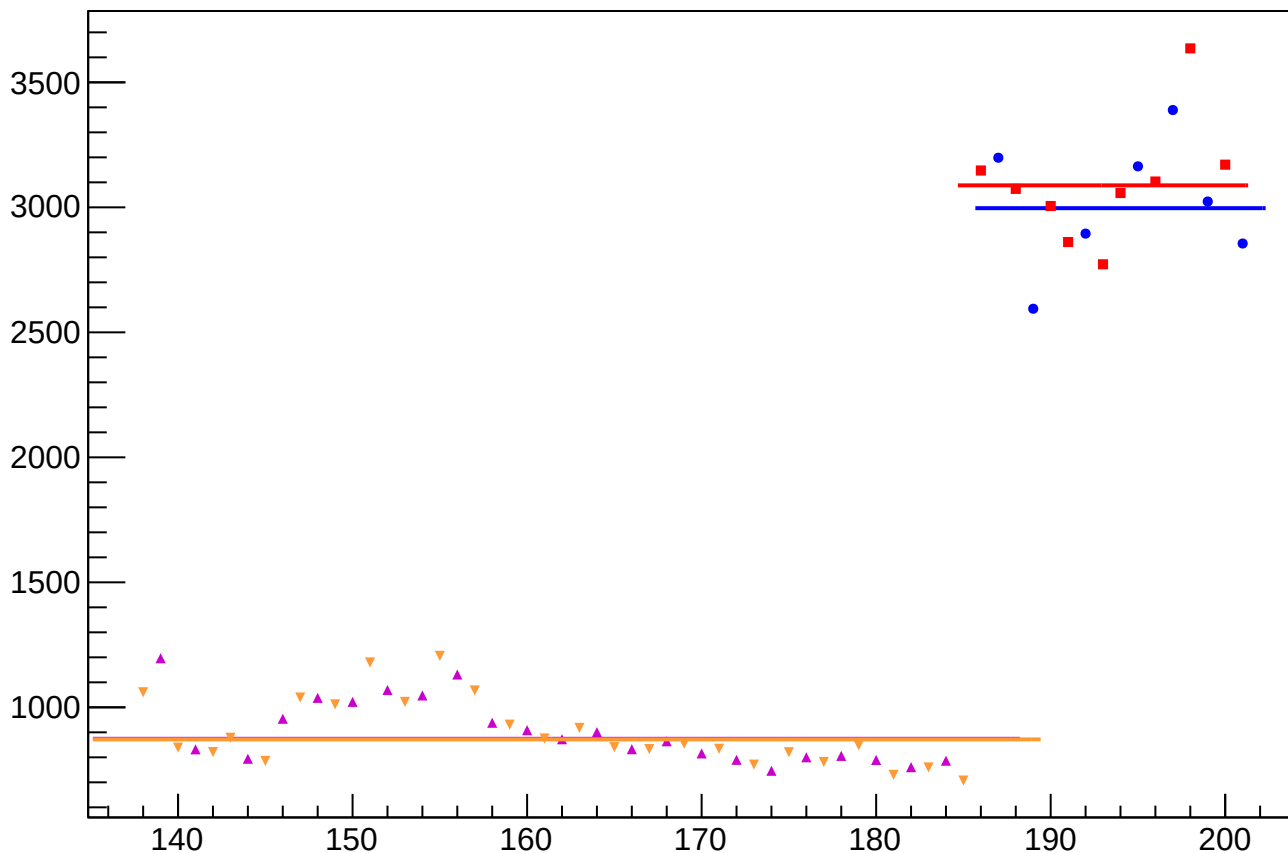
Left In: 20.573+/-210.177 χ^2 /NDF: 29.7/22

+ sign -894.750+/-203.941 χ^2 /NDF: 61.5/31

All: -478.311+/-145.418 χ^2 /NDF: 108.9/63

- sign -47.597+/-207.407 χ^2 /NDF: 38.9/31

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 2996.689+/-1.026 χ^2/NDF : 54062.4/6

Left Out: 871.690+/-0.146 χ^2/NDF : 642403.4/24

Right Out: 3087.970+/-0.906 χ^2/NDF : 60279.3/8

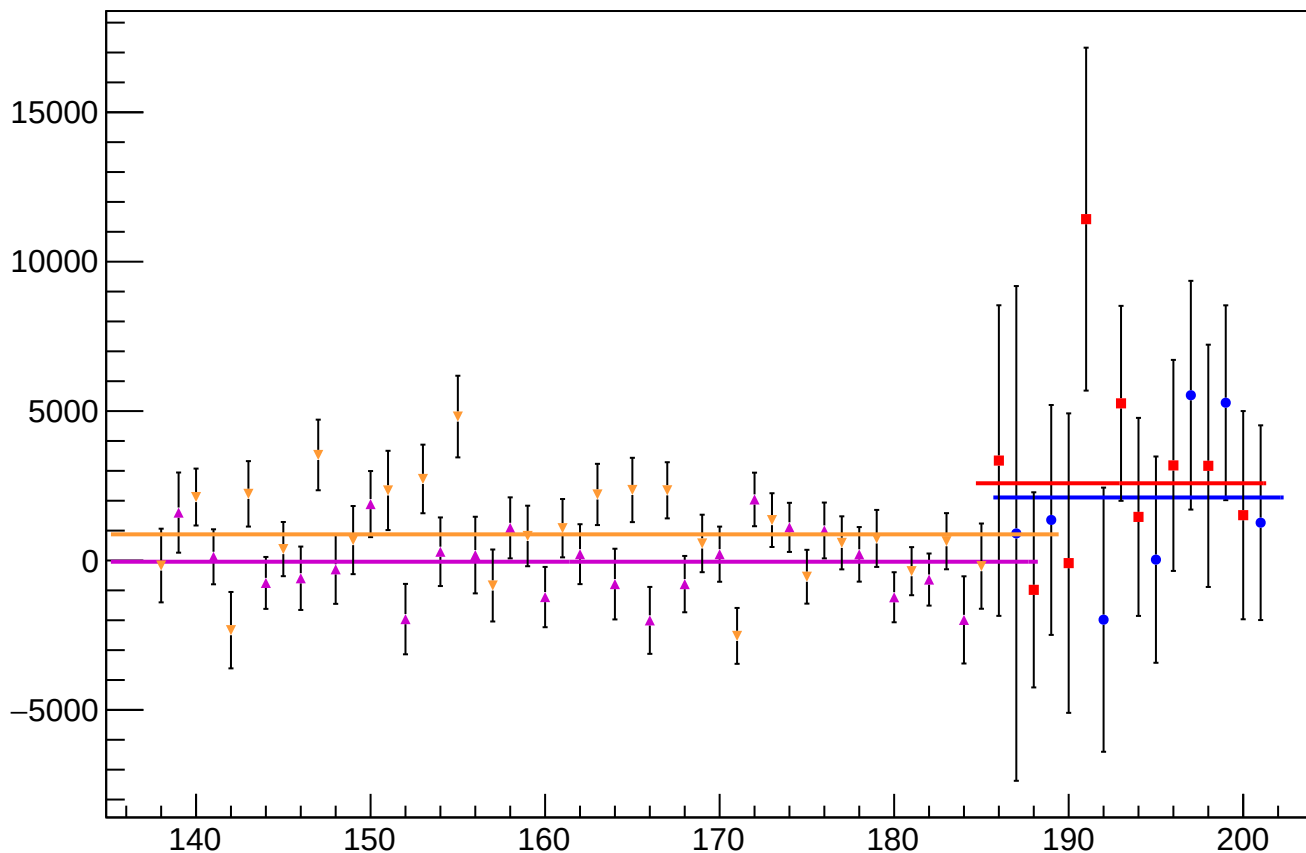
Left In: 874.055+/-0.149 χ^2/NDF : 578510.6/22

+ sign 913.670+/-0.144 χ^2/NDF : 4901314.3/31

All: 922.689+/-0.103 χ^2/NDF : 11357898.6/63

- sign 932.017+/-0.147 χ^2/NDF : 6448627.0/31

asym_sam_24_68_dd_mean vs Slug



Right In: 2109.107 $\pm$ 1452.752 χ^2 /NDF: 3.1/6

Left Out: 875.084 $\pm$ 205.572 χ^2 /NDF: 55.1/24

Right Out: 2584.267 $\pm$ 1280.951 χ^2 /NDF: 4.8/8

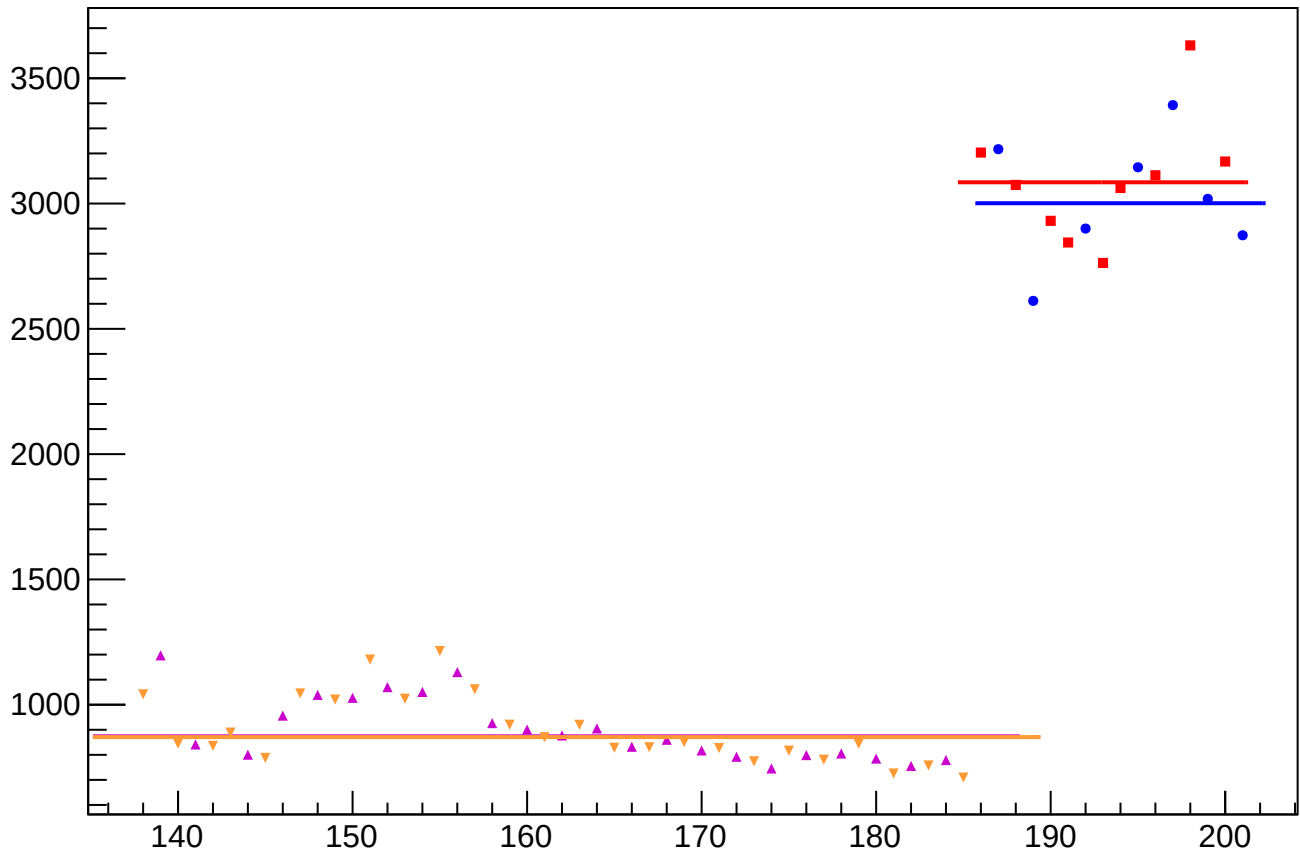
Left In: -41.523 $\pm$ 210.209 χ^2 /NDF: 28.1/22

+ sign 899.308 $\pm$ 203.544 χ^2 /NDF: 58.9/31

All: 471.574 $\pm$ 145.283 χ^2 /NDF: 104.9/63

- sign 27.335 $\pm$ 207.434 χ^2 /NDF: 37.0/31

asym_sam_24_68_dd_rms vs Slug



Right In: 3001.311 $\pm$ 1.027 χ^2/NDF : 50445.6/6

Left Out: 870.853 $\pm$ 0.145 χ^2/NDF : 651805.6/24

Right Out: 3084.849 $\pm$ 0.906 χ^2/NDF : 63576.4/8

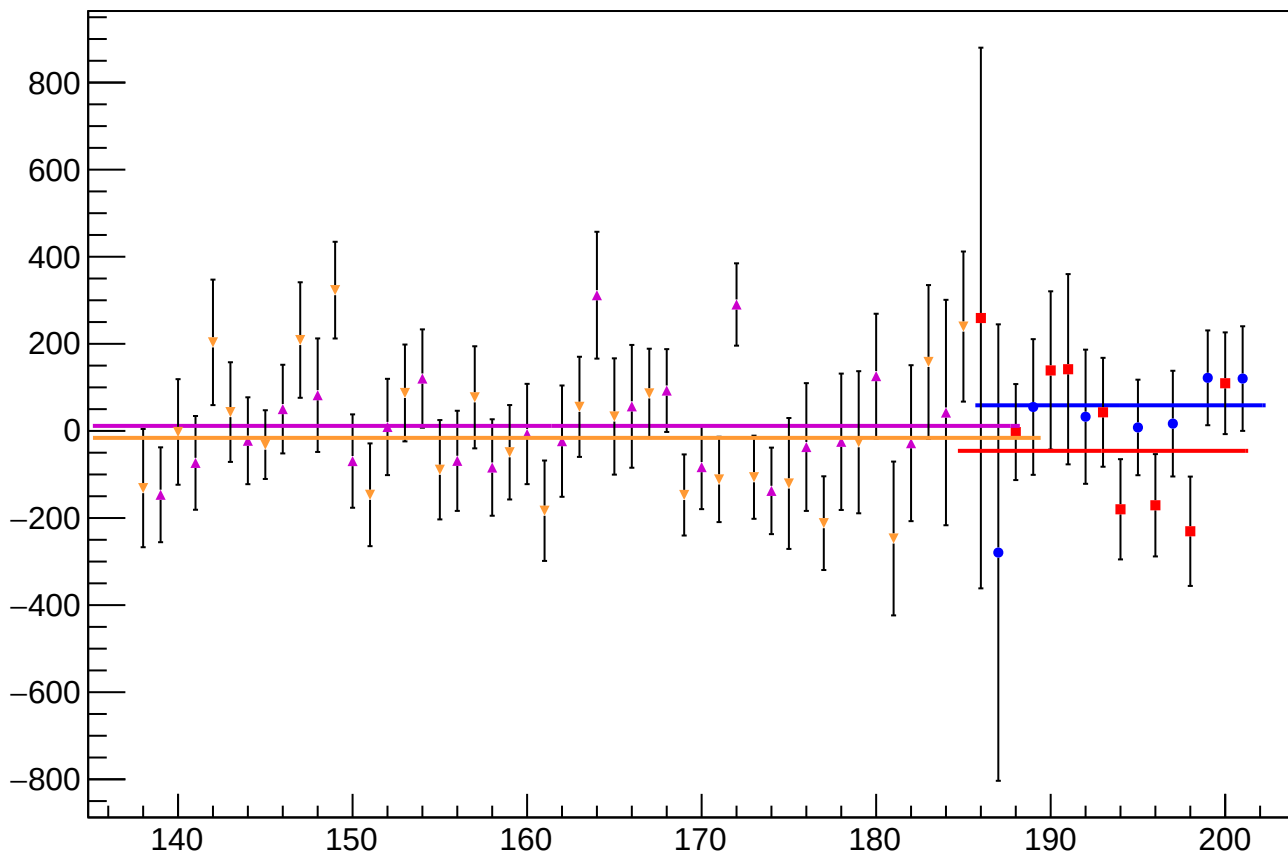
Left In: 873.902 $\pm$ 0.149 χ^2/NDF : 583344.5/22

+ sign 912.675 $\pm$ 0.144 χ^2/NDF : 4919048.6/31

All: 922.097 $\pm$ 0.103 χ^2/NDF : 11376743.5/63

- sign 931.881 $\pm$ 0.147 χ^2/NDF : 6448959.8/31

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 58.832 ± 50.531 χ^2/NDF : 1.4/6

Left Out: -15.956 ± 23.377 χ^2/NDF : 34.9/24

Right Out: -45.742 ± 45.419 χ^2/NDF : 9.1/8

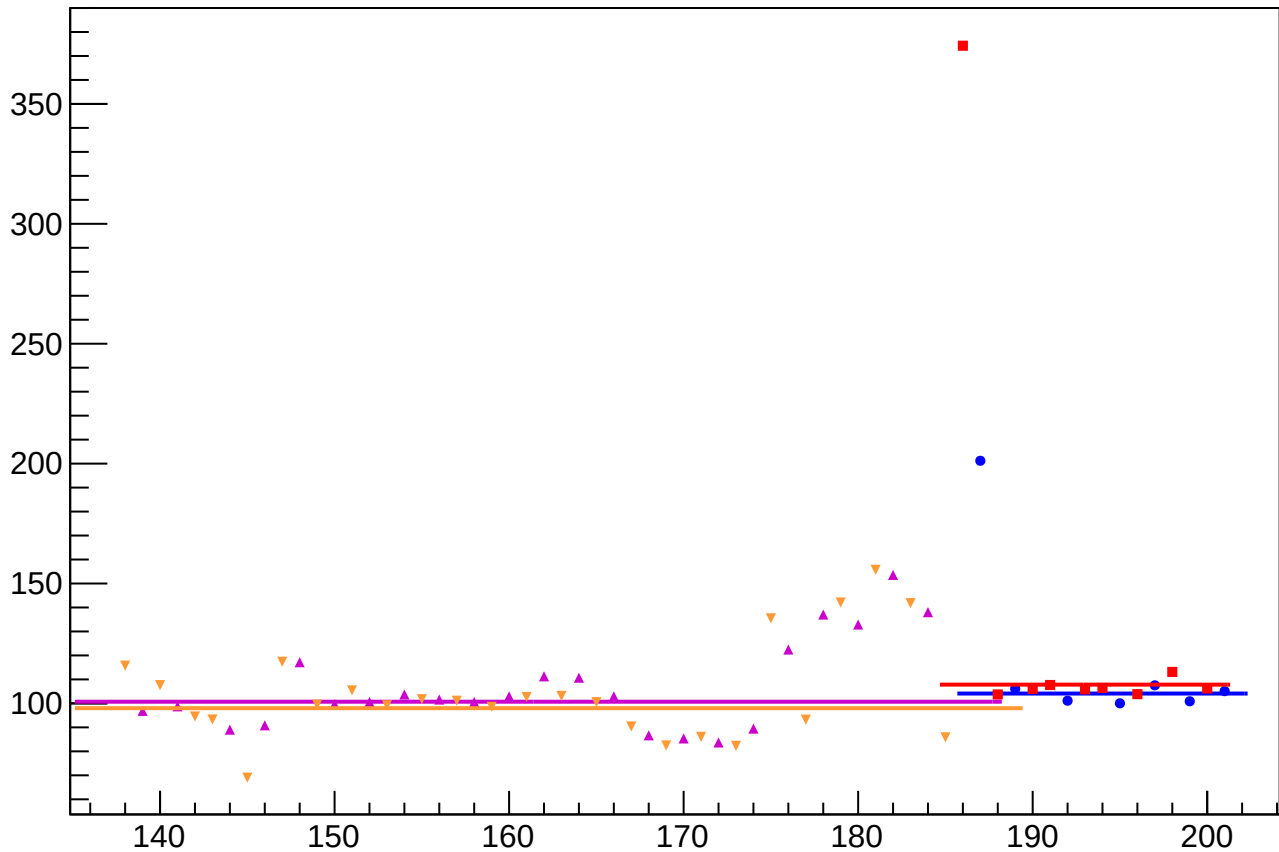
Left In: 11.570 ± 24.412 χ^2/NDF : 24.0/22

+ sign -2.771 ± 21.217 χ^2/NDF : 38.1/31

All: -2.033 ± 15.103 χ^2/NDF : 72.4/63

- sign -1.276 ± 21.503 χ^2/NDF : 34.3/31

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 104.110 $\pm$ 0.036 χ^2 /NDF: 75926.7/6

Left Out: 98.001 $\pm$ 0.017 χ^2 /NDF:1155021.9/24

Right Out: 107.824 $\pm$ 0.032 χ^2 /NDF: 378370.5/8

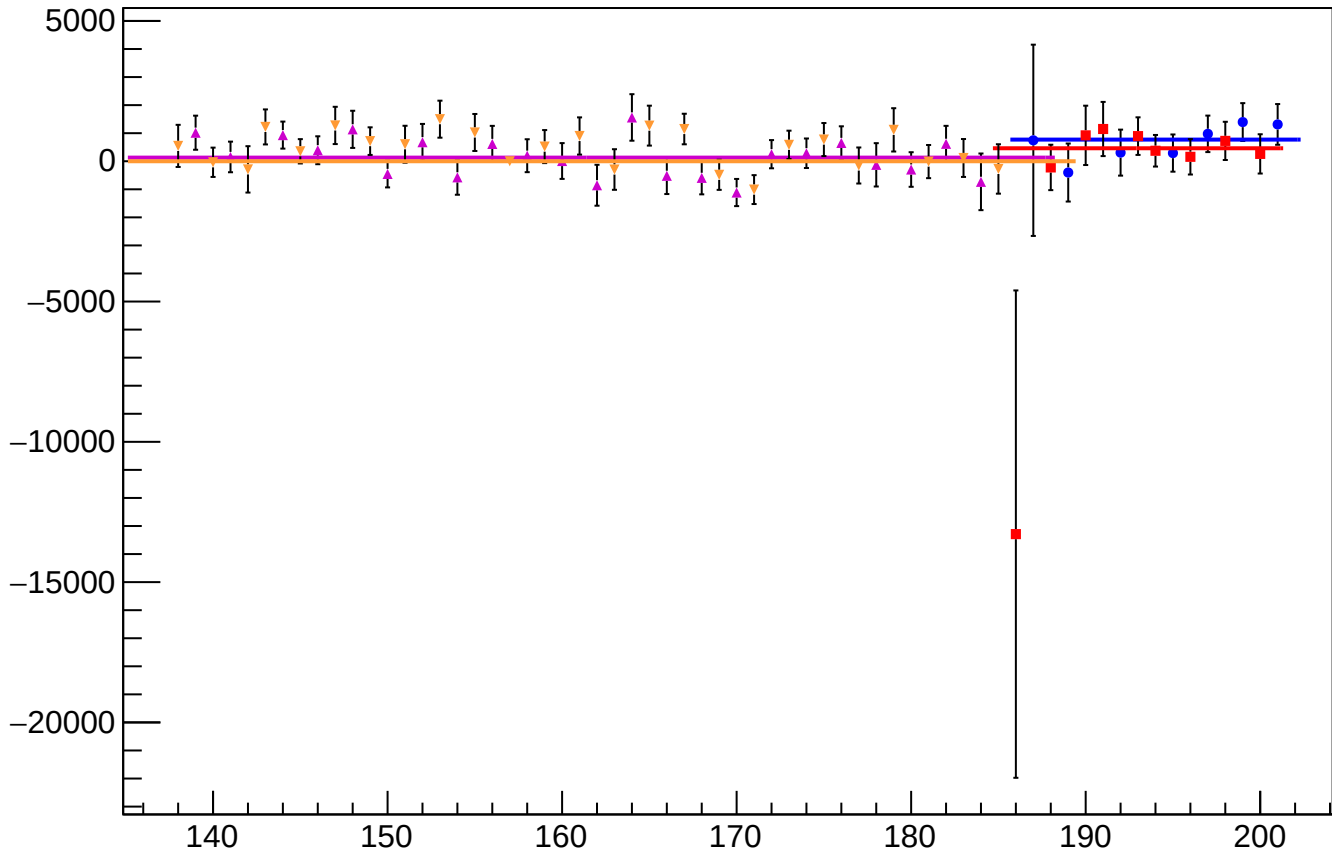
Left In: 100.704 $\pm$ 0.017 χ^2 /NDF:759922.8/22

+ sign 99.078 $\pm$ 0.015 χ^2 /NDF: 1255022.8/31

All: 100.667 $\pm$ 0.011 χ^2 /NDF: 2454191.7/63

- sign 102.299 $\pm$ 0.015 χ^2 /NDF: 1176426.0/31

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 771.635 $\pm$ 298.208 χ^2 /NDF: 3.6/6

Left Out: -0.000 $\pm$ -0.000 χ^2 /NDF:39.9/24

Right Out: 462.612 $\pm$ 253.181 χ^2 /NDF: 4.8/8

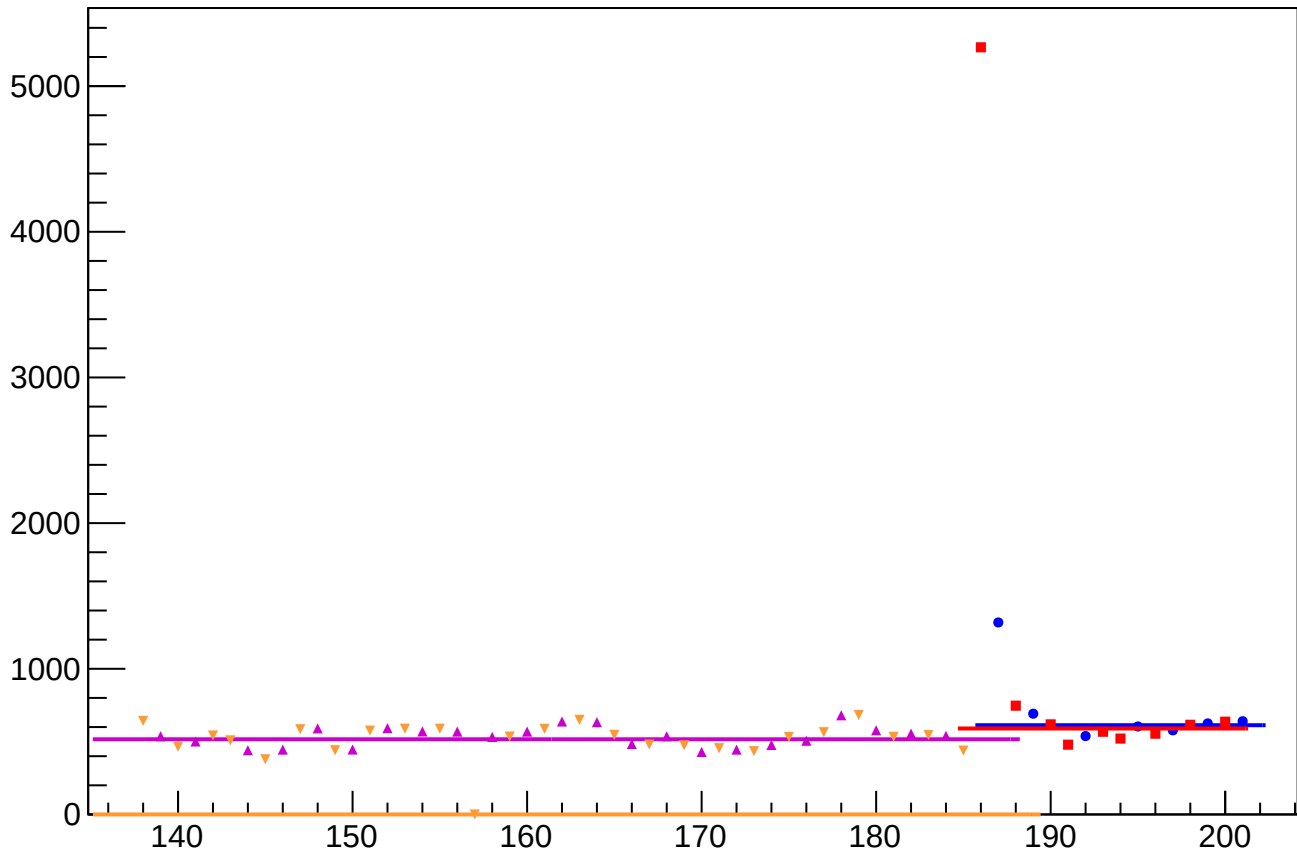
Left In: 129.094 $\pm$ 124.247 χ^2 /NDF:28.3/22

+ sign -0.000 $\pm$ -0.000 χ^2 /NDF: 50.2/31

All: -0.000 $\pm$ -0.000 χ^2 /NDF: 87.8/63

- sign 193.825 $\pm$ 111.540 χ^2 /NDF: 34.5/31

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 612.621 $\pm$ 0.211 χ^2/NDF : 123534.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 34974091.9/24

Right Out: 590.049 $\pm$ 0.179 χ^2/NDF : 733130.0/8

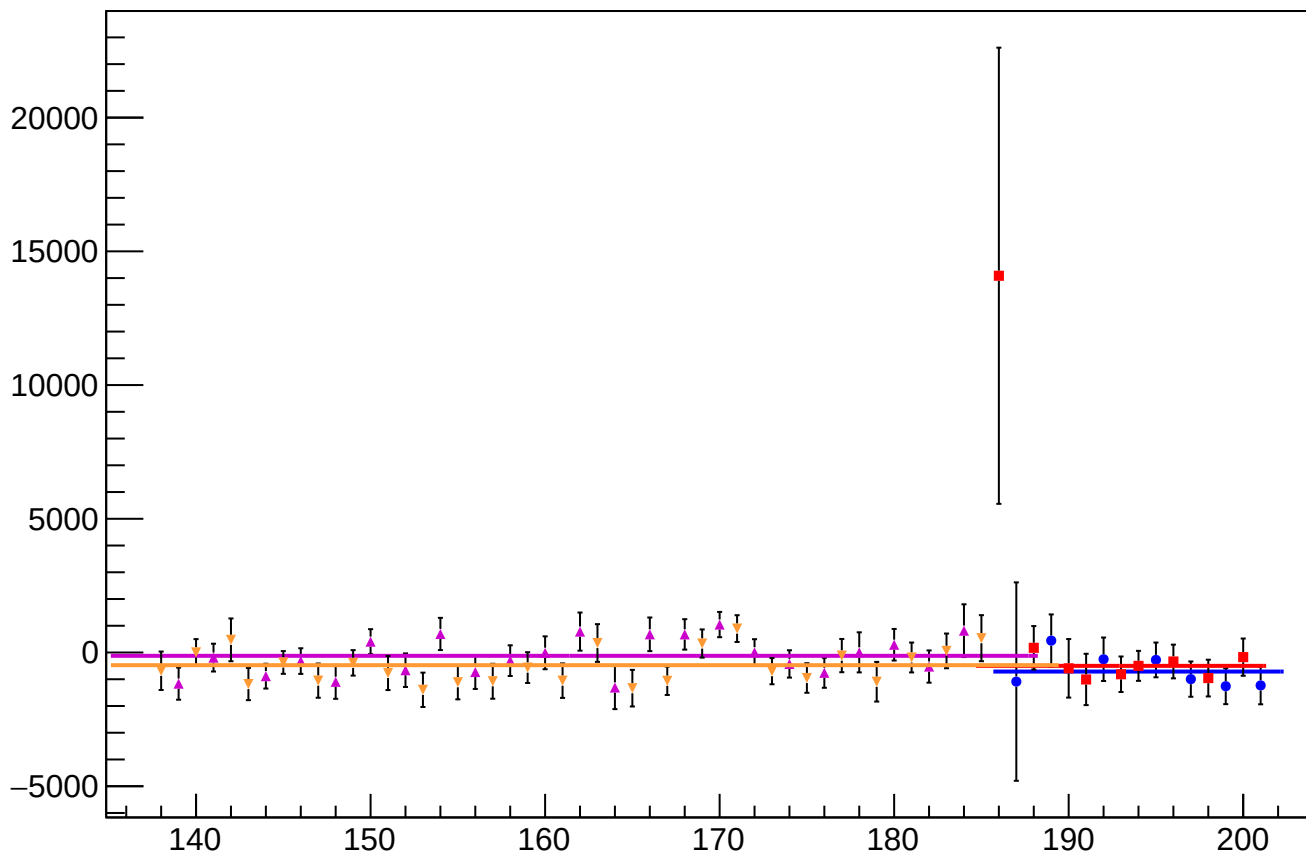
Left In: 516.120 $\pm$ 0.088 χ^2/NDF : 571744.7/22

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 43538262.5/31

All: 0.000 $\pm$ 0.000 χ^2/NDF : 90217289.1/63

- sign 530.469 $\pm$ 0.079 χ^2/NDF : 1442304.9/31

asym_sam_26_48_dd_mean vs Slug



Right In: -712.409 ± 294.582 χ^2/NDF : 3.6/6

Left Out: -473.870 ± 117.977 χ^2/NDF : 27.9/24

Right Out: -499.612 ± 253.199 χ^2/NDF : 4.9/8

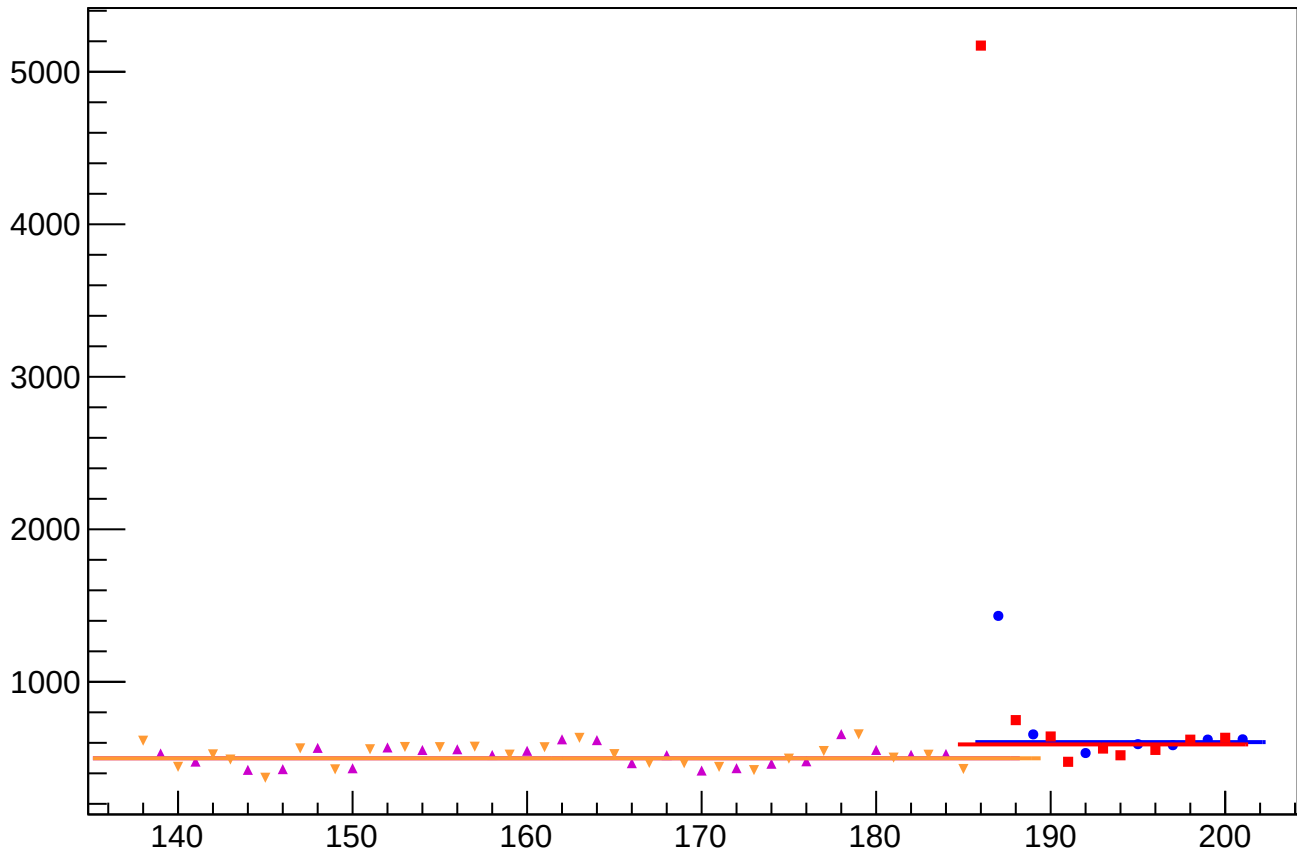
Left In: -124.022 ± 120.216 χ^2/NDF : 30.2/22

+ sign -506.842 ± 109.521 χ^2/NDF : 32.1/31

All: -348.650 ± 77.114 χ^2/NDF : 73.0/63

- sign -193.114 ± 108.597 χ^2/NDF : 36.8/31

asym_sam_26_48_dd_rms vs Slug



Right In: 604.750+/-0.208 χ^2/NDF : 125774.5/6

Left Out: 498.662+/-0.083 χ^2/NDF : 734652.4/24

Right Out: 589.707+/-0.179 χ^2/NDF : 740869.4/8

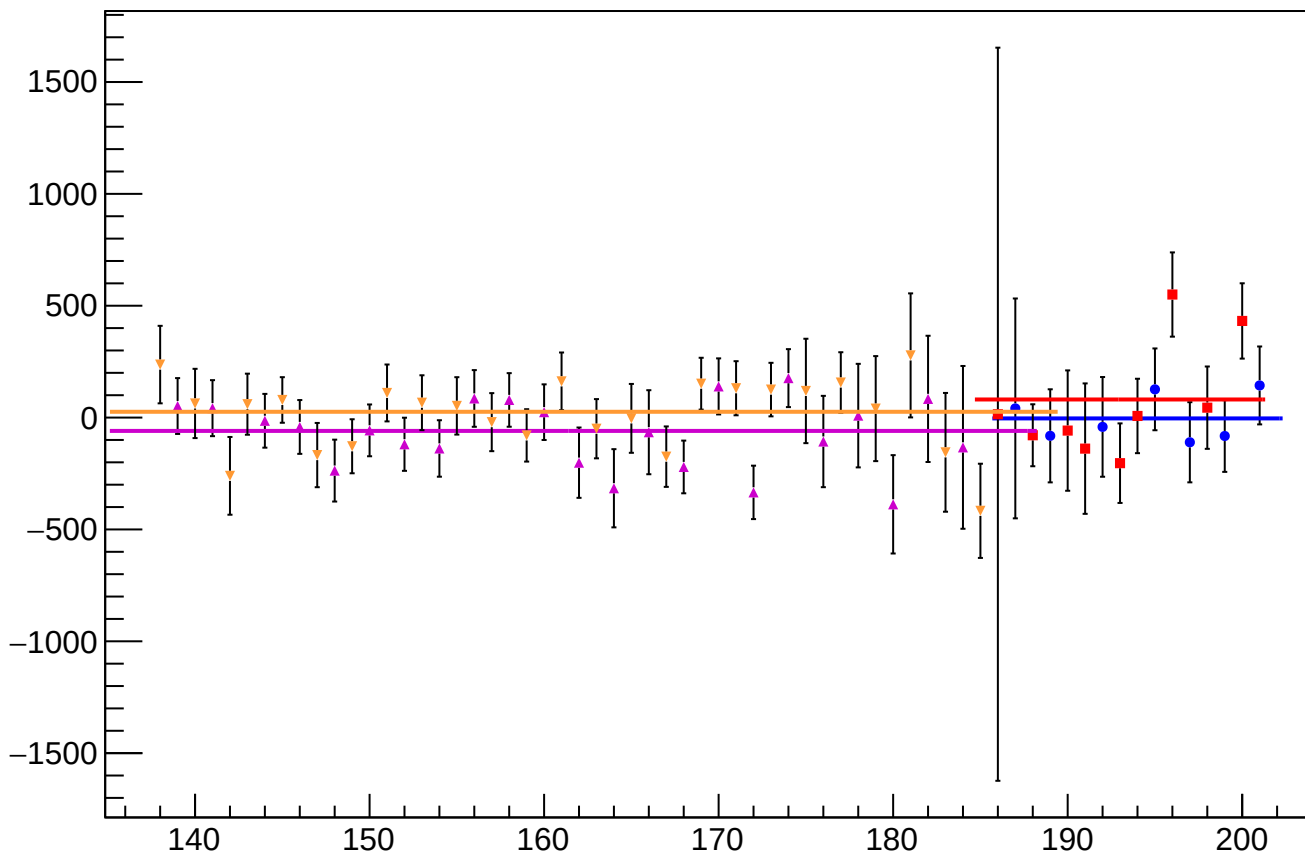
Left In: 498.835+/-0.085 χ^2/NDF : 572334.3/22

+ sign 513.326+/-0.077 χ^2/NDF : 1083959.3/31

All: 514.448+/-0.055 χ^2/NDF : 2607801.1/63

- sign 515.551+/-0.077 χ^2/NDF : 1523425.5/31

dit_asym_sam_1548_avg_mean vs Slug



Right In: -3.730 ± 74.473 χ^2/NDF : 2.0/6

Left Out: 25.940 ± 28.120 χ^2/NDF : 22.7/24

Right Out: 80.918 ± 64.699 χ^2/NDF : 15.5/8

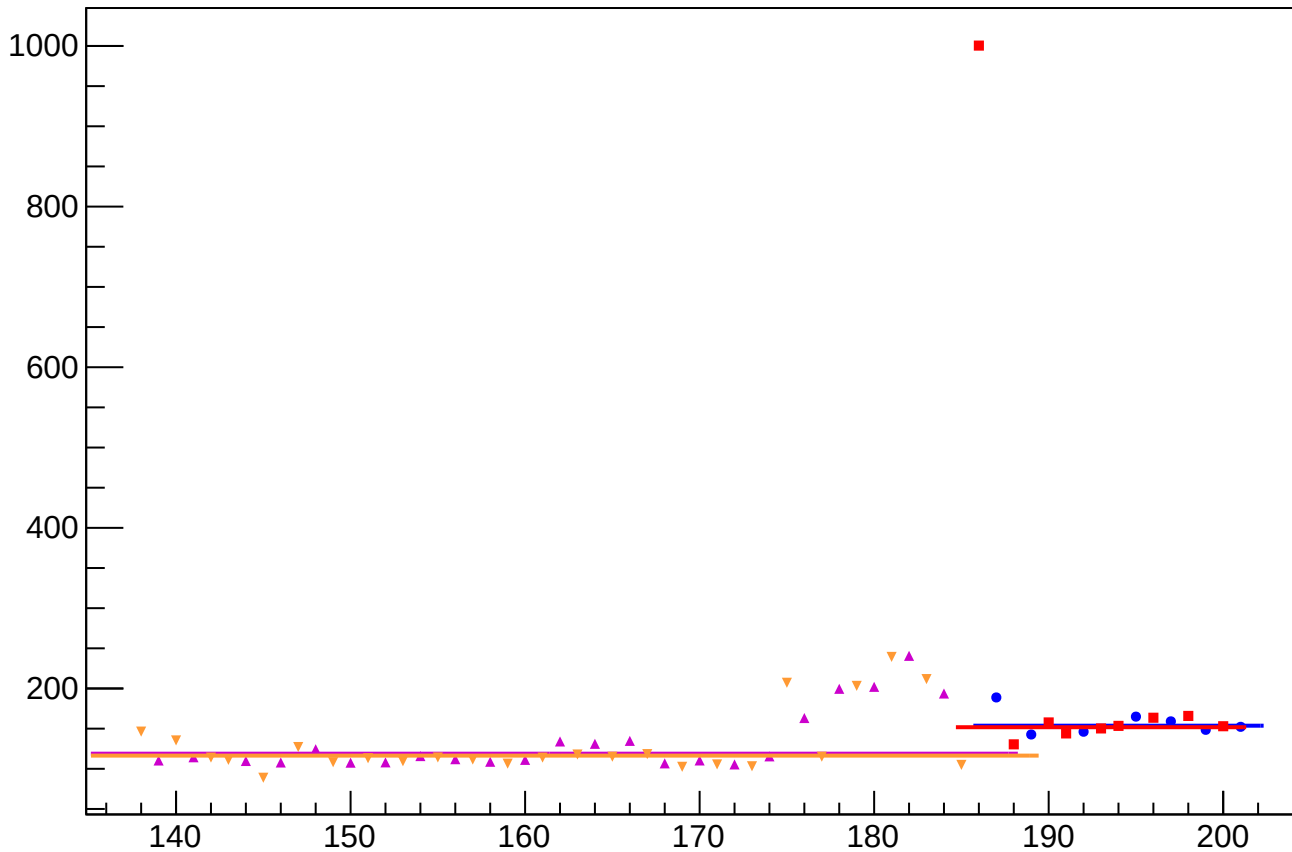
Left In: -59.603 ± 29.184 χ^2/NDF : 25.6/22

+ sign 22.237 ± 26.308 χ^2/NDF : 24.8/31

All: -6.481 ± 18.706 χ^2/NDF : 72.3/63

- sign -35.847 ± 26.603 χ^2/NDF : 45.1/31

dit_asym_sam_1548_avg_rms vs Slug



Right In: 153.676 $\pm$ 0.053 χ^2 /NDF: 29700.8/6

Left Out: 116.427 $\pm$ 0.020 χ^2 /NDF: 1589669.4/24

Right Out: 151.776 $\pm$ 0.046 χ^2 /NDF: 606294.6/8

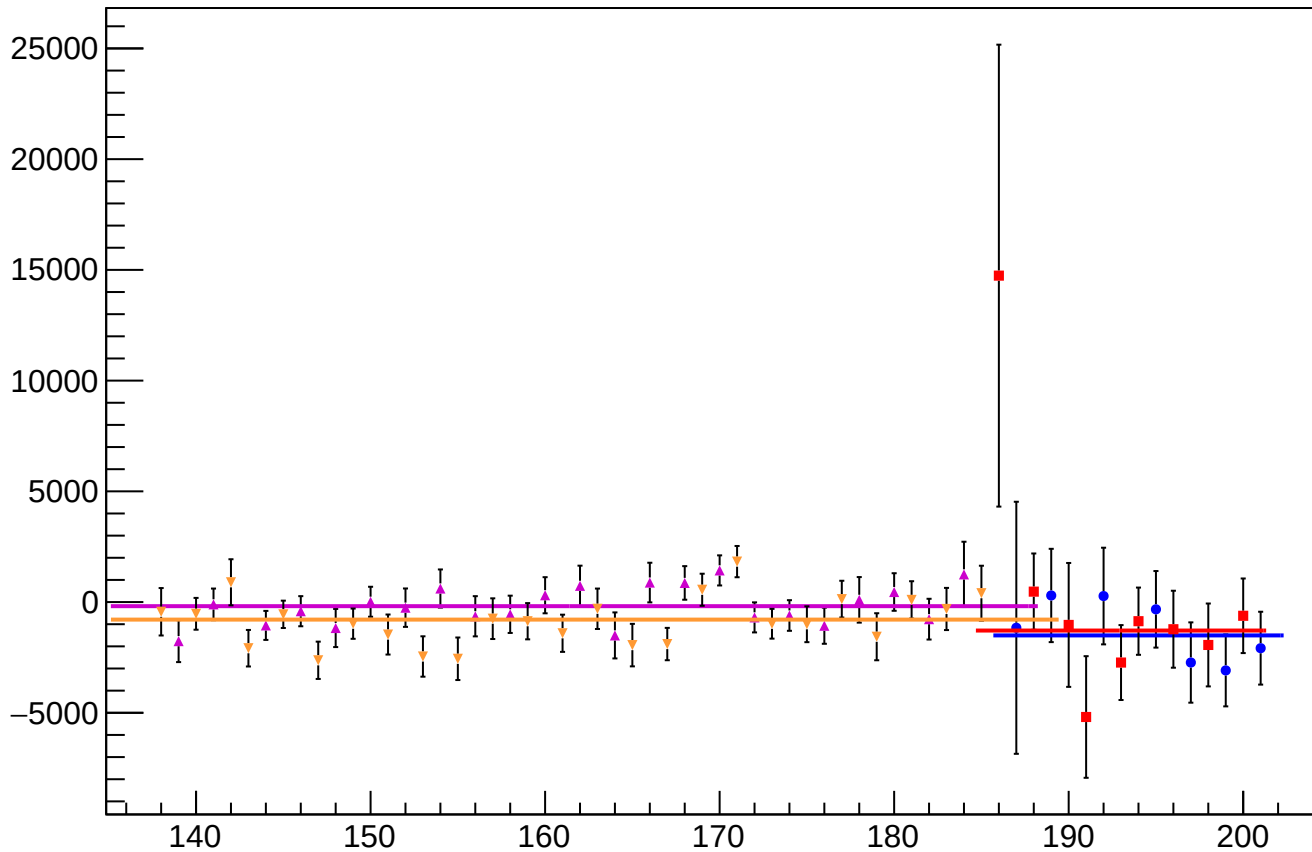
Left In: 118.822 $\pm$ 0.021 χ^2 /NDF: 1289178.7/22

+ sign 121.075 $\pm$ 0.019 χ^2 /NDF: 2057255.6/31

All: 122.716 $\pm$ 0.013 χ^2 /NDF: 4399591.3/63

- sign 124.393 $\pm$ 0.019 χ^2 /NDF: 2326607.5/31

asym_sam_1548_avg_correction_mean vs Slug



Right In: -1505.956 ± 734.454 χ^2/NDF : 3.4/6

Left Out: -791.963 ± 165.971 χ^2/NDF : 43.6/24

Right Out: -1285.805 ± 651.084 χ^2/NDF : 6.5/8

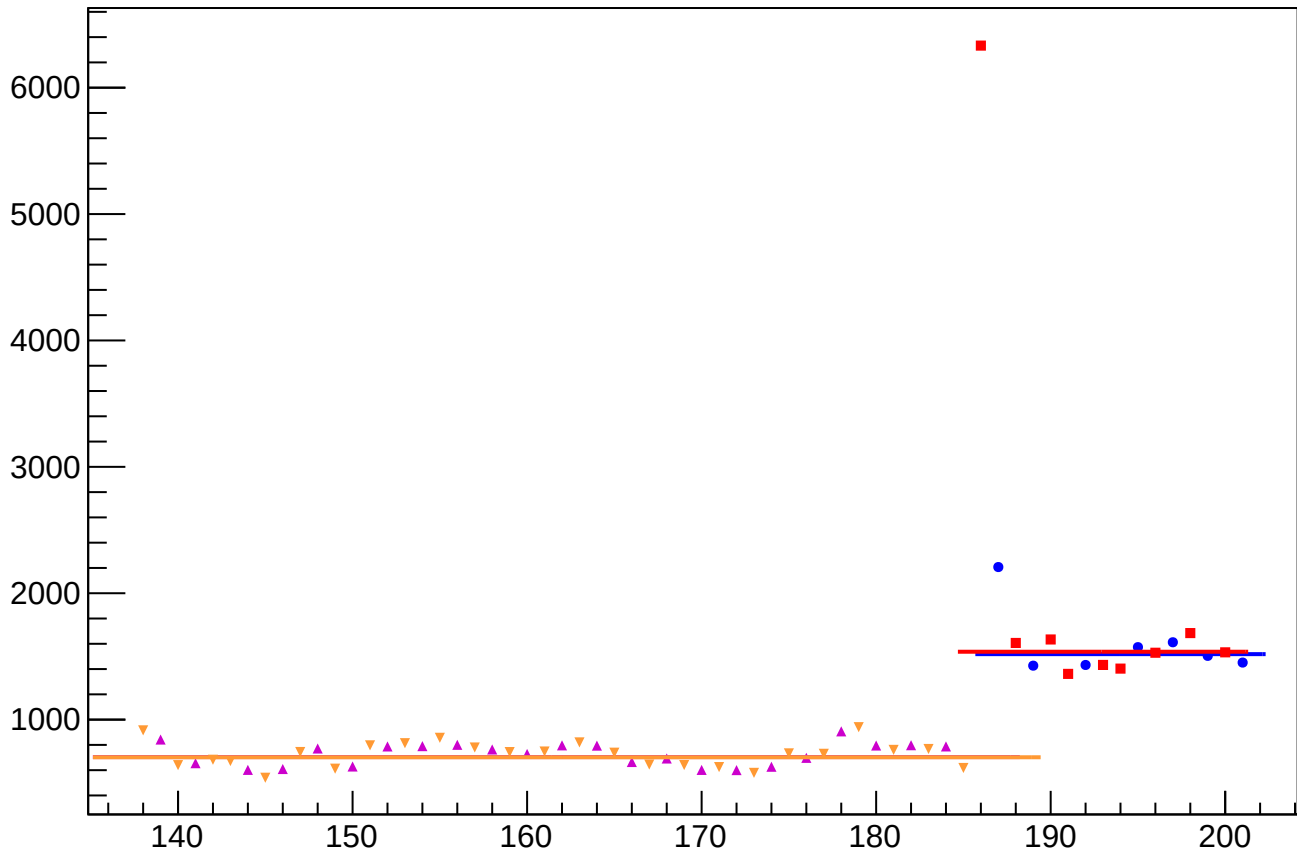
Left In: -185.191 ± 169.174 χ^2/NDF : 23.4/22

+ sign -826.652 ± 161.889 χ^2/NDF : 47.9/31

All: -543.972 ± 115.121 χ^2/NDF : 86.7/63

- sign -254.798 ± 163.737 χ^2/NDF : 32.6/31

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1518.115 $\pm$ 0.519 χ^2 /NDF: 47001.2/6

Left Out: 702.152 $\pm$ 0.117 χ^2 /NDF: 691552.2/24

Right Out: 1537.139 $\pm$ 0.460 χ^2 /NDF: 472271.1/8

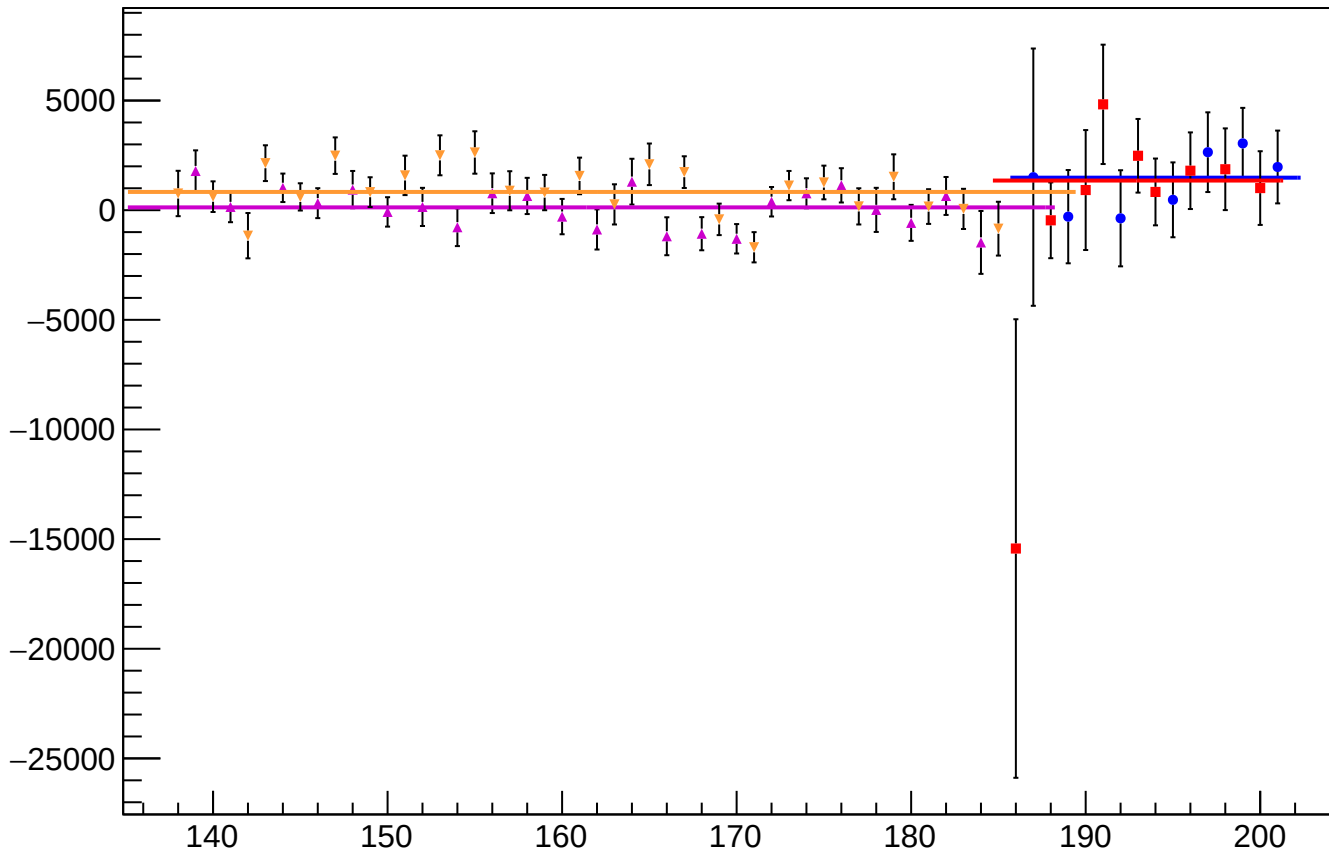
Left In: 703.710 $\pm$ 0.120 χ^2 /NDF: 533573.3/22

+ sign 741.796 $\pm$ 0.114 χ^2 /NDF: 3087165.1/31

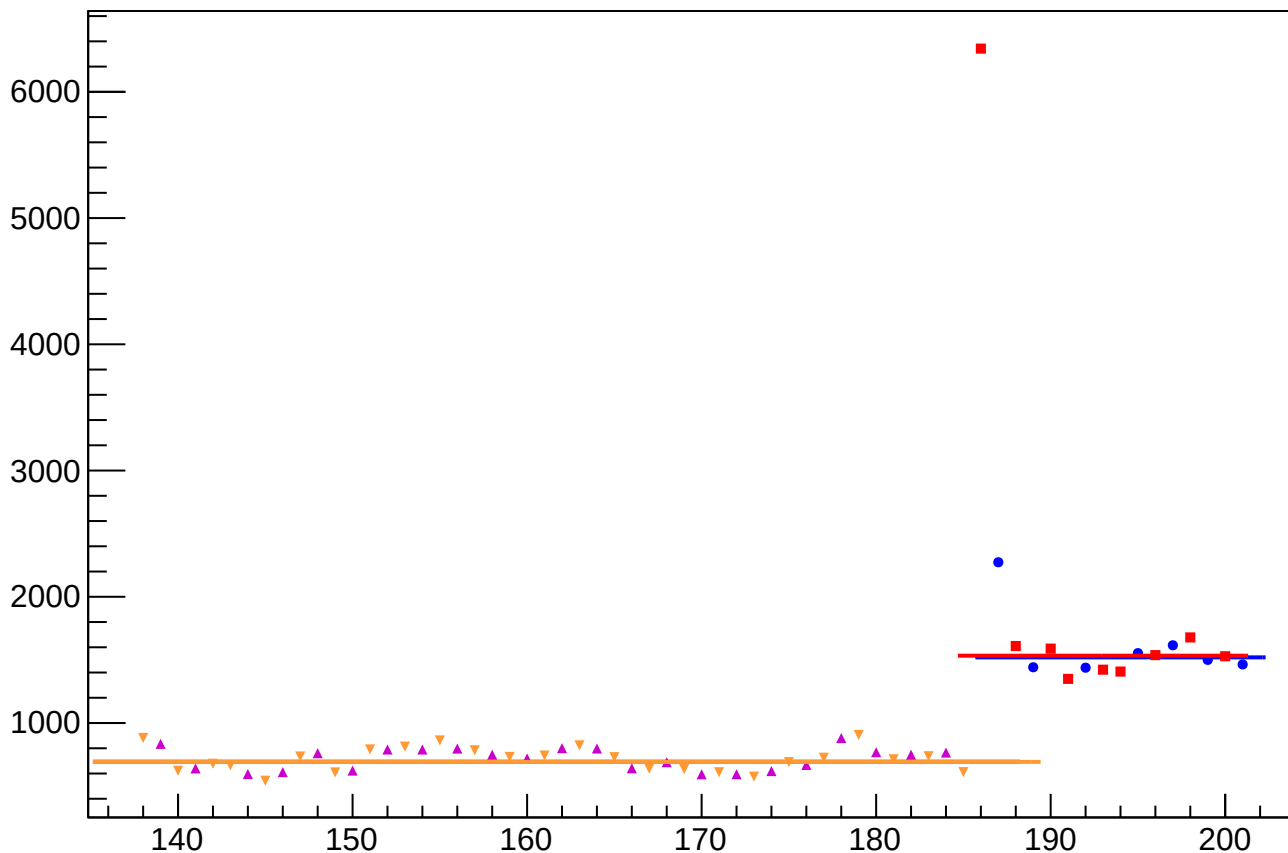
All: 749.024 $\pm$ 0.081 χ^2 /NDF: 7170941.7/63

- sign 756.419 $\pm$ 0.116 χ^2 /NDF: 4075709.5/31

asym_sam_1548_avg_mean vs Slug



asym_sam_1548_avg_rms vs Slug



Right In: 1520.142 $\pm$ 0.520 χ^2 /NDF: 47393.5/6

Left Out: 692.071 $\pm$ 0.116 χ^2 /NDF: 657636.6/24

Right Out: 1533.487 $\pm$ 0.459 χ^2 /NDF: 471399.4/8

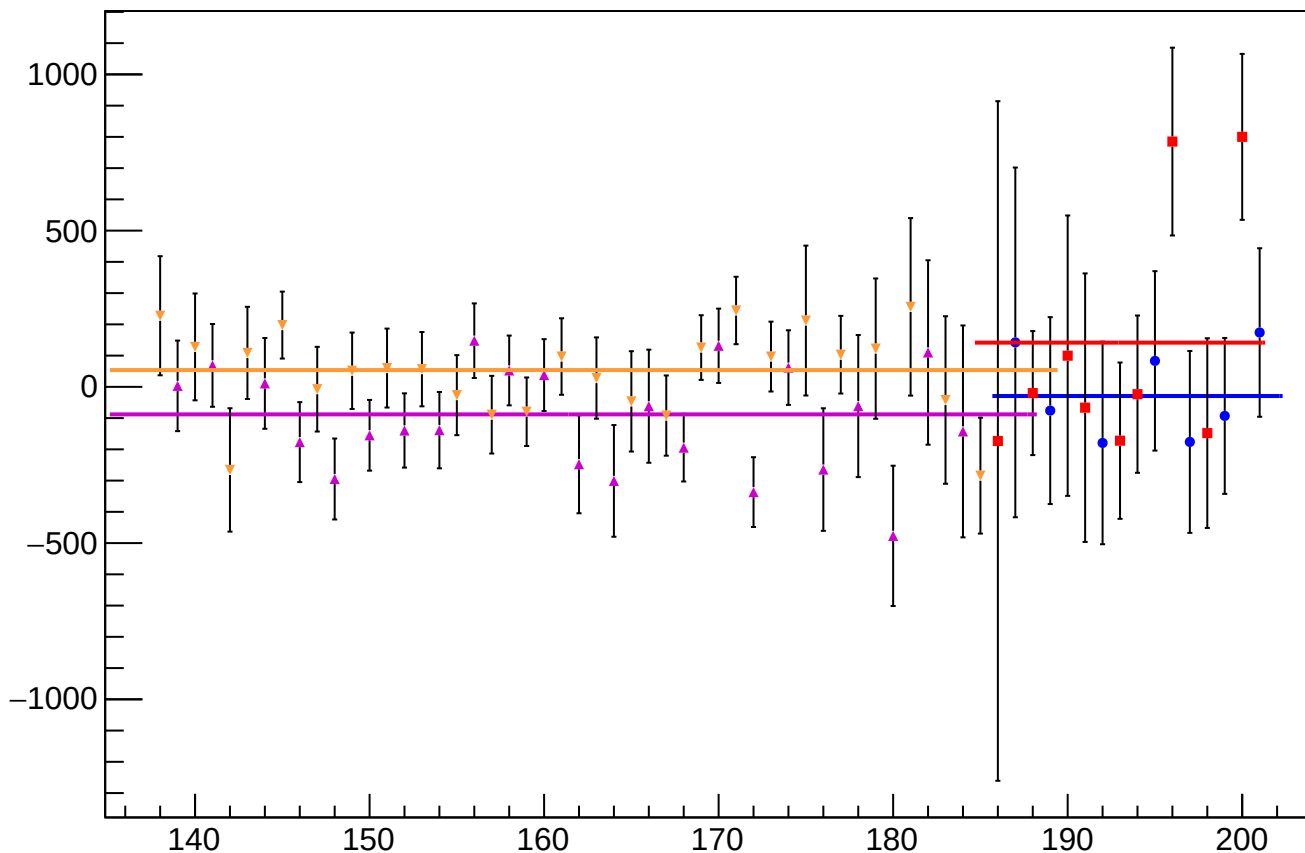
Left In: 693.615 $\pm$ 0.118 χ^2 /NDF: 520692.6/22

+ sign 731.034 $\pm$ 0.113 χ^2 /NDF: 3121029.5/31

All: 738.210 $\pm$ 0.080 χ^2 /NDF: 7255836.6/63

- sign 745.574 $\pm$ 0.114 χ^2 /NDF: 4126607.8/31

dit_asym_sam_3748_avg_mean vs Slug



Right In: -29.319 ± 113.496 χ^2/NDF : 1.4/6

Left Out: 53.701 ± 27.462 χ^2/NDF : 19.2/24

Right Out: 141.533 ± 97.822 χ^2/NDF : 14.6/8

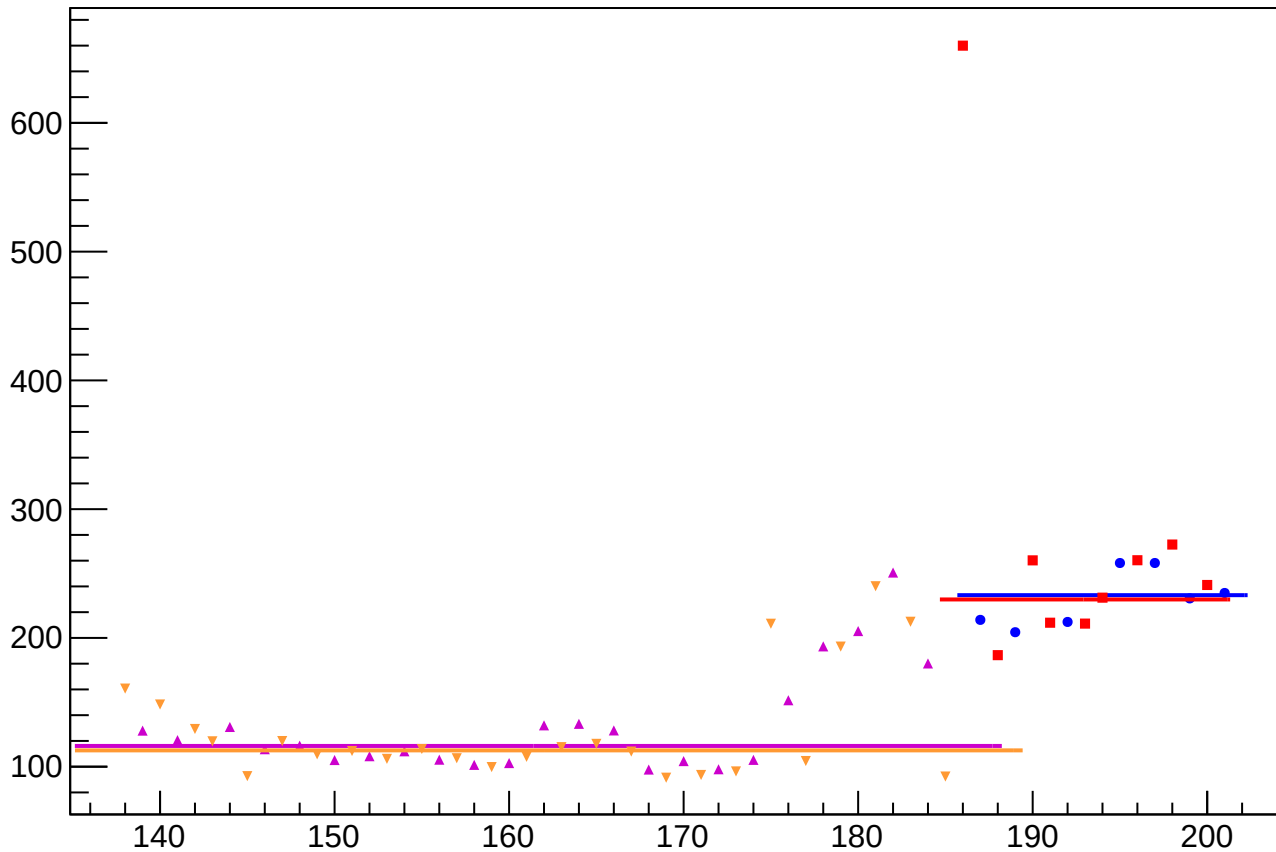
Left In: -88.085 ± 28.764 χ^2/NDF : 30.4/22

+ sign 49.109 ± 26.692 χ^2/NDF : 21.1/31

All: -8.372 ± 19.185 χ^2/NDF : 80.8/63

- sign -69.812 ± 27.595 χ^2/NDF : 50.1/31

dit_asym_sam_3748_avg_rms vs Slug



Right In: 233.209 $\pm$ 0.080 χ^2/NDF : 59235.4/6

Left Out: 112.668 $\pm$ 0.019 χ^2/NDF : 1851455.7/24

Right Out: 229.875 $\pm$ 0.069 χ^2/NDF : 495483.9/8

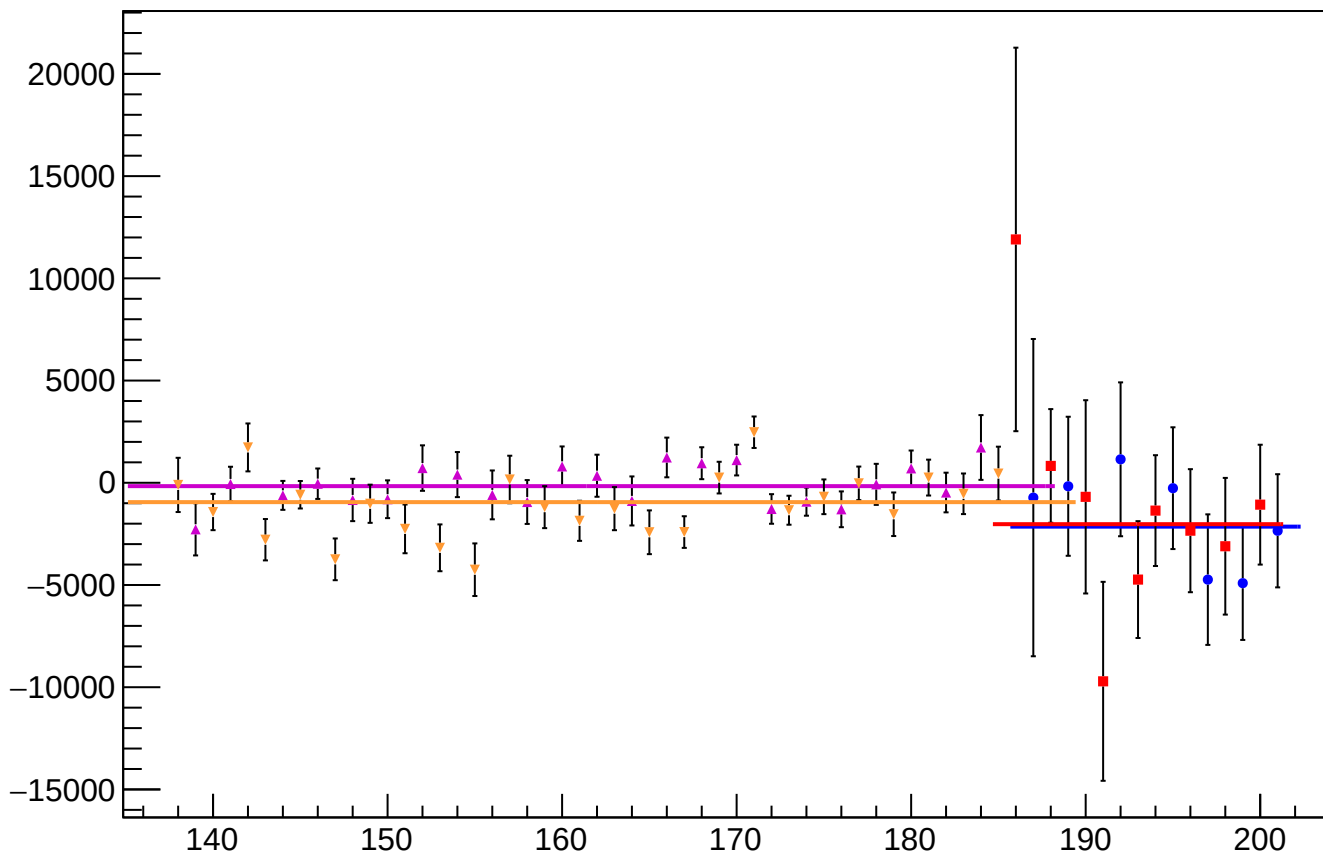
Left In: 116.108 $\pm$ 0.020 χ^2/NDF : 1438879.3/22

+ sign 119.335 $\pm$ 0.019 χ^2/NDF : 4041923.5/31

All: 122.151 $\pm$ 0.014 χ^2/NDF : 8512227.5/63

- sign 125.161 $\pm$ 0.020 χ^2/NDF : 4424243.5/31

asym_sam_3748_avg_correction_mean vs Slug



Right In: -2145.080 ± 1245.554 χ^2/NDF : 3.2/6

Left Out: -946.412 ± 188.668 χ^2/NDF : 63.3/24

Right Out: -2024.632 ± 1116.233 χ^2/NDF : 7.0/8

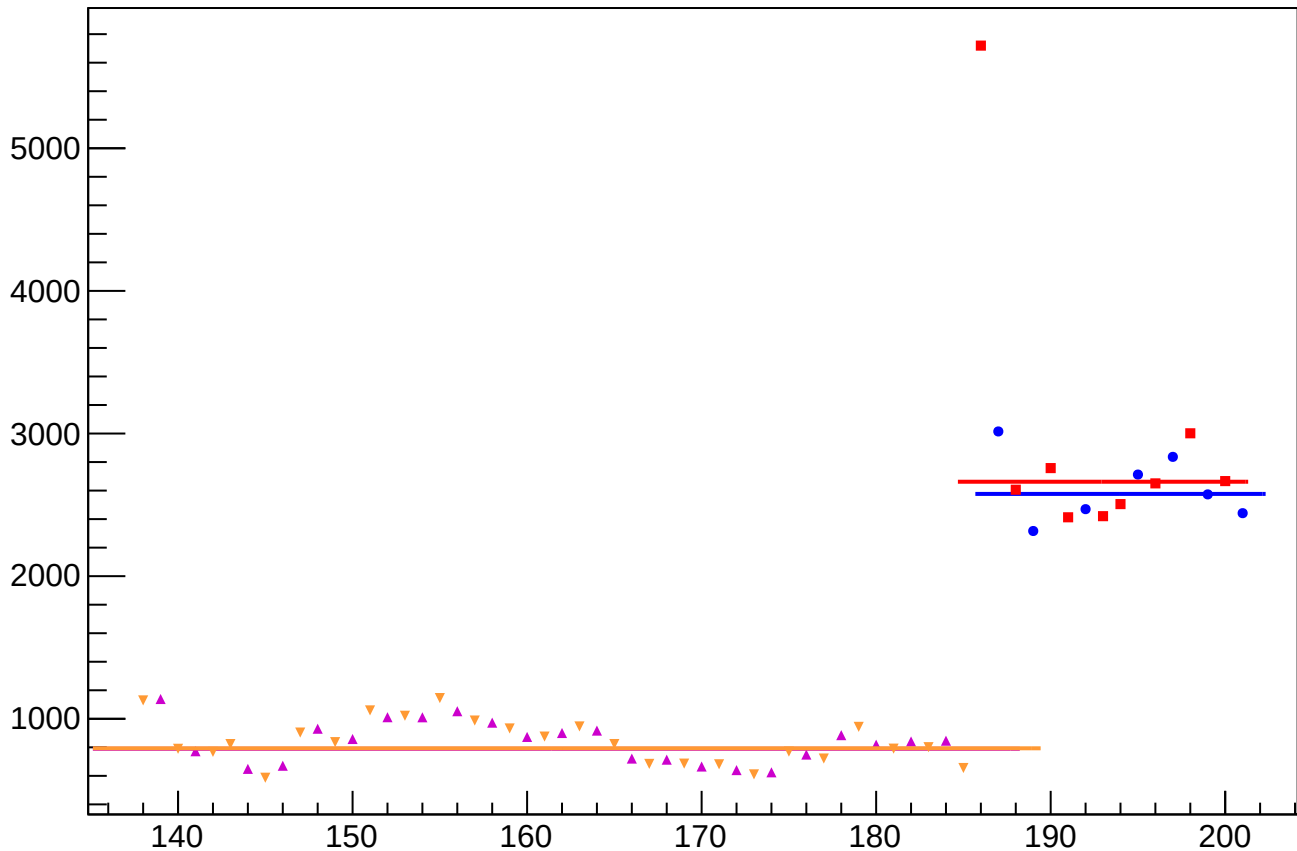
Left In: -164.202 ± 191.131 χ^2/NDF : 22.0/22

+ sign -973.298 ± 186.541 χ^2/NDF : 67.4/31

All: -598.974 ± 132.553 χ^2/NDF : 107.3/63

- sign -217.194 ± 188.389 χ^2/NDF : 31.8/31

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2576.649 $\pm$ 0.881 χ^2 /NDF: 41821.3/6

Left Out: 793.154 $\pm$ 0.133 χ^2 /NDF: 1158856.1/24

Right Out: 2662.052 $\pm$ 0.789 χ^2 /NDF: 261025.9/8

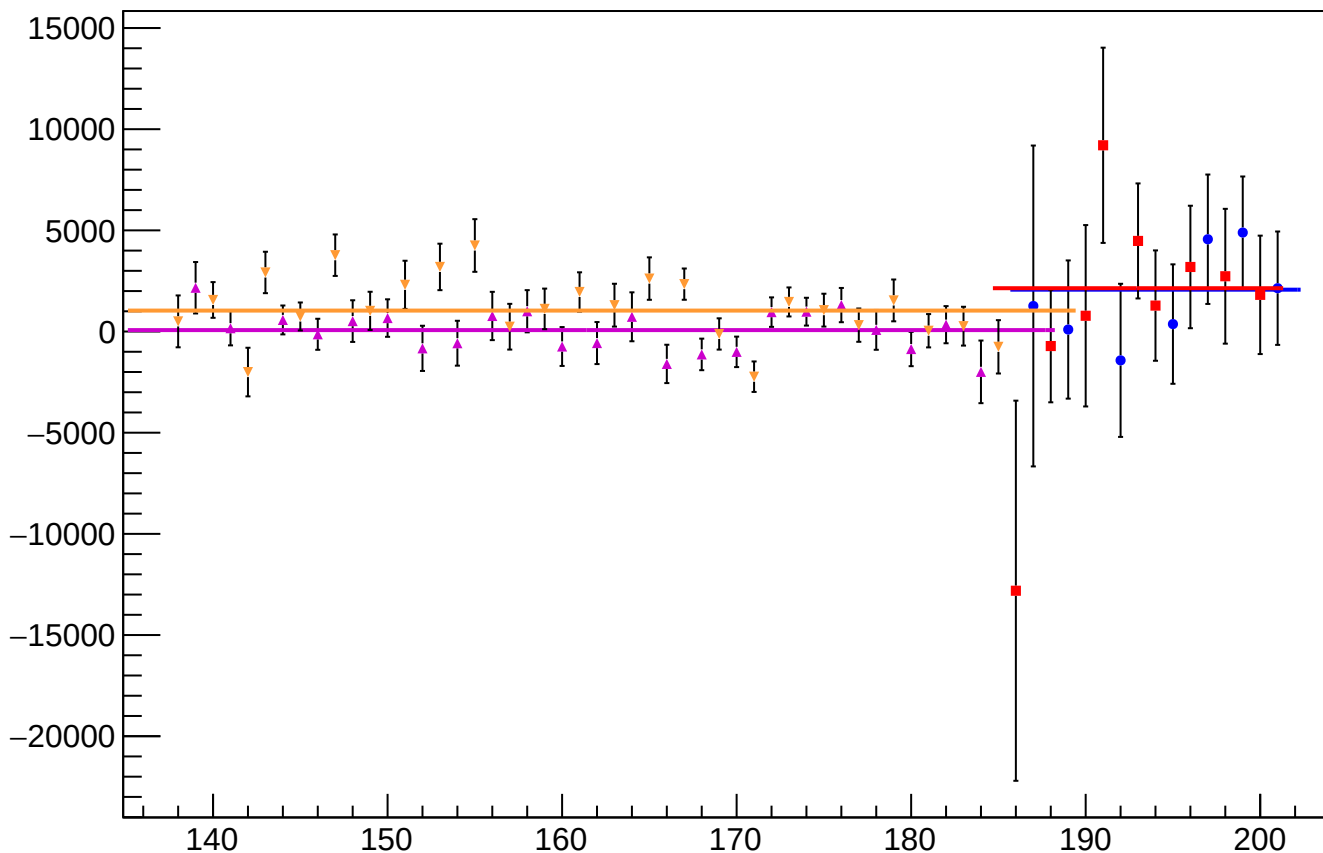
Left In: 789.699 $\pm$ 0.135 χ^2 /NDF: 1019959.0/22

+ sign 833.157 $\pm$ 0.132 χ^2 /NDF: 5209310.2/31

All: 838.046 $\pm$ 0.094 χ^2 /NDF: 11960032.3/63

- sign 843.031 $\pm$ 0.133 χ^2 /NDF: 6747947.9/31

asym_sam_3748_avg_mean vs Slug



Right In: 2068.429 $\pm$ 1248.424 χ^2 /NDF: 3.2/6

Left Out: 1035.605 $\pm$ 187.244 χ^2 /NDF: 61.4/24

Right Out: 2140.923 $\pm$ 1112.711 χ^2 /NDF: 6.8/8

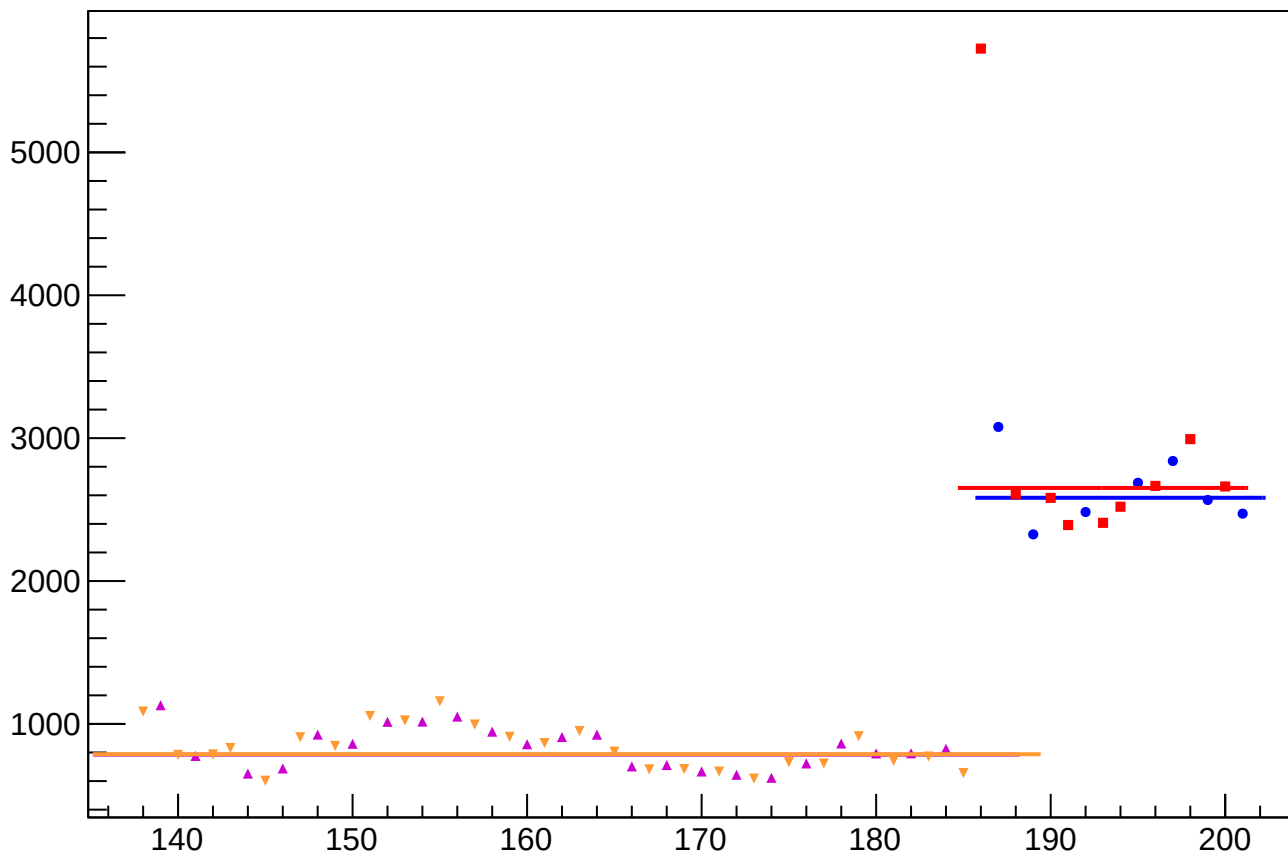
Left In: 70.852 $\pm$ 190.155 χ^2 /NDF: 23.4/22

+ sign 1058.327 $\pm$ 185.172 χ^2 /NDF: 65.2/31

All: 599.607 $\pm$ 131.730 χ^2 /NDF: 111.1/63

- sign 129.592 $\pm$ 187.438 χ^2 /NDF: 33.5/31

asym_sam_3748_avg_rms vs Slug



Right In: 2582.765+/-0.883 χ^2/NDF : 39151.9/6

Left Out: 787.981+/-0.132 χ^2/NDF : 1113986.0/24

Right Out: 2651.674+/-0.787 χ^2/NDF : 261554.1/8

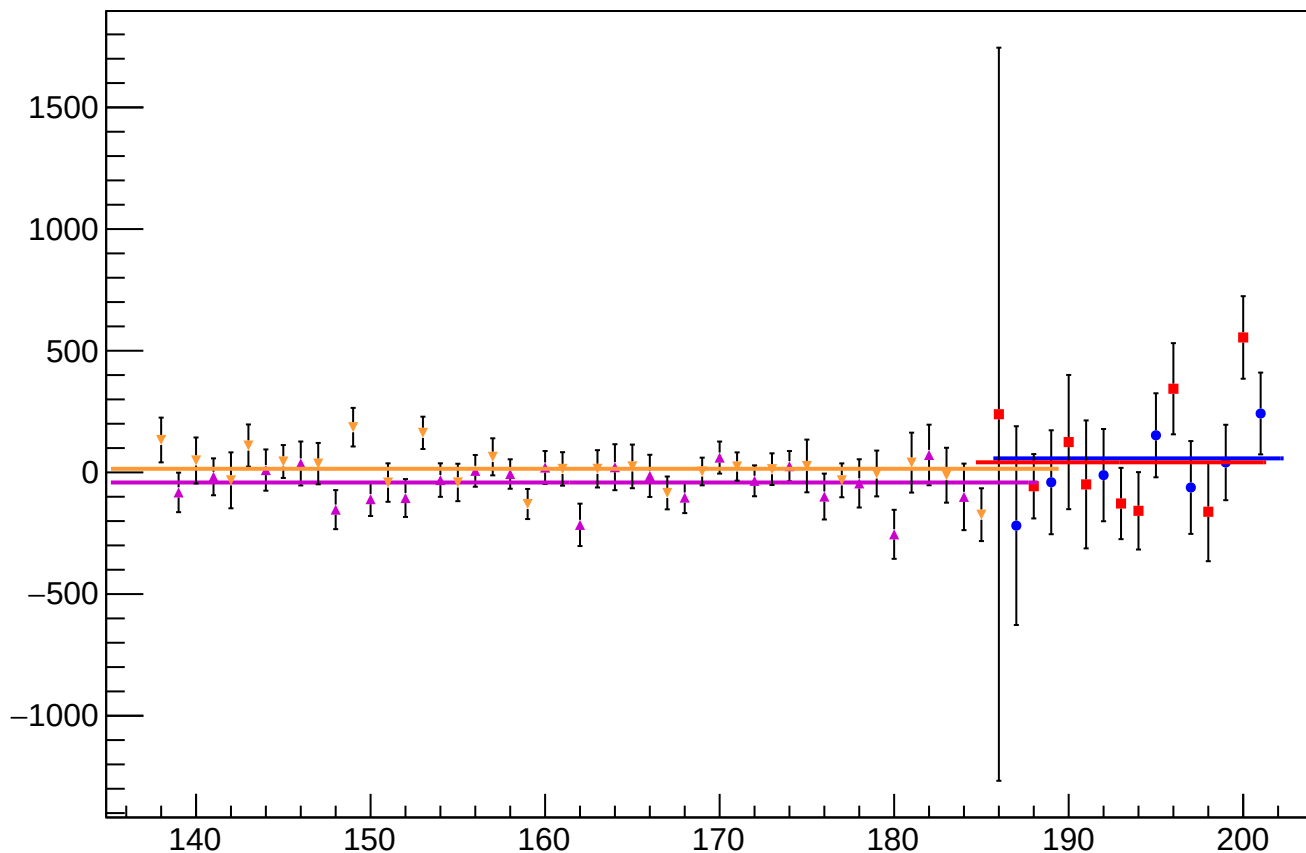
Left In: 785.179+/-0.134 χ^2/NDF : 976942.0/22

+ sign 827.467+/-0.131 χ^2/NDF : 5195810.5/31

All: 832.740+/-0.093 χ^2/NDF : 11905449.6/63

- sign 838.143+/-0.133 χ^2/NDF : 6706355.6/31

dit_asym_sam_1526_avg_mean vs Slug



Right In: 57.644+/-71.827 χ^2/NDF : 2.7/6

Left Out: 14.879+/-15.529 χ^2/NDF : 25.8/24

Right Out: 41.466+/-62.159 χ^2/NDF : 16.4/8

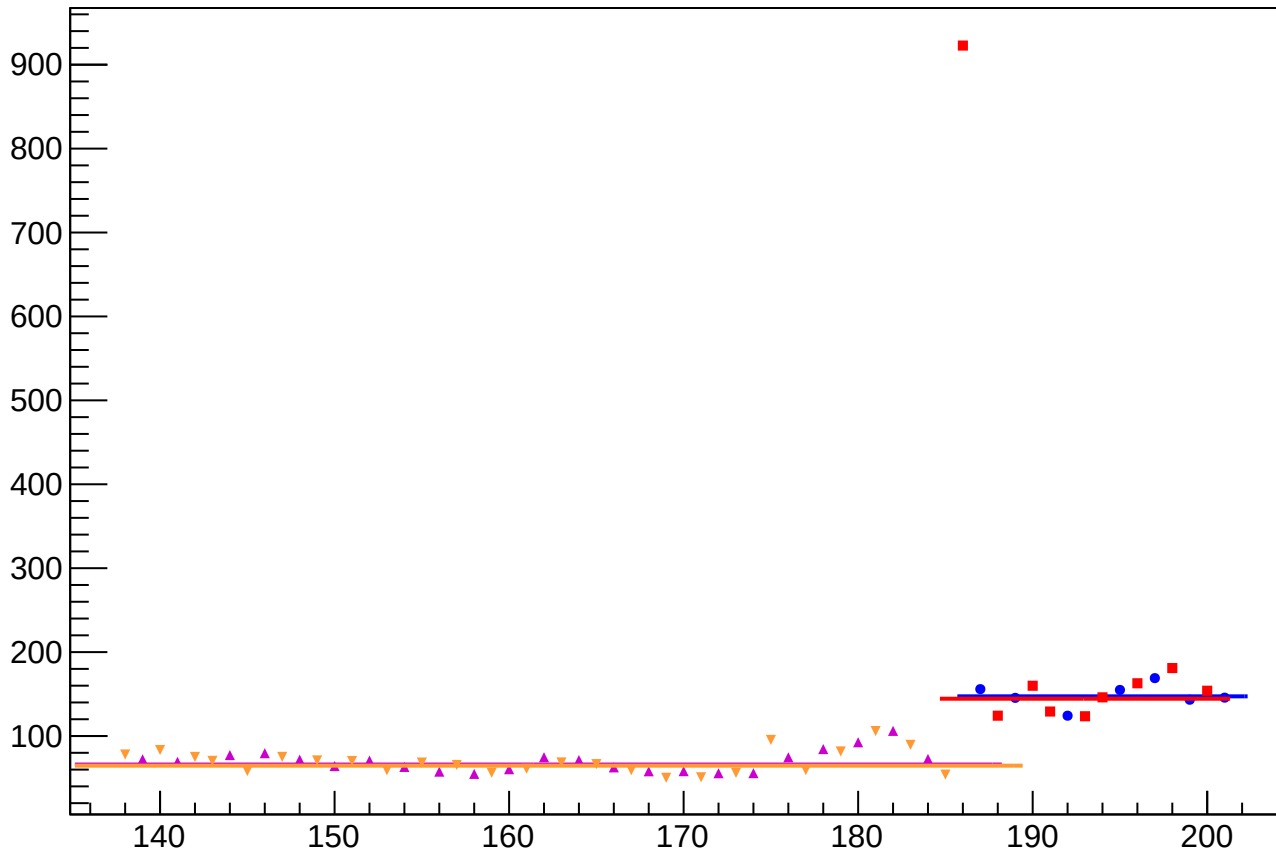
Left In: -41.428+/-16.130 χ^2/NDF : 21.7/22

+ sign 16.789+/-15.179 χ^2/NDF : 28.9/31

All: -8.957+/-10.883 χ^2/NDF : 74.6/63

- sign -36.198+/-15.613 χ^2/NDF : 39.8/31

dit_asym_sam_1526_avg_rms vs Slug



Right In: 147.288 $\pm$ 0.051 χ^2 /NDF: 61980.3/6

Left Out: 64.680 $\pm$ 0.011 χ^2 /NDF: 1150386.4/24

Right Out: 144.461 $\pm$ 0.044 χ^2 /NDF: 724816.3/8

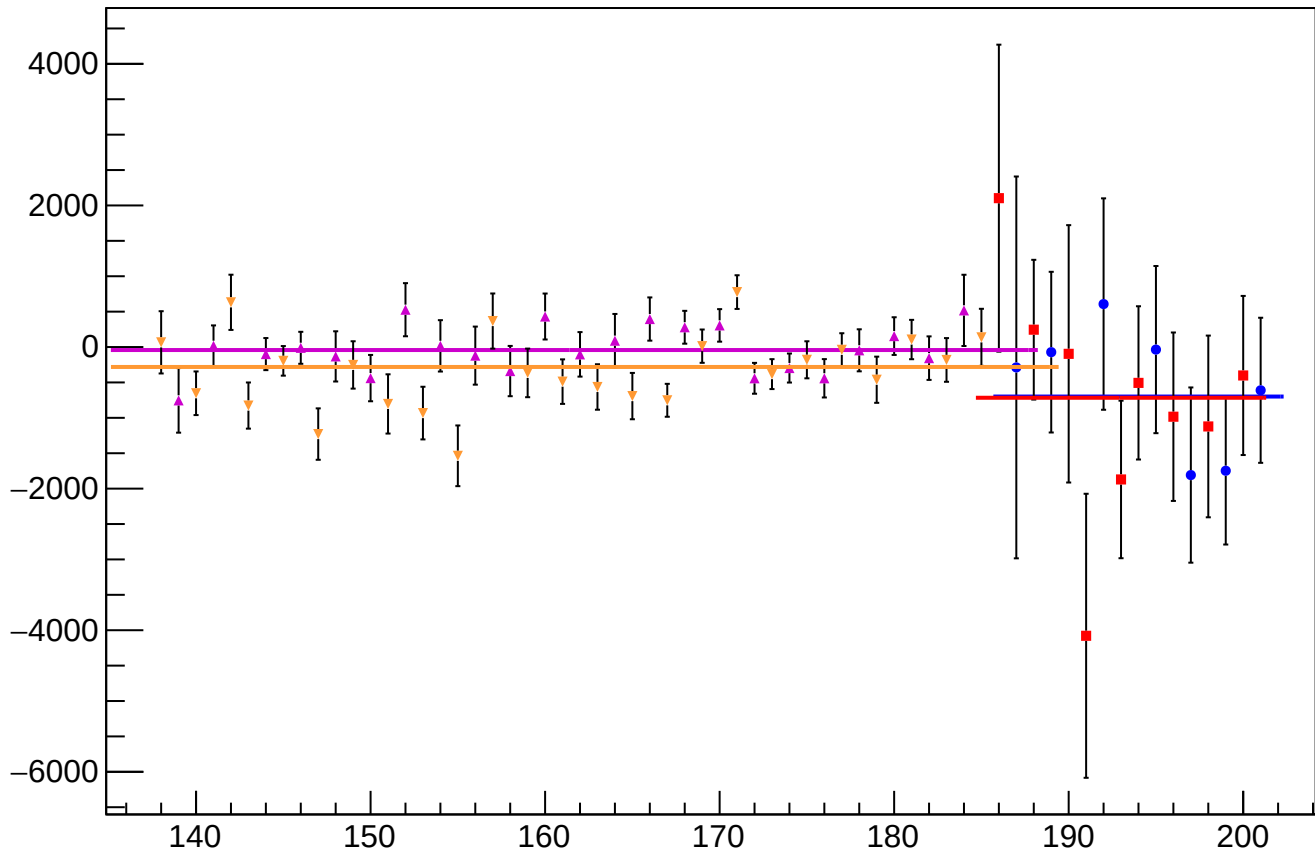
Left In: 66.016 $\pm$ 0.011 χ^2 /NDF: 868433.2/22

+ sign 68.369 $\pm$ 0.011 χ^2 /NDF: 3739684.7/31

All: 69.630 $\pm$ 0.008 χ^2 /NDF: 8345709.0/63

- sign 70.965 $\pm$ 0.011 χ^2 /NDF: 4577590.9/31

asym_sam_1526_avg_correction_mean vs Slug



Right In: -699.319+/-465.936 χ^2/NDF : 3.2/6

Left Out: -281.407+/-59.534 χ^2/NDF : 66.5/24

Right Out: -716.384+/-424.182 χ^2/NDF : 6.9/8

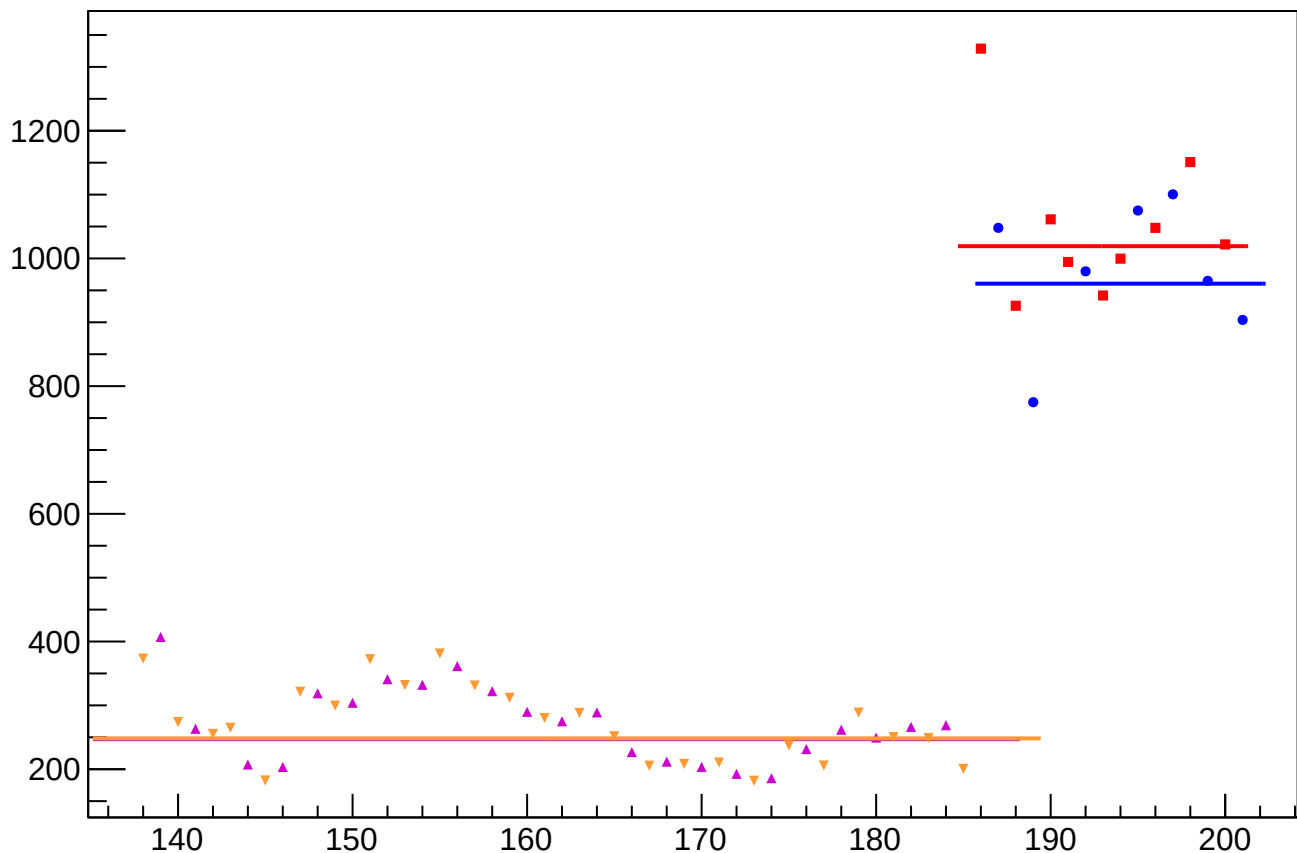
Left In: -42.368+/-60.284 χ^2/NDF : 24.7/22

+ sign -288.120+/-59.054 χ^2/NDF : 70.5/31

All: -173.150+/-41.978 χ^2/NDF : 112.2/63

- sign -55.712+/-59.684 χ^2/NDF : 34.1/31

asym_sam_1526_avg_correction_rms vs Slug



Right In: 960.501 $\pm$ 0.329 χ^2 /NDF: 106542.2/6

Left Out: 248.297 $\pm$ 0.042 χ^2 /NDF: 1687698.9/24

Right Out: 1019.208 $\pm$ 0.300 χ^2 /NDF: 92516.3/8

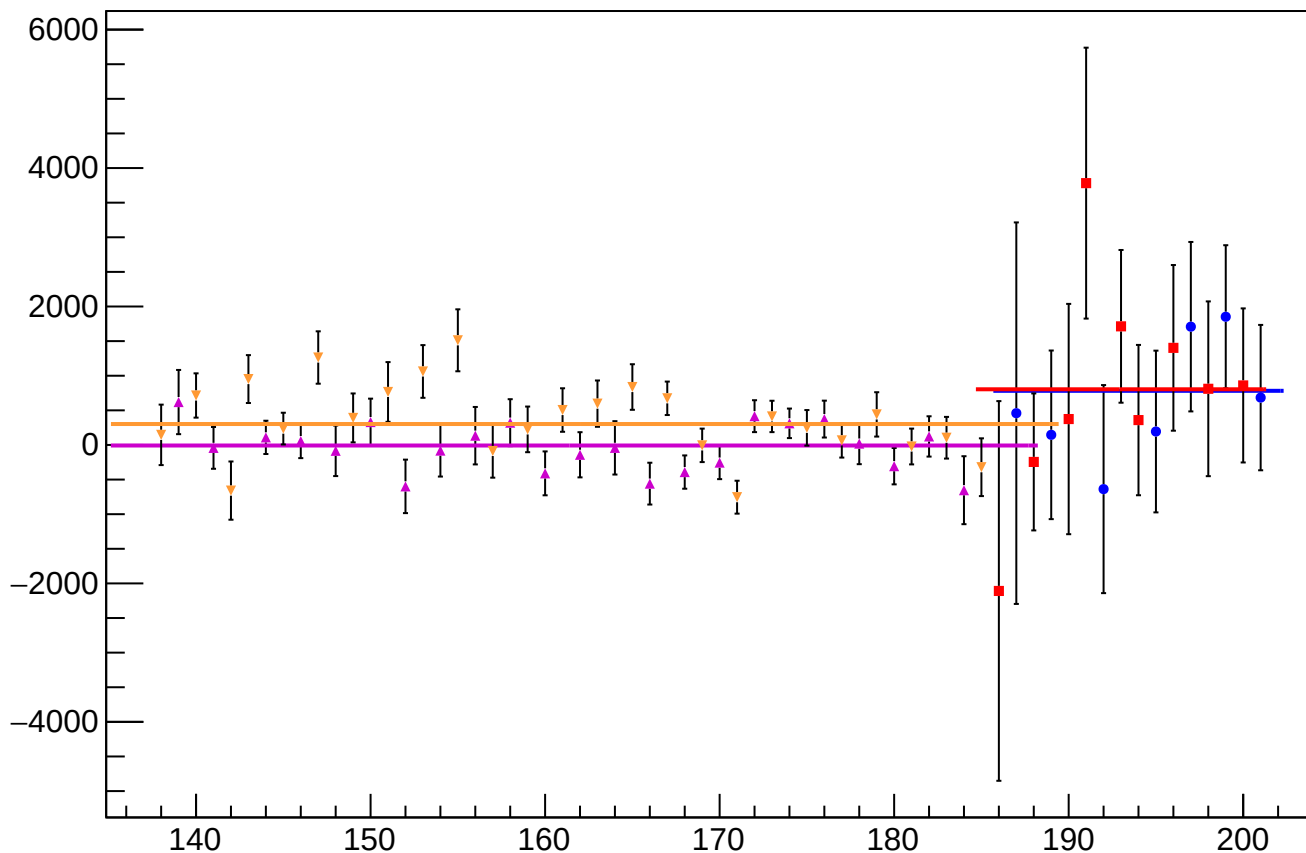
Left In: 247.105 $\pm$ 0.043 χ^2 /NDF: 1539330.1/22

+ sign 259.737 $\pm$ 0.042 χ^2 /NDF: 6392091.5/31

All: 261.050 $\pm$ 0.030 χ^2 /NDF: 14521114.1/63

- sign 262.391 $\pm$ 0.042 χ^2 /NDF: 8127024.1/31

asym_sam_1526_avg_mean vs Slug



Right In: 782.116 $\pm$ 471.810 χ^2 /NDF: 3.1/6

Left Out: 302.420 $\pm$ 60.991 χ^2 /NDF:63.8/24

Right Out: 804.204 $\pm$ 423.302 χ^2 /NDF: 5.7/8

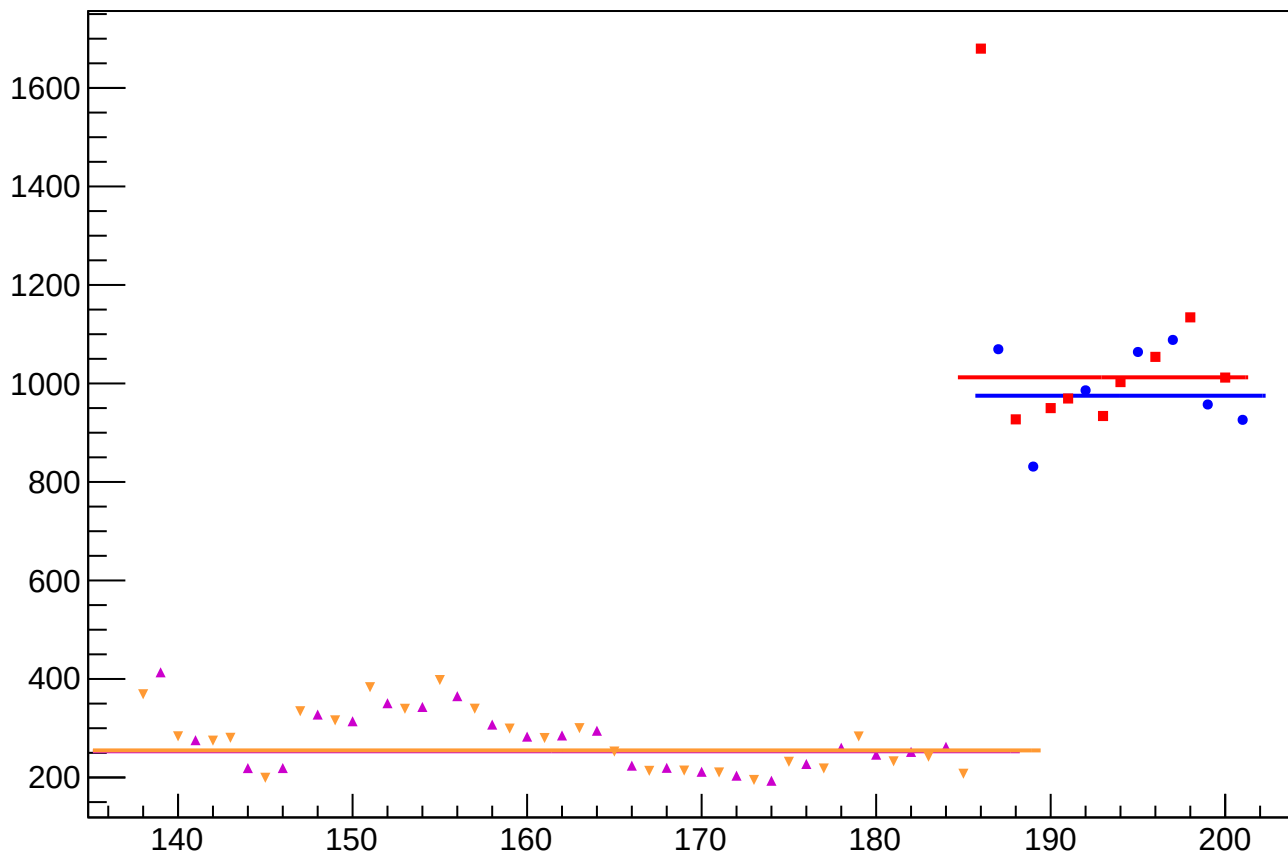
Left In: -7.915 $\pm$ 61.726 χ^2 /NDF:26.3/22

+ sign 310.304 $\pm$ 60.487 χ^2 /NDF: 67.9/31

All: 161.117 $\pm$ 42.979 χ^2 /NDF: 115.9/63

- sign 8.994 $\pm$ 61.080 χ^2 /NDF: 35.6/31

asym_sam_1526_avg_rms vs Slug



Right In: 975.092 ± 0.334 χ^2/NDF : 64018.6/6

Left Out: 254.937 ± 0.043 χ^2/NDF : 1541708.7/24

Right Out: 1012.450 ± 0.299 χ^2/NDF : 168432.0/8

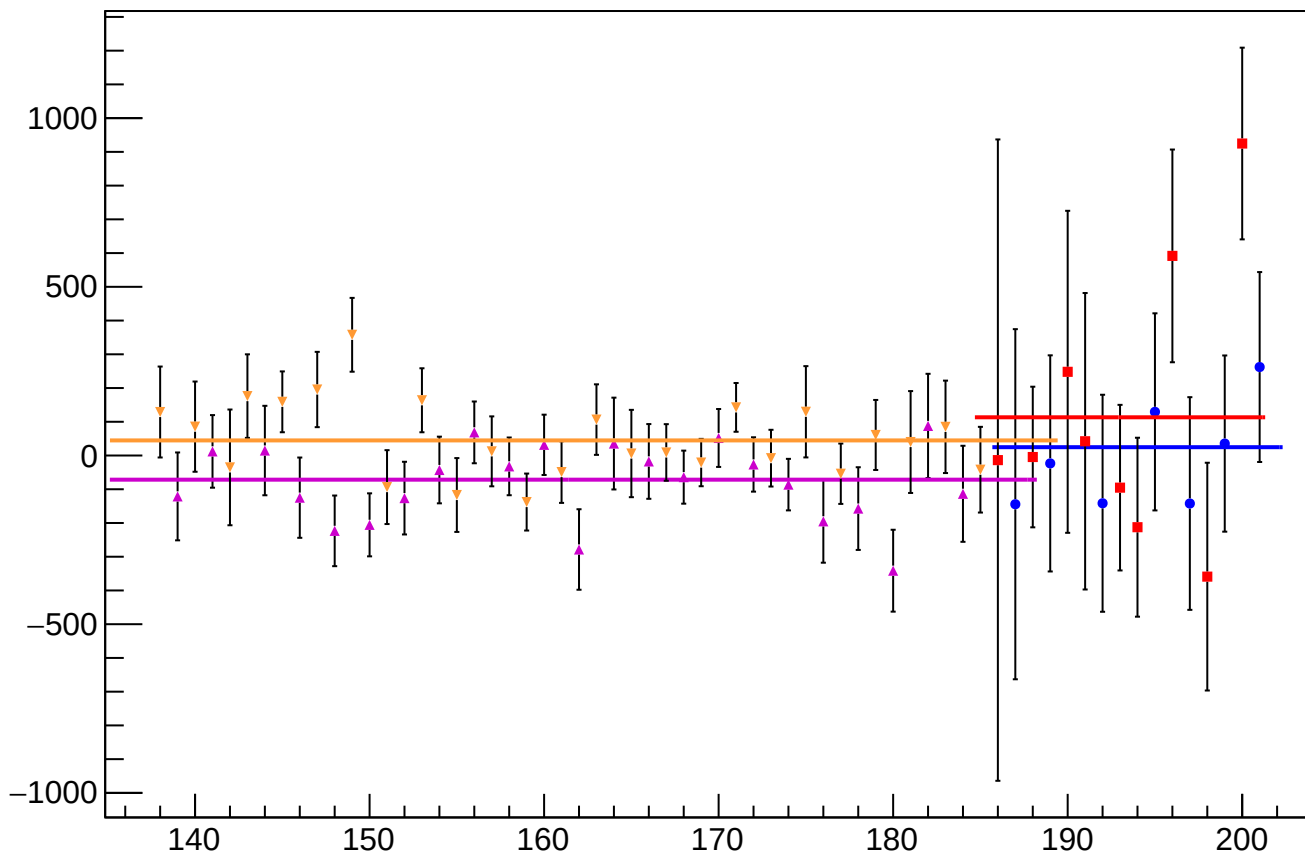
Left In: 253.170 ± 0.044 χ^2/NDF : 1366527.6/22

+ sign 266.774 ± 0.043 χ^2/NDF : 6188729.3/31

All: 267.866 ± 0.030 χ^2/NDF : 14025811.1/63

- sign 268.979 ± 0.043 χ^2/NDF : 7835765.9/31

dit_asym_sam_3726_avg_mean vs Slug



Right In: 24.672 ± 117.688 χ^2/NDF : 1.5/6

Left Out: 44.746 ± 20.460 χ^2/NDF : 30.5/24

Right Out: 113.269 ± 102.198 χ^2/NDF : 15.1/8

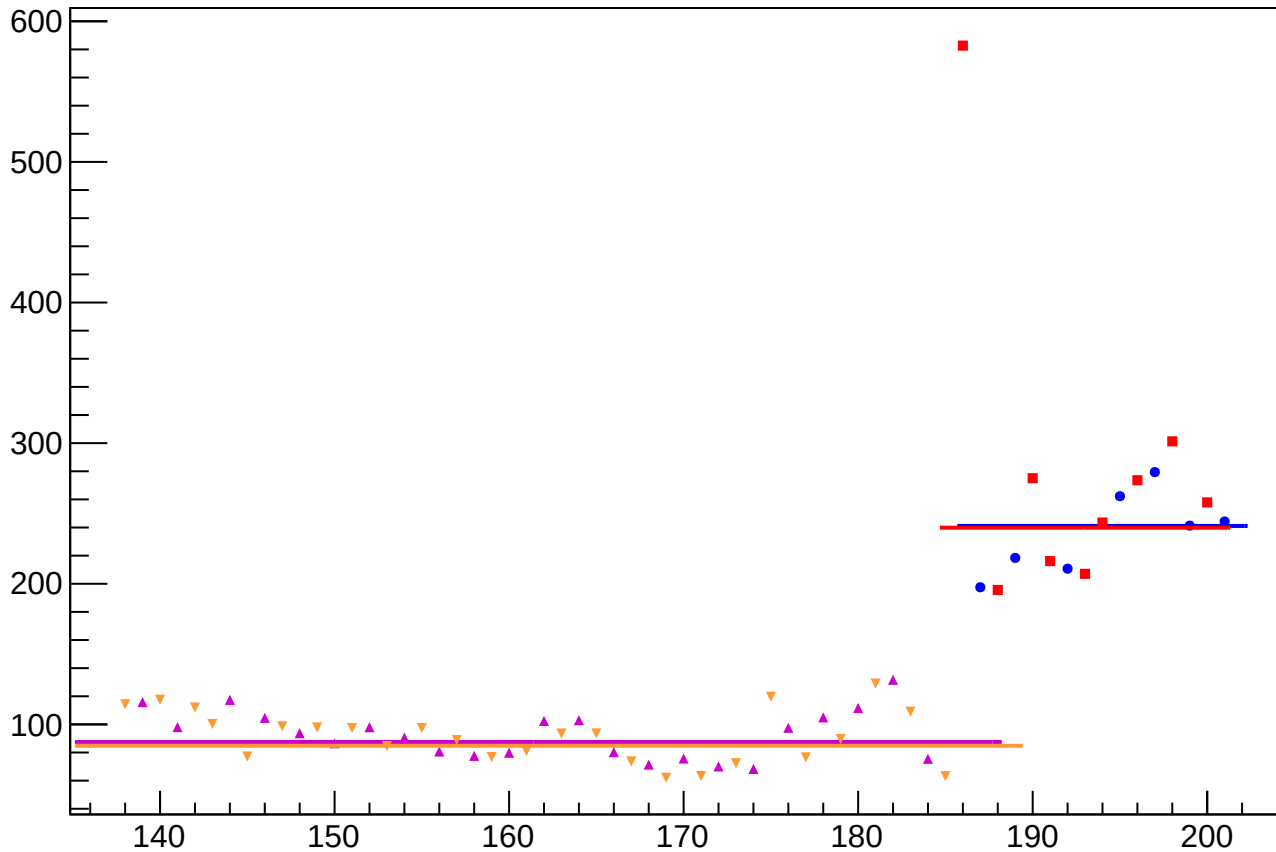
Left In: -71.620 ± 21.469 χ^2/NDF : 23.7/22

+ sign 44.157 ± 20.157 χ^2/NDF : 32.1/31

All: -7.589 ± 14.546 χ^2/NDF : 87.7/63

- sign -63.806 ± 21.010 χ^2/NDF : 41.9/31

dit_asym_sam_3726_avg_rms vs Slug



Right In: 241.123 $\pm$ 0.083 χ^2 /NDF: 82318.1/6

Left Out: 84.793 $\pm$ 0.014 χ^2 /NDF:1382881.3/24

Right Out: 239.878 $\pm$ 0.072 χ^2 /NDF: 500389.7/8

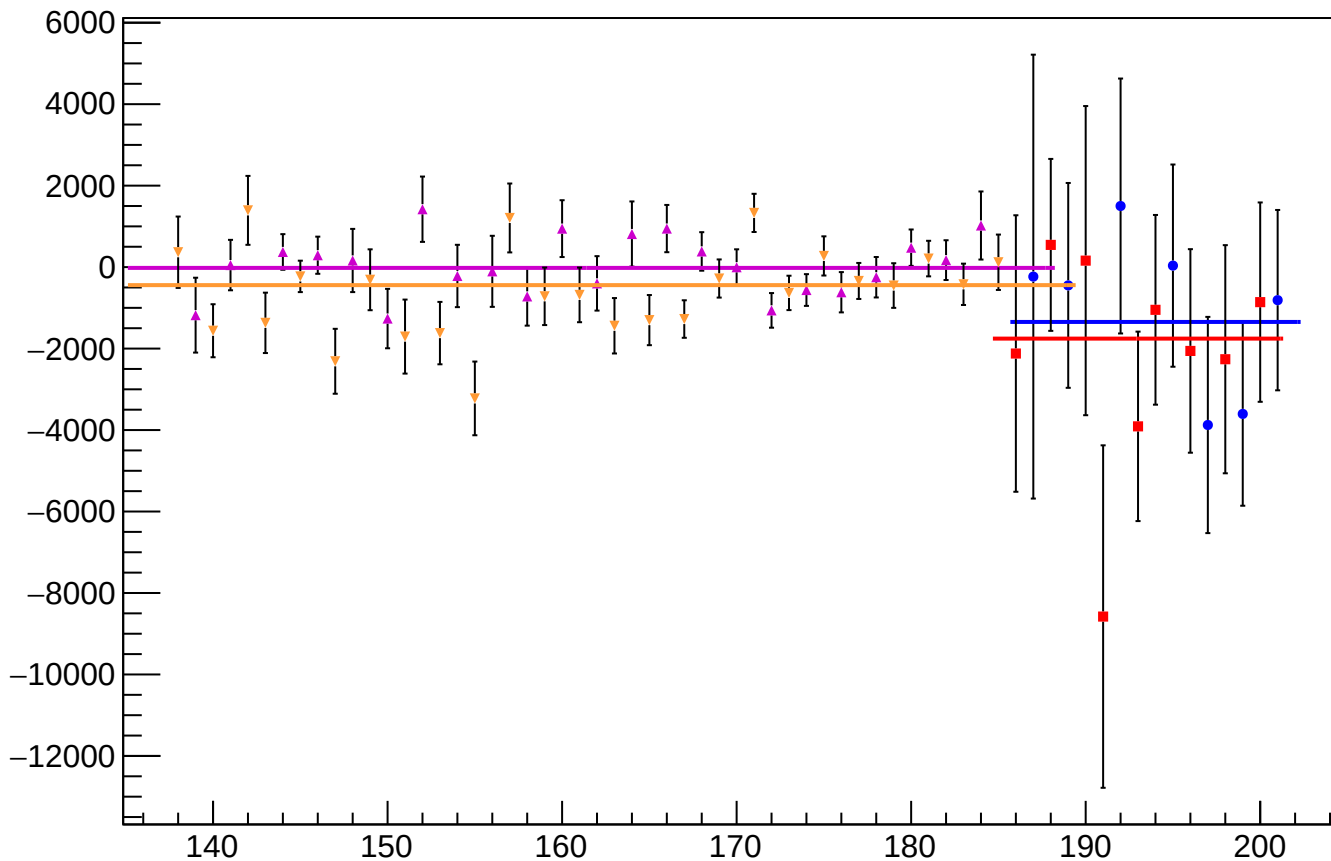
Left In: 87.477 $\pm$ 0.015 χ^2 /NDF:1056450.2/22

+ sign 89.379 $\pm$ 0.014 χ^2 /NDF: 4890660.3/31

All: 91.555 $\pm$ 0.010 χ^2 /NDF: 10755706.4/63

- sign 93.918 $\pm$ 0.015 χ^2 /NDF: 5816426.4/31

asym_sam_3726_avg_correction_mean vs Slug



Right In: -1345.996 $\pm$ 1000.397 χ^2 /NDF: 3.3/6

Left Out: -442.284 $\pm$ 115.425 χ^2 /NDF: 60.9/24

Right Out: -1755.106 $\pm$ 890.357 χ^2 /NDF: 5.2/8

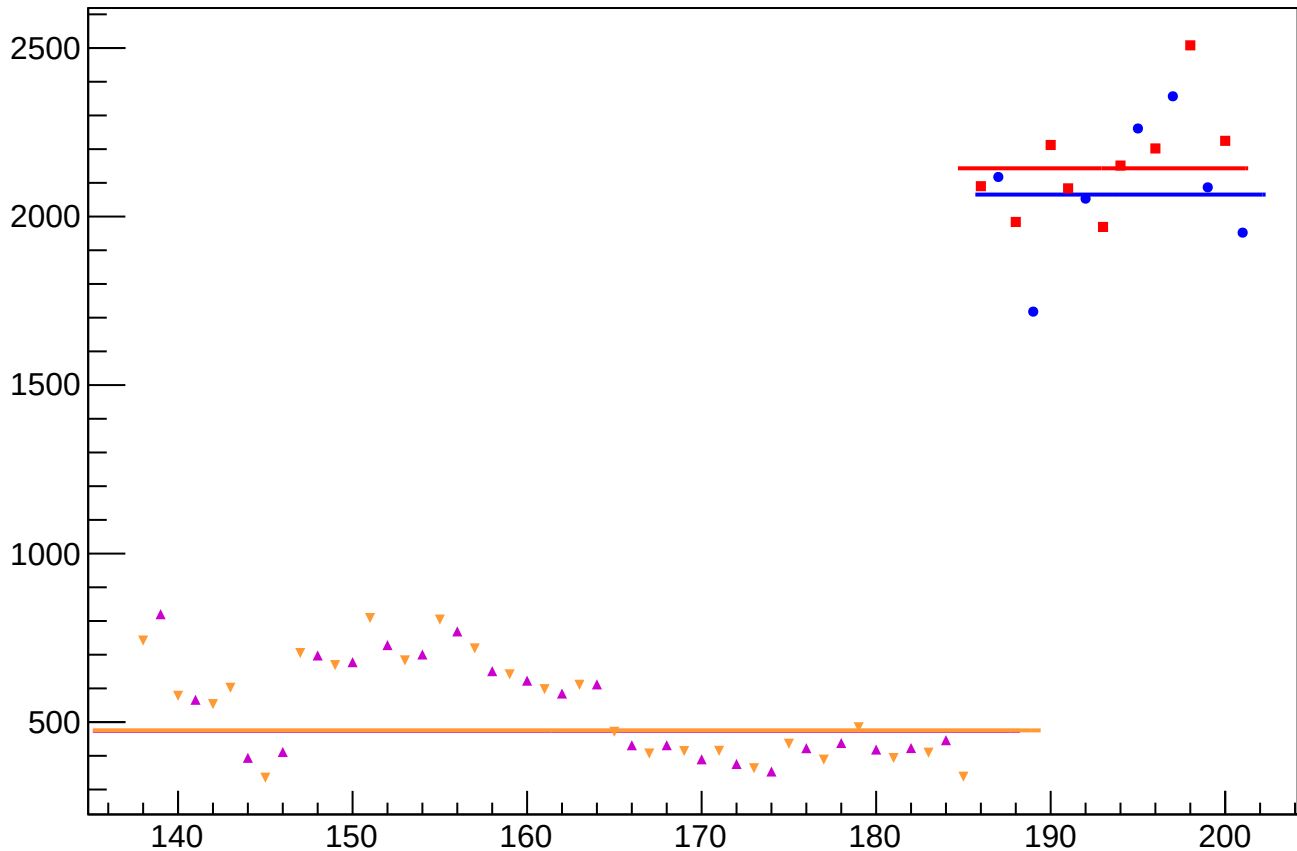
Left In: -19.322 $\pm$ 116.820 χ^2 /NDF: 29.5/22

+ sign -454.157 $\pm$ 114.664 χ^2 /NDF: 65.0/31

All: -253.474 $\pm$ 81.488 χ^2 /NDF: 109.7/63

- sign -48.698 $\pm$ 115.828 χ^2 /NDF: 38.4/31

asym_sam_3726_avg_correction_rms vs Slug



Right In: 2065.221+/-0.707 χ^2/NDF : 80394.9/6

Left Out: 475.415+/-0.082 χ^2/NDF : 2509706.1/24

Right Out: 2143.179+/-0.630 χ^2/NDF : 61430.3/8

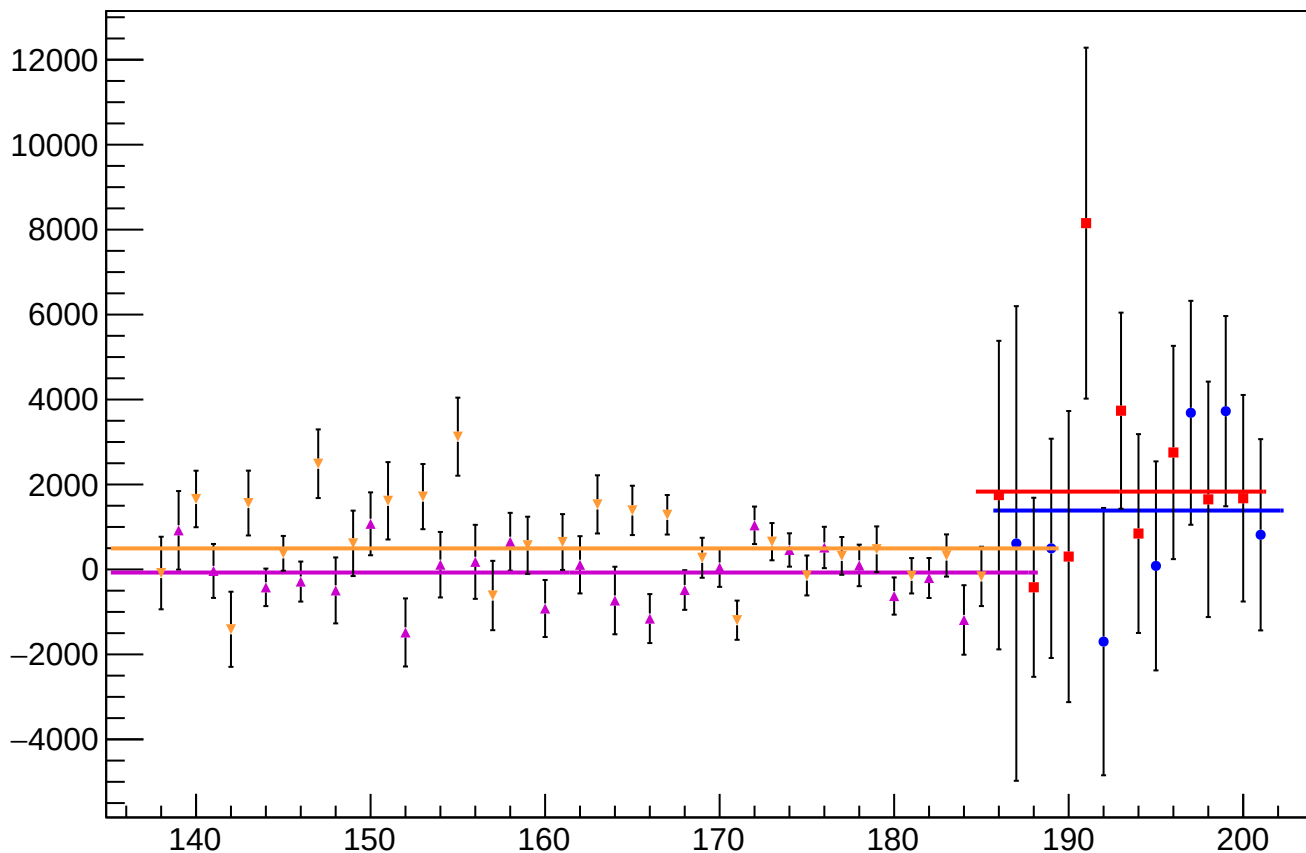
Left In: 473.947+/-0.083 χ^2/NDF : 2174476.6/22

+ sign 496.301+/-0.081 χ^2/NDF : 7574691.4/31

All: 499.219+/-0.058 χ^2/NDF : 16723930.3/63

- sign 502.196+/-0.082 χ^2/NDF : 9146622.3/31

asym_sam_3726_avg_mean vs Slug



Right In: 1386.556 $\pm$ 1005.582 χ^2 /NDF: 3.3/6

Left Out: 495.259 $\pm$ 115.521 χ^2 /NDF: 57.2/24

Right Out: 1832.557 $\pm$ 886.387 χ^2 /NDF: 4.7/8

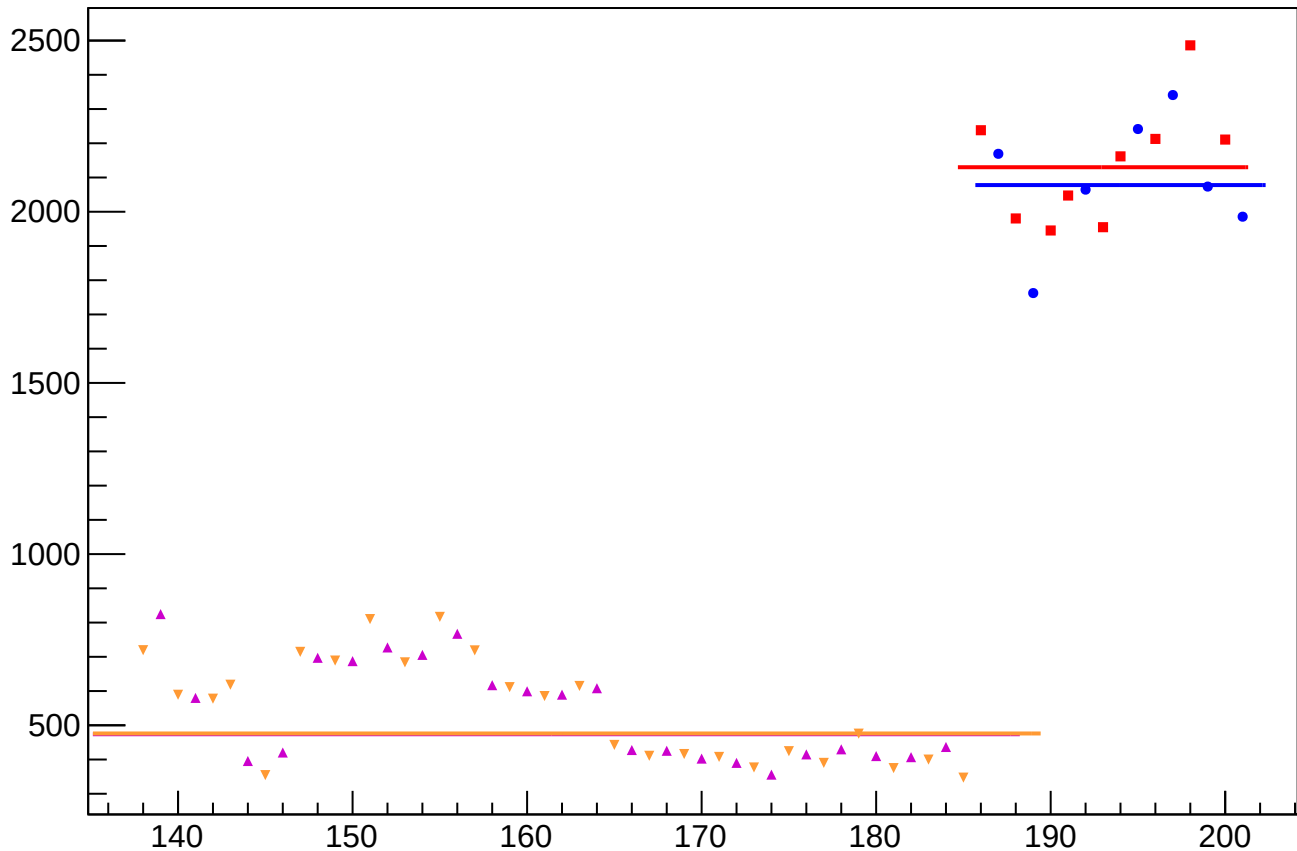
Left In: -72.627 $\pm$ 116.927 χ^2 /NDF: 29.1/22

+ sign 506.869 $\pm$ 114.767 χ^2 /NDF: 61.2/31

All: 236.155 $\pm$ 81.558 χ^2 /NDF: 110.8/63

- sign -40.041 $\pm$ 115.923 χ^2 /NDF: 38.3/31

asym_sam_3726_avg_rms vs Slug



Right In: 2077.919 $\pm$ 0.711 χ^2/NDF : 62570.8/6

Left Out: 476.057 $\pm$ 0.082 χ^2/NDF : 2461838.6/24

Right Out: 2130.033 $\pm$ 0.627 χ^2/NDF : 67723.0/8

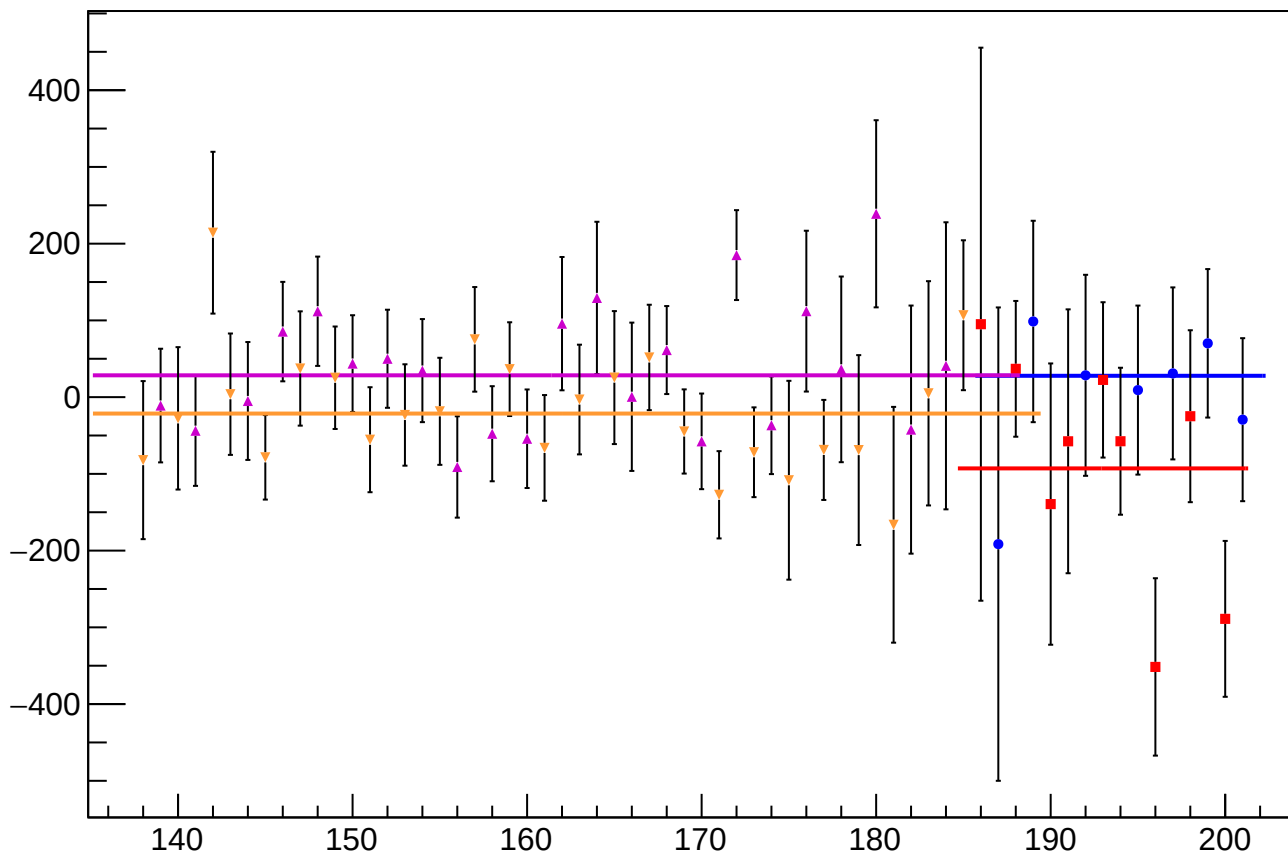
Left In: 473.824 $\pm$ 0.083 χ^2/NDF : 2113753.1/22

+ sign 496.922 $\pm$ 0.081 χ^2/NDF : 7533417.3/31

All: 499.510 $\pm$ 0.058 χ^2/NDF : 16580063.0/63

- sign 502.151 $\pm$ 0.082 χ^2/NDF : 9044590.4/31

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 27.824+/-45.437 χ^2/NDF : 1.3/6

Left Out: -21.397+/-14.800 χ^2/NDF : 20.9/24

Right Out: -92.866+/-39.008 χ^2/NDF : 13.1/8

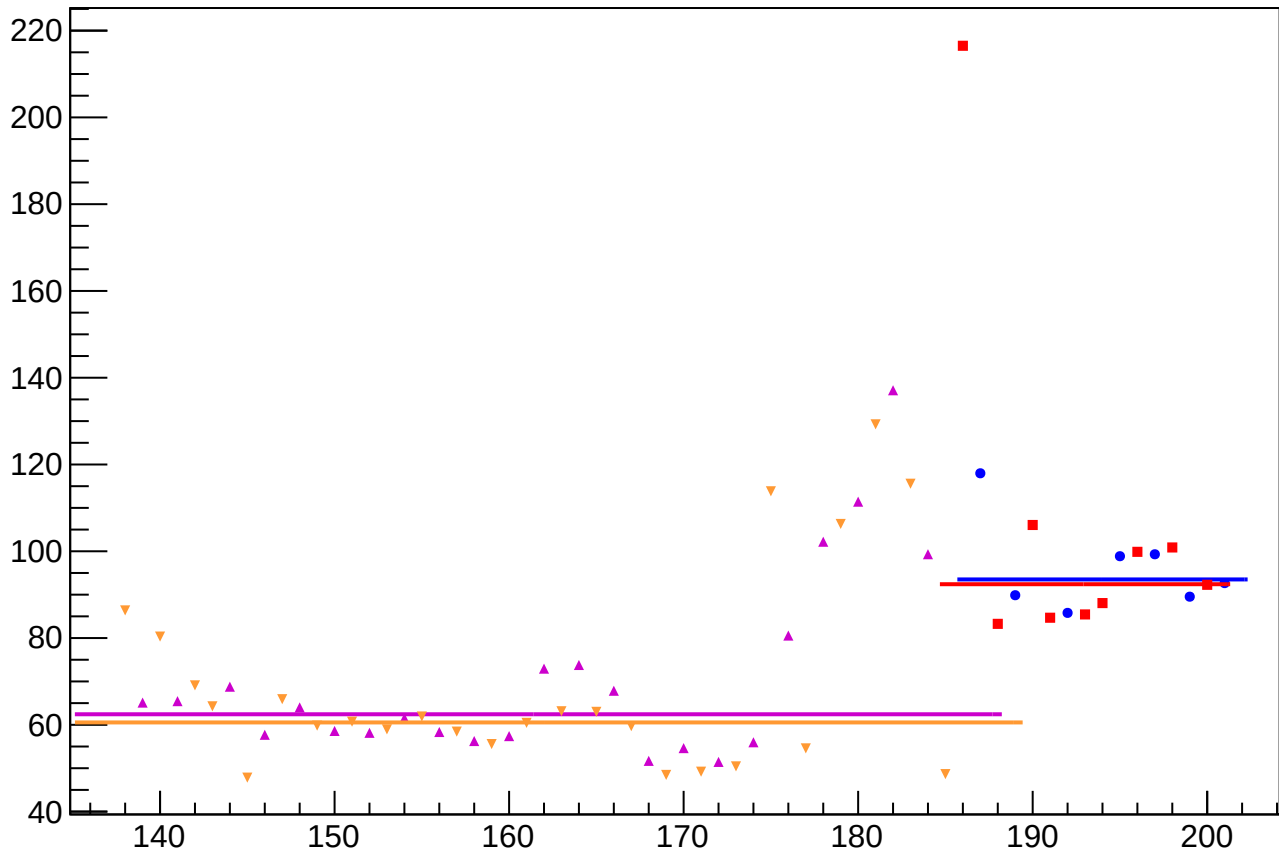
Left In: 28.435+/-15.494 χ^2/NDF : 26.2/22

+ sign -16.676+/-14.072 χ^2/NDF : 23.2/31

All: -2.714+/-10.064 χ^2/NDF : 72.9/63

- sign 11.906+/-14.399 χ^2/NDF : 47.6/31

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 93.509 $\pm$ 0.032 χ^2 /NDF: 34626.1/6

Left Out: 60.551 $\pm$ 0.010 χ^2 /NDF: 1951663.1/24

Right Out: 92.408 $\pm$ 0.028 χ^2 /NDF: 307020.4/8

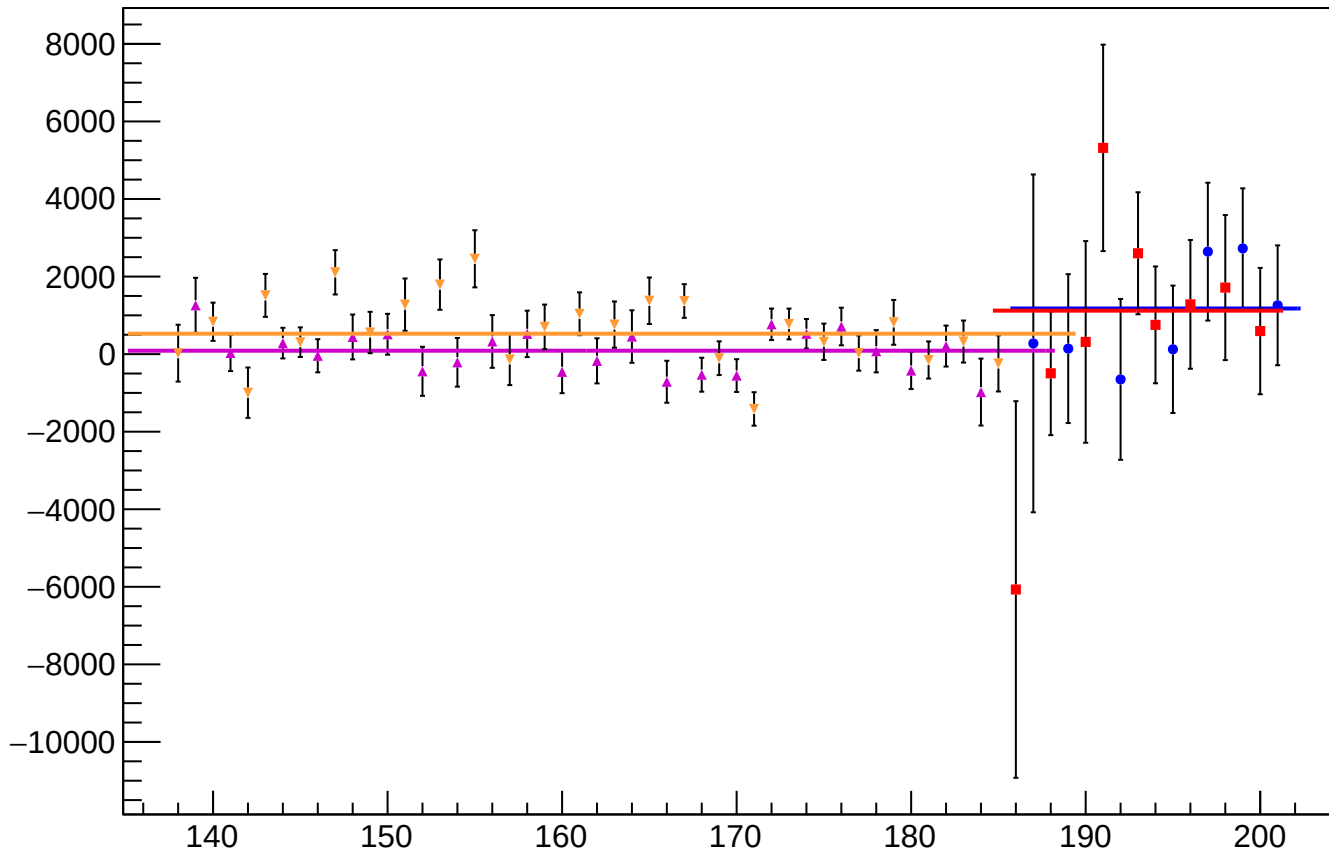
Left In: 62.435 $\pm$ 0.011 χ^2 /NDF: 1445748.2/22

+ sign 63.712 $\pm$ 0.010 χ^2 /NDF: 2937678.4/31

All: 65.083 $\pm$ 0.007 χ^2 /NDF: 5749288.3/63

- sign 66.519 $\pm$ 0.010 χ^2 /NDF: 2772737.8/31

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 1176.819+/-693.496 χ^2/NDF : 3.2/6

Left Out: 526.705+/-105.414 χ^2/NDF : 65.0/24

Right Out: 1121.155+/-620.766 χ^2/NDF : 7.0/8

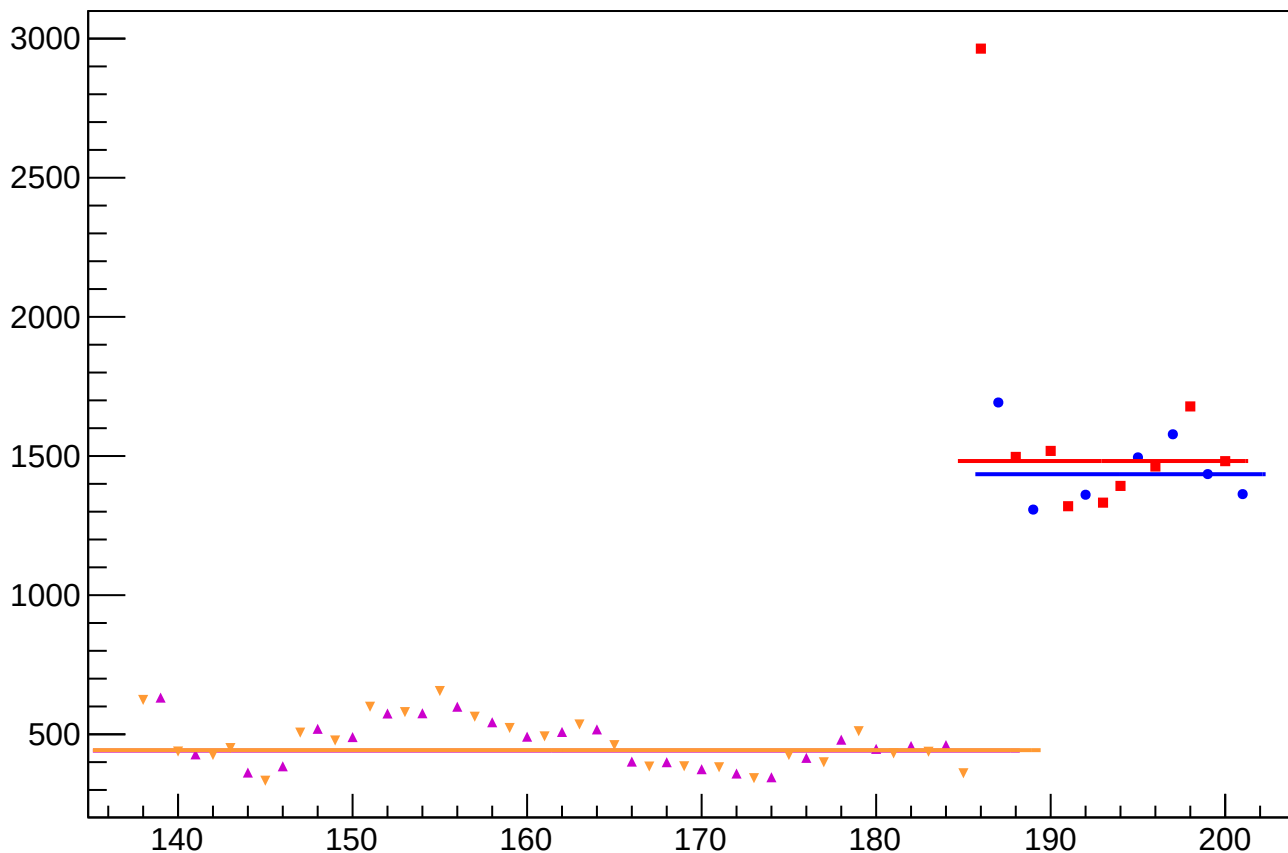
Left In: 87.989+/-106.843 χ^2/NDF : 22.1/22

+ sign 541.387+/-104.217 χ^2/NDF : 69.1/31

All: 331.729+/-74.071 χ^2/NDF : 109.0/63

- sign 117.714+/-105.294 χ^2/NDF : 31.8/31

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1434.643 $\pm$ 0.490 χ^2 /NDF: 38326.8/6

Left Out: 443.031 $\pm$ 0.075 χ^2 /NDF: 1171662.6/24

Right Out: 1482.040 $\pm$ 0.439 χ^2 /NDF: 241750.6/8

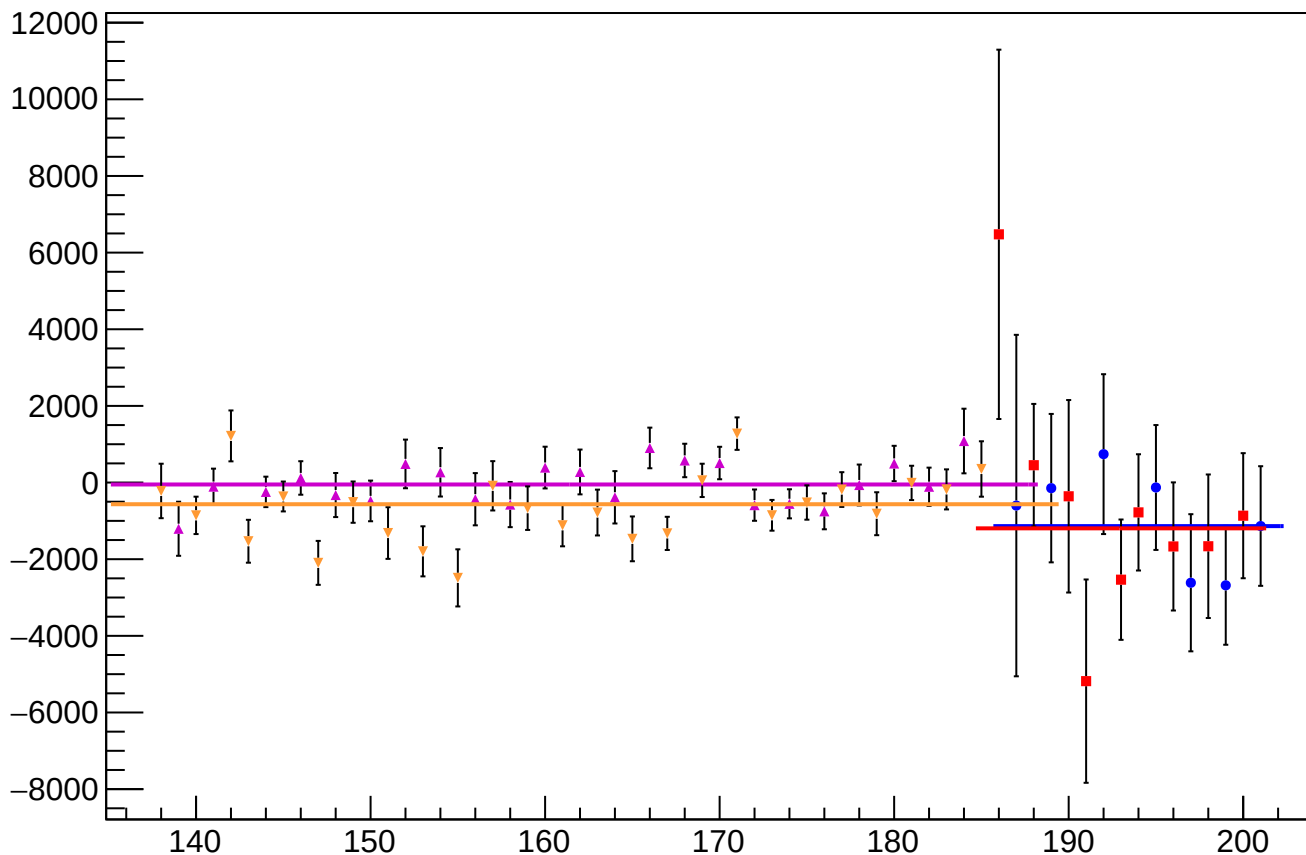
Left In: 441.359 $\pm$ 0.076 χ^2 /NDF: 1035839.5/22

+ sign 465.425 $\pm$ 0.074 χ^2 /NDF: 5206721.6/31

All: 468.333 $\pm$ 0.052 χ^2 /NDF: 11946670.1/63

- sign 471.300 $\pm$ 0.074 χ^2 /NDF: 6736803.3/31

asym_sam_15_48_dd_mean vs Slug



Right In: -1136.839 ± 696.369 χ^2/NDF : 3.1/6

Left Out: -565.545 ± 104.460 χ^2/NDF : 62.9/24

Right Out: -1195.054 ± 620.943 χ^2/NDF : 7.0/8

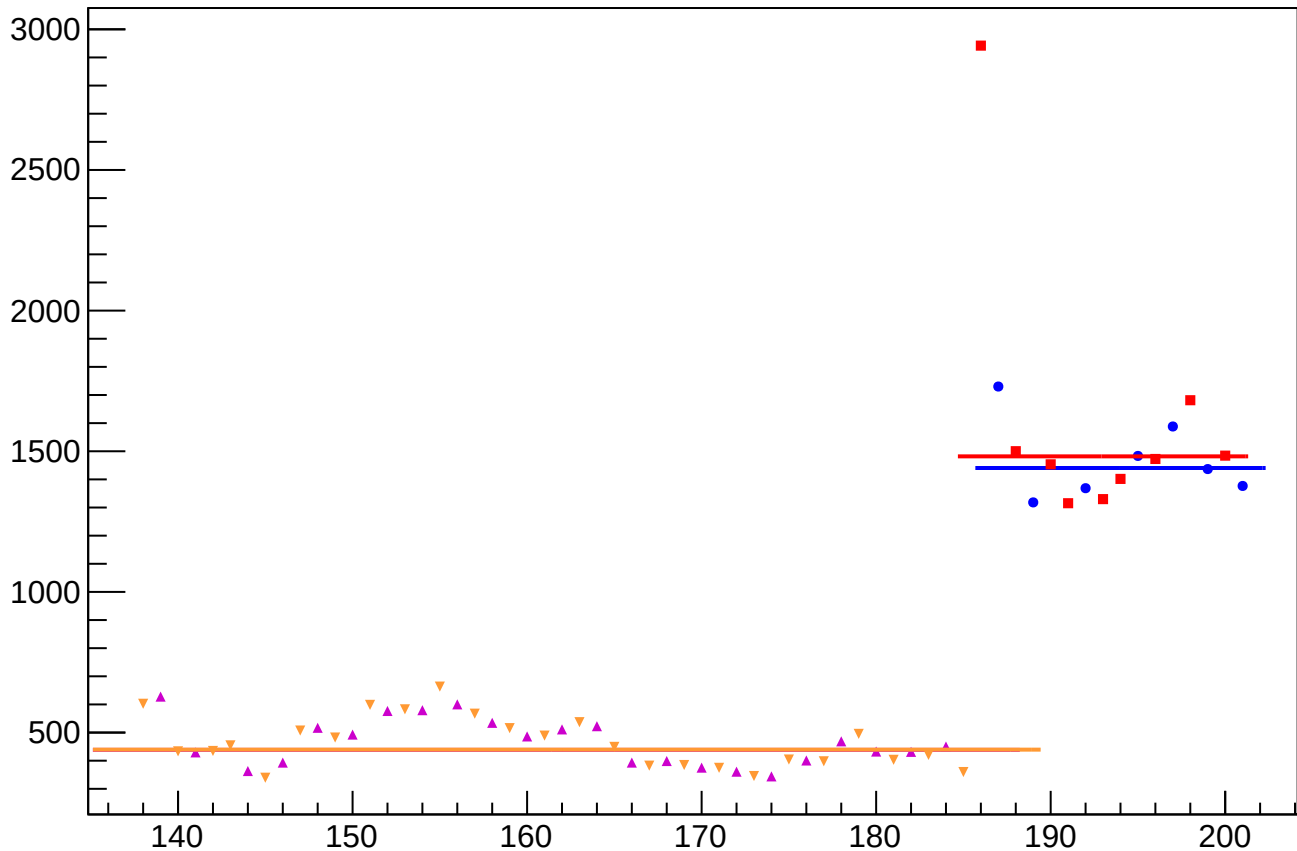
Left In: -50.387 ± 106.218 χ^2/NDF : 23.3/22

+ sign -578.117 ± 103.304 χ^2/NDF : 66.7/31

All: -333.839 ± 73.535 χ^2/NDF : 111.6/63

- sign -82.930 ± 104.697 χ^2/NDF : 33.5/31

asym_sam_15_48_dd_rms vs Slug



Right In: 1440.514+/-0.492 χ^2/NDF : 37139.8/6

Left Out: 439.314+/-0.074 χ^2/NDF :1164031.3/24

Right Out: 1481.876+/-0.439 χ^2/NDF : 239156.0/8

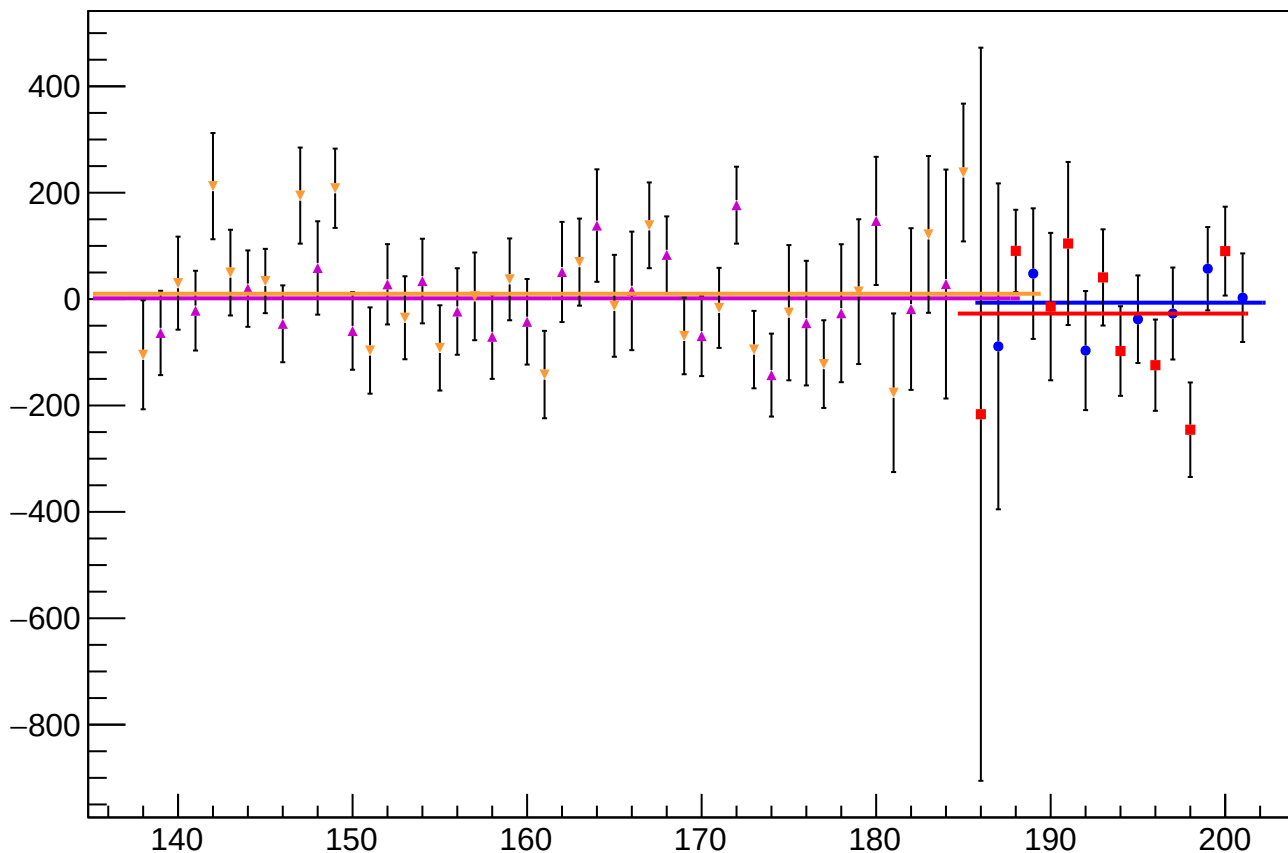
Left In: 438.365+/-0.075 χ^2/NDF :1024661.1/22

+ sign 461.347+/-0.073 χ^2/NDF : 5244403.0/31

All: 464.644+/-0.052 χ^2/NDF : 12000119.6/63

- sign 468.031+/-0.074 χ^2/NDF : 6751586.6/31

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -6.723 ± 36.632 χ^2/NDF : 1.8/6

Left Out: 10.078 ± 17.207 χ^2/NDF : 38.7/24

Right Out: -27.200 ± 32.733 χ^2/NDF : 13.7/8

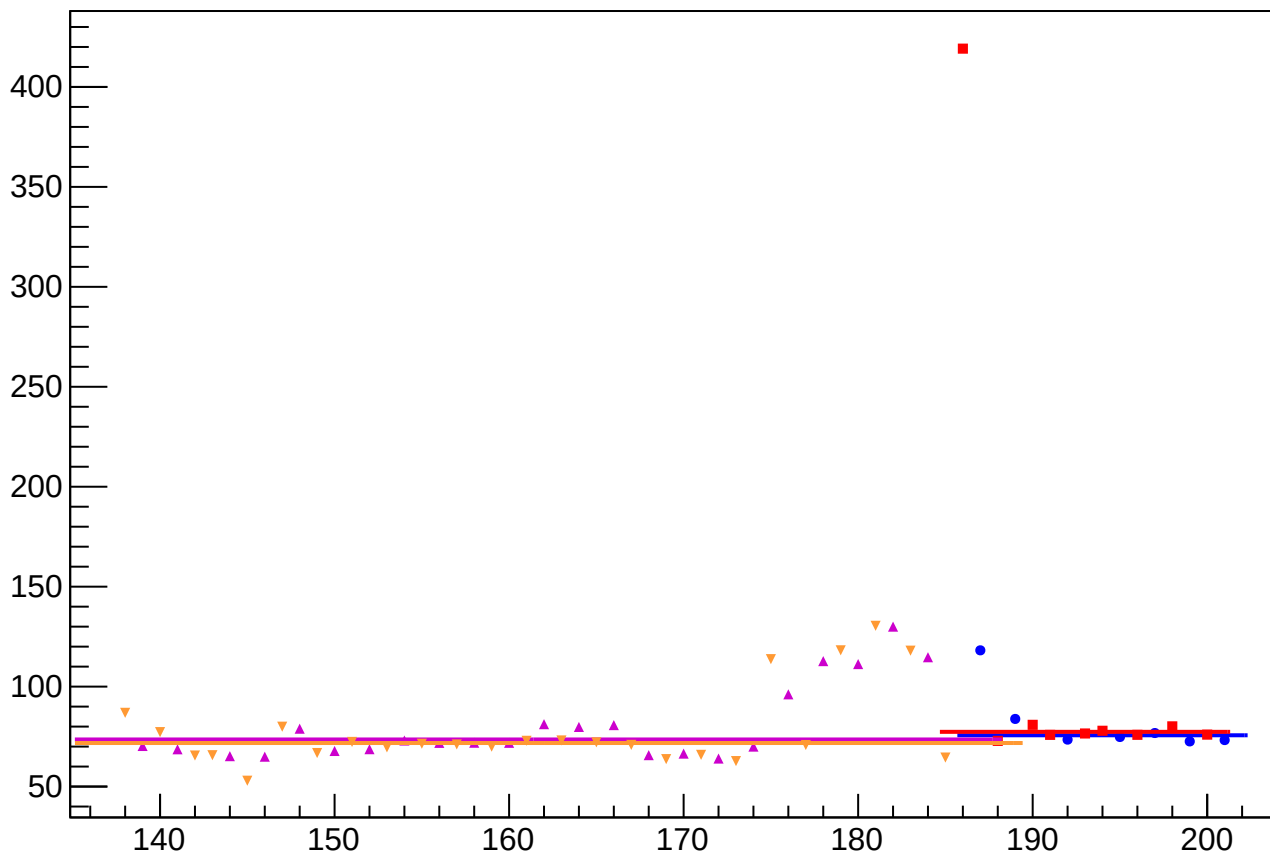
Left In: 1.434 ± 17.926 χ^2/NDF : 19.0/22

+ sign 7.041 ± 15.574 χ^2/NDF : 40.7/31

All: 0.992 ± 11.065 χ^2/NDF : 74.3/63

- sign -5.172 ± 15.723 χ^2/NDF : 33.3/31

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 75.655+/-0.026 χ^2/NDF : 53410.8/6

Left Out: 71.785+/-0.012 χ^2/NDF : 1325726.8/24

Right Out: 77.376+/-0.023 χ^2/NDF : 503672.1/8

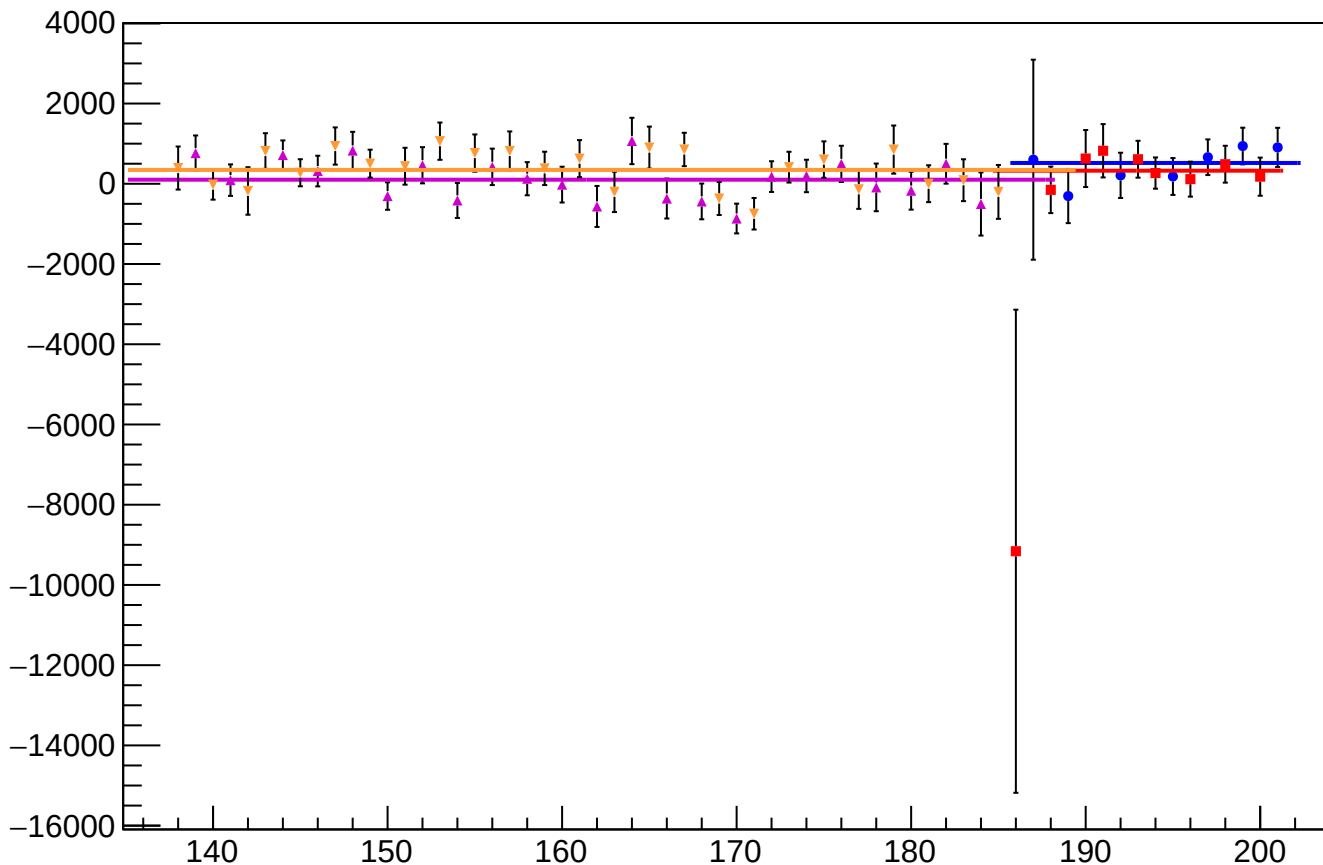
Left In: 73.558+/-0.013 χ^2/NDF : 1009353.9/22

+ sign 72.484+/-0.011 χ^2/NDF : 1397428.7/31

All: 73.453+/-0.008 χ^2/NDF : 2946987.5/63

- sign 74.439+/-0.011 χ^2/NDF : 1533956.4/31

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 518.835 $\pm$ 203.012 χ^2/NDF : 3.9/6

Left Out: 345.360 $\pm$ 89.857 χ^2/NDF : 27.4/24

Right Out: 326.356 $\pm$ 174.095 χ^2/NDF : 4.8/8

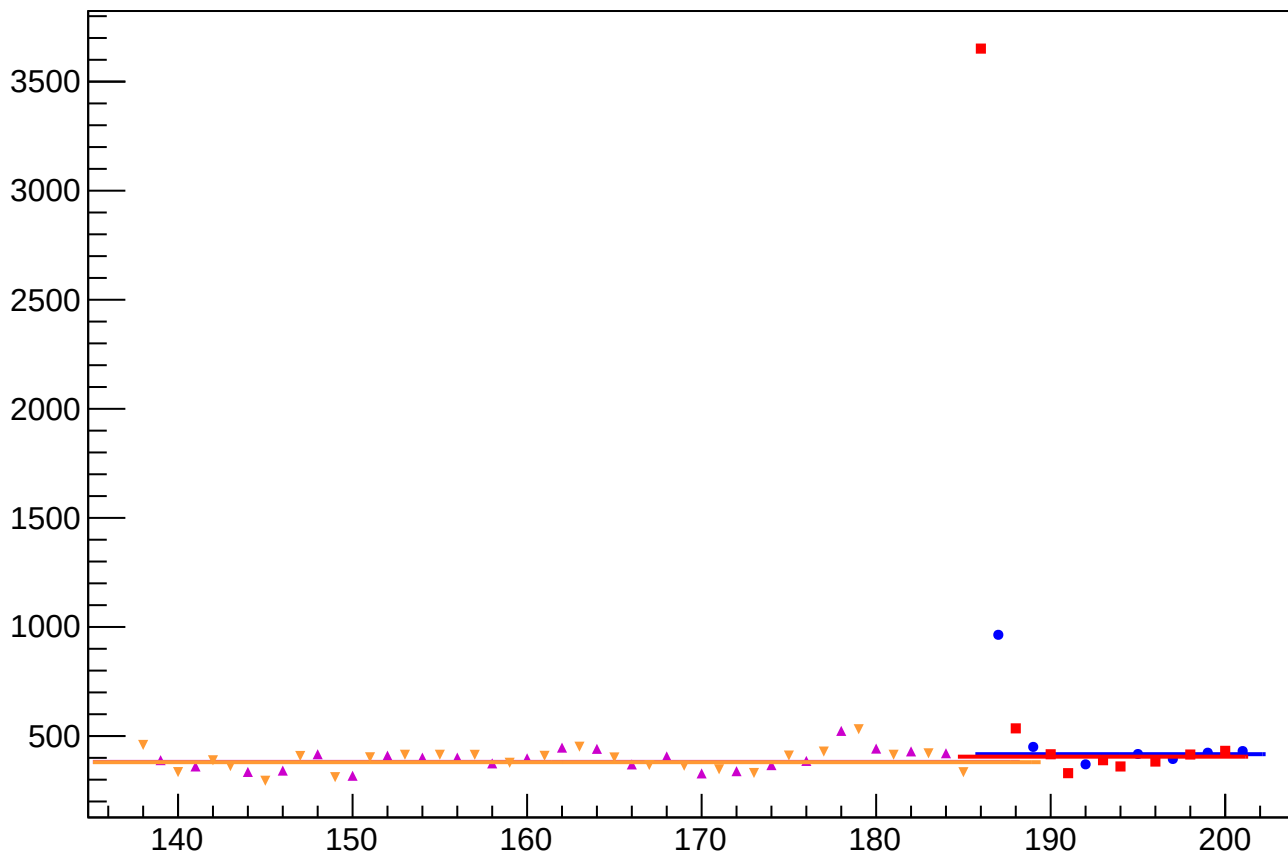
Left In: 101.648 $\pm$ 91.670 χ^2/NDF : 28.1/22

+ sign 373.778 $\pm$ 82.168 χ^2/NDF : 31.9/31

All: 260.658 $\pm$ 57.725 χ^2/NDF : 69.7/63

- sign 150.426 $\pm$ 81.113 χ^2/NDF : 34.1/31

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 416.852 $\pm$ 0.144 χ^2 /NDF: 121841.7/6

Left Out: 380.206 $\pm$ 0.064 χ^2 /NDF: 616620.6/24

Right Out: 405.452 $\pm$ 0.123 χ^2 /NDF: 749145.9/8

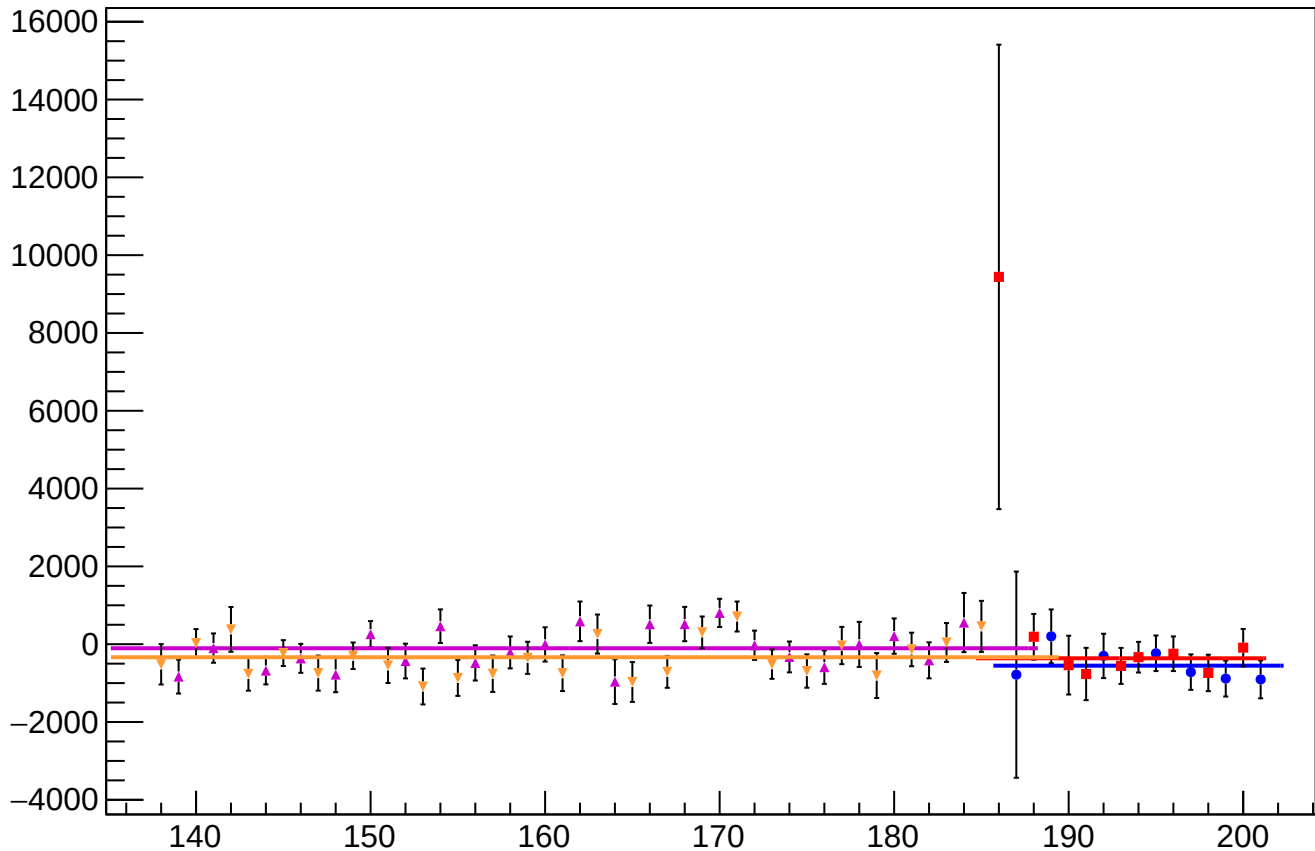
Left In: 381.474 $\pm$ 0.065 χ^2 /NDF: 461021.8/22

+ sign 386.210 $\pm$ 0.058 χ^2 /NDF: 792955.6/31

All: 386.447 $\pm$ 0.041 χ^2 /NDF: 2032858.5/63

- sign 386.679 $\pm$ 0.057 χ^2 /NDF: 1239869.9/31

asym_sam_37_48_dd_mean vs Slug



Right In: -551.878 $\pm$ 204.851 χ^2 /NDF: 3.1/6

Left Out: -335.242 $\pm$ 87.706 χ^2 /NDF:28.3/24

Right Out: -362.305 $\pm$ 176.948 χ^2 /NDF: 5.2/8

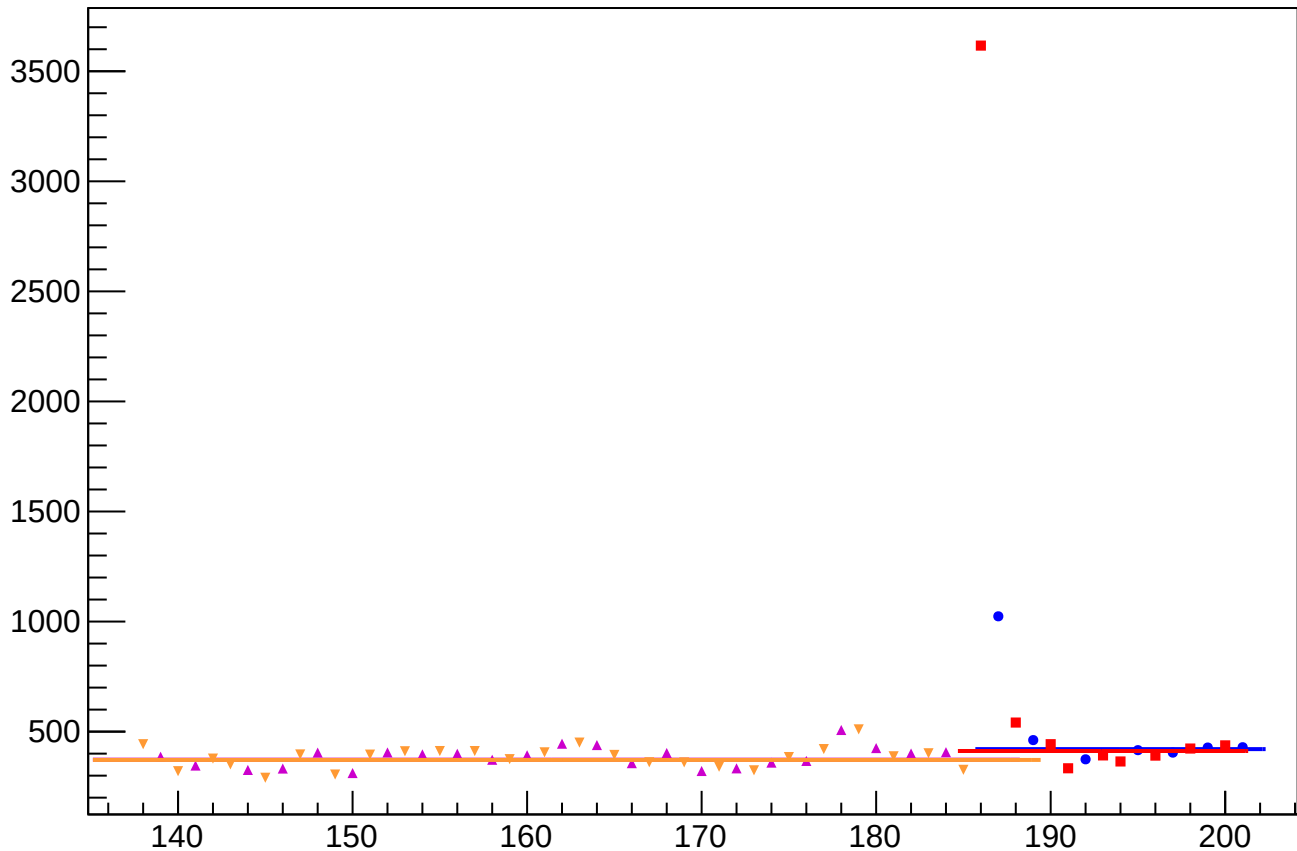
Left In: -104.117 $\pm$ 89.613 χ^2 /NDF:29.7/22

+ sign -368.802 $\pm$ 80.627 χ^2 /NDF: 32.3/31

All: -261.911 $\pm$ 56.769 χ^2 /NDF: 72.4/63

- sign -156.820 $\pm$ 79.946 χ^2 /NDF: 36.6/31

asym_sam_37_48_dd_rms vs Slug



Right In: 420.539 $\pm$ 0.145 χ^2 /NDF: 127664.6/6

Left Out: 371.375 $\pm$ 0.062 χ^2 /NDF: 604123.3/24

Right Out: 411.977 $\pm$ 0.125 χ^2 /NDF: 747885.8/8

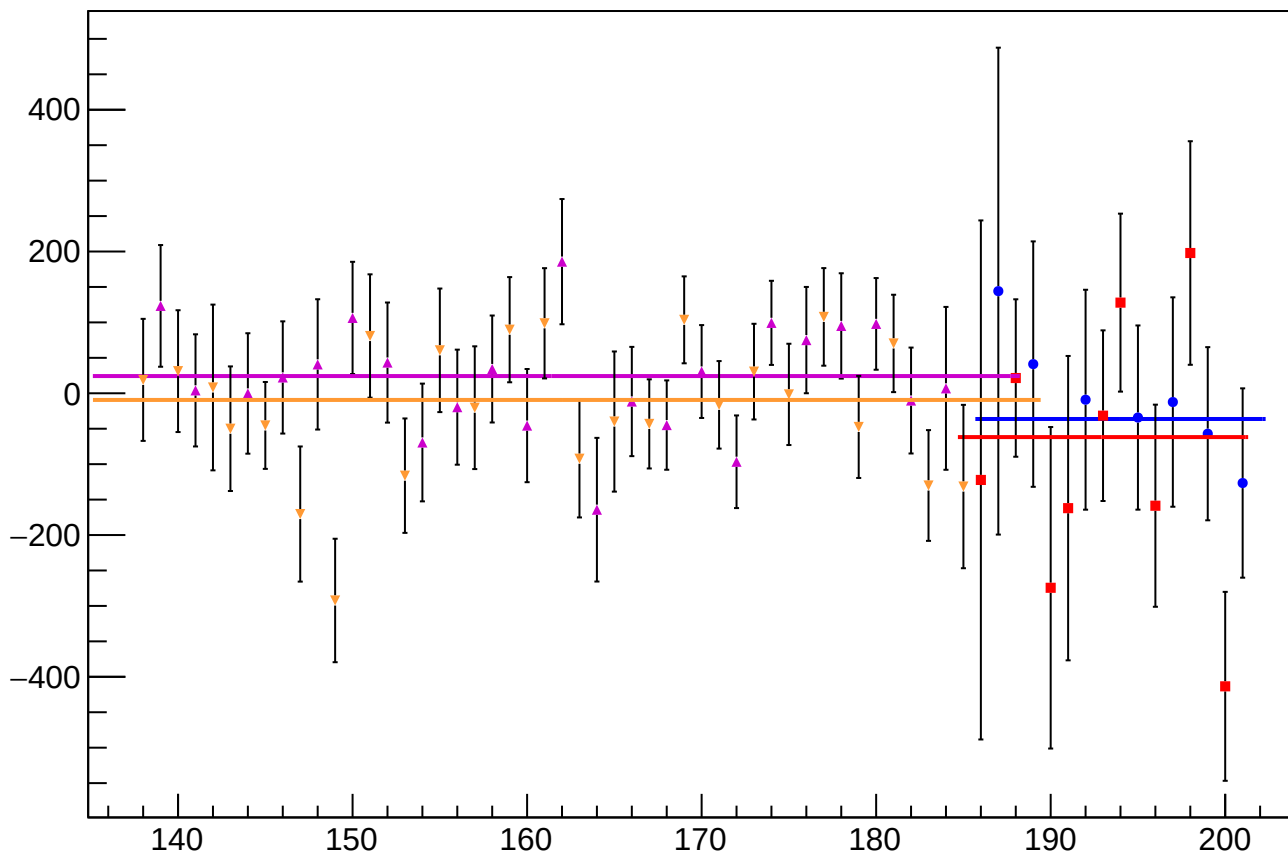
Left In: 372.574 $\pm$ 0.063 χ^2 /NDF: 464397.2/22

+ sign 378.991 $\pm$ 0.057 χ^2 /NDF: 829138.8/31

All: 379.811 $\pm$ 0.040 χ^2 /NDF: 2120762.8/63

- sign 380.617 $\pm$ 0.057 χ^2 /NDF: 1291213.9/31

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -36.271+/-56.656 χ^2/NDF : 1.0/6

Left Out: -9.398+/-15.471 χ^2/NDF : 34.7/24

Right Out: -61.810+/-49.518 χ^2/NDF : 14.2/8

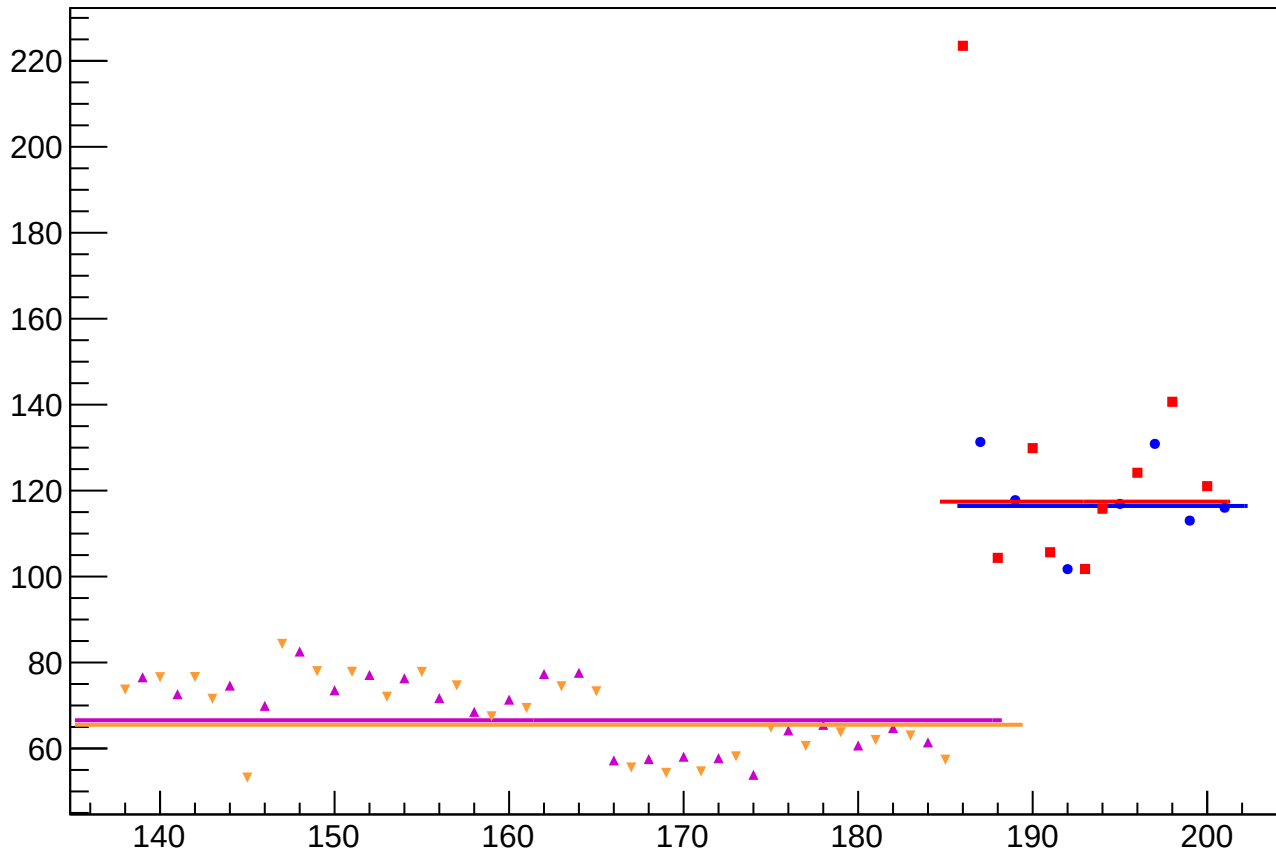
Left In: 24.293+/-16.034 χ^2/NDF : 21.1/22

+ sign -11.263+/-14.925 χ^2/NDF : 35.9/31

All: 2.131+/-10.668 χ^2/NDF : 75.6/63

- sign 16.123+/-15.254 χ^2/NDF : 38.0/31

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 116.429 $\pm$ 0.040 χ^2 /NDF: 42586.2/6

Left Out: 65.512 $\pm$ 0.011 χ^2 /NDF: 666993.4/24

Right Out: 117.433 $\pm$ 0.035 χ^2 /NDF: 291254.1/8

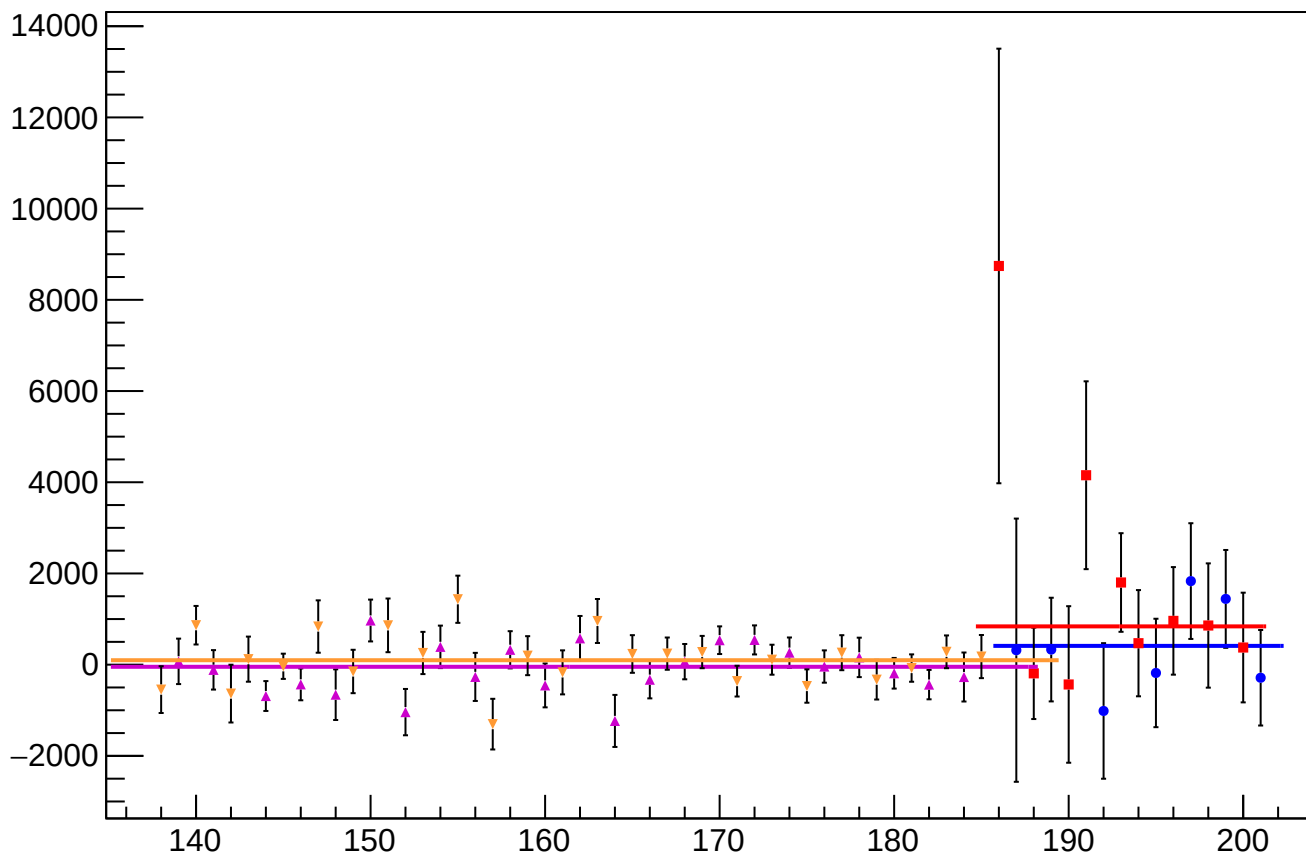
Left In: 66.564 $\pm$ 0.011 χ^2 /NDF: 521302.1/22

+ sign 69.045 $\pm$ 0.011 χ^2 /NDF: 2212839.7/31

All: 70.192 $\pm$ 0.008 χ^2 /NDF: 4959900.2/63

- sign 71.391 $\pm$ 0.011 χ^2 /NDF: 2722898.6/31

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 411.930+/-473.705 χ^2/NDF : 3.8/6

Left Out: 97.420+/-82.238 χ^2/NDF : 33.3/24

Right Out: 839.447+/-440.362 χ^2/NDF : 8.0/8

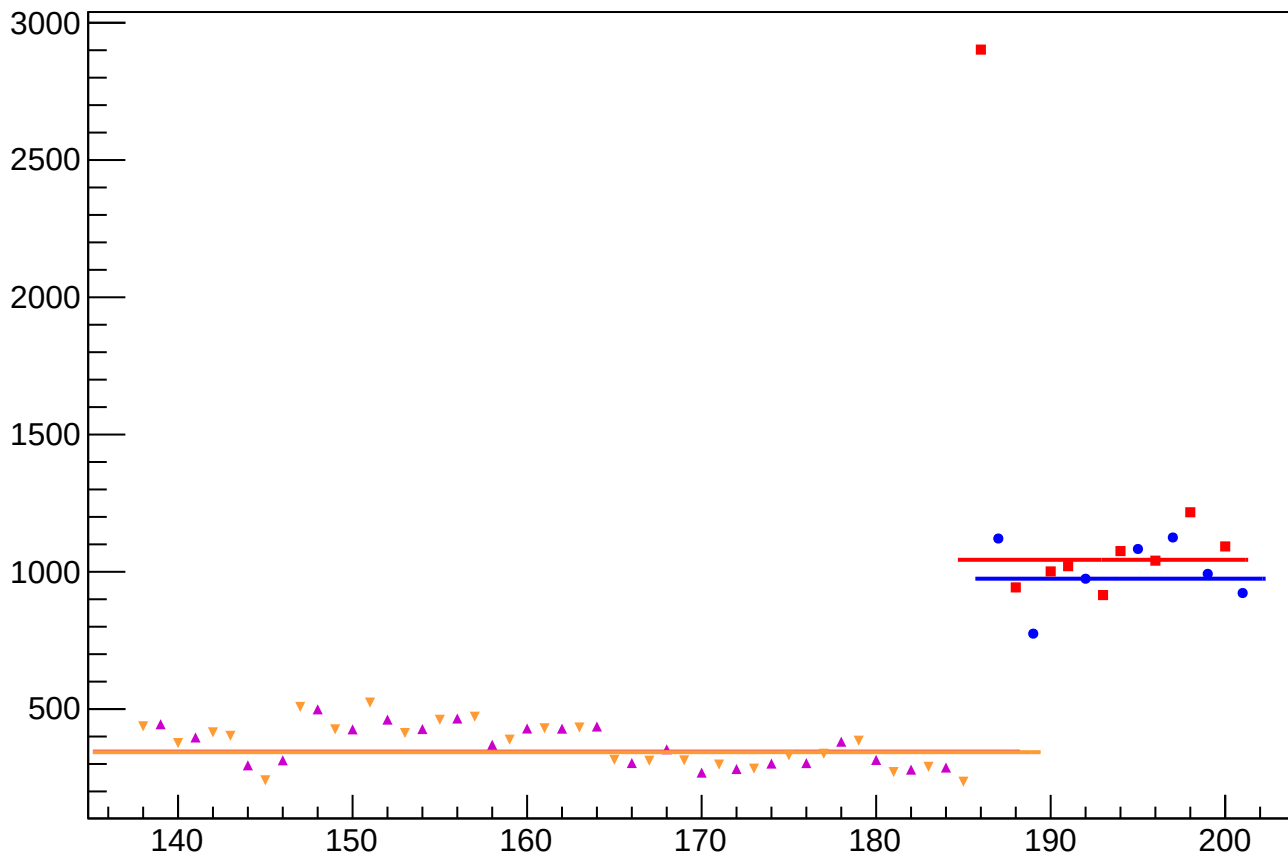
Left In: -46.660+/-83.857 χ^2/NDF : 34.2/22

+ sign 106.622+/-81.026 χ^2/NDF : 37.5/31

All: 46.496+/-57.766 χ^2/NDF : 84.8/63

- sign -15.651+/-82.377 χ^2/NDF : 46.1/31

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 974.945 $\pm$ 0.335 χ^2 /NDF: 117300.5/6

Left Out: 342.995 $\pm$ 0.058 χ^2 /NDF: 1665121.0/24

Right Out: 1043.762 $\pm$ 0.311 χ^2 /NDF: 391191.9/8

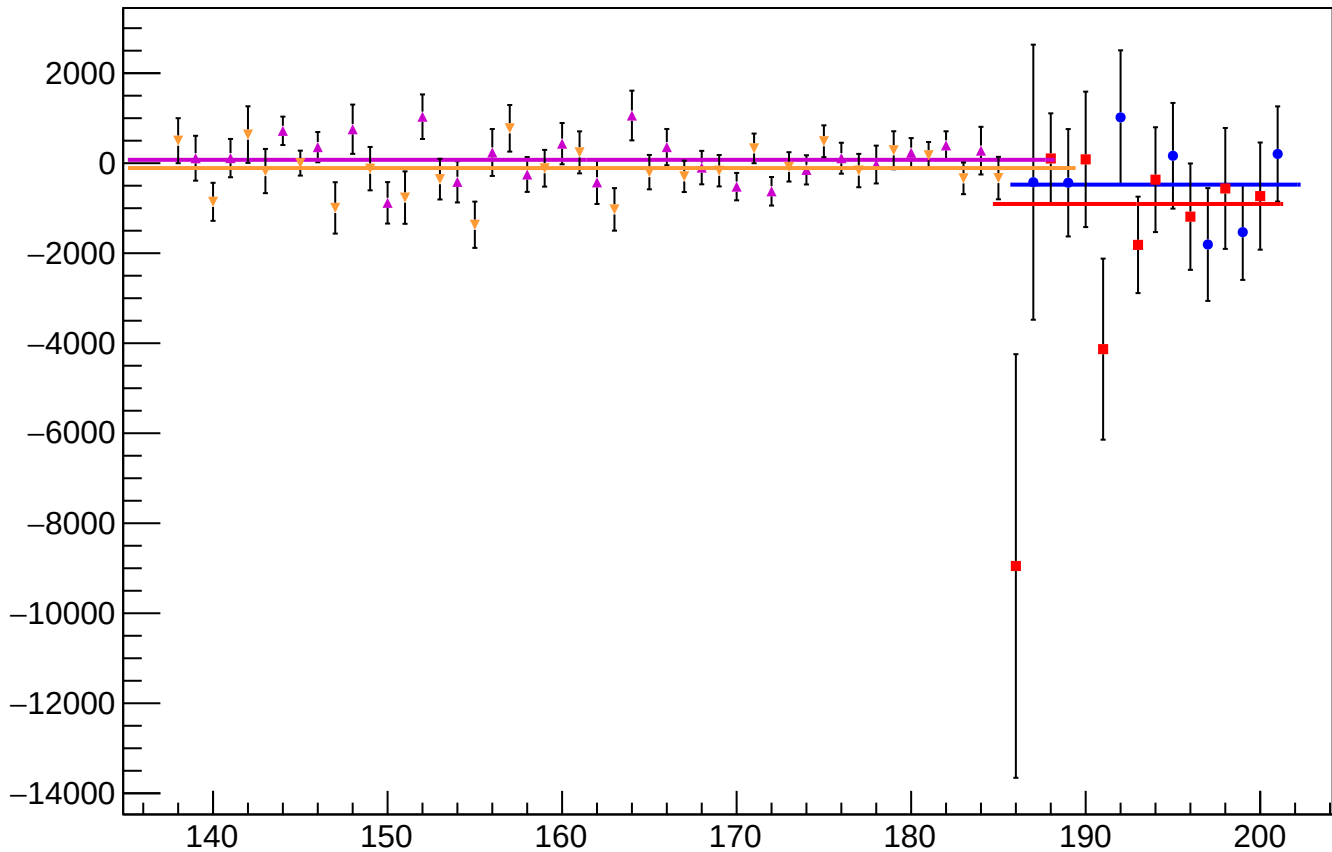
Left In: 344.818 $\pm$ 0.059 χ^2 /NDF: 1264545.0/22

+ sign 361.484 $\pm$ 0.057 χ^2 /NDF: 5237692.2/31

All: 365.316 $\pm$ 0.041 χ^2 /NDF: 11764638.9/63

- sign 369.277 $\pm$ 0.058 χ^2 /NDF: 6517850.1/31

asym_sam_15_26_dd_mean vs Slug



Right In: -476.402 ± 476.516 χ^2/NDF : 3.8/6

Left Out: -108.037 ± 80.579 χ^2/NDF : 30.9/24

Right Out: -905.877 ± 433.889 χ^2/NDF : 8.0/8

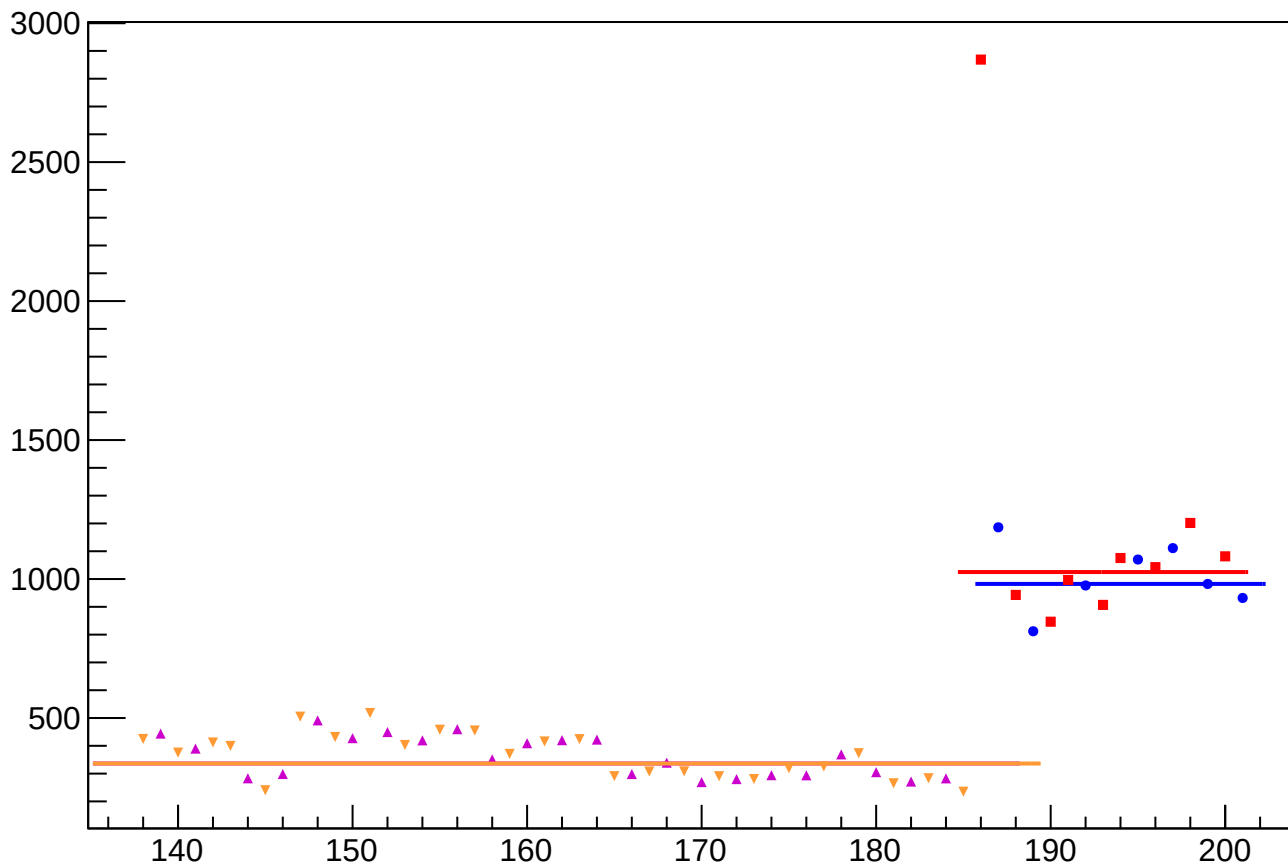
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign -118.277 ± 79.451 χ^2/NDF : 35.3/31

All: -39.609 ± 56.557 χ^2/NDF : 82.9/63

- sign 41.201 ± 80.526 χ^2/NDF : 45.6/31

asym_sam_15_26_dd_rms vs Slug



Right In: 982.436 ± 0.337 χ^2/NDF : 86519.9/6

Left Out: 336.231 ± 0.057 χ^2/NDF : 1659693.0/24

Right Out: 1025.156 ± 0.307 χ^2/NDF : 416613.5/8

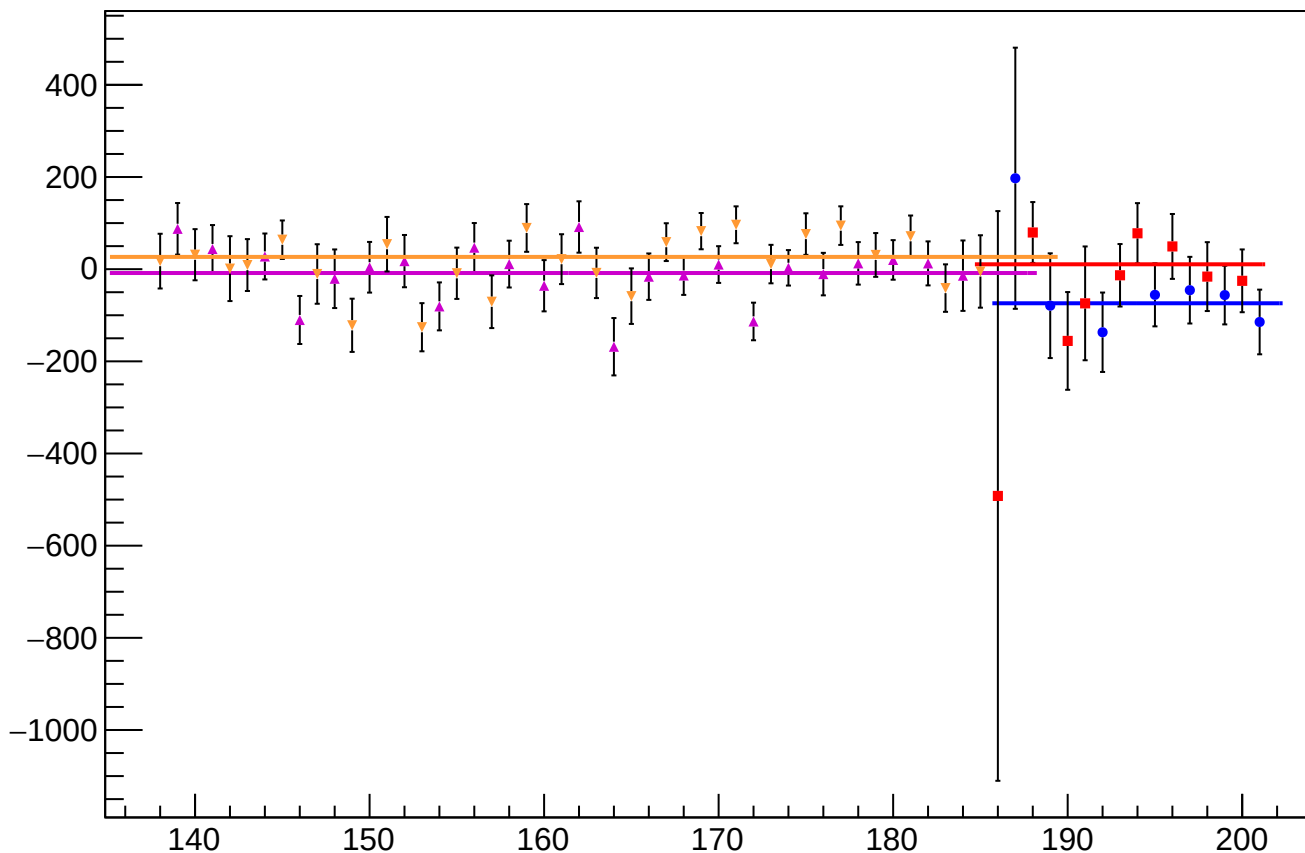
Left In: 336.396 ± 0.058 χ^2/NDF : 1269587.6/22

+ sign 354.196 ± 0.056 χ^2/NDF : 5321997.4/31

All: 357.118 ± 0.040 χ^2/NDF : 11879836.2/63

- sign 360.119 ± 0.057 χ^2/NDF : 6552354.6/31

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -73.979 ± 30.437 χ^2/NDF : 2.1/6

Left Out: 26.633 ± 10.090 χ^2/NDF : 36.5/24

Right Out: 10.592 ± 26.409 χ^2/NDF : 6.6/8

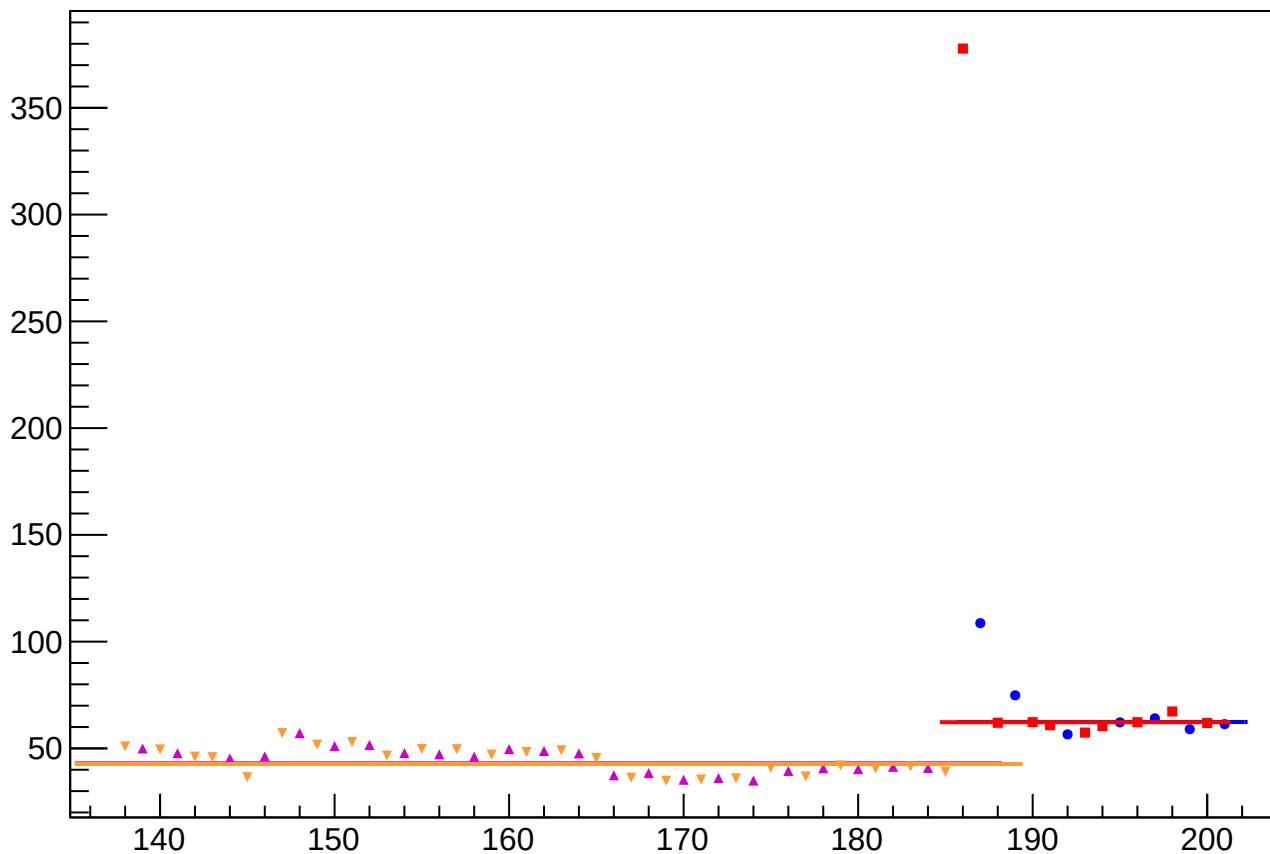
Left In: -8.325 ± 10.361 χ^2/NDF : 29.6/22

+ sign 16.670 ± 9.578 χ^2/NDF : 48.4/31

All: 5.513 ± 6.796 χ^2/NDF : 87.7/63

- sign -5.802 ± 9.645 χ^2/NDF : 36.6/31

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 62.373+/-0.022 χ^2/NDF : 93848.8/6

Left Out: 42.716+/-0.007 χ^2/NDF : 771558.7/24

Right Out: 62.276+/-0.019 χ^2/NDF : 542157.8/8

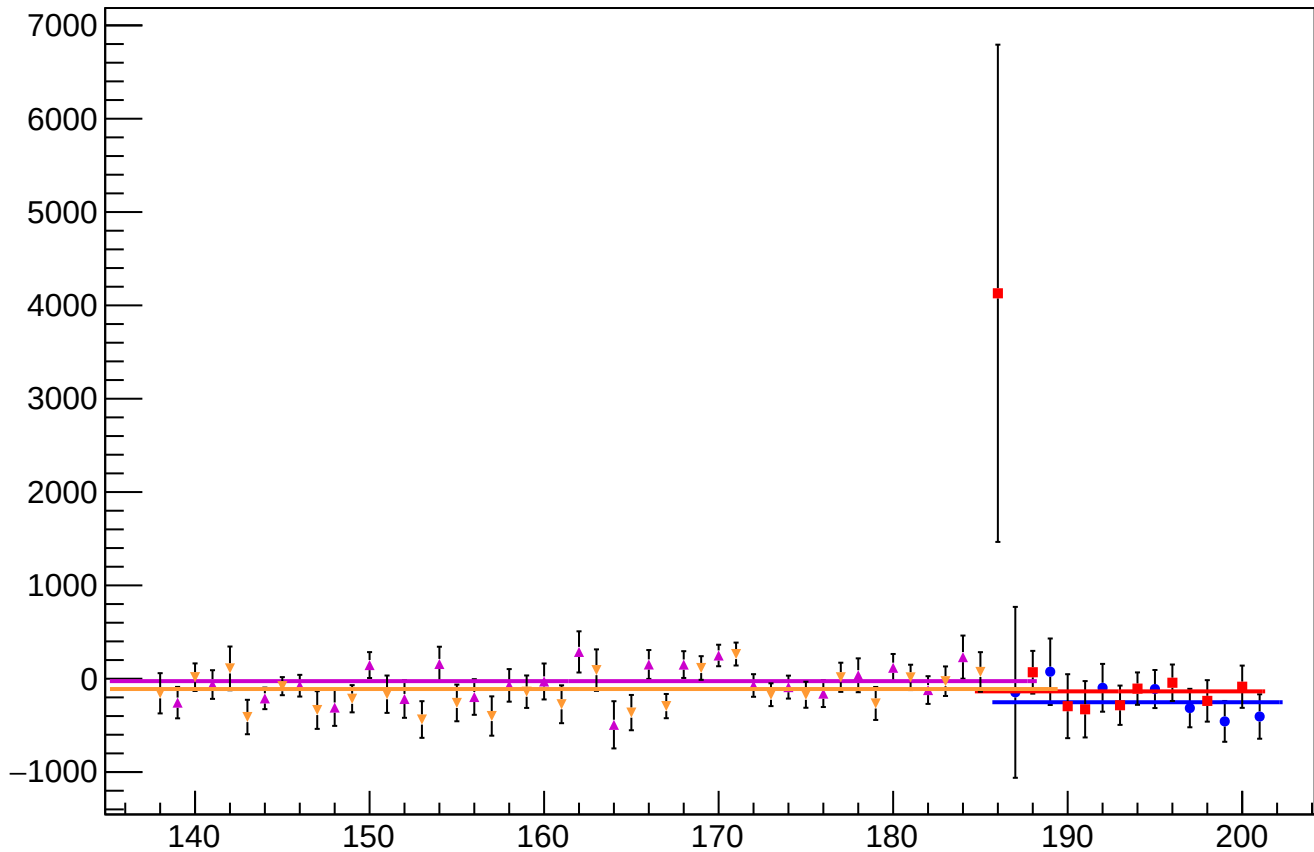
Left In: 43.021+/-0.007 χ^2/NDF : 642598.9/22

+ sign 44.662+/-0.007 χ^2/NDF : 1616992.2/31

All: 45.123+/-0.005 χ^2/NDF : 3732416.3/63

- sign 45.590+/-0.007 χ^2/NDF : 2106113.9/31

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -251.842 ± 95.125 χ^2/NDF : 3.1/6

Left Out: -110.340 ± 31.717 χ^2/NDF : 33.0/24

Right Out: -135.400 ± 78.953 χ^2/NDF : 5.0/8

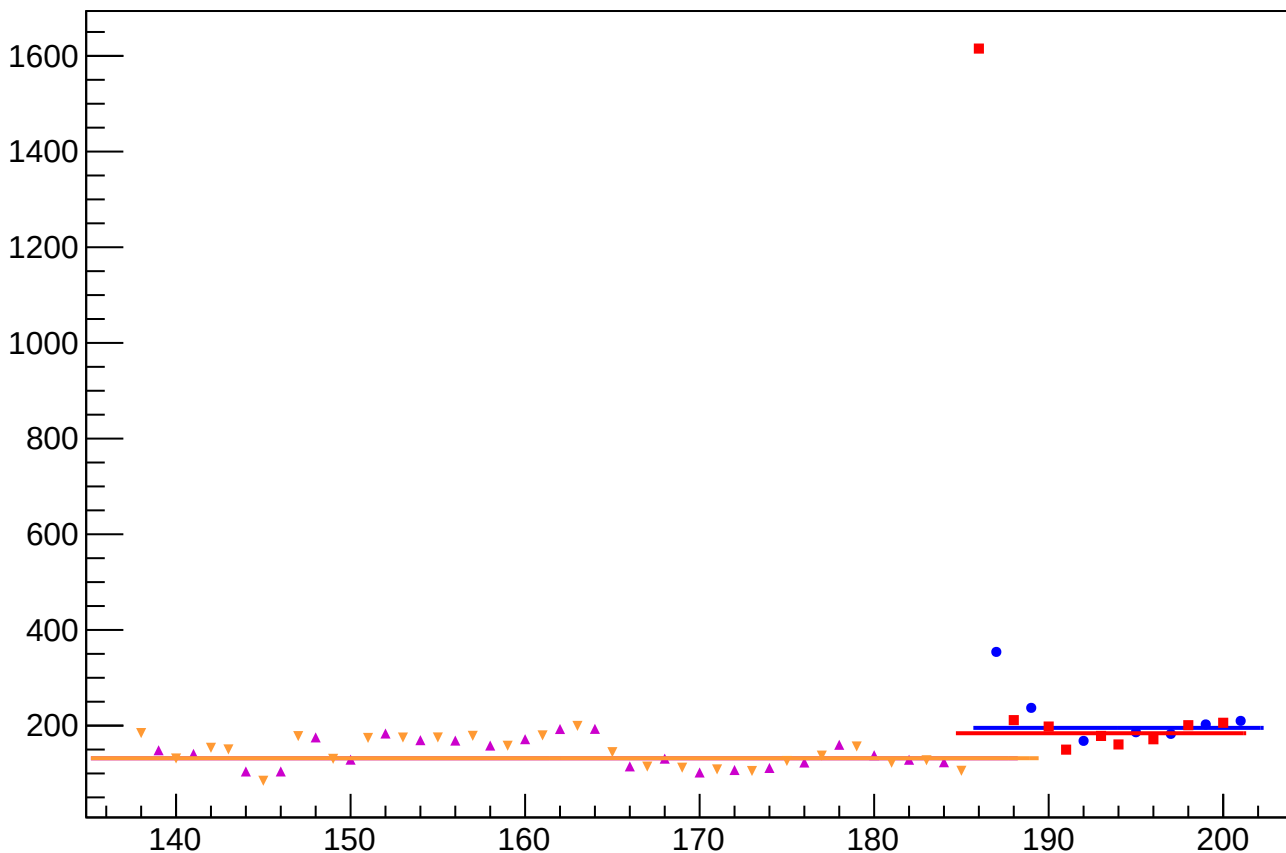
Left In: -25.828 ± 32.100 χ^2/NDF : 29.0/22

+ sign -124.497 ± 30.089 χ^2/NDF : 38.0/31

All: -82.444 ± 21.150 χ^2/NDF : 77.6/63

- sign -41.370 ± 29.736 χ^2/NDF : 35.7/31

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 195.296 $\pm$ 0.067 χ^2/NDF : 131494.5/6

Left Out: 131.875 $\pm$ 0.022 χ^2/NDF : 1806379.2/24

Right Out: 184.080 $\pm$ 0.056 χ^2/NDF : 711569.4/8

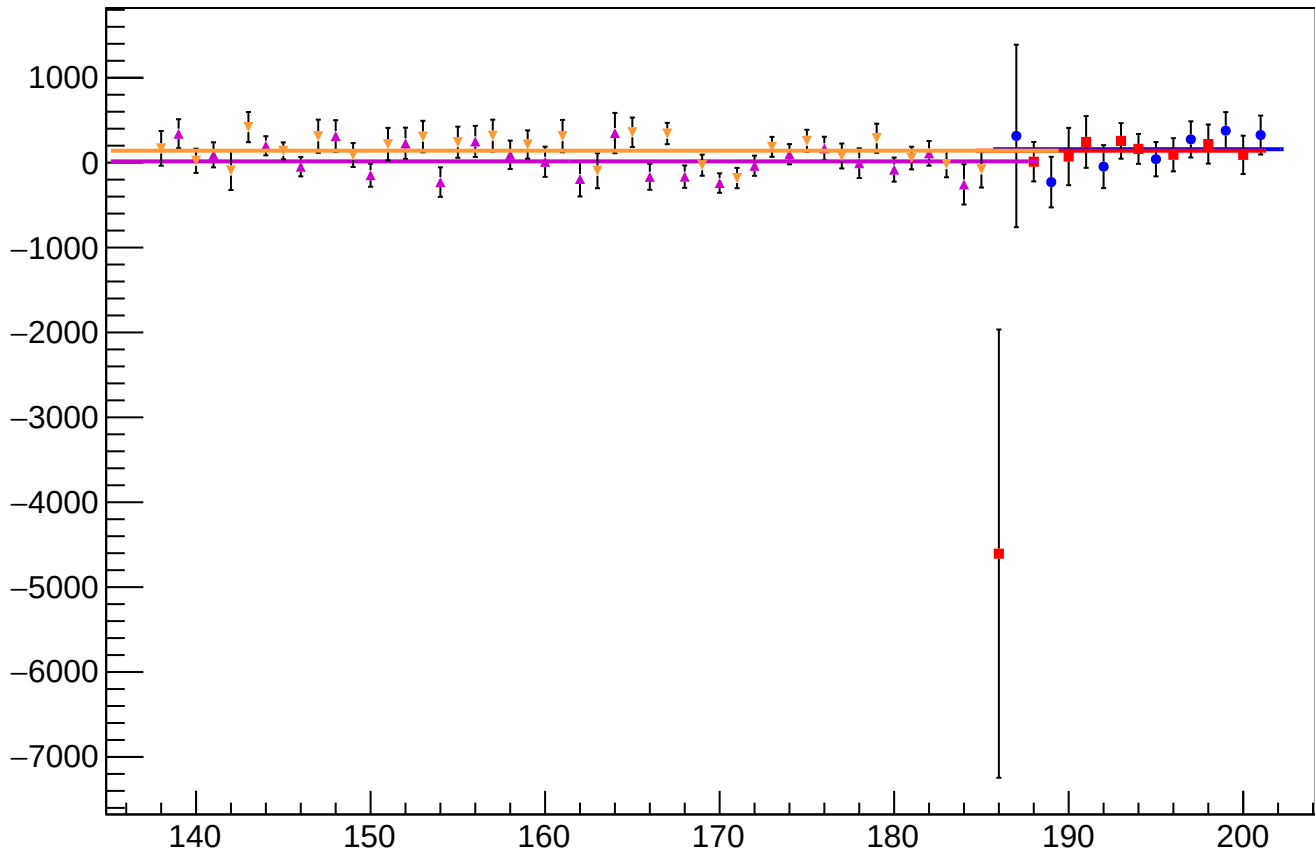
Left In: 131.630 $\pm$ 0.023 χ^2/NDF : 1403692.5/22

+ sign 138.220 $\pm$ 0.021 χ^2/NDF : 2737957.6/31

All: 138.650 $\pm$ 0.015 χ^2/NDF : 5611478.7/63

- sign 139.070 $\pm$ 0.021 χ^2/NDF : 2872714.1/31

asym_sam_37_26_dd_mean vs Slug



Right In: 158.158 $\pm$ 93.578 χ^2 /NDF: 4.5/6

Left Out: 141.008 $\pm$ 30.636 χ^2 /NDF: 27.1/24

Right Out: 140.756 $\pm$ 79.582 χ^2 /NDF: 4.2/8

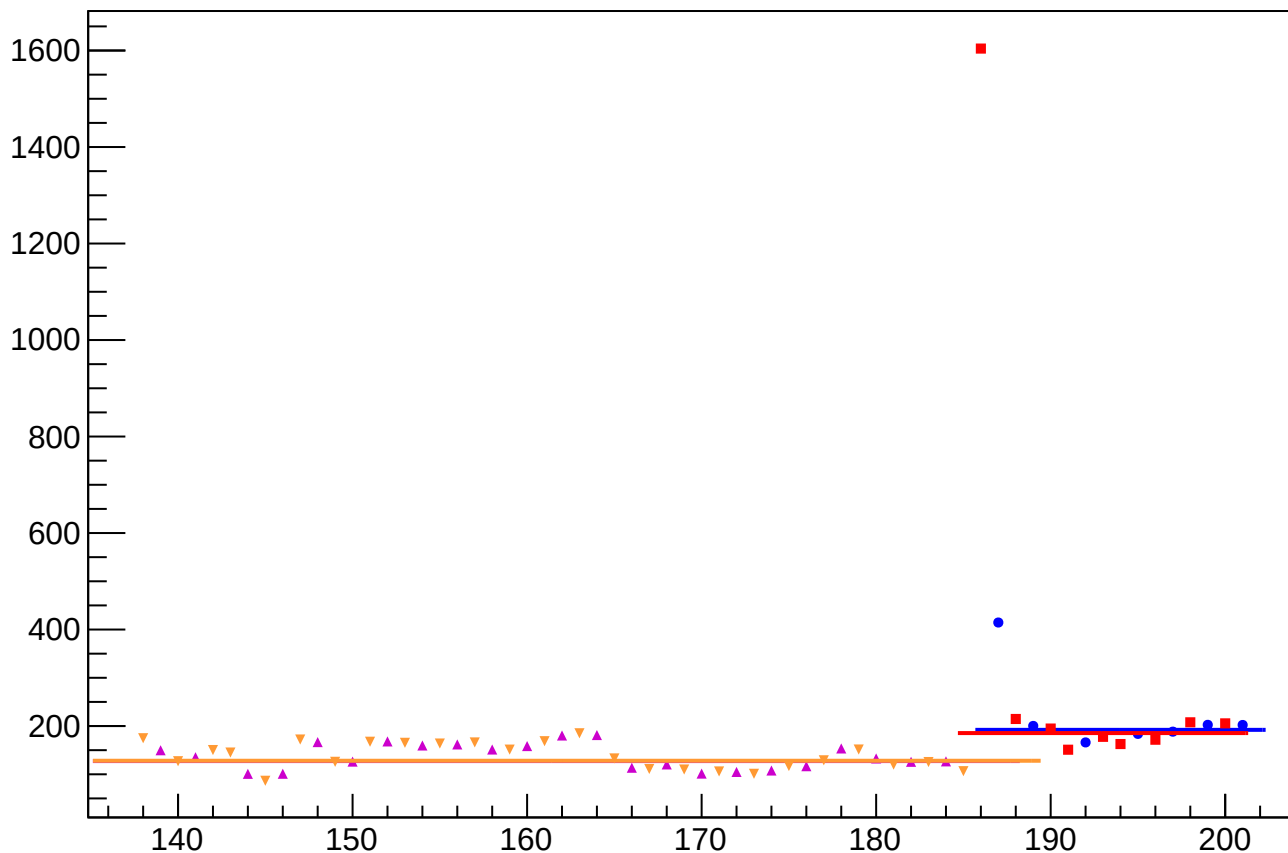
Left In: 15.199 $\pm$ 31.033 χ^2 /NDF: 31.4/22

+ sign 142.668 $\pm$ 29.115 χ^2 /NDF: 31.7/31

All: 86.833 $\pm$ 20.515 χ^2 /NDF: 76.8/63

- sign 31.771 $\pm$ 28.913 χ^2 /NDF: 37.8/31

asym_sam_37_26_dd_rms vs Slug



Right In: 192.103+/-0.066 χ^2/NDF : 120805.0/6

Left Out: 128.060+/-0.022 χ^2/NDF : 1530283.7/24

Right Out: 185.418+/-0.056 χ^2/NDF : 716862.7/8

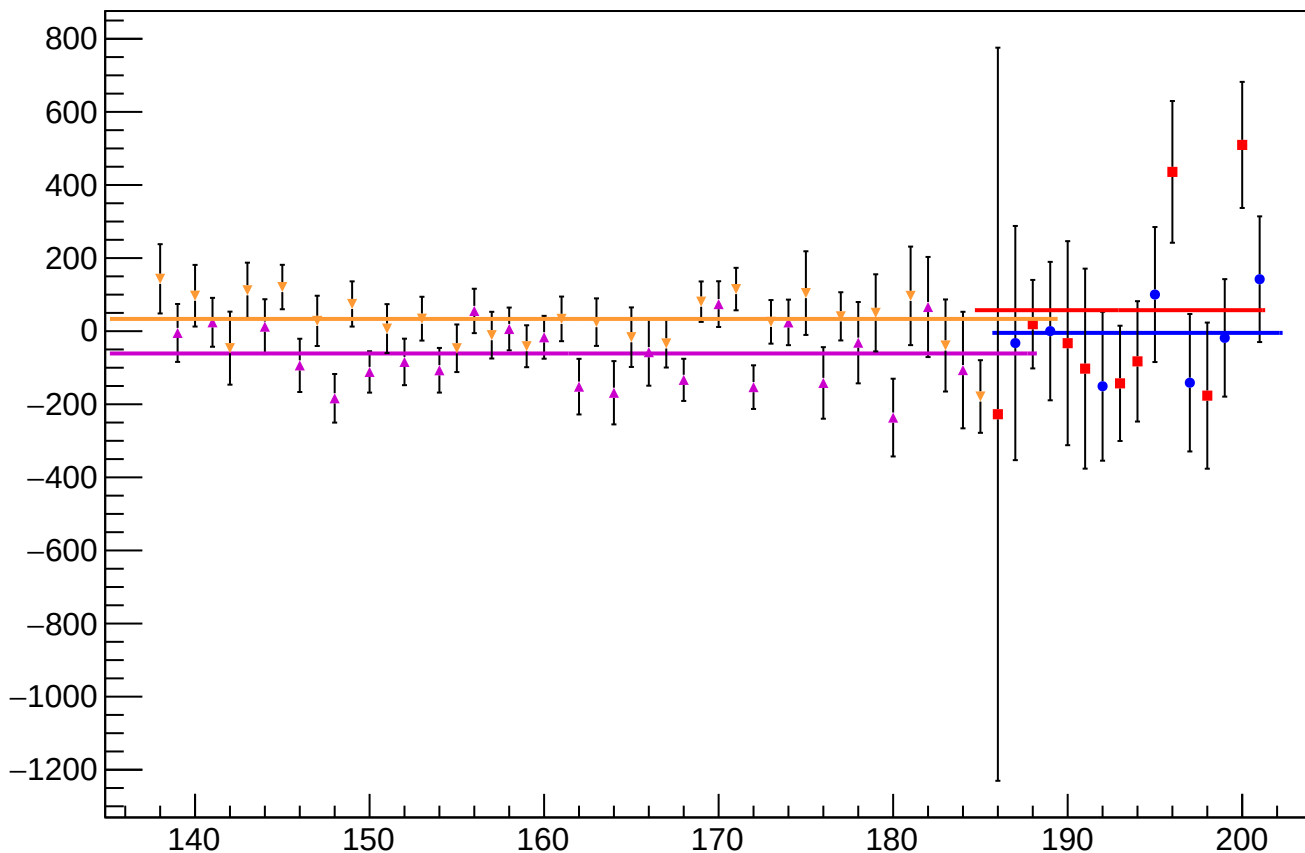
Left In: 127.380+/-0.022 χ^2/NDF : 1229899.0/22

+ sign 134.259+/-0.021 χ^2/NDF : 2497173.6/31

All: 134.652+/-0.015 χ^2/NDF : 5367984.6/63

- sign 135.040+/-0.020 χ^2/NDF : 2870086.4/31

dit_asym_sam_1357_avg_mean vs Slug



Right In: -4.642 ± 72.204 χ^2/NDF : 2.1/6

Left Out: 33.535 ± 14.197 χ^2/NDF : 19.7/24

Right Out: 57.449 ± 62.292 χ^2/NDF : 15.0/8

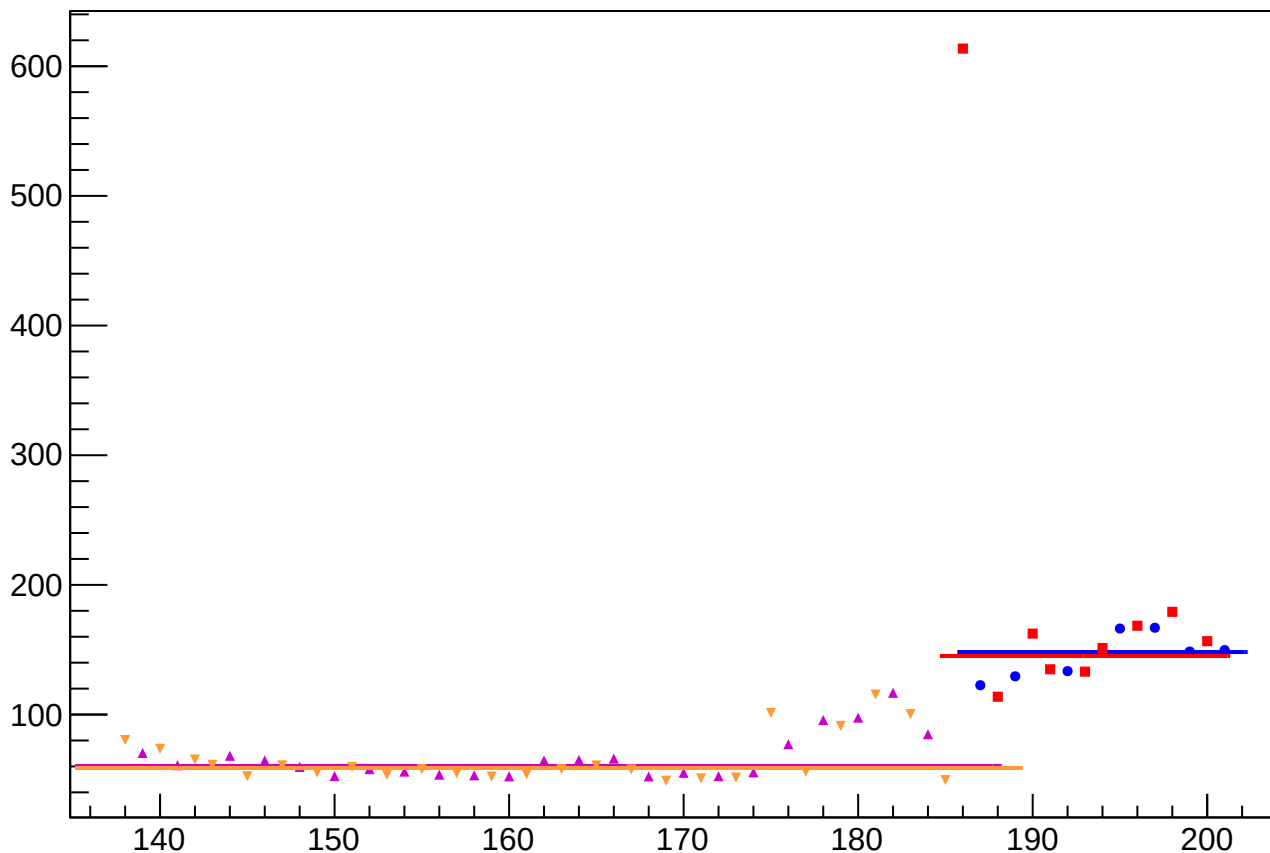
Left In: -60.992 ± 14.839 χ^2/NDF : 31.6/22

+ sign 32.114 ± 13.930 χ^2/NDF : 22.0/31

All: -9.714 ± 10.024 χ^2/NDF : 90.8/63

- sign -54.631 ± 14.435 χ^2/NDF : 50.0/31

dit_asym_sam_1357_avg_rms vs Slug



Right In: 148.217+/-0.051 χ^2/NDF : 81970.1/6

Left Out: 58.793+/-0.010 χ^2/NDF : 1460561.7/24

Right Out: 145.177+/-0.044 χ^2/NDF : 691793.1/8

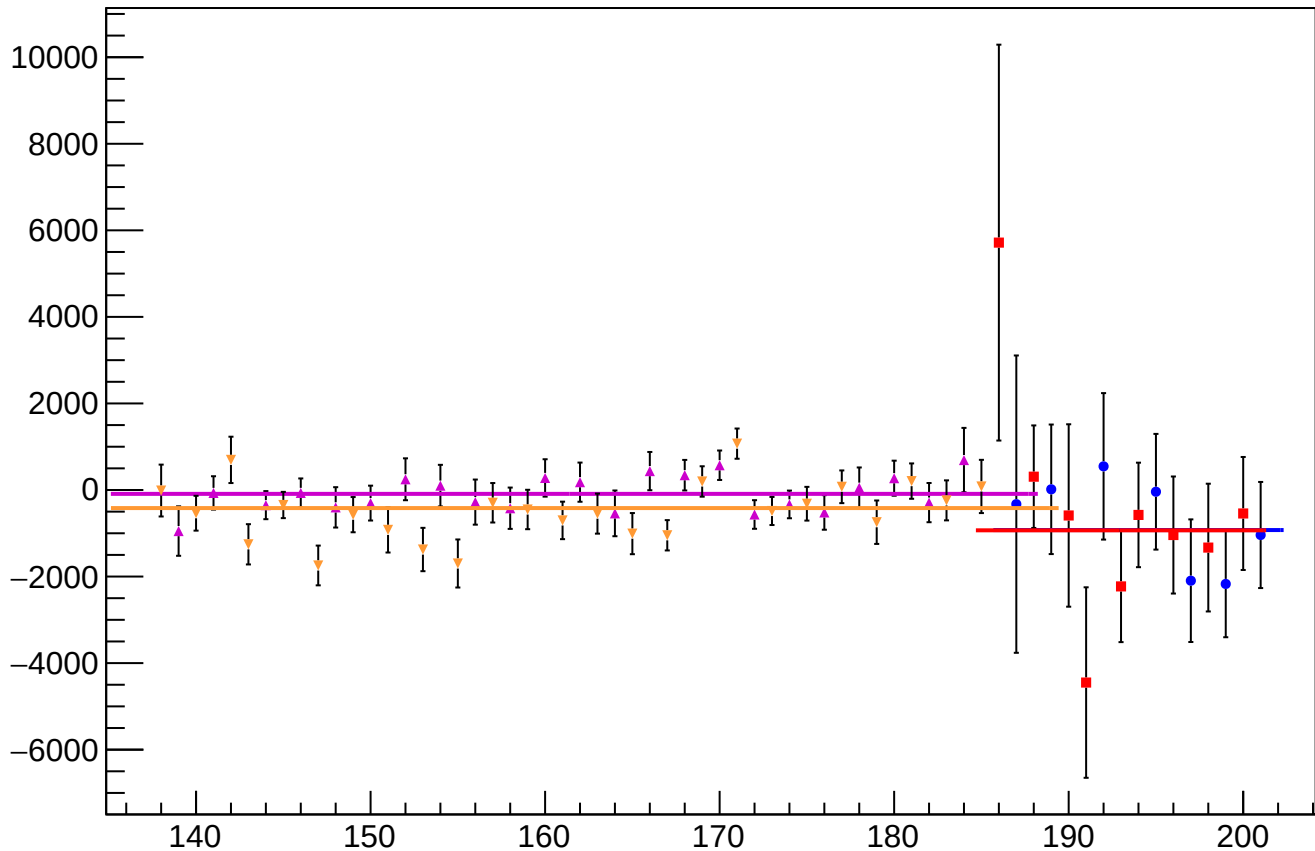
Left In: 60.355+/-0.010 χ^2/NDF : 1217671.4/22

+ sign 62.121+/-0.010 χ^2/NDF : 4496055.9/31

All: 63.466+/-0.007 χ^2/NDF : 9953381.5/63

- sign 64.910+/-0.010 χ^2/NDF : 5418678.6/31

asym_sam_1357_avg_correction_mean vs Slug



Right In: -925.667 ± 553.569 χ^2/NDF : 3.3/6

Left Out: -417.817 ± 84.969 χ^2/NDF : 58.5/24

Right Out: -931.819 ± 495.444 χ^2/NDF : 7.1/8

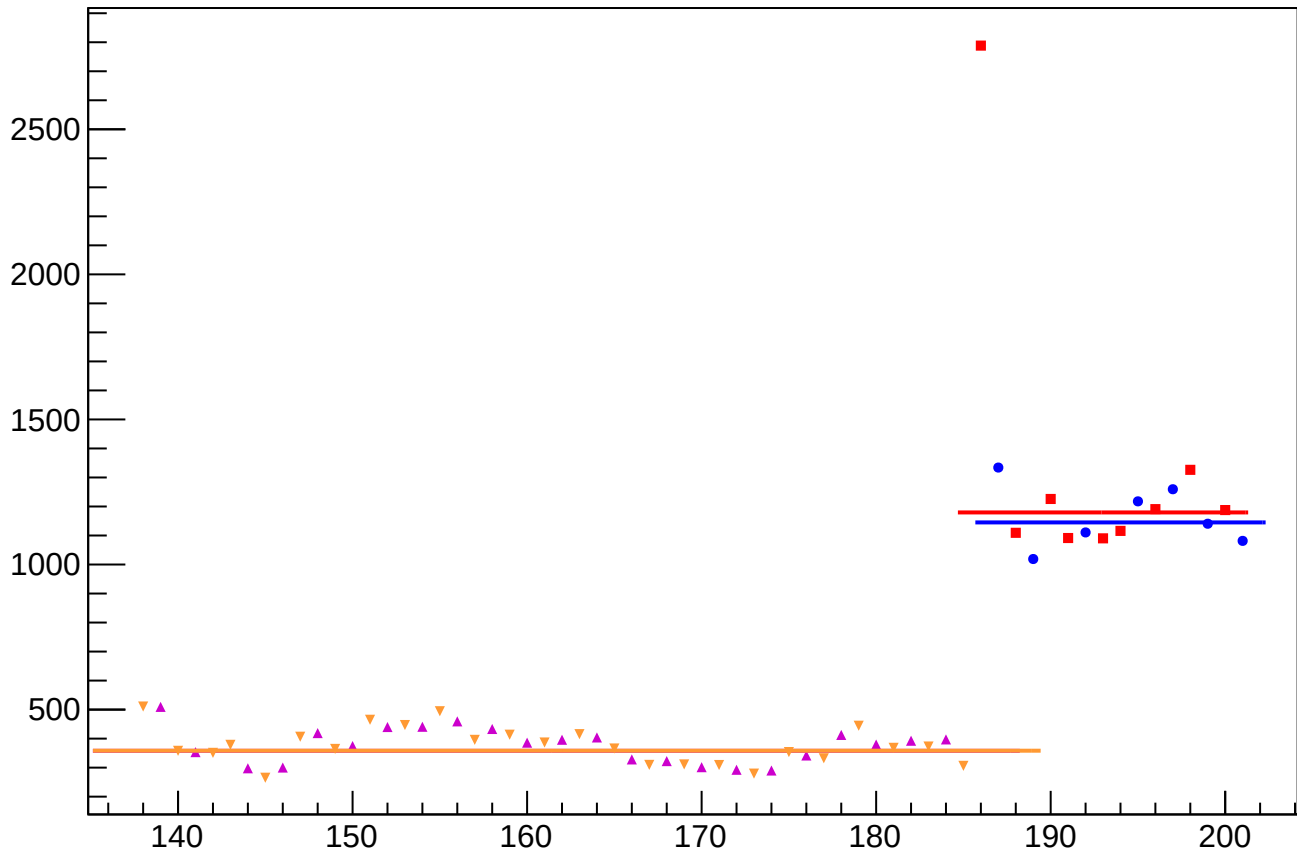
Left In: -89.505 ± 86.438 χ^2/NDF : 19.4/22

+ sign -429.507 ± 83.986 χ^2/NDF : 62.7/31

All: -274.120 ± 59.795 χ^2/NDF : 98.9/63

- sign -114.387 ± 85.152 χ^2/NDF : 29.3/31

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1145.107 $\pm$ 0.391 χ^2 /NDF: 45441.8/6

Left Out: 358.349 $\pm$ 0.060 χ^2 /NDF:1011872.8/24

Right Out: 1179.521 $\pm$ 0.350 χ^2 /NDF: 293867.8/8

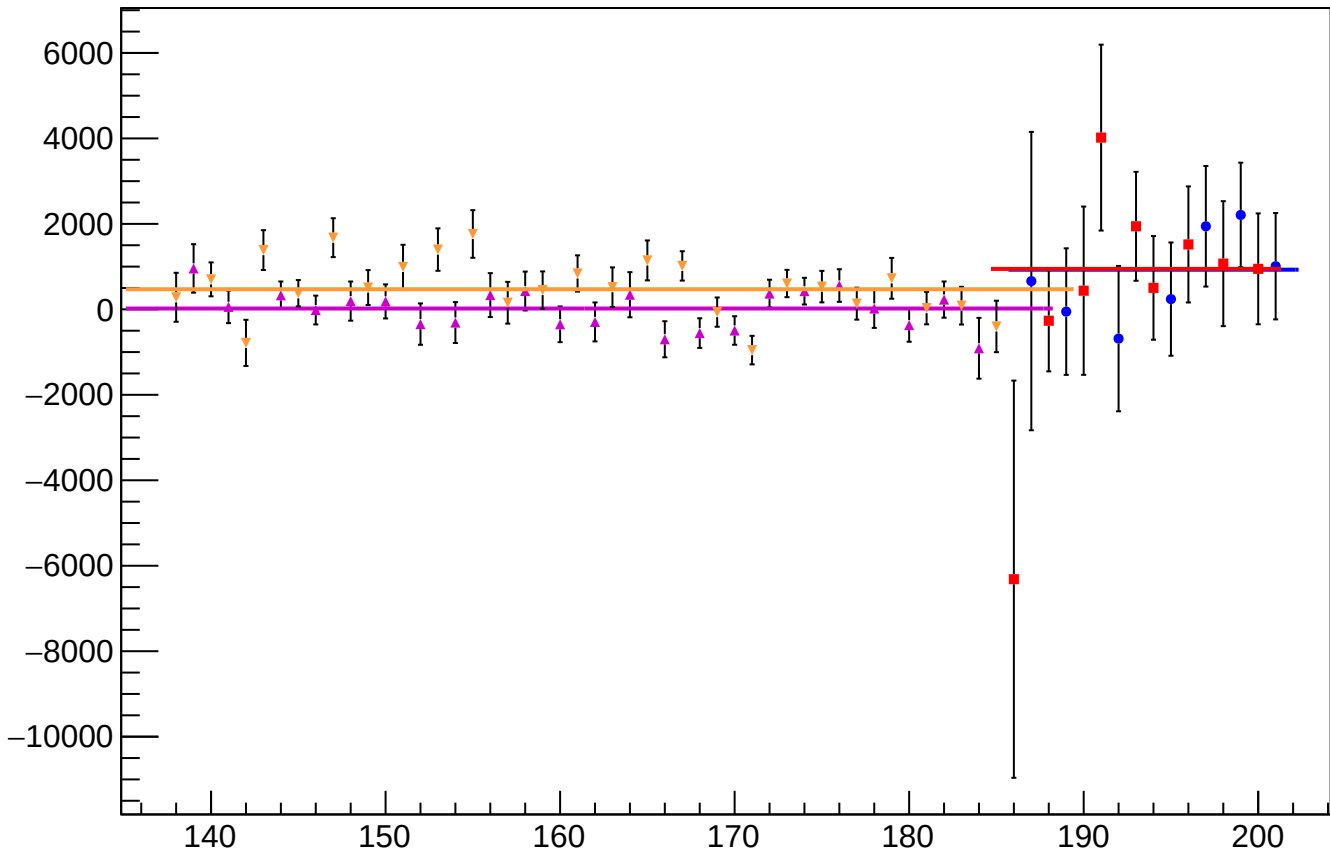
Left In: 357.802 $\pm$ 0.061 χ^2 /NDF:893330.5/22

+ sign 376.459 $\pm$ 0.059 χ^2 /NDF: 5004210.7/31

All: 379.228 $\pm$ 0.042 χ^2 /NDF: 11534884.5/63

- sign 382.075 $\pm$ 0.060 χ^2 /NDF: 6526264.0/31

asym_sam_1357_avg_mean vs Slug



Right In: 928.083 ± 553.073 χ^2/NDF : 3.2/6

Left Out: 470.804 ± 83.480 χ^2/NDF : 58.7/24

Right Out: 945.995 ± 492.208 χ^2/NDF : 6.5/8

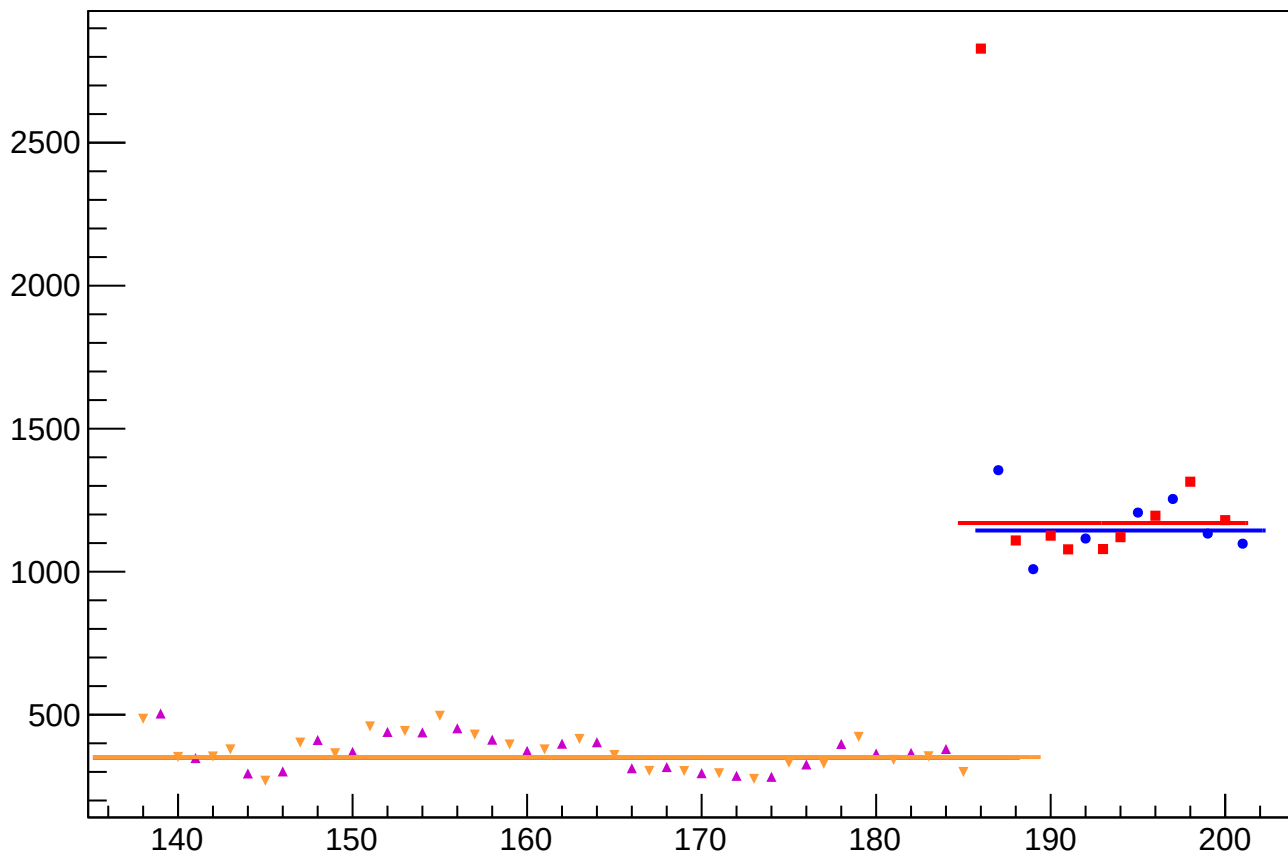
Left In: 19.328 ± 84.679 χ^2/NDF : 23.7/22

+ sign 480.990 ± 82.545 χ^2/NDF : 62.6/31

All: 265.859 ± 58.687 χ^2/NDF : 109.9/63

- sign 45.966 ± 83.453 χ^2/NDF : 33.6/31

asym_sam_1357_avg_rms vs Slug



Right In: 1144.050+/-0.391 χ^2/NDF : 44083.7/6

Left Out: 351.777+/-0.059 χ^2/NDF : 1016791.1/24

Right Out: 1170.263+/-0.348 χ^2/NDF : 298511.6/8

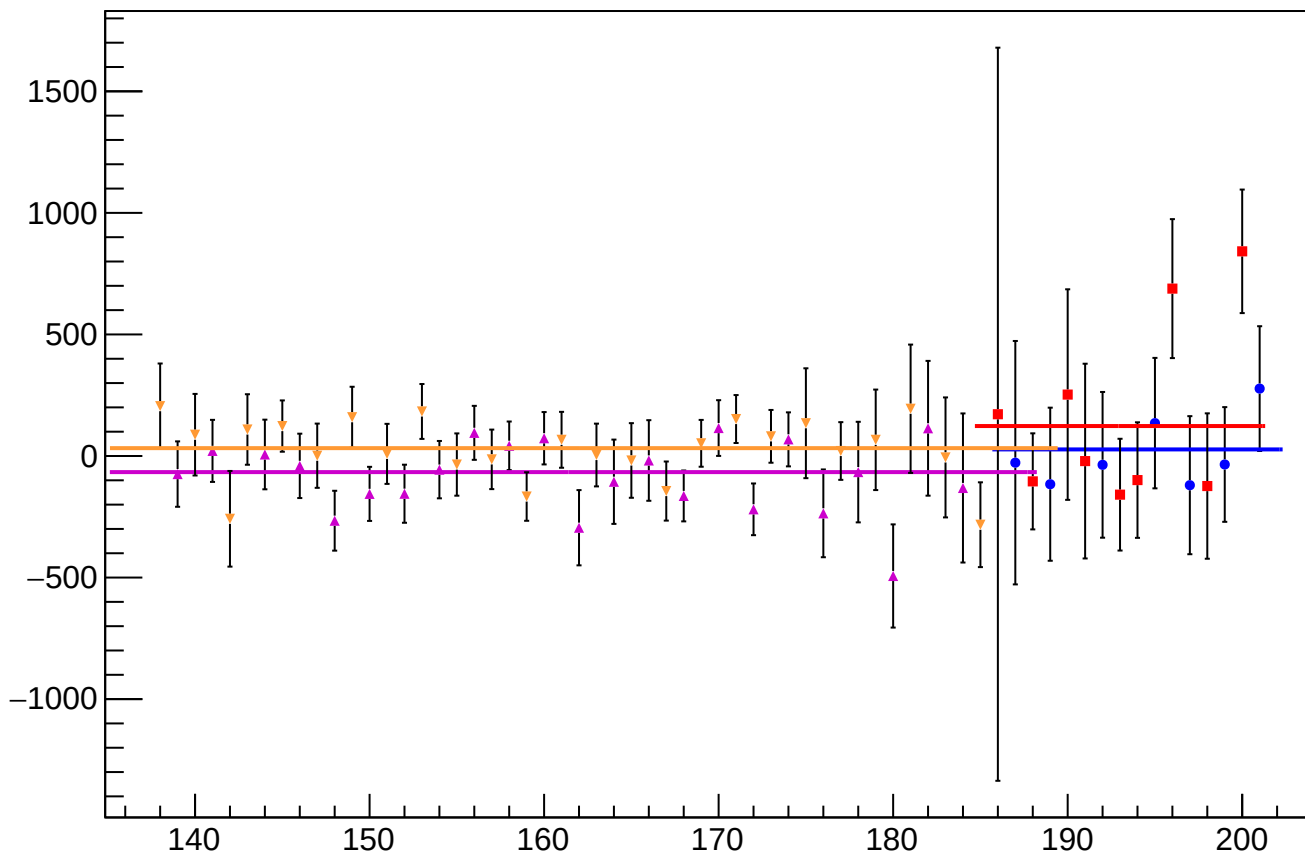
Left In: 350.037+/-0.060 χ^2/NDF : 889435.7/22

+ sign 369.425+/-0.058 χ^2/NDF : 5073532.1/31

All: 371.497+/-0.041 χ^2/NDF : 11658295.2/63

- sign 373.616+/-0.059 χ^2/NDF : 6582213.2/31

dit_asym_sam_2468_avg_mean vs Slug



Right In: 27.067 ± 108.678 χ^2/NDF : 1.7/6

Left Out: 32.332 ± 26.320 χ^2/NDF : 19.6/24

Right Out: 123.222 ± 93.998 χ^2/NDF : 16.5/8

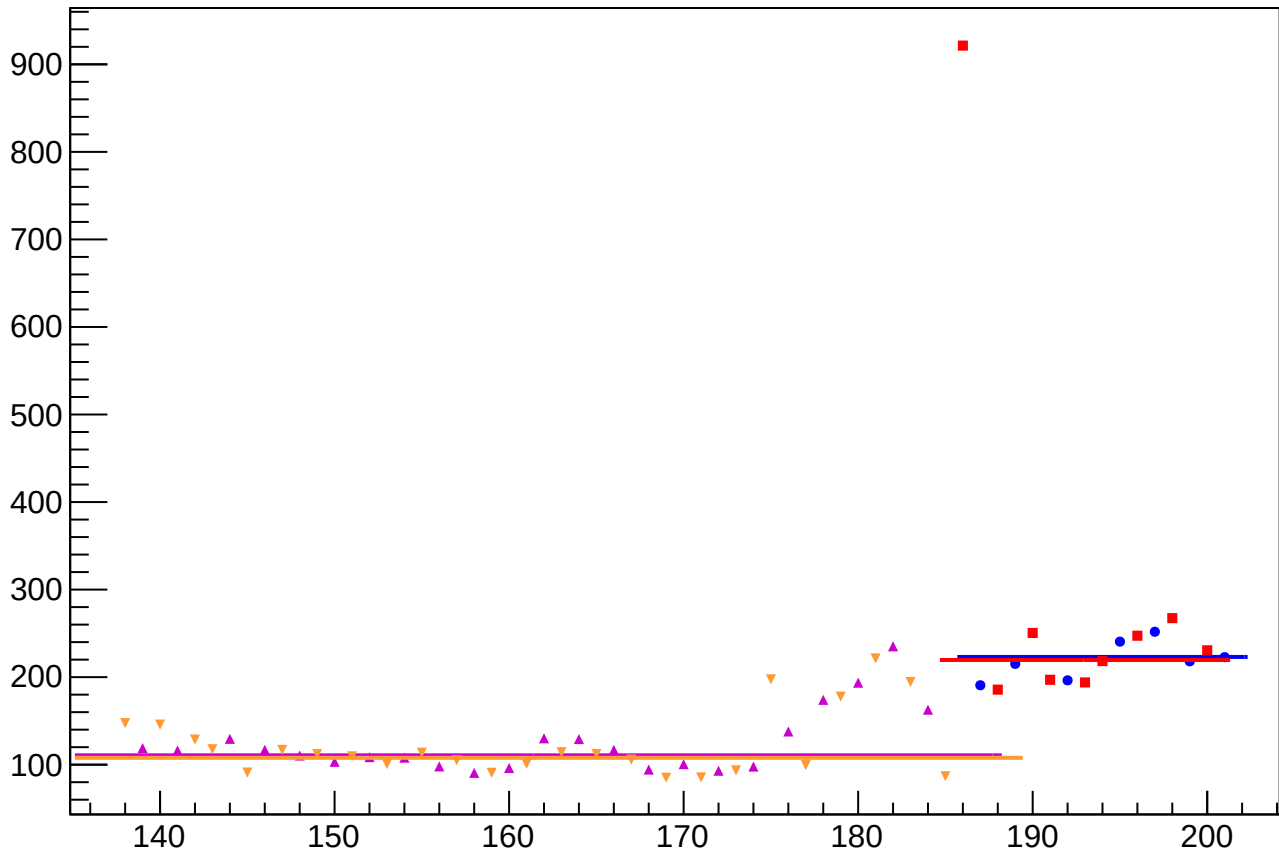
Left In: -66.254 ± 27.450 χ^2/NDF : 24.2/22

+ sign 32.040 ± 25.581 χ^2/NDF : 21.3/31

All: -8.428 ± 18.354 χ^2/NDF : 70.9/63

- sign -51.365 ± 26.350 χ^2/NDF : 44.5/31

dit_asym_sam_2468_avg_rms vs Slug



Right In: 223.075 $\pm$ 0.077 χ^2 /NDF: 55401.5/6

Left Out: 107.852 $\pm$ 0.019 χ^2 /NDF: 1833747.9/24

Right Out: 219.610 $\pm$ 0.066 χ^2 /NDF: 607408.2/8

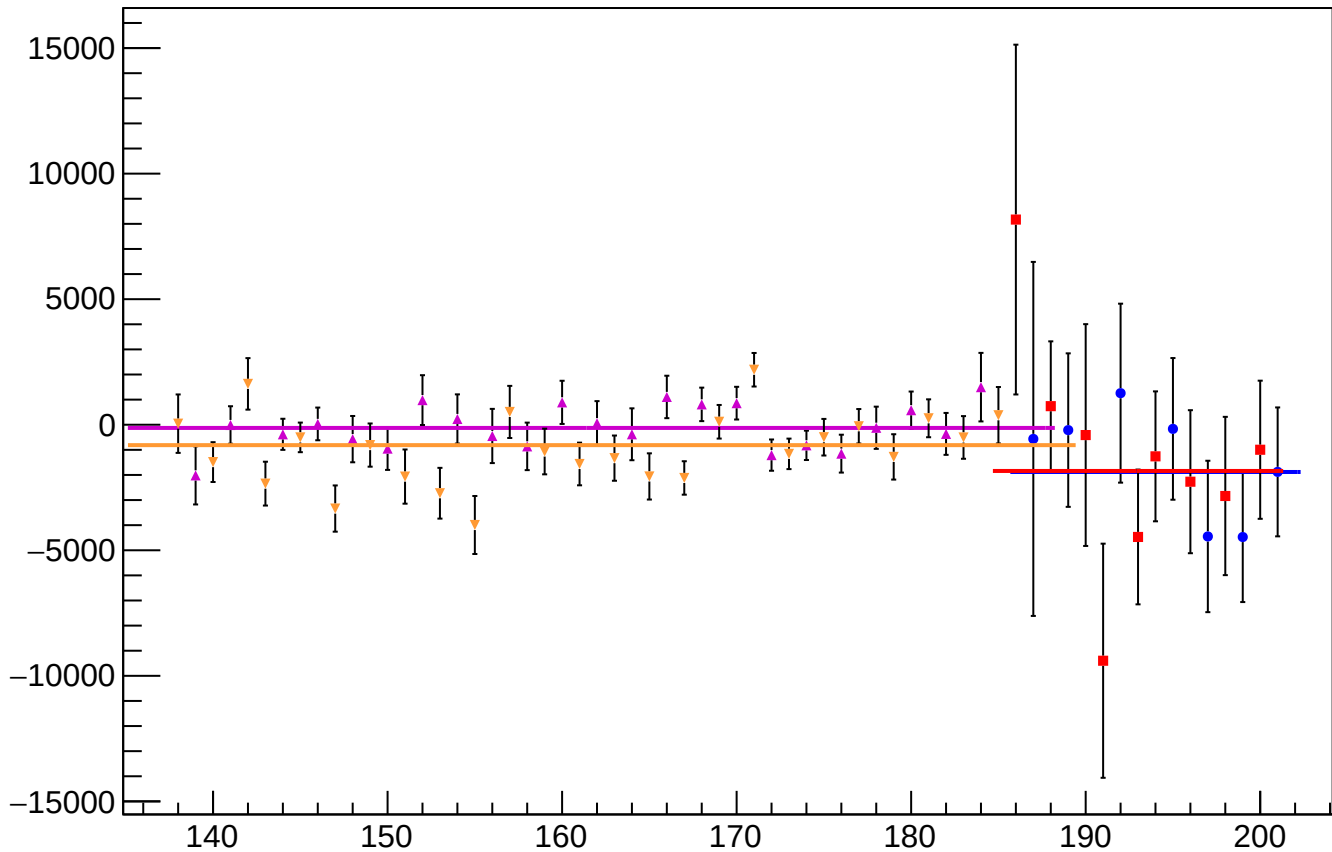
Left In: 110.691 $\pm$ 0.019 χ^2 /NDF: 1406587.3/22

+ sign 114.236 $\pm$ 0.018 χ^2 /NDF: 4012742.5/31

All: 116.669 $\pm$ 0.013 χ^2 /NDF: 8538374.2/63

- sign 119.250 $\pm$ 0.019 χ^2 /NDF: 4488352.3/31

asym_sam_2468_avg_correction_mean vs Slug



Right In: -1881.946 ± 1160.640 χ^2/NDF : 3.2/6

Left Out: -813.029 ± 164.102 χ^2/NDF : 66.2/24

Right Out: -1841.168 ± 1046.983 χ^2/NDF : 7.0/8

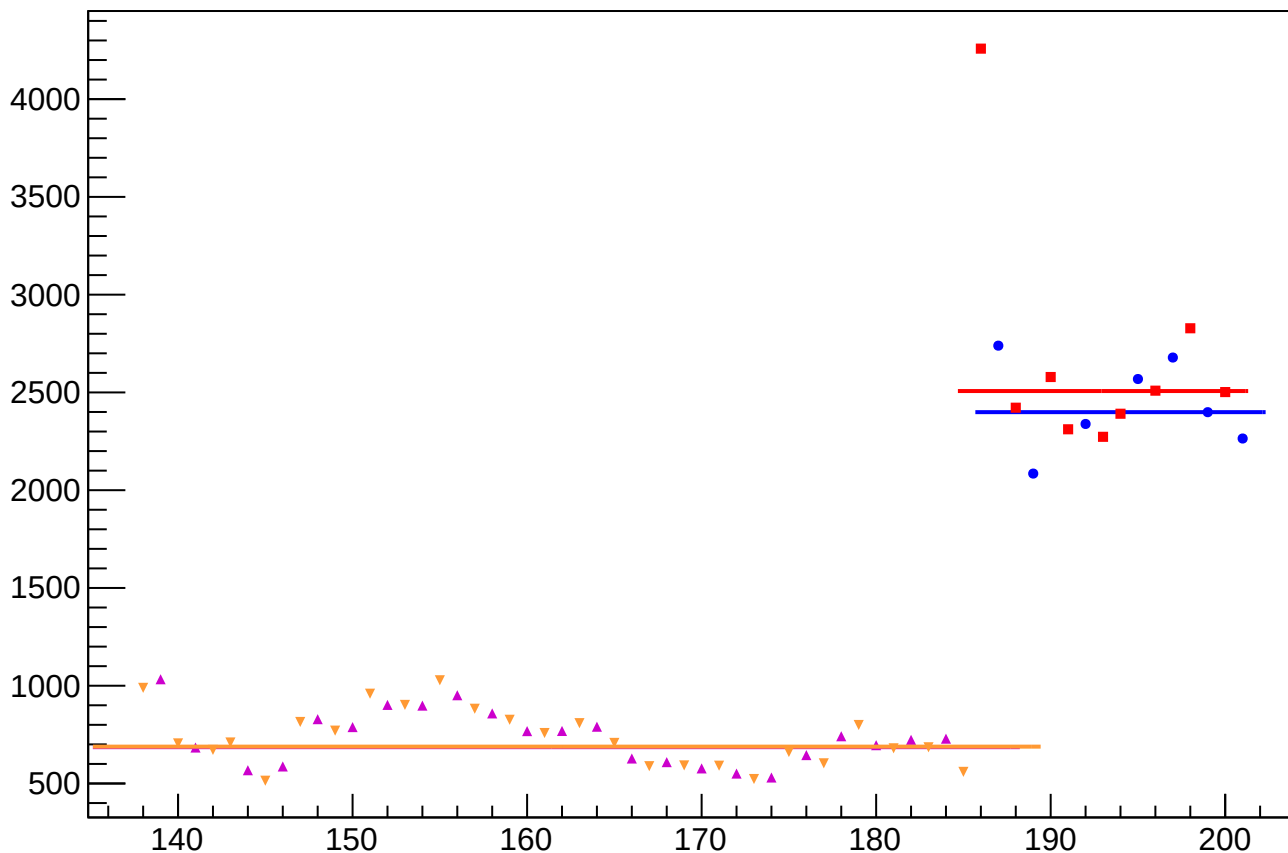
Left In: -127.427 ± 166.308 χ^2/NDF : 22.8/22

+ sign -833.979 ± 162.486 χ^2/NDF : 70.2/31

All: -505.377 ± 115.513 χ^2/NDF : 110.9/63

- sign -169.604 ± 164.249 χ^2/NDF : 32.4/31

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2399.143 $\pm$ 0.821 χ^2 /NDF: 56251.4/6

Left Out: 688.513 $\pm$ 0.116 χ^2 /NDF: 1287701.8/24

Right Out: 2507.091 $\pm$ 0.740 χ^2 /NDF: 172632.6/8

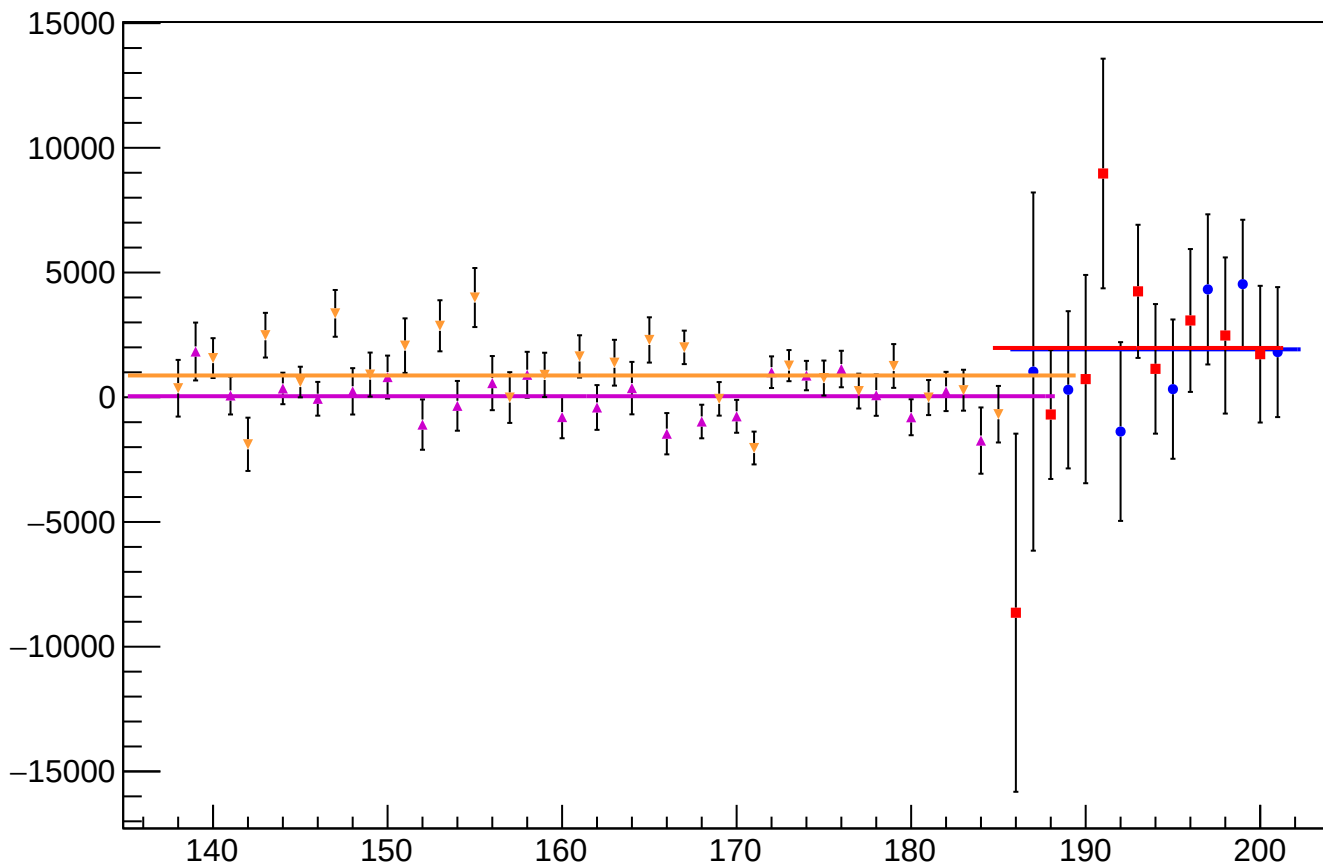
Left In: 685.733 $\pm$ 0.118 χ^2 /NDF: 1156263.7/22

+ sign 722.040 $\pm$ 0.115 χ^2 /NDF: 5603381.0/31

All: 726.253 $\pm$ 0.082 χ^2 /NDF: 12838625.9/63

- sign 730.559 $\pm$ 0.116 χ^2 /NDF: 7232525.7/31

asym_sam_2468_avg_mean vs Slug



Right In: 1920.319 $\pm$ 1167.169 χ^2 /NDF: 3.1/6

Left Out: 873.446 $\pm$ 164.269 χ^2 /NDF: 64.1/24

Right Out: 1976.016 $\pm$ 1042.945 χ^2 /NDF: 6.7/8

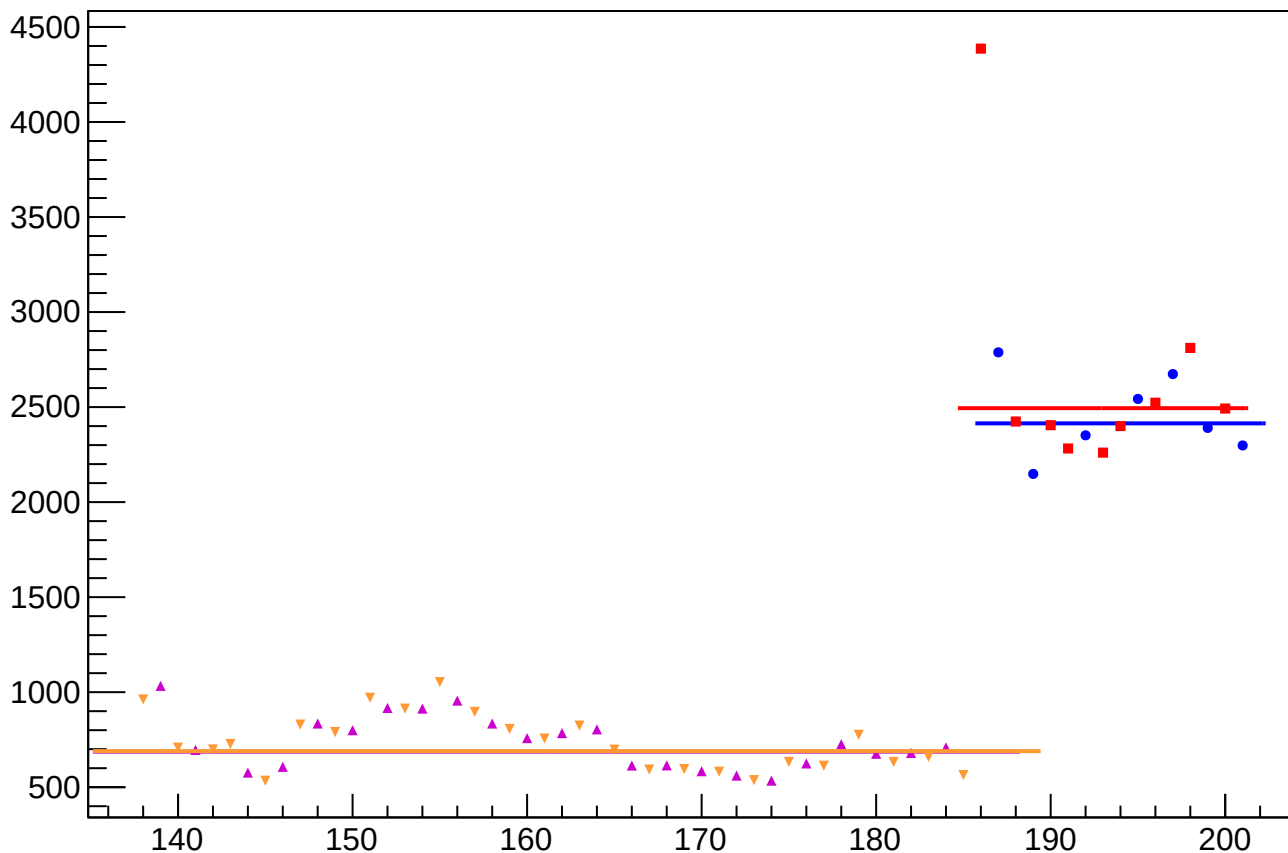
Left In: 41.522 $\pm$ 166.728 χ^2 /NDF: 24.1/22

+ sign 893.780 $\pm$ 162.665 χ^2 /NDF: 68.0/31

All: 496.598 $\pm$ 115.713 χ^2 /NDF: 114.2/63

- sign 89.728 $\pm$ 164.637 χ^2 /NDF: 34.1/31

asym_sam_2468_avg_rms vs Slug



Right In: 2414.369+/-0.825 χ^2/NDF : 43540.4/6

Left Out: 689.767+/-0.116 χ^2/NDF : 1258608.7/24

Right Out: 2494.199+/-0.737 χ^2/NDF : 184225.3/8

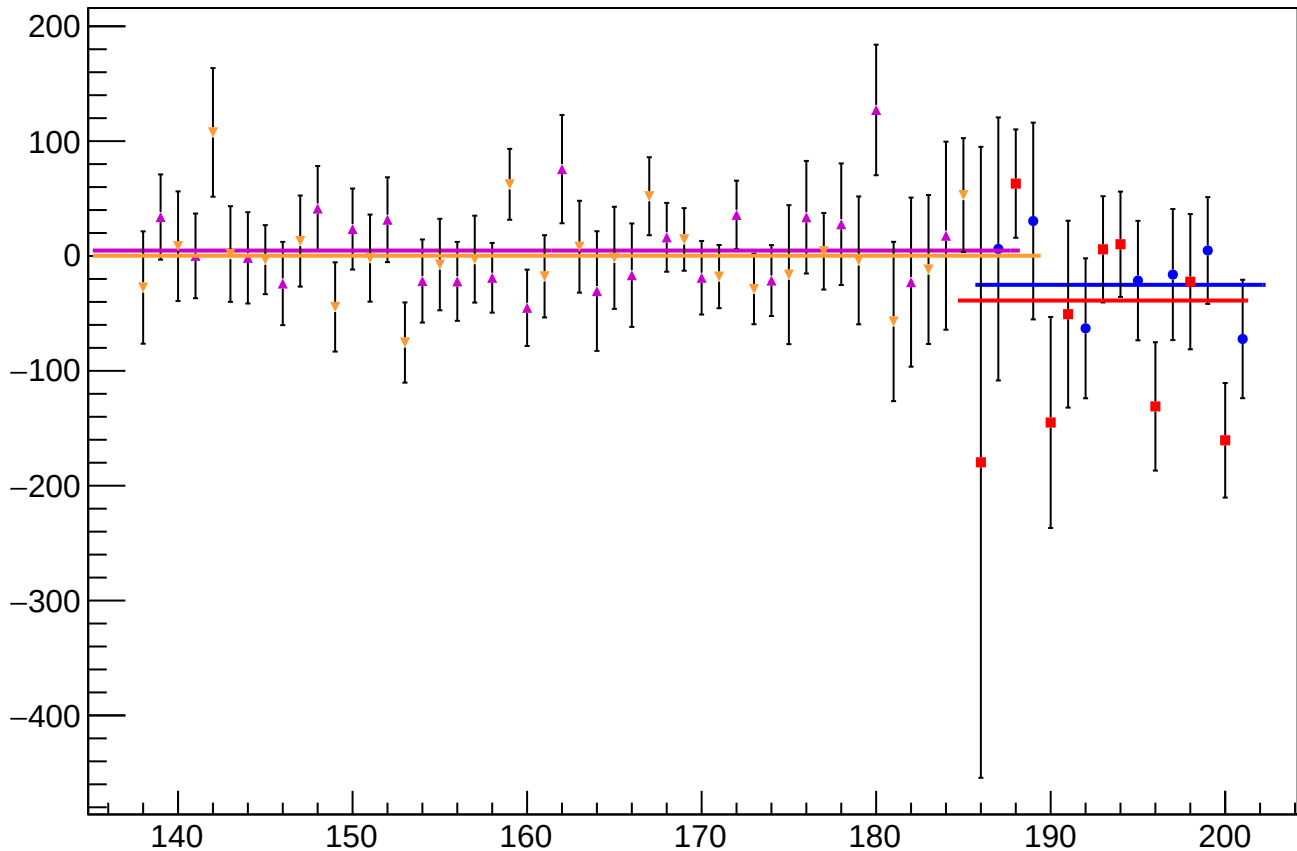
Left In: 686.944+/-0.118 χ^2/NDF : 1116042.4/22

+ sign 723.264+/-0.115 χ^2/NDF : 5583907.9/31

All: 727.569+/-0.082 χ^2/NDF : 12742823.1/63

- sign 731.979+/-0.116 χ^2/NDF : 7156079.4/31

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -25.115 ± 22.372 χ^2/NDF : 2.2/6

Left Out: 0.254 ± 7.690 χ^2/NDF : 20.4/24

Right Out: -38.794 ± 19.294 χ^2/NDF : 17.1/8

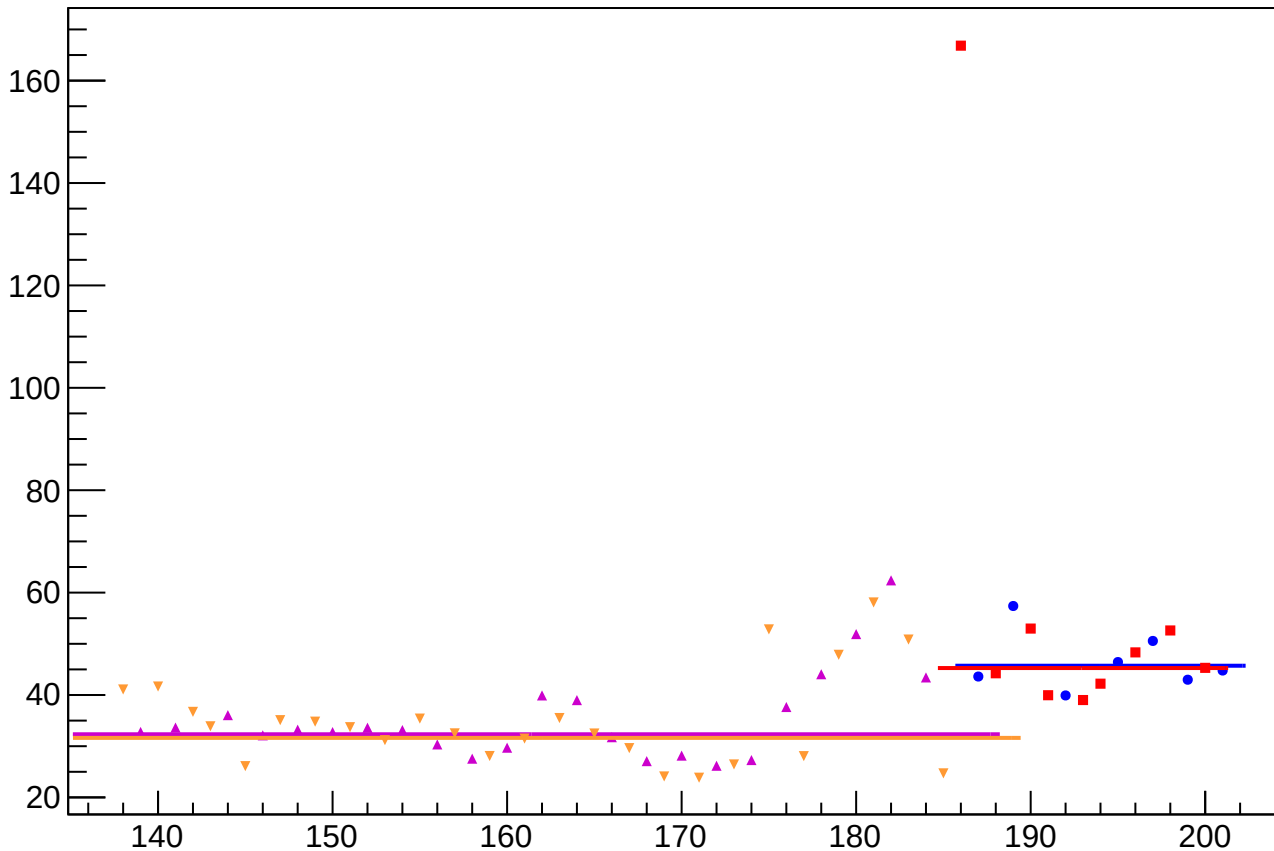
Left In: 4.745 ± 7.976 χ^2/NDF : 17.9/22

+ sign -2.427 ± 7.272 χ^2/NDF : 23.7/31

All: -2.023 ± 5.177 χ^2/NDF : 63.0/63

- sign -1.609 ± 7.371 χ^2/NDF : 39.3/31

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 45.718 $\pm$ 0.016 χ^2 /NDF: 78272.0/6

Left Out: 31.624 $\pm$ 0.005 χ^2 /NDF:1673431.1/24

Right Out: 45.265 $\pm$ 0.014 χ^2 /NDF: 497770.8/8

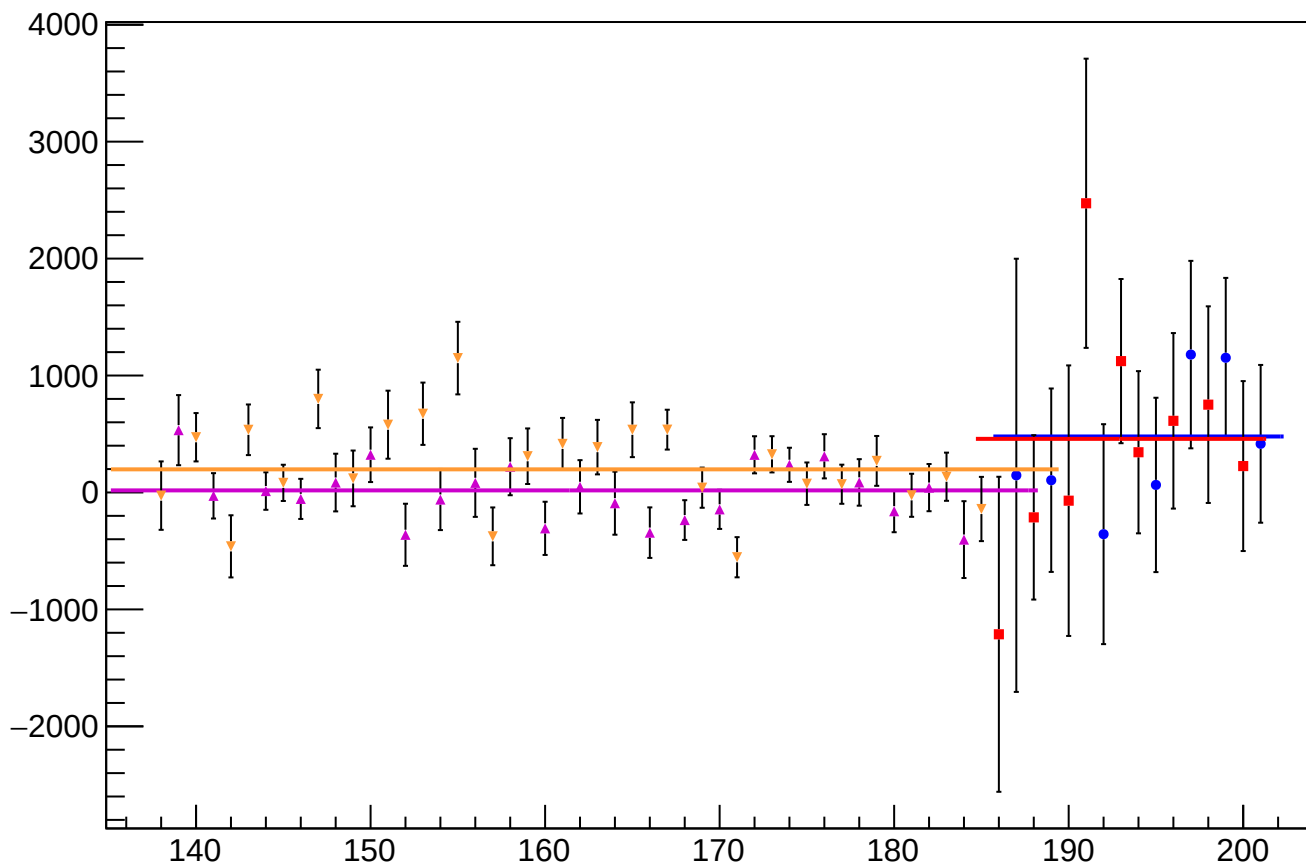
Left In: 32.331 $\pm$ 0.006 χ^2 /NDF:1141501.0/22

+ sign 33.114 $\pm$ 0.005 χ^2 /NDF: 2461584.8/31

All: 33.659 $\pm$ 0.004 χ^2 /NDF: 4891227.9/63

- sign 34.219 $\pm$ 0.005 χ^2 /NDF: 2406863.9/31

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 478.750 ± 305.070 χ^2/NDF : 3.1/6

Left Out: 197.682 ± 41.831 χ^2/NDF : 69.9/24

Right Out: 458.415 ± 275.574 χ^2/NDF : 6.5/8

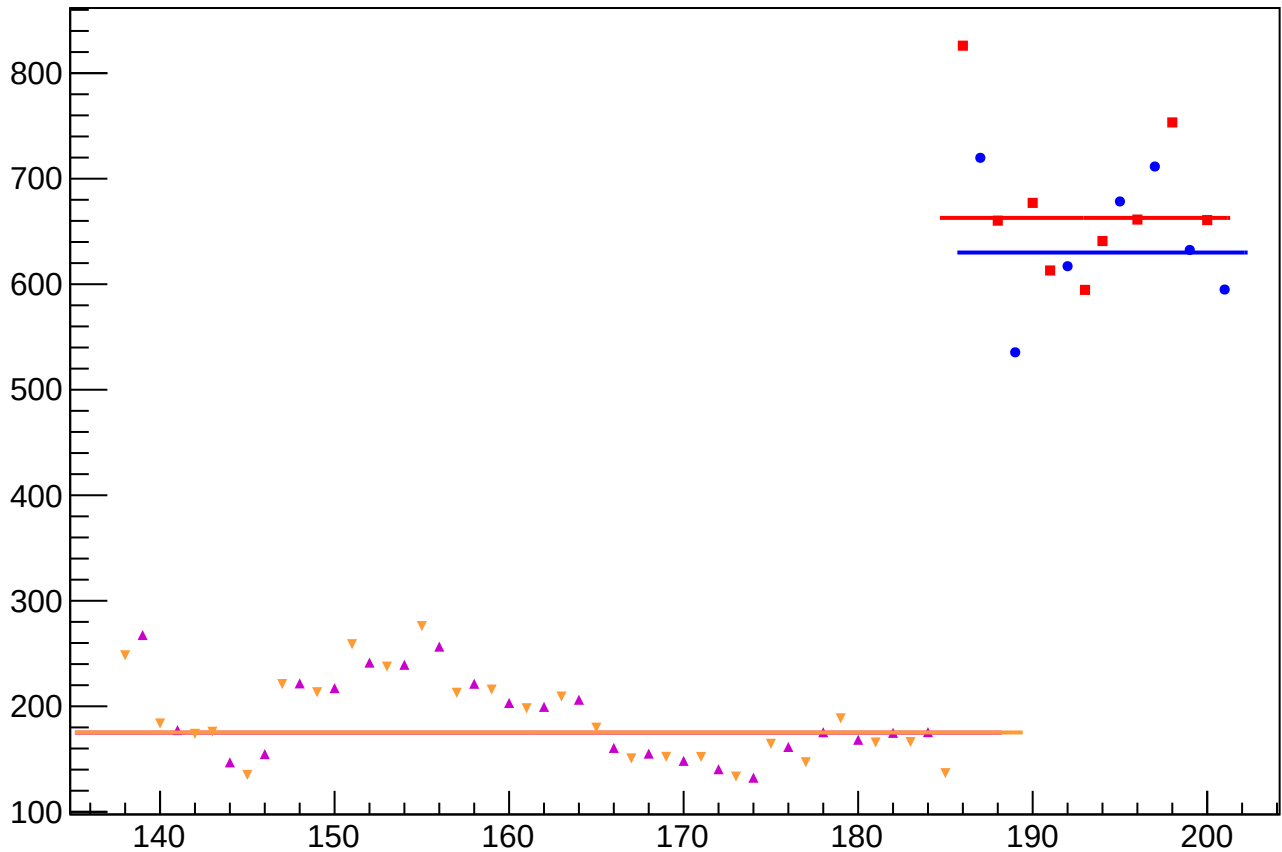
Left In: 17.742 ± 42.576 χ^2/NDF : 27.1/22

+ sign 202.869 ± 41.444 χ^2/NDF : 73.8/31

All: 116.768 ± 29.526 χ^2/NDF : 118.7/63

- sign 28.015 ± 42.077 χ^2/NDF : 36.1/31

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 630.021 $\pm$ 0.216 χ^2 /NDF: 68695.8/6

Left Out: 175.207 $\pm$ 0.030 χ^2 /NDF:1418225.0/24

Right Out: 662.843 $\pm$ 0.195 χ^2 /NDF: 77010.1/8

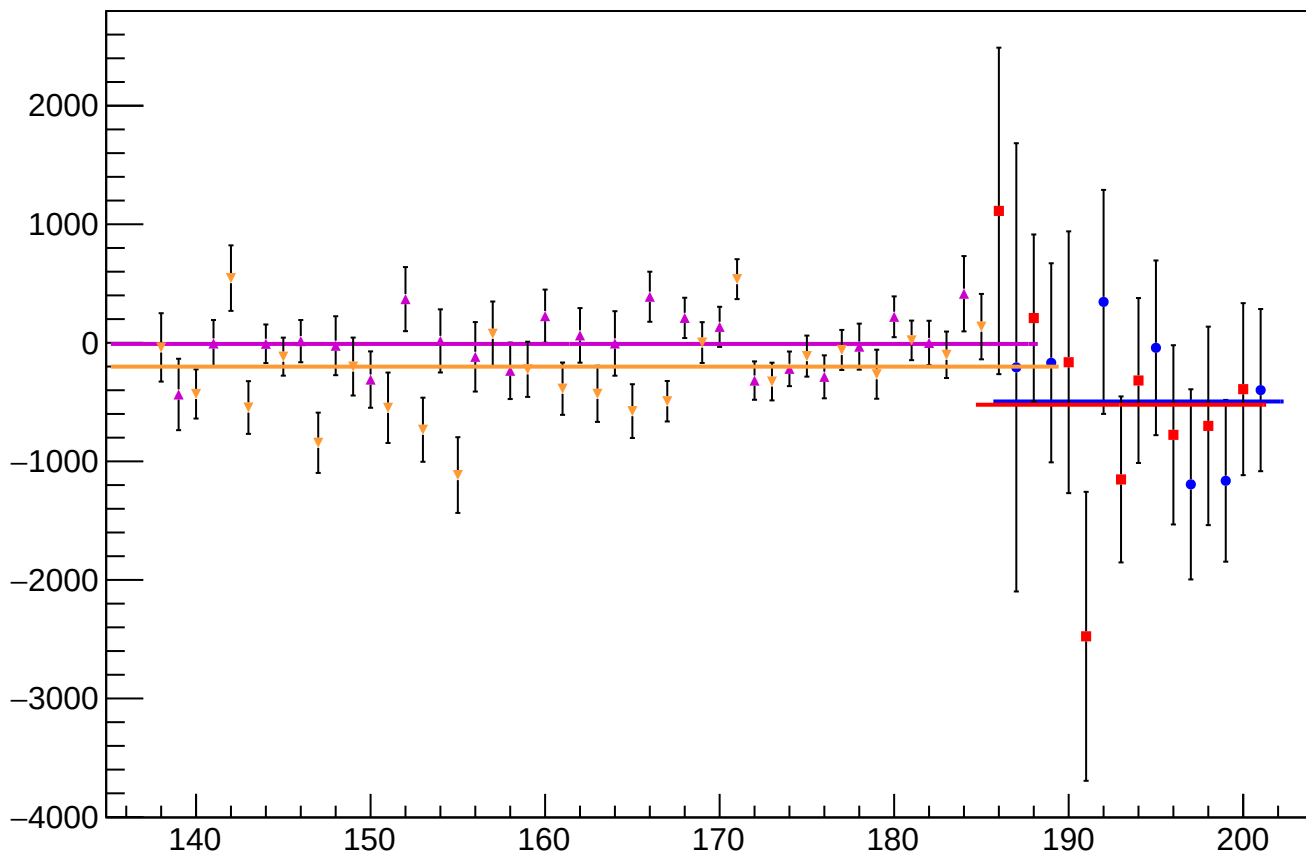
Left In: 175.051 $\pm$ 0.030 χ^2 /NDF:1339755.1/22

+ sign 183.601 $\pm$ 0.029 χ^2 /NDF: 5850158.0/31

All: 184.990 $\pm$ 0.021 χ^2 /NDF: 13391869.0/63

- sign 186.423 $\pm$ 0.030 χ^2 /NDF: 7537144.1/31

asym_sam_1357_2468_dd_mean vs Slug



Right In: -494.898 ± 308.593 χ^2/NDF : 3.1/6

Left Out: -200.930 ± 41.741 χ^2/NDF : 65.5/24

Right Out: -522.232 ± 275.055 χ^2/NDF : 6.2/8

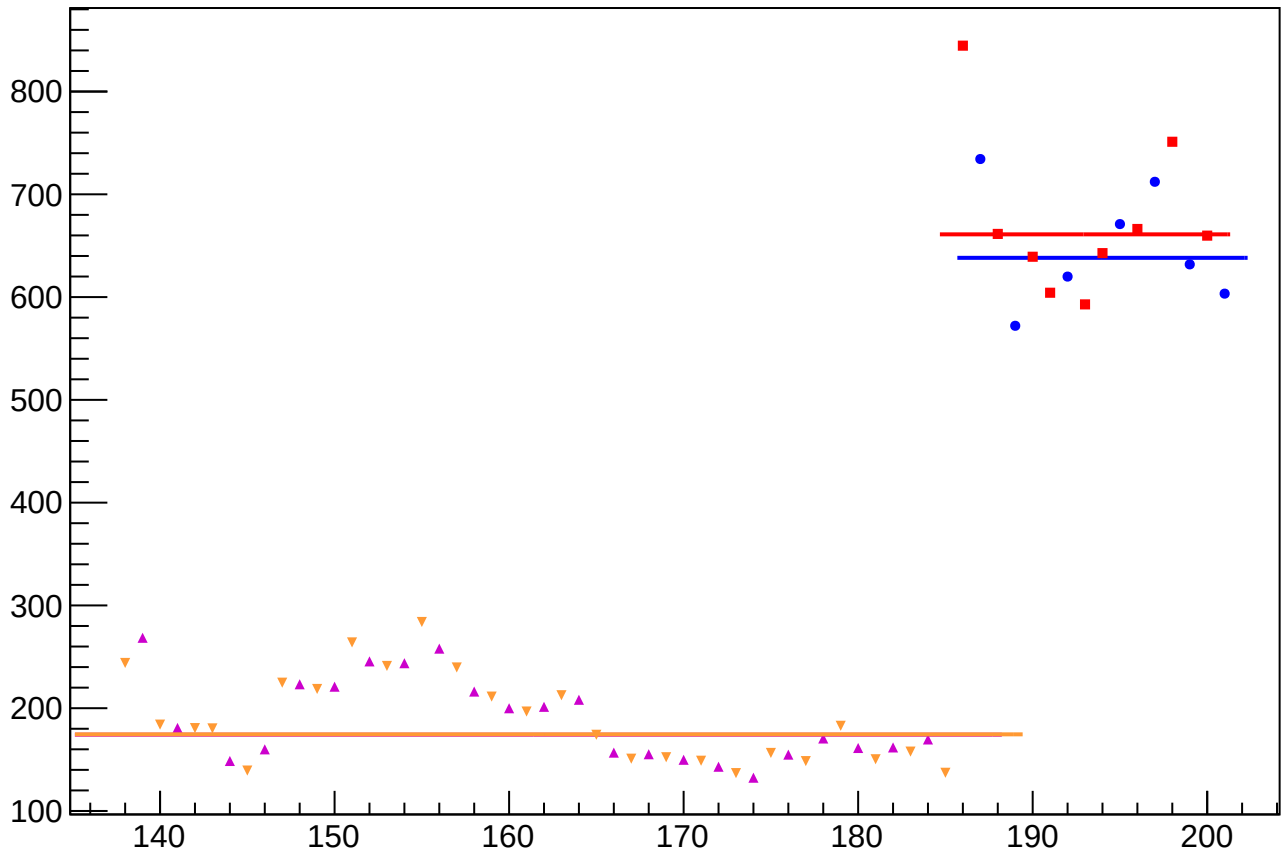
Left In: -9.384 ± 42.437 χ^2/NDF : 25.4/22

+ sign -206.212 ± 41.365 χ^2/NDF : 69.5/31

All: -115.038 ± 29.451 χ^2/NDF : 114.4/63

- sign -21.308 ± 41.941 χ^2/NDF : 35.0/31

asym_sam_1357_2468_dd_rms vs Slug



Right In: 638.200 $\pm$ 0.218 χ^2 /NDF: 44671.3/6

Left Out: 174.567 $\pm$ 0.030 χ^2 /NDF: 1532900.3/24

Right Out: 661.049 $\pm$ 0.194 χ^2 /NDF: 84262.5/8

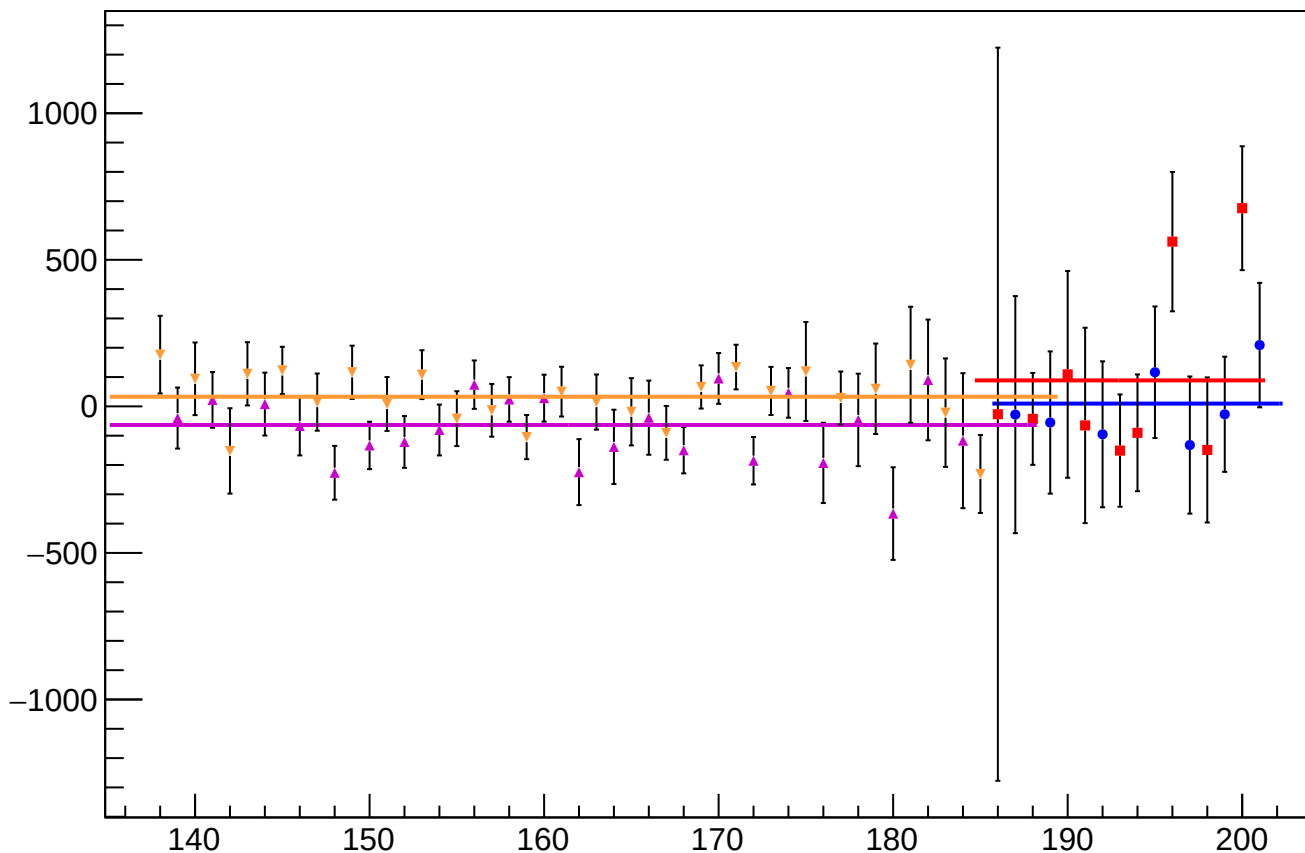
Left In: 174.217 $\pm$ 0.030 χ^2 /NDF: 1364600.9/22

+ sign 182.897 $\pm$ 0.029 χ^2 /NDF: 6010923.1/31

All: 184.198 $\pm$ 0.021 χ^2 /NDF: 13583517.3/63

- sign 185.536 $\pm$ 0.030 χ^2 /NDF: 7568580.5/31

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 9.500 ± 89.278 $\chi^2/\text{NDF}: 1.8/6$

Left Out: 32.793 ± 19.705 $\chi^2/\text{NDF}: 19.5/24$

Right Out: 88.553 ± 77.343 $\chi^2/\text{NDF}: 15.9/8$

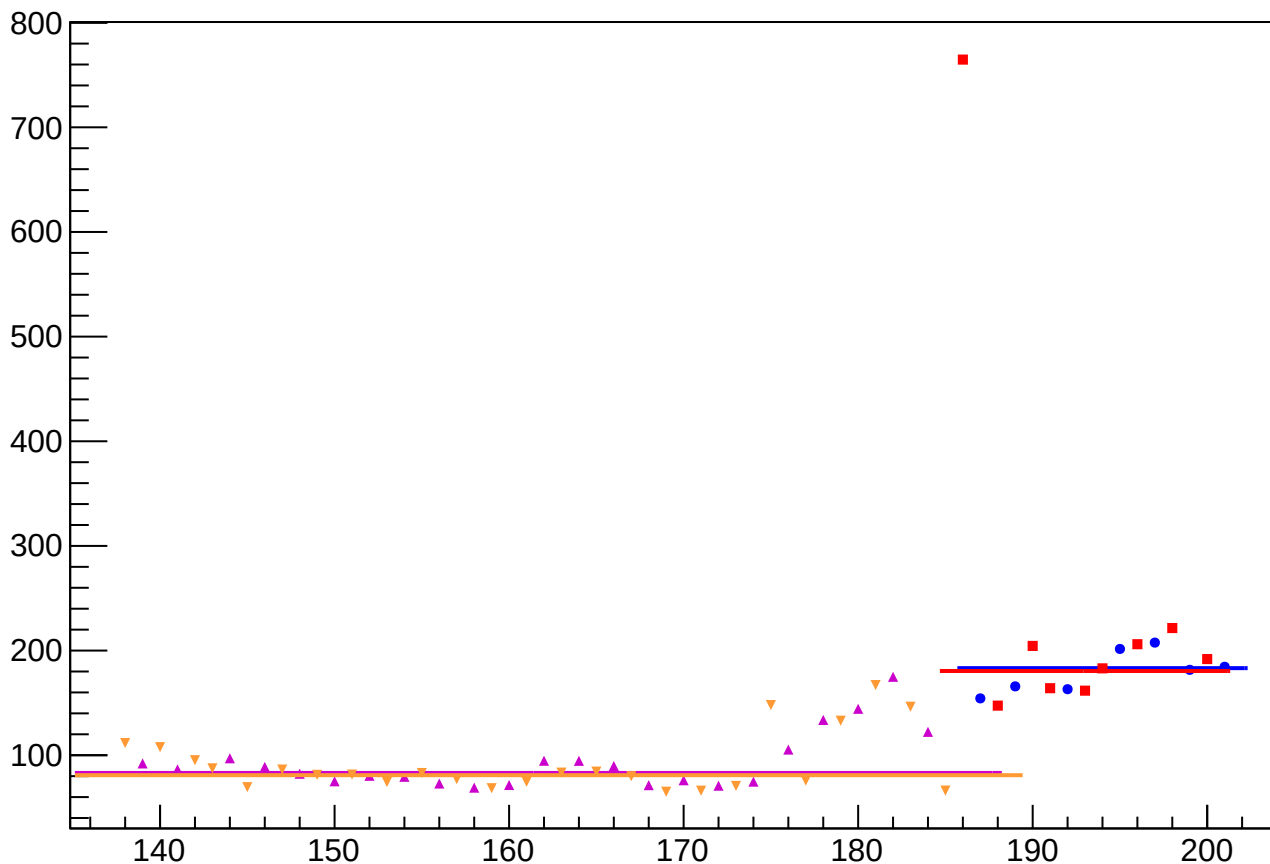
Left In: -63.566 ± 20.573 $\chi^2/\text{NDF}: 27.2/22$

+ sign 31.711 ± 19.242 $\chi^2/\text{NDF}: 21.4/31$

All: -9.508 ± 13.827 $\chi^2/\text{NDF}: 77.5/63$

- sign -53.514 ± 19.882 $\chi^2/\text{NDF}: 46.7/31$

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 183.212 $\pm$ 0.063 χ^2 /NDF: 68895.3/6

Left Out: 80.926 $\pm$ 0.014 χ^2 /NDF: 1760910.0/24

Right Out: 180.494 $\pm$ 0.055 χ^2 /NDF: 643280.4/8

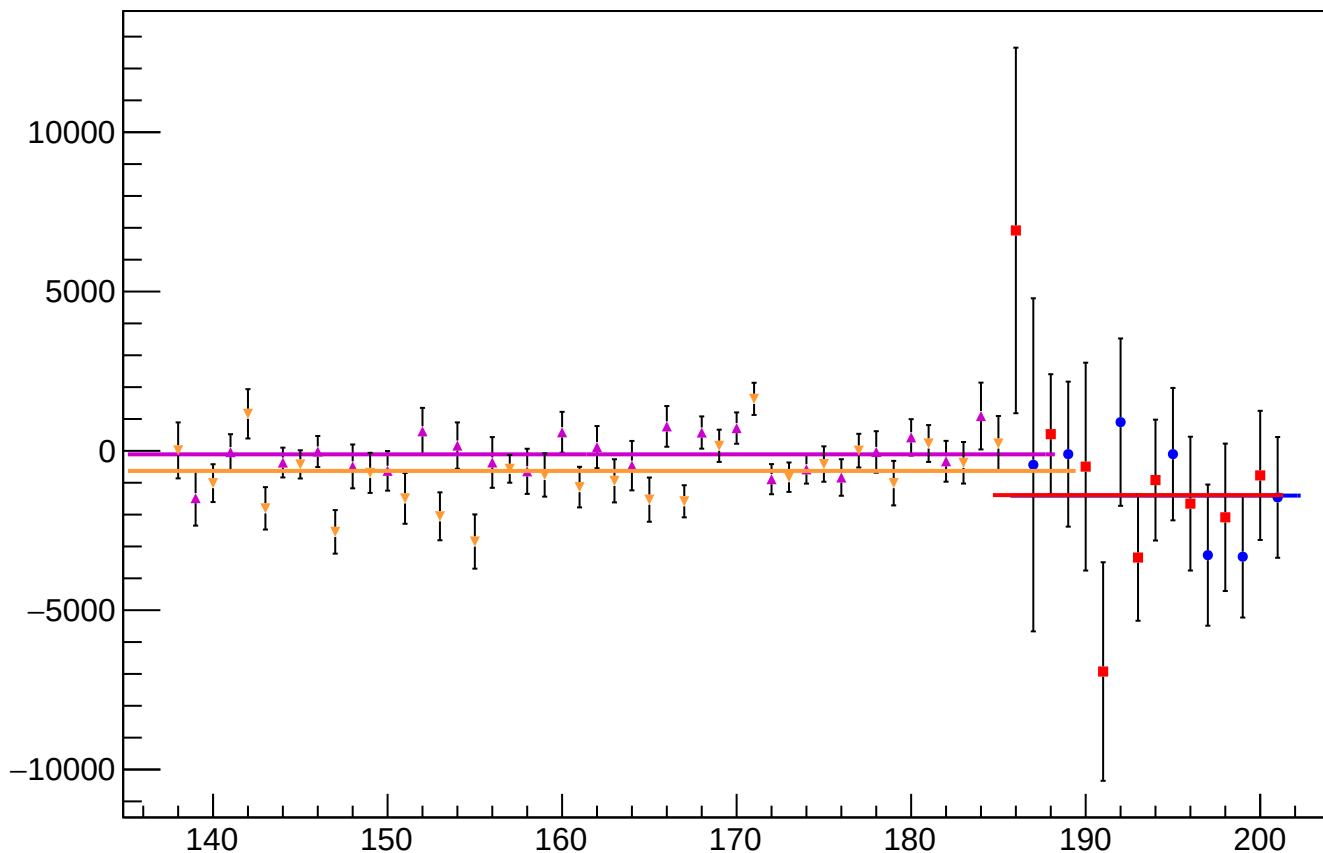
Left In: 83.071 $\pm$ 0.015 χ^2 /NDF: 1405124.8/22

+ sign 85.678 $\pm$ 0.014 χ^2 /NDF: 4333102.0/31

All: 87.531 $\pm$ 0.010 χ^2 /NDF: 9383422.2/63

- sign 89.508 $\pm$ 0.014 χ^2 /NDF: 5011990.6/31

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -1403.688 ± 856.568 χ^2/NDF : 3.2/6

Left Out: -629.005 ± 120.608 χ^2/NDF : 63.2/24

Right Out: -1388.592 ± 771.194 χ^2/NDF : 7.0/8

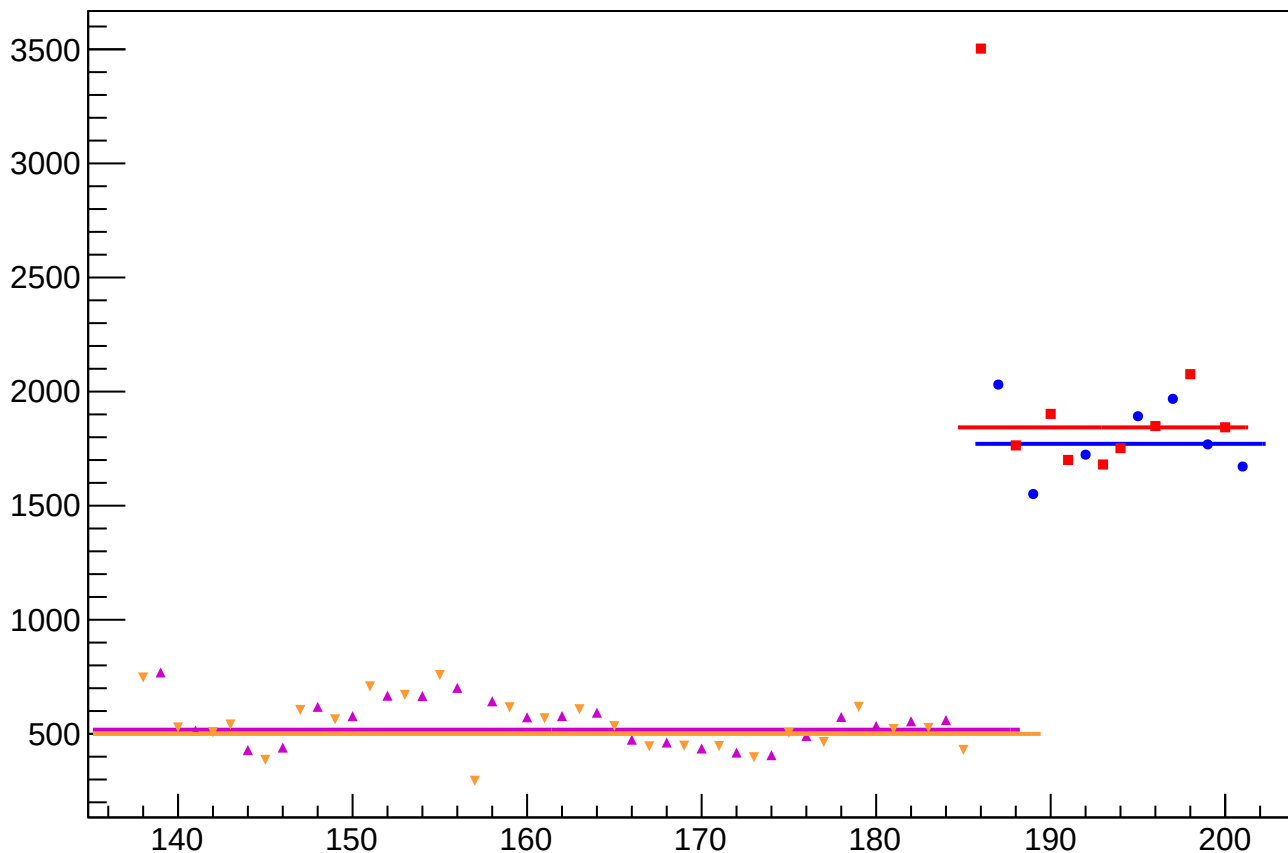
Left In: -108.821 ± 125.527 χ^2/NDF : 21.4/22

+ sign -644.065 ± 119.430 χ^2/NDF : 67.2/31

All: -402.175 ± 85.985 χ^2/NDF : 106.9/63

- sign -141.853 ± 123.897 χ^2/NDF : 31.2/31

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1771.077+/-0.606 χ^2/NDF : 52413.0/6

Left Out: 499.813+/-0.085 χ^2/NDF : 1626530.8/24

Right Out: 1843.124+/-0.545 χ^2/NDF : 213517.9/8

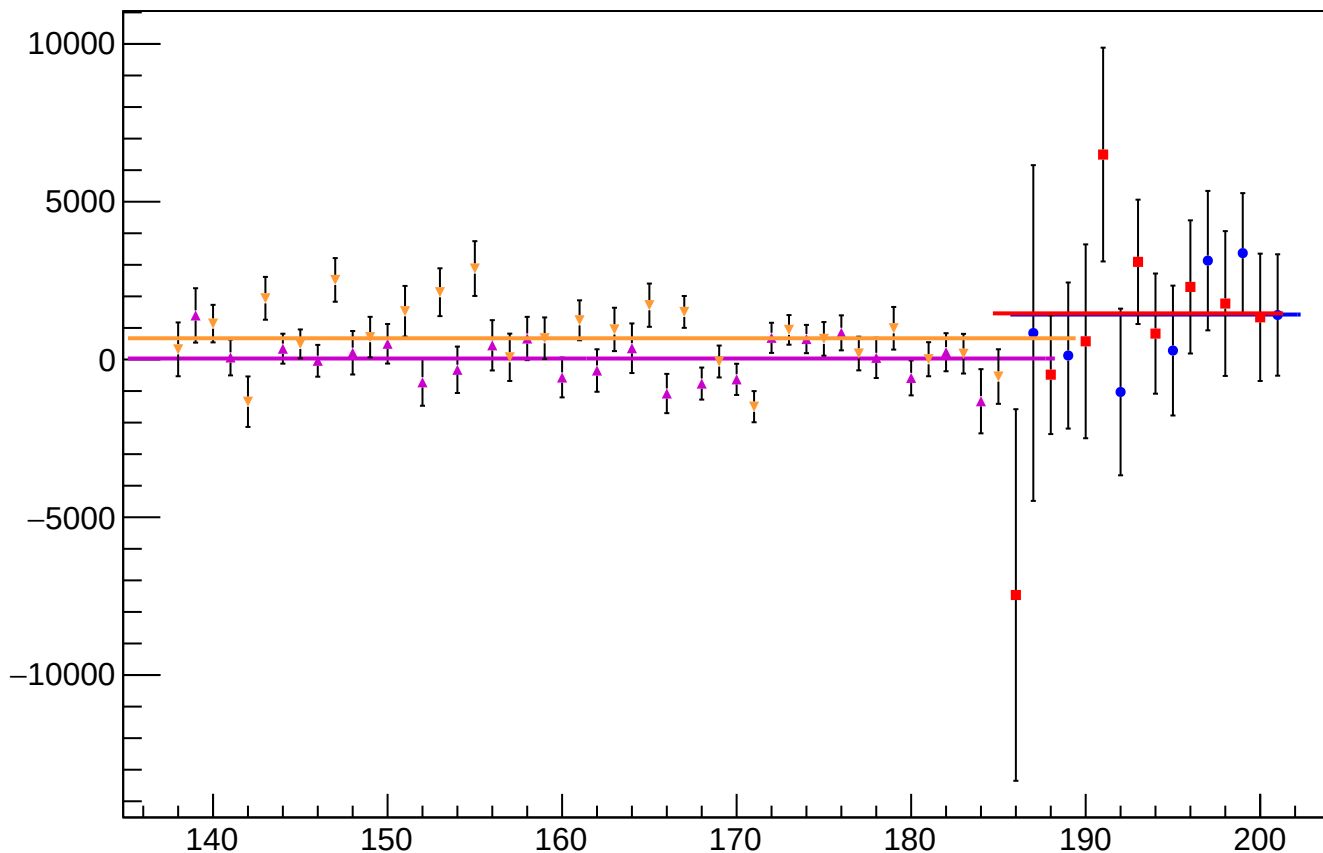
Left In: 518.244+/-0.089 χ^2/NDF : 1071993.3/22

+ sign 524.527+/-0.084 χ^2/NDF : 5998625.5/31

All: 537.971+/-0.061 χ^2/NDF : 13087170.2/63

- sign 552.440+/-0.088 χ^2/NDF : 7035924.7/31

asym_sam_12345678_avg_mean vs Slug



Right In: 1424.706+/-859.575 χ^2/NDF : 3.1/6

Left Out: 672.498+/-123.428 χ^2/NDF : 62.8/24

Right Out: 1461.565+/-767.539 χ^2/NDF : 6.6/8

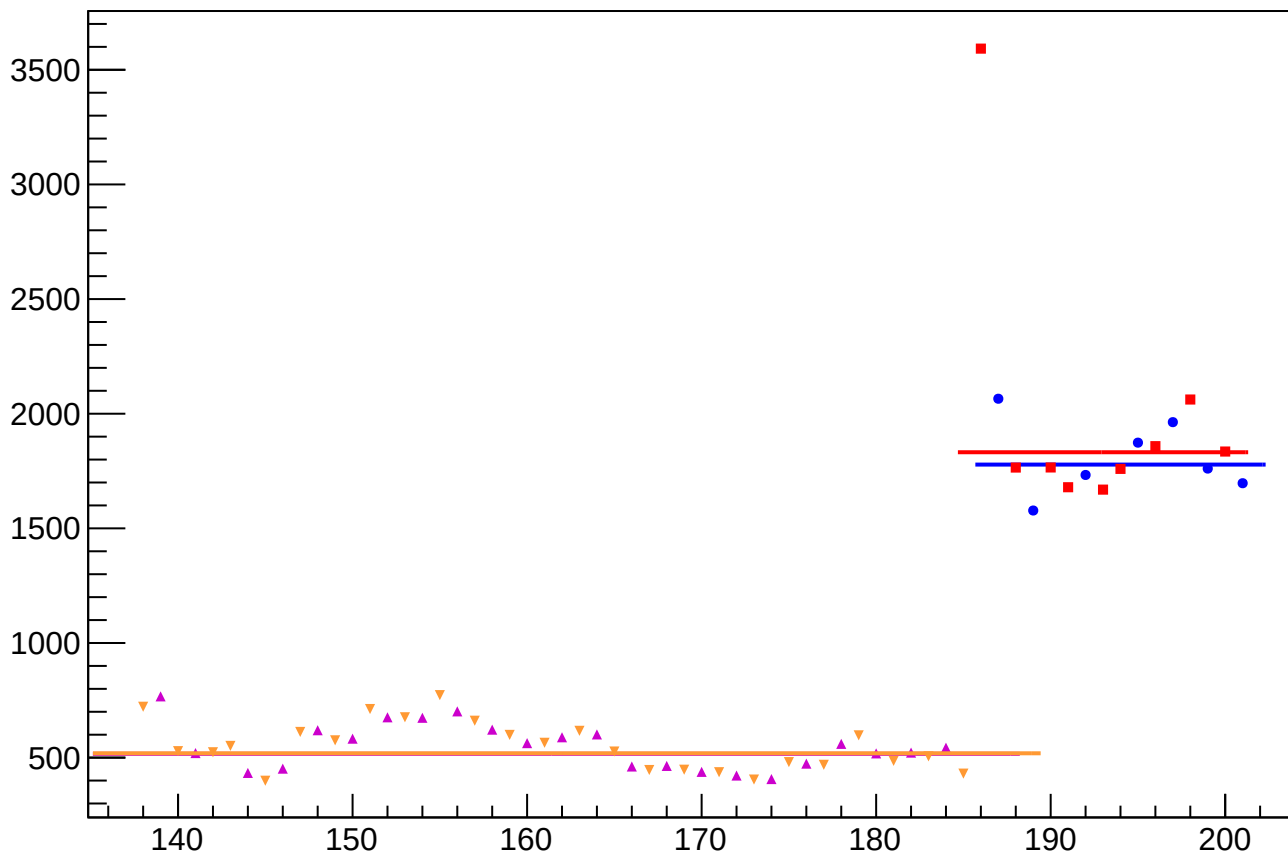
Left In: 31.056+/-125.236 χ^2/NDF : 23.8/22

+ sign 687.694+/-122.175 χ^2/NDF : 66.7/31

All: 381.521+/-86.891 χ^2/NDF : 113.2/63

- sign 68.153+/-123.602 χ^2/NDF : 33.9/31

asym_sam_12345678_avg_rms vs Slug



Right In: 1778.140 $\pm$ 0.608 χ^2/NDF : 43489.5/6

Left Out: 518.935 $\pm$ 0.087 χ^2/NDF : 1172613.9/24

Right Out: 1831.973 $\pm$ 0.543 χ^2/NDF : 223276.6/8

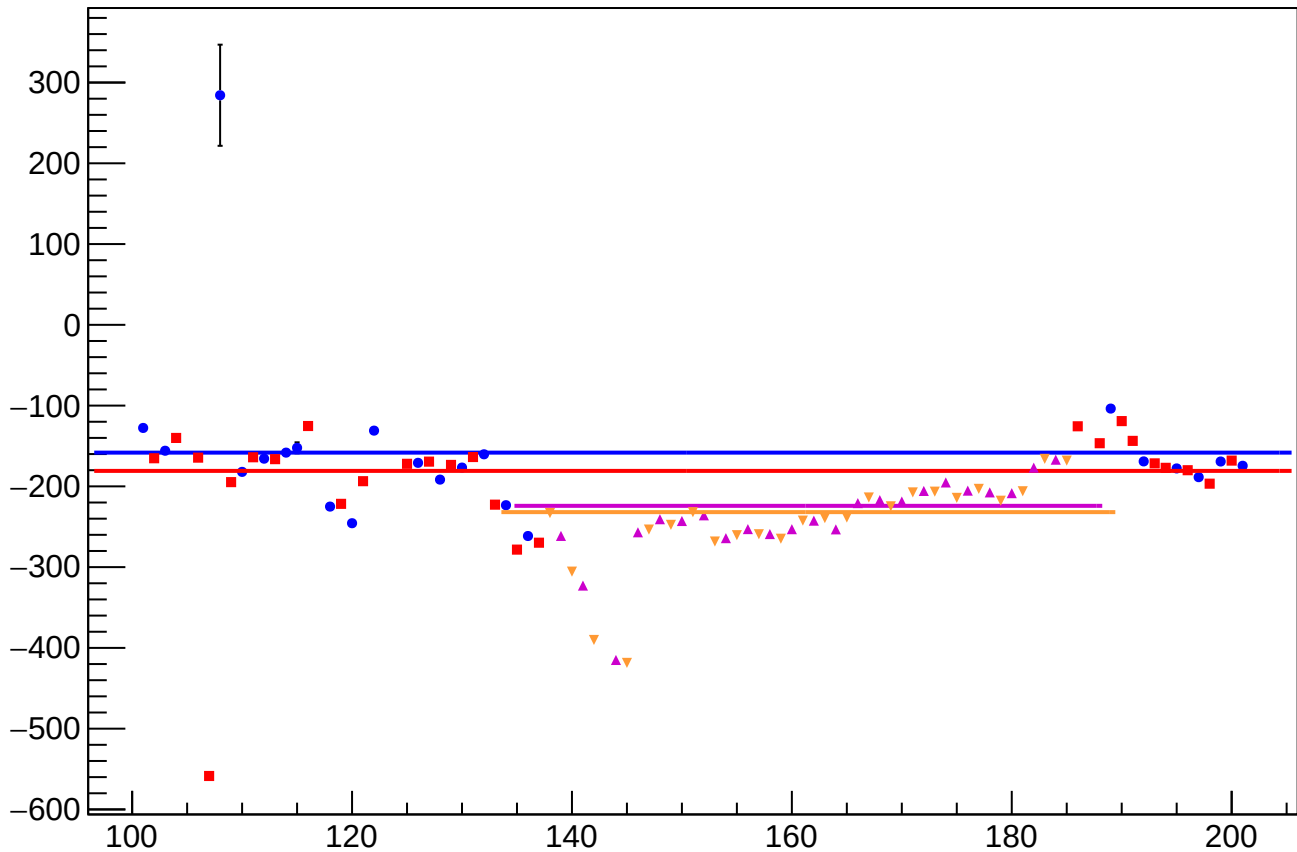
Left In: 516.594 $\pm$ 0.089 χ^2/NDF : 1036092.8/22

+ sign 544.373 $\pm$ 0.086 χ^2/NDF : 5421350.4/31

All: 547.503 $\pm$ 0.061 χ^2/NDF : 12405001.3/63

- sign 550.706 $\pm$ 0.087 χ^2/NDF : 6980995.9/31

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 χ^2/NDF : 127093.7/21

Left Out: -231.902 ± 0.108 χ^2/NDF : 110473.4/23

Right Out: -180.845 ± 0.090 χ^2/NDF : 166098.3/25

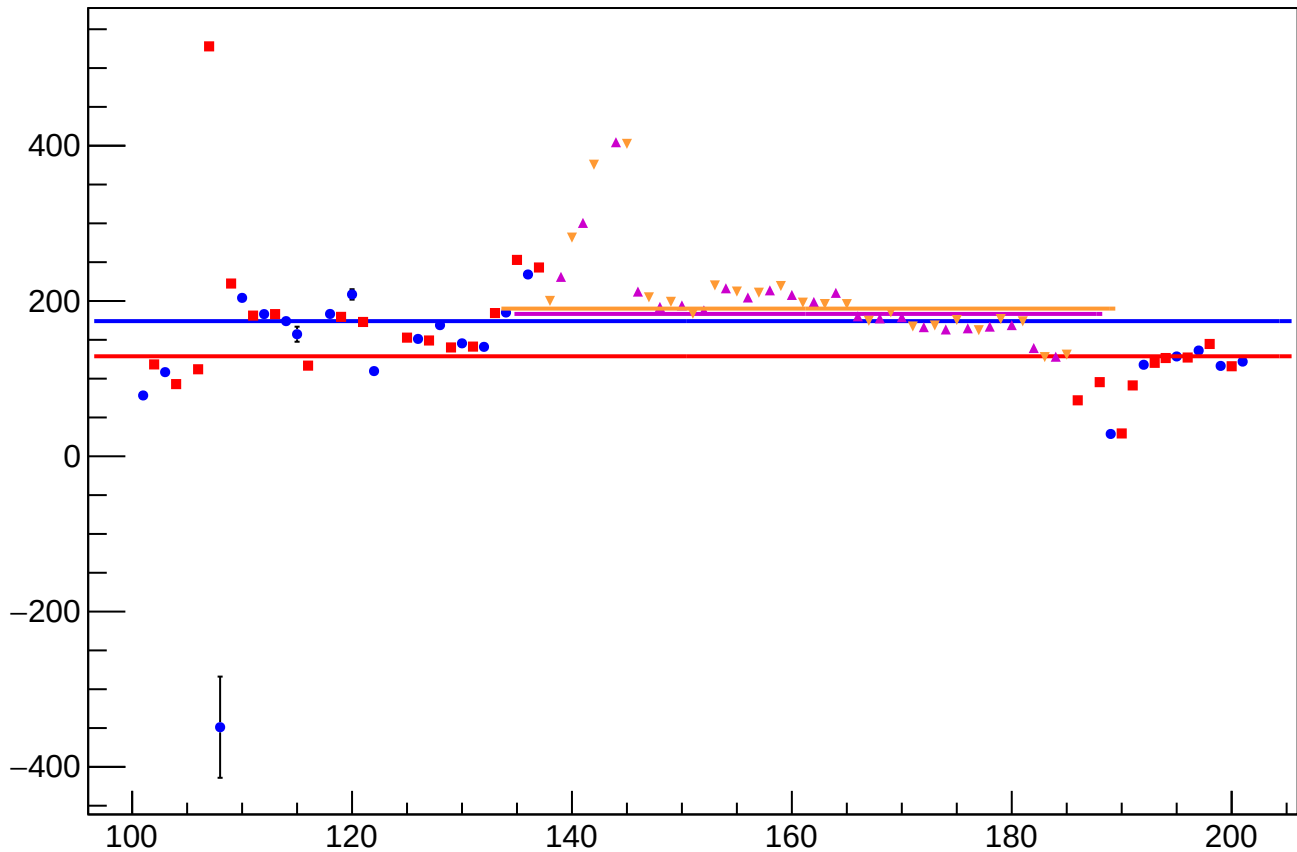
Left In: -224.103 ± 0.098 χ^2/NDF : 153347.0/22

+ sign -158.222 ± 0.000 χ^2/NDF : 701730.8/45

All: -158.222 ± 0.000 χ^2/NDF : 1533687.9/94

- sign -200.575 ± 0.066 χ^2/NDF : 424805.7/48

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 160537.8/21

Left Out: 190.208 $\pm$ 0.109 χ^2 /NDF:99613.5/23

Right Out: 128.805 $\pm$ 0.091 χ^2 /NDF: 161973.0/25

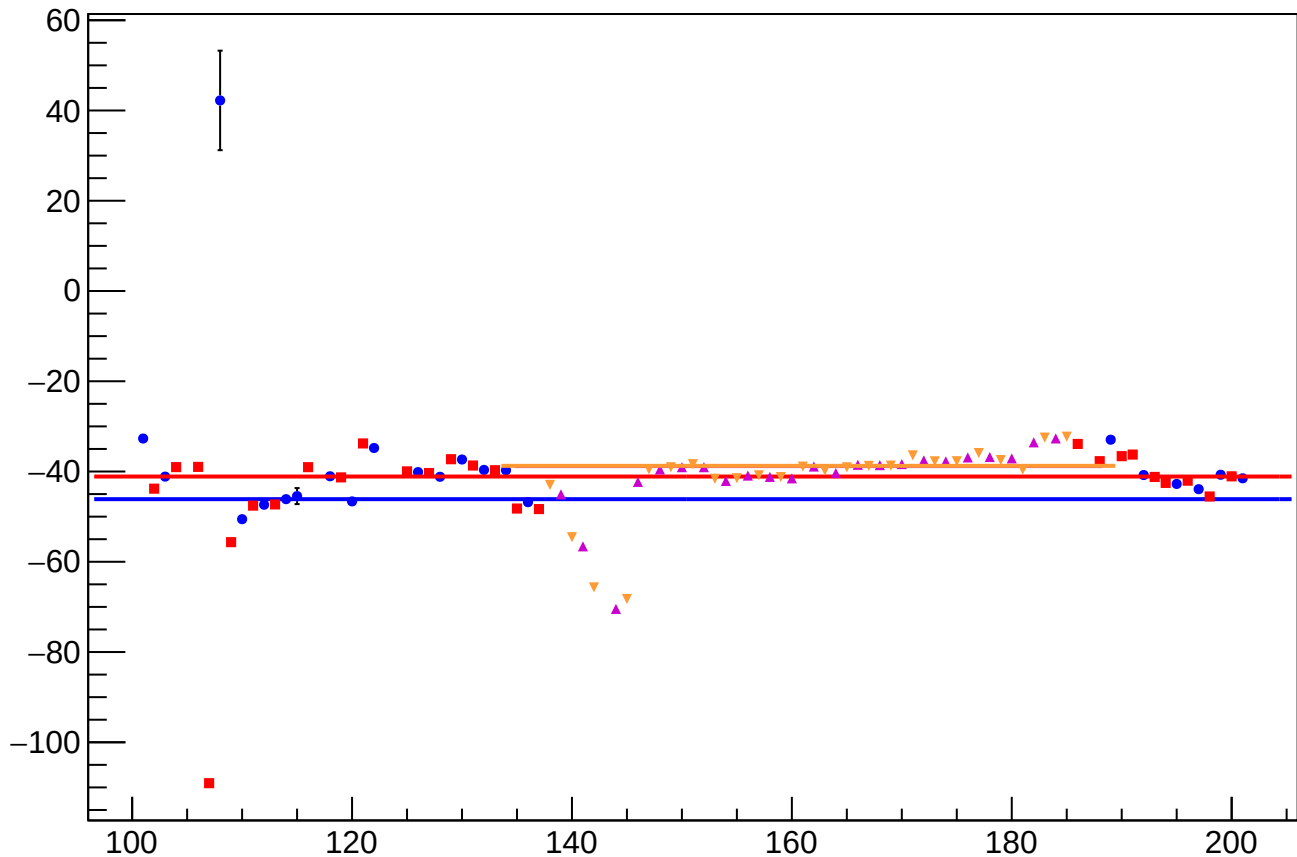
Left In: 183.362 $\pm$ 0.099 χ^2 /NDF:155441.6/22

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 282165.0/45

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 858287.7/94

- sign 153.670 $\pm$ 0.067 χ^2 /NDF: 482777.5/48

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 463146.3/21

Left Out: -38.745 ± 0.006 χ^2/NDF : 400638.0/23

Right Out: -41.113 ± 0.011 χ^2/NDF : 305591.4/25

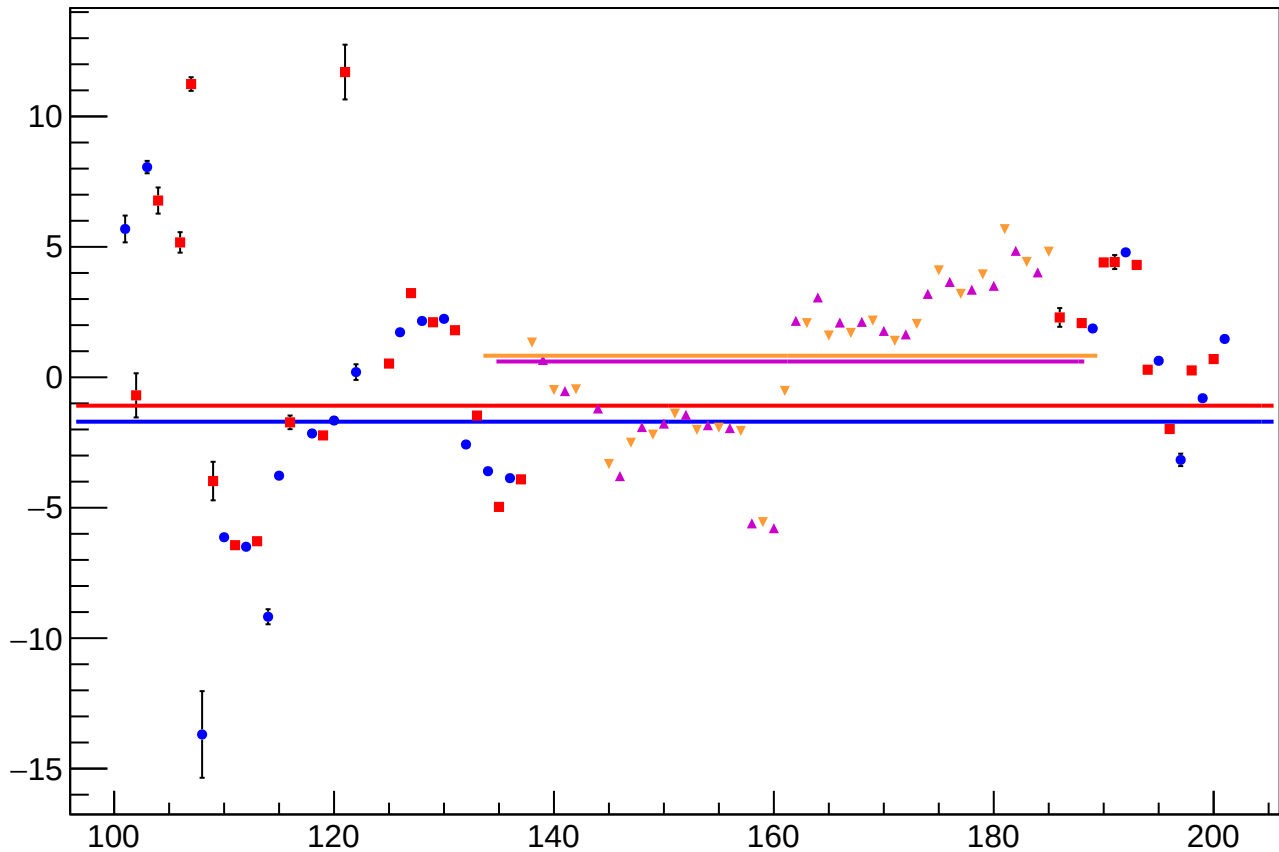
Left In: -38.794 ± 0.007 χ^2/NDF : 321993.9/22

+ sign -46.126 ± 0.000 χ^2/NDF : 2440969.5/45

All: -46.126 ± 0.000 χ^2/NDF : 4522261.3/94

- sign -39.379 ± 0.006 χ^2/NDF : 659254.4/48

dit_usl_4aY_slope vs Slug



Right In: -1.701 ± 0.017 $\chi^2/\text{NDF}: 31707.5/21$

Left Out: 0.828 ± 0.006 $\chi^2/\text{NDF}: 255303.5/23$

Right Out: -1.088 ± 0.019 $\chi^2/\text{NDF}: 35881.9/25$

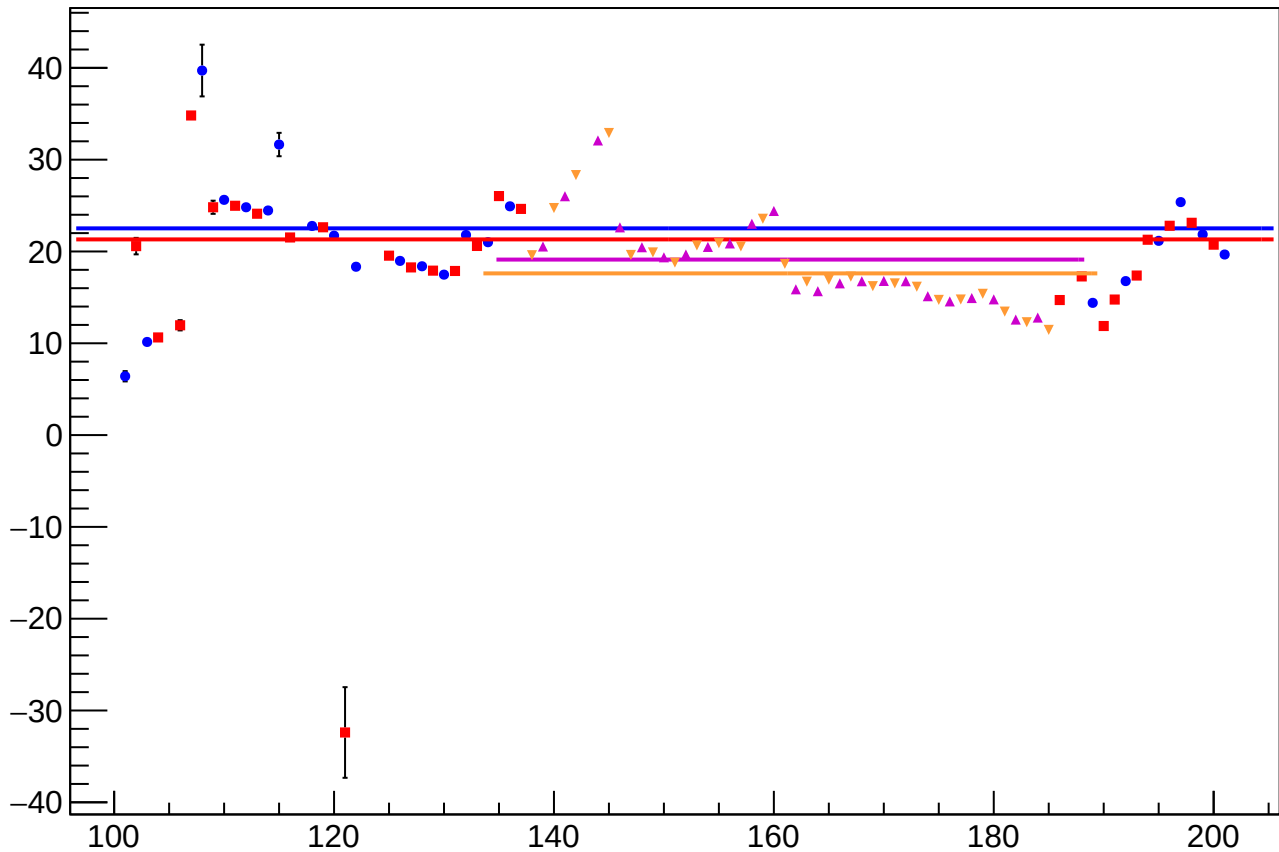
Left In: 0.606 ± 0.005 $\chi^2/\text{NDF}: 331282.7/22$

+ sign 0.535 ± 0.006 $\chi^2/\text{NDF}: 306741.1/45$

All: 0.513 ± 0.004 $\chi^2/\text{NDF}: 681119.9/94$

- sign 0.497 ± 0.005 $\chi^2/\text{NDF}: 374354.1/48$

dit_usl_4eY_slope vs Slug



Right In: 22.518 $\pm$ 0.018 χ^2 /NDF: 25868.5/21

Left Out: 17.613 $\pm$ 0.007 χ^2 /NDF: 178438.8/23

Right Out: 21.315 $\pm$ 0.019 χ^2 /NDF: 28477.5/25

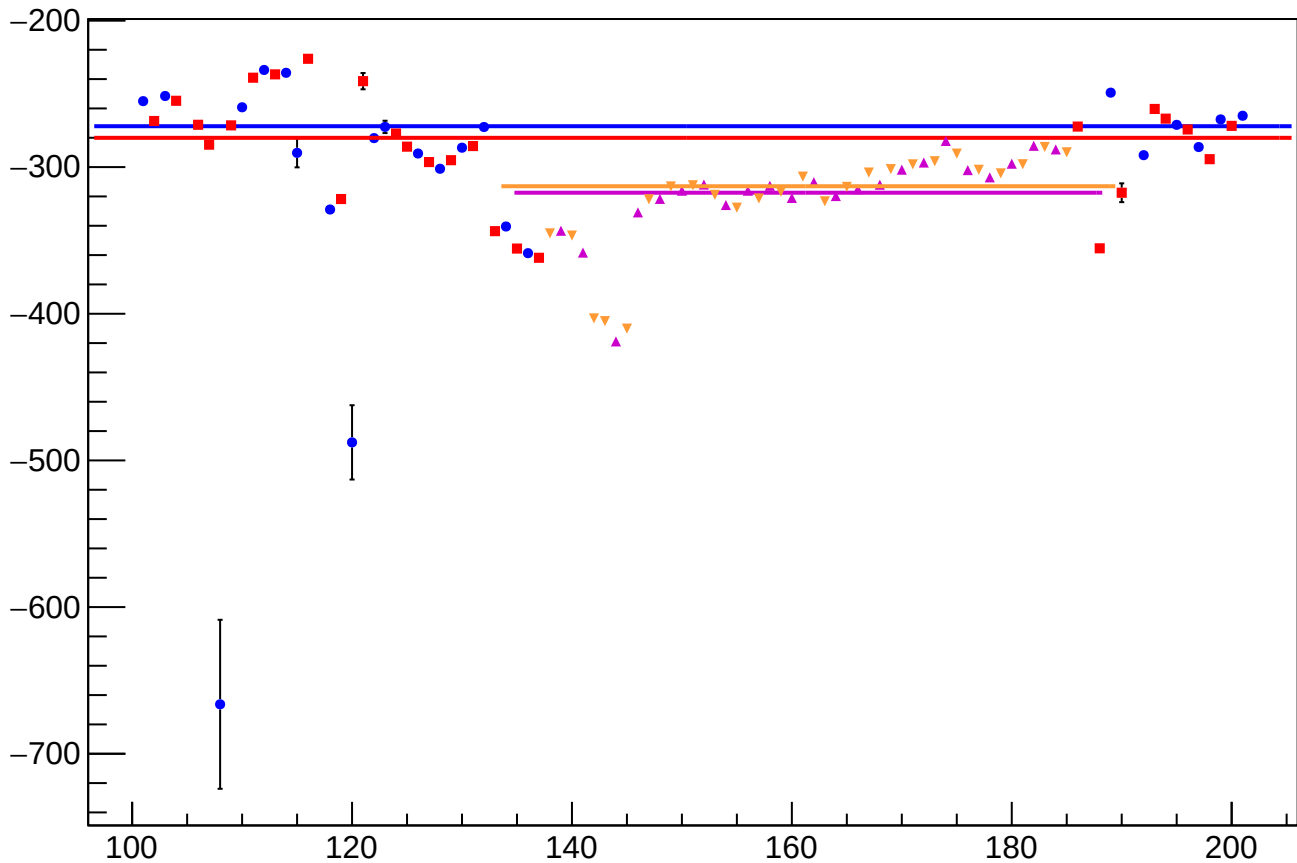
Left In: 19.117 $\pm$ 0.007 χ^2 /NDF: 229353.0/22

+ sign 18.278 $\pm$ 0.007 χ^2 /NDF: 268579.6/45

All: 18.829 $\pm$ 0.005 χ^2 /NDF: 551872.6/94

- sign 19.383 $\pm$ 0.007 χ^2 /NDF: 269439.4/48

dit_usr_4aX_slope vs Slug



Right In: -272.127 ± 0.112 $\chi^2/\text{NDF}: 60729.5/22$

Left Out: -313.052 ± 0.096 $\chi^2/\text{NDF}: 54405.8/24$

Right Out: -280.045 ± 0.098 $\chi^2/\text{NDF}: 66048.9/25$

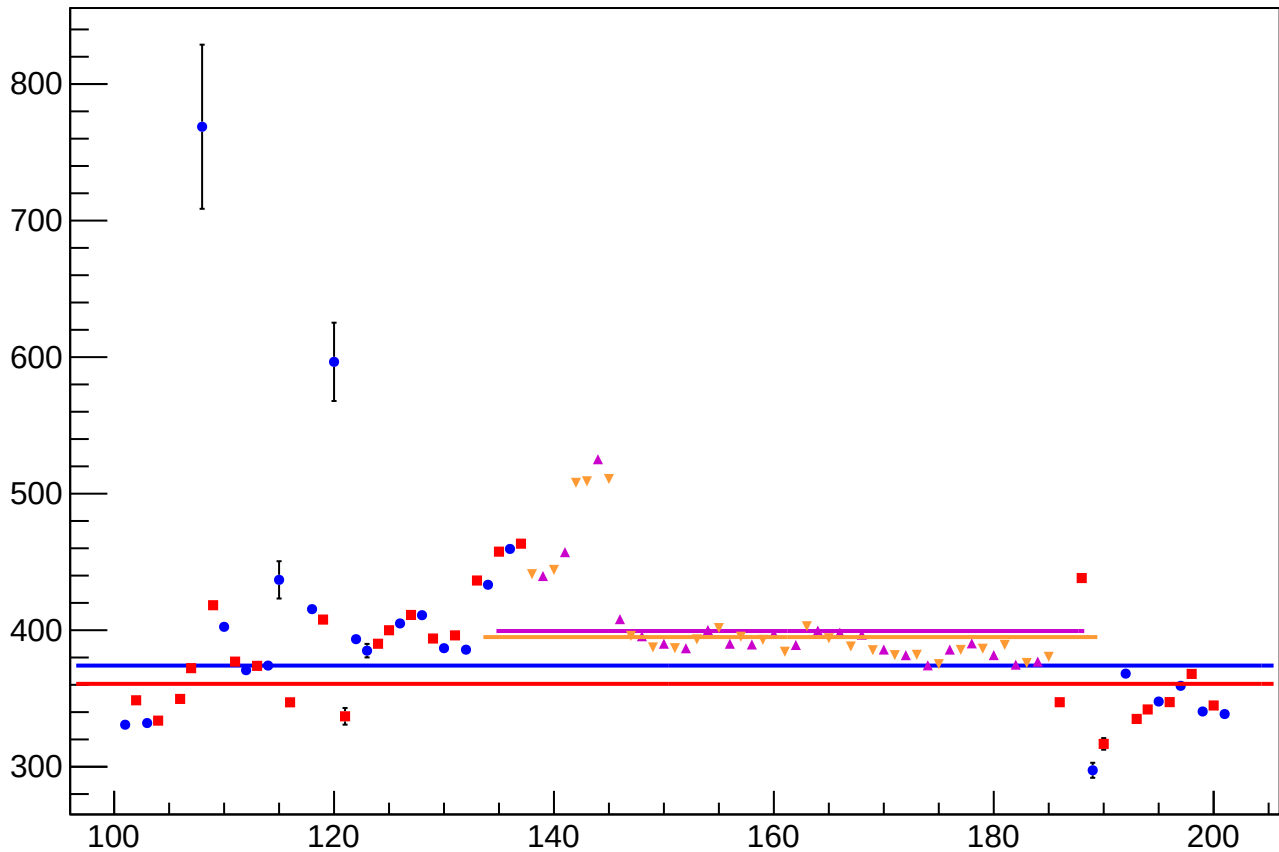
Left In: -317.471 ± 0.095 $\chi^2/\text{NDF}: 63067.6/22$

+ sign -295.838 ± 0.073 $\chi^2/\text{NDF}: 191849.8/47$

All: -297.676 ± 0.050 $\chi^2/\text{NDF}: 397231.5/96$

- sign -299.286 ± 0.068 $\chi^2/\text{NDF}: 204190.1/48$

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 88047.4/22

Left Out: 394.968 $\pm$ 0.096 χ^2 /NDF: 68076.2/24

Right Out: 360.712 $\pm$ 0.098 χ^2 /NDF: 96706.6/25

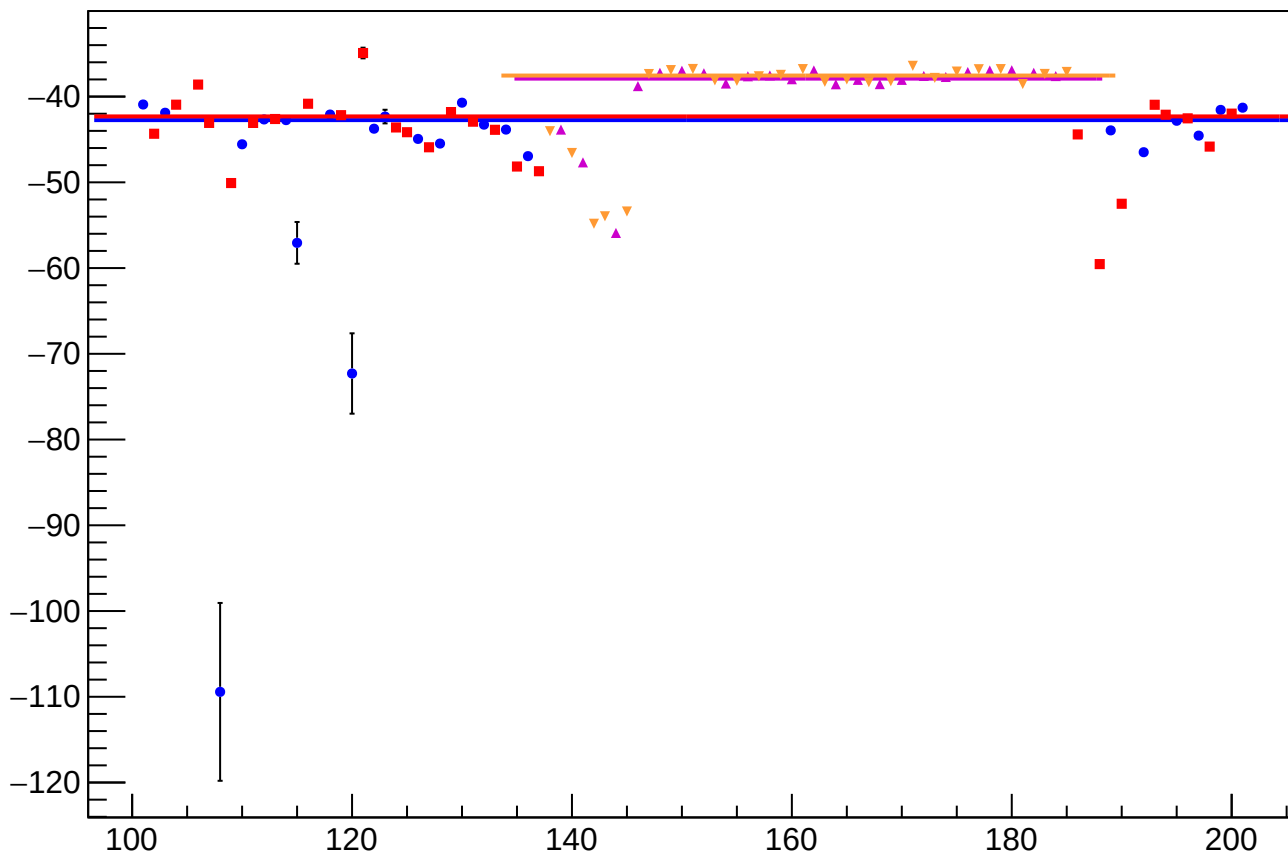
Left In: 399.410 $\pm$ 0.097 χ^2 /NDF: 77209.0/22

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 203394.3/47

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 464445.6/96

- sign 380.191 $\pm$ 0.069 χ^2 /NDF: 253180.7/48

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 19089.0/22

Left Out: -37.547 $\pm$ 0.004 χ^2 /NDF: 267131.7/24

Right Out: -42.313 $\pm$ 0.012 χ^2 /NDF: 24983.5/25

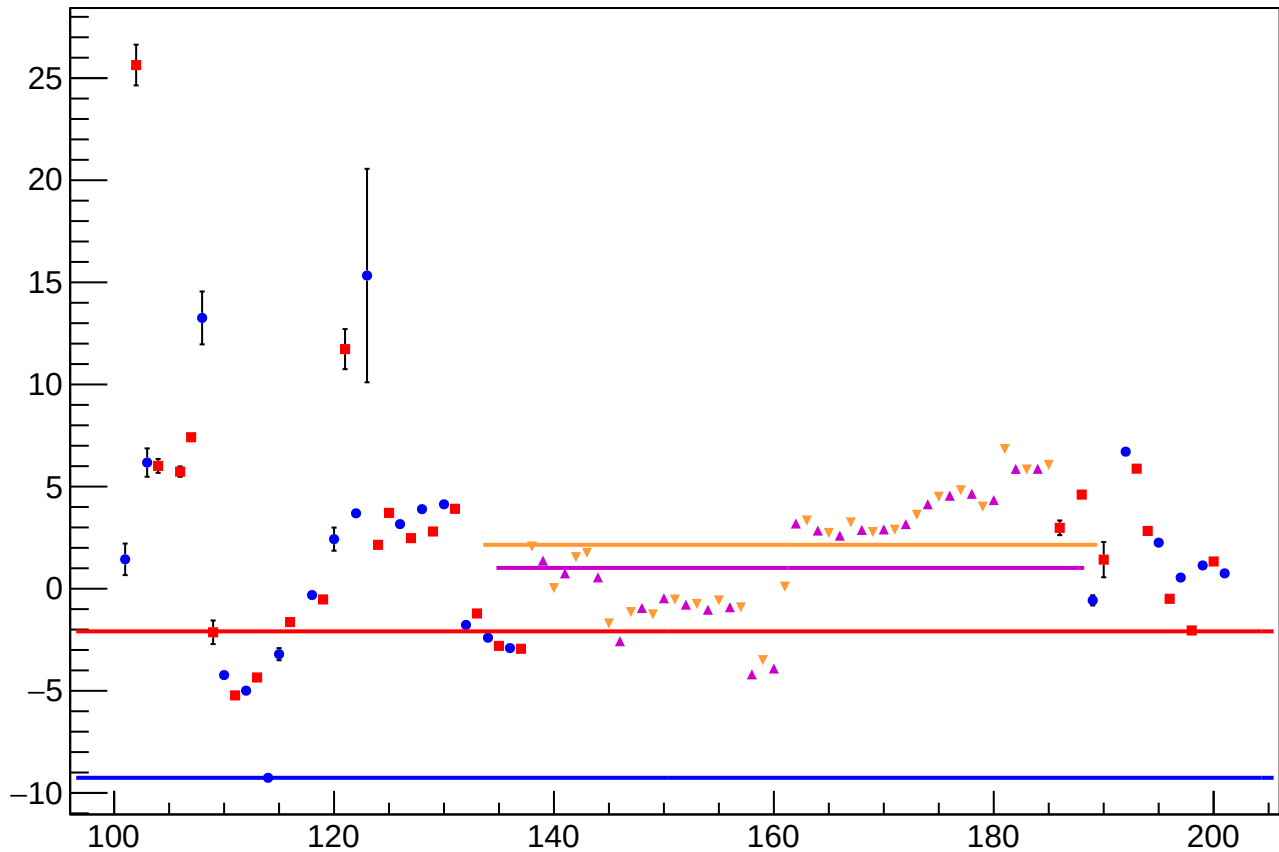
Left In: -37.903 $\pm$ 0.004 χ^2 /NDF: 156960.8/22

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 2121768.6/47

All: -42.744 $\pm$ 0.000 χ^2 /NDF: 3666988.0/96

- sign -38.404 $\pm$ 0.004 χ^2 /NDF: 310334.1/48

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF : 470017.4/22

Left Out: 2.149+/-0.005 χ^2/NDF : 290739.3/24

Right Out: -2.088+/-0.008 χ^2/NDF : 69728.8/25

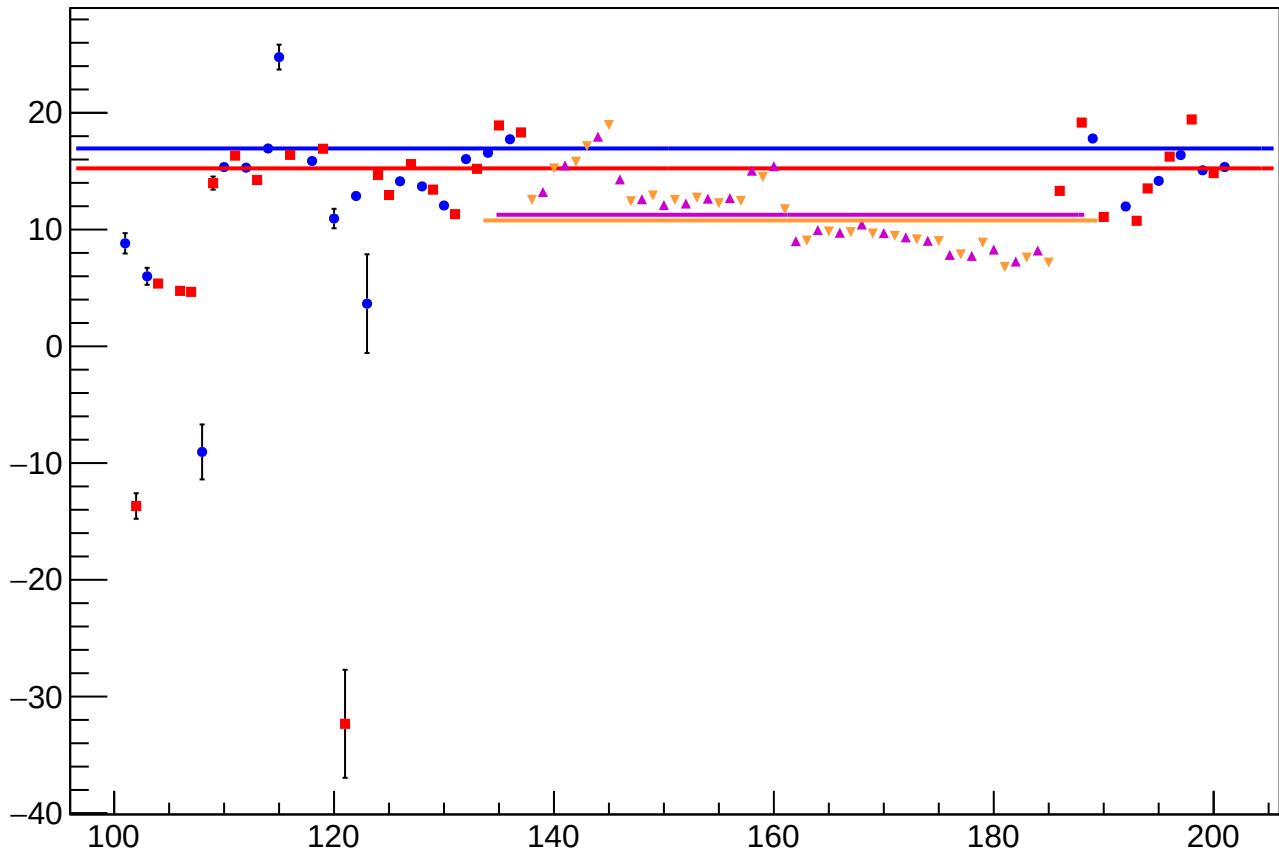
Left In: 1.019+/-0.006 χ^2/NDF : 250029.0/22

+ sign -9.259+/-0.000 χ^2/NDF : 6203614.9/47

All: -9.259+/-0.000 χ^2/NDF : 10674055.4/96

- sign -0.110+/-0.005 χ^2/NDF : 427633.3/48

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 13600.7/22

Left Out: 10.782 $\pm$ 0.007 χ^2 /NDF:129427.5/24

Right Out: 15.242 $\pm$ 0.015 χ^2 /NDF: 33905.4/25

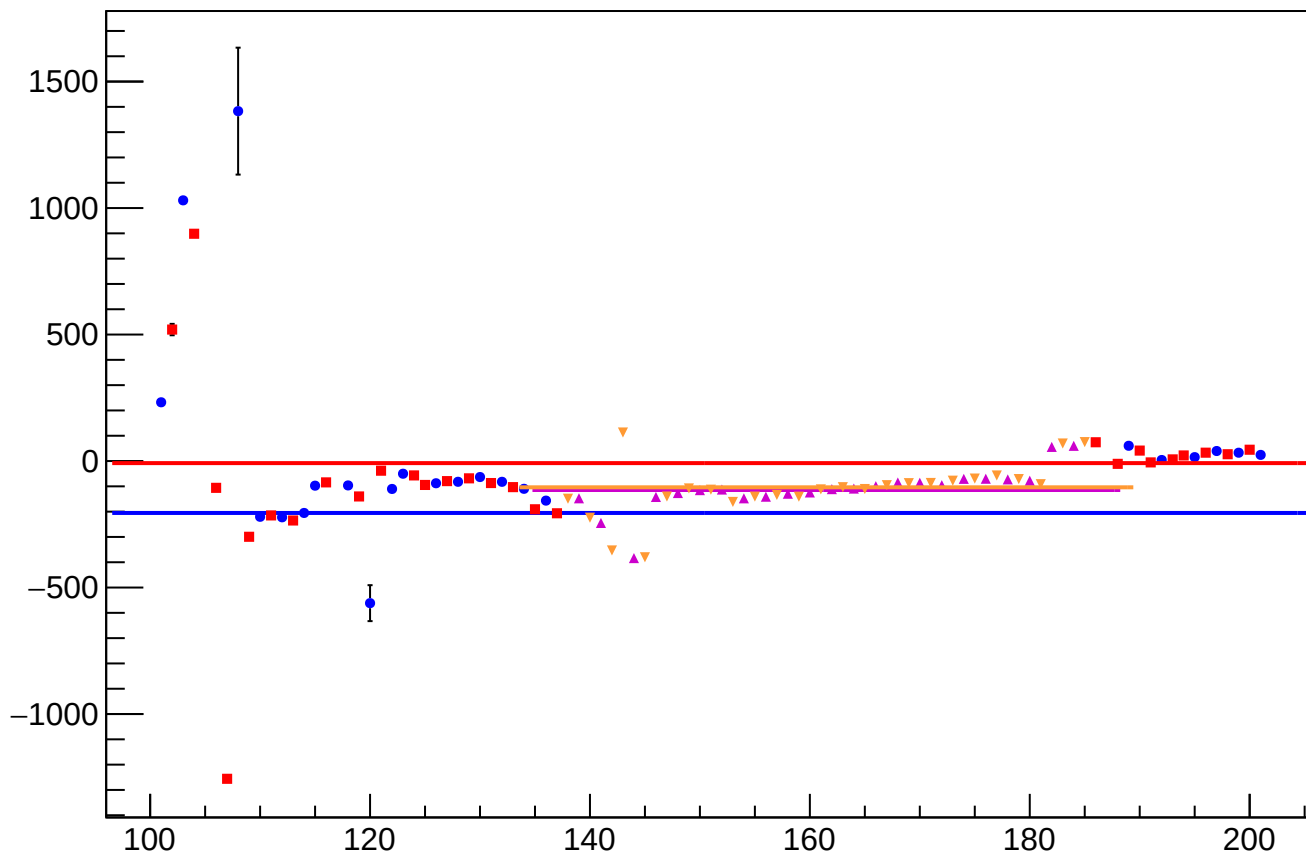
Left In: 11.267 $\pm$ 0.008 χ^2 /NDF:98438.0/22

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 997957.0/47

All: 16.947 $\pm$ 0.000 χ^2 /NDF: 1667986.2/96

- sign 12.126 $\pm$ 0.007 χ^2 /NDF: 187862.4/48

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1834808.1/22$

Left Out: -103.842 ± 0.192 $\chi^2/\text{NDF}: 94751.7/24$

Right Out: -8.160 ± 0.205 $\chi^2/\text{NDF}: 183234.3/26$

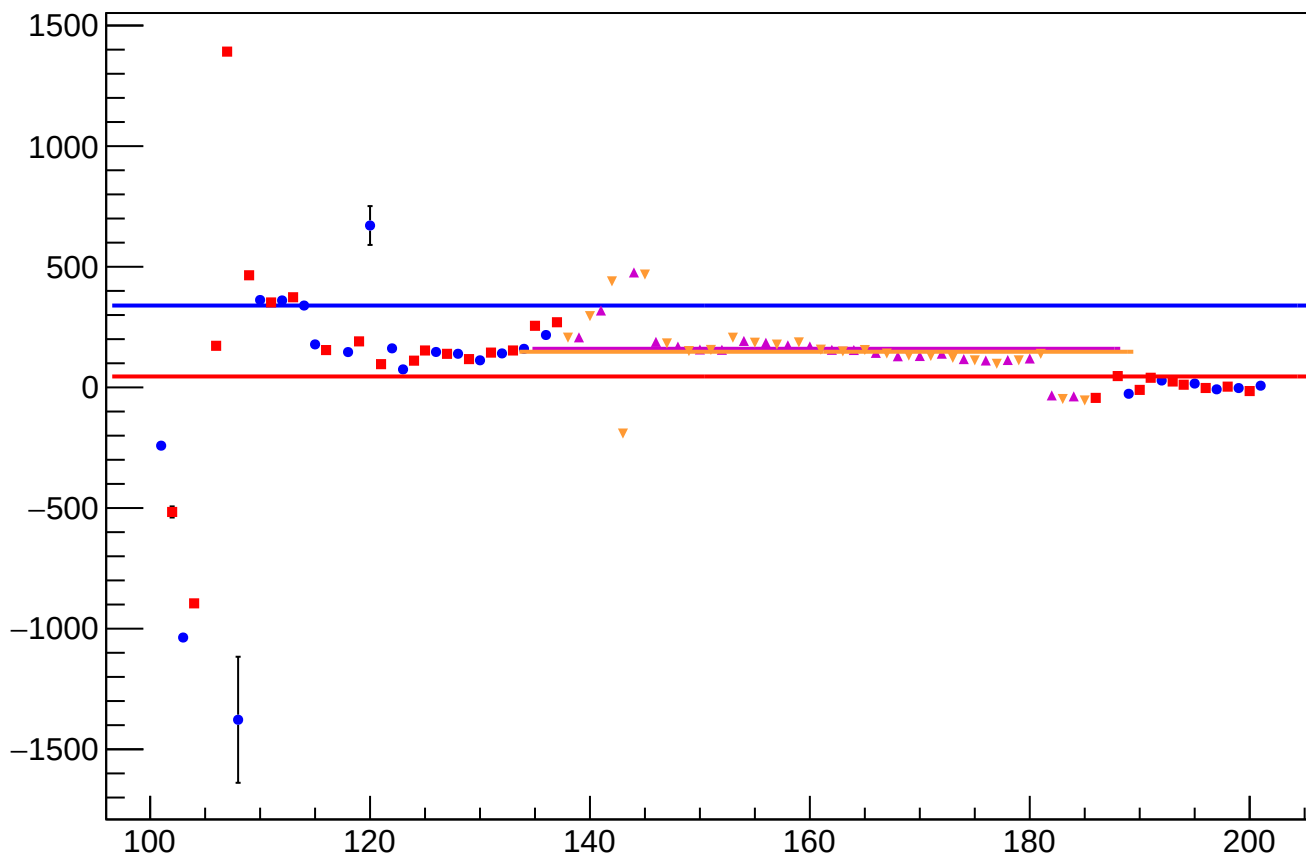
Left In: -114.444 ± 0.225 $\chi^2/\text{NDF}: 76837.7/22$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 2208930.0/47$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 3555856.5/97$

- sign -56.408 ± 0.151 $\chi^2/\text{NDF}: 382160.1/49$

dit_atl1_4eX_slope vs Slug



Right In: 339.325 $\pm$ 0.000 χ^2 /NDF: 2285948.0/22

Left Out: 147.771 $\pm$ 0.196 χ^2 /NDF: 134281.2/24

Right Out: 45.324 $\pm$ 0.200 χ^2 /NDF: 276917.4/26

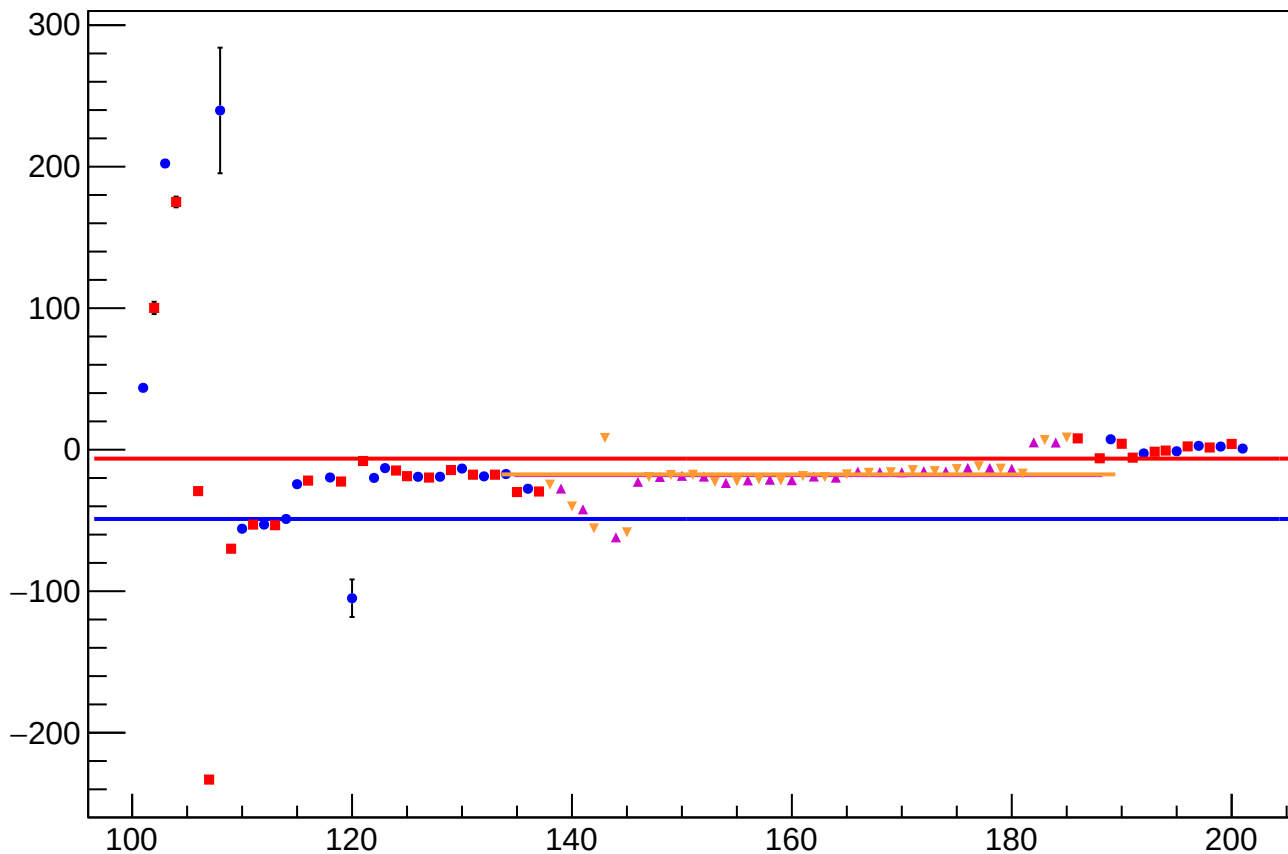
Left In: 160.049 $\pm$ 0.230 χ^2 /NDF: 83579.0/22

+ sign 339.325 $\pm$ 0.000 χ^2 /NDF: 3373854.4/47

All: 339.325 $\pm$ 0.000 χ^2 /NDF: 6496214.6/97

- sign 94.913 $\pm$ 0.151 χ^2 /NDF: 502173.8/49

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF : 7783660.3/22

Left Out: -17.446+/-0.010 χ^2/NDF : 714044.4/24

Right Out: -6.299+/-0.027 χ^2/NDF : 400586.7/26

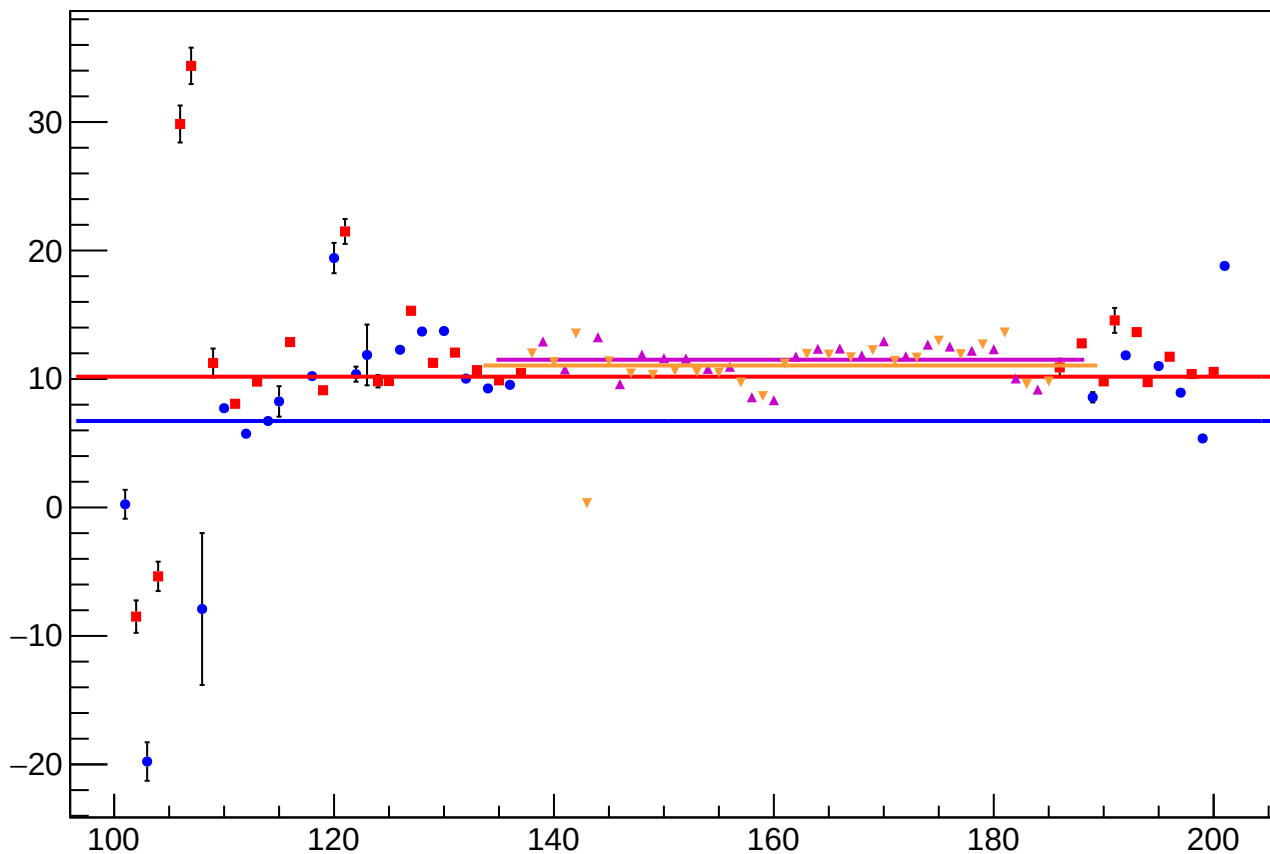
Left In: -17.951+/-0.012 χ^2/NDF : 252123.1/22

+ sign -48.945+/-0.000 χ^2/NDF : 18401143.6/47

All: -48.945+/-0.000 χ^2/NDF : 28009599.1/97

- sign -15.909+/-0.011 χ^2/NDF : 810892.1/49

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 17613.1/22

Left Out: 11.049 ± 0.012 χ^2/NDF : 31618.4/24

Right Out: 10.178 ± 0.033 χ^2/NDF : 6114.7/26

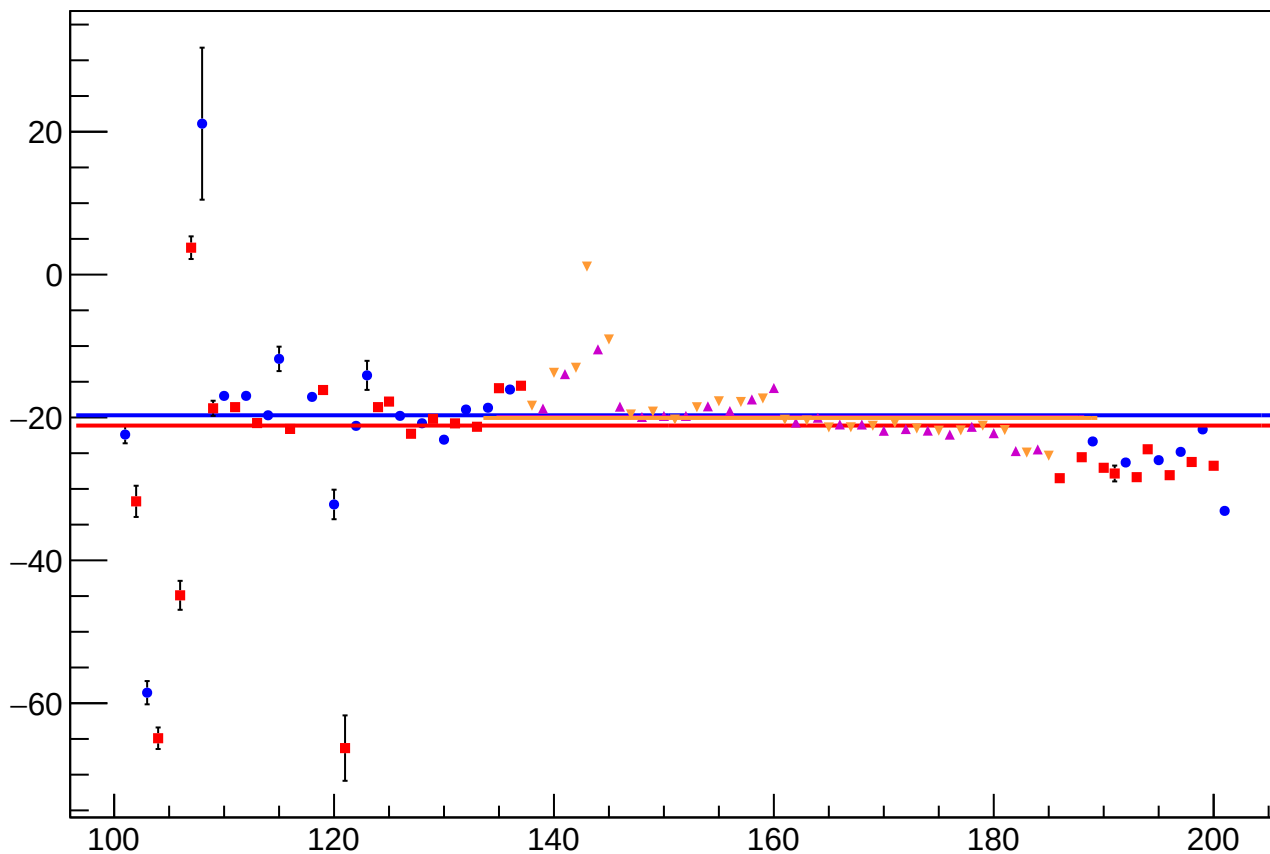
Left In: 11.498 ± 0.010 χ^2/NDF : 15848.8/22

+ sign 6.728 ± 0.000 χ^2/NDF : 173686.3/47

All: 6.728 ± 0.000 χ^2/NDF : 415742.6/97

- sign 11.379 ± 0.010 χ^2/NDF : 23412.5/49

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 13960.7/22

Left Out: -20.065 ± 0.014 χ^2/NDF : 71466.1/24

Right Out: -21.131 ± 0.043 χ^2/NDF : 7892.7/26

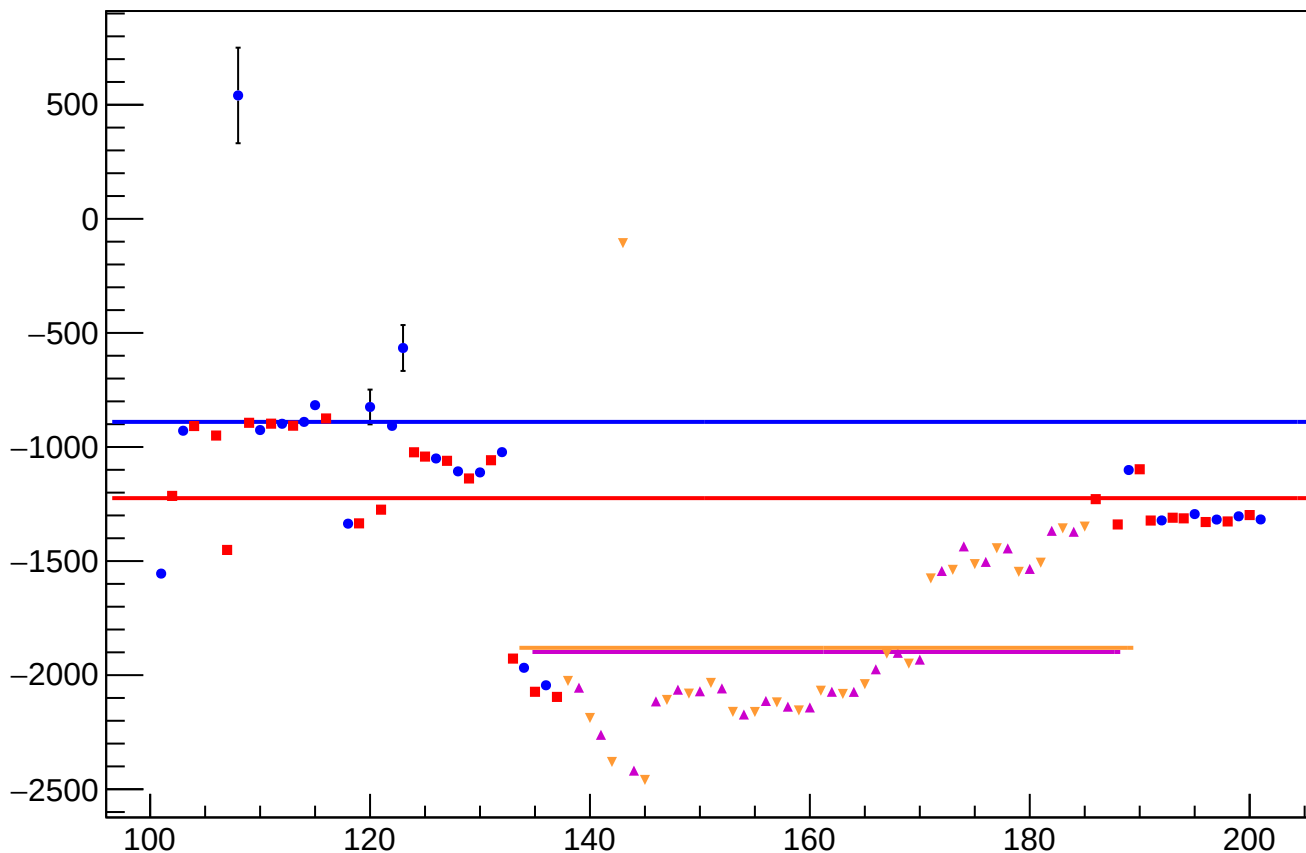
Left In: -19.955 ± 0.015 χ^2/NDF : 22657.6/22

+ sign -19.693 ± 0.000 χ^2/NDF : 86148.6/47

All: -19.693 ± 0.000 χ^2/NDF : 118119.1/97

- sign -20.085 ± 0.014 χ^2/NDF : 31216.2/49

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2 /NDF: 1842176.5/22

Left Out: -1880.162+/-0.353 χ^2 /NDF: 873293.0/24

Right Out: -1224.165+/-0.202 χ^2 /NDF: 984026.2/26

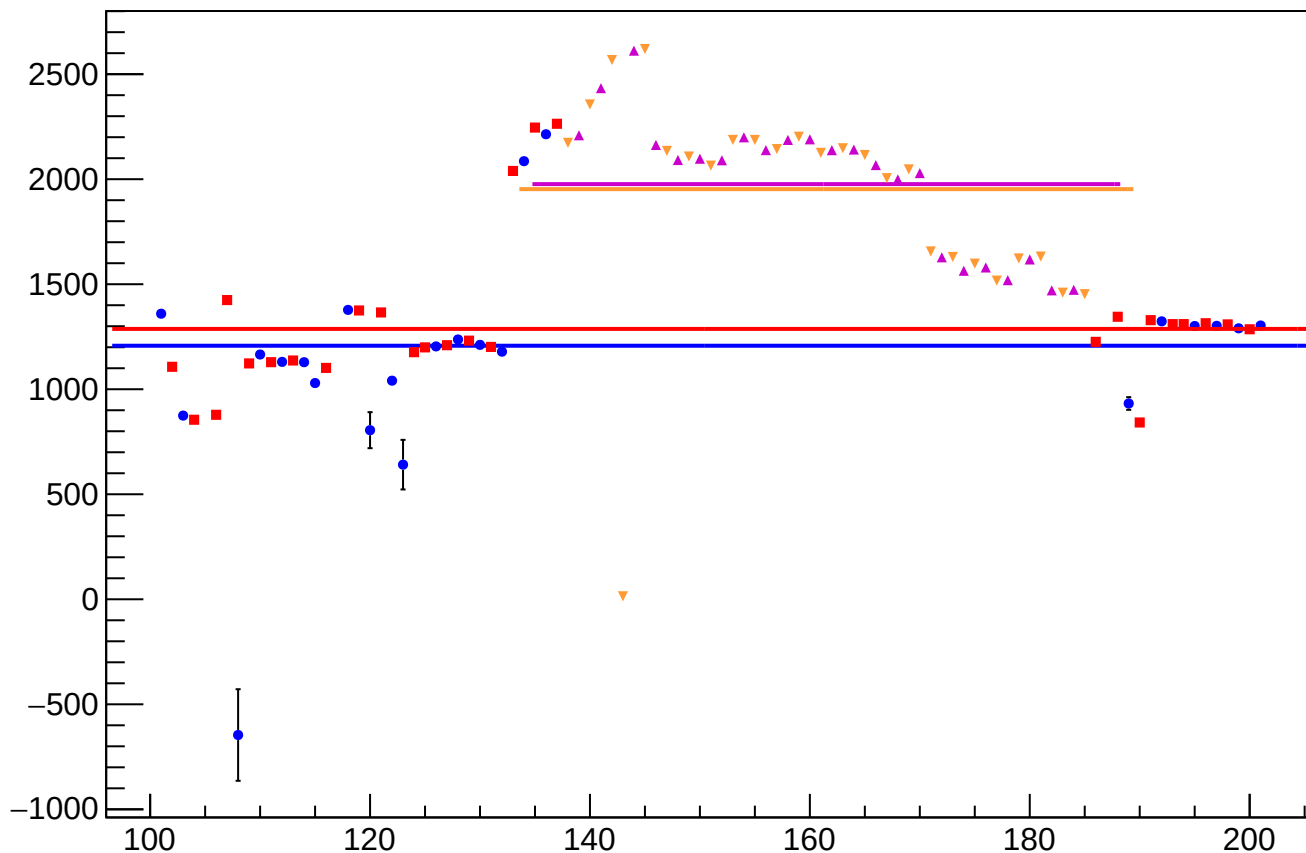
Left In: -1898.497+/-0.364 χ^2 /NDF: 698003.8/22

+ sign -889.928+/-0.000 χ^2 /NDF: 10587191.0/47

All: -889.928+/-0.000 χ^2 /NDF: 22692804.2/9

- sign -1383.256+/-0.177 χ^2 /NDF: 4308251.8/49

dit_atl2_4eX_slope vs Slug



Right In: 1207.148+/-0.208 χ^2/NDF : 586464.2/22

Left Out: 1952.706+/-0.354 χ^2/NDF : 820225.3/24

Right Out: 1287.247+/-0.201 χ^2/NDF : 533993.3/26

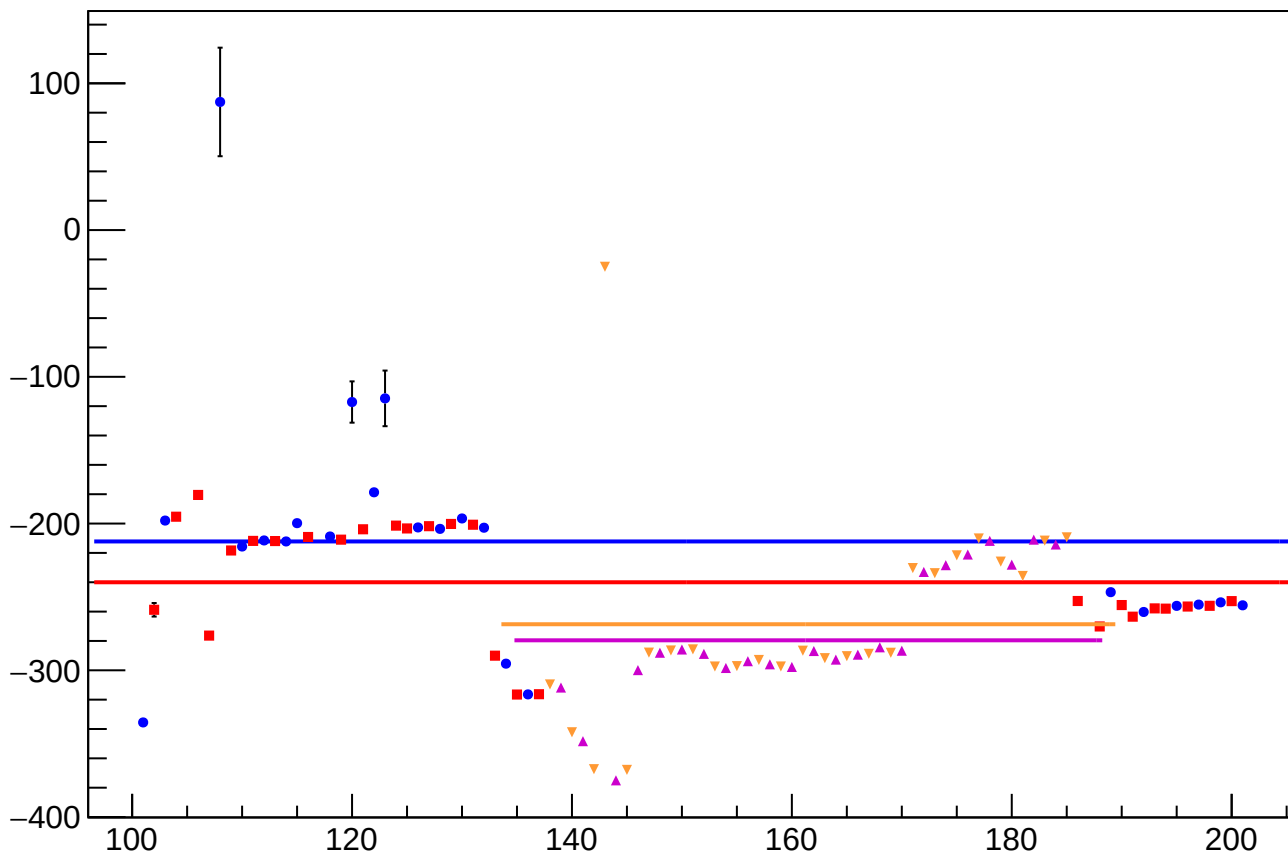
Left In: 1976.603+/-0.367 χ^2/NDF : 625684.0/22

+ sign 1398.786+/-0.179 χ^2/NDF : 4702223.2/47

All: 1422.982+/-0.126 χ^2/NDF : 8607836.2/97

- sign 1446.367+/-0.176 χ^2/NDF : 3869871.3/49

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1900783.2/22$

Left Out: -268.611 ± 0.022 $\chi^2/\text{NDF}: 7041710.3/24$

Right Out: -240.009 ± 0.026 $\chi^2/\text{NDF}: 966143.3/26$

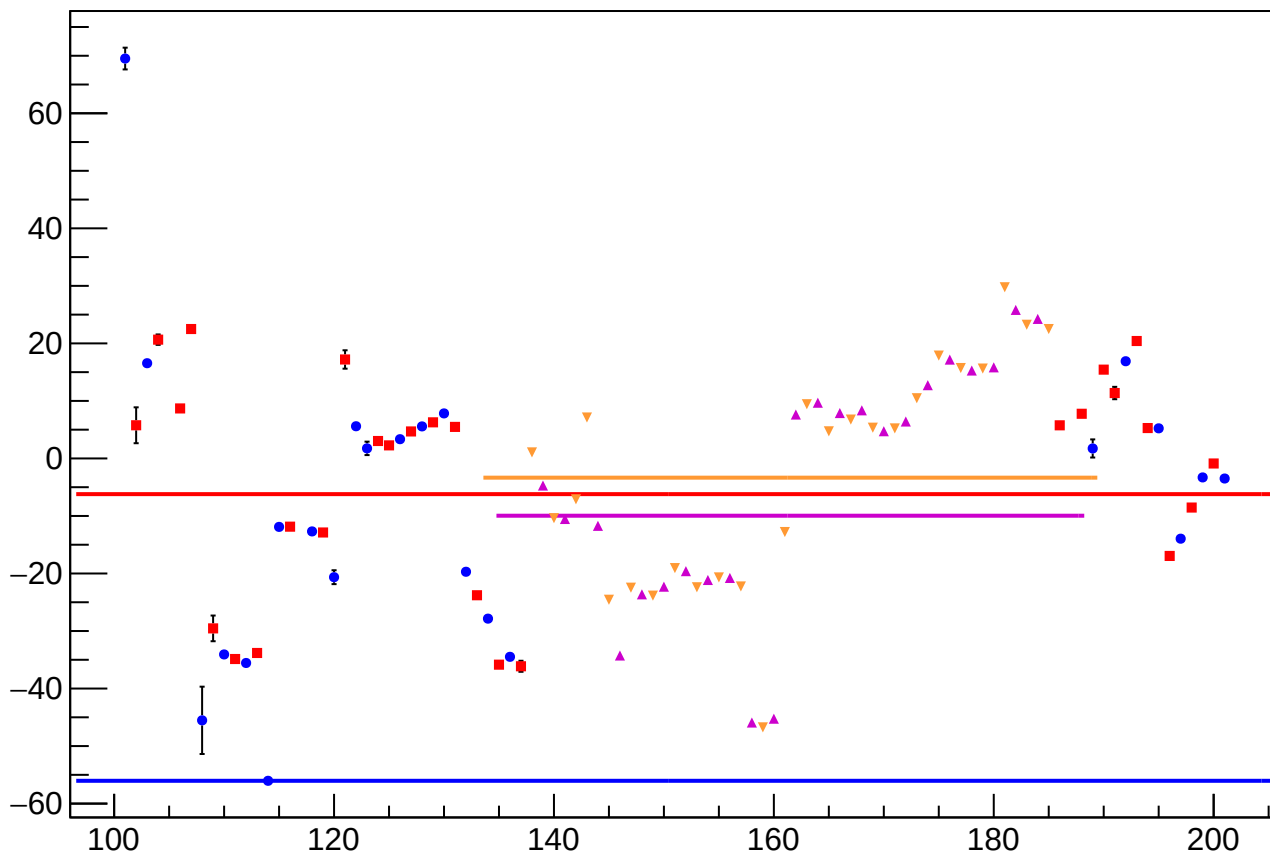
Left In: -279.563 ± 0.022 $\chi^2/\text{NDF}: 2298119.7/22$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 15498810.4/47$

All: -212.190 ± 0.000 $\chi^2/\text{NDF}: 29612308.2/9$

- sign -263.084 ± 0.017 $\chi^2/\text{NDF}: 4653059.3/49$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1748901.0/22

Left Out: -3.341 ± 0.018 χ^2/NDF : 1399746.6/24

Right Out: -6.204 ± 0.039 χ^2/NDF : 188961.8/26

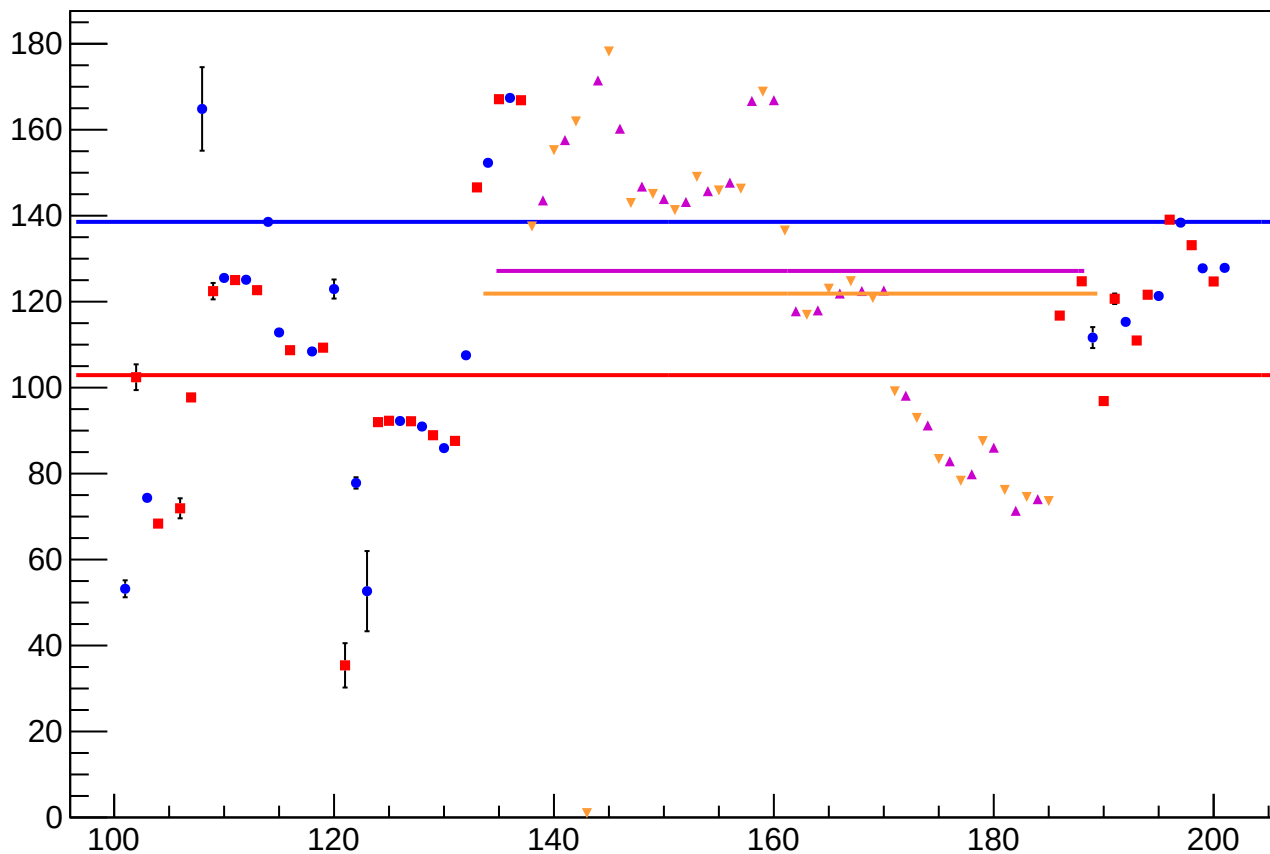
Left In: -9.956 ± 0.018 χ^2/NDF : 1689839.0/22

+ sign -56.037 ± 0.000 χ^2/NDF : 12136467.0/47

All: -56.037 ± 0.000 χ^2/NDF : 21863284.2/97

- sign -9.271 ± 0.017 χ^2/NDF : 1886323.9/49

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 913760.6/22

Left Out: 121.875 $\pm$ 0.024 χ^2 /NDF:1617383.6/24

Right Out: 102.905 $\pm$ 0.032 χ^2 /NDF: 358115.4/26

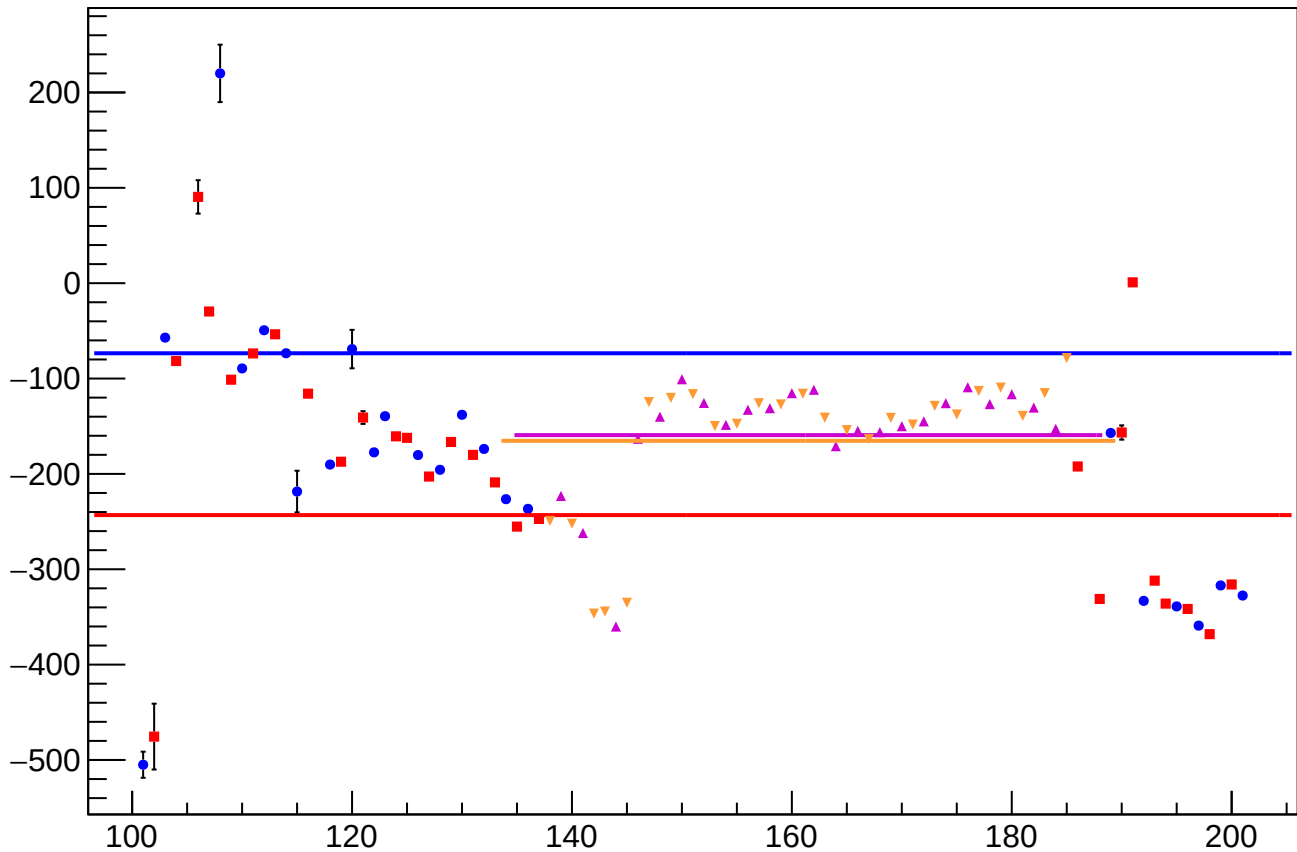
Left In: 127.150 $\pm$ 0.026 χ^2 /NDF:1340248.6/22

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 3002881.9/47

All: 138.565 $\pm$ 0.000 χ^2 /NDF: 6159461.3/97

- sign 117.310 $\pm$ 0.020 χ^2 /NDF: 2046601.4/49

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 443201.9/22$

Left Out: -165.282 ± 0.232 $\chi^2/\text{NDF}: 84301.0/24$

Right Out: -243.198 ± 0.230 $\chi^2/\text{NDF}: 213438.8/26$

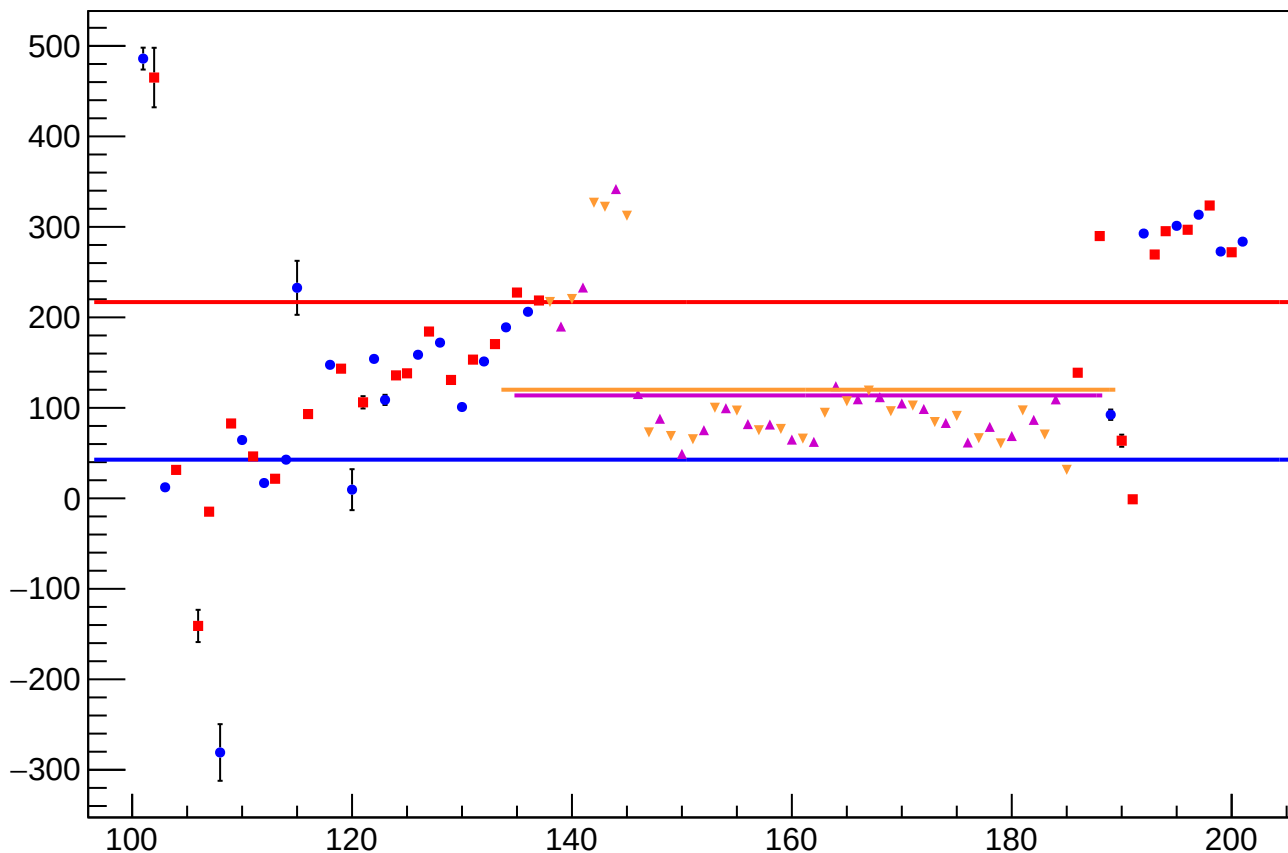
Left In: -159.346 ± 0.239 $\chi^2/\text{NDF}: 73885.5/22$

+ sign -73.485 ± 0.000 $\chi^2/\text{NDF}: 684418.1/47$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 1644396.9/97$

- sign -202.878 ± 0.166 $\chi^2/\text{NDF}: 351151.6/49$

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 419039.9/22

Left Out: 120.053+/-0.237 χ^2/NDF : 97926.9/24

Right Out: 216.888+/-0.235 χ^2/NDF : 170919.0/26

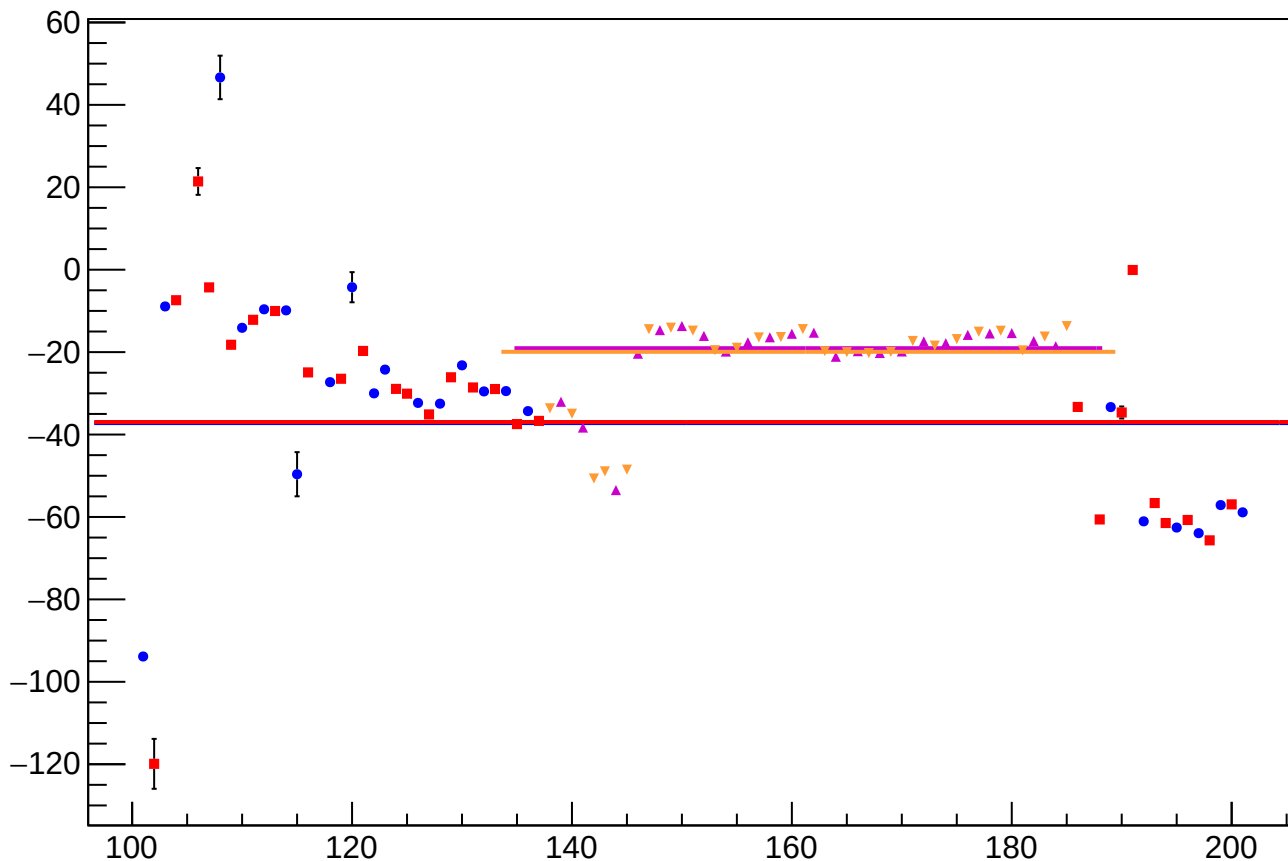
Left In: 113.733+/-0.246 χ^2/NDF : 81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF : 623397.9/47

All: 42.743+/-0.000 χ^2/NDF : 1506187.9/97

- sign 167.630+/-0.170 χ^2/NDF : 344441.8/49

dit_atr1_11X12X_slope vs Slug



Right In: -37.216 ± 0.029 χ^2/NDF : 260090.4/22

Left Out: -19.926 ± 0.012 χ^2/NDF : 374900.2/24

Right Out: -36.954 ± 0.027 χ^2/NDF : 651878.7/26

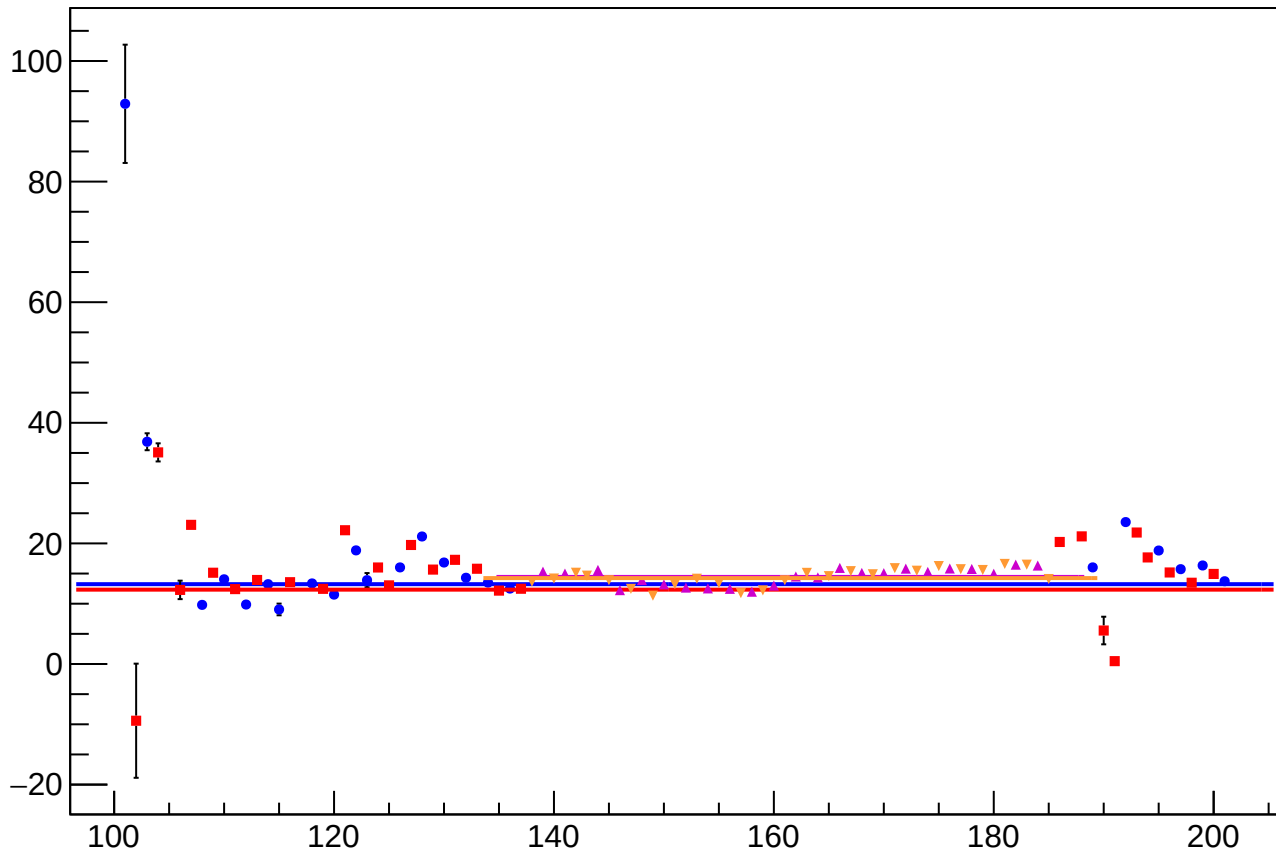
Left In: -19.047 ± 0.014 χ^2/NDF : 214747.8/22

+ sign -22.492 ± 0.011 χ^2/NDF : 930189.0/47

All: -22.674 ± 0.008 χ^2/NDF : 2151344.6/97

- sign -22.892 ± 0.012 χ^2/NDF : 1220585.4/49

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 8005.6/22

Left Out: 14.245 $\pm$ 0.012 χ^2 /NDF:12367.6/24

Right Out: 12.331 $\pm$ 0.039 χ^2 /NDF: 24710.7/26

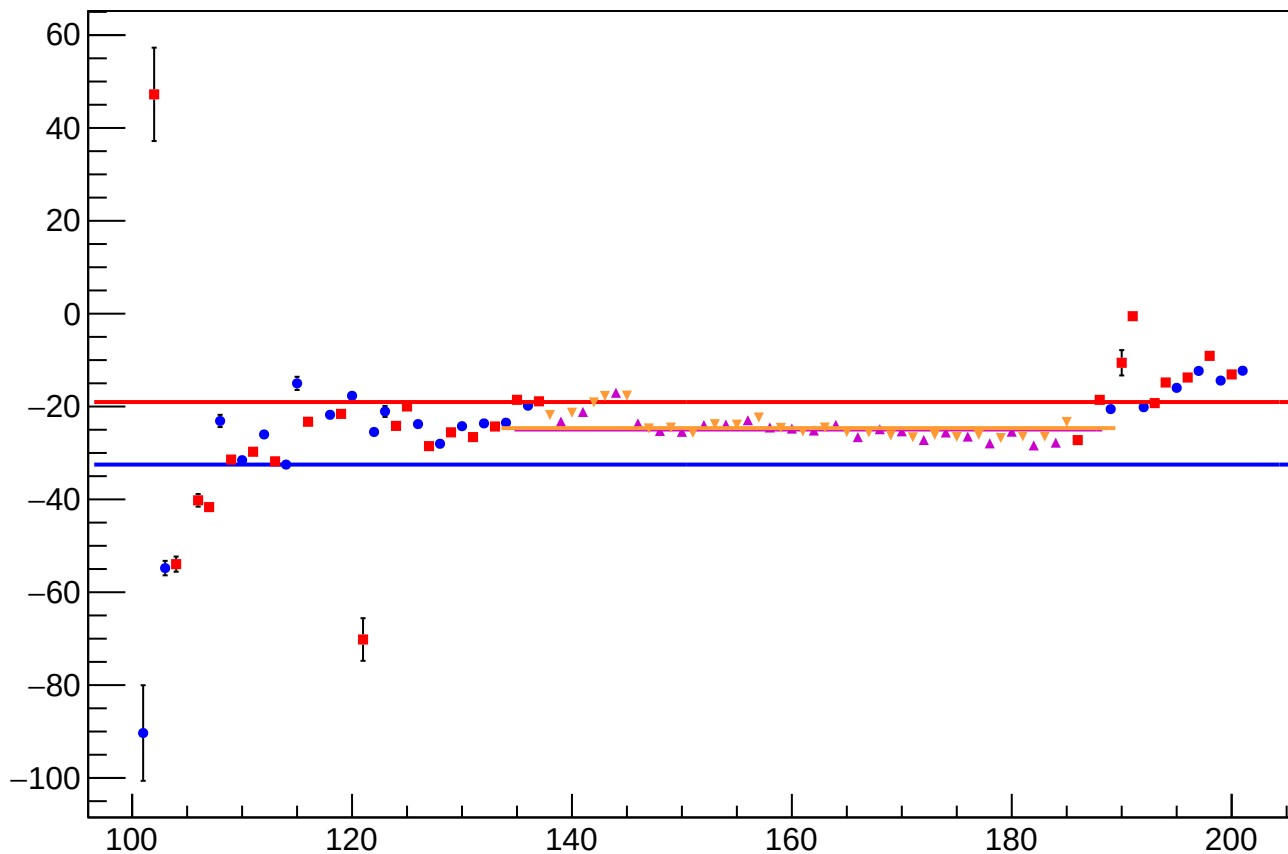
Left In: 14.441 $\pm$ 0.012 χ^2 /NDF:12955.9/22

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 27442.9/47

All: 13.238 $\pm$ 0.000 χ^2 /NDF: 76326.5/97

- sign 14.265 $\pm$ 0.011 χ^2 /NDF: 40400.5/49

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 $\chi^2/\text{NDF}: 92595.9/22$

Left Out: -24.652 ± 0.015 $\chi^2/\text{NDF}: 23058.0/24$

Right Out: -19.033 ± 0.039 $\chi^2/\text{NDF}: 65741.3/26$

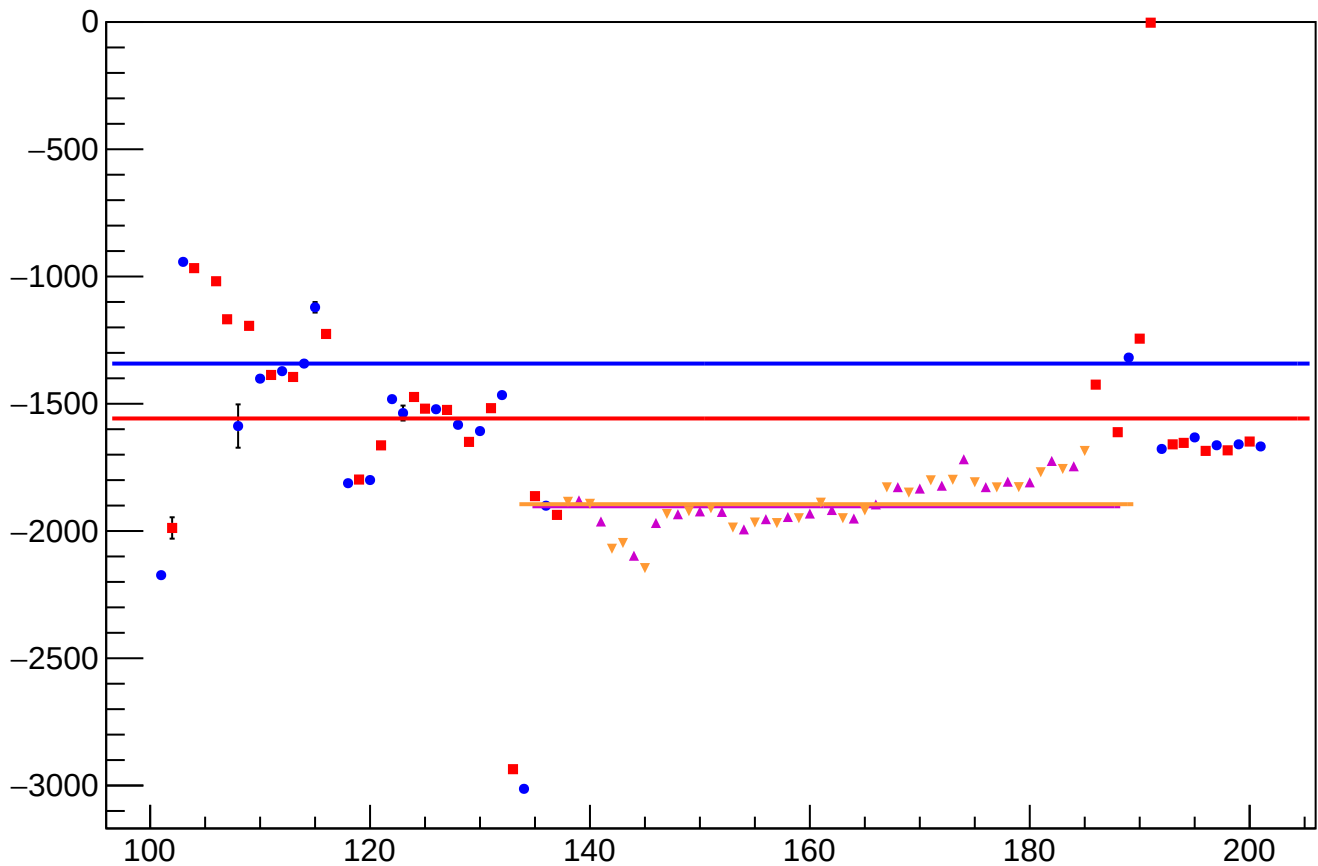
Left In: -24.948 ± 0.015 $\chi^2/\text{NDF}: 14049.6/22$

+ sign -32.504 ± 0.000 $\chi^2/\text{NDF}: 390983.9/47$

All: -32.504 ± 0.000 $\chi^2/\text{NDF}: 838011.6/97$

- sign -24.170 ± 0.014 $\chi^2/\text{NDF}: 99773.8/49$

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 ± 0.000 $\chi^2/\text{NDF}: 868902.8/22$

Left Out: -1894.646 ± 0.318 $\chi^2/\text{NDF}: 67387.8/24$

Right Out: -1557.793 ± 0.239 $\chi^2/\text{NDF}: 1987465.7/26$

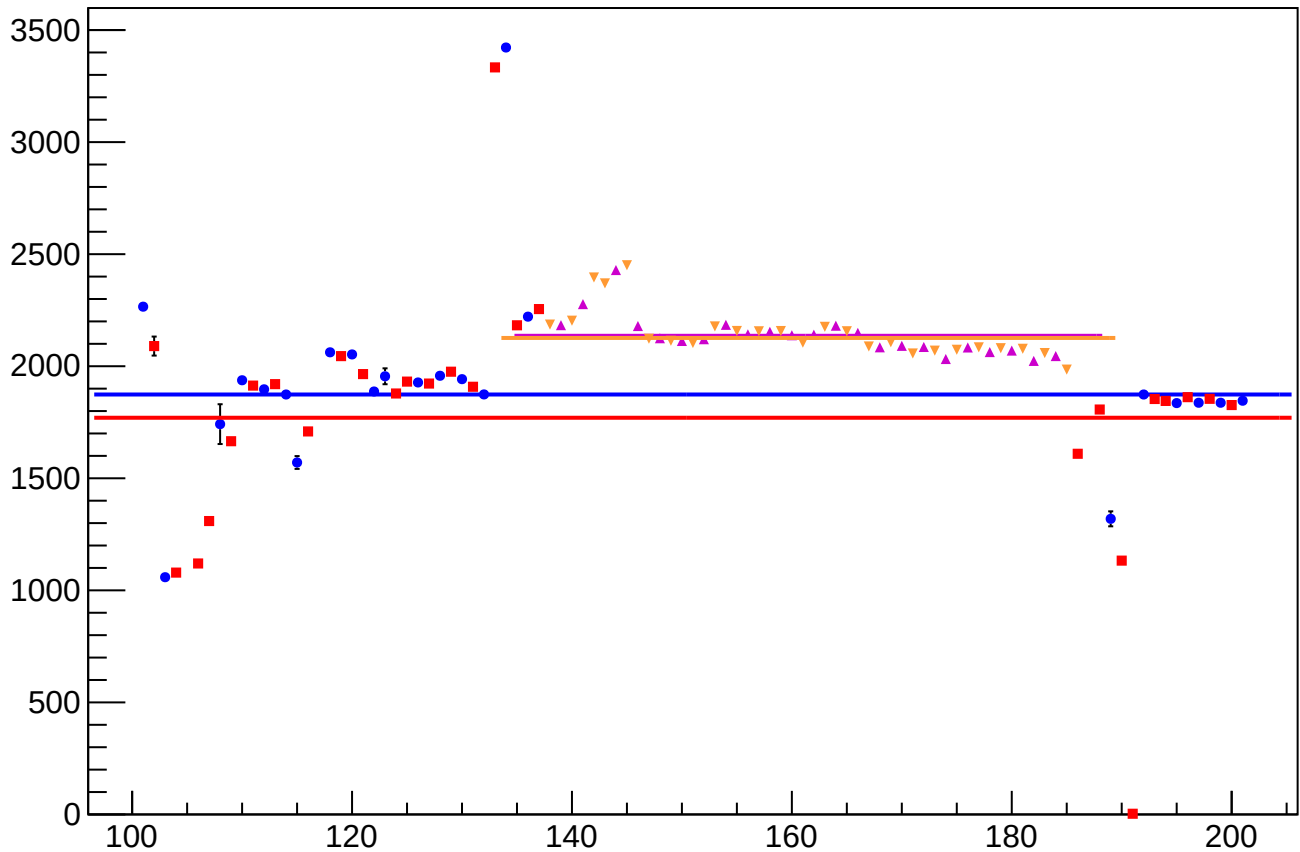
Left In: -1902.803 ± 0.289 $\chi^2/\text{NDF}: 69208.9/22$

+ sign -1342.107 ± 0.000 $\chi^2/\text{NDF}: 3959586.9/47$

All: -1342.107 ± 0.000 $\chi^2/\text{NDF}: 10603585.0/100$

- sign -1697.762 ± 0.184 $\chi^2/\text{NDF}: 2905012.0/49$

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 206371.3/22

Left Out: 2126.160+/-0.317 χ^2/NDF : 48244.0/24

Right Out: 1770.120+/-0.237 χ^2/NDF : 3348772.7/26

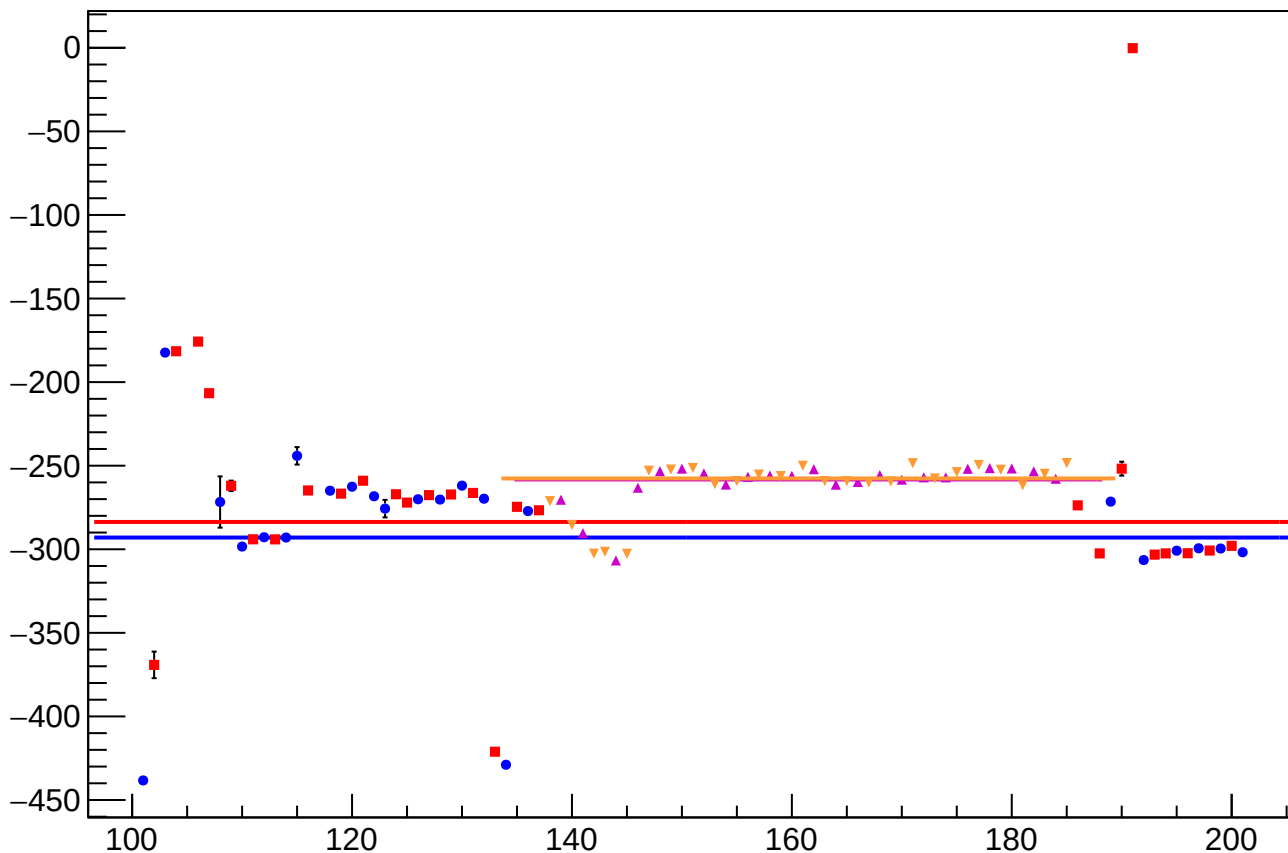
Left In: 2135.770+/-0.290 χ^2/NDF : 58031.3/22

+ sign 1873.852+/-0.000 χ^2/NDF : 886983.0/47

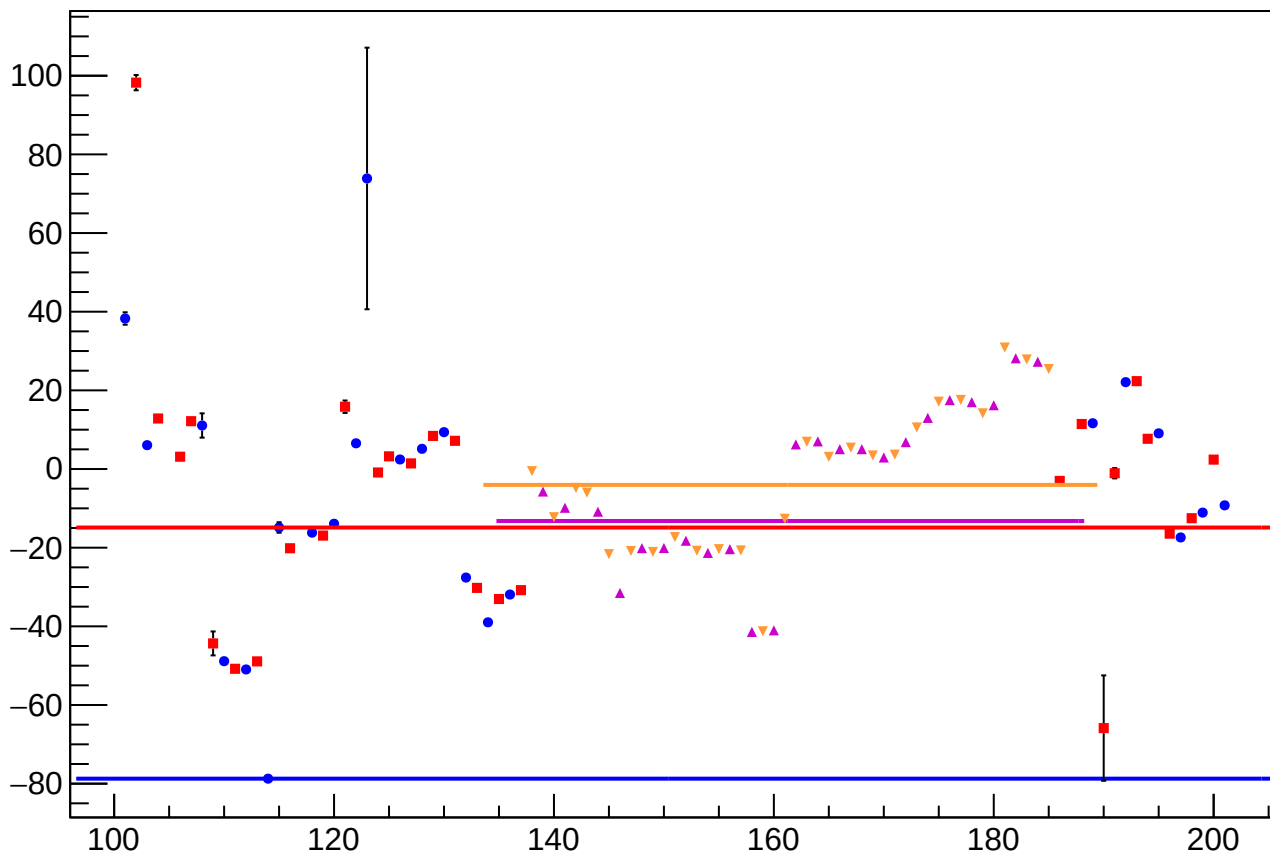
All: 1873.852+/-0.000 χ^2/NDF : 5304574.7/97

- sign 1916.481+/-0.183 χ^2/NDF : 4363427.0/49

dit_atr2_11X12X_slope vs Slug



dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 χ^2/NDF : 1670282.0/22

Left Out: -4.036 ± 0.017 χ^2/NDF : 1369619.3/24

Right Out: -14.875 ± 0.063 χ^2/NDF : 101806.2/26

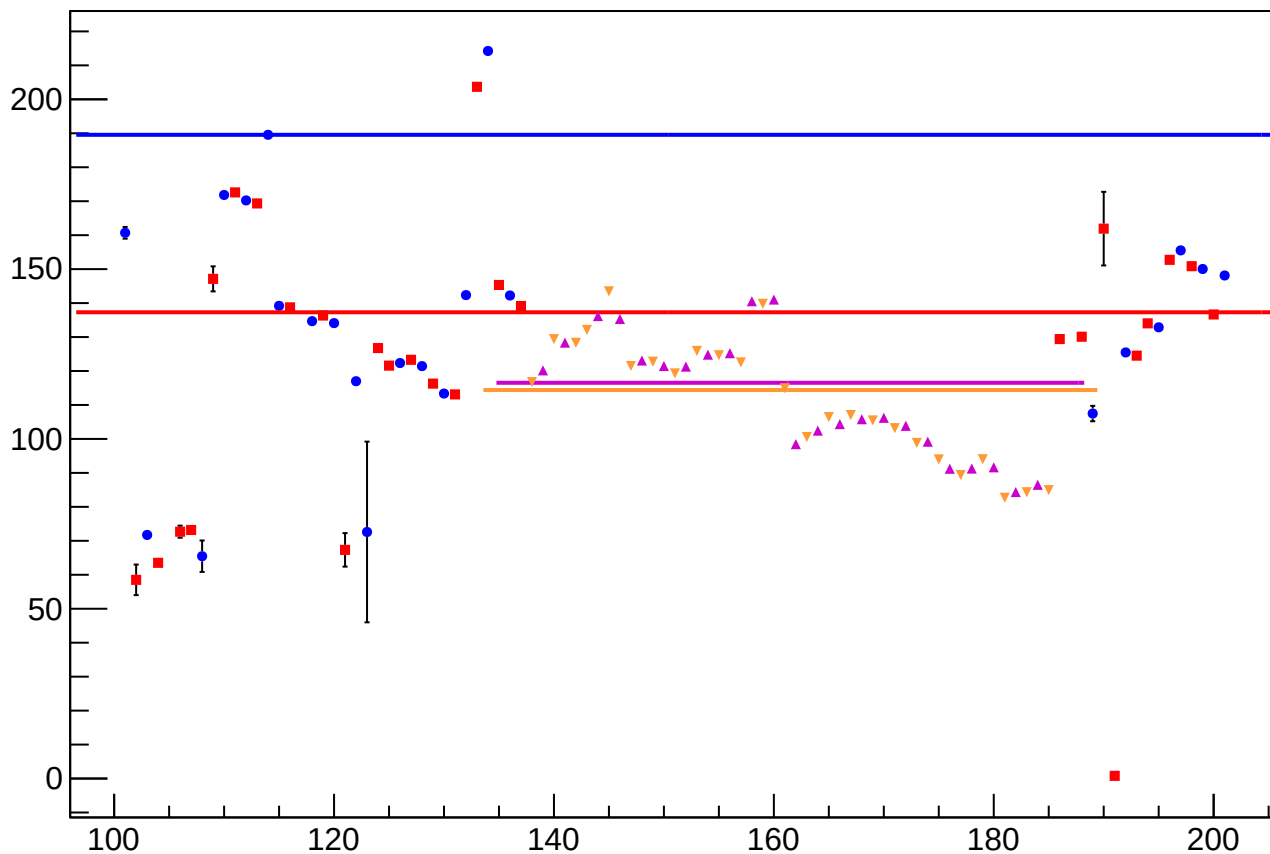
Left In: -13.213 ± 0.017 χ^2/NDF : 1356033.4/22

+ sign -78.728 ± 0.000 χ^2/NDF : 22180594.9/47

All: -78.728 ± 0.000 χ^2/NDF : 39658143.8/97

- sign -13.324 ± 0.016 χ^2/NDF : 1458486.4/49

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 1046720.8/22

Left Out: 114.395 $\pm$ 0.023 χ^2 /NDF: 434871.2/24

Right Out: 137.294 $\pm$ 0.054 χ^2 /NDF: 130658.4/26

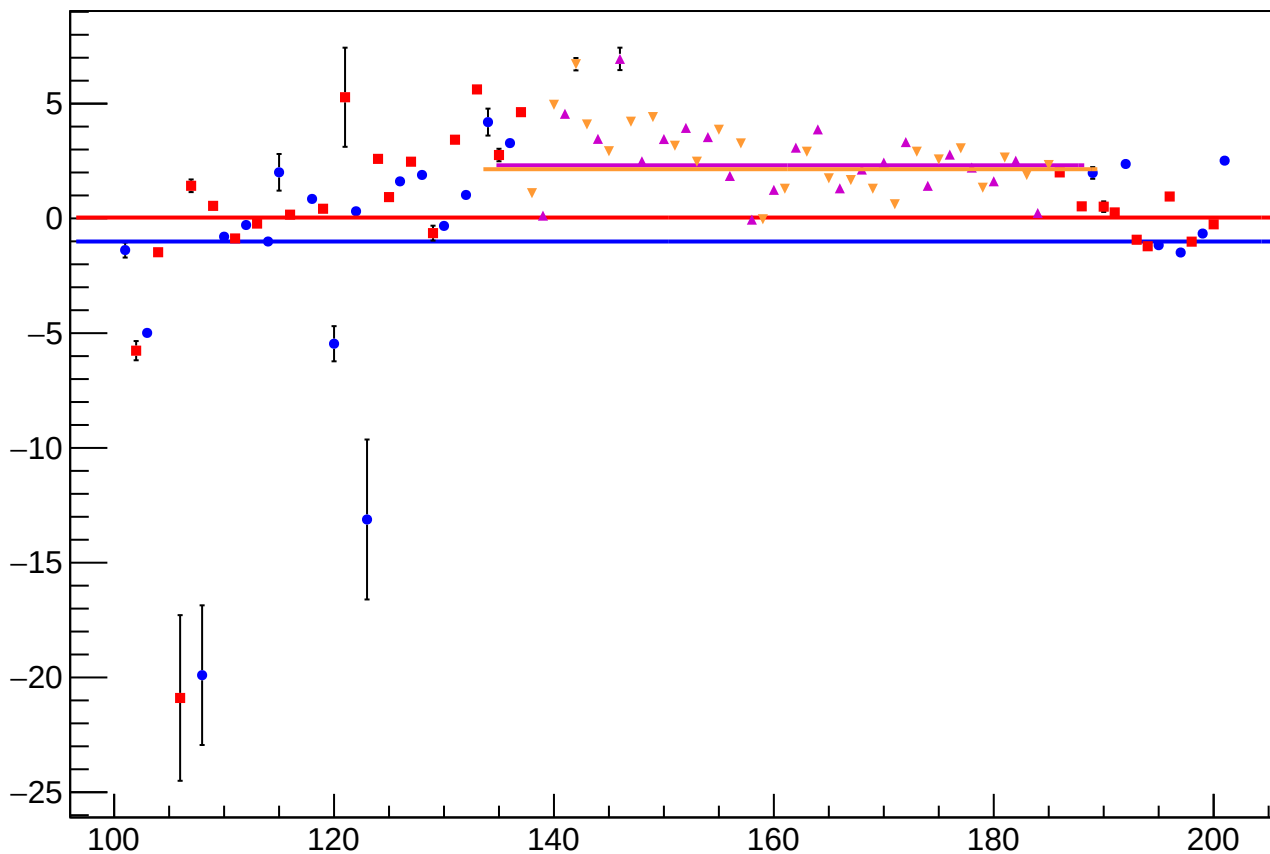
Left In: 116.538 $\pm$ 0.024 χ^2 /NDF: 458128.6/22

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 12567848.0/47

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 23643083.7/97

- sign 119.834 $\pm$ 0.022 χ^2 /NDF: 711498.4/49

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 8398.0/22

Left Out: 2.143 ± 0.015 χ^2/NDF : 6585.0/24

Right Out: 0.037 ± 0.013 χ^2/NDF : 5985.9/26

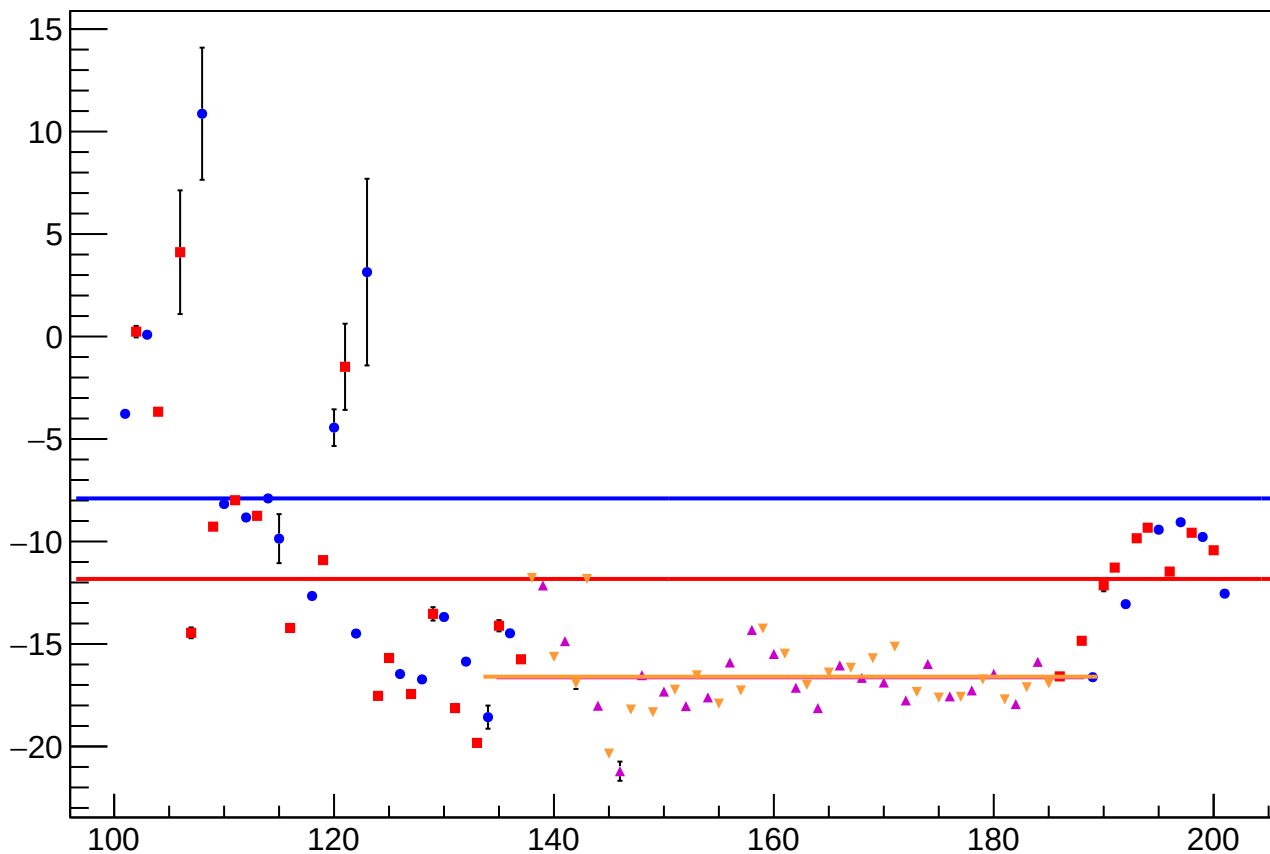
Left In: 2.313 ± 0.014 χ^2/NDF : 7446.3/22

+ sign -1.007 ± 0.000 χ^2/NDF : 61204.4/47

All: -1.007 ± 0.000 χ^2/NDF : 136496.9/97

- sign 1.114 ± 0.010 χ^2/NDF : 27223.9/49

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 $\chi^2/\text{NDF}: 48810.3/22$

Left Out: -16.595 ± 0.014 $\chi^2/\text{NDF}: 8432.7/24$

Right Out: -11.827 ± 0.015 $\chi^2/\text{NDF}: 37607.6/26$

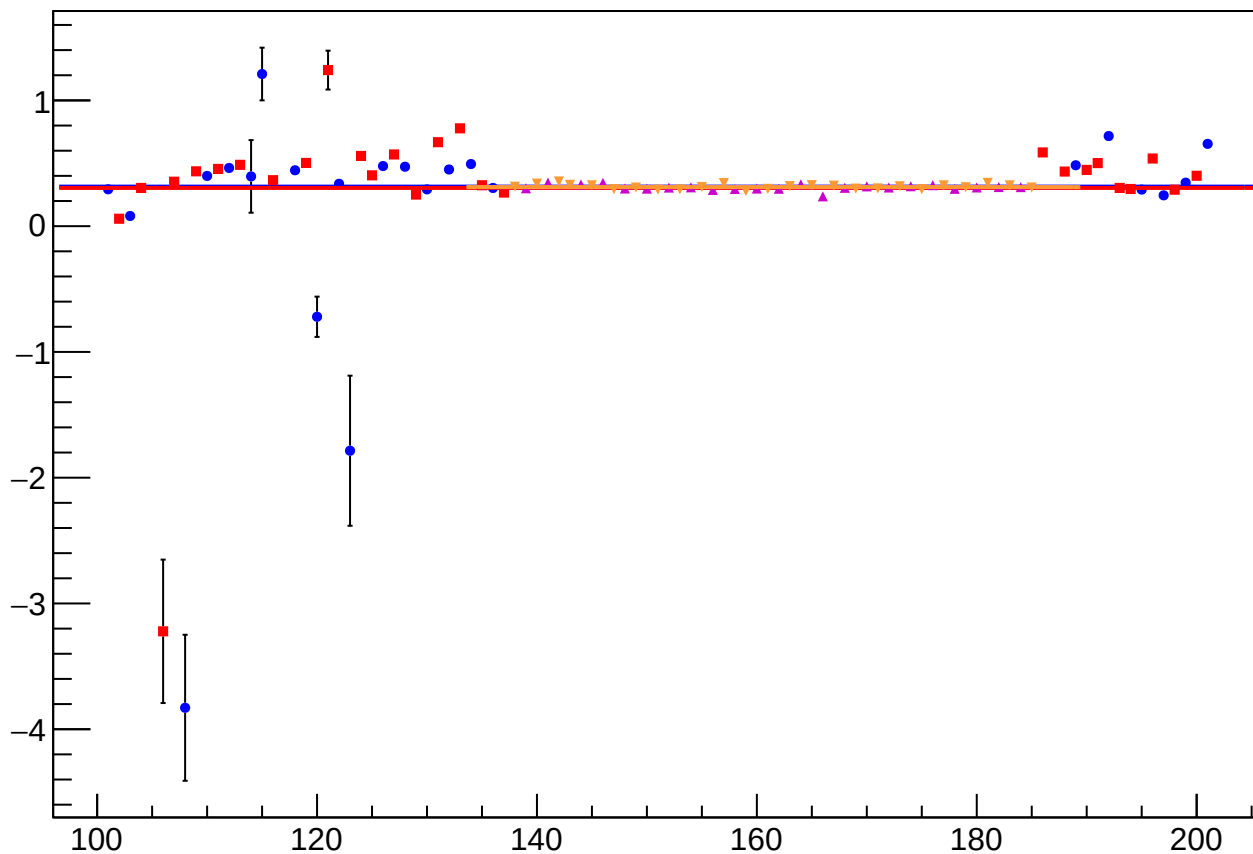
Left In: -16.625 ± 0.015 $\chi^2/\text{NDF}: 6289.5/22$

+ sign -7.899 ± 0.000 $\chi^2/\text{NDF}: 423088.5/47$

All: -7.899 ± 0.000 $\chi^2/\text{NDF}: 886381.4/97$

- sign -14.312 ± 0.011 $\chi^2/\text{NDF}: 95318.2/49$

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 $\pm$ 0.001 χ^2 /NDF: 3684.5/22

Left Out: 0.311 $\pm$ 0.000 χ^2 /NDF: 4975.7/24

Right Out: 0.304 $\pm$ 0.001 χ^2 /NDF: 7606.1/26

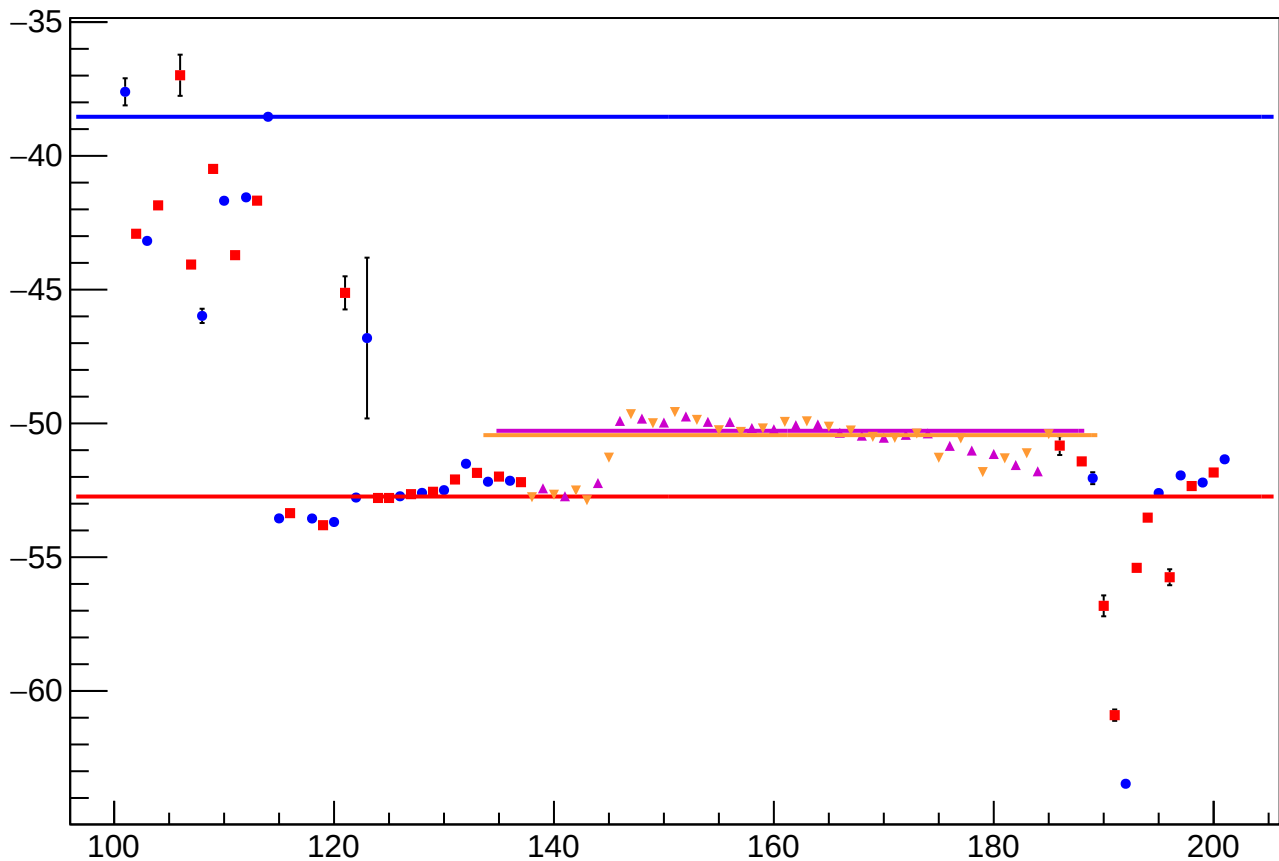
Left In: 0.310 $\pm$ 0.000 χ^2 /NDF: 3074.6/22

+ sign 0.311 $\pm$ 0.000 χ^2 /NDF: 8675.0/47

All: 0.310 $\pm$ 0.000 χ^2 /NDF: 19422.9/97

- sign 0.310 $\pm$ 0.000 χ^2 /NDF: 10726.6/49

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 15219313.3/22

Left Out: -50.438 ± 0.001 χ^2/NDF : 299897.3/24

Right Out: -52.733 ± 0.002 χ^2/NDF : 84995.5/26

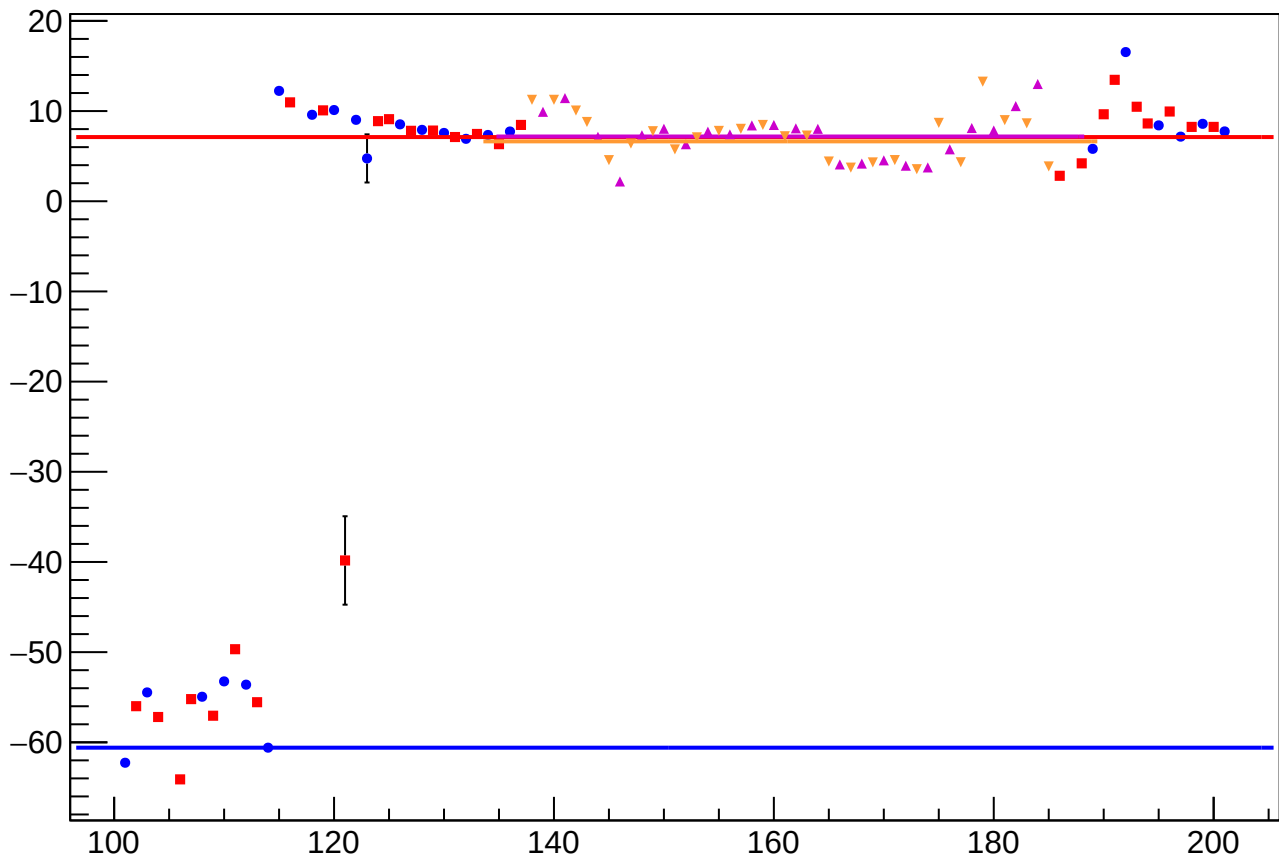
Left In: -50.276 ± 0.001 χ^2/NDF : 190236.3/22

+ sign -38.539 ± 0.000 χ^2/NDF : 91098539.7/47

All: -38.539 ± 0.000 χ^2/NDF : 236880181.0/9

- sign -51.035 ± 0.001 χ^2/NDF : 1466577.6/49

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 $\chi^2/\text{NDF}: 32626339.2/22$

Left Out: 6.641 ± 0.004 $\chi^2/\text{NDF}: 340462.4/24$

Right Out: 7.117 ± 0.010 $\chi^2/\text{NDF}: 1165982.8/26$

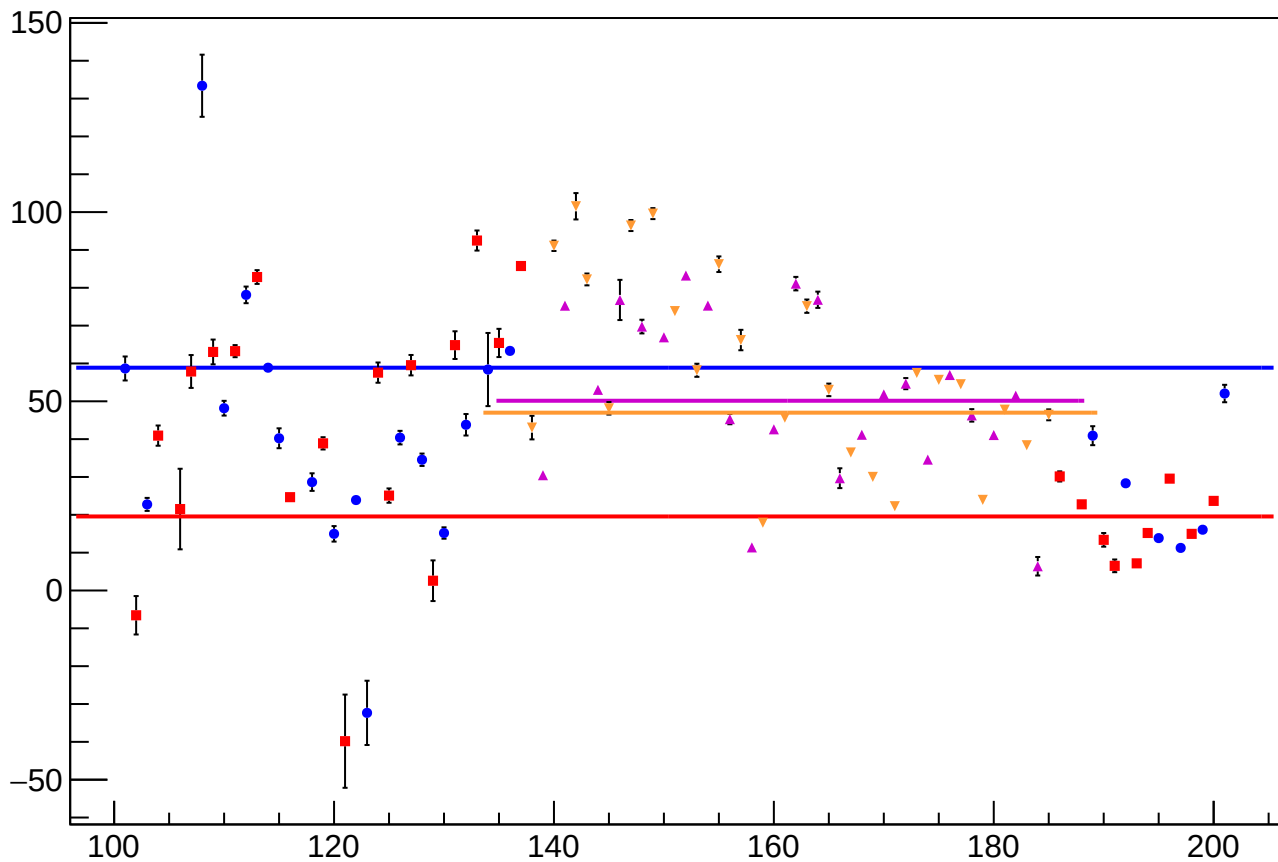
Left In: 7.179 ± 0.003 $\chi^2/\text{NDF}: 214127.6/22$

+ sign -60.594 ± 0.000 $\chi^2/\text{NDF}: 367031929.7/47$

All: -60.594 ± 0.000 $\chi^2/\text{NDF}: 801073490.3/9$

- sign 7.172 ± 0.003 $\chi^2/\text{NDF}: 1380146.7/49$

dit_sam2_4aX_slope vs Slug



Right In: 58.880 ± 0.000 χ^2/NDF : 30590.3/22

Left Out: 46.995 ± 0.215 χ^2/NDF : 9203.7/24

Right Out: 19.567 ± 0.152 χ^2/NDF : 10831.1/26

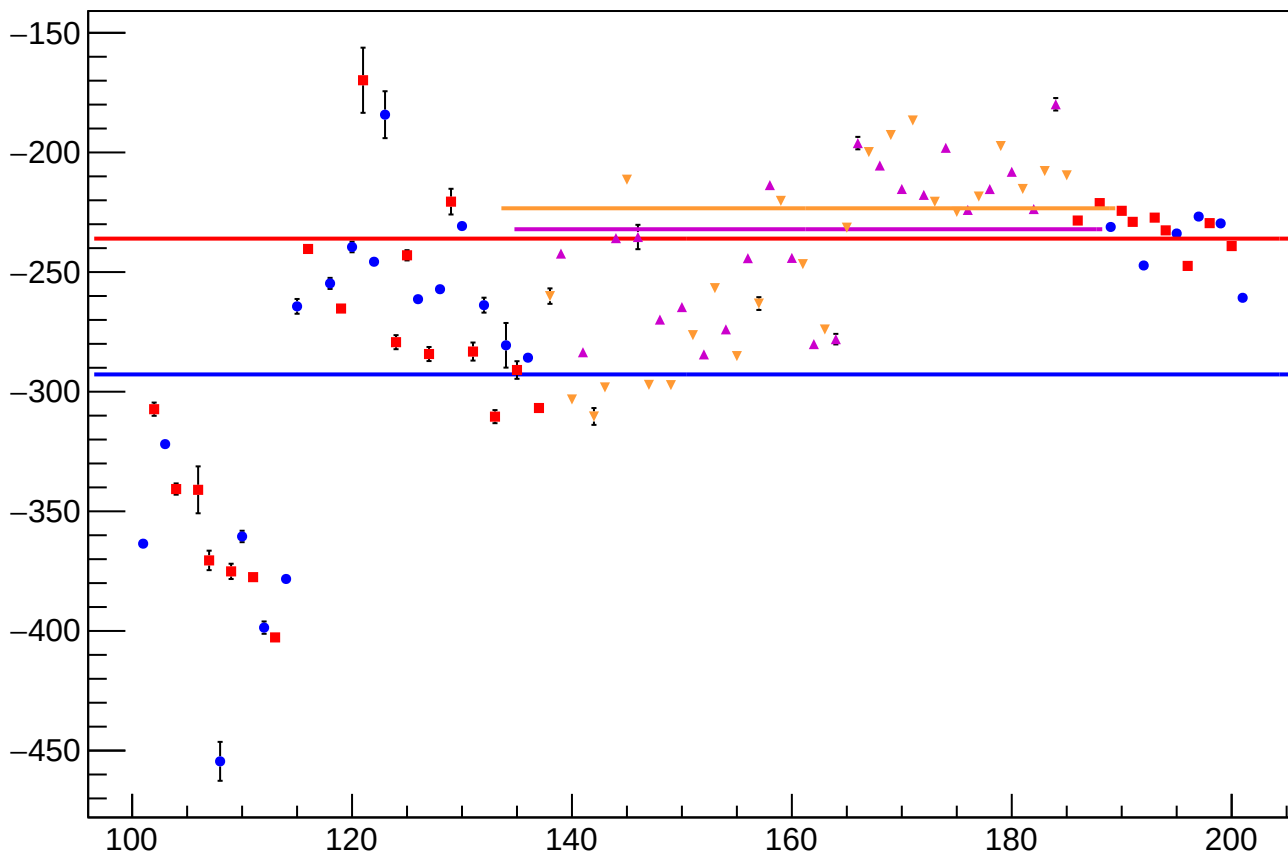
Left In: 50.144 ± 0.212 χ^2/NDF : 6667.7/22

+ sign 58.880 ± 0.000 χ^2/NDF : 42850.6/47

All: 58.880 ± 0.000 χ^2/NDF : 129233.1/97

- sign 29.951 ± 0.123 χ^2/NDF : 31300.1/49

dit_sam2_4eX_slope vs Slug



Right In: -292.780 ± 0.174 $\chi^2/\text{NDF}: 156438.6/22$

Left Out: -223.342 ± 0.215 $\chi^2/\text{NDF}: 22293.9/24$

Right Out: -236.016 ± 0.137 $\chi^2/\text{NDF}: 28562.5/26$

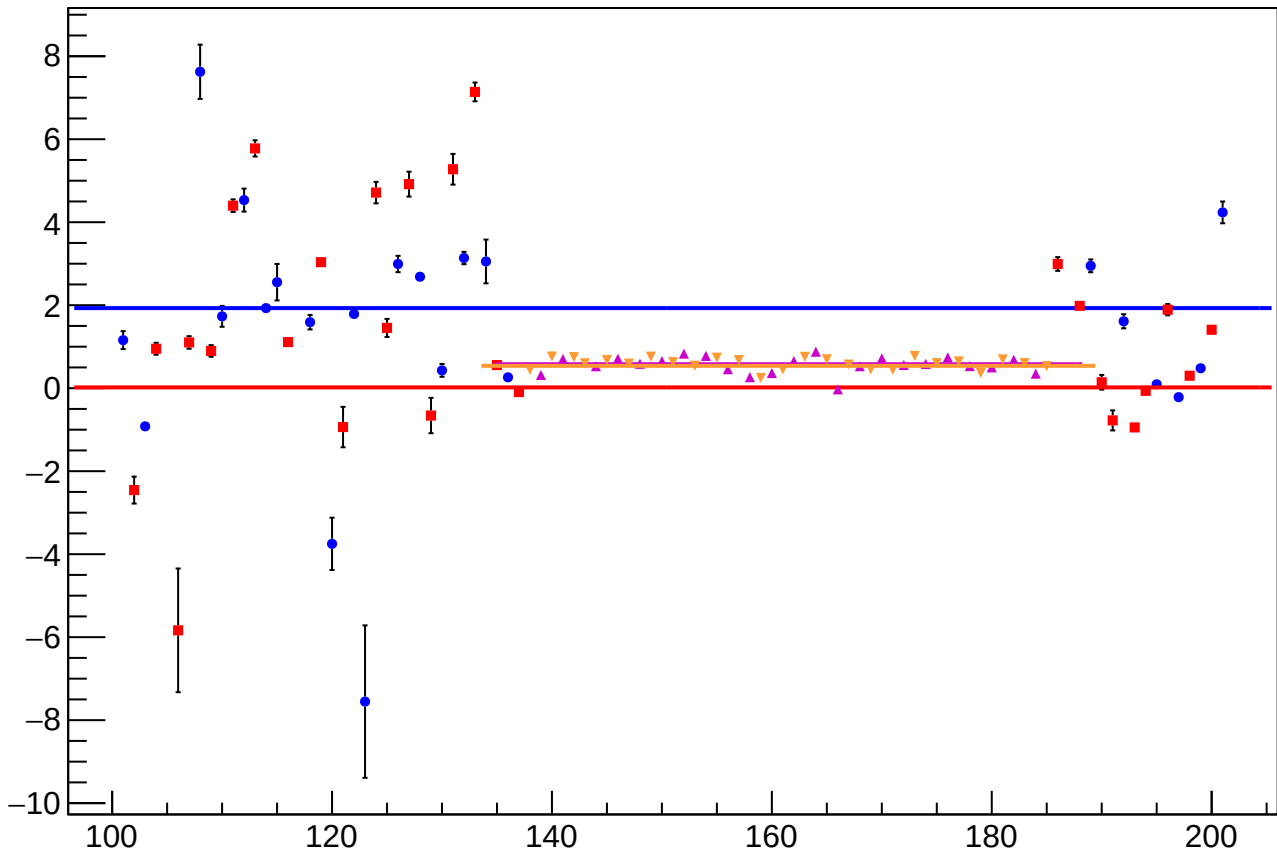
Left In: -232.094 ± 0.217 $\chi^2/\text{NDF}: 17468.1/22$

+ sign -265.292 ± 0.136 $\chi^2/\text{NDF}: 241497.3/47$

All: -247.741 ± 0.088 $\chi^2/\text{NDF}: 316792.6/97$

- sign -234.901 ± 0.116 $\chi^2/\text{NDF}: 46263.4/49$

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 64306.2/22

Left Out: 0.539 ± 0.002 χ^2/NDF : 10792.6/24

Right Out: 0.019 ± 0.004 χ^2/NDF : 11537.9/26

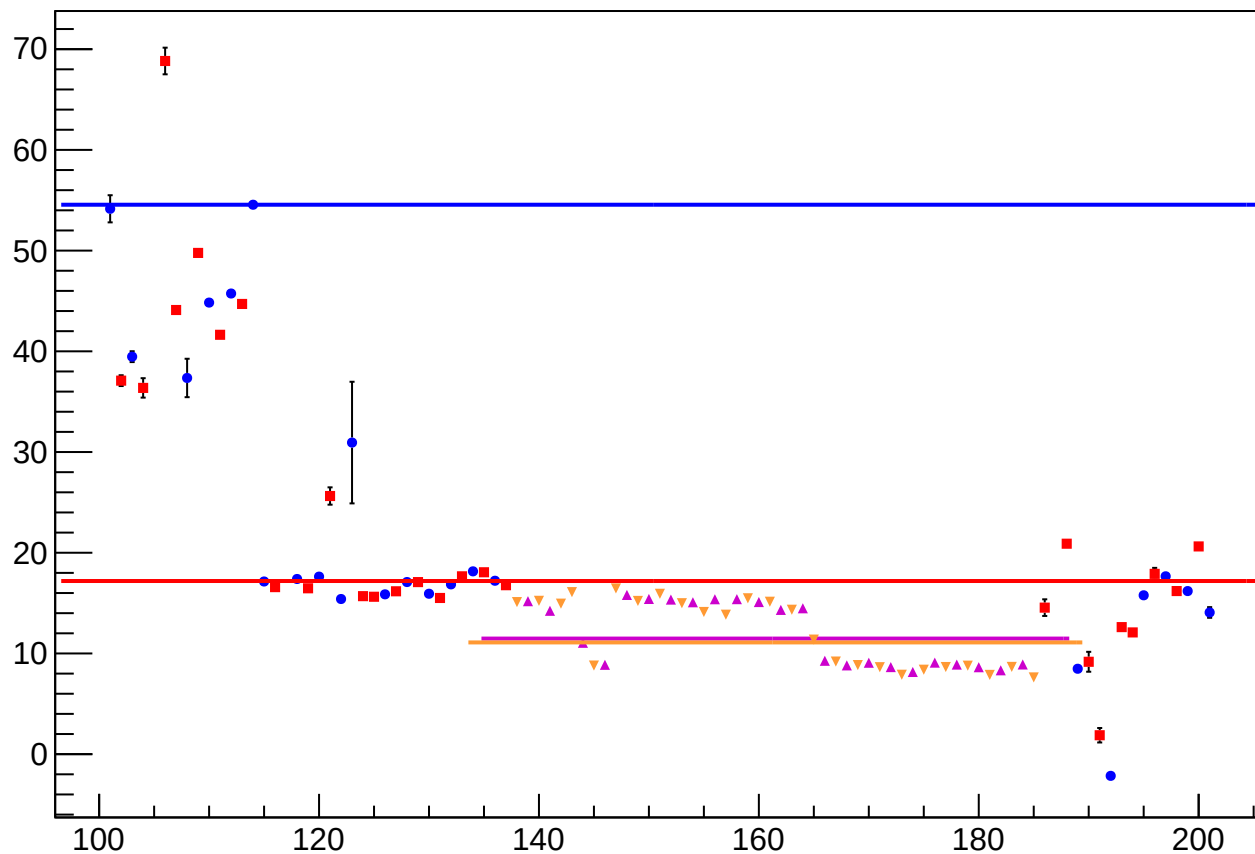
Left In: 0.577 ± 0.001 χ^2/NDF : 15533.6/22

+ sign 1.930 ± 0.000 χ^2/NDF : 766382.7/47

All: 1.930 ± 0.000 χ^2/NDF : 1860983.7/97

- sign 0.520 ± 0.001 χ^2/NDF : 42267.5/49

dit_sam2_4aY_slope vs Slug



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 9963938.7/22

Left Out: 11.095 $\pm$ 0.005 χ^2 /NDF: 381518.3/24

Right Out: 17.193 $\pm$ 0.018 χ^2 /NDF: 62660.2/26

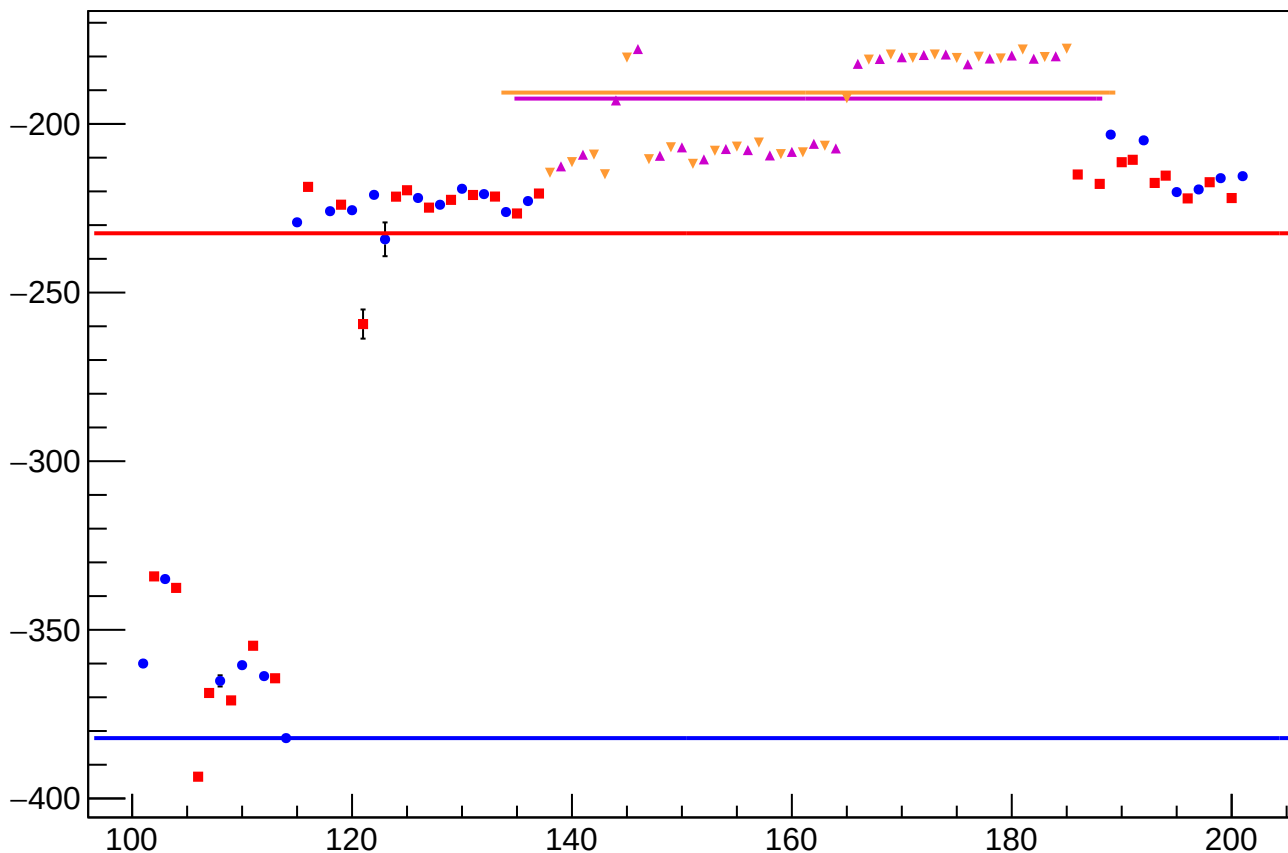
Left In: 11.477 $\pm$ 0.005 χ^2 /NDF: 381285.2/22

+ sign 54.556 $\pm$ 0.000 χ^2 /NDF: 76170737.4/47

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 148870979.8/97

- sign 11.922 $\pm$ 0.005 χ^2 /NDF: 536998.8/49

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 χ^2/NDF : 19831038.5/22

Left Out: -190.703 ± 0.011 χ^2/NDF : 1602184.8/24

Right Out: -232.421 ± 0.046 χ^2/NDF : 660217.0/26

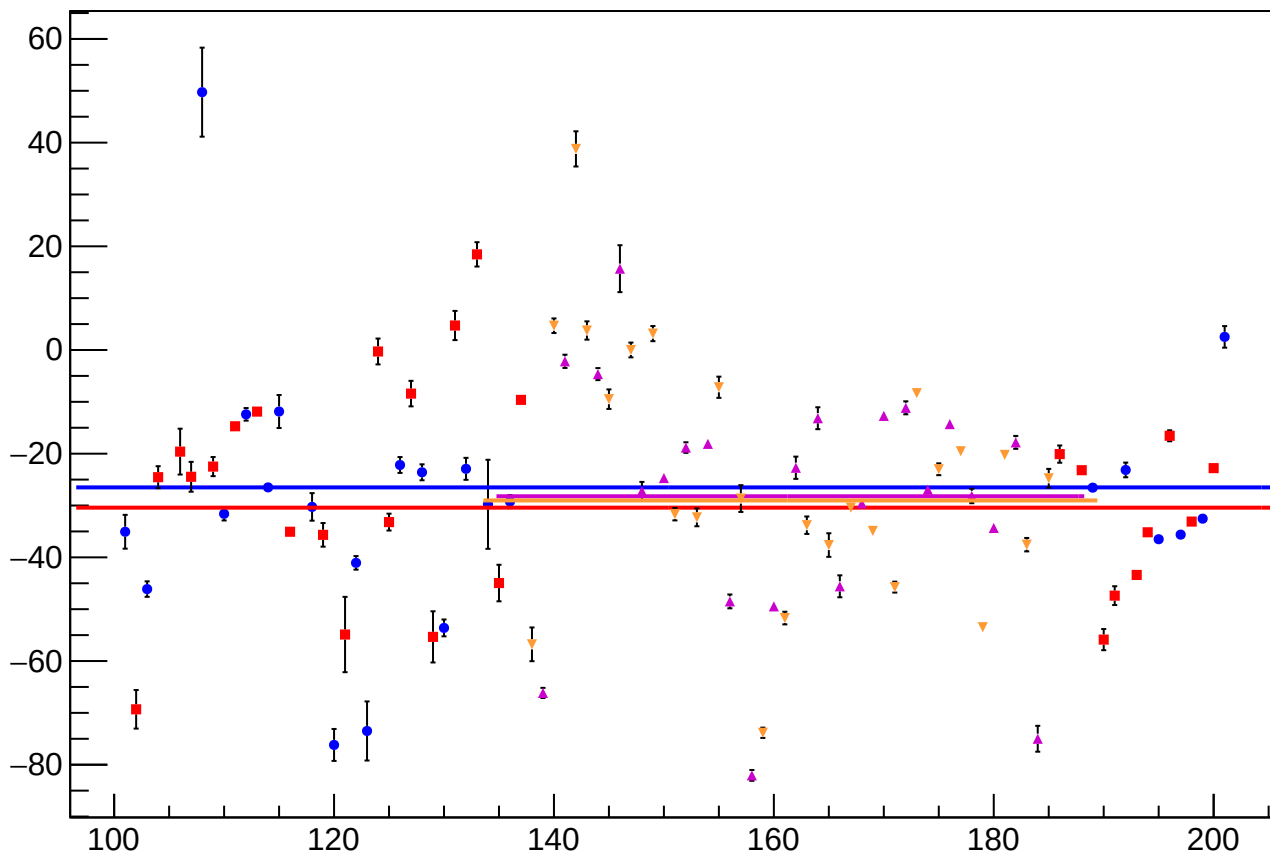
Left In: -192.488 ± 0.011 χ^2/NDF : 1500910.9/22

+ sign -382.108 ± 0.000 χ^2/NDF : 315769868.8/47

All: -382.108 ± 0.000 χ^2/NDF : 605863652.4/47

- sign -194.842 ± 0.011 χ^2/NDF : 2885757.5/49

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 2060.6/22

Left Out: -29.022 ± 0.235 χ^2/NDF : 7110.5/24

Right Out: -30.412 ± 0.160 χ^2/NDF : 4739.5/26

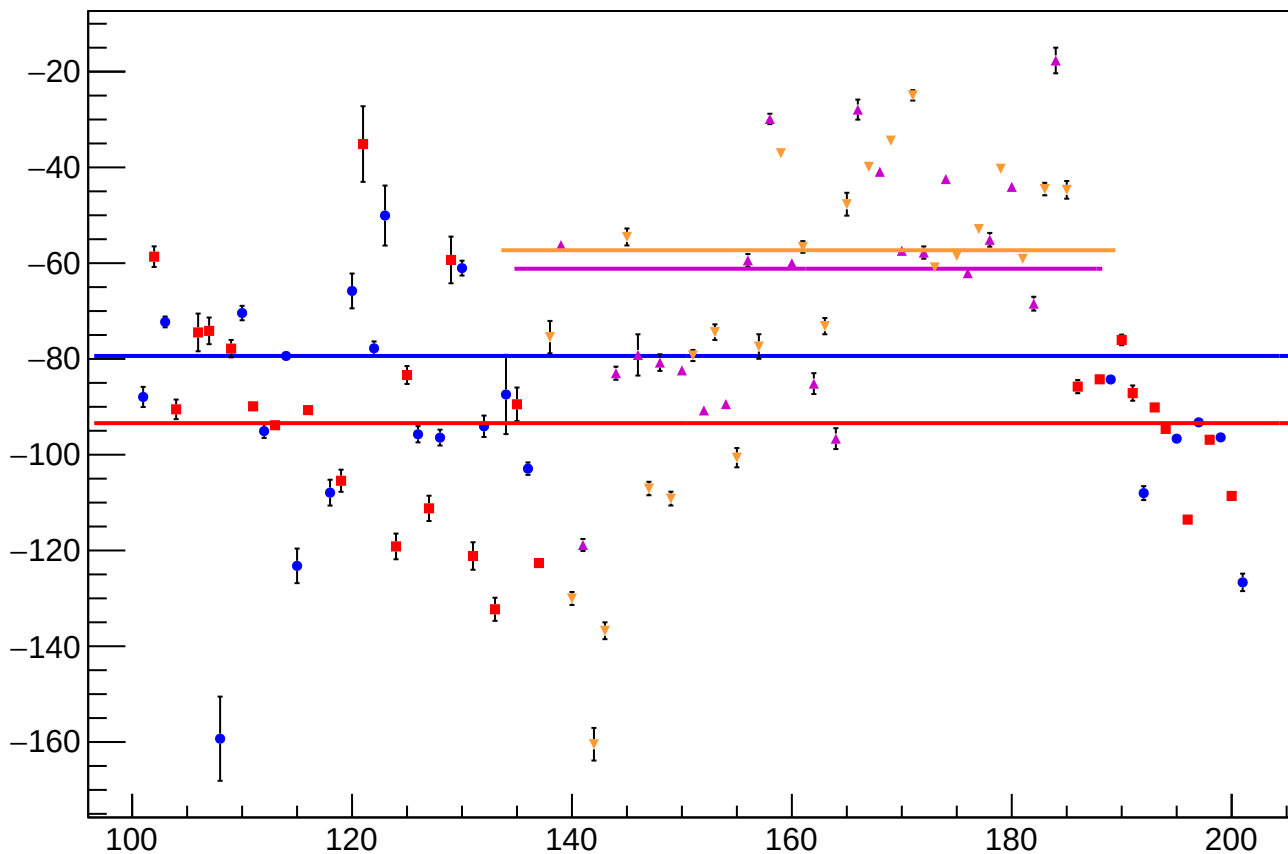
Left In: -28.215 ± 0.215 χ^2/NDF : 7786.5/22

+ sign -26.504 ± 0.000 χ^2/NDF : 9286.2/47

All: -26.504 ± 0.000 χ^2/NDF : 22474.3/97

- sign -29.628 ± 0.128 χ^2/NDF : 12593.4/49

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 5394.7/22

Left Out: -57.300 ± 0.229 χ^2/NDF : 13067.7/24

Right Out: -93.412 ± 0.137 χ^2/NDF : 4167.7/26

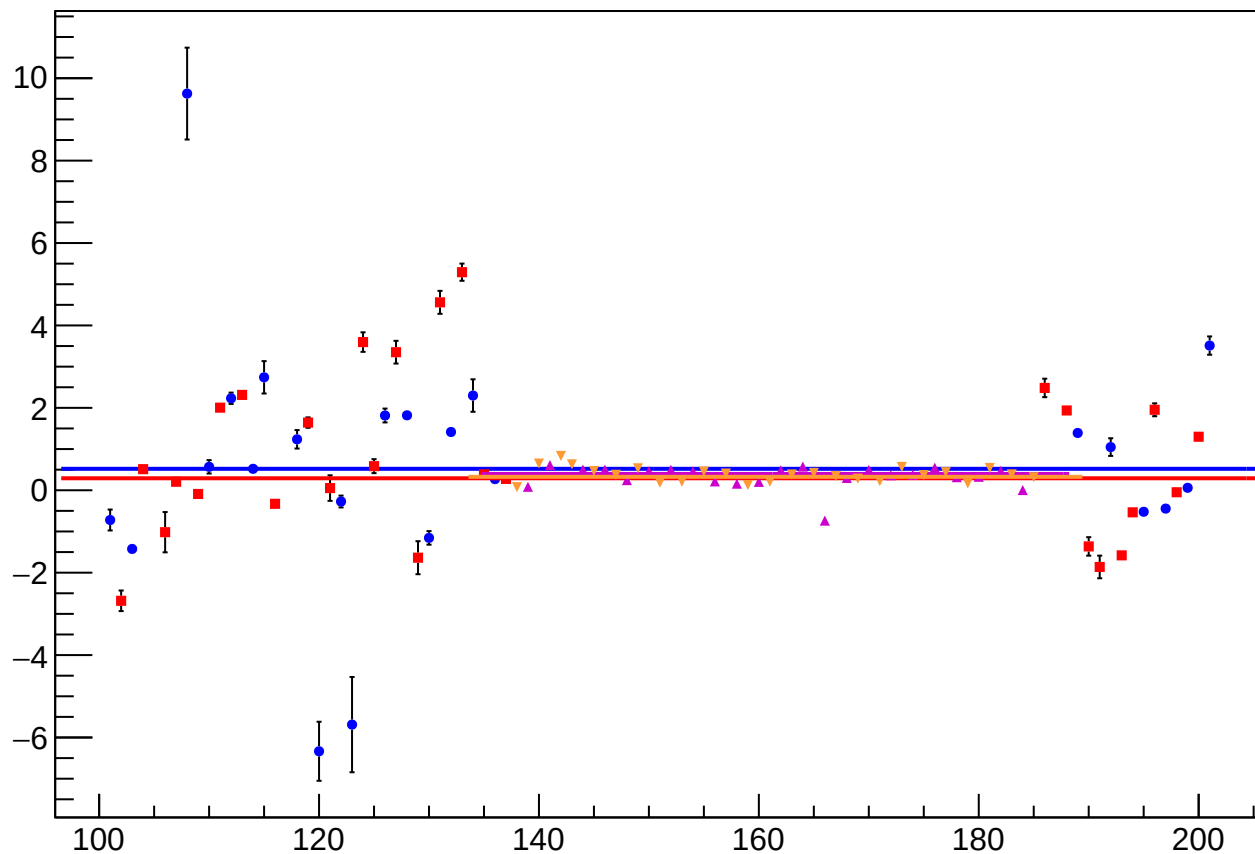
Left In: -61.164 ± 0.218 χ^2/NDF : 8941.7/22

+ sign -79.376 ± 0.000 χ^2/NDF : 27740.1/47

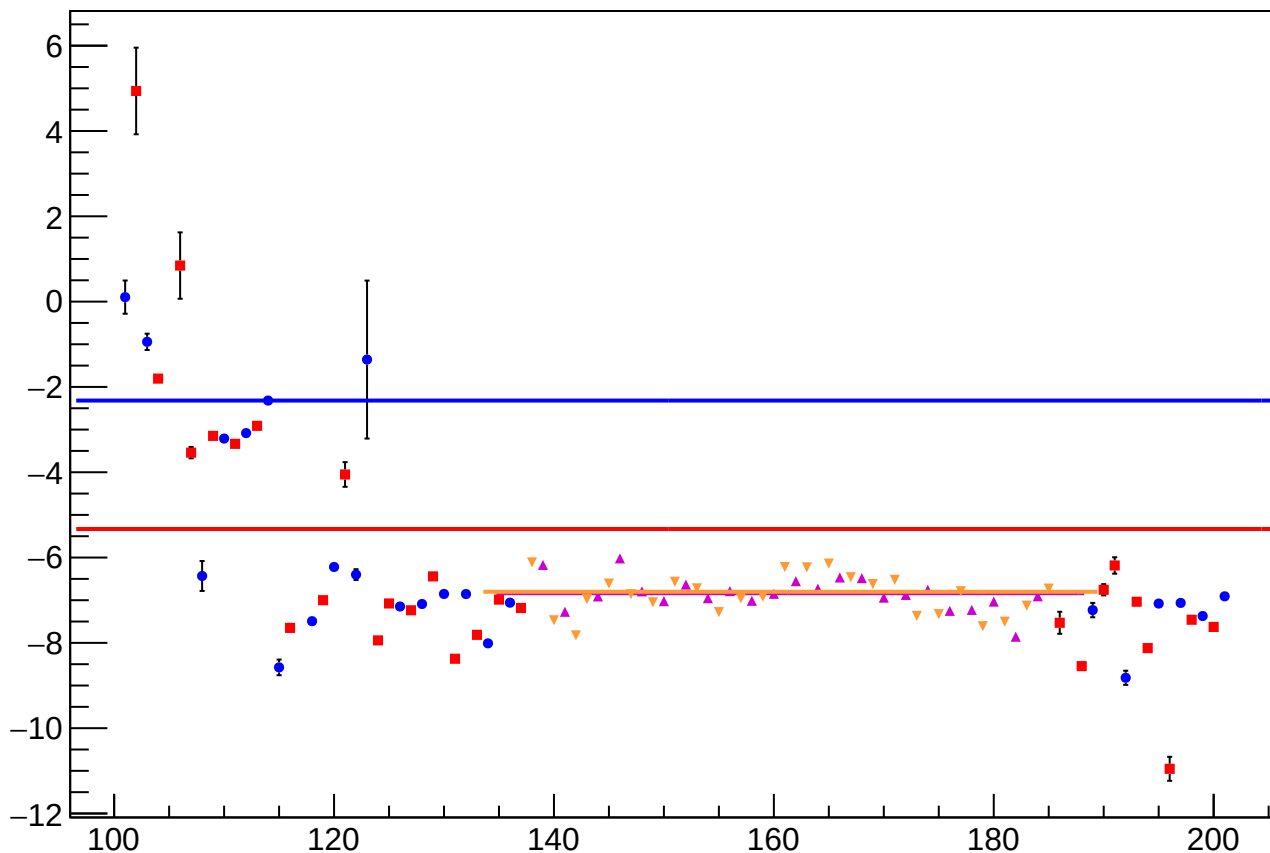
All: -79.376 ± 0.000 χ^2/NDF : 58326.7/97

- sign -84.242 ± 0.116 χ^2/NDF : 28828.4/49

dit_sam3_11X12X_slope vs Slug



dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 299218.1/22$

Left Out: -6.802 ± 0.002 $\chi^2/\text{NDF}: 14918.8/24$

Right Out: -5.331 ± 0.009 $\chi^2/\text{NDF}: 58025.1/26$

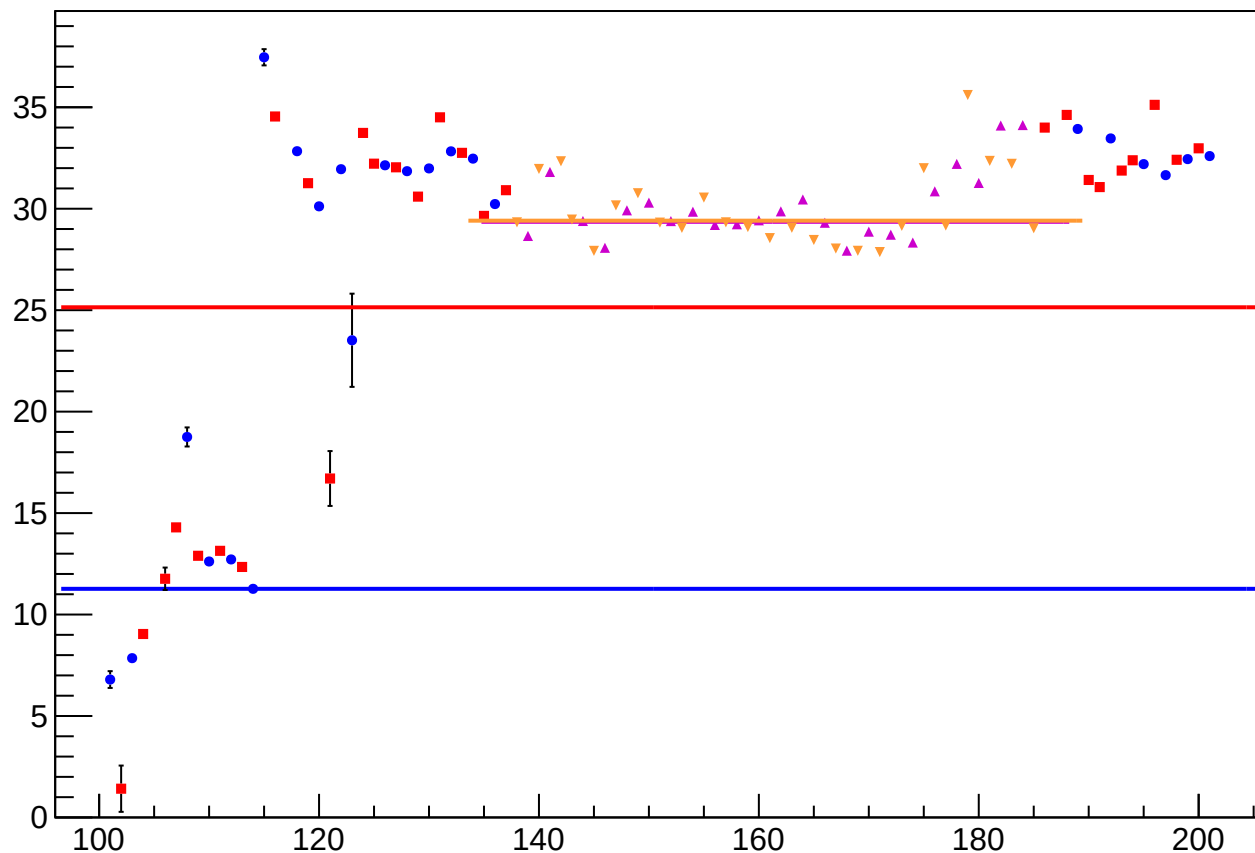
Left In: -6.836 ± 0.002 $\chi^2/\text{NDF}: 9245.1/22$

+ sign -2.320 ± 0.000 $\chi^2/\text{NDF}: 3562043.9/47$

All: -2.320 ± 0.000 $\chi^2/\text{NDF}: 7244575.9/97$

- sign -6.743 ± 0.002 $\chi^2/\text{NDF}: 91451.5/49$

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 1564646.1/22

Left Out: 29.411 $\pm$ 0.008 χ^2 /NDF: 44374.5/24

Right Out: 25.142 $\pm$ 0.014 χ^2 /NDF: 464147.2/26

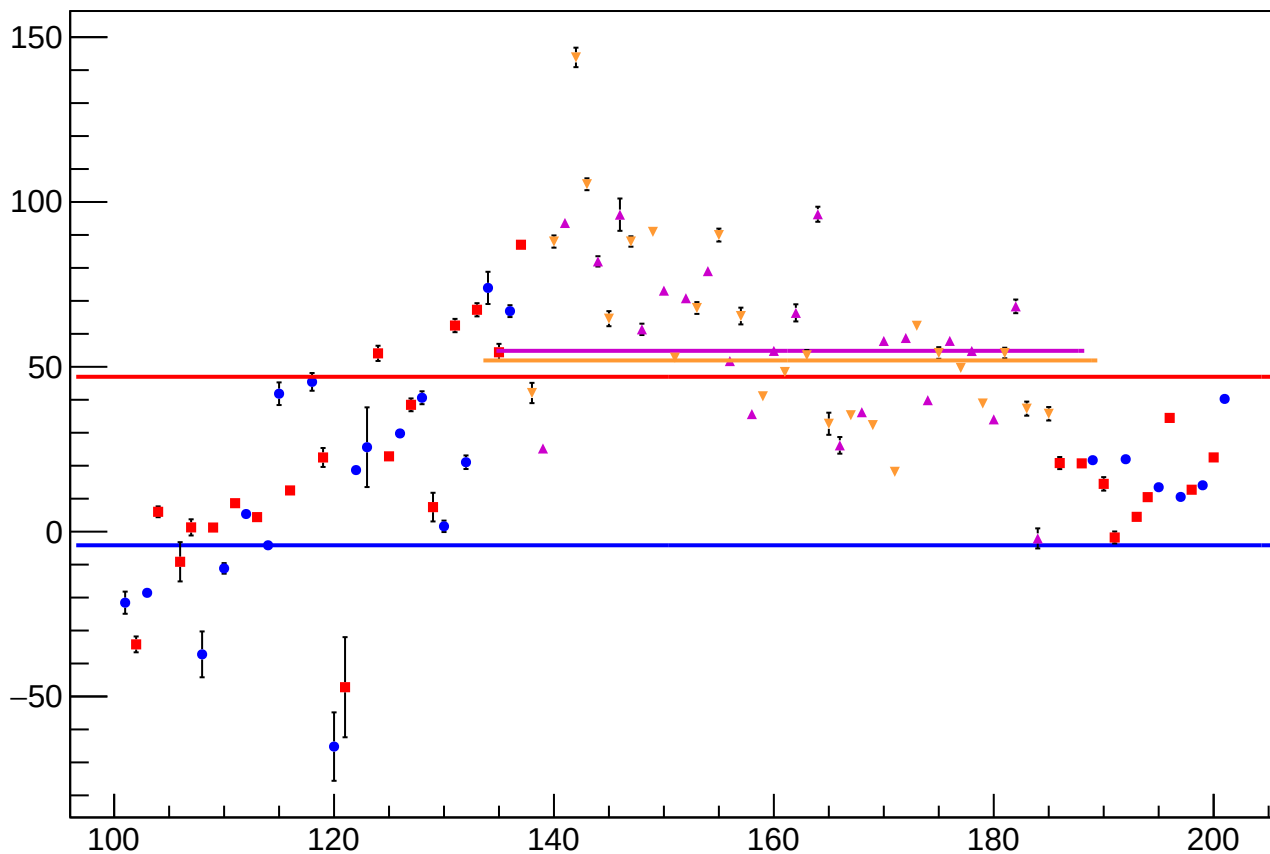
Left In: 29.354 $\pm$ 0.008 χ^2 /NDF: 14741.7/22

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 6524271.1/47

All: 11.268 $\pm$ 0.000 χ^2 /NDF: 13194596.7/97

- sign 28.383 $\pm$ 0.007 χ^2 /NDF: 544635.0/49

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 8922.2/22

Left Out: 51.931 ± 0.276 χ^2/NDF : 6225.4/24

Right Out: 46.977 ± 0.150 χ^2/NDF : 62219.2/26

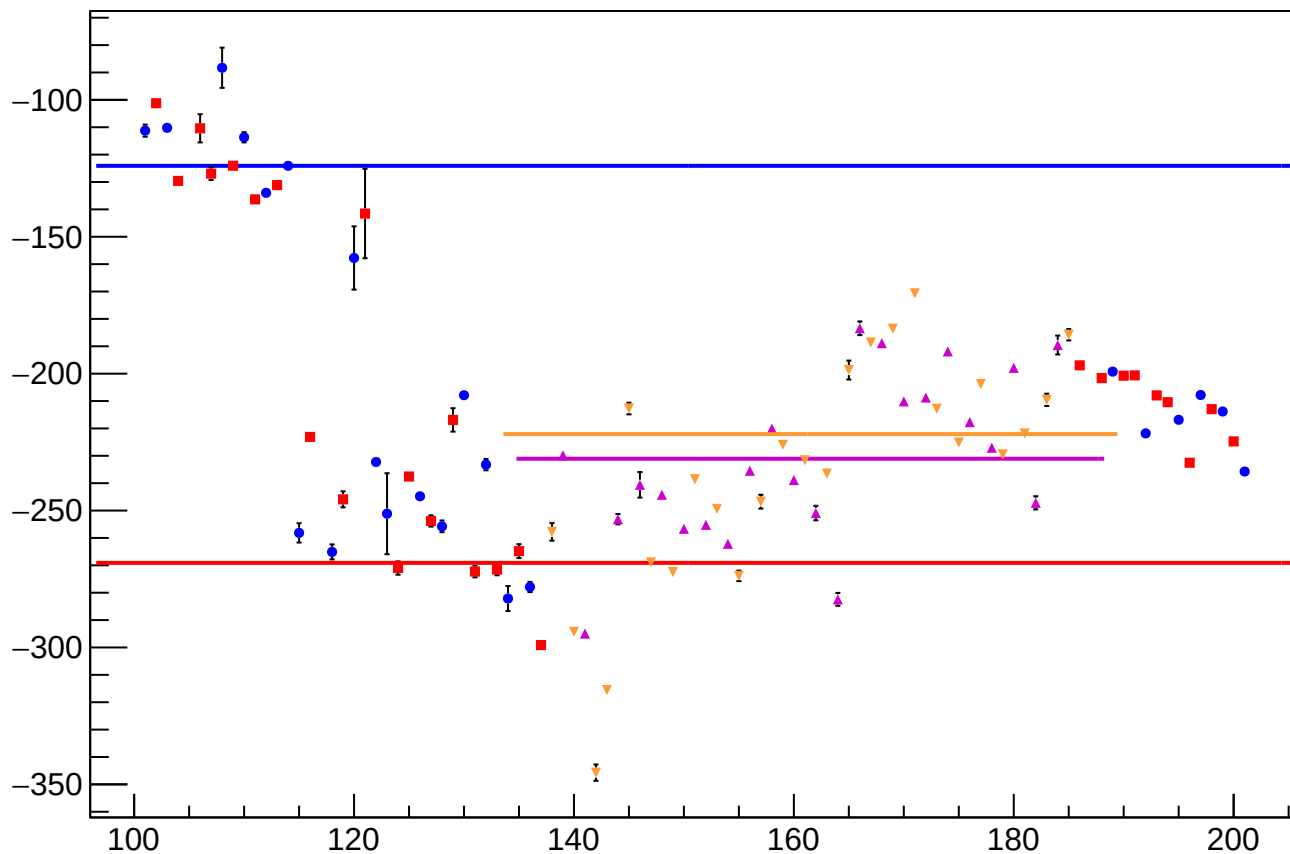
Left In: 54.849 ± 0.247 χ^2/NDF : 6325.8/22

+ sign -4.139 ± 0.000 χ^2/NDF : 56553.6/47

All: -4.139 ± 0.000 χ^2/NDF : 298329.5/97

- sign 49.094 ± 0.128 χ^2/NDF : 69286.5/49

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 χ^2/NDF : 135069.4/22

Left Out: -222.063 ± 0.272 χ^2/NDF : 15812.2/24

Right Out: -269.099 ± 0.103 χ^2/NDF : 217322.6/26

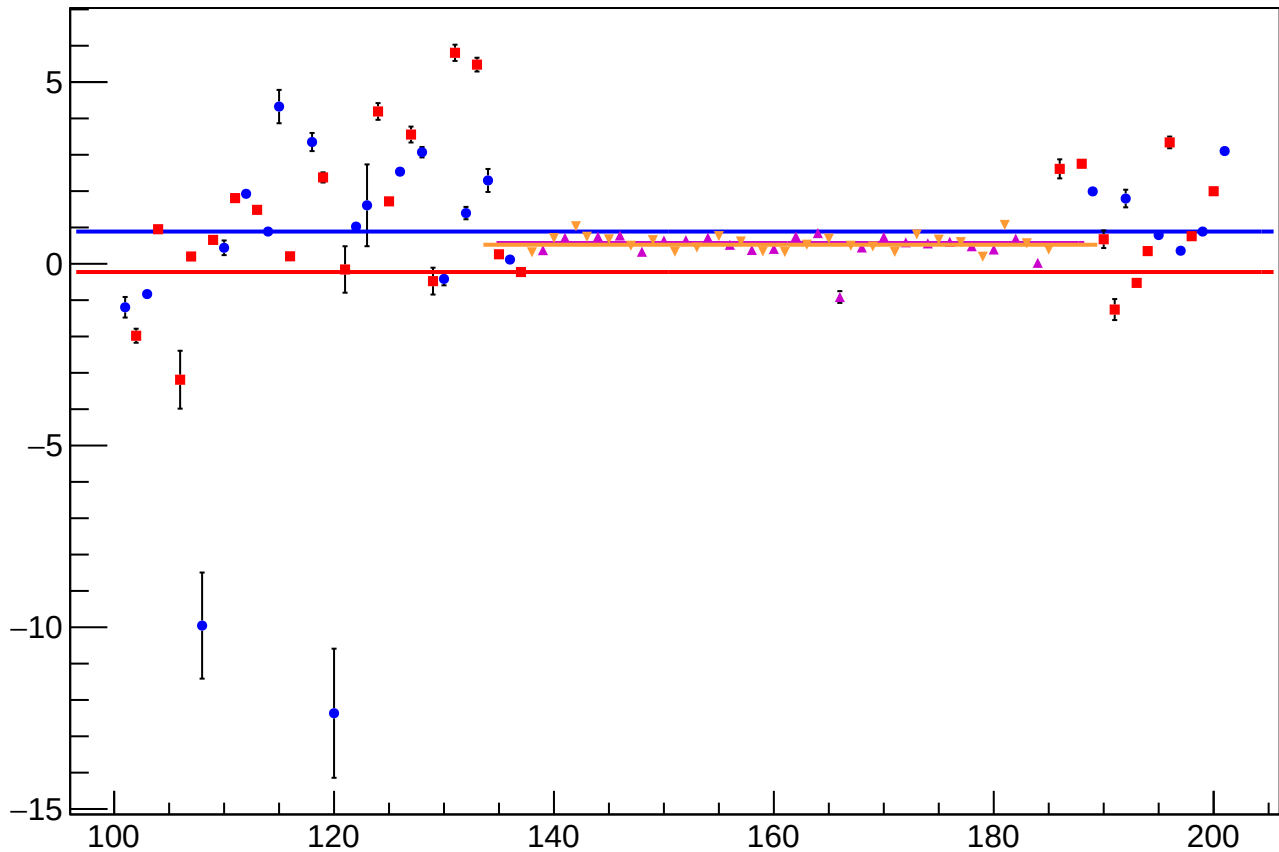
Left In: -231.069 ± 0.249 χ^2/NDF : 12005.6/22

+ sign -124.095 ± 0.000 χ^2/NDF : 280435.9/47

All: -124.095 ± 0.000 χ^2/NDF : 2679053.9/97

- sign -263.569 ± 0.095 χ^2/NDF : 249187.7/49

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 9085.8/22

Left Out: 0.525 ± 0.002 χ^2/NDF : 9207.9/24

Right Out: -0.226 ± 0.000 χ^2/NDF : 7821.7/26

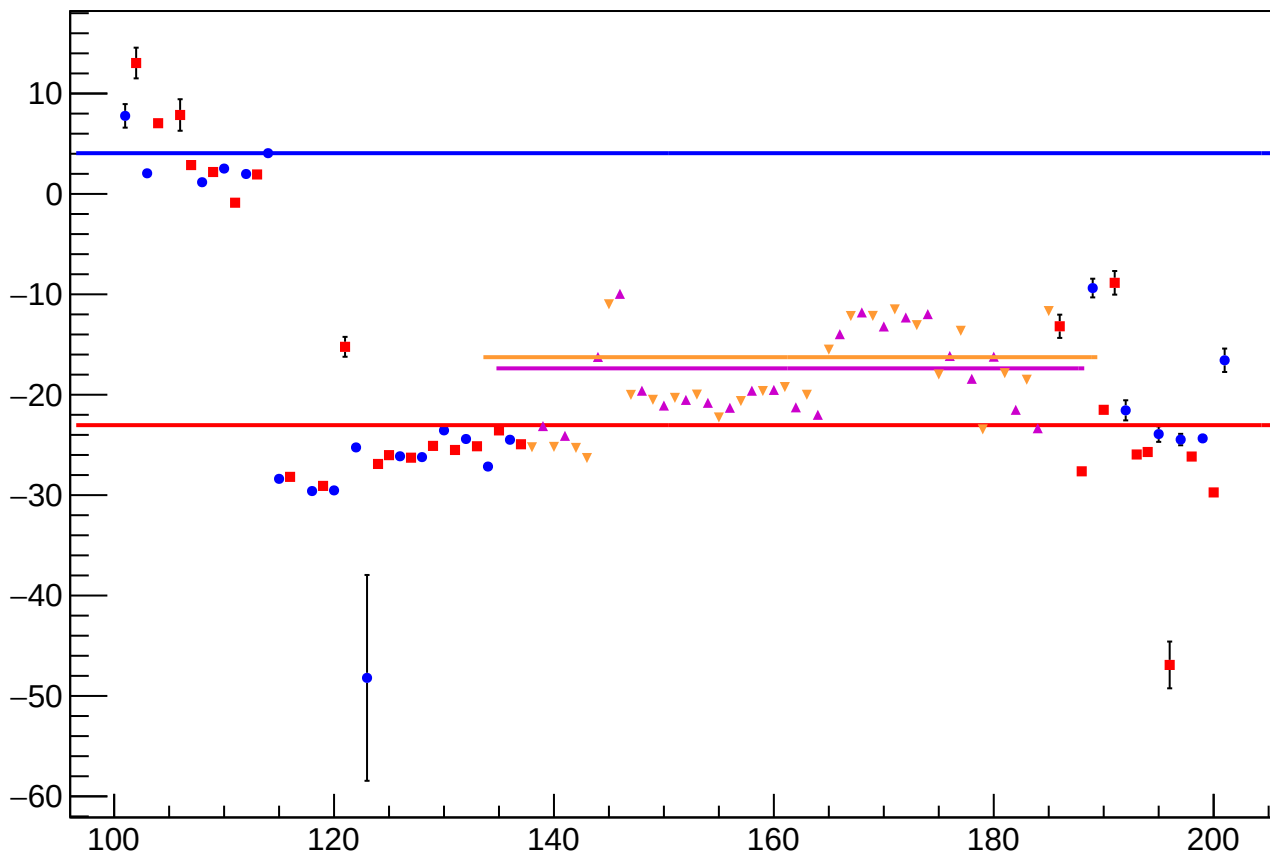
Left In: 0.572 ± 0.002 χ^2/NDF : 5600.2/22

+ sign 0.888 ± 0.000 χ^2/NDF : 50633.1/47

All: 0.888 ± 0.000 χ^2/NDF : 422295173.0/97

- sign -0.225 ± 0.000 χ^2/NDF : 175315.4/49

dit_sam4_4aY_slope vs Slug



Right In: 4.057 ± 0.000 χ^2/NDF : 1256072.5/22

Left Out: -16.260 ± 0.010 χ^2/NDF : 188515.0/24

Right Out: -23.030 ± 0.026 χ^2/NDF : 117293.8/26

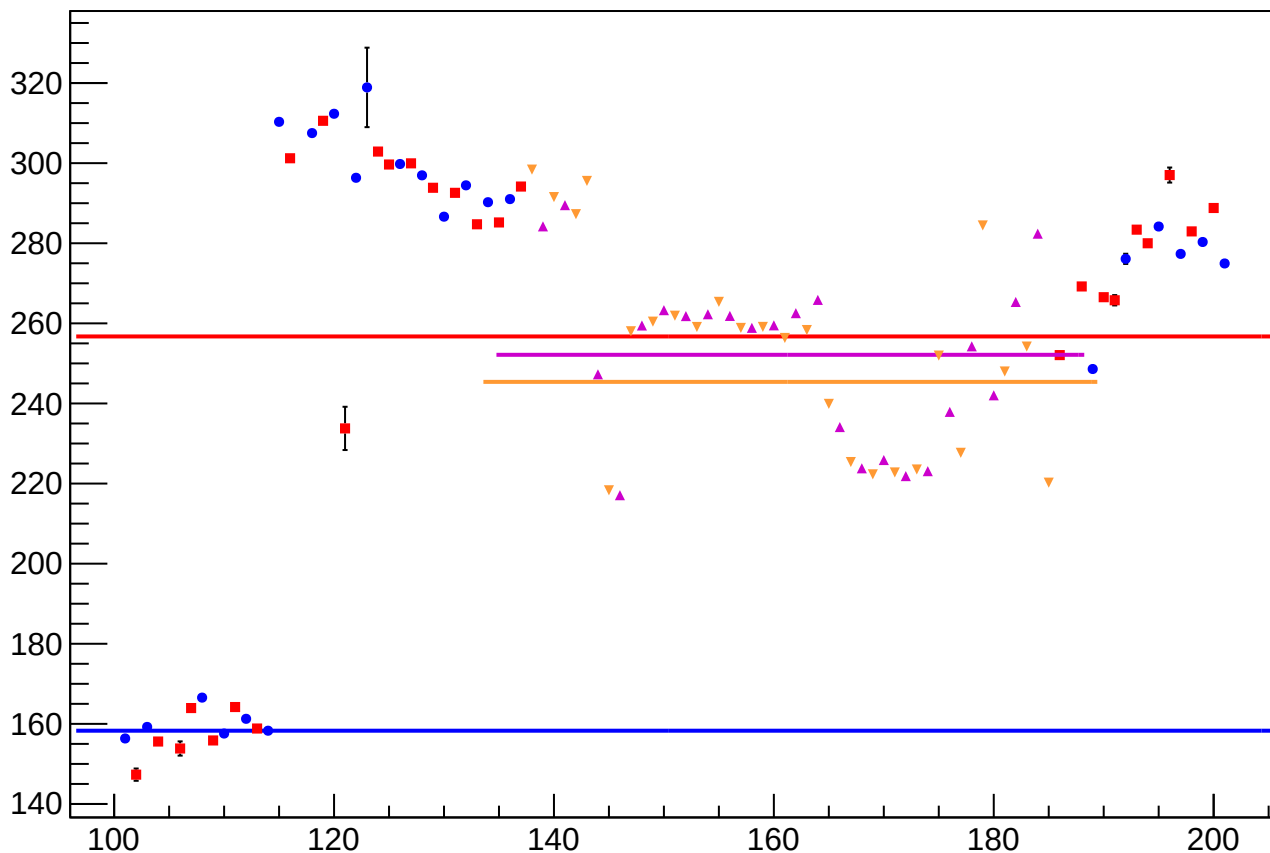
Left In: -17.374 ± 0.009 χ^2/NDF : 169487.5/22

+ sign 4.057 ± 0.000 χ^2/NDF : 5560482.5/47

All: 4.057 ± 0.000 χ^2/NDF : 12171284.6/97

- sign -18.028 ± 0.009 χ^2/NDF : 328959.9/49

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF : 2598292.9/22

Left Out: 245.391+/-0.027 χ^2/NDF : 723564.6/24

Right Out: 256.732+/-0.061 χ^2/NDF : 970013.1/26

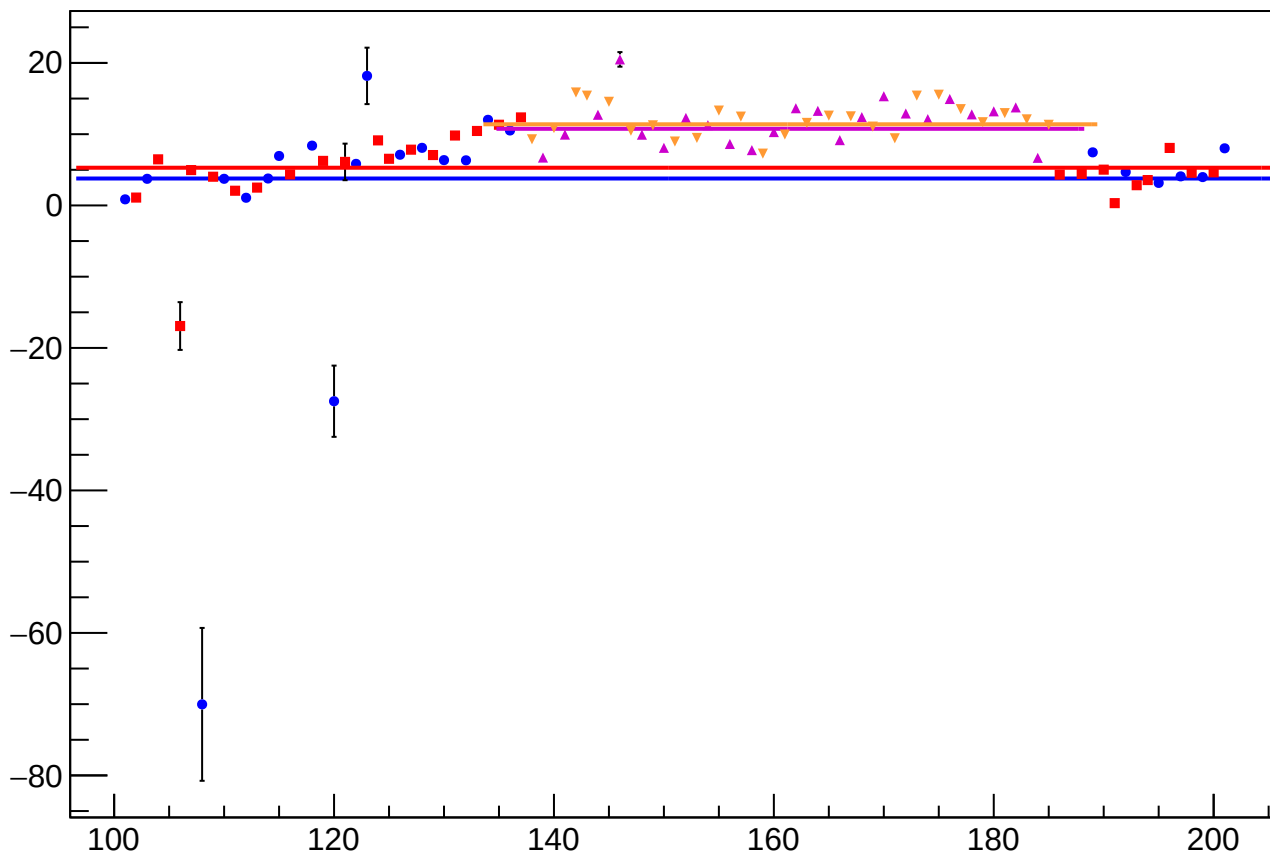
Left In: 252.148+/-0.028 χ^2/NDF : 359416.7/22

+ sign 158.293+/-0.000 χ^2/NDF : 13452457.6/47

All: 158.293+/-0.000 χ^2/NDF : 28366487.4/97

- sign 252.966+/-0.026 χ^2/NDF : 1334099.0/49

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 7433.8/22

Left Out: 11.389 ± 0.030 χ^2/NDF : 4296.1/24

Right Out: 5.291 ± 0.021 χ^2/NDF : 20271.5/26

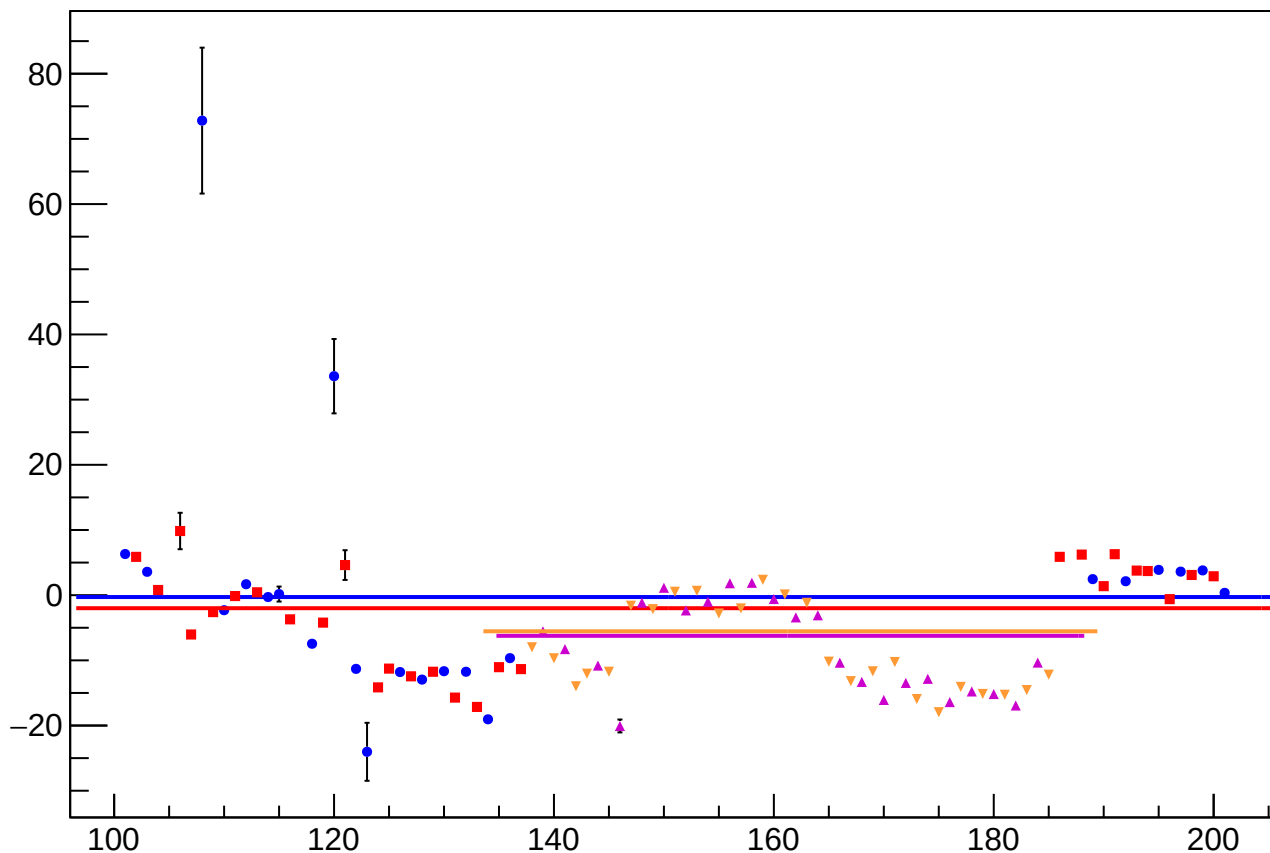
Left In: 10.753 ± 0.028 χ^2/NDF : 9950.6/22

+ sign 3.778 ± 0.000 χ^2/NDF : 75726.0/47

All: 3.778 ± 0.000 χ^2/NDF : 174493.7/97

- sign 7.278 ± 0.017 χ^2/NDF : 54938.0/49

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 50779.9/22

Left Out: -5.539 ± 0.030 χ^2/NDF : 43439.8/24

Right Out: -1.998 ± 0.021 χ^2/NDF : 113759.6/26

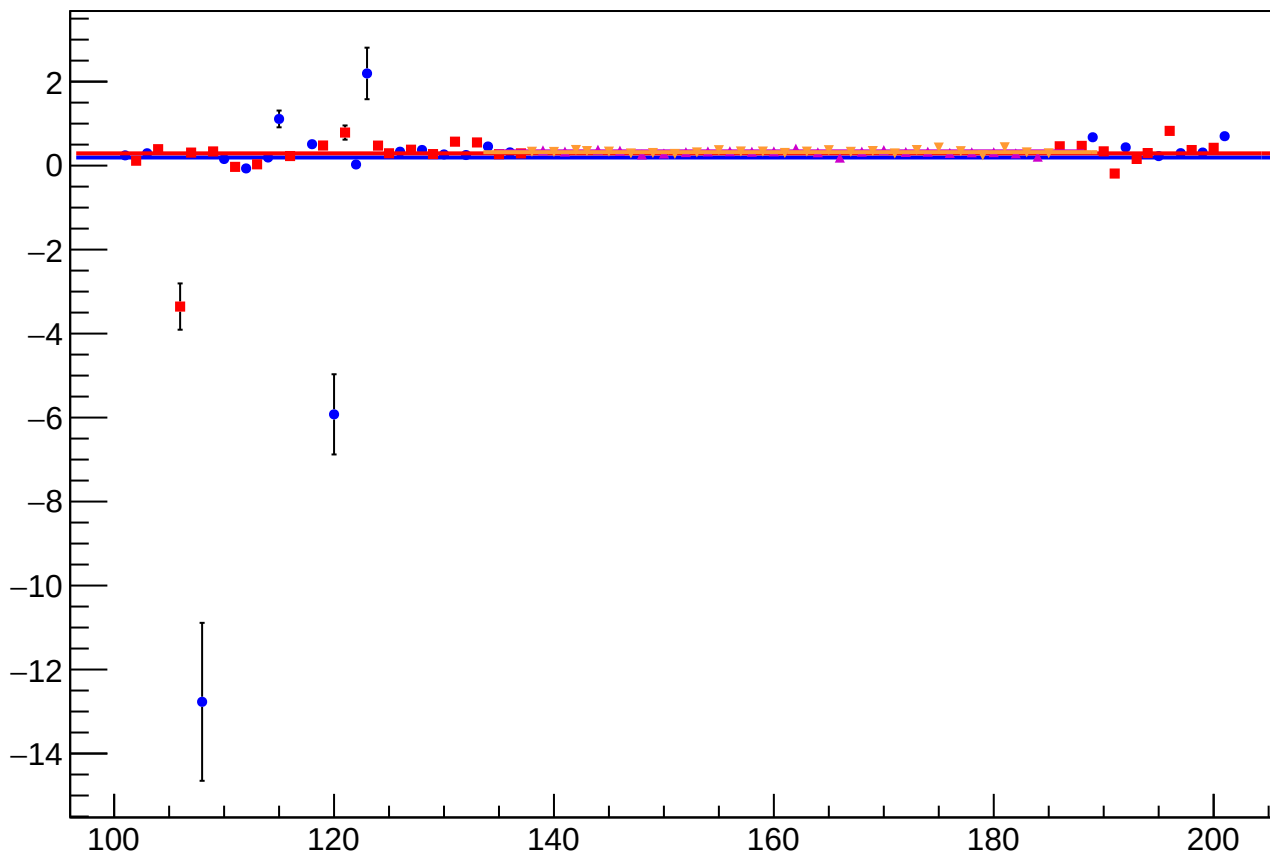
Left In: -6.234 ± 0.028 χ^2/NDF : 57358.9/22

+ sign -0.287 ± 0.000 χ^2/NDF : 124662.2/47

All: -0.287 ± 0.000 χ^2/NDF : 346689.2/97

- sign -3.520 ± 0.017 χ^2/NDF : 185541.3/49

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 11293.1/22

Left Out: 0.320 $\pm$ 0.001 χ^2 /NDF: 3374.4/24

Right Out: 0.292 $\pm$ 0.001 χ^2 /NDF: 7670.2/26

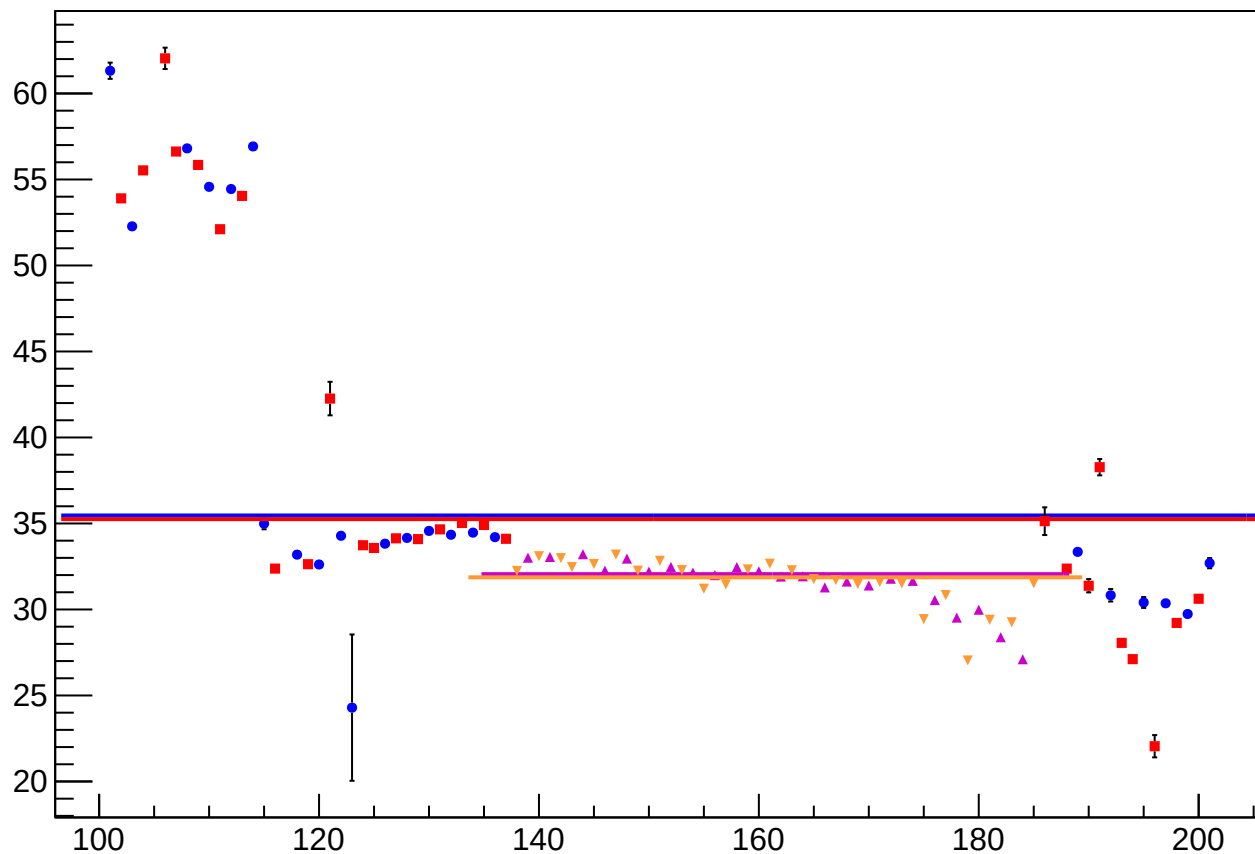
Left In: 0.340 $\pm$ 0.001 χ^2 /NDF: 4171.9/22

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 77884.2/47

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 171370.1/97

- sign 0.334 $\pm$ 0.000 χ^2 /NDF: 12894.0/49

dit_sam5_4aY_slope vs Slug



Right In: 35.464 $\pm$ 0.011 χ^2 /NDF: 227278.2/22

Left Out: 31.869 $\pm$ 0.003 χ^2 /NDF: 61955.3/24

Right Out: 35.254 $\pm$ 0.011 χ^2 /NDF: 278506.3/26

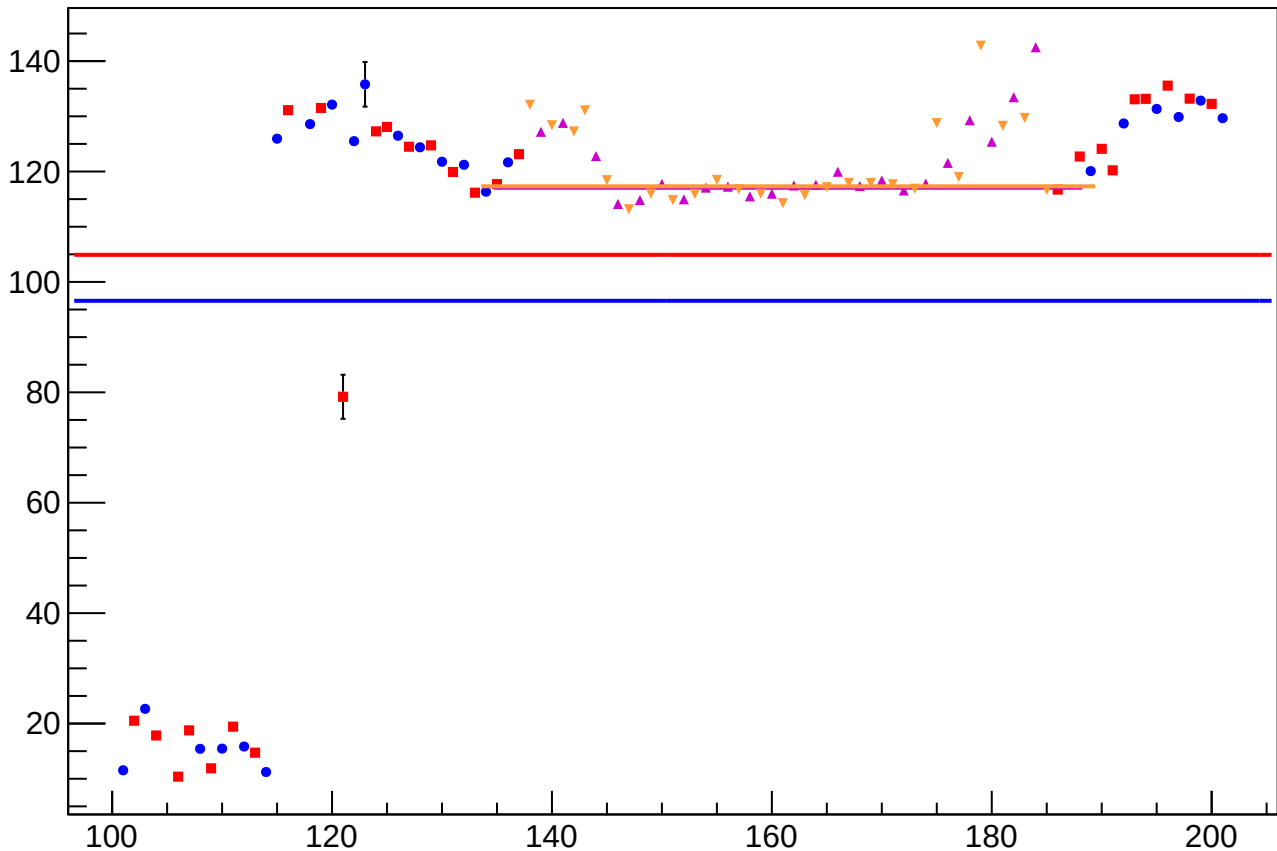
Left In: 32.053 $\pm$ 0.003 χ^2 /NDF: 32470.5/22

+ sign 32.129 $\pm$ 0.003 χ^2 /NDF: 385691.5/47

All: 32.235 $\pm$ 0.002 χ^2 /NDF: 783268.6/97

- sign 32.359 $\pm$ 0.003 χ^2 /NDF: 394875.2/49

dit_sam5_4eY_slope vs Slug



Right In: 96.578 ± 0.028 $\chi^2/\text{NDF}: 2843787.7/22$

Left Out: 117.323 ± 0.008 $\chi^2/\text{NDF}: 172684.3/24$

Right Out: 104.908 ± 0.025 $\chi^2/\text{NDF}: 3429734.3/26$

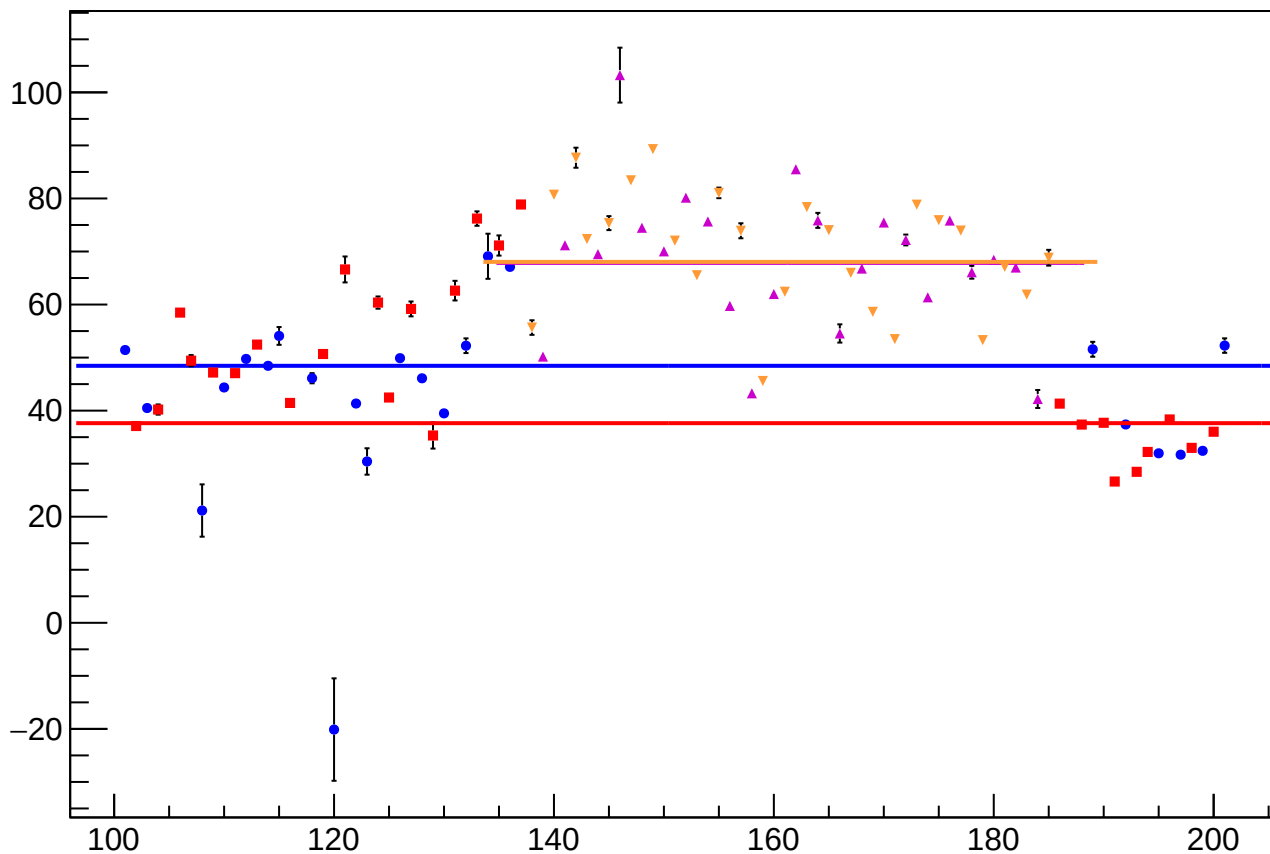
Left In: 117.061 ± 0.009 $\chi^2/\text{NDF}: 62905.3/22$

+ sign 115.821 ± 0.008 $\chi^2/\text{NDF}: 3523019.7/47$

All: 115.759 ± 0.006 $\chi^2/\text{NDF}: 7231333.3/97$

- sign 115.684 ± 0.008 $\chi^2/\text{NDF}: 3708166.0/49$

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF : 13031.6/22

Left Out: 68.044+/-0.132 χ^2/NDF : 6670.6/24

Right Out: 37.639+/-0.080 χ^2/NDF : 14008.4/26

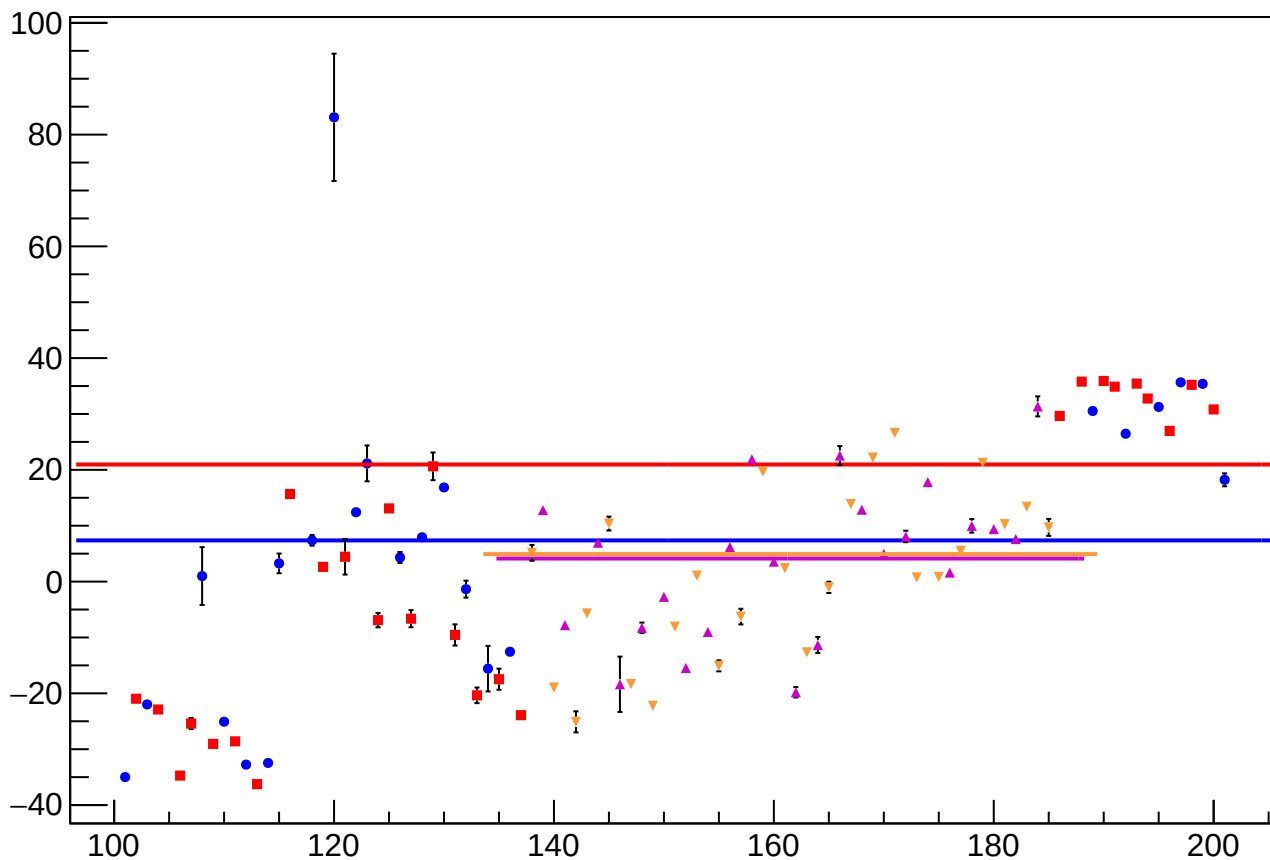
Left In: 67.852+/-0.126 χ^2/NDF : 5519.9/22

+ sign 48.450+/-0.000 χ^2/NDF : 41653.4/47

All: 48.450+/-0.000 χ^2/NDF : 103344.9/97

- sign 46.341+/-0.067 χ^2/NDF : 60713.2/49

dit_sam6_4eX_slope vs Slug



Right In: 7.370 ± 0.104 χ^2/NDF : 73542.5/22

Left Out: 4.920 ± 0.132 χ^2/NDF : 10378.5/24

Right Out: 20.958 ± 0.072 χ^2/NDF : 105354.9/26

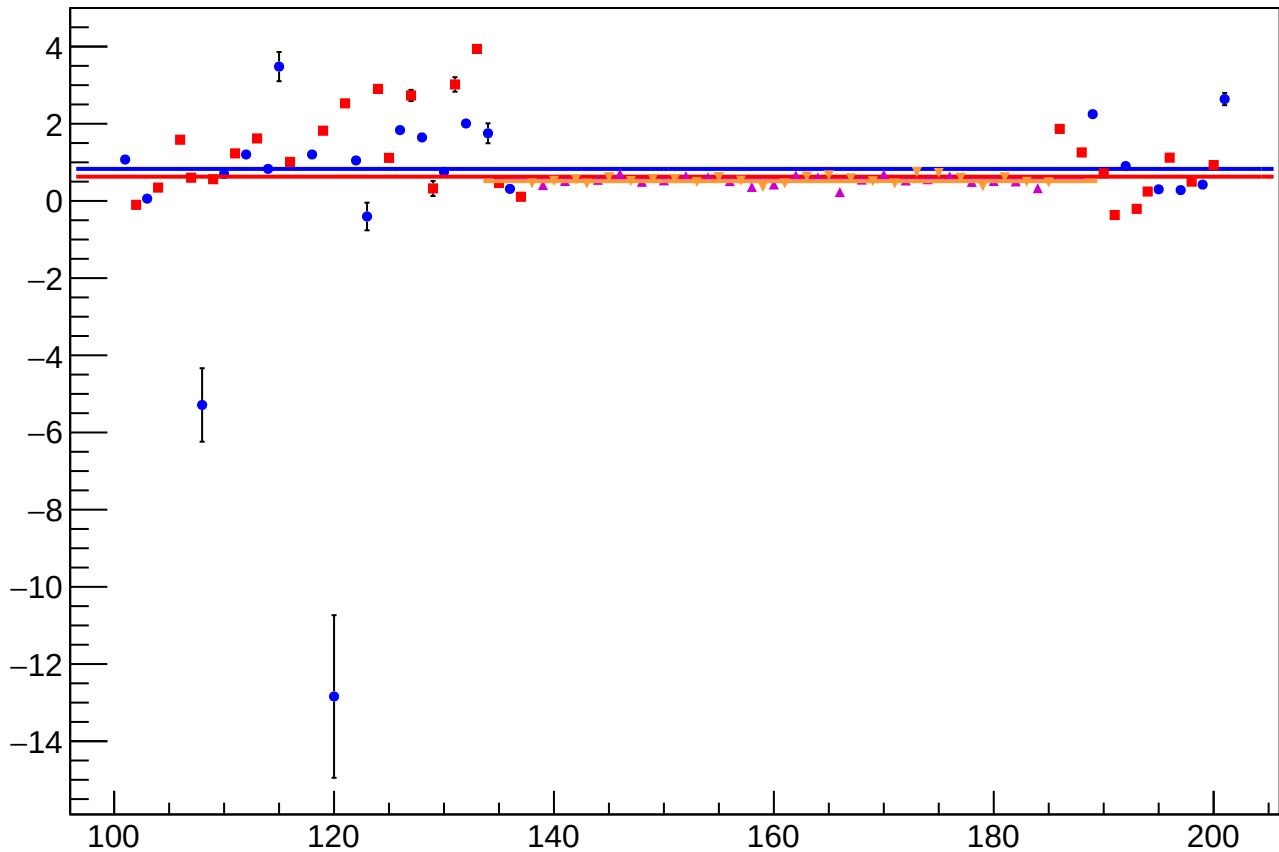
Left In: 4.129 ± 0.127 χ^2/NDF : 6161.4/22

+ sign 6.431 ± 0.082 χ^2/NDF : 84132.9/47

All: 13.051 ± 0.050 χ^2/NDF : 219327.4/97

- sign 16.895 ± 0.062 χ^2/NDF : 124853.7/49

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 16083.6/22

Left Out: 0.513 ± 0.001 χ^2/NDF : 15206.1/24

Right Out: 0.629 ± 0.006 χ^2/NDF : 9324.1/26

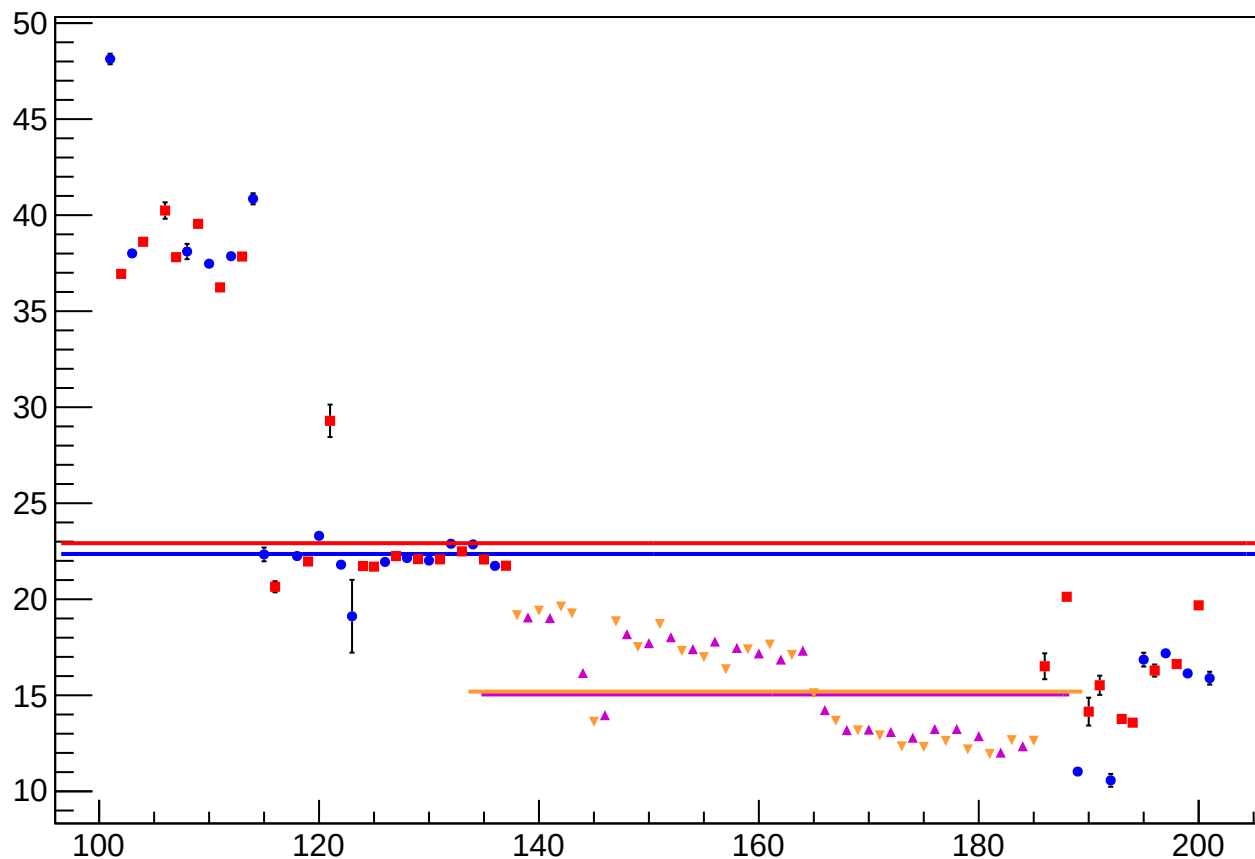
Left In: 0.536 ± 0.001 χ^2/NDF : 11764.8/22

+ sign 0.830 ± 0.000 χ^2/NDF : 139495.5/47

All: 0.830 ± 0.000 χ^2/NDF : 277145.2/97

- sign 0.538 ± 0.001 χ^2/NDF : 21362.5/49

dit_sam6_4aY_slope vs Slug



Right In: 22.358 ± 0.009 $\chi^2/\text{NDF}: 128521.6/22$

Left Out: 15.194 ± 0.004 $\chi^2/\text{NDF}: 417095.1/24$

Right Out: 22.920 ± 0.009 $\chi^2/\text{NDF}: 171681.7/26$

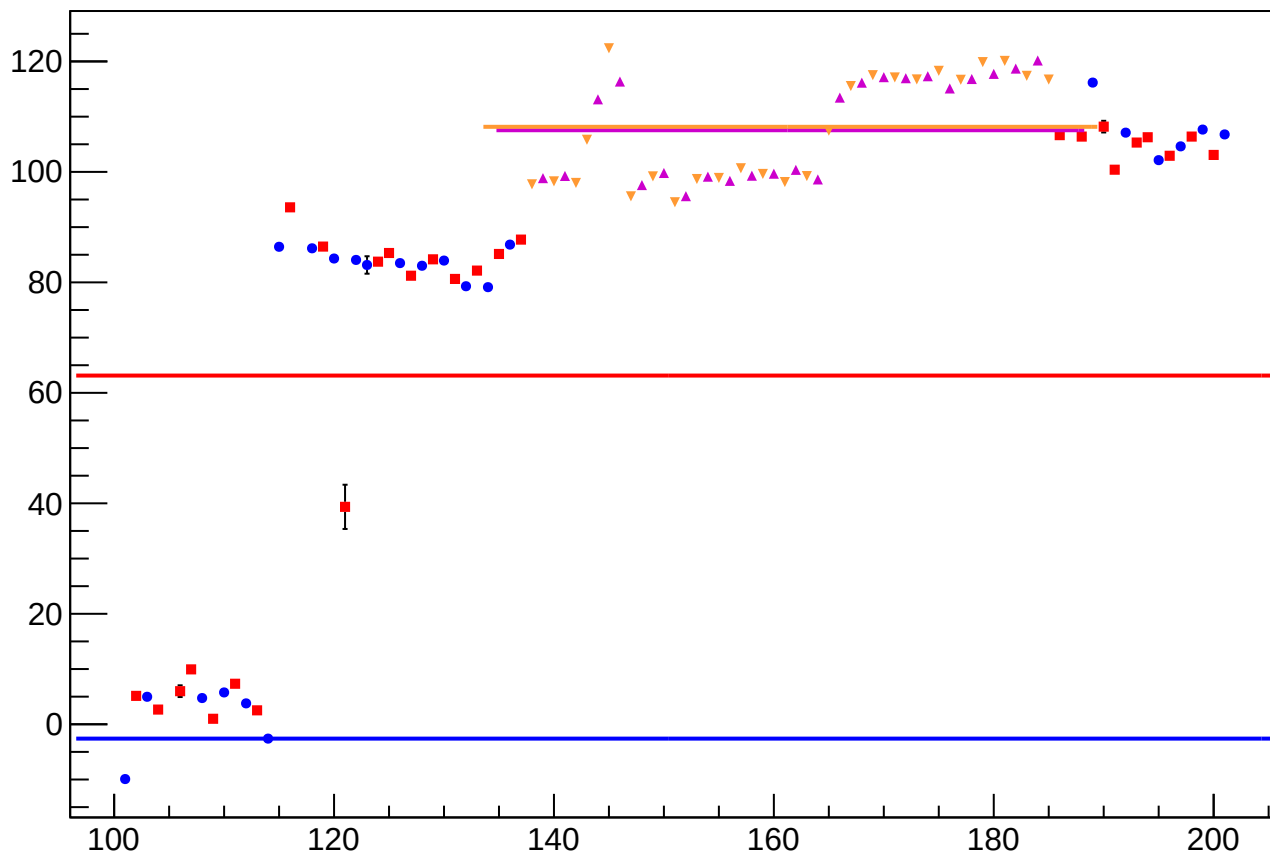
Left In: 15.044 ± 0.005 $\chi^2/\text{NDF}: 285851.6/22$

+ sign 16.457 ± 0.004 $\chi^2/\text{NDF}: 1042293.0/47$

All: 16.566 ± 0.003 $\chi^2/\text{NDF}: 2108627.6/97$

- sign 16.689 ± 0.004 $\chi^2/\text{NDF}: 1064643.3/49$

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 8547518.2/22

Left Out: 108.162+/-0.009 χ^2/NDF : 1076822.4/24

Right Out: 63.129+/-0.030 χ^2/NDF : 1729891.7/26

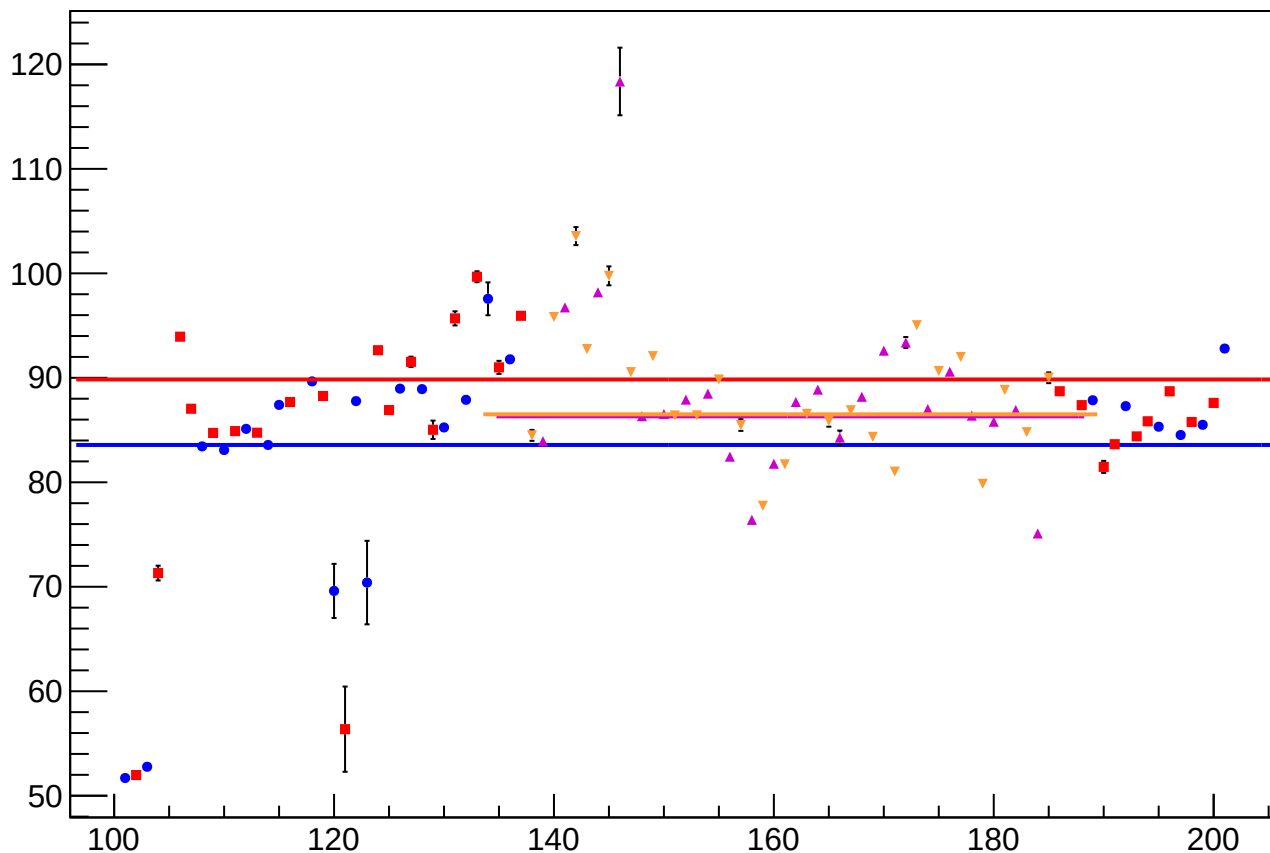
Left In: 107.543+/-0.009 χ^2/NDF : 988940.0/22

+ sign -2.596+/-0.000 χ^2/NDF : 151335500.5/47

All: -2.596+/-0.000 χ^2/NDF : 298375546.4/97

- sign 103.665+/-0.009 χ^2/NDF : 4700311.0/49

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF : 51193.3/22

Left Out: 86.505+/-0.060 χ^2/NDF : 8553.0/24

Right Out: 89.842+/-0.020 χ^2/NDF : 77903.6/26

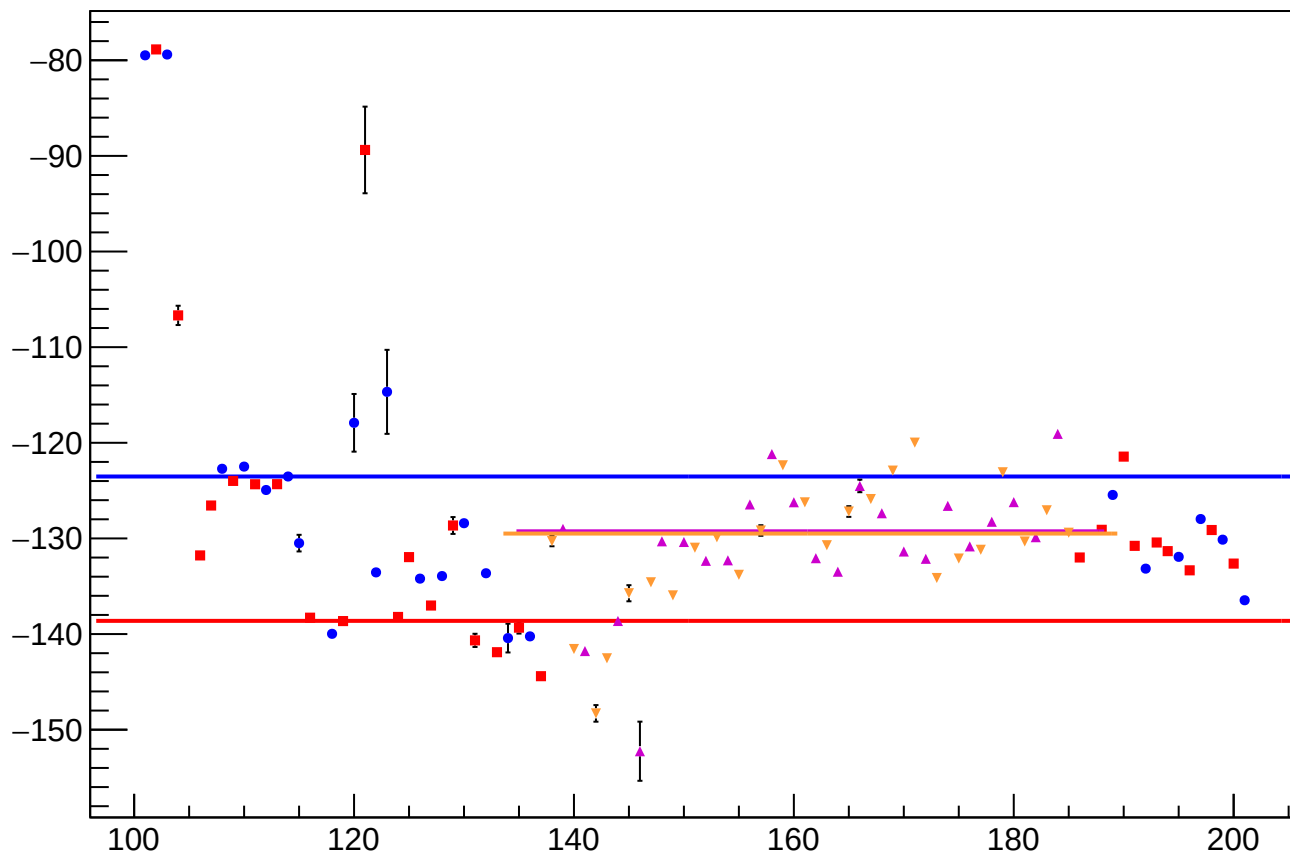
Left In: 86.310+/-0.051 χ^2/NDF : 8666.5/22

+ sign 83.573+/-0.000 χ^2/NDF : 62140.5/47

All: 83.573+/-0.000 χ^2/NDF : 247507.8/97

- sign 89.369+/-0.019 χ^2/NDF : 90655.2/49

dit_sam7_4eX_slope vs Slug



Right In: -123.524 $\pm$ 0.000 χ^2 /NDF: 180760.5/22

Left Out: -129.492 $\pm$ 0.059 χ^2 /NDF:10775.3/24

Right Out: -138.620 $\pm$ 0.016 χ^2 /NDF: 300159.7/26

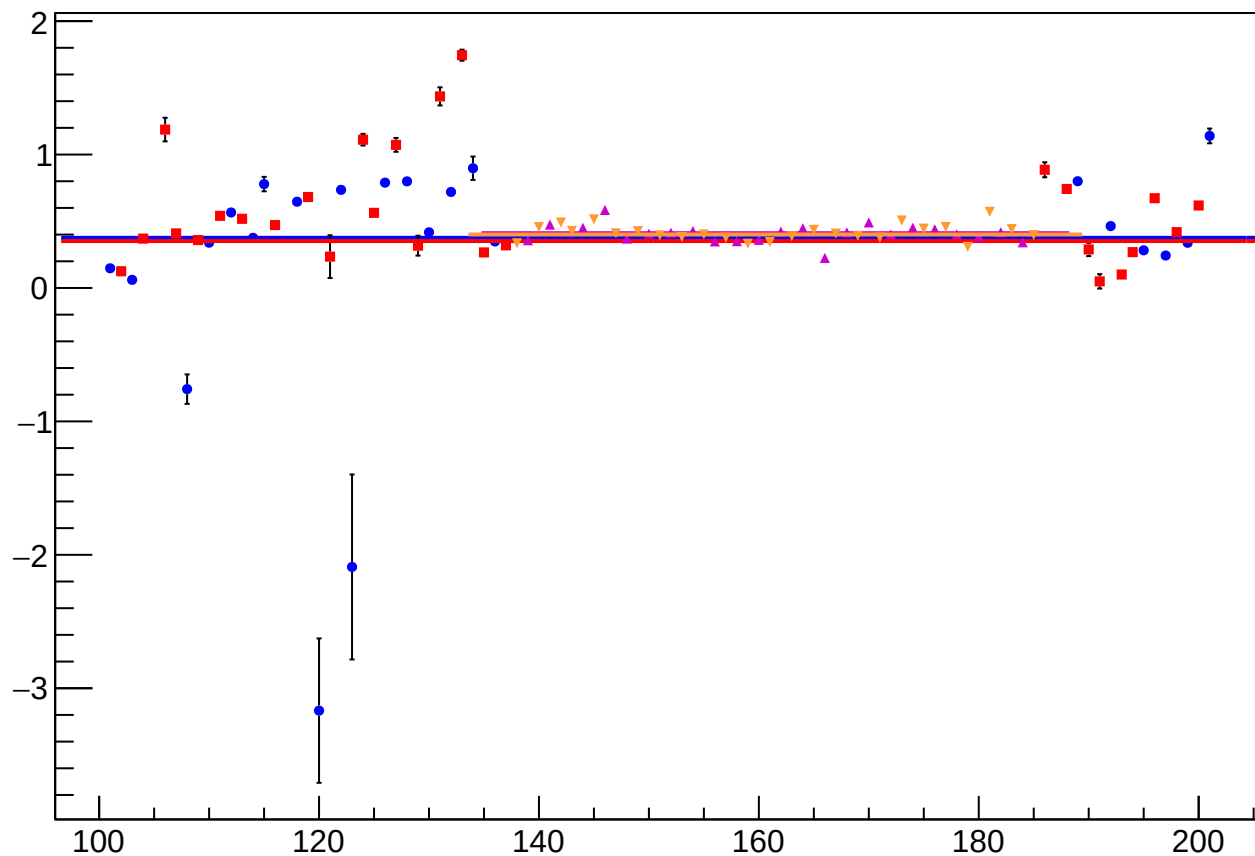
Left In: -129.256 $\pm$ 0.052 χ^2 /NDF:6558.2/22

+ sign -123.524 $\pm$ 0.000 χ^2 /NDF: 201695.6/47

All: -123.524 $\pm$ 0.000 χ^2 /NDF: 1380769.3/97

- sign -137.771 $\pm$ 0.016 χ^2 /NDF: 336725.1/49

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 4511.8/22

Left Out: 0.401 $\pm$ 0.000 χ^2 /NDF:9030.9/24

Right Out: 0.352 $\pm$ 0.001 χ^2 /NDF: 6828.1/26

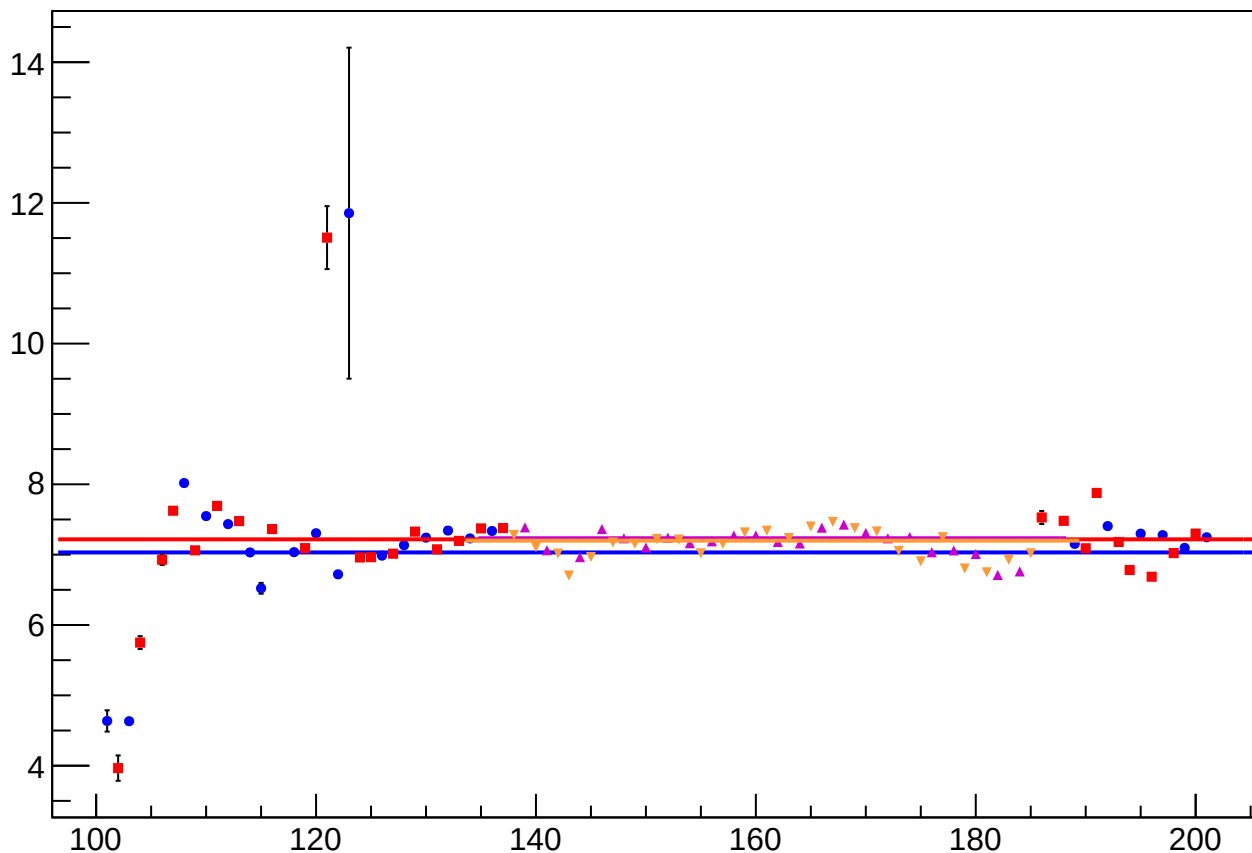
Left In: 0.410 $\pm$ 0.000 χ^2 /NDF:8478.2/22

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 16052.2/47

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 37529.2/97

- sign 0.405 $\pm$ 0.000 χ^2 /NDF: 16813.6/49

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 20792.7/22

Left Out: 7.199 ± 0.001 χ^2/NDF : 37453.7/24

Right Out: 7.218 ± 0.002 χ^2/NDF : 10770.7/26

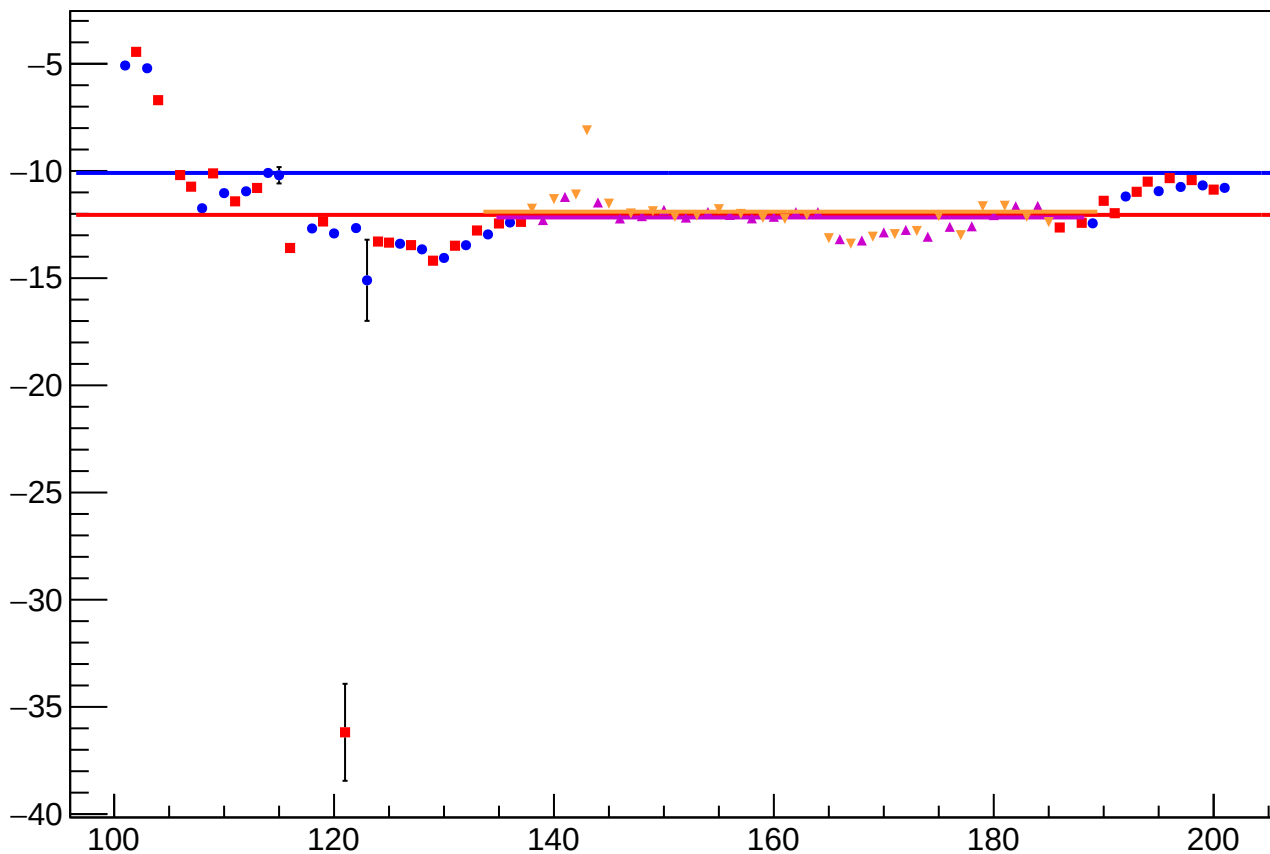
Left In: 7.233 ± 0.001 χ^2/NDF : 23085.0/22

+ sign 7.032 ± 0.000 χ^2/NDF : 92597.5/47

All: 7.032 ± 0.000 χ^2/NDF : 192167.2/97

- sign 7.231 ± 0.001 χ^2/NDF : 33897.6/49

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 555411.3/22

Left Out: -11.899 ± 0.002 χ^2/NDF : 498866.6/24

Right Out: -12.049 ± 0.003 χ^2/NDF : 164349.9/26

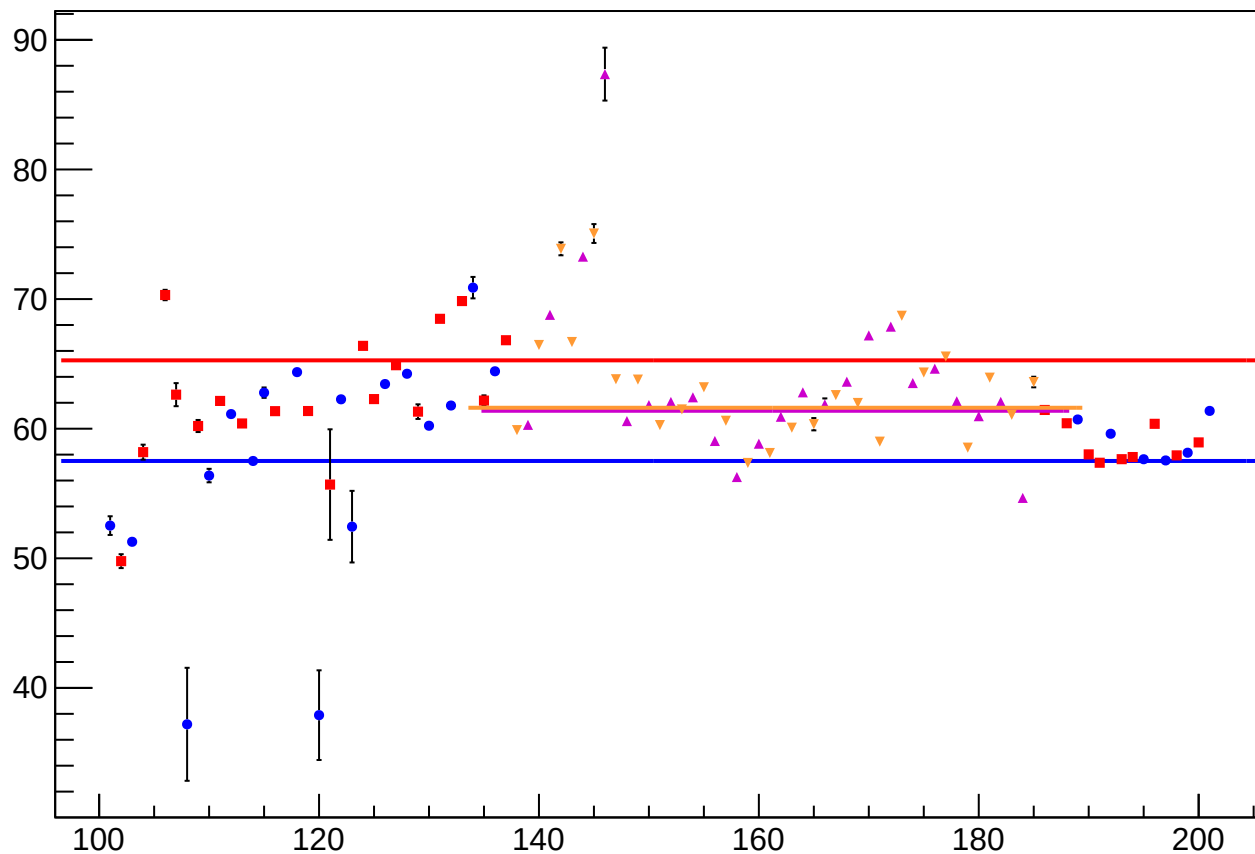
Left In: -12.169 ± 0.002 χ^2/NDF : 49568.3/22

+ sign -10.092 ± 0.000 χ^2/NDF : 2197374.9/47

All: -10.092 ± 0.000 χ^2/NDF : 4276896.9/97

- sign -12.142 ± 0.002 χ^2/NDF : 215037.8/49

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 $\chi^2/\text{NDF}: 9929.3/22$

Left Out: 61.615 ± 0.039 $\chi^2/\text{NDF}: 7756.9/24$

Right Out: 65.272 ± 0.012 $\chi^2/\text{NDF}: 74243.4/26$

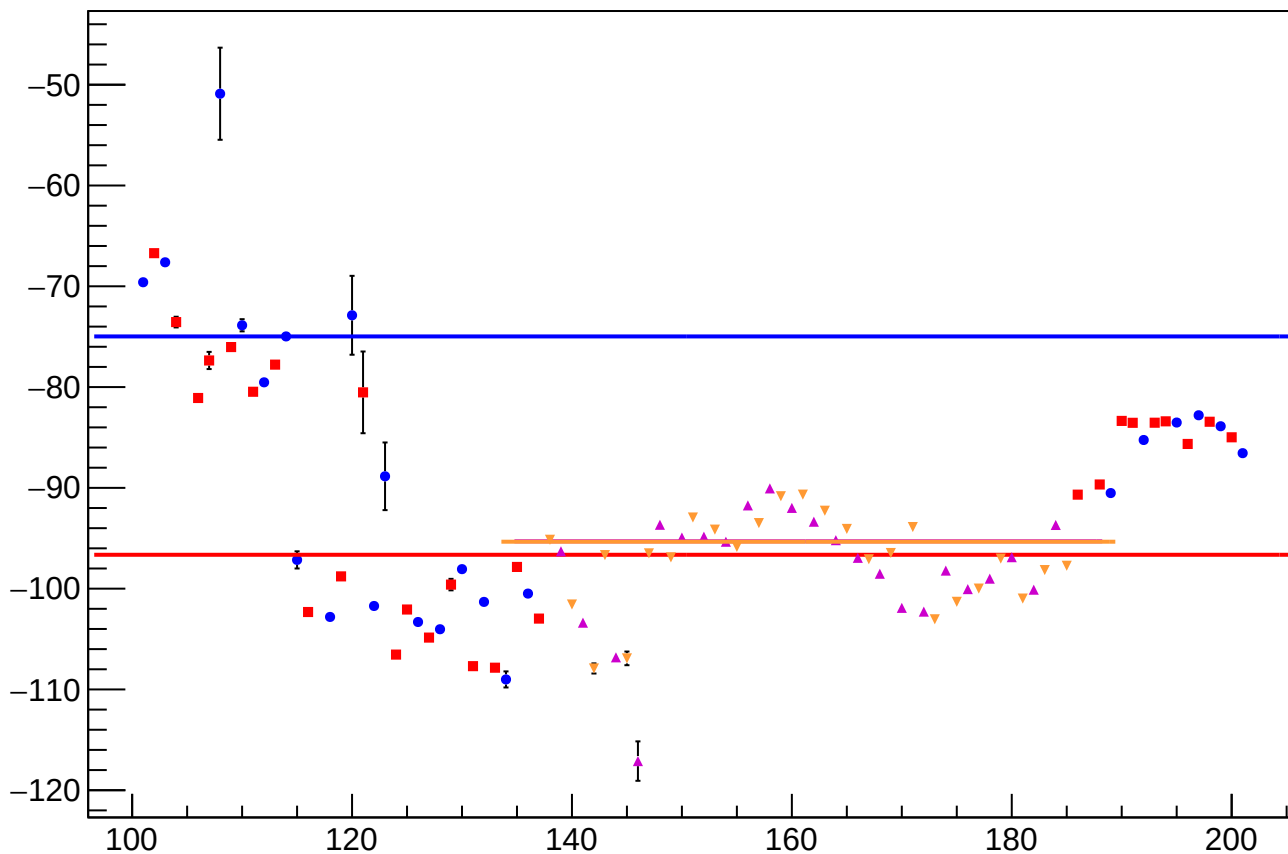
Left In: 61.383 ± 0.033 $\chi^2/\text{NDF}: 8900.0/22$

+ sign 57.510 ± 0.000 $\chi^2/\text{NDF}: 28827.1/47$

All: 57.510 ± 0.000 $\chi^2/\text{NDF}: 550084.3/97$

- sign 64.813 ± 0.011 $\chi^2/\text{NDF}: 95726.1/49$

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 213321.5/22$

Left Out: -95.342 ± 0.039 $\chi^2/\text{NDF}: 9387.4/24$

Right Out: -96.639 ± 0.015 $\chi^2/\text{NDF}: 378346.3/26$

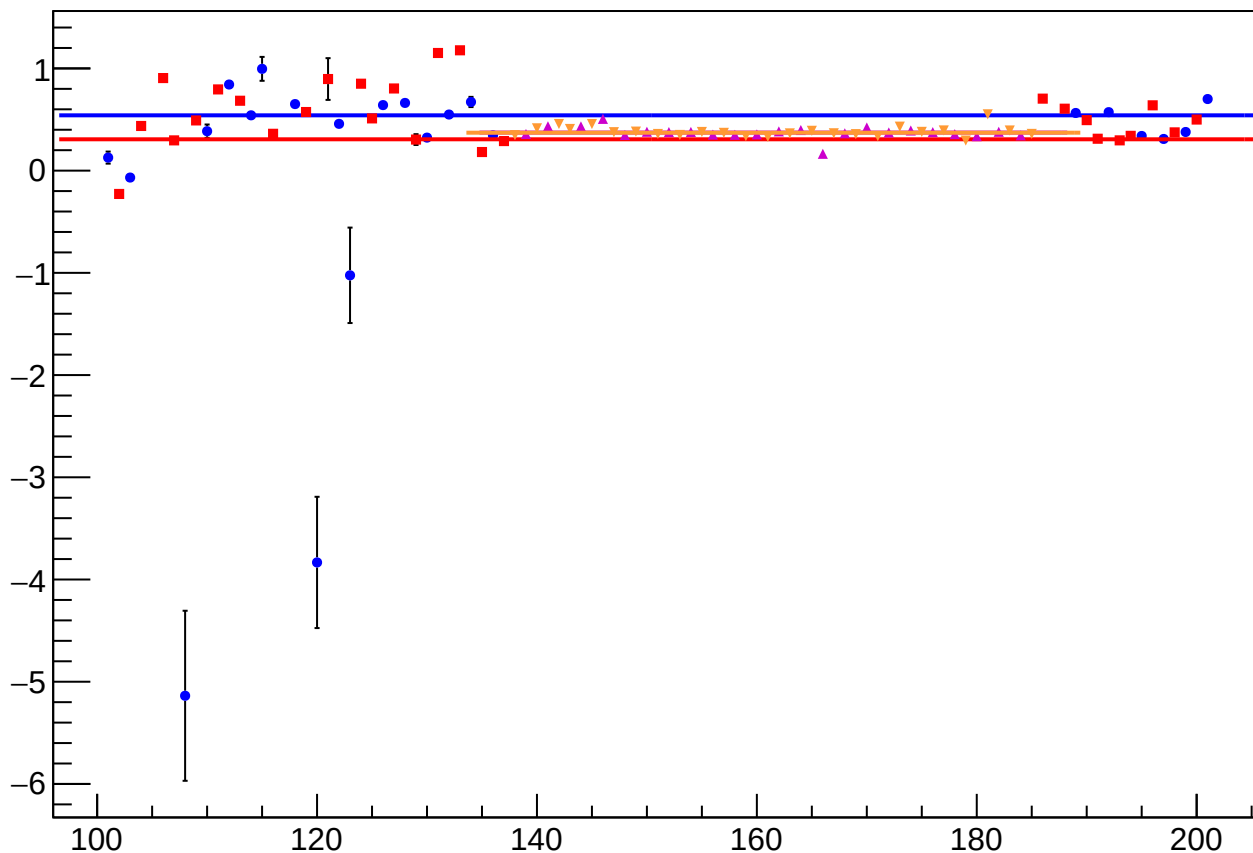
Left In: -95.301 ± 0.033 $\chi^2/\text{NDF}: 11271.5/22$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 499670.2/47$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 3461873.6/97$

- sign -96.422 ± 0.013 $\chi^2/\text{NDF}: 390977.7/49$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 ± 0.000 χ^2/NDF : 30984.8/22

Left Out: 0.371 ± 0.000 χ^2/NDF : 6797.7/24

Right Out: 0.307 ± 0.001 χ^2/NDF : 11980.9/26

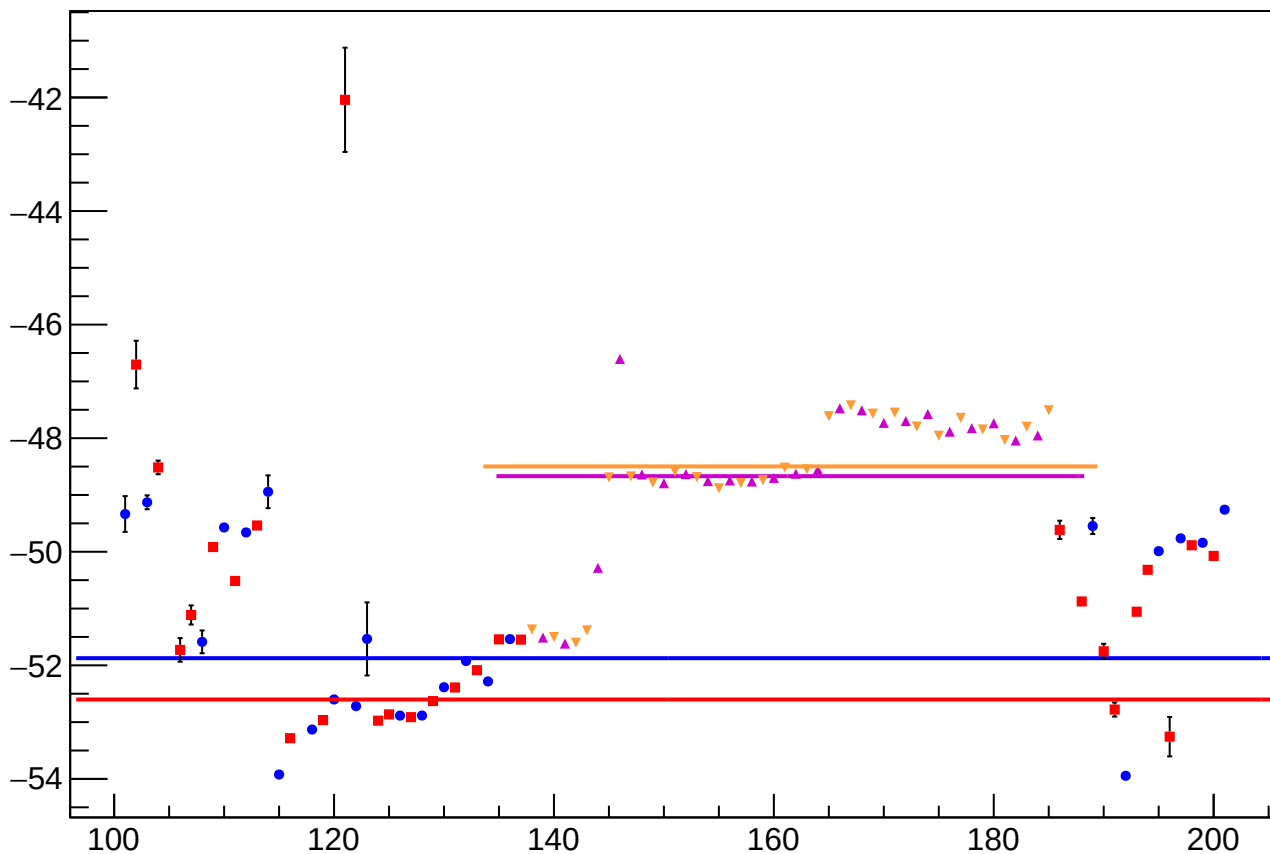
Left In: 0.372 ± 0.000 χ^2/NDF : 6020.6/22

+ sign 0.541 ± 0.000 χ^2/NDF : 249096.1/47

All: 0.541 ± 0.000 χ^2/NDF : 653939.7/97

- sign 0.364 ± 0.000 χ^2/NDF : 23991.7/49

dit_sam8_4aY_slope vs Slug



Right In: -51.874 ± 0.002 χ^2/NDF : 84759.7/22

Left Out: -48.497 ± 0.001 χ^2/NDF : 699790.4/24

Right Out: -52.602 ± 0.003 χ^2/NDF : 87974.9/26

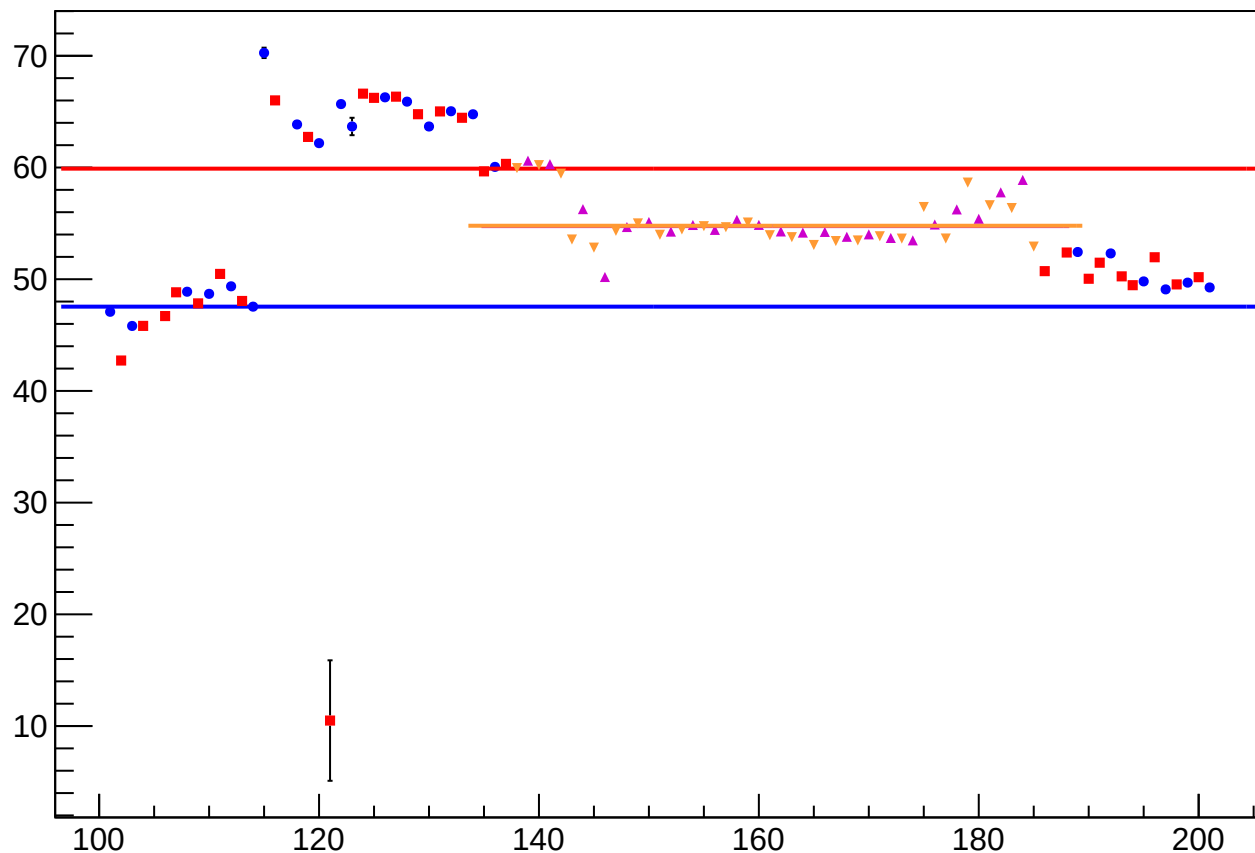
Left In: -48.669 ± 0.001 χ^2/NDF : 809321.2/22

+ sign -49.129 ± 0.001 χ^2/NDF : 2666240.0/47

All: -49.139 ± 0.001 χ^2/NDF : 5708684.7/97

- sign -49.147 ± 0.001 χ^2/NDF : 3042271.3/49

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3612956.1/22

Left Out: 54.787 $\pm$ 0.003 χ^2 /NDF:301226.3/24

Right Out: 59.898 $\pm$ 0.006 χ^2 /NDF: 1085691.4/26

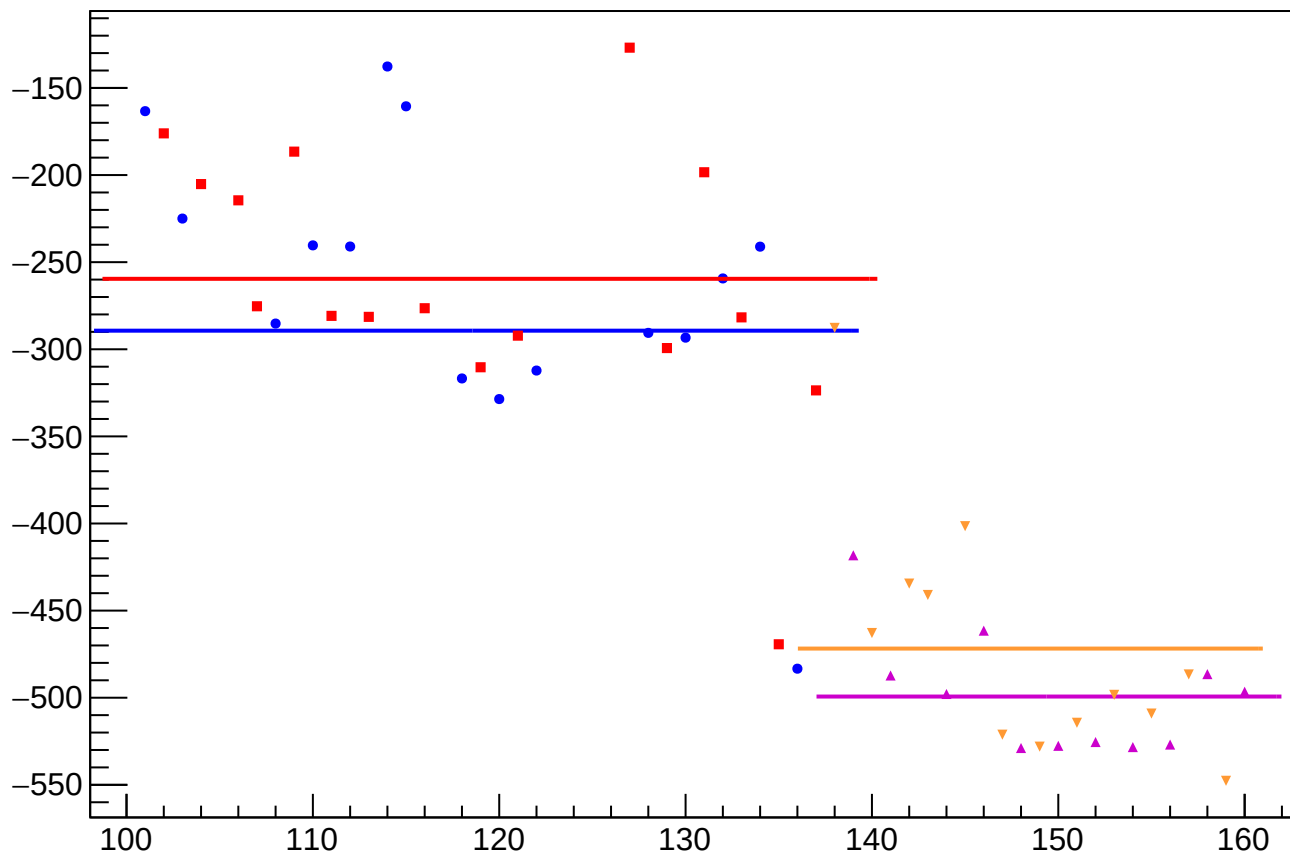
Left In: 54.755 $\pm$ 0.003 χ^2 /NDF:100763.3/22

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9961806.9/47

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 22418602.6/97

- sign 55.468 $\pm$ 0.002 χ^2 /NDF: 1726296.7/49

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

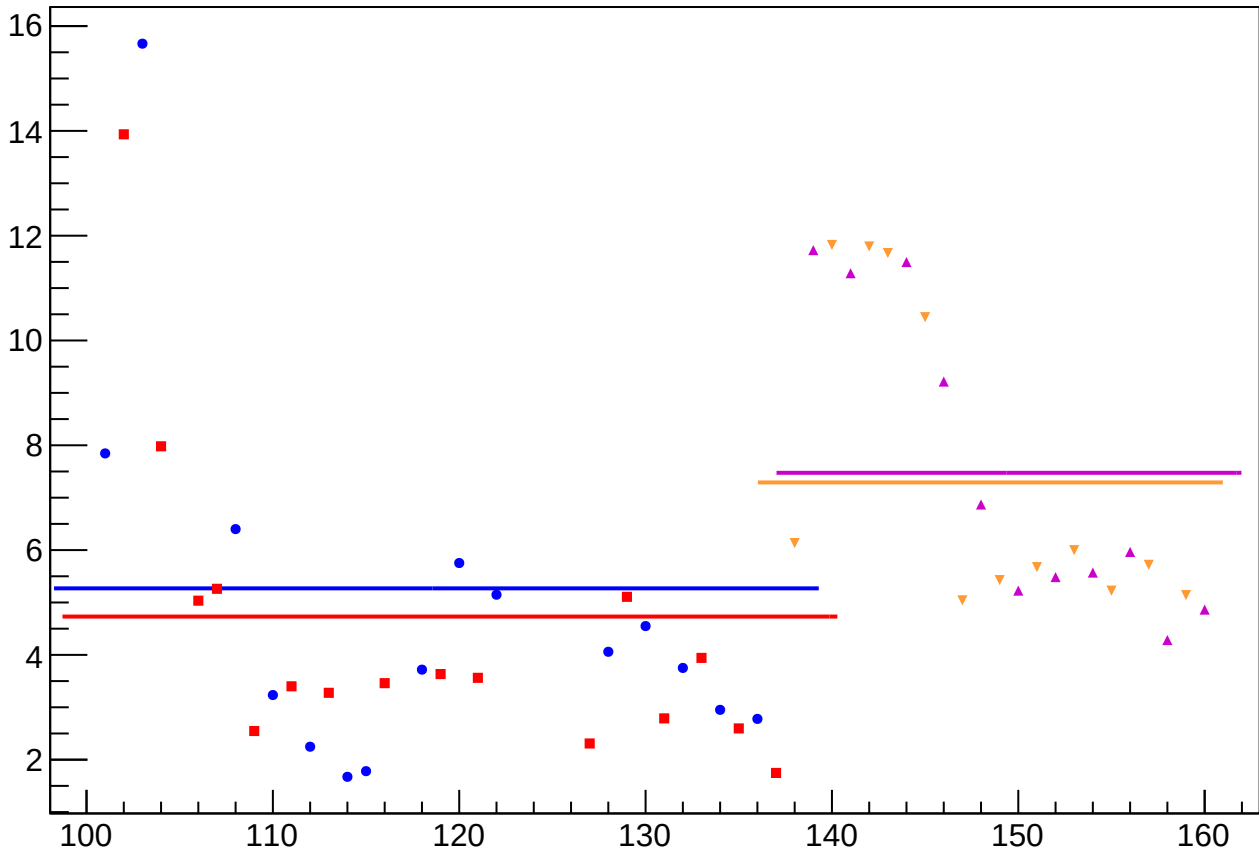
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

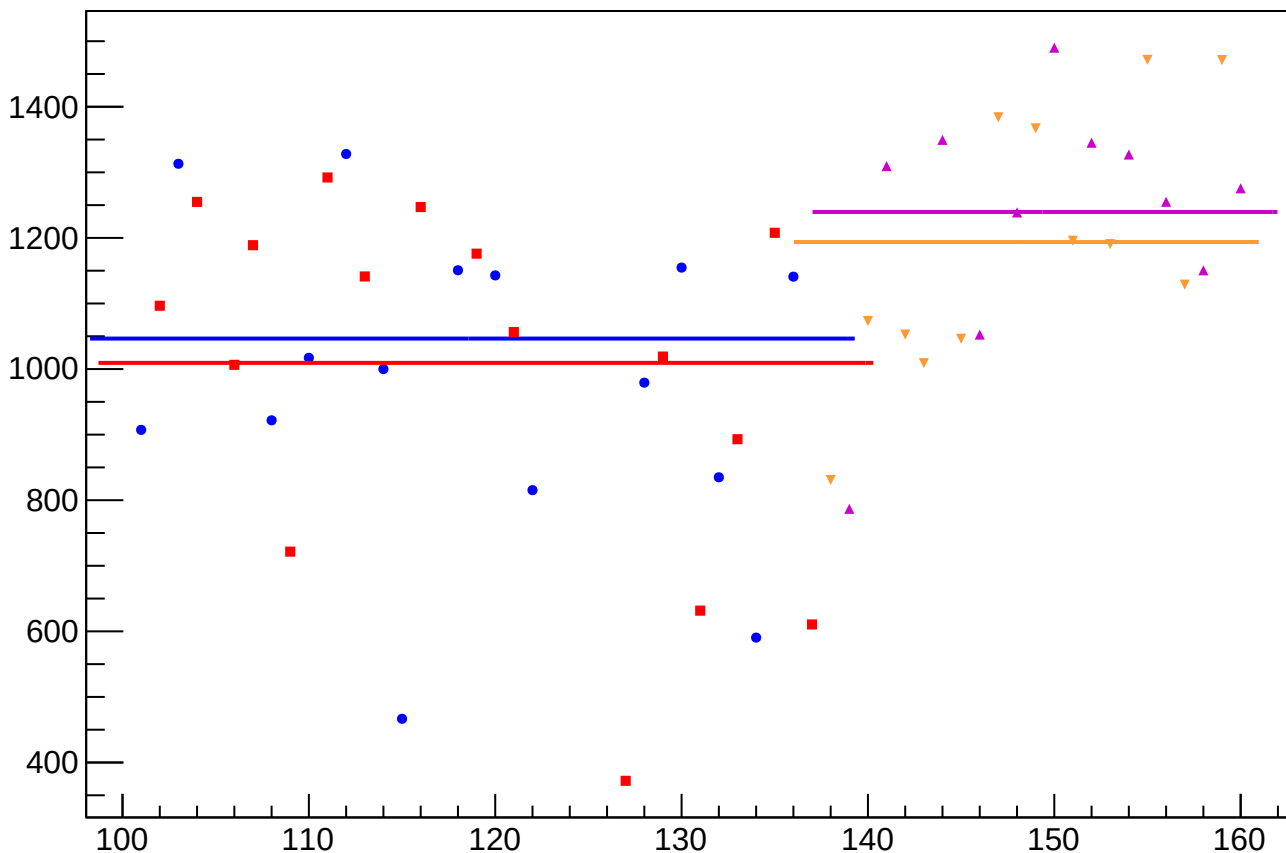
- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



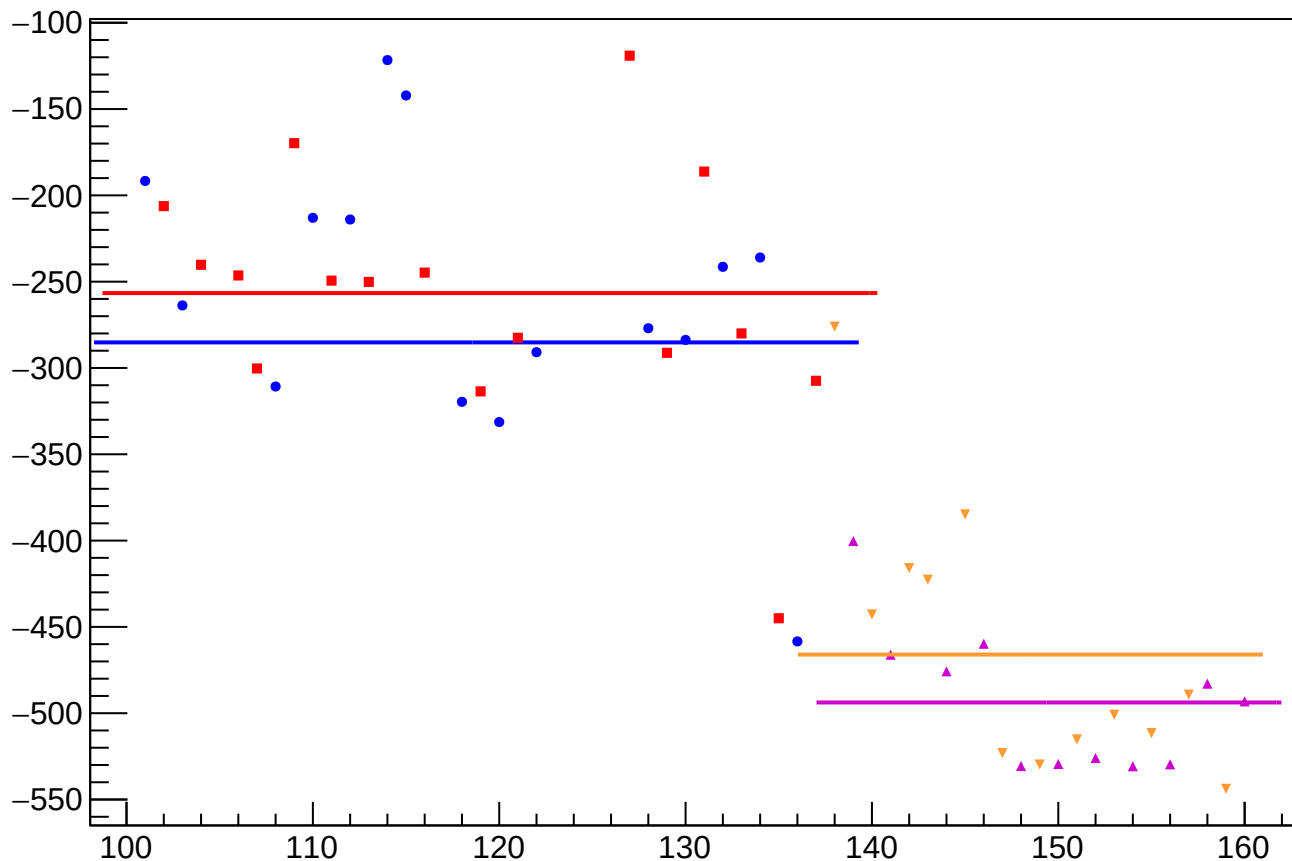
Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14
 Left Out: 7.291+/-0.000 χ^2/NDF : 6718053515172863885836432351166464.0/11
 Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15
 Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

dit_4aX_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_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

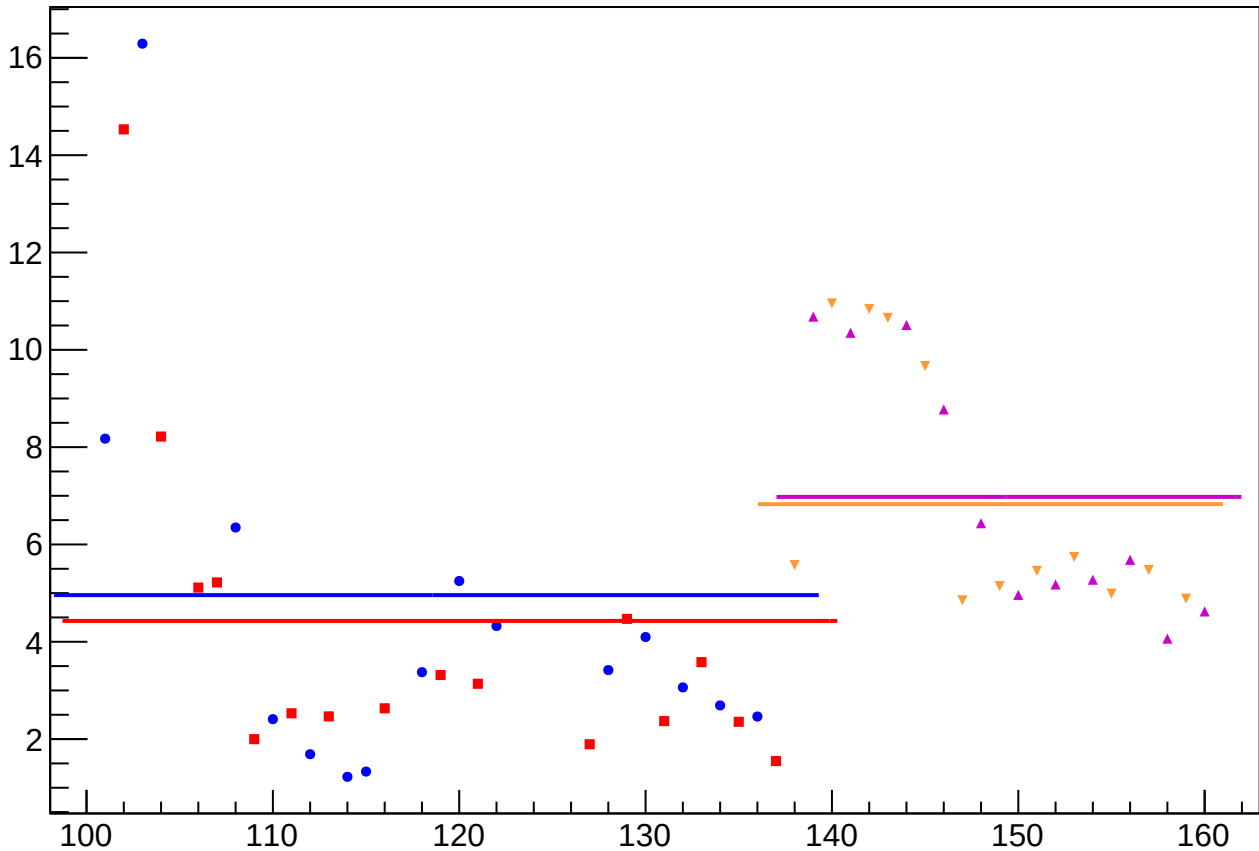
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ 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



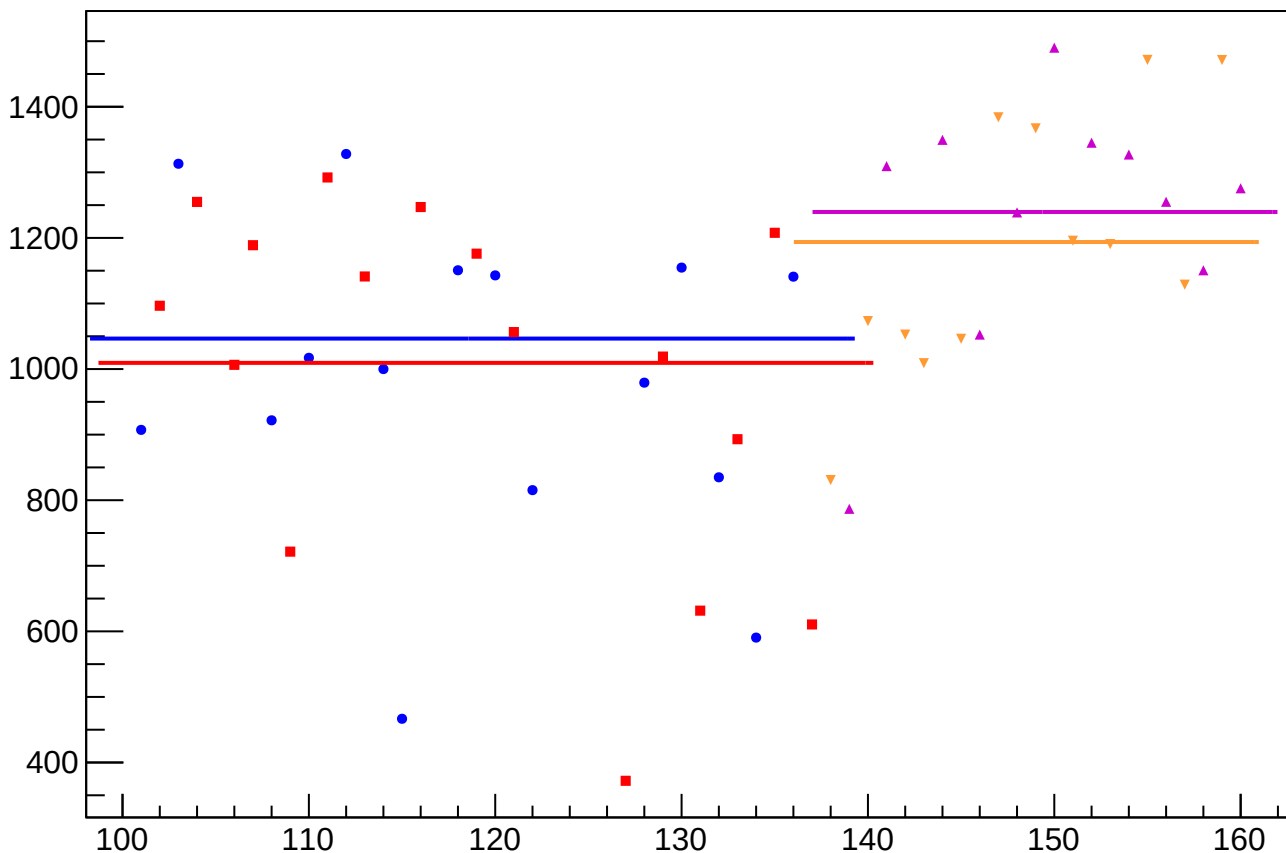
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

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

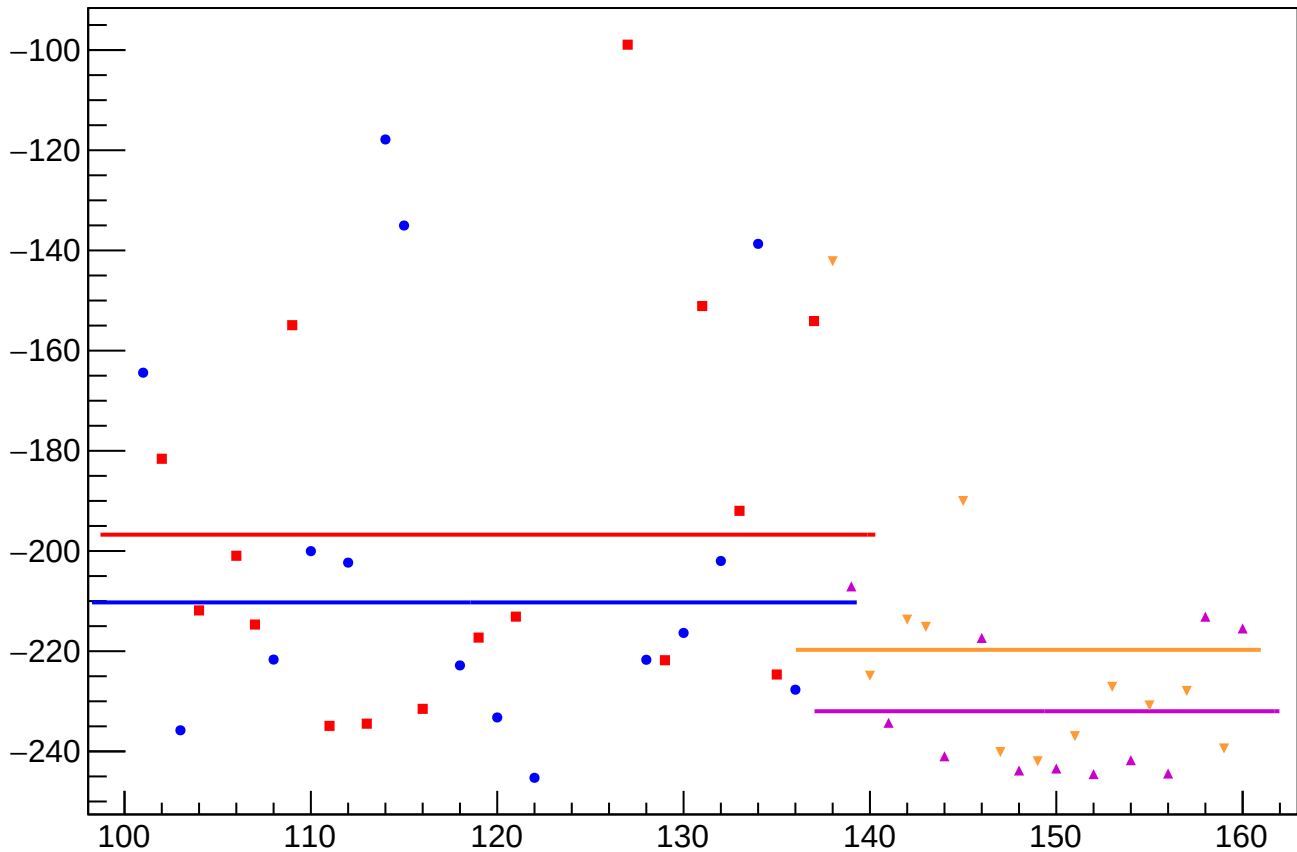
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

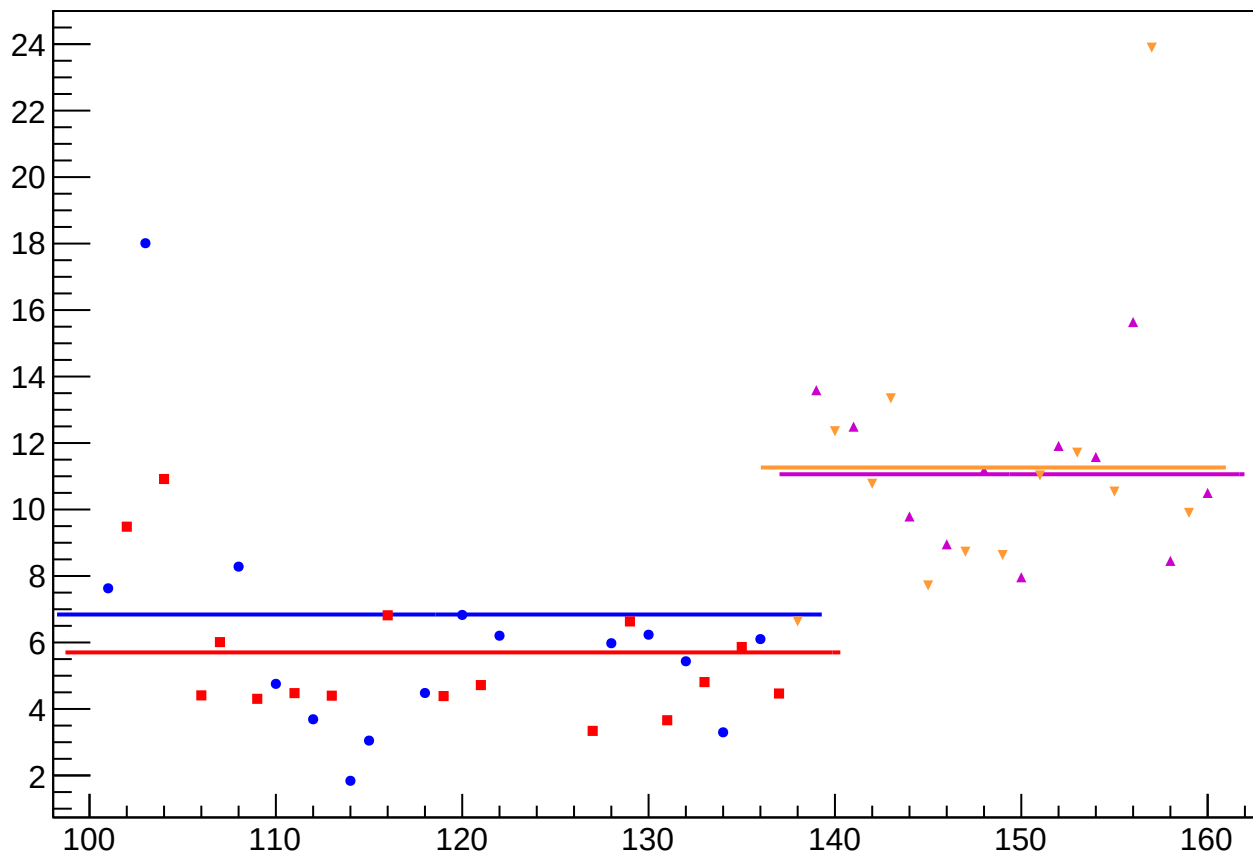
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ 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

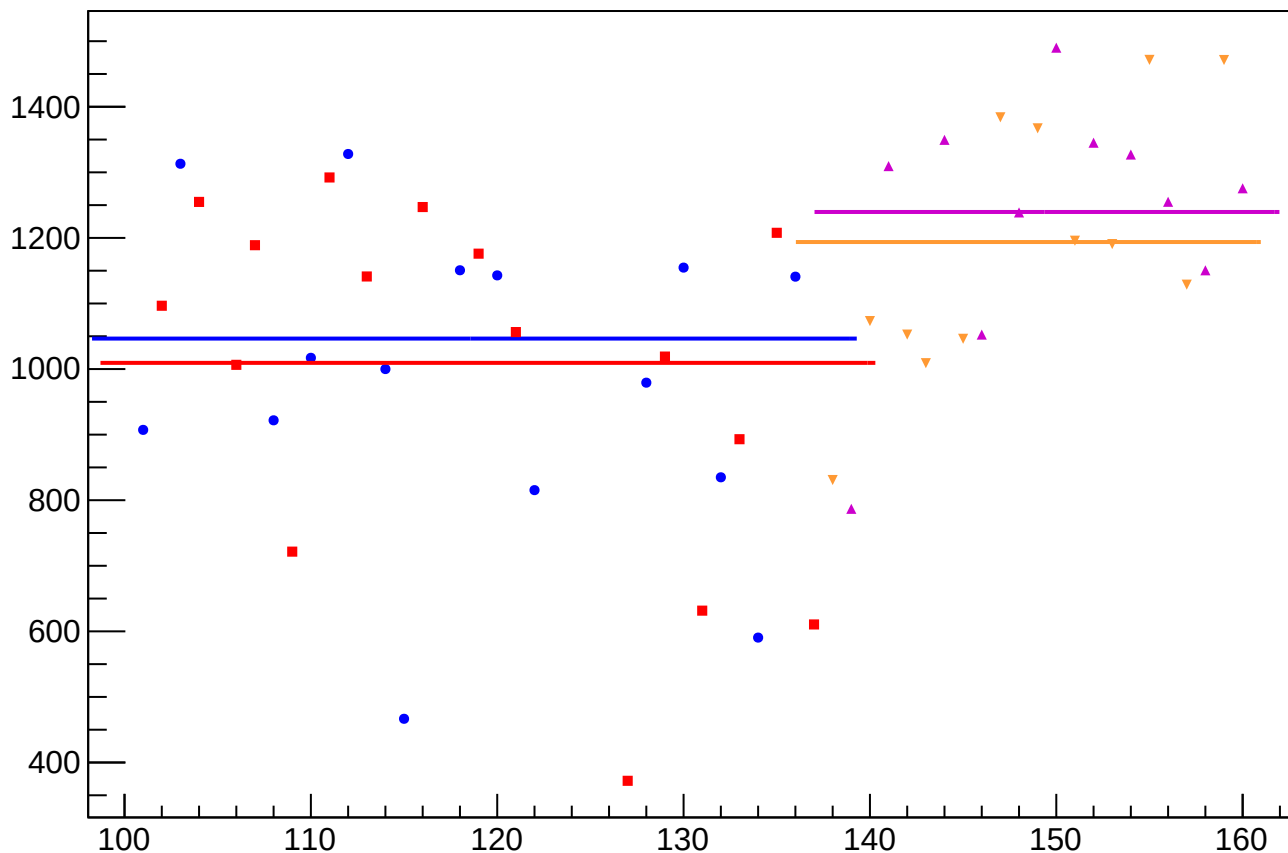
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF : 33726426520626408

All: 9.118+/-0.000 χ^2/NDF : 52742989230721

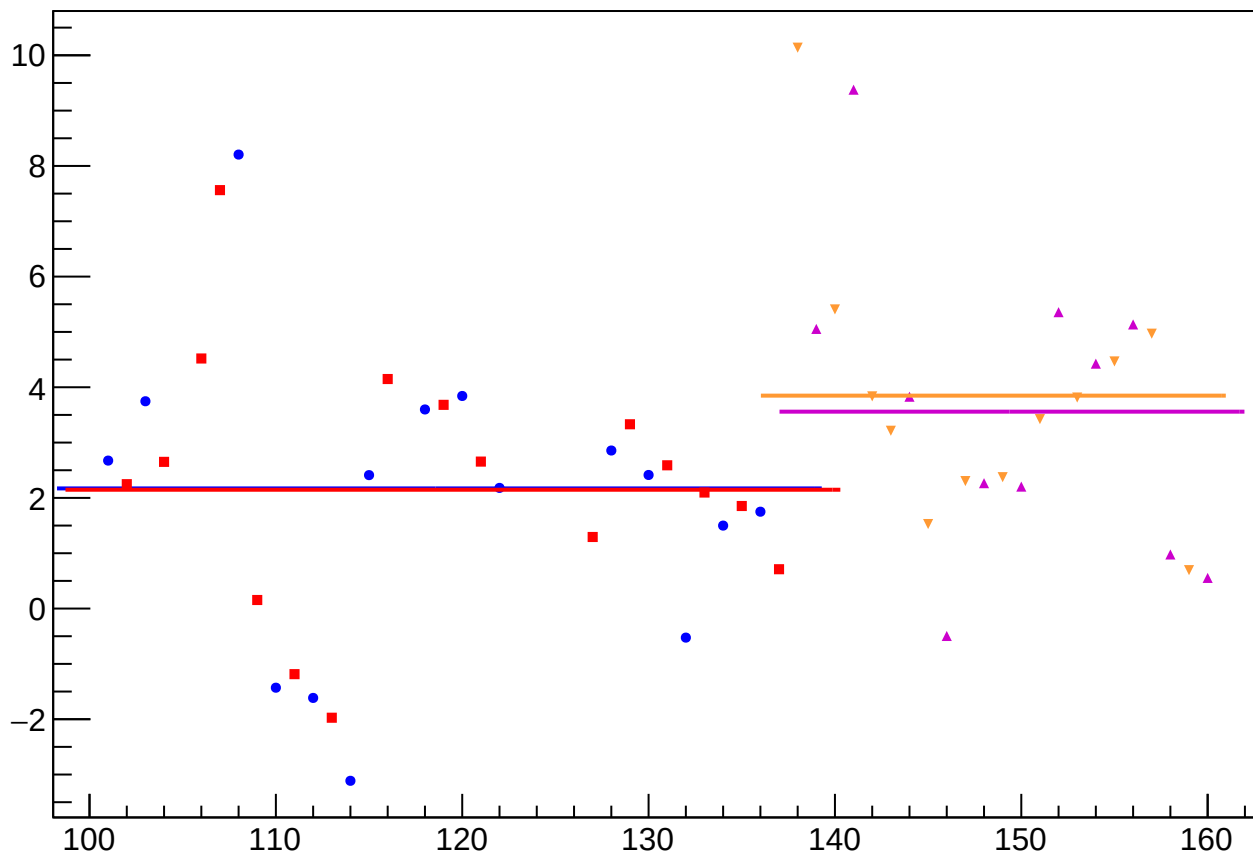
- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 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

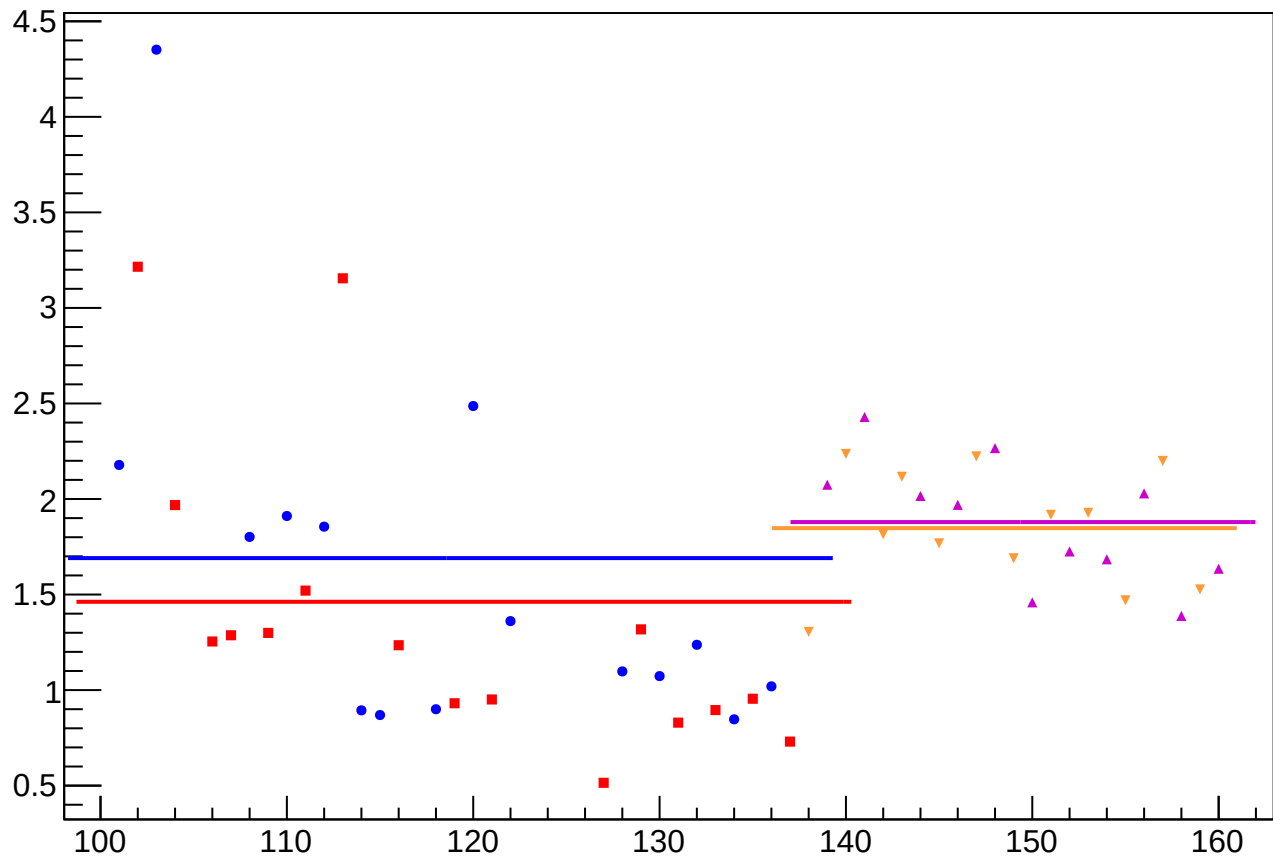
dit_4aY_coil1_mean vs Slug



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

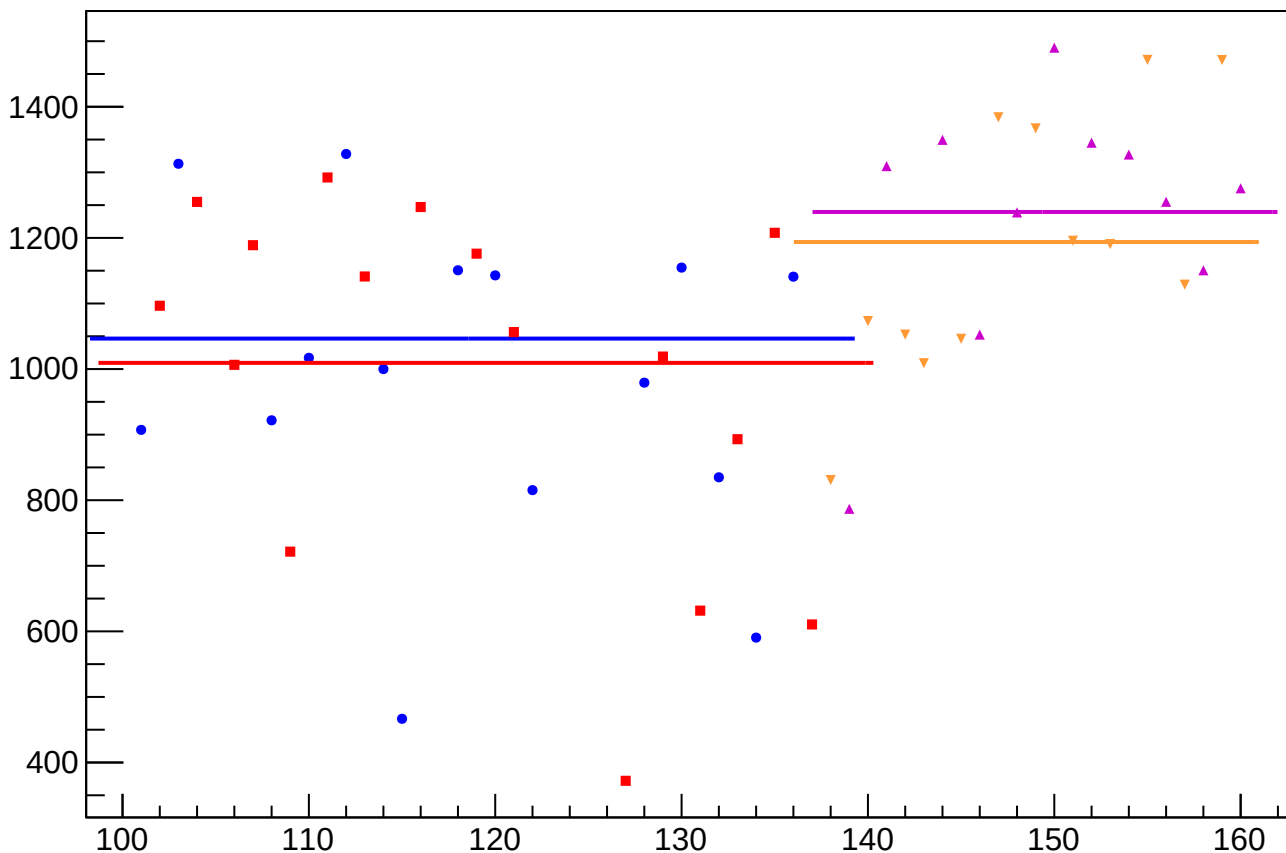
dit_4aY_coil1_err_mean vs Slug



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

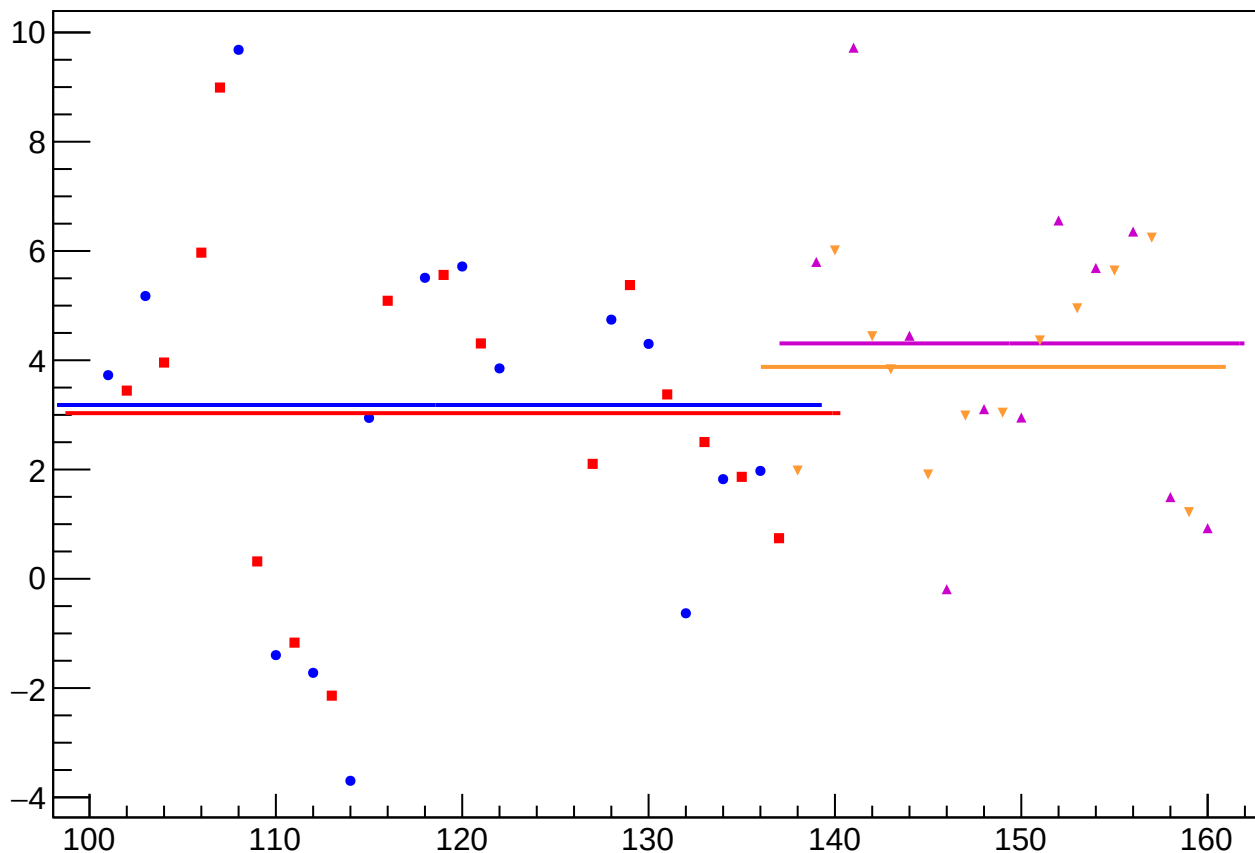
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

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_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000

χ^2/NDF : 5833303227868252617704566394191872.0/14

Left Out: 3.878+/-0.000

χ^2/NDF : 2463584640289158504459219897417728.0/11

Right Out: 3.032+/-0.000

χ^2/NDF : 4937209831371793945496546833334272.0/15

Left In: 4.308+/-0.000

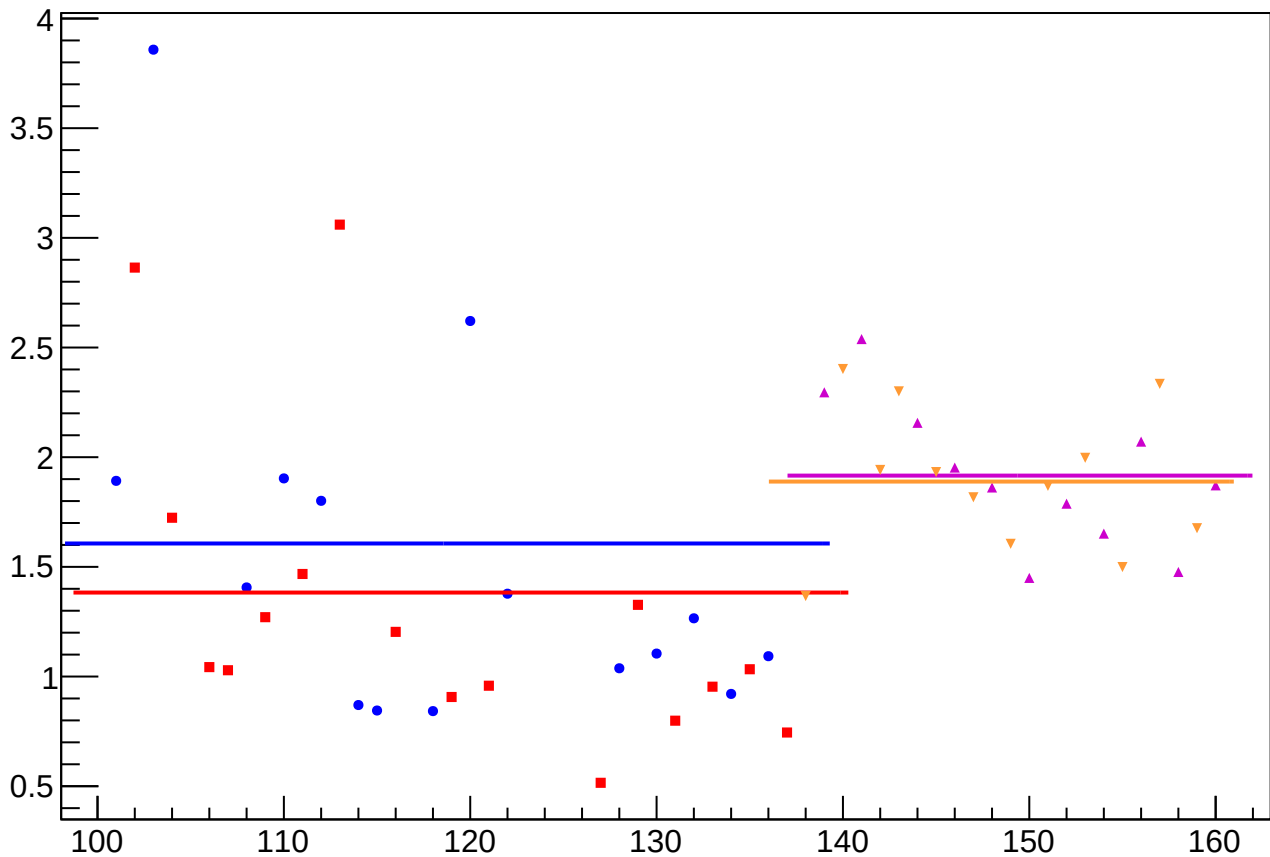
χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.589+/-0.000 χ^2/NDF : 84811787194063263

All: 3.682+/-0.000 χ^2/NDF : 21150064748618

- sign 3.773+/-0.000 χ^2/NDF : 12642039557663055

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.889 $\pm$ 0.000 χ^2 /NDF: 94097326064066188177587241484288.0/11

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

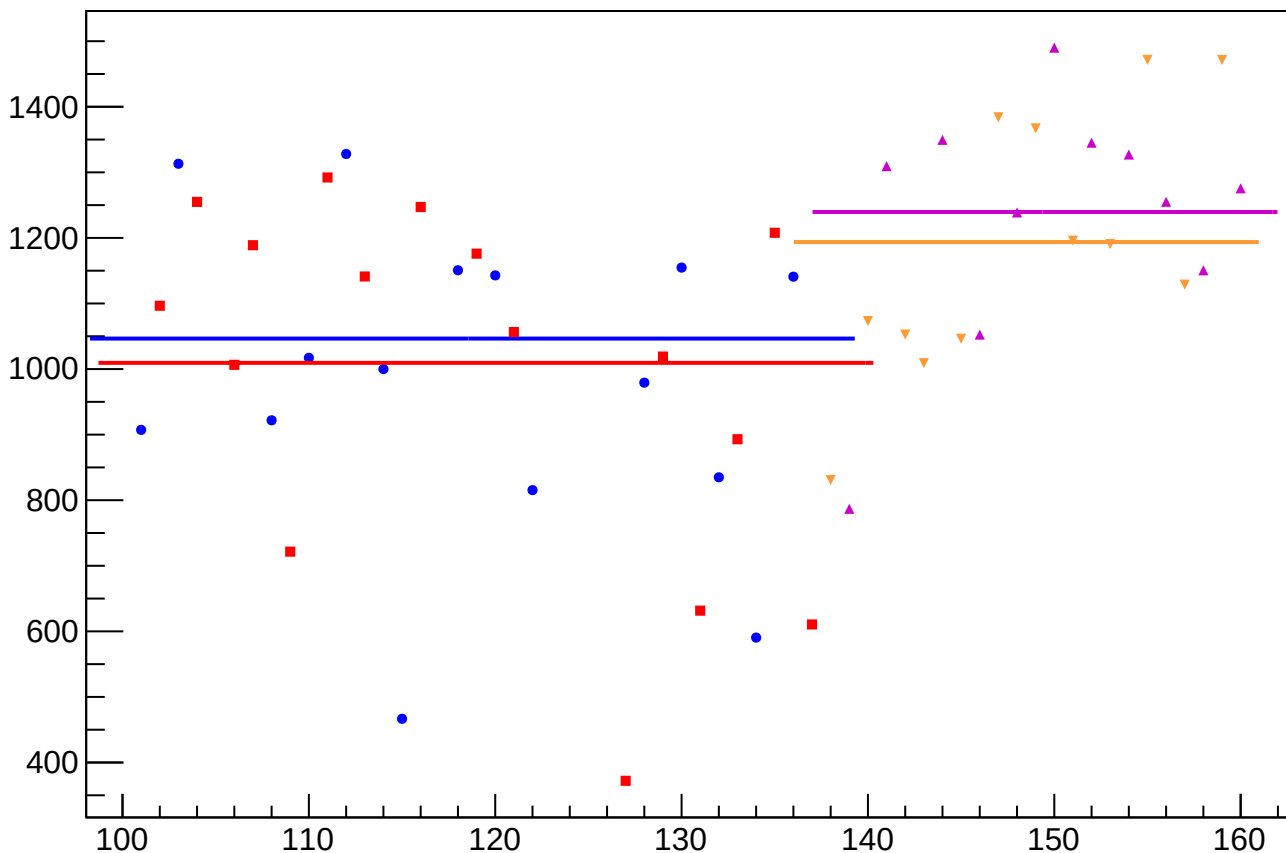
Left In: 1.916 $\pm$ 0.000 χ^2 /NDF: 95276515809016209875699691945984.0/10

+ sign 1.772 $\pm$ 0.000 χ^2 /NDF: 58529175260763022

All: 1.732 $\pm$ 0.000 χ^2 /NDF: 11539749951204

- sign 1.693 $\pm$ 0.000 χ^2 /NDF: 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

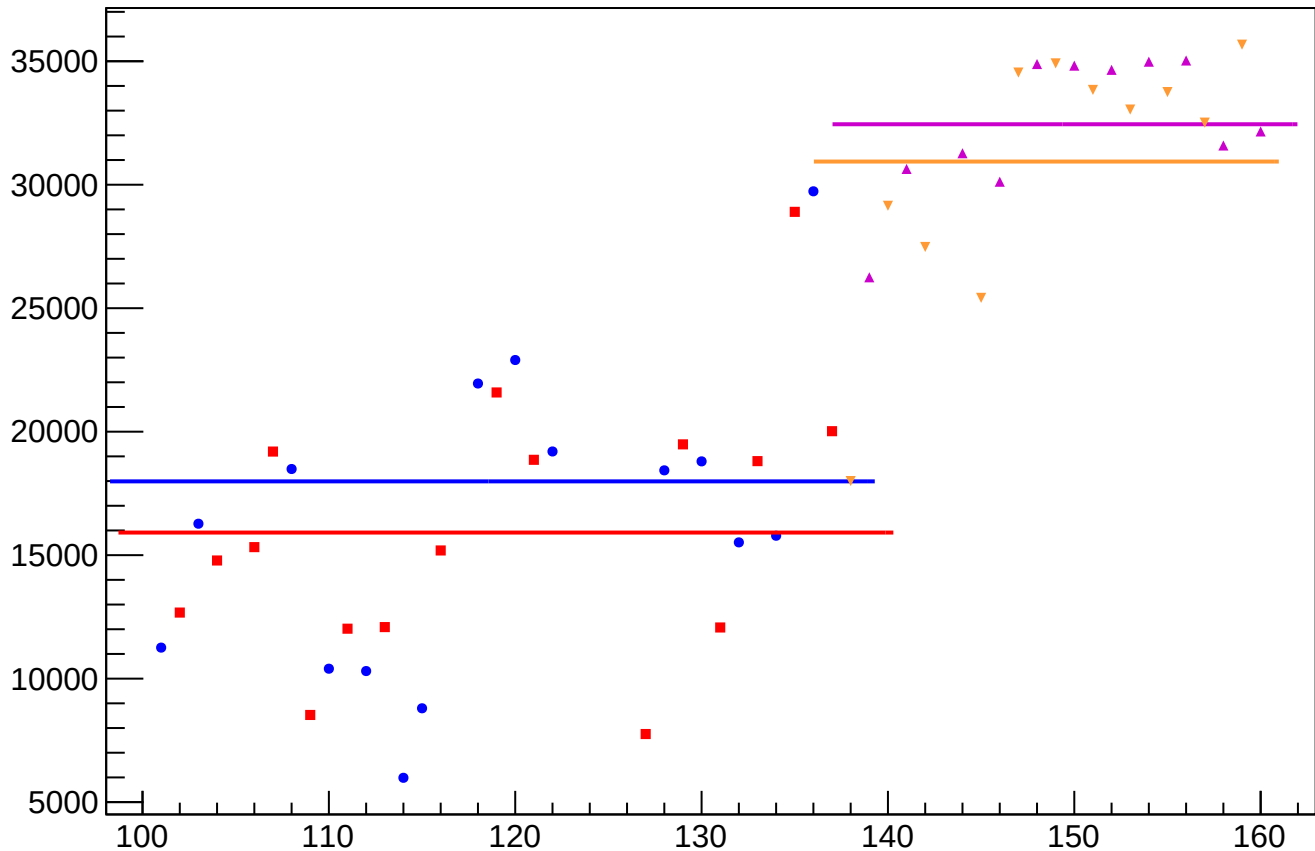
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

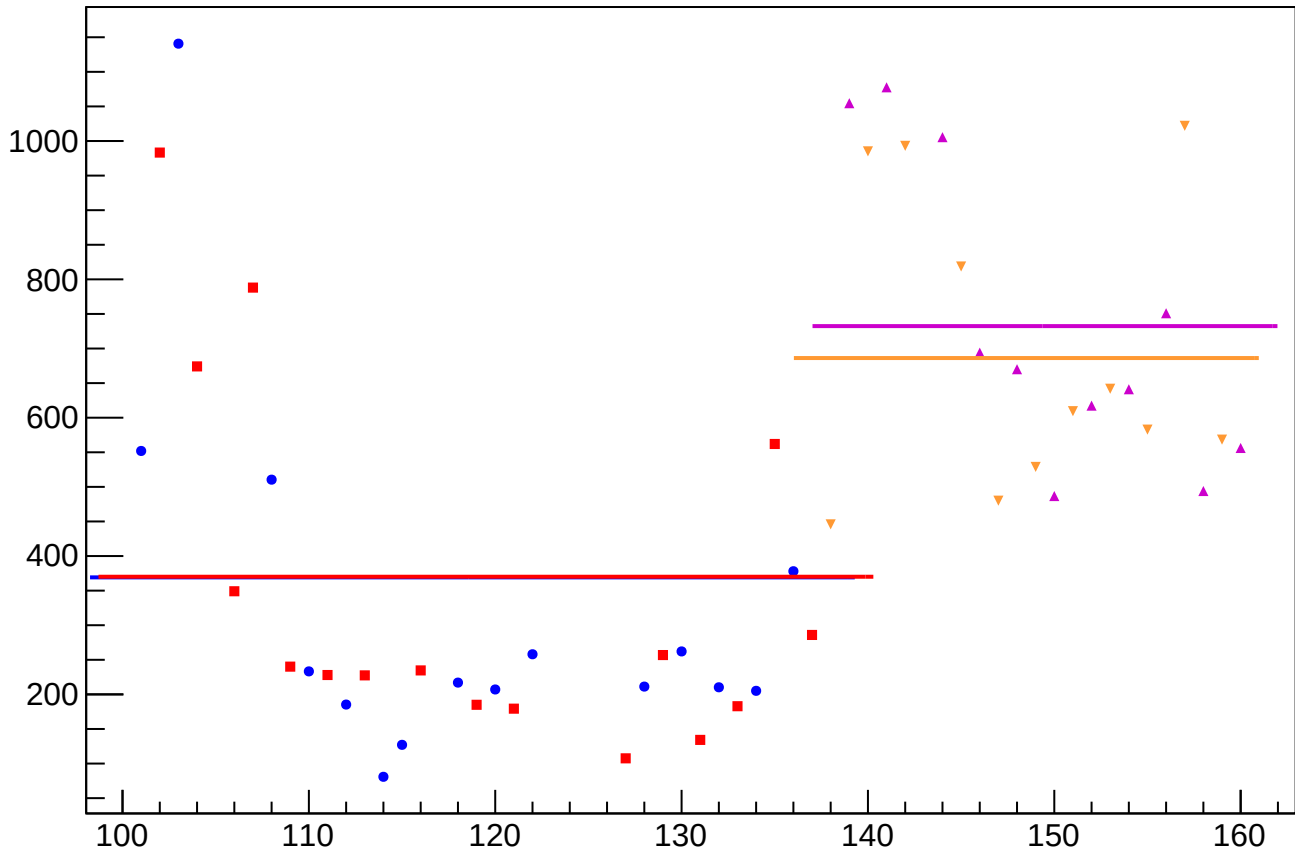
dit_usl_coil1_mean vs Slug



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



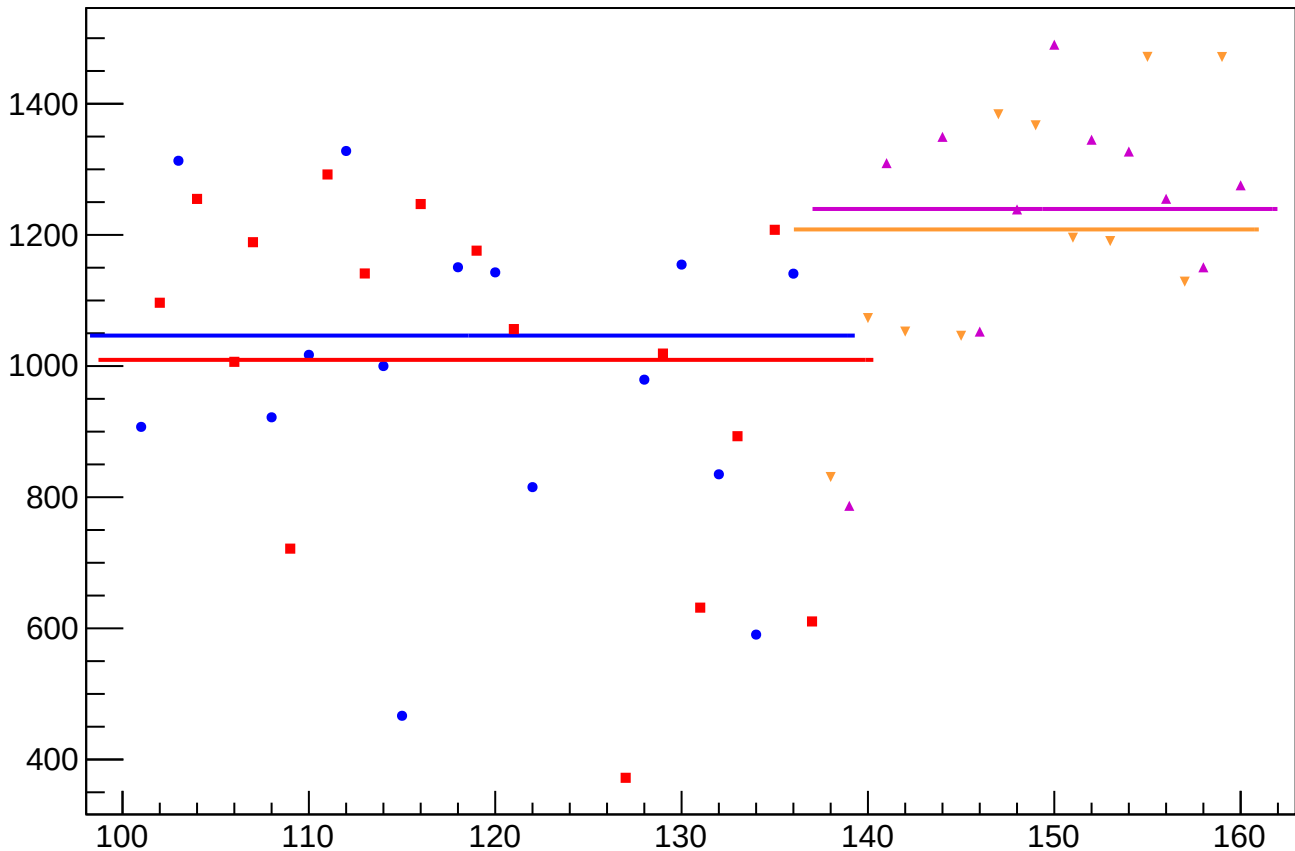
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

Left Out: 686.240+/-0.000 χ^2/NDF : 34417236167842983766159212562513657856.0/10

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

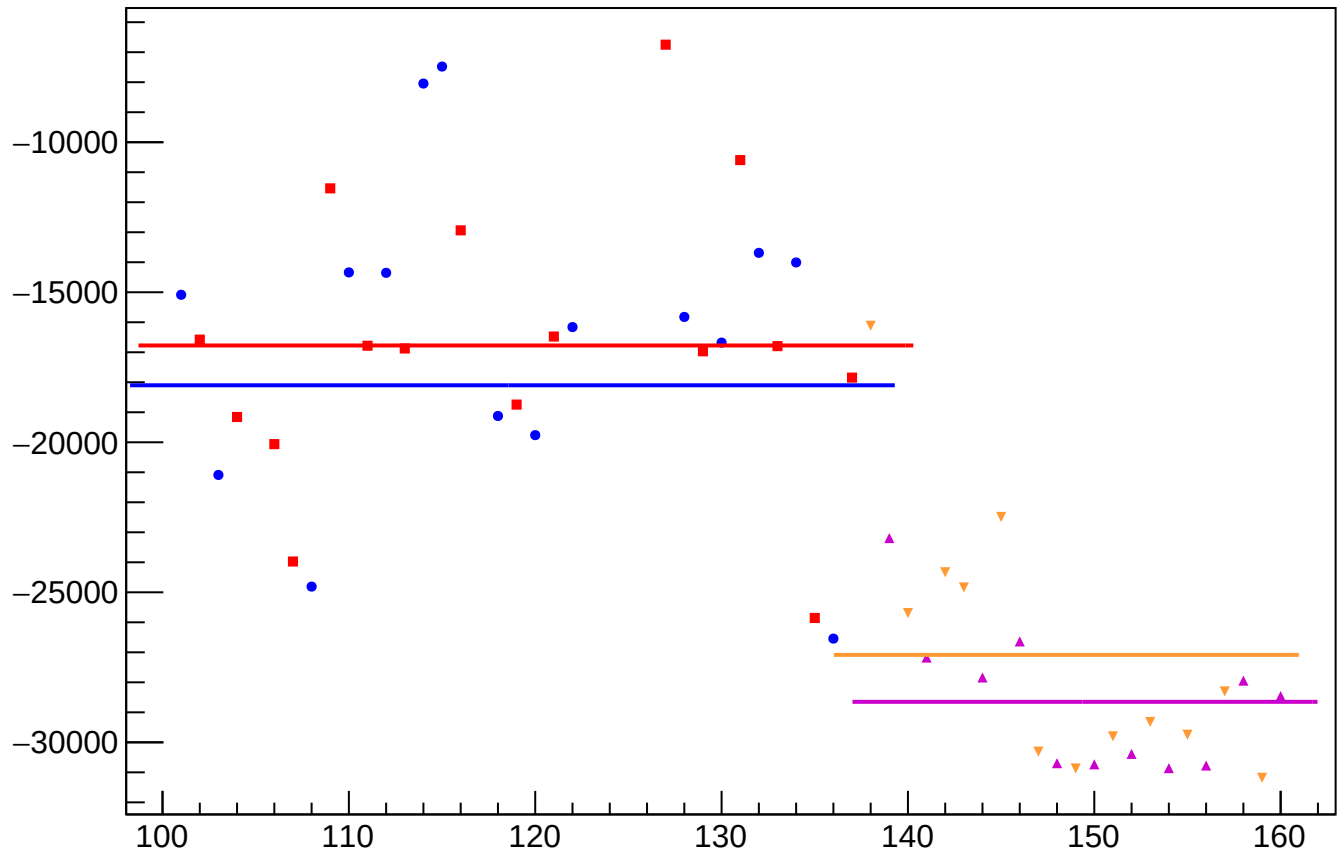
dit_usl_coil1_Ndata_mean vs Slug



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

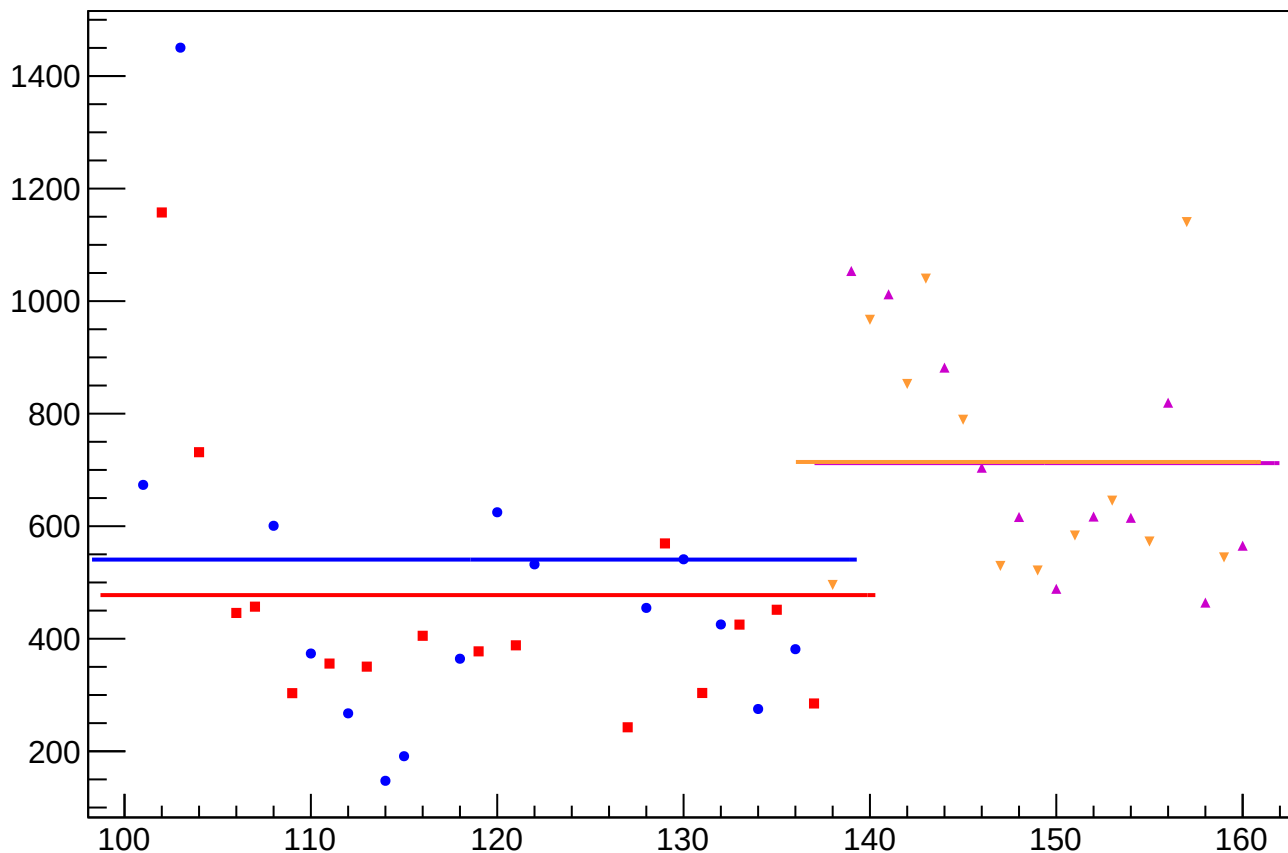
dit_usr_coil1_mean vs Slug



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

+ sign -23354.640+/-0.000 χ^2/NDF : 621850607090
 All: -23514.355+/-0.000 χ^2/NDF : 135979518
 - sign -23671.259+/-0.000 χ^2/NDF : 7371541854107

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF : 43160975478631460248575745928156151808.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

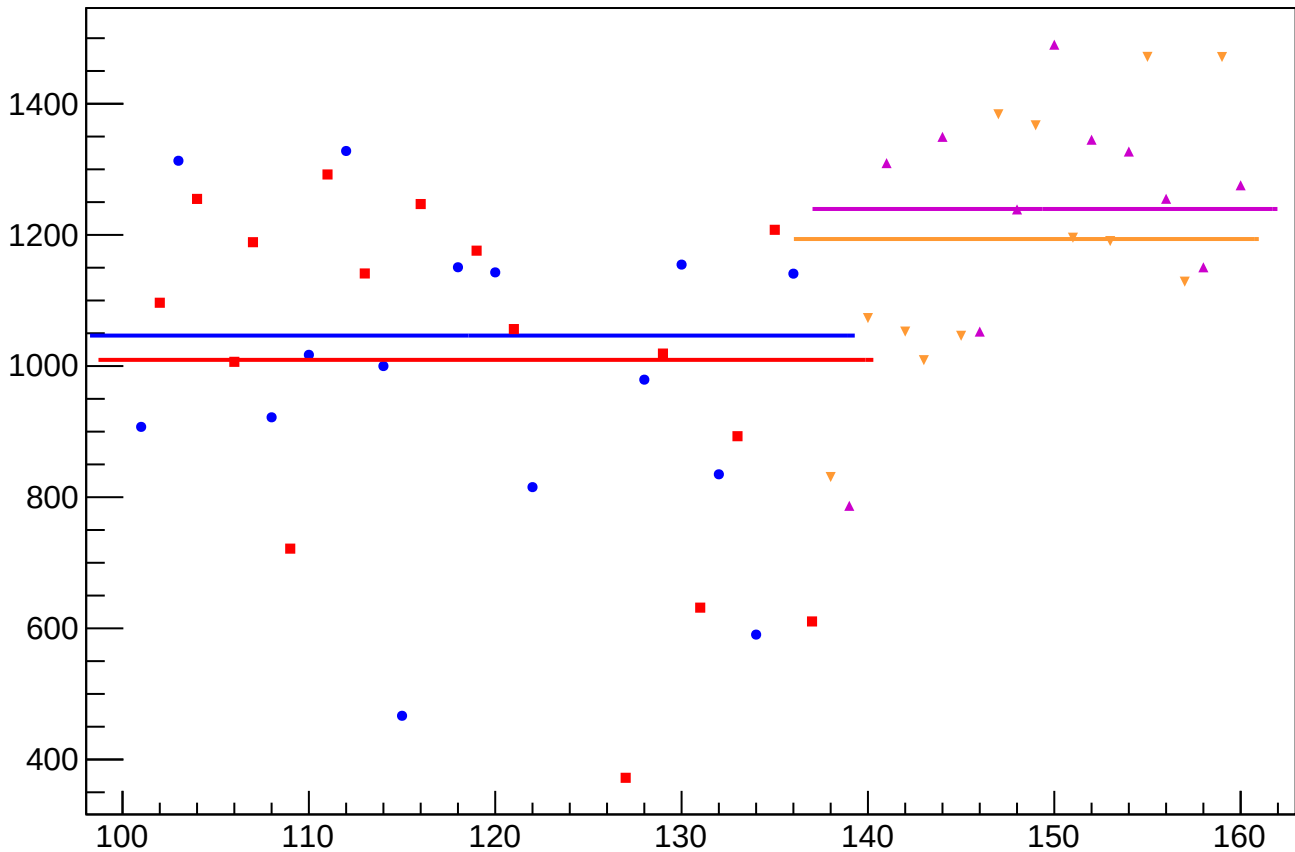
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

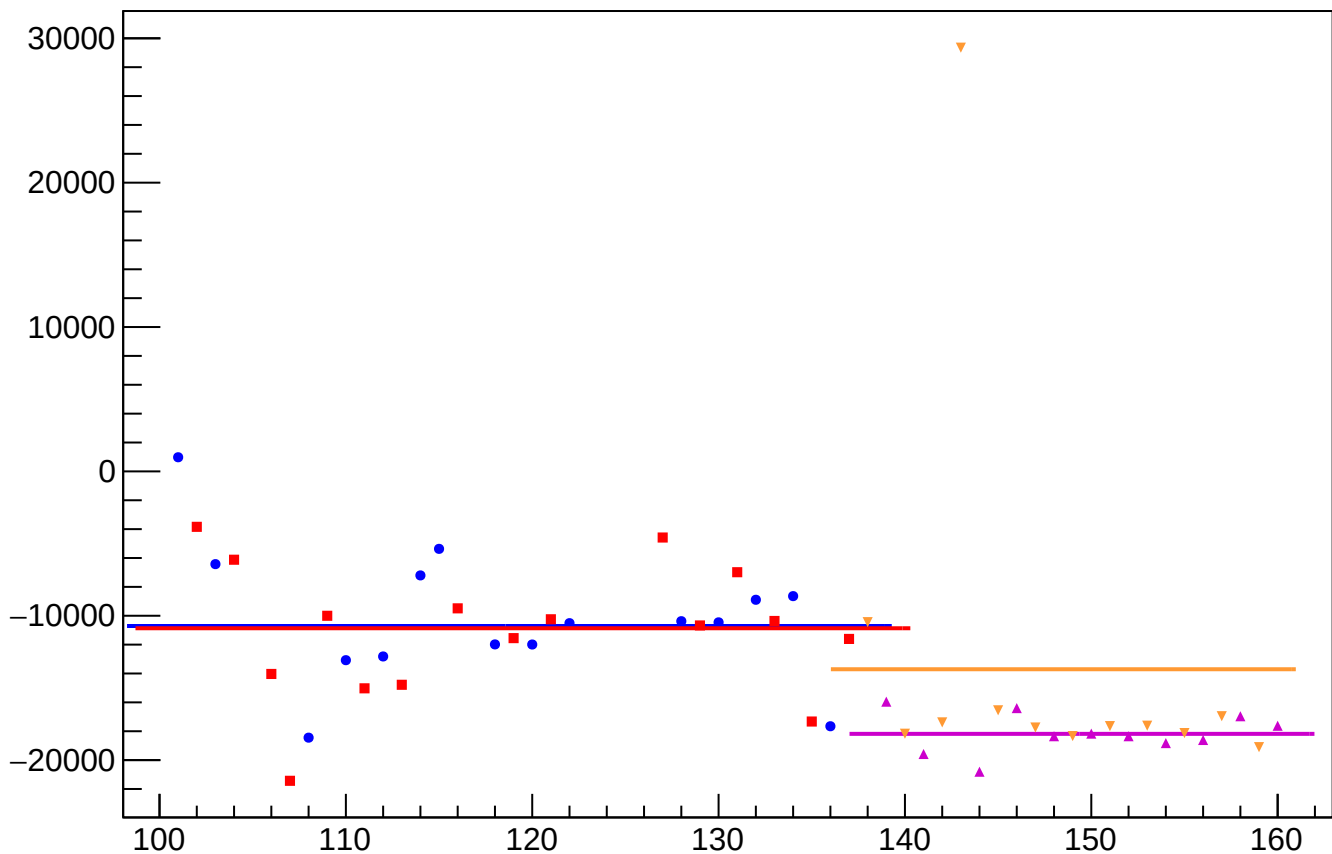
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



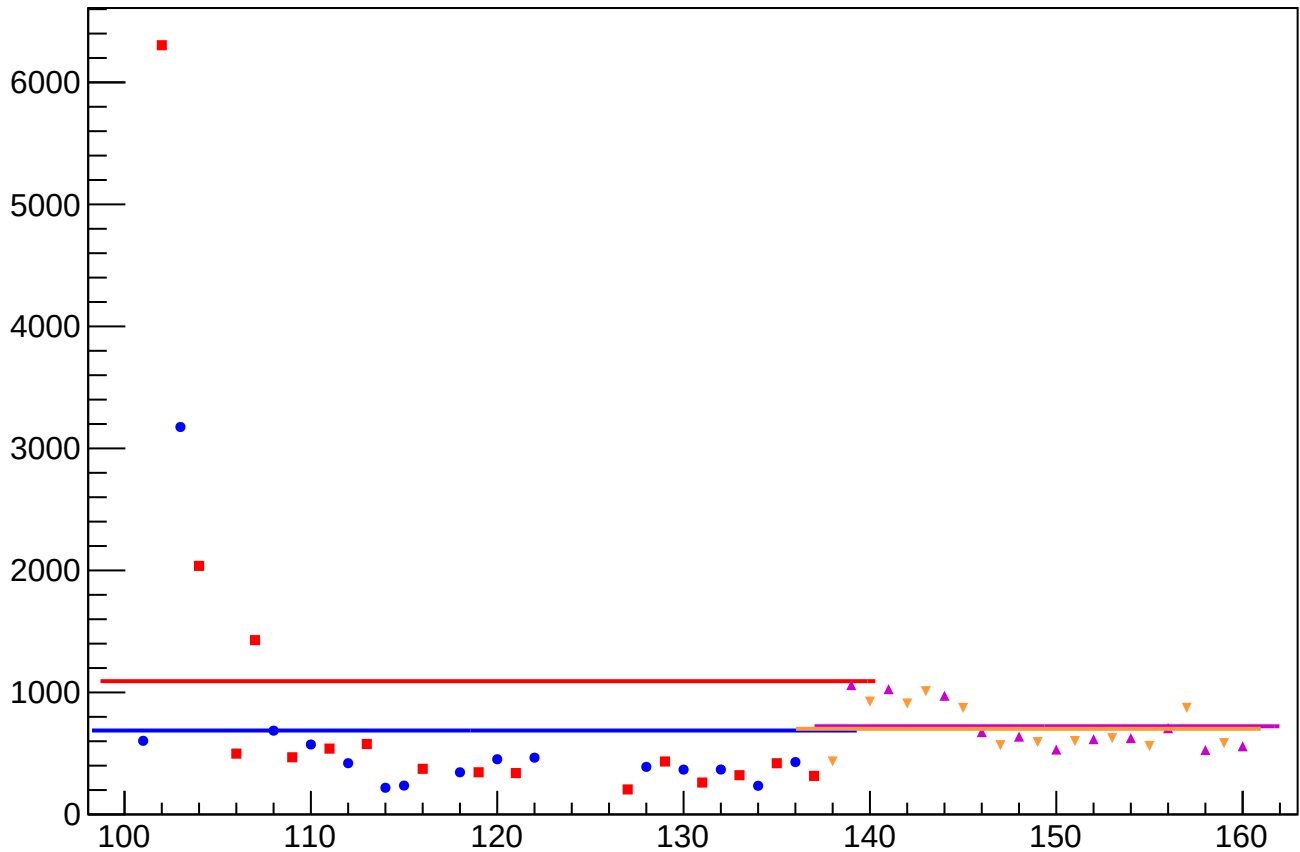
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atl1_coil1_mean vs Slug



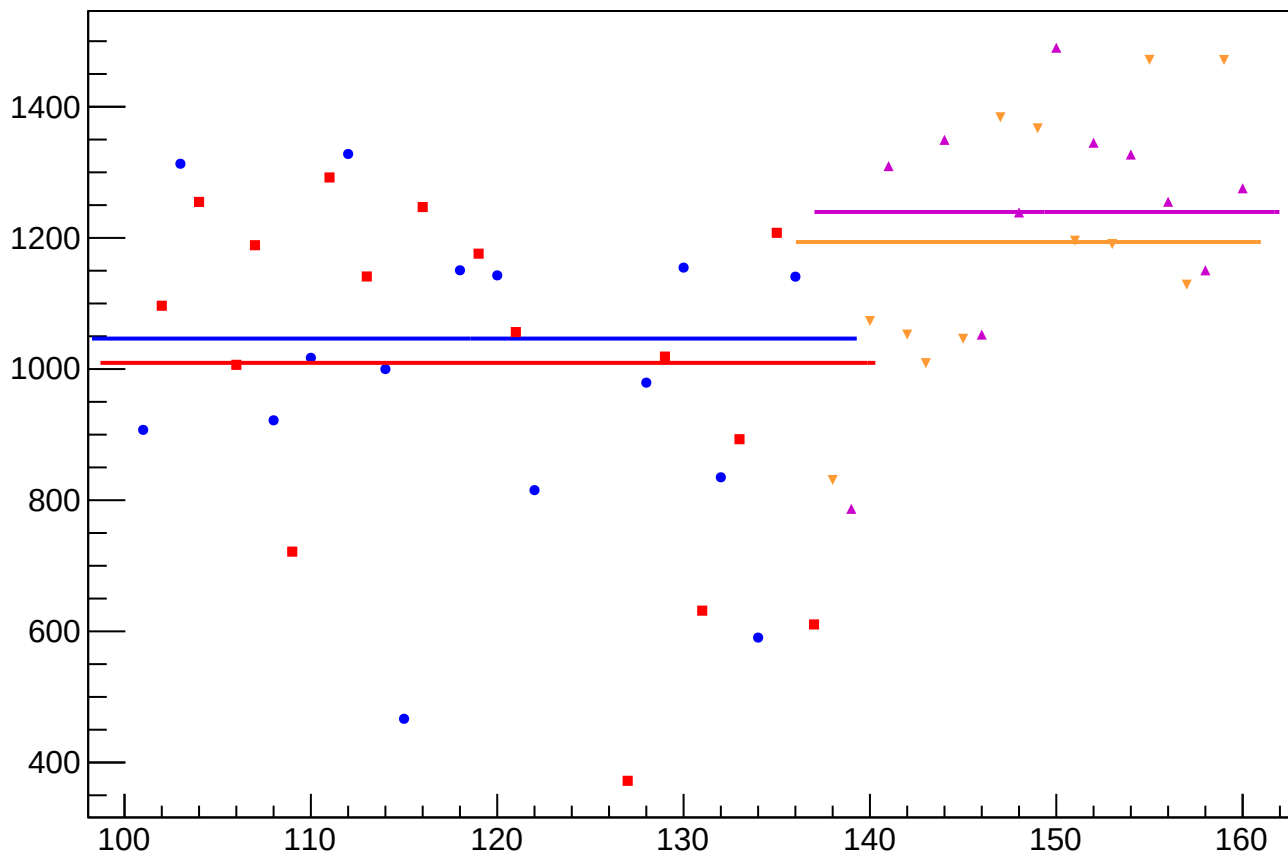
Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -13705.488 ± 0.000 $\chi^2/\text{NDF}: 138226511026527050662319693841079709204480.0/11$
 Right Out: -10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$
 Left In: -18181.504 ± 0.000 $\chi^2/\text{NDF}: 1643617183572647868818914289162838343680.0/10$

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

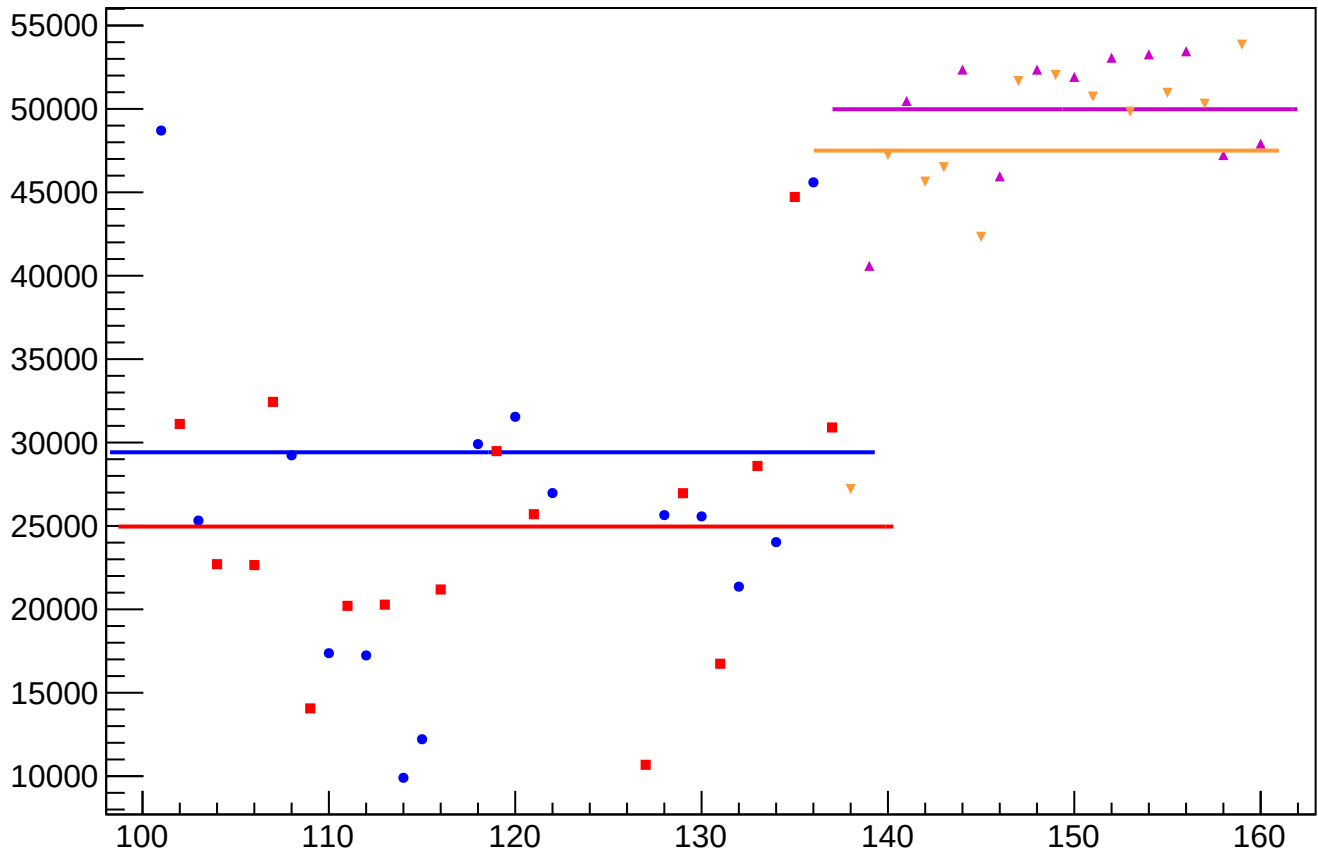
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

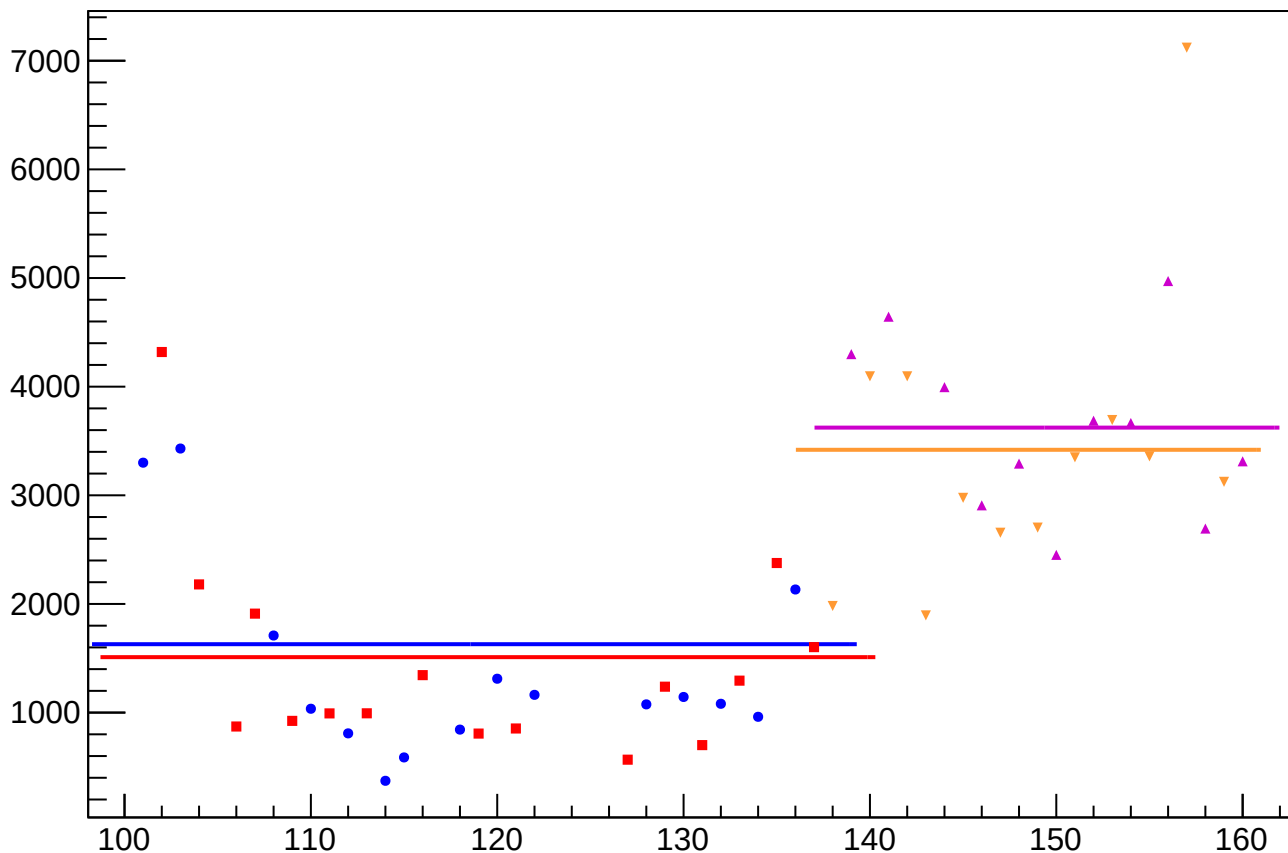
dit_atl2_coil1_mean vs Slug



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

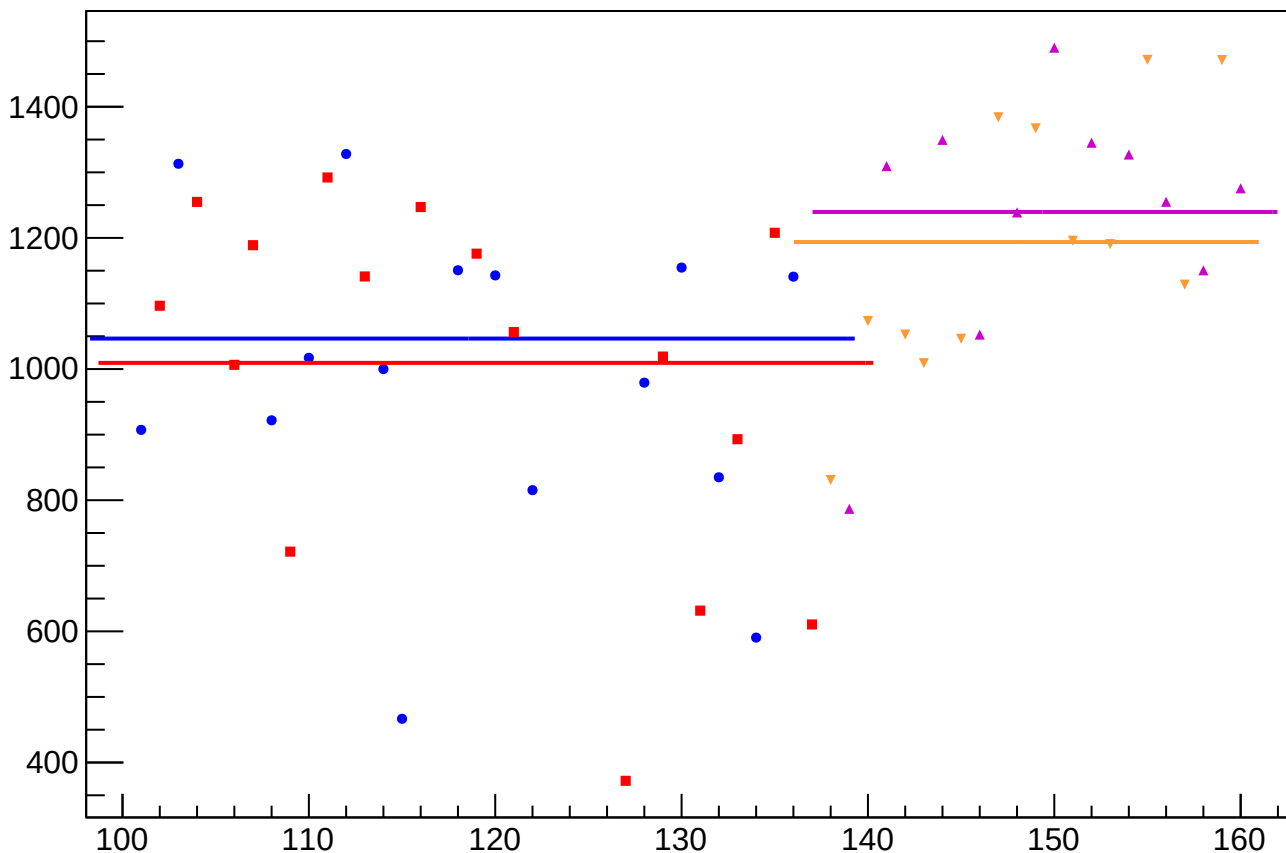
dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14
Left Out: 3418.927+/-0.000	χ^2/NDF : 1575515144069936231955966928879934767104.0/11
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10

+ sign 2675.926+/-0.000 χ^2/NDF : 33424300848042
 All: 2706.904+/-0.000 χ^2/NDF : 63005491565
 - sign 2737.338+/-0.000 χ^2/NDF : 29551454832887

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

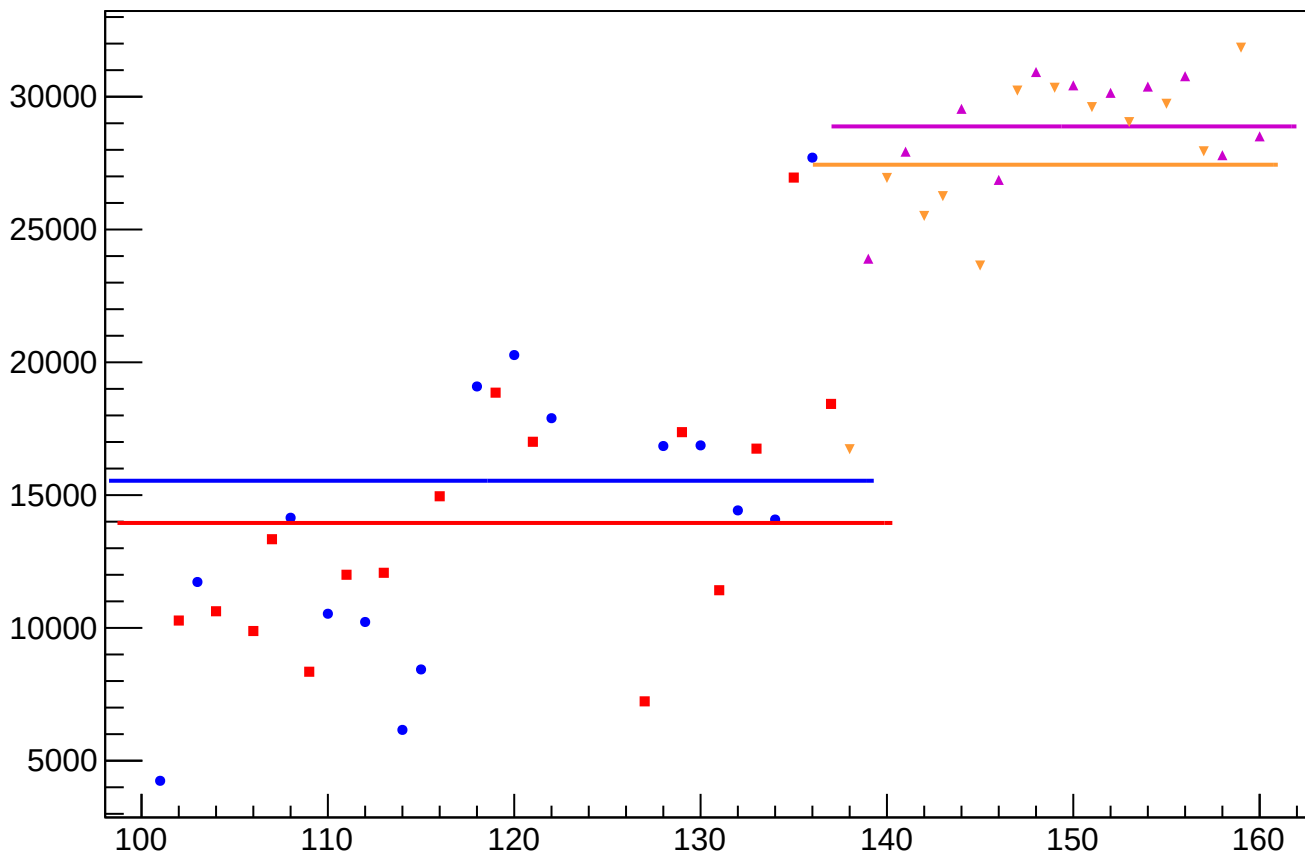
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

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

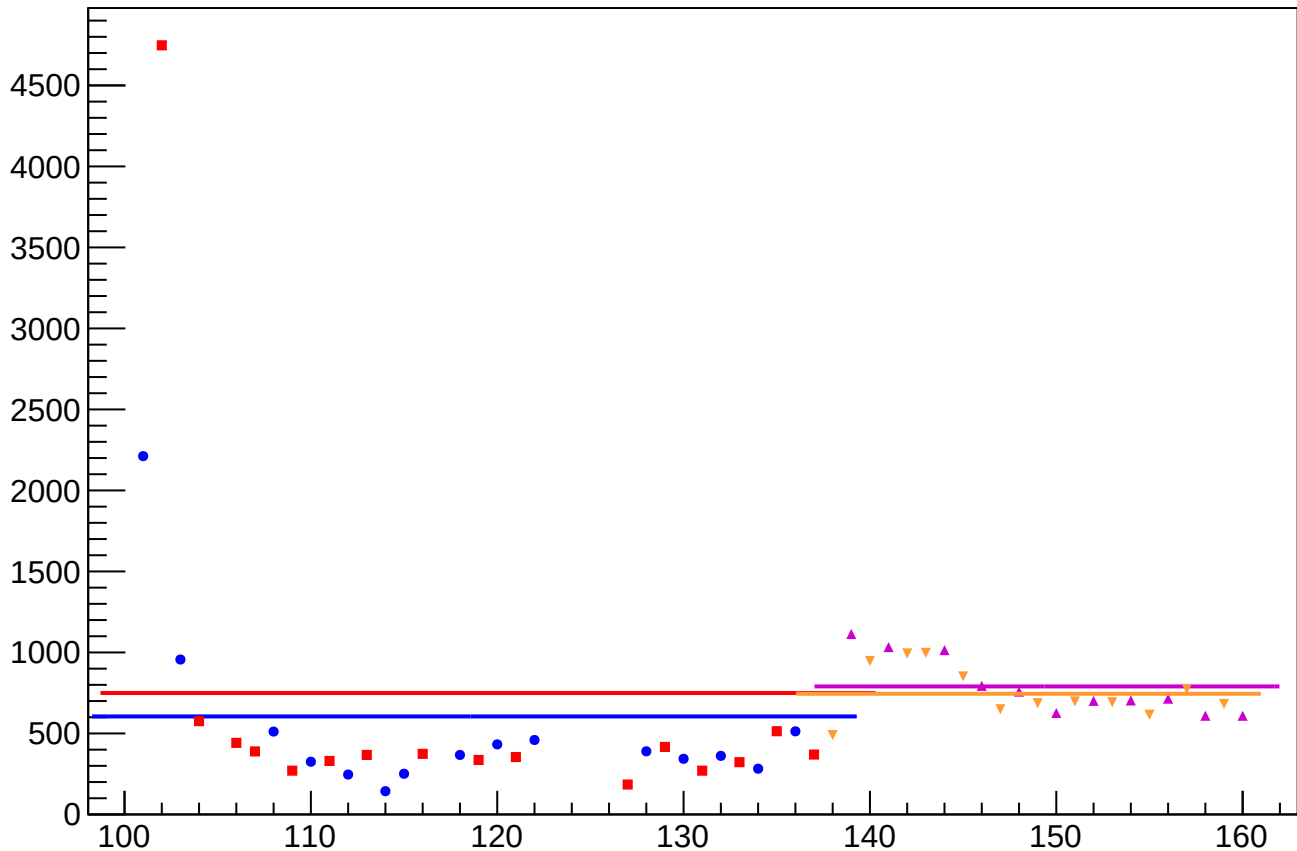
dit_atr1_coil1_mean vs Slug



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

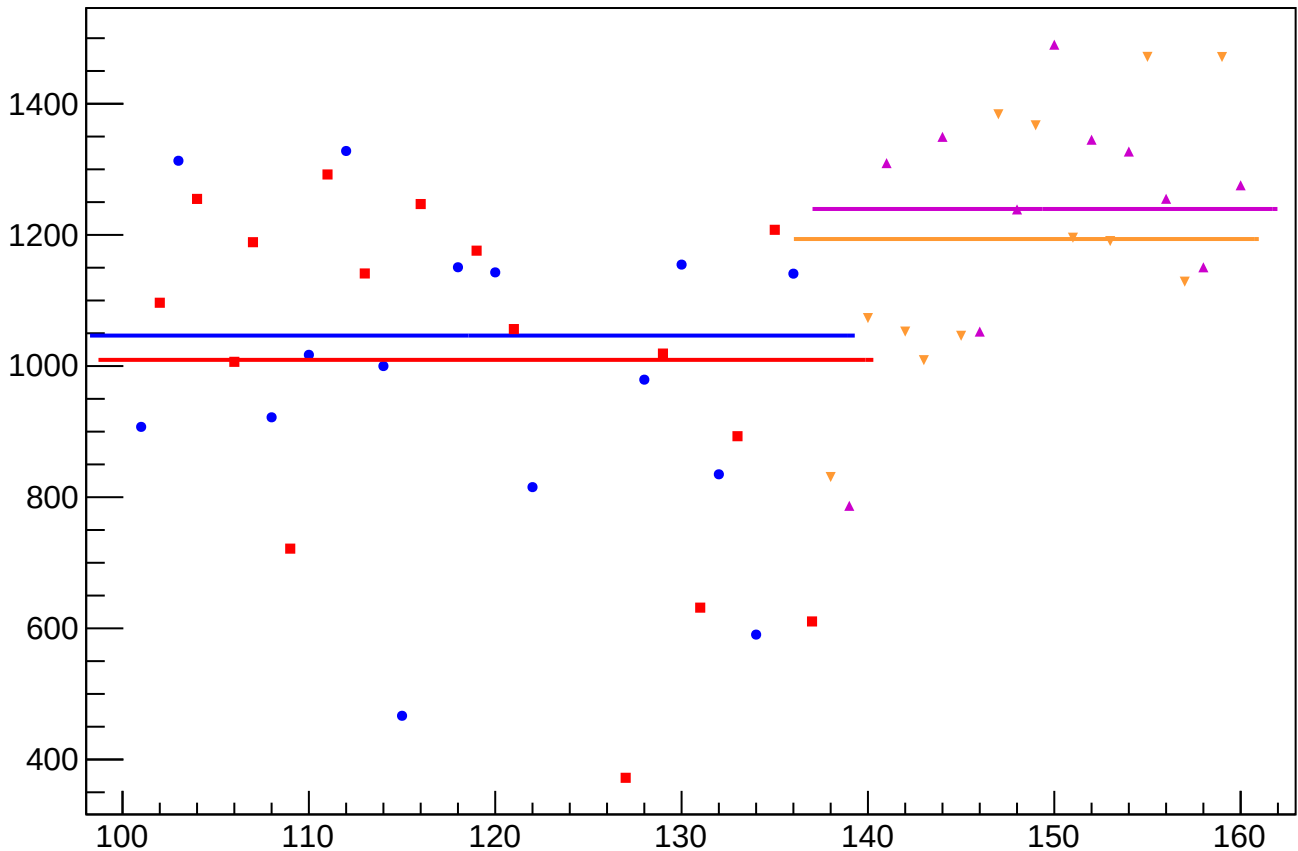
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

All: 730.430+/-0.000 χ^2/NDF : 127166116576

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

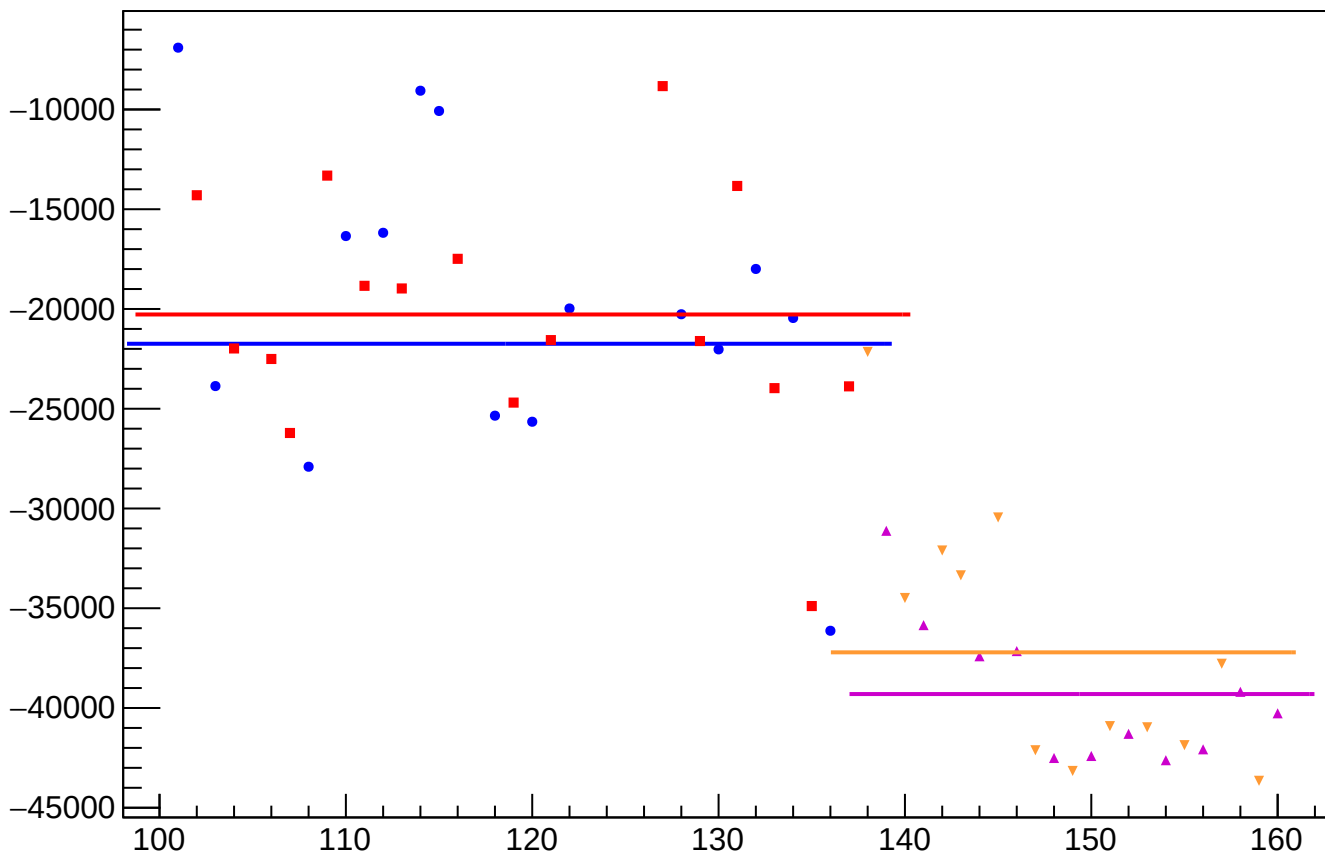
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



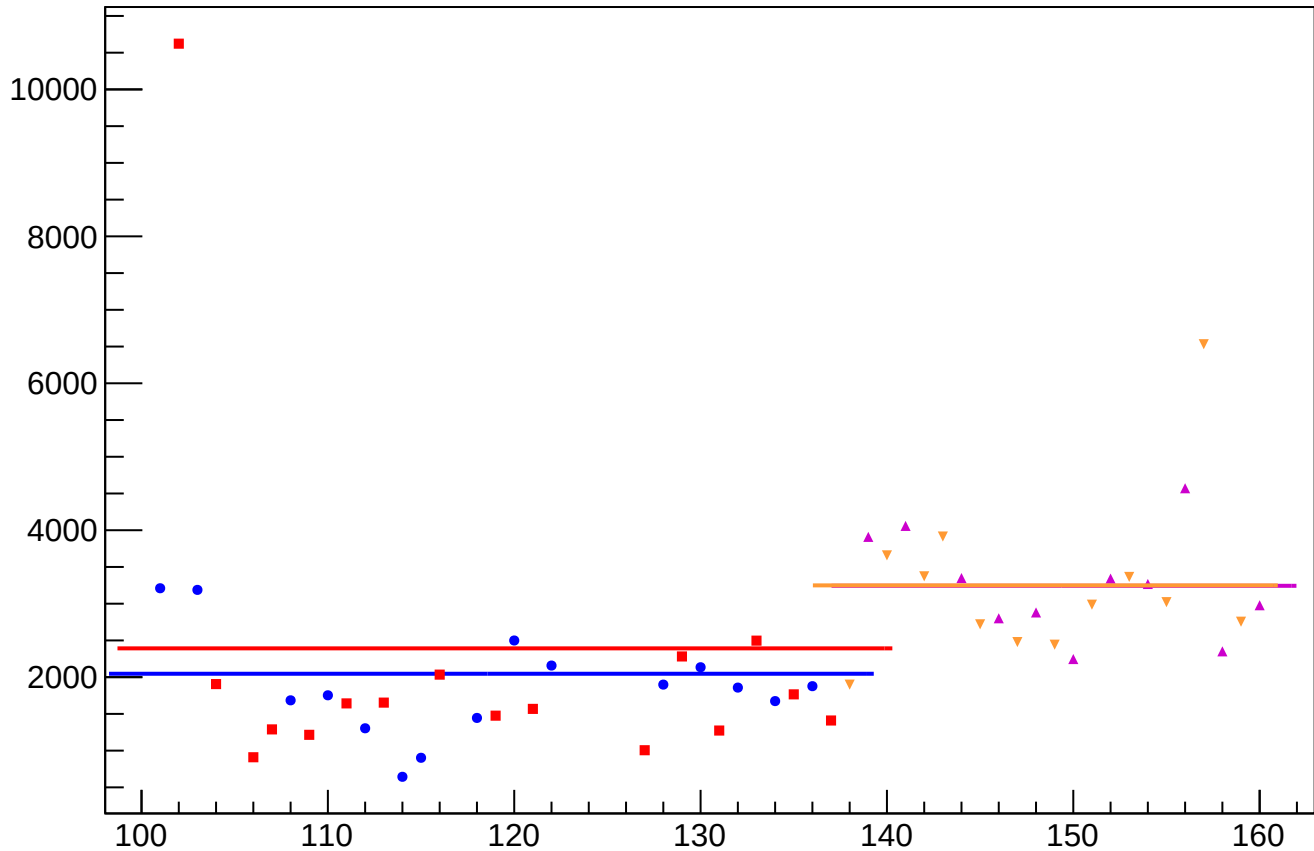
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



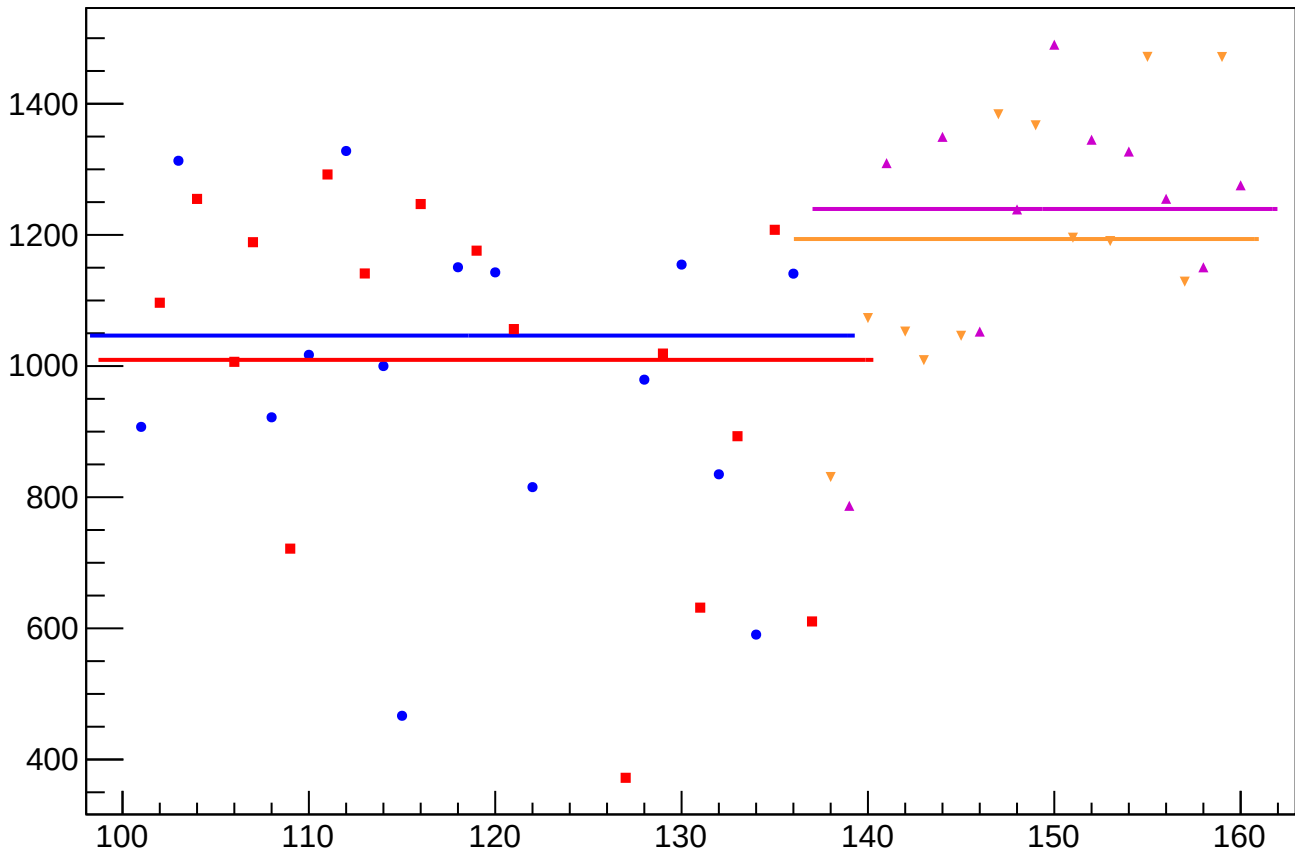
Right In: -21743.360 ± 0.000 $\chi^2/\text{NDF}: 41106858823579527325198675675398793068544.0/14$
 Left Out: -37210.761 ± 0.000 $\chi^2/\text{NDF}: 36234813568101266501920845904945520574464.0/11$
 Right Out: -20275.415 ± 0.000 $\chi^2/\text{NDF}: 25935869132092920231681532417627320745984.0/15$
 Left In: -39301.203 ± 0.000 $\chi^2/\text{NDF}: 10890557195828480655850873156116452212736.0/10$

dit_atr2_coil1_err_mean vs Slug



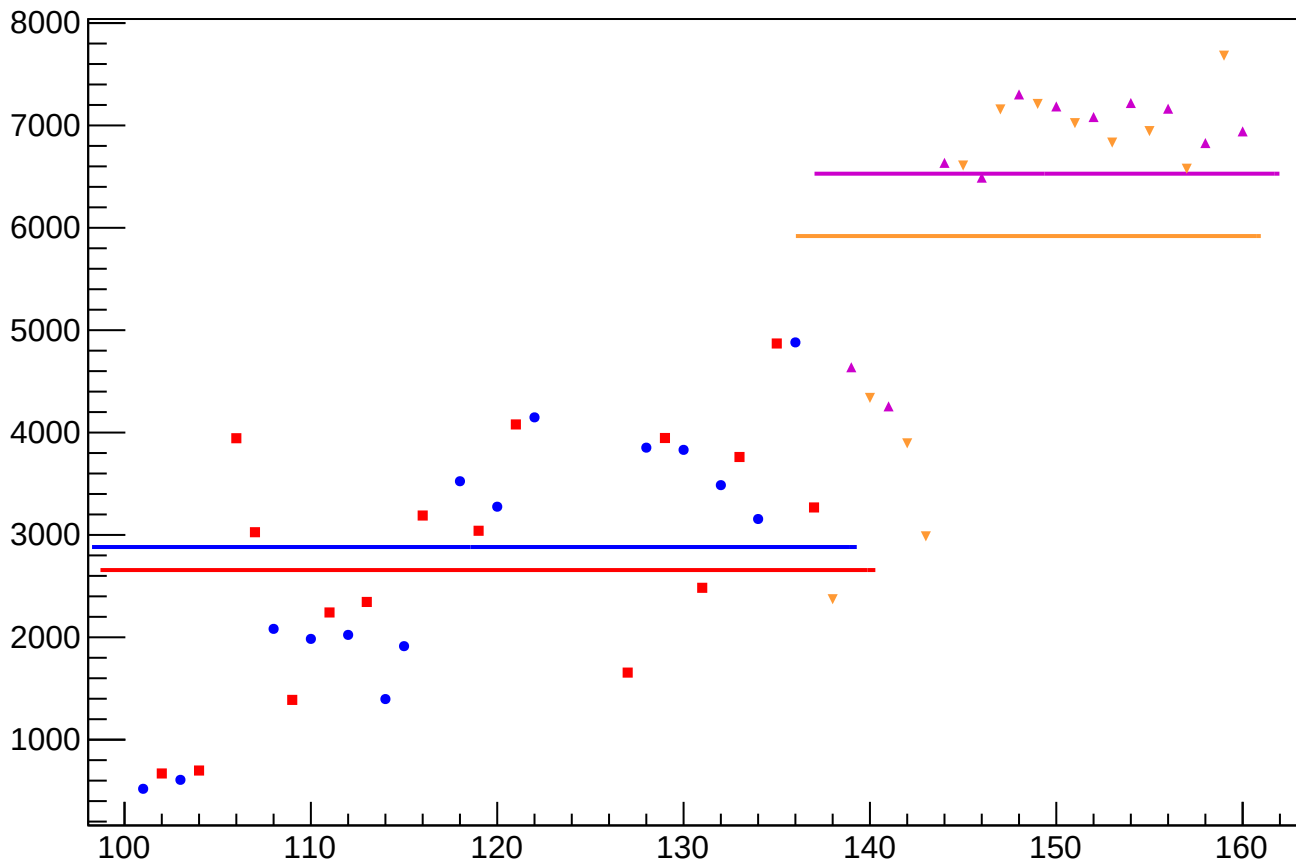
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



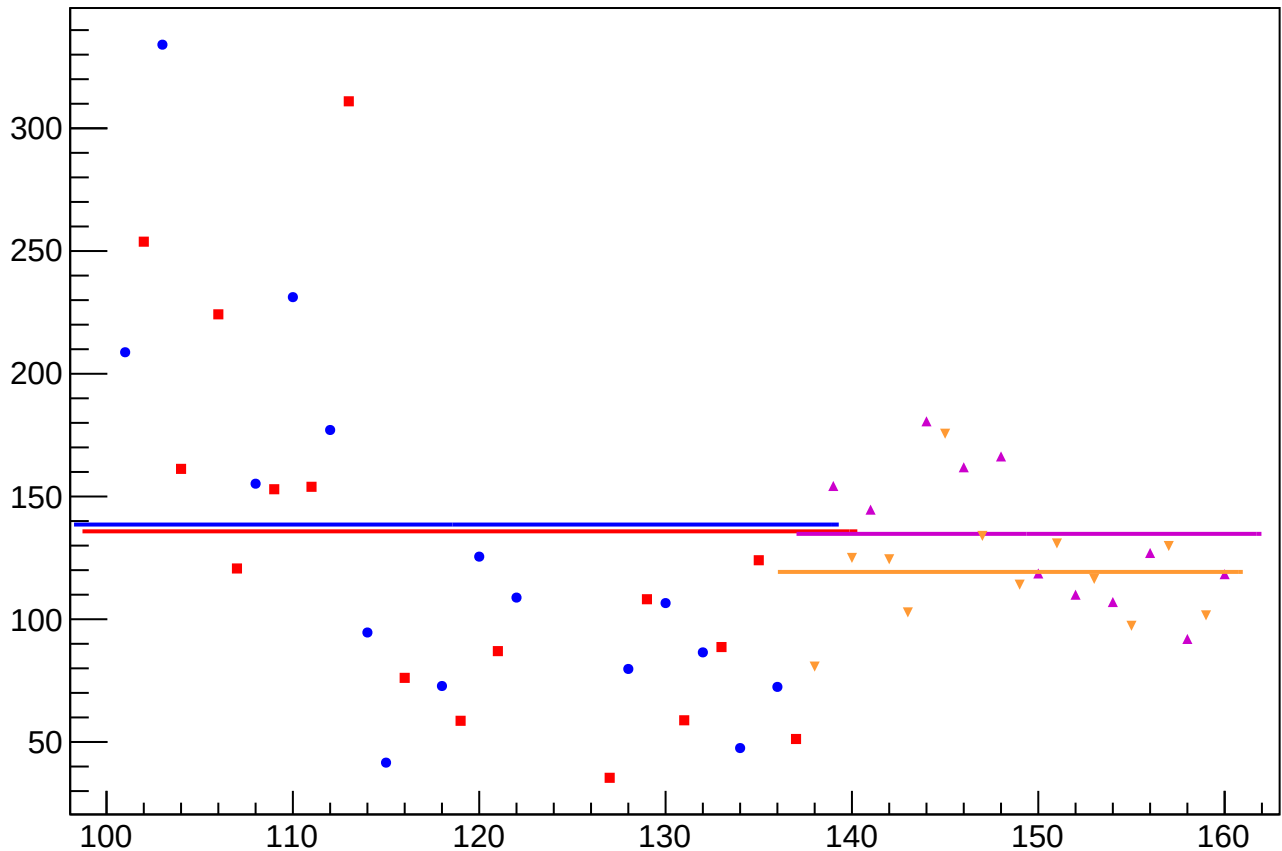
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



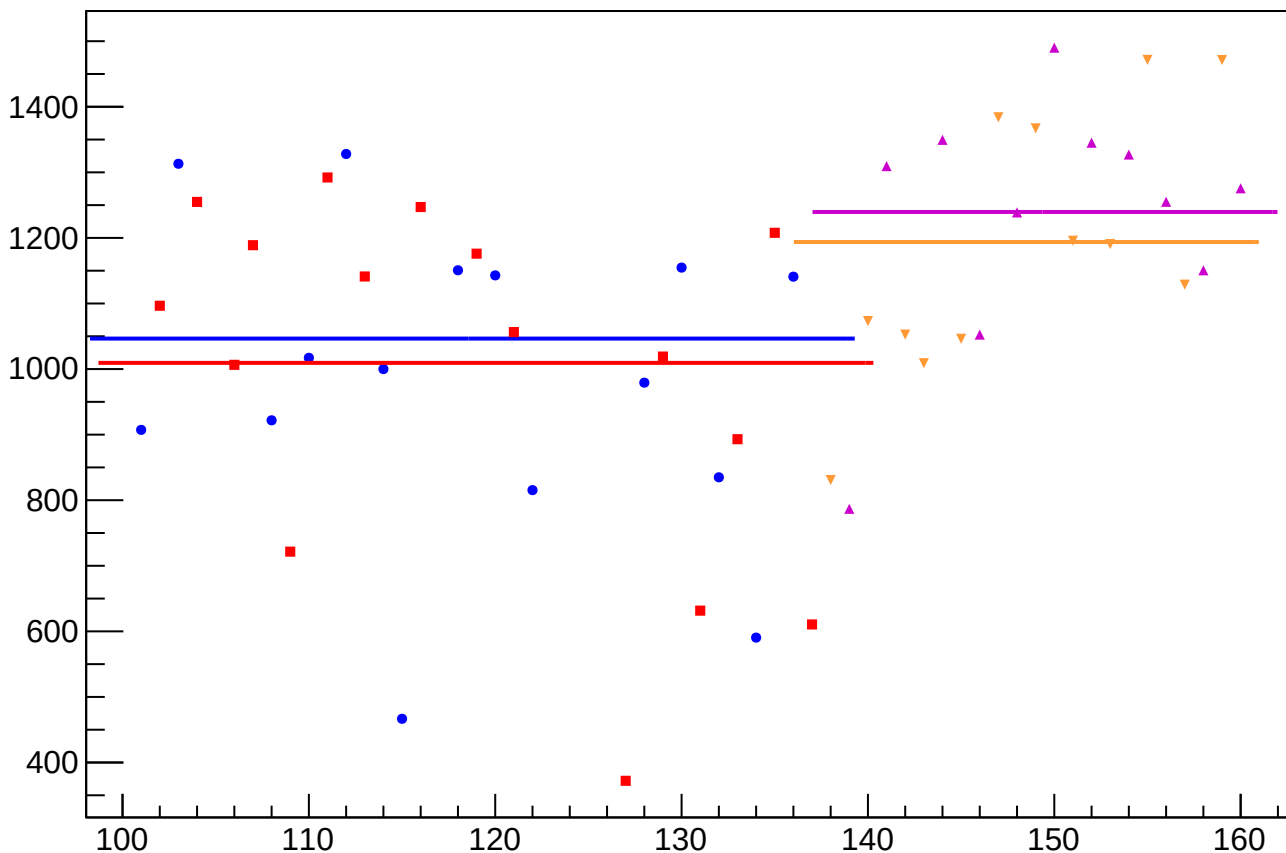
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5919.511+/-0.000 χ^2/NDF : 2779072700024845827027981240176985767936.0/11
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6528.681+/-0.000 χ^2/NDF : 940619832290547661204641528694924378112.0/10

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14	+ sign 127.294+/-0.000	χ^2/NDF : 487151185585046
Left Out: 119.282+/-0.000	χ^2/NDF : 487845779395217879153815293985292288.0/11	All: 131.289+/-0.000	χ^2/NDF : 956758975873
Right Out: 135.809+/-0.000	χ^2/NDF : 3956401741862524263243160868173643776.0/15	- sign 135.214+/-0.000	χ^2/NDF : 464661599123883
Left In: 134.785+/-0.000	χ^2/NDF : 689808602632315539029860685392642048.0/10		

dit_sam1_coil1_Ndata_mean vs Slug



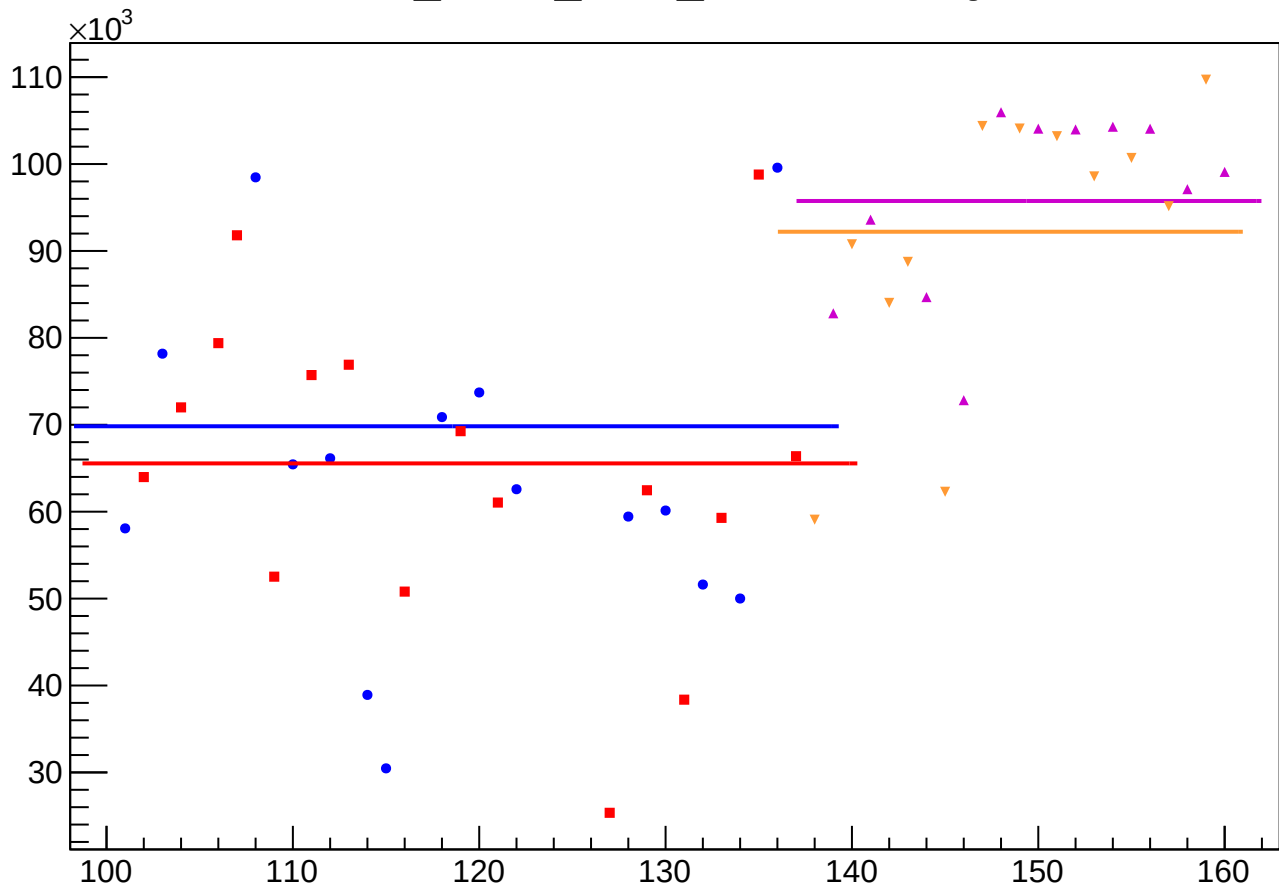
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

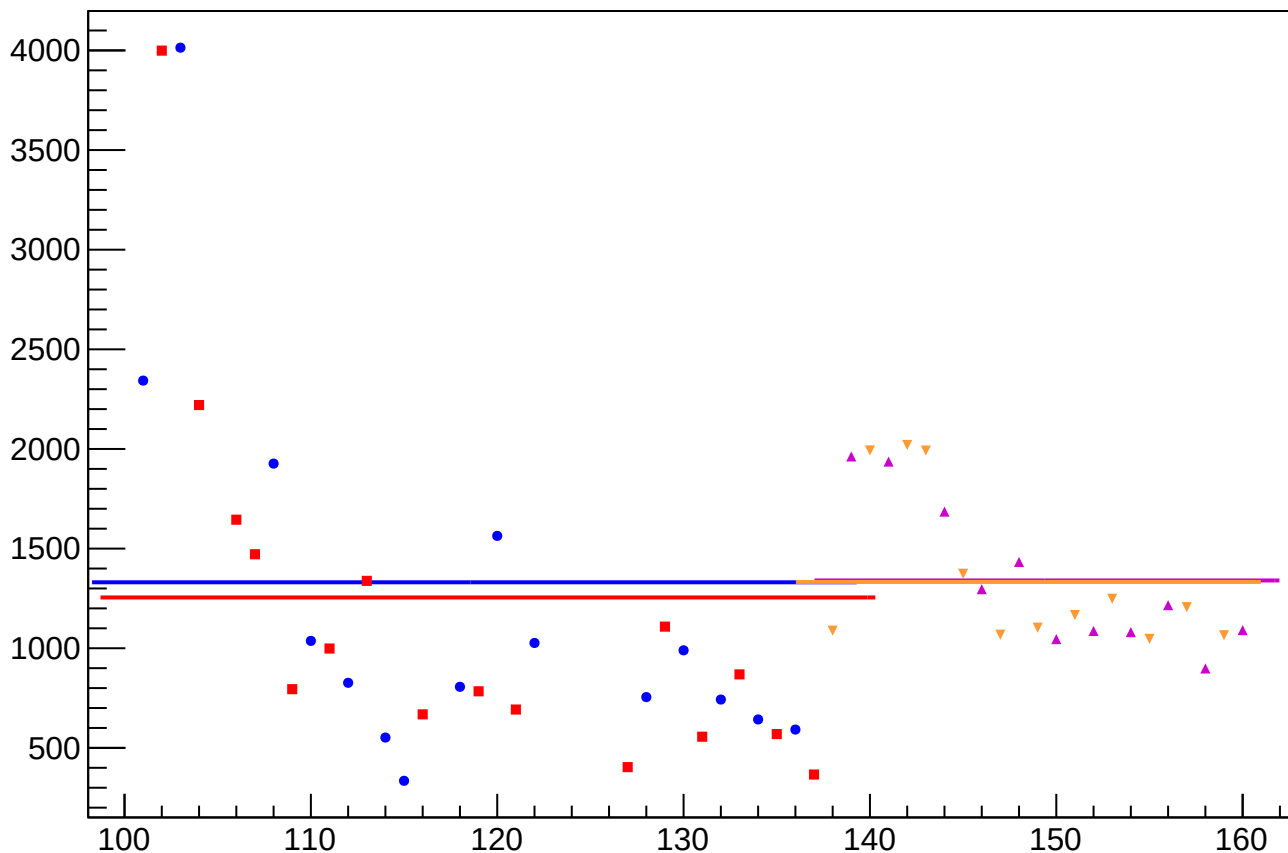
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 92210.698 $\pm$ 0.000	χ^2 /NDF: 226577476657807585202083767685360289579008.0/11
Right Out: 65555.147 $\pm$ 0.000	χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
Left In: 95749.411 $\pm$ 0.000	χ^2 /NDF: 102376761881530271427340284738693826084864.0/10

+ sign 82916.711 $\pm$ 0.000 χ^2 /NDF: 6045168976255
 All: 83004.616 $\pm$ 0.000 χ^2 /NDF: 1272083143
 - sign 83090.974 $\pm$ 0.000 χ^2 /NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14

Left Out: 1332.669+/-0.000 χ^2/NDF : 117488793251165999850417206895273050112.0/11

Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15

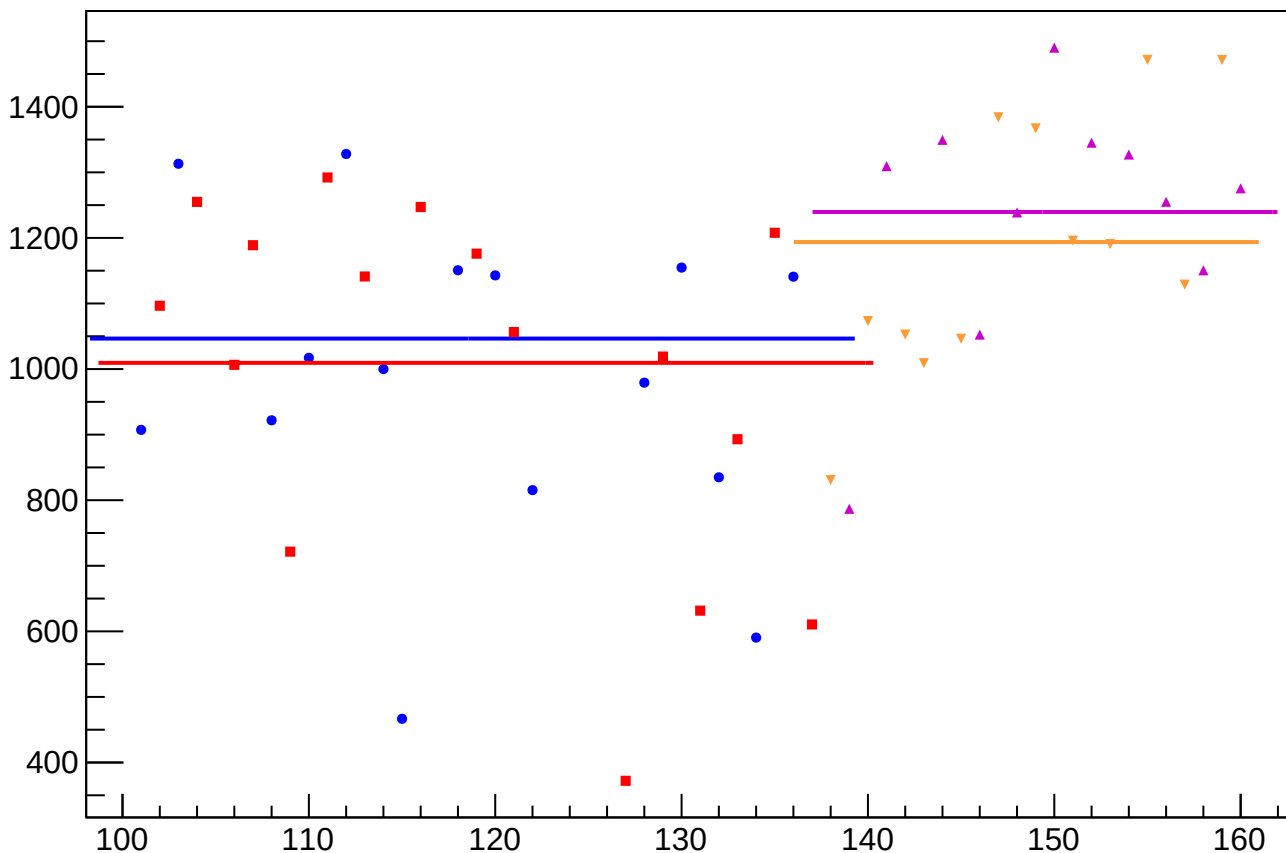
Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

+ sign 1331.958+/-0.000 χ^2/NDF : 76697117094463

All: 1318.066+/-0.000 χ^2/NDF : 15167335846

- sign 1304.419+/-0.000 χ^2/NDF : 74916446361161

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

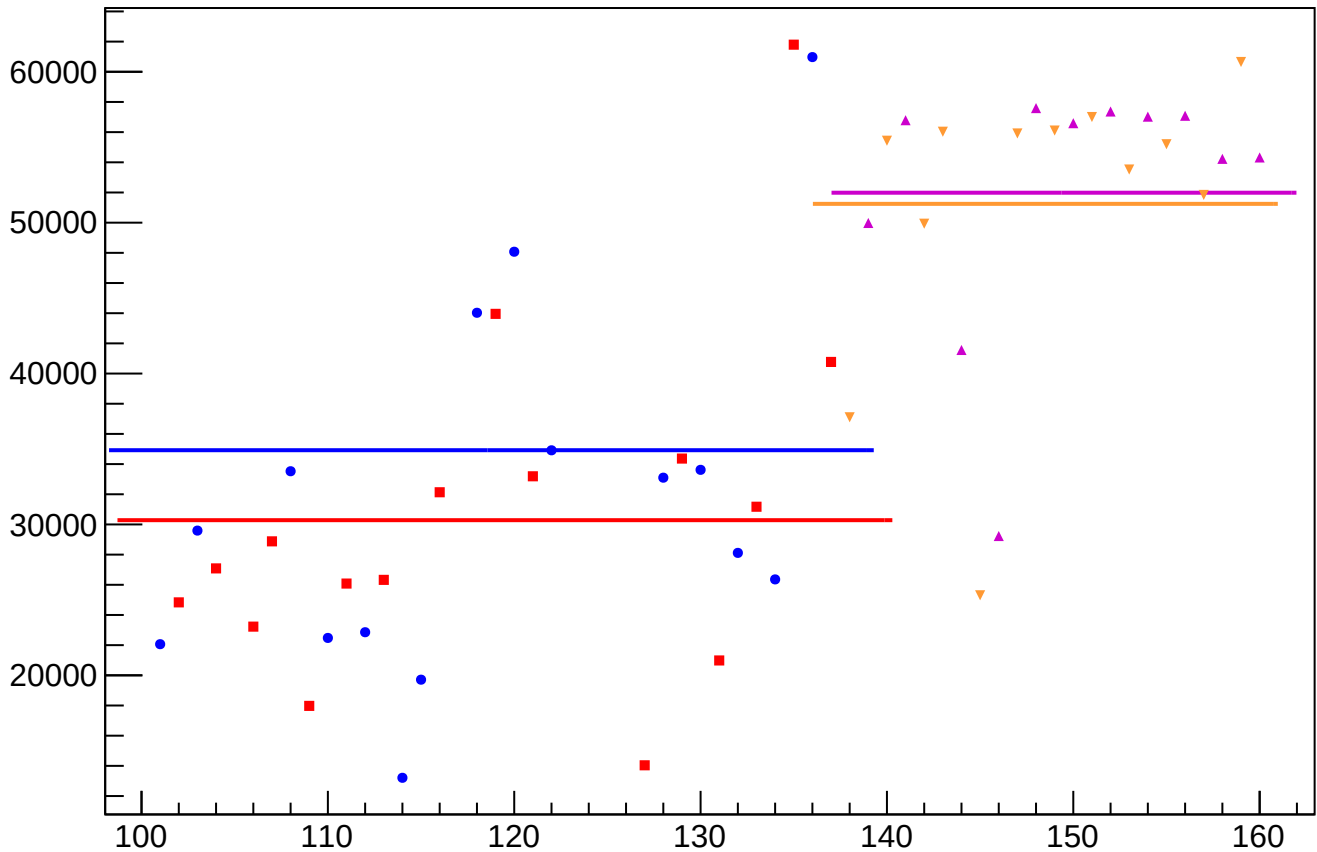
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

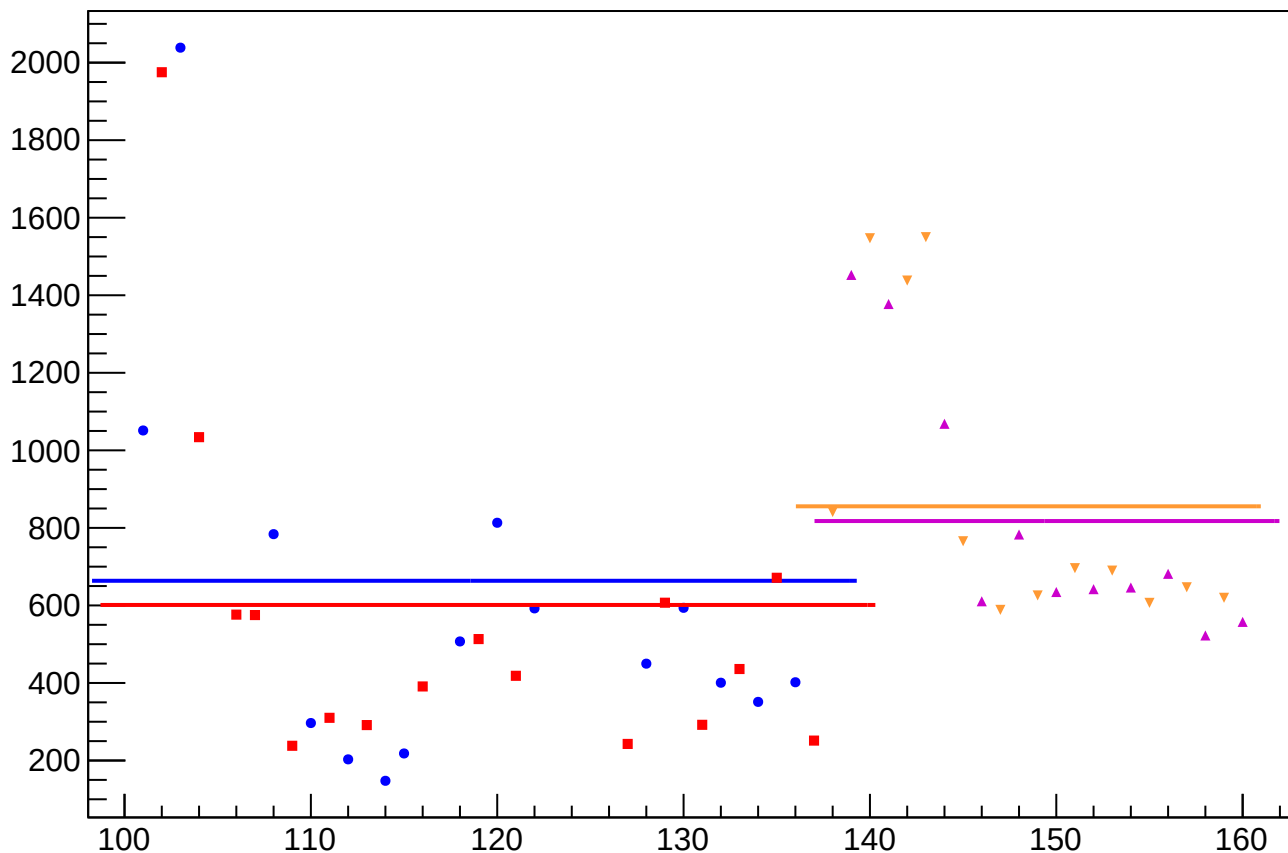
dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 51246.568+/-0.000	χ^2/NDF : 86168540614102445062046954668602534395904.0/11
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 51985.374+/-0.000	χ^2/NDF : 67172587579518863379504132116294676774912.0/10

+ sign 44467.216+/-0.000 χ^2/NDF : 2937224586407
 All: 43669.971+/-0.000 χ^2/NDF : 6336704207
 - sign 42886.756+/-0.000 χ^2/NDF : 3379785593938

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 855.627+/-0.000 χ^2/NDF : 114895226746628689144721696446463606784.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

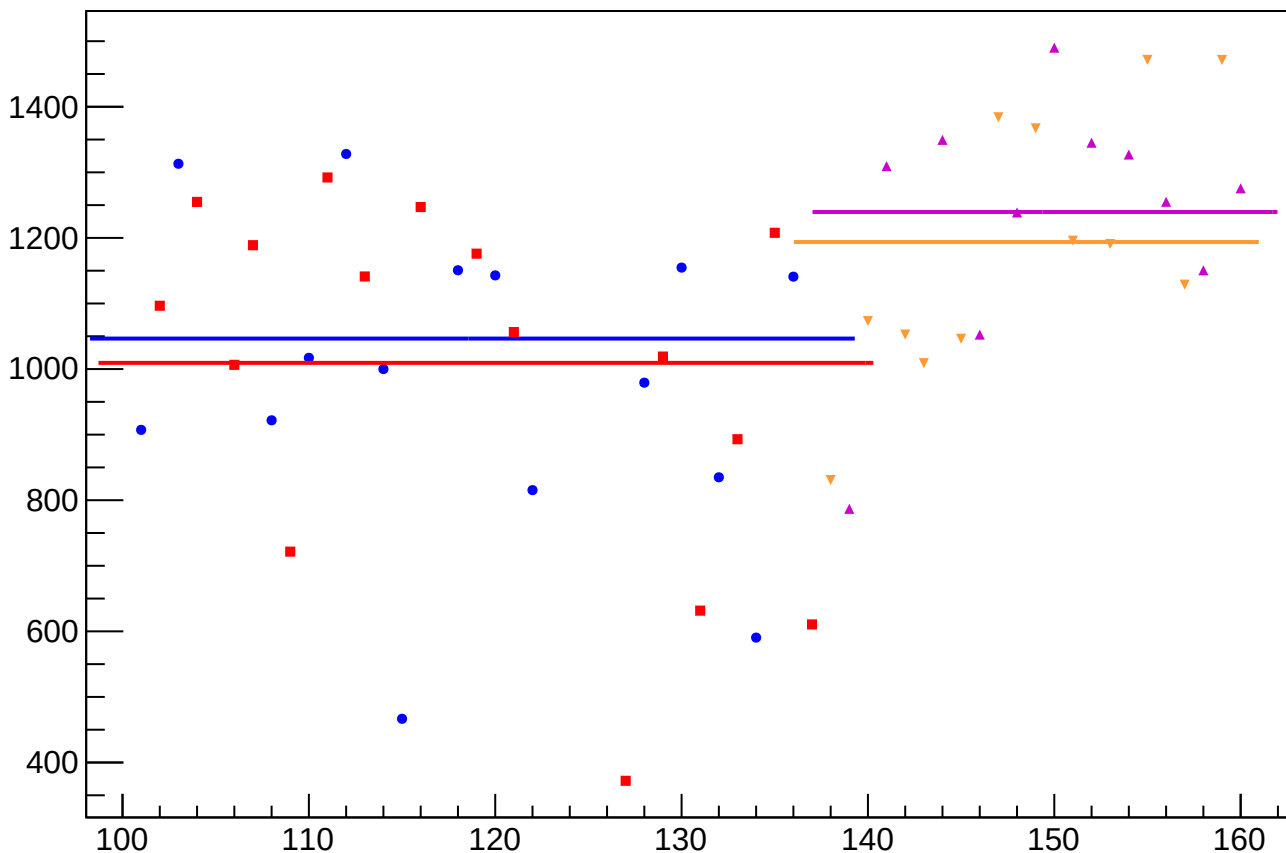
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

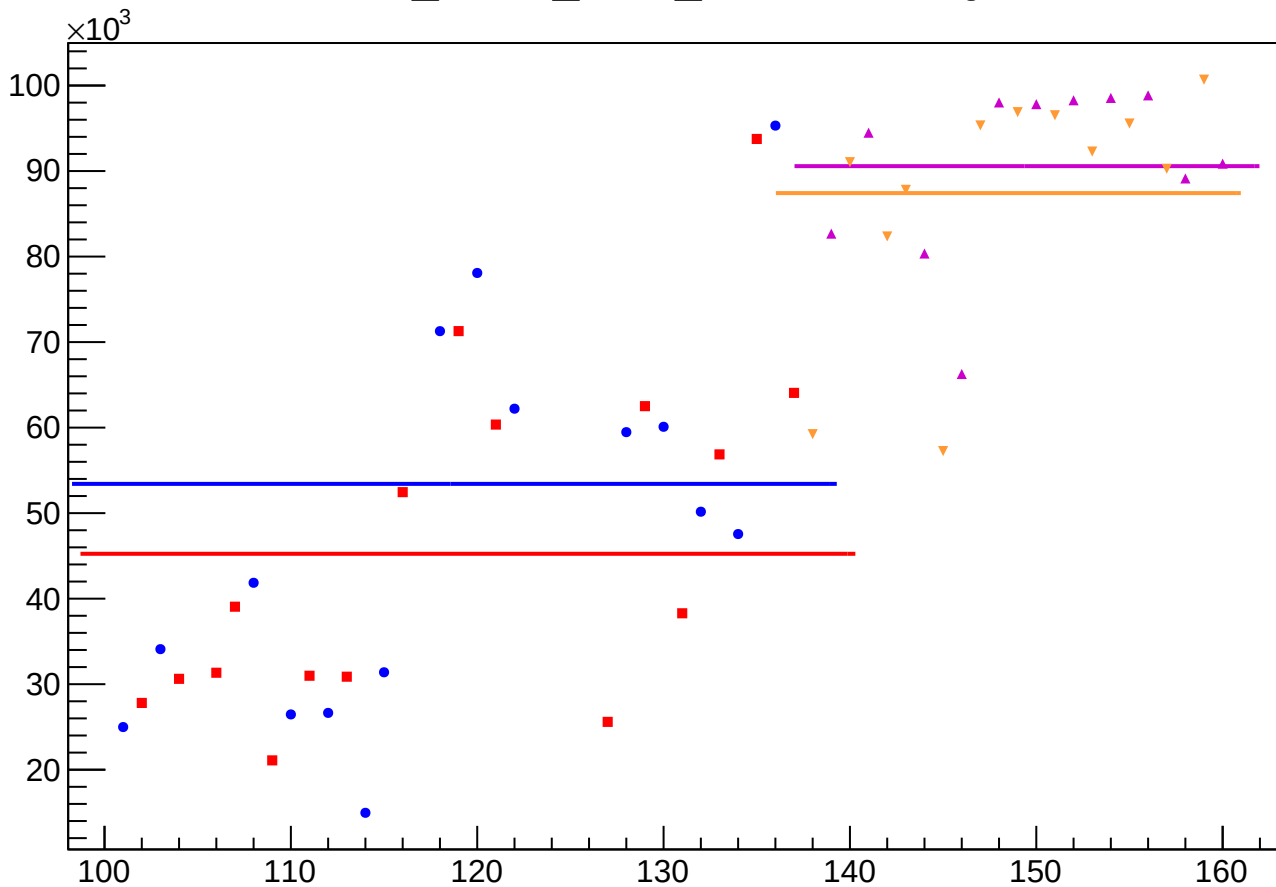
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

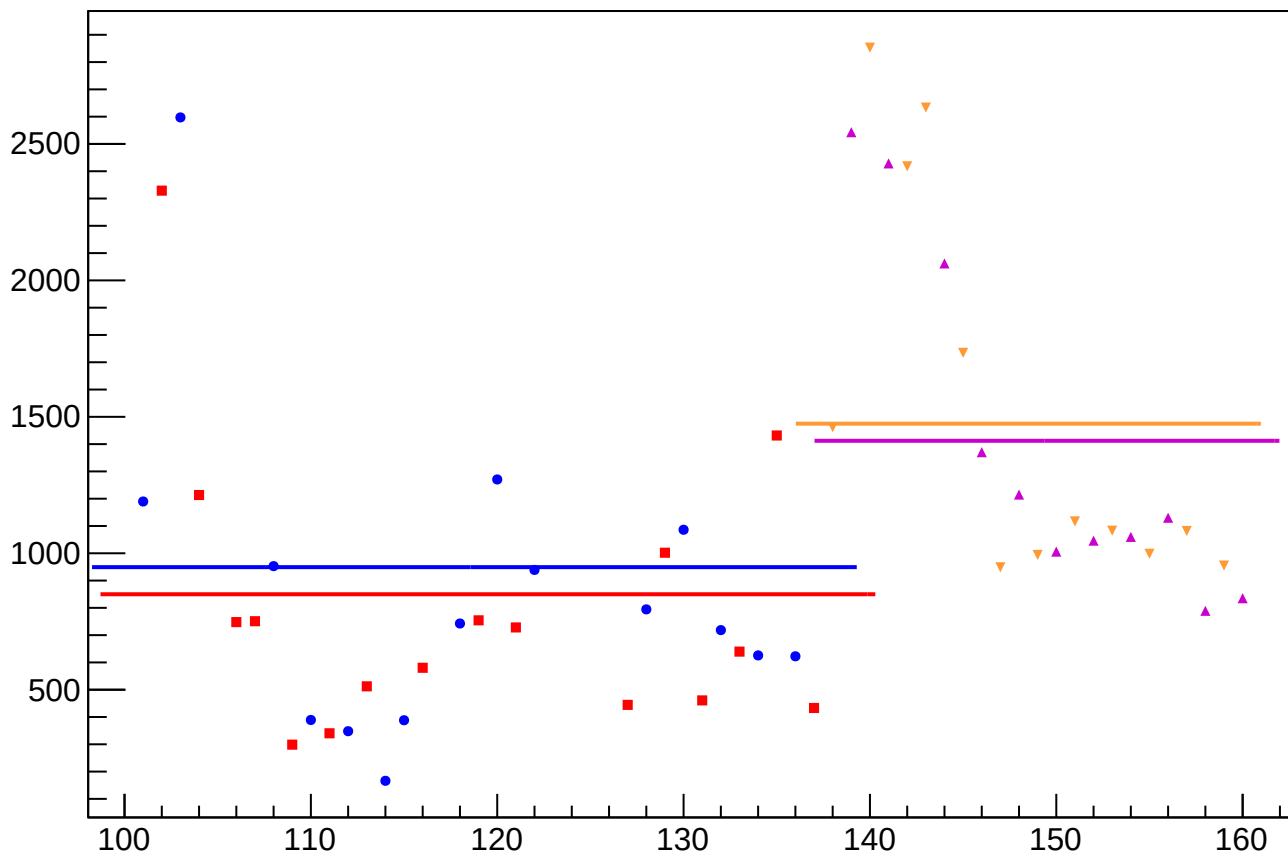
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

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

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

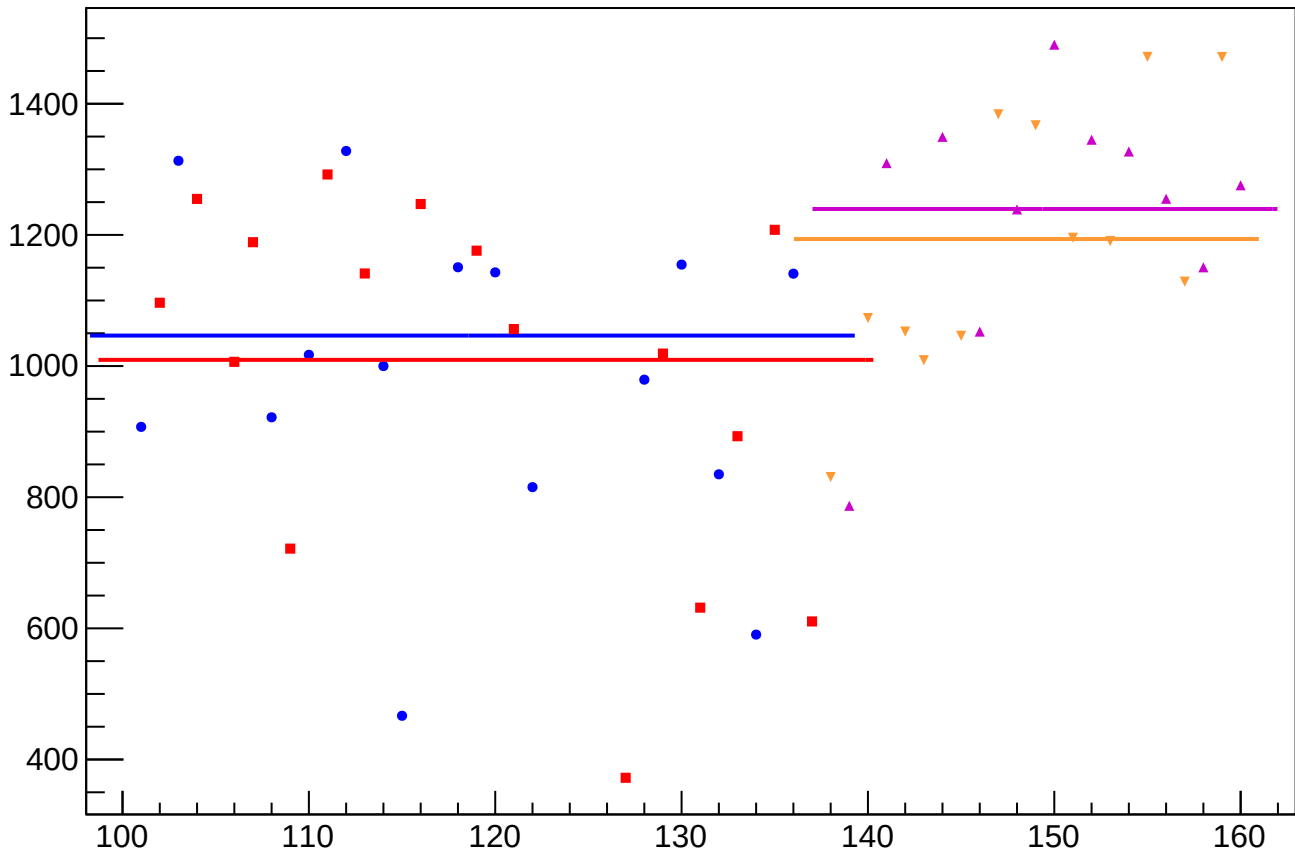
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210

All: 1216.192+/-0.000 χ^2/NDF : 14031243171

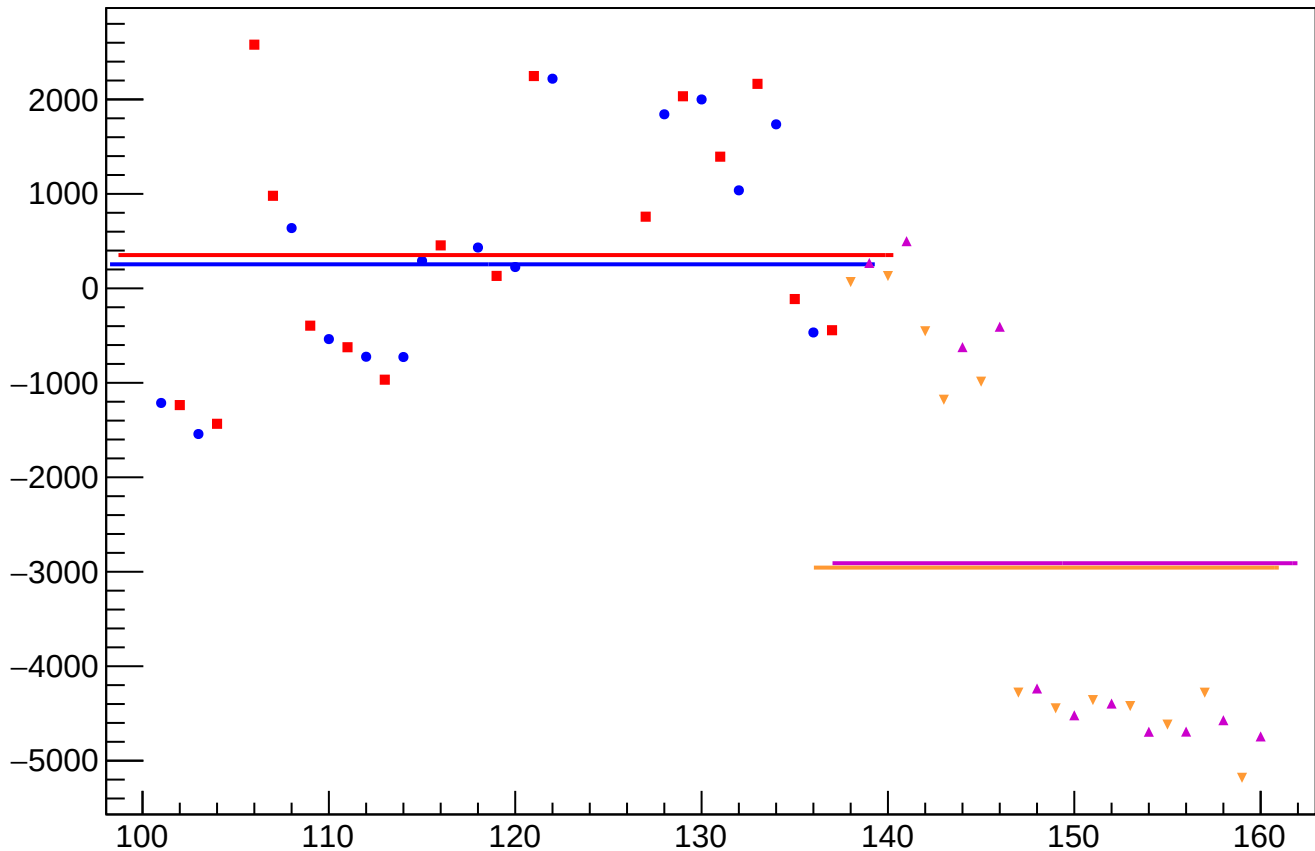
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



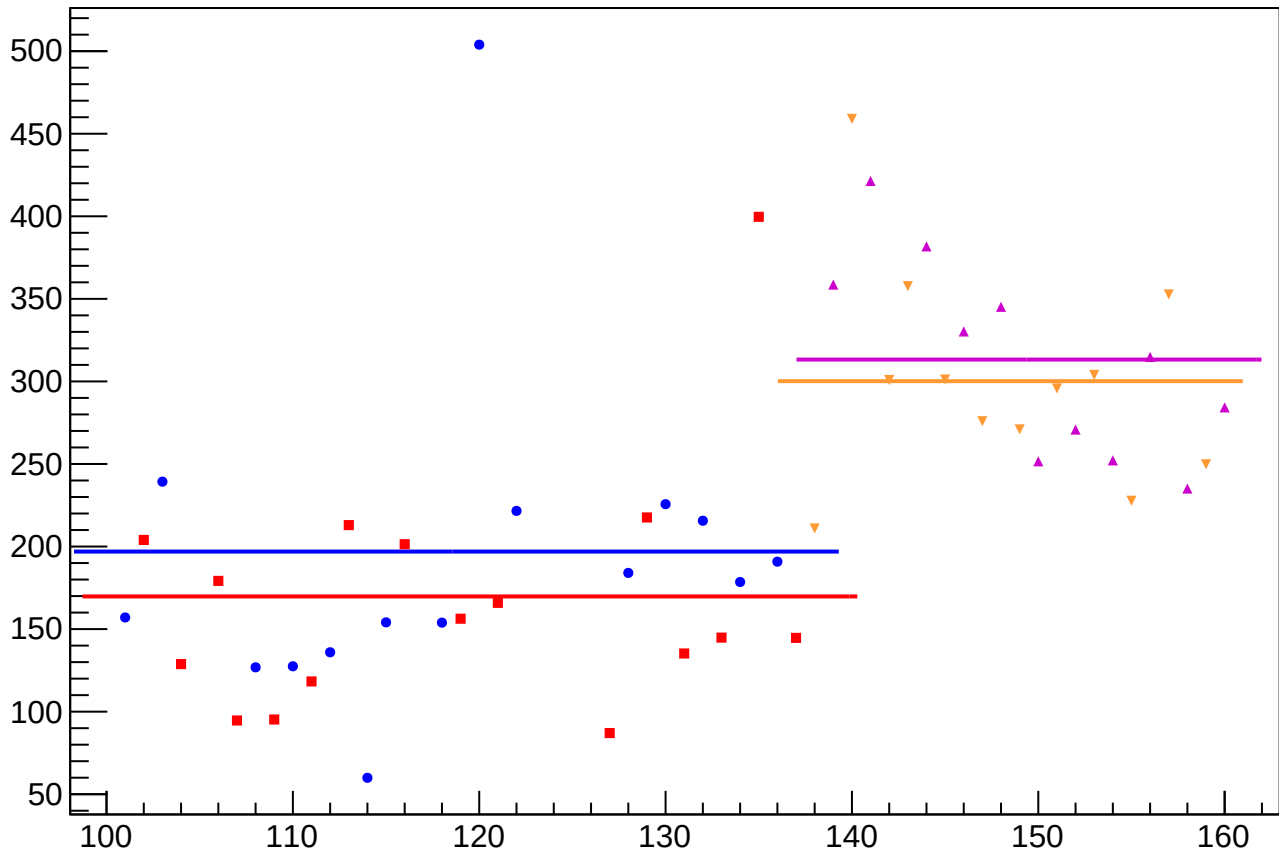
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

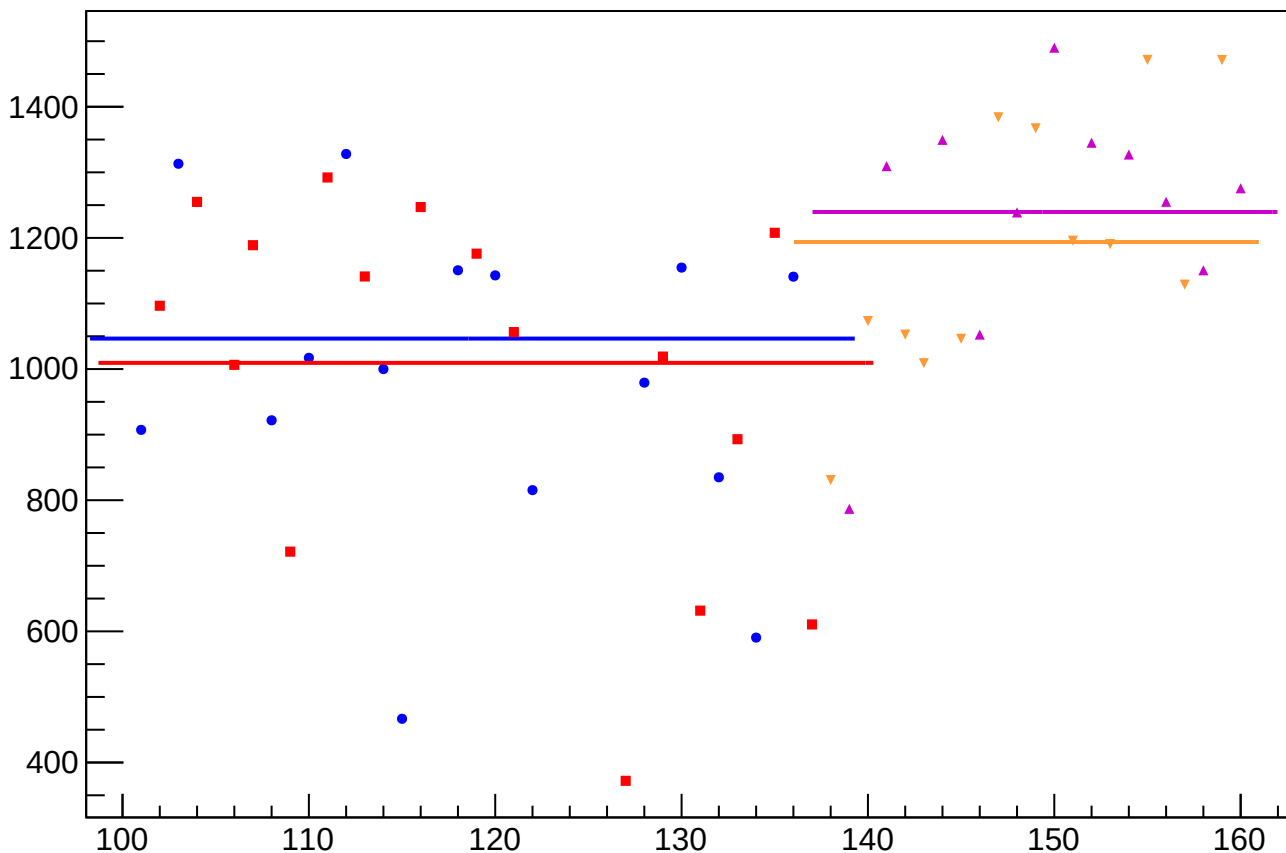
dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10

+ sign 257.303+/-0.000 χ^2/NDF : 124000774019819
 All: 255.177+/-0.000 χ^2/NDF : 273569793225
 - sign 253.089+/-0.000 χ^2/NDF : 149429007533601

dit_sam5_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

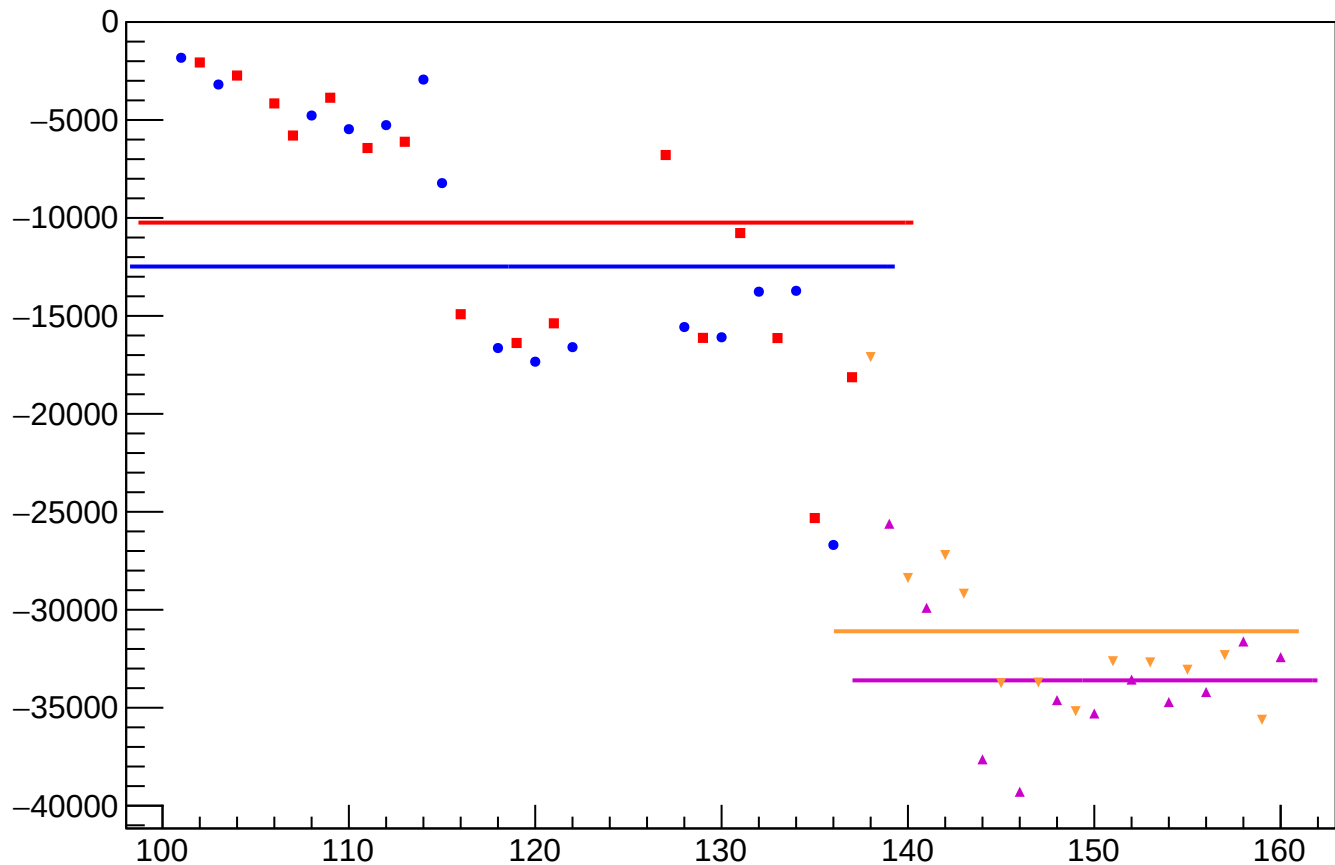
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

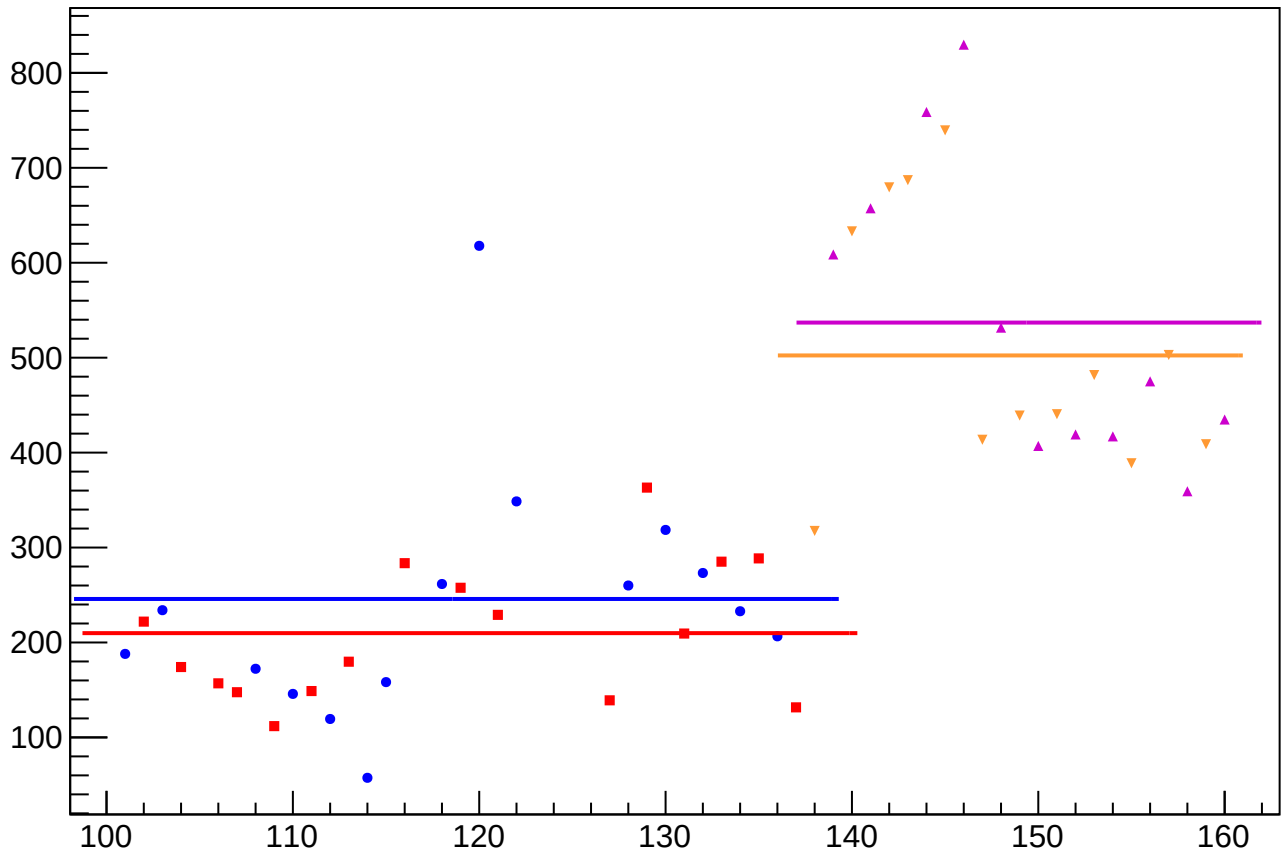
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



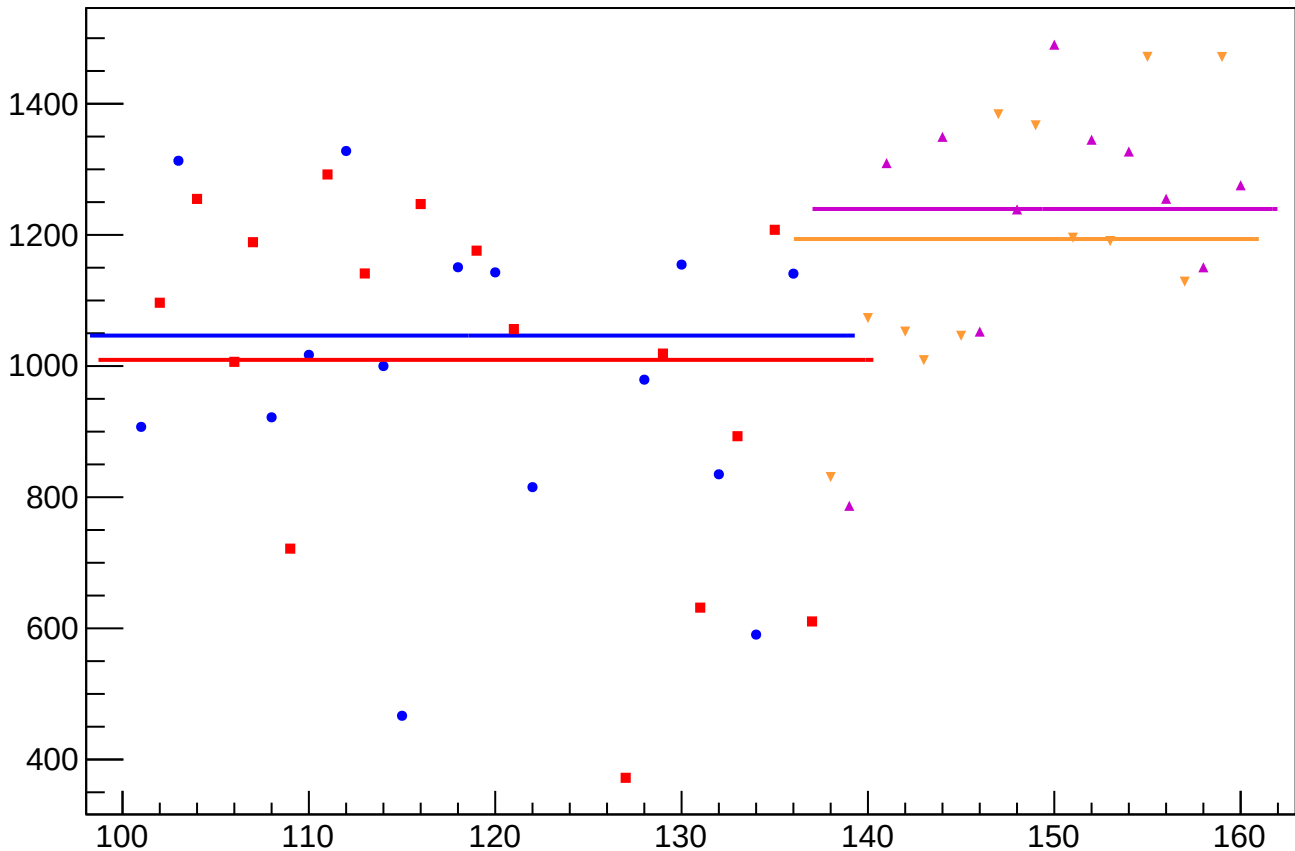
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -31096.364+/-0.000 χ^2/NDF : 21759430970673179273891990313759368282112.0/11
 Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33603.125+/-0.000 χ^2/NDF : 11377877741280377988076632069746943066112.0/10

dit_sam6_coil1_err_mean vs Slug



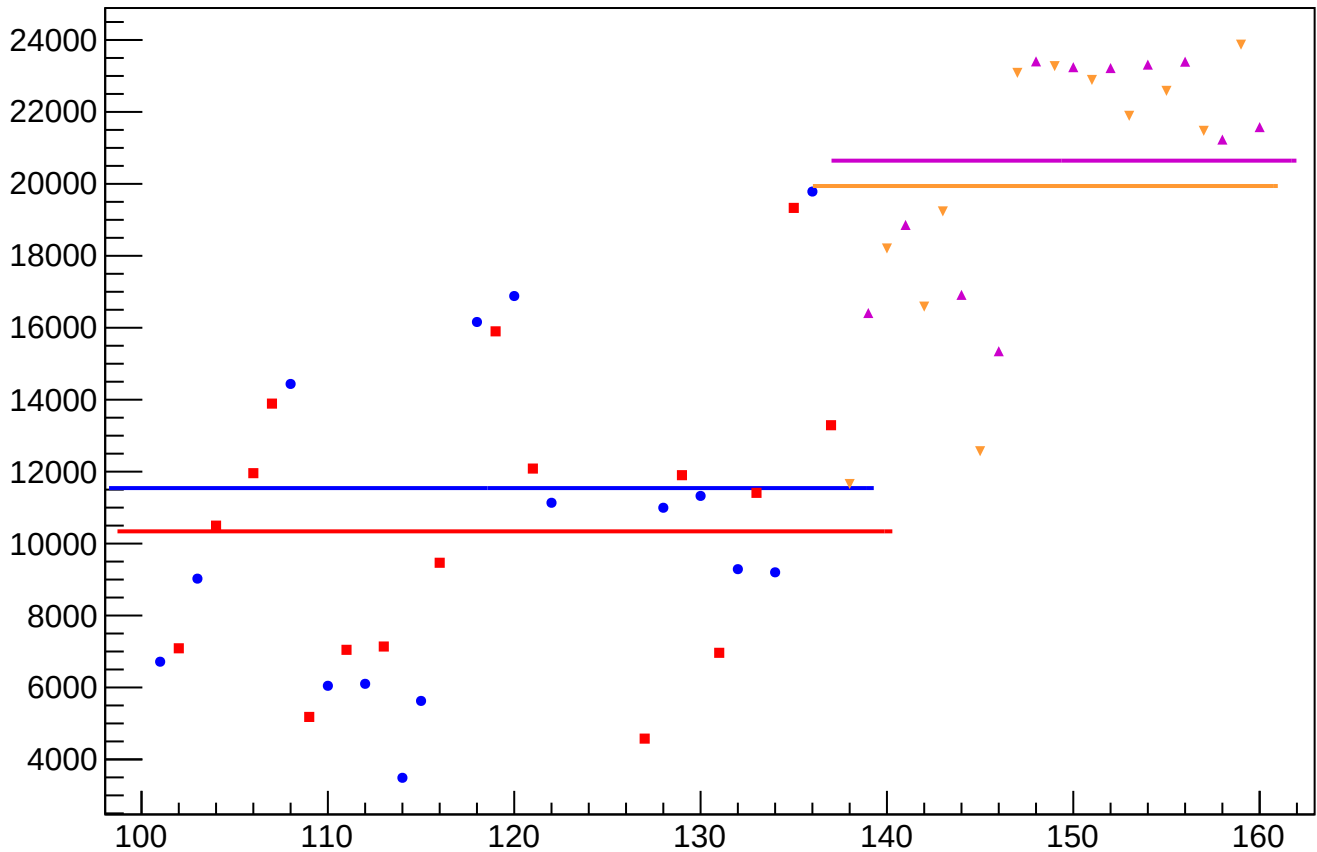
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 395.846+/-0.000	χ^2/NDF : 479955291741577
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11	All: 397.856+/-0.000	χ^2/NDF : 113394044527
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- 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



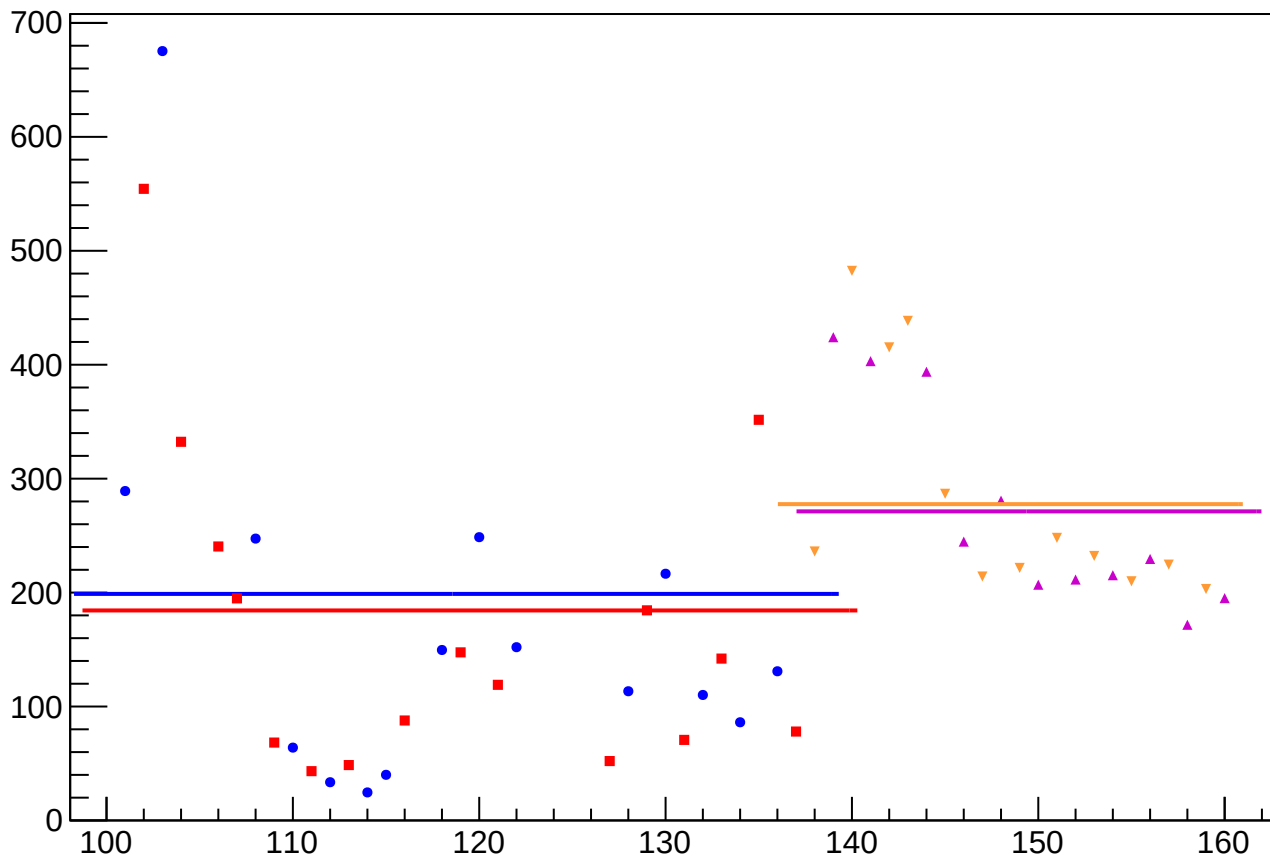
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

+ sign 244.923+/-0.000 χ^2/NDF : 287284397950927

Left Out: 277.638+/-0.000 χ^2/NDF : 8038613705890486227984688847014330368.0/11

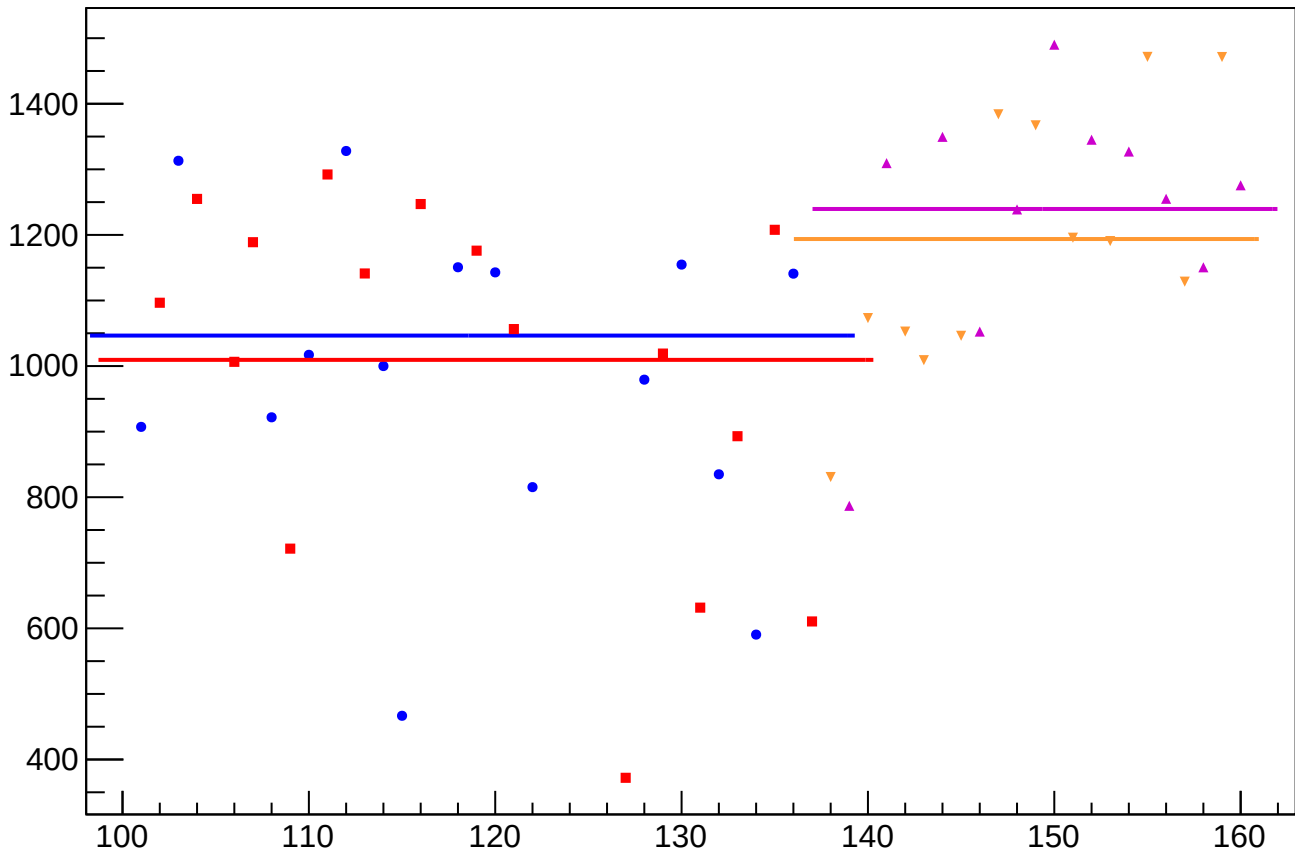
All: 239.833+/-0.000 χ^2/NDF : 537780837700

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

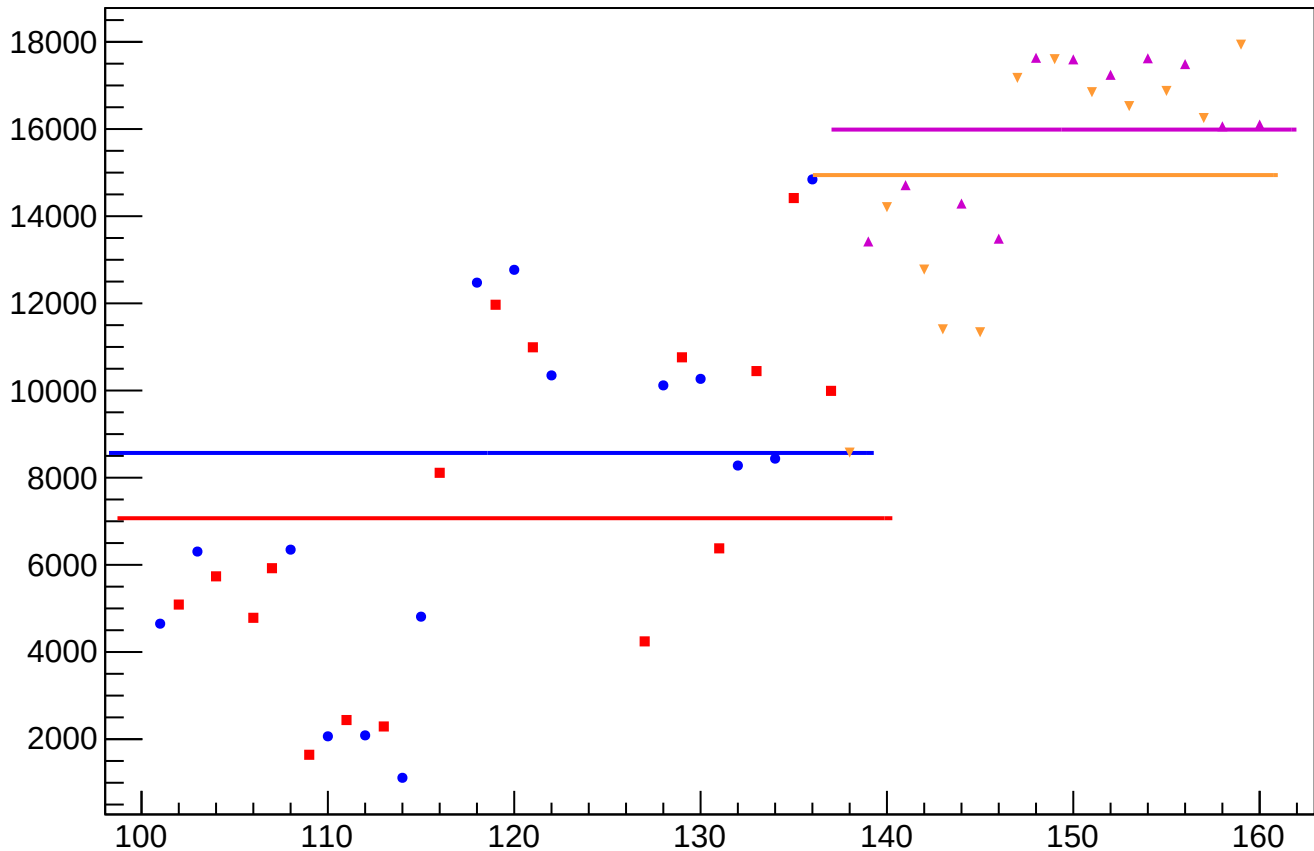
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

dit_sam7_coil1_Ndata_mean vs Slug



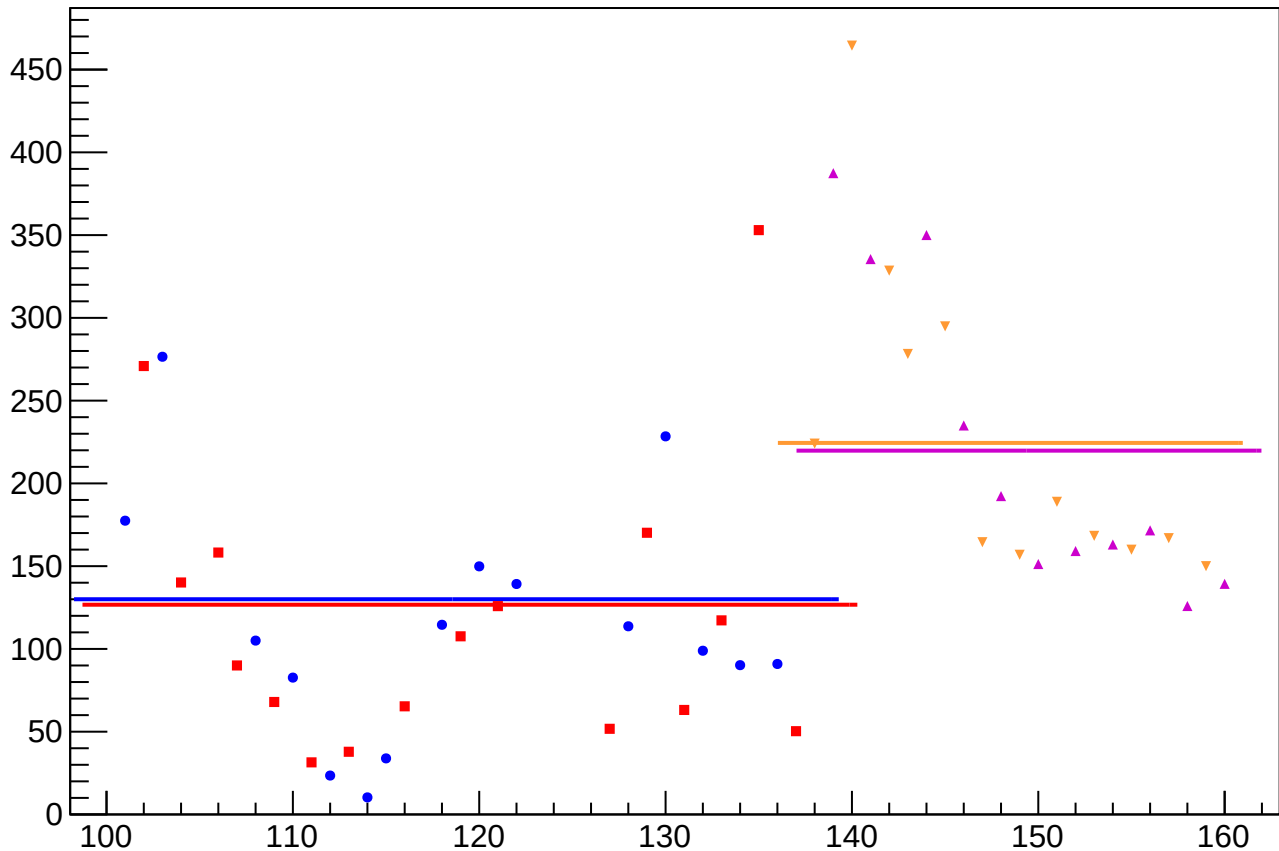
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

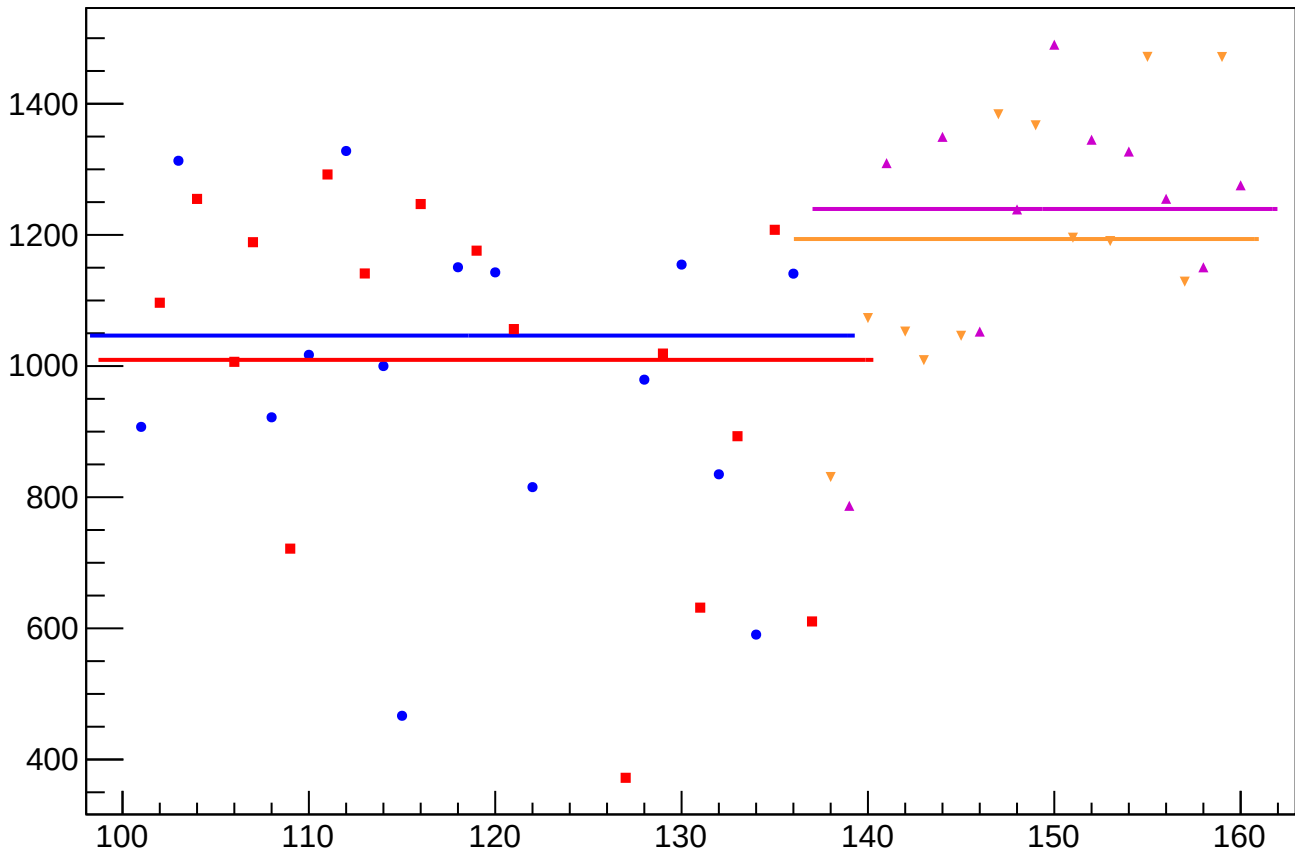
dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000	χ^2/NDF : 3115259987552341725946418665378283520.0/14
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

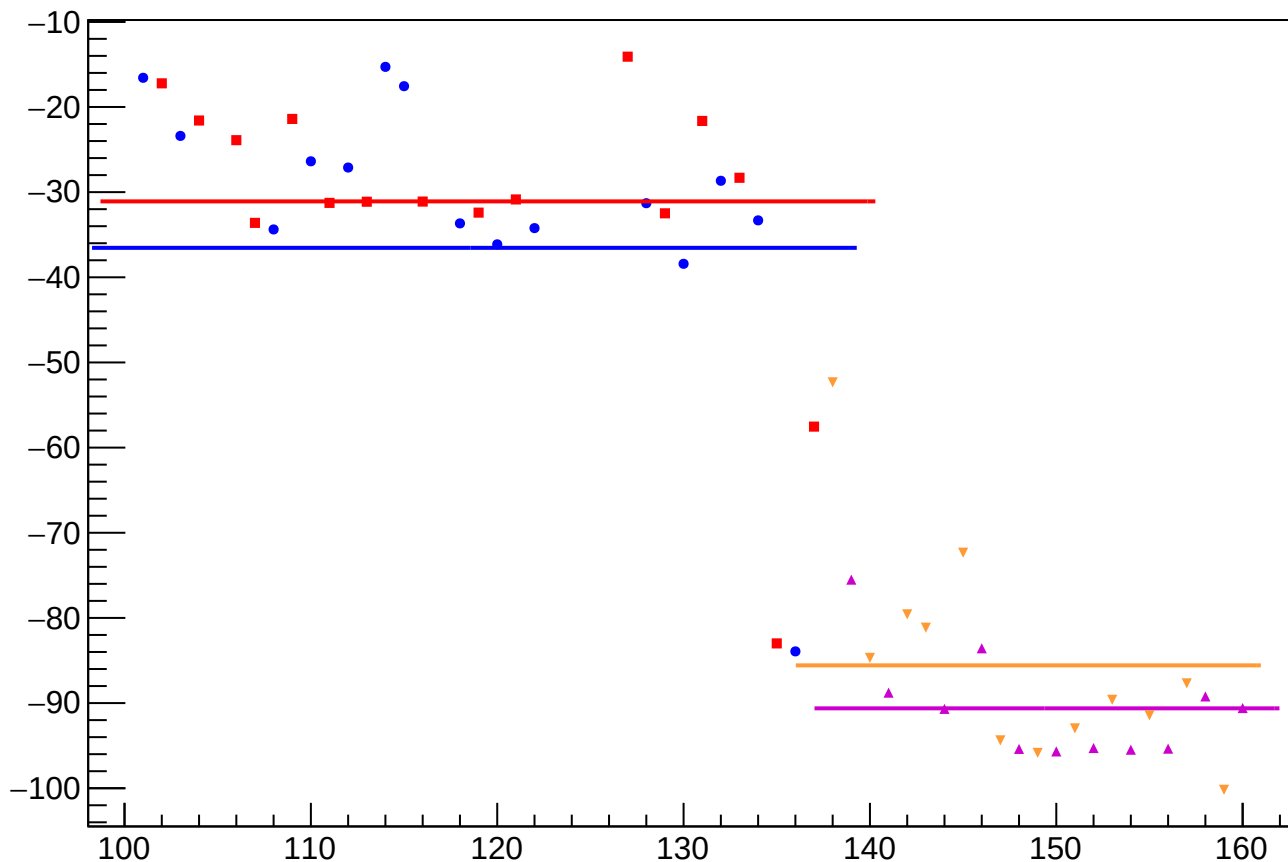
+ sign 185.245+/-0.000 χ^2/NDF : 143703436446713
 All: 182.985+/-0.000 χ^2/NDF : 30557896618
 - sign 180.765+/-0.000 χ^2/NDF : 161717315752514

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

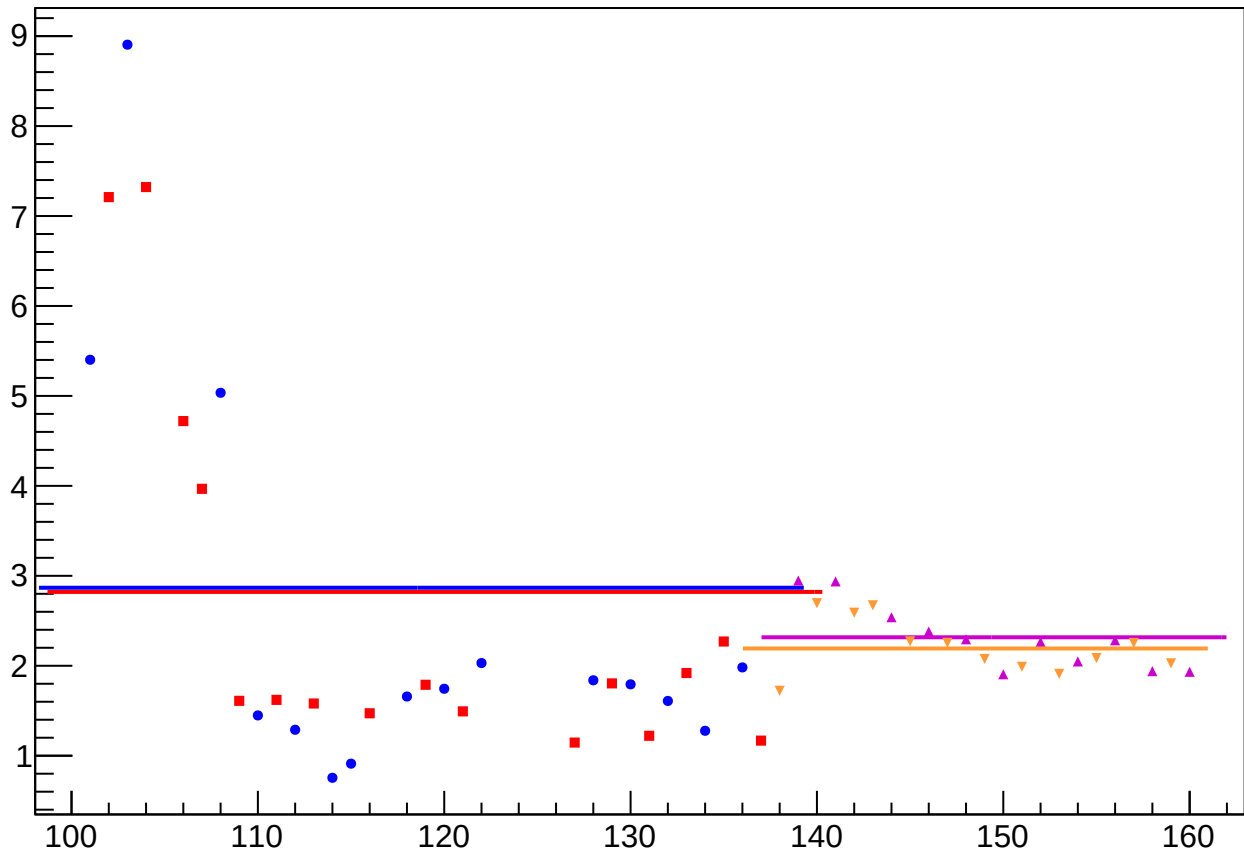
Left In: -90.618+/-0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212+/-0.000 χ^2/NDF : 131026728865009

All: -65.438+/-0.000 χ^2/NDF : 289770508585

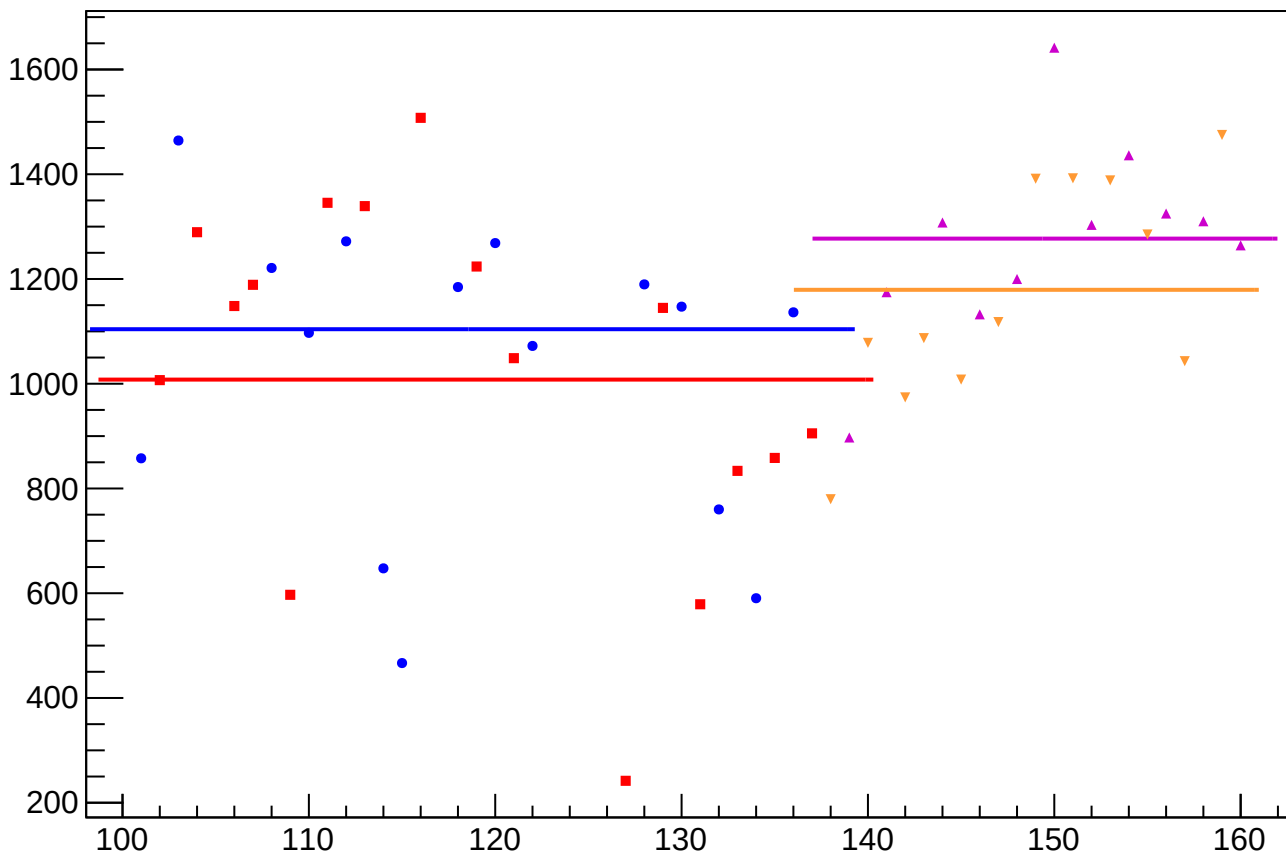
- sign -65.660+/-0.000 χ^2/NDF : 1587279434769043

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

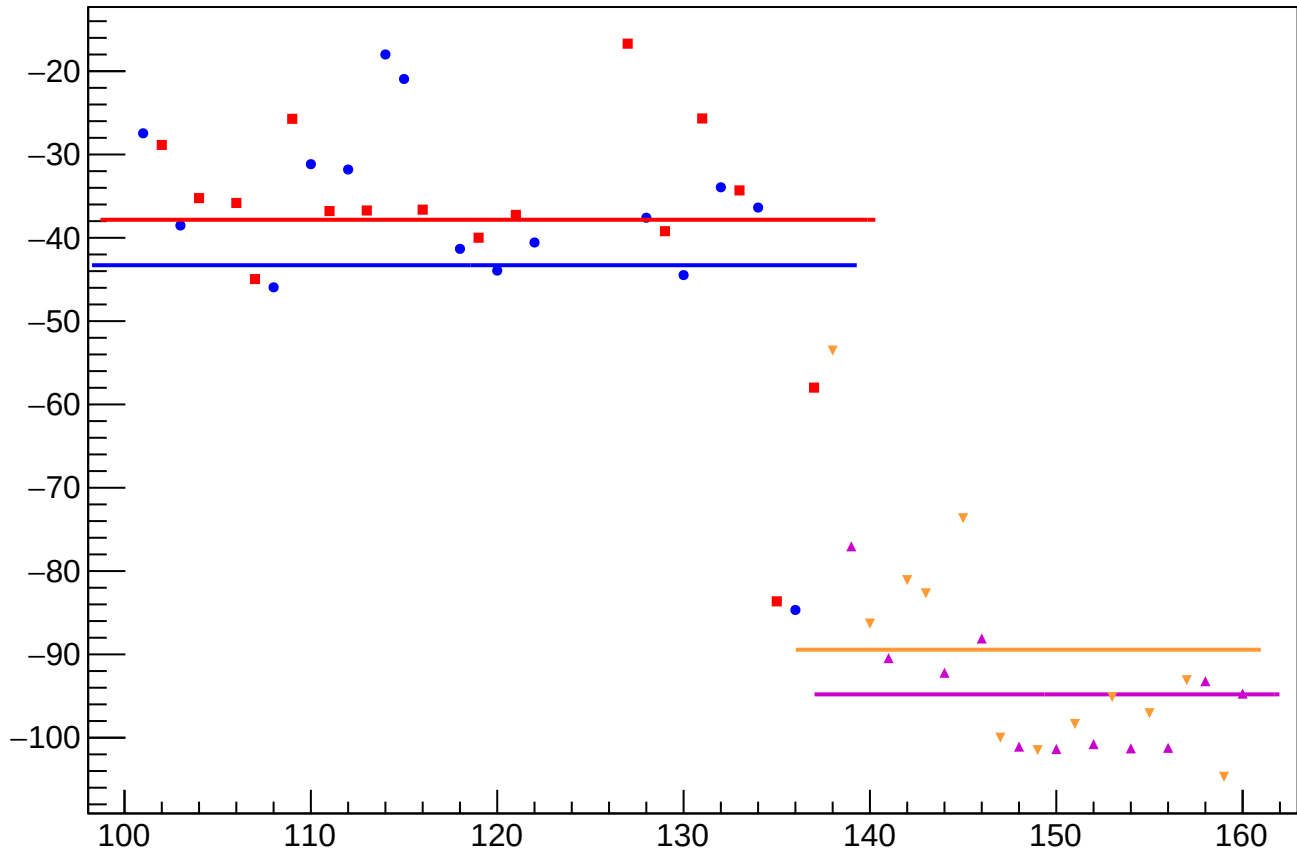
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

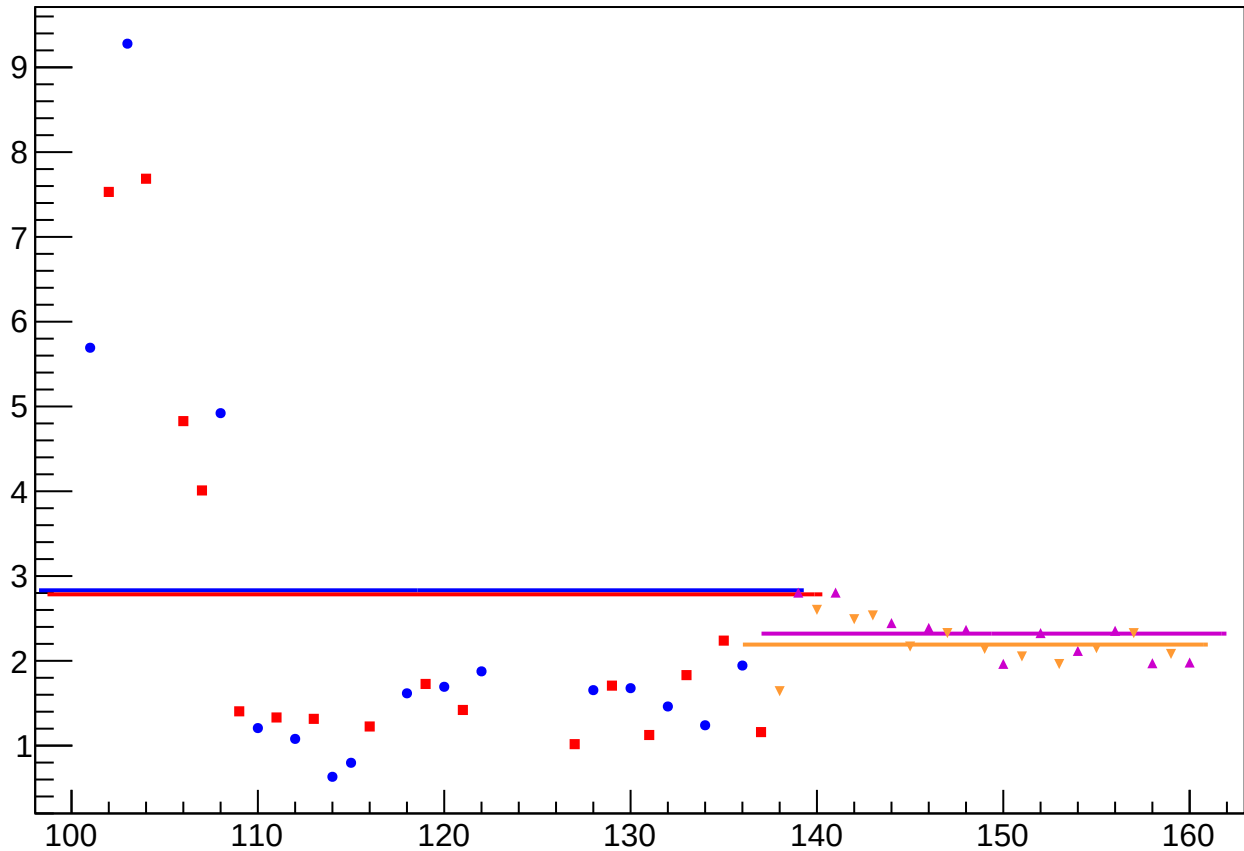
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



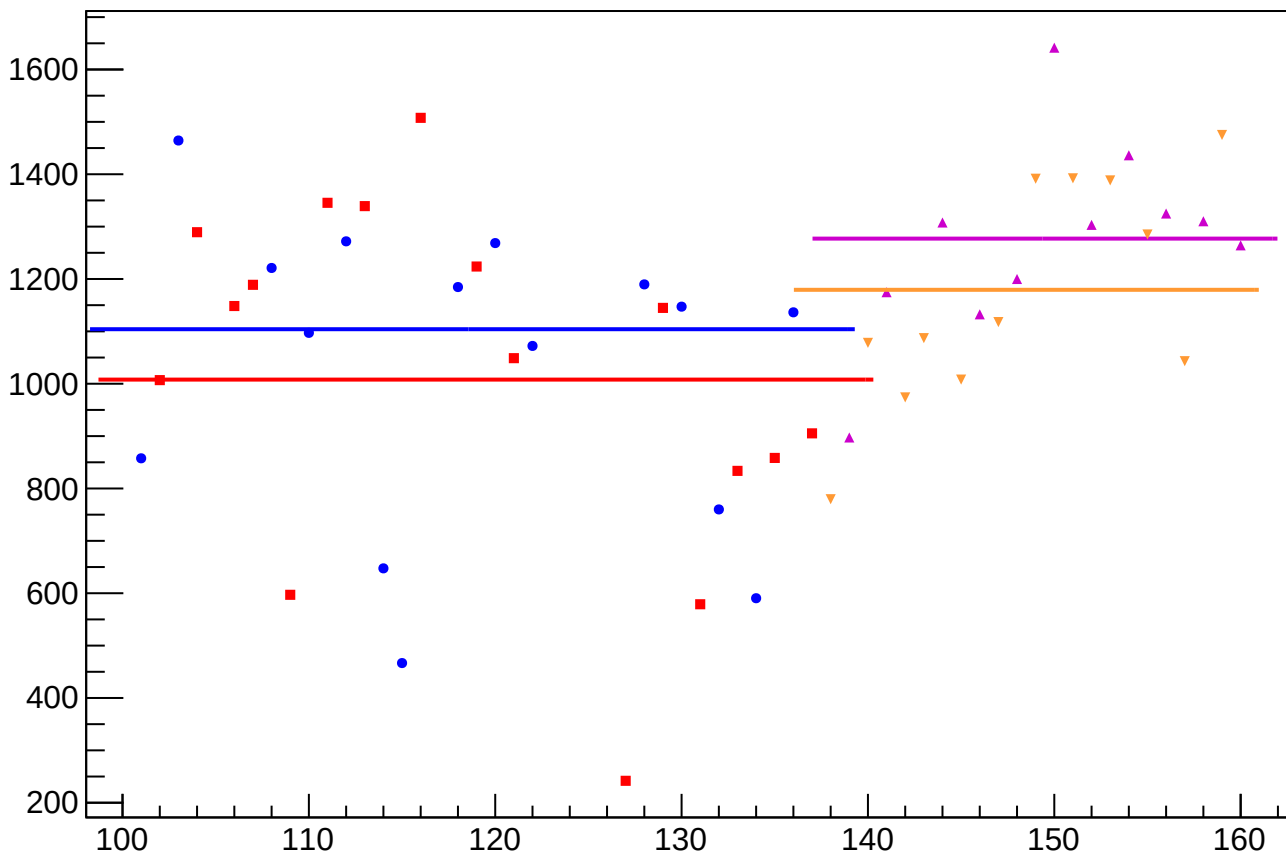
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 $\pm$ 0.000 χ^2 /NDF: 3957672531929017328512564323155968.0/14
 Left Out: 2.192 $\pm$ 0.000 χ^2 /NDF: 59601559247415008947816525463552.0/11
 Right Out: 2.784 $\pm$ 0.000 χ^2 /NDF: 3589544956108116898091236897849344.0/15
 Left In: 2.321 $\pm$ 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

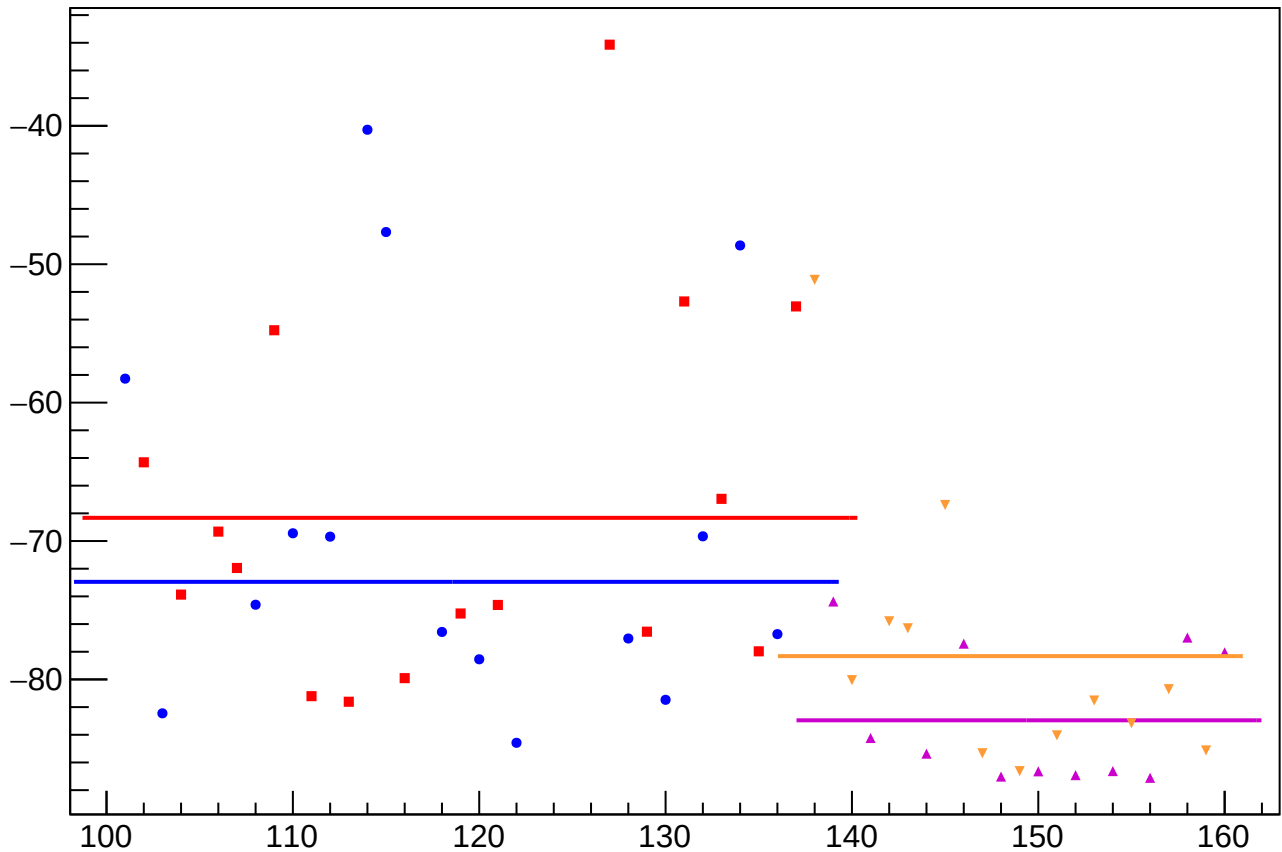
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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



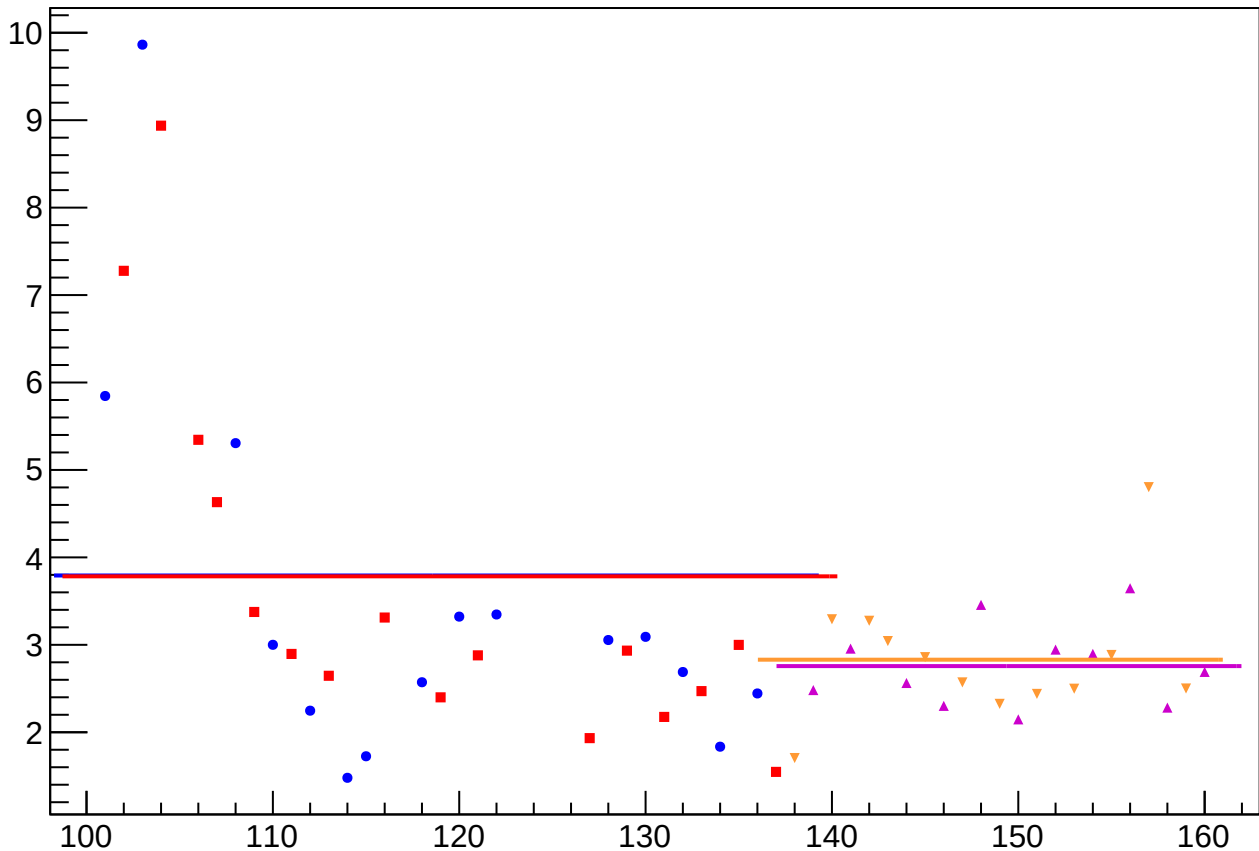
Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

Left Out: -78.317+/-0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11

Right Out: -68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

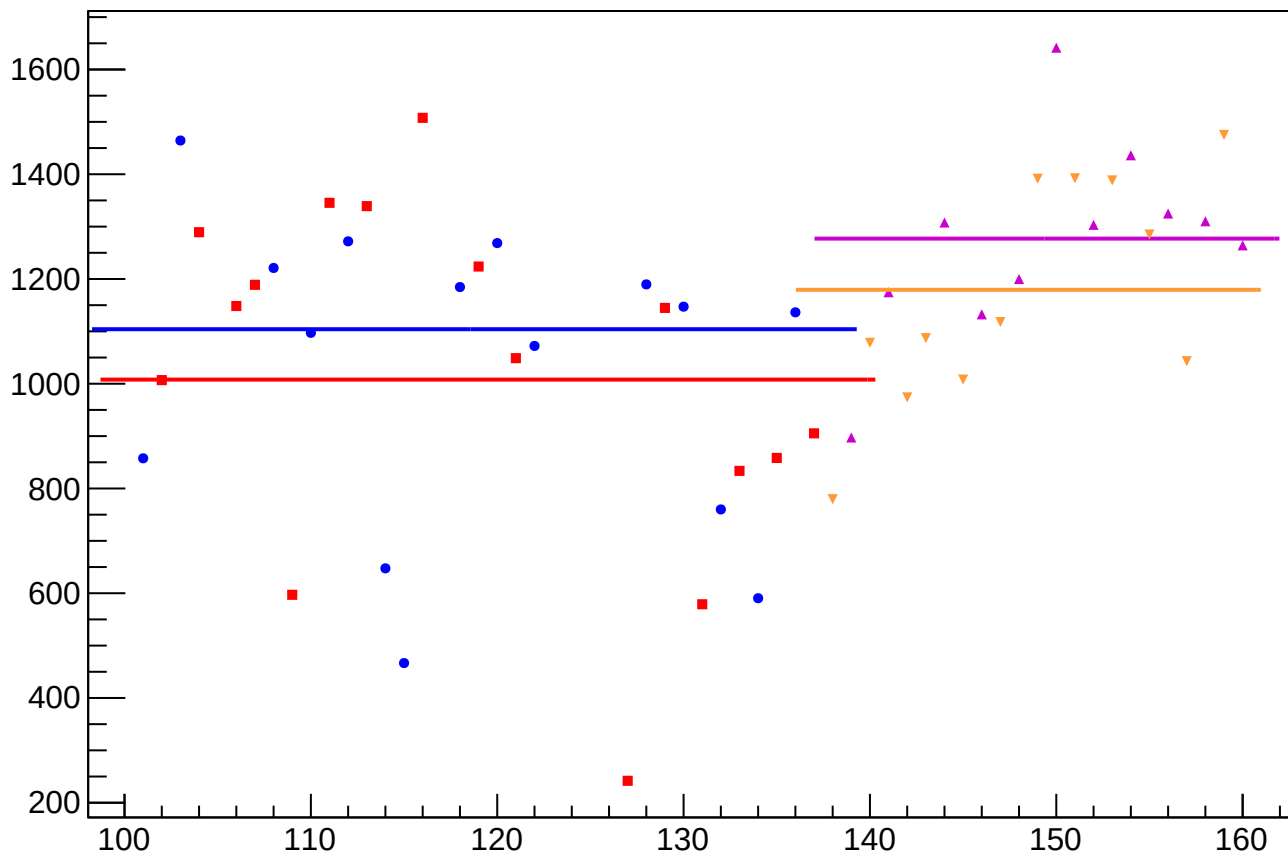
Left In: -82.954+/-0.000 χ^2/NDF : 20419157774877297849205303170564096.0/10

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

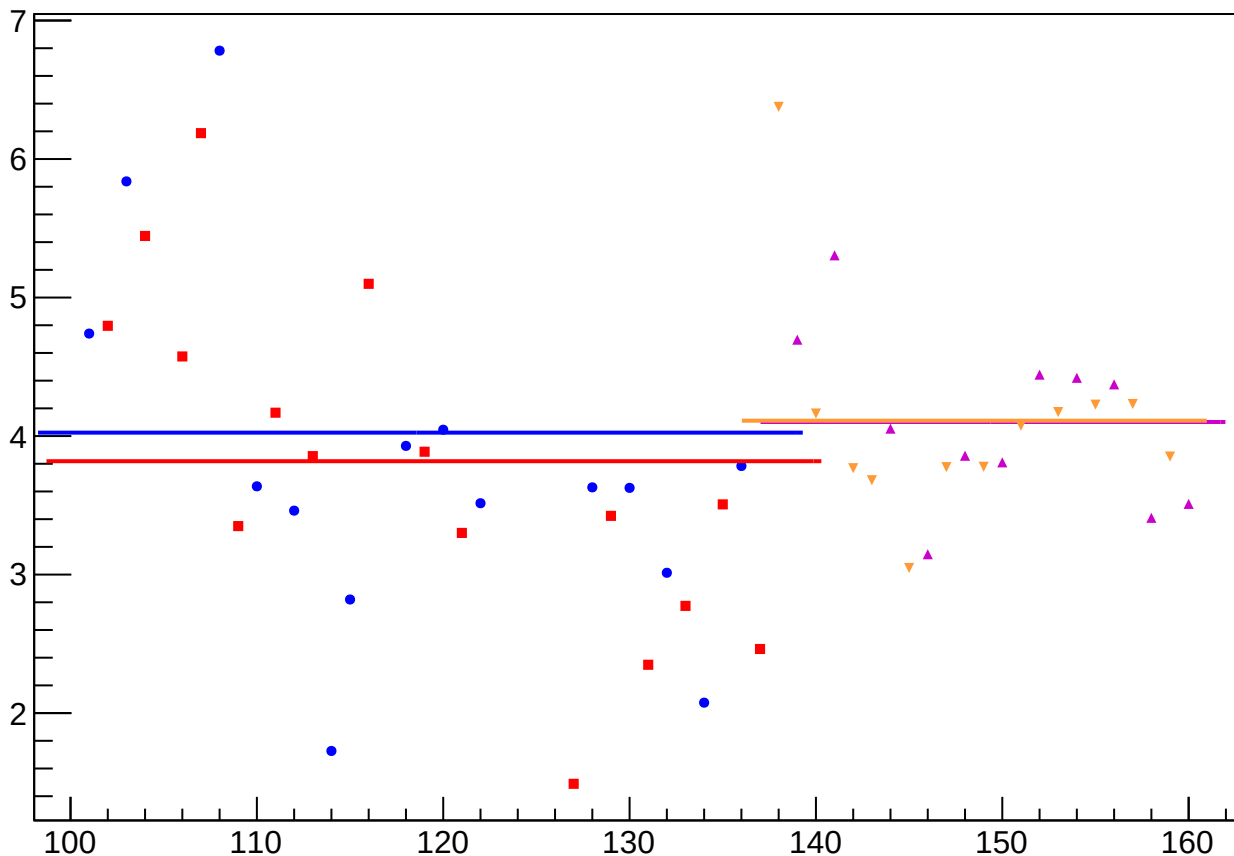
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

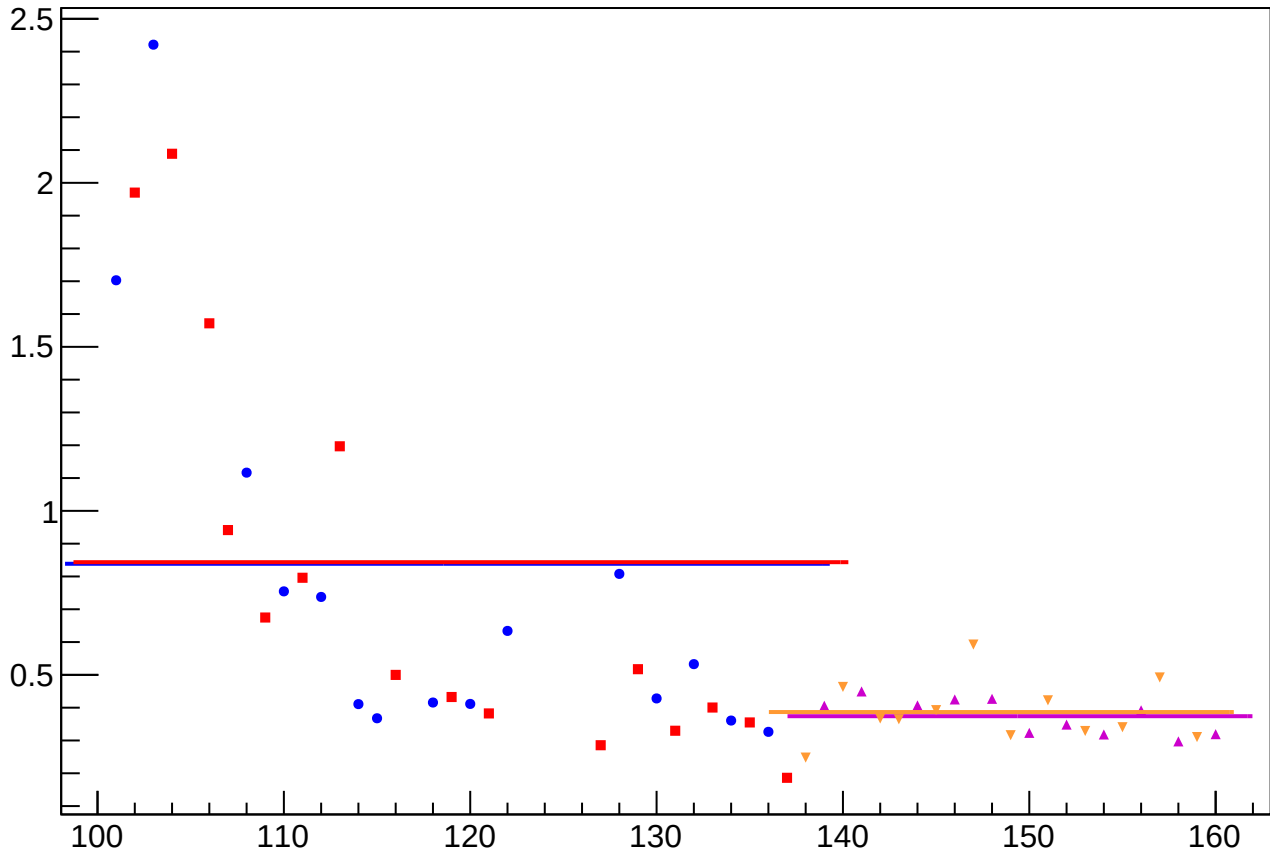
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ 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

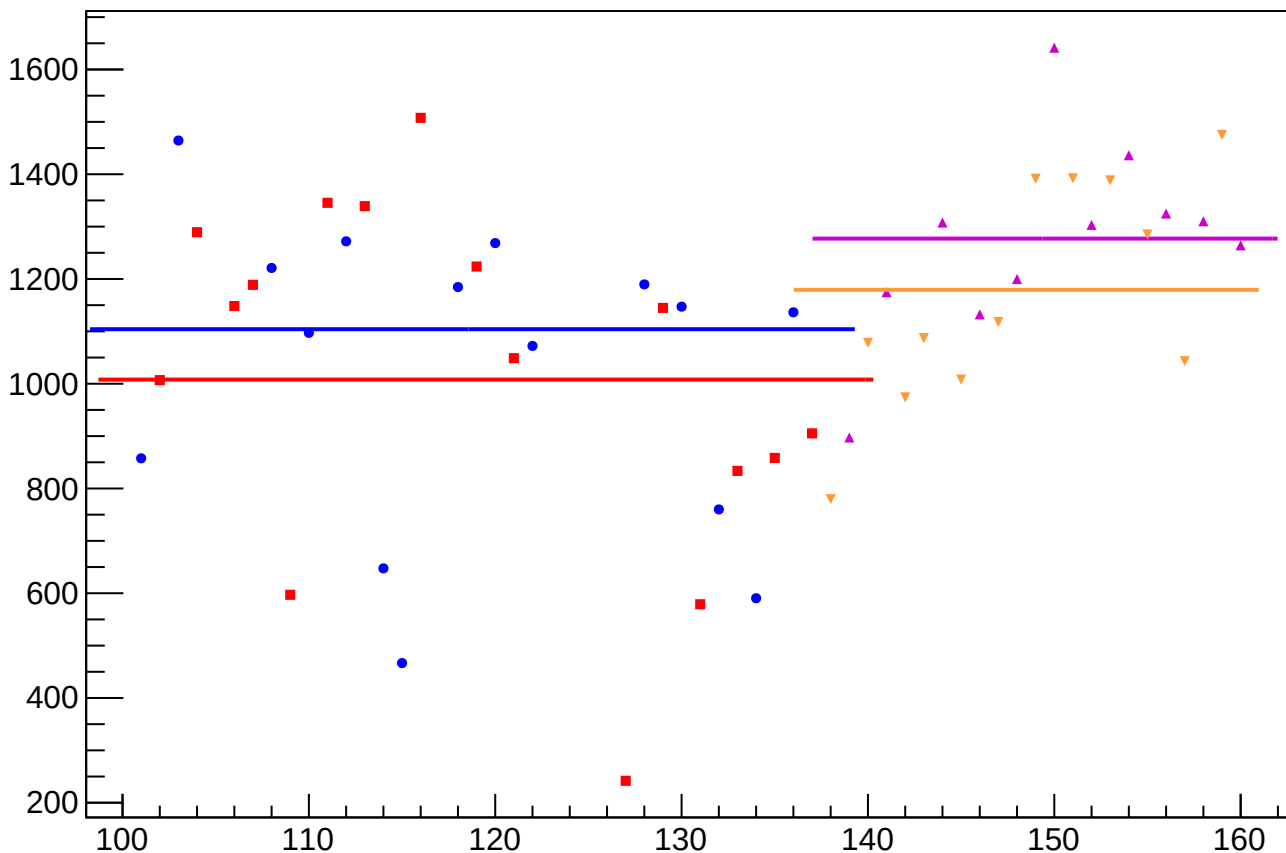
dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 $\pm$ 0.000 χ^2 /NDF: 258416025334615661521163083841536.0/14
 Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF: 7656532010606705303389852401664.0/11
 Right Out: 0.844 $\pm$ 0.000 χ^2 /NDF: 252917509393432760240648918925312.0/15
 Left In: 0.374 $\pm$ 0.000 χ^2 /NDF: 2408191855928929204652403064832.0/10

+ sign 0.574 $\pm$ 0.000 χ^2 /NDF: 34361299710521939
 All: 0.573 $\pm$ 0.000 χ^2 /NDF: 68434990603829
 - sign 0.571 $\pm$ 0.000 χ^2 /NDF: 34072705828258961

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

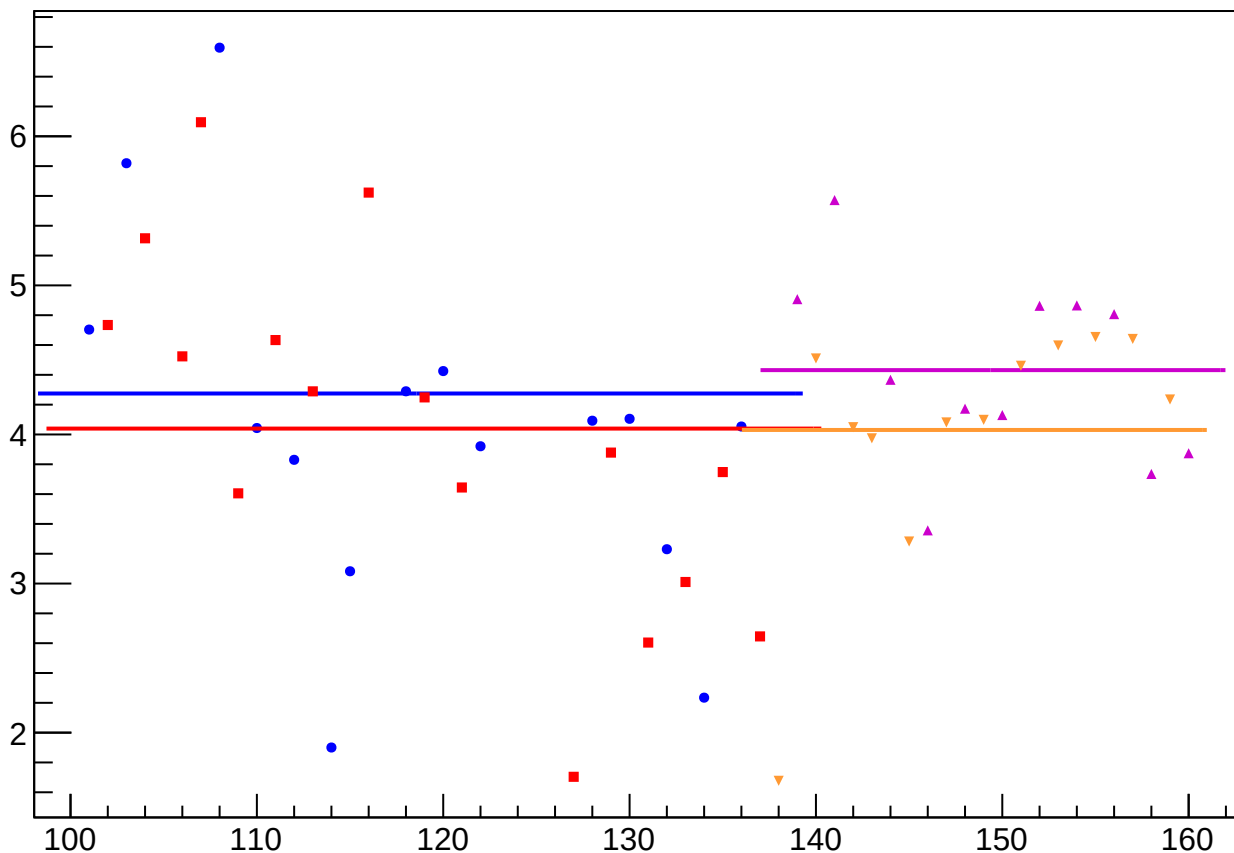
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.039+/-0.000 χ^2/NDF : 600797720921367466879695481470976.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

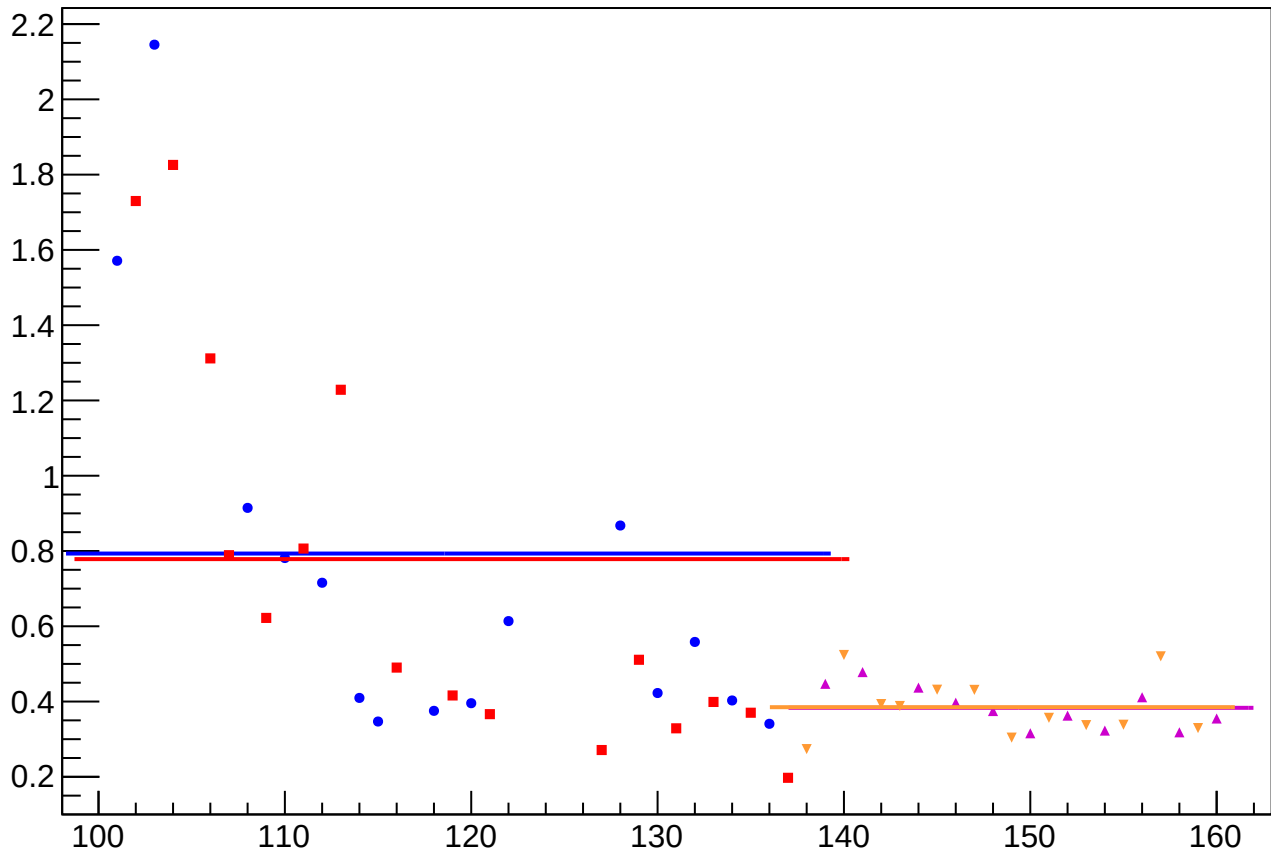
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

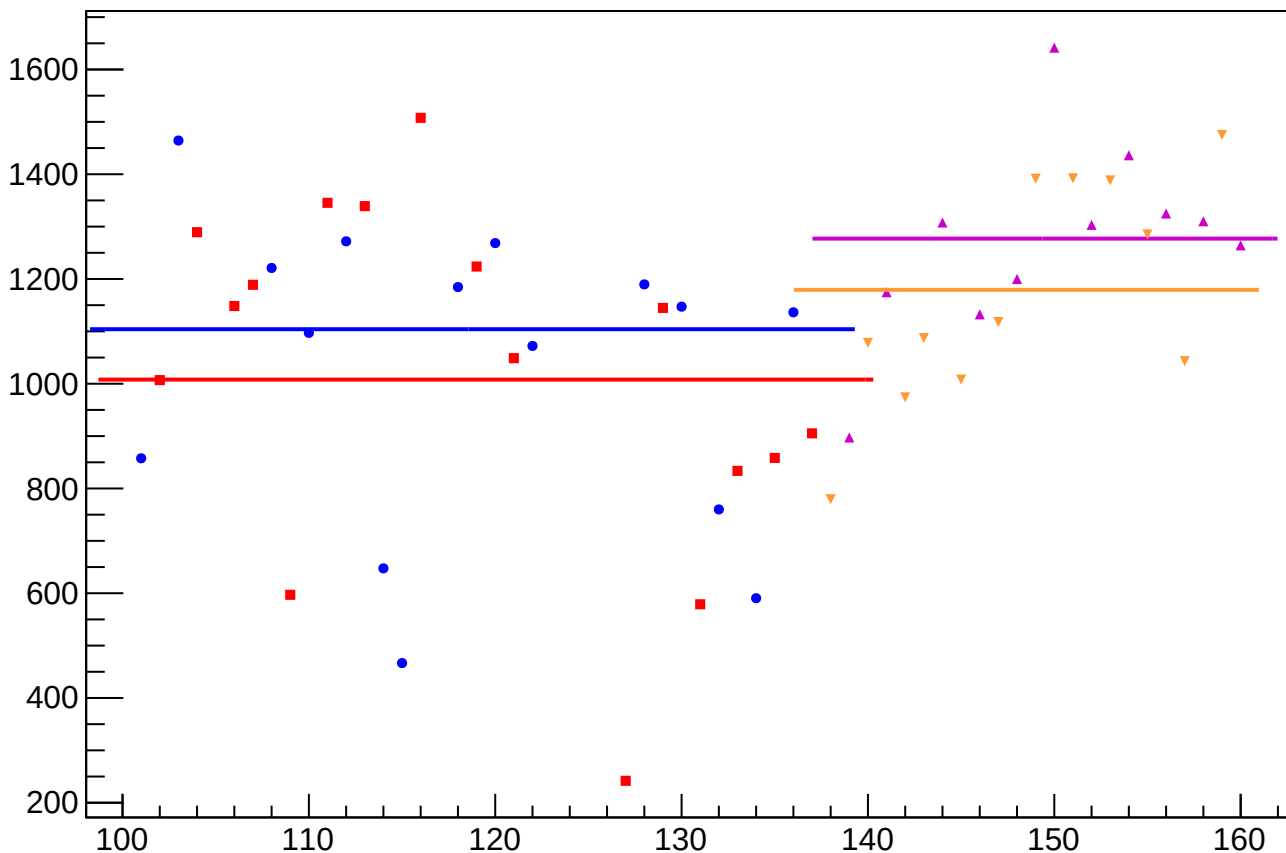
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

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

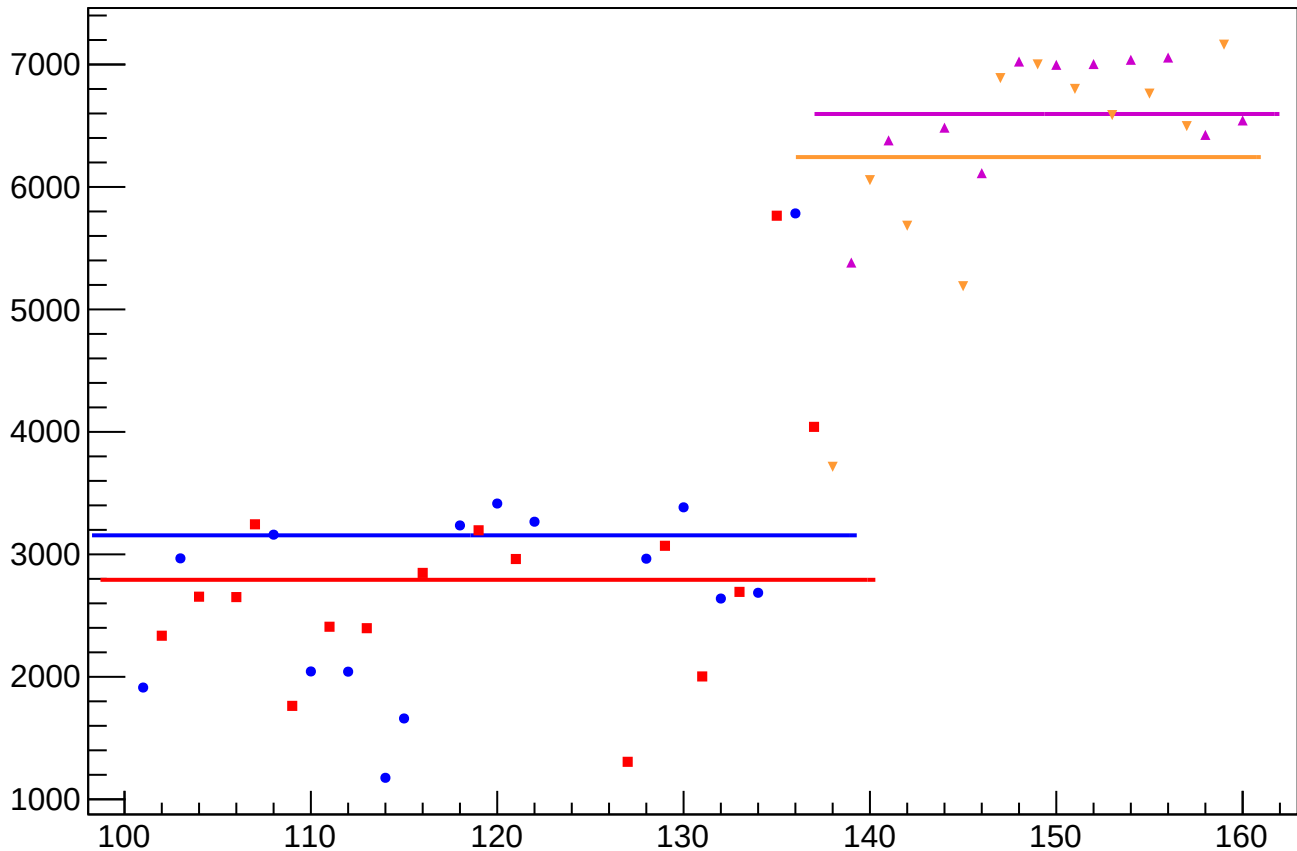
Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

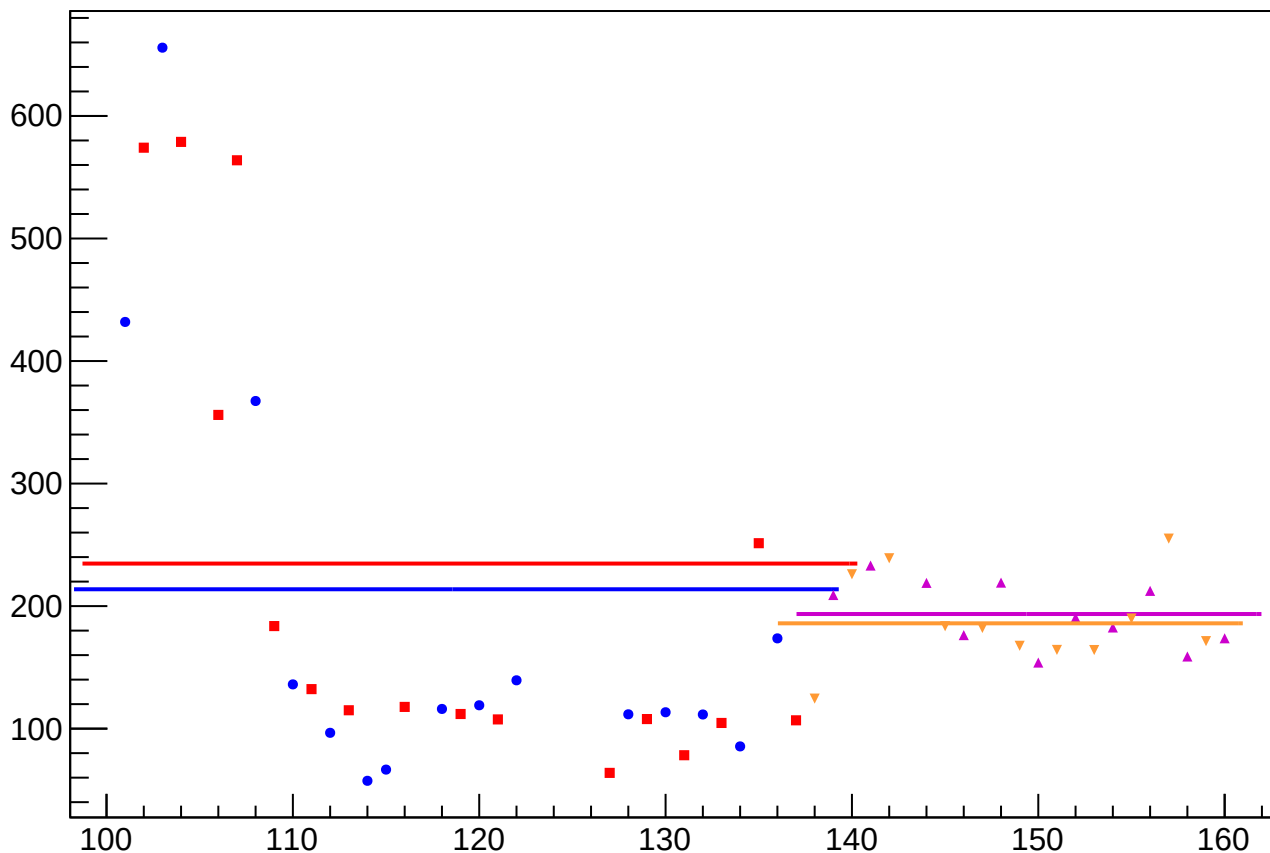
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000	χ^2/NDF : 903550534773622902110918214033612996608.0/14	+ 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



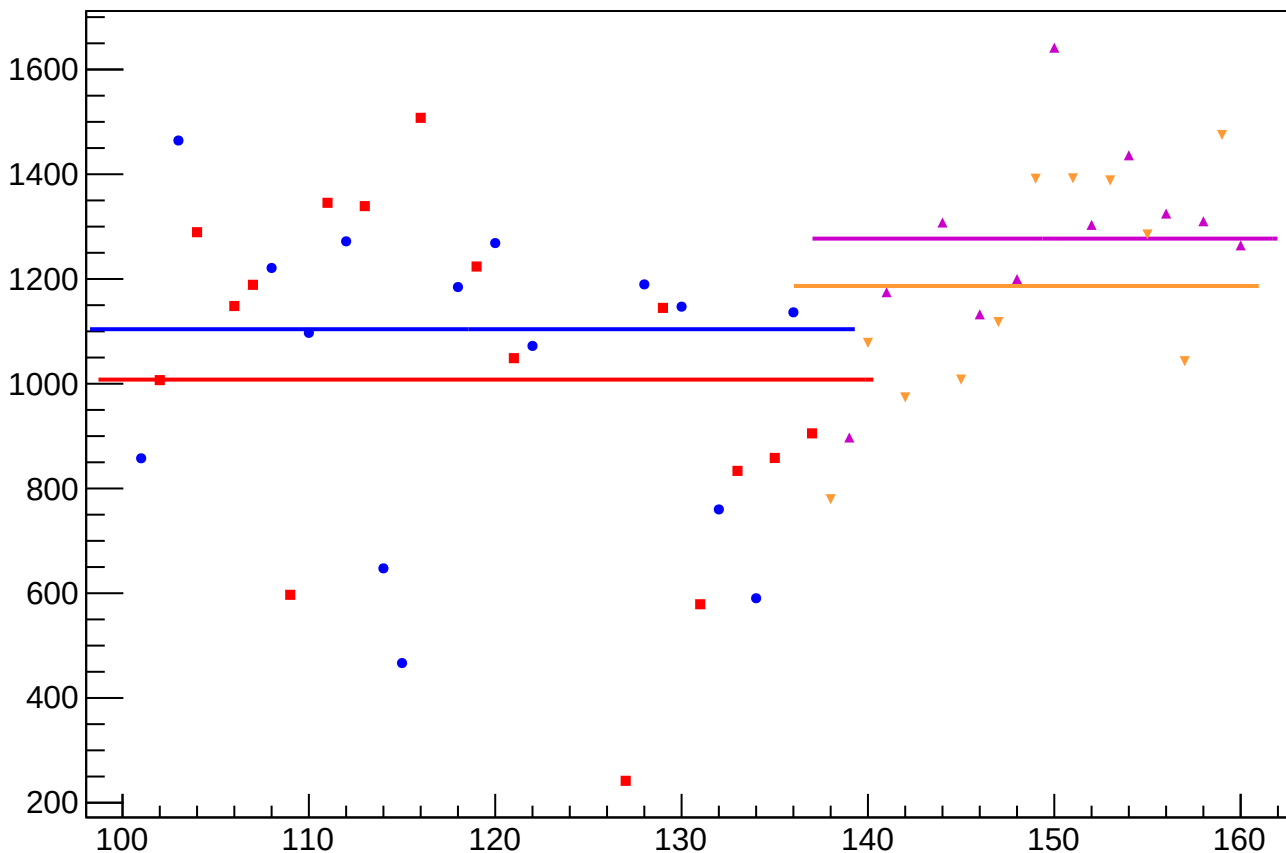
Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

Left Out: 185.948+/-0.000 χ^2/NDF : 1057706607595767583587974846640816128.0/10

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

Left In: 193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF : 38127290182419373090636614603236179968.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

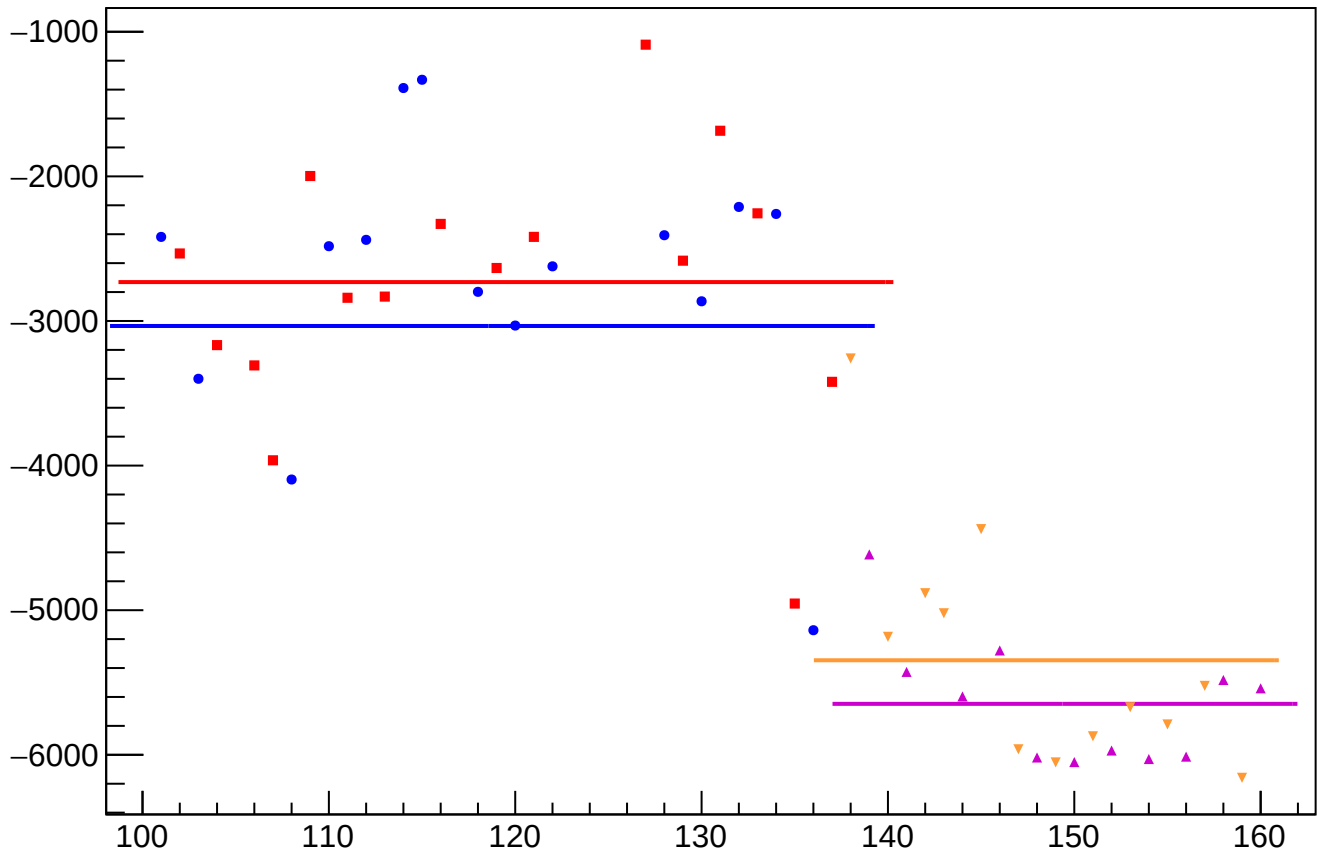
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833

All: 1157.745+/-0.000 χ^2/NDF : 20023337148

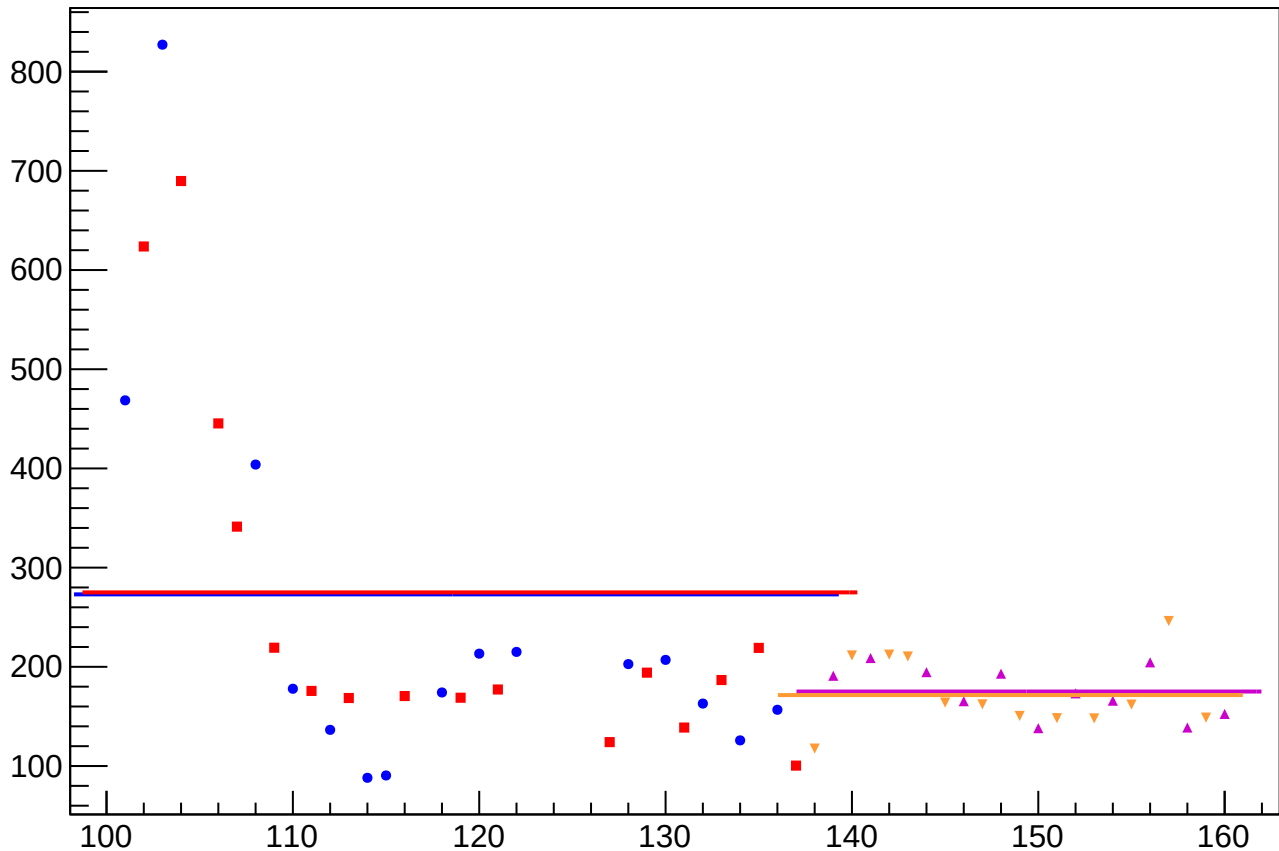
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



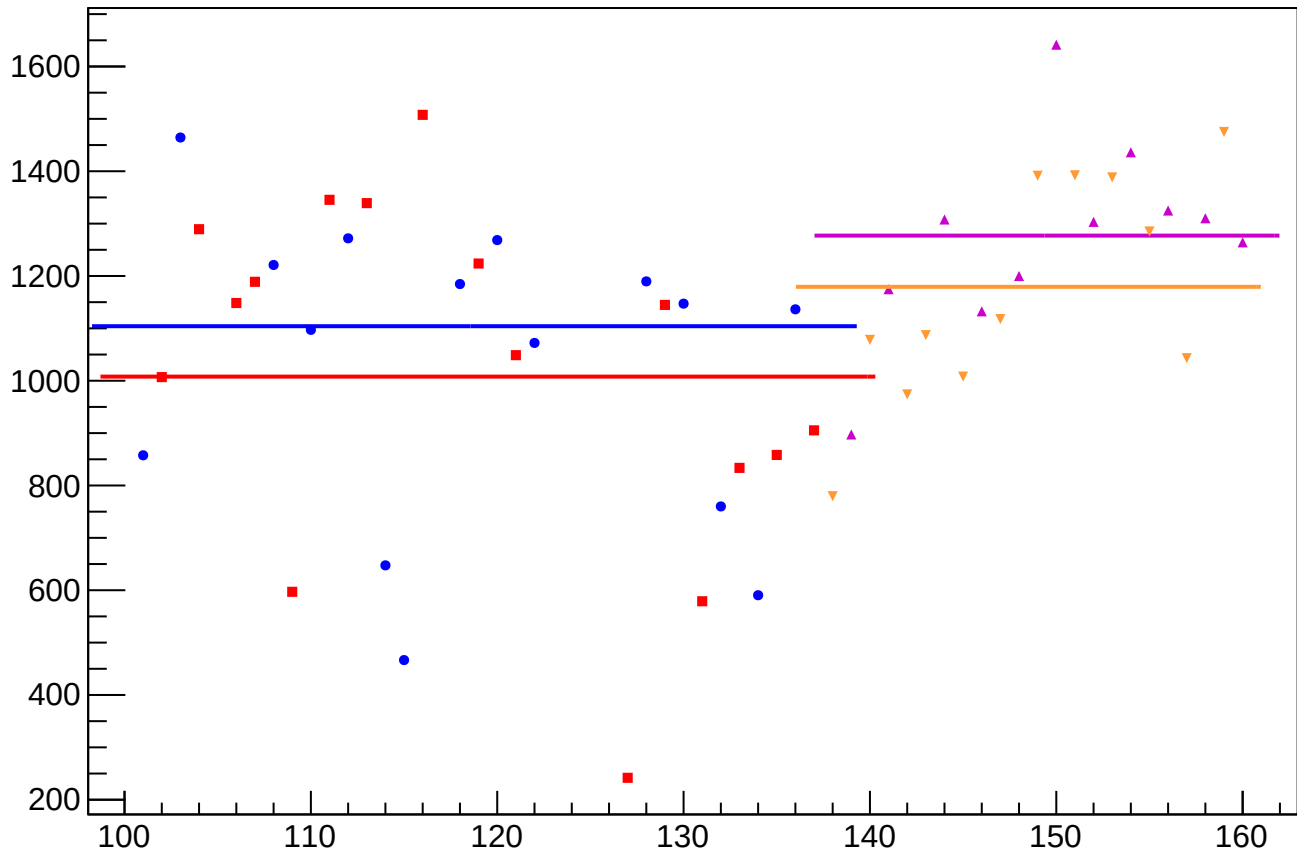
Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287+/-0.000 χ^2/NDF : 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: -5647.632+/-0.000 χ^2/NDF : 164214312908035645215126356935491715072.0/10

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 $\pm$ 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

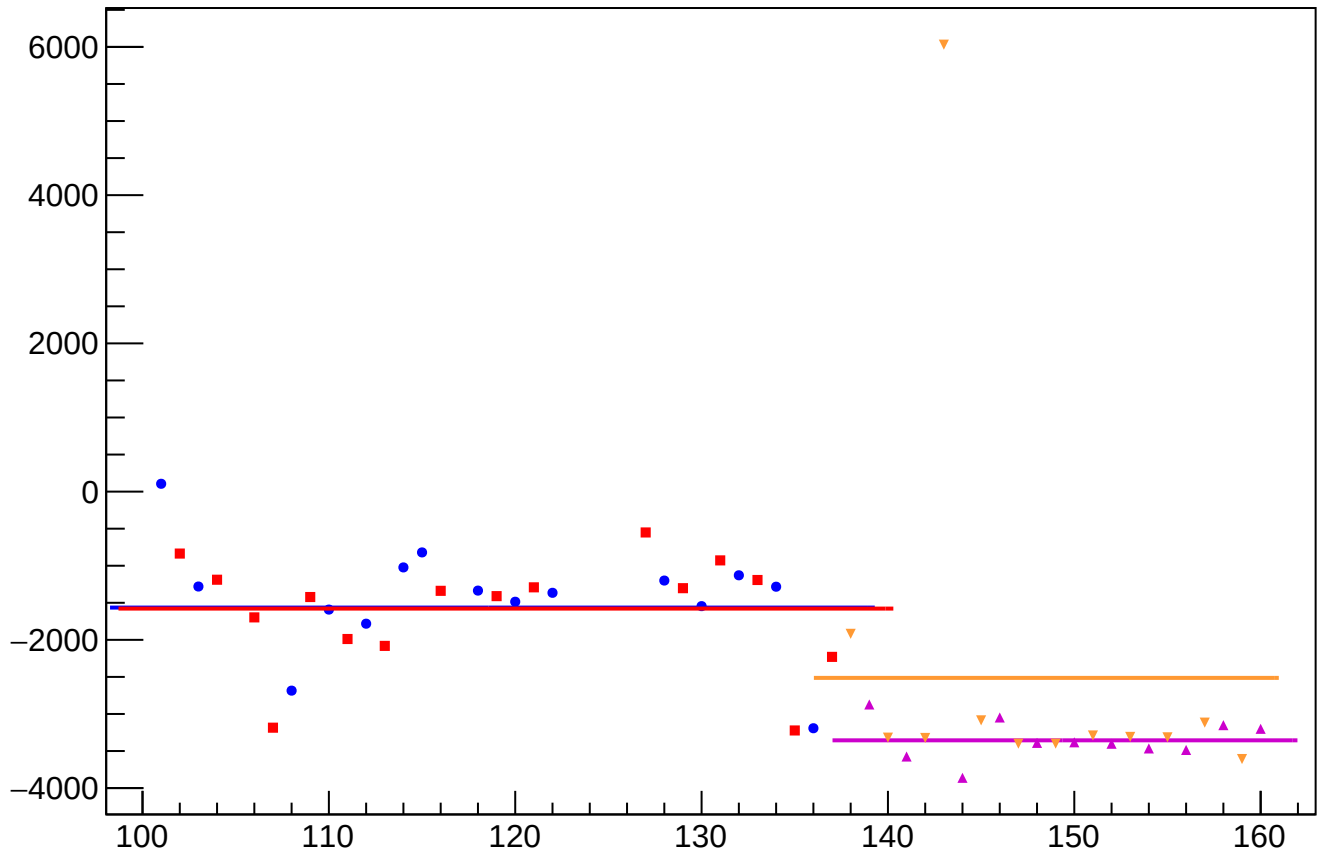
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

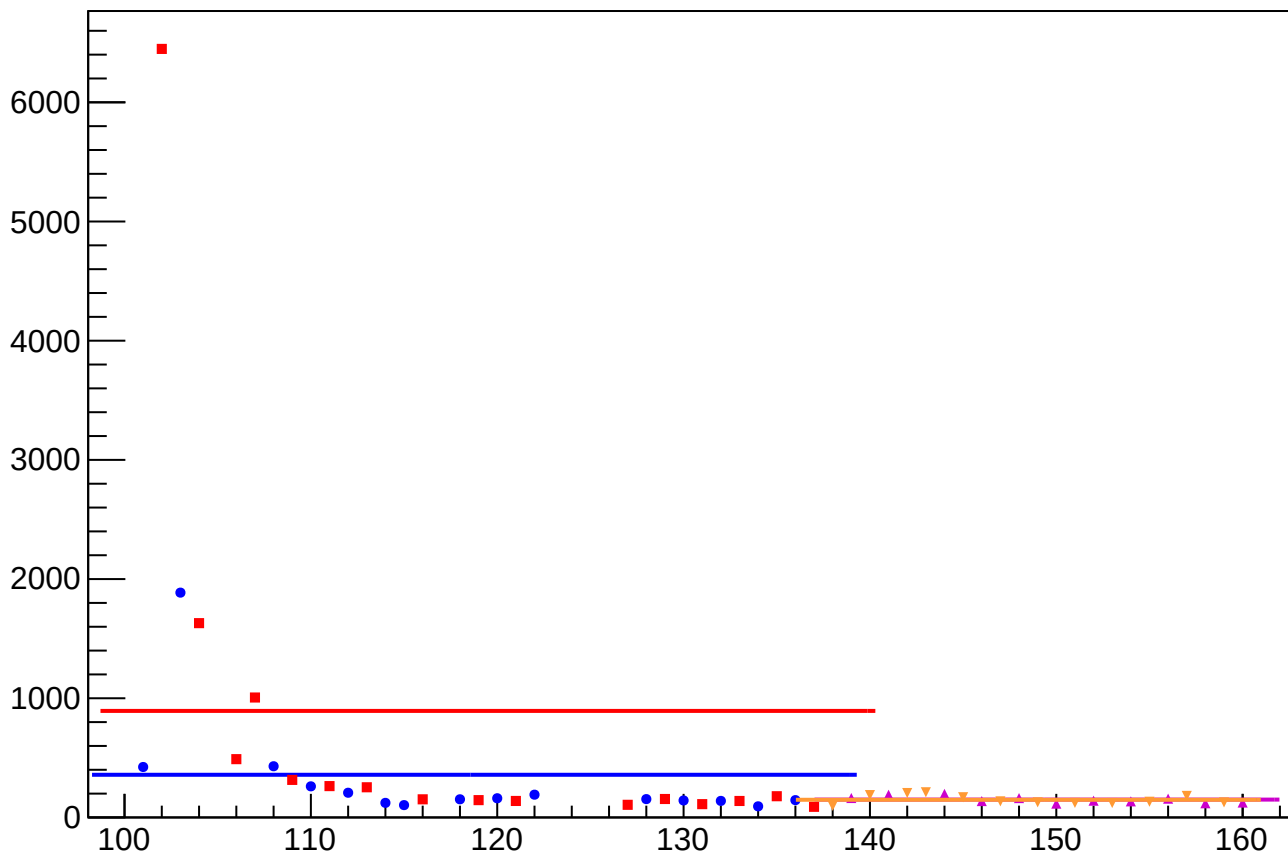
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_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
 All: -2367.087+/-0.000 χ^2/NDF : 8100740550
 + sign -2119.303+/-0.000 χ^2/NDF : 6256498974115
 - sign -2610.511+/-0.000 χ^2/NDF : 1654003244515

dit_atl1_coil3_err_mean vs Slug



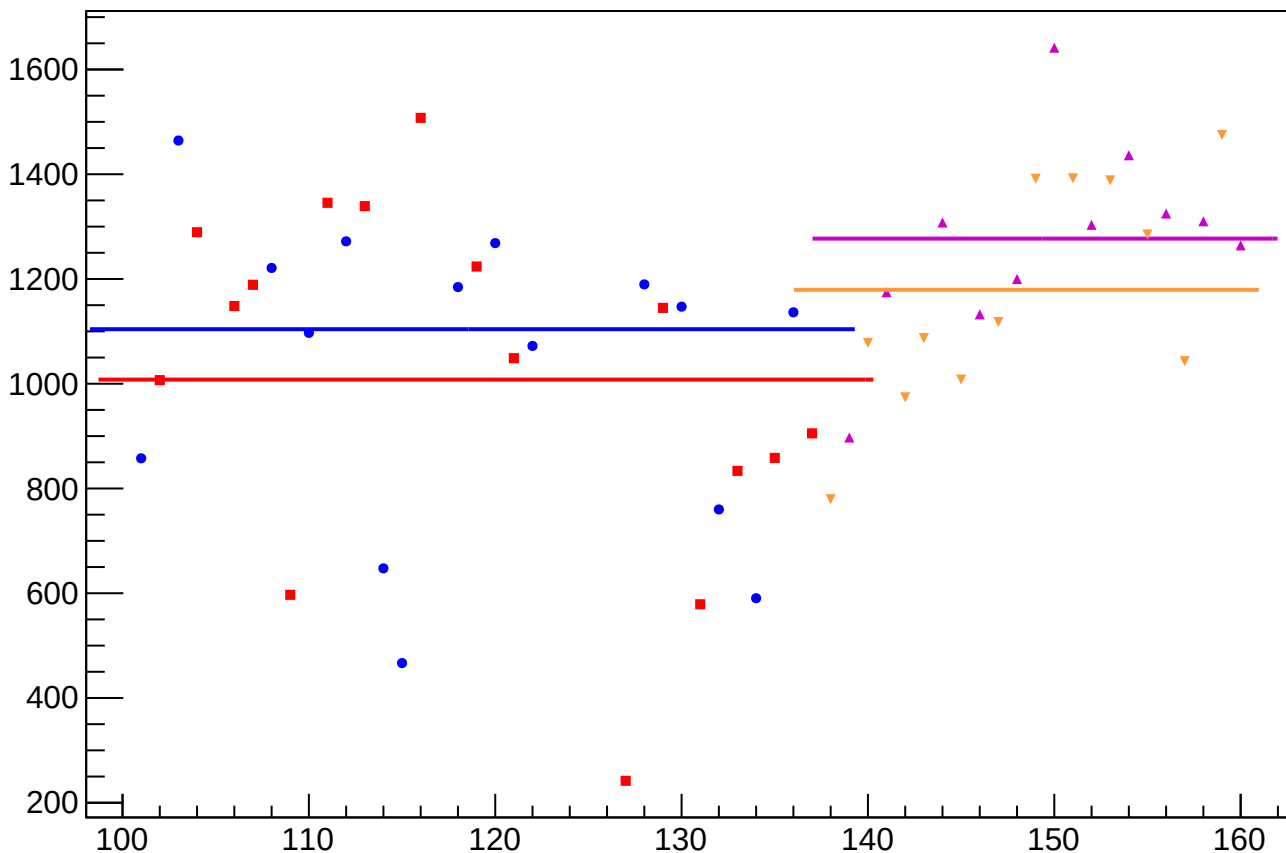
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.359+/-0.000 χ^2/NDF : 1090286331733366082581256970807803904.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

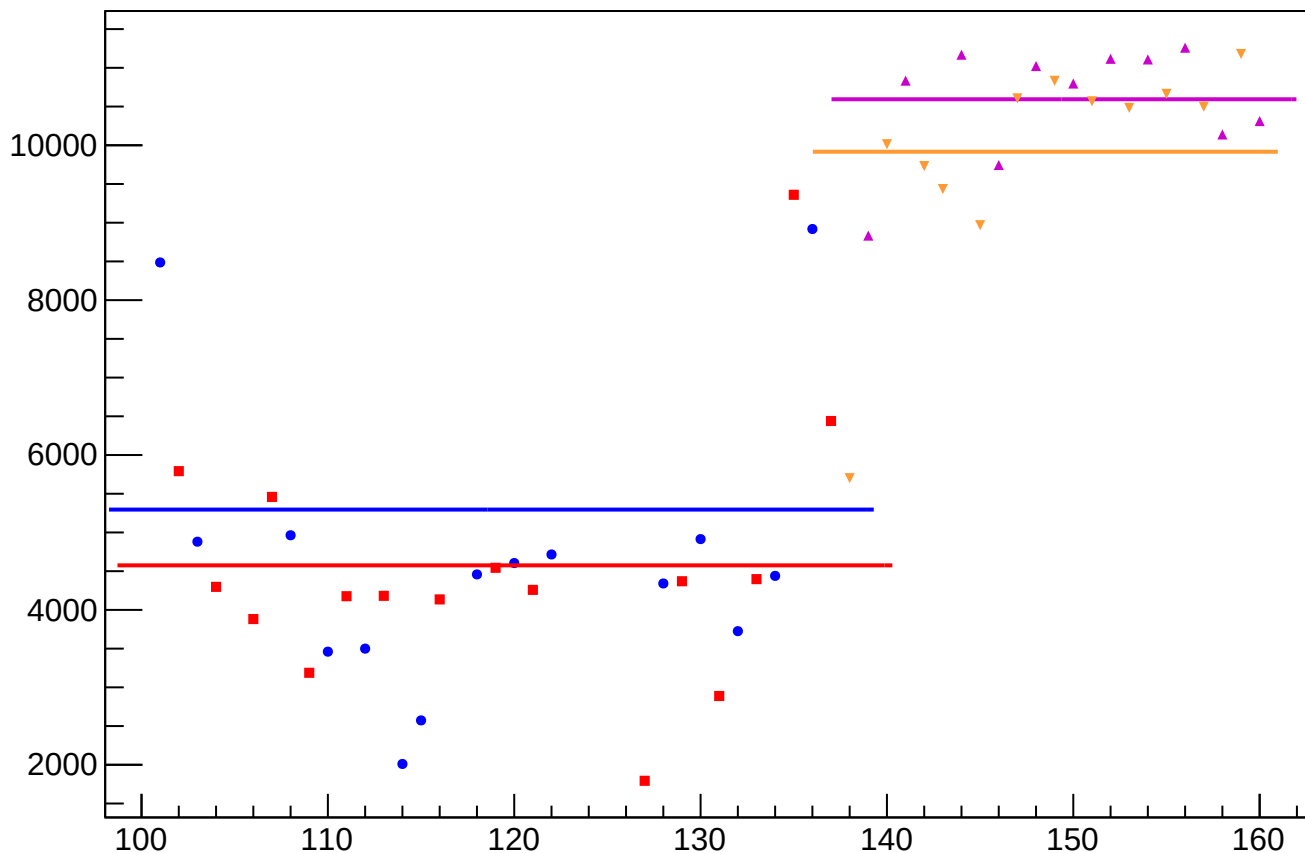
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

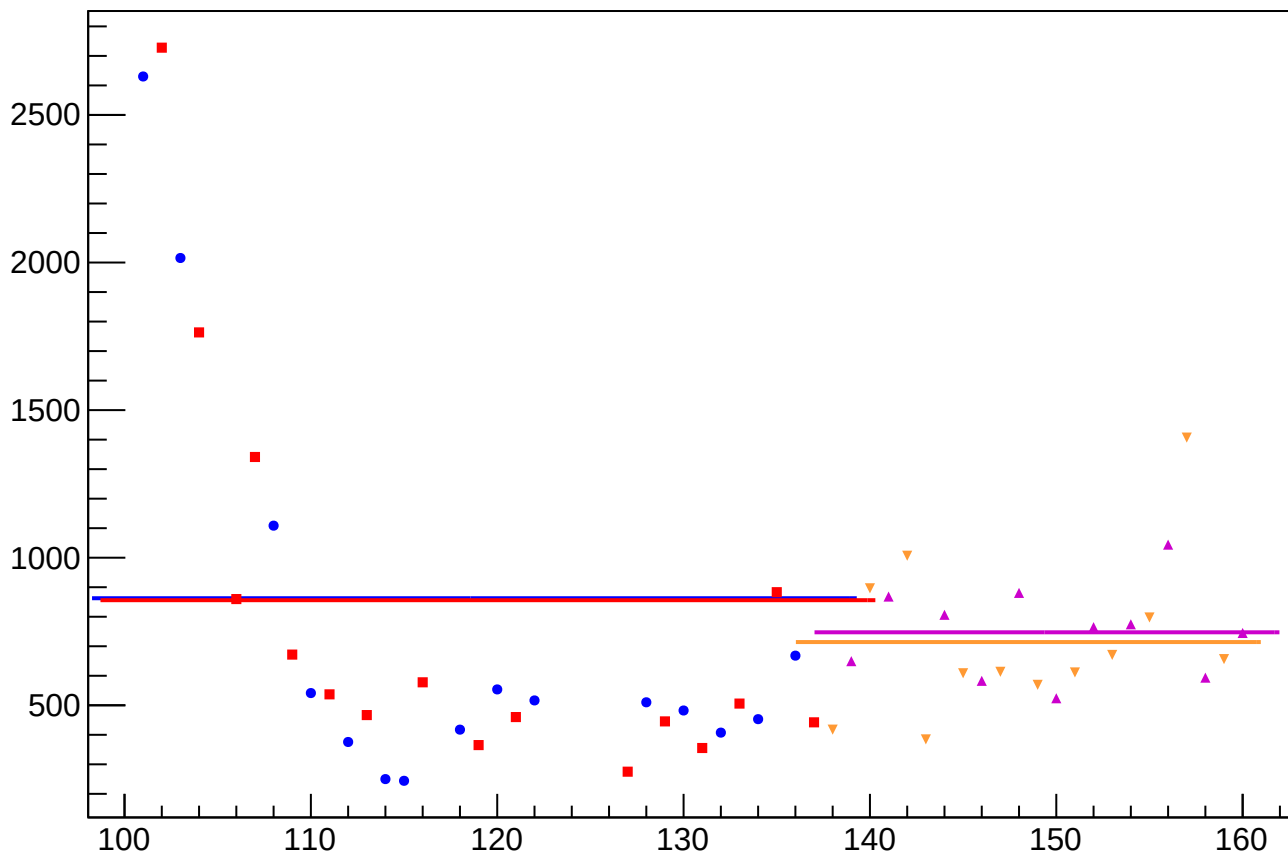
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485 $\pm$ 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

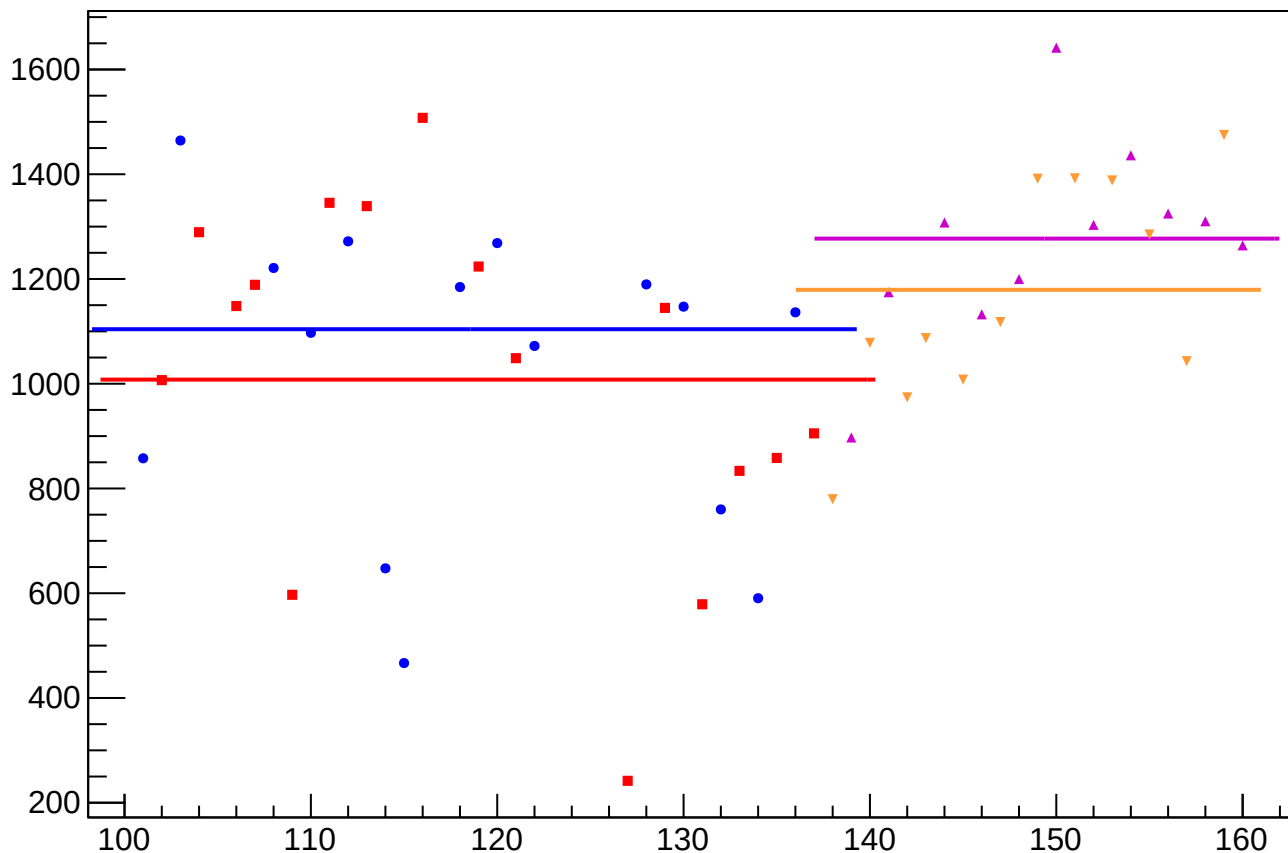
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ 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+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

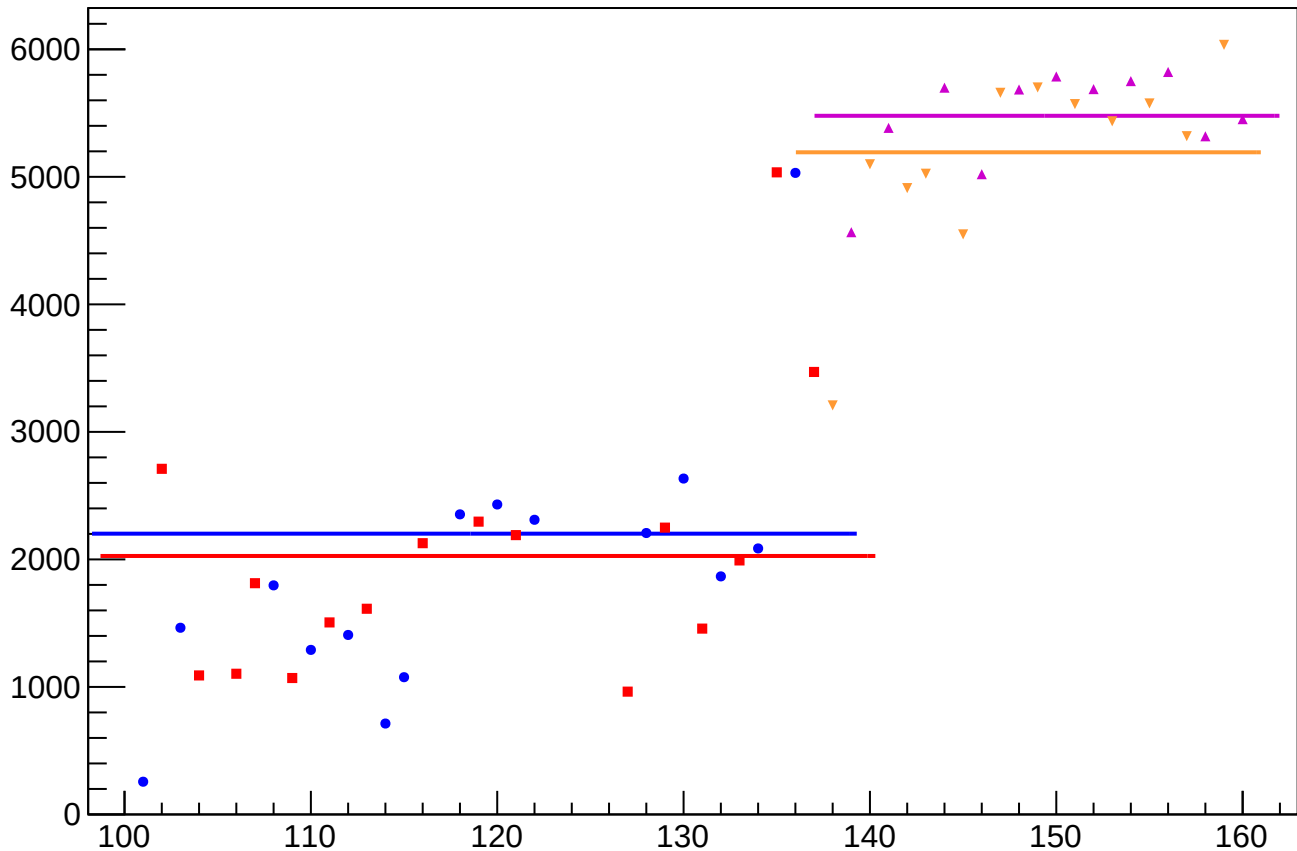
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

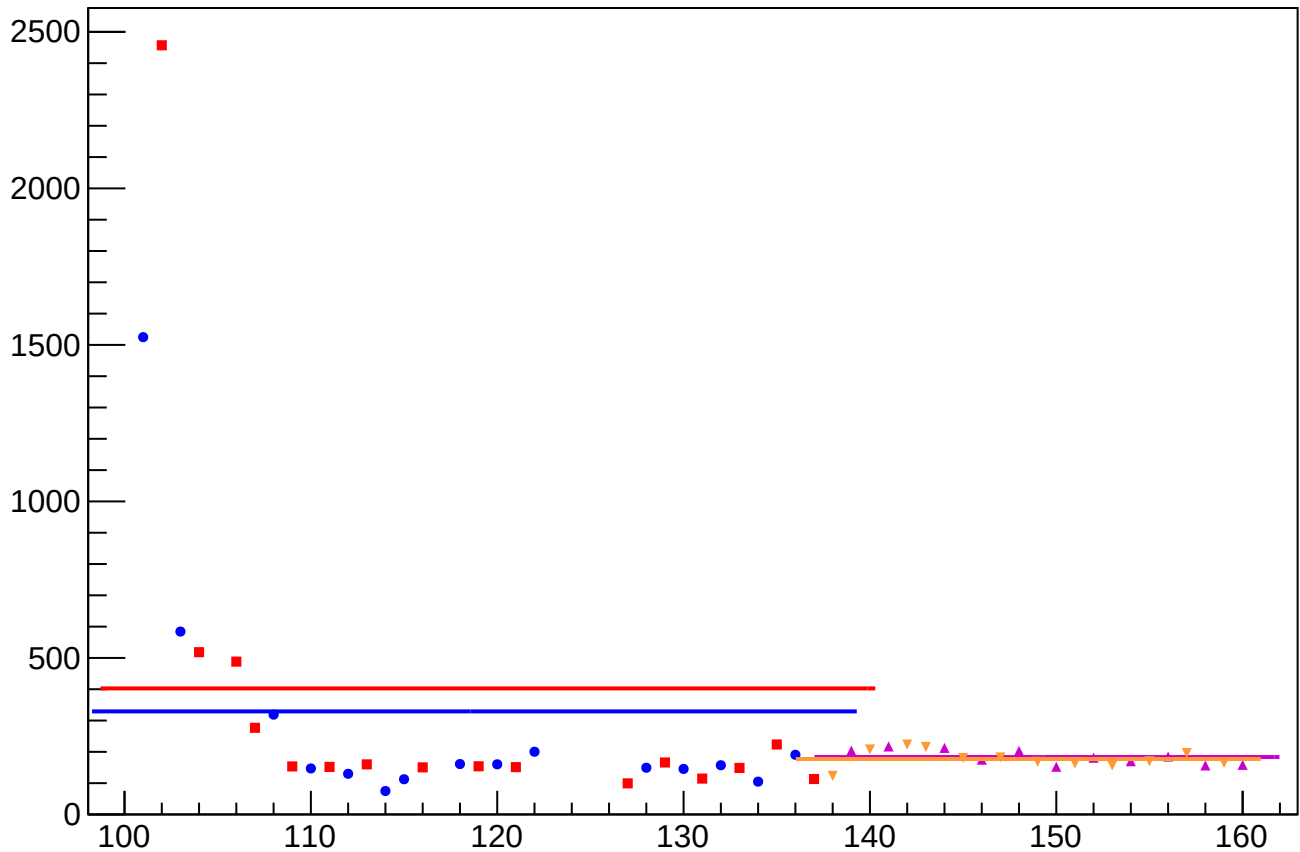
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr1_coil3_mean vs Slug



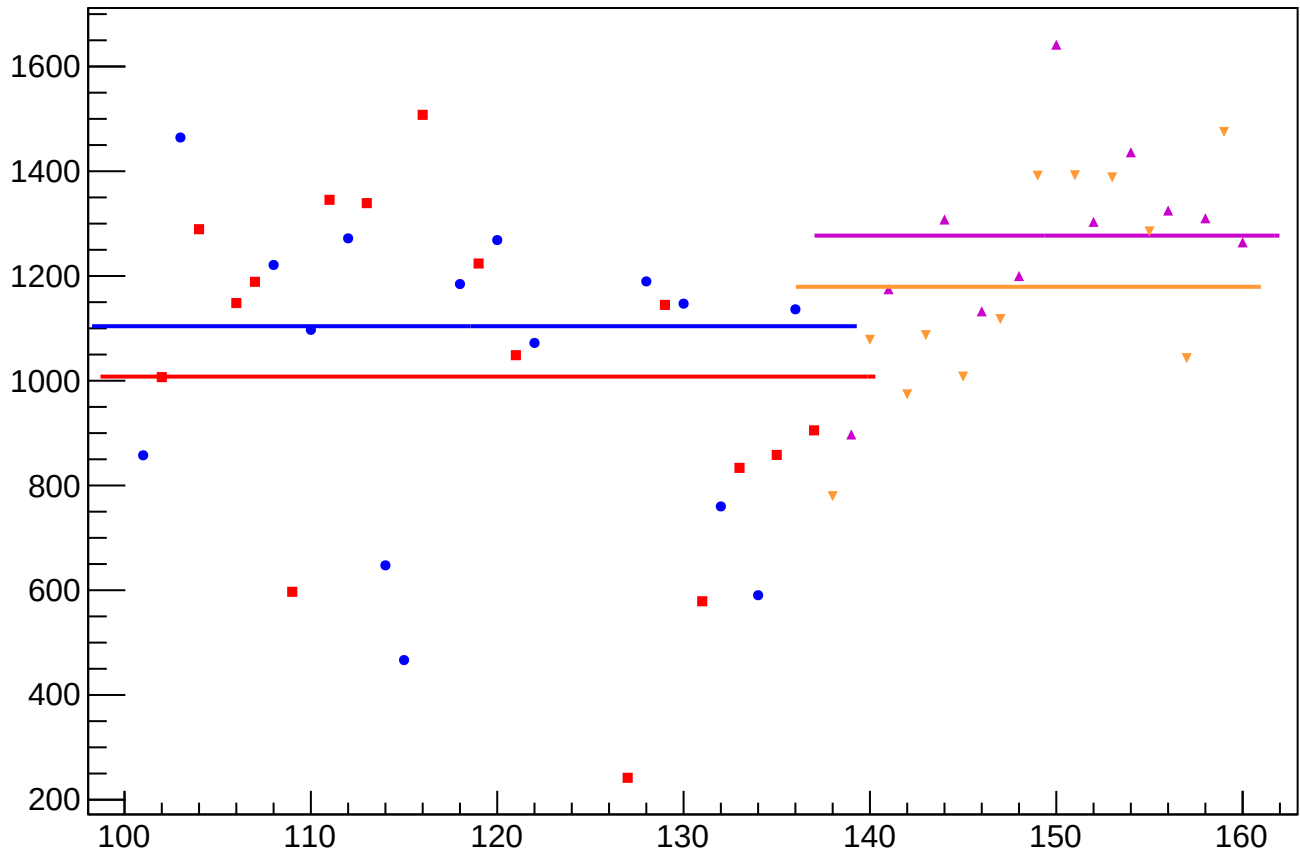
Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5192.476+/-0.000 χ^2/NDF : 470317118435532937200148346508624789504.0/11
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5478.713+/-0.000 χ^2/NDF : 124186054771424011873849346802583601152.0/10

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000	χ^2/NDF : 103285029091922742033837903437132464128.0/14	+ sign 240.268+/-0.000	χ^2/NDF : 112672514913123
Left Out: 177.101+/-0.000	χ^2/NDF : 604256347376555065664943941601984512.0/11	All: 257.960+/-0.000	χ^2/NDF : 41035727361
Right Out: 402.690+/-0.000	χ^2/NDF : 277636056793293374242116053515003494400.0/15	- sign 275.340+/-0.000	χ^2/NDF : 296714971855196
Left In: 183.411+/-0.000	χ^2/NDF : 452789814018275751637875535657304064.0/10		

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

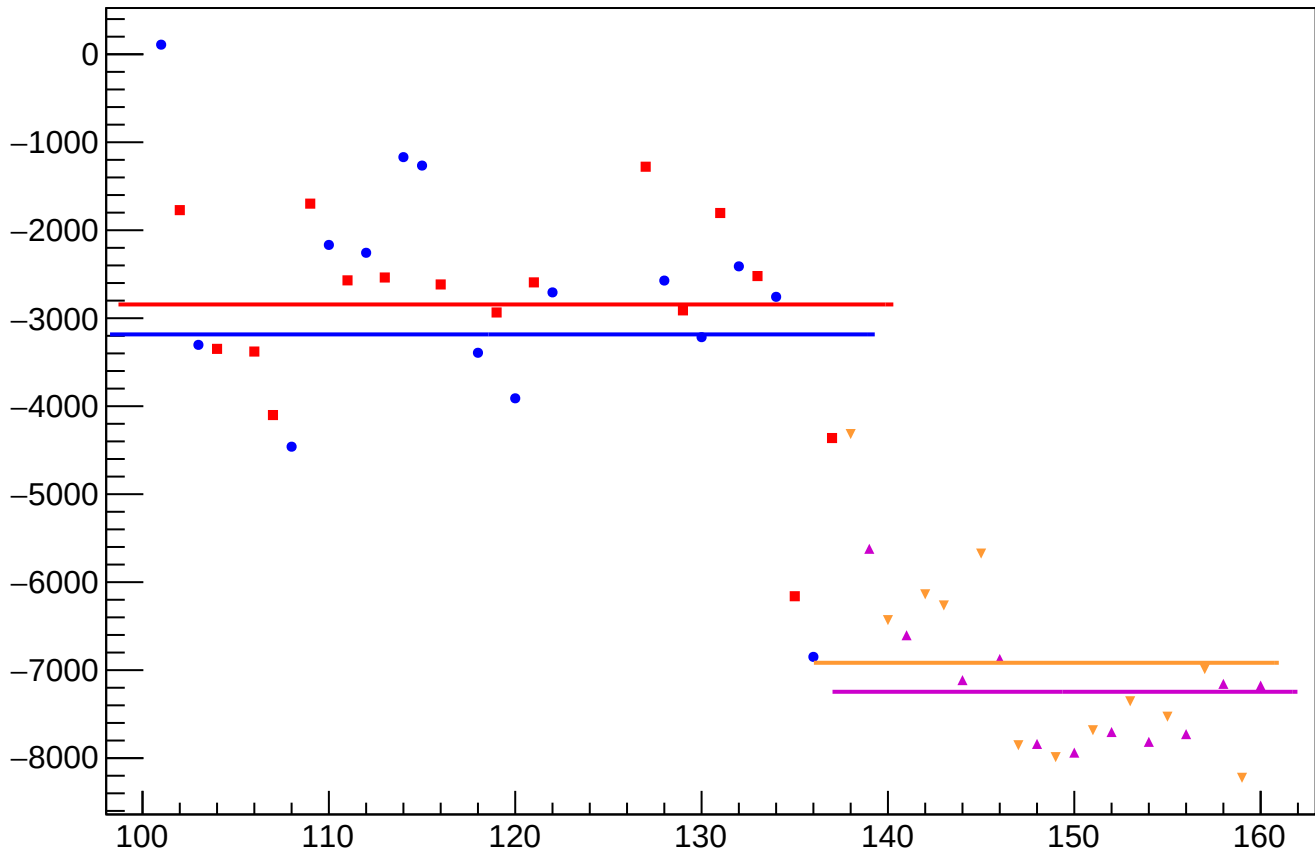
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

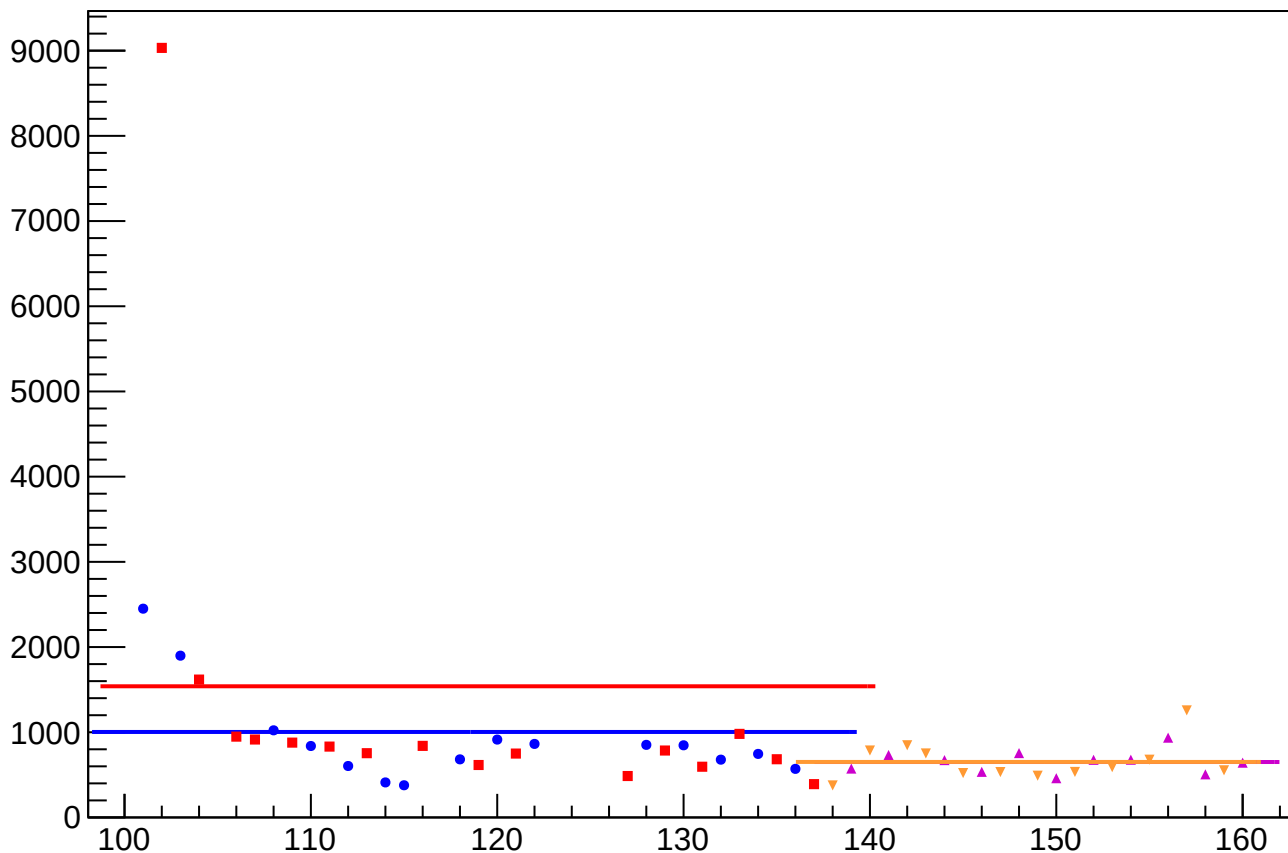
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -6916.269+/-0.000 χ^2/NDF : 1116807093678978049721043579861444067328.0/11
 Right Out: -2843.597+/-0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: -7245.920+/-0.000 χ^2/NDF : 401760462783969098772010925007315140608.0/10

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

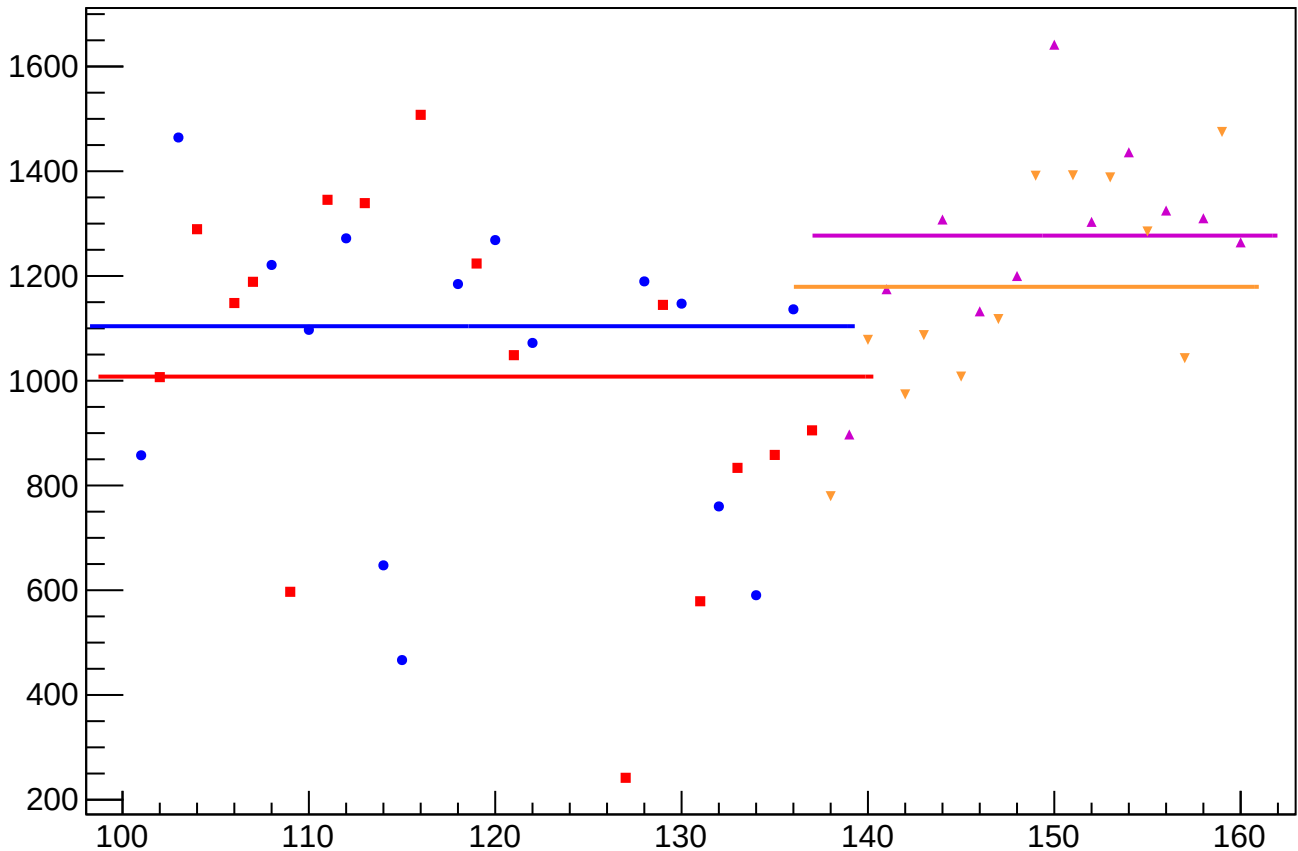
All: 911.528+/-0.000 χ^2/NDF : 428810018273

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+/-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

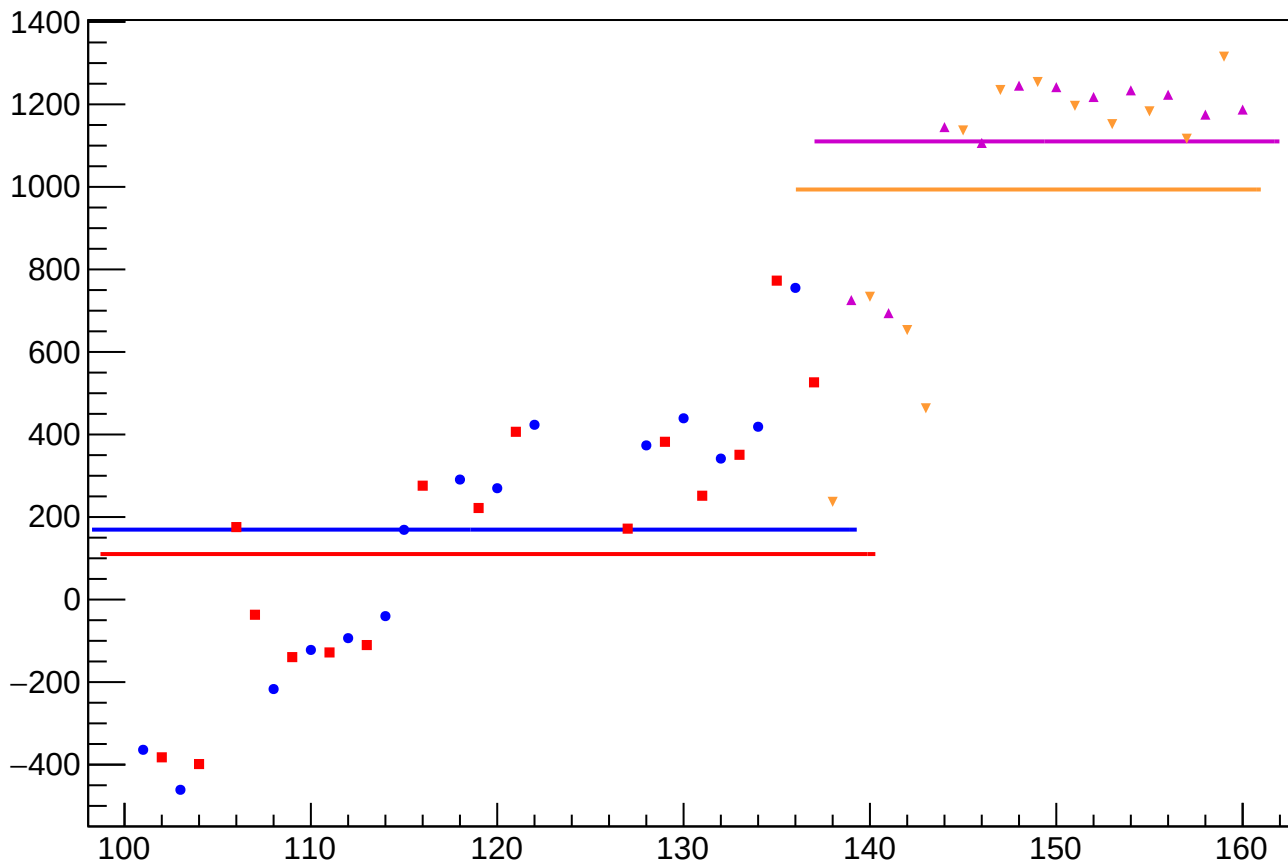
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

+ sign 651.454+/-0.000 χ^2/NDF : 457110601754155

Left Out: 993.680+/-0.000 χ^2/NDF : 103871744093271862136270527542037839872.0/11

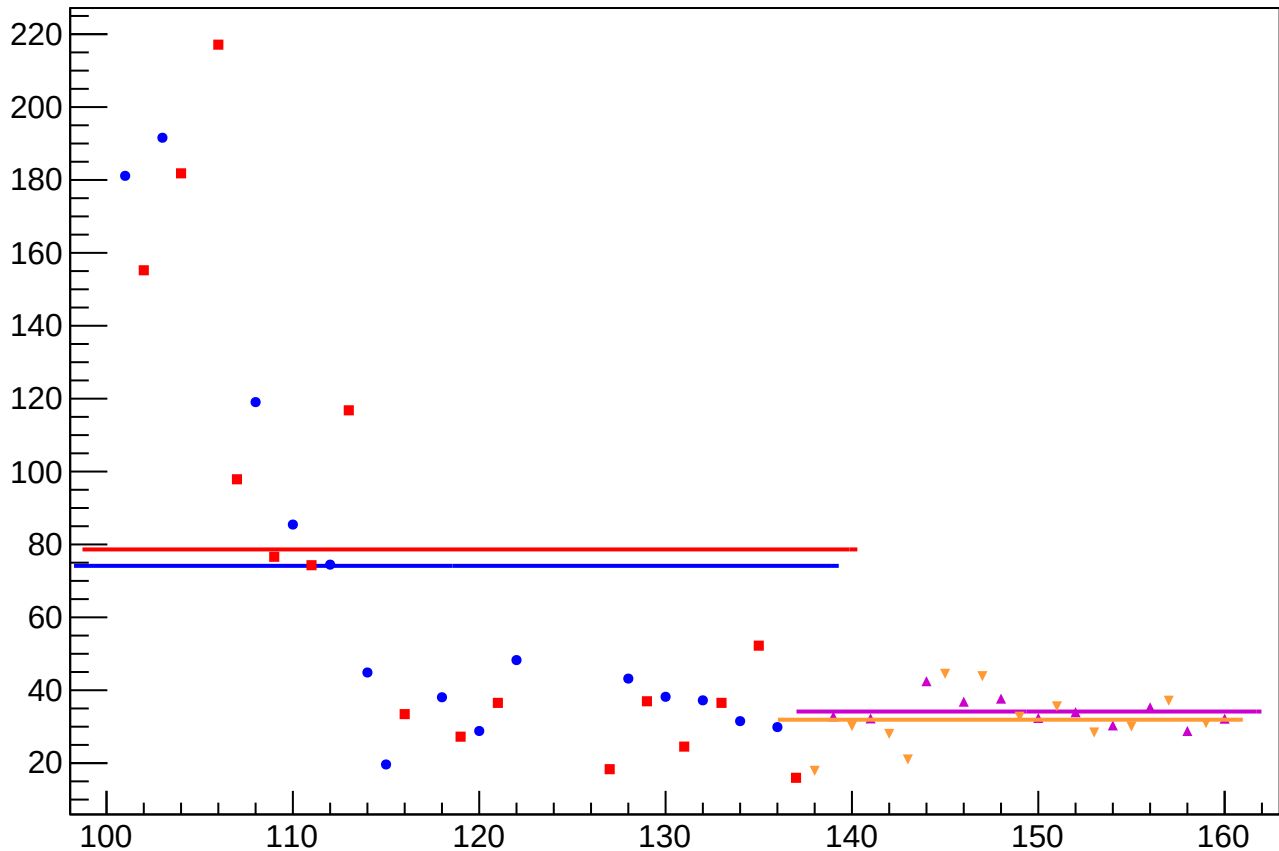
All: 671.406+/-0.000 χ^2/NDF : 951499306925

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF : 52391134971476446801164737802403840.0/11

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

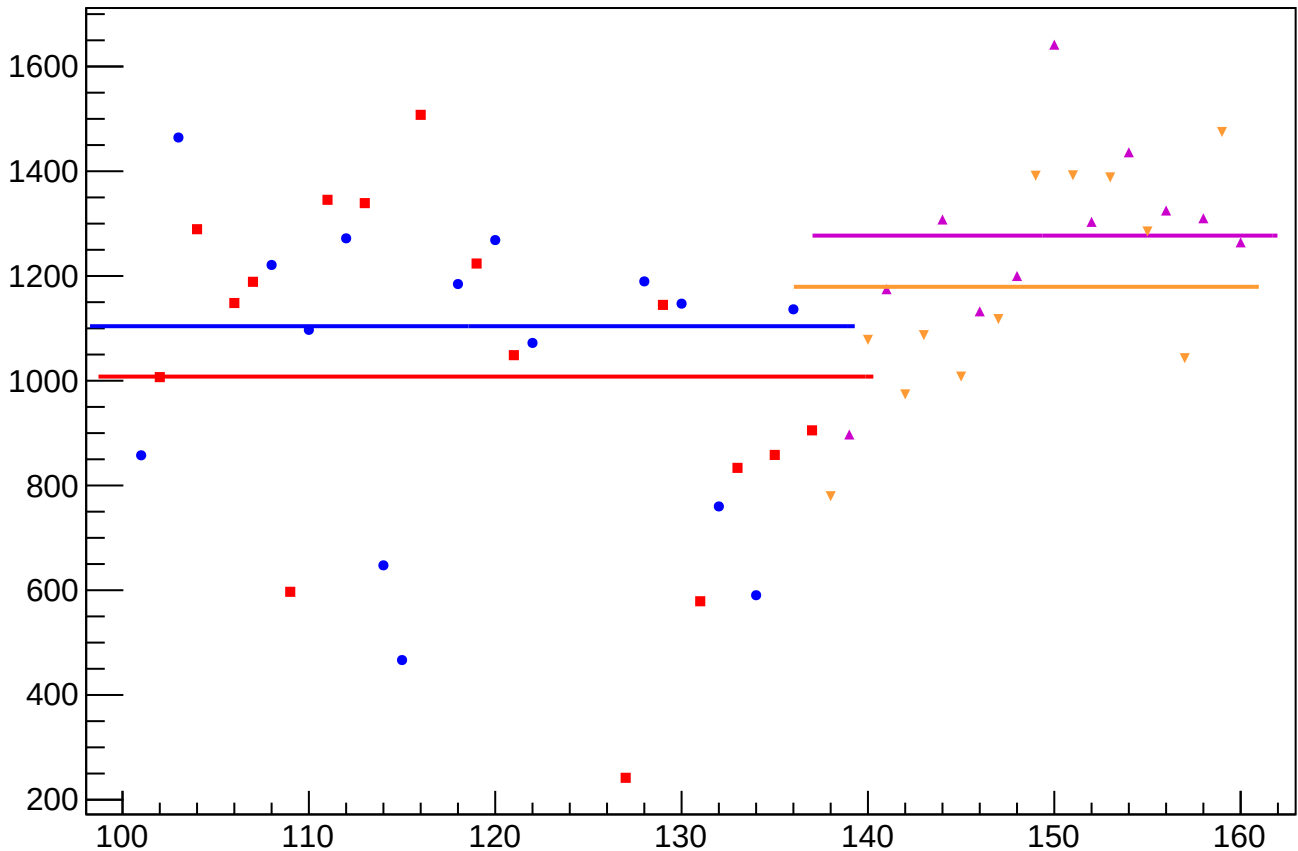
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.444+/-0.000 χ^2/NDF : 2897043511629601

All: 51.139+/-0.000 χ^2/NDF : 6027926549606

- sign 52.804+/-0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

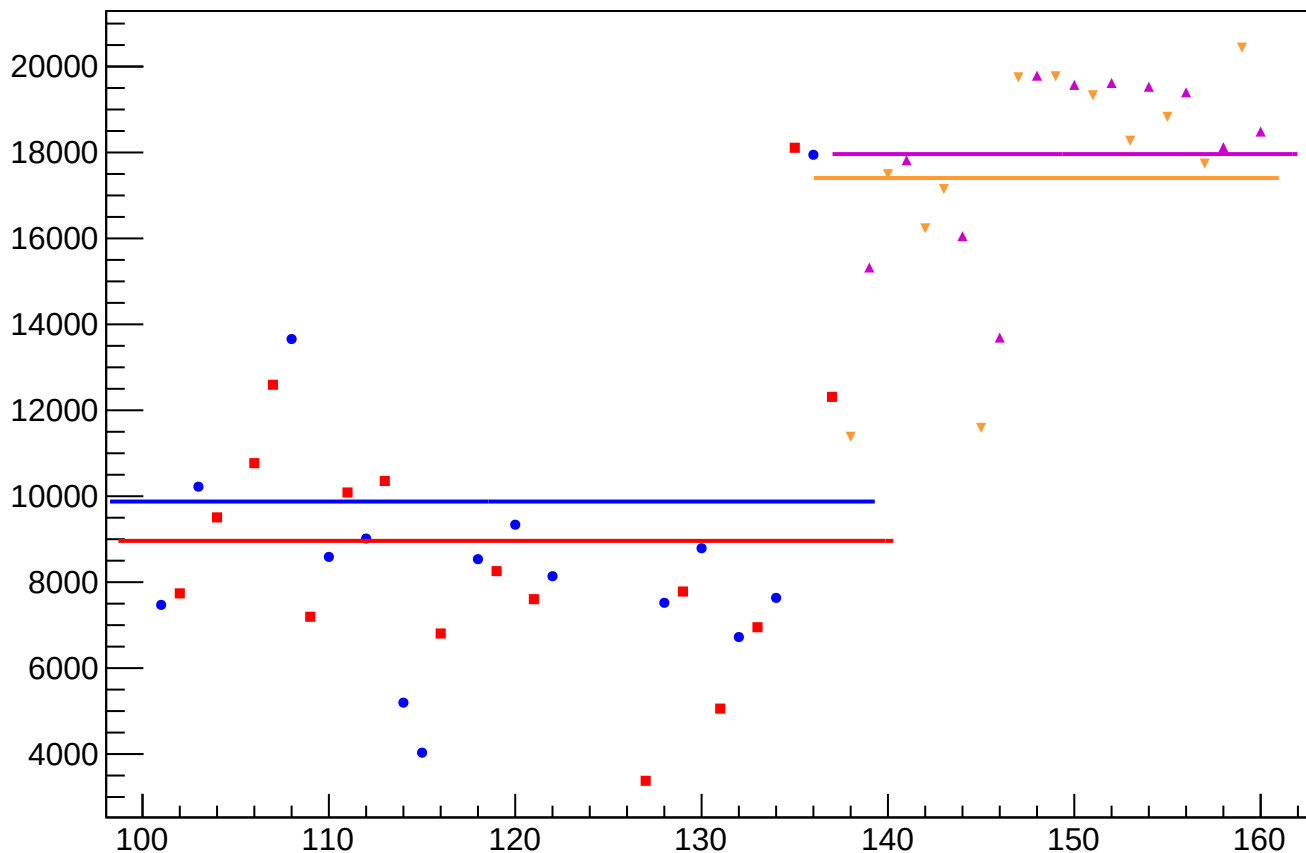
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

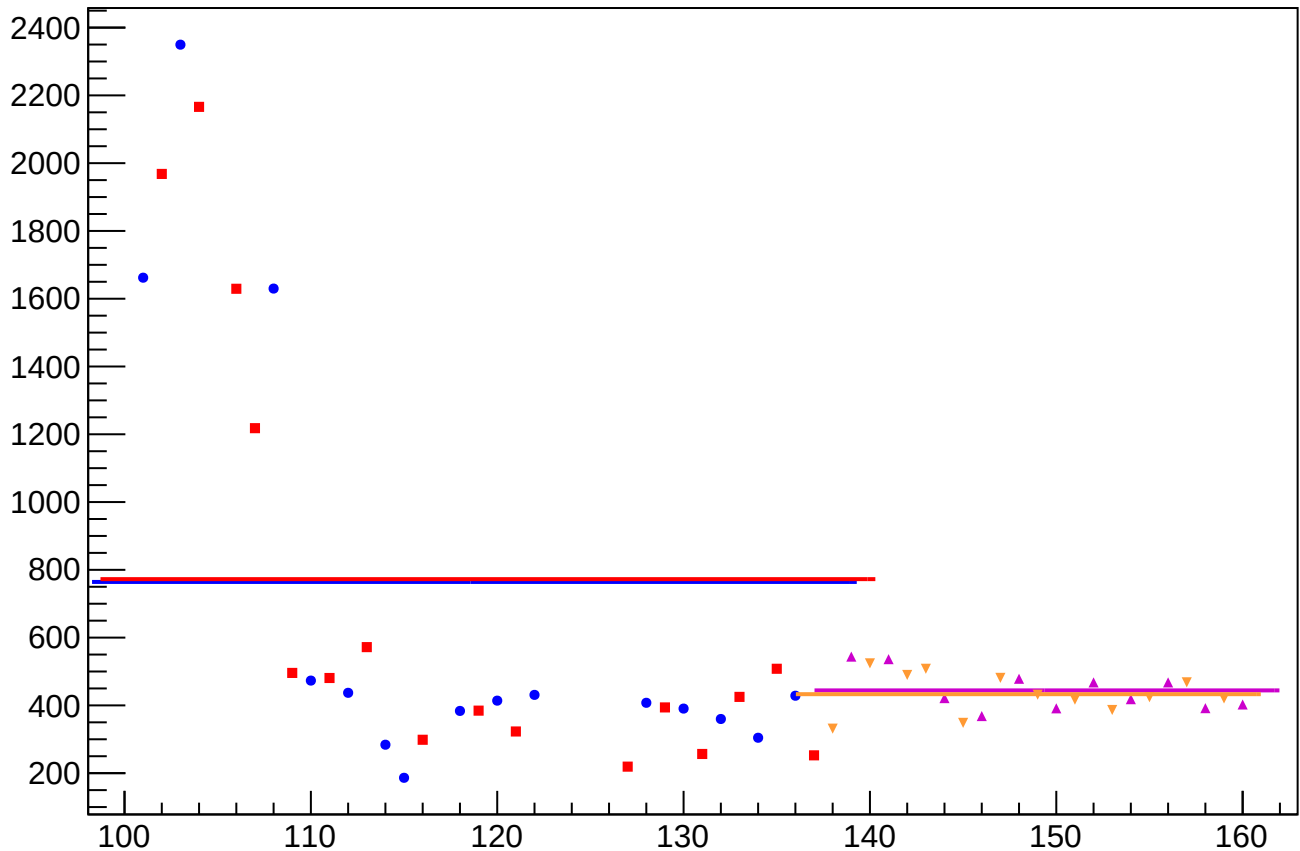
dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000	χ^2/NDF : 8483360287053054122301651905797133697024.0/14
Left Out: 17405.049+/-0.000	χ^2/NDF : 7689801671099378791544545422175664865280.0/11
Right Out: 8961.593+/-0.000	χ^2/NDF : 7583728644146461427304320888408335450112.0/15
Left In: 17962.529+/-0.000	χ^2/NDF : 3564698291142811133043344688261317525504.0/10

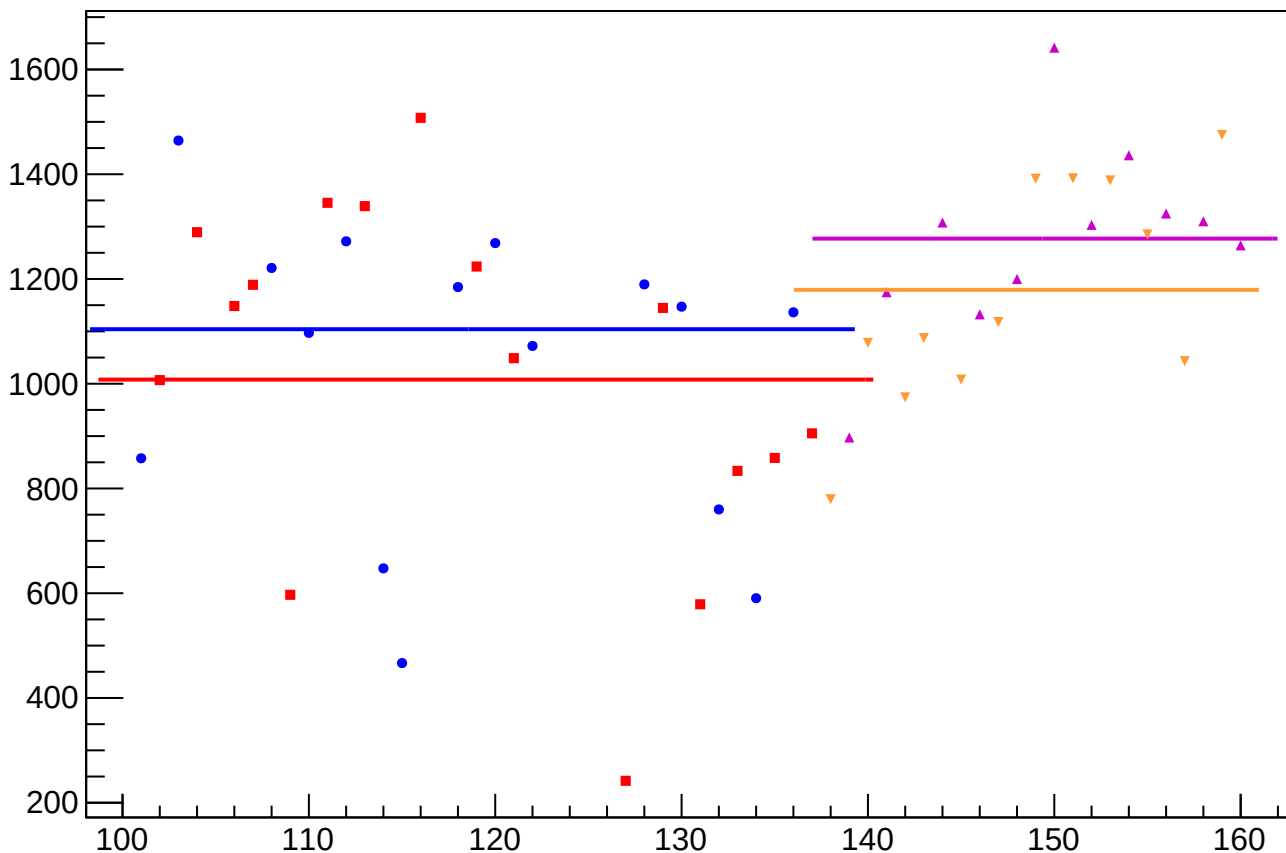
+ sign 14279.004+/-0.000 χ^2/NDF : 3768368481481
 All: 14233.622+/-0.000 χ^2/NDF : 8022211512
 - sign 14189.038+/-0.000 χ^2/NDF : 4253204880235

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

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

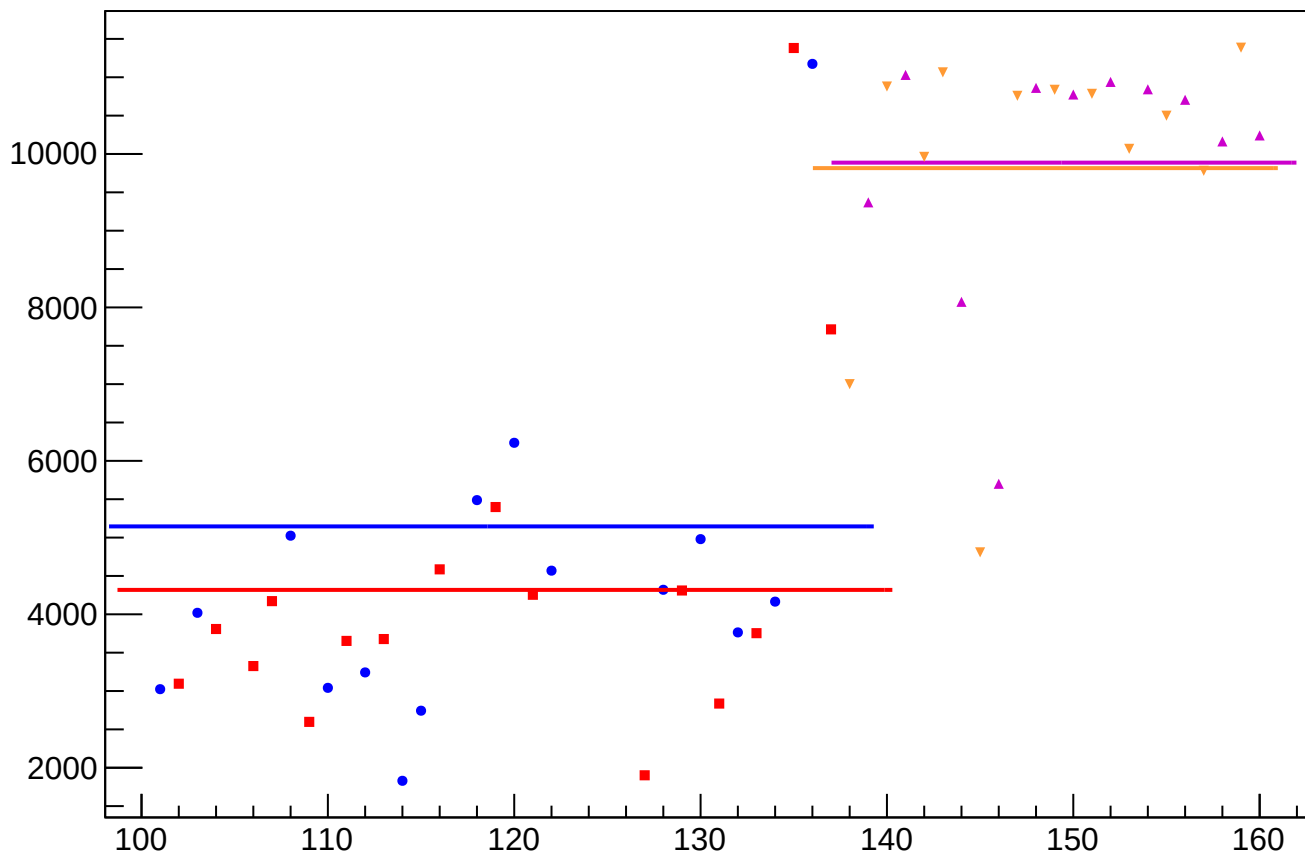
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

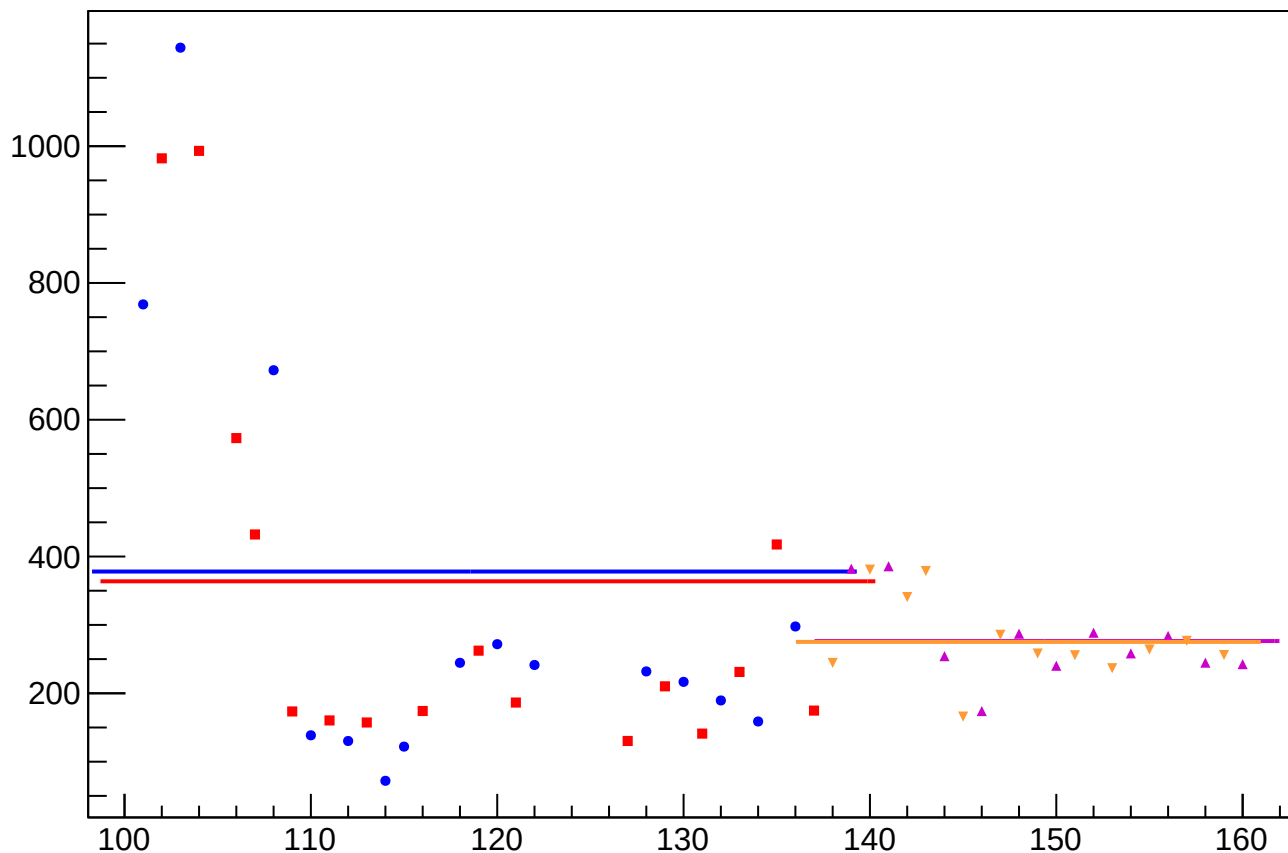
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000	χ^2/NDF : 4272867262459372237810540195851662262272.0/14	+ sign 7876.592+/-0.000	χ^2/NDF : 15792133720732
Left Out: 9815.736+/-0.000	χ^2/NDF : 3242126212507286714618316704208262266880.0/11	All: 7713.049+/-0.000	χ^2/NDF : 33512301235
Right Out: 4318.126+/-0.000	χ^2/NDF : 3345176554564755427312533888908526616576.0/15	- sign 7552.383+/-0.000	χ^2/NDF : 17637293606384
Left In: 9887.069+/-0.000	χ^2/NDF : 2278516780225824082632420288802127347712.0/10		

dit_sam3_coil3_err_mean vs Slug



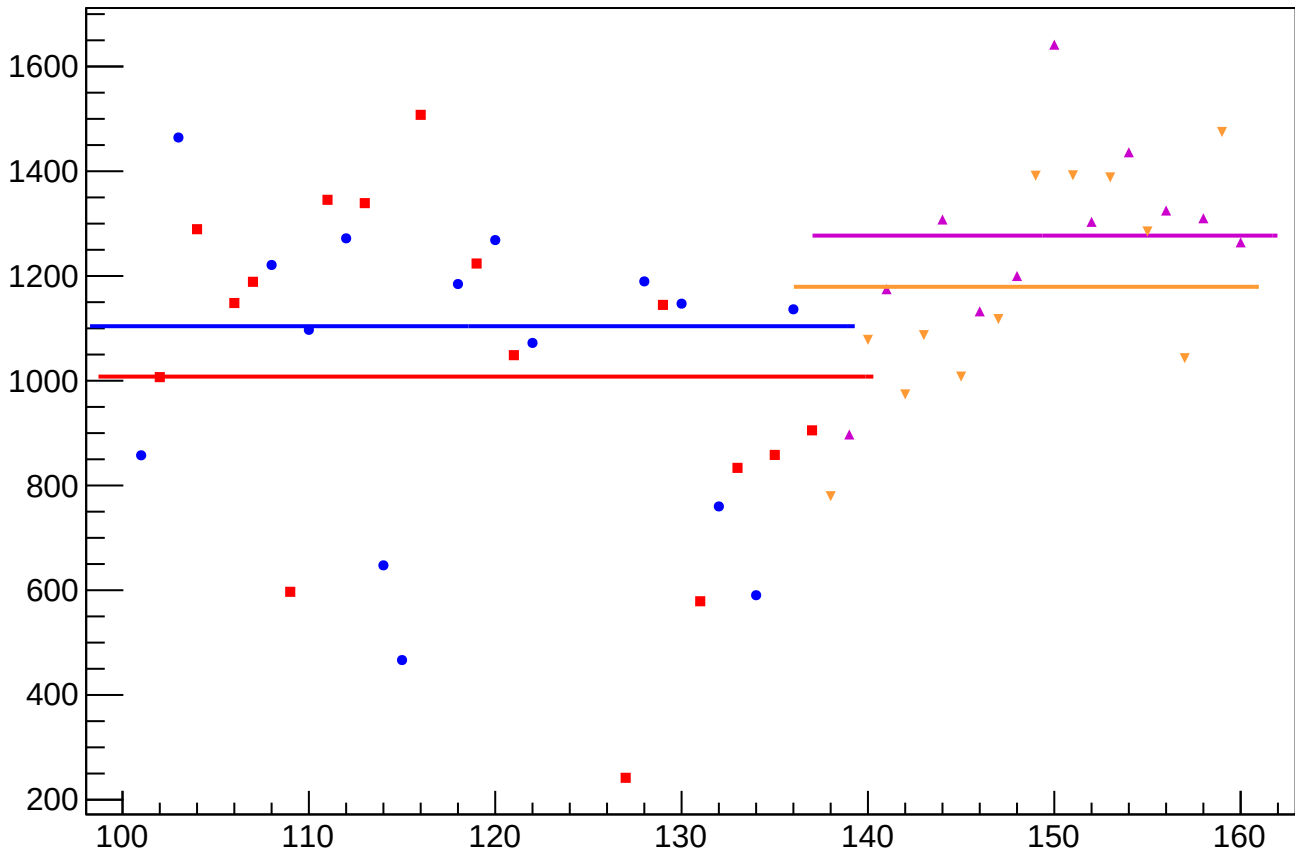
Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

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

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

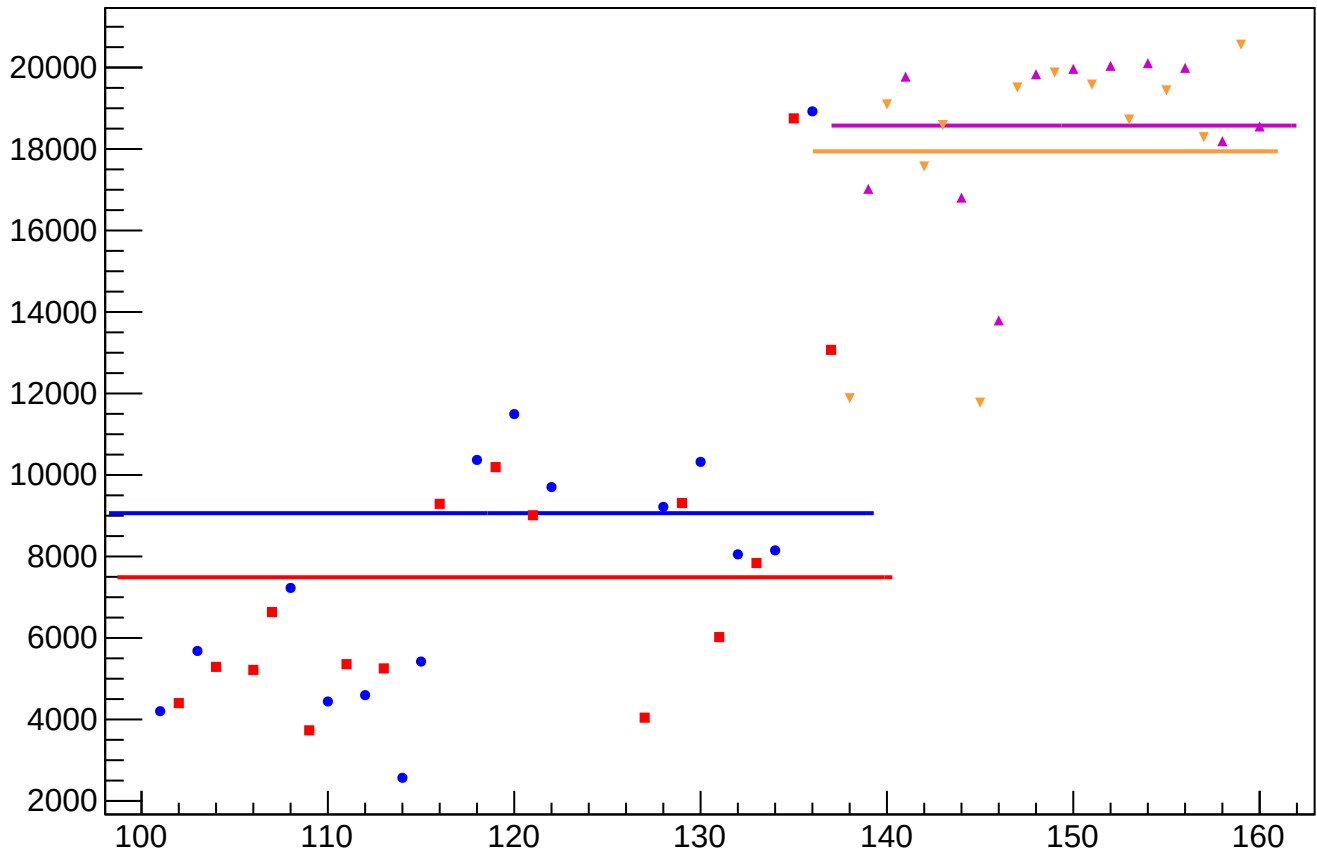
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

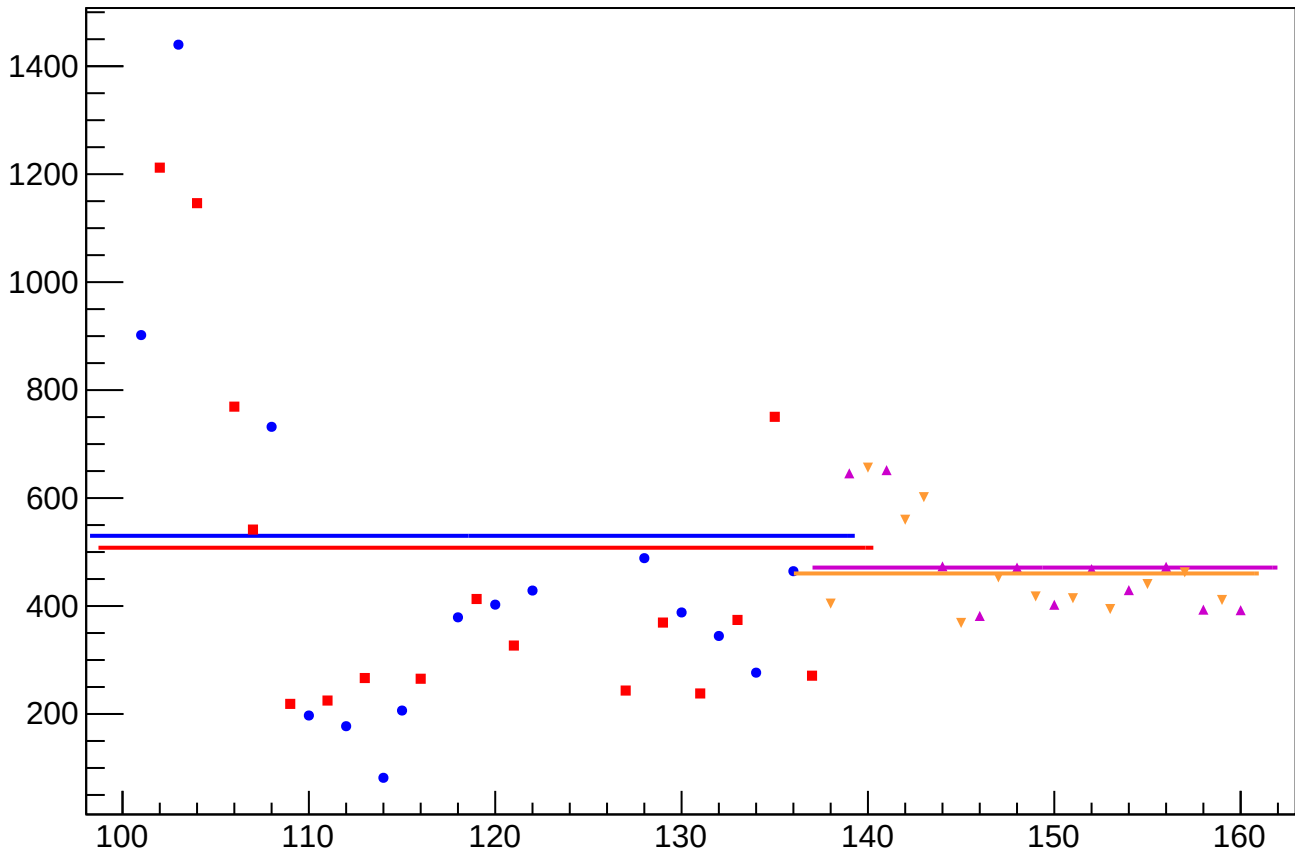
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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



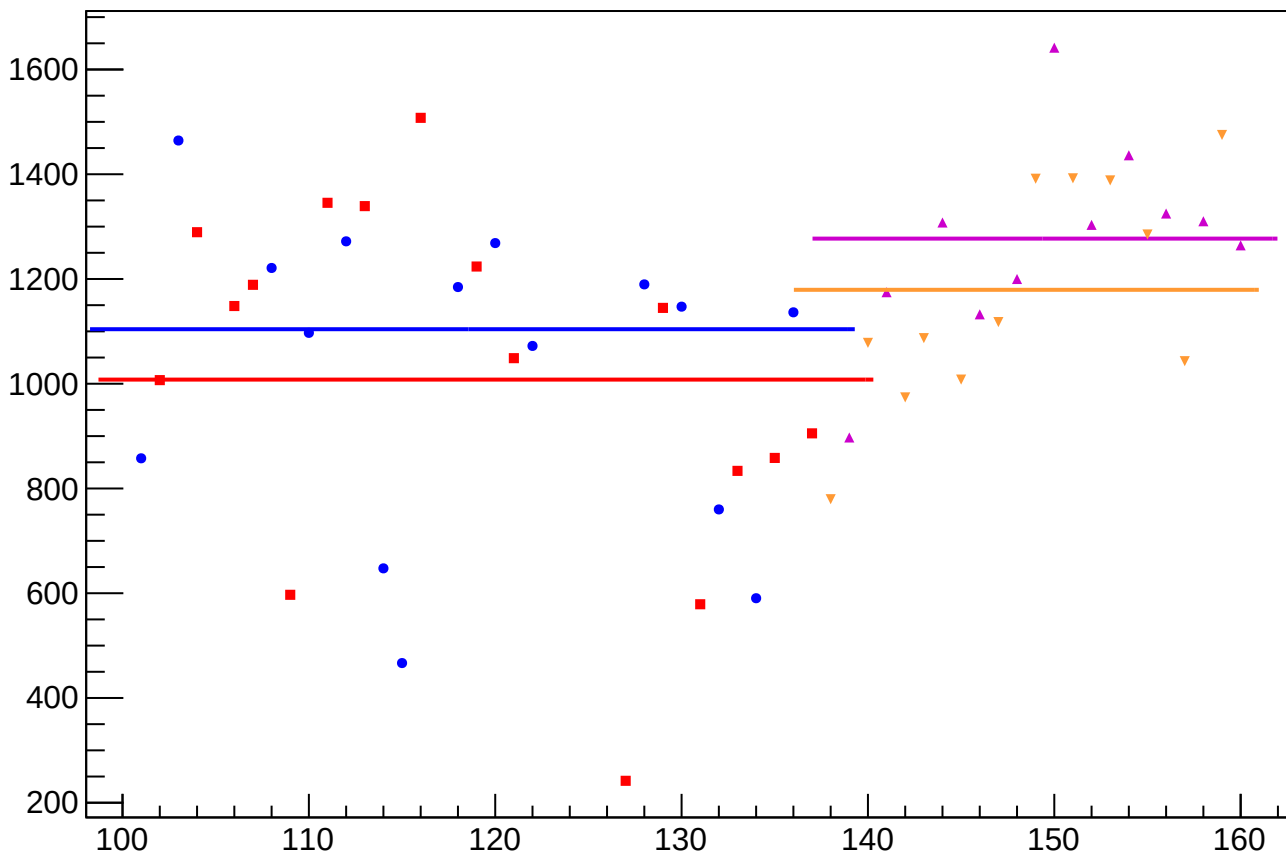
Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

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

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

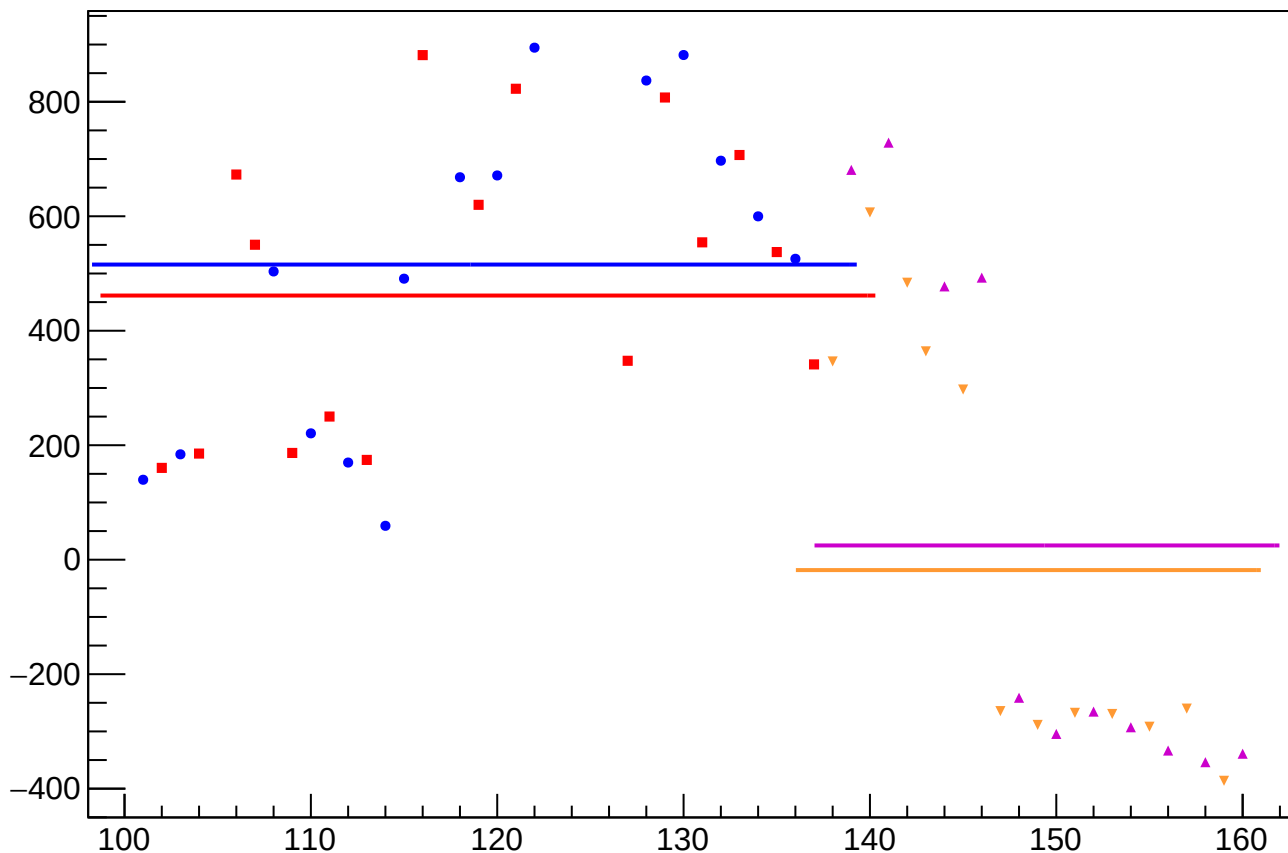
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

+ sign 203.495+/-0.000 χ^2/NDF : 270613075260864

Left Out: -18.146+/-0.000 χ^2/NDF : 114014627327363890146179797072763420672.0/11

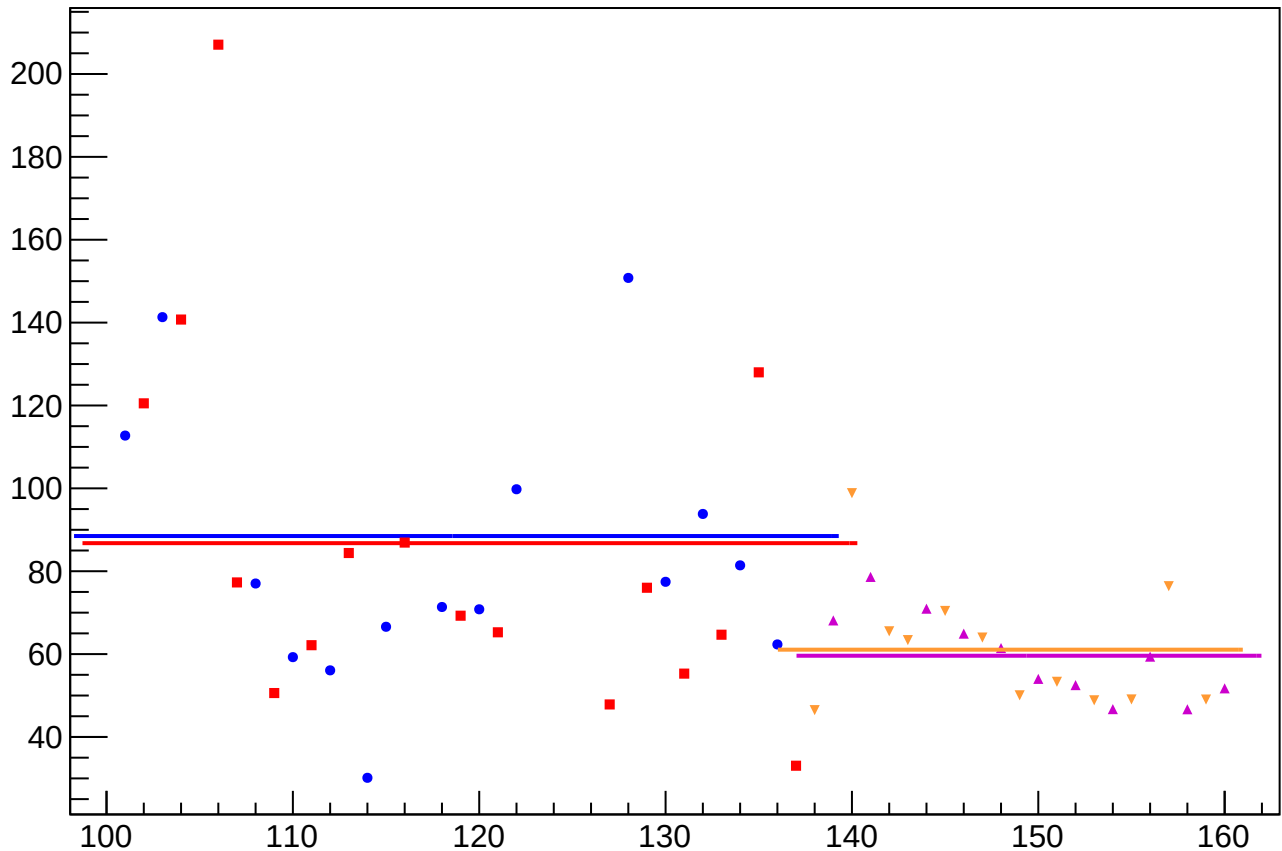
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

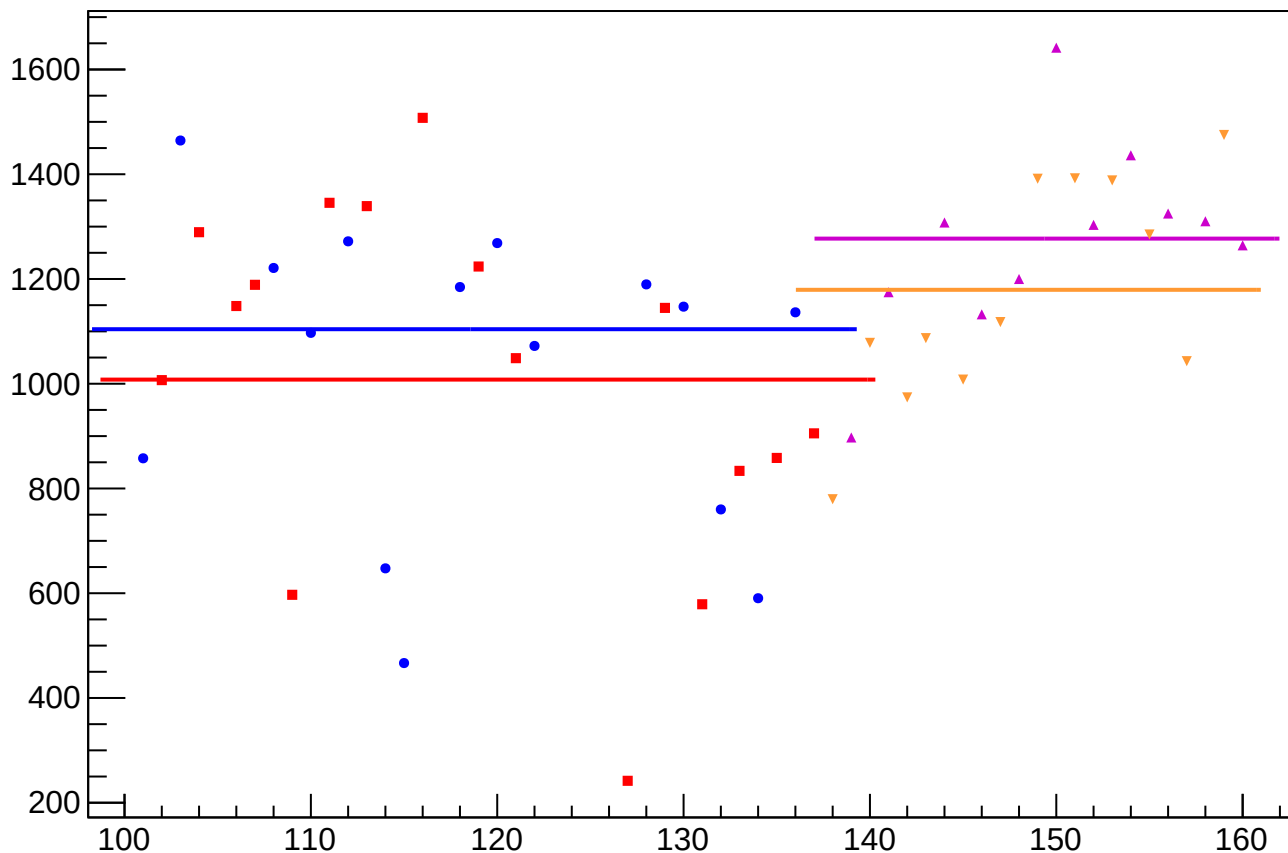
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14
 Left Out: 61.067+/-0.000 χ^2/NDF : 211507080213048507647331077961285632.0/11
 Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15
 Left In: 59.604+/-0.000 χ^2/NDF : 90862625181985664375323463168032768.0/10

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

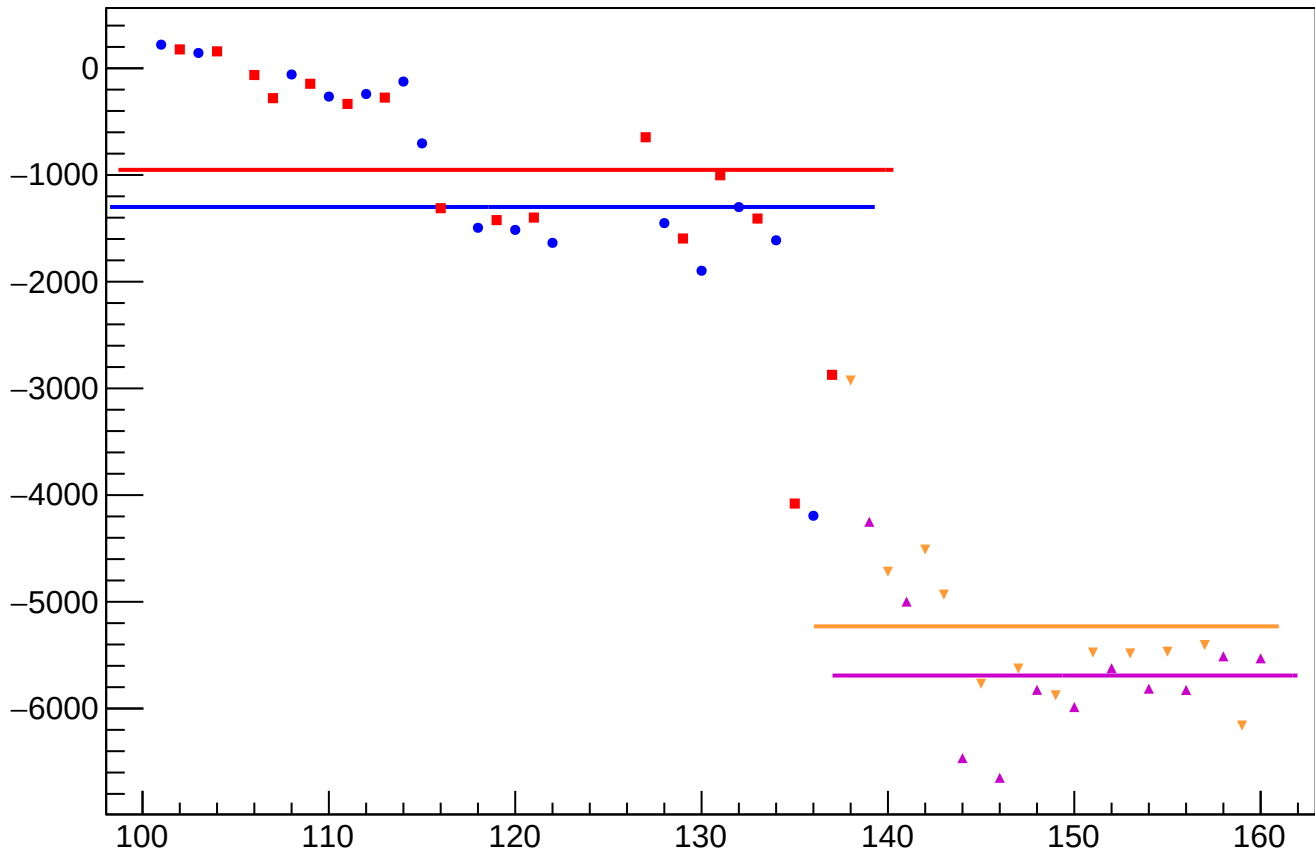
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100 +/- 0.000 χ^2/NDF : 73628368958625

All: 1156.244 +/- 0.000 χ^2/NDF : 20056102034.0/10

- sign 1164.243 +/- 0.000 χ^2/NDF : 12672719249309

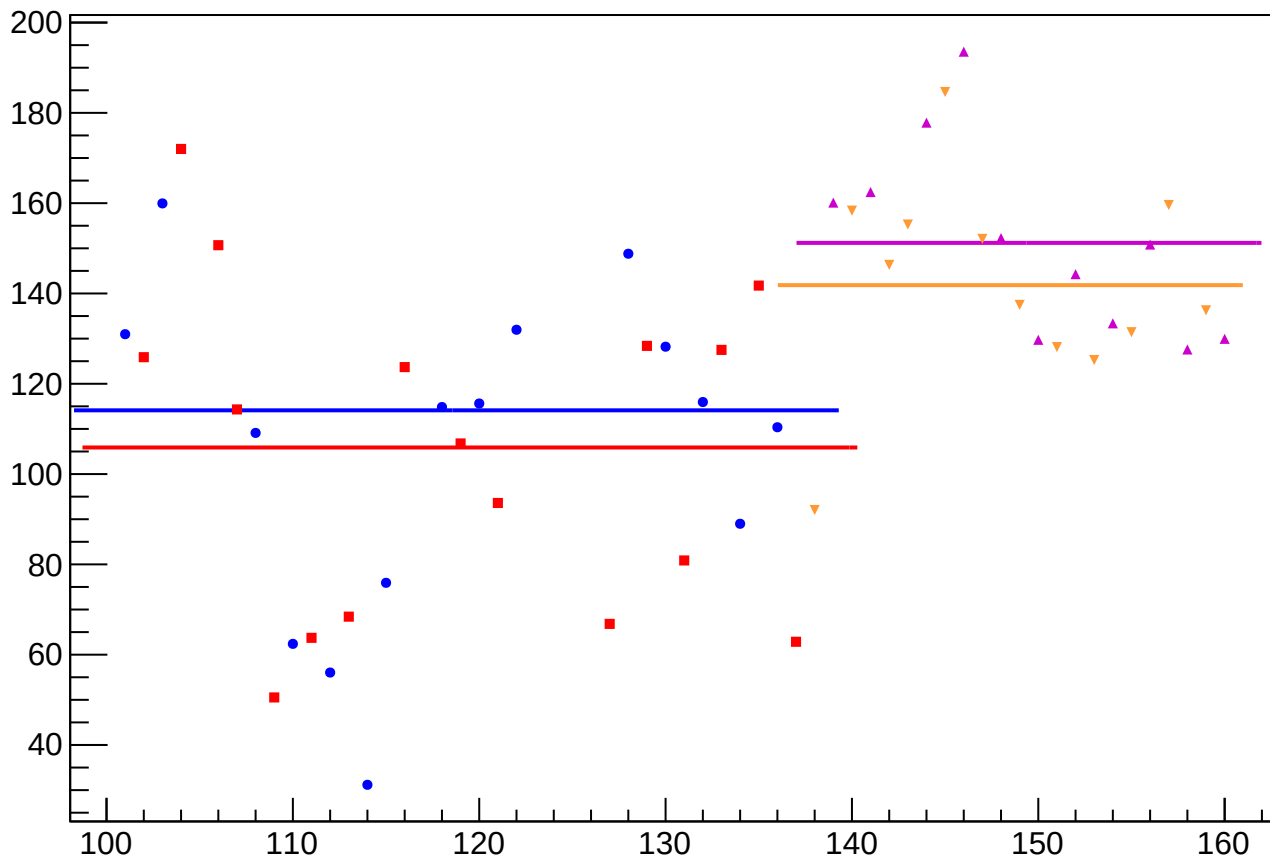
dit_sam6_coil3_mean vs Slug



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



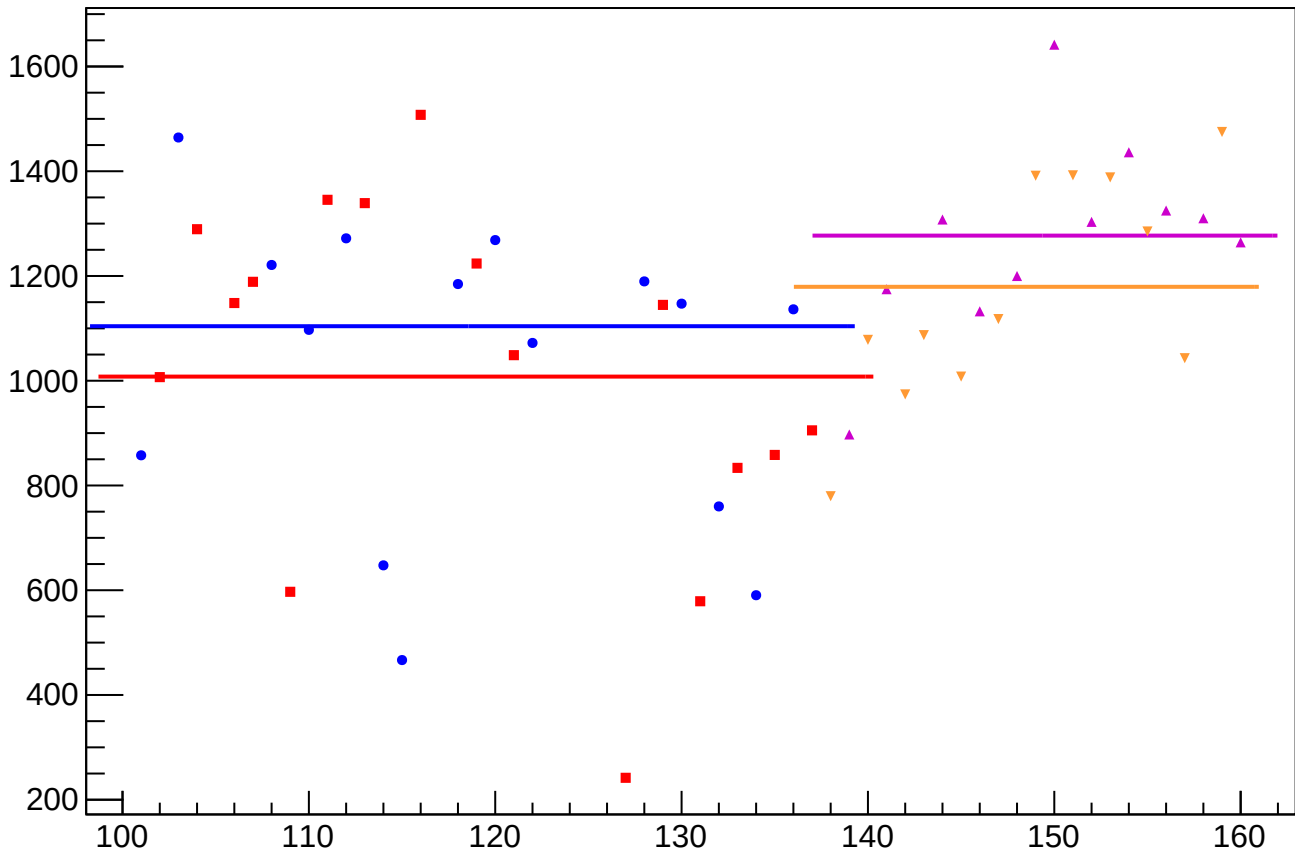
Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

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

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

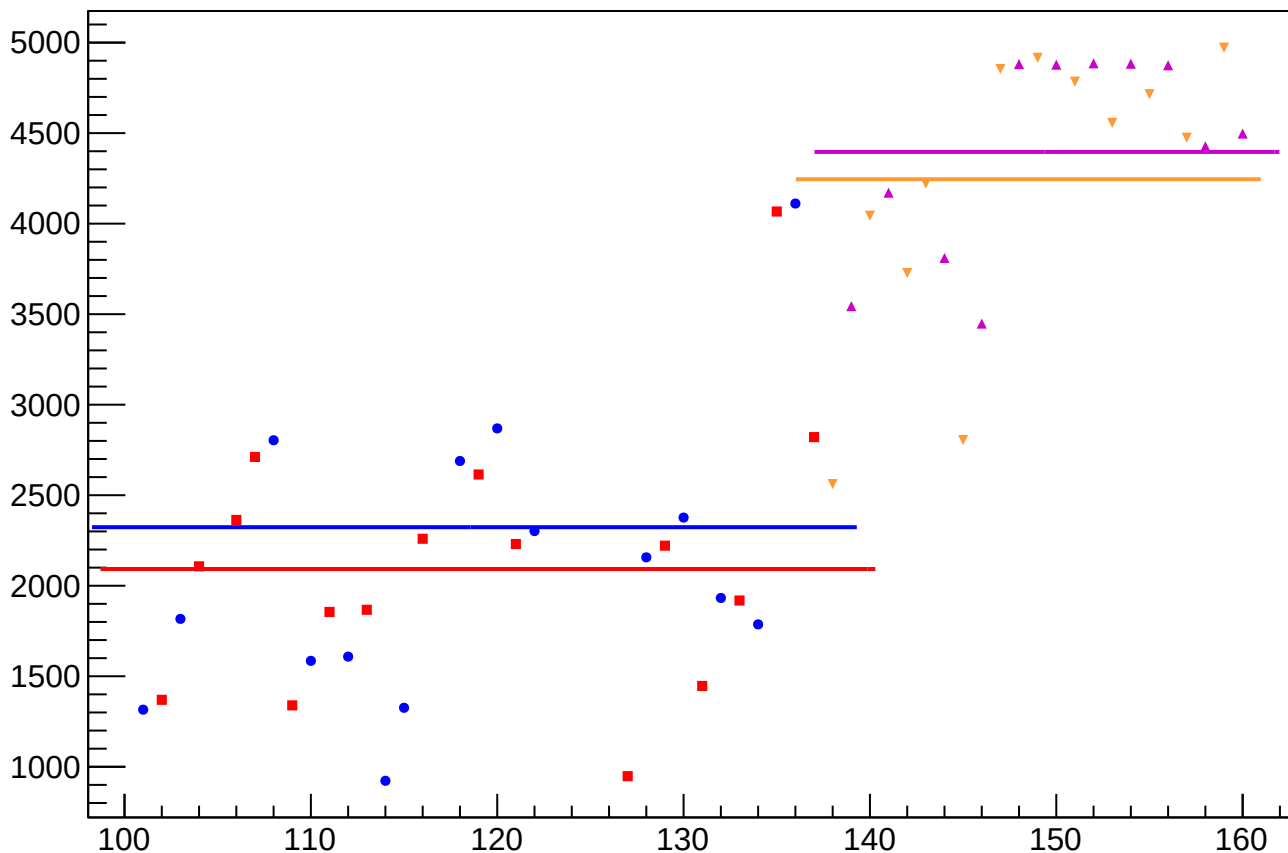
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

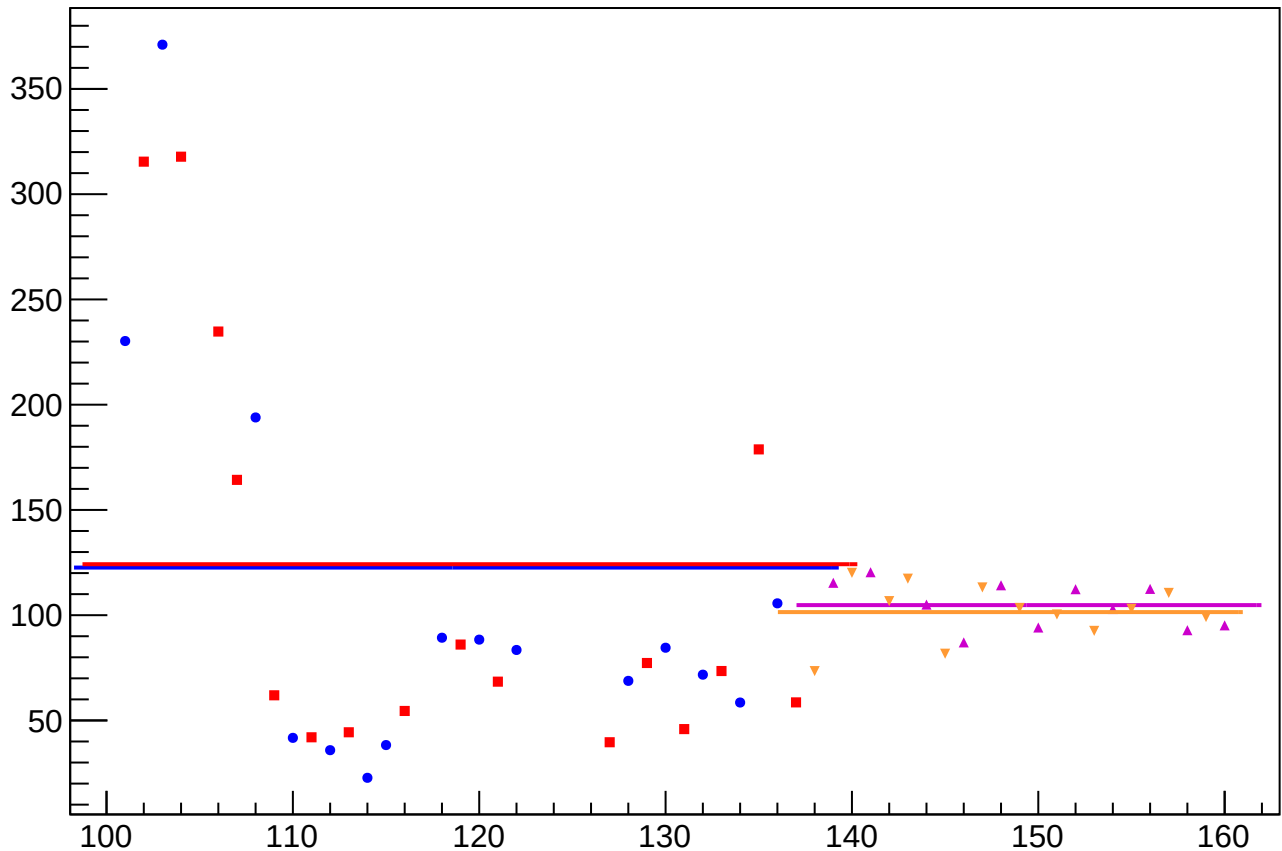
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



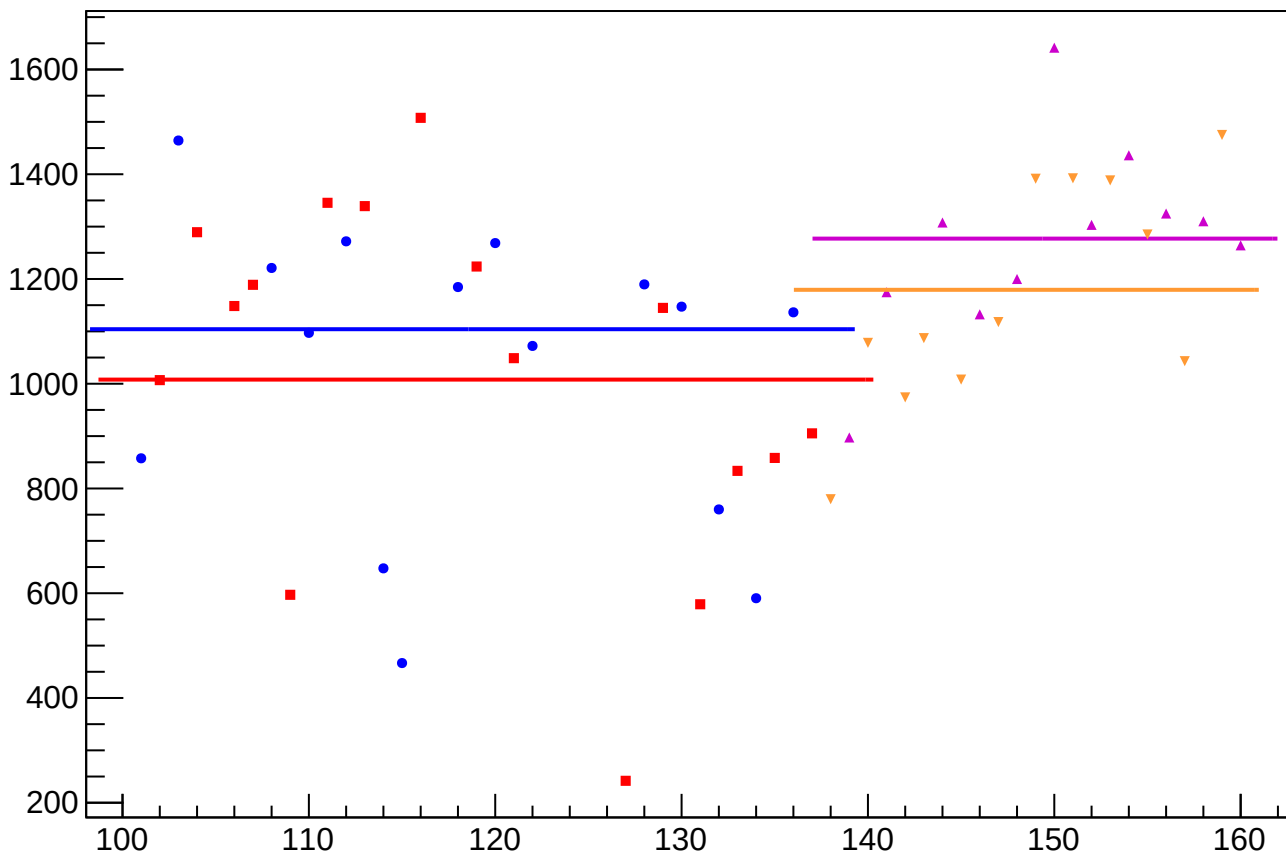
Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- 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 $\pm$ 0.000 χ^2 /NDF: 5937504661187691145903235842749497344.0/14
 Left Out: 101.470 $\pm$ 0.000 χ^2 /NDF: 163606586609215515174601139620413440.0/11
 Right Out: 124.216 $\pm$ 0.000 χ^2 /NDF: 6549627589629012958791202941129719808.0/15
 Left In: 104.786 $\pm$ 0.000 χ^2 /NDF: 102013785381333837493435451846950912.0/10

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

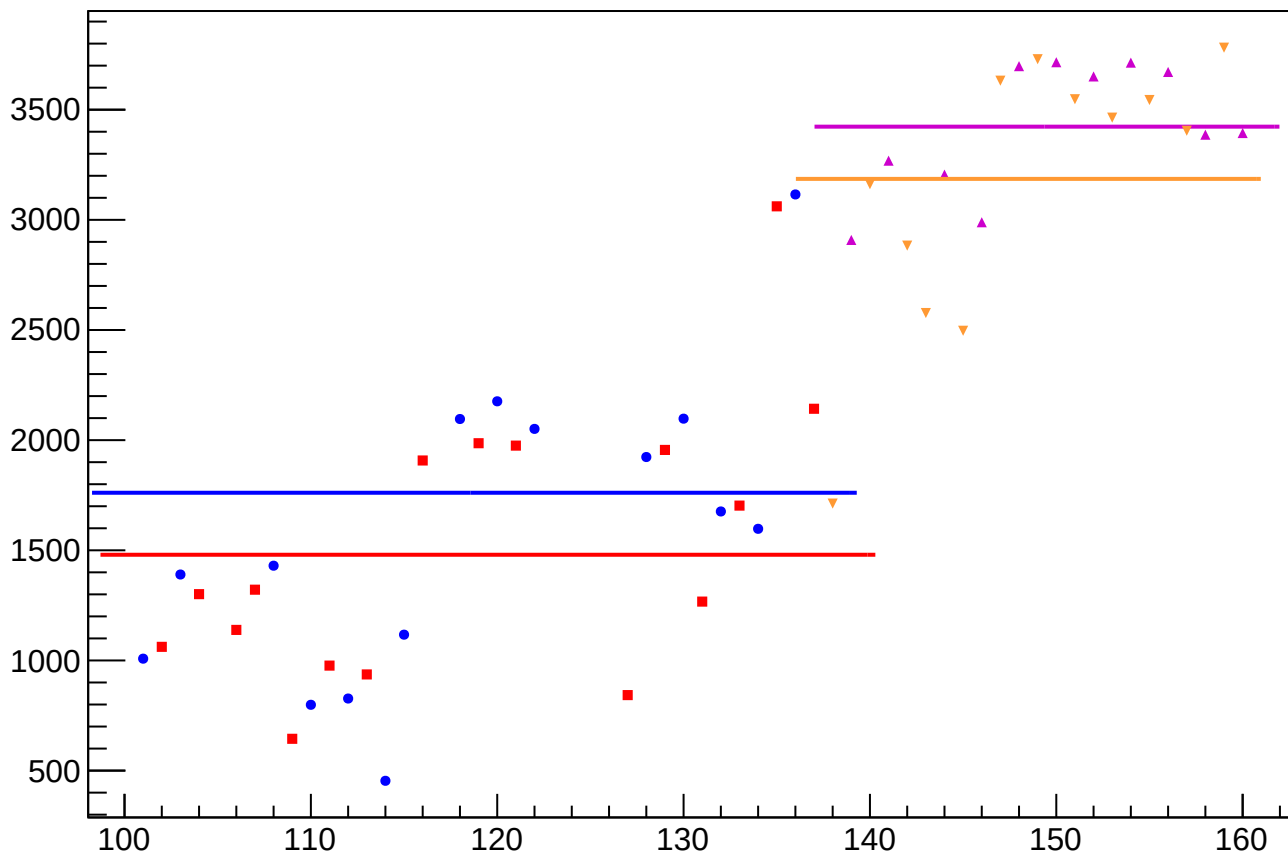
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam8_coil3_mean vs Slug



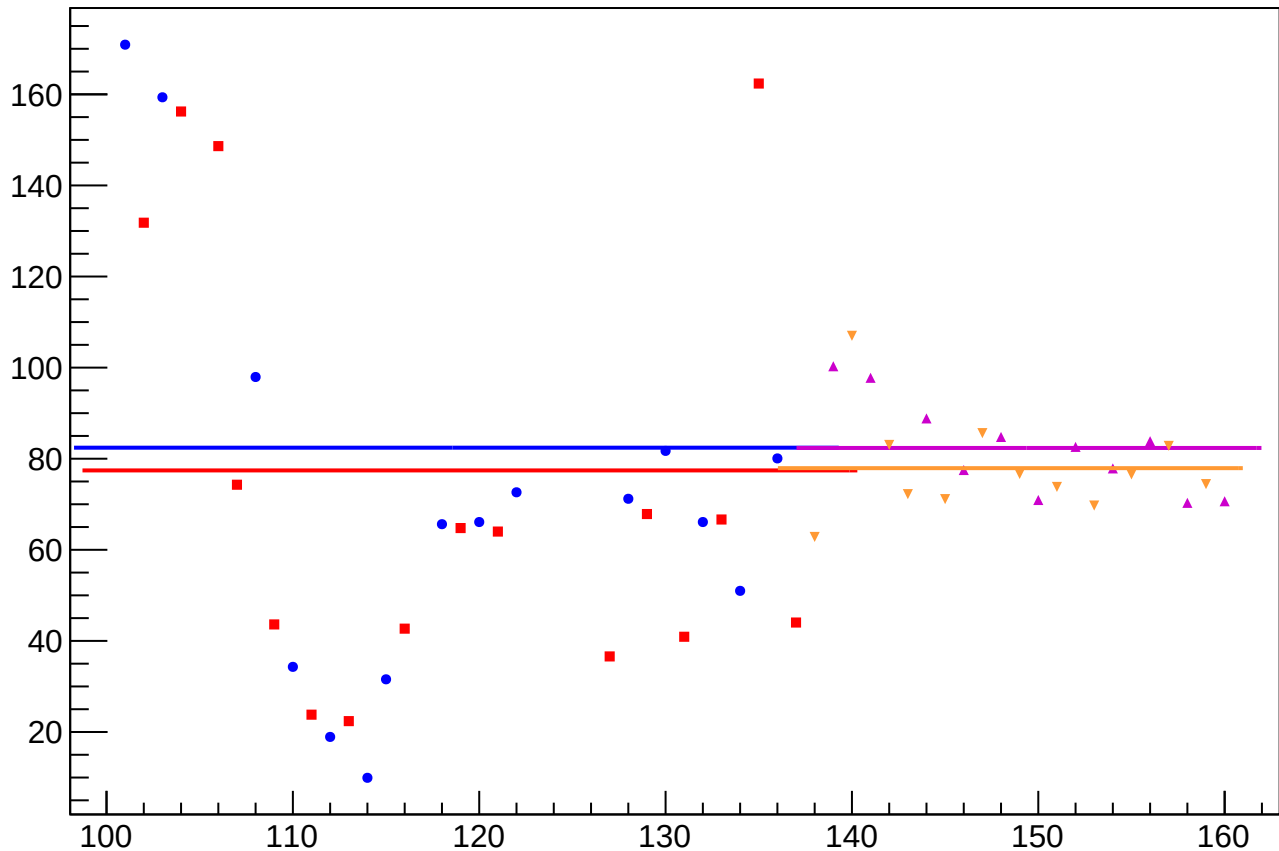
Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

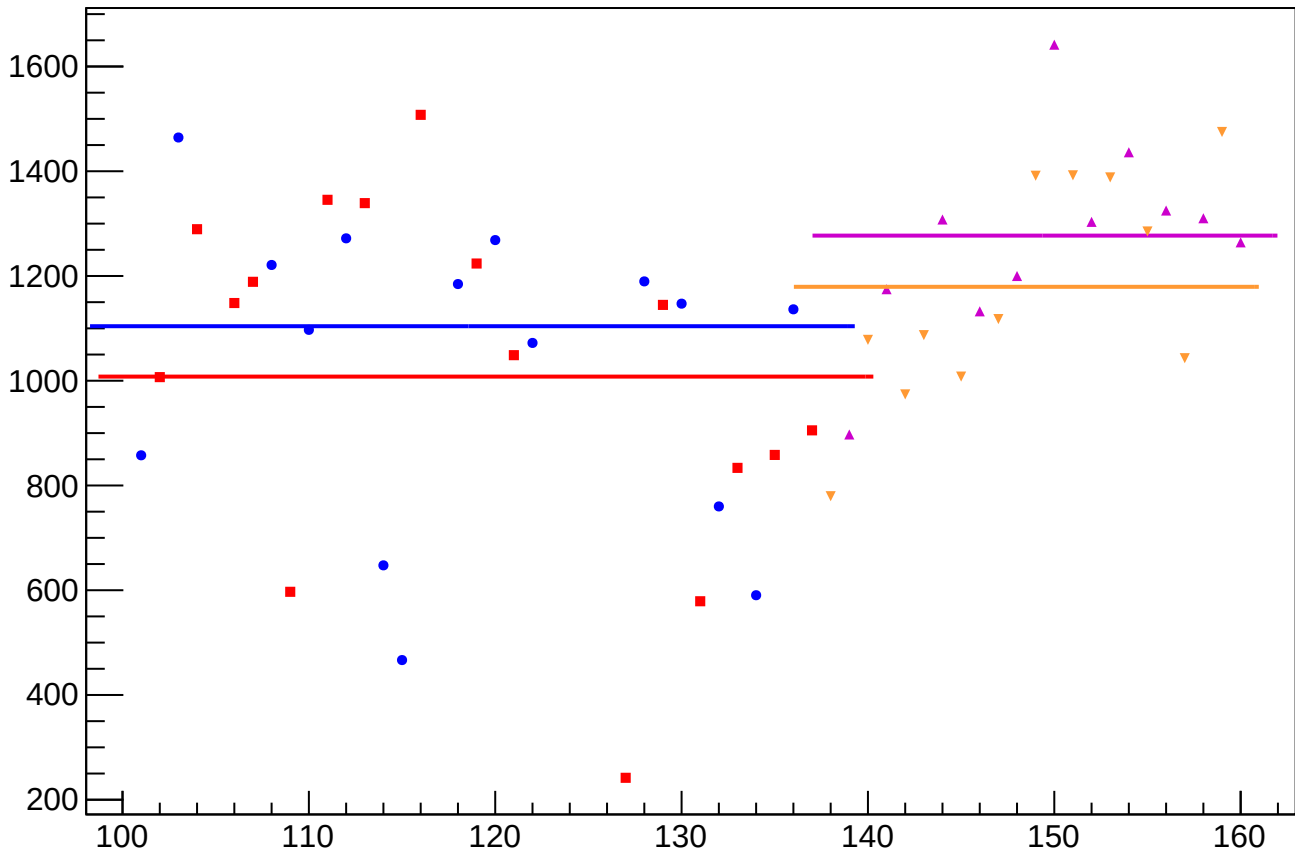
Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14
 Left Out: 77.927+/-0.000 χ^2/NDF : 108816585289567770159719515210907648.0/11
 Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15
 Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

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

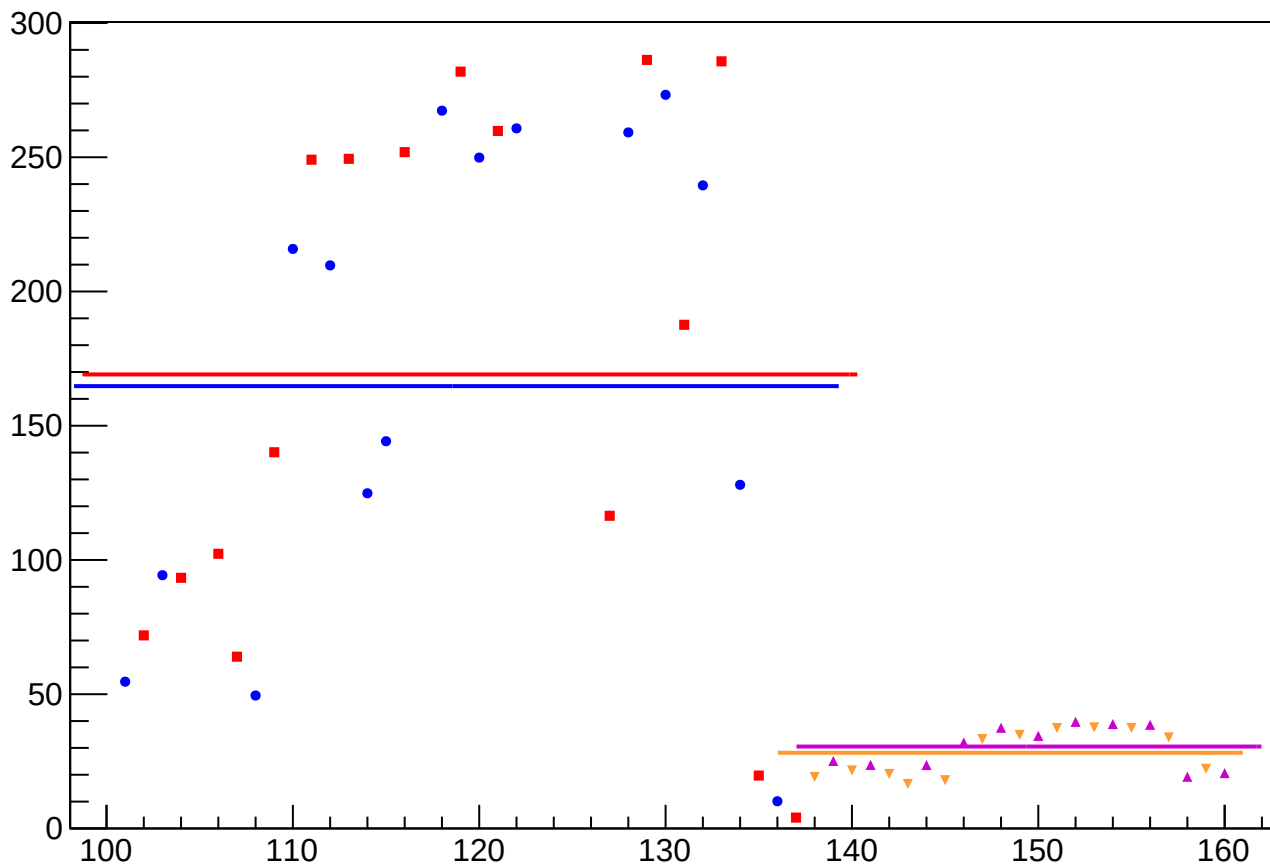
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

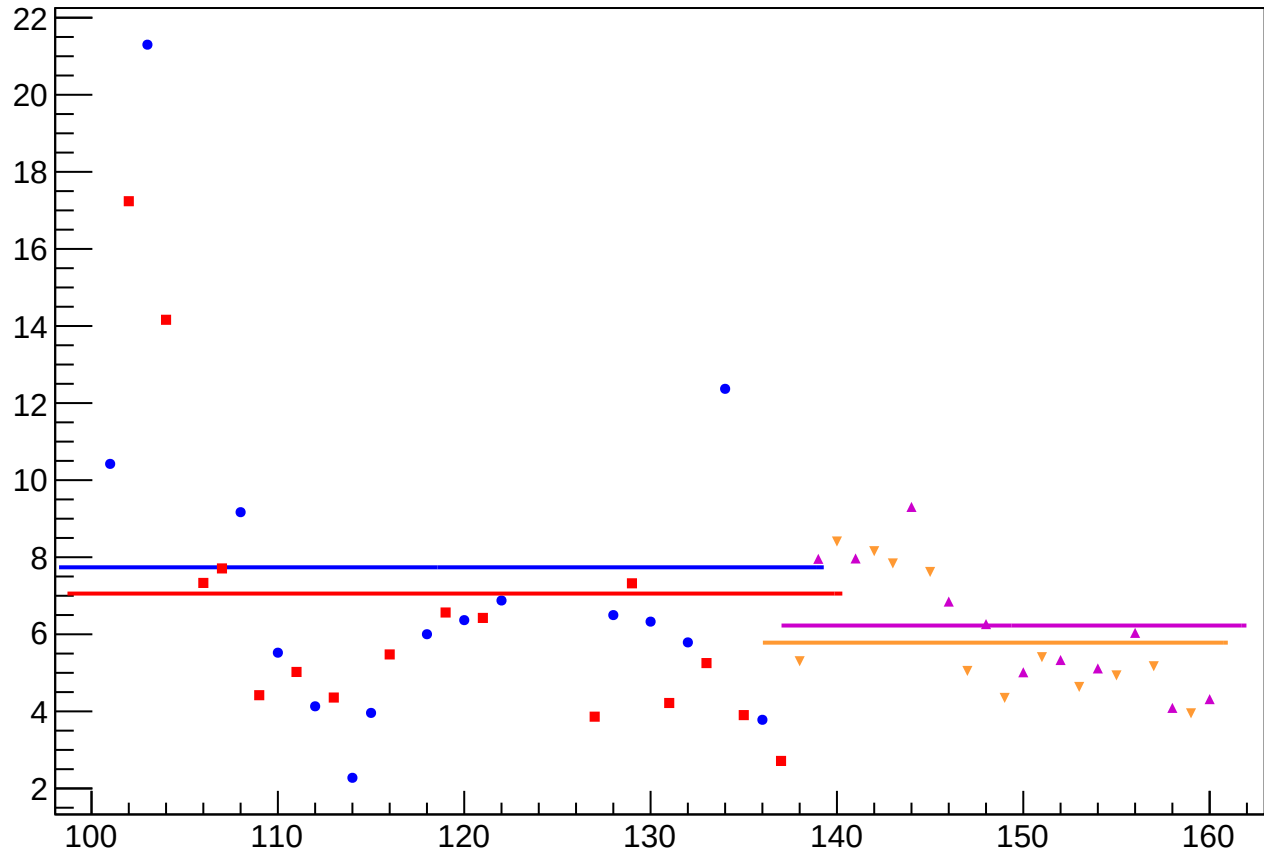
Left Out: 28.192+/-0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 30.507+/-0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

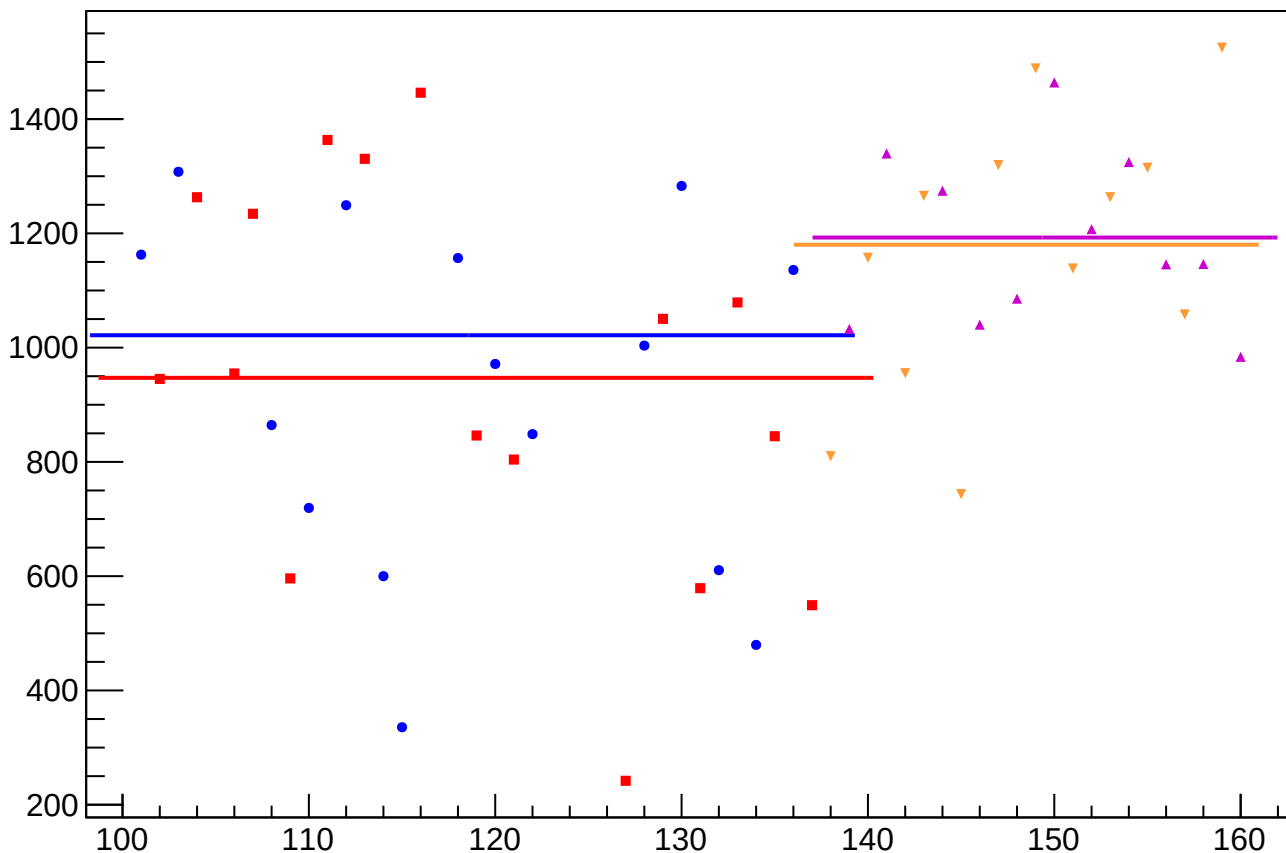
All: 86.771+/-0.000 χ^2/NDF : 2705497277682

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

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

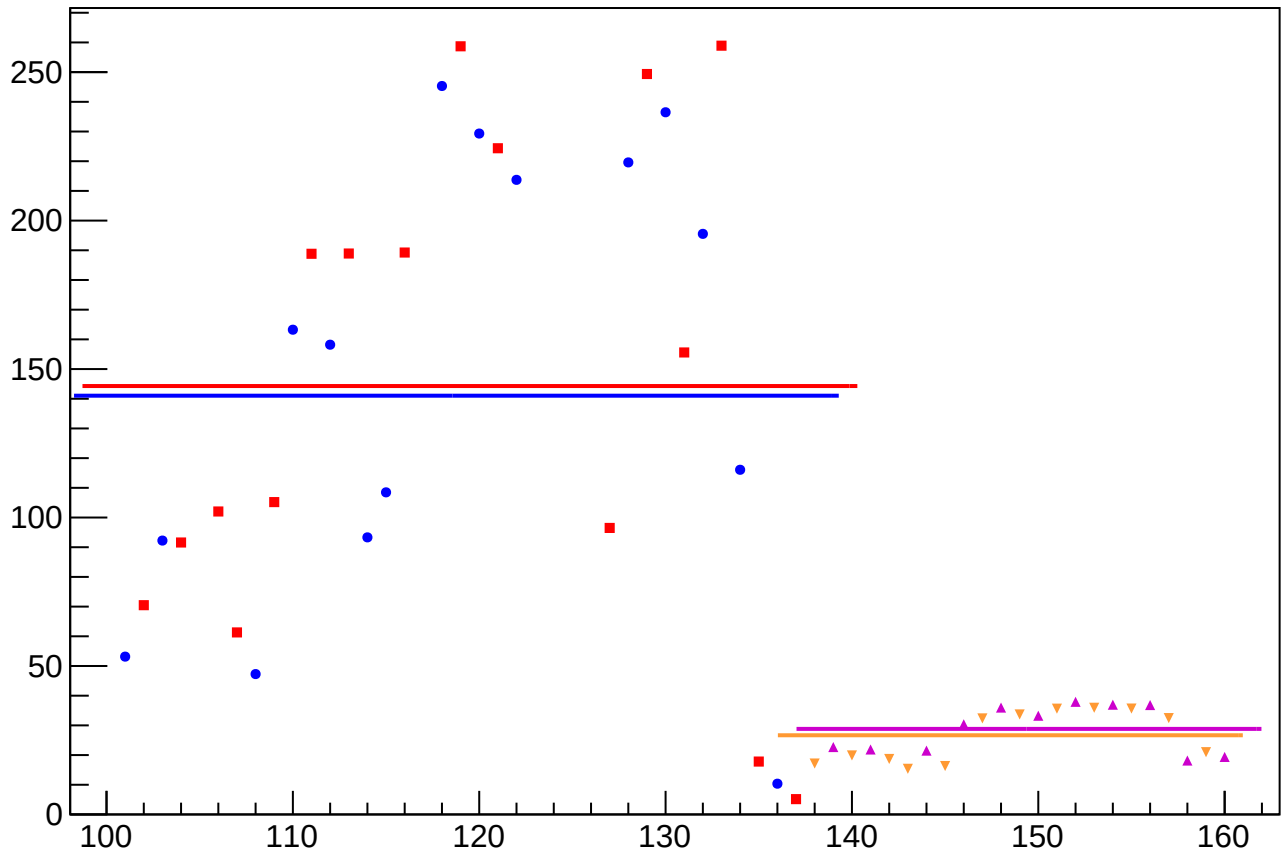
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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 $\pm$ 0.000 χ^2 /NDF: 4507992585512923332587415612245934080.0/14

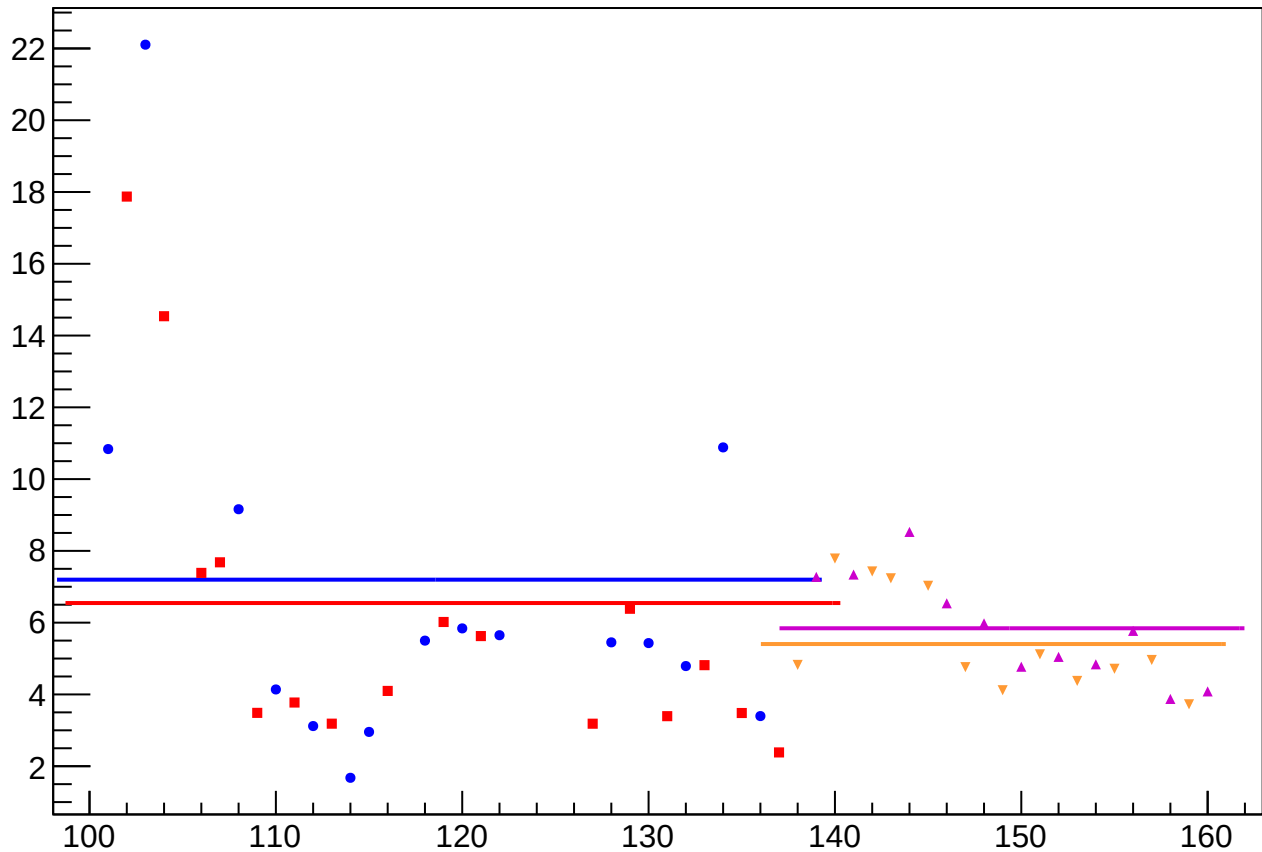
Left Out: 26.669 $\pm$ 0.000 χ^2 /NDF: 62522343114115856238629096966324224.0/11

Right Out: 144.283 $\pm$ 0.000 χ^2 /NDF: 4268333571517740886065361663928827904.0/15

Left In: 28.817 $\pm$ 0.000 χ^2 /NDF: 52309797532132393990553277307027456.0/10

All: 75.703 $\pm$ 0.000 χ^2 /NDF: 1902686413208

dit_4eX_coil7_err_mean vs Slug



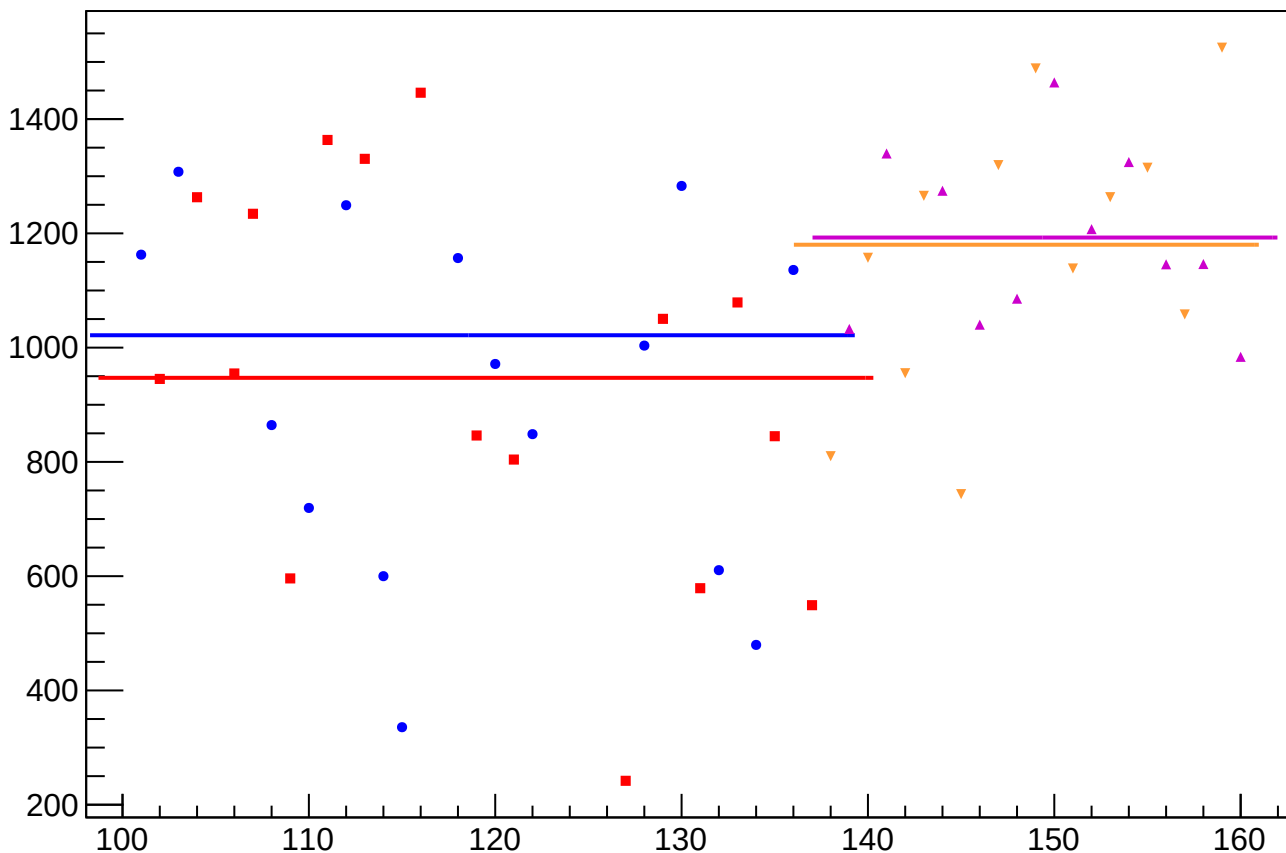
Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

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

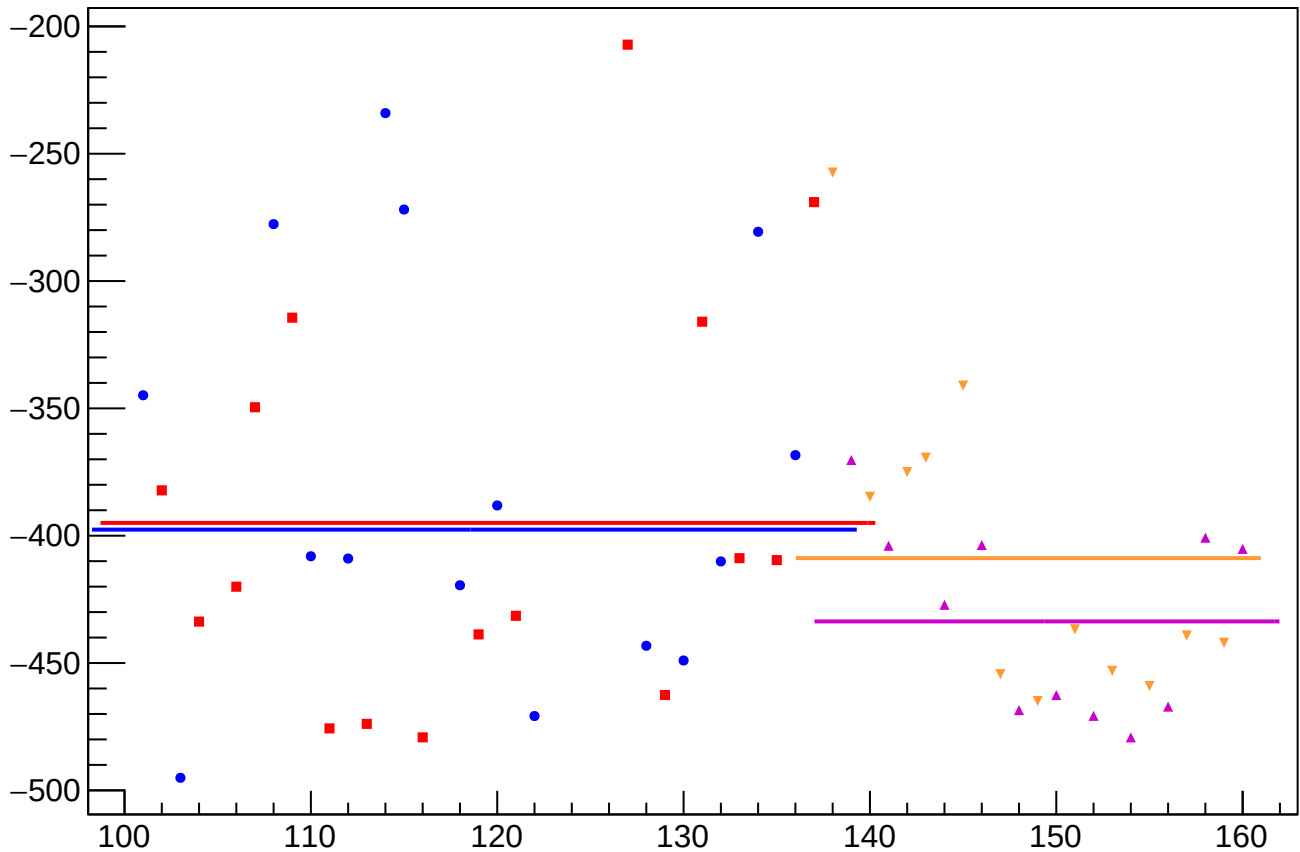
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

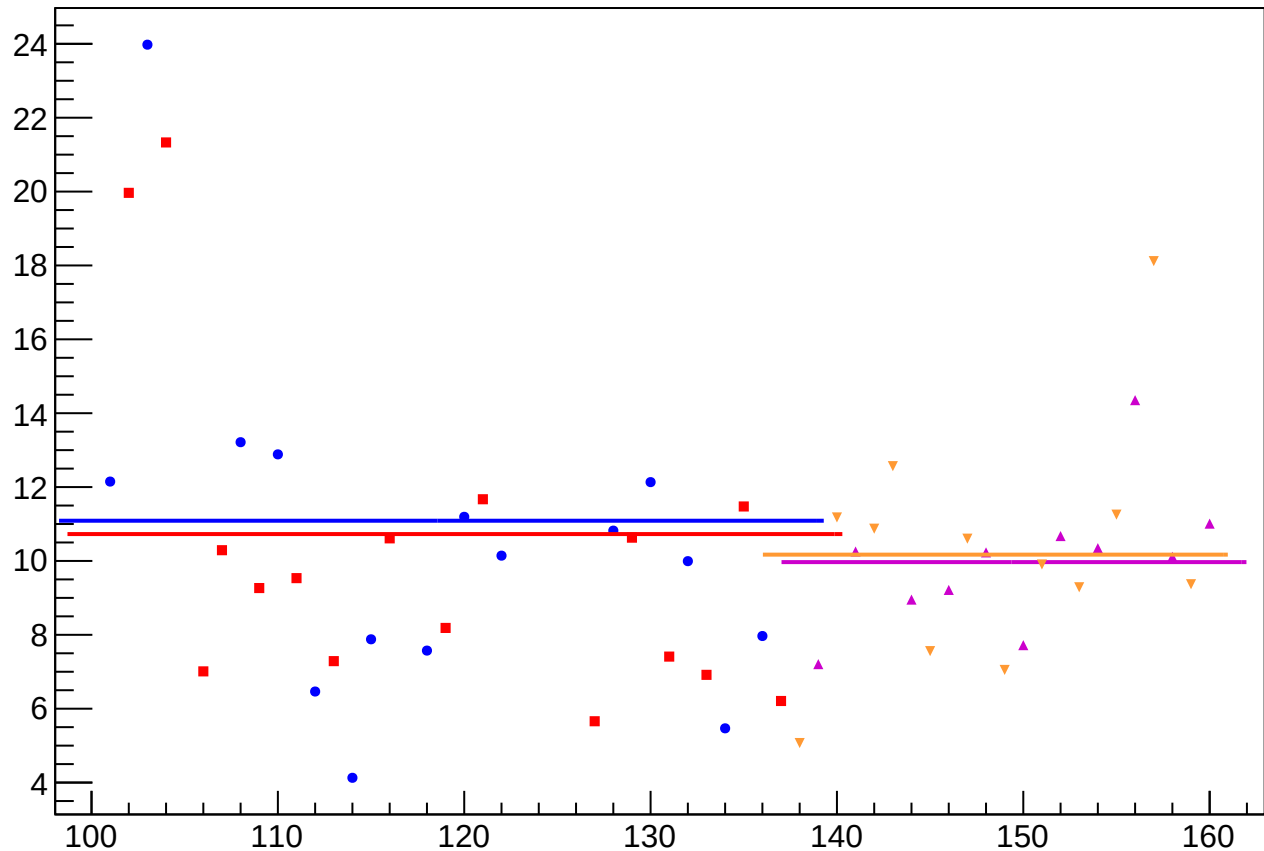
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

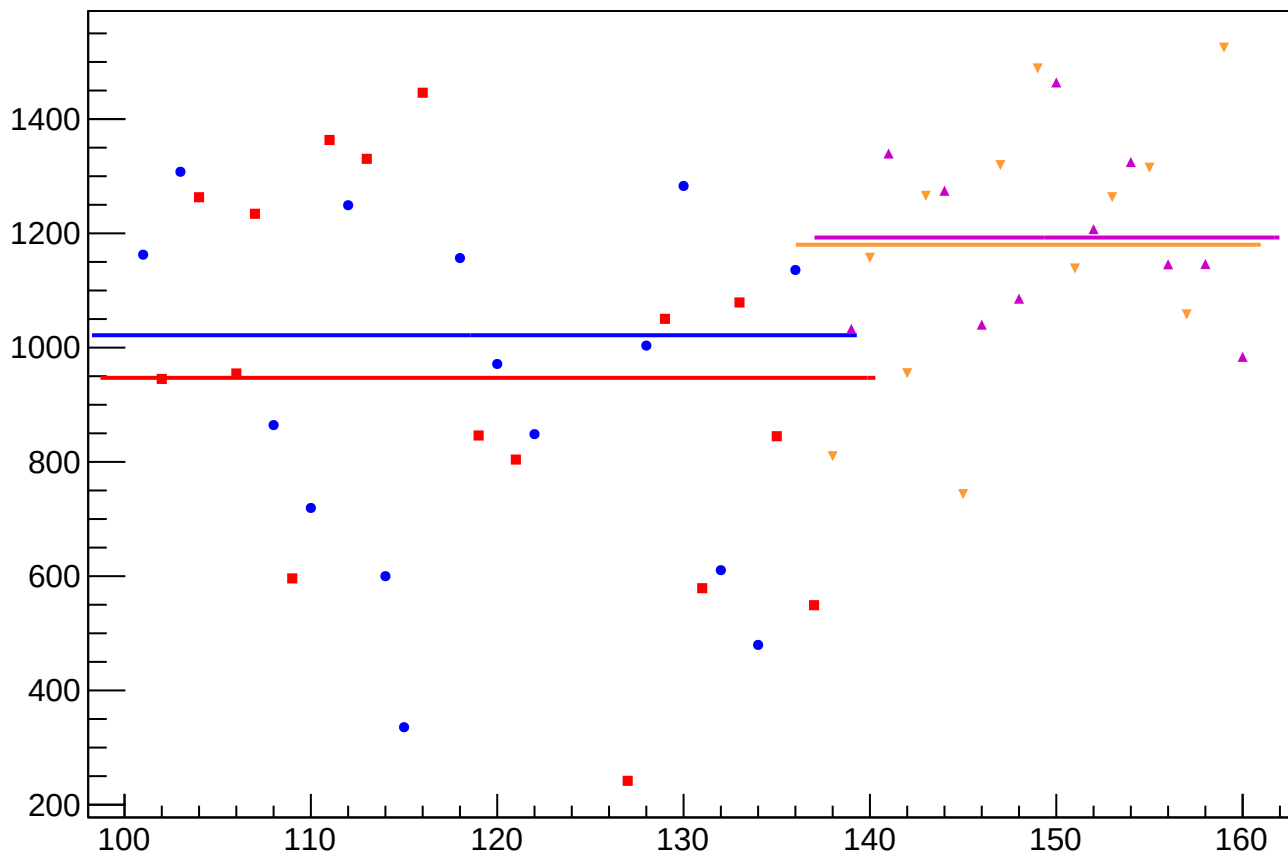
Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

All: 10.418 $\pm$ 0.000 χ^2 /NDF: 4159719349794

+ sign 10.552 $\pm$ 0.000 χ^2 /NDF: 2364557431902666

- 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

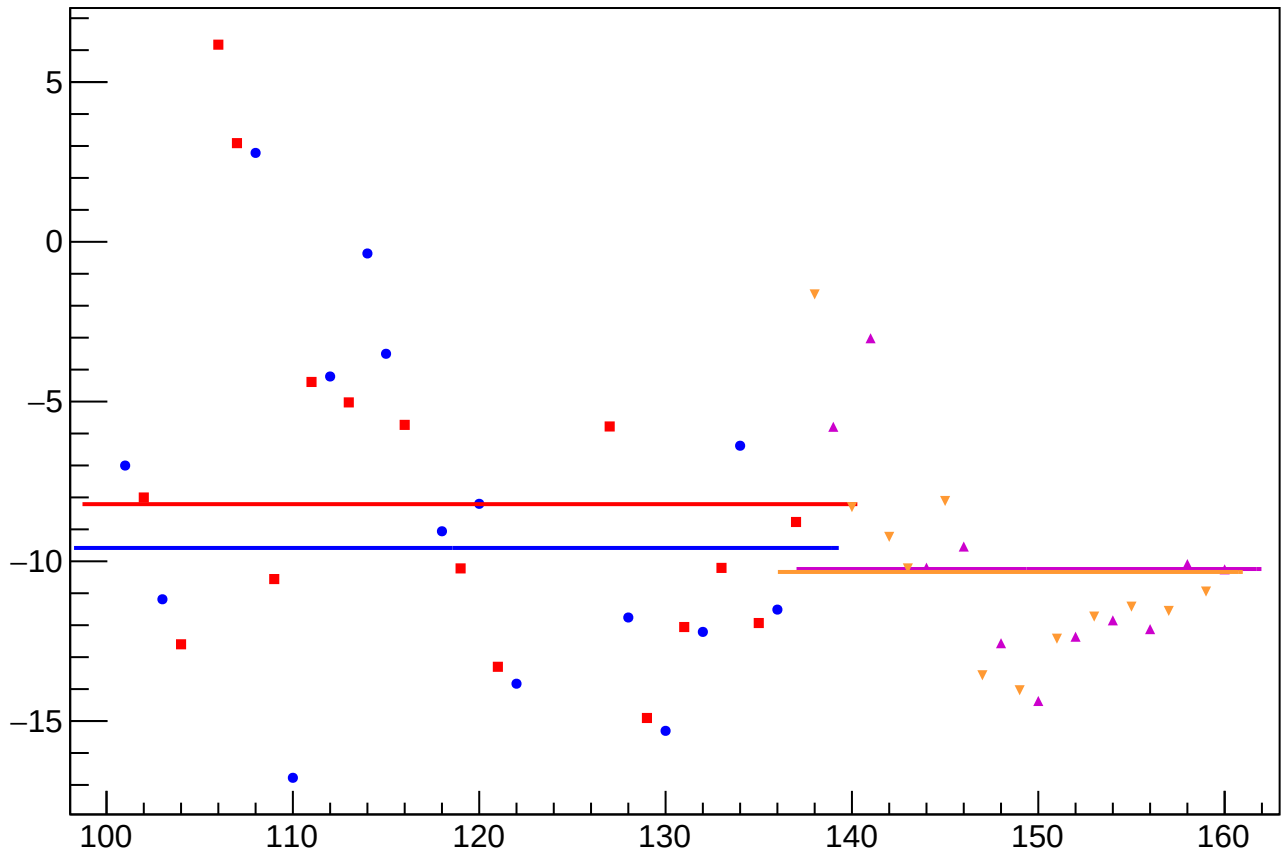
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

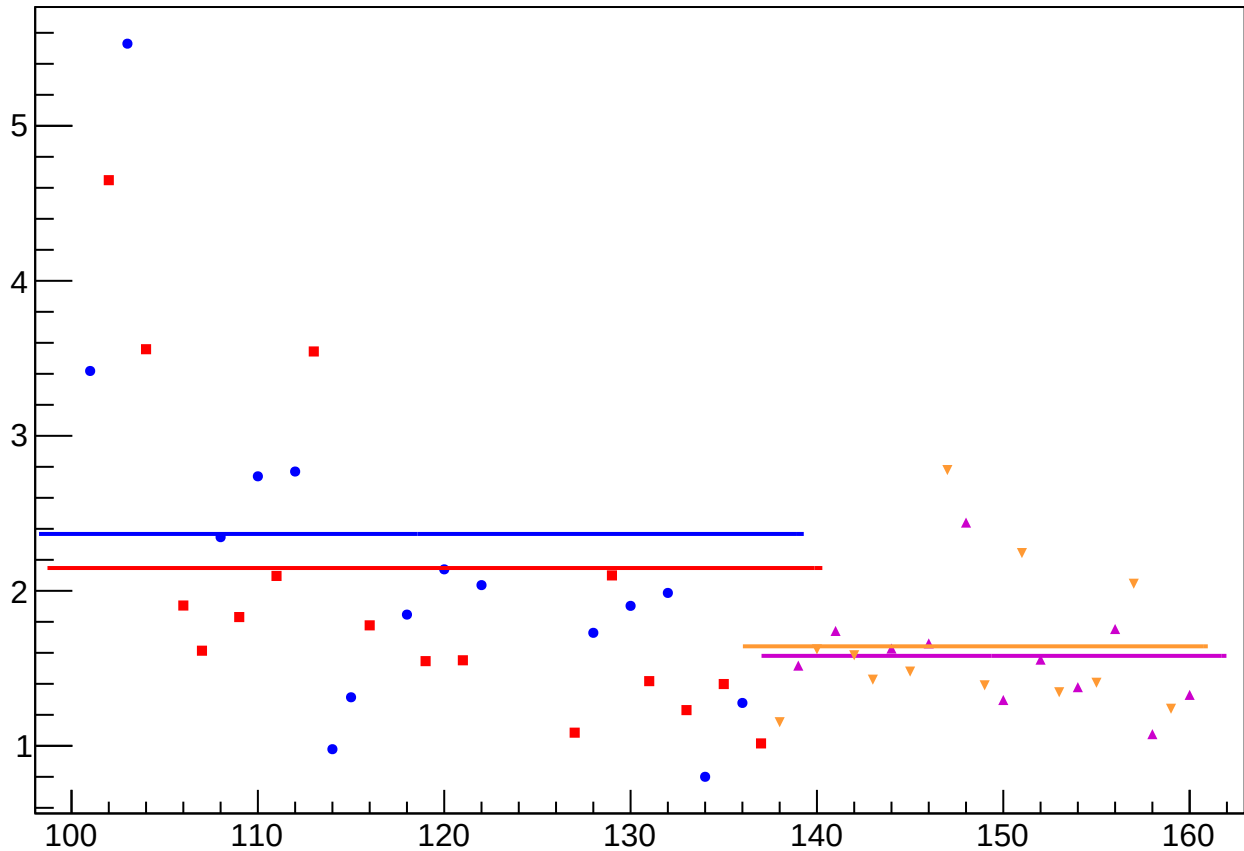
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aY_coil7_mean vs Slug



χ^2/NDF : 14702679983940002820806471963377664.0/14
 χ^2/NDF : 9377692425026365375047041474887680.0/11
 χ^2/NDF : 18304237293835961465605754204454912.0/15
 χ^2/NDF : 8992829088408430483485977772818432.0/10
 All: -9.703 ± 0.000 χ^2/NDF : 5350258312452
 + sign -10.022 ± 0.000 χ^2/NDF : 242946352397110
 - sign -9.390 ± 0.000 χ^2/NDF : 28893819596025267

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

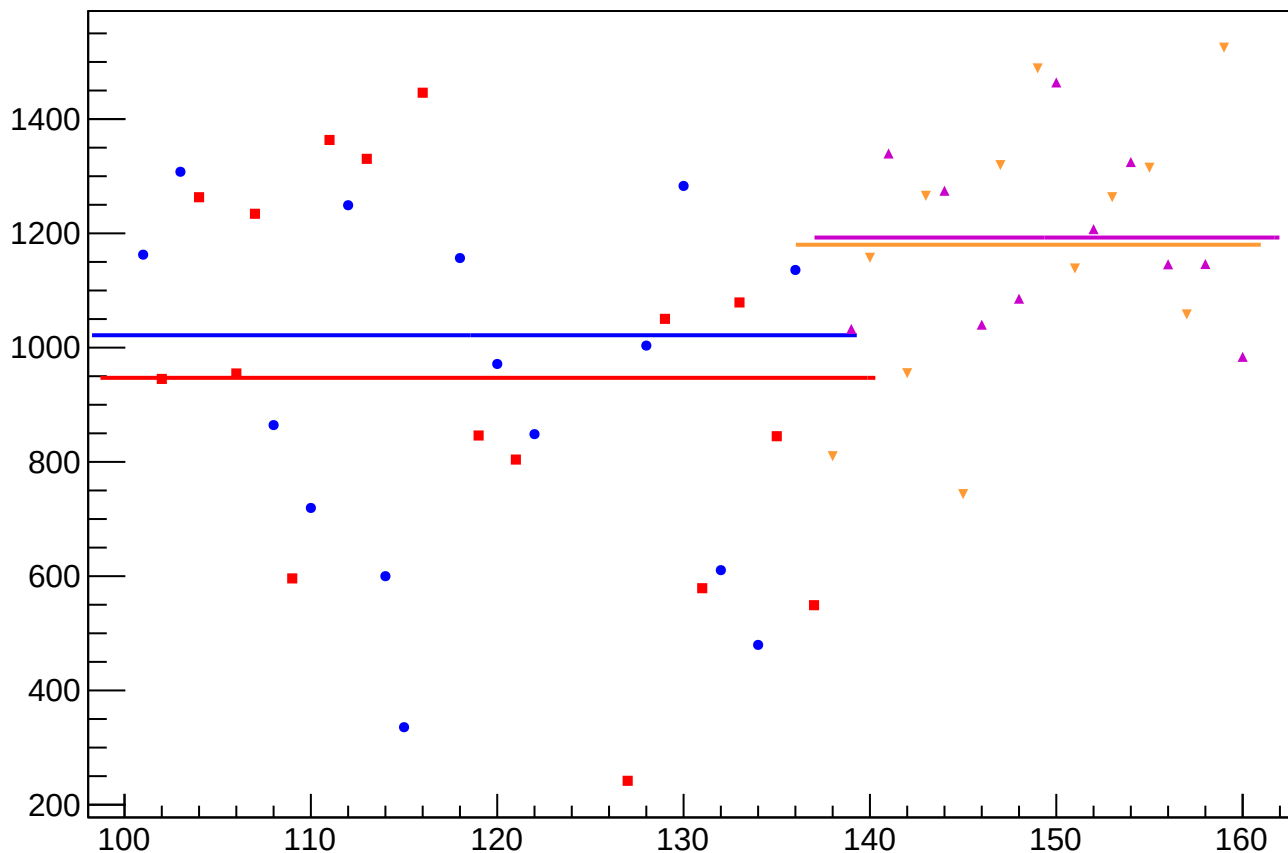
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ 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

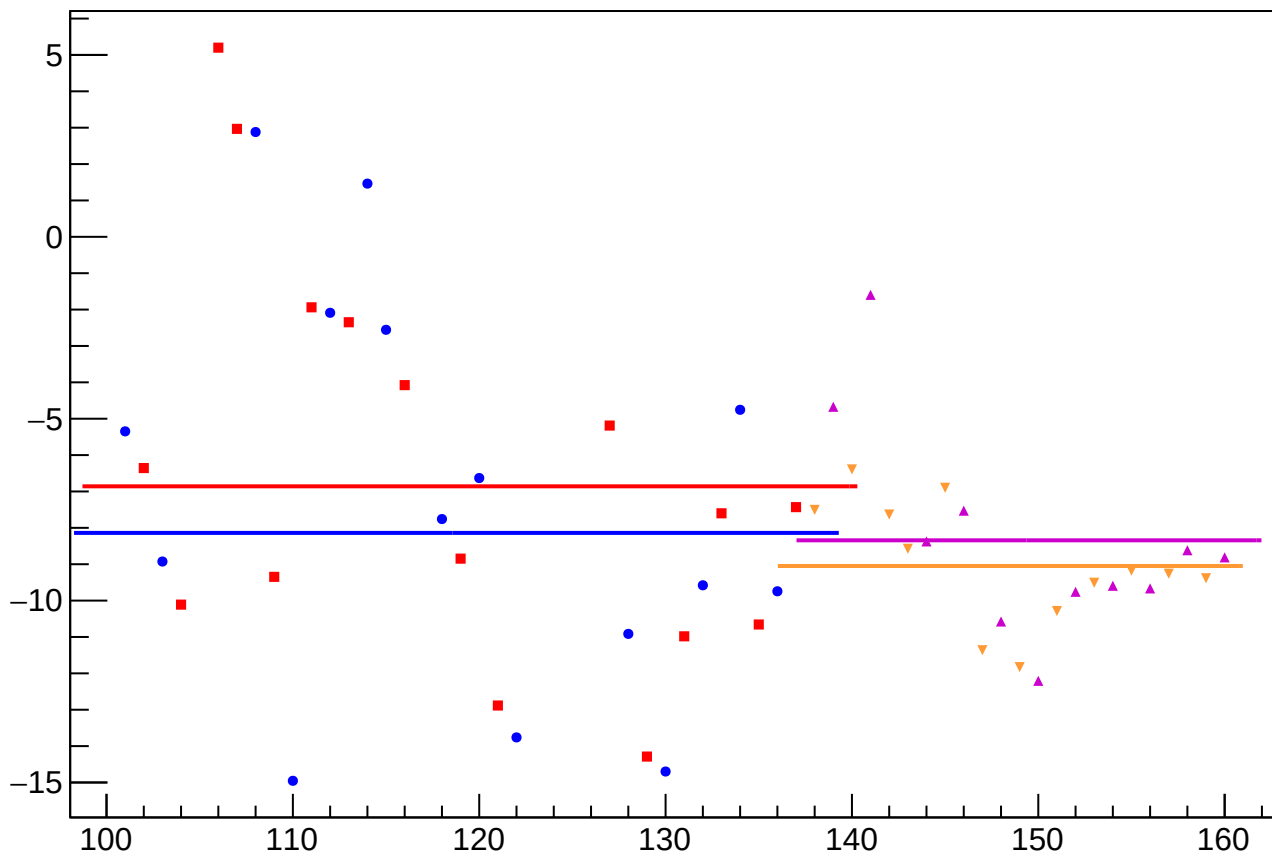
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

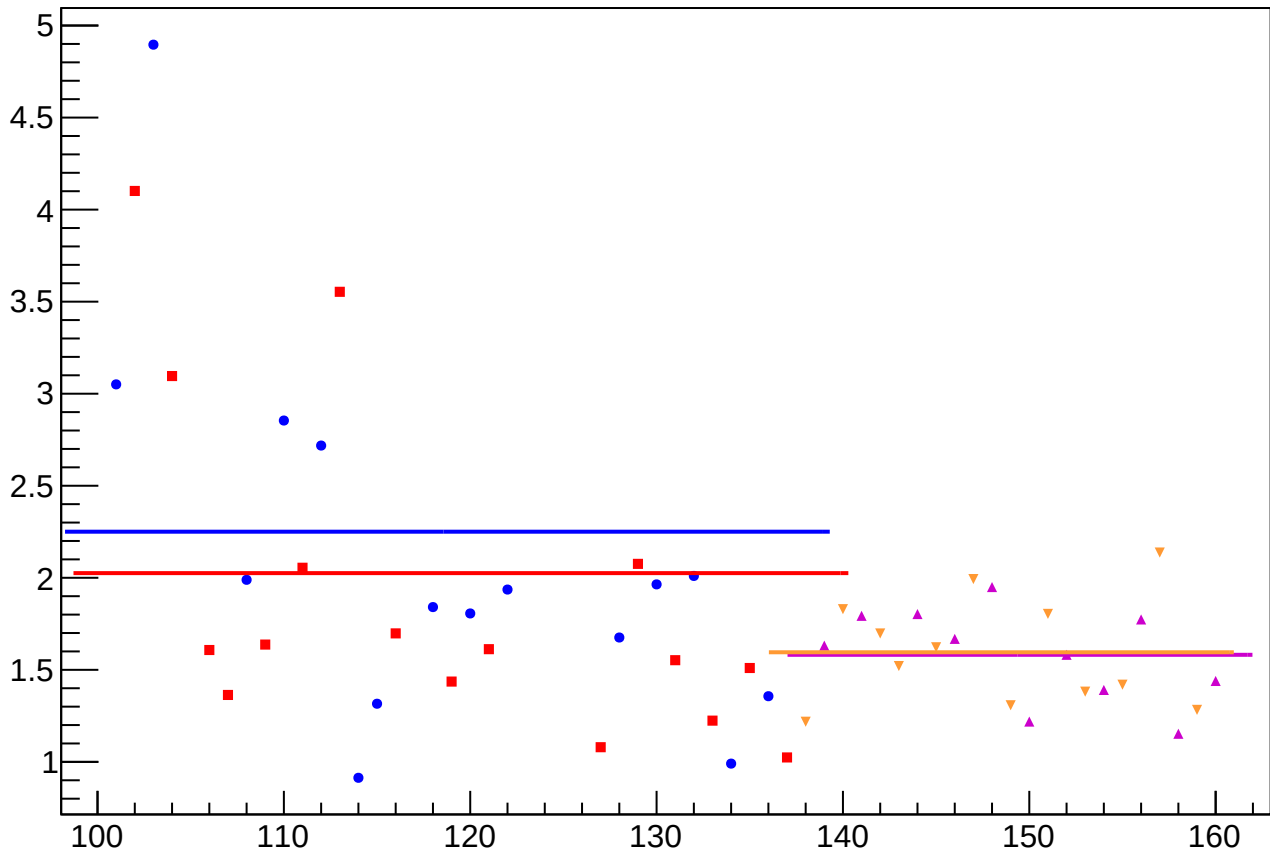
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.671 ± 0.000 χ^2/NDF : 1743954297052969

All: -8.191 ± 0.000 χ^2/NDF : 4275682258895

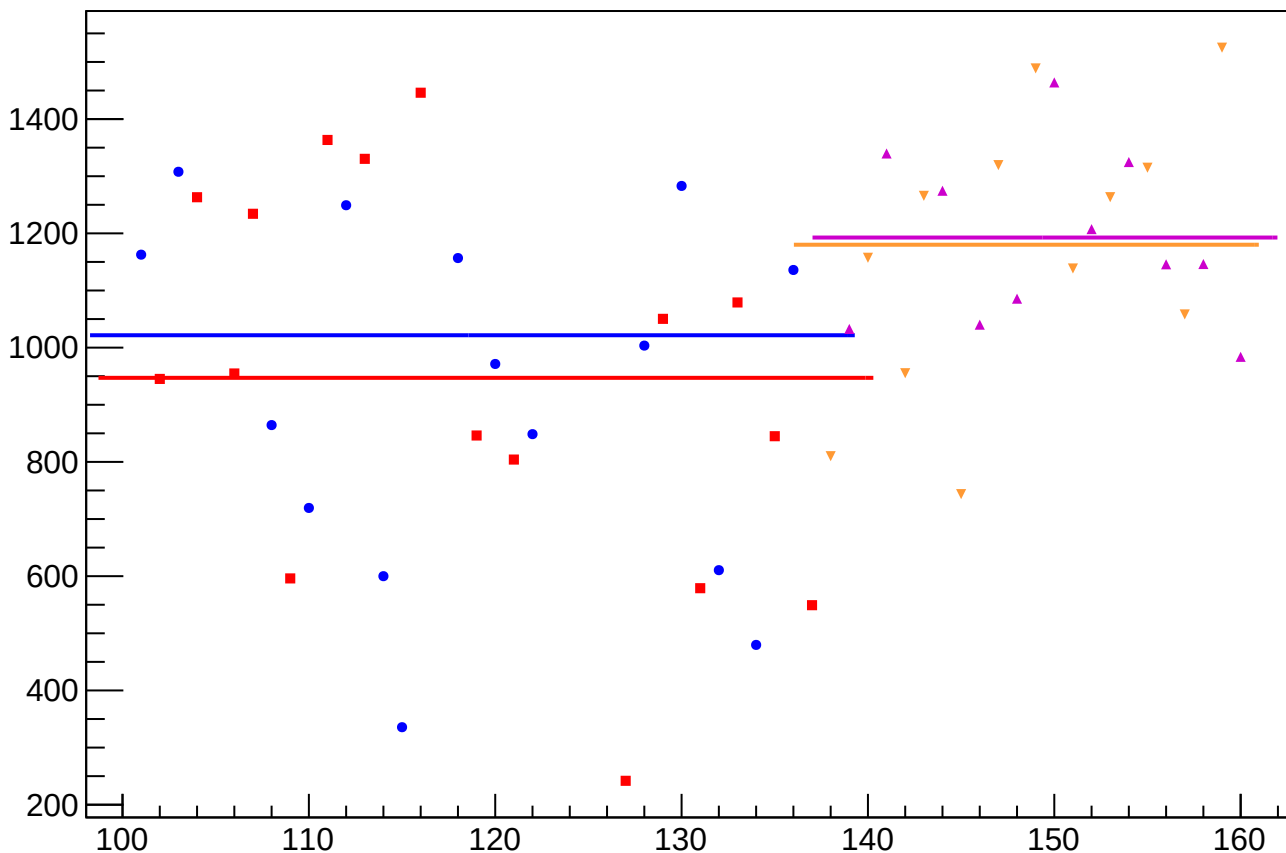
- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

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

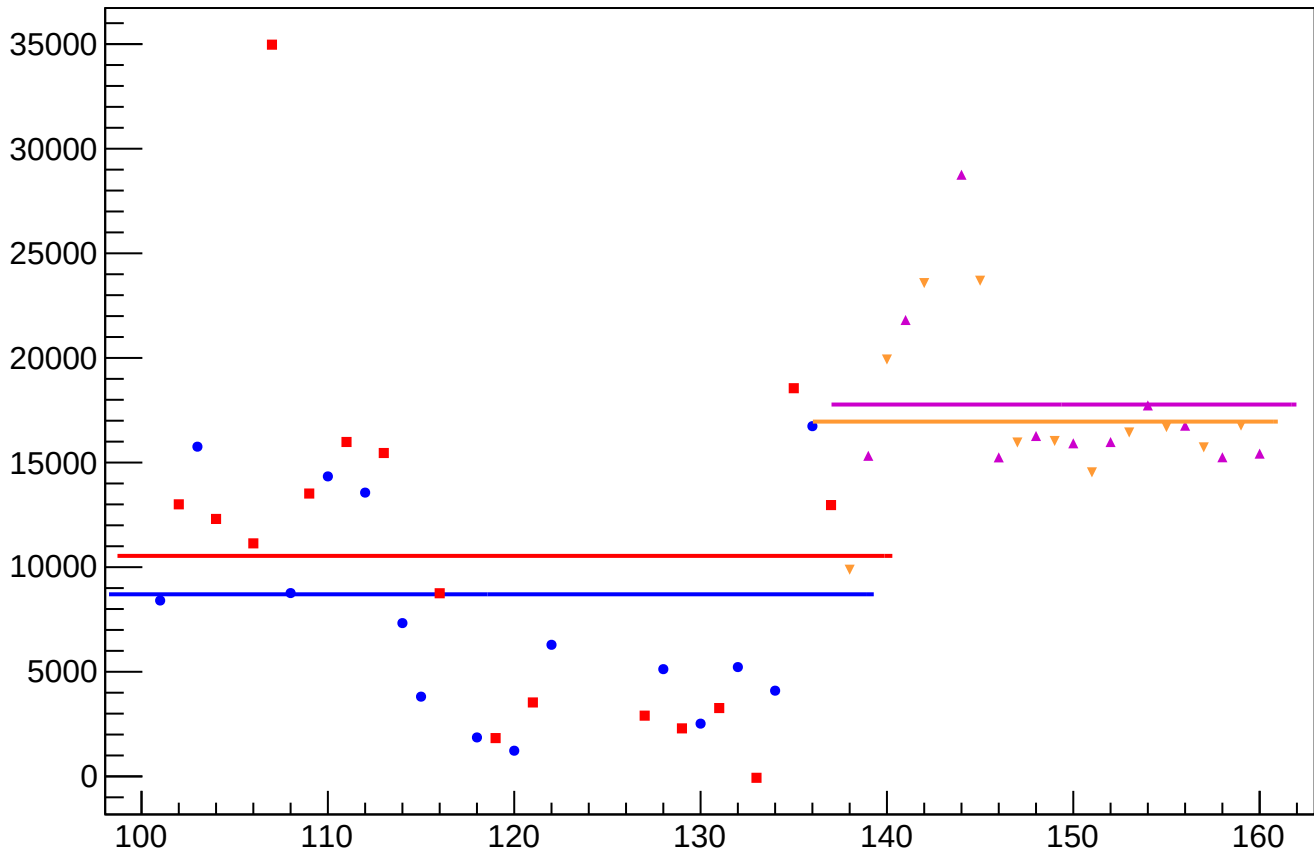
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

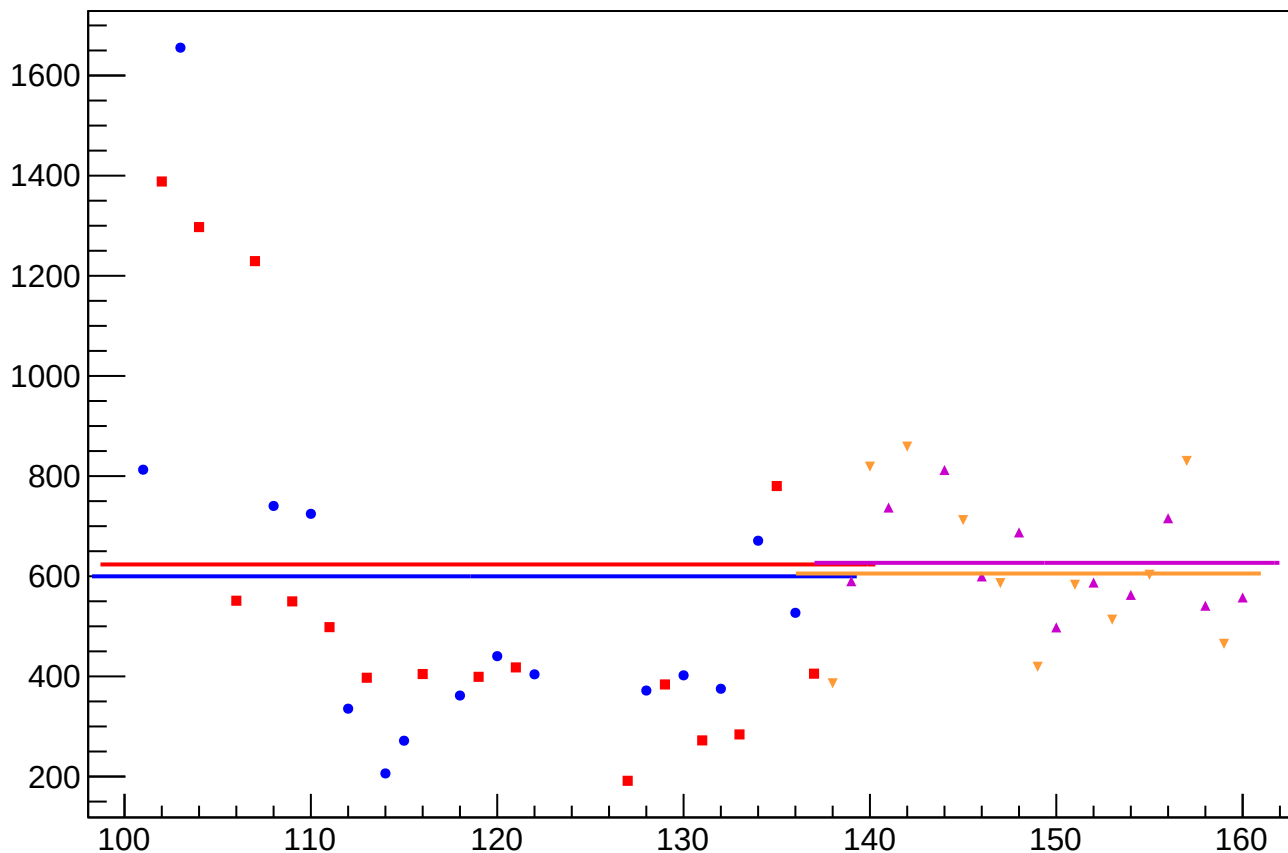
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 605.454+/-0.000 χ^2/NDF : 20600036696576889686488913862706855936.0/10

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

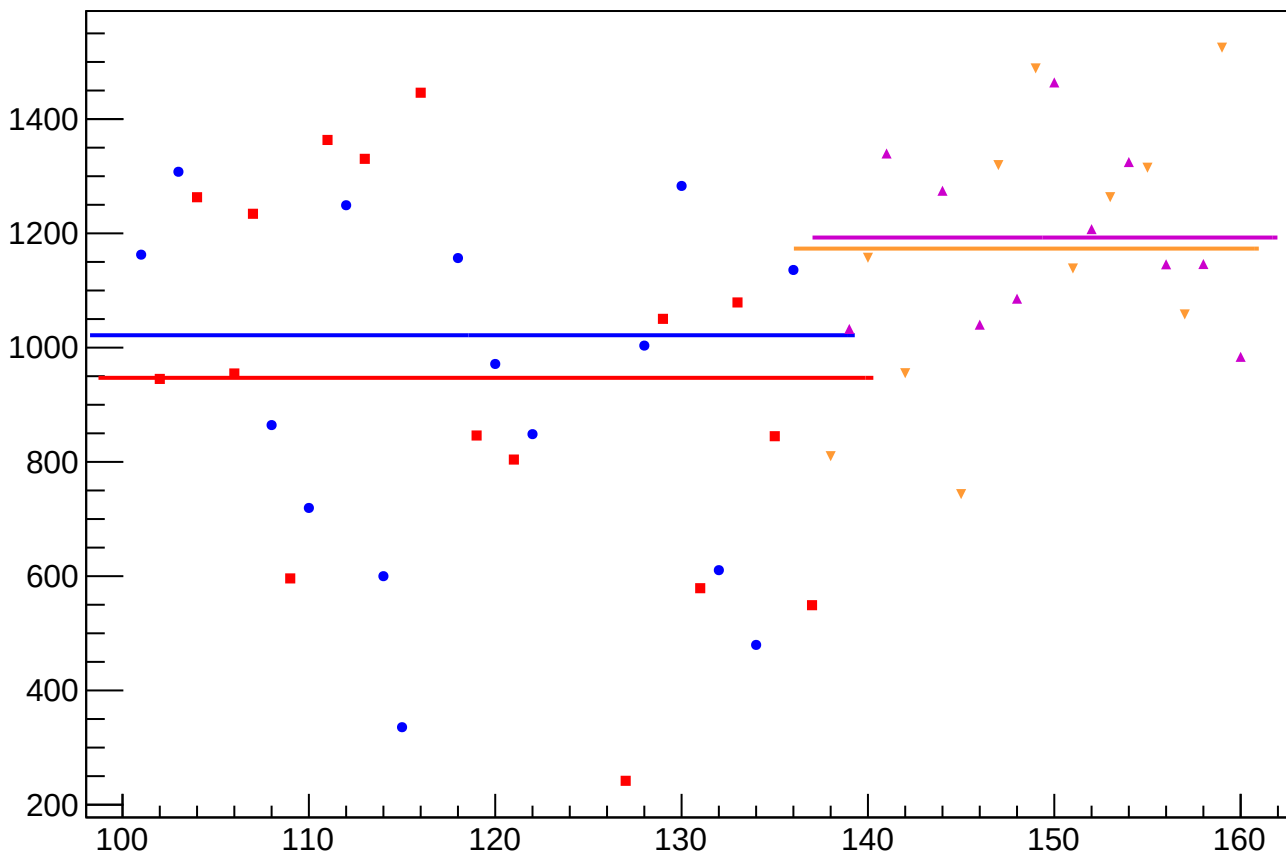
Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

All: 614.575+/-0.000 χ^2/NDF : 219881740645

+ sign 603.023+/-0.000 χ^2/NDF : 109870540550335

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1173.334+/-0.000 χ^2/NDF : 50259225692125439679244442751924699136.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

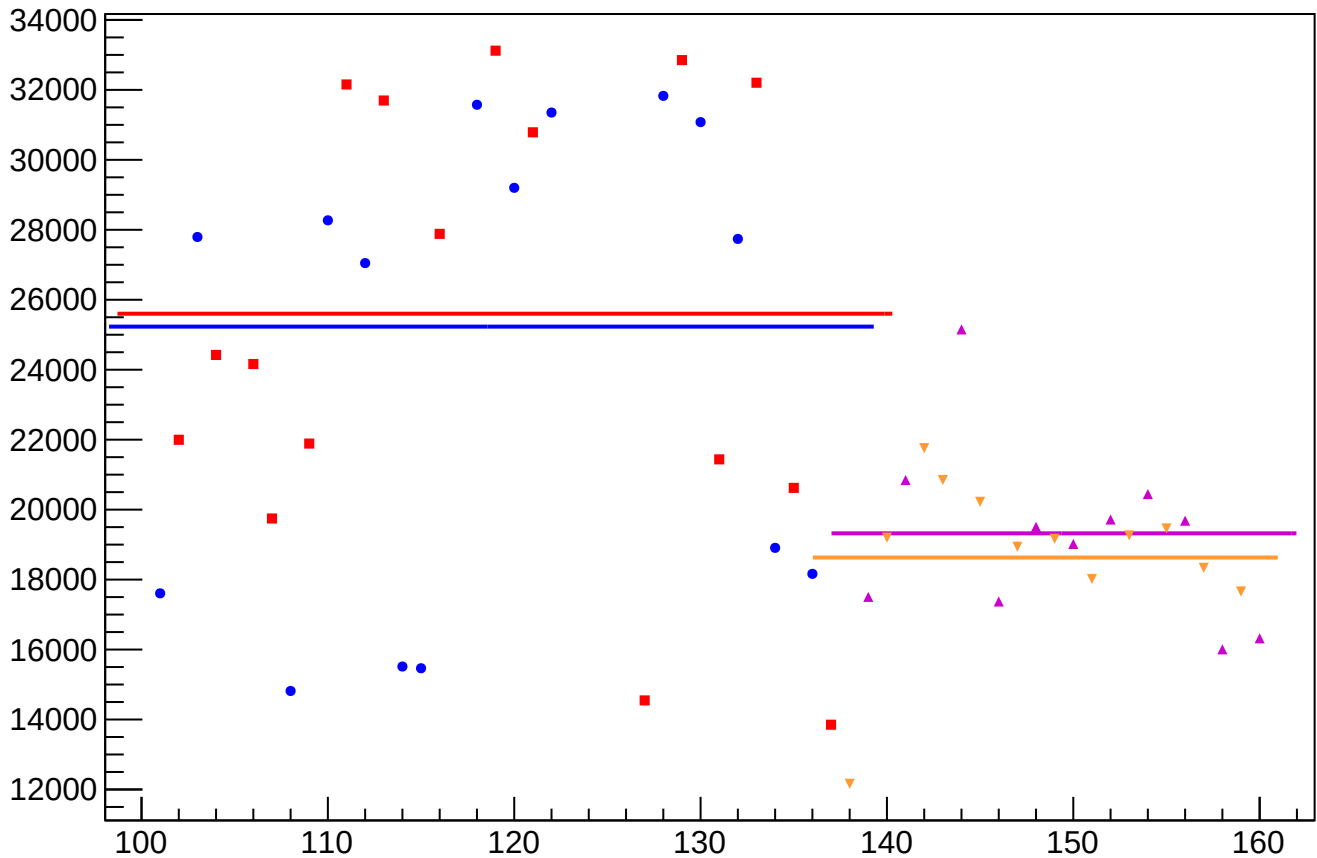
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1107.545+/-0.000 χ^2/NDF : 99202805471874

All: 1098.373+/-0.000 χ^2/NDF : 20984187795

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

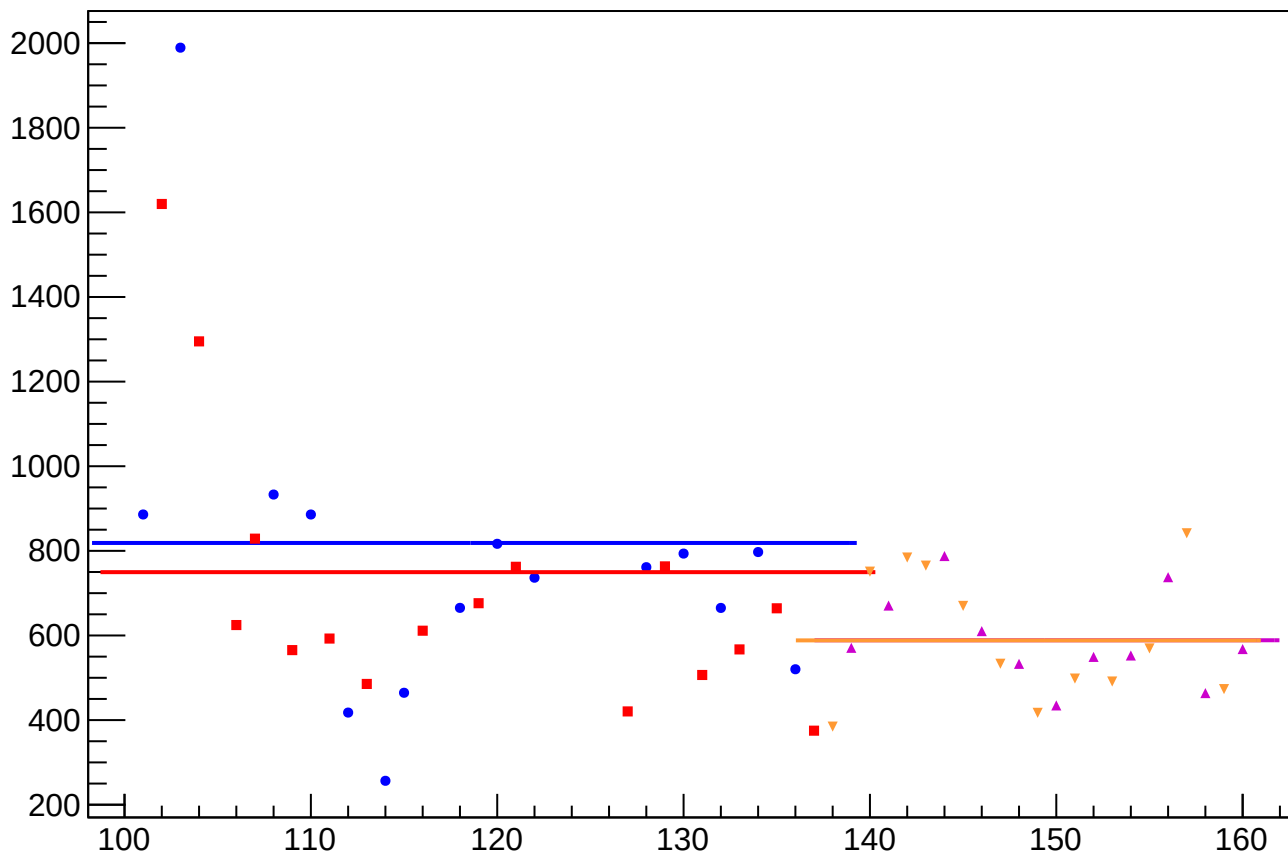
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18630.609+/-0.000	χ^2/NDF : 4499157177792733453337123782201790431232.0/11
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19322.974+/-0.000	χ^2/NDF : 5509841990831420617123513924011035721728.0/10

+ sign 21371.781+/-0.000 χ^2/NDF : 4557364101800
 All: 21666.026+/-0.000 χ^2/NDF : 9098110501
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

dit_usr_coil7_err_mean vs Slug



Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14

Left Out: 588.391 $\pm$ 0.000 χ^2 /NDF: 20060197377989114991296665666078113792.0/11

Right Out: 749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15

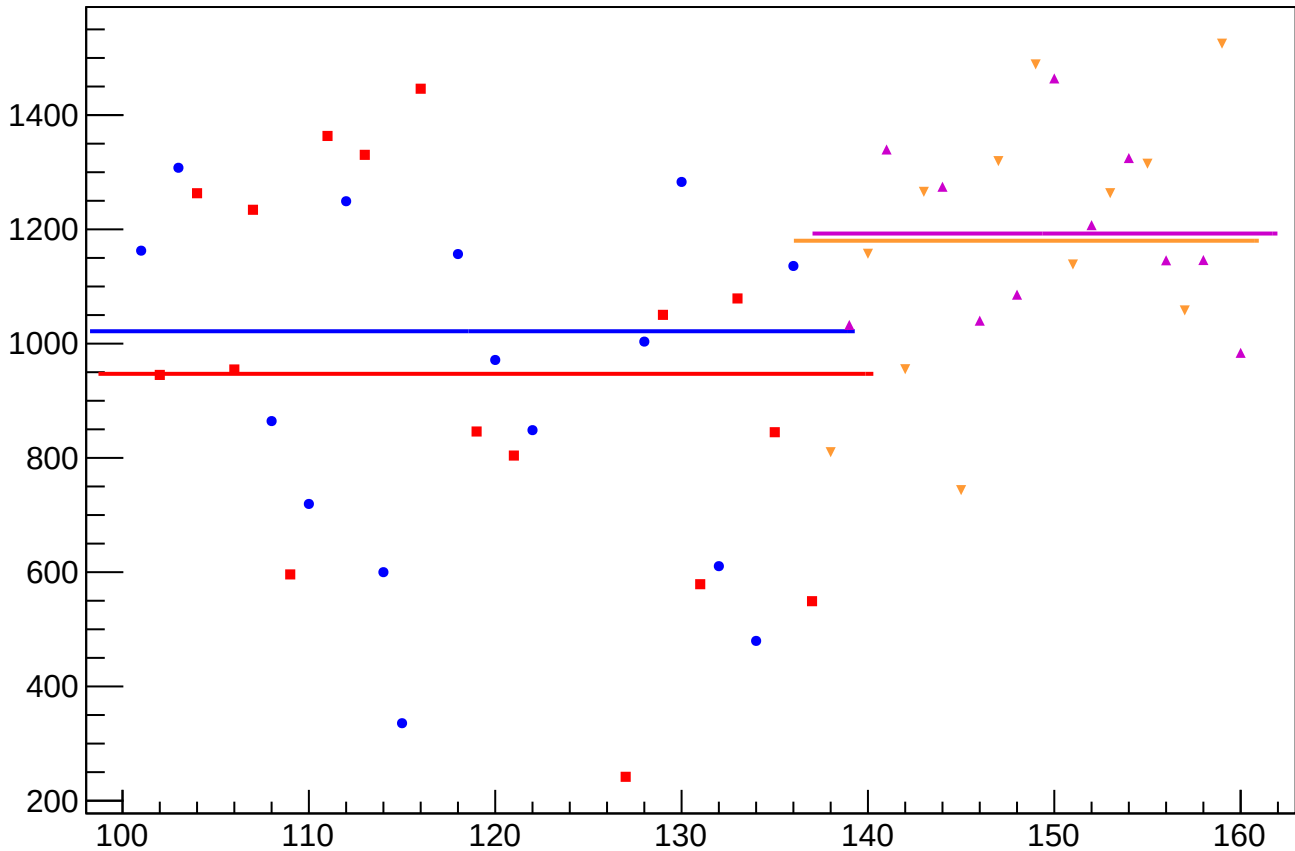
Left In: 588.693 $\pm$ 0.000 χ^2 /NDF: 9904386894828699094725074481582178304.0/10

+ sign 684.008 $\pm$ 0.000 χ^2 /NDF: 145791569069388

All: 669.969 $\pm$ 0.000 χ^2 /NDF: 244316509040

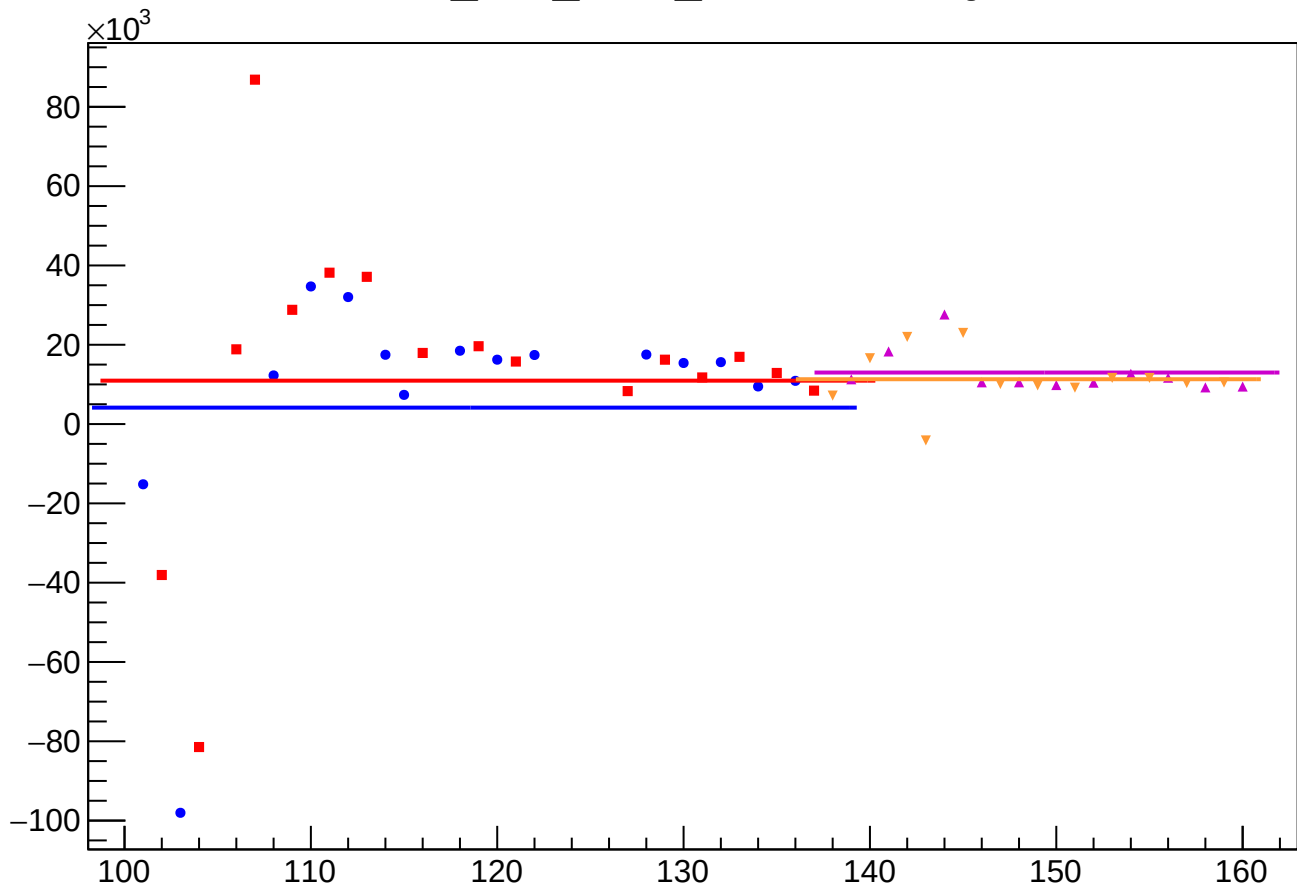
- sign 656.176 $\pm$ 0.000 χ^2 /NDF: 979142023590546

dit_usr_coil7_Ndata_mean vs Slug



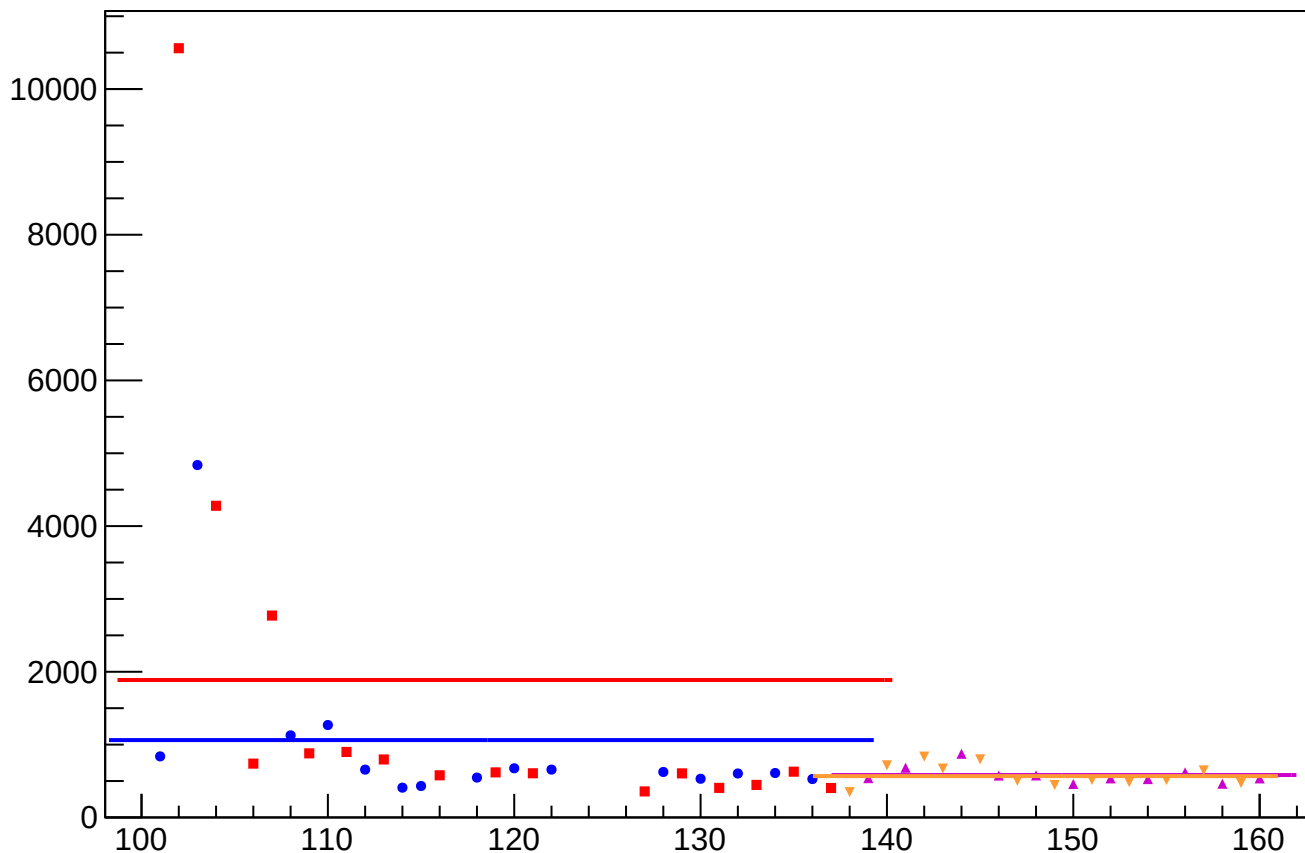
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_atl1_coil7_mean vs Slug



Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 ± 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



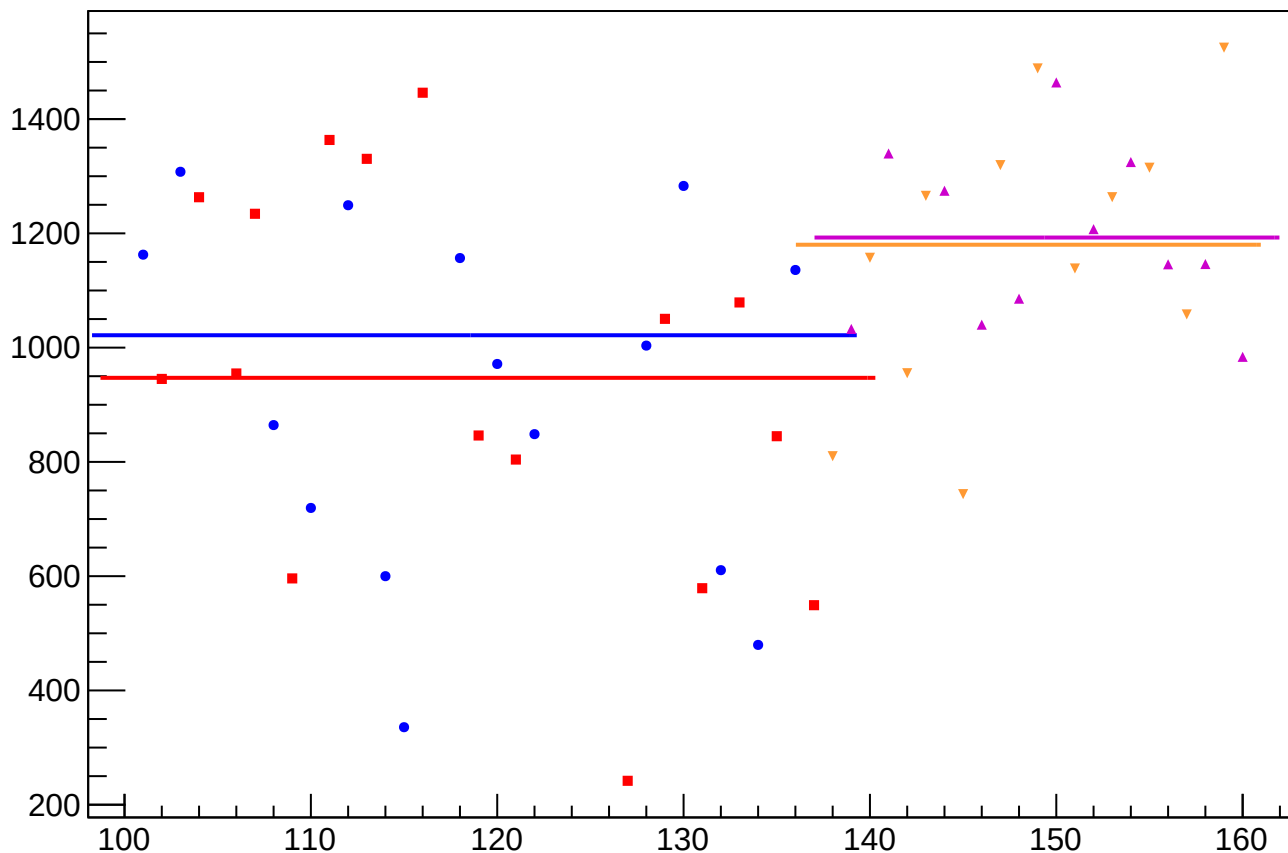
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 567.733+/-0.000 χ^2/NDF : 17522884747687495168010192179255312384.0/11

Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

Left In: 582.413+/-0.000 χ^2/NDF : 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

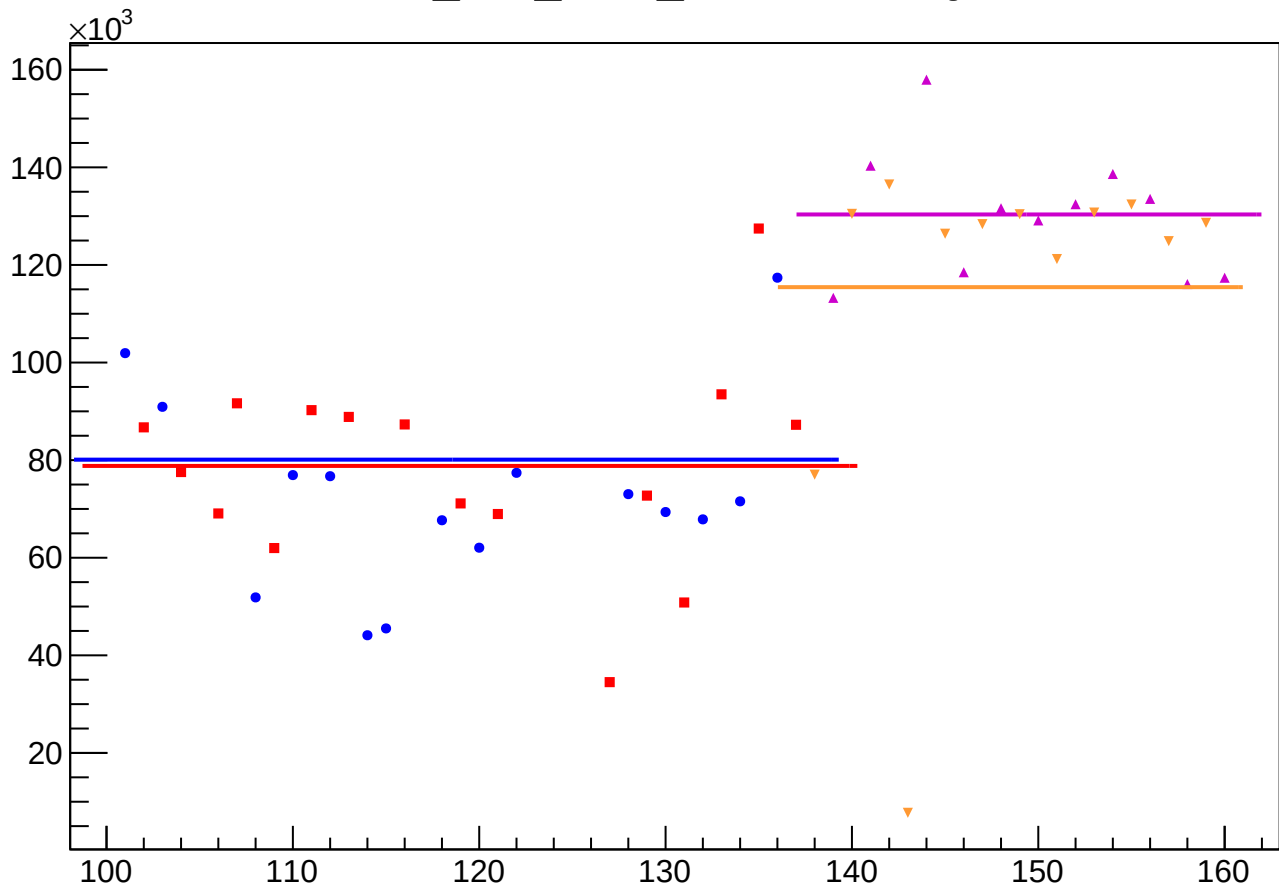
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

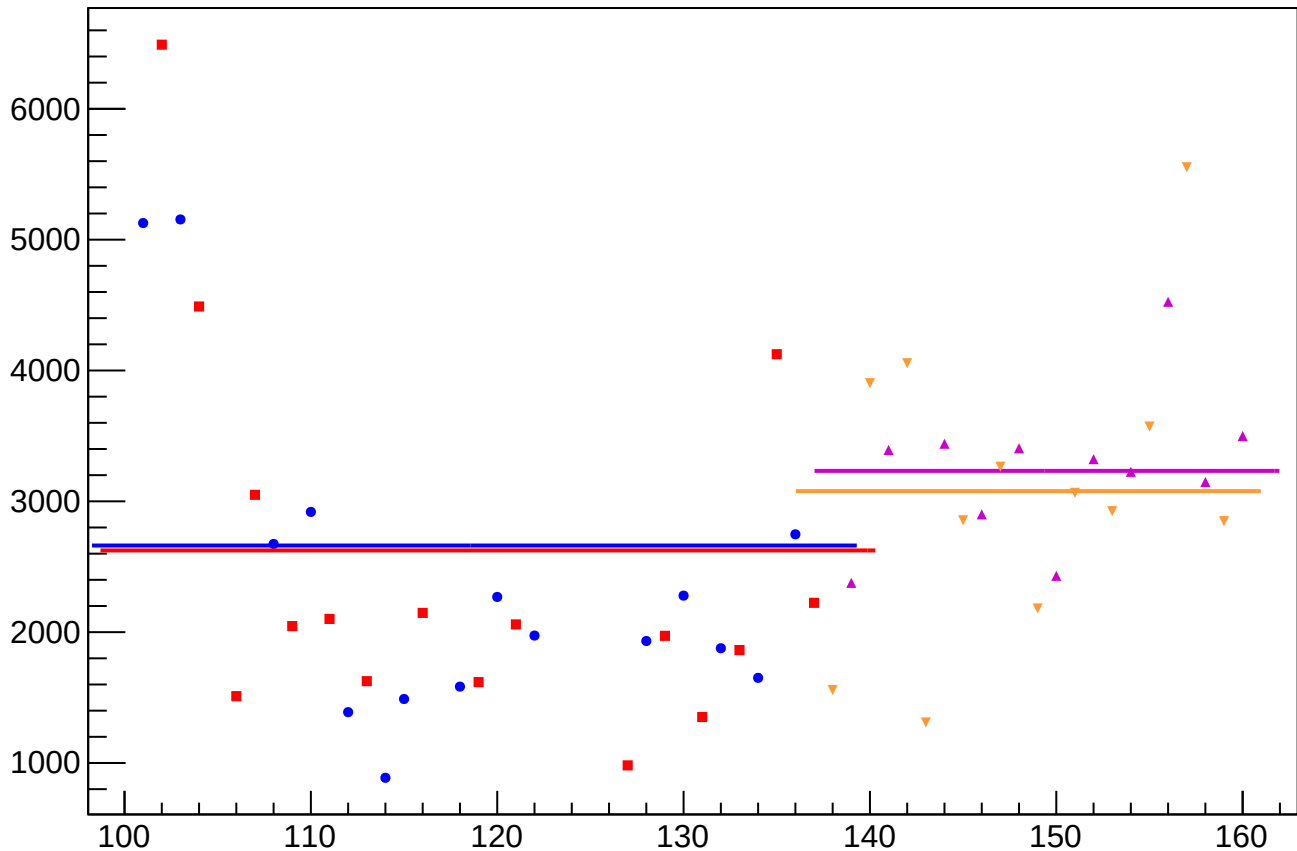
dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000	χ^2/NDF : 254521784097258654723607522631742465769472.0/14
Left Out: 115448.893+/-0.000	χ^2/NDF : 1038801657464811255416211206986838896017408.0/11
Right Out: 78815.832+/-0.000	χ^2/NDF : 286076919217811099434470442231998185472000.0/15
Left In: 130346.244+/-0.000	χ^2/NDF : 148174871015439819820100459279999278514176.0/10

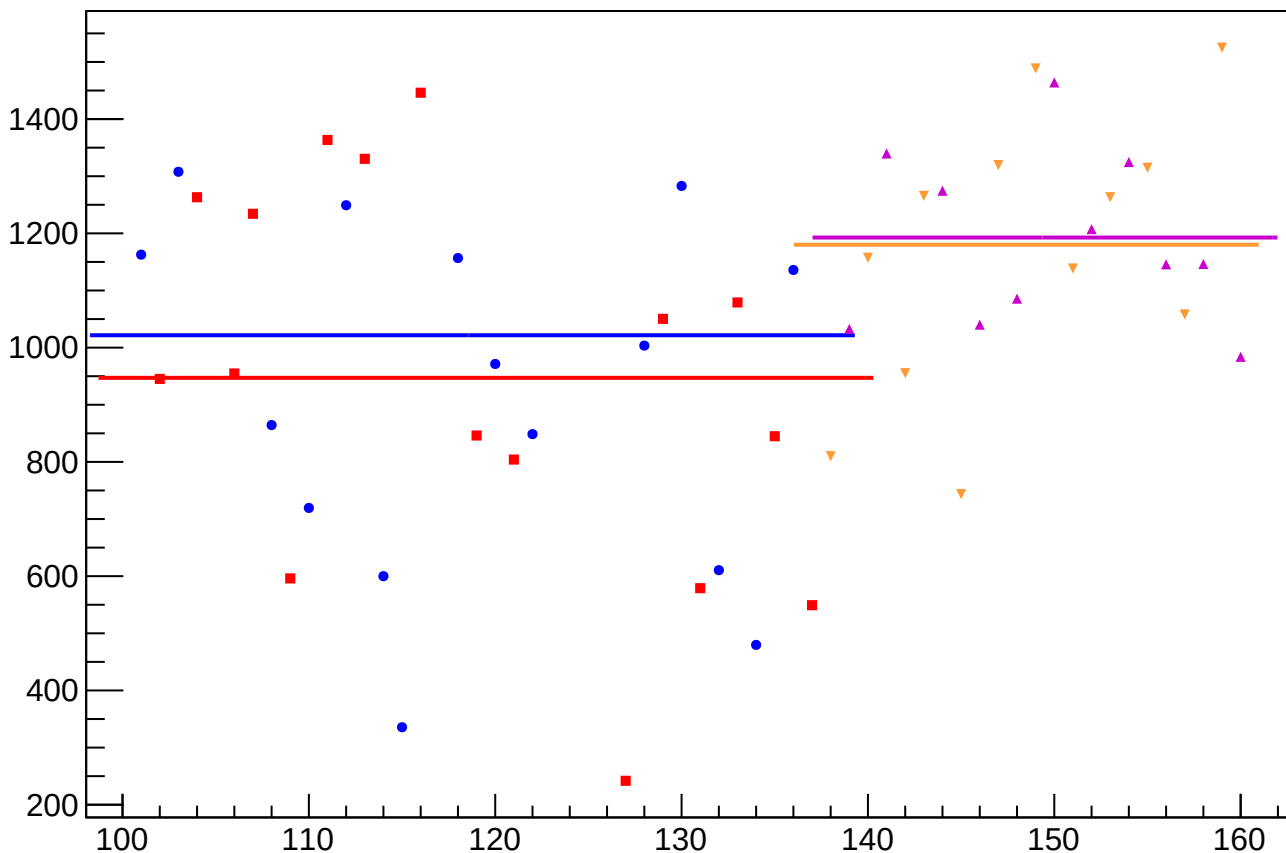
+ sign 100772.113+/-0.000 χ^2/NDF : 176748026895
 All: 104792.930+/-0.000 χ^2/NDF : 328044500
 - sign 108742.985+/-0.000 χ^2/NDF : 146287150012

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

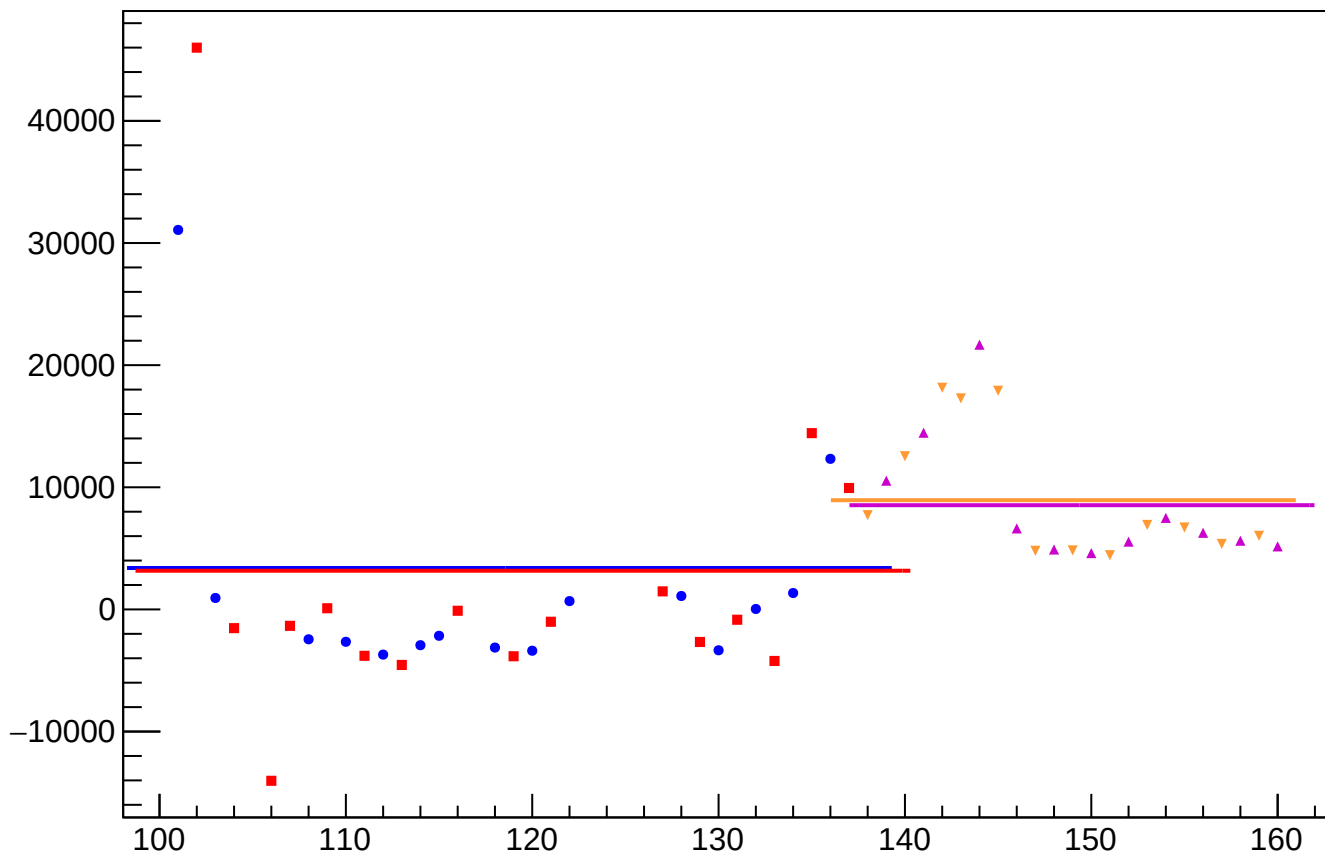
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

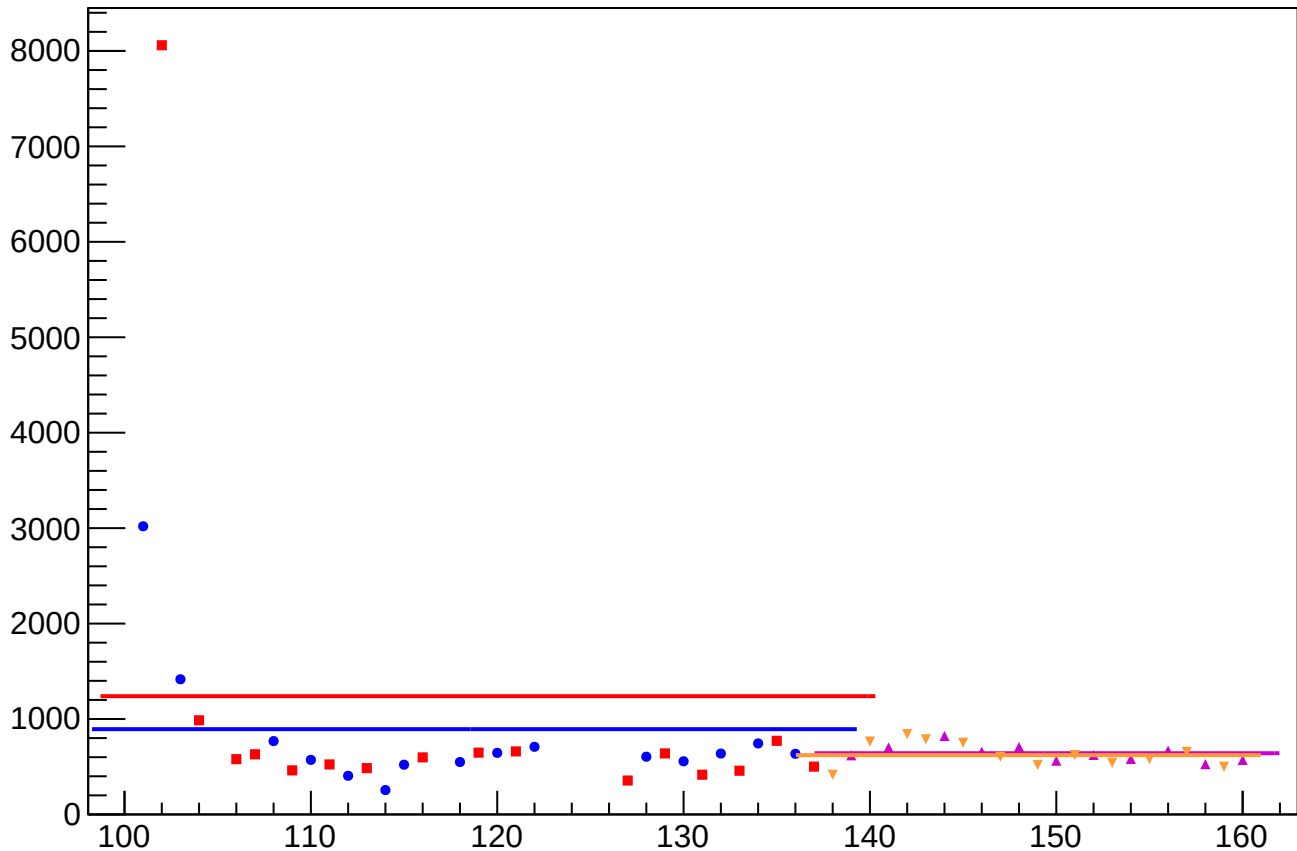
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

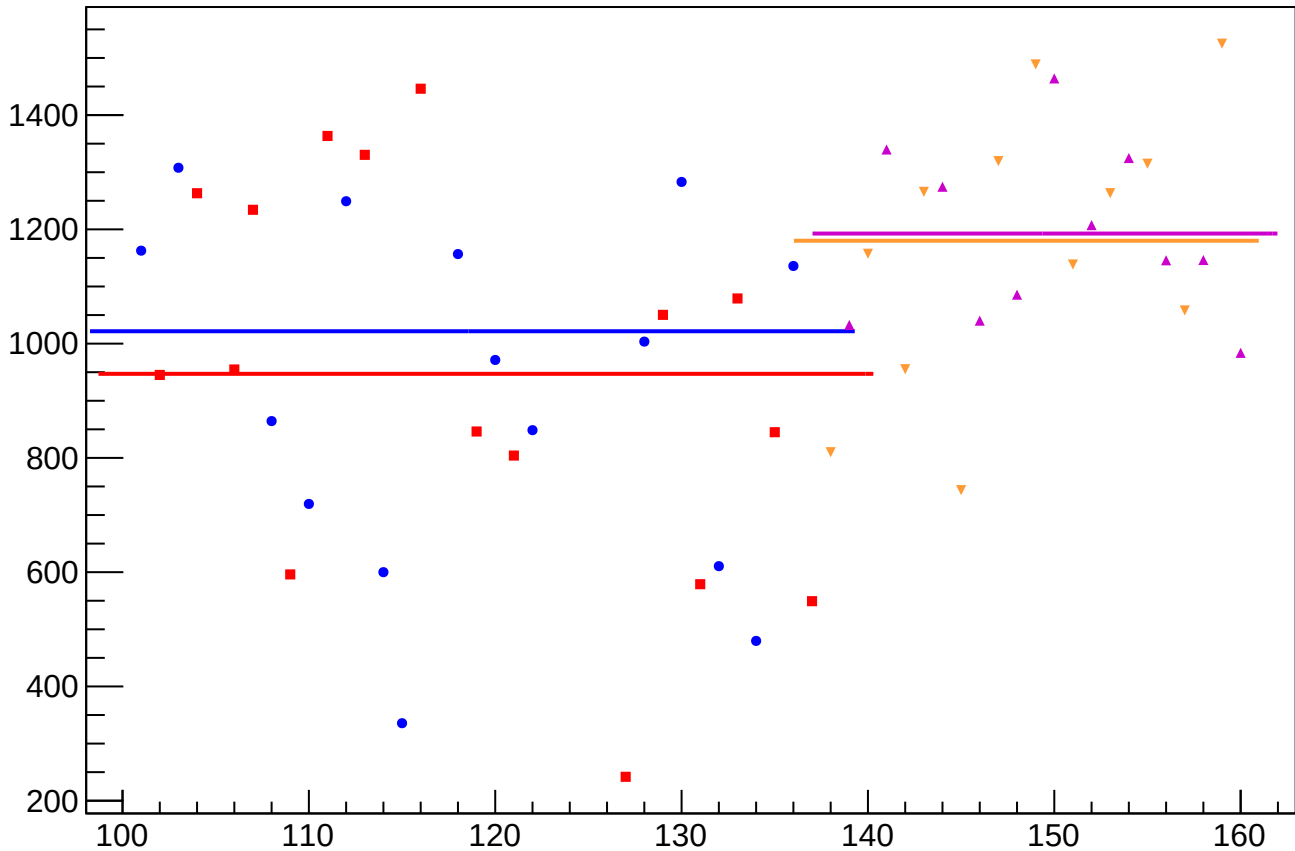
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

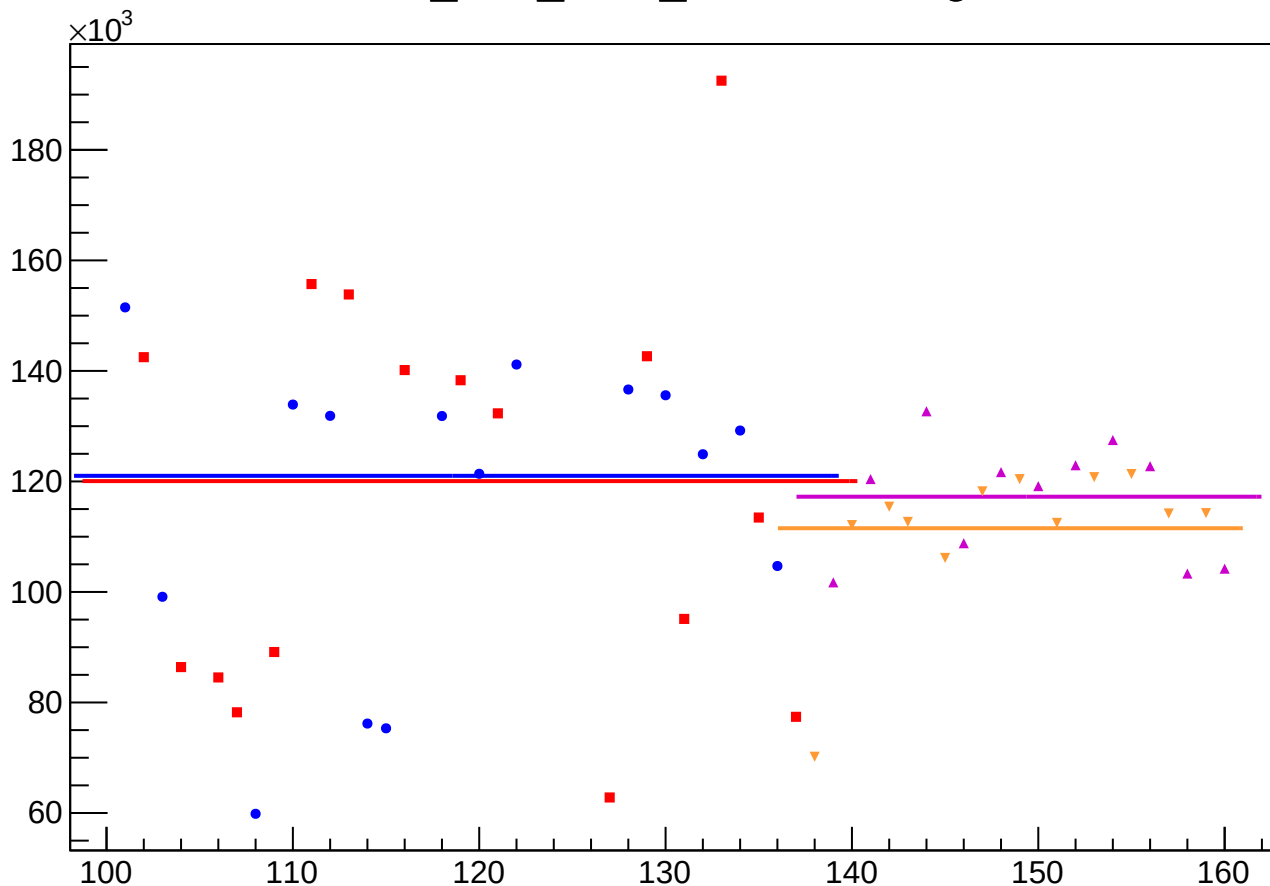
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 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

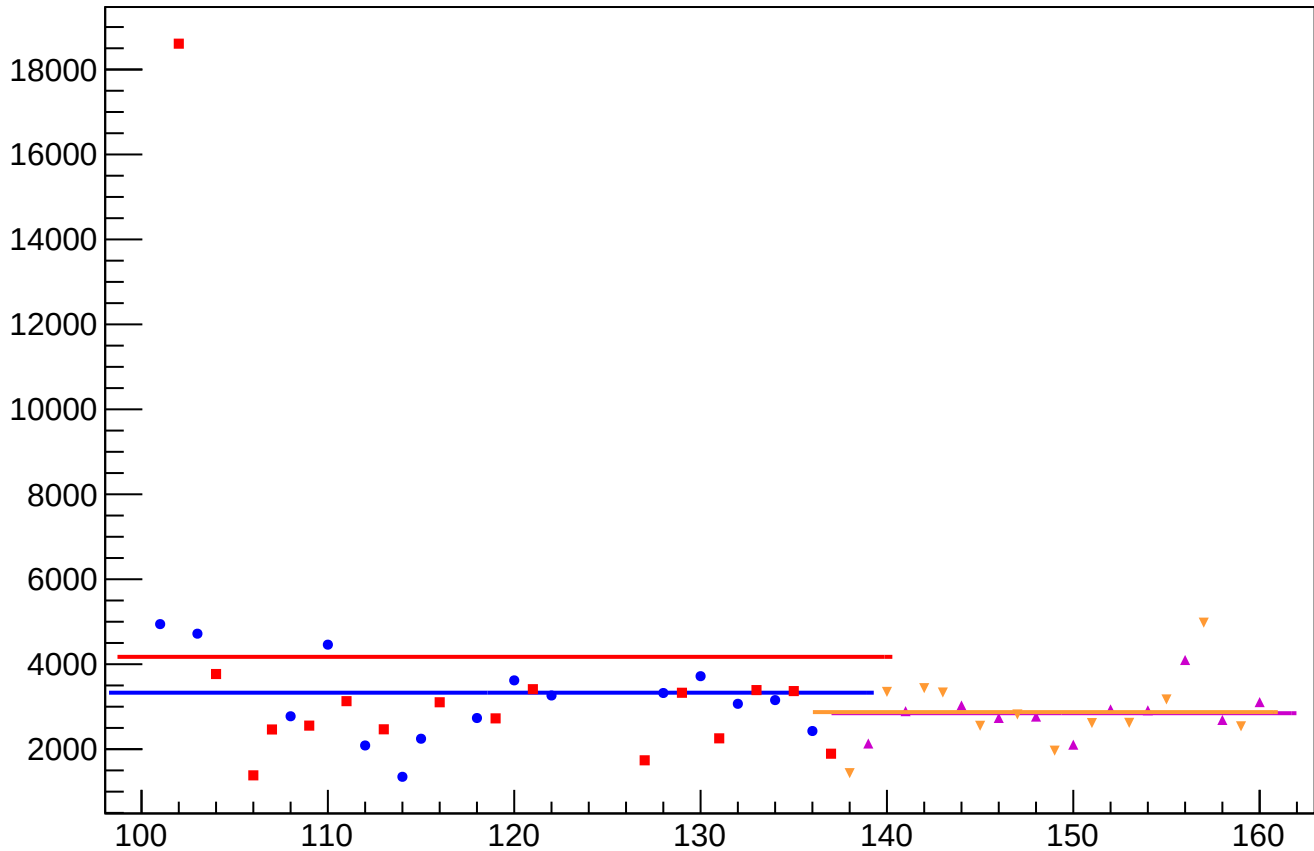
dit_atr2_coil7_mean vs Slug



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

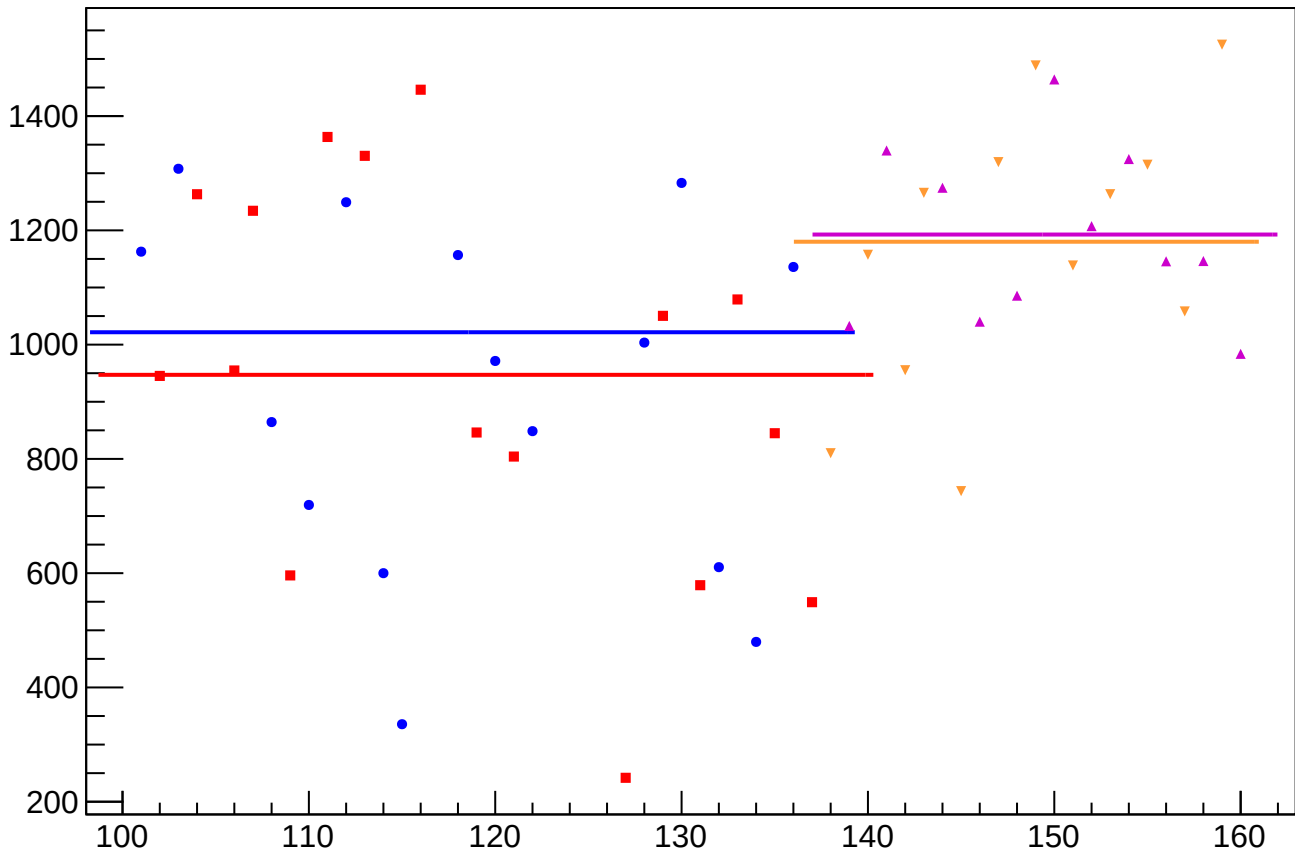
+ sign 115470.027 $\pm$ 0.000 χ^2 /NDF: 555580110243
 All: 116958.641 $\pm$ 0.000 χ^2 /NDF: 148625317
 - sign 118421.056 $\pm$ 0.000 χ^2 /NDF: 923806900564

dit_atr2_coil7_err_mean vs Slug



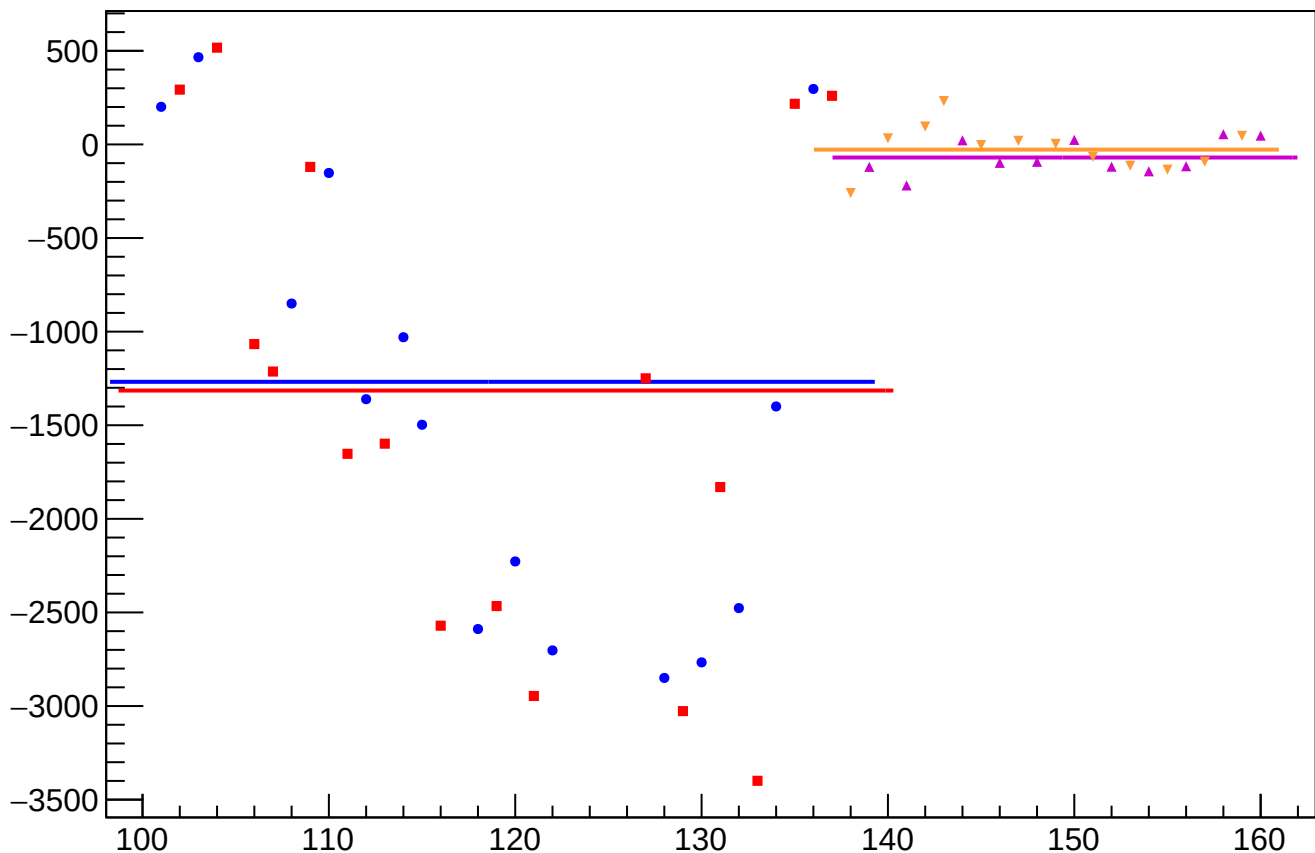
Right In: 3329.488 ± 0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567 ± 0.000 χ^2/NDF : 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434 ± 0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559 ± 0.000 χ^2/NDF : 229557109736682123603885764134616170496.0/10

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



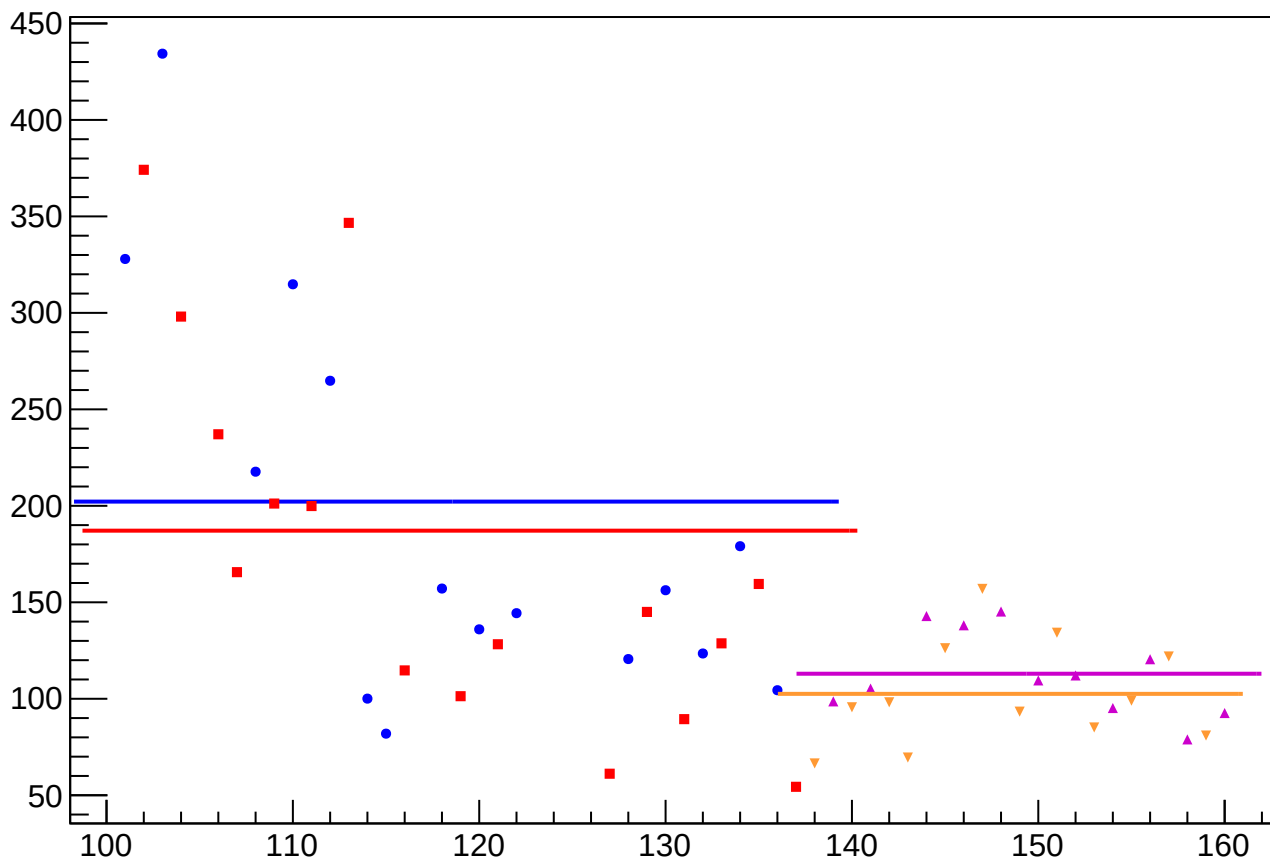
Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

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

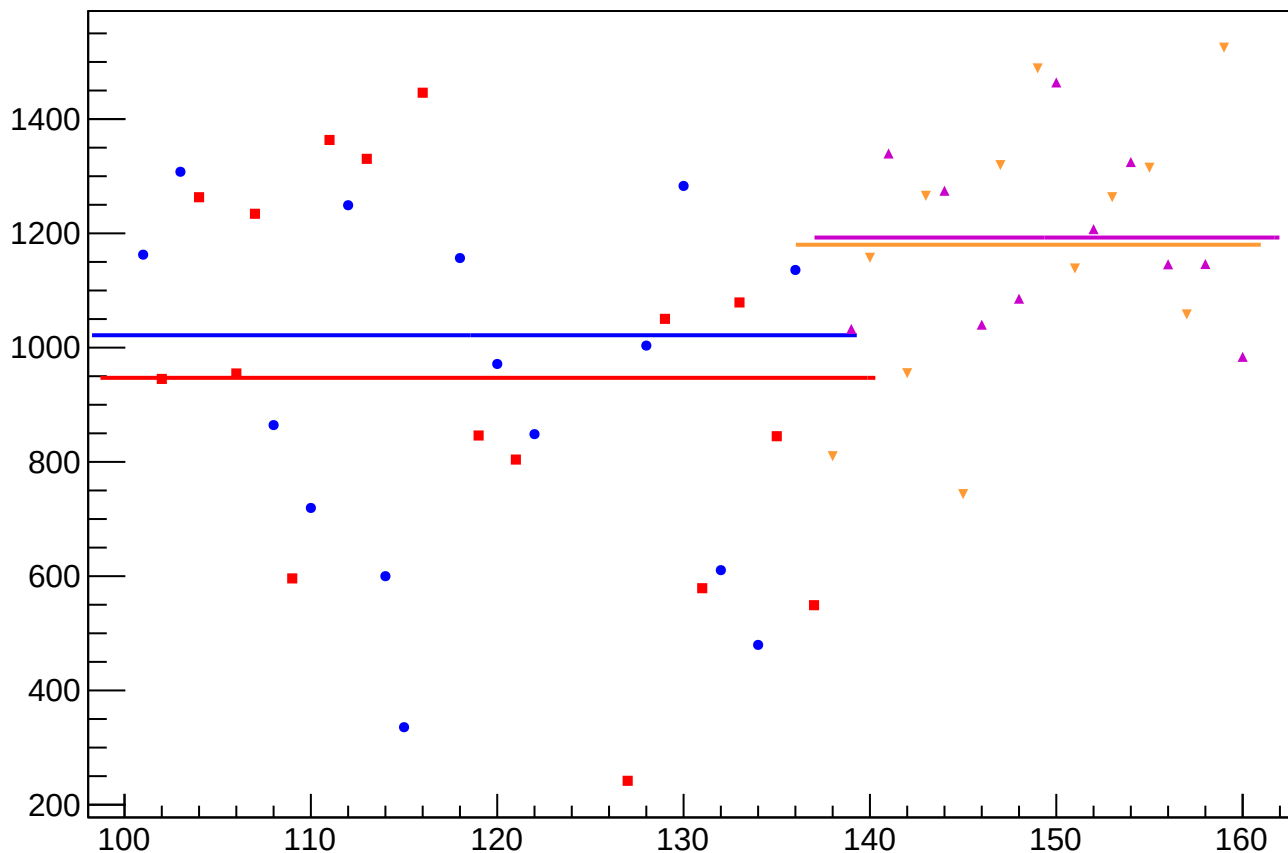
Left In: 112.981+/-0.000 χ^2/NDF : 399082569166702797505998561799569408.0/10

+ 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 +/- 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

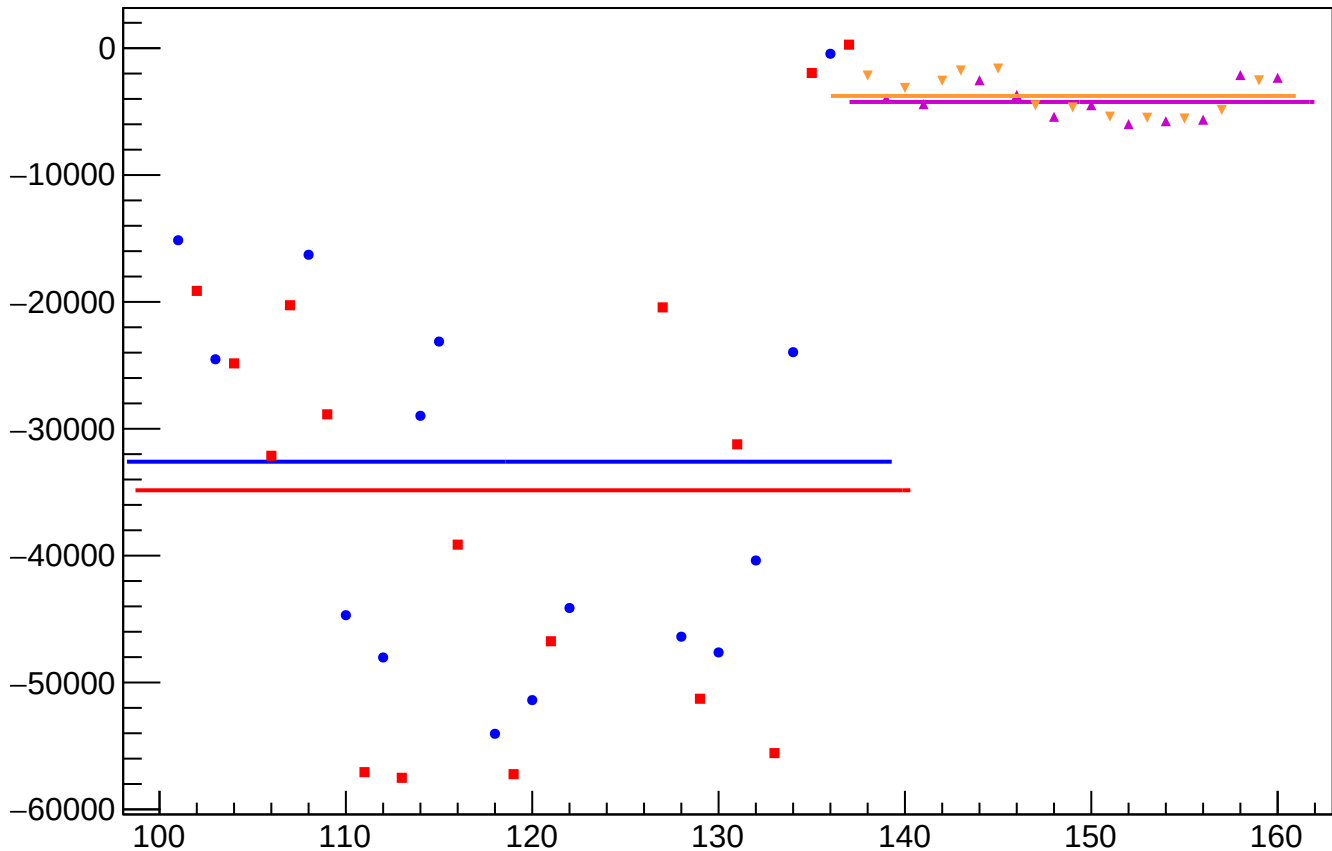
Left In: 1192.687 +/- 0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323 +/- 0.000 χ^2/NDF : 10080626753263

All: 1101.926 +/- 0.000 χ^2/NDF : 21167730452

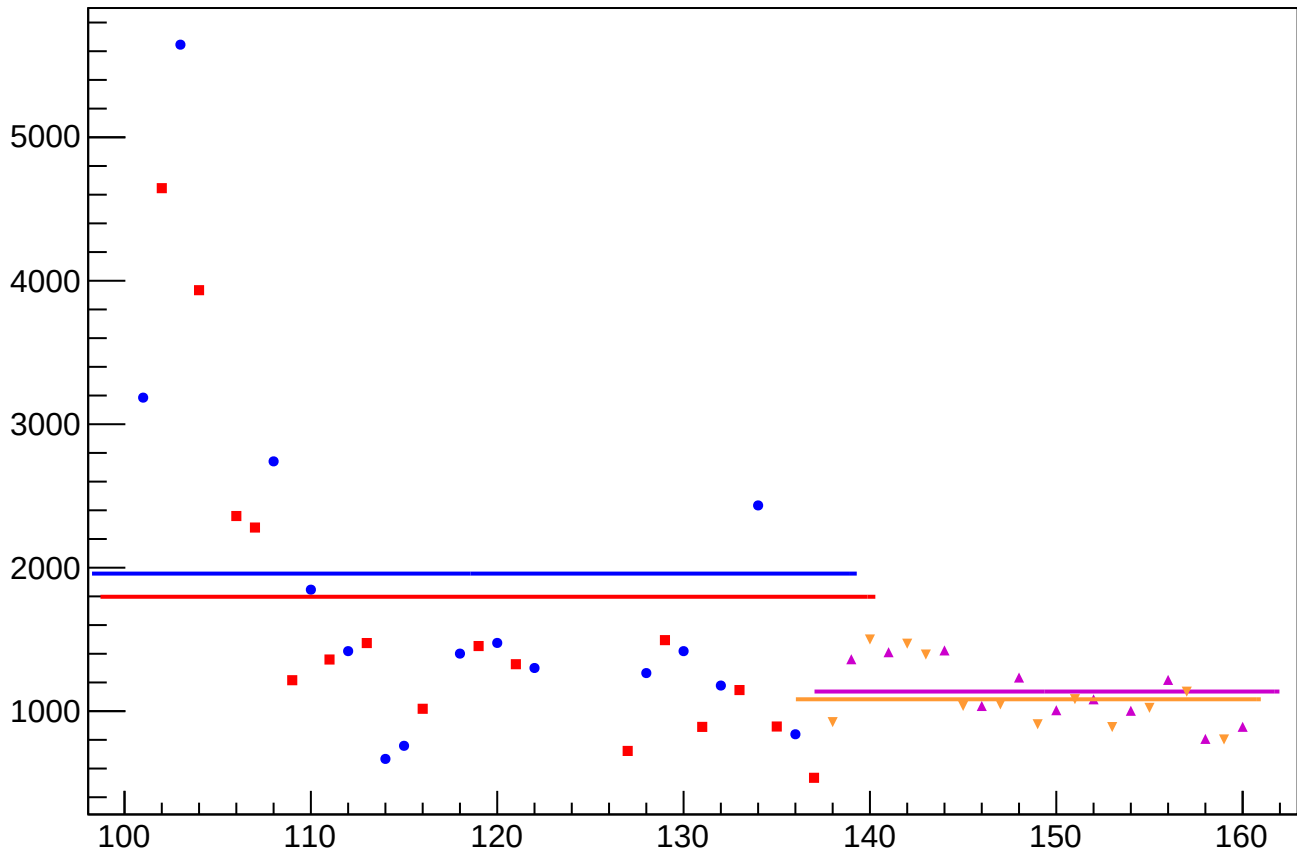
- sign 1089.748 +/- 0.000 χ^2/NDF : 11039486982366

dit_sam2_coil7_mean vs Slug



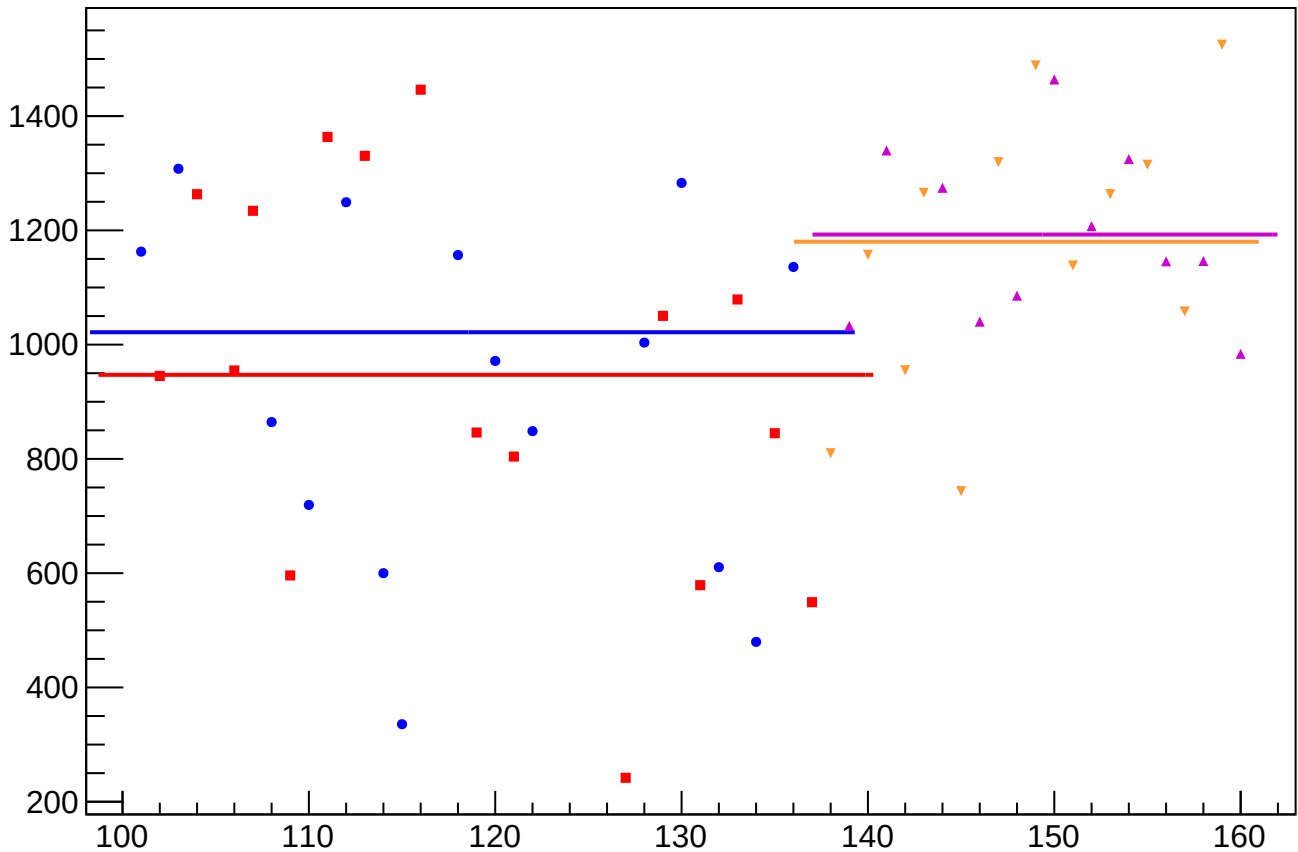
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764 ± 0.000 χ^2/NDF : 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



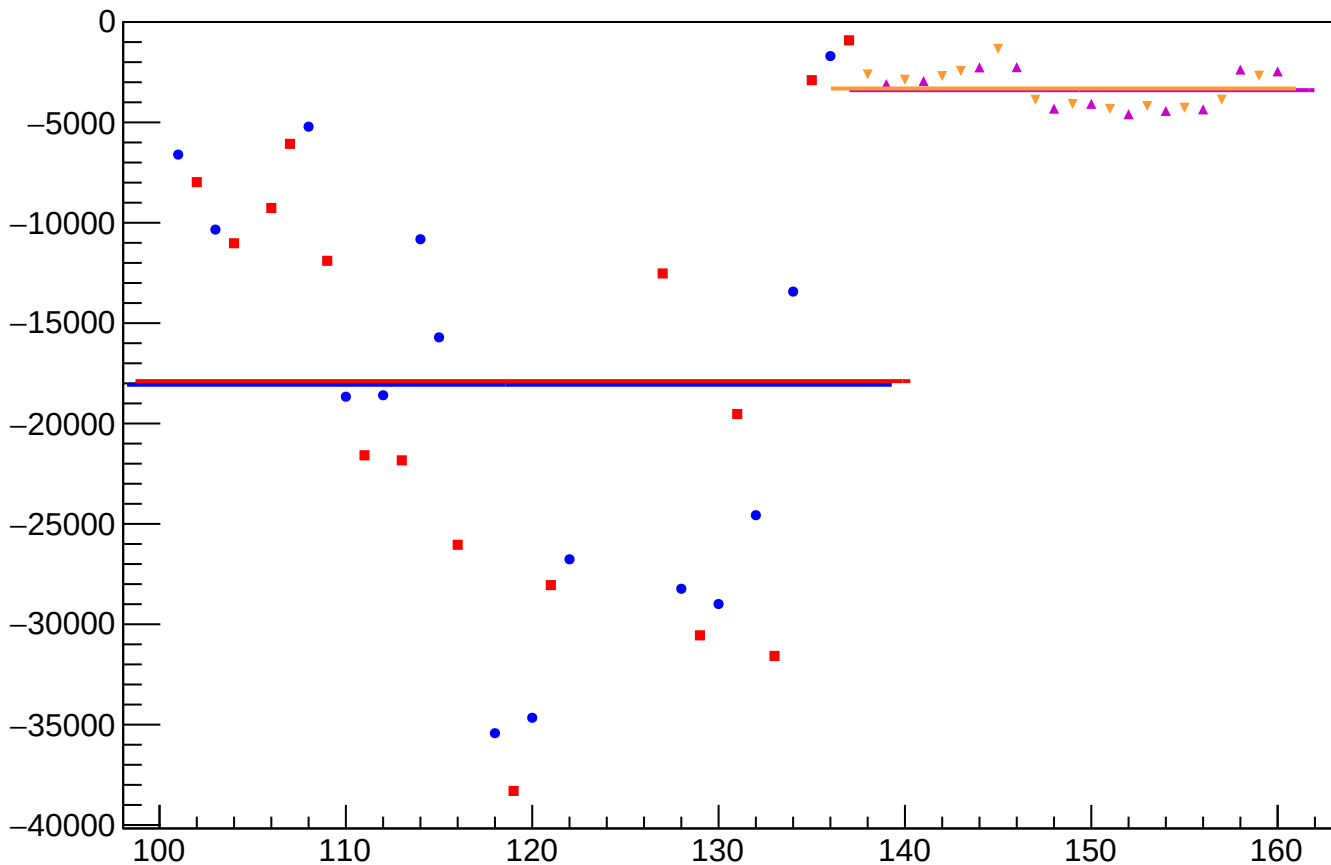
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769+/-0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

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

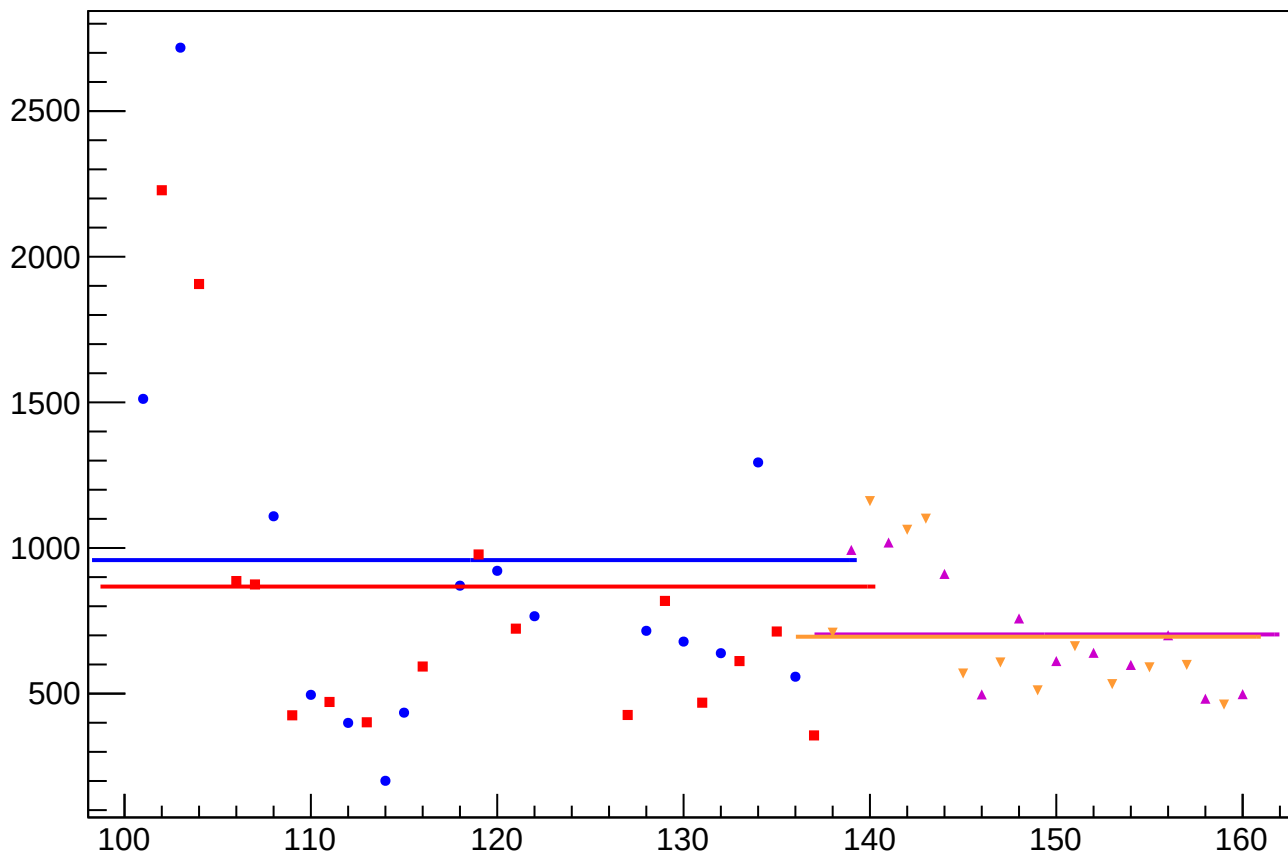
Left In: -3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10

+ sign -9439.320+/-0.000 χ^2/NDF : 1677312300640

All: -9455.112+/-0.000 χ^2/NDF : 3283182119

- sign -9470.625+/-0.000 χ^2/NDF : 1605862092635

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

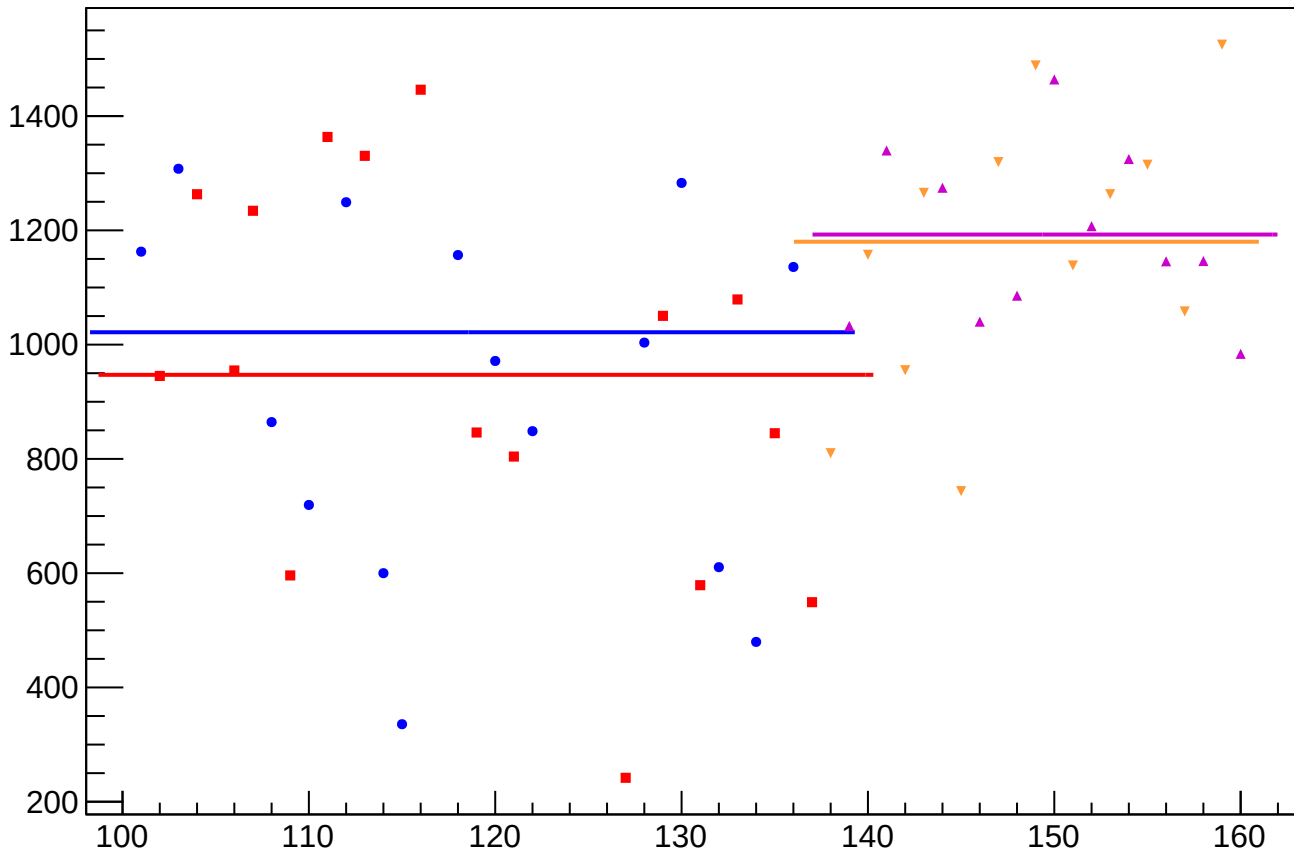
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 804.584+/-0.000 χ^2/NDF : 338998928620433

All: 788.186+/-0.000 χ^2/NDF : 598468024963

- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

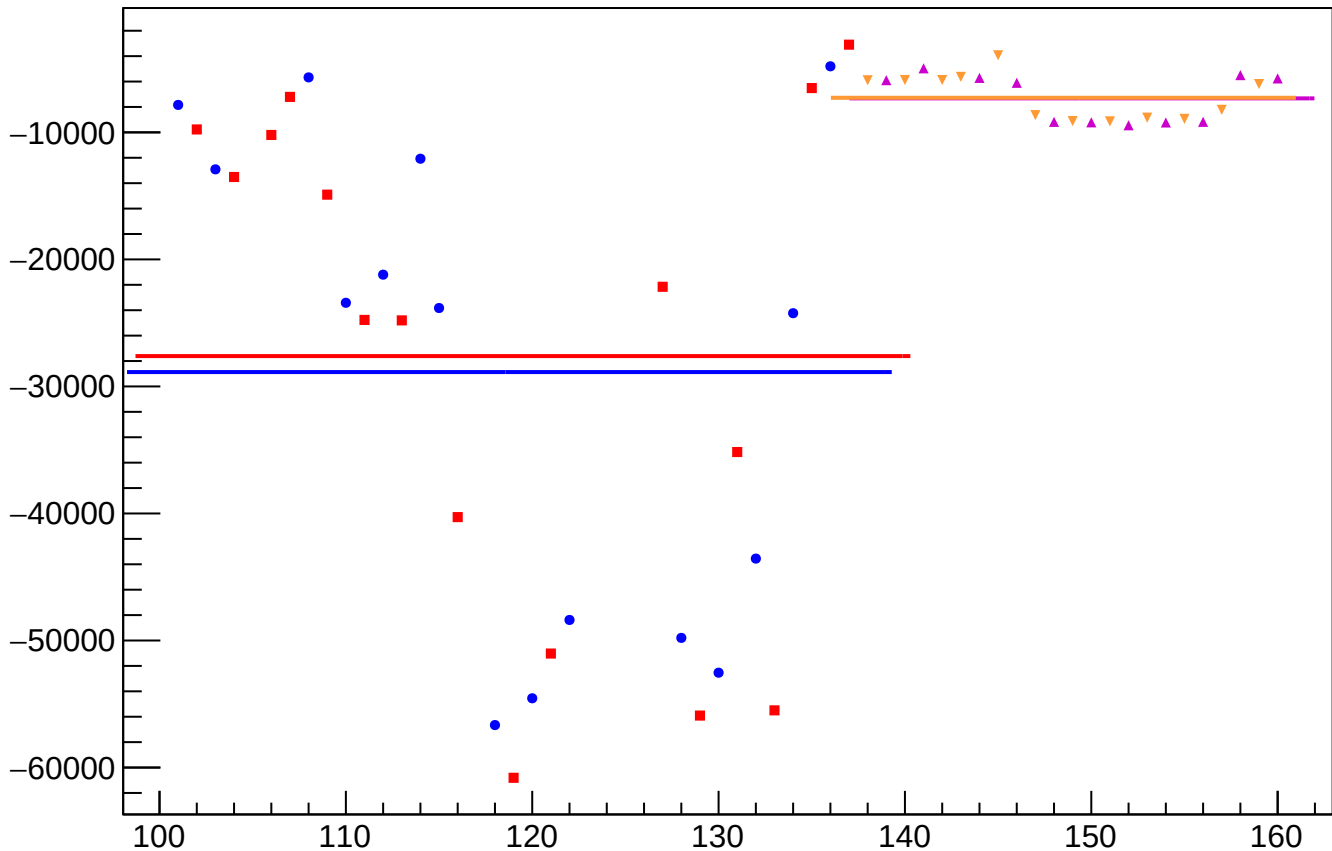
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

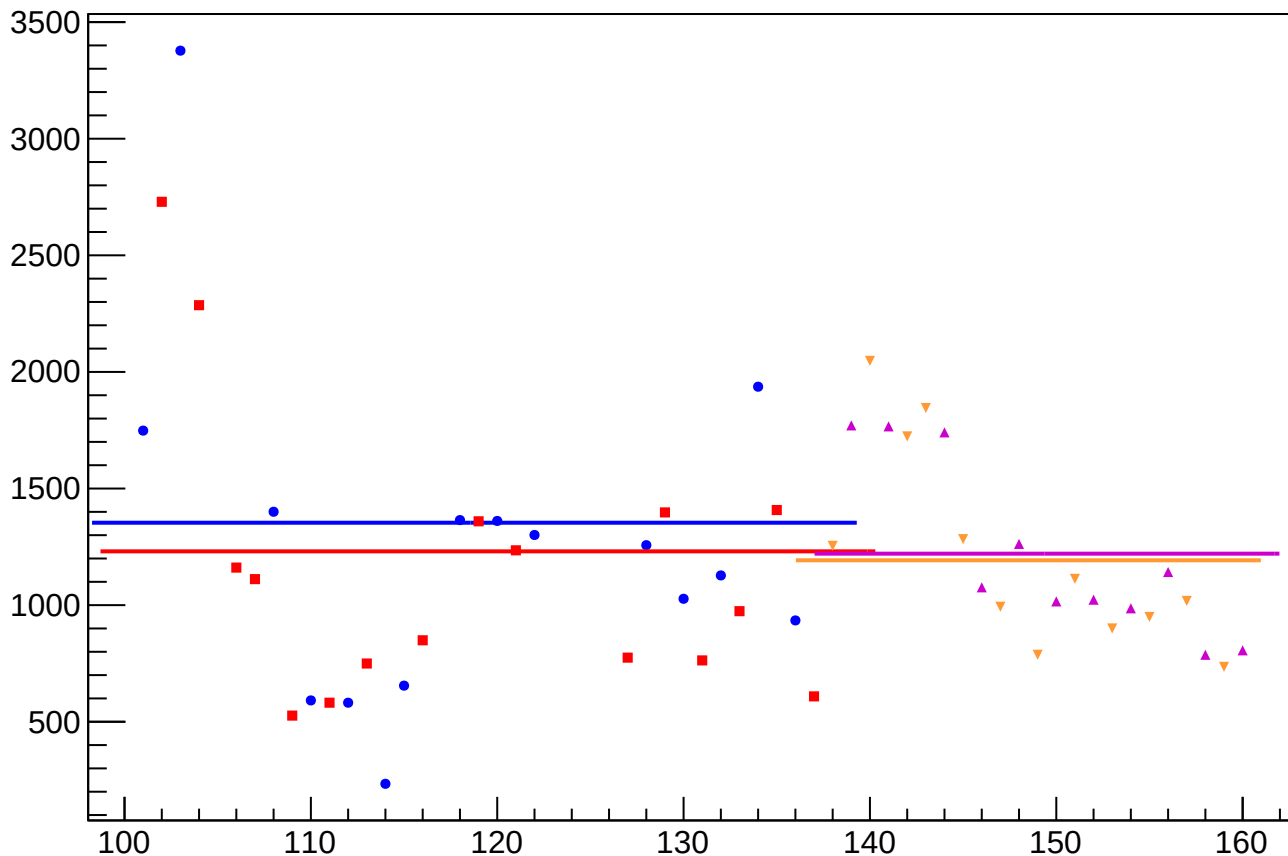
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7277.886+/-0.000 χ^2/NDF : 2738867305918098068317388239234104557568.0/11
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1192.275+/-0.000 χ^2/NDF : 150893742871936420702627399426239365120.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

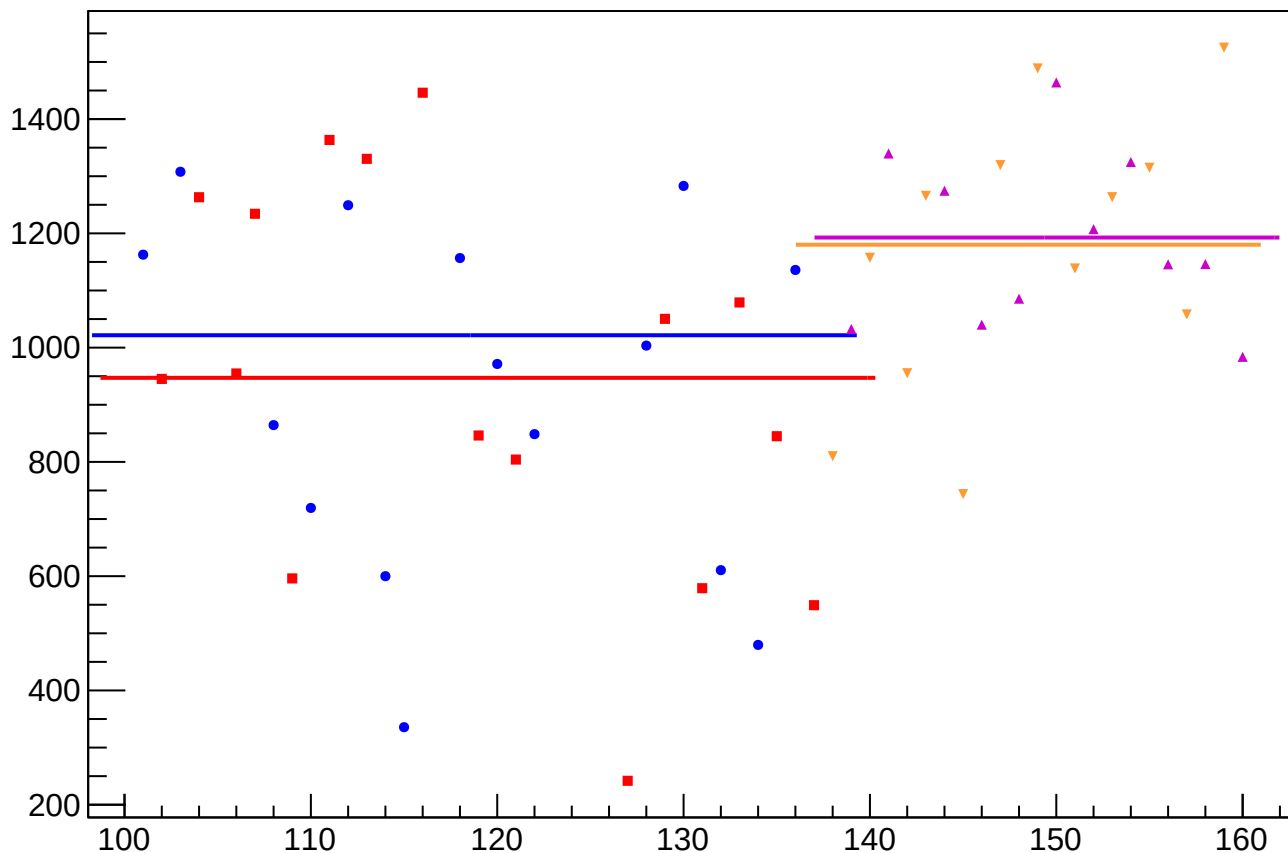
Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

+ sign 1259.184+/-0.000 χ^2/NDF : 51363609234821

All: 1241.889+/-0.000 χ^2/NDF : 90788694347

- sign 1224.899+/-0.000 χ^2/NDF : 39332410450392

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 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

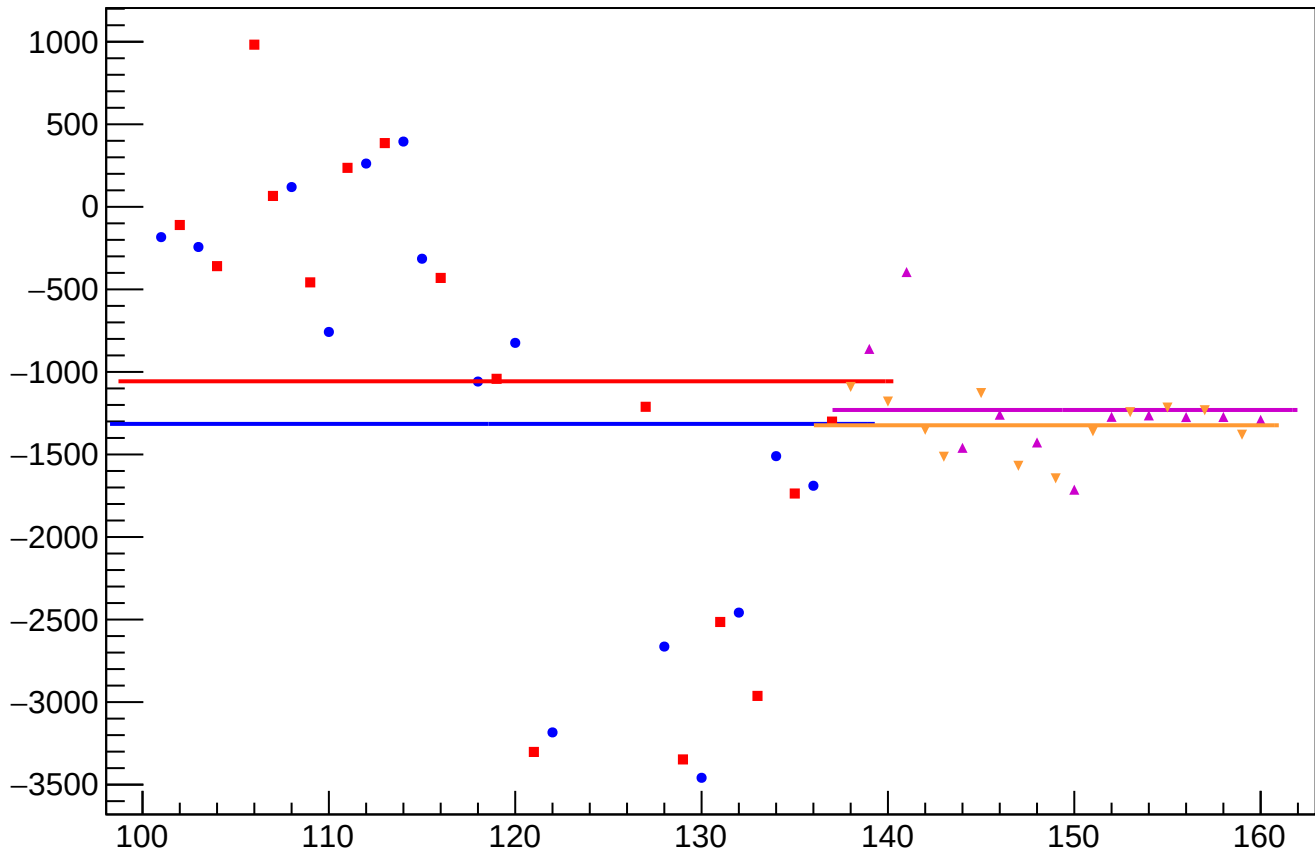
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

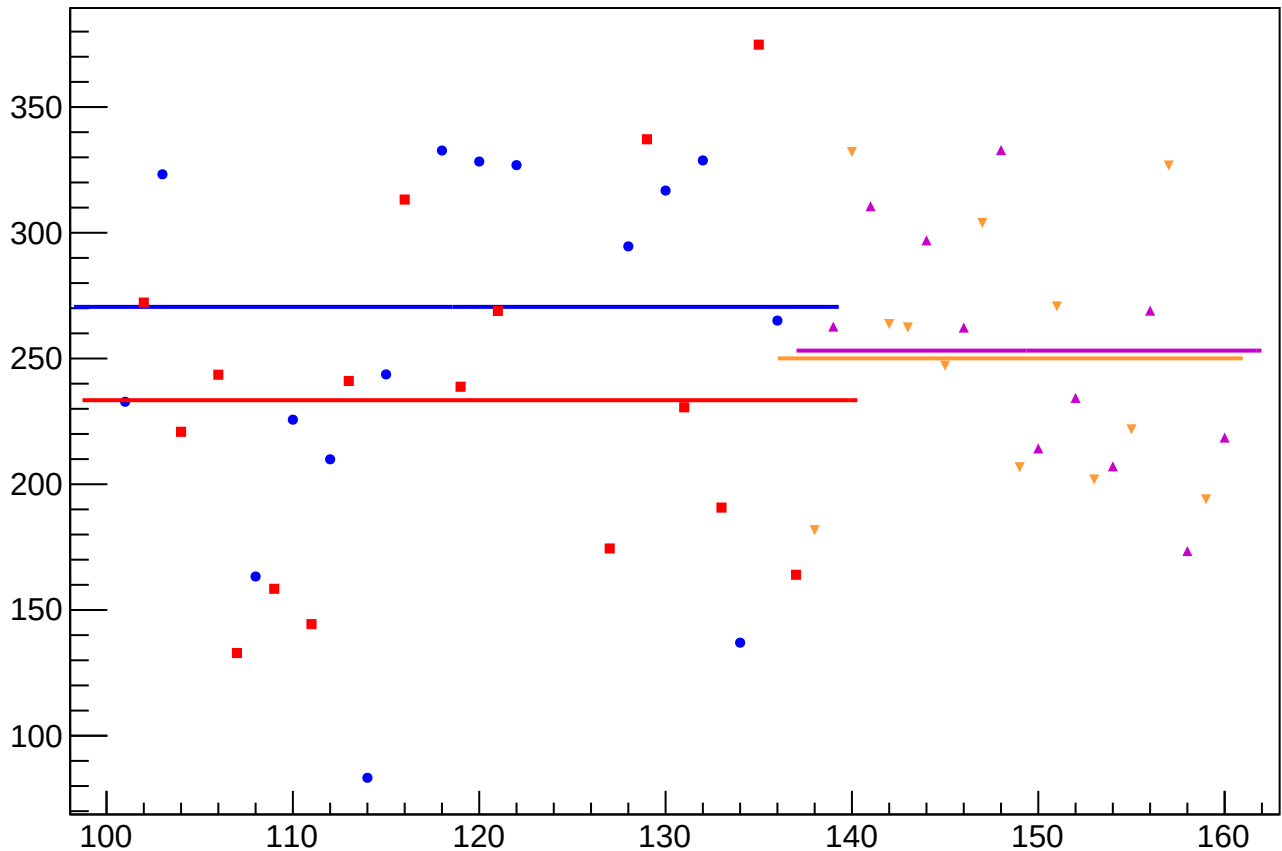
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam5_coil7_mean vs Slug



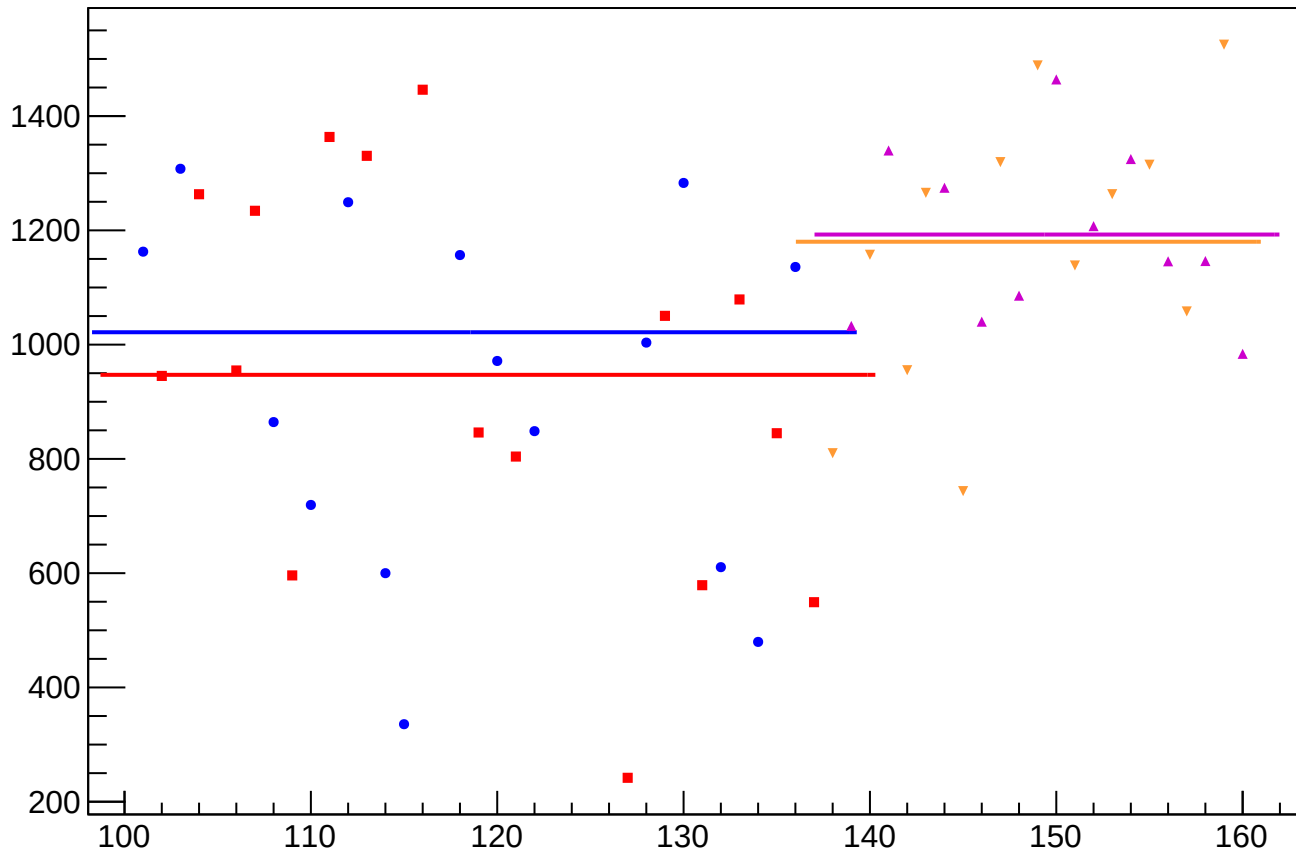
Right In: -1314.782 +/- 0.000 $\chi^2/\text{NDF} = 966082368518203481544021644405645508608.0/14$
 Left Out: -1323.142 +/- 0.000 $\chi^2/\text{NDF} = 27180584789293911694803613303409999872.0/11$
 Right Out: -1056.765 +/- 0.000 $\chi^2/\text{NDF} = 1127141594187417021949832477353286041600.0/15$
 Left In: -1230.430 +/- 0.000 $\chi^2/\text{NDF} = 100431691068850056086409132460520505344.0/10$

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538 $\pm$ 0.000 χ^2 /NDF: 2473839905347950323907848405170257920.0/14
 Left Out: 250.055 $\pm$ 0.000 χ^2 /NDF: 2329396041694824766683600755668025344.0/11
 Right Out: 233.421 $\pm$ 0.000 χ^2 /NDF: 3048529087317888615064010247743995904.0/15
 Left In: 253.145 $\pm$ 0.000 χ^2 /NDF: 1980196841930298045035907903943344128.0/10

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

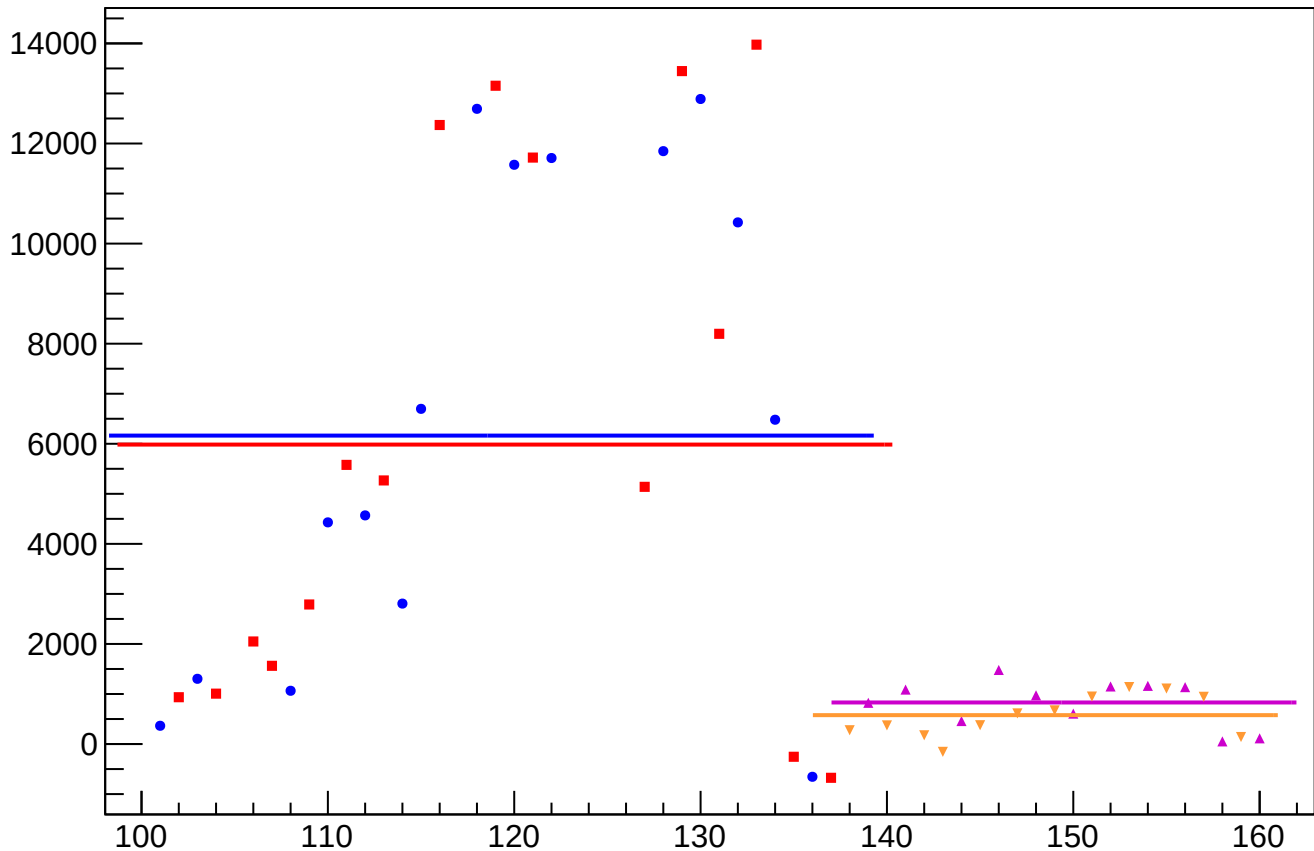
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

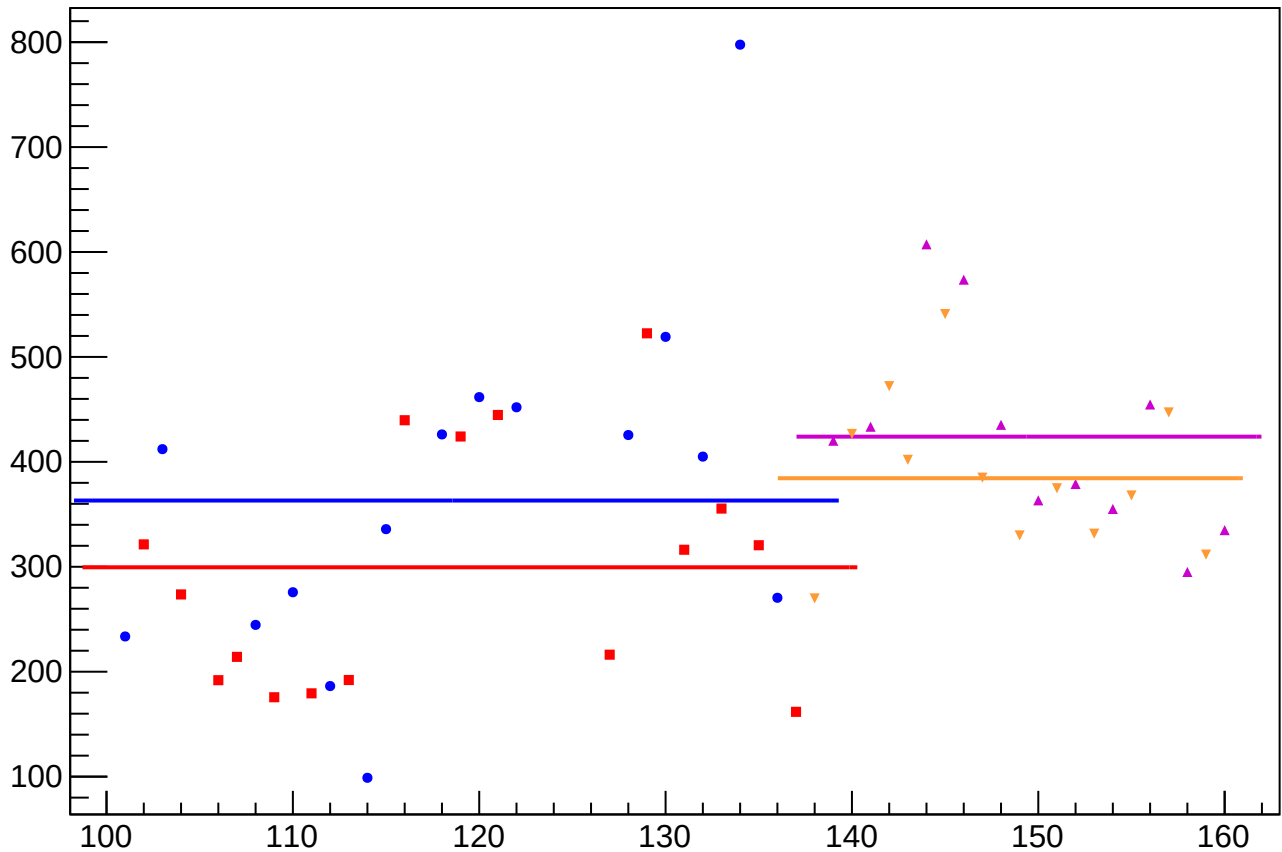
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

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

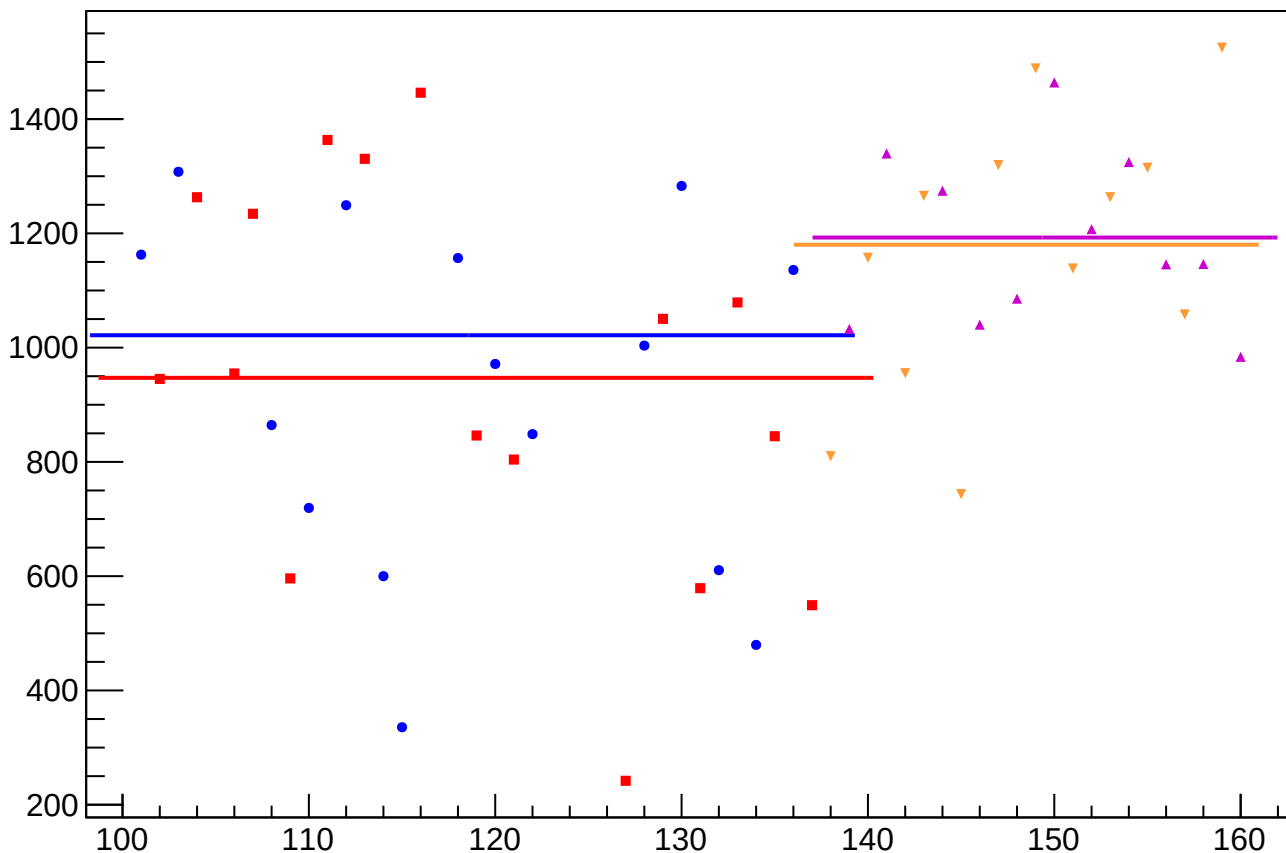
dit_sam6_coil7_err_mean vs Slug



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 +/- 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

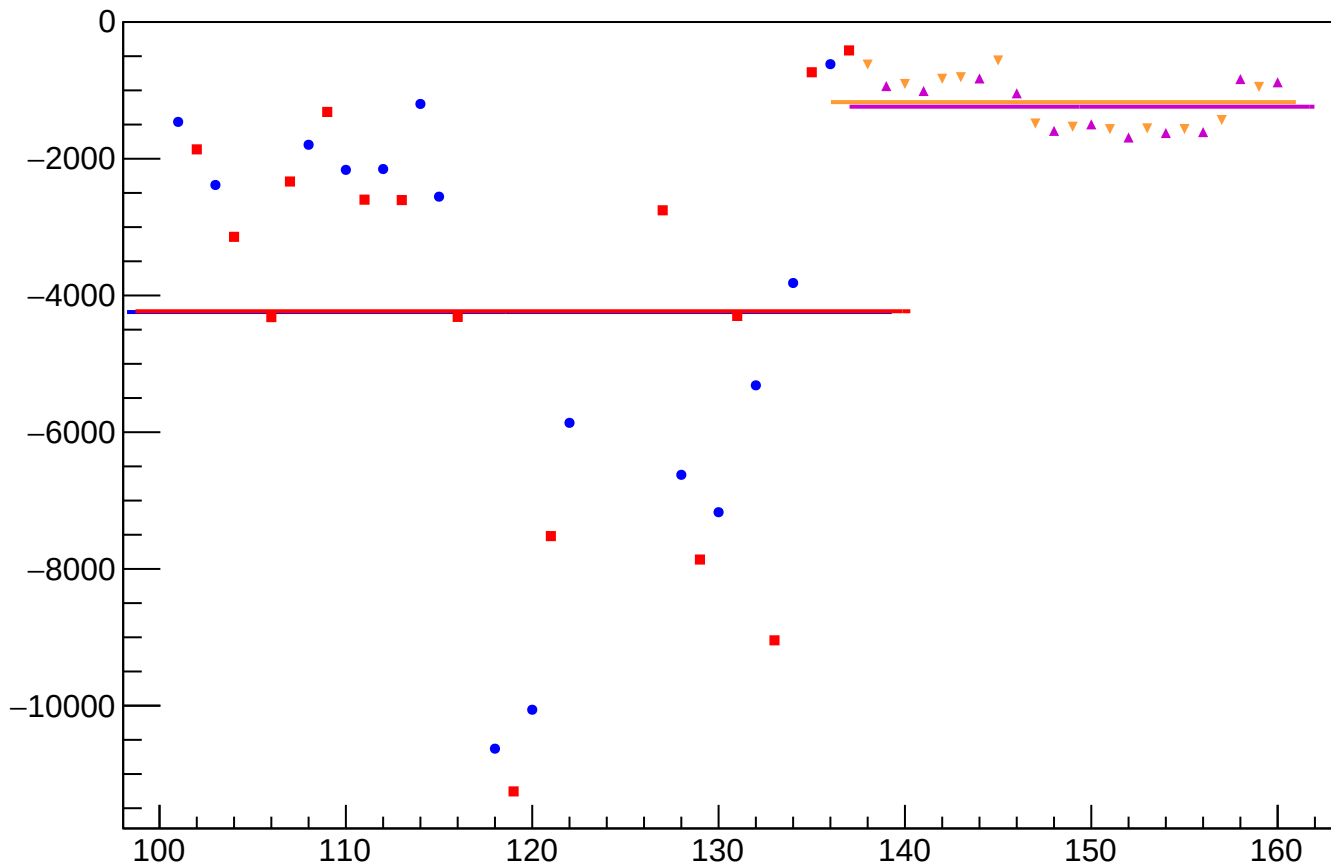
Left Out: 1180.103 +/- 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 +/- 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

Left In: 1192.687 +/- 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

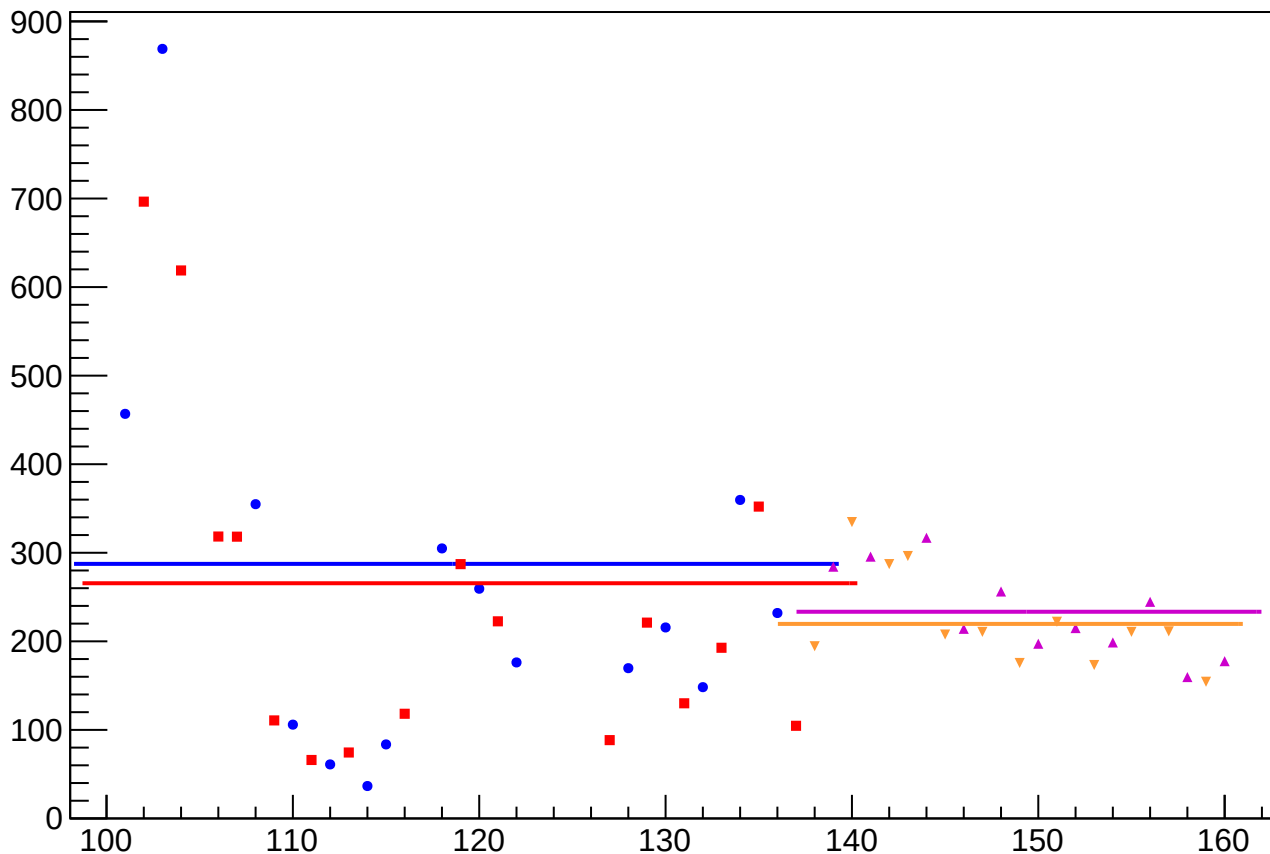
+ sign 1114.323 +/- 0.000 χ^2 /NDF: 10080626753263
All: 1101.926 +/- 0.000 χ^2 /NDF: 21167730452
- sign 1089.748 +/- 0.000 χ^2 /NDF: 11039486982366

dit_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

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

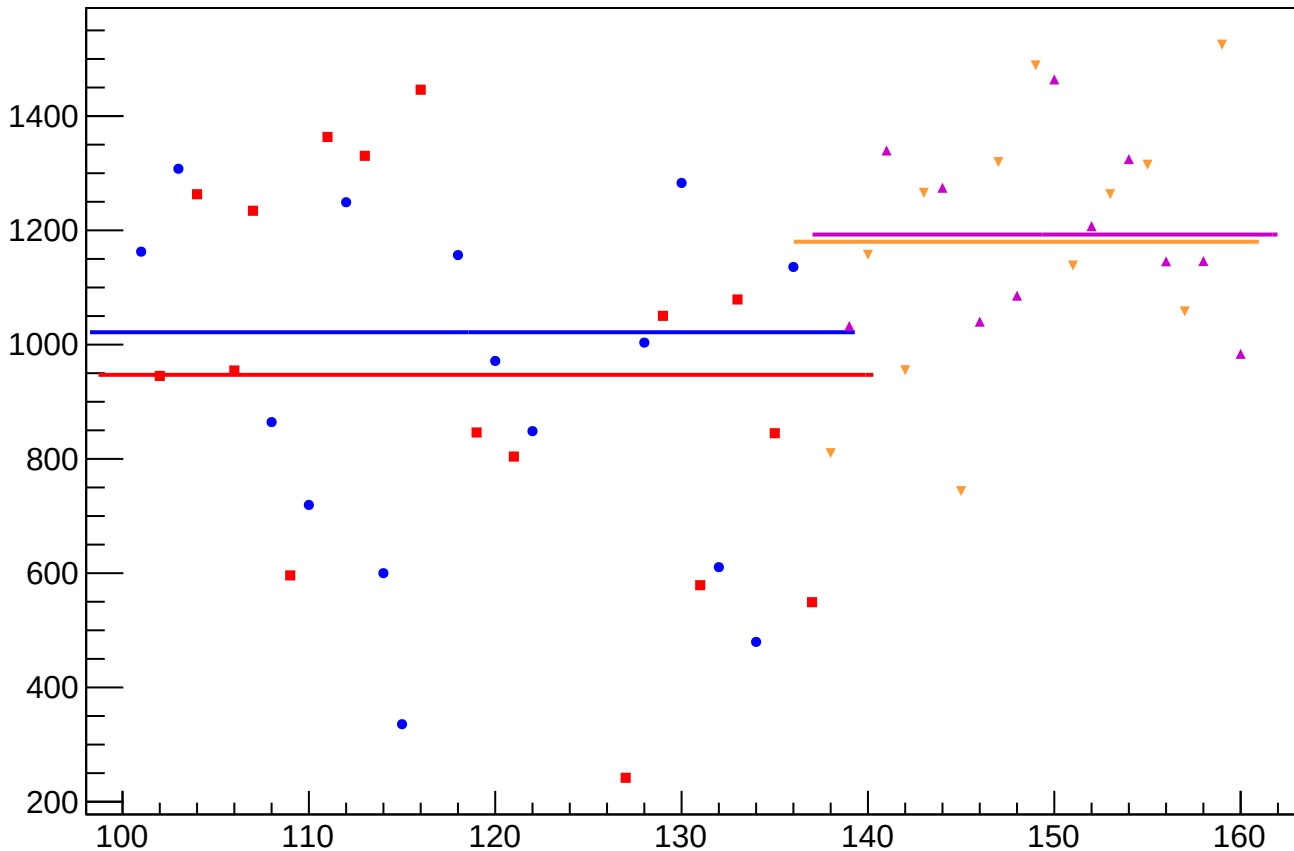
Left Out: 219.672+/-0.000 χ^2/NDF : 2455507522676926762328692419180101632.0/11

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

All: 247.353+/-0.000 χ^2/NDF : 621333161030

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

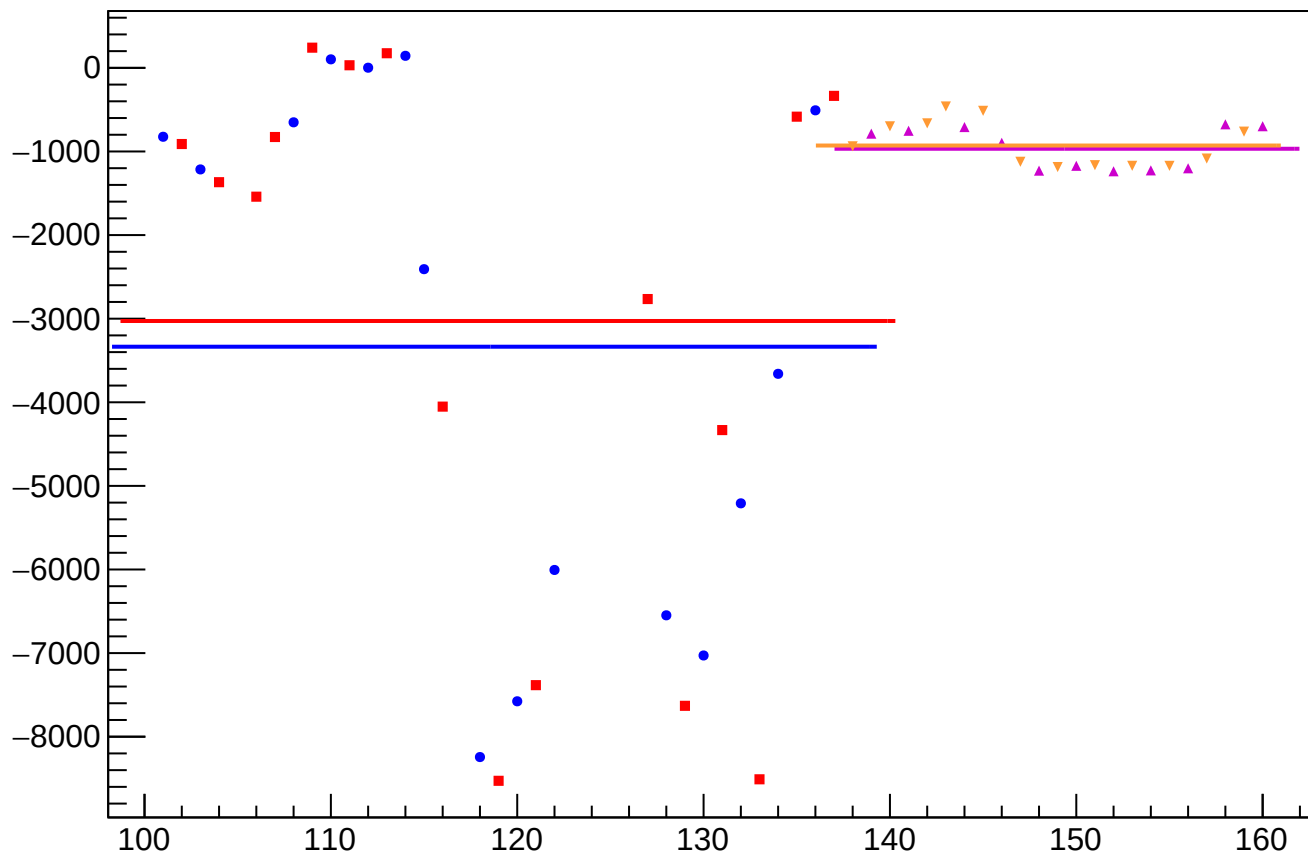
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

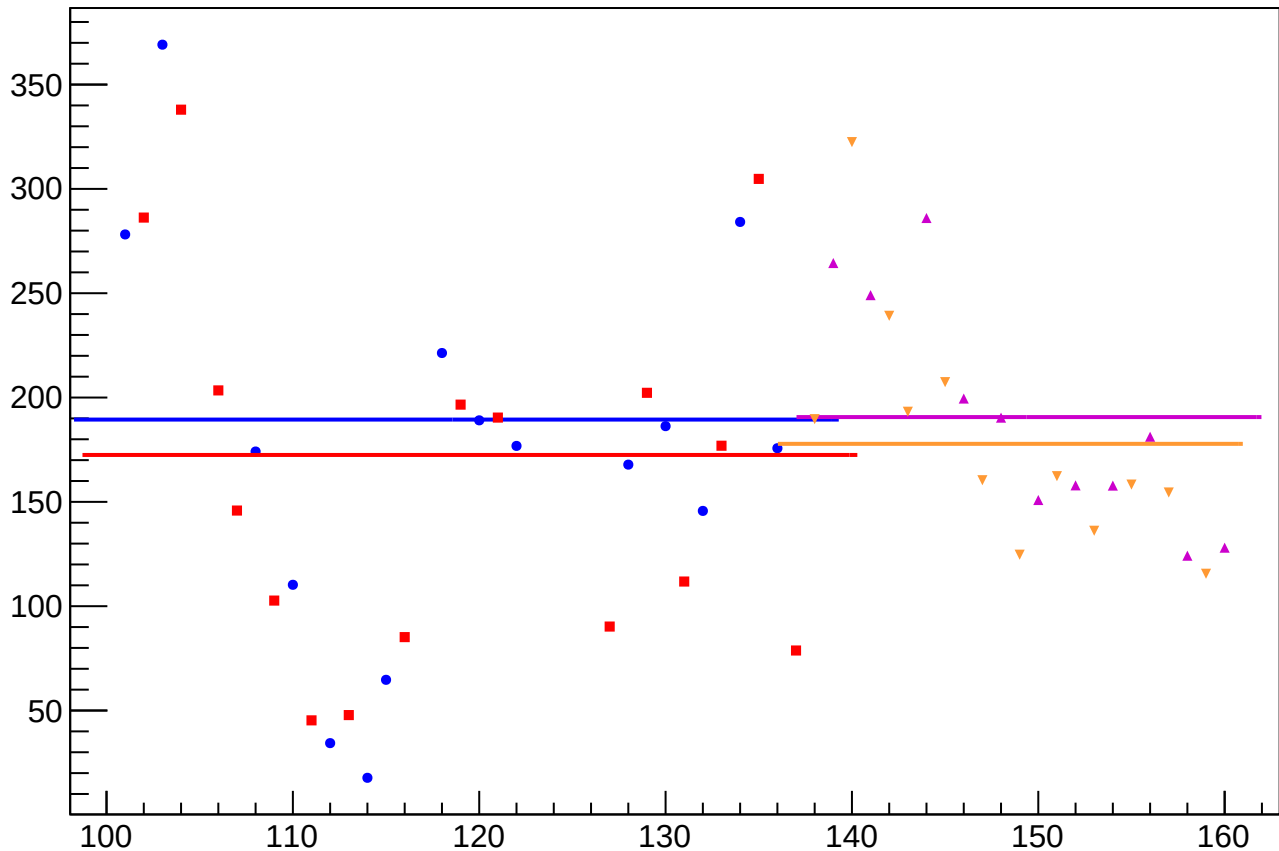
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam8_coil7_mean vs Slug



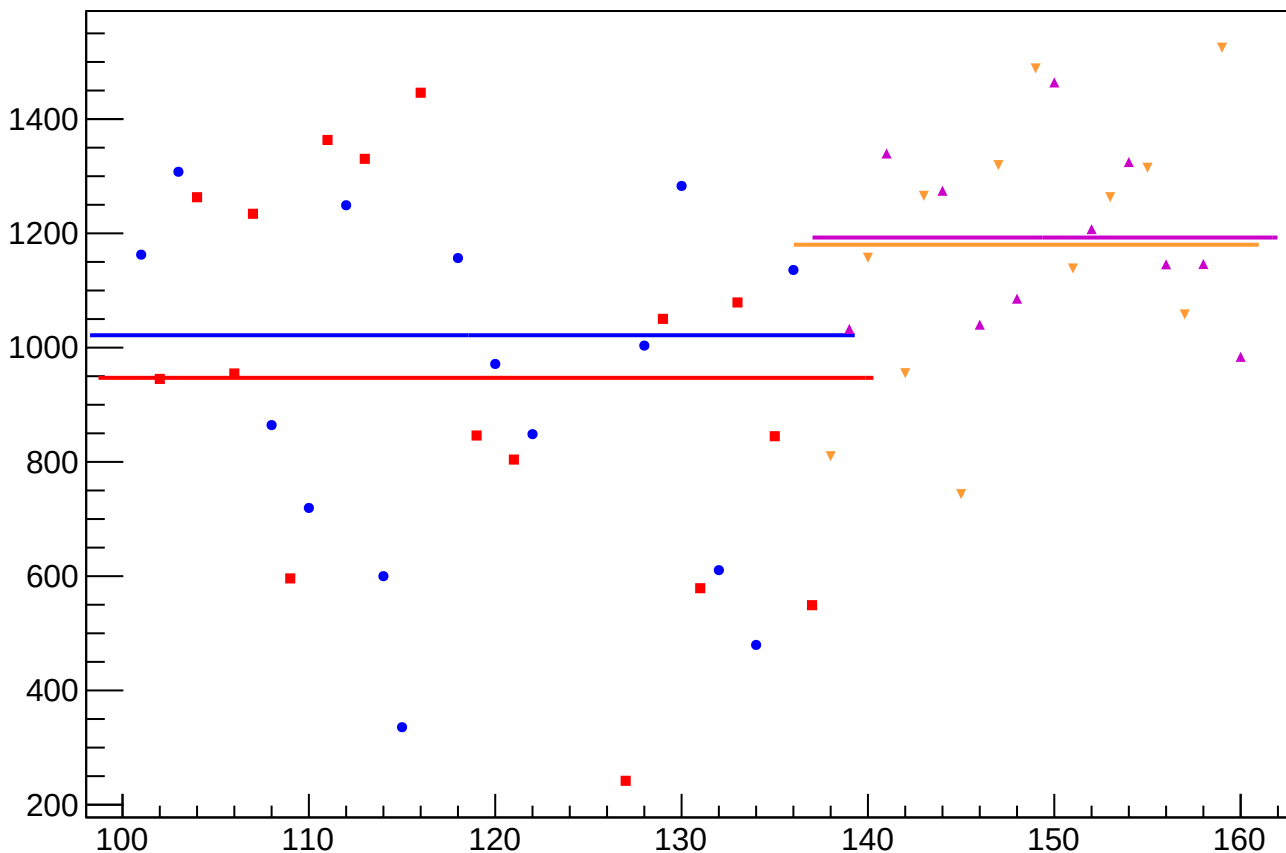
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -928.862+/-0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568+/-0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442 $\pm$ 0.000	χ^2 /NDF: 4707234253929700721726064108794544128.0/14	+ sign 182.640 $\pm$ 0.000	χ^2 /NDF: 755196649084906
Left Out: 177.811 $\pm$ 0.000	χ^2 /NDF: 2793392529927944860081581234505908224.0/11	All: 182.836 $\pm$ 0.000	χ^2 /NDF: 15810669328
Right Out: 172.485 $\pm$ 0.000	χ^2 /NDF: 5594813408996728261938711470404534272.0/15	- sign 183.029 $\pm$ 0.000	χ^2 /NDF: 825858339211044
Left In: 190.641 $\pm$ 0.000	χ^2 /NDF: 2536070386684067132001548898091925504.0/10		

dit_sam8_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

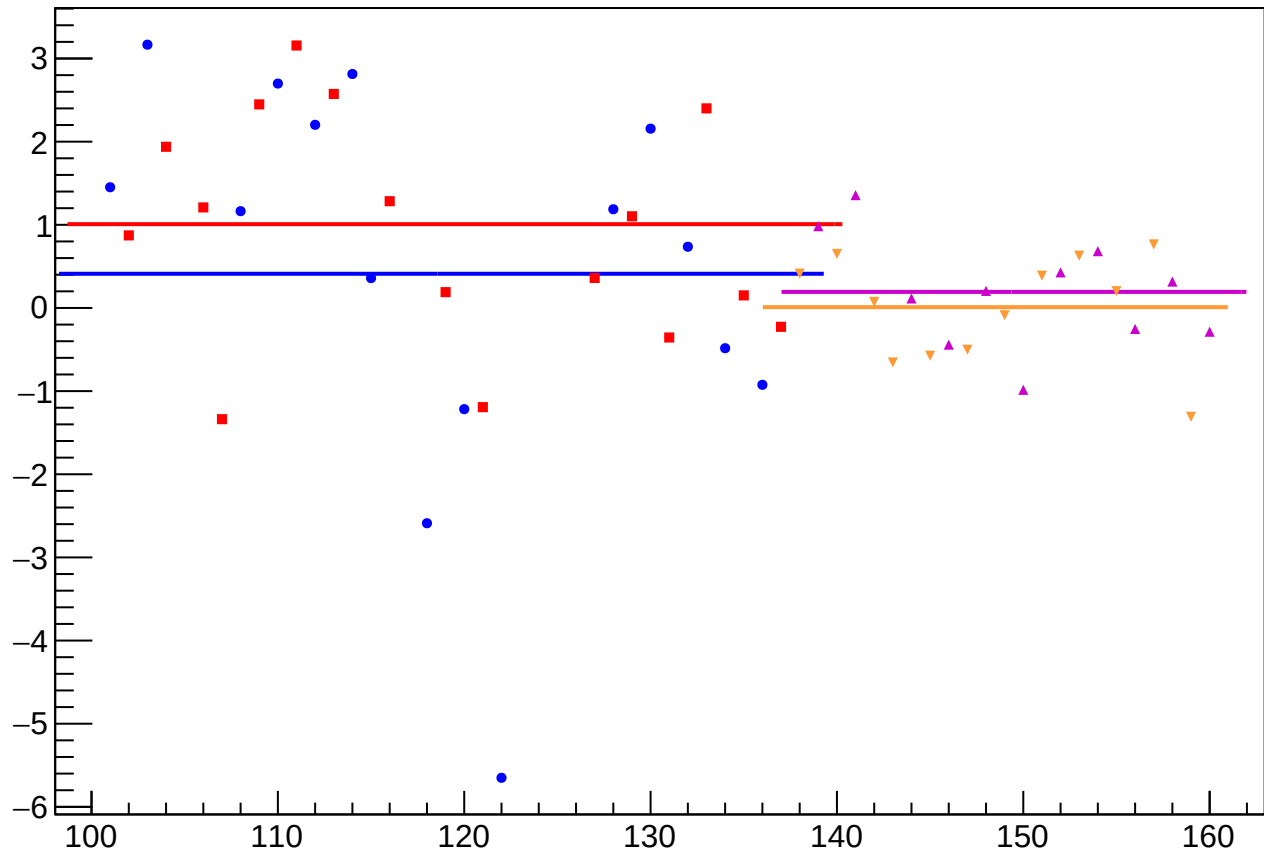
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

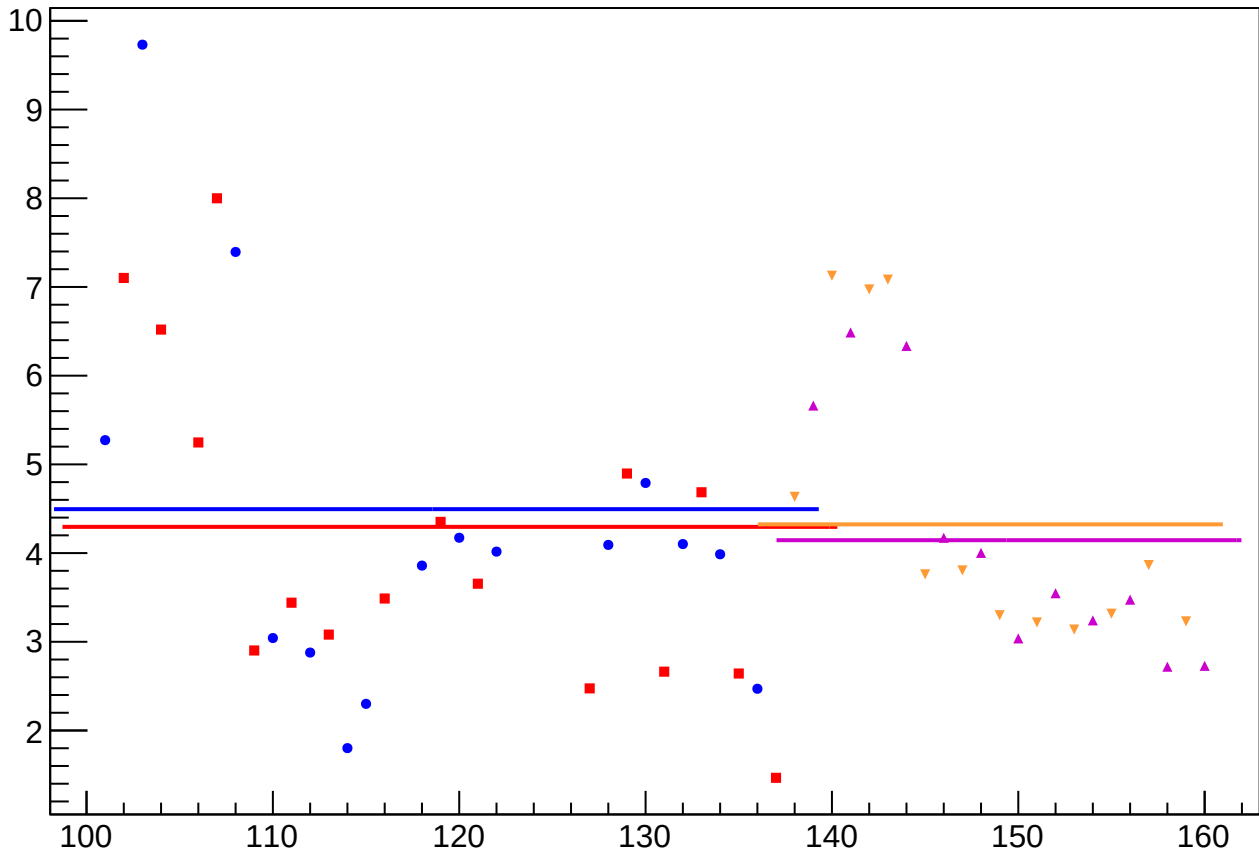
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aX_coil4_mean vs Slug



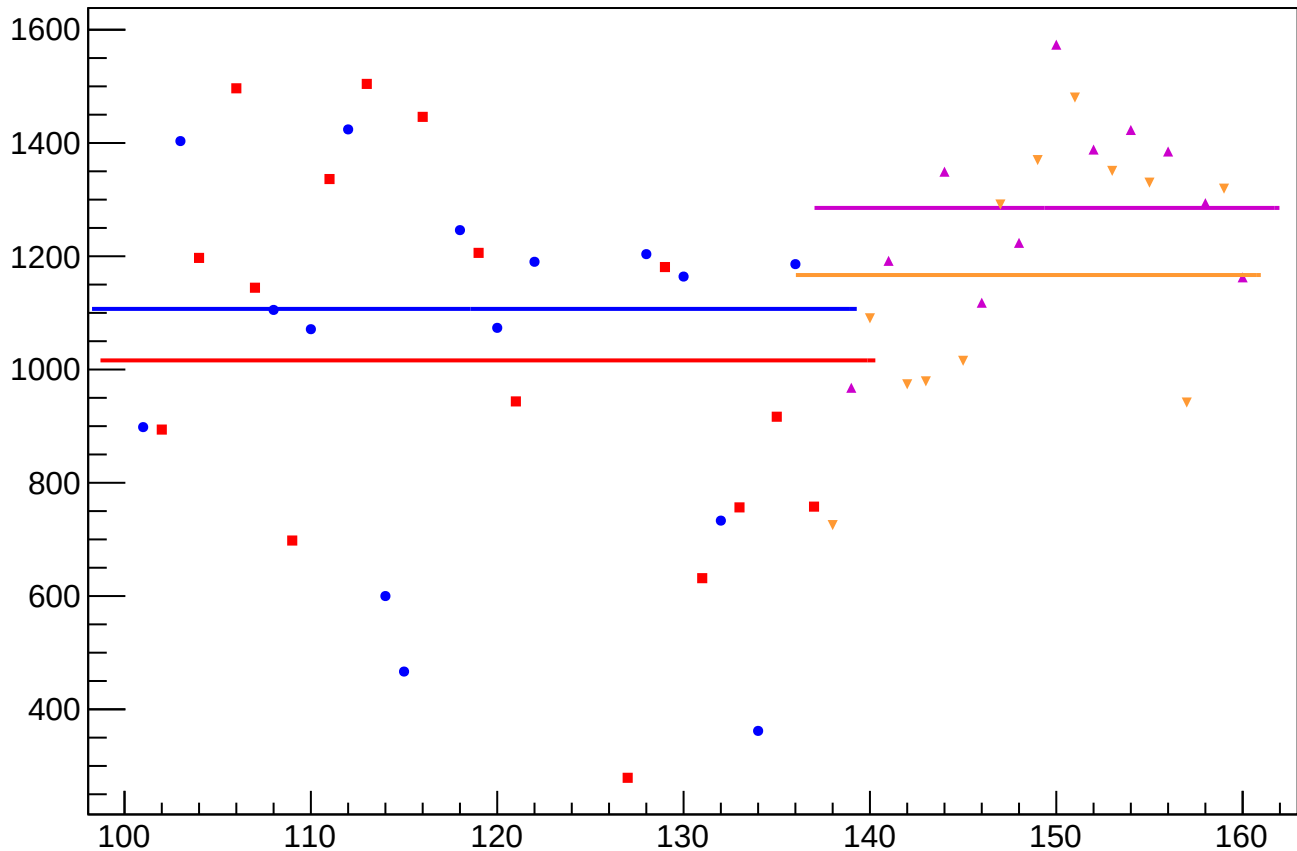
Right In: 0.411+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: 0.010+/-0.000 χ^2/NDF : 354573516648160349272665694928896.0/11
 Right Out: 1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: 0.193+/-0.000 χ^2/NDF : 386133523330033860307880234713088.0/10

dit_4aX_coil4_err_mean vs Slug



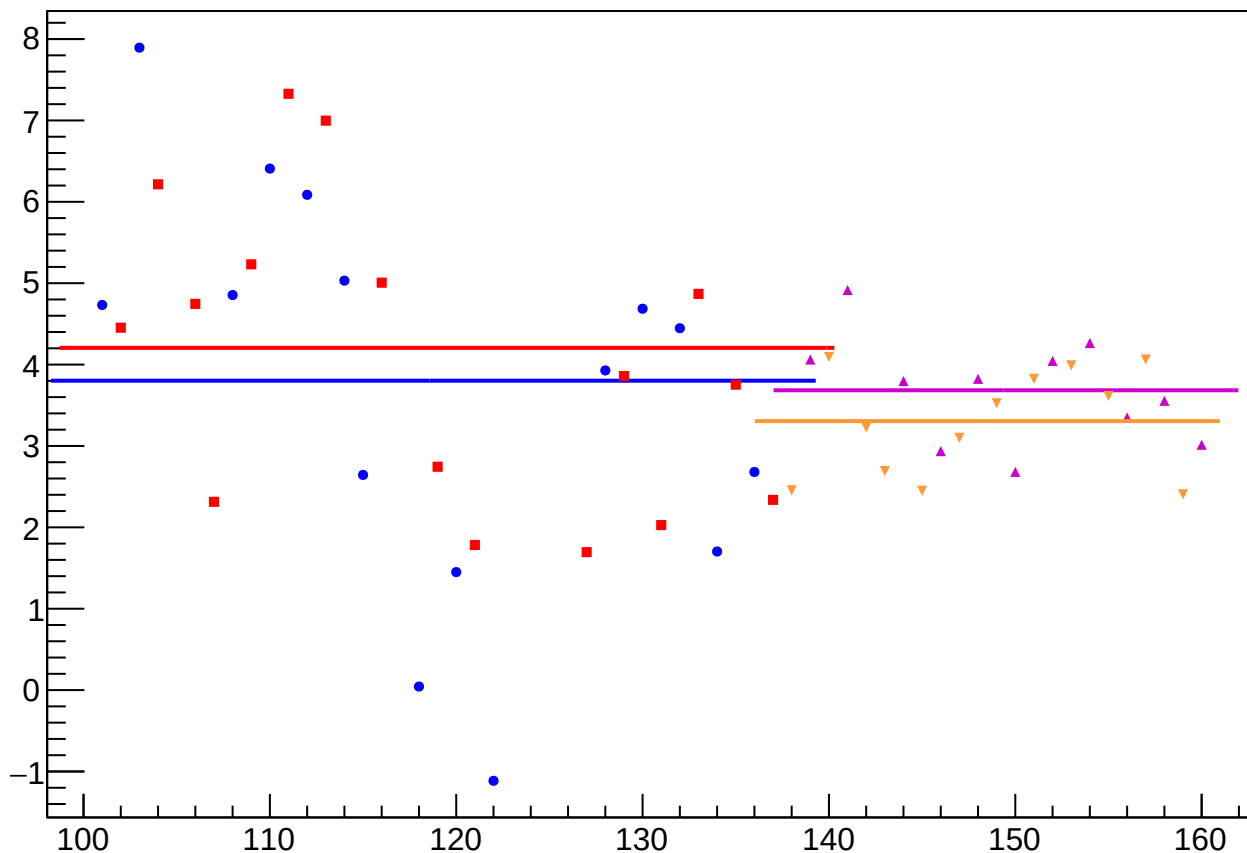
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

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

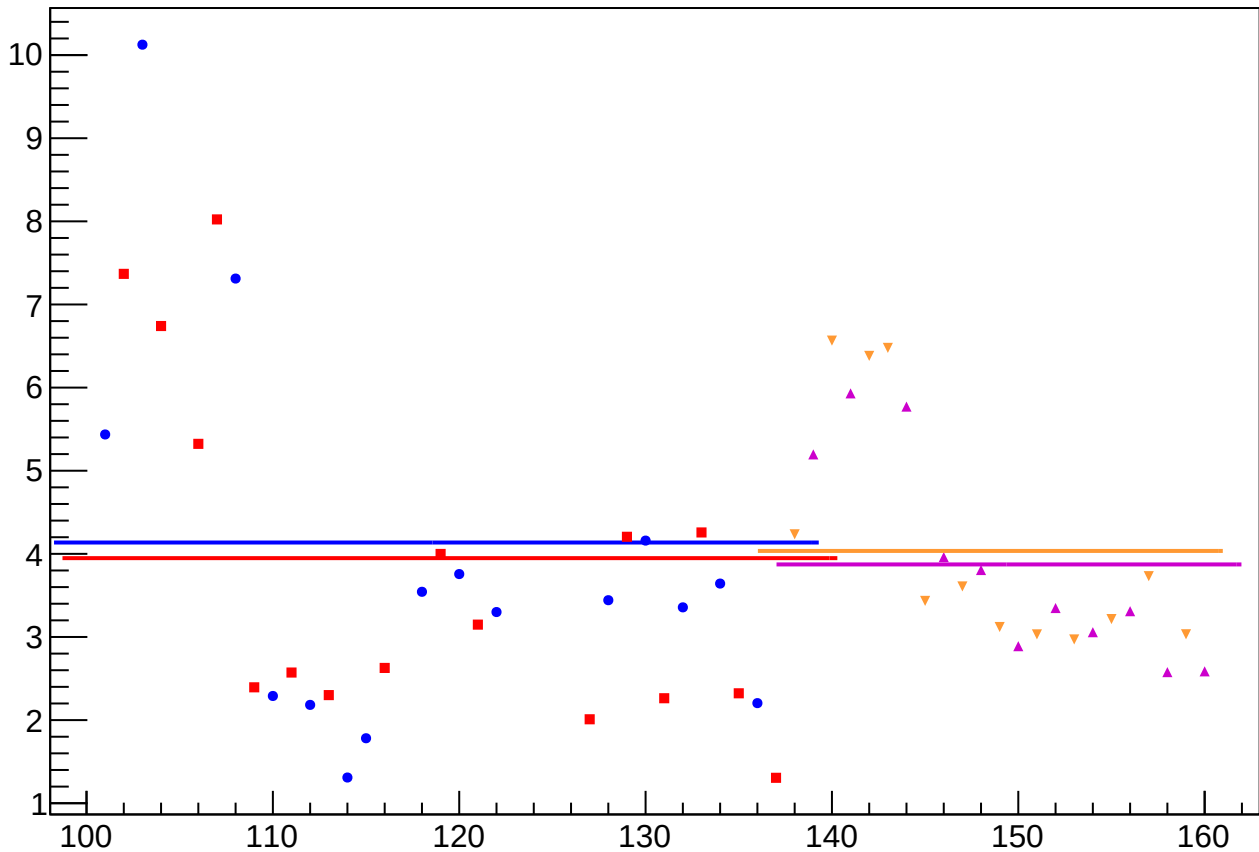
dit_4eX_coil4_mean vs Slug



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

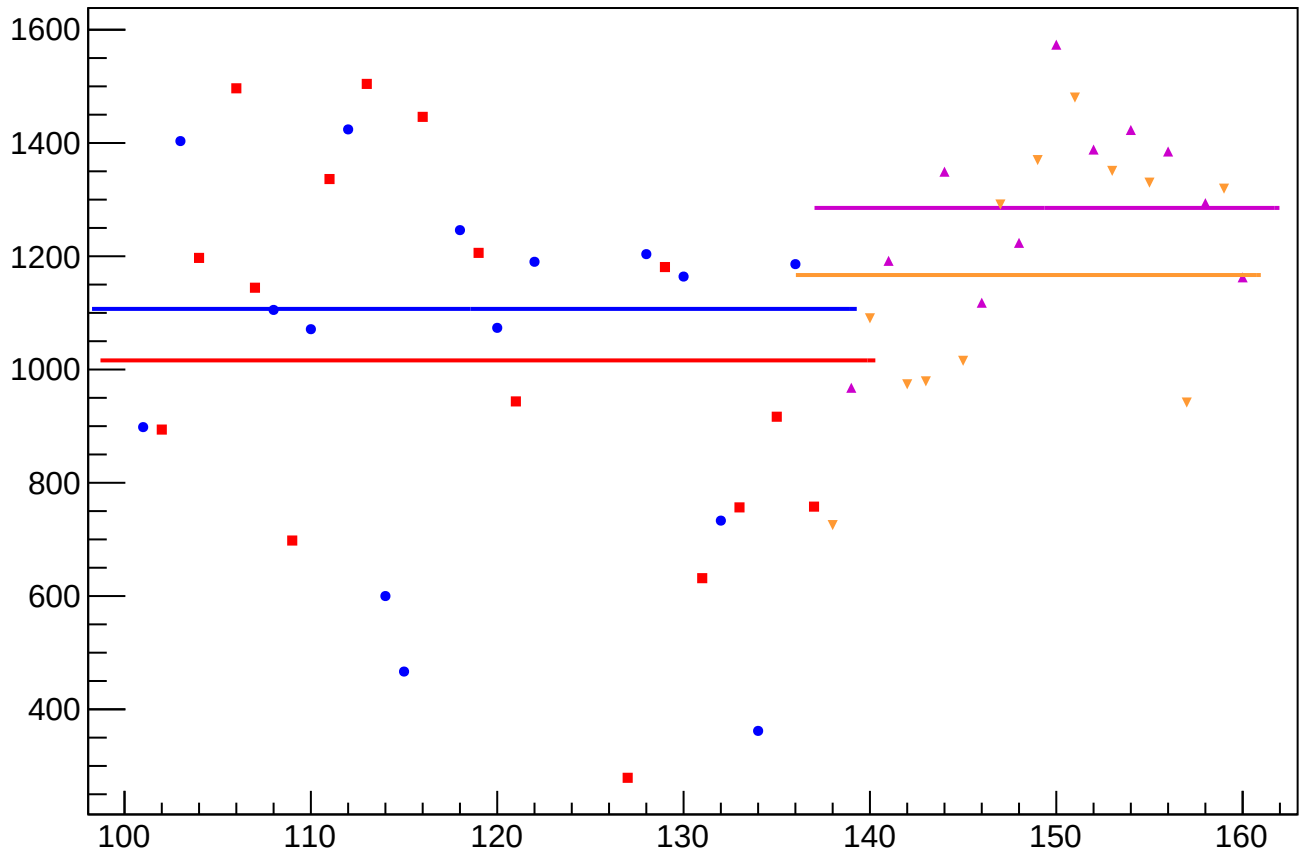
+ sign 3.512+/-0.000 χ^2/NDF : 42645411605619782
 All: 3.709+/-0.000 χ^2/NDF : 6952977853900
 - sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

dit_4eX_coil4_err_mean vs Slug



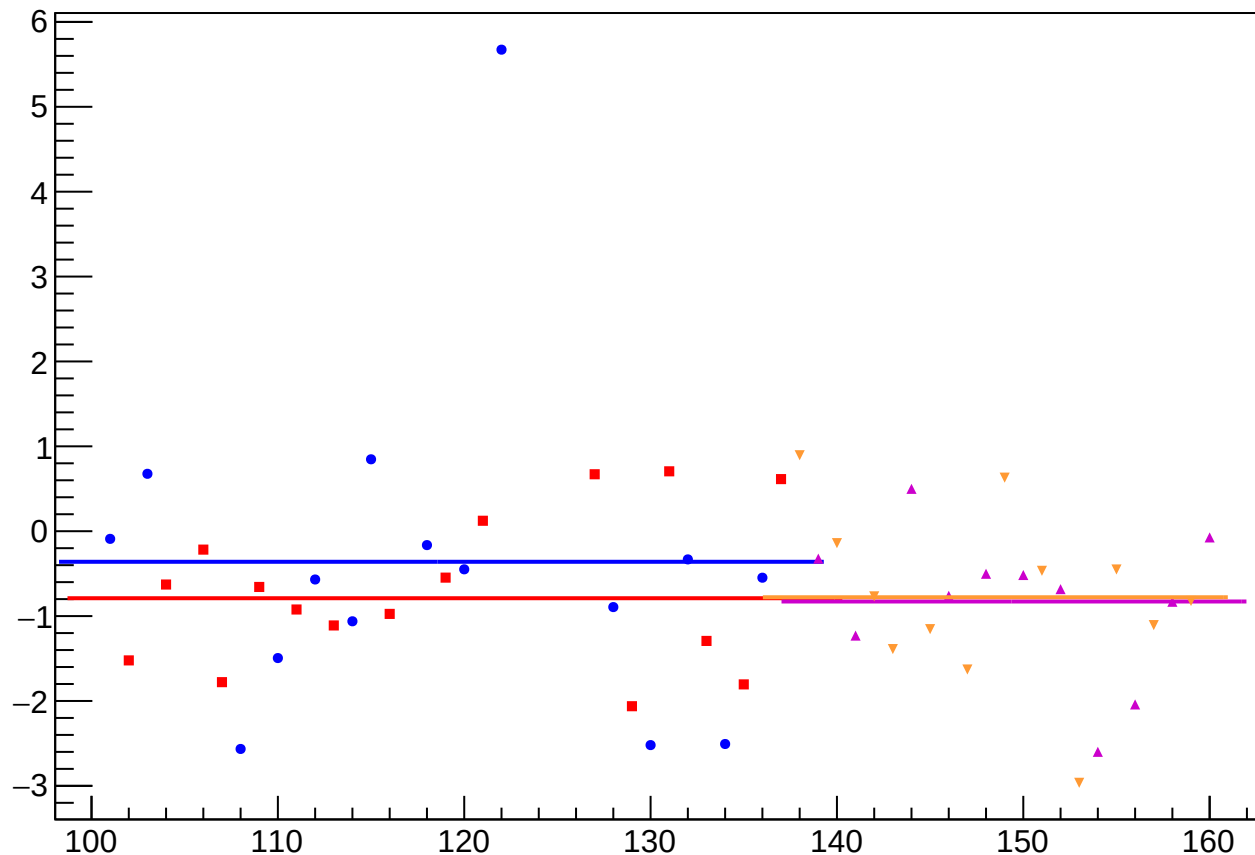
Right In: 4.136 $\pm$ 0.000 χ^2 /NDF: 3507600624388663919898505496231936.0/14
 Left Out: 4.035 $\pm$ 0.000 χ^2 /NDF: 1609299061352578548486150138363904.0/11
 Right Out: 3.948 $\pm$ 0.000 χ^2 /NDF: 2670176783942302028345551100051456.0/15
 Left In: 3.873 $\pm$ 0.000 χ^2 /NDF: 1278598291391127694323835331411968.0/10

dit_4eX_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_11X12X_coil4_mean vs Slug



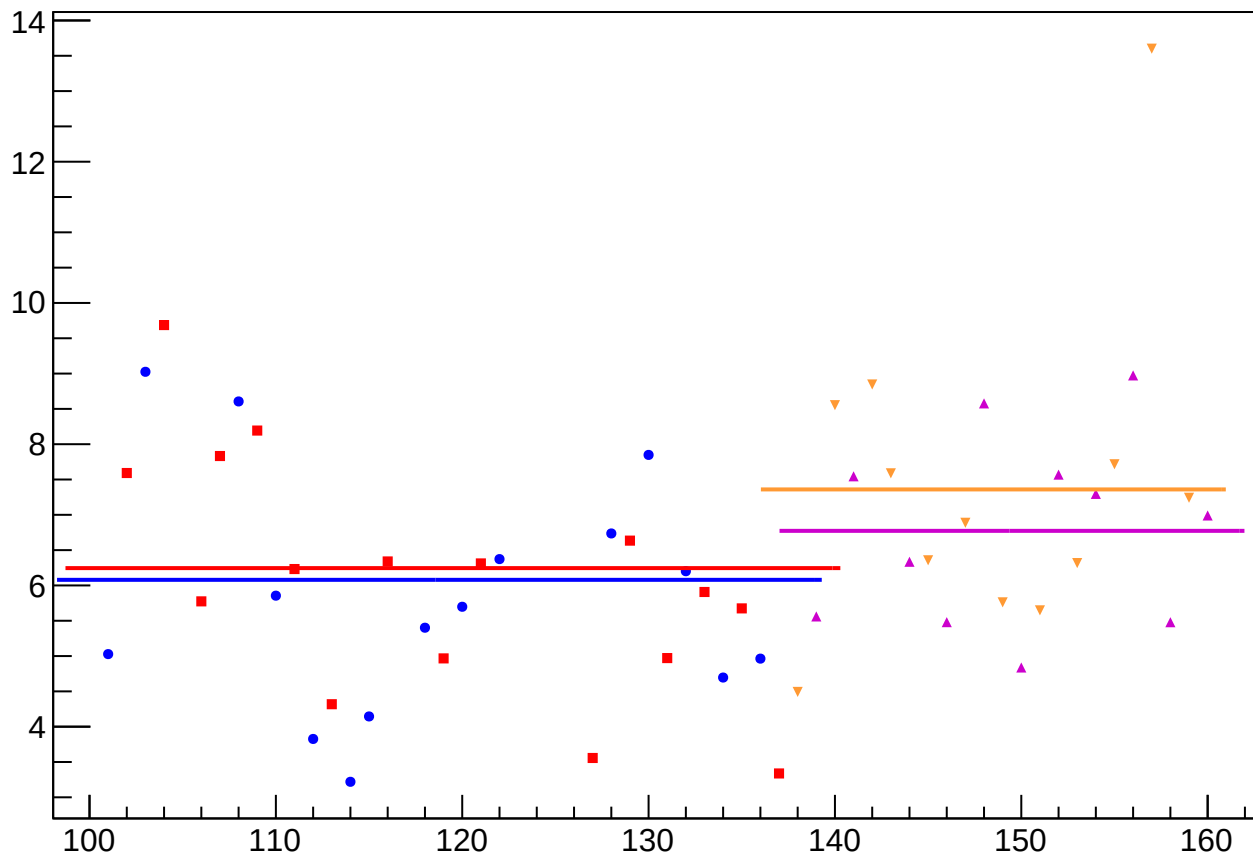
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

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

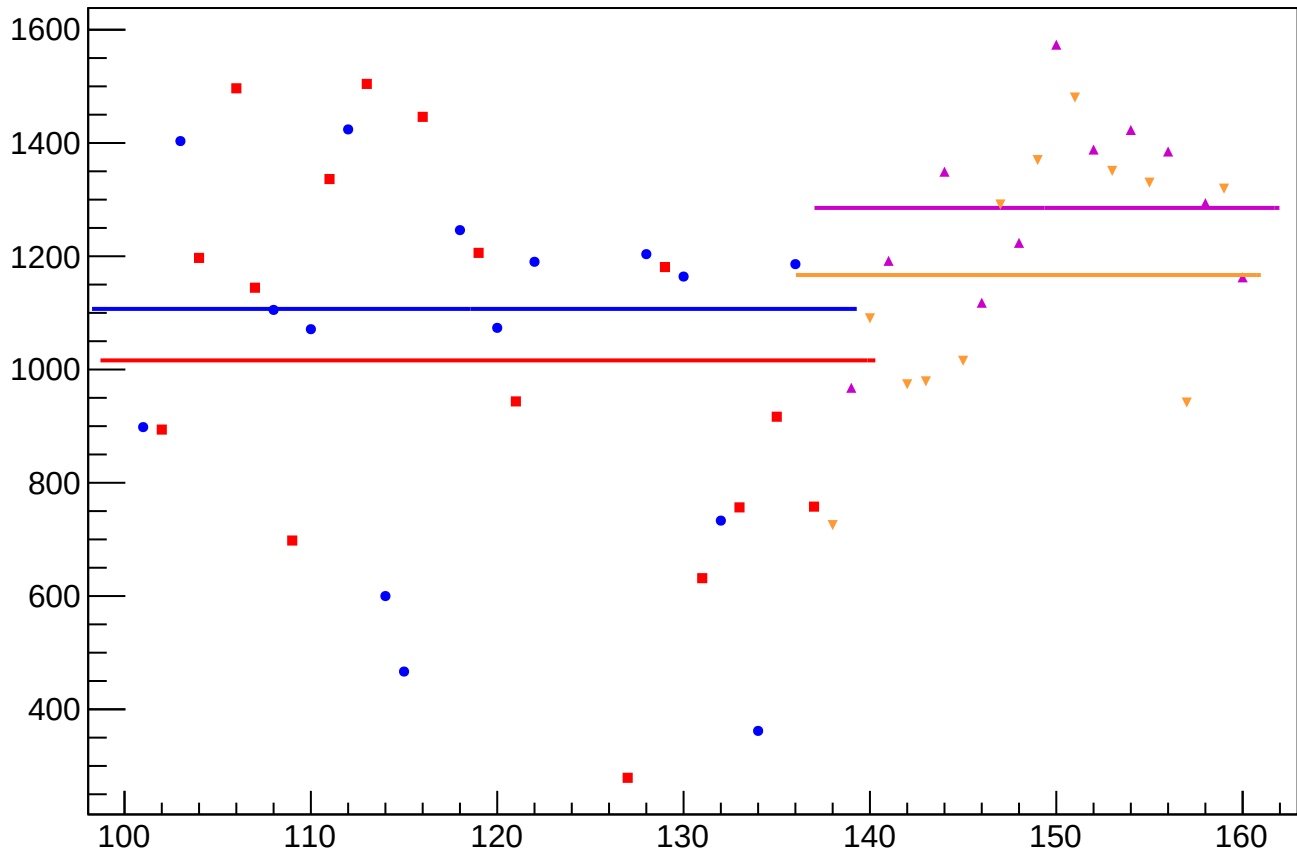
Left In: 6.773+/-0.000 χ^2/NDF : 1545880653062872635060205832372224.0/10

+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869

All: 6.689+/-0.000 χ^2/NDF : 1032305053905

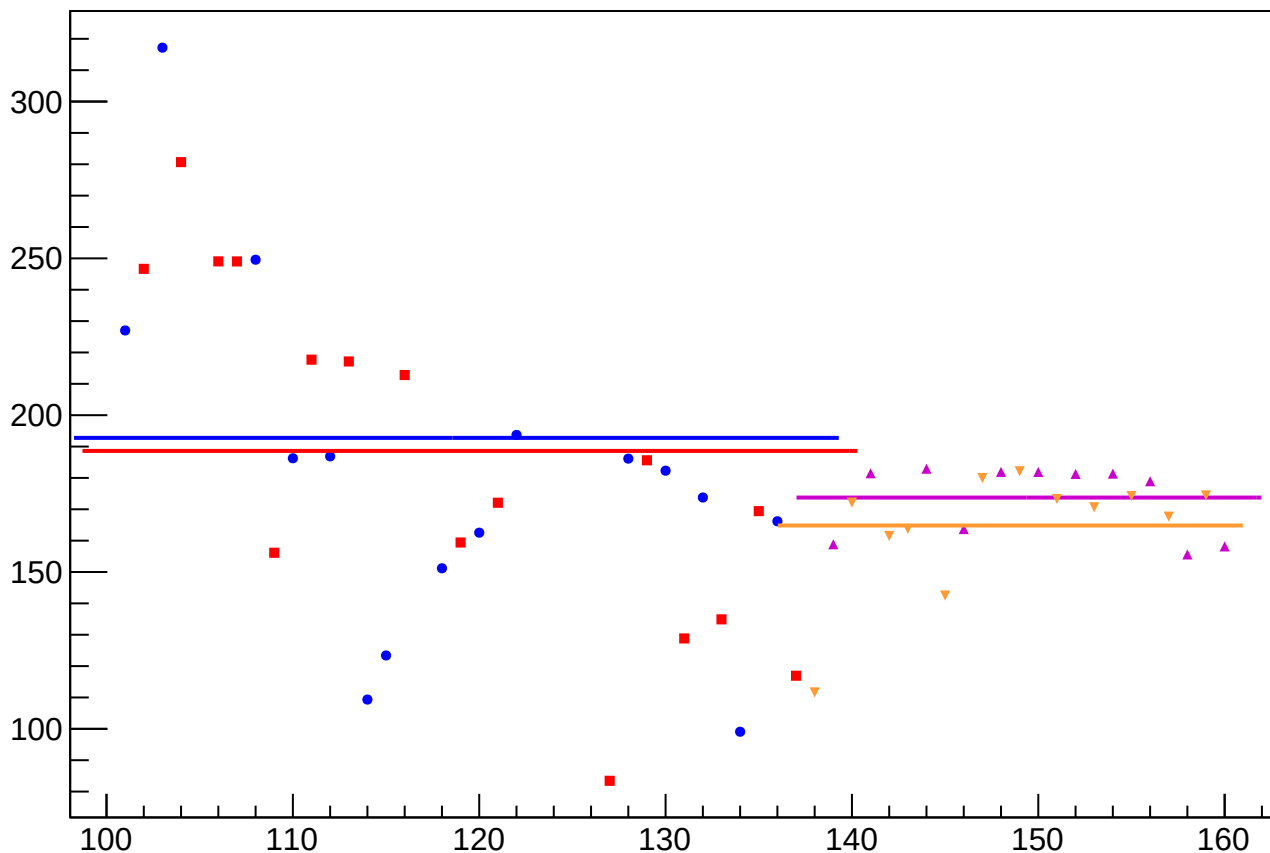
- sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 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_4aY_coil4_mean vs Slug



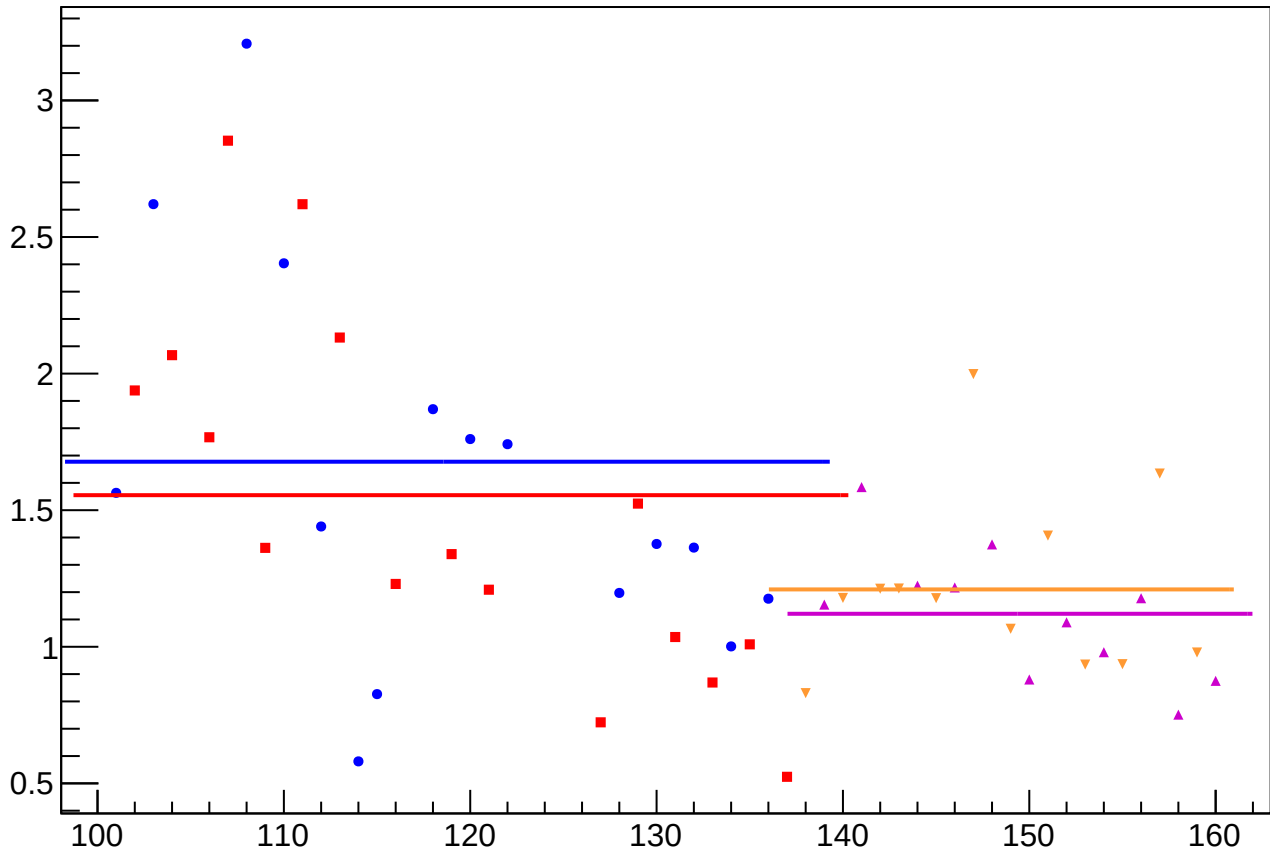
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 164.832+/-0.000 χ^2/NDF : 331248867631864480349687016910225408.0/11

Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

dit_4aY_coil4_err_mean vs Slug



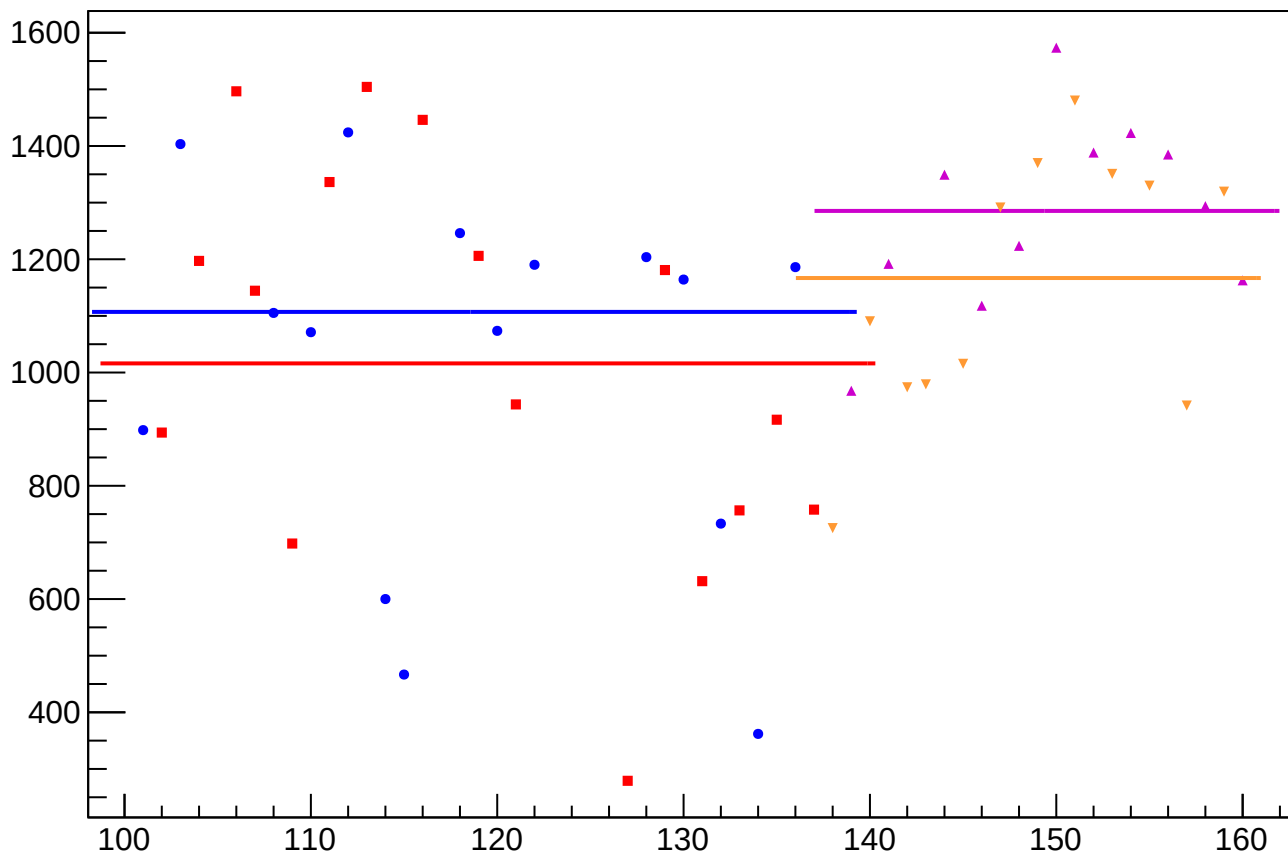
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

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

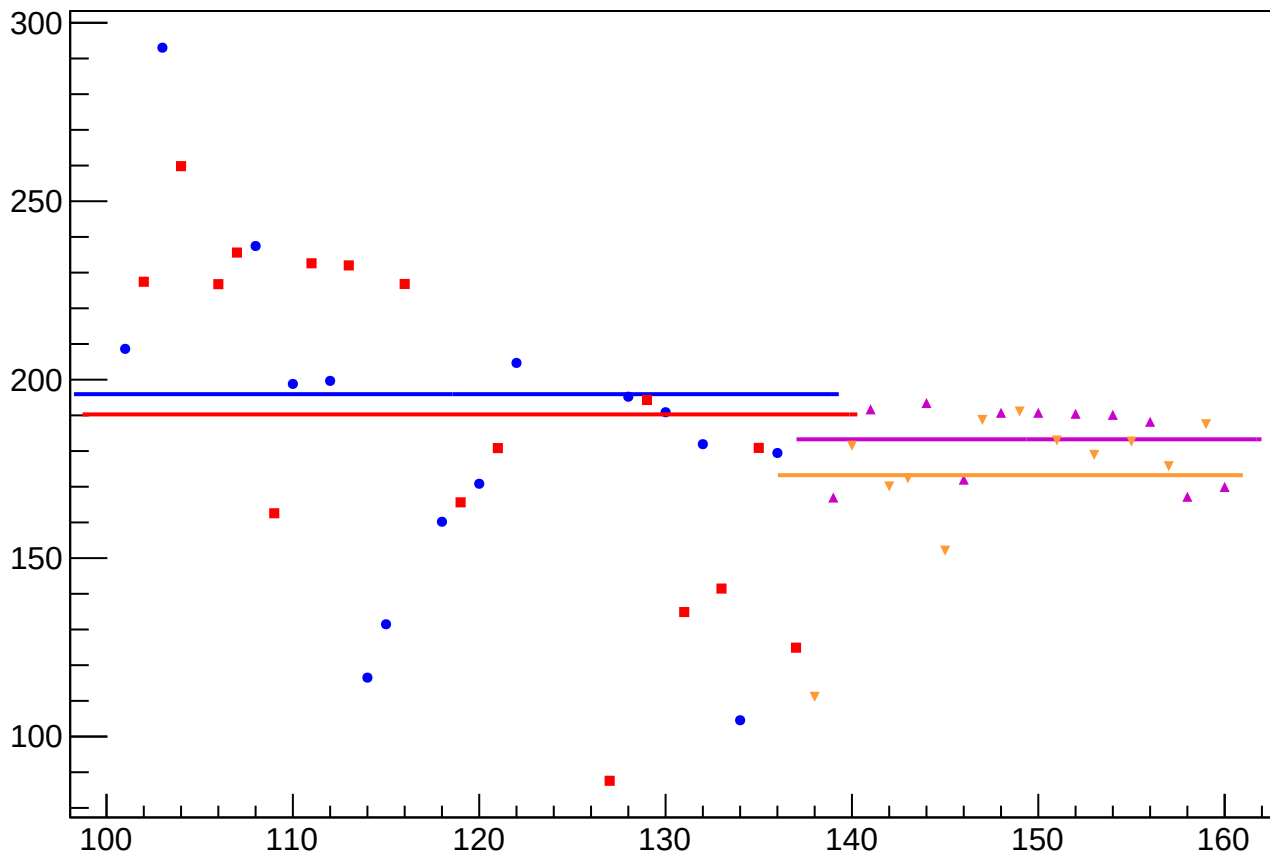
Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

+ 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_4eY_coil4_mean vs Slug



Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 173.245 $\pm$ 0.000 χ^2 /NDF: 421189743022312956779621222954565632.0/11

Right Out: 190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15

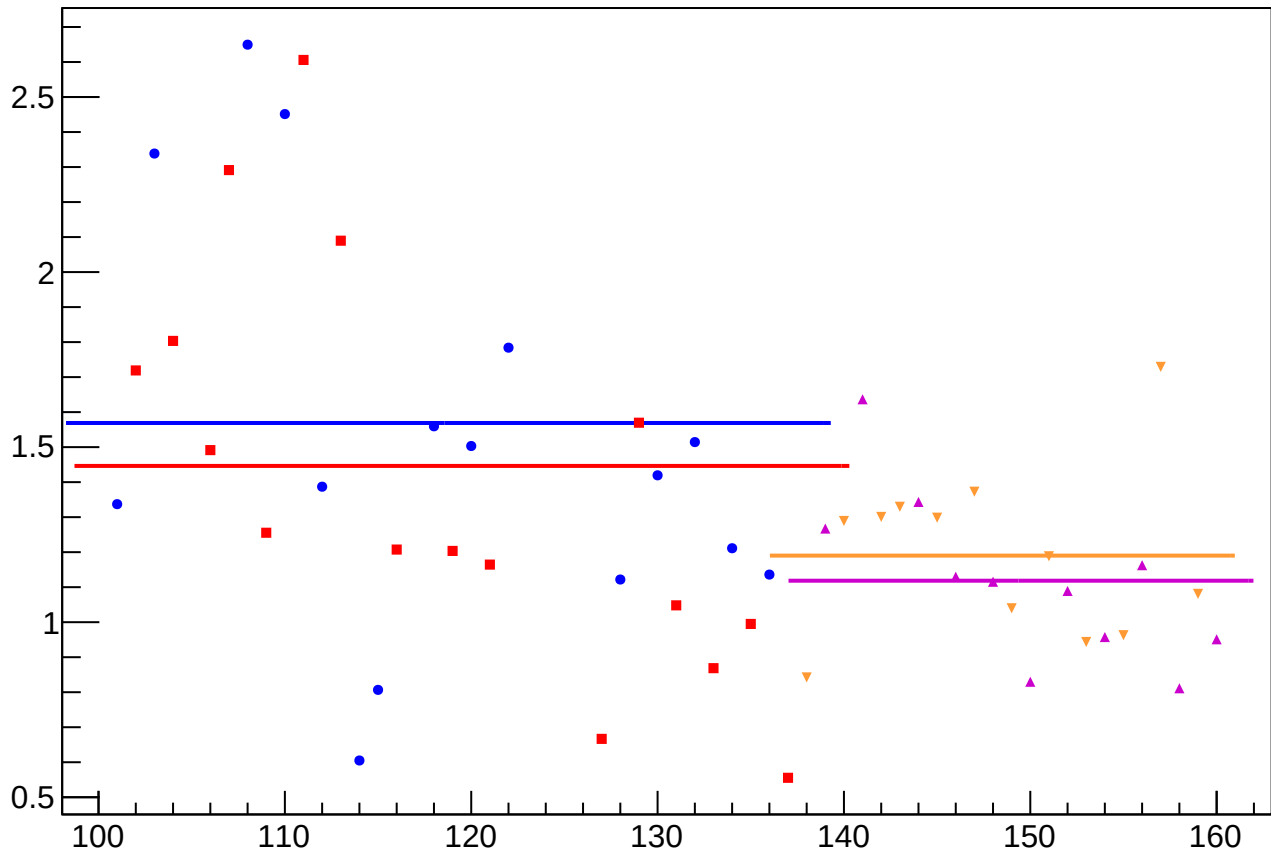
Left In: 183.290 $\pm$ 0.000 χ^2 /NDF: 101738841511111417821042611832487936.0/10

+ sign 182.669 $\pm$ 0.000 χ^2 /NDF: 167456742062075

All: 184.458 $\pm$ 0.000 χ^2 /NDF: 327355677904

- sign 186.216 $\pm$ 0.000 χ^2 /NDF: 158906987548328

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.190 $\pm$ 0.000 χ^2 /NDF: 50745822936032217336144814145536.0/11

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

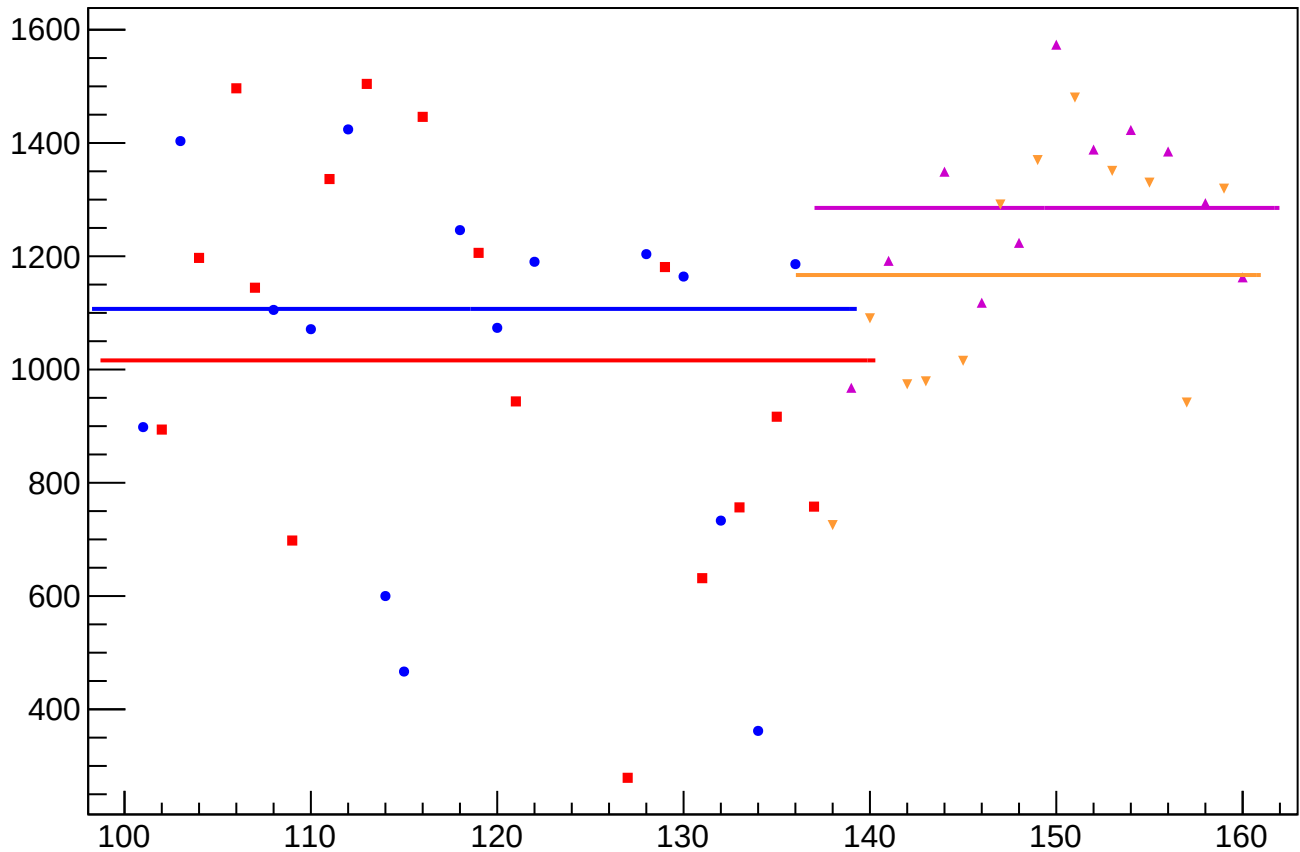
Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

+ sign 1.347 $\pm$ 0.000 χ^2 /NDF: 26805645085959175

All: 1.301 $\pm$ 0.000 χ^2 /NDF: 56157588721998

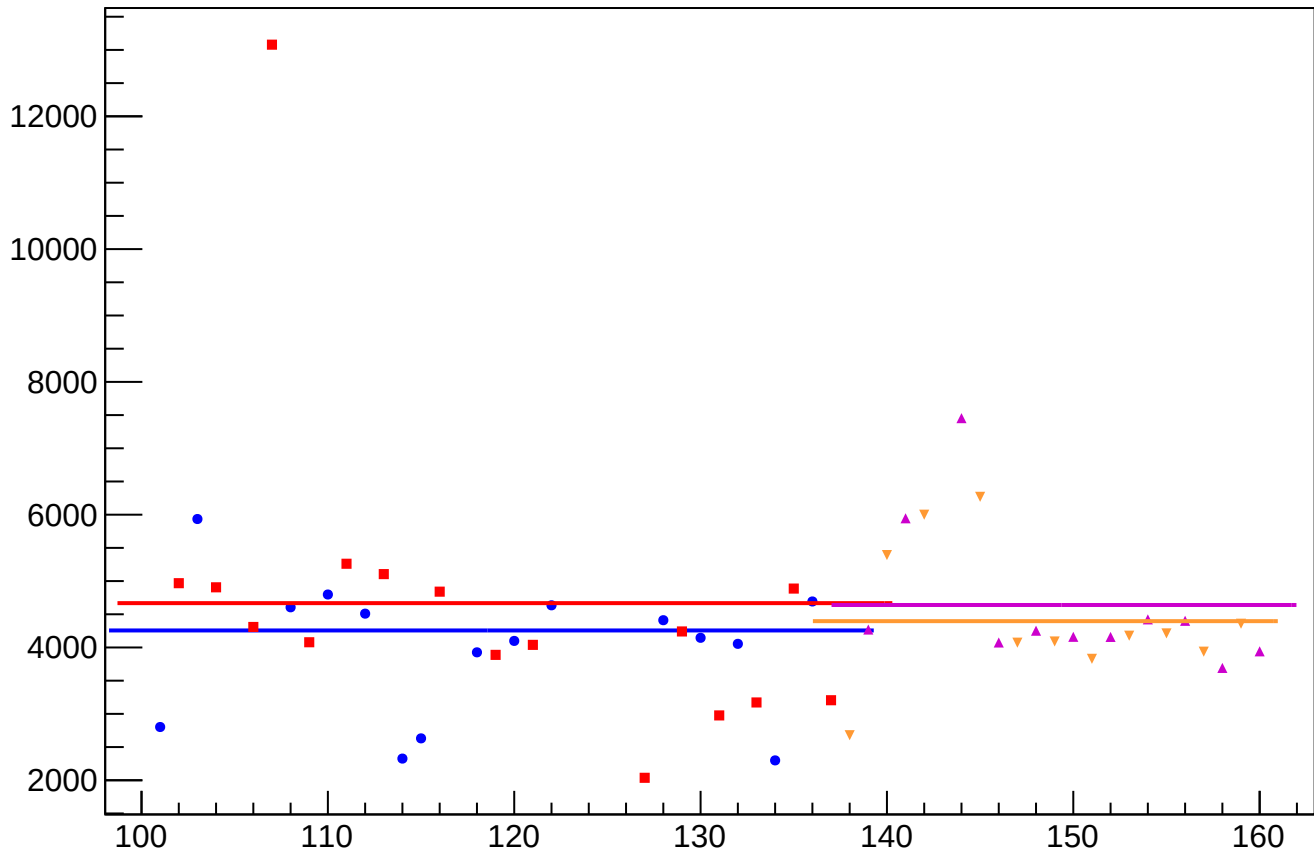
- sign 1.256 $\pm$ 0.000 χ^2 /NDF: 28690992559145743

dit_4eY_coil4_Ndata_mean vs Slug



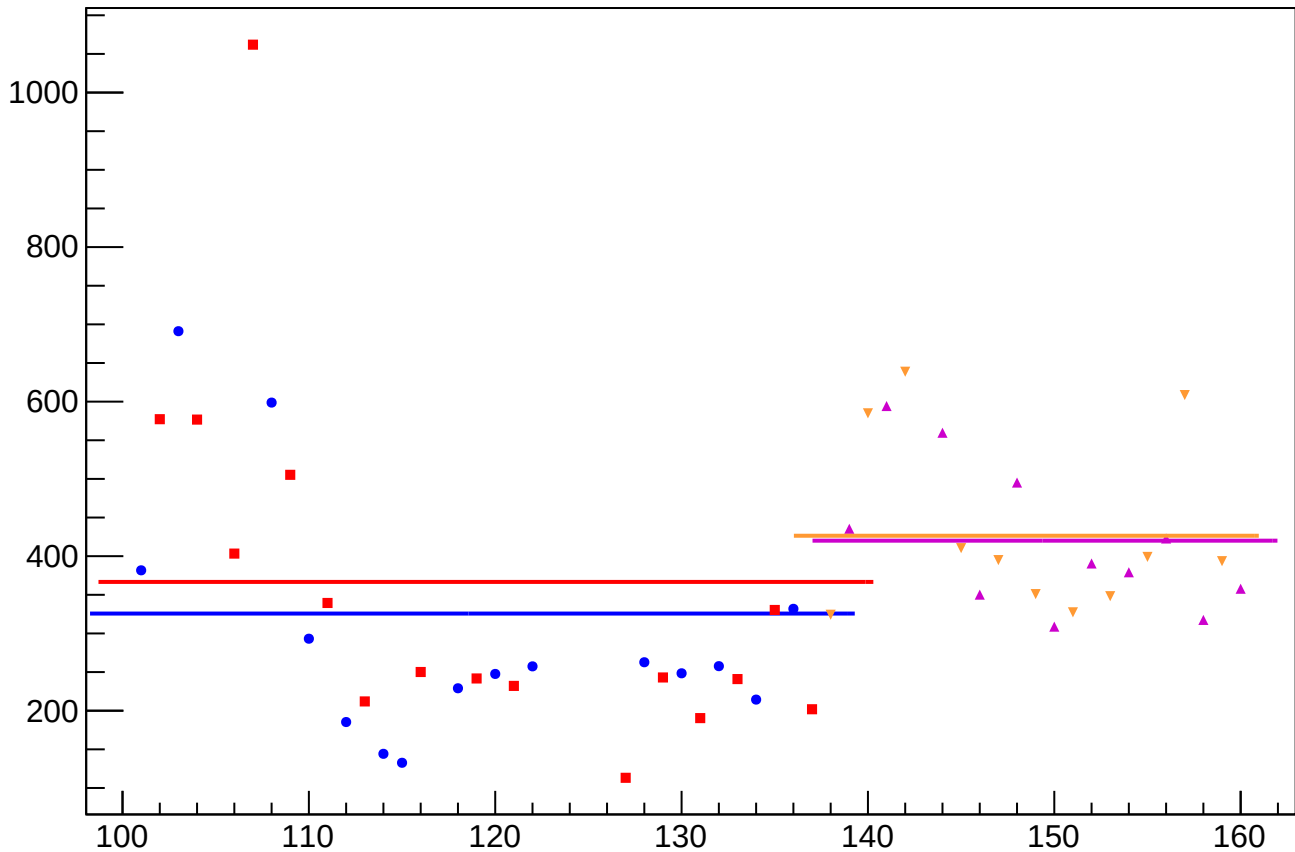
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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_usl_coil4_mean vs Slug



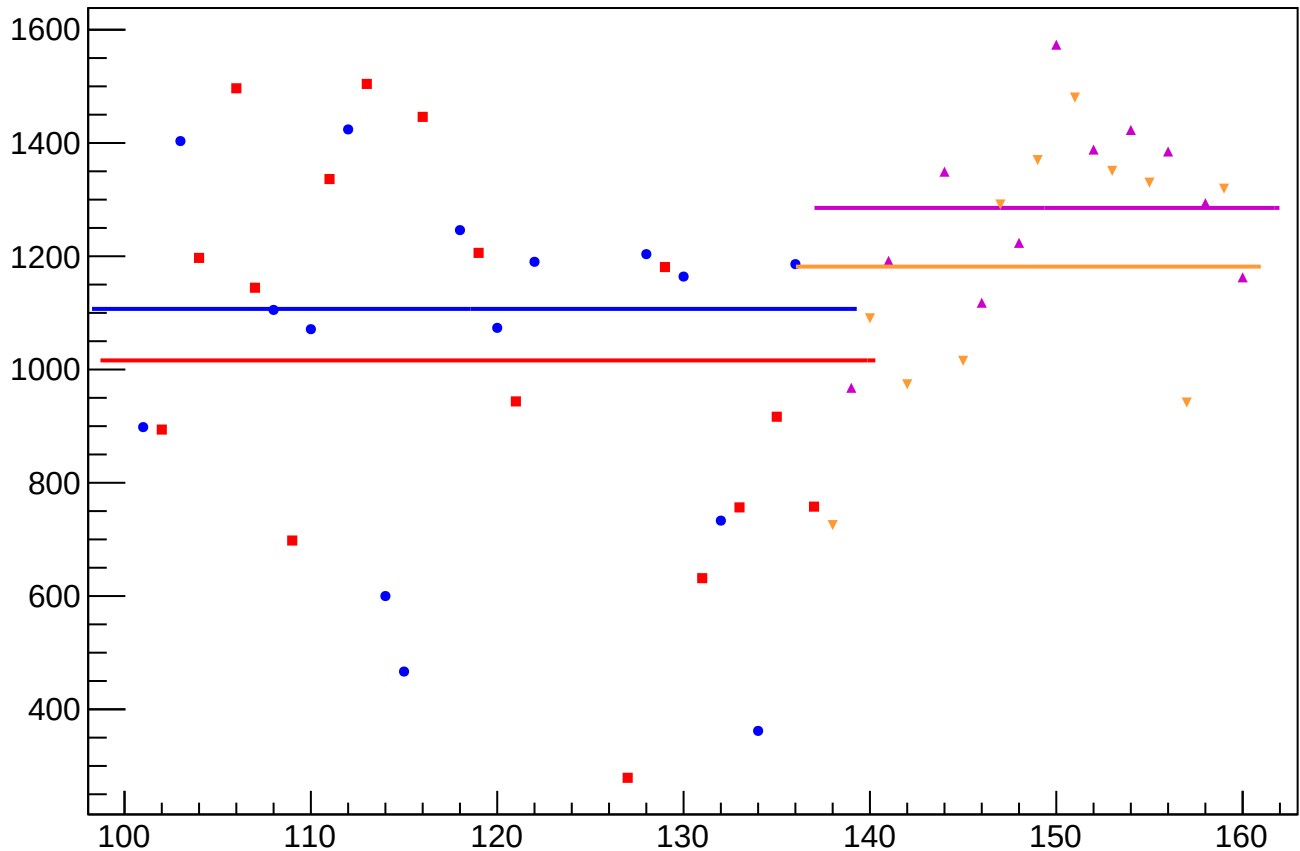
Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14	+ sign 4335.661+/-0.000	χ^2/NDF : 12734954654857
Left Out: 4396.403+/-0.000	χ^2/NDF : 767686308157486440179100240552638021632.0/10	All: 4498.481+/-0.000	χ^2/NDF : 56111214278
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15	- 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



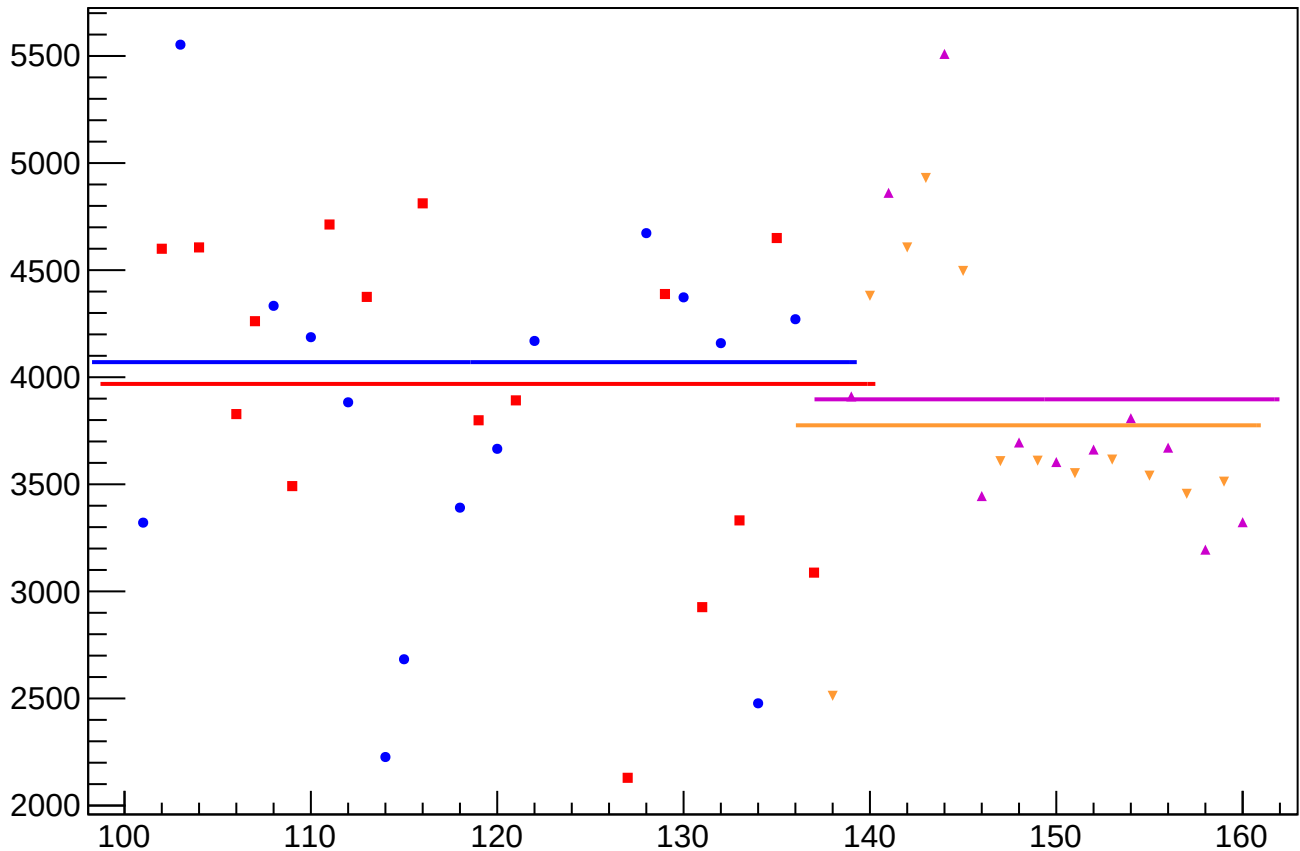
Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14
 Left Out: 426.446+/-0.000 χ^2/NDF : 9564737566607591468000084323542761472.0/10
 Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15
 Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721 $\pm$ 0.000 χ^2 /NDF: 42102883856321275256821029062509068288.0/10
 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

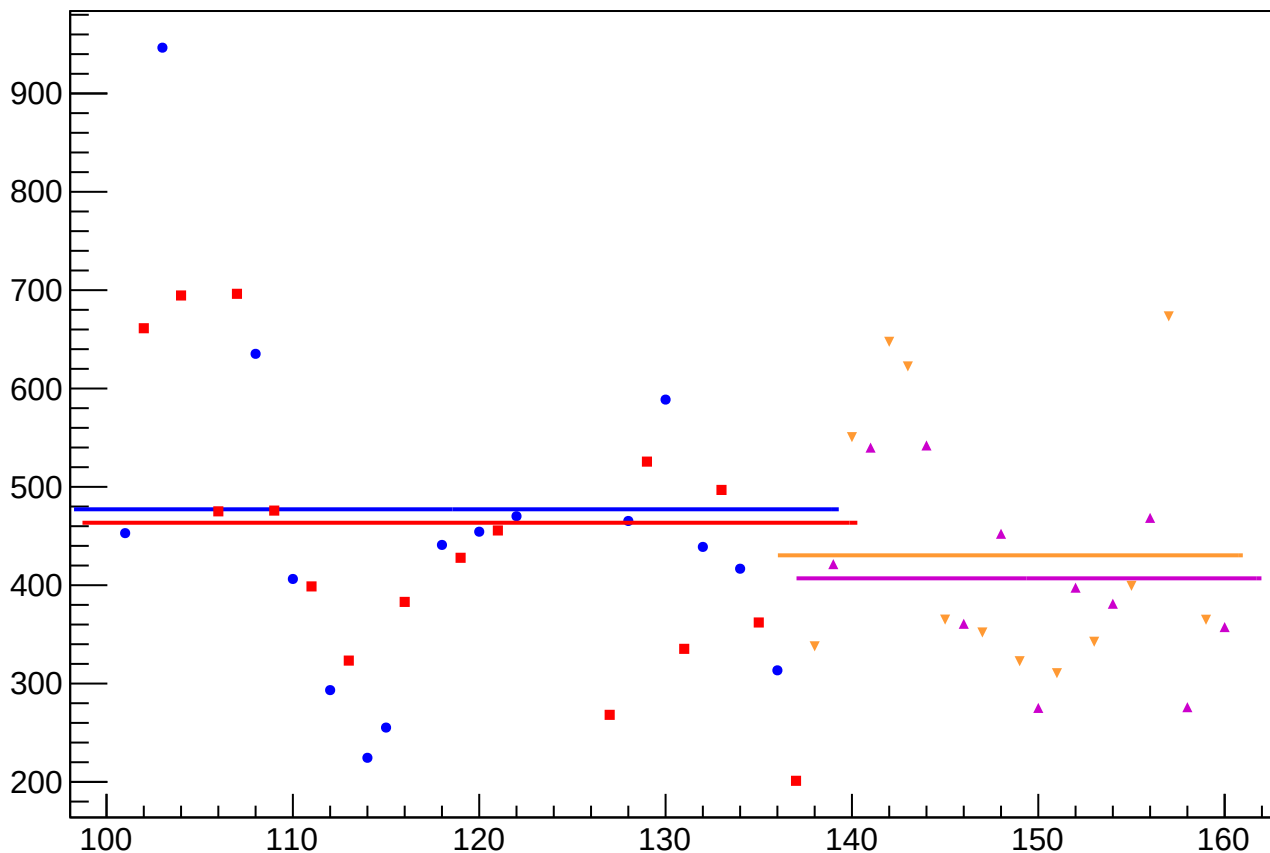
dit_usr_coil4_mean vs Slug



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

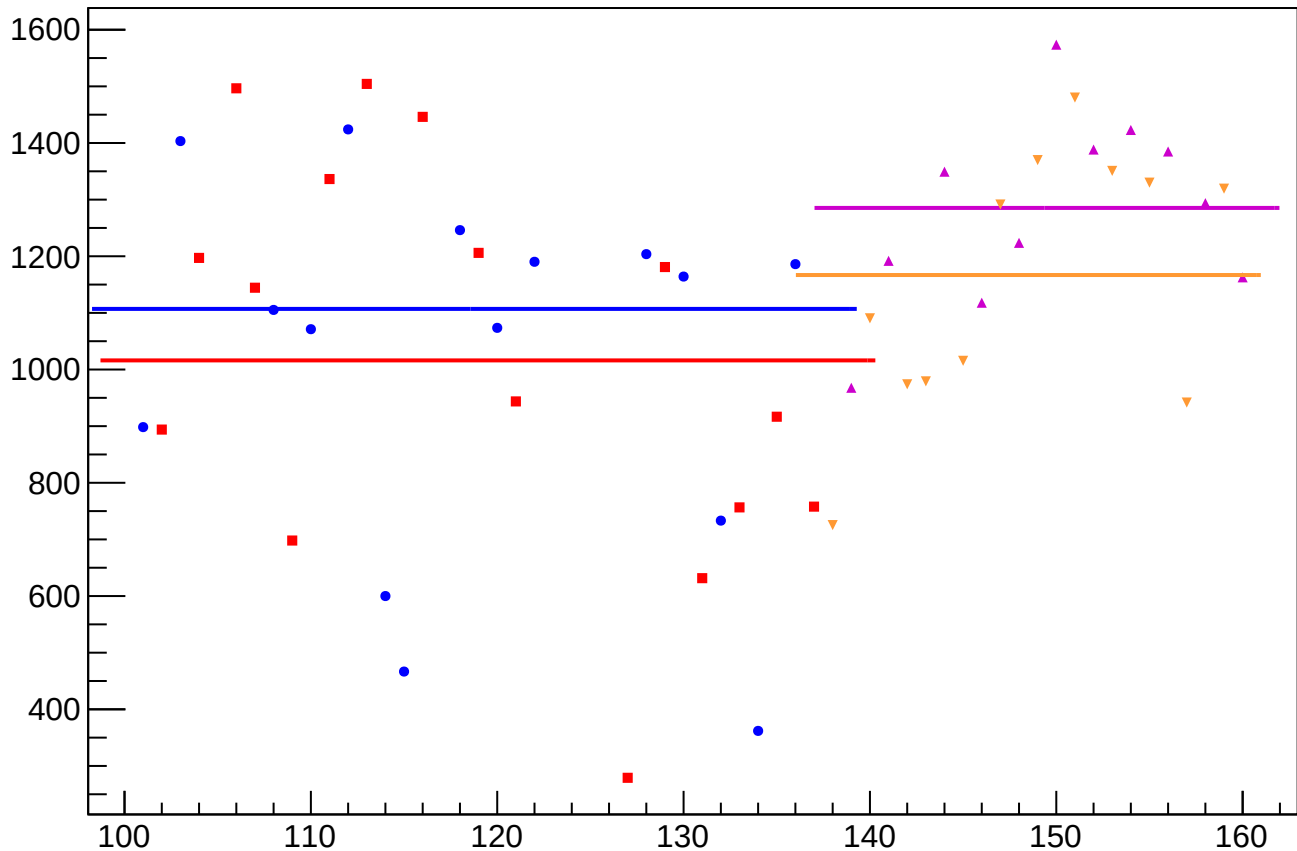
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF : 364118639358953

All: 440.167+/-0.000 χ^2/NDF : 575090441202

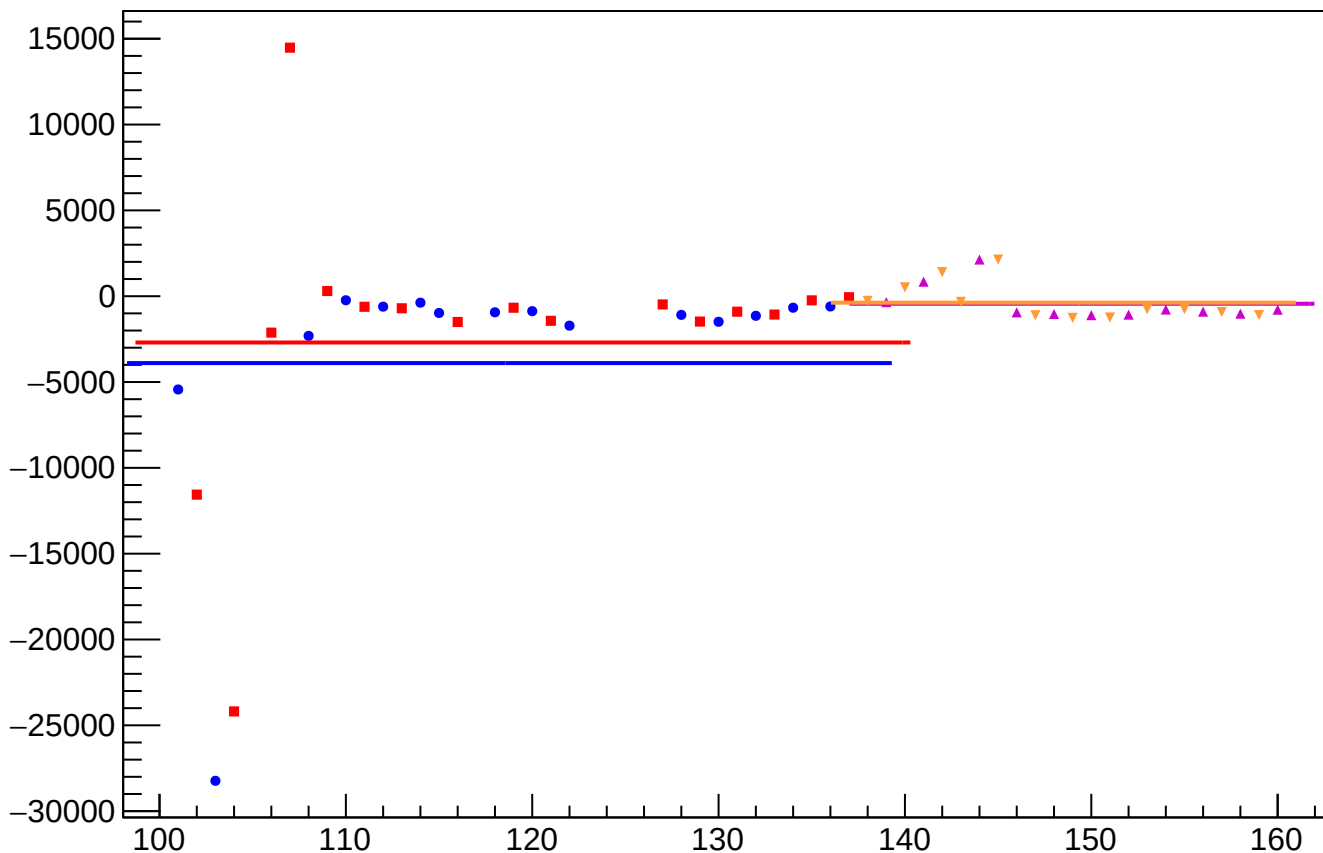
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



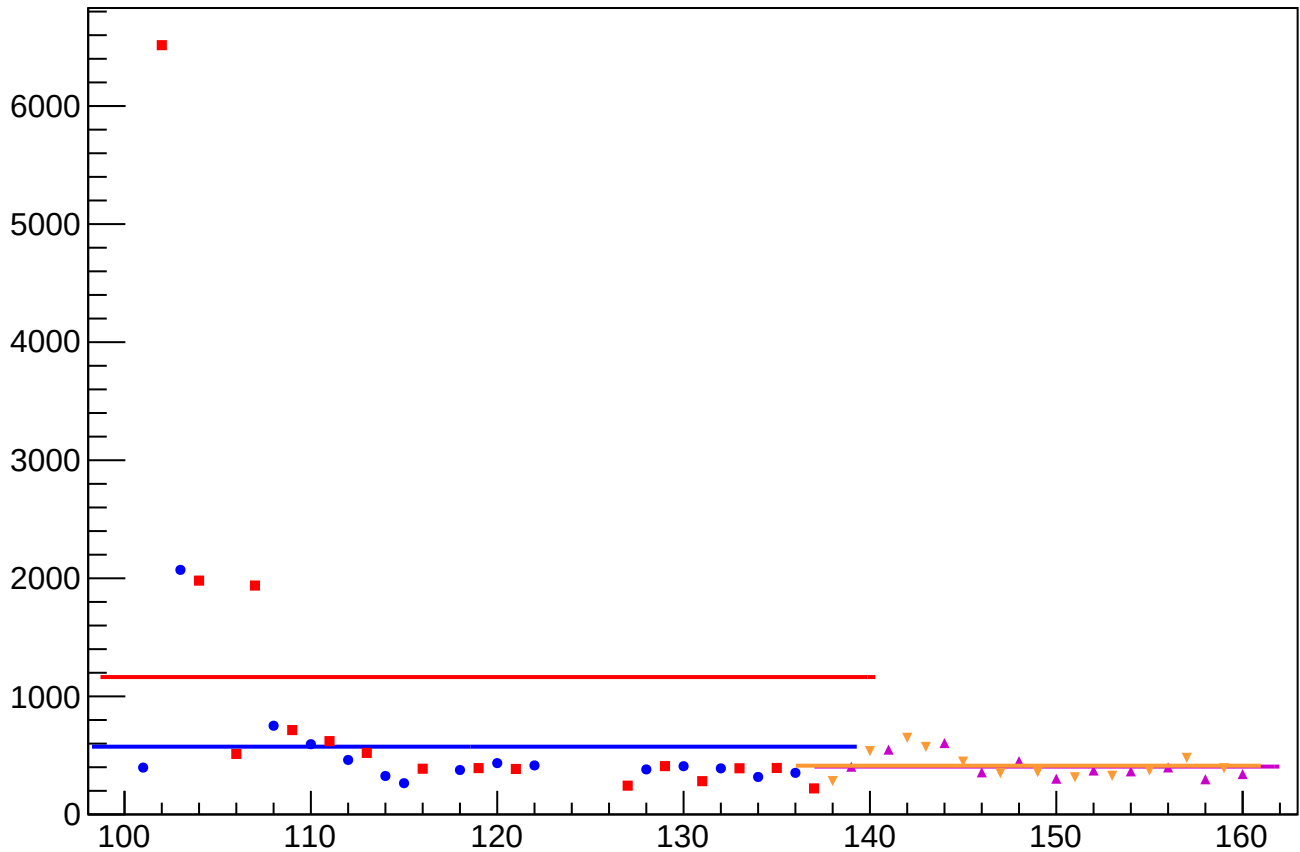
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_atl1_coil4_mean vs Slug



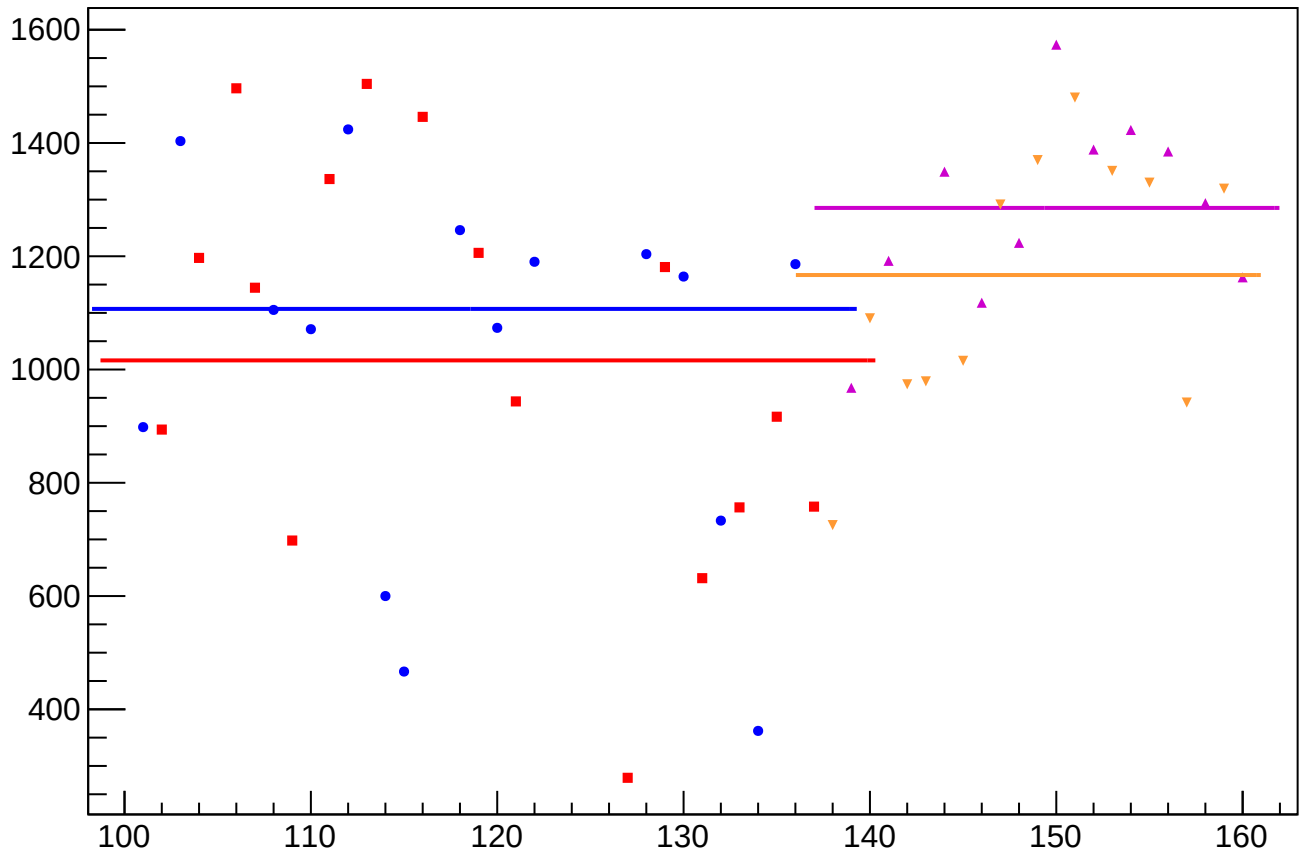
Right In: -3896.522 ± 0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430 ± 0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992 ± 0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289 ± 0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10
 All: -1609.422 ± 0.000 χ^2/NDF : 8915994509
 + sign -1837.483 ± 0.000 χ^2/NDF : 4528252222957
 - sign -1385.374 ± 0.000 χ^2/NDF : 43716264222774

dit_atl1_coil4_err_mean vs Slug



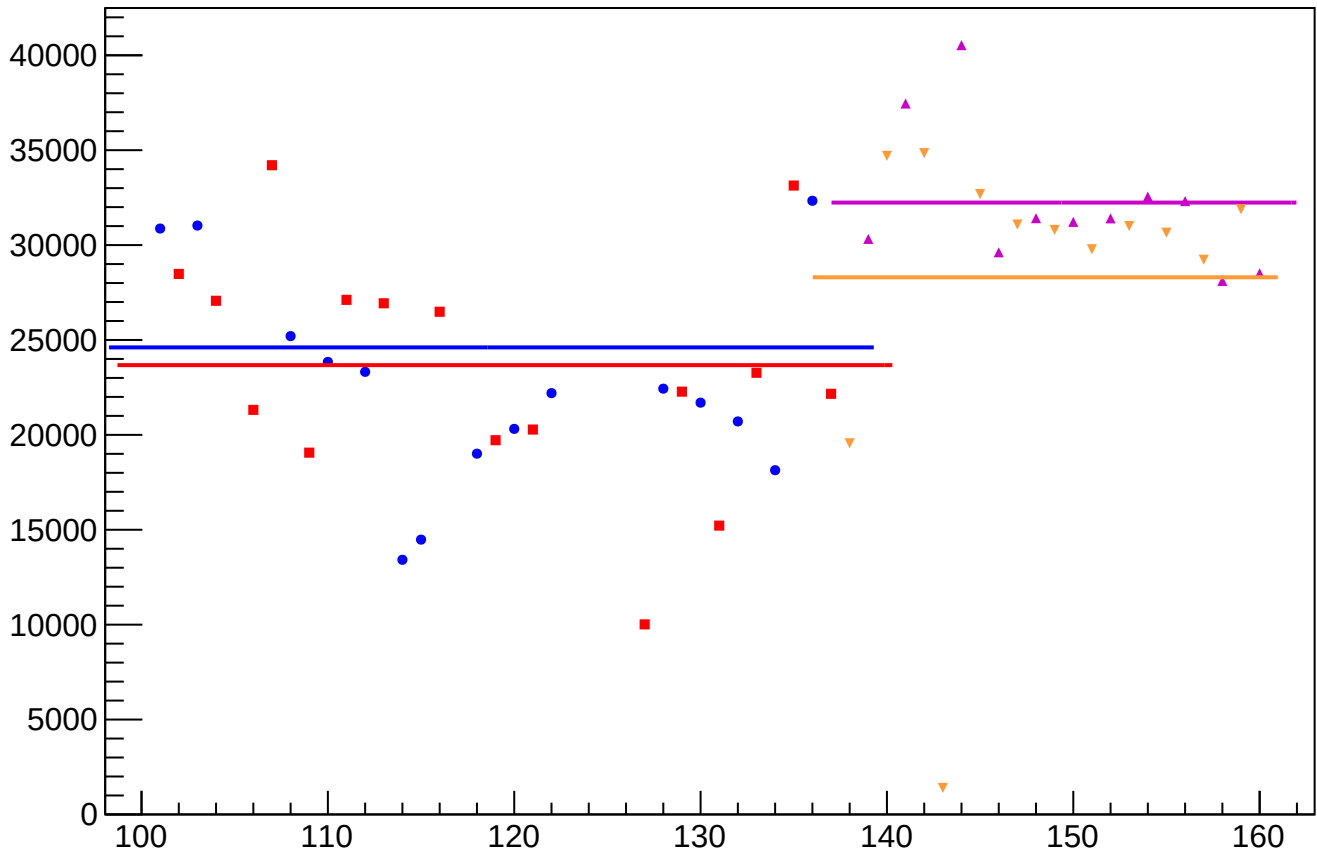
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017+/-0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371+/-0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

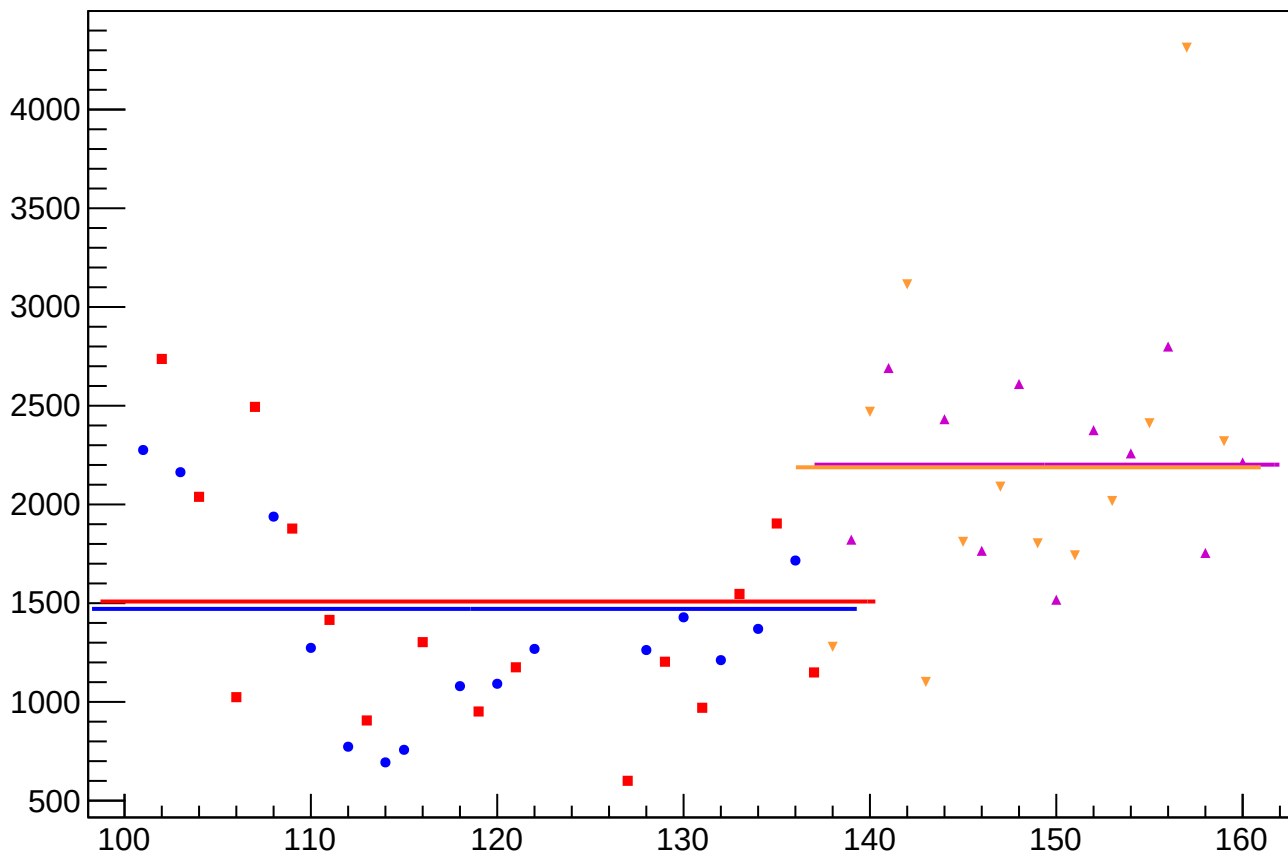
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28302.359+/-0.000	χ^2/NDF : 64743960576526073147852789326823934656512.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26768.677+/-0.000 χ^2/NDF : 8747719496851
 All: 27716.891+/-0.000 χ^2/NDF : 1554384105
 - sign 28648.418+/-0.000 χ^2/NDF : 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF : 593858516090535186702207521640824176640.0/11

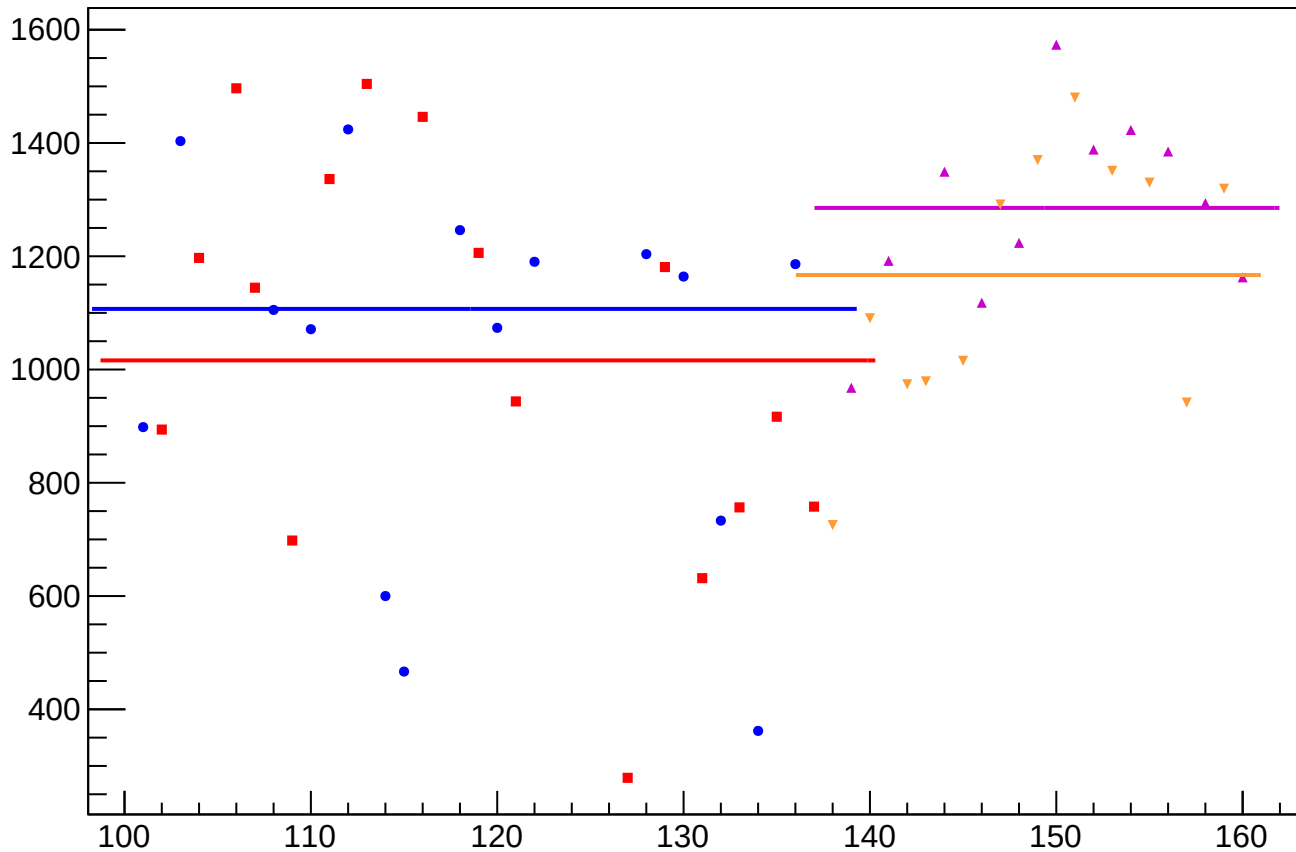
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

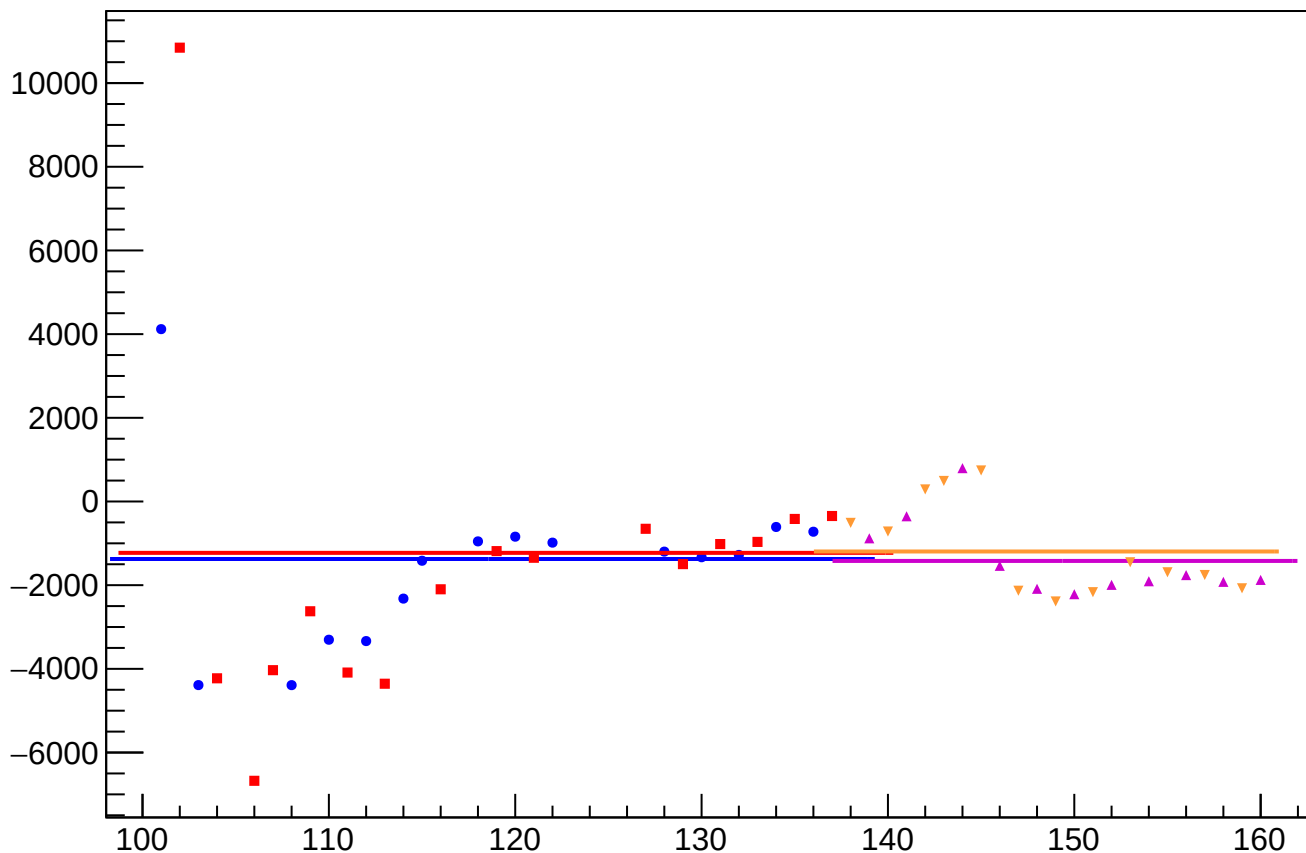
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316

All: 1157.392+/-0.000 χ^2/NDF : 21202911442

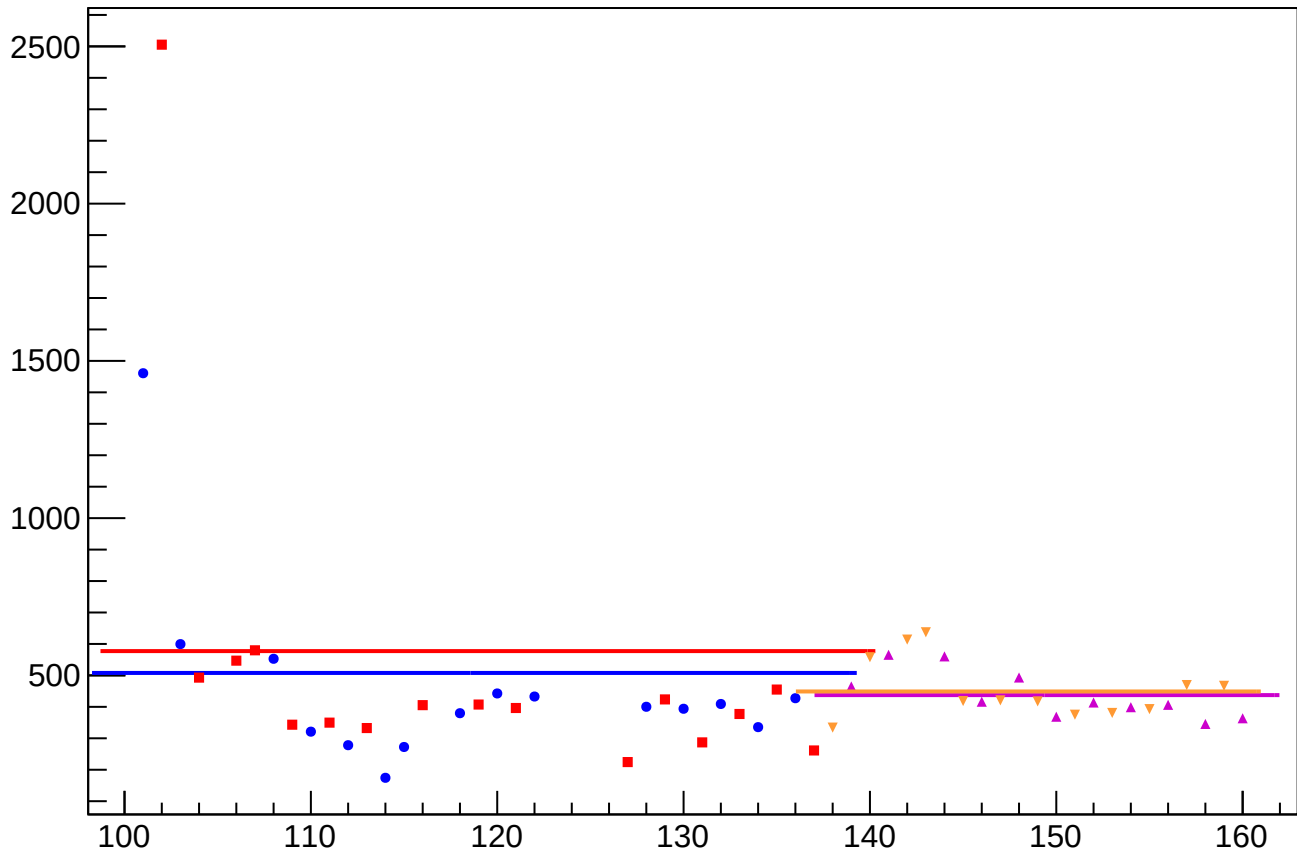
- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14
 Left Out: -1194.978+/-0.000 χ^2/NDF : 1012982164343735644721296583058593415168.0/11
 Right Out: -1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15
 Left In: -1420.806+/-0.000 χ^2/NDF : 747987085785920162637916932217361137664.0/10

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

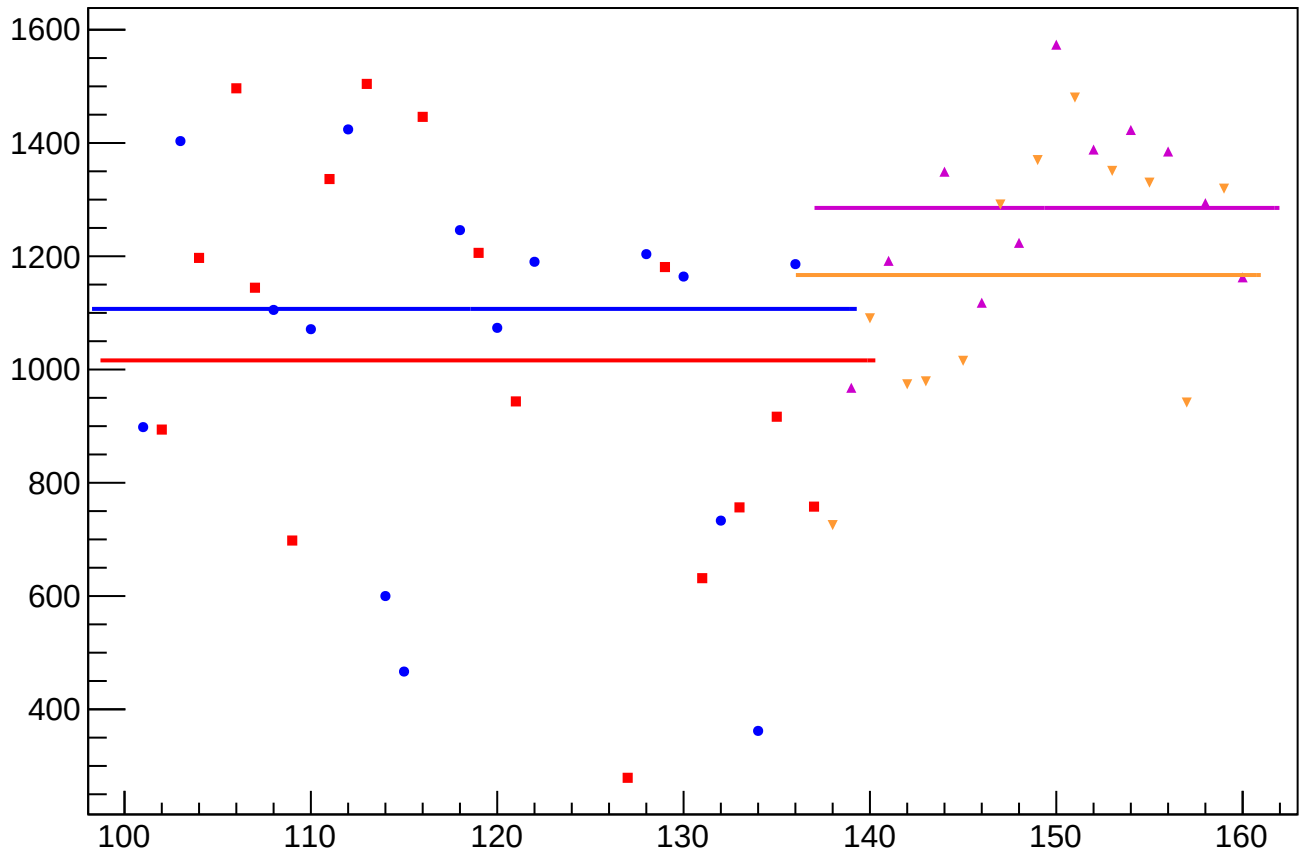
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

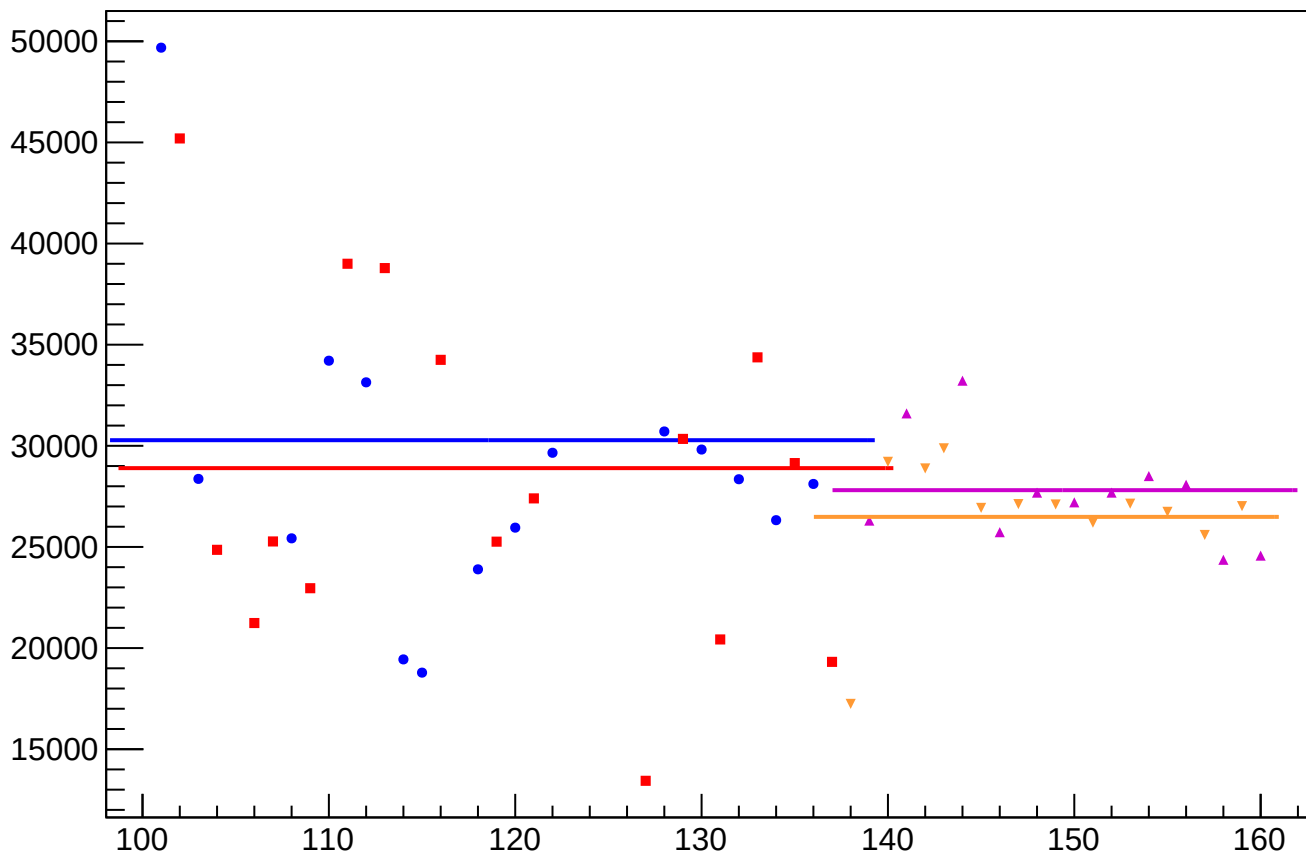
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

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

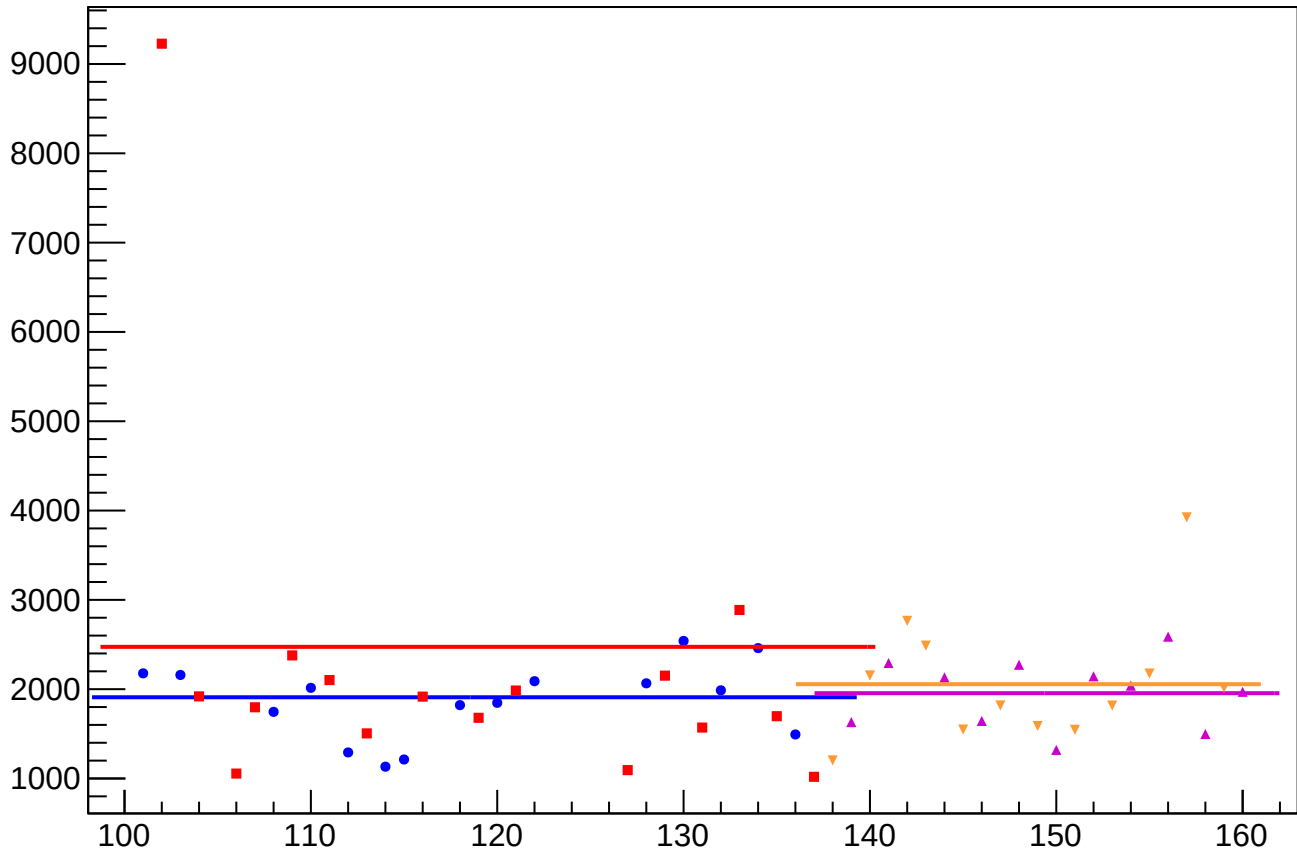
dit_atr2_coil4_mean vs Slug



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

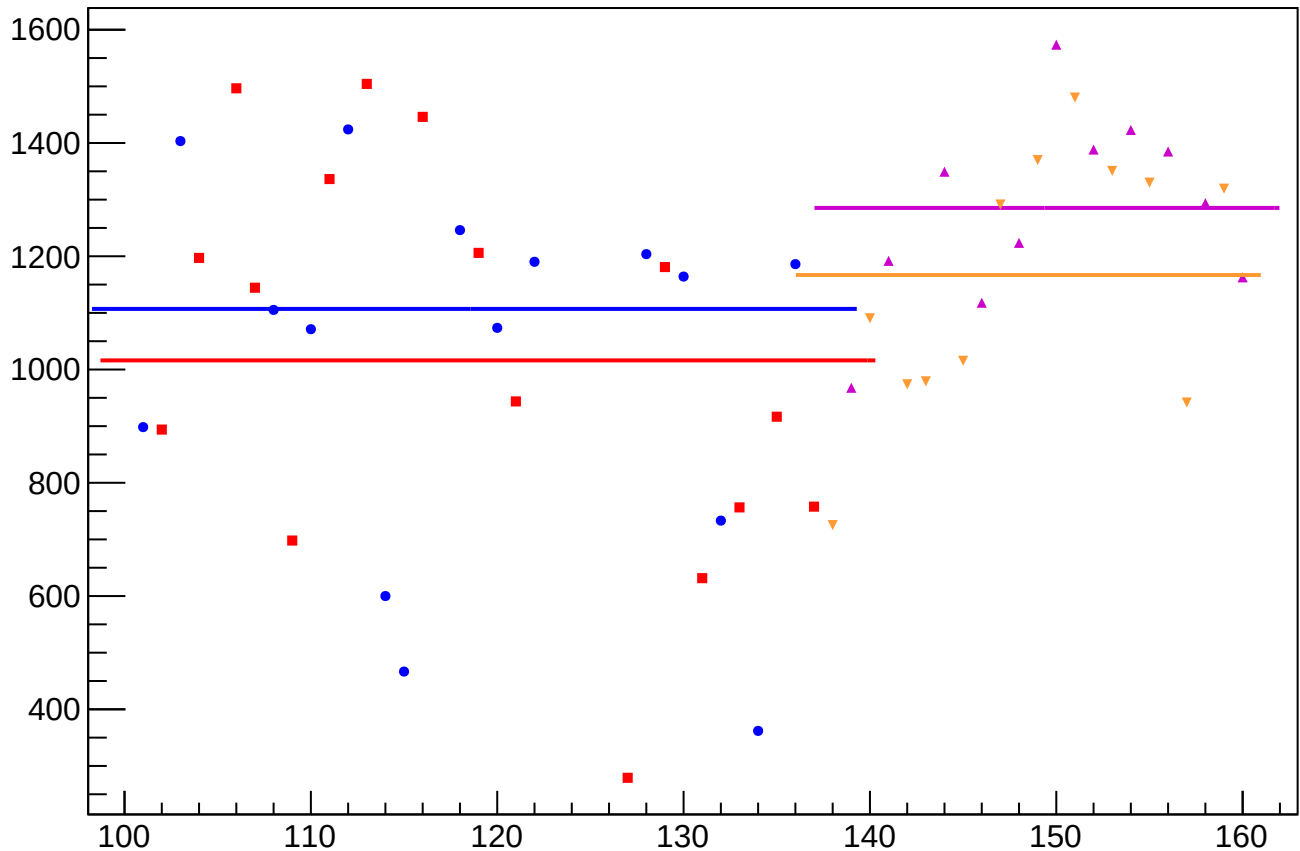
dit_atr2_coil4_err_mean vs Slug



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

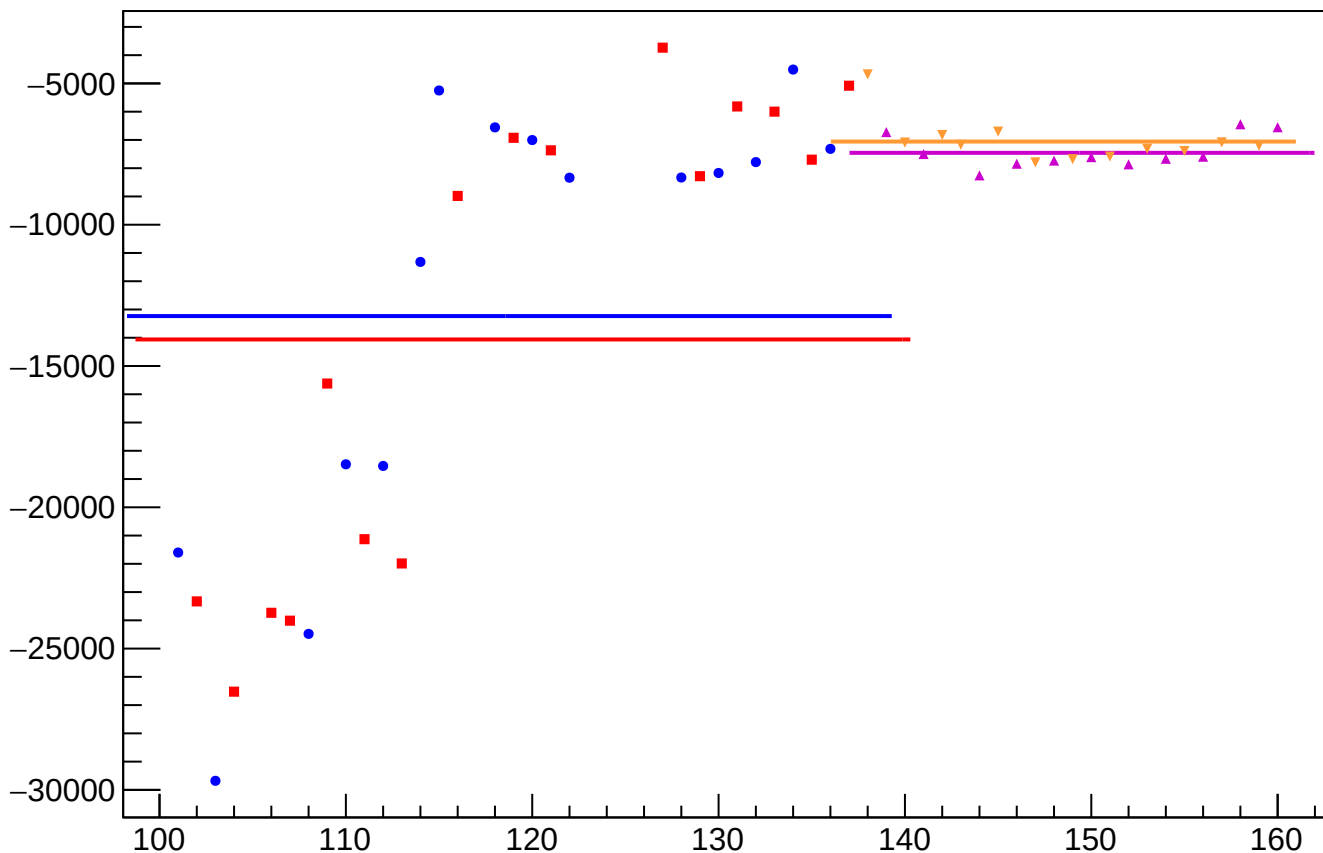
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ 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_sam1_coil4_mean vs Slug



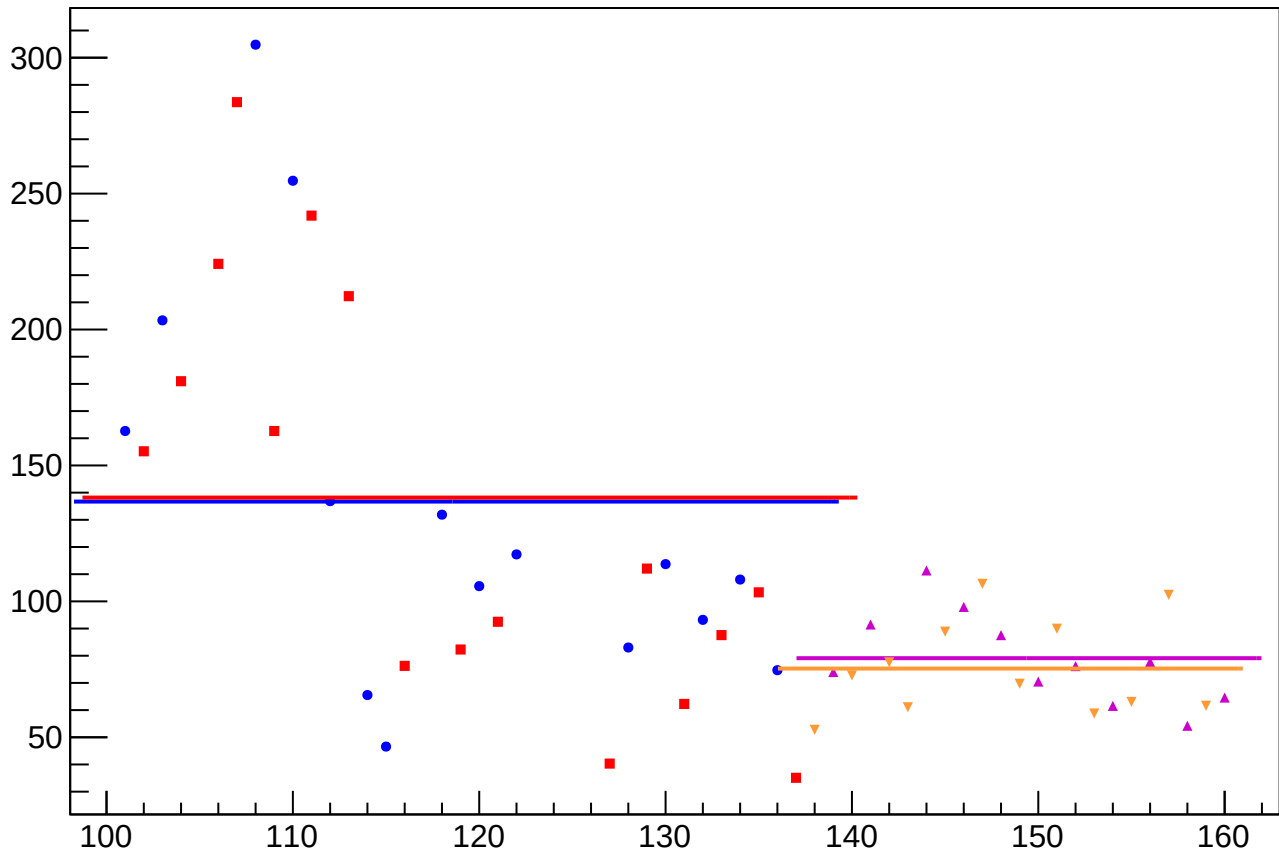
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

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 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14

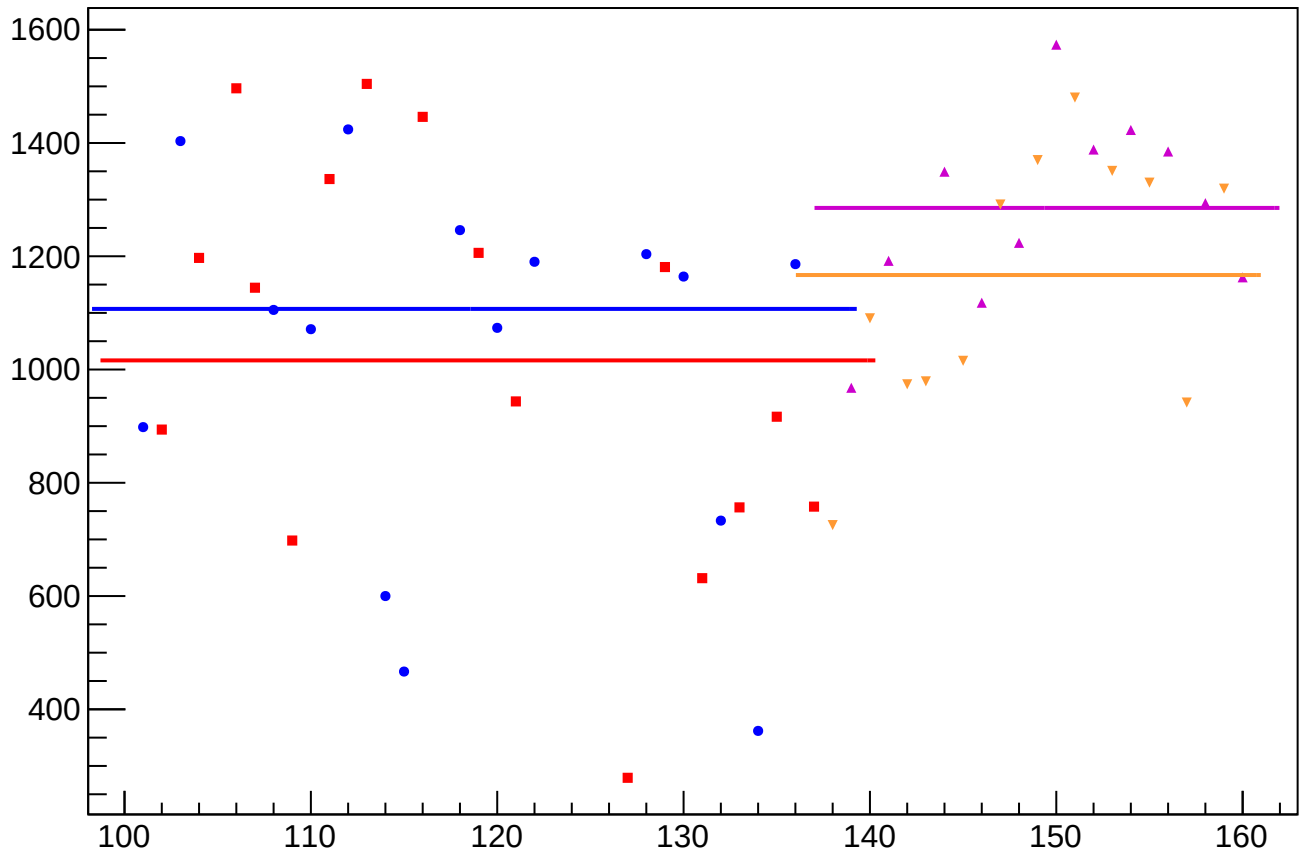
Left Out: 75.280 $\pm$ 0.000 χ^2 /NDF: 271565230291715258223184233837363200.0/11

Right Out: 138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15

Left In: 79.096 $\pm$ 0.000 χ^2 /NDF: 243975342218114768326270780809674752.0/10

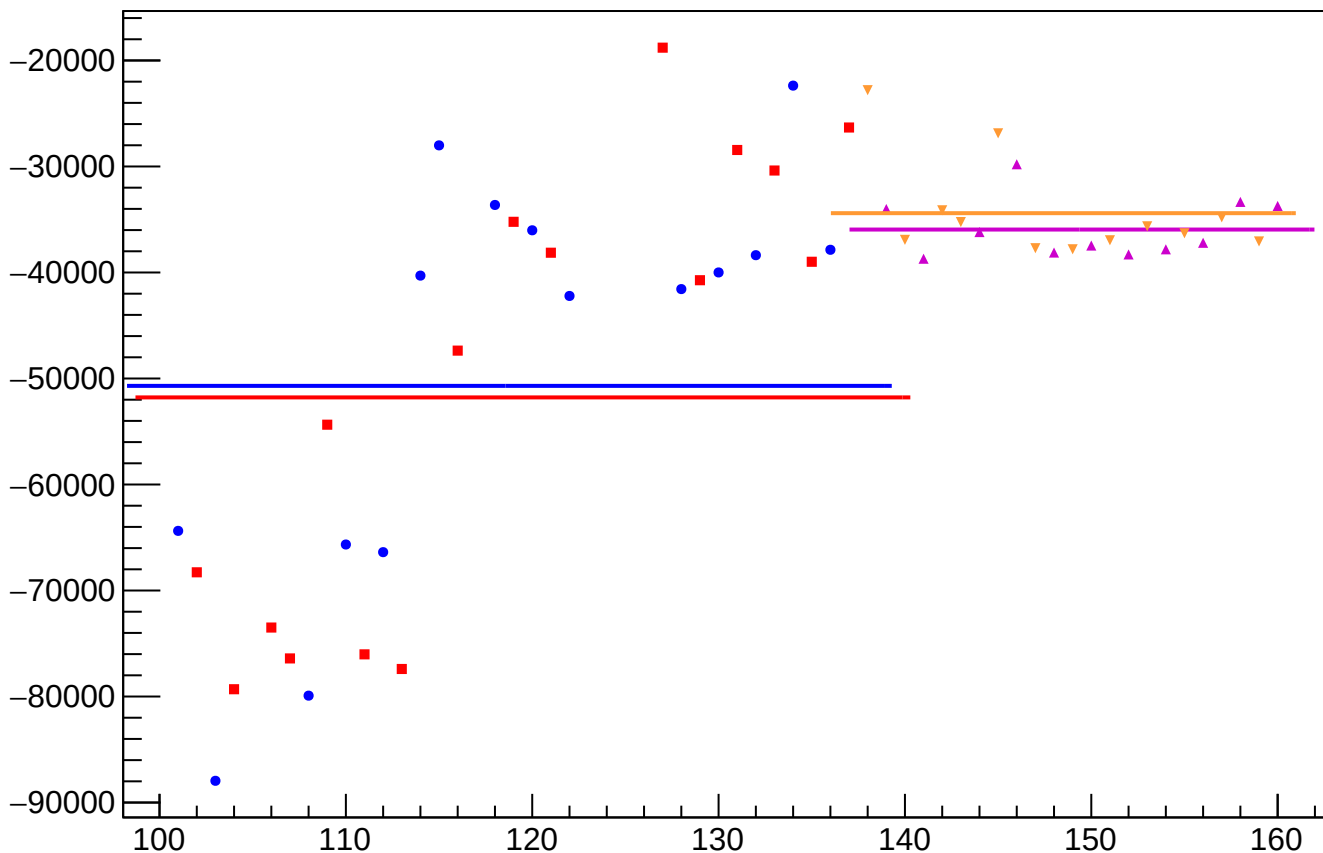
All: 102.340 $\pm$ 0.000 χ^2 /NDF: 922540453685

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

+ sign -41169.025+/-0.000 χ^2/NDF : 346153436808

Right Out: -51783.912+/-0.000

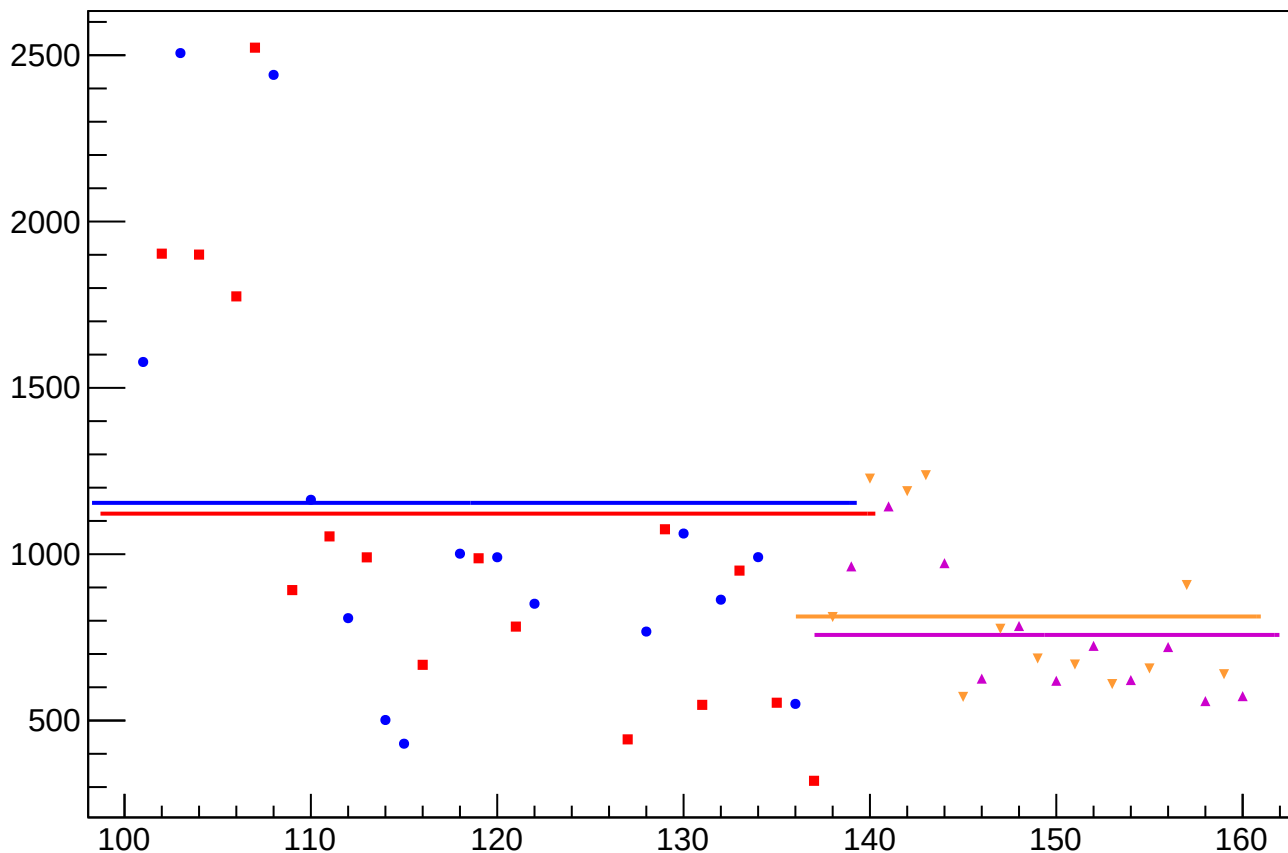
All: -41884.763+/-0.000 χ^2/NDF : 733189271

Left In: -35949.660+/-0.000

- sign -42587.904+/-0.000 χ^2/NDF : 3854485377902

χ^2/NDF : 6535777806152232441815832130596699635712.0/10

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 812.768+/-0.000 χ^2/NDF : 48869150953187834312923483015749828608.0/11

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

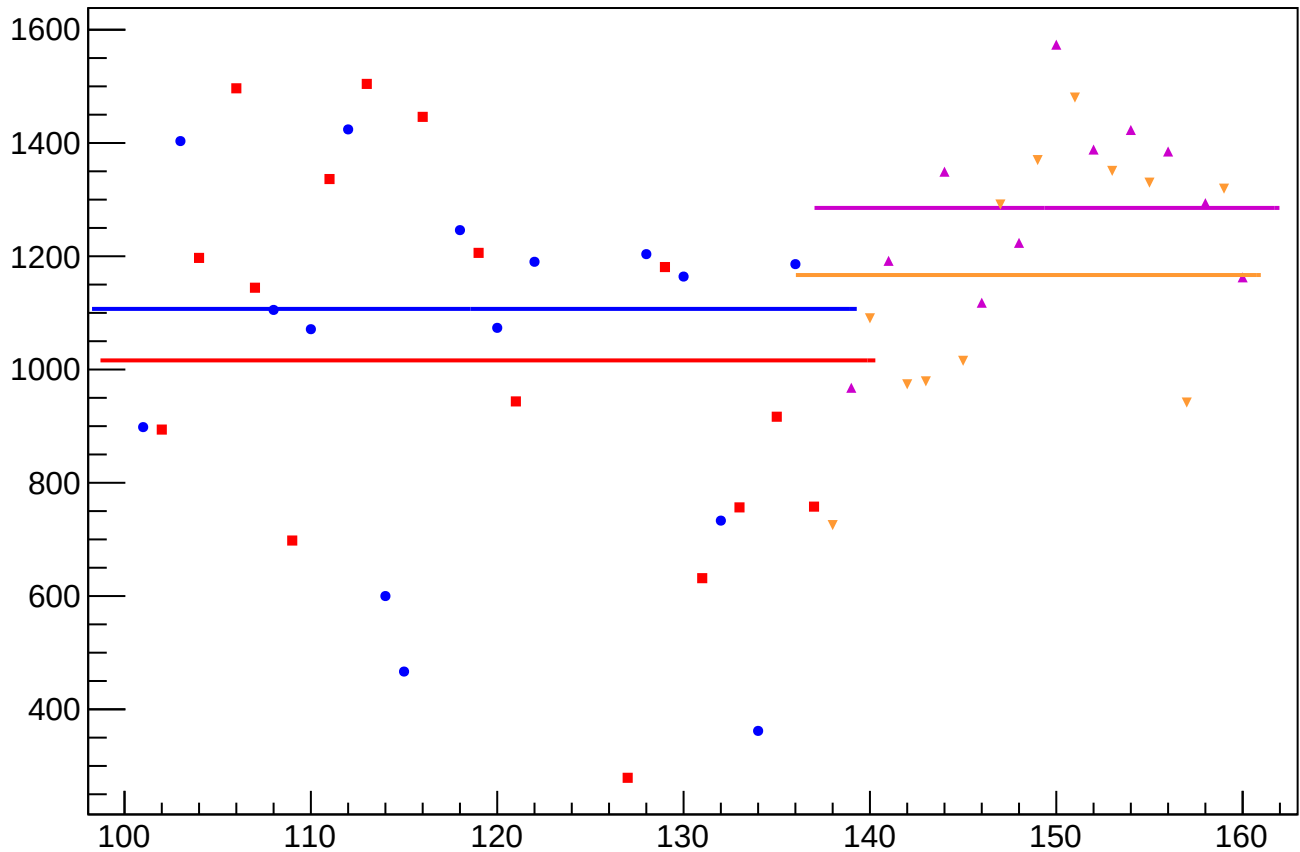
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

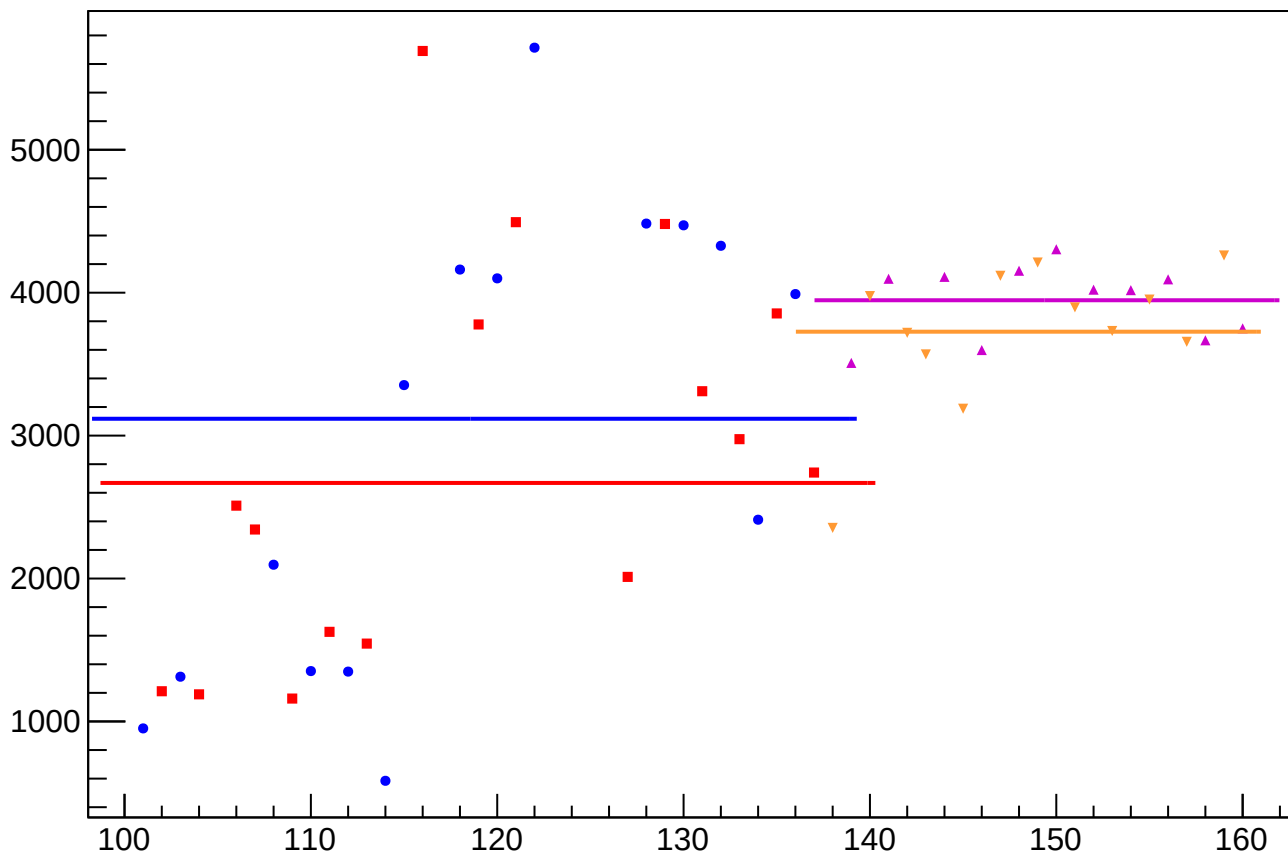
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



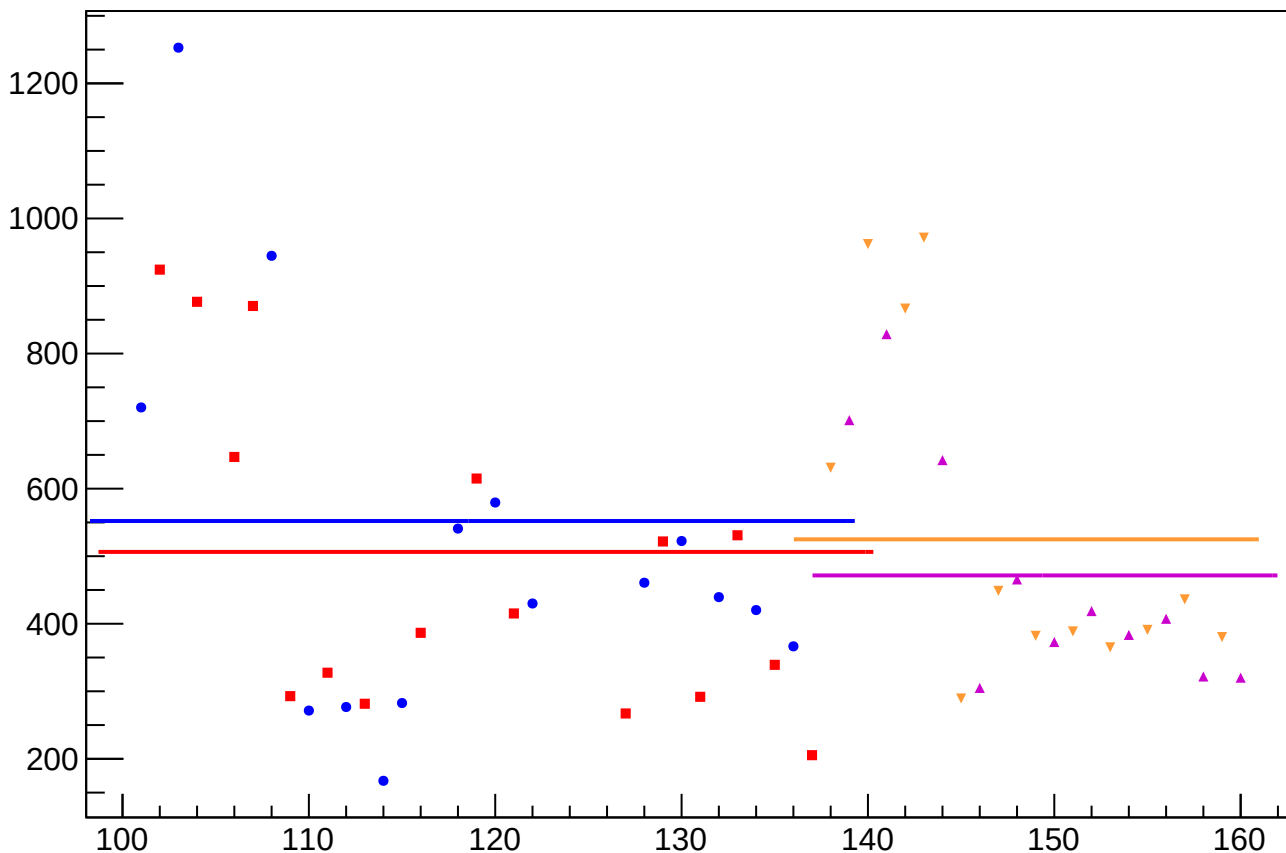
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14	+ sign 3474.146+/-0.000	χ^2/NDF : 19310560227592
Left Out: 3727.095+/-0.000	χ^2/NDF : 237477678561542860292825834329185714176.0/11	All: 3442.374+/-0.000	χ^2/NDF : 37604904568
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15	- sign 3411.160+/-0.000	χ^2/NDF : 18263065086829
Left In: 3947.046+/-0.000	χ^2/NDF : 56963661018859057070812095134472077312.0/10		

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

+ sign 536.247+/-0.000 χ^2/NDF : 100138864573436

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

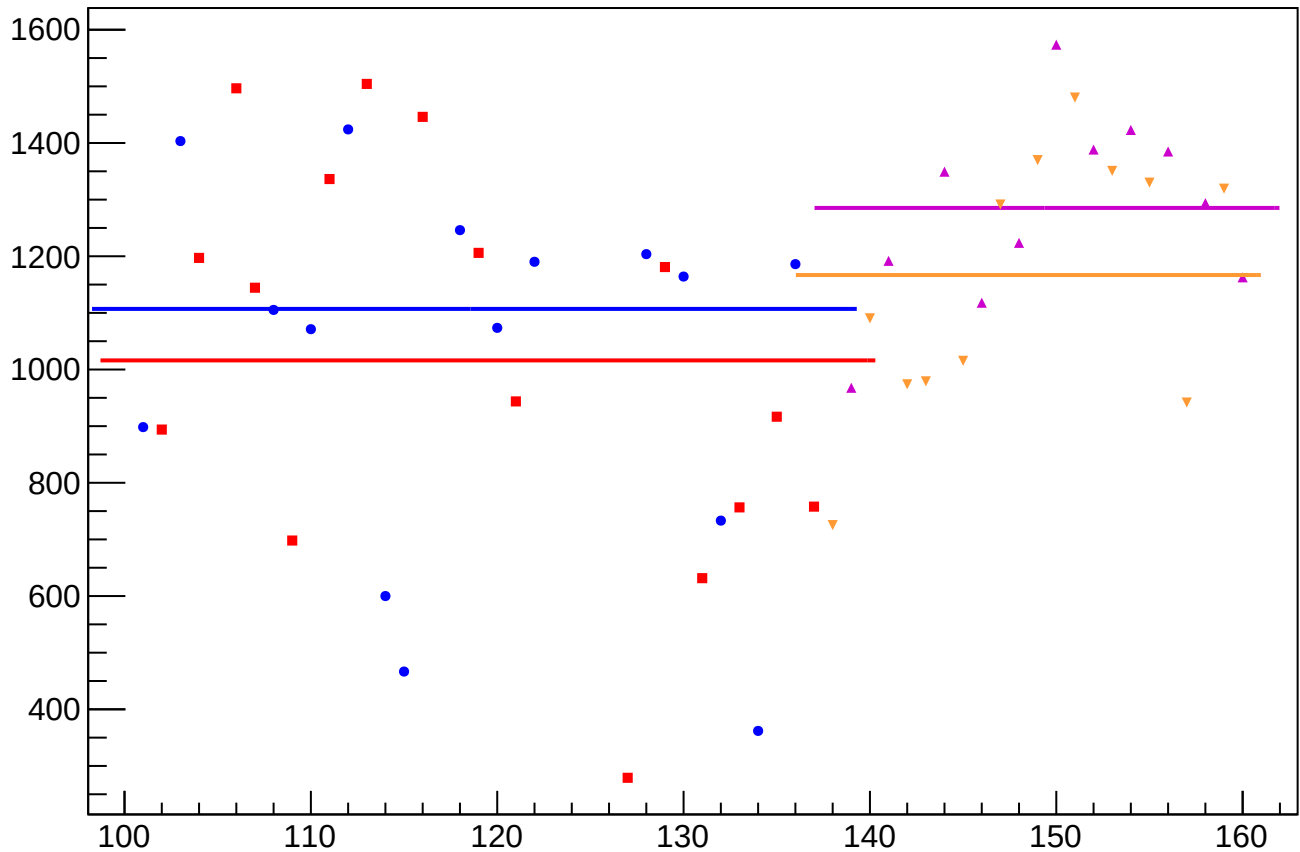
All: 510.967+/-0.000 χ^2/NDF : 165450893043

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

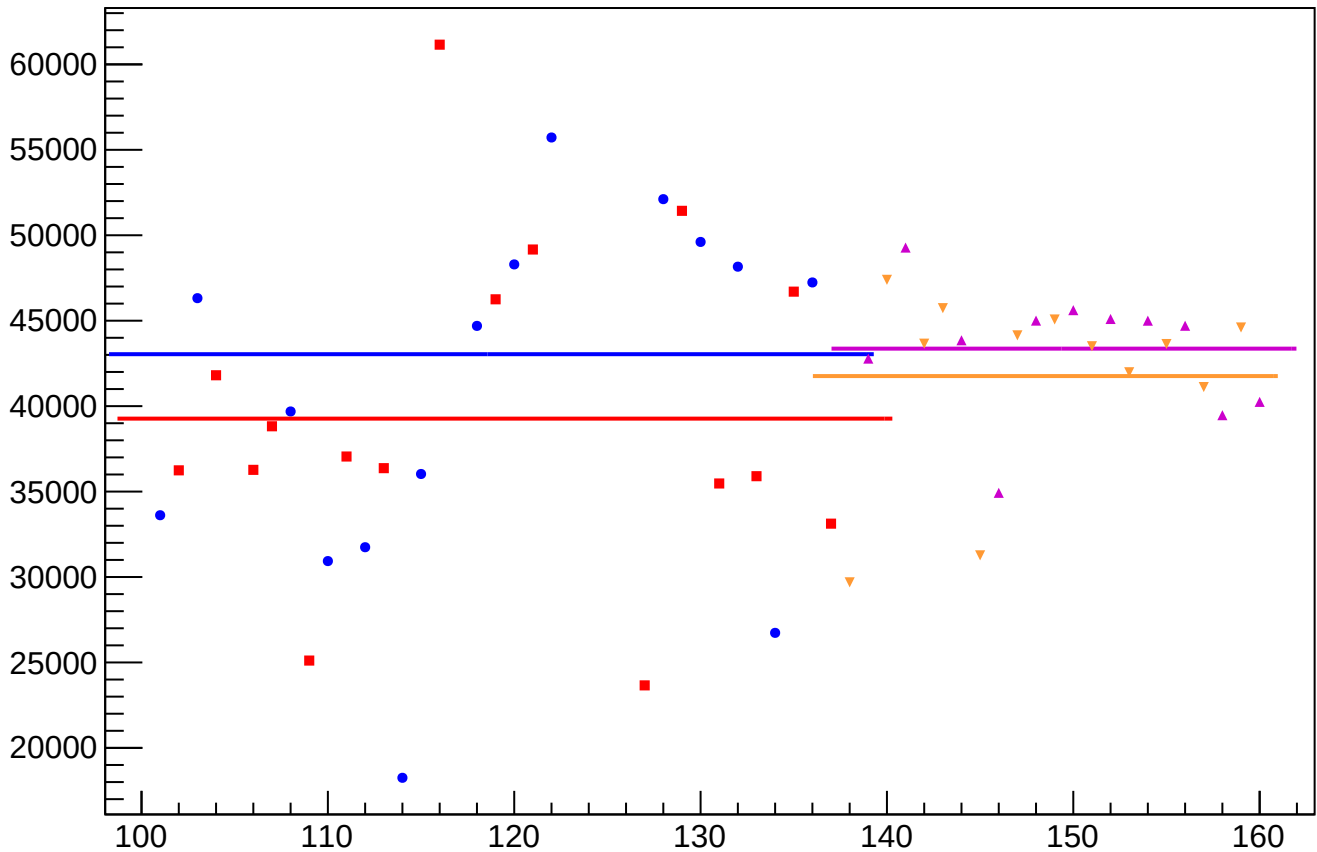
- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_coil4_Ndata_mean vs Slug



dit_sam4_coil4_mean vs Slug



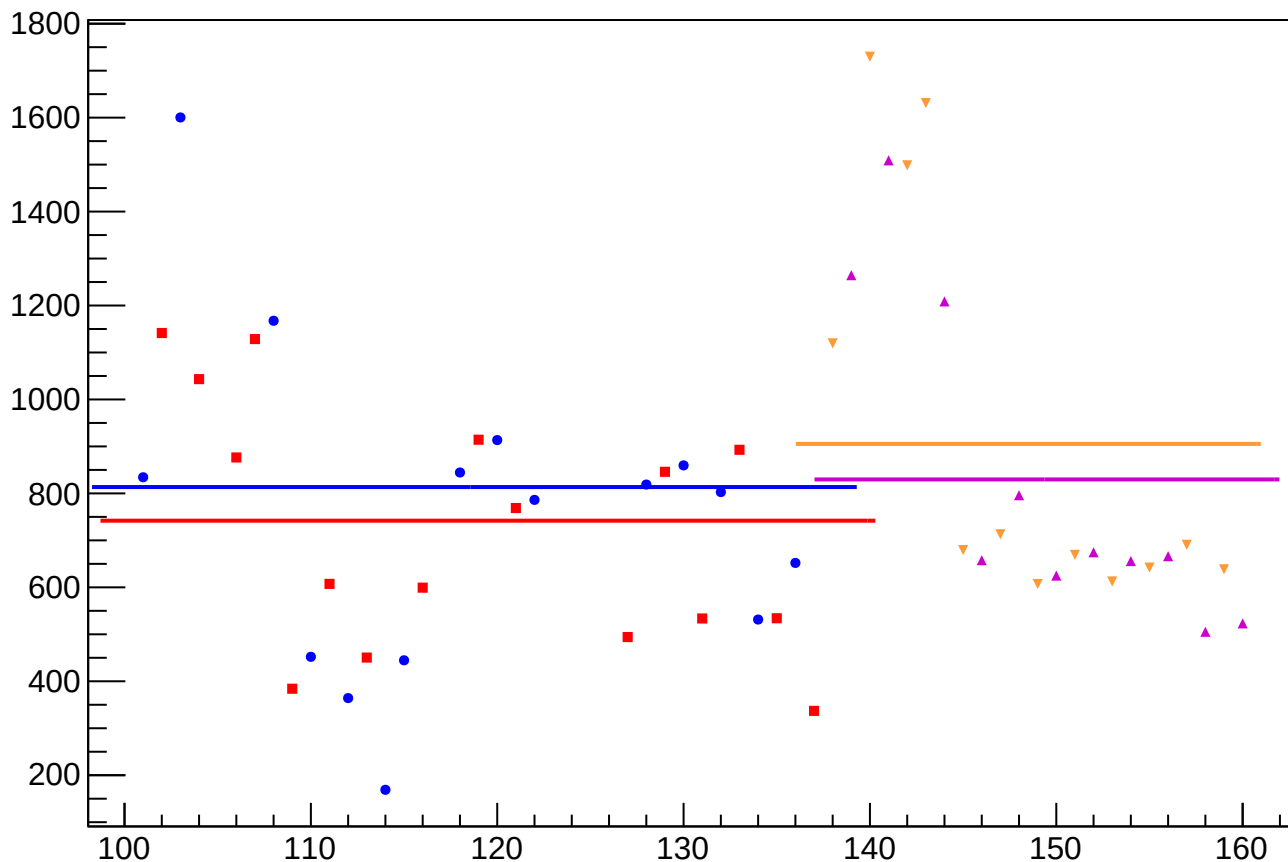
Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42291.015+/-0.000 χ^2/NDF : 7535805649529

All: 41966.664+/-0.000 χ^2/NDF : 146263445

- sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

+ sign 867.231 $\pm$ 0.000 χ^2 /NDF: 221925085824192

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

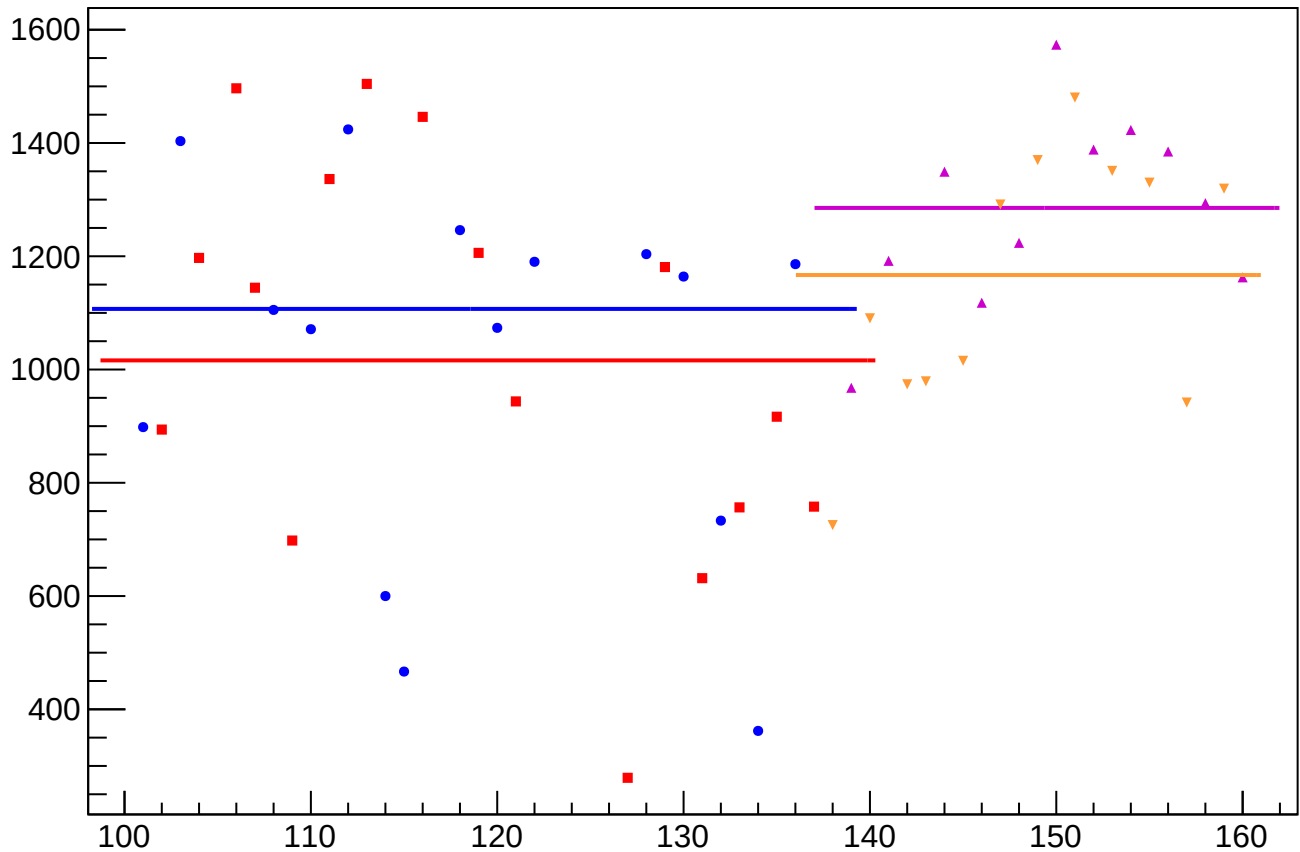
All: 829.738 $\pm$ 0.000 χ^2 /NDF: 369419133403

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

- sign 792.905 $\pm$ 0.000 χ^2 /NDF: 143138450835251

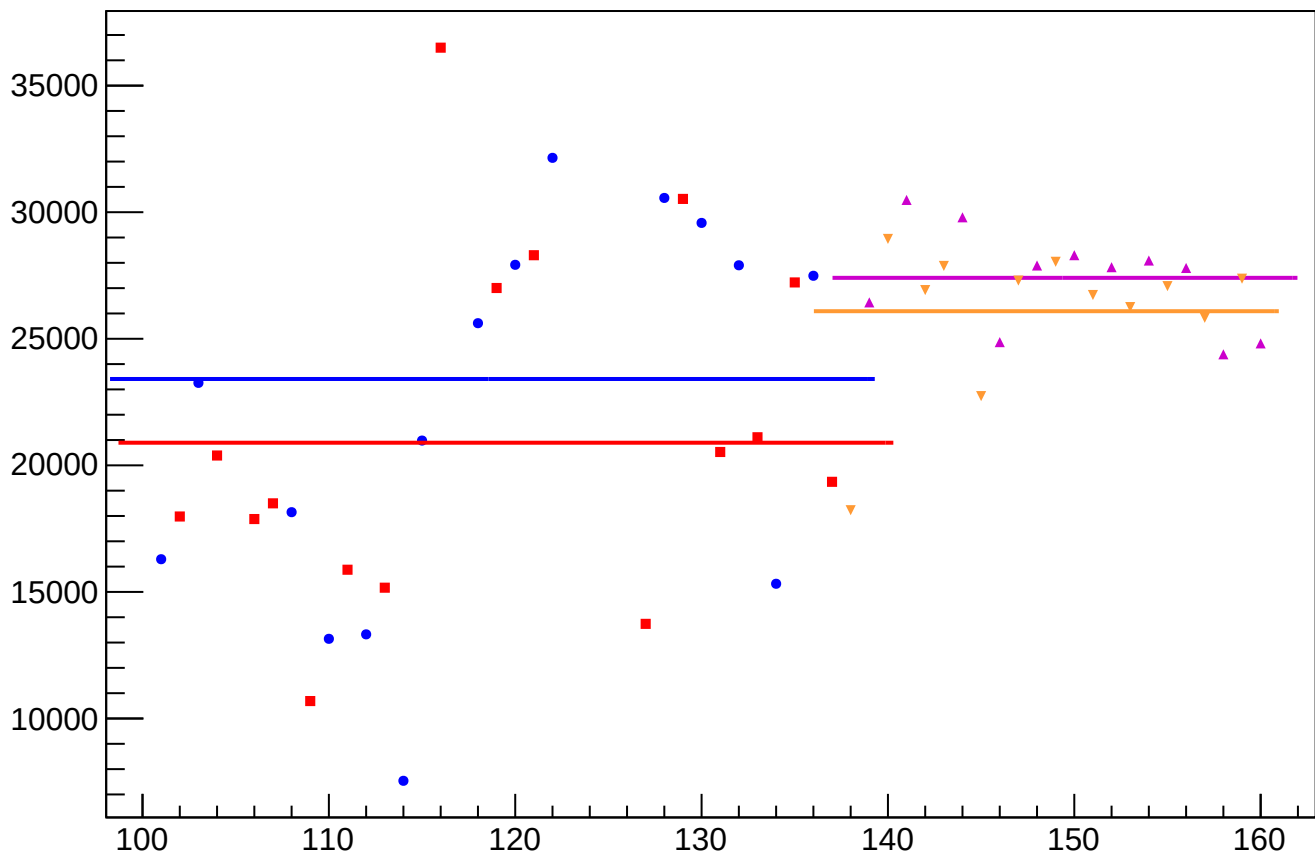
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

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

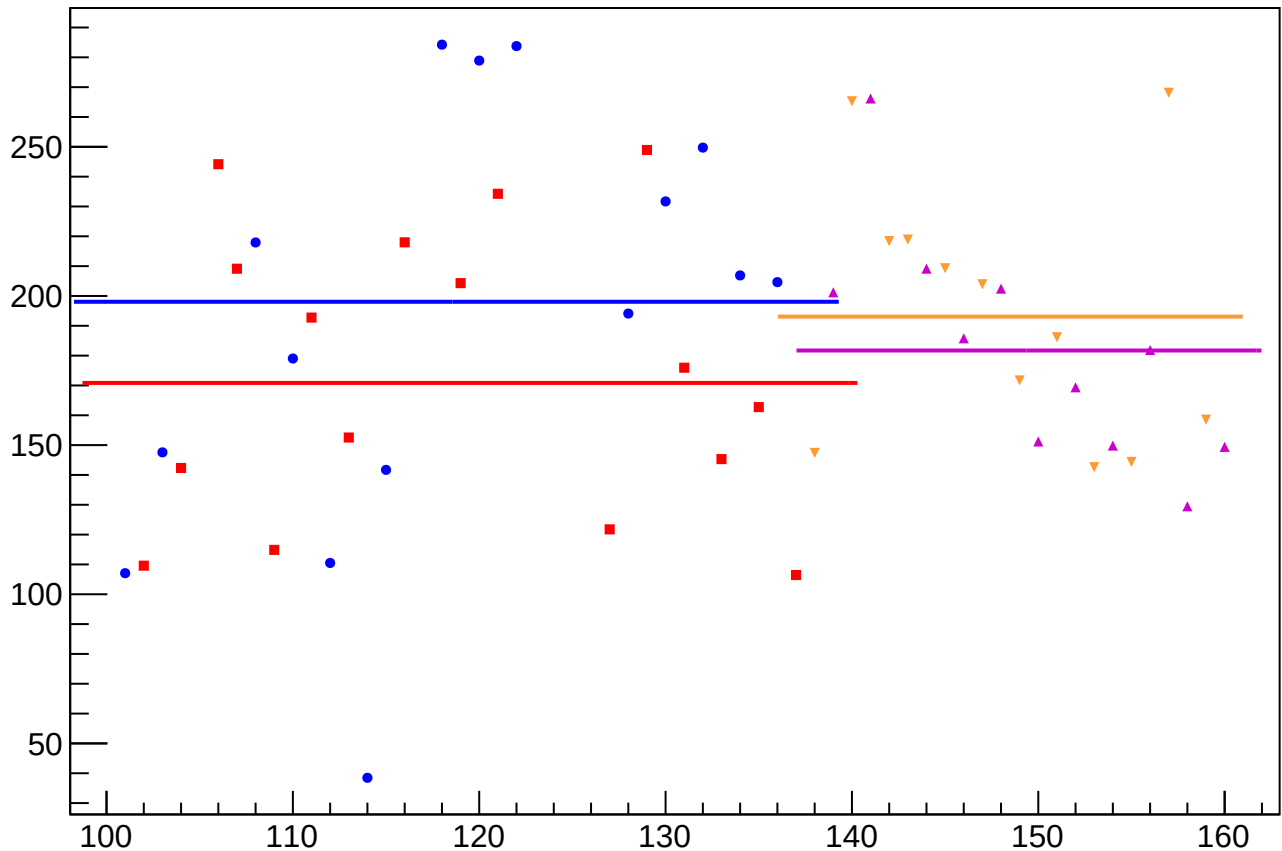
dit_sam5_coil4_mean vs Slug



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

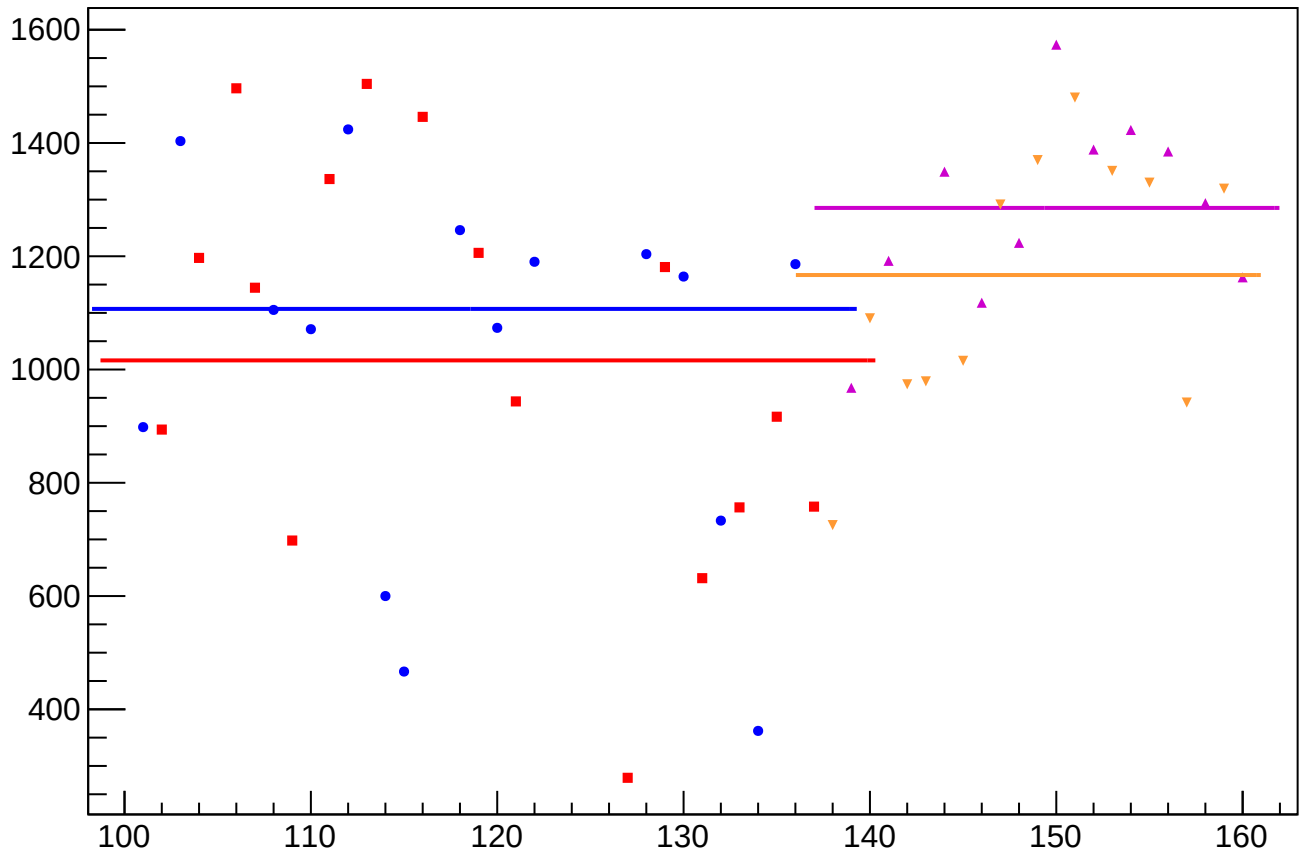
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

All: 186.074 +/- 0.000 χ^2/NDF : 712277108618

+ sign 195.148 +/- 0.000 χ^2/NDF : 417506015542371

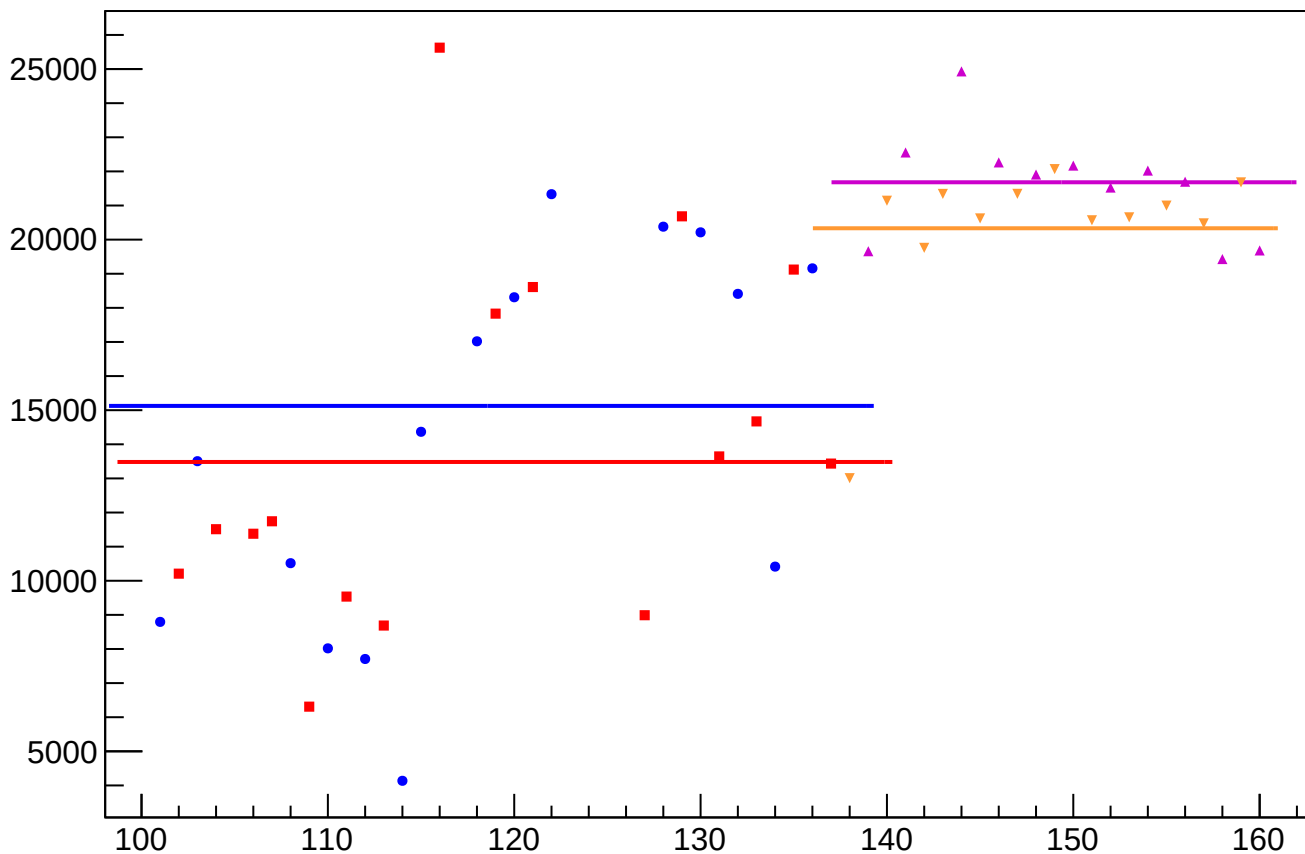
- sign 177.159 +/- 0.000 χ^2/NDF : 269255092186089

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

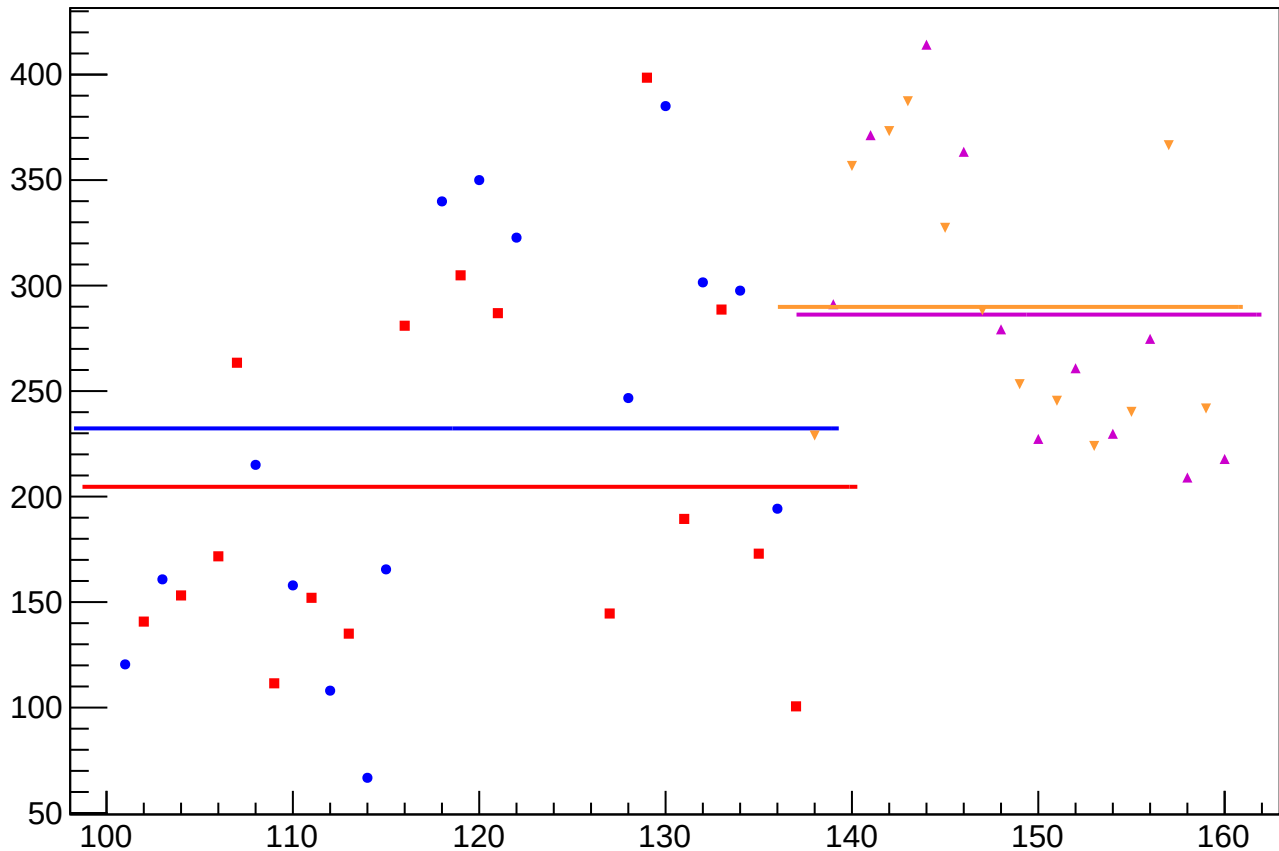
dit_sam6_coil4_mean vs Slug



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

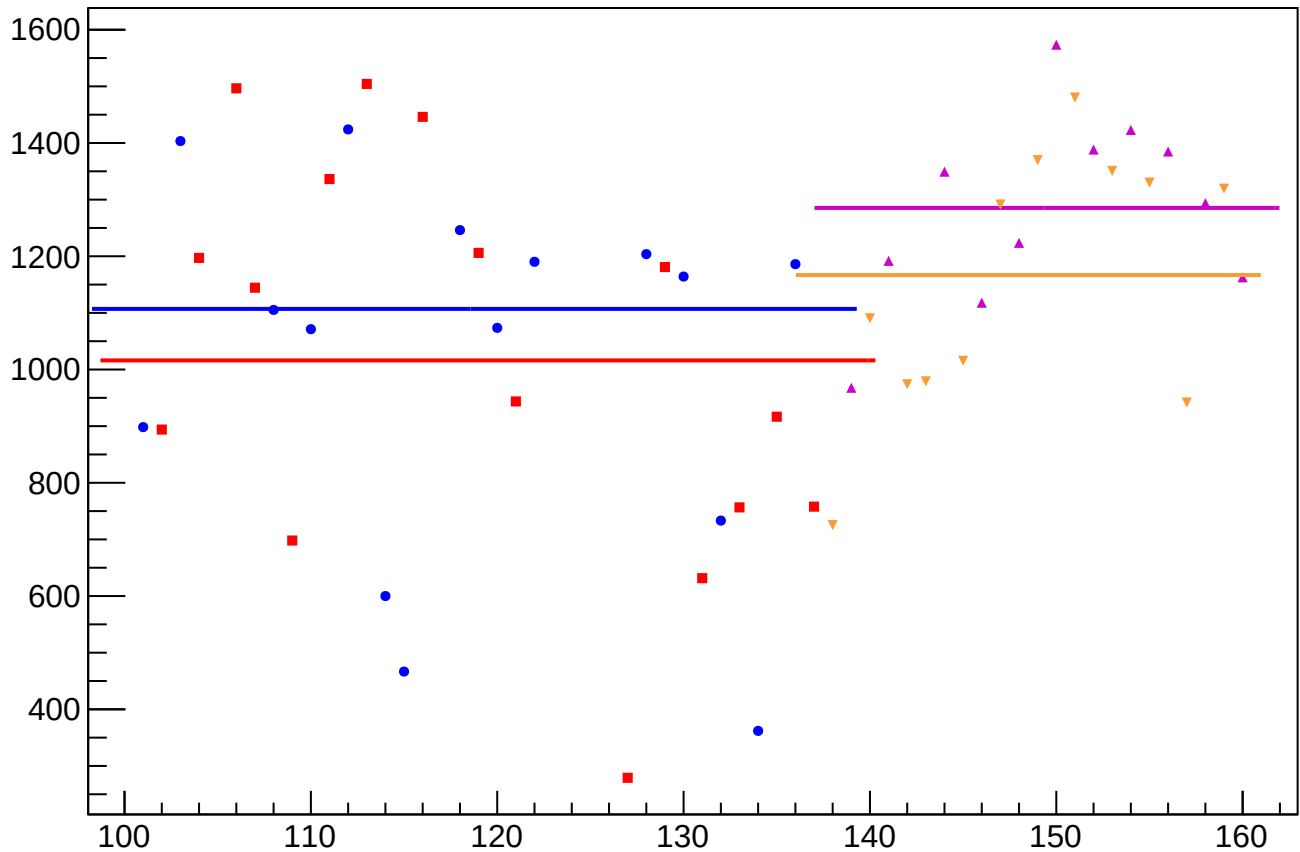
dit_sam6_coil4_err_mean vs Slug



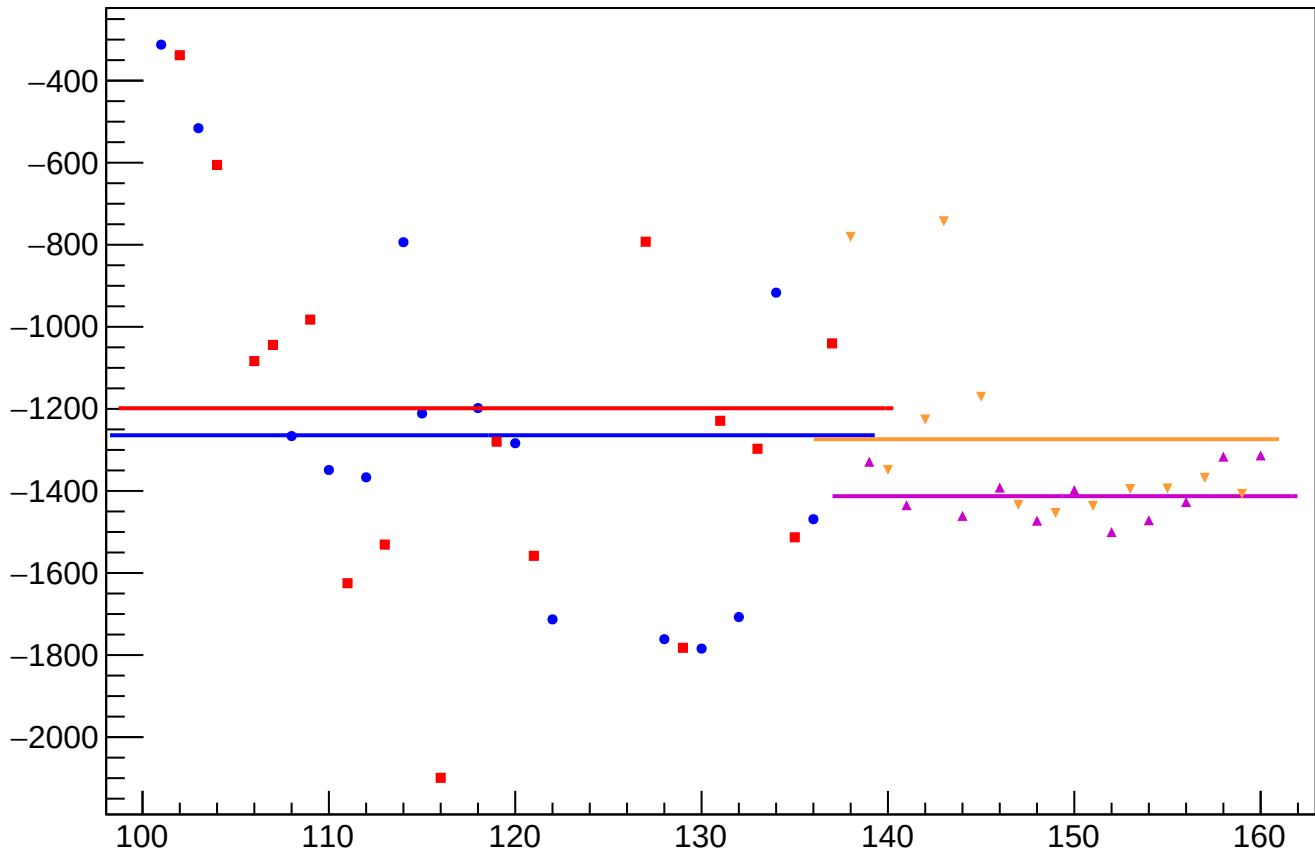
Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14
Left Out: 289.897+/-0.000	χ^2/NDF : 3202390993231935504147250998086205440.0/11
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10

+ sign 265.986+/-0.000 χ^2/NDF : 993907240808893
 All: 258.948+/-0.000 χ^2/NDF : 212946744199
 - sign 252.033+/-0.000 χ^2/NDF : 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug

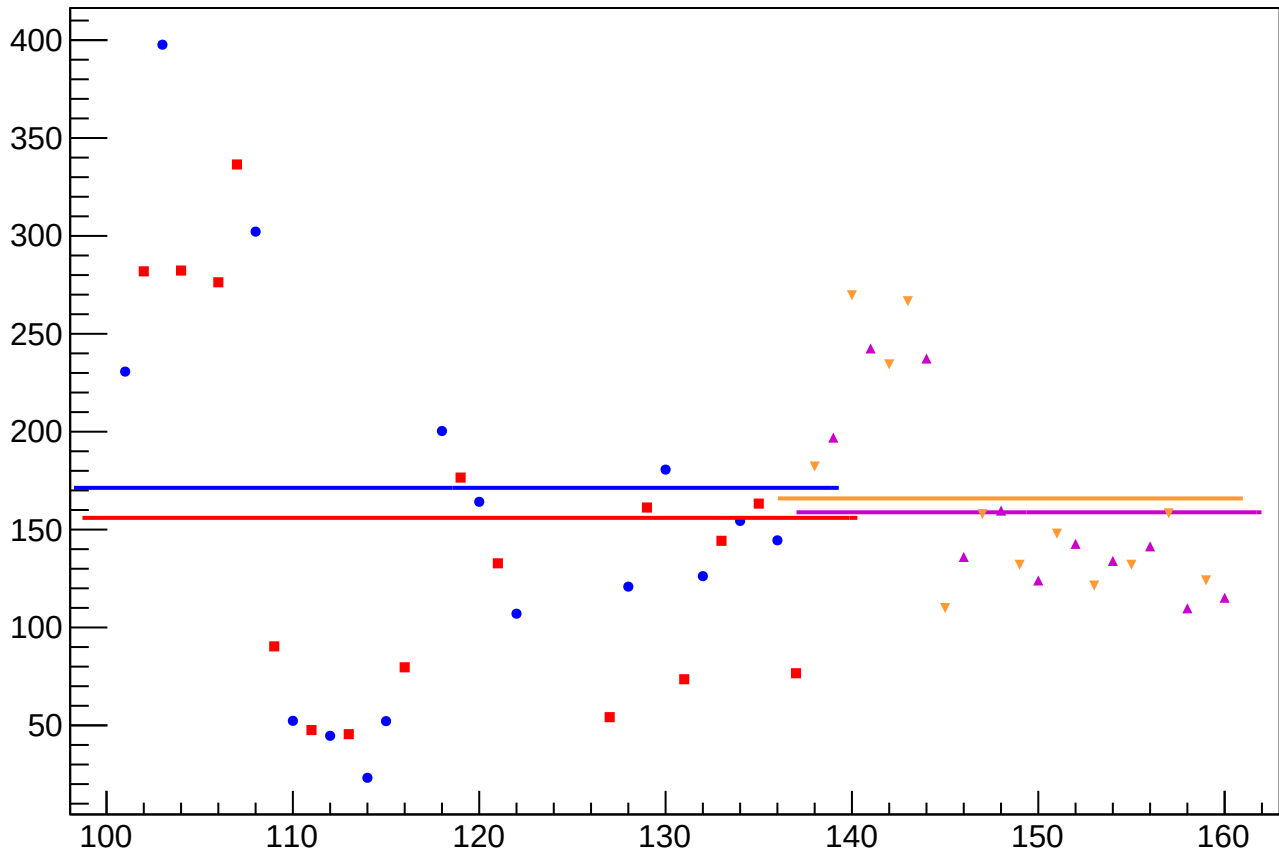


dit_sam7_coil4_mean vs Slug



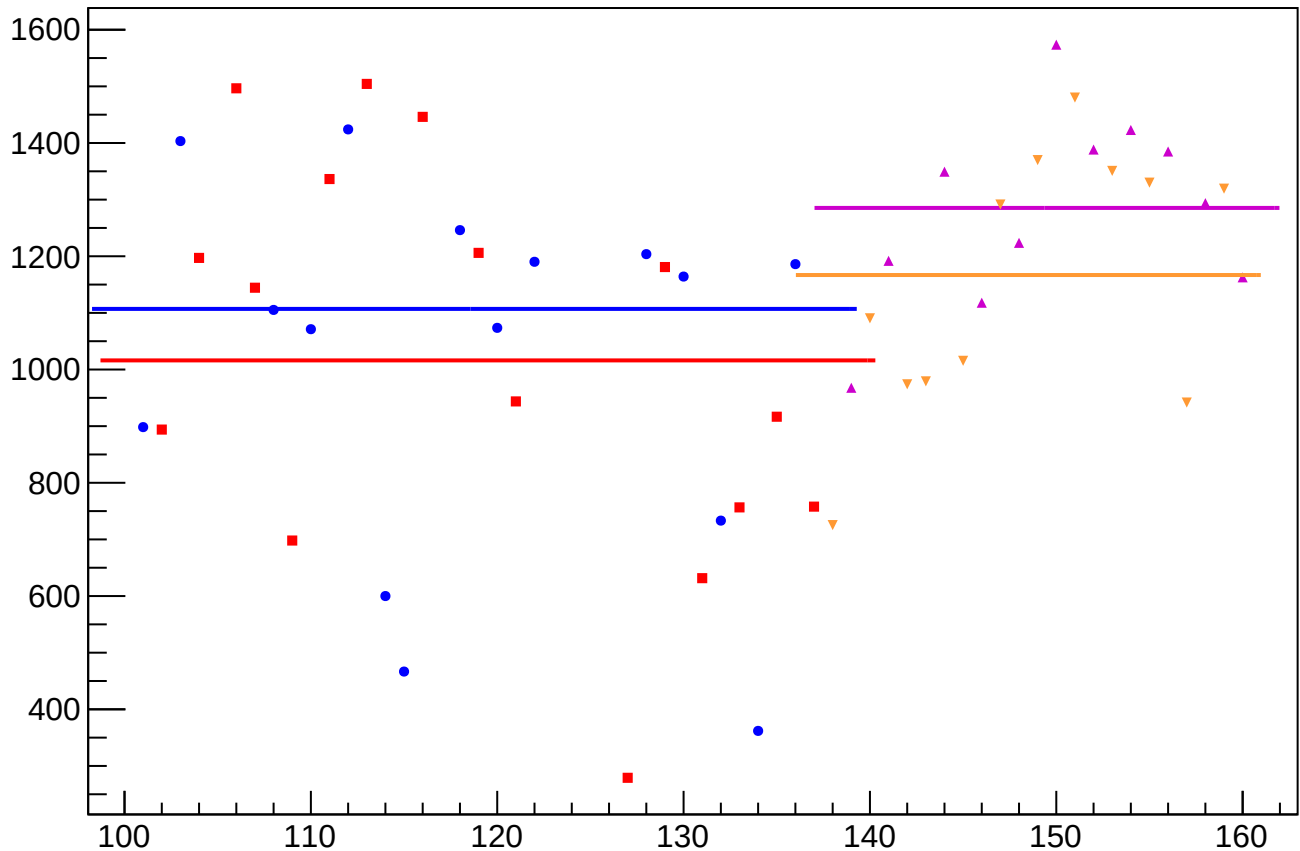
Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912 ± 0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug

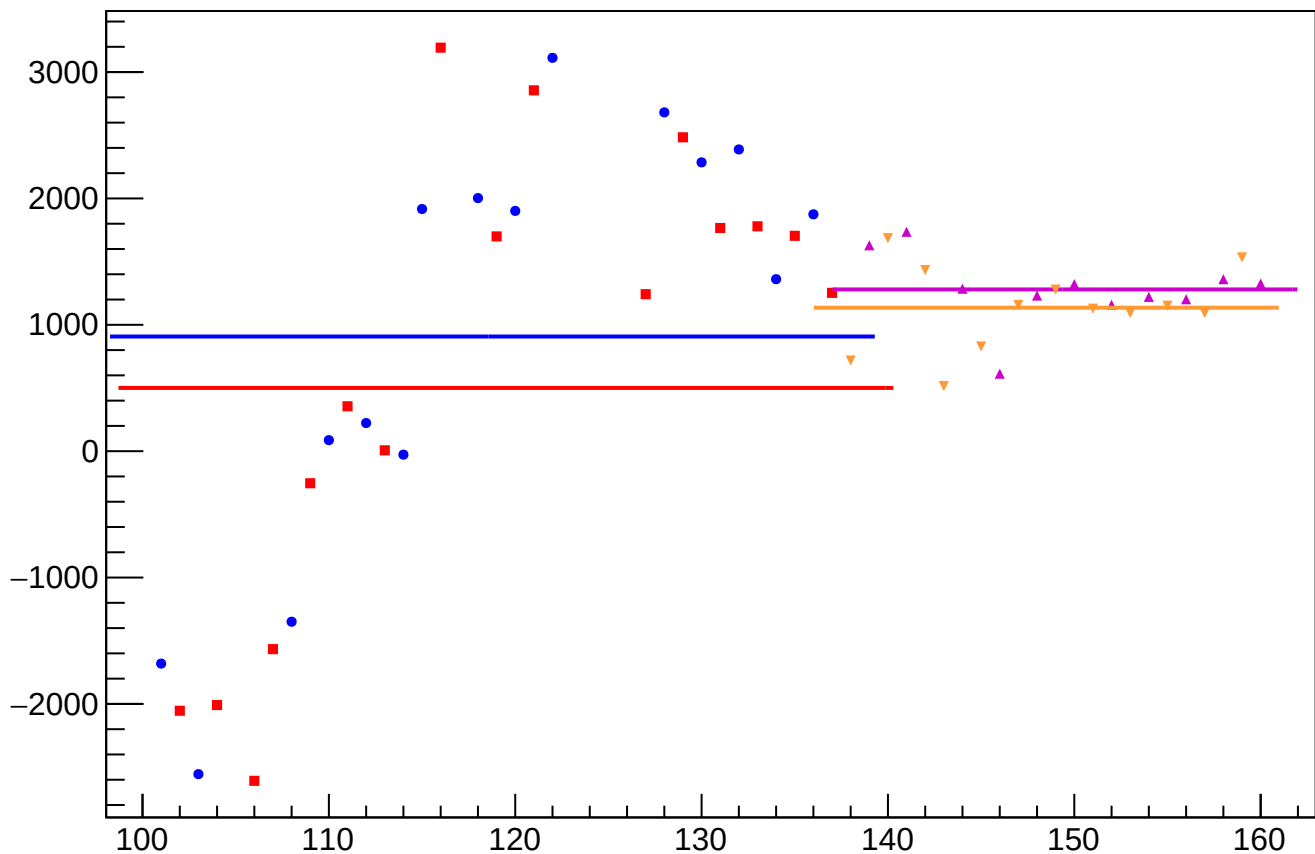


Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

dit_sam7_coil4_Ndata_mean vs Slug



dit_sam8_coil4_mean vs Slug



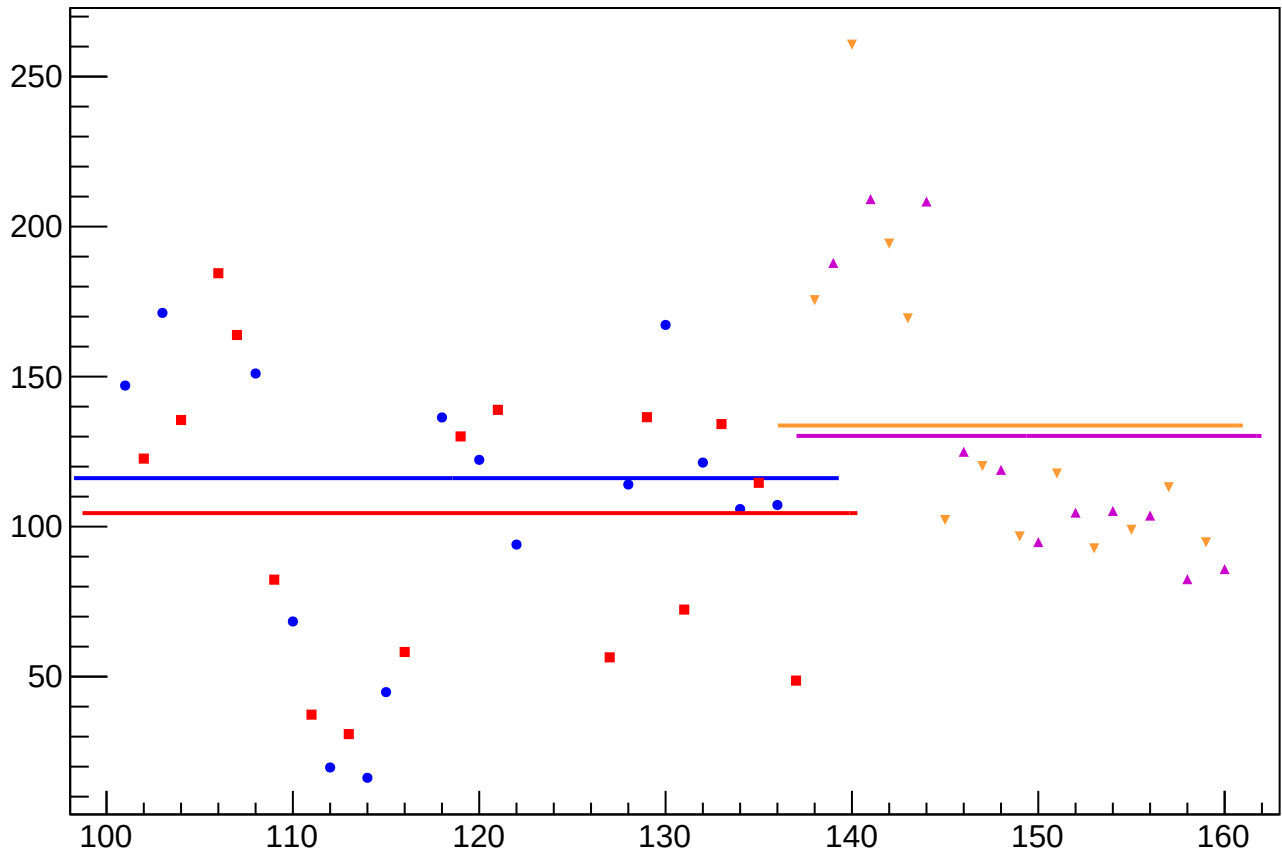
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ sign 1040.809+/-0.000 χ^2/NDF : 22174332894874

All: 996.658+/-0.000 χ^2/NDF : 460055616816

- sign 953.284+/-0.000 χ^2/NDF : 237708288217536

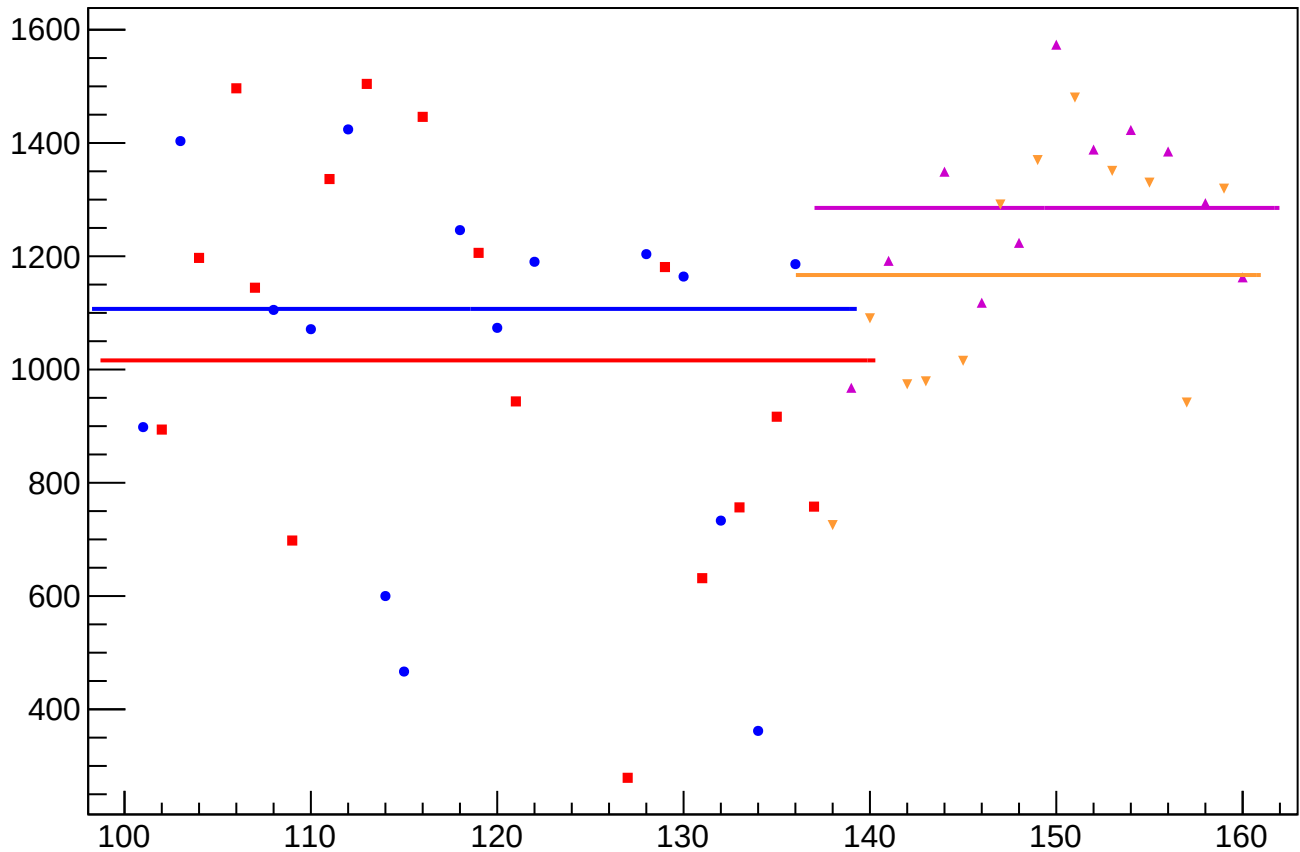
dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000	χ^2/NDF : 1198526427485199785396504127288115200.0/14
Left Out: 133.695+/-0.000	χ^2/NDF : 2332238004384262852879386446827356160.0/11
Right Out: 104.501+/-0.000	χ^2/NDF : 1285986383644058507445602420764180480.0/15
Left In: 130.237+/-0.000	χ^2/NDF : 1968814259217478663576054483231178752.0/10

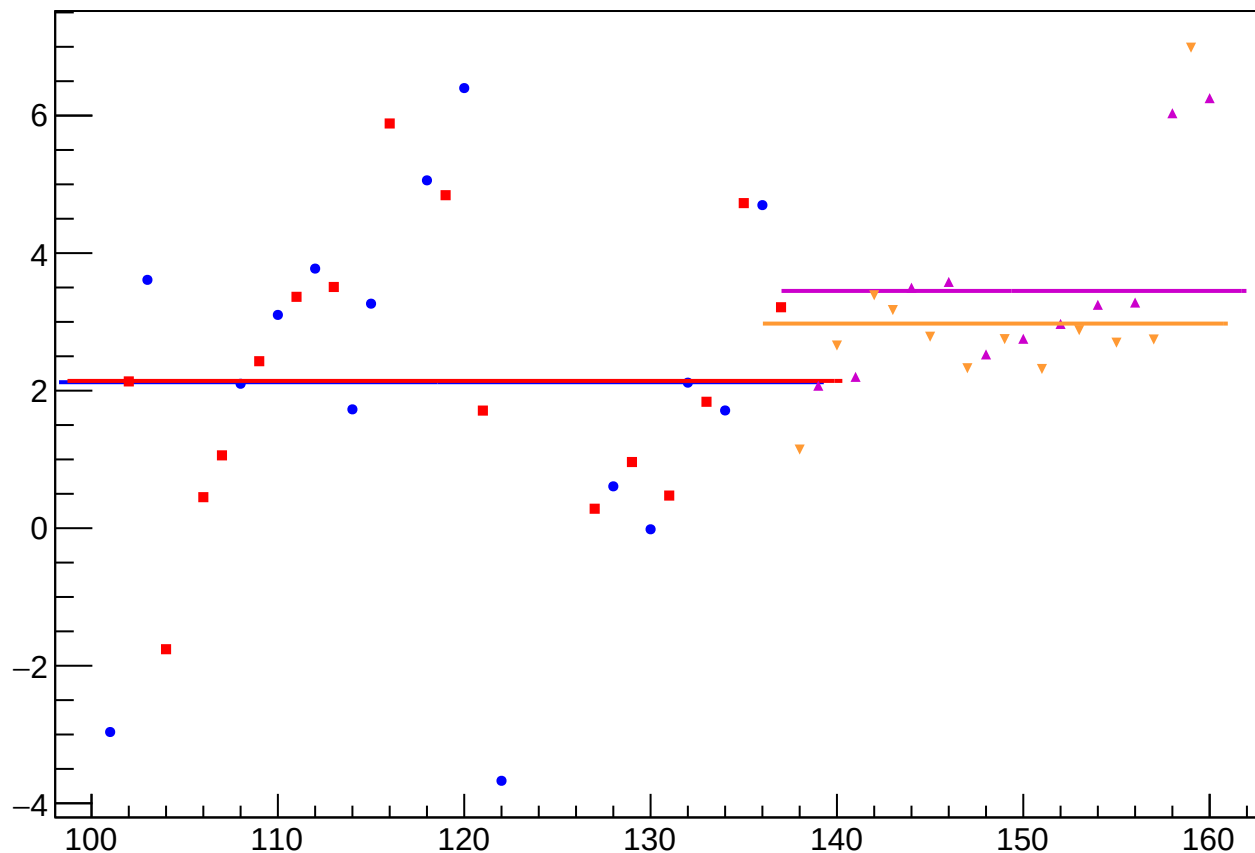
+ sign 126.414+/-0.000 χ^2/NDF : 364747445092715
 All: 122.900+/-0.000 χ^2/NDF : 71971163823
 - sign 119.447+/-0.000 χ^2/NDF : 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000

χ^2/NDF : 5263705922821075971022013849403392.0/14

Left Out: 2.975+/-0.000

χ^2/NDF : 1653073452461549310648226194391040.0/11

Right Out: 2.142+/-0.000

χ^2/NDF : 2472949940993672466161692257026048.0/15

Left In: 3.450+/-0.000

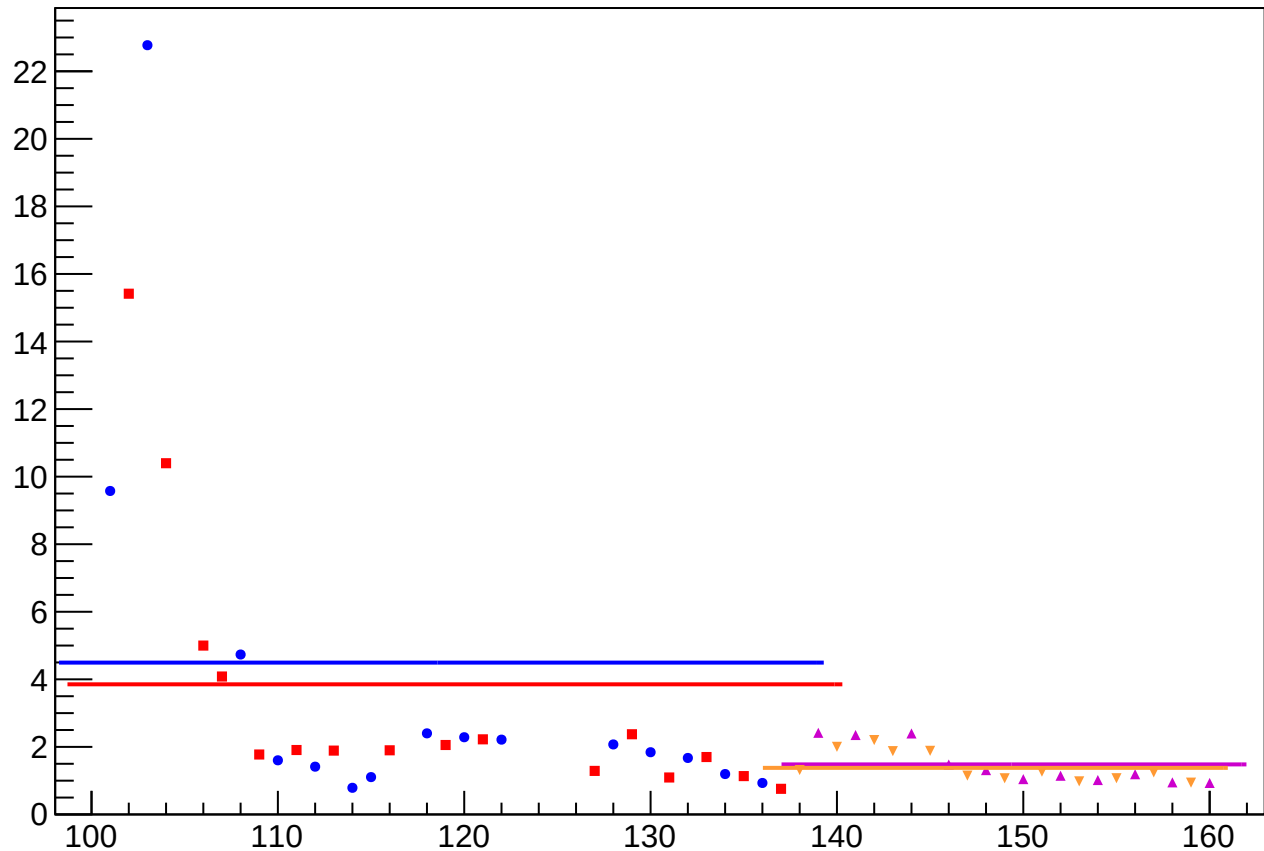
χ^2/NDF : 1551935058842125730993767819771904.0/10

+ sign 2.621+/-0.000 χ^2/NDF : 71926109698373780

All: 2.763+/-0.000 χ^2/NDF : 11942737584809

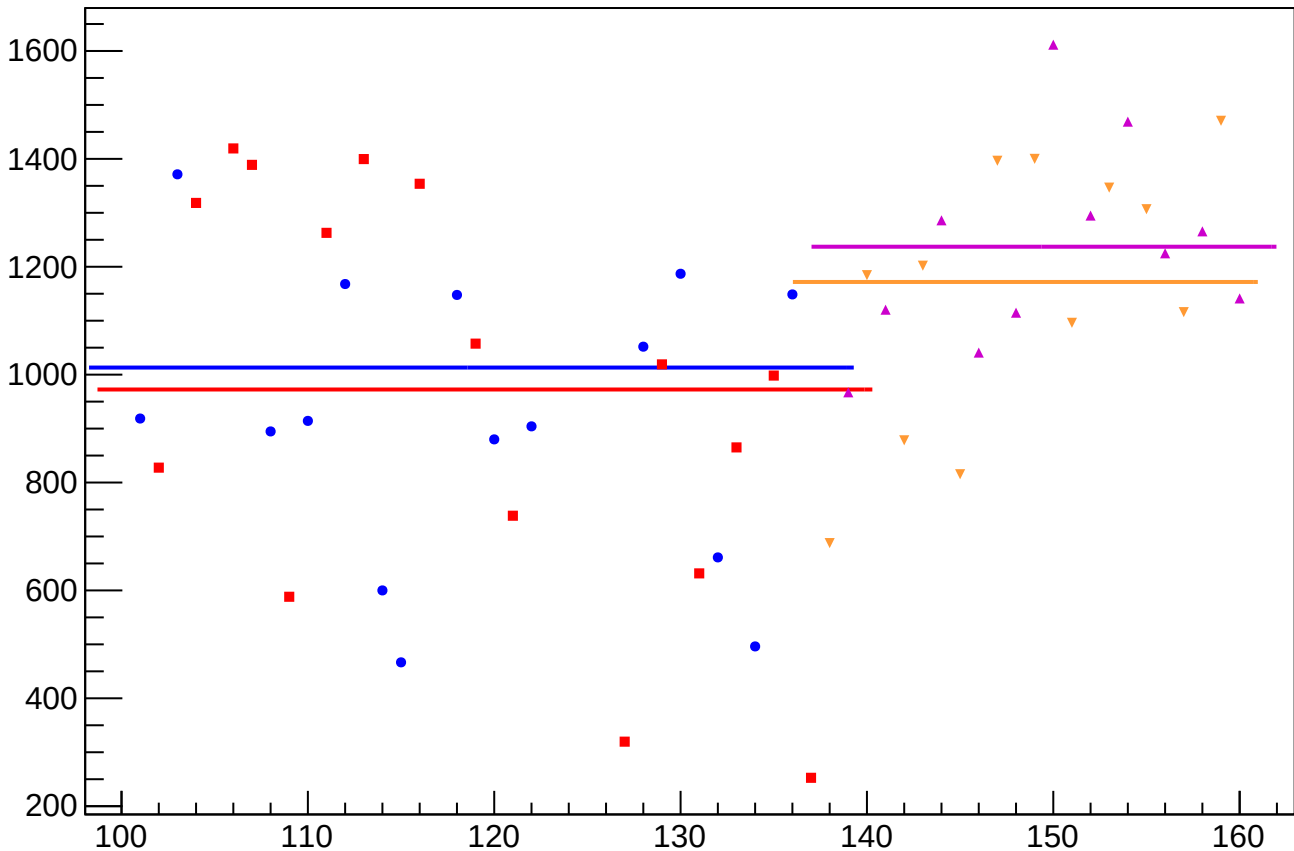
- sign 2.902+/-0.000 χ^2/NDF : 46881653143346508

dit_4aX_coil6_err_mean vs Slug



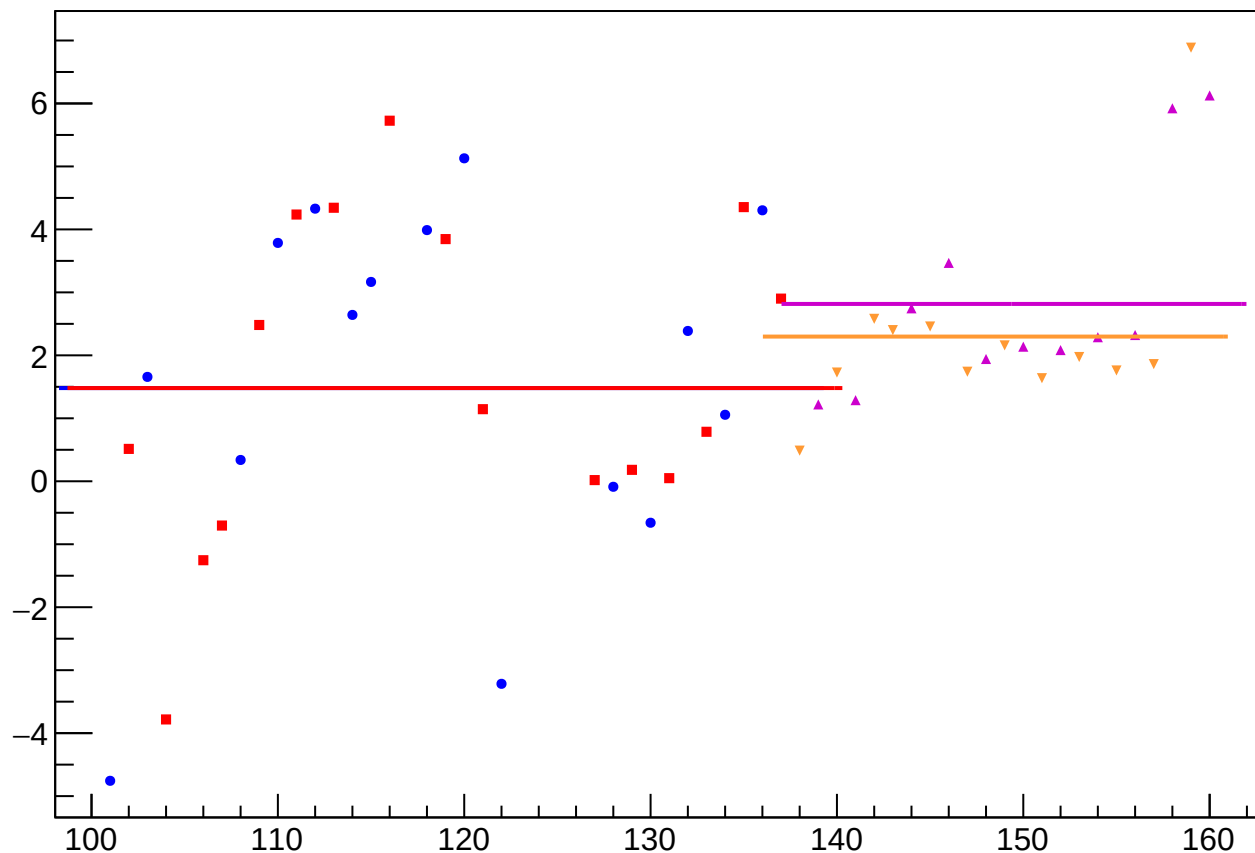
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14
 Left Out: 1.379 $\pm$ 0.000 χ^2 /NDF: 150384329501224226849656085151744.0/11
 Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15
 Left In: 1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10
 All: 2.573 $\pm$ 0.000 χ^2 /NDF: 43938576112447.0/10
 + sign 2.673 $\pm$ 0.000 χ^2 /NDF: 29105436808146683.0/10
 - sign 2.476 $\pm$ 0.000 χ^2 /NDF: 14802405912641910.0/10

dit_4aX_coil6_Ndata_mean vs Slug



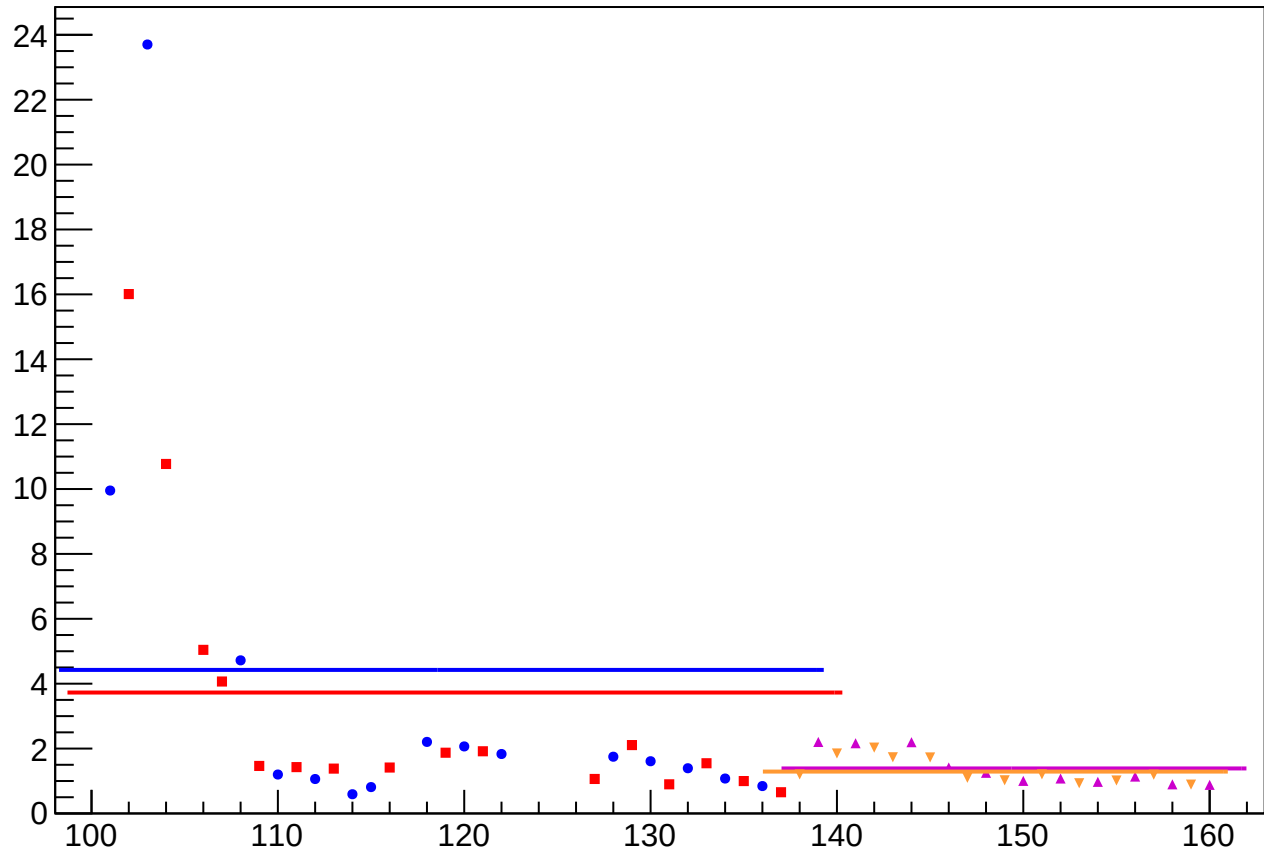
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_4eX_coil6_mean vs Slug



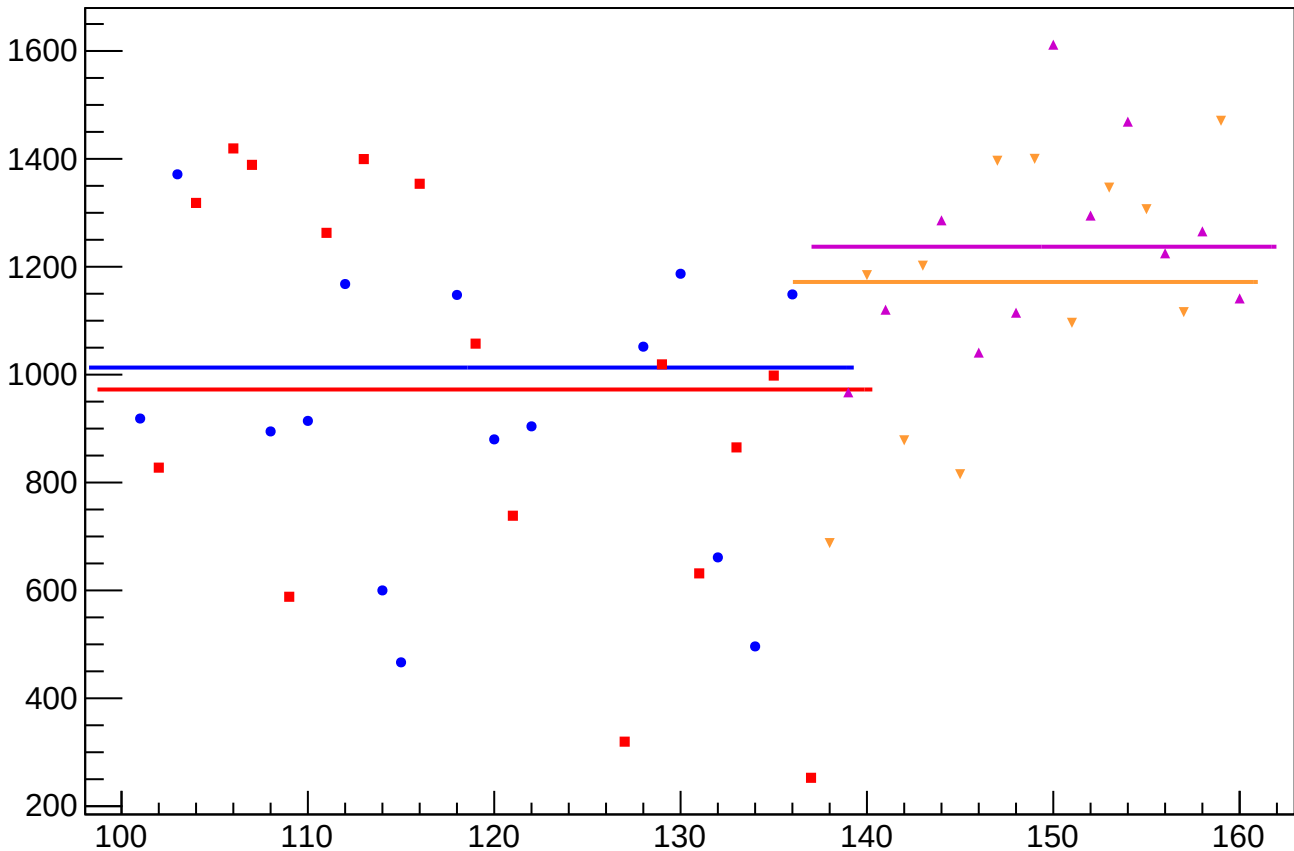
Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14
 Left Out: 2.298 $\pm$ 0.000 χ^2 /NDF: 2079870991739780462593334803693568.0/11
 Right Out: 1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15
 Left In: 2.816 $\pm$ 0.000 χ^2 /NDF: 2230790234579581781884760219451392.0/10

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

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

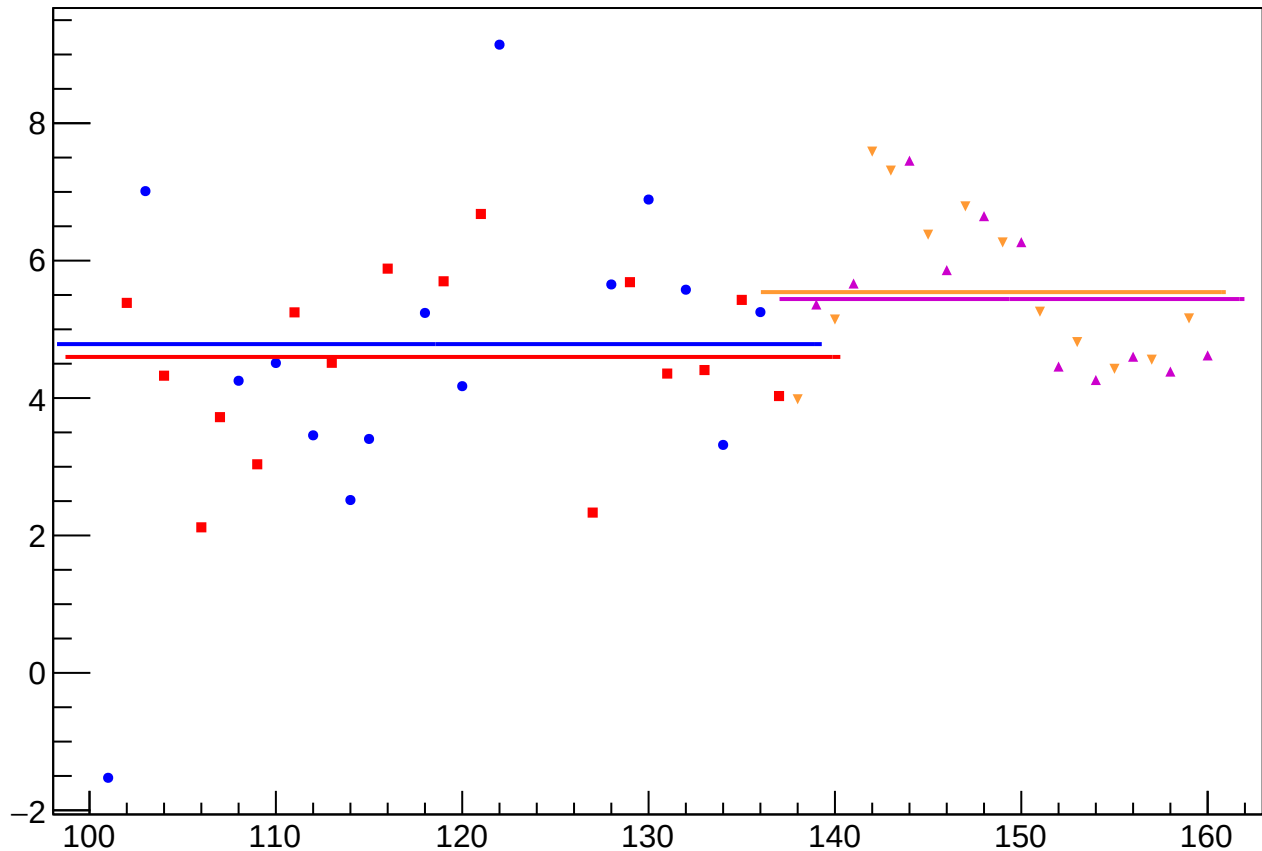
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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



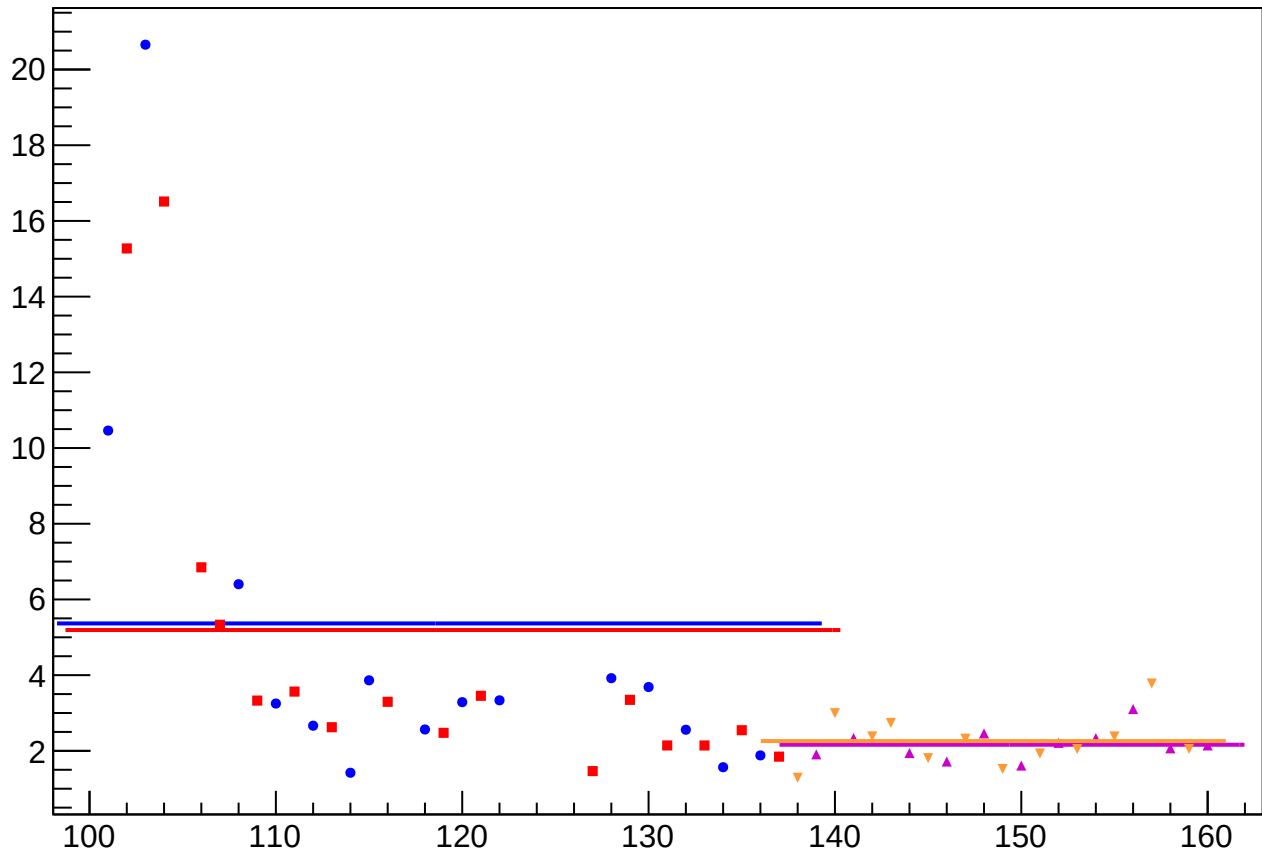
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.542+/-0.000 χ^2/NDF : 1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

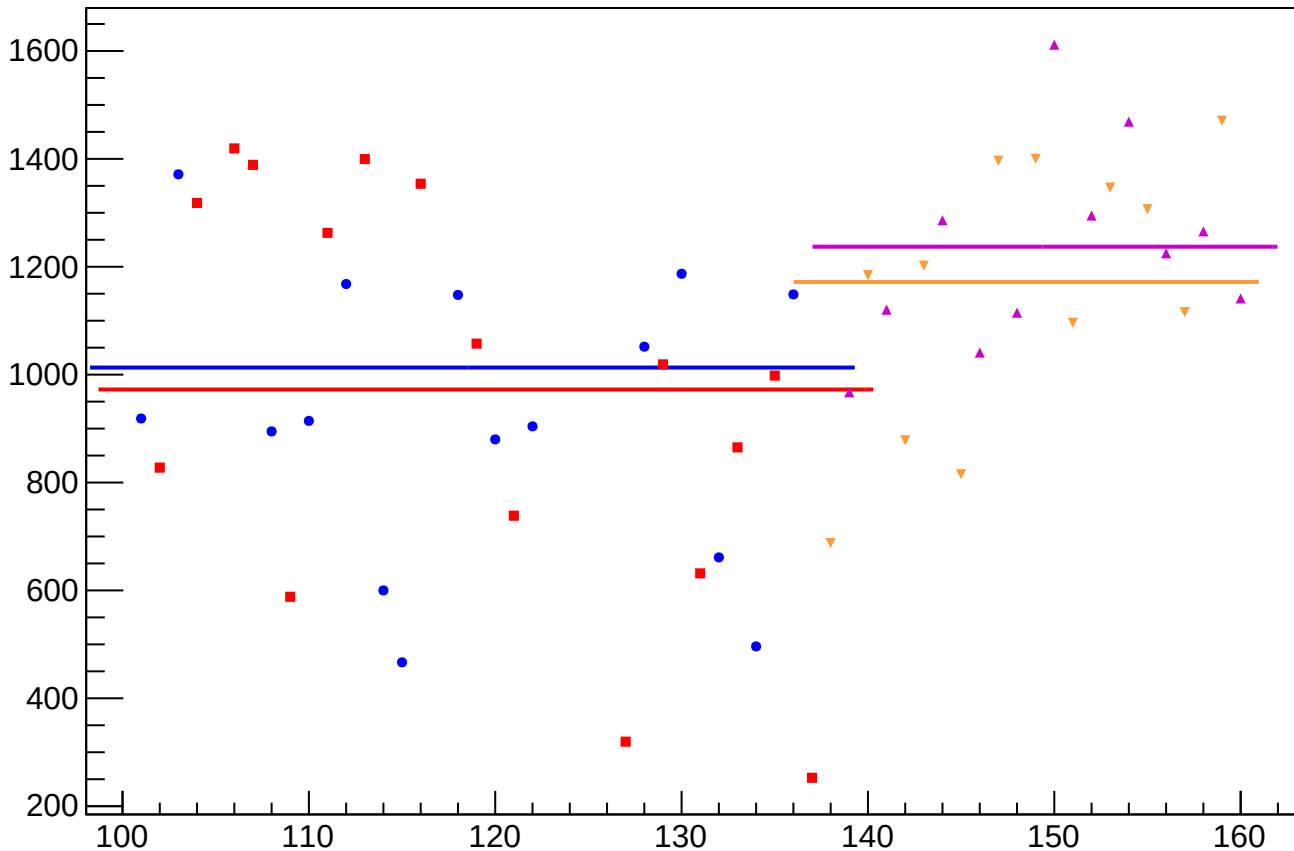
Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

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

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

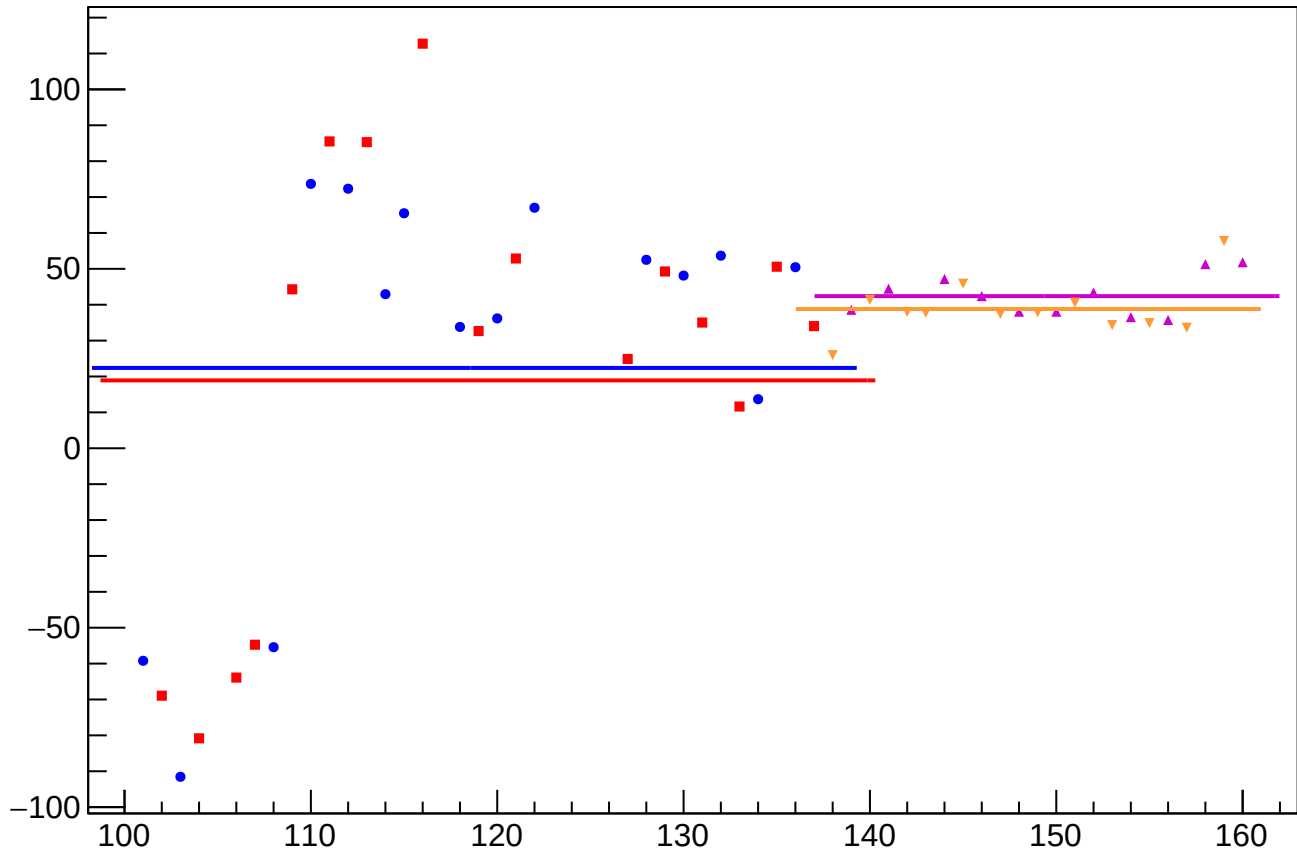
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

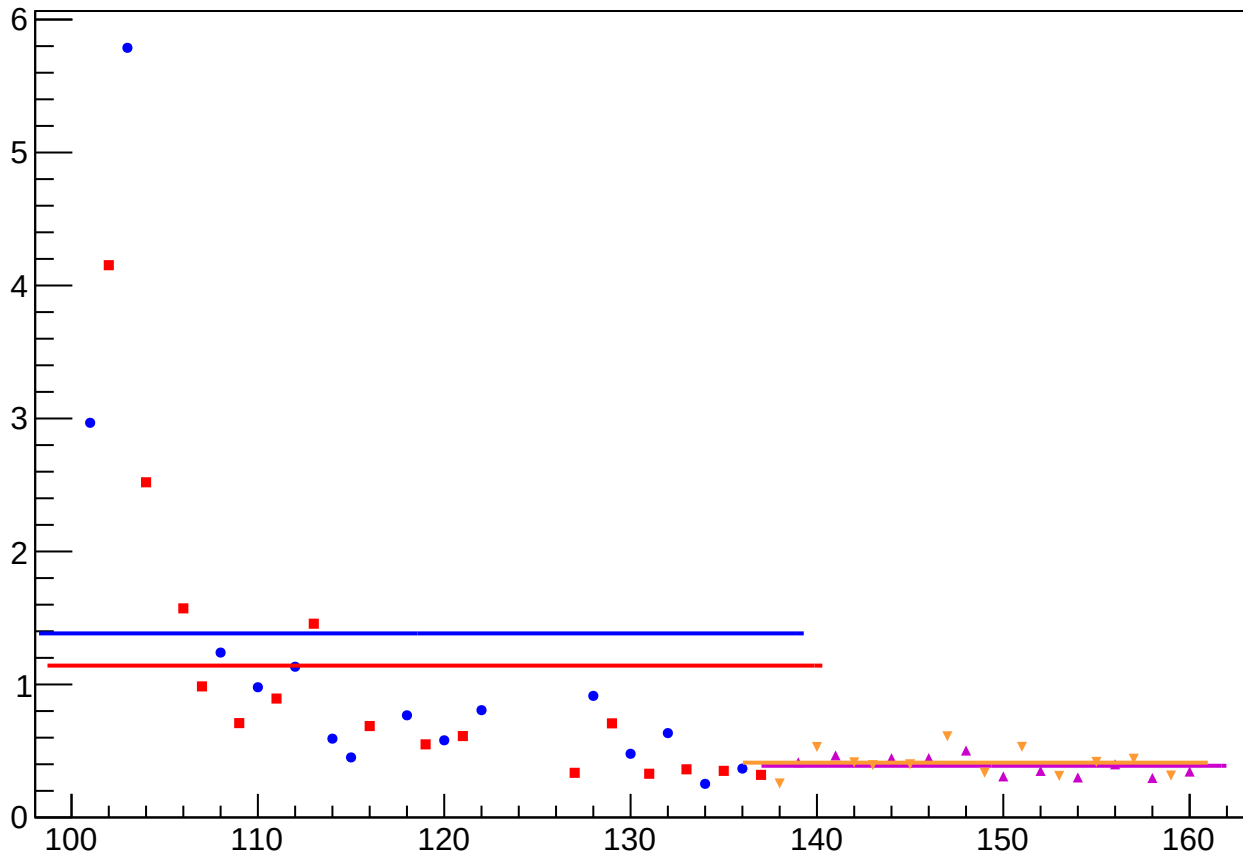
Left In: 42.386 $\pm$ 0.000 χ^2 /NDF: 26555660128562986553016927486214144.0/10

+ 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

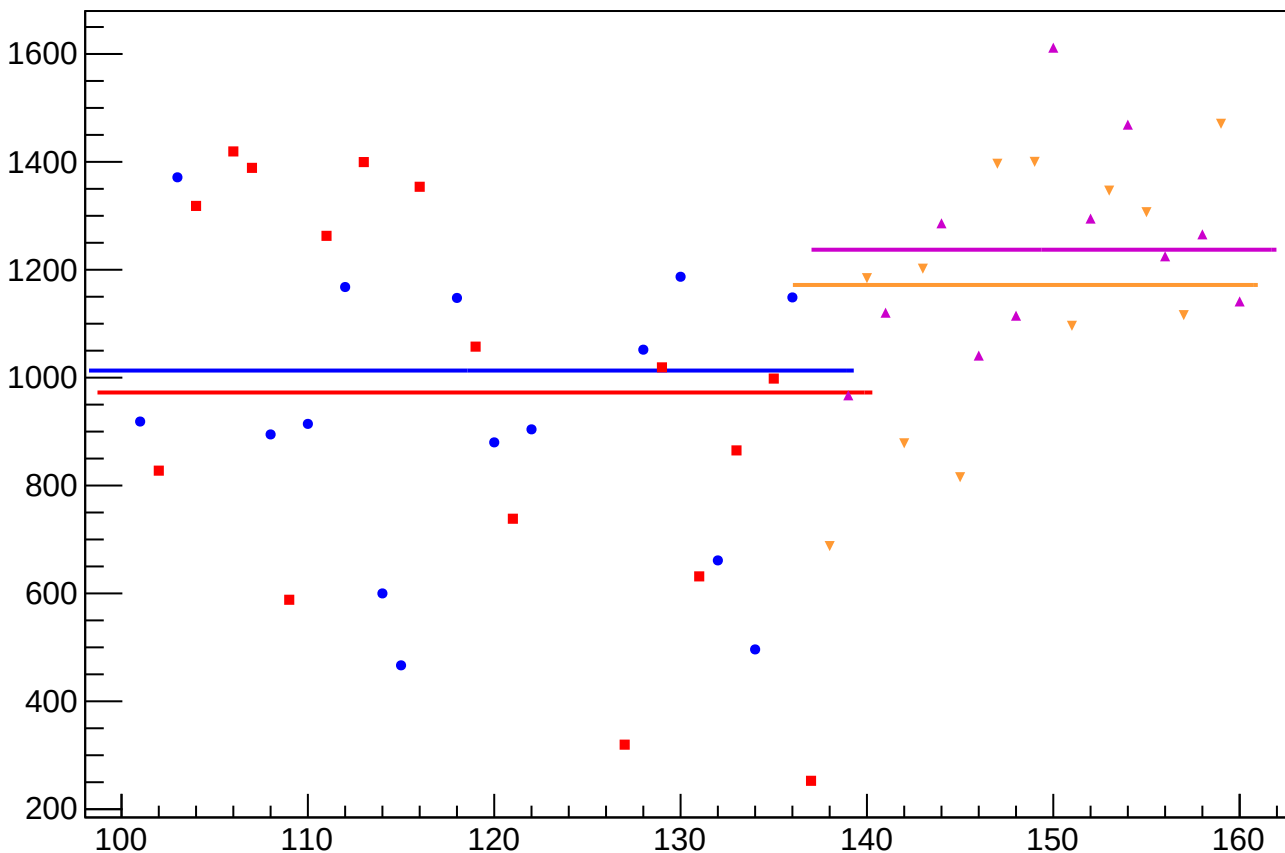
Left In: 0.389+/-0.000 χ^2/NDF : 4468112130112640641394154668032.0/10

+ 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

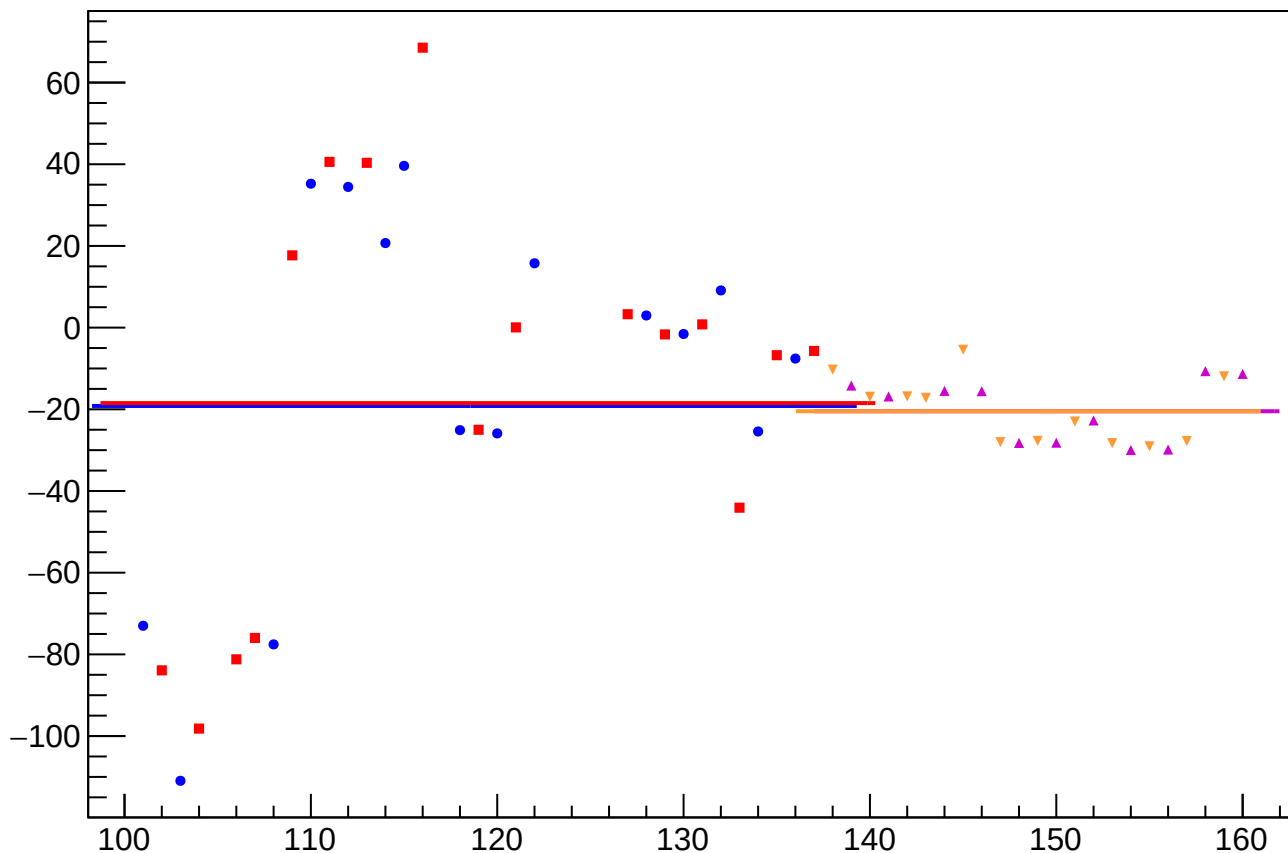
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

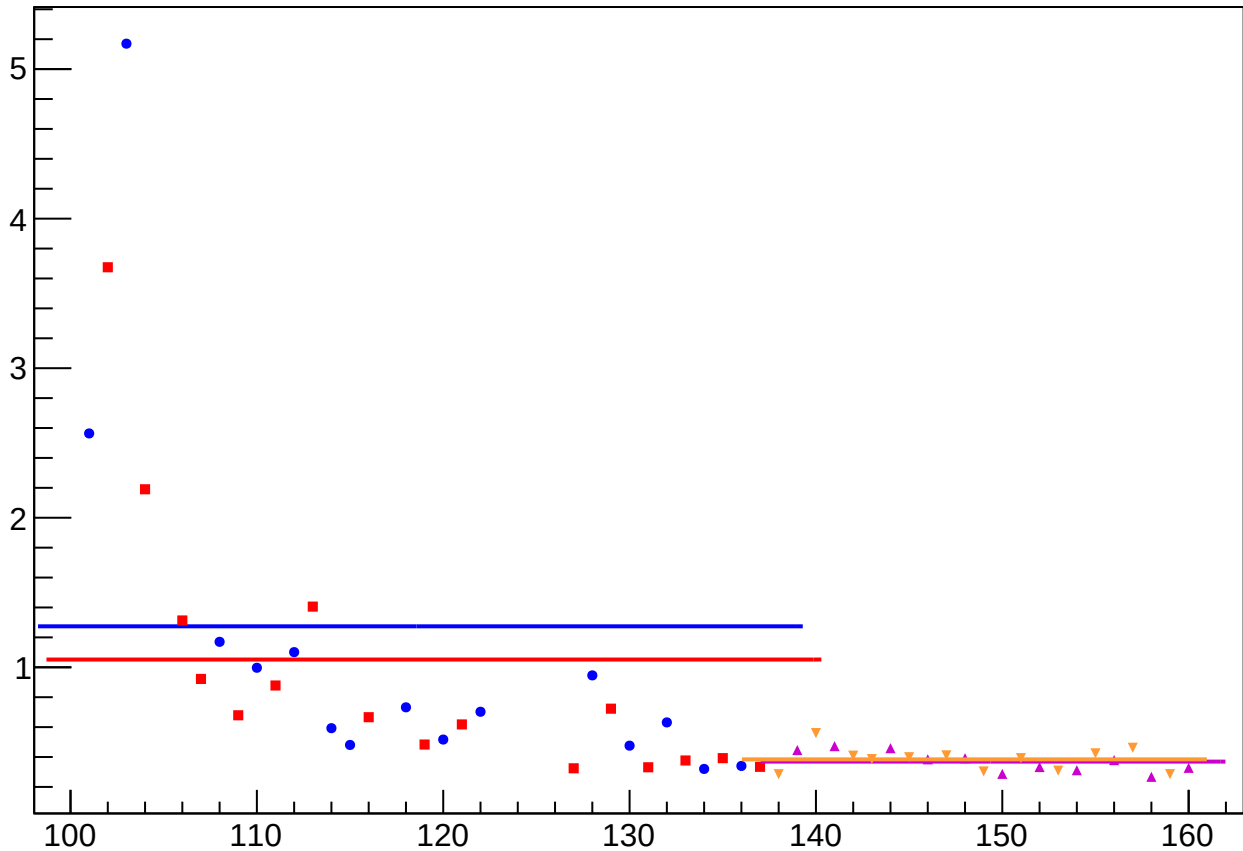
Left In: -20.473 ± 0.000 $\chi^2/\text{NDF}: 48484953363349820110348478937300992.0/10$

All: -19.782 ± 0.000 $\chi^2/\text{NDF}: 284511592850$

+ sign -19.930 ± 0.000 $\chi^2/\text{NDF}: 130562508565939$

- sign -19.637 ± 0.000 $\chi^2/\text{NDF}: 1539423306551337$

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14

Left Out: 0.384+/-0.000 χ^2/NDF : 5822322029078598268260129439744.0/11

Right Out: 1.052+/-0.000 χ^2/NDF : 607316121057753919194559126962176.0/15

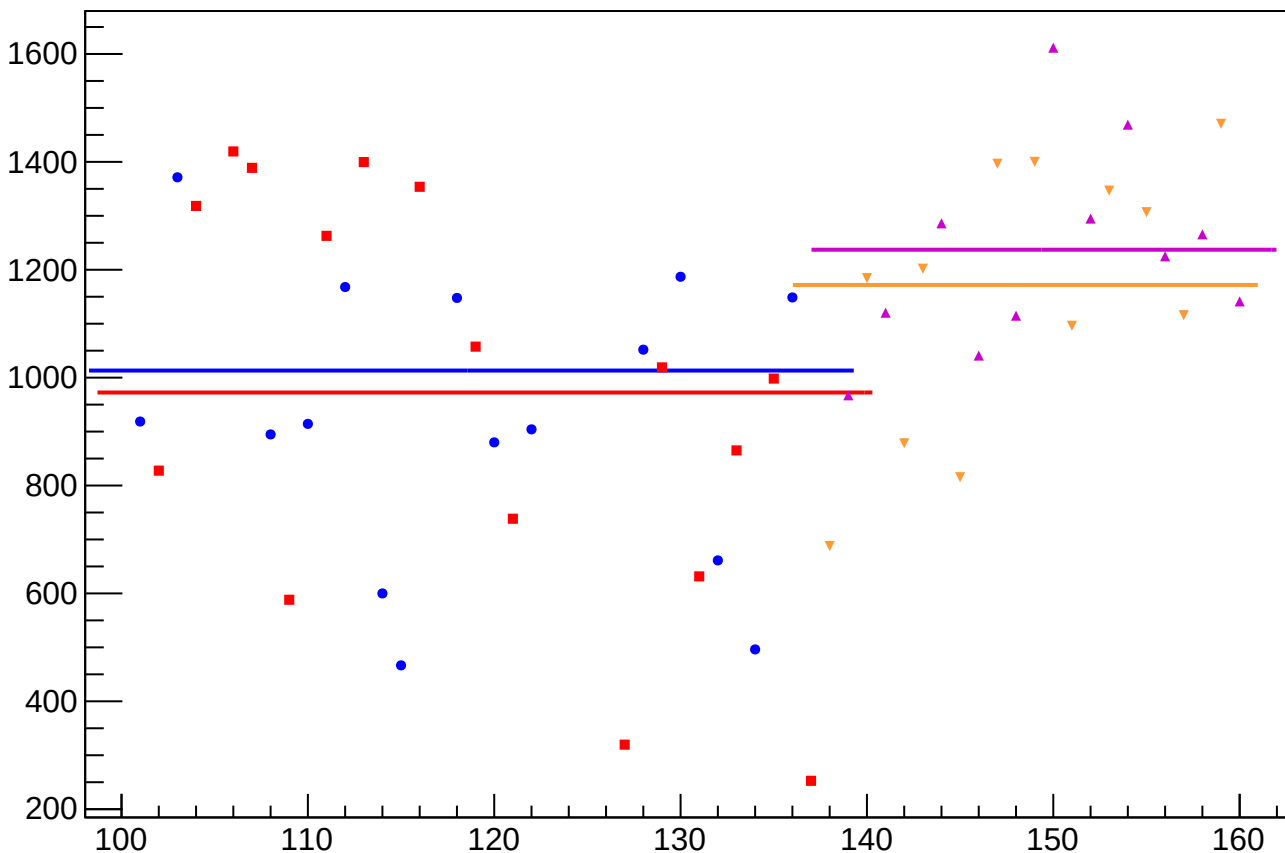
Left In: 0.369+/-0.000 χ^2/NDF : 4166350638848138676707816112128.0/10

+ 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

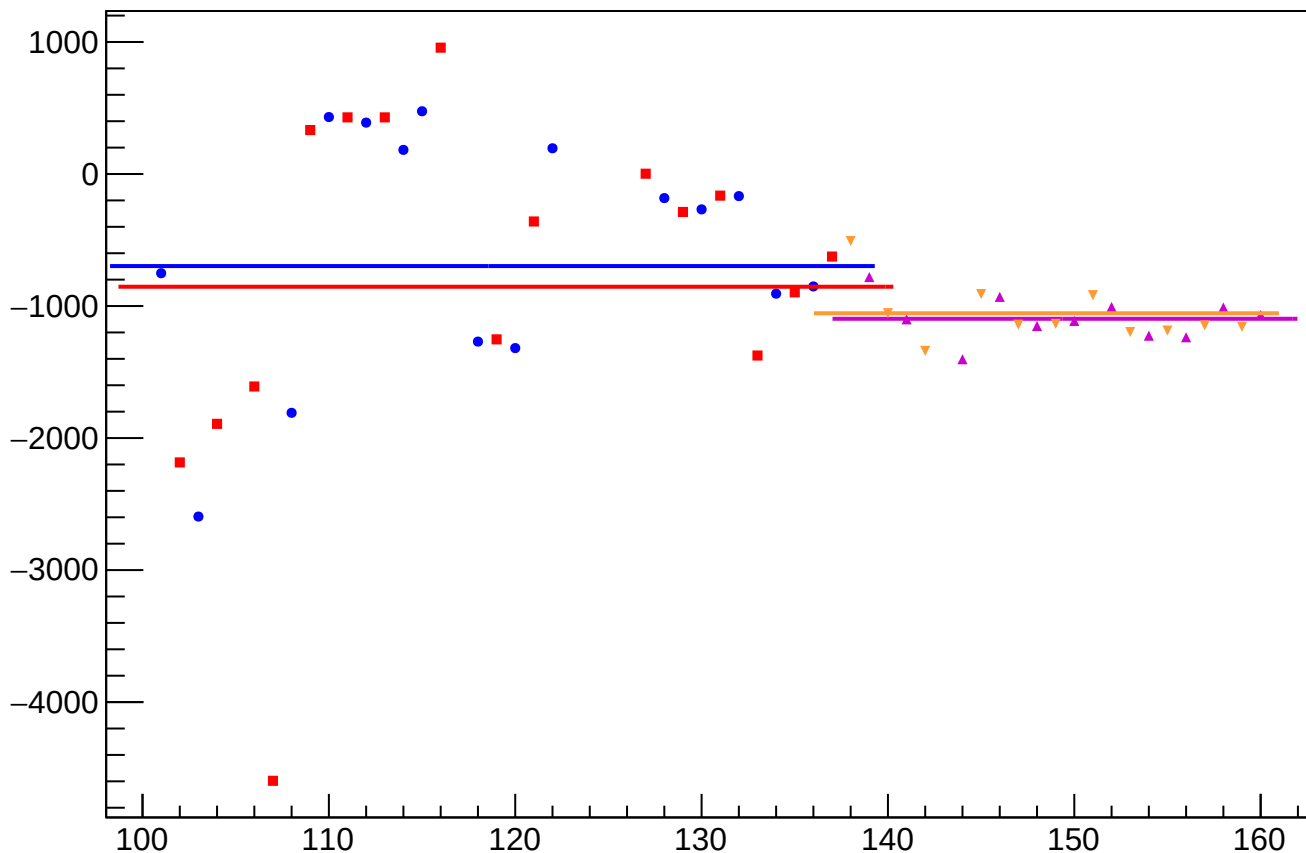
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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 $\chi^2/\text{NDF}: 490435790698133828475769692944364208128.0/14$

Left Out: -1054.675 ± 0.000 $\chi^2/\text{NDF}: 35893414561751289831028004535805149184.0/10$

Right Out: -853.734 ± 0.000 $\chi^2/\text{NDF}: 1078379020126412317155932275156201766912.0/15$

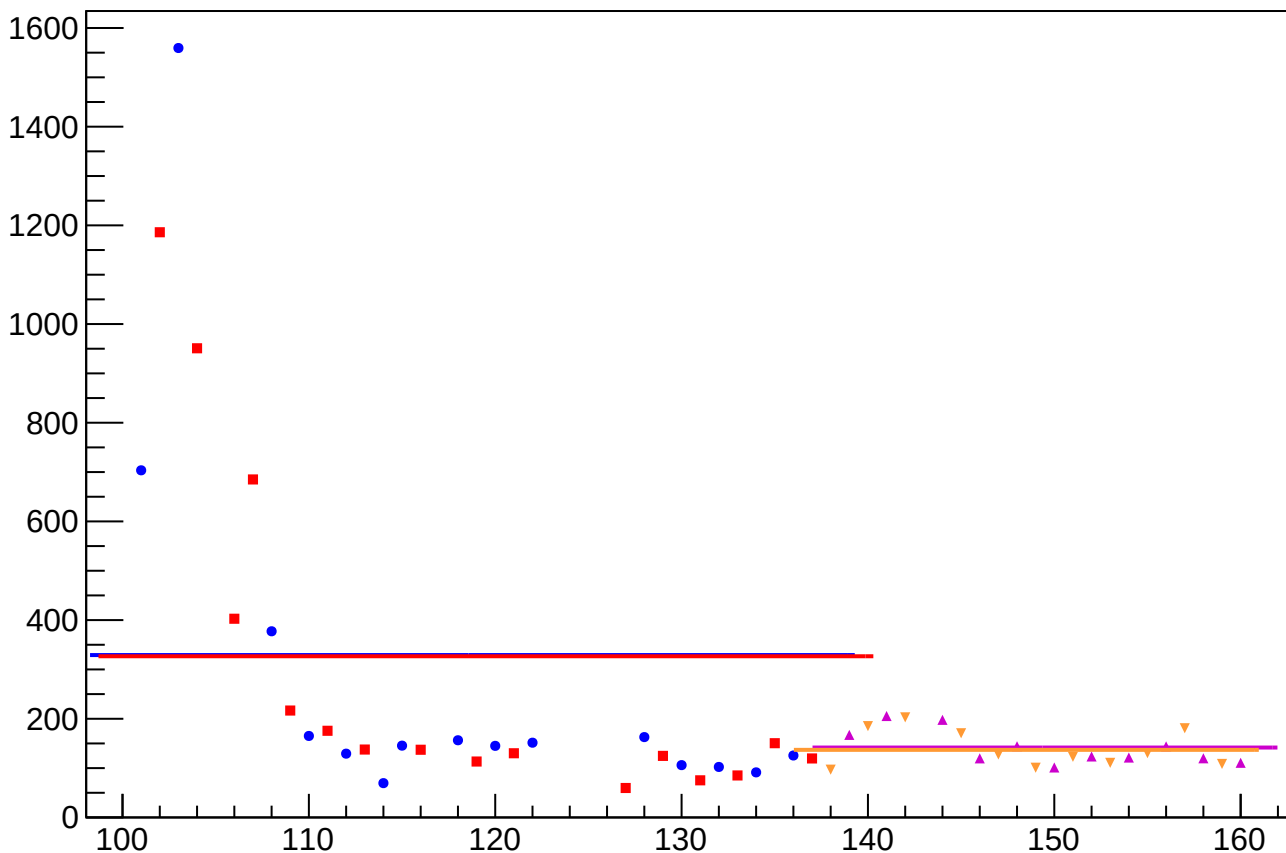
Left In: -1096.508 ± 0.000 $\chi^2/\text{NDF}: 23397092464085092375008014674557927424.0/10$

+ sign -899.630 ± 0.000 $\chi^2/\text{NDF}: 57326318903301$

All: -948.643 ± 0.000 $\chi^2/\text{NDF}: 17048438468$

- sign -994.729 ± 0.000 $\chi^2/\text{NDF}: 112460764695899$

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

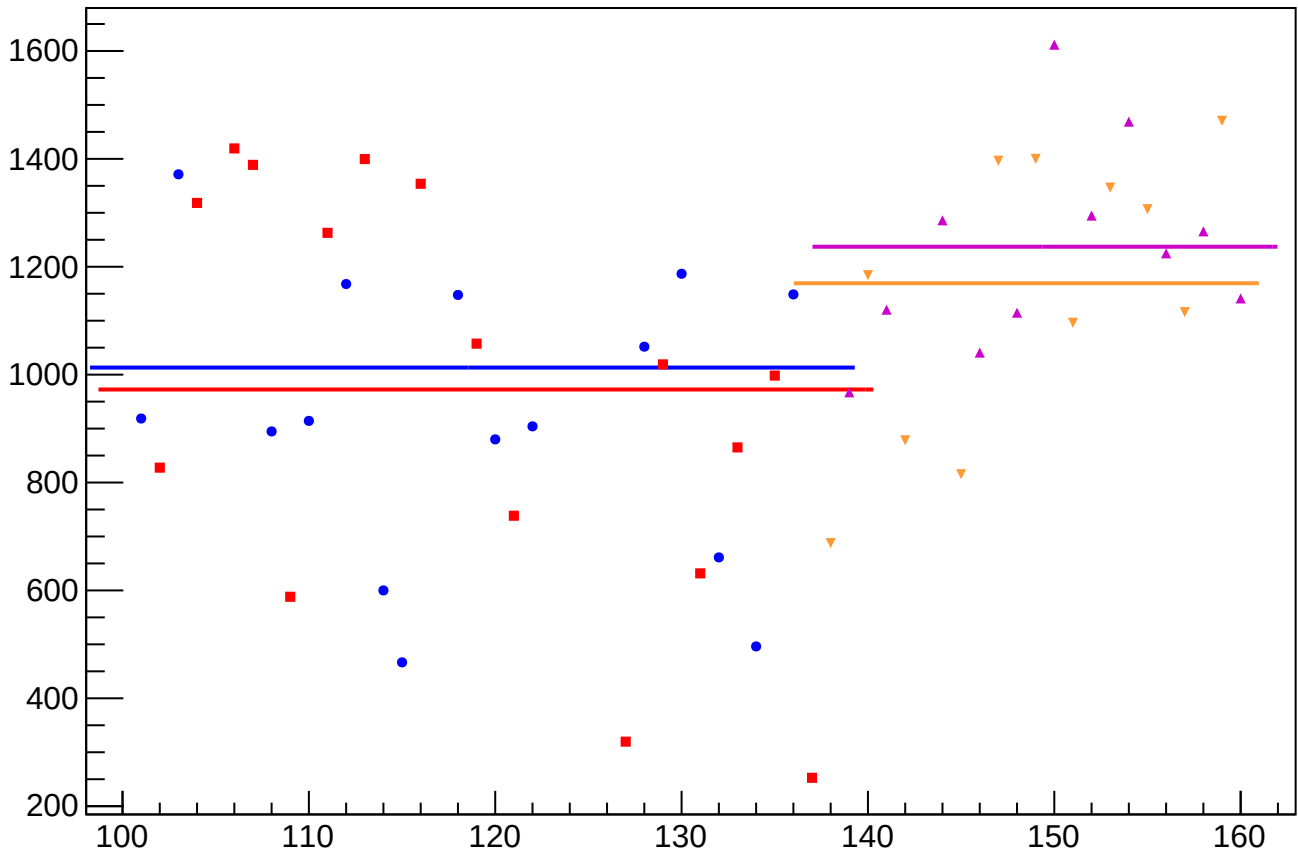
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 220.348+/-0.000 χ^2/NDF : 131437286987264

All: 219.782+/-0.000 χ^2/NDF : 233310972456

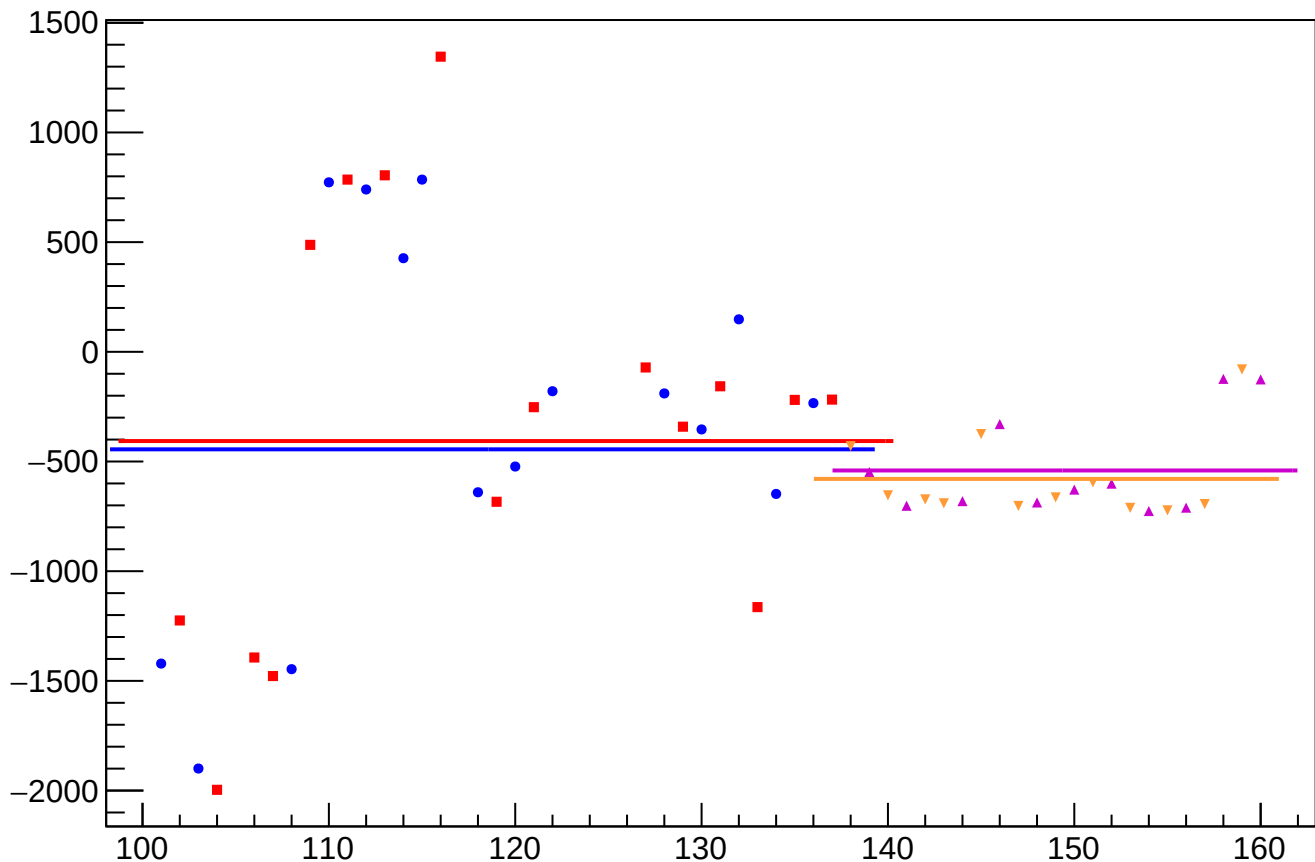
- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146 ± 0.000 $\chi^2/\text{NDF}: 31721270909522099205936100724856324096.0/14$
 Left Out: 1169.420 ± 0.000 $\chi^2/\text{NDF}: 52359058528484212152975817930553950208.0/10$
 Right Out: 972.465 ± 0.000 $\chi^2/\text{NDF}: 78884457200782655962756069915468234752.0/15$
 Left In: 1237.150 ± 0.000 $\chi^2/\text{NDF}: 30323445843993737164691986740223672320.0/10$

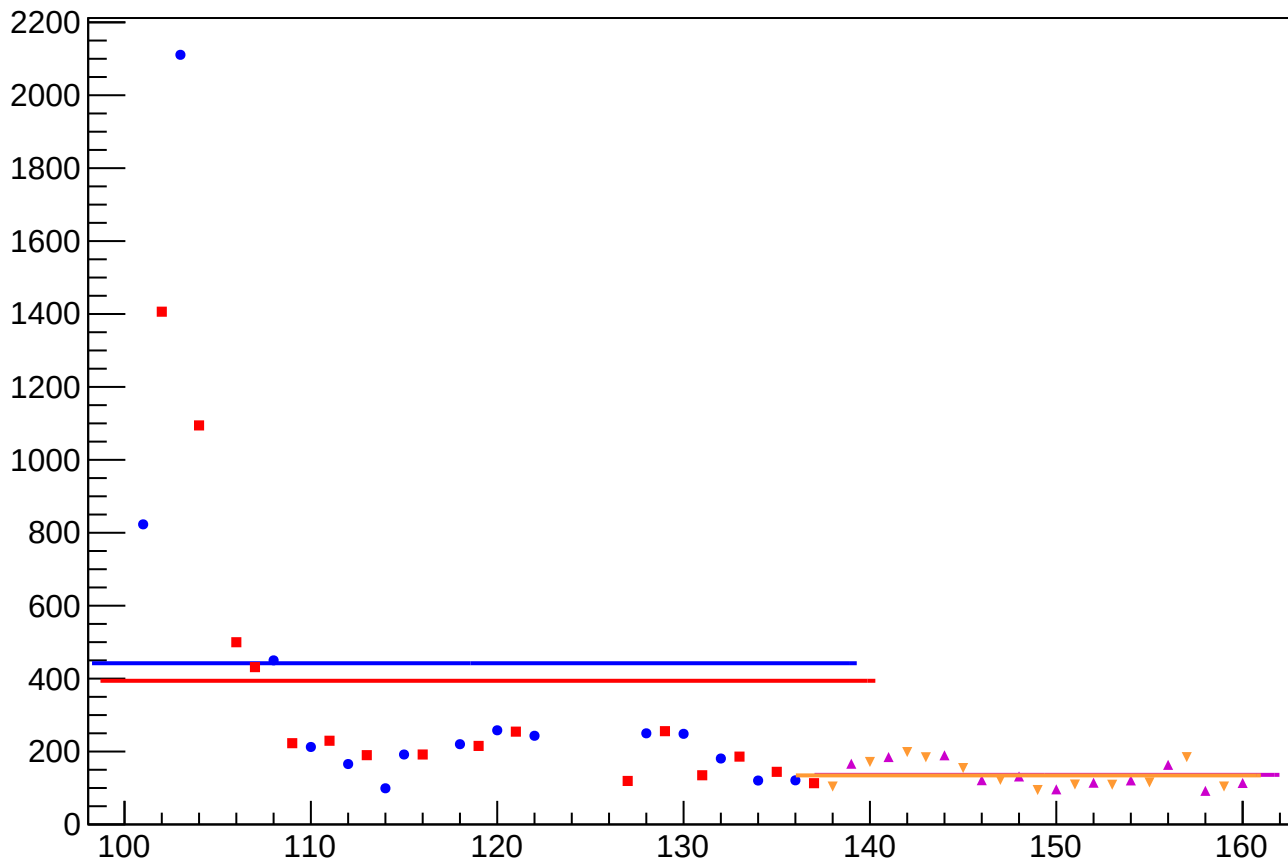
dit_usr_coil6_mean vs Slug



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 $\pm$ 0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562 $\pm$ 0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033 $\pm$ 0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

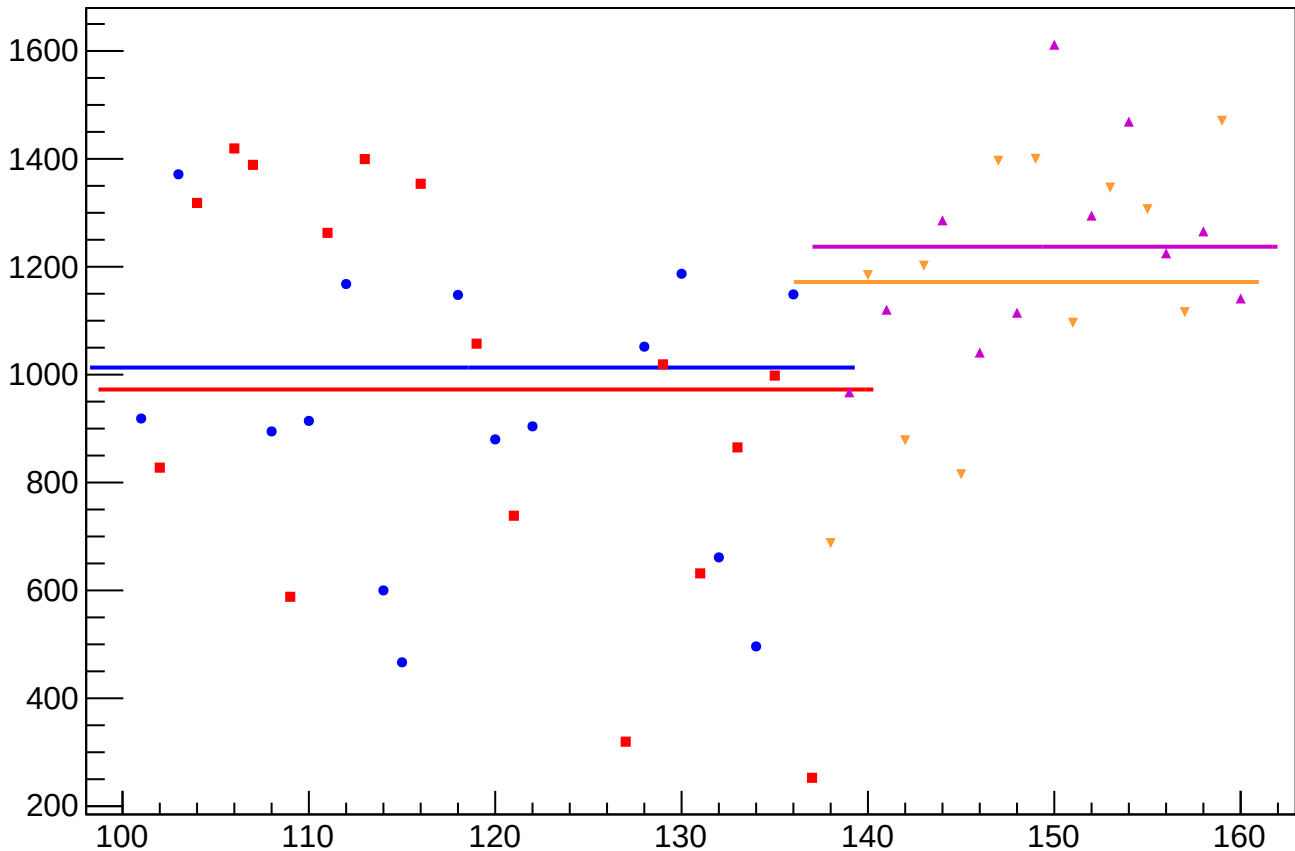
Left In: 136.040 $\pm$ 0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286 $\pm$ 0.000 χ^2/NDF : 241048188566854

All: 253.162 $\pm$ 0.000 χ^2/NDF : 37398353308

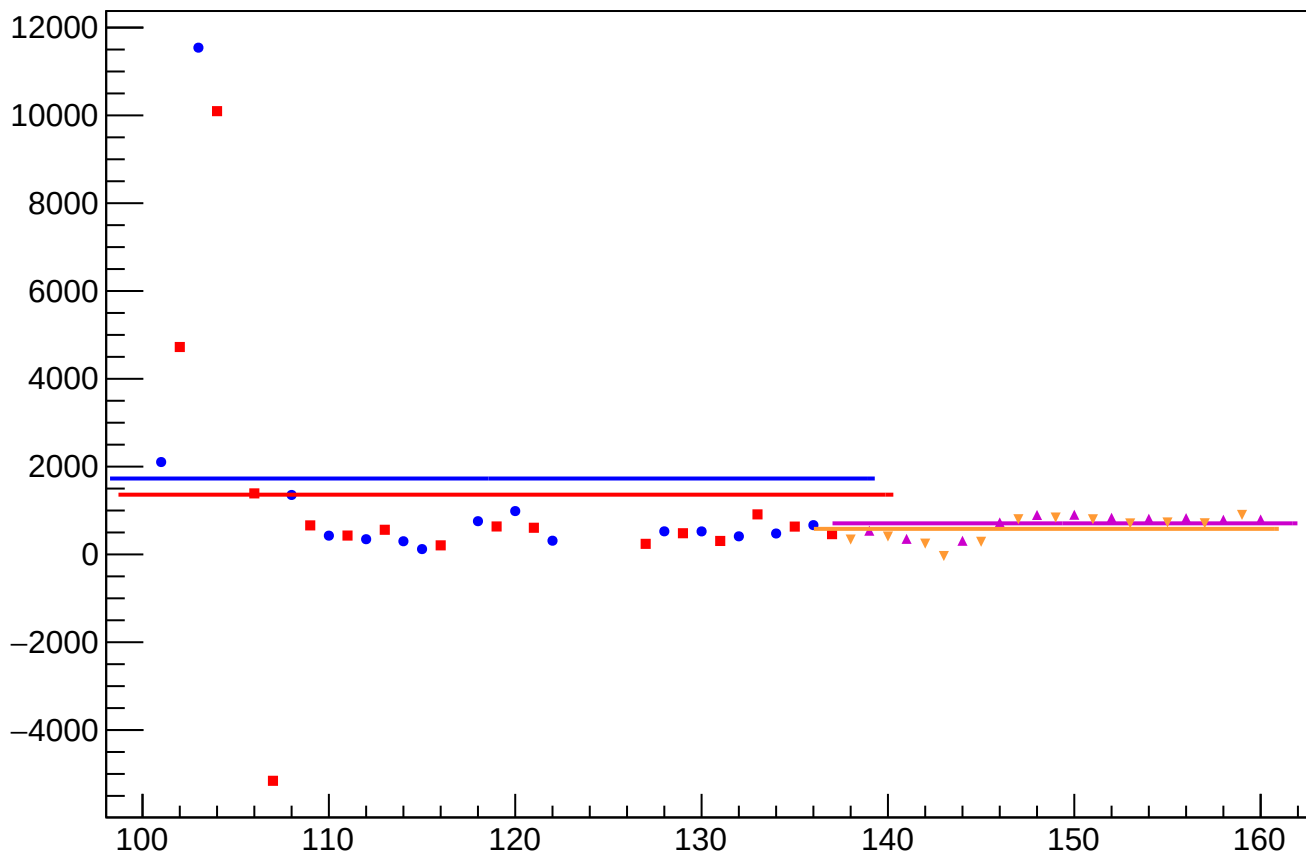
- sign 244.199 $\pm$ 0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



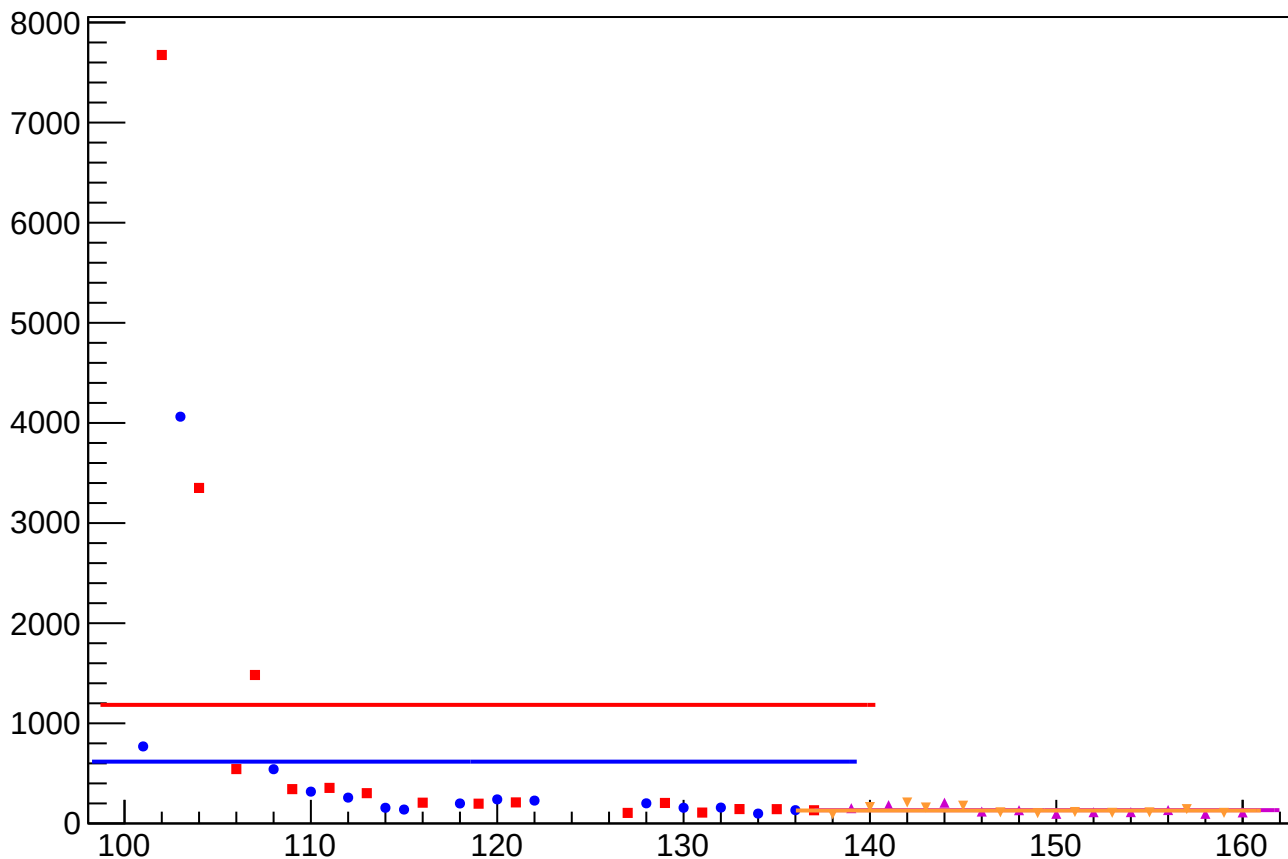
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 582.152+/-0.000 χ^2/NDF : 70083772647831486125732989768801714176.0/11
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889+/-0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10
 All: 1019.669+/-0.000 χ^2/NDF : 13621932895
 + sign 1058.360+/-0.000 χ^2/NDF : 69823808255157
 - sign 981.659+/-0.000 χ^2/NDF : 663491357929352

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

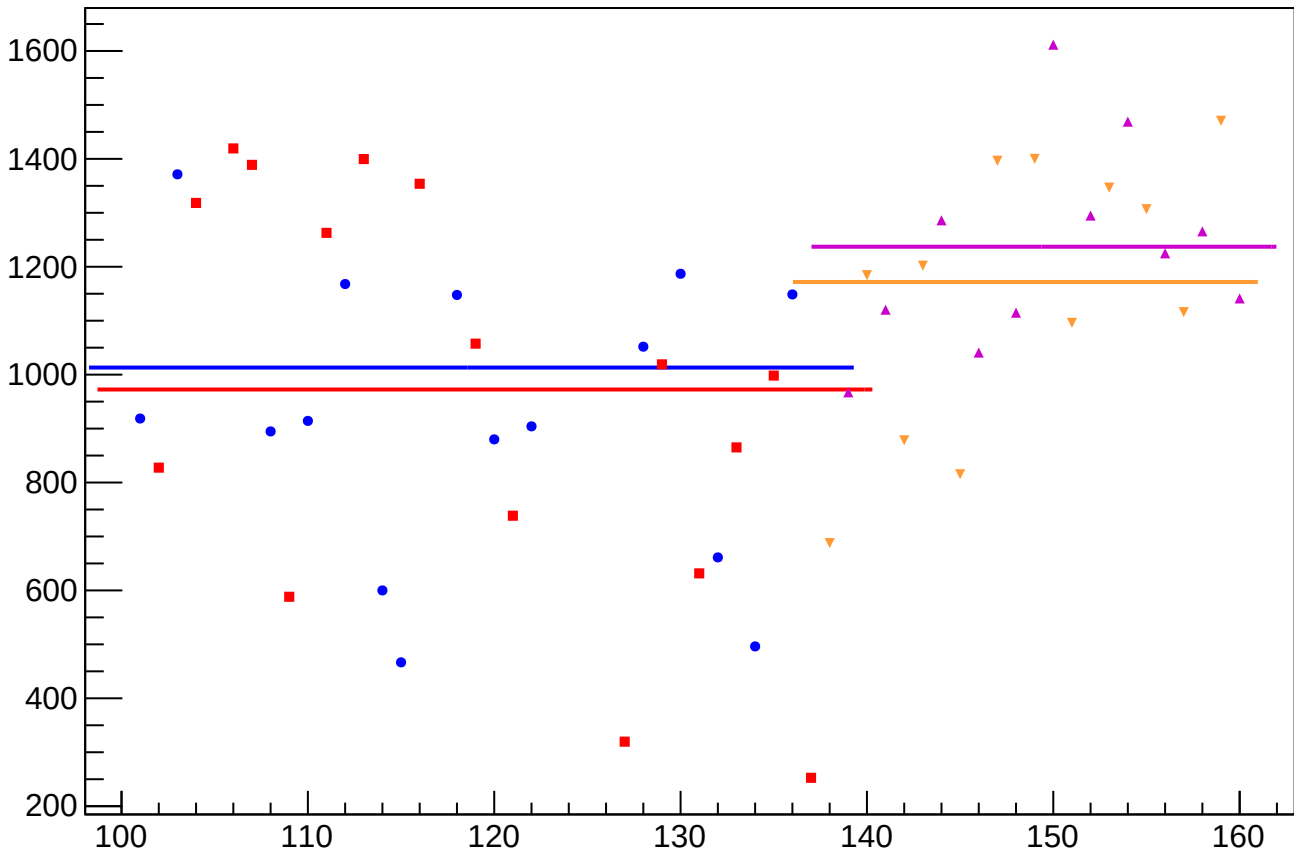
Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

All: 453.895+/-0.000 χ^2/NDF : 452656903212

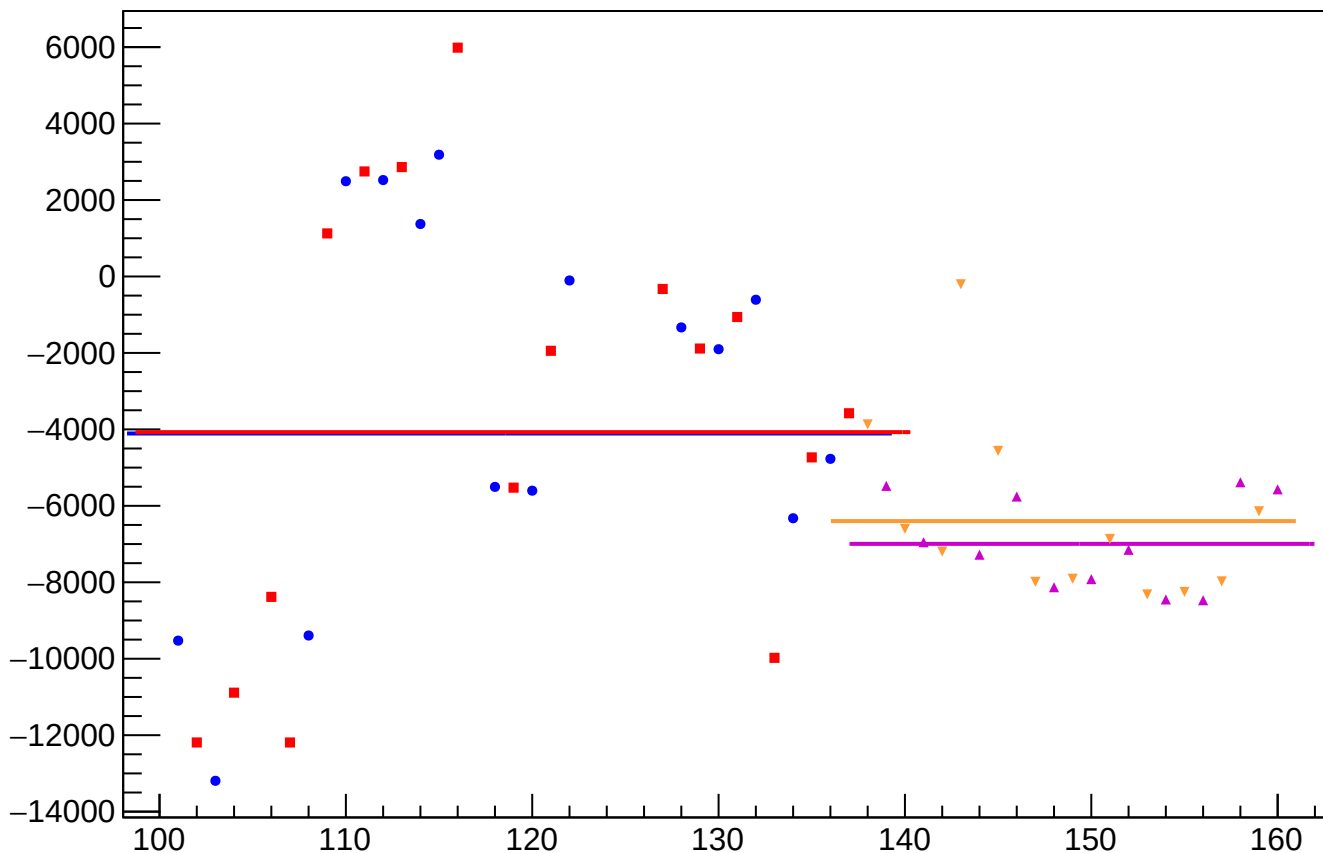
- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ 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_atl2_coil6_mean vs Slug



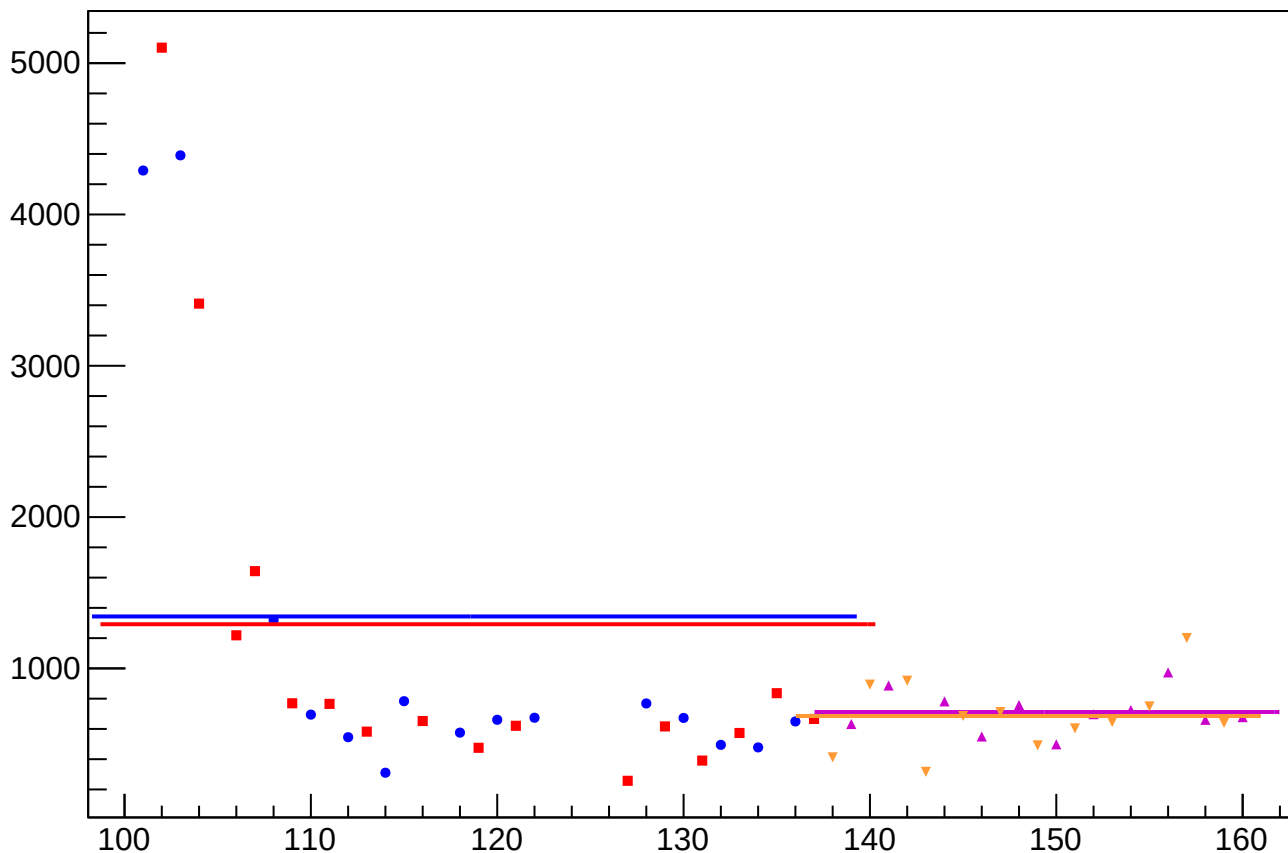
Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6398.906+/-0.000	χ^2/NDF : 4560292812943761149136938286094472970240.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

+ sign -5447.429+/-0.000 χ^2/NDF : 2108050211497

All: -5609.905+/-0.000 χ^2/NDF : 4607018672

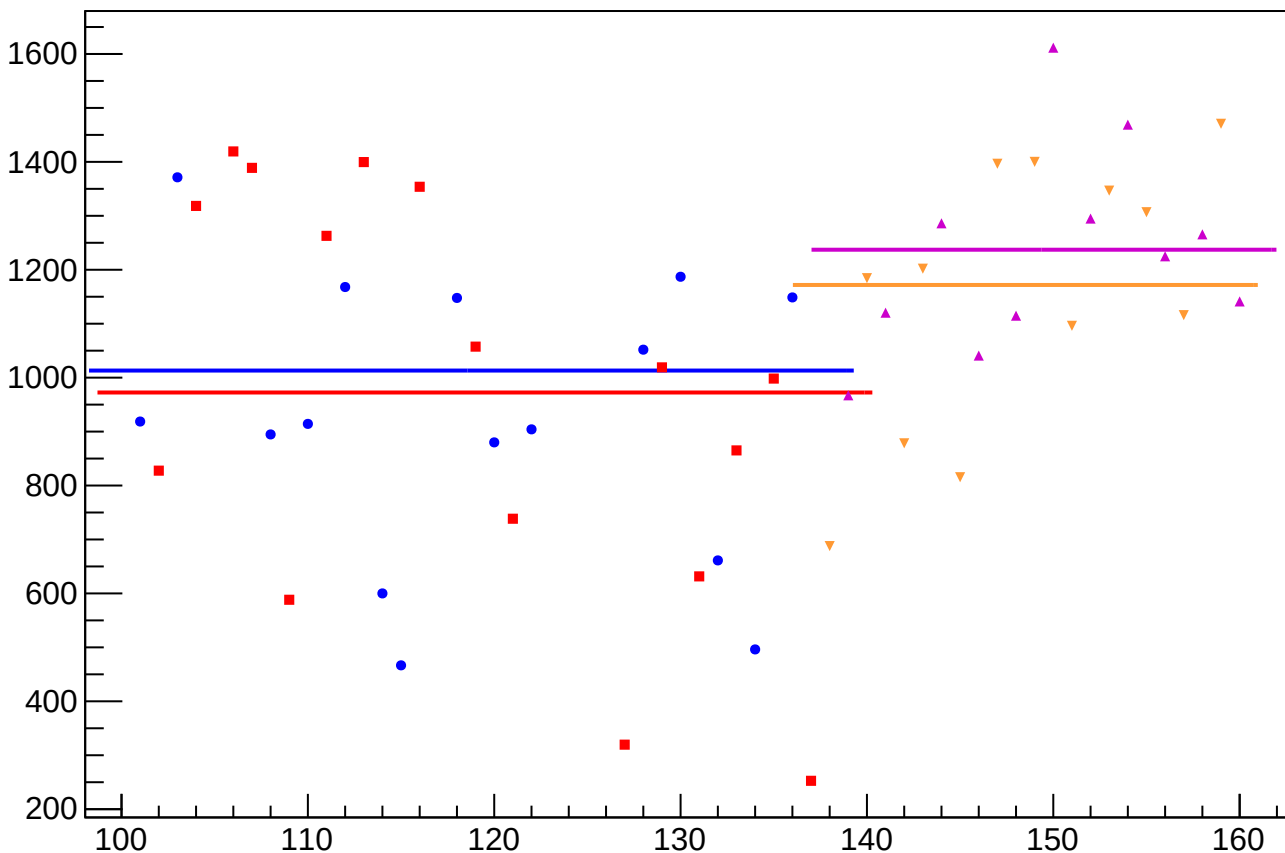
- sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

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

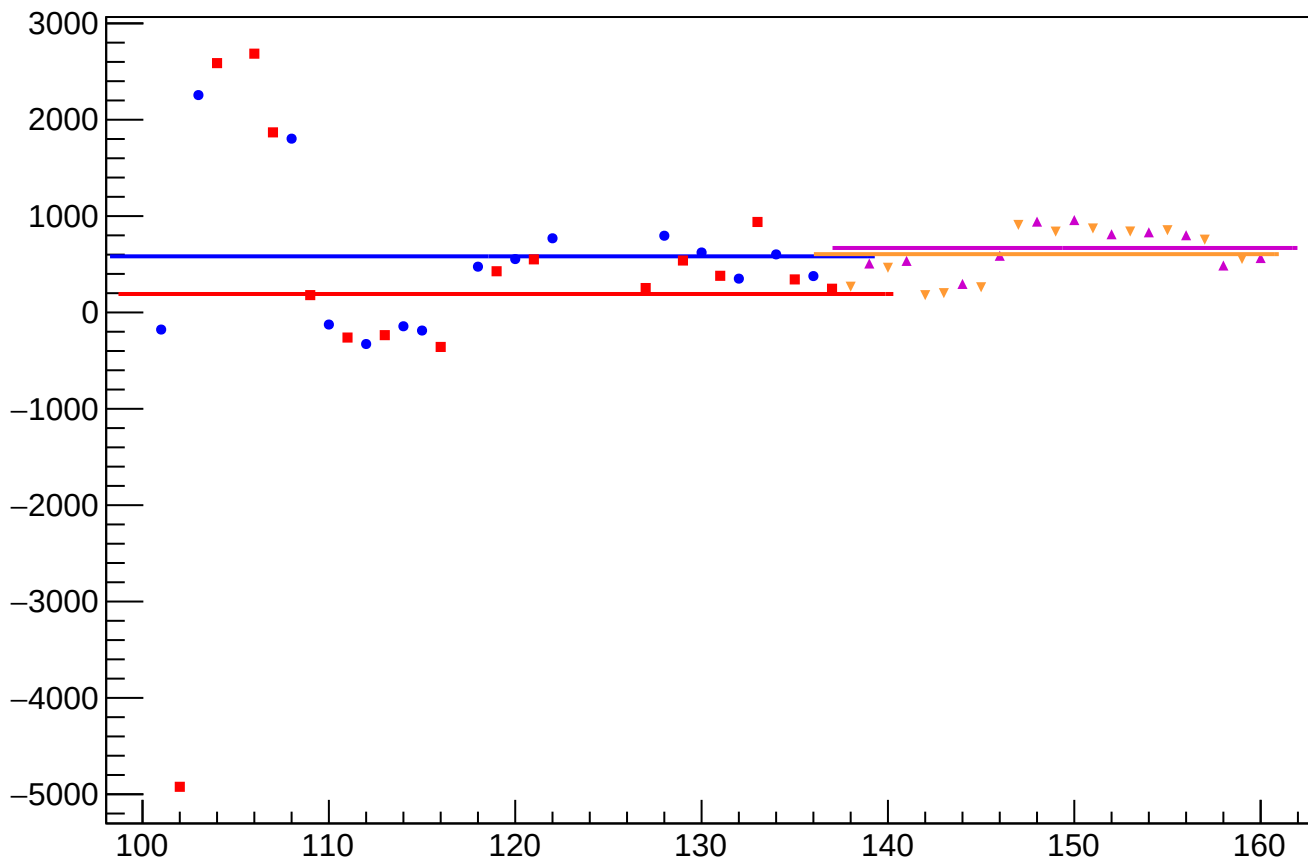
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

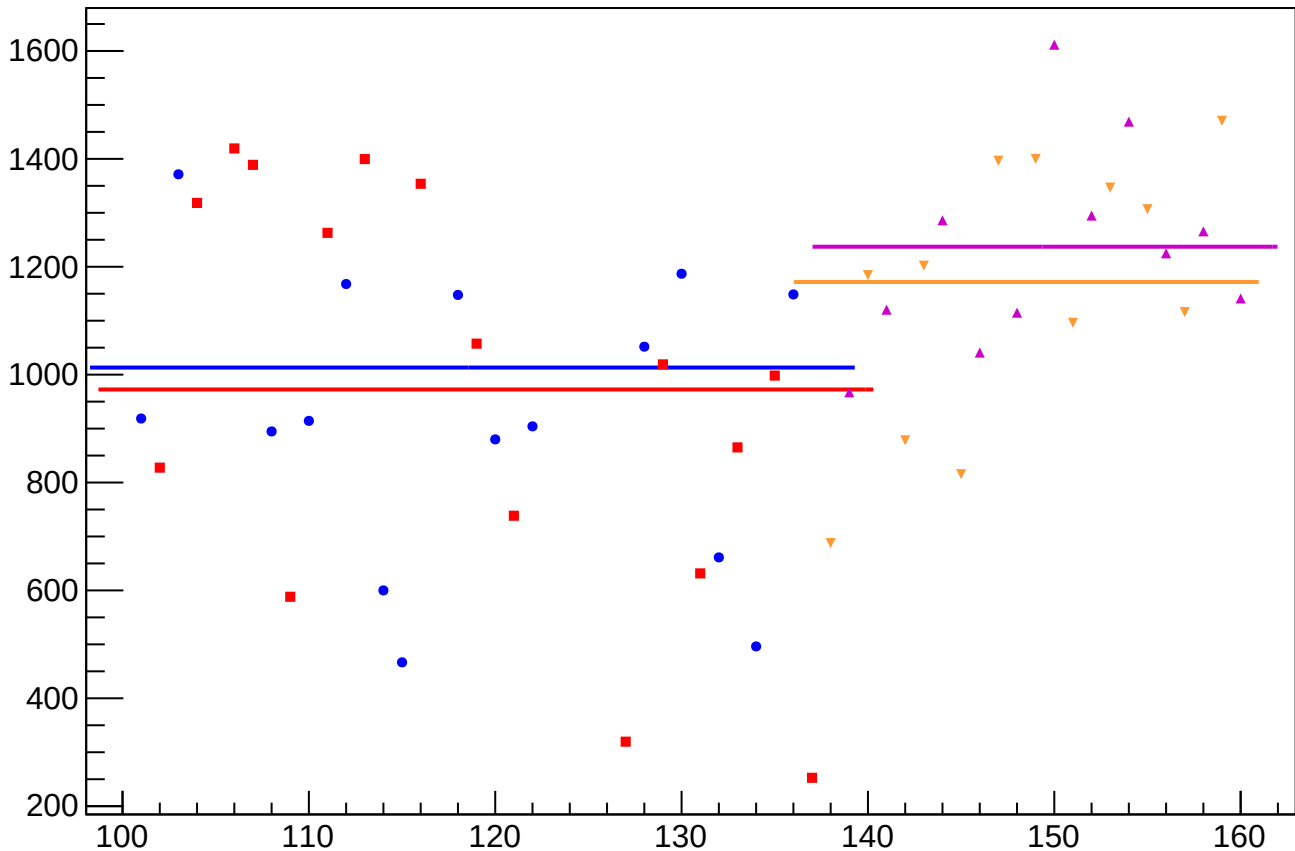
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

+ sign 308.422+/-0.000 χ^2/NDF : 475799684039922

All: 375.901+/-0.000 χ^2/NDF : 32587788805

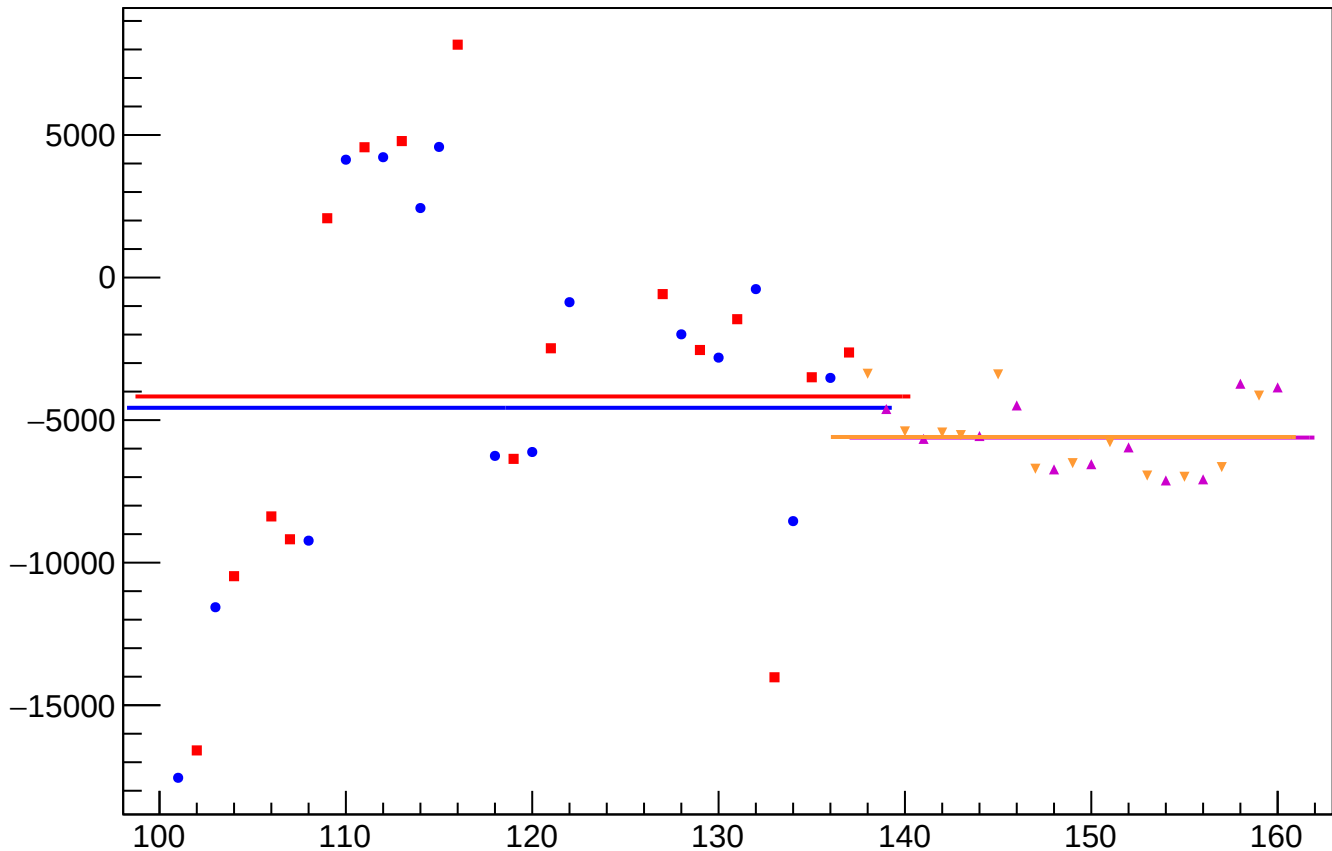
- sign 442.194+/-0.000 χ^2/NDF : 276887014570090

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		

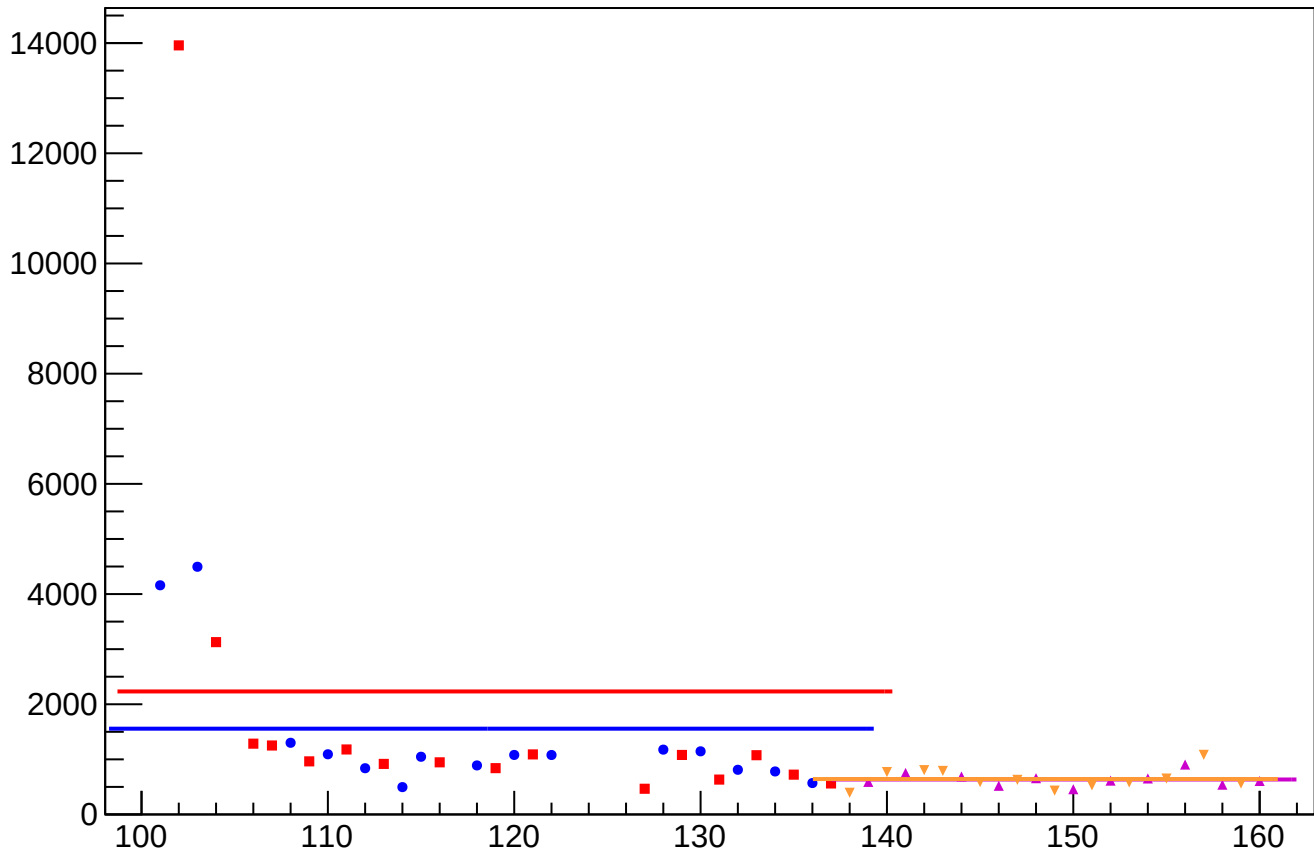
dit_atr2_coil6_mean vs Slug



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

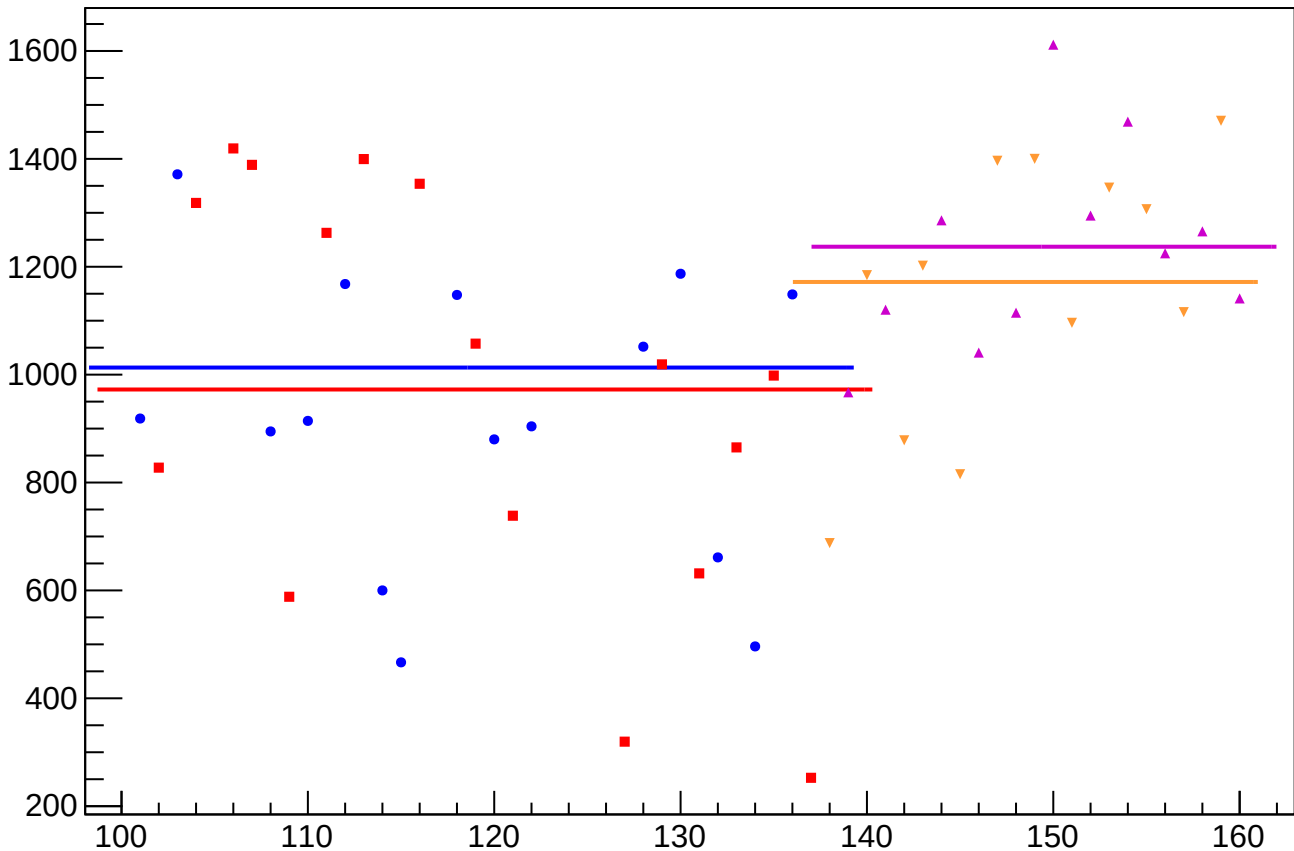
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

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
 All: 1164.597+/-0.000 χ^2/NDF : 11541094593
 + sign 1022.208+/-0.000 χ^2/NDF : 14864291079277
 - sign 1304.479+/-0.000 χ^2/NDF : 99918451960380

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

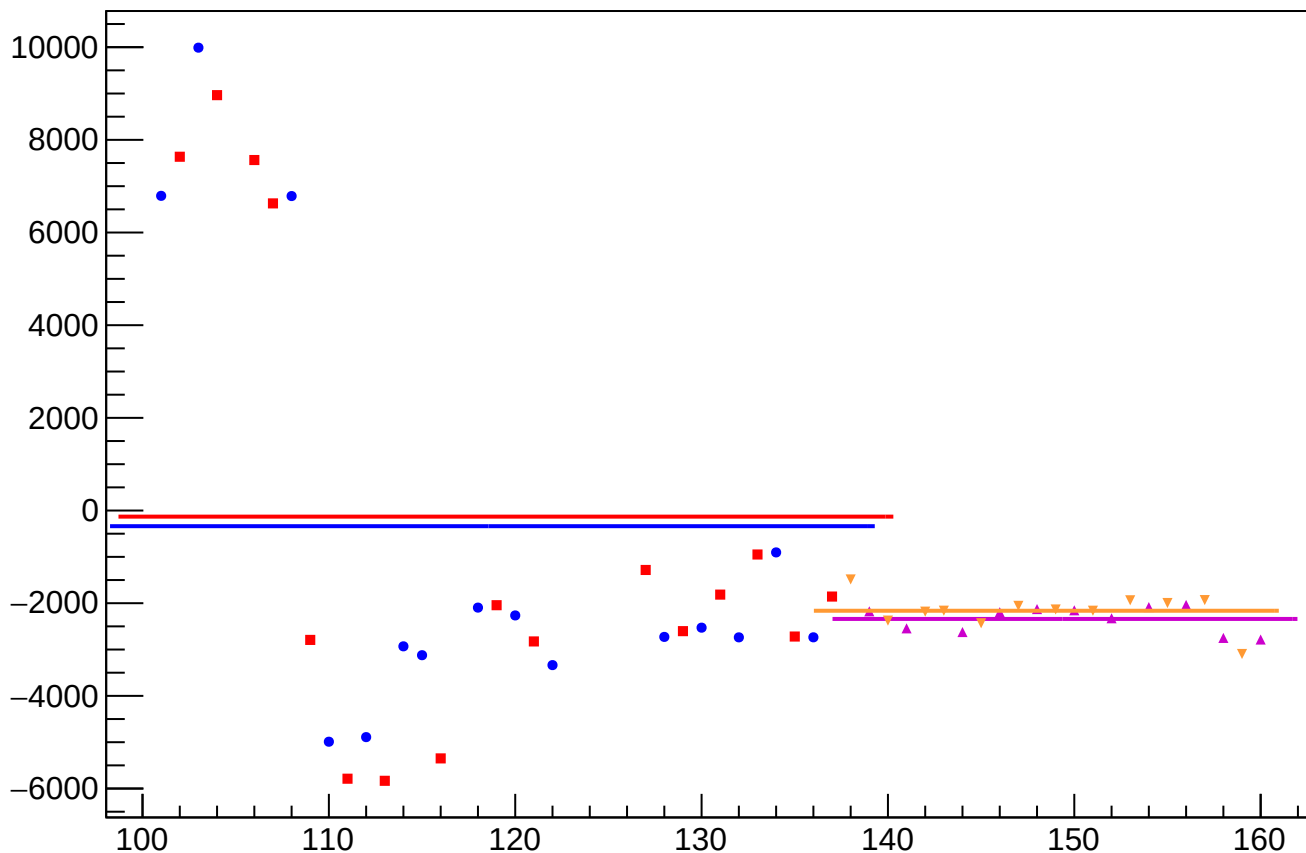
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

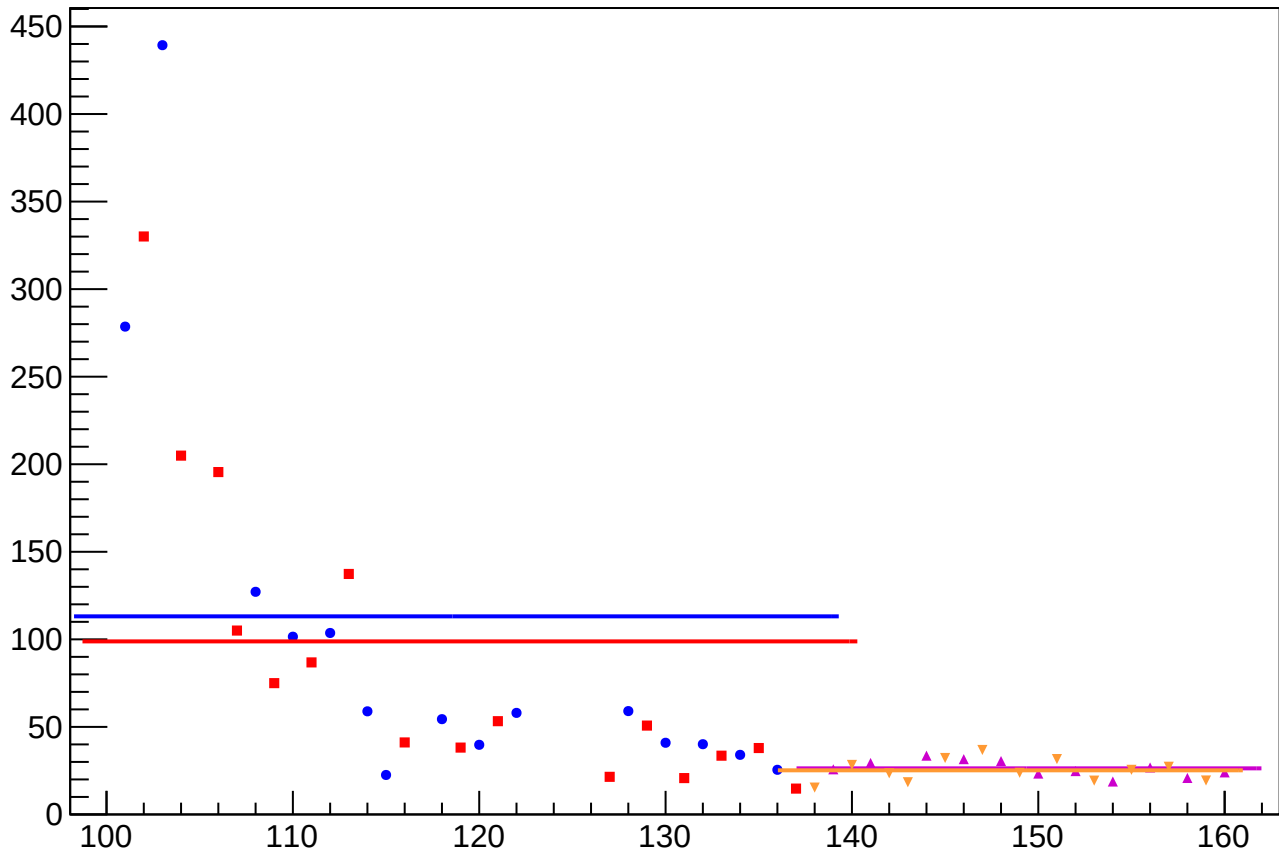
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam1_coil6_mean vs Slug



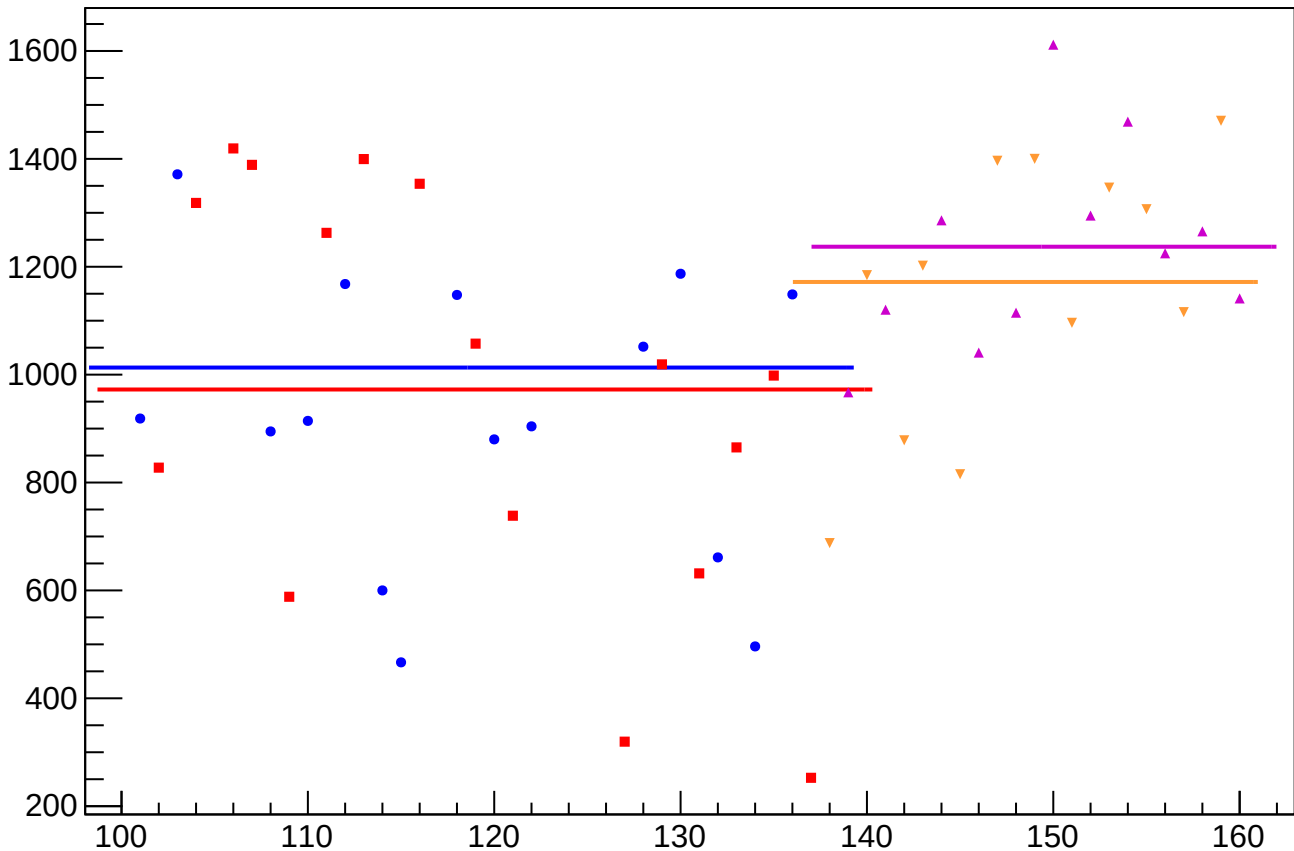
Right In: -337.865+/-0.000	χ^2/NDF : 15152515933007079891661097940762081886208.0/14
Left Out: -2162.857+/-0.000	χ^2/NDF : 126332275232930257638482620391759020032.0/11
Right Out: -131.545+/-0.000	χ^2/NDF : 16473217651078877976377424419956902068224.0/15
Left In: -2339.639+/-0.000	χ^2/NDF : 62860144247456957543810906284181422080.0/10
+ sign -1405.071+/-0.000	χ^2/NDF : 1654286779746
All: -1409.541+/-0.000	χ^2/NDF : 3496770485
- sign -1413.933+/-0.000	χ^2/NDF : 18424775138160

dit_sam1_coil6_err_mean vs Slug



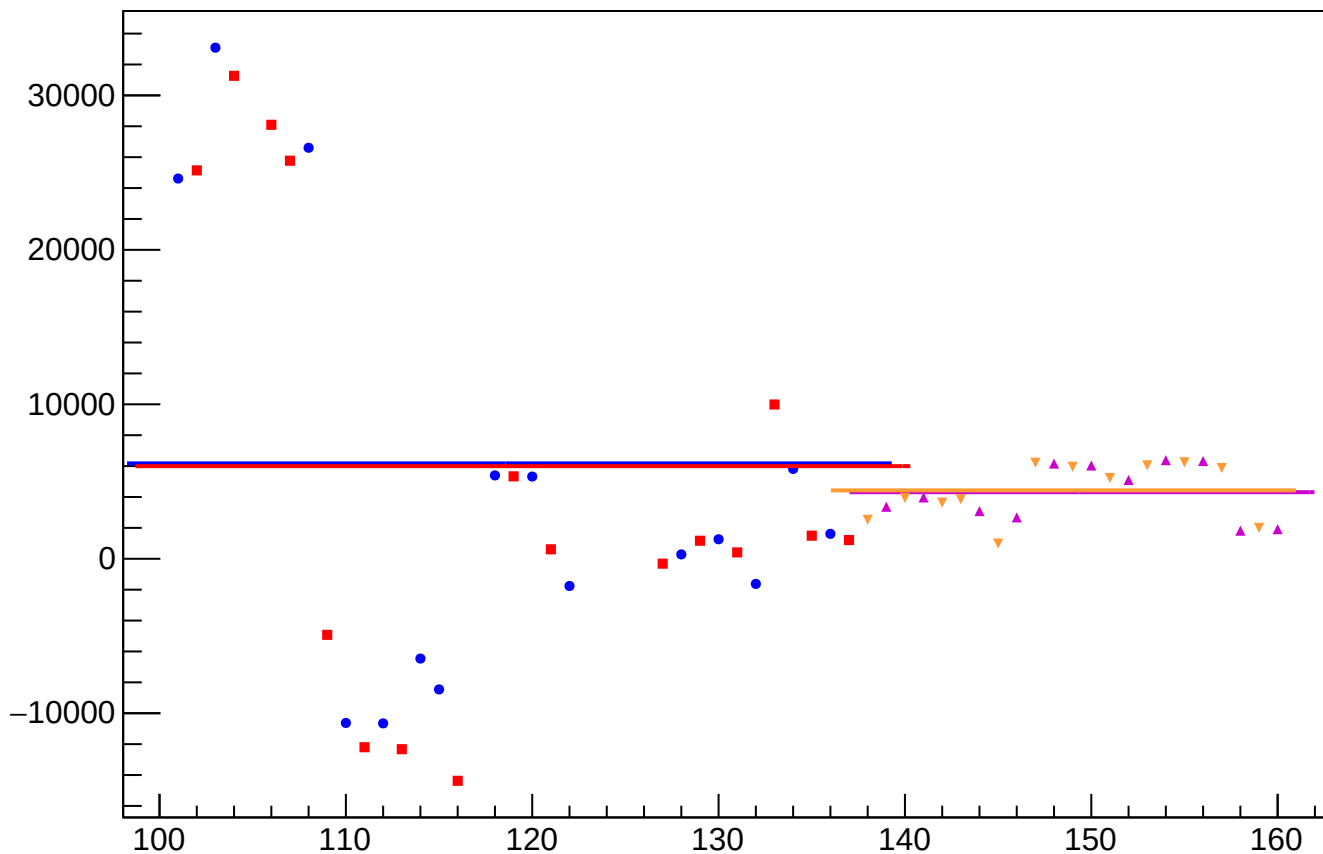
Right In: 113.134 $\pm$ 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.204 $\pm$ 0.000 χ^2/NDF : 35340998729966912863138320392126464.0/11
 Right Out: 98.833 $\pm$ 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: 26.331 $\pm$ 0.000 χ^2/NDF : 18142873408814573481950758043648000.0/10
 All: 59.198 $\pm$ 0.000 χ^2/NDF : 2054365518369
 + sign 61.715 $\pm$ 0.000 χ^2/NDF : 1295926094815427
 - sign 56.726 $\pm$ 0.000 χ^2/NDF : 7564771732797838

dit_sam1_coil6_Ndata_mean vs Slug



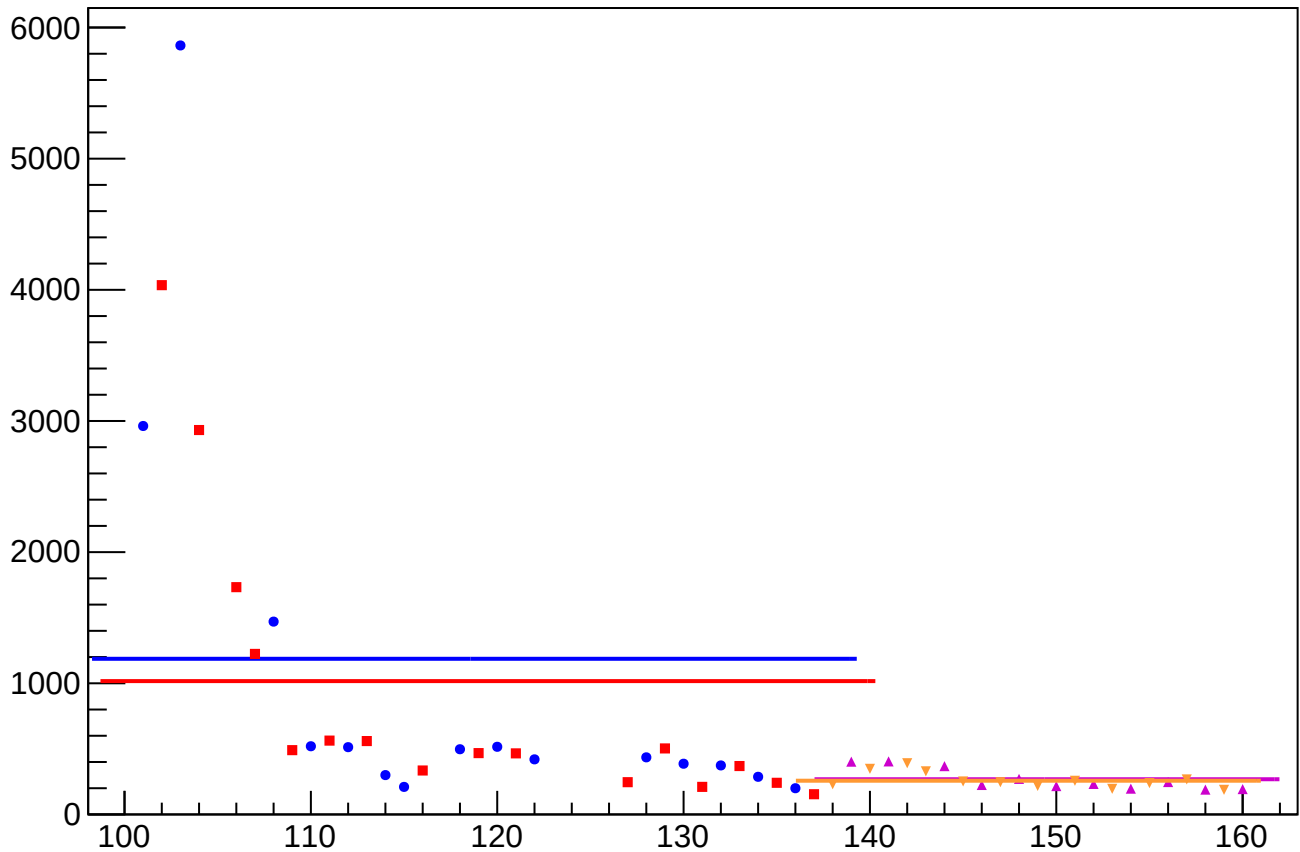
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam2_coil6_mean vs Slug



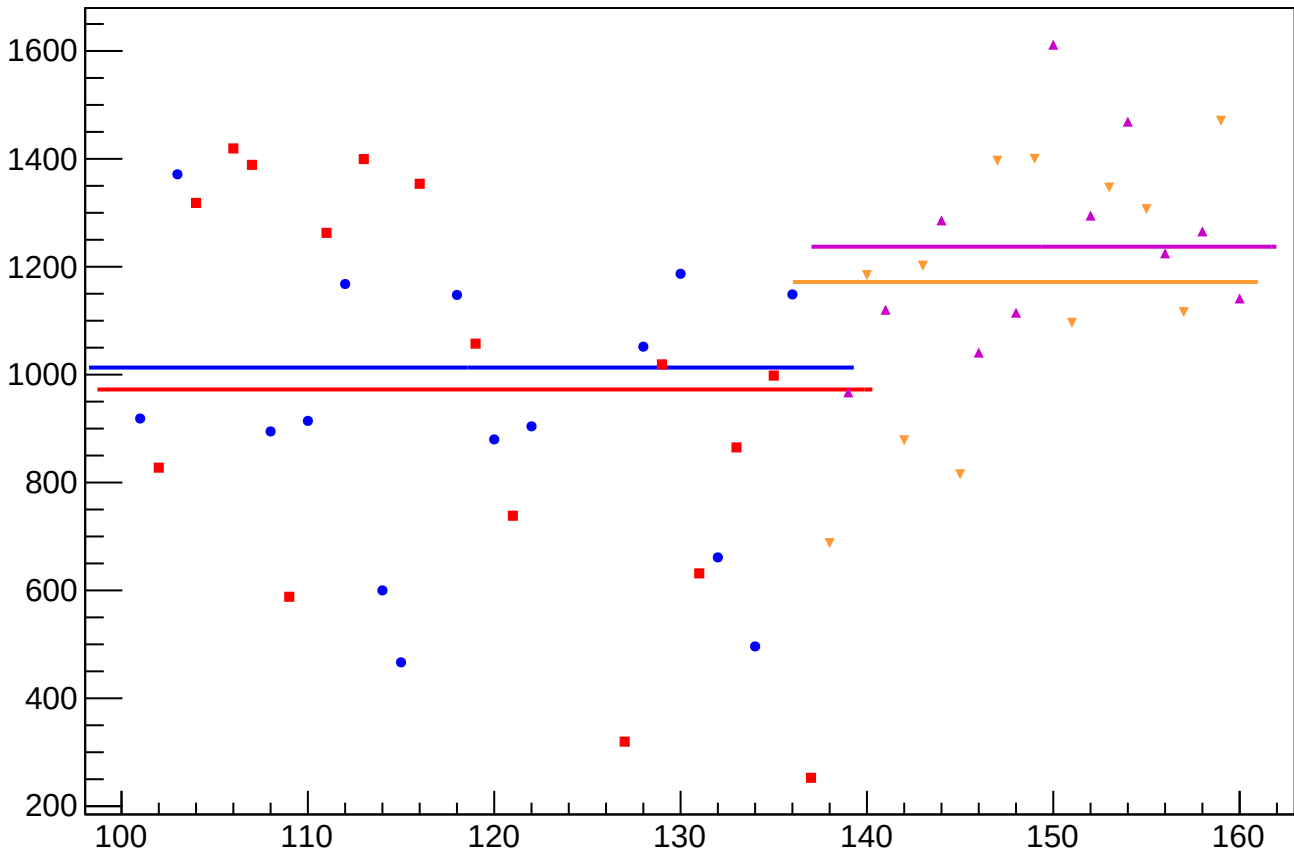
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4428.101+/-0.000 χ^2/NDF : 2900138976874387724183278190835470958592.0/11
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4310.541+/-0.000 χ^2/NDF : 2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug



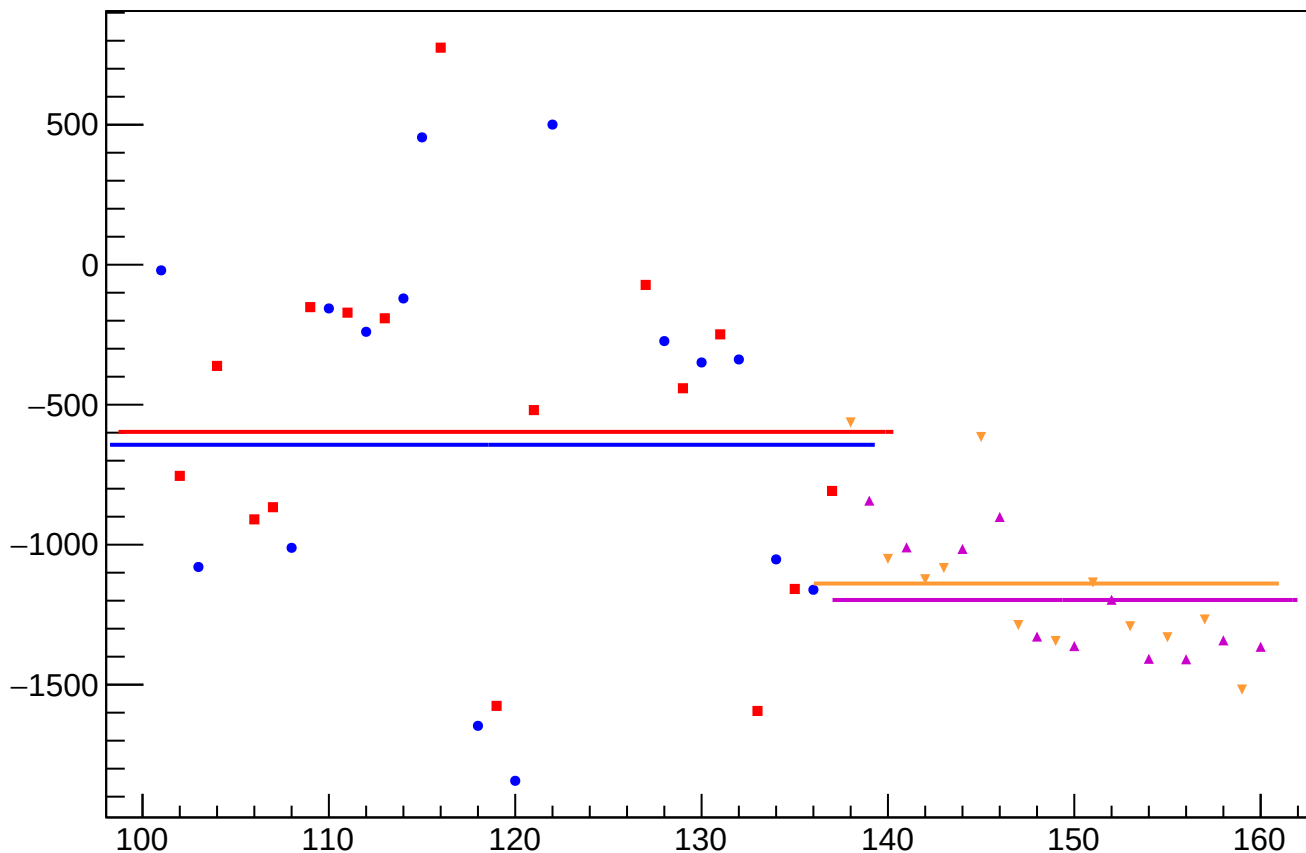
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10

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

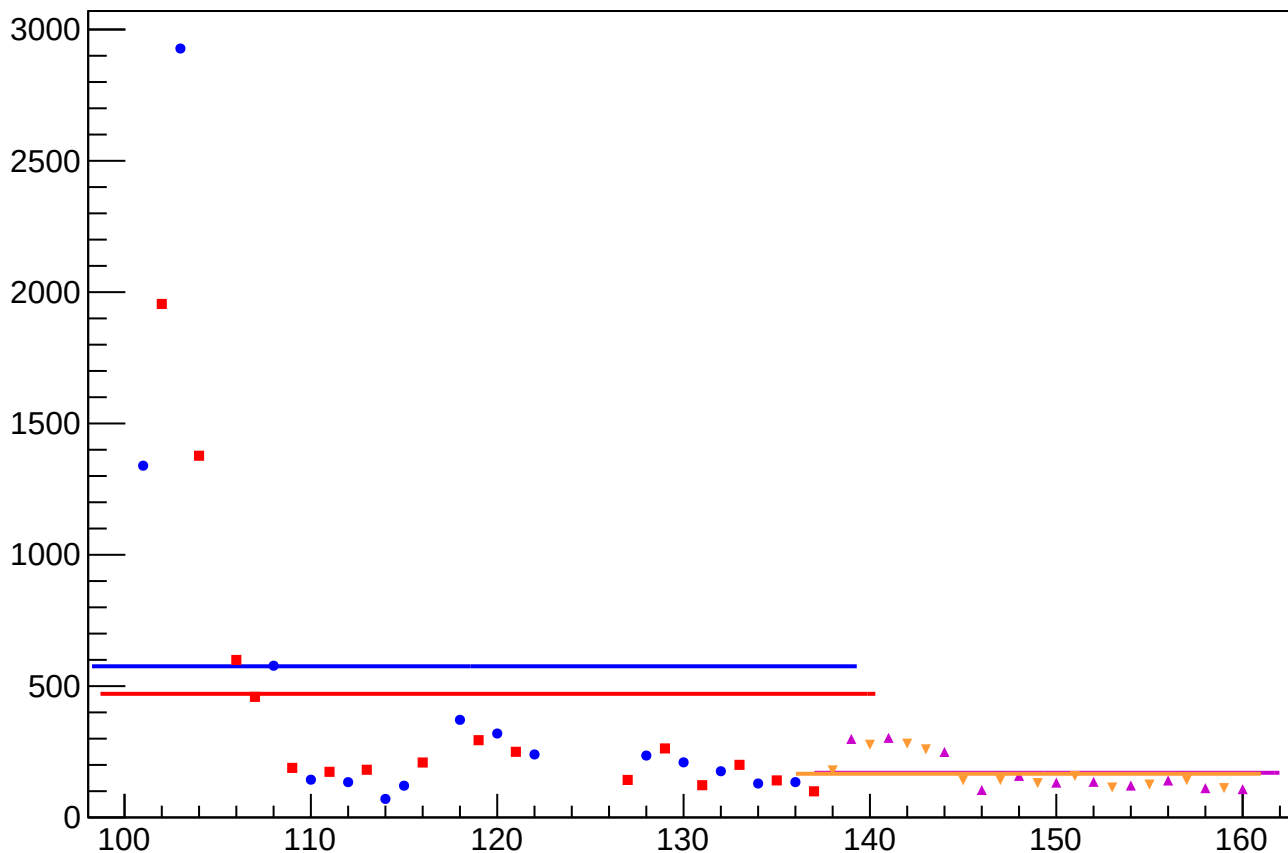
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ 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

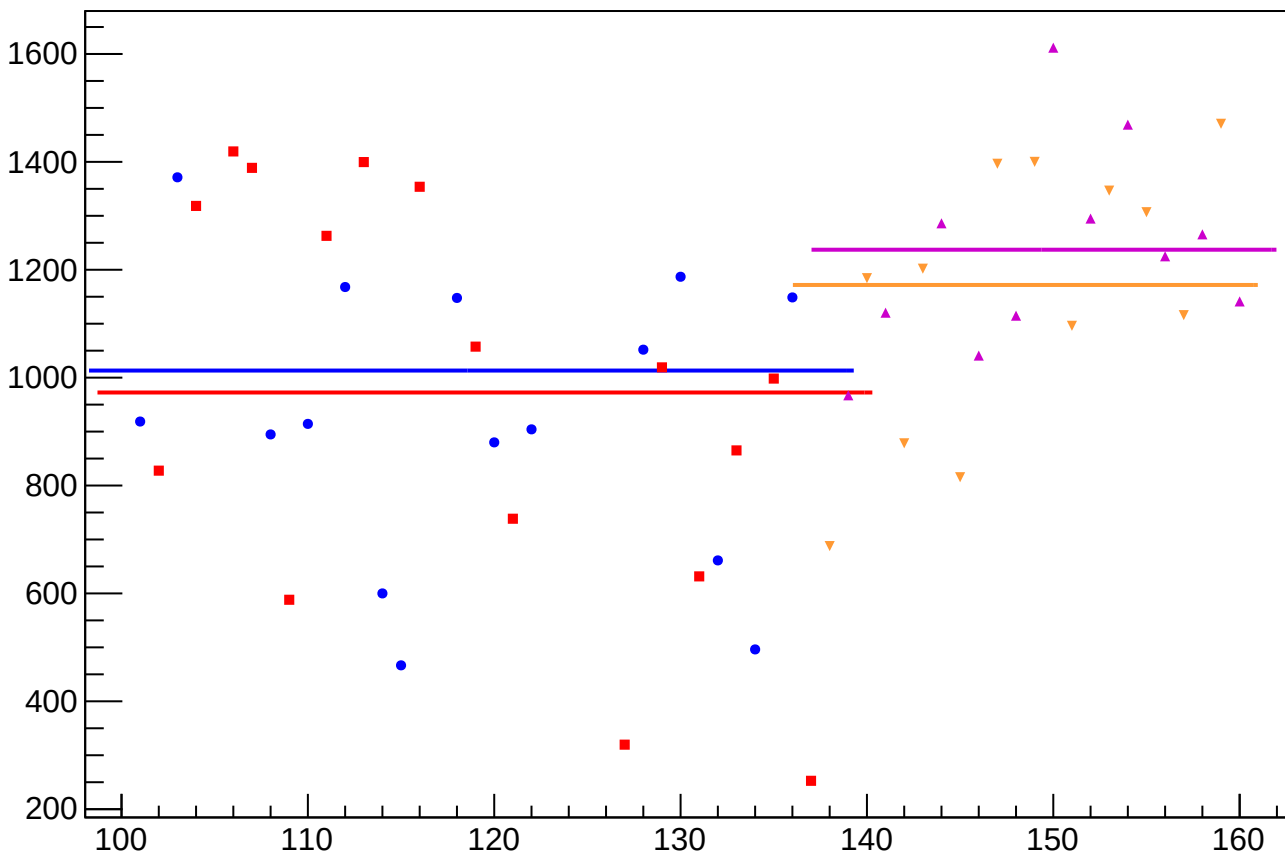
All: 316.009 ± 0.000 χ^2/NDF : 749713374727

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

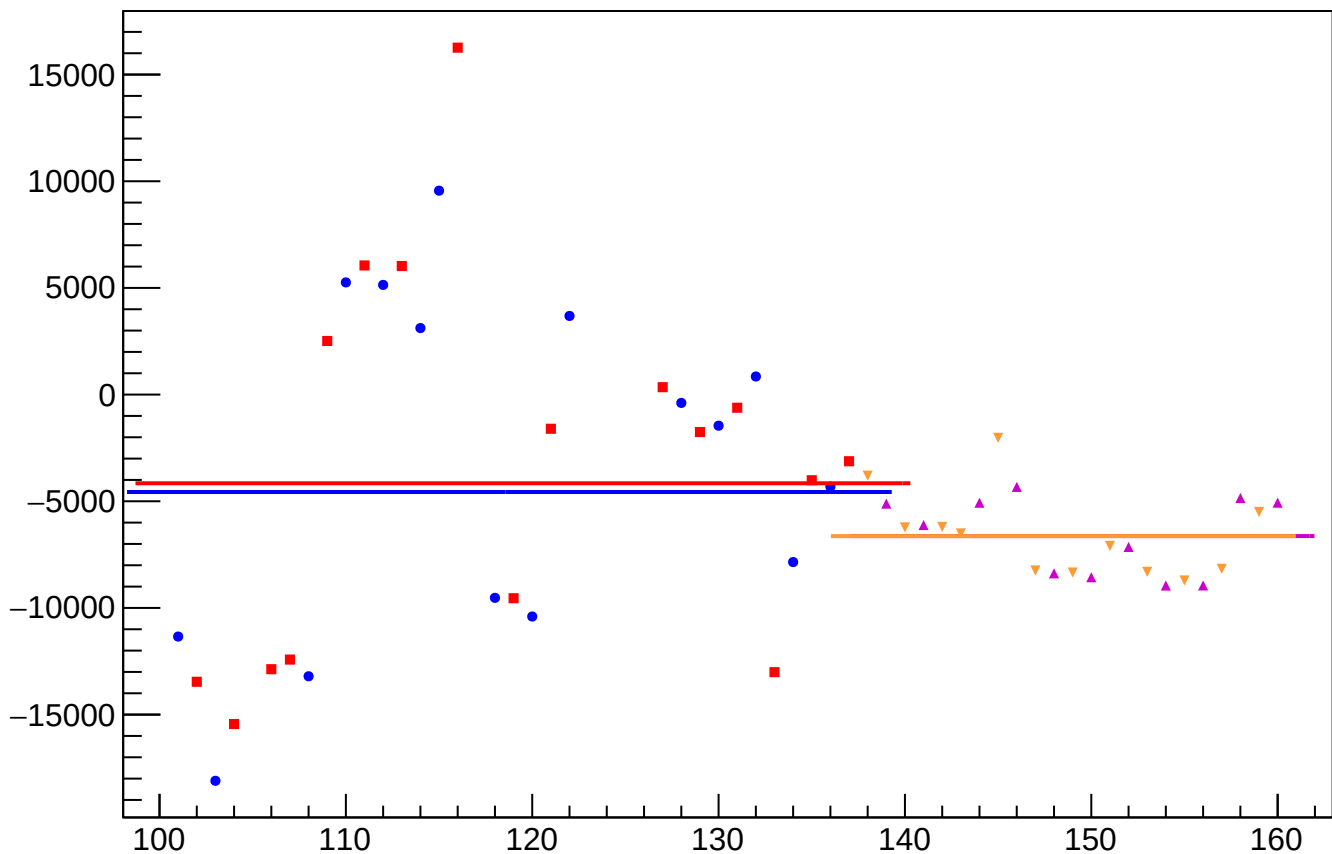
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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



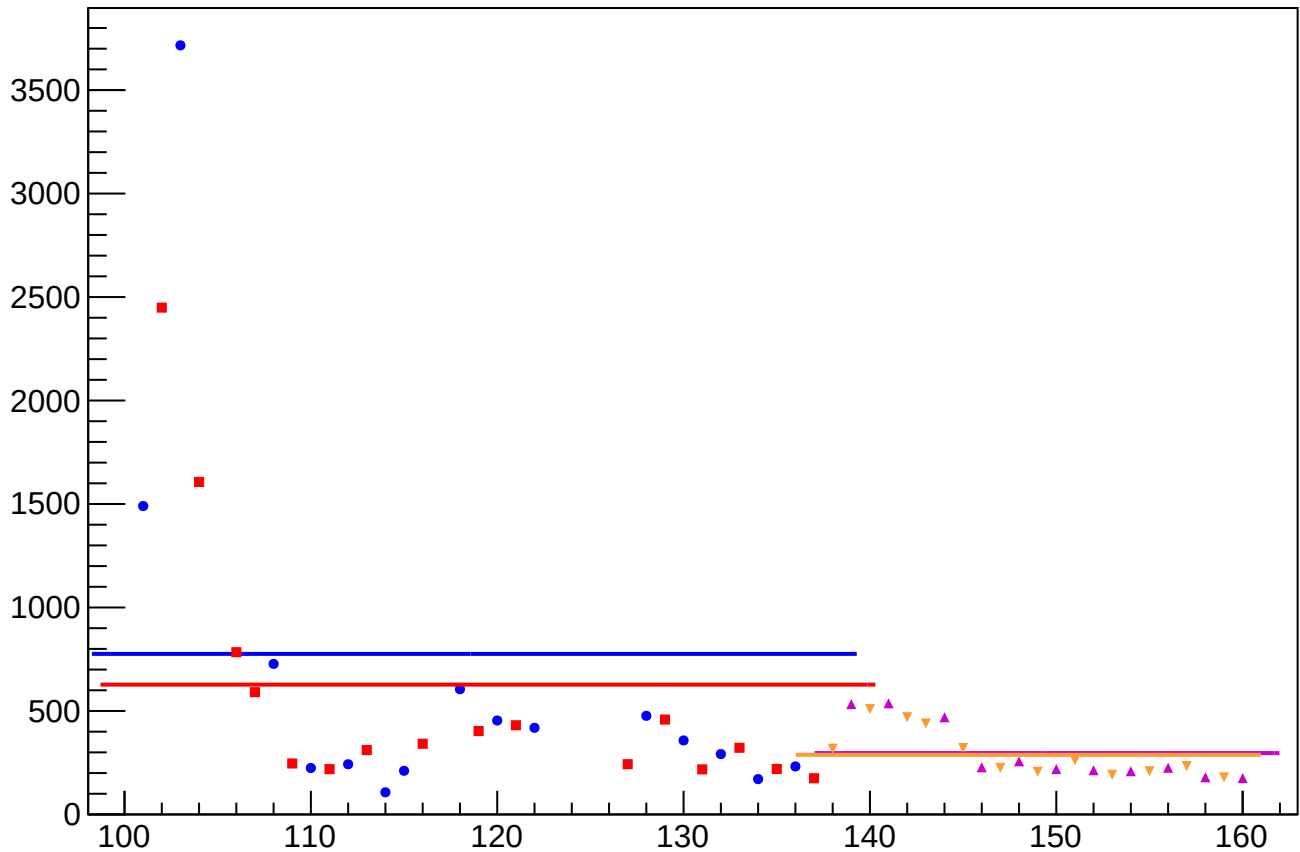
Right In: -4565.412 ± 0.000	χ^2/NDF : 35667768247432289984899042725155487875072.0/14
Left Out: -6634.457 ± 0.000	χ^2/NDF : 3640150880403299784339543756995645407232.0/11
Right Out: -4156.859 ± 0.000	χ^2/NDF : 45539455441659927157708443099930682195968.0/15
Left In: -6631.377 ± 0.000	χ^2/NDF : 2831140540306304869921468245145345327104.0/10

+ sign -5775.333 ± 0.000 χ^2/NDF : 4093261338391

All: -5683.850 ± 0.000 χ^2/NDF : 9170111031

- 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

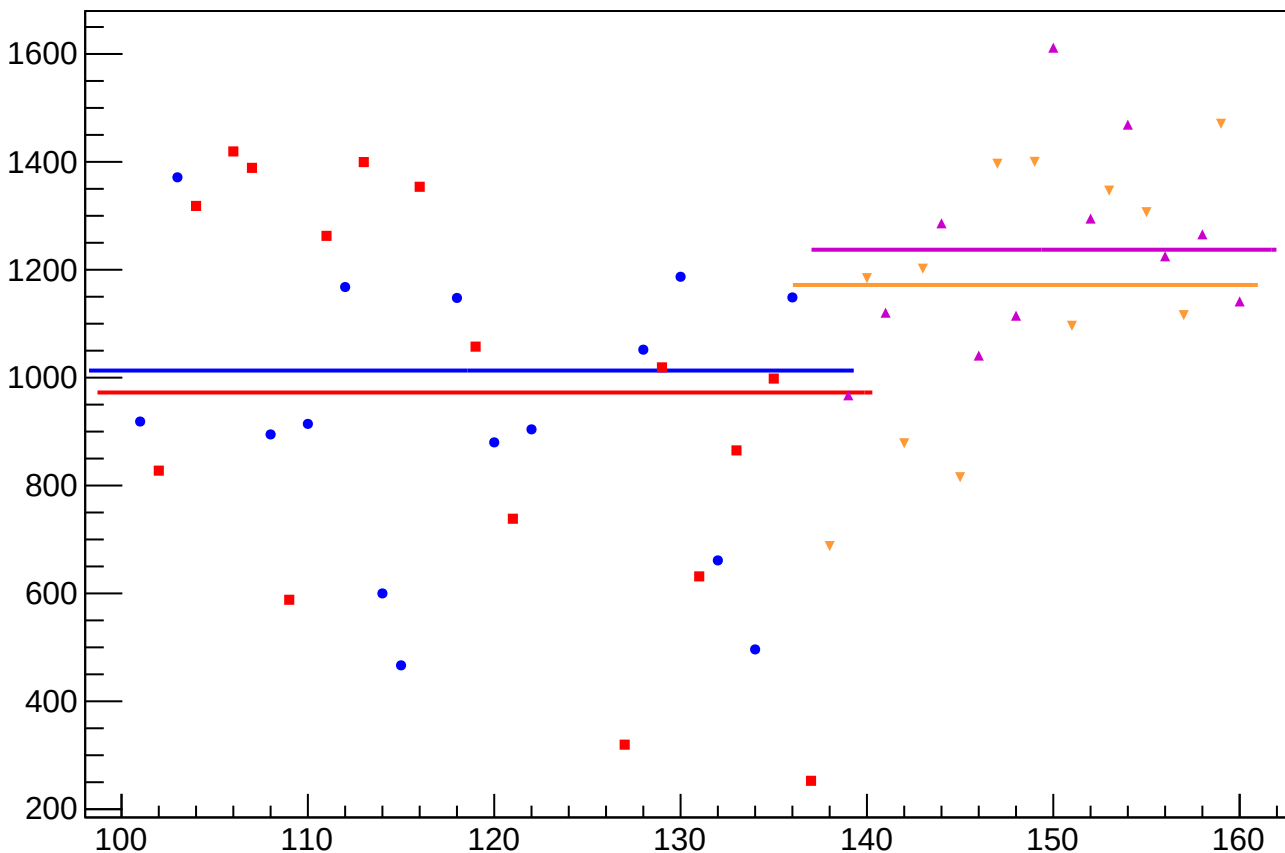
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 110209251468

- 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

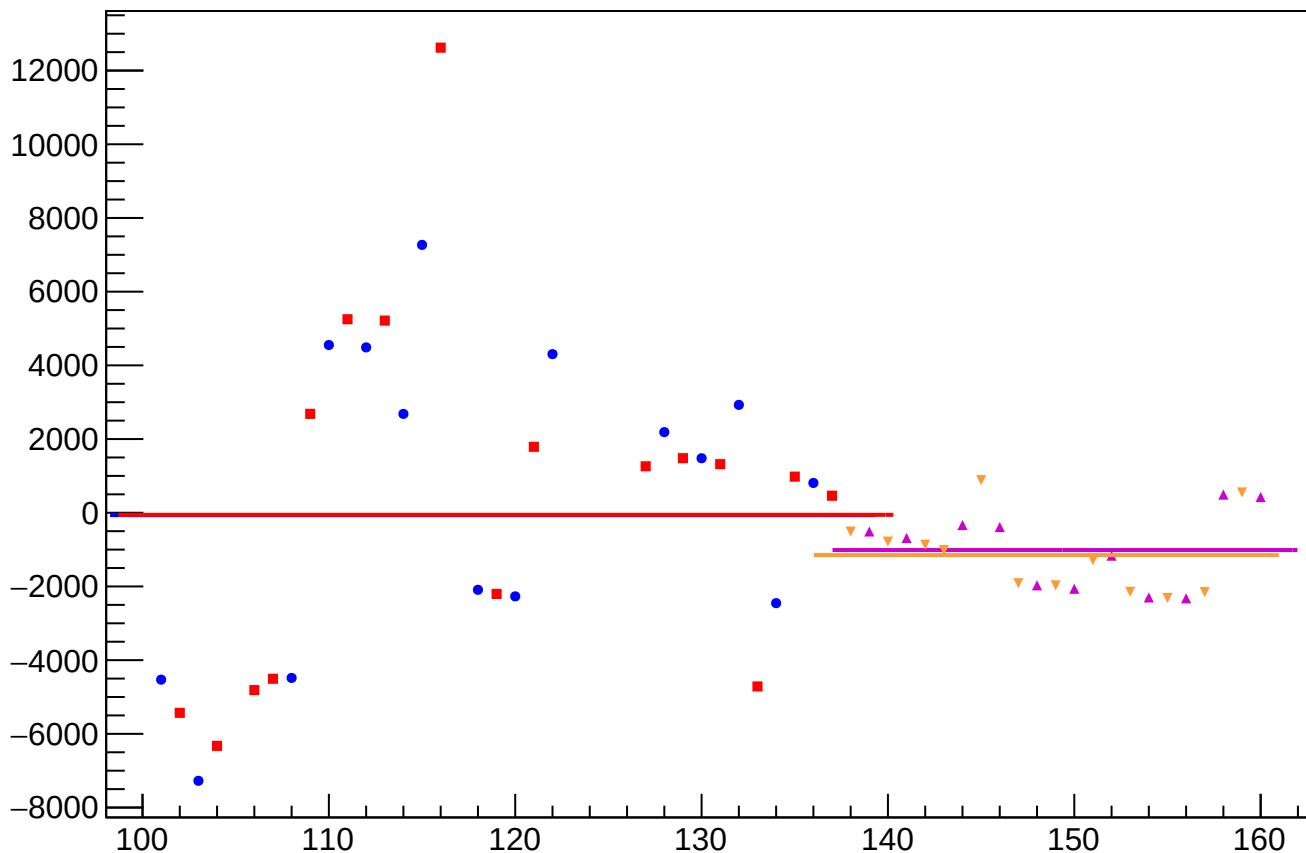
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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_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

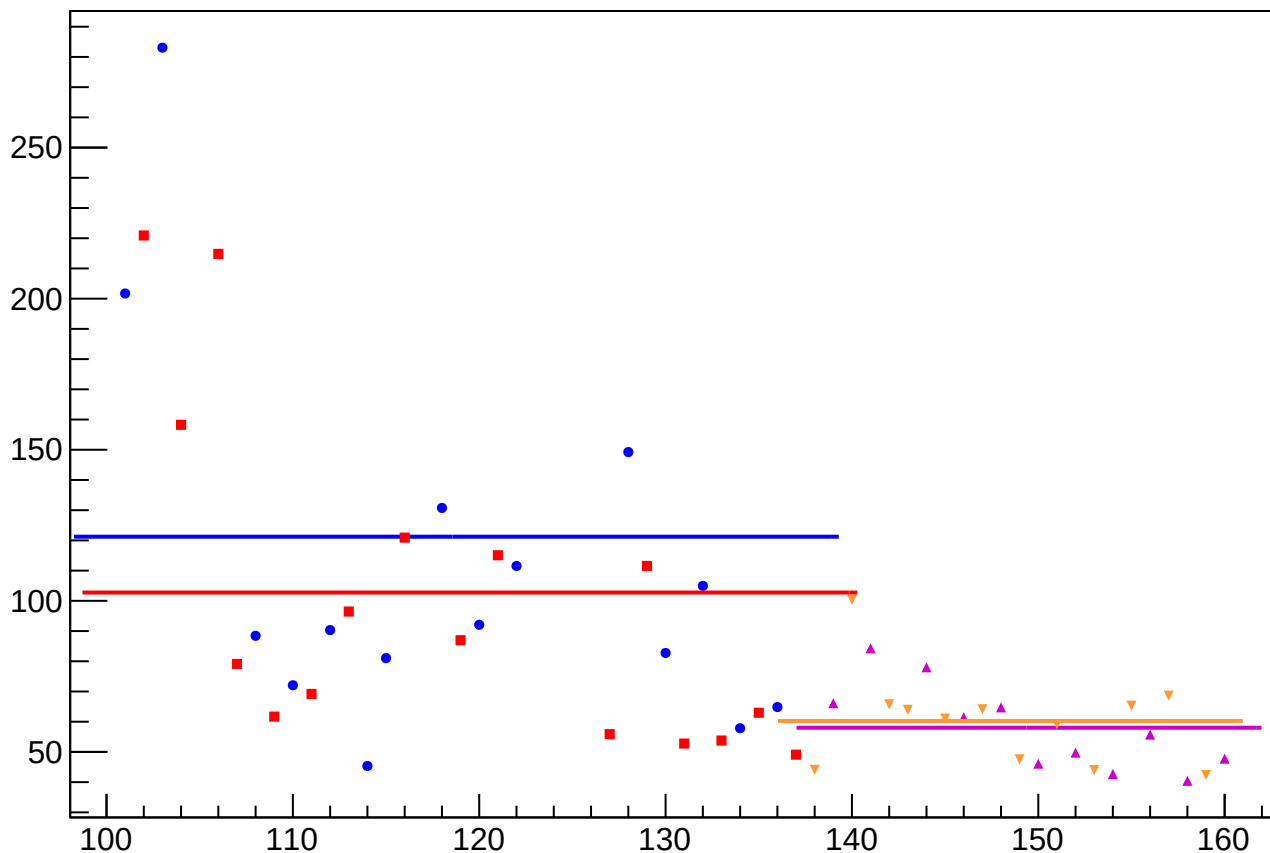
Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: -1011.284+/-0.000 χ^2/NDF : 903909408421874171739001543159795679232.0/10

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

+ sign 85.563+/-0.000 χ^2/NDF : 4359921672162242

Left Out: 60.239+/-0.000 χ^2/NDF : 225102554491032869548797845500329984.0/11

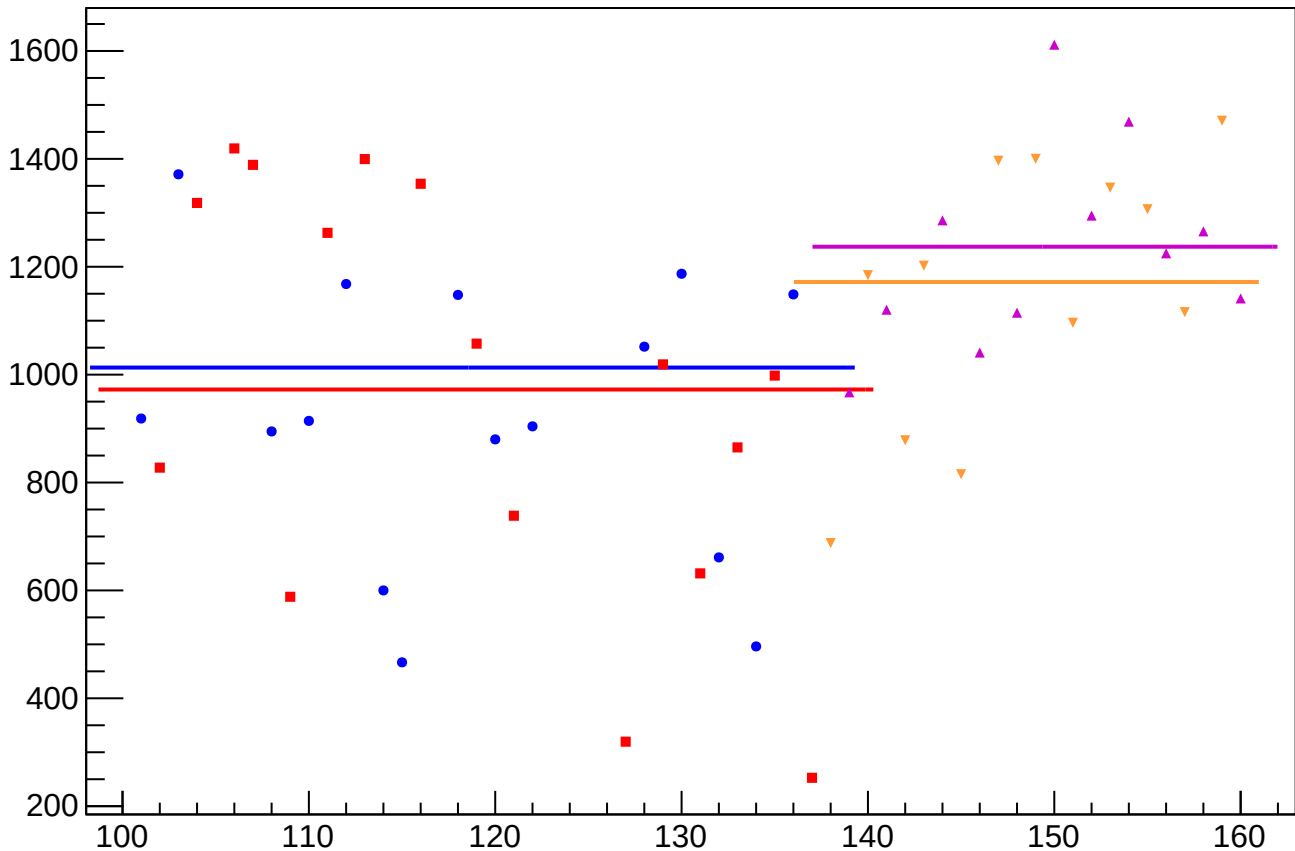
All: 81.126+/-0.000 χ^2/NDF : 7341366605629

Right Out: 102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

- sign 76.766+/-0.000 χ^2/NDF : 2920429745013475

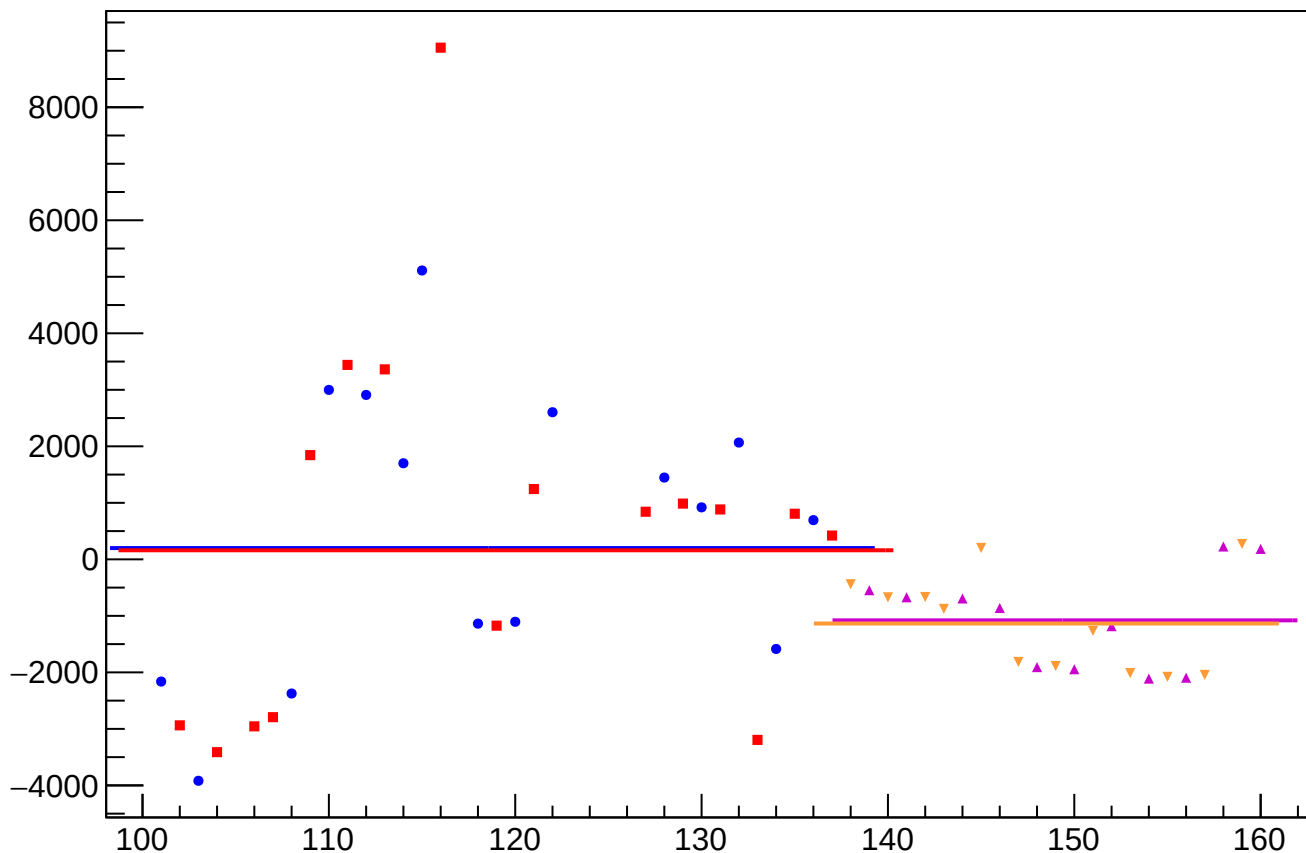
Left In: 58.011+/-0.000 χ^2/NDF : 177427701786540438757655027214450688.0/10

dit_sam5_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_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

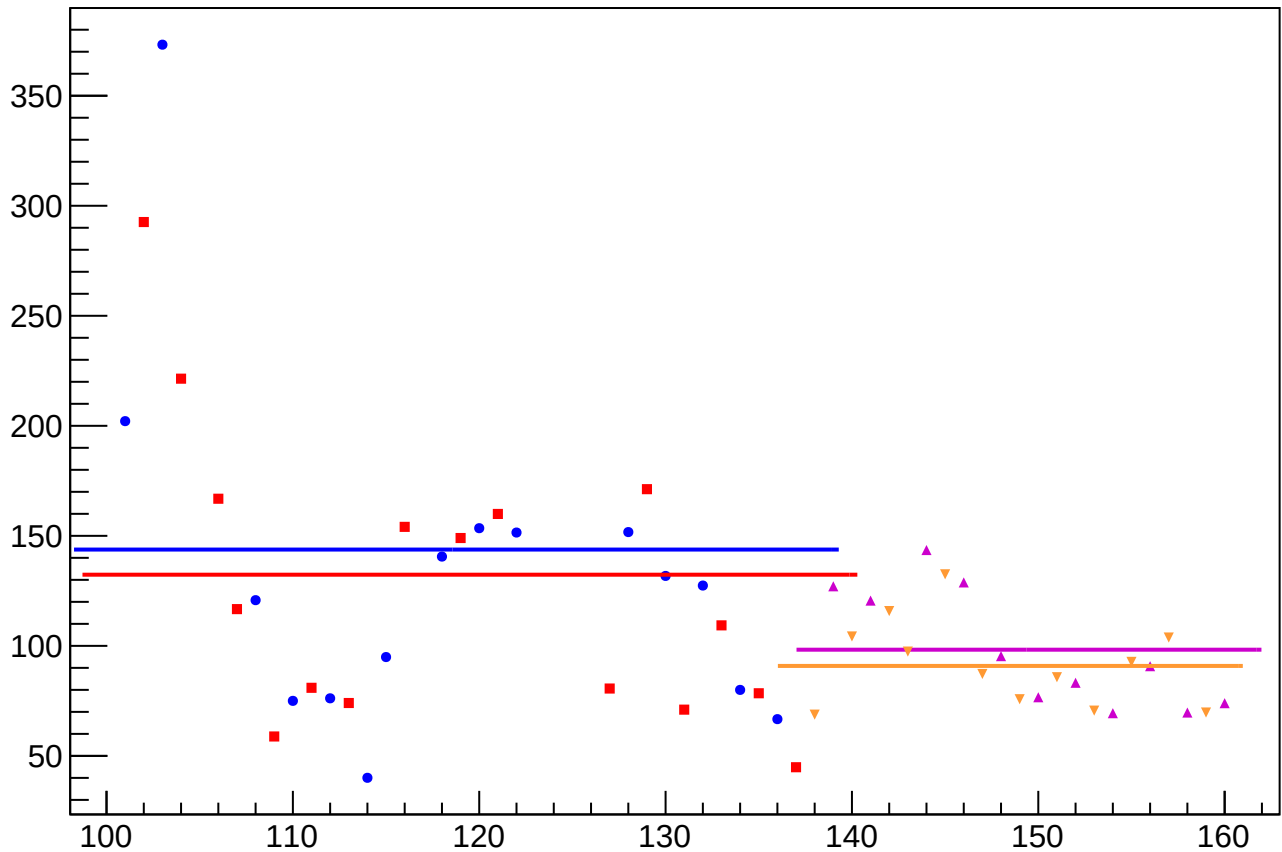
All: -570.315+/-0.000 χ^2/NDF : 11490561476

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 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14

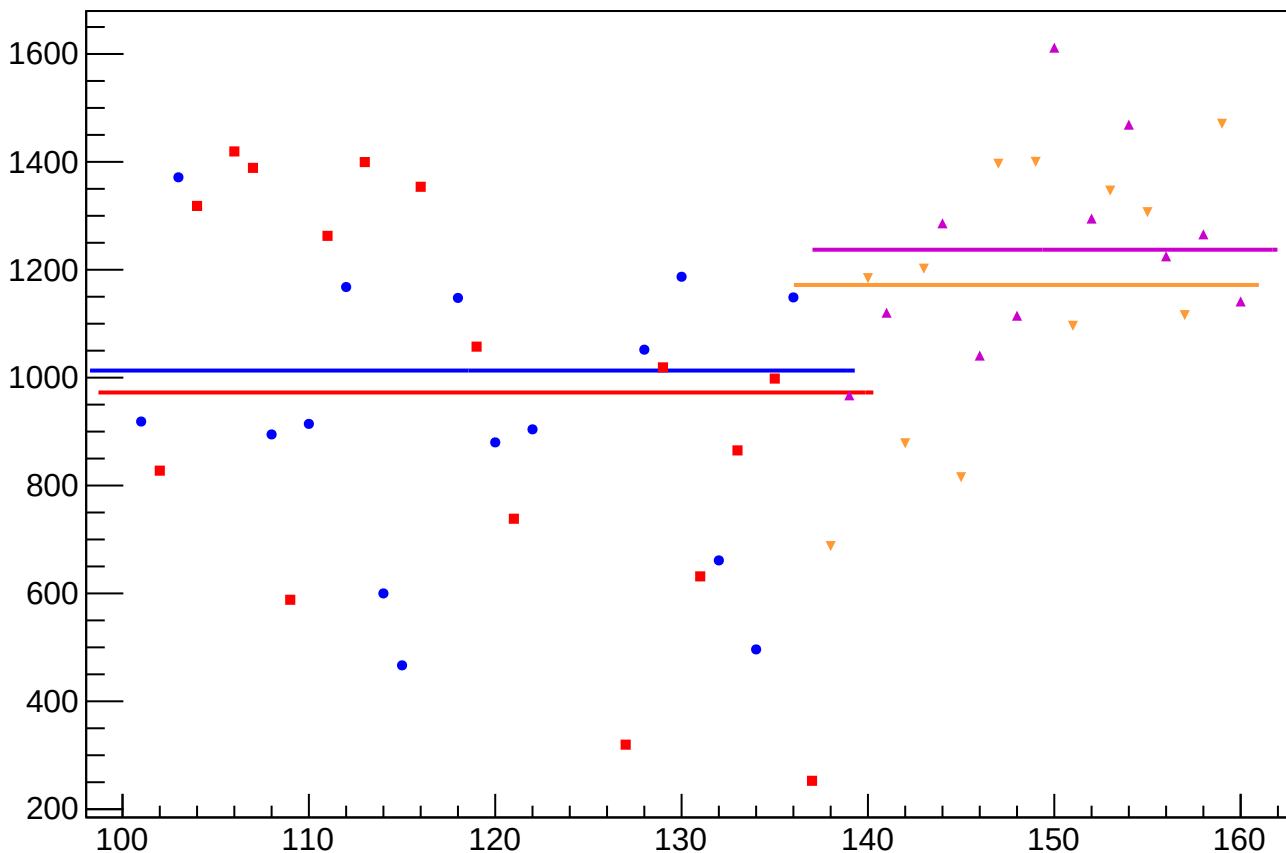
Left Out: 90.882 $\pm$ 0.000 χ^2 /NDF: 326242734851411629220497356388040704.0/11

Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15

Left In: 98.257 $\pm$ 0.000 χ^2 /NDF: 6209937767730933933033369428470792192.0/10

All: 112.691 $\pm$ 0.000 χ^2 /NDF: 101475107783

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

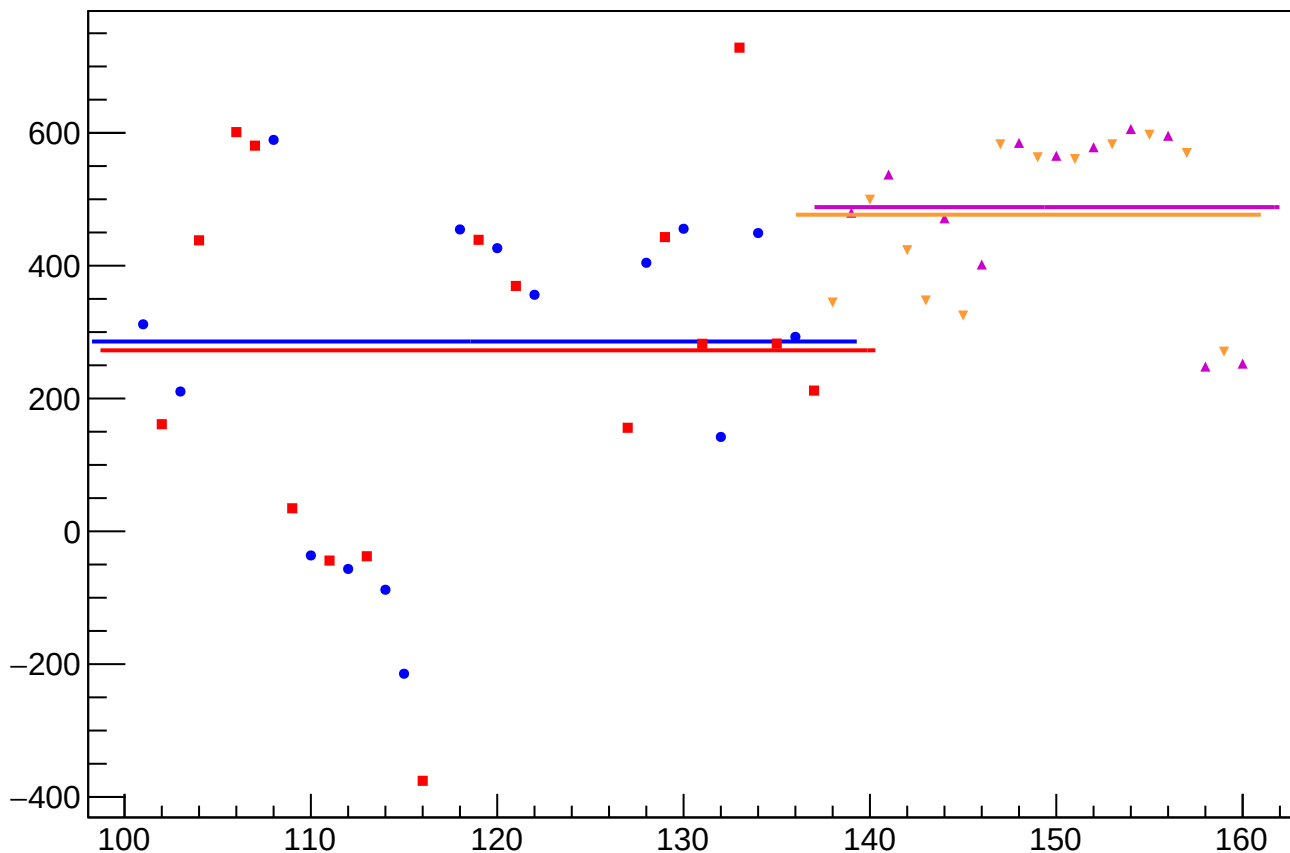
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

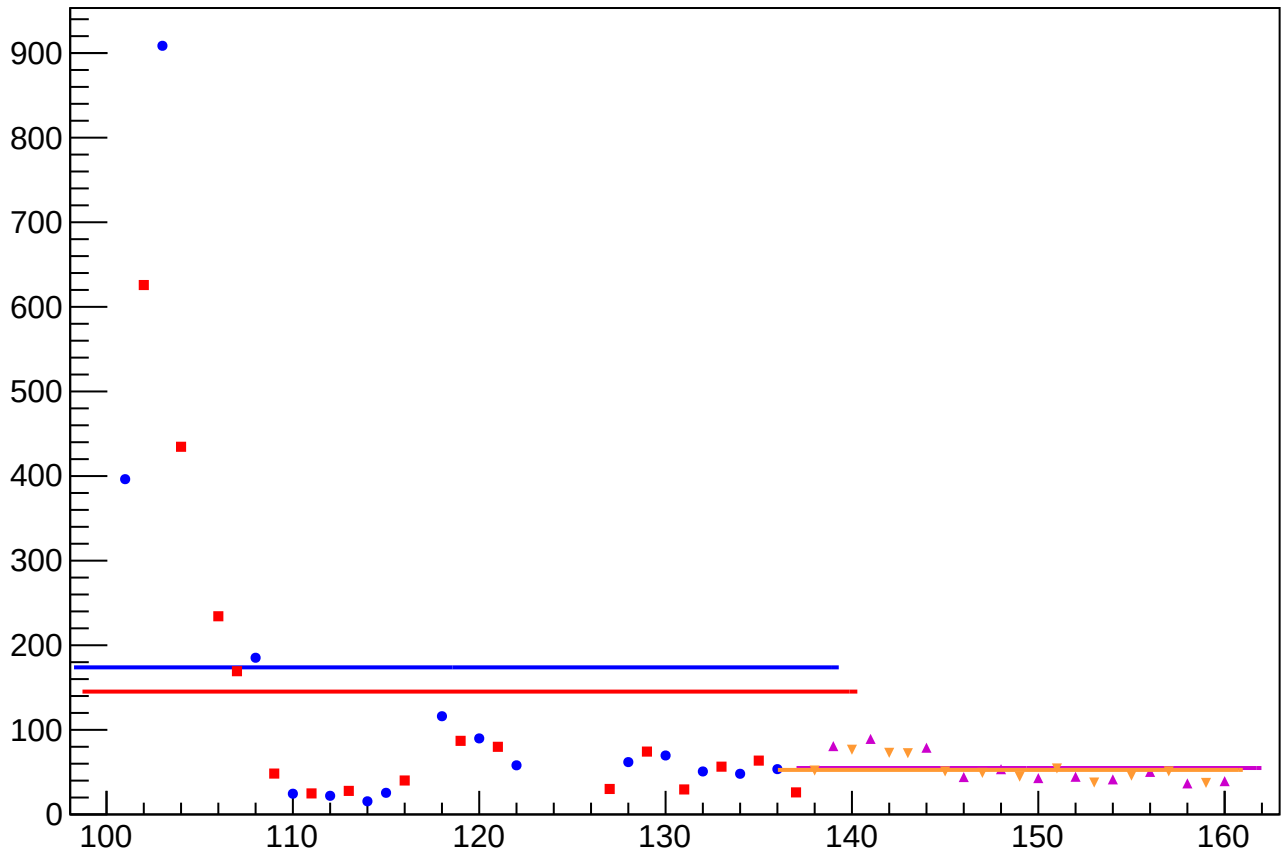
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ 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

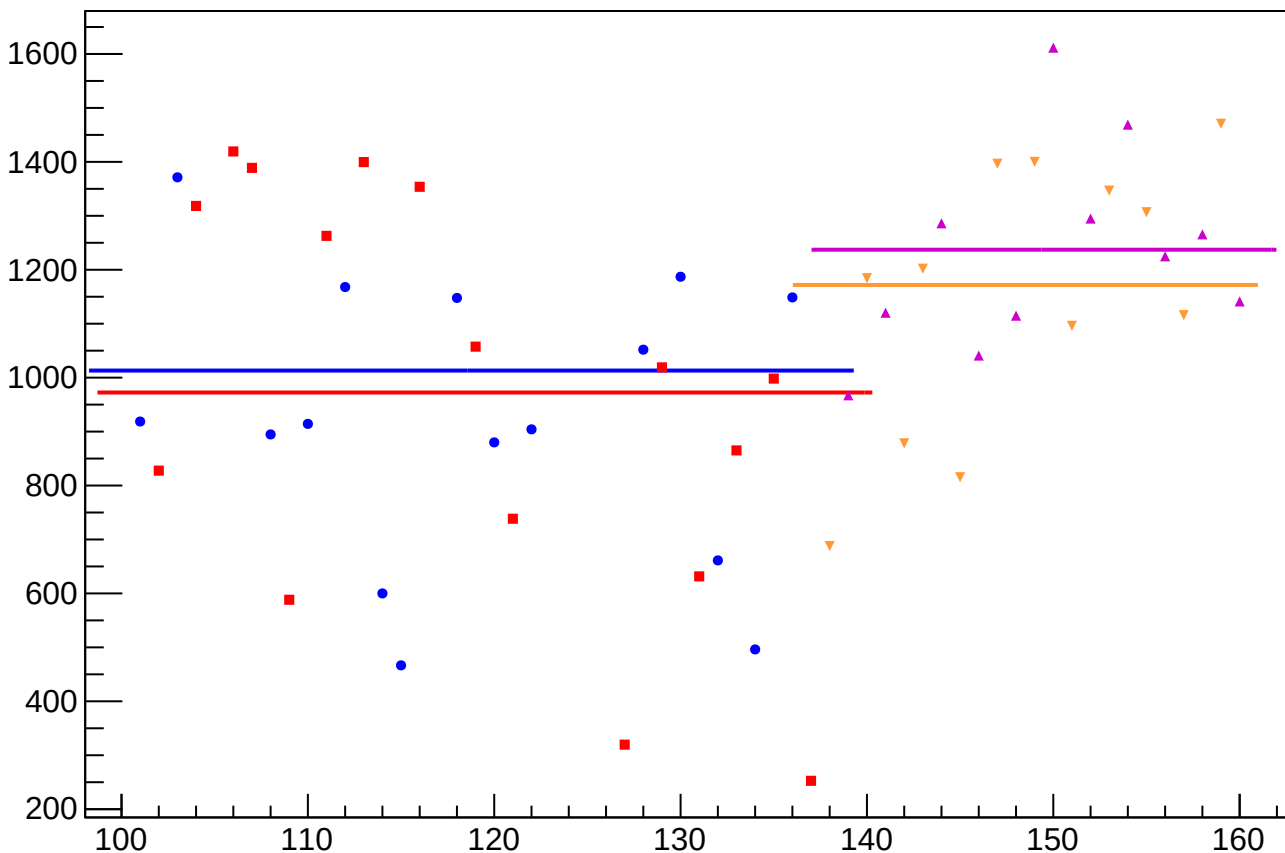
All: 97.830+/-0.000 χ^2/NDF : 7349556913199

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

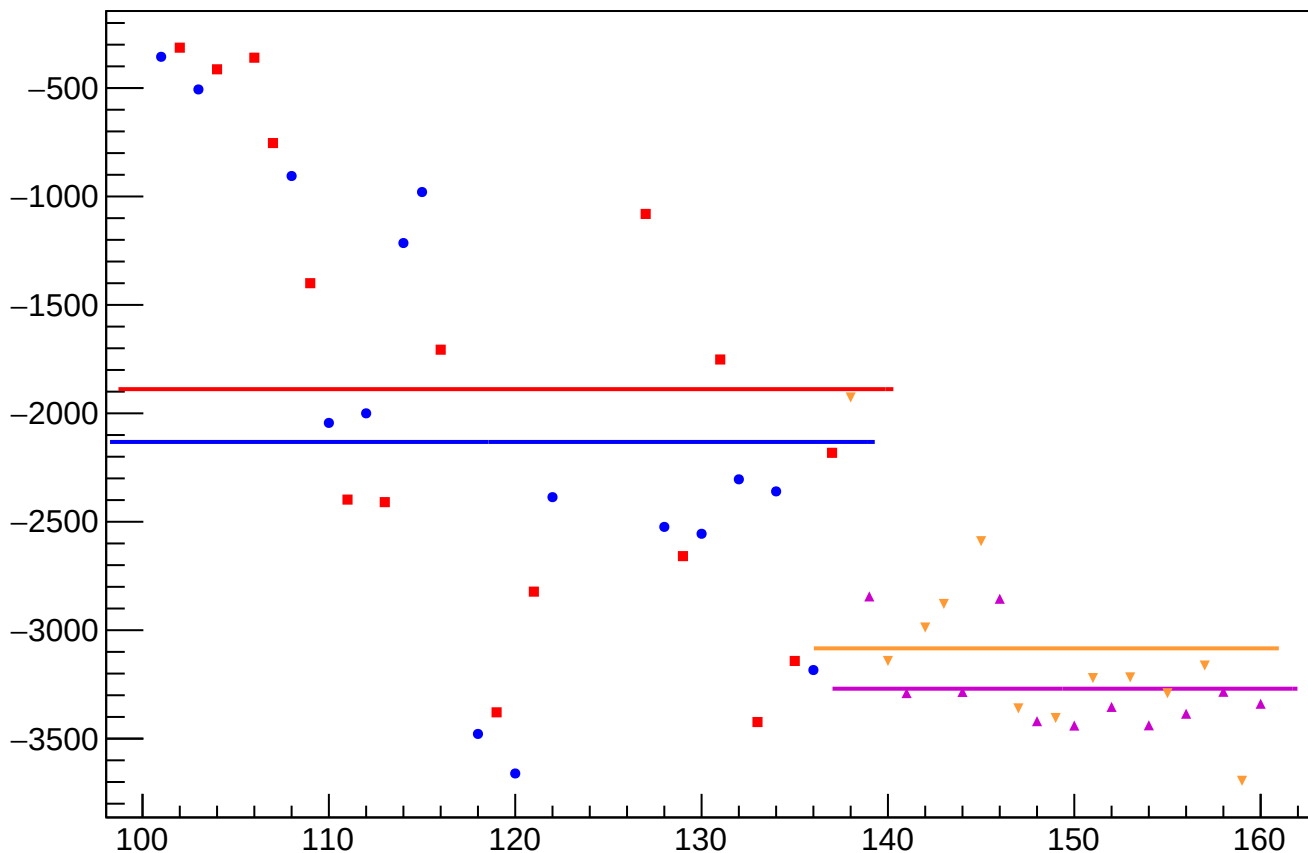
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

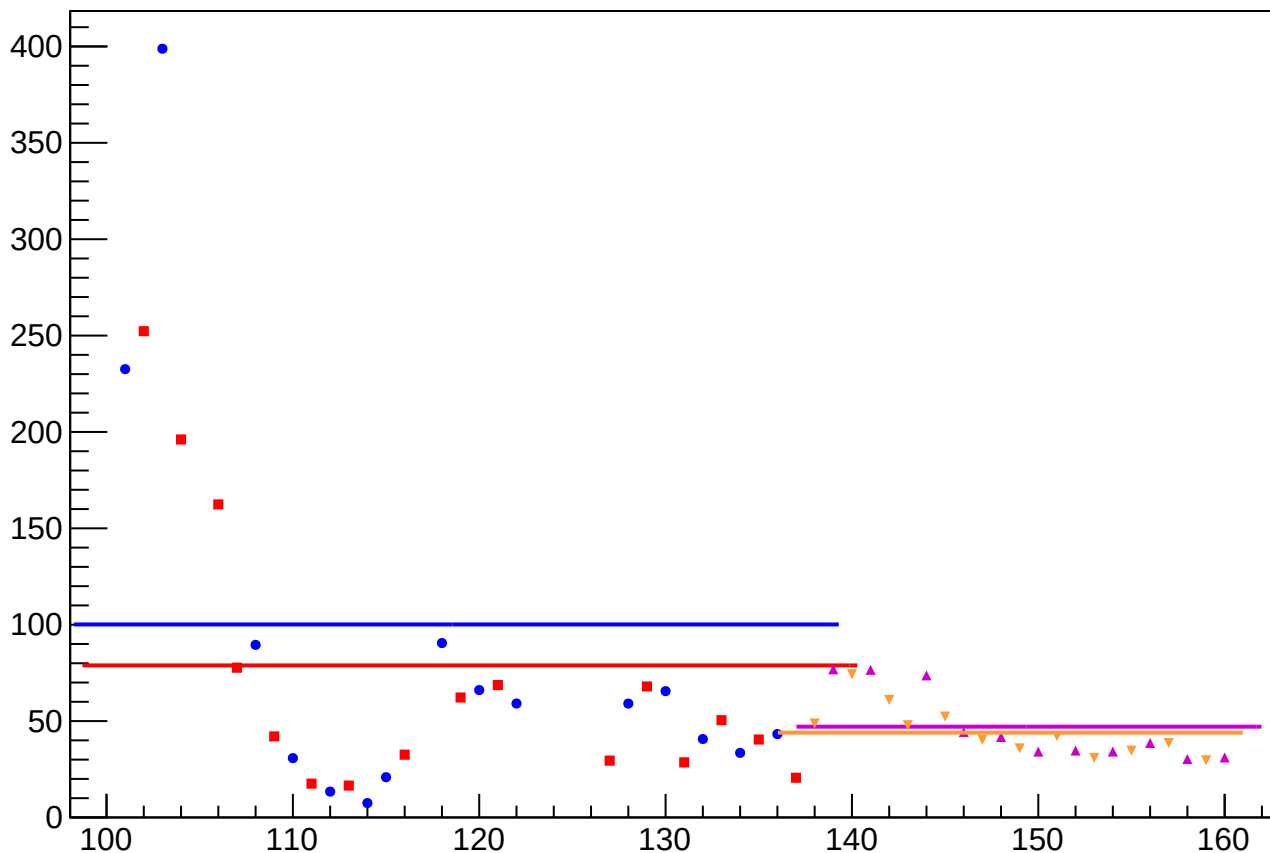
dit_sam8_coil6_mean vs Slug



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 : 1569193348626

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

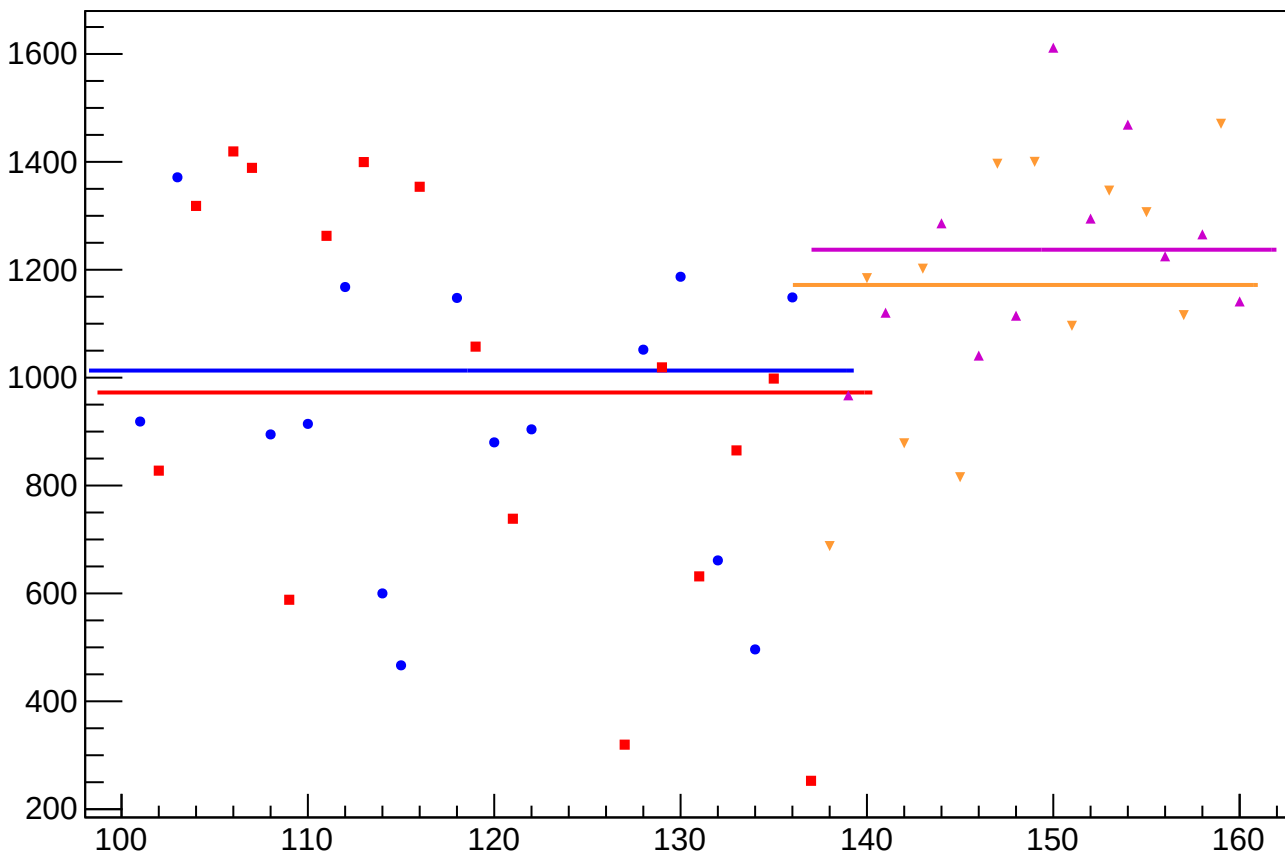
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ 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

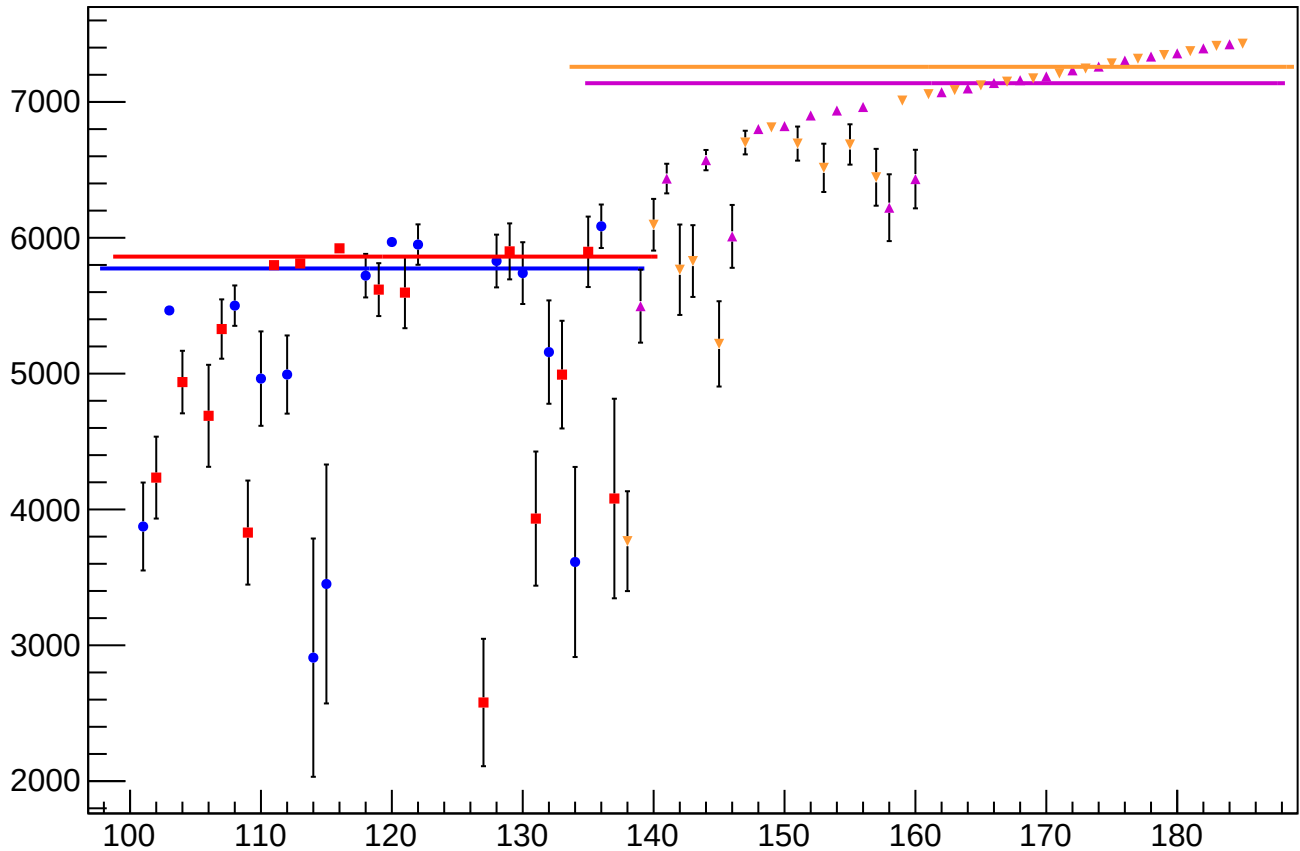
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

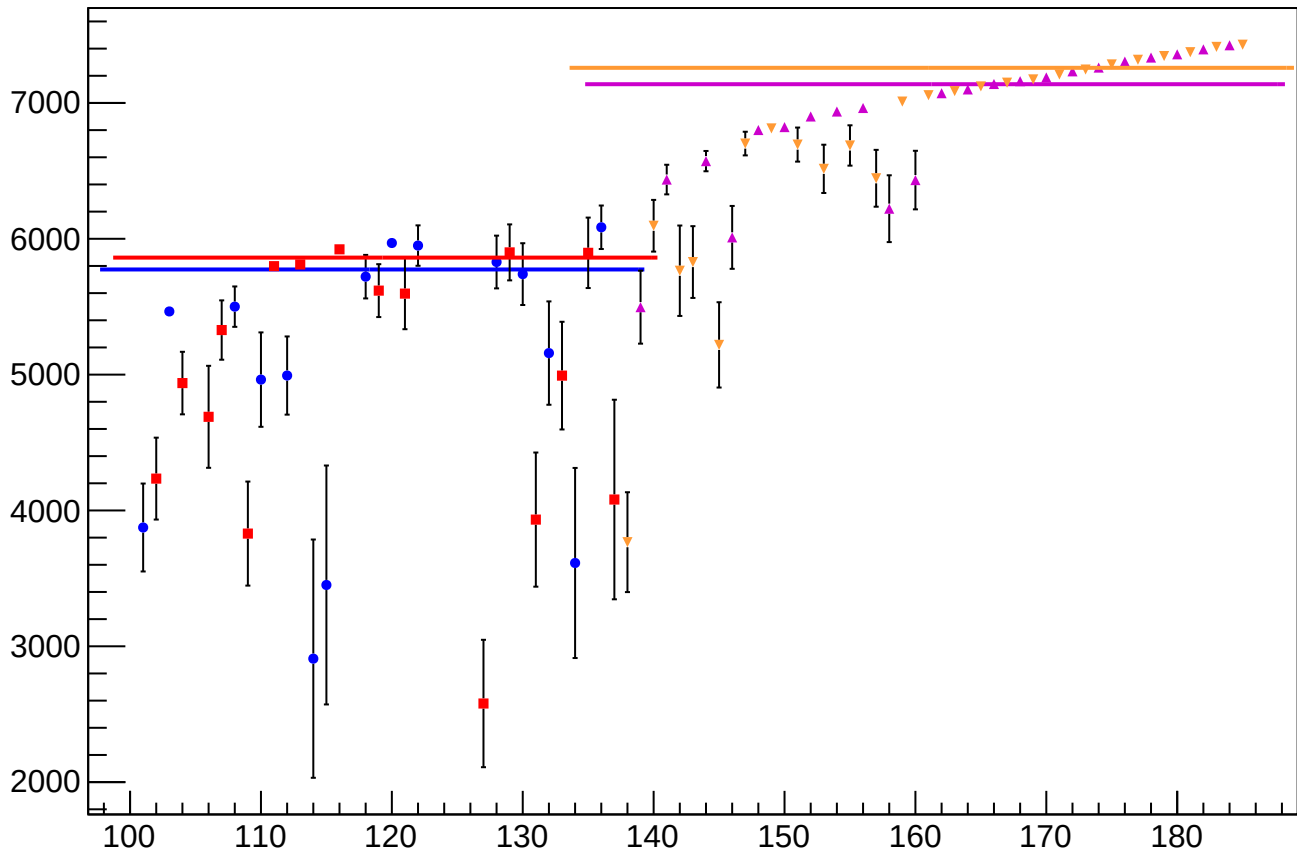
dit_run_mean vs Slug



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

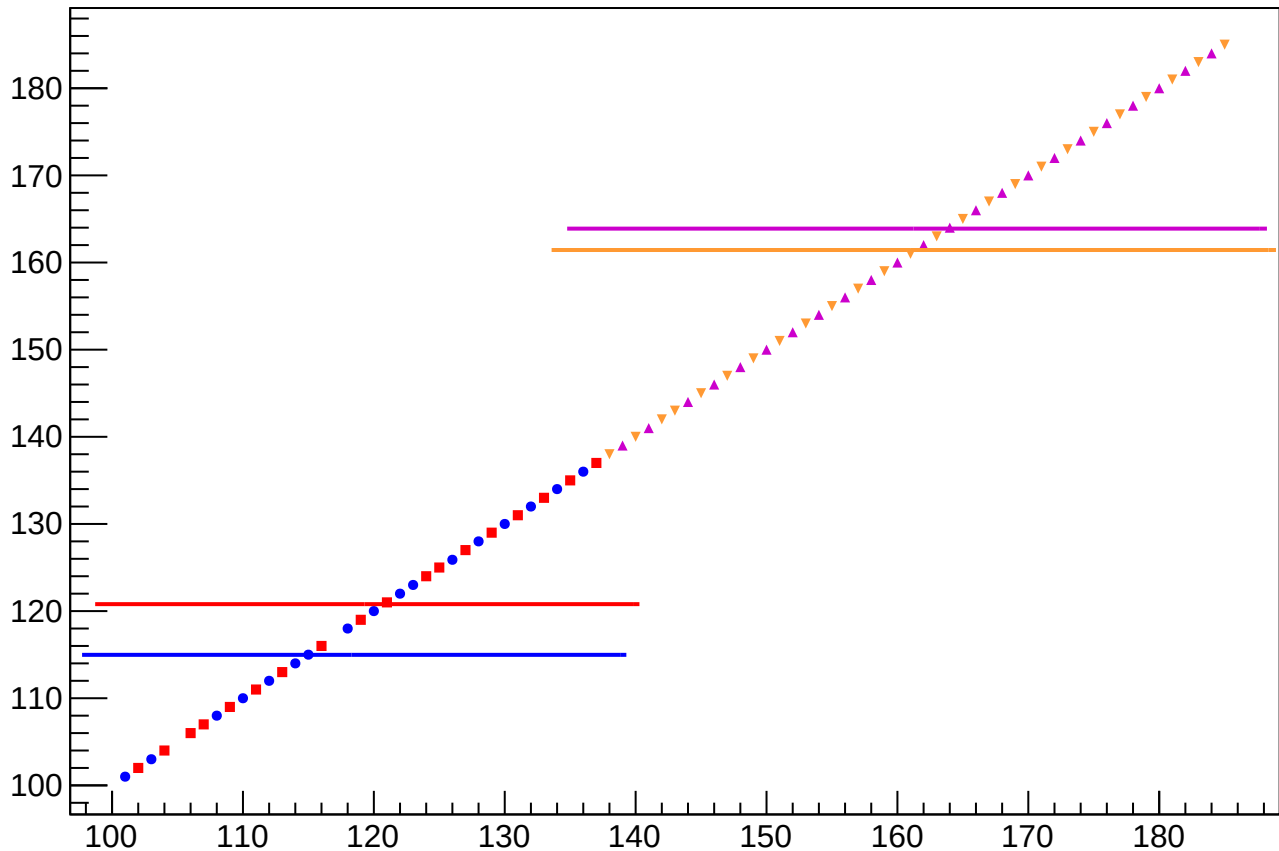
Left In: 7137.987+/-0.098 χ^2 /NDF: 4549121.8/22

+ sign 6955.870+/-0.082 χ^2 /NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2 /NDF: 124412873.1

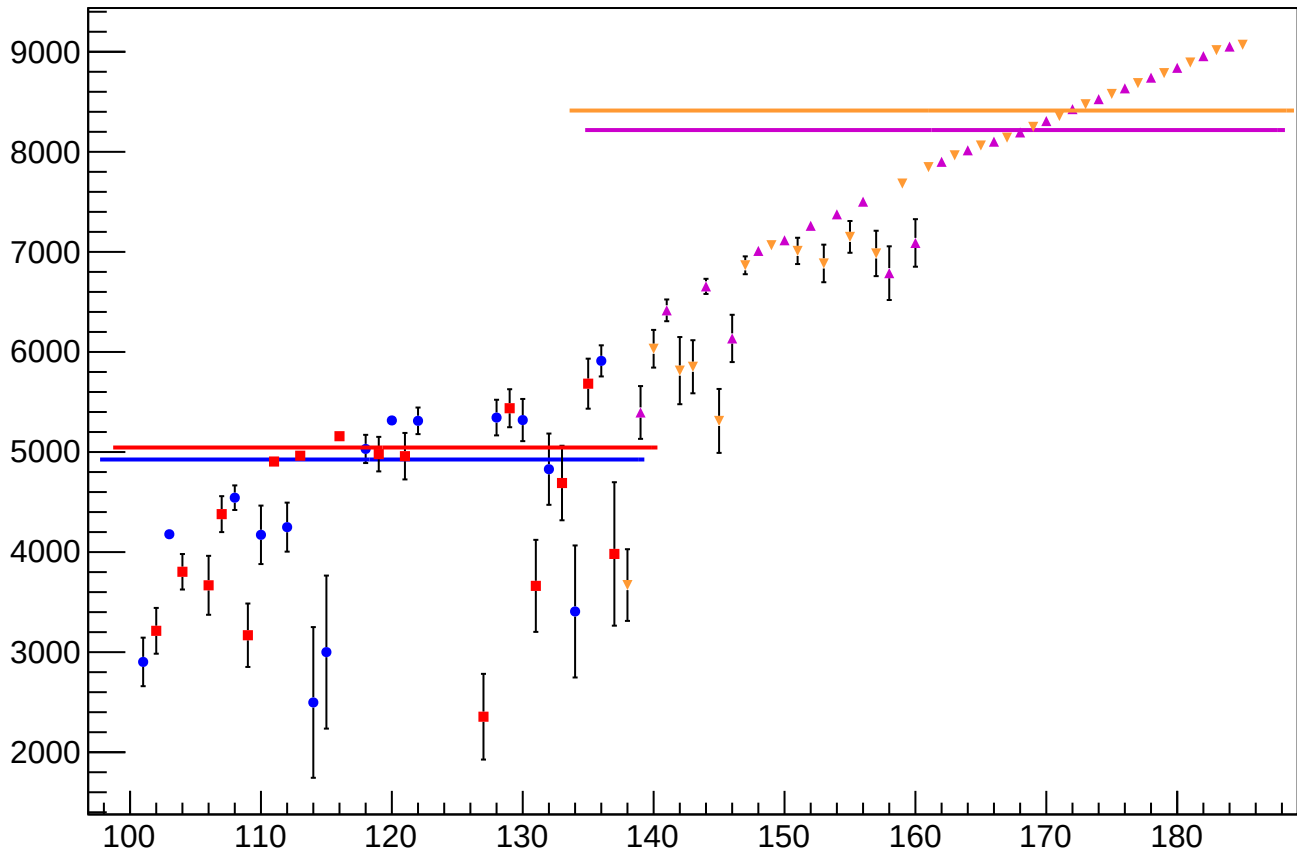
- sign 6715.075+/-0.080 χ^2 /NDF: 60662698.5/38

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

dit_cyclenum_mean vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 8412.753 ± 0.396 χ^2/NDF : 2106465.3/24

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

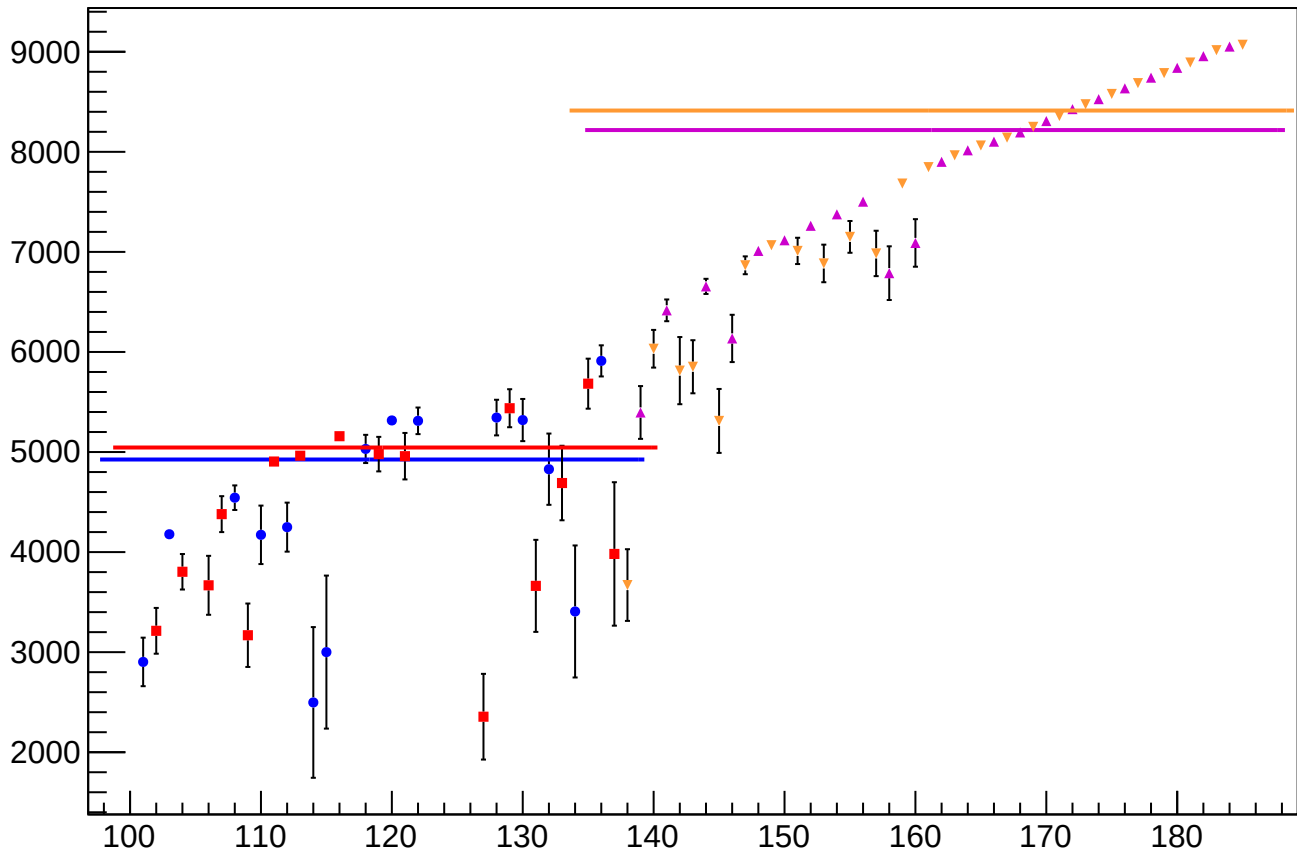
Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ sign 7886.489 ± 0.365 χ^2/NDF : 14157267.1/39

All: 7641.112 ± 0.245 χ^2/NDF : 35014772.5/7

- sign 7439.138 ± 0.331 χ^2/NDF : 20031979.1/38

dit_cyclenum_rms vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 8412.753 $\pm$ 0.396 χ^2 /NDF: 2106465.3/24

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

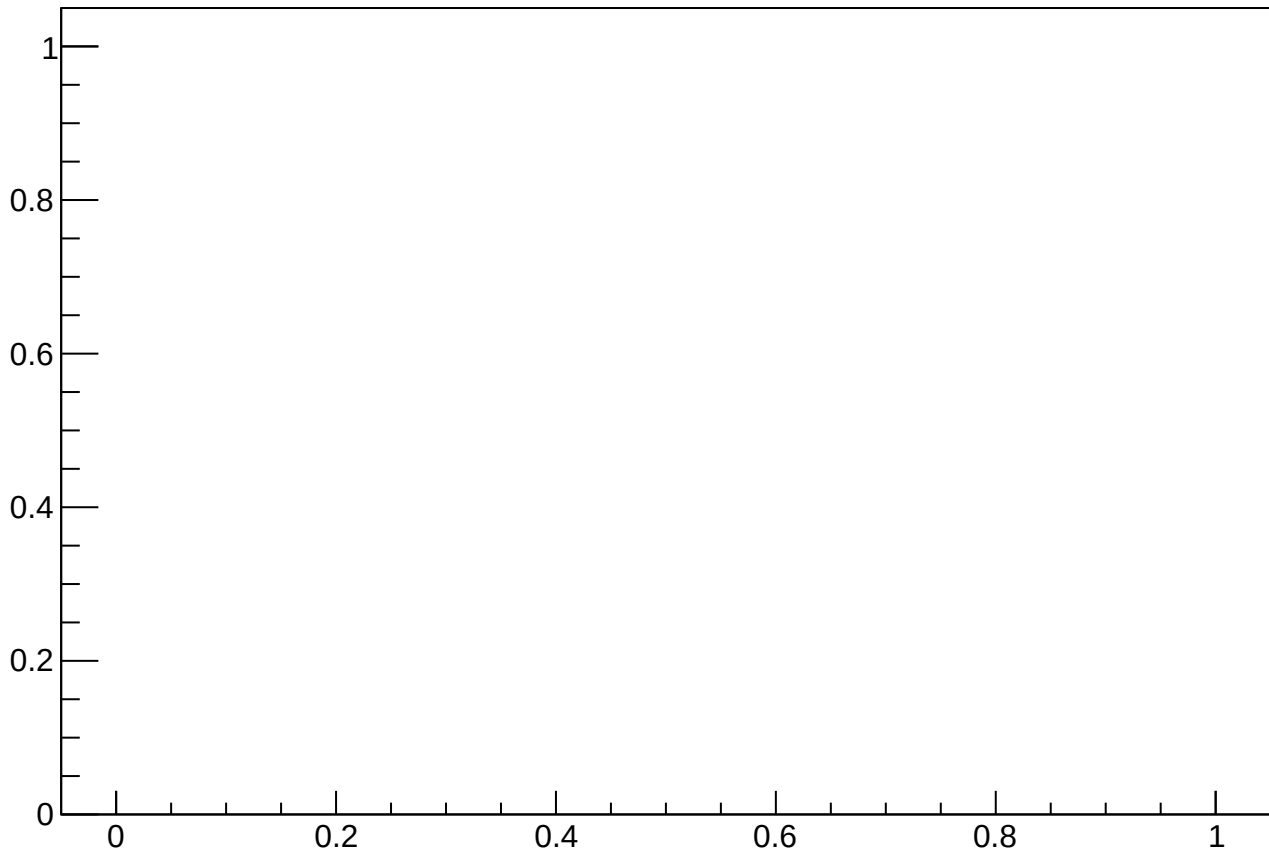
Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ sign 7886.489 $\pm$ 0.365 χ^2 /NDF: 14157267.1/39

All: 7641.112 $\pm$ 0.245 χ^2 /NDF: 35014772.5/7

- sign 7439.138 $\pm$ 0.331 χ^2 /NDF: 20031979.1/38

dit_scandata1_mean vs Slug



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

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

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

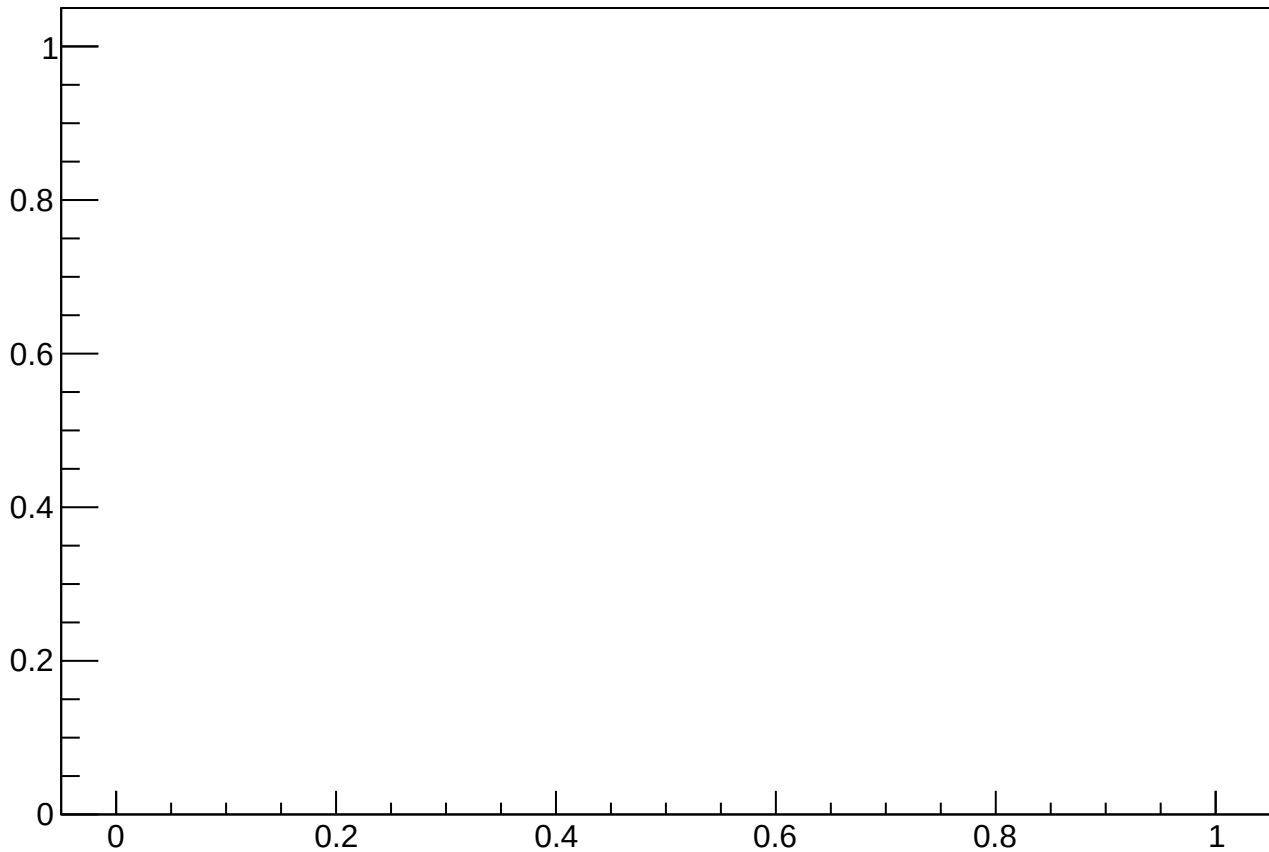
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata1_rms vs Slug



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

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

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

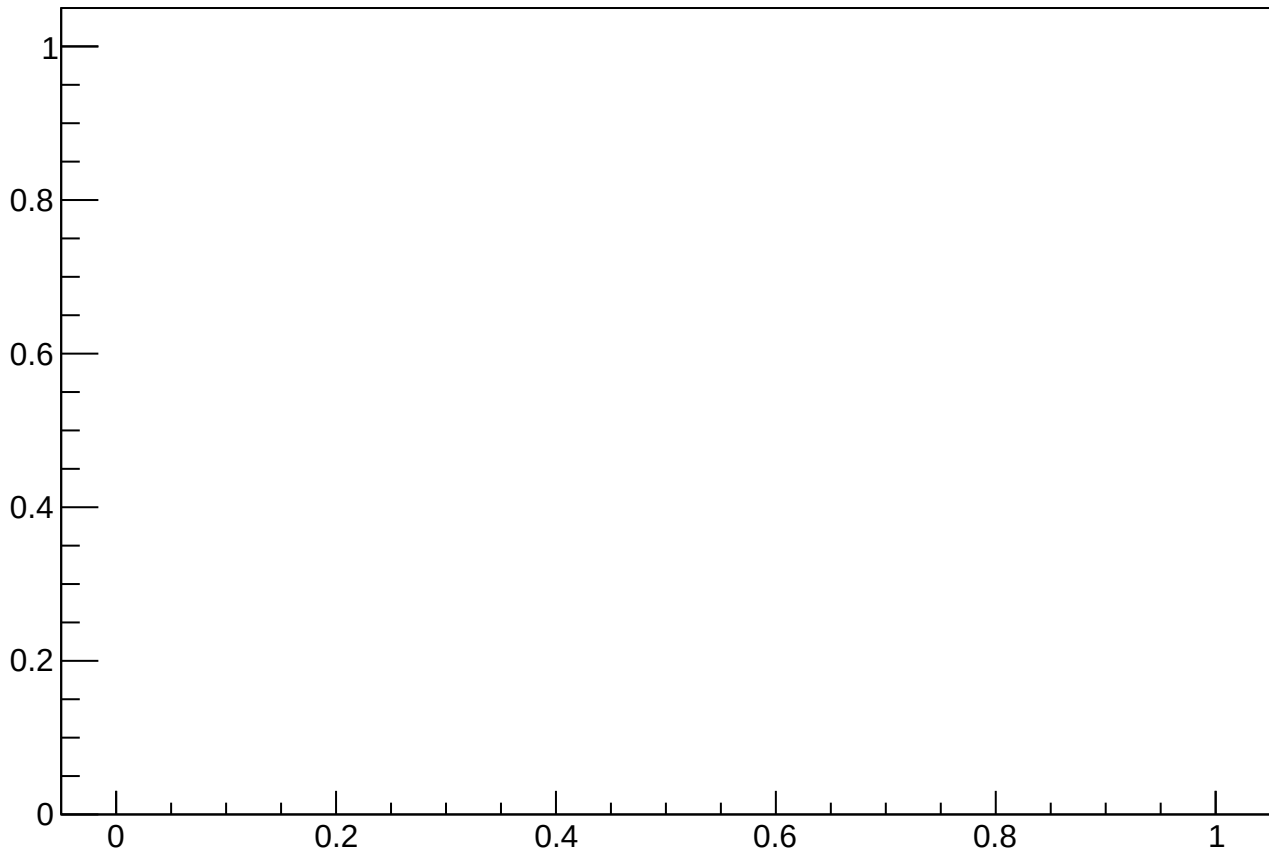
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



Right In: 0.000+/-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

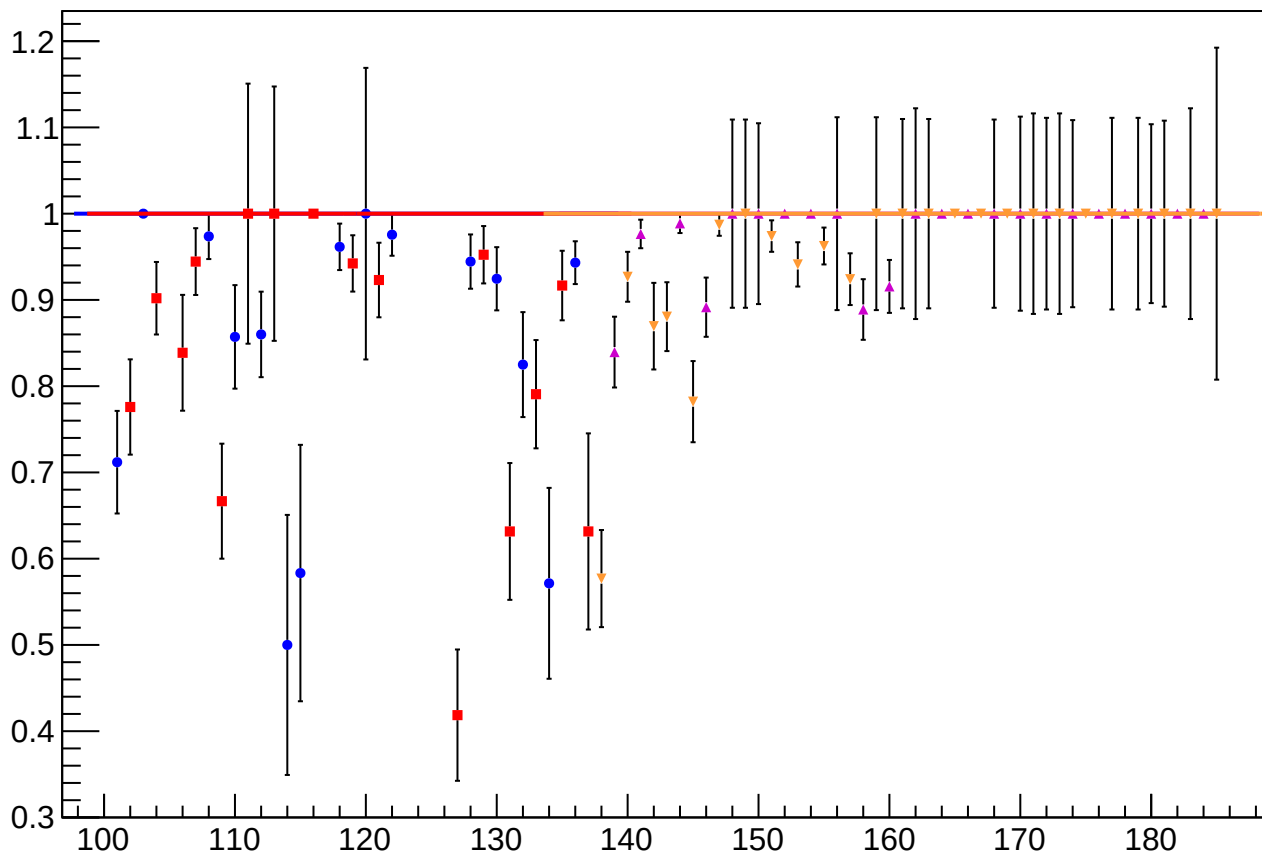
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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_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

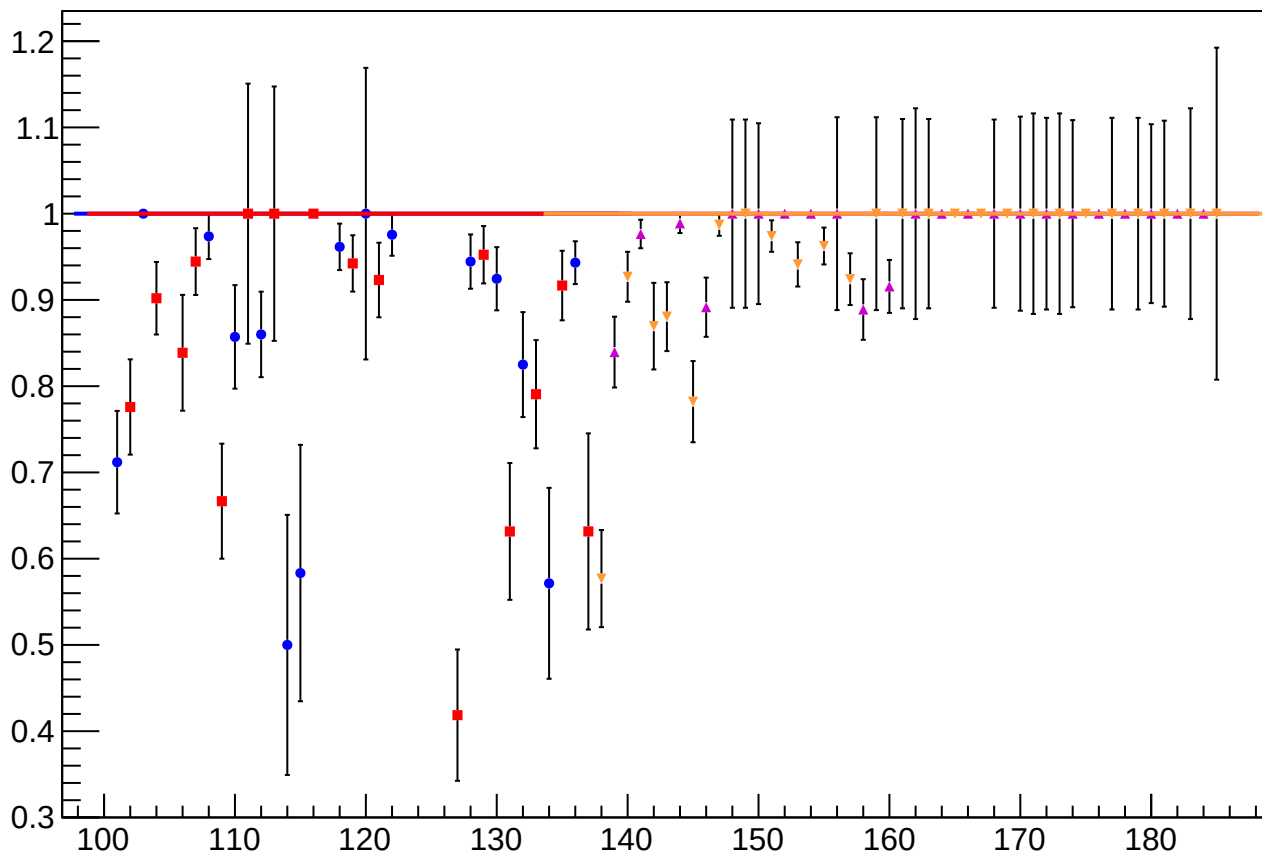
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ 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

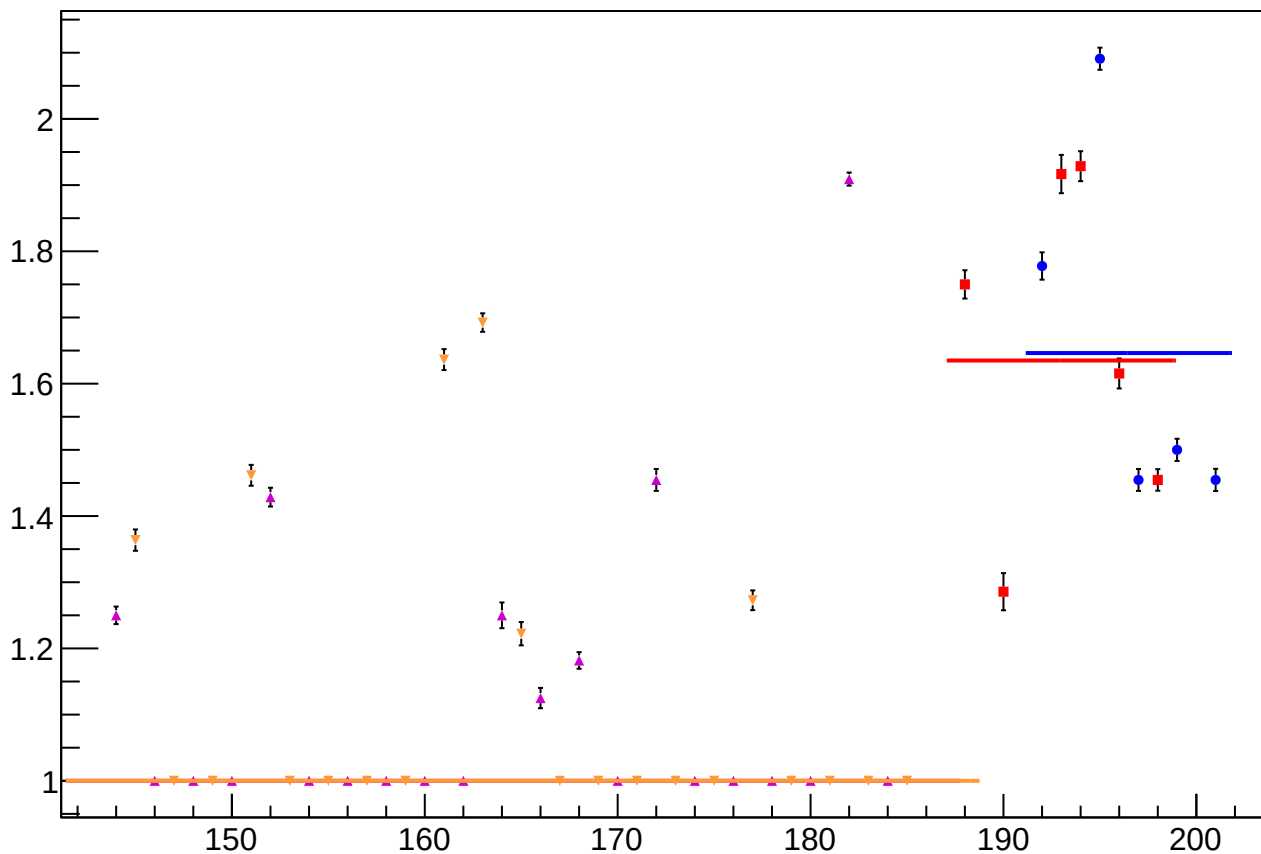
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ 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: 1.635 $\pm$ 0.009 χ^2 /NDF: 570.5/5

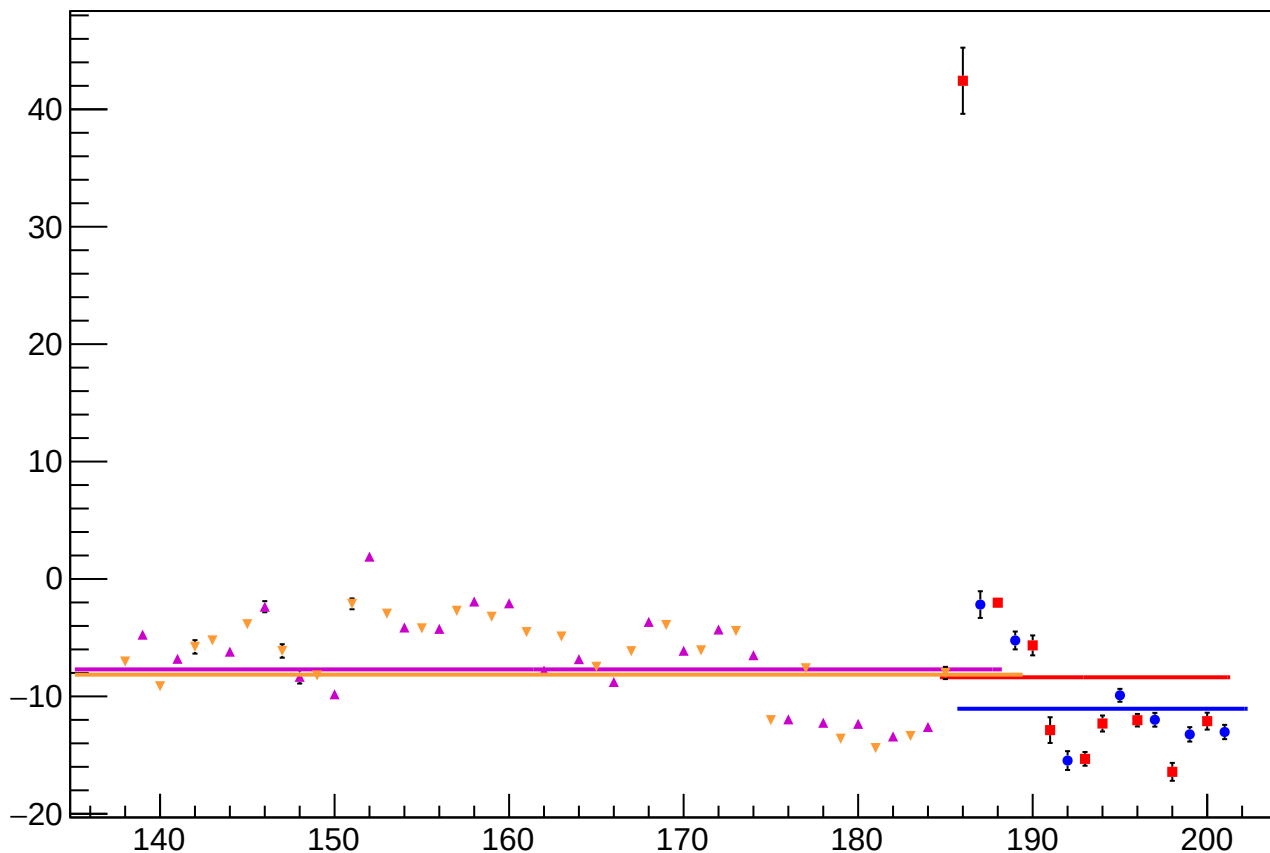
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:12089.0/20

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 26665.7/25

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 32706.9/52

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 17632.7/26

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -11.053 ± 0.253 χ^2/NDF : 179.9/6

Left Out: -8.149 ± 0.068 χ^2/NDF : 3613.1/24

Right Out: -8.373 ± 0.207 χ^2/NDF : 1069.8/8

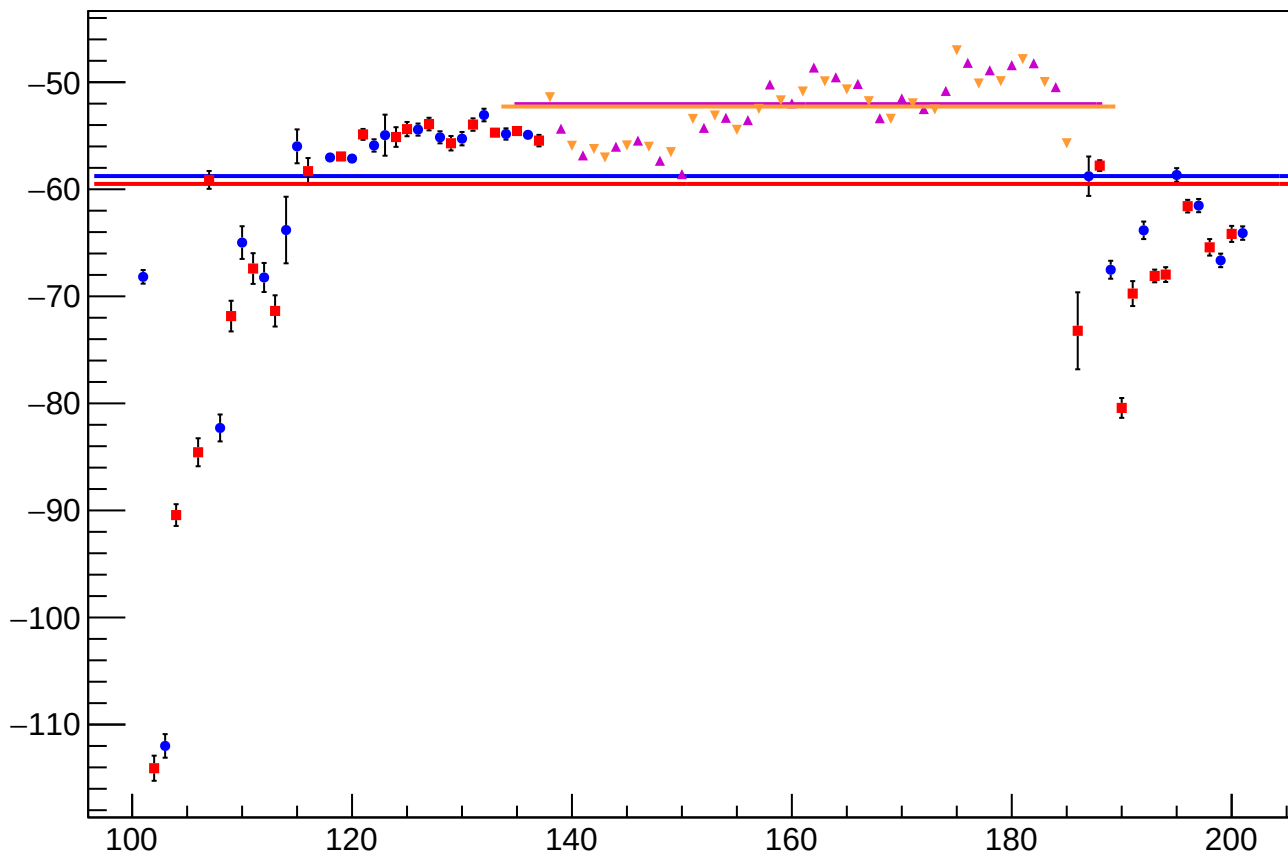
Left In: -7.701 ± 0.068 χ^2/NDF : 3737.2/22

+ sign -8.342 ± 0.065 χ^2/NDF : 3915.8/31

All: -8.054 ± 0.046 χ^2/NDF : 8771.3/63

- sign -7.768 ± 0.065 χ^2/NDF : 4816.6/31

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -58.767 ± 0.126 $\chi^2/\text{NDF}: 3922.2/23$

Left Out: -52.271 ± 0.055 $\chi^2/\text{NDF}: 2609.6/24$

Right Out: -59.500 ± 0.123 $\chi^2/\text{NDF}: 5596.2/26$

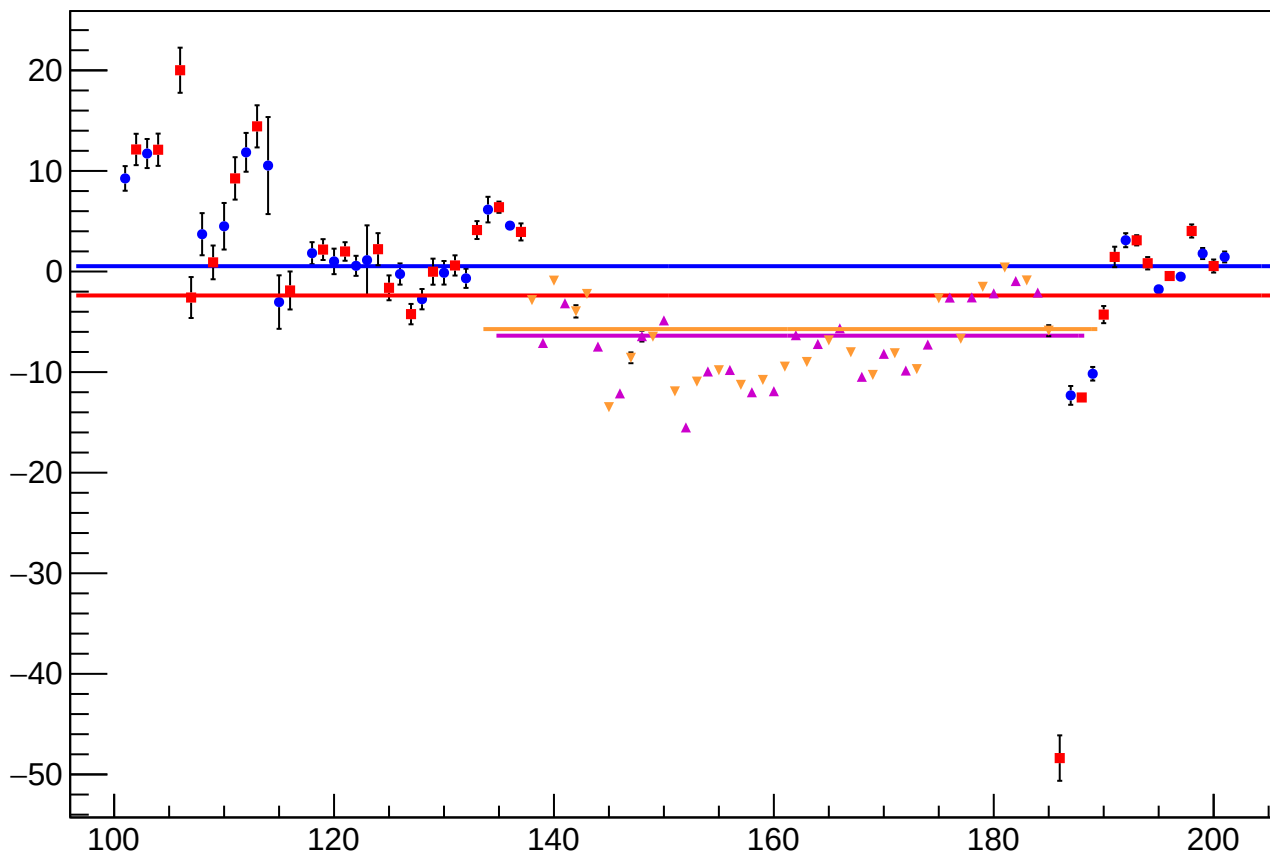
Left In: -52.050 ± 0.057 $\chi^2/\text{NDF}: 3197.5/22$

+ sign -53.321 ± 0.051 $\chi^2/\text{NDF}: 8770.1/48$

All: -53.342 ± 0.036 $\chi^2/\text{NDF}: 20578.8/98$

- sign -53.364 ± 0.052 $\chi^2/\text{NDF}: 11808.3/49$

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 0.530 ± 0.167 $\chi^2/\text{NDF}: 778.7/23$

Left Out: -5.725 ± 0.068 $\chi^2/\text{NDF}: 3989.1/24$

Right Out: -2.382 ± 0.147 $\chi^2/\text{NDF}: 2888.0/26$

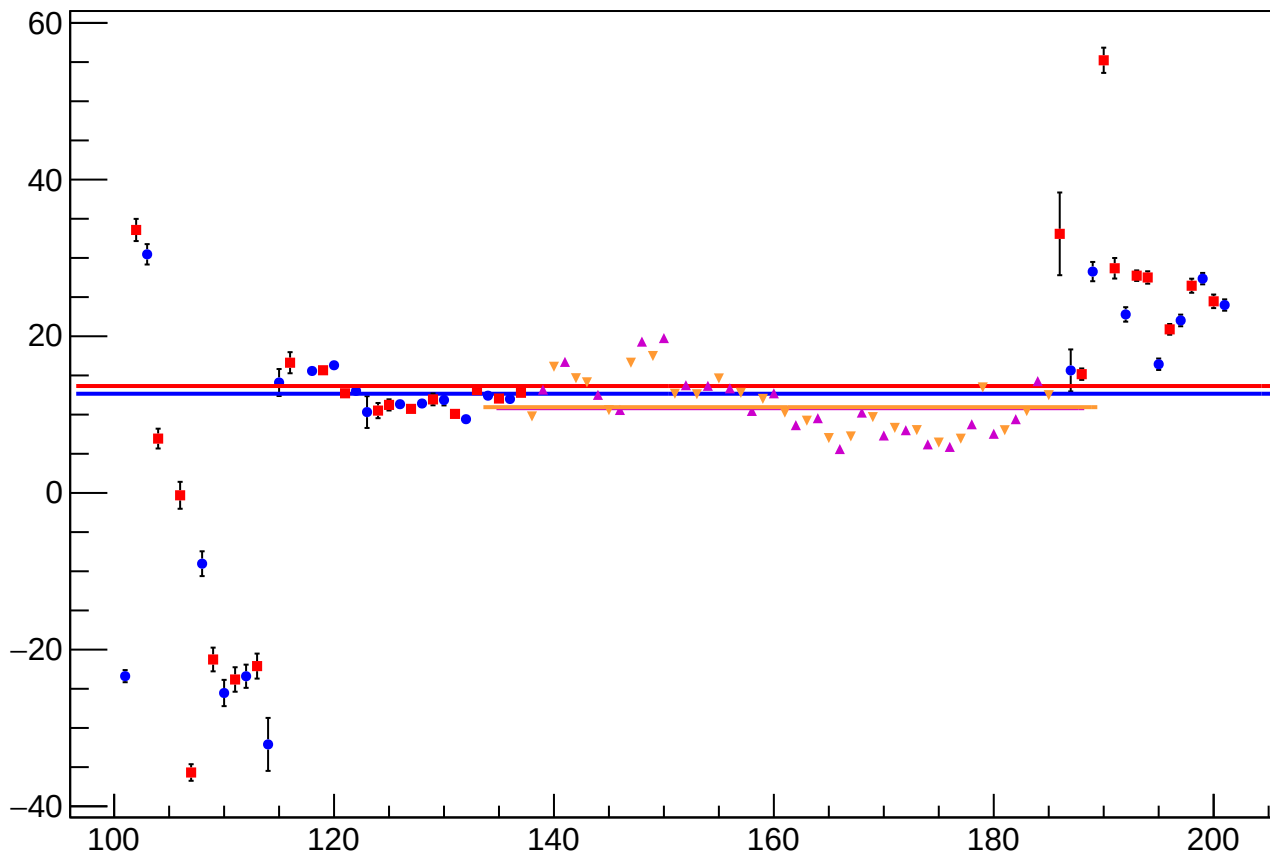
Left In: -6.379 ± 0.068 $\chi^2/\text{NDF}: 3395.7/22$

+ sign -4.844 ± 0.063 $\chi^2/\text{NDF}: 5969.2/48$

All: -5.263 ± 0.044 $\chi^2/\text{NDF}: 12947.1/98$

- sign -5.672 ± 0.062 $\chi^2/\text{NDF}: 6889.8/49$

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.664 $\pm$ 0.141 χ^2 /NDF: 5058.0/23

Left Out: 10.950 $\pm$ 0.062 χ^2 /NDF: 2620.4/24

Right Out: 13.649 $\pm$ 0.141 χ^2 /NDF: 6235.0/26

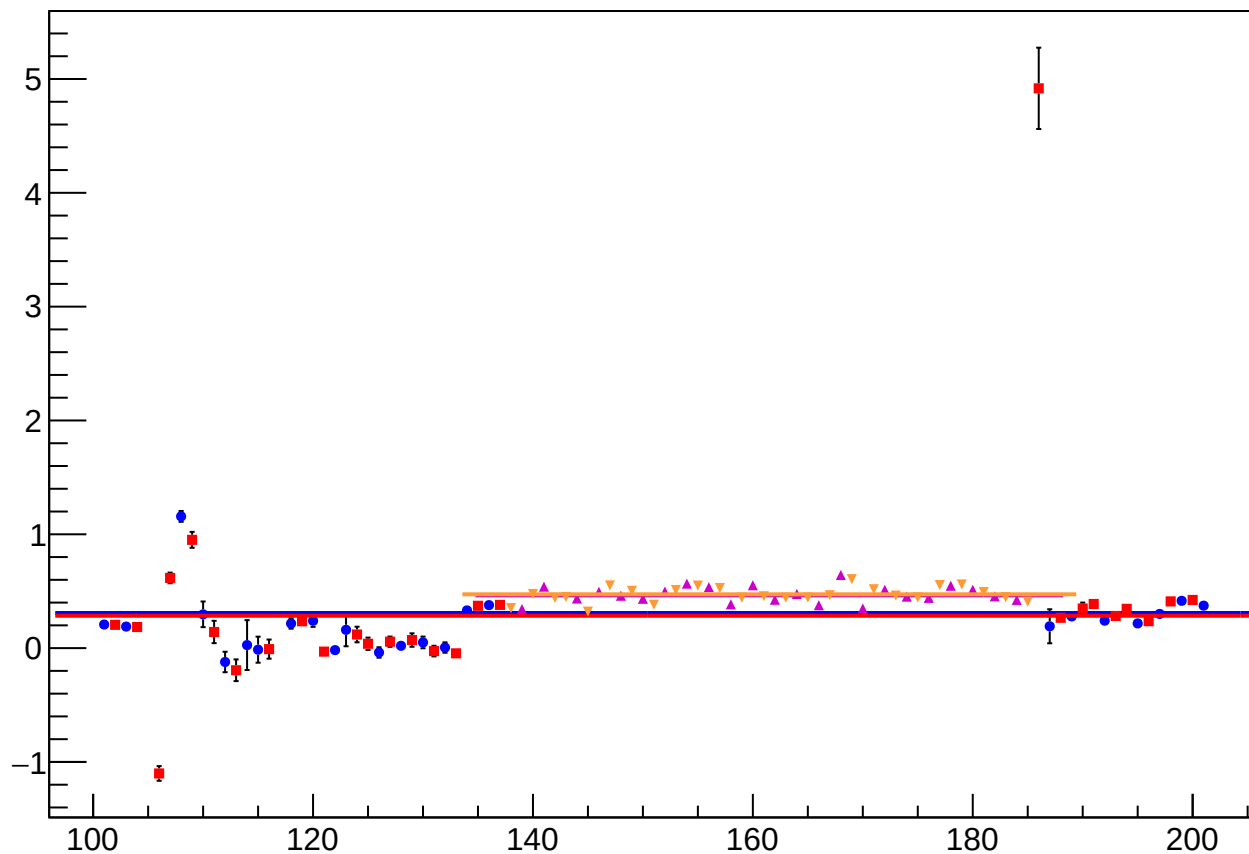
Left In: 10.818 $\pm$ 0.063 χ^2 /NDF: 3577.7/22

+ sign 11.223 $\pm$ 0.056 χ^2 /NDF: 7802.2/48

All: 11.256 $\pm$ 0.040 χ^2 /NDF: 17952.3/98

- sign 11.290 $\pm$ 0.057 χ^2 /NDF: 10149.4/49

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.309 ± 0.006 χ^2/NDF : 707.4/23

Left Out: 0.473 ± 0.003 χ^2/NDF : 515.0/24

Right Out: 0.284 ± 0.006 χ^2/NDF : 1218.3/26

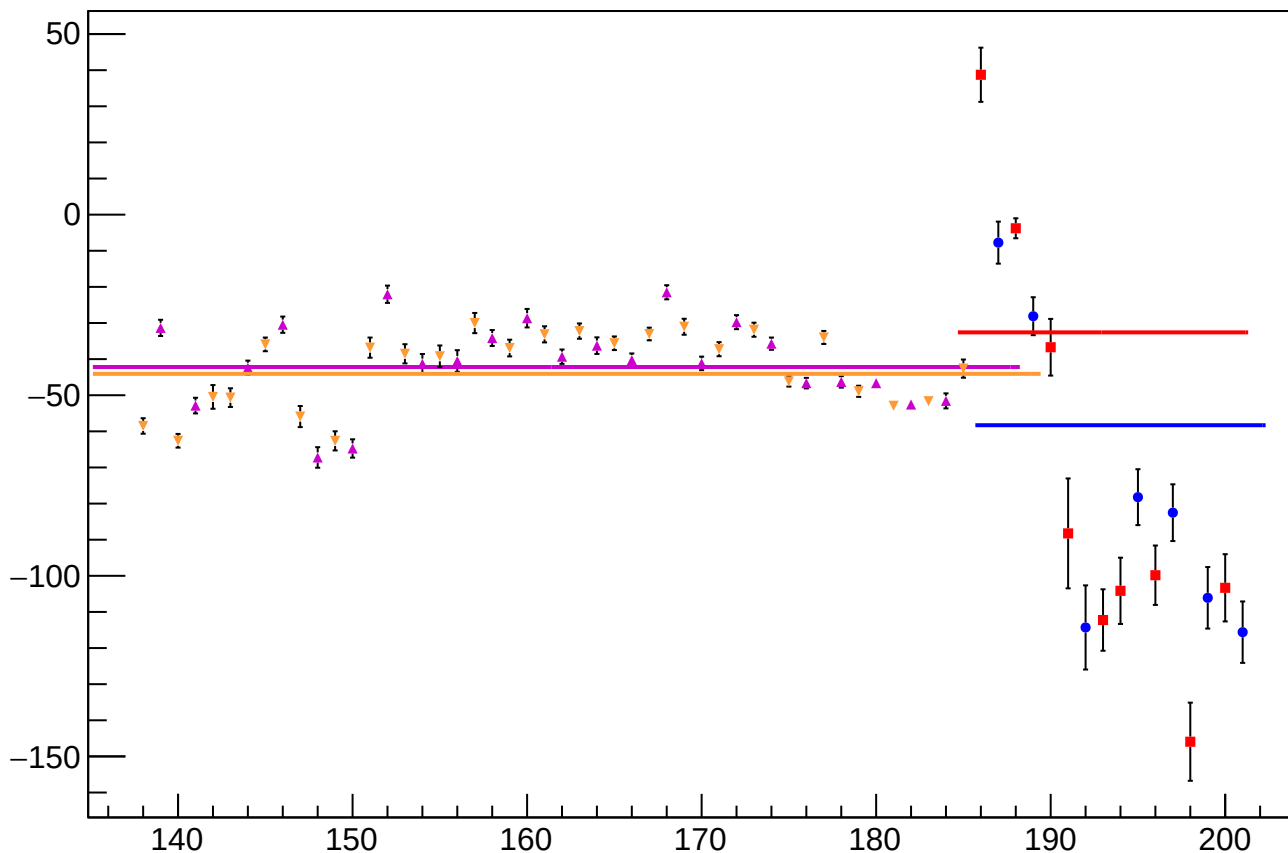
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.446 ± 0.003 χ^2/NDF : 1792.3/48

All: 0.440 ± 0.002 χ^2/NDF : 4451.0/98

- sign 0.434 ± 0.003 χ^2/NDF : 2647.6/49

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -58.300 ± 2.735 χ^2/NDF : 224.7/6

Left Out: -44.074 ± 0.389 χ^2/NDF : 632.8/24

Right Out: -32.592 ± 2.087 χ^2/NDF : 595.6/8

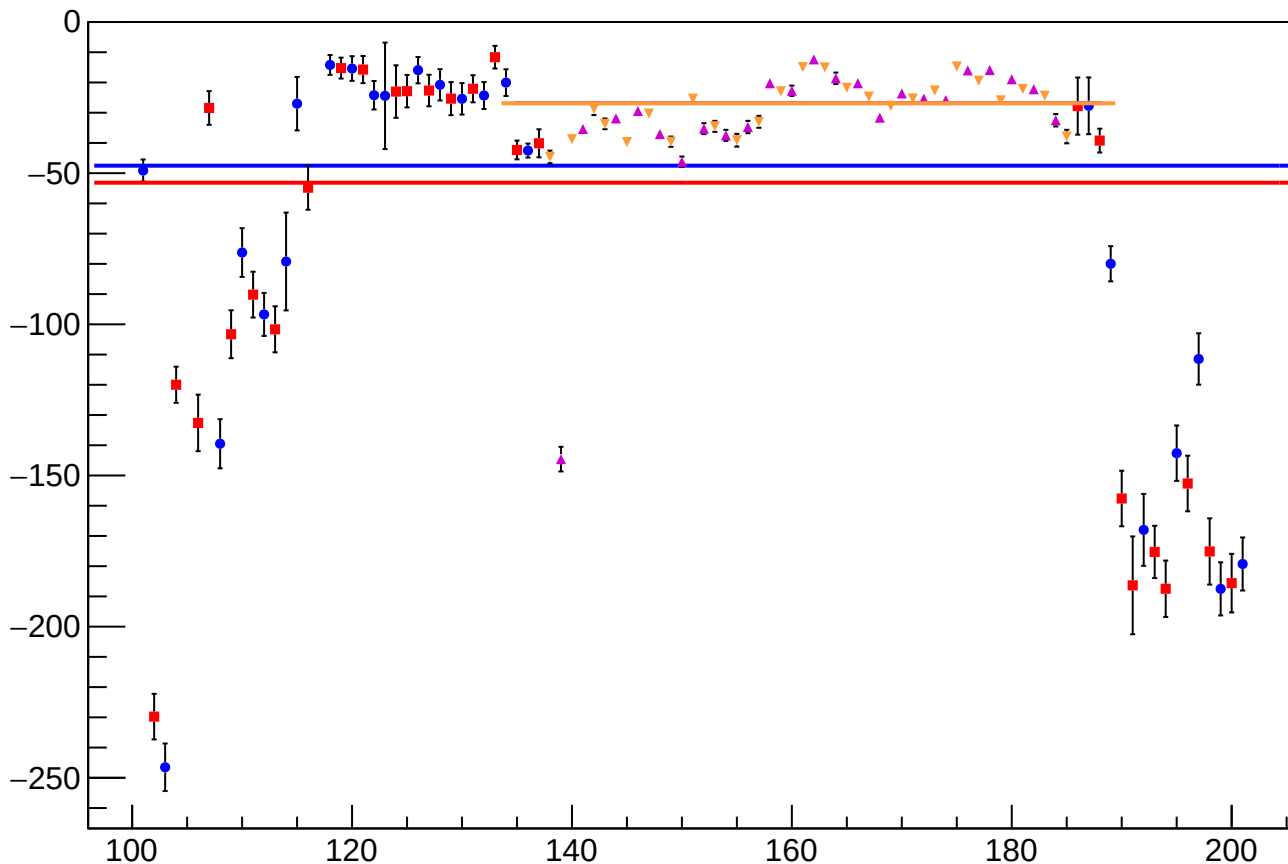
Left In: -42.185 ± 0.398 χ^2/NDF : 651.0/22

+ sign -44.356 ± 0.385 χ^2/NDF : 884.0/31

All: -43.119 ± 0.274 χ^2/NDF : 2171.9/63

- sign -41.849 ± 0.390 χ^2/NDF : 1267.0/31

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -47.521 ± 1.070 $\chi^2/\text{NDF}: 1980.0/23$

Left Out: -26.867 ± 0.317 $\chi^2/\text{NDF}: 629.1/24$

Right Out: -53.148 ± 1.099 $\chi^2/\text{NDF}: 2406.1/26$

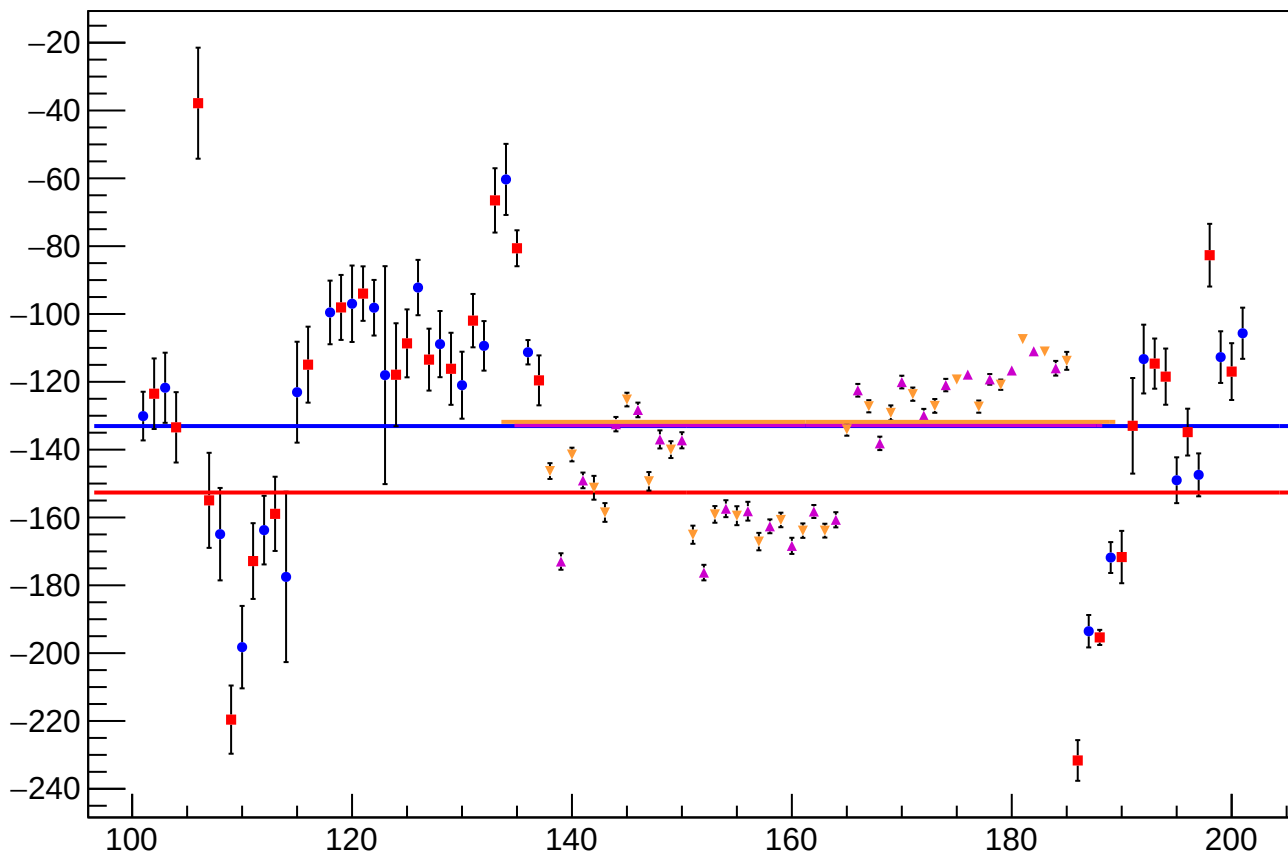
Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

+ sign -28.533 ± 0.304 $\chi^2/\text{NDF}: 2951.6/48$

All: -28.735 ± 0.218 $\chi^2/\text{NDF}: 7367.7/98$

- sign -28.948 ± 0.312 $\chi^2/\text{NDF}: 4415.2/49$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -133.045 $\pm$ 1.550 χ^2 /NDF: 485.1/23

Left Out: -131.805 $\pm$ 0.392 χ^2 /NDF:2417.0/24

Right Out: -152.640 $\pm$ 1.367 χ^2 /NDF: 1263.4/26

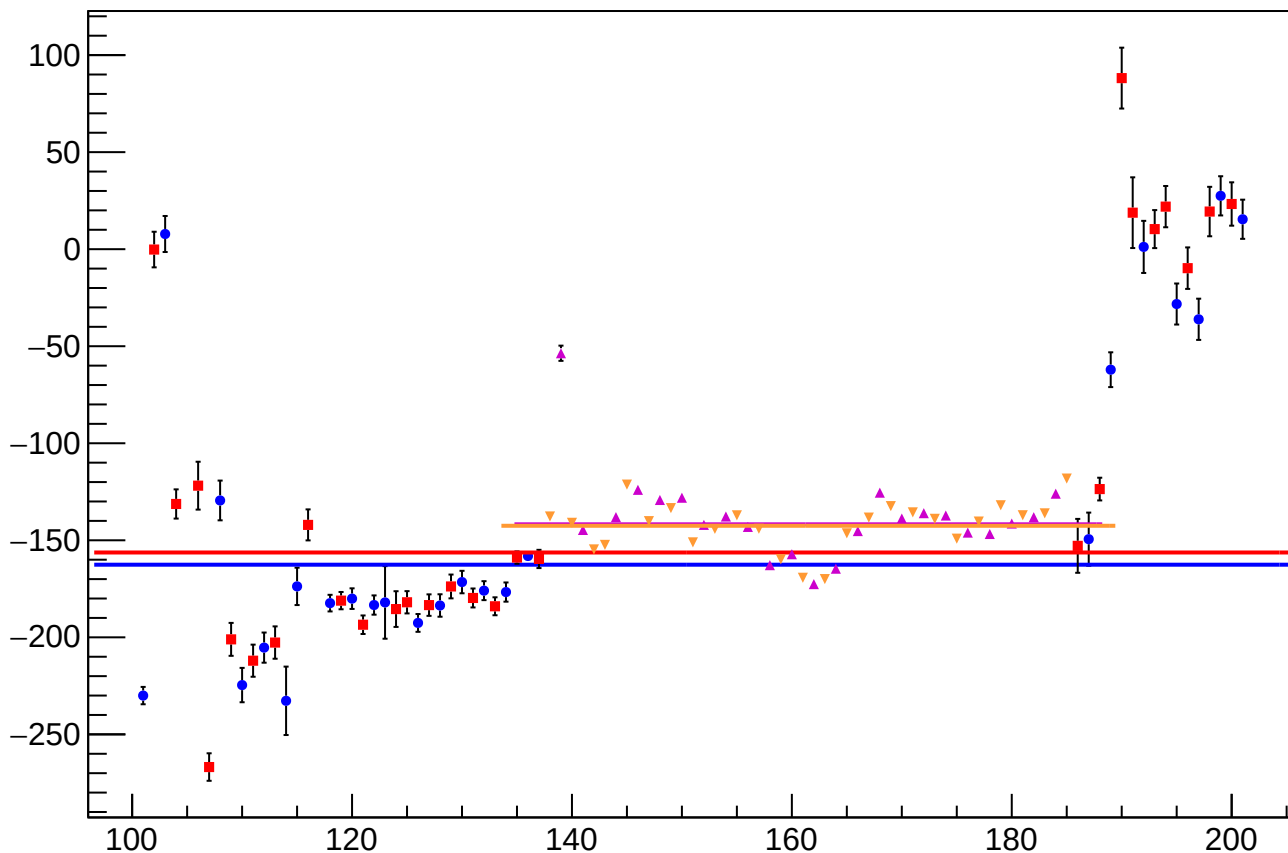
Left In: -132.799 $\pm$ 0.398 χ^2 /NDF:2515.9/22

+ sign -131.880 $\pm$ 0.380 χ^2 /NDF: 2902.7/48

All: -133.108 $\pm$ 0.269 χ^2 /NDF: 6897.2/98

- sign -134.349 $\pm$ 0.382 χ^2 /NDF: 3973.4/49

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -162.577 ± 1.210 χ^2/NDF : 2044.0/23

Left Out: -142.517 ± 0.355 χ^2/NDF : 1144.2/24

Right Out: -156.284 ± 1.263 χ^2/NDF : 2446.5/26

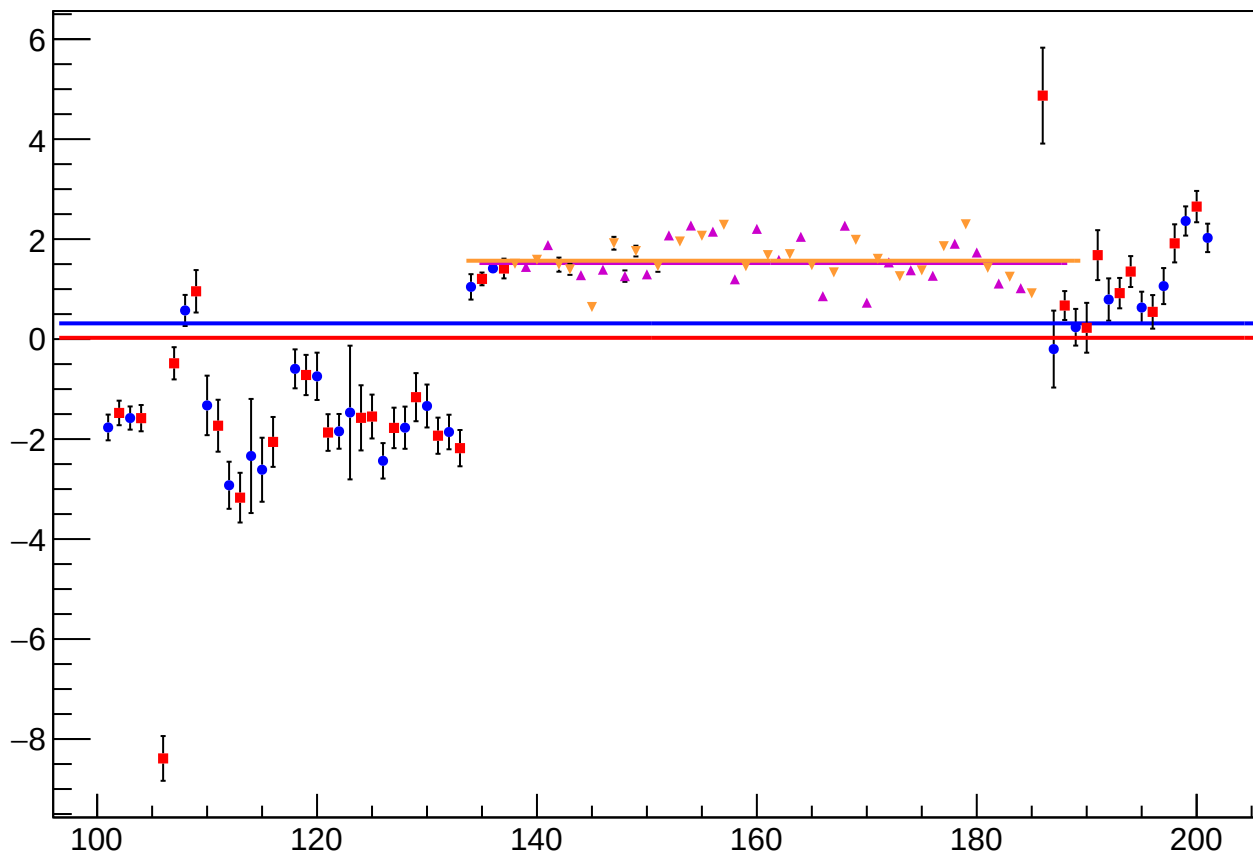
Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

+ sign -144.105 ± 0.340 χ^2/NDF : 3441.3/48

All: -143.504 ± 0.244 χ^2/NDF : 7620.6/98

- sign -142.874 ± 0.349 χ^2/NDF : 4172.9/49

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.315 ± 0.060 χ^2/NDF : 632.3/23

Left Out: 1.568 ± 0.016 χ^2/NDF : 541.0/24

Right Out: 0.026 ± 0.061 χ^2/NDF : 947.3/26

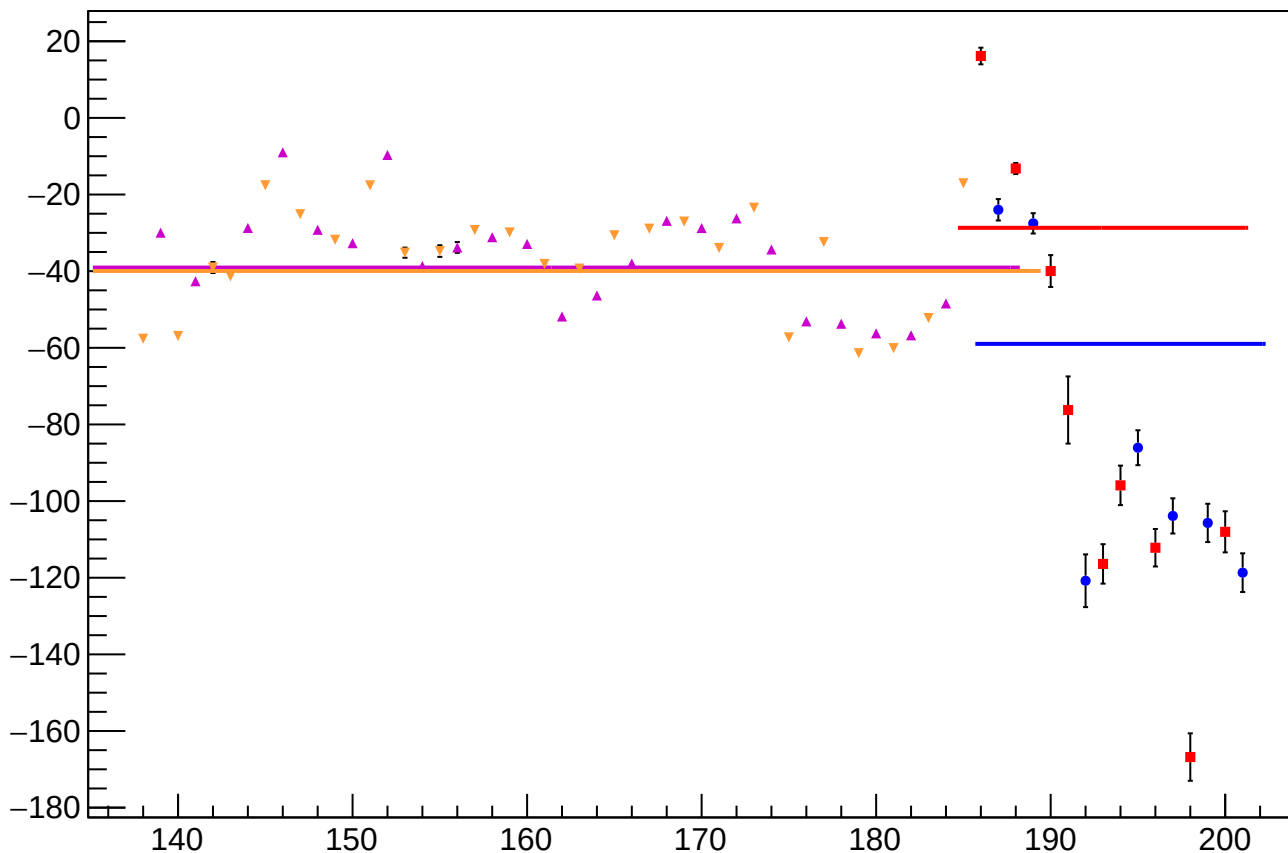
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ sign 1.482 ± 0.016 χ^2/NDF : 1582.0/48

All: 1.452 ± 0.011 χ^2/NDF : 3829.7/98

- sign 1.422 ± 0.016 χ^2/NDF : 2240.4/49

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -58.975 ± 1.465 χ^2/NDF : 736.1/6

Left Out: -39.942 ± 0.153 χ^2/NDF : 9806.2/24

Right Out: -28.682 ± 1.030 χ^2/NDF : 2046.8/8

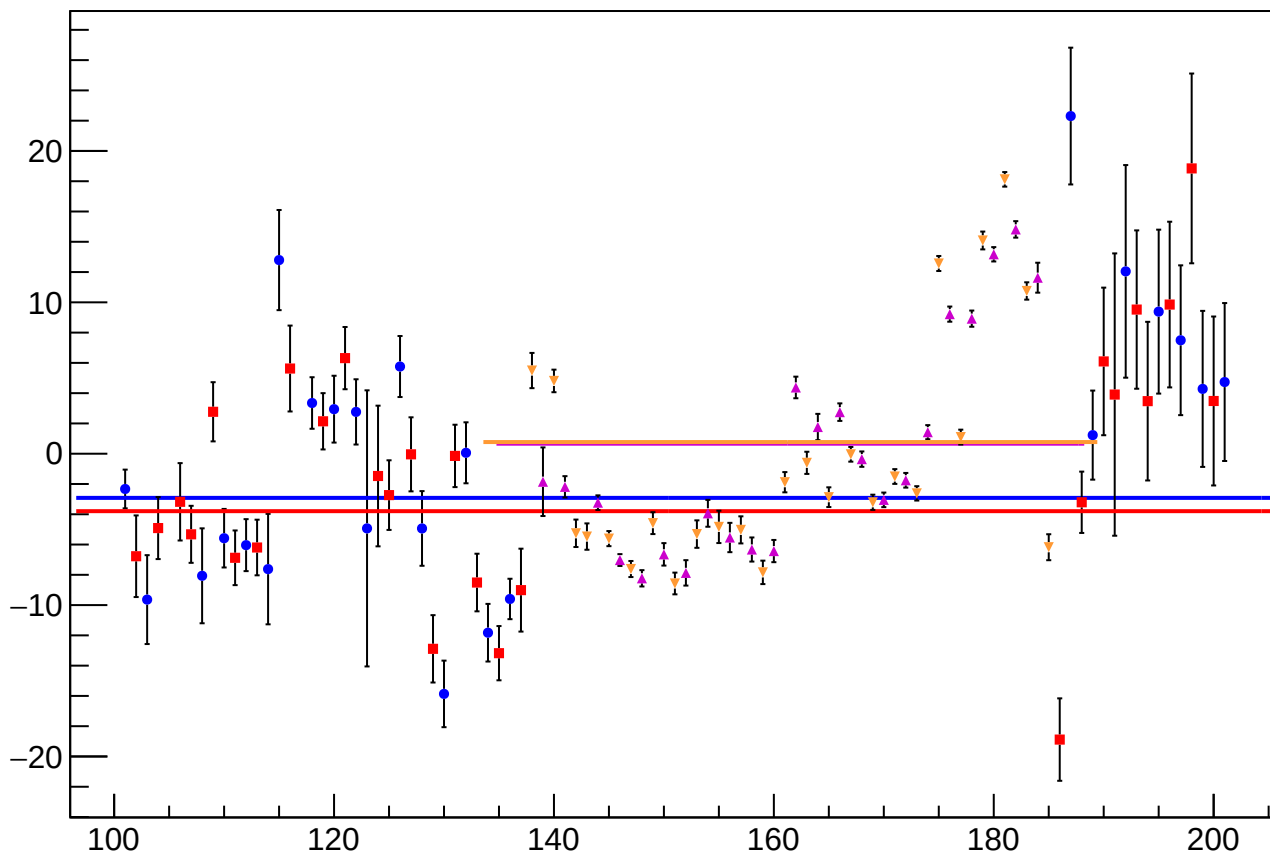
Left In: -39.060 ± 0.154 χ^2/NDF : 8577.0/22

+ sign -40.148 ± 0.152 χ^2/NDF : 10709.3/31

All: -39.490 ± 0.108 χ^2/NDF : 21469.6/63

- sign -38.833 ± 0.152 χ^2/NDF : 10723.1/31

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -2.917 ± 0.476 χ^2/NDF : 219.6/23

Left Out: 0.770 ± 0.124 χ^2/NDF : 3952.9/24

Right Out: -3.795 ± 0.472 χ^2/NDF : 188.3/26

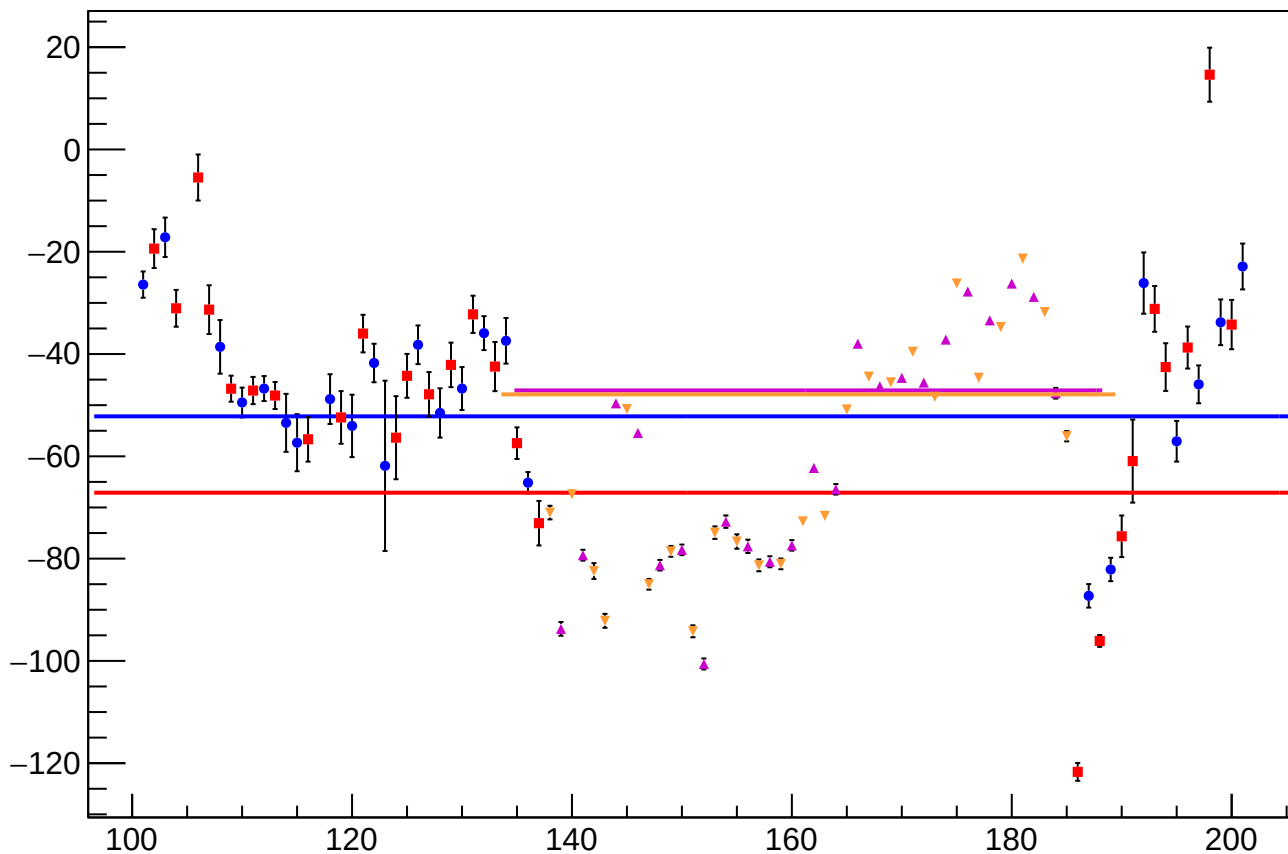
Left In: 0.662 ± 0.124 χ^2/NDF : 3340.9/22

+ sign 0.535 ± 0.120 χ^2/NDF : 4228.7/48

All: 0.454 ± 0.085 χ^2/NDF : 7842.1/98

- sign 0.375 ± 0.120 χ^2/NDF : 3612.6/49

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -52.184 ± 0.719 χ^2/NDF : 782.6/23

Left Out: -47.888 ± 0.155 χ^2/NDF : 16707.2/24

Right Out: -67.115 ± 0.611 χ^2/NDF : 3006.6/26

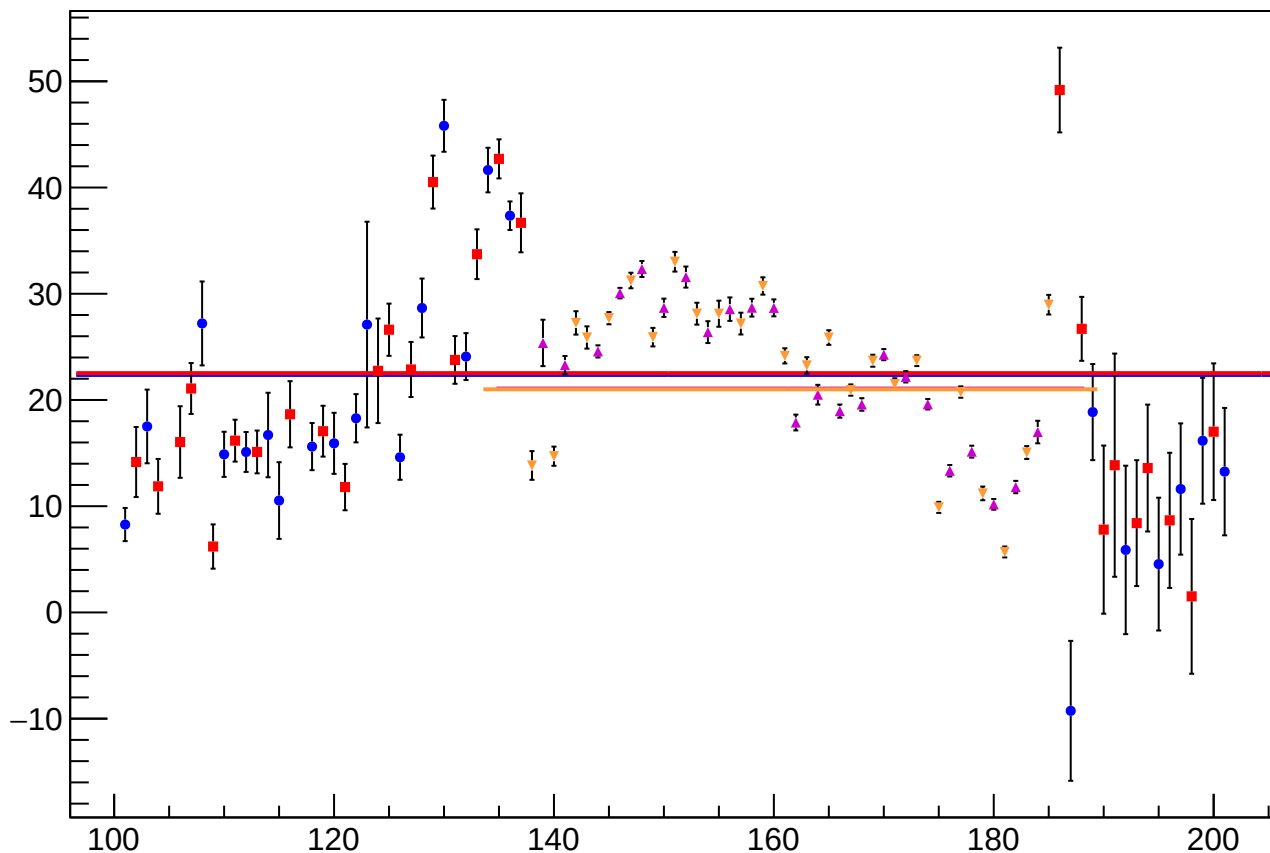
Left In: -47.112 ± 0.155 χ^2/NDF : 15654.8/22

+ sign -48.079 ± 0.151 χ^2/NDF : 17523.9/48

All: -48.199 ± 0.107 χ^2/NDF : 37192.7/98

- sign -48.316 ± 0.150 χ^2/NDF : 19667.5/49

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.360 $\pm$ 0.540 χ^2 /NDF: 505.3/23

Left Out: 21.005 $\pm$ 0.139 χ^2 /NDF: 2789.5/24

Right Out: 22.529 $\pm$ 0.545 χ^2 /NDF: 440.4/26

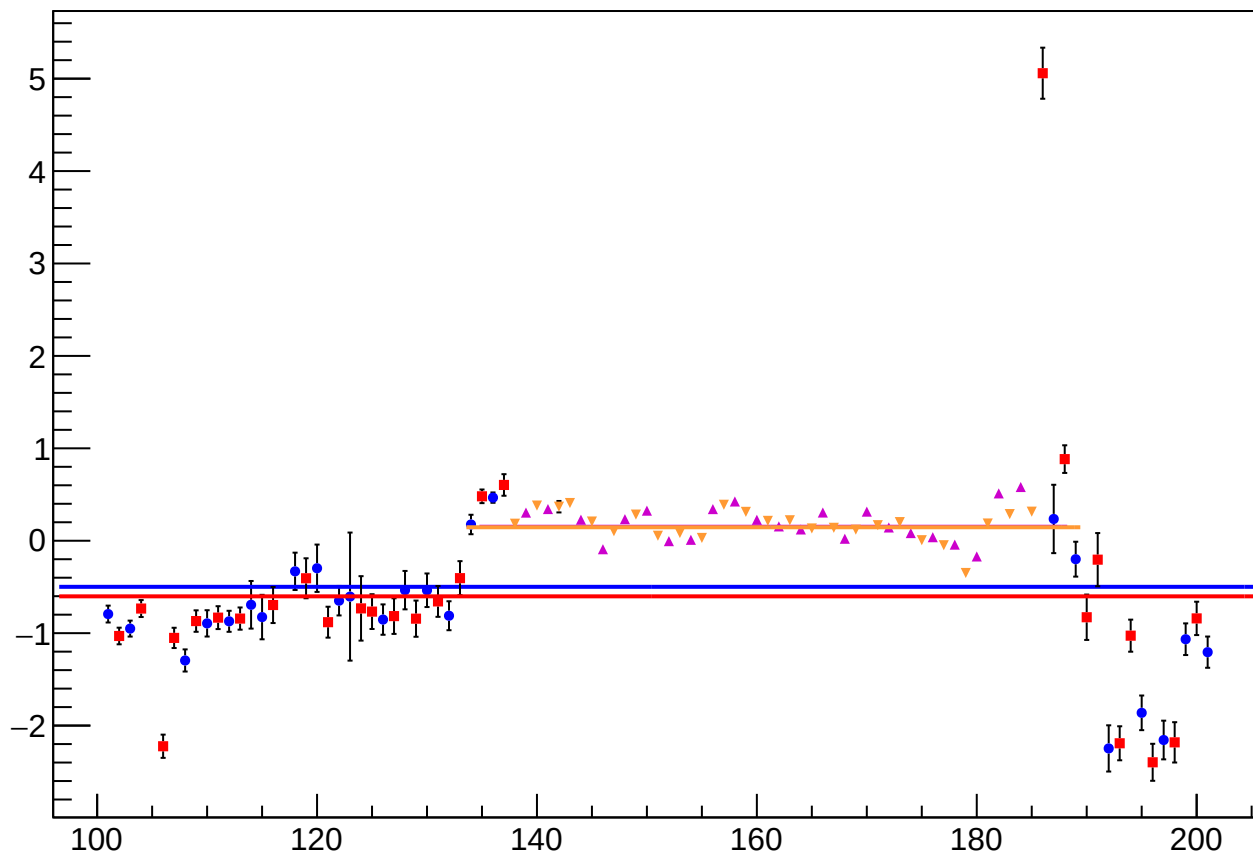
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF: 2176.7/22

+ sign 21.089 $\pm$ 0.135 χ^2 /NDF: 3300.8/48

All: 21.124 $\pm$ 0.095 χ^2 /NDF: 5924.8/98

- sign 21.158 $\pm$ 0.135 χ^2 /NDF: 2623.9/49

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.028 χ^2/NDF : 653.0/23

Left Out: 0.146 ± 0.006 χ^2/NDF : 609.8/24

Right Out: -0.602 ± 0.028 χ^2/NDF : 1287.8/26

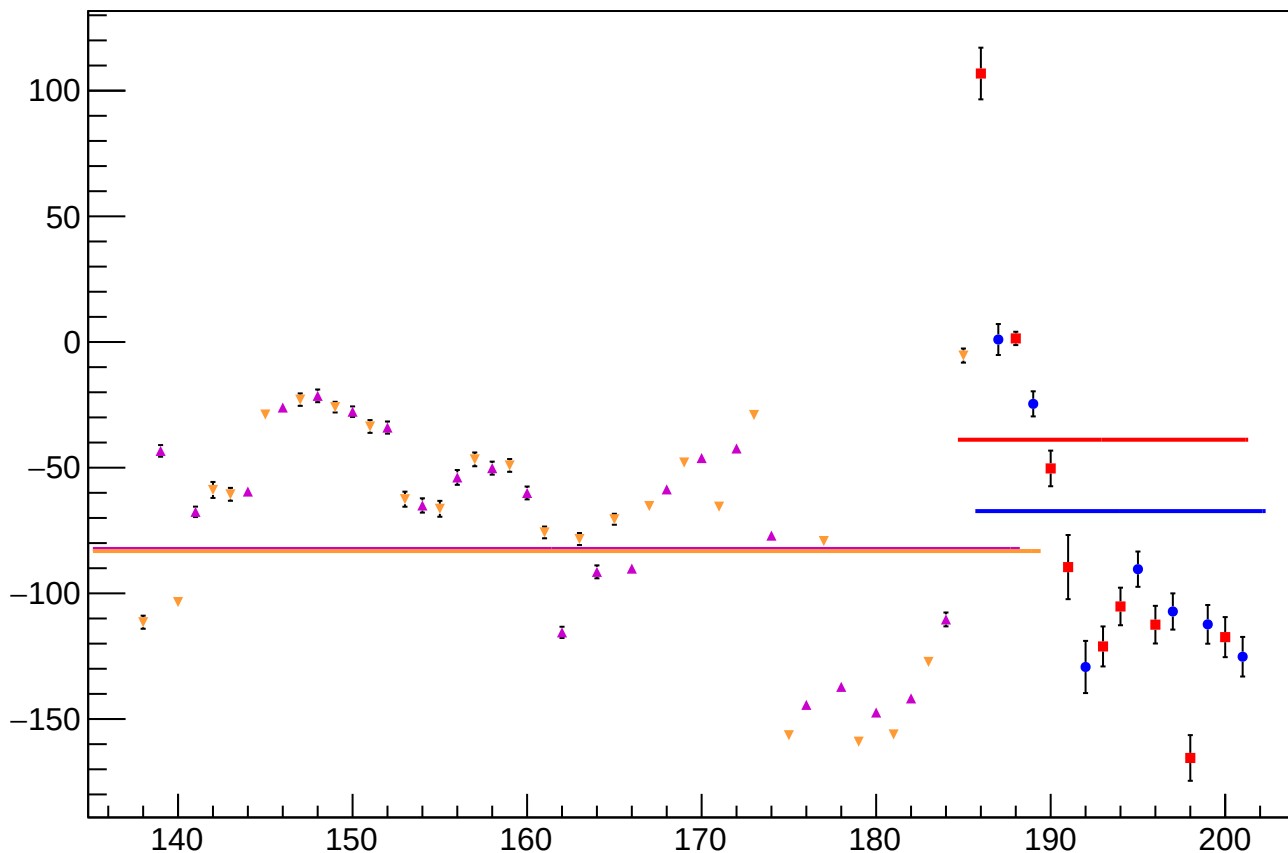
Left In: 0.151 ± 0.006 χ^2/NDF : 873.9/22

+ sign 0.114 ± 0.006 χ^2/NDF : 1767.7/48

All: 0.114 ± 0.004 χ^2/NDF : 4639.4/98

- sign 0.113 ± 0.006 χ^2/NDF : 2871.7/49

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -67.275 ± 2.598 χ^2/NDF : 361.1/6

Left Out: -83.163 ± 0.407 χ^2/NDF : 13794.3/24

Right Out: -38.873 ± 1.973 χ^2/NDF : 1023.1/8

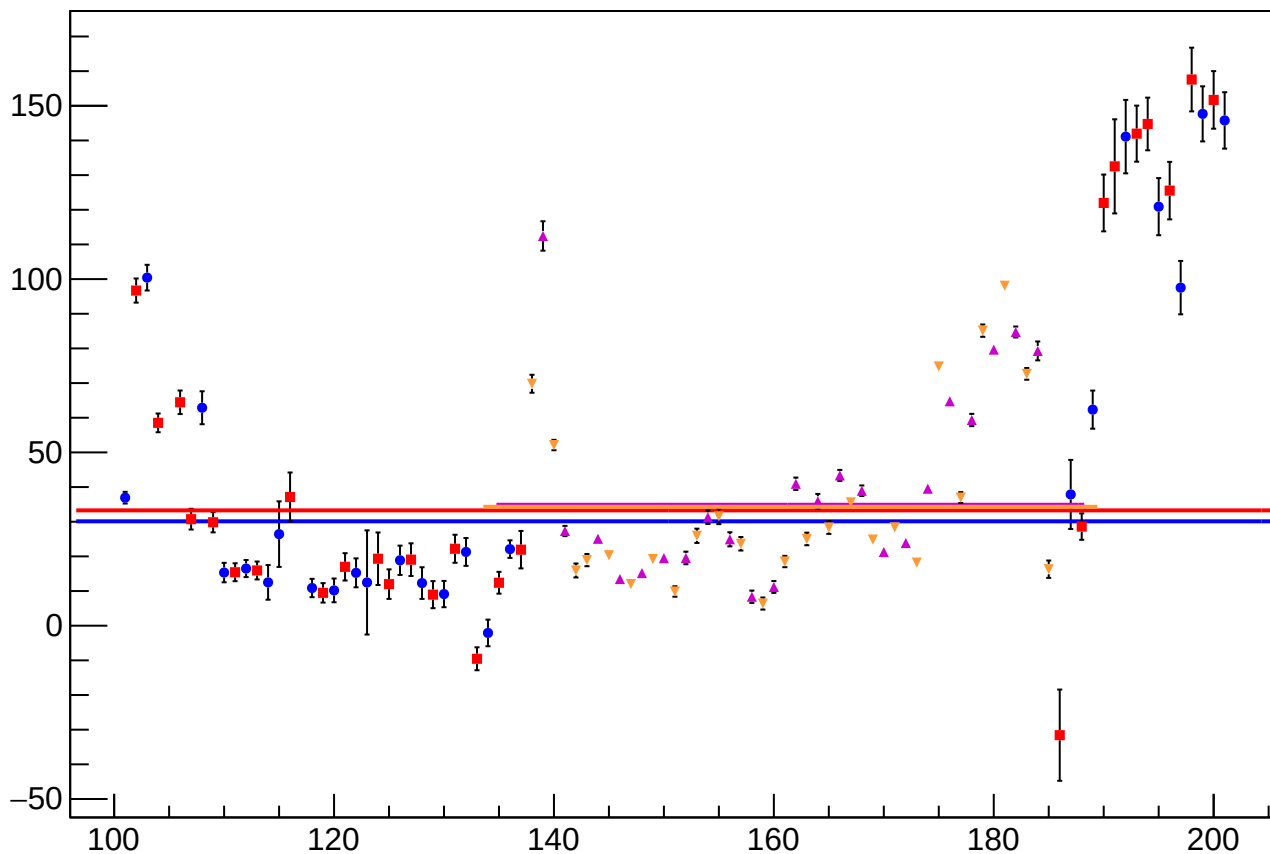
Left In: -82.342 ± 0.413 χ^2/NDF : 10954.9/22

+ sign -82.782 ± 0.402 χ^2/NDF : 14192.0/31

All: -81.655 ± 0.285 χ^2/NDF : 26650.9/63

- sign -80.517 ± 0.404 χ^2/NDF : 12443.2/31

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 30.115 $\pm$ 0.773 χ^2 /NDF: 1497.7/23

Left Out: 34.306 $\pm$ 0.321 χ^2 /NDF: 6163.7/24

Right Out: 33.274 $\pm$ 0.771 χ^2 /NDF: 2088.4/26

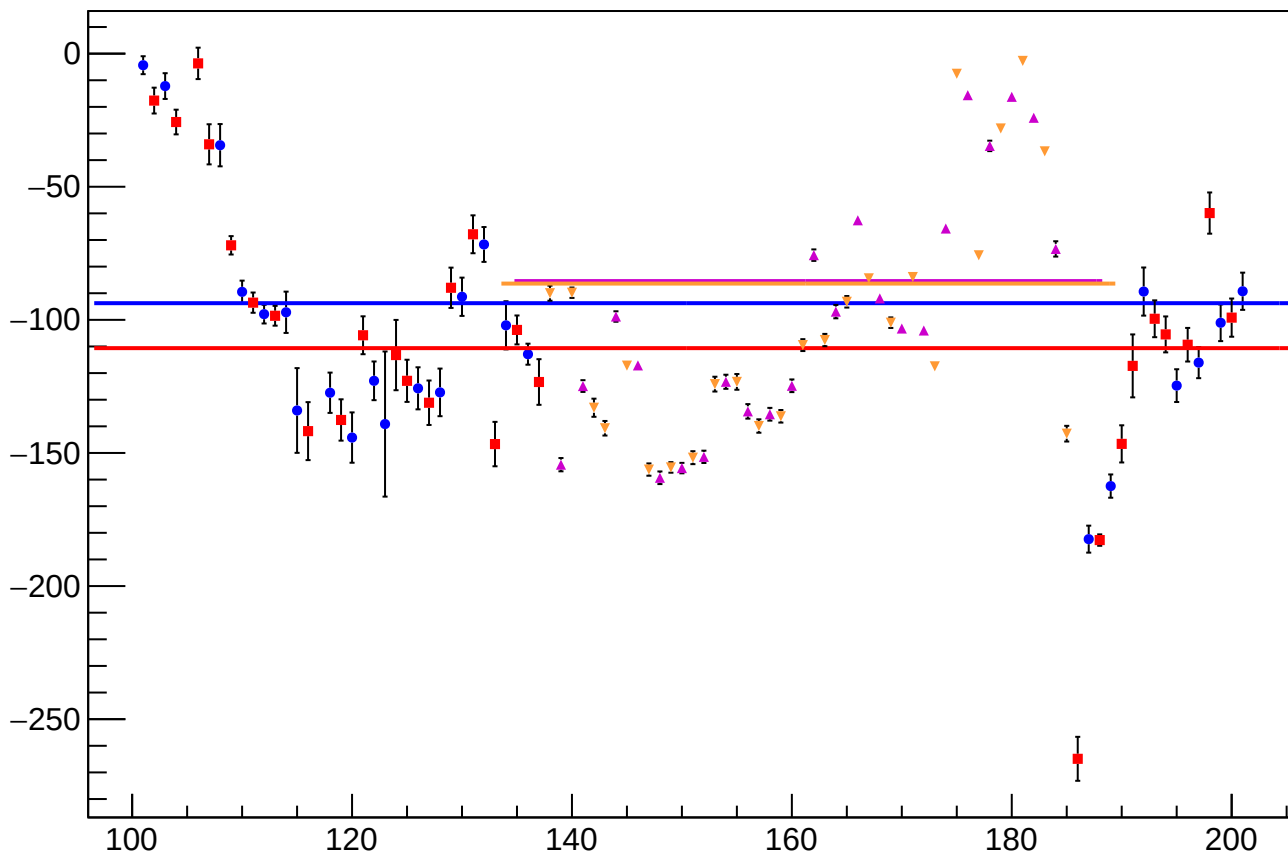
Left In: 34.893 $\pm$ 0.328 χ^2 /NDF: 4754.6/22

+ sign 33.689 $\pm$ 0.296 χ^2 /NDF: 7686.5/48

All: 34.158 $\pm$ 0.212 χ^2 /NDF: 14538.3/98

- sign 34.644 $\pm$ 0.302 χ^2 /NDF: 6846.7/49

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -93.738 ± 1.193 χ^2/NDF : 1781.8/23

Left Out: -86.377 ± 0.409 χ^2/NDF : 14435.1/24

Right Out: -110.627 ± 1.051 χ^2/NDF : 2943.0/26

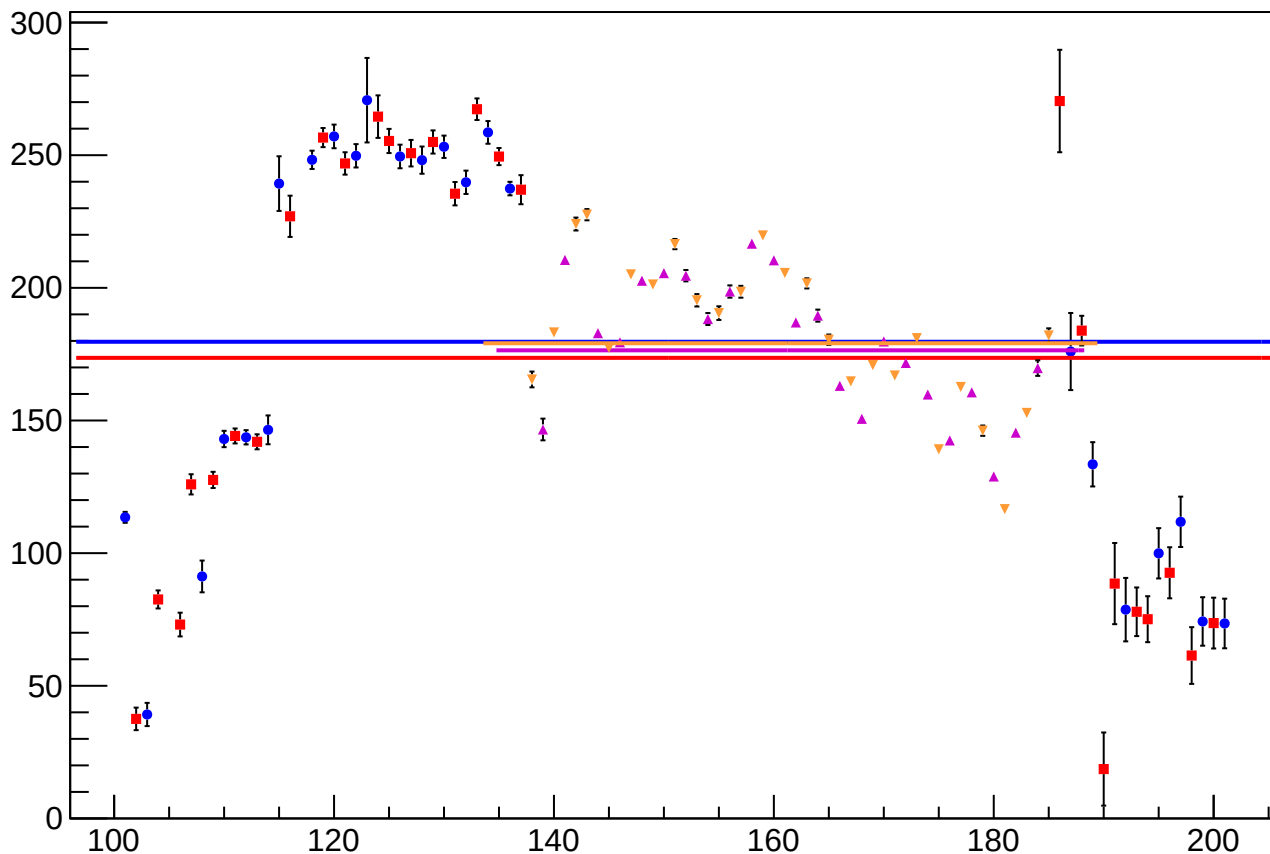
Left In: -85.441 ± 0.413 χ^2/NDF : 12998.9/22

+ sign -87.151 ± 0.387 χ^2/NDF : 16250.9/48

All: -87.985 ± 0.273 χ^2/NDF : 32699.0/98

- sign -88.809 ± 0.385 χ^2/NDF : 16438.8/49

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 179.676 $\pm$ 0.887 χ^2 /NDF: 5912.3/23

Left Out: 179.109 $\pm$ 0.363 χ^2 /NDF: 5877.5/24

Right Out: 173.610 $\pm$ 0.889 χ^2 /NDF: 6909.3/26

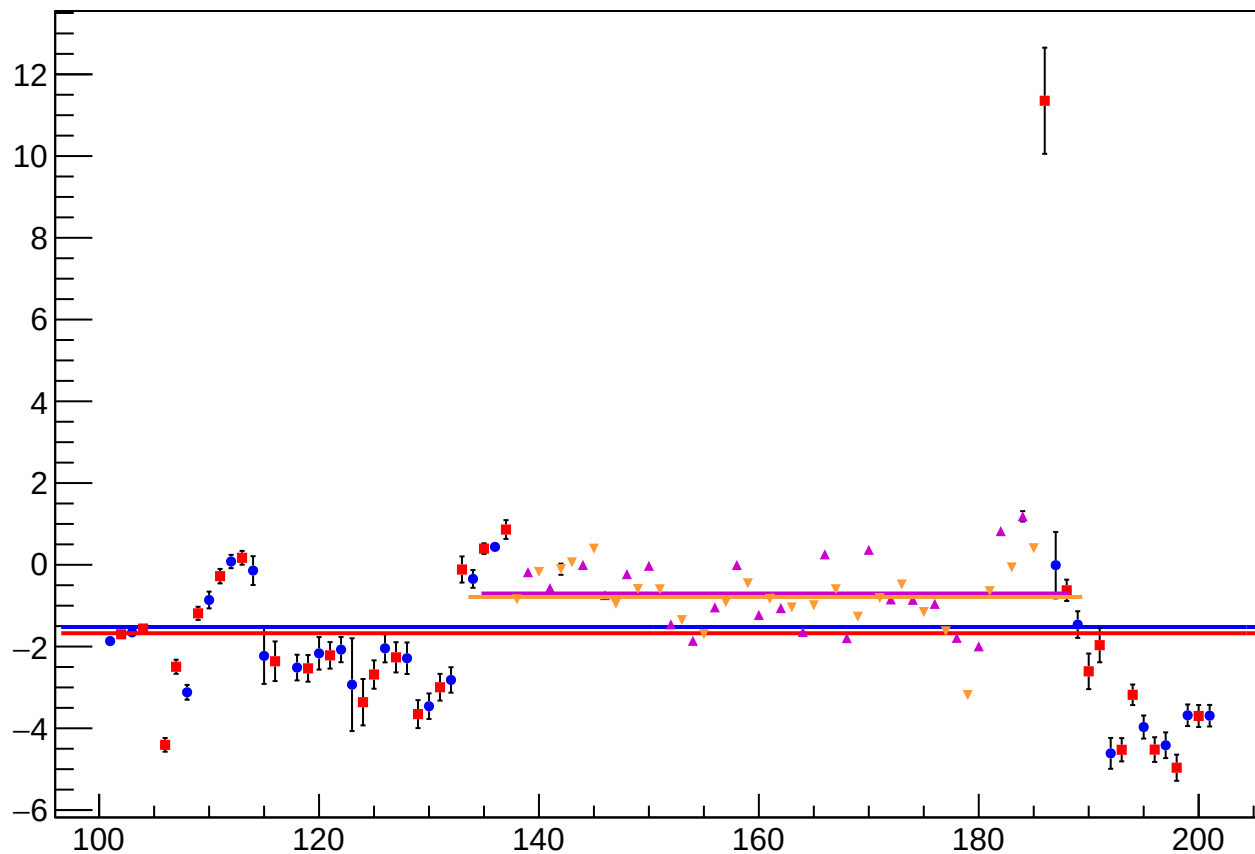
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ sign 179.190 $\pm$ 0.336 χ^2 /NDF: 11790.1/48

All: 177.636 $\pm$ 0.239 χ^2 /NDF: 23193.8/98

- sign 176.030 $\pm$ 0.341 χ^2 /NDF: 11360.1/49

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.522 ± 0.045 $\chi^2/\text{NDF}: 1033.6/23$

Left Out: -0.787 ± 0.017 $\chi^2/\text{NDF}: 1760.7/24$

Right Out: -1.674 ± 0.042 $\chi^2/\text{NDF}: 1470.5/26$

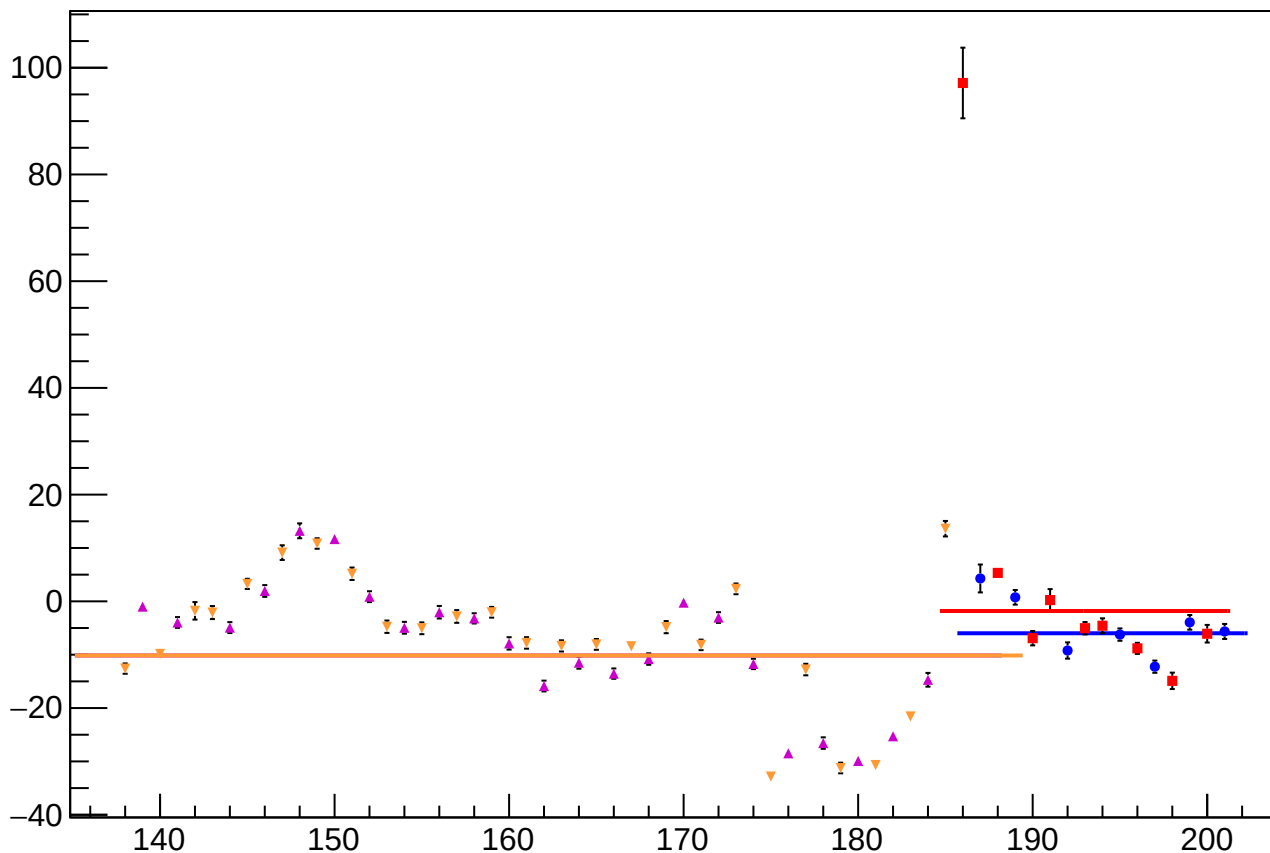
Left In: -0.702 ± 0.017 $\chi^2/\text{NDF}: 2421.3/22$

+ sign -0.876 ± 0.016 $\chi^2/\text{NDF}: 3032.6/48$

All: -0.856 ± 0.011 $\chi^2/\text{NDF}: 7384.8/98$

- sign -0.835 ± 0.016 $\chi^2/\text{NDF}: 4348.7/49$

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -5.985 ± 0.524 χ^2/NDF : 76.1/6

Left Out: -10.147 ± 0.202 χ^2/NDF : 4128.5/24

Right Out: -1.809 ± 0.401 χ^2/NDF : 499.2/8

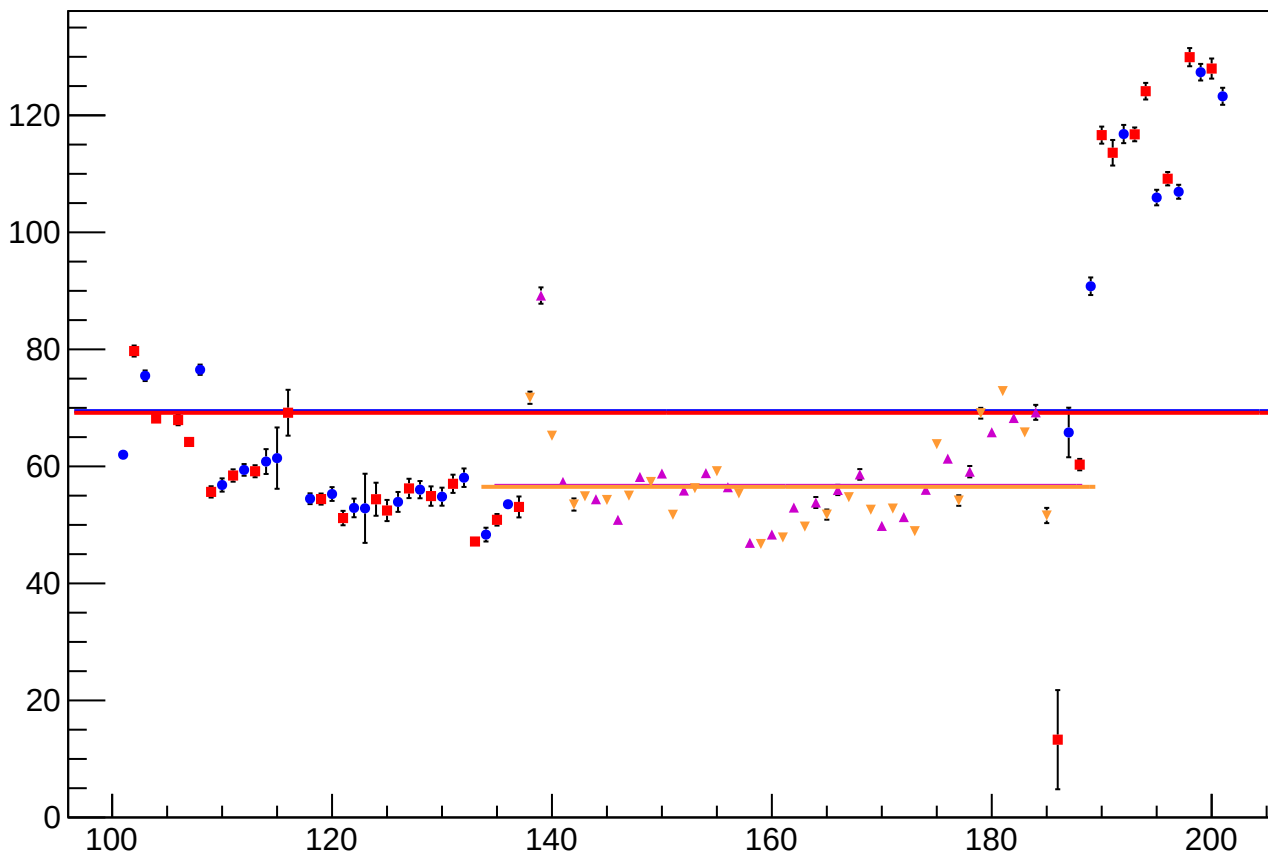
Left In: -10.149 ± 0.204 χ^2/NDF : 3491.7/22

+ sign -9.609 ± 0.188 χ^2/NDF : 4259.6/31

All: -9.002 ± 0.131 χ^2/NDF : 8614.3/63

- sign -8.436 ± 0.182 χ^2/NDF : 4334.6/31

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 69.442 $\pm$ 0.237 χ^2 /NDF: 7989.9/23

Left Out: 56.508 $\pm$ 0.159 χ^2 /NDF:1962.3/24

Right Out: 69.160 $\pm$ 0.220 χ^2 /NDF: 11487.3/26

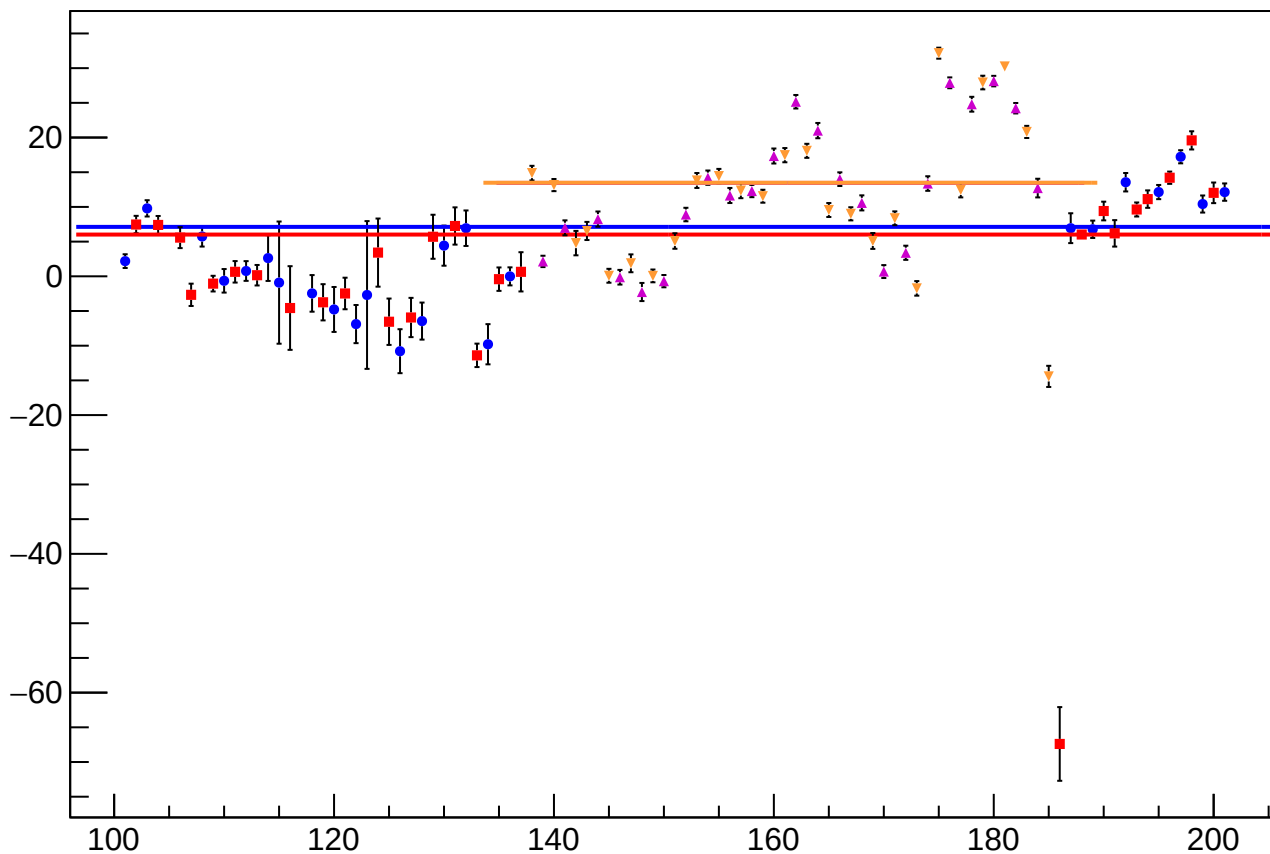
Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

+ sign 60.526 $\pm$ 0.132 χ^2 /NDF: 12000.9/48

All: 60.837 $\pm$ 0.093 χ^2 /NDF: 27238.5/98

- sign 61.146 $\pm$ 0.132 χ^2 /NDF: 15226.5/49

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 7.124 ± 0.323 χ^2/NDF : 436.2/23

Left Out: 13.485 ± 0.202 χ^2/NDF : 2731.0/24

Right Out: 6.016 ± 0.268 χ^2/NDF : 723.0/26

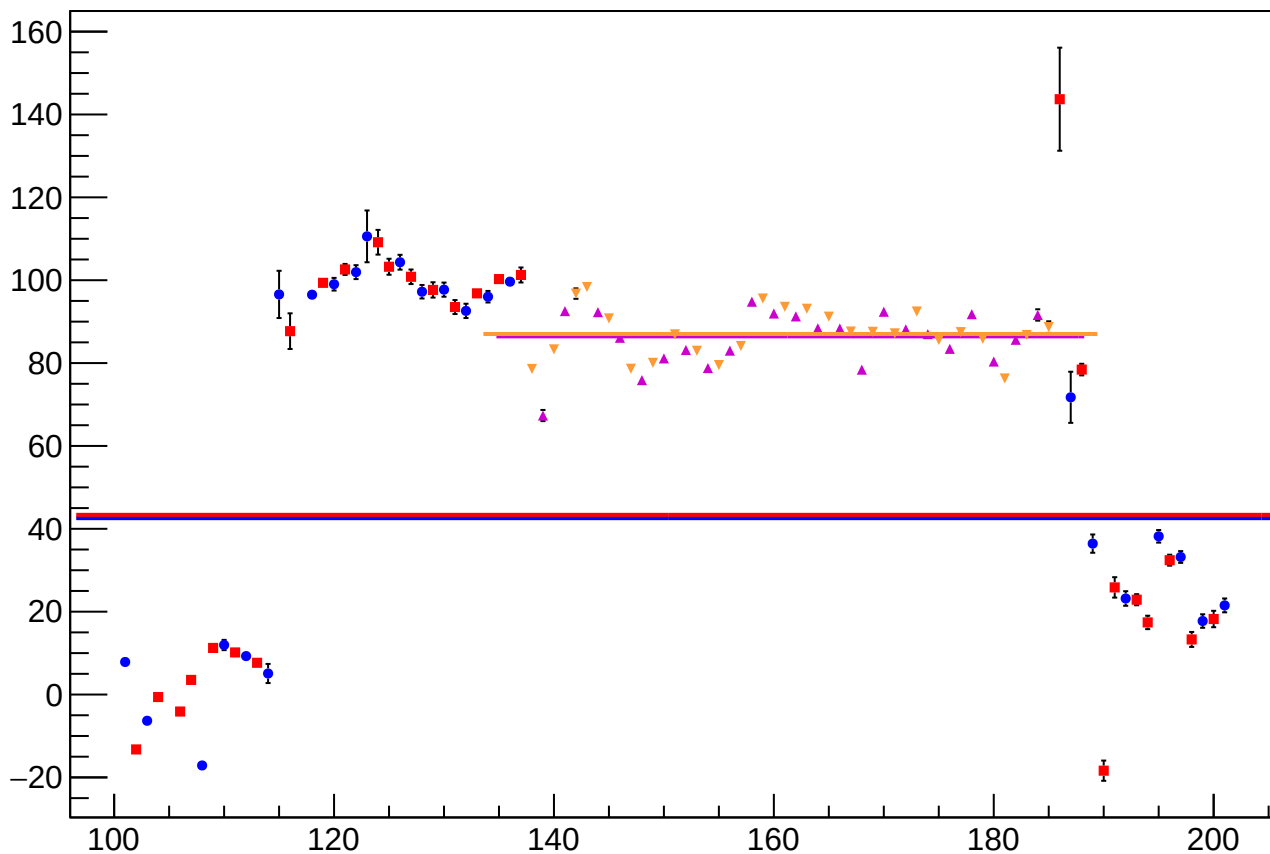
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ sign 11.701 ± 0.171 χ^2/NDF : 3445.7/48

All: 11.196 ± 0.118 χ^2/NDF : 7046.1/98

- sign 10.745 ± 0.162 χ^2/NDF : 3584.0/49

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 42.569 ± 0.276 χ^2/NDF : 25748.8/23

Left Out: 87.023 ± 0.179 χ^2/NDF : 1057.2/24

Right Out: 43.373 ± 0.261 χ^2/NDF : 30356.0/26

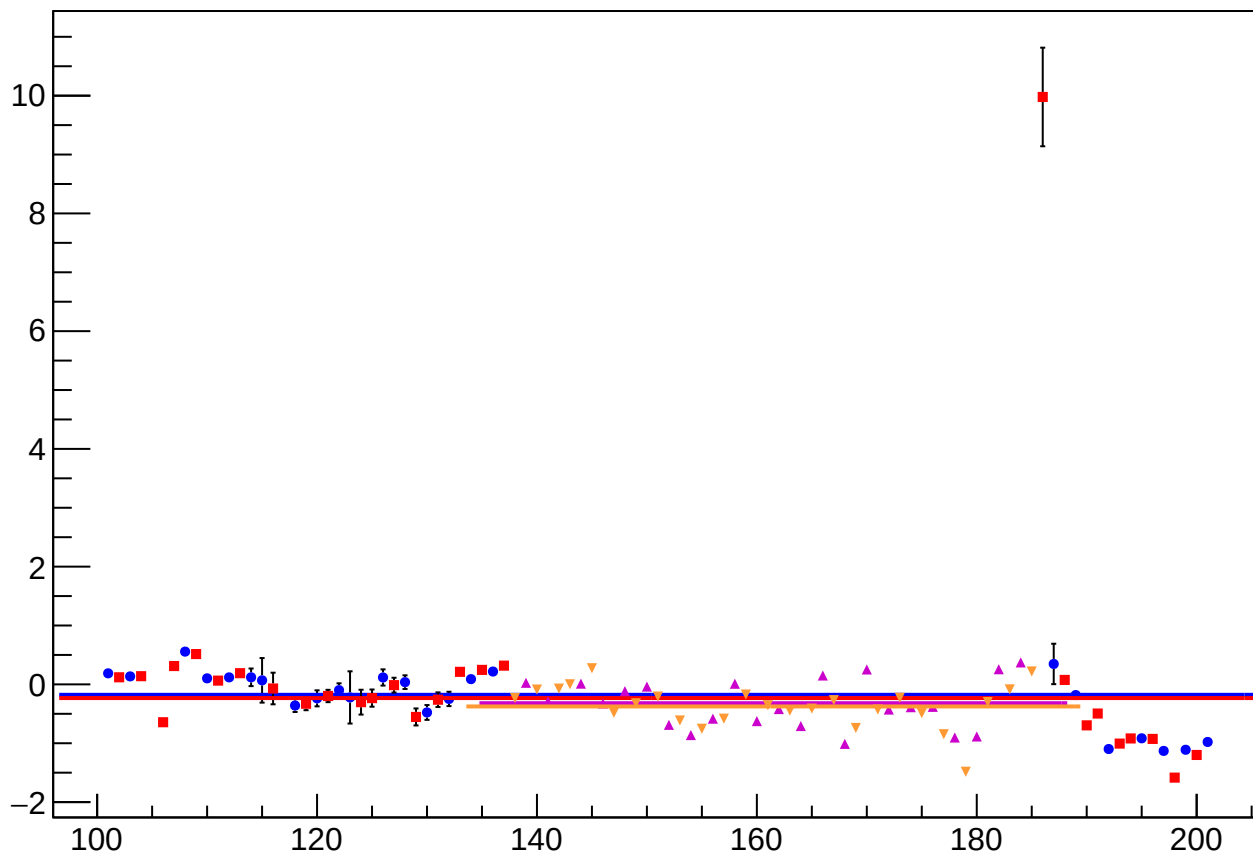
Left In: 86.443 ± 0.184 χ^2/NDF : 1038.6/22

+ sign 73.836 ± 0.151 χ^2/NDF : 45003.5/48

All: 72.972 ± 0.106 χ^2/NDF : 94698.0/98

- sign 72.111 ± 0.150 χ^2/NDF : 49628.6/49

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.012 χ^2/NDF : 2629.6/23

Left Out: -0.375 ± 0.008 χ^2/NDF : 1657.5/24

Right Out: -0.233 ± 0.011 χ^2/NDF : 3167.9/26

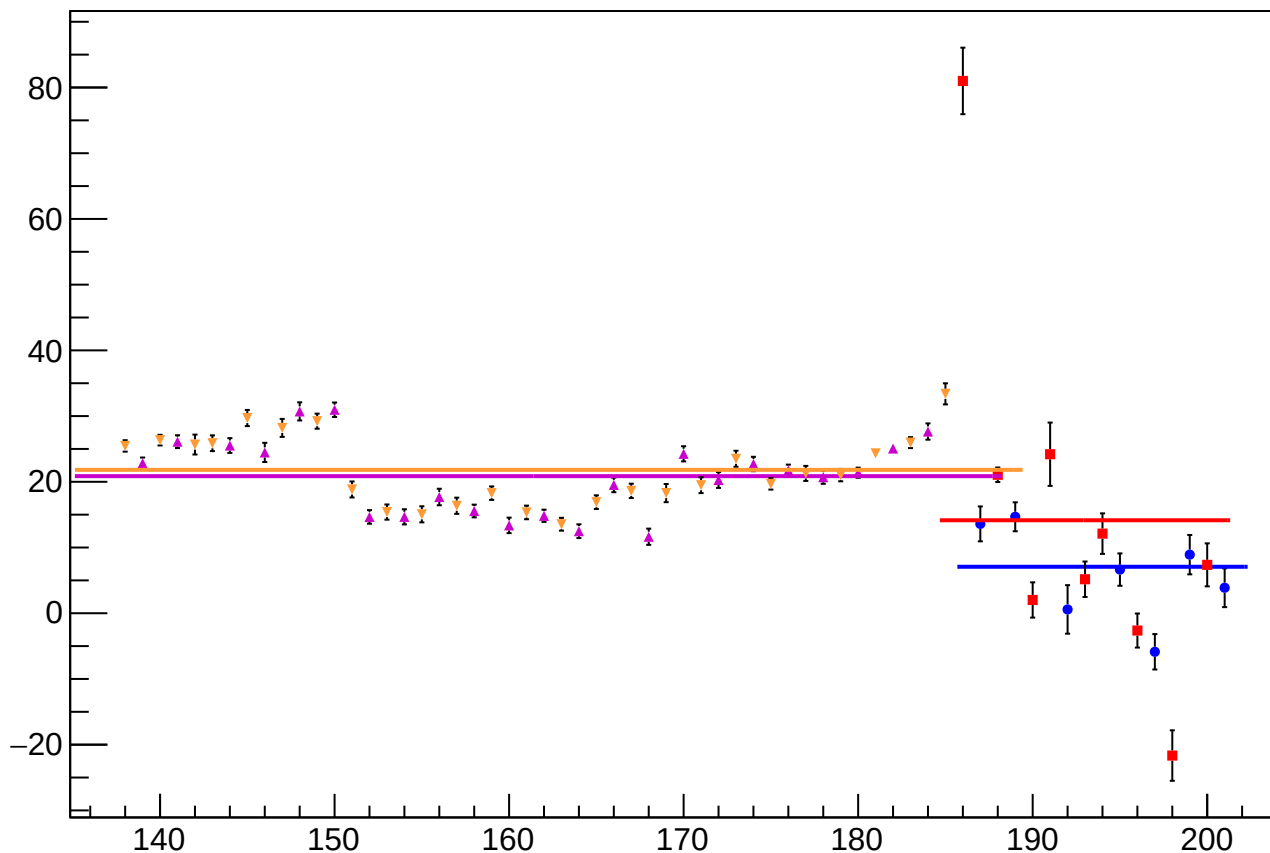
Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

+ sign -0.309 ± 0.007 χ^2/NDF : 4482.5/48

All: -0.298 ± 0.005 χ^2/NDF : 10022.9/98

- sign -0.288 ± 0.006 χ^2/NDF : 5535.1/49

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 7.072 ± 1.026 $\chi^2/\text{NDF}: 45.7/6$

Left Out: 21.818 ± 0.210 $\chi^2/\text{NDF}: 522.7/24$

Right Out: 14.148 ± 0.793 $\chi^2/\text{NDF}: 382.9/8$

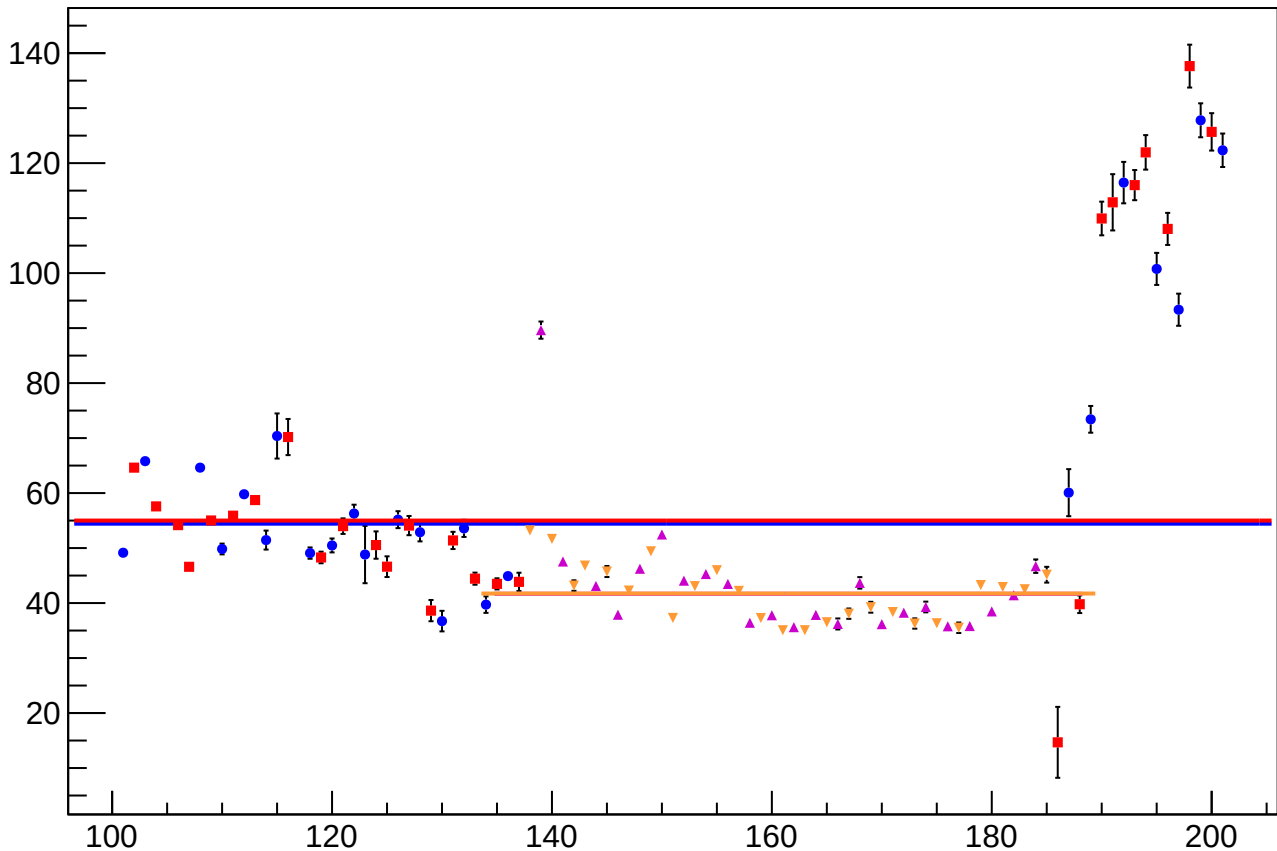
Left In: 20.860 ± 0.216 $\chi^2/\text{NDF}: 575.5/22$

+ sign 21.223 ± 0.206 $\chi^2/\text{NDF}: 766.8/31$

All: 20.815 ± 0.146 $\chi^2/\text{NDF}: 1799.9/63$

- sign 20.399 ± 0.208 $\chi^2/\text{NDF}: 1025.2/31$

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 54.435 $\pm$ 0.207 χ^2 /NDF: 3070.7/23

Left Out: 41.732 $\pm$ 0.166 χ^2 /NDF:1014.0/24

Right Out: 55.001 $\pm$ 0.222 χ^2 /NDF: 3656.5/26

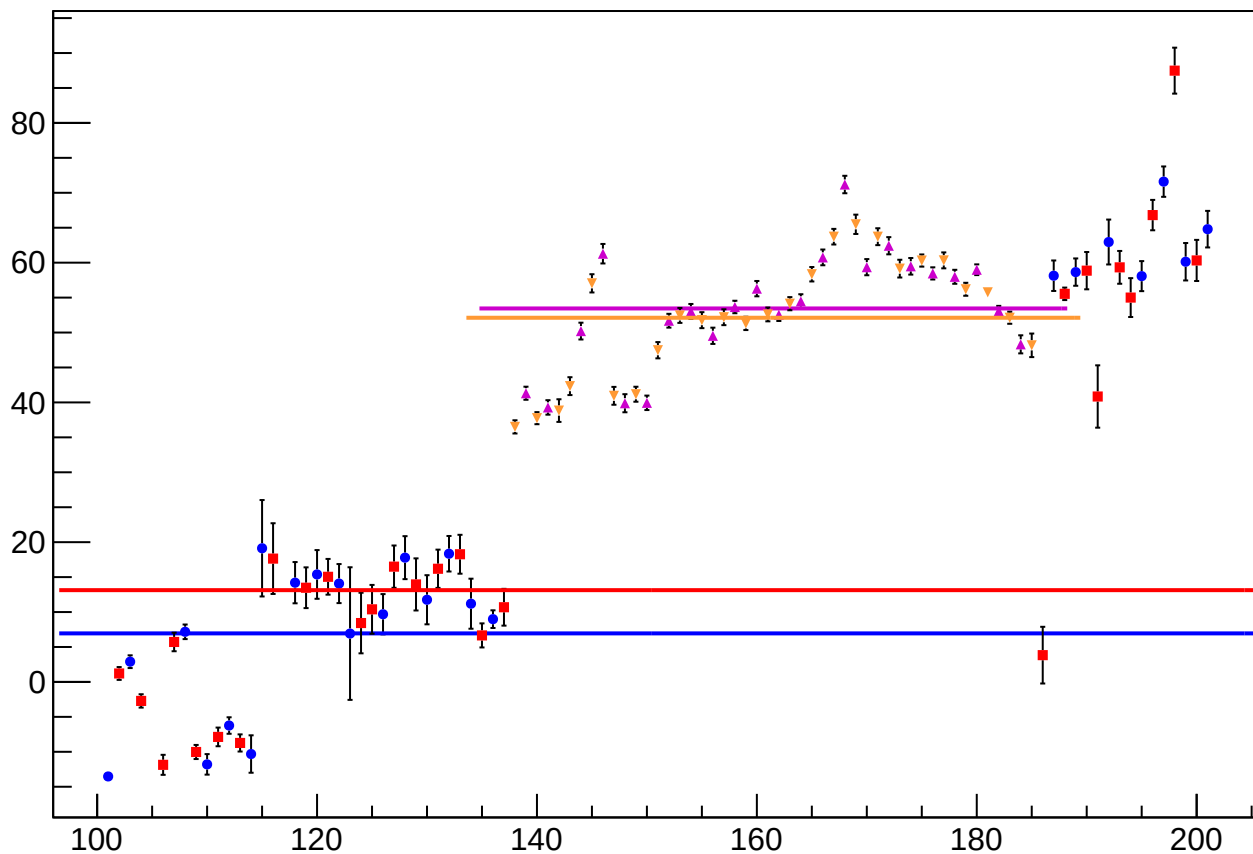
Left In: 41.682 $\pm$ 0.173 χ^2 /NDF:1715.9/22

+ sign 46.705 $\pm$ 0.129 χ^2 /NDF: 6380.6/48

All: 46.723 $\pm$ 0.094 χ^2 /NDF: 13994.2/98

- sign 46.743 $\pm$ 0.137 χ^2 /NDF: 7613.5/49

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 6.947 ± 0.336 χ^2/NDF : 5382.5/23

Left Out: 52.116 ± 0.210 χ^2/NDF : 1445.4/24

Right Out: 13.133 ± 0.331 χ^2/NDF : 6479.8/26

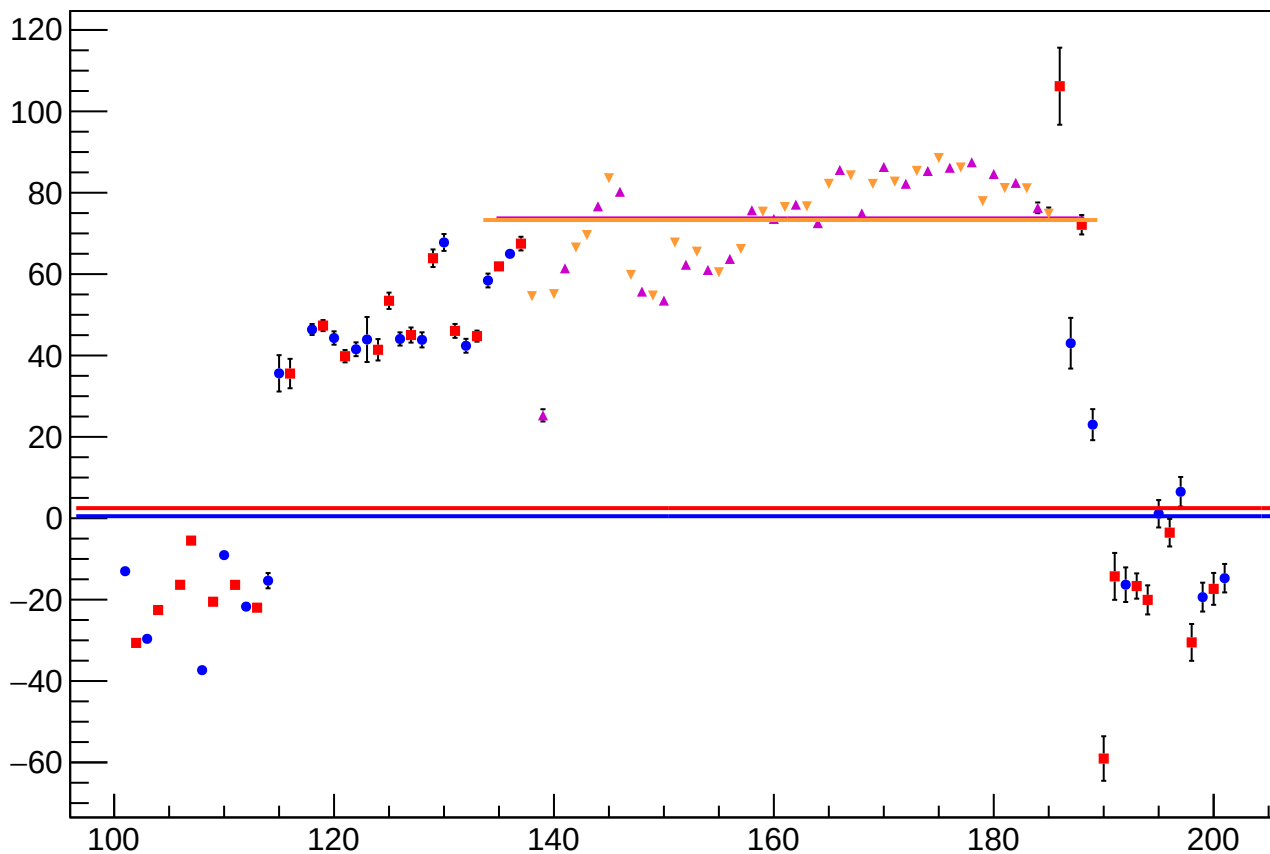
Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

+ sign 39.411 ± 0.178 χ^2/NDF : 19786.6/48

All: 40.452 ± 0.127 χ^2/NDF : 37968.2/98

- sign 41.512 ± 0.180 χ^2/NDF : 18112.9/49

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.505 $\pm$ 0.243 χ^2 /NDF: 18573.9/23

Left Out: 73.294 $\pm$ 0.187 χ^2 /NDF:3148.2/24

Right Out: 2.488 $\pm$ 0.262 χ^2 /NDF: 16650.1/26

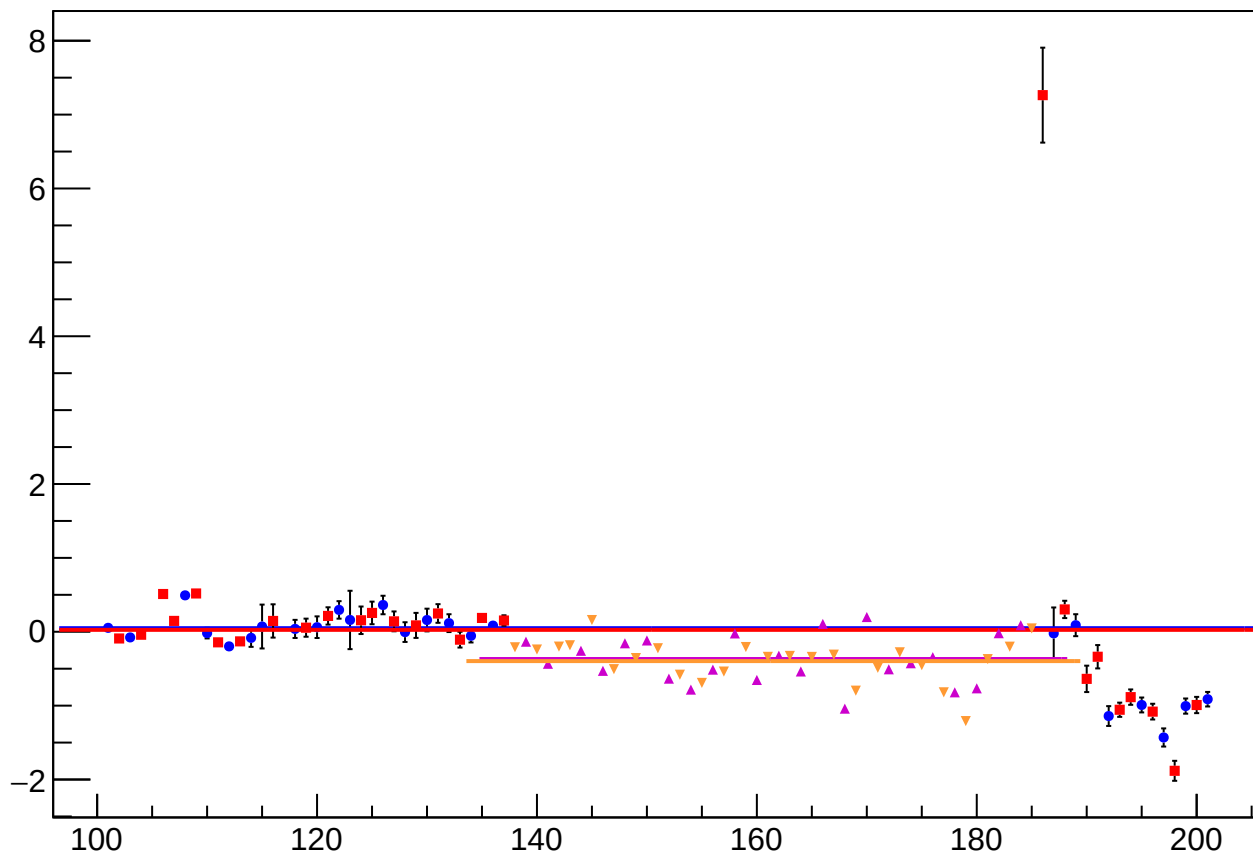
Left In: 73.699 $\pm$ 0.194 χ^2 /NDF:3901.1/22

+ sign 46.189 $\pm$ 0.148 χ^2 /NDF: 77935.8/48

All: 47.274 $\pm$ 0.107 χ^2 /NDF: 146406.3/98

- sign 48.469 $\pm$ 0.156 χ^2 /NDF: 68358.1/49

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.048 ± 0.011 χ^2/NDF : 957.5/23

Left Out: -0.397 ± 0.009 χ^2/NDF : 943.5/24

Right Out: 0.026 ± 0.011 χ^2/NDF : 1164.1/26

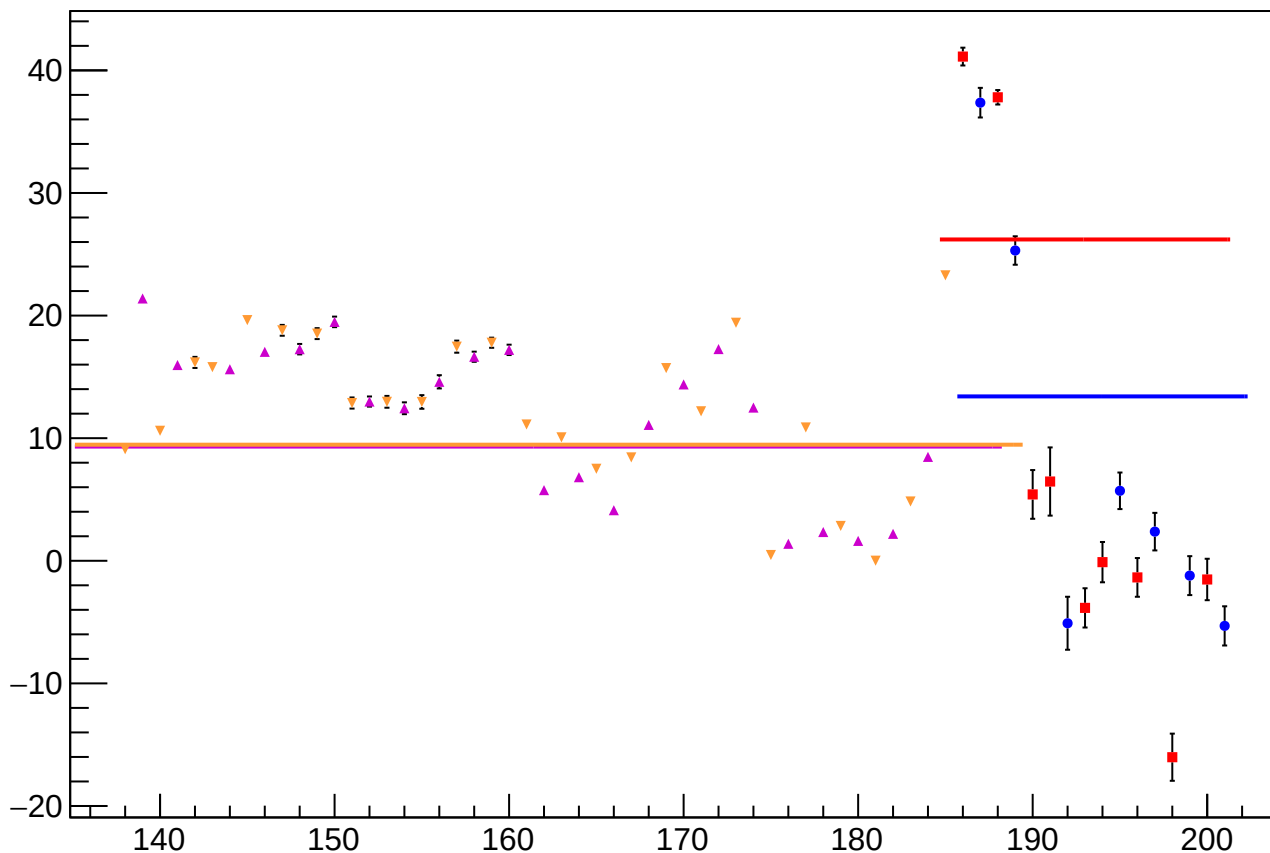
Left In: -0.369 ± 0.009 χ^2/NDF : 1322.7/22

+ sign -0.224 ± 0.007 χ^2/NDF : 2954.0/48

All: -0.218 ± 0.005 χ^2/NDF : 6264.1/98

- sign -0.213 ± 0.007 χ^2/NDF : 3308.8/49

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 13.408 ± 0.550 χ^2/NDF : 872.1/6

Left Out: 9.470 ± 0.061 χ^2/NDF : 12578.0/24

Right Out: 26.209 ± 0.380 χ^2/NDF : 2630.9/8

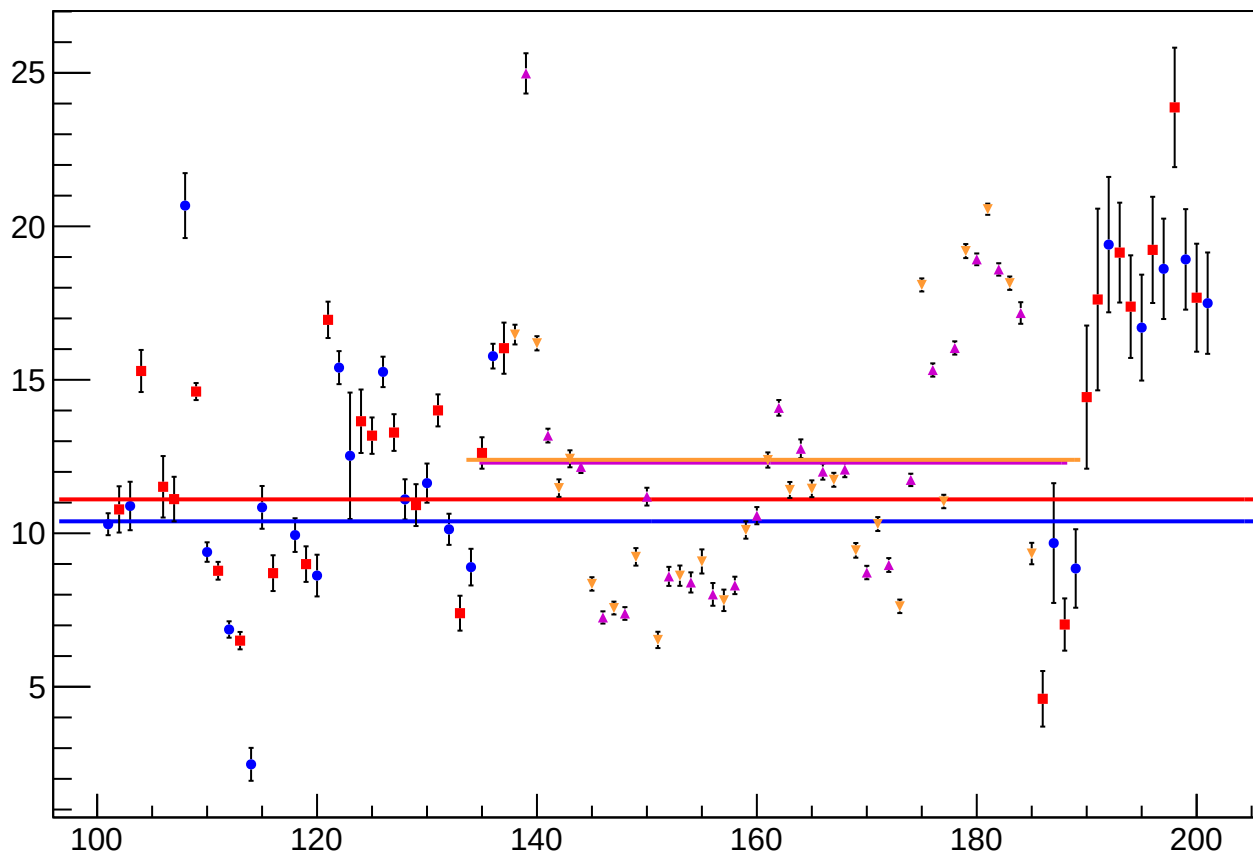
Left In: 9.315 ± 0.063 χ^2/NDF : 11007.3/22

+ sign 9.518 ± 0.061 χ^2/NDF : 13500.8/31

All: 9.639 ± 0.043 χ^2/NDF : 29069.8/63

- sign 9.763 ± 0.062 χ^2/NDF : 15561.0/31

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.390 ± 0.117 $\chi^2/\text{NDF}: 982.2/23$

Left Out: 12.393 ± 0.050 $\chi^2/\text{NDF}: 7525.9/24$

Right Out: 11.105 ± 0.113 $\chi^2/\text{NDF}: 1002.0/26$

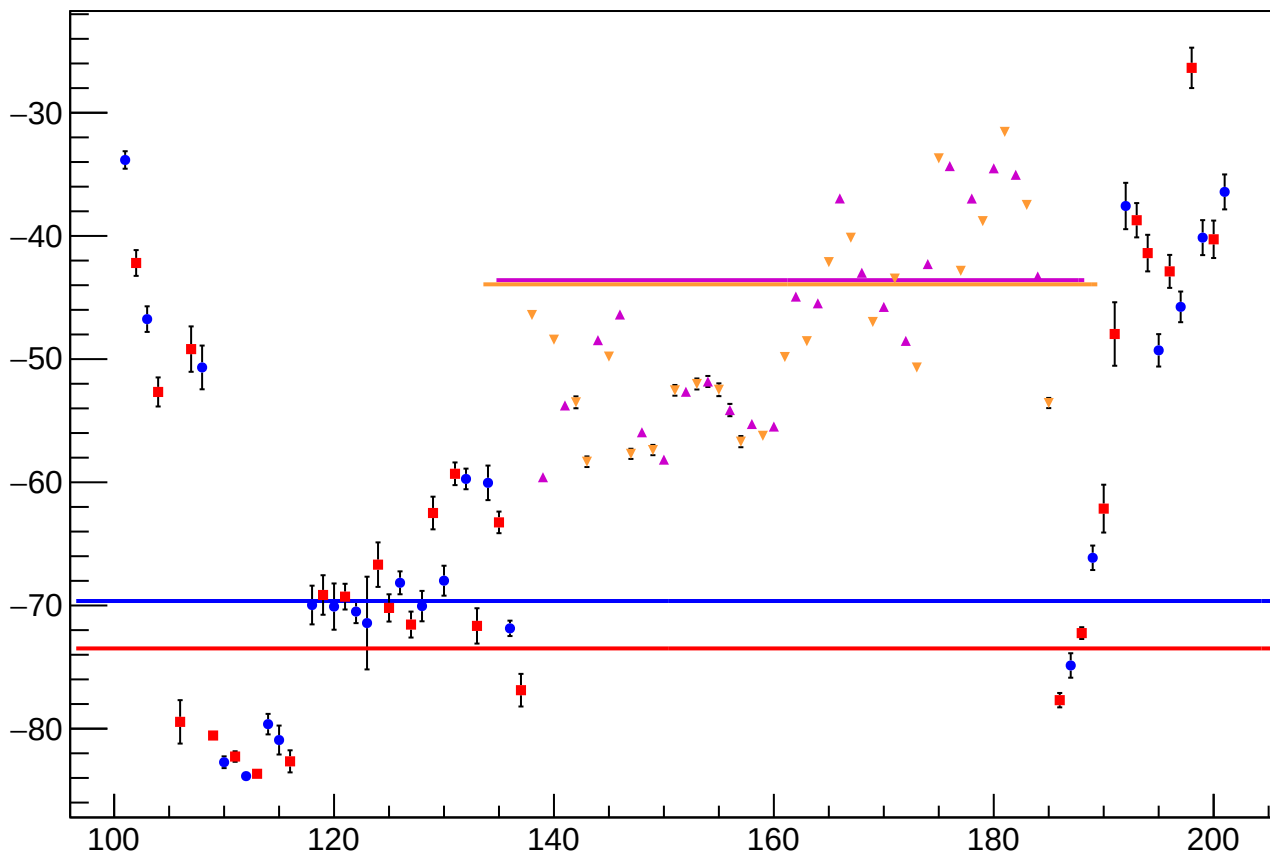
Left In: 12.302 ± 0.051 $\chi^2/\text{NDF}: 5661.3/22$

+ sign 12.085 ± 0.046 $\chi^2/\text{NDF}: 8756.9/48$

All: 12.092 ± 0.033 $\chi^2/\text{NDF}: 15513.3/98$

- sign 12.099 ± 0.047 $\chi^2/\text{NDF}: 6756.4/49$

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -69.636 ± 0.182 $\chi^2/\text{NDF}: 7653.2/23$

Left Out: -43.930 ± 0.062 $\chi^2/\text{NDF}: 17576.0/24$

Right Out: -73.486 ± 0.157 $\chi^2/\text{NDF}: 6548.8/26$

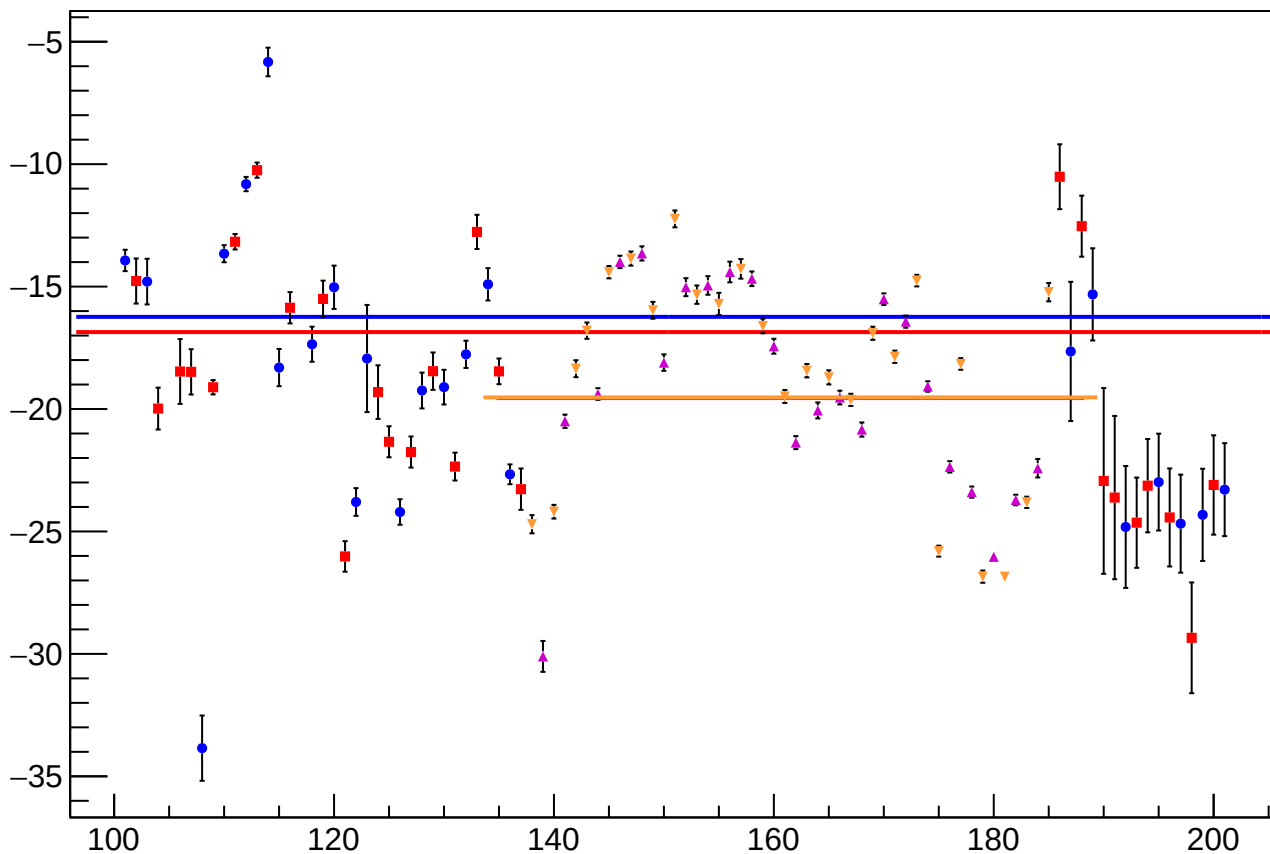
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.599 ± 0.059 $\chi^2/\text{NDF}: 43063.2/48$

All: -47.171 ± 0.041 $\chi^2/\text{NDF}: 96553.9/98$

- sign -47.740 ± 0.059 $\chi^2/\text{NDF}: 53301.2/49$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.236 ± 0.130 χ^2/NDF : 1716.5/23

Left Out: -19.526 ± 0.056 χ^2/NDF : 6493.0/24

Right Out: -16.858 ± 0.126 χ^2/NDF : 1331.1/26

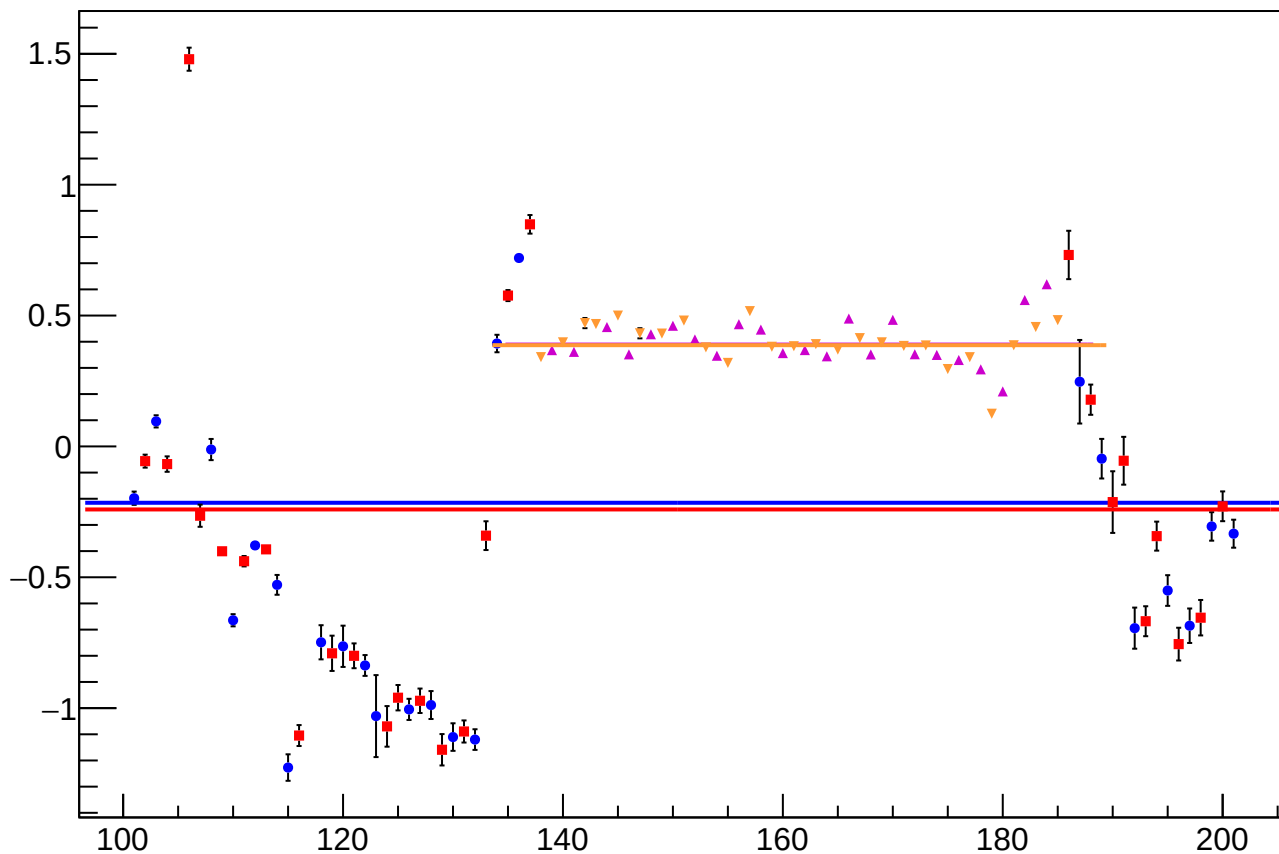
Left In: -19.552 ± 0.057 χ^2/NDF : 4359.1/22

+ sign -19.015 ± 0.051 χ^2/NDF : 8748.3/48

All: -19.052 ± 0.037 χ^2/NDF : 14820.9/98

- sign -19.090 ± 0.052 χ^2/NDF : 6071.5/49

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.215 ± 0.007 χ^2/NDF : 6486.0/23

Left Out: 0.387 ± 0.003 χ^2/NDF : 989.2/24

Right Out: -0.241 ± 0.007 χ^2/NDF : 6539.1/26

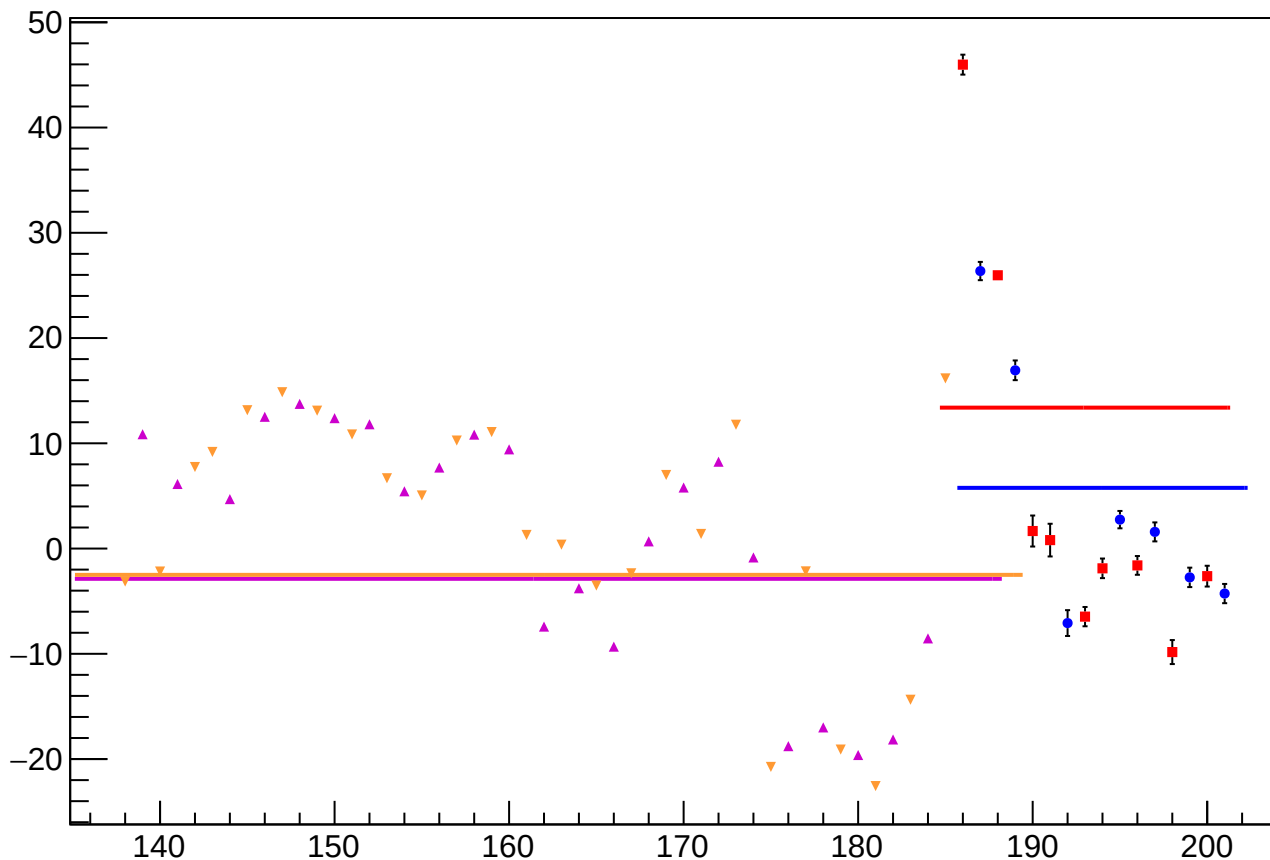
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.319 ± 0.002 χ^2/NDF : 13655.0/48

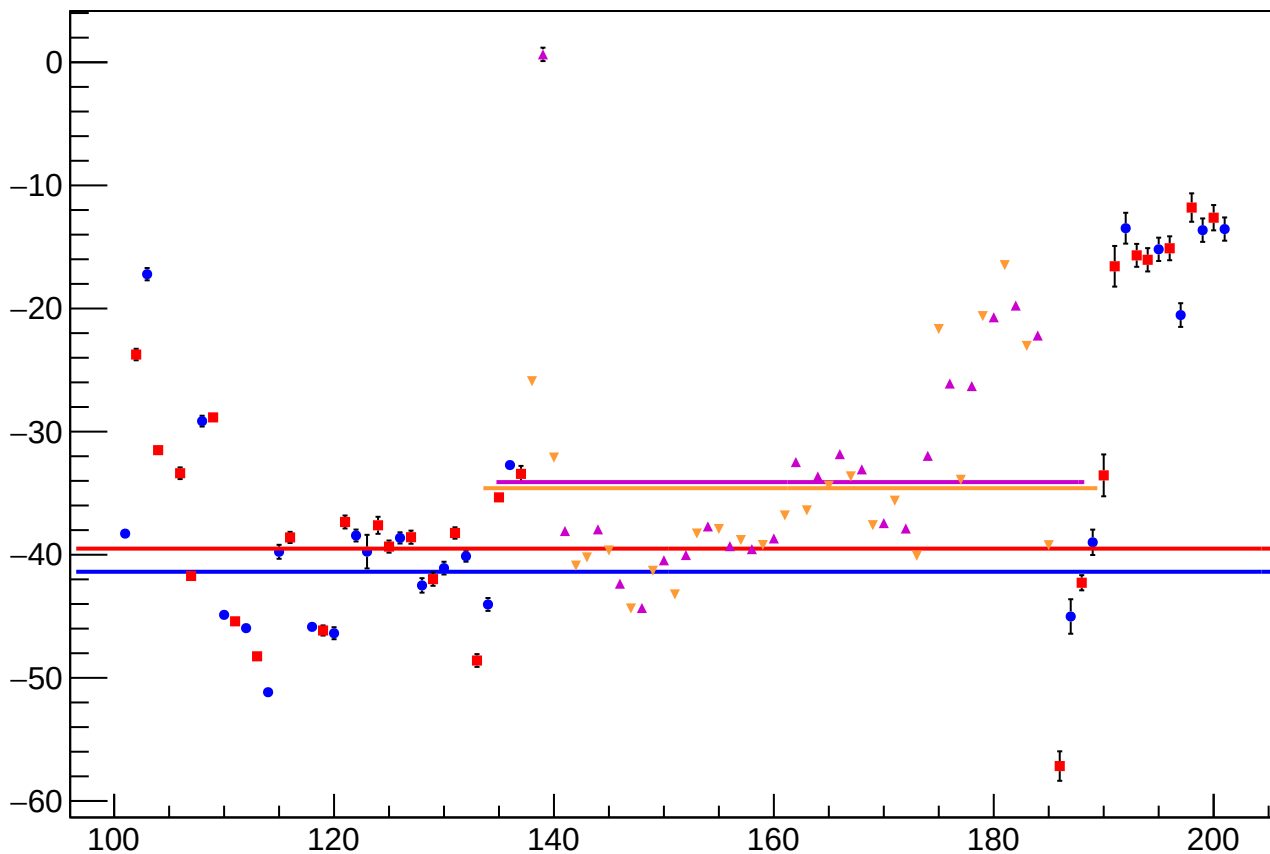
All: 0.314 ± 0.002 χ^2/NDF : 28866.7/98

- sign 0.309 ± 0.002 χ^2/NDF : 15202.8/49

reg_asym_sam8_diff_bpm1X_slope vs Slug



reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -41.383 ± 0.076 $\chi^2/\text{NDF}: 10137.1/23$

Left Out: -34.594 ± 0.042 $\chi^2/\text{NDF}: 34404.6/24$

Right Out: -39.503 ± 0.071 $\chi^2/\text{NDF}: 14558.9/26$

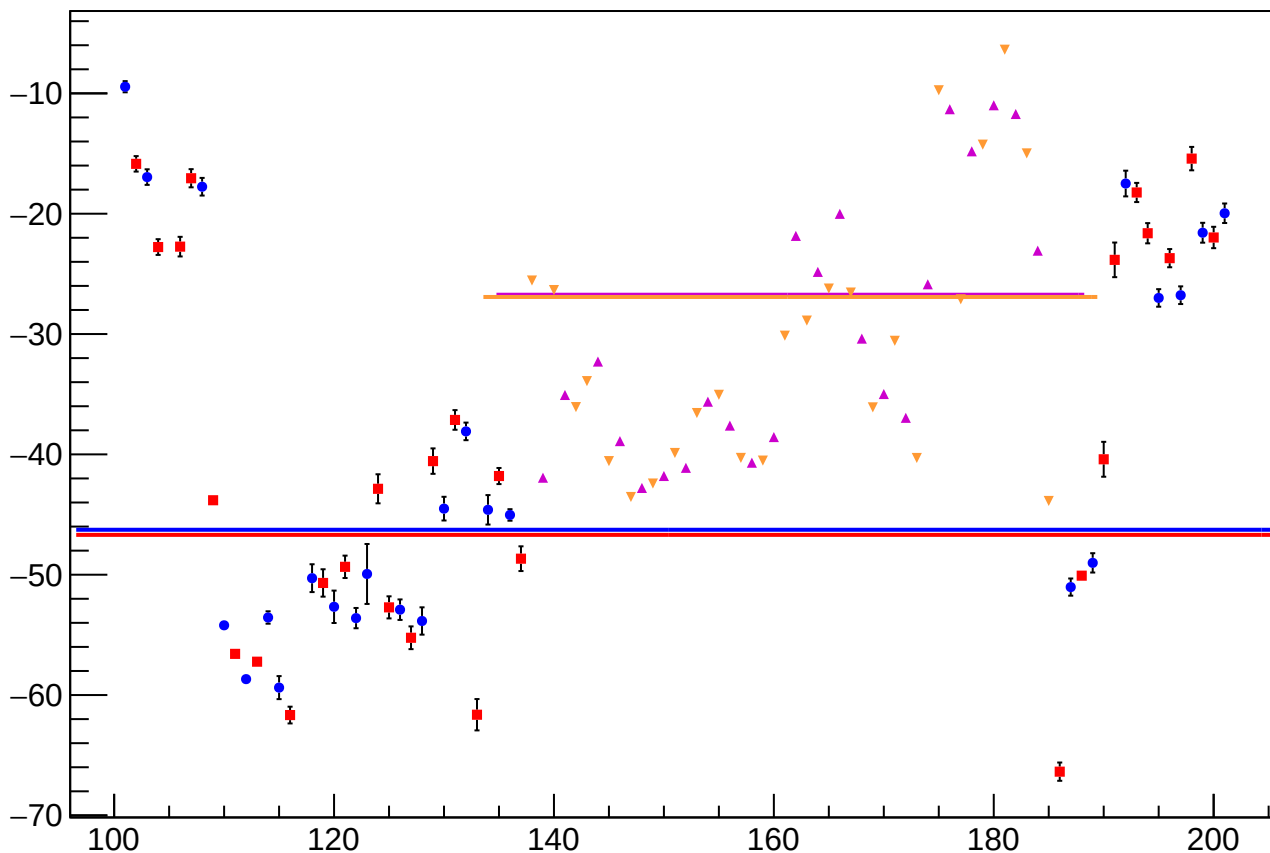
Left In: -34.099 ± 0.044 $\chi^2/\text{NDF}: 29370.6/22$

+ sign -36.171 ± 0.037 $\chi^2/\text{NDF}: 50622.3/48$

All: -35.883 ± 0.026 $\chi^2/\text{NDF}: 98855.3/98$

- sign -35.586 ± 0.037 $\chi^2/\text{NDF}: 48108.4/49$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -46.264 ± 0.115 χ^2/NDF : 19183.8/23

Left Out: -26.920 ± 0.053 χ^2/NDF : 49198.9/24

Right Out: -46.688 ± 0.098 χ^2/NDF : 17240.2/26

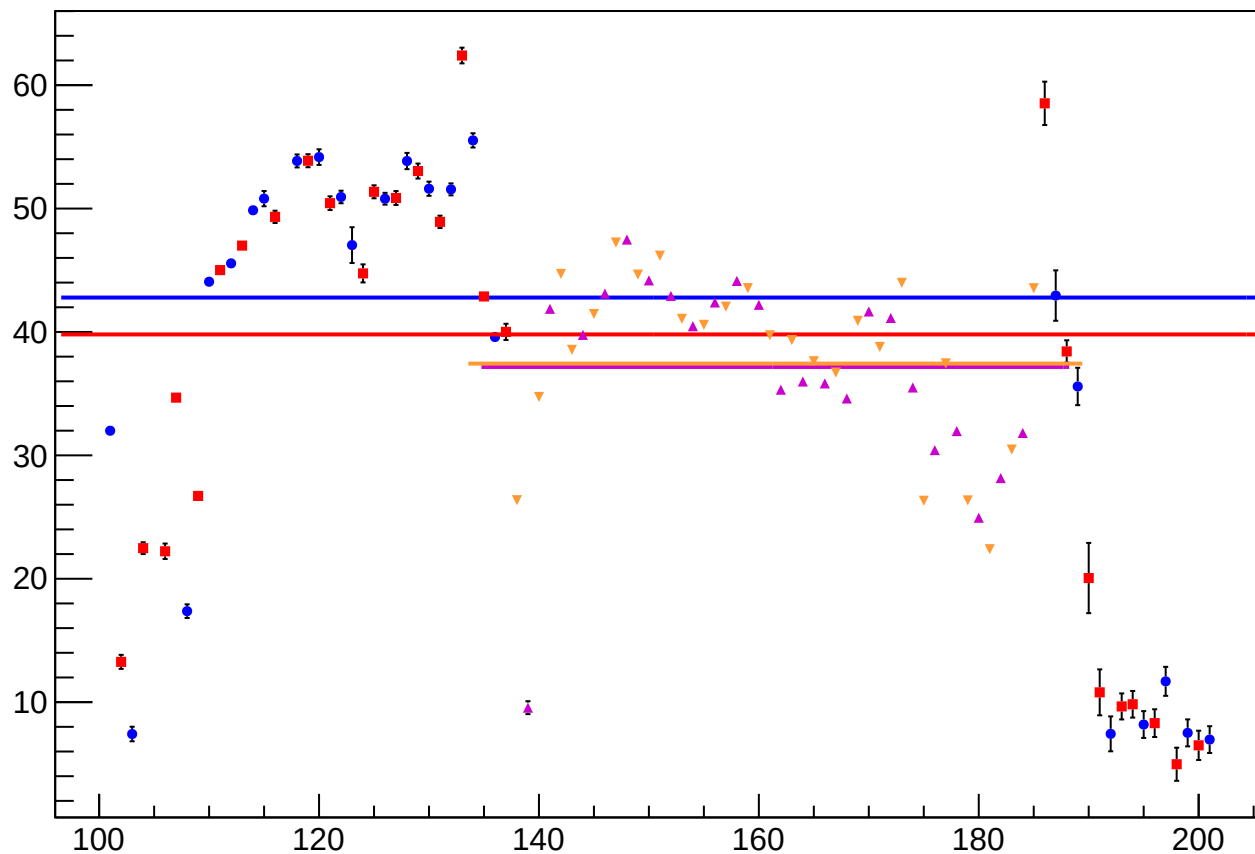
Left In: -26.733 ± 0.055 χ^2/NDF : 42643.0/22

+ sign -30.347 ± 0.048 χ^2/NDF : 91691.8/48

All: -30.931 ± 0.034 χ^2/NDF : 183616.3/98

- sign -31.499 ± 0.048 χ^2/NDF : 91637.7/49

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 42.788 $\pm$ 0.085 χ^2 /NDF: 15262.7/23

Left Out: 37.435 $\pm$ 0.047 χ^2 /NDF:21517.4/24

Right Out: 39.800 $\pm$ 0.079 χ^2 /NDF: 21303.6/26

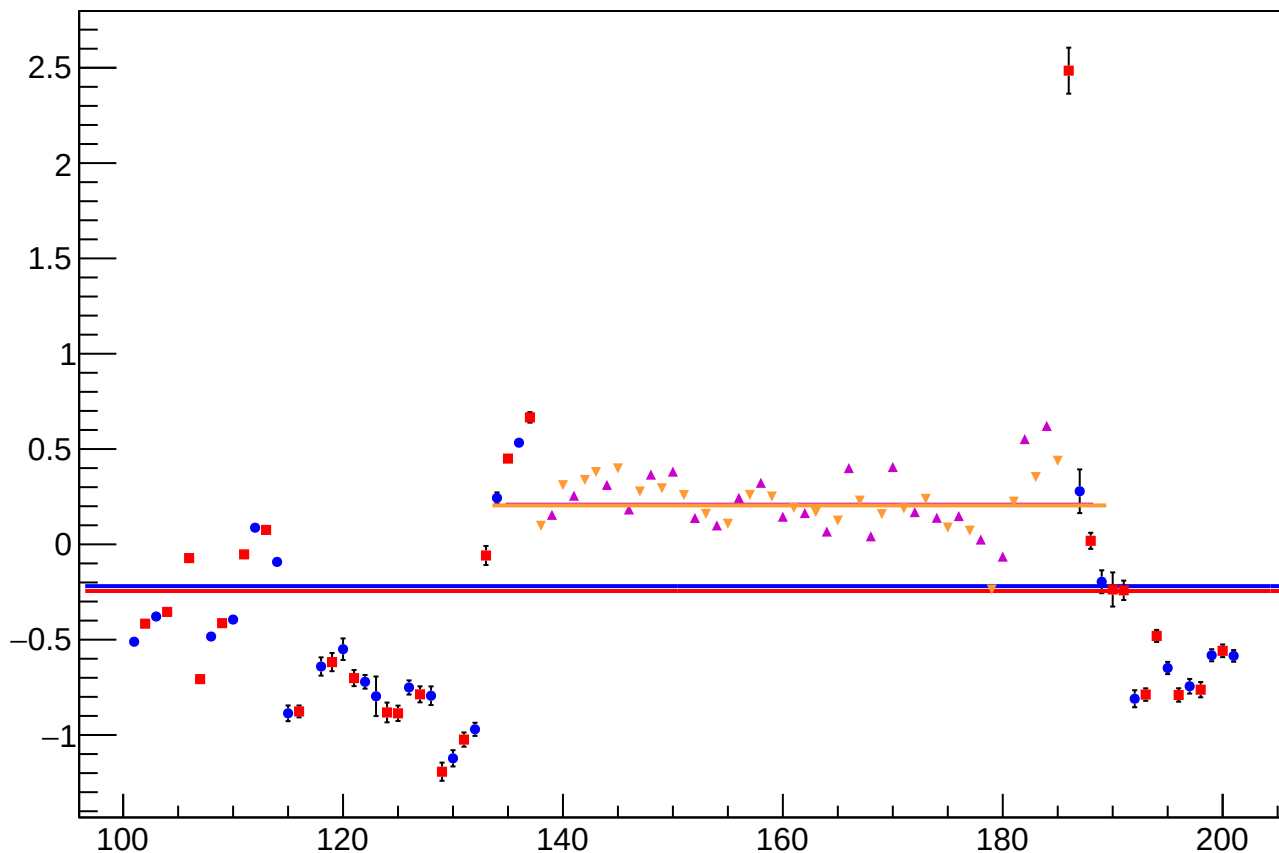
Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

+ sign 38.697 $\pm$ 0.041 χ^2 /NDF: 39795.1/48

All: 38.302 $\pm$ 0.029 χ^2 /NDF: 79515.0/98

- sign 37.902 $\pm$ 0.042 χ^2 /NDF: 39536.6/49

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.219 ± 0.005 χ^2/NDF : 8284.7/23

Left Out: 0.204 ± 0.002 χ^2/NDF : 3801.8/24

Right Out: -0.245 ± 0.004 χ^2/NDF : 8879.1/26

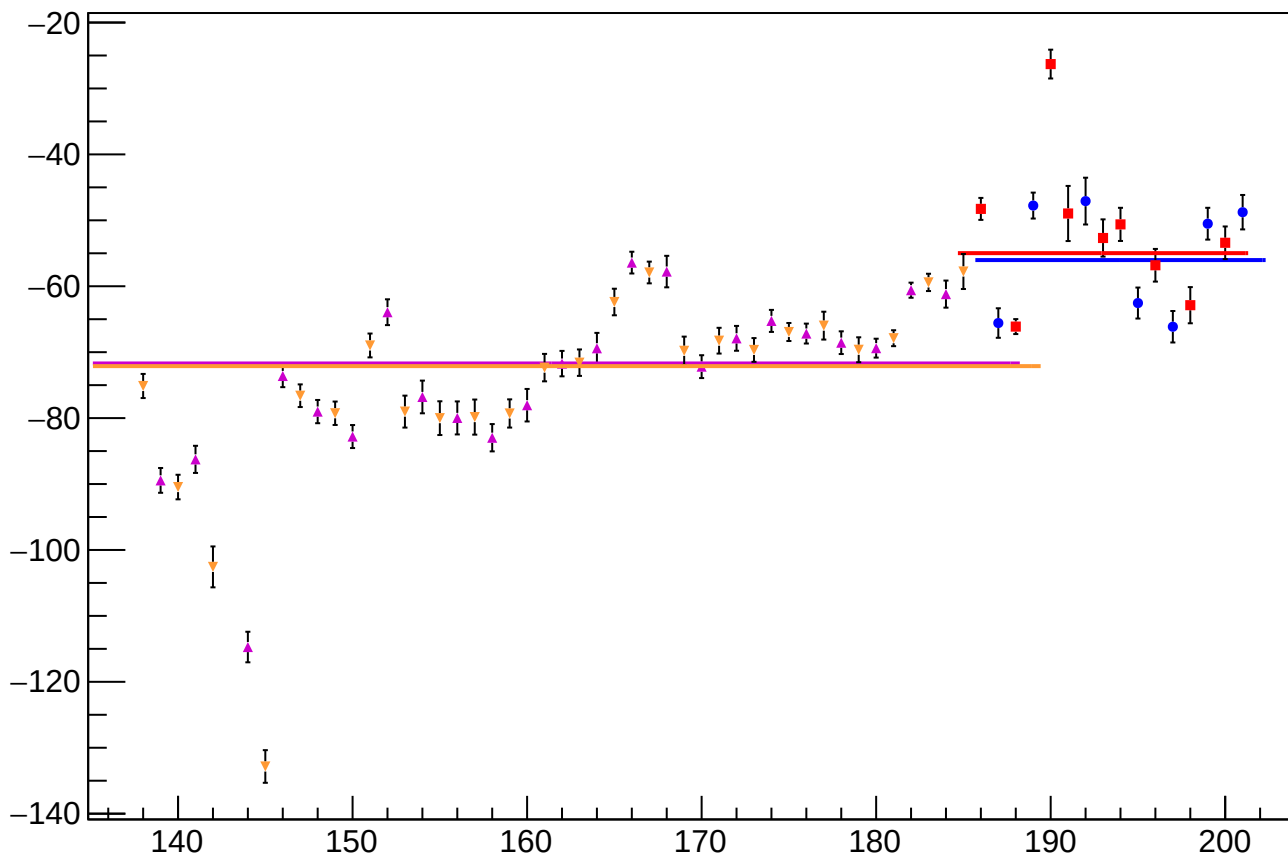
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.126 ± 0.002 χ^2/NDF : 19013.7/48

All: 0.116 ± 0.001 χ^2/NDF : 42420.0/98

- sign 0.105 ± 0.002 χ^2/NDF : 23345.6/49

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -56.029 ± 0.908 χ^2/NDF : 80.8/6

Left Out: -72.115 ± 0.383 χ^2/NDF : 1125.2/23

Right Out: -54.978 ± 0.683 χ^2/NDF : 299.7/8

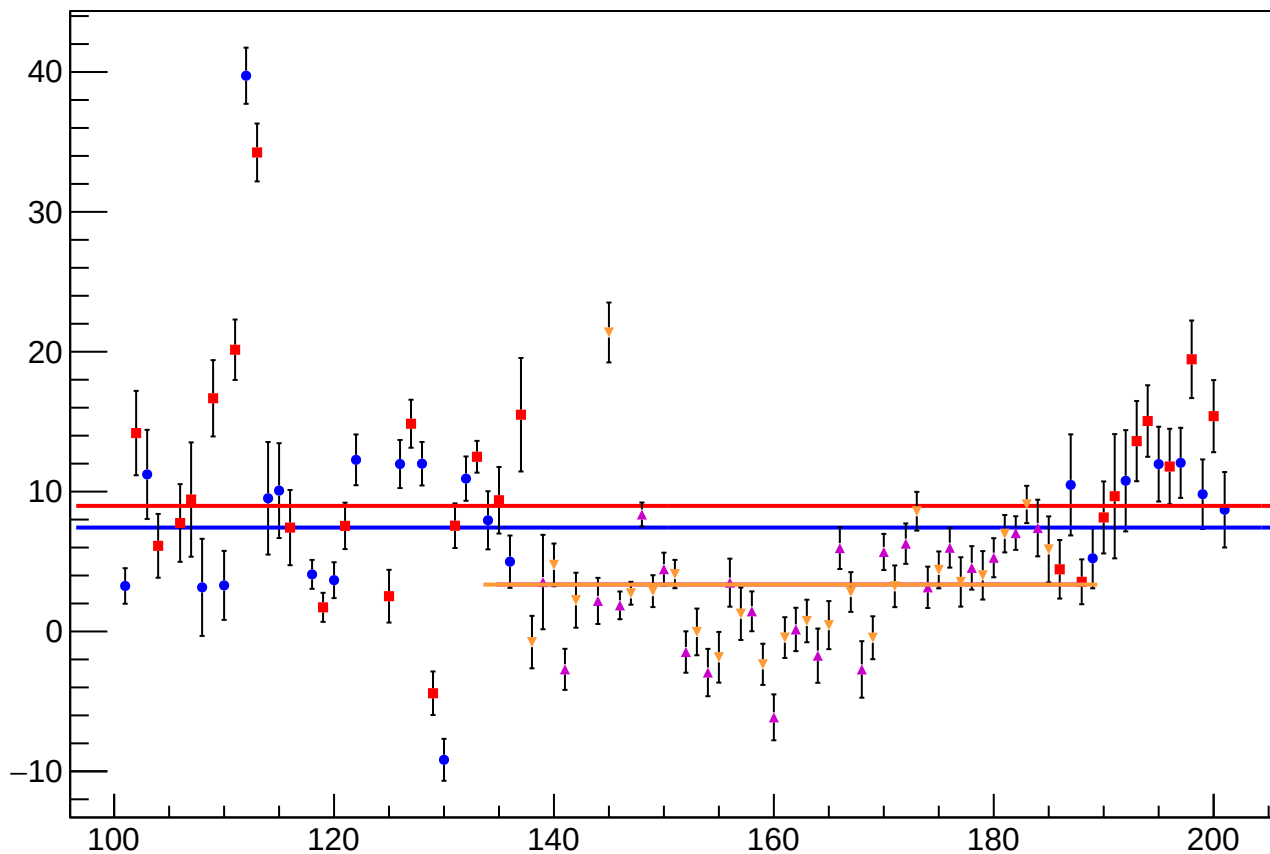
Left In: -71.713 ± 0.380 χ^2/NDF : 884.6/22

+ sign -69.689 ± 0.353 χ^2/NDF : 1472.3/30

All: -68.661 ± 0.242 χ^2/NDF : 3131.3/62

- sign -67.749 ± 0.332 χ^2/NDF : 1642.9/31

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.429 ± 0.399 χ^2/NDF : 457.6/22

Left Out: 3.353 ± 0.295 χ^2/NDF : 167.8/23

Right Out: 8.979 ± 0.394 χ^2/NDF : 395.1/25

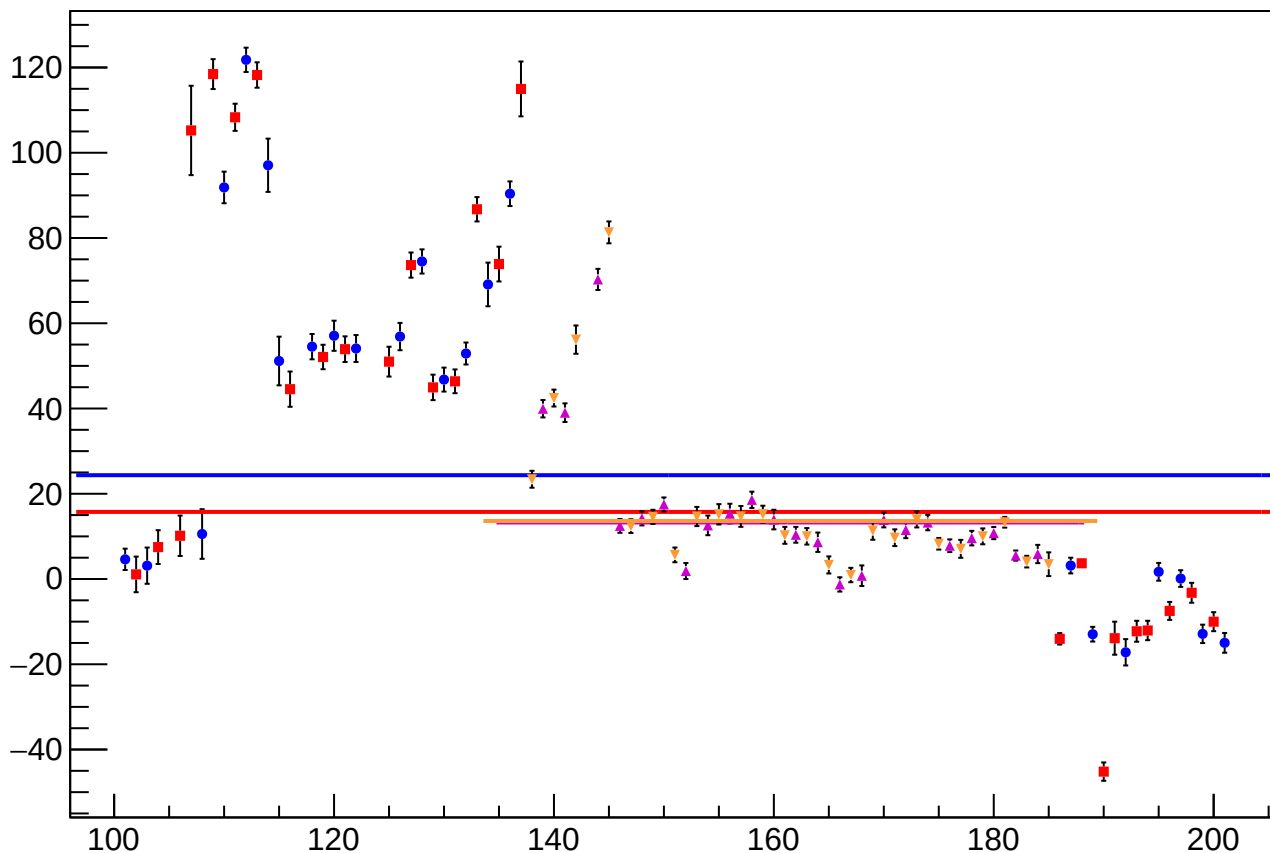
Left In: 3.360 ± 0.298 χ^2/NDF : 164.5/22

+ sign 4.792 ± 0.237 χ^2/NDF : 693.0/46

All: 5.097 ± 0.168 χ^2/NDF : 1385.6/95

- sign 5.403 ± 0.237 χ^2/NDF : 689.3/48

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 24.358 $\pm$ 0.570 χ^2 /NDF: 4862.0/22

Left Out: 13.610 $\pm$ 0.382 χ^2 /NDF:1303.3/23

Right Out: 15.740 $\pm$ 0.477 χ^2 /NDF: 7241.3/25

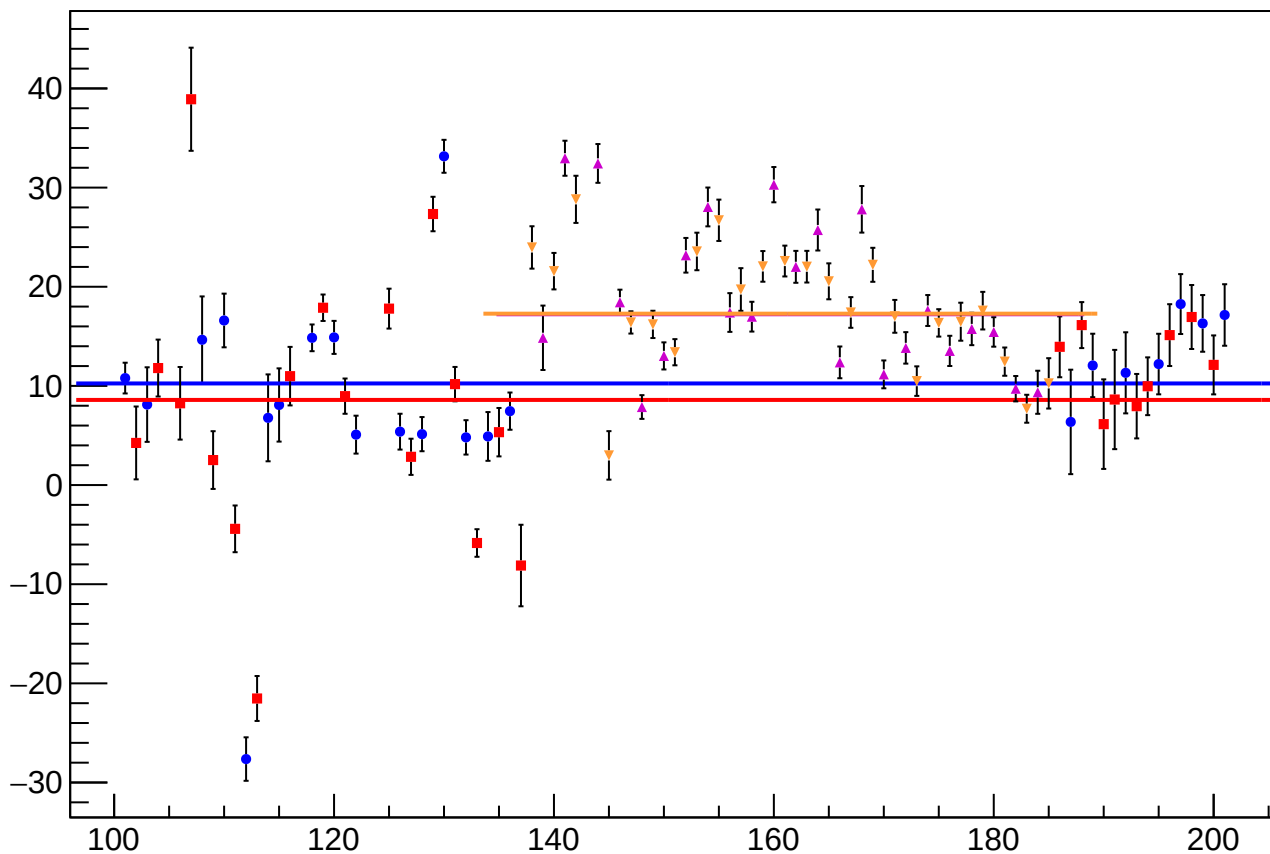
Left In: 13.262 $\pm$ 0.379 χ^2 /NDF:1077.0/22

+ sign 16.935 $\pm$ 0.317 χ^2 /NDF: 6410.6/46

All: 15.486 $\pm$ 0.217 χ^2 /NDF: 14784.5/95

- sign 14.220 $\pm$ 0.297 χ^2 /NDF: 8334.8/48

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 10.247 $\pm$ 0.465 χ^2 /NDF: 574.0/22

Left Out: 17.285 $\pm$ 0.337 χ^2 /NDF: 244.0/23

Right Out: 8.586 $\pm$ 0.464 χ^2 /NDF: 597.8/25

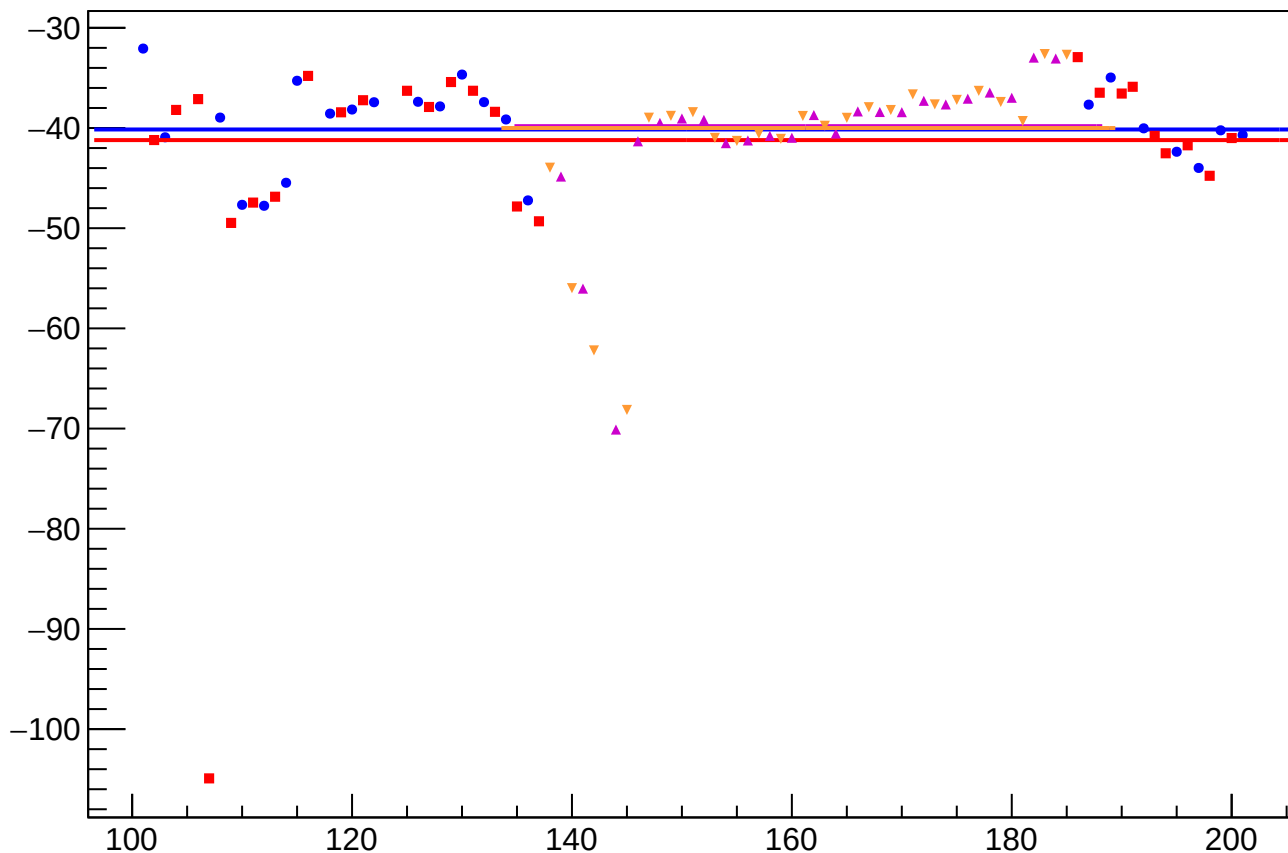
Left In: 17.224 $\pm$ 0.339 χ^2 /NDF: 442.2/22

+ sign 14.864 $\pm$ 0.273 χ^2 /NDF: 968.0/46

All: 14.542 $\pm$ 0.193 χ^2 /NDF: 2237.4/95

- sign 14.220 $\pm$ 0.273 χ^2 /NDF: 1266.5/48

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -40.145 ± 0.024 $\chi^2/\text{NDF}: 30387.4/22$

Left Out: -40.002 ± 0.016 $\chi^2/\text{NDF}: 172150.1/23$

Right Out: -41.206 ± 0.023 $\chi^2/\text{NDF}: 101162.4/25$

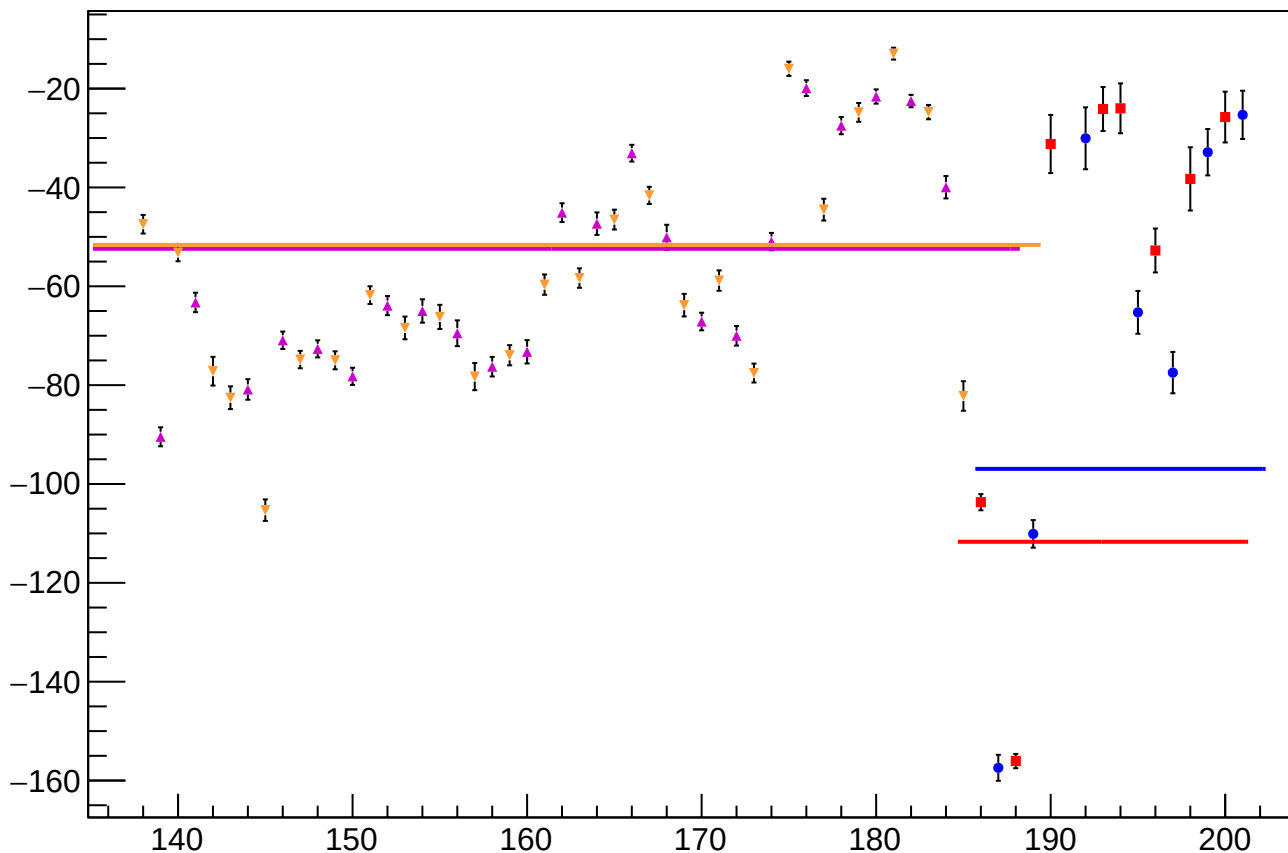
Left In: -39.813 ± 0.016 $\chi^2/\text{NDF}: 145790.5/22$

+ sign -40.044 ± 0.013 $\chi^2/\text{NDF}: 202562.0/46$

All: -40.145 ± 0.009 $\chi^2/\text{NDF}: 452085.1/95$

- sign -40.241 ± 0.013 $\chi^2/\text{NDF}: 249409.5/48$

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -96.941 ± 1.420 χ^2/NDF : 1141.2/6

Left Out: -51.622 ± 0.383 χ^2/NDF : 4133.0/24

Right Out: -111.689 ± 0.960 χ^2/NDF : 2429.8/7

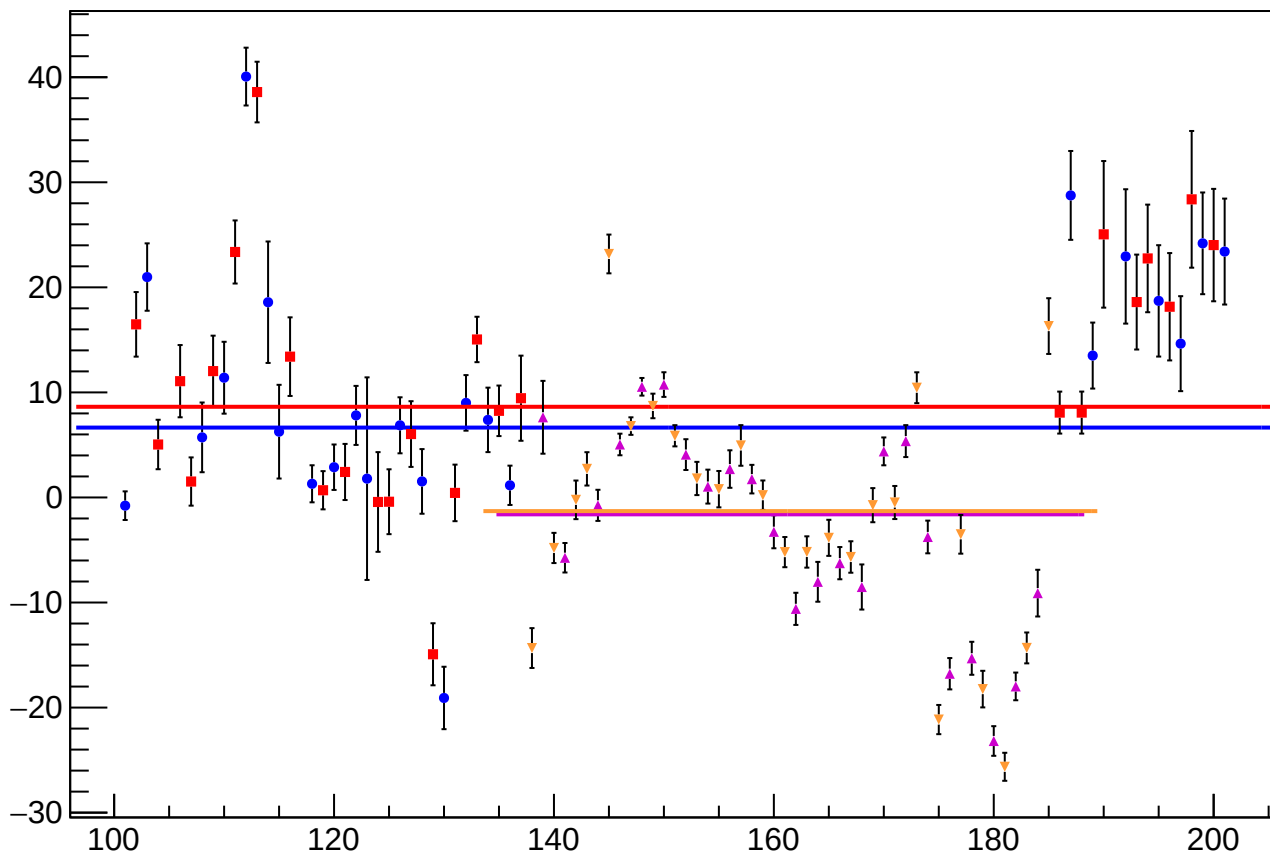
Left In: -52.409 ± 0.387 χ^2/NDF : 3378.7/22

+ sign -54.702 ± 0.370 χ^2/NDF : 6223.7/31

All: -57.797 ± 0.258 χ^2/NDF : 15449.0/62

- sign -60.707 ± 0.359 χ^2/NDF : 9089.8/30

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 6.651 ± 0.583 χ^2/NDF : 374.4/23

Left Out: -1.300 ± 0.293 χ^2/NDF : 1315.7/24

Right Out: 8.631 ± 0.573 χ^2/NDF : 311.7/25

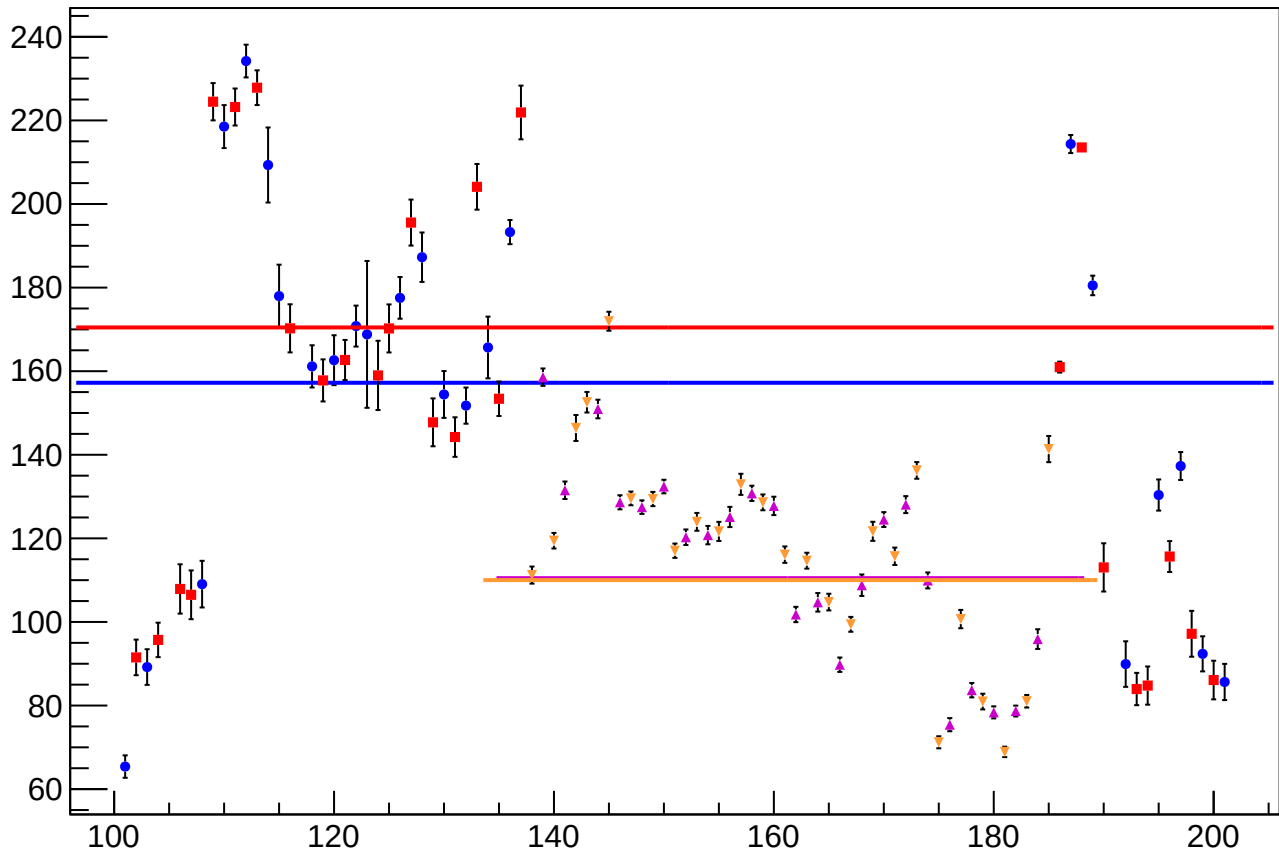
Left In: -1.608 ± 0.299 χ^2/NDF : 1097.4/22

+ sign 0.298 ± 0.261 χ^2/NDF : 1838.7/48

All: 0.443 ± 0.186 χ^2/NDF : 3499.5/97

- sign 0.592 ± 0.265 χ^2/NDF : 1660.2/48

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 157.229 $\pm$ 0.826 χ^2 /NDF: 3828.3/23

Left Out: 110.012 $\pm$ 0.383 χ^2 /NDF: 4537.0/24

Right Out: 170.464 $\pm$ 0.653 χ^2 /NDF: 4694.6/25

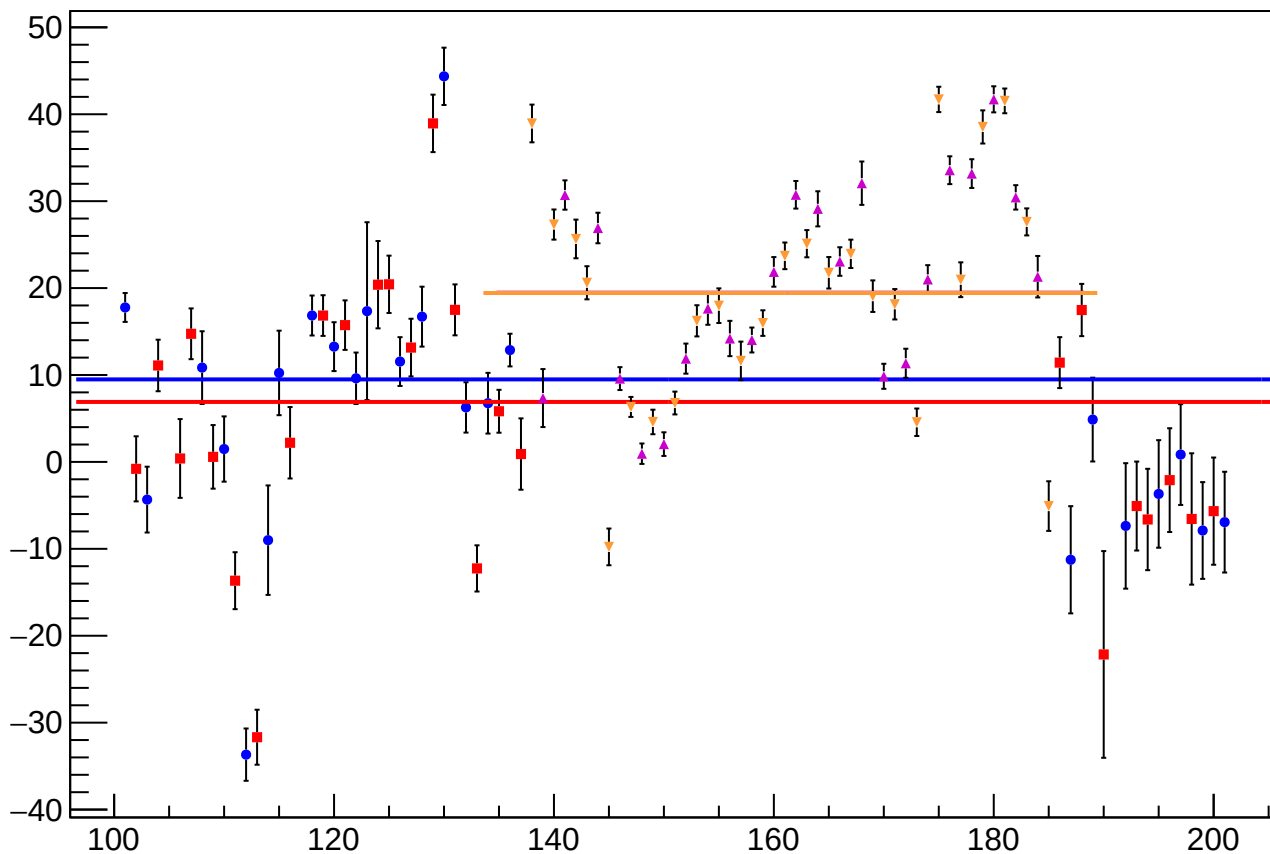
Left In: 110.482 $\pm$ 0.385 χ^2 /NDF: 3824.9/22

+ sign 118.358 $\pm$ 0.347 χ^2 /NDF: 11055.0/48

All: 122.315 $\pm$ 0.240 χ^2 /NDF: 26079.6/97

- sign 125.920 $\pm$ 0.332 χ^2 /NDF: 14776.6/48

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 9.494 ± 0.679 χ^2/NDF : 434.1/23

Left Out: 19.434 ± 0.336 χ^2/NDF : 1452.3/24

Right Out: 6.901 ± 0.681 χ^2/NDF : 465.7/25

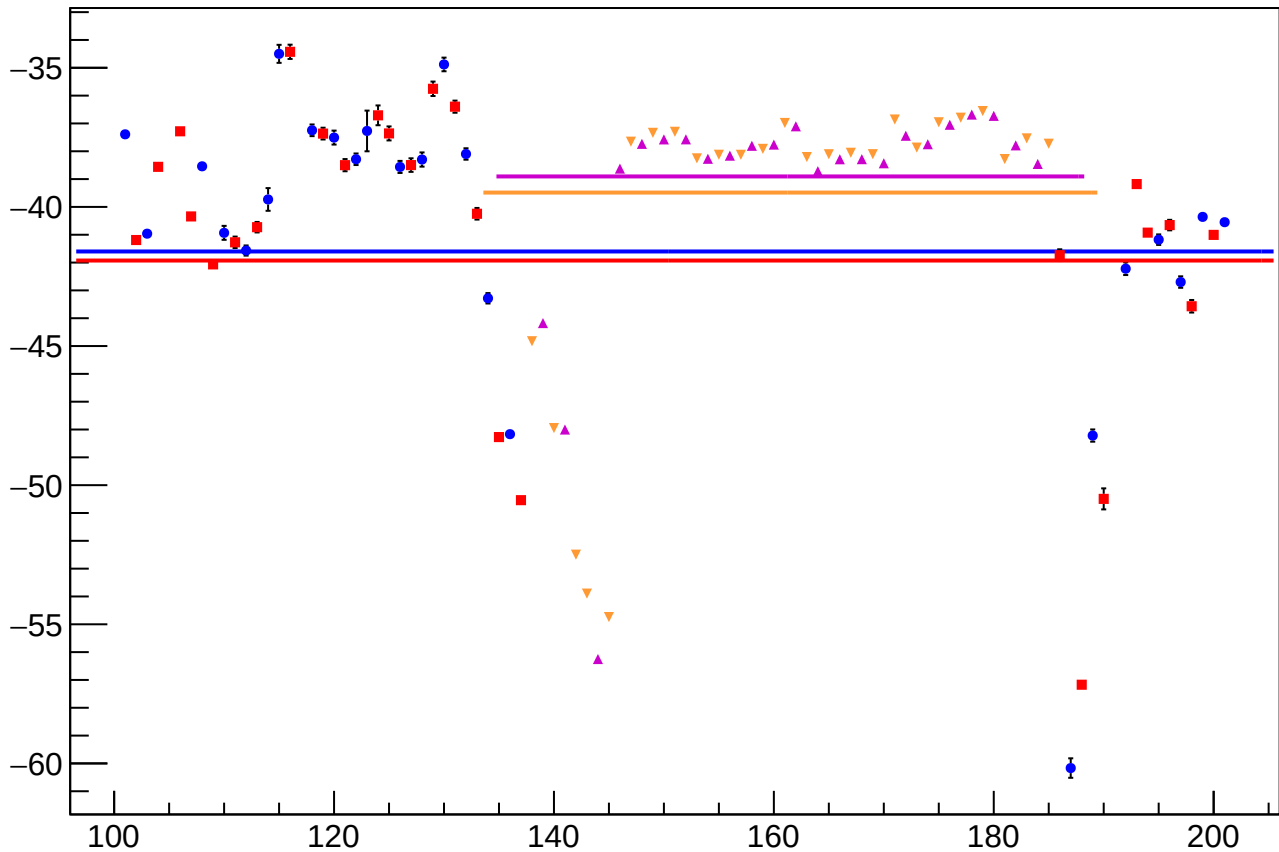
Left In: 19.472 ± 0.342 χ^2/NDF : 1188.2/22

+ sign 17.481 ± 0.301 χ^2/NDF : 2058.8/48

All: 17.219 ± 0.214 χ^2/NDF : 3986.2/97

- sign 16.948 ± 0.305 χ^2/NDF : 1925.8/48

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.601 ± 0.034 $\chi^2/\text{NDF}: 16505.2/23$

Left Out: -39.484 ± 0.016 $\chi^2/\text{NDF}: 88877.3/24$

Right Out: -41.927 ± 0.034 $\chi^2/\text{NDF}: 22425.2/25$

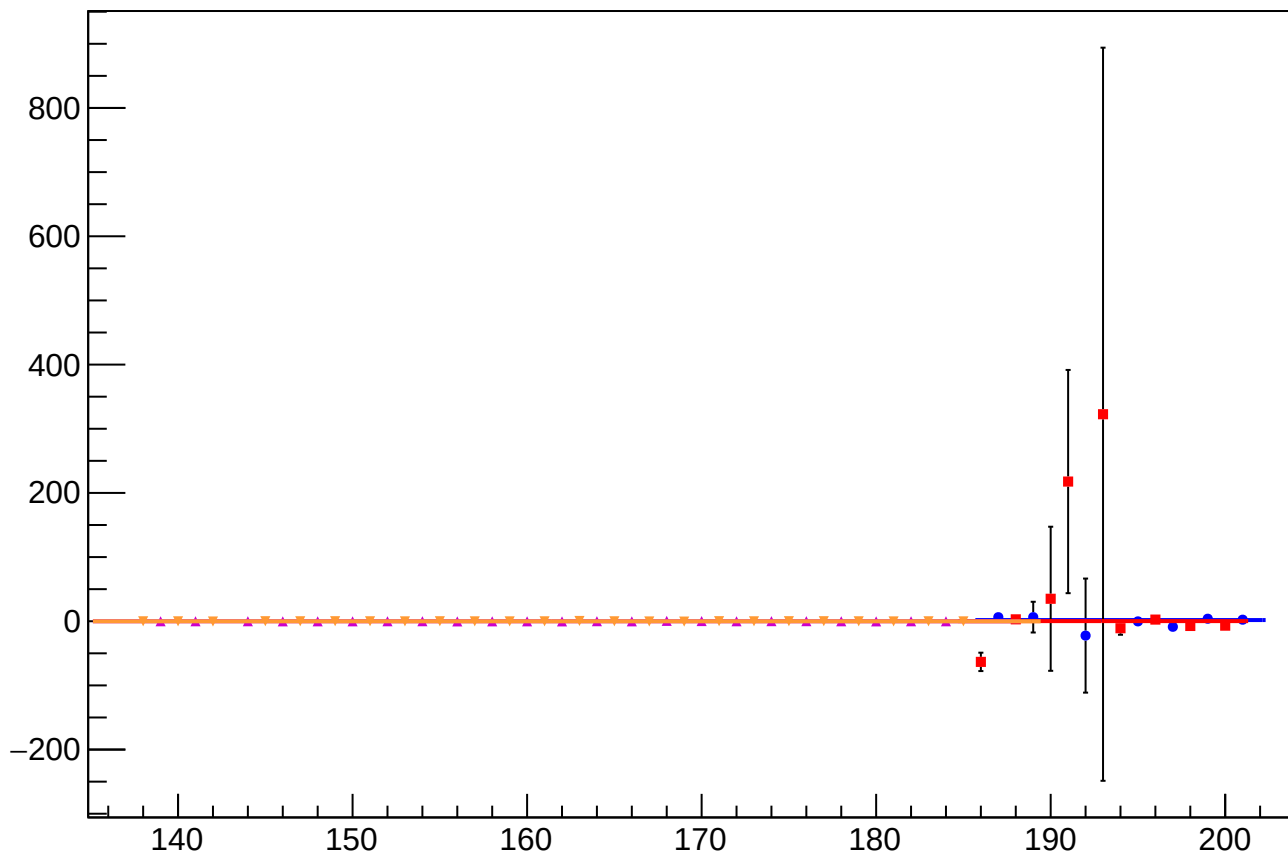
Left In: -38.905 ± 0.016 $\chi^2/\text{NDF}: 54282.7/22$

+ sign -39.854 ± 0.014 $\chi^2/\text{NDF}: 108529.9/48$

All: -39.653 ± 0.010 $\chi^2/\text{NDF}: 192263.1/97$

- sign -39.453 ± 0.014 $\chi^2/\text{NDF}: 83339.9/48$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 1.847 ± 1.973 χ^2/NDF : 7.7/6

Left Out: -0.089 ± 0.022 χ^2/NDF : 40.0/23

Right Out: 0.202 ± 1.650 χ^2/NDF : 28.0/8

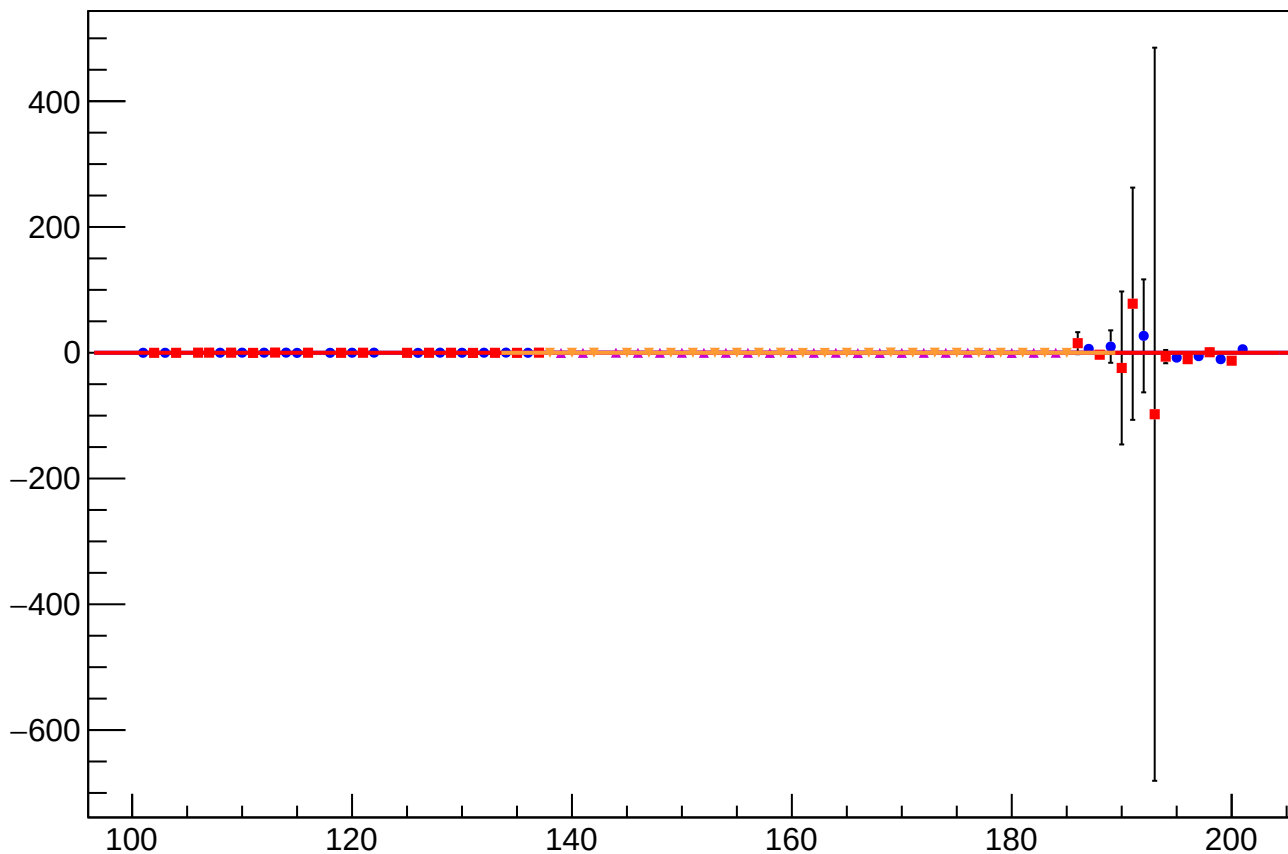
Left In: -0.026 ± 0.022 χ^2/NDF : 32.3/22

+ sign -0.089 ± 0.022 χ^2/NDF : 48.7/30

All: -0.057 ± 0.016 χ^2/NDF : 113.1/62

- sign -0.026 ± 0.022 χ^2/NDF : 60.3/31

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.001 ± 0.028 χ^2/NDF : 21.0/22

Left Out: -0.081 ± 0.017 χ^2/NDF : 25.8/23

Right Out: -0.052 ± 0.029 χ^2/NDF : 30.5/25

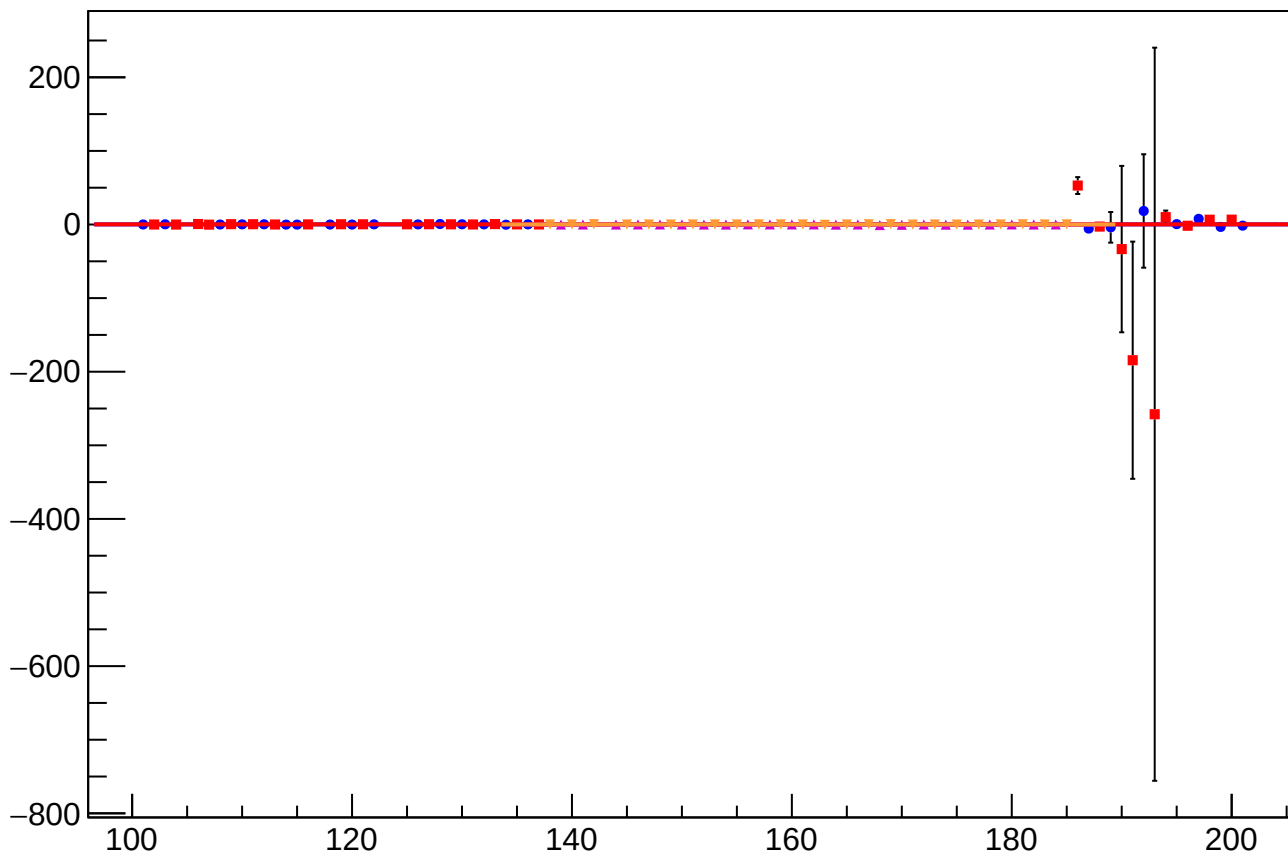
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 53.0/46

All: -0.056 ± 0.011 χ^2/NDF : 115.7/95

- sign -0.054 ± 0.015 χ^2/NDF : 62.7/48

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.169 ± 0.052 χ^2/NDF : 23.8/22

Left Out: 0.082 ± 0.022 χ^2/NDF : 38.7/23

Right Out: 0.239 ± 0.054 χ^2/NDF : 47.8/25

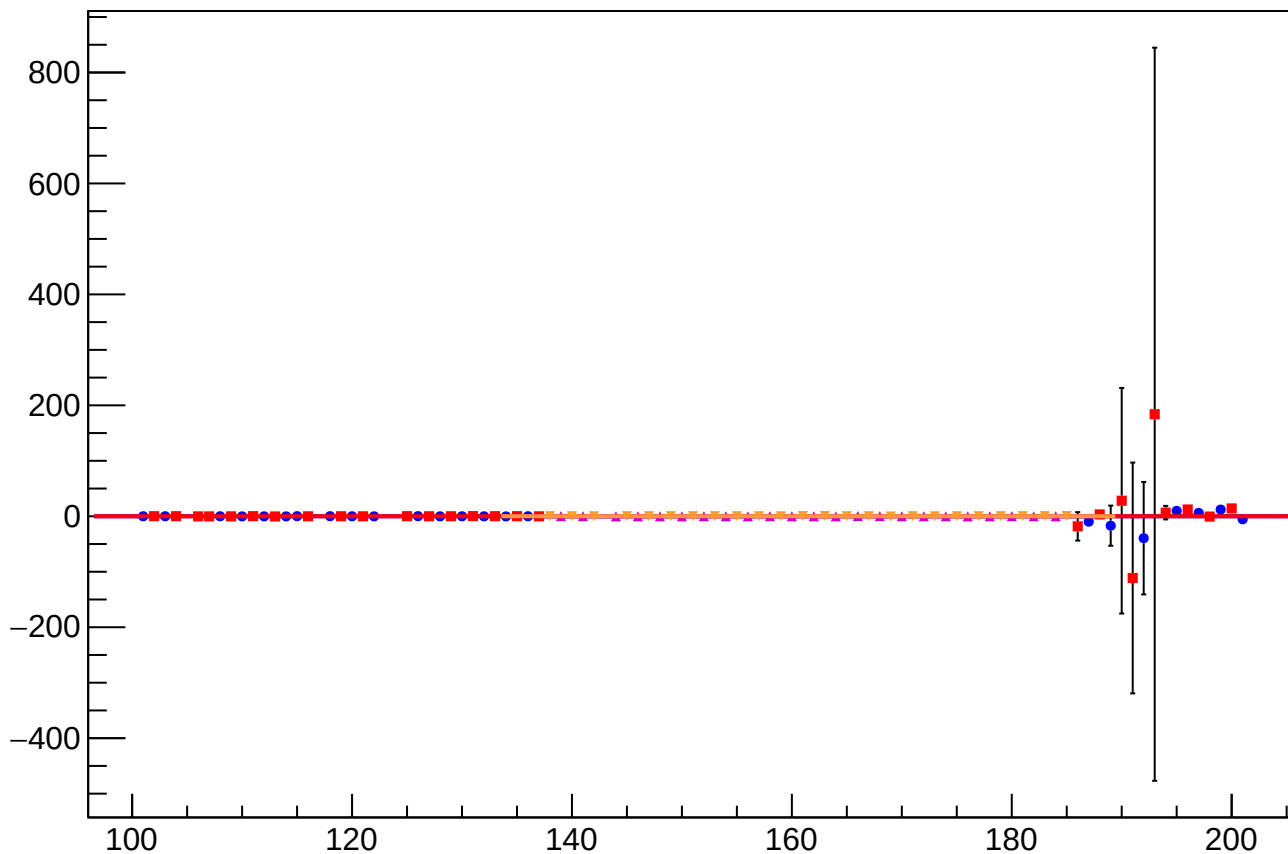
Left In: 0.020 ± 0.022 χ^2/NDF : 34.5/22

+ sign 0.095 ± 0.020 χ^2/NDF : 64.8/46

All: 0.073 ± 0.014 χ^2/NDF : 163.5/95

- sign 0.052 ± 0.020 χ^2/NDF : 96.4/48

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 22.6/22

Left Out: 0.105 ± 0.020 χ^2/NDF : 29.5/23

Right Out: 0.059 ± 0.034 χ^2/NDF : 28.9/25

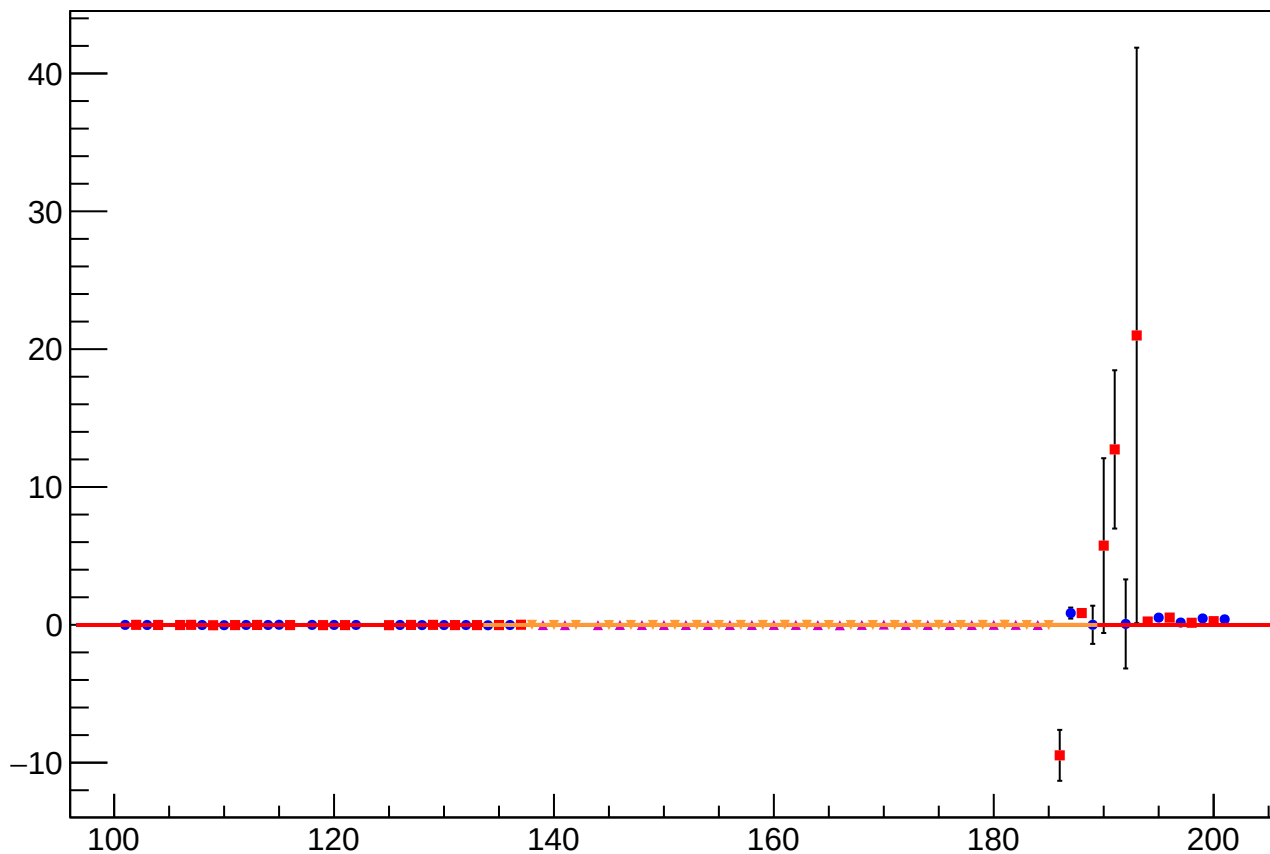
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 61.4/46

All: 0.072 ± 0.012 χ^2/NDF : 122.1/95

- sign 0.069 ± 0.017 χ^2/NDF : 60.7/48

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 34.9/22

Left Out: -0.008 ± 0.001 χ^2/NDF : 30.7/23

Right Out: -0.011 ± 0.002 χ^2/NDF : 79.8/25

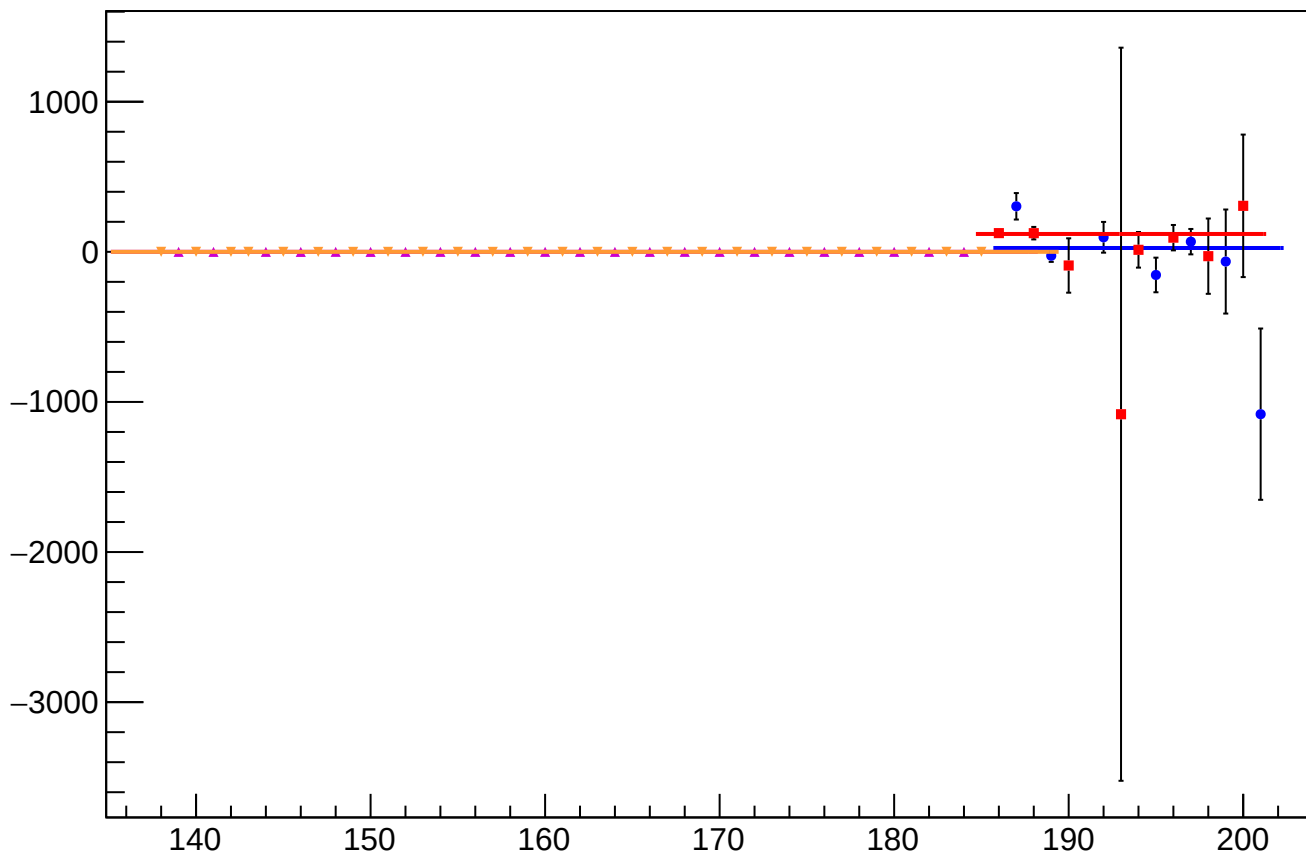
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 69.0/46

All: -0.009 ± 0.001 χ^2/NDF : 192.0/95

- sign -0.009 ± 0.001 χ^2/NDF : 122.8/48

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 25.609 ± 30.924 χ^2/NDF : 18.5/6

Left Out: 0.013 ± 0.027 χ^2/NDF : 29.2/24

Right Out: 119.046 ± 16.526 χ^2/NDF : 3.1/7

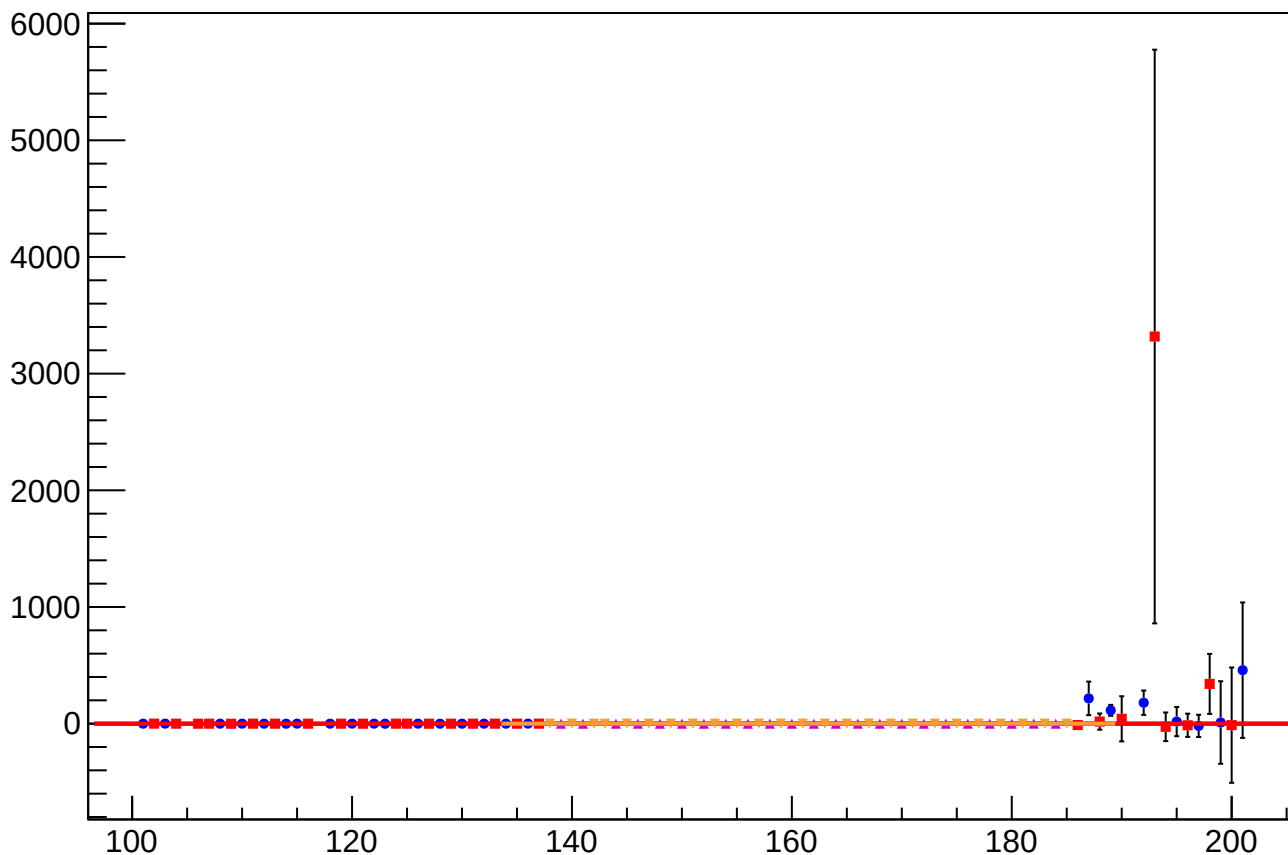
Left In: 0.004 ± 0.028 χ^2/NDF : 28.2/22

+ sign 0.013 ± 0.027 χ^2/NDF : 48.3/31

All: 0.009 ± 0.019 χ^2/NDF : 131.5/62

- sign 0.005 ± 0.028 χ^2/NDF : 83.2/30

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 35.2/23

Left Out: -0.058 ± 0.021 χ^2/NDF : 25.4/24

Right Out: -0.128 ± 0.039 χ^2/NDF : 21.4/25

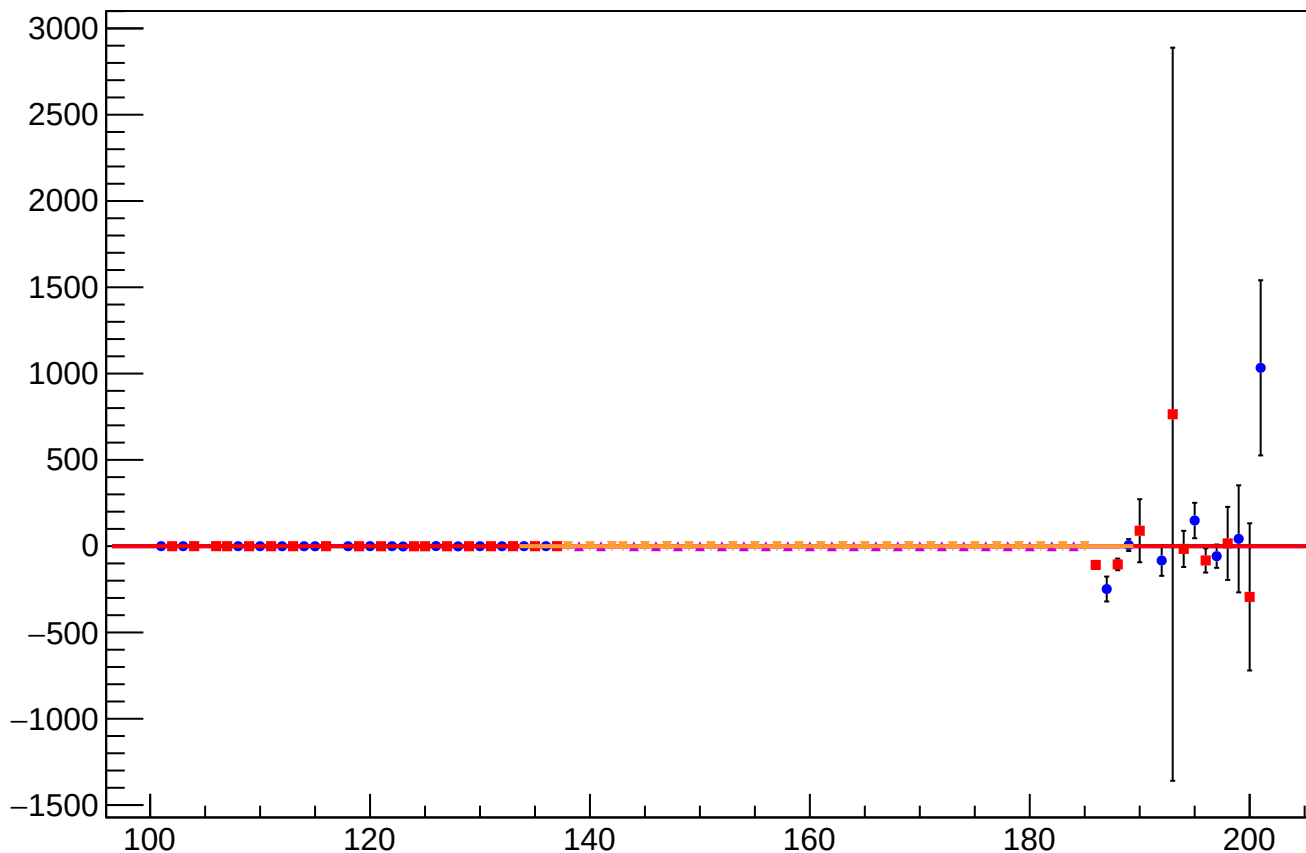
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 61.2/48

All: -0.066 ± 0.013 χ^2/NDF : 134.8/97

- sign -0.085 ± 0.019 χ^2/NDF : 71.8/48

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.130 ± 0.067 χ^2/NDF : 43.5/23

Left Out: -0.015 ± 0.027 χ^2/NDF : 27.0/24

Right Out: -0.176 ± 0.071 χ^2/NDF : 70.1/25

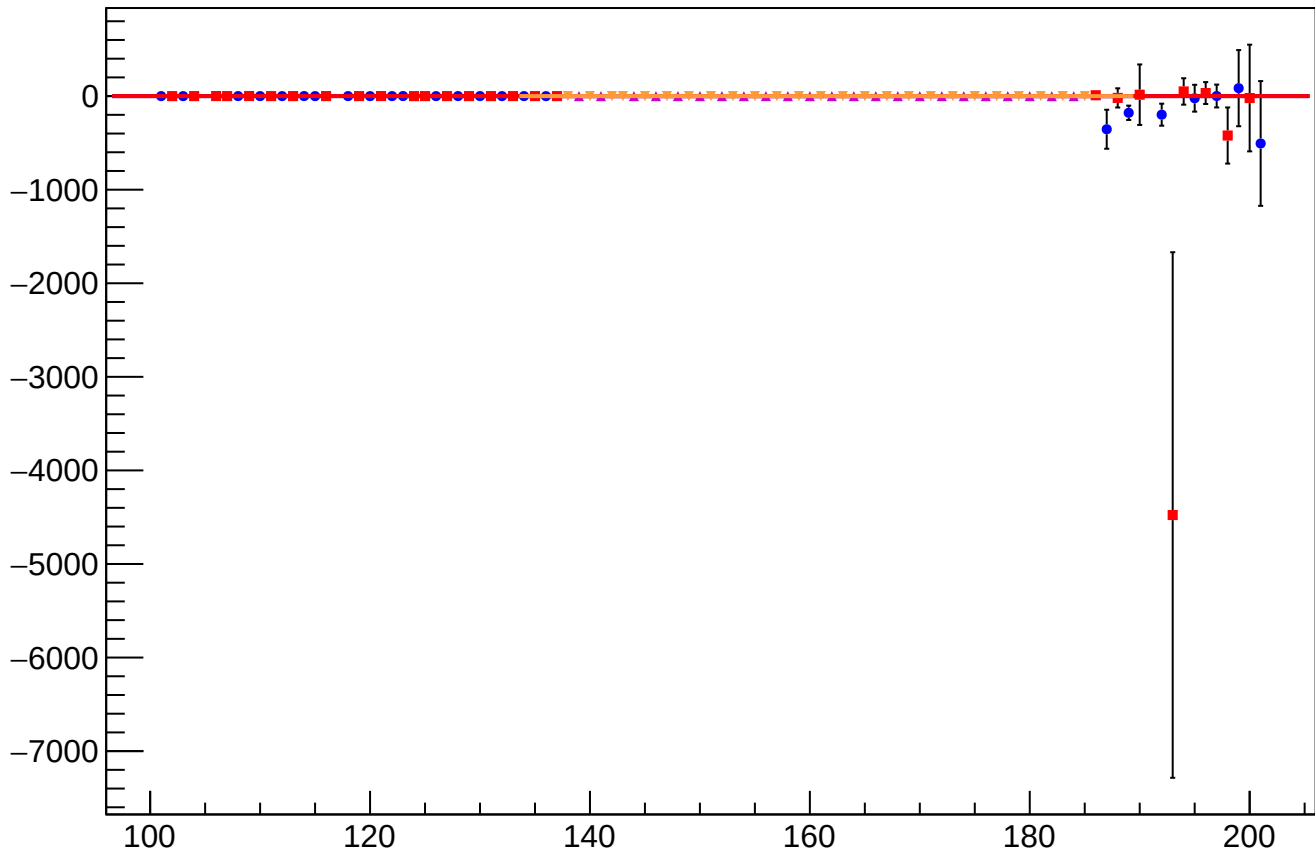
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 73.1/48

All: -0.042 ± 0.018 χ^2/NDF : 174.7/97

- sign -0.053 ± 0.026 χ^2/NDF : 101.3/48

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 34.3/23

Left Out: 0.062 ± 0.024 χ^2/NDF : 25.0/24

Right Out: 0.152 ± 0.045 χ^2/NDF : 20.6/25

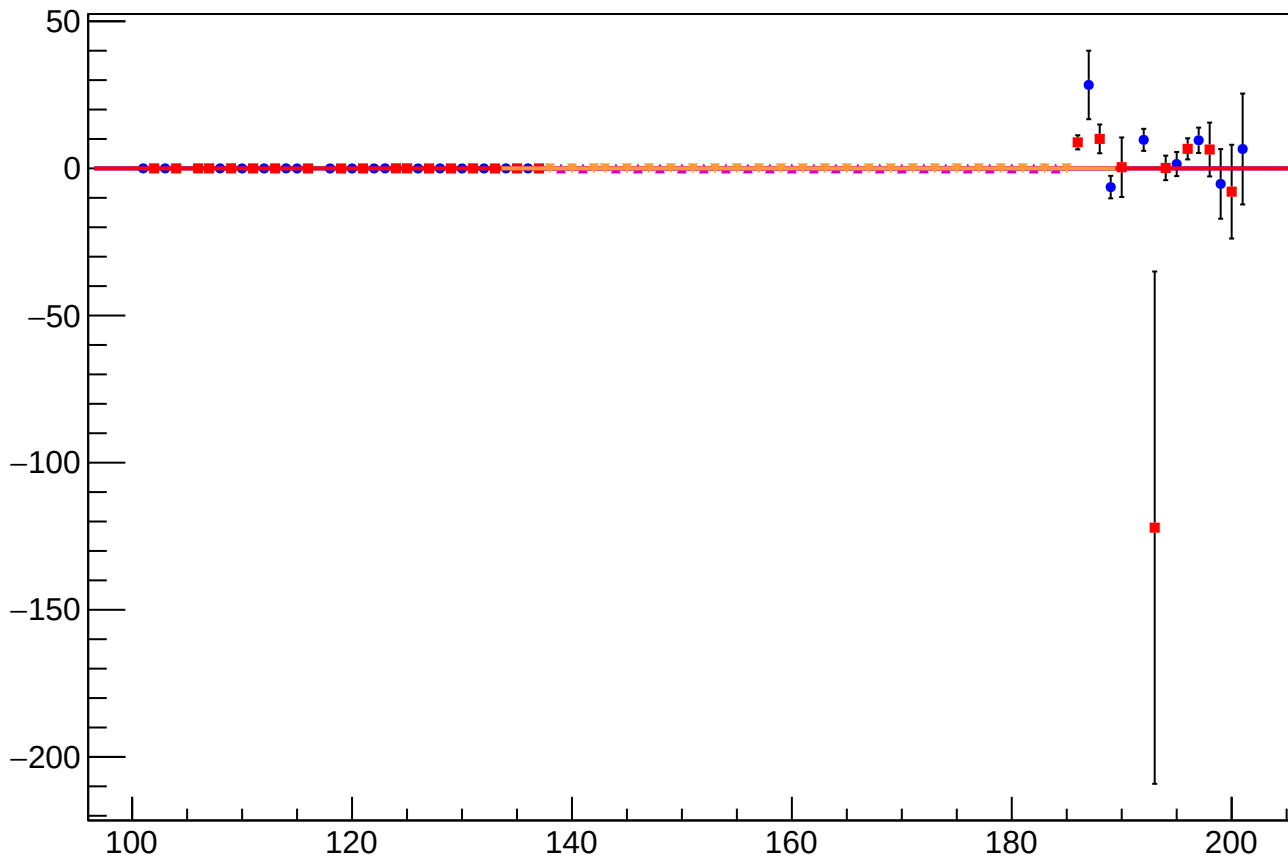
Left In: 0.069 ± 0.025 χ^2/NDF : 51.4/22

+ sign 0.052 ± 0.021 χ^2/NDF : 60.0/48

All: 0.069 ± 0.015 χ^2/NDF : 136.1/97

- sign 0.088 ± 0.022 χ^2/NDF : 74.6/48

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 53.2/23

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 25.9/24

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 44.6/25

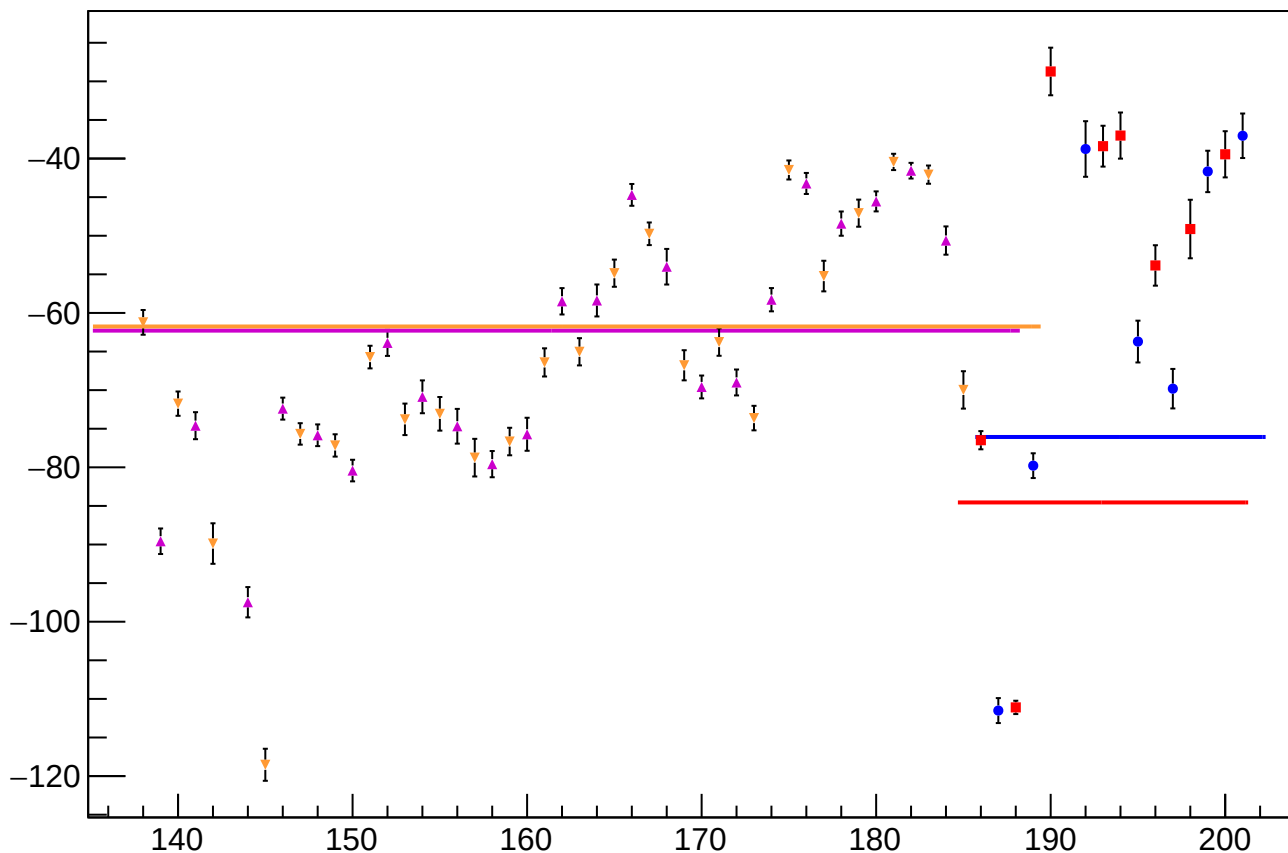
Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 15.8/22

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 87.2/48

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 154.9/97

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 67.2/48

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -76.069 ± 0.846 χ^2/NDF : 967.2/6

Left Out: -61.756 ± 0.334 χ^2/NDF : 2509.2/23

Right Out: -84.549 ± 0.603 χ^2/NDF : 2328.0/7

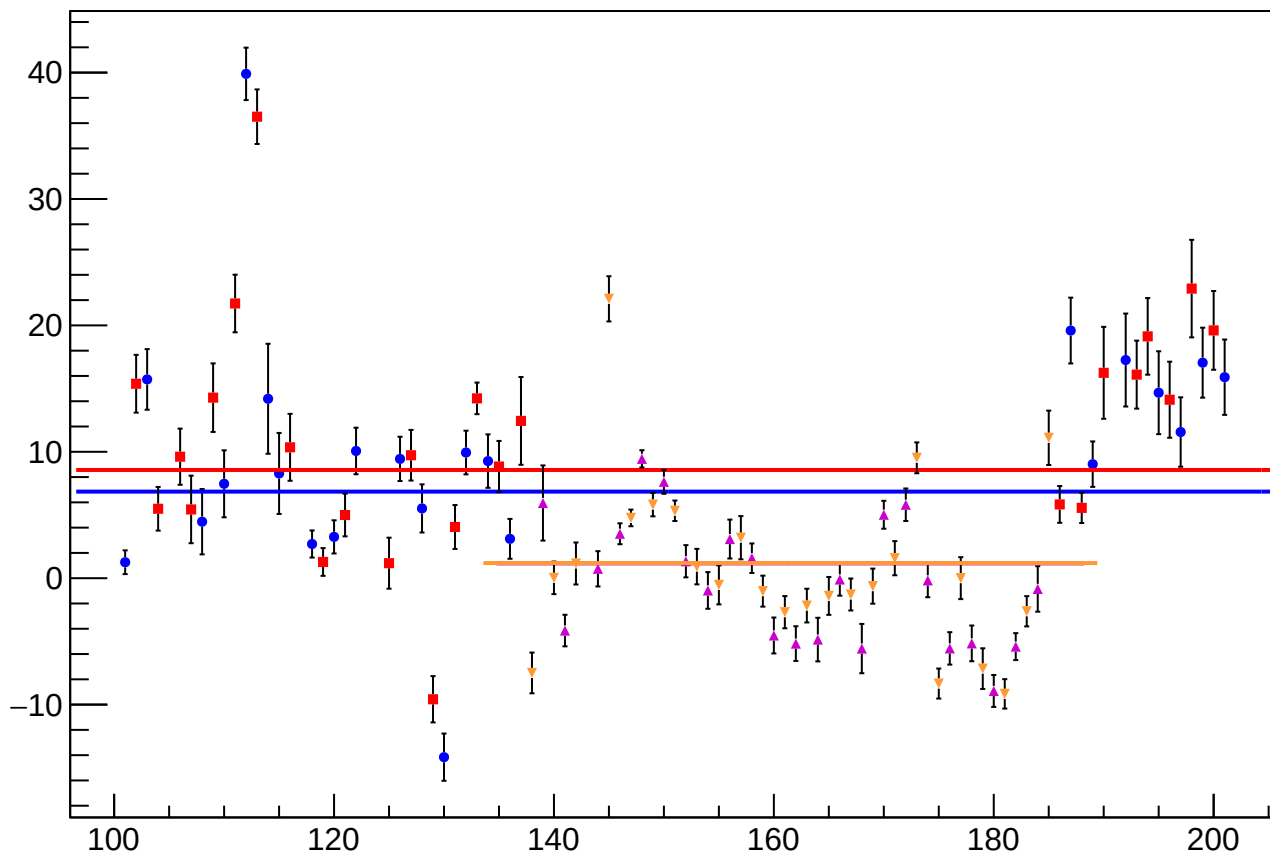
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ sign -63.683 ± 0.311 χ^2/NDF : 3723.9/30

All: -65.689 ± 0.212 χ^2/NDF : 9441.0/61

- sign -67.443 ± 0.290 χ^2/NDF : 5638.9/30

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.850 ± 0.390 $\chi^2/\text{NDF}: 536.5/22$

Left Out: 1.197 ± 0.252 $\chi^2/\text{NDF}: 526.1/23$

Right Out: 8.562 ± 0.389 $\chi^2/\text{NDF}: 472.5/24$

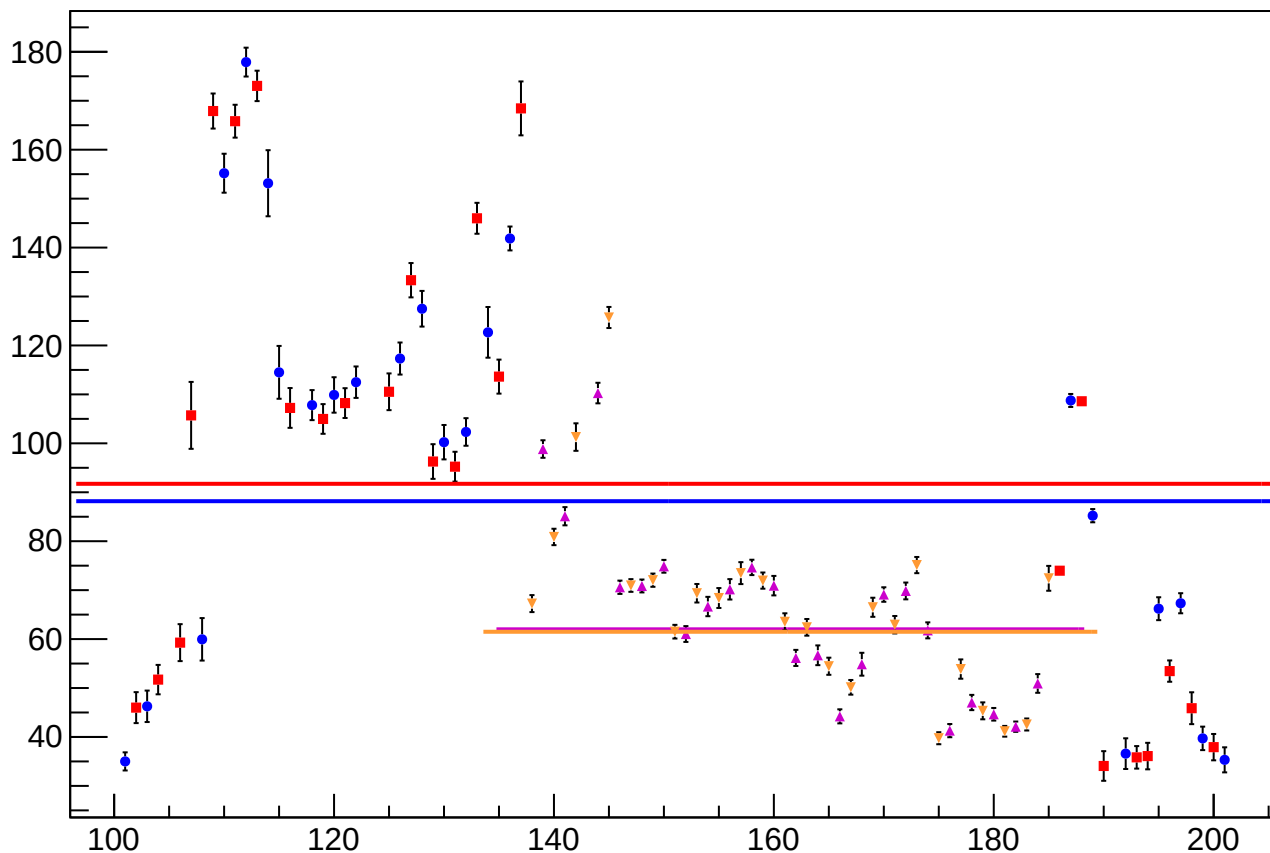
Left In: 1.171 ± 0.255 $\chi^2/\text{NDF}: 466.2/22$

+ sign 2.867 ± 0.212 $\chi^2/\text{NDF}: 1210.7/46$

All: 3.126 ± 0.150 $\chi^2/\text{NDF}: 2405.1/94$

- sign 3.389 ± 0.213 $\chi^2/\text{NDF}: 1191.4/47$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 88.177 ± 0.535 χ^2/NDF : 4798.2/22

Left Out: 61.496 ± 0.332 χ^2/NDF : 2610.2/23

Right Out: 91.729 ± 0.427 χ^2/NDF : 6075.9/24

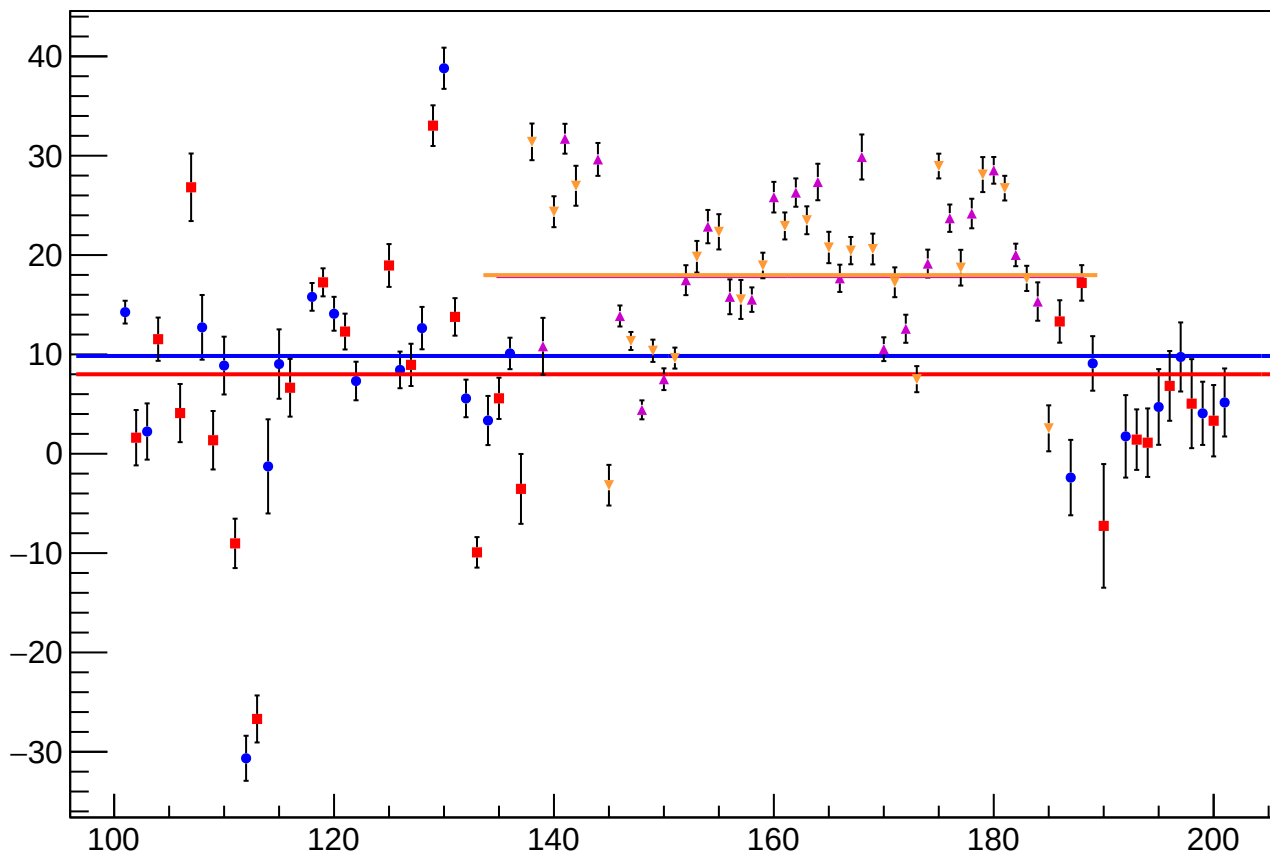
Left In: 61.995 ± 0.329 χ^2/NDF : 2517.6/22

+ sign 68.927 ± 0.282 χ^2/NDF : 9204.1/46

All: 71.163 ± 0.191 χ^2/NDF : 20957.4/94

- sign 73.070 ± 0.261 χ^2/NDF : 11636.9/47

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 9.842 ± 0.460 χ^2/NDF : 604.6/22

Left Out: 17.979 ± 0.291 χ^2/NDF : 674.8/23

Right Out: 7.999 ± 0.467 χ^2/NDF : 738.9/24

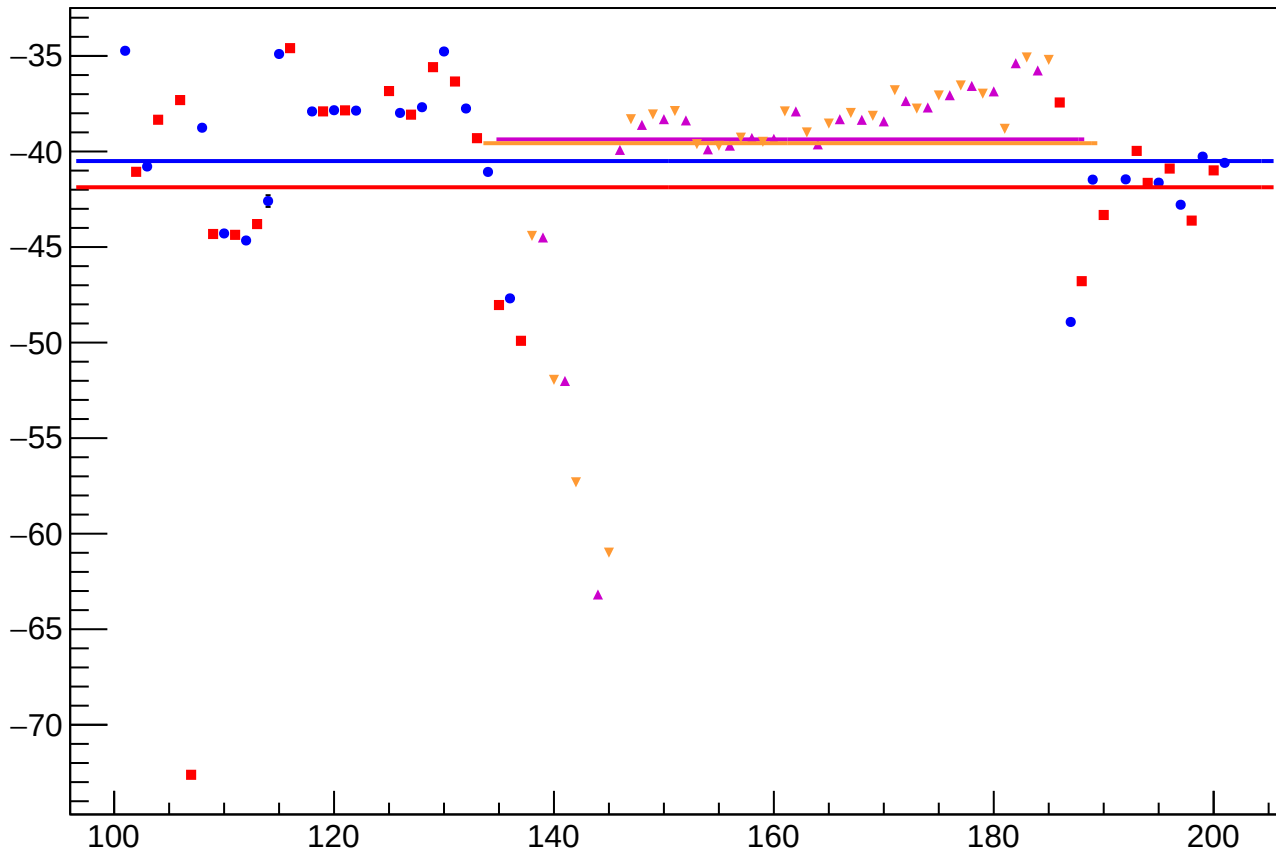
Left In: 17.881 ± 0.292 χ^2/NDF : 730.9/22

+ sign 15.656 ± 0.246 χ^2/NDF : 1503.0/46

All: 15.385 ± 0.174 χ^2/NDF : 3297.0/94

- sign 15.112 ± 0.247 χ^2/NDF : 1791.6/47

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.501 ± 0.024 $\chi^2/\text{NDF}: 27465.3/22$

Left Out: -39.567 ± 0.014 $\chi^2/\text{NDF}: 141152.0/23$

Right Out: -41.872 ± 0.023 $\chi^2/\text{NDF}: 64678.6/24$

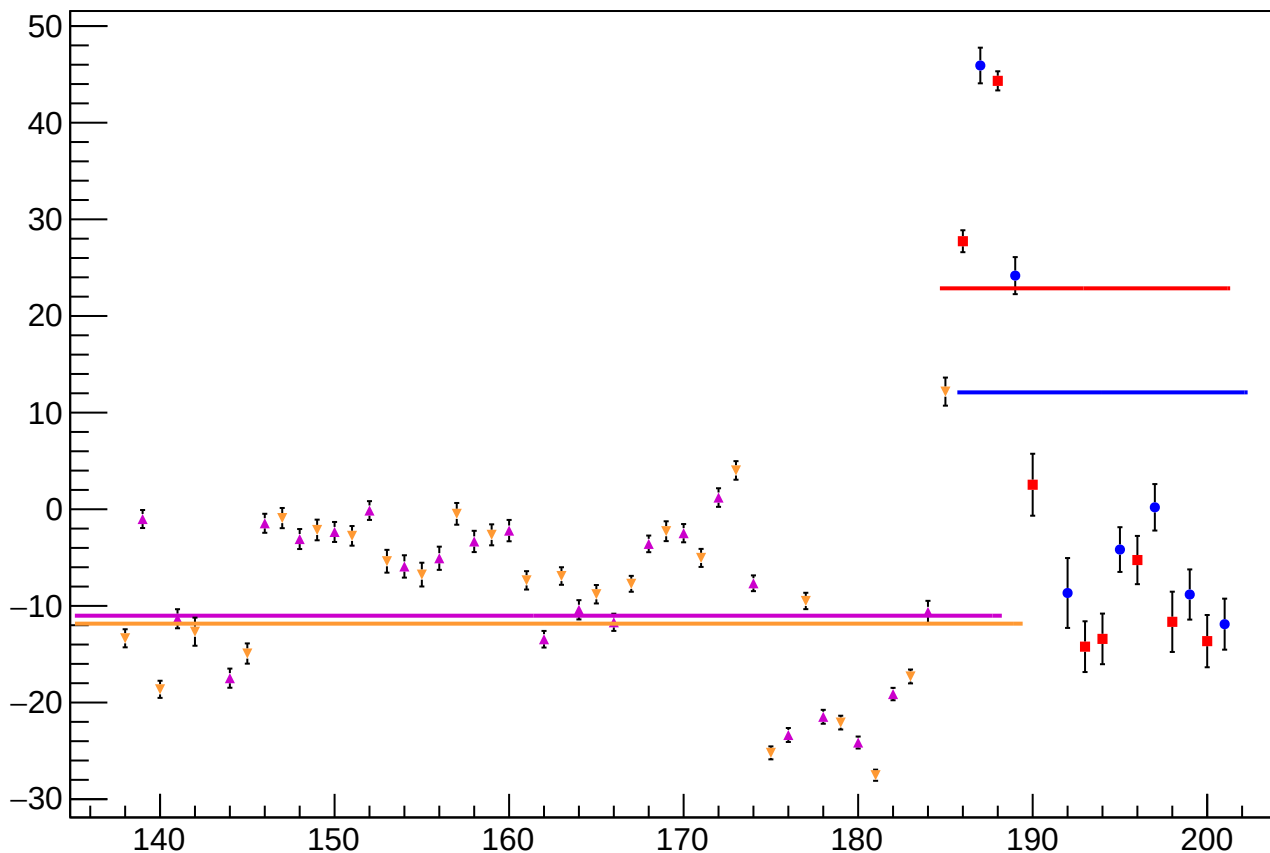
Left In: -39.368 ± 0.014 $\chi^2/\text{NDF}: 117958.1/22$

+ sign -39.801 ± 0.012 $\chi^2/\text{NDF}: 169777.5/46$

All: -39.901 ± 0.008 $\chi^2/\text{NDF}: 361164.3/94$

- sign -39.999 ± 0.012 $\chi^2/\text{NDF}: 191246.9/47$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 12.094 ± 0.879 χ^2/NDF : 630.1/6

Left Out: -11.837 ± 0.187 χ^2/NDF : 2742.4/23

Right Out: 22.860 ± 0.622 χ^2/NDF : 1351.5/7

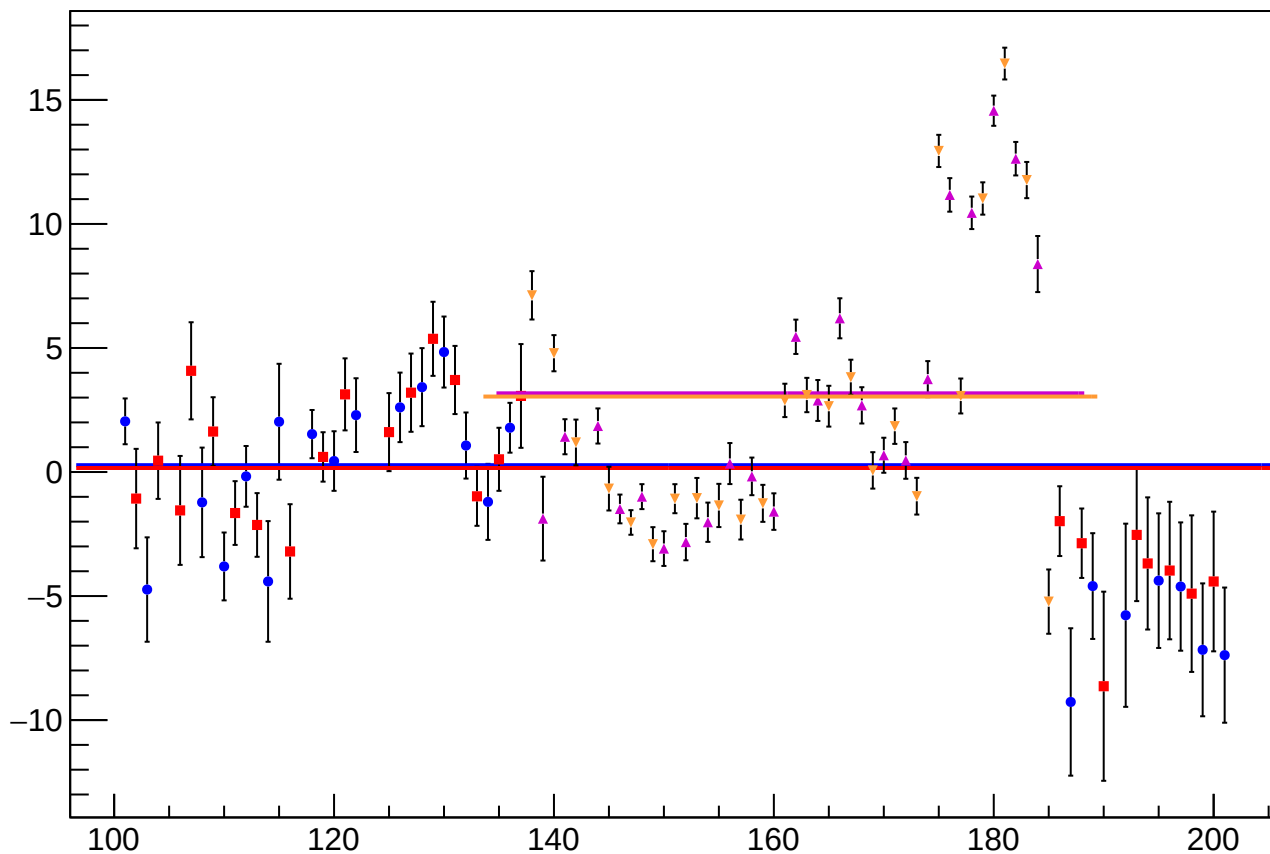
Left In: -11.014 ± 0.187 χ^2/NDF : 2116.6/22

+ sign -10.804 ± 0.183 χ^2/NDF : 4081.4/30

All: -9.477 ± 0.128 χ^2/NDF : 10372.6/61

- sign -8.202 ± 0.179 χ^2/NDF : 6187.8/30

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.276 ± 0.321 $\chi^2/\text{NDF}: 87.5/22$

Left Out: 3.042 ± 0.148 $\chi^2/\text{NDF}: 1452.6/23$

Right Out: 0.162 ± 0.321 $\chi^2/\text{NDF}: 68.0/24$

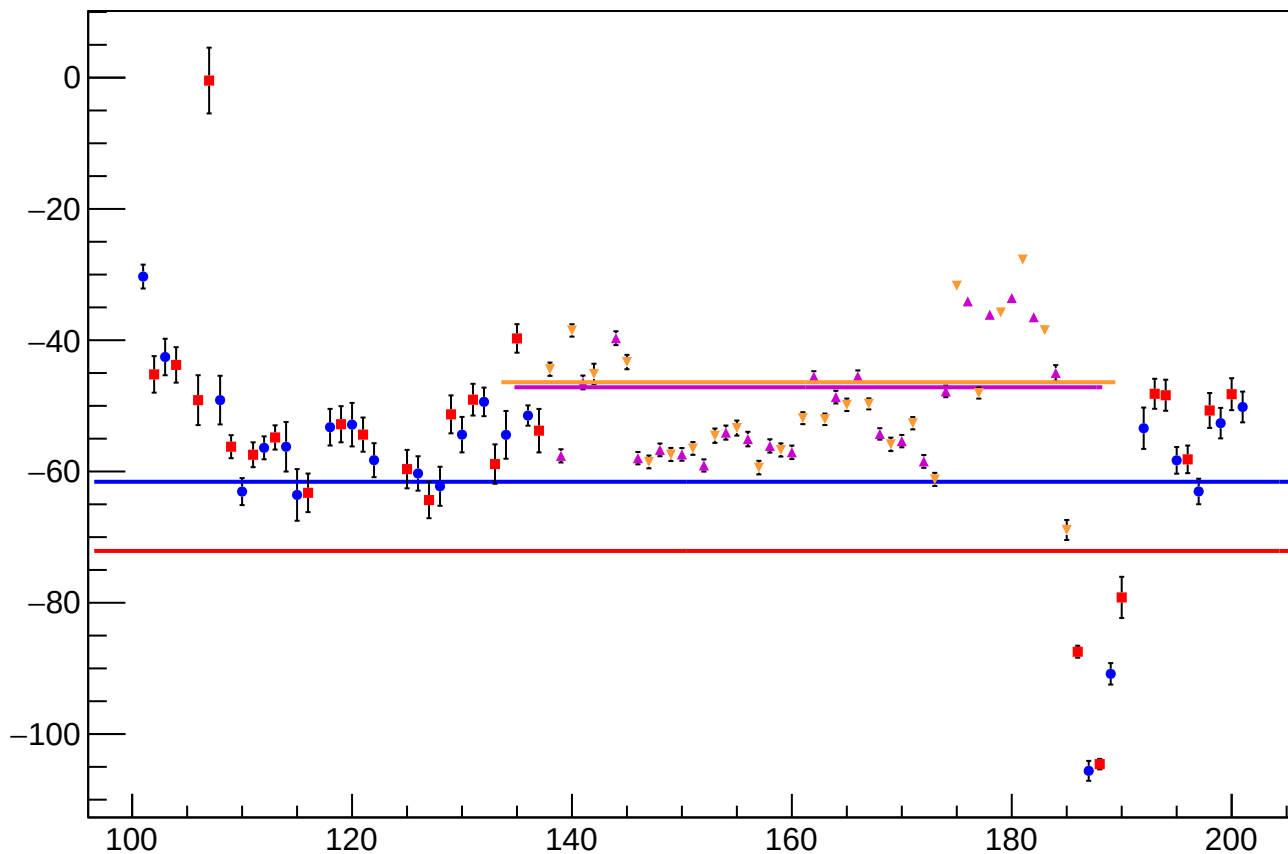
Left In: 3.172 ± 0.150 $\chi^2/\text{NDF}: 1297.9/22$

+ sign 2.558 ± 0.134 $\chi^2/\text{NDF}: 1601.4/46$

All: 2.596 ± 0.095 $\chi^2/\text{NDF}: 3039.7/94$

- sign 2.636 ± 0.136 $\chi^2/\text{NDF}: 1438.1/47$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -61.568 ± 0.474 χ^2/NDF : 1680.0/22

Left Out: -46.398 ± 0.187 χ^2/NDF : 3289.4/23

Right Out: -72.106 ± 0.395 χ^2/NDF : 3580.8/24

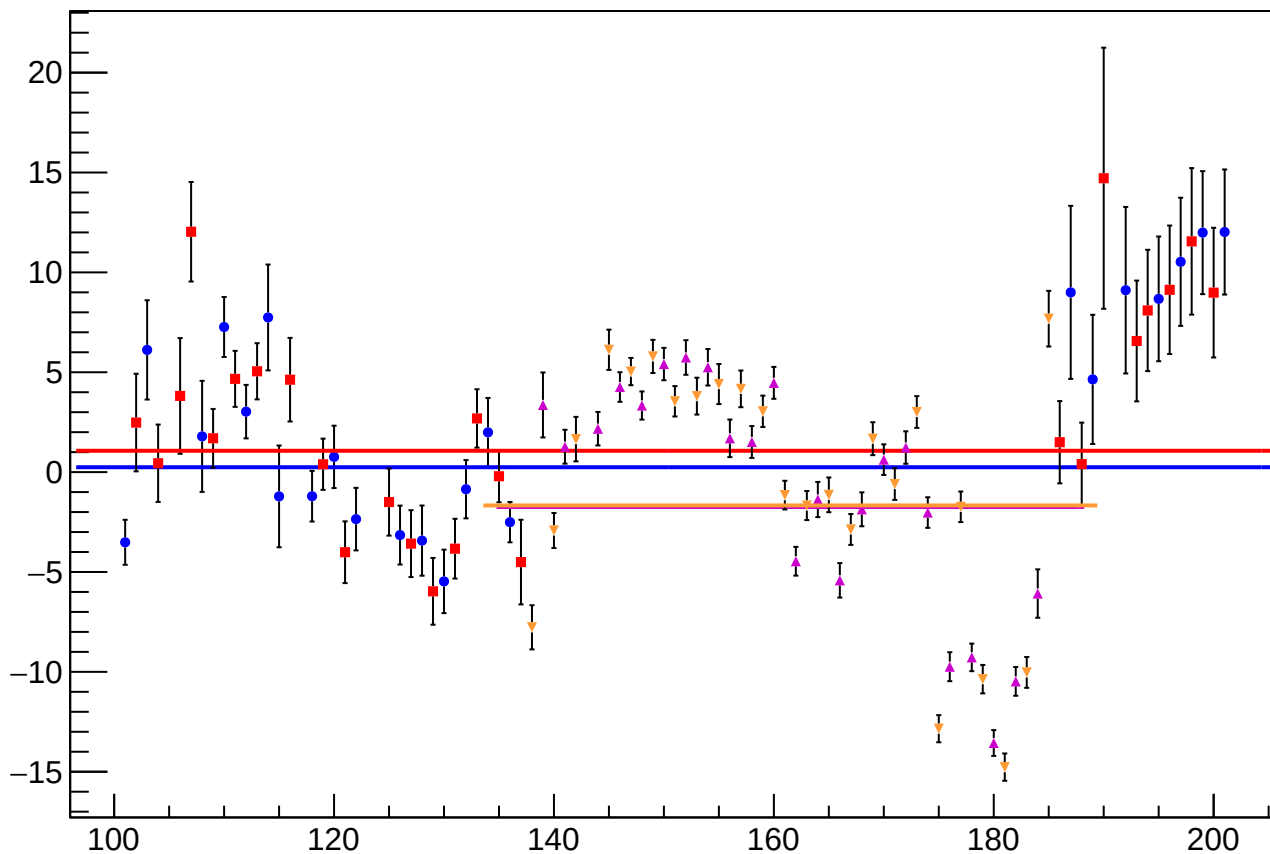
Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

+ sign -48.434 ± 0.174 χ^2/NDF : 5857.2/46

All: -50.120 ± 0.121 χ^2/NDF : 15404.1/94

- sign -51.711 ± 0.169 χ^2/NDF : 9363.6/47

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 0.244 ± 0.368 χ^2/NDF : 144.1/22

Left Out: -1.668 ± 0.167 χ^2/NDF : 1479.3/23

Right Out: 1.069 ± 0.372 χ^2/NDF : 130.6/24

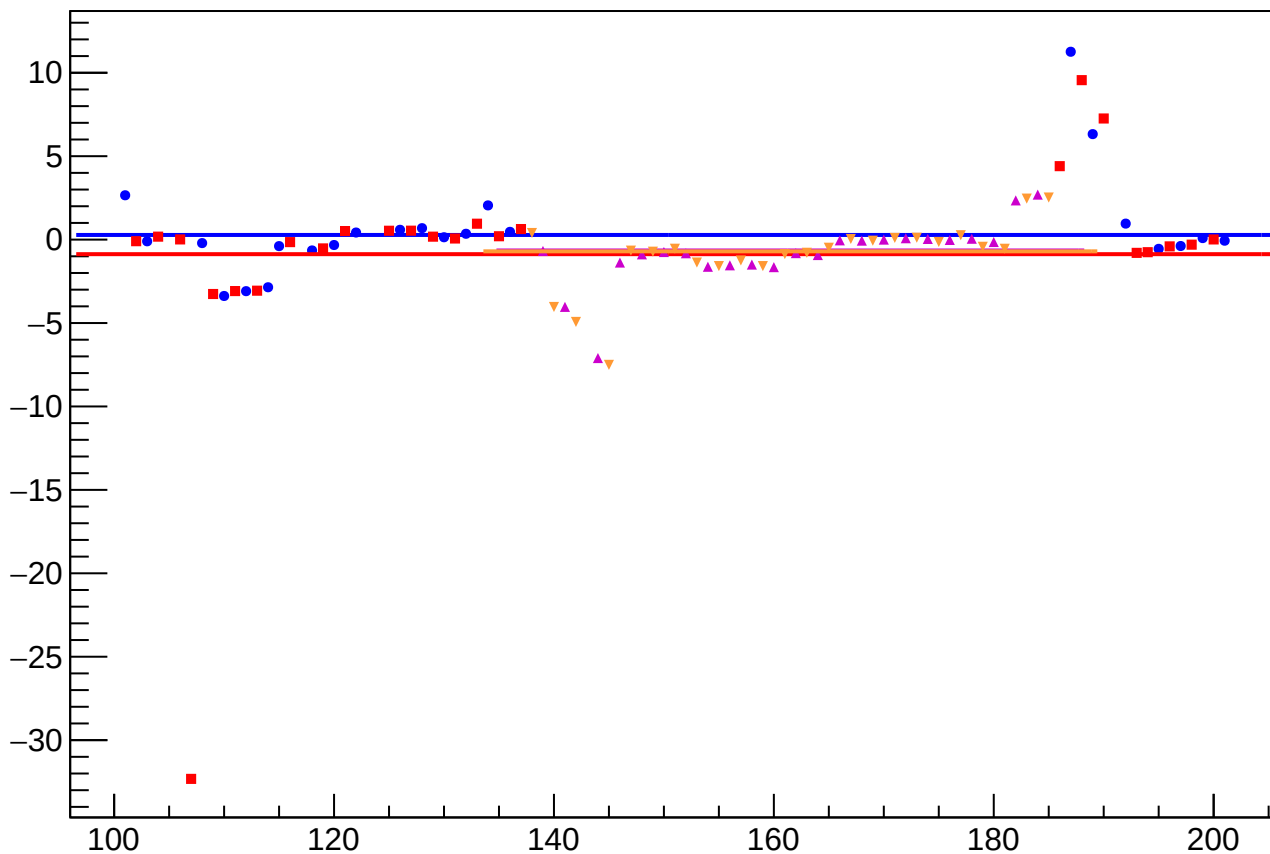
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.341 ± 0.152 χ^2/NDF : 1645.9/46

All: -1.305 ± 0.108 χ^2/NDF : 3078.2/94

- sign -1.268 ± 0.153 χ^2/NDF : 1432.2/47

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.279 ± 0.019 $\chi^2/\text{NDF}: 9453.0/22$

Left Out: -0.703 ± 0.008 $\chi^2/\text{NDF}: 53770.3/23$

Right Out: -0.872 ± 0.019 $\chi^2/\text{NDF}: 92232.9/24$

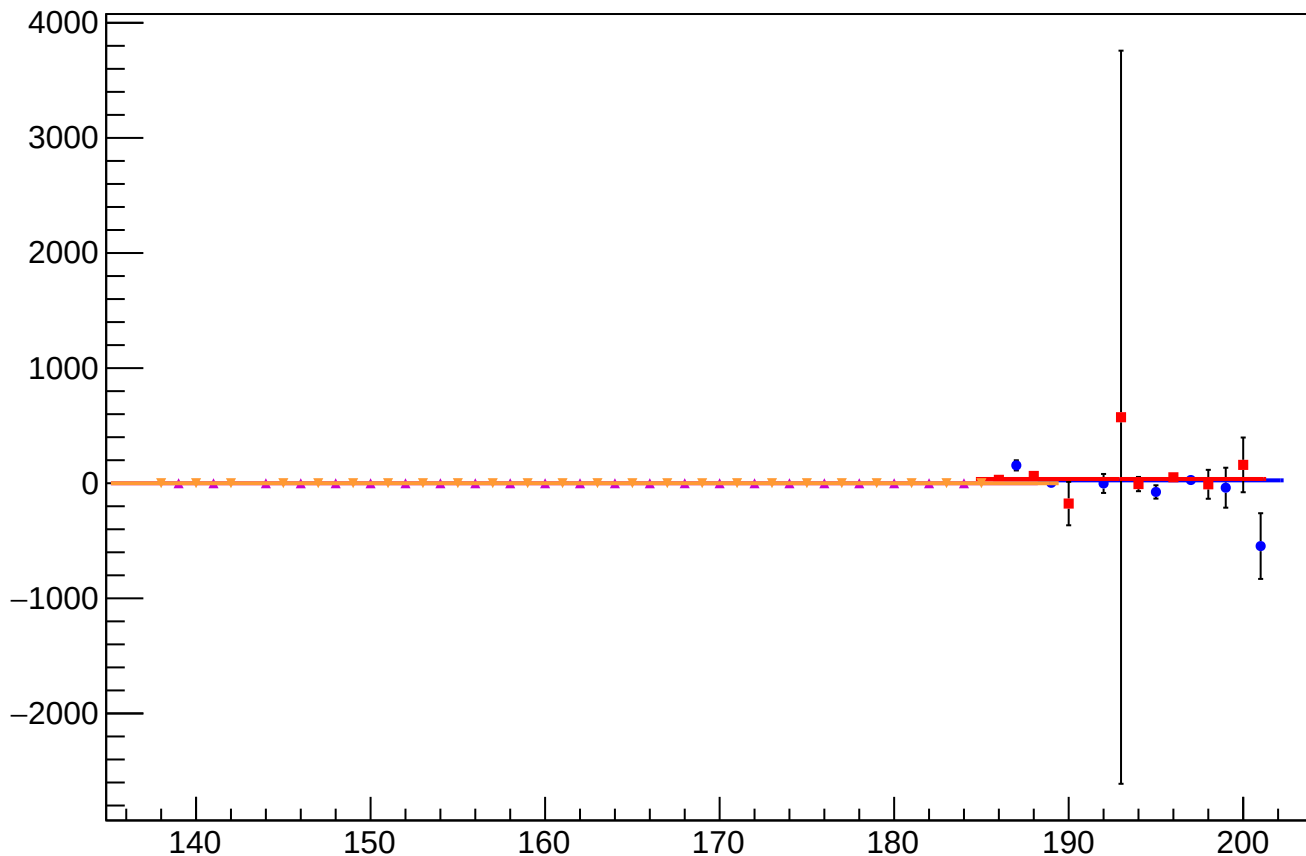
Left In: -0.651 ± 0.008 $\chi^2/\text{NDF}: 44167.1/22$

+ sign -0.567 ± 0.007 $\chi^2/\text{NDF}: 65507.4/46$

All: -0.625 ± 0.005 $\chi^2/\text{NDF}: 202158.0/94$

- sign -0.682 ± 0.007 $\chi^2/\text{NDF}: 136517.3/47$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 25.034+/-19.093 χ^2/NDF : 16.5/6

Left Out: -0.038+/-0.018 χ^2/NDF : 35.6/23

Right Out: 36.943+/-9.970 χ^2/NDF : 4.3/7

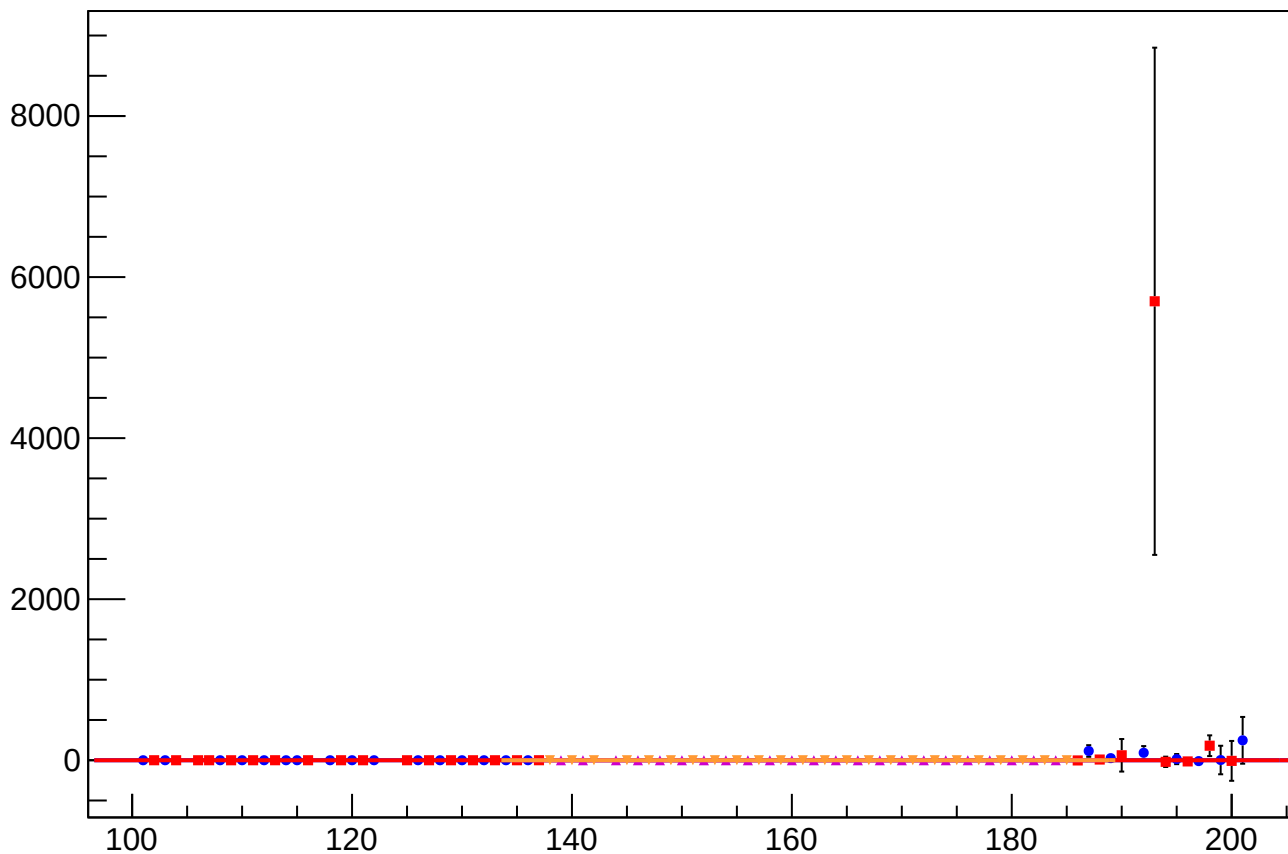
Left In: -0.009+/-0.018 χ^2/NDF : 35.3/22

+ sign -0.038+/-0.018 χ^2/NDF : 53.8/30

All: -0.024+/-0.013 χ^2/NDF : 108.4/61

- sign -0.009+/-0.018 χ^2/NDF : 53.3/30

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 17.5/22

Left Out: -0.073 ± 0.014 χ^2/NDF : 27.8/23

Right Out: -0.092 ± 0.025 χ^2/NDF : 14.8/24

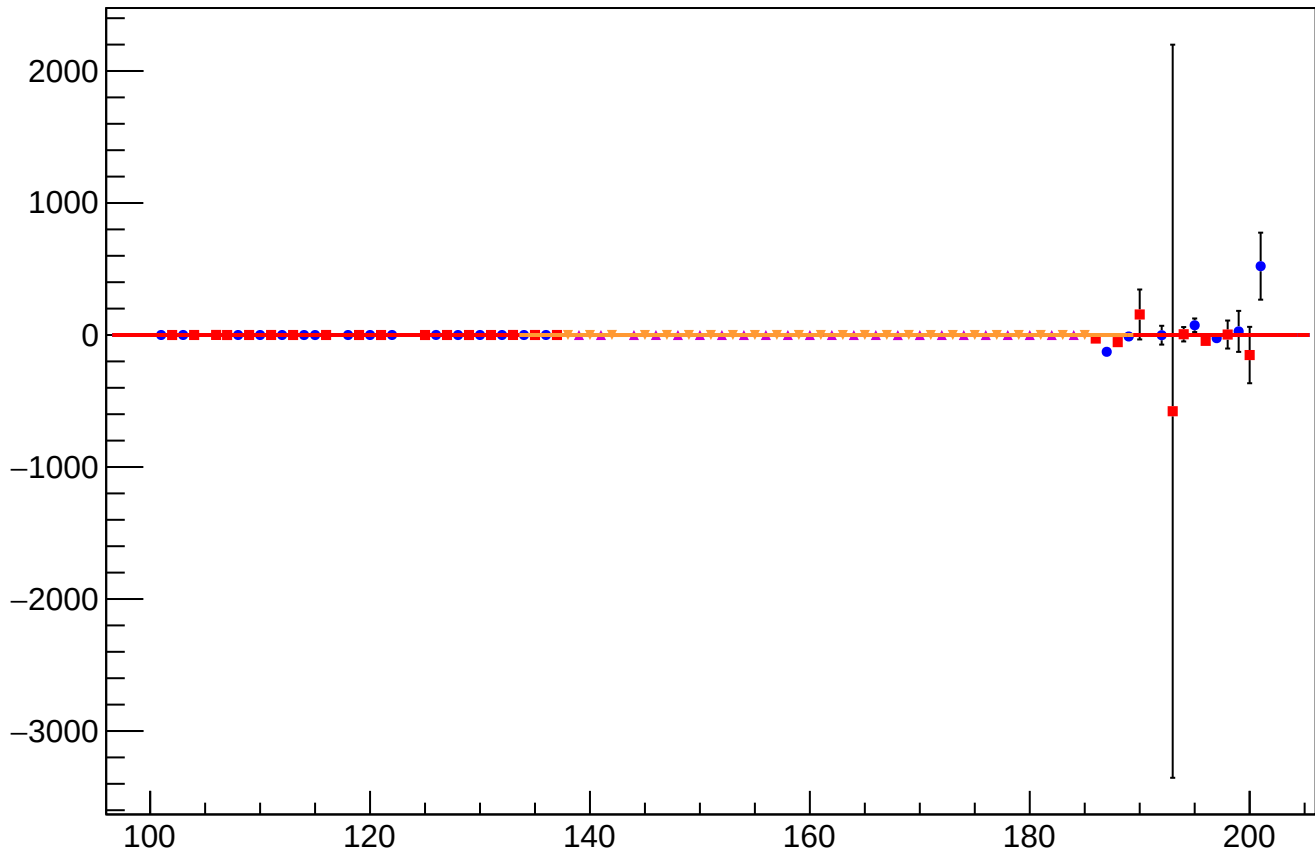
Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

+ sign -0.057 ± 0.012 χ^2/NDF : 50.1/46

All: -0.064 ± 0.009 χ^2/NDF : 107.0/94

- sign -0.072 ± 0.012 χ^2/NDF : 56.1/47

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 29.0/22

Left Out: 0.036 ± 0.018 χ^2/NDF : 32.4/23

Right Out: 0.028 ± 0.045 χ^2/NDF : 28.8/24

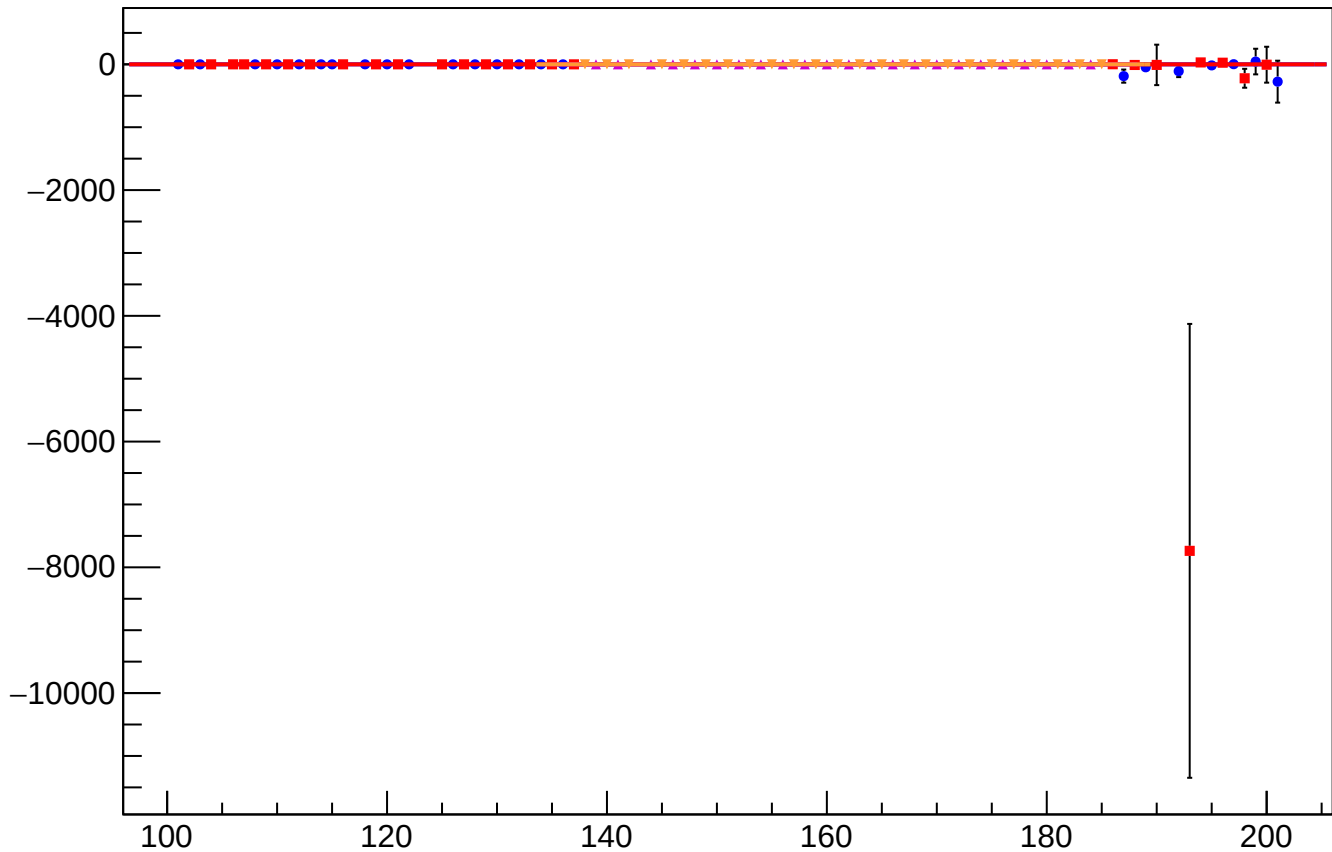
Left In: -0.010 ± 0.018 χ^2/NDF : 37.1/22

+ sign 0.033 ± 0.017 χ^2/NDF : 61.6/46

All: 0.014 ± 0.012 χ^2/NDF : 130.7/94

- sign -0.005 ± 0.017 χ^2/NDF : 66.5/47

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 18.2/22

Left Out: 0.086 $\pm$ 0.016 χ^2 /NDF: 27.8/23

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 15.1/24

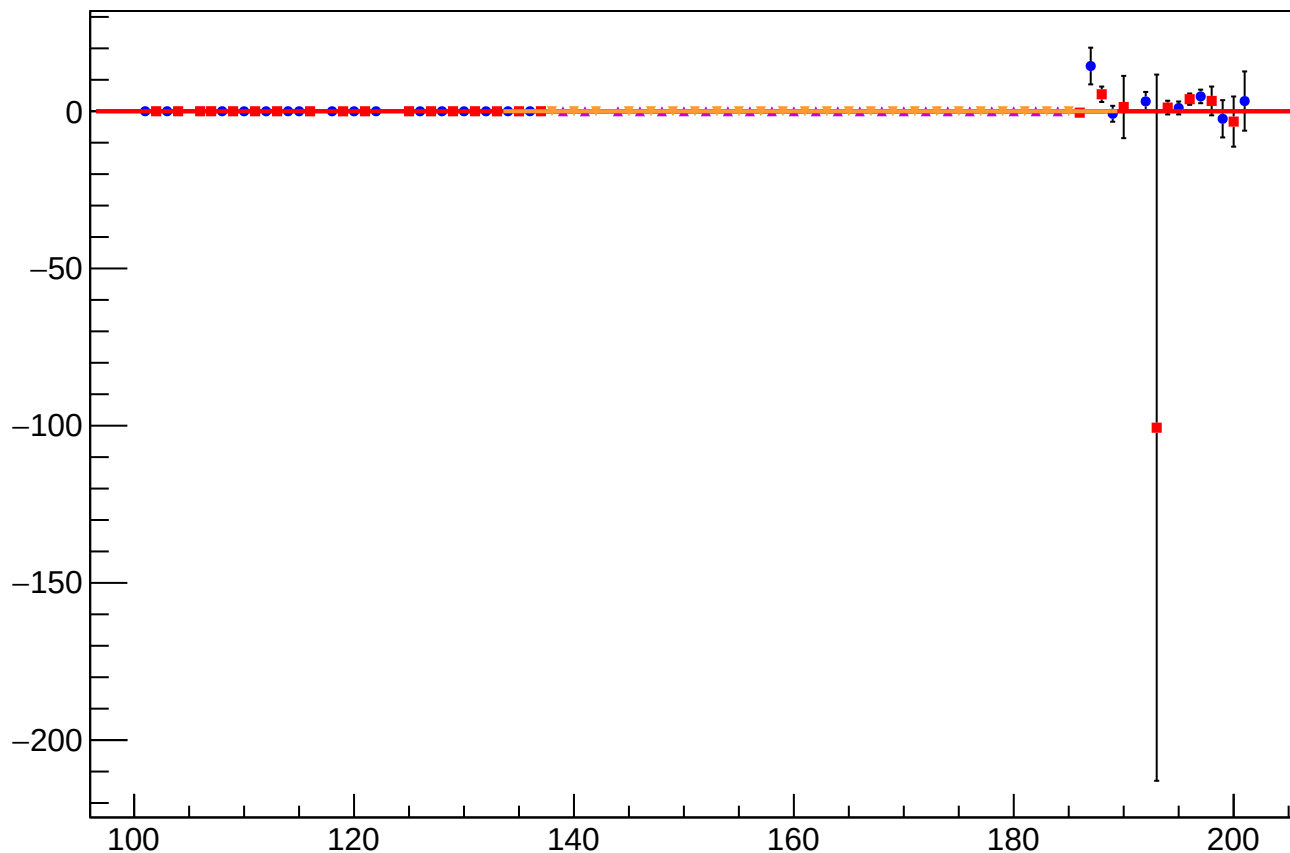
Left In: 0.071 $\pm$ 0.016 χ^2 /NDF: 44.0/22

+ sign 0.065 $\pm$ 0.014 χ^2 /NDF: 52.4/46

All: 0.073 $\pm$ 0.010 χ^2 /NDF: 113.4/94

- sign 0.081 $\pm$ 0.014 χ^2 /NDF: 60.4/47

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 35.2/22

Left Out: 0.000 ± 0.001 χ^2/NDF : 23.9/23

Right Out: -0.004 ± 0.001 χ^2/NDF : 34.9/24

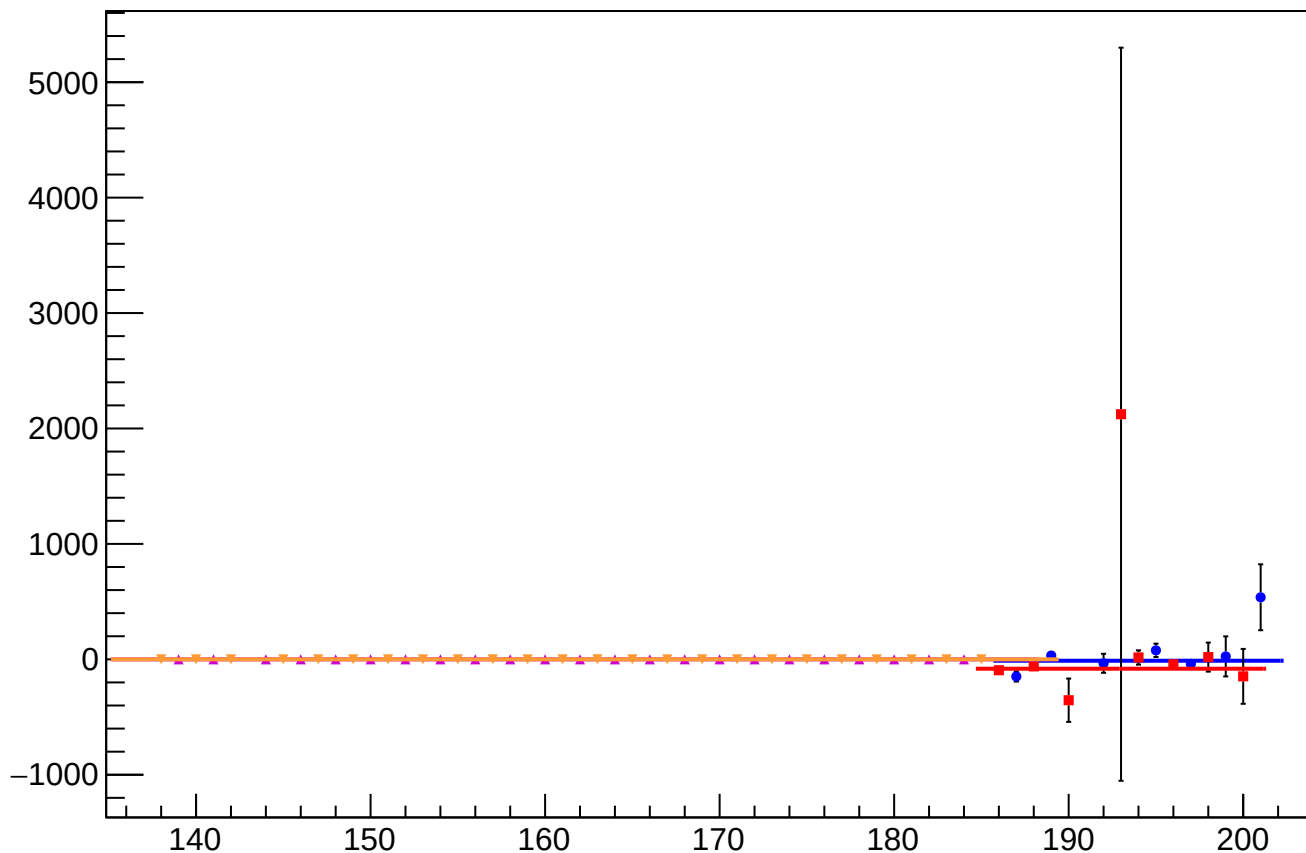
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 72.1/46

All: -0.001 ± 0.000 χ^2/NDF : 136.6/94

- sign -0.001 ± 0.001 χ^2/NDF : 64.5/47

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -12.106 ± 19.080 χ^2/NDF : 18.6/6

Left Out: -0.052 ± 0.018 χ^2/NDF : 37.3/23

Right Out: -81.243 ± 9.973 χ^2/NDF : 8.7/7

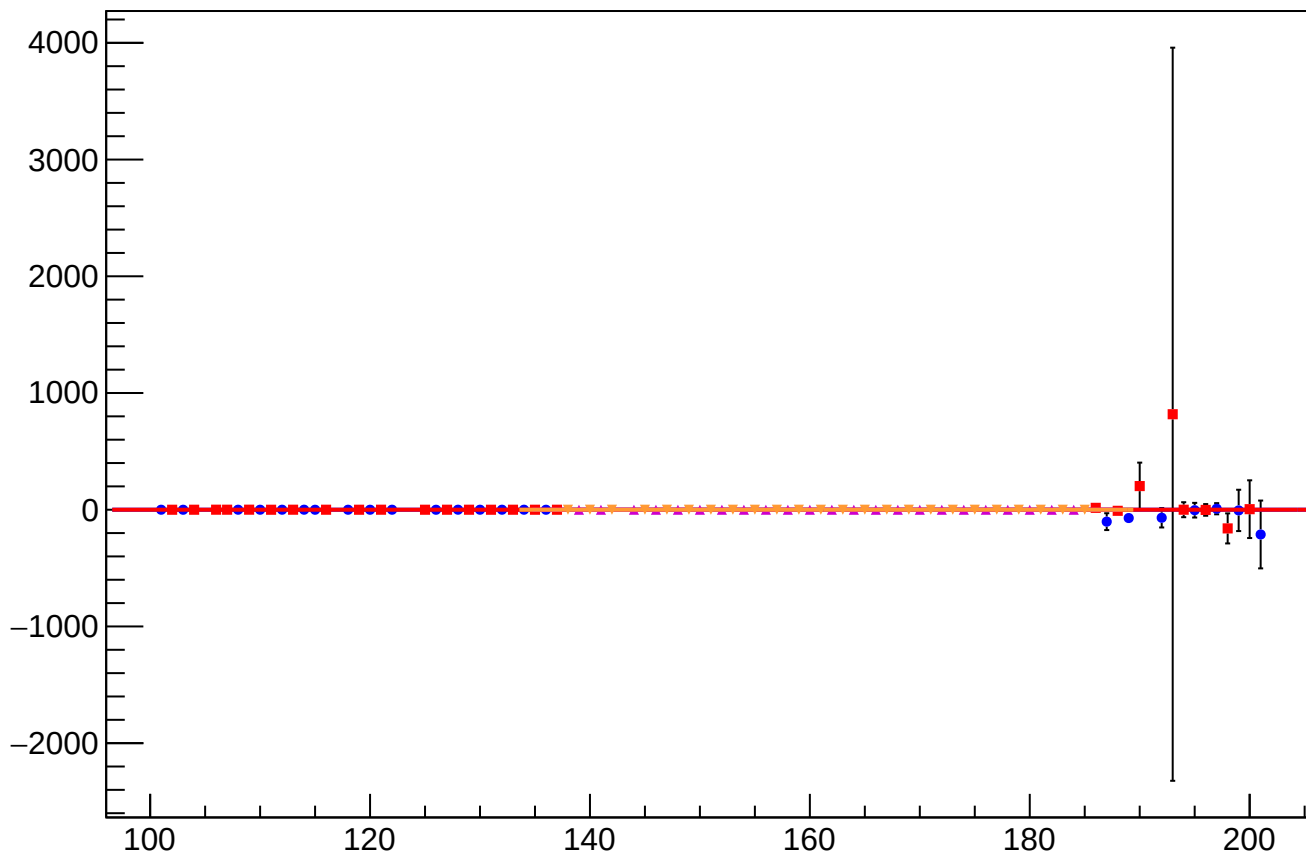
Left In: -0.010 ± 0.018 χ^2/NDF : 33.3/22

+ sign -0.052 ± 0.018 χ^2/NDF : 56.3/30

All: -0.031 ± 0.013 χ^2/NDF : 167.4/61

- sign -0.010 ± 0.018 χ^2/NDF : 108.4/30

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 33.3/22

Left Out: -0.010 $\pm$ 0.014 χ^2 /NDF: 29.5/23

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 31.0/24

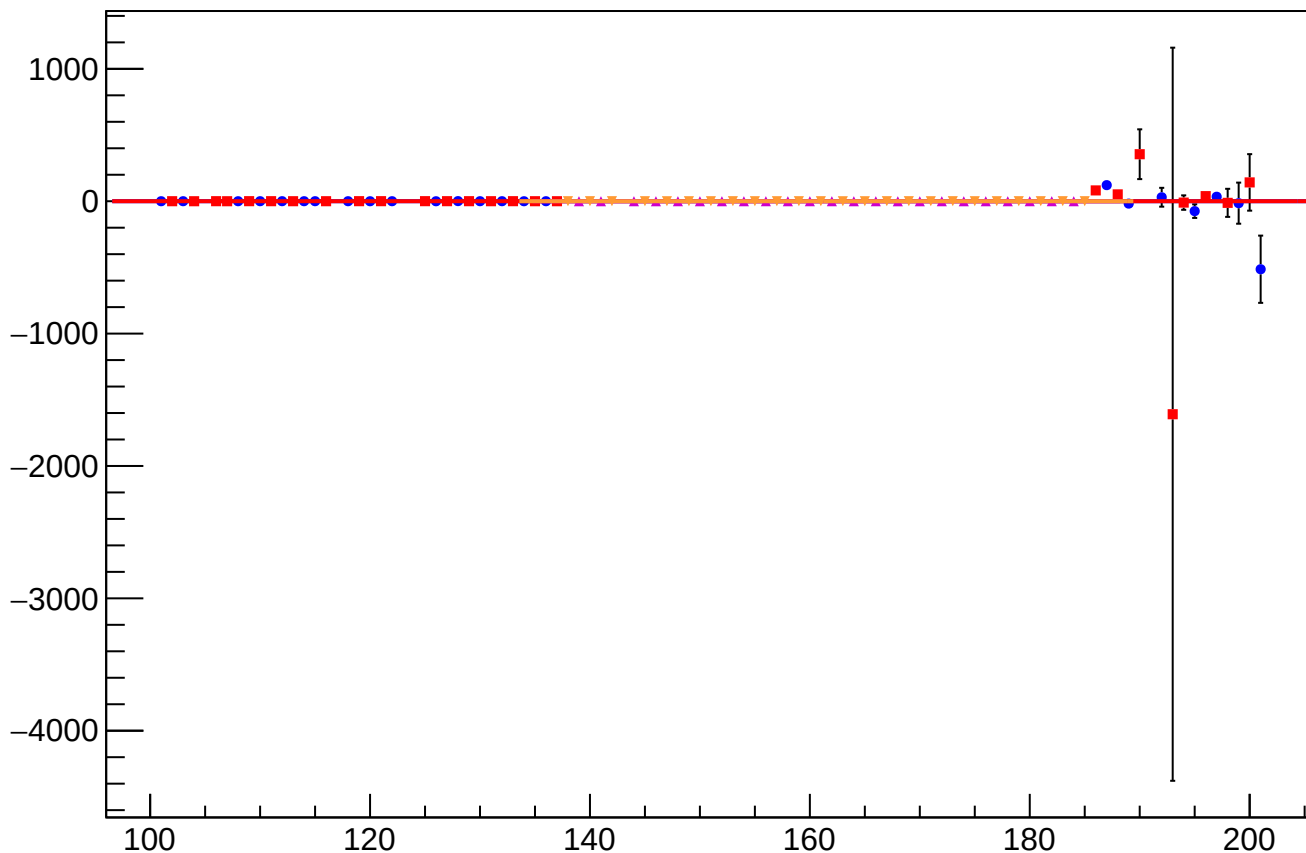
Left In: 0.004 $\pm$ 0.014 χ^2 /NDF: 50.3/22

+ sign -0.005 $\pm$ 0.012 χ^2 /NDF: 63.3/46

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 147.3/94

- sign 0.013 $\pm$ 0.012 χ^2 /NDF: 82.9/47

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 47.9/22

Left Out: 0.048 $\pm$ 0.018 χ^2 /NDF:35.4/23

Right Out: 0.204 $\pm$ 0.045 χ^2 /NDF: 97.0/24

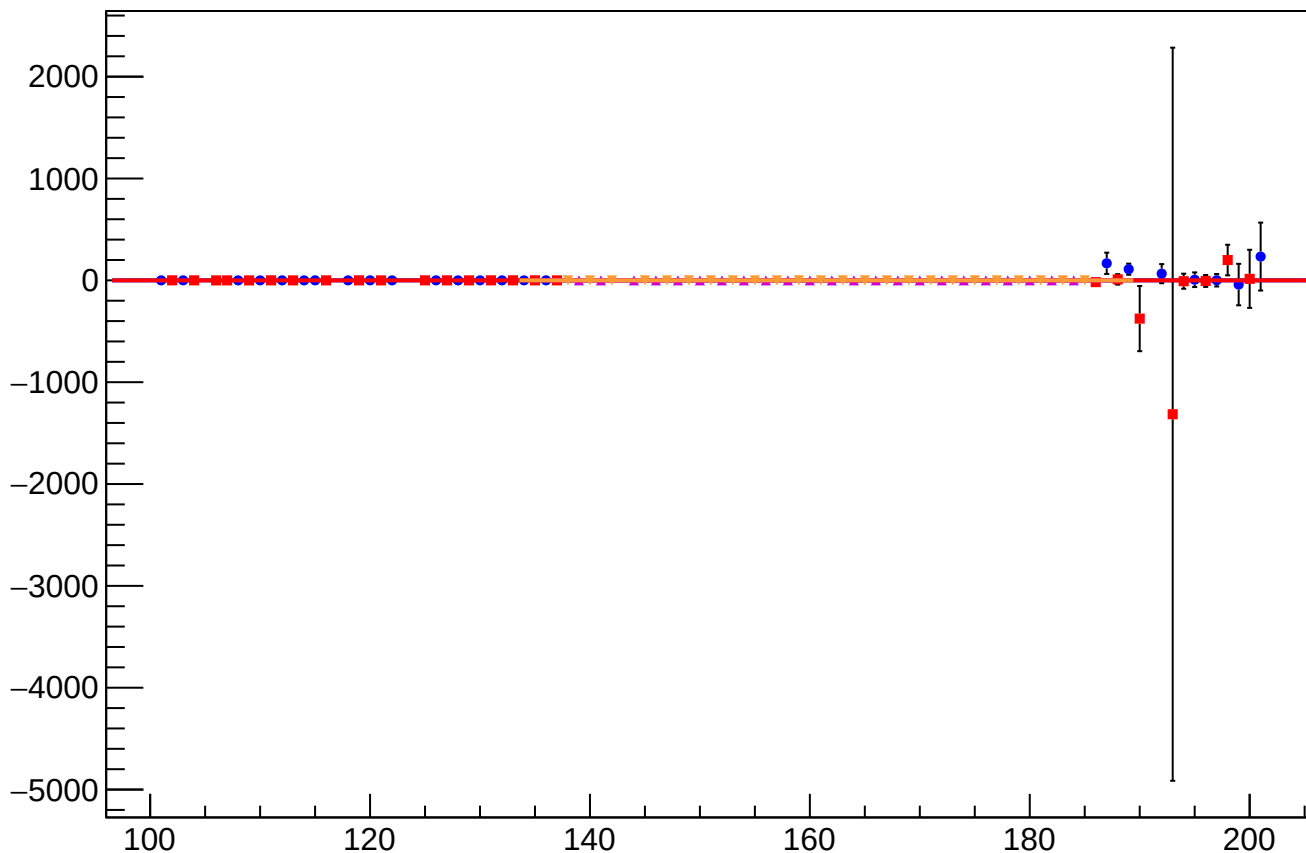
Left In: 0.021 $\pm$ 0.018 χ^2 /NDF:34.0/22

+ sign 0.063 $\pm$ 0.017 χ^2 /NDF: 88.4/46

All: 0.055 $\pm$ 0.012 χ^2 /NDF: 234.0/94

- sign 0.046 $\pm$ 0.017 χ^2 /NDF: 145.1/47

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 32.8/22

Left Out: 0.021 ± 0.016 χ^2/NDF : 33.2/23

Right Out: -0.050 ± 0.029 χ^2/NDF : 29.0/24

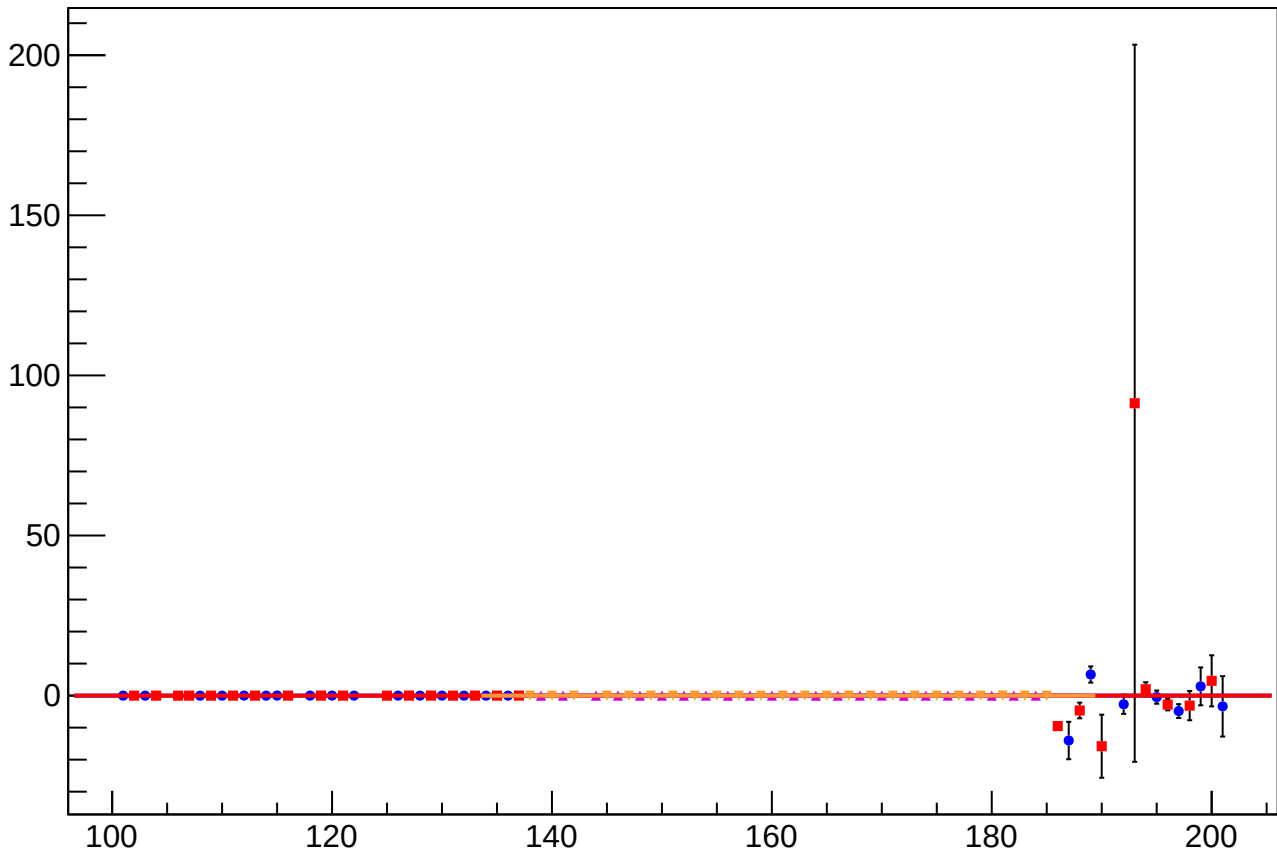
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 67.2/46

All: 0.003 ± 0.010 χ^2/NDF : 150.7/94

- sign -0.007 ± 0.014 χ^2/NDF : 82.7/47

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 47.7/22

Left Out: -0.008 ± 0.001 χ^2/NDF : 31.9/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 68.7/24

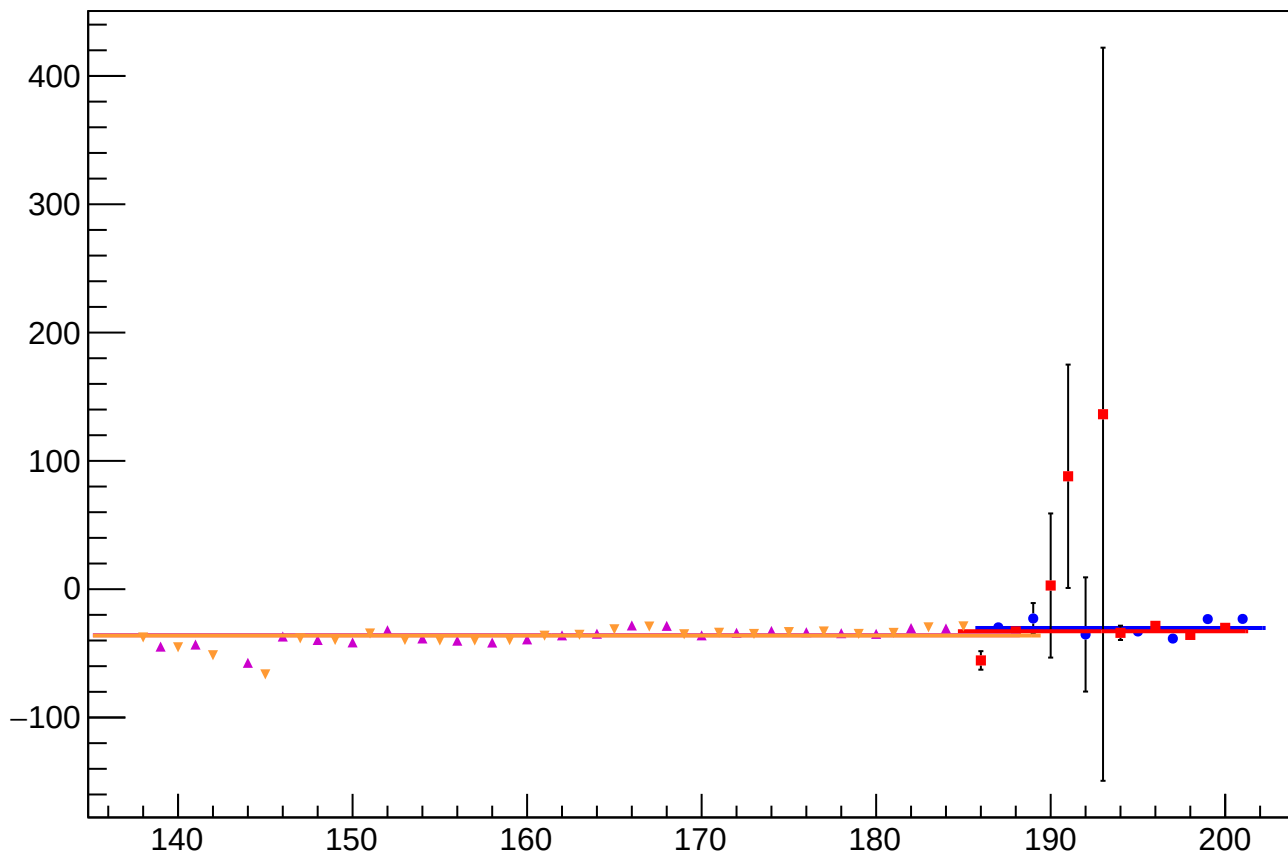
Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

+ sign -0.008 ± 0.001 χ^2/NDF : 81.4/46

All: -0.008 ± 0.000 χ^2/NDF : 192.2/94

- sign -0.008 ± 0.001 χ^2/NDF : 110.5/47

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -30.241 $\pm$ 1.149 χ^2/NDF : 20.4/6

Left Out: -36.110 $\pm$ 0.192 χ^2/NDF : 1118.4/23

Right Out: -32.782 $\pm$ 0.963 χ^2/NDF : 16.2/8

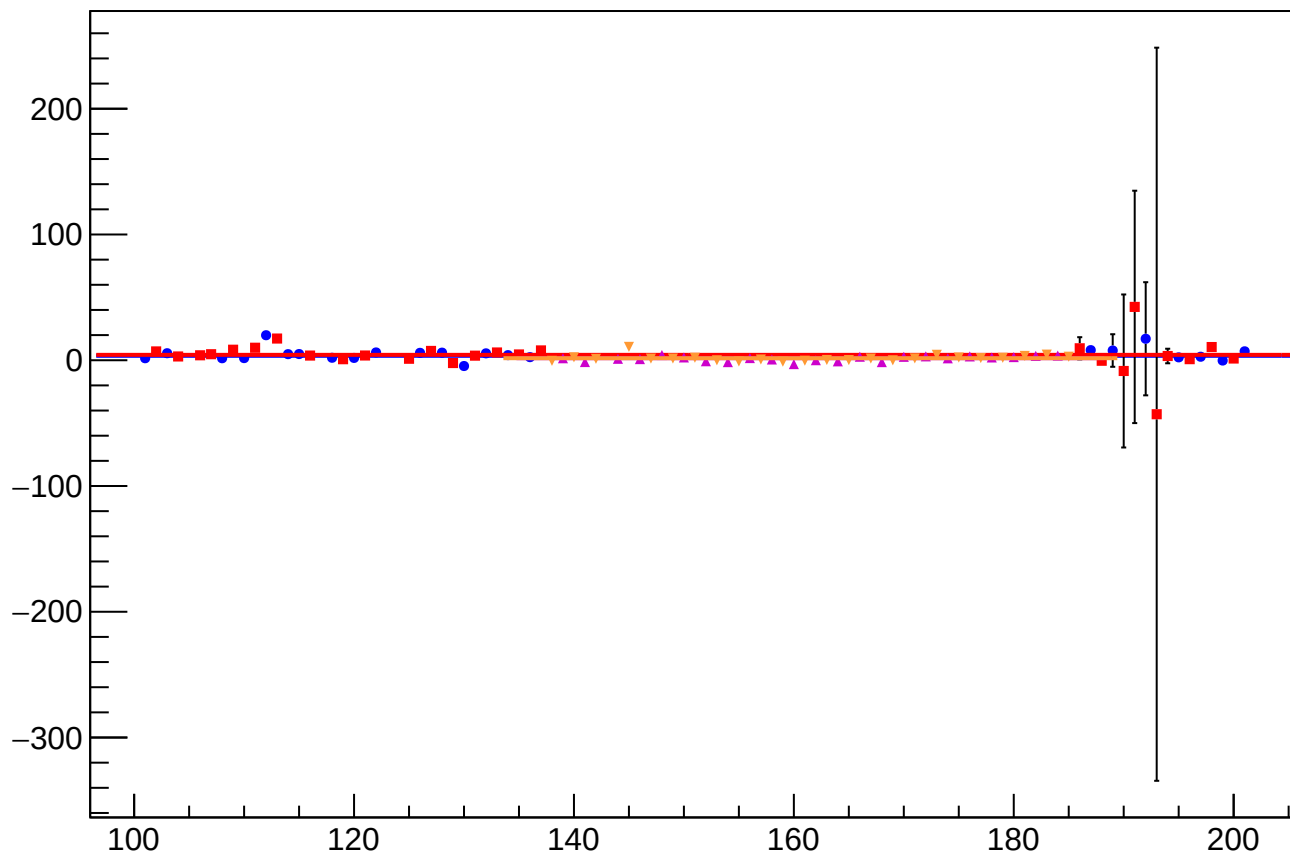
Left In: -35.869 $\pm$ 0.191 χ^2/NDF : 887.1/22

+ sign -35.951 $\pm$ 0.189 χ^2/NDF : 1164.2/30

All: -35.851 $\pm$ 0.133 χ^2/NDF : 2078.0/62

- sign -35.753 $\pm$ 0.187 χ^2/NDF : 913.2/31

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.542 $\pm$ 0.215 χ^2 /NDF: 451.6/22

Left Out: 1.632 $\pm$ 0.148 χ^2 /NDF: 166.7/23

Right Out: 4.292 $\pm$ 0.222 χ^2 /NDF: 363.1/25

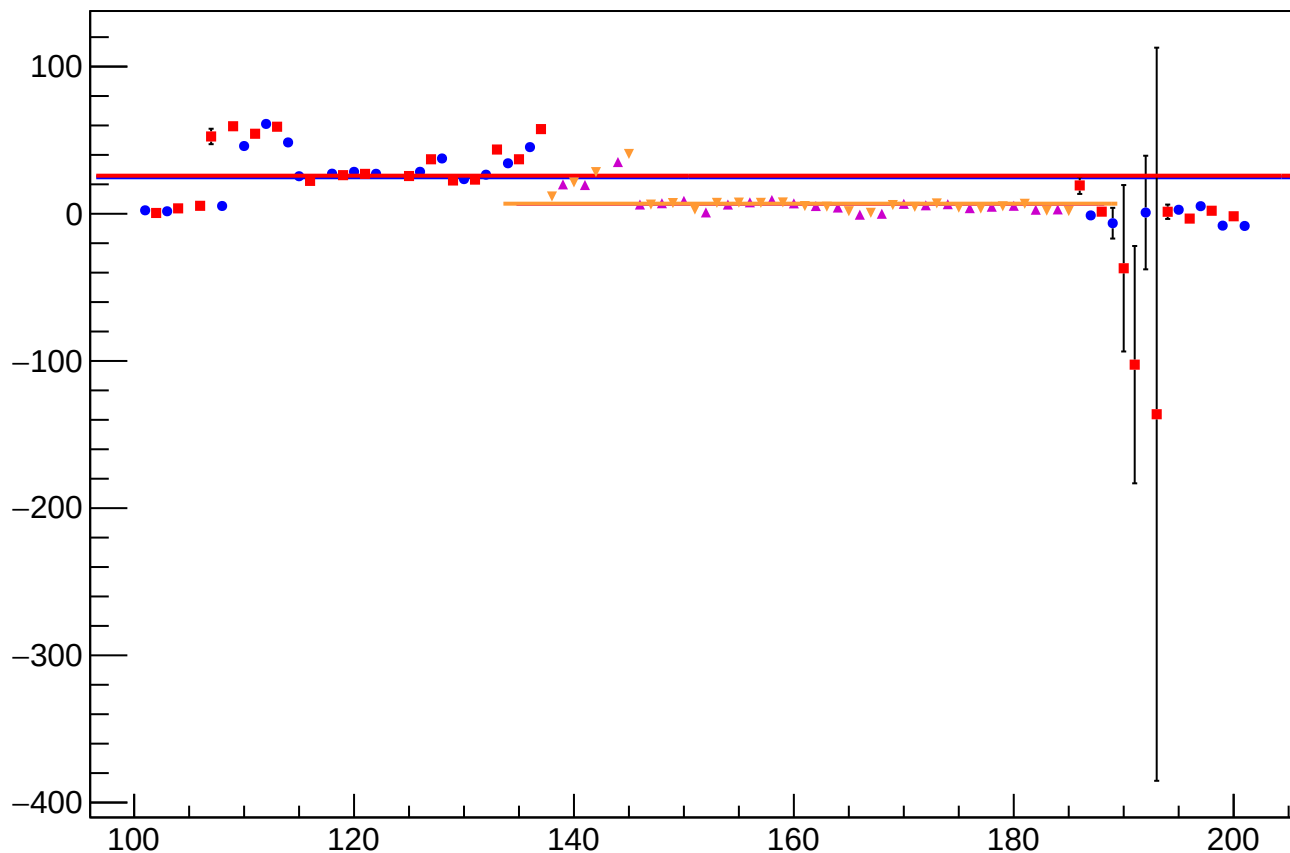
Left In: 1.646 $\pm$ 0.149 χ^2 /NDF: 164.1/22

+ sign 2.246 $\pm$ 0.122 χ^2 /NDF: 672.0/46

All: 2.355 $\pm$ 0.087 χ^2 /NDF: 1298.6/95

- sign 2.468 $\pm$ 0.124 χ^2 /NDF: 625.0/48

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 24.800 ± 0.383 $\chi^2/\text{NDF}: 2346.1/22$

Left Out: 6.855 ± 0.191 $\chi^2/\text{NDF}: 1298.7/23$

Right Out: 25.877 ± 0.374 $\chi^2/\text{NDF}: 2897.3/25$

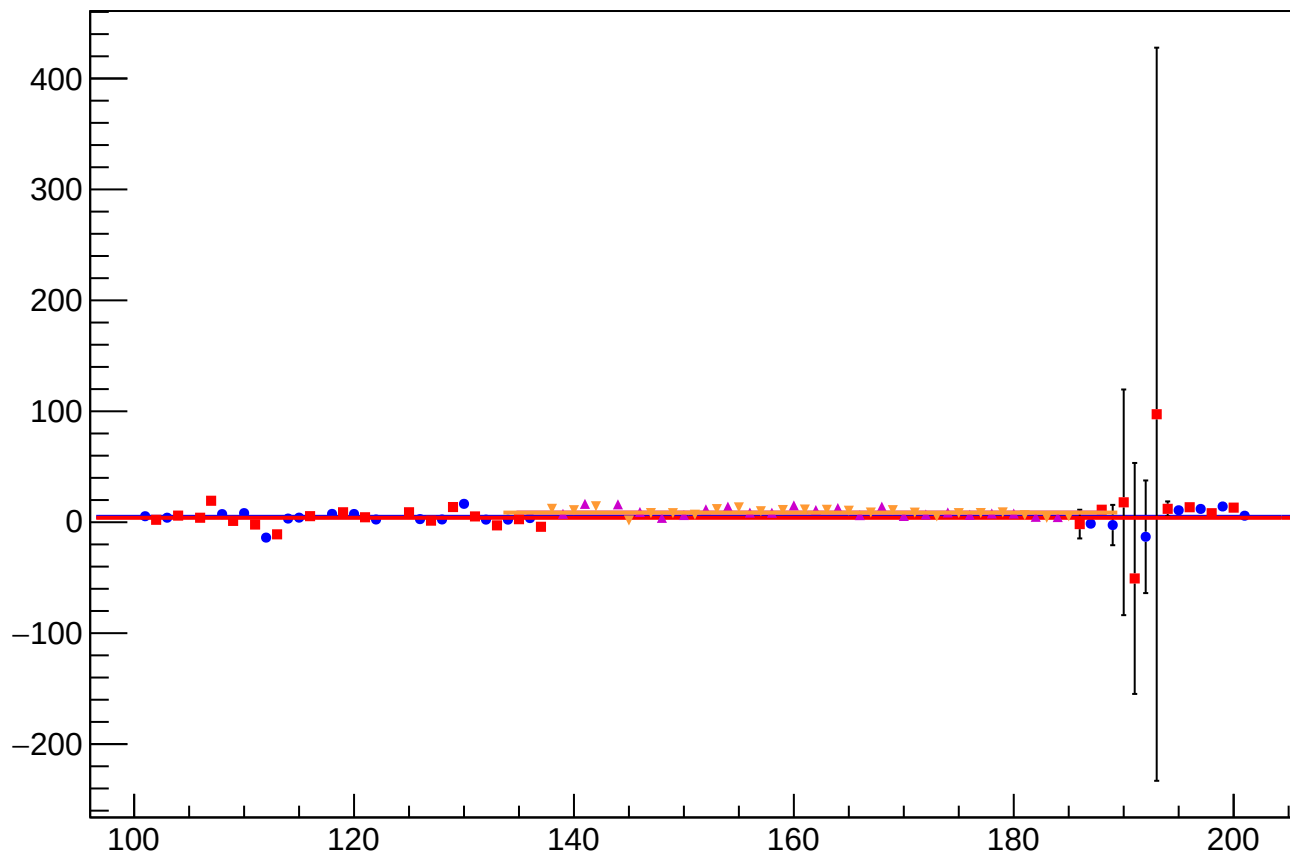
Left In: 6.639 ± 0.190 $\chi^2/\text{NDF}: 1077.2/22$

+ sign 10.442 ± 0.171 $\chi^2/\text{NDF}: 5402.2/46$

All: 10.515 ± 0.120 $\chi^2/\text{NDF}: 11485.5/95$

- sign 10.586 ± 0.169 $\chi^2/\text{NDF}: 6082.9/48$

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.876+/-0.249 χ^2/NDF : 569.2/22

Left Out: 8.697+/-0.169 χ^2/NDF : 241.1/23

Right Out: 3.992+/-0.256 χ^2/NDF : 588.6/25

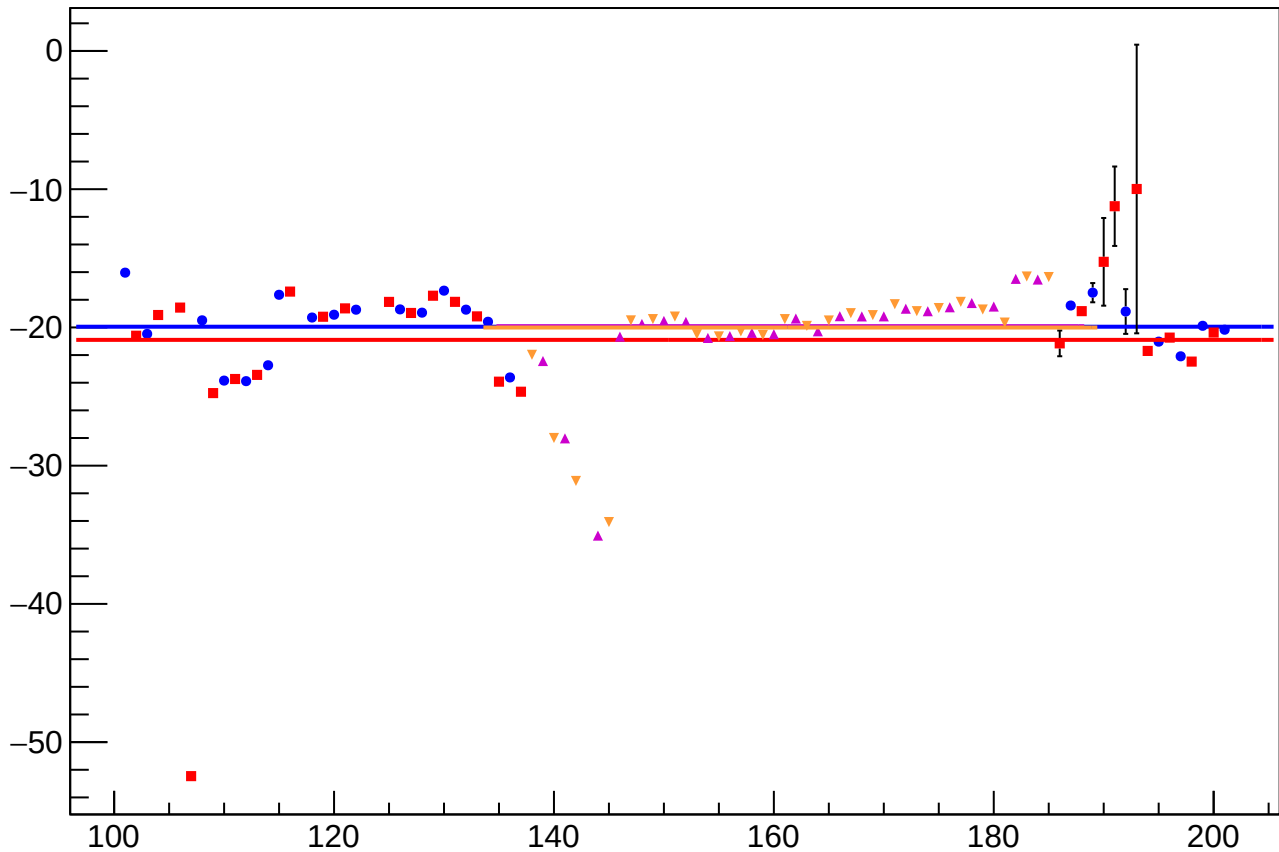
Left In: 8.659+/-0.170 χ^2/NDF : 438.0/22

+ sign 7.490+/-0.140 χ^2/NDF : 972.0/46

All: 7.363+/-0.099 χ^2/NDF : 2231.2/95

- sign 7.234+/-0.141 χ^2/NDF : 1257.6/48

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.948 ± 0.015 χ^2/NDF : 26556.4/22

Left Out: -20.007 ± 0.008 χ^2/NDF : 171647.2/23

Right Out: -20.900 ± 0.015 χ^2/NDF : 93188.3/25

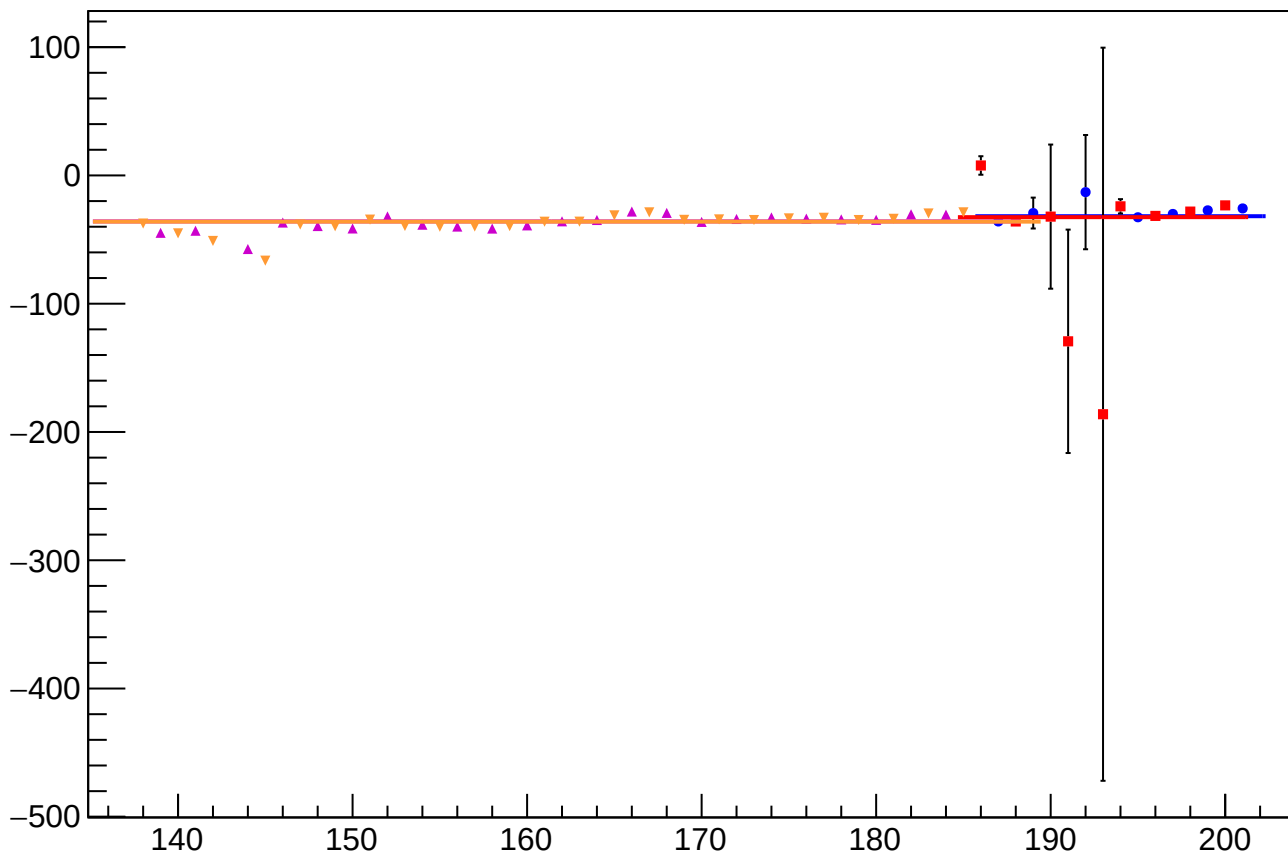
Left In: -19.912 ± 0.008 χ^2/NDF : 145487.3/22

+ sign -19.994 ± 0.007 χ^2/NDF : 198215.6/46

All: -20.057 ± 0.005 χ^2/NDF : 440400.3/95

- sign -20.119 ± 0.007 χ^2/NDF : 242023.7/48

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -31.789 ± 1.153 $\chi^2/\text{NDF}: 10.9/6$

Left Out: -36.019 ± 0.192 $\chi^2/\text{NDF}: 1125.4/23$

Right Out: -32.535 ± 0.966 $\chi^2/\text{NDF}: 52.9/8$

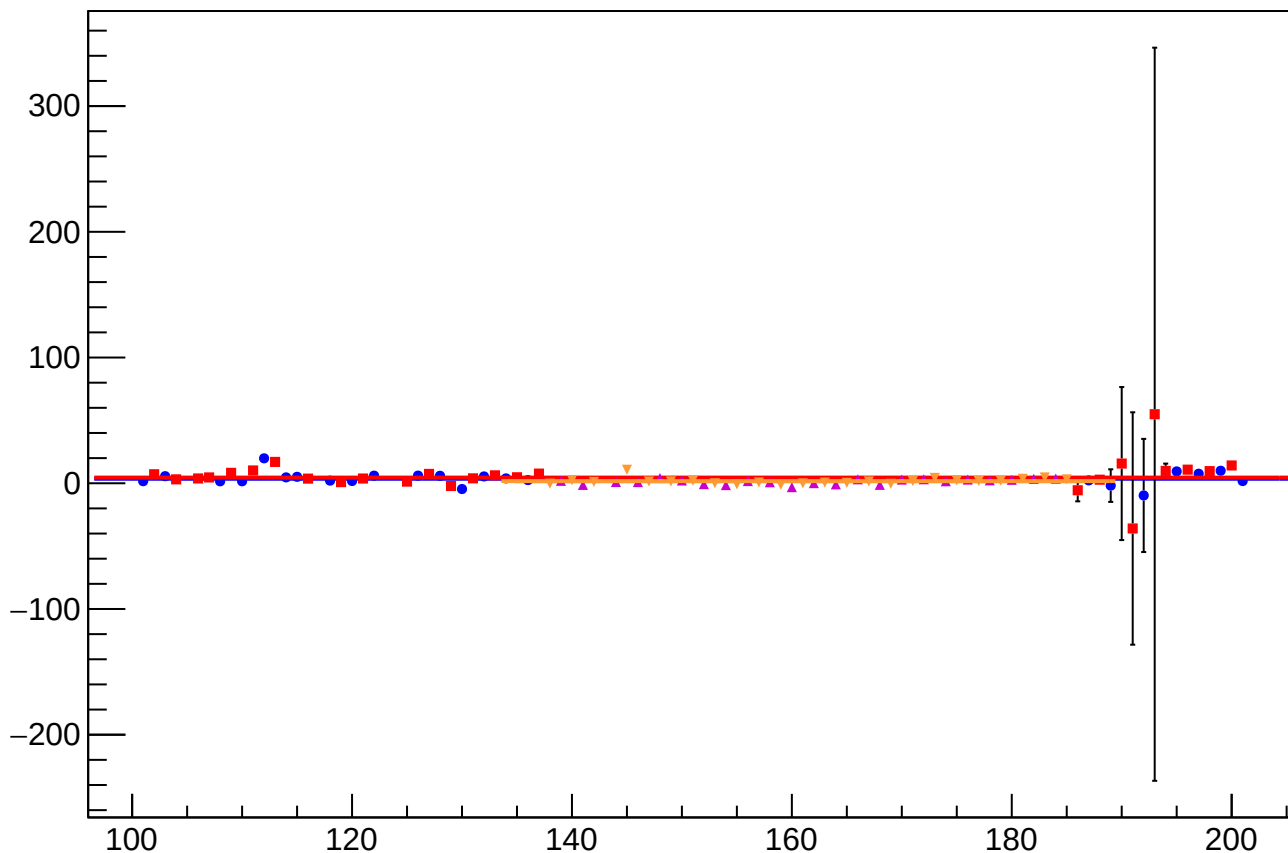
Left In: -35.856 ± 0.191 $\chi^2/\text{NDF}: 875.9/22$

+ sign -35.905 ± 0.189 $\chi^2/\text{NDF}: 1149.4/30$

All: -35.817 ± 0.133 $\chi^2/\text{NDF}: 2090.0/62$

- sign -35.731 ± 0.187 $\chi^2/\text{NDF}: 940.2/31$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.595 ± 0.215 χ^2/NDF : 453.1/22

Left Out: 1.721 ± 0.148 χ^2/NDF : 168.3/23

Right Out: 4.502 ± 0.222 χ^2/NDF : 361.1/25

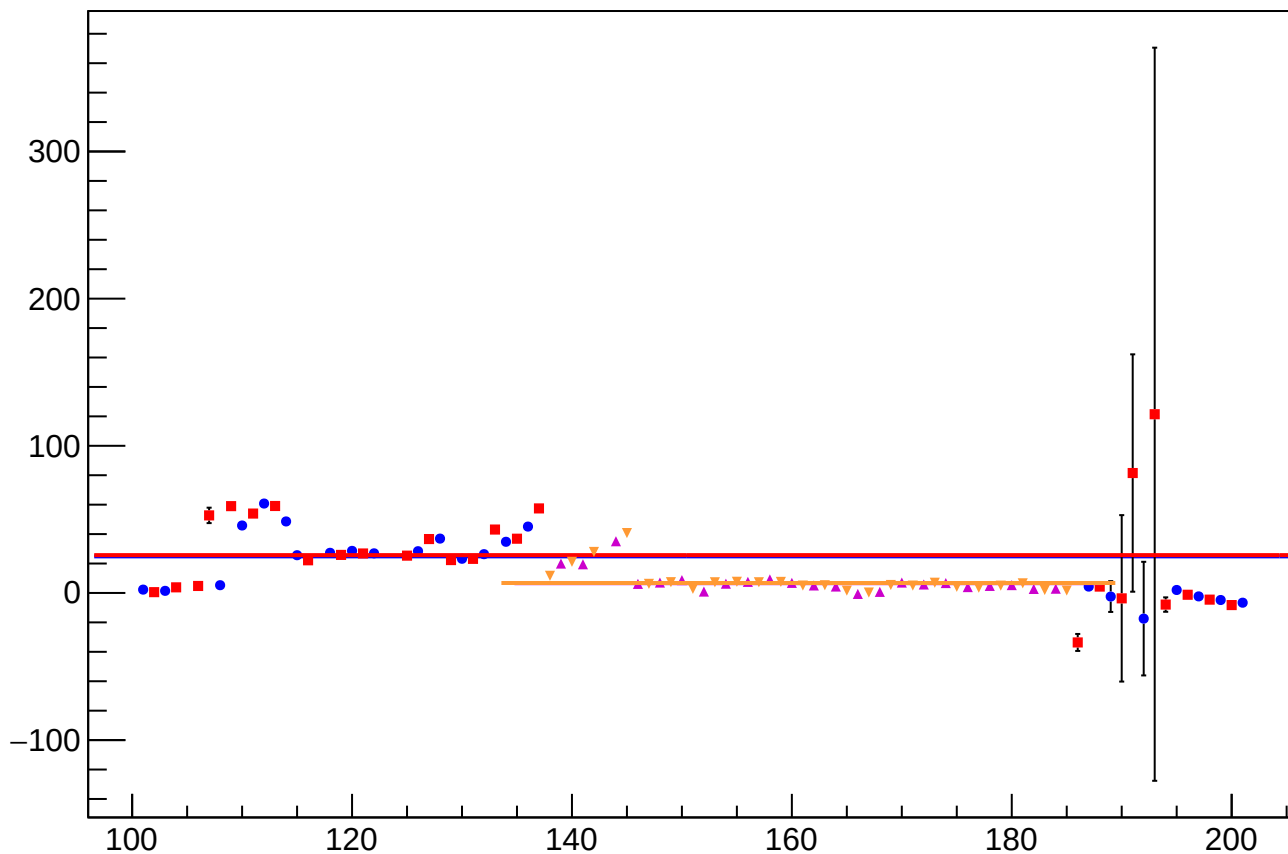
Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.323 ± 0.122 χ^2/NDF : 673.1/46

All: 2.449 ± 0.087 χ^2/NDF : 1309.3/95

- sign 2.579 ± 0.124 χ^2/NDF : 634.0/48

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 24.859 ± 0.383 χ^2/NDF : 2263.0/22

Left Out: 6.767 ± 0.191 χ^2/NDF : 1301.2/23

Right Out: 25.708 ± 0.374 χ^2/NDF : 2914.1/25

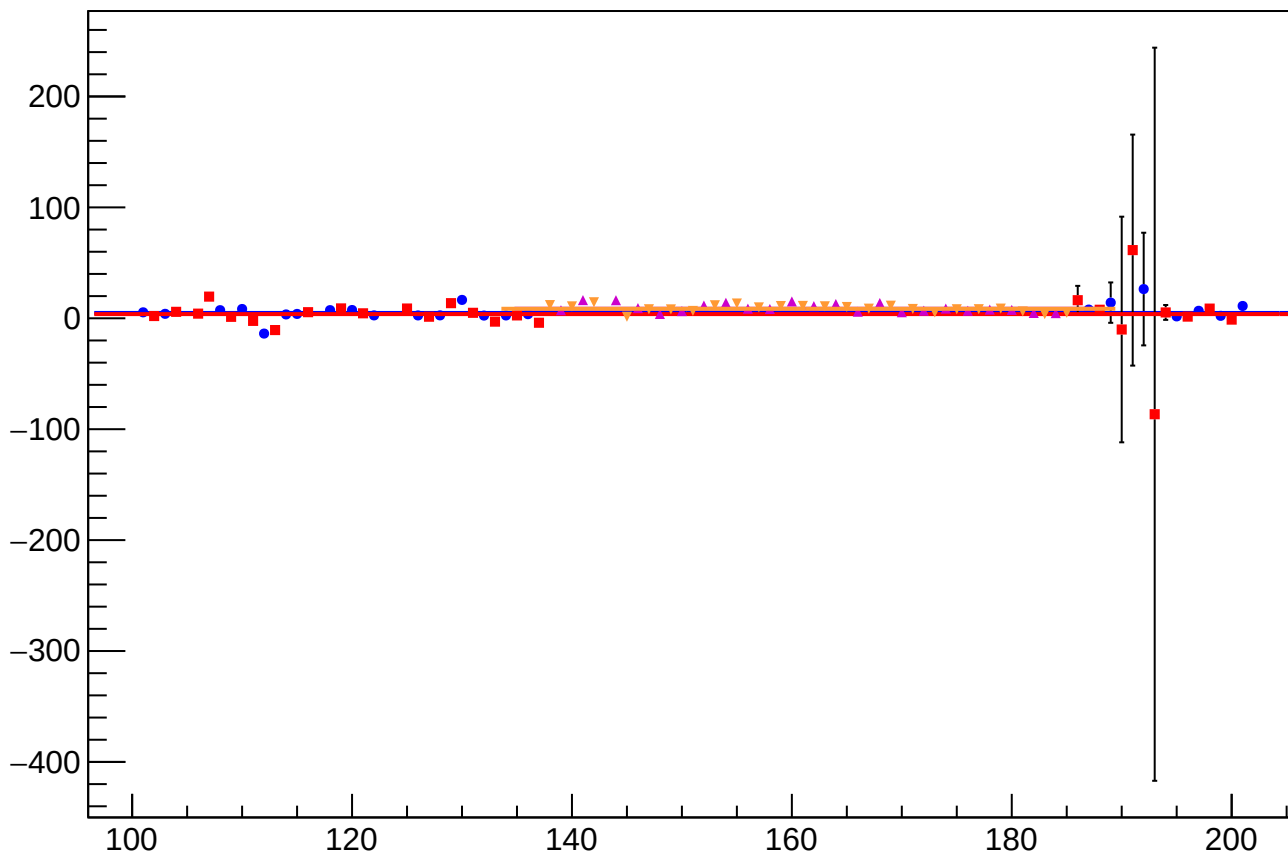
Left In: 6.635 ± 0.190 χ^2/NDF : 1070.4/22

+ sign 10.380 ± 0.171 χ^2/NDF : 5351.2/46

All: 10.463 ± 0.120 χ^2/NDF : 11408.8/95

- sign 10.543 ± 0.169 χ^2/NDF : 6057.1/48

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.815 $\pm$ 0.248 χ^2 /NDF: 554.9/22

Left Out: 8.588 $\pm$ 0.169 χ^2 /NDF: 245.6/23

Right Out: 3.774 $\pm$ 0.256 χ^2 /NDF: 569.8/25

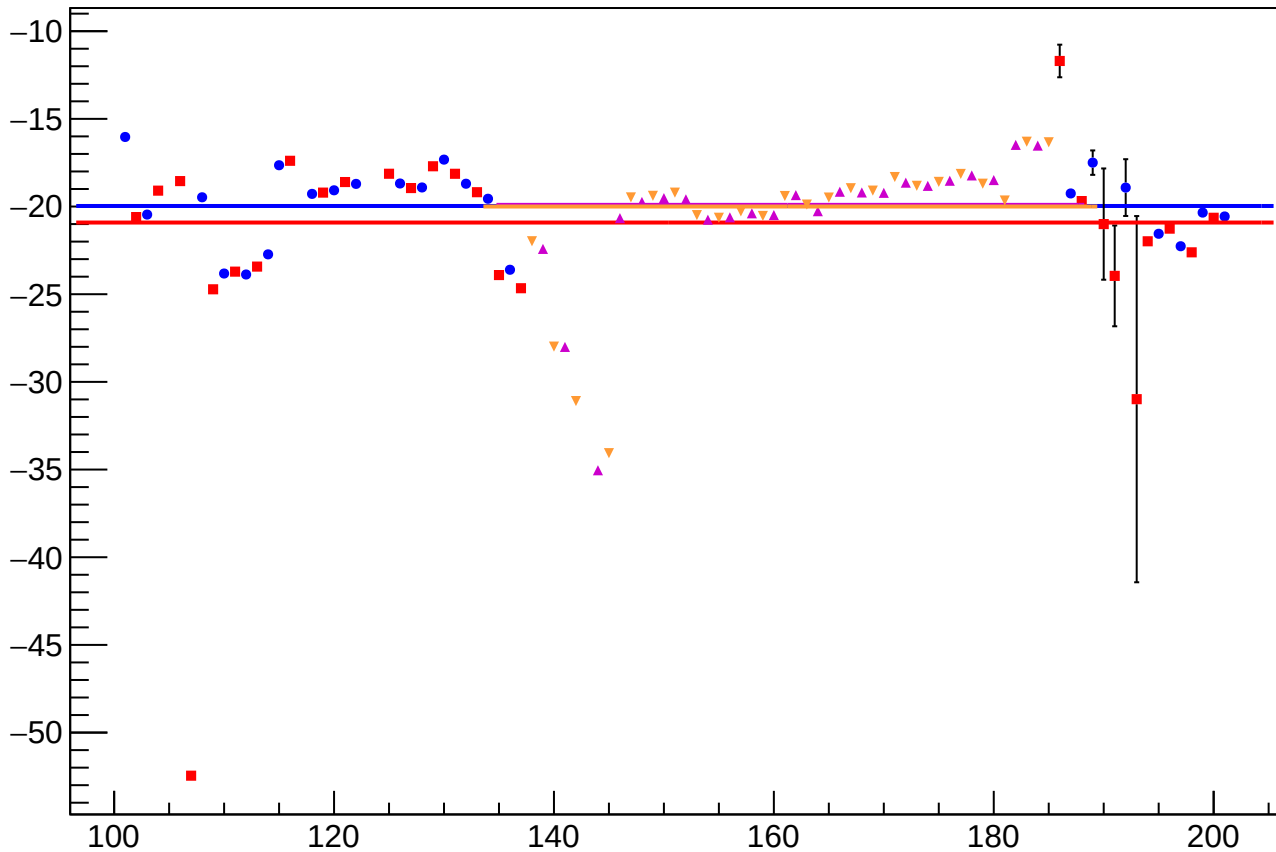
Left In: 8.573 $\pm$ 0.170 χ^2 /NDF: 443.4/22

+ sign 7.396 $\pm$ 0.140 χ^2 /NDF: 958.3/46

All: 7.253 $\pm$ 0.099 χ^2 /NDF: 2218.1/95

- sign 7.107 $\pm$ 0.141 χ^2 /NDF: 1257.7/48

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.968 ± 0.015 $\chi^2/\text{NDF}: 26726.7/22$

Left Out: -19.999 ± 0.008 $\chi^2/\text{NDF}: 171834.0/23$

Right Out: -20.913 ± 0.015 $\chi^2/\text{NDF}: 93286.5/25$

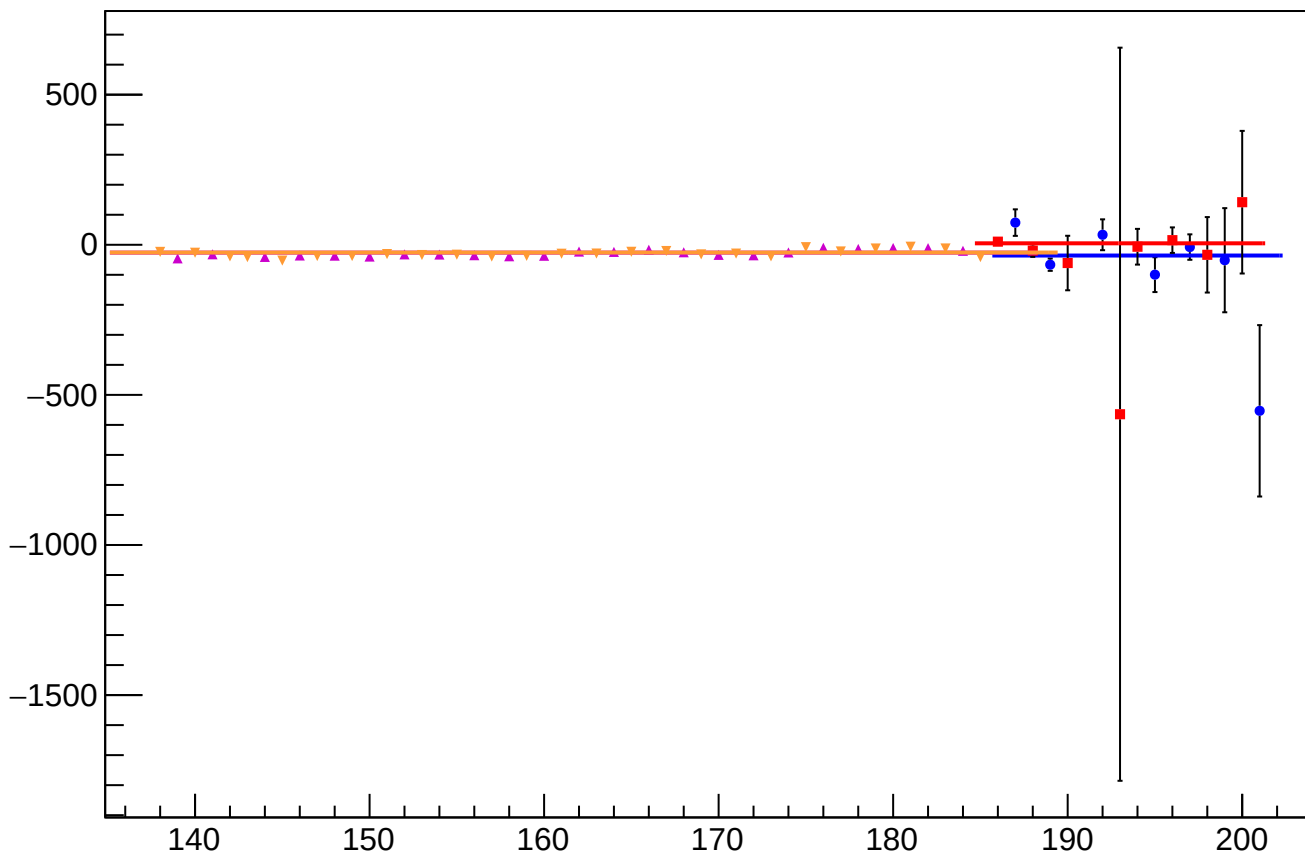
Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

+ sign -19.992 ± 0.007 $\chi^2/\text{NDF}: 198564.0/46$

All: -20.054 ± 0.005 $\chi^2/\text{NDF}: 440845.8/95$

- sign -20.116 ± 0.007 $\chi^2/\text{NDF}: 242124.9/48$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -35.811 ± 15.505 χ^2/NDF : 15.1/6

Left Out: -25.804 ± 0.192 χ^2/NDF : 4127.8/24

Right Out: 4.897 ± 8.292 χ^2/NDF : 3.0/7

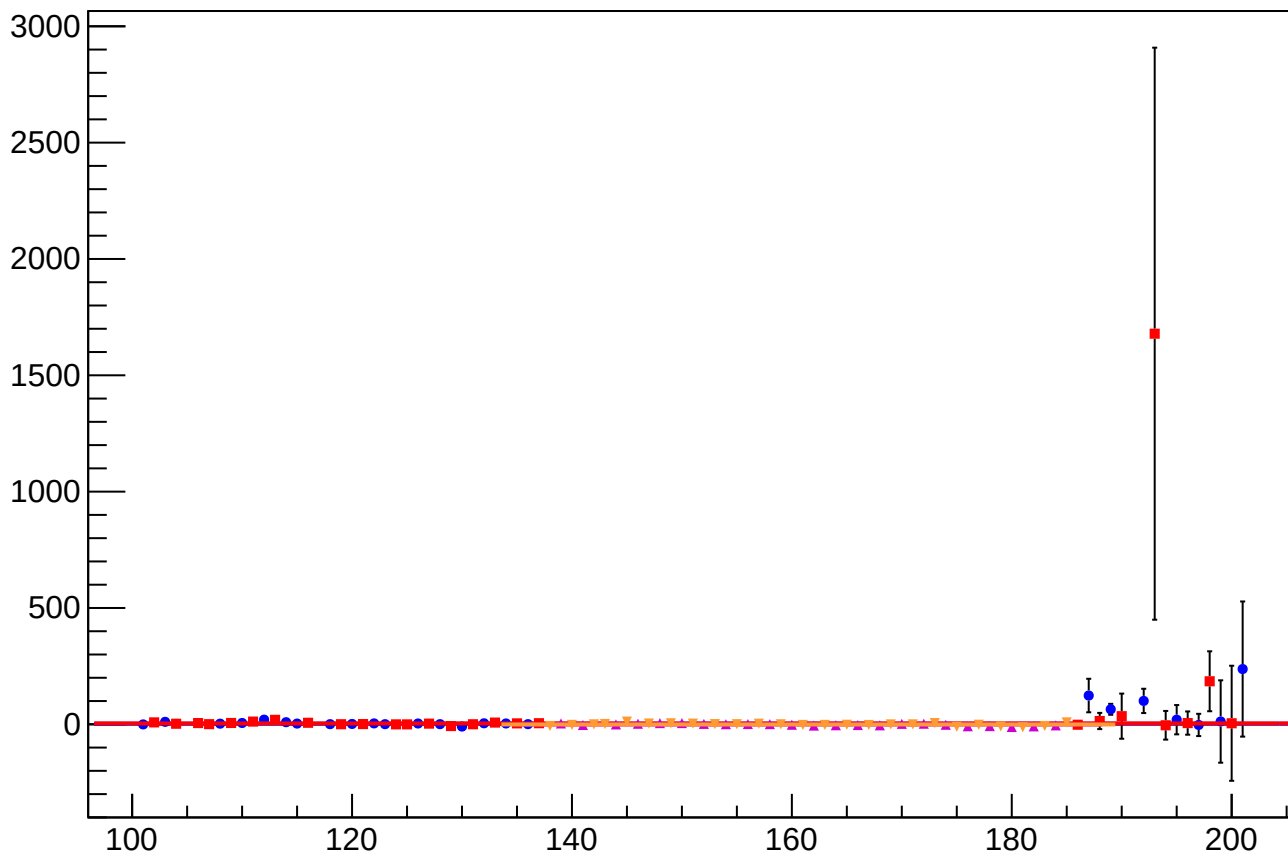
Left In: -26.204 ± 0.194 χ^2/NDF : 3377.8/22

+ sign -25.806 ± 0.192 χ^2/NDF : 4143.3/31

All: -25.994 ± 0.137 χ^2/NDF : 7540.1/62

- sign -26.187 ± 0.194 χ^2/NDF : 3394.8/30

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.461 ± 0.311 χ^2/NDF : 309.4/23

Left Out: -0.681 ± 0.147 χ^2/NDF : 1314.3/24

Right Out: 3.724 ± 0.327 χ^2/NDF : 273.4/25

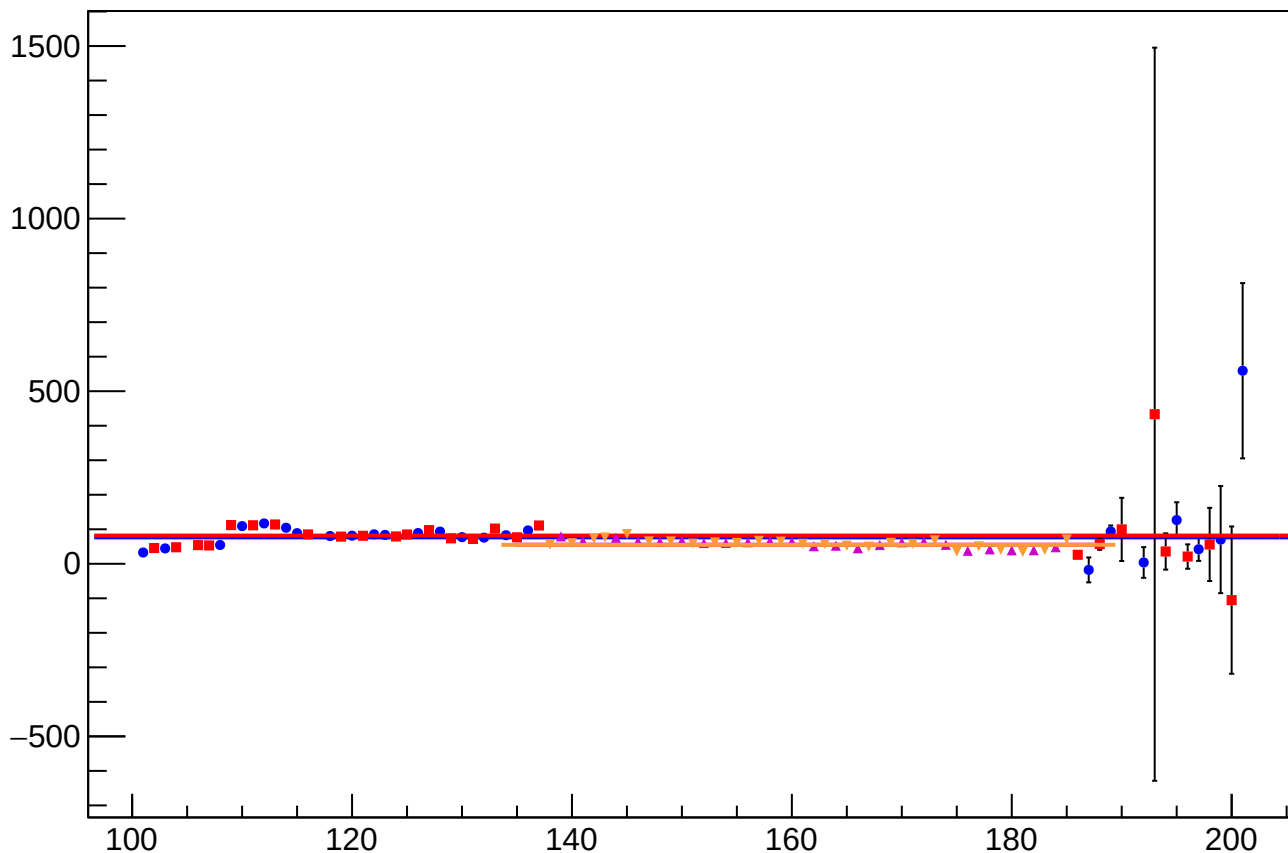
Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

+ sign -0.110 ± 0.133 χ^2/NDF : 1707.1/48

All: -0.079 ± 0.095 χ^2/NDF : 3213.4/97

- sign -0.047 ± 0.136 χ^2/NDF : 1506.2/48

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.554+/-0.573 χ^2/NDF : 2269.6/23

Left Out: 55.000+/-0.192 χ^2/NDF : 4524.8/24

Right Out: 81.683+/-0.590 χ^2/NDF : 1608.7/25

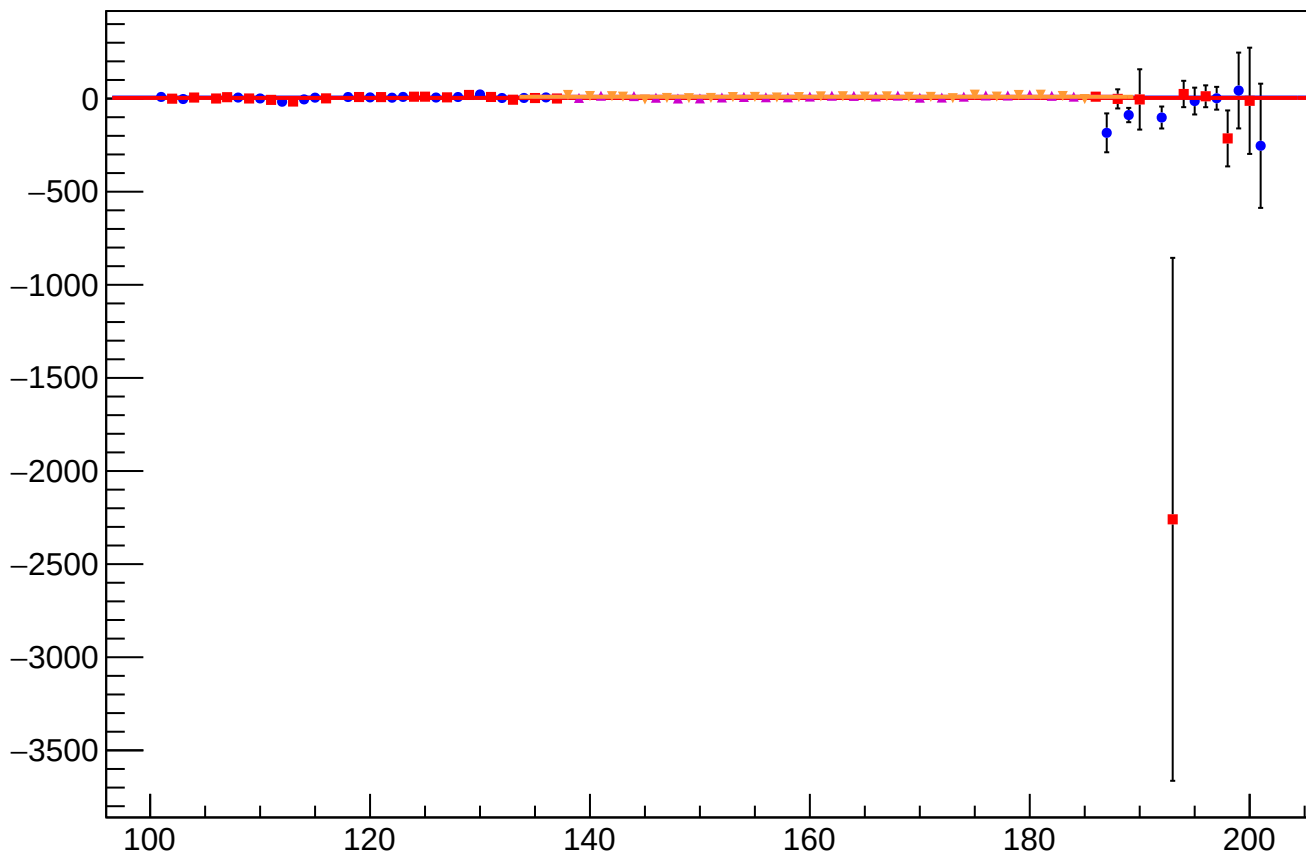
Left In: 55.225+/-0.193 χ^2/NDF : 3825.0/22

+ sign 57.174+/-0.182 χ^2/NDF : 8067.8/48

All: 57.472+/-0.129 χ^2/NDF : 15321.2/97

- sign 57.774+/-0.183 χ^2/NDF : 7248.0/48

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.427 ± 0.357 χ^2/NDF : 400.7/23

Left Out: 9.750 ± 0.168 χ^2/NDF : 1449.2/24

Right Out: 3.582 ± 0.375 χ^2/NDF : 428.0/25

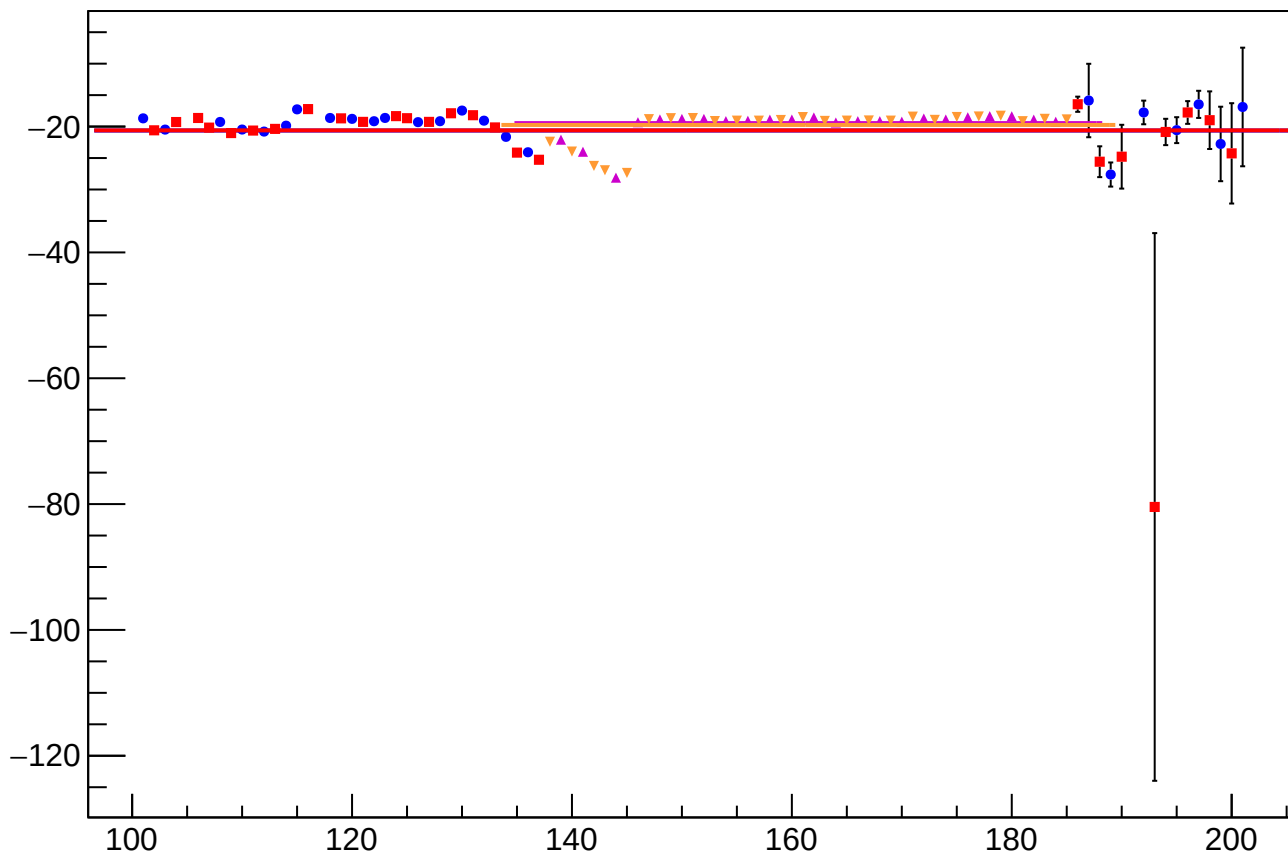
Left In: 9.775 ± 0.171 χ^2/NDF : 1165.6/22

+ sign 8.966 ± 0.152 χ^2/NDF : 1969.7/48

All: 8.840 ± 0.109 χ^2/NDF : 3790.0/97

- sign 8.708 ± 0.156 χ^2/NDF : 1818.9/48

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 χ^2/NDF : 12510.8/23

Left Out: -19.738 ± 0.008 χ^2/NDF : 88495.2/24

Right Out: -20.601 ± 0.019 χ^2/NDF : 11972.5/25

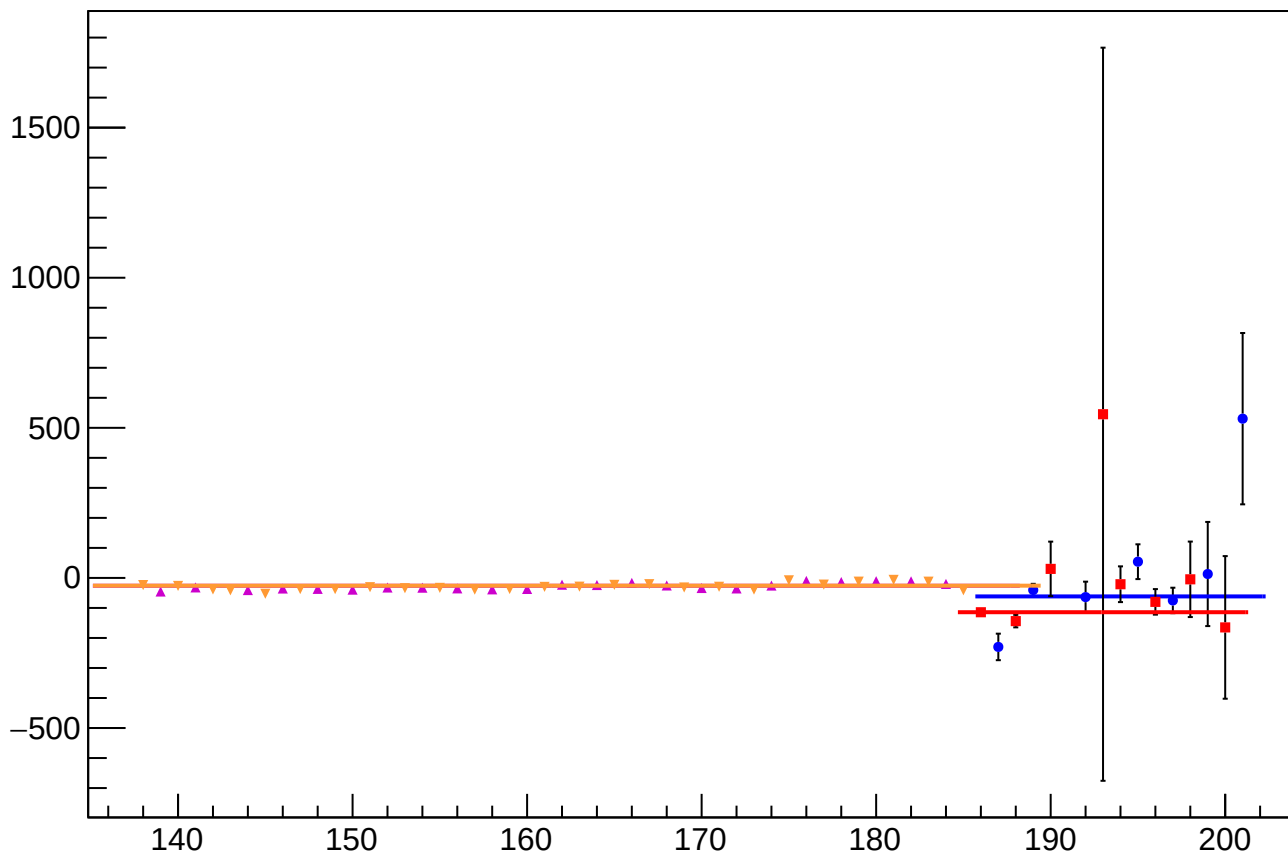
Left In: -19.448 ± 0.008 χ^2/NDF : 54039.2/22

+ sign -19.867 ± 0.007 χ^2/NDF : 102840.3/48

All: -19.740 ± 0.005 χ^2/NDF : 172473.8/97

- sign -19.612 ± 0.007 χ^2/NDF : 69028.0/48

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -61.600 ± 15.516 χ^2/NDF : 24.2/6

Left Out: -25.814 ± 0.192 χ^2/NDF : 4094.6/24

Right Out: -114.230 ± 8.298 χ^2/NDF : 8.7/7

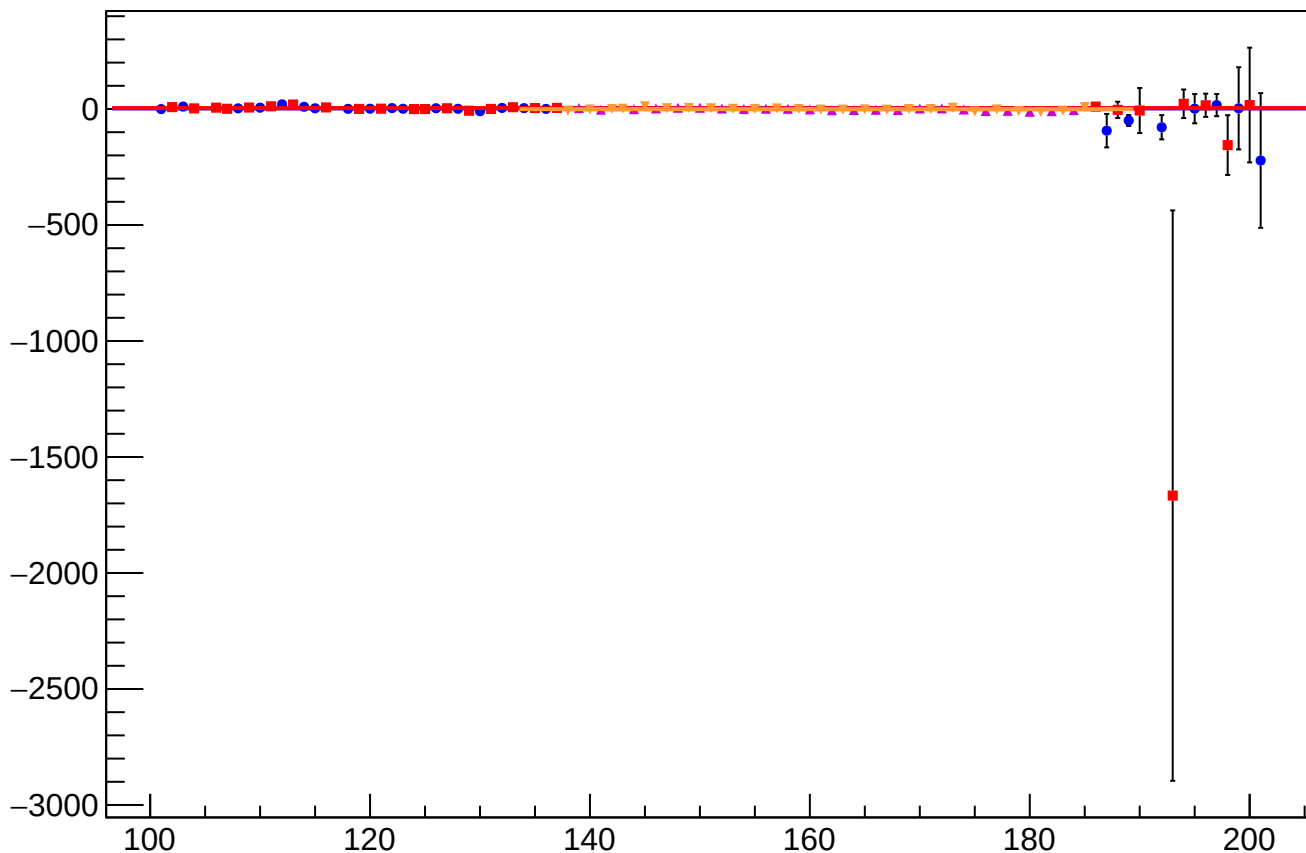
Left In: -26.200 ± 0.194 χ^2/NDF : 3344.6/22

+ sign -25.820 ± 0.192 χ^2/NDF : 4124.1/31

All: -26.032 ± 0.137 χ^2/NDF : 7592.4/62

- sign -26.248 ± 0.194 χ^2/NDF : 3465.9/30

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.434 ± 0.311 χ^2/NDF : 303.1/23

Left Out: -0.625 ± 0.147 χ^2/NDF : 1303.5/24

Right Out: 3.862 ± 0.327 χ^2/NDF : 272.8/25

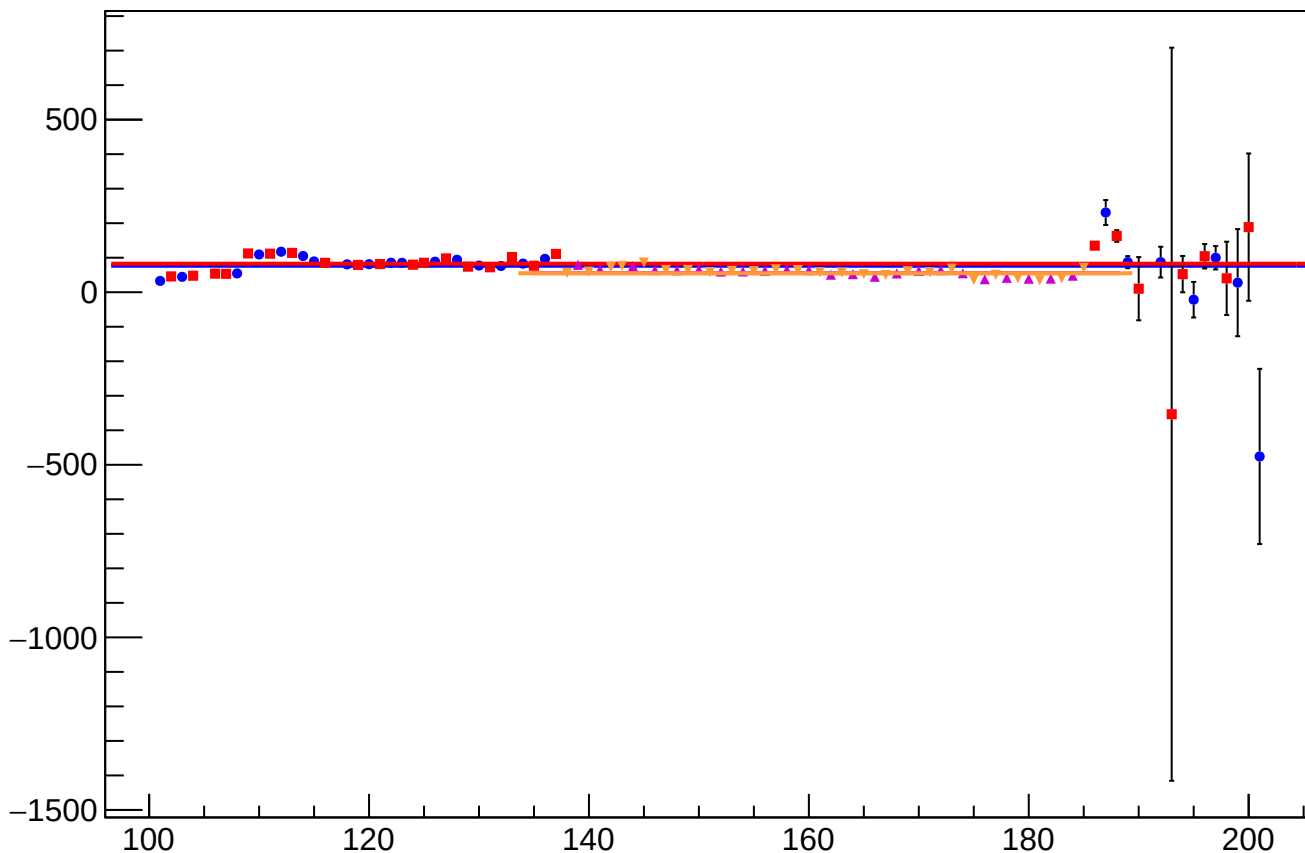
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.068 ± 0.133 χ^2/NDF : 1685.7/48

All: -0.019 ± 0.095 χ^2/NDF : 3236.1/97

- sign 0.034 ± 0.137 χ^2/NDF : 1550.1/48

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.730 $\pm$ 0.573 χ^2 /NDF: 2292.7/23

Left Out: 55.008 $\pm$ 0.192 χ^2 /NDF: 4502.1/24

Right Out: 82.669 $\pm$ 0.591 χ^2 /NDF: 1622.4/25

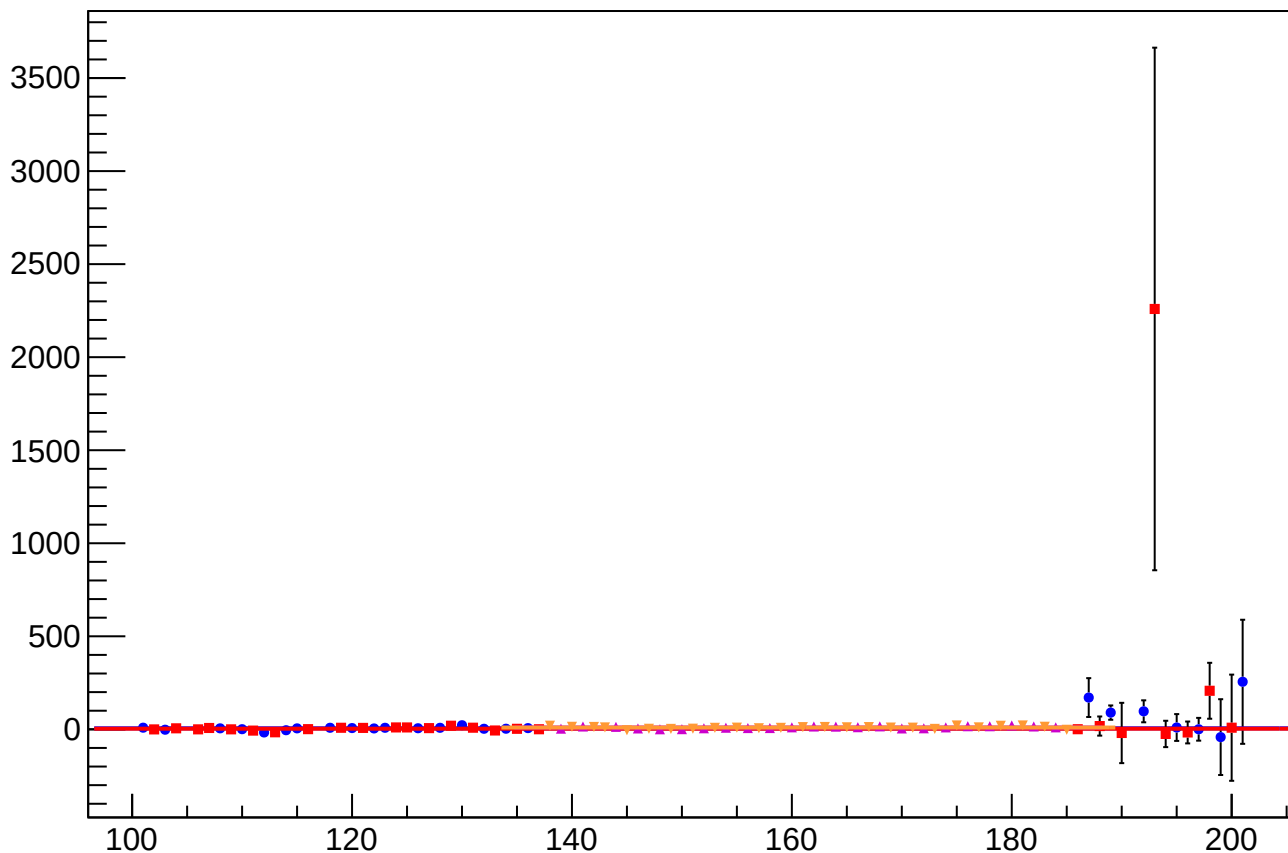
Left In: 55.252 $\pm$ 0.193 χ^2 /NDF: 3786.2/22

+ sign 57.199 $\pm$ 0.182 χ^2 /NDF: 8086.6/48

All: 57.544 $\pm$ 0.129 χ^2 /NDF: 15448.4/97

- sign 57.894 $\pm$ 0.183 χ^2 /NDF: 7354.6/48

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.452 ± 0.357 χ^2/NDF : 396.3/23

Left Out: 9.691 ± 0.168 χ^2/NDF : 1440.3/24

Right Out: 3.423 ± 0.376 χ^2/NDF : 427.7/25

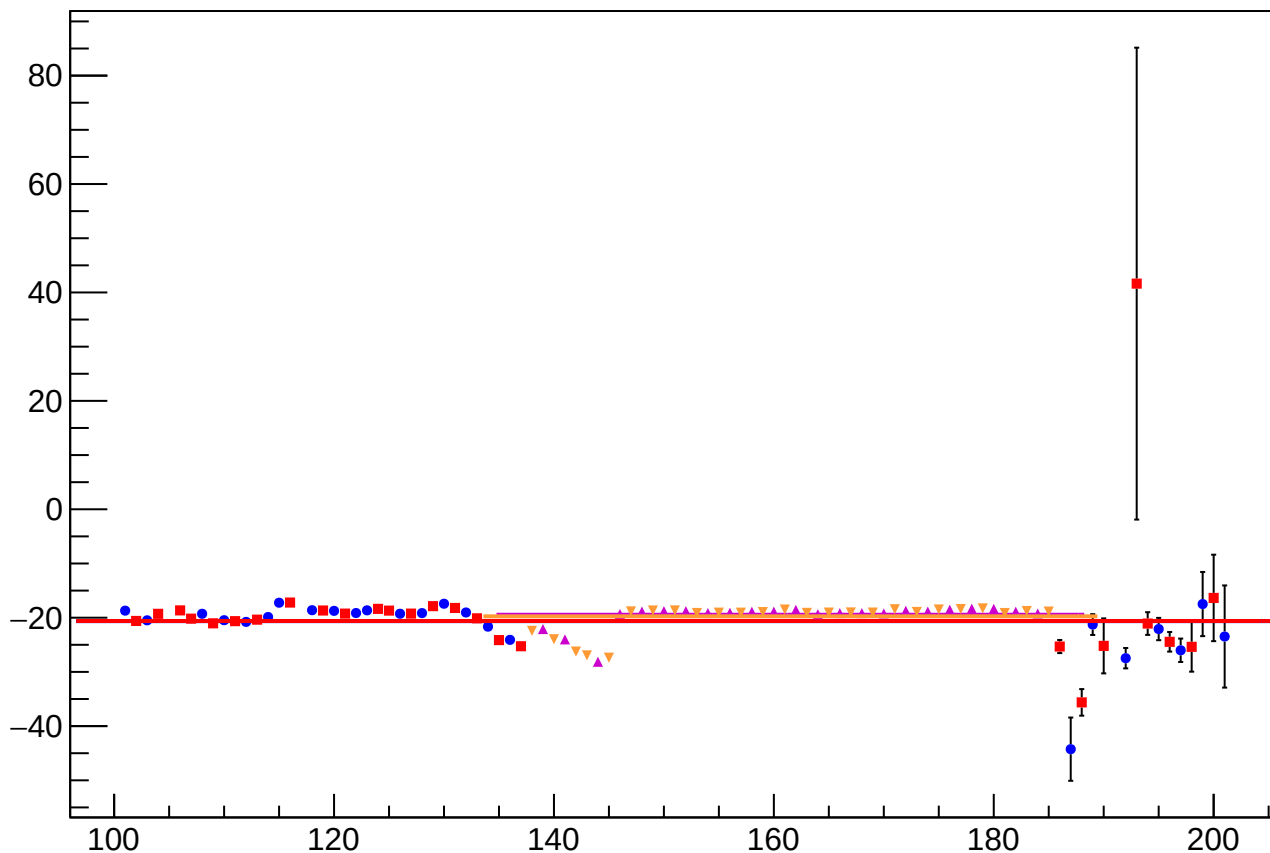
Left In: 9.708 ± 0.171 χ^2/NDF : 1198.0/22

+ sign 8.922 ± 0.152 χ^2/NDF : 1951.7/48

All: 8.777 ± 0.109 χ^2/NDF : 3811.0/97

- sign 8.625 ± 0.156 χ^2/NDF : 1857.5/48

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.633 ± 0.019 $\chi^2/\text{NDF}: 12567.6/23$

Left Out: -19.746 ± 0.008 $\chi^2/\text{NDF}: 88374.4/24$

Right Out: -20.608 ± 0.019 $\chi^2/\text{NDF}: 11962.0/25$

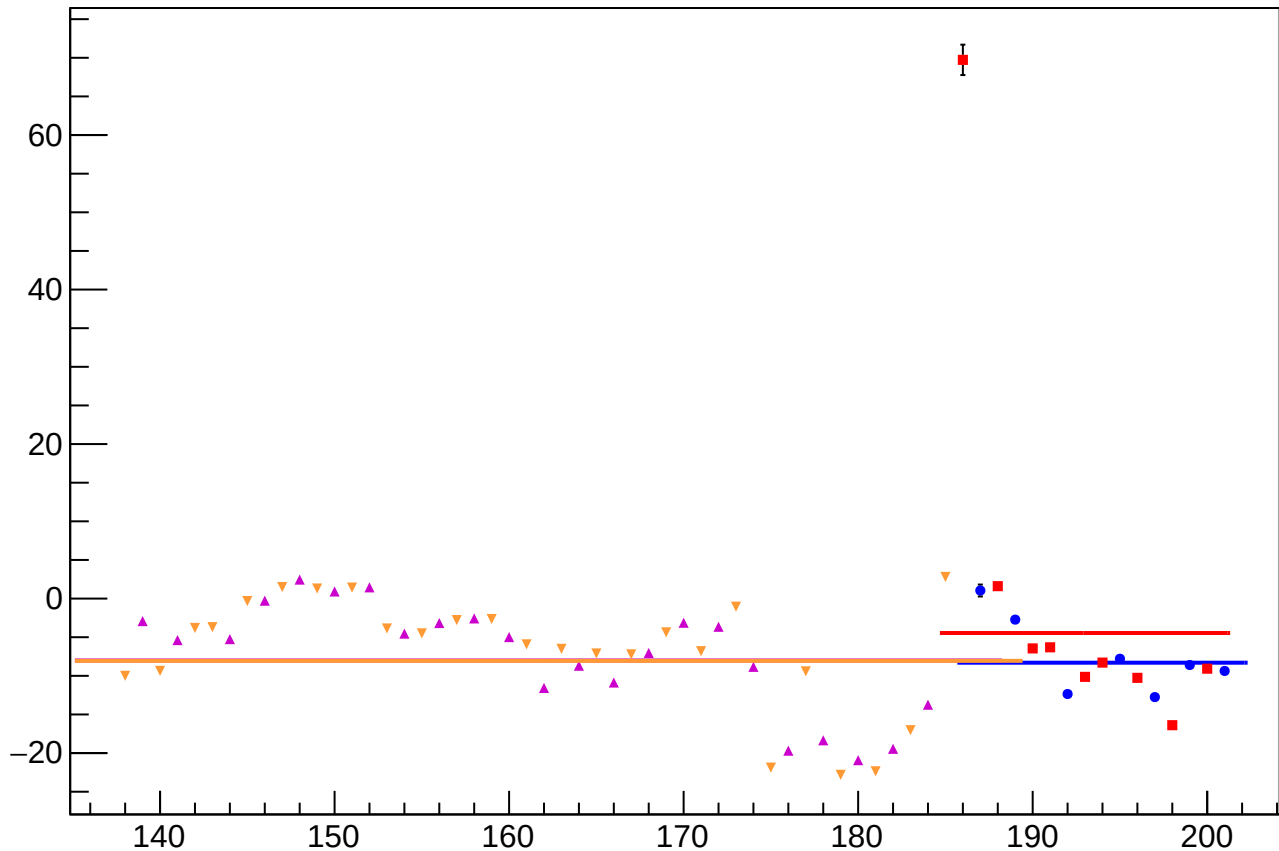
Left In: -19.457 ± 0.008 $\chi^2/\text{NDF}: 53995.4/22$

+ sign -19.874 ± 0.007 $\chi^2/\text{NDF}: 102753.0/48$

All: -19.748 ± 0.005 $\chi^2/\text{NDF}: 172305.5/97$

- sign -19.621 ± 0.007 $\chi^2/\text{NDF}: 68957.1/48$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -8.299 ± 0.166 χ^2/NDF : 583.6/6

Left Out: -8.058 ± 0.070 χ^2/NDF : 12532.2/24

Right Out: -4.457 ± 0.122 χ^2/NDF : 3824.7/8

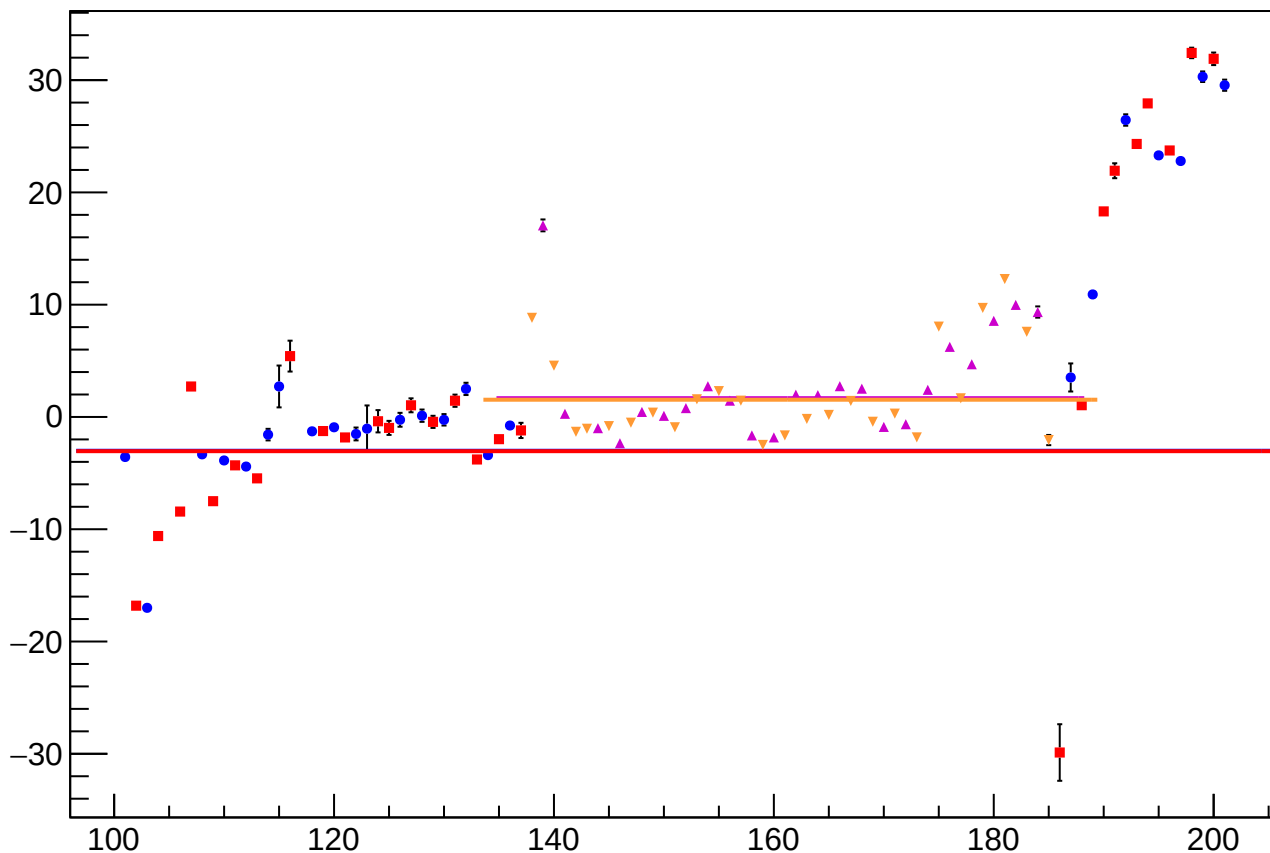
Left In: -8.010 ± 0.071 χ^2/NDF : 10631.2/22

+ sign -8.095 ± 0.065 χ^2/NDF : 13117.6/31

All: -7.571 ± 0.045 χ^2/NDF : 28332.6/63

- sign -7.099 ± 0.062 χ^2/NDF : 15090.9/31

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -3.011 ± 0.052 χ^2/NDF : 33335.7/23

Left Out: 1.535 ± 0.055 χ^2/NDF : 4816.7/24

Right Out: -3.047 ± 0.055 χ^2/NDF : 43883.1/26

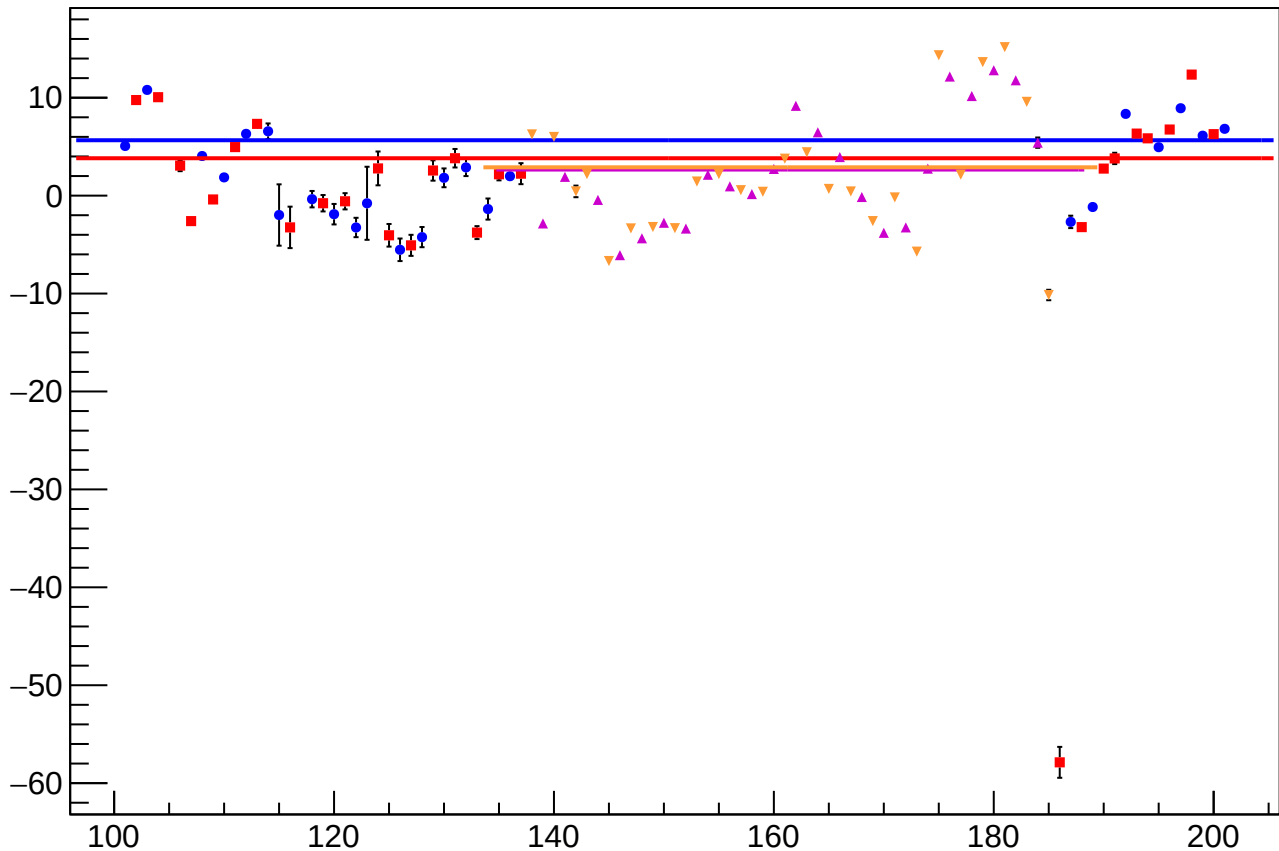
Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

+ sign -0.829 ± 0.038 χ^2/NDF : 41772.1/48

All: -0.783 ± 0.027 χ^2/NDF : 93333.2/98

- sign -0.733 ± 0.040 χ^2/NDF : 51558.0/49

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.657 ± 0.076 χ^2/NDF : 2175.2/23

Left Out: 2.891 ± 0.070 χ^2/NDF : 8889.4/24

Right Out: 3.818 ± 0.071 χ^2/NDF : 7301.8/26

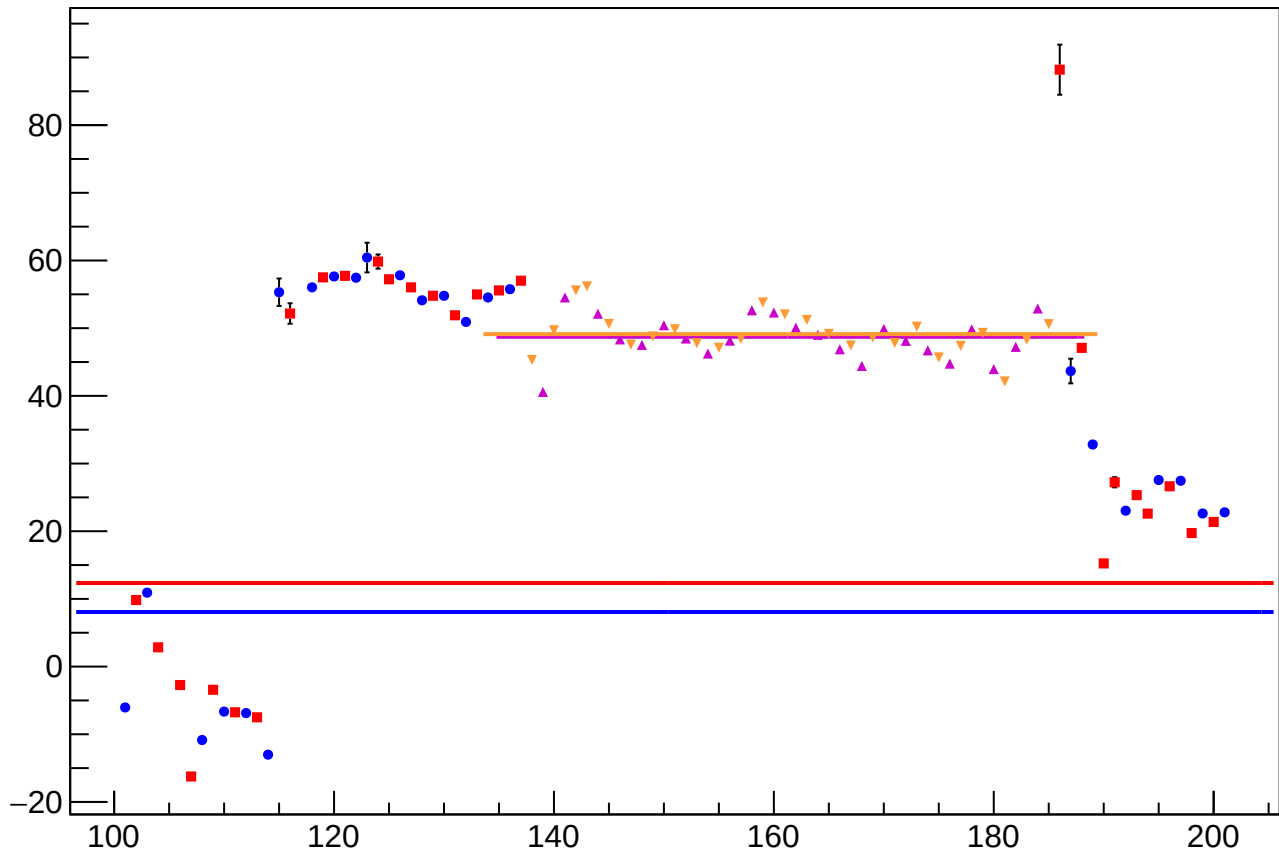
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 4.165 ± 0.052 χ^2/NDF : 11775.2/48

All: 3.690 ± 0.036 χ^2/NDF : 26682.3/98

- sign 3.244 ± 0.050 χ^2/NDF : 14743.4/49

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 8.065+/-0.062 χ^2/NDF : 131557.4/23

Left Out: 49.121+/-0.062 χ^2/NDF : 2165.4/24

Right Out: 12.351+/-0.066 χ^2/NDF : 133745.1/26

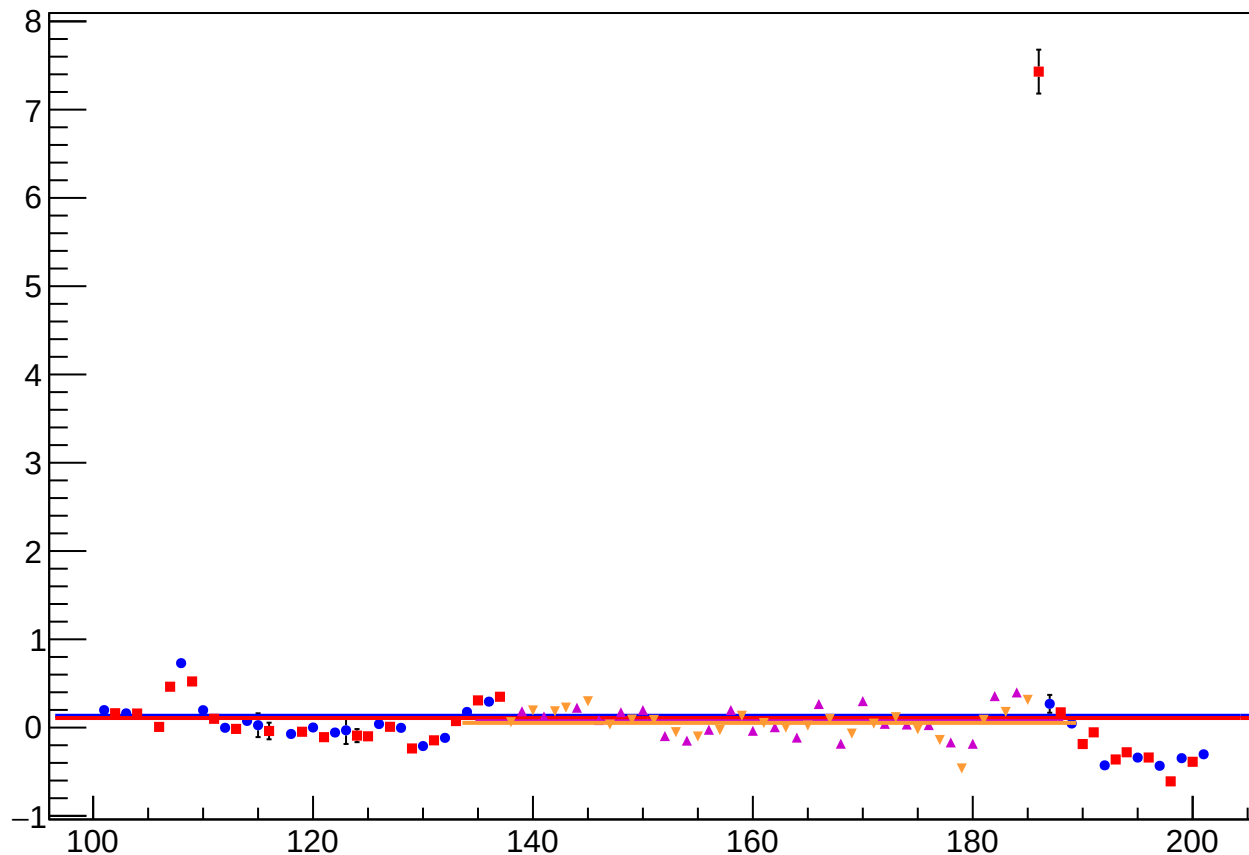
Left In: 48.731+/-0.064 χ^2/NDF : 2117.7/22

+ sign 28.626+/-0.044 χ^2/NDF : 353459.4/48

All: 29.869+/-0.032 χ^2/NDF : 648648.3/98

- sign 31.227+/-0.046 χ^2/NDF : 293503.9/49

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.134 ± 0.003 χ^2/NDF : 10106.3/23

Left Out: 0.053 ± 0.003 χ^2/NDF : 2369.3/24

Right Out: 0.108 ± 0.002 χ^2/NDF : 10154.0/26

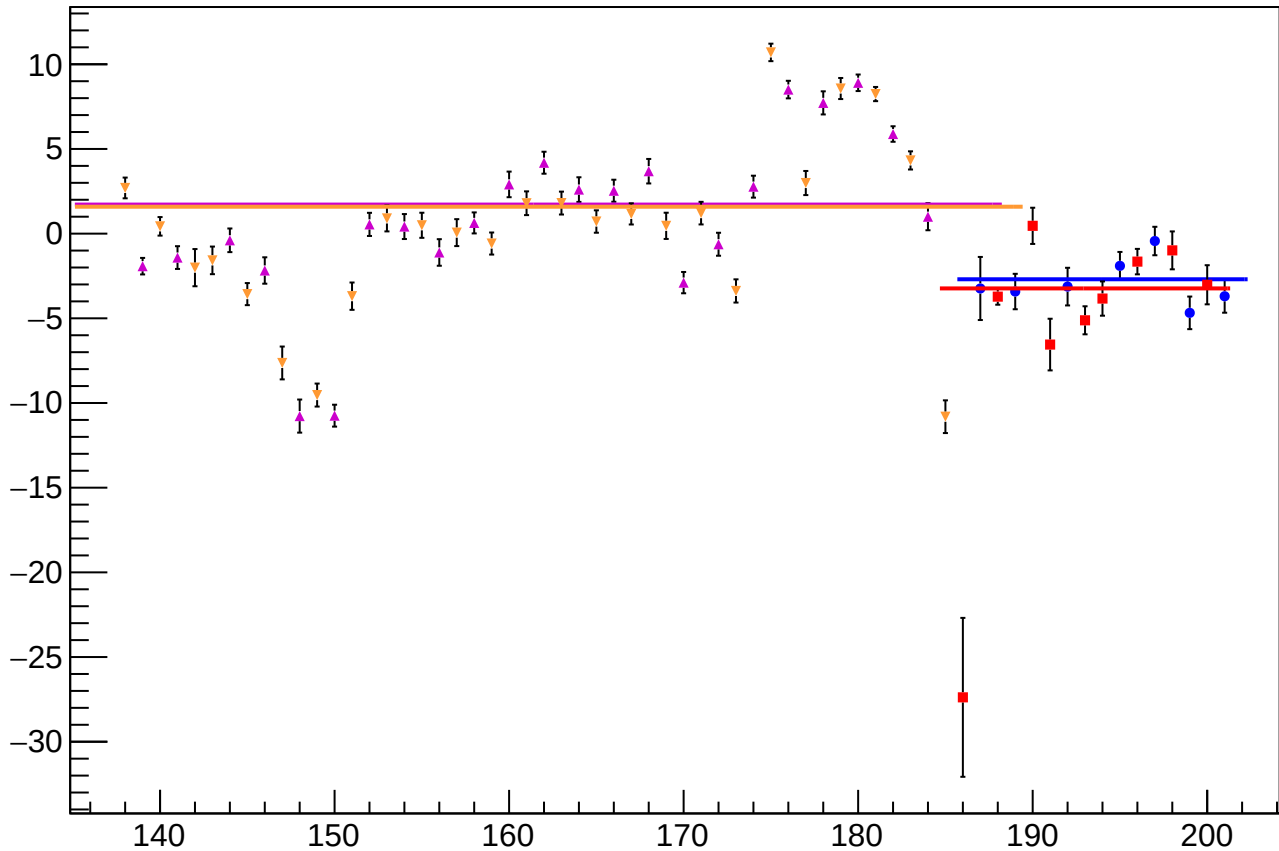
Left In: 0.072 ± 0.003 χ^2/NDF : 3272.0/22

+ sign 0.098 ± 0.002 χ^2/NDF : 12921.2/48

All: 0.095 ± 0.001 χ^2/NDF : 26443.2/98

- sign 0.092 ± 0.002 χ^2/NDF : 13518.1/49

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -2.695 ± 0.377 χ^2/NDF : 14.2/6

Left Out: 1.590 ± 0.133 χ^2/NDF : 1457.4/24

Right Out: -3.234 ± 0.295 χ^2/NDF : 58.2/8

Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.115 ± 0.125 χ^2/NDF : 1586.6/31

All: 0.988 ± 0.087 χ^2/NDF : 3193.8/63

- sign 0.866 ± 0.122 χ^2/NDF : 1605.1/31

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -66.255+/-0.195 $\chi^2/\text{NDF}: 5772.5/23$

Left Out: -54.701+/-0.106 $\chi^2/\text{NDF}: 1124.5/24$

Right Out: -66.331+/-0.181 $\chi^2/\text{NDF}: 8675.8/26$

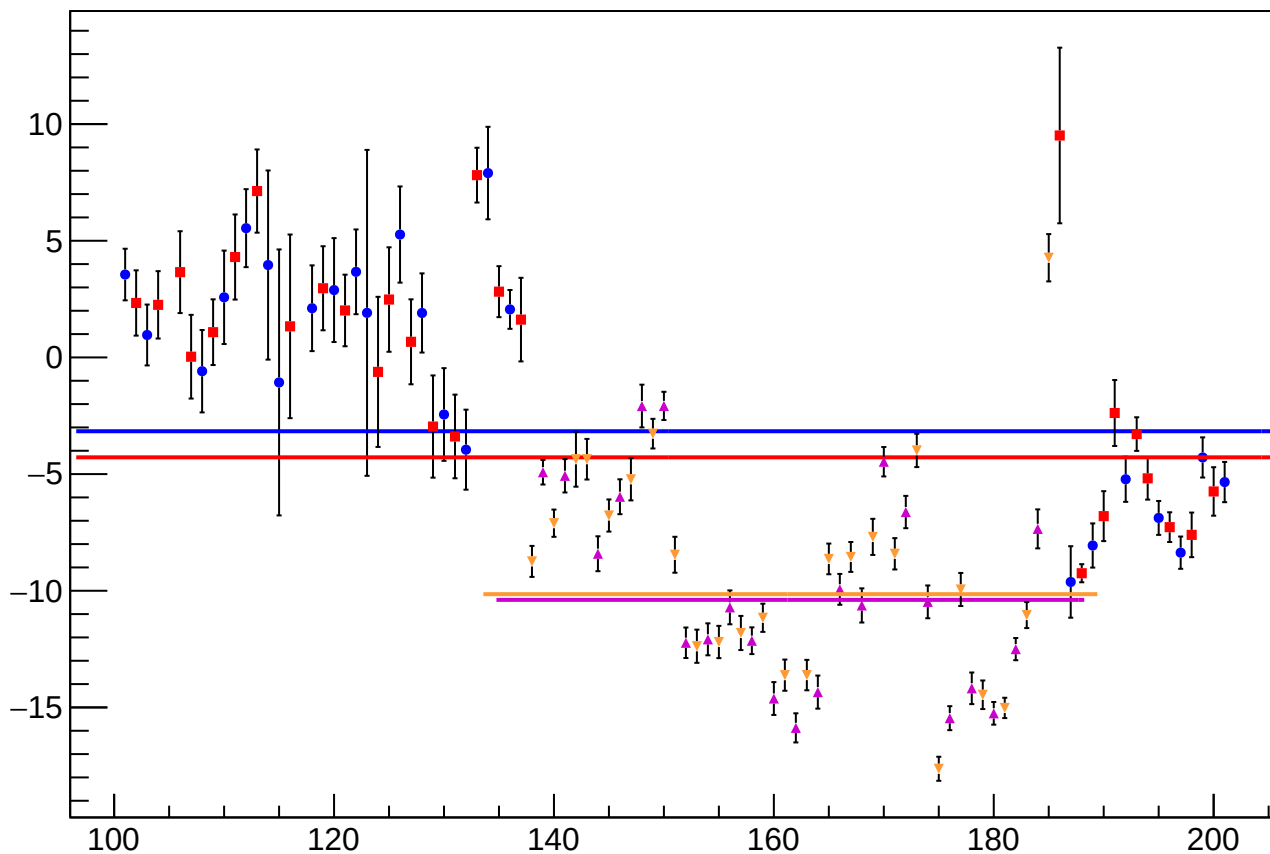
Left In: -54.677+/-0.109 $\chi^2/\text{NDF}: 1140.6/22$

+ sign -57.327+/-0.093 $\chi^2/\text{NDF}: 9598.1/48$

All: -57.558+/-0.066 $\chi^2/\text{NDF}: 22457.1/98$

- sign -57.793+/-0.094 $\chi^2/\text{NDF}: 12846.6/49$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -3.163 ± 0.255 $\chi^2/\text{NDF}: 354.4/23$

Left Out: -10.146 ± 0.133 $\chi^2/\text{NDF}: 1051.2/24$

Right Out: -4.282 ± 0.212 $\chi^2/\text{NDF}: 583.6/26$

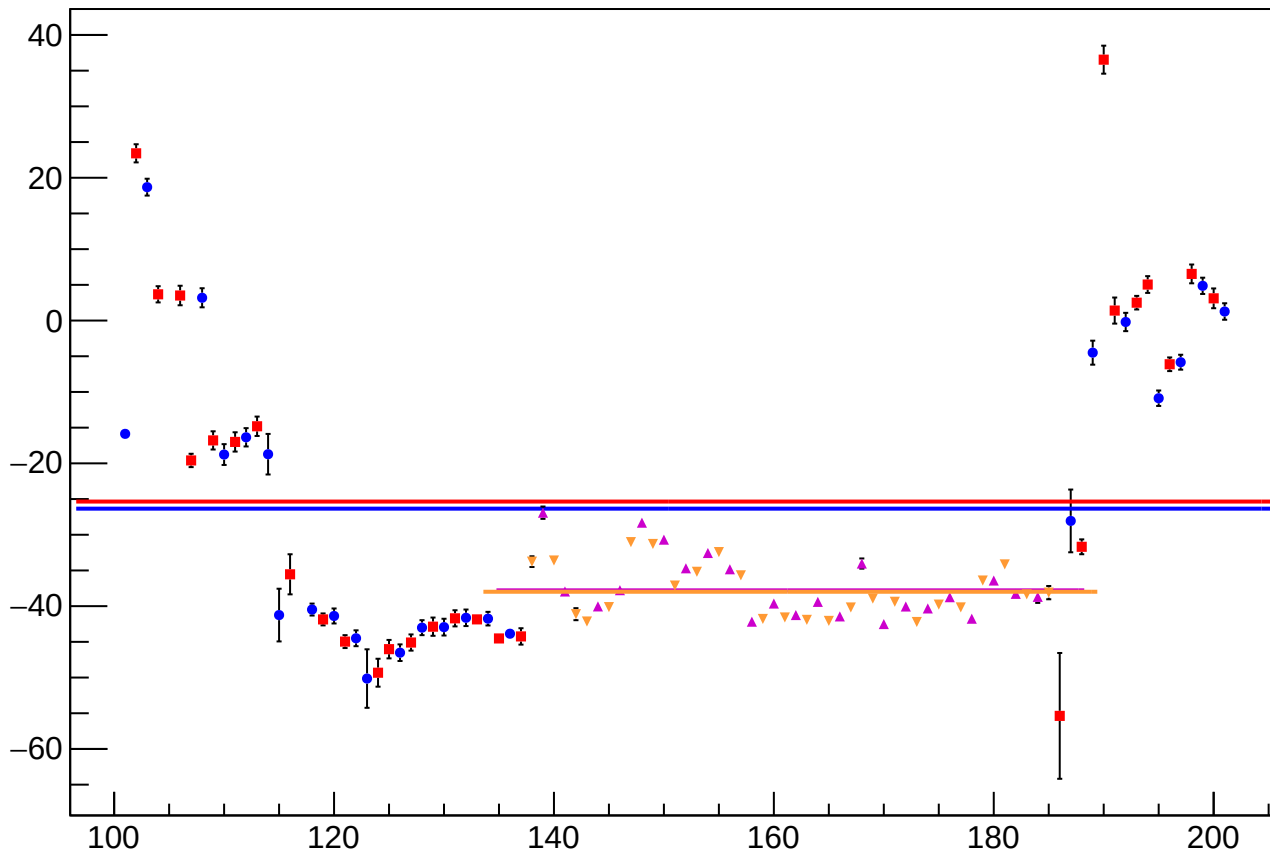
Left In: -10.391 ± 0.134 $\chi^2/\text{NDF}: 1024.8/22$

+ sign -8.649 ± 0.118 $\chi^2/\text{NDF}: 1995.9/48$

All: -8.650 ± 0.082 $\chi^2/\text{NDF}: 4198.3/98$

- sign -8.651 ± 0.113 $\chi^2/\text{NDF}: 2202.4/49$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -26.345 ± 0.225 χ^2/NDF : 7813.0/23

Left Out: -37.983 ± 0.119 χ^2/NDF : 936.9/24

Right Out: -25.350 ± 0.212 χ^2/NDF : 10879.5/26

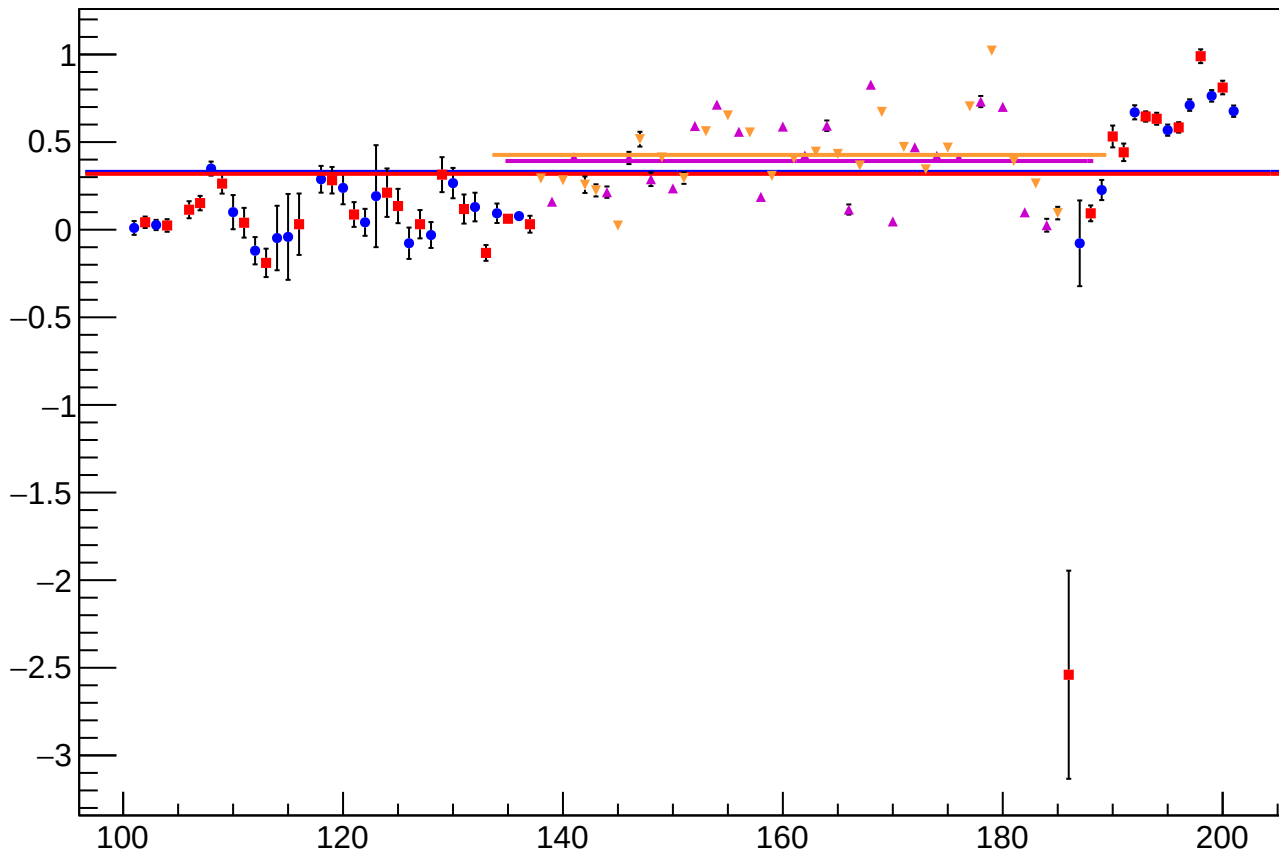
Left In: -37.784 ± 0.122 χ^2/NDF : 1079.7/22

+ sign -35.434 ± 0.105 χ^2/NDF : 10845.3/48

All: -35.068 ± 0.075 χ^2/NDF : 25410.6/98

- sign -34.699 ± 0.106 χ^2/NDF : 14541.1/49

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.330 ± 0.010 $\chi^2/\text{NDF}: 986.7/23$

Left Out: 0.427 ± 0.005 $\chi^2/\text{NDF}: 1293.3/24$

Right Out: 0.319 ± 0.009 $\chi^2/\text{NDF}: 1296.7/26$

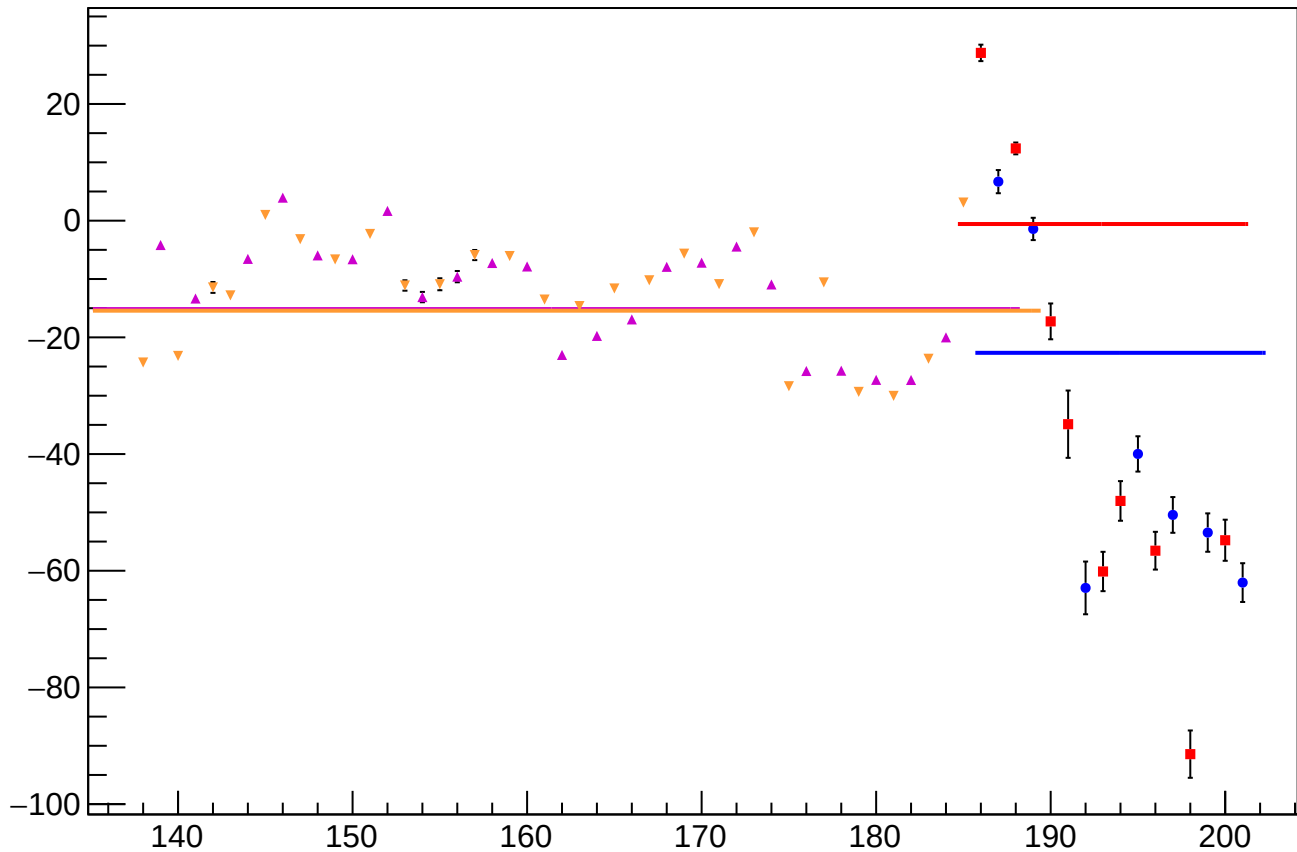
Left In: 0.392 ± 0.005 $\chi^2/\text{NDF}: 1835.6/22$

+ sign 0.404 ± 0.005 $\chi^2/\text{NDF}: 2357.5/48$

All: 0.388 ± 0.003 $\chi^2/\text{NDF}: 5560.2/98$

- sign 0.373 ± 0.005 $\chi^2/\text{NDF}: 3180.6/49$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -22.649 ± 1.013 $\chi^2/\text{NDF}: 764.3/6$

Left Out: -15.427 ± 0.105 $\chi^2/\text{NDF}: 10499.6/24$

Right Out: -0.573 ± 0.703 $\chi^2/\text{NDF}: 2206.9/8$

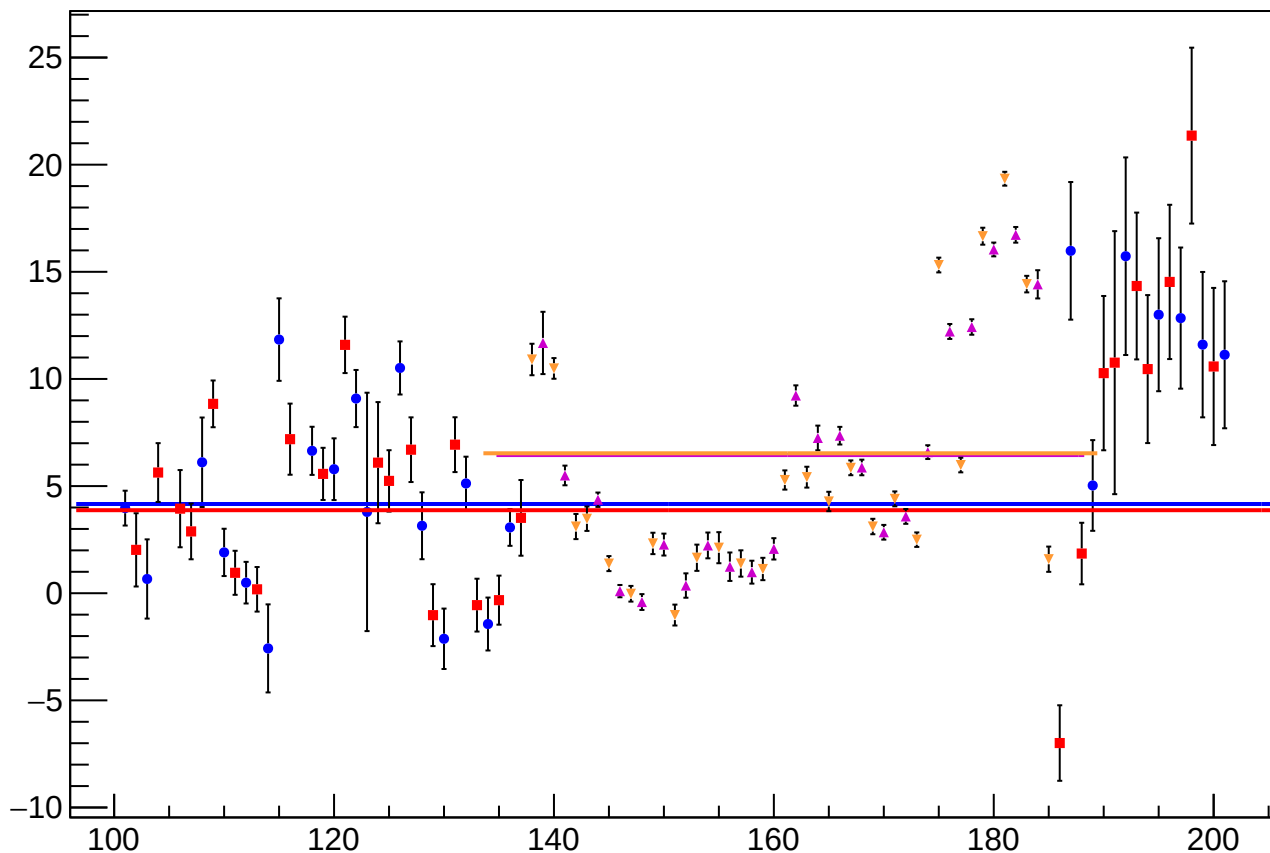
Left In: -15.151 ± 0.106 $\chi^2/\text{NDF}: 8744.3/22$

+ sign -15.504 ± 0.105 $\chi^2/\text{NDF}: 11314.2/31$

All: -15.166 ± 0.074 $\chi^2/\text{NDF}: 22707.3/63$

- sign -14.825 ± 0.105 $\chi^2/\text{NDF}: 11372.1/31$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 4.164 ± 0.299 χ^2/NDF : 180.8/23

Left Out: 6.531 ± 0.086 χ^2/NDF : 4969.5/24

Right Out: 3.875 ± 0.298 χ^2/NDF : 221.3/26

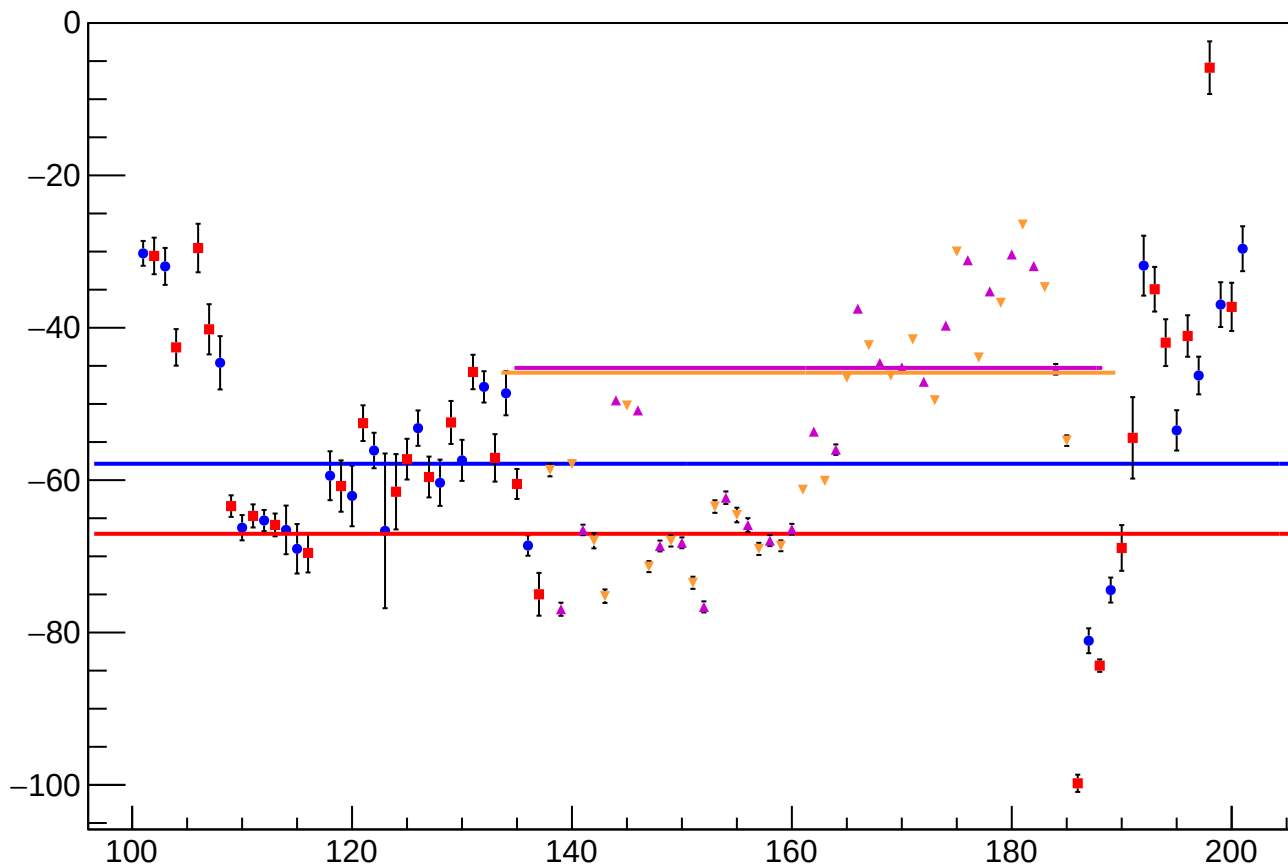
Left In: 6.448 ± 0.086 χ^2/NDF : 3955.6/22

+ sign 6.351 ± 0.082 χ^2/NDF : 5208.4/48

All: 6.301 ± 0.058 χ^2/NDF : 9455.0/98

- sign 6.251 ± 0.082 χ^2/NDF : 4245.9/49

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -57.849 ± 0.459 $\chi^2/\text{NDF}: 1109.6/23$

Left Out: -45.897 ± 0.106 $\chi^2/\text{NDF}: 17133.8/24$

Right Out: -67.043 ± 0.394 $\chi^2/\text{NDF}: 2729.0/26$

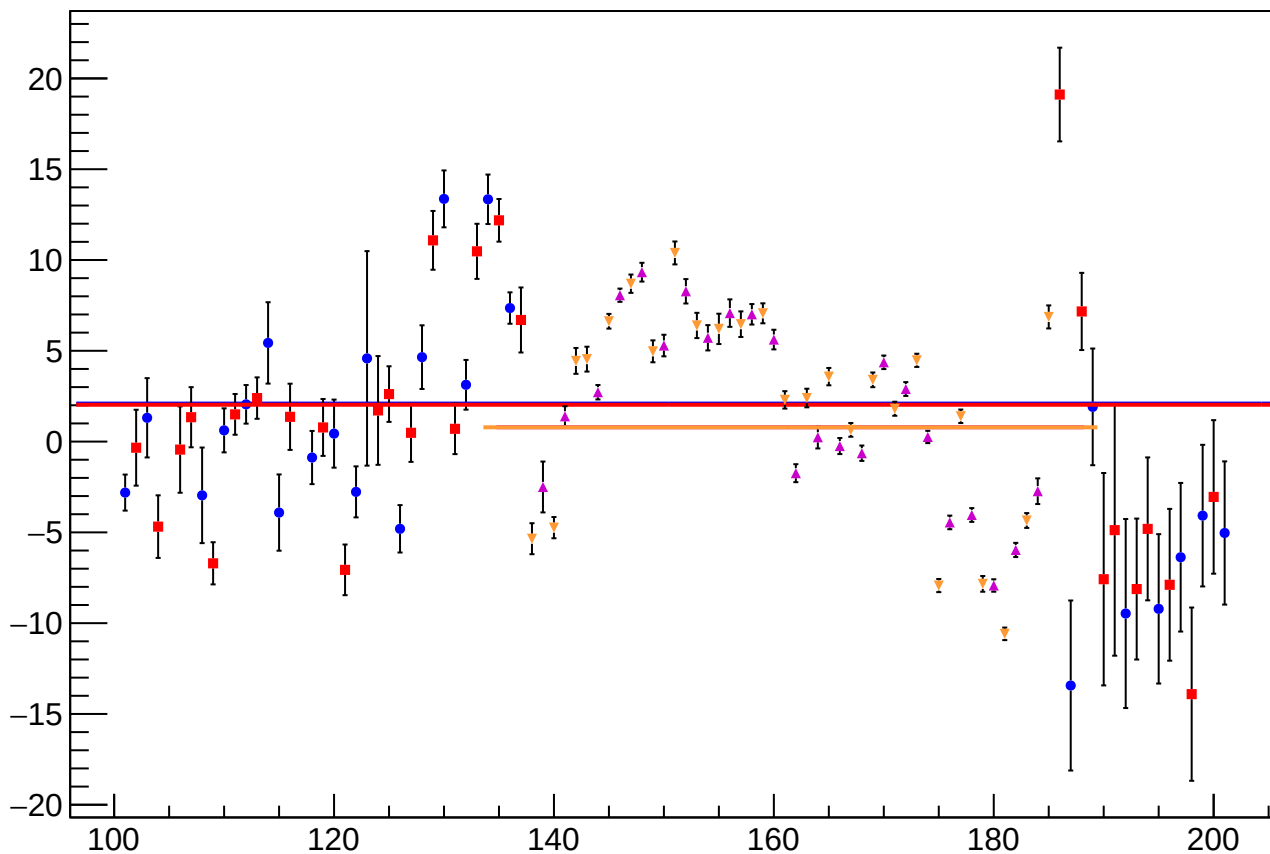
Left In: -45.268 ± 0.107 $\chi^2/\text{NDF}: 15775.7/22$

+ sign -46.507 ± 0.104 $\chi^2/\text{NDF}: 18887.7/48$

All: -46.632 ± 0.073 $\chi^2/\text{NDF}: 40237.8/98$

- sign -46.756 ± 0.103 $\chi^2/\text{NDF}: 21347.2/49$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.092 ± 0.337 χ^2/NDF : 278.3/23

Left Out: 0.787 ± 0.096 χ^2/NDF : 3746.7/24

Right Out: 2.029 ± 0.340 χ^2/NDF : 345.2/26

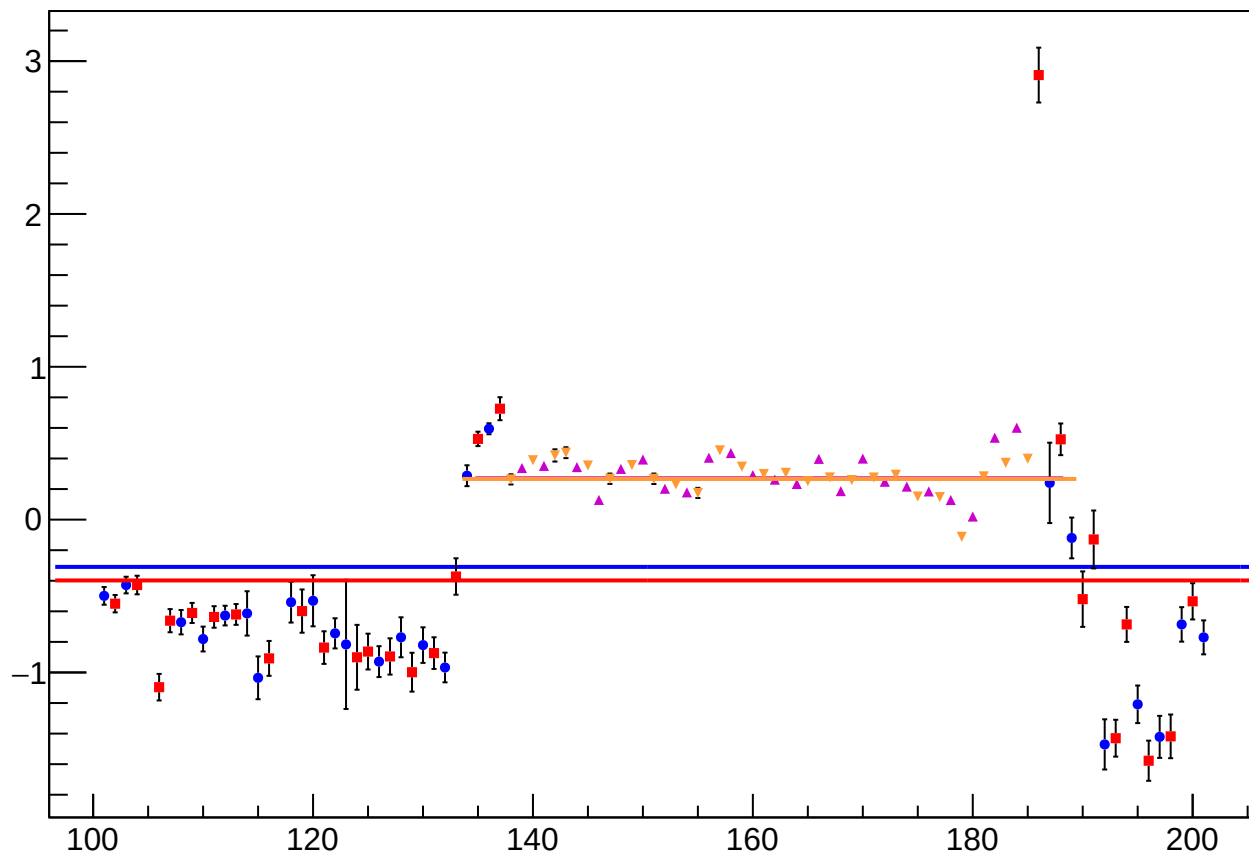
Left In: 0.791 ± 0.096 χ^2/NDF : 2697.7/22

+ sign 0.884 ± 0.092 χ^2/NDF : 4038.9/48

All: 0.883 ± 0.065 χ^2/NDF : 7094.0/98

- sign 0.883 ± 0.093 χ^2/NDF : 3055.1/49

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.309 ± 0.018 $\chi^2/\text{NDF}: 1177.7/23$

Left Out: 0.266 ± 0.004 $\chi^2/\text{NDF}: 698.1/24$

Right Out: -0.398 ± 0.017 $\chi^2/\text{NDF}: 1482.0/26$

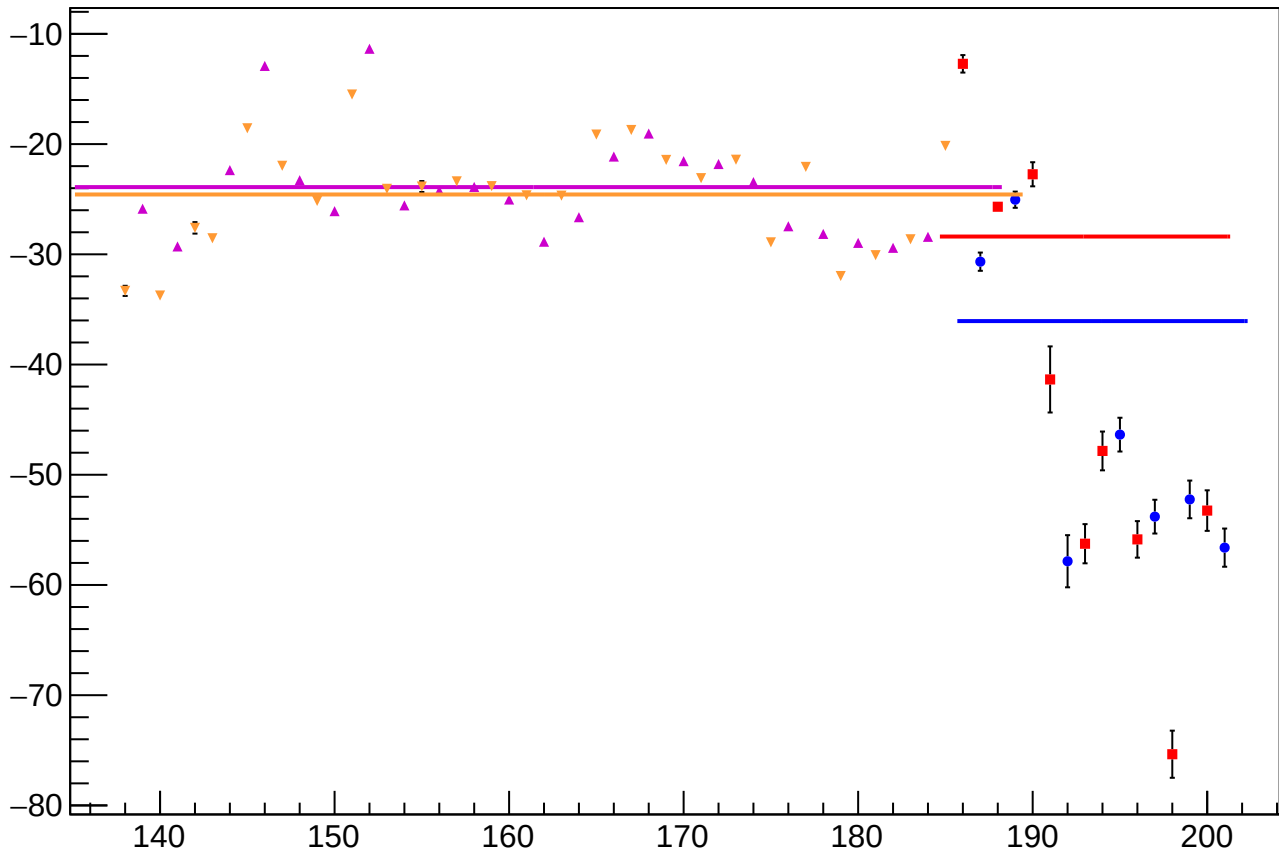
Left In: 0.270 ± 0.004 $\chi^2/\text{NDF}: 973.5/22$

+ sign 0.233 ± 0.004 $\chi^2/\text{NDF}: 2873.5/48$

All: 0.232 ± 0.003 $\chi^2/\text{NDF}: 6704.7/98$

- sign 0.230 ± 0.004 $\chi^2/\text{NDF}: 3830.9/49$

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -36.058 ± 0.447 χ^2/NDF : 761.3/6

Left Out: -24.571 ± 0.051 χ^2/NDF : 8610.0/24

Right Out: -28.387 ± 0.325 χ^2/NDF : 1782.5/8

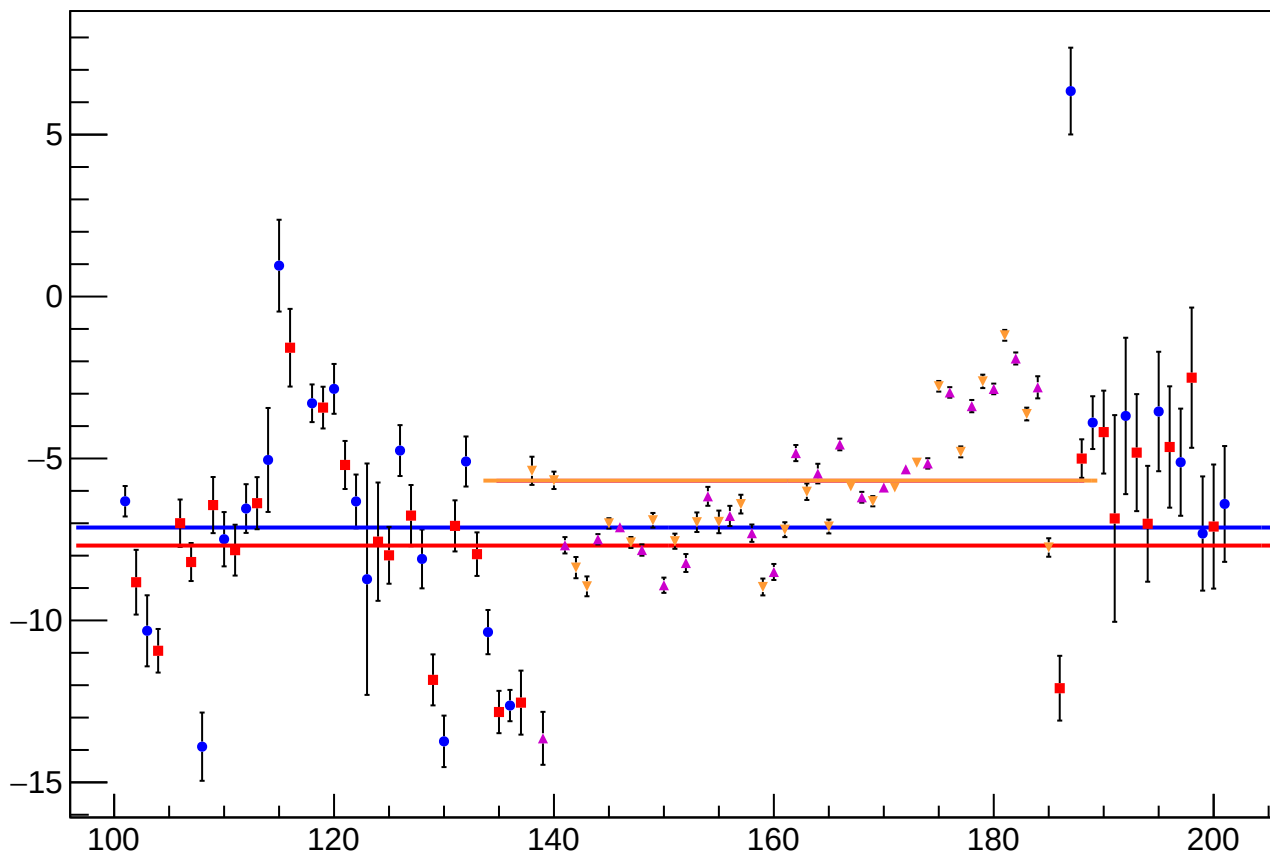
Left In: -23.902 ± 0.051 χ^2/NDF : 9158.9/22

+ sign -24.719 ± 0.051 χ^2/NDF : 10024.6/31

All: -24.361 ± 0.036 χ^2/NDF : 21250.4/63

- sign -24.009 ± 0.050 χ^2/NDF : 11126.8/31

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.132 ± 0.175 χ^2/NDF : 525.7/23

Left Out: -5.683 ± 0.041 χ^2/NDF : 2231.0/24

Right Out: -7.689 ± 0.169 χ^2/NDF : 285.8/26

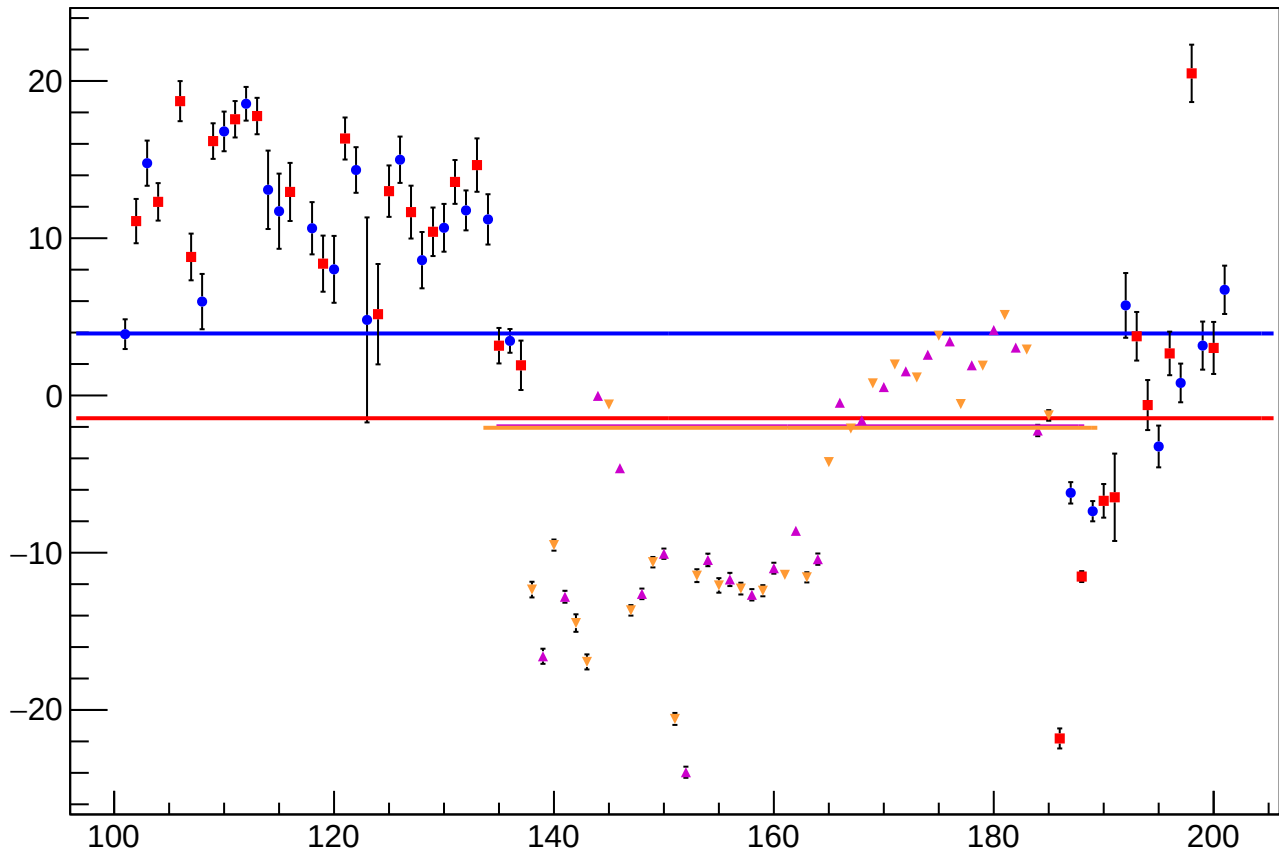
Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

+ sign -5.758 ± 0.040 χ^2/NDF : 2821.4/48

All: -5.779 ± 0.028 χ^2/NDF : 5567.6/98

- sign -5.798 ± 0.039 χ^2/NDF : 2745.7/49

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 3.942 ± 0.252 $\chi^2/\text{NDF}: 1155.3/23$

Left Out: -2.055 ± 0.051 $\chi^2/\text{NDF}: 16042.5/24$

Right Out: -1.448 ± 0.209 $\chi^2/\text{NDF}: 4063.4/26$

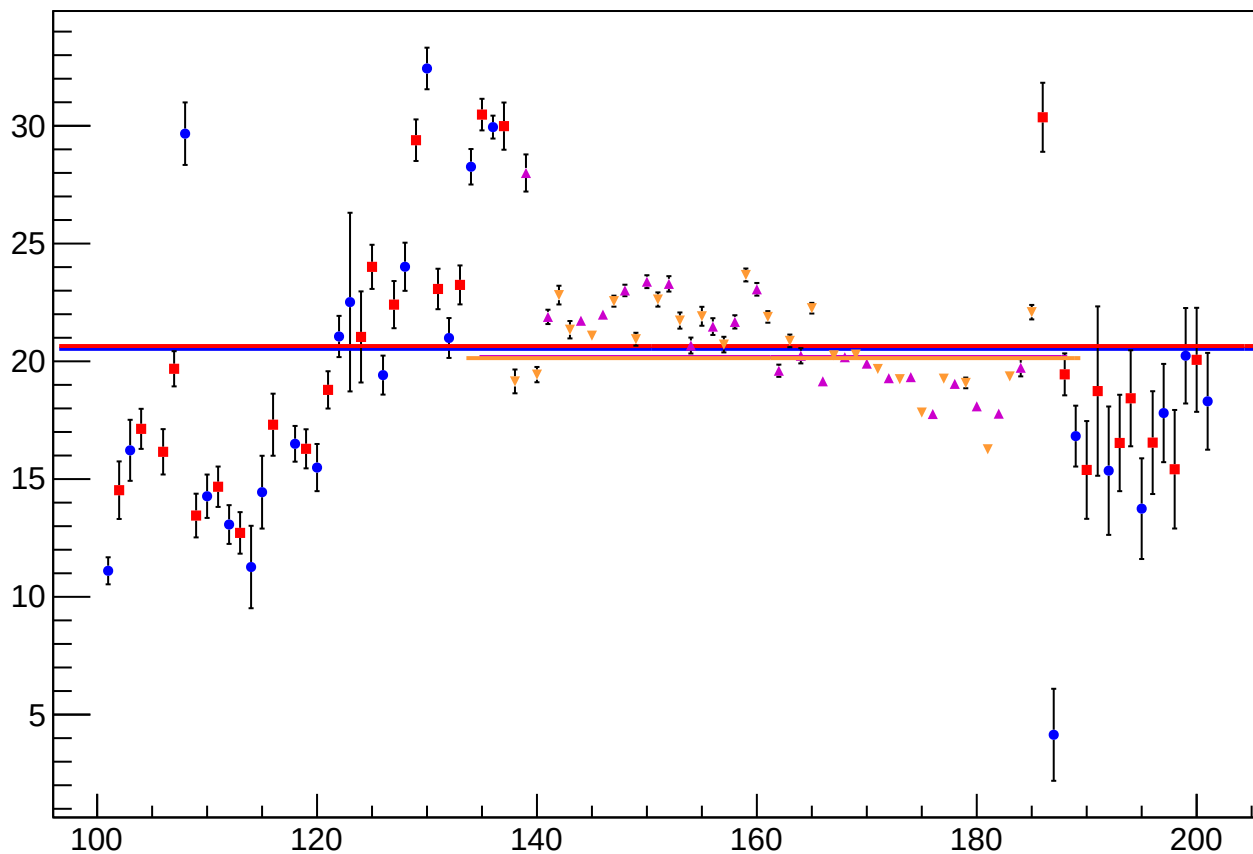
Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

+ sign -1.816 ± 0.050 $\chi^2/\text{NDF}: 17740.2/48$

All: -1.876 ± 0.035 $\chi^2/\text{NDF}: 37305.1/98$

- sign -1.934 ± 0.050 $\chi^2/\text{NDF}: 19562.0/49$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.530 ± 0.201 $\chi^2/\text{NDF}: 1325.0/23$

Left Out: 20.136 ± 0.046 $\chi^2/\text{NDF}: 1414.2/24$

Right Out: 20.649 ± 0.199 $\chi^2/\text{NDF}: 794.1/26$

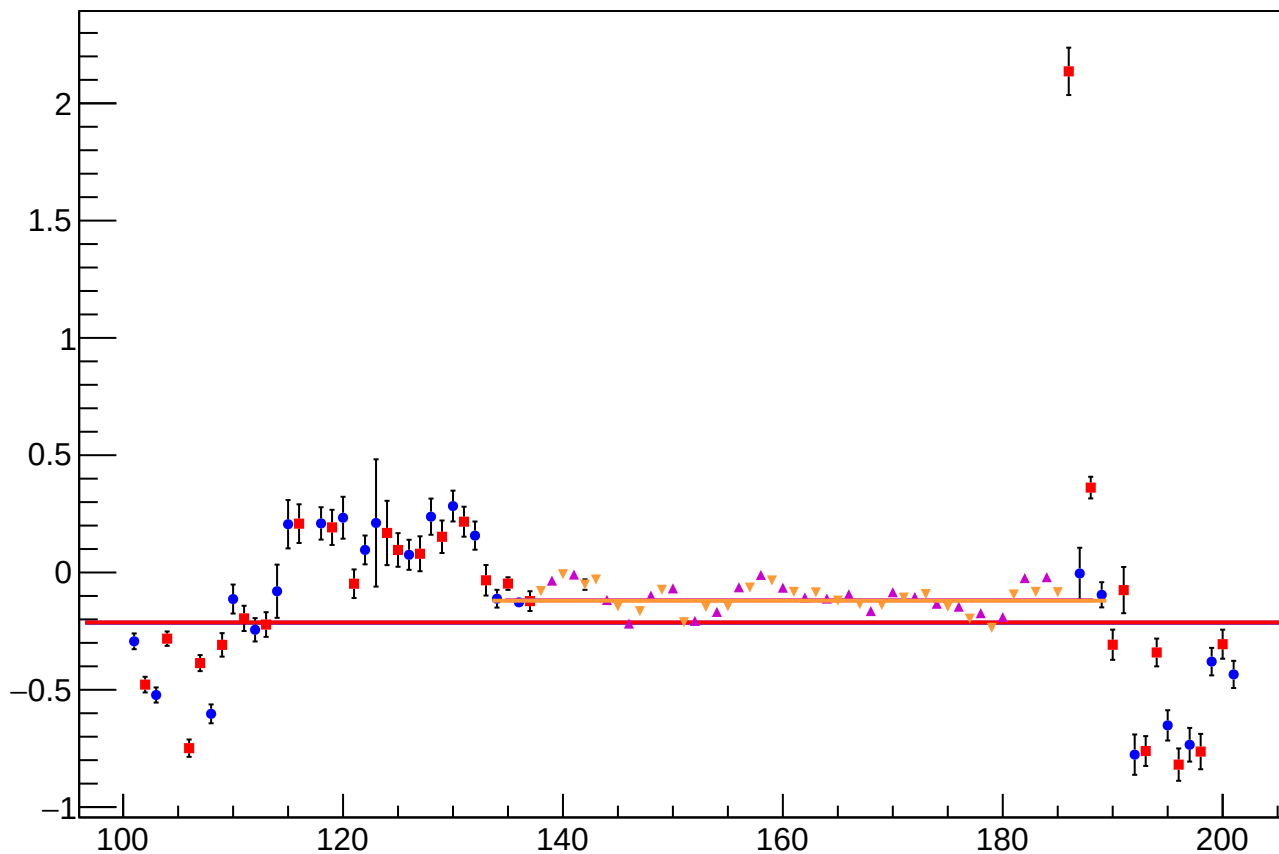
Left In: 20.184 ± 0.046 $\chi^2/\text{NDF}: 1470.7/22$

+ sign 20.155 ± 0.045 $\chi^2/\text{NDF}: 2742.8/48$

All: 20.182 ± 0.032 $\chi^2/\text{NDF}: 5013.4/98$

- sign 20.207 ± 0.045 $\chi^2/\text{NDF}: 2269.9/49$

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.214 ± 0.010 χ^2/NDF : 650.7/23

Left Out: -0.120 ± 0.002 χ^2/NDF : 532.4/24

Right Out: -0.213 ± 0.010 χ^2/NDF : 1448.1/26

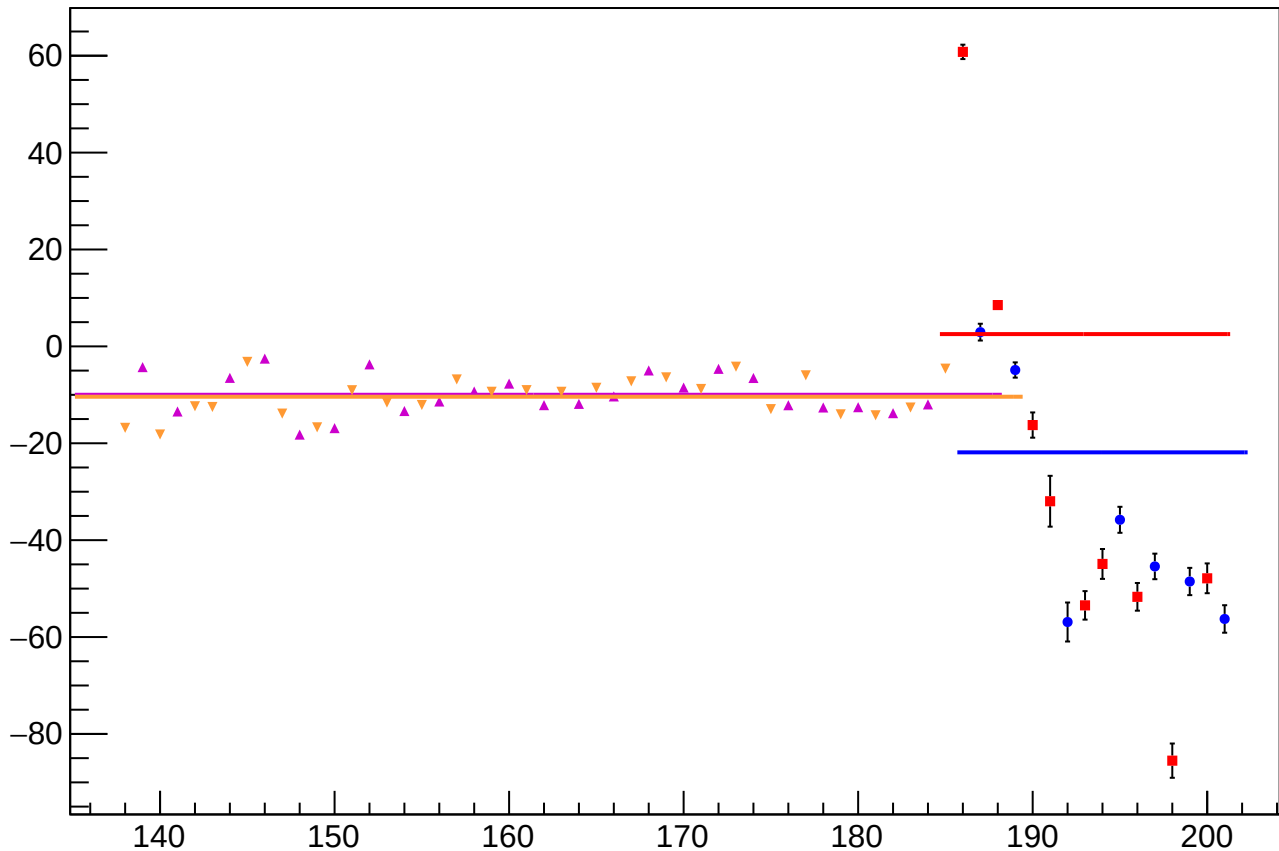
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.124 ± 0.002 χ^2/NDF : 1264.1/48

All: -0.123 ± 0.001 χ^2/NDF : 3528.7/98

- sign -0.123 ± 0.002 χ^2/NDF : 2264.4/49

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -21.875 ± 0.867 $\chi^2/\text{NDF}: 740.5/6$

Left Out: -10.392 ± 0.088 $\chi^2/\text{NDF}: 2112.5/24$

Right Out: 2.537 ± 0.630 $\chi^2/\text{NDF}: 3526.8/8$

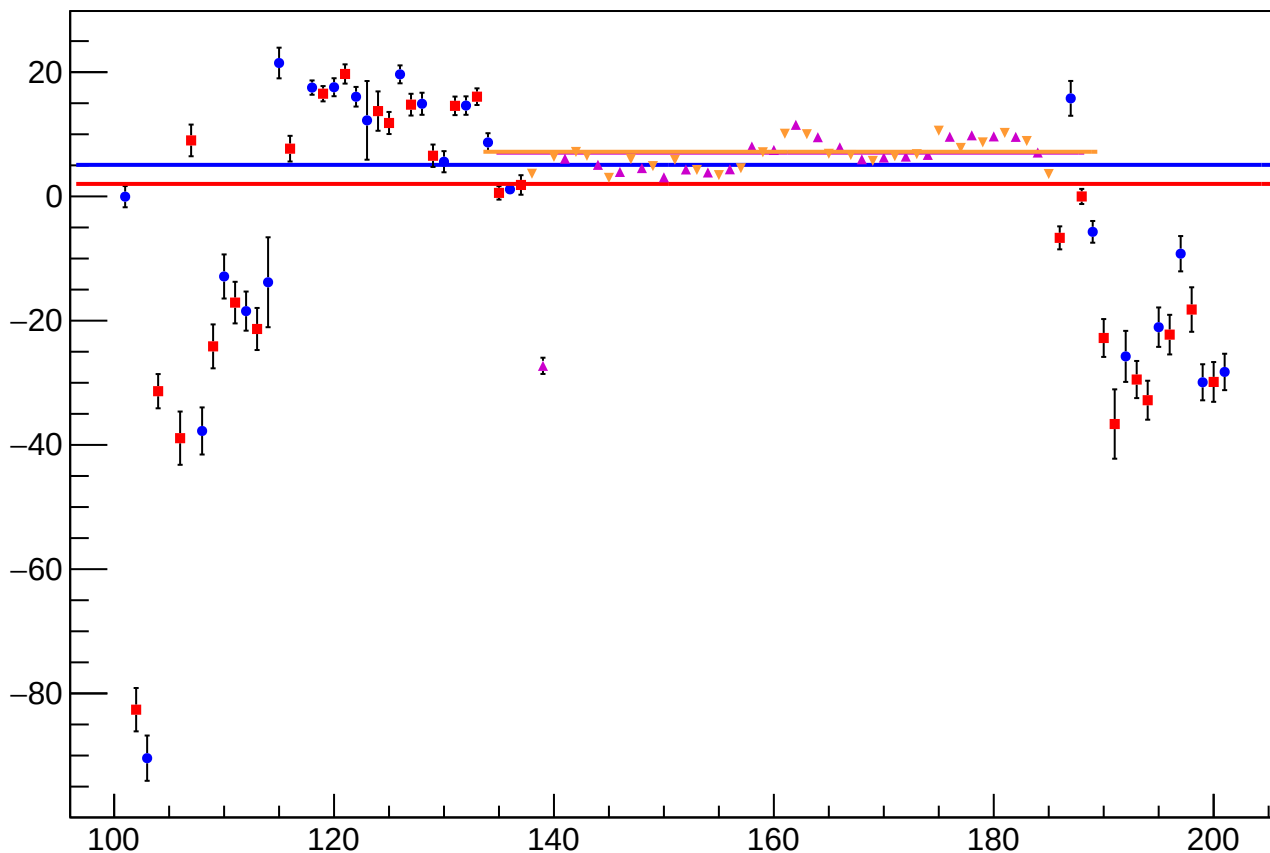
Left In: -9.990 ± 0.089 $\chi^2/\text{NDF}: 1794.2/22$

+ sign -10.509 ± 0.087 $\chi^2/\text{NDF}: 3026.7/31$

All: -10.130 ± 0.062 $\chi^2/\text{NDF}: 8773.2/63$

- sign -9.744 ± 0.088 $\chi^2/\text{NDF}: 5708.6/31$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 5.078 ± 0.374 χ^2/NDF : 1879.0/23

Left Out: 7.187 ± 0.074 χ^2/NDF : 916.3/24

Right Out: 2.012 ± 0.381 χ^2/NDF : 2093.5/26

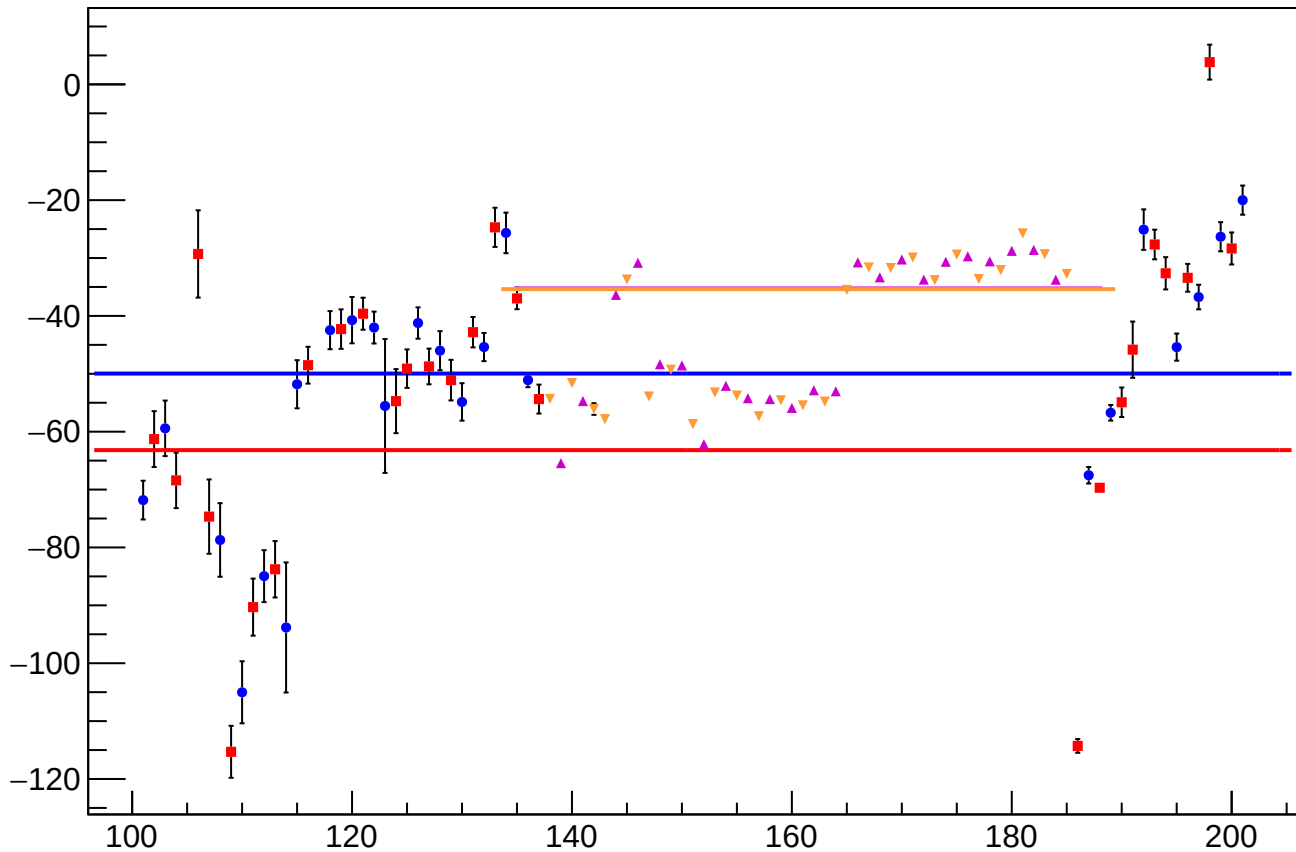
Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

+ sign 7.109 ± 0.072 χ^2/NDF : 2825.8/48

All: 6.985 ± 0.051 χ^2/NDF : 6698.0/98

- sign 6.860 ± 0.073 χ^2/NDF : 3866.3/49

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -49.958 ± 0.521 χ^2/NDF : 834.6/23

Left Out: -35.377 ± 0.089 χ^2/NDF : 12628.3/24

Right Out: -63.188 ± 0.436 χ^2/NDF : 3873.9/26

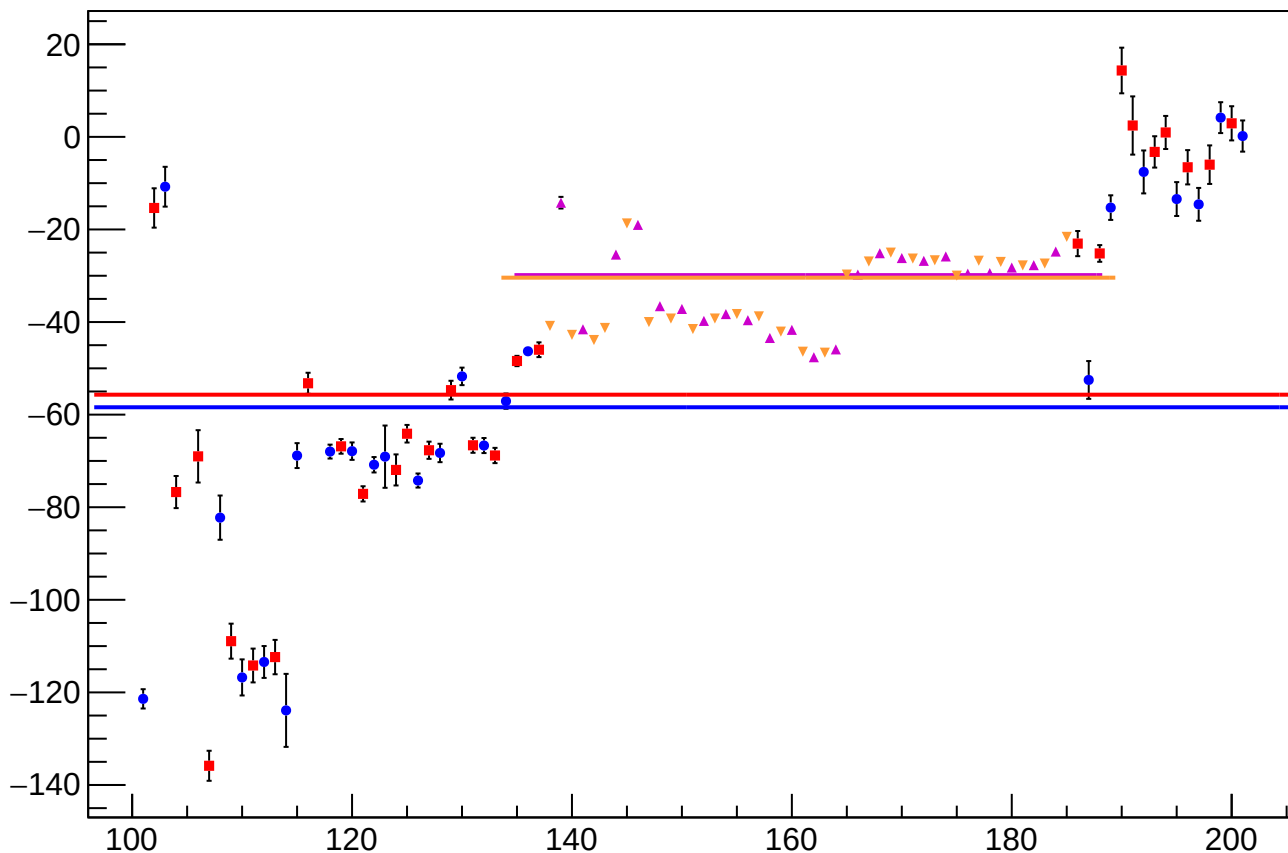
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.791 ± 0.088 χ^2/NDF : 14223.2/48

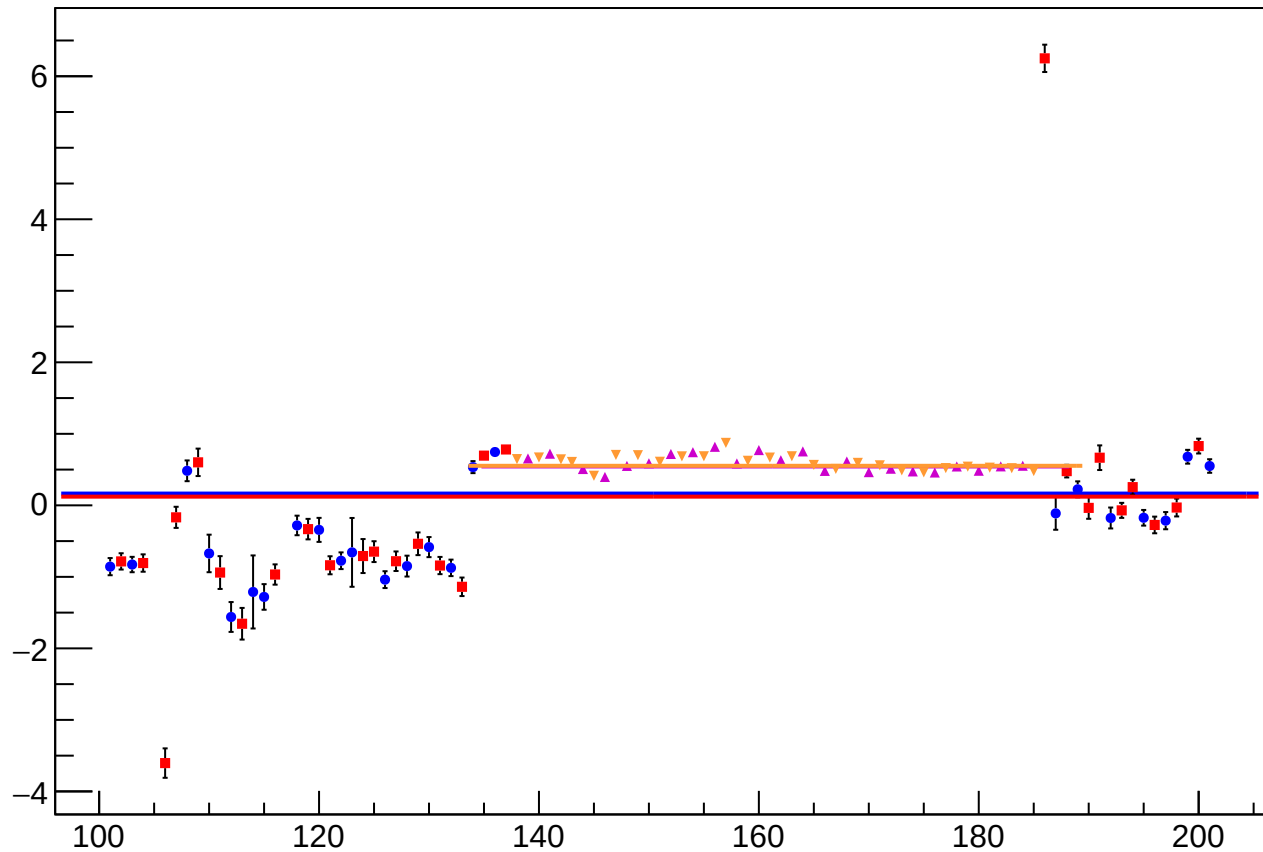
All: -36.092 ± 0.062 χ^2/NDF : 33821.5/98

- sign -36.395 ± 0.088 χ^2/NDF : 19574.8/49

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.165 $\pm$ 0.021 χ^2 /NDF: 1062.1/23

Left Out: 0.553 $\pm$ 0.004 χ^2 /NDF:542.9/24

Right Out: 0.122 $\pm$ 0.022 χ^2 /NDF: 2313.5/26

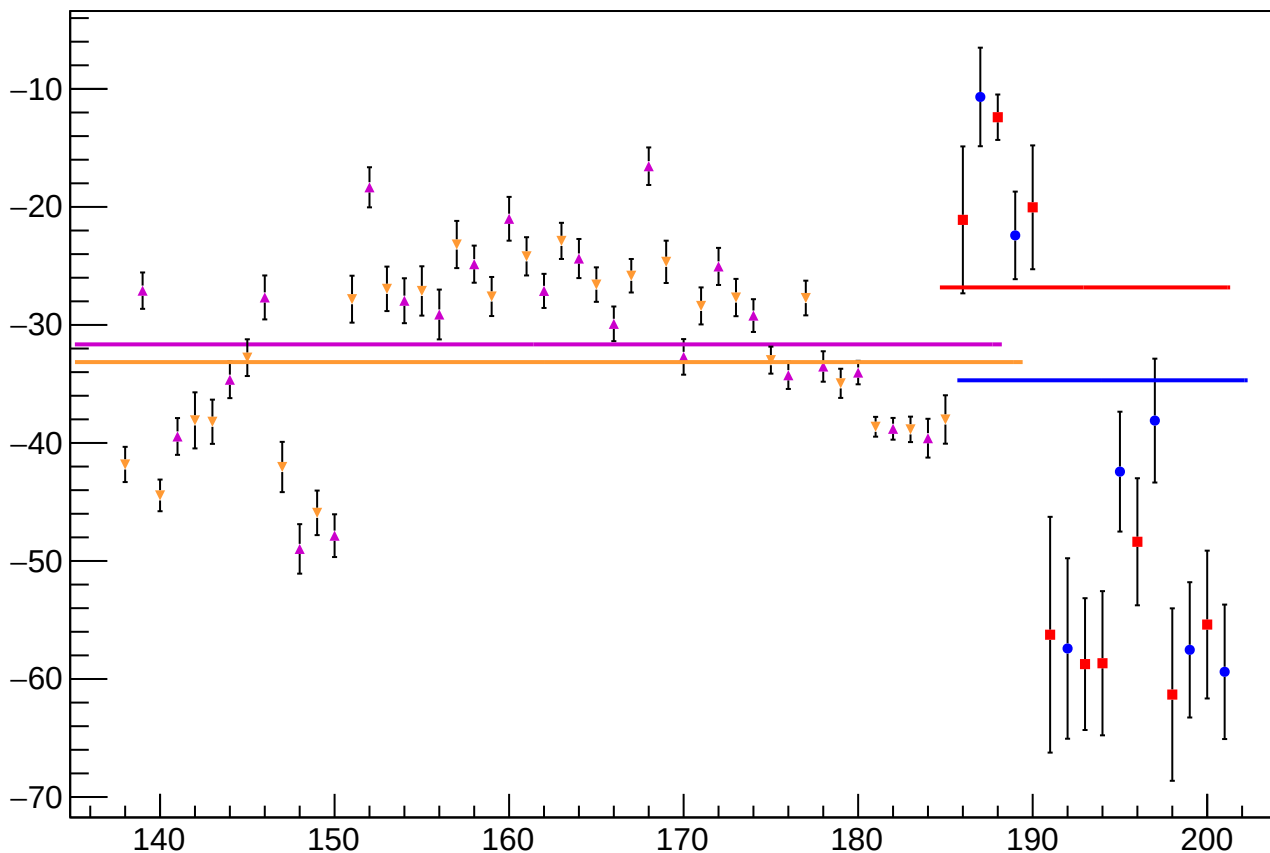
Left In: 0.544 $\pm$ 0.004 χ^2 /NDF:659.2/22

+ sign 0.541 $\pm$ 0.004 χ^2 /NDF: 1935.1/48

All: 0.536 $\pm$ 0.003 χ^2 /NDF: 5274.3/98

- sign 0.531 $\pm$ 0.004 χ^2 /NDF: 3335.6/49

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -34.692 ± 1.878 χ^2/NDF : 90.3/6

Left Out: -33.148 ± 0.301 χ^2/NDF : 500.0/24

Right Out: -26.821 ± 1.444 χ^2/NDF : 186.4/8

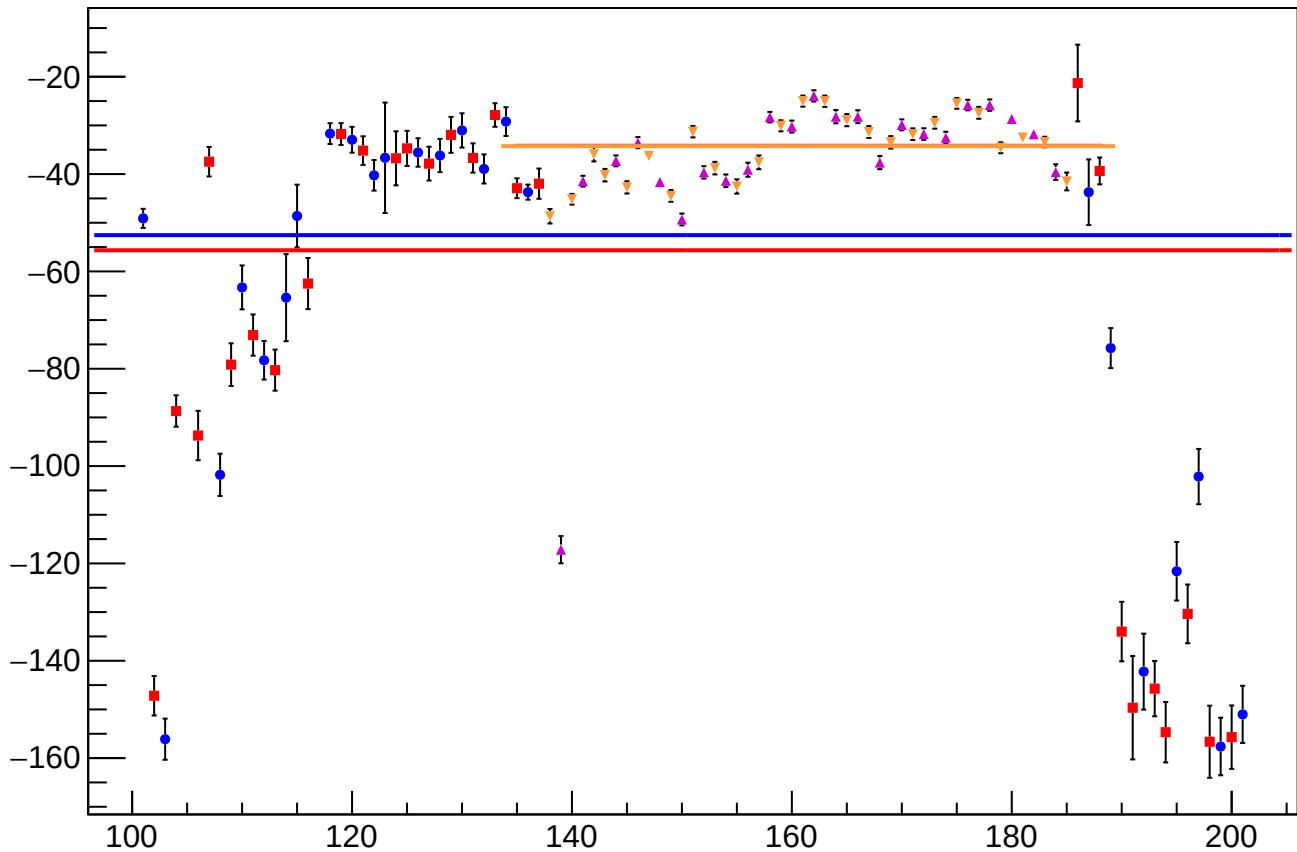
Left In: -31.647 ± 0.308 χ^2/NDF : 546.9/22

+ sign -33.187 ± 0.297 χ^2/NDF : 590.9/31

All: -32.323 ± 0.211 χ^2/NDF : 1352.0/63

- sign -31.437 ± 0.301 χ^2/NDF : 743.9/31

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -52.545 ± 0.685 $\chi^2/\text{NDF}: 2129.0/23$

Left Out: -34.256 ± 0.242 $\chi^2/\text{NDF}: 693.3/24$

Right Out: -55.653 ± 0.704 $\chi^2/\text{NDF}: 2670.3/26$

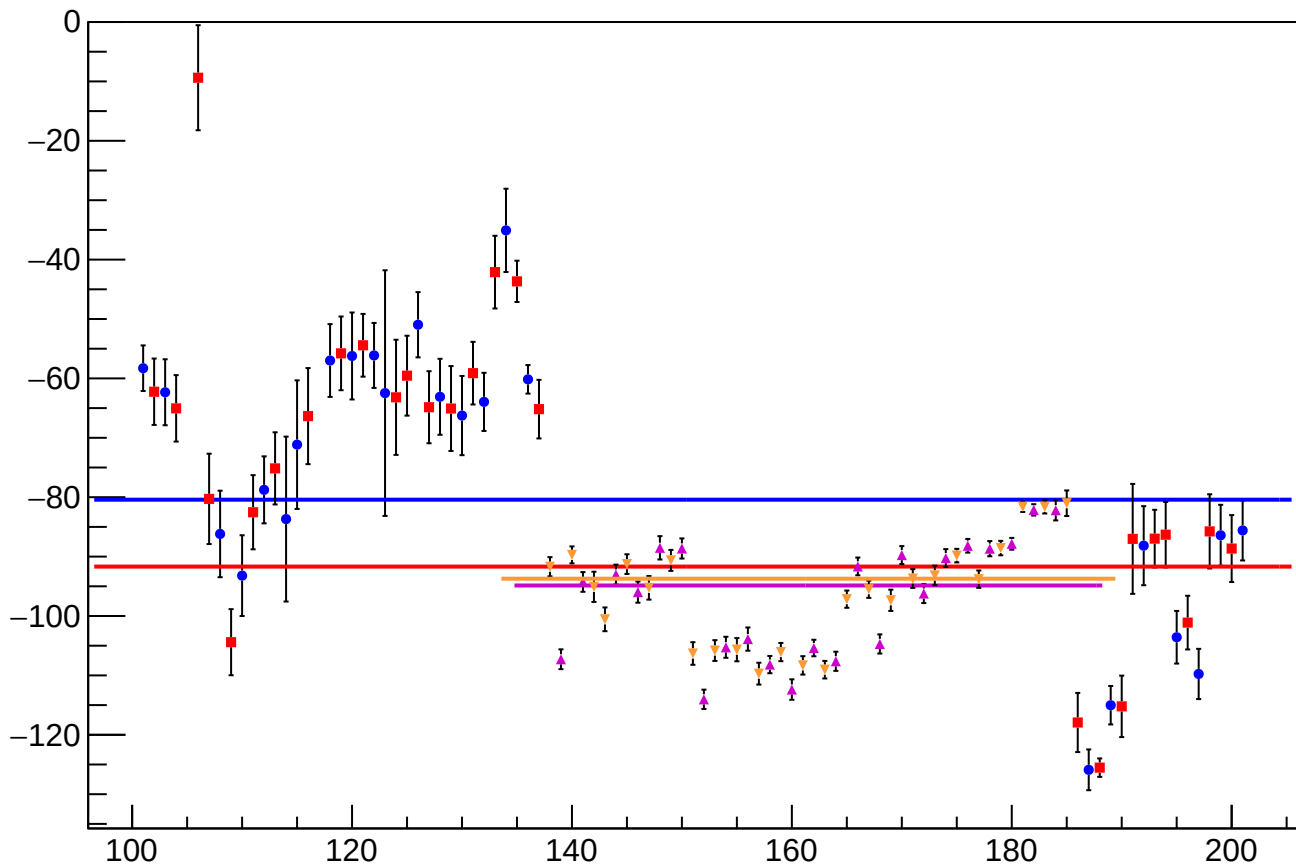
Left In: -34.189 ± 0.250 $\chi^2/\text{NDF}: 1546.1/22$

+ sign -36.284 ± 0.228 $\chi^2/\text{NDF}: 3455.2/48$

All: -36.437 ± 0.164 $\chi^2/\text{NDF}: 8498.7/98$

- sign -36.599 ± 0.236 $\chi^2/\text{NDF}: 5042.6/49$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -80.419 ± 1.016 χ^2/NDF : 629.0/23

Left Out: -93.719 ± 0.302 χ^2/NDF : 878.2/24

Right Out: -91.680 ± 0.910 χ^2/NDF : 1168.0/26

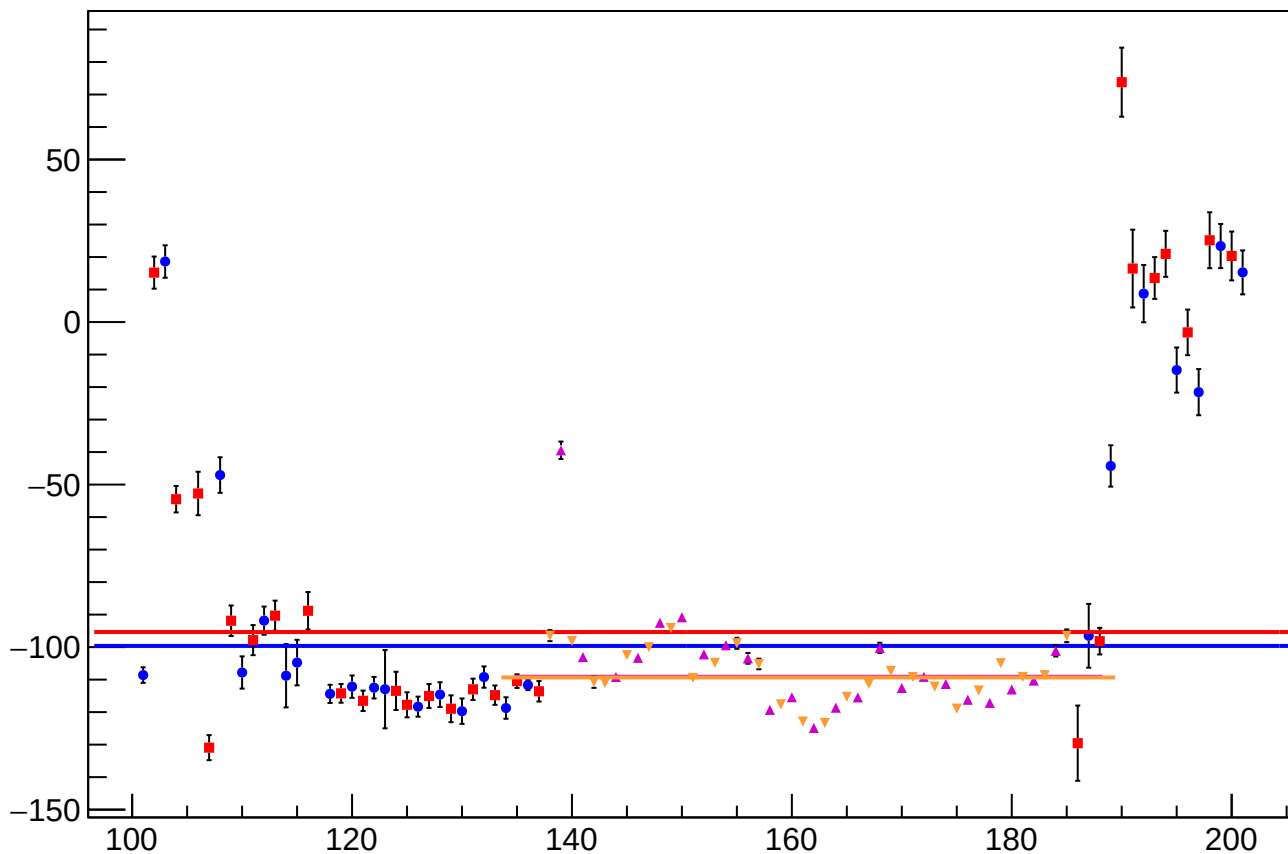
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.637 ± 0.290 χ^2/NDF : 1664.7/48

All: -93.581 ± 0.205 χ^2/NDF : 3850.5/98

- sign -94.535 ± 0.291 χ^2/NDF : 2164.5/49

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -99.637 ± 0.778 χ^2/NDF : 2026.7/23

Left Out: -109.338 ± 0.272 χ^2/NDF : 826.2/24

Right Out: -95.364 ± 0.810 χ^2/NDF : 2595.4/26

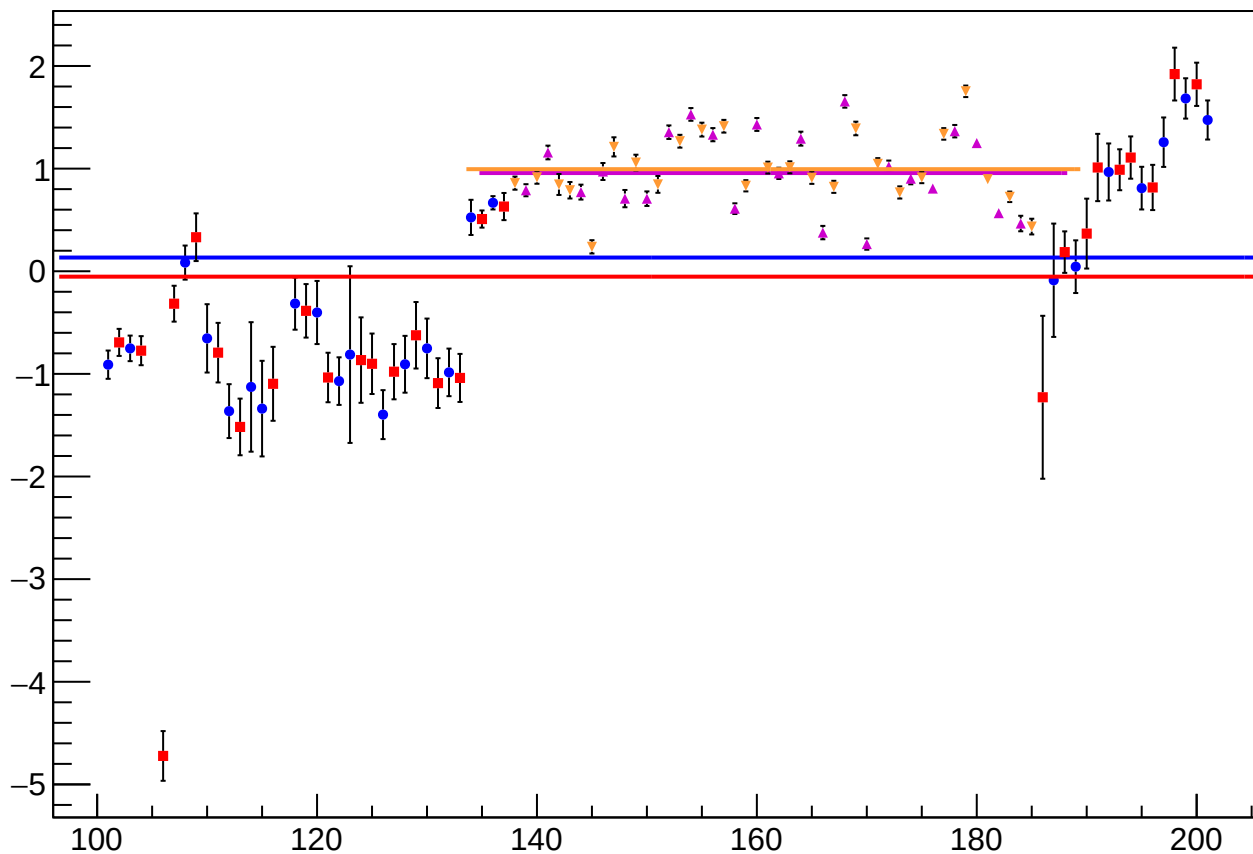
Left In: -109.126 ± 0.279 χ^2/NDF : 1578.7/22

+ sign -108.283 ± 0.257 χ^2/NDF : 2991.4/48

All: -107.982 ± 0.184 χ^2/NDF : 7426.5/98

- sign -107.665 ± 0.264 χ^2/NDF : 4432.3/49

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.134 ± 0.038 χ^2/NDF : 508.4/23

Left Out: 0.995 ± 0.012 χ^2/NDF : 635.3/24

Right Out: -0.053 ± 0.039 χ^2/NDF : 850.6/26

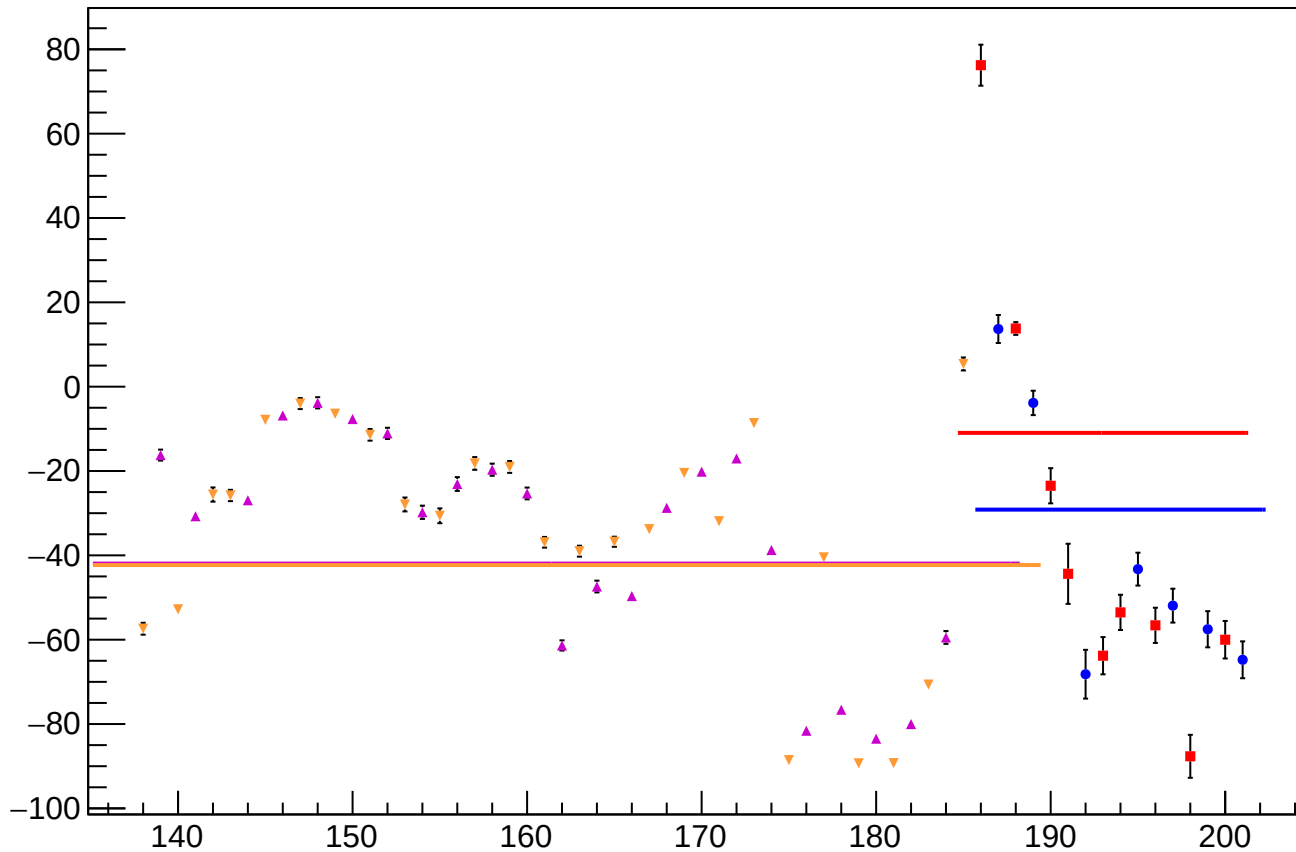
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.912 ± 0.012 χ^2/NDF : 1604.5/48

All: 0.886 ± 0.008 χ^2/NDF : 3975.5/98

- sign 0.860 ± 0.012 χ^2/NDF : 2361.6/49

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -29.155 ± 1.452 $\chi^2/\text{NDF}: 443.6/6$

Left Out: -42.295 ± 0.222 $\chi^2/\text{NDF}: 18267.5/24$

Right Out: -10.956 ± 1.108 $\chi^2/\text{NDF}: 1335.5/8$

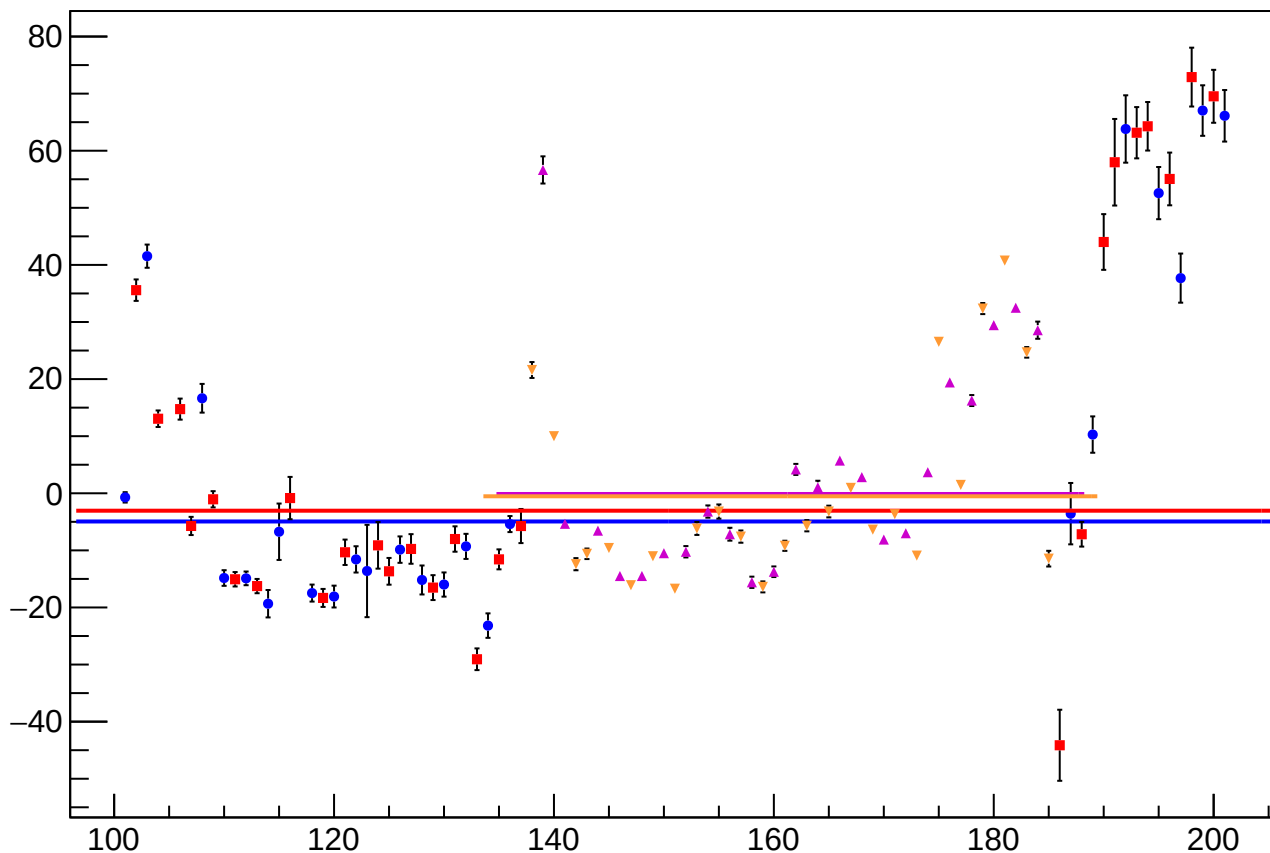
Left In: -41.955 ± 0.226 $\chi^2/\text{NDF}: 14723.4/22$

+ sign -41.994 ± 0.220 $\chi^2/\text{NDF}: 18791.2/31$

All: -41.360 ± 0.156 $\chi^2/\text{NDF}: 35617.9/63$

- sign -40.718 ± 0.221 $\chi^2/\text{NDF}: 16809.9/31$

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -4.938 ± 0.414 χ^2/NDF : 1955.4/23

Left Out: -0.527 ± 0.175 χ^2/NDF : 8707.9/24

Right Out: -3.052 ± 0.410 χ^2/NDF : 2529.6/26

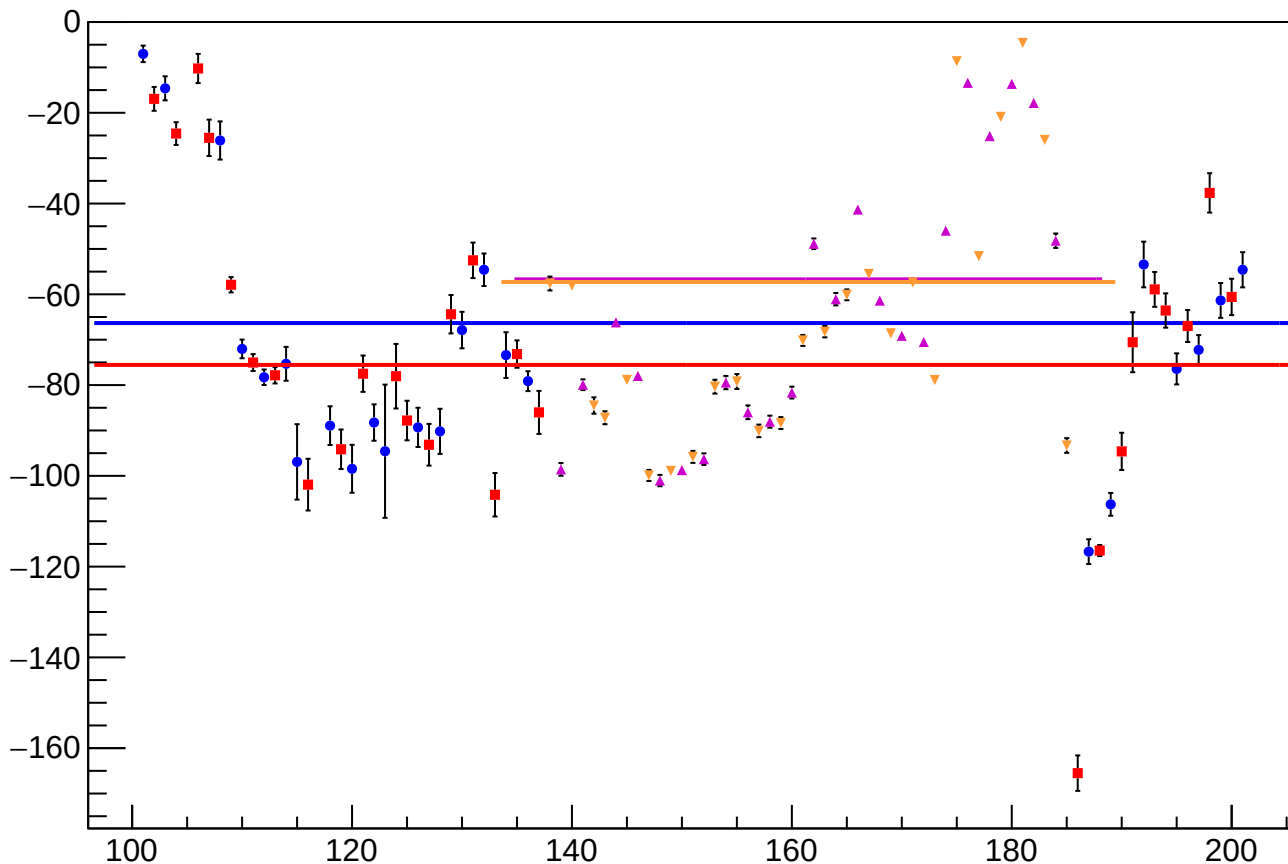
Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

+ sign -1.195 ± 0.161 χ^2/NDF : 10759.7/48

All: -0.898 ± 0.115 χ^2/NDF : 20264.1/98

- sign -0.591 ± 0.164 χ^2/NDF : 9497.5/49

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -66.328 $\pm$ 0.638 χ^2 /NDF: 2433.8/23

Left Out: -57.276 $\pm$ 0.224 χ^2 /NDF:18511.1/24

Right Out: -75.558 $\pm$ 0.563 χ^2 /NDF: 3538.4/26

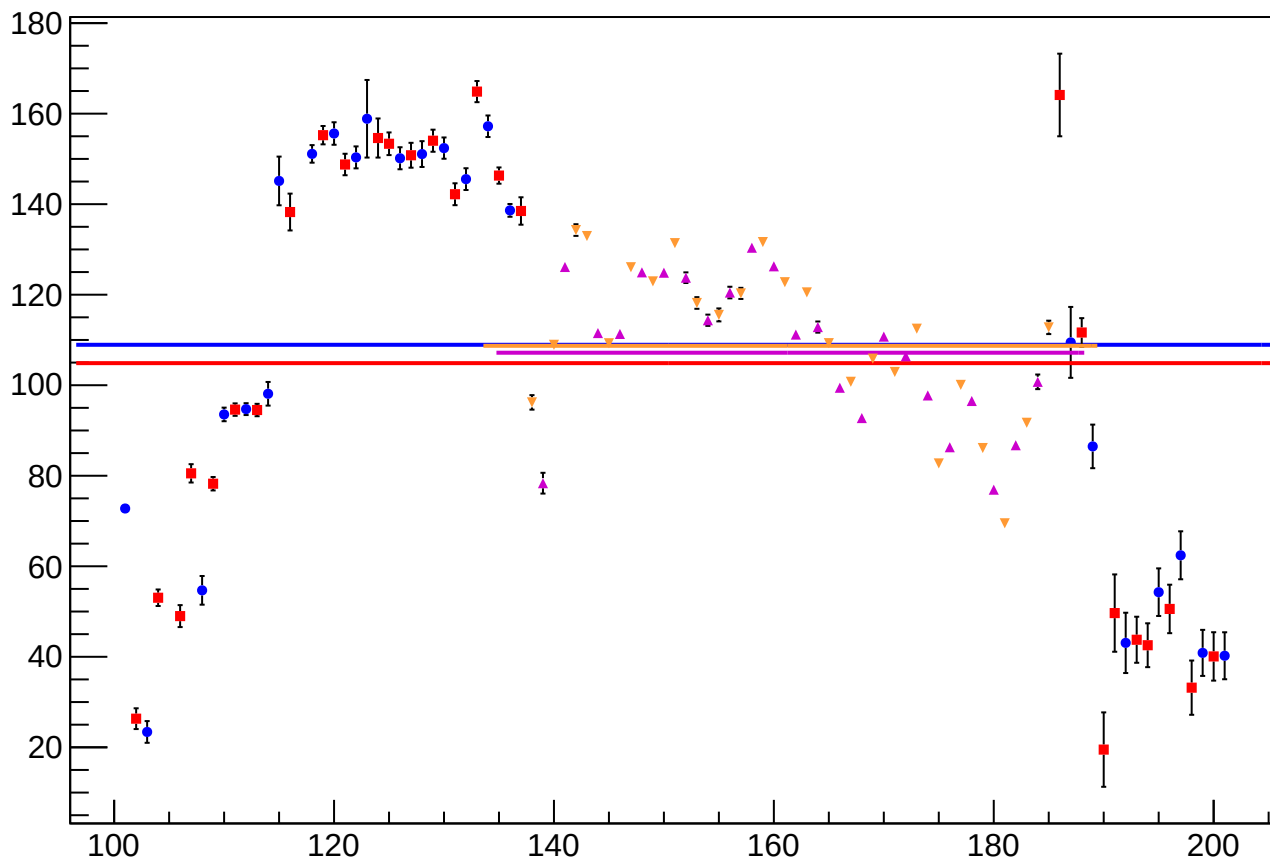
Left In: -56.705 $\pm$ 0.226 χ^2 /NDF:16547.5/22

+ sign -58.265 $\pm$ 0.211 χ^2 /NDF: 21124.0/48

All: -58.795 $\pm$ 0.149 χ^2 /NDF: 42187.5/98

- sign -59.320 $\pm$ 0.210 χ^2 /NDF: 21050.9/49

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 108.933 ± 0.474 $\chi^2/\text{NDF}: 6648.4/23$

Left Out: 108.709 ± 0.198 $\chi^2/\text{NDF}: 7297.0/24$

Right Out: 104.878 ± 0.471 $\chi^2/\text{NDF}: 7761.3/26$

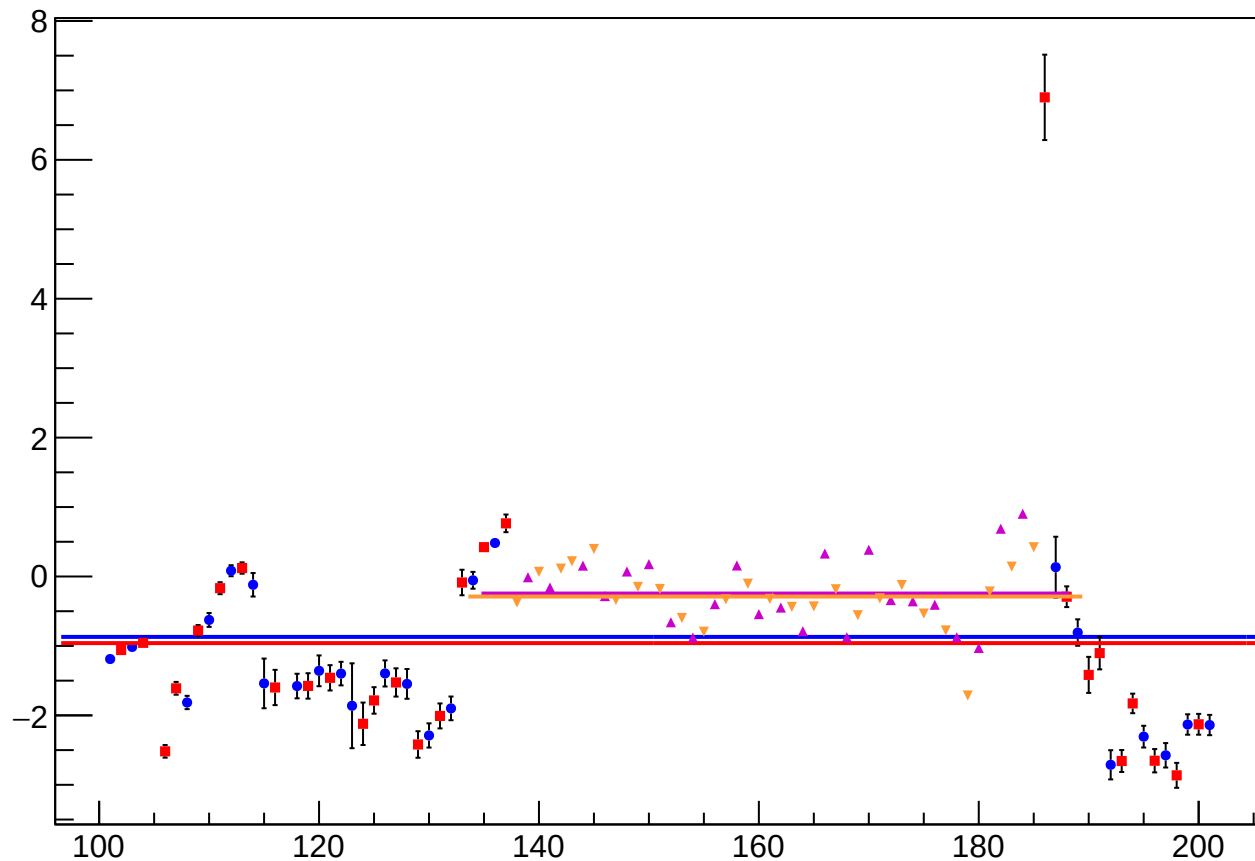
Left In: 107.180 ± 0.202 $\chi^2/\text{NDF}: 5592.3/22$

+ sign 108.742 ± 0.182 $\chi^2/\text{NDF}: 13945.6/48$

All: 107.798 ± 0.130 $\chi^2/\text{NDF}: 27373.7/98$

- sign 106.824 ± 0.185 $\chi^2/\text{NDF}: 13373.8/49$

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.870 ± 0.024 χ^2/NDF : 1449.1/23

Left Out: -0.289 ± 0.009 χ^2/NDF : 2039.6/24

Right Out: -0.959 ± 0.023 χ^2/NDF : 1960.5/26

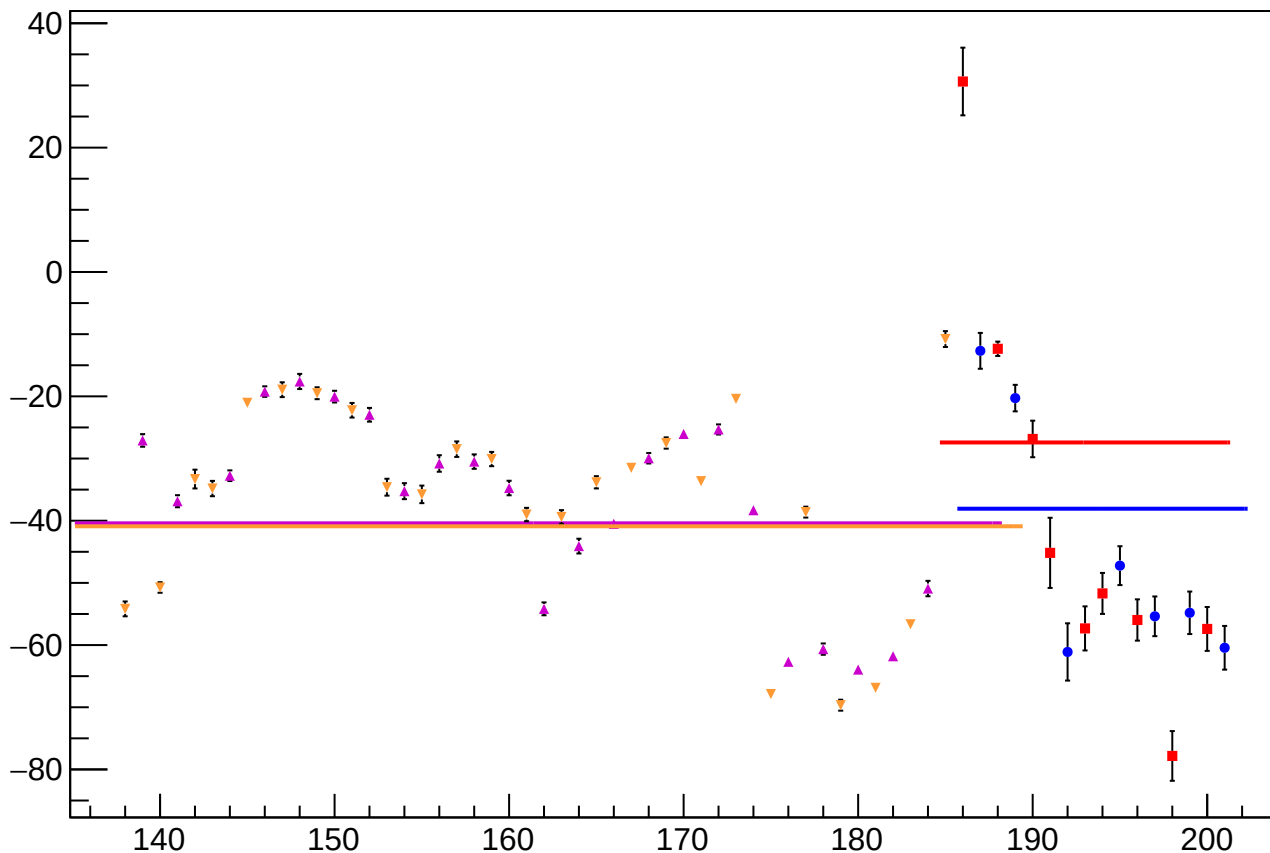
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.361 ± 0.009 χ^2/NDF : 3998.9/48

All: -0.354 ± 0.006 χ^2/NDF : 9617.9/98

- sign -0.347 ± 0.009 χ^2/NDF : 5617.5/49

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -38.072 ± 1.152 $\chi^2/\text{NDF}: 274.5/6$

Left Out: -40.897 ± 0.186 $\chi^2/\text{NDF}: 9114.7/24$

Right Out: -27.416 ± 0.865 $\chi^2/\text{NDF}: 724.3/8$

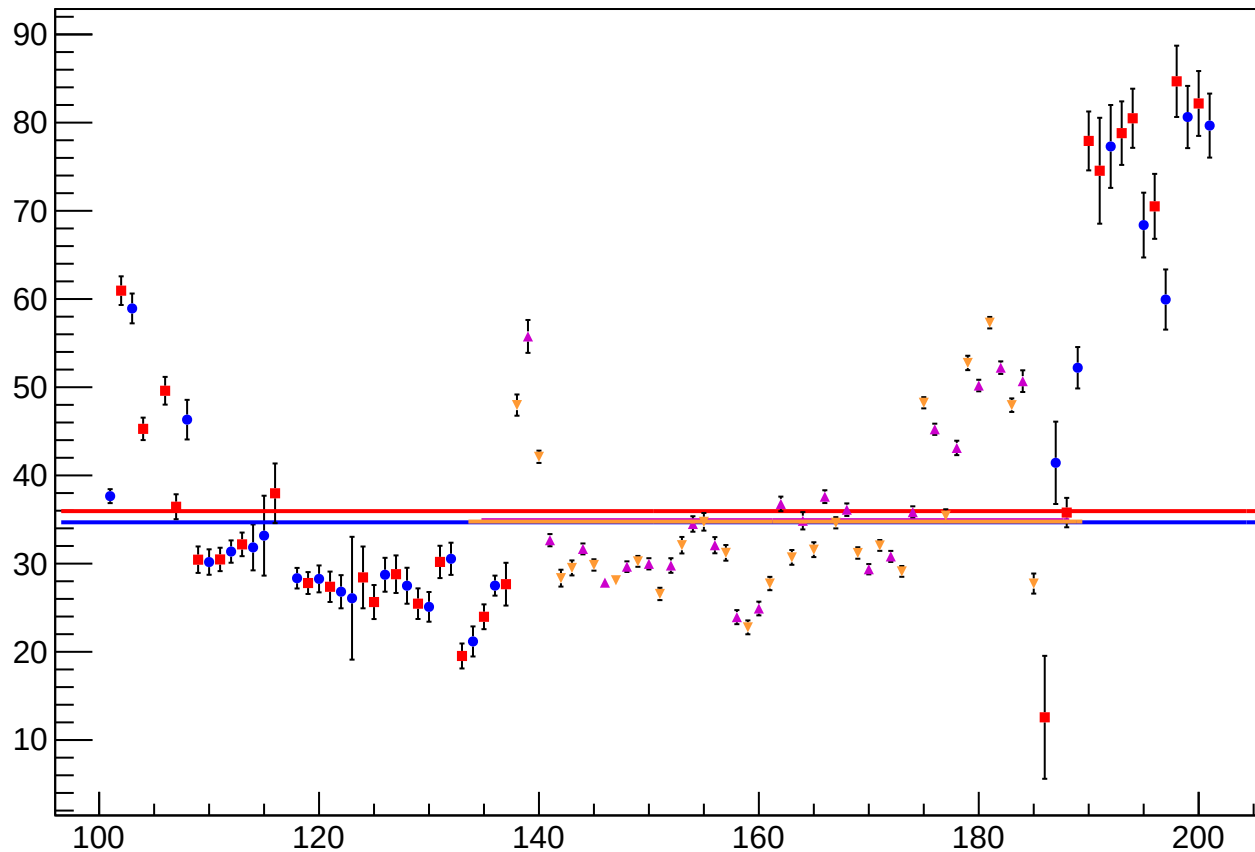
Left In: -40.422 ± 0.189 $\chi^2/\text{NDF}: 7030.2/22$

+ sign -40.825 ± 0.184 $\chi^2/\text{NDF}: 9395.1/31$

All: -40.329 ± 0.130 $\chi^2/\text{NDF}: 17379.7/63$

- sign -39.830 ± 0.185 $\chi^2/\text{NDF}: 7970.1/31$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 34.683 $\pm$ 0.358 χ^2 /NDF: 1095.7/23

Left Out: 34.768 $\pm$ 0.148 χ^2 /NDF:3677.3/24

Right Out: 35.952 $\pm$ 0.358 χ^2 /NDF: 1702.4/26

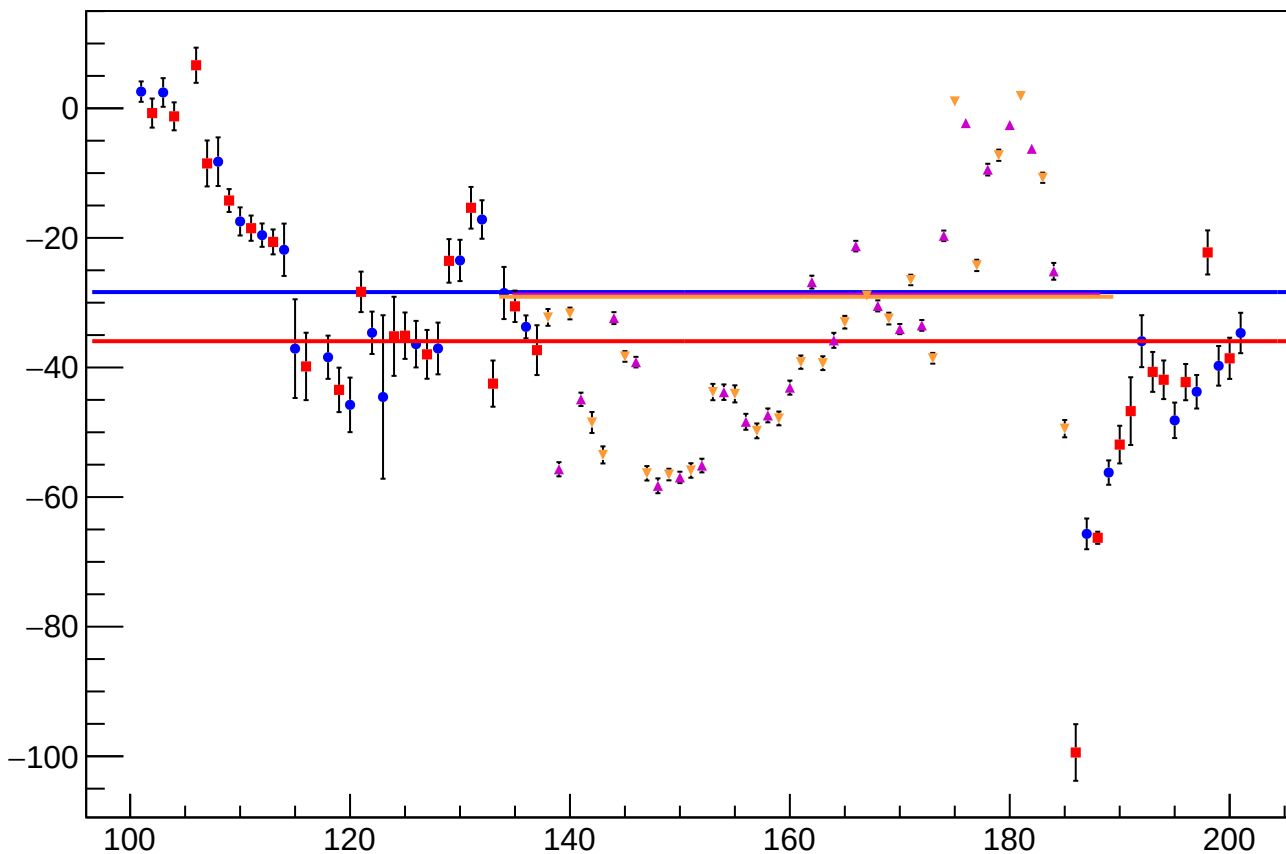
Left In: 34.928 $\pm$ 0.151 χ^2 /NDF:2688.4/22

+ sign 34.755 $\pm$ 0.137 χ^2 /NDF: 4773.1/48

All: 34.916 $\pm$ 0.098 χ^2 /NDF: 9173.7/98

- sign 35.083 $\pm$ 0.139 χ^2 /NDF: 4397.7/49

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -28.362 ± 0.553 χ^2/NDF : 1305.5/23

Left Out: -29.080 ± 0.187 χ^2/NDF : 10059.5/24

Right Out: -35.944 ± 0.484 χ^2/NDF : 2508.3/26

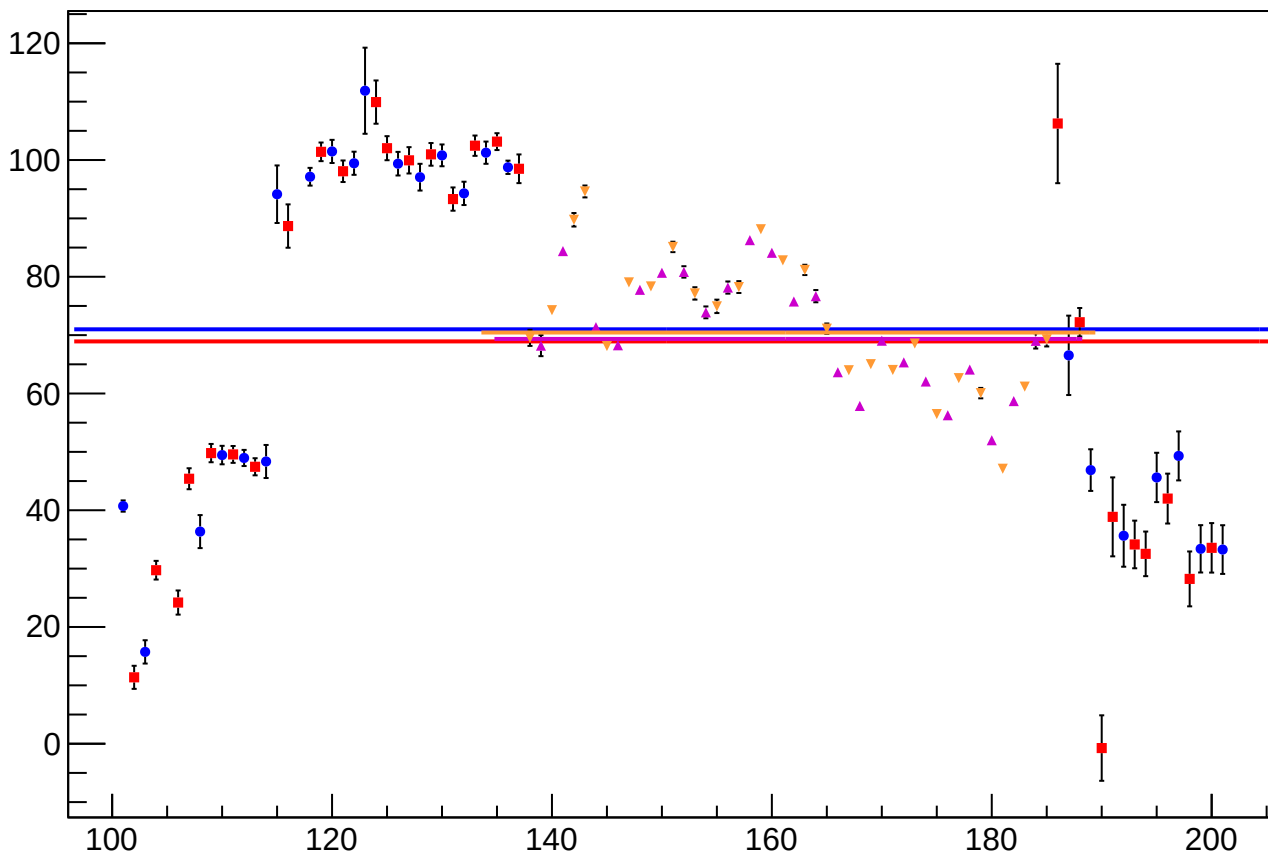
Left In: -28.735 ± 0.189 χ^2/NDF : 9155.5/22

+ sign -29.006 ± 0.177 χ^2/NDF : 11366.5/48

All: -29.350 ± 0.125 χ^2/NDF : 23230.3/98

- sign -29.688 ± 0.176 χ^2/NDF : 11856.3/49

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 70.998 $\pm$ 0.412 χ^2 /NDF: 5078.6/23

Left Out: 70.450 $\pm$ 0.167 χ^2 /NDF:4484.7/24

Right Out: 68.924 $\pm$ 0.415 χ^2 /NDF: 5932.3/26

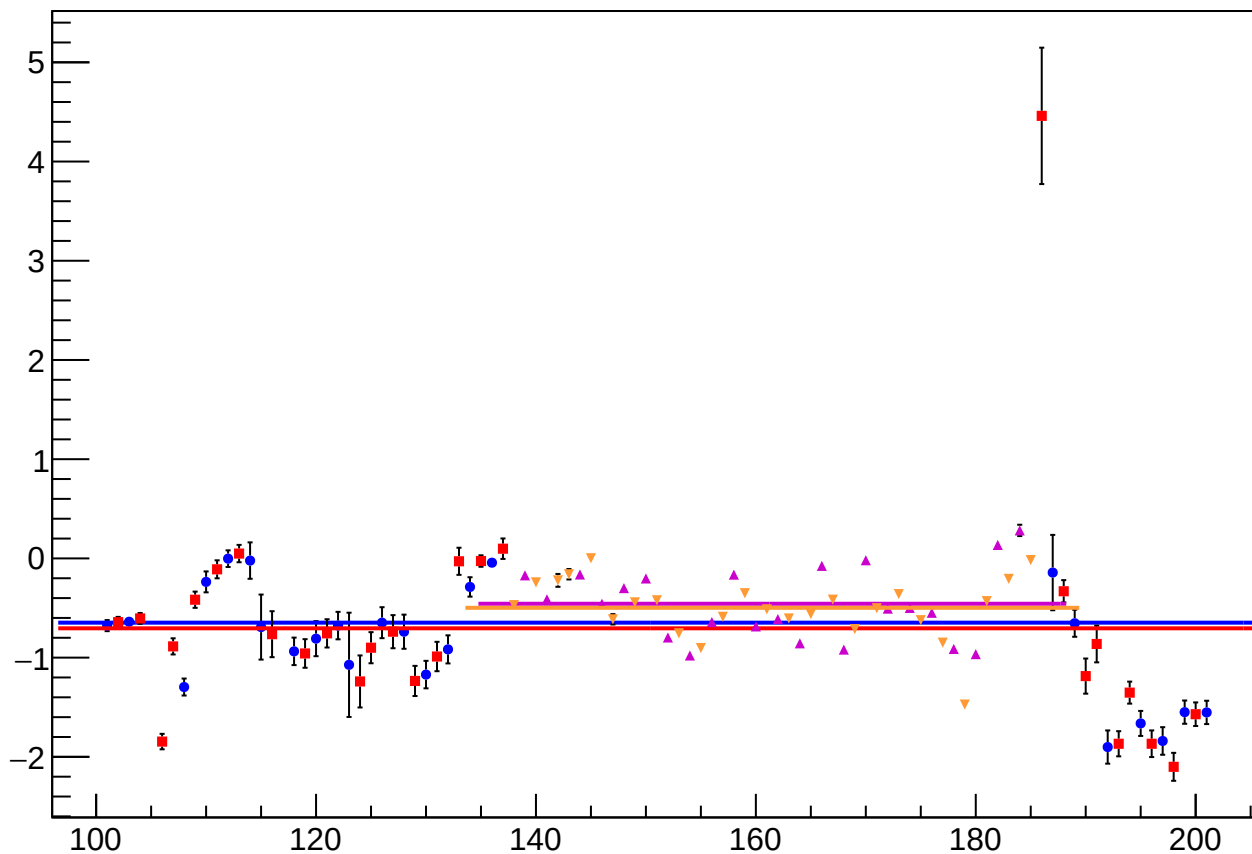
Left In: 69.350 $\pm$ 0.170 χ^2 /NDF:3330.7/22

+ sign 70.526 $\pm$ 0.154 χ^2 /NDF: 9564.7/48

All: 69.918 $\pm$ 0.110 χ^2 /NDF: 18860.2/98

- sign 69.289 $\pm$ 0.157 χ^2 /NDF: 9263.9/49

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.648 ± 0.021 χ^2/NDF : 662.5/23

Left Out: -0.498 ± 0.008 χ^2/NDF : 1440.7/24

Right Out: -0.705 ± 0.020 χ^2/NDF : 1022.3/26

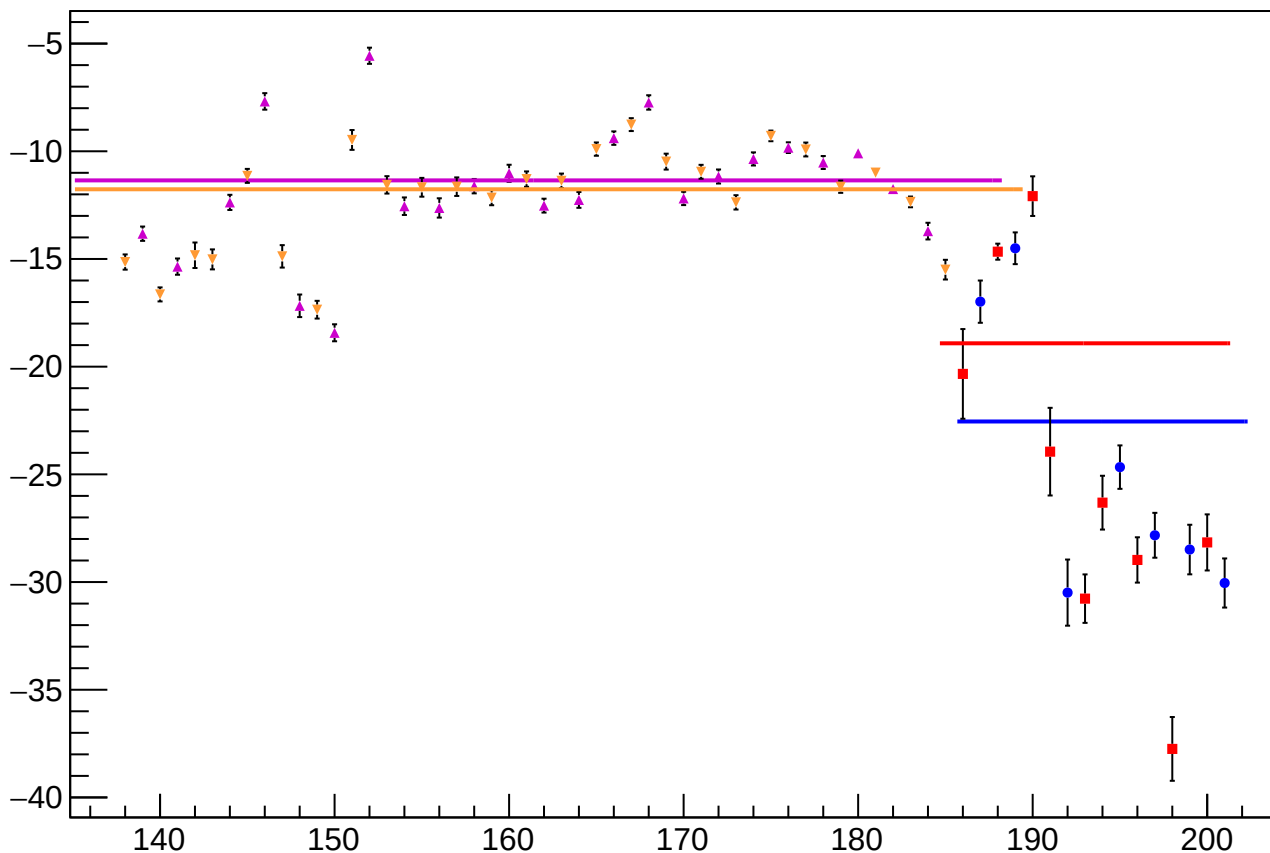
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.516 ± 0.007 χ^2/NDF : 2149.9/48

All: -0.503 ± 0.005 χ^2/NDF : 5292.9/98

- sign -0.490 ± 0.007 χ^2/NDF : 3136.5/49

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -22.545 ± 0.385 χ^2/NDF : 278.0/6

Left Out: -11.764 ± 0.067 χ^2/NDF : 1025.9/24

Right Out: -18.916 ± 0.286 χ^2/NDF : 642.1/8

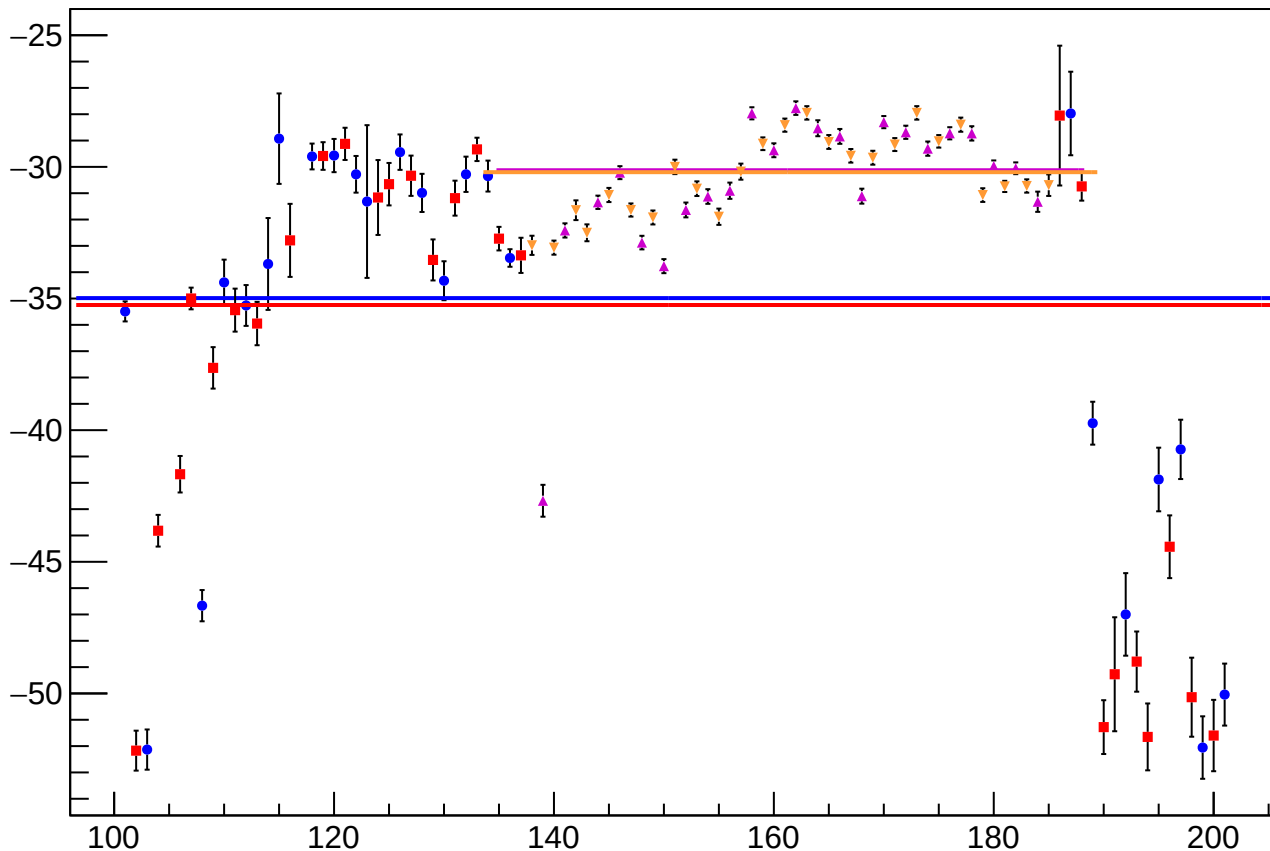
Left In: -11.352 ± 0.068 χ^2/NDF : 1280.6/22

+ sign -12.079 ± 0.066 χ^2/NDF : 2063.6/31

All: -11.916 ± 0.047 χ^2/NDF : 4662.2/63

- sign -11.754 ± 0.066 χ^2/NDF : 2586.4/31

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.984 ± 0.142 χ^2/NDF : 1921.3/23

Left Out: -30.201 ± 0.054 χ^2/NDF : 725.7/24

Right Out: -35.246 ± 0.139 χ^2/NDF : 2333.6/26

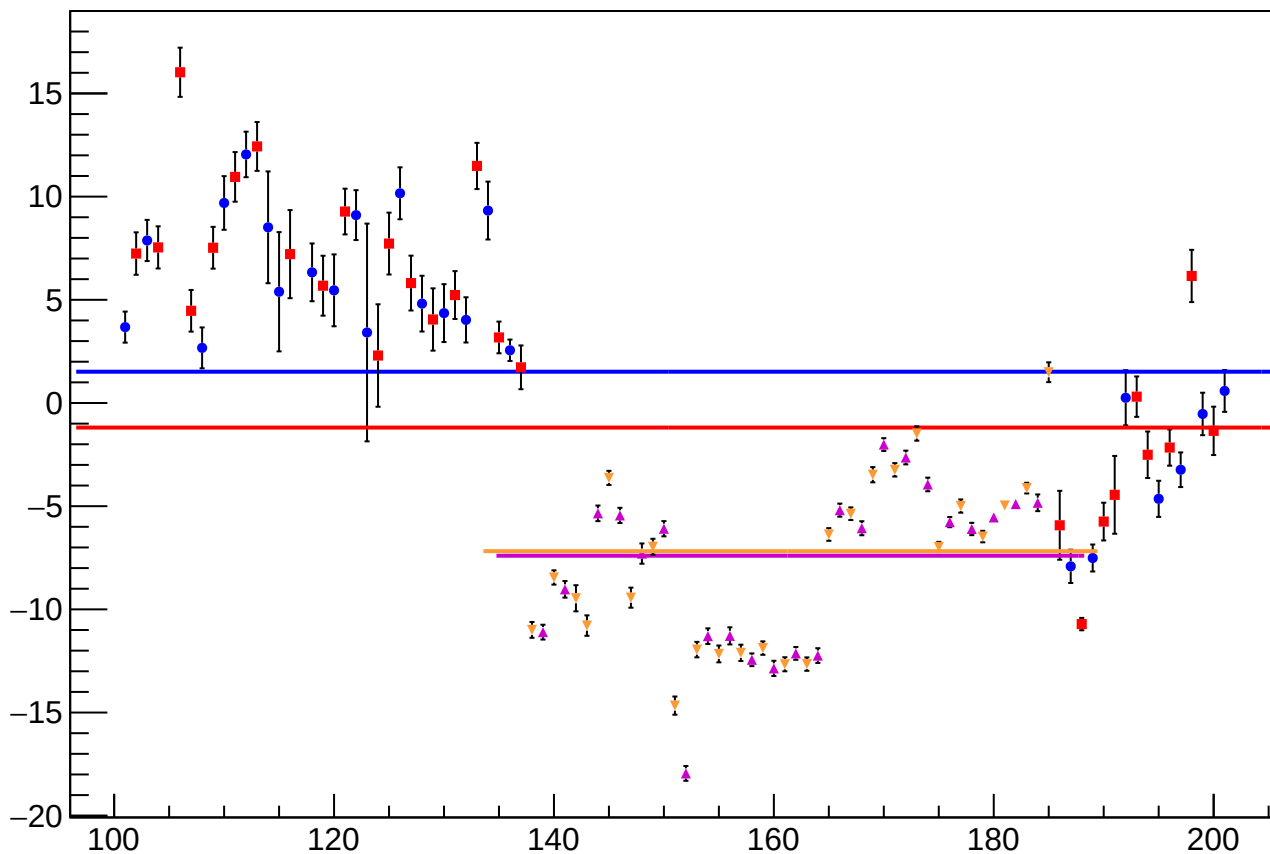
Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

+ sign -30.801 ± 0.050 χ^2/NDF : 3632.4/48

All: -30.814 ± 0.036 χ^2/NDF : 8425.3/98

- sign -30.828 ± 0.051 χ^2/NDF : 4792.8/49

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 1.516 $\pm$ 0.209 χ^2 /NDF: 757.8/23

Left Out: -7.180 $\pm$ 0.067 χ^2 /NDF:3015.8/24

Right Out: -1.190 $\pm$ 0.181 χ^2 /NDF: 2172.2/26

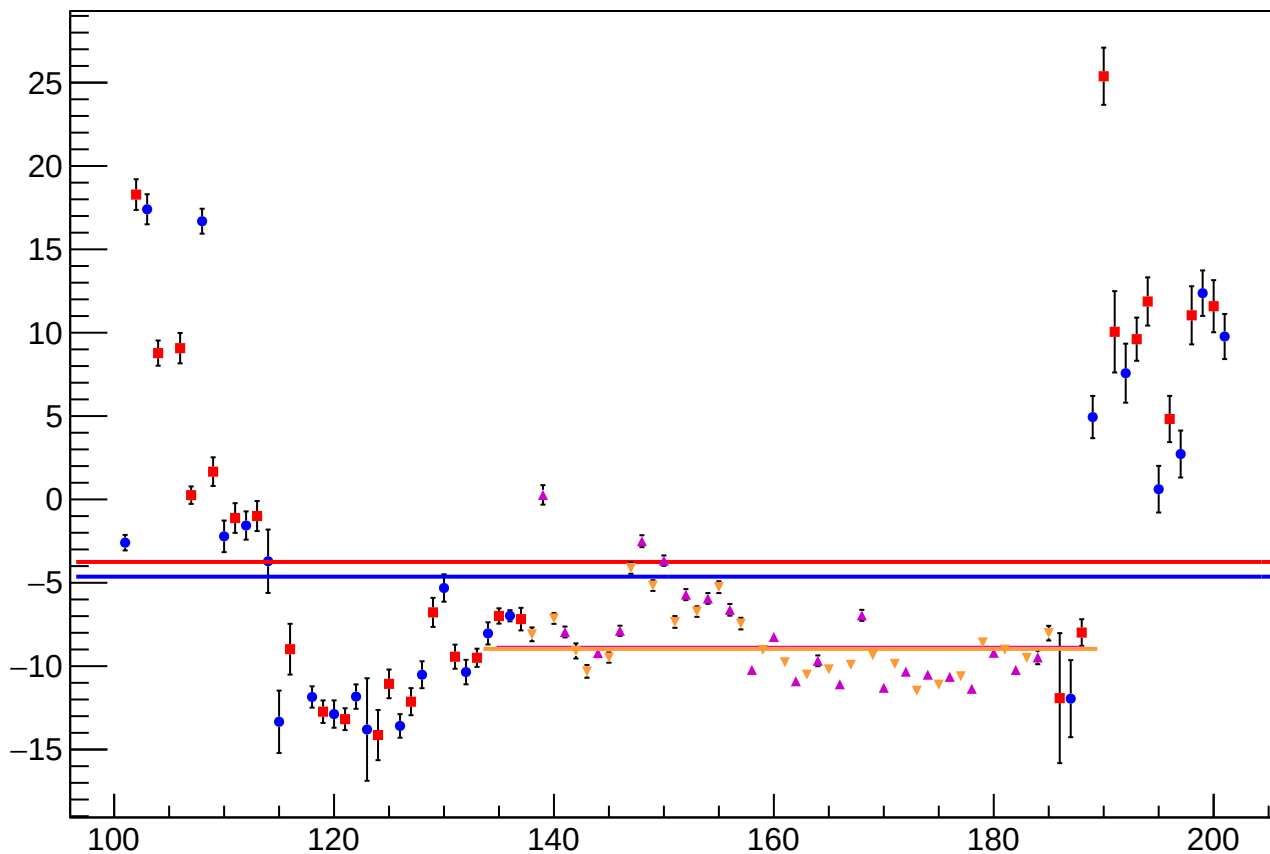
Left In: -7.400 $\pm$ 0.068 χ^2 /NDF:3134.9/22

+ sign -6.372 $\pm$ 0.064 χ^2 /NDF: 5340.4/48

All: -6.506 $\pm$ 0.045 χ^2 /NDF: 11692.3/98

- sign -6.638 $\pm$ 0.063 χ^2 /NDF: 6343.2/49

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -4.633 ± 0.162 $\chi^2/\text{NDF}: 2579.3/23$

Left Out: -8.965 ± 0.060 $\chi^2/\text{NDF}: 876.6/24$

Right Out: -3.750 ± 0.162 $\chi^2/\text{NDF}: 2827.0/26$

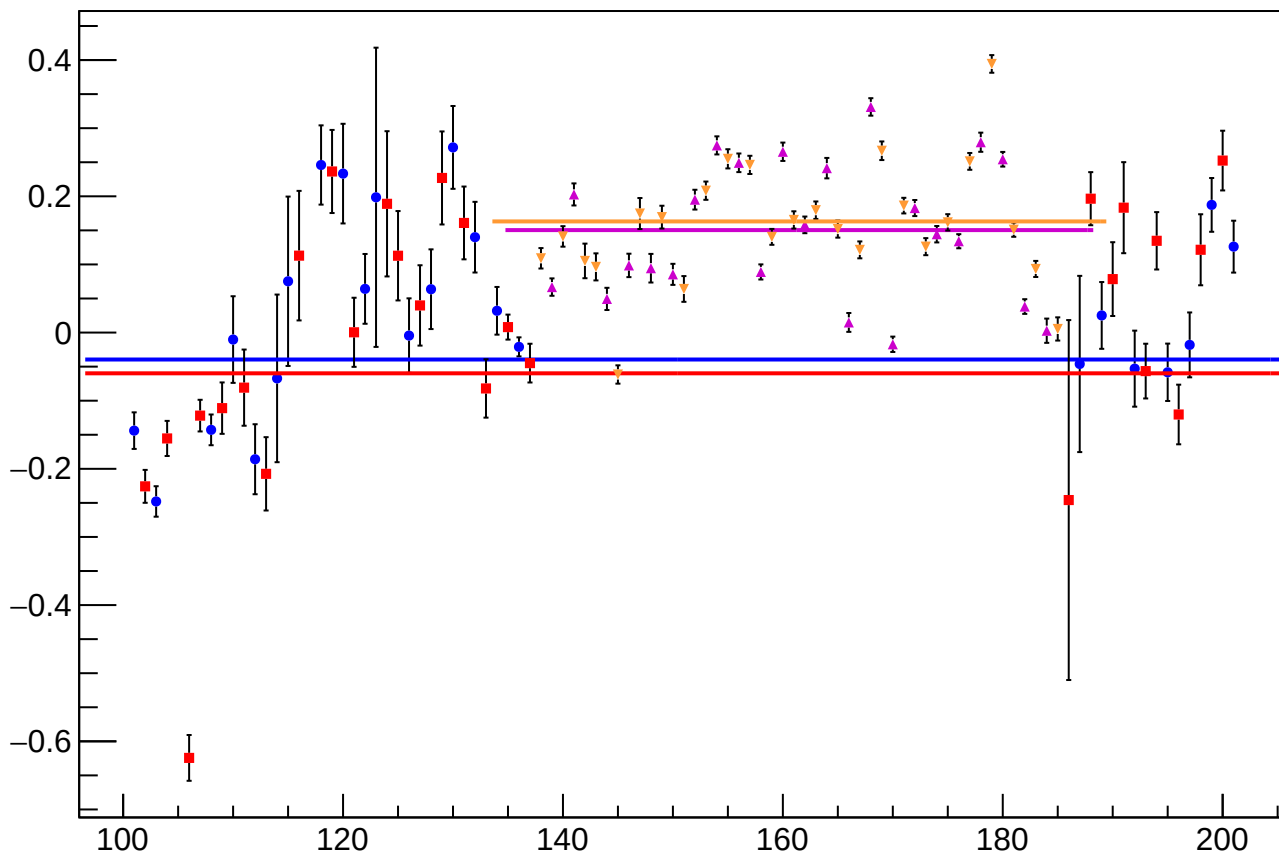
Left In: -8.898 ± 0.061 $\chi^2/\text{NDF}: 1584.0/22$

+ sign -8.441 ± 0.056 $\chi^2/\text{NDF}: 4080.8/48$

All: -8.349 ± 0.040 $\chi^2/\text{NDF}: 9375.1/98$

- sign -8.253 ± 0.058 $\chi^2/\text{NDF}: 5288.9/49$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.040 ± 0.008 χ^2/NDF : 277.3/23

Left Out: 0.163 ± 0.003 χ^2/NDF : 1011.4/24

Right Out: -0.060 ± 0.007 χ^2/NDF : 601.8/26

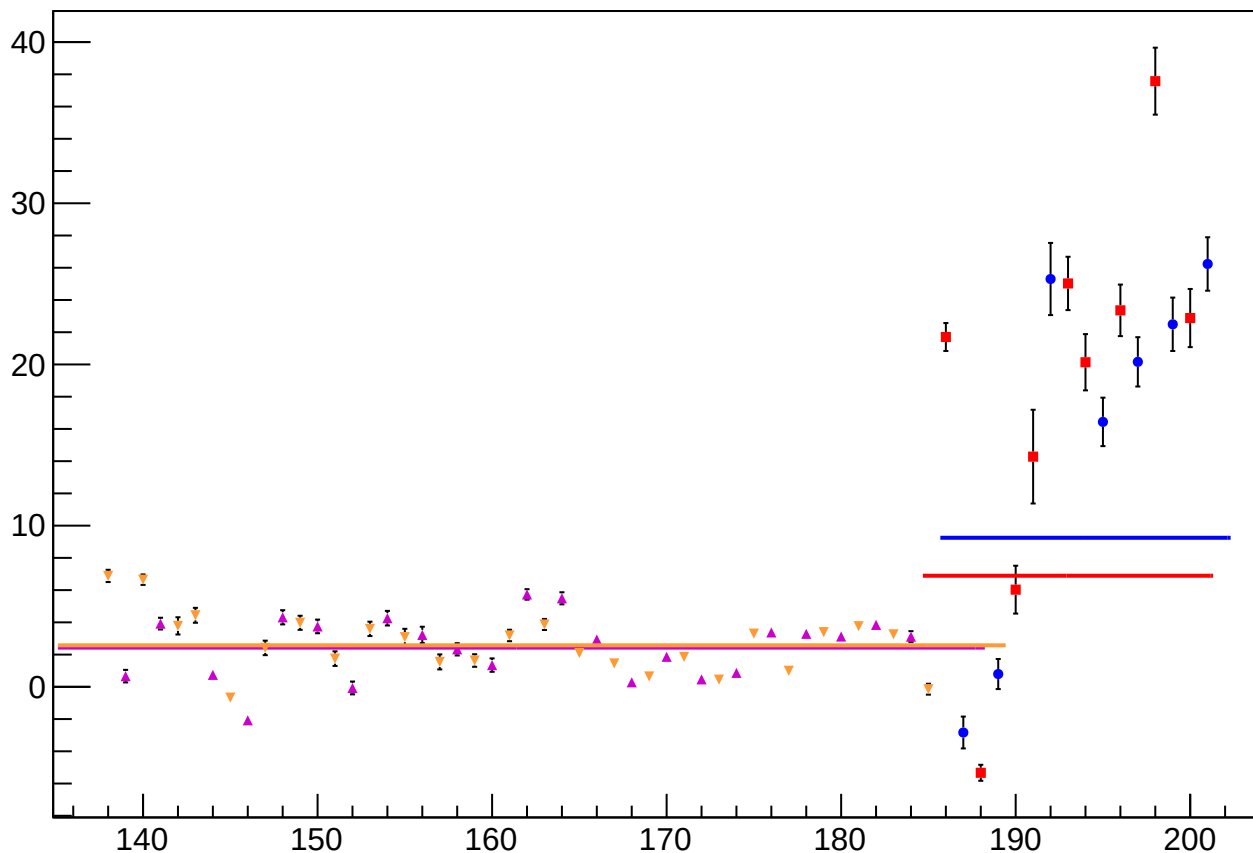
Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

+ sign 0.140 ± 0.003 χ^2/NDF : 1919.6/48

All: 0.133 ± 0.002 χ^2/NDF : 4529.0/98

- sign 0.125 ± 0.003 χ^2/NDF : 2593.5/49

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 9.248 ± 0.502 χ^2/NDF : 525.3/6

Left Out: 2.575 ± 0.058 χ^2/NDF : 868.1/24

Right Out: 6.893 ± 0.363 χ^2/NDF : 1486.1/8

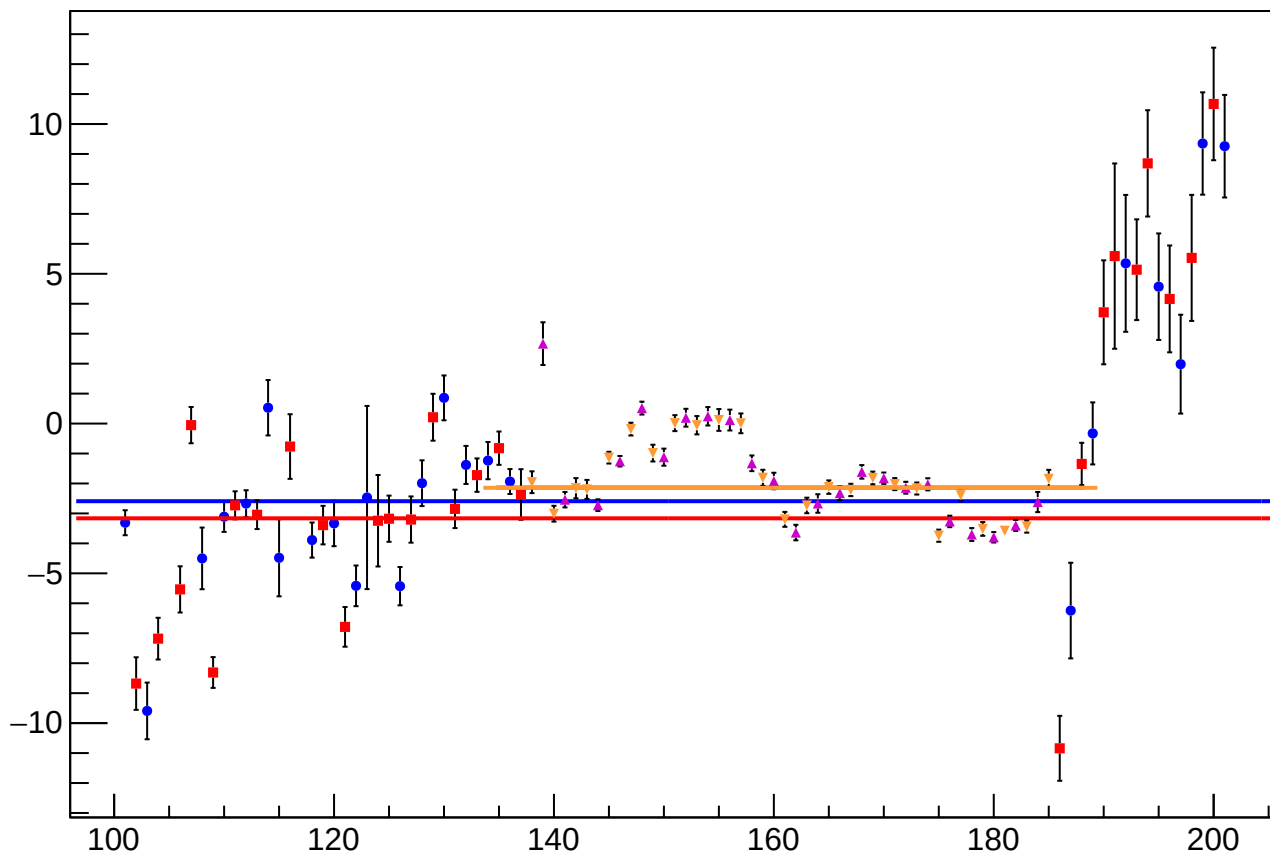
Left In: 2.433 ± 0.059 χ^2/NDF : 882.9/22

+ sign 2.664 ± 0.058 χ^2/NDF : 1567.6/31

All: 2.607 ± 0.041 χ^2/NDF : 4085.6/63

- sign 2.548 ± 0.058 χ^2/NDF : 2516.0/31

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.592 ± 0.149 $\chi^2/\text{NDF}: 294.2/23$

Left Out: -2.145 ± 0.048 $\chi^2/\text{NDF}: 572.6/24$

Right Out: -3.163 ± 0.147 $\chi^2/\text{NDF}: 526.7/26$

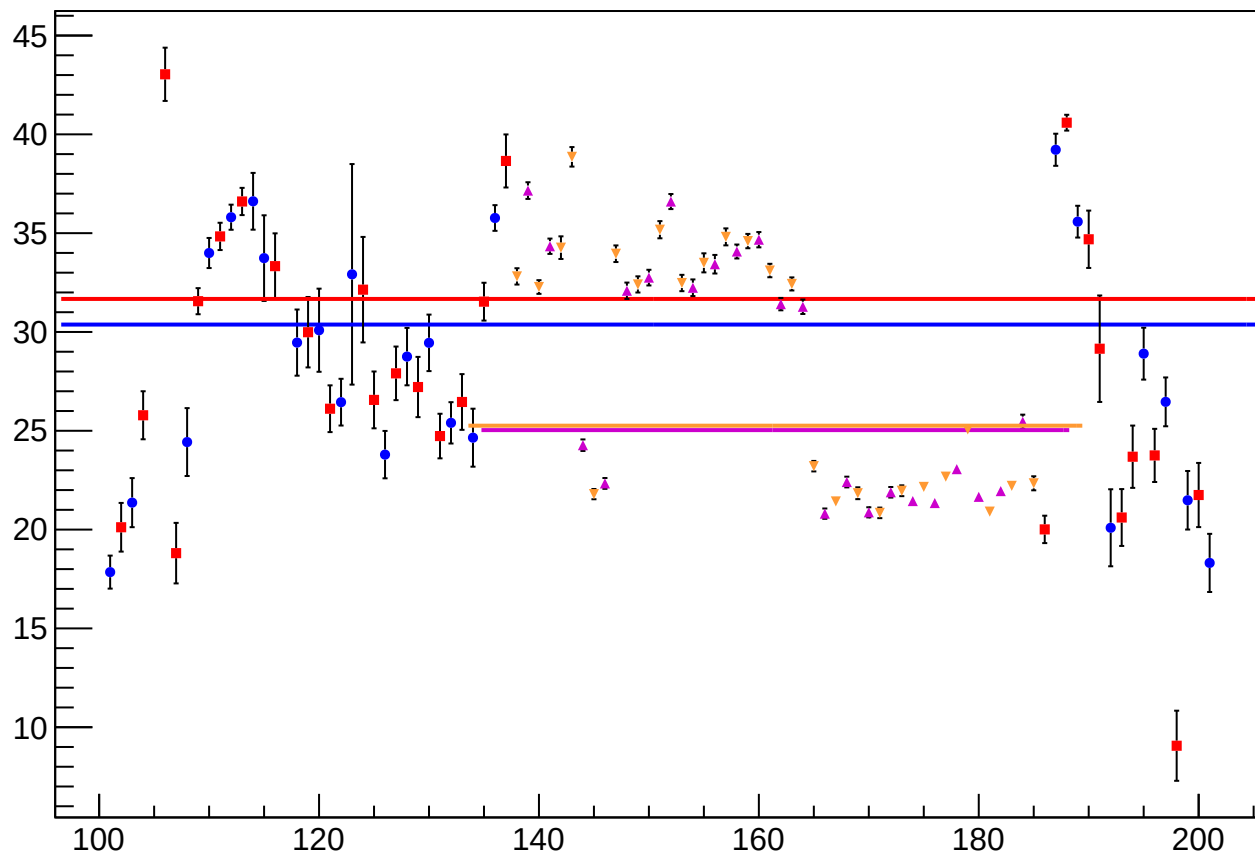
Left In: -2.137 ± 0.048 $\chi^2/\text{NDF}: 693.6/22$

+ sign -2.186 ± 0.045 $\chi^2/\text{NDF}: 874.9/48$

All: -2.211 ± 0.032 $\chi^2/\text{NDF}: 2140.0/98$

- sign -2.237 ± 0.046 $\chi^2/\text{NDF}: 1264.5/49$

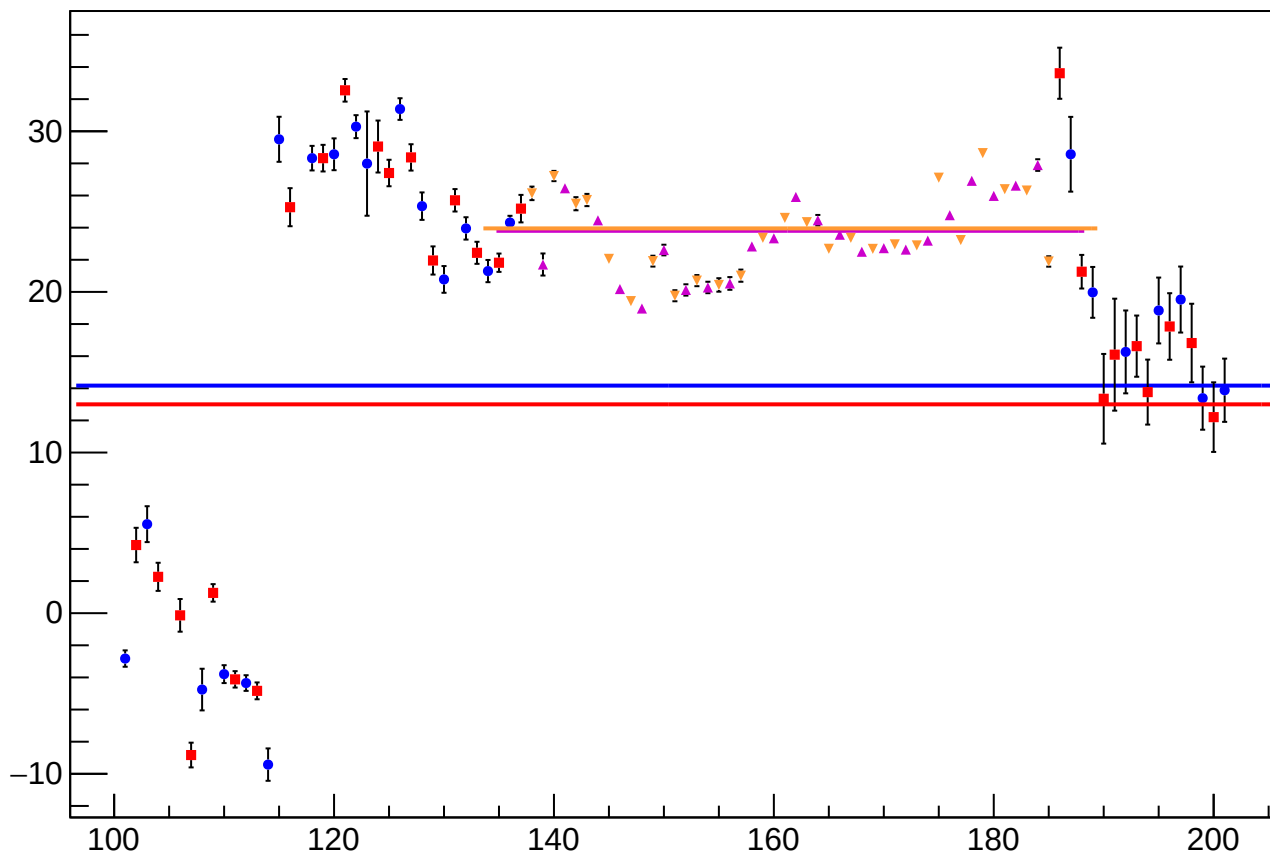
reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 30.375 ± 0.226 $\chi^2/\text{NDF}: 859.5/23$
 Left Out: 25.258 ± 0.059 $\chi^2/\text{NDF}: 8135.5/24$
 Right Out: 31.672 ± 0.197 $\chi^2/\text{NDF}: 1561.1/26$
 Left In: 25.034 ± 0.059 $\chi^2/\text{NDF}: 7690.0/22$

+ sign 25.583 ± 0.057 $\chi^2/\text{NDF}: 9474.0/48$
 All: 25.585 ± 0.040 $\chi^2/\text{NDF}: 19767.8/98$
 - sign 25.588 ± 0.057 $\chi^2/\text{NDF}: 10293.7/49$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.167 $\pm$ 0.168 χ^2 /NDF: 7458.1/23

Left Out: 23.953 $\pm$ 0.053 χ^2 /NDF:1915.9/24

Right Out: 13.001 $\pm$ 0.167 χ^2 /NDF: 7216.1/26

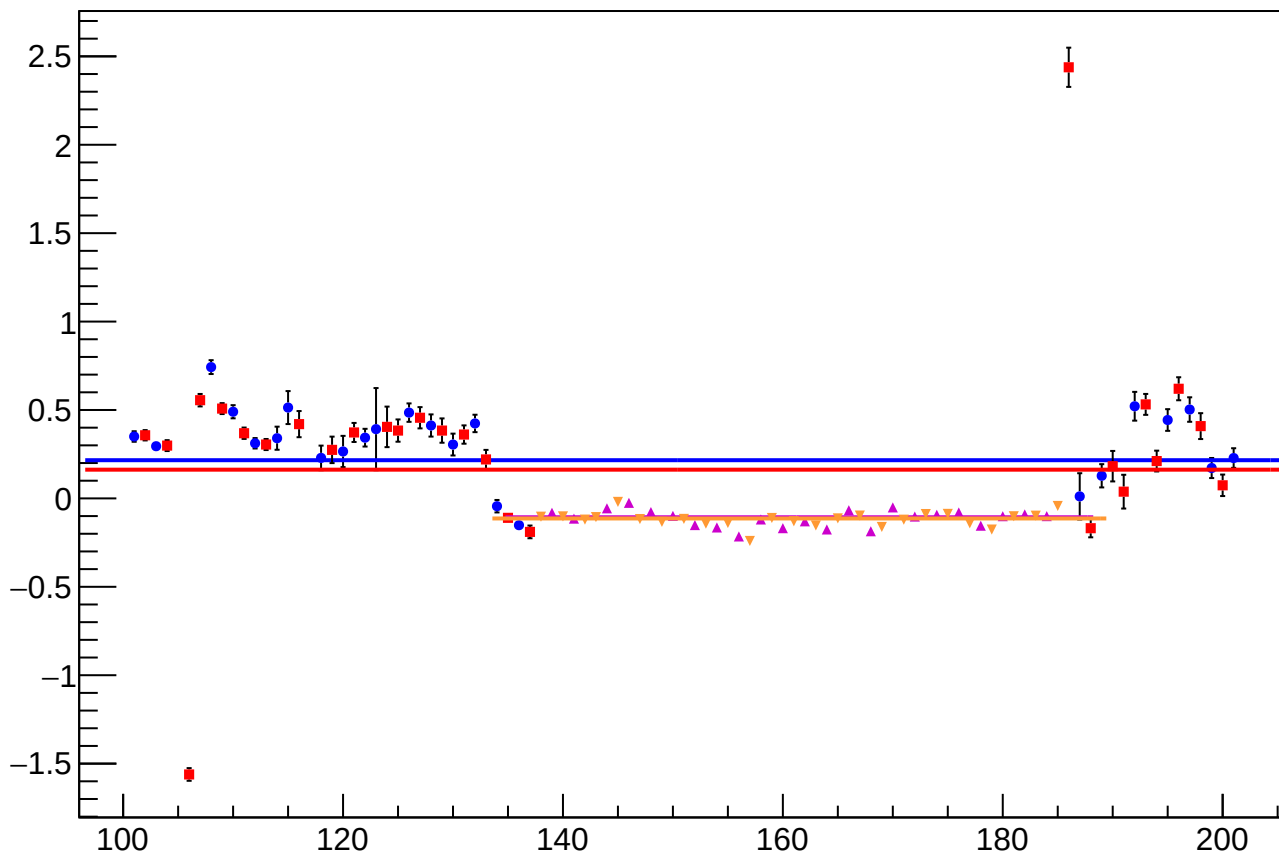
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.058 $\pm$ 0.051 χ^2 /NDF: 12467.0/48

All: 22.925 $\pm$ 0.036 χ^2 /NDF: 25238.4/98

- sign 22.788 $\pm$ 0.051 χ^2 /NDF: 12757.4/49

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.216 ± 0.009 χ^2/NDF : 897.3/23

Left Out: -0.114 ± 0.002 χ^2/NDF : 290.8/24

Right Out: 0.162 ± 0.009 χ^2/NDF : 3582.1/26

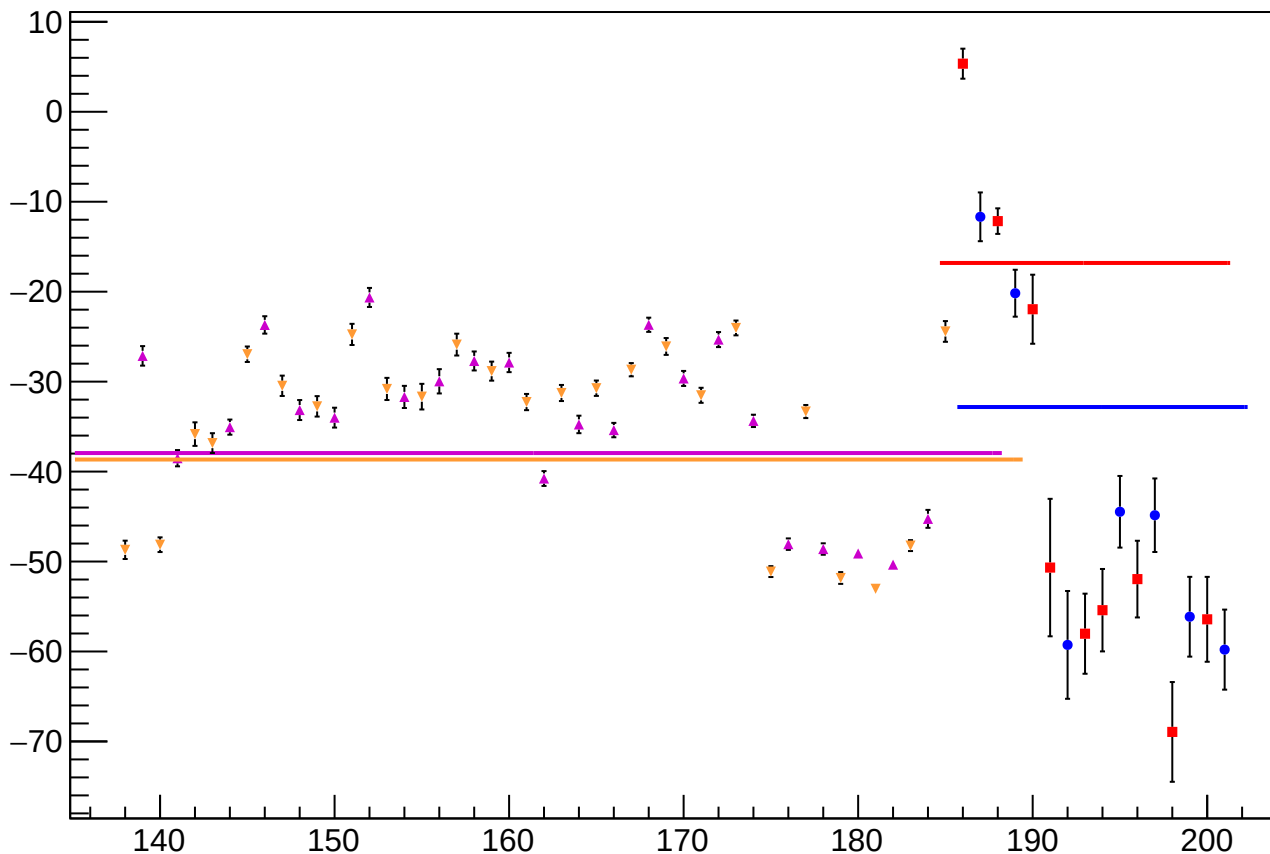
Left In: -0.107 ± 0.002 χ^2/NDF : 322.0/22

+ sign -0.090 ± 0.002 χ^2/NDF : 2496.4/48

All: -0.088 ± 0.002 χ^2/NDF : 7321.4/98

- sign -0.086 ± 0.002 χ^2/NDF : 4823.5/49

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -32.823 ± 1.367 $\chi^2/\text{NDF}: 185.4/6$

Left Out: -38.660 ± 0.169 $\chi^2/\text{NDF}: 4073.8/24$

Right Out: -16.808 ± 0.925 $\chi^2/\text{NDF}: 591.8/8$

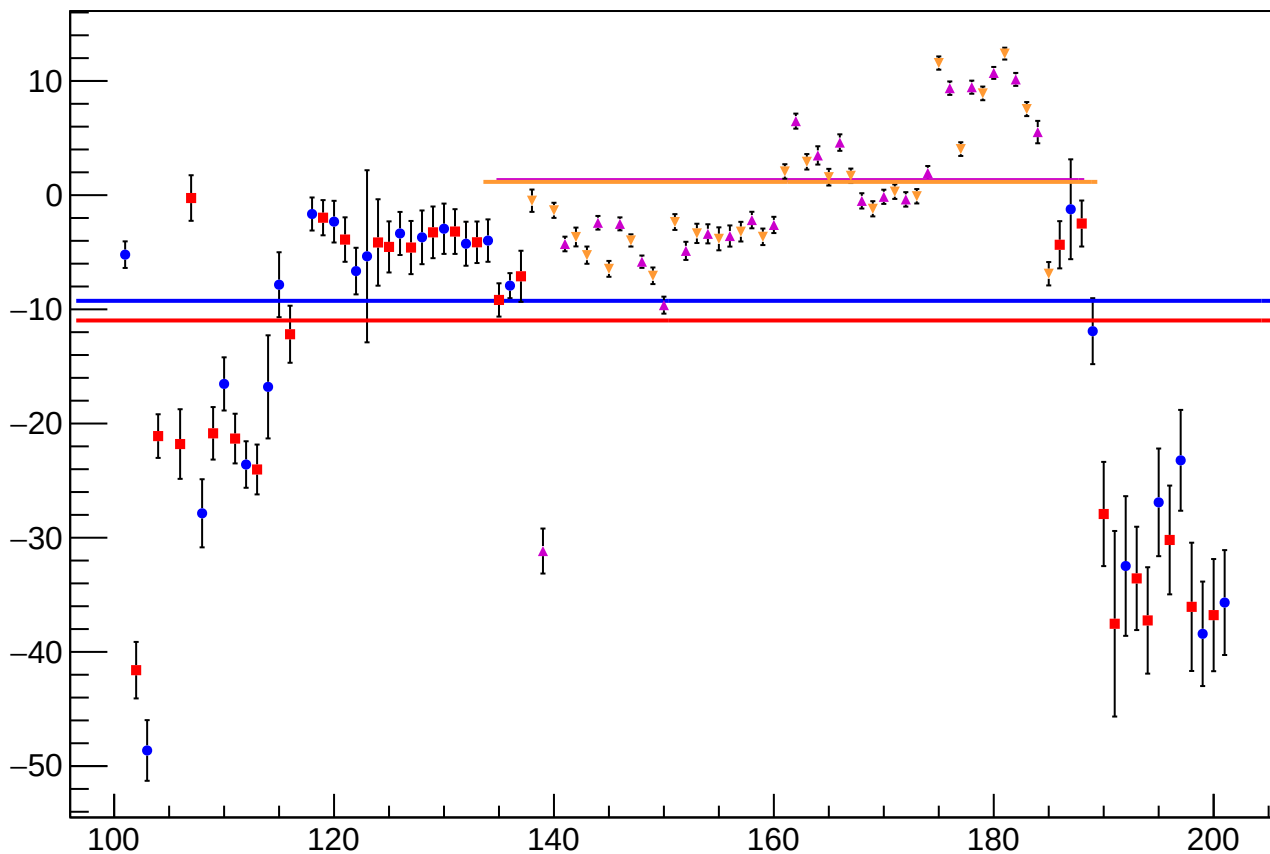
Left In: -37.939 ± 0.173 $\chi^2/\text{NDF}: 3133.2/22$

+ sign -38.572 ± 0.168 $\chi^2/\text{NDF}: 4277.2/31$

All: -37.906 ± 0.119 $\chi^2/\text{NDF}: 8538.6/63$

- sign -37.229 ± 0.170 $\chi^2/\text{NDF}: 4229.8/31$

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -9.255 ± 0.444 χ^2/NDF : 533.2/23

Left Out: 1.163 ± 0.136 χ^2/NDF : 1786.1/24

Right Out: -10.975 ± 0.452 χ^2/NDF : 585.4/26

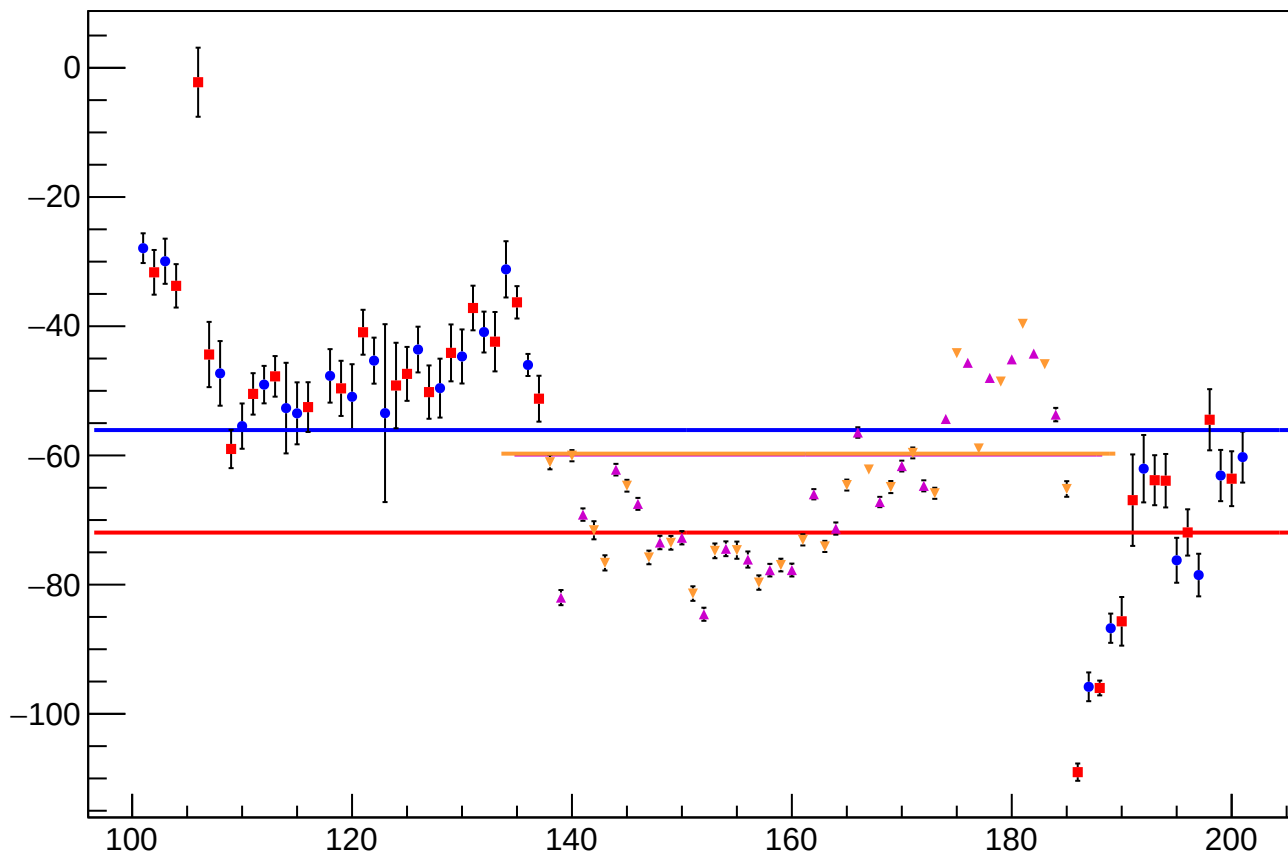
Left In: 1.319 ± 0.139 χ^2/NDF : 2080.7/22

+ sign 0.265 ± 0.130 χ^2/NDF : 2822.5/48

All: 0.258 ± 0.093 χ^2/NDF : 6163.4/98

- sign 0.251 ± 0.133 χ^2/NDF : 3341.0/49

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -56.073 ± 0.678 χ^2/NDF : 929.2/23

Left Out: -59.724 ± 0.170 χ^2/NDF : 5789.8/24

Right Out: -71.942 ± 0.574 χ^2/NDF : 2461.3/26

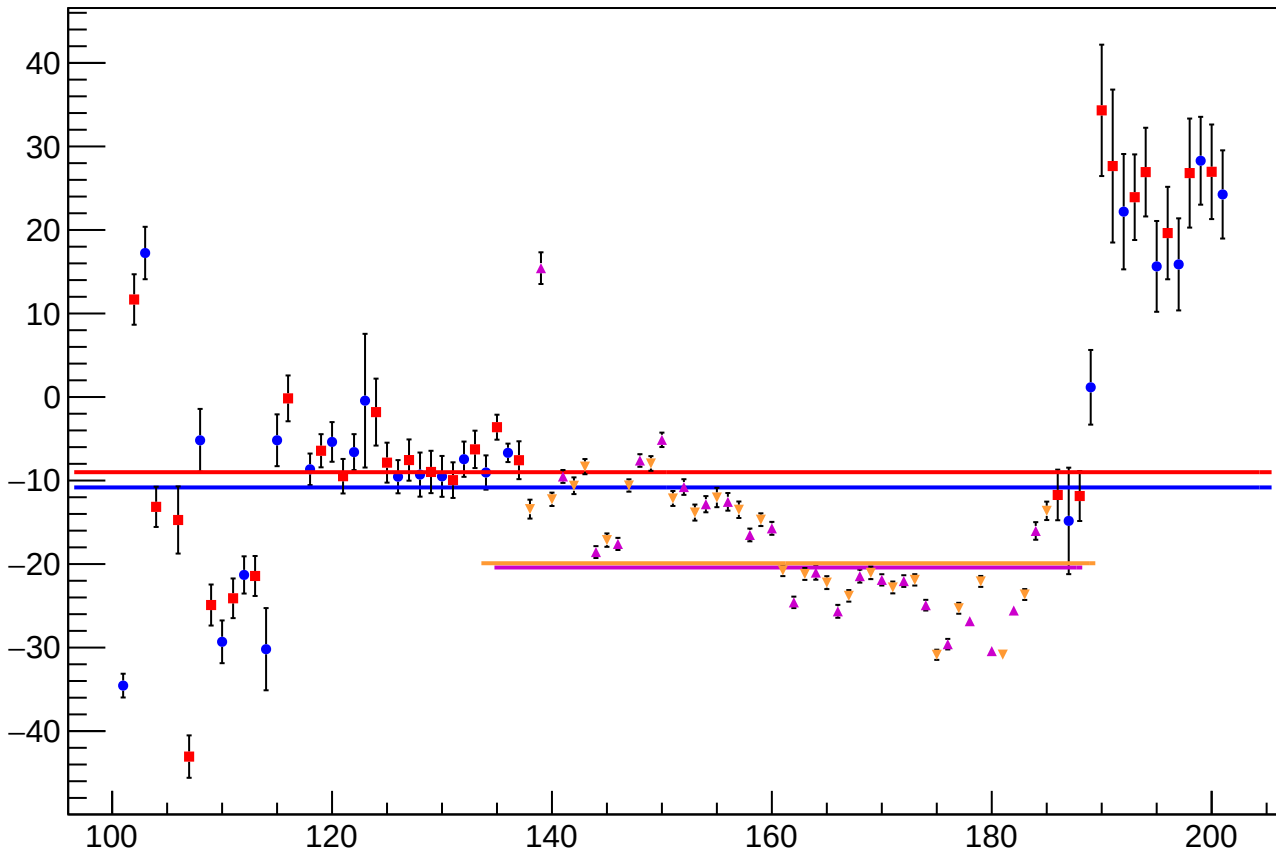
Left In: -59.864 ± 0.173 χ^2/NDF : 5275.1/22

+ sign -59.508 ± 0.165 χ^2/NDF : 6746.2/48

All: -60.187 ± 0.117 χ^2/NDF : 14922.7/98

- sign -60.867 ± 0.165 χ^2/NDF : 8142.6/49

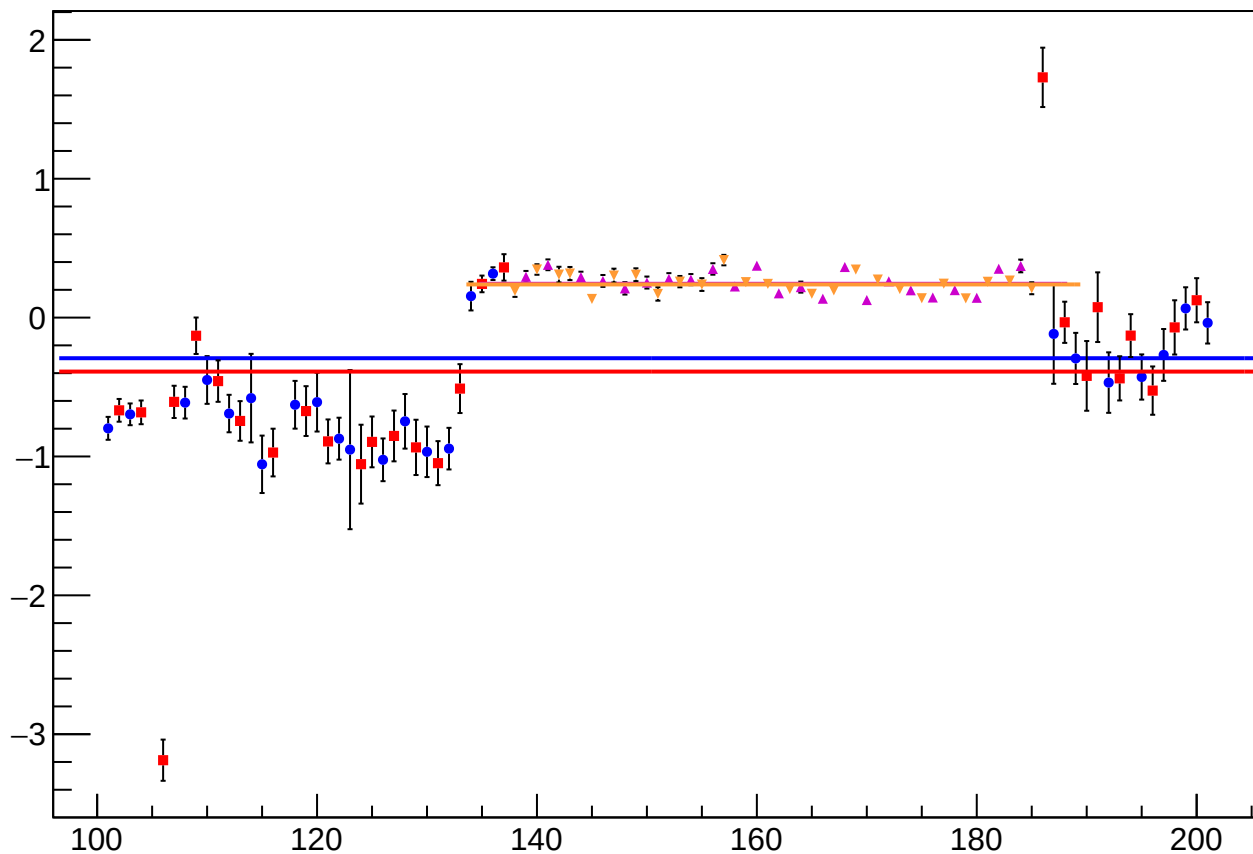
reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -10.825 ± 0.504 χ^2/NDF : 661.6/23
 Left Out: -19.902 ± 0.153 χ^2/NDF : 1904.7/24
 Right Out: -9.000 ± 0.522 χ^2/NDF : 604.3/26
 Left In: -20.412 ± 0.156 χ^2/NDF : 2345.4/22

+ sign -19.135 ± 0.146 χ^2/NDF : 2863.3/48
 All: -19.302 ± 0.105 χ^2/NDF : 6253.8/98
 - sign -19.476 ± 0.150 χ^2/NDF : 3387.9/49

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.293 ± 0.026 χ^2/NDF : 382.8/23

Left Out: 0.239 ± 0.007 χ^2/NDF : 93.5/24

Right Out: -0.389 ± 0.026 χ^2/NDF : 759.0/26

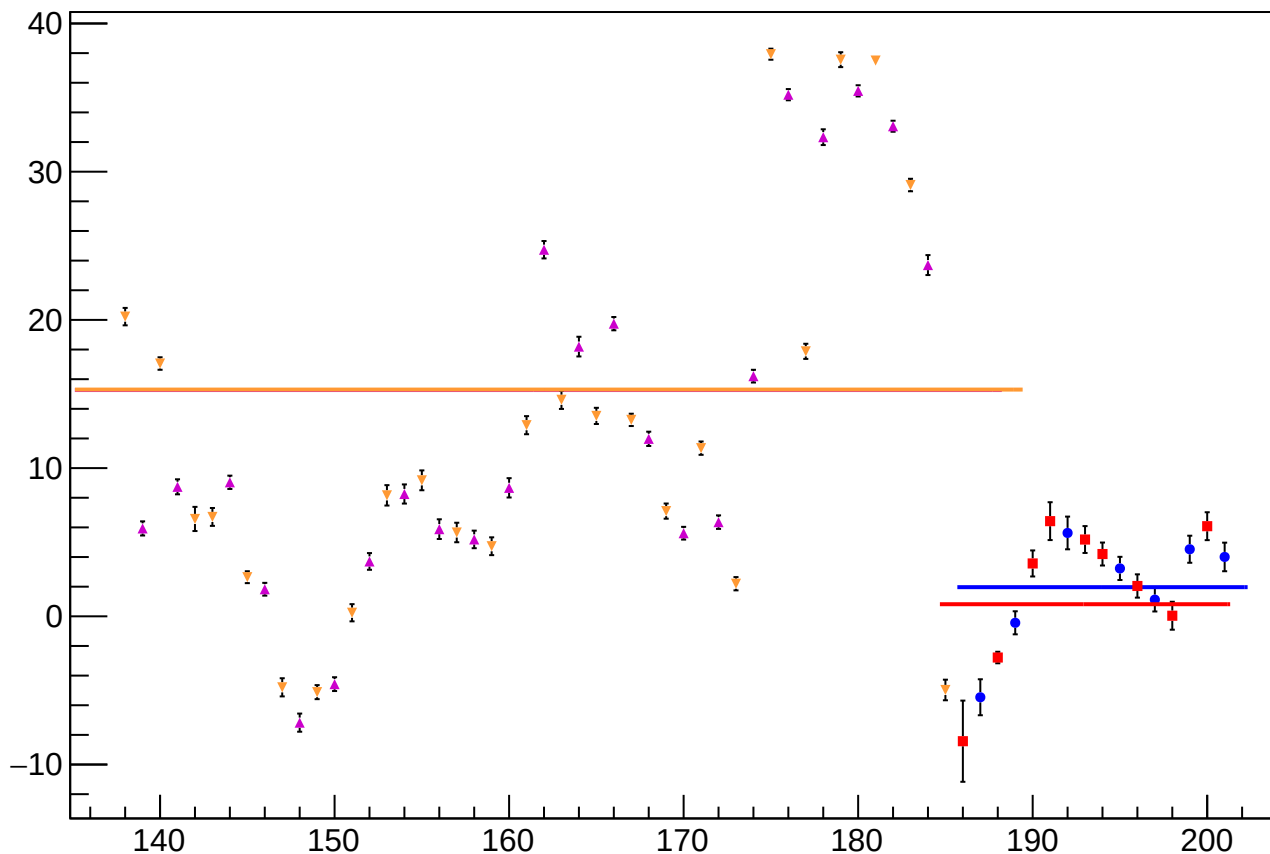
Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

+ sign 0.201 ± 0.007 χ^2/NDF : 879.0/48

All: 0.200 ± 0.005 χ^2/NDF : 2334.1/98

- sign 0.198 ± 0.007 χ^2/NDF : 1455.1/49

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.967 ± 0.340 χ^2/NDF : 74.1/6

Left Out: 15.298 ± 0.101 χ^2/NDF : 19135.0/24

Right Out: 0.817 ± 0.255 χ^2/NDF : 202.7/8

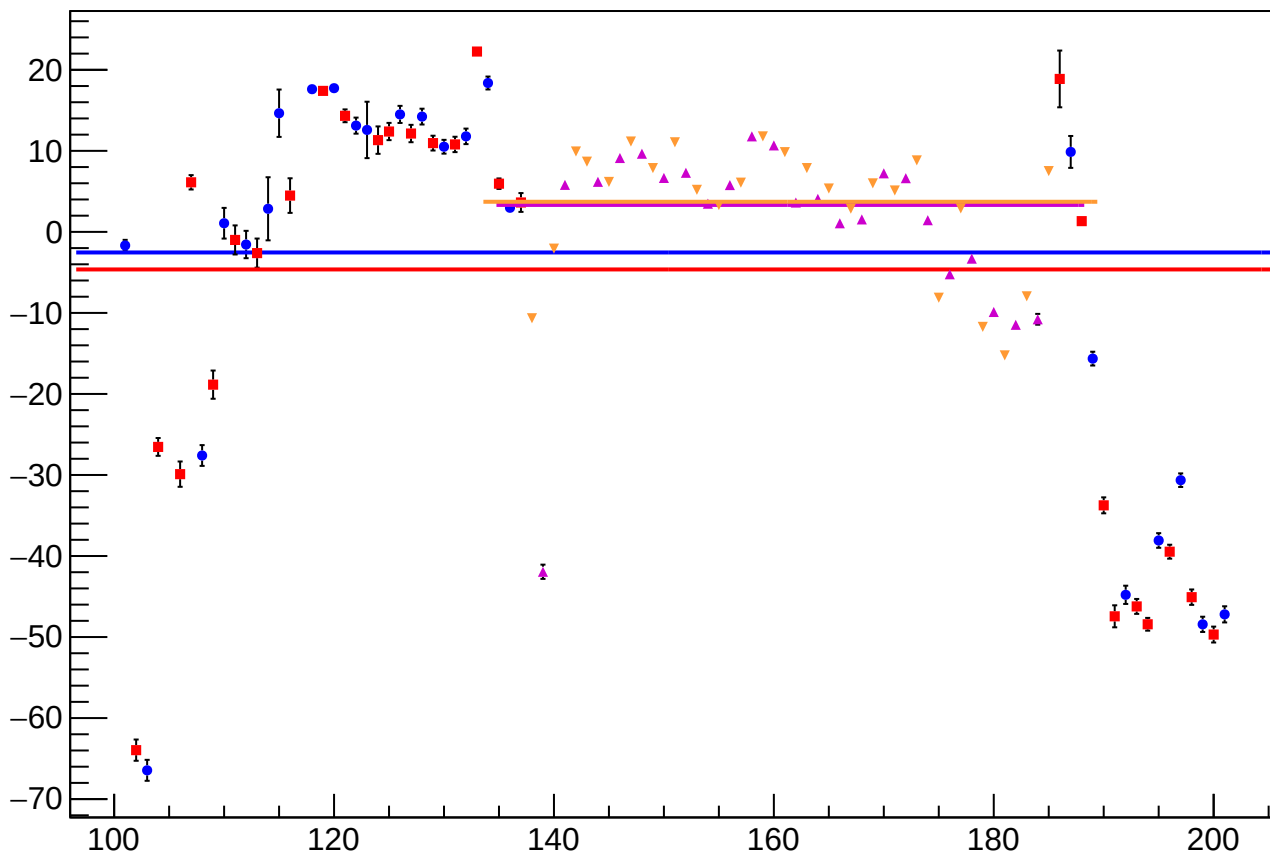
Left In: 15.268 ± 0.102 χ^2/NDF : 16406.3/22

+ sign 14.225 ± 0.097 χ^2/NDF : 20620.4/31

All: 13.737 ± 0.068 χ^2/NDF : 40052.0/63

- sign 13.267 ± 0.095 χ^2/NDF : 19381.4/31

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -2.540 ± 0.186 $\chi^2/\text{NDF}: 16527.5/23$

Left Out: 3.717 ± 0.079 $\chi^2/\text{NDF}: 9201.0/24$

Right Out: -4.635 ± 0.174 $\chi^2/\text{NDF}: 22861.0/26$

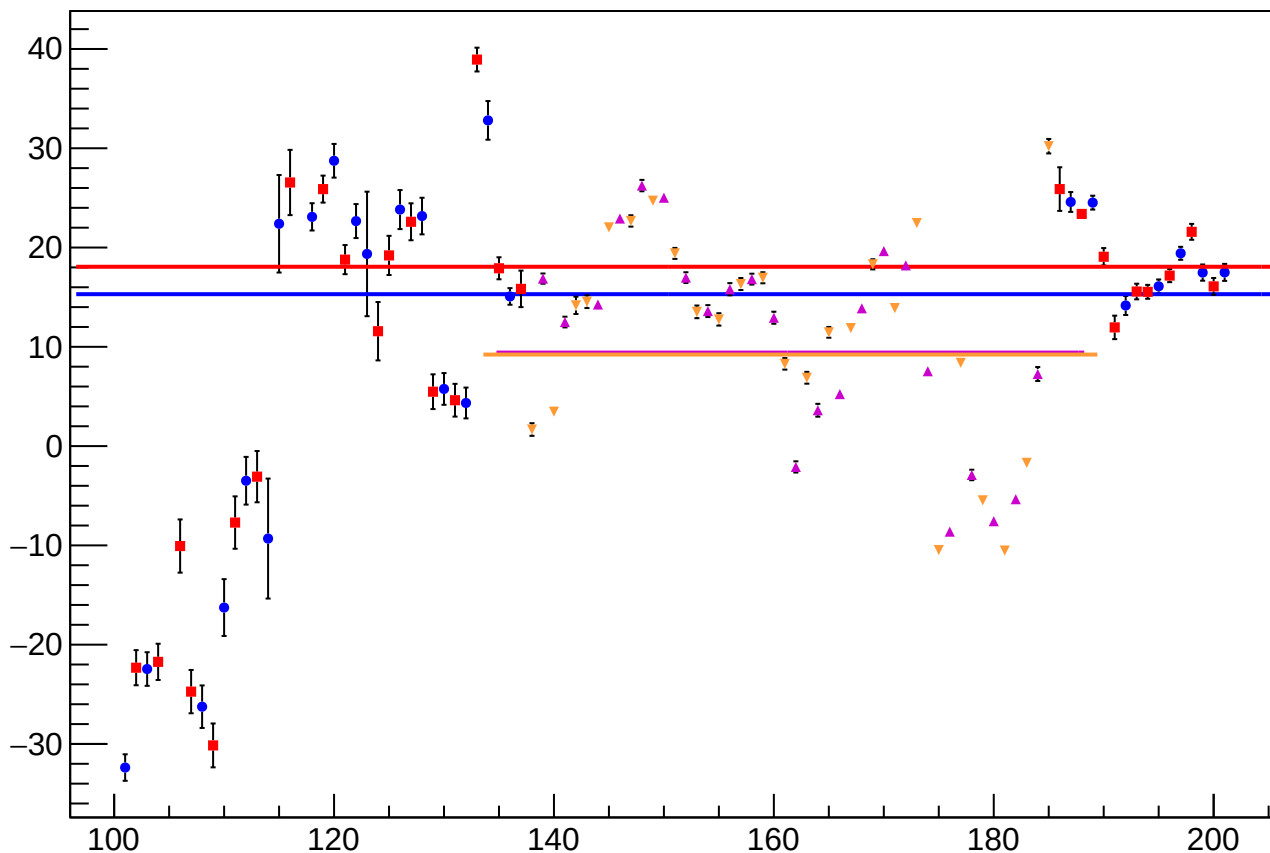
Left In: 3.327 ± 0.081 $\chi^2/\text{NDF}: 8830.5/22$

+ sign 2.764 ± 0.073 $\chi^2/\text{NDF}: 26684.9/48$

All: 2.343 ± 0.052 $\chi^2/\text{NDF}: 60160.5/98$

- sign 1.913 ± 0.073 $\chi^2/\text{NDF}: 33407.6/49$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 15.302 ± 0.241 χ^2/NDF : 2984.6/23

Left Out: 9.220 ± 0.101 χ^2/NDF : 13617.0/24

Right Out: 18.065 ± 0.193 χ^2/NDF : 2979.2/26

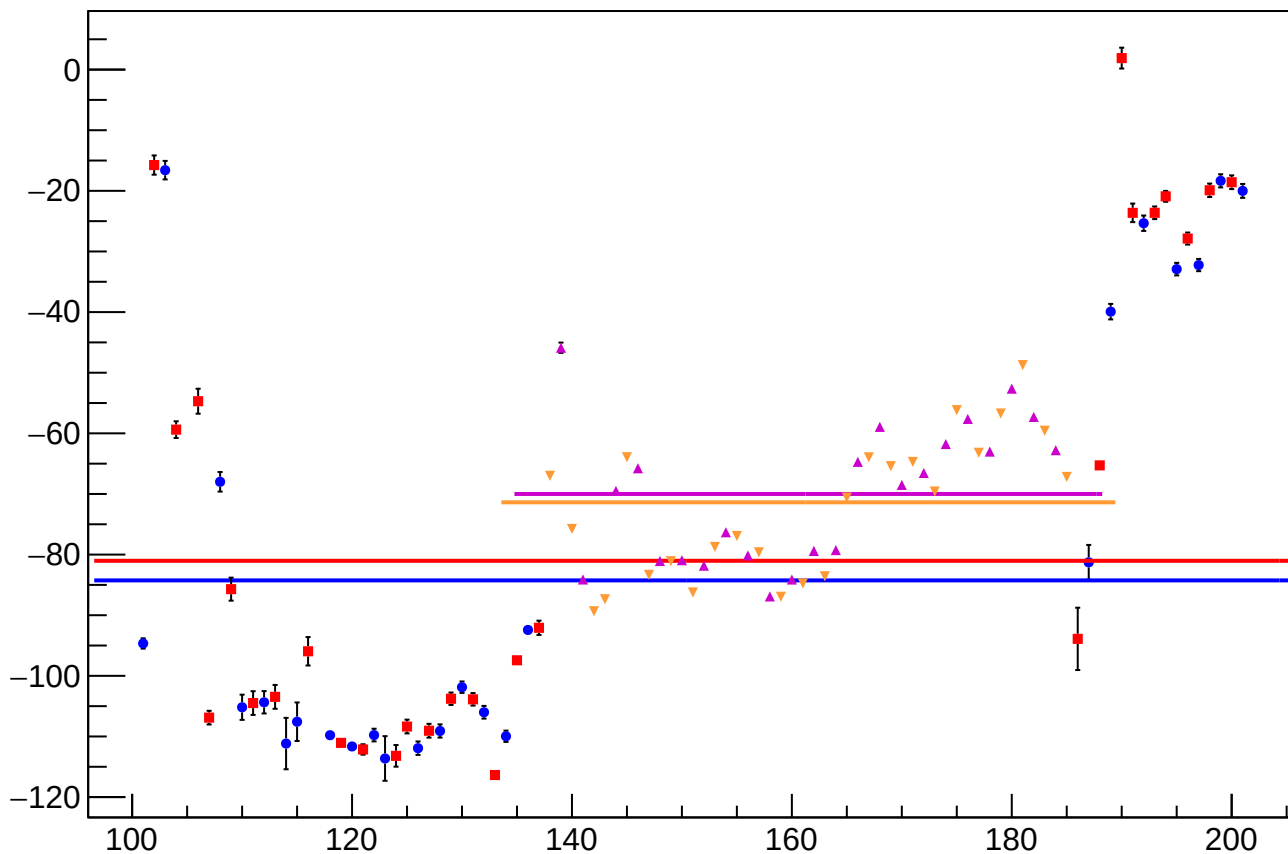
Left In: 9.420 ± 0.102 χ^2/NDF : 12078.1/22

+ sign 10.131 ± 0.093 χ^2/NDF : 17143.5/48

All: 10.739 ± 0.065 χ^2/NDF : 33852.9/98

- sign 11.309 ± 0.090 χ^2/NDF : 16626.9/49

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -84.257 ± 0.217 χ^2/NDF : 24270.6/23

Left Out: -71.379 ± 0.089 χ^2/NDF : 16226.2/24

Right Out: -81.021 ± 0.206 χ^2/NDF : 33908.1/26

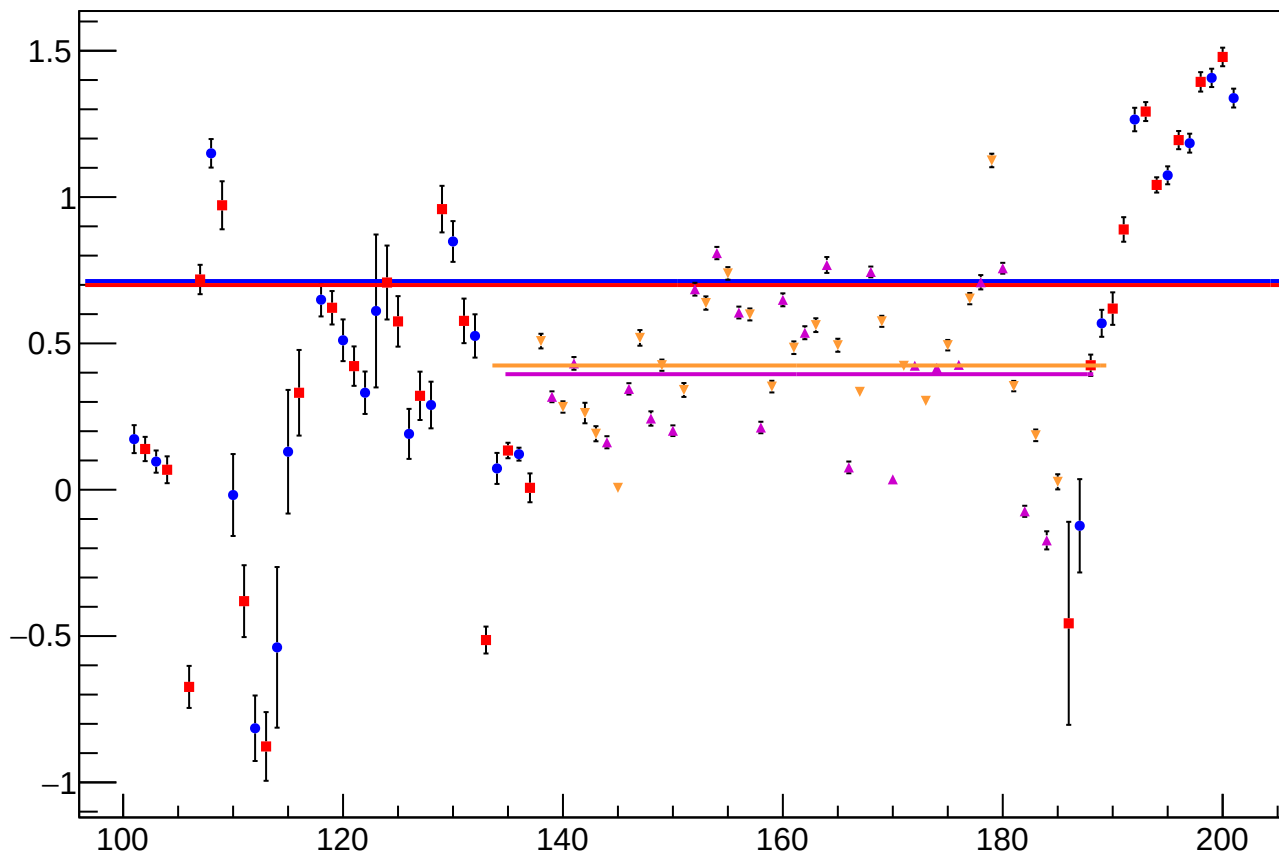
Left In: -69.999 ± 0.091 χ^2/NDF : 13188.0/22

+ sign -73.243 ± 0.083 χ^2/NDF : 43495.7/48

All: -72.532 ± 0.059 χ^2/NDF : 93126.5/98

- sign -71.807 ± 0.084 χ^2/NDF : 49481.7/49

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.713 $\pm$ 0.010 χ^2 /NDF: 3135.6/23

Left Out: 0.425 $\pm$ 0.004 χ^2 /NDF: 2866.9/24

Right Out: 0.699 $\pm$ 0.009 χ^2 /NDF: 4310.1/26

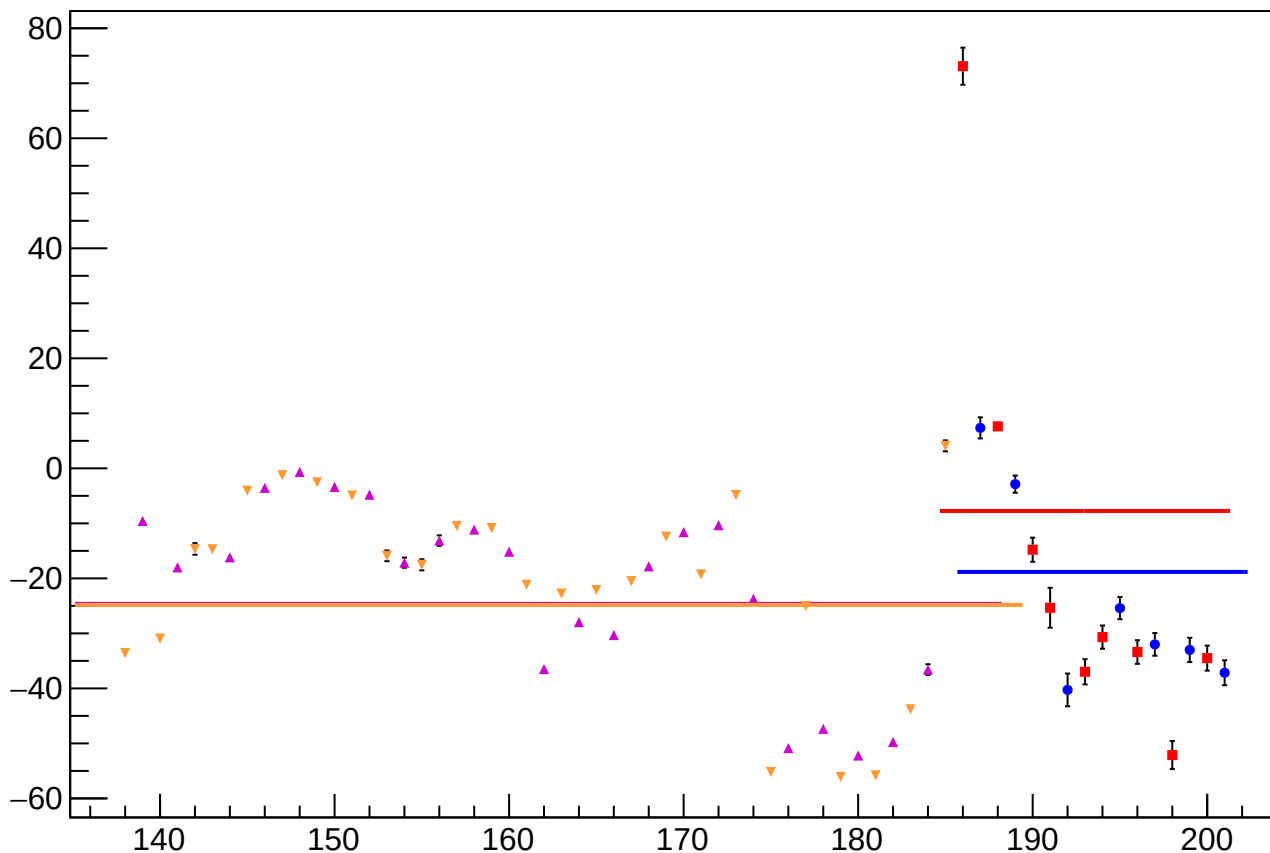
Left In: 0.395 $\pm$ 0.004 χ^2 /NDF: 4063.1/22

+ sign 0.468 $\pm$ 0.004 χ^2 /NDF: 6754.5/48

All: 0.458 $\pm$ 0.003 χ^2 /NDF: 16097.4/98

- sign 0.449 $\pm$ 0.004 χ^2 /NDF: 9328.9/49

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -18.827 ± 0.772 χ^2/NDF : 500.9/6

Left Out: -24.824 ± 0.140 χ^2/NDF : 18274.6/24

Right Out: -7.743 ± 0.586 χ^2/NDF : 1843.6/8

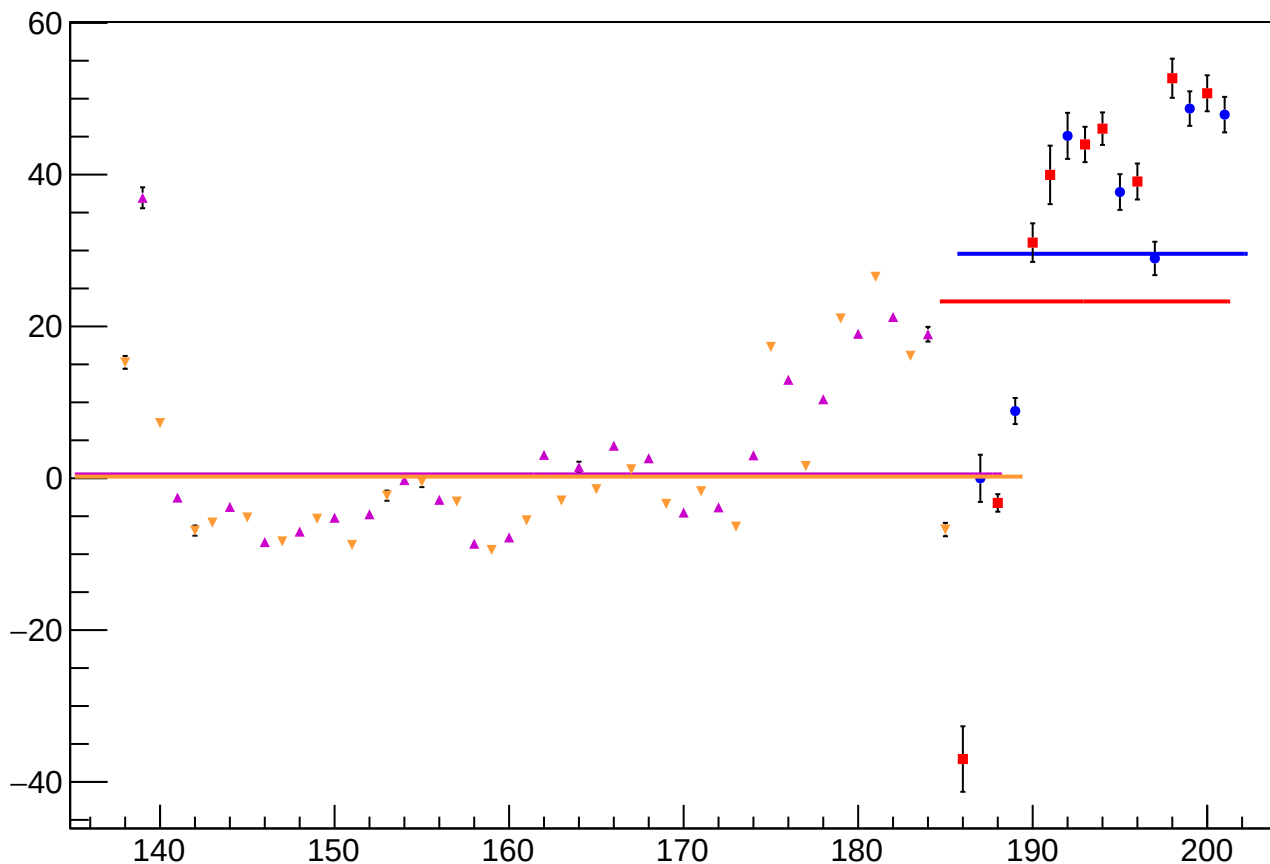
Left In: -24.635 ± 0.142 χ^2/NDF : 14947.9/22

+ sign -24.634 ± 0.137 χ^2/NDF : 18834.0/31

All: -24.168 ± 0.097 χ^2/NDF : 36433.4/63

- sign -23.698 ± 0.138 χ^2/NDF : 17576.3/31

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 29.569 $\pm$ 0.872 χ^2/NDF : 406.4/6

Left Out: 0.218 $\pm$ 0.109 χ^2/NDF :8252.6/24

Right Out: 23.294 $\pm$ 0.718 χ^2/NDF : 1253.8/8

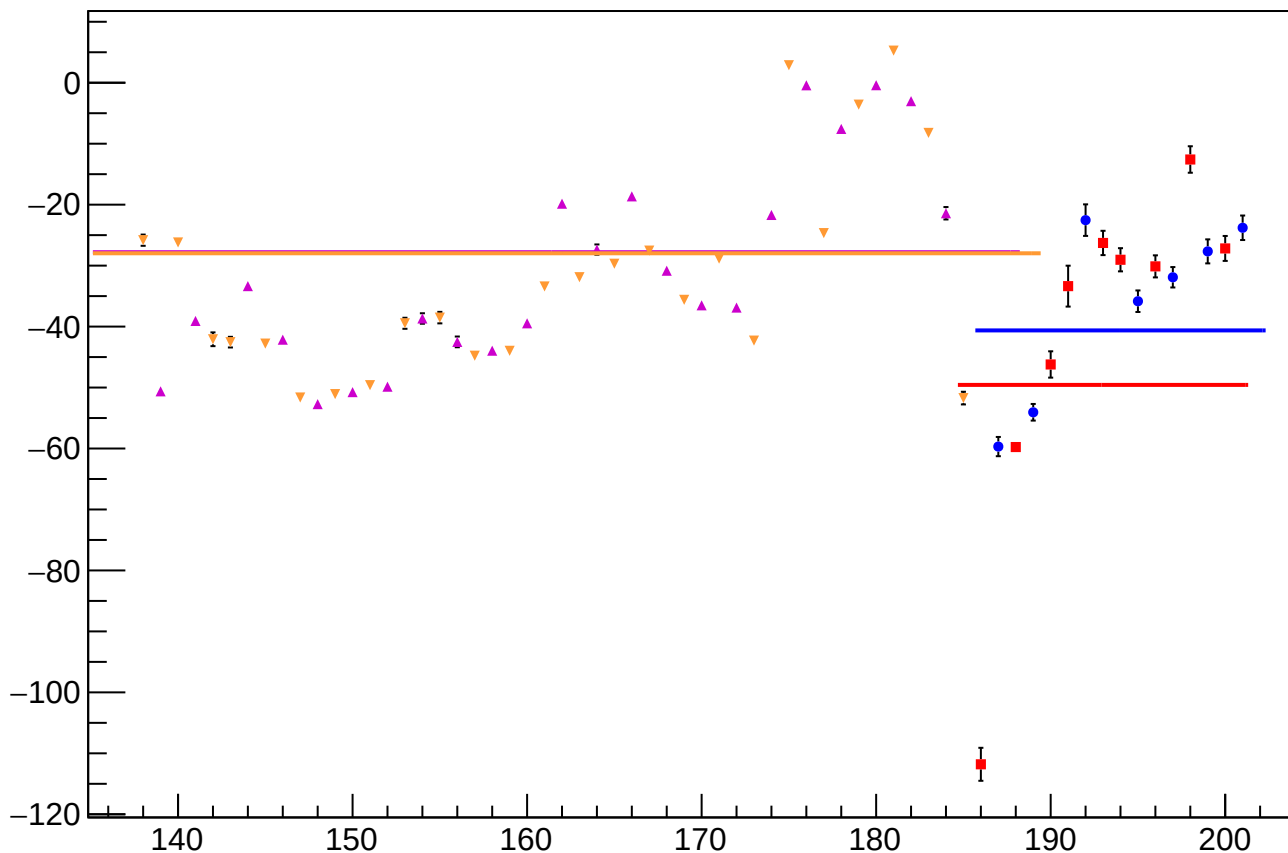
Left In: 0.507 $\pm$ 0.112 χ^2/NDF :6626.9/22

+ sign 0.668 $\pm$ 0.108 χ^2/NDF : 9774.7/31

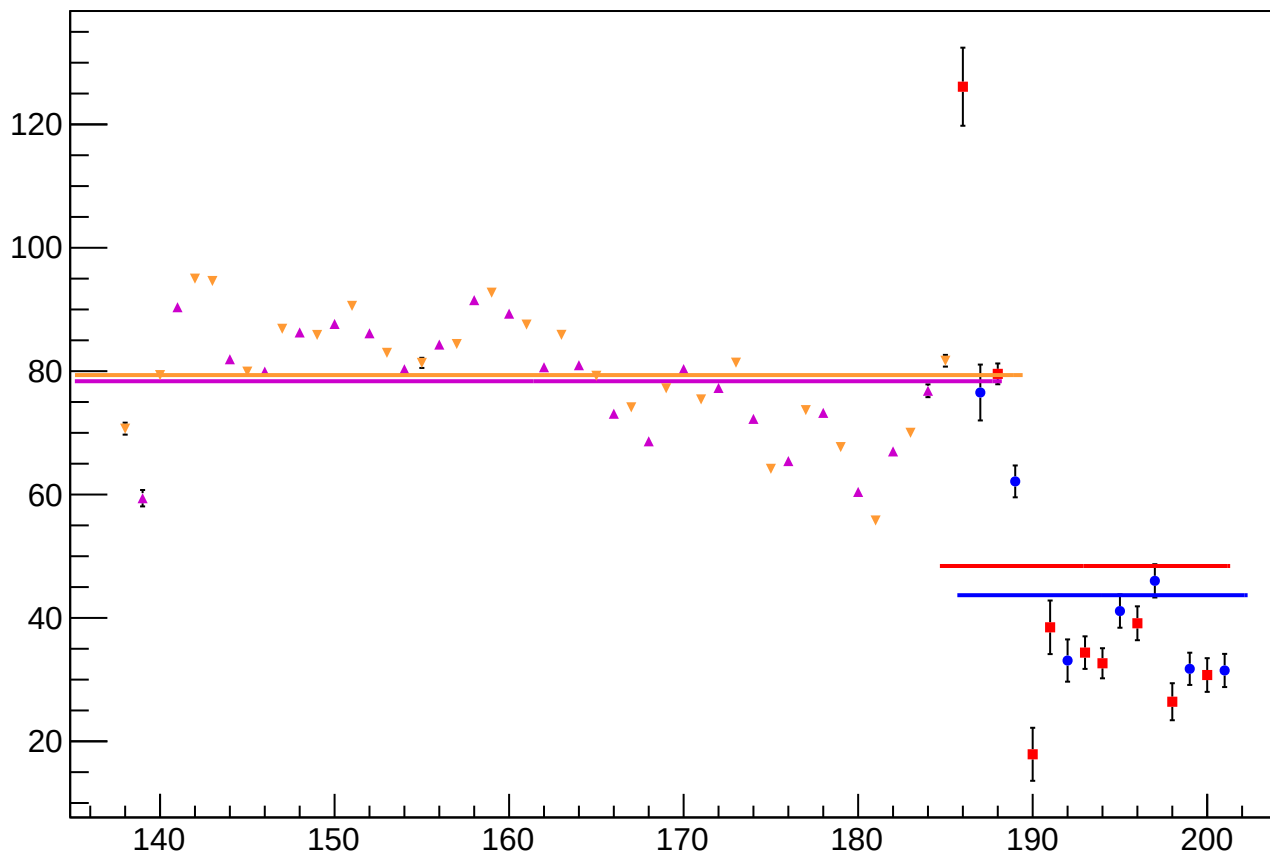
All: 0.852 $\pm$ 0.077 χ^2/NDF : 18643.9/63

- sign 1.046 $\pm$ 0.110 χ^2/NDF : 8863.2/31

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 43.684+/-1.089 χ^2/NDF : 156.4/6

Left Out: 79.364+/-0.123 χ^2/NDF : 5966.3/24

Right Out: 48.417+/-0.923 χ^2/NDF : 724.7/8

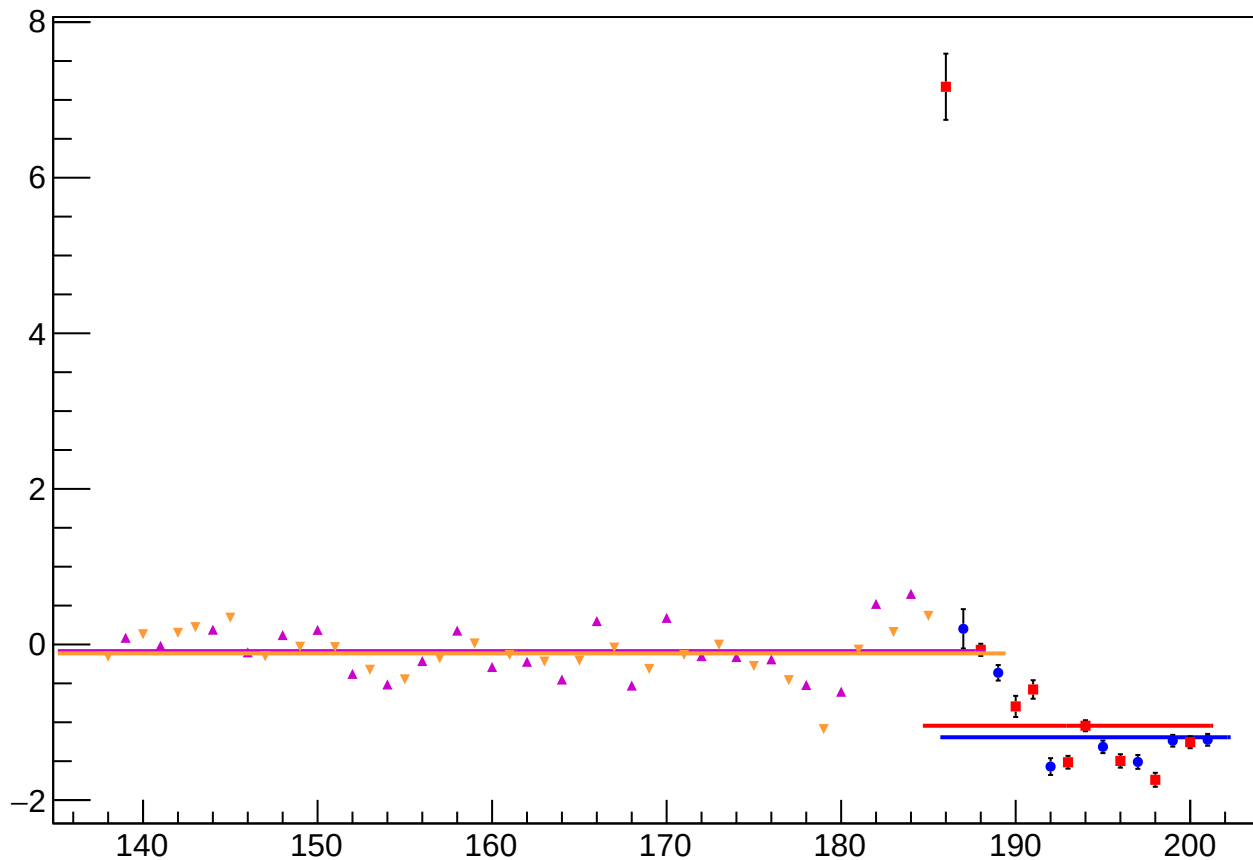
Left In: 78.367+/-0.126 χ^2/NDF : 4735.5/22

+ sign 78.911+/-0.123 χ^2/NDF : 7182.3/31

All: 78.375+/-0.088 χ^2/NDF : 13714.6/63

- sign 77.816+/-0.125 χ^2/NDF : 6493.3/31

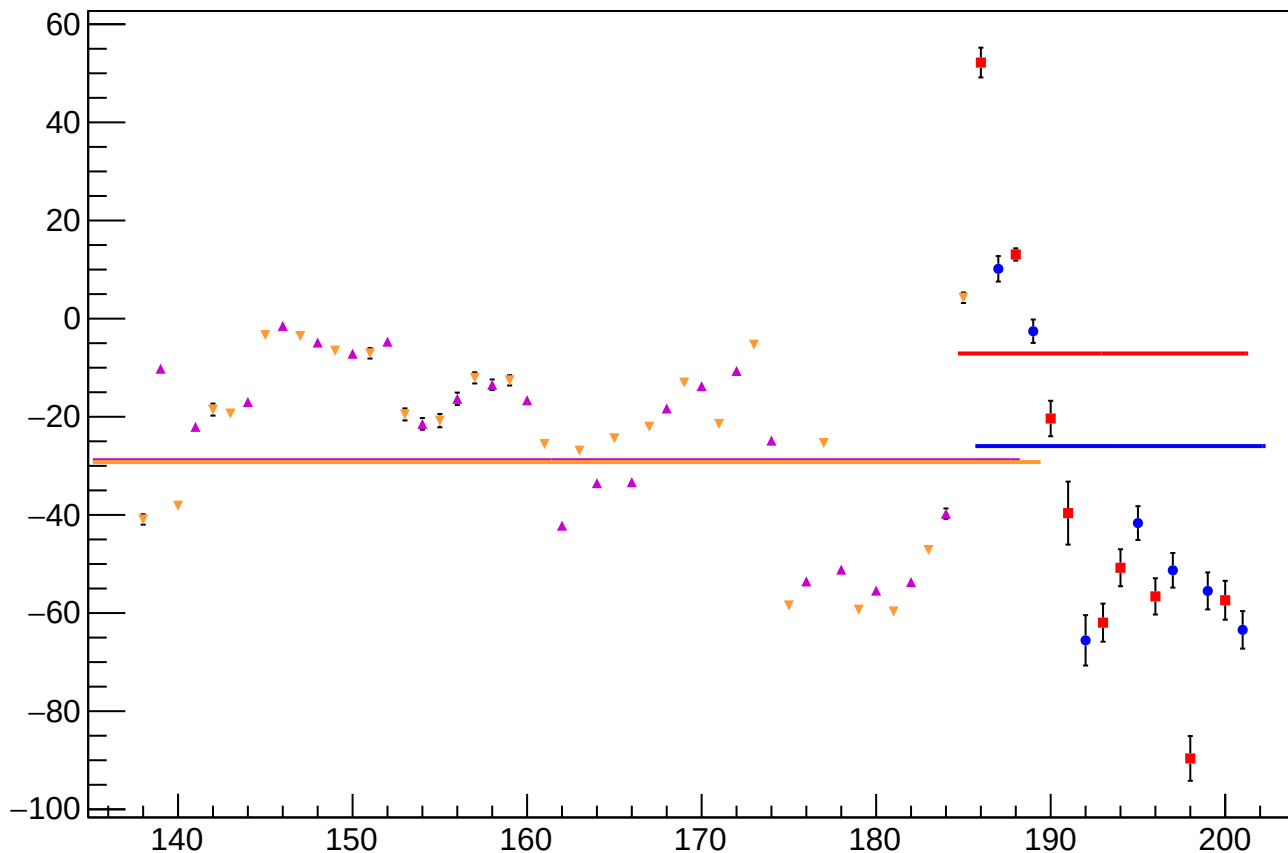
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -1.193 ± 0.035 χ^2/NDF : 126.9/6
 Left Out: -0.115 ± 0.006 χ^2/NDF : 2288.7/24
 Right Out: -1.045 ± 0.031 χ^2/NDF : 676.3/8
 Left In: -0.085 ± 0.006 χ^2/NDF : 3148.4/22

+ sign -0.143 ± 0.006 χ^2/NDF : 3356.5/31
 All: -0.131 ± 0.004 χ^2/NDF : 8144.3/63
 - sign -0.118 ± 0.006 χ^2/NDF : 4778.0/31

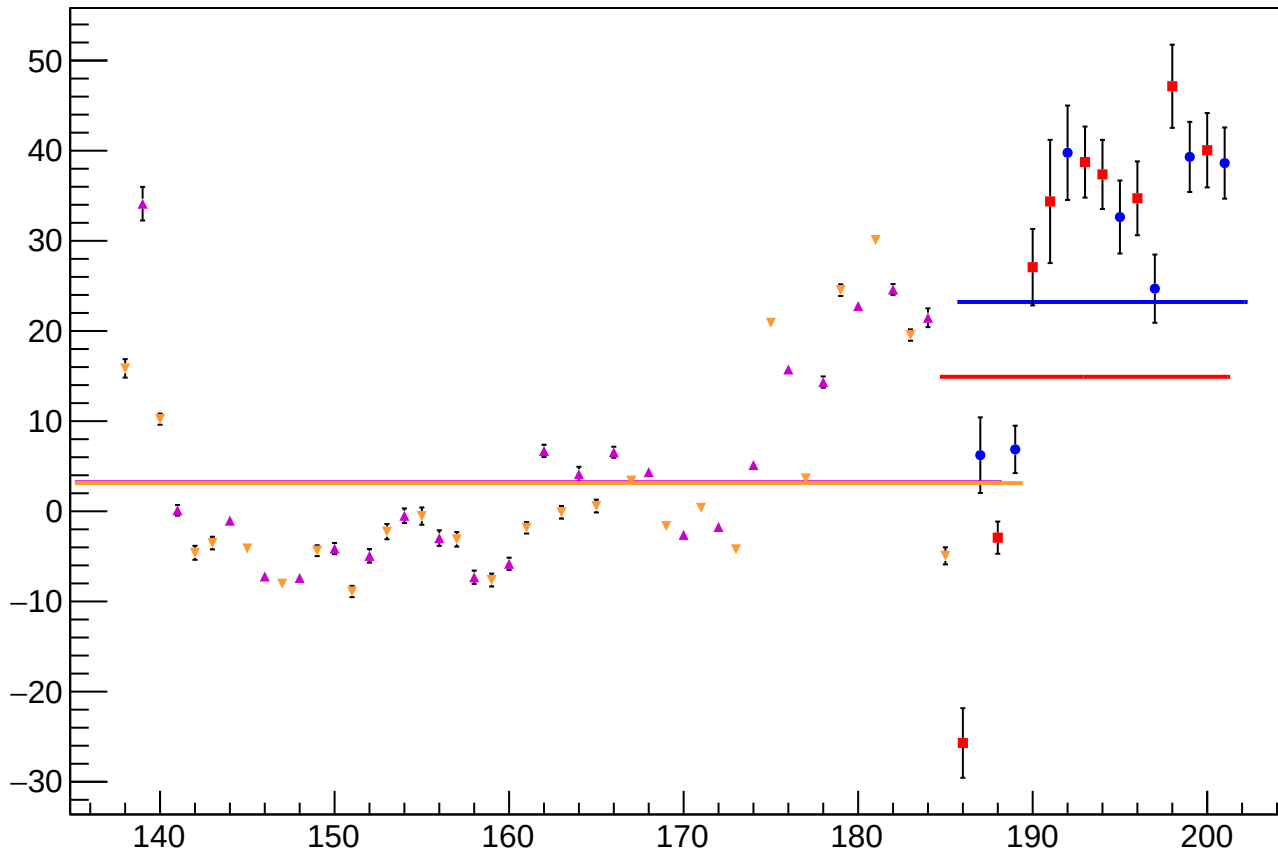
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -25.976 ± 1.225 $\chi^2/\text{NDF}: 579.2/6$
 Left Out: -29.227 ± 0.157 $\chi^2/\text{NDF}: 16880.0/24$
 Right Out: -7.099 ± 0.925 $\chi^2/\text{NDF}: 1684.2/8$
 Left In: -28.857 ± 0.159 $\chi^2/\text{NDF}: 13553.6/22$

+ sign -29.175 ± 0.156 $\chi^2/\text{NDF}: 17466.1/31$
 All: -28.706 ± 0.110 $\chi^2/\text{NDF}: 33259.8/63$
 - sign -28.232 ± 0.157 $\chi^2/\text{NDF}: 15775.5/31$

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 23.222 ± 1.416 $\chi^2/\text{NDF}: 102.9/6$

Left Out: 3.126 ± 0.125 $\chi^2/\text{NDF}: 8049.0/24$

Right Out: 14.920 ± 1.150 $\chi^2/\text{NDF}: 407.0/8$

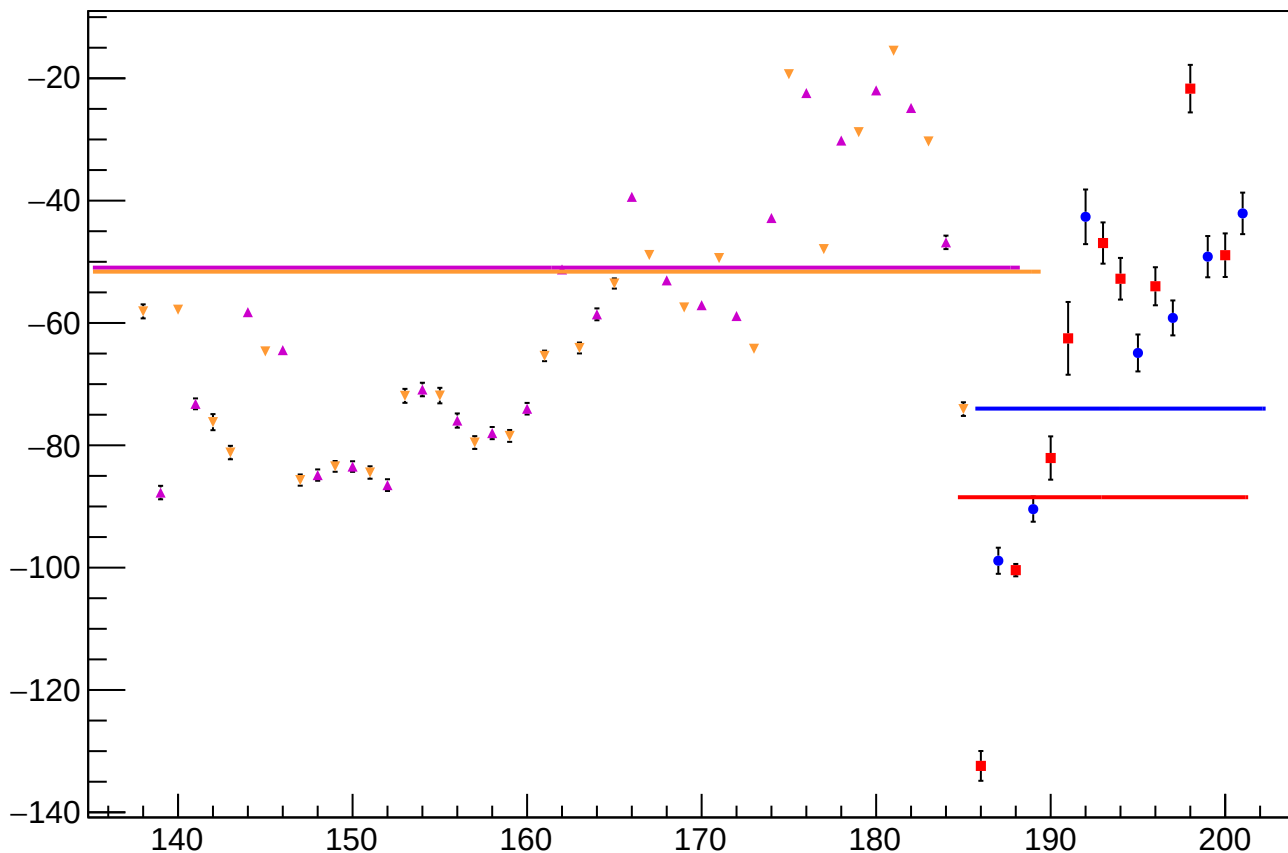
Left In: 3.224 ± 0.127 $\chi^2/\text{NDF}: 6274.0/22$

+ sign 3.280 ± 0.124 $\chi^2/\text{NDF}: 8351.9/31$

All: 3.321 ± 0.088 $\chi^2/\text{NDF}: 15135.3/63$

- sign 3.364 ± 0.126 $\chi^2/\text{NDF}: 6783.2/31$

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -73.998 ± 1.047 $\chi^2/\text{NDF}: 427.6/6$

Left Out: -51.610 ± 0.158 $\chi^2/\text{NDF}: 19384.9/24$

Right Out: -88.488 ± 0.772 $\chi^2/\text{NDF}: 1290.2/8$

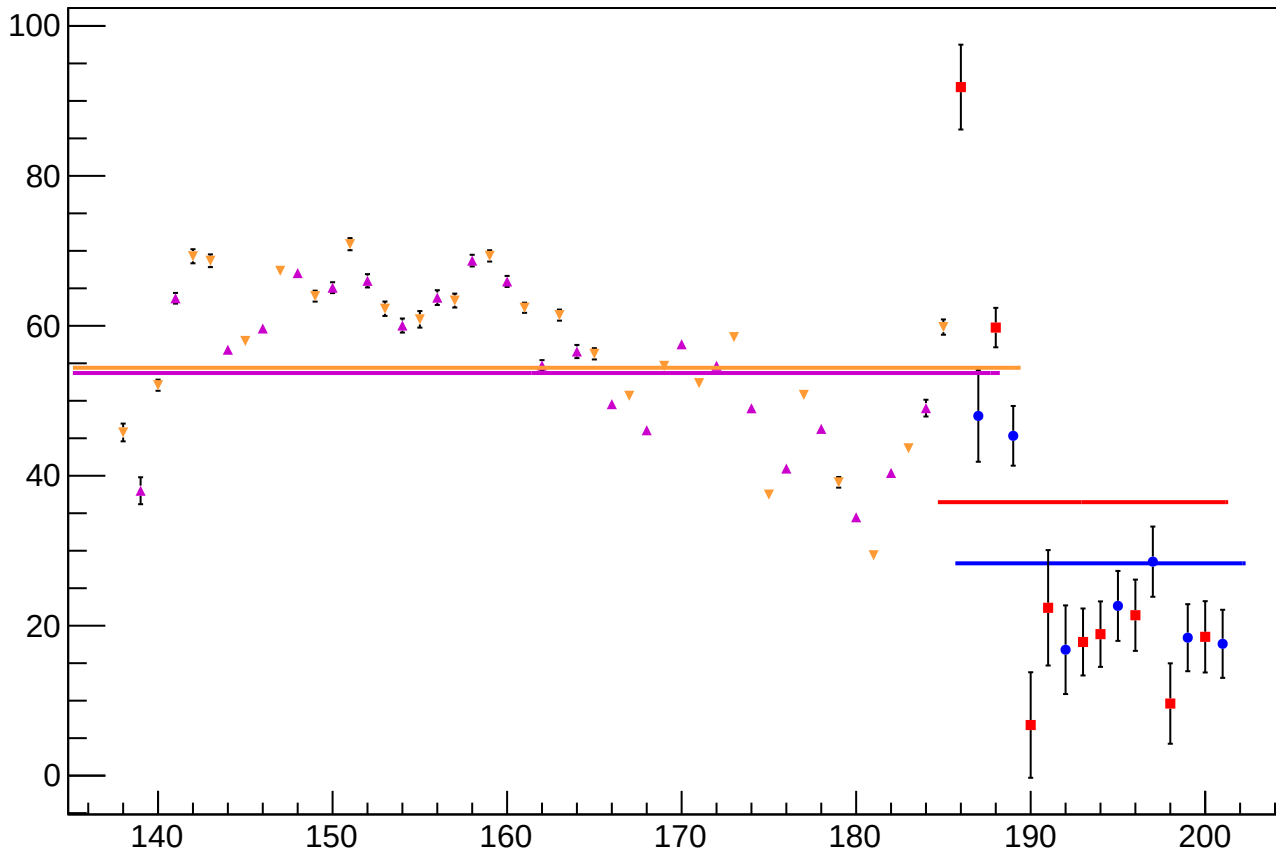
Left In: -50.954 ± 0.159 $\chi^2/\text{NDF}: 17472.2/22$

+ sign -52.109 ± 0.156 $\chi^2/\text{NDF}: 20259.8/31$

All: -52.300 ± 0.110 $\chi^2/\text{NDF}: 41292.2/63$

- sign -52.490 ± 0.156 $\chi^2/\text{NDF}: 21029.5/31$

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 28.320 $\pm$ 1.800 χ^2 /NDF: 44.4/6

Left Out: 54.407 $\pm$ 0.141 χ^2 /NDF: 6200.4/24

Right Out: 36.478 $\pm$ 1.510 χ^2 /NDF: 278.3/8

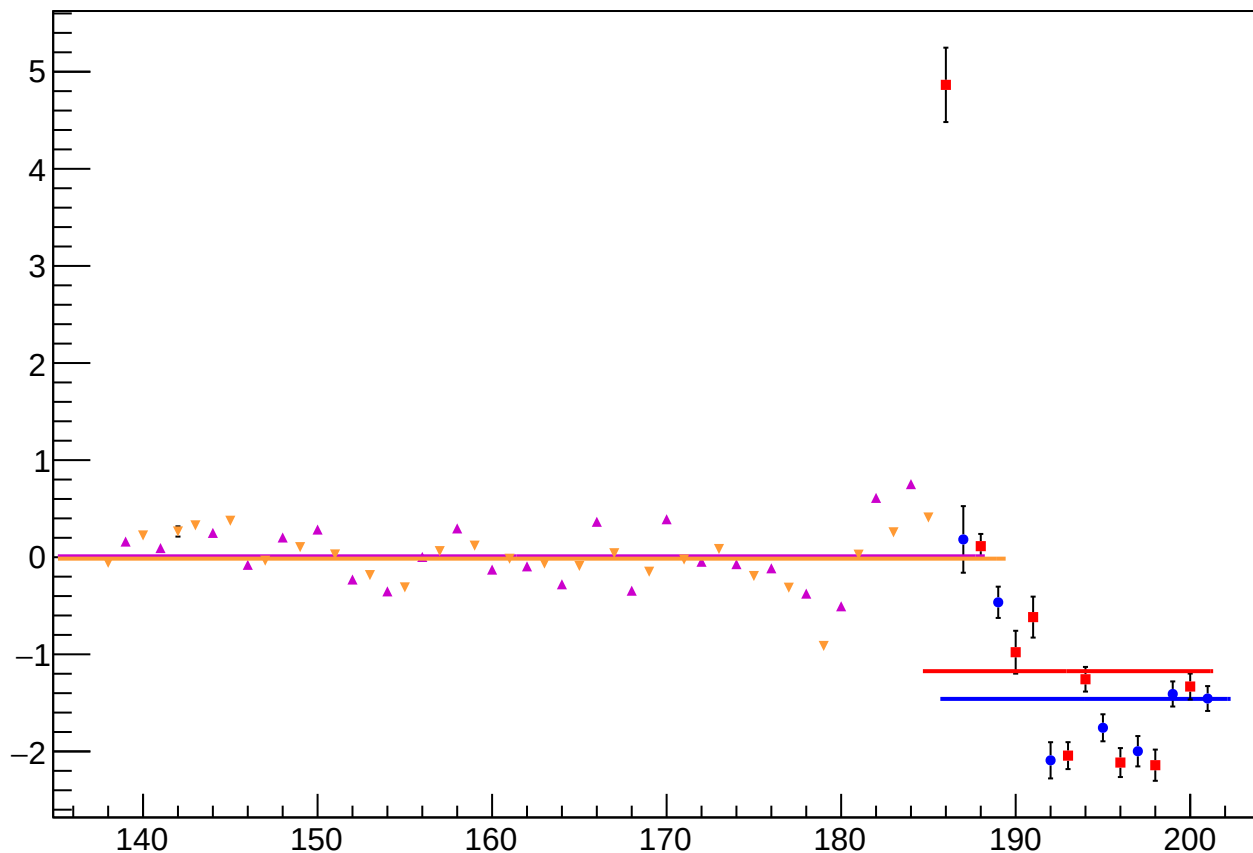
Left In: 53.704 $\pm$ 0.143 χ^2 /NDF: 4603.5/22

+ sign 54.249 $\pm$ 0.140 χ^2 /NDF: 6453.5/31

All: 53.905 $\pm$ 0.100 χ^2 /NDF: 11476.4/63

- sign 53.551 $\pm$ 0.142 χ^2 /NDF: 5010.7/31

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -1.459 $\pm$ 0.059 χ^2 /NDF: 89.2/6

Left Out: -0.015 $\pm$ 0.006 χ^2 /NDF:1645.9/24

Right Out: -1.173 $\pm$ 0.052 χ^2 /NDF: 478.3/8

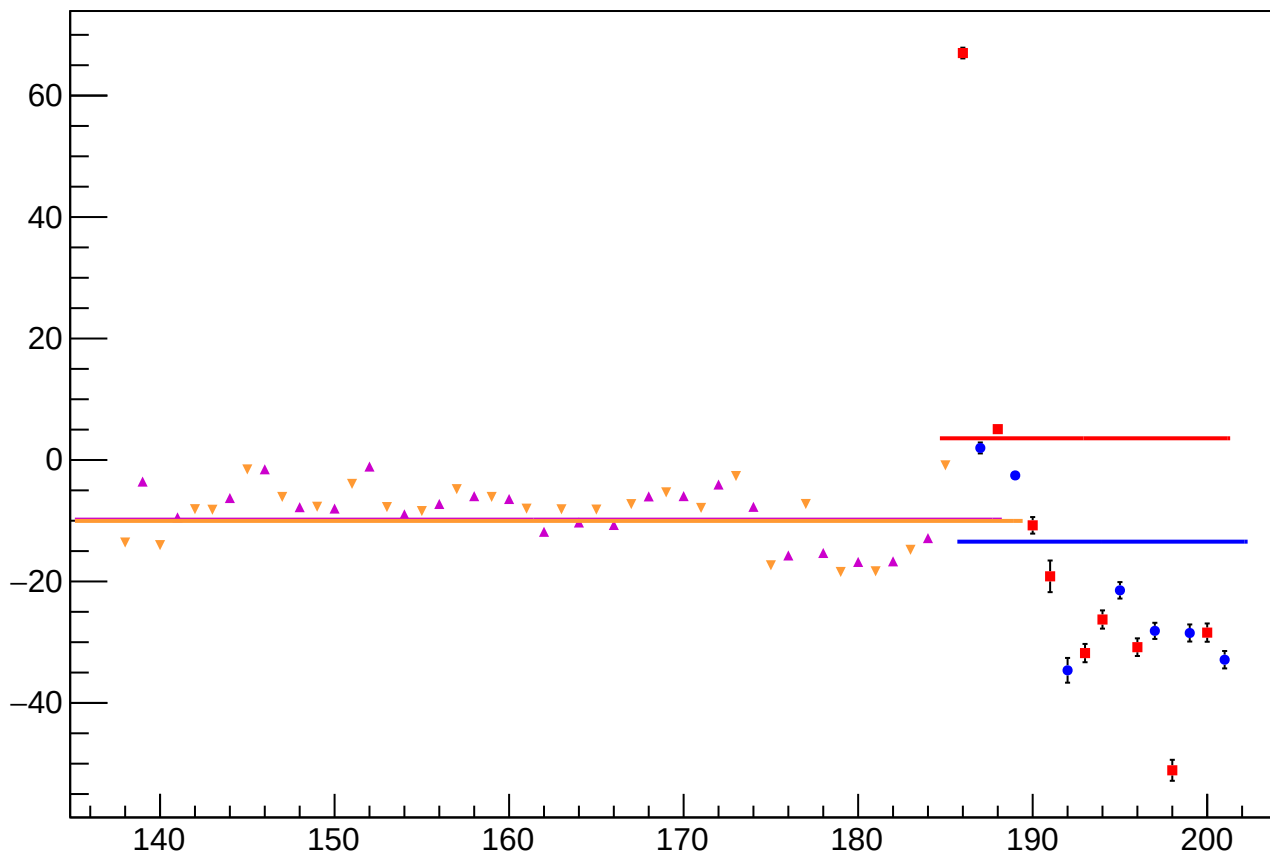
Left In: 0.009 $\pm$ 0.007 χ^2 /NDF:2228.9/22

+ sign -0.032 $\pm$ 0.006 χ^2 /NDF: 2331.4/31

All: -0.020 $\pm$ 0.005 χ^2 /NDF: 5550.6/63

- sign -0.009 $\pm$ 0.006 χ^2 /NDF: 3212.8/31

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -13.446 ± 0.446 $\chi^2/\text{NDF}: 1028.9/6$

Left Out: -10.030 ± 0.051 $\chi^2/\text{NDF}: 12530.2/24$

Right Out: 3.572 ± 0.331 $\chi^2/\text{NDF}: 8296.2/8$

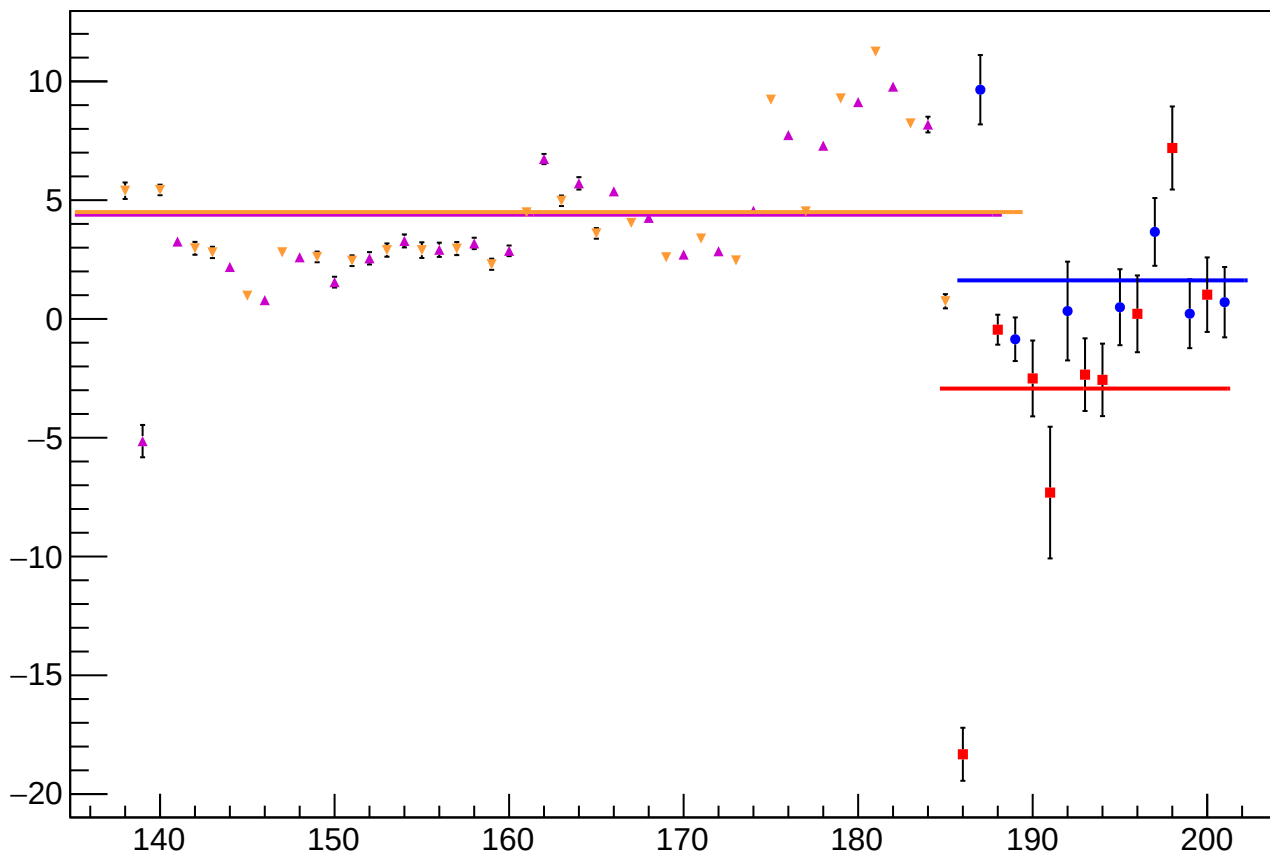
Left In: -9.820 ± 0.051 $\chi^2/\text{NDF}: 9468.8/22$

+ sign -10.073 ± 0.050 $\chi^2/\text{NDF}: 13617.0/31$

All: -9.791 ± 0.036 $\chi^2/\text{NDF}: 33044.6/63$

- sign -9.507 ± 0.051 $\chi^2/\text{NDF}: 19364.7/31$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 1.623 ± 0.520 $\chi^2/\text{NDF}: 41.8/6$

Left Out: 4.499 ± 0.041 $\chi^2/\text{NDF}: 4809.3/24$

Right Out: -2.930 ± 0.415 $\chi^2/\text{NDF}: 252.1/8$

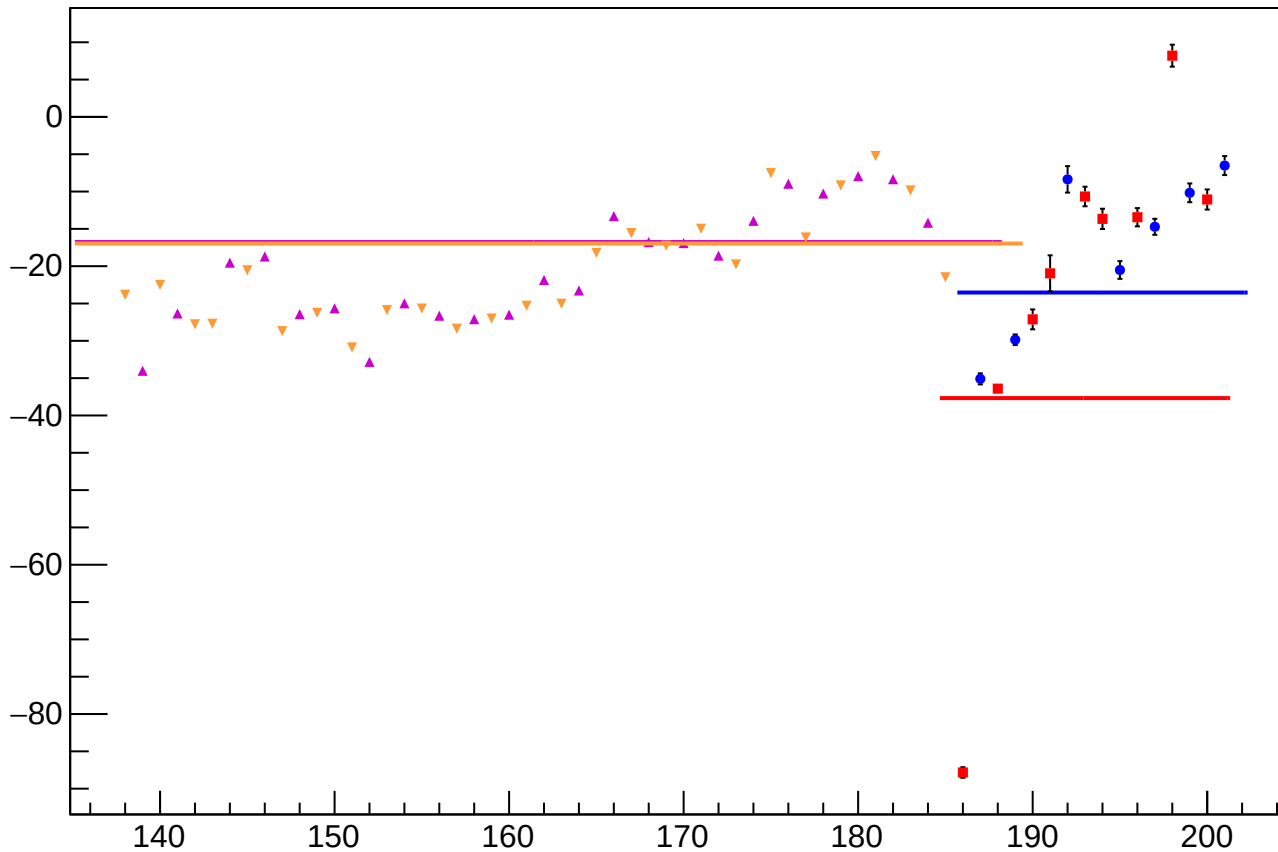
Left In: 4.388 ± 0.041 $\chi^2/\text{NDF}: 4266.4/22$

+ sign 4.481 ± 0.041 $\chi^2/\text{NDF}: 4881.5/31$

All: 4.399 ± 0.029 $\chi^2/\text{NDF}: 9716.4/63$

- sign 4.317 ± 0.041 $\chi^2/\text{NDF}: 4826.8/31$

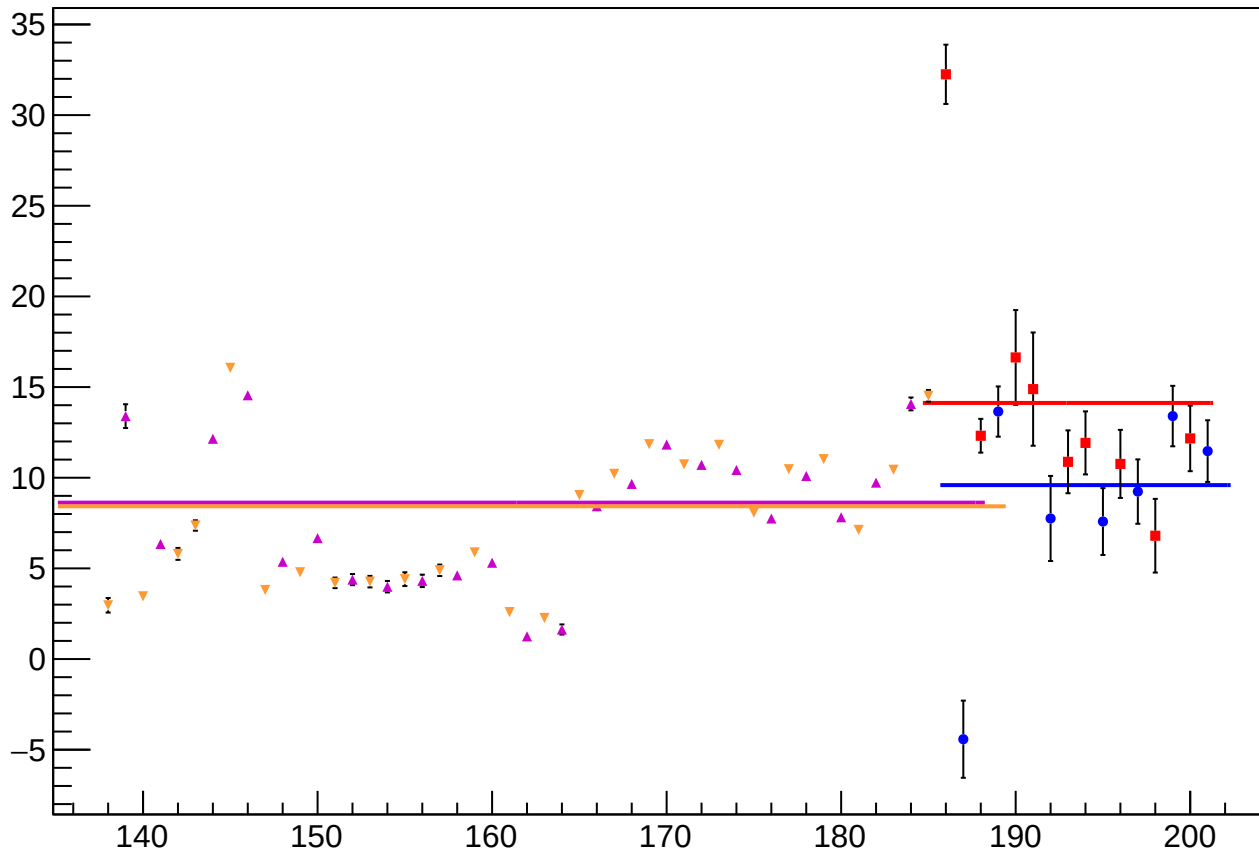
reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -23.530±/0.379 χ^2/NDF : 761.1/6
 Left Out: -16.965±/0.051 χ^2/NDF :21902.1/24
 Right Out: -37.673±/0.275 χ^2/NDF : 7589.4/8
 Left In: -16.764±/0.051 χ^2/NDF :19037.7/22

+ sign -17.082±/0.051 χ^2/NDF : 22957.2/31
 All: -17.277±/0.036 χ^2/NDF : 55211.3/63
 - sign -17.470±/0.050 χ^2/NDF : 32224.7/31

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 9.593+/-0.668 χ^2/NDF : 60.2/6

Left Out: 8.424+/-0.046 χ^2/NDF : 6478.6/24

Right Out: 14.125+/-0.553 χ^2/NDF : 150.1/8

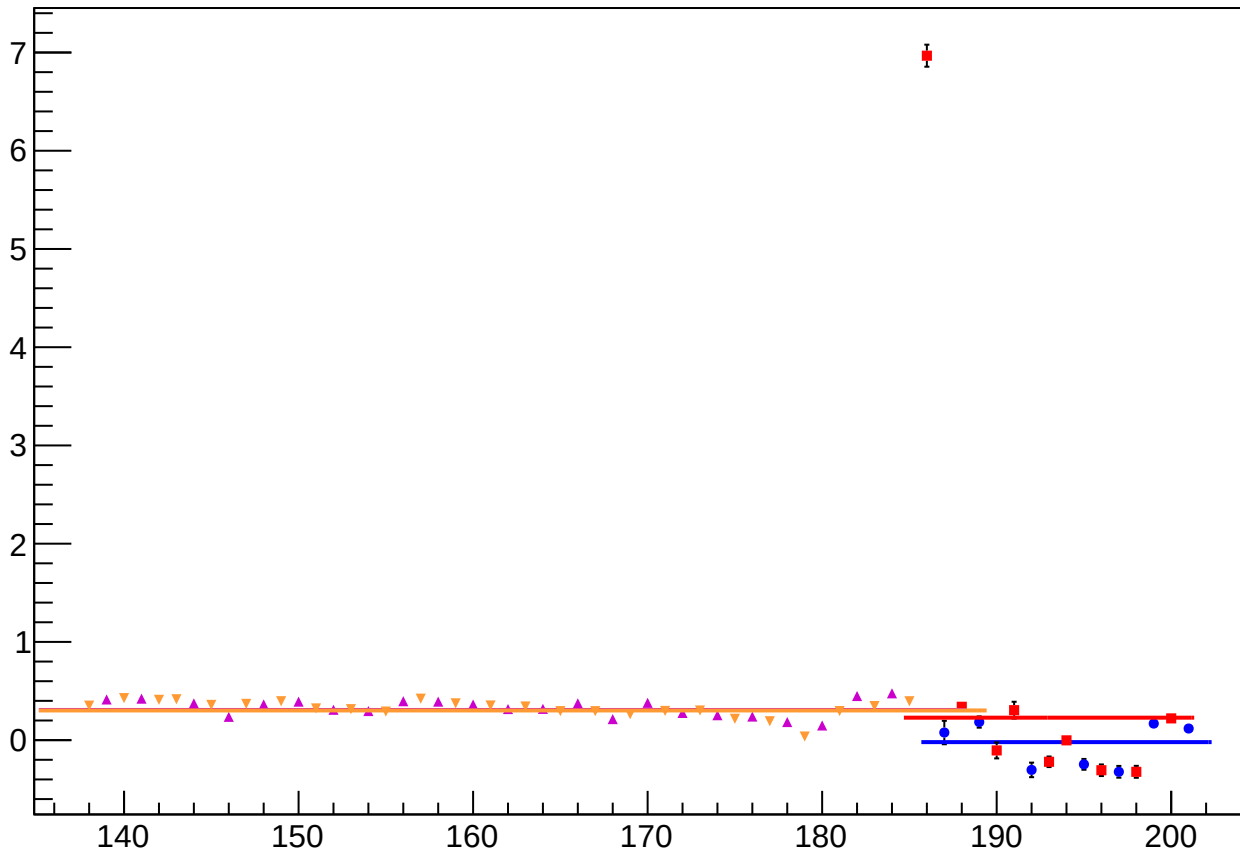
Left In: 8.626+/-0.046 χ^2/NDF : 5531.9/22

+ sign 8.429+/-0.046 χ^2/NDF : 6541.9/31

All: 8.546+/-0.032 χ^2/NDF : 12335.2/63

- sign 8.664+/-0.046 χ^2/NDF : 5780.2/31

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: -0.020 ± 0.022 χ^2/NDF : 94.1/6

Left Out: 0.302 ± 0.002 χ^2/NDF : 1589.8/24

Right Out: 0.229 ± 0.020 χ^2/NDF : 3886.5/8

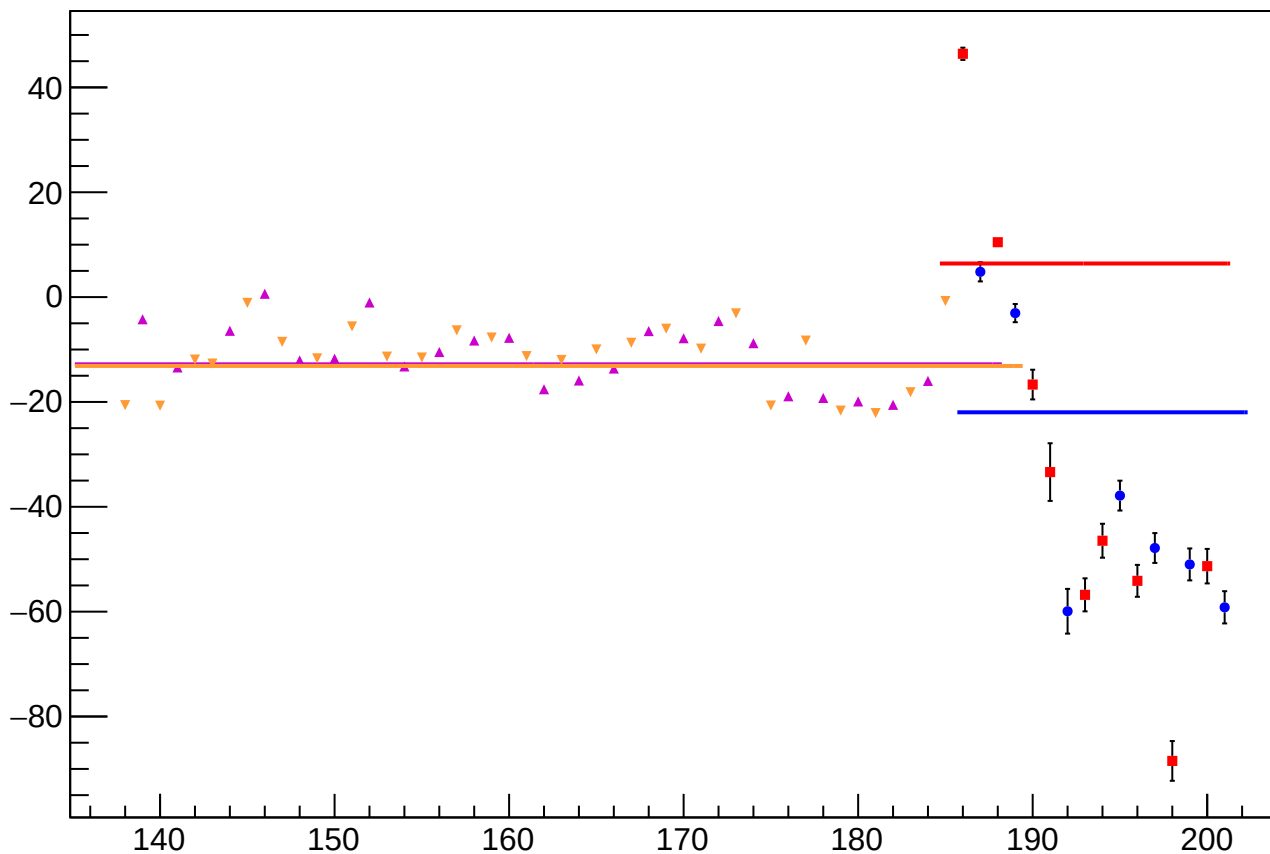
Left In: 0.307 ± 0.002 χ^2/NDF : 1716.8/22

+ sign 0.299 ± 0.002 χ^2/NDF : 1893.2/31

All: 0.303 ± 0.001 χ^2/NDF : 7517.2/63

- sign 0.306 ± 0.002 χ^2/NDF : 5618.8/31

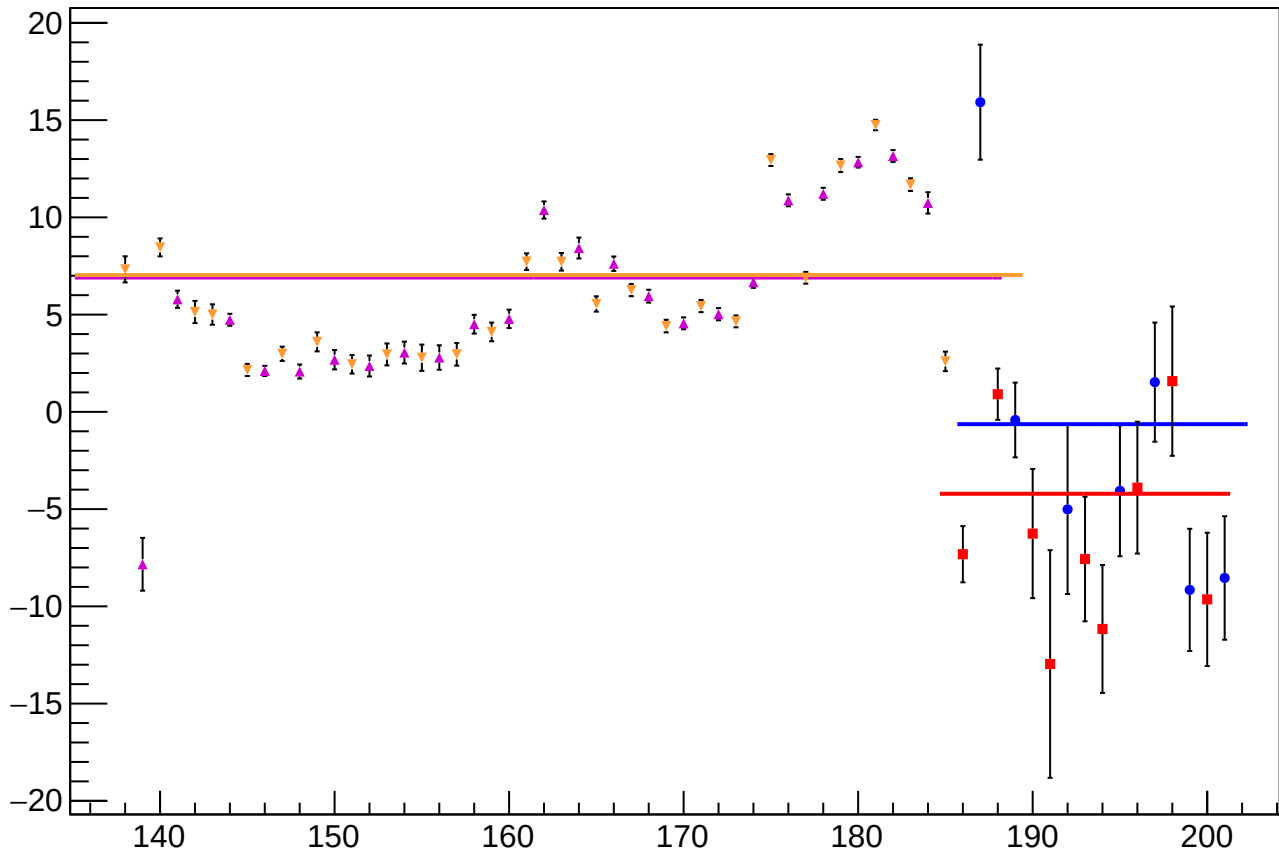
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -21.974±/-0.934 χ^2/NDF : 763.9/6
 Left Out: -13.133±/-0.094 χ^2/NDF : 5974.5/24
 Right Out: 6.409±/-0.631 χ^2/NDF : 3312.3/8
 Left In: -12.823±/-0.095 χ^2/NDF : 4841.5/22

+ sign -13.221±/-0.093 χ^2/NDF : 6827.1/31
 All: -12.812±/-0.066 χ^2/NDF : 15927.2/63
 - sign -12.400±/-0.094 χ^2/NDF : 9061.5/31

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: -0.633 ± 1.095 $\chi^2/\text{NDF}: 47.5/6$

Left Out: 7.034 ± 0.077 $\chi^2/\text{NDF}: 2657.5/24$

Right Out: -4.211 ± 0.790 $\chi^2/\text{NDF}: 32.7/8$

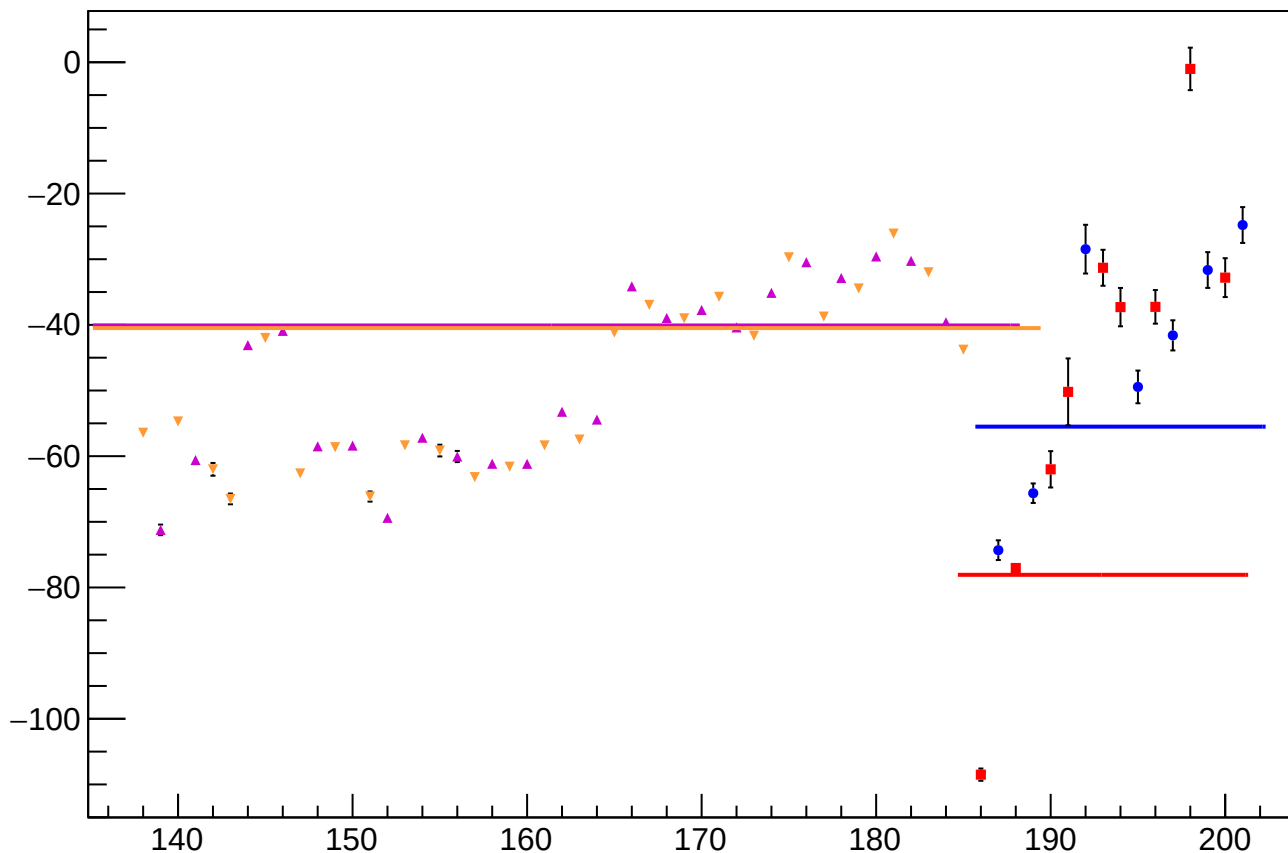
Left In: 6.906 ± 0.077 $\chi^2/\text{NDF}: 2442.8/22$

+ sign 6.996 ± 0.077 $\chi^2/\text{NDF}: 2753.7/31$

All: 6.898 ± 0.055 $\chi^2/\text{NDF}: 5428.6/63$

- sign 6.800 ± 0.077 $\chi^2/\text{NDF}: 2671.7/31$

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -55.502 ± 0.794 $\chi^2/\text{NDF}: 502.2/6$

Left Out: -40.492 ± 0.095 $\chi^2/\text{NDF}: 15435.0/24$

Right Out: -78.072 ± 0.520 $\chi^2/\text{NDF}: 2665.0/8$

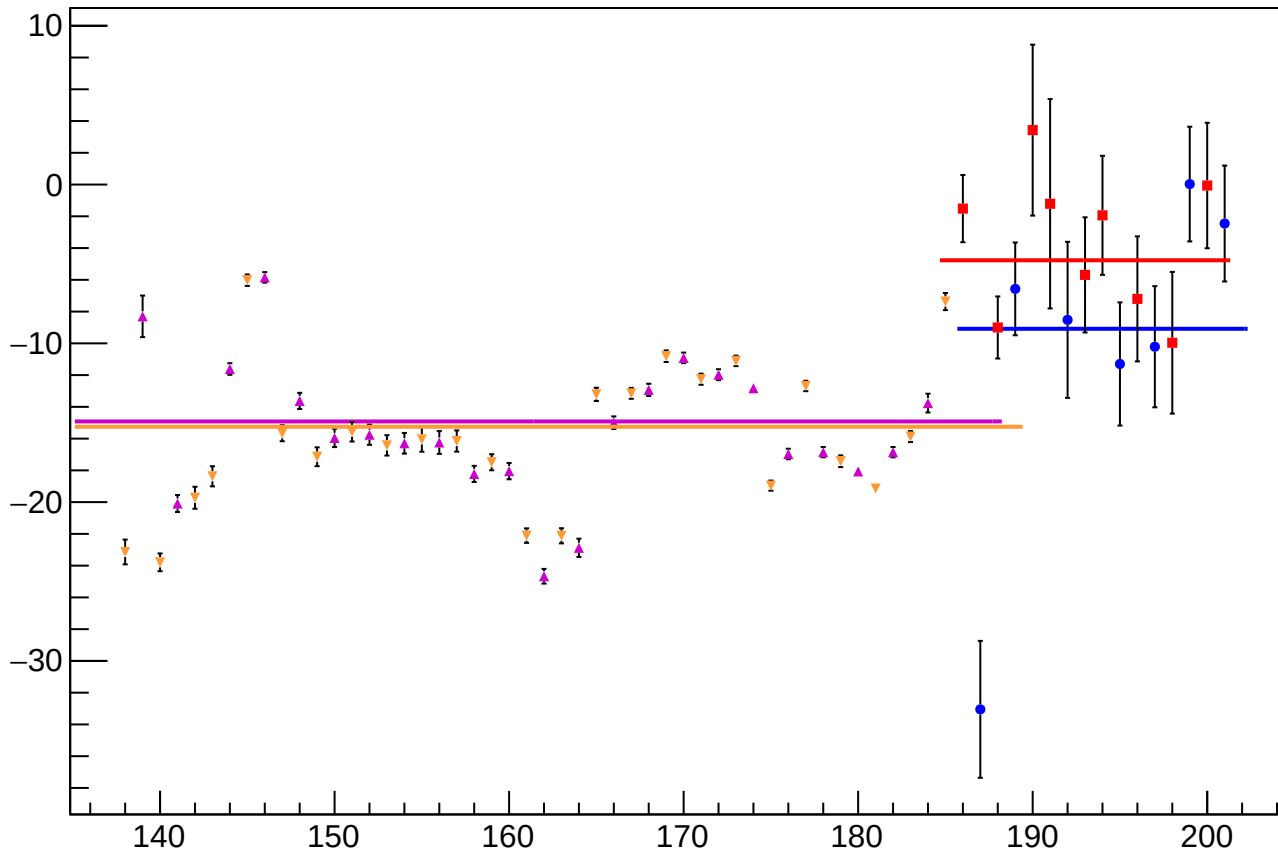
Left In: -40.091 ± 0.095 $\chi^2/\text{NDF}: 14103.5/22$

+ sign -40.704 ± 0.094 $\chi^2/\text{NDF}: 16289.9/31$

All: -41.015 ± 0.066 $\chi^2/\text{NDF}: 38236.8/63$

- sign -41.323 ± 0.094 $\chi^2/\text{NDF}: 21925.2/31$

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -9.083+/-1.415 χ^2/NDF : 41.7/6

Left Out: -15.254+/-0.086 χ^2/NDF : 2594.4/24

Right Out: -4.770+/-1.073 χ^2/NDF : 13.4/8

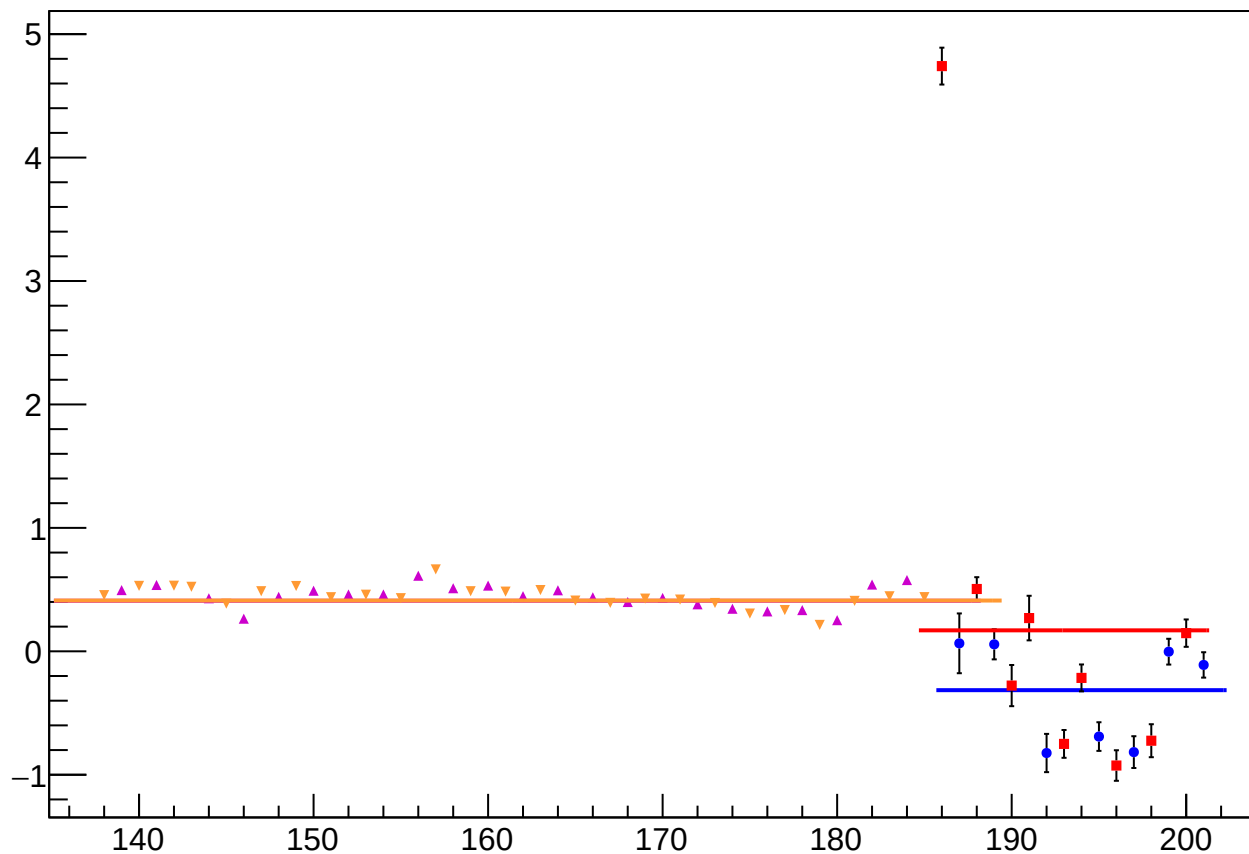
Left In: -14.919+/-0.087 χ^2/NDF : 2207.7/22

+ sign -15.232+/-0.086 χ^2/NDF : 2655.1/31

All: -15.043+/-0.061 χ^2/NDF : 4974.8/63

- sign -14.854+/-0.086 χ^2/NDF : 2310.0/31

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.315 ± 0.047 χ^2/NDF : 61.1/6

Left Out: 0.411 ± 0.004 χ^2/NDF : 428.8/24

Right Out: 0.170 ± 0.041 χ^2/NDF : 1158.7/8

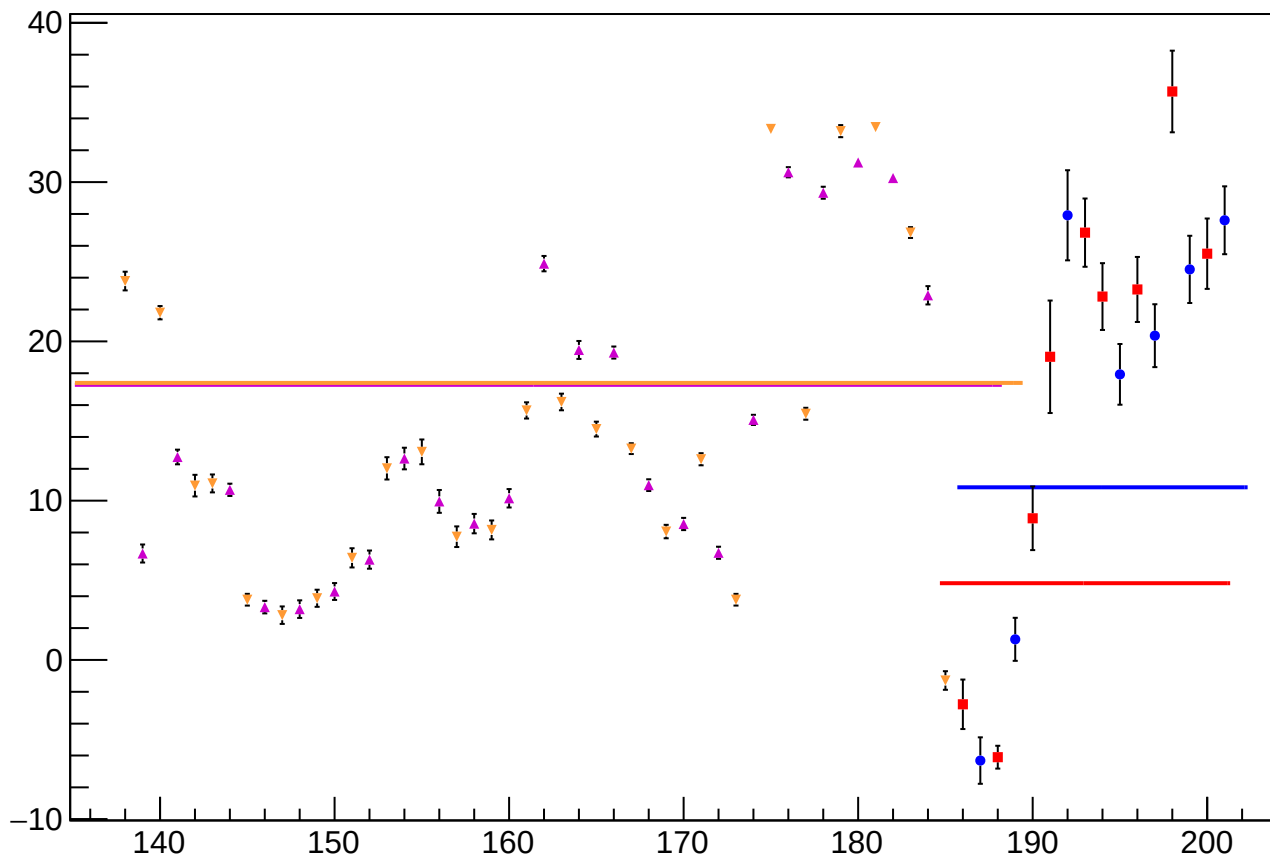
Left In: 0.409 ± 0.004 χ^2/NDF : 561.9/22

+ sign 0.406 ± 0.004 χ^2/NDF : 723.9/31

All: 0.407 ± 0.003 χ^2/NDF : 2477.8/63

- sign 0.407 ± 0.004 χ^2/NDF : 1753.9/31

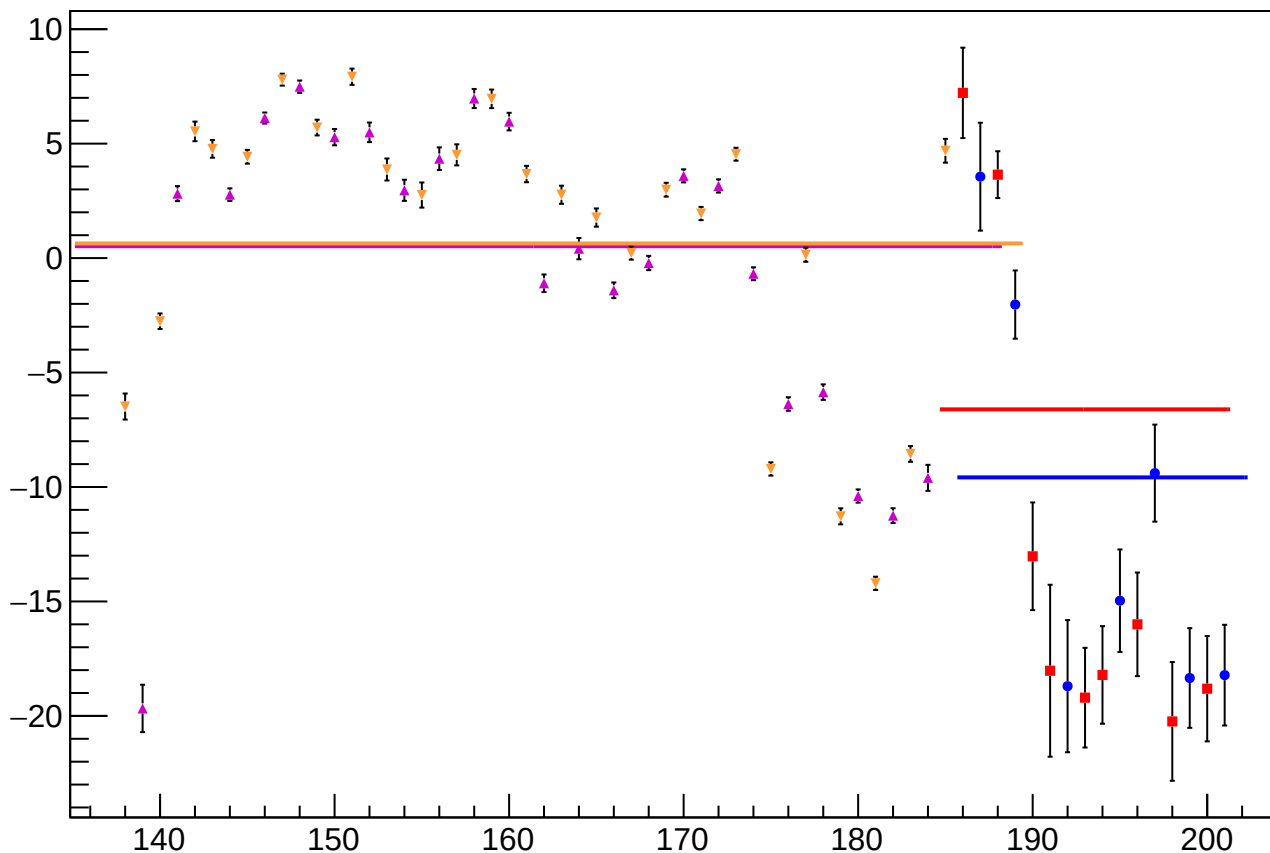
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 10.838 $\pm$ 0.687 χ^2 /NDF: 365.7/6
 Left Out: 17.393 $\pm$ 0.087 χ^2 /NDF:16305.7/24
 Right Out: 4.818 $\pm$ 0.518 χ^2 /NDF: 770.1/8
 Left In: 17.271 $\pm$ 0.088 χ^2 /NDF:12892.2/22

+ sign 17.289 $\pm$ 0.087 χ^2 /NDF: 16761.1/31
 All: 17.105 $\pm$ 0.061 χ^2 /NDF: 30995.0/63
 - sign 16.917 $\pm$ 0.087 χ^2 /NDF: 14224.8/31

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -9.581 ± 0.793 $\chi^2/\text{NDF}: 104.1/6$

Left Out: 0.639 ± 0.070 $\chi^2/\text{NDF}: 8514.9/24$

Right Out: -6.608 ± 0.642 $\chi^2/\text{NDF}: 302.2/8$

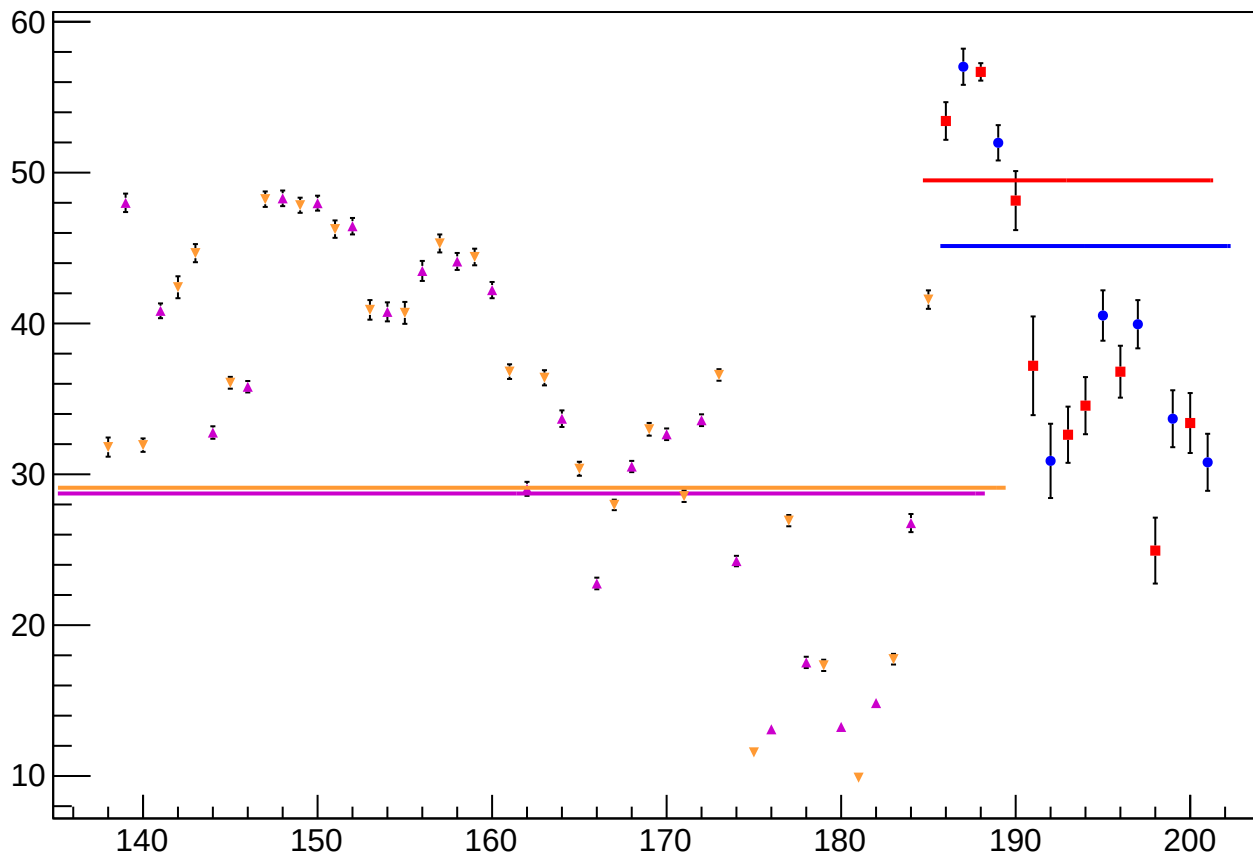
Left In: 0.519 ± 0.071 $\chi^2/\text{NDF}: 6776.8/22$

+ sign 0.561 ± 0.069 $\chi^2/\text{NDF}: 8783.7/31$

All: 0.498 ± 0.049 $\chi^2/\text{NDF}: 15986.3/63$

- sign 0.434 ± 0.070 $\chi^2/\text{NDF}: 7200.8/31$

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 45.134 $\pm$ 0.587 χ^2 /NDF: 278.3/6

Left Out: 29.110 $\pm$ 0.088 χ^2 /NDF:18845.8/24

Right Out: 49.486 $\pm$ 0.432 χ^2 /NDF: 569.1/8

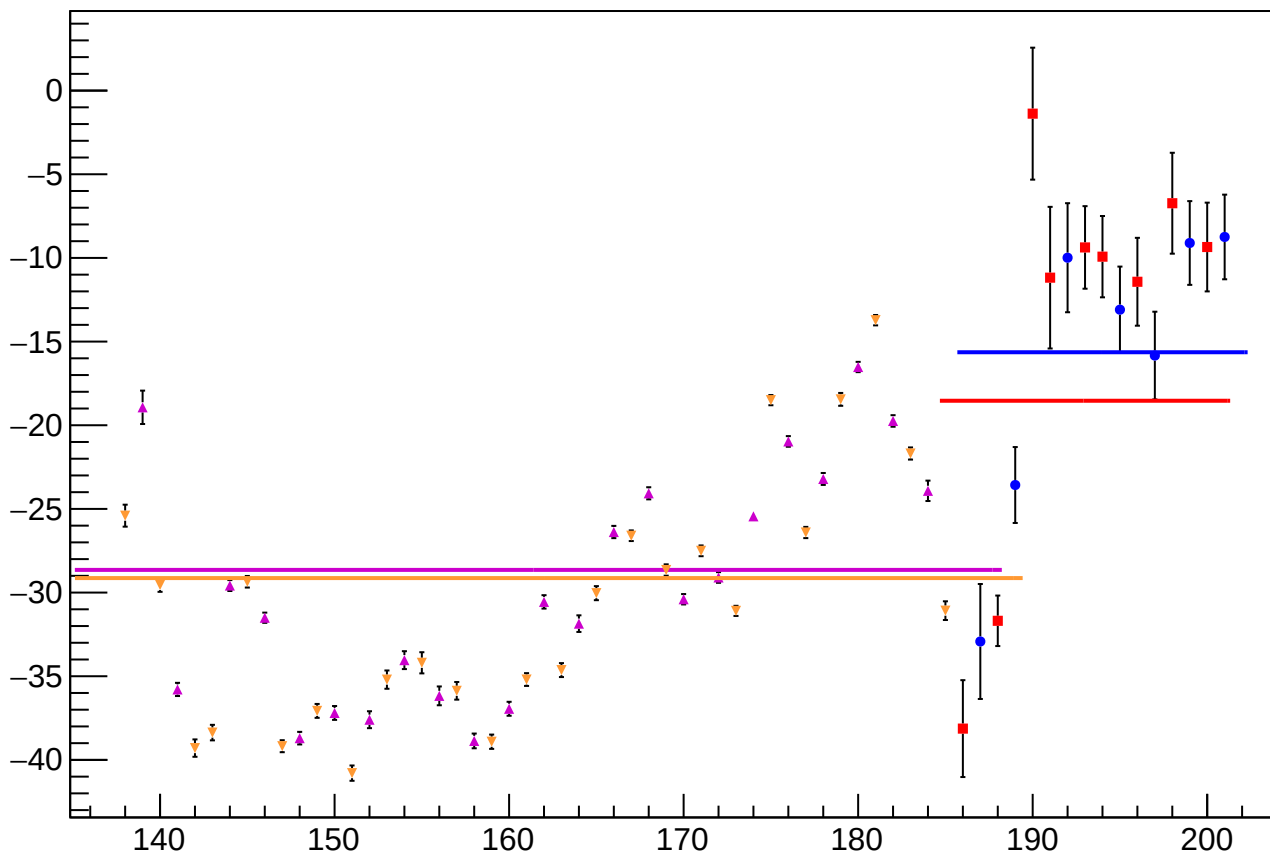
Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

+ sign 29.461 $\pm$ 0.087 χ^2 /NDF: 19852.4/31

All: 29.515 $\pm$ 0.061 χ^2 /NDF: 39672.1/63

- sign 29.568 $\pm$ 0.087 χ^2 /NDF: 19819.0/31

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -15.637 ± 1.007 χ^2/NDF : 55.8/6

Left Out: -29.134 ± 0.078 χ^2/NDF : 8998.0/24

Right Out: -18.536 ± 0.842 χ^2/NDF : 204.7/8

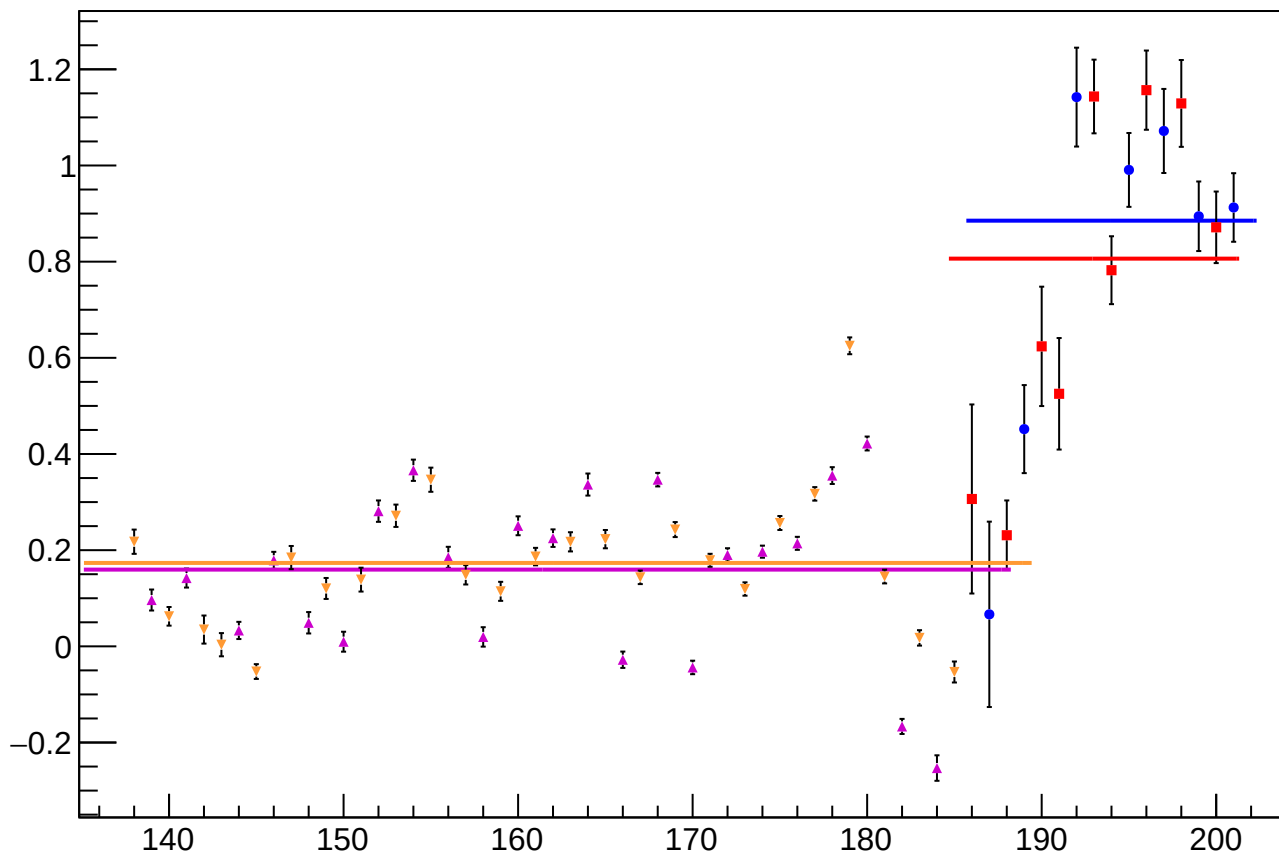
Left In: -28.645 ± 0.080 χ^2/NDF : 6693.5/22

+ sign -29.053 ± 0.078 χ^2/NDF : 9232.2/31

All: -28.807 ± 0.056 χ^2/NDF : 16293.2/63

- sign -28.555 ± 0.079 χ^2/NDF : 7041.0/31

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.885 ± 0.033 $\chi^2/\text{NDF}: 53.3/6$

Left Out: 0.173 ± 0.004 $\chi^2/\text{NDF}: 1468.8/24$

Right Out: 0.806 ± 0.029 $\chi^2/\text{NDF}: 128.9/8$

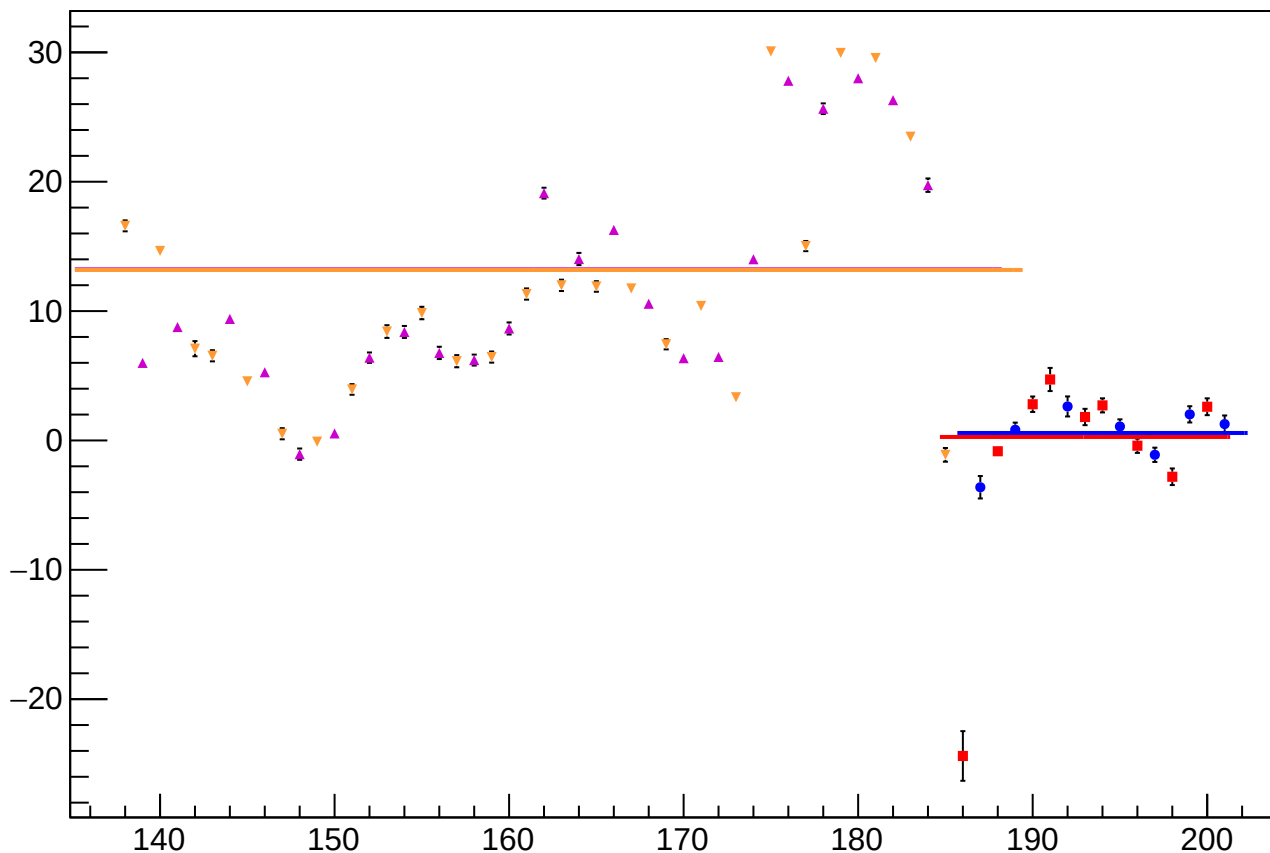
Left In: 0.160 ± 0.004 $\chi^2/\text{NDF}: 2063.7/22$

+ sign 0.182 ± 0.004 $\chi^2/\text{NDF}: 1987.2/31$

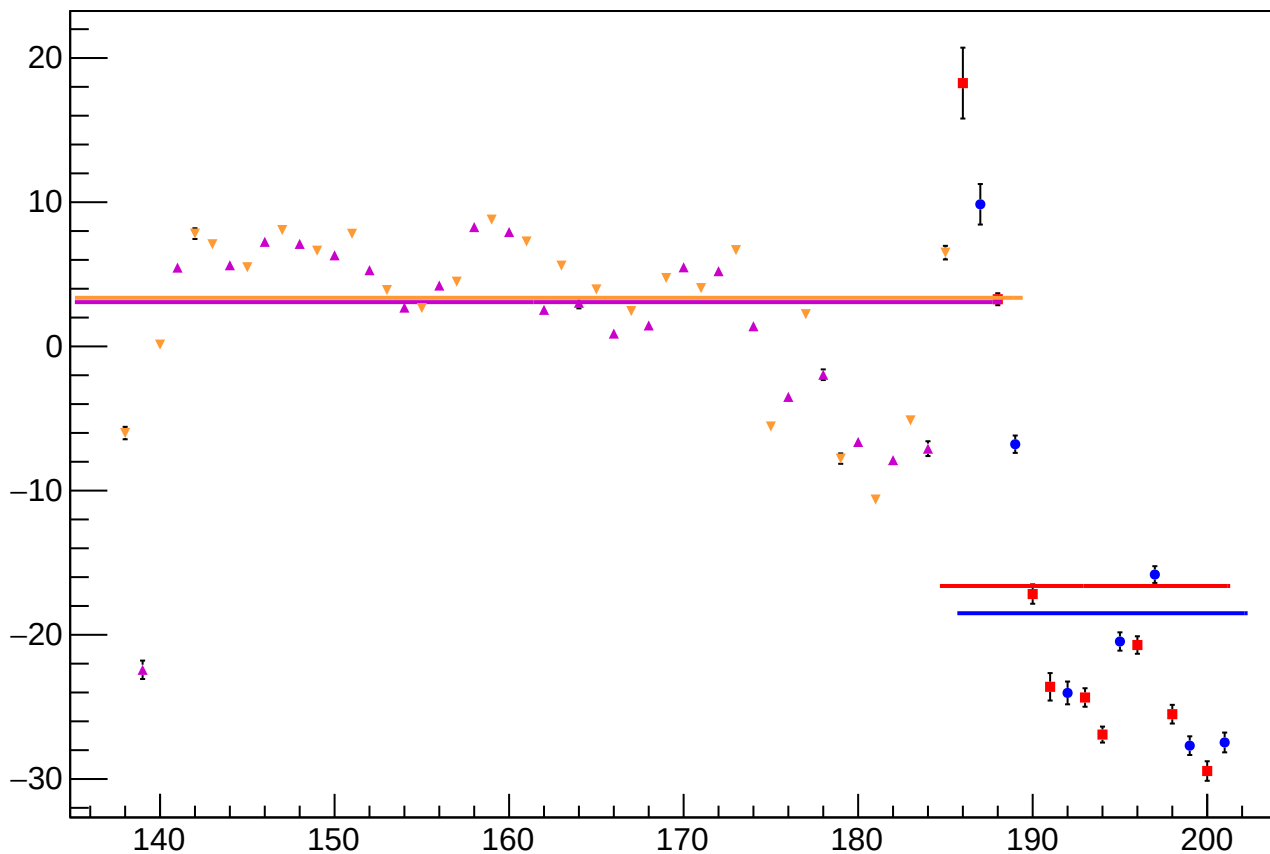
All: 0.176 ± 0.003 $\chi^2/\text{NDF}: 4670.8/63$

- sign 0.170 ± 0.004 $\chi^2/\text{NDF}: 2677.6/31$

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -18.504 ± 0.260 χ^2/NDF : 1237.1/6

Left Out: 3.372 ± 0.059 χ^2/NDF : 8053.7/24

Right Out: -16.614 ± 0.212 χ^2/NDF : 3642.4/8

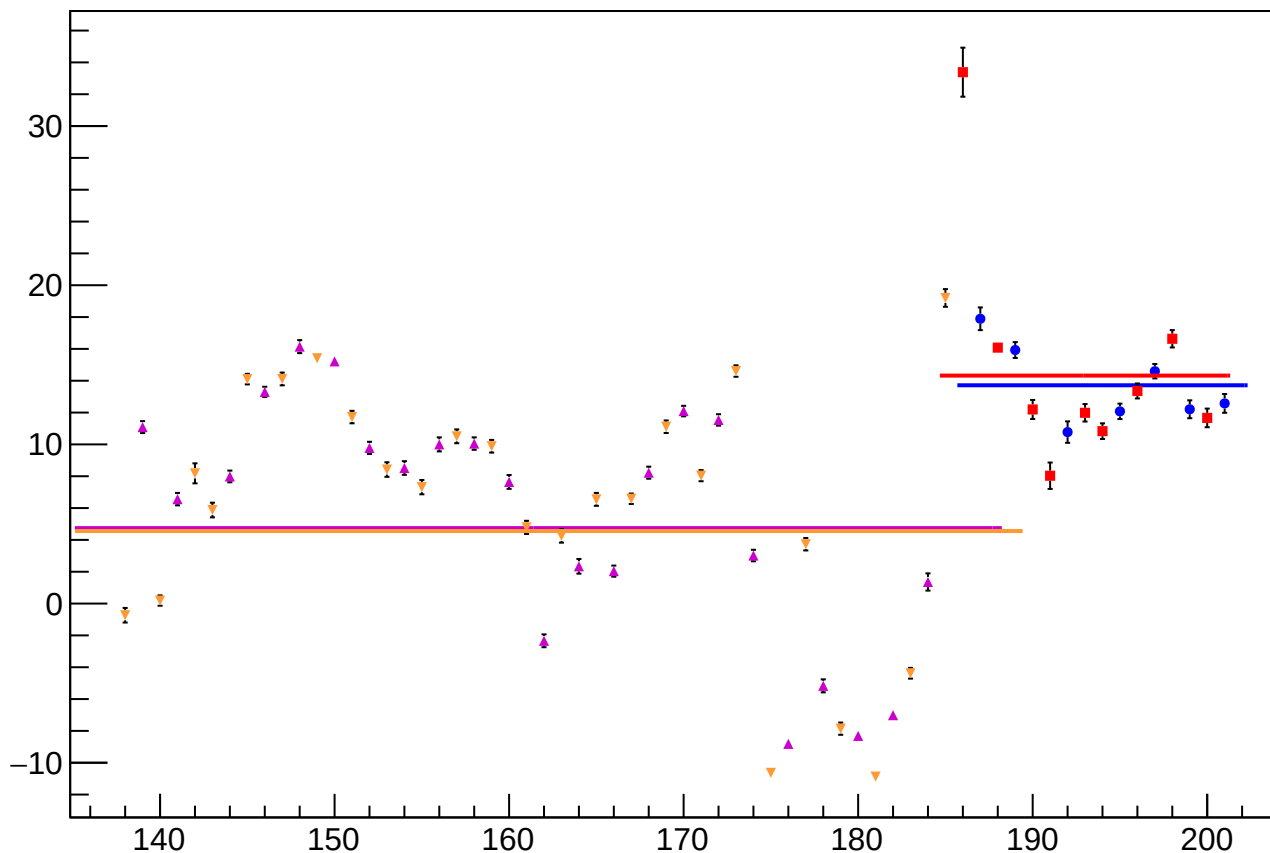
Left In: 3.071 ± 0.060 χ^2/NDF : 7269.0/22

+ sign 2.314 ± 0.057 χ^2/NDF : 16041.1/31

All: 1.959 ± 0.041 χ^2/NDF : 35015.1/63

- sign 1.592 ± 0.058 χ^2/NDF : 18895.3/31

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 13.714 $\pm$ 0.207 χ^2 /NDF: 99.4/6

Left Out: 4.557 $\pm$ 0.076 χ^2 /NDF:13588.4/24

Right Out: 14.322 $\pm$ 0.154 χ^2 /NDF: 393.8/8

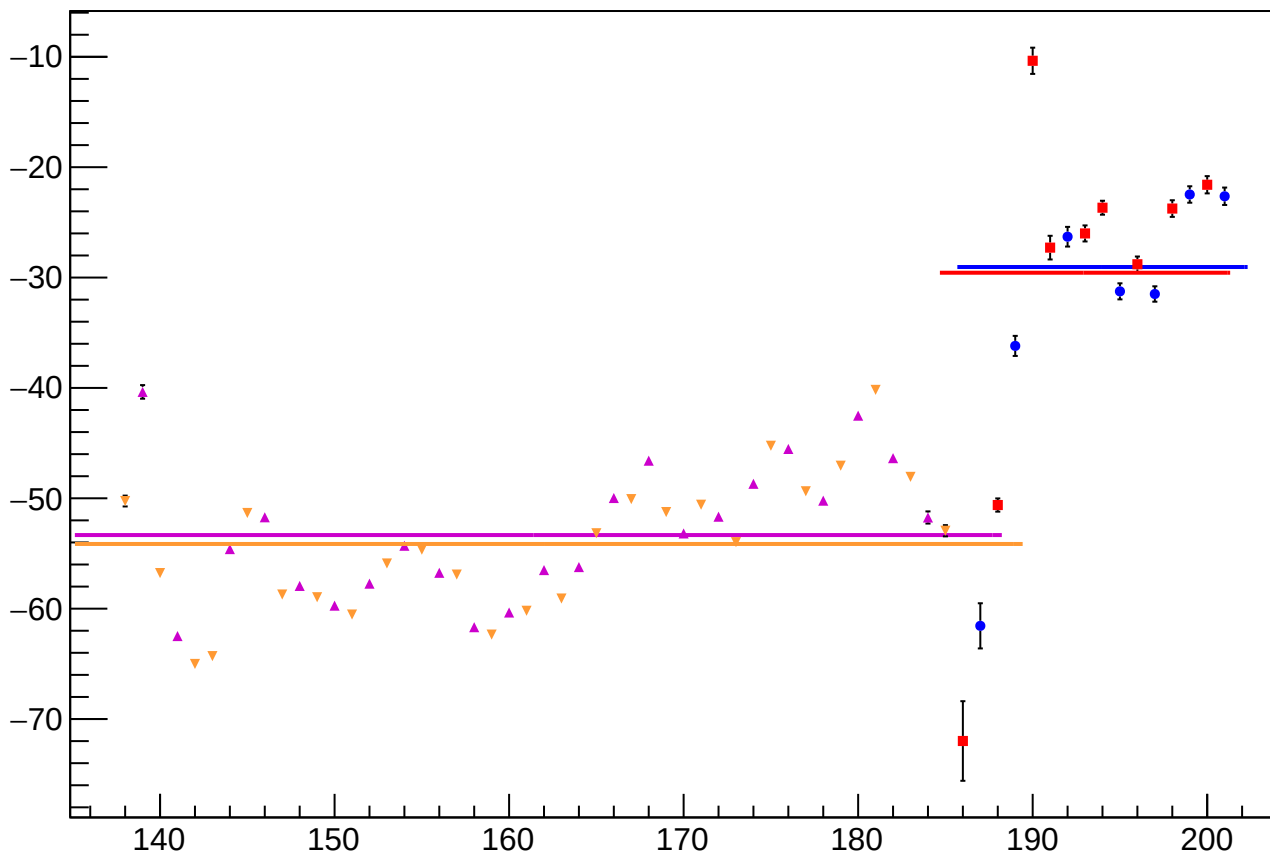
Left In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22

+ sign 5.635 $\pm$ 0.071 χ^2 /NDF: 15418.7/31

All: 6.151 $\pm$ 0.049 χ^2 /NDF: 30432.6/63

- sign 6.630 $\pm$ 0.068 χ^2 /NDF: 14912.1/31

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -29.045 ± 0.315 $\chi^2/\text{NDF}: 489.0/6$

Left Out: -54.139 ± 0.067 $\chi^2/\text{NDF}: 8301.1/24$

Right Out: -29.562 ± 0.265 $\chi^2/\text{NDF}: 1914.6/8$

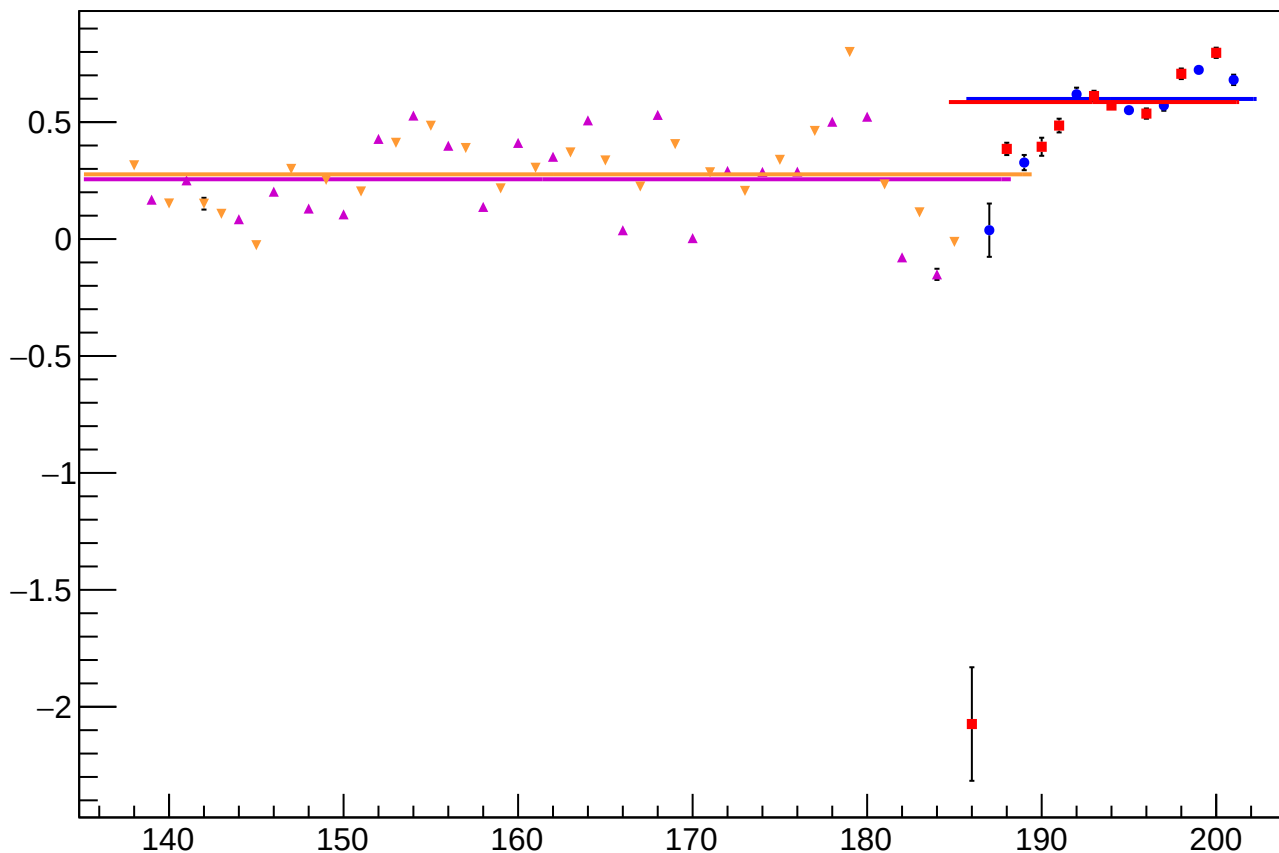
Left In: -53.330 ± 0.068 $\chi^2/\text{NDF}: 6940.2/22$

+ sign -53.068 ± 0.065 $\chi^2/\text{NDF}: 14854.3/31$

All: -52.468 ± 0.046 $\chi^2/\text{NDF}: 31441.3/63$

- sign -51.849 ± 0.066 $\chi^2/\text{NDF}: 16414.2/31$

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.599 ± 0.010 χ^2/NDF : 147.9/6

Left Out: 0.277 ± 0.003 χ^2/NDF : 2606.0/24

Right Out: 0.586 ± 0.008 χ^2/NDF : 341.9/8

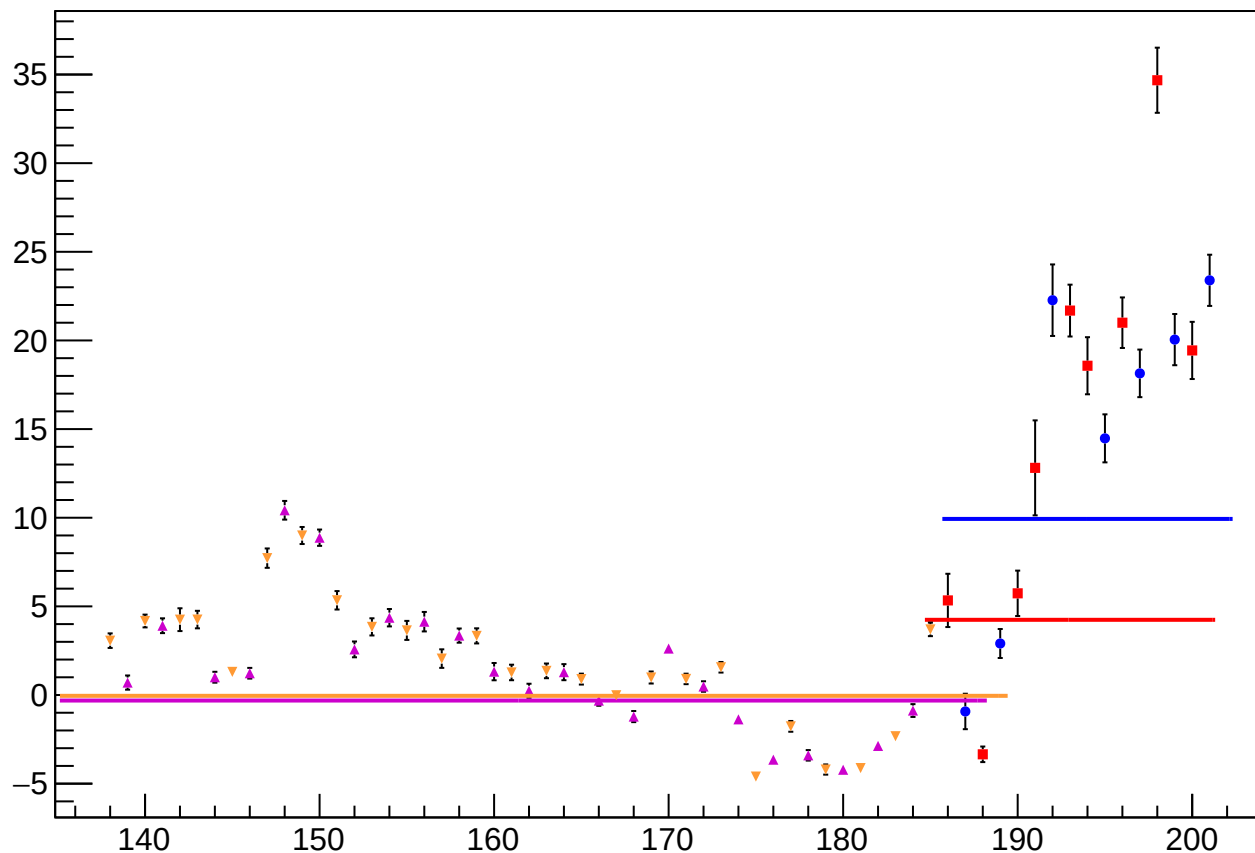
Left In: 0.256 ± 0.003 χ^2/NDF : 3644.0/22

+ sign 0.306 ± 0.003 χ^2/NDF : 3757.2/31

All: 0.301 ± 0.002 χ^2/NDF : 9124.3/63

- sign 0.295 ± 0.003 χ^2/NDF : 5360.6/31

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 9.933 ± 0.456 χ^2/NDF : 413.8/6

Left Out: -0.046 ± 0.066 χ^2/NDF : 2628.9/24

Right Out: 4.242 ± 0.345 χ^2/NDF : 1033.9/8

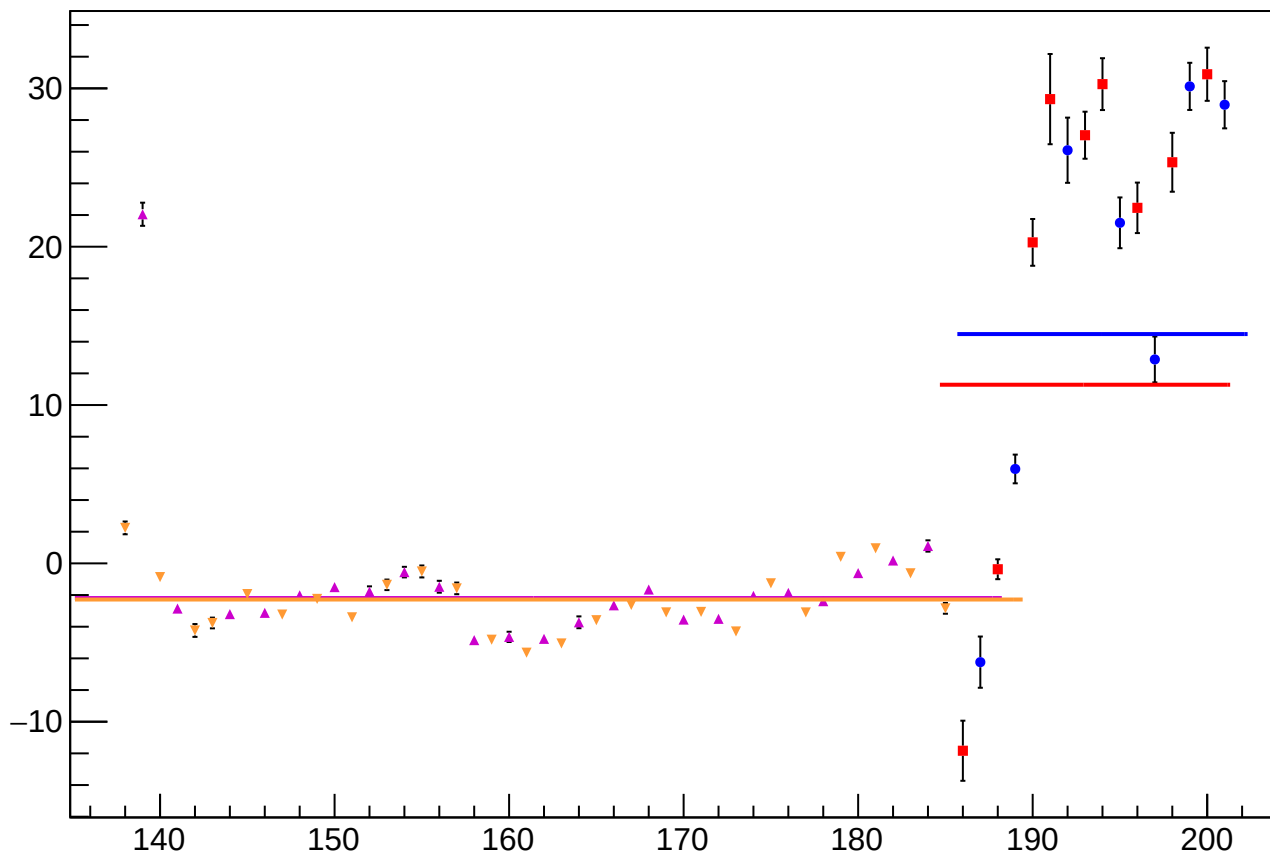
Left In: -0.312 ± 0.067 χ^2/NDF : 2252.6/22

+ sign 0.159 ± 0.065 χ^2/NDF : 3511.0/31

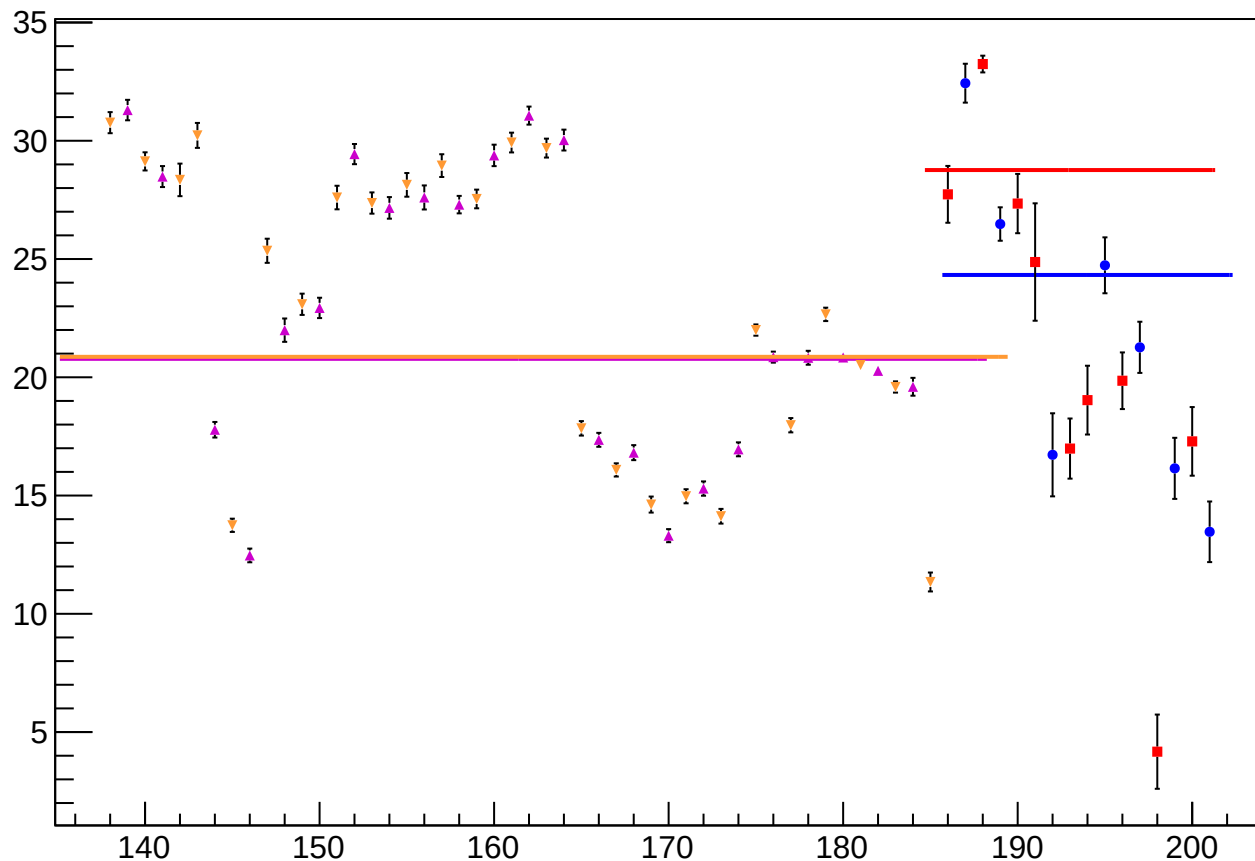
All: 0.007 ± 0.046 χ^2/NDF : 6976.3/63

- sign -0.146 ± 0.066 χ^2/NDF : 3454.5/31

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 24.326 $\pm$ 0.390 χ^2 /NDF: 245.3/6

Left Out: 20.865 $\pm$ 0.067 χ^2 /NDF: 6608.4/24

Right Out: 28.762 $\pm$ 0.287 χ^2 /NDF: 658.7/8

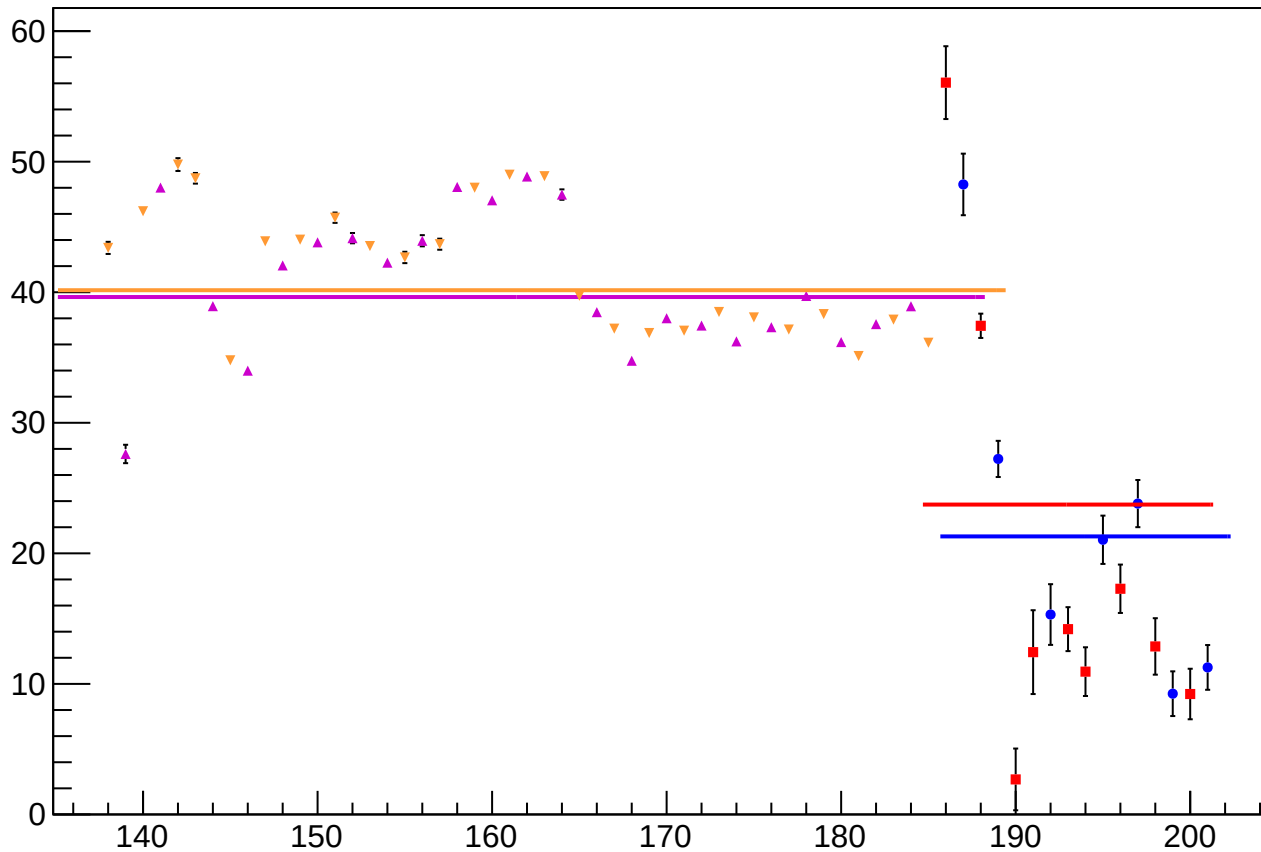
Left In: 20.780 $\pm$ 0.067 χ^2 /NDF: 5988.0/22

+ sign 20.964 $\pm$ 0.066 χ^2 /NDF: 6930.3/31

All: 21.080 $\pm$ 0.046 χ^2 /NDF: 14316.6/63

- sign 21.195 $\pm$ 0.065 χ^2 /NDF: 7380.1/31

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 21.297 $\pm$ 0.679 χ^2 /NDF: 241.4/6

Left Out: 40.154 $\pm$ 0.060 χ^2 /NDF: 5861.6/24

Right Out: 23.736 $\pm$ 0.580 χ^2 /NDF: 615.5/8

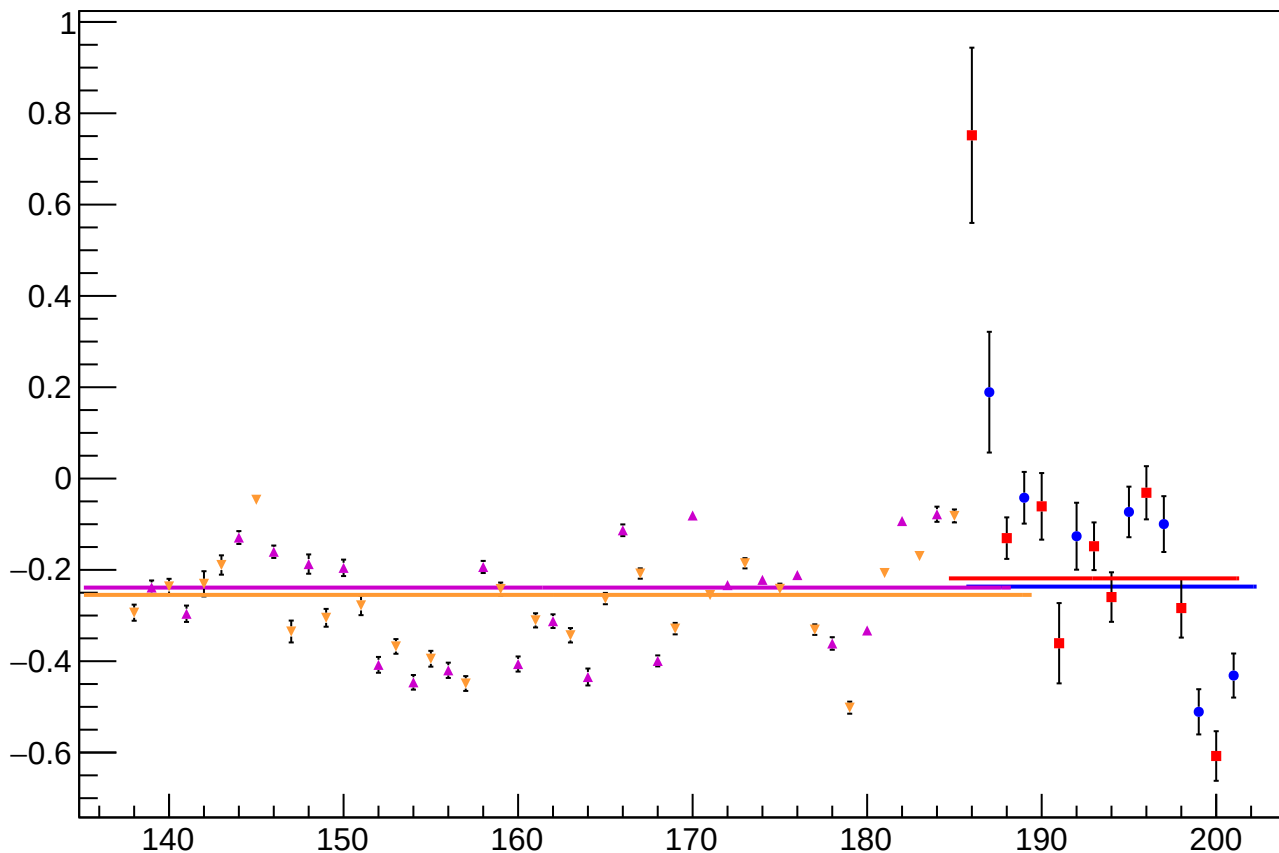
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ sign 40.006 $\pm$ 0.060 χ^2 /NDF: 6867.2/31

All: 39.734 $\pm$ 0.043 χ^2 /NDF: 13610.1/63

- sign 39.457 $\pm$ 0.061 χ^2 /NDF: 6701.9/31

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.237 ± 0.022 χ^2/NDF : 85.2/6

Left Out: -0.255 ± 0.003 χ^2/NDF : 1417.7/24

Right Out: -0.219 ± 0.020 χ^2/NDF : 101.7/8

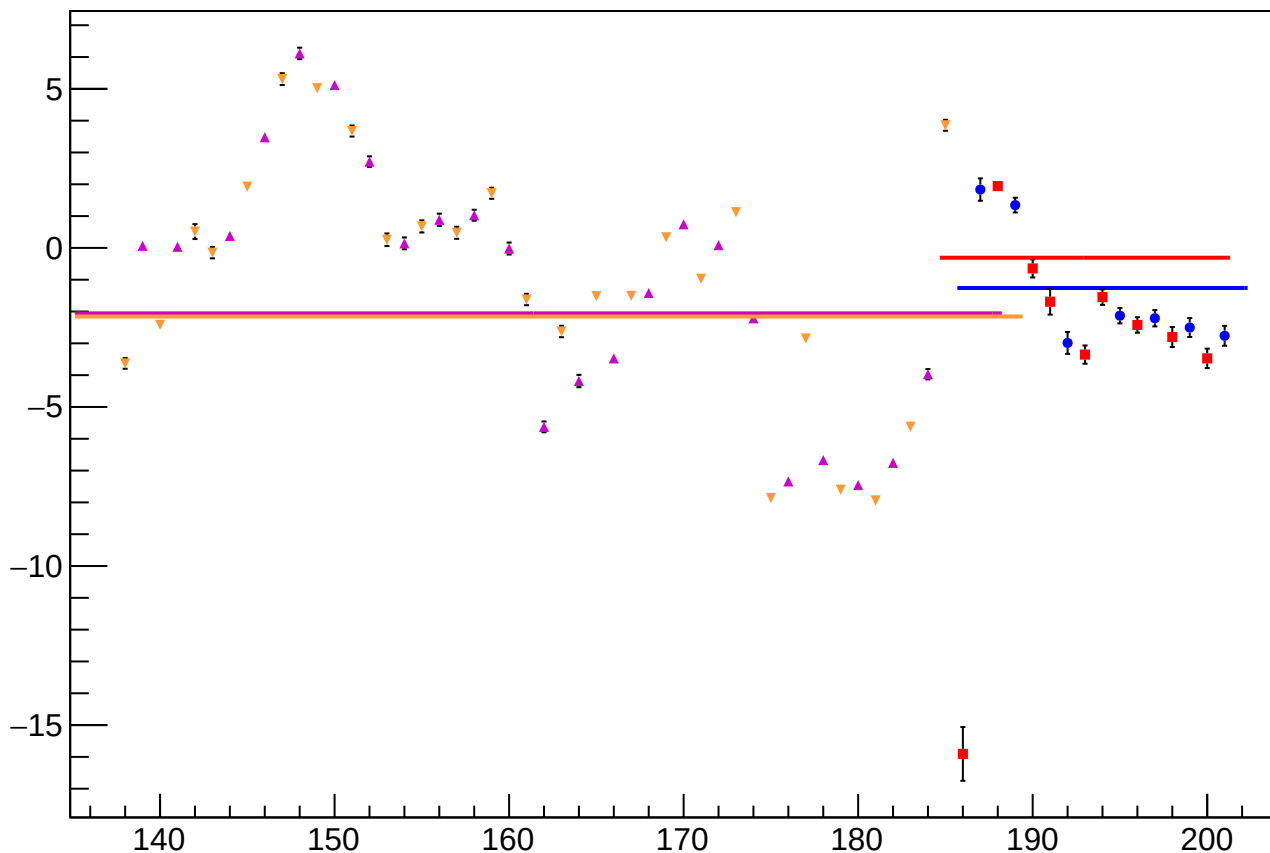
Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

+ sign -0.255 ± 0.003 χ^2/NDF : 1503.5/31

All: -0.247 ± 0.002 χ^2/NDF : 3373.4/63

- sign -0.238 ± 0.003 χ^2/NDF : 1852.7/31

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: -1.259 ± 0.106 χ^2/NDF : 295.9/6

Left Out: -2.156 ± 0.026 χ^2/NDF : 24501.3/24

Right Out: -0.308 ± 0.077 χ^2/NDF : 1159.2/8

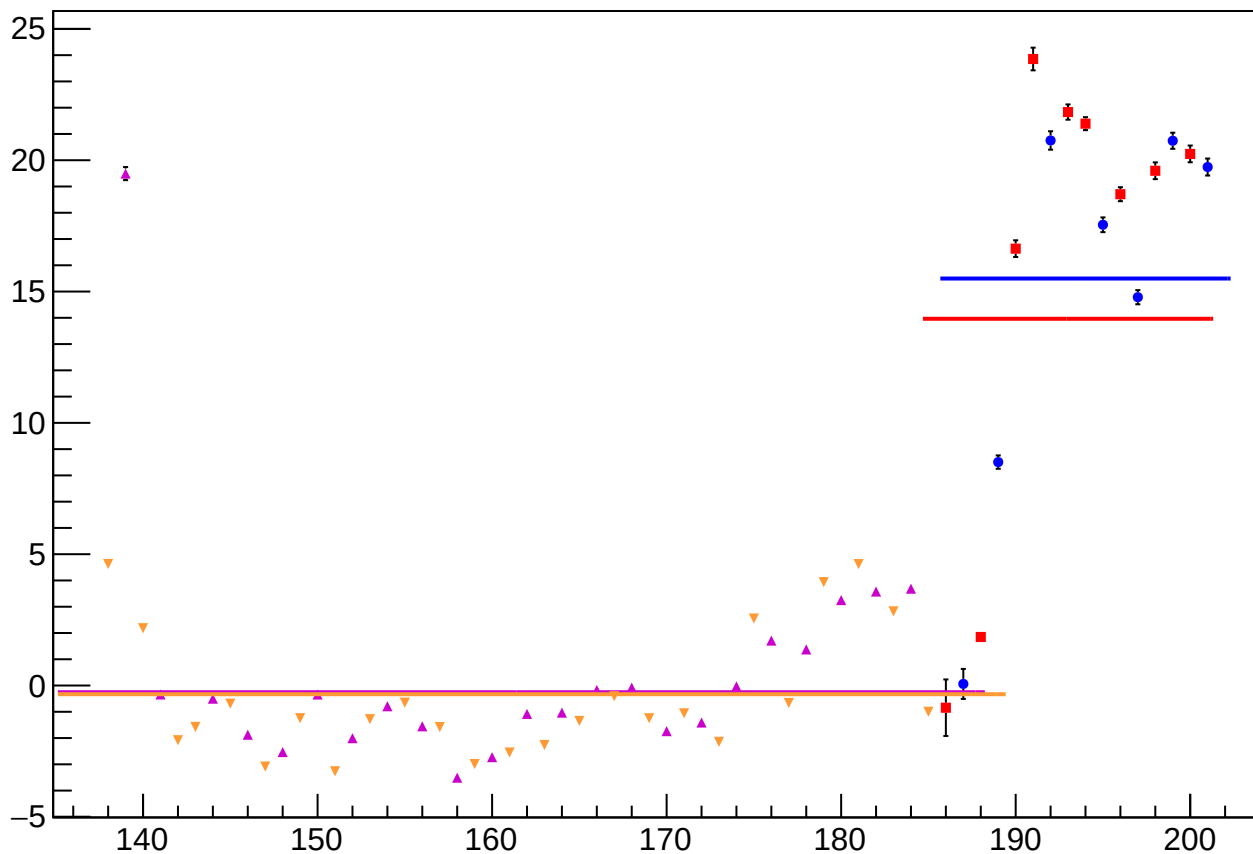
Left In: -2.058 ± 0.026 χ^2/NDF : 23343.8/22

+ sign -2.106 ± 0.025 χ^2/NDF : 24864.7/31

All: -1.991 ± 0.017 χ^2/NDF : 49876.5/63

- sign -1.879 ± 0.025 χ^2/NDF : 24969.4/31

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 15.495 $\pm$ 0.117 χ^2 /NDF: 2234.6/6

Left Out: -0.331 $\pm$ 0.021 χ^2 /NDF:12552.3/24

Right Out: 13.964 $\pm$ 0.093 χ^2 /NDF: 9070.5/8

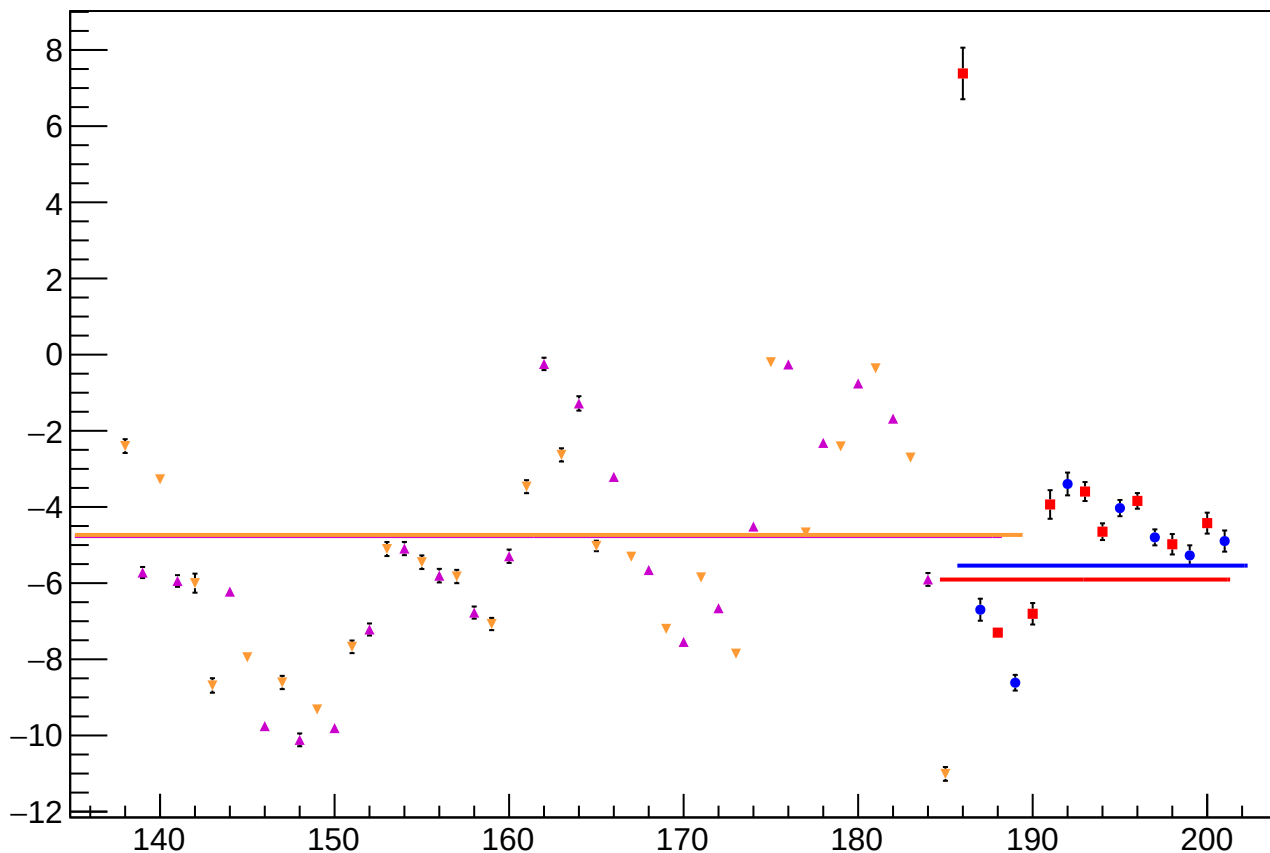
Left In: -0.255 $\pm$ 0.021 χ^2 /NDF:14162.0/22

+ sign 0.147 $\pm$ 0.020 χ^2 /NDF: 32573.3/31

All: 0.289 $\pm$ 0.014 χ^2 /NDF: 78304.9/63

- sign 0.432 $\pm$ 0.020 χ^2 /NDF: 45633.8/31

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -5.540 ± 0.092 χ^2/NDF : 358.5/6

Left Out: -4.734 ± 0.026 χ^2/NDF : 13188.7/24

Right Out: -5.906 ± 0.065 χ^2/NDF : 929.4/8

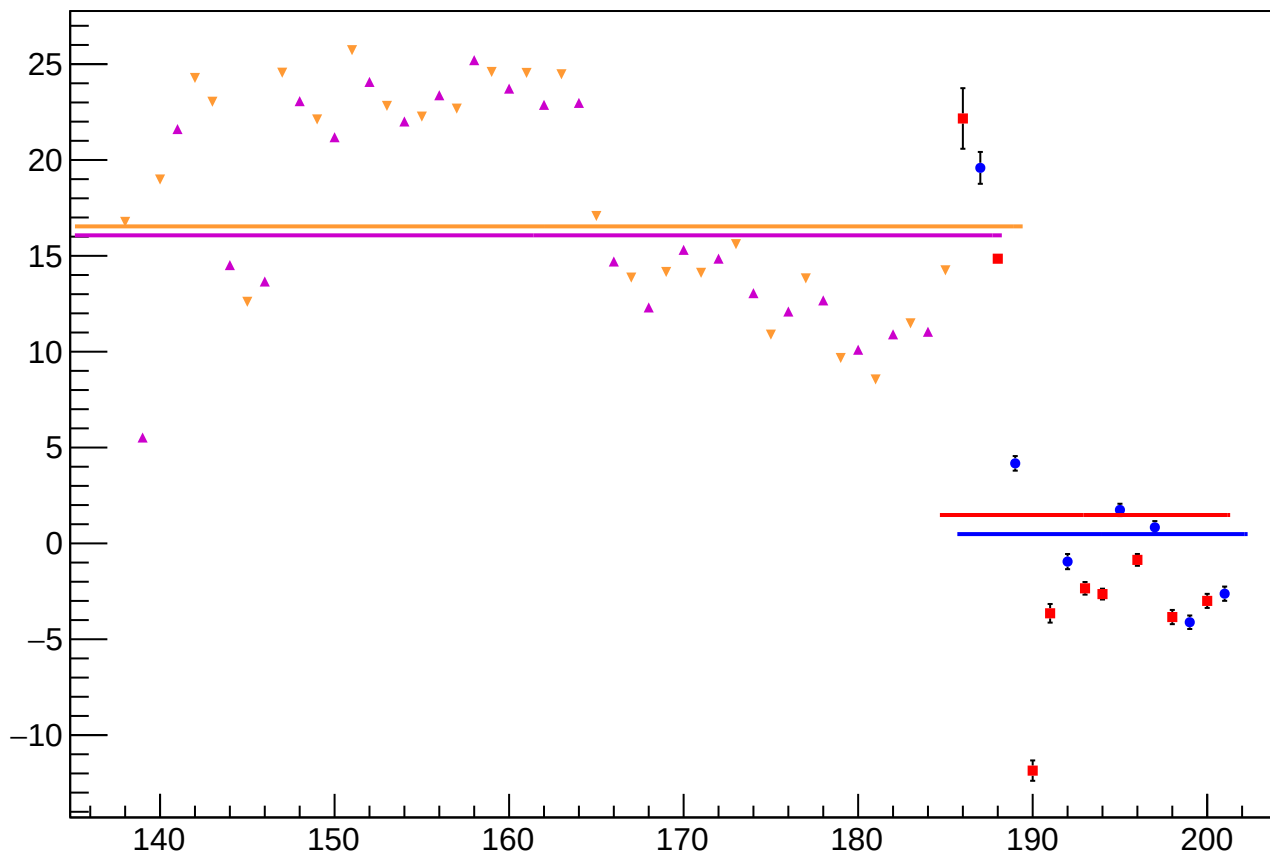
Left In: -4.764 ± 0.026 χ^2/NDF : 14163.2/22

+ sign -4.793 ± 0.025 χ^2/NDF : 13618.4/31

All: -4.859 ± 0.017 χ^2/NDF : 28989.9/63

- sign -4.921 ± 0.024 χ^2/NDF : 15357.8/31

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.485 ± 0.143 $\chi^2/\text{NDF}: 891.5/6$

Left Out: 16.536 ± 0.023 $\chi^2/\text{NDF}: 53546.9/24$

Right Out: 1.481 ± 0.117 $\chi^2/\text{NDF}: 4939.5/8$

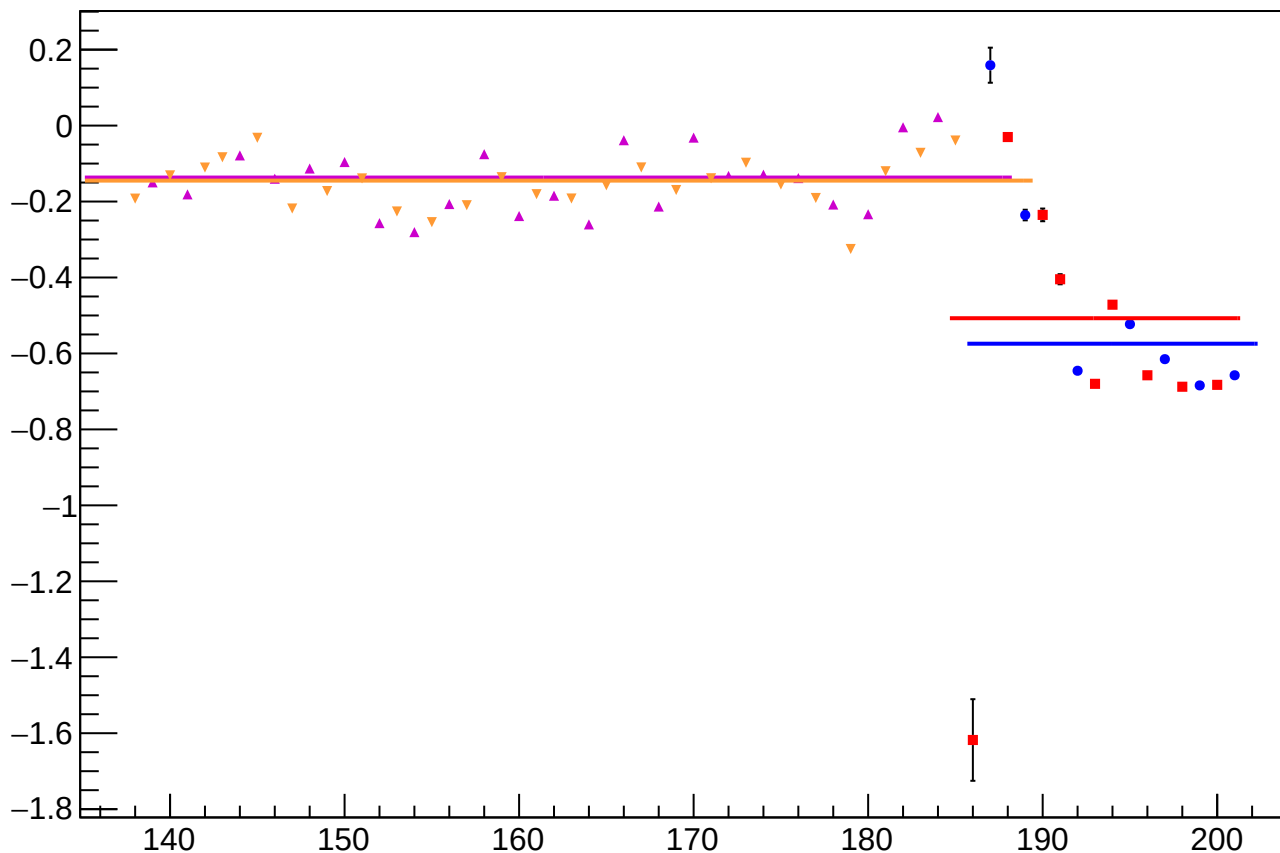
Left In: 16.069 ± 0.023 $\chi^2/\text{NDF}: 42736.3/22$

+ sign 16.123 ± 0.023 $\chi^2/\text{NDF}: 66763.4/31$

All: 15.814 ± 0.016 $\chi^2/\text{NDF}: 129826.3/63$

- sign 15.502 ± 0.023 $\chi^2/\text{NDF}: 62696.2/31$

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.574 ± 0.004 χ^2/NDF : 1095.3/6

Left Out: -0.145 ± 0.001 χ^2/NDF : 3755.1/24

Right Out: -0.507 ± 0.004 χ^2/NDF : 3629.3/8

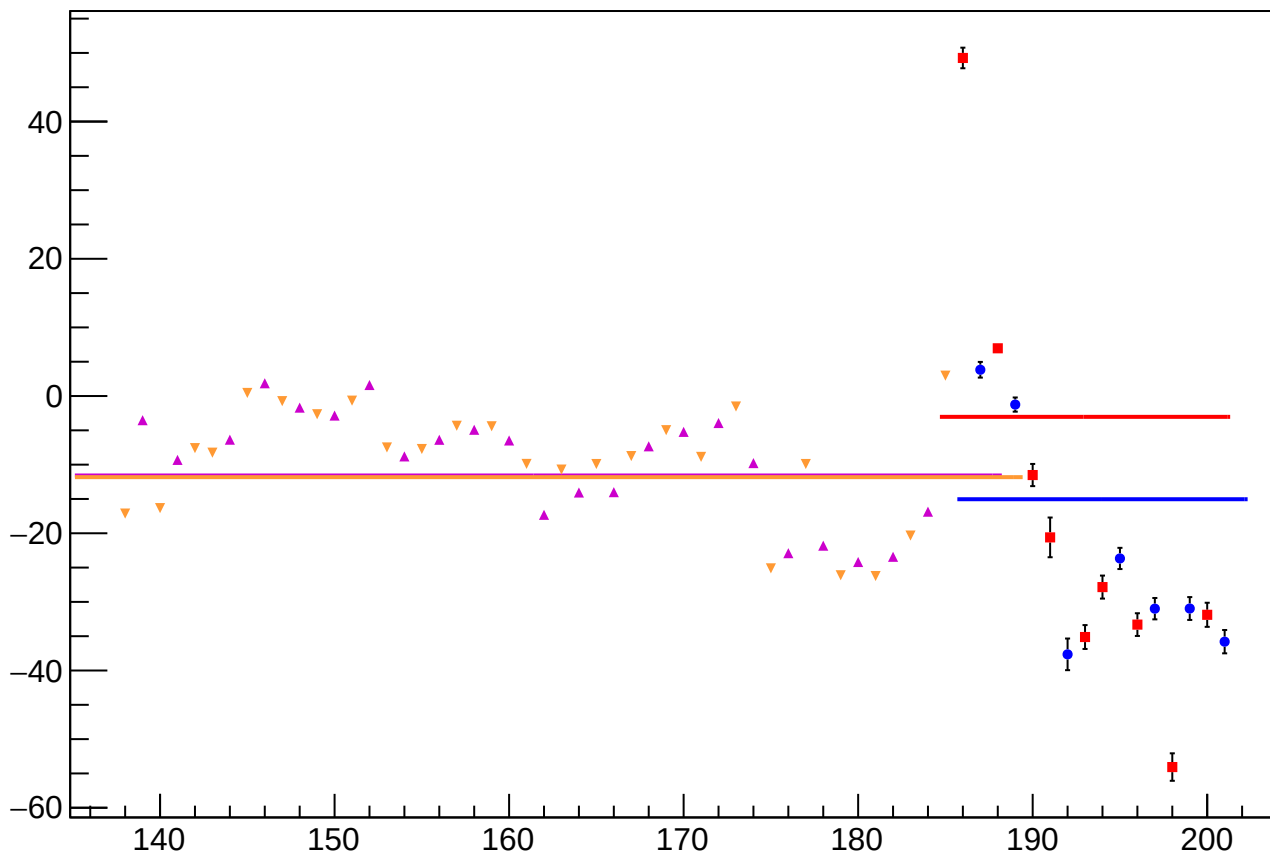
Left In: -0.137 ± 0.001 χ^2/NDF : 5383.4/22

+ sign -0.168 ± 0.001 χ^2/NDF : 13741.1/31

All: -0.166 ± 0.001 χ^2/NDF : 31800.4/63

- sign -0.164 ± 0.001 χ^2/NDF : 18053.7/31

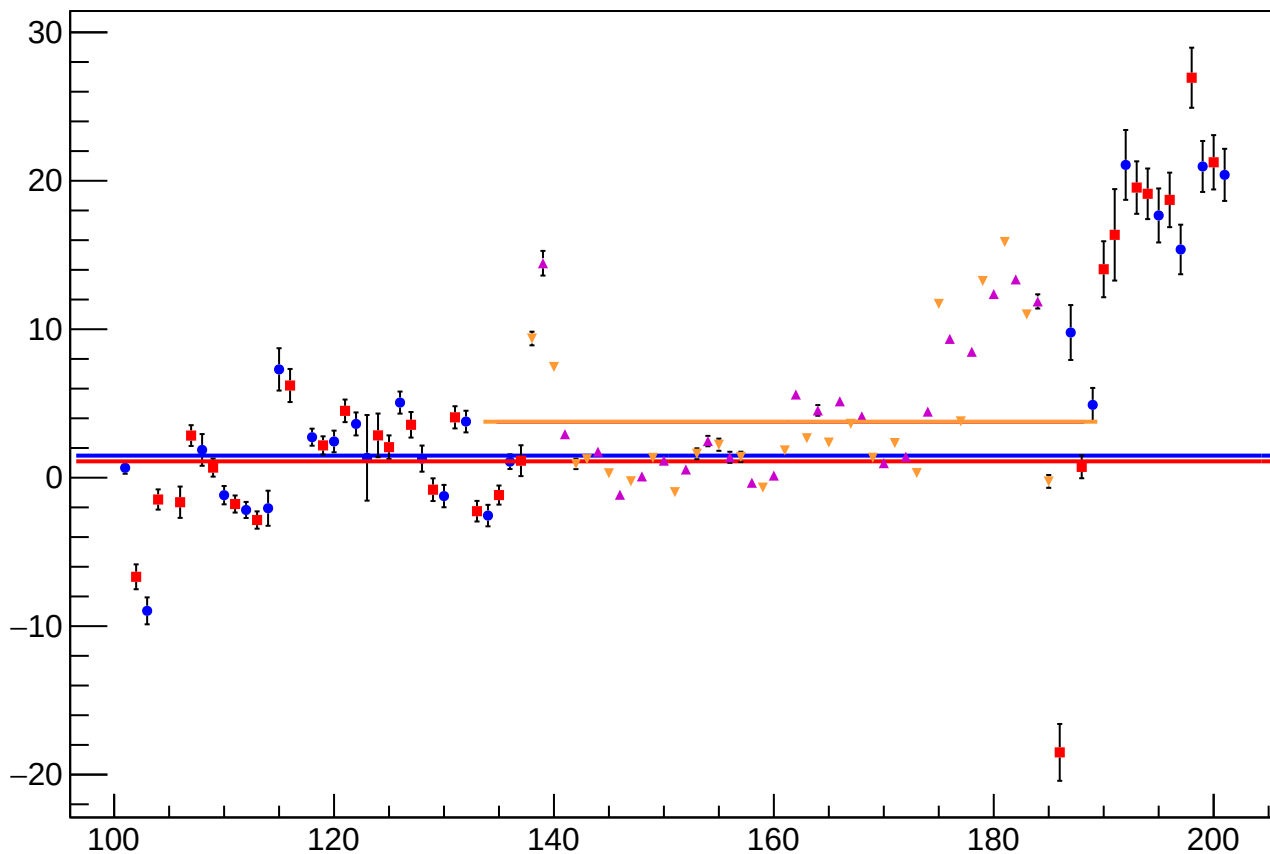
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -15.040 ± 0.540 χ^2/NDF : 923.9/6
 Left Out: -11.823 ± 0.070 χ^2/NDF : 17277.3/24
 Right Out: -3.034 ± 0.407 χ^2/NDF : 3440.4/8
 Left In: -11.580 ± 0.071 χ^2/NDF : 14243.6/22

+ sign -11.876 ± 0.070 χ^2/NDF : 18236.0/31
 All: -11.603 ± 0.049 χ^2/NDF : 36379.0/63
 - sign -11.326 ± 0.070 χ^2/NDF : 18112.1/31

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 1.487 ± 0.163 χ^2/NDF : 810.5/23

Left Out: 3.770 ± 0.056 χ^2/NDF : 7420.4/24

Right Out: 1.102 ± 0.165 χ^2/NDF : 1071.2/26

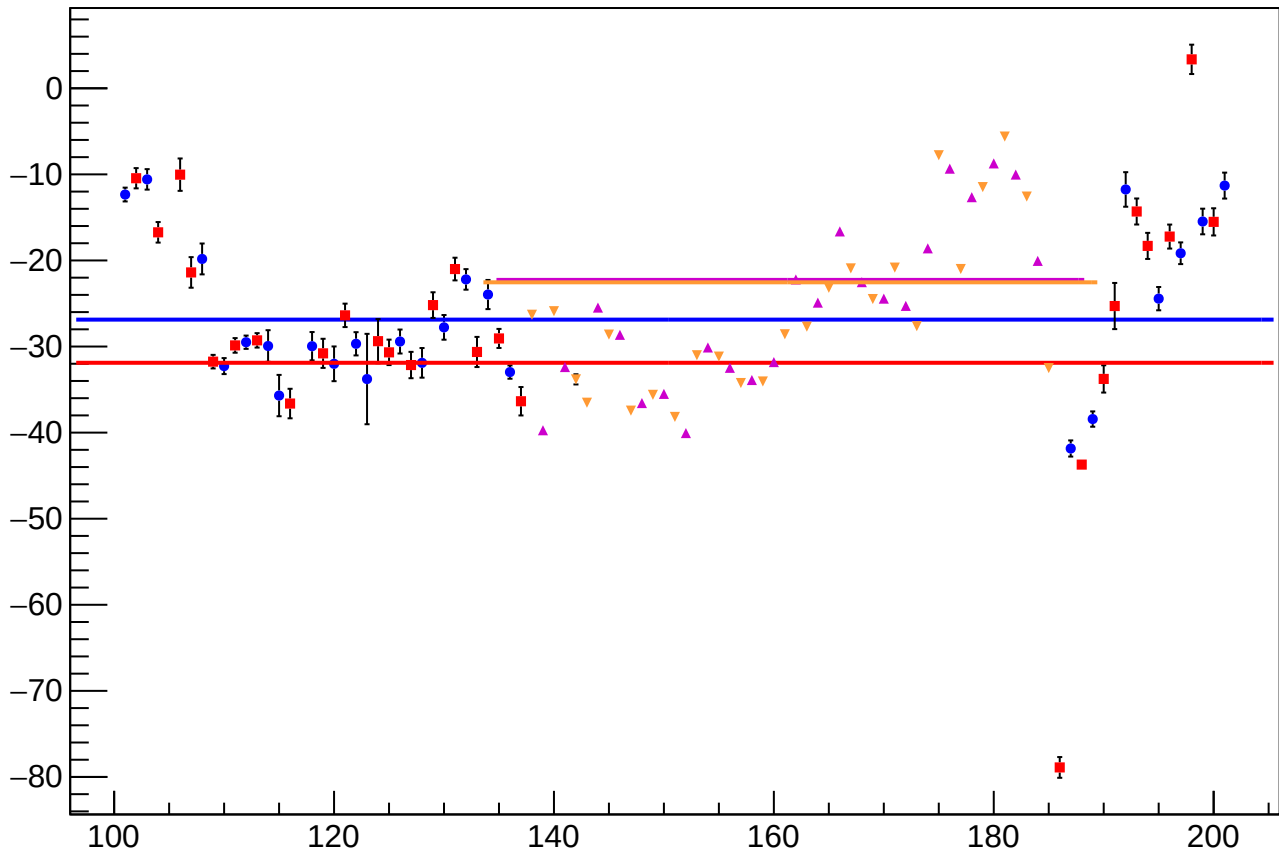
Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

+ sign 3.532 ± 0.053 χ^2/NDF : 8406.4/48

All: 3.506 ± 0.037 χ^2/NDF : 15364.1/98

- sign 3.478 ± 0.053 χ^2/NDF : 6957.2/49

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.873 $\pm$ 0.251 χ^2/NDF : 1386.1/23

Left Out: -22.540 $\pm$ 0.071 χ^2/NDF : 19751.6/24

Right Out: -31.888 $\pm$ 0.224 χ^2/NDF : 3941.9/26

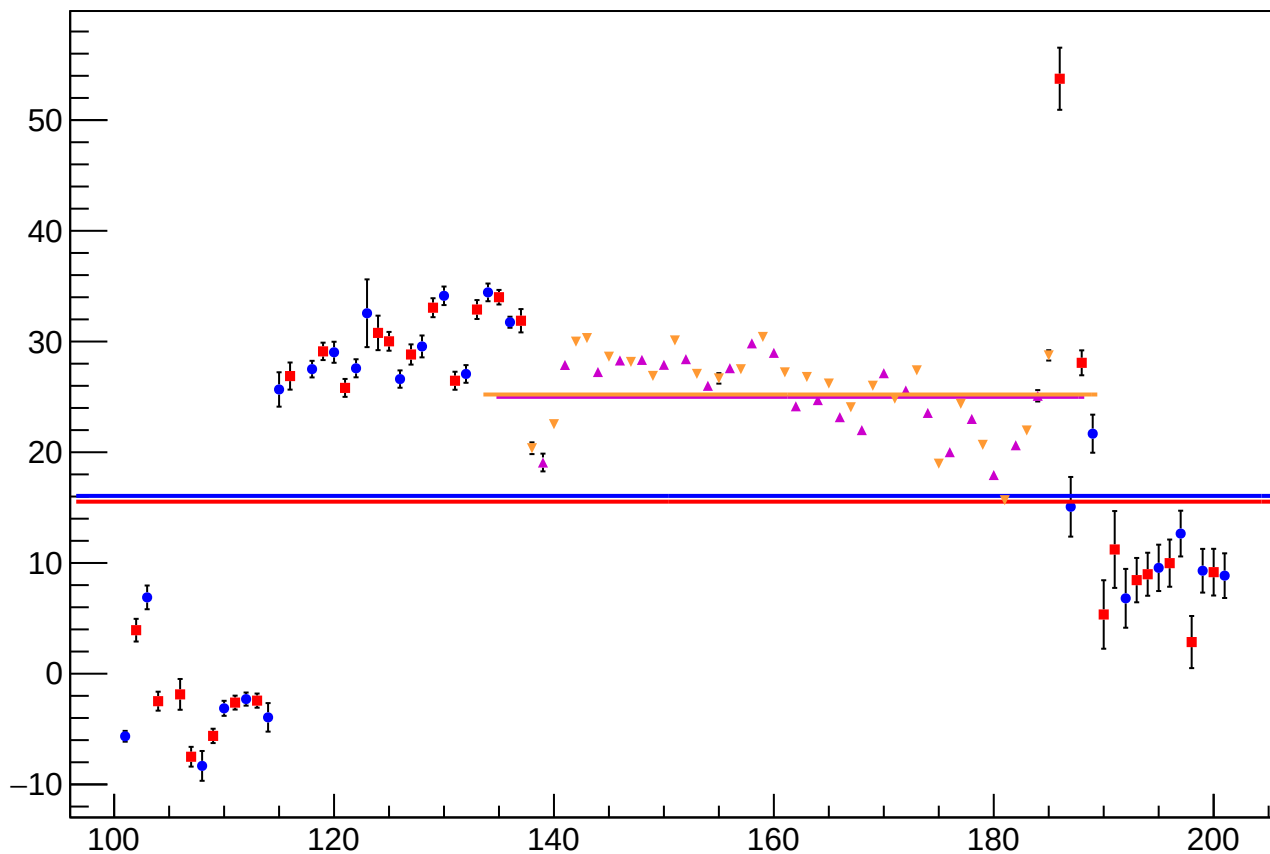
Left In: -22.258 $\pm$ 0.071 χ^2/NDF : 17838.4/22

+ sign -22.859 $\pm$ 0.068 χ^2/NDF : 21413.5/48

All: -23.002 $\pm$ 0.048 χ^2/NDF : 44880.3/98

- sign -23.144 $\pm$ 0.068 χ^2/NDF : 23458.0/49

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.059 $\pm$ 0.186 χ^2 /NDF: 7672.1/23

Left Out: 25.216 $\pm$ 0.063 χ^2 /NDF:3738.3/24

Right Out: 15.537 $\pm$ 0.189 χ^2 /NDF: 7659.5/26

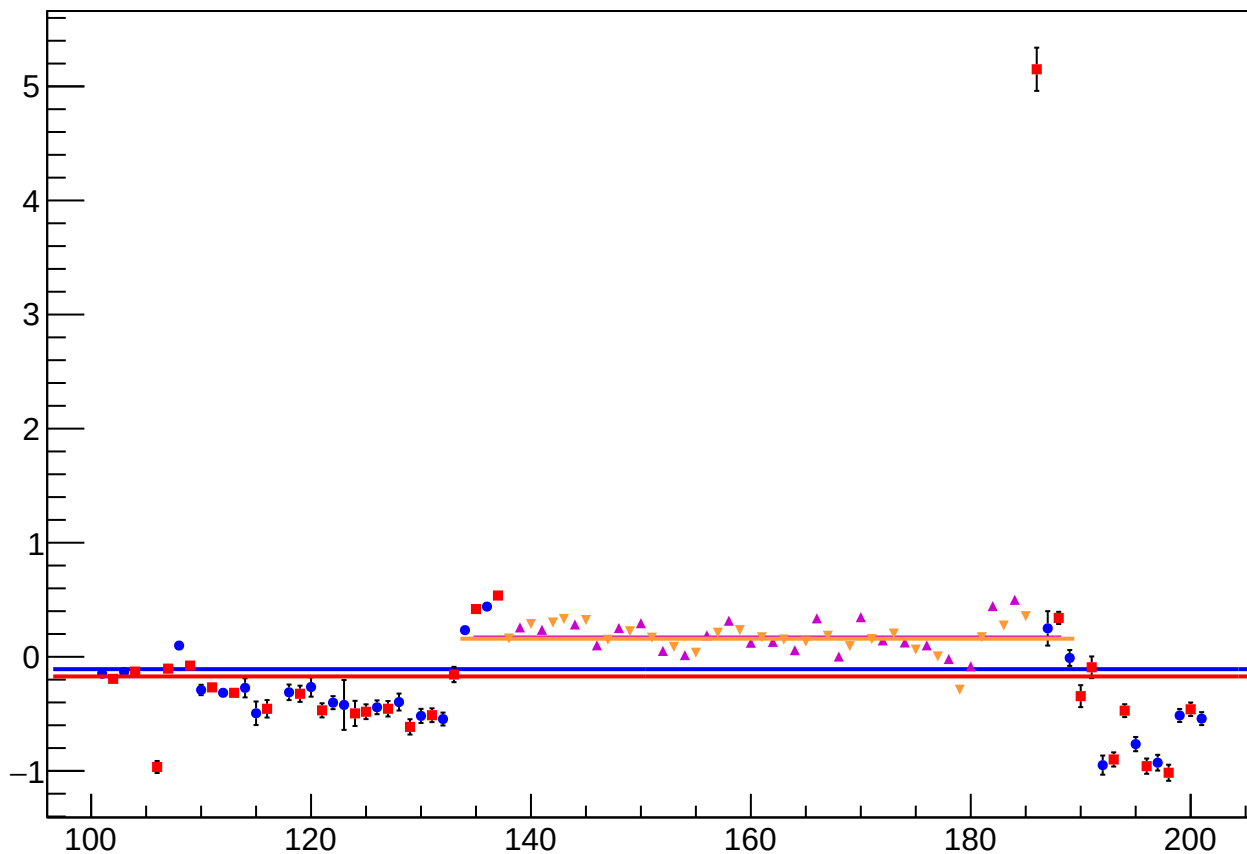
Left In: 25.005 $\pm$ 0.064 χ^2 /NDF:2733.7/22

+ sign 24.278 $\pm$ 0.059 χ^2 /NDF: 13592.2/48

All: 24.162 $\pm$ 0.042 χ^2 /NDF: 26245.4/98

- sign 24.042 $\pm$ 0.060 χ^2 /NDF: 12645.4/49

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.108 ± 0.010 χ^2/NDF : 1532.8/23

Left Out: 0.159 ± 0.003 χ^2/NDF : 1856.8/24

Right Out: -0.172 ± 0.009 χ^2/NDF : 2535.0/26

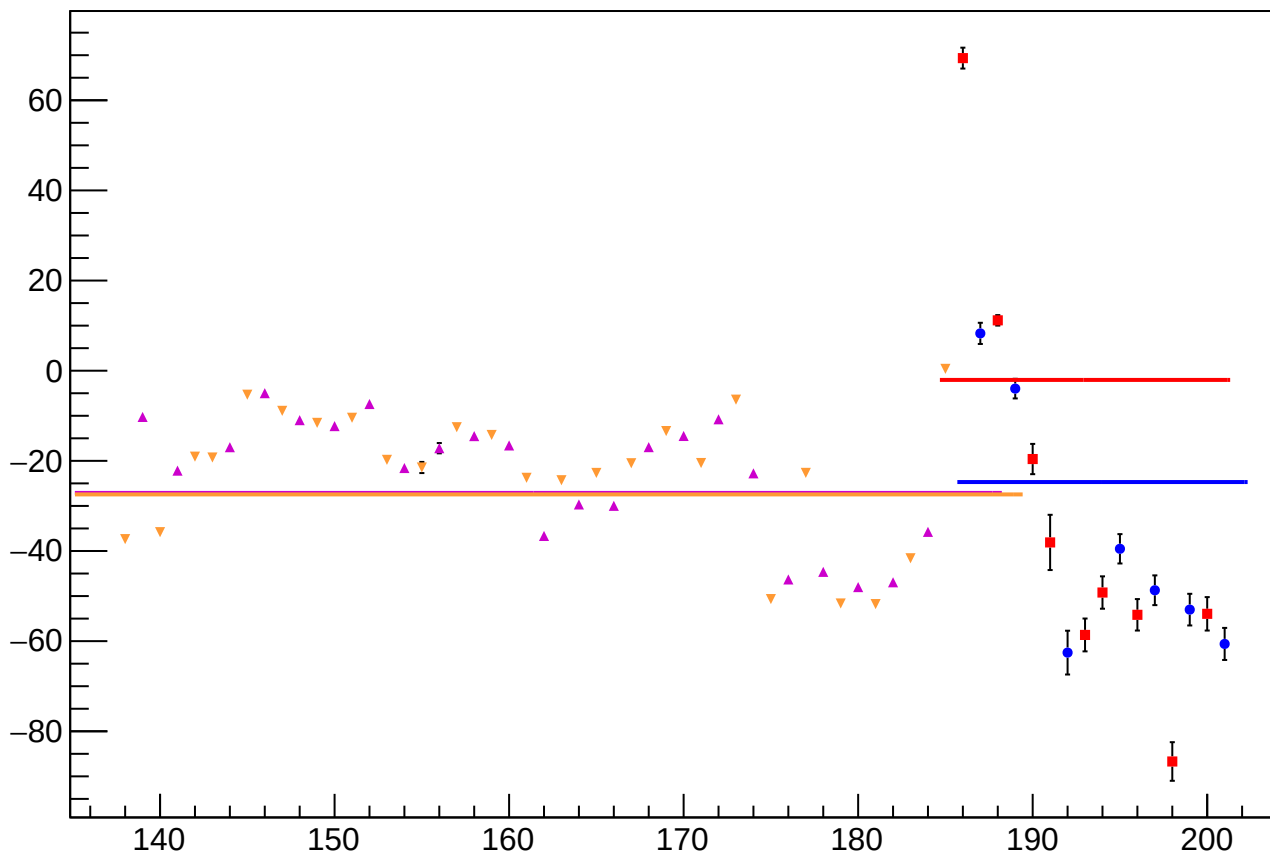
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ sign 0.137 ± 0.003 χ^2/NDF : 4102.8/48

All: 0.138 ± 0.002 χ^2/NDF : 10255.1/98

- sign 0.140 ± 0.003 χ^2/NDF : 6151.8/49

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -24.702 ± 1.132 $\chi^2/\text{NDF}: 588.7/6$

Left Out: -27.447 ± 0.137 $\chi^2/\text{NDF}: 14820.6/24$

Right Out: -2.044 ± 0.843 $\chi^2/\text{NDF}: 2363.7/8$

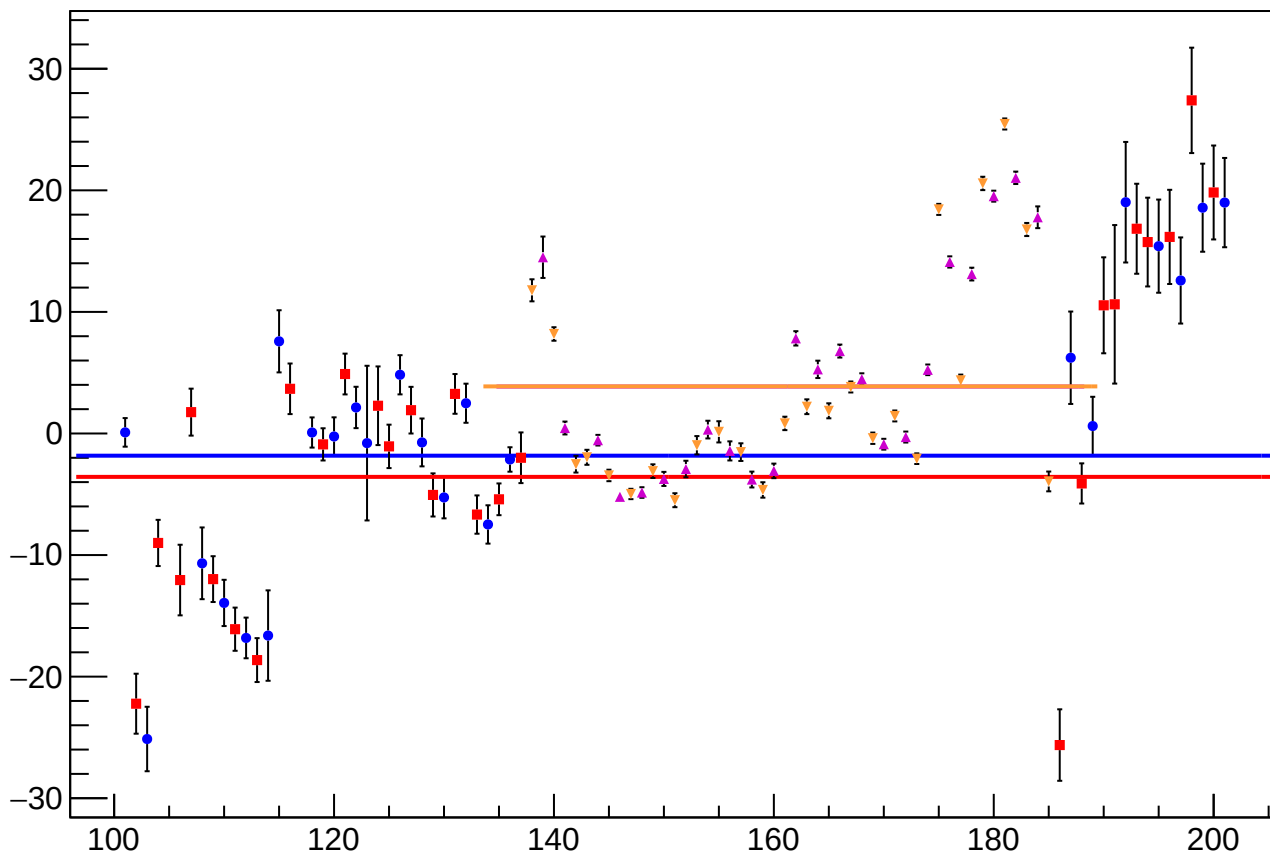
Left In: -27.114 ± 0.139 $\chi^2/\text{NDF}: 11443.8/22$

+ sign -27.407 ± 0.136 $\chi^2/\text{NDF}: 15415.2/31$

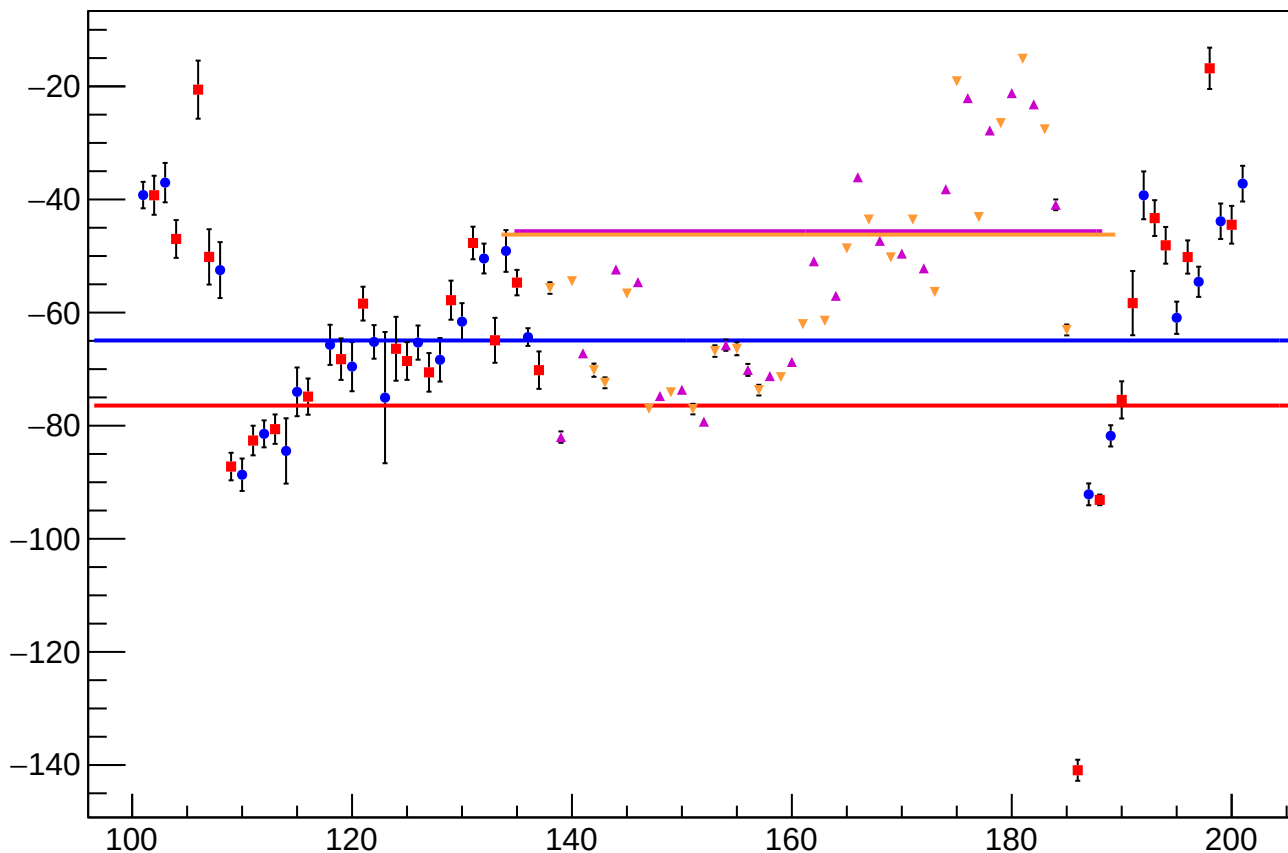
All: -26.934 ± 0.096 $\chi^2/\text{NDF}: 30107.2/63$

- sign -26.454 ± 0.137 $\chi^2/\text{NDF}: 14667.7/31$

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -64.931+/-0.586 χ^2/NDF : 831.4/23

Left Out: -46.213+/-0.138 χ^2/NDF :19981.0/24

Right Out: -76.440+/-0.514 χ^2/NDF : 2805.5/26

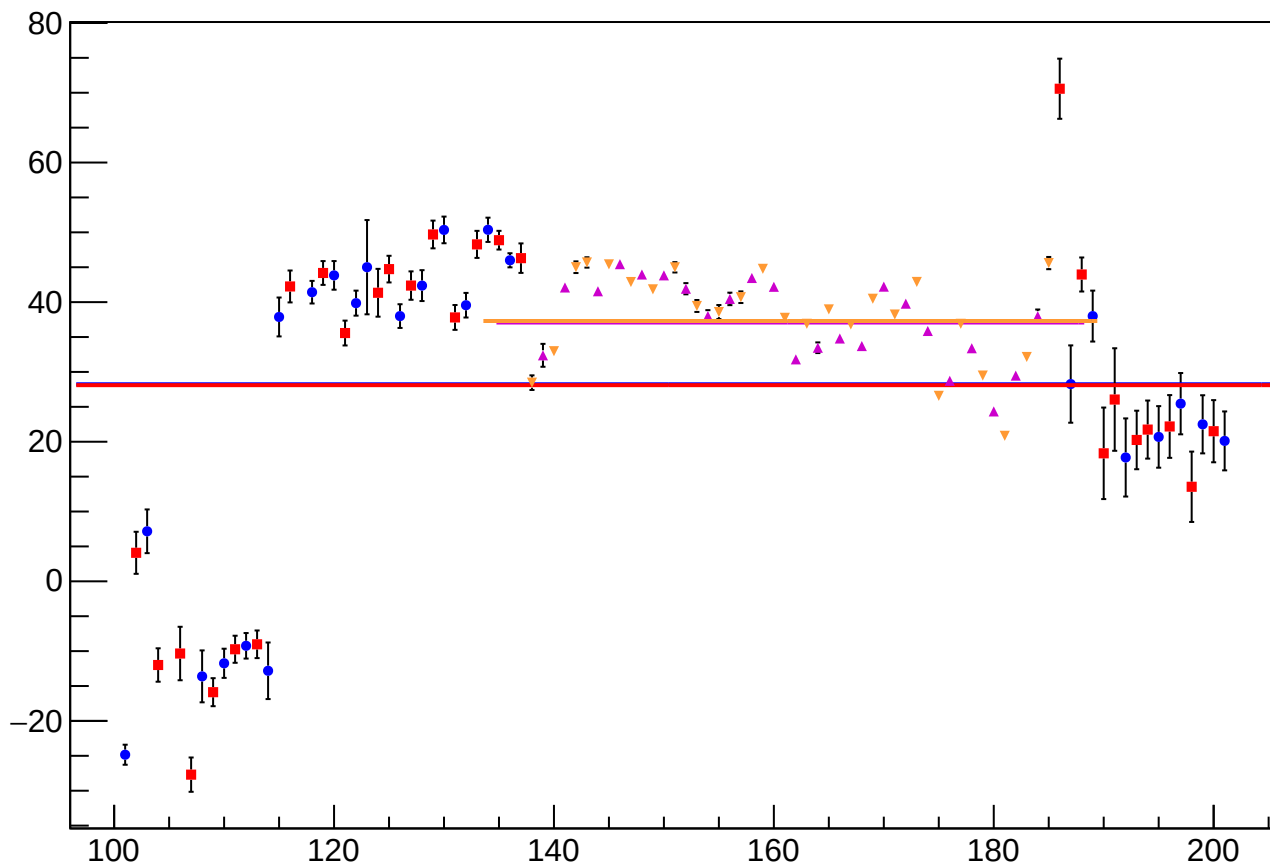
Left In: -45.616+/-0.139 χ^2/NDF :17743.8/22

+ sign -47.197+/-0.134 χ^2/NDF : 21777.9/48

All: -47.461+/-0.095 χ^2/NDF : 45689.0/98

- sign -47.723+/-0.134 χ^2/NDF : 23903.4/49

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.233 $\pm$ 0.441 χ^2 /NDF: 3350.1/23

Left Out: 37.298 $\pm$ 0.123 χ^2 /NDF:3113.0/24

Right Out: 28.104 $\pm$ 0.453 χ^2 /NDF: 3188.9/26

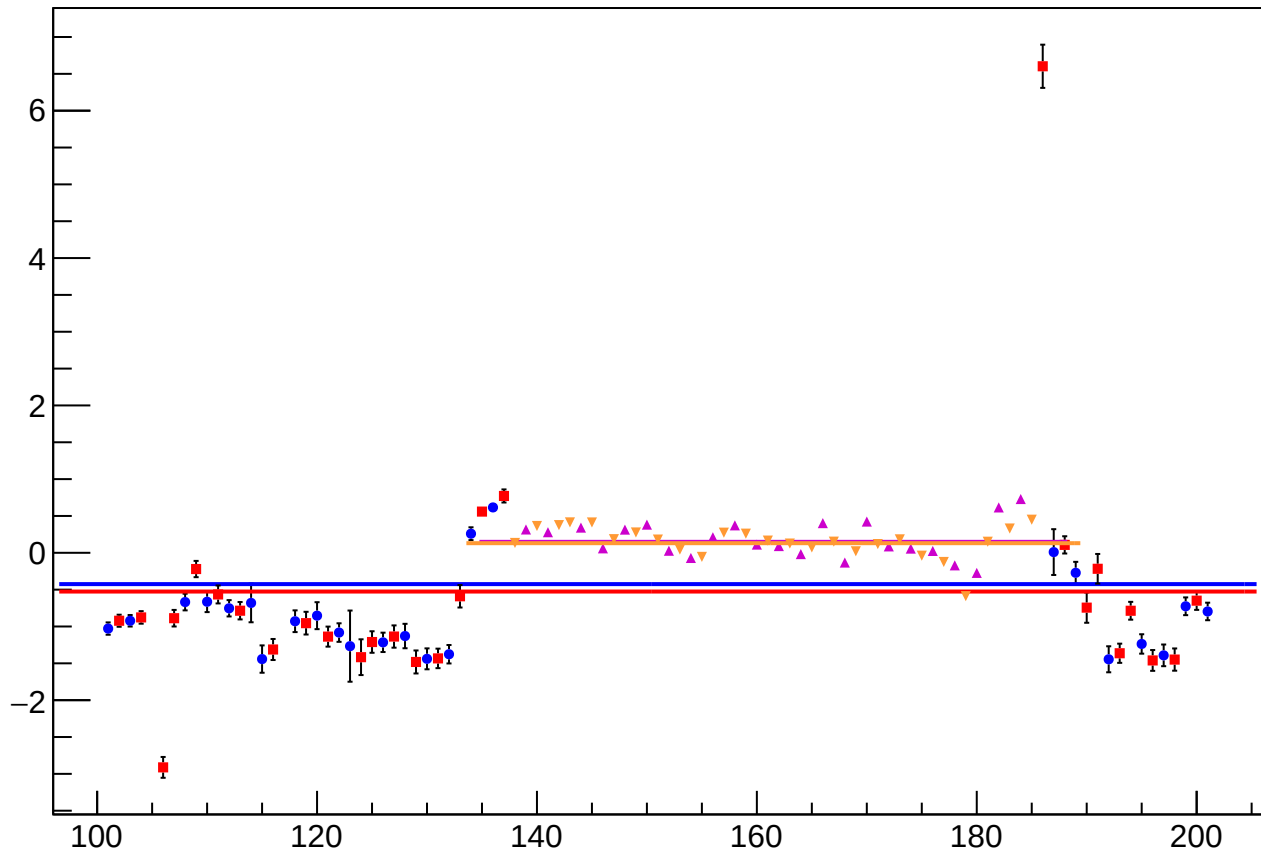
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

+ sign 36.643 $\pm$ 0.119 χ^2 /NDF: 6855.1/48

All: 36.546 $\pm$ 0.084 χ^2 /NDF: 12815.8/98

- sign 36.447 $\pm$ 0.120 χ^2 /NDF: 5959.3/49

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.425 ± 0.023 χ^2/NDF : 1162.4/23

Left Out: 0.130 ± 0.006 χ^2/NDF : 1419.7/24

Right Out: -0.526 ± 0.023 χ^2/NDF : 1916.3/26

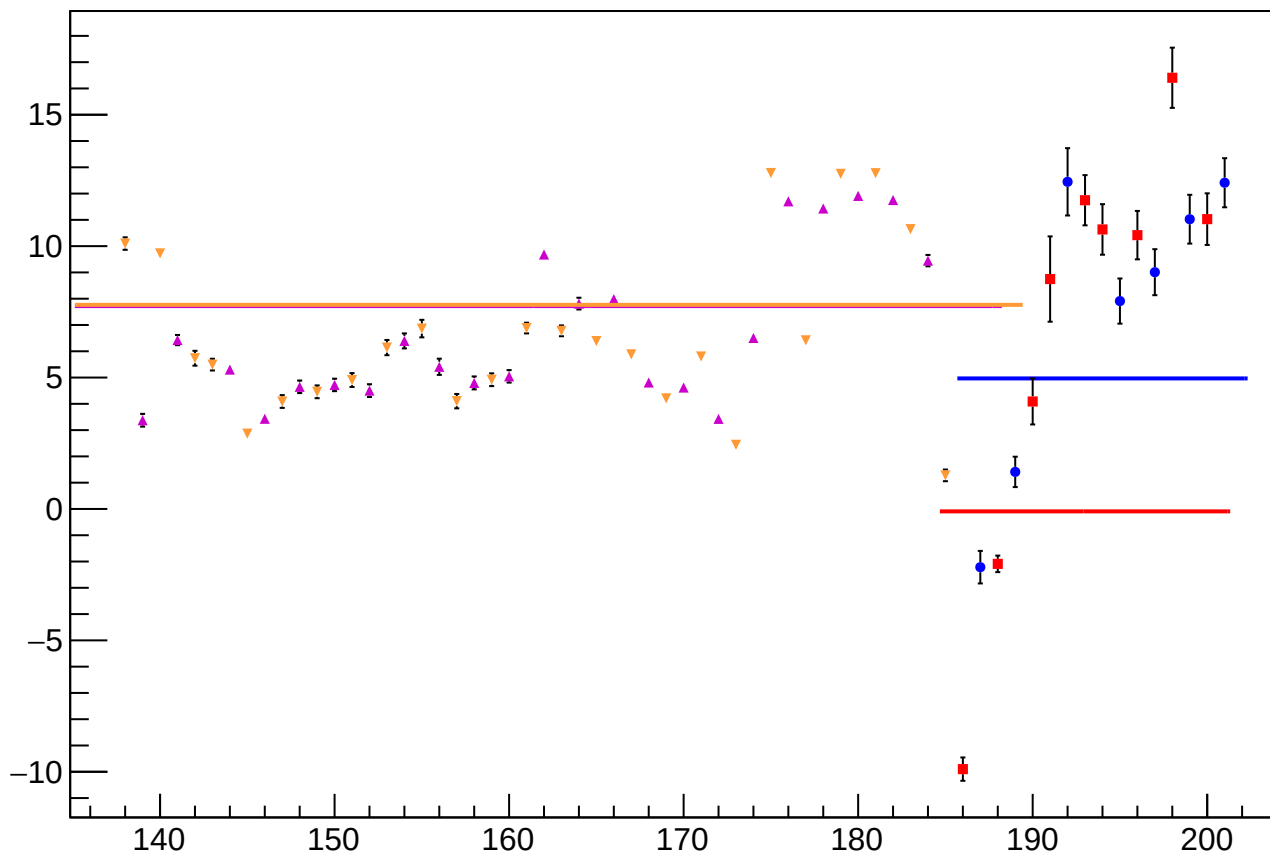
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.098 ± 0.005 χ^2/NDF : 3146.9/48

All: 0.103 ± 0.004 χ^2/NDF : 7702.8/98

- sign 0.109 ± 0.006 χ^2/NDF : 4553.9/49

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 4.967 ± 0.299 $\chi^2/\text{NDF}: 345.8/6$

Left Out: 7.766 ± 0.034 $\chi^2/\text{NDF}: 11703.8/24$

Right Out: -0.092 ± 0.213 $\chi^2/\text{NDF}: 1324.0/8$

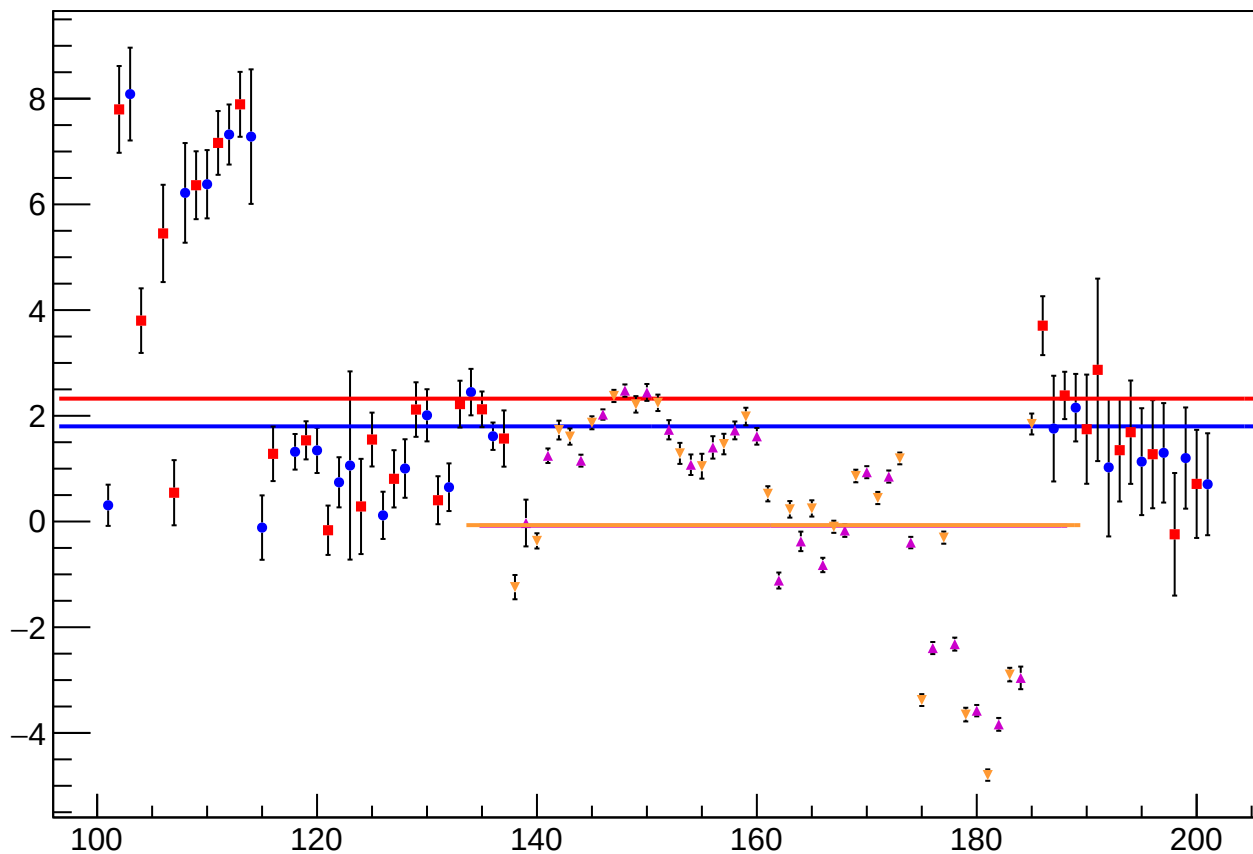
Left In: 7.719 ± 0.035 $\chi^2/\text{NDF}: 8490.5/22$

+ sign 7.729 ± 0.034 $\chi^2/\text{NDF}: 12136.1/31$

All: 7.623 ± 0.024 $\chi^2/\text{NDF}: 23277.9/63$

- sign 7.515 ± 0.034 $\chi^2/\text{NDF}: 11122.4/31$

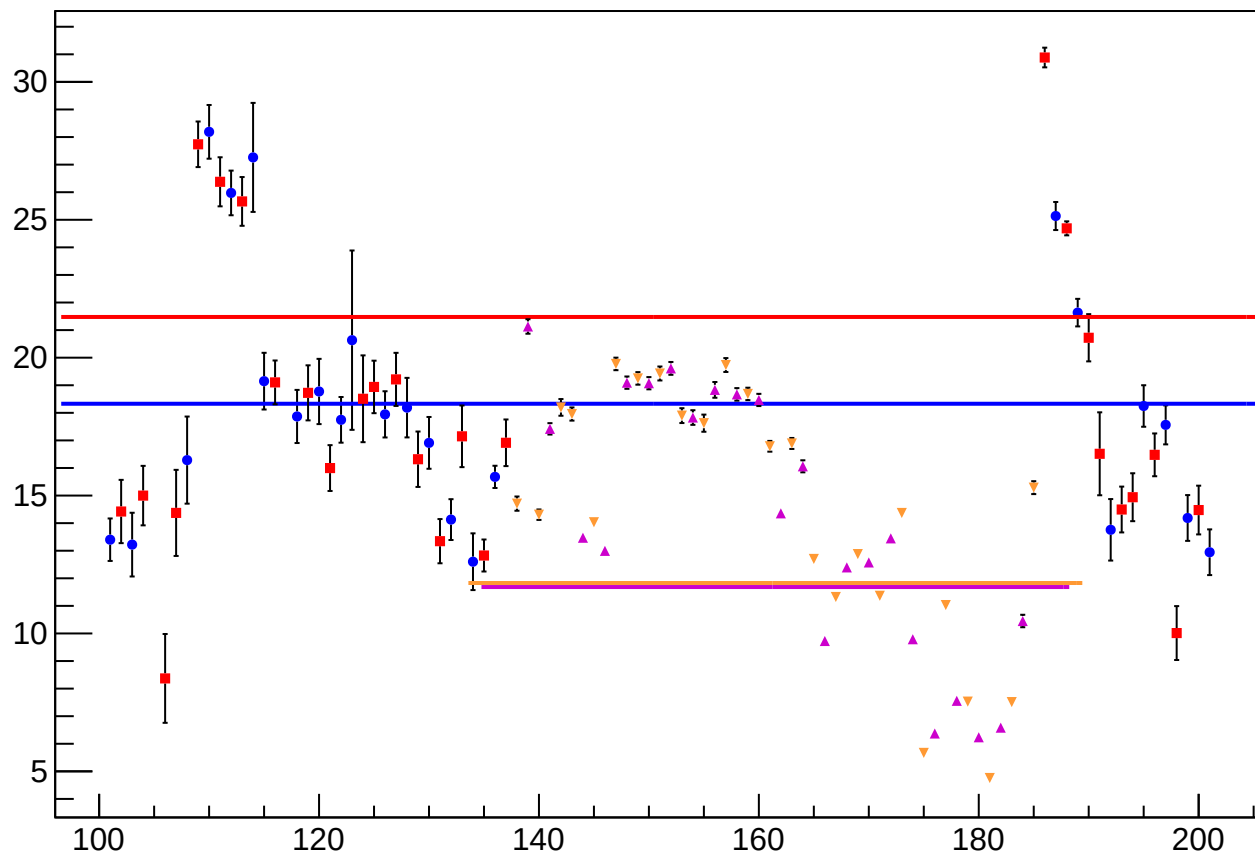
reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.800 ± 0.110 χ^2/NDF : 298.0/23
 Left Out: -0.069 ± 0.028 χ^2/NDF : 6033.5/24
 Right Out: 2.325 ± 0.111 χ^2/NDF : 345.7/26
 Left In: -0.079 ± 0.028 χ^2/NDF : 4989.1/22

+ sign 0.044 ± 0.027 χ^2/NDF : 6602.5/48
 All: 0.054 ± 0.019 χ^2/NDF : 12375.5/98
 - sign 0.066 ± 0.027 χ^2/NDF : 5772.7/49

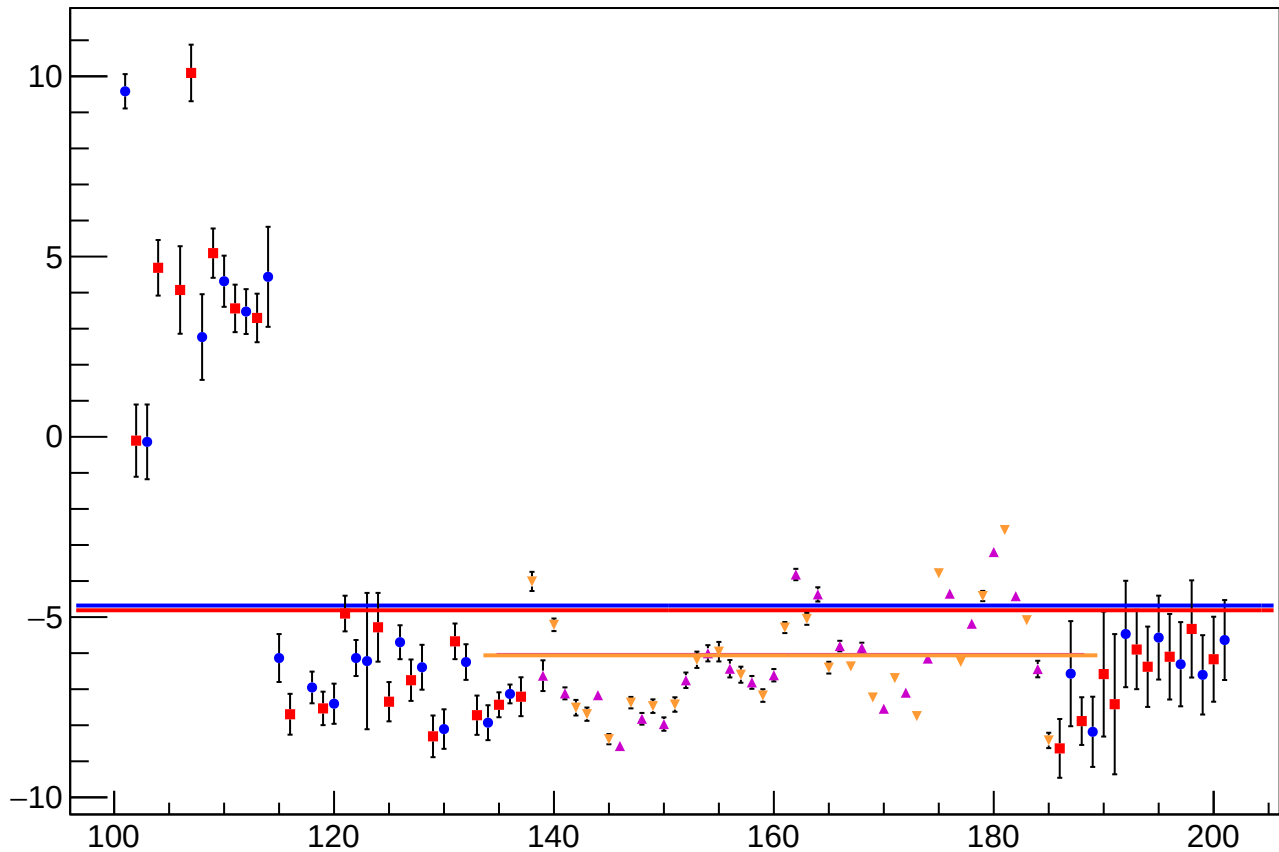
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.329 ± 0.163 χ^2/NDF : 693.2/23
 Left Out: 11.830 ± 0.035 χ^2/NDF : 19032.5/24
 Right Out: 21.476 ± 0.138 χ^2/NDF : 1978.7/26
 Left In: 11.683 ± 0.035 χ^2/NDF : 16927.3/22

+ sign 12.112 ± 0.034 χ^2/NDF : 21247.4/48
 All: 12.195 ± 0.024 χ^2/NDF : 44912.6/98
 - sign 12.279 ± 0.034 χ^2/NDF : 23653.1/49

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.680 ± 0.124 χ^2/NDF : 1612.8/23

Left Out: -6.061 ± 0.031 χ^2/NDF : 2649.3/24

Right Out: -4.811 ± 0.128 χ^2/NDF : 1396.0/26

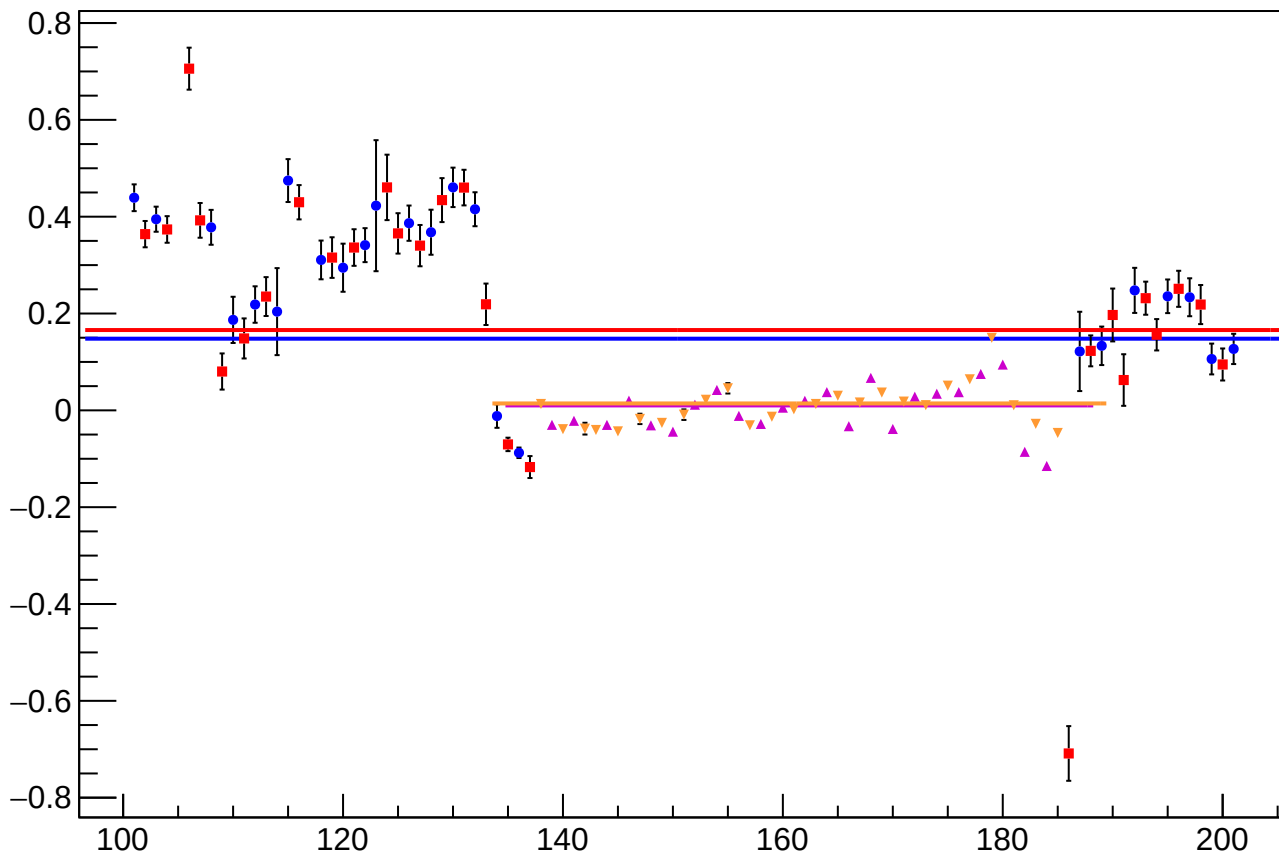
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.979 ± 0.030 χ^2/NDF : 4378.2/48

All: -5.979 ± 0.022 χ^2/NDF : 8166.1/98

- sign -5.978 ± 0.031 χ^2/NDF : 3787.8/49

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.148 $\pm$ 0.006 χ^2/NDF : 1079.0/23

Left Out: 0.014 $\pm$ 0.001 χ^2/NDF : 950.9/24

Right Out: 0.166 $\pm$ 0.006 χ^2/NDF : 1268.2/26

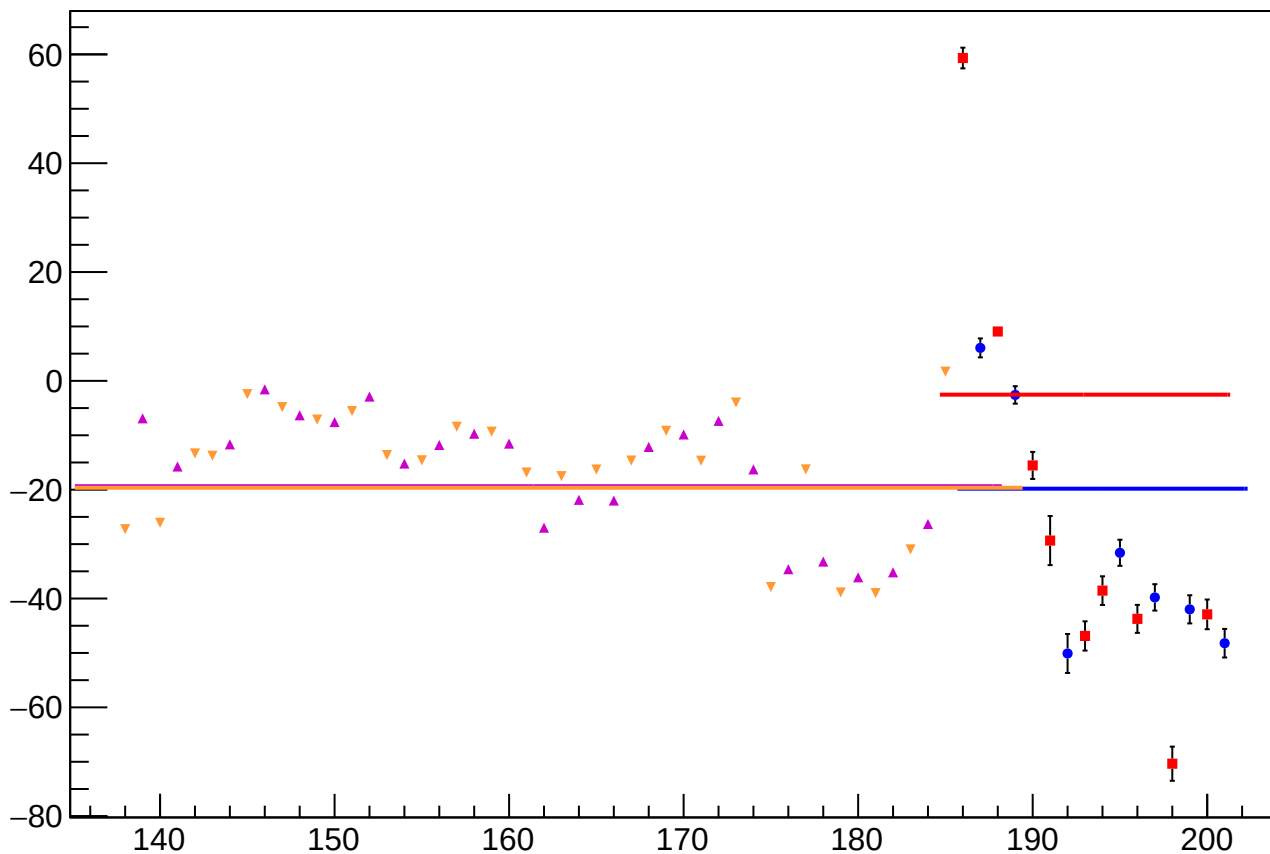
Left In: 0.010 $\pm$ 0.001 χ^2/NDF : 1224.5/22

+ sign 0.021 $\pm$ 0.001 χ^2/NDF : 2453.0/48

All: 0.019 $\pm$ 0.001 χ^2/NDF : 5508.1/98

- sign 0.018 $\pm$ 0.001 χ^2/NDF : 3052.8/49

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -19.813 ± 0.835 χ^2/NDF : 690.0/6

Left Out: -19.642 ± 0.103 χ^2/NDF : 15730.6/24

Right Out: -2.535 ± 0.627 χ^2/NDF : 2709.9/8

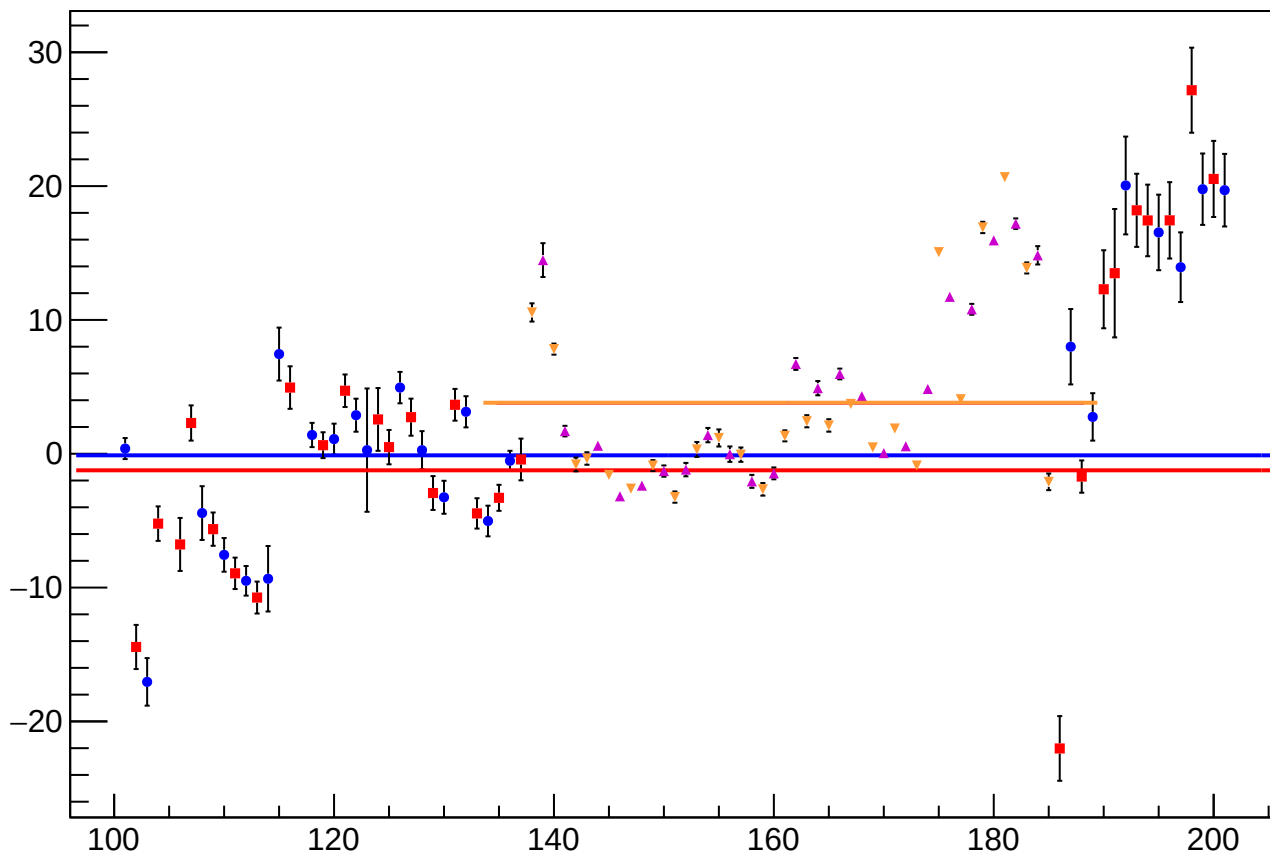
Left In: -19.355 ± 0.105 χ^2/NDF : 12417.1/22

+ sign -19.645 ± 0.103 χ^2/NDF : 16420.6/31

All: -19.274 ± 0.073 χ^2/NDF : 32275.2/63

- sign -18.899 ± 0.103 χ^2/NDF : 15828.3/31

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -0.118 ± 0.278 $\chi^2/\text{NDF}: 507.3/23$

Left Out: 3.811 ± 0.082 $\chi^2/\text{NDF}: 7118.3/24$

Right Out: -1.237 ± 0.282 $\chi^2/\text{NDF}: 680.4/26$

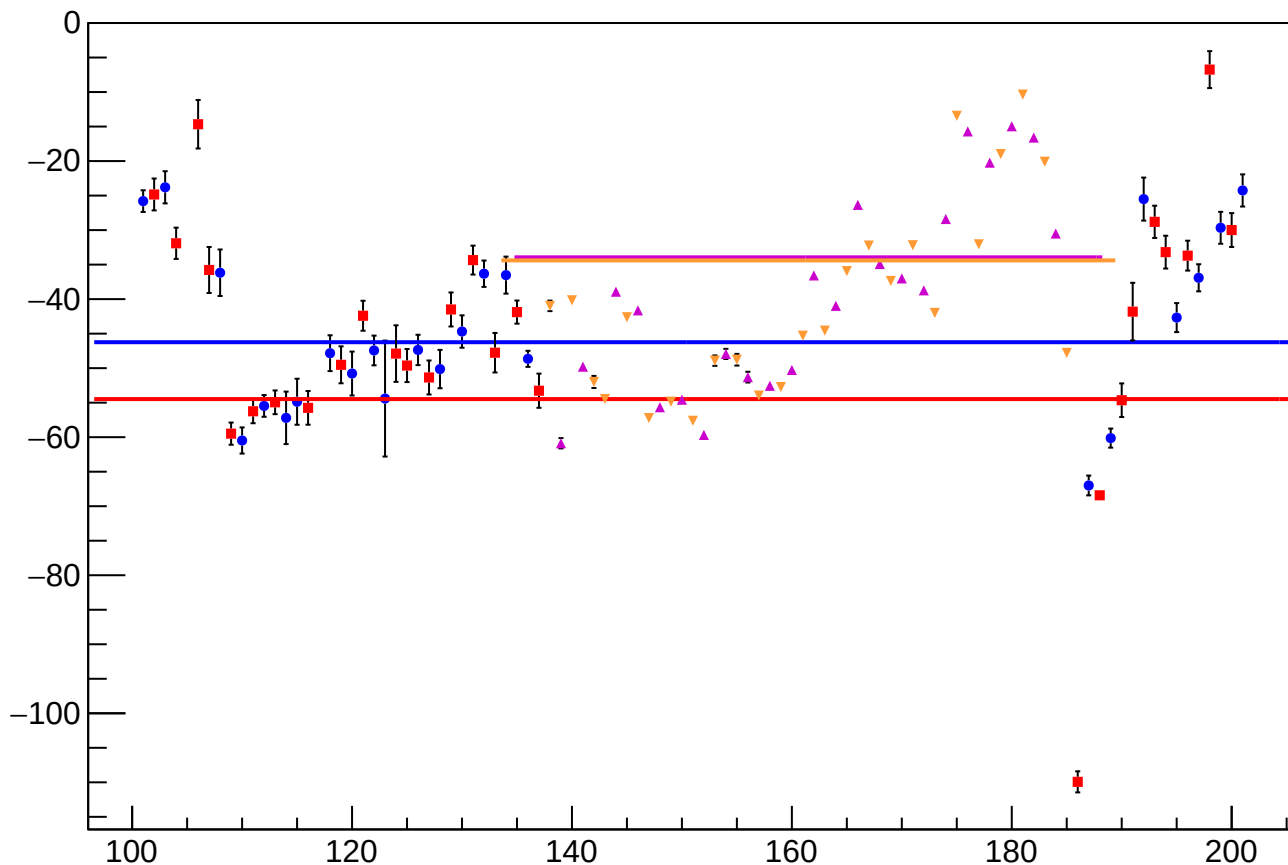
Left In: 3.795 ± 0.083 $\chi^2/\text{NDF}: 5534.4/22$

+ sign 3.494 ± 0.079 $\chi^2/\text{NDF}: 7809.6/48$

All: 3.444 ± 0.056 $\chi^2/\text{NDF}: 14317.6/98$

- sign 3.392 ± 0.080 $\chi^2/\text{NDF}: 6507.2/49$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -46.241 ± 0.421 χ^2/NDF : 948.9/23

Left Out: -34.389 ± 0.104 χ^2/NDF : 20032.2/24

Right Out: -54.481 ± 0.372 χ^2/NDF : 3111.7/26

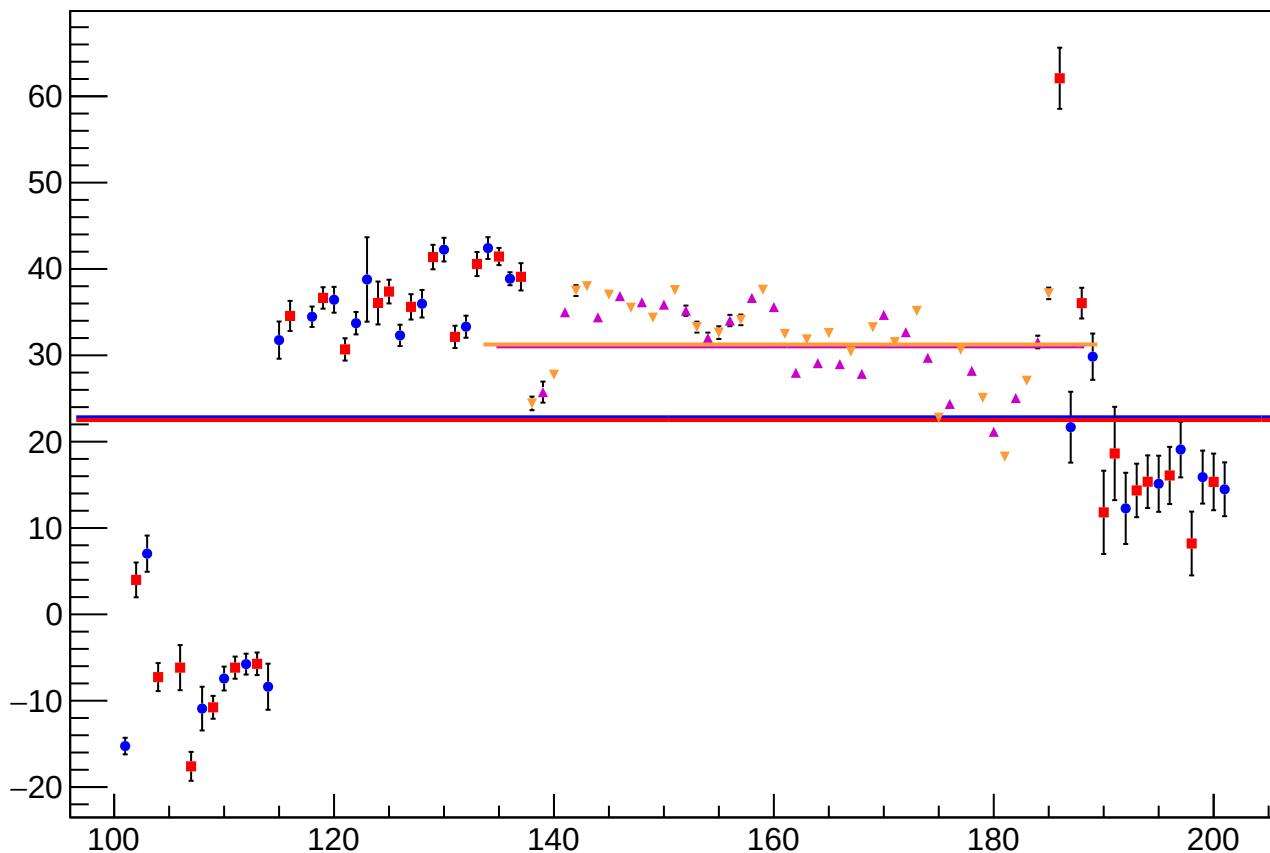
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ sign -35.071 ± 0.101 χ^2/NDF : 21726.9/48

All: -35.265 ± 0.071 χ^2/NDF : 45526.7/98

- sign -35.458 ± 0.101 χ^2/NDF : 23792.5/49

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.819+/-0.315 χ^2/NDF : 4379.2/23

Left Out: 31.252+/-0.093 χ^2/NDF : 3305.3/24

Right Out: 22.501+/-0.323 χ^2/NDF : 4251.7/26

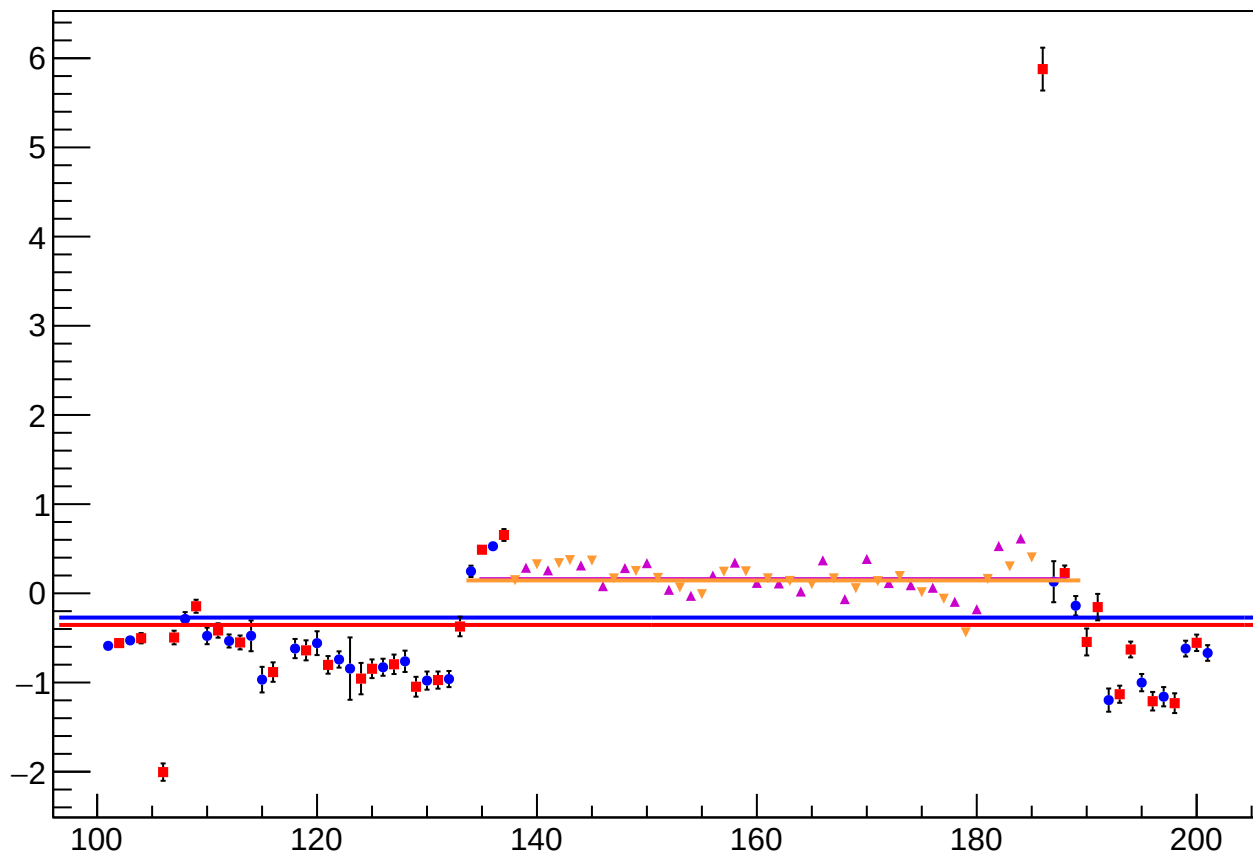
Left In: 31.040+/-0.094 χ^2/NDF : 2488.6/22

+ sign 30.583+/-0.089 χ^2/NDF : 8343.6/48

All: 30.481+/-0.063 χ^2/NDF : 15730.9/98

- sign 30.376+/-0.090 χ^2/NDF : 7384.6/49

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.272 ± 0.016 χ^2/NDF : 1238.6/23

Left Out: 0.145 ± 0.004 χ^2/NDF : 1572.6/24

Right Out: -0.355 ± 0.016 χ^2/NDF : 2114.6/26

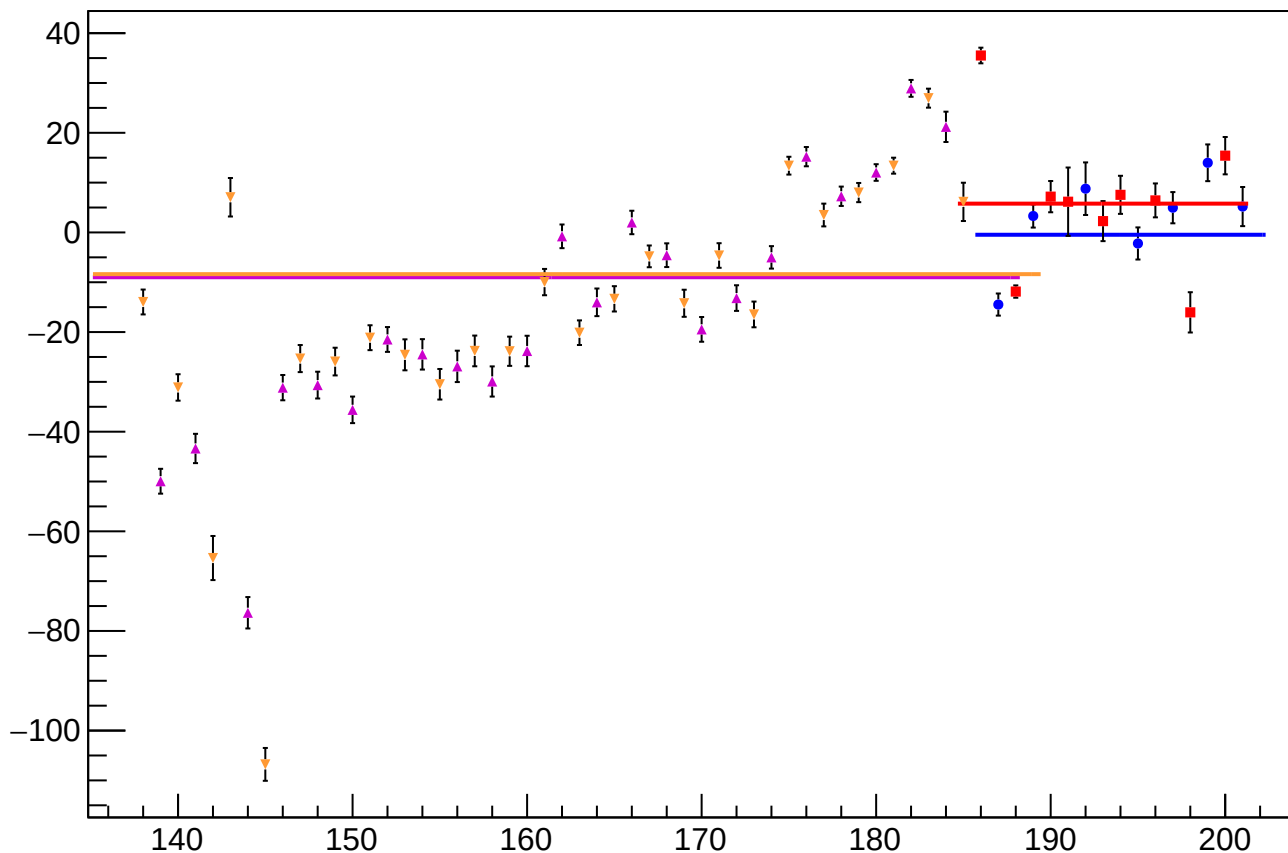
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.118 ± 0.004 χ^2/NDF : 3427.7/48

All: 0.122 ± 0.003 χ^2/NDF : 8498.0/98

- sign 0.126 ± 0.004 χ^2/NDF : 5068.7/49

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -0.467 ± 1.147 χ^2/NDF : 66.3/6

Left Out: -8.375 ± 0.500 χ^2/NDF : 2224.0/24

Right Out: 5.780 ± 0.809 χ^2/NDF : 598.2/8

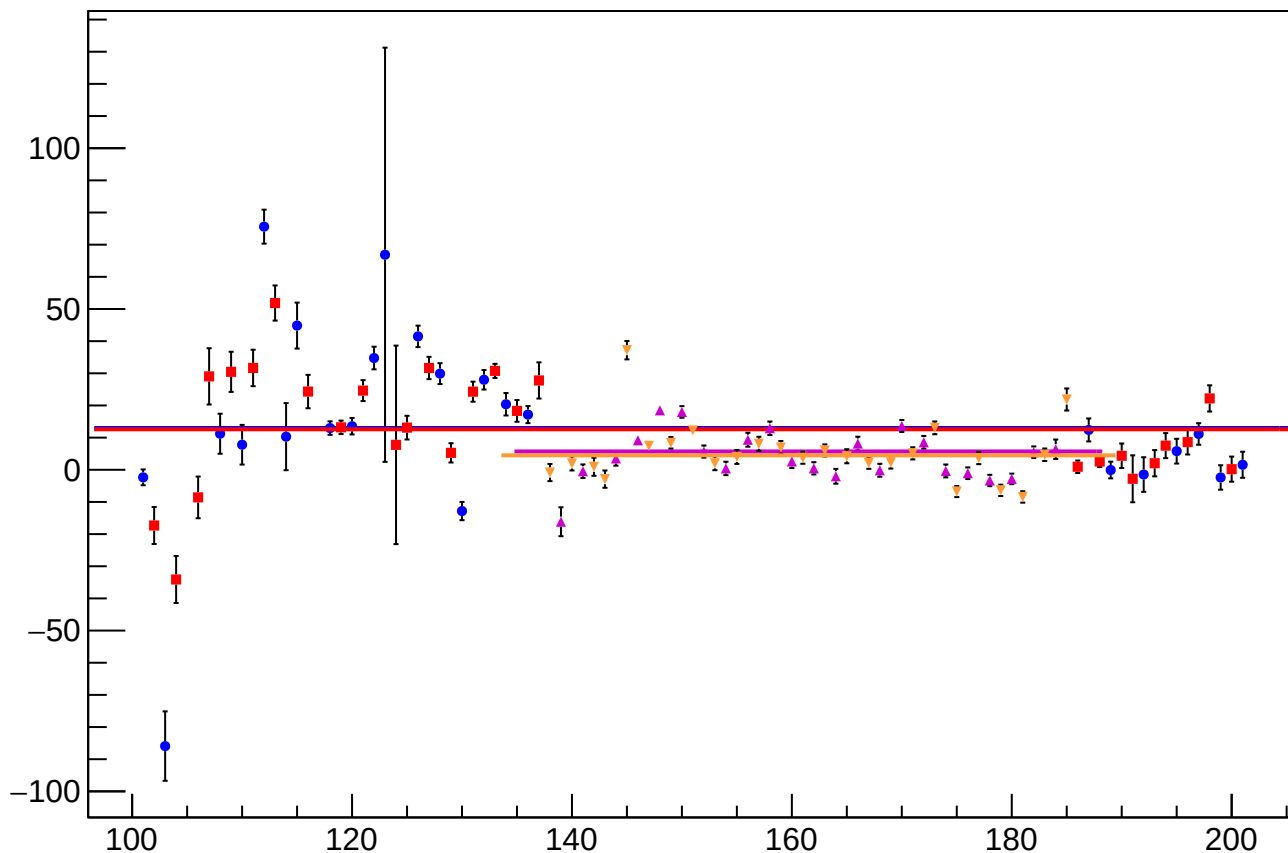
Left In: -8.995 ± 0.505 χ^2/NDF : 2308.2/22

+ sign -7.111 ± 0.459 χ^2/NDF : 2330.2/31

All: -5.904 ± 0.313 χ^2/NDF : 5489.6/63

- sign -4.850 ± 0.428 χ^2/NDF : 3146.4/31

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 12.996 $\pm$ 0.718 χ^2 /NDF: 597.6/23

Left Out: 4.494 $\pm$ 0.393 χ^2 /NDF: 372.1/24

Right Out: 12.597 $\pm$ 0.668 χ^2 /NDF: 404.7/26

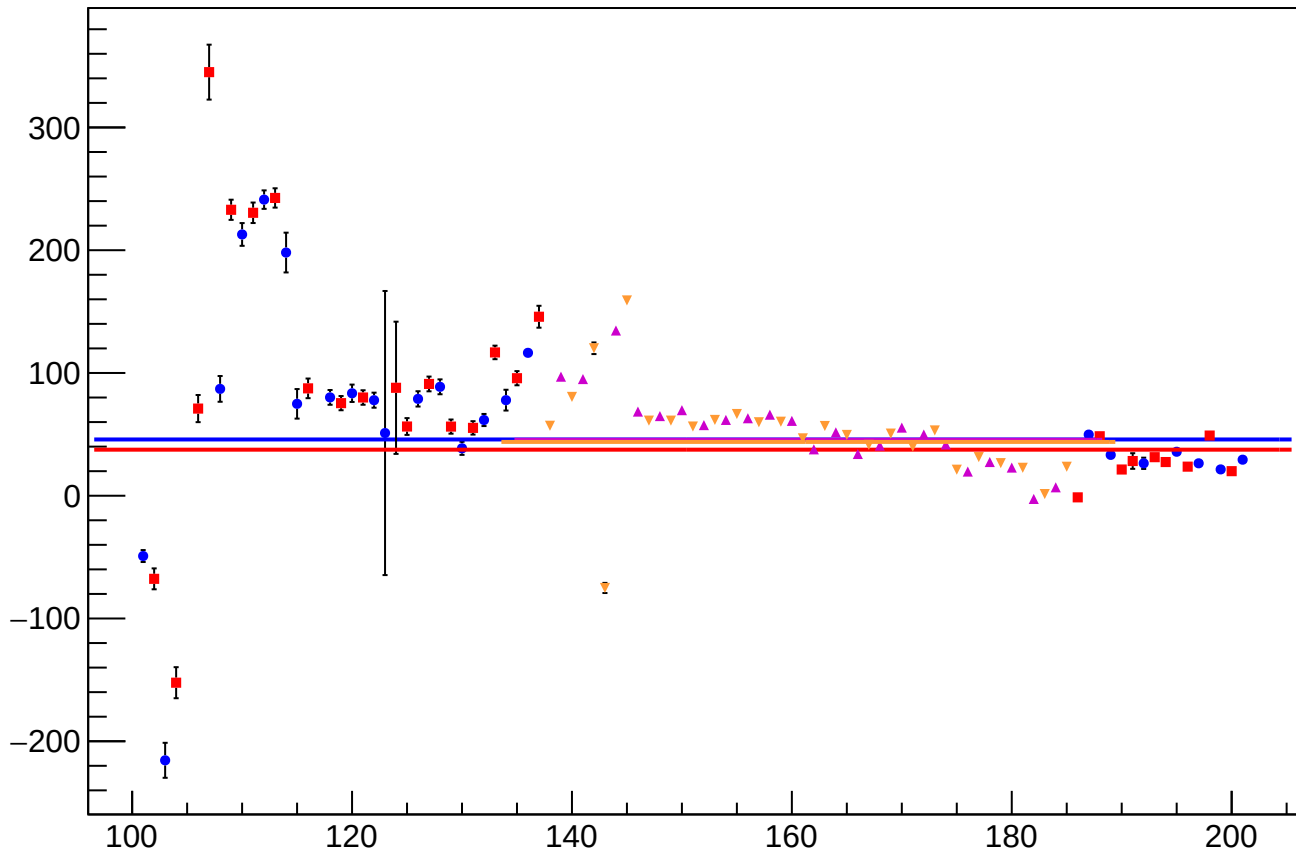
Left In: 5.699 $\pm$ 0.403 χ^2 /NDF: 329.1/22

+ sign 6.452 $\pm$ 0.345 χ^2 /NDF: 1077.6/48

All: 6.996 $\pm$ 0.244 χ^2 /NDF: 1894.6/98

- sign 7.541 $\pm$ 0.345 χ^2 /NDF: 812.0/49

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 45.836+/-0.834 χ^2/NDF : 2529.9/23

Left Out: 43.840+/-0.499 χ^2/NDF : 3680.9/24

Right Out: 37.518+/-0.624 χ^2/NDF : 4231.3/26

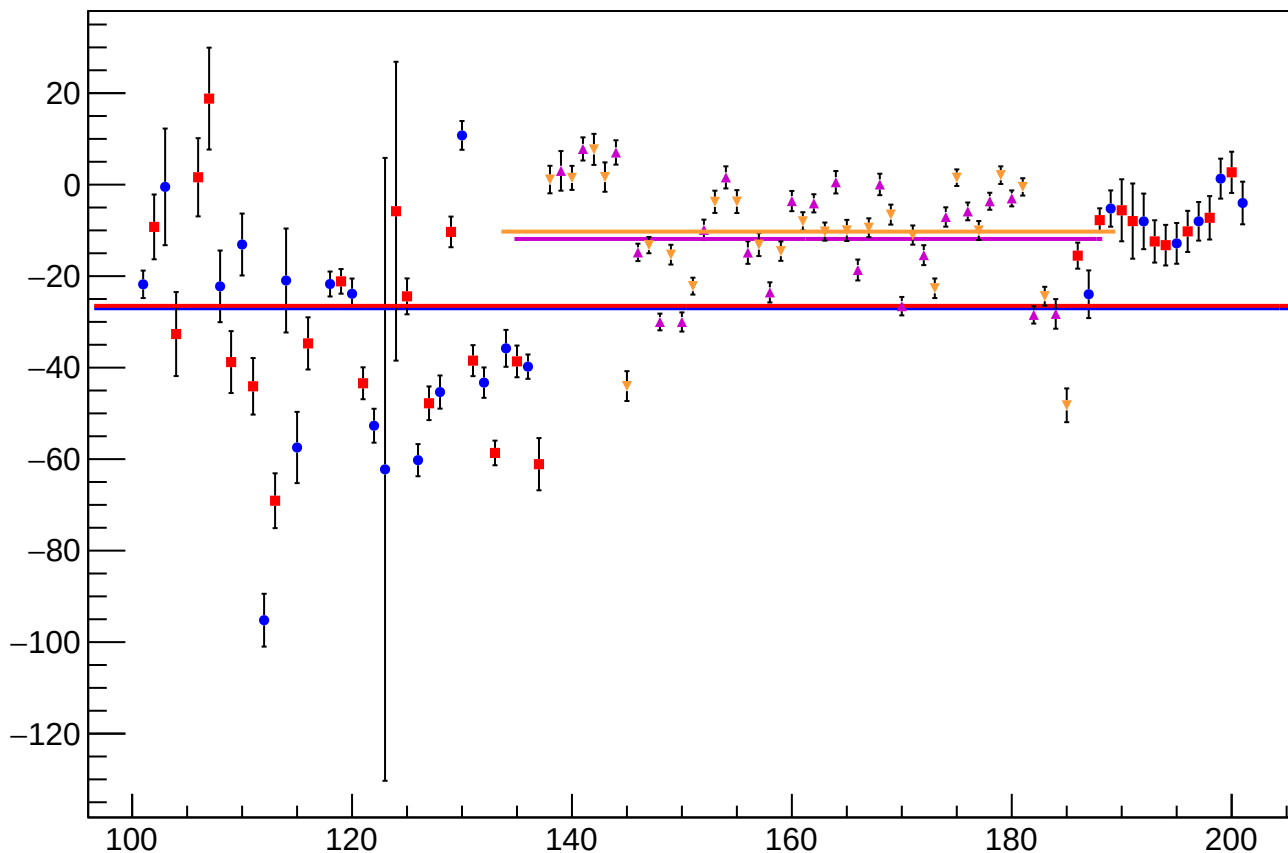
Left In: 45.559+/-0.502 χ^2/NDF : 3152.4/22

+ sign 44.366+/-0.428 χ^2/NDF : 6215.1/48

All: 43.292+/-0.289 χ^2/NDF : 13711.1/98

- sign 42.394+/-0.391 χ^2/NDF : 7484.5/49

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -27.019 ± 0.848 χ^2/NDF : 668.2/23

Left Out: -10.267 ± 0.445 χ^2/NDF : 553.7/24

Right Out: -26.500 ± 0.817 χ^2/NDF : 559.0/26

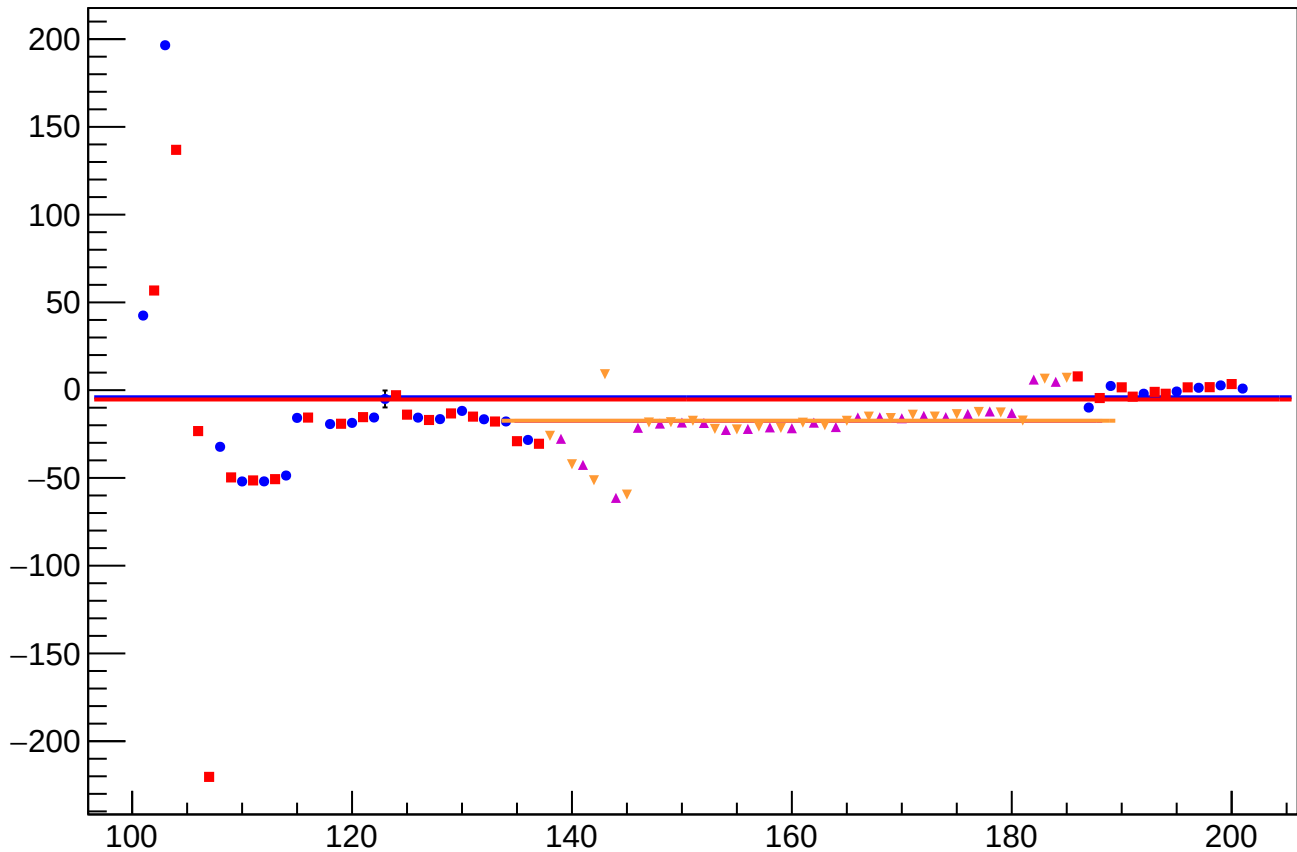
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ sign -13.885 ± 0.394 χ^2/NDF : 1528.0/48

All: -14.604 ± 0.280 χ^2/NDF : 3006.9/98

- sign -15.336 ± 0.397 χ^2/NDF : 1472.2/49

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -4.055 ± 0.041 $\chi^2/\text{NDF}: 590589.2/23$

Left Out: -17.411 ± 0.020 $\chi^2/\text{NDF}: 320231.3/24$

Right Out: -5.318 ± 0.039 $\chi^2/\text{NDF}: 584587.1/26$

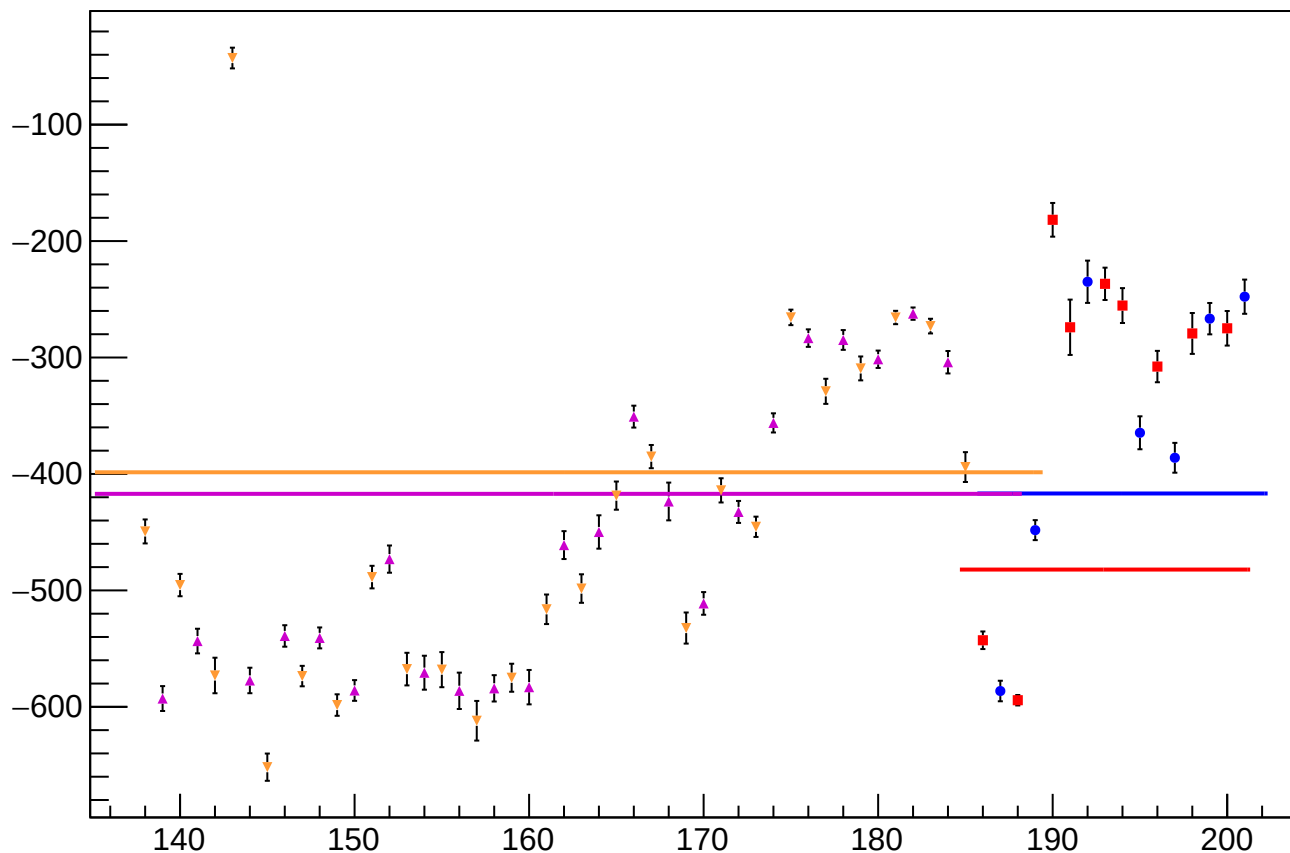
Left In: -17.552 ± 0.021 $\chi^2/\text{NDF}: 261900.3/22$

+ sign -14.788 ± 0.018 $\chi^2/\text{NDF}: 994773.4/48$

All: -14.842 ± 0.013 $\chi^2/\text{NDF}: 1917935.1/98$

- sign -14.896 ± 0.018 $\chi^2/\text{NDF}: 923144.1/49$

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -416.768 ± 4.440 χ^2/NDF : 759.8/6

Left Out: -398.556 ± 1.962 χ^2/NDF : 5659.5/24

Right Out: -482.099 ± 3.216 χ^2/NDF : 2234.7/8

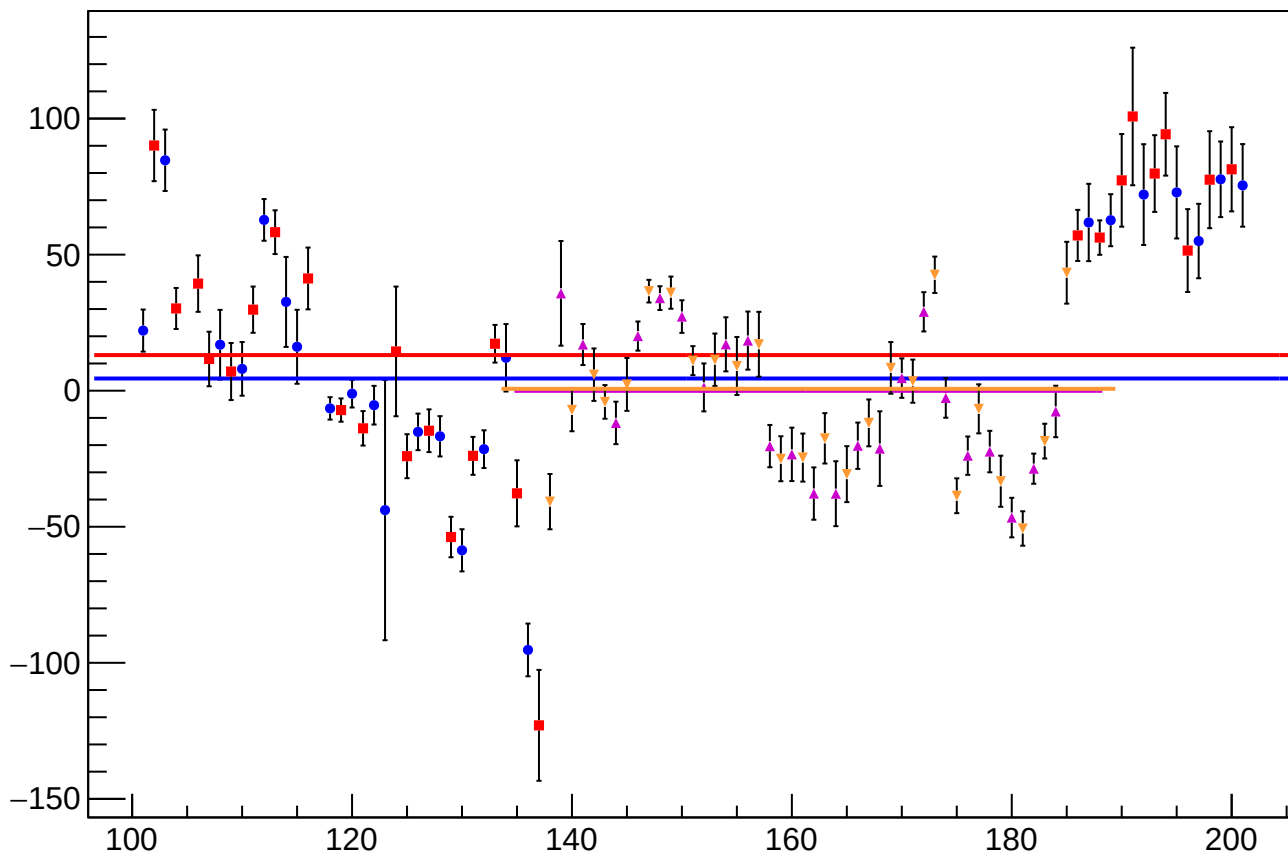
Left In: -417.080 ± 1.997 χ^2/NDF : 3958.5/22

+ sign -401.530 ± 1.794 χ^2/NDF : 6433.5/31

All: -419.295 ± 1.233 χ^2/NDF : 13107.5/63

- sign -435.175 ± 1.696 χ^2/NDF : 6488.3/31

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 4.477 ± 1.775 $\chi^2/\text{NDF}: 479.6/23$

Left Out: 0.697 ± 1.510 $\chi^2/\text{NDF}: 349.9/24$

Right Out: 13.085 ± 1.733 $\chi^2/\text{NDF}: 518.2/26$

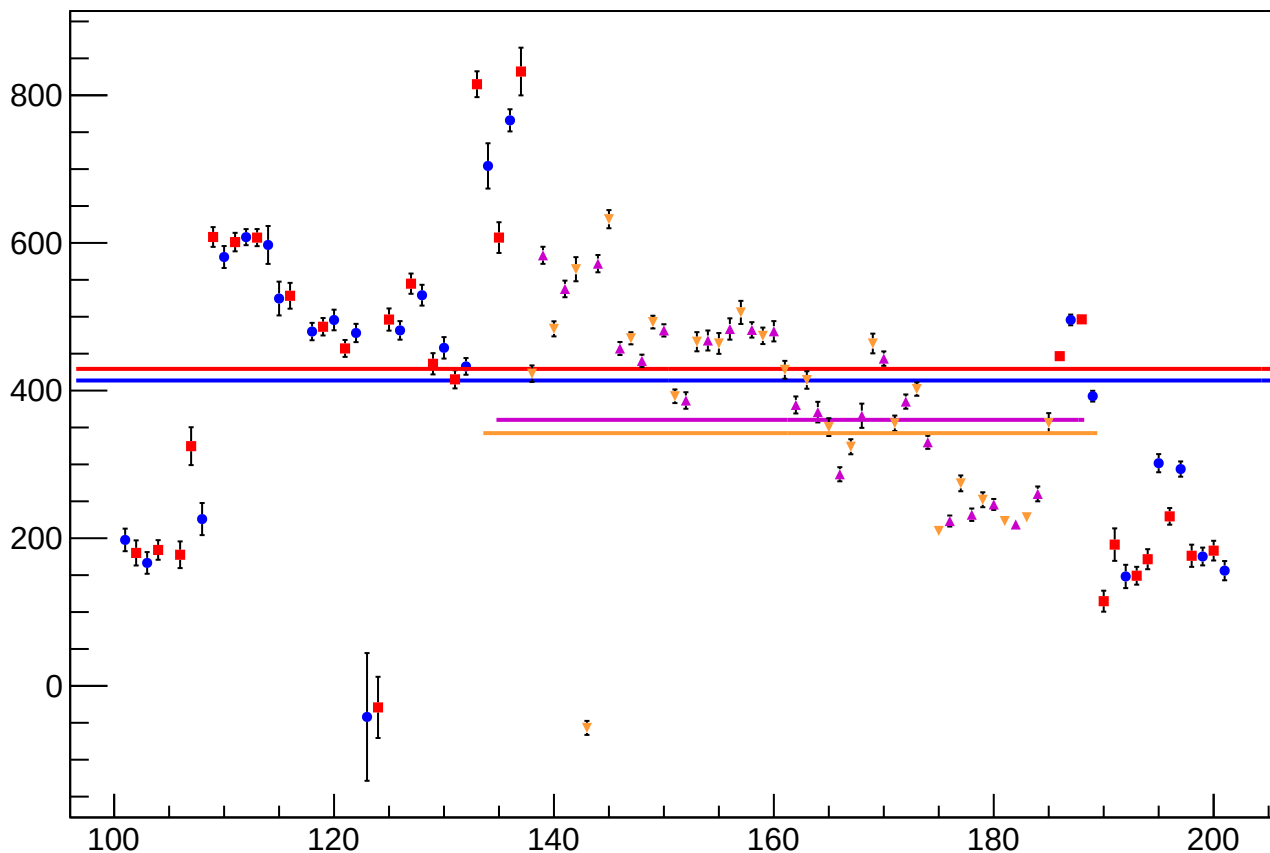
Left In: -0.052 ± 1.571 $\chi^2/\text{NDF}: 264.1/22$

+ sign 2.285 ± 1.150 $\chi^2/\text{NDF}: 832.2/48$

All: 4.057 ± 0.818 $\chi^2/\text{NDF}: 1650.8/98$

- sign 5.873 ± 1.164 $\chi^2/\text{NDF}: 813.8/49$

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 413.646 ± 2.612 $\chi^2/\text{NDF}: 3367.1/23$

Left Out: 342.368 ± 1.970 $\chi^2/\text{NDF}: 5181.7/24$

Right Out: 429.378 ± 2.128 $\chi^2/\text{NDF}: 5155.0/26$

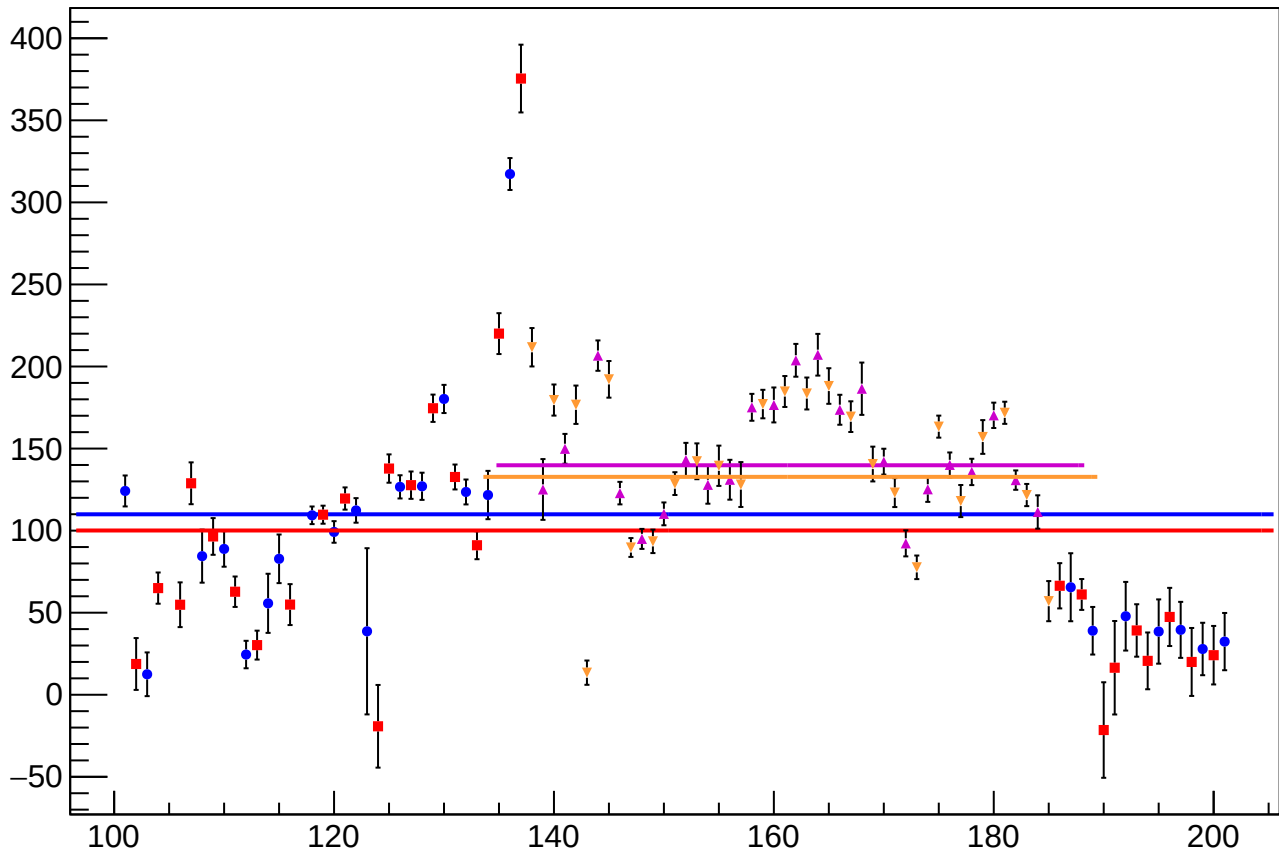
Left In: 360.355 ± 1.996 $\chi^2/\text{NDF}: 3449.9/22$

+ sign 368.207 ± 1.573 $\chi^2/\text{NDF}: 9023.5/48$

All: 381.374 ± 1.068 $\chi^2/\text{NDF}: 18318.3/98$

- sign 392.652 ± 1.456 $\chi^2/\text{NDF}: 9164.7/49$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 109.951 ± 2.082 $\chi^2/\text{NDF}: 832.9/23$

Left Out: 132.762 ± 1.736 $\chi^2/\text{NDF}: 749.6/24$

Right Out: 100.085 ± 2.045 $\chi^2/\text{NDF}: 709.6/26$

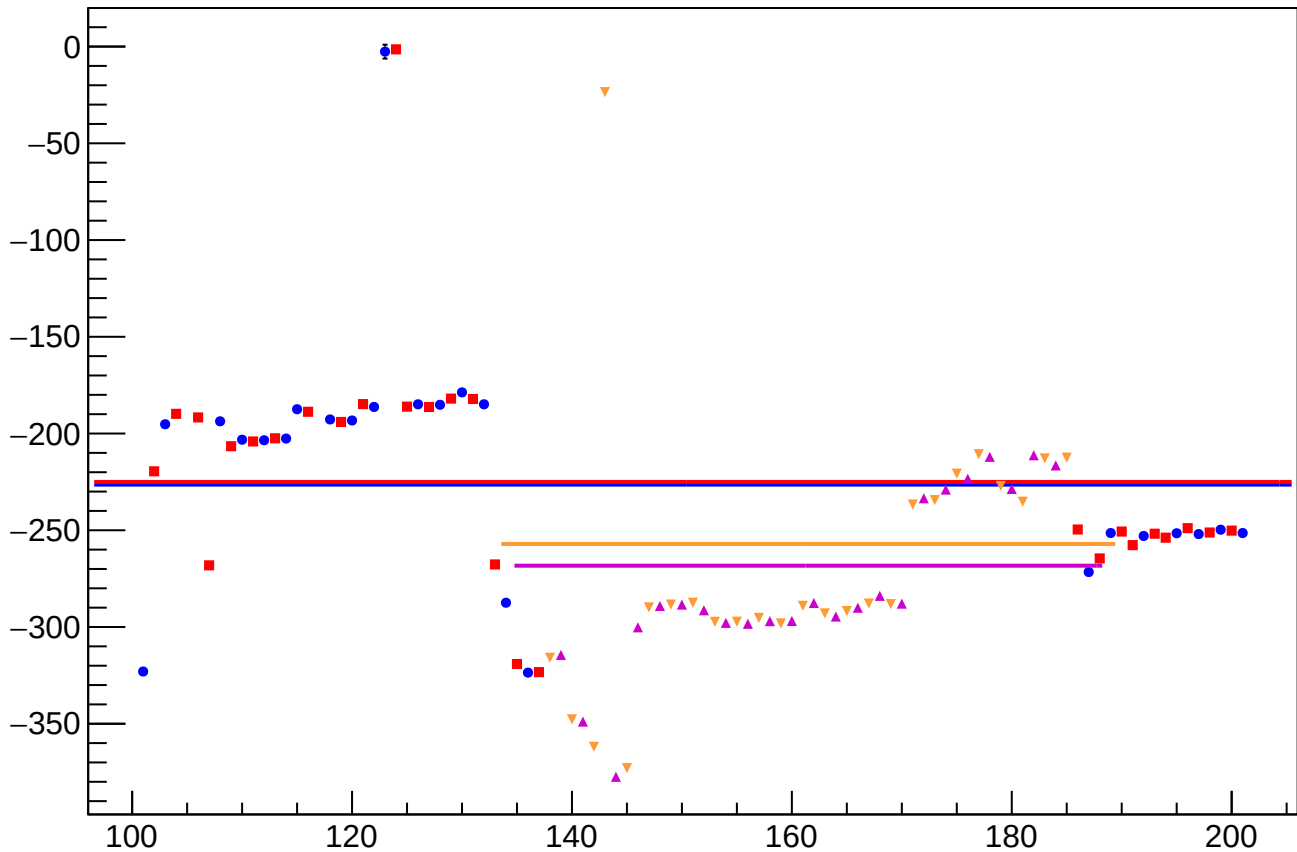
Left In: 139.828 ± 1.790 $\chi^2/\text{NDF}: 321.7/22$

+ sign 123.412 ± 1.333 $\chi^2/\text{NDF}: 1653.3/48$

All: 123.004 ± 0.947 $\chi^2/\text{NDF}: 2898.6/98$

- sign 122.588 ± 1.347 $\chi^2/\text{NDF}: 1245.2/49$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -226.403 ± 0.116 $\chi^2/\text{NDF}: 165679.6/23$

Left Out: -257.067 ± 0.082 $\chi^2/\text{NDF}: 665762.3/24$

Right Out: -225.007 ± 0.109 $\chi^2/\text{NDF}: 144396.0/26$

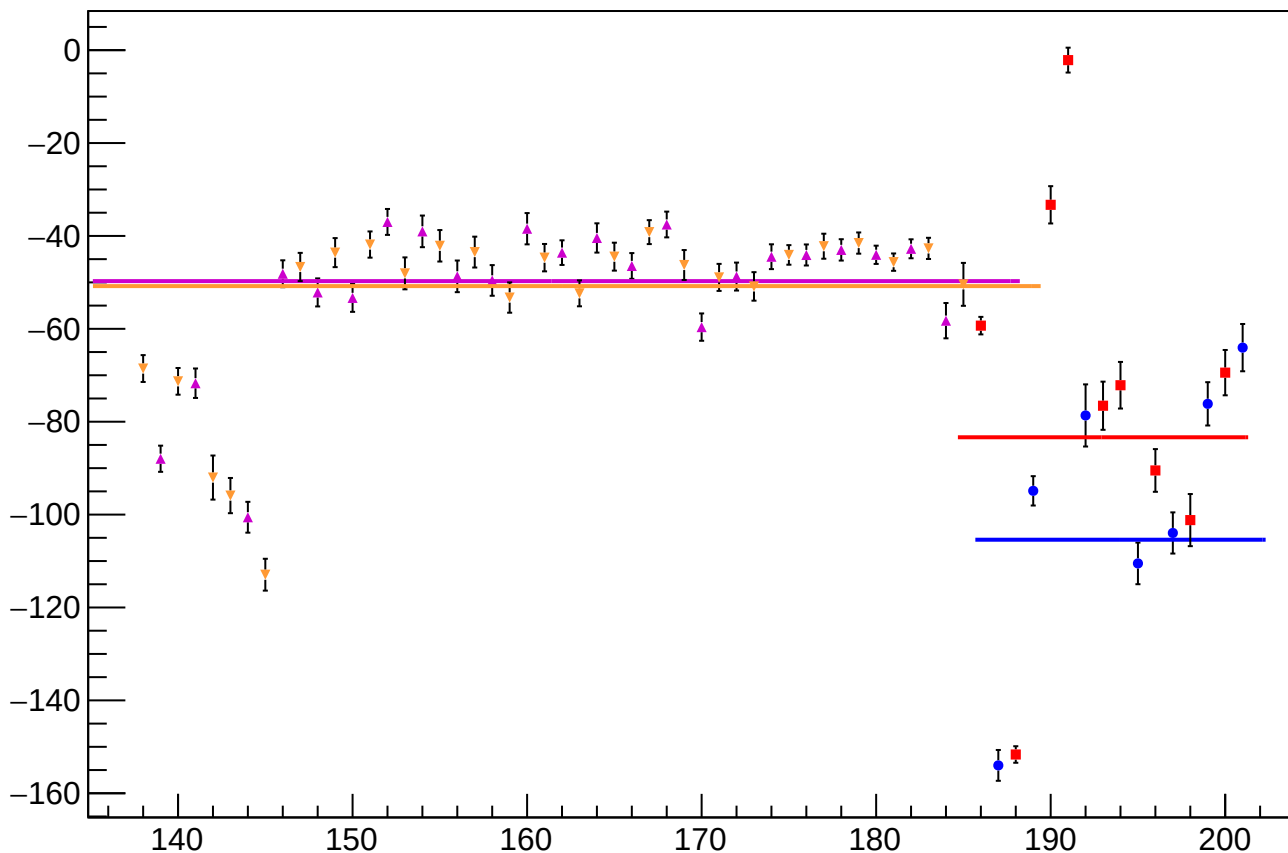
Left In: -268.305 ± 0.083 $\chi^2/\text{NDF}: 264853.3/22$

+ sign -246.766 ± 0.067 $\chi^2/\text{NDF}: 878100.4/48$

All: -249.561 ± 0.047 $\chi^2/\text{NDF}: 1390874.8/98$

- sign -252.276 ± 0.066 $\chi^2/\text{NDF}: 509349.6/49$

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -105.408 ± 1.584 χ^2/NDF : 348.3/6

Left Out: -50.802 ± 0.574 χ^2/NDF : 752.7/24

Right Out: -83.352 ± 1.002 χ^2/NDF : 2735.7/8

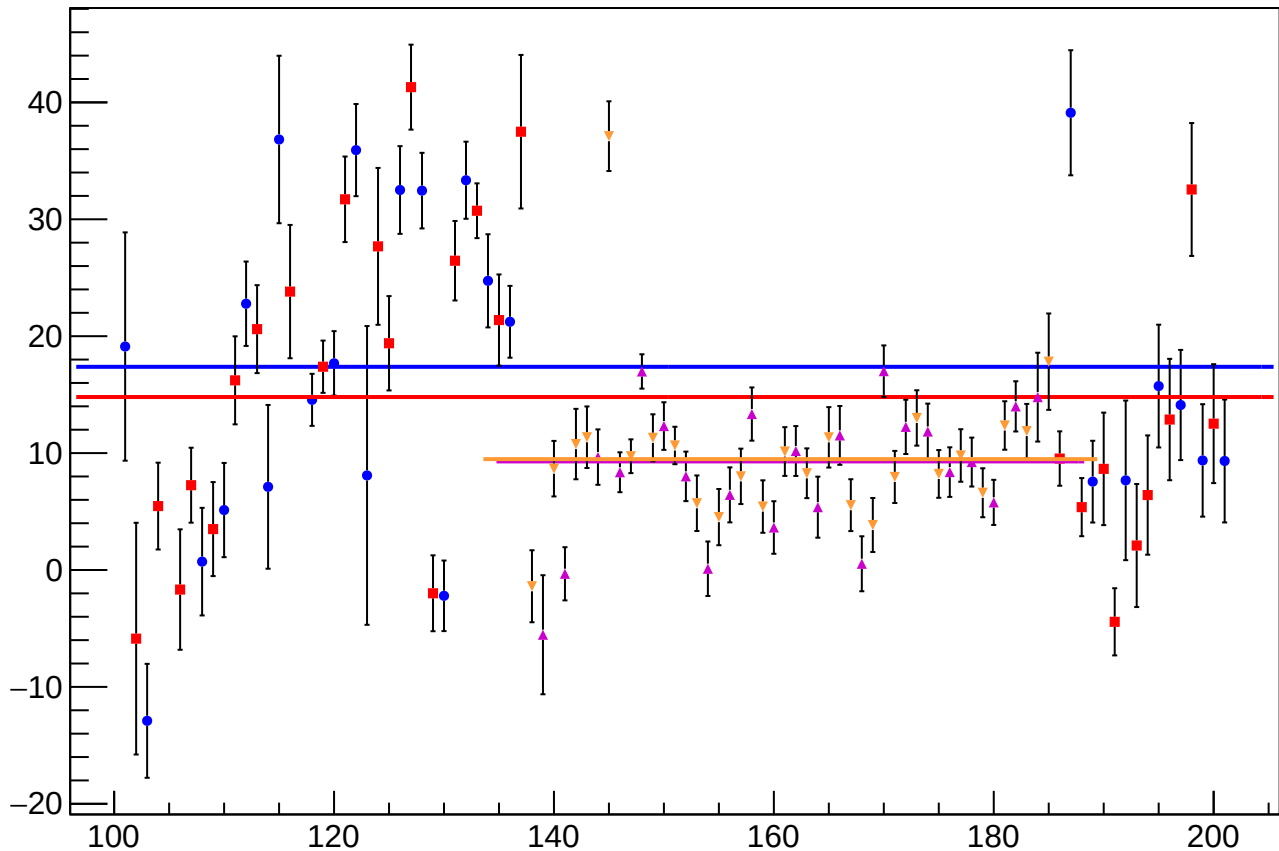
Left In: -49.728 ± 0.581 χ^2/NDF : 601.0/22

+ sign -57.138 ± 0.540 χ^2/NDF : 2151.8/31

All: -57.705 ± 0.368 χ^2/NDF : 6332.8/63

- sign -58.198 ± 0.503 χ^2/NDF : 4179.0/31

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 17.380 ± 0.812 χ^2/NDF : 237.7/23

Left Out: 9.483 ± 0.447 χ^2/NDF : 133.0/24

Right Out: 14.796 ± 0.702 χ^2/NDF : 304.3/26

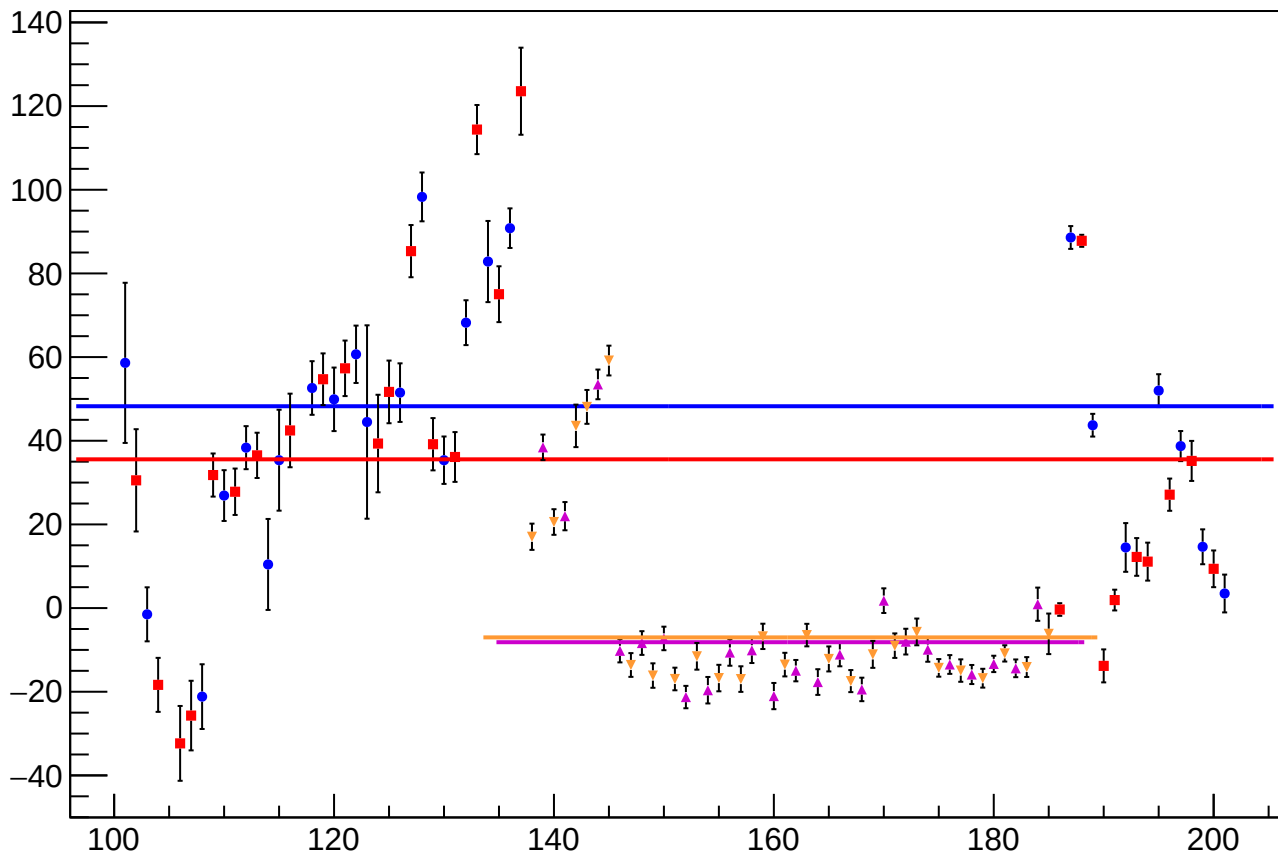
Left In: 9.289 ± 0.461 χ^2/NDF : 125.6/22

+ sign 11.320 ± 0.391 χ^2/NDF : 443.4/48

All: 11.131 ± 0.275 χ^2/NDF : 916.9/98

- sign 10.947 ± 0.385 χ^2/NDF : 473.0/49

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 48.250 ± 1.050 $\chi^2/\text{NDF}: 786.0/23$

Left Out: -7.007 ± 0.572 $\chi^2/\text{NDF}: 899.2/24$

Right Out: 35.559 ± 0.745 $\chi^2/\text{NDF}: 2885.9/26$

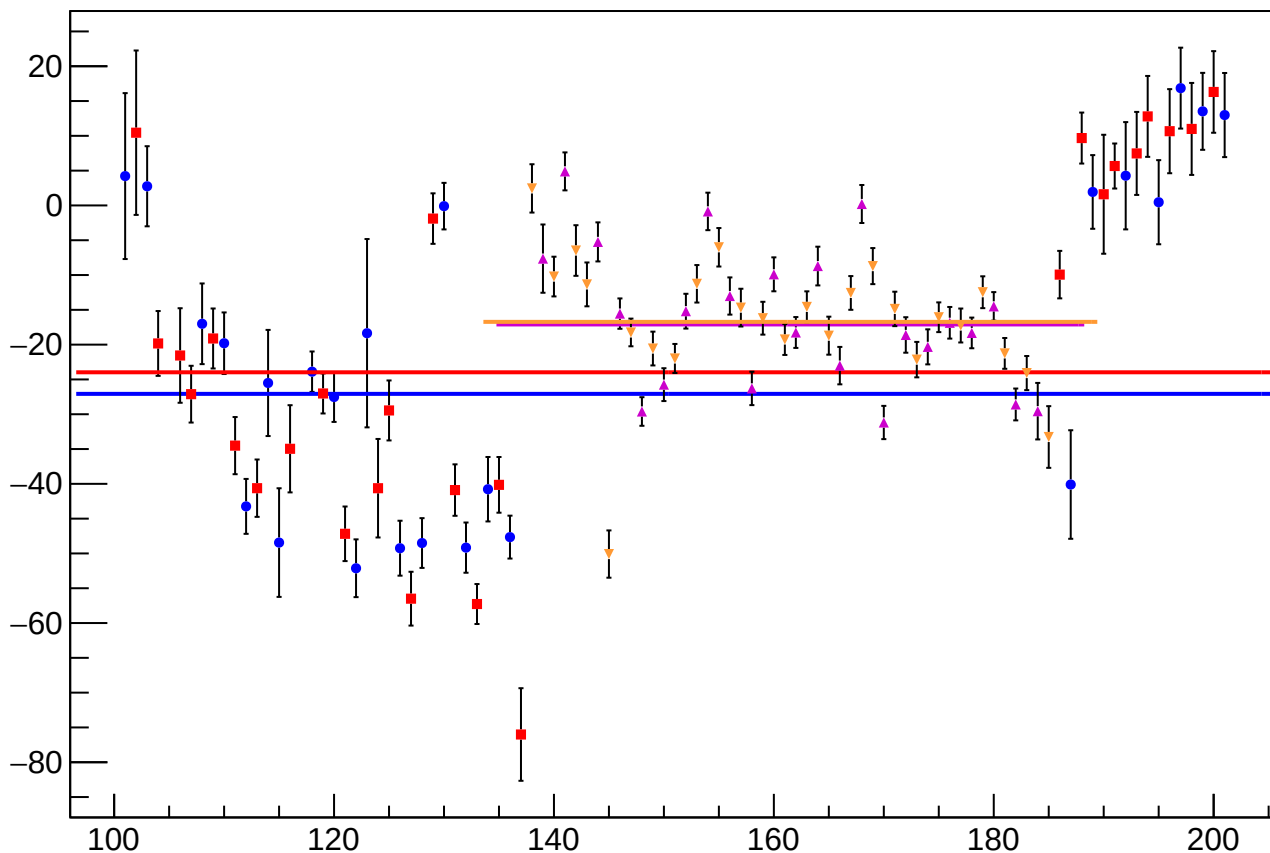
Left In: -8.158 ± 0.578 $\chi^2/\text{NDF}: 753.9/22$

+ sign 5.644 ± 0.502 $\chi^2/\text{NDF}: 3822.5/48$

All: 7.070 ± 0.338 $\chi^2/\text{NDF}: 9626.3/98$

- sign 8.248 ± 0.457 $\chi^2/\text{NDF}: 5789.1/49$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -27.073 ± 0.944 χ^2/NDF : 550.4/23

Left Out: -16.727 ± 0.508 χ^2/NDF : 223.3/24

Right Out: -23.974 ± 0.839 χ^2/NDF : 791.5/26

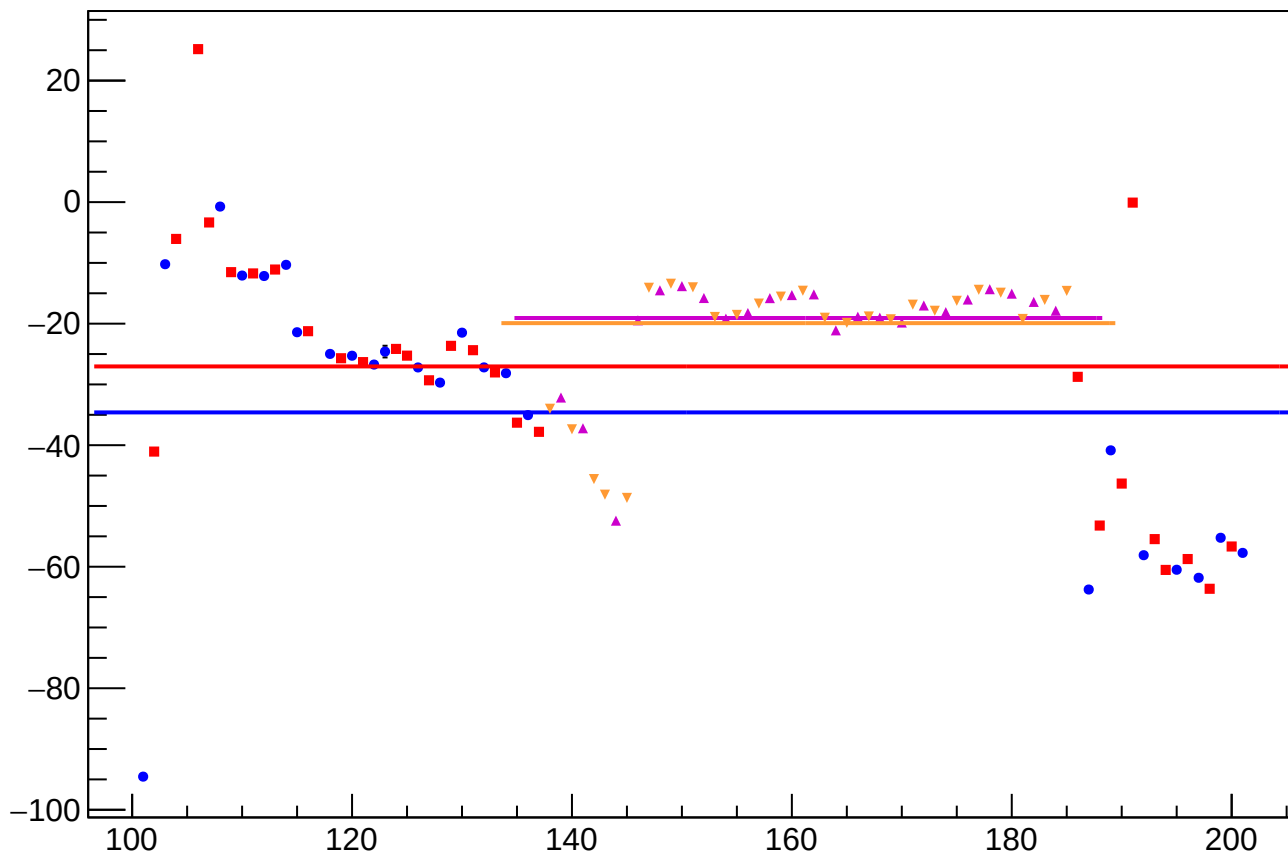
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ sign -19.050 ± 0.447 χ^2/NDF : 867.0/48

All: -19.031 ± 0.314 χ^2/NDF : 2035.1/98

- sign -19.012 ± 0.442 χ^2/NDF : 1168.1/49

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -34.605 $\pm$ 0.046 χ^2/NDF : 189212.5/23

Left Out: -19.915 $\pm$ 0.023 χ^2/NDF : 141090.6/24

Right Out: -27.039 $\pm$ 0.039 χ^2/NDF : 377954.9/26

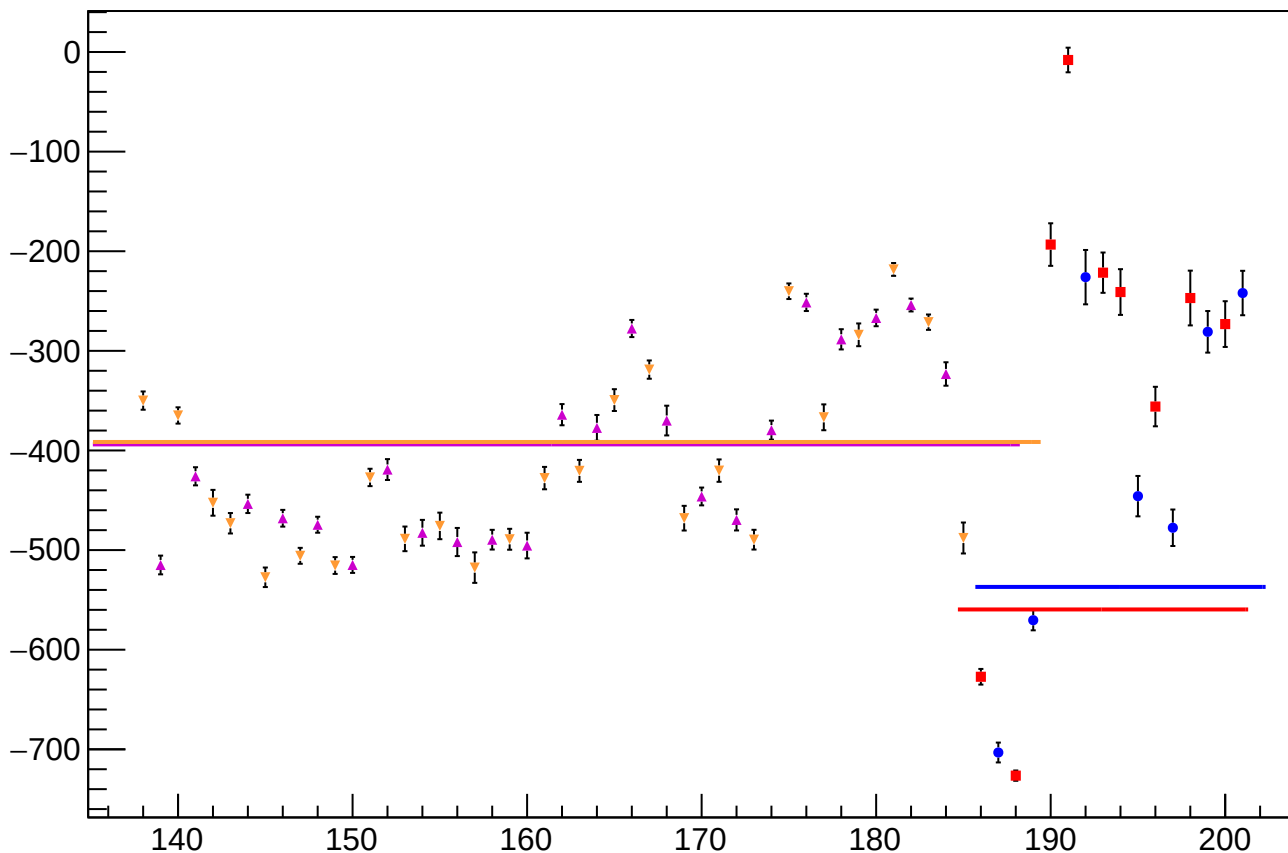
Left In: -19.068 $\pm$ 0.024 χ^2/NDF : 92702.3/22

+ sign -22.884 $\pm$ 0.021 χ^2/NDF : 410376.0/48

All: -22.006 $\pm$ 0.015 χ^2/NDF : 914775.3/98

- sign -21.181 $\pm$ 0.020 χ^2/NDF : 500959.5/49

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -536.973+/-5.697 χ^2/NDF : 775.2/6

Left Out: -391.476+/-1.973 χ^2/NDF : 2708.6/24

Right Out: -559.600+/-3.719 χ^2/NDF : 4257.2/8

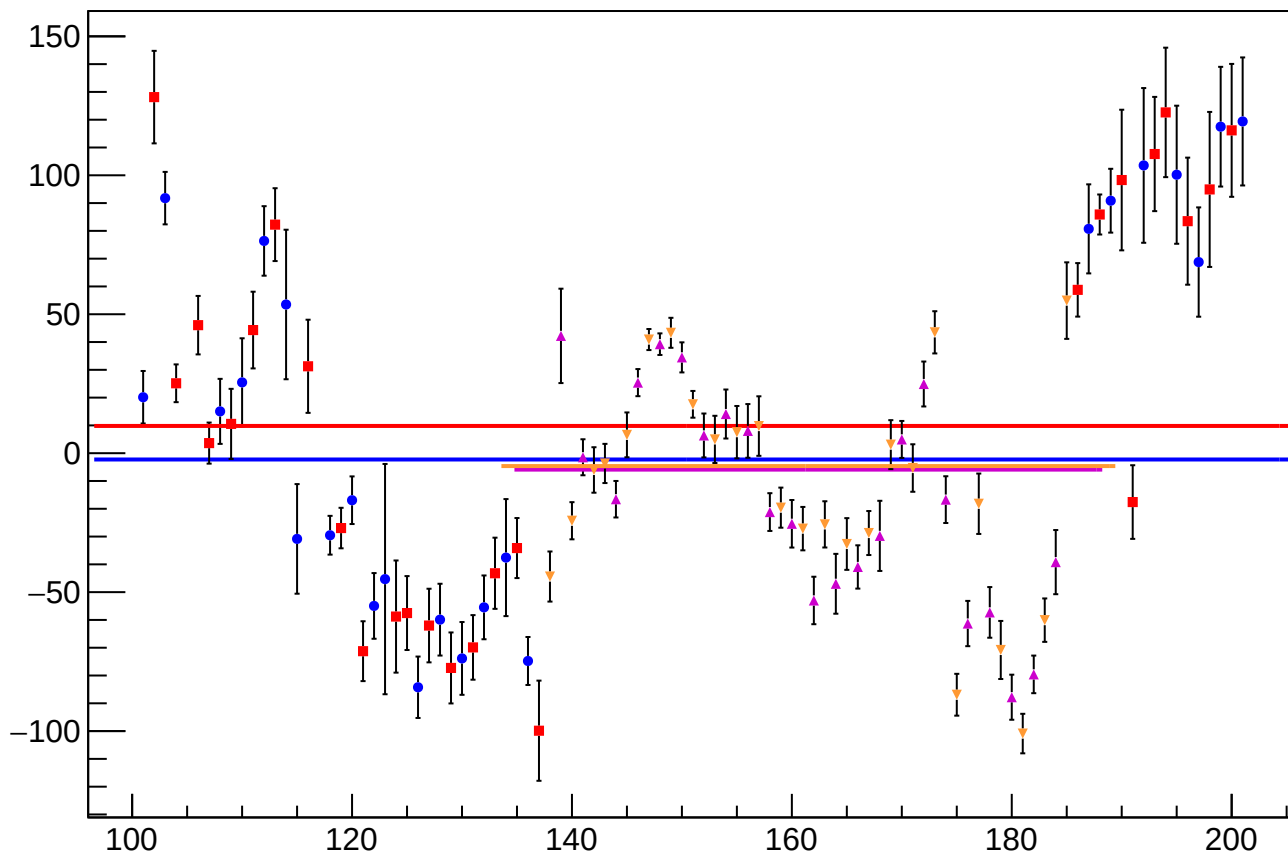
Left In: -393.904+/-1.998 χ^2/NDF : 2280.8/22

+ sign -407.049+/-1.864 χ^2/NDF : 4066.2/31

All: -419.718+/-1.280 χ^2/NDF : 12232.1/63

- sign -431.012+/-1.760 χ^2/NDF : 8078.5/31

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -2.268 ± 2.580 $\chi^2/\text{NDF}: 590.8/23$

Left Out: -4.635 ± 1.467 $\chi^2/\text{NDF}: 771.4/24$

Right Out: 9.807 ± 2.279 $\chi^2/\text{NDF}: 659.2/26$

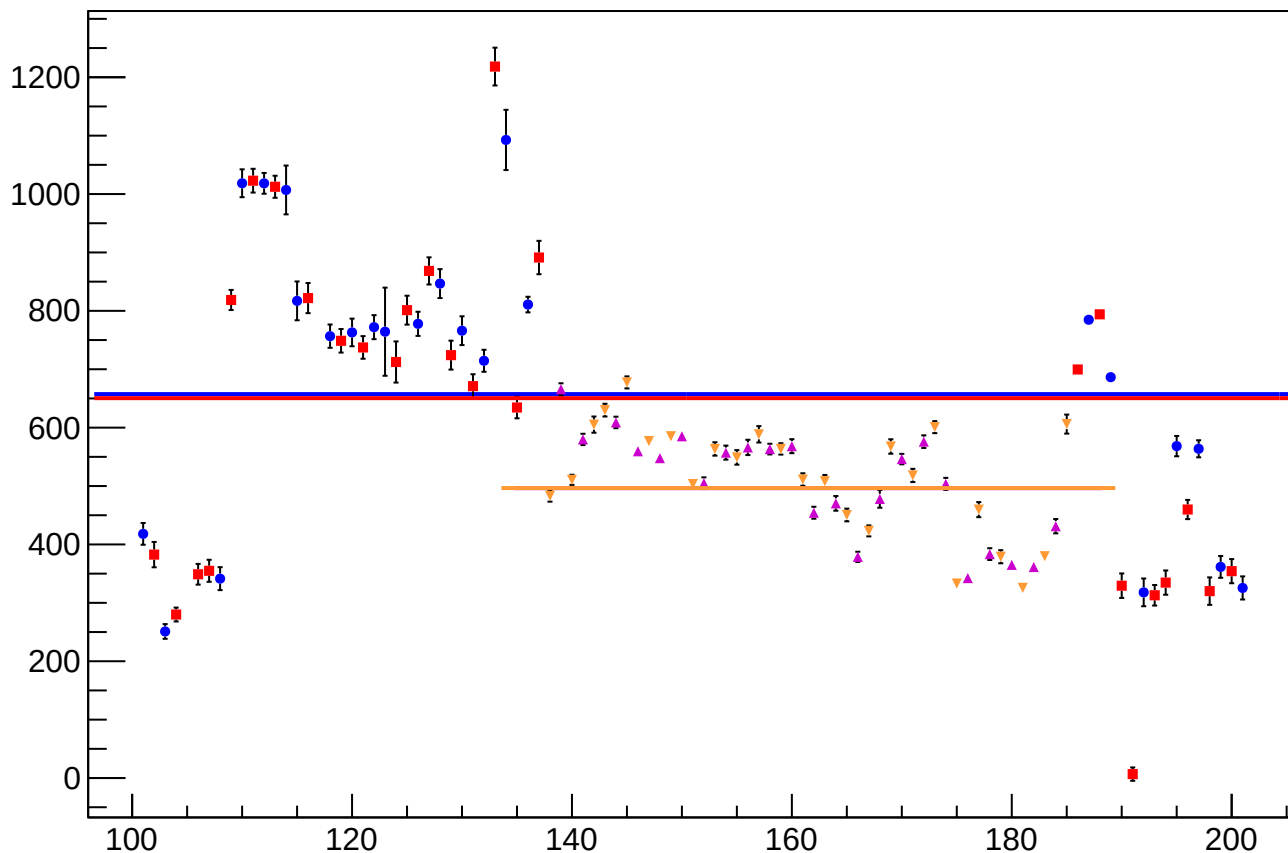
Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

+ sign -4.057 ± 1.276 $\chi^2/\text{NDF}: 1362.8/48$

All: -2.560 ± 0.897 $\chi^2/\text{NDF}: 2715.3/98$

- sign -1.098 ± 1.261 $\chi^2/\text{NDF}: 1349.7/49$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 657.438 ± 3.462 $\chi^2/\text{NDF}: 3657.4/23$

Left Out: 496.535 ± 1.971 $\chi^2/\text{NDF}: 2589.1/24$

Right Out: 650.488 ± 2.578 $\chi^2/\text{NDF}: 8846.4/26$

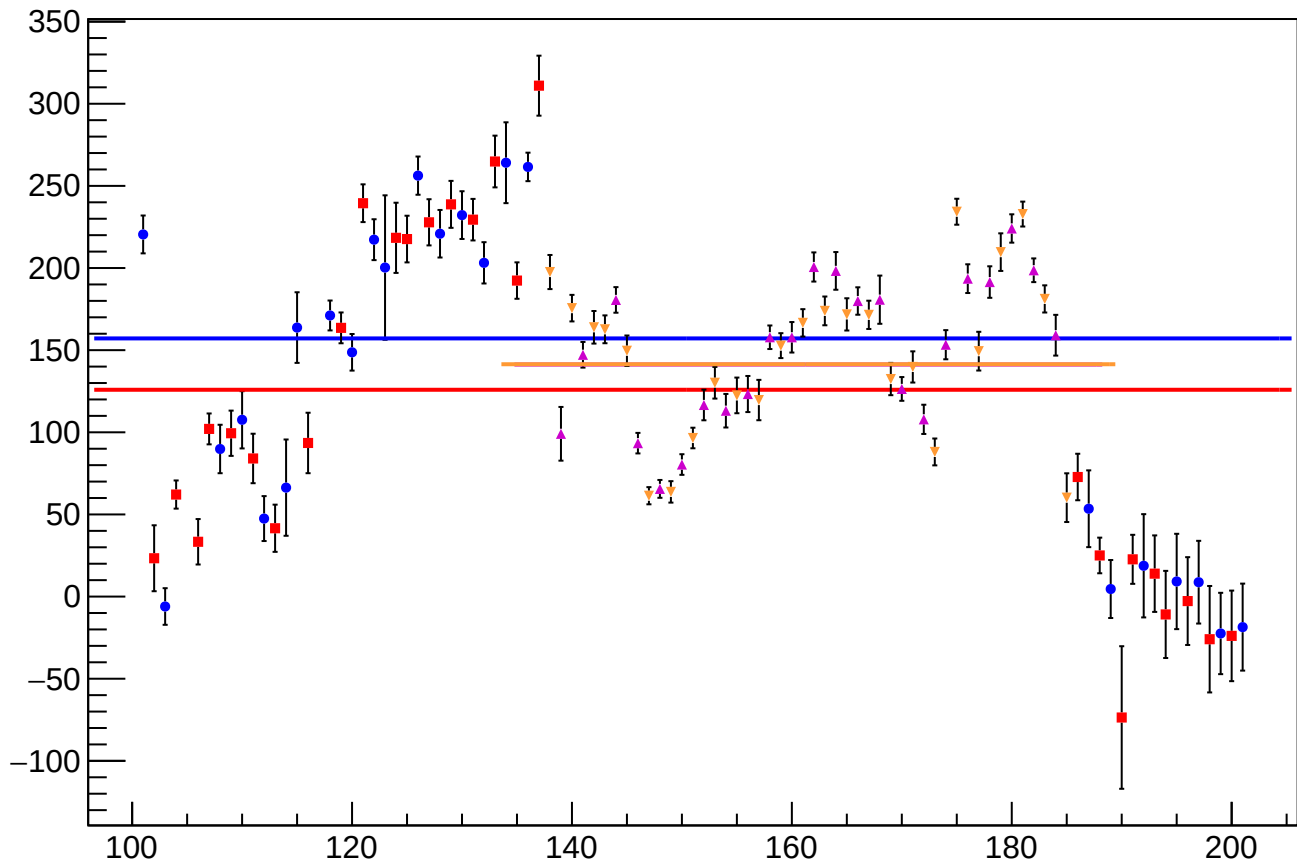
Left In: 496.393 ± 1.985 $\chi^2/\text{NDF}: 2295.8/22$

+ sign 535.930 ± 1.713 $\chi^2/\text{NDF}: 7878.0/48$

All: 545.599 ± 1.159 $\chi^2/\text{NDF}: 21321.2/98$

- sign 553.754 ± 1.573 $\chi^2/\text{NDF}: 13384.5/49$

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 157.149 $\pm$ 3.024 χ^2 /NDF: 941.9/23

Left Out: 141.430 $\pm$ 1.704 χ^2 /NDF:957.7/24

Right Out: 125.891 $\pm$ 2.742 χ^2 /NDF: 1048.3/26

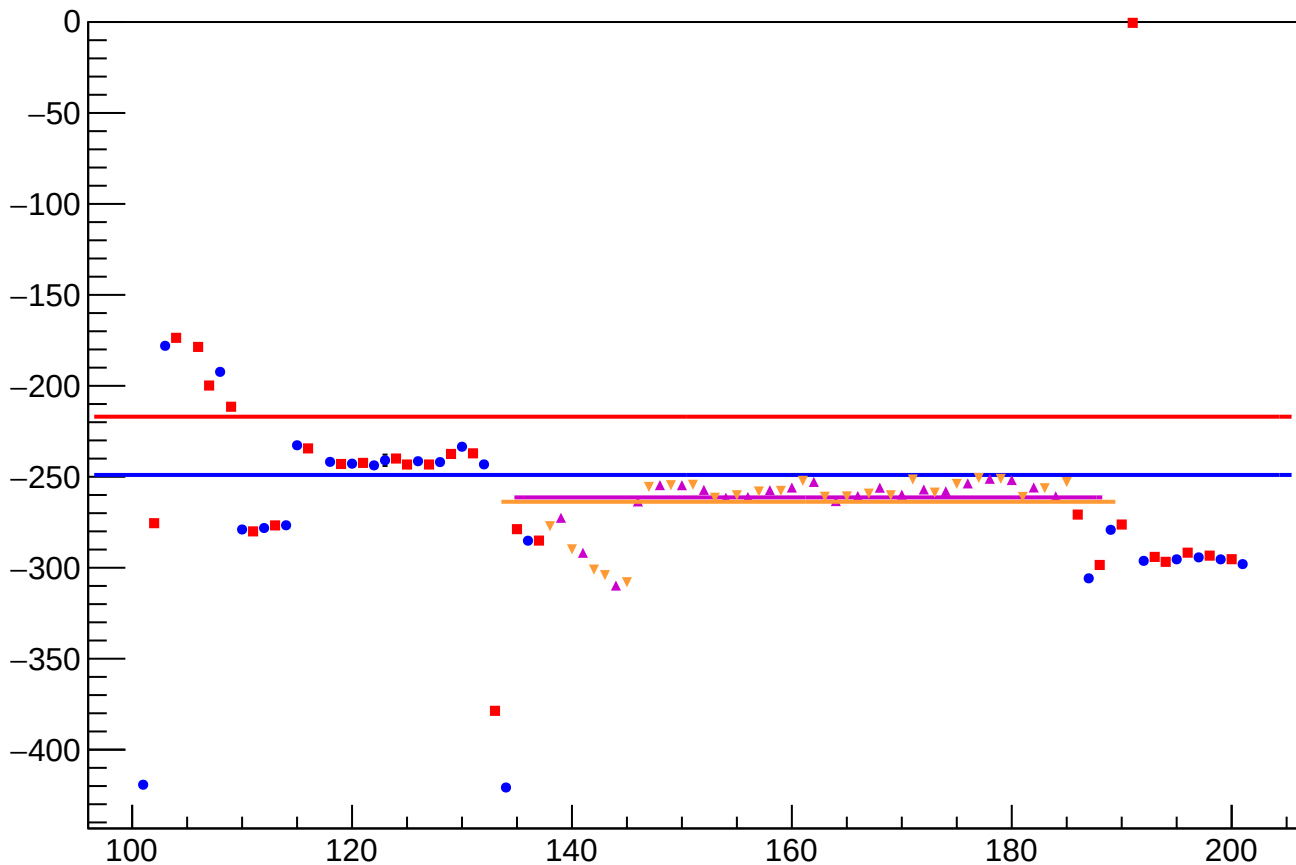
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF:744.2/22

+ sign 145.219 $\pm$ 1.485 χ^2 /NDF: 1920.2/48

All: 140.985 $\pm$ 1.045 χ^2 /NDF: 3751.1/98

- sign 136.825 $\pm$ 1.471 χ^2 /NDF: 1814.8/49

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -248.980 ± 0.144 $\chi^2/\text{NDF}: 190932.2/23$

Left Out: -263.734 ± 0.081 $\chi^2/\text{NDF}: 37922.0/24$

Right Out: -216.960 ± 0.127 $\chi^2/\text{NDF}: 450477.2/26$

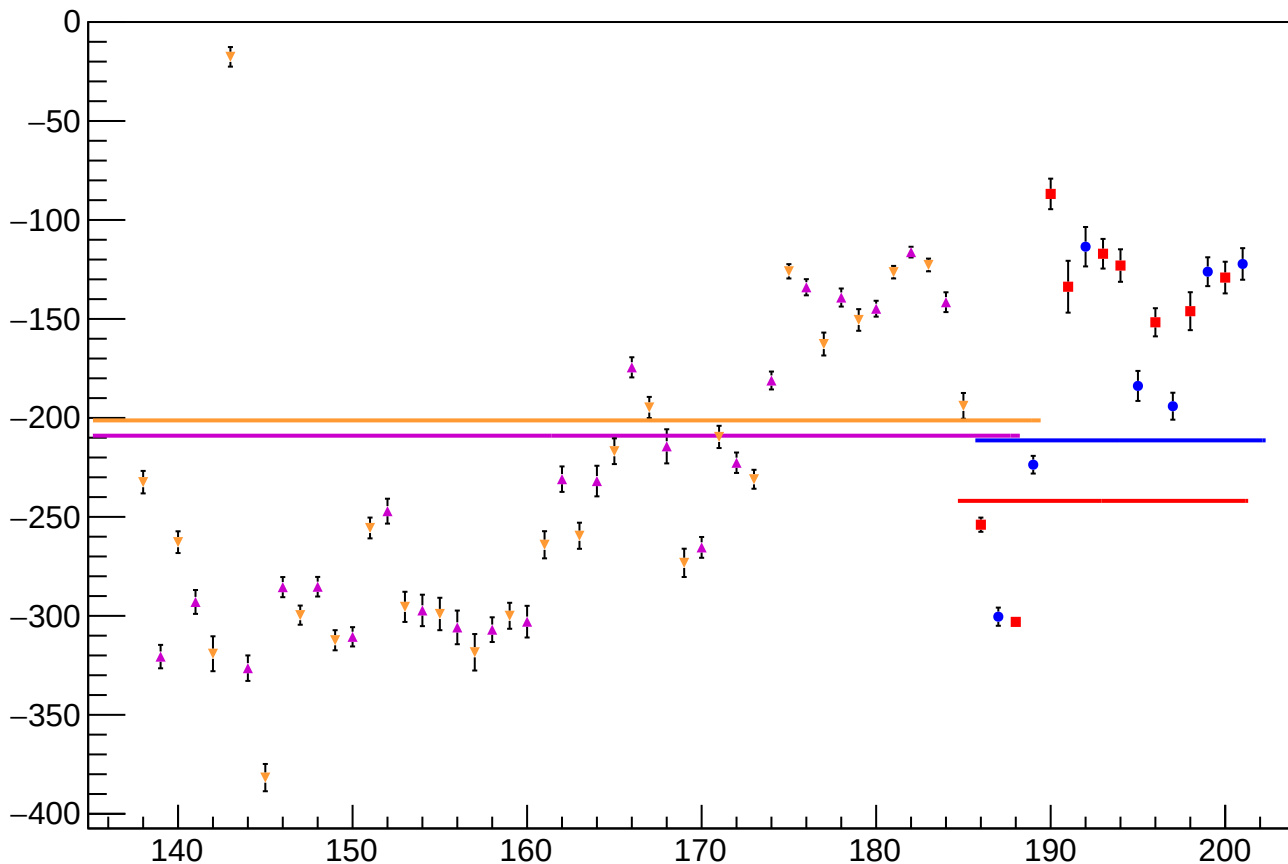
Left In: -261.325 ± 0.082 $\chi^2/\text{NDF}: 23449.2/22$

+ sign -260.145 ± 0.071 $\chi^2/\text{NDF}: 236833.6/48$

All: -254.093 ± 0.049 $\chi^2/\text{NDF}: 810922.1/98$

- sign -248.401 ± 0.069 $\chi^2/\text{NDF}: 559938.5/49$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -211.348 ± 2.350 χ^2/NDF : 761.4/6

Left Out: -201.261 ± 1.065 χ^2/NDF : 6110.1/24

Right Out: -241.908 ± 1.673 χ^2/NDF : 2095.8/8

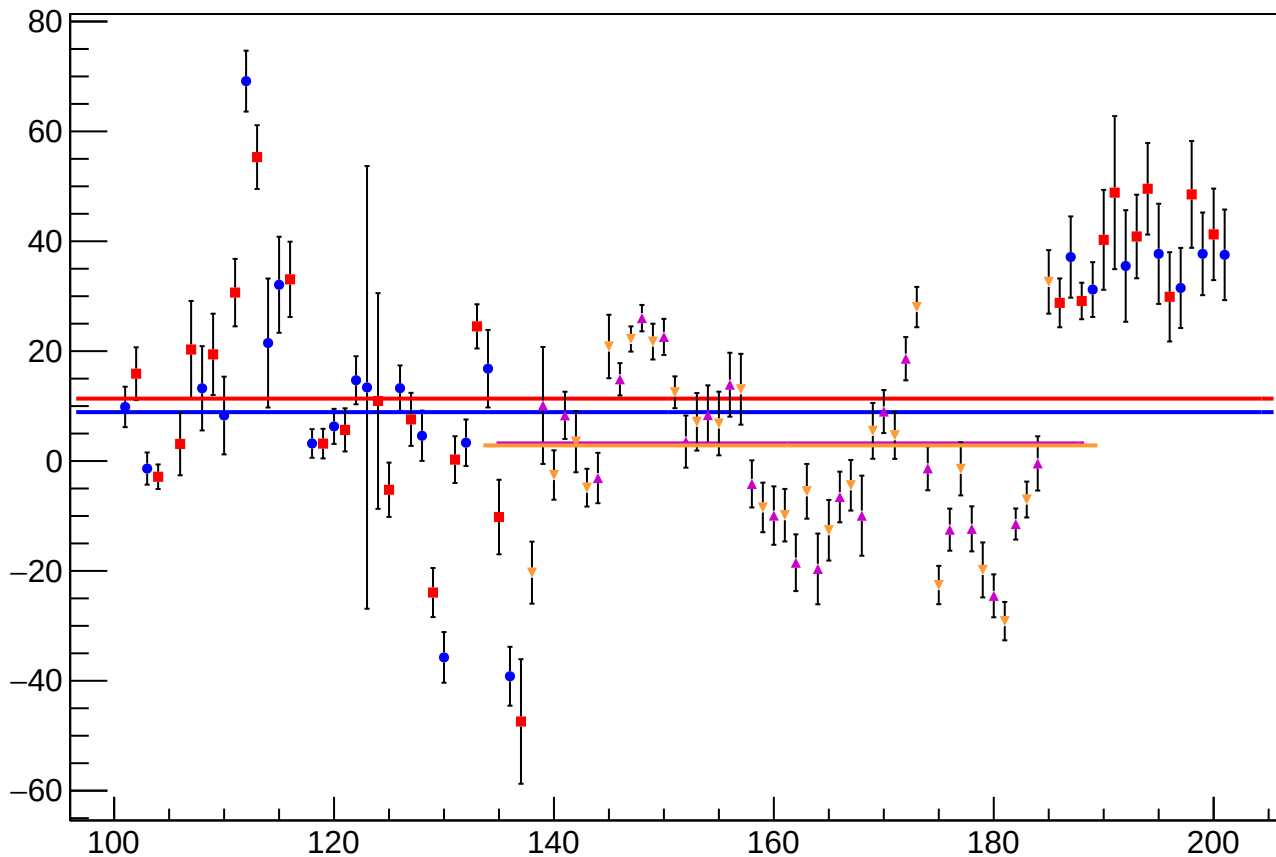
Left In: -208.981 ± 1.078 χ^2/NDF : 4865.2/22

+ sign -202.981 ± 0.970 χ^2/NDF : 6886.7/31

All: -211.345 ± 0.662 χ^2/NDF : 14260.5/63

- sign -218.641 ± 0.906 χ^2/NDF : 7234.7/31

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 8.898 ± 1.013 χ^2/NDF : 413.3/23

Left Out: 2.841 ± 0.824 χ^2/NDF : 420.6/24

Right Out: 11.363 ± 0.954 χ^2/NDF : 393.2/26

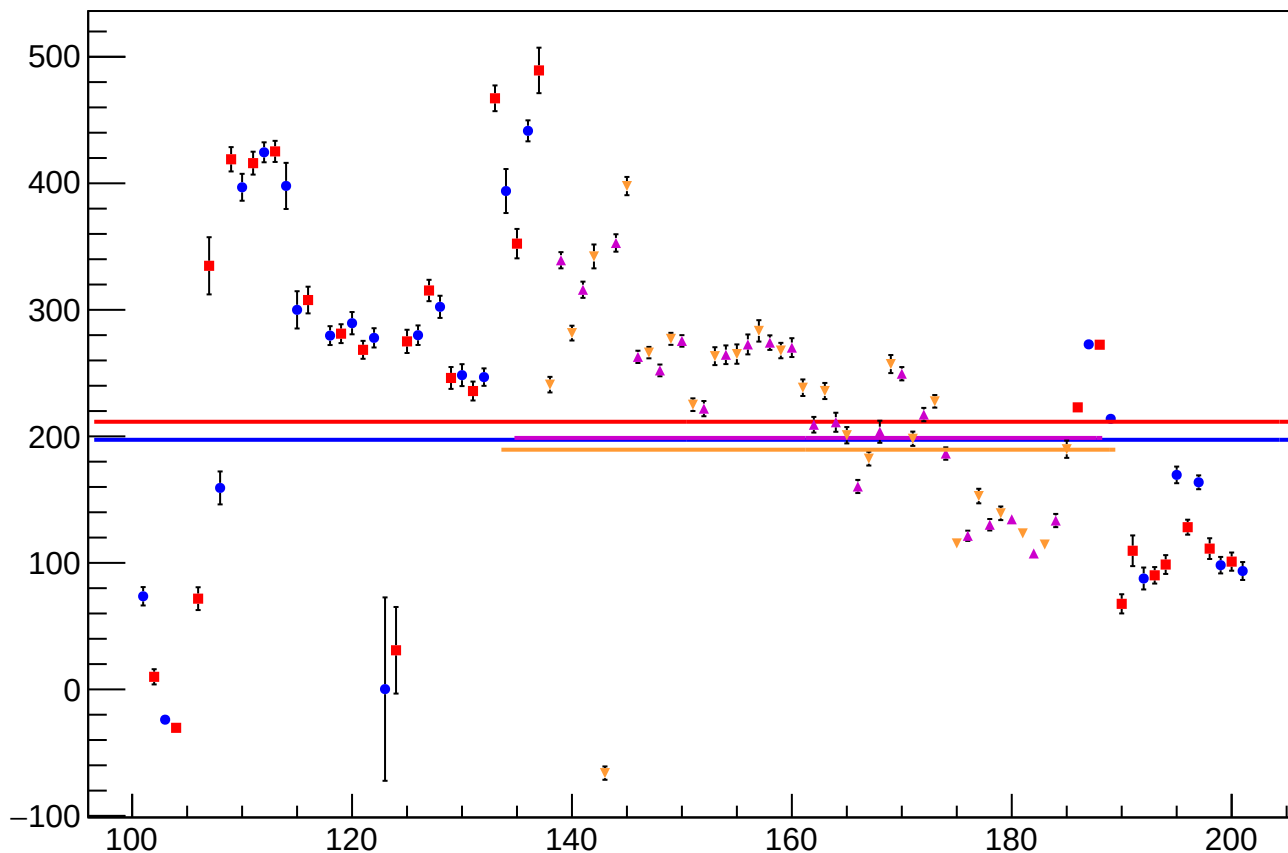
Left In: 3.208 ± 0.854 χ^2/NDF : 323.8/22

+ sign 5.253 ± 0.639 χ^2/NDF : 855.4/48

All: 6.049 ± 0.451 χ^2/NDF : 1616.1/98

- sign 6.838 ± 0.636 χ^2/NDF : 757.6/49

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 197.285 $\pm$ 1.399 χ^2 /NDF: 7839.4/23

Left Out: 189.453 $\pm$ 1.070 χ^2 /NDF:6649.7/24

Right Out: 211.543 $\pm$ 1.123 χ^2 /NDF: 10866.1/26

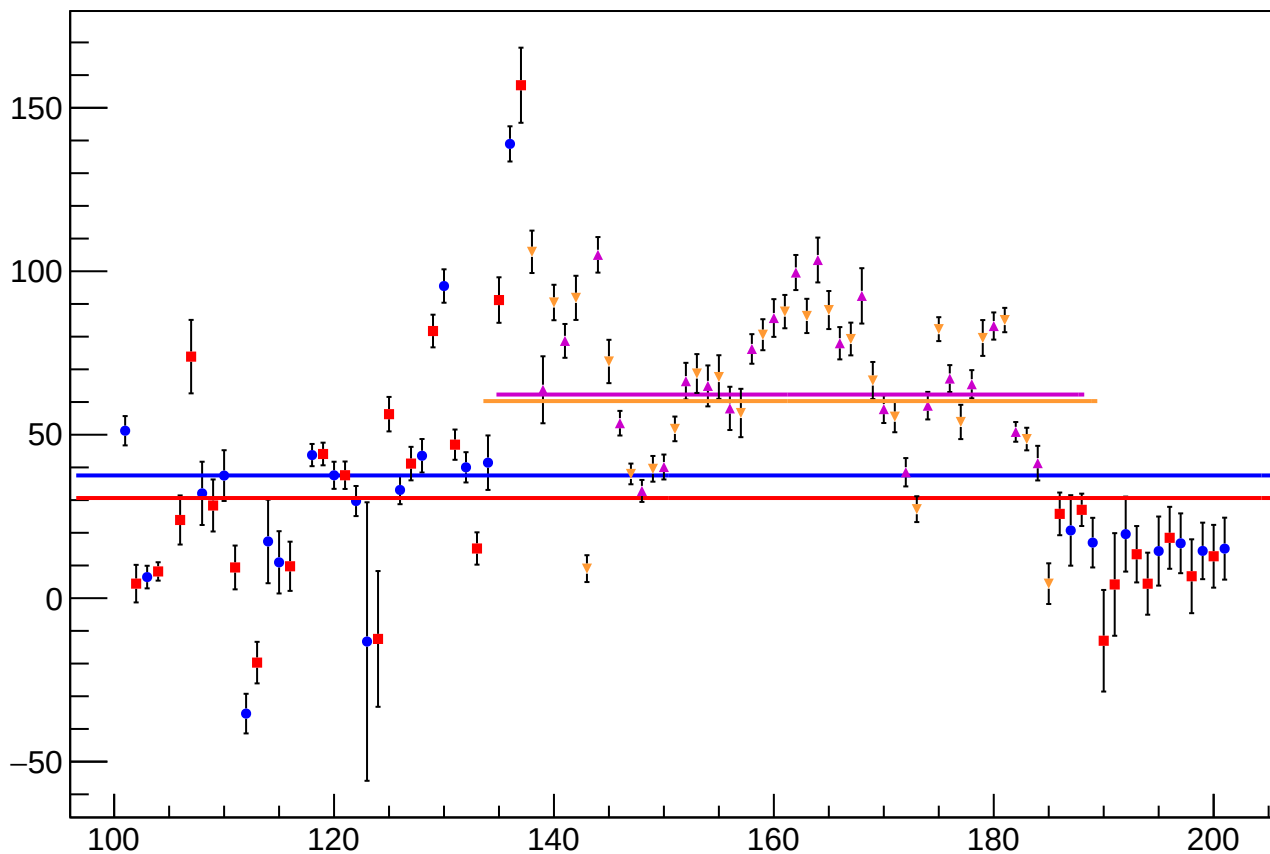
Left In: 198.762 $\pm$ 1.078 χ^2 /NDF:4590.0/22

+ sign 192.342 $\pm$ 0.850 χ^2 /NDF: 14508.8/48

All: 199.170 $\pm$ 0.574 χ^2 /NDF: 30151.0/98

- sign 204.889 $\pm$ 0.778 χ^2 /NDF: 15523.6/49

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 37.543 ± 1.194 $\chi^2/\text{NDF}: 774.2/23$

Left Out: 60.287 ± 0.945 $\chi^2/\text{NDF}: 714.8/24$

Right Out: 30.637 ± 1.145 $\chi^2/\text{NDF}: 587.2/26$

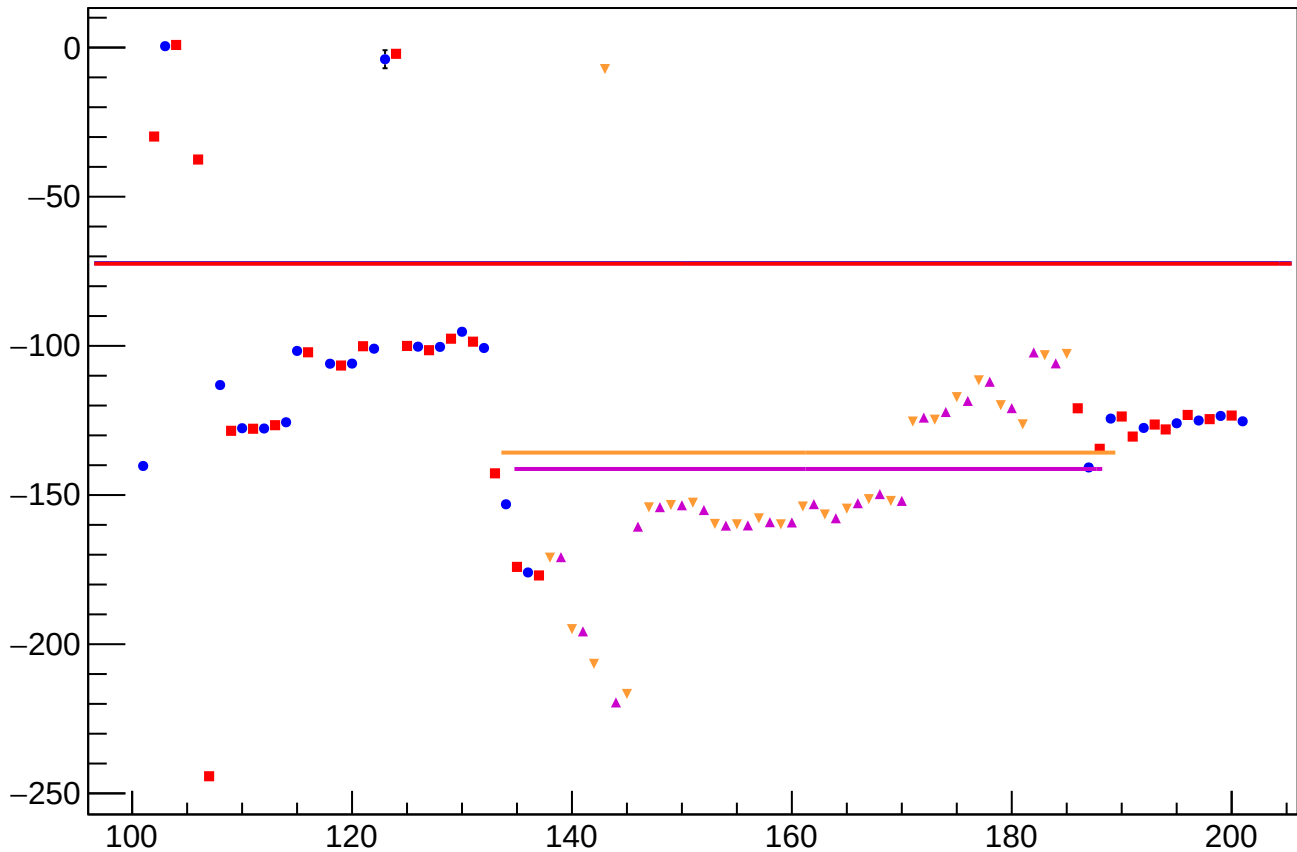
Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

+ sign 51.527 ± 0.741 $\chi^2/\text{NDF}: 1712.1/48$

All: 50.288 ± 0.524 $\chi^2/\text{NDF}: 3160.8/98$

- sign 49.049 ± 0.741 $\chi^2/\text{NDF}: 1443.1/49$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -72.287 ± 0.055 $\chi^2/\text{NDF}: 1357807.6/23$

Left Out: -135.775 ± 0.045 $\chi^2/\text{NDF}: 742021.1/24$

Right Out: -72.452 ± 0.052 $\chi^2/\text{NDF}: 1352783.1/26$

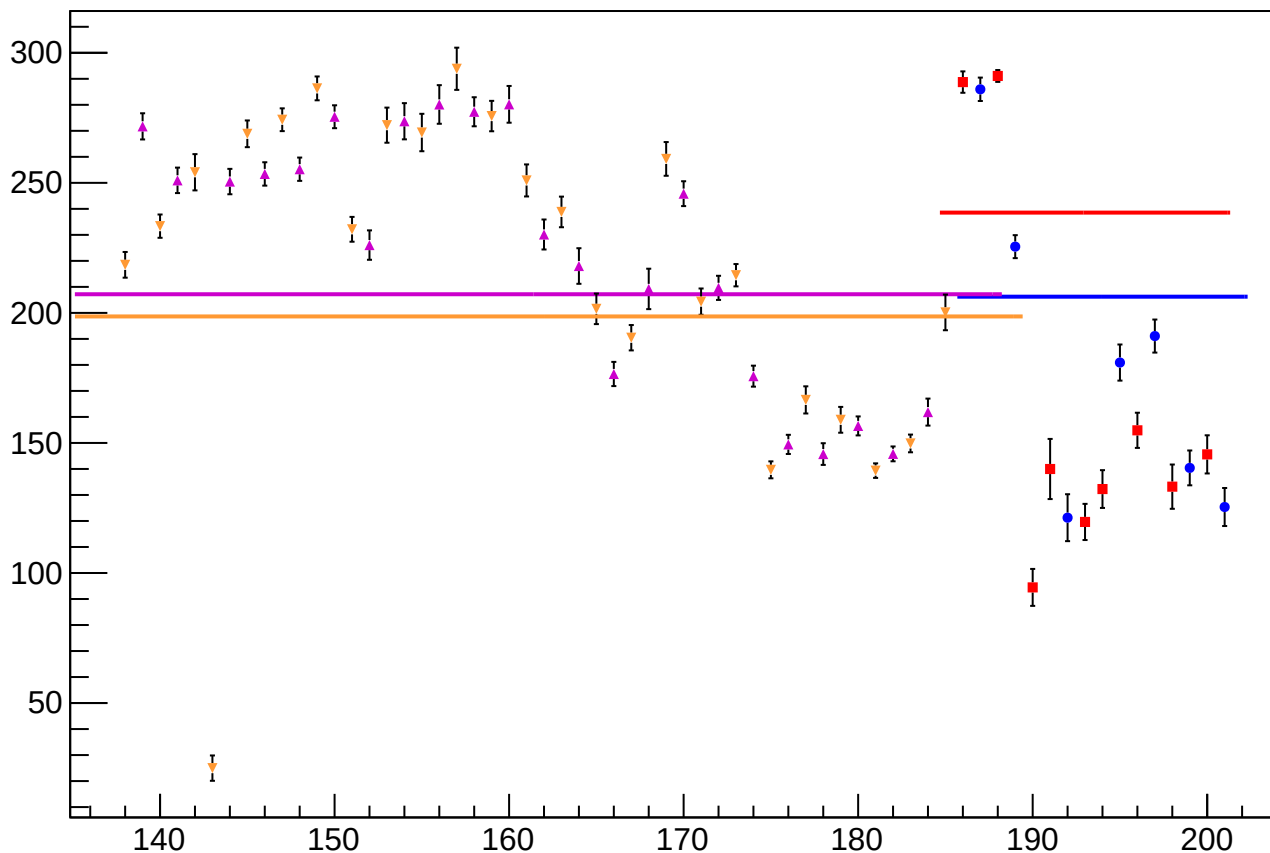
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -110.400 ± 0.035 $\chi^2/\text{NDF}: 2907102.7/48$

All: -111.182 ± 0.024 $\chi^2/\text{NDF}: 5602317.3/98$

- sign -111.945 ± 0.034 $\chi^2/\text{NDF}: 2694206.5/49$

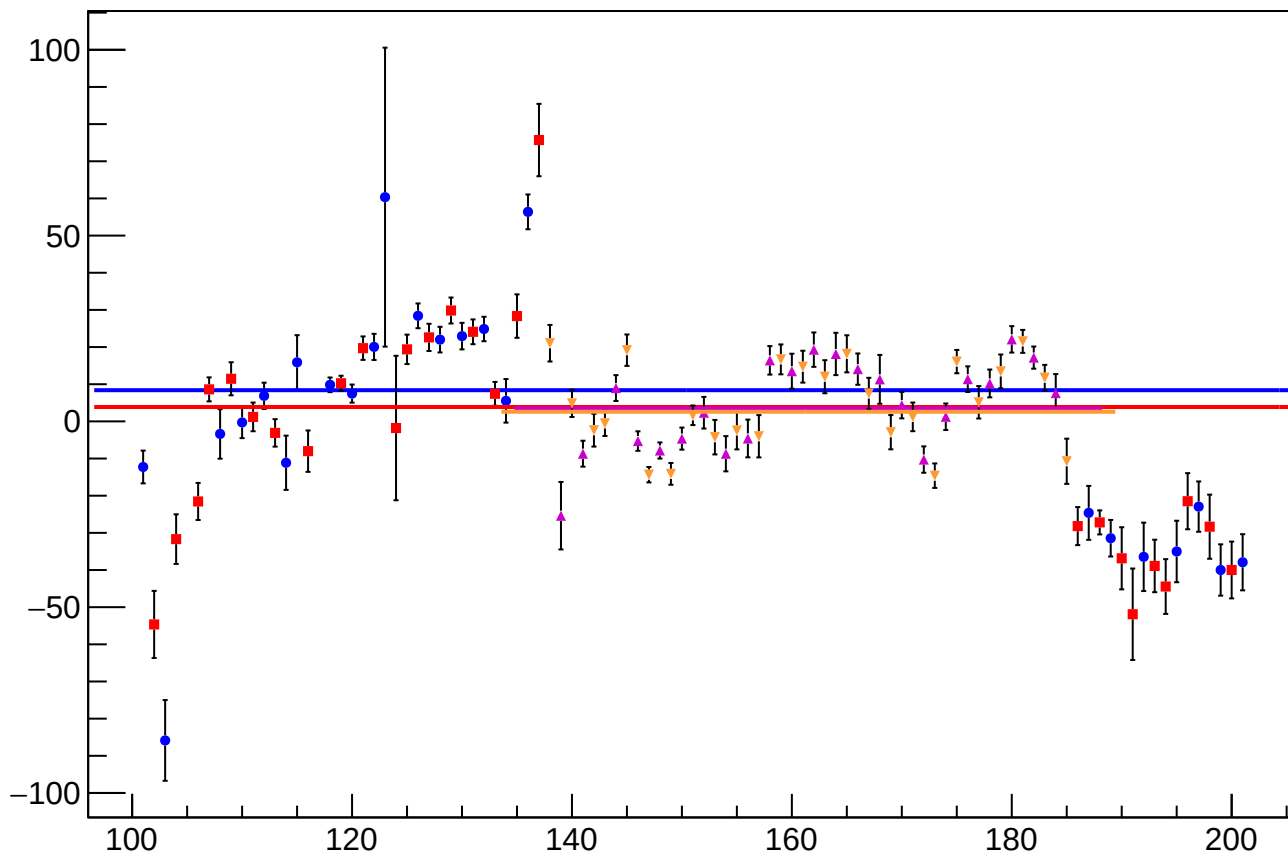
reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 206.236 ± 2.239 $\chi^2/\text{NDF}: 659.8/6$
 Left Out: 198.637 ± 0.966 $\chi^2/\text{NDF}: 4146.6/24$
 Right Out: 238.562 ± 1.638 $\chi^2/\text{NDF}: 2138.7/8$
 Left In: 207.171 ± 0.986 $\chi^2/\text{NDF}: 2631.6/22$

+ sign 199.830 ± 0.887 $\chi^2/\text{NDF}: 4816.1/31$
 All: 208.061 ± 0.612 $\chi^2/\text{NDF}: 10020.2/63$
 - sign 215.524 ± 0.845 $\chi^2/\text{NDF}: 5039.9/31$

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 8.395 ± 0.867 χ^2/NDF : 570.8/23

Left Out: 2.595 ± 0.744 χ^2/NDF : 274.3/24

Right Out: 3.871 ± 0.836 χ^2/NDF : 665.4/26

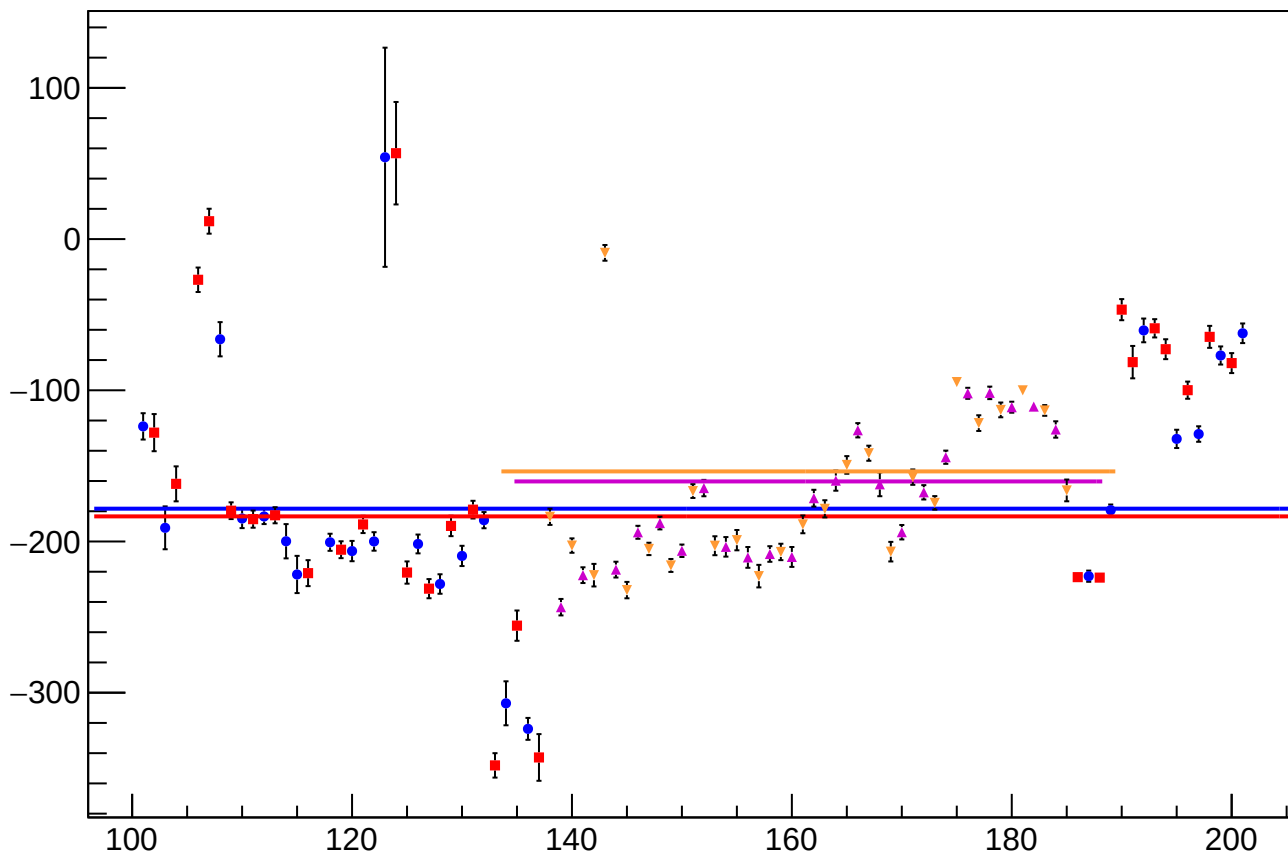
Left In: 3.478 ± 0.772 χ^2/NDF : 194.7/22

+ sign 5.054 ± 0.565 χ^2/NDF : 870.9/48

All: 4.359 ± 0.400 χ^2/NDF : 1734.1/98

- sign 3.659 ± 0.567 χ^2/NDF : 860.2/49

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -178.299 ± 1.298 χ^2/NDF : 1919.8/23

Left Out: -153.649 ± 0.970 χ^2/NDF : 2930.9/24

Right Out: -183.396 ± 1.062 χ^2/NDF : 4238.0/26

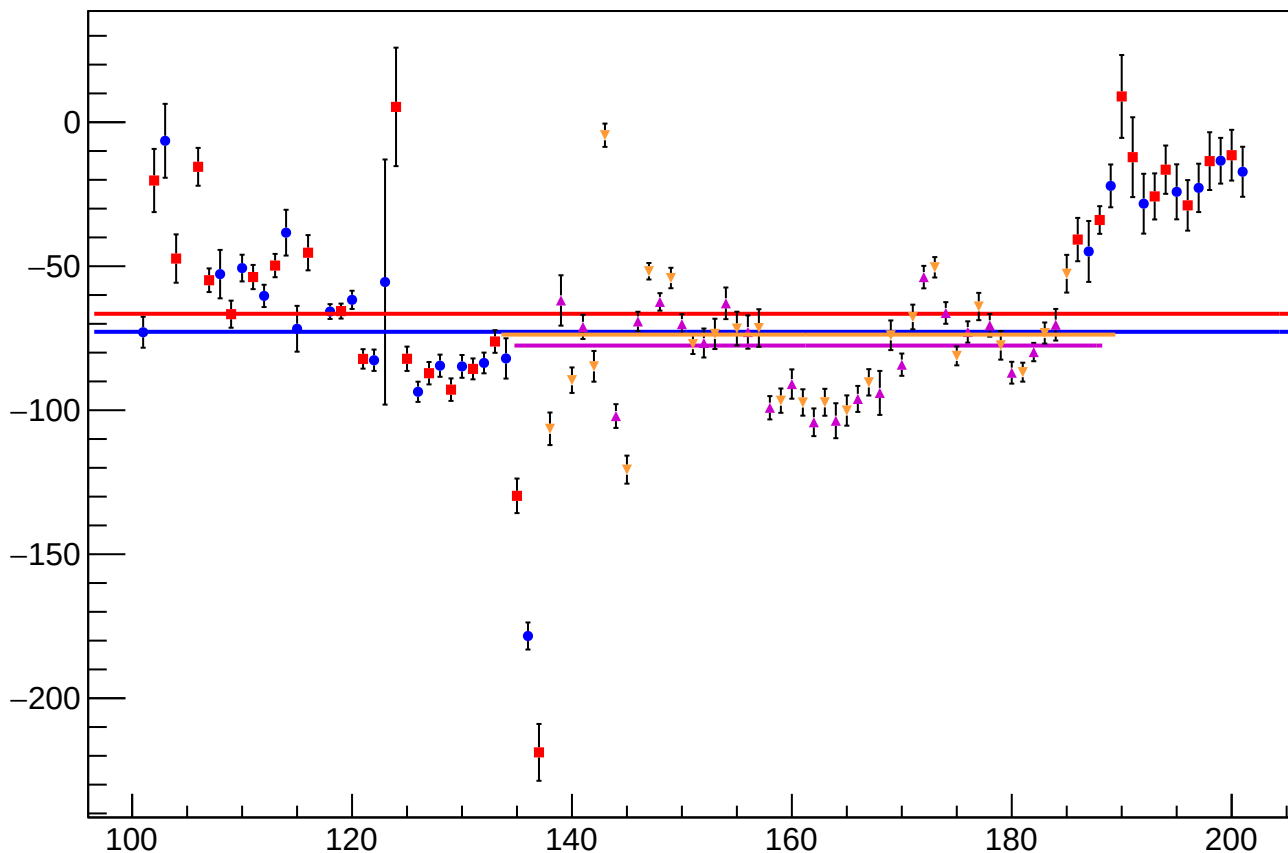
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ sign -162.476 ± 0.777 χ^2/NDF : 5082.0/48

All: -167.029 ± 0.529 χ^2/NDF : 11688.1/98

- sign -170.964 ± 0.722 χ^2/NDF : 6542.1/49

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -72.770 $\pm$ 1.015 χ^2/NDF : 911.0/23

Left Out: -73.741 $\pm$ 0.855 χ^2/NDF : 728.3/24

Right Out: -66.511 $\pm$ 0.983 χ^2/NDF : 881.4/26

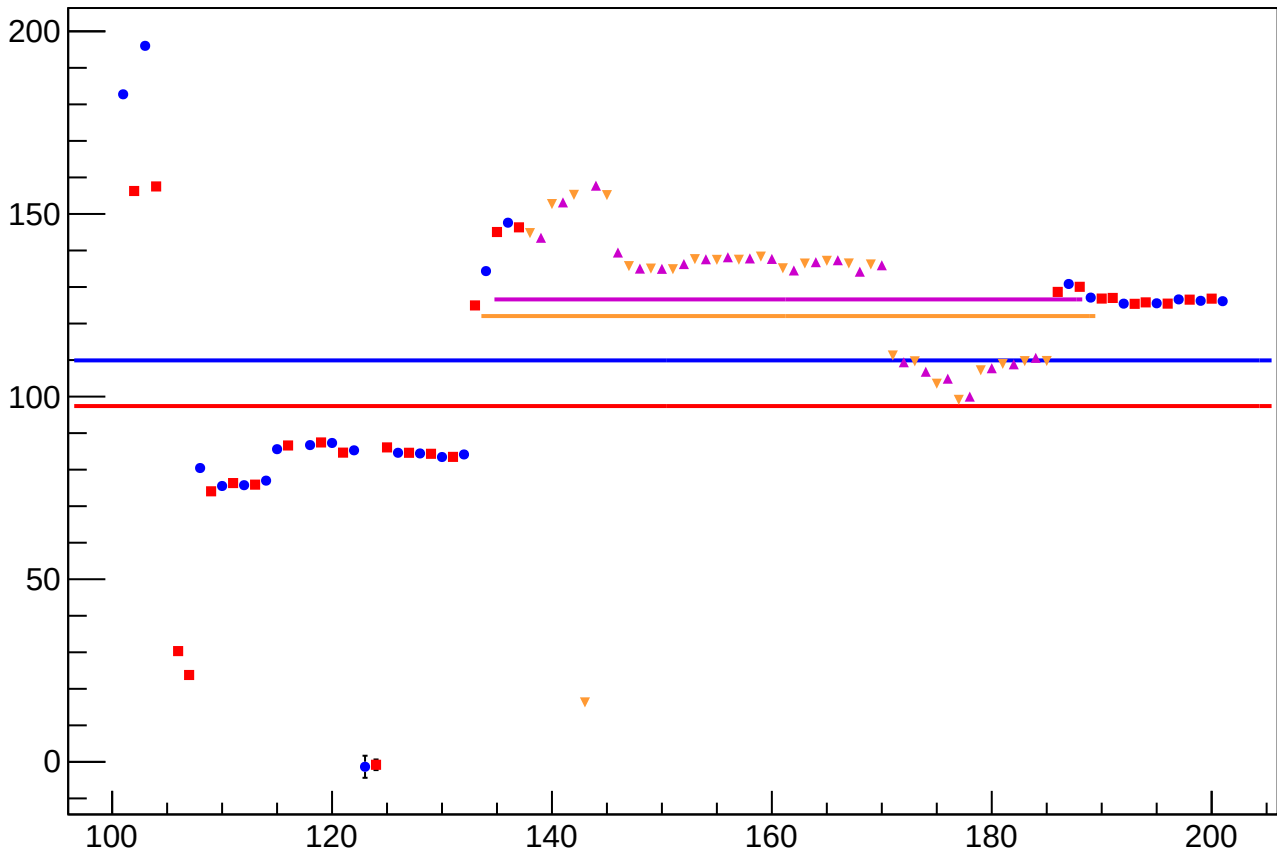
Left In: -77.545 $\pm$ 0.880 χ^2/NDF : 252.7/22

+ sign -73.338 $\pm$ 0.654 χ^2/NDF : 1639.9/48

All: -72.987 $\pm$ 0.463 χ^2/NDF : 2844.6/98

- sign -72.634 $\pm$ 0.656 χ^2/NDF : 1204.1/49

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 109.911 $\pm$ 0.059 χ^2 /NDF: 305128.5/23

Left Out: 122.046 $\pm$ 0.040 χ^2 /NDF: 437985.3/24

Right Out: 97.410 $\pm$ 0.053 χ^2 /NDF: 544682.5/26

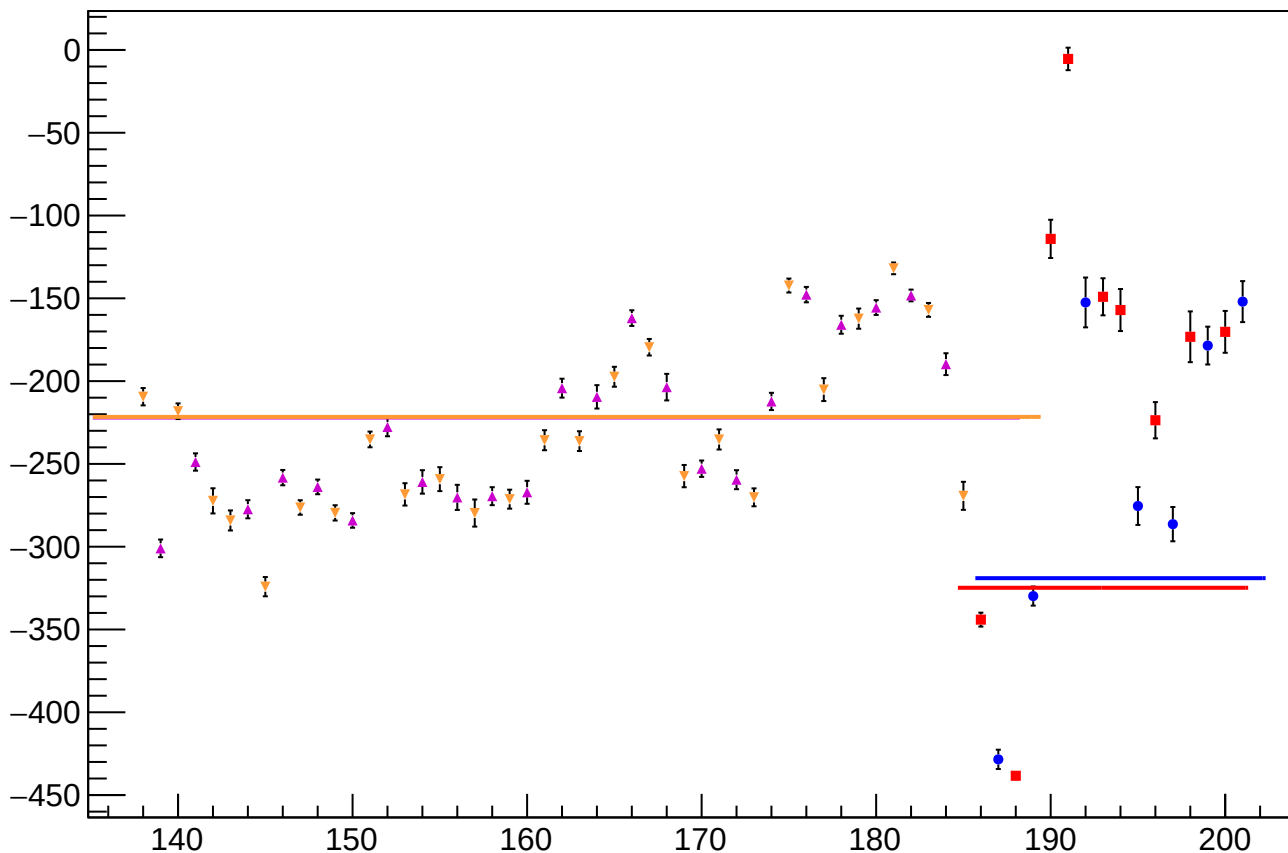
Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

+ sign 118.191 $\pm$ 0.033 χ^2 /NDF: 771737.0/48

All: 116.960 $\pm$ 0.023 χ^2 /NDF: 1672499.3/98

- sign 115.799 $\pm$ 0.032 χ^2 /NDF: 898124.5/49

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -319.007 ± 3.243 χ^2/NDF : 836.0/6

Left Out: -221.606 ± 1.087 χ^2/NDF : 2565.8/24

Right Out: -324.802 ± 2.098 χ^2/NDF : 4713.6/8

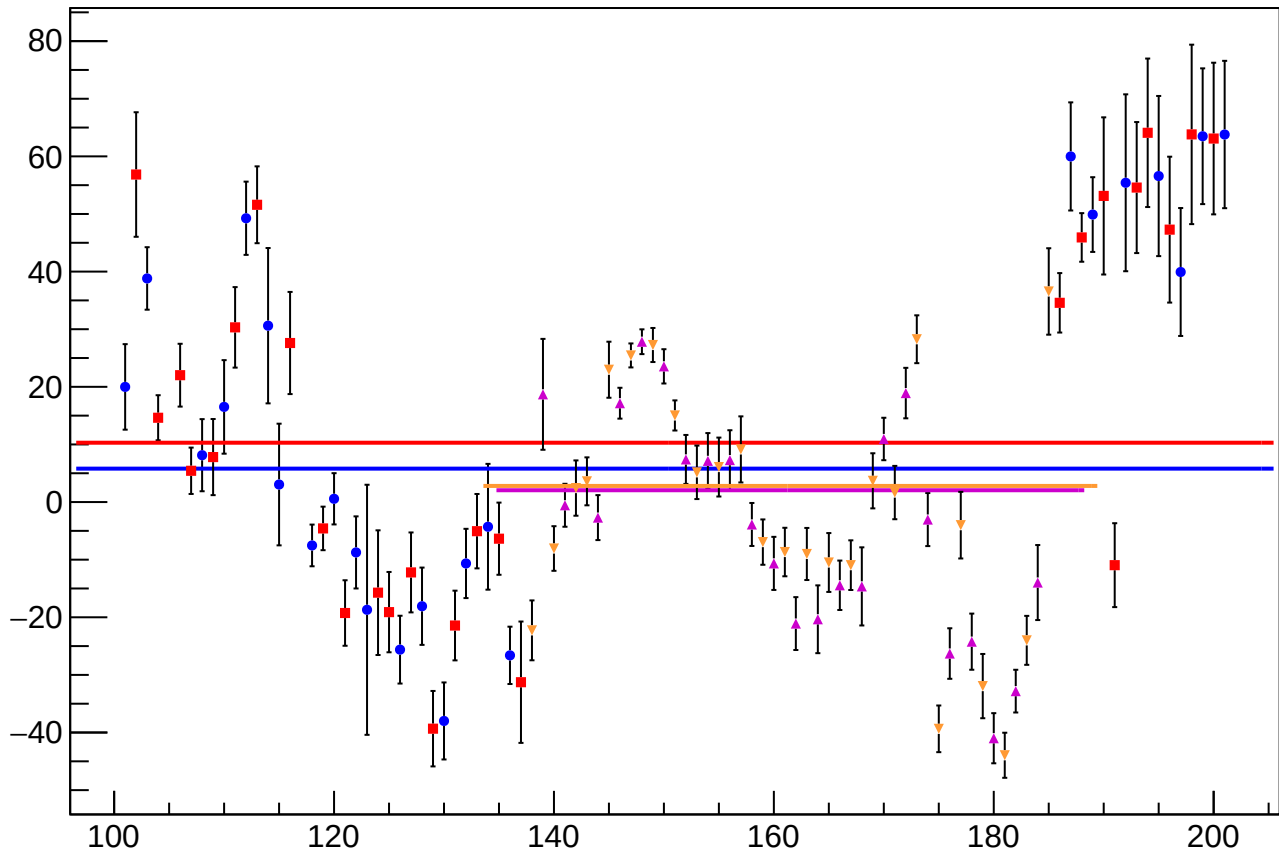
Left In: -221.980 ± 1.098 χ^2/NDF : 2190.6/22

+ sign -231.446 ± 1.031 χ^2/NDF : 4212.6/31

All: -238.134 ± 0.708 χ^2/NDF : 13081.6/63

- sign -244.090 ± 0.973 χ^2/NDF : 8789.5/31

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 5.801 ± 1.410 χ^2/NDF : 406.7/23

Left Out: 2.800 ± 0.810 χ^2/NDF : 685.5/24

Right Out: 10.300 ± 1.235 χ^2/NDF : 447.3/26

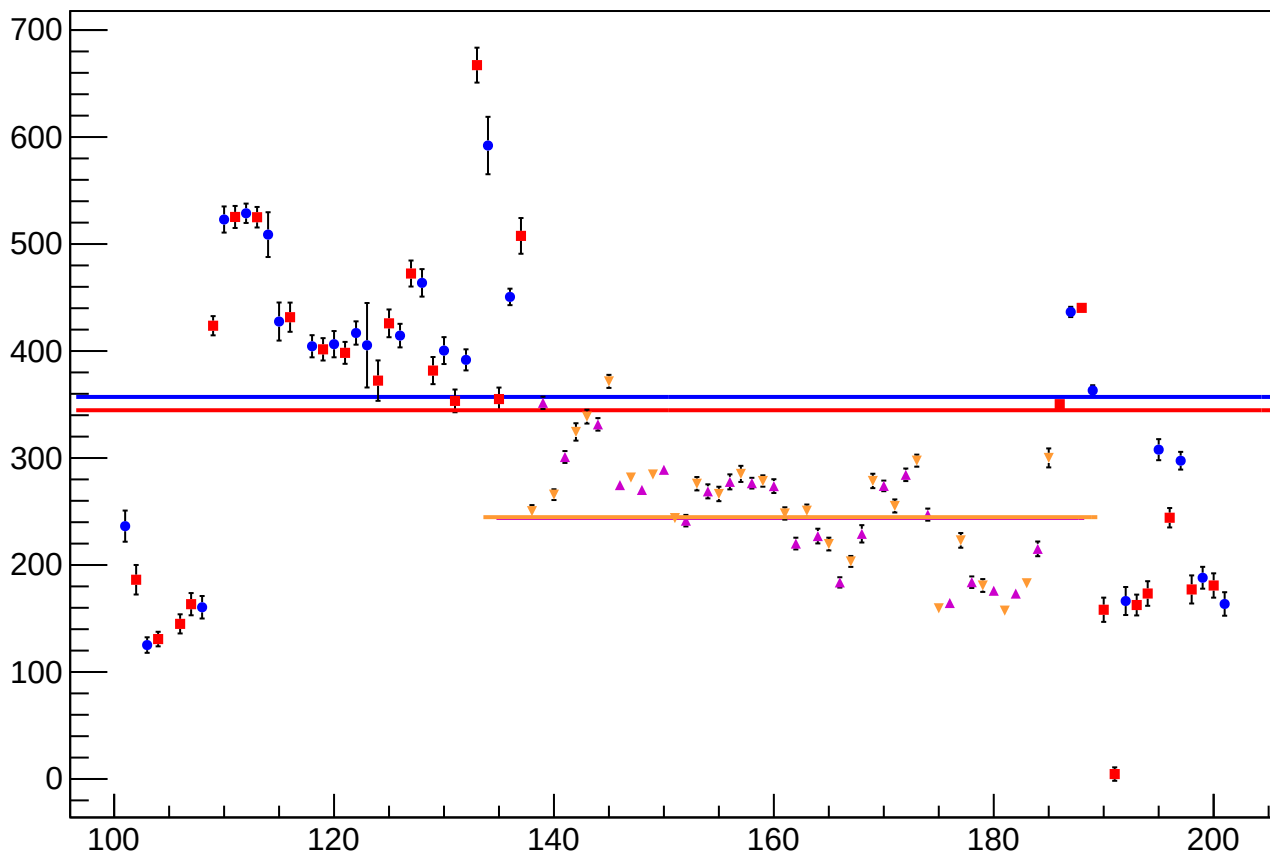
Left In: 2.050 ± 0.833 χ^2/NDF : 592.6/22

+ sign 3.543 ± 0.702 χ^2/NDF : 1095.6/48

All: 4.096 ± 0.492 χ^2/NDF : 2167.4/98

- sign 4.631 ± 0.691 χ^2/NDF : 1070.5/49

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 357.086 $\pm$ 1.938 χ^2 /NDF: 3613.1/23

Left Out: 244.716 $\pm$ 1.085 χ^2 /NDF:2565.7/24

Right Out: 344.651 $\pm$ 1.435 χ^2 /NDF: 9200.4/26

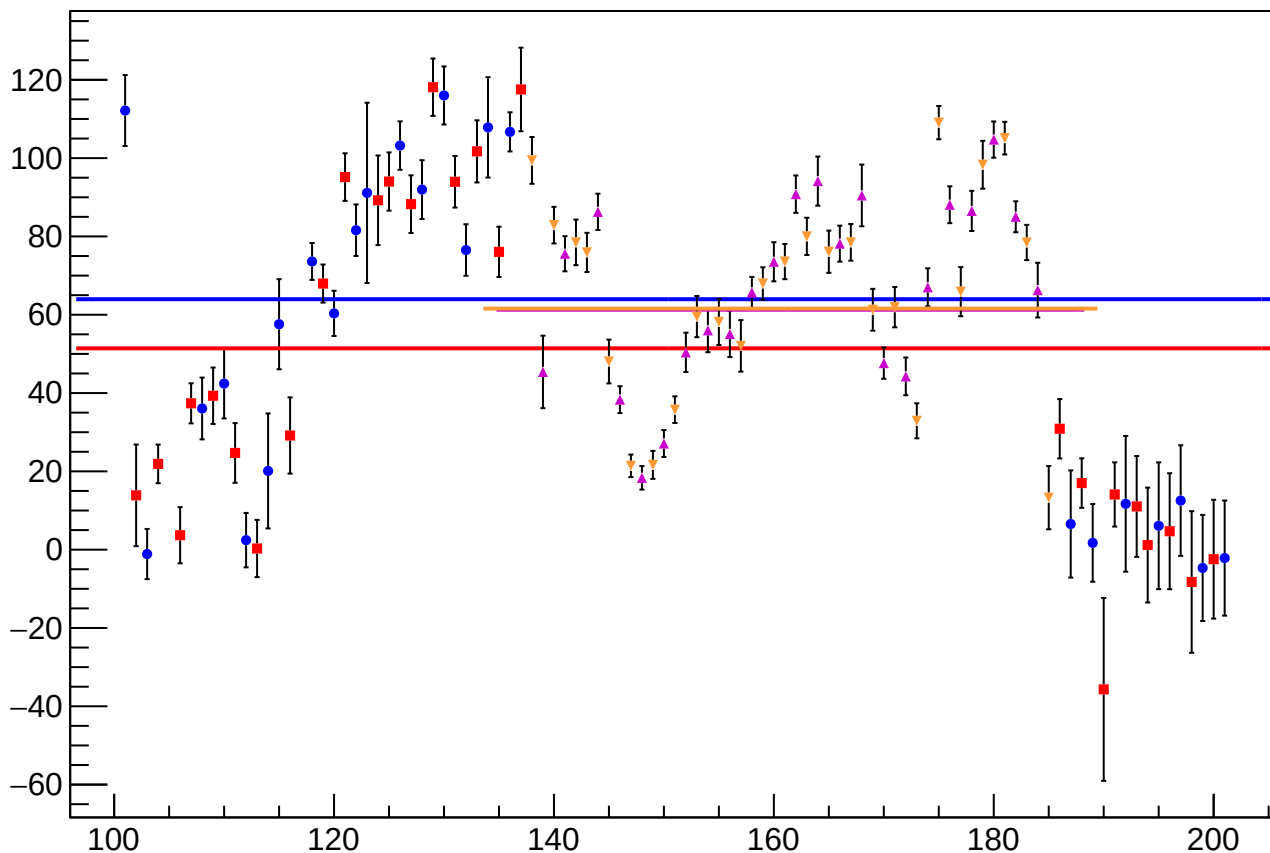
Left In: 243.933 $\pm$ 1.090 χ^2 /NDF:2294.8/22

+ sign 271.512 $\pm$ 0.946 χ^2 /NDF: 8738.9/48

All: 276.548 $\pm$ 0.640 χ^2 /NDF: 23409.8/98

- sign 280.784 $\pm$ 0.868 χ^2 /NDF: 14618.8/49

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 63.968 ± 1.651 $\chi^2/\text{NDF}: 580.6/23$

Left Out: 61.575 ± 0.939 $\chi^2/\text{NDF}: 870.3/24$

Right Out: 51.418 ± 1.480 $\chi^2/\text{NDF}: 642.0/26$

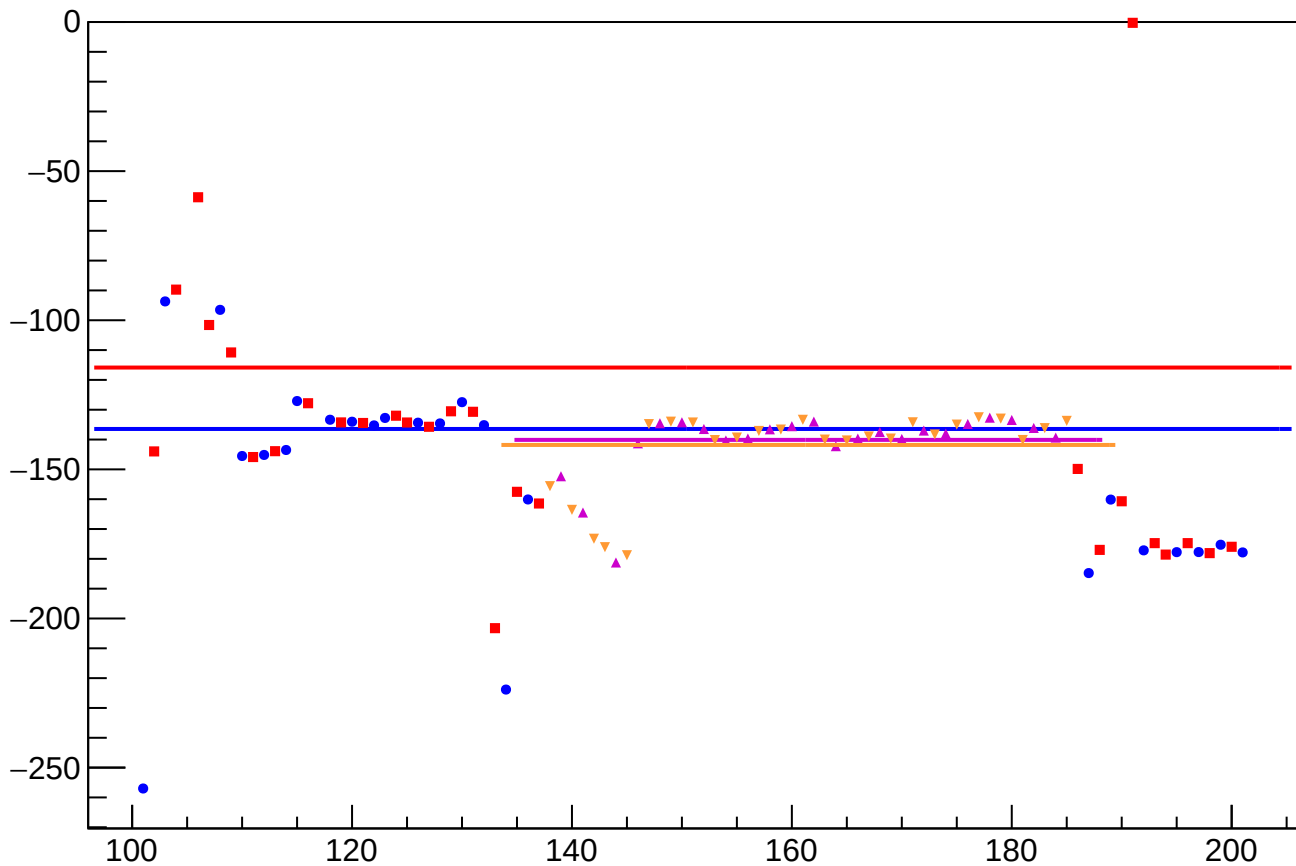
Left In: 61.286 ± 0.959 $\chi^2/\text{NDF}: 702.8/22$

+ sign 62.160 ± 0.816 $\chi^2/\text{NDF}: 1452.5/48$

All: 60.238 ± 0.573 $\chi^2/\text{NDF}: 2839.5/98$

- sign 58.370 ± 0.805 $\chi^2/\text{NDF}: 1376.1/49$

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -136.452 ± 0.080 $\chi^2/\text{NDF}: 224058.1/23$

Left Out: -141.811 ± 0.045 $\chi^2/\text{NDF}: 77727.6/24$

Right Out: -115.858 ± 0.070 $\chi^2/\text{NDF}: 558316.2/26$

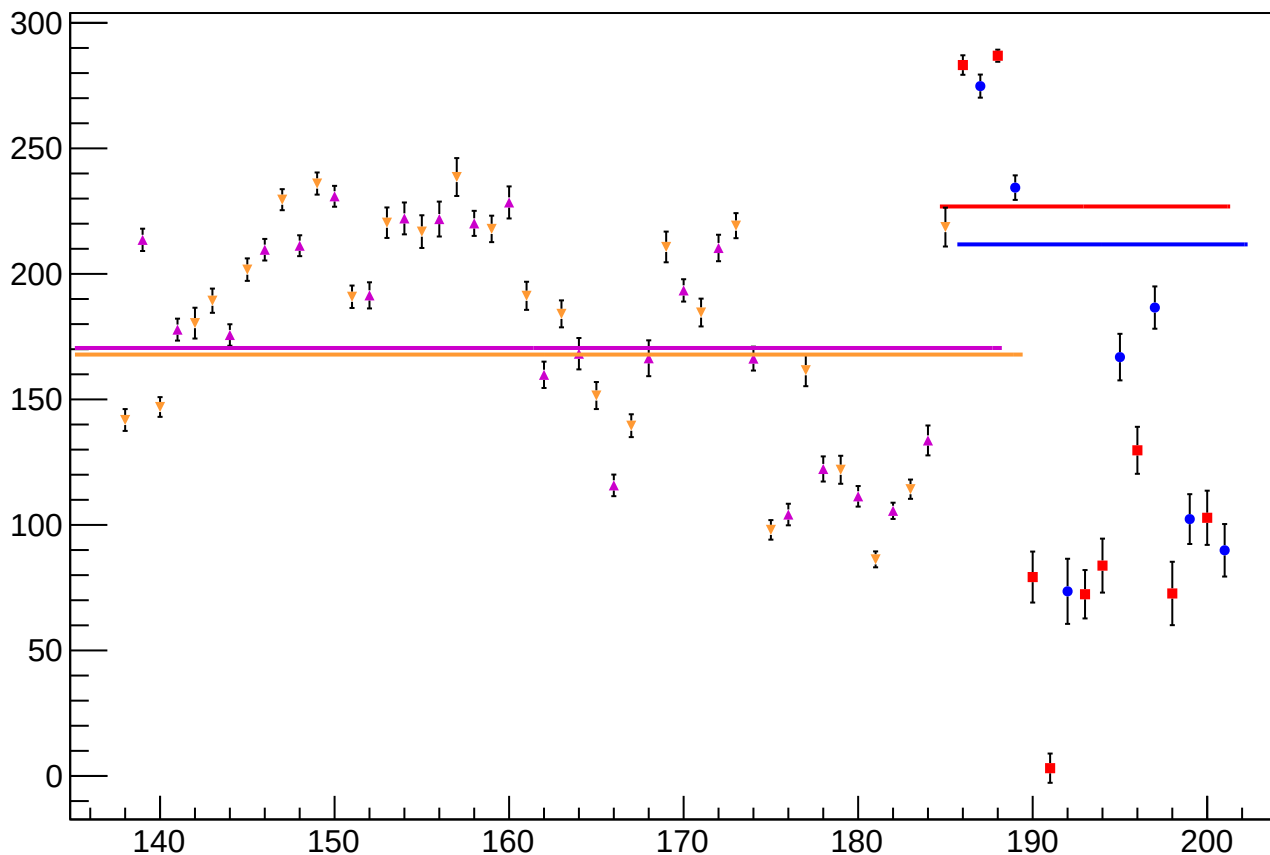
Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

+ sign -140.535 ± 0.039 $\chi^2/\text{NDF}: 305190.1/48$

All: -136.658 ± 0.027 $\chi^2/\text{NDF}: 1016119.9/98$

- sign -133.049 ± 0.038 $\chi^2/\text{NDF}: 691957.0/49$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 211.751 ± 2.672 χ^2/NDF : 612.4/6

Left Out: 167.868 ± 0.973 χ^2/NDF : 2465.4/24

Right Out: 226.856 ± 1.759 χ^2/NDF : 3340.6/8

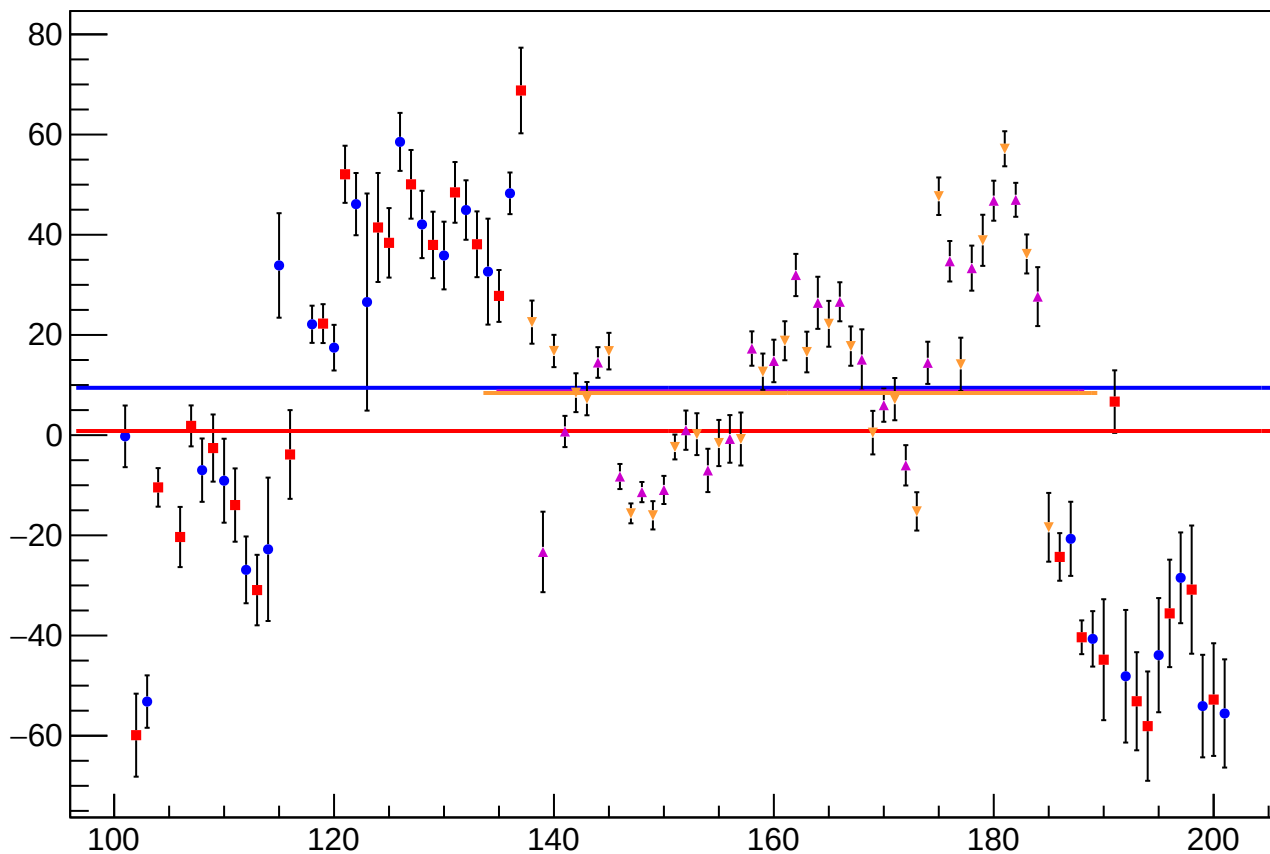
Left In: 170.487 ± 0.991 χ^2/NDF : 2036.5/22

+ sign 173.009 ± 0.915 χ^2/NDF : 3315.9/31

All: 178.858 ± 0.628 χ^2/NDF : 9549.7/63

- sign 184.072 ± 0.864 χ^2/NDF : 6156.5/31

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 9.448 ± 1.347 $\chi^2/\text{NDF}: 718.2/23$

Left Out: 8.415 ± 0.731 $\chi^2/\text{NDF}: 750.6/24$

Right Out: 0.828 ± 1.177 $\chi^2/\text{NDF}: 813.8/26$

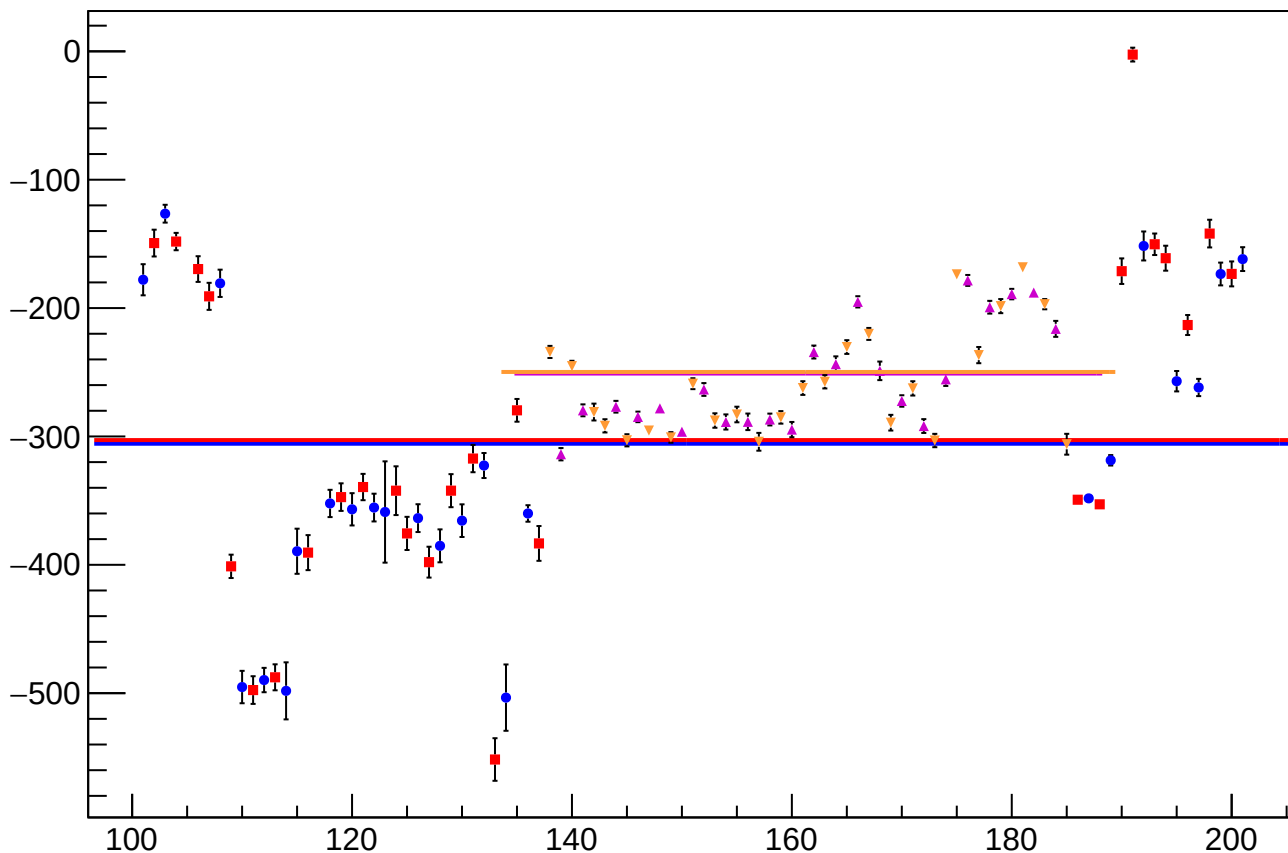
Left In: 8.730 ± 0.757 $\chi^2/\text{NDF}: 630.1/22$

+ sign 8.650 ± 0.642 $\chi^2/\text{NDF}: 1469.2/48$

All: 7.524 ± 0.452 $\chi^2/\text{NDF}: 2951.0/98$

- sign 6.419 ± 0.637 $\chi^2/\text{NDF}: 1475.7/49$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -305.672+/-1.712 χ^2/NDF : 2761.9/23

Left Out: -249.759+/-0.975 χ^2/NDF : 2232.5/24

Right Out: -302.836+/-1.257 χ^2/NDF : 7500.7/26

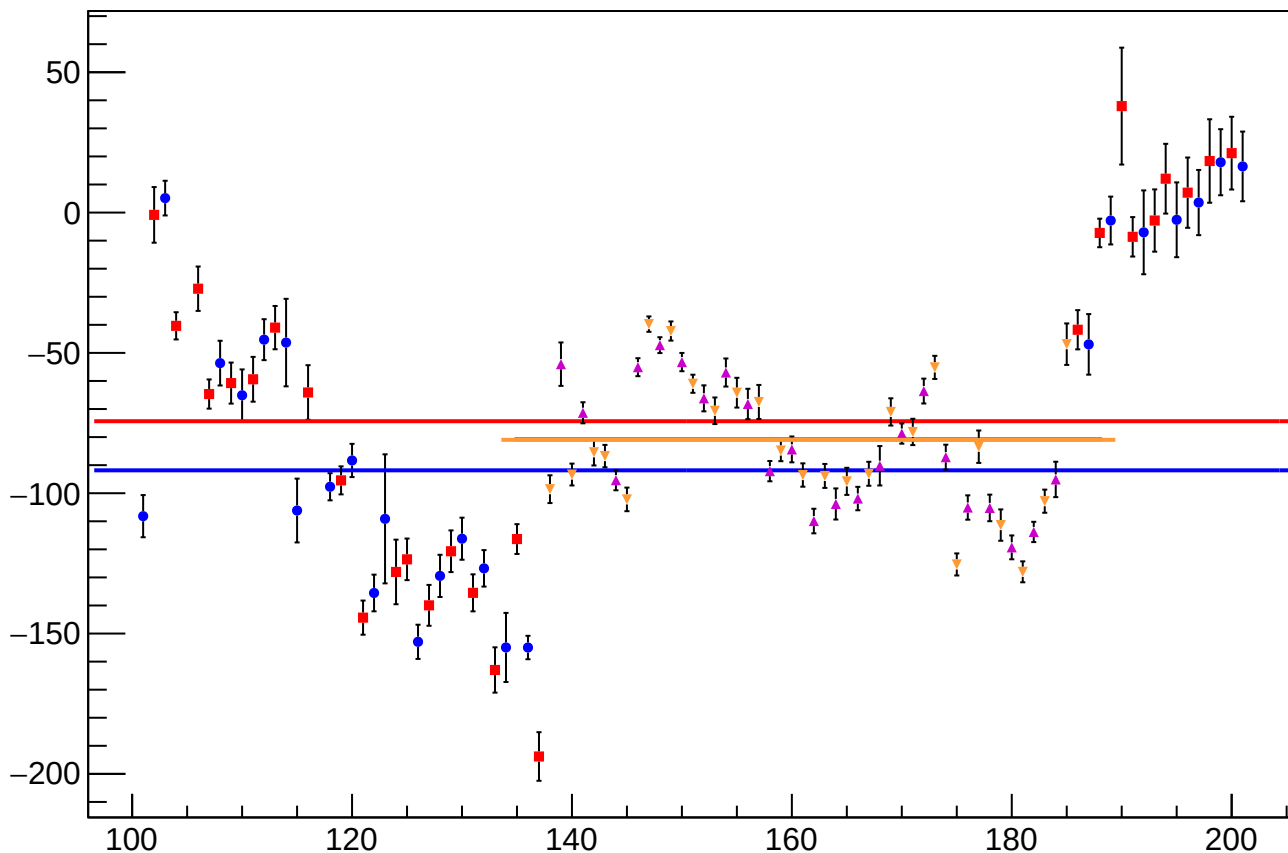
Left In: -251.002+/-0.987 χ^2/NDF : 1958.3/22

+ sign -263.458+/-0.847 χ^2/NDF : 5799.9/48

All: -267.429+/-0.572 χ^2/NDF : 16351.2/98

- sign -270.762+/-0.776 χ^2/NDF : 10510.9/49

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -91.844 ± 1.577 $\chi^2/\text{NDF}: 1234.8/23$

Left Out: -80.981 ± 0.846 $\chi^2/\text{NDF}: 911.2/24$

Right Out: -74.343 ± 1.418 $\chi^2/\text{NDF}: 1503.2/26$

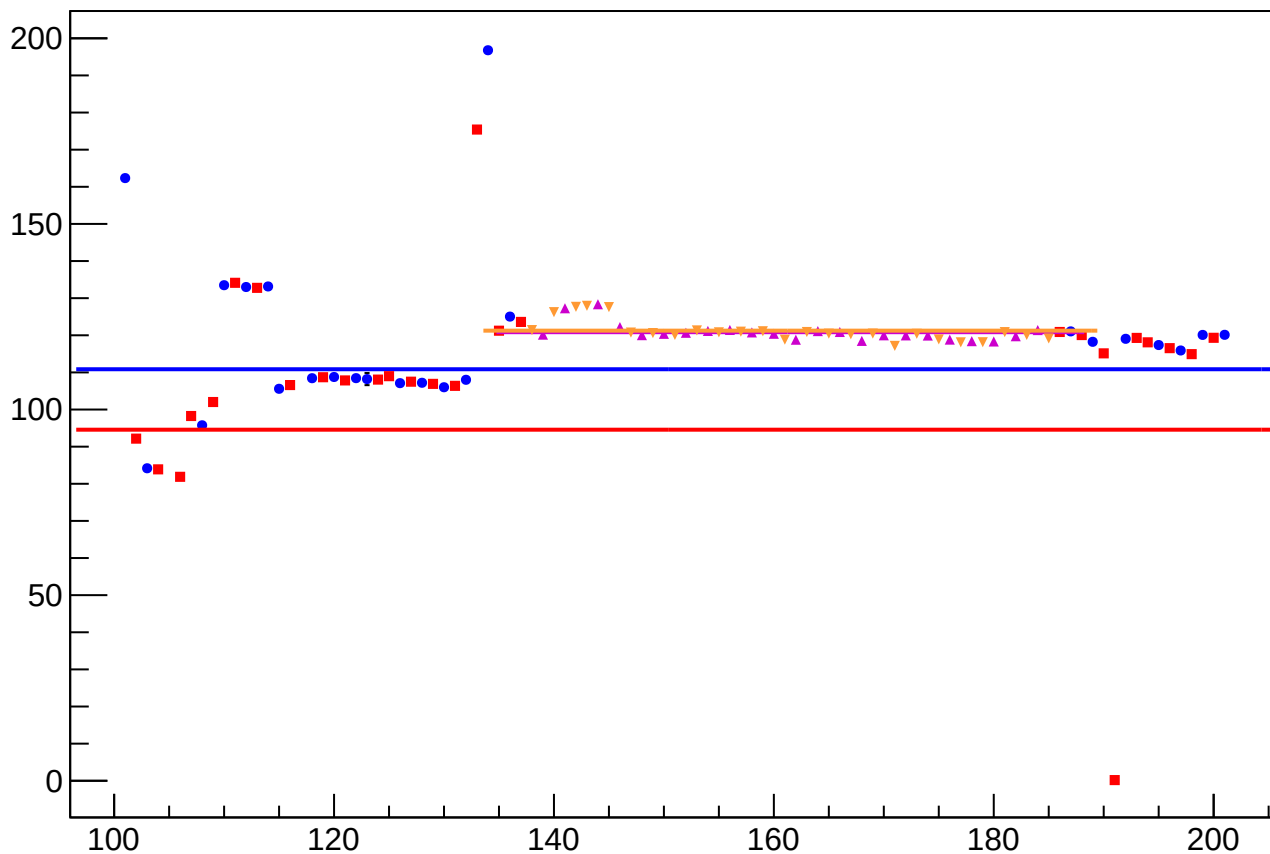
Left In: -80.803 ± 0.870 $\chi^2/\text{NDF}: 695.4/22$

+ sign -83.410 ± 0.746 $\chi^2/\text{NDF}: 2182.8/48$

All: -81.211 ± 0.526 $\chi^2/\text{NDF}: 4413.8/98$

- sign -79.037 ± 0.741 $\chi^2/\text{NDF}: 2213.7/49$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 110.854 $\pm$ 0.074 χ^2 /NDF: 76858.5/23

Left Out: 121.248 $\pm$ 0.040 χ^2 /NDF: 4820.1/24

Right Out: 94.570 $\pm$ 0.065 χ^2 /NDF: 335190.2/26

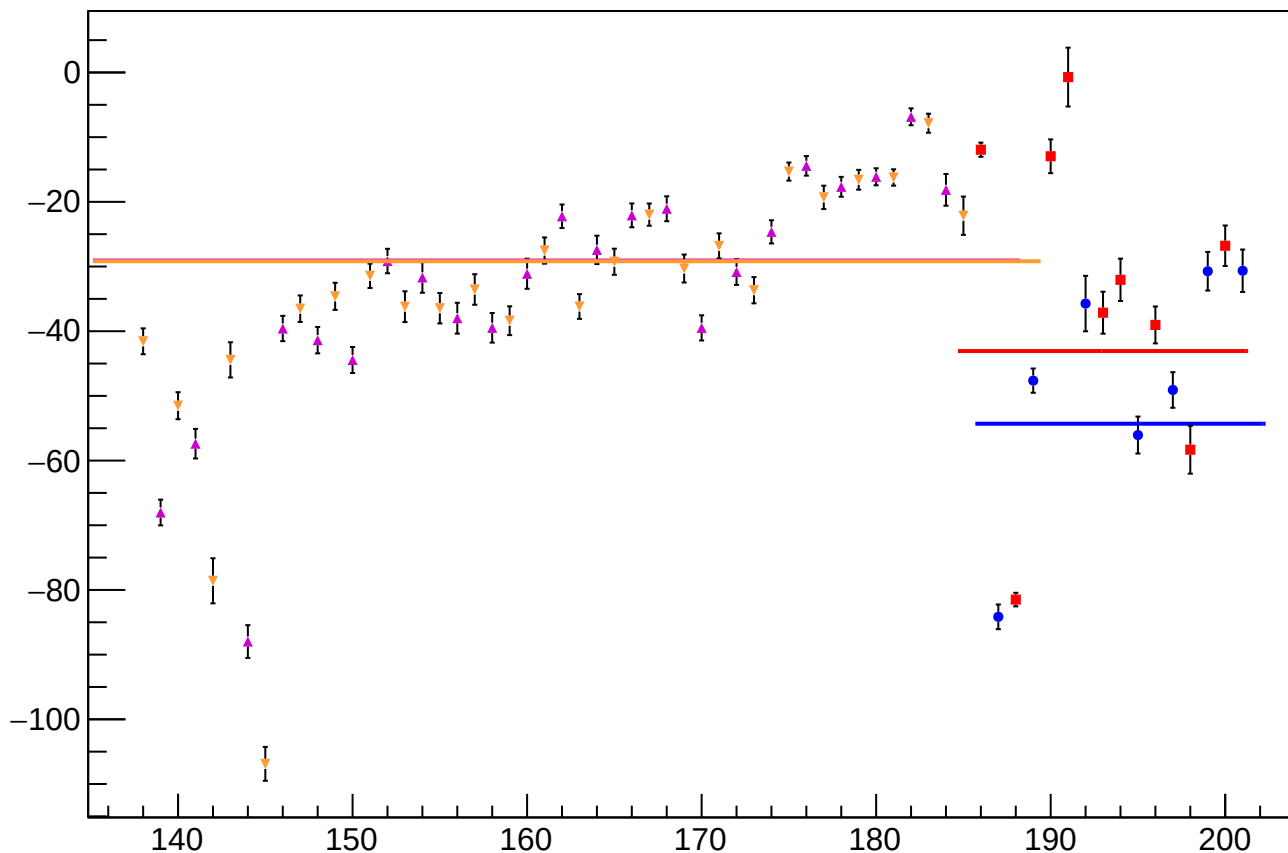
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.892 $\pm$ 0.035 χ^2 /NDF: 96821.6/48

All: 116.079 $\pm$ 0.025 χ^2 /NDF: 566137.4/98

- sign 113.430 $\pm$ 0.034 χ^2 /NDF: 457037.5/49

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -54.304 ± 0.965 $\chi^2/\text{NDF}: 394.9/6$

Left Out: -29.182 ± 0.389 $\chi^2/\text{NDF}: 1880.4/24$

Right Out: -43.064 ± 0.643 $\chi^2/\text{NDF}: 2424.9/8$

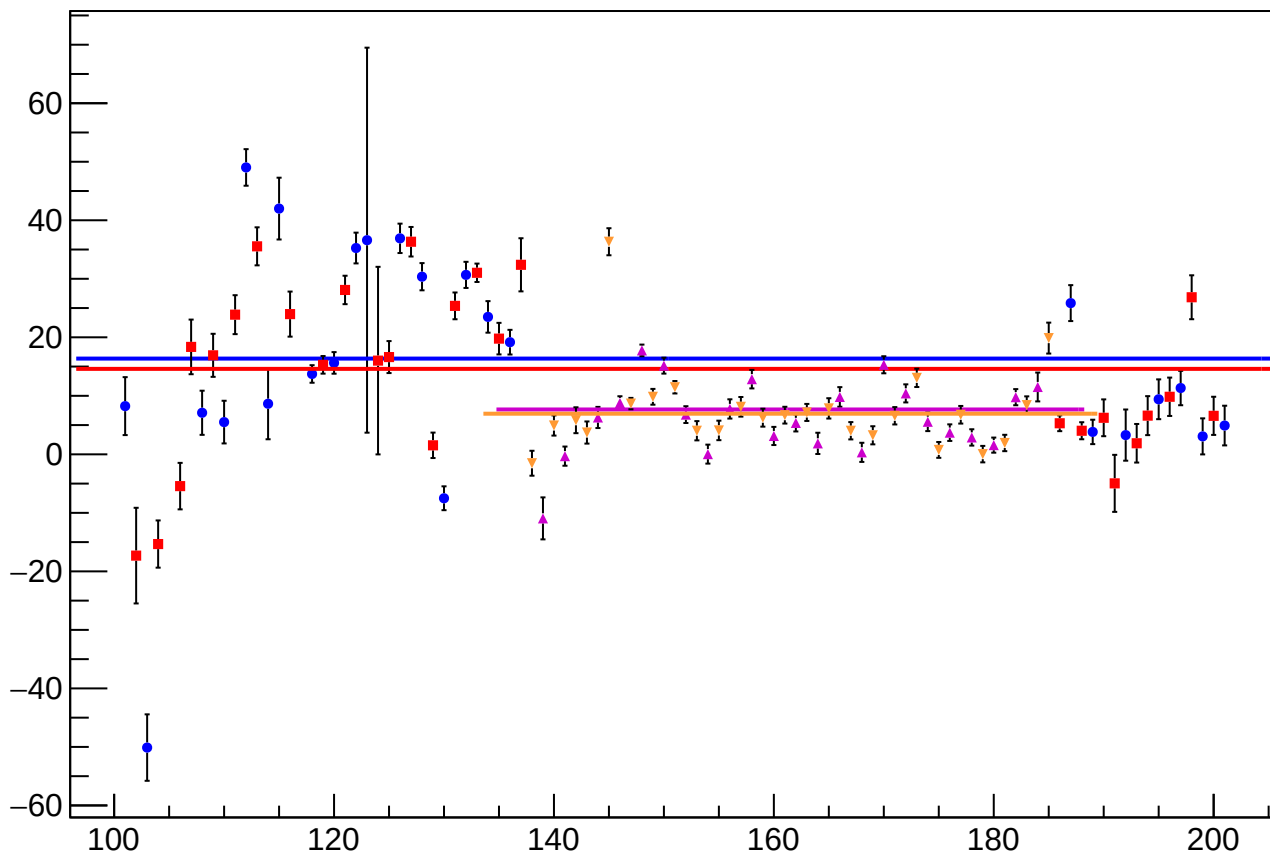
Left In: -29.073 ± 0.394 $\chi^2/\text{NDF}: 1872.4/22$

+ sign -32.697 ± 0.361 $\chi^2/\text{NDF}: 2858.2/31$

All: -32.800 ± 0.246 $\chi^2/\text{NDF}: 7499.8/63$

- sign -32.889 ± 0.336 $\chi^2/\text{NDF}: 4641.5/31$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 16.363 ± 0.559 $\chi^2/\text{NDF}: 726.3/23$

Left Out: 6.943 ± 0.304 $\chi^2/\text{NDF}: 322.6/24$

Right Out: 14.605 ± 0.499 $\chi^2/\text{NDF}: 607.2/26$

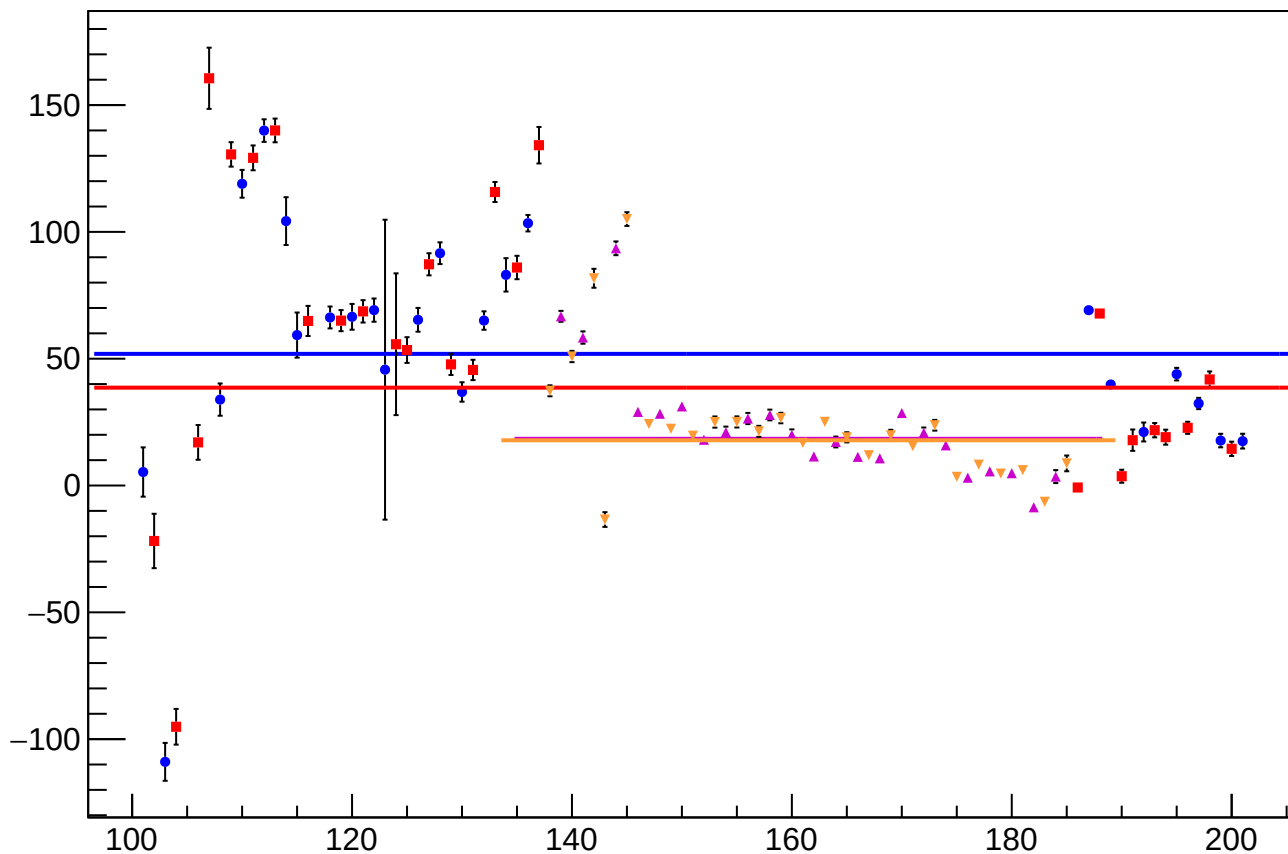
Left In: 7.666 ± 0.313 $\chi^2/\text{NDF}: 341.1/22$

+ sign 9.088 ± 0.267 $\chi^2/\text{NDF}: 1268.1/48$

All: 9.358 ± 0.188 $\chi^2/\text{NDF}: 2357.3/98$

- sign 9.624 ± 0.265 $\chi^2/\text{NDF}: 1087.2/49$

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 51.904 $\pm$ 0.681 χ^2 /NDF: 2134.9/23

Left Out: 17.841 $\pm$ 0.388 χ^2 /NDF: 2399.7/24

Right Out: 38.587 $\pm$ 0.487 χ^2 /NDF: 6207.8/26

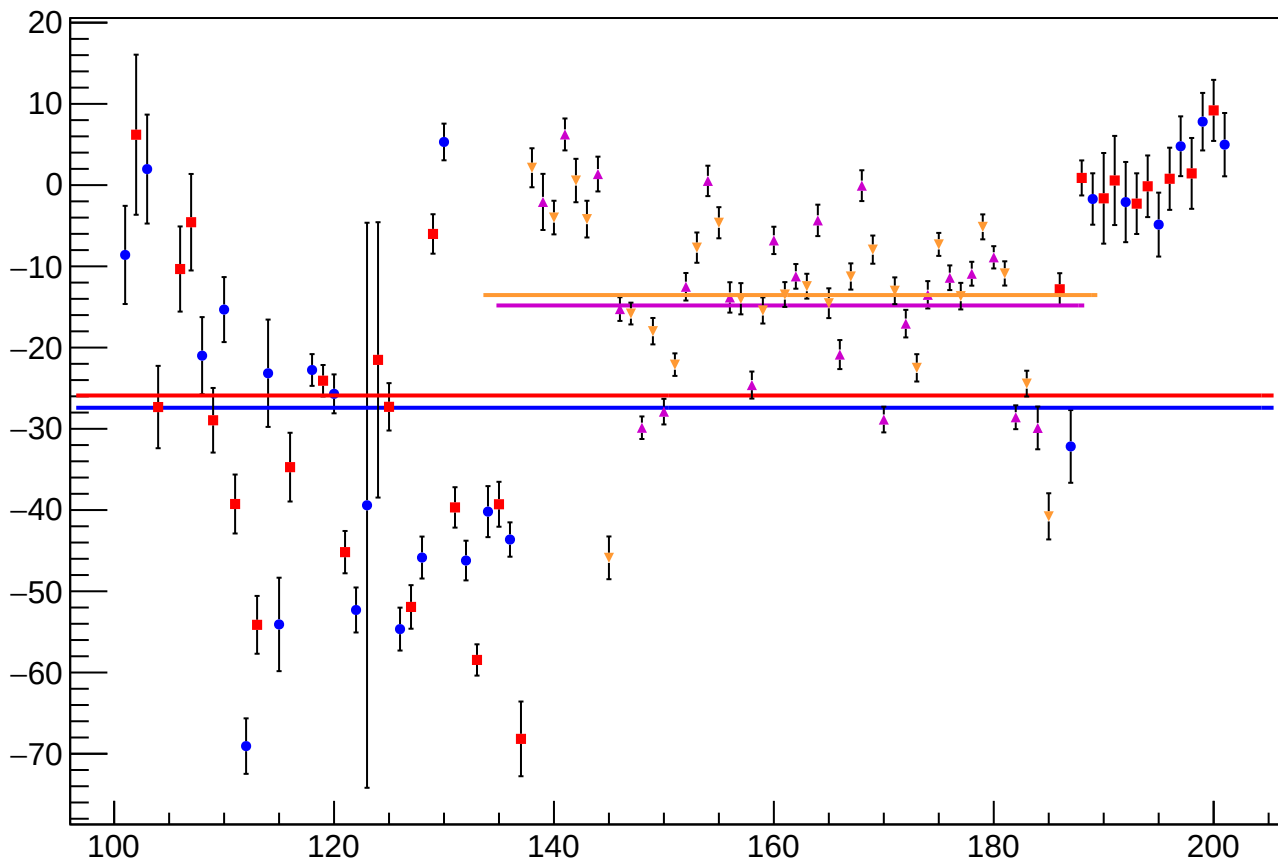
Left In: 18.416 $\pm$ 0.391 χ^2 /NDF: 2468.4/22

+ sign 26.192 $\pm$ 0.337 χ^2 /NDF: 6425.8/48

All: 26.267 $\pm$ 0.226 χ^2 /NDF: 16144.8/98

- sign 26.329 $\pm$ 0.305 χ^2 /NDF: 9718.9/49

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -27.408 $\pm$ 0.657 χ^2/NDF : 1170.5/23

Left Out: -13.535 $\pm$ 0.345 χ^2/NDF : 574.6/24

Right Out: -25.897 $\pm$ 0.607 χ^2/NDF : 1256.6/26

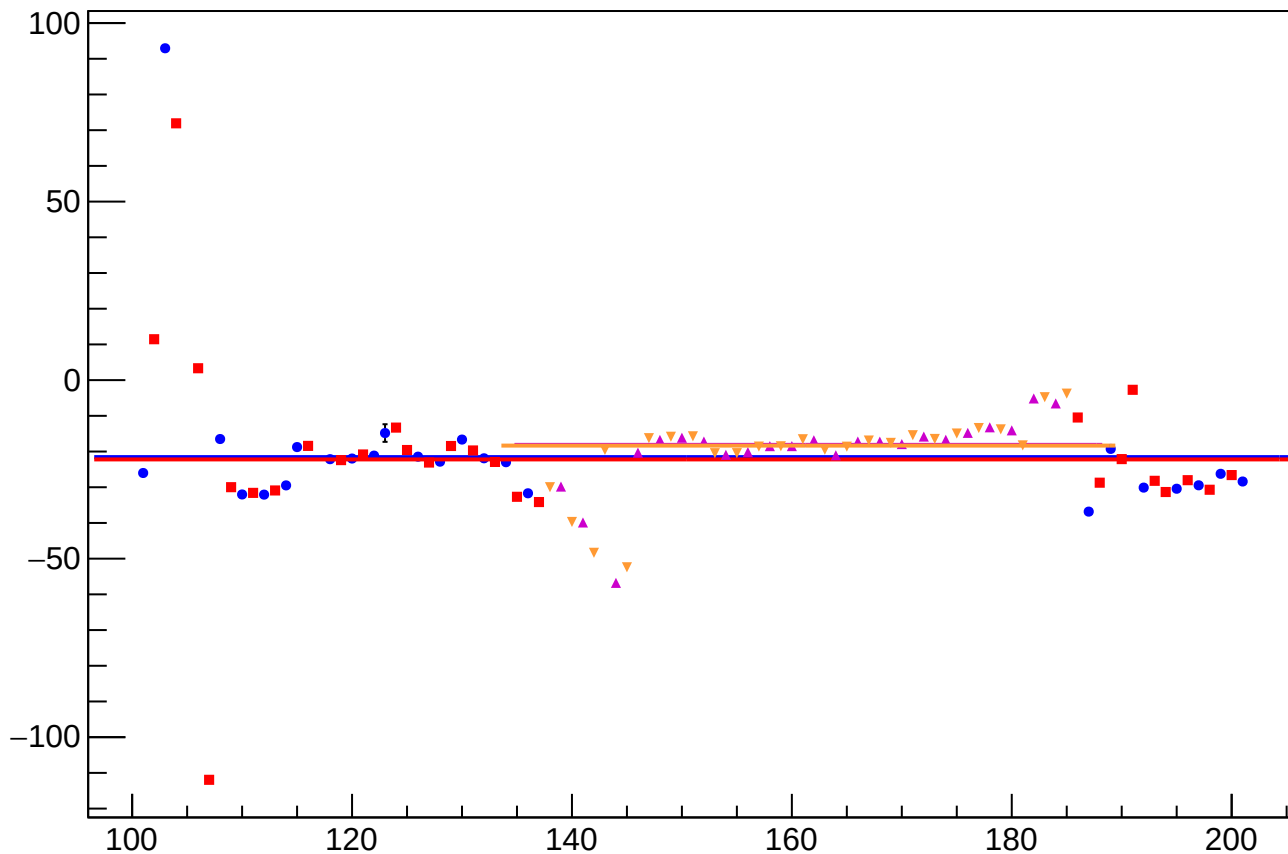
Left In: -14.815 $\pm$ 0.353 χ^2/NDF : 838.2/22

+ sign -16.532 $\pm$ 0.305 χ^2/NDF : 2095.1/48

All: -17.073 $\pm$ 0.216 χ^2/NDF : 4444.9/98

- sign -17.614 $\pm$ 0.305 χ^2/NDF : 2343.6/49

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -21.563 ± 0.033 $\chi^2/\text{NDF}: 510318.4/23$

Left Out: -18.337 ± 0.016 $\chi^2/\text{NDF}: 283793.3/24$

Right Out: -22.208 ± 0.030 $\chi^2/\text{NDF}: 484107.7/26$

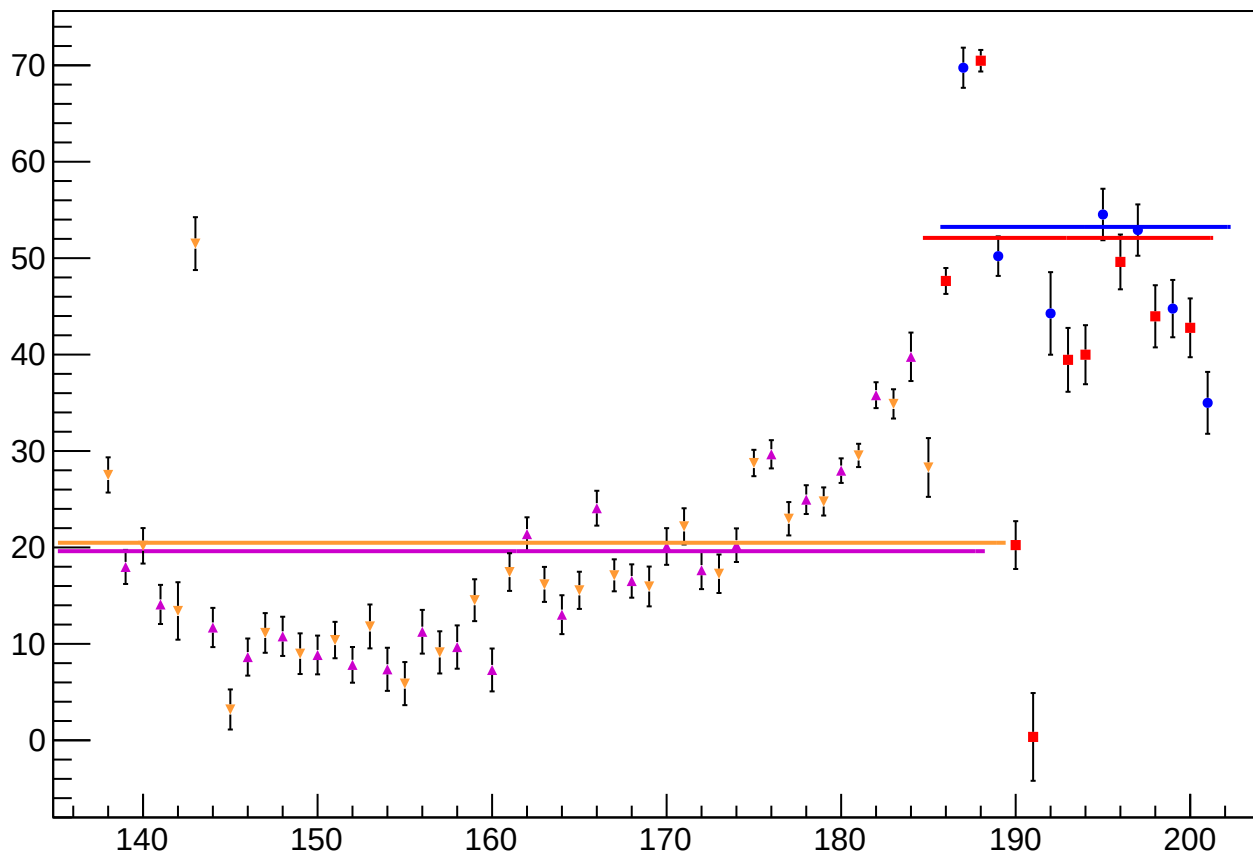
Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

+ sign -18.951 ± 0.014 $\chi^2/\text{NDF}: 801971.0/48$

All: -18.984 ± 0.010 $\chi^2/\text{NDF}: 1545727.2/98$

- sign -19.016 ± 0.014 $\chi^2/\text{NDF}: 743745.6/49$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 53.241 $\pm$ 0.993 χ^2 /NDF: 110.1/6

Left Out: 20.485 $\pm$ 0.374 χ^2 /NDF: 615.7/24

Right Out: 52.101 $\pm$ 0.692 χ^2 /NDF: 622.1/8

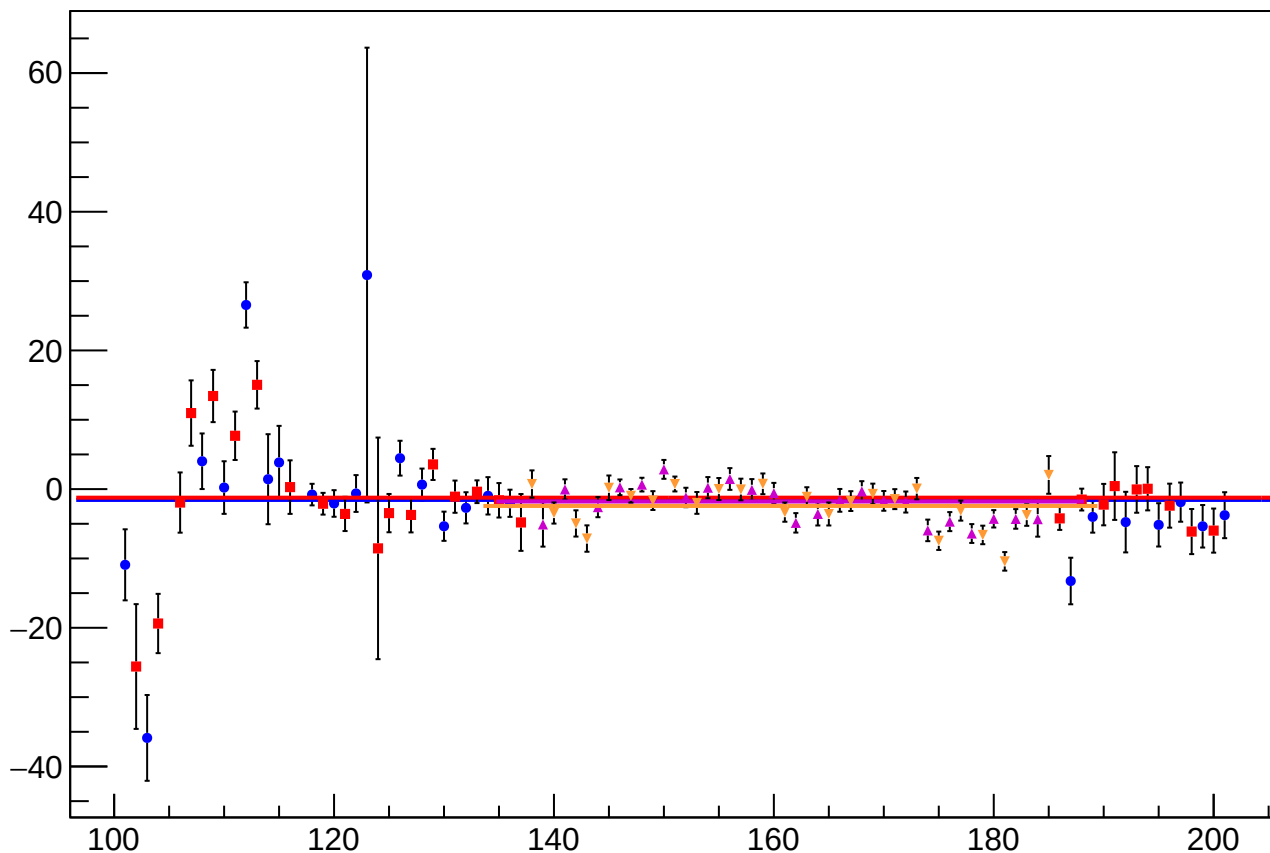
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF: 572.7/22

+ sign 24.550 $\pm$ 0.350 χ^2 /NDF: 1679.6/31

All: 25.892 $\pm$ 0.241 χ^2 /NDF: 4599.9/63

- sign 27.103 $\pm$ 0.332 χ^2 /NDF: 2892.3/31

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -1.562 ± 0.568 χ^2/NDF : 140.2/23

Left Out: -2.429 ± 0.293 χ^2/NDF : 103.7/24

Right Out: -1.234 ± 0.519 χ^2/NDF : 93.6/26

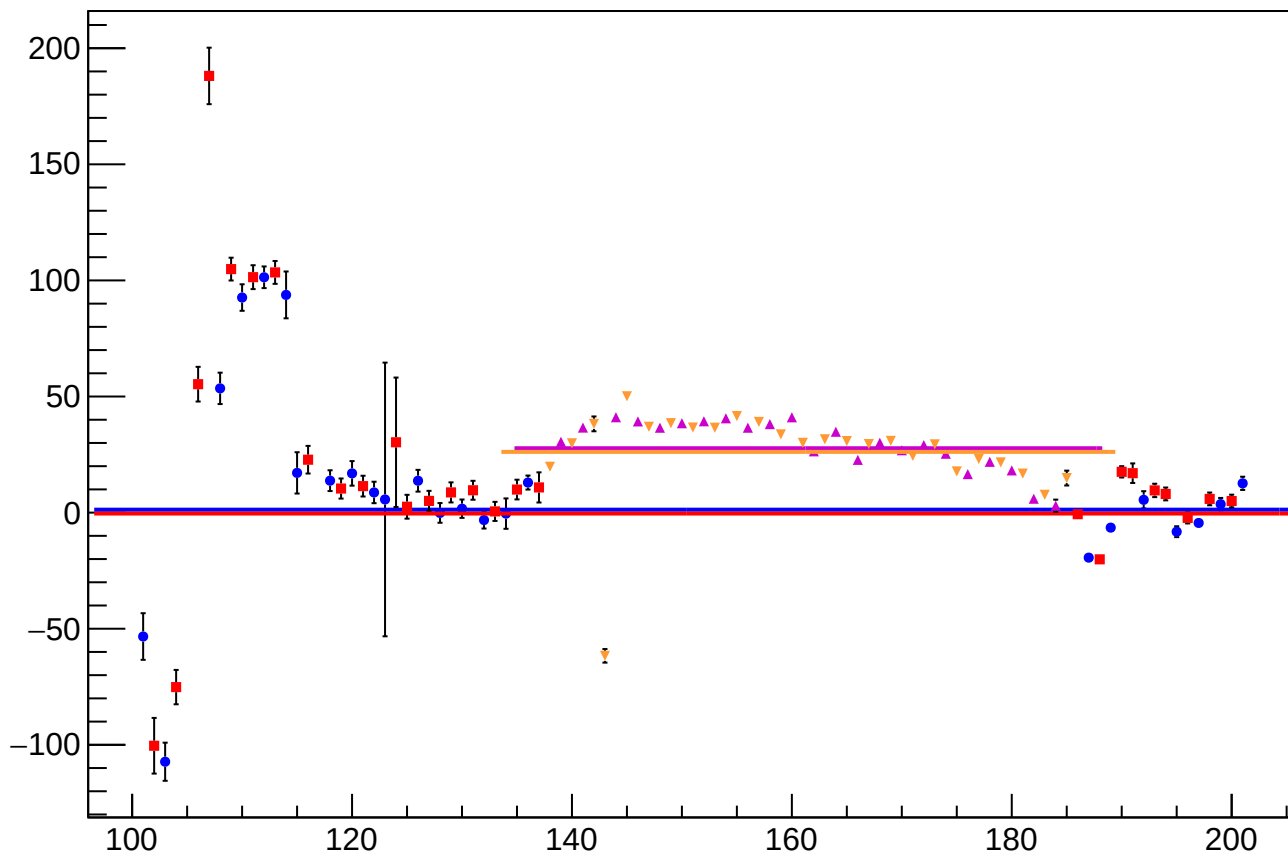
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.247 ± 0.260 χ^2/NDF : 245.7/48

All: -1.949 ± 0.184 χ^2/NDF : 412.9/98

- sign -1.651 ± 0.261 χ^2/NDF : 164.5/49

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 1.269 ± 0.698 χ^2/NDF : 1317.7/23

Left Out: 26.164 ± 0.373 χ^2/NDF : 1577.6/24

Right Out: -0.392 ± 0.523 χ^2/NDF : 2396.1/26

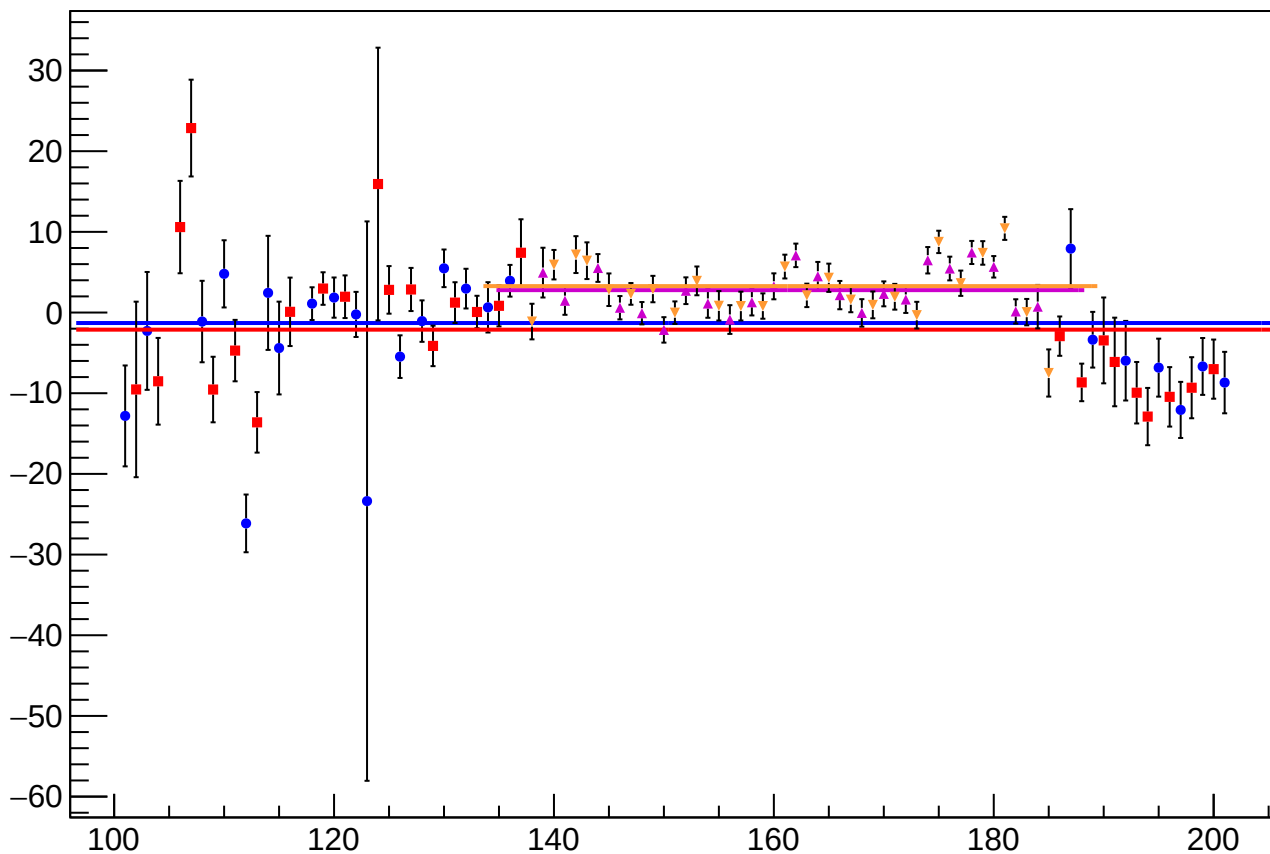
Left In: 27.725 ± 0.377 χ^2/NDF : 805.1/22

+ sign 20.643 ± 0.329 χ^2/NDF : 3884.0/48

All: 19.288 ± 0.224 χ^2/NDF : 9020.7/98

- sign 18.118 ± 0.306 χ^2/NDF : 5105.0/49

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -1.299 ± 0.662 χ^2/NDF : 102.2/23

Left Out: 3.275 ± 0.332 χ^2/NDF : 101.8/24

Right Out: -2.122 ± 0.624 χ^2/NDF : 96.5/26

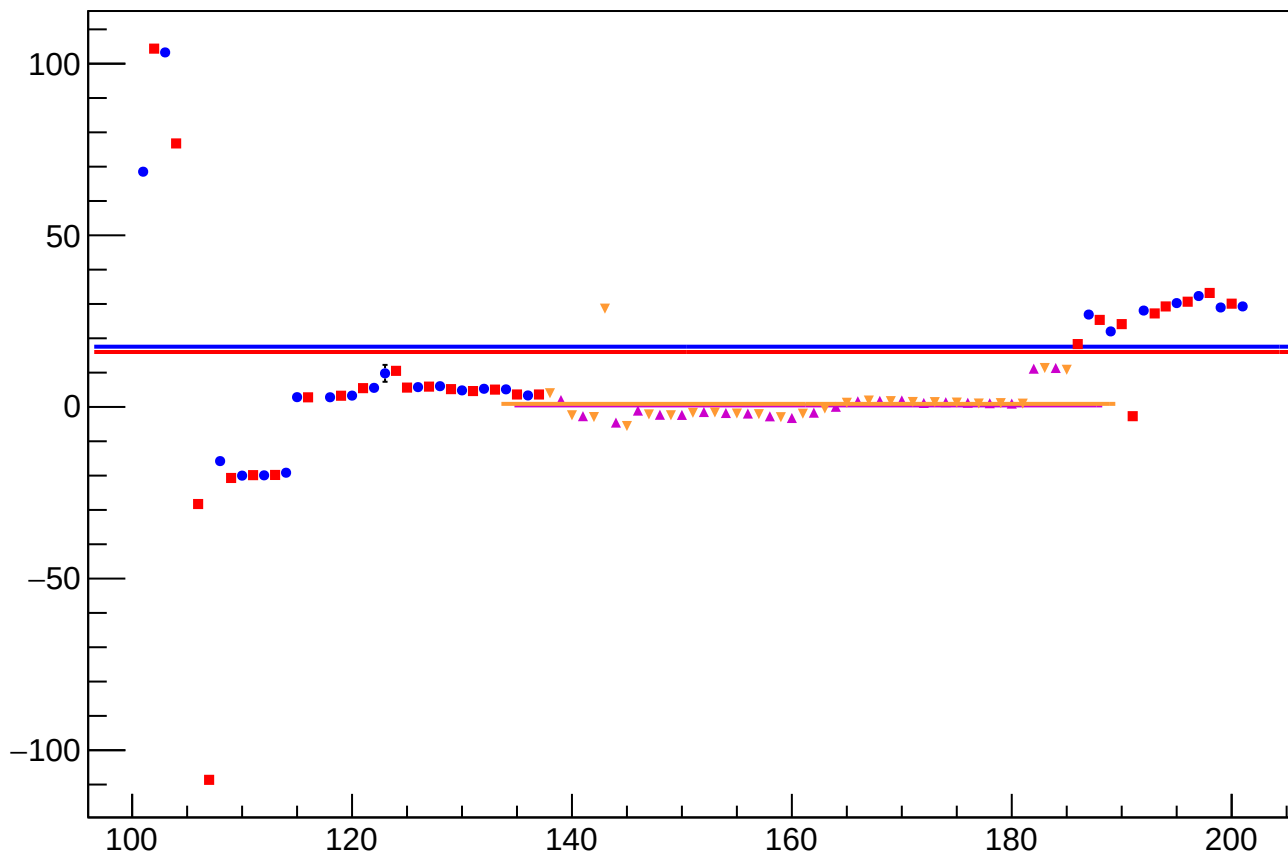
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.355 ± 0.297 χ^2/NDF : 242.2/48

All: 2.007 ± 0.211 χ^2/NDF : 455.5/98

- sign 1.654 ± 0.299 χ^2/NDF : 210.5/49

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 17.556 $\pm$ 0.032 χ^2 /NDF: 469506.0/23

Left Out: 0.898 $\pm$ 0.015 χ^2 /NDF: 108195.0/24

Right Out: 16.007 $\pm$ 0.030 χ^2 /NDF: 690045.1/26

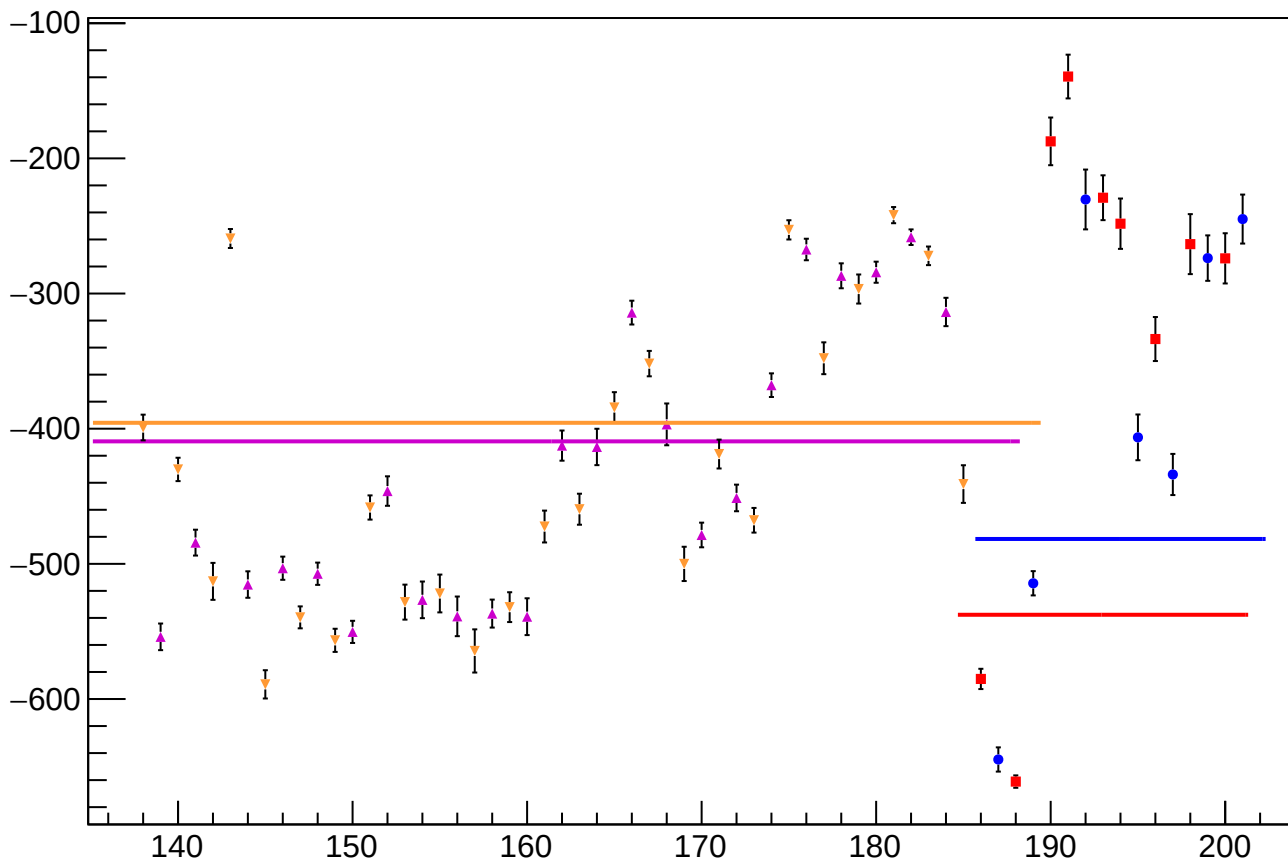
Left In: 0.448 $\pm$ 0.015 χ^2 /NDF: 50533.6/22

+ sign 3.917 $\pm$ 0.014 χ^2 /NDF: 795000.5/48

All: 3.767 $\pm$ 0.010 χ^2 /NDF: 1744944.5/98

- sign 3.618 $\pm$ 0.014 χ^2 /NDF: 949707.6/49

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -481.590+/-4.922 χ^2/NDF : 826.3/6

Left Out: -395.638+/-1.909 χ^2/NDF : 3704.0/24

Right Out: -537.674+/-3.382 χ^2/NDF : 2860.3/8

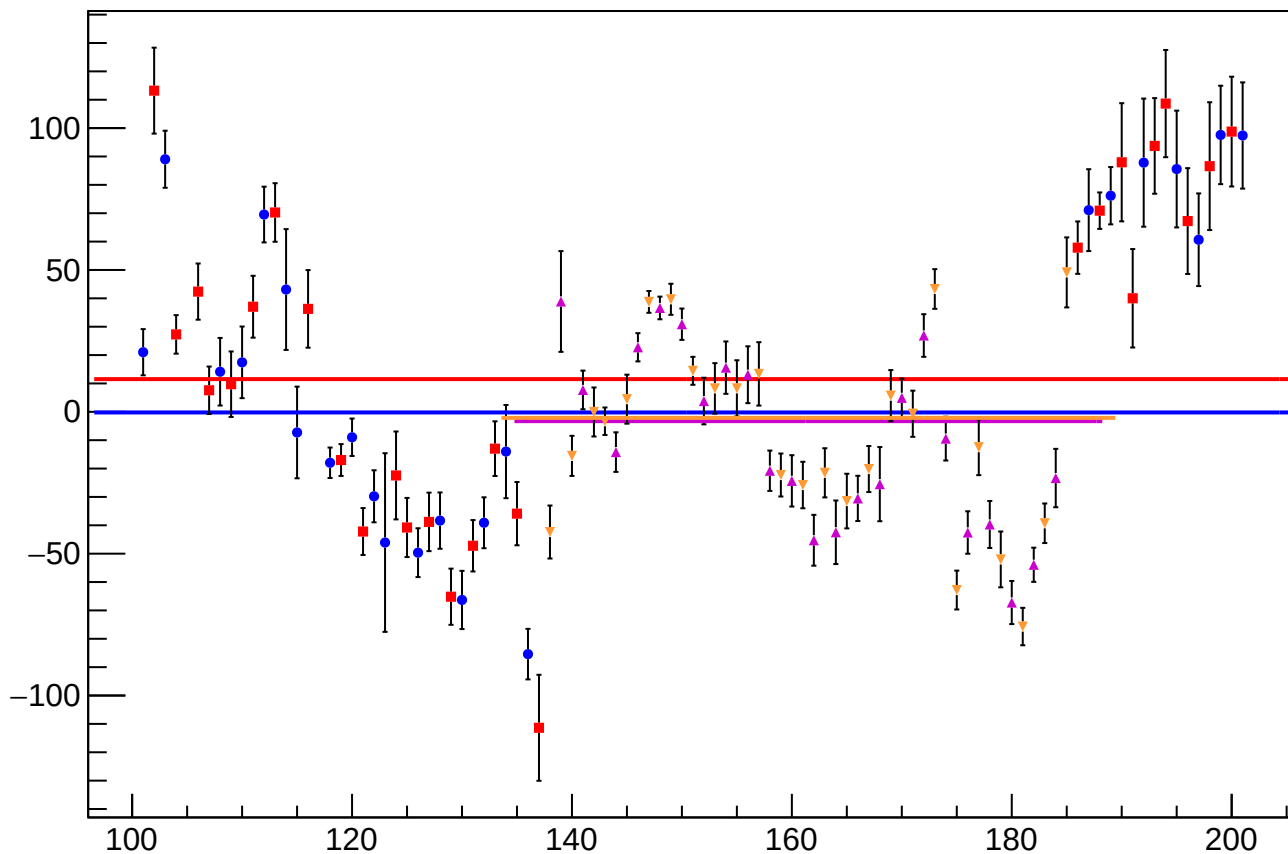
Left In: -409.377+/-1.971 χ^2/NDF : 3096.1/22

+ sign -406.877+/-1.780 χ^2/NDF : 4795.4/31

All: -425.166+/-1.231 χ^2/NDF : 12028.2/63

- sign -441.912+/-1.703 χ^2/NDF : 7030.5/31

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -0.223 ± 2.151 χ^2/NDF : 556.4/23

Left Out: -2.133 ± 1.435 χ^2/NDF : 562.8/24

Right Out: 11.525 ± 2.000 χ^2/NDF : 610.8/26

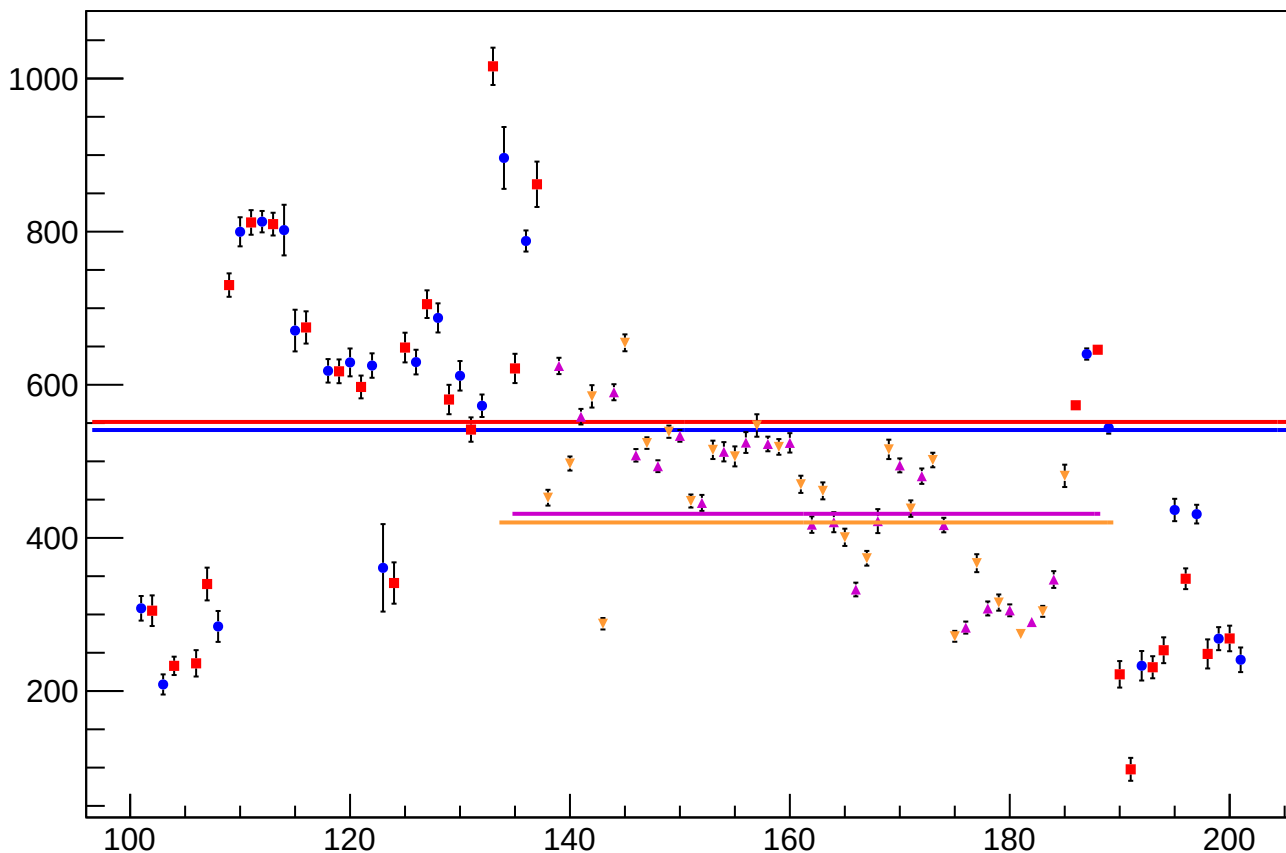
Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

+ sign -1.545 ± 1.194 χ^2/NDF : 1119.8/48

All: 0.264 ± 0.849 χ^2/NDF : 2224.5/98

- sign 2.118 ± 1.209 χ^2/NDF : 1100.1/49

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 540.923 $\pm$ 2.987 χ^2 /NDF: 3497.2/23

Left Out: 420.181 $\pm$ 1.916 χ^2 /NDF:3241.0/24

Right Out: 551.469 $\pm$ 2.311 χ^2 /NDF: 6225.0/26

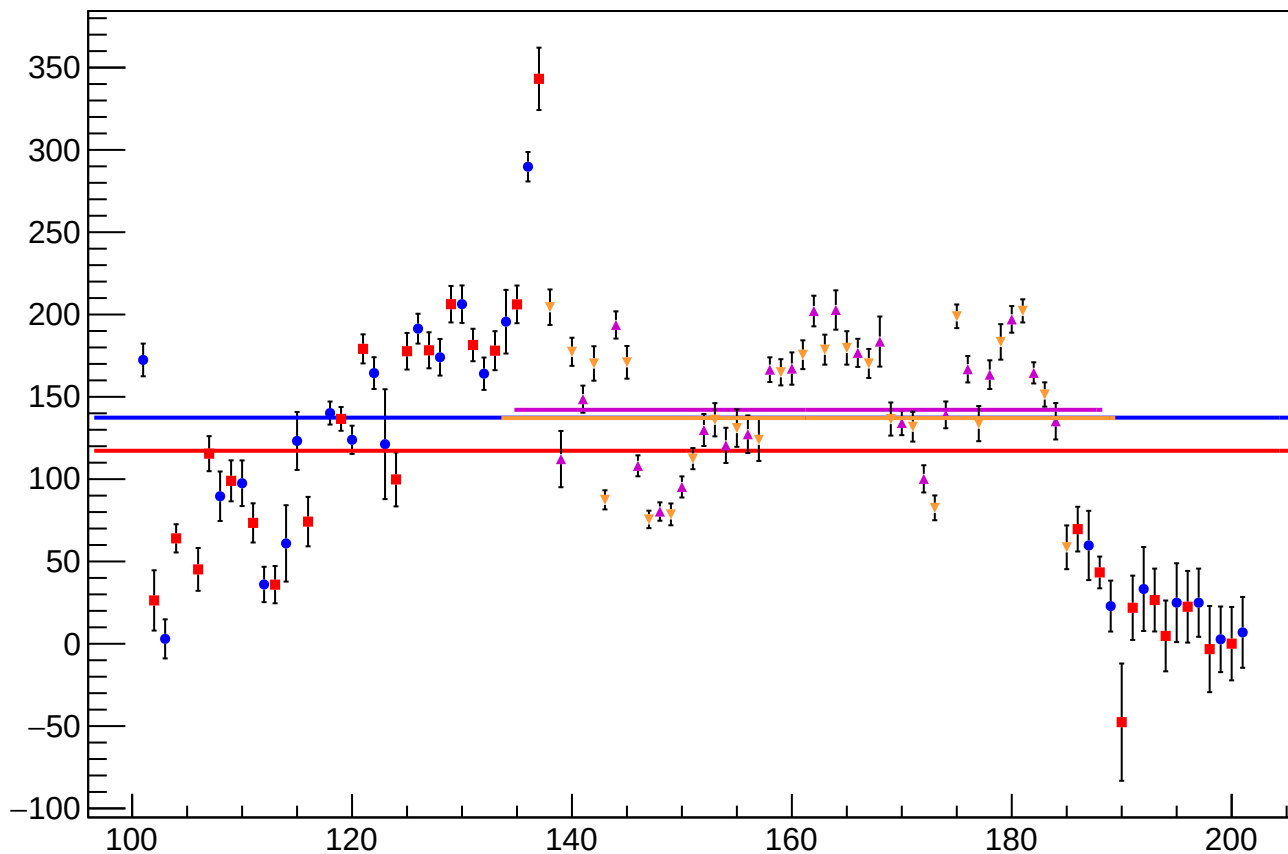
Left In: 431.487 $\pm$ 1.964 χ^2 /NDF:2897.1/22

+ sign 455.368 $\pm$ 1.613 χ^2 /NDF: 7896.0/48

All: 469.565 $\pm$ 1.097 χ^2 /NDF: 18727.3/98

- sign 481.795 $\pm$ 1.497 χ^2 /NDF: 10687.0/49

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 137.357 ± 2.527 $\chi^2/\text{NDF}: 879.4/23$

Left Out: 137.107 ± 1.663 $\chi^2/\text{NDF}: 738.9/24$

Right Out: 117.246 ± 2.388 $\chi^2/\text{NDF}: 857.9/26$

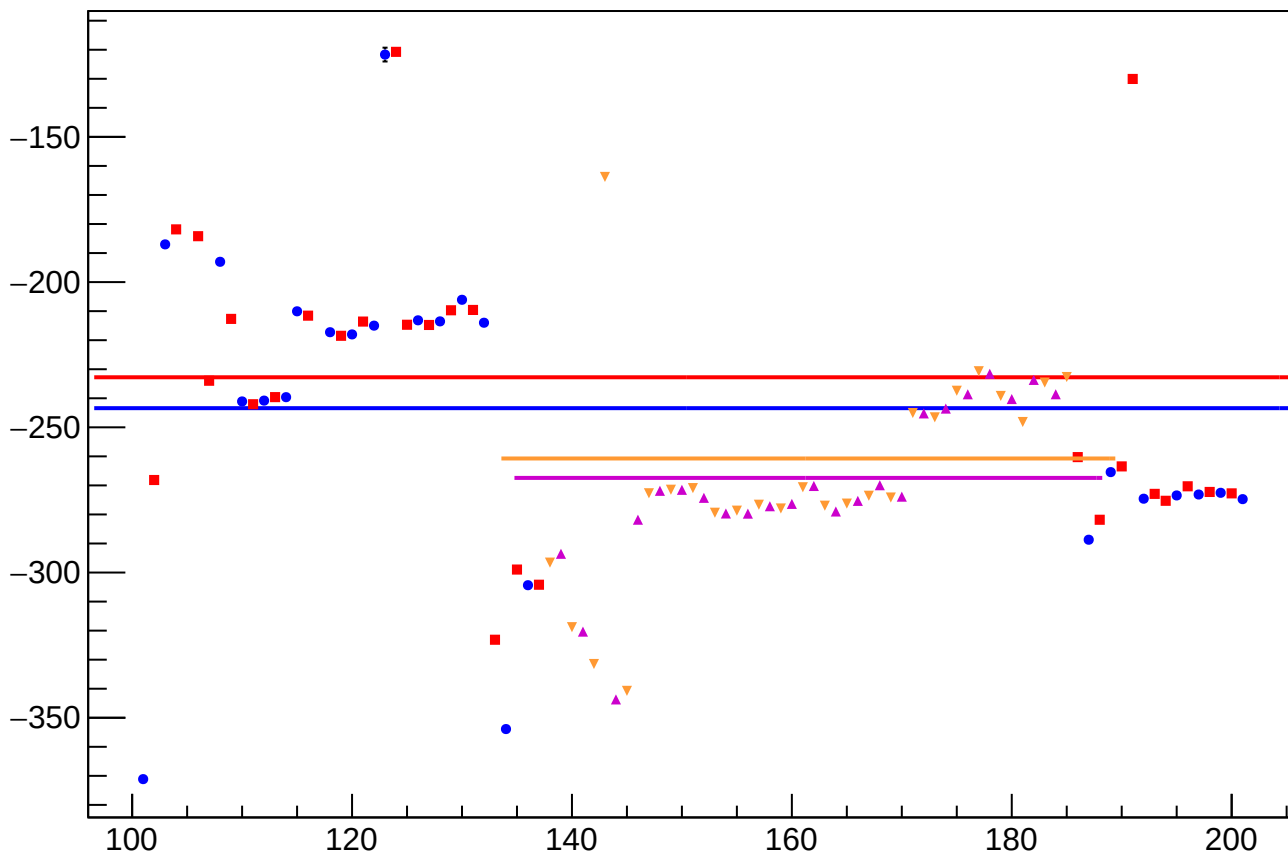
Left In: 142.123 ± 1.740 $\chi^2/\text{NDF}: 463.8/22$

+ sign 137.183 ± 1.389 $\chi^2/\text{NDF}: 1618.3/48$

All: 135.361 ± 0.988 $\chi^2/\text{NDF}: 3014.3/98$

- sign 133.495 ± 1.406 $\chi^2/\text{NDF}: 1392.5/49$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -243.404 ± 0.130 $\chi^2/\text{NDF}: 161475.5/23$

Left Out: -260.729 ± 0.080 $\chi^2/\text{NDF}: 220125.6/24$

Right Out: -232.769 ± 0.119 $\chi^2/\text{NDF}: 162049.3/26$

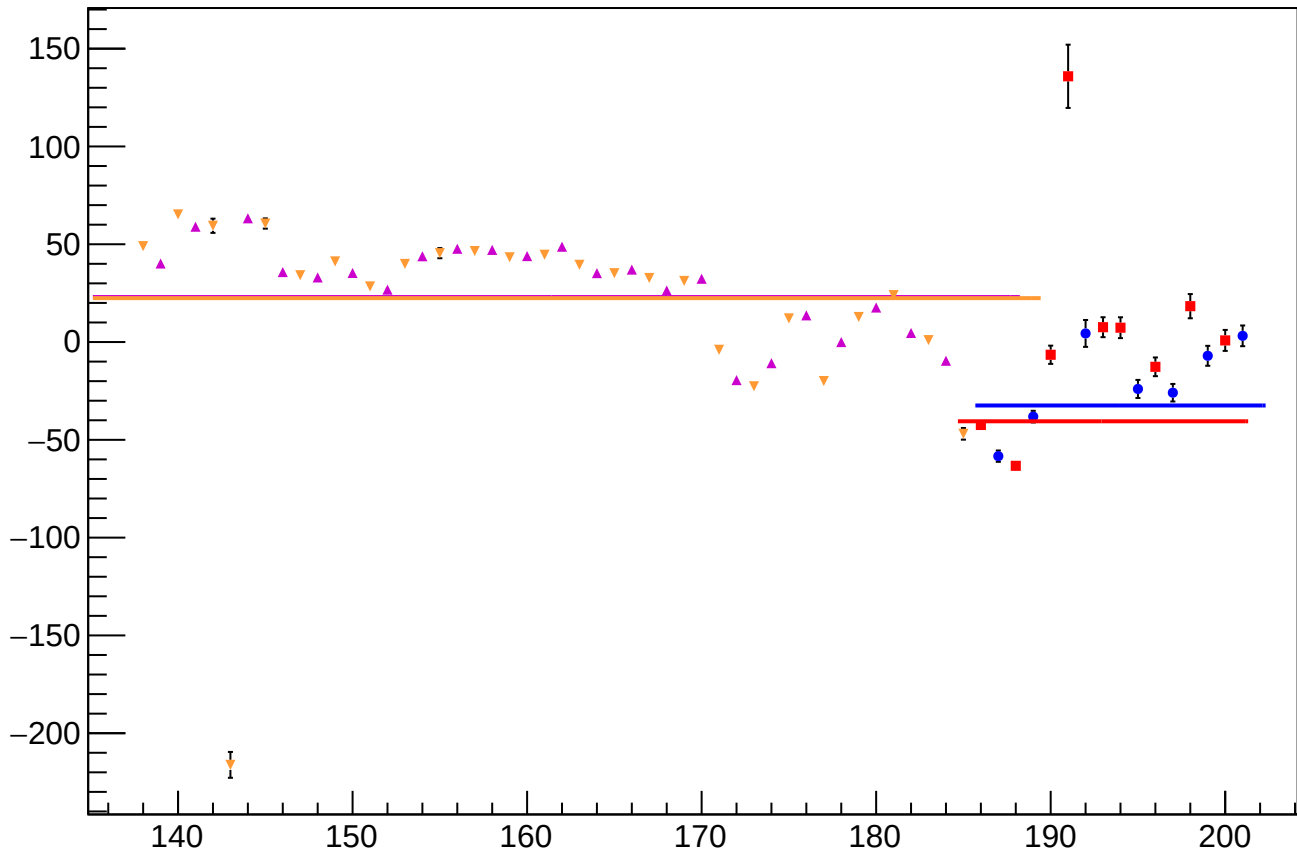
Left In: -267.416 ± 0.081 $\chi^2/\text{NDF}: 98892.0/22$

+ sign -256.002 ± 0.068 $\chi^2/\text{NDF}: 394543.9/48$

All: -256.198 ± 0.048 $\chi^2/\text{NDF}: 713237.4/98$

- sign -256.390 ± 0.067 $\chi^2/\text{NDF}: 318677.0/49$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -32.438 ± 1.536 $\chi^2/\text{NDF}: 188.4/6$

Left Out: 22.446 ± 0.399 $\chi^2/\text{NDF}: 4935.8/24$

Right Out: -40.520 ± 1.017 $\chi^2/\text{NDF}: 739.8/8$

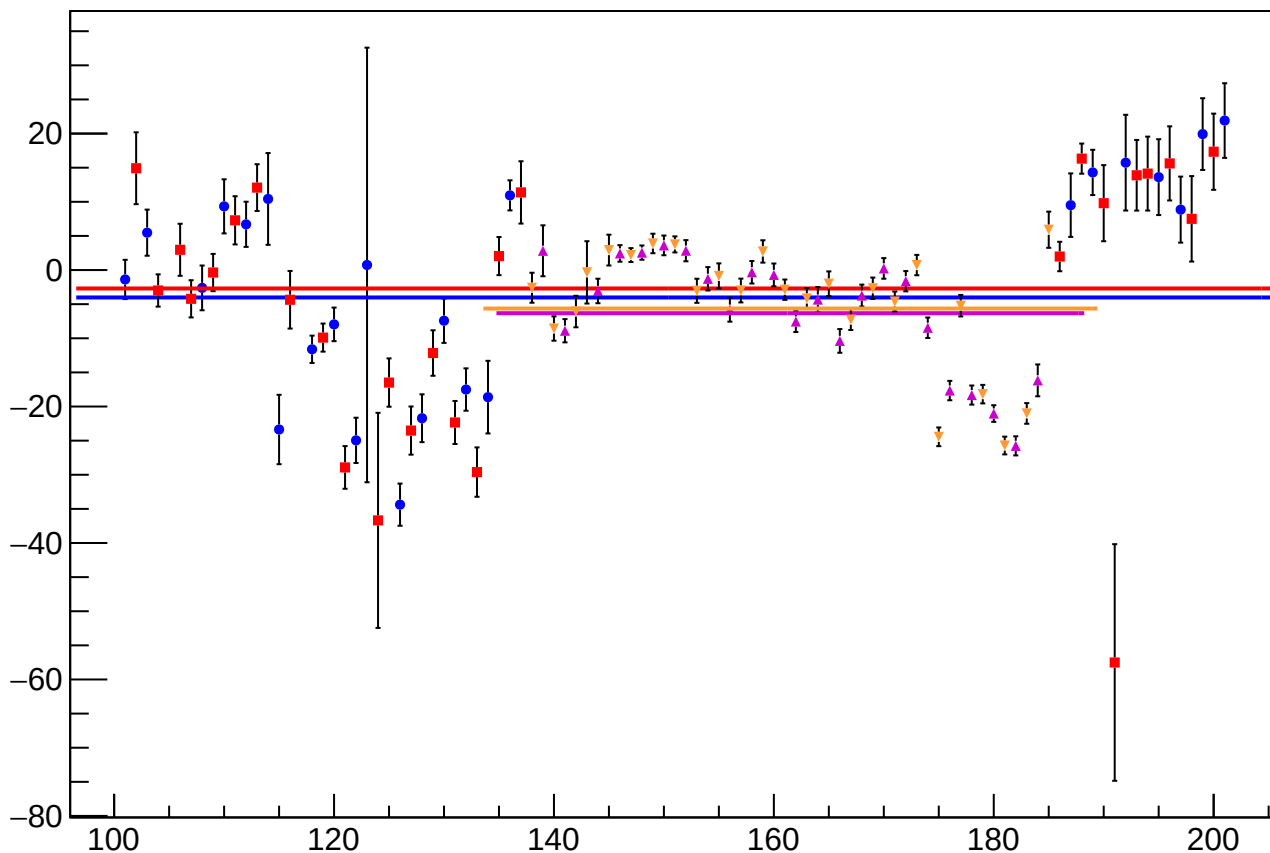
Left In: 23.019 ± 0.400 $\chi^2/\text{NDF}: 2819.9/22$

+ sign 18.977 ± 0.386 $\chi^2/\text{NDF}: 6320.9/31$

All: 16.664 ± 0.268 $\chi^2/\text{NDF}: 13330.8/63$

- sign 14.515 ± 0.372 $\chi^2/\text{NDF}: 6940.7/31$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -4.018 ± 0.716 χ^2/NDF : 409.5/23

Left Out: -5.639 ± 0.316 χ^2/NDF : 891.5/24

Right Out: -2.700 ± 0.654 χ^2/NDF : 433.9/26

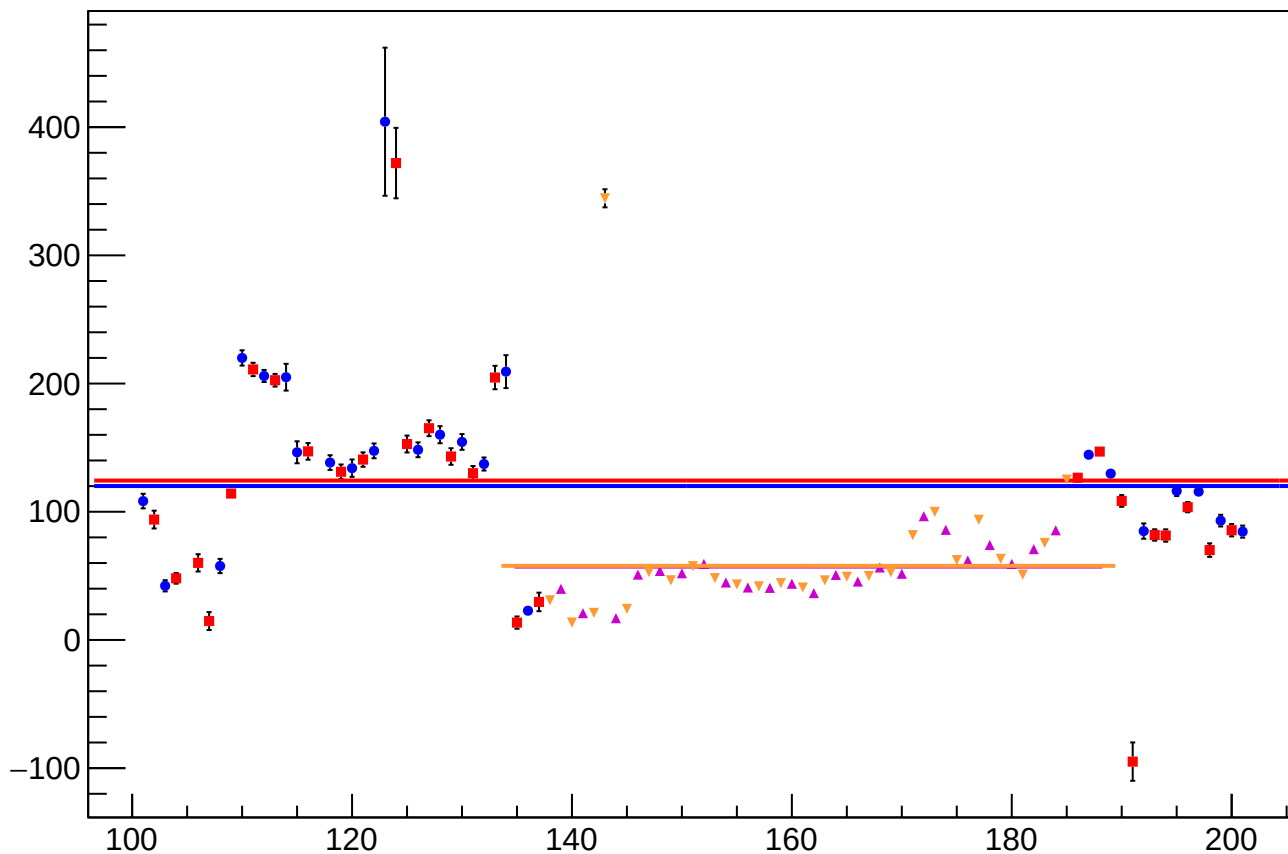
Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

+ sign -5.375 ± 0.289 χ^2/NDF : 1305.4/48

All: -5.499 ± 0.204 χ^2/NDF : 2548.7/98

- sign -5.623 ± 0.288 χ^2/NDF : 1243.0/49

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 120.047 $\pm$ 0.955 χ^2 /NDF: 2414.8/23

Left Out: 57.816 $\pm$ 0.398 χ^2 /NDF:4331.5/24

Right Out: 124.349 $\pm$ 0.713 χ^2 /NDF: 3111.2/26

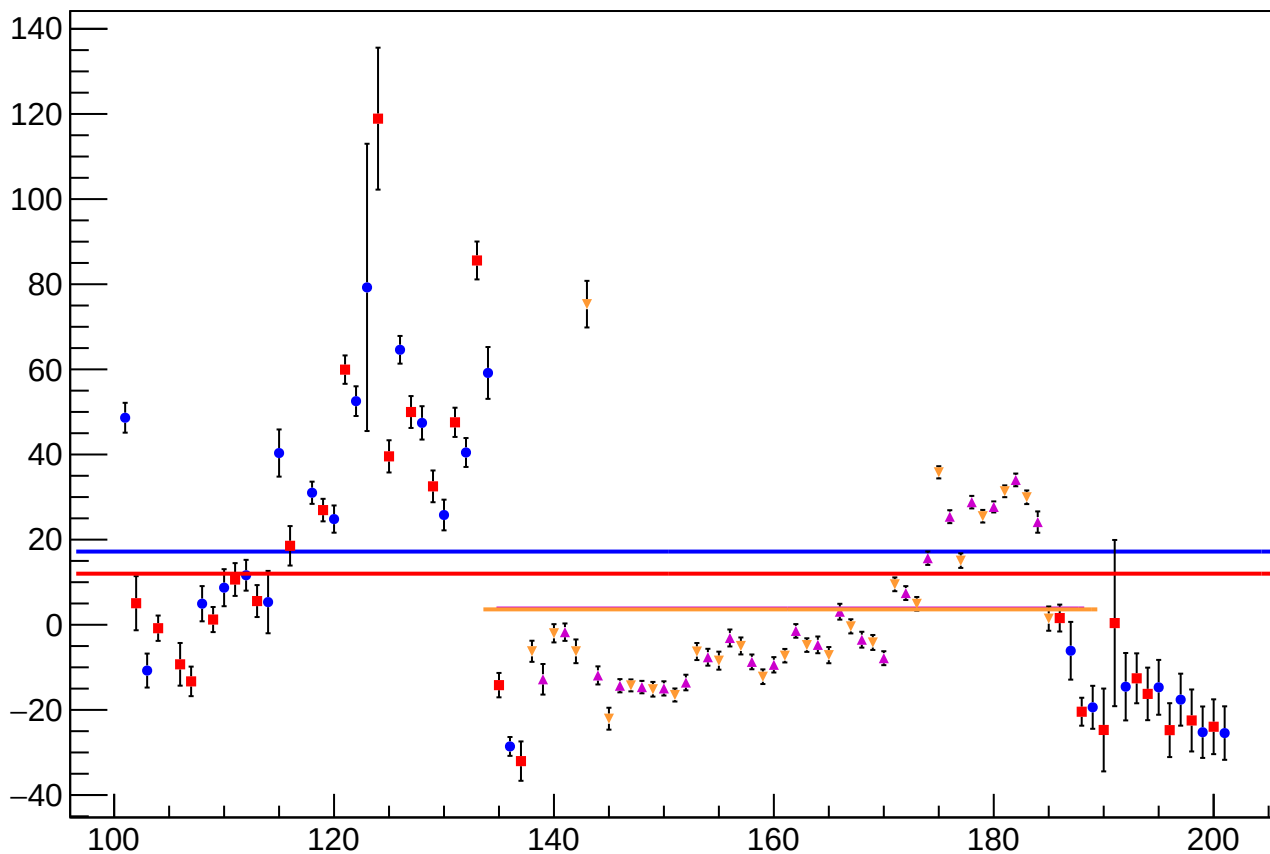
Left In: 57.226 $\pm$ 0.398 χ^2 /NDF:1860.6/22

+ sign 67.032 $\pm$ 0.367 χ^2 /NDF: 10366.6/48

All: 70.279 $\pm$ 0.252 χ^2 /NDF: 22246.5/98

- sign 73.184 $\pm$ 0.348 χ^2 /NDF: 11731.9/49

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 17.197 ± 0.832 $\chi^2/\text{NDF}: 1336.5/23$

Left Out: 3.615 ± 0.357 $\chi^2/\text{NDF}: 2501.2/24$

Right Out: 12.003 ± 0.780 $\chi^2/\text{NDF}: 1378.9/26$

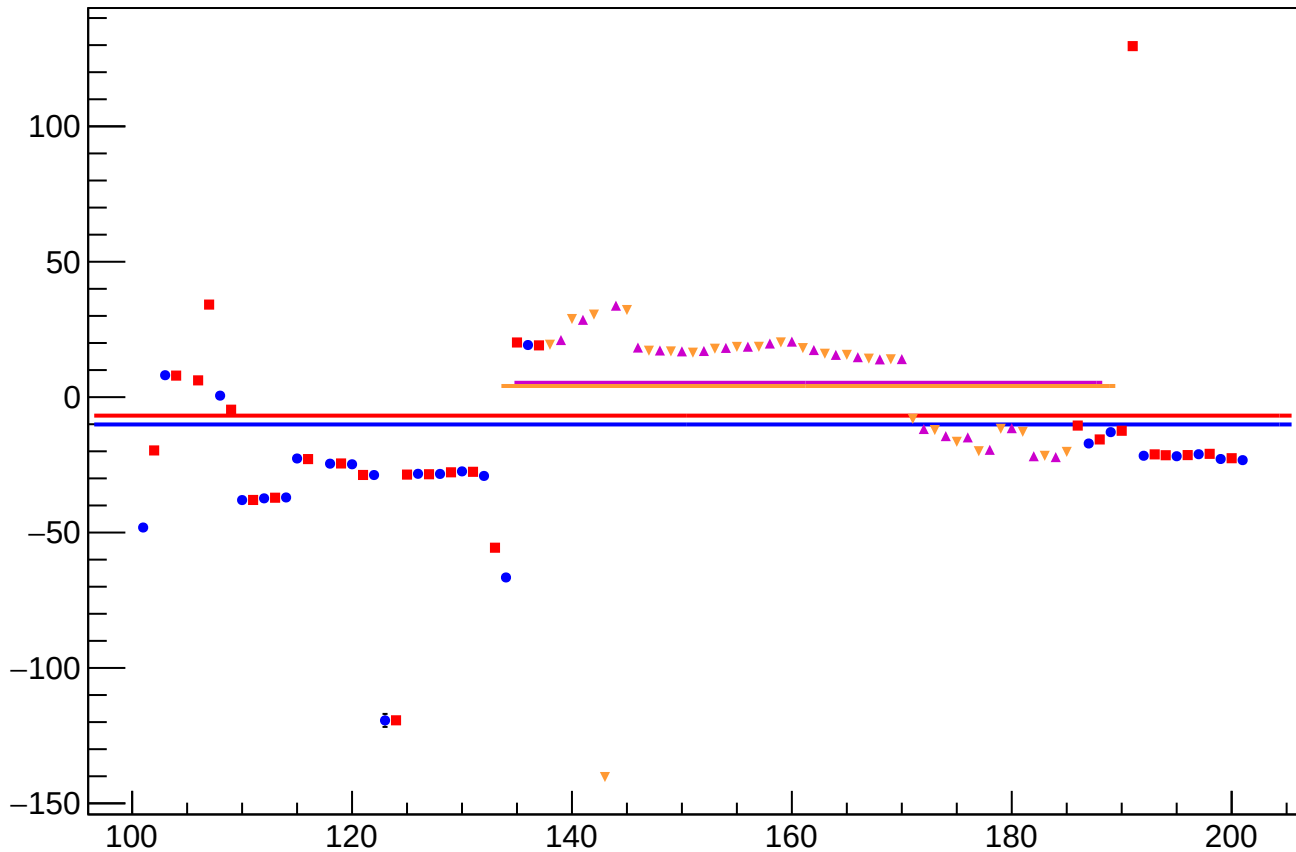
Left In: 3.812 ± 0.361 $\chi^2/\text{NDF}: 2203.5/22$

+ sign 5.725 ± 0.328 $\chi^2/\text{NDF}: 4062.9/48$

All: 5.490 ± 0.232 $\chi^2/\text{NDF}: 7737.1/98$

- sign 5.255 ± 0.327 $\chi^2/\text{NDF}: 3673.2/49$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -10.086 ± 0.040 χ^2/NDF : 291789.2/23

Left Out: 4.121 ± 0.016 χ^2/NDF : 1340176.5/24

Right Out: -6.823 ± 0.038 χ^2/NDF : 370625.4/26

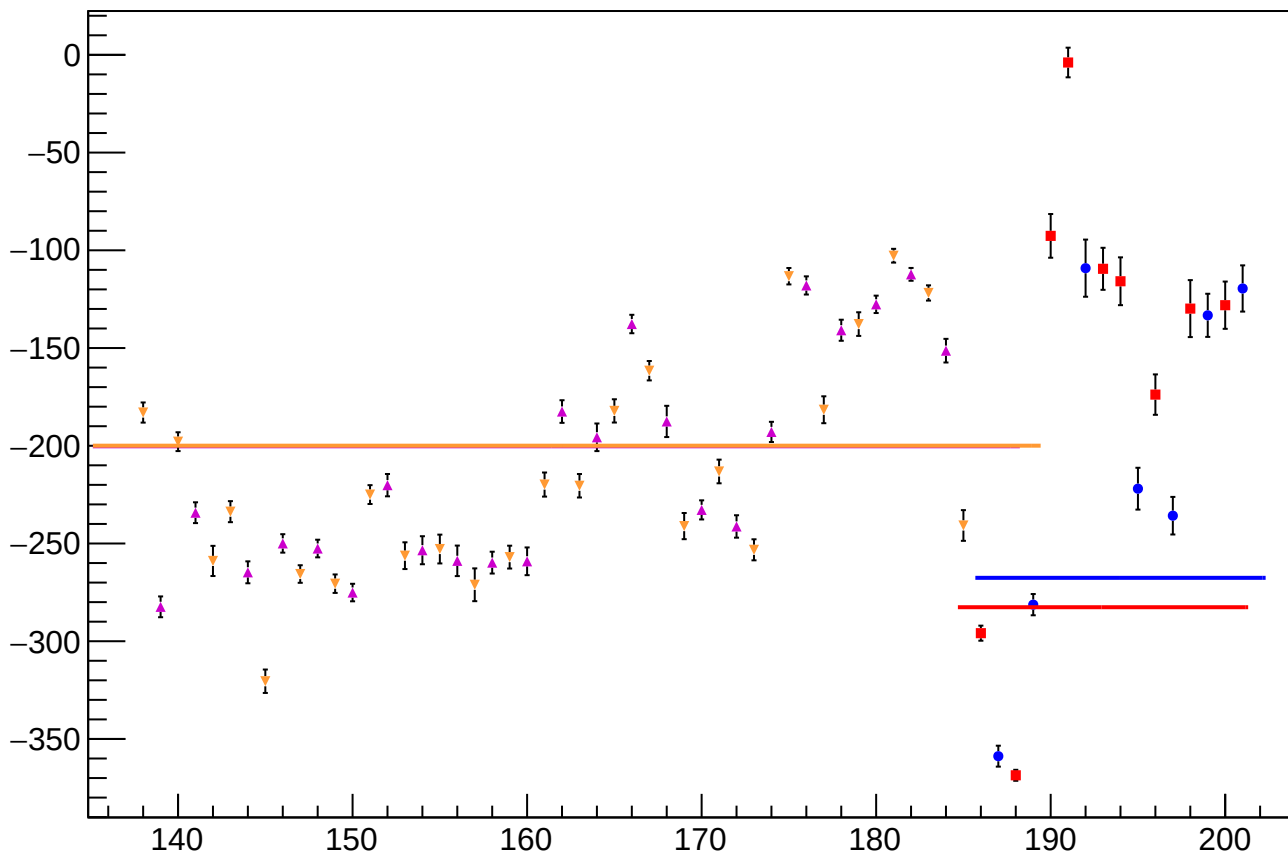
Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

+ sign 2.076 ± 0.015 χ^2/NDF : 1740390.7/48

All: 2.755 ± 0.011 χ^2/NDF : 3289946.2/98

- sign 3.424 ± 0.015 χ^2/NDF : 1545568.5/49

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -267.564 ± 3.039 χ^2/NDF : 748.0/6

Left Out: -199.957 ± 1.082 χ^2/NDF : 3220.5/24

Right Out: -282.603 ± 1.979 χ^2/NDF : 3413.8/8

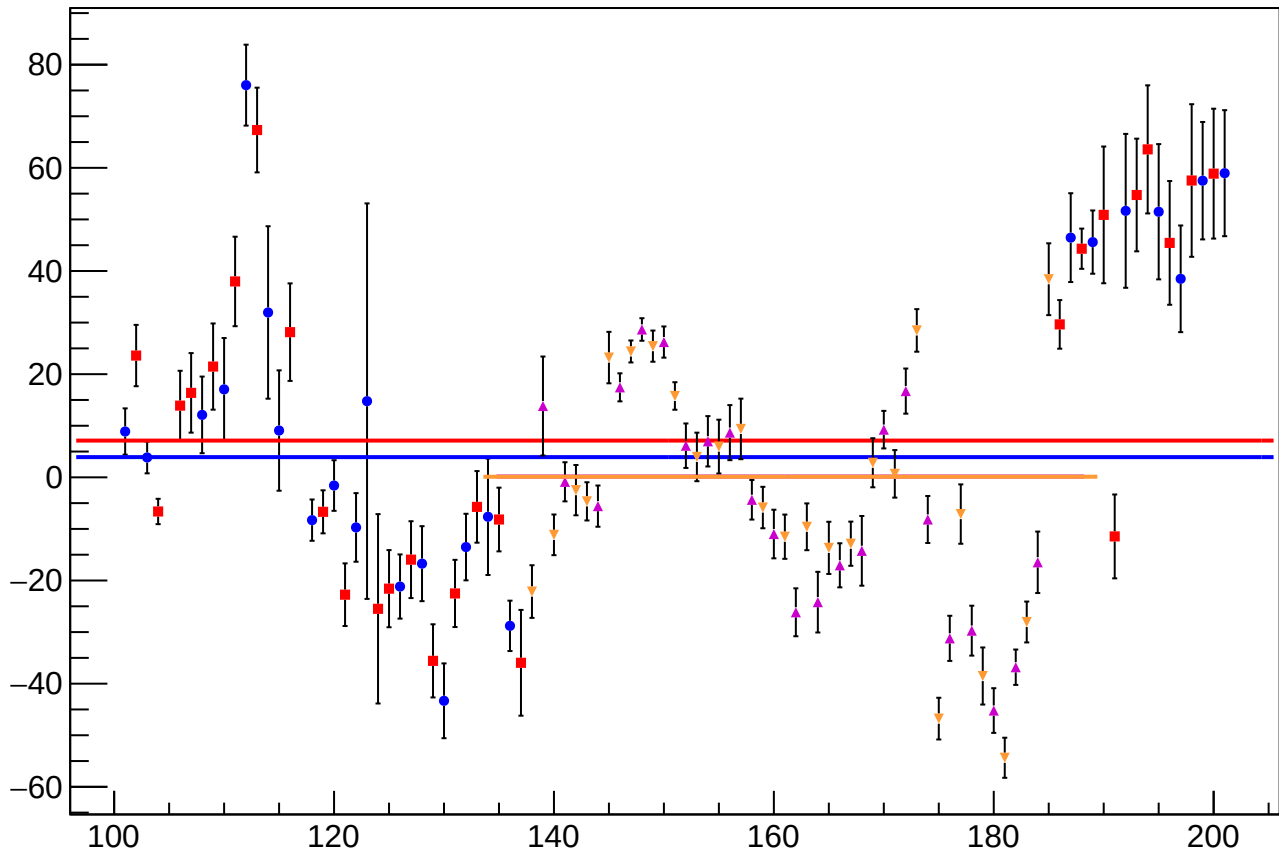
Left In: -200.276 ± 1.093 χ^2/NDF : 3013.8/22

+ sign -207.557 ± 1.019 χ^2/NDF : 4407.7/31

All: -213.918 ± 0.698 χ^2/NDF : 12234.5/63

- sign -219.528 ± 0.957 χ^2/NDF : 7753.5/31

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 3.919 ± 1.349 χ^2/NDF : 374.2/23

Left Out: 0.116 ± 0.810 χ^2/NDF : 830.1/24

Right Out: 7.125 ± 1.218 χ^2/NDF : 470.9/26

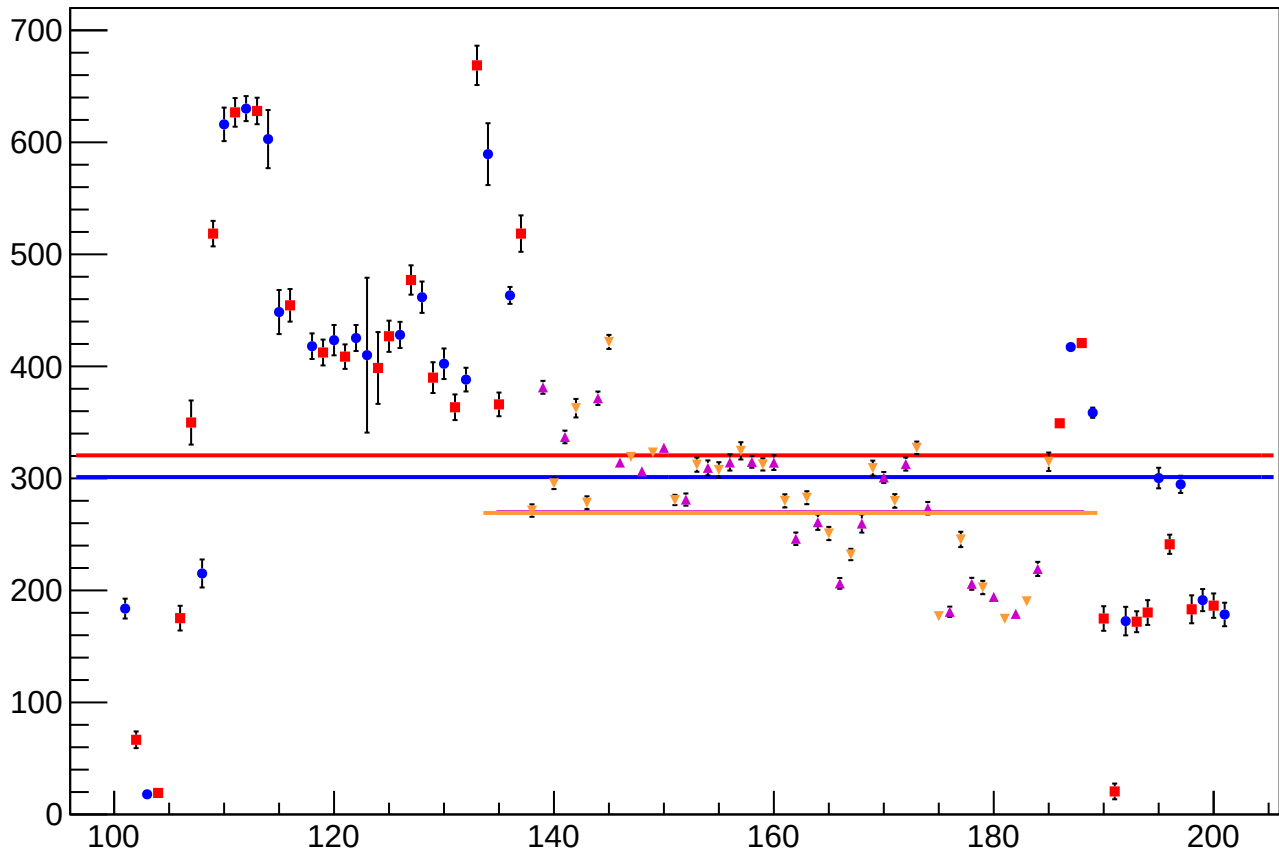
Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

+ sign 1.124 ± 0.695 χ^2/NDF : 1210.2/48

All: 1.760 ± 0.489 χ^2/NDF : 2424.7/98

- sign 2.386 ± 0.689 χ^2/NDF : 1212.8/49

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 301.163 ± 1.775 χ^2/NDF : 9076.9/23

Left Out: 269.181 ± 1.081 χ^2/NDF : 3148.5/24

Right Out: 320.553 ± 1.357 χ^2/NDF : 13548.4/26

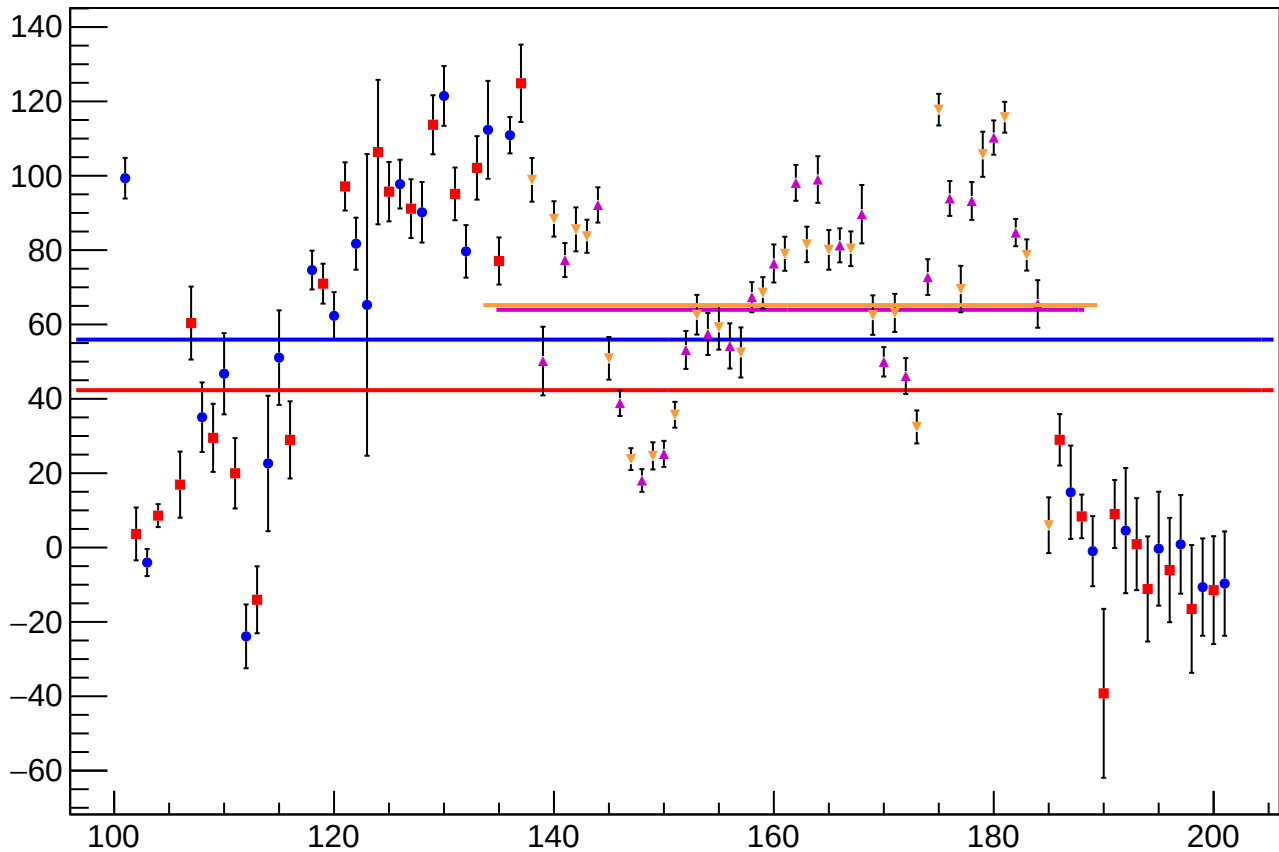
Left In: 269.798 ± 1.087 χ^2/NDF : 3234.9/22

+ sign 277.833 ± 0.923 χ^2/NDF : 12462.3/48

All: 284.230 ± 0.625 χ^2/NDF : 30186.1/98

- sign 289.633 ± 0.848 χ^2/NDF : 17635.3/49

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 55.931 $\pm$ 1.587 χ^2/NDF : 872.9/23

Left Out: 65.214 $\pm$ 0.938 χ^2/NDF :1005.7/24

Right Out: 42.328 $\pm$ 1.478 χ^2/NDF : 807.6/26

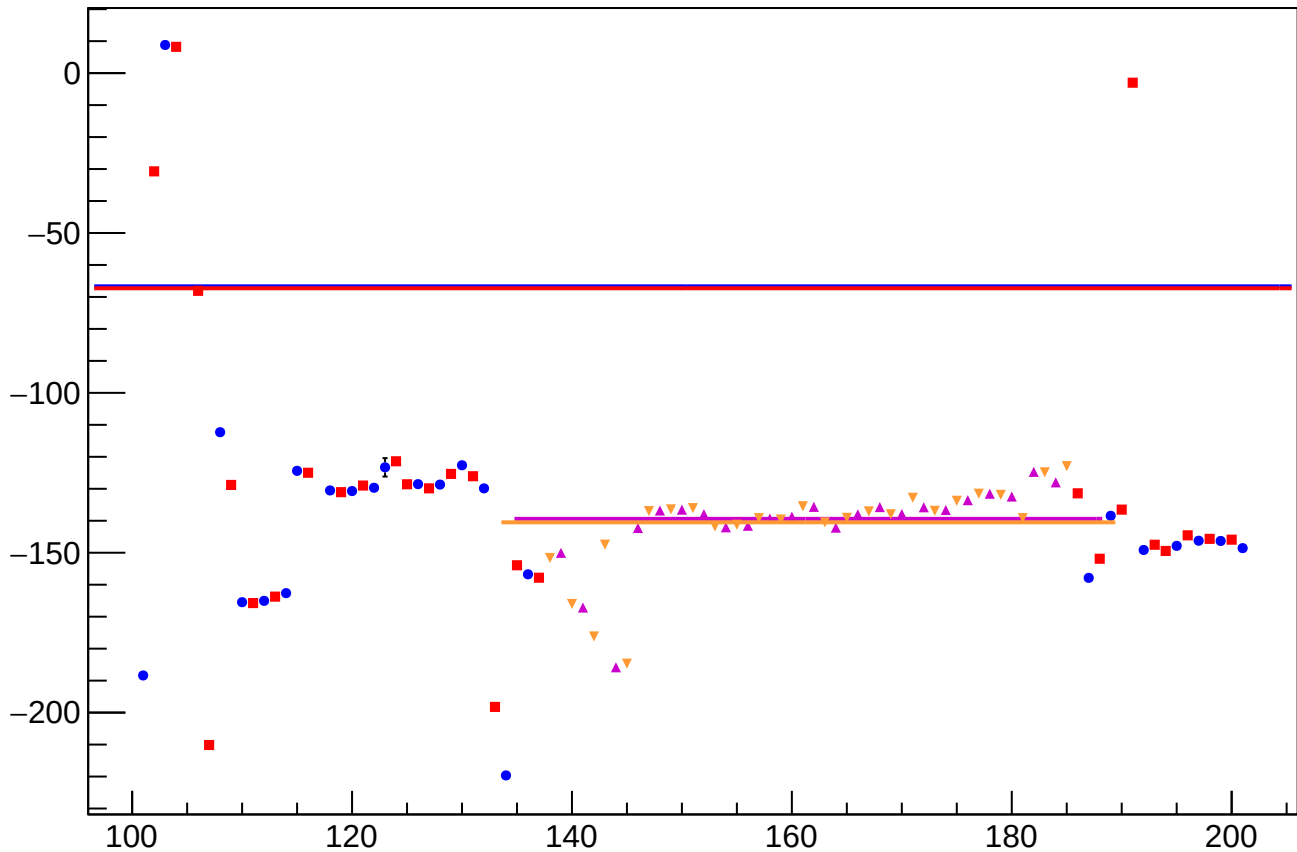
Left In: 63.944 $\pm$ 0.961 χ^2/NDF :803.4/22

+ sign 62.810 $\pm$ 0.808 χ^2/NDF : 1903.9/48

All: 60.161 $\pm$ 0.570 χ^2/NDF : 3686.7/98

- sign 57.527 $\pm$ 0.805 χ^2/NDF : 1761.3/49

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -66.688 ± 0.065 χ^2/NDF : 1478330.6/23

Left Out: -140.489 ± 0.045 χ^2/NDF : 77350.7/24

Right Out: -67.295 ± 0.063 χ^2/NDF : 1320945.0/26

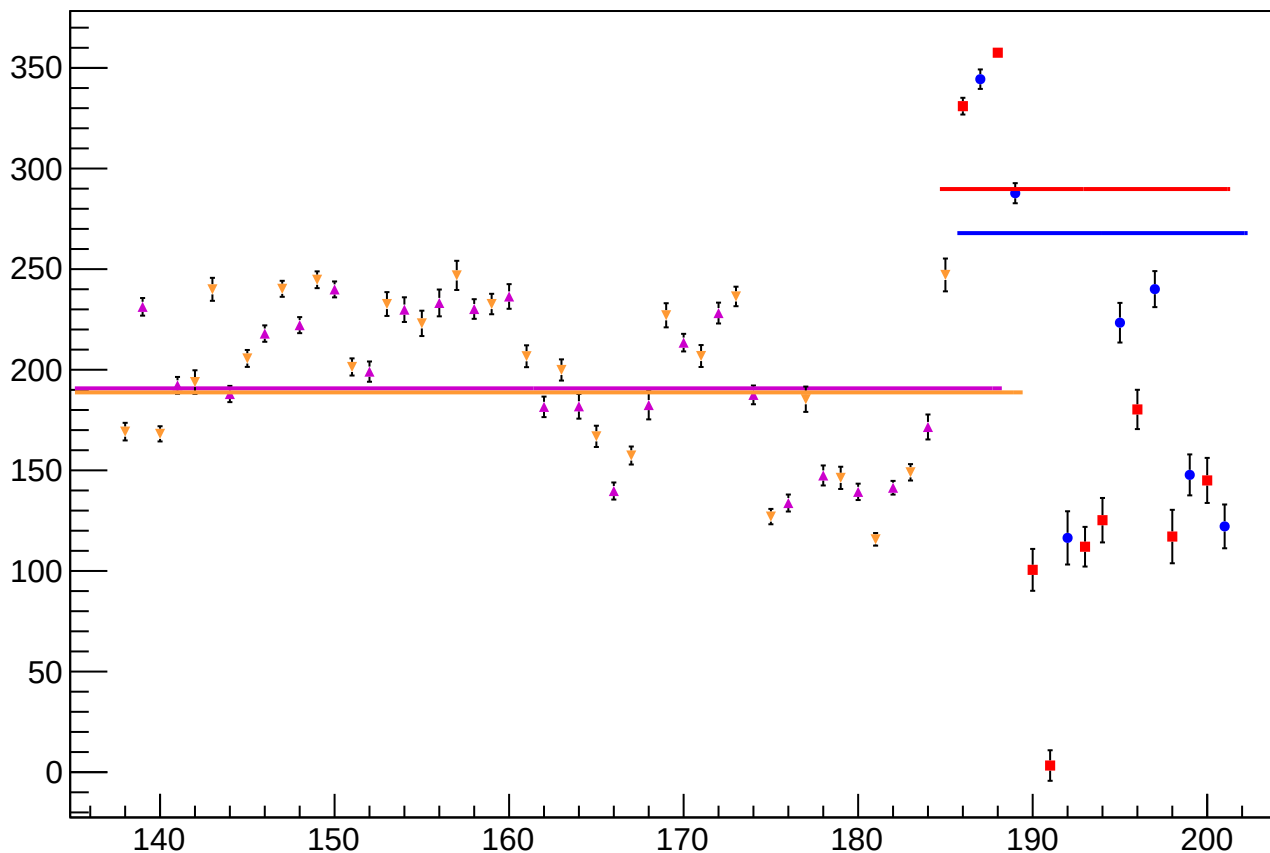
Left In: -139.406 ± 0.045 χ^2/NDF : 62878.4/22

+ sign -116.866 ± 0.037 χ^2/NDF : 2428530.7/48

All: -116.015 ± 0.026 χ^2/NDF : 4682422.6/98

- sign -115.179 ± 0.037 χ^2/NDF : 2252835.0/49

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 267.904 $\pm$ 2.781 χ^2 /NDF: 745.3/6

Left Out: 188.749 $\pm$ 0.958 χ^2 /NDF:1968.6/24

Right Out: 289.804 $\pm$ 1.868 χ^2 /NDF: 3594.5/8

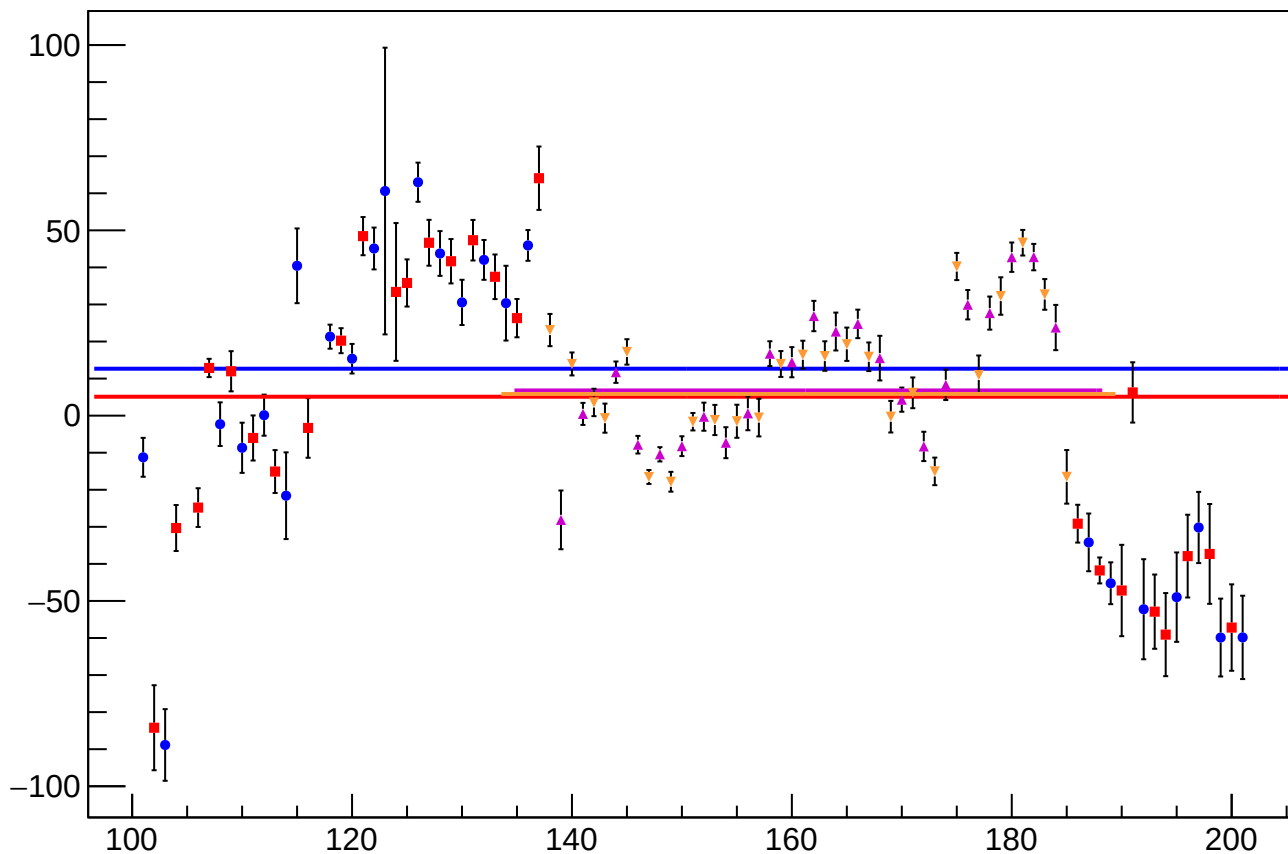
Left In: 190.753 $\pm$ 0.971 χ^2 /NDF:1421.8/22

+ sign 197.149 $\pm$ 0.906 χ^2 /NDF: 3438.3/31

All: 204.849 $\pm$ 0.624 χ^2 /NDF: 10805.0/63

- sign 211.815 $\pm$ 0.862 χ^2 /NDF: 7229.1/31

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.664 ± 1.272 $\chi^2/\text{NDF}: 733.8/23$

Left Out: 5.851 ± 0.714 $\chi^2/\text{NDF}: 650.6/24$

Right Out: 5.106 ± 1.091 $\chi^2/\text{NDF}: 867.8/26$

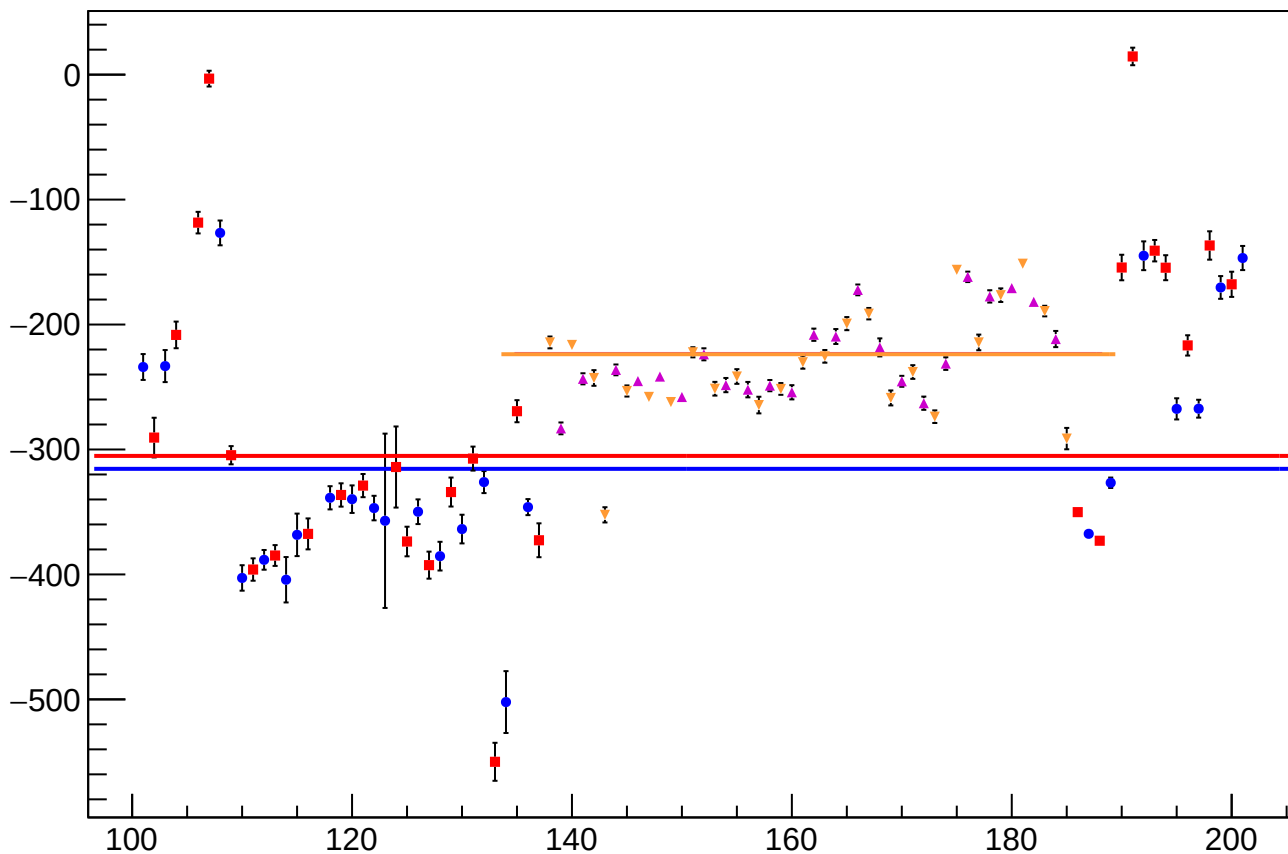
Left In: 6.797 ± 0.735 $\chi^2/\text{NDF}: 525.8/22$

+ sign 7.484 ± 0.623 $\chi^2/\text{NDF}: 1406.2/48$

All: 6.863 ± 0.436 $\chi^2/\text{NDF}: 2803.5/98$

- sign 6.269 ± 0.609 $\chi^2/\text{NDF}: 1395.3/49$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -315.492 ± 1.722 χ^2/NDF : 1860.9/23

Left Out: -223.752 ± 0.958 χ^2/NDF : 2021.5/24

Right Out: -305.138 ± 1.282 χ^2/NDF : 8209.7/26

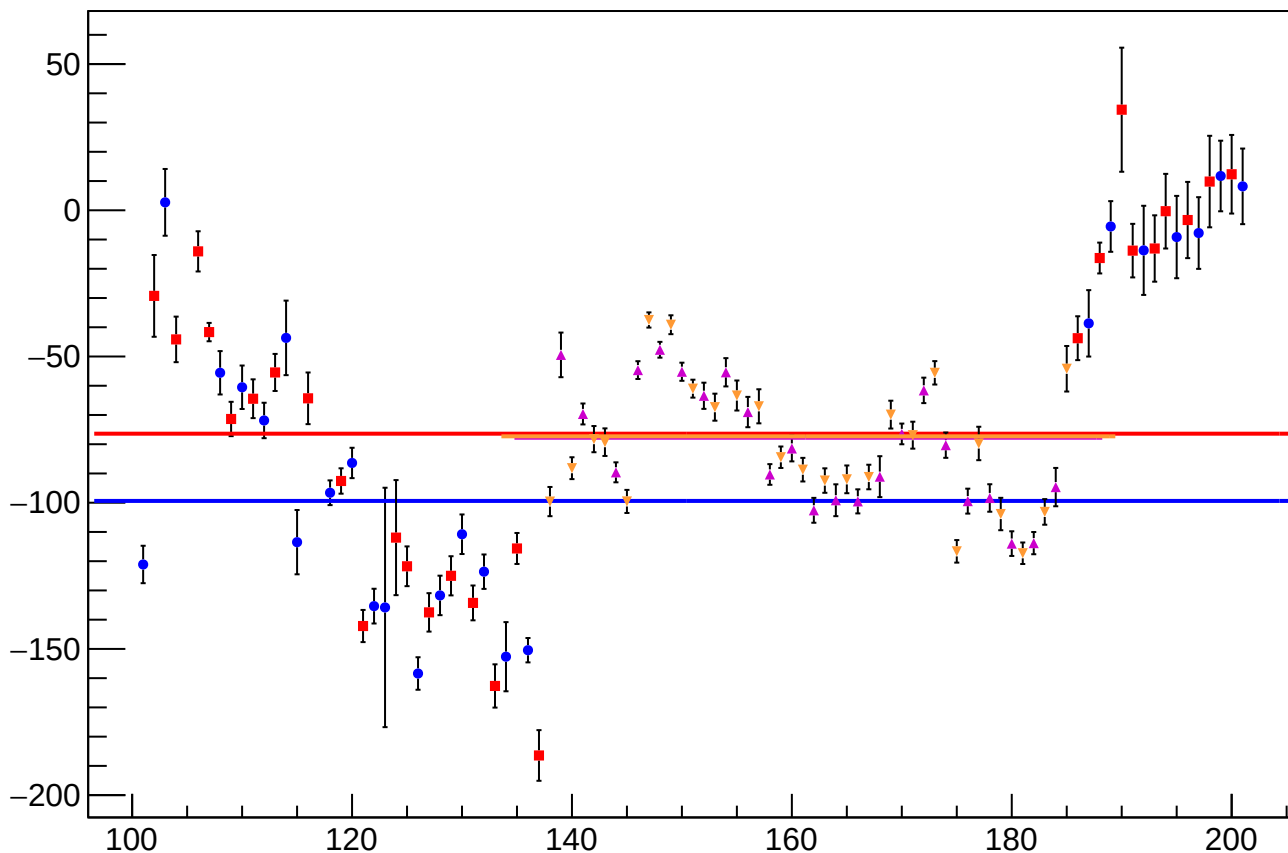
Left In: -223.554 ± 0.966 χ^2/NDF : 1286.5/22

+ sign -245.438 ± 0.837 χ^2/NDF : 6050.4/48

All: -249.575 ± 0.567 χ^2/NDF : 18176.0/98

- sign -253.087 ± 0.771 χ^2/NDF : 12080.4/49

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -99.390 ± 1.488 χ^2/NDF : 993.8/23

Left Out: -77.296 ± 0.829 χ^2/NDF : 844.6/24

Right Out: -76.395 ± 1.310 χ^2/NDF : 1435.4/26

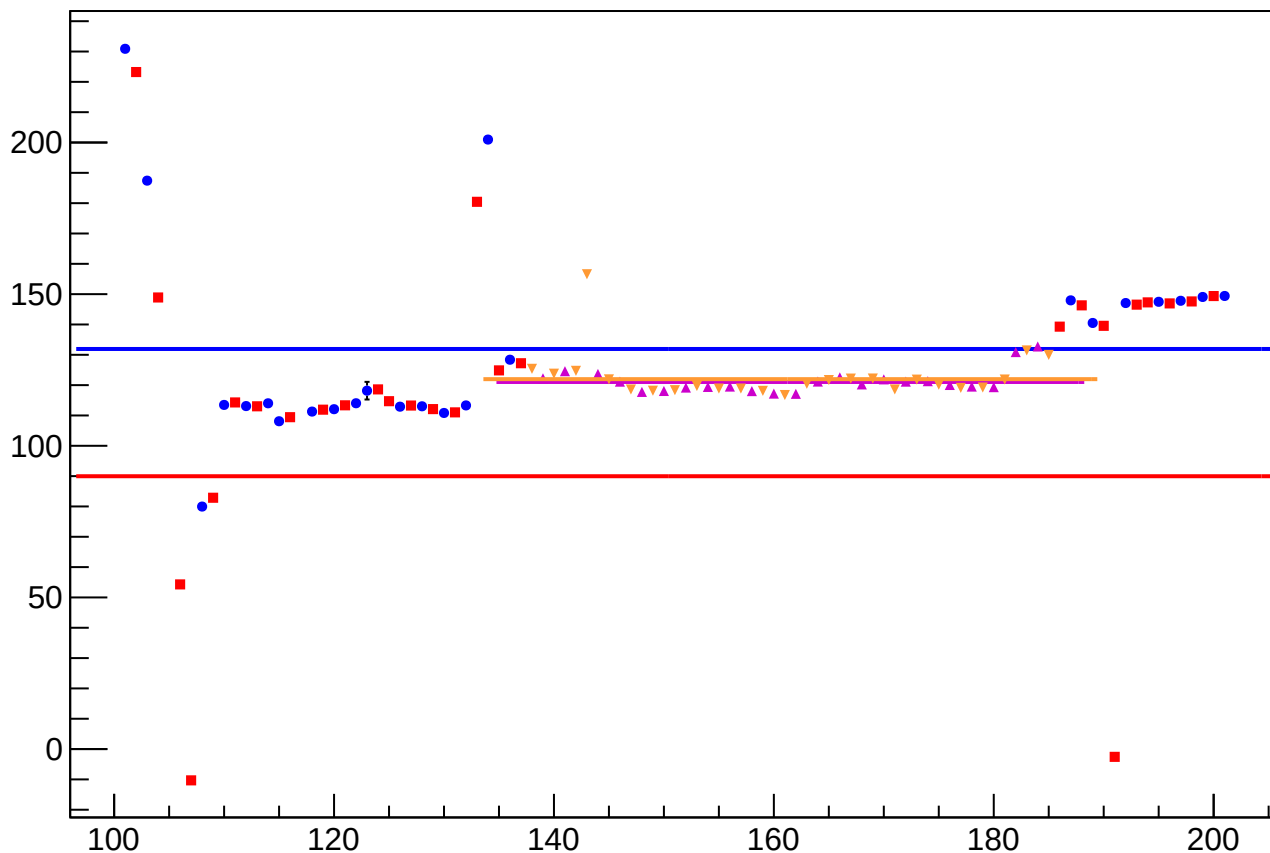
Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

+ sign -82.528 ± 0.724 χ^2/NDF : 2006.7/48

All: -79.903 ± 0.507 χ^2/NDF : 4093.2/98

- sign -77.370 ± 0.711 χ^2/NDF : 2060.7/49

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 131.923 $\pm$ 0.078 χ^2 /NDF: 200345.8/23

Left Out: 121.972 $\pm$ 0.039 χ^2 /NDF: 27431.1/24

Right Out: 89.964 $\pm$ 0.064 χ^2 /NDF: 1059525.4/26

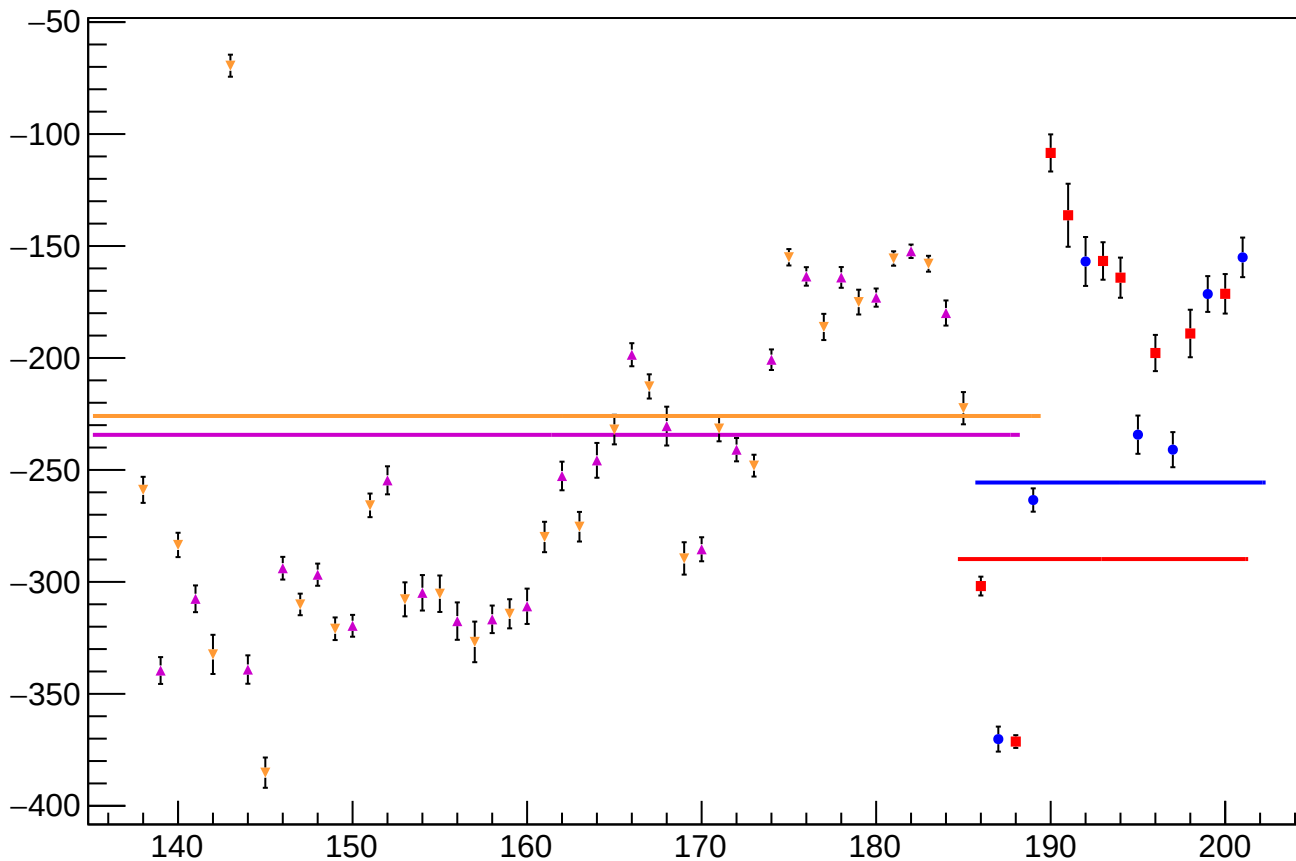
Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

+ sign 124.014 $\pm$ 0.035 χ^2 /NDF: 240803.3/48

All: 118.002 $\pm$ 0.024 χ^2 /NDF: 1533779.8/98

- sign 112.499 $\pm$ 0.034 χ^2 /NDF: 1237136.7/49

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -255.619 ± 2.714 χ^2/NDF : 755.1/6

Left Out: -225.905 ± 1.083 χ^2/NDF : 4669.2/24

Right Out: -289.801 ± 1.951 χ^2/NDF : 2271.5/8

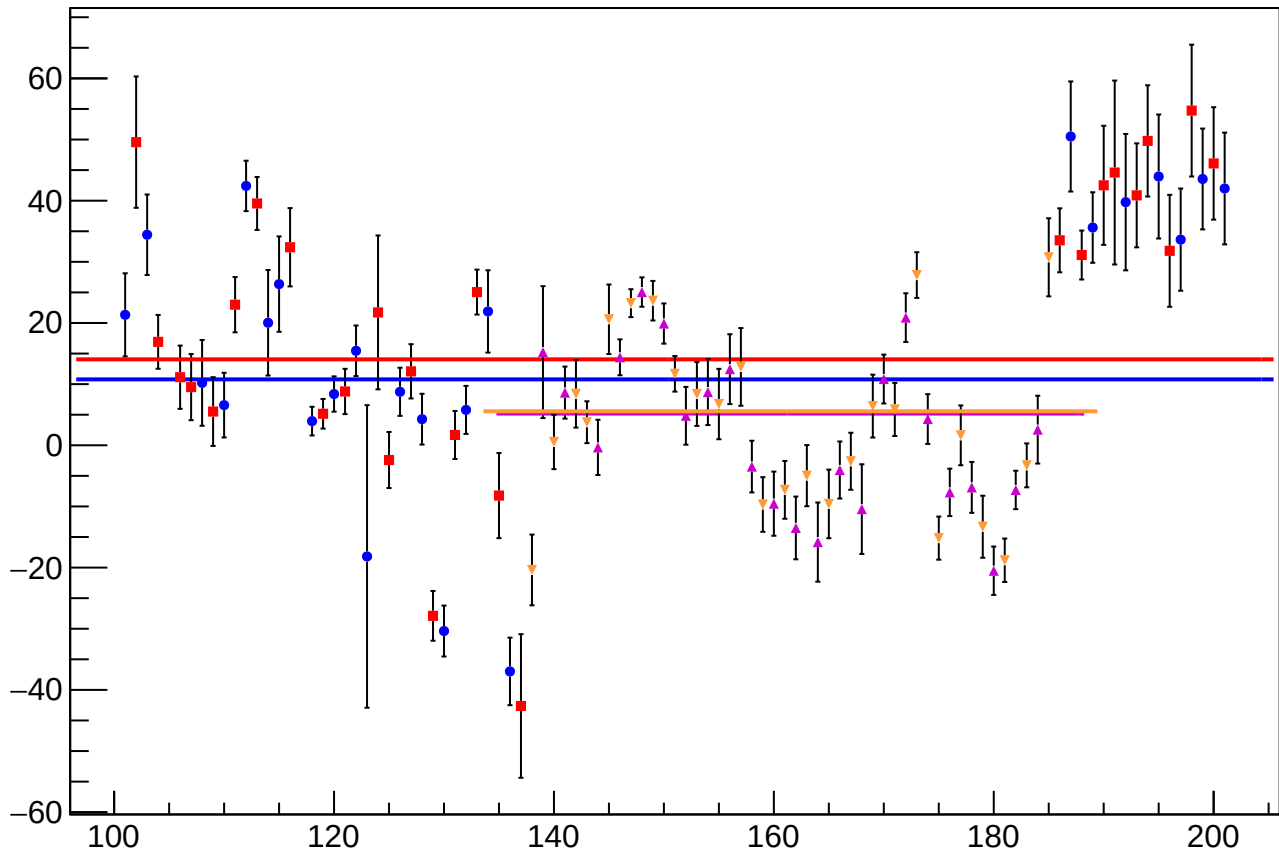
Left In: -234.328 ± 1.104 χ^2/NDF : 3591.9/22

+ sign -229.989 ± 1.006 χ^2/NDF : 5527.6/31

All: -239.300 ± 0.695 χ^2/NDF : 12167.2/63

- sign -247.792 ± 0.961 χ^2/NDF : 6475.9/31

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 10.779 ± 1.024 χ^2/NDF : 361.9/23

Left Out: 5.558 ± 0.832 χ^2/NDF : 313.4/24

Right Out: 14.053 ± 0.982 χ^2/NDF : 349.3/26

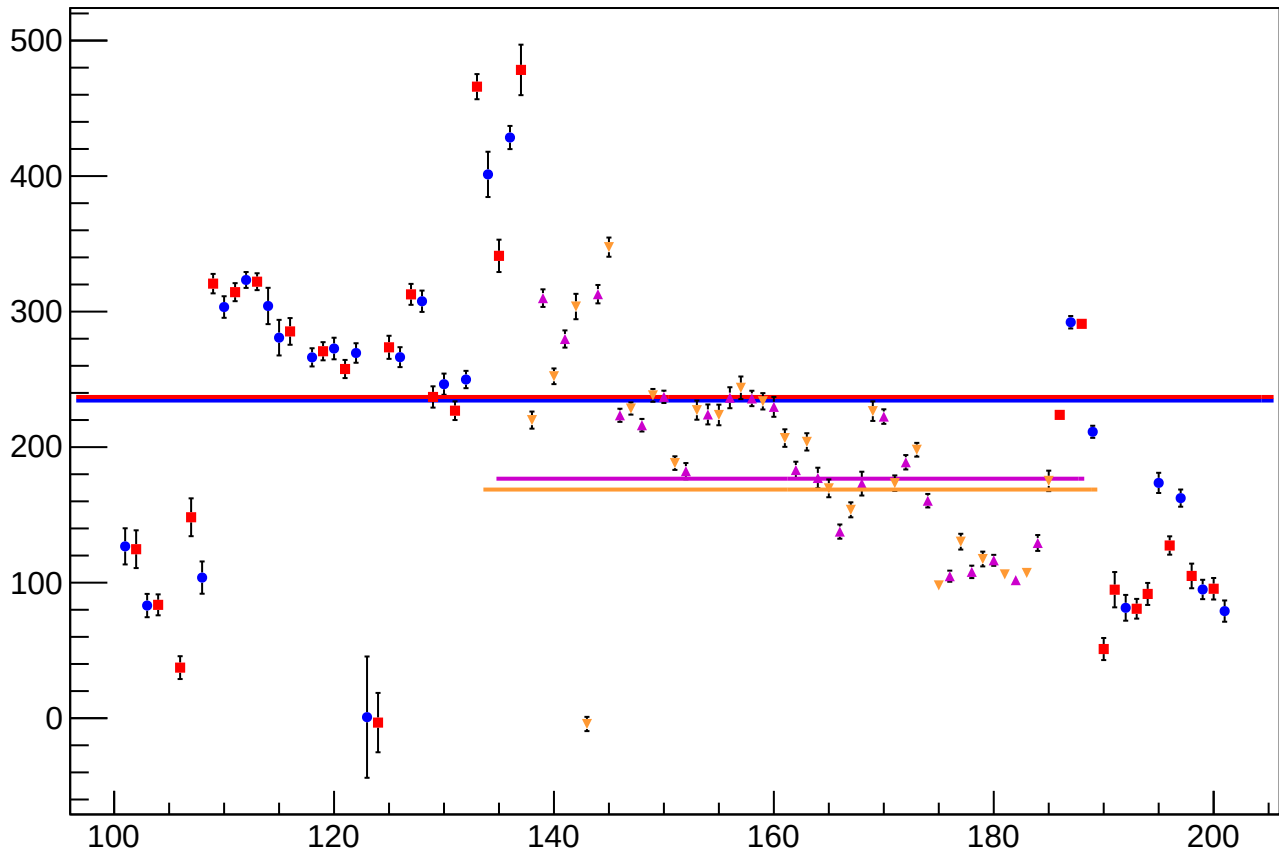
Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

+ sign 7.633 ± 0.646 χ^2/NDF : 691.0/48

All: 8.347 ± 0.458 χ^2/NDF : 1331.7/98

- sign 9.070 ± 0.650 χ^2/NDF : 638.3/49

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 234.377 $\pm$ 1.542 χ^2 /NDF: 3077.3/23

Left Out: 168.699 $\pm$ 1.086 χ^2 /NDF: 4238.2/24

Right Out: 237.016 $\pm$ 1.253 χ^2 /NDF: 5445.3/26

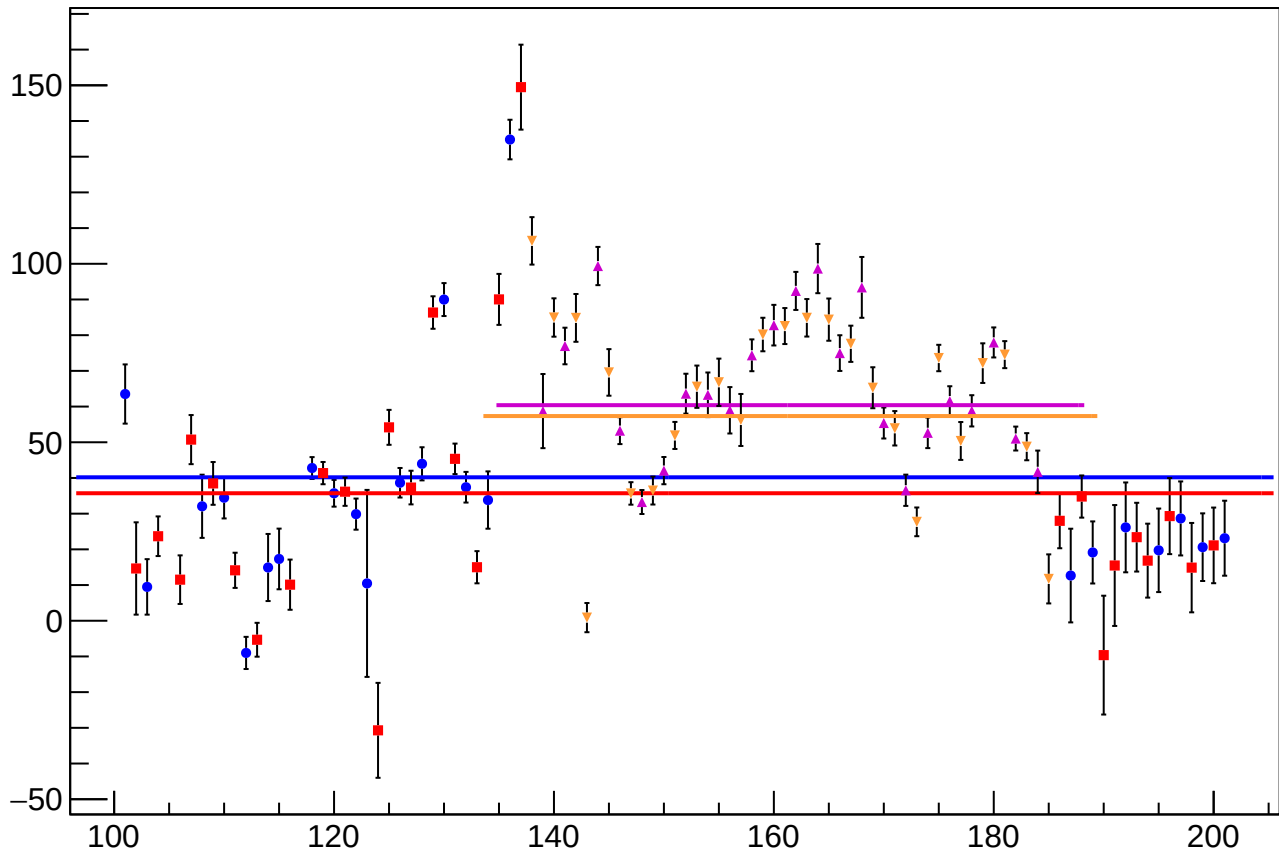
Left In: 176.711 $\pm$ 1.102 χ^2 /NDF: 3234.3/22

+ sign 190.487 $\pm$ 0.888 χ^2 /NDF: 8527.8/48

All: 197.195 $\pm$ 0.605 χ^2 /NDF: 18620.6/98

- sign 203.017 $\pm$ 0.827 χ^2 /NDF: 9986.3/49

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 40.184 $\pm$ 1.198 χ^2 /NDF: 600.4/23

Left Out: 57.343 $\pm$ 0.956 χ^2 /NDF:641.5/24

Right Out: 35.719 $\pm$ 1.155 χ^2 /NDF: 494.1/26

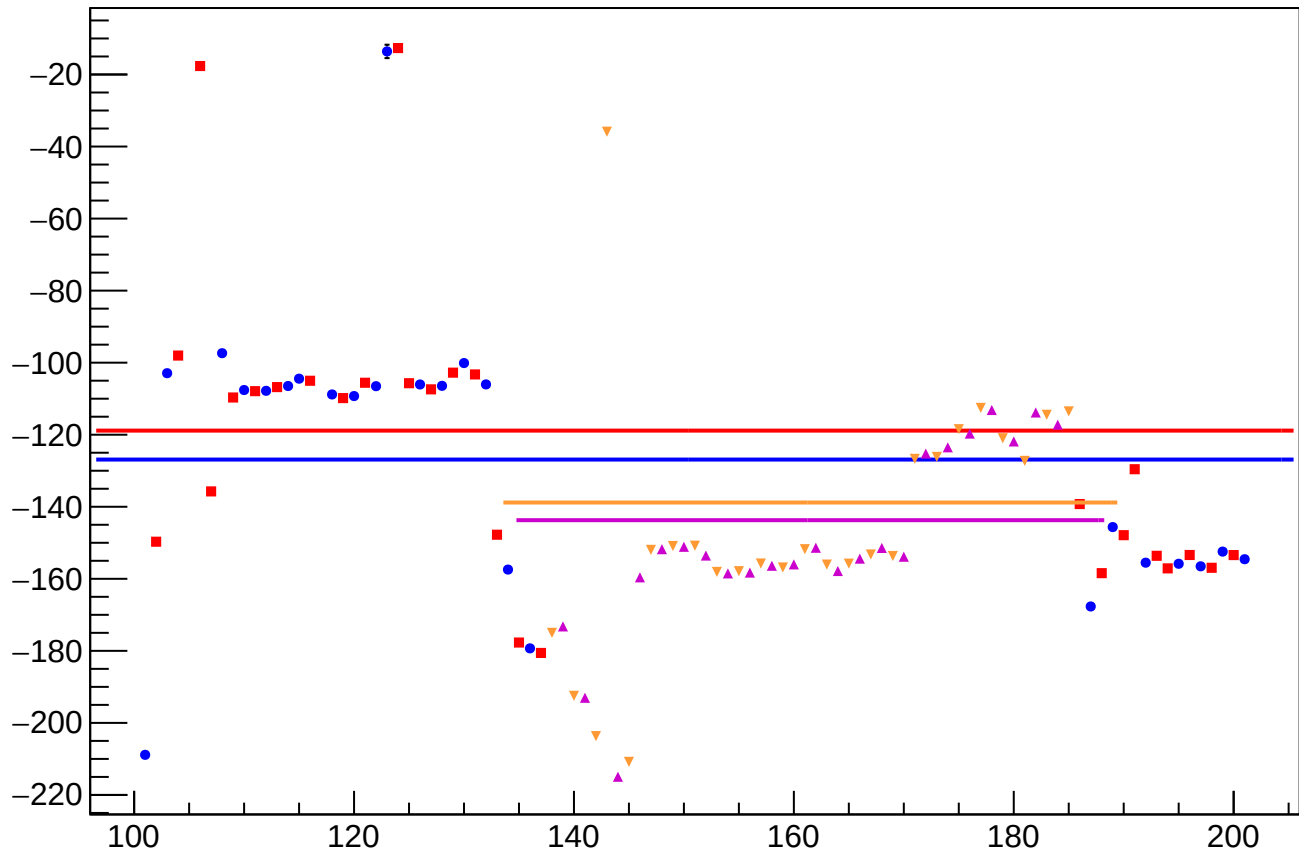
Left In: 60.392 $\pm$ 0.987 χ^2 /NDF:341.2/22

+ sign 50.666 $\pm$ 0.747 χ^2 /NDF: 1367.1/48

All: 50.323 $\pm$ 0.530 χ^2 /NDF: 2466.6/98

- sign 49.976 $\pm$ 0.750 χ^2 /NDF: 1099.1/49

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -126.897 ± 0.067 $\chi^2/\text{NDF}: 199032.9/23$

Left Out: -138.821 ± 0.045 $\chi^2/\text{NDF}: 525537.6/24$

Right Out: -118.860 ± 0.062 $\chi^2/\text{NDF}: 439284.3/26$

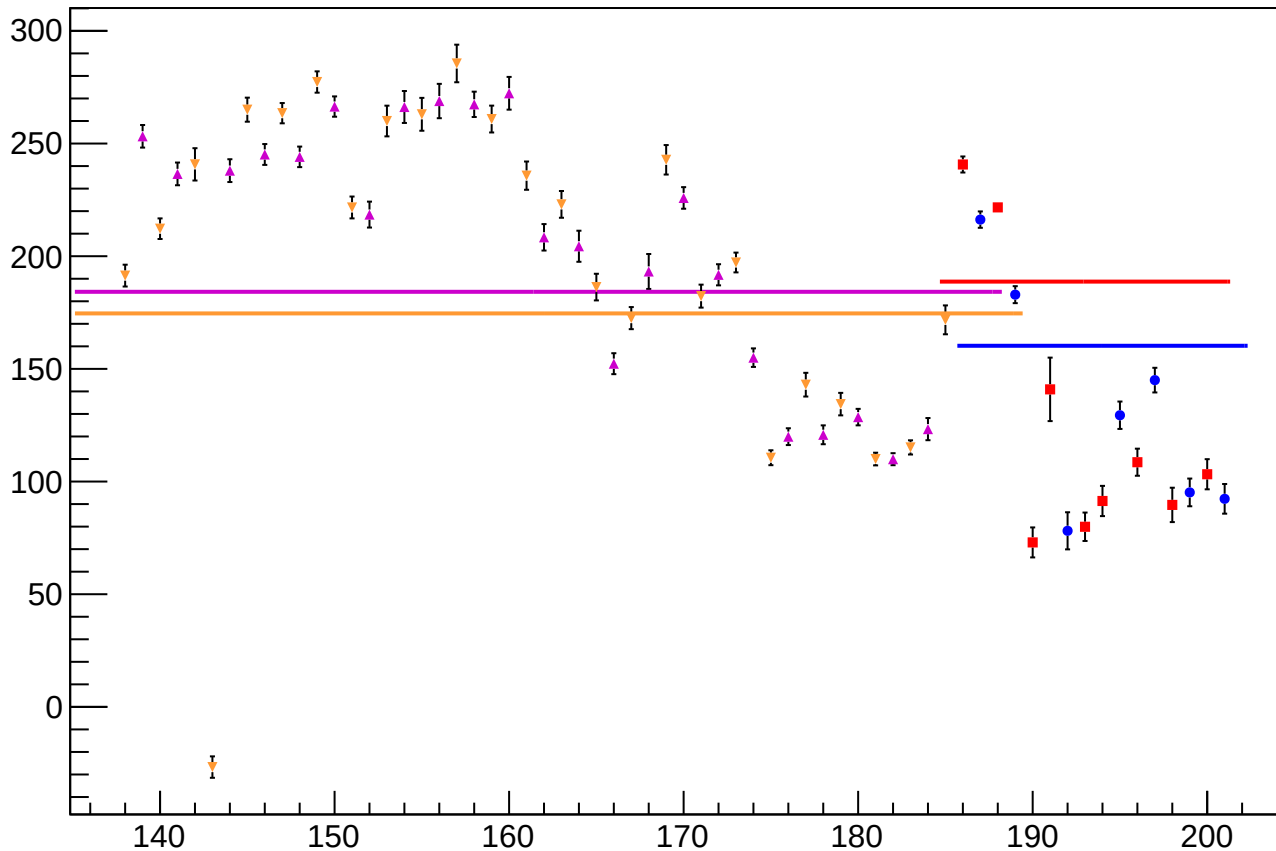
Left In: -143.726 ± 0.046 $\chi^2/\text{NDF}: 260994.5/22$

+ sign -135.093 ± 0.038 $\chi^2/\text{NDF}: 746227.4/48$

All: -134.986 ± 0.026 $\chi^2/\text{NDF}: 1550871.0/98$

- sign -134.882 ± 0.037 $\chi^2/\text{NDF}: 804627.5/49$

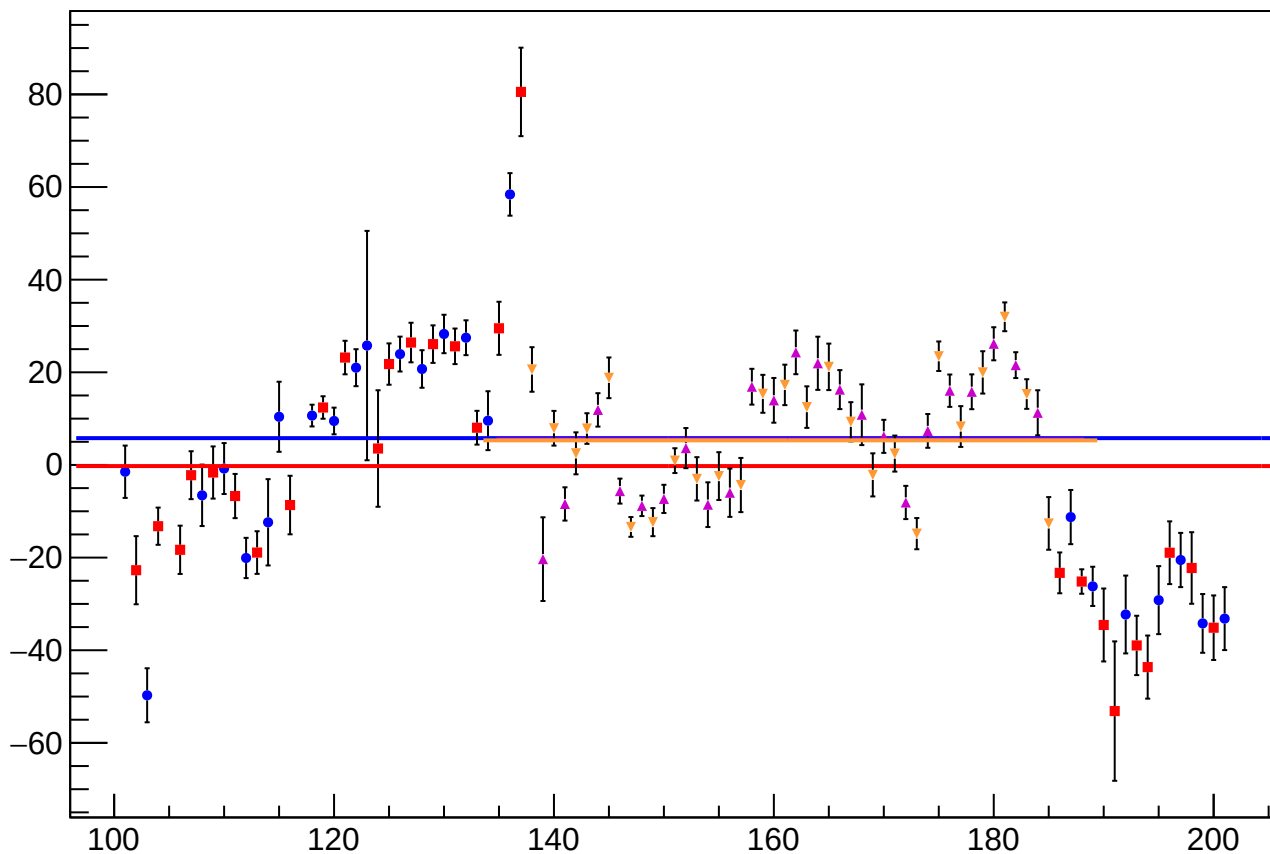
reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 160.255 ± 1.920 $\chi^2/\text{NDF}: 625.6/6$
 Left Out: 174.613 ± 0.969 $\chi^2/\text{NDF}: 5551.3/24$
 Right Out: 188.730 ± 1.402 $\chi^2/\text{NDF}: 1857.6/8$
 Left In: 184.205 ± 0.987 $\chi^2/\text{NDF}: 3637.1/22$

+ sign 171.699 ± 0.865 $\chi^2/\text{NDF}: 6221.4/31$
 All: 179.189 ± 0.590 $\chi^2/\text{NDF}: 11863.2/63$
 - sign 185.705 ± 0.807 $\chi^2/\text{NDF}: 5501.6/31$

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 5.789 ± 0.957 $\chi^2/\text{NDF}: 590.6/23$

Left Out: 5.314 ± 0.750 $\chi^2/\text{NDF}: 345.1/24$

Right Out: -0.241 ± 0.903 $\chi^2/\text{NDF}: 641.6/26$

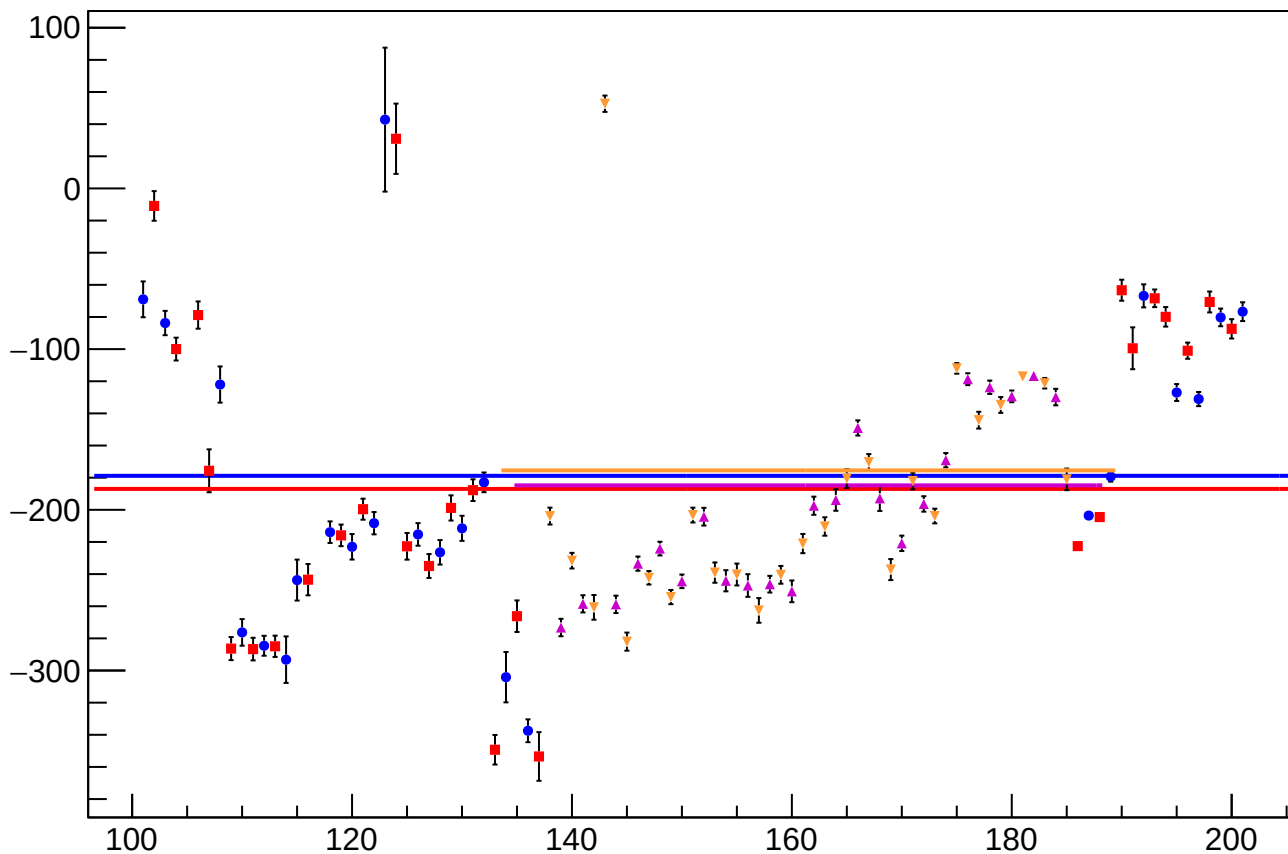
Left In: 5.483 ± 0.779 $\chi^2/\text{NDF}: 259.1/22$

+ sign 5.495 ± 0.591 $\chi^2/\text{NDF}: 935.9/48$

All: 4.267 ± 0.417 $\chi^2/\text{NDF}: 1868.2/98$

- sign 3.042 ± 0.590 $\chi^2/\text{NDF}: 923.7/49$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -178.846 ± 1.259 χ^2/NDF : 2701.6/23

Left Out: -175.470 ± 0.974 χ^2/NDF : 5103.8/24

Right Out: -186.990 ± 0.991 χ^2/NDF : 4365.0/26

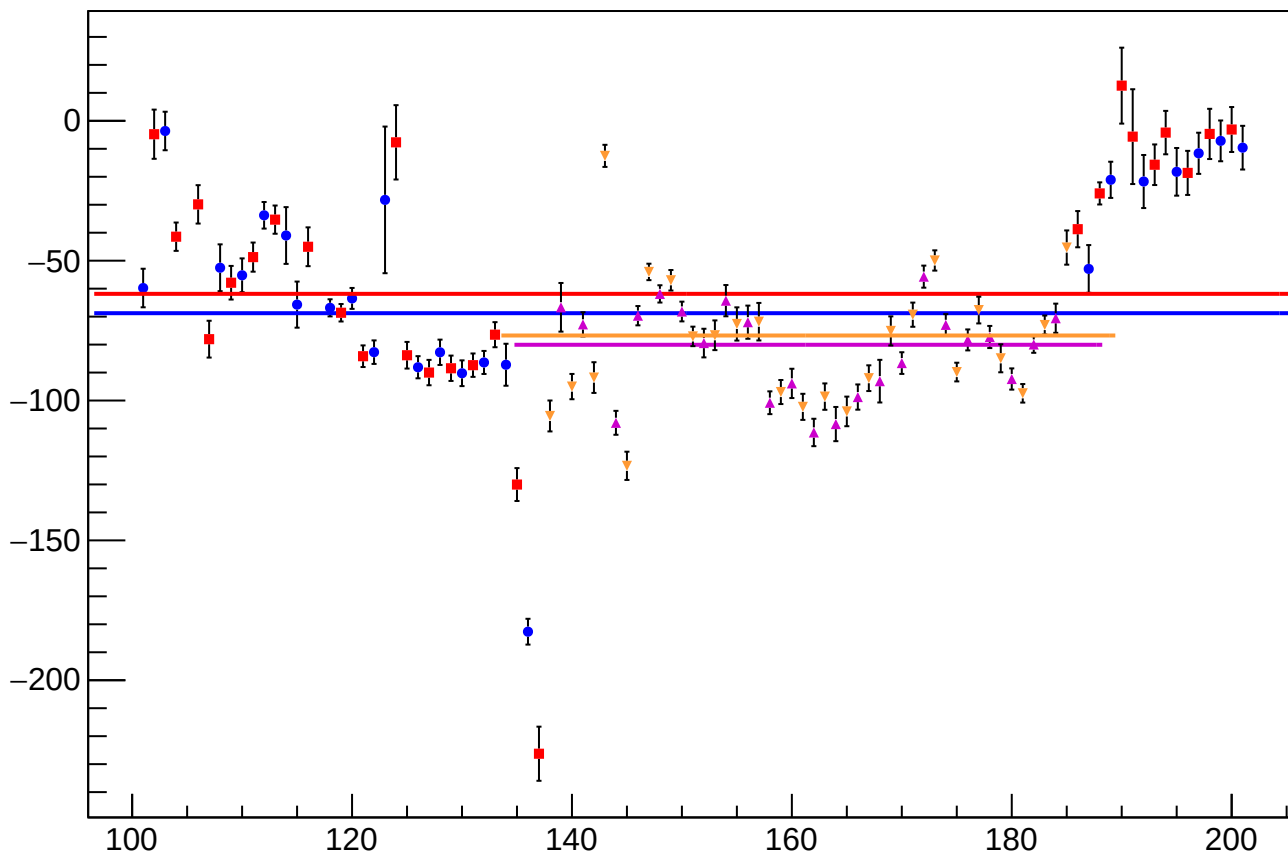
Left In: -184.774 ± 0.987 χ^2/NDF : 3082.4/22

+ sign -176.734 ± 0.770 χ^2/NDF : 7809.8/48

All: -181.747 ± 0.518 χ^2/NDF : 15337.0/98

- sign -185.877 ± 0.699 χ^2/NDF : 7449.9/49

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -68.775 $\pm$ 1.126 χ^2/NDF : 1173.4/23

Left Out: -76.747 $\pm$ 0.861 χ^2/NDF : 746.8/24

Right Out: -61.857 $\pm$ 1.078 χ^2/NDF : 1102.3/26

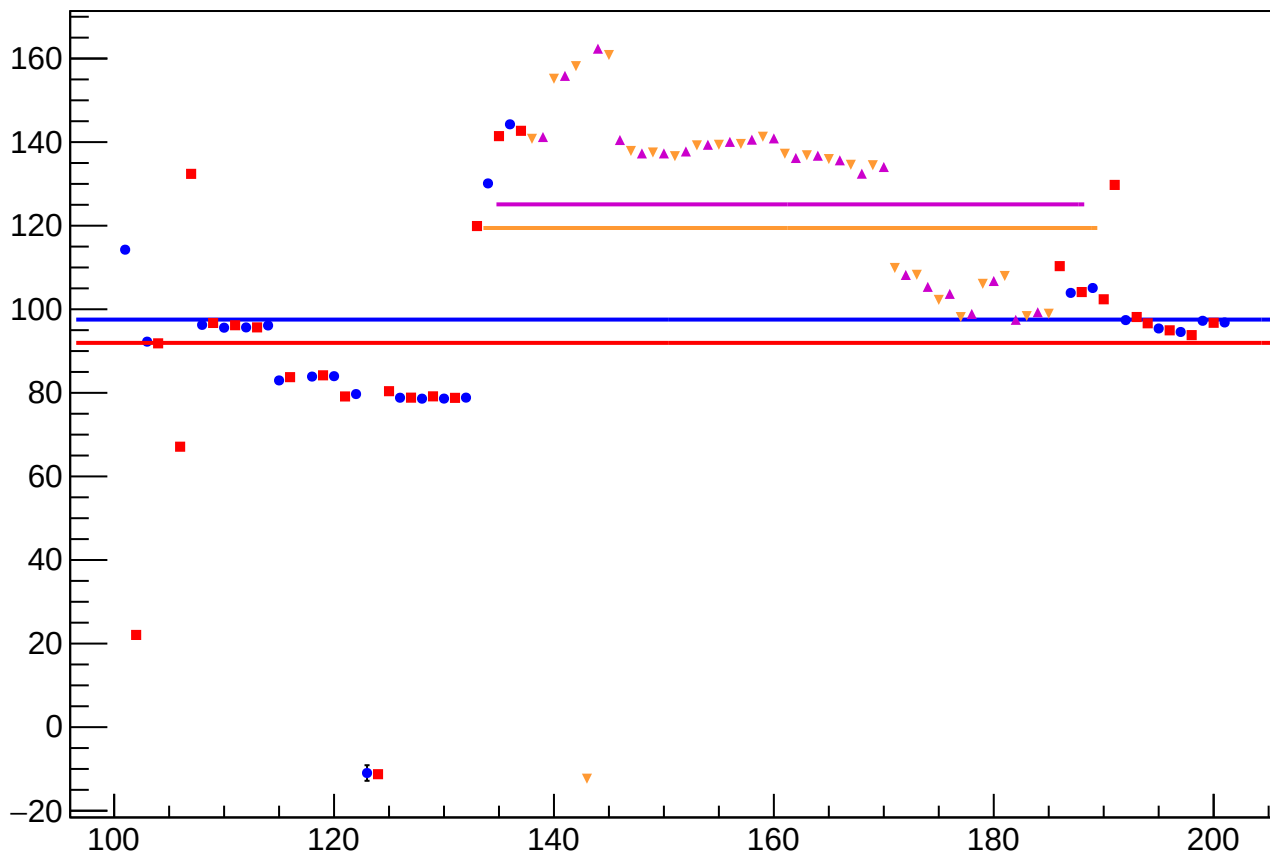
Left In: -80.068 $\pm$ 0.886 χ^2/NDF : 286.8/22

+ sign -73.807 $\pm$ 0.684 χ^2/NDF : 1951.8/48

All: -73.266 $\pm$ 0.484 χ^2/NDF : 3512.5/98

- sign -72.725 $\pm$ 0.685 χ^2/NDF : 1559.4/49

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.532 $\pm$ 0.059 χ^2 /NDF: 95539.6/23

Left Out: 119.448 $\pm$ 0.041 χ^2 /NDF: 660075.8/24

Right Out: 91.955 $\pm$ 0.054 χ^2 /NDF: 240524.9/26

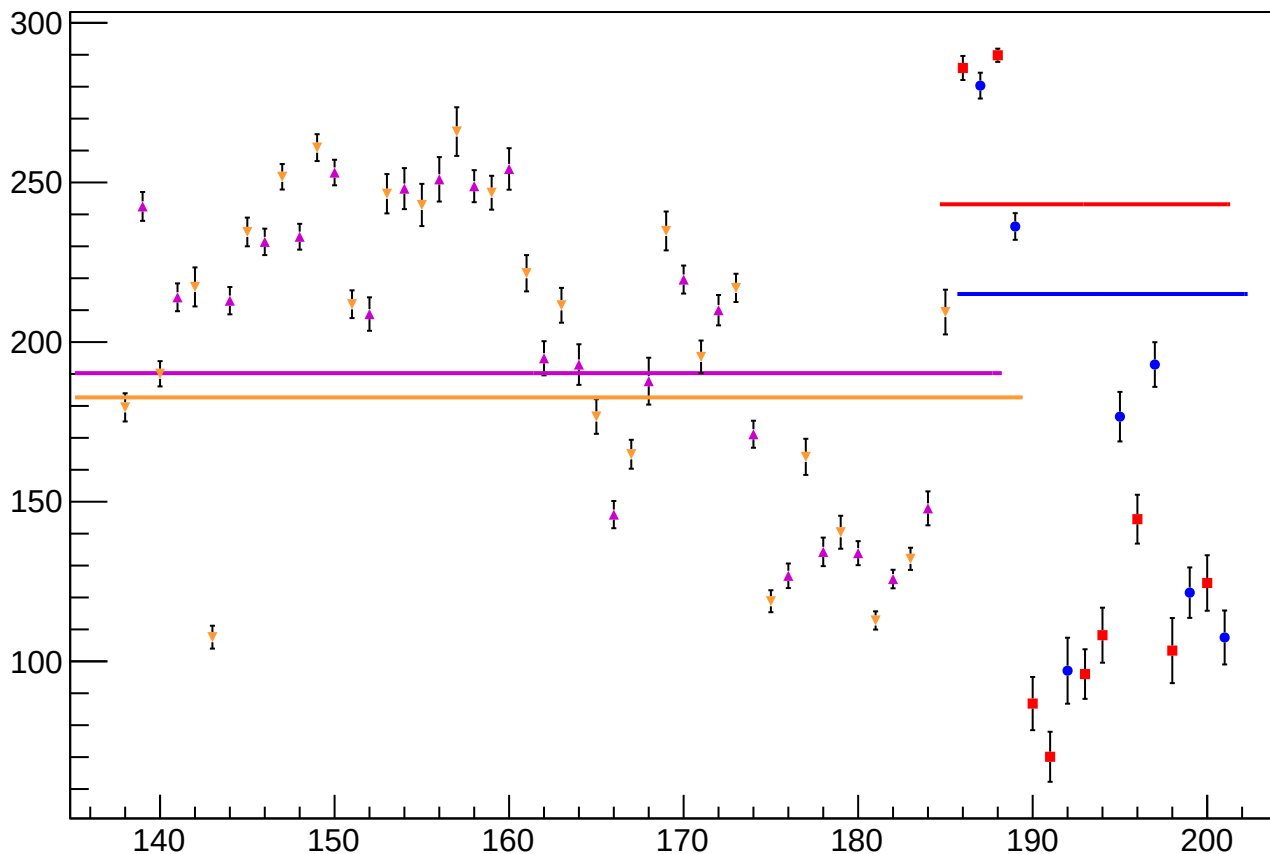
Left In: 125.101 $\pm$ 0.041 χ^2 /NDF: 222793.3/22

+ sign 112.395 $\pm$ 0.033 χ^2 /NDF: 849260.9/48

All: 112.692 $\pm$ 0.023 χ^2 /NDF: 1550674.4/98

- sign 112.976 $\pm$ 0.033 χ^2 /NDF: 701259.5/49

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 215.060 ± 2.265 $\chi^2/\text{NDF}: 753.0/6$

Left Out: 182.672 ± 0.919 $\chi^2/\text{NDF}: 3230.7/24$

Right Out: 243.166 ± 1.571 $\chi^2/\text{NDF}: 2622.2/8$

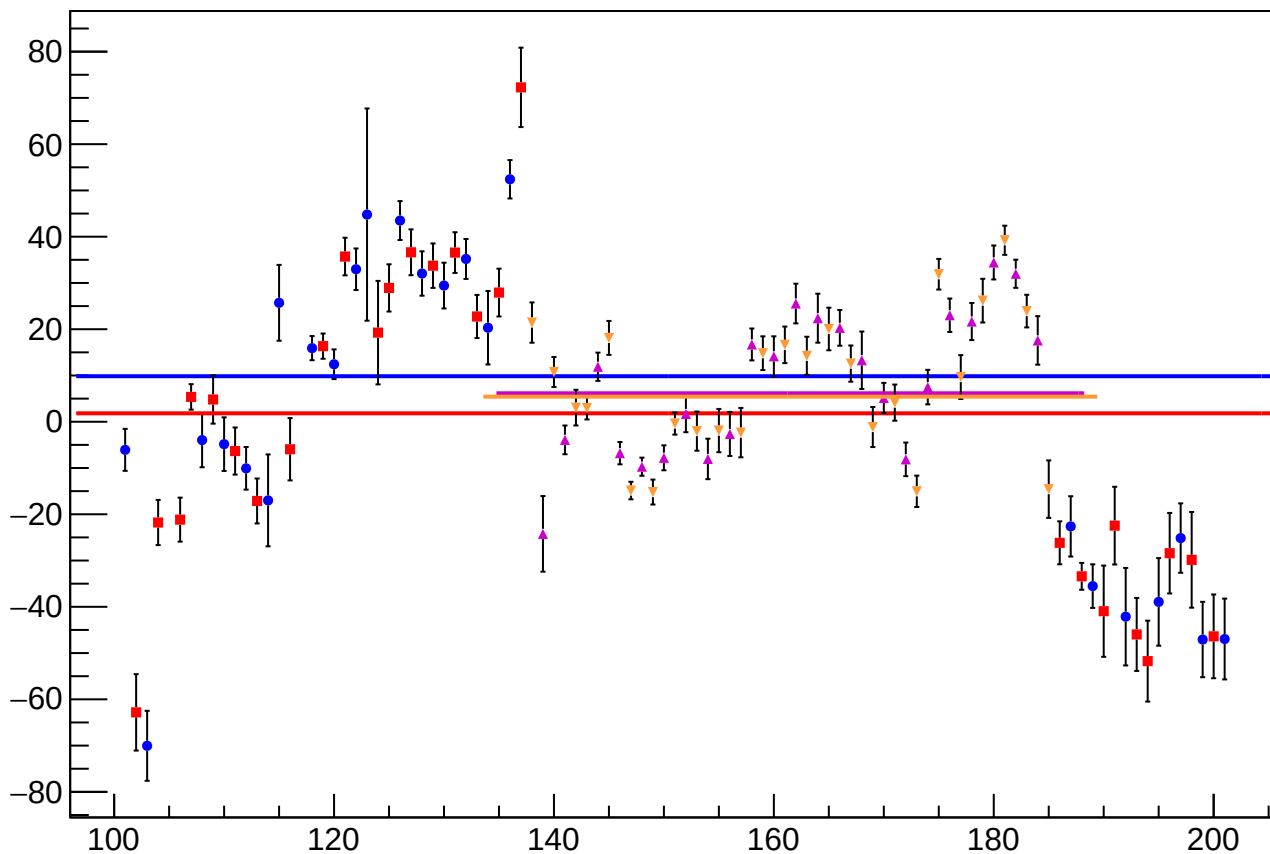
Left In: 190.279 ± 0.949 $\chi^2/\text{NDF}: 2452.9/22$

+ sign 187.245 ± 0.851 $\chi^2/\text{NDF}: 4159.2/31$

All: 196.229 ± 0.588 $\chi^2/\text{NDF}: 10277.1/63$

- sign 204.411 ± 0.812 $\chi^2/\text{NDF}: 5905.0/31$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 9.843 ± 1.057 $\chi^2/\text{NDF}: 724.4/23$

Left Out: 5.425 ± 0.693 $\chi^2/\text{NDF}: 525.2/24$

Right Out: 1.825 ± 0.954 $\chi^2/\text{NDF}: 861.1/26$

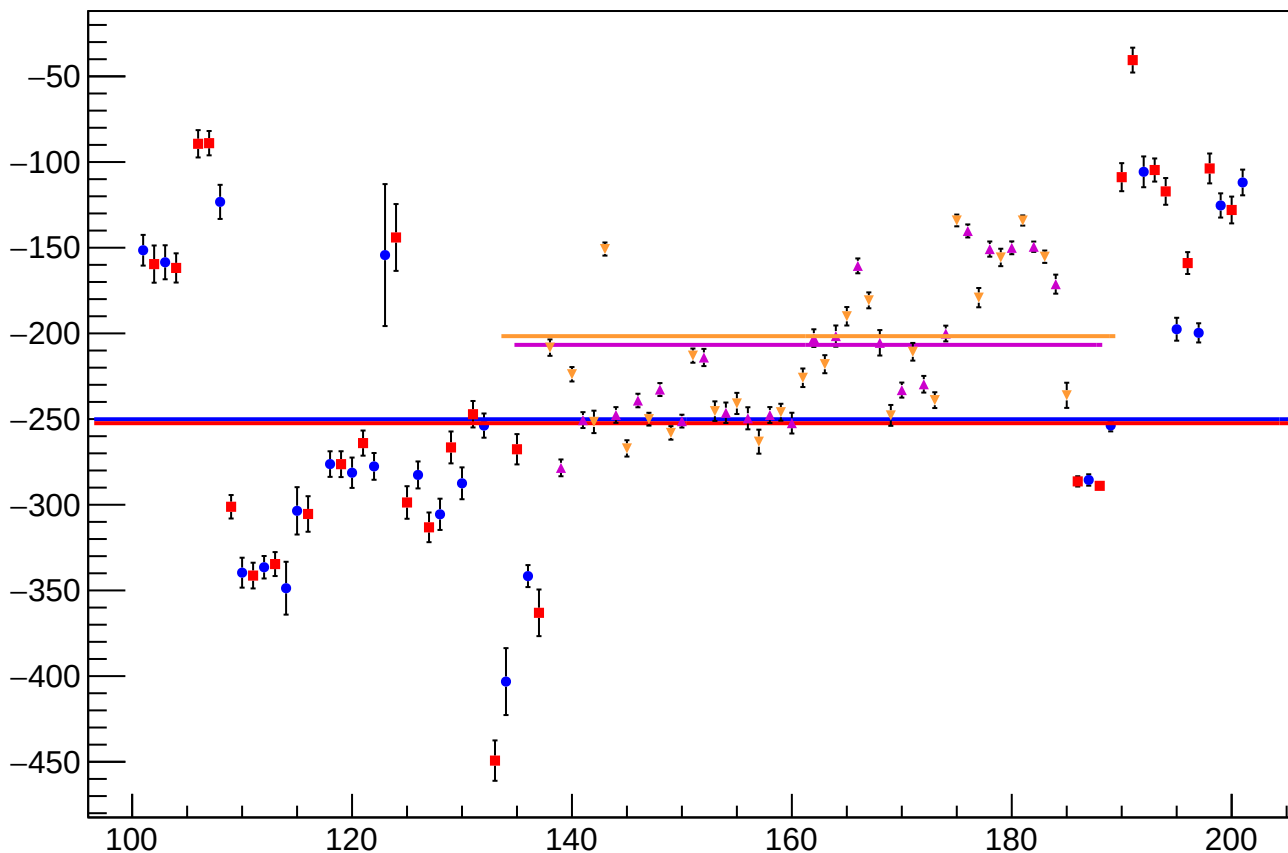
Left In: 6.151 ± 0.730 $\chi^2/\text{NDF}: 410.6/22$

+ sign 6.753 ± 0.579 $\chi^2/\text{NDF}: 1261.8/48$

All: 5.653 ± 0.410 $\chi^2/\text{NDF}: 2553.6/98$

- sign 4.553 ± 0.580 $\chi^2/\text{NDF}: 1284.7/49$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -250.105 ± 1.428 $\chi^2/\text{NDF}: 2247.4/23$

Left Out: -201.610 ± 0.922 $\chi^2/\text{NDF}: 2462.4/24$

Right Out: -252.413 ± 1.089 $\chi^2/\text{NDF}: 5266.8/26$

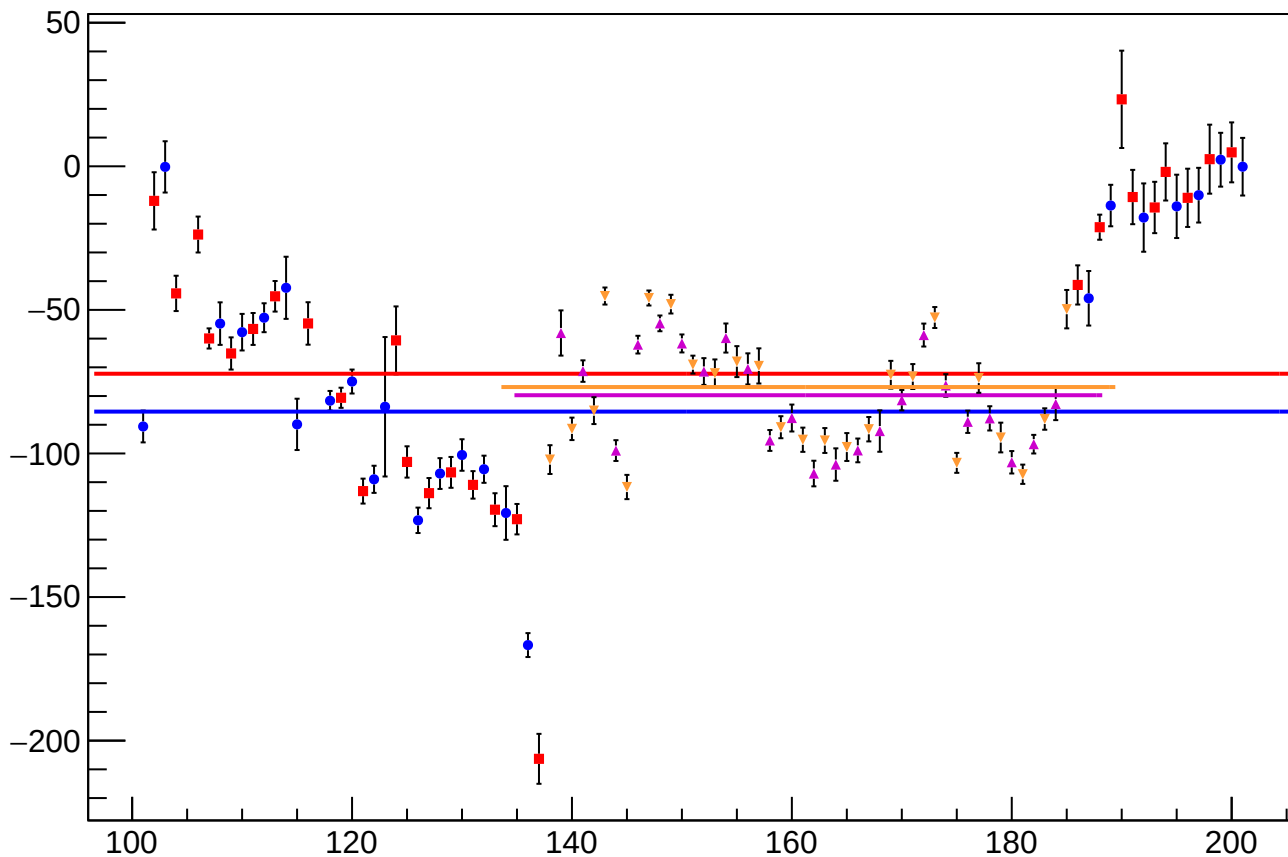
Left In: -206.700 ± 0.946 $\chi^2/\text{NDF}: 2134.9/22$

+ sign -215.886 ± 0.775 $\chi^2/\text{NDF}: 5523.5/48$

All: -221.549 ± 0.525 $\chi^2/\text{NDF}: 14027.9/98$

- sign -226.360 ± 0.714 $\chi^2/\text{NDF}: 8405.7/49$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -85.422 $\pm$ 1.241 χ^2/NDF : 1141.5/23

Left Out: -76.870 $\pm$ 0.802 χ^2/NDF : 758.7/24

Right Out: -72.234 $\pm$ 1.142 χ^2/NDF : 1315.8/26

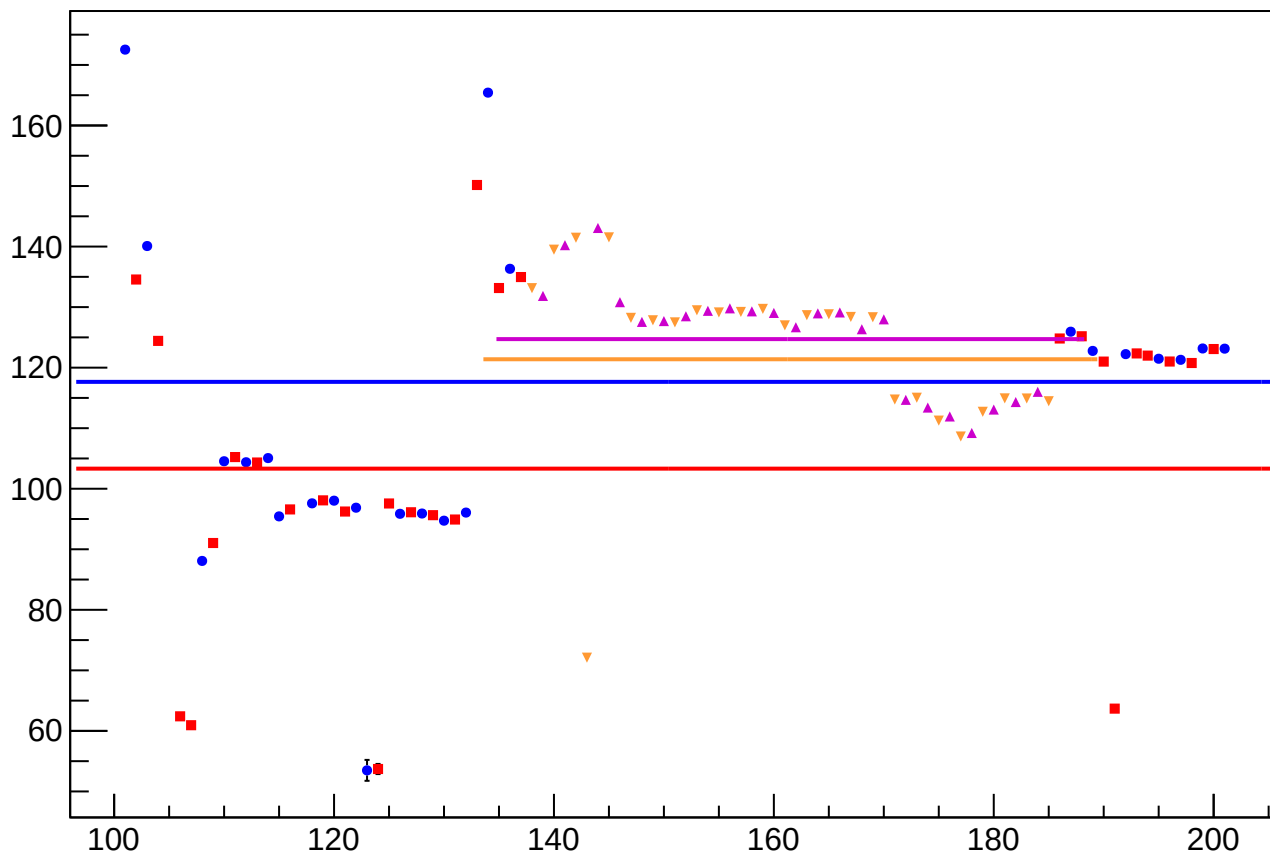
Left In: -79.719 $\pm$ 0.837 χ^2/NDF : 415.2/22

+ sign -79.389 $\pm$ 0.673 χ^2/NDF : 1933.7/48

All: -78.248 $\pm$ 0.477 χ^2/NDF : 3698.4/98

- sign -77.101 $\pm$ 0.675 χ^2/NDF : 1758.9/49

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 117.653 $\pm$ 0.066 χ^2 /NDF: 108659.4/23

Left Out: 121.385 $\pm$ 0.038 χ^2 /NDF:164871.1/24

Right Out: 103.319 $\pm$ 0.057 χ^2 /NDF: 228724.9/26

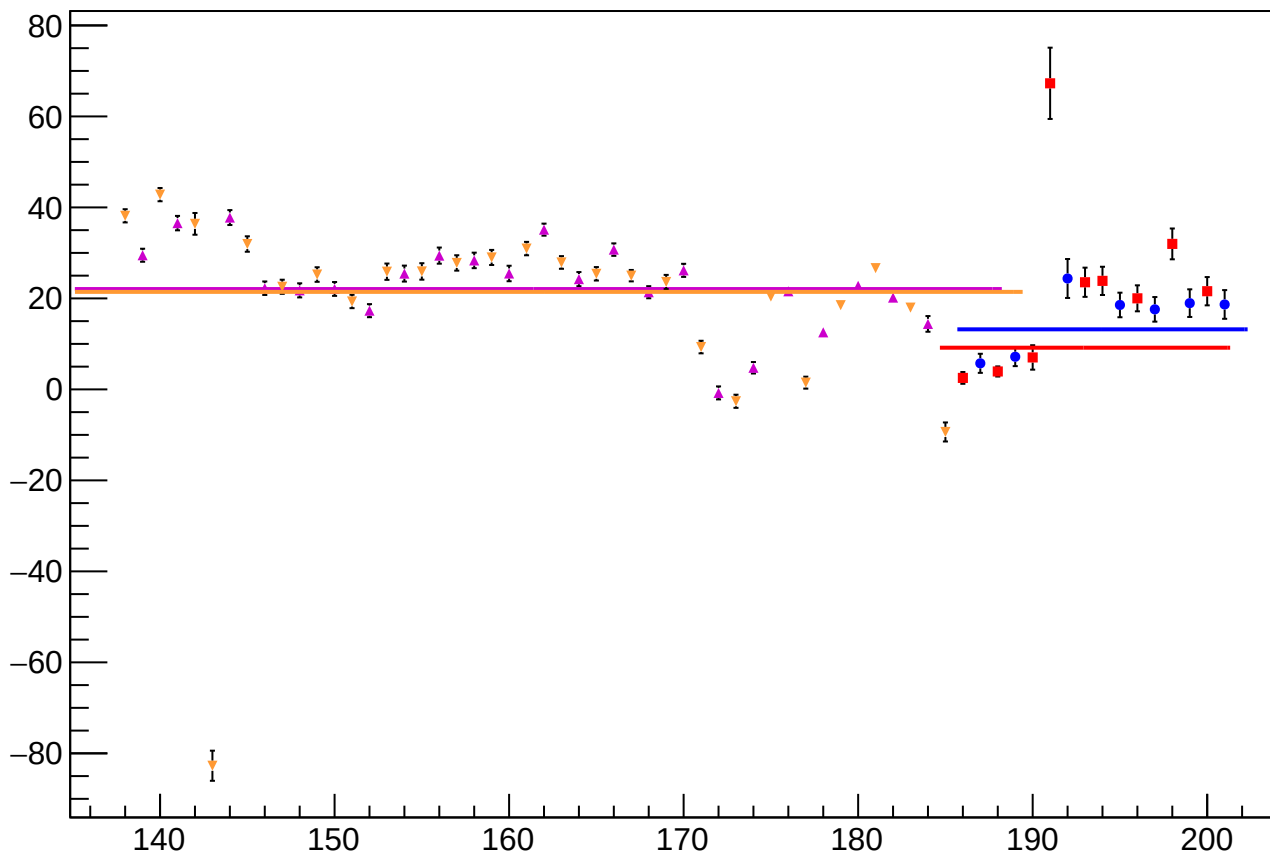
Left In: 124.714 $\pm$ 0.039 χ^2 /NDF:51750.7/22

+ sign 120.451 $\pm$ 0.033 χ^2 /NDF: 275911.6/48

All: 119.136 $\pm$ 0.023 χ^2 /NDF: 655076.2/98

- sign 117.889 $\pm$ 0.032 χ^2 /NDF: 376092.5/49

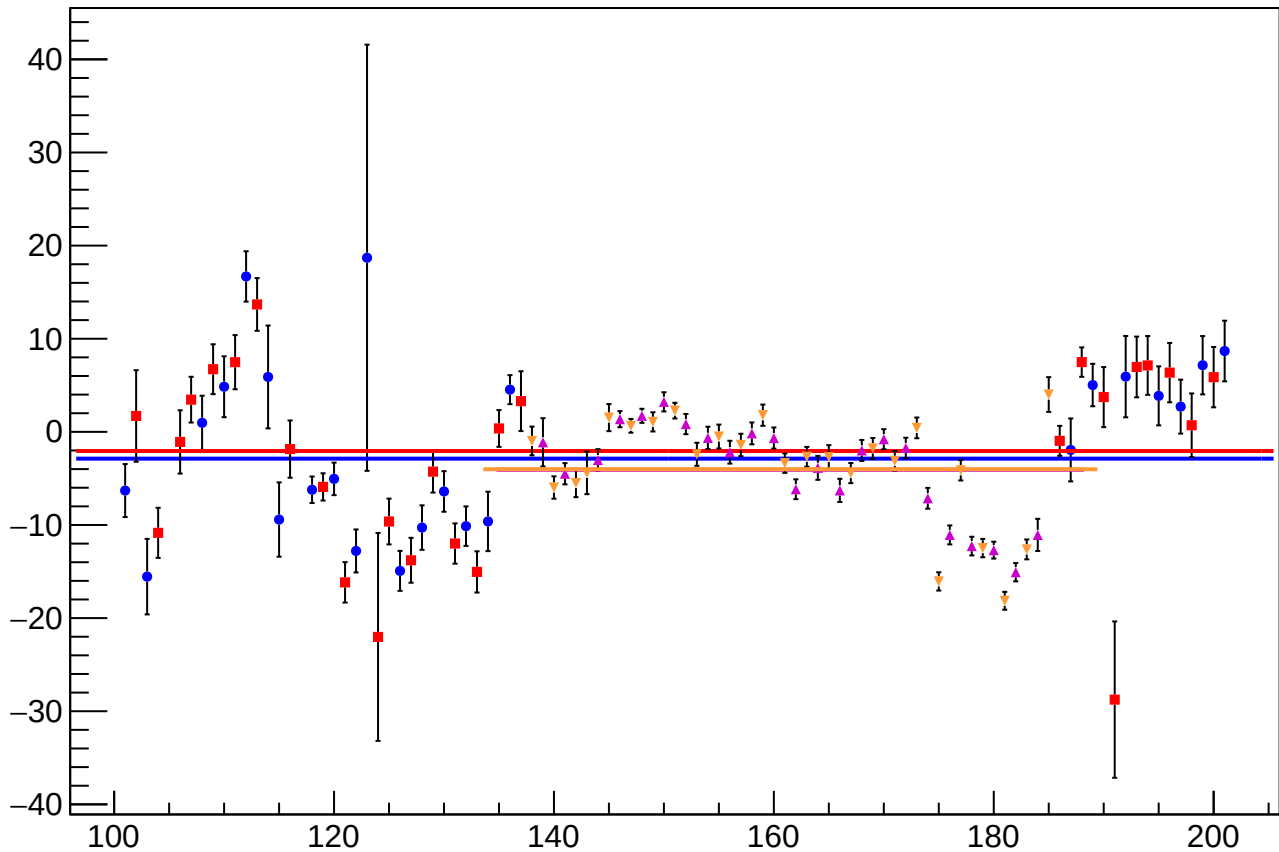
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 13.199 $\pm$ 1.000 χ^2 /NDF: 41.2/6
 Left Out: 21.435 $\pm$ 0.283 χ^2 /NDF:2406.2/24
 Right Out: 9.163 $\pm$ 0.695 χ^2 /NDF: 222.2/8
 Left In: 22.055 $\pm$ 0.284 χ^2 /NDF:941.3/22

+ sign 20.826 $\pm$ 0.272 χ^2 /NDF: 2510.3/31
 All: 20.506 $\pm$ 0.189 χ^2 /NDF: 3971.4/63
 - sign 20.206 $\pm$ 0.263 χ^2 /NDF: 1458.4/31

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -2.877 ± 0.518 $\chi^2/\text{NDF}: 232.4/23$

Left Out: -4.015 ± 0.223 $\chi^2/\text{NDF}: 731.7/24$

Right Out: -2.055 ± 0.483 $\chi^2/\text{NDF}: 295.0/26$

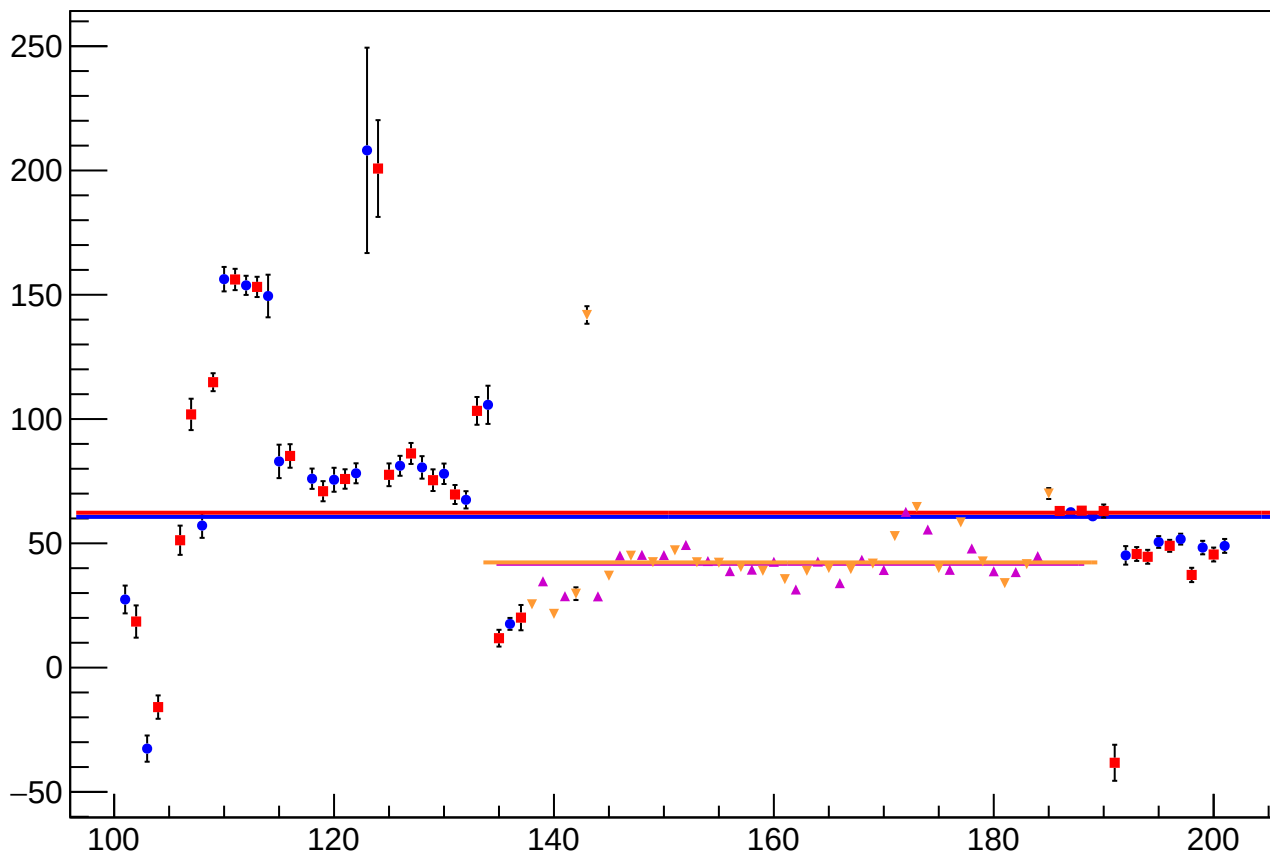
Left In: -4.069 ± 0.227 $\chi^2/\text{NDF}: 580.1/22$

+ sign -3.837 ± 0.205 $\chi^2/\text{NDF}: 968.1/48$

All: -3.771 ± 0.145 $\chi^2/\text{NDF}: 1857.6/98$

- sign -3.704 ± 0.206 $\chi^2/\text{NDF}: 889.3/49$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 60.640 $\pm$ 0.668 χ^2 /NDF: 2000.4/23

Left Out: 42.322 $\pm$ 0.282 χ^2 /NDF:1855.5/24

Right Out: 62.315 $\pm$ 0.508 χ^2 /NDF: 2458.6/26

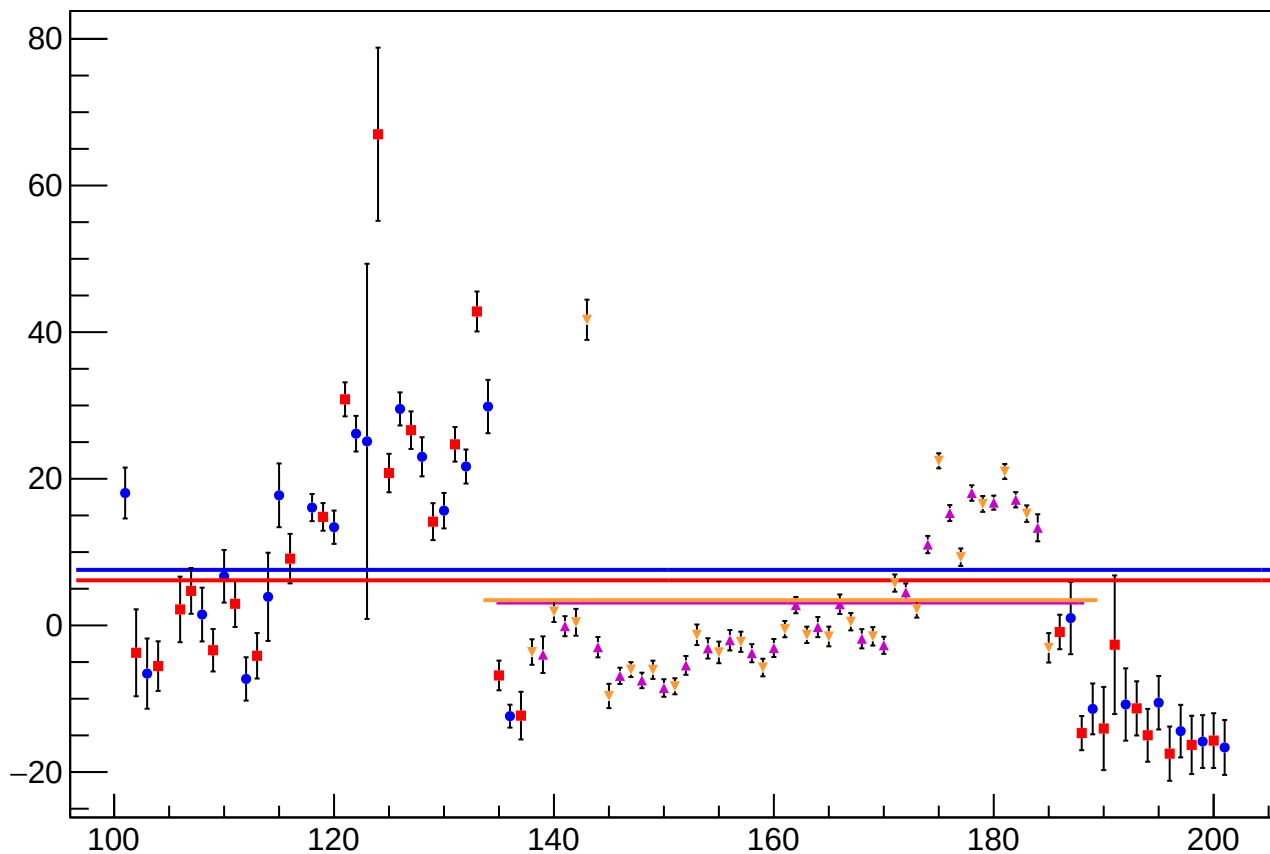
Left In: 41.755 $\pm$ 0.283 χ^2 /NDF:659.6/22

+ sign 45.092 $\pm$ 0.260 χ^2 /NDF: 4493.7/48

All: 45.898 $\pm$ 0.179 χ^2 /NDF: 8880.6/98

- sign 46.627 $\pm$ 0.247 χ^2 /NDF: 4368.6/49

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 7.575 $\pm$ 0.600 χ^2 /NDF: 707.0/23

Left Out: 3.439 $\pm$ 0.252 χ^2 /NDF:1647.7/24

Right Out: 6.149 $\pm$ 0.575 χ^2 /NDF: 888.1/26

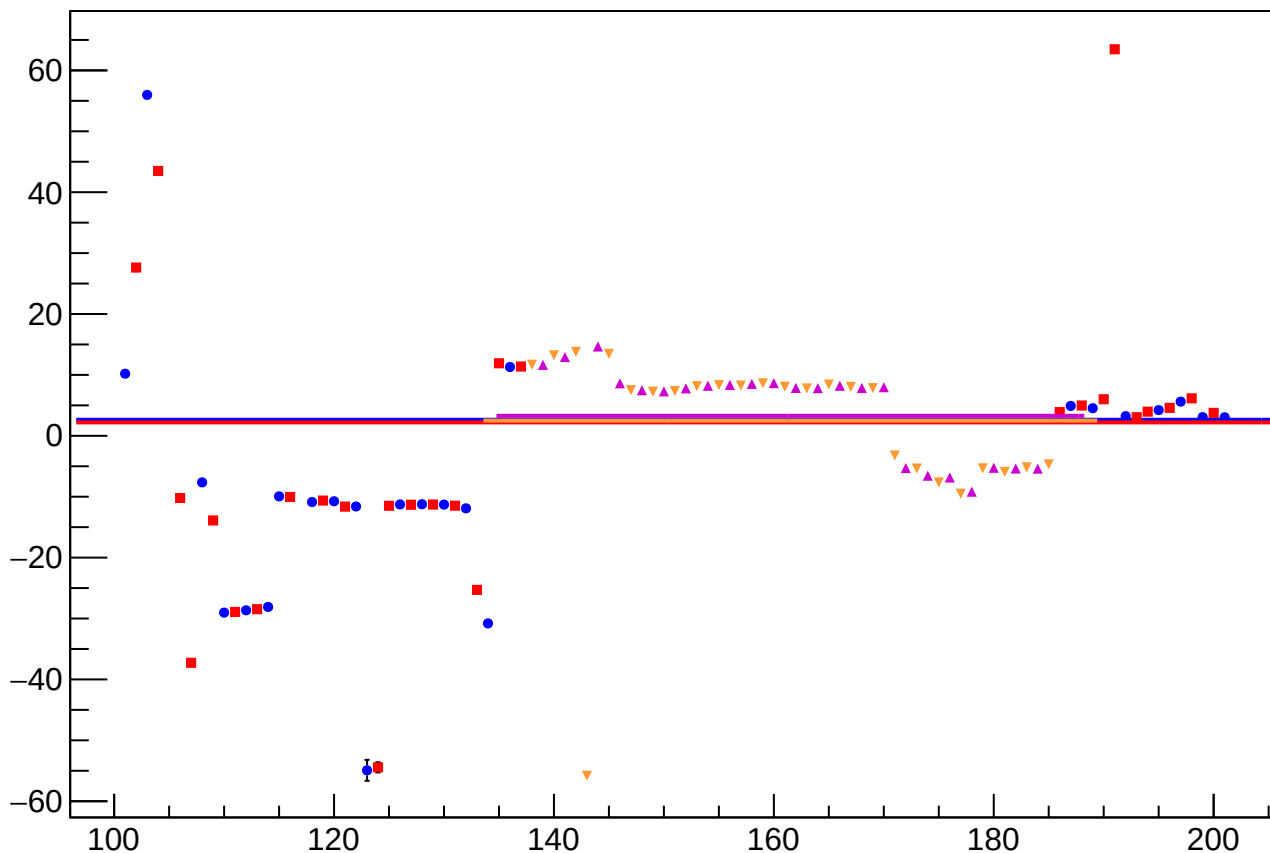
Left In: 3.114 $\pm$ 0.256 χ^2 /NDF:1273.1/22

+ sign 4.061 $\pm$ 0.233 χ^2 /NDF: 2394.9/48

All: 3.840 $\pm$ 0.165 χ^2 /NDF: 4581.2/98

- sign 3.618 $\pm$ 0.234 χ^2 /NDF: 2184.5/49

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 2.631 $\pm$ 0.029 χ^2 /NDF: 360980.0/23

Left Out: 2.497 $\pm$ 0.012 χ^2 /NDF: 588138.5/24

Right Out: 2.203 $\pm$ 0.028 χ^2 /NDF: 425392.3/26

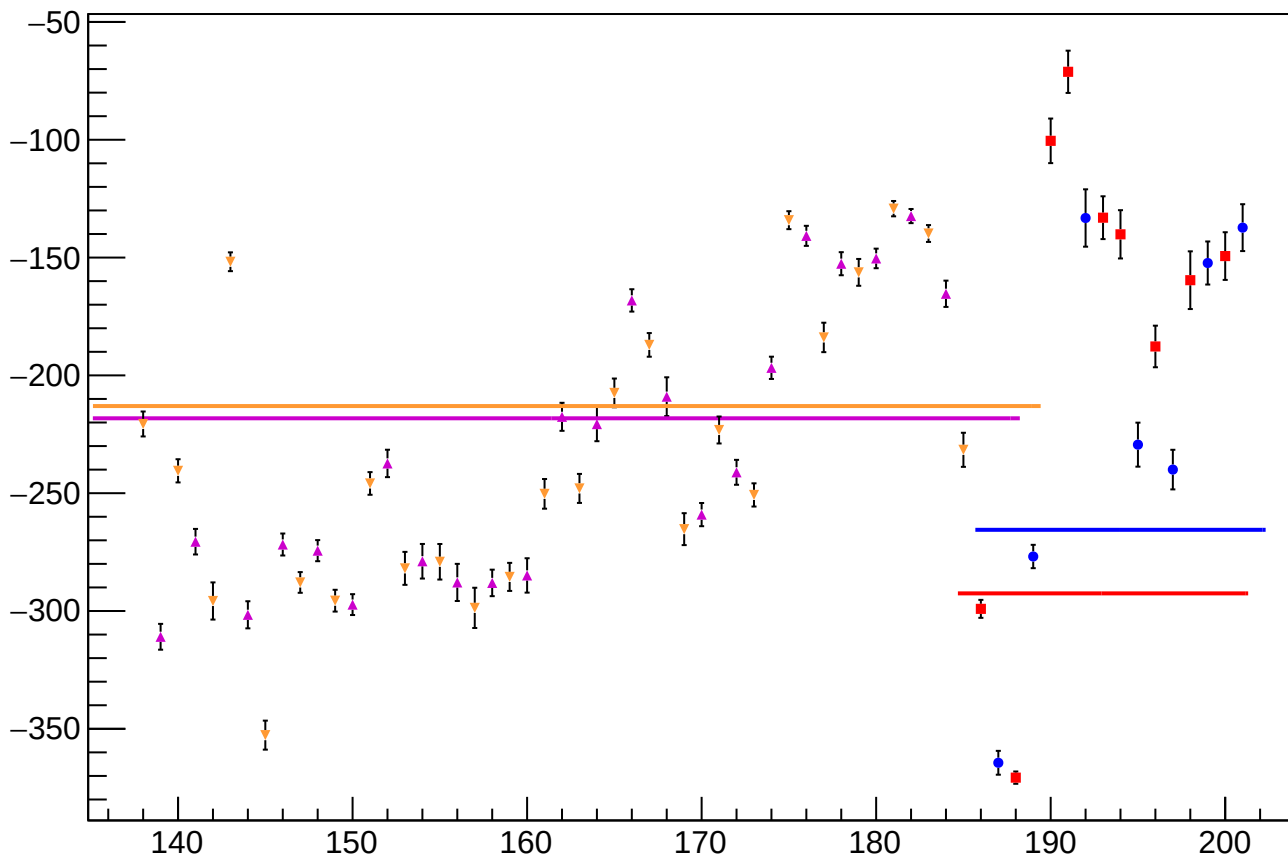
Left In: 3.281 $\pm$ 0.012 χ^2 /NDF: 409605.3/22

+ sign 2.515 $\pm$ 0.011 χ^2 /NDF: 949136.9/48

All: 2.820 $\pm$ 0.008 χ^2 /NDF: 1787008.2/98

- sign 3.122 $\pm$ 0.011 χ^2 /NDF: 836273.8/49

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -265.542 $\pm$ 2.730 χ^2 /NDF: 848.9/6

Left Out: -213.020 $\pm$ 1.035 χ^2 /NDF:3826.2/24

Right Out: -292.521 $\pm$ 1.857 χ^2 /NDF: 2909.0/8

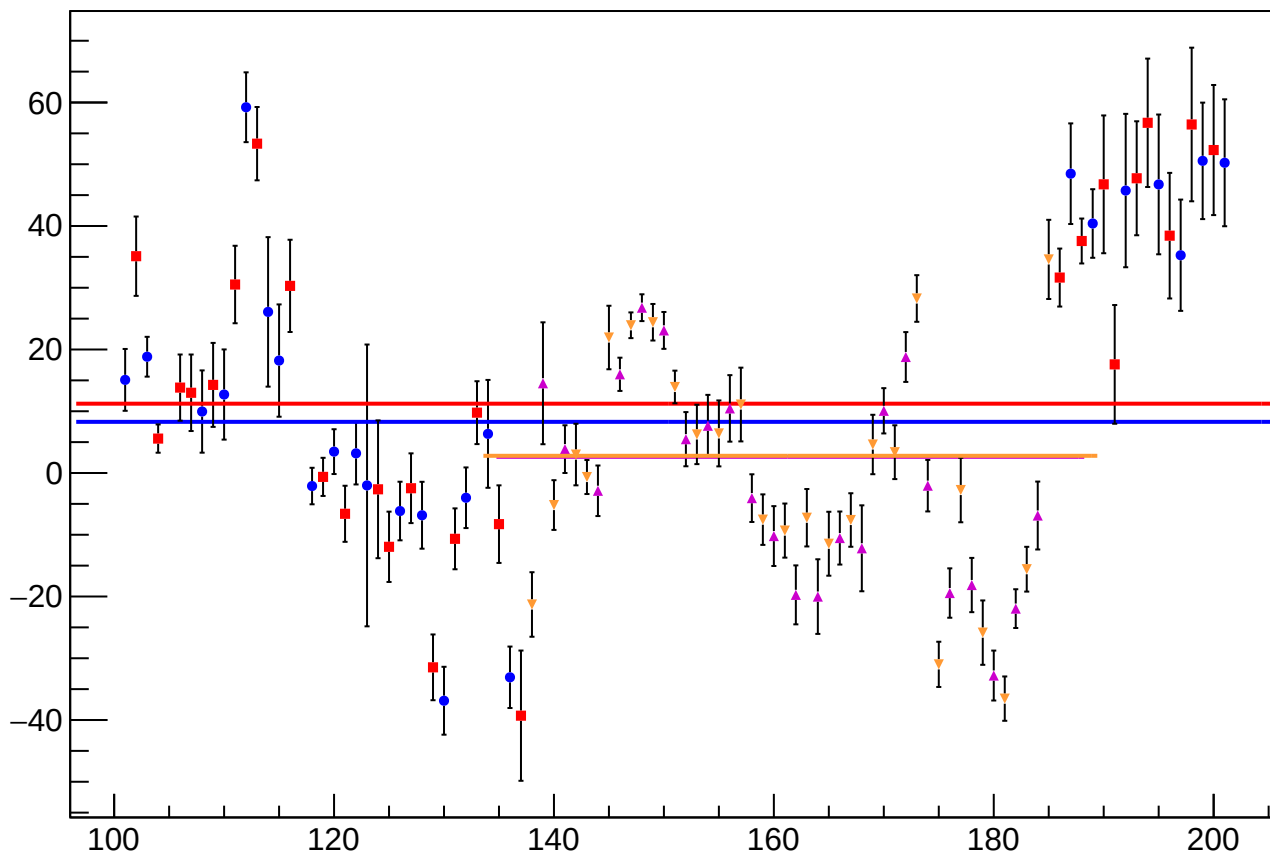
Left In: -218.216 $\pm$ 1.063 χ^2 /NDF:3499.0/22

+ sign -219.627 $\pm$ 0.968 χ^2 /NDF: 4998.8/31

All: -228.497 $\pm$ 0.668 χ^2 /NDF: 12772.8/63

- sign -236.549 $\pm$ 0.922 χ^2 /NDF: 7613.9/31

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 8.285 ± 1.146 χ^2/NDF : 397.1/23

Left Out: 2.786 ± 0.780 χ^2/NDF : 582.0/24

Right Out: 11.225 ± 1.038 χ^2/NDF : 409.9/26

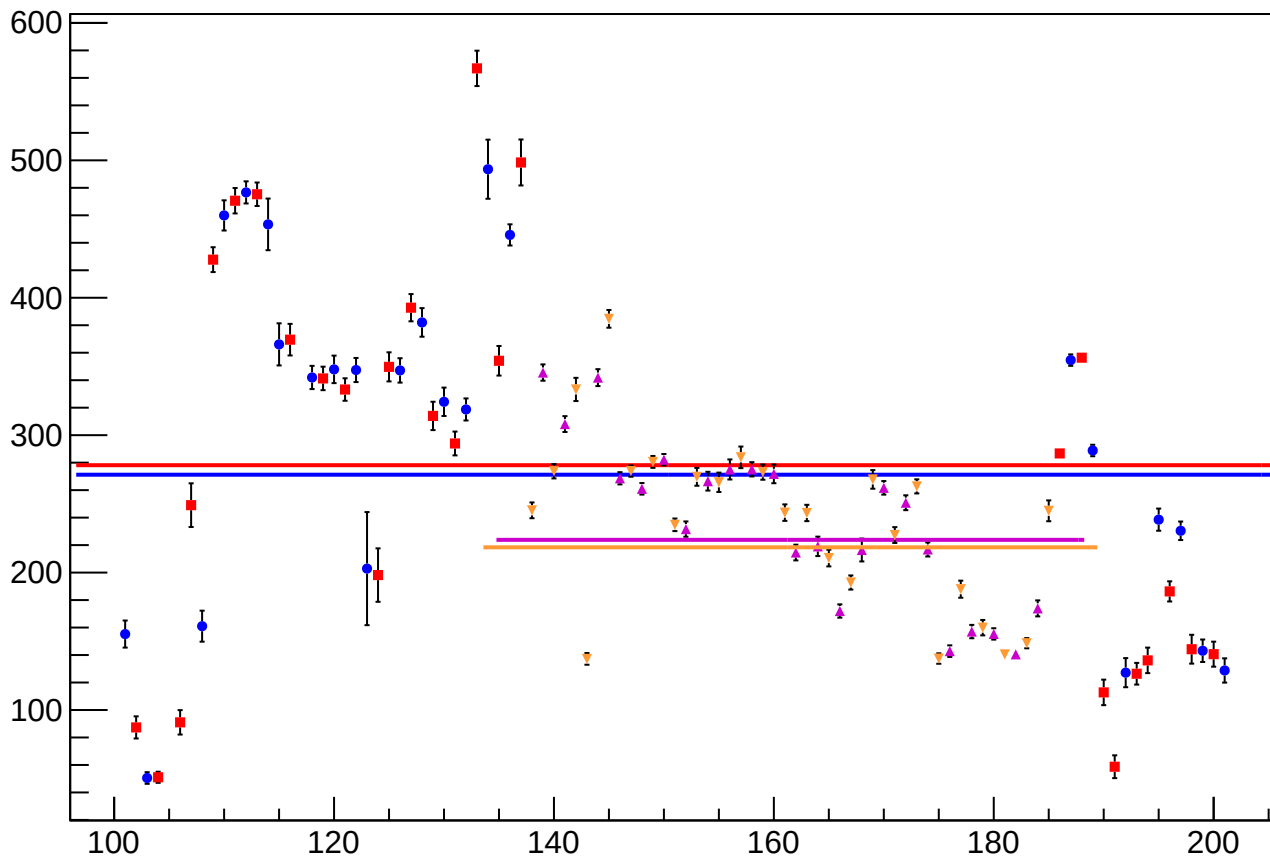
Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

+ sign 4.526 ± 0.645 χ^2/NDF : 994.8/48

All: 5.229 ± 0.456 χ^2/NDF : 1927.0/98

- sign 5.929 ± 0.644 χ^2/NDF : 929.8/49

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 271.225 $\pm$ 1.586 χ^2 /NDF: 6277.6/23

Left Out: 218.389 $\pm$ 1.038 χ^2 /NDF:3696.7/24

Right Out: 278.149 $\pm$ 1.232 χ^2 /NDF: 10082.3/26

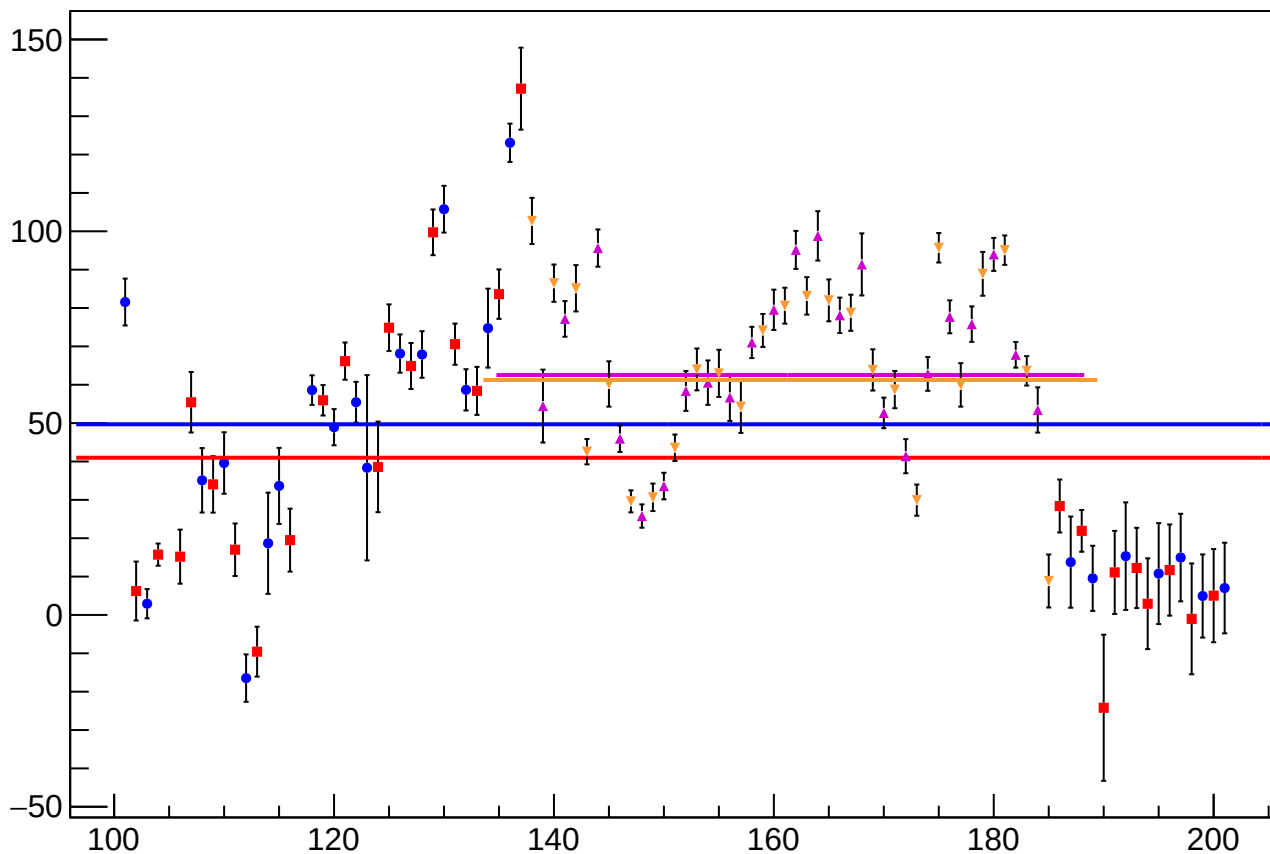
Left In: 223.827 $\pm$ 1.058 χ^2 /NDF:3444.7/22

+ sign 234.232 $\pm$ 0.868 χ^2 /NDF: 10751.6/48

All: 241.054 $\pm$ 0.590 χ^2 /NDF: 25511.2/98

- sign 246.887 $\pm$ 0.803 χ^2 /NDF: 14645.1/49

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 49.696 $\pm$ 1.347 χ^2 /NDF: 729.5/23

Left Out: 61.240 $\pm$ 0.903 χ^2 /NDF: 718.8/24

Right Out: 40.980 $\pm$ 1.249 χ^2 /NDF: 618.6/26

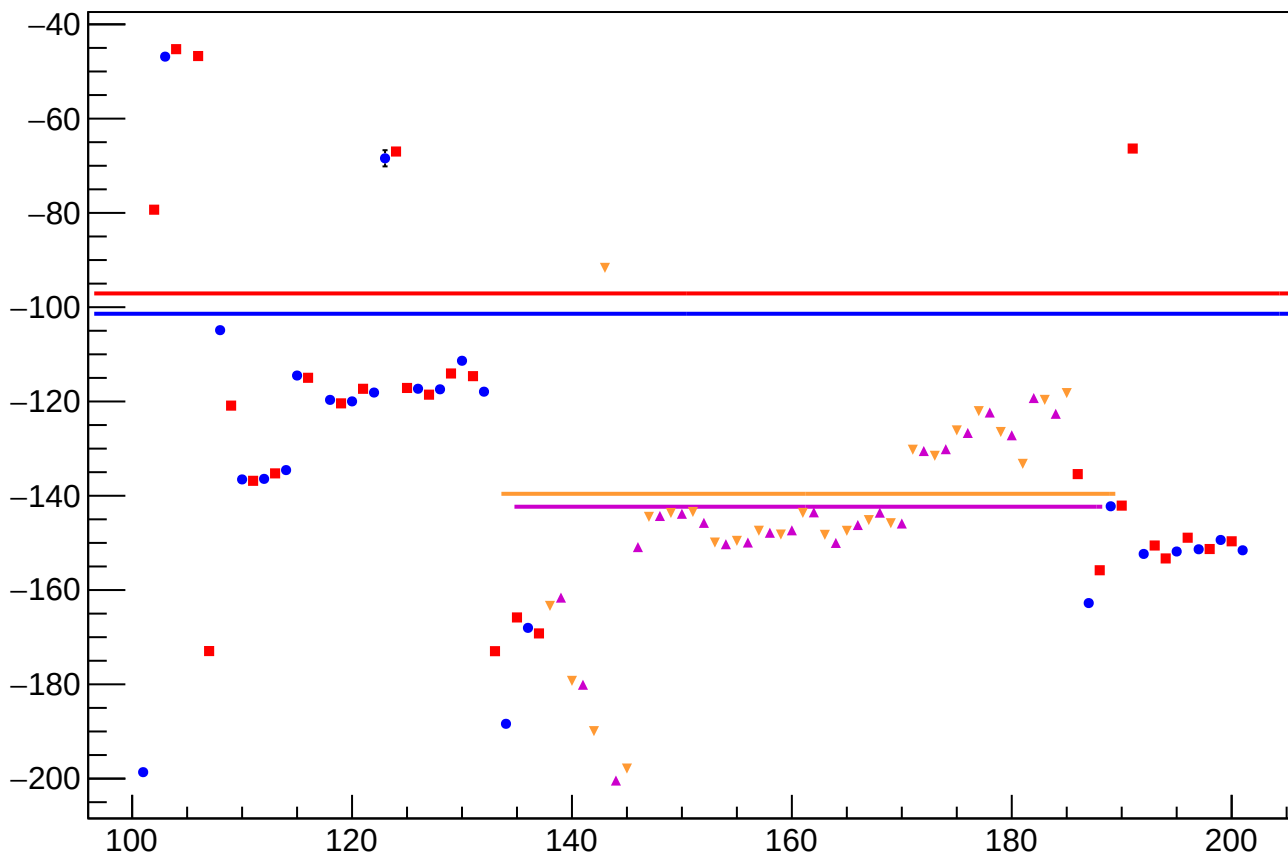
Left In: 62.538 $\pm$ 0.940 χ^2 /NDF: 520.0/22

+ sign 57.664 $\pm$ 0.750 χ^2 /NDF: 1499.0/48

All: 56.203 $\pm$ 0.531 χ^2 /NDF: 2835.4/98

- sign 54.737 $\pm$ 0.751 χ^2 /NDF: 1328.8/49

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -101.394+/-0.061 χ^2/NDF : 669523.9/23

Left Out: -139.585+/-0.043 χ^2/NDF : 243895.1/24

Right Out: -97.083+/-0.057 χ^2/NDF : 694198.9/26

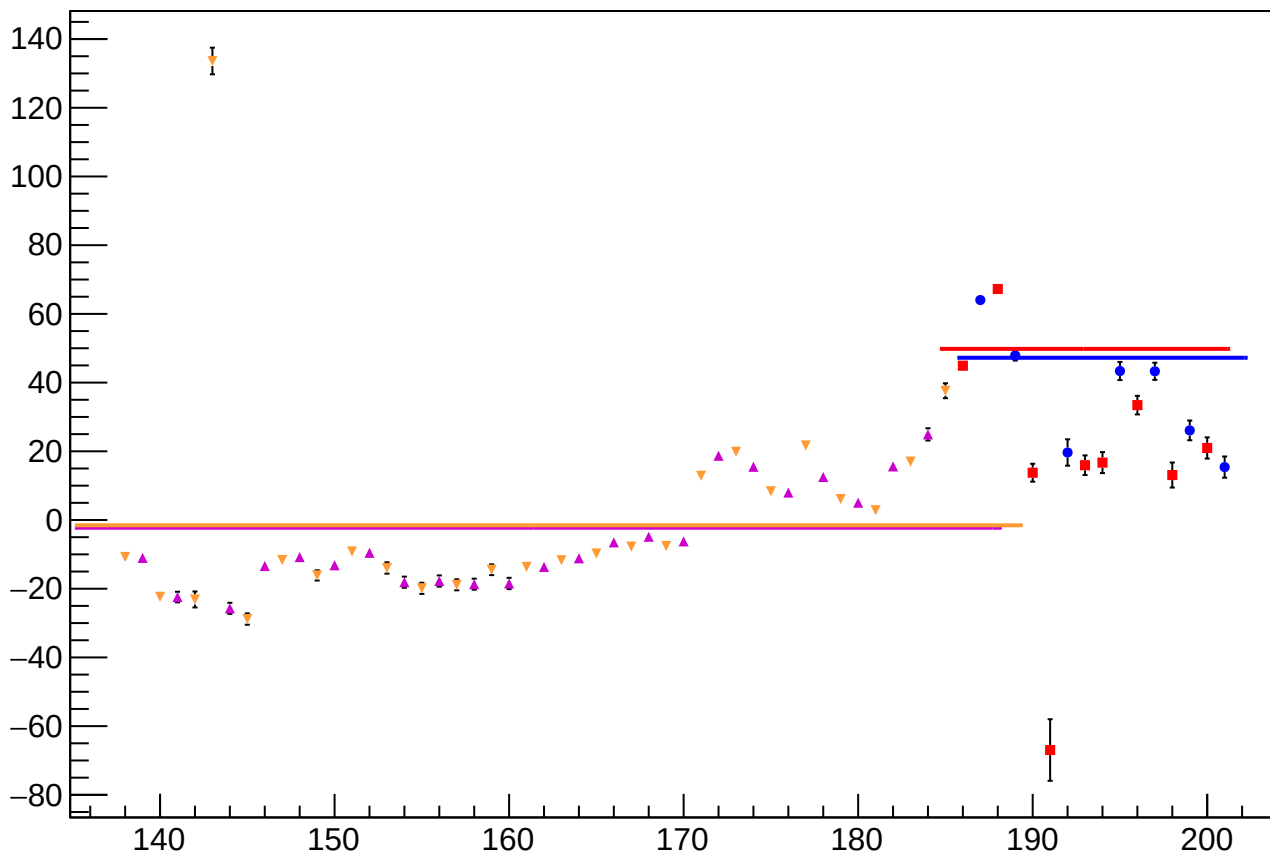
Left In: -142.326+/-0.044 χ^2/NDF : 144642.3/22

+ sign -126.969+/-0.035 χ^2/NDF : 1172805.9/48

All: -126.258+/-0.025 χ^2/NDF : 2405799.2/98

- sign -125.565+/-0.035 χ^2/NDF : 1232191.9/49

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 47.230+/-0.797 χ^2/NDF : 362.9/6

Left Out: -1.540+/-0.268 χ^2/NDF : 4129.1/24

Right Out: 49.819+/-0.519 χ^2/NDF : 1383.7/8

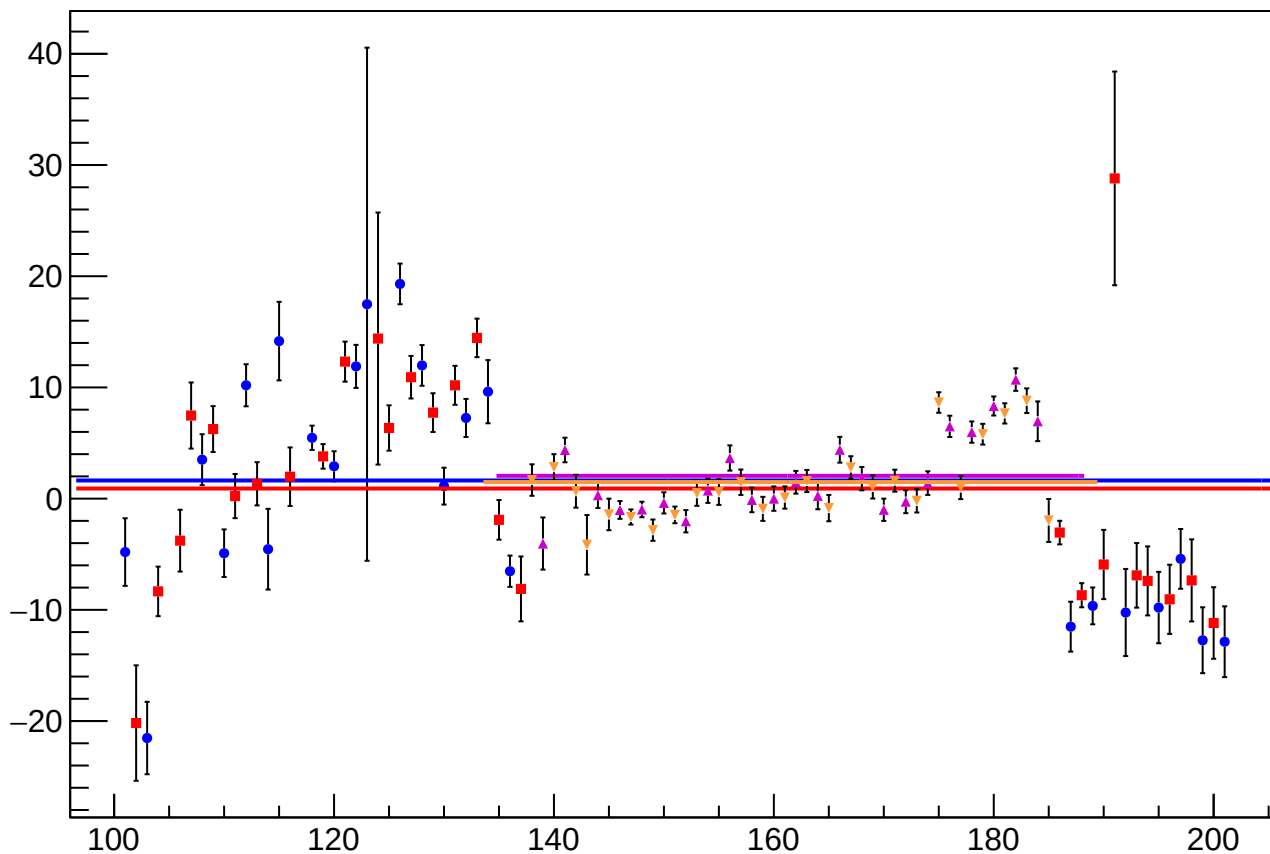
Left In: -2.244+/-0.270 χ^2/NDF : 2561.6/22

+ sign 3.399+/-0.254 χ^2/NDF : 7853.2/31

All: 6.266+/-0.174 χ^2/NDF : 19962.7/63

- sign 8.812+/-0.239 χ^2/NDF : 11868.7/31

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 1.633 ± 0.418 χ^2/NDF : 474.7/23

Left Out: 1.492 ± 0.210 χ^2/NDF : 258.3/24

Right Out: 0.909 ± 0.384 χ^2/NDF : 397.4/26

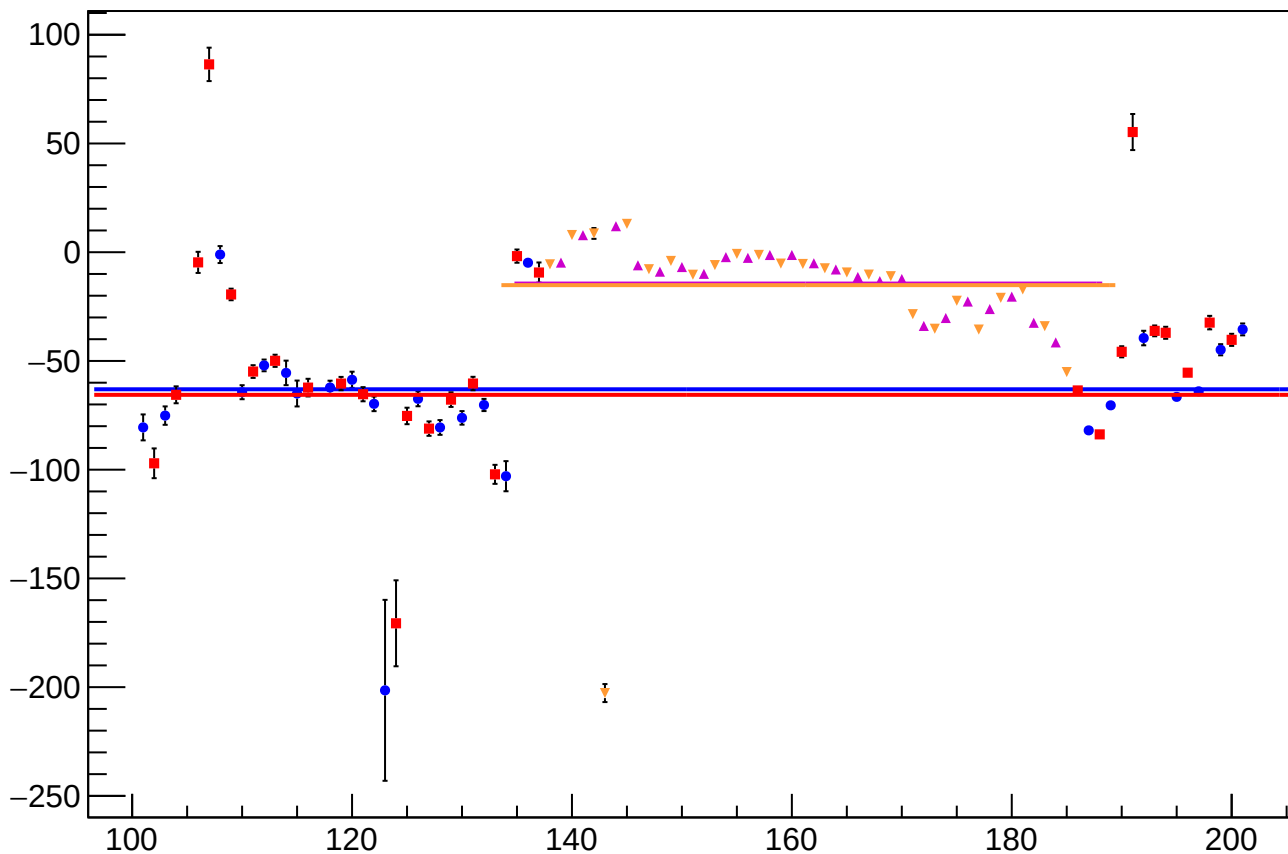
Left In: 2.051 ± 0.215 χ^2/NDF : 275.4/22

+ sign 1.520 ± 0.188 χ^2/NDF : 733.2/48

All: 1.650 ± 0.133 χ^2/NDF : 1413.7/98

- sign 1.779 ± 0.187 χ^2/NDF : 679.6/49

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -63.028 ± 0.529 χ^2/NDF : 1625.7/23

Left Out: -15.140 ± 0.267 χ^2/NDF : 4451.9/24

Right Out: -65.578 ± 0.380 χ^2/NDF : 3233.4/26

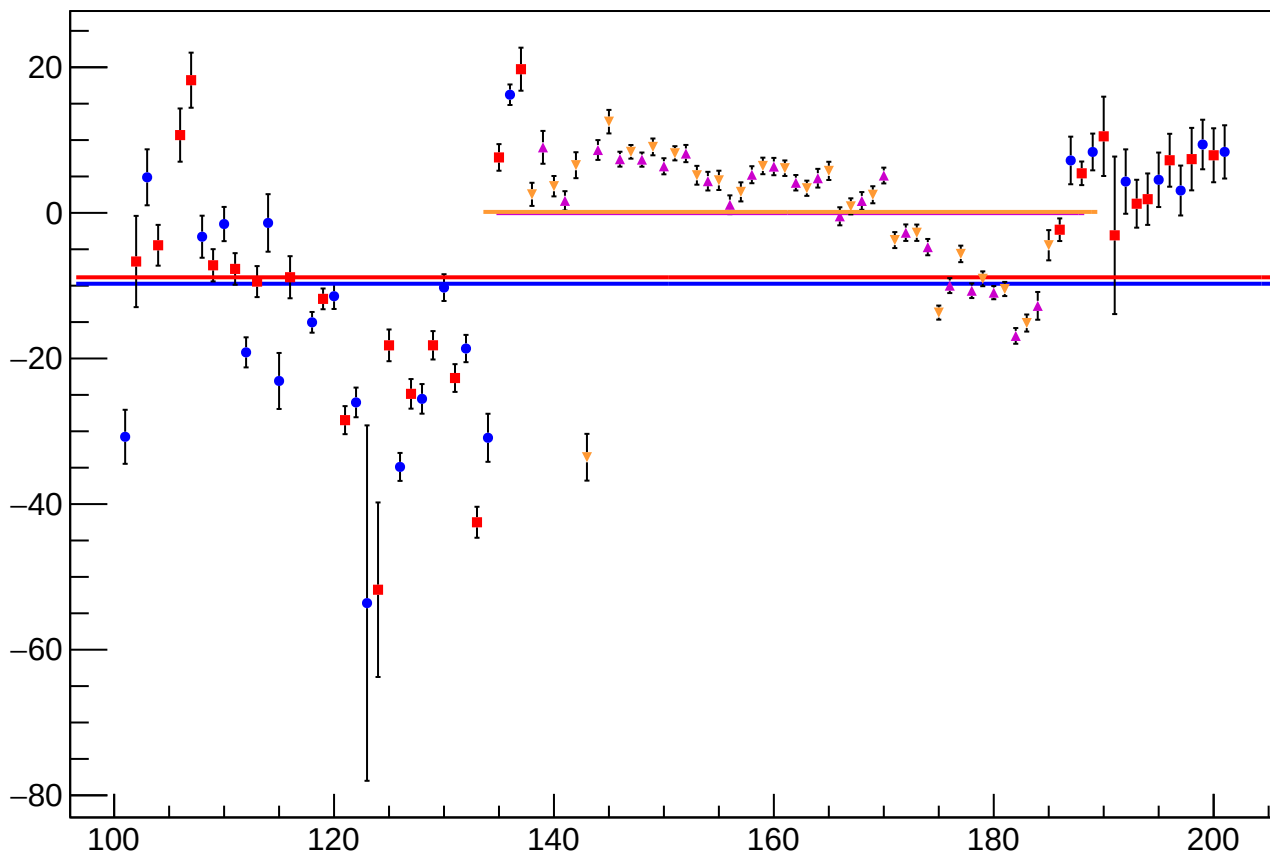
Left In: -14.415 ± 0.268 χ^2/NDF : 2065.7/22

+ sign -24.867 ± 0.238 χ^2/NDF : 12618.7/48

All: -28.409 ± 0.161 χ^2/NDF : 30422.5/98

- sign -31.404 ± 0.219 χ^2/NDF : 17395.7/49

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -9.733 ± 0.489 χ^2/NDF : 990.7/23

Left Out: 0.133 ± 0.238 χ^2/NDF : 1146.9/24

Right Out: -8.849 ± 0.463 χ^2/NDF : 966.2/26

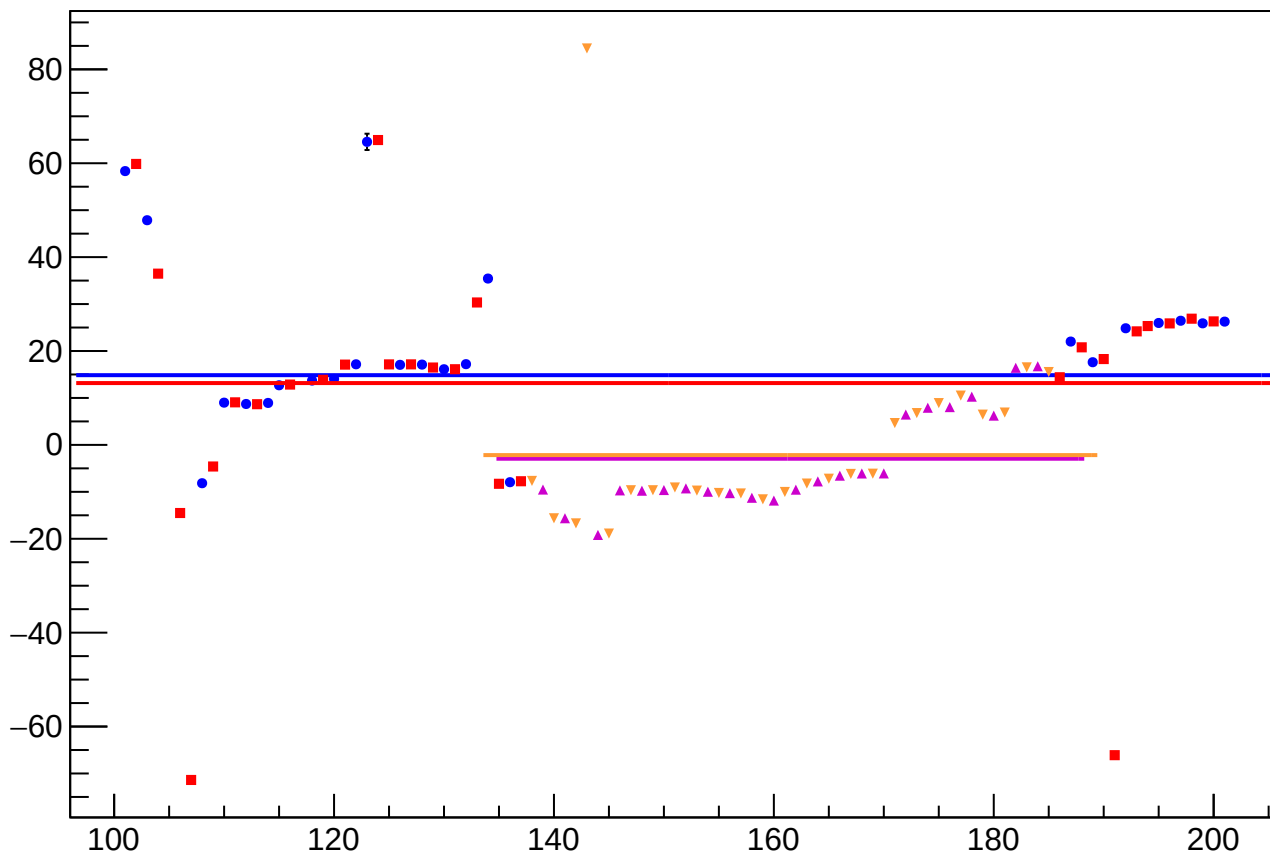
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.759 ± 0.214 χ^2/NDF : 2466.2/48

All: -1.845 ± 0.152 χ^2/NDF : 4744.6/98

- sign -1.931 ± 0.215 χ^2/NDF : 2278.2/49

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 14.851+/-0.025 χ^2/NDF : 453494.1/23

Left Out: -2.176+/-0.011 χ^2/NDF : 1047394.9/24

Right Out: 13.170+/-0.024 χ^2/NDF : 716248.7/26

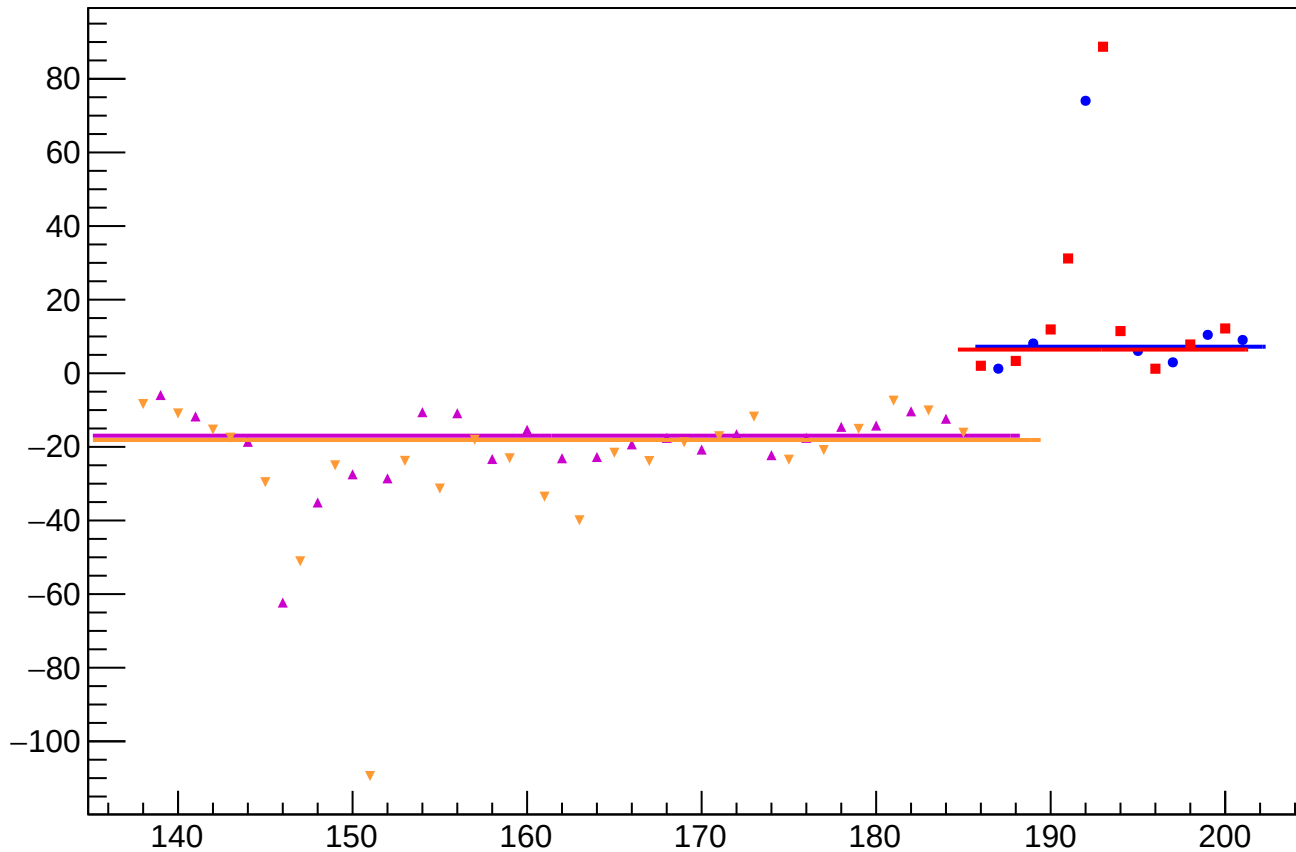
Left In: -2.949+/-0.011 χ^2/NDF : 770702.4/22

+ sign 0.517+/-0.010 χ^2/NDF : 1885154.8/48

All: 0.154+/-0.007 χ^2/NDF : 3743344.0/98

- sign -0.207+/-0.010 χ^2/NDF : 1855571.1/49

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 7.218 ± 0.084 $\chi^2/\text{NDF}: 11724.3/6$

Left Out: -18.127 ± 0.039 $\chi^2/\text{NDF}: 88514.4/24$

Right Out: 6.437 ± 0.071 $\chi^2/\text{NDF}: 25539.2/8$

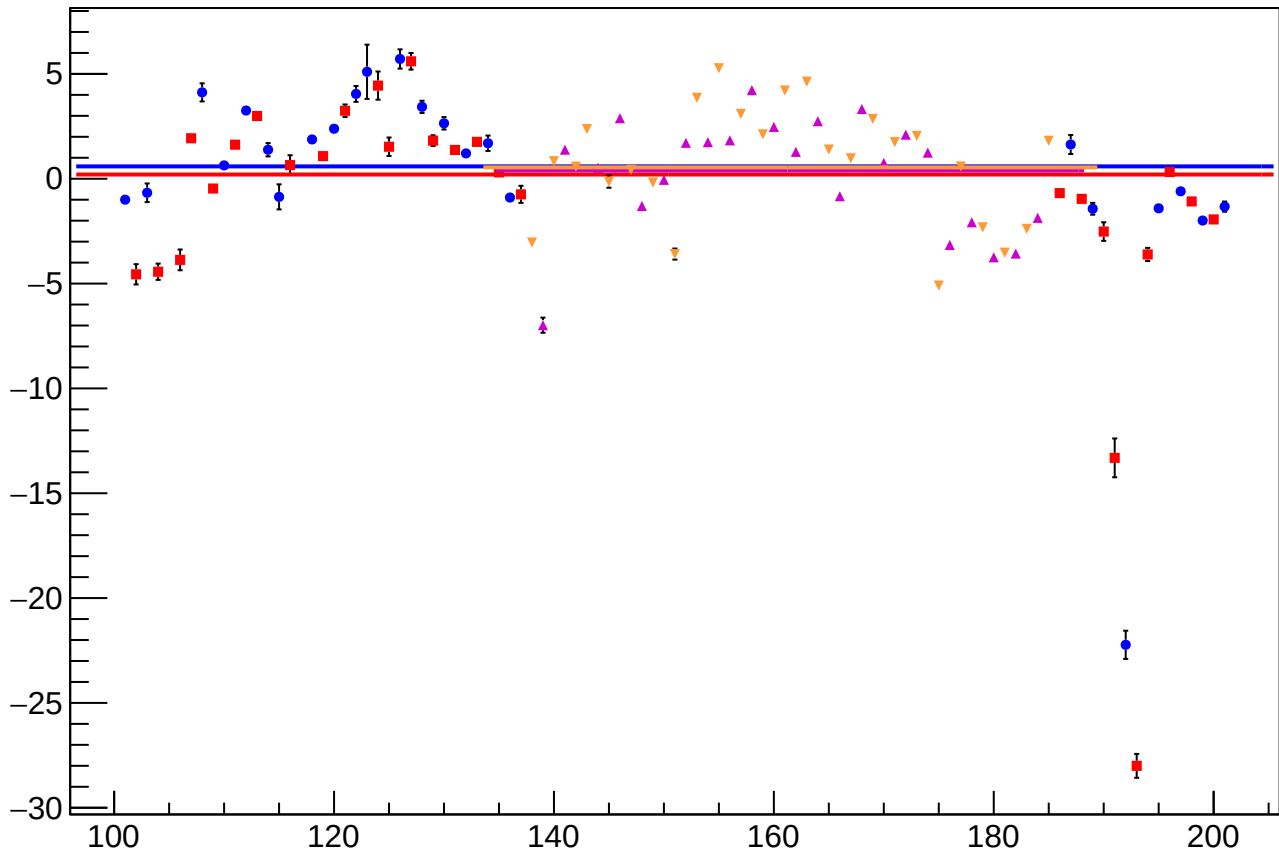
Left In: -16.958 ± 0.038 $\chi^2/\text{NDF}: 44759.9/22$

+ sign -13.651 ± 0.035 $\chi^2/\text{NDF}: 174991.2/31$

All: -12.635 ± 0.024 $\chi^2/\text{NDF}: 331674.8/63$

- sign -11.723 ± 0.033 $\chi^2/\text{NDF}: 155115.3/31$

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 0.589 ± 0.051 χ^2/NDF : 2476.1/23

Left Out: 0.543 ± 0.032 χ^2/NDF : 7067.6/24

Right Out: 0.202 ± 0.048 χ^2/NDF : 4216.9/26

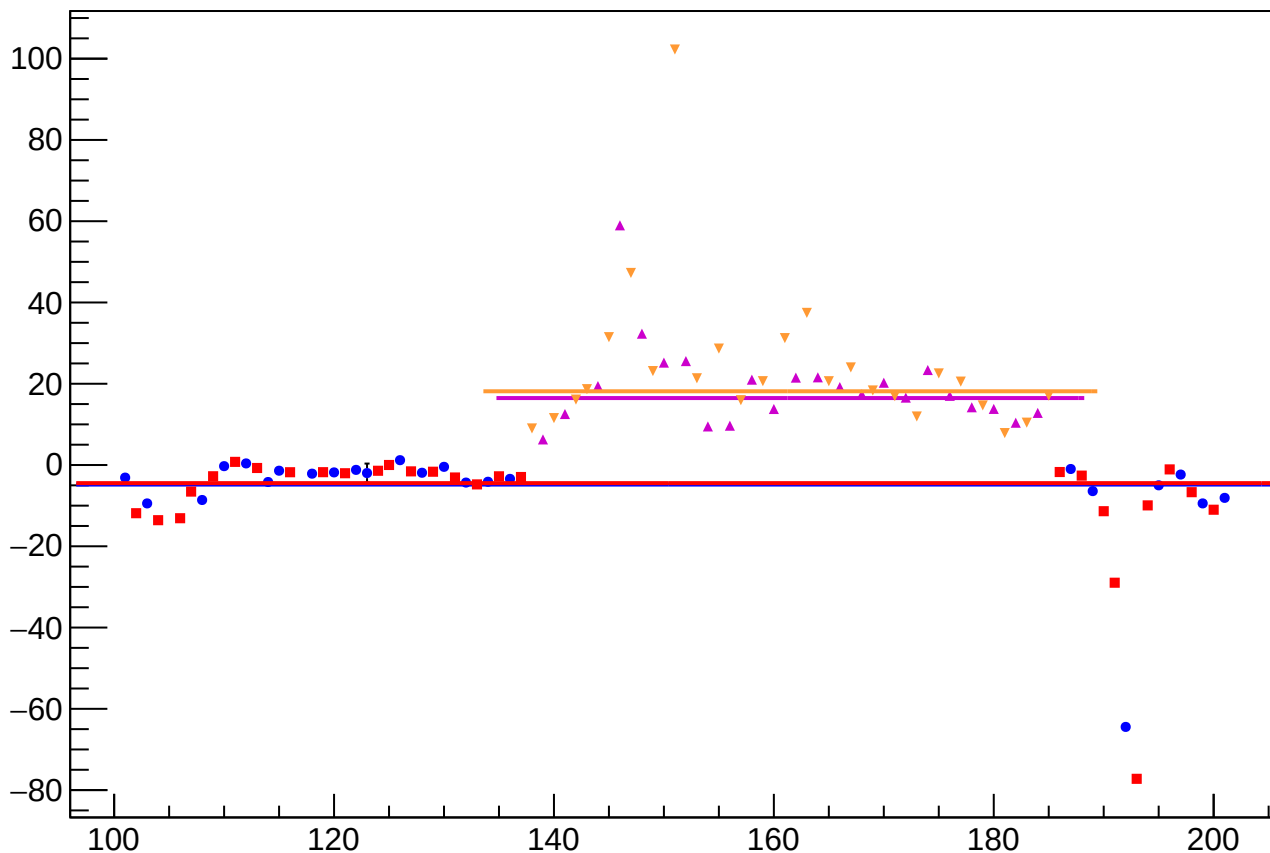
Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

+ sign 0.556 ± 0.027 χ^2/NDF : 9544.3/48

All: 0.443 ± 0.019 χ^2/NDF : 20091.7/98

- sign 0.342 ± 0.026 χ^2/NDF : 10515.0/49

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -4.811 ± 0.060 $\chi^2/\text{NDF}: 13314.5/23$

Left Out: 18.147 ± 0.039 $\chi^2/\text{NDF}: 77805.7/24$

Right Out: -4.457 ± 0.051 $\chi^2/\text{NDF}: 27533.3/26$

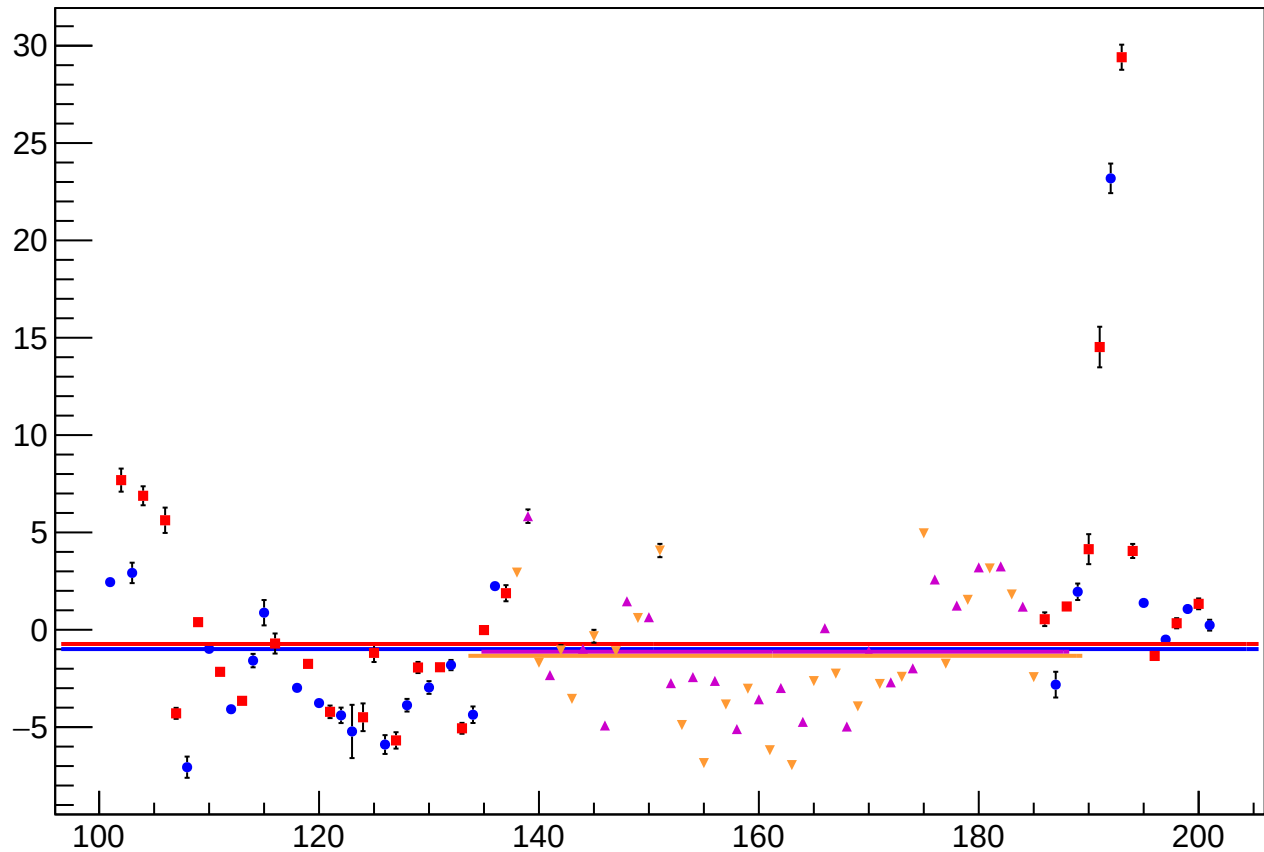
Left In: 16.477 ± 0.038 $\chi^2/\text{NDF}: 41326.5/22$

+ sign 11.297 ± 0.033 $\chi^2/\text{NDF}: 193797.0/48$

All: 10.075 ± 0.022 $\chi^2/\text{NDF}: 375267.8/98$

- sign 9.036 ± 0.030 $\chi^2/\text{NDF}: 178897.6/49$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -0.991 ± 0.060 χ^2/NDF : 2721.6/23

Left Out: -1.338 ± 0.036 χ^2/NDF : 7920.8/24

Right Out: -0.730 ± 0.057 χ^2/NDF : 4434.4/26

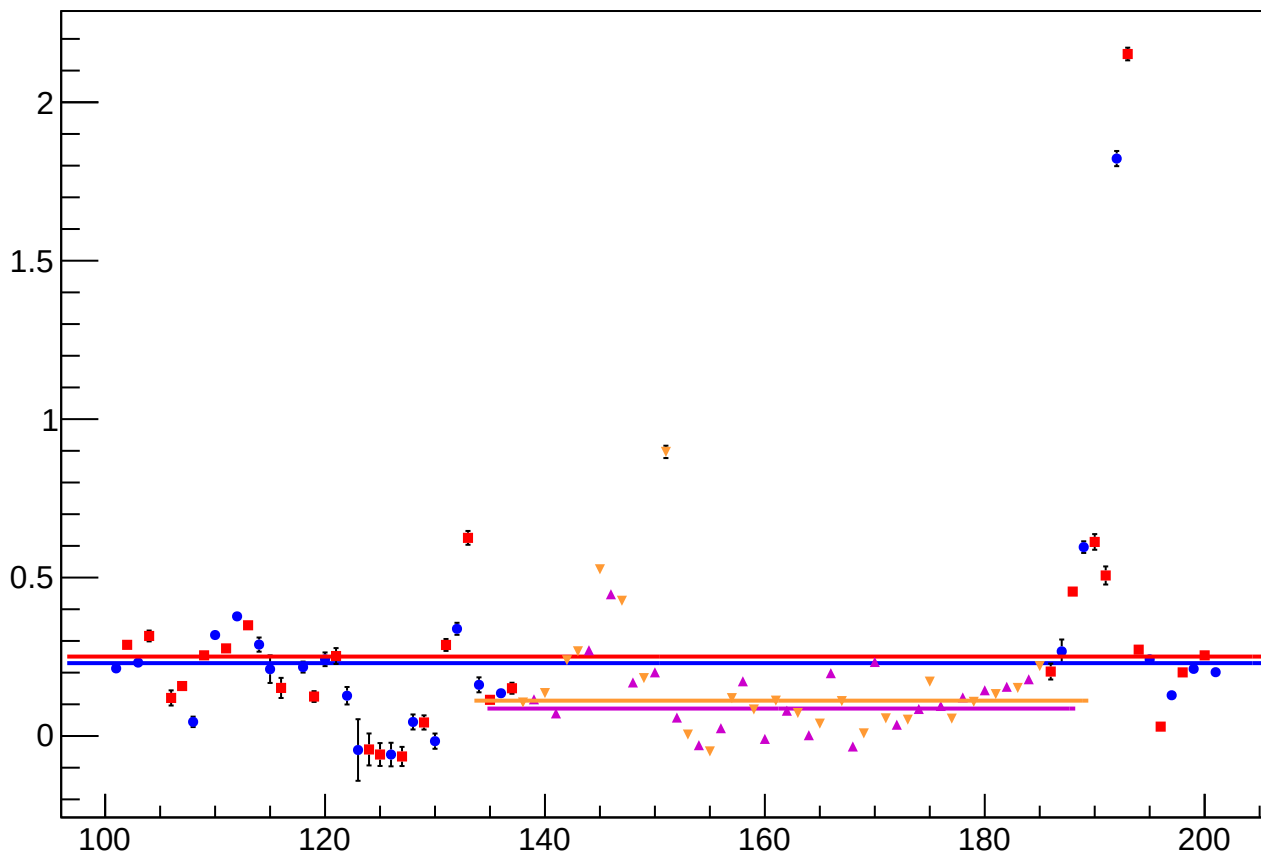
Left In: -1.129 ± 0.034 χ^2/NDF : 6778.7/22

+ sign -1.246 ± 0.031 χ^2/NDF : 10667.0/48

All: -1.128 ± 0.021 χ^2/NDF : 21944.5/98

- sign -1.022 ± 0.029 χ^2/NDF : 11249.7/49

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.230 ± 0.003 $\chi^2/\text{NDF}: 5733.5/23$

Left Out: 0.112 ± 0.002 $\chi^2/\text{NDF}: 4459.9/24$

Right Out: 0.251 ± 0.003 $\chi^2/\text{NDF}: 11638.5/26$

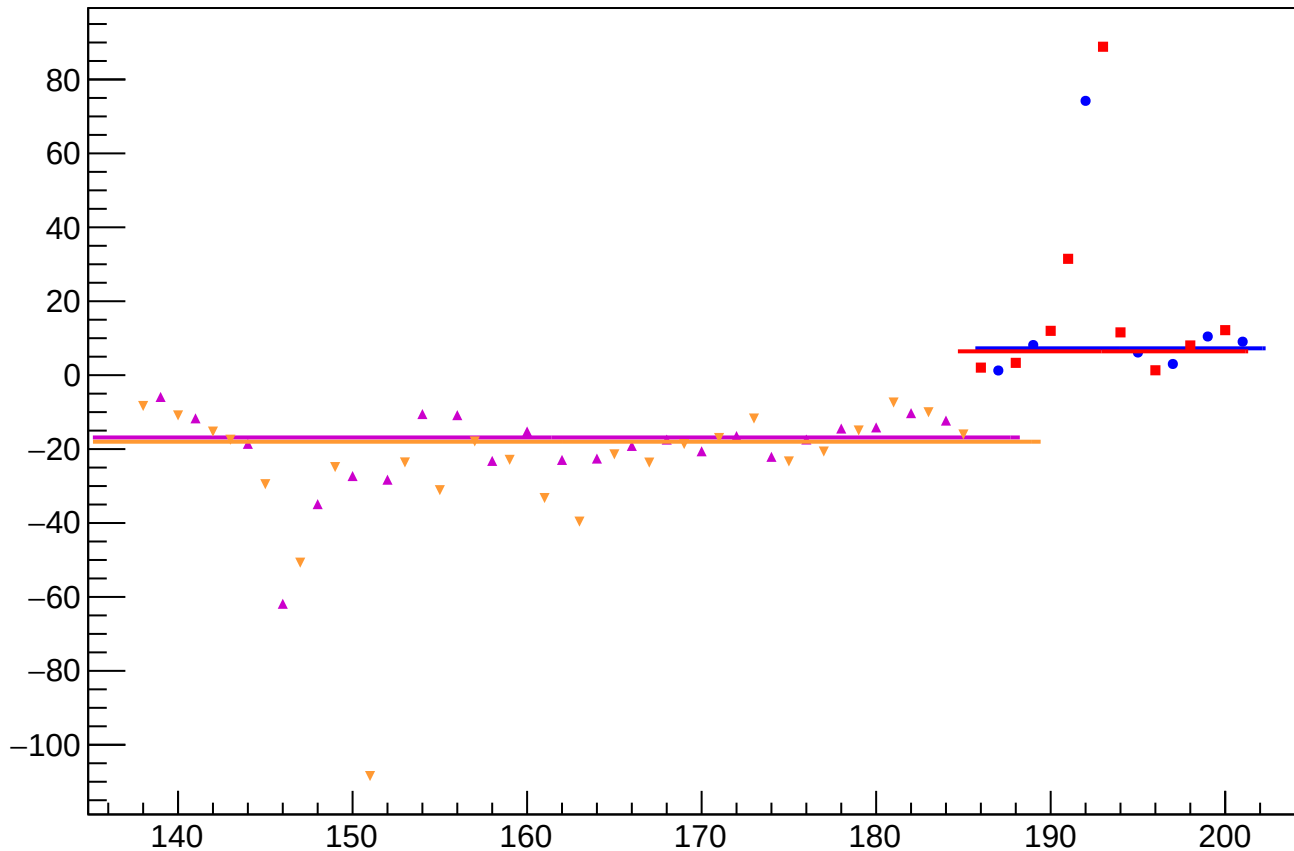
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3661.4/22$

+ sign 0.142 ± 0.001 $\chi^2/\text{NDF}: 11605.0/48$

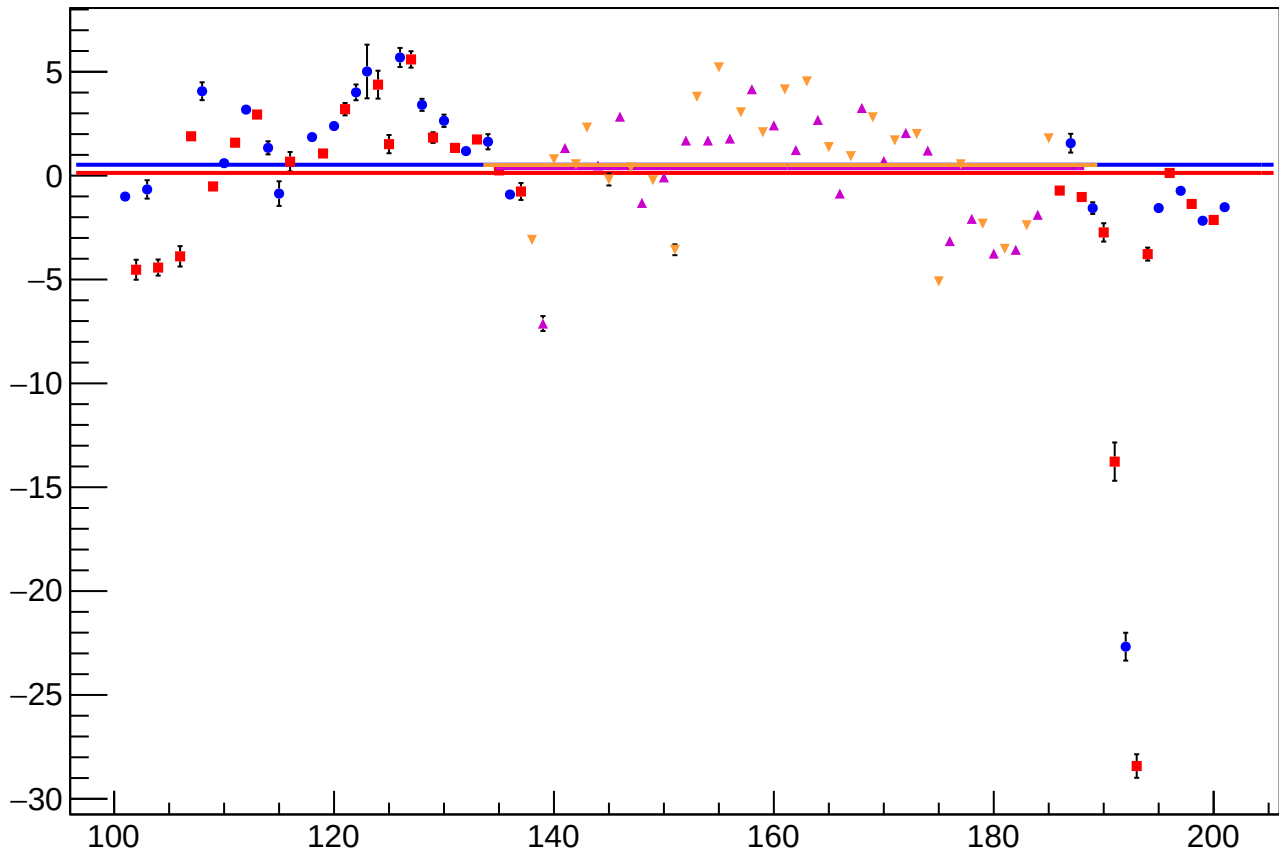
All: 0.134 ± 0.001 $\chi^2/\text{NDF}: 29914.0/98$

- sign 0.127 ± 0.001 $\chi^2/\text{NDF}: 18241.6/49$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 0.525 ± 0.051 χ^2/NDF : 2586.6/23

Left Out: 0.511 ± 0.032 χ^2/NDF : 7053.0/24

Right Out: 0.131 ± 0.048 χ^2/NDF : 4378.9/26

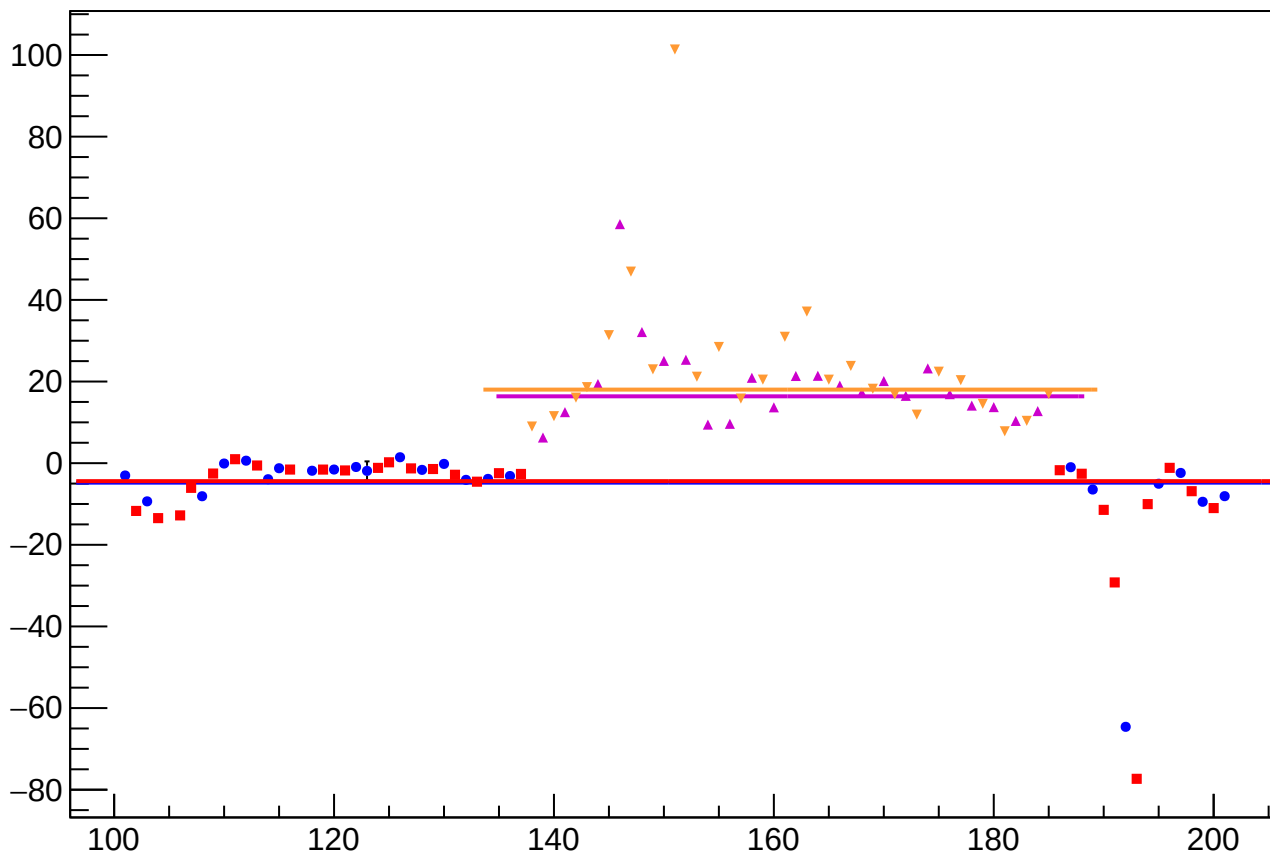
Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

+ sign 0.515 ± 0.027 χ^2/NDF : 9639.6/48

All: 0.399 ± 0.019 χ^2/NDF : 20343.1/98

- sign 0.295 ± 0.026 χ^2/NDF : 10668.8/49

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -4.766 ± 0.060 χ^2/NDF : 13564.8/23

Left Out: 18.023 ± 0.039 χ^2/NDF : 77674.0/24

Right Out: -4.403 ± 0.050 χ^2/NDF : 27999.2/26

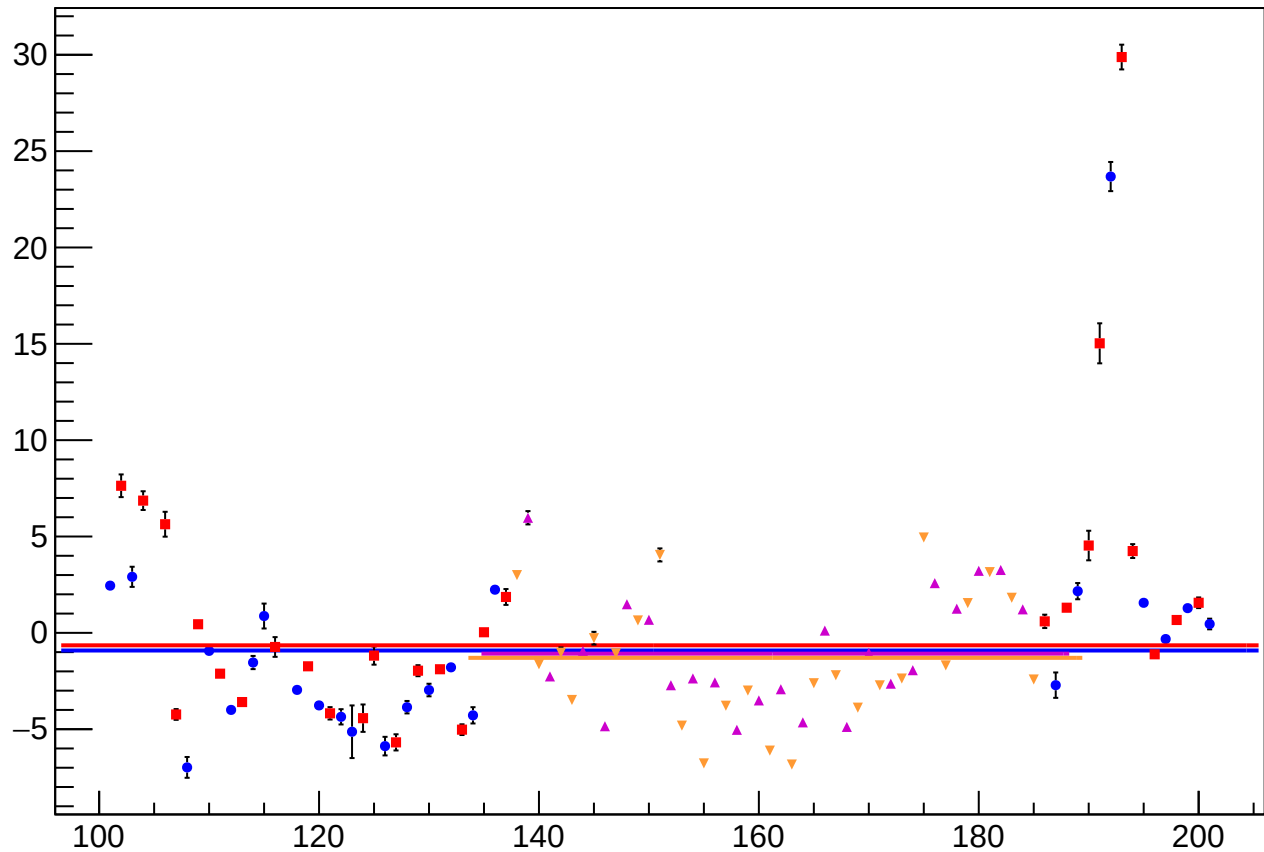
Left In: 16.377 ± 0.037 χ^2/NDF : 41253.5/22

+ sign 11.246 ± 0.033 χ^2/NDF : 193525.9/48

All: 10.019 ± 0.022 χ^2/NDF : 375454.8/98

- sign 8.979 ± 0.030 χ^2/NDF : 179307.8/49

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -0.916 ± 0.060 χ^2/NDF : 2810.5/23

Left Out: -1.297 ± 0.036 χ^2/NDF : 7903.2/24

Right Out: -0.647 ± 0.056 χ^2/NDF : 4586.3/26

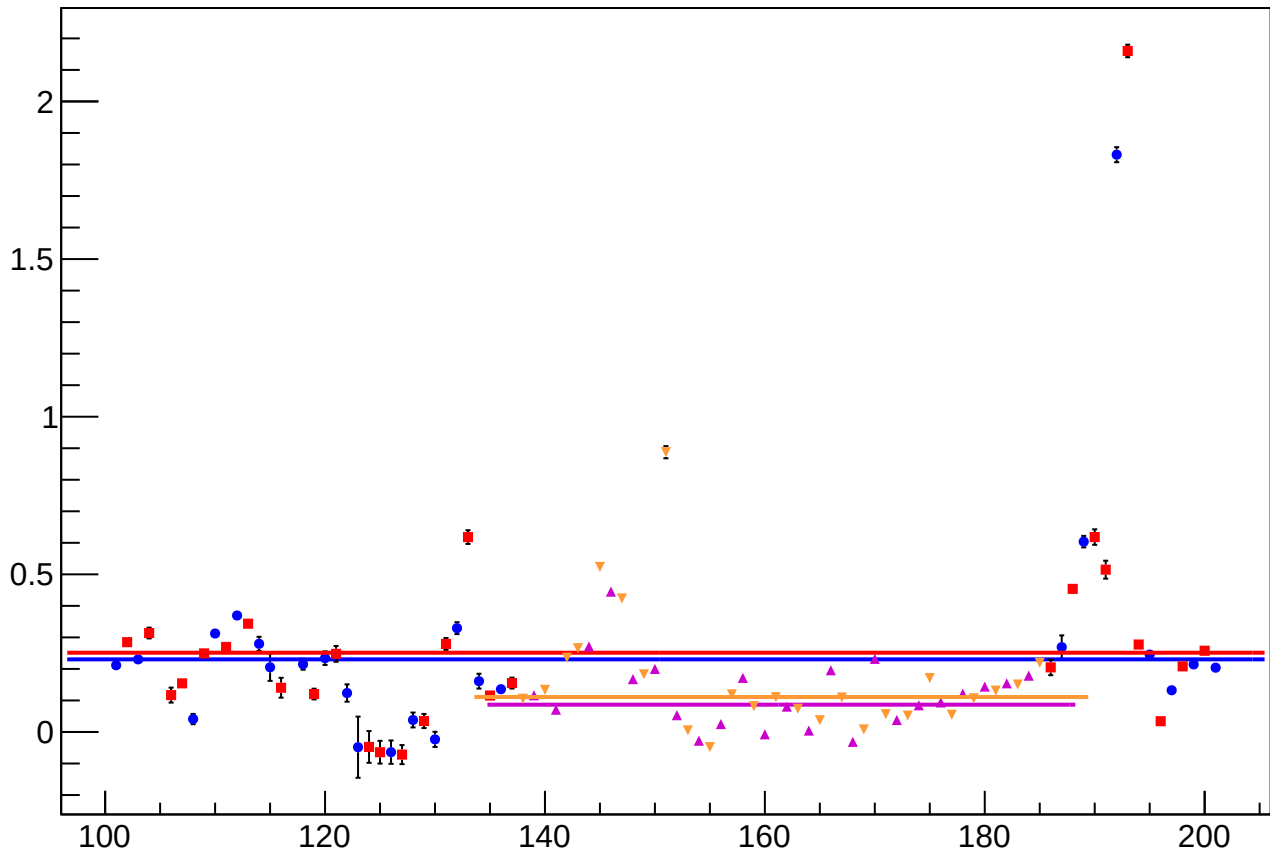
Left In: -1.081 ± 0.034 χ^2/NDF : 6764.0/22

+ sign -1.197 ± 0.031 χ^2/NDF : 10743.7/48

All: -1.075 ± 0.021 χ^2/NDF : 22167.8/98

- sign -0.966 ± 0.029 χ^2/NDF : 11394.0/49

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.230 ± 0.003 $\chi^2/\text{NDF}: 5821.0/23$

Left Out: 0.111 ± 0.002 $\chi^2/\text{NDF}: 4452.0/24$

Right Out: 0.251 ± 0.003 $\chi^2/\text{NDF}: 11775.2/26$

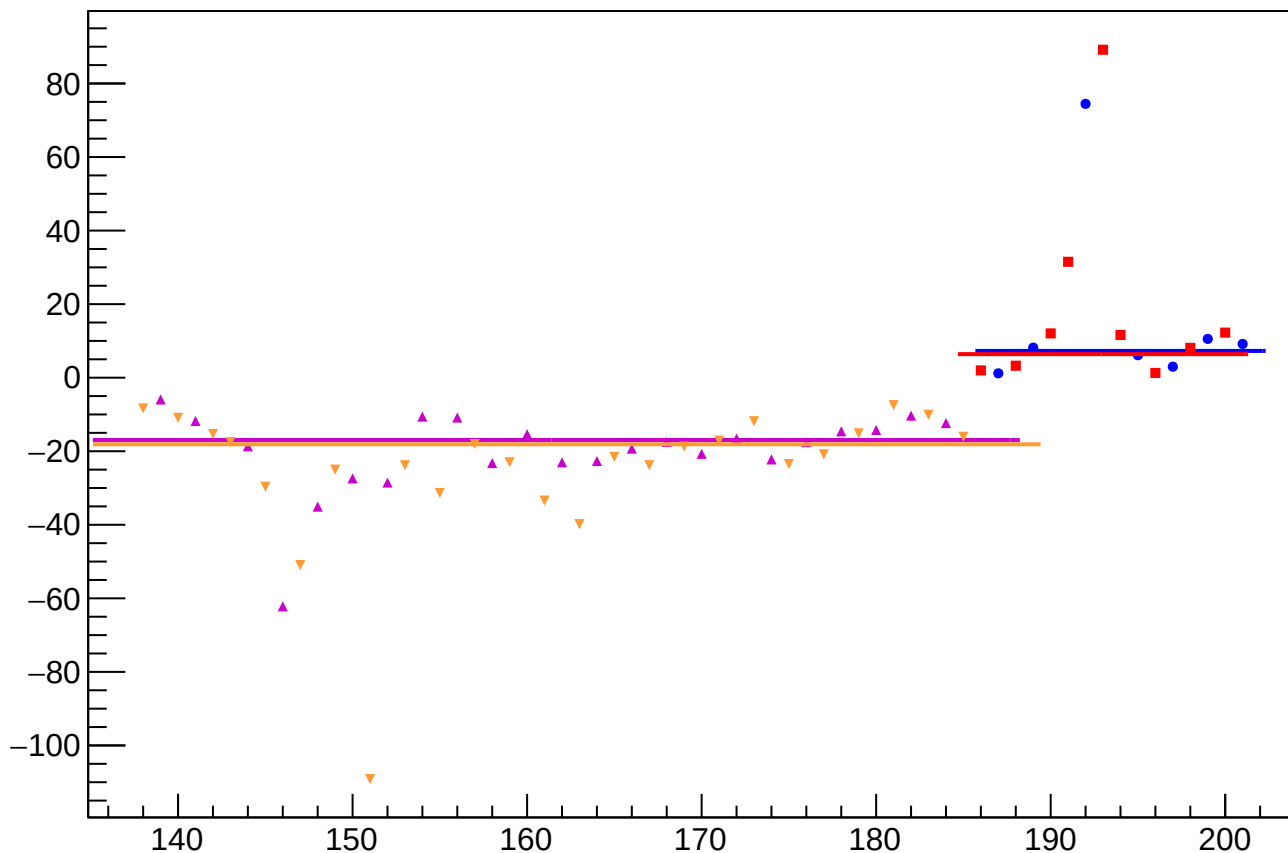
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3631.4/22$

+ sign 0.142 ± 0.001 $\chi^2/\text{NDF}: 11725.5/48$

All: 0.134 ± 0.001 $\chi^2/\text{NDF}: 30195.0/98$

- sign 0.127 ± 0.001 $\chi^2/\text{NDF}: 18406.2/49$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 7.275 $\pm$ 0.084 χ^2 /NDF: 11875.8/6

Left Out: -18.112 $\pm$ 0.039 χ^2 /NDF: 88488.2/24

Right Out: 6.404 $\pm$ 0.070 χ^2 /NDF: 25934.1/8

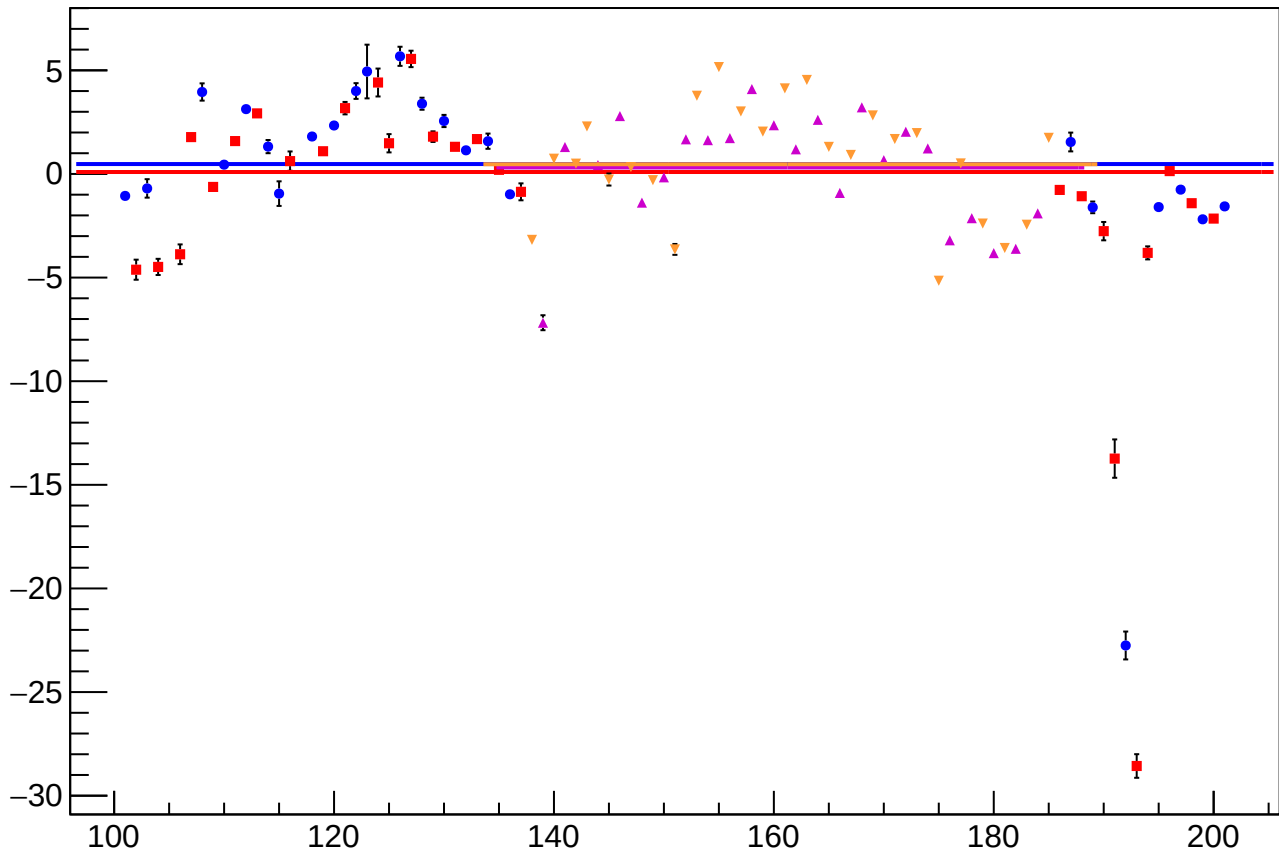
Left In: -16.945 $\pm$ 0.038 χ^2 /NDF: 44756.2/22

+ sign -13.664 $\pm$ 0.035 χ^2 /NDF: 175184.2/31

All: -12.621 $\pm$ 0.024 χ^2 /NDF: 333002.9/63

- sign -11.688 $\pm$ 0.033 χ^2 /NDF: 156161.7/31

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 0.478 ± 0.051 χ^2/NDF : 2568.1/23

Left Out: 0.469 ± 0.032 χ^2/NDF : 7076.8/24

Right Out: 0.094 ± 0.048 χ^2/NDF : 4375.9/26

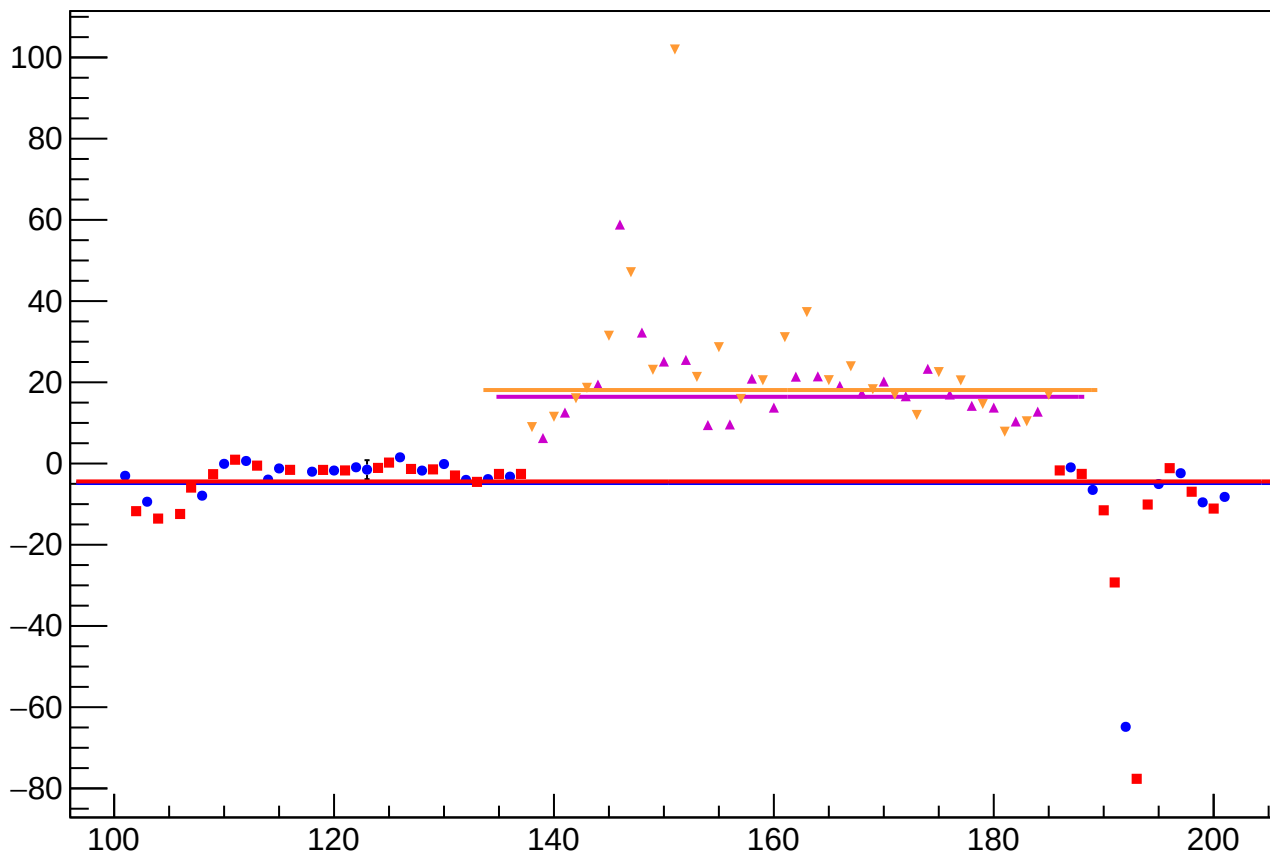
Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

+ sign 0.471 ± 0.027 χ^2/NDF : 9644.9/48

All: 0.354 ± 0.019 χ^2/NDF : 20305.2/98

- sign 0.250 ± 0.026 χ^2/NDF : 10625.6/49

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -4.798 ± 0.060 $\chi^2/\text{NDF}: 13589.7/23$

Left Out: 18.098 ± 0.039 $\chi^2/\text{NDF}: 77793.7/24$

Right Out: -4.408 ± 0.050 $\chi^2/\text{NDF}: 28013.1/26$

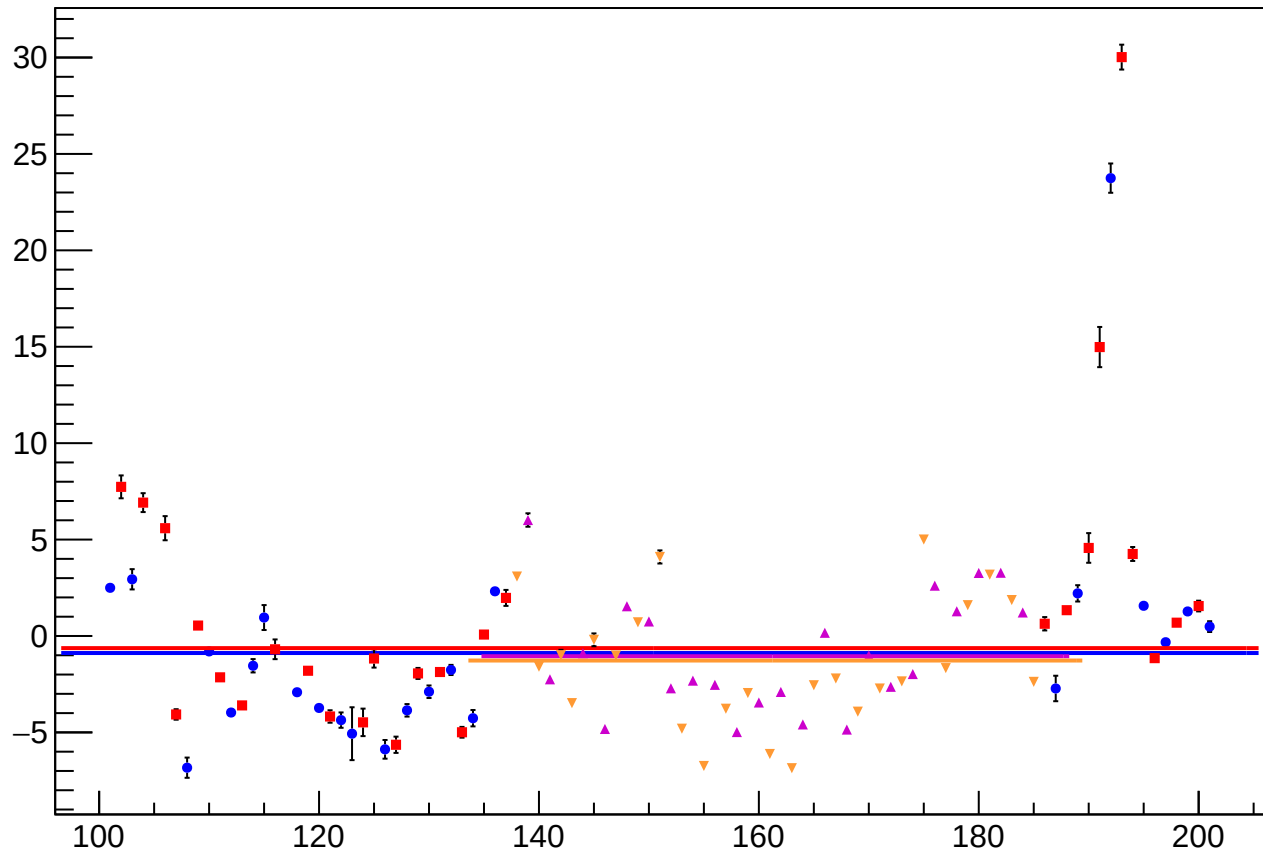
Left In: 16.431 ± 0.038 $\chi^2/\text{NDF}: 41337.1/22$

+ sign 11.308 ± 0.033 $\chi^2/\text{NDF}: 193457.3/48$

All: 10.056 ± 0.022 $\chi^2/\text{NDF}: 375537.3/98$

- sign 8.998 ± 0.030 $\chi^2/\text{NDF}: 179382.0/49$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -0.884 ± 0.060 χ^2/NDF : 2798.3/23

Left Out: -1.273 ± 0.036 χ^2/NDF : 7931.0/24

Right Out: -0.630 ± 0.056 χ^2/NDF : 4587.1/26

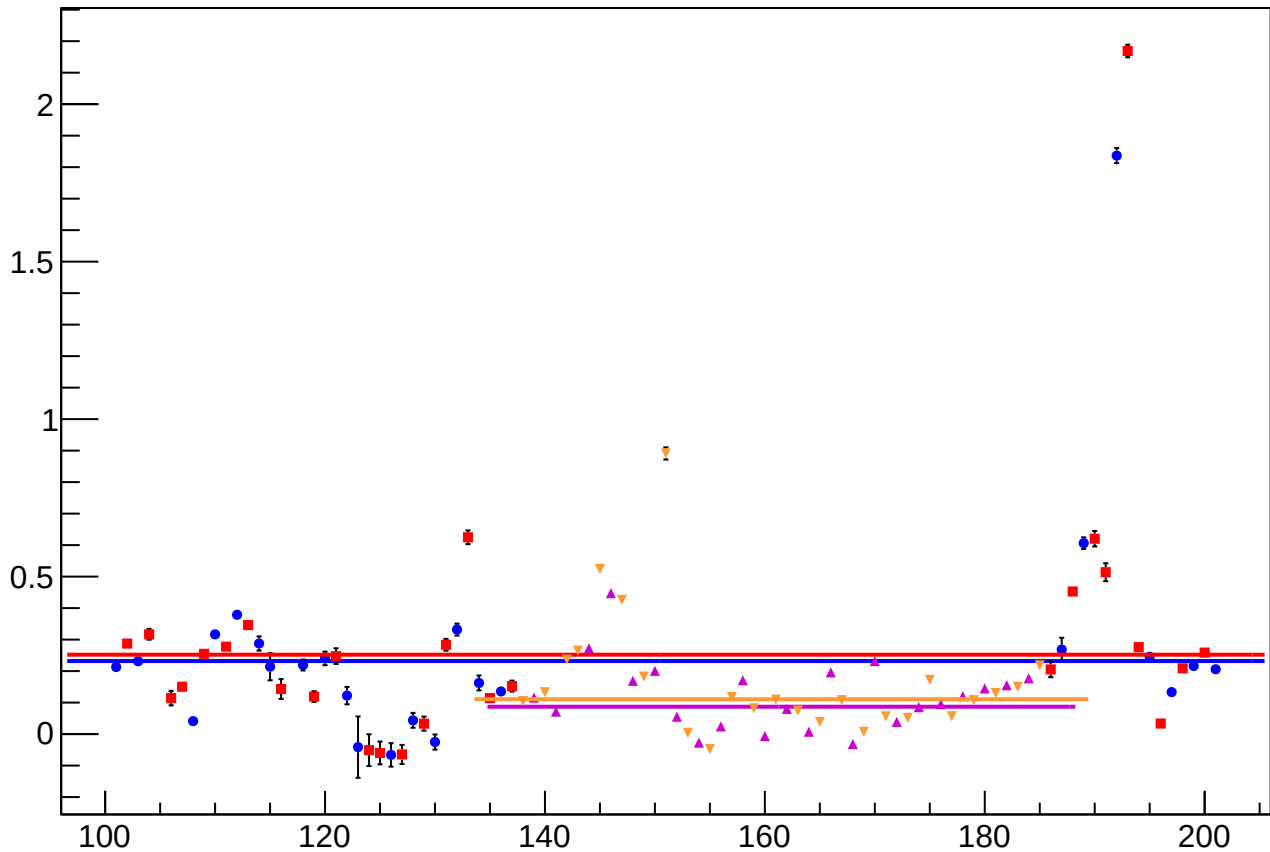
Left In: -1.050 ± 0.034 χ^2/NDF : 6713.0/22

+ sign -1.170 ± 0.031 χ^2/NDF : 10760.3/48

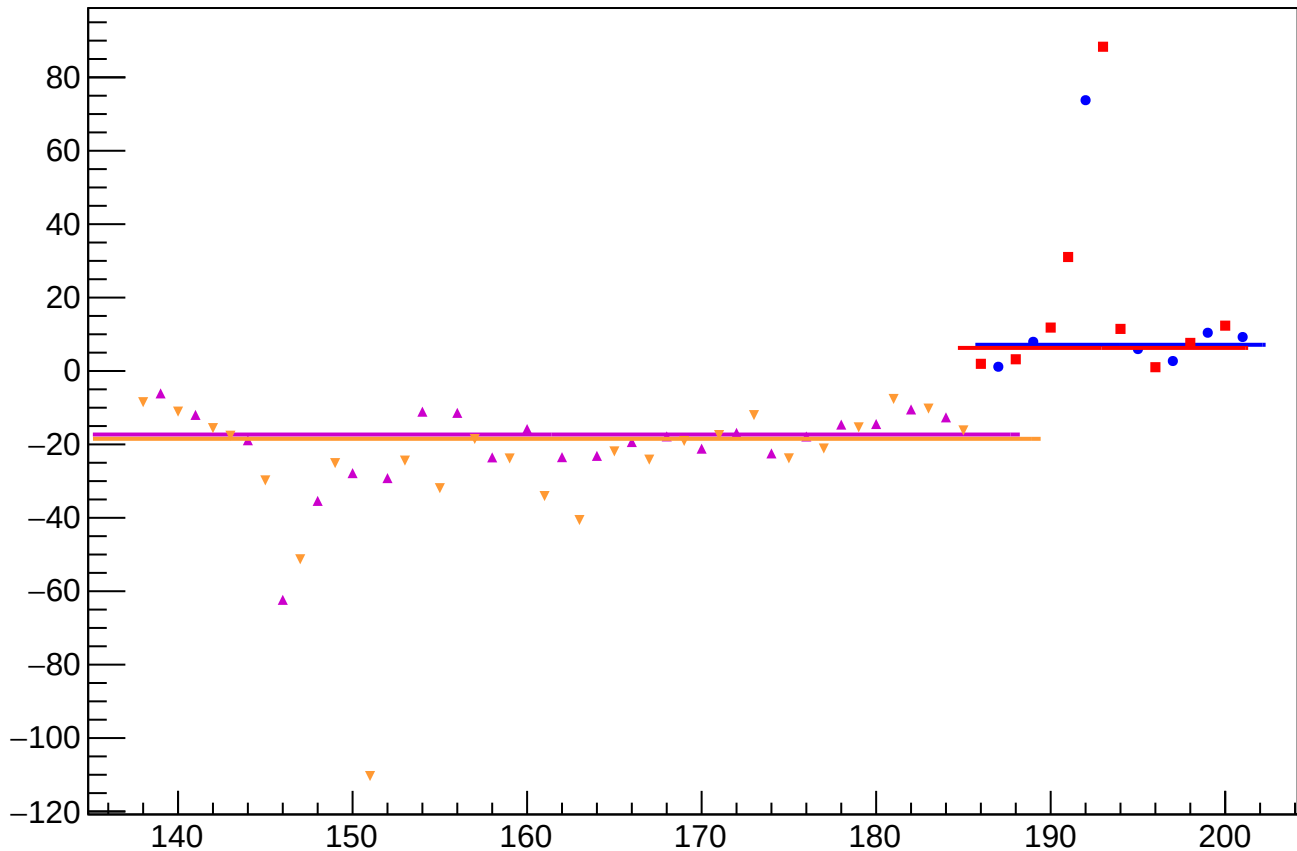
All: -1.048 ± 0.021 χ^2/NDF : 22131.2/98

- sign -0.938 ± 0.029 χ^2/NDF : 11340.9/49

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 7.141 ± 0.085 $\chi^2/\text{NDF}: 11678.8/6$

Left Out: -18.478 ± 0.040 $\chi^2/\text{NDF}: 87856.5/24$

Right Out: 6.289 ± 0.071 $\chi^2/\text{NDF}: 25465.5/8$

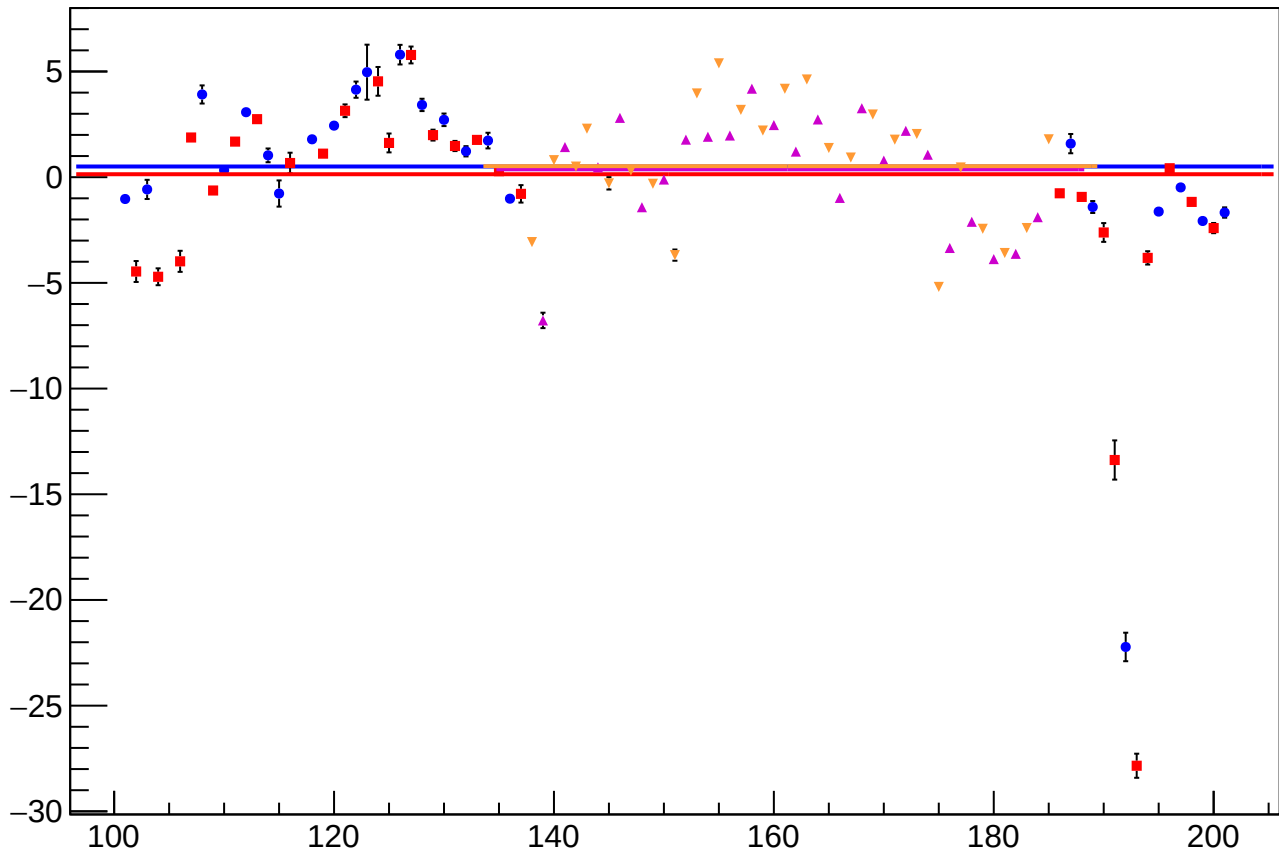
Left In: -17.309 ± 0.039 $\chi^2/\text{NDF}: 43807.0/22$

+ sign -13.861 ± 0.036 $\chi^2/\text{NDF}: 174408.3/31$

All: -12.789 ± 0.025 $\chi^2/\text{NDF}: 331211.8/63$

- sign -11.833 ± 0.034 $\chi^2/\text{NDF}: 155125.1/31$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 0.505 ± 0.052 χ^2/NDF : 2471.2/23

Left Out: 0.522 ± 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.140 ± 0.049 χ^2/NDF : 4217.7/26

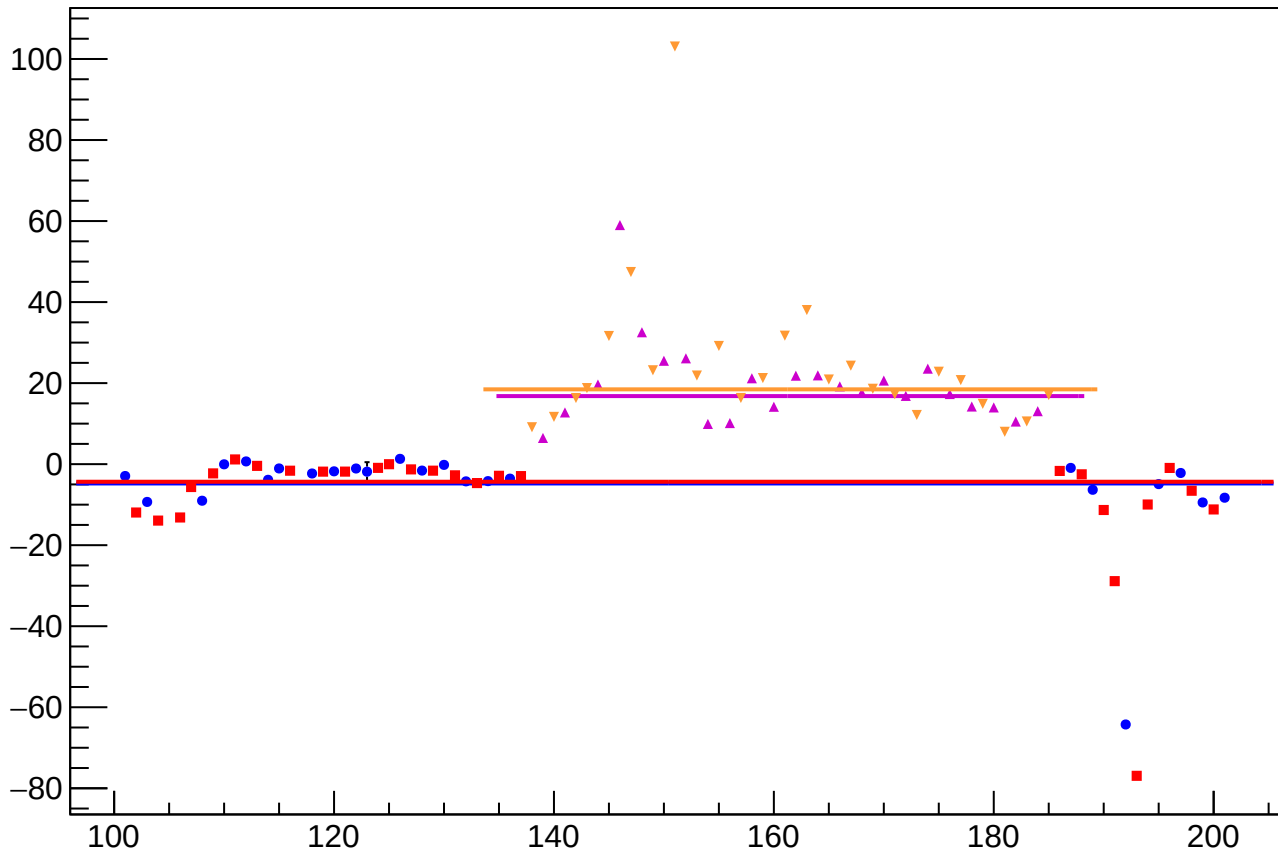
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.517 ± 0.028 χ^2/NDF : 9509.5/48

All: 0.405 ± 0.019 χ^2/NDF : 20037.6/98

- sign 0.305 ± 0.026 χ^2/NDF : 10497.7/49

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -4.765 ± 0.061 χ^2/NDF : 13298.5/23

Left Out: 18.463 ± 0.040 χ^2/NDF : 77193.5/24

Right Out: -4.342 ± 0.051 χ^2/NDF : 27515.0/26

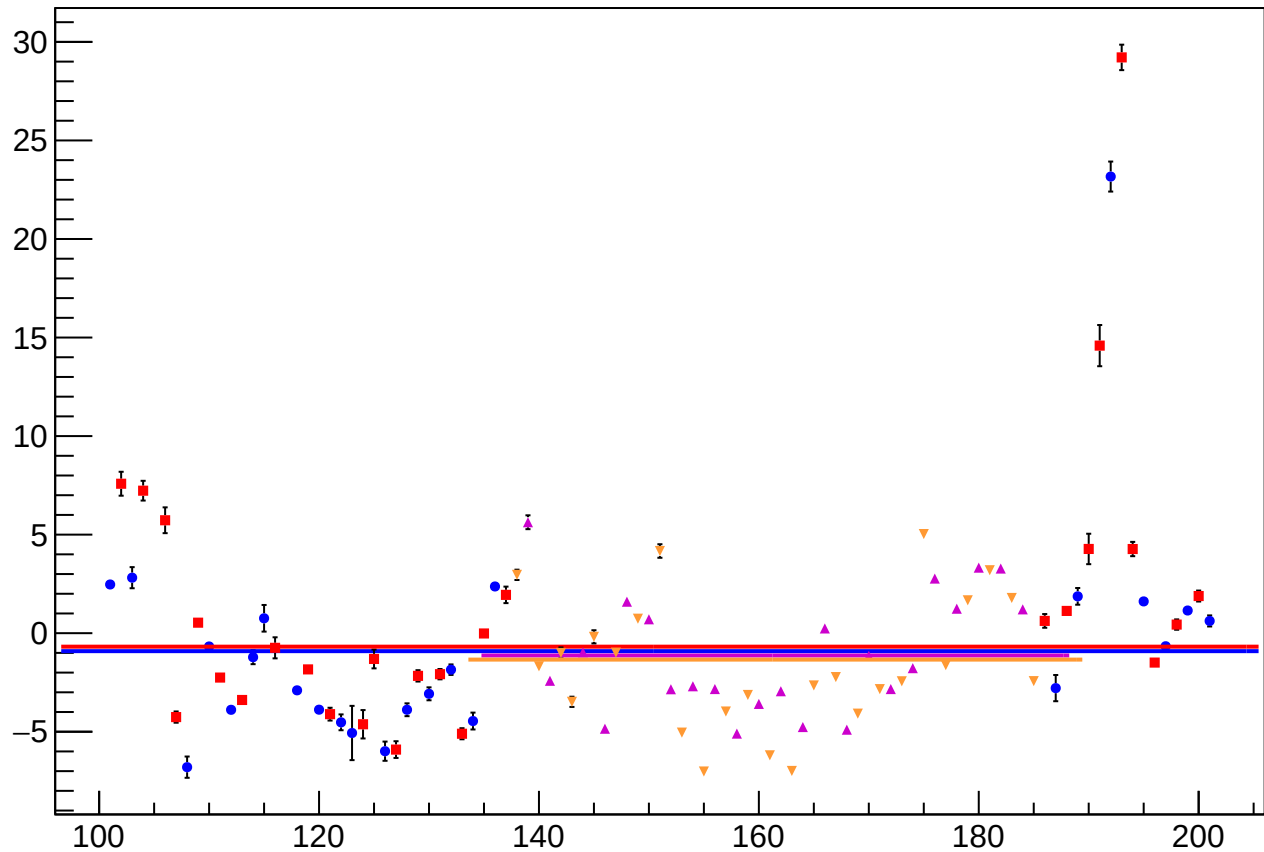
Left In: 16.798 ± 0.038 χ^2/NDF : 40258.9/22

+ sign 11.443 ± 0.033 χ^2/NDF : 192788.5/48

All: 10.176 ± 0.023 χ^2/NDF : 373360.1/98

- sign 9.106 ± 0.031 χ^2/NDF : 177909.3/49

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -0.912 ± 0.061 χ^2/NDF : 2712.7/23

Left Out: -1.341 ± 0.037 χ^2/NDF : 7886.0/24

Right Out: -0.684 ± 0.057 χ^2/NDF : 4433.2/26

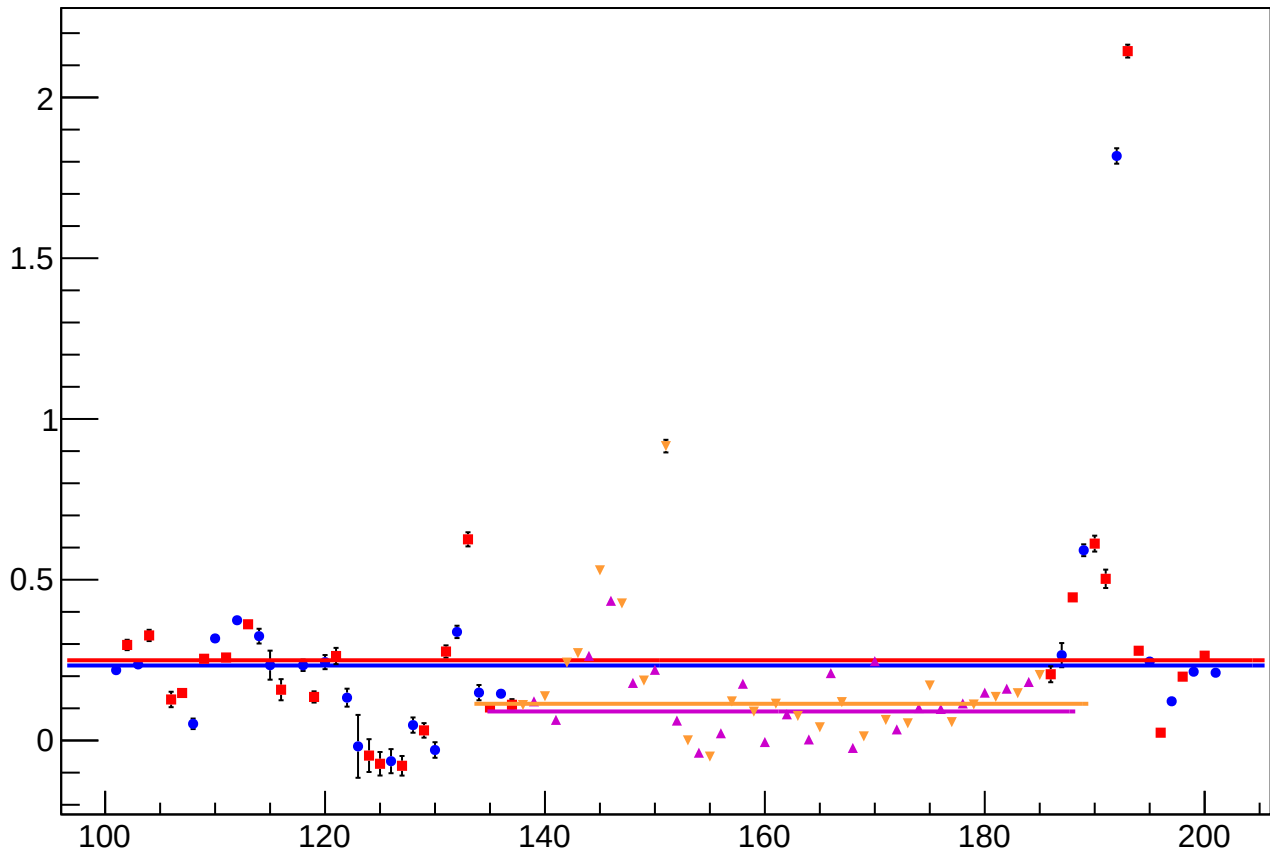
Left In: -1.132 ± 0.035 χ^2/NDF : 6743.4/22

+ sign -1.227 ± 0.031 χ^2/NDF : 10635.1/48

All: -1.113 ± 0.022 χ^2/NDF : 21881.0/98

- sign -1.011 ± 0.030 χ^2/NDF : 11221.1/49

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.233 ± 0.003 $\chi^2/\text{NDF}: 5654.9/23$

Left Out: 0.114 ± 0.002 $\chi^2/\text{NDF}: 4382.5/24$

Right Out: 0.250 ± 0.003 $\chi^2/\text{NDF}: 11636.9/26$

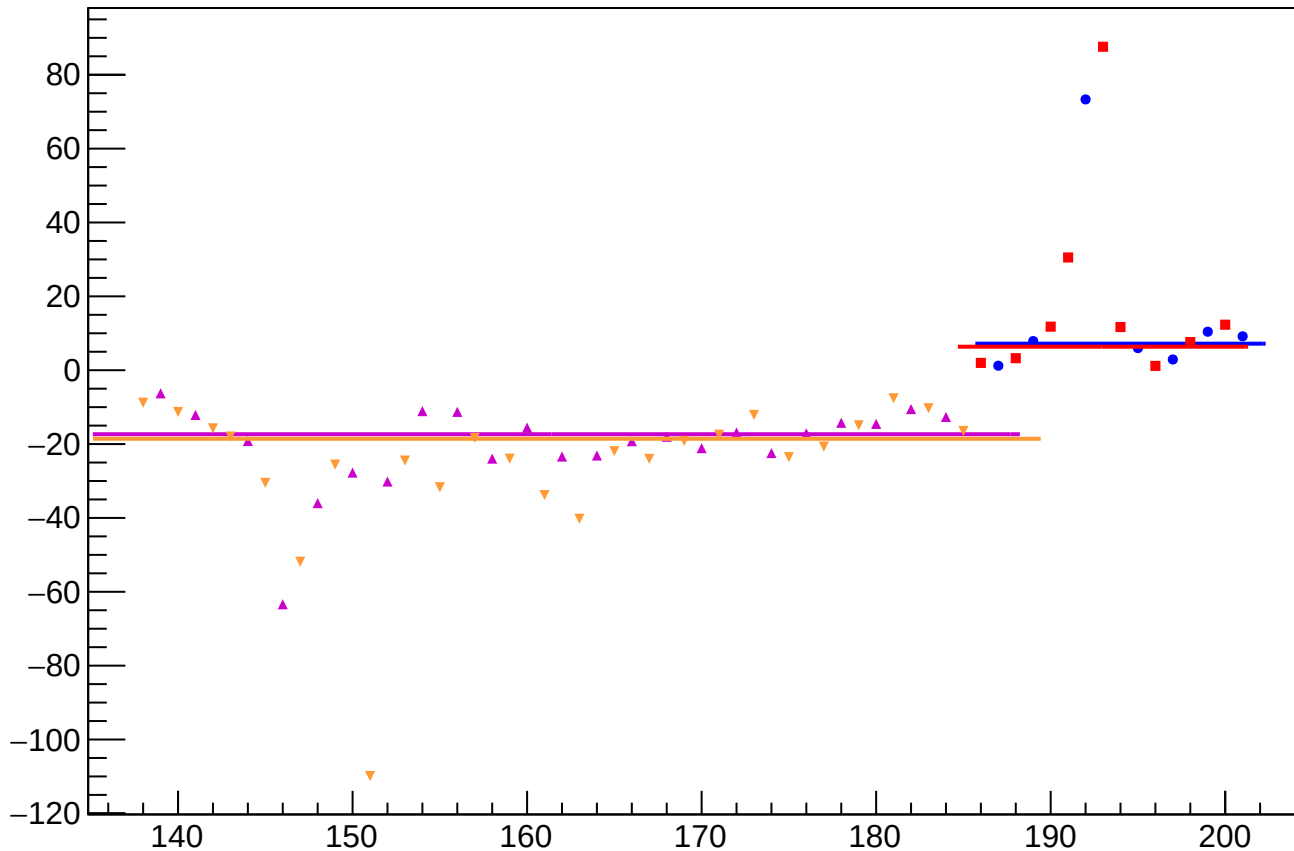
Left In: 0.090 ± 0.002 $\chi^2/\text{NDF}: 3679.2/22$

+ sign 0.145 ± 0.001 $\chi^2/\text{NDF}: 11427.1/48$

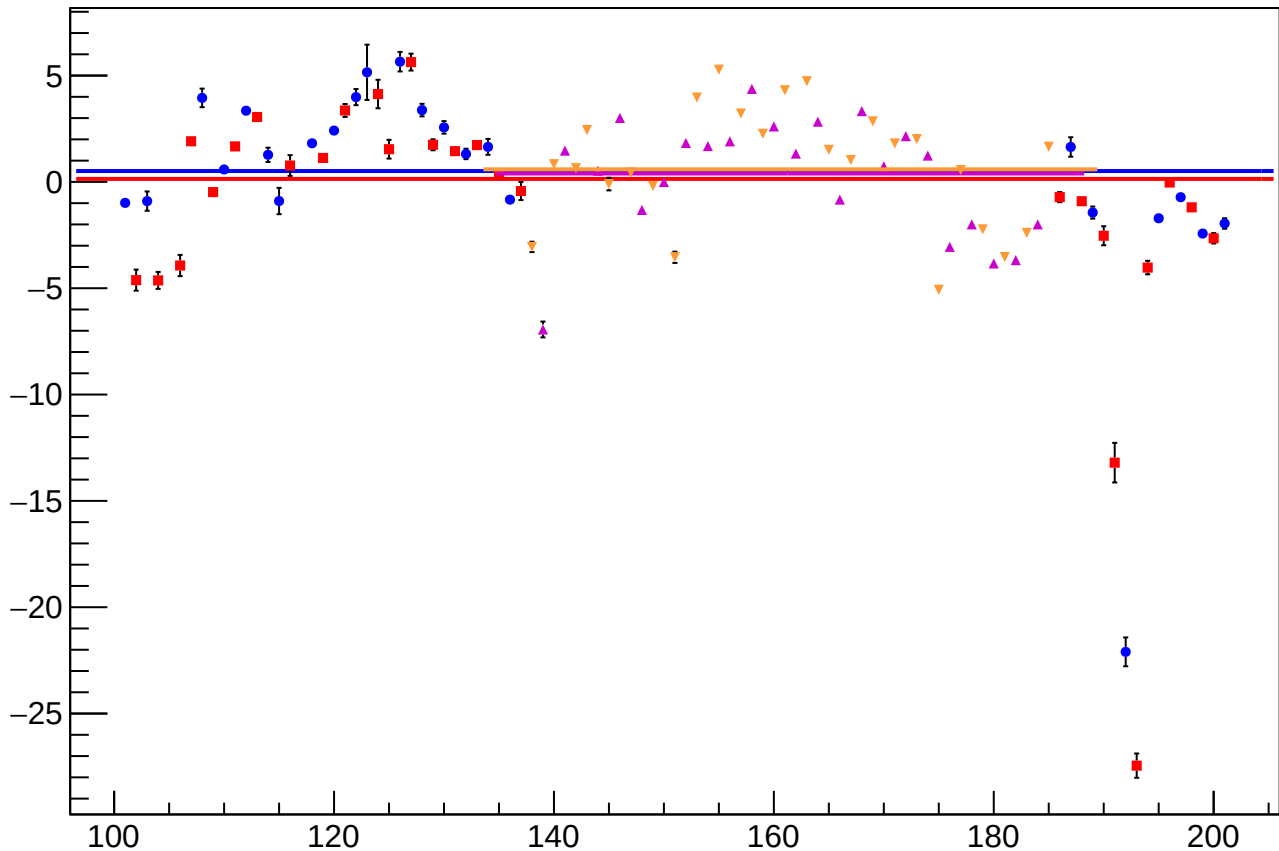
All: 0.137 ± 0.001 $\chi^2/\text{NDF}: 29502.4/98$

- sign 0.130 ± 0.001 $\chi^2/\text{NDF}: 18010.7/49$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 0.511 ± 0.052 χ^2/NDF : 2520.2/23

Left Out: 0.590 ± 0.033 χ^2/NDF : 6780.3/24

Right Out: 0.141 ± 0.050 χ^2/NDF : 4162.7/26

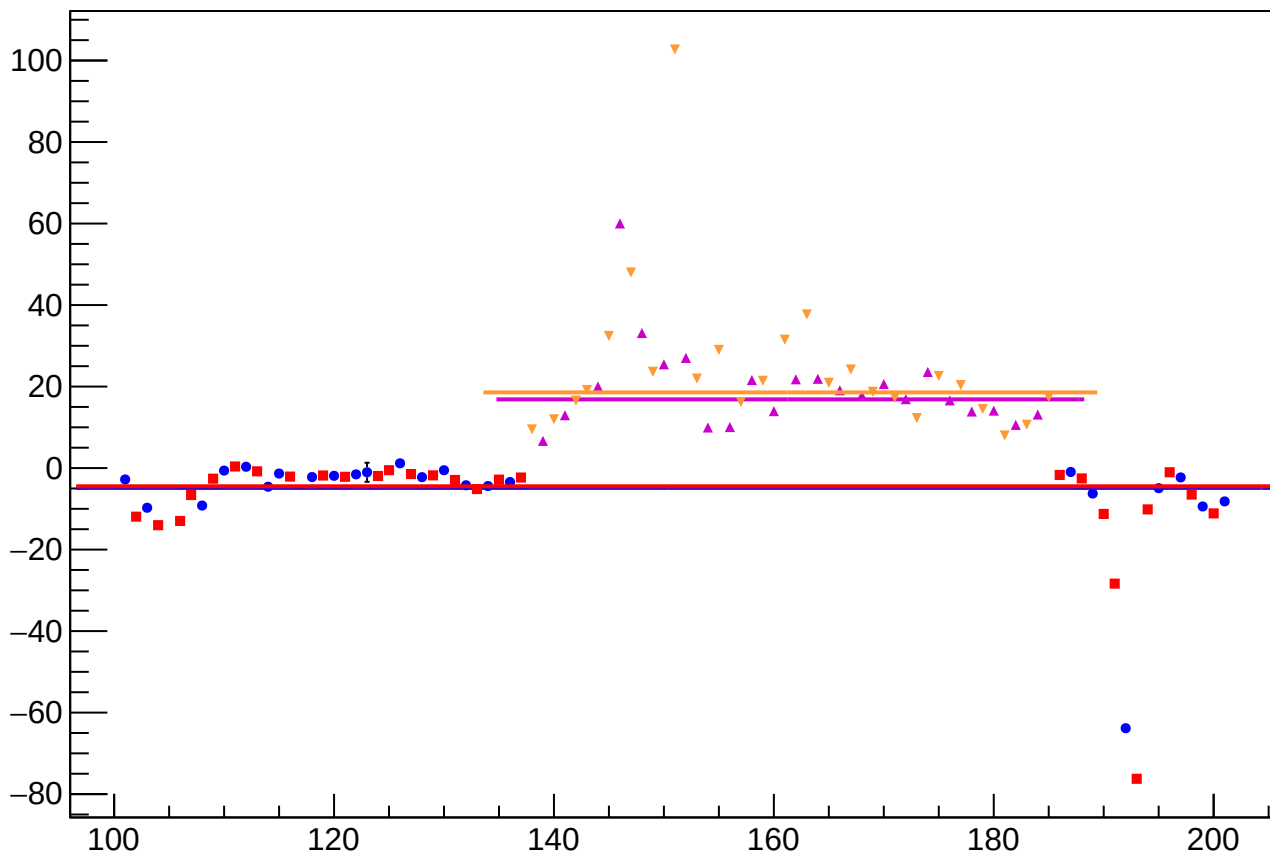
Left In: 0.394 ± 0.032 χ^2/NDF : 6112.7/22

+ sign 0.568 ± 0.028 χ^2/NDF : 9302.1/48

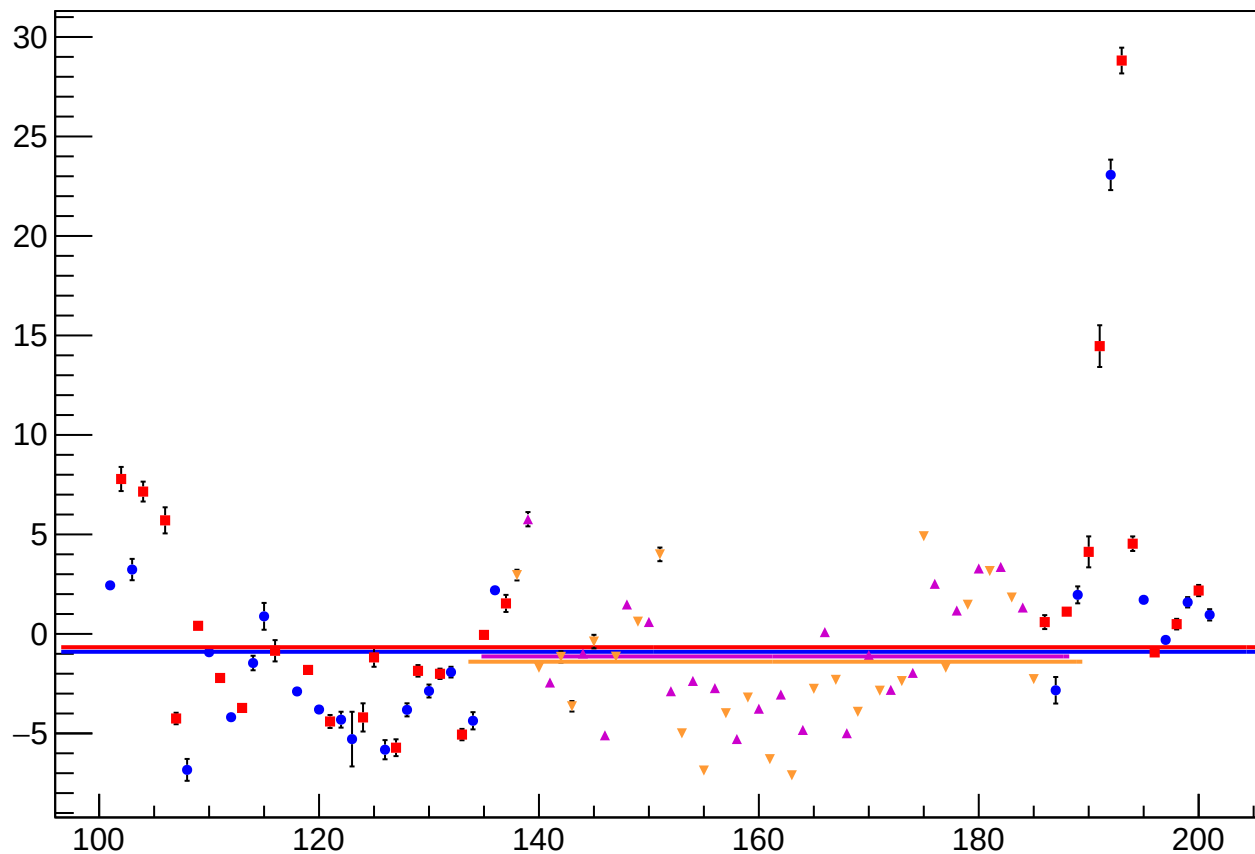
All: 0.438 ± 0.019 χ^2/NDF : 19636.6/98

- sign 0.321 ± 0.027 χ^2/NDF : 10294.0/49

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -0.898 ± 0.061 χ^2/NDF : 2714.2/23

Left Out: -1.397 ± 0.037 χ^2/NDF : 7631.3/24

Right Out: -0.668 ± 0.058 χ^2/NDF : 4362.5/26

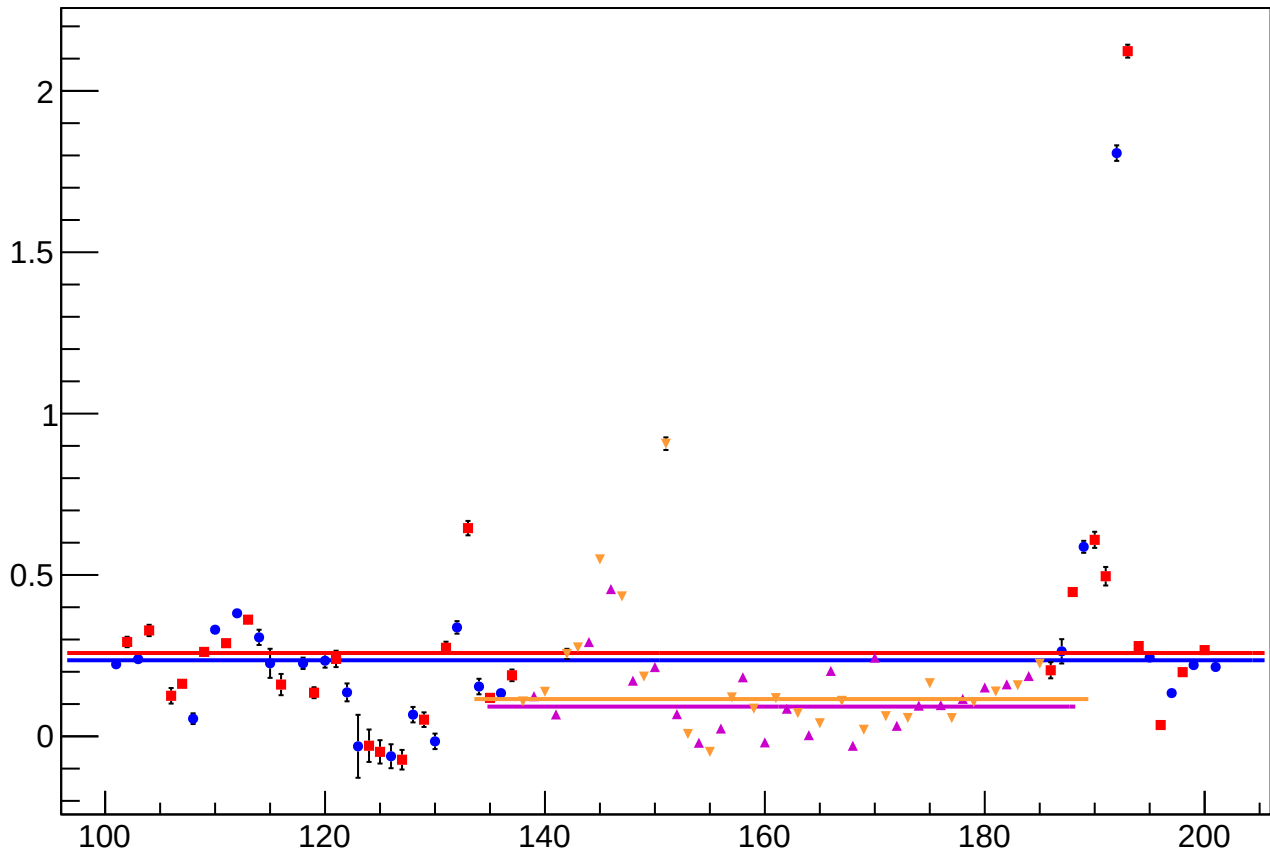
Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

+ sign -1.264 ± 0.032 χ^2/NDF : 10393.9/48

All: -1.129 ± 0.022 χ^2/NDF : 21475.8/98

- sign -1.008 ± 0.030 χ^2/NDF : 11047.6/49

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.236 $\pm$ 0.003 χ^2 /NDF: 5482.5/23

Left Out: 0.115 $\pm$ 0.002 χ^2 /NDF: 4423.4/24

Right Out: 0.258 $\pm$ 0.003 χ^2 /NDF: 11115.4/26

Left In: 0.092 $\pm$ 0.002 χ^2 /NDF: 3632.6/22

+ sign 0.147 $\pm$ 0.001 χ^2 /NDF: 11288.6/48

All: 0.140 $\pm$ 0.001 χ^2 /NDF: 28930.4/98

- sign 0.133 $\pm$ 0.001 χ^2 /NDF: 17591.6/49