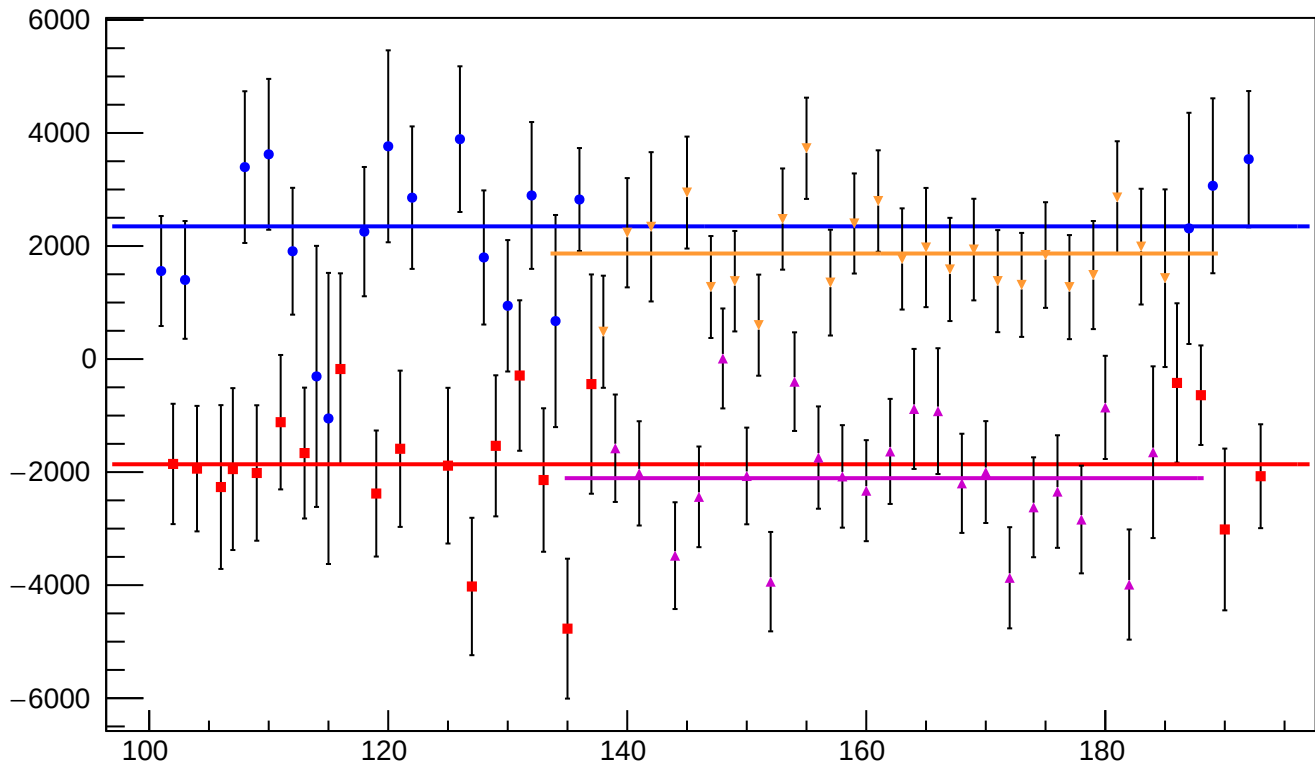


dit_asym_us_avg_mean vs Slug



Right In: 2347.792 $\pm$ 295.579

χ^2 /NDF: 12.6/18

Left Out: 1867.512 $\pm$ 194.801

χ^2 /NDF: 15.1/23

Right Out: -1861.294 $\pm$ 268.245

χ^2 /NDF: 16.2/20

Left In: -2107.246 $\pm$ 194.959

χ^2 /NDF: 30.0/22

+ sign 2012.949 $\pm$ 162.654

χ^2 /NDF: 29.6/42

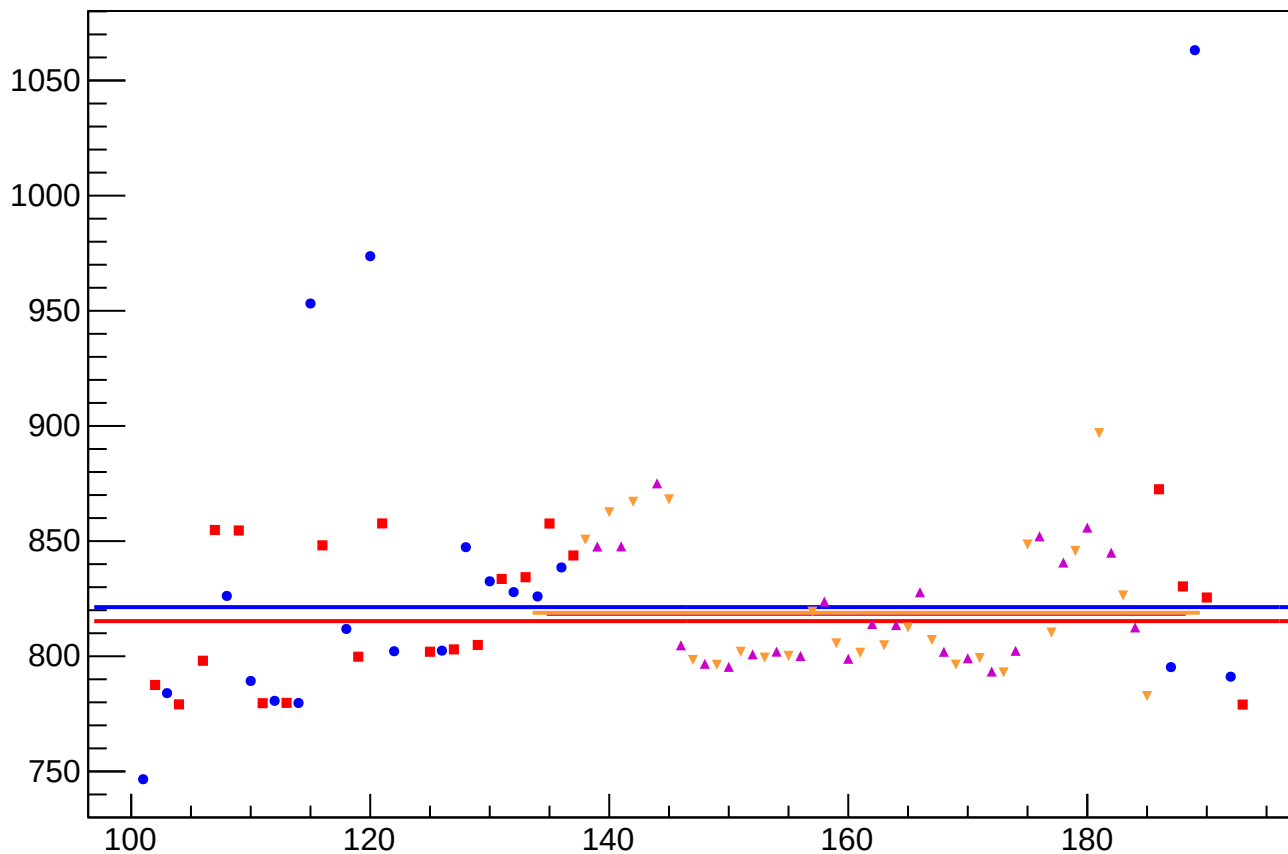
All: -66.947 $\pm$ 113.224

χ^2 /NDF: 393.5/86

- sign -2022.233 $\pm$ 157.706

χ^2 /NDF: 46.7/43

dit_asym_us_avg_rms vs Slug



Right In: 821.341 $\pm$ 0.209 χ^2 /NDF: 93533.4/18

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

Right Out: 815.266 $\pm$ 0.190 χ^2 /NDF: 25369.6/20

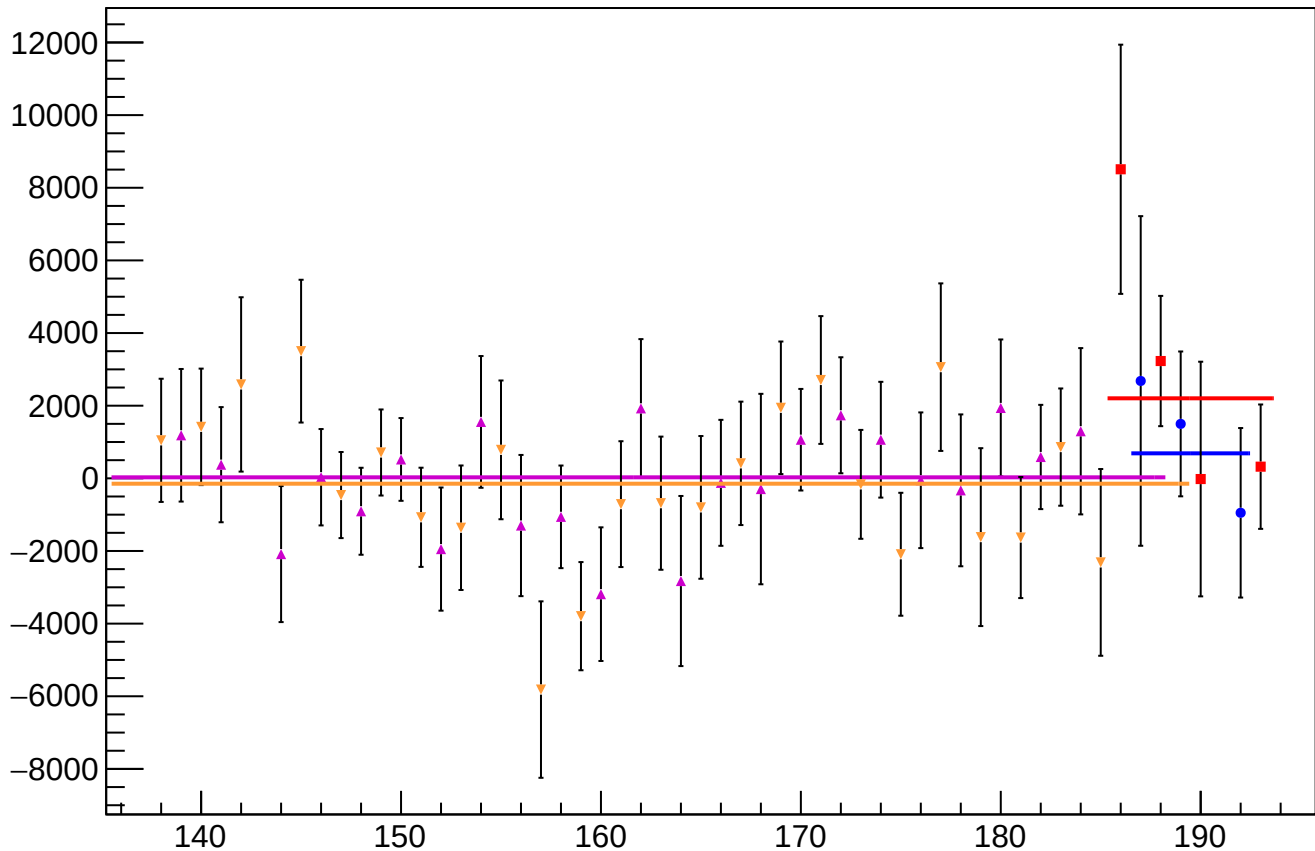
Left In: 818.403 $\pm$ 0.138 χ^2 /NDF: 29907.0/22

+ sign 819.639 $\pm$ 0.115 χ^2 /NDF: 135299.4/42

All: 818.443 $\pm$ 0.080 χ^2 /NDF: 190964.9/86

- sign 817.319 $\pm$ 0.112 χ^2 /NDF: 55455.6/43

asym_us_avg_correction_mean vs Slug



Right In: 688.257+/-1437.760 χ^2/NDF : 0.9/2

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

Right Out: 2203.086+/-1095.760 χ^2/NDF : 5.4/3

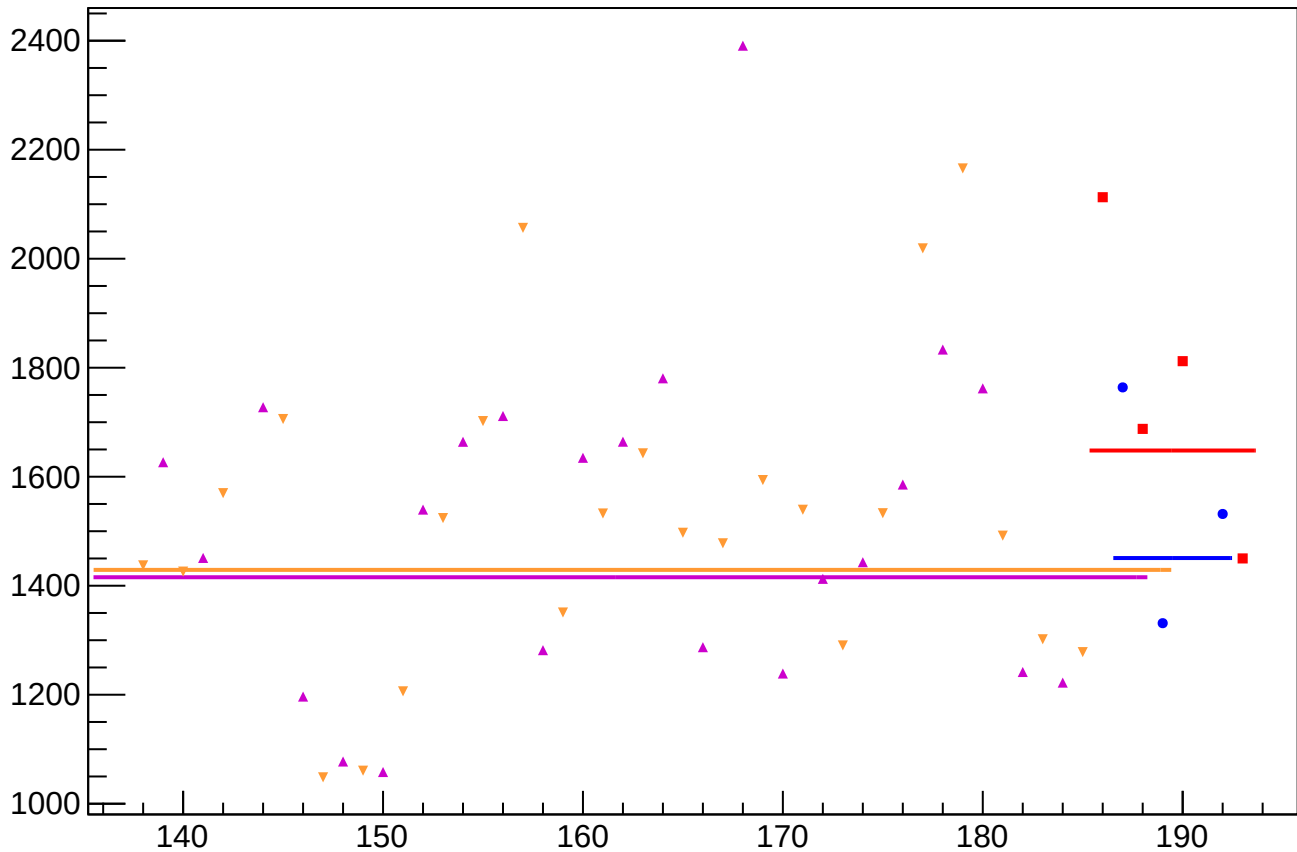
Left In: 27.722+/-344.229 χ^2/NDF : 14.8/22

+ sign -101.654+/-338.004 χ^2/NDF : 30.5/26

All: 65.411+/-235.538 χ^2/NDF : 54.7/53

- sign 223.121+/-328.406 χ^2/NDF : 23.8/26

asym_us_avg_correction_rms vs Slug



Right In: 1450.785 $\pm$ 1.017 χ^2 /NDF: 19112.3/2

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

Right Out: 1648.080 $\pm$ 0.775 χ^2 /NDF: 69590.7/3

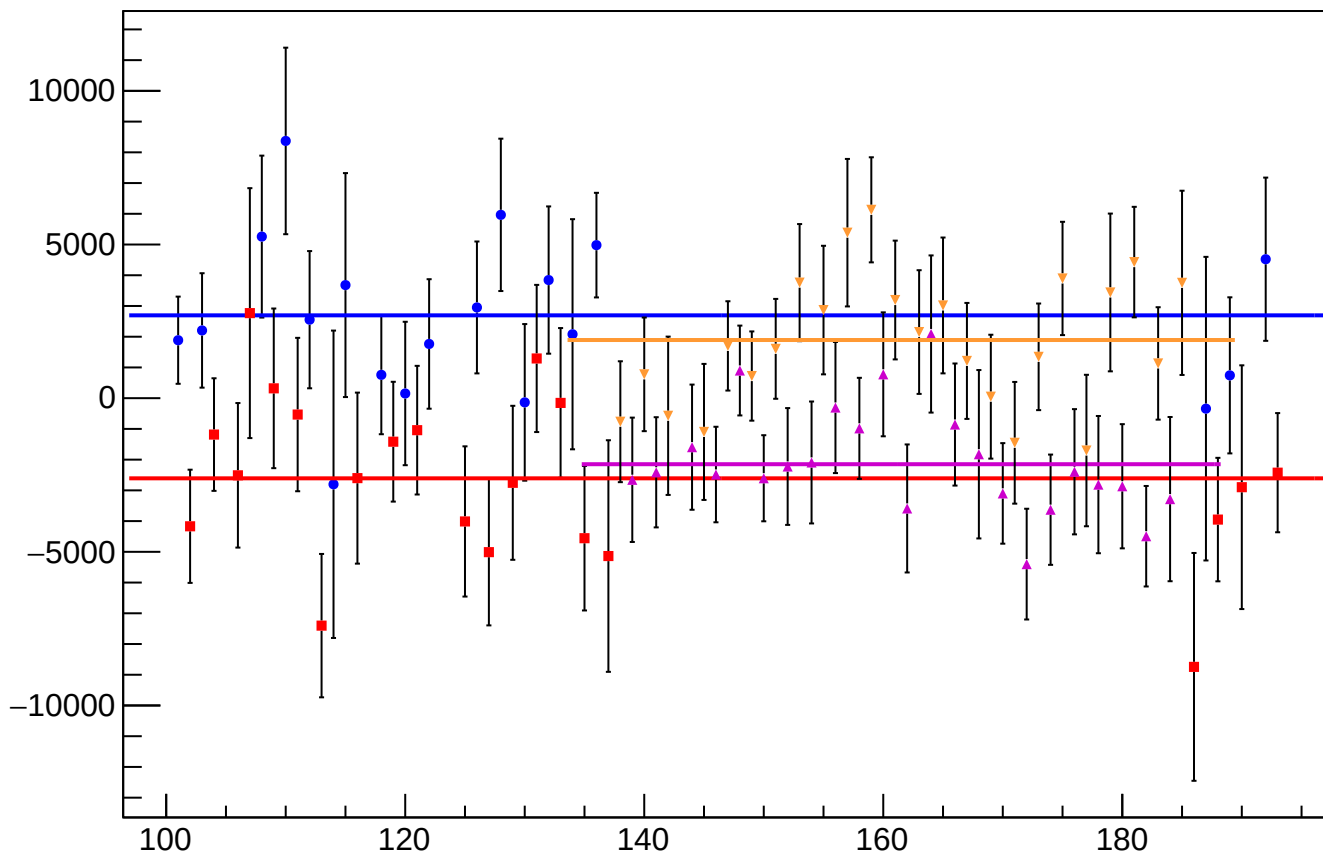
Left In: 1415.555 $\pm$ 0.243 χ^2 /NDF:1245603.5/22

+ sign 1430.265 $\pm$ 0.239 χ^2 /NDF: 1126493.1/26

All: 1433.442 $\pm$ 0.167 χ^2 /NDF: 2524002.5/53

- sign 1436.441 $\pm$ 0.232 χ^2 /NDF: 1397165.9/26

asym_us_avg_mean vs Slug



Right In: 2695.444 $\pm$ 535.033 χ^2 /NDF: 15.0/18

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

Right Out: -2608.492 $\pm$ 520.307 χ^2 /NDF: 19.5/20

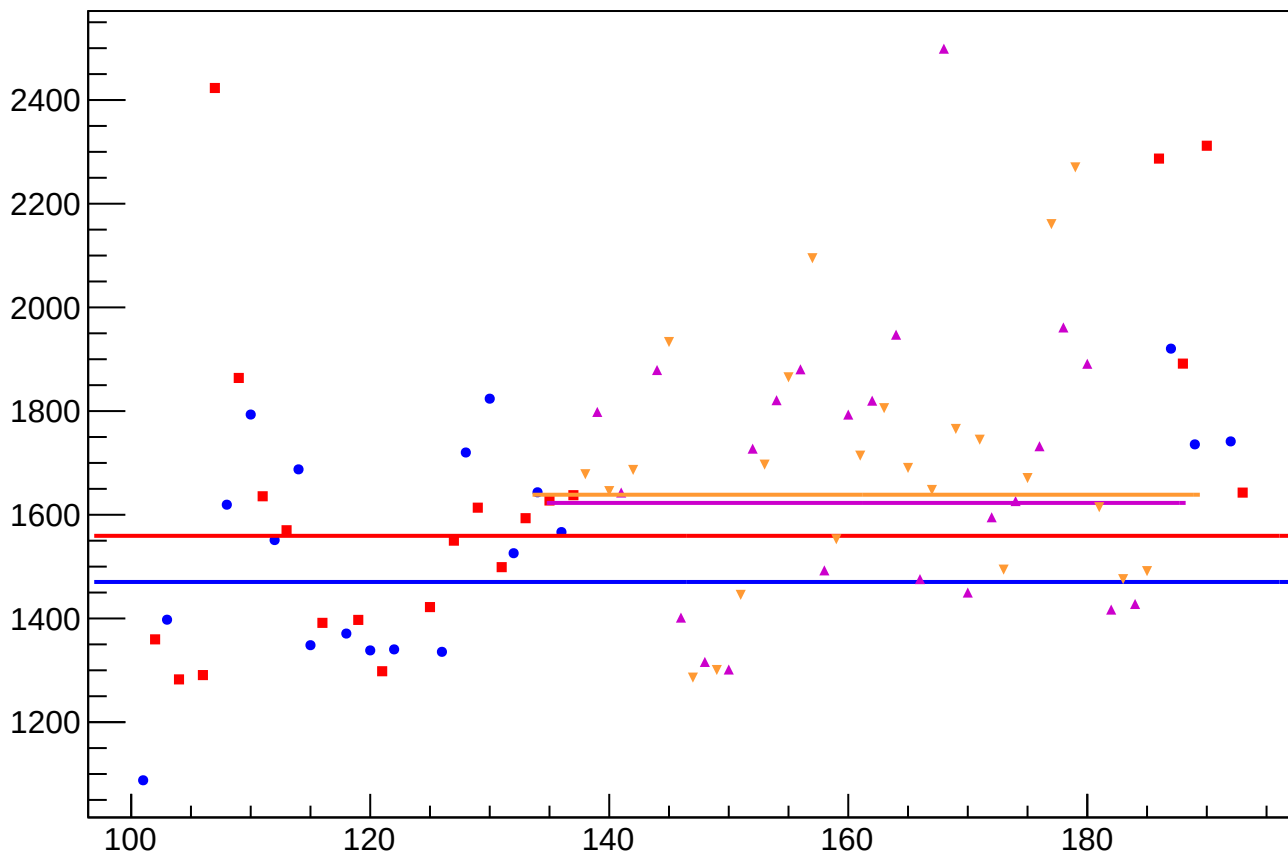
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

+ sign 2175.574 $\pm$ 317.675 χ^2 /NDF: 42.4/42

All: -103.474 $\pm$ 222.938 χ^2 /NDF: 182.3/86

- sign -2315.137 $\pm$ 312.943 χ^2 /NDF: 38.5/43

asym_us_avg_rms vs Slug



Right In: 1470.399+/-0.378 χ^2/NDF : 343240.2/18

Left Out: 1638.679+/-0.279 χ^2/NDF : 671983.1/23

Right Out: 1559.389+/-0.368 χ^2/NDF : 486115.8/20

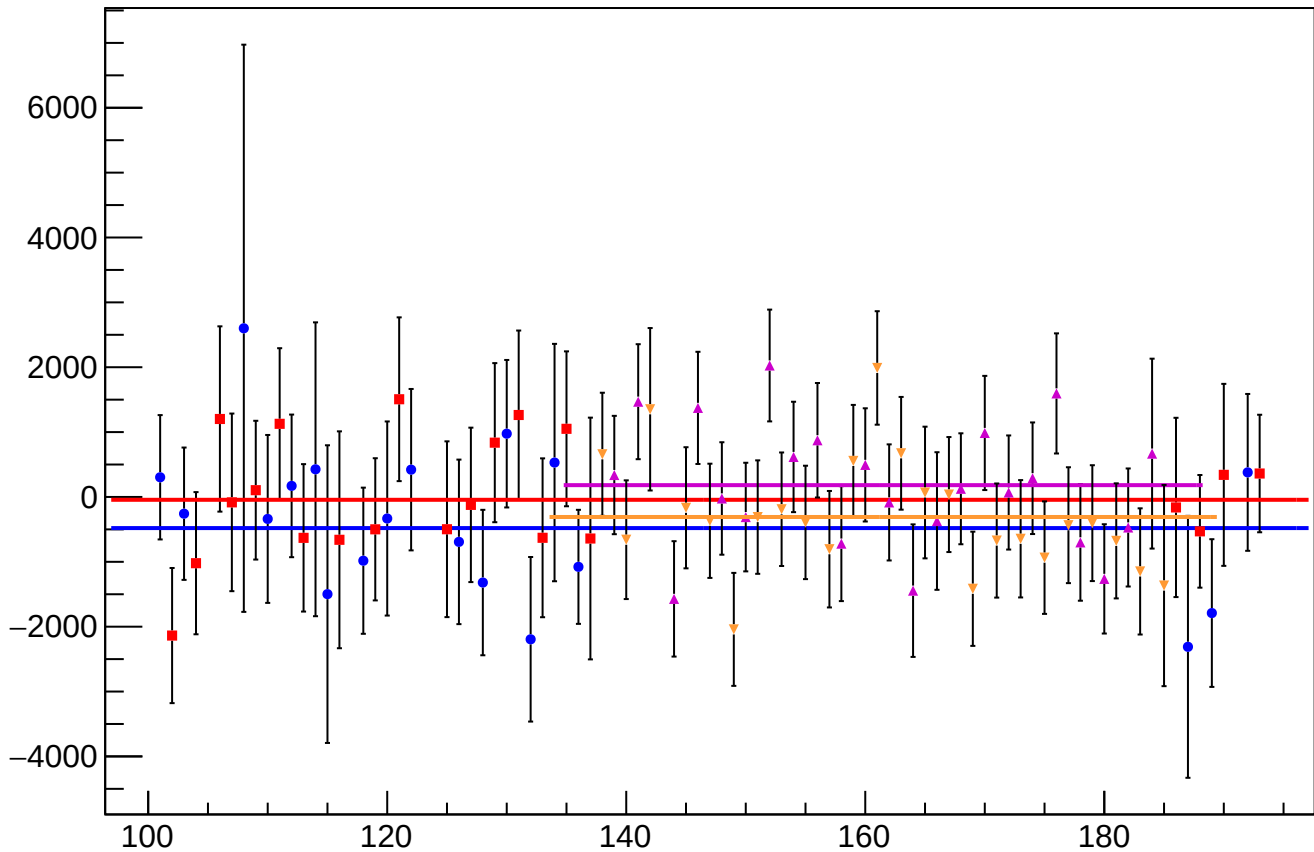
Left In: 1622.876+/-0.277 χ^2/NDF : 780522.2/22

+ sign 1579.354+/-0.225 χ^2/NDF : 1143323.1/42

All: 1589.786+/-0.158 χ^2/NDF : 2433215.7/86

- sign 1599.909+/-0.221 χ^2/NDF : 1285643.1/43

dit_asym_us_dd_mean vs Slug



Right In: -479.917 ± 289.925 χ^2/NDF : 10.1/18

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

Right Out: -43.841 ± 260.674 χ^2/NDF : 12.1/20

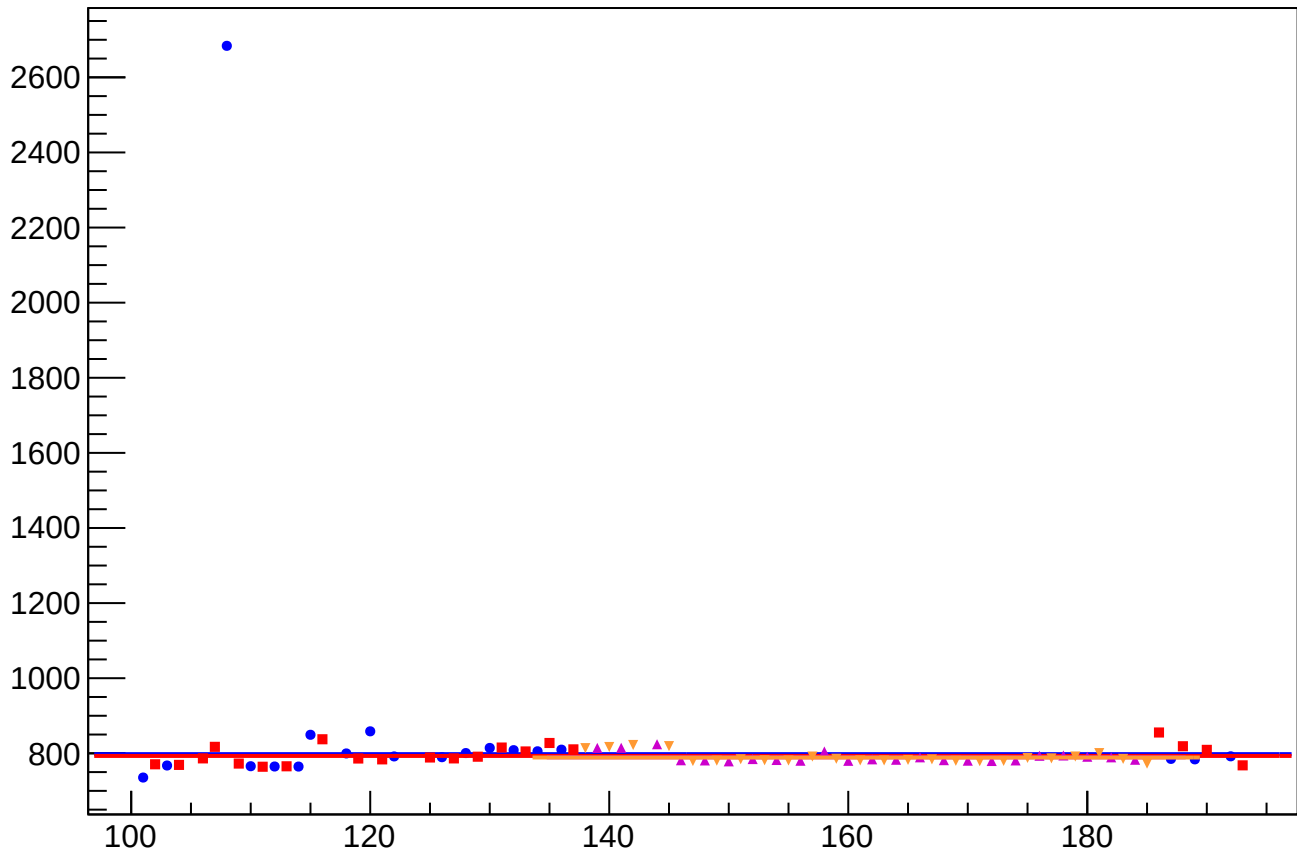
Left In: 181.983 ± 187.935 χ^2/NDF : 25.6/22

+ sign -359.256 ± 157.413 χ^2/NDF : 30.9/42

All: -119.819 ± 109.510 χ^2/NDF : 73.6/86

- sign 104.749 ± 152.446 χ^2/NDF : 38.2/43

dit_asym_us_dd_rms vs Slug



Right In: 797.794 $\pm$ 0.205 χ^2 /NDF: 391669.5/18

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

Right Out: 793.038 $\pm$ 0.184 χ^2 /NDF: 17592.2/20

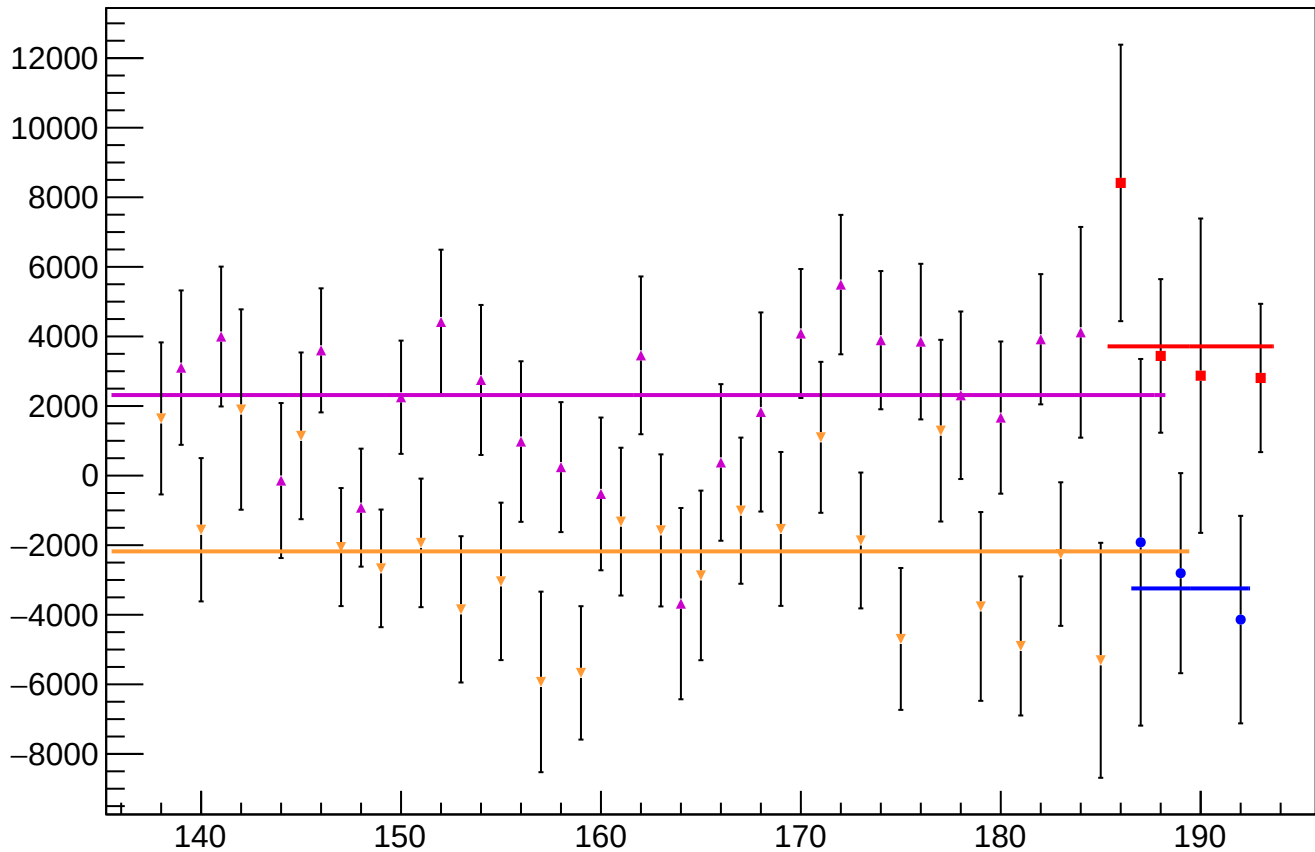
Left In: 789.406 $\pm$ 0.133 χ^2 /NDF: 9219.1/22

+ sign 791.512 $\pm$ 0.111 χ^2 /NDF: 402343.3/42

All: 791.066 $\pm$ 0.077 χ^2 /NDF: 429441.1/86

- sign 790.649 $\pm$ 0.108 χ^2 /NDF: 27066.8/43

asym_us_dd_correction_mean vs Slug



Right In: -3242.935 $\pm$ 1926.759 χ^2/NDF : 0.2/2

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

Right Out: 3714.571 $\pm$ 1363.727 χ^2/NDF : 1.6/3

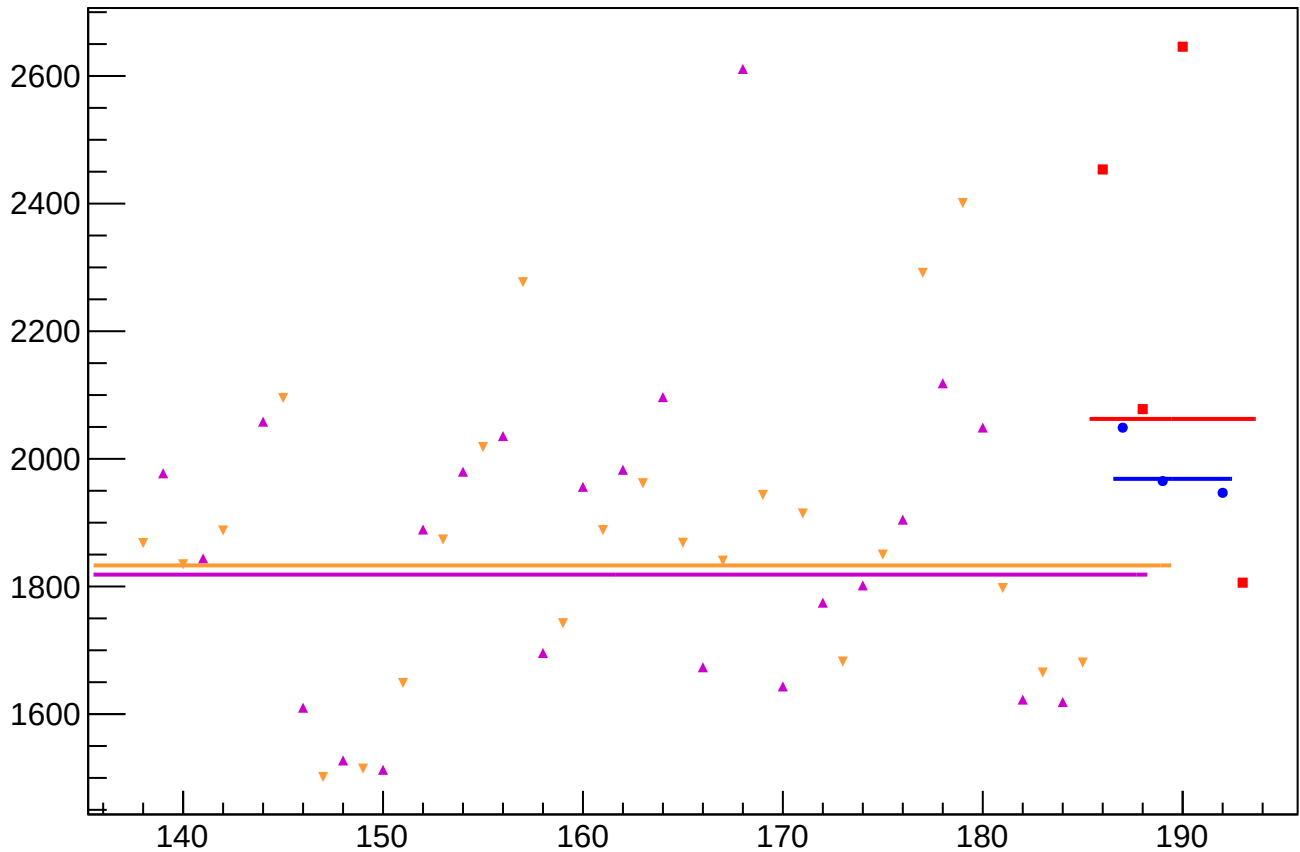
Left In: 2315.169 $\pm$ 437.003 χ^2/NDF : 22.0/22

+ sign -2231.150 $\pm$ 428.643 χ^2/NDF : 23.2/26

All: 176.268 $\pm$ 298.584 χ^2/NDF : 109.0/53

- sign 2445.487 $\pm$ 416.158 χ^2/NDF : 24.6/26

asym_us_dd_correction_rms vs Slug



Right In: 1968.681 $\pm$ 1.362 χ^2 /NDF: 574.3/2

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

Right Out: 2062.604 $\pm$ 0.964 χ^2 /NDF: 81774.2/3

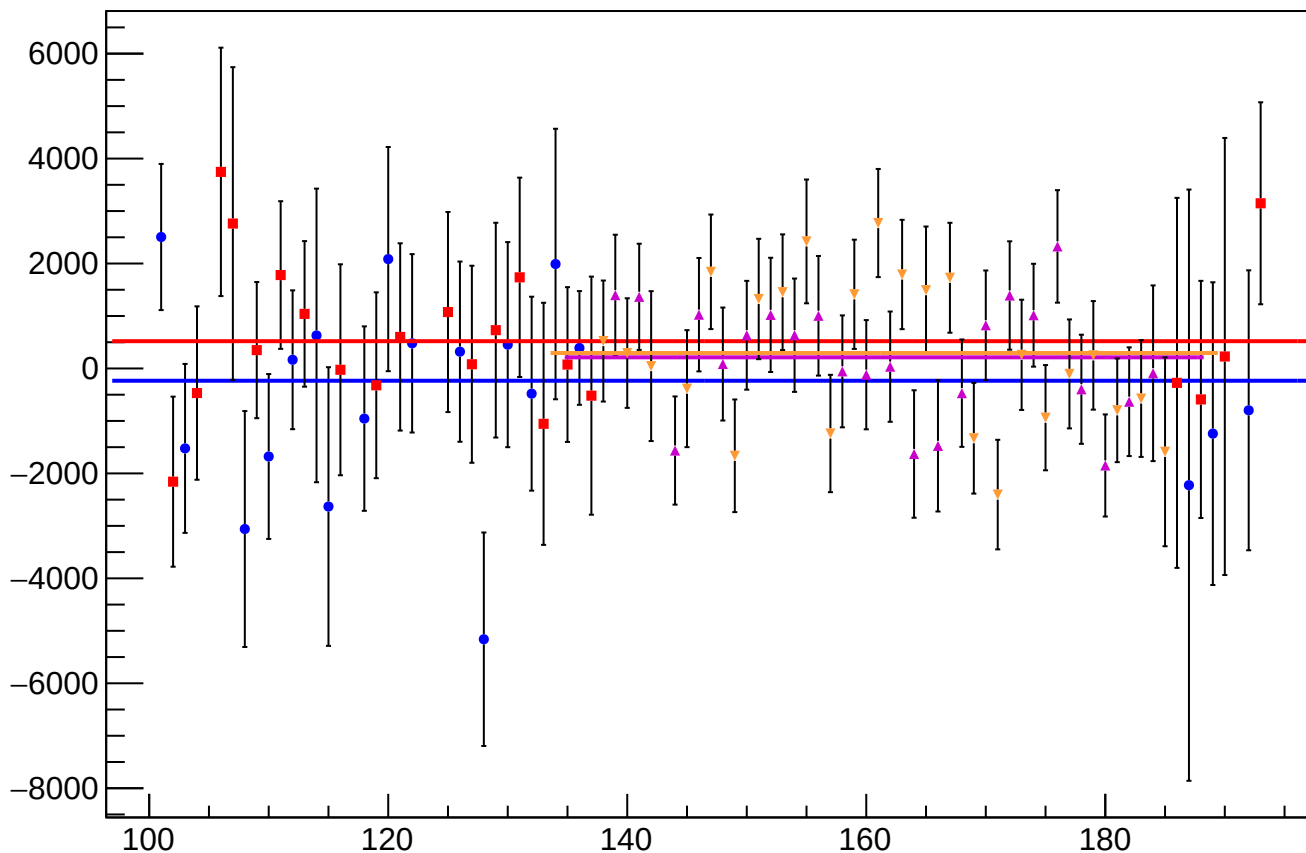
Left In: 1818.594 $\pm$ 0.309 χ^2 /NDF: 536826.7/22

+ sign 1839.742 $\pm$ 0.303 χ^2 /NDF: 475464.2/26

All: 1840.553 $\pm$ 0.211 χ^2 /NDF: 1152147.0/53

- sign 1841.317 $\pm$ 0.294 χ^2 /NDF: 676668.8/26

asym_us_dd_mean vs Slug



Right In: -234.023 ± 420.216 $\chi^2/\text{NDF}: 16.9/18$

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

Right Out: 519.907 ± 406.308 $\chi^2/\text{NDF}: 10.3/20$

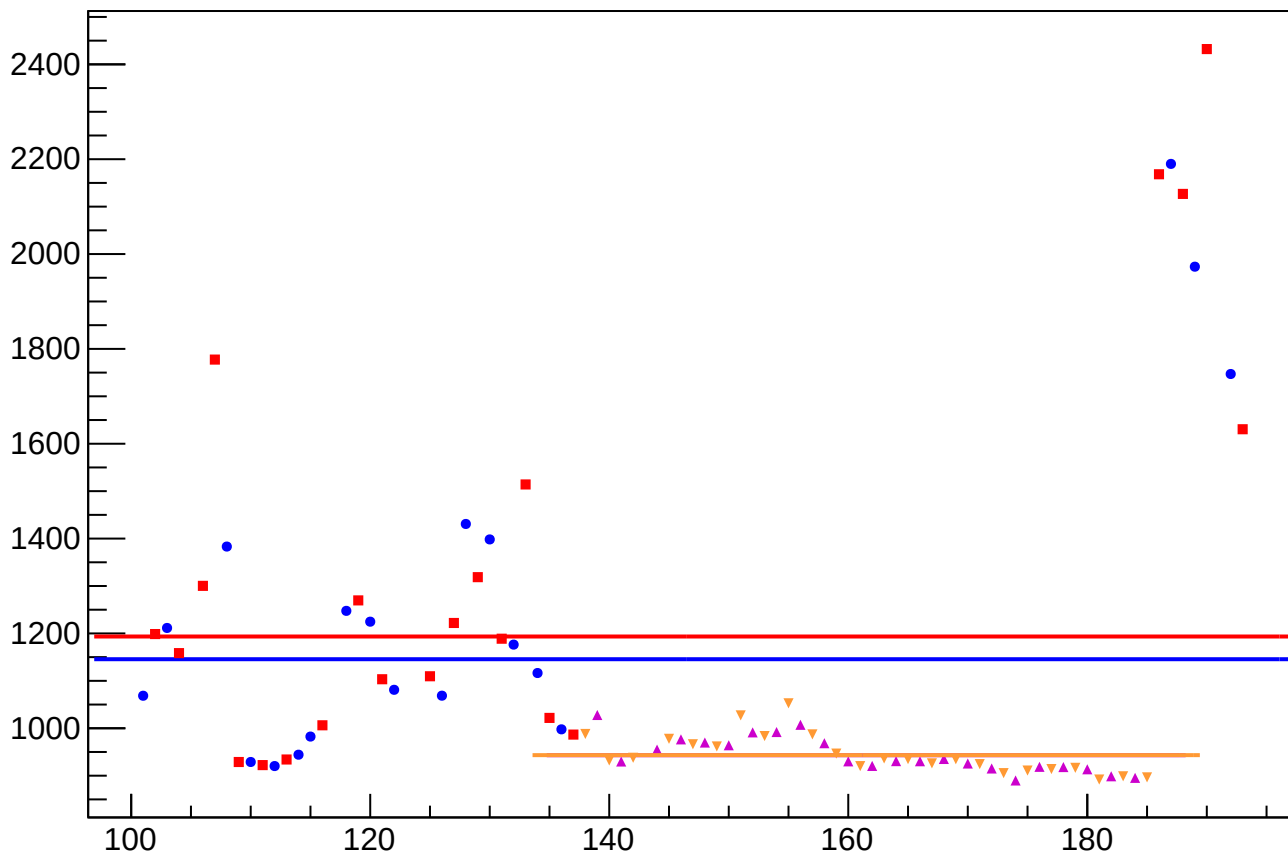
Left In: 212.080 ± 224.701 $\chi^2/\text{NDF}: 23.7/22$

+ sign 177.388 ± 197.906 $\chi^2/\text{NDF}: 56.5/42$

All: 231.127 ± 139.489 $\chi^2/\text{NDF}: 91.1/86$

- sign 284.177 ± 196.634 $\chi^2/\text{NDF}: 34.5/43$

asym_us_dd_rms vs Slug



Right In: 1145.617+/-0.297 χ^2/NDF : 607954.5/18

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

Right Out: 1193.502+/-0.287 χ^2/NDF : 1203601.6/20

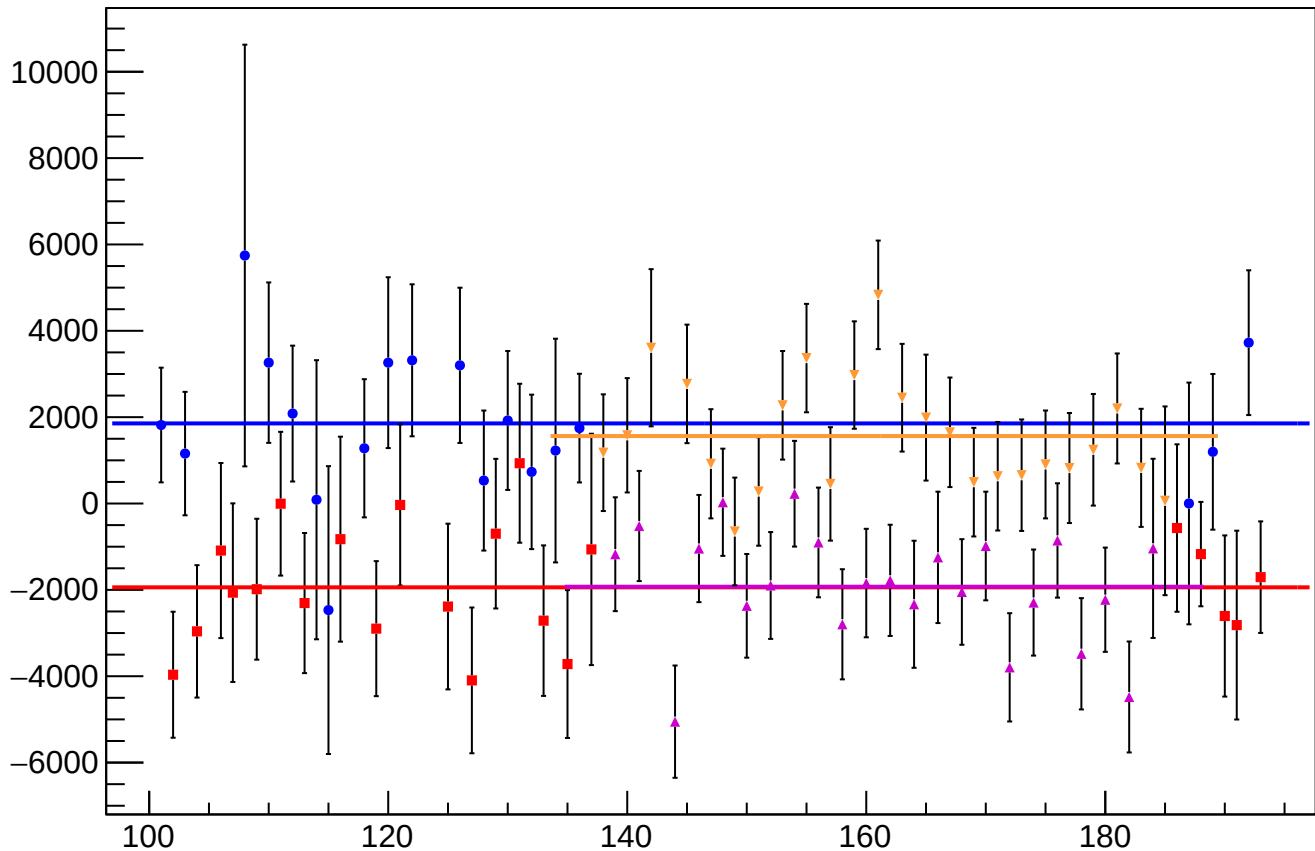
Left In: 943.137+/-0.159 χ^2/NDF : 49948.2/22

+ sign 988.196+/-0.140 χ^2/NDF : 1029044.9/42

All: 995.029+/-0.099 χ^2/NDF : 2868867.4/86

- sign 1001.775+/-0.139 χ^2/NDF : 1835084.7/43

dit_asym_usl_mean vs Slug



Right In: 1855.279 $\pm$ 411.474 χ^2 /NDF: 8.3/18

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

Right Out: -1941.278 $\pm$ 365.925 χ^2 /NDF: 12.8/21

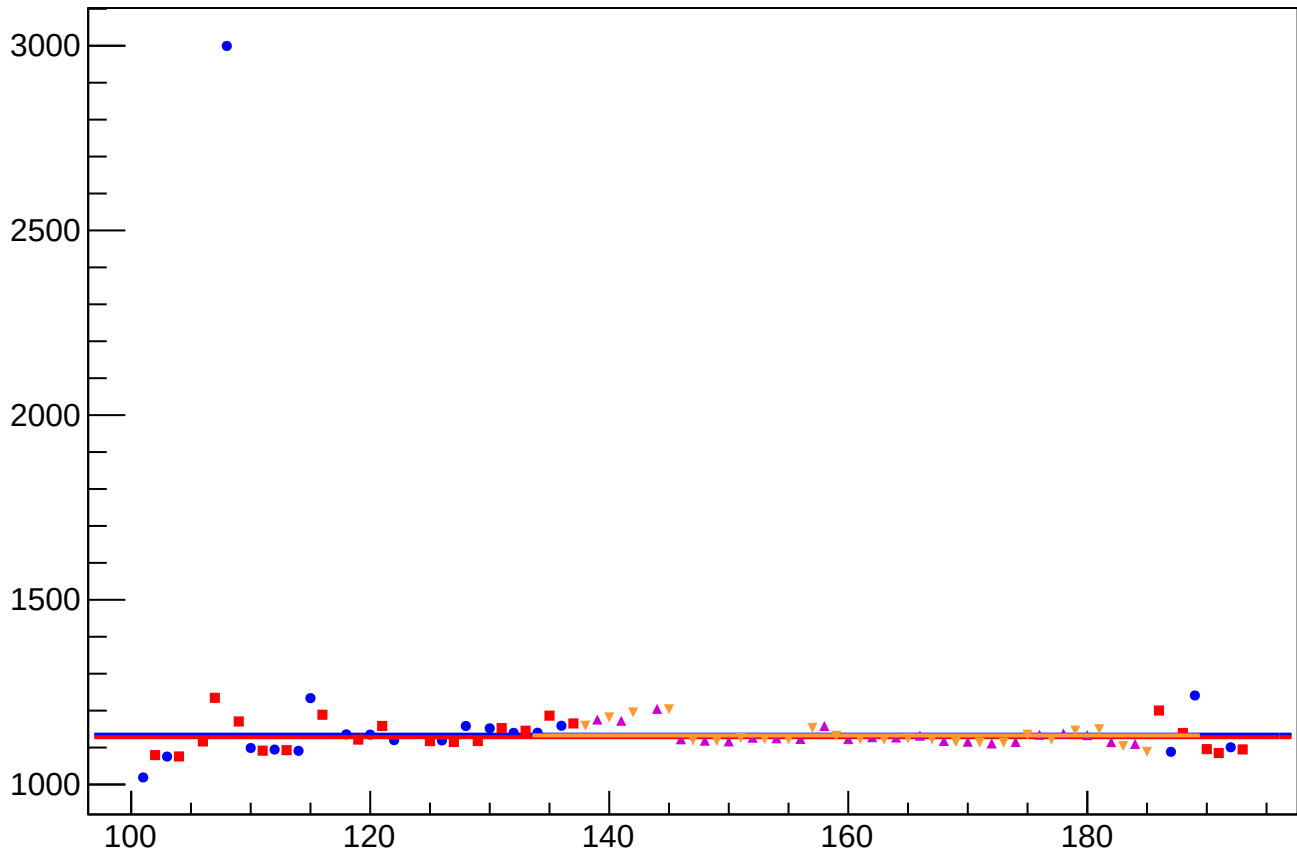
Left In: -1926.929 $\pm$ 269.667 χ^2 /NDF:24.1/22

+ sign 1650.001 $\pm$ 225.315 χ^2 /NDF: 30.4/42

All: -207.588 $\pm$ 156.331 χ^2 /NDF: 198.4/87

- sign -1931.979 $\pm$ 217.086 χ^2 /NDF: 37.0/44

dit_asym_usl_rms vs Slug



Right In: 1134.924 $\pm$ 0.291 χ^2 /NDF: 324424.3/18

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

Right Out: 1128.034 $\pm$ 0.259 χ^2 /NDF: 24197.9/21

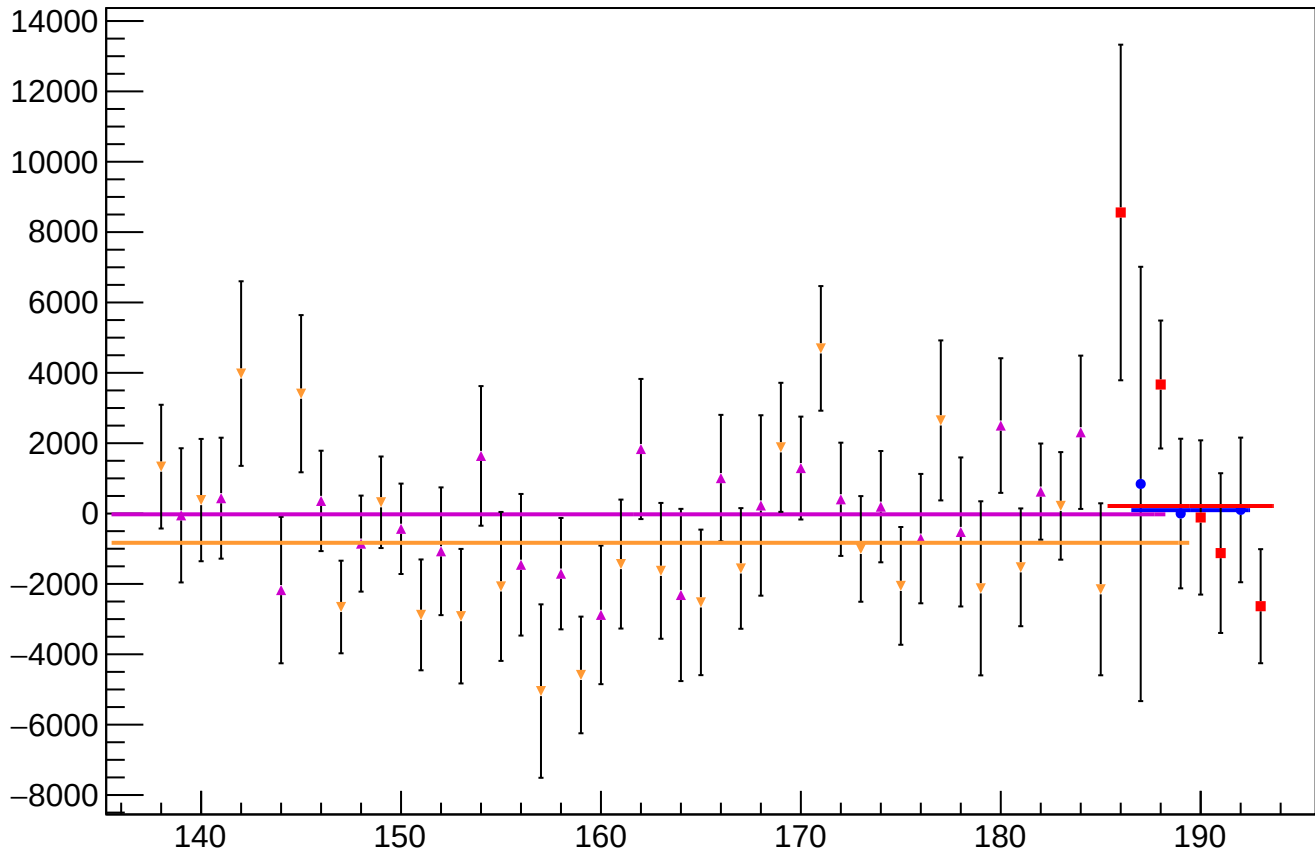
Left In: 1132.570 $\pm$ 0.191 χ^2 /NDF: 14524.8/22

+ sign 1133.494 $\pm$ 0.159 χ^2 /NDF: 341245.6/42

All: 1132.187 $\pm$ 0.111 χ^2 /NDF: 380297.3/87

- sign 1130.974 $\pm$ 0.154 χ^2 /NDF: 38921.9/44

asym_usl_correction_mean vs Slug



Right In: 96.501 $\pm$ 1437.230 χ^2/NDF : 0.0/2

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

Right Out: 214.994 $\pm$ 941.110 χ^2/NDF : 10.1/4

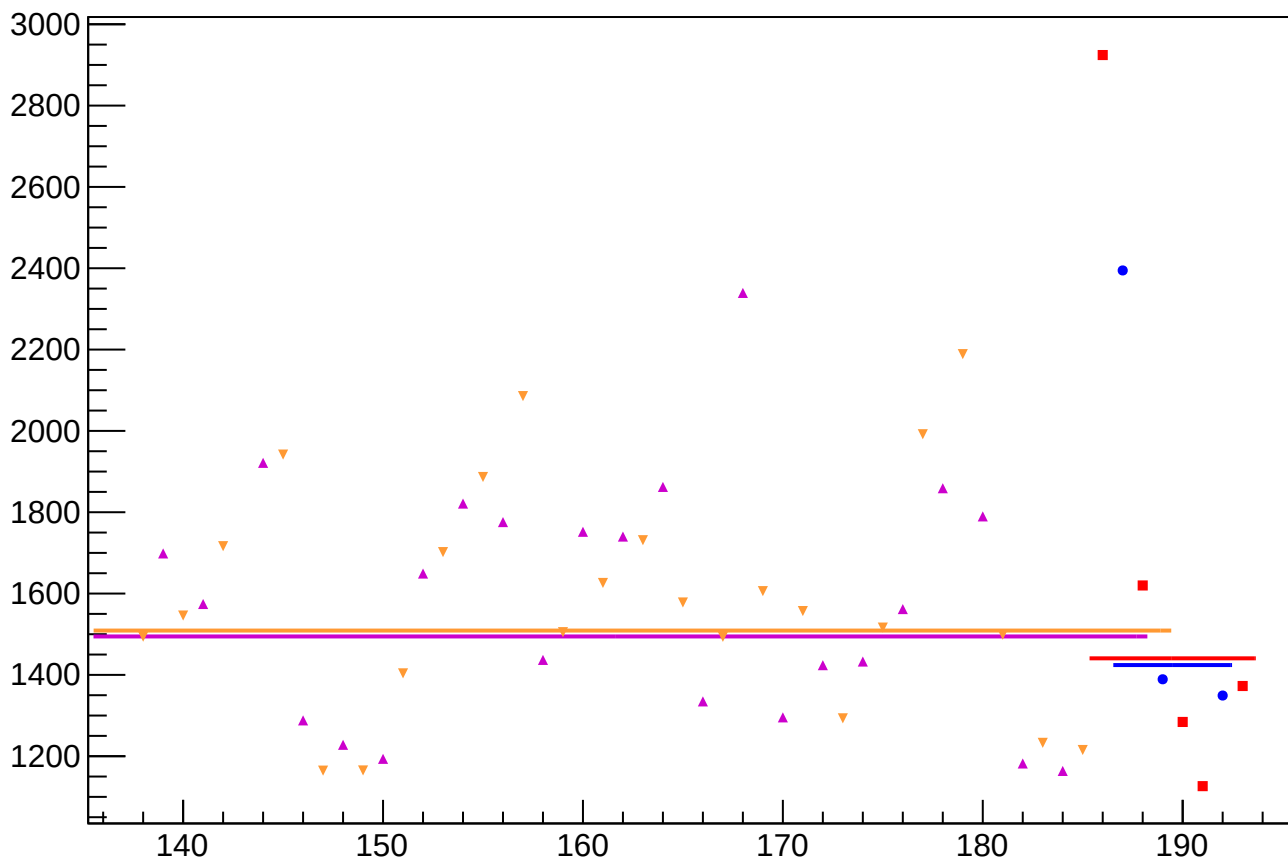
Left In: -21.419 $\pm$ 362.476 χ^2/NDF : 12.8/22

+ sign -774.421 $\pm$ 354.758 χ^2/NDF : 40.5/26

All: -364.000 $\pm$ 244.808 χ^2/NDF : 66.0/54

- sign 9.121 $\pm$ 338.254 χ^2/NDF : 22.9/27

asym_usl_correction_rms vs Slug



Right In: 1424.165 ± 1.016 χ^2/NDF : 52635.0/2

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

Right Out: 1440.691 ± 0.665 χ^2/NDF : 264970.6/4

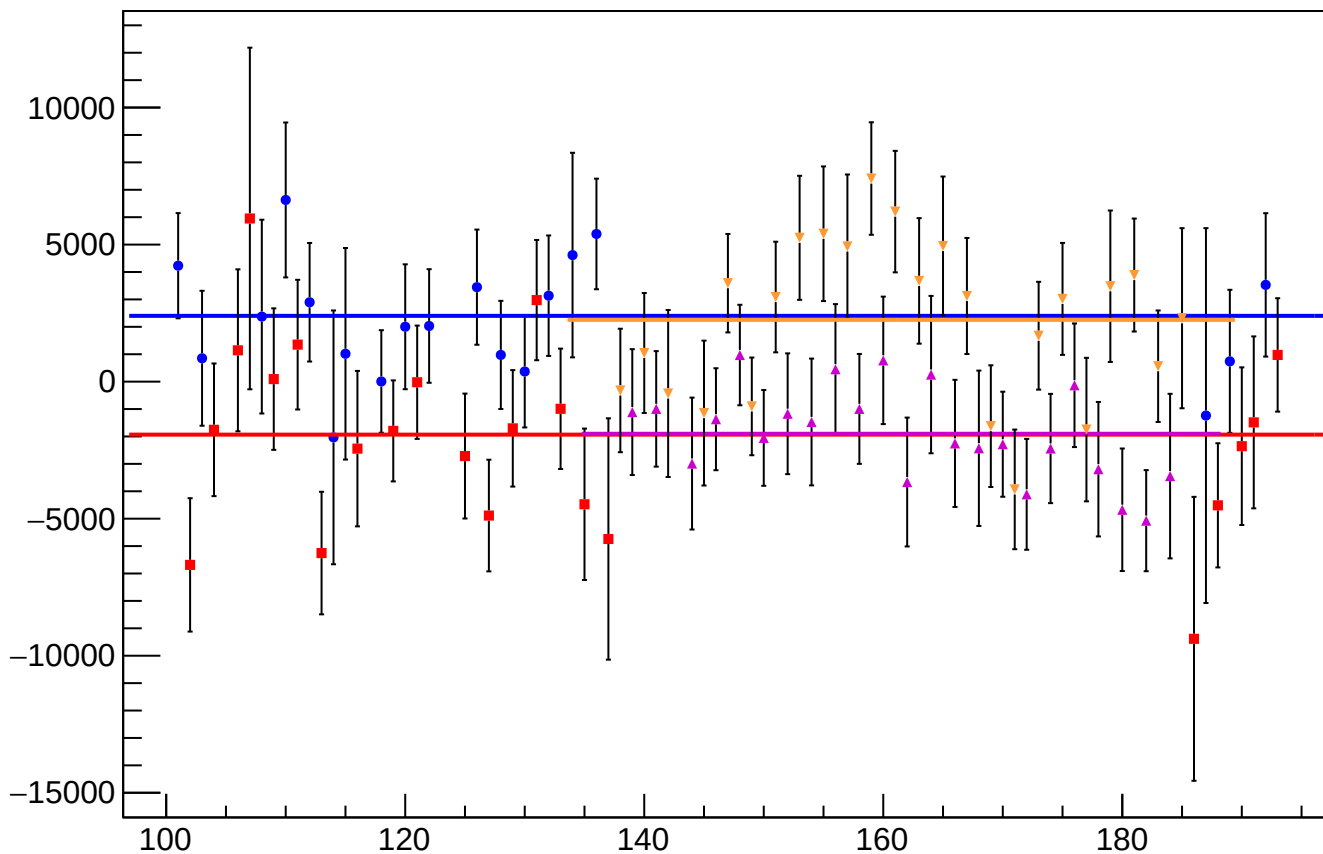
Left In: 1494.507 ± 0.256 χ^2/NDF : 1096280.5/22

+ sign 1503.824 ± 0.251 χ^2/NDF : 1047850.7/26

All: 1495.302 ± 0.173 χ^2/NDF : 2417000.2/54

- sign 1487.555 ± 0.239 χ^2/NDF : 1366946.2/27

asym_usl_mean vs Slug



Right In: 2400.284 $\pm$ 555.261 χ^2 /NDF: 11.6/18

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

Right Out: -1933.133 $\pm$ 526.836 χ^2 /NDF: 28.1/21

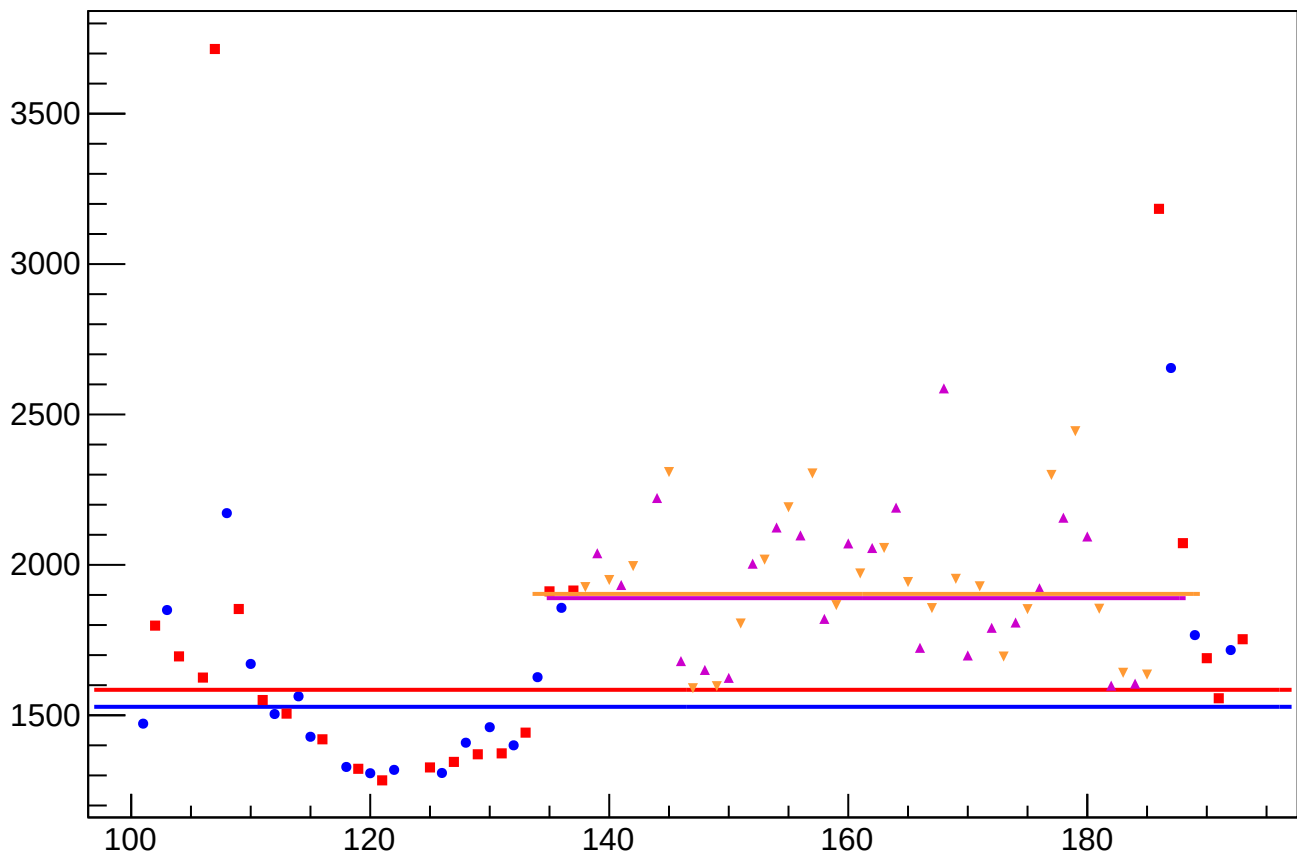
Left In: -1901.797 $\pm$ 453.879 χ^2 /NDF:13.9/22

+ sign 2312.968 $\pm$ 352.576 χ^2 /NDF: 50.4/42

All: 146.038 $\pm$ 246.172 χ^2 /NDF: 166.0/87

- sign -1915.147 $\pm$ 343.866 χ^2 /NDF: 41.9/44

asym_usl_rms vs Slug



Right In: 1528.085+/-0.393 χ^2/NDF : 345322.6/18

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

Right Out: 1584.632+/-0.373 χ^2/NDF : 807300.7/21

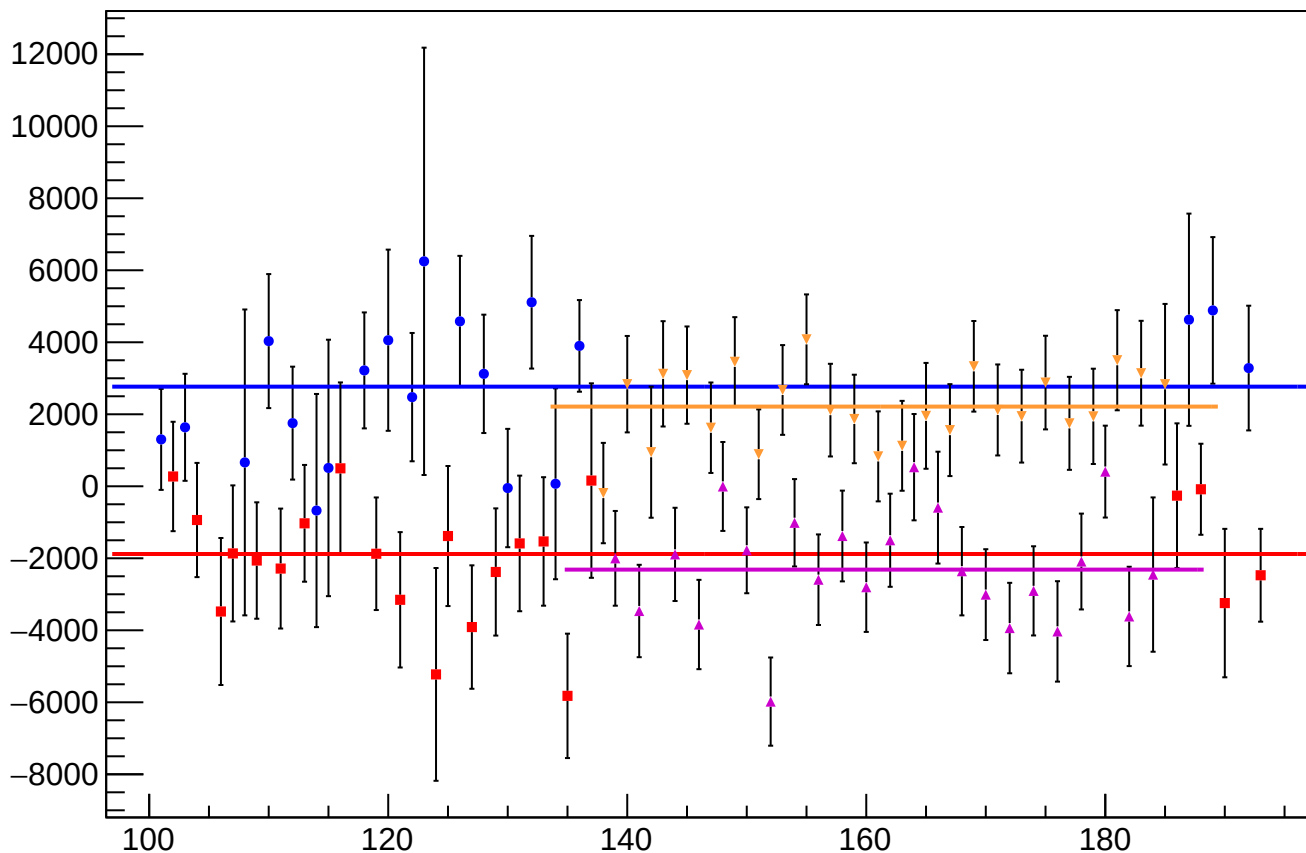
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

+ sign 1752.109+/-0.249 χ^2/NDF : 1352720.3/42

All: 1755.908+/-0.174 χ^2/NDF : 3053100.8/87

- sign 1759.521+/-0.243 χ^2/NDF : 1699927.6/44

dit_asym_usr_mean vs Slug



Right In: 2767.223 $\pm$ 424.148 χ^2 /NDF: 14.0/19

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

Right Out: -1881.014 $\pm$ 373.734 χ^2 /NDF: 16.8/21

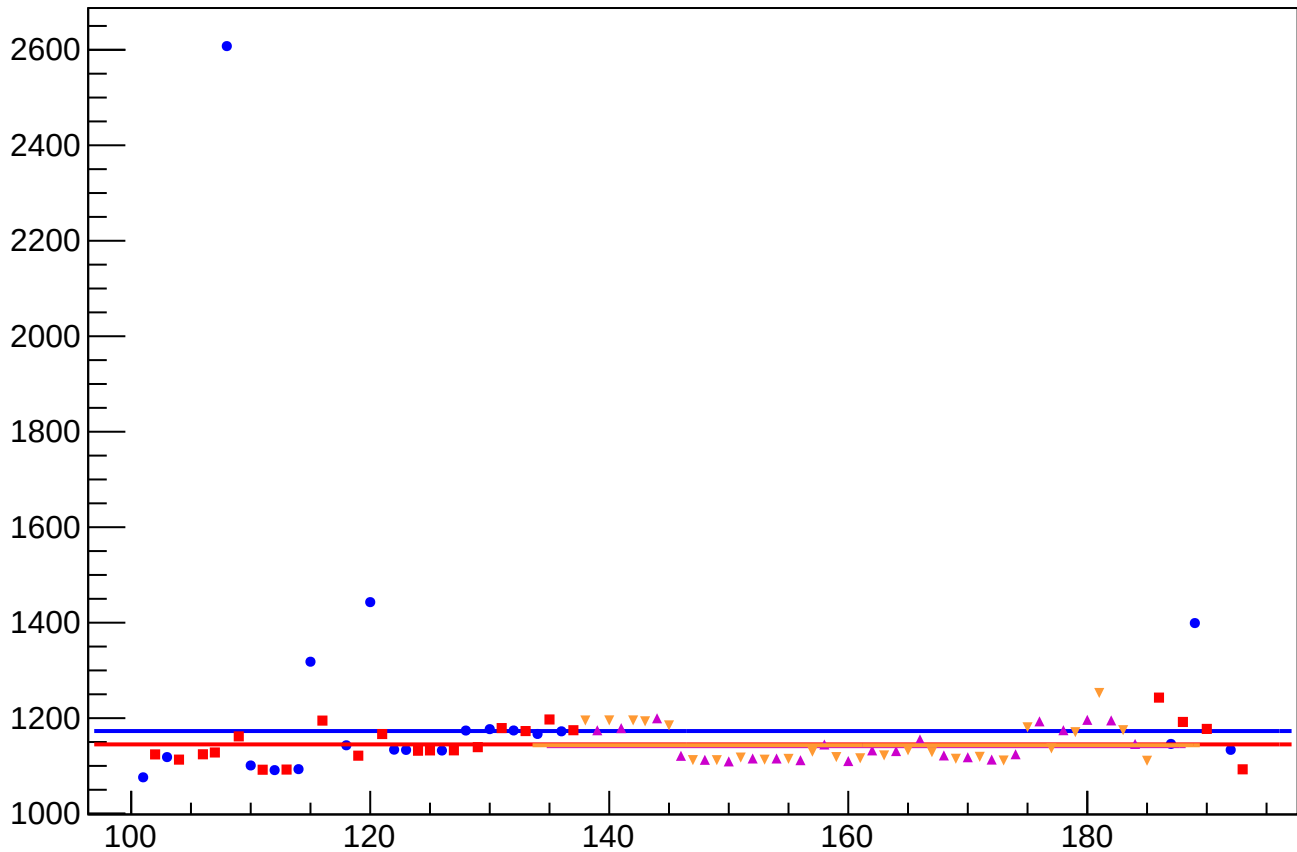
Left In: -2314.778 $\pm$ 271.873 χ^2 /NDF:31.6/22

+ sign 2370.446 $\pm$ 225.910 χ^2 /NDF: 29.4/44

All: 41.295 $\pm$ 157.558 χ^2 /NDF: 285.6/89

- sign -2164.671 $\pm$ 219.855 χ^2 /NDF: 49.2/44

dit_asym_usr_rms vs Slug



Right In: 1173.016 ± 0.300 χ^2/NDF : 305053.6/19

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

Right Out: 1145.042 ± 0.264 χ^2/NDF : 22280.2/21

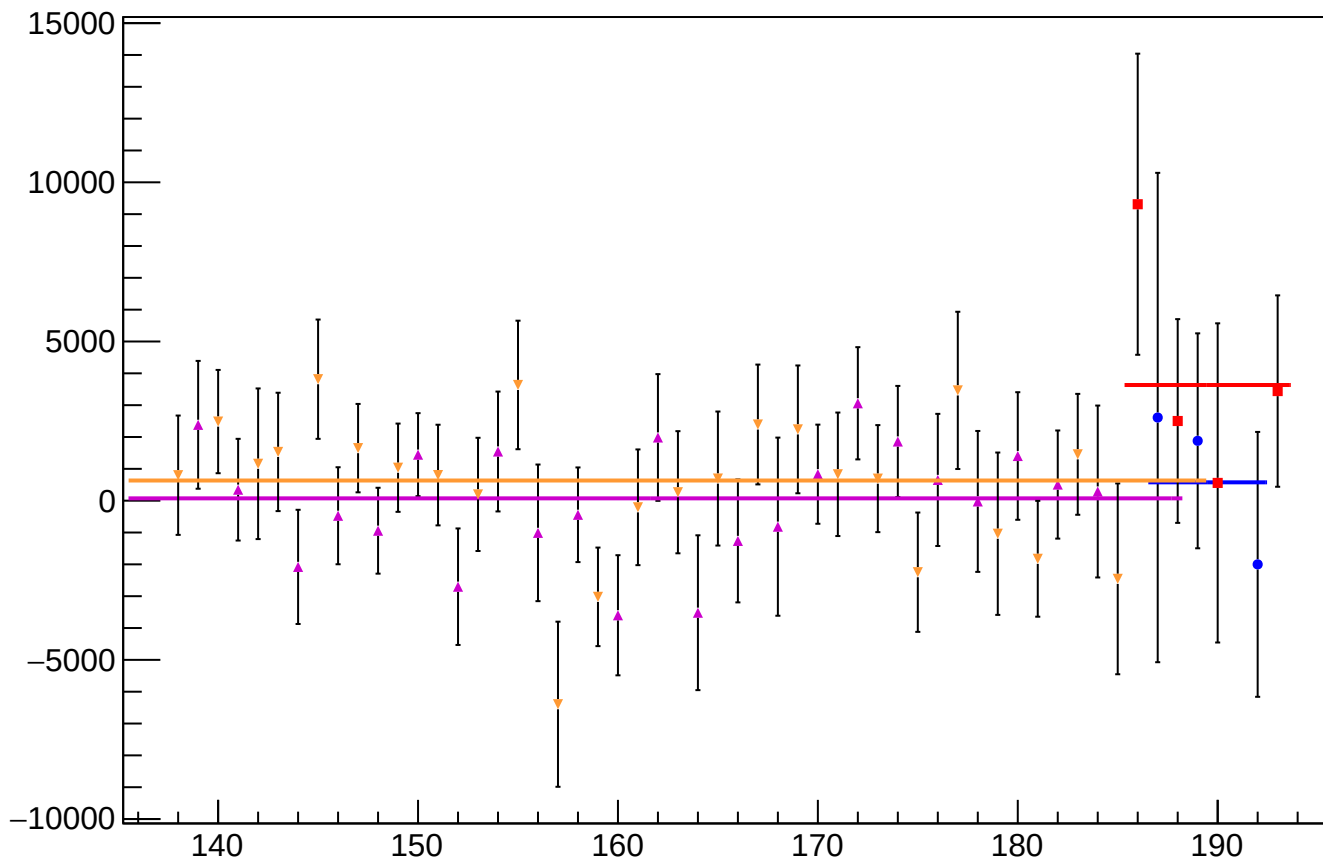
Left In: 1141.363 ± 0.192 χ^2/NDF : 28014.9/22

+ sign 1151.694 ± 0.160 χ^2/NDF : 351603.0/44

All: 1147.042 ± 0.111 χ^2/NDF : 403676.0/89

- sign 1142.636 ± 0.155 χ^2/NDF : 50421.9/44

asym_usr_correction_mean vs Slug



Right In: 576.316+/-2481.057 χ^2/NDF : 0.6/2

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

Right Out: 3633.371+/-1847.940 χ^2/NDF : 1.9/3

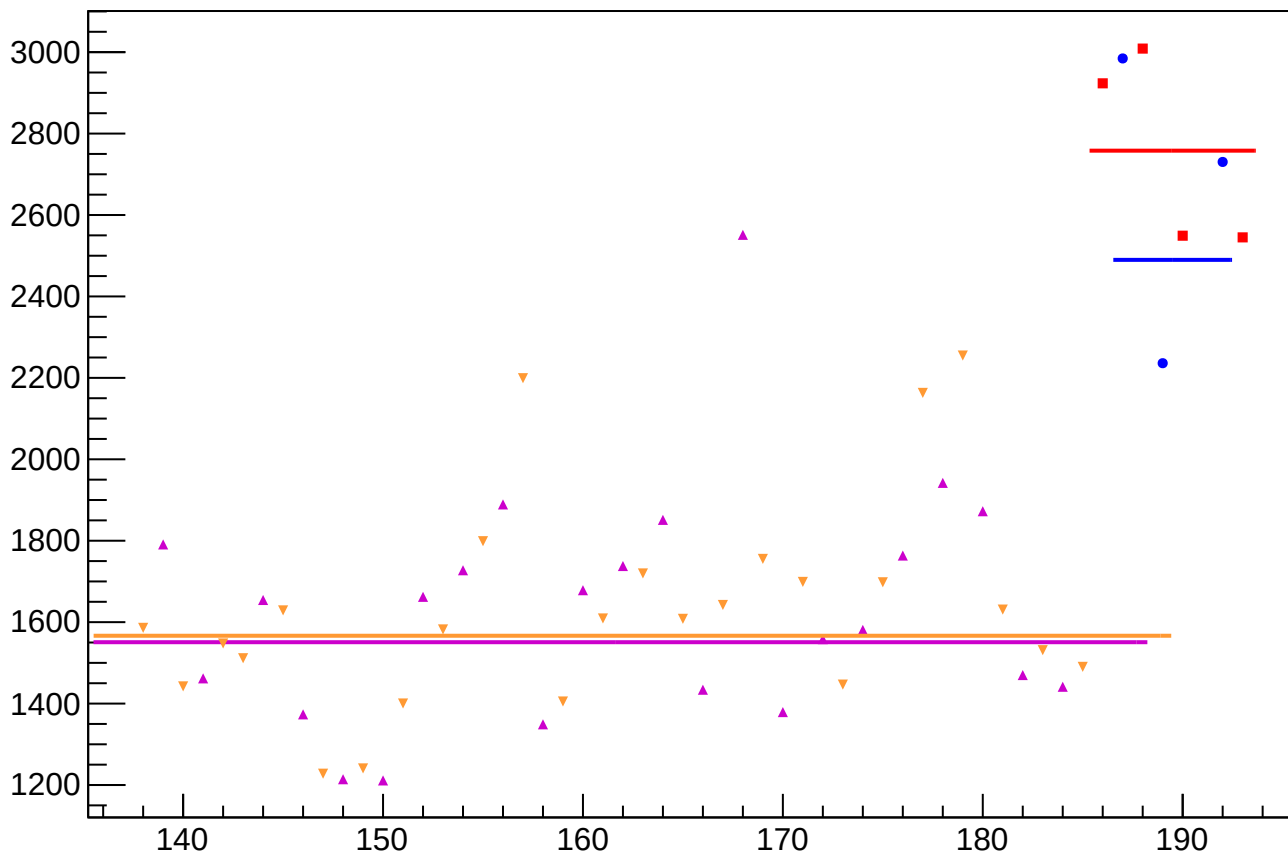
Left In: 72.962+/-375.277 χ^2/NDF : 20.1/22

+ sign 632.485+/-367.824 χ^2/NDF : 29.9/27

All: 423.203+/-260.072 χ^2/NDF : 56.1/54

- sign 213.981+/-367.770 χ^2/NDF : 25.6/26

asym_usr_correction_rms vs Slug



Right In: 2489.822+/-1.754 χ^2/NDF : 26276.0/2

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

Right Out: 2758.040+/-1.307 χ^2/NDF : 28233.9/3

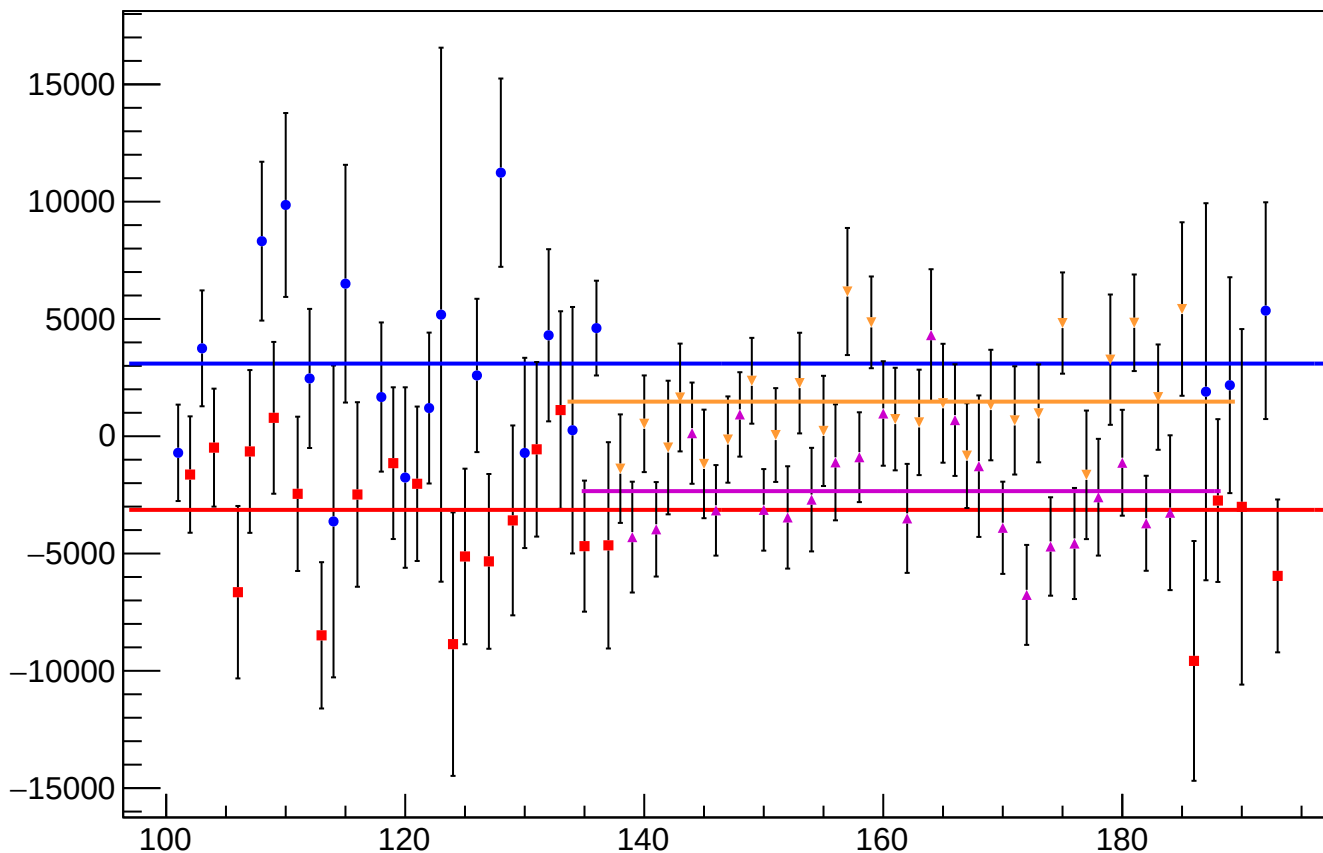
Left In: 1550.750+/-0.265 χ^2/NDF : 928652.8/22

+ sign 1586.917+/-0.260 χ^2/NDF : 1064058.4/27

All: 1592.743+/-0.184 χ^2/NDF : 2841783.4/54

- sign 1598.567+/-0.260 χ^2/NDF : 1776721.6/26

asym_usr_mean vs Slug



Right In: 3097.238 $\pm$ 771.307 χ^2 /NDF: 18.8/19

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

Right Out: -3139.163 $\pm$ 745.659 χ^2 /NDF: 13.8/21

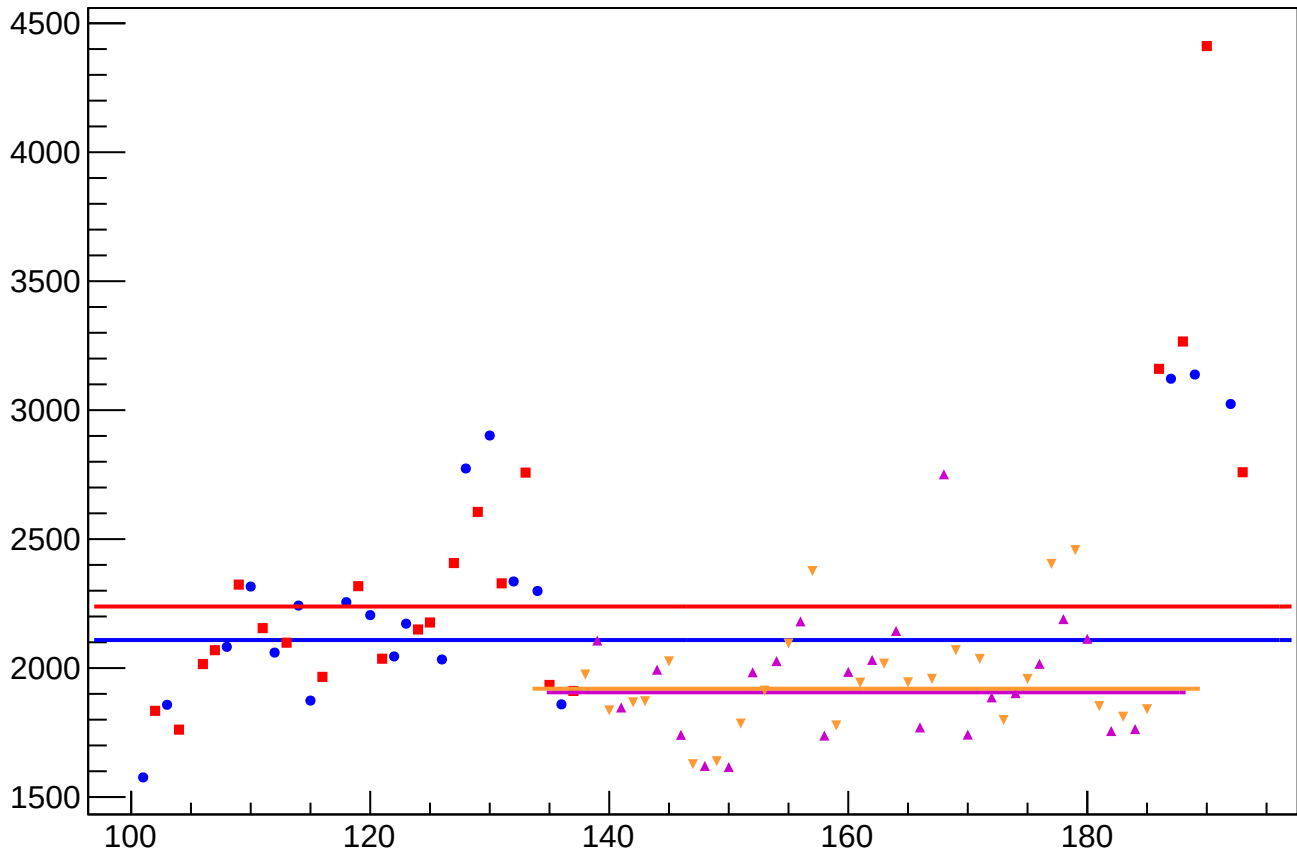
Left In: -2339.905 $\pm$ 457.448 χ^2 /NDF:25.2/22

+ sign 1889.284 $\pm$ 389.552 χ^2 /NDF: 43.0/44

All: -332.486 $\pm$ 275.585 χ^2 /NDF: 148.0/89

- sign -2558.459 $\pm$ 389.920 χ^2 /NDF: 39.9/44

asym_usr_rms vs Slug



Right In: 2108.643 $\pm$ 0.545 χ^2 /NDF: 556340.8/19

Left Out: 1920.082 $\pm$ 0.319 χ^2 /NDF: 365919.7/24

Right Out: 2238.700 $\pm$ 0.527 χ^2 /NDF: 706159.2/21

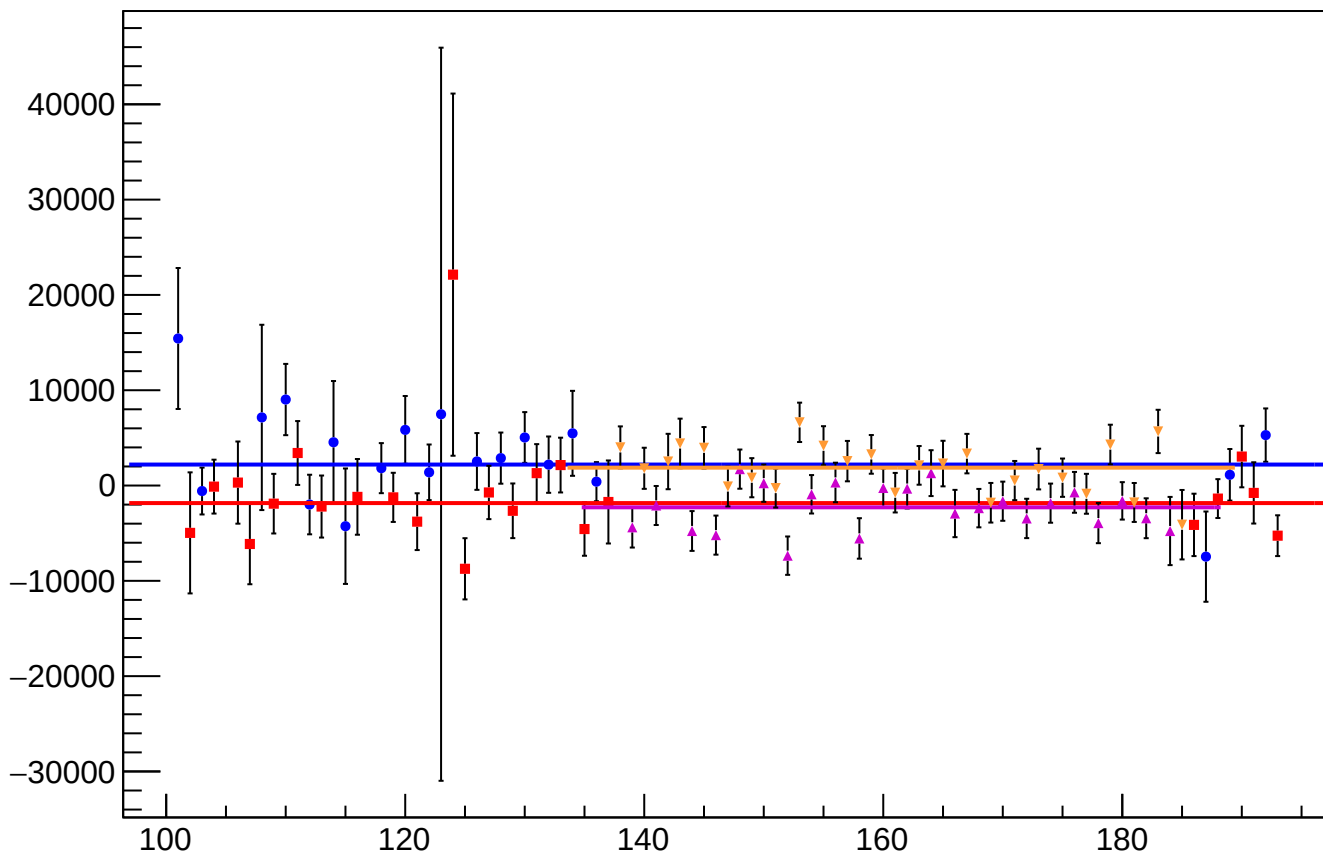
Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF: 451054.7/22

+ sign 1968.180 $\pm$ 0.275 χ^2 /NDF: 1011300.9/44

All: 1982.580 $\pm$ 0.195 χ^2 /NDF: 2463193.4/89

- sign 1997.006 $\pm$ 0.276 χ^2 /NDF: 1446422.0/44

dit_asym_at1_avg_mean vs Slug



Right In: 2201.287 $\pm$ 732.130 χ^2 /NDF: 20.4/19

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

Right Out: -1840.693 $\pm$ 648.858 χ^2 /NDF: 20.8/22

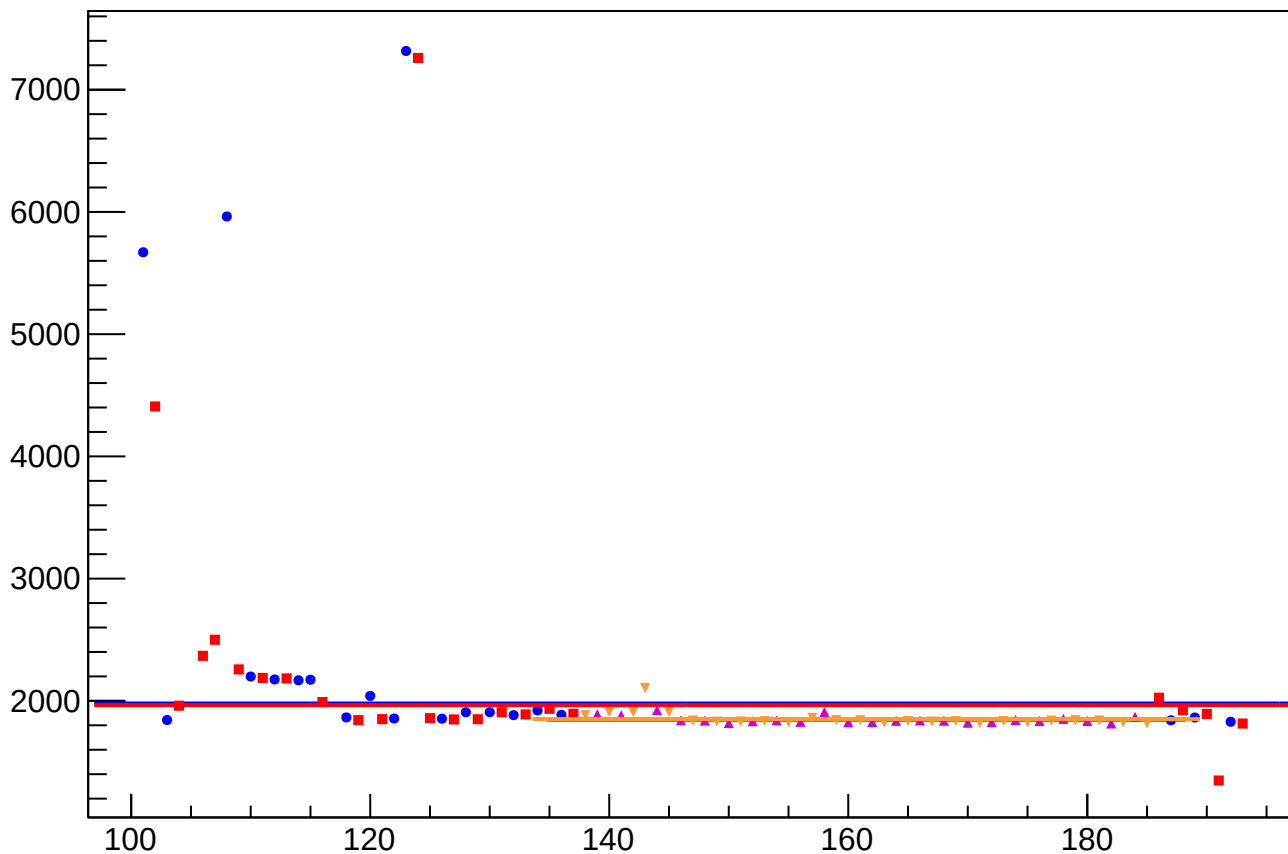
Left In: -2286.268 $\pm$ 441.005 χ^2 /NDF:27.3/22

+ sign 1959.840 $\pm$ 372.853 χ^2 /NDF: 50.5/44

All: -137.992 $\pm$ 260.730 χ^2 /NDF: 160.9/90

- sign -2145.476 $\pm$ 364.736 χ^2 /NDF: 48.4/45

dit_asym_at1_avg_rms vs Slug



Right In: 1978.306+/-0.518 χ^2/NDF : 929135.0/19

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

Right Out: 1965.119+/-0.459 χ^2/NDF : 641971.2/22

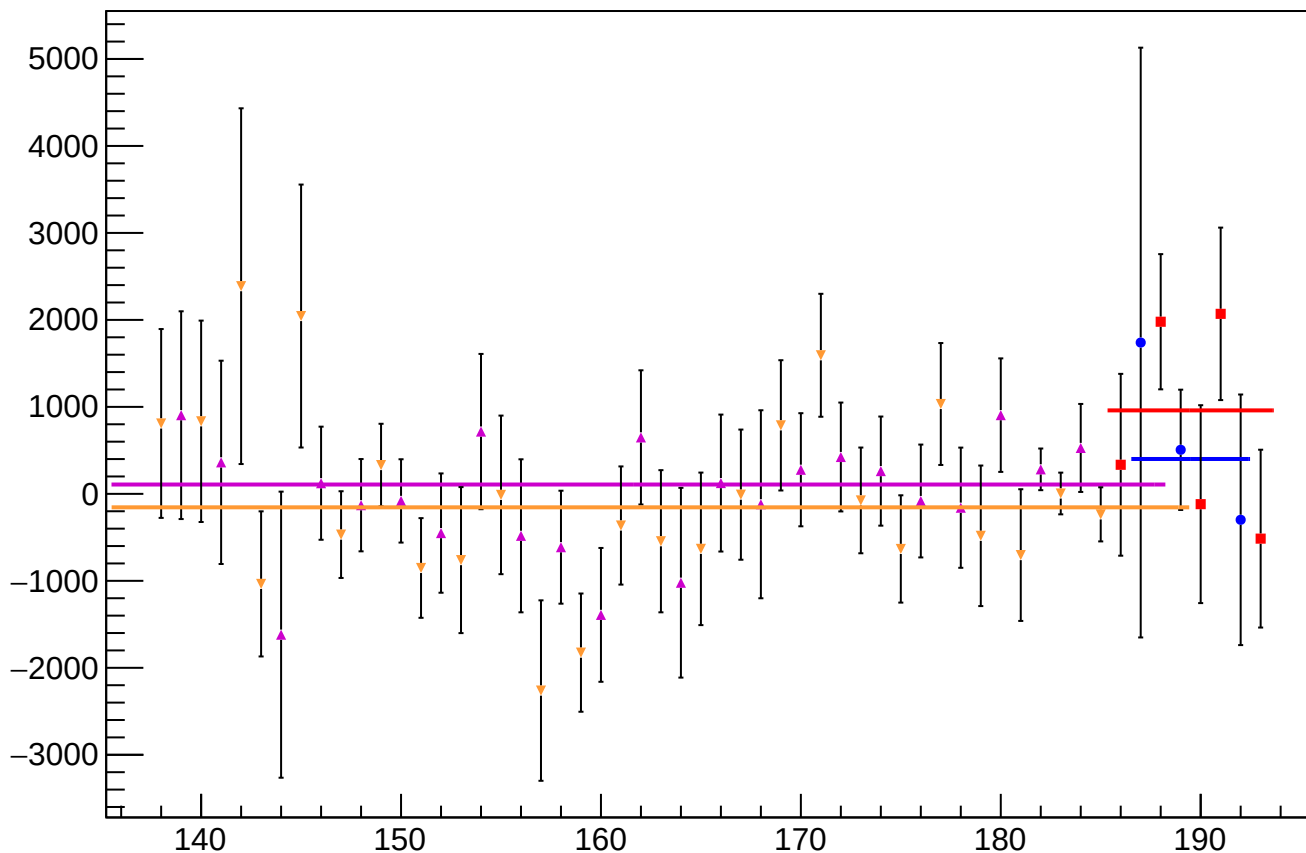
Left In: 1845.411+/-0.312 χ^2/NDF : 8318.8/22

+ sign 1884.067+/-0.264 χ^2/NDF : 1000127.9/44

All: 1883.642+/-0.184 χ^2/NDF : 1696987.1/90

- sign 1883.236+/-0.258 χ^2/NDF : 696854.1/45

asym_at1_avg_correction_mean vs Slug



Right In: 400.965 $\pm$ 613.061 χ^2 /NDF: 0.4/2

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

Right Out: 959.645 $\pm$ 433.660 χ^2 /NDF: 6.3/4

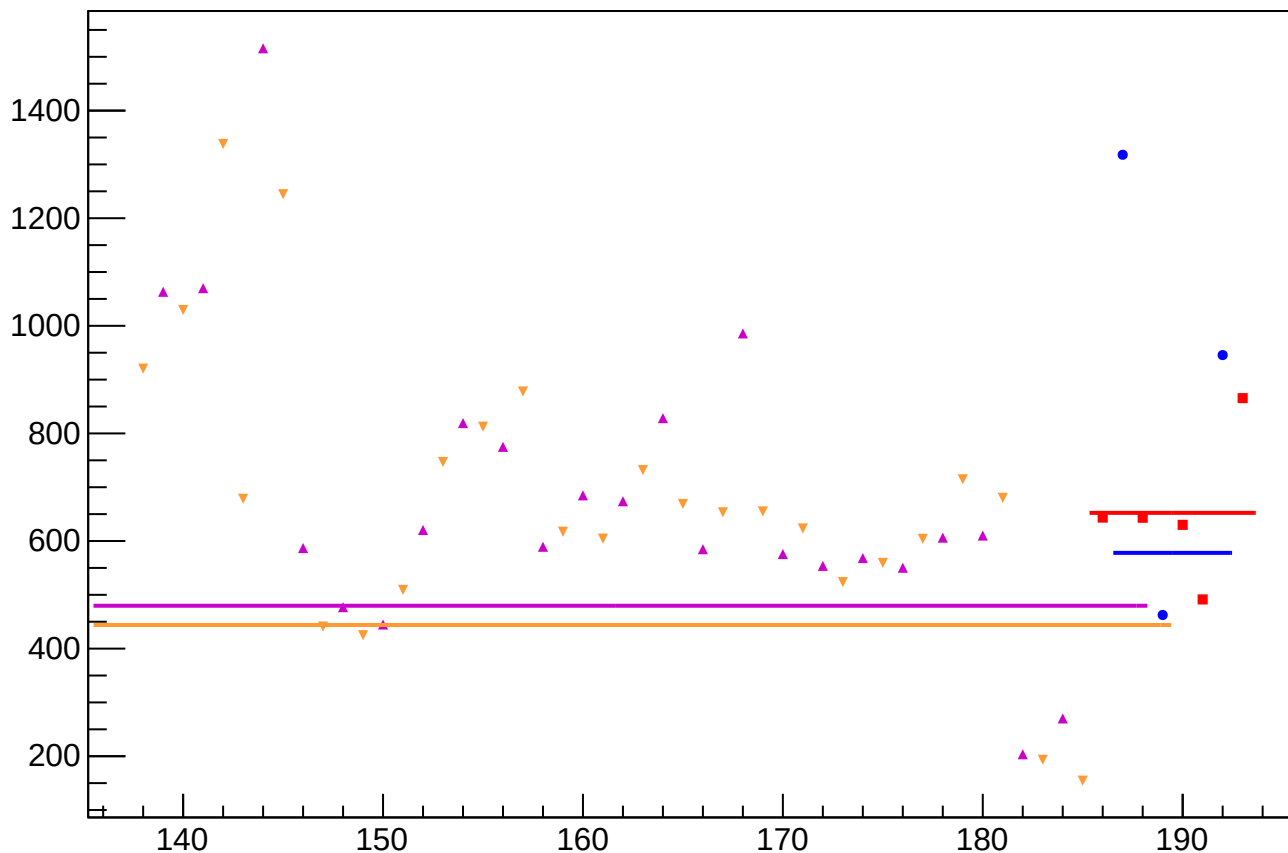
Left In: 107.387 $\pm$ 127.580 χ^2 /NDF:13.5/22

+ sign -134.450 $\pm$ 117.438 χ^2 /NDF: 34.2/27

All: 14.016 $\pm$ 84.739 χ^2 /NDF: 60.9/55

- sign 175.275 $\pm$ 122.393 χ^2 /NDF: 23.4/27

asym_at1_avg_correction_rms vs Slug



Right In: 577.994 $\pm$ 0.433 χ^2 /NDF: 281297.1/2

Left Out: 443.961 $\pm$ 0.085 χ^2 /NDF: 8573133.3/24

Right Out: 652.370 $\pm$ 0.307 χ^2 /NDF: 140860.3/4

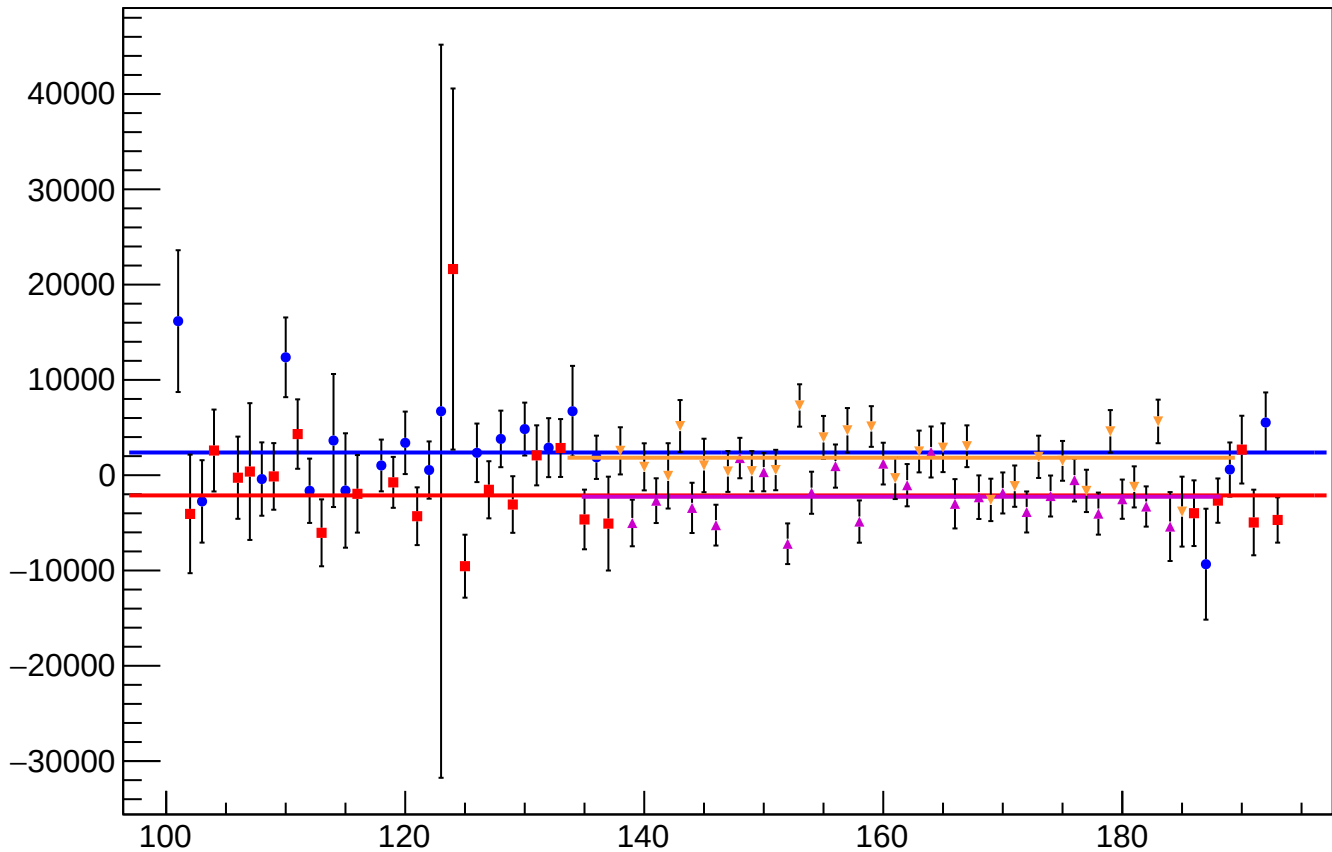
Left In: 479.723 $\pm$ 0.090 χ^2 /NDF: 6734597.7/22

+ sign 448.880 $\pm$ 0.083 χ^2 /NDF: 8946519.6/27

All: 470.256 $\pm$ 0.060 χ^2 /NDF: 16251962.9/55

- sign 493.475 $\pm$ 0.087 χ^2 /NDF: 7167201.9/27

asym_at1_avg_mean vs Slug



Right In: 2382.147 $\pm$ 786.054 χ^2 /NDF: 21.1/19

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

Right Out: -2121.395 $\pm$ 710.368 χ^2 /NDF: 23.4/22

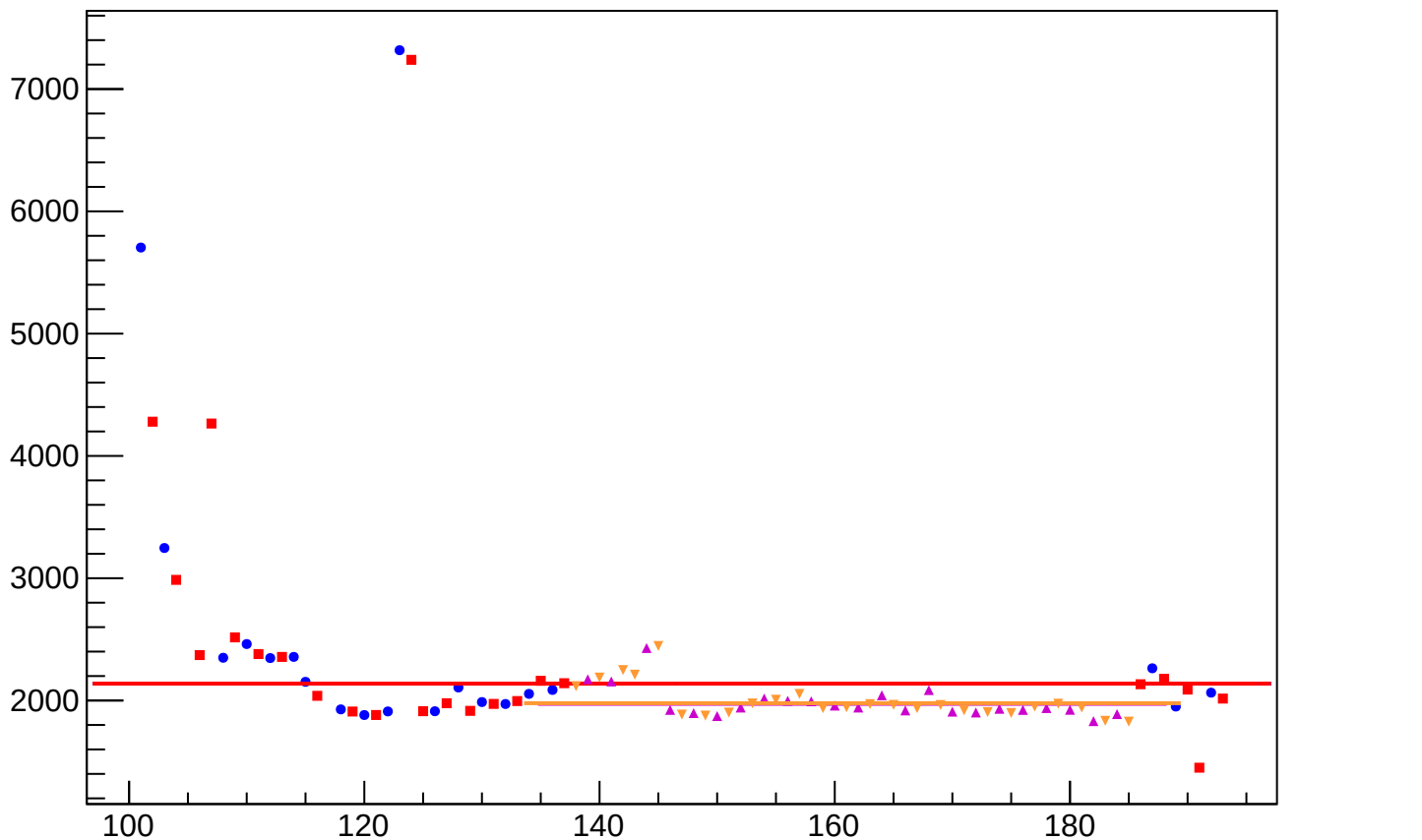
Left In: -2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

+ sign 1976.076 $\pm$ 399.436 χ^2 /NDF: 54.2/44

All: -153.142 $\pm$ 280.255 χ^2 /NDF: 159.9/90

- sign -2217.632 $\pm$ 393.317 χ^2 /NDF: 49.7/45

asym_at1_avg_rms vs Slug



Right In: 2138.329 $\pm$ 0.556 χ^2 /NDF: 725705.3/19

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

Right Out: 2138.286 $\pm$ 0.502 χ^2 /NDF: 834026.8/22

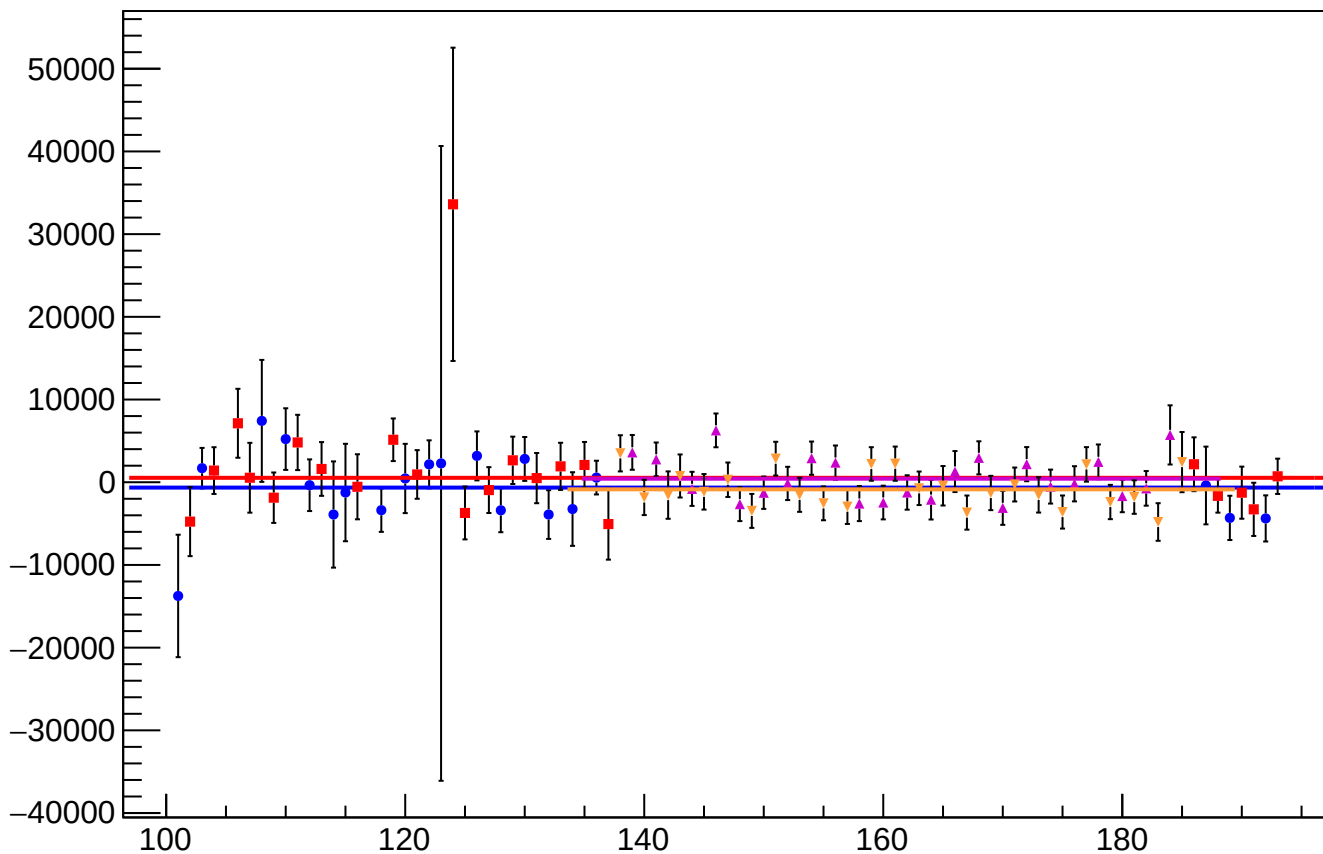
Left In: 1973.216 $\pm$ 0.334 χ^2 /NDF: 120479.3/22

+ sign 2019.433 $\pm$ 0.282 χ^2 /NDF: 925090.1/44

All: 2021.661 $\pm$ 0.198 χ^2 /NDF: 1954605.6/90

- sign 2023.821 $\pm$ 0.278 χ^2 /NDF: 1029393.0/45

dit_asym_at1_dd_mean vs Slug



Right In: -647.395+/-731.162 χ^2/NDF : 20.1/19

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

Right Out: 535.078+/-640.067 χ^2/NDF : 20.9/22

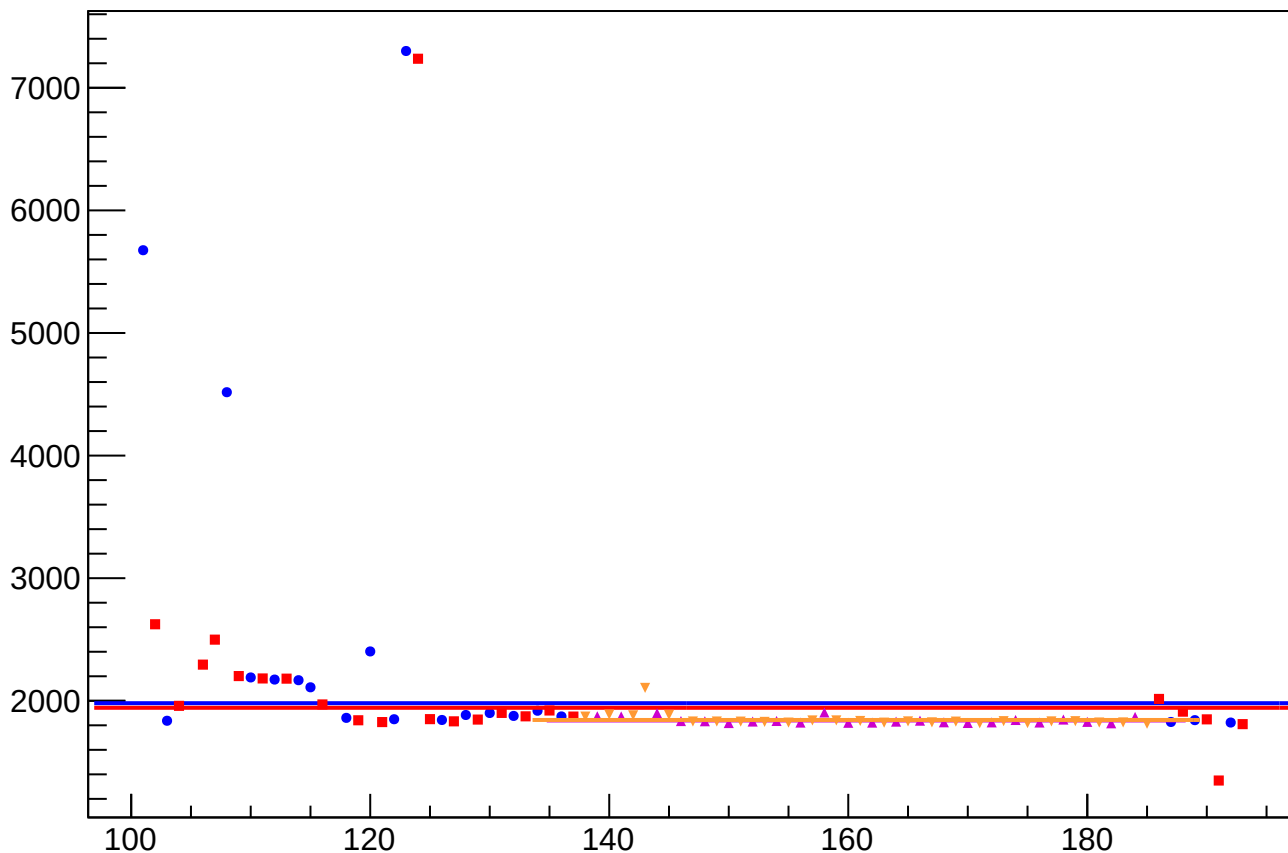
Left In: 427.682+/-439.561 χ^2/NDF : 33.7/22

+ sign -804.076+/-371.590 χ^2/NDF : 47.1/44

All: -155.041+/-259.423 χ^2/NDF : 107.6/90

- sign 462.100+/-362.345 χ^2/NDF : 54.6/45

dit_asym_at1_dd_rms vs Slug



Right In: 1980.395+/-0.517 χ^2/NDF : 856383.6/19

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

Right Out: 1943.003+/-0.453 χ^2/NDF : 388667.7/22

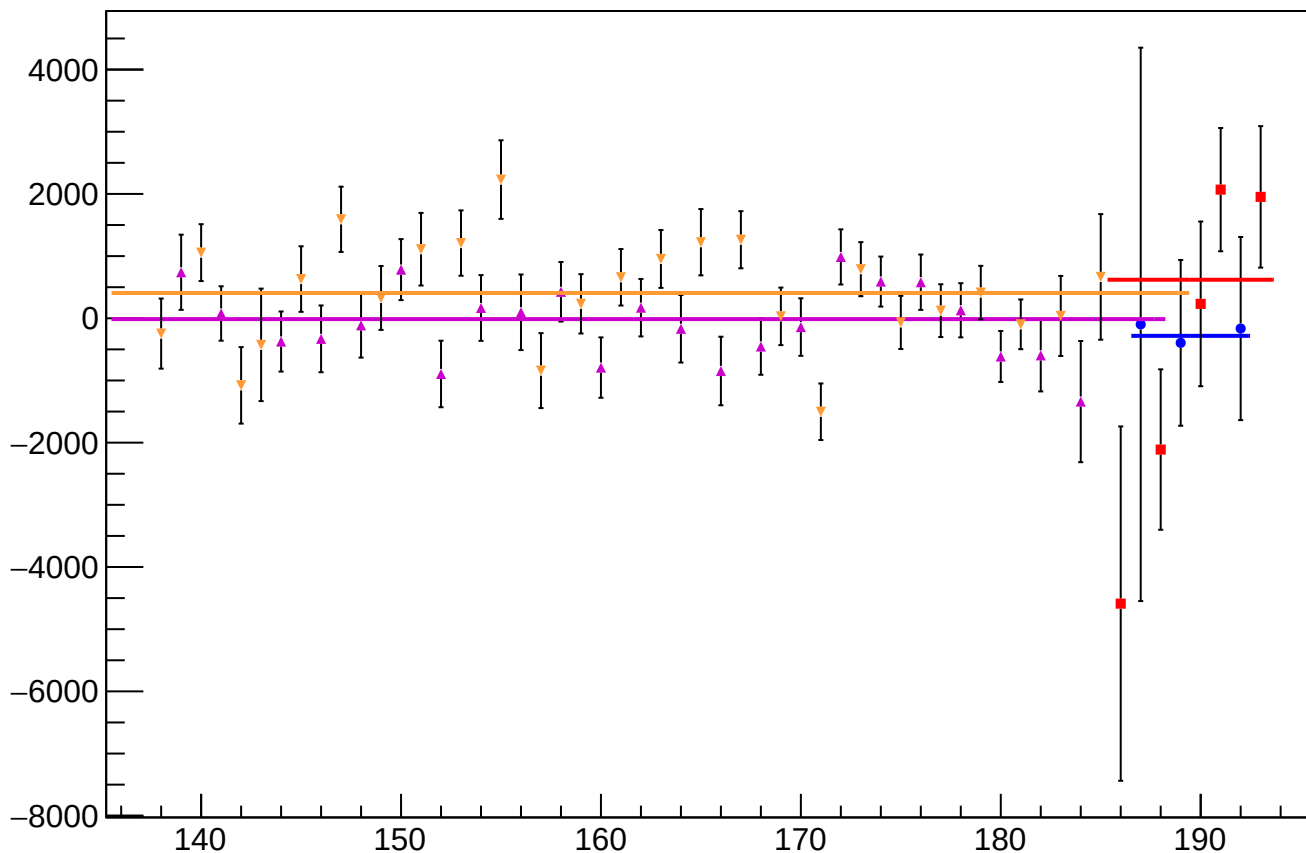
Left In: 1839.431+/-0.311 χ^2/NDF : 6418.5/22

+ sign 1878.883+/-0.263 χ^2/NDF : 933333.7/44

All: 1875.674+/-0.183 χ^2/NDF : 1364295.7/90

- sign 1872.623+/-0.256 χ^2/NDF : 430671.0/45

asym_at1_dd_correction_mean vs Slug



Right In: -282.277+/-964.814 χ^2 /NDF: 0.0/2

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

Right Out: 620.175+/-569.364 χ^2 /NDF: 11.4/4

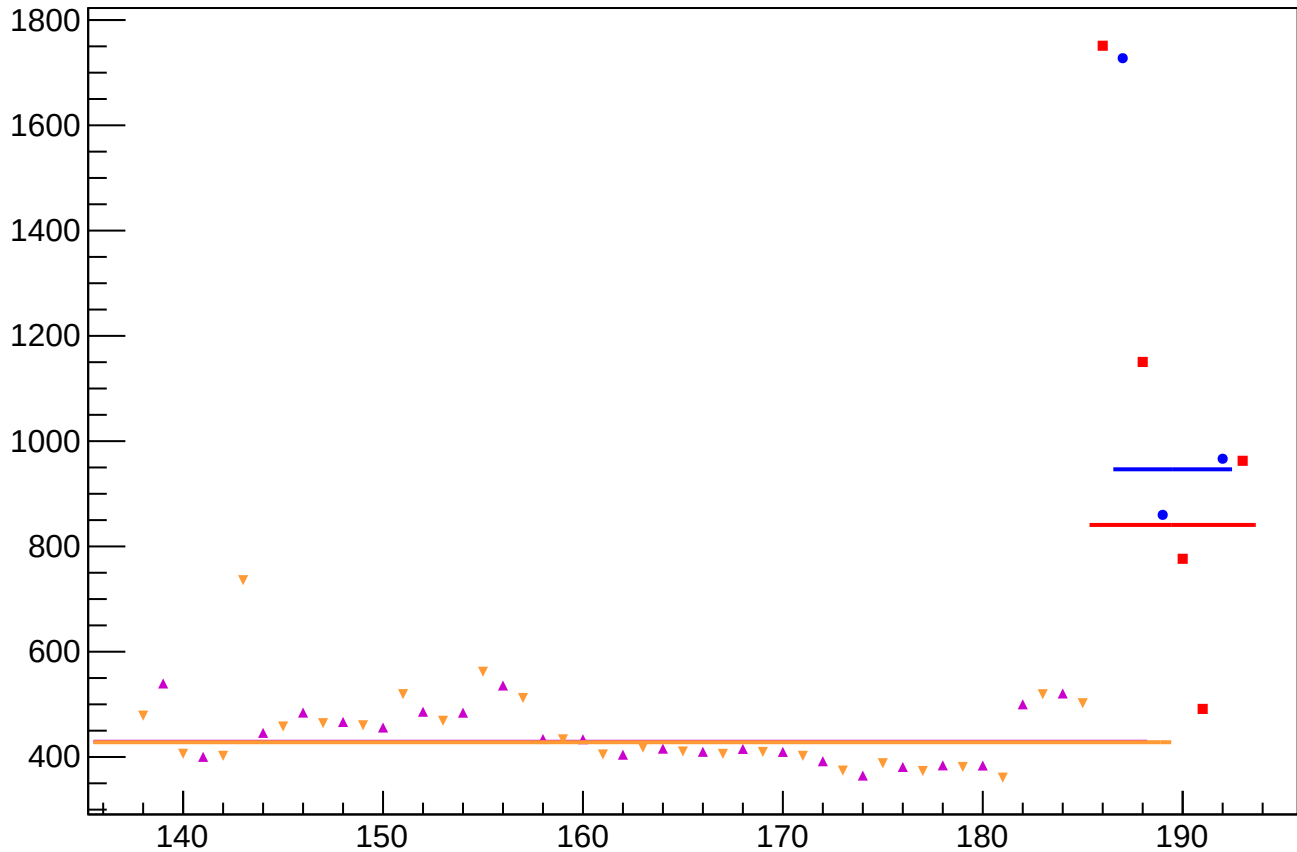
Left In: -13.395+/-102.912 χ^2 /NDF:29.2/22

+ sign 399.813+/-100.669 χ^2 /NDF: 62.6/27

All: 204.404+/-71.396 χ^2 /NDF: 112.1/55

- sign 6.649+/-101.271 χ^2 /NDF: 41.9/27

asym_at1_dd_correction_rms vs Slug



Right In: 946.513+/-0.682 χ^2/NDF : 70400.9/2

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

Right Out: 840.835+/-0.403 χ^2/NDF : 595683.8/4

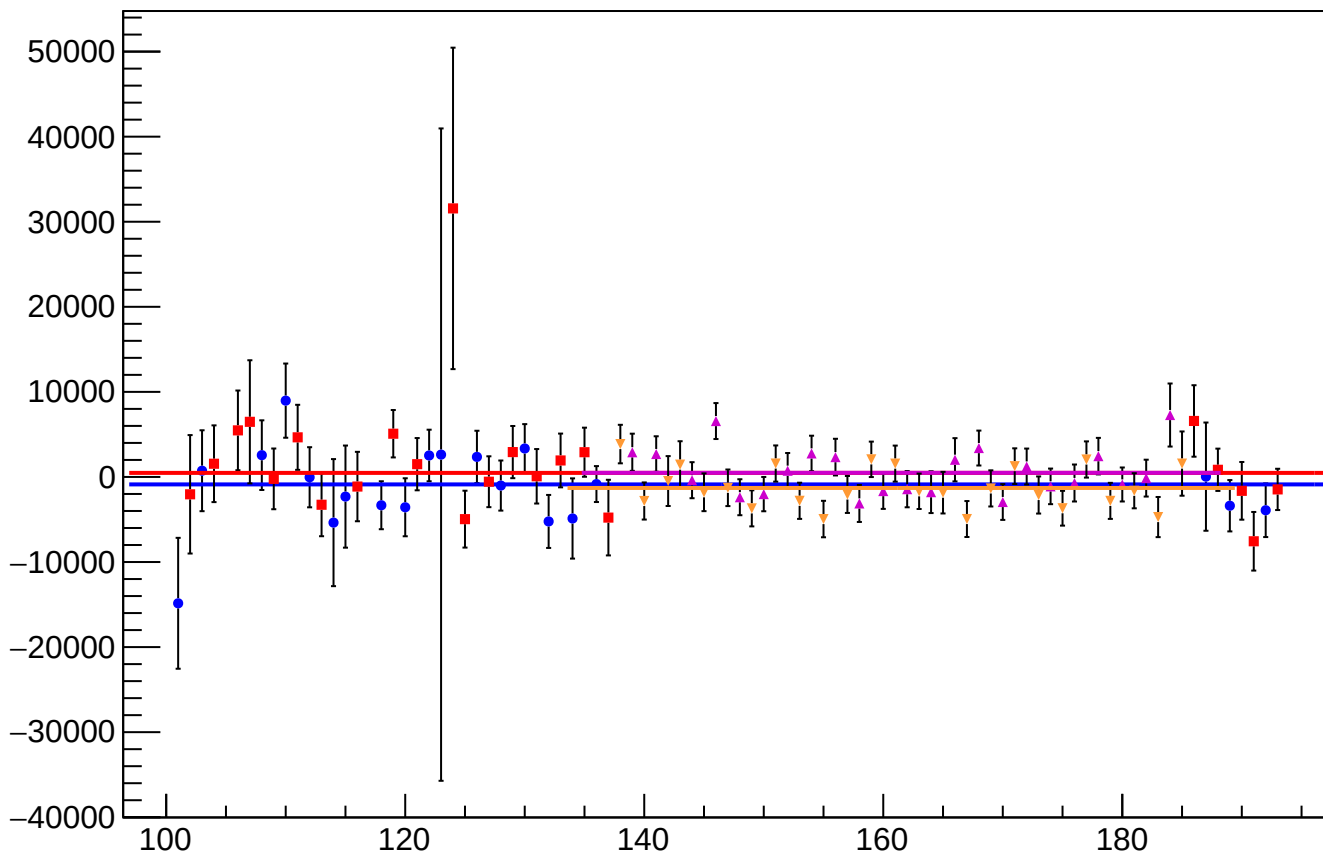
Left In: 428.926+/-0.073 χ^2/NDF : 418755.3/22

+ sign 433.696+/-0.071 χ^2/NDF : 1346374.4/27

All: 437.802+/-0.050 χ^2/NDF : 3381165.3/55

- sign 441.958+/-0.072 χ^2/NDF : 2028096.3/27

asym_at1_dd_mean vs Slug



Right In: -876.018 ± 797.811 χ^2/NDF : 19.9/19

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

Right Out: 476.446 ± 727.758 χ^2/NDF : 24.3/22

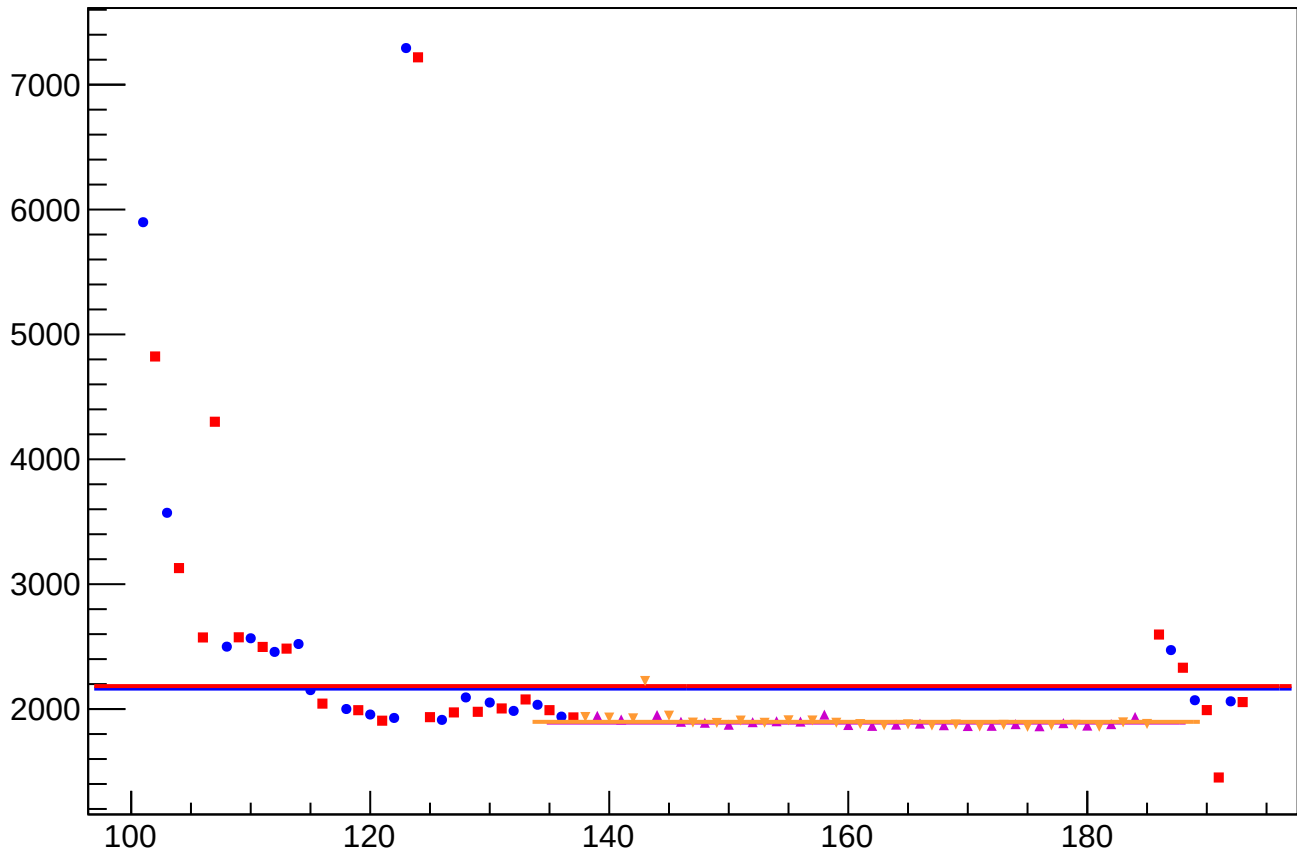
Left In: 485.827 ± 452.020 χ^2/NDF : 32.4/22

+ sign -1195.222 ± 388.067 χ^2/NDF : 49.8/44

All: -347.121 ± 272.949 χ^2/NDF : 115.9/90

- sign 483.215 ± 383.982 χ^2/NDF : 56.7/45

asym_at1_dd_rms vs Slug



Right In: 2163.910 $\pm$ 0.564 χ^2 /NDF: 814302.1/19

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

Right Out: 2183.885 $\pm$ 0.515 χ^2 /NDF: 963644.3/22

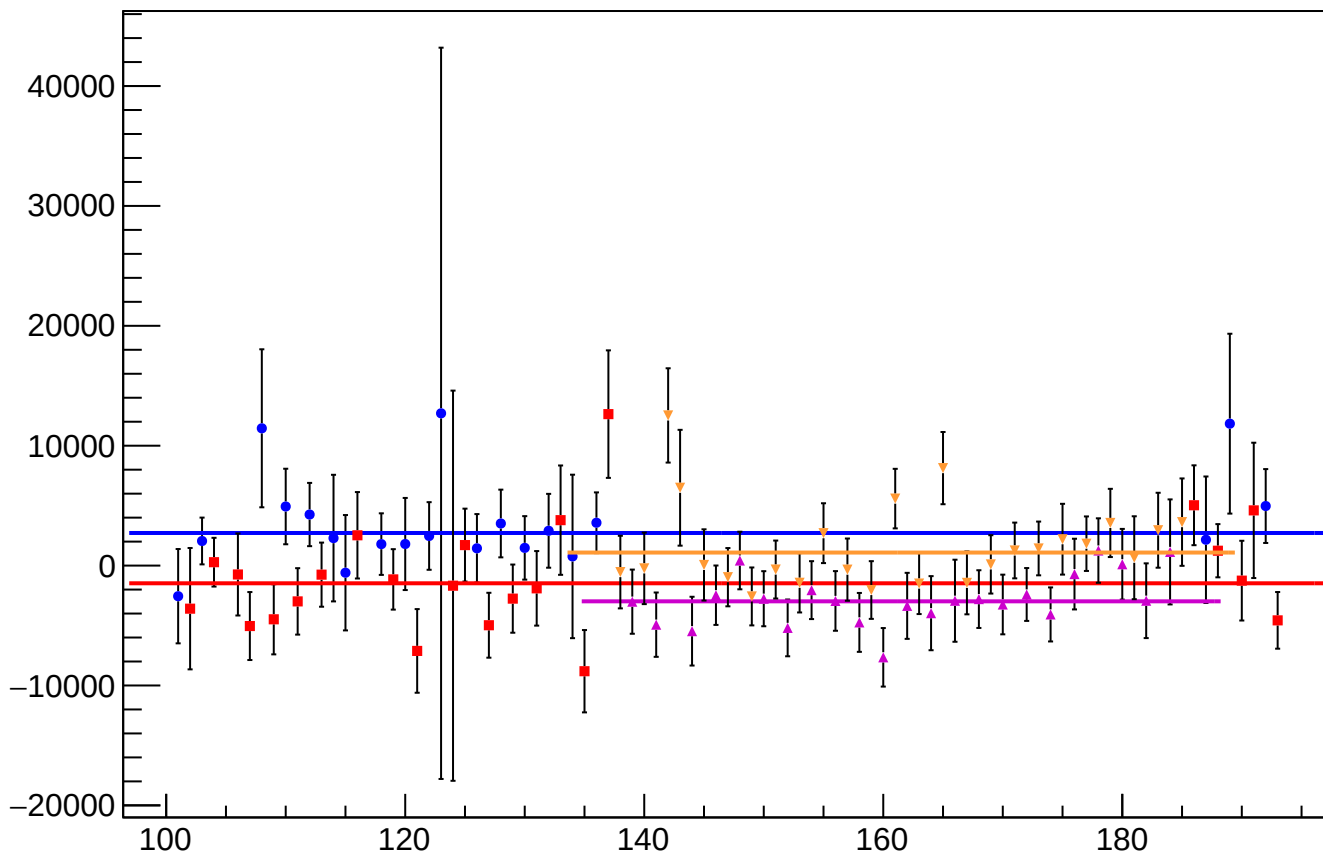
Left In: 1891.722 $\pm$ 0.320 χ^2 /NDF:7584.2/22

+ sign 1960.662 $\pm$ 0.274 χ^2 /NDF: 1019423.3/44

All: 1966.925 $\pm$ 0.193 χ^2 /NDF: 2224284.7/90

- sign 1973.056 $\pm$ 0.272 χ^2 /NDF: 1203830.6/45

dit_asym_at2_avg_mean vs Slug



Right In: 2720.072 ± 734.586 χ^2/NDF : 8.0/19

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

Right Out: -1475.798 ± 641.189 χ^2/NDF : 32.0/22

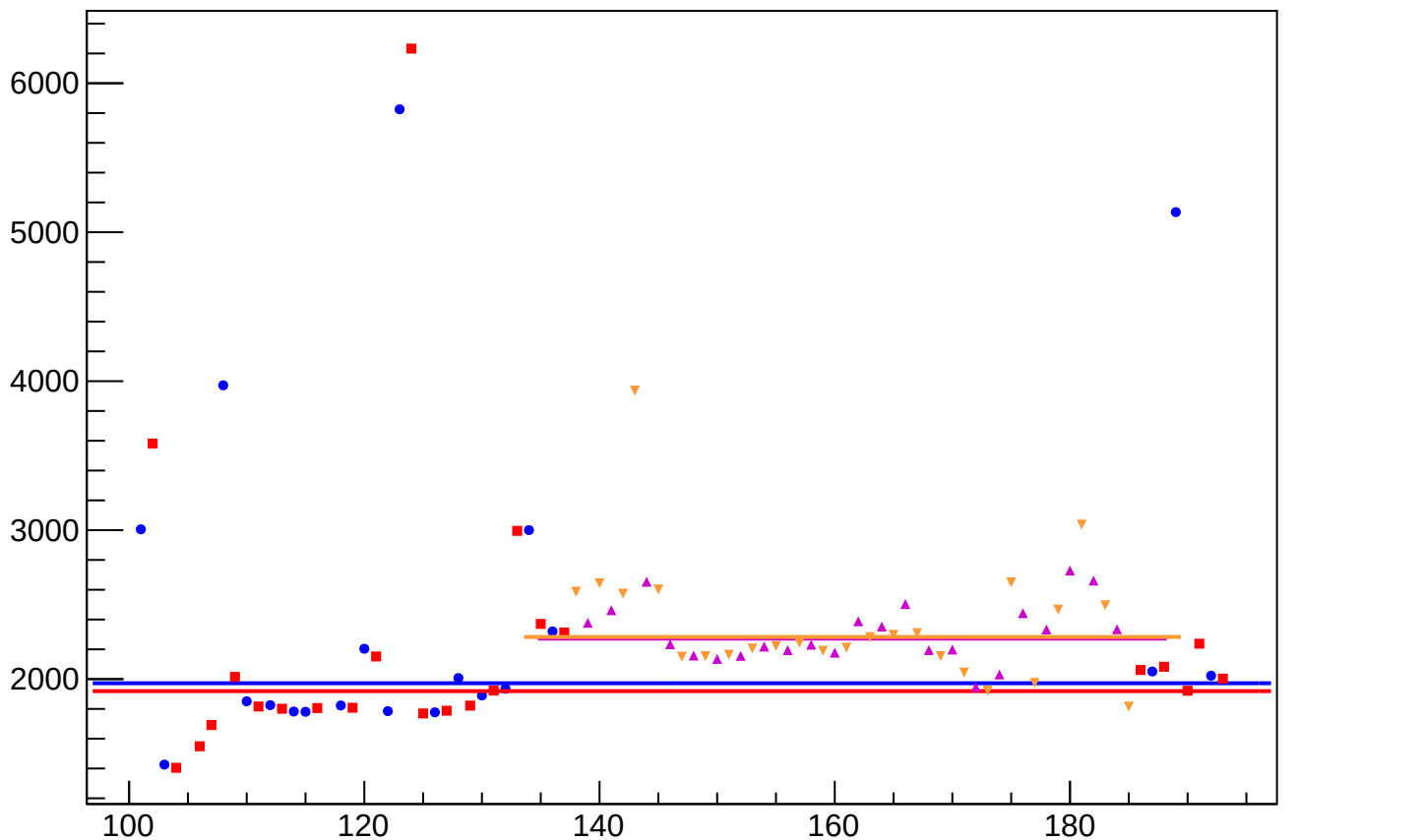
Left In: -2981.160 ± 546.107 χ^2/NDF : 14.0/22

+ sign 1661.838 ± 435.604 χ^2/NDF : 41.1/44

All: -436.683 ± 300.753 χ^2/NDF : 134.6/90

- sign -2348.264 ± 415.749 χ^2/NDF : 49.2/45

dit_asym_at2_avg_rms vs Slug



Right In: 1972.395+/-0.519 χ^2/NDF : 1000293.4/19

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

Right Out: 1919.333+/-0.453 χ^2/NDF : 736553.2/22

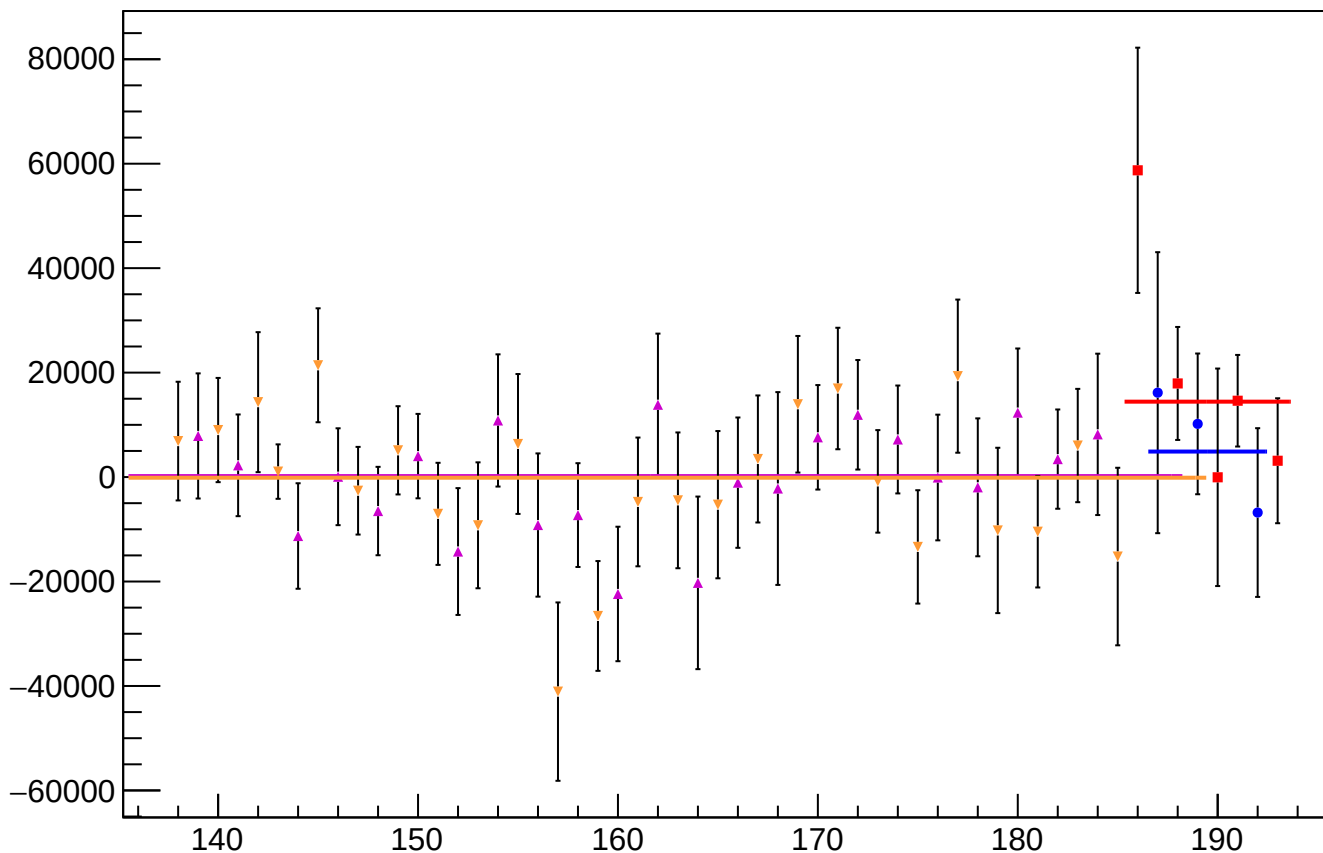
Left In: 2271.946+/-0.386 χ^2/NDF : 243546.3/22

+ sign 2173.911+/-0.308 χ^2/NDF : 1866863.8/44

All: 2147.620+/-0.213 χ^2/NDF : 3211501.3/90

- sign 2123.674+/-0.294 χ^2/NDF : 1330716.0/45

asym_at2_avg_correction_mean vs Slug



Right In: 4884.390 $\pm$ 9657.209 χ^2 /NDF: 0.9/2

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

Right Out: 14437.976 $\pm$ 5533.663 χ^2 /NDF: 5.0/4

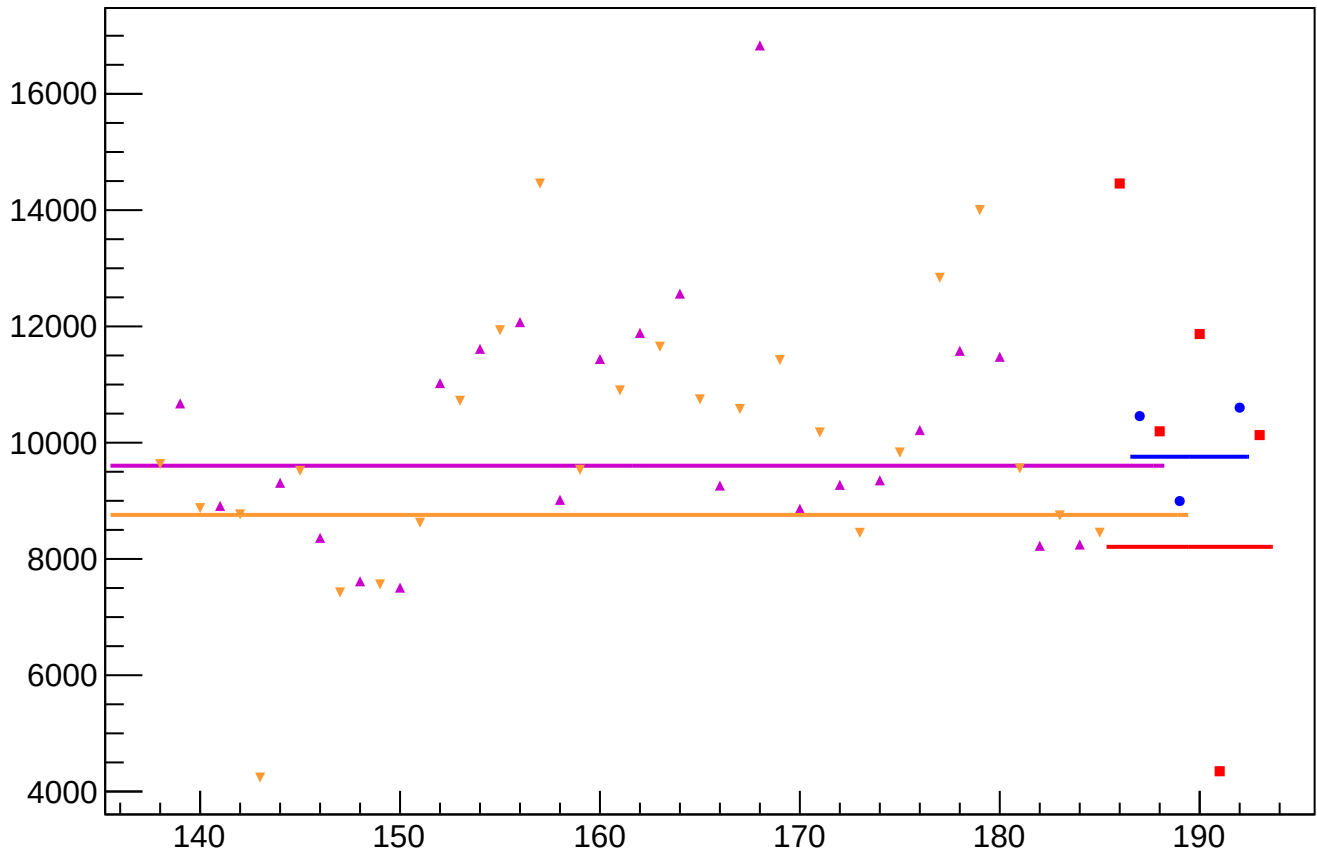
Left In: 185.013 $\pm$ 2330.398 χ^2 /NDF:15.0/22

+ sign 110.485 $\pm$ 2091.156 χ^2 /NDF: 30.8/27

All: 1191.615 $\pm$ 1498.268 χ^2 /NDF: 57.1/55

- sign 2332.021 $\pm$ 2147.717 χ^2 /NDF: 25.7/27

asym_at2_avg_correction_rms vs Slug



Right In: 9758.501 $\pm$ 6.829 χ^2 /NDF: 13218.7/2

Left Out: 8757.819 $\pm$ 1.515 χ^2 /NDF:2779104.9/24

Right Out: 8208.693 $\pm$ 3.913 χ^2 /NDF: 710155.9/4

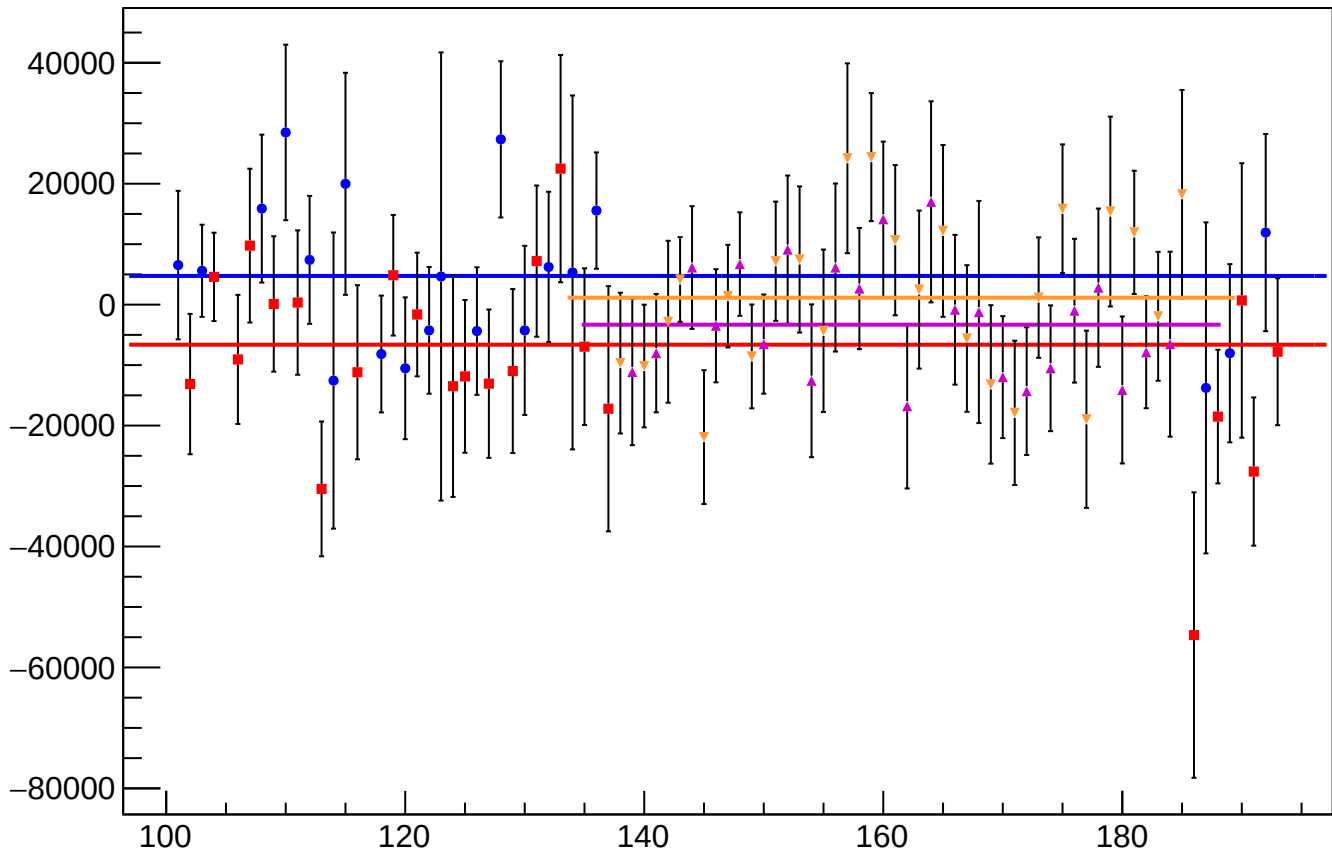
Left In: 9604.027 $\pm$ 1.648 χ^2 /NDF:1095805.7/22

+ sign 8804.739 $\pm$ 1.479 χ^2 /NDF: 2812791.0/27

All: 9091.430 $\pm$ 1.059 χ^2 /NDF: 4804003.6/55

- sign 9393.840 $\pm$ 1.519 χ^2 /NDF: 1913969.4/27

asym_at2_avg_mean vs Slug



Right In: 4747.022 $\pm$ 2829.435 χ^2/NDF : 15.9/19

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

Right Out: -6624.688 $\pm$ 2557.522 χ^2/NDF : 24.2/22

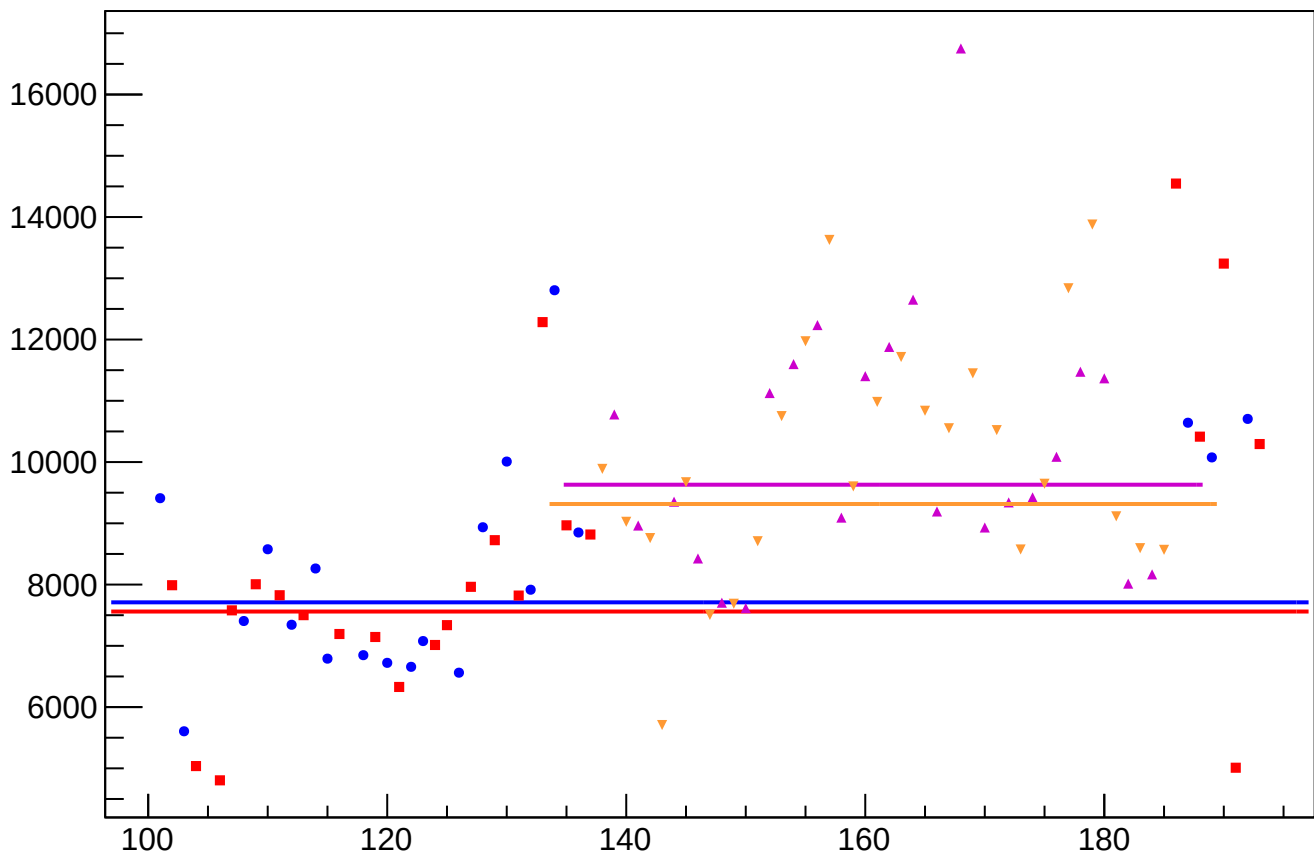
Left In: -3316.960 $\pm$ 2336.196 χ^2/NDF : 13.4/22

+ sign 2527.057 $\pm$ 1752.555 χ^2/NDF : 44.8/44

All: -1205.699 $\pm$ 1229.345 χ^2/NDF : 92.3/90

- sign -4821.532 $\pm$ 1724.889 χ^2/NDF : 38.6/45

asym_at2_avg_rms vs Slug



Right In: 7710.079+/-2.001 χ^2/NDF : 585558.0/19

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

Right Out: 7559.982+/-1.808 χ^2/NDF : 1212410.7/22

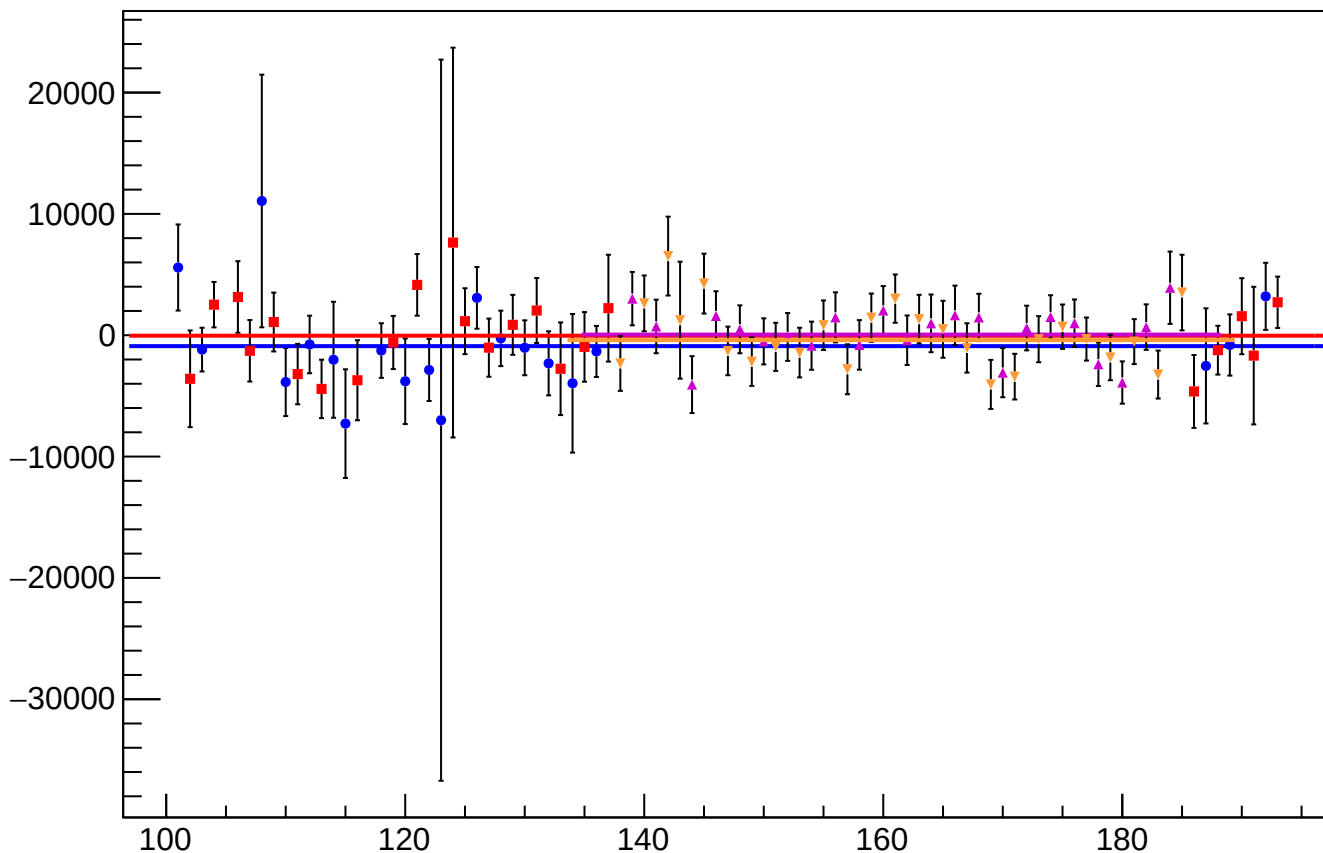
Left In: 9630.345+/-1.652 χ^2/NDF :1074643.5/22

+ sign 8699.486+/-1.239 χ^2/NDF : 2485884.7/44

All: 8693.903+/-0.869 χ^2/NDF : 5487540.2/90

- sign 8688.495+/-1.220 χ^2/NDF : 3001615.6/45

dit_asym_at2_dd_mean vs Slug



Right In: -899.433+/-632.391 χ^2/NDF : 14.7/19

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

Right Out: -39.888+/-563.365 χ^2/NDF : 20.2/22

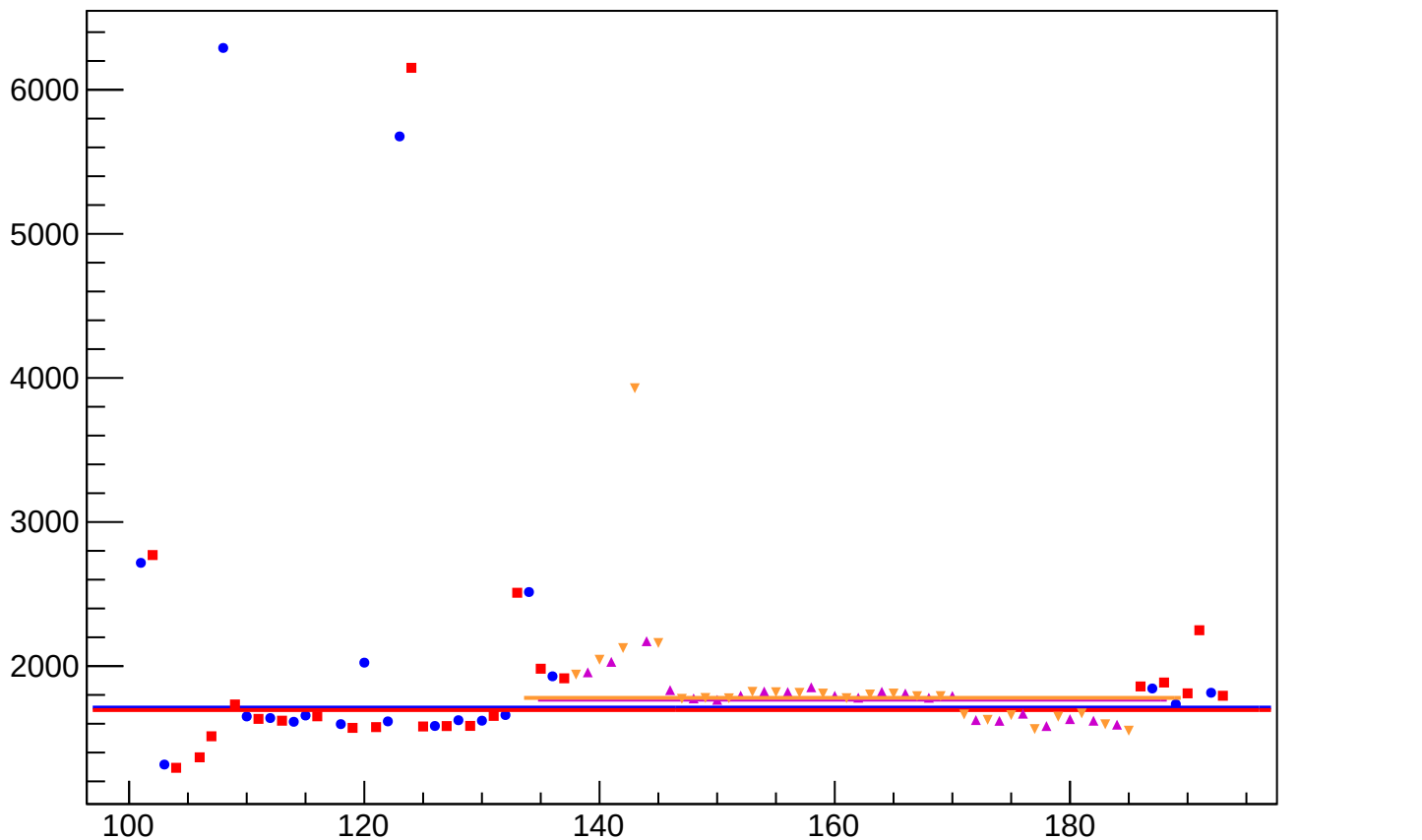
Left In: 53.539+/-422.570 χ^2/NDF : 20.9/22

+ sign -554.839+/-349.430 χ^2/NDF : 44.1/44

All: -257.952+/-242.958 χ^2/NDF : 86.5/90

- sign 19.901+/-338.042 χ^2/NDF : 41.1/45

dit_asym_at2_dd_rms vs Slug



Right In: 1711.950+/-0.447 χ^2/NDF : 783740.8/19

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

Right Out: 1695.190+/-0.398 χ^2/NDF : 619697.2/22

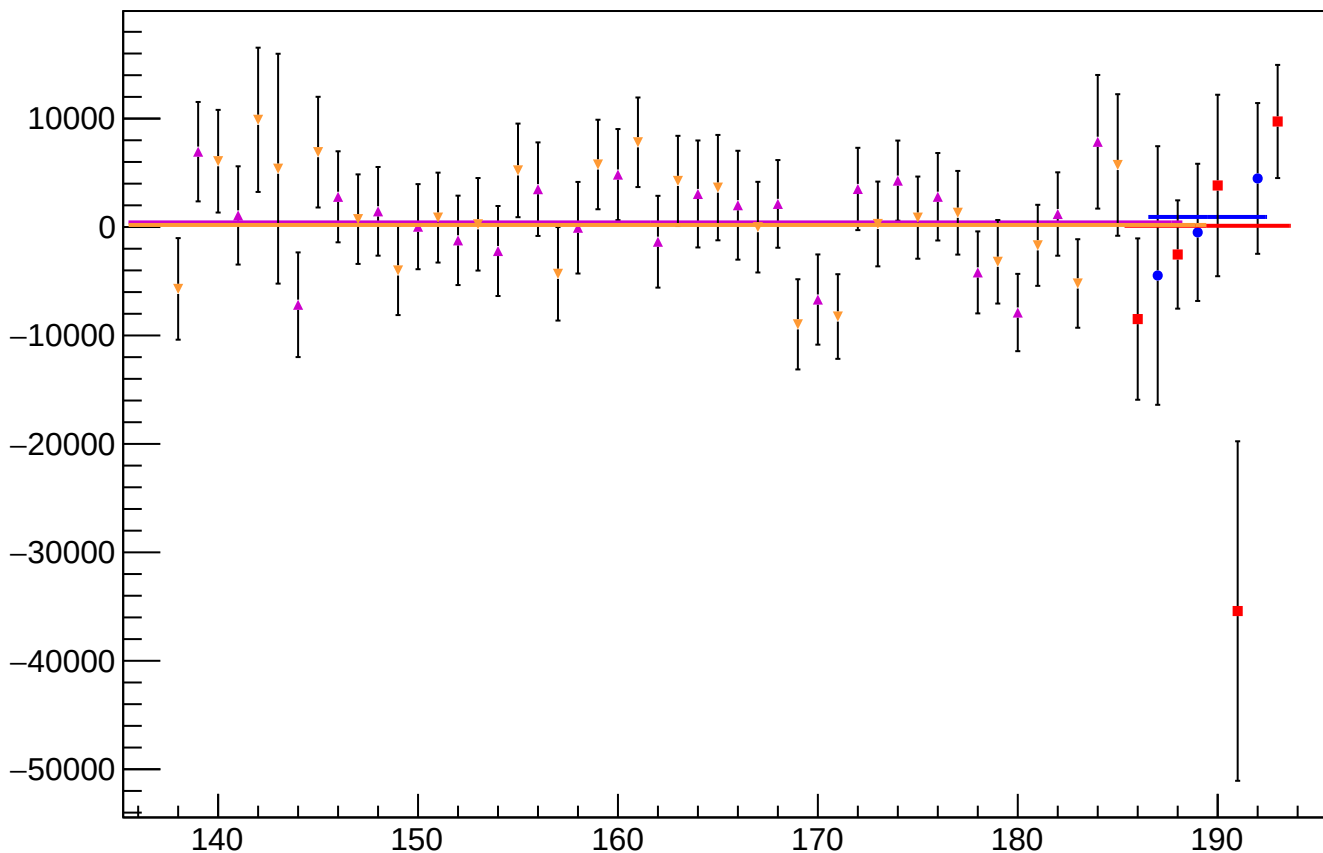
Left In: 1767.314+/-0.299 χ^2/NDF : 196583.8/22

+ sign 1758.830+/-0.247 χ^2/NDF : 1410487.3/44

All: 1749.798+/-0.172 χ^2/NDF : 2250332.7/90

- sign 1741.345+/-0.239 χ^2/NDF : 837258.6/45

asym_at2_dd_correction_mean vs Slug



Right In: 928.782 ± 4355.161 $\chi^2/\text{NDF}: 0.5/2$

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

Right Out: 113.126 ± 2971.434 $\chi^2/\text{NDF}: 10.4/4$

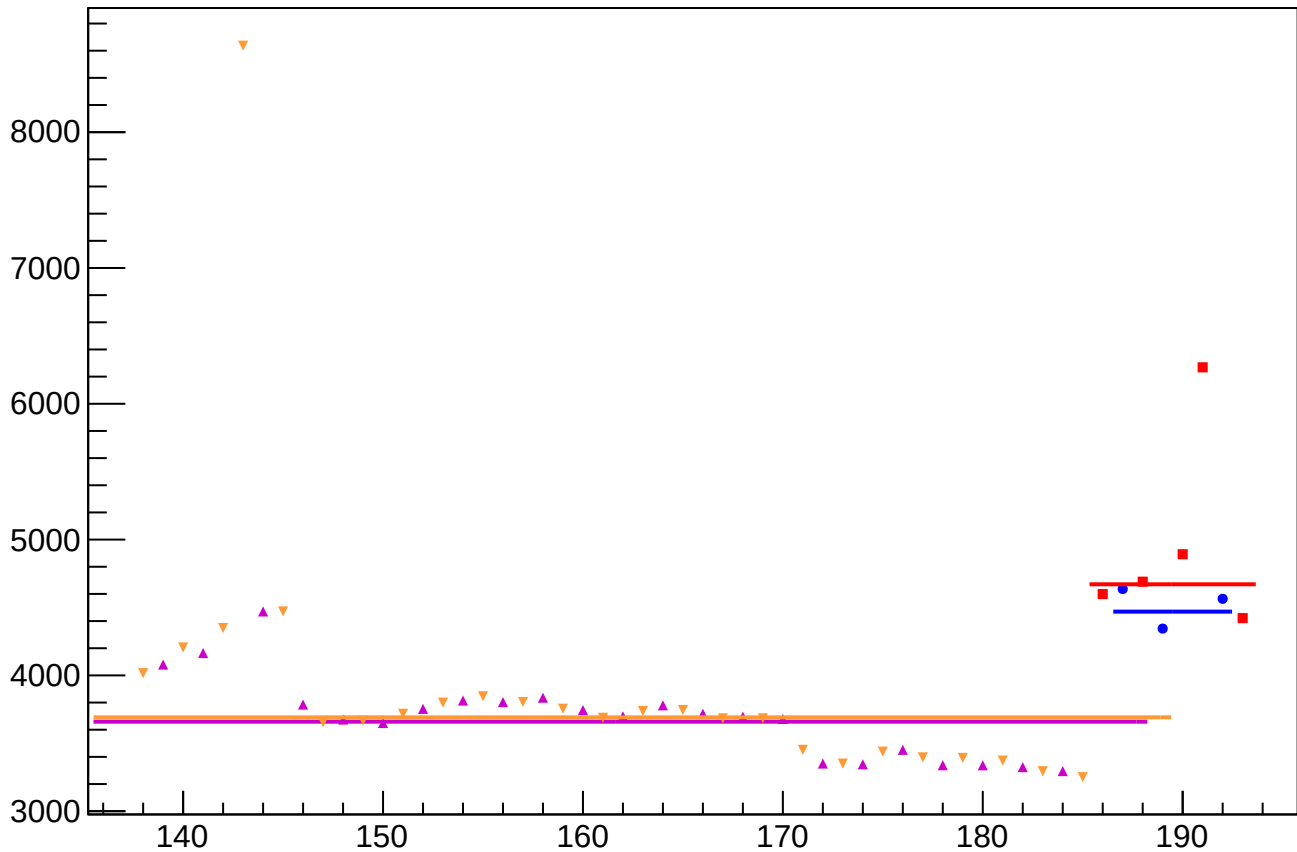
Left In: 426.004 ± 874.870 $\chi^2/\text{NDF}: 21.3/22$

+ sign 219.406 ± 853.061 $\chi^2/\text{NDF}: 31.1/27$

All: 311.708 ± 598.263 $\chi^2/\text{NDF}: 62.8/55$

- sign 401.045 ± 839.250 $\chi^2/\text{NDF}: 31.6/27$

asym_at2_dd_correction_rms vs Slug



Right In: 4469.473 ± 3.080 $\chi^2/\text{NDF}: 1537.1/2$

Left Out: 3691.174 ± 0.615 $\chi^2/\text{NDF}: 639471.7/24$

Right Out: 4670.838 ± 2.101 $\chi^2/\text{NDF}: 27021.0/4$

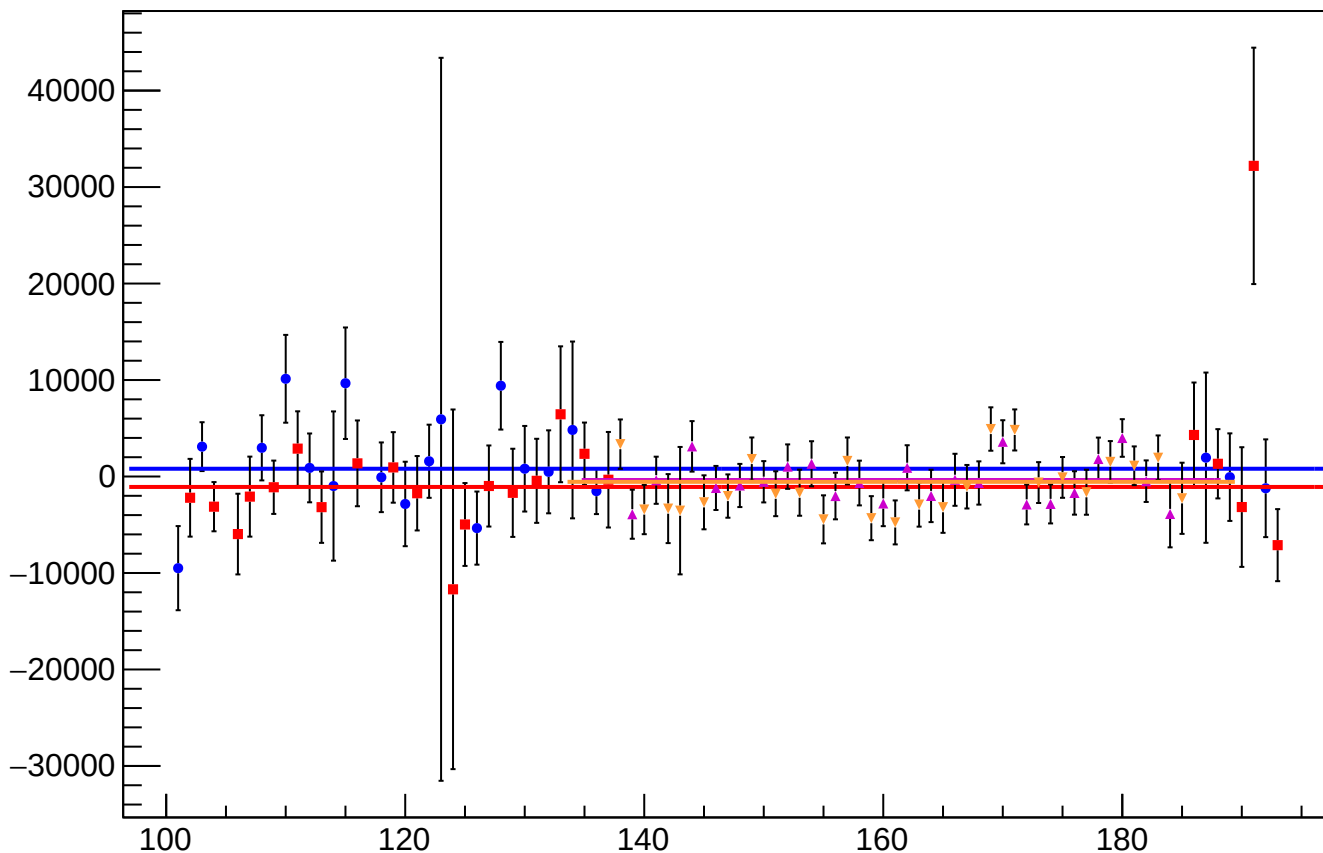
Left In: 3659.086 ± 0.619 $\chi^2/\text{NDF}: 198077.1/22$

+ sign 3721.034 ± 0.603 $\chi^2/\text{NDF}: 702430.8/27$

All: 3730.569 ± 0.423 $\chi^2/\text{NDF}: 1141398.9/55$

- sign 3739.797 ± 0.593 $\chi^2/\text{NDF}: 438476.4/27$

asym_at2_dd_mean vs Slug



Right In: 804.888+/-920.135 χ^2/NDF : 21.8/19

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

Right Out: -1081.876+/-851.048 χ^2/NDF : 19.2/22

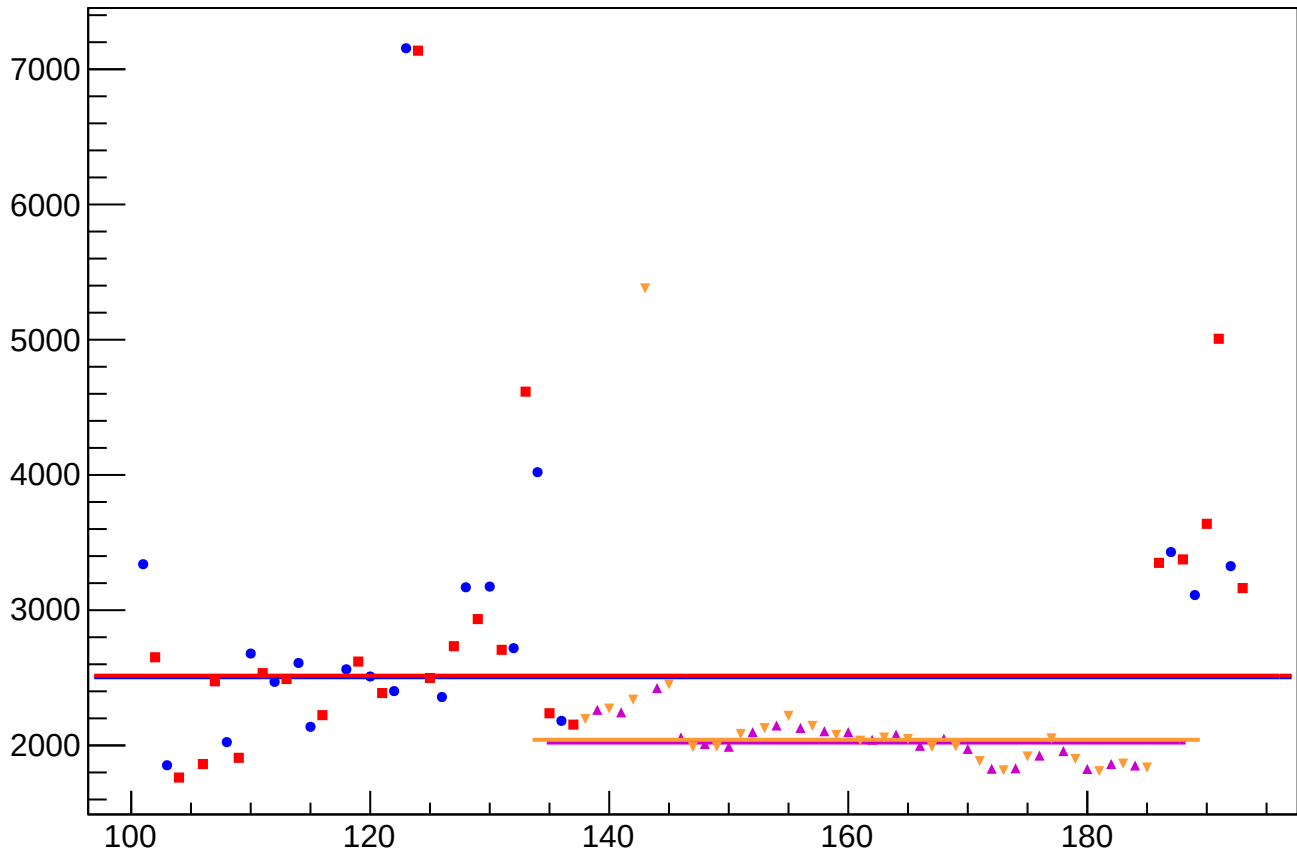
Left In: -366.243+/-483.092 χ^2/NDF : 20.5/22

+ sign -259.726+/-426.709 χ^2/NDF : 57.6/44

All: -402.367+/-299.374 χ^2/NDF : 98.0/90

- sign -540.640+/-420.125 χ^2/NDF : 40.2/45

asym_at2_dd_rms vs Slug



Right In: 2504.177+/-0.651 χ^2/NDF : 588972.7/19

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

Right Out: 2515.924+/-0.602 χ^2/NDF : 1057768.5/22

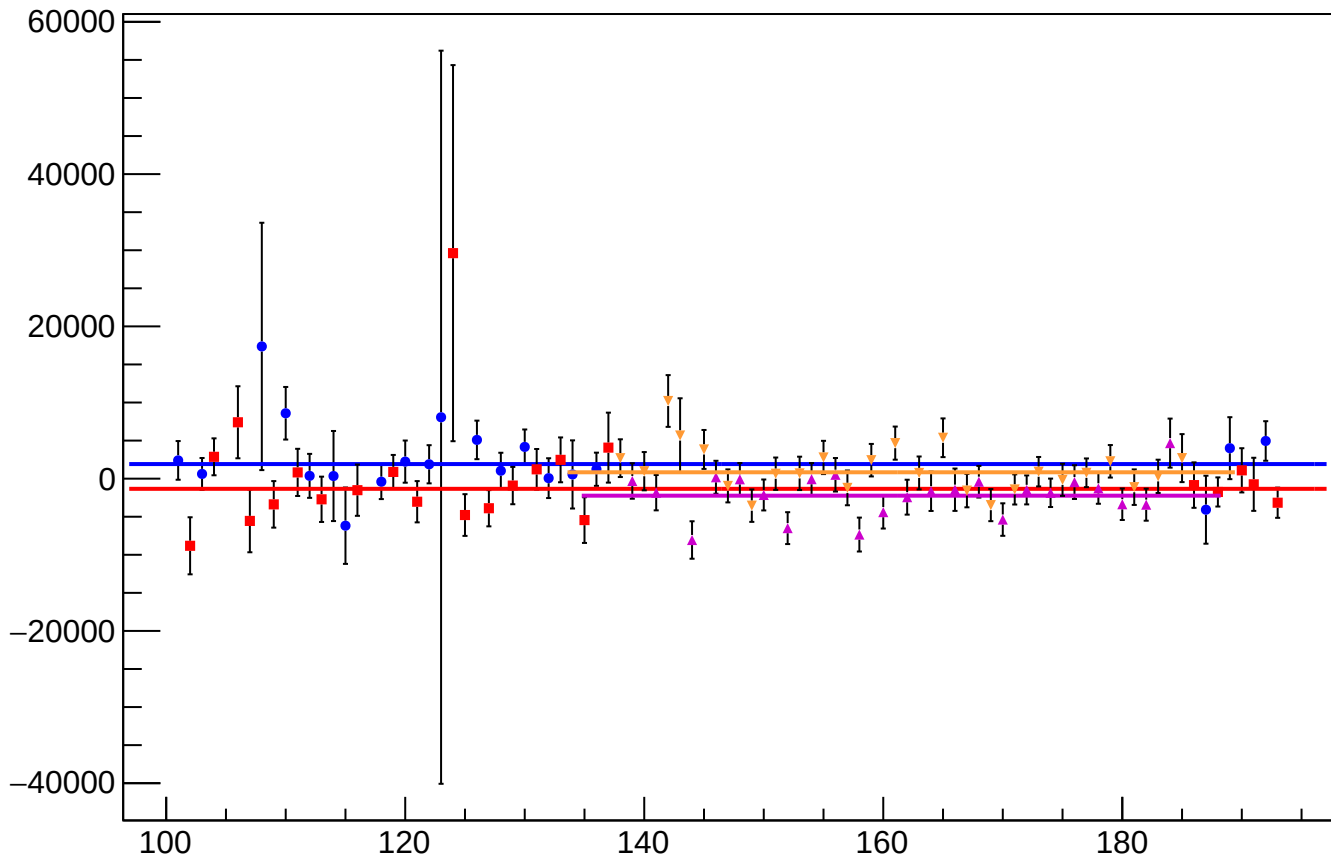
Left In: 2021.065+/-0.342 χ^2/NDF : 178726.2/22

+ sign 2141.224+/-0.302 χ^2/NDF : 1692280.2/44

All: 2141.446+/-0.212 χ^2/NDF : 3440203.4/90

- sign 2141.661+/-0.297 χ^2/NDF : 1747922.1/45

dit_asym_atl_avg_mean vs Slug



Right In: 1916.183 ± 654.756 $\chi^2/\text{NDF}: 15.9/19$

Left Out: 837.426 ± 454.502 $\chi^2/\text{NDF}: 32.3/24$

Right Out: -1336.010 ± 594.849 $\chi^2/\text{NDF}: 25.8/22$

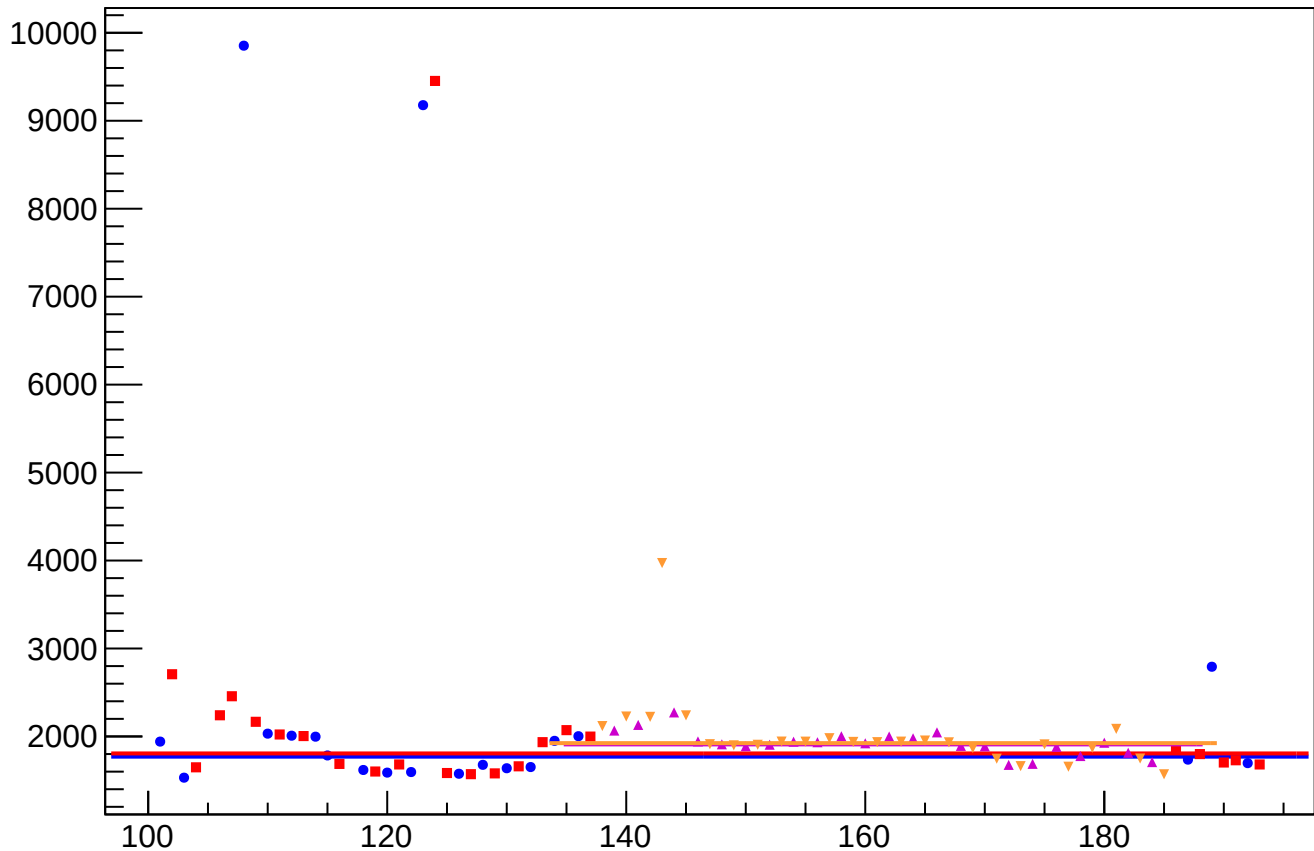
Left In: -2235.652 ± 457.720 $\chi^2/\text{NDF}: 31.0/22$

+ sign 1188.203 ± 373.365 $\chi^2/\text{NDF}: 50.1/44$

All: -400.948 ± 260.177 $\chi^2/\text{NDF}: 143.5/90$

- sign -1901.081 ± 362.757 $\chi^2/\text{NDF}: 58.2/45$

dit_asym_atl_avg_rms vs Slug



Right In: 1770.499+/-0.463 χ^2/NDF : 812697.5/19

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

Right Out: 1806.882+/-0.420 χ^2/NDF : 544711.5/22

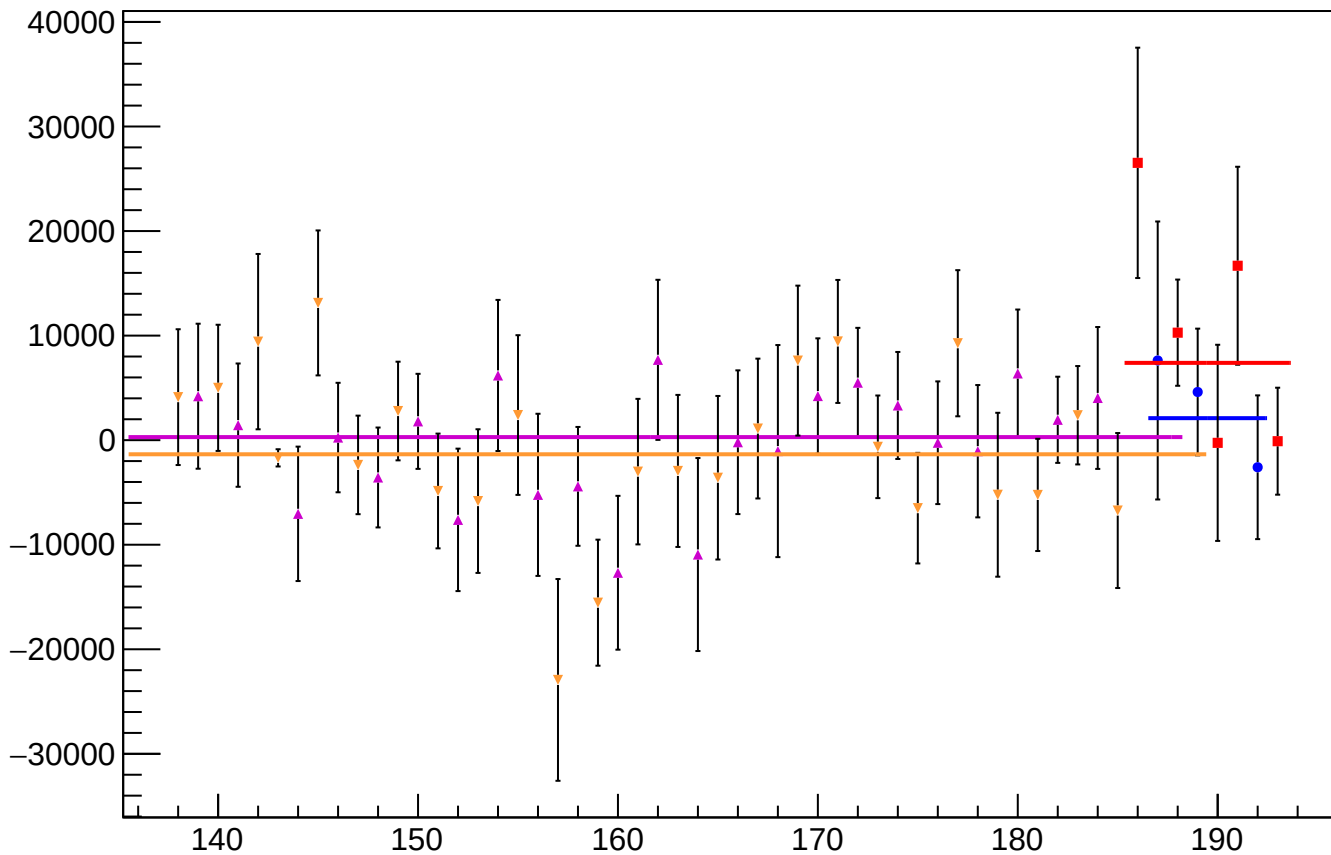
Left In: 1909.656+/-0.324 χ^2/NDF : 164475.5/22

+ sign 1874.138+/-0.264 χ^2/NDF : 1470891.6/44

All: 1872.726+/-0.184 χ^2/NDF : 2217673.1/90

- sign 1871.395+/-0.256 χ^2/NDF : 746726.0/45

asym_atl_avg_correction_mean vs Slug



Right In: 2104.332 $\pm$ 4301.463 χ^2 /NDF: 0.8/2

Left Out: -1349.584 $\pm$ 690.658 χ^2 /NDF:30.9/24

Right Out: 7392.869 $\pm$ 3046.615 χ^2 /NDF: 7.1/4

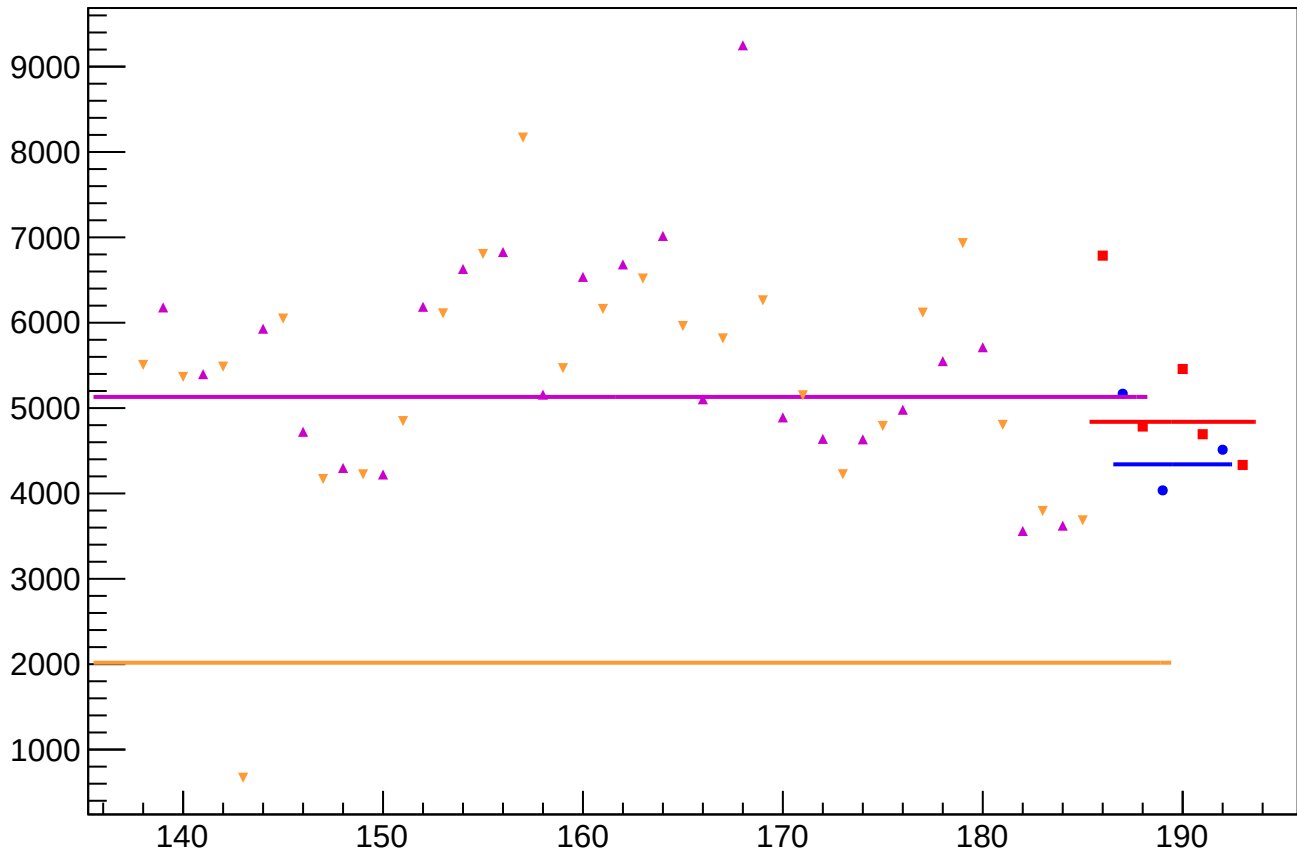
Left In: 294.047 $\pm$ 1252.274 χ^2 /NDF:14.5/22

+ sign -1262.778 $\pm$ 681.924 χ^2 /NDF: 32.3/27

All: -597.936 $\pm$ 587.640 χ^2 /NDF: 62.3/55

- sign 1320.061 $\pm$ 1158.246 χ^2 /NDF: 26.3/27

asym_atl_avg_correction_rms vs Slug



Right In: 4341.046+/-3.042 χ^2/NDF : 14043.7/2

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

Right Out: 4839.172+/-2.154 χ^2/NDF : 91403.4/4

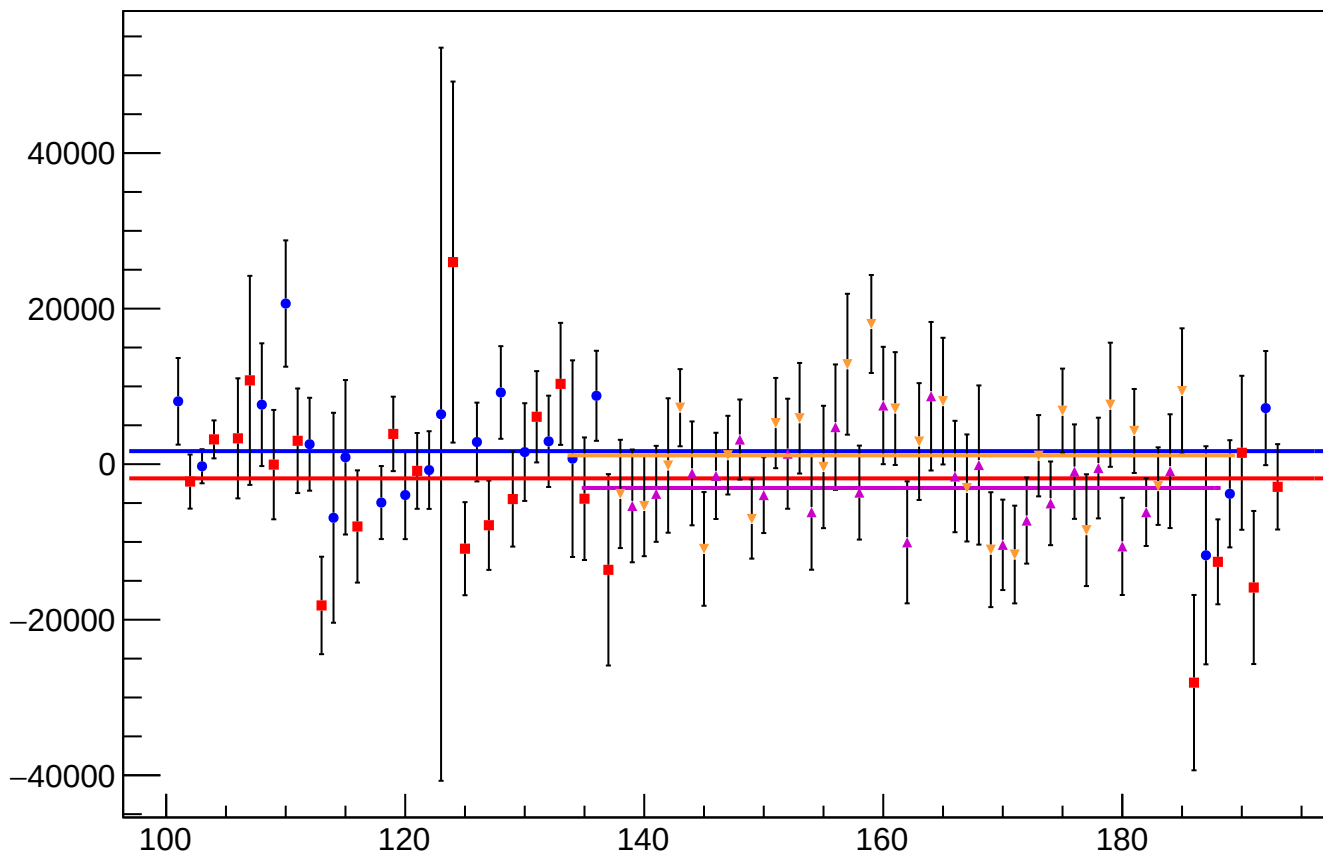
Left In: 5130.756+/-0.885 χ^2/NDF : 1489813.1/22

+ sign 2075.648+/-0.482 χ^2/NDF : 19742824.6/27

All: 2851.207+/-0.416 χ^2/NDF : 31389734.2/5

- sign 5088.613+/-0.819 χ^2/NDF : 1596888.6/27

asym_atl_avg_mean vs Slug



Right In: 1677.344+/-1254.670 χ^2/NDF : 17.1/19

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

Right Out: -1825.199+/-1198.985 χ^2/NDF : 36.9/22

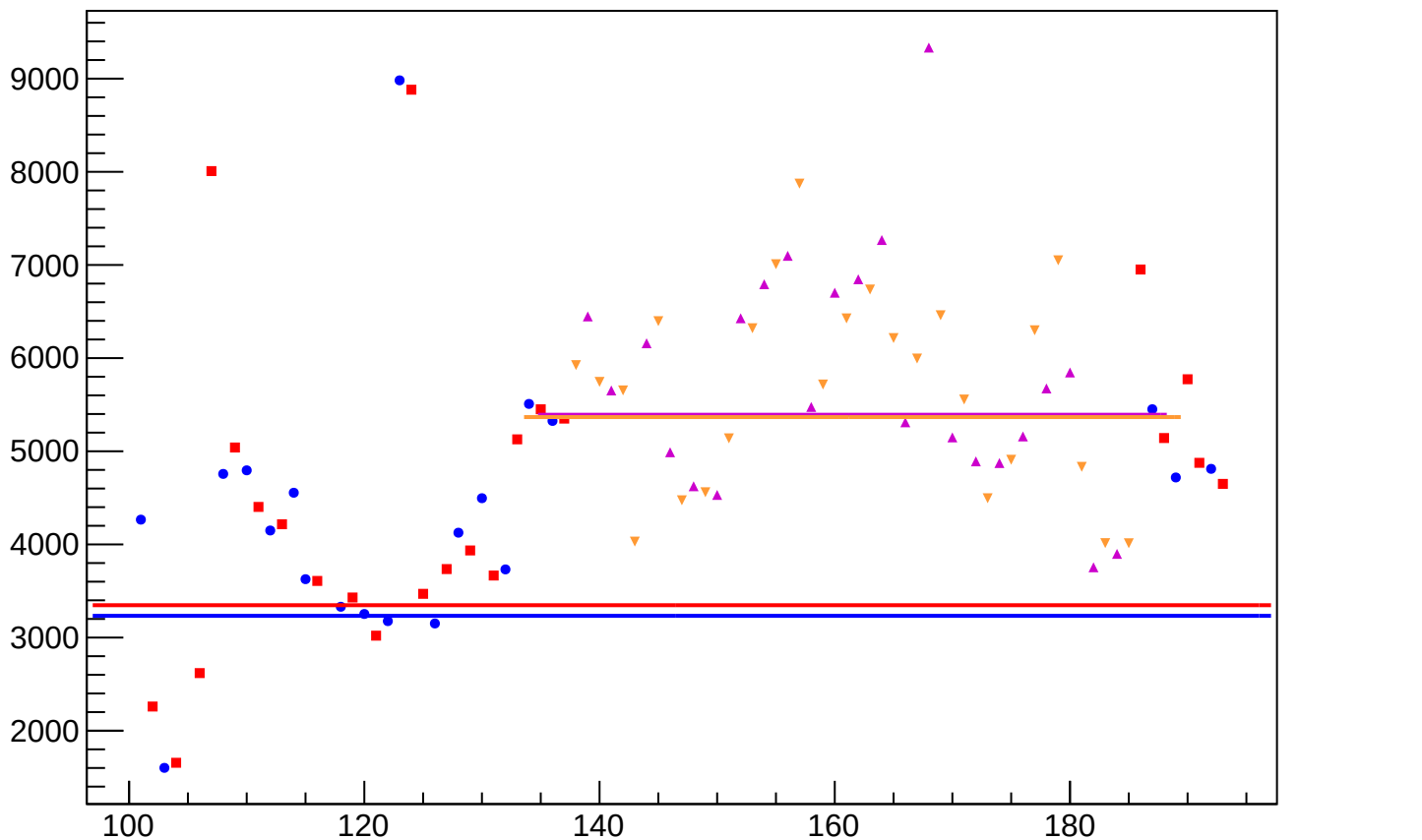
Left In: -3061.439+/-1313.197 χ^2/NDF : 12.3/22

+ sign 1410.412+/-896.080 χ^2/NDF : 49.7/44

All: -511.089+/-629.829 χ^2/NDF : 108.5/90

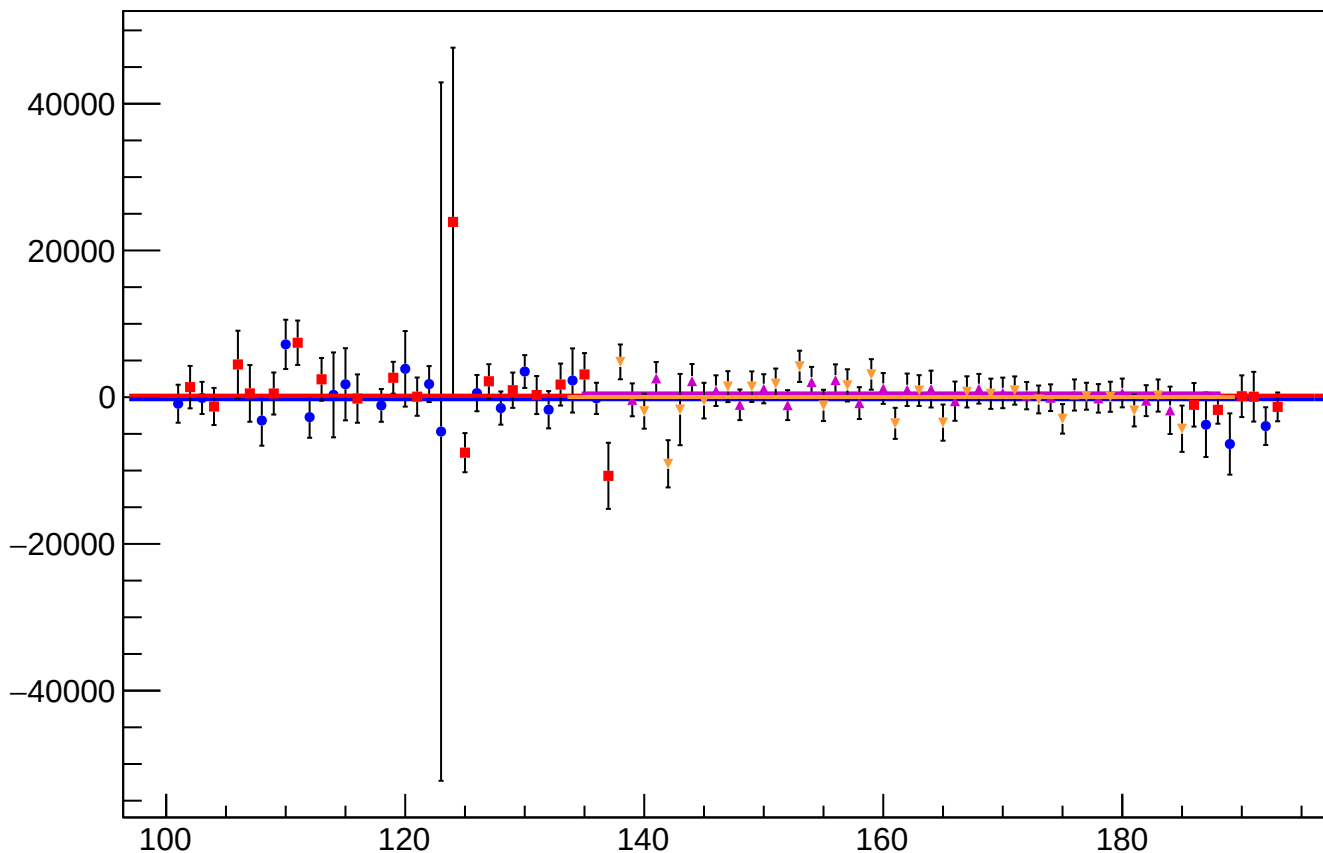
- sign -2387.231+/-885.440 χ^2/NDF : 49.7/45

asym_atl_avg_rms vs Slug



Right In: 3233.276+/-0.887	χ^2/NDF : 2131988.6/19	+ sign 4278.609+/-0.634	χ^2/NDF : 6179244.8/44
Left Out: 5366.944+/-0.905	χ^2/NDF : 1213541.3/24	All: 4271.196+/-0.444	χ^2/NDF : 12972102.4/9
Right Out: 3347.369+/-0.837	χ^2/NDF : 2797539.6/22	- sign 4264.057+/-0.622	χ^2/NDF : 6792588.9/45
Left In: 5391.987+/-0.929	χ^2/NDF : 1320415.5/22		

dit_asym_atl_dd_mean vs Slug



Right In: -279.197+/-648.118 χ^2/NDF : 16.9/19

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

Right Out: 212.903+/-578.021 χ^2/NDF : 28.2/22

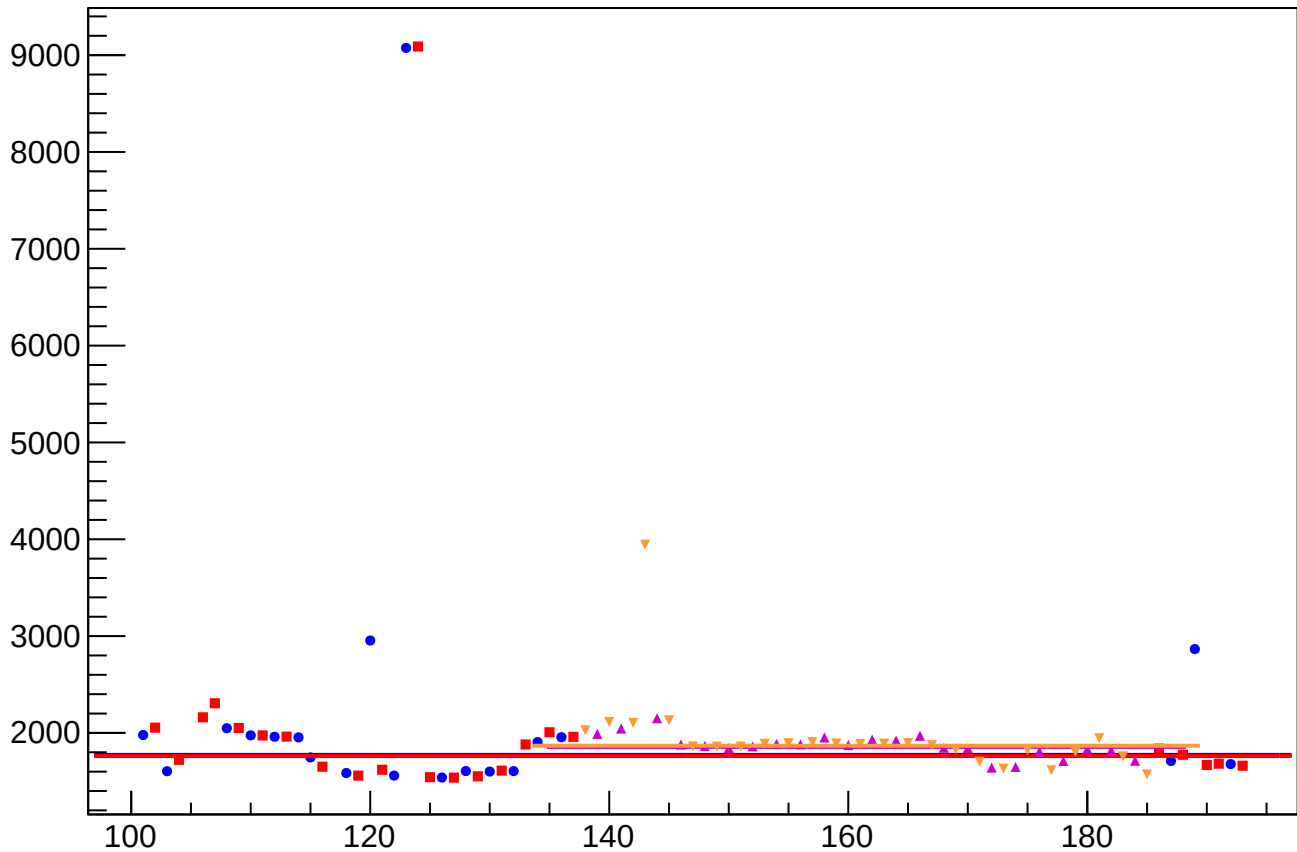
Left In: 514.693+/-444.402 χ^2/NDF :5.9/22

+ sign -72.297+/-364.445 χ^2/NDF : 48.7/44

All: 173.176+/-253.303 χ^2/NDF : 83.9/90

- sign 402.576+/-352.311 χ^2/NDF : 34.3/45

dit_asym_atl_dd_rms vs Slug



Right In: 1773.047 $\pm$ 0.458 χ^2 /NDF: 442775.2/19

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

Right Out: 1760.980 $\pm$ 0.408 χ^2 /NDF: 418839.5/22

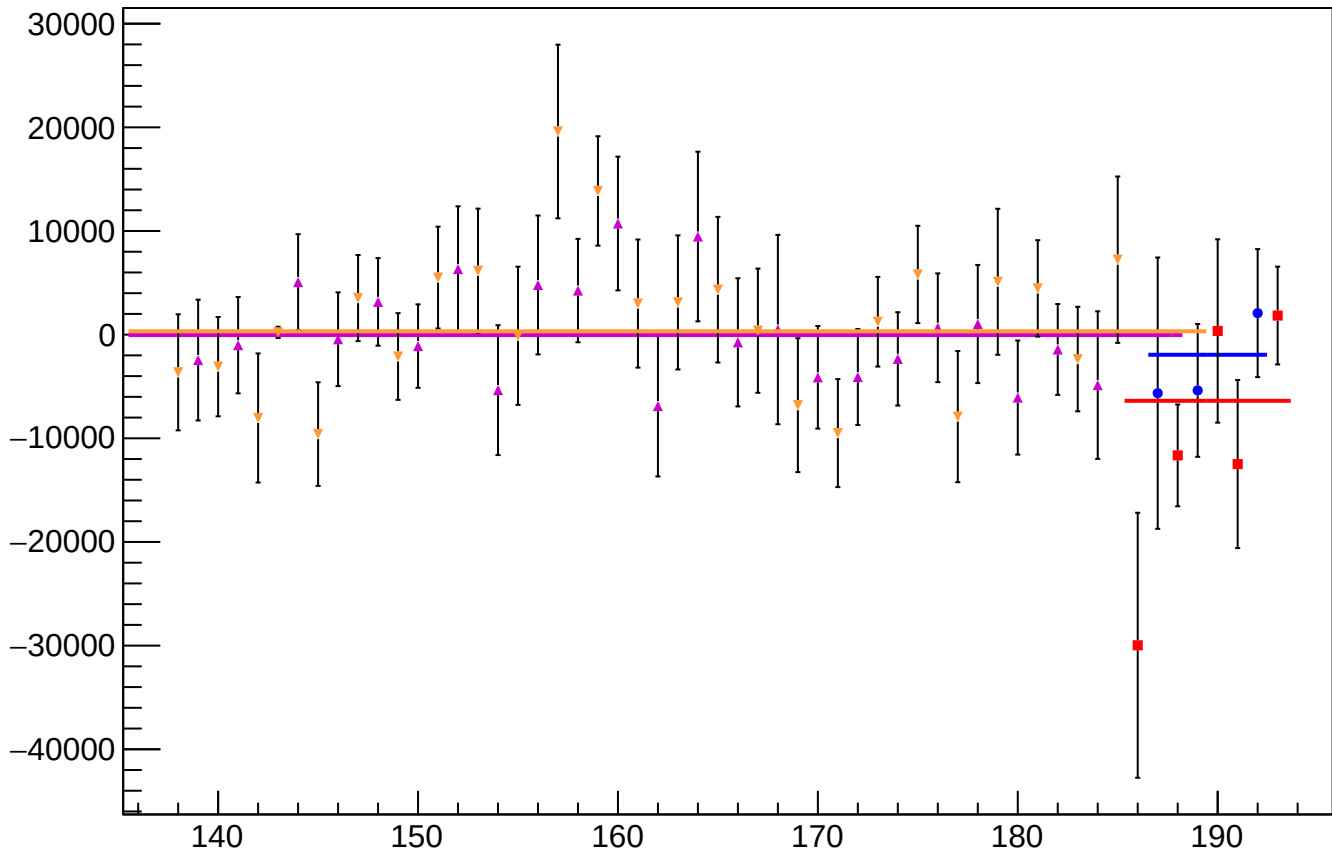
Left In: 1855.480 $\pm$ 0.314 χ^2 /NDF: 136219.4/22

+ sign 1837.661 $\pm$ 0.258 χ^2 /NDF: 1017188.2/44

All: 1828.695 $\pm$ 0.179 χ^2 /NDF: 1608233.4/90

- sign 1820.322 $\pm$ 0.249 χ^2 /NDF: 588704.1/45

asym_atl_dd_correction_mean vs Slug



Right In: -1940.565+/-4210.476 χ^2/NDF : 0.8/2

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

Right Out: -6381.989+/-2879.766 χ^2/NDF : 8.7/4

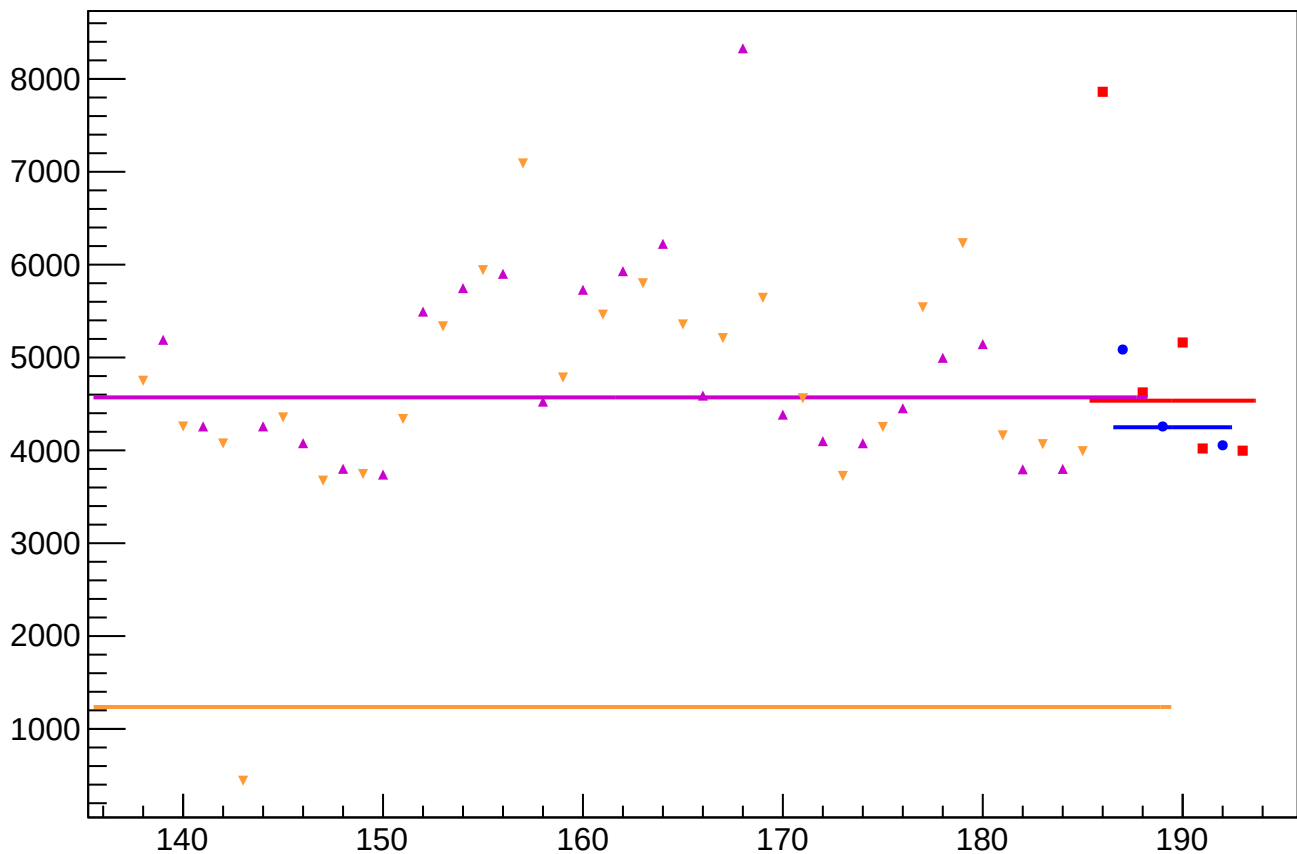
Left In: -40.142+/-1109.747 χ^2/NDF : 13.9/22

+ sign 295.074+/-484.989 χ^2/NDF : 33.6/27

All: 87.256+/-439.205 χ^2/NDF : 61.4/55

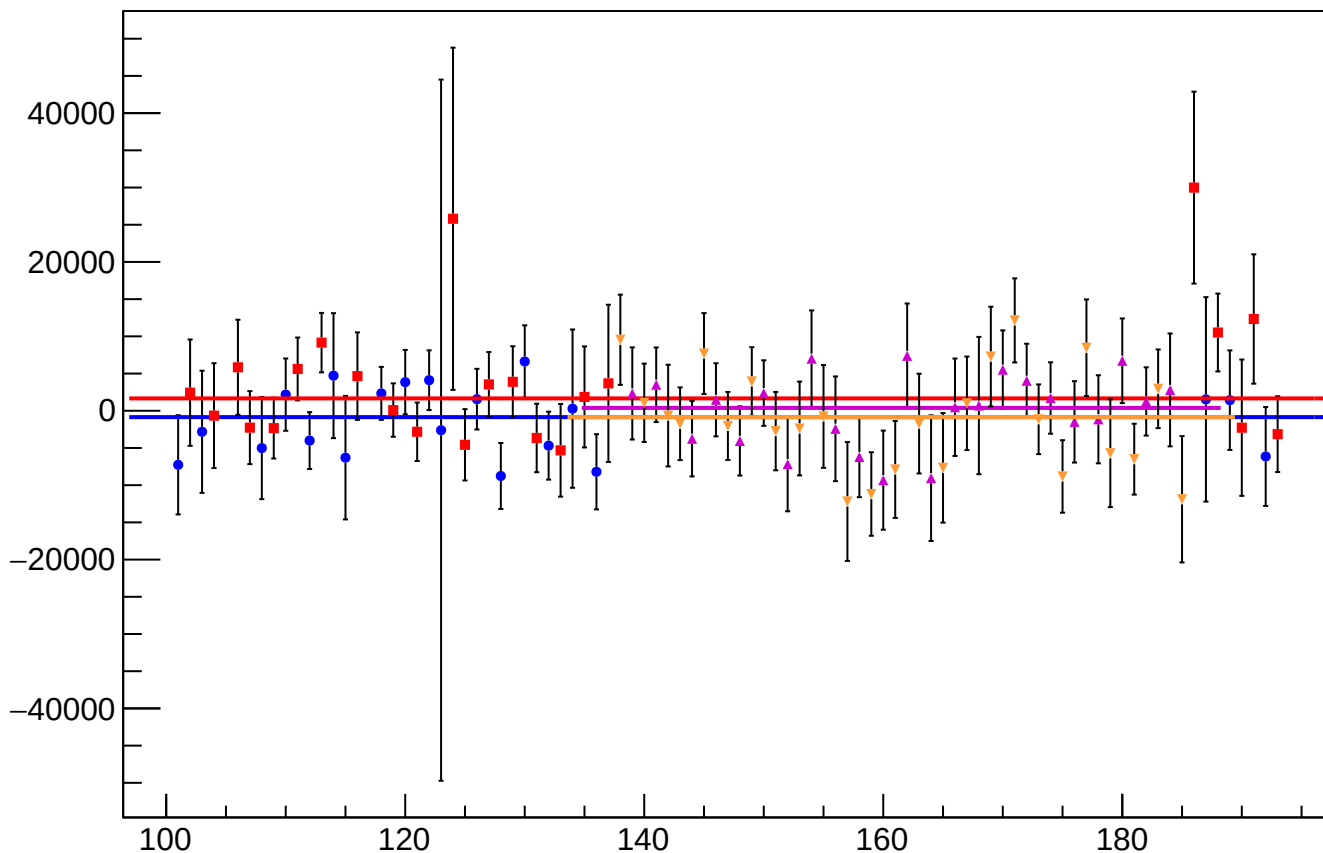
- sign -860.148+/-1035.519 χ^2/NDF : 26.8/27

asym_atl_dd_correction_rms vs Slug



Right In: 4248.784+/-2.977	χ^2/NDF : 10158.7/2	+ sign 1276.141+/-0.343	χ^2/NDF : 24416353.8/27
Left Out: 1236.170+/-0.345	χ^2/NDF : 23395886.7/24	All: 1867.939+/-0.311	χ^2/NDF : 42295783.5/5
Right Out: 4535.136+/-2.036	χ^2/NDF : 180231.1/4	- sign 4565.839+/-0.732	χ^2/NDF : 1325703.8/27
Left In: 4570.398+/-0.785	χ^2/NDF : 1145211.6/22		

asym_atl_dd_mean vs Slug



Right In: -852.784 ± 1201.551 χ^2/NDF : 16.3/19

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

Right Out: 1661.835 ± 1112.389 χ^2/NDF : 24.4/22

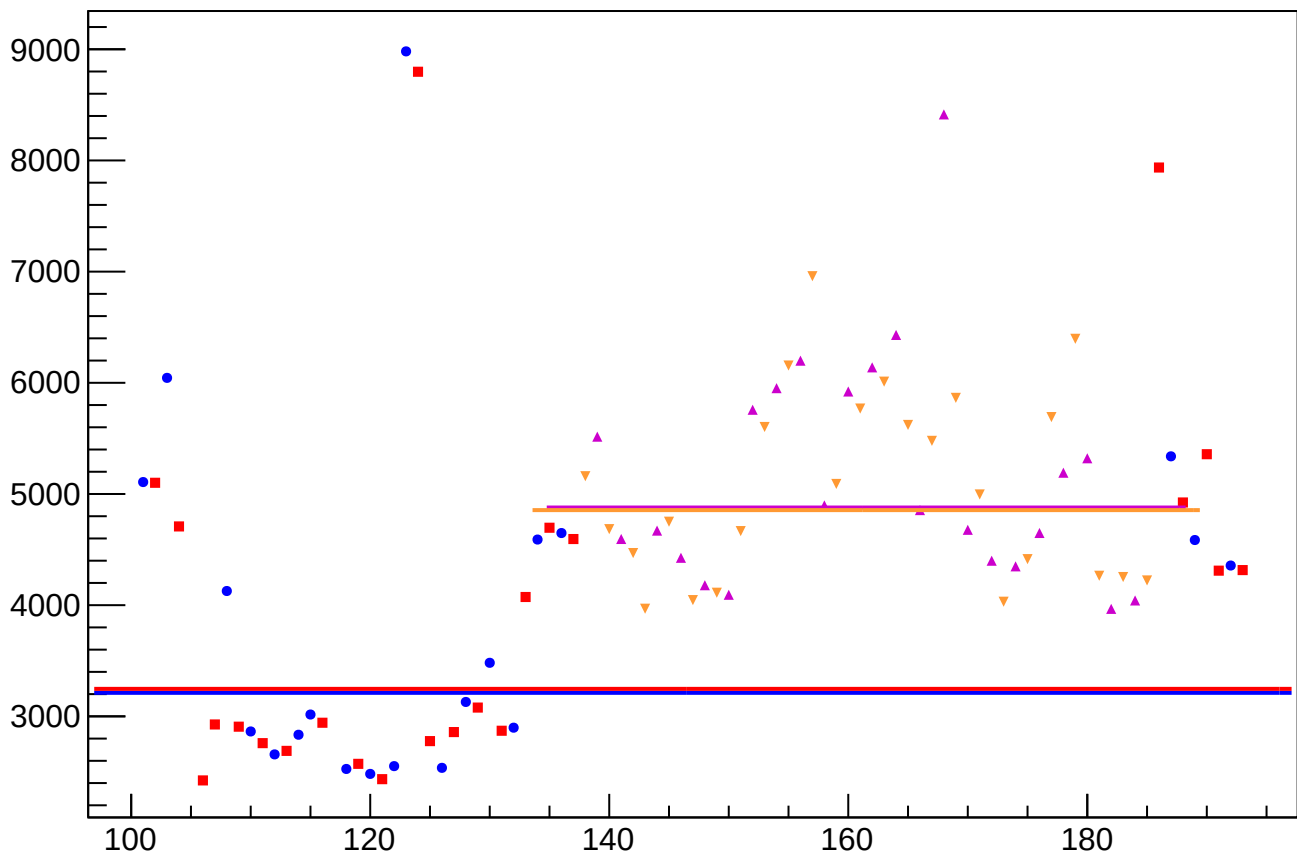
Left In: 385.098 ± 1181.458 χ^2/NDF : 13.9/22

+ sign -848.953 ± 831.807 χ^2/NDF : 46.3/44

All: 131.961 ± 580.274 χ^2/NDF : 88.0/90

- sign 1061.875 ± 809.895 χ^2/NDF : 38.9/45

asym_atl_dd_rms vs Slug



Right In: 3211.585 $\pm$ 0.850 χ^2 /NDF: 1165966.0/19

Left Out: 4854.932 $\pm$ 0.815 χ^2 /NDF: 895557.4/24

Right Out: 3247.275 $\pm$ 0.778 χ^2 /NDF: 1548589.5/22

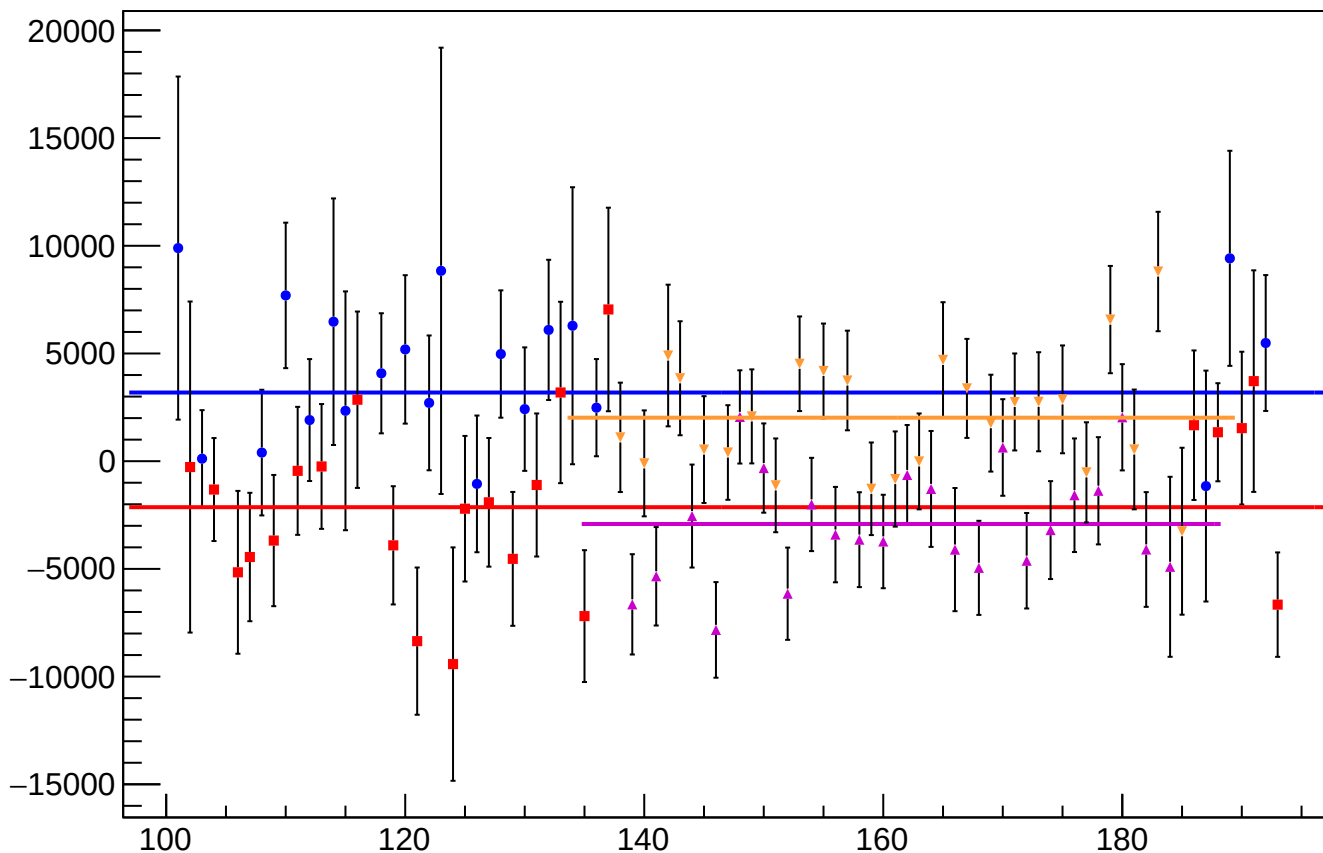
Left In: 4878.261 $\pm$ 0.835 χ^2 /NDF: 965222.2/22

+ sign 4067.356 $\pm$ 0.588 χ^2 /NDF: 4009737.4/44

All: 4035.068 $\pm$ 0.409 χ^2 /NDF: 8570562.0/90

- sign 4004.814 $\pm$ 0.569 χ^2 /NDF: 4554987.4/45

dit_asym_atr_avg_mean vs Slug



Right In: 3187.218 ± 754.612 χ^2/NDF : 12.7/19

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

Right Out: -2135.406 ± 675.401 χ^2/NDF : 27.6/22

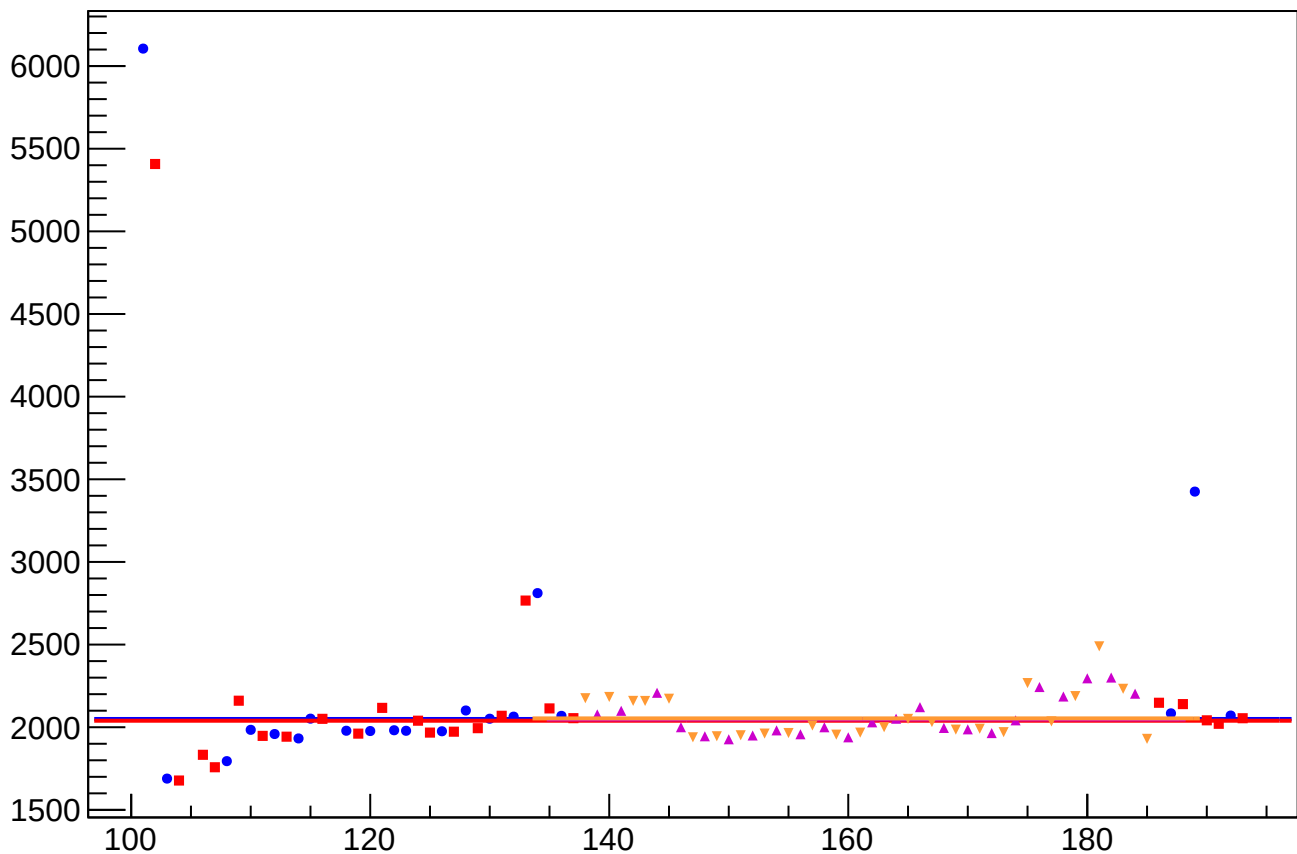
Left In: -2916.079 ± 489.445 χ^2/NDF : 28.8/22

+ sign 2357.083 ± 405.812 χ^2/NDF : 41.5/44

All: -204.293 ± 283.537 χ^2/NDF : 176.7/90

- sign -2647.272 ± 396.322 χ^2/NDF : 57.3/45

dit_asym_atr_avg_rms vs Slug



Right In: 2049.943 $\pm$ 0.534 χ^2 /NDF: 774088.2/19

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

Right Out: 2039.395 $\pm$ 0.477 χ^2 /NDF: 533388.3/22

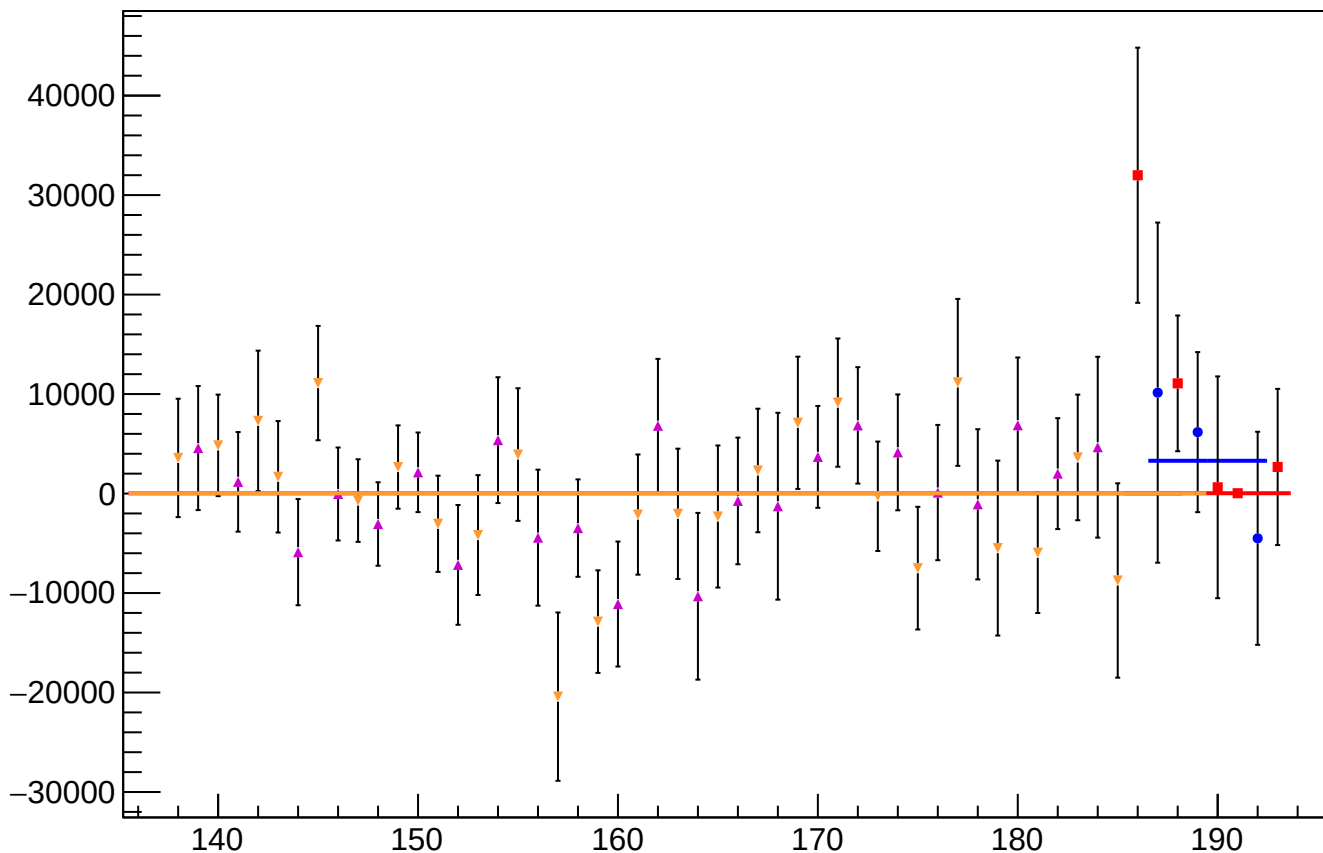
Left In: 2047.277 $\pm$ 0.346 χ^2 /NDF:103001.2/22

+ sign 2052.326 $\pm$ 0.287 χ^2 /NDF: 911004.3/44

All: 2048.352 $\pm$ 0.200 χ^2 /NDF: 1547947.1/90

- sign 2044.562 $\pm$ 0.280 χ^2 /NDF: 636568.1/45

asym_atr_avg_correction_mean vs Slug



Right In: 3294.210+/-6020.289 χ^2/NDF : 0.8/2

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

Right Out: 31.703+/-15.145 χ^2/NDF : 9.0/4

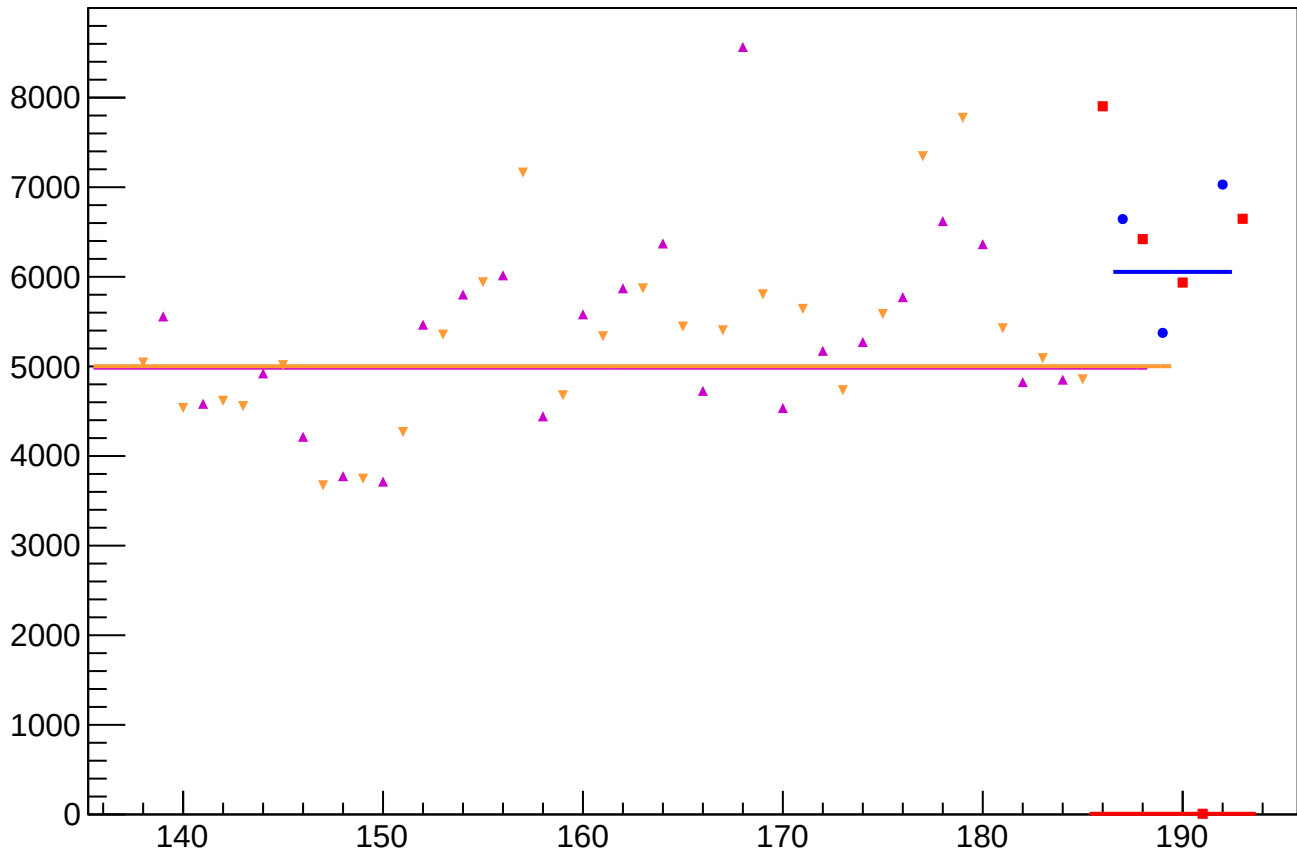
Left In: 23.765+/-1211.652 χ^2/NDF : 15.2/22

+ sign 149.791+/-1171.778 χ^2/NDF : 30.3/27

All: 31.721+/-15.143 χ^2/NDF : 54.5/55

- sign 31.701+/-15.144 χ^2/NDF : 24.2/27

asym_atr_avg_correction_rms vs Slug



Right In: 6054.997 $\pm$ 4.257 χ^2 /NDF: 33243.8/2

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

+ sign 5042.429 $\pm$ 0.829 χ^2 /NDF: 1237646.2/27

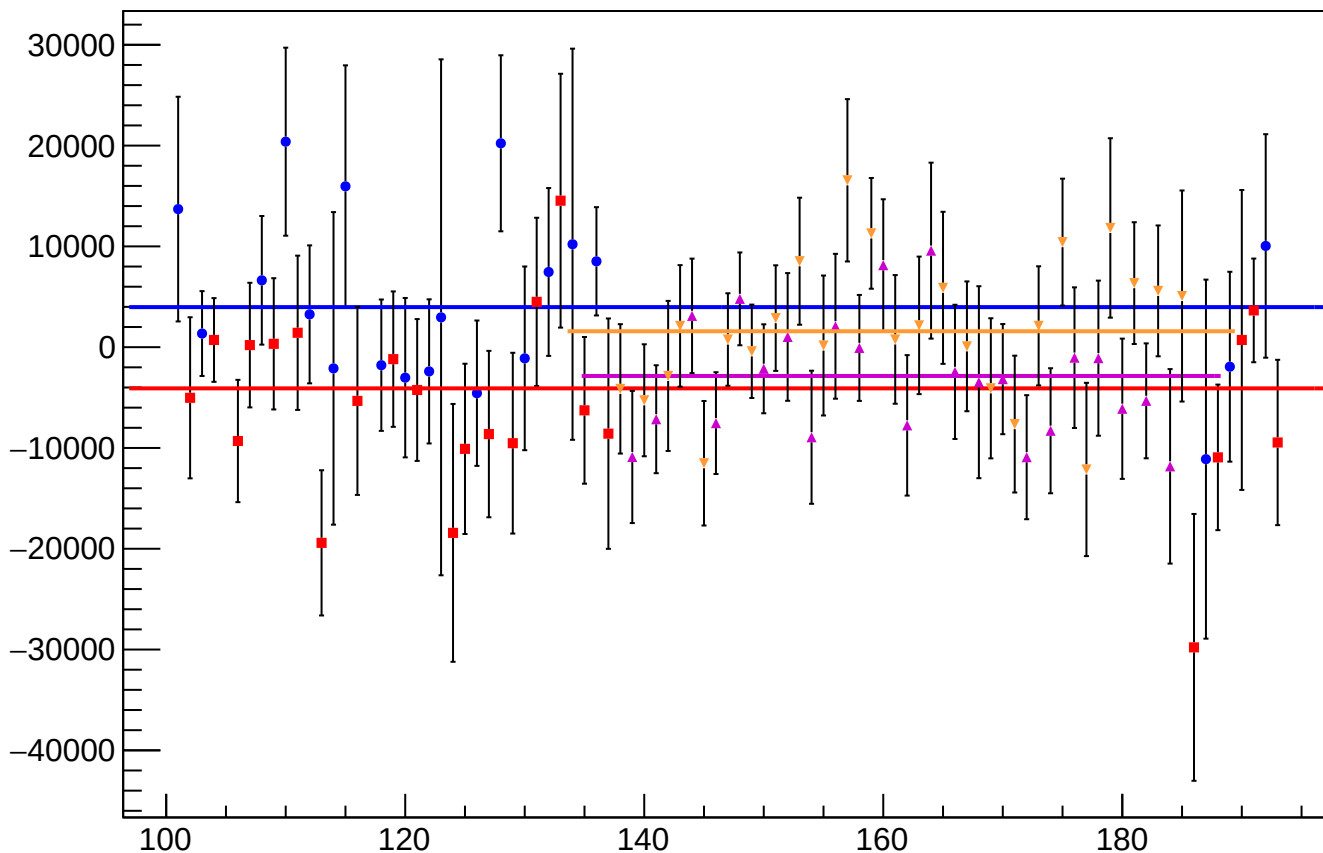
Right Out: 7.585 $\pm$ 0.011 χ^2 /NDF: 4523315.4/4

All: 9.203 $\pm$ 0.011 χ^2 /NDF: 77626434.7/55

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

- sign 8.363 $\pm$ 0.011 χ^2 /NDF: 39482134.3/27

asym_atr_avg_mean vs Slug



Right In: 3974.969+/-1789.441 χ^2/NDF : 15.5/19

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

Right Out: -4087.099+/-1548.027 χ^2/NDF : 21.7/22

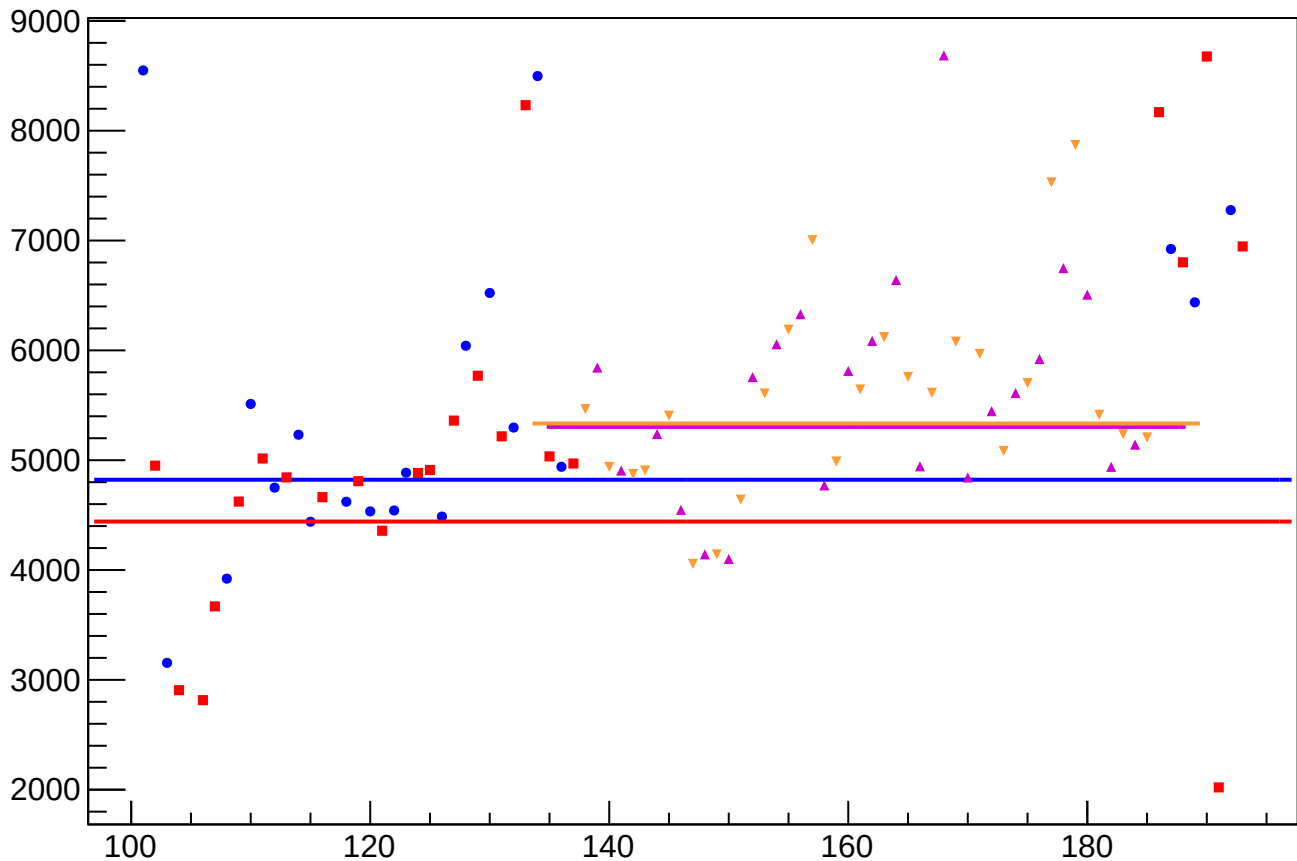
Left In: -2856.480+/-1284.131 χ^2/NDF : 18.1/22

+ sign 2379.315+/-1033.554 χ^2/NDF : 41.9/44

All: -617.623+/-714.313 χ^2/NDF : 98.1/90

- sign -3358.109+/-988.344 χ^2/NDF : 40.1/45

asym_atr_avg_rms vs Slug



Right In: 4822.107+/-1.265 χ^2/NDF : 976431.4/19

Left Out: 5334.221+/-0.895 χ^2/NDF : 865414.3/24

Right Out: 4441.352+/-1.090 χ^2/NDF : 1960785.0/22

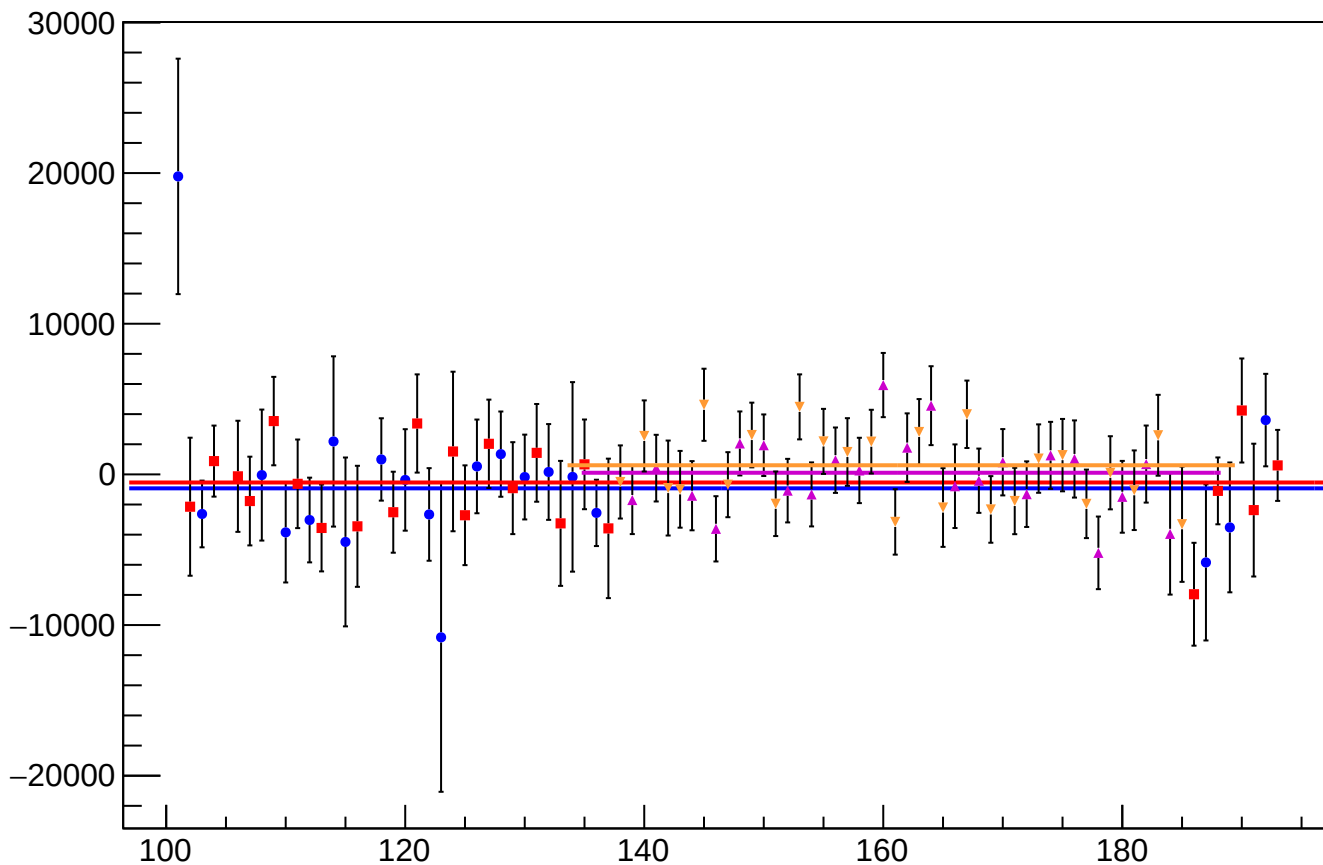
Left In: 5303.321+/-0.908 χ^2/NDF : 960356.0/22

+ sign 5163.377+/-0.731 χ^2/NDF : 1951005.0/44

All: 5051.726+/-0.505 χ^2/NDF : 5286107.4/90

- sign 4950.017+/-0.698 χ^2/NDF : 3290501.6/45

dit_asym_atr_dd_mean vs Slug



Right In: -926.736 ± 750.968 χ^2/NDF : 16.5/19

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

Right Out: -538.035 ± 655.030 χ^2/NDF : 16.1/22

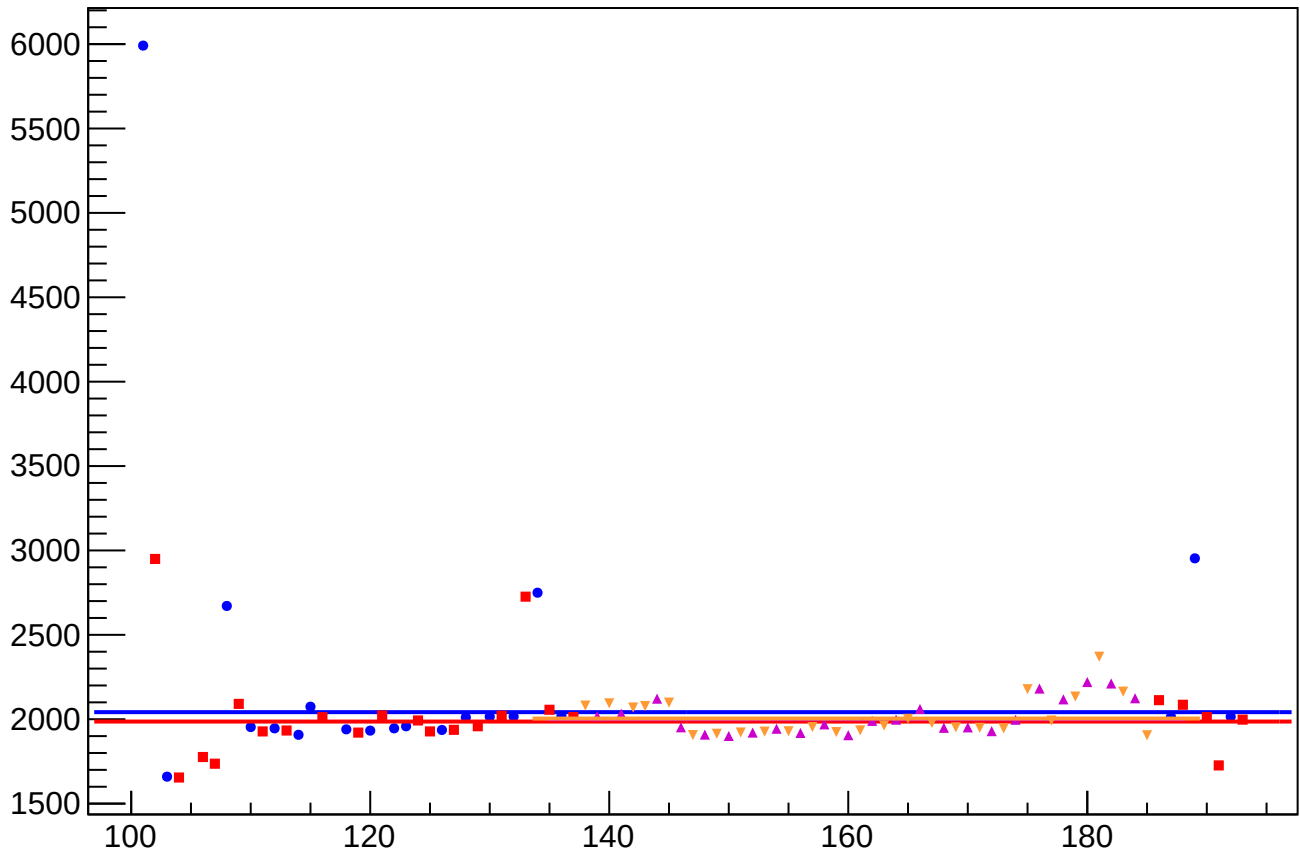
Left In: 108.365 ± 477.899 χ^2/NDF : 25.0/22

+ sign 175.254 ± 398.038 χ^2/NDF : 44.8/44

All: 25.088 ± 277.127 χ^2/NDF : 86.7/90

- sign -116.183 ± 386.069 χ^2/NDF : 41.7/45

dit_asym_atr_dd_rms vs Slug



Right In: 2041.949 ± 0.531 χ^2/NDF : 742340.3/19

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

+ sign 2014.652 ± 0.281 χ^2/NDF : 845997.0/44

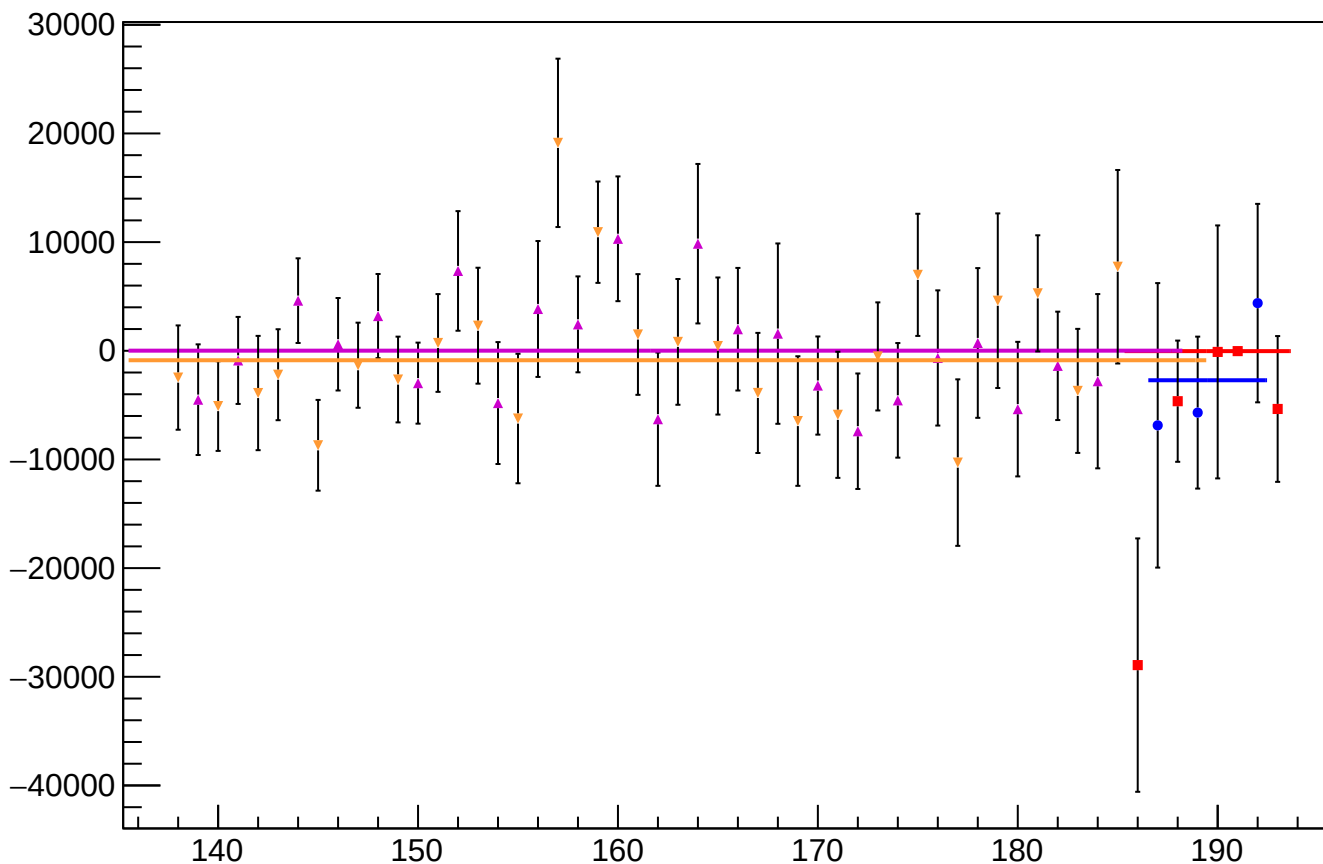
Right Out: 1986.191 ± 0.463 χ^2/NDF : 235071.9/22

All: 2004.666 ± 0.196 χ^2/NDF : 1163791.2/90

- sign 1995.276 ± 0.273 χ^2/NDF : 315351.4/45

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

asym_atr_dd_correction_mean vs Slug



Right In: -2712.198 $\pm$ 5110.637 χ^2 /NDF: 0.9/2

Left Out: -871.296 $\pm$ 1043.390 χ^2 /NDF: 28.3/24

Right Out: -31.152 $\pm$ 14.261 χ^2 /NDF: 7.5/4

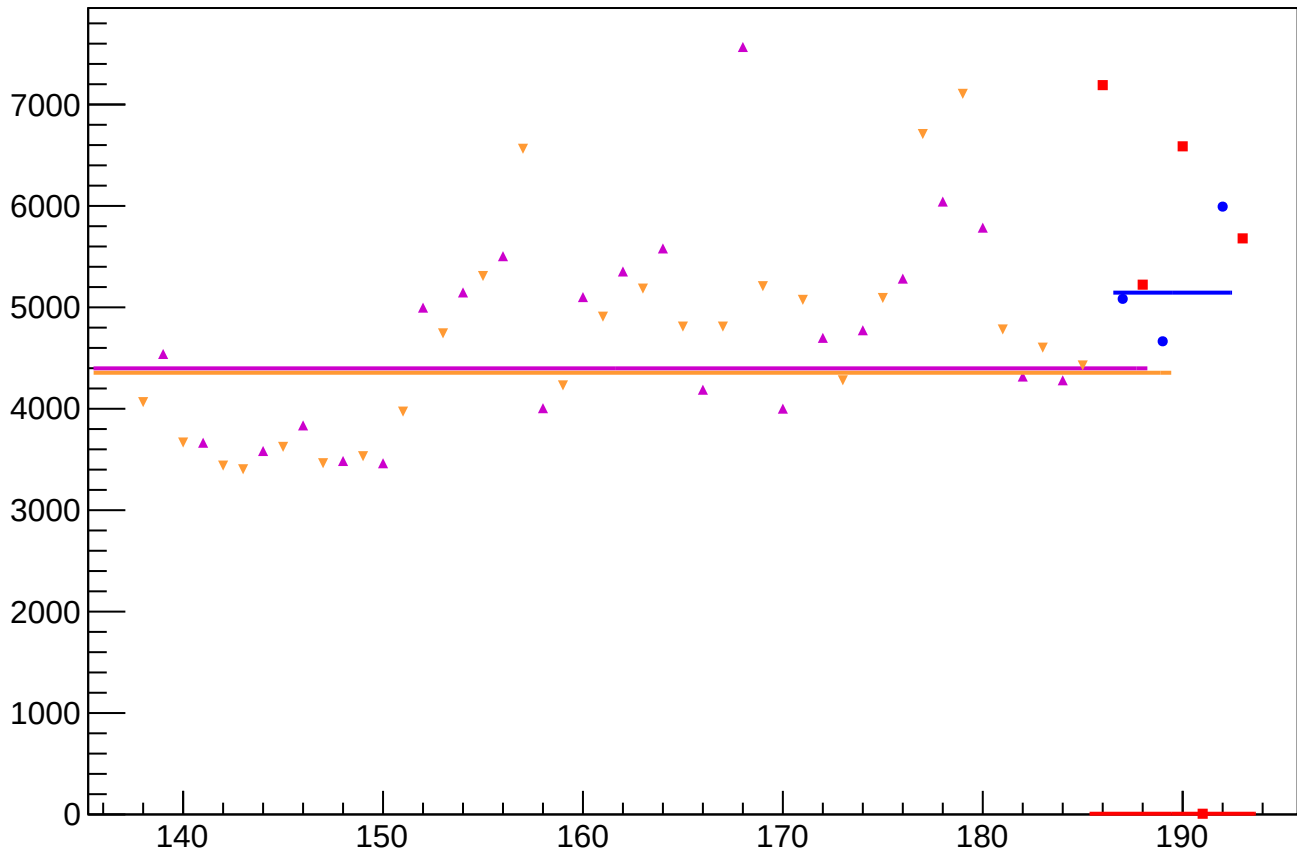
Left In: 10.945 $\pm$ 1070.258 χ^2 /NDF: 17.2/22

+ sign -944.957 $\pm$ 1022.302 χ^2 /NDF: 29.3/27

All: -31.322 $\pm$ 14.258 χ^2 /NDF: 54.8/55

- sign -31.144 $\pm$ 14.260 χ^2 /NDF: 24.6/27

asym_atr_dd_correction_rms vs Slug



Right In: 5145.002 $\pm$ 3.614 χ^2 /NDF: 26713.5/2

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

+ sign 4386.805 $\pm$ 0.723 χ^2 /NDF: 1423060.1/27

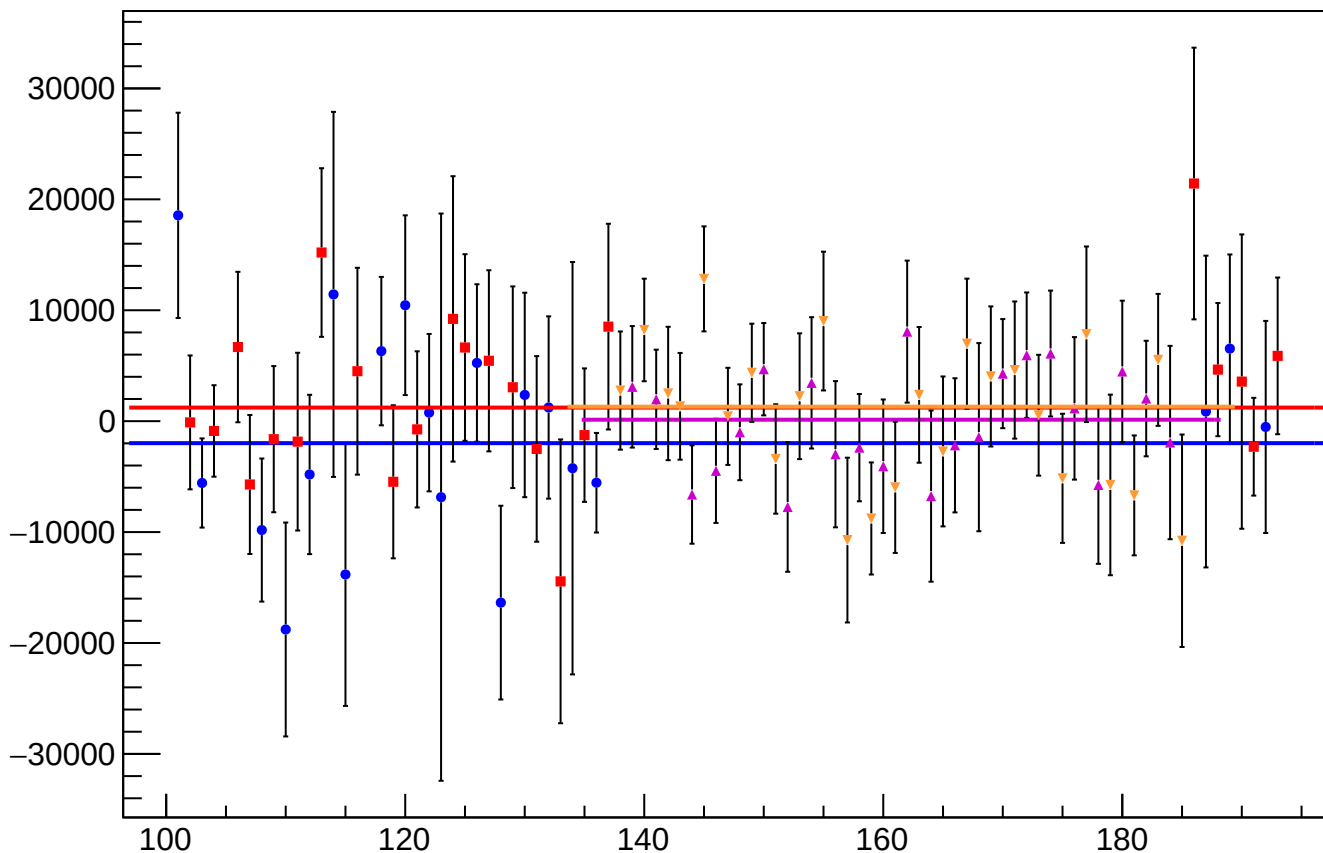
Right Out: 7.150 $\pm$ 0.010 χ^2 /NDF: 4578567.7/4

All: 8.781 $\pm$ 0.010 χ^2 /NDF: 77630694.4/55

- sign 7.929 $\pm$ 0.010 χ^2 /NDF: 39520621.0/27

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

asym_atr_dd_mean vs Slug



Right In: -1981.993 ± 1716.366 $\chi^2/\text{NDF}: 22.0/19$

Left Out: 1306.805 ± 1131.617 $\chi^2/\text{NDF}: 28.1/24$

Right Out: 1224.500 ± 1473.426 $\chi^2/\text{NDF}: 14.8/22$

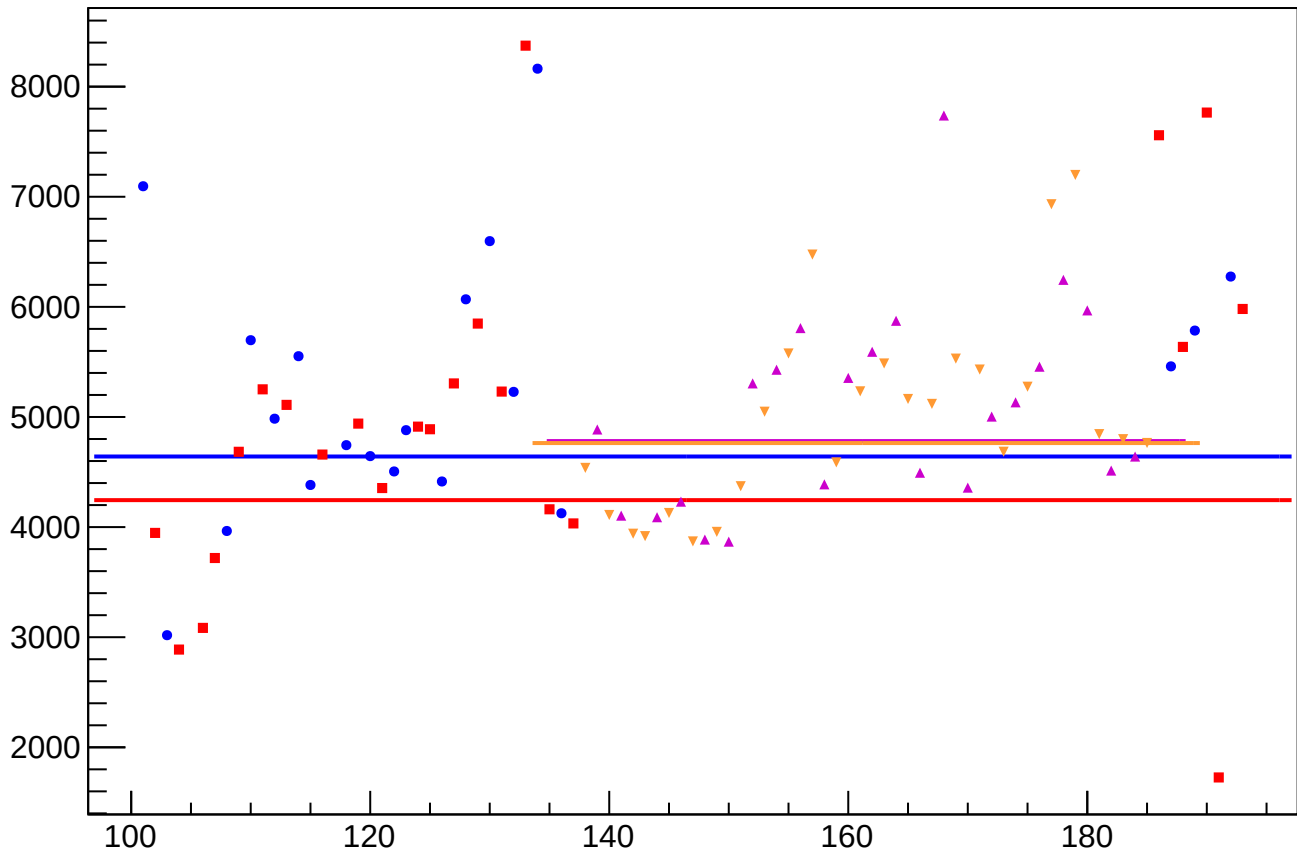
Left In: 131.428 ± 1157.282 $\chi^2/\text{NDF}: 14.9/22$

+ sign 310.347 ± 944.758 $\chi^2/\text{NDF}: 52.7/44$

All: 433.857 ± 655.454 $\chi^2/\text{NDF}: 82.7/90$

- sign 548.475 ± 910.115 $\chi^2/\text{NDF}: 30.0/45$

asym_atr_dd_rms vs Slug



Right In: 4641.095 $\pm$ 1.214 χ^2 /NDF: 881029.4/19

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

+ sign 4726.197 $\pm$ 0.668 χ^2 /NDF: 1829940.5/44

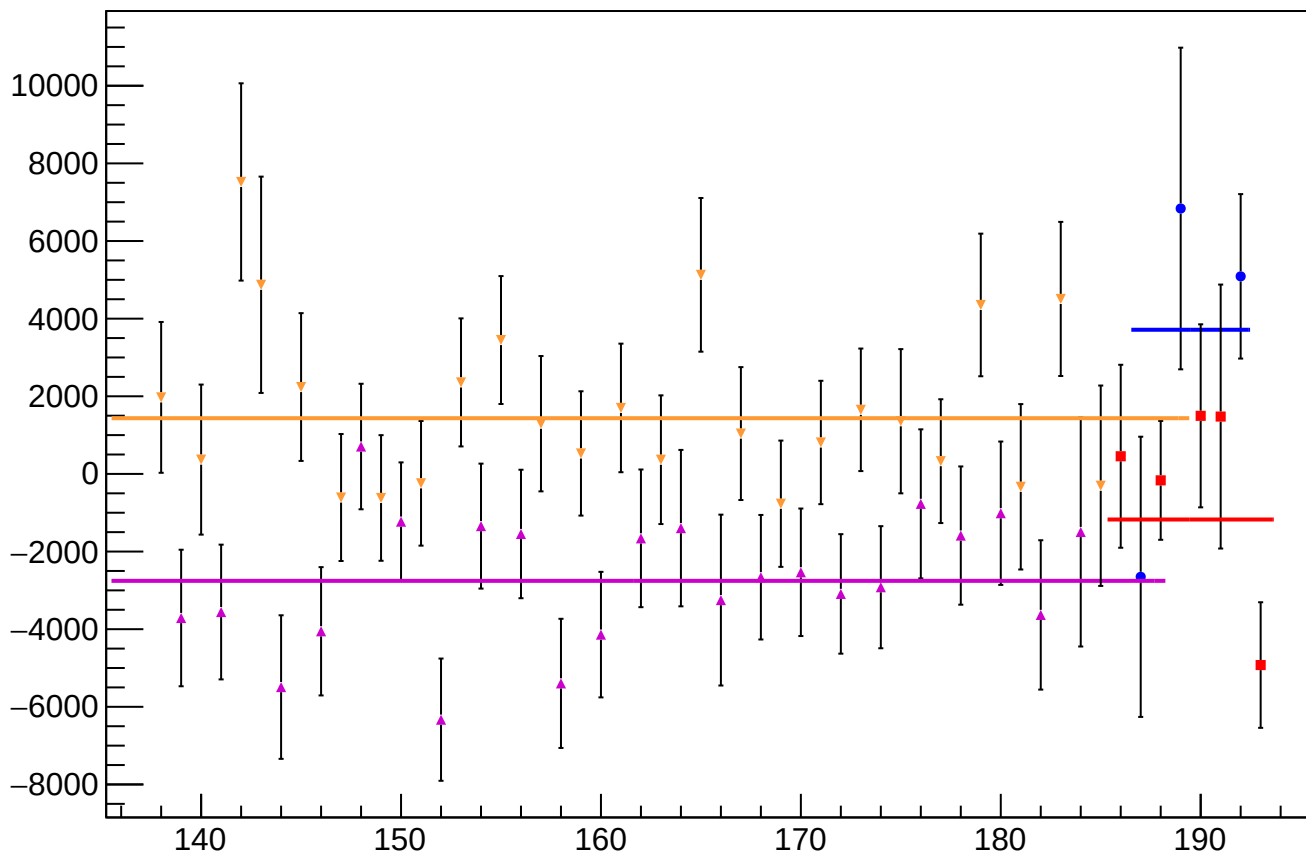
Right Out: 4244.817 $\pm$ 1.037 χ^2 /NDF: 1914665.5/22

All: 4647.893 $\pm$ 0.463 χ^2 /NDF: 4887360.1/90

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

- sign 4575.461 $\pm$ 0.643 χ^2 /NDF: 3030971.7/45

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 3713.894 $\pm$ 1671.704 χ^2 /NDF: 4.1/2

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

Right Out: -1174.176 $\pm$ 892.623 χ^2 /NDF: 8.2/4

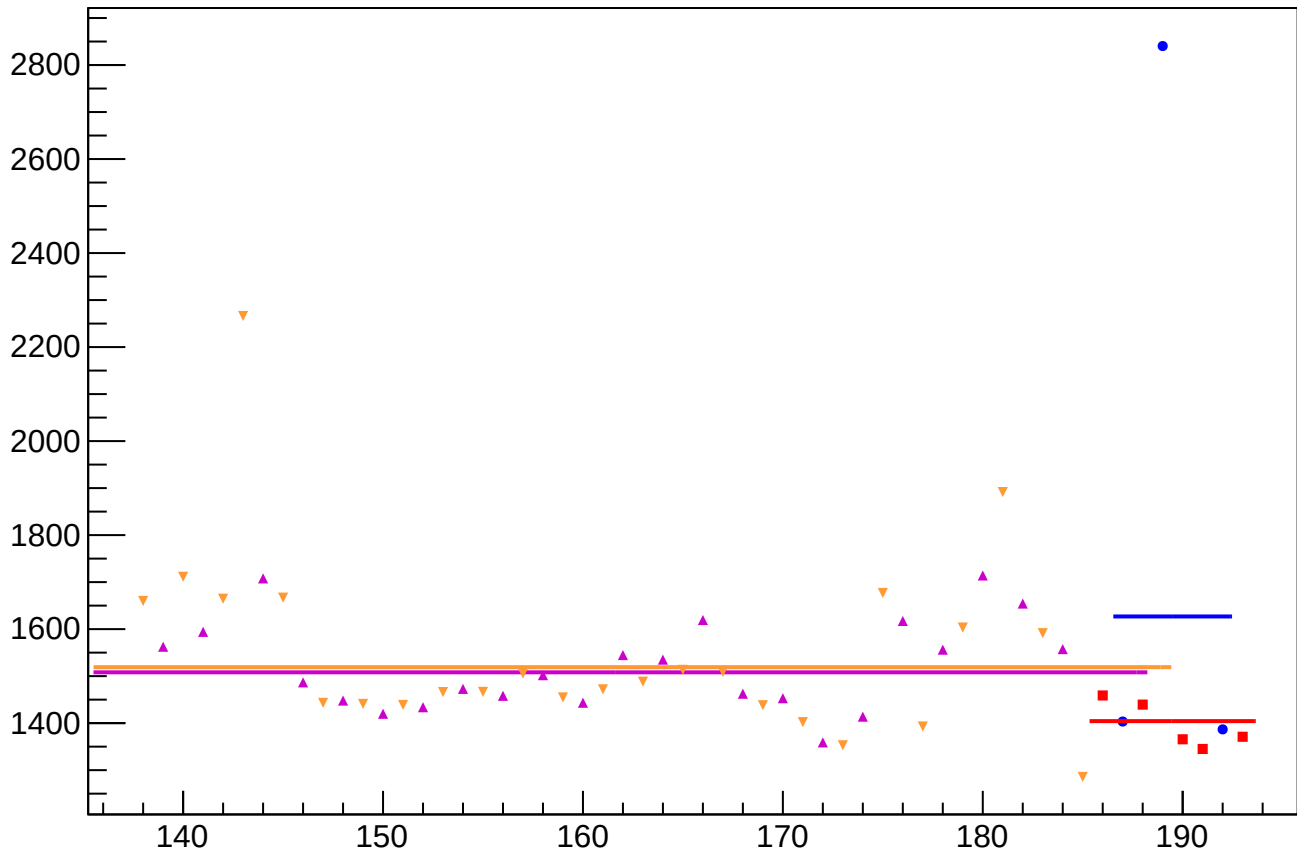
Left In: -2754.889 $\pm$ 361.672 χ^2 /NDF: 22.4/22

+ sign 1535.507 $\pm$ 350.229 χ^2 /NDF: 32.6/27

All: -587.368 $\pm$ 242.162 χ^2 /NDF: 136.2/55

- sign -2531.979 $\pm$ 335.202 χ^2 /NDF: 33.2/27

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1626.950 $\pm$ 1.182 χ^2 /NDF: 204916.1/2

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

Right Out: 1404.299 $\pm$ 0.631 χ^2 /NDF: 4114.6/4

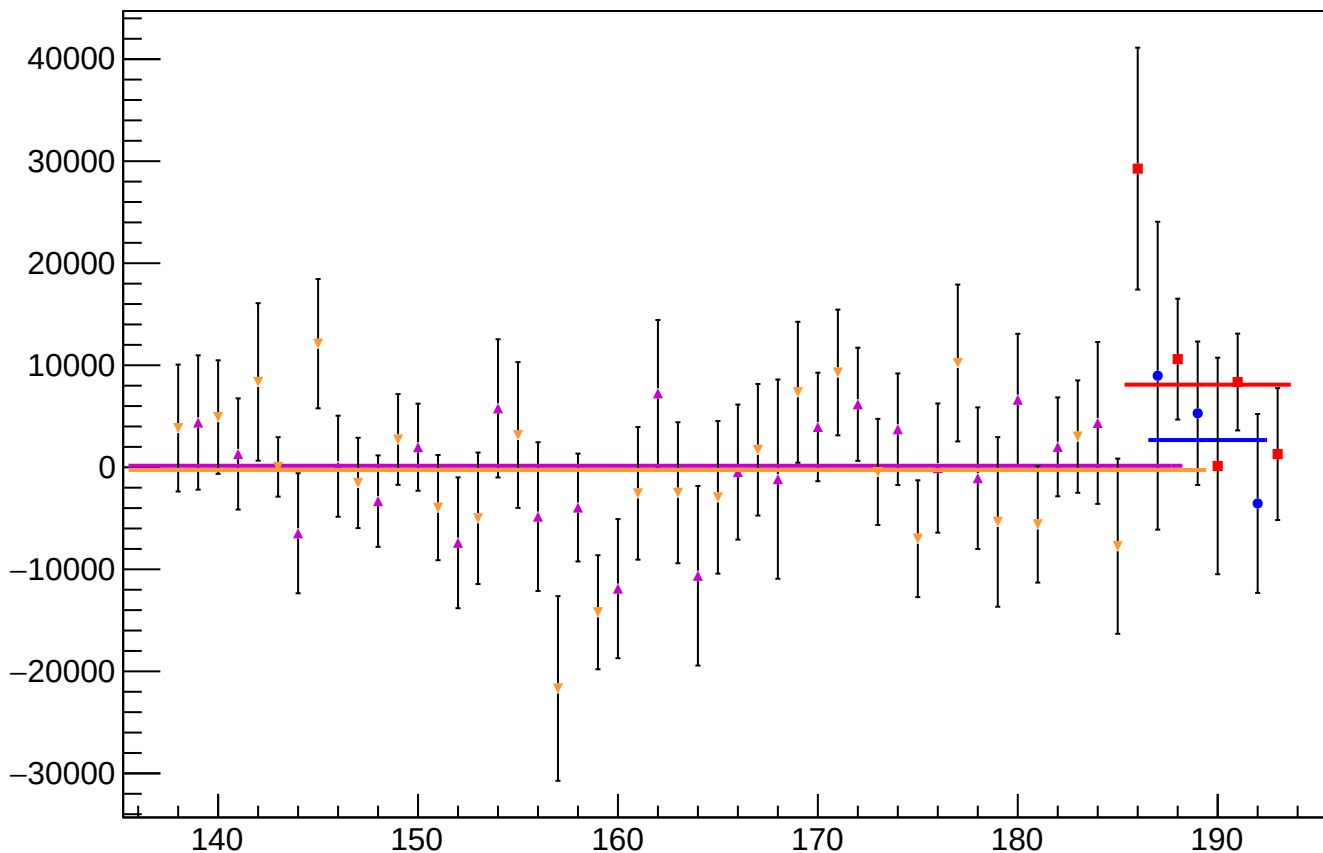
Left In: 1508.111 $\pm$ 0.256 χ^2 /NDF:131488.7/22

+ sign 1523.826 $\pm$ 0.248 χ^2 /NDF: 578715.3/27

All: 1507.984 $\pm$ 0.171 χ^2 /NDF: 745396.3/55

- sign 1493.472 $\pm$ 0.237 χ^2 /NDF: 158840.0/27

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 2669.057+/-5154.499 χ^2/NDF : 0.8/2

Left Out: -264.324+/-1151.119 χ^2/NDF :29.7/24

Right Out: 8097.455+/-2975.536 χ^2/NDF : 5.0/4

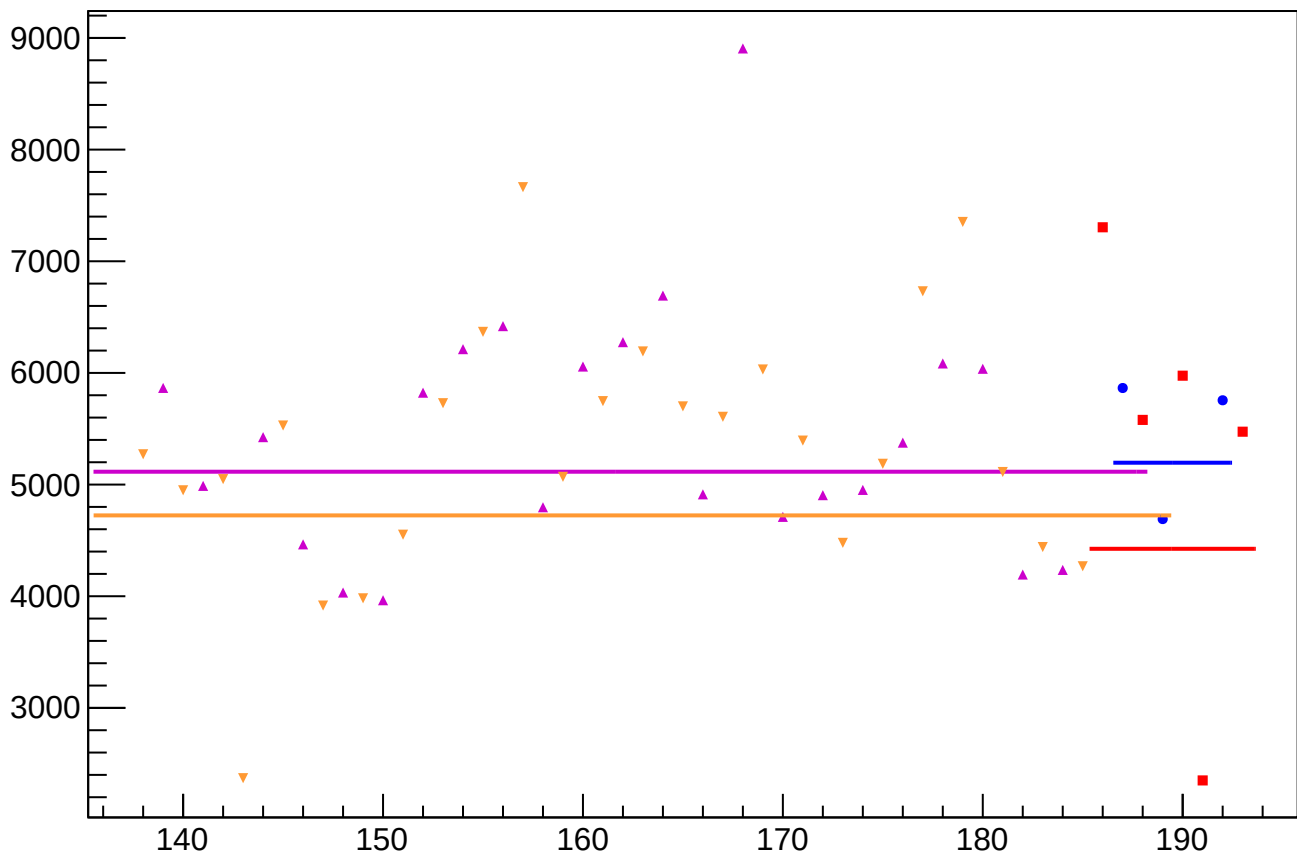
Left In: 151.239+/-1241.800 χ^2/NDF :14.9/22

+ sign -124.976+/-1123.445 χ^2/NDF : 30.8/27

All: 588.019+/-802.252 χ^2/NDF : 57.6/55

- sign 1329.936+/-1146.004 χ^2/NDF : 26.0/27

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 5195.814 $\pm$ 3.645 χ^2 /NDF: 22377.0/2

Left Out: 4724.027 $\pm$ 0.814 χ^2 /NDF: 2537532.1/24

Right Out: 4424.832 $\pm$ 2.104 χ^2 /NDF: 672288.9/4

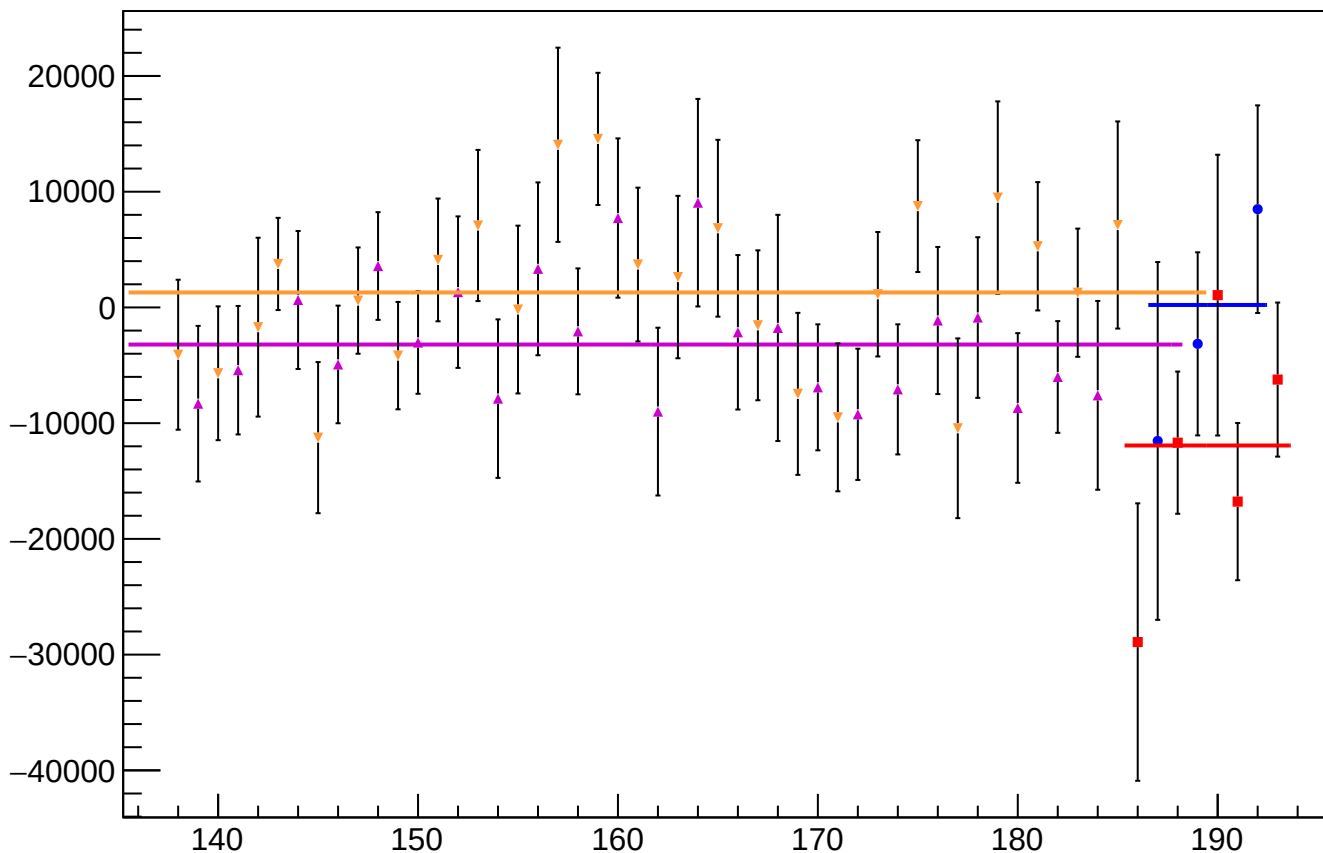
Left In: 5115.139 $\pm$ 0.878 χ^2 /NDF: 1131347.2/22

+ sign 4746.439 $\pm$ 0.794 χ^2 /NDF: 2575868.4/27

All: 4876.944 $\pm$ 0.567 χ^2 /NDF: 4526252.2/55

- sign 5012.743 $\pm$ 0.810 χ^2 /NDF: 1895311.5/27

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 213.783+/-5538.861 χ^2/NDF : 1.6/2

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

Right Out: -11929.169+/-3440.529 χ^2/NDF : 4.4/4

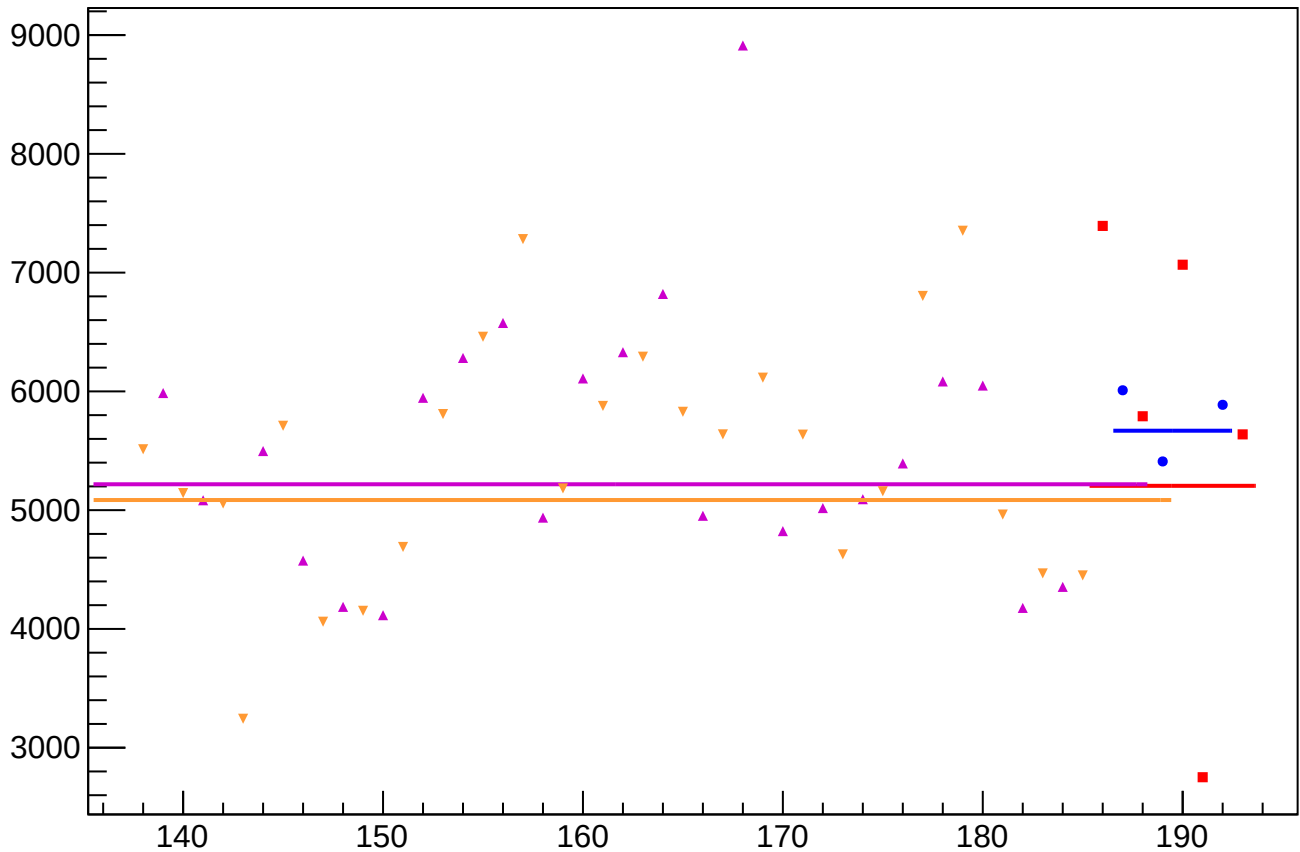
Left In: -3205.363+/-1265.586 χ^2/NDF : 13.9/22

+ sign 1242.675+/-1187.492 χ^2/NDF : 29.5/27

All: -1500.558+/-839.784 χ^2/NDF : 64.1/55

- sign -4245.102+/-1187.776 χ^2/NDF : 23.9/27

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 5668.922 $\pm$ 3.917 χ^2 /NDF: 4291.4/2

Left Out: 5085.307 $\pm$ 0.860 χ^2 /NDF: 1356698.4/24

Right Out: 5204.904 $\pm$ 2.433 χ^2 /NDF: 401281.0/4

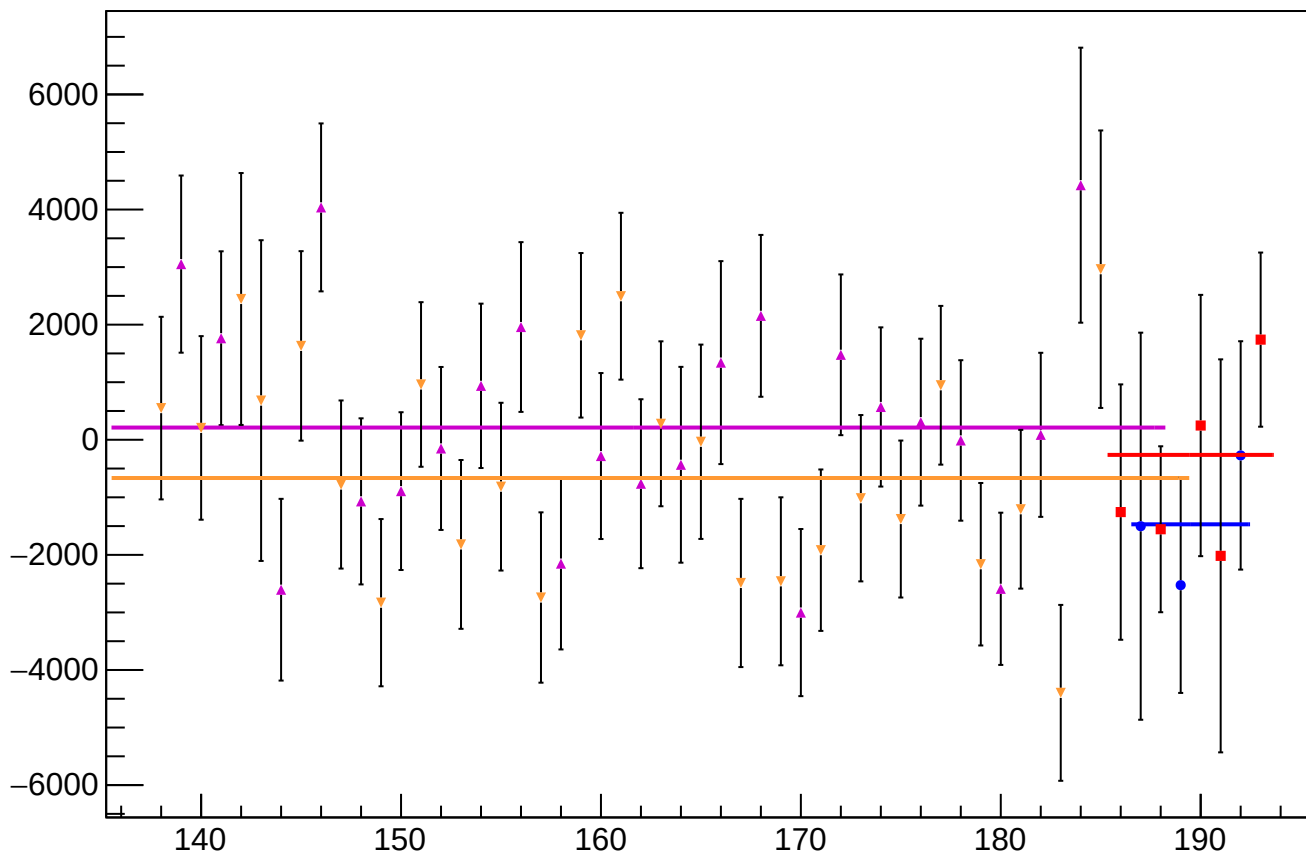
Left In: 5217.971 $\pm$ 0.895 χ^2 /NDF: 1058996.1/22

+ sign 5112.132 $\pm$ 0.840 χ^2 /NDF: 1382173.7/27

All: 5164.261 $\pm$ 0.594 χ^2 /NDF: 2850186.2/55

- sign 5216.414 $\pm$ 0.840 χ^2 /NDF: 1460302.5/27

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1469.041 $\pm$ 1262.310 χ^2 /NDF: 0.7/2

Left Out: -664.362 $\pm$ 305.119 χ^2 /NDF:34.6/24

Right Out: -262.905 $\pm$ 844.820 χ^2 /NDF: 3.1/4

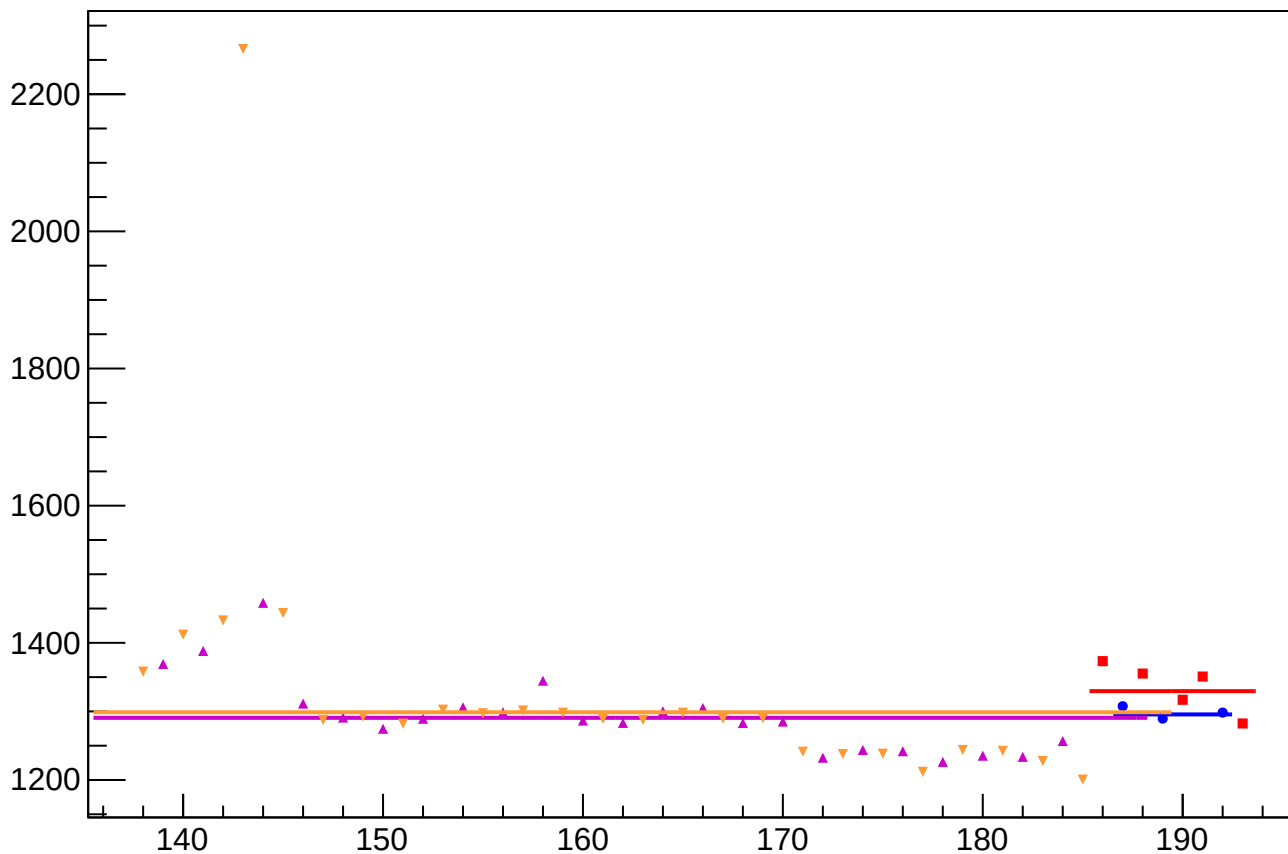
Left In: 212.071 $\pm$ 308.597 χ^2 /NDF:36.6/22

+ sign -708.781 $\pm$ 296.578 χ^2 /NDF: 35.7/27

All: -266.412 $\pm$ 207.298 χ^2 /NDF: 80.0/55

- sign 156.155 $\pm$ 289.864 χ^2 /NDF: 40.0/27

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1295.616 $\pm$ 0.893 χ^2 /NDF: 50.2/2

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

Right Out: 1329.560 $\pm$ 0.597 χ^2 /NDF: 3491.7/4

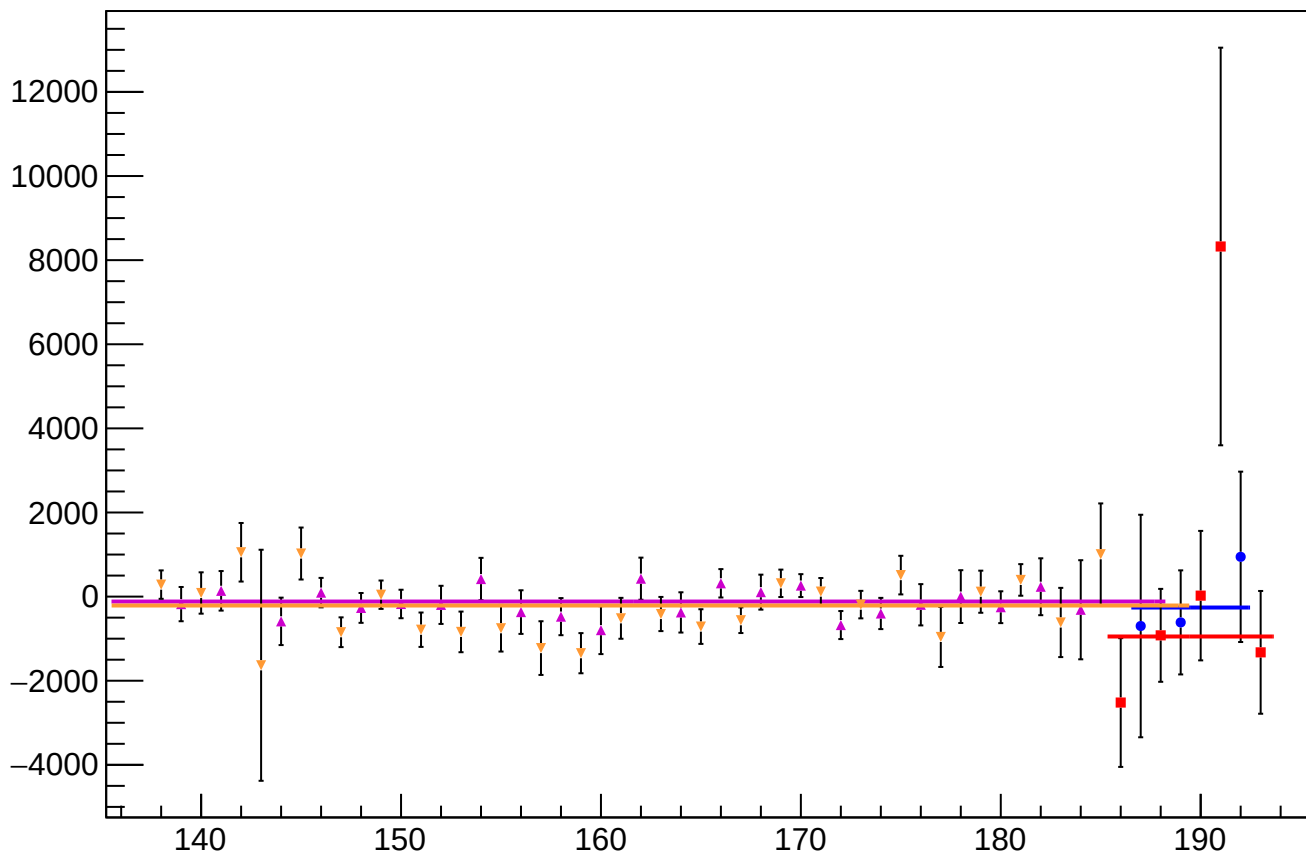
Left In: 1290.644 $\pm$ 0.218 χ^2 /NDF: 59427.8/22

+ sign 1298.571 $\pm$ 0.210 χ^2 /NDF: 310406.6/27

All: 1296.860 $\pm$ 0.147 χ^2 /NDF: 377200.2/55

- sign 1295.226 $\pm$ 0.205 χ^2 /NDF: 66663.5/27

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -259.534 $\pm$ 980.585 χ^2 /NDF: 0.5/2

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

Right Out: -948.241 $\pm$ 676.843 χ^2 /NDF: 5.4/4

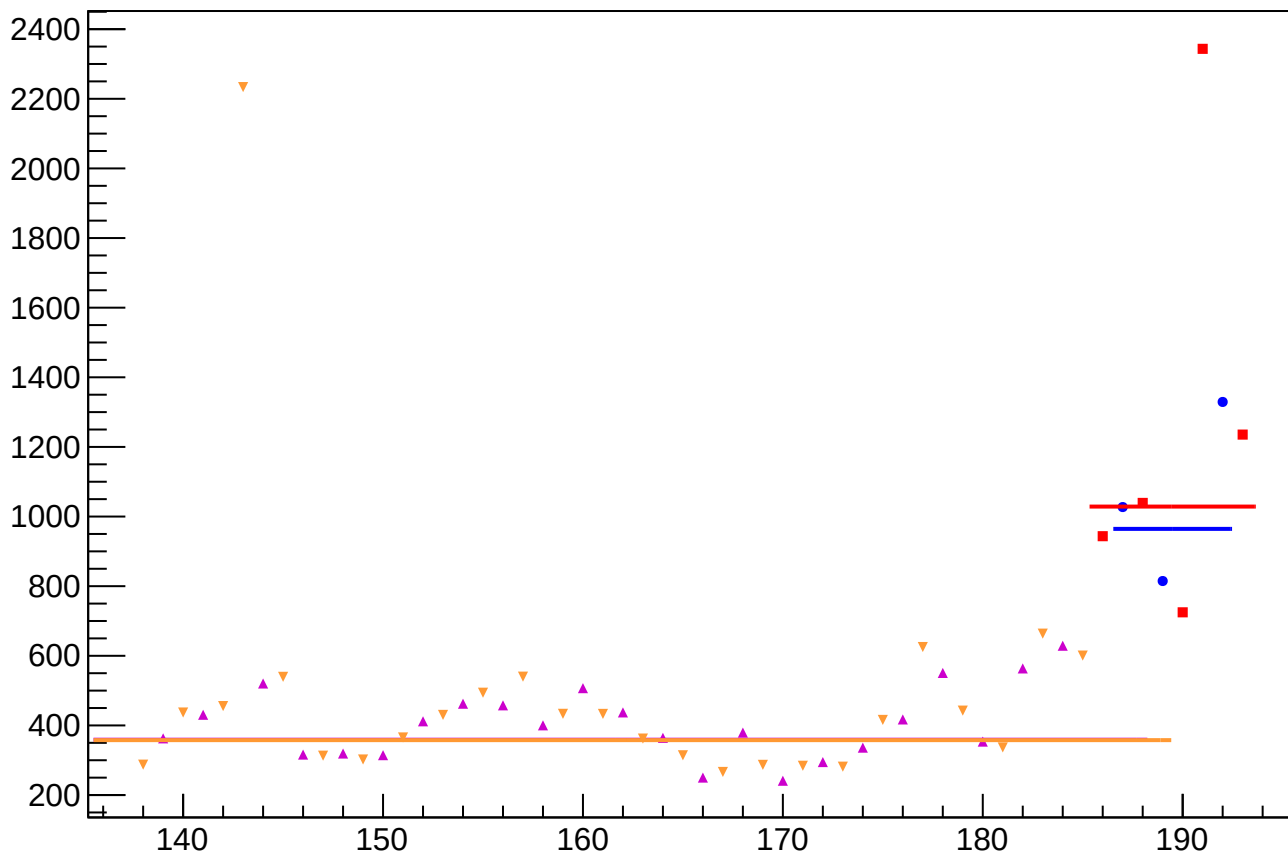
Left In: -117.113 $\pm$ 88.214 χ^2 /NDF:14.3/22

+ sign -212.025 $\pm$ 87.321 χ^2 /NDF: 42.1/27

All: -171.581 $\pm$ 61.800 χ^2 /NDF: 63.7/55

- sign -130.995 $\pm$ 87.474 χ^2 /NDF: 21.2/27

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 964.576 $\pm$ 0.693 χ^2 /NDF: 95261.3/2

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

Right Out: 1028.654 $\pm$ 0.479 χ^2 /NDF: 279142.4/4

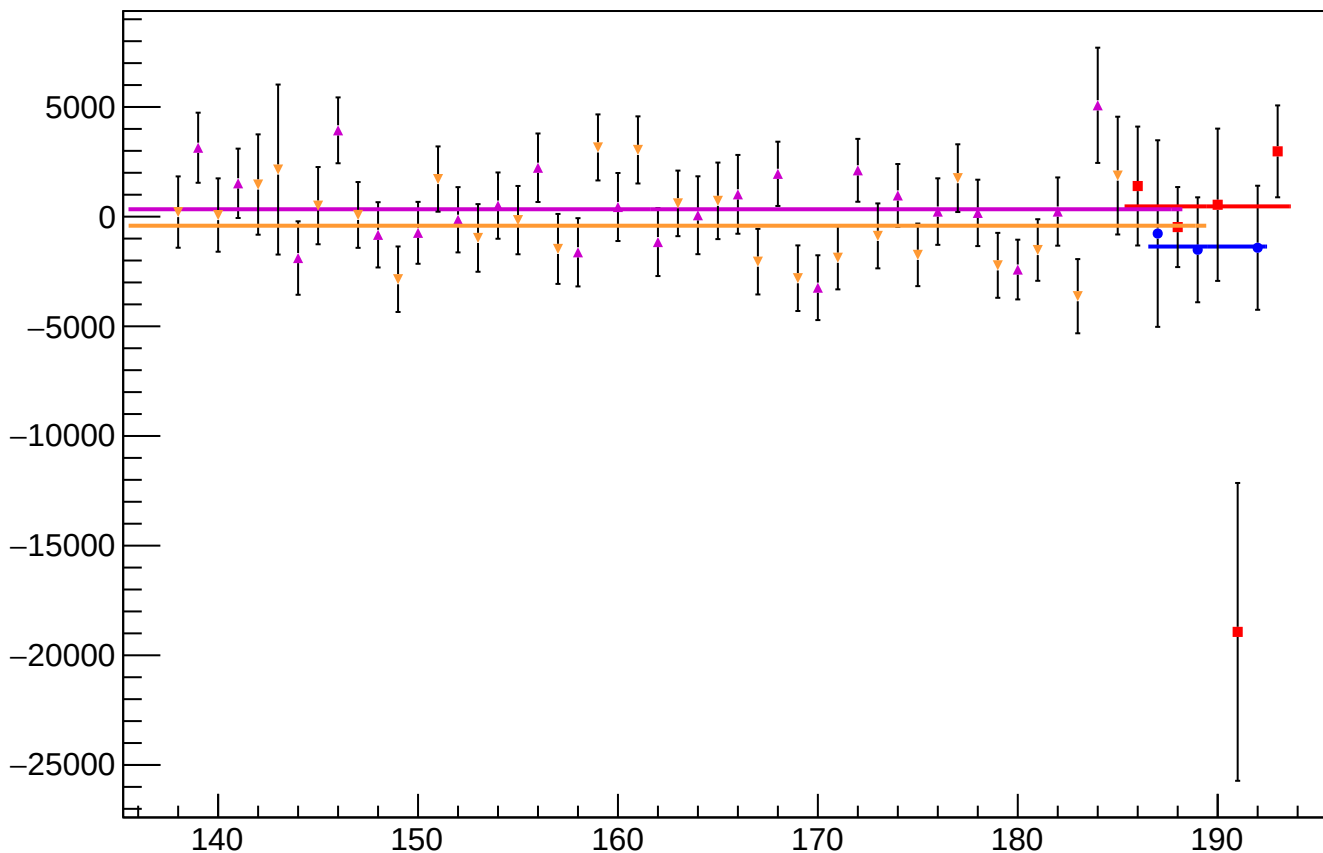
Left In: 359.000 $\pm$ 0.062 χ^2 /NDF:1858849.9/22

+ sign 362.561 $\pm$ 0.062 χ^2 /NDF: 3897171.9/27

All: 366.367 $\pm$ 0.044 χ^2 /NDF: 7967816.8/55

- sign 370.185 $\pm$ 0.062 χ^2 /NDF: 4063035.5/27

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1363.165+/-1678.424 χ^2/NDF : 0.0/2

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

Right Out: 468.073+/-1140.322 χ^2/NDF : 10.0/4

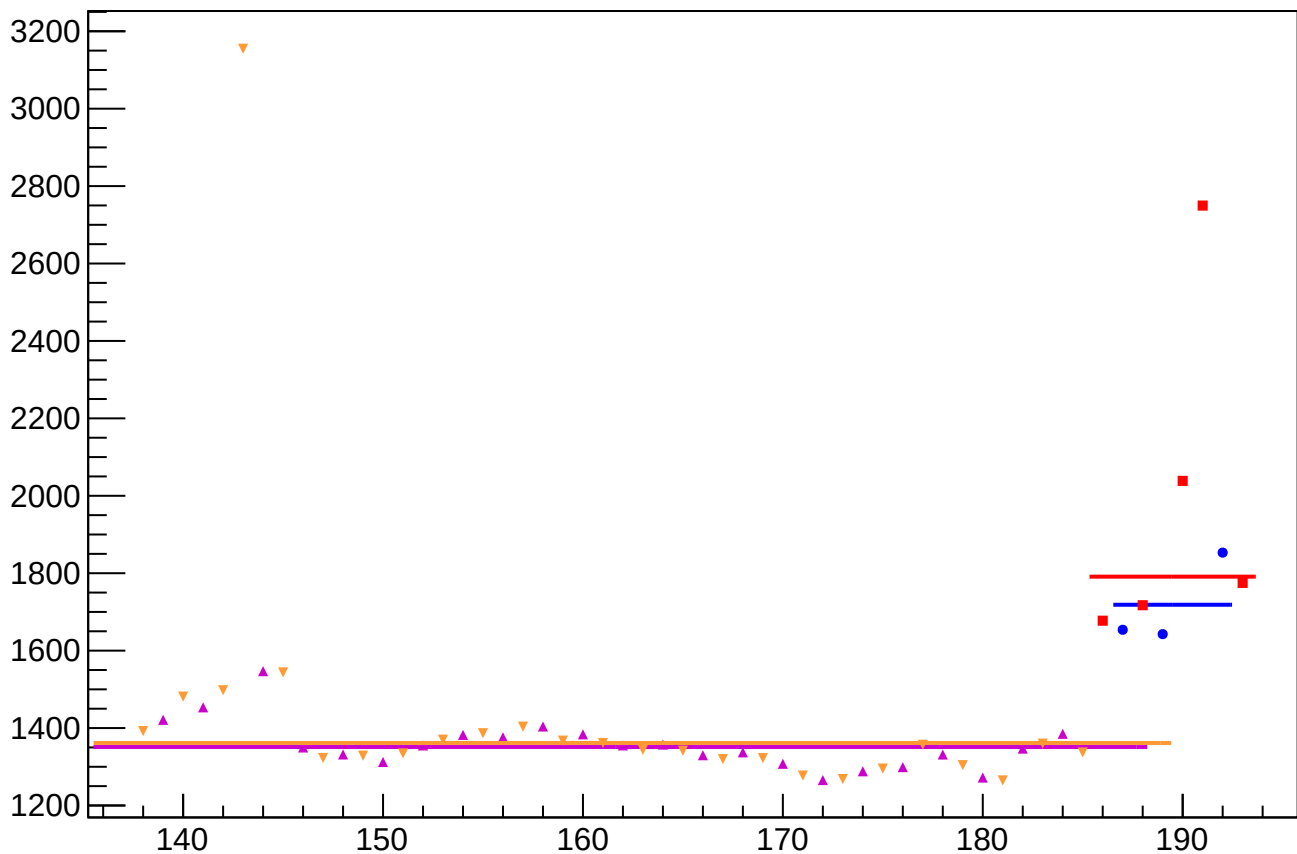
Left In: 337.193+/-323.023 χ^2/NDF : 32.8/22

+ sign -446.855+/-314.979 χ^2/NDF : 33.1/27

All: -44.662+/-221.229 χ^2/NDF : 79.1/55

- sign 346.915+/-310.794 χ^2/NDF : 42.8/27

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1718.548+/-1.187 χ^2/NDF : 7011.7/2

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

Right Out: 1791.123+/-0.806 χ^2/NDF : 56941.1/4

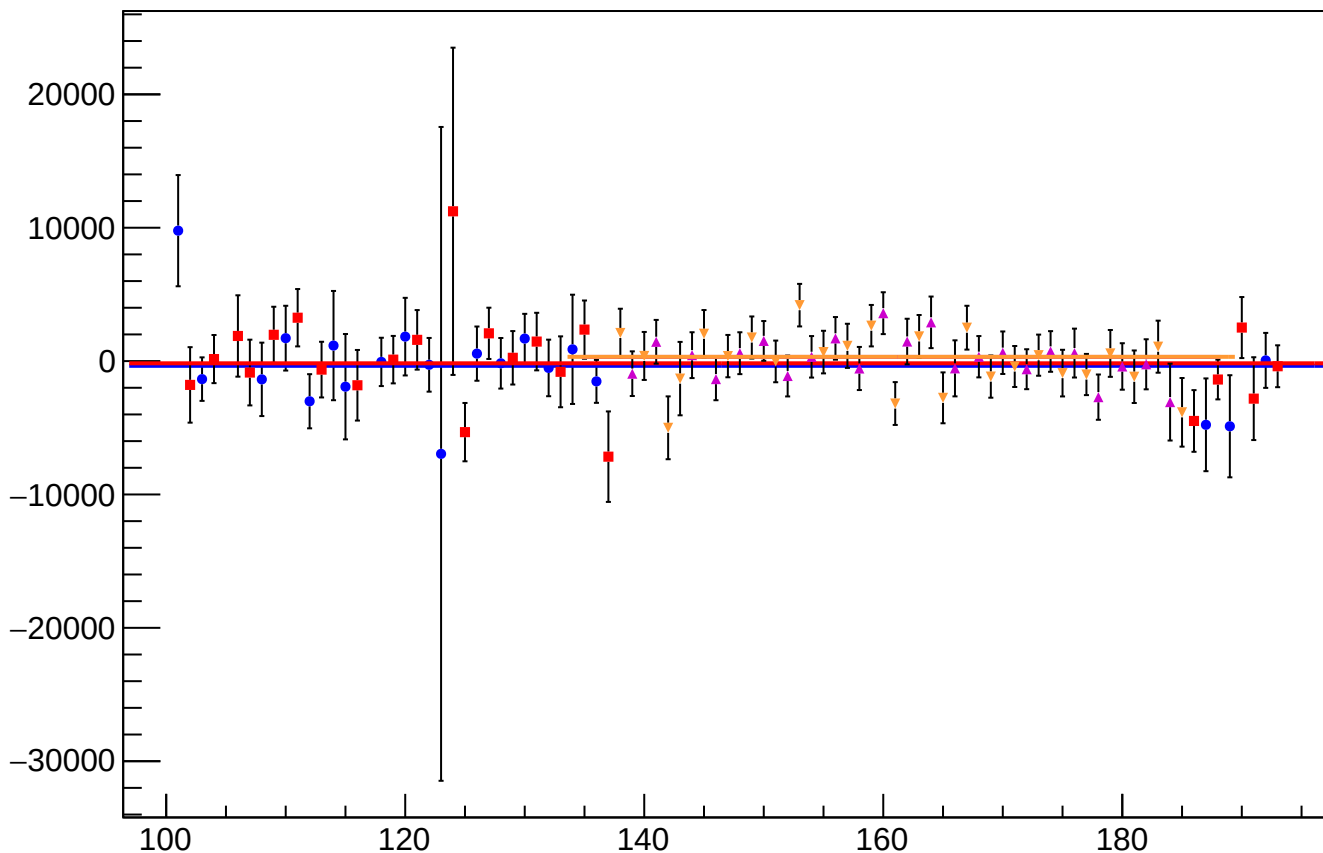
Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

+ sign 1374.085+/-0.223 χ^2/NDF : 602195.3/27

All: 1378.959+/-0.156 χ^2/NDF : 1004848.8/55

- sign 1383.705+/-0.220 χ^2/NDF : 401708.1/27

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -353.063 ± 524.370 χ^2/NDF : 14.9/19

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

Right Out: -165.339 ± 458.259 χ^2/NDF : 25.9/22

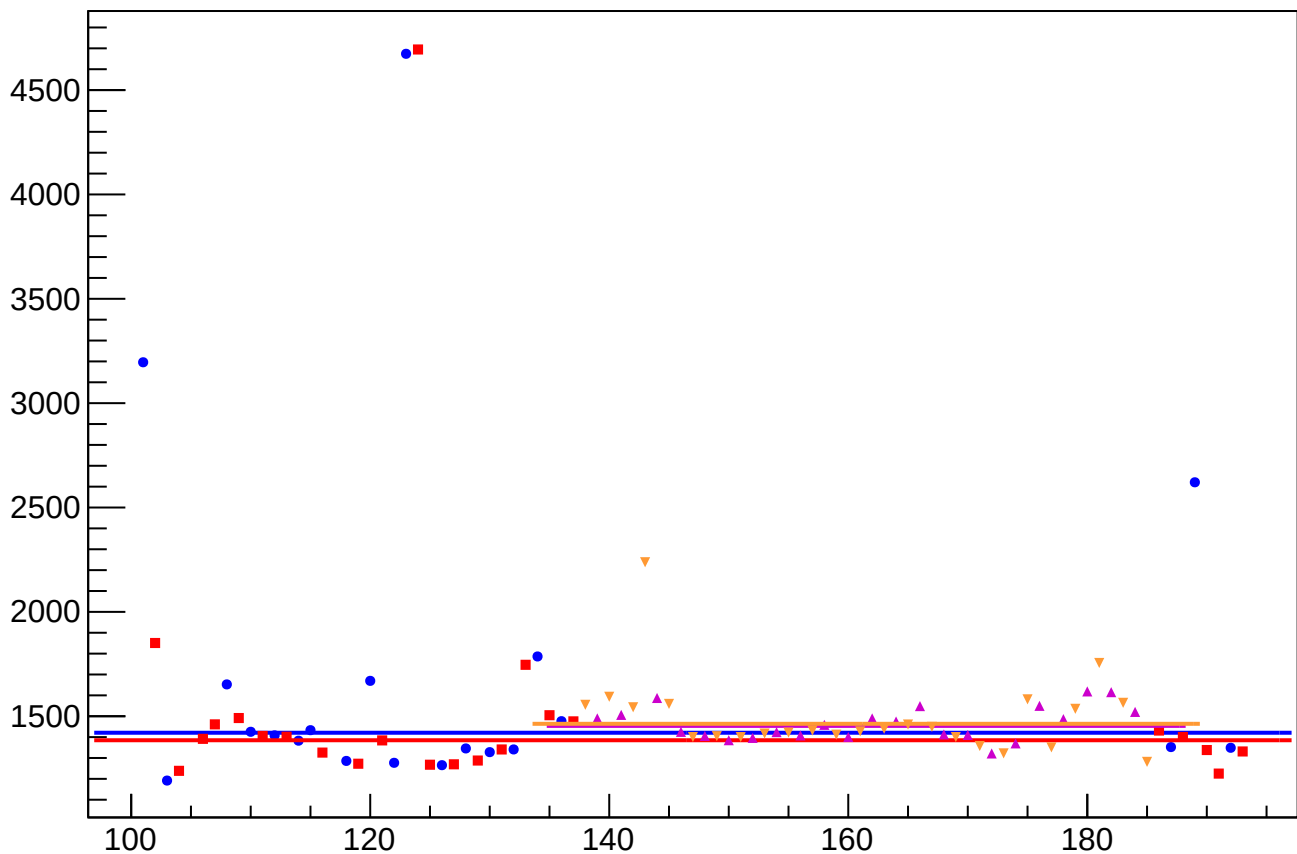
Left In: 310.833 ± 348.292 χ^2/NDF : 16.8/22

+ sign 117.001 ± 288.005 χ^2/NDF : 48.5/44

All: 127.112 ± 199.755 χ^2/NDF : 91.9/90

- sign 136.484 ± 277.292 χ^2/NDF : 43.4/45

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1420.932 $\pm$ 0.371 χ^2 /NDF: 728198.7/19

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

Right Out: 1384.962 $\pm$ 0.324 χ^2 /NDF: 301736.6/22

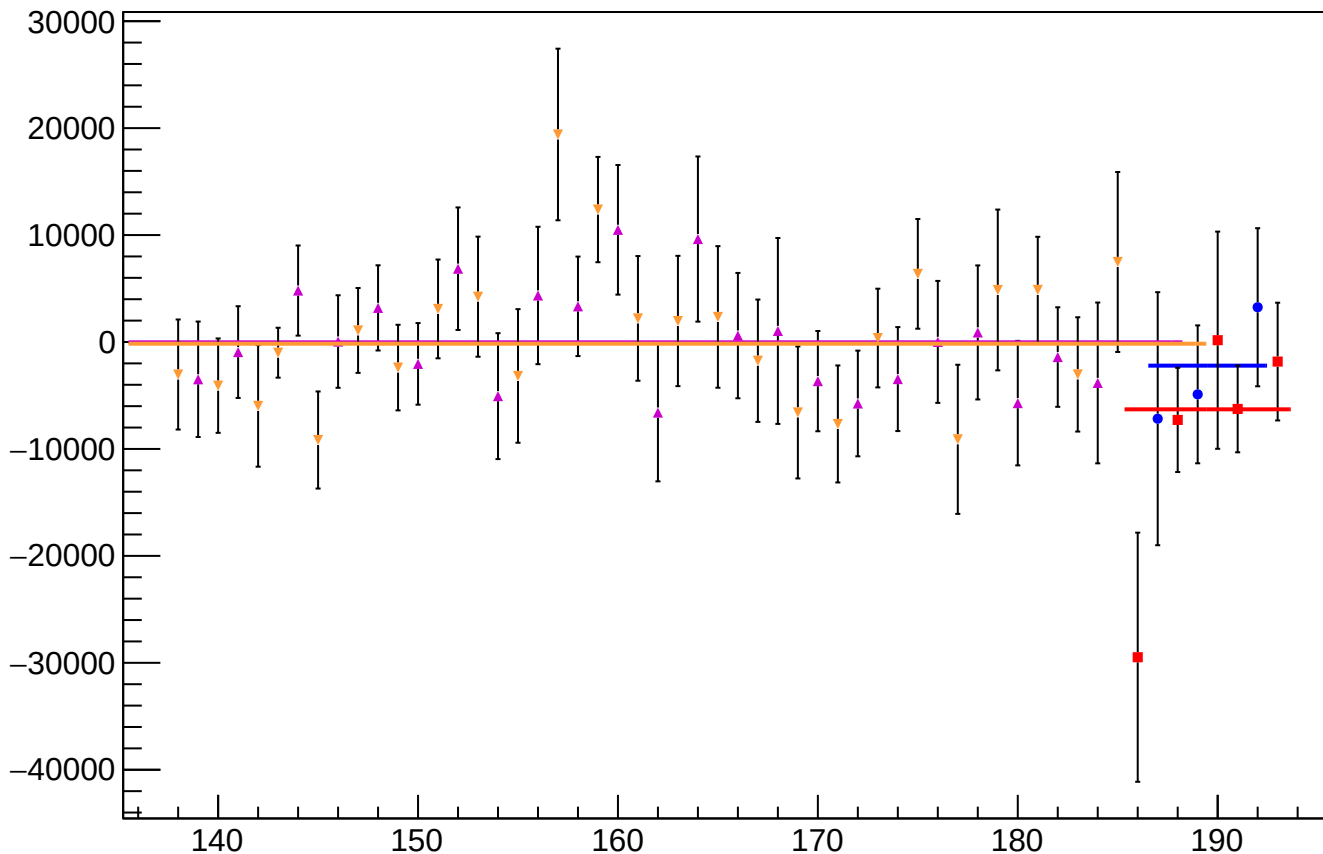
Left In: 1453.763 $\pm$ 0.246 χ^2 /NDF: 99224.2/22

+ sign 1450.808 $\pm$ 0.204 χ^2 /NDF: 1047987.1/44

All: 1439.260 $\pm$ 0.141 χ^2 /NDF: 1483733.0/90

- sign 1428.558 $\pm$ 0.196 χ^2 /NDF: 429550.8/45

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -2211.070+/-4494.893 χ^2/NDF : 0.9/2

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

Right Out: -6296.583+/-2557.625 χ^2/NDF : 5.1/4

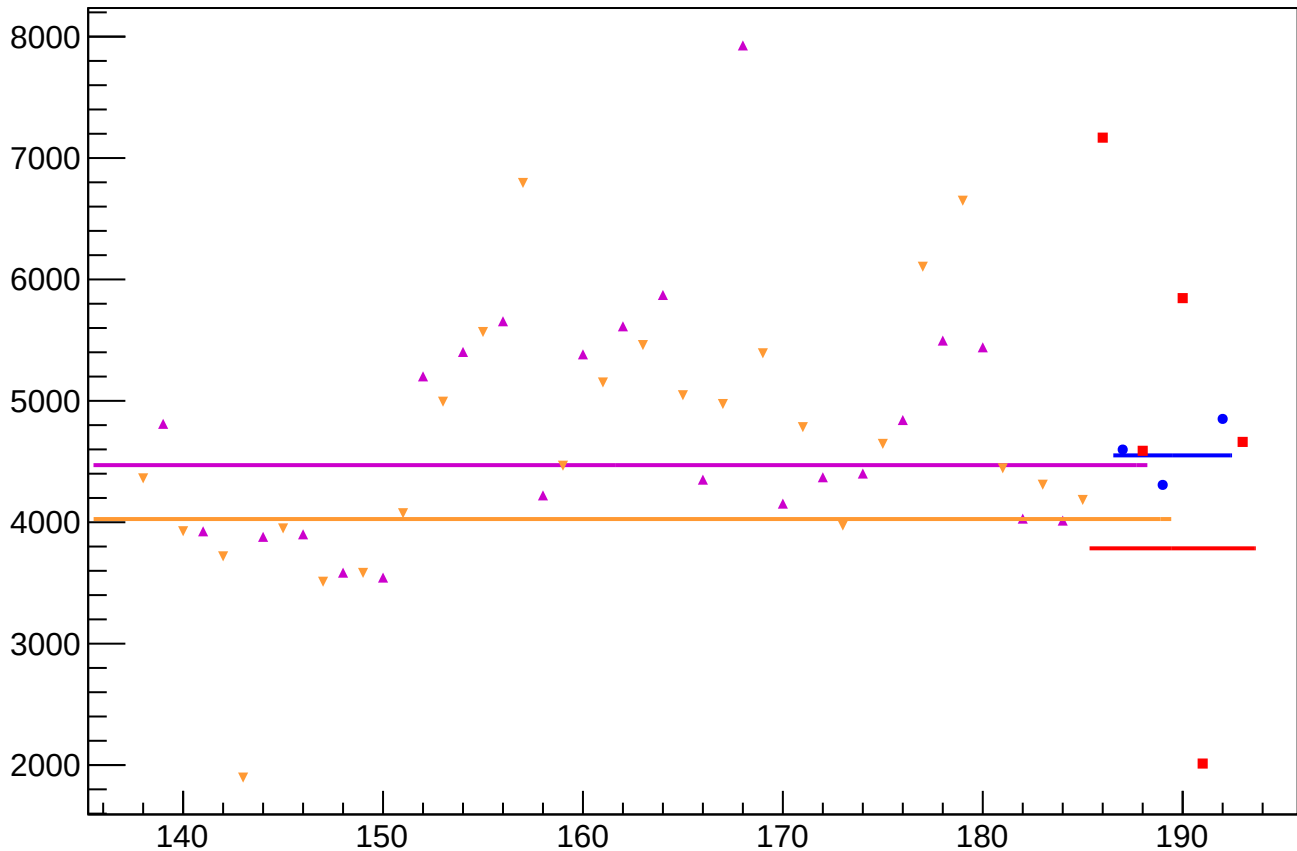
Left In: -26.926+/-1085.415 χ^2/NDF : 15.3/22

+ sign -254.888+/-966.219 χ^2/NDF : 30.8/27

All: -607.116+/-694.575 χ^2/NDF : 56.5/55

- sign -983.772+/-999.162 χ^2/NDF : 25.4/27

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 4550.824 $\pm$ 3.178 χ^2/NDF : 6180.0/2

Left Out: 4026.447 $\pm$ 0.700 χ^2/NDF : 3071265.0/24

Right Out: 3785.202 $\pm$ 1.809 χ^2/NDF : 737746.1/4

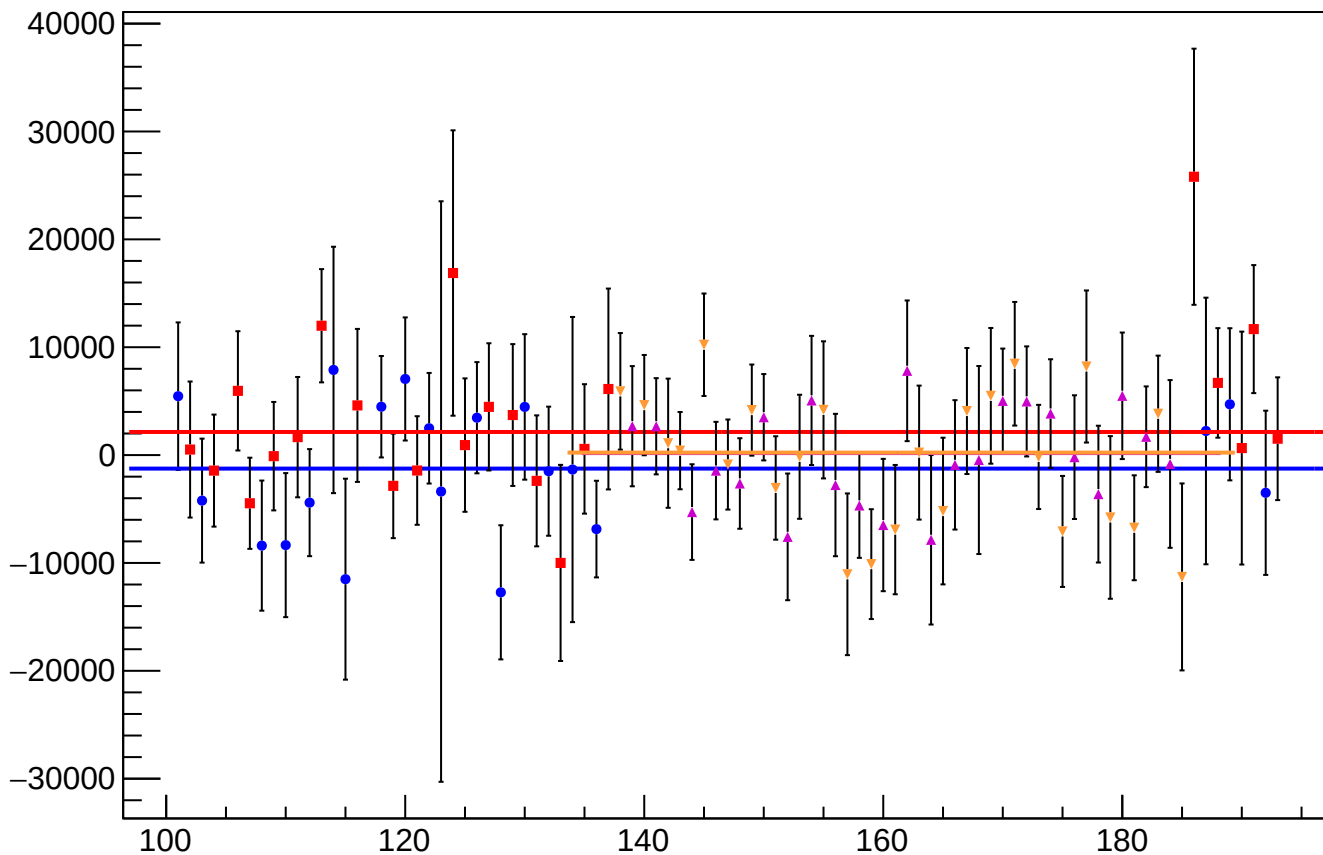
Left In: 4470.490 $\pm$ 0.768 χ^2/NDF : 1132495.2/22

+ sign 4050.677 $\pm$ 0.683 χ^2/NDF : 3103406.8/27

All: 4203.009 $\pm$ 0.491 χ^2/NDF : 5198189.2/55

- sign 4365.905 $\pm$ 0.707 χ^2/NDF : 1991911.4/27

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1253.303+/-1430.202 χ^2/NDF : 17.6/19

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

Right Out: 2142.721+/-1253.007 χ^2/NDF : 20.4/22

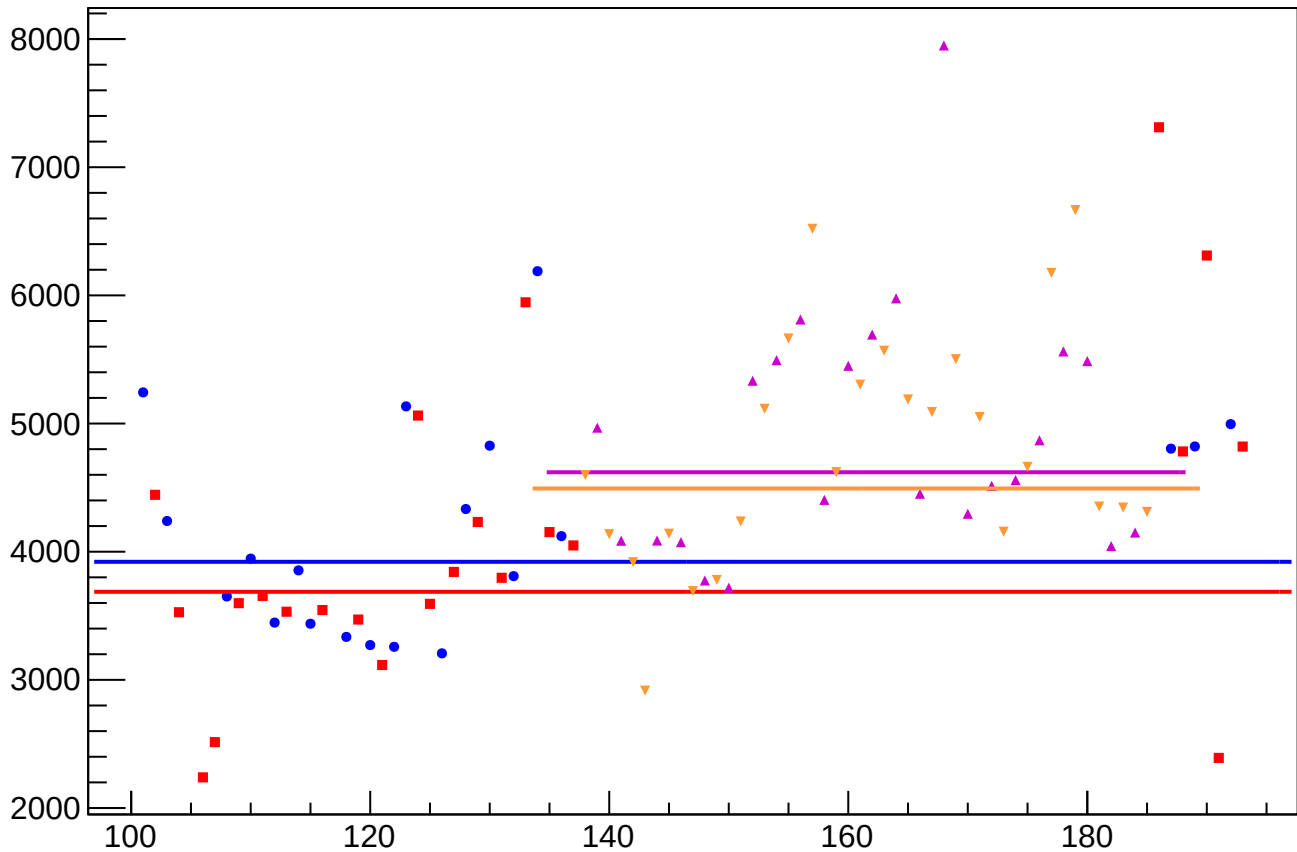
Left In: 185.280+/-1119.296 χ^2/NDF : 14.3/22

+ sign -304.613+/-858.570 χ^2/NDF : 46.4/44

All: 393.815+/-598.500 χ^2/NDF : 83.6/90

- sign 1054.022+/-834.746 χ^2/NDF : 36.0/45

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3921.178+/-1.011 χ^2/NDF : 425126.5/19

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

Right Out: 3687.187+/-0.879 χ^2/NDF : 1144319.7/22

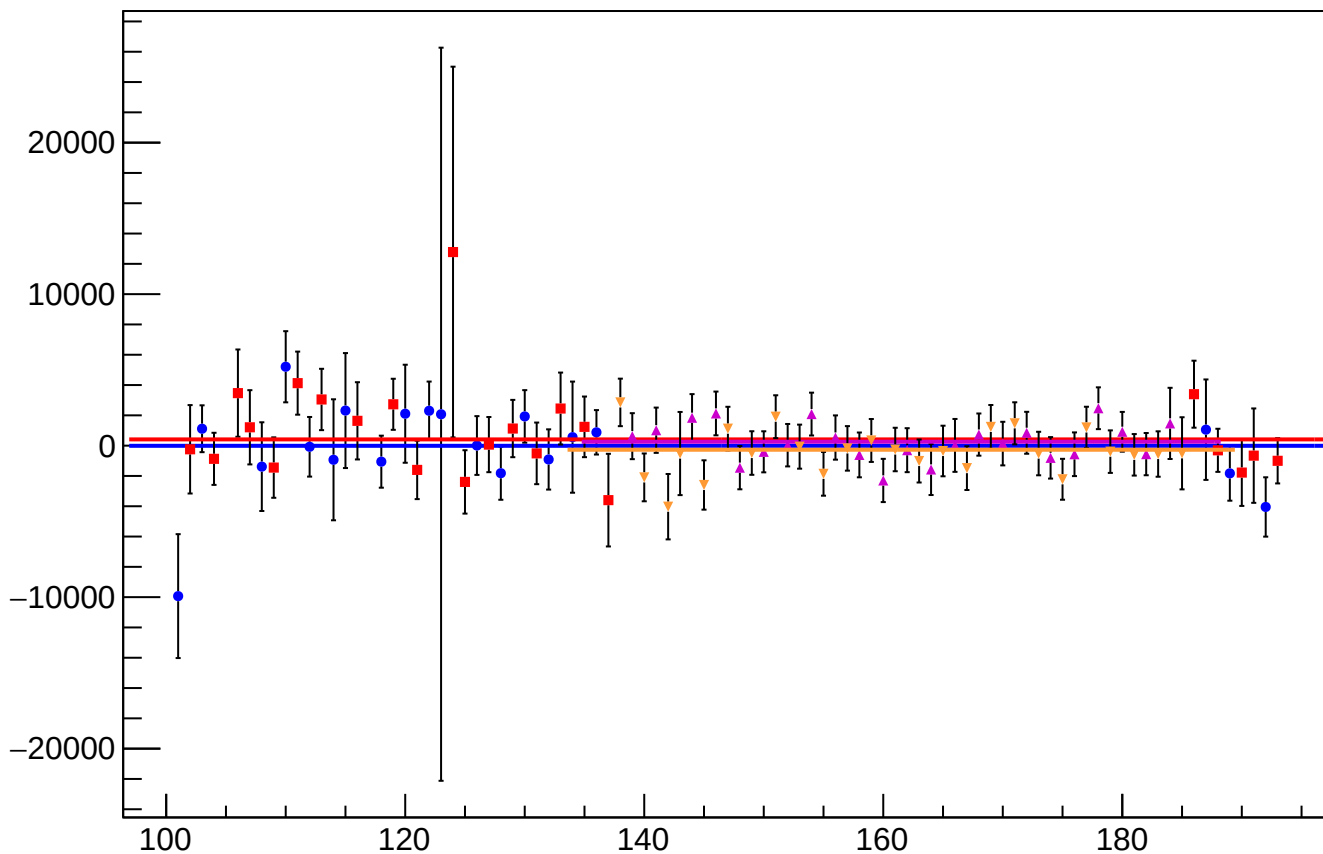
Left In: 4619.952+/-0.791 χ^2/NDF :1001966.3/22

+ sign 4287.123+/-0.607 χ^2/NDF : 1938986.1/44

All: 4243.478+/-0.422 χ^2/NDF : 4716910.1/90

- sign 4202.497+/-0.588 χ^2/NDF : 2767902.4/45

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -10.612 ± 485.293 χ^2/NDF : 22.5/19

Left Out: -270.523 ± 302.030 χ^2/NDF : 22.2/24

Right Out: 412.350 ± 434.658 χ^2/NDF : 20.7/22

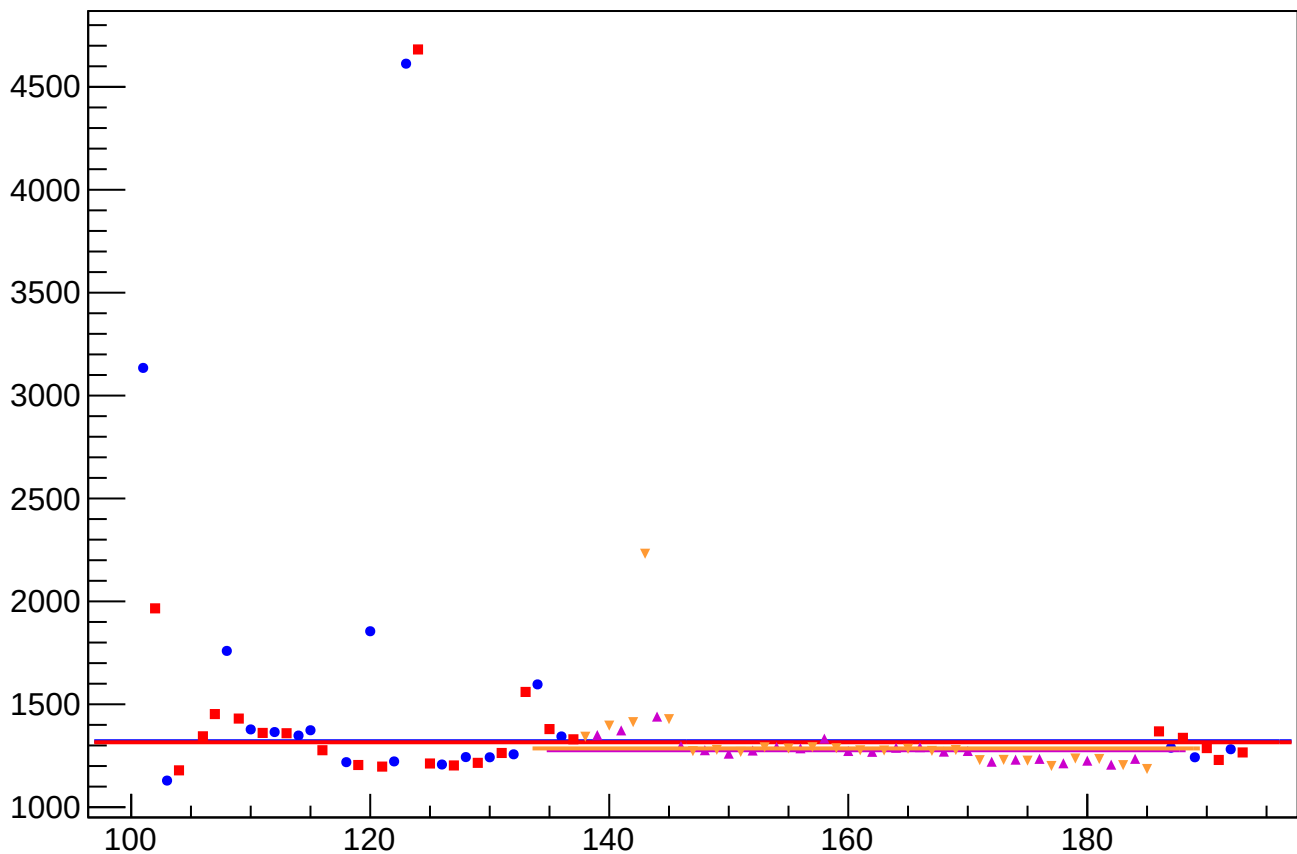
Left In: 258.285 ± 305.289 χ^2/NDF : 16.0/22

+ sign -197.957 ± 256.424 χ^2/NDF : 44.9/44

All: 62.222 ± 178.940 χ^2/NDF : 83.7/90

- sign 309.180 ± 249.825 χ^2/NDF : 36.8/45

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1320.573+/-0.343 χ^2/NDF : 608956.0/19

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

Right Out: 1315.468+/-0.307 χ^2/NDF : 343422.1/22

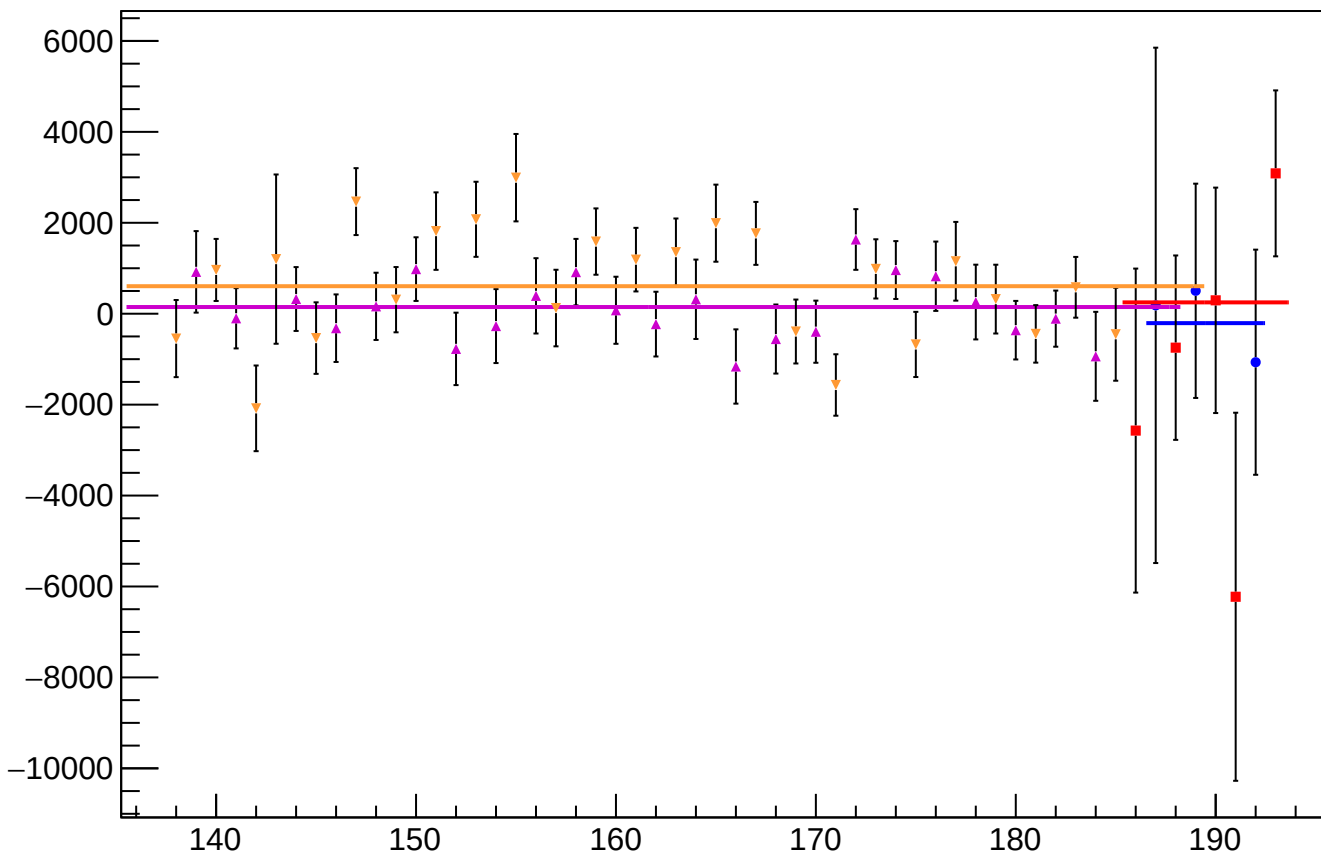
Left In: 1276.755+/-0.216 χ^2/NDF : 59434.2/22

+ sign 1295.346+/-0.181 χ^2/NDF : 922511.4/44

All: 1292.369+/-0.127 χ^2/NDF : 1336517.2/90

- sign 1289.544+/-0.177 χ^2/NDF : 413480.5/45

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: -207.249+/-1634.562 χ^2/NDF : 0.2/2

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

Right Out: 249.239+/-1087.346 χ^2/NDF : 5.8/4

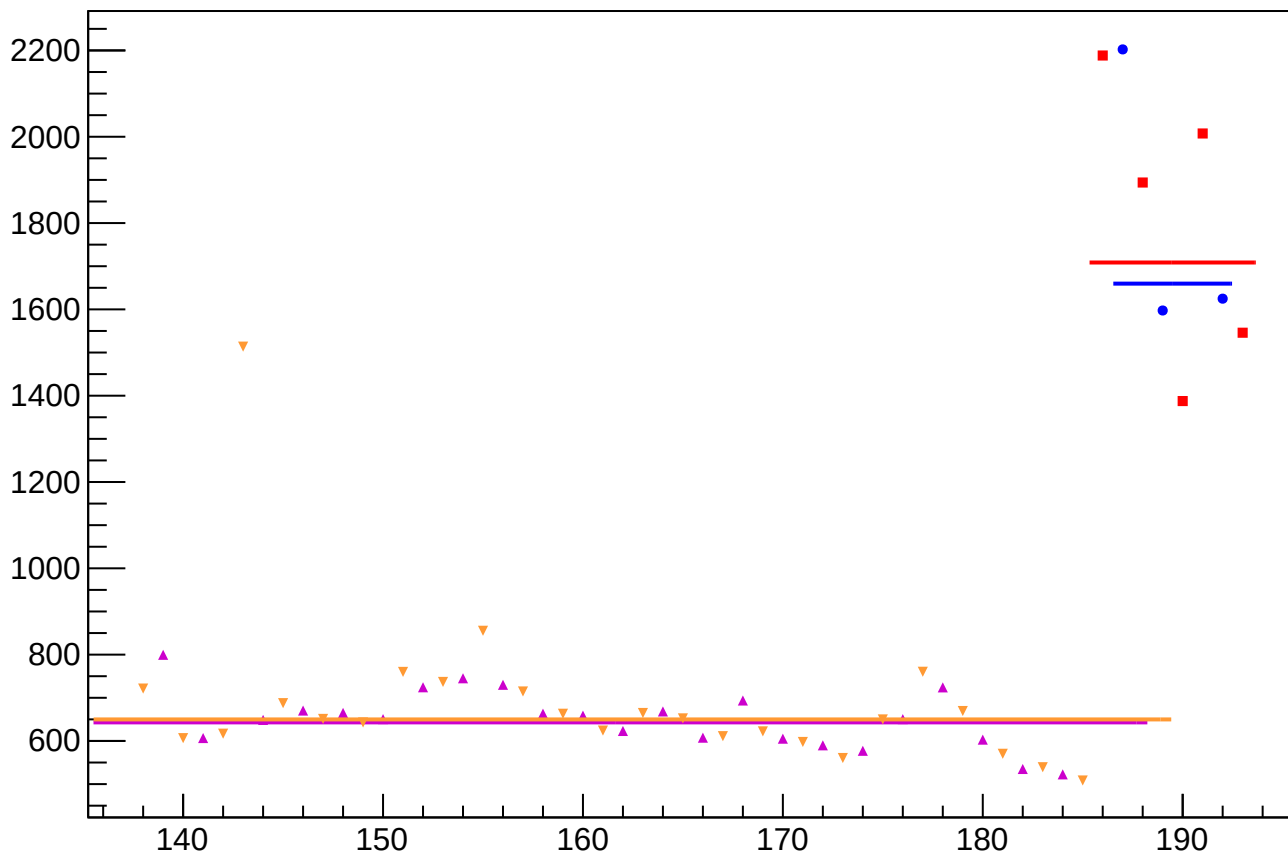
Left In: 147.044+/-154.051 χ^2/NDF : 19.4/22

+ sign 598.026+/-153.244 χ^2/NDF : 60.4/27

All: 372.489+/-108.106 χ^2/NDF : 90.0/55

- sign 149.055+/-152.528 χ^2/NDF : 25.2/27

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1659.663 $\pm$ 1.156 χ^2 /NDF: 20129.6/2

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

Right Out: 1708.622 $\pm$ 0.769 χ^2 /NDF: 113267.0/4

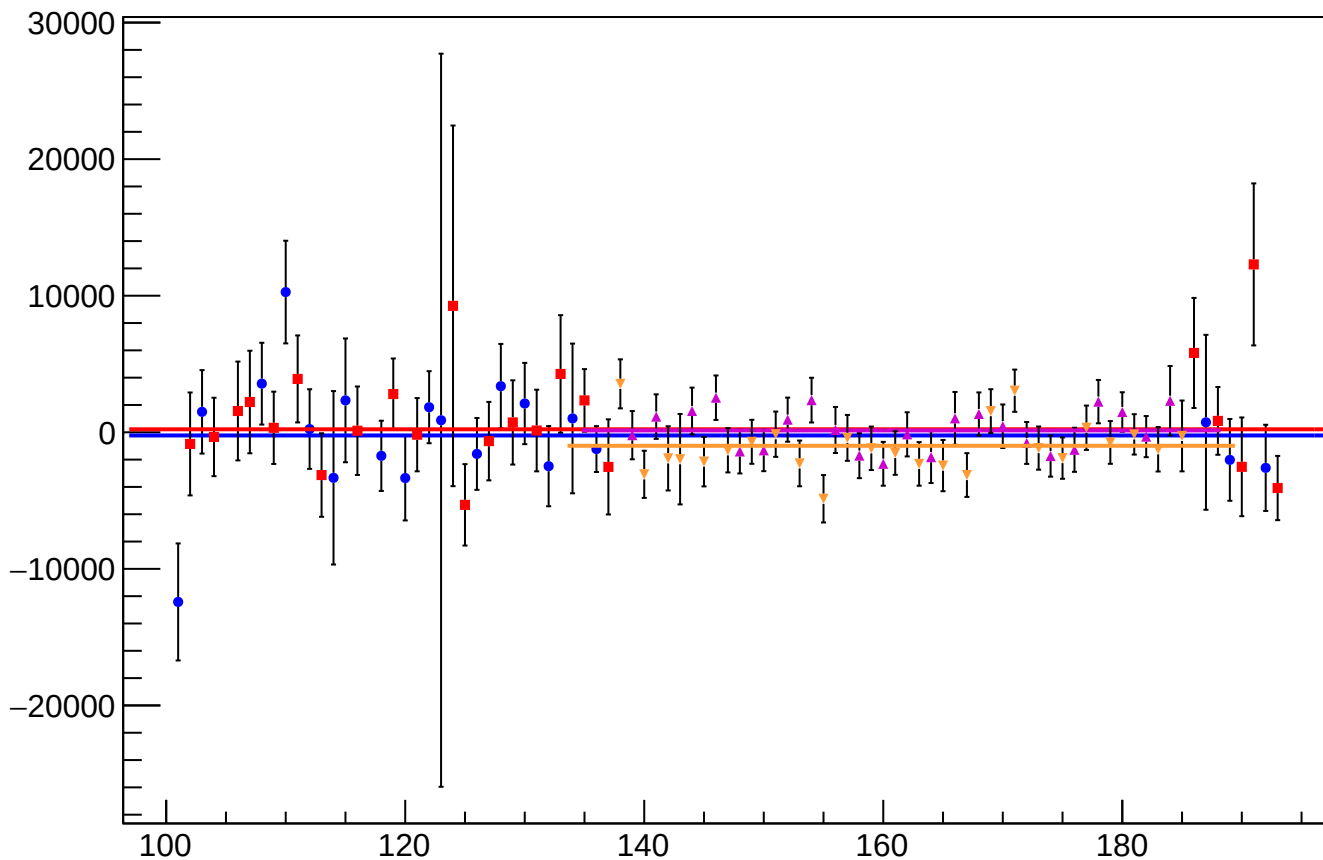
Left In: 643.008 $\pm$ 0.109 χ^2 /NDF: 323844.6/22

+ sign 658.742 $\pm$ 0.108 χ^2 /NDF: 1617543.5/27

All: 661.371 $\pm$ 0.076 χ^2 /NDF: 3938884.3/55

- sign 663.977 $\pm$ 0.108 χ^2 /NDF: 2320168.5/27

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -232.047 $\pm$ 700.531 χ^2 /NDF: 24.5/19

Left Out: -987.247 $\pm$ 339.757 χ^2 /NDF:28.5/24

Right Out: 219.044 $\pm$ 650.574 χ^2 /NDF: 20.5/22

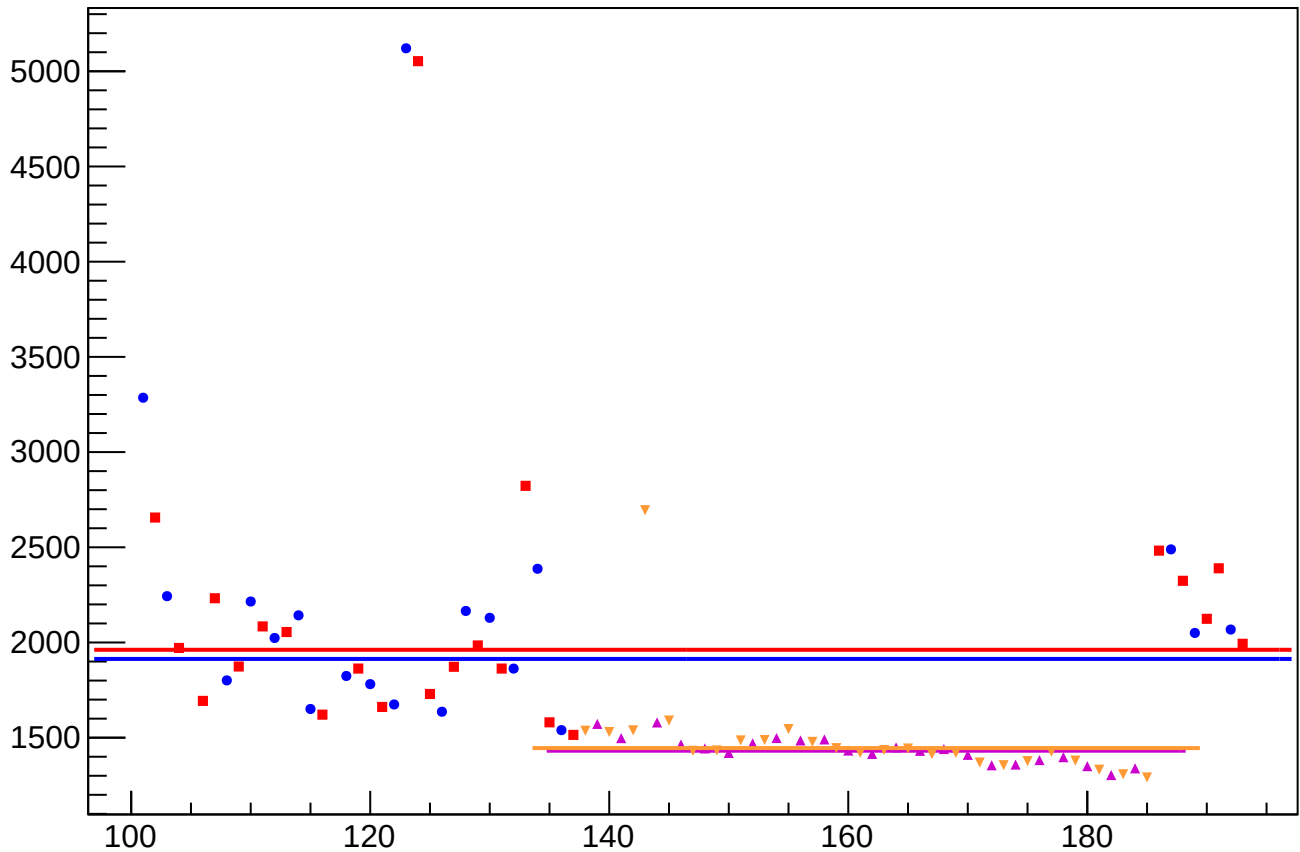
Left In: 137.780 $\pm$ 342.262 χ^2 /NDF:18.8/22

+ sign -843.434 $\pm$ 305.700 χ^2 /NDF: 54.0/44

All: -339.427 $\pm$ 215.166 χ^2 /NDF: 98.7/90

- sign 155.396 $\pm$ 302.902 χ^2 /NDF: 39.4/45

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1913.654 $\pm$ 0.495 χ^2 /NDF: 493156.3/19

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

Right Out: 1961.711 $\pm$ 0.460 χ^2 /NDF: 531680.1/22

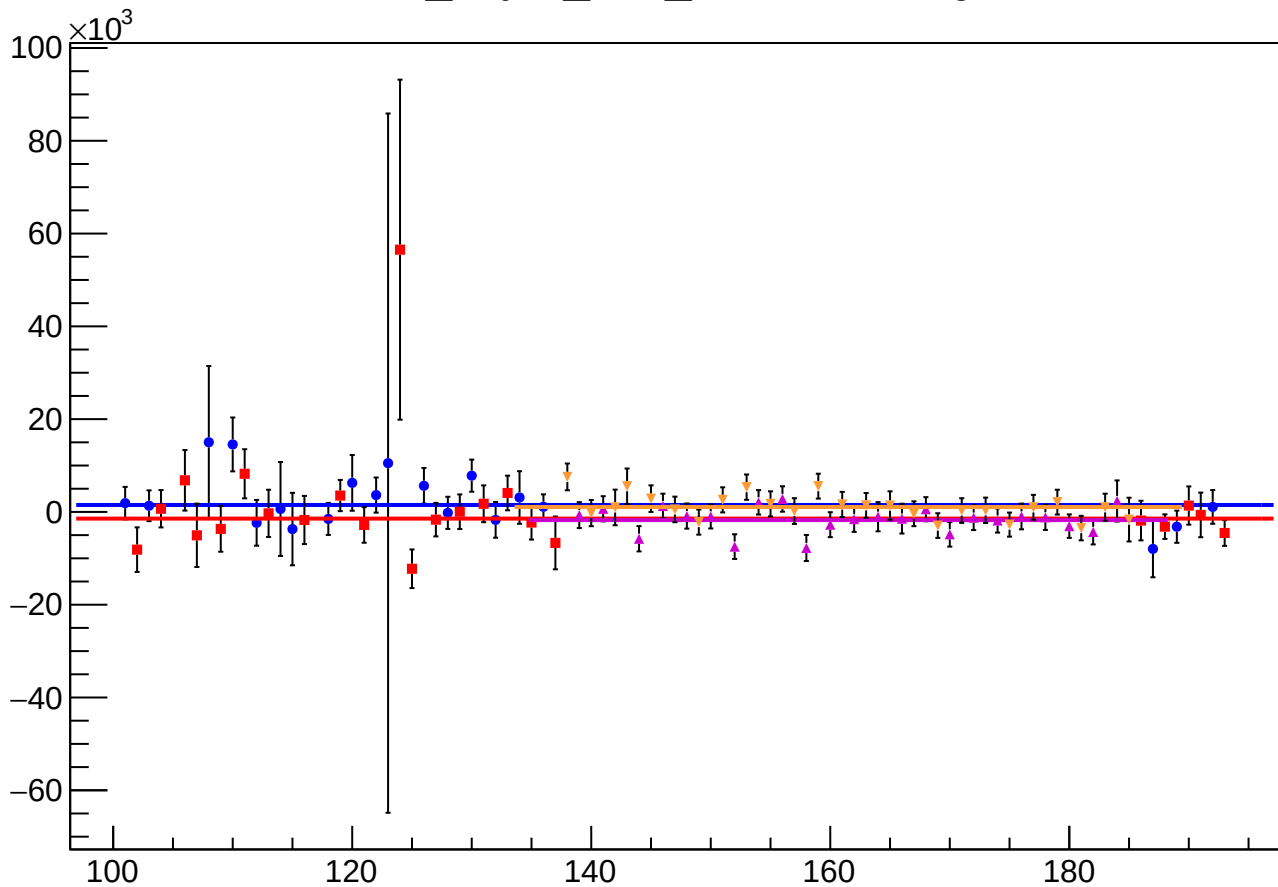
Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

+ sign 1534.585 $\pm$ 0.216 χ^2 /NDF: 1591389.5/44

All: 1540.630 $\pm$ 0.152 χ^2 /NDF: 3242239.6/90

- sign 1546.566 $\pm$ 0.214 χ^2 /NDF: 1649299.8/45

dit_asym_atl1_mean vs Slug



Right In: 1499.415 $\pm$ 948.532 χ^2 /NDF: 18.3/19

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

Right Out: -1436.251 $\pm$ 865.327 χ^2 /NDF: 25.3/22

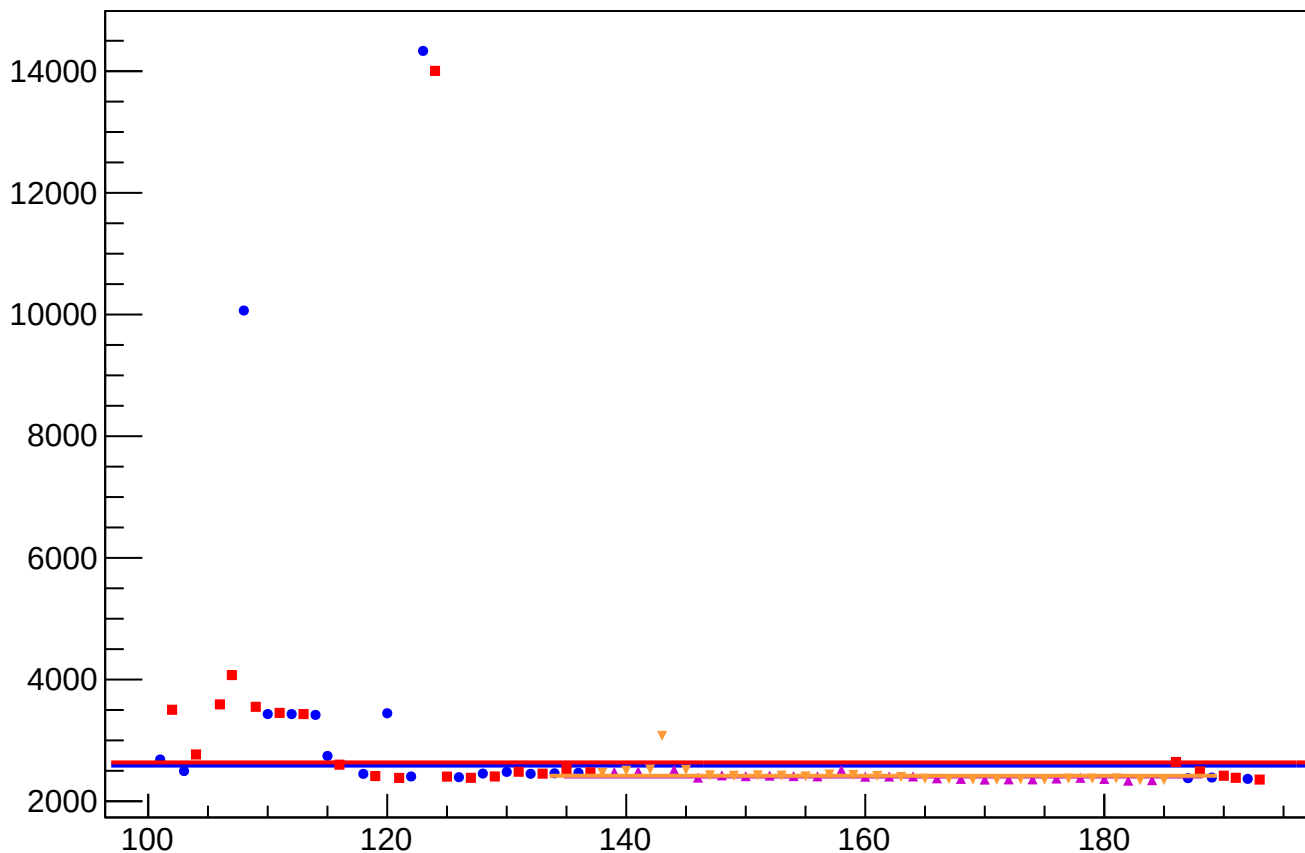
Left In: -1762.122 $\pm$ 574.660 χ^2 /NDF: 23.2/22

+ sign 1173.443 $\pm$ 486.198 χ^2 /NDF: 41.1/44

All: -266.471 $\pm$ 341.117 χ^2 /NDF: 107.0/90

- sign -1662.390 $\pm$ 478.713 χ^2 /NDF: 48.6/45

dit_asym_atl1_rms vs Slug



Right In: 2586.087 $\pm$ 0.671 χ^2 /NDF: 663511.7/19

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

Right Out: 2638.187 $\pm$ 0.612 χ^2 /NDF: 646224.9/22

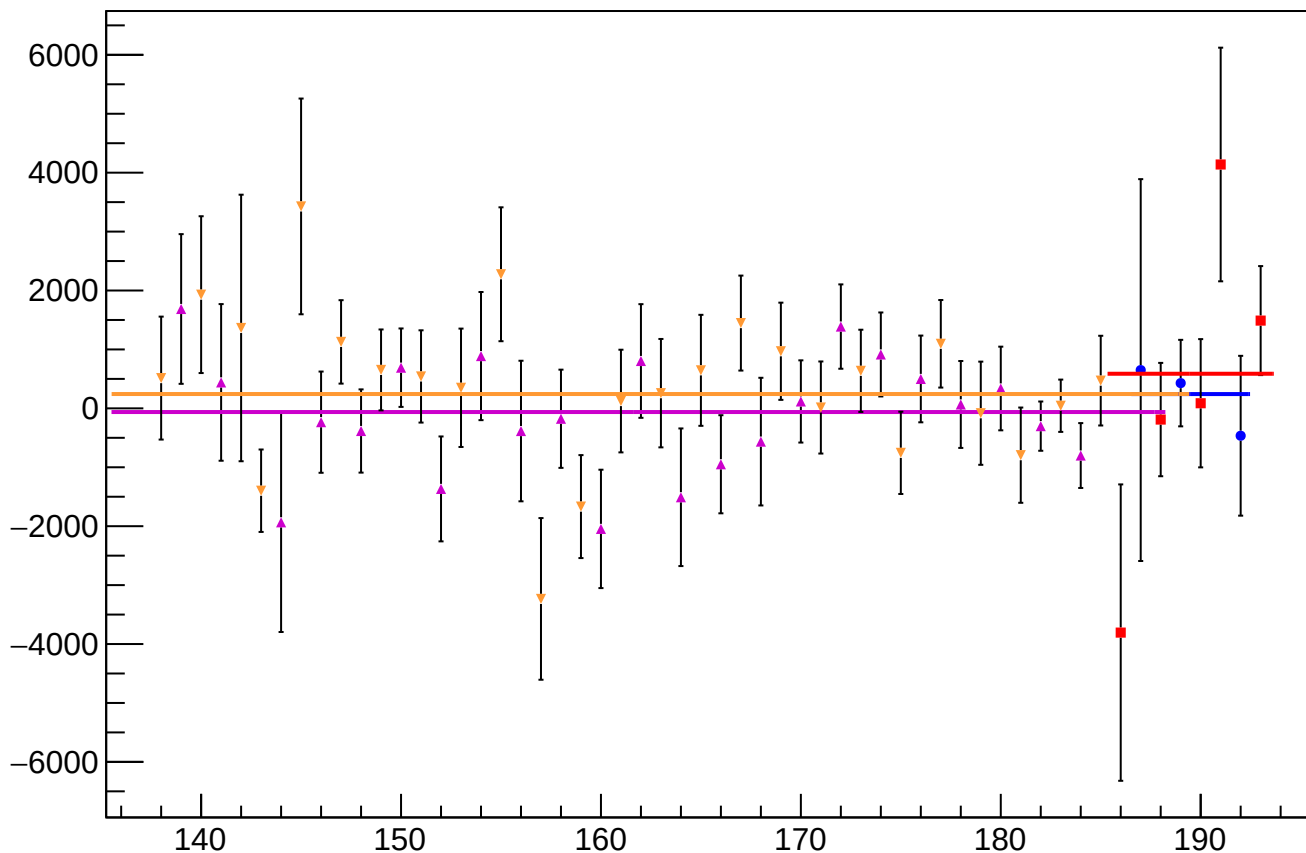
Left In: 2406.443 $\pm$ 0.406 χ^2 /NDF: 15245.2/22

+ sign 2462.880 $\pm$ 0.344 χ^2 /NDF: 784060.9/44

All: 2470.236 $\pm$ 0.241 χ^2 /NDF: 1545976.5/90

- sign 2477.368 $\pm$ 0.339 χ^2 /NDF: 761013.9/45

asym_atl1_correction_mean vs Slug



Right In: 242.370 ± 633.129 χ^2/NDF : 0.4/2

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

Right Out: 587.361 ± 534.041 χ^2/NDF : 8.1/4

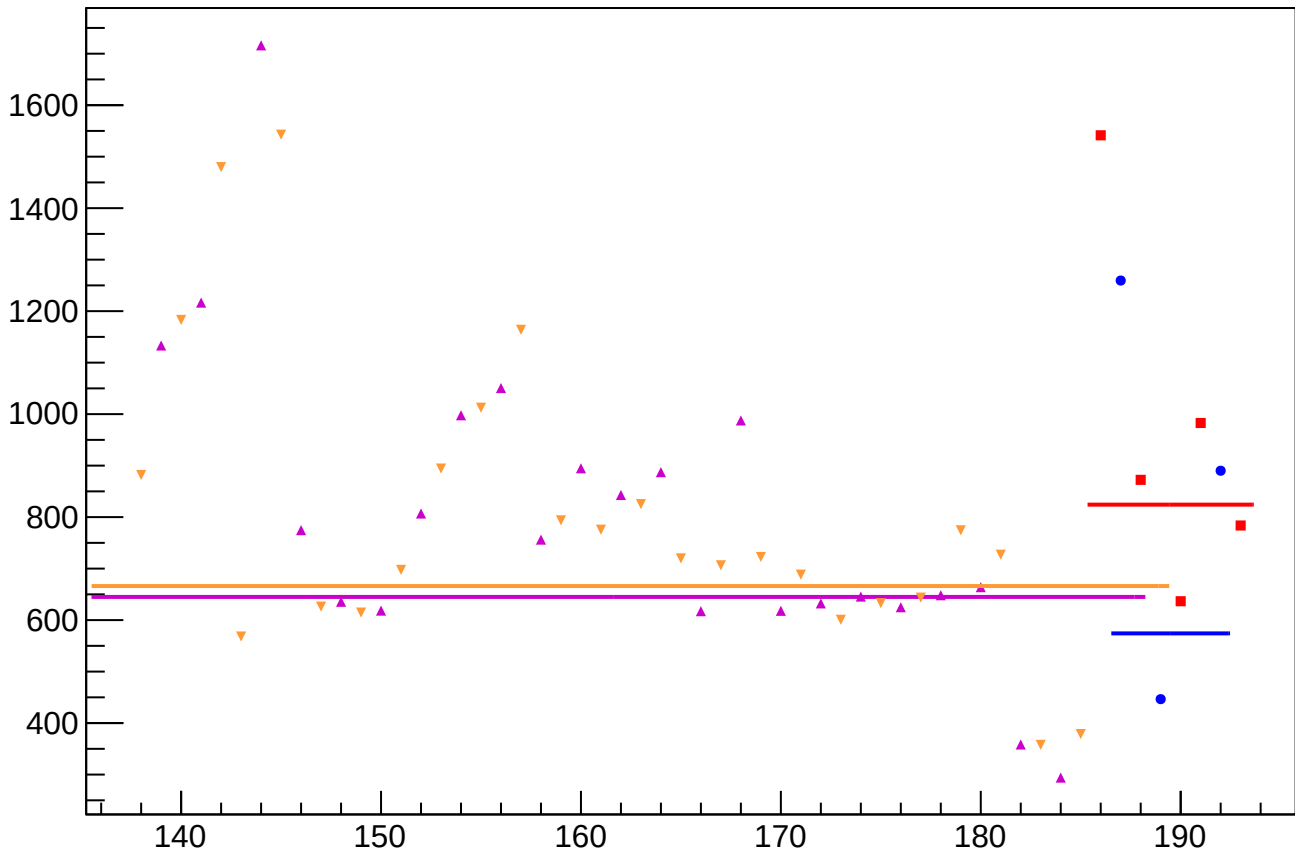
Left In: -62.569 ± 164.169 χ^2/NDF : 24.3/22

+ sign 243.087 ± 158.706 χ^2/NDF : 36.3/27

All: 116.906 ± 111.586 χ^2/NDF : 71.3/55

- sign -6.454 ± 156.922 χ^2/NDF : 33.7/27

asym_atl1_correction_rms vs Slug



Right In: 574.176 $\pm$ 0.448 χ^2 /NDF: 258468.3/2

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

Right Out: 824.238 $\pm$ 0.378 χ^2 /NDF: 243734.4/4

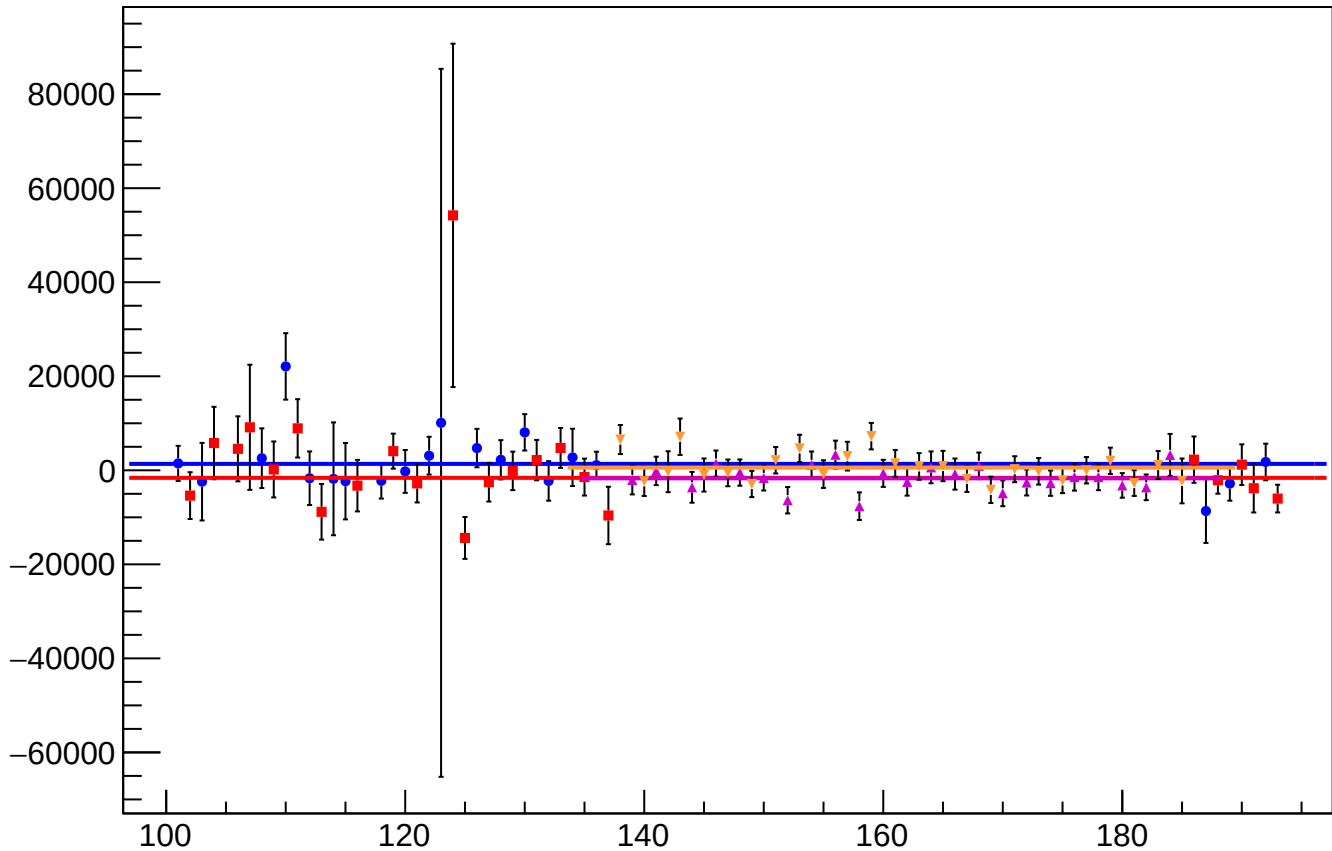
Left In: 645.011 $\pm$ 0.116 χ^2 /NDF: 4176295.6/22

+ sign 660.355 $\pm$ 0.112 χ^2 /NDF: 3488582.4/27

All: 660.421 $\pm$ 0.079 χ^2 /NDF: 8114425.5/55

- sign 660.486 $\pm$ 0.111 χ^2 /NDF: 4625842.4/27

asym_atl1_mean vs Slug



Right In: 1362.920+/-1043.636 χ^2/NDF : 18.7/19

Left Out: 566.778+/-598.308 χ^2/NDF : 25.2/24

Right Out: -1601.786+/-964.837 χ^2/NDF : 28.9/22

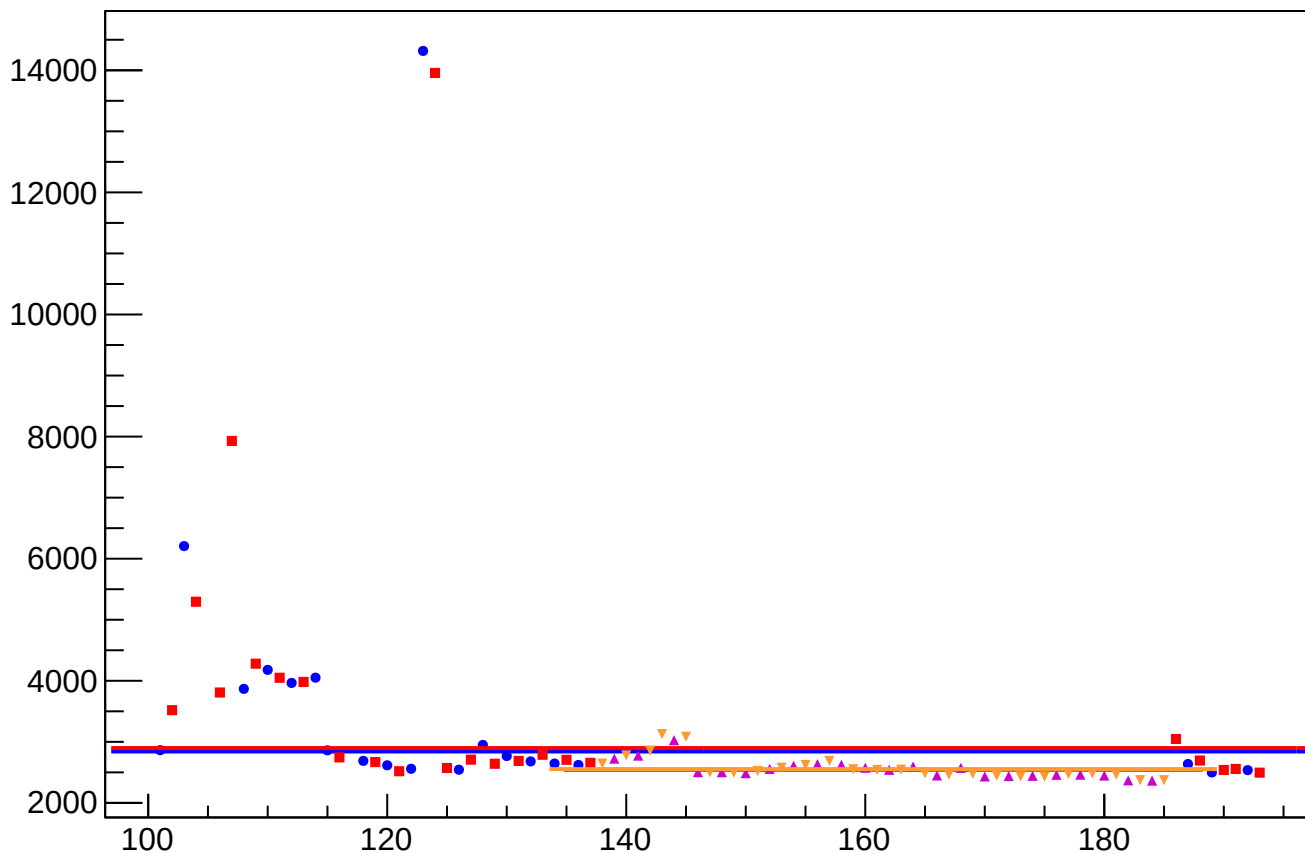
Left In: -1713.317+/-607.775 χ^2/NDF : 18.1/22

+ sign 763.715+/-519.060 χ^2/NDF : 44.3/44

All: -470.339+/-365.319 χ^2/NDF : 102.5/90

- sign -1681.633+/-514.251 χ^2/NDF : 47.0/45

asym_atl1_rms vs Slug



Right In: 2842.355+/-0.738 χ^2/NDF : 680919.3/19

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

Right Out: 2897.763+/-0.682 χ^2/NDF : 1108259.4/22

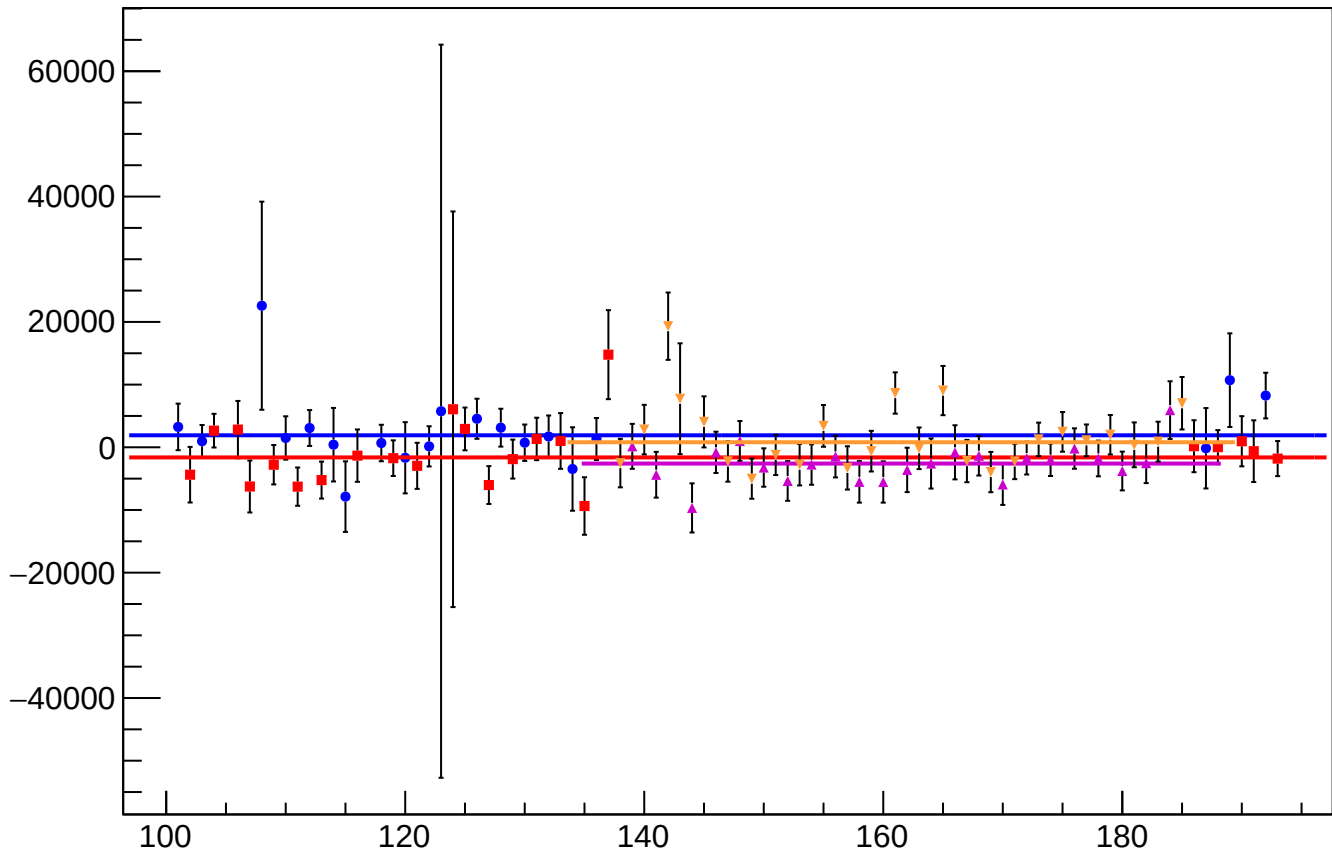
Left In: 2541.950+/-0.430 χ^2/NDF : 97238.4/22

+ sign 2624.649+/-0.367 χ^2/NDF : 944984.4/44

All: 2633.925+/-0.258 χ^2/NDF : 2346476.6/90

- sign 2643.029+/-0.364 χ^2/NDF : 1400226.5/45

dit_asym_atl2_mean vs Slug



Right In: 1914.184 ± 850.368 χ^2/NDF : 12.2/19

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

Right Out: -1615.195 ± 744.404 χ^2/NDF : 23.5/22

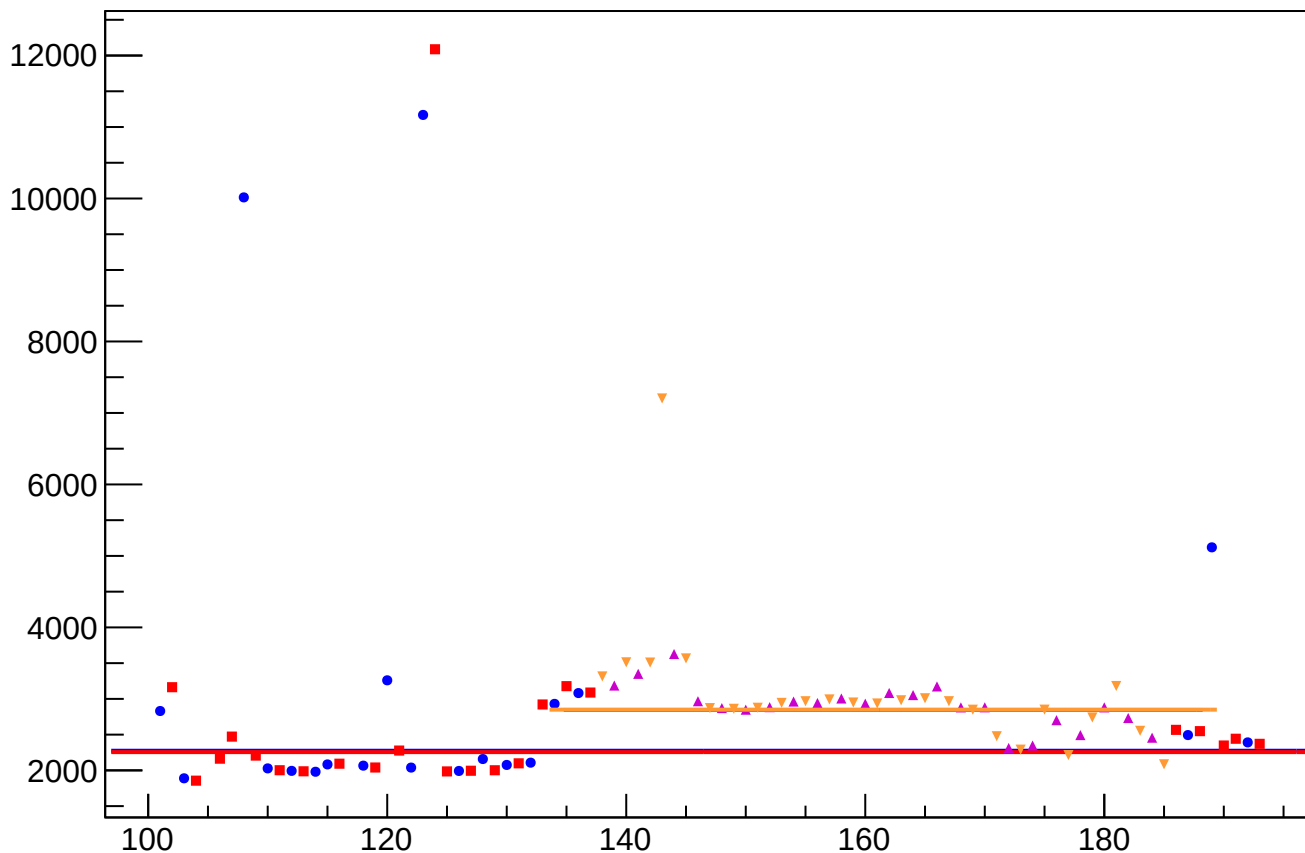
Left In: -2595.551 ± 683.824 χ^2/NDF : 14.0/22

+ sign 1237.097 ± 529.893 χ^2/NDF : 52.3/44

All: -540.949 ± 365.038 χ^2/NDF : 112.2/90

- sign -2146.881 ± 503.594 χ^2/NDF : 38.4/45

dit_asym_atl2_rms vs Slug



Right In: 2274.590 $\pm$ 0.601 χ^2 /NDF: 1151452.5/19

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

Right Out: 2255.399 $\pm$ 0.526 χ^2 /NDF: 614295.0/22

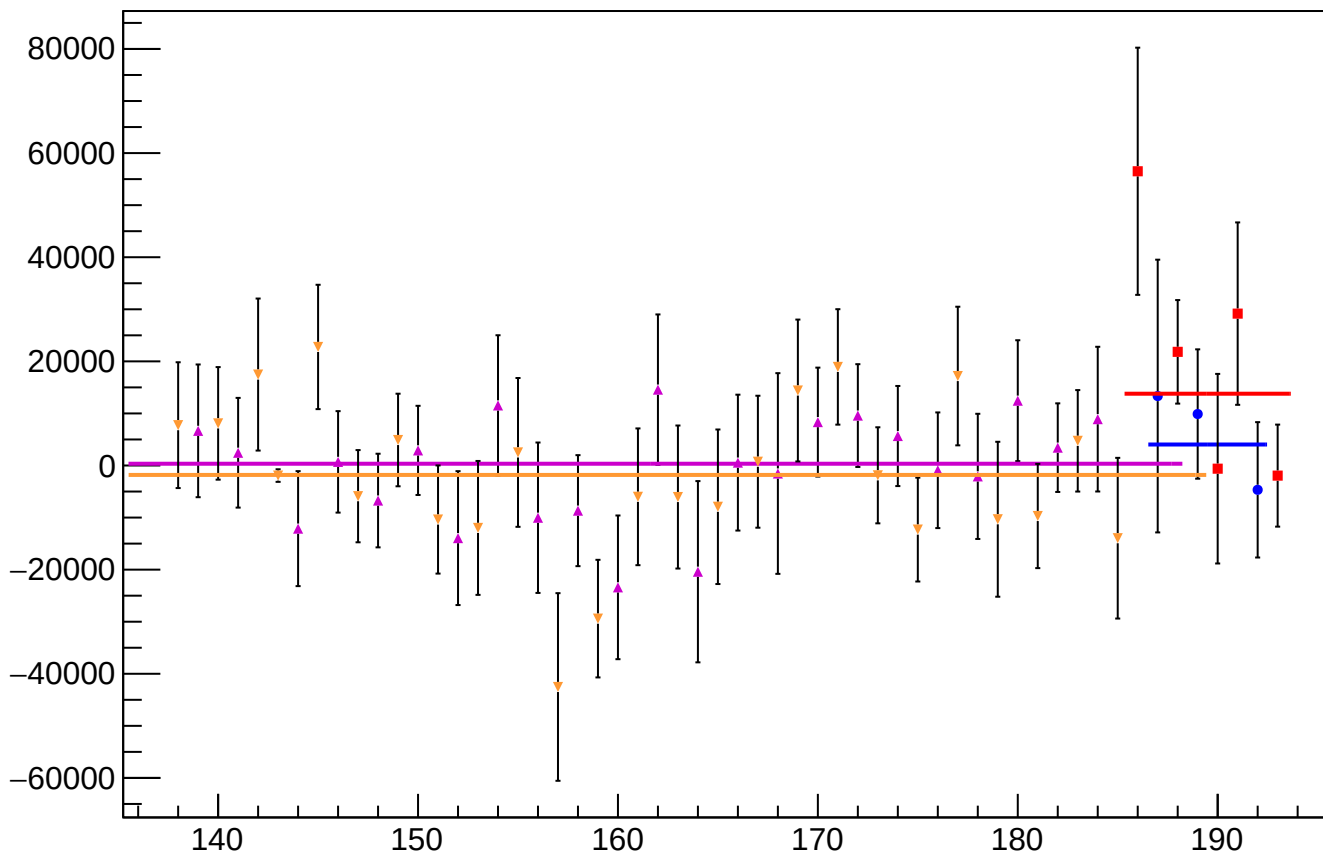
Left In: 2844.779 $\pm$ 0.484 χ^2 /NDF: 383776.8/22

+ sign 2626.115 $\pm$ 0.375 χ^2 /NDF: 2744644.4/44

All: 2599.188 $\pm$ 0.258 χ^2 /NDF: 4432899.3/90

- sign 2574.880 $\pm$ 0.356 χ^2 /NDF: 1678428.4/45

asym_atl2_correction_mean vs Slug



Right In: 4032.895 $\pm$ 8494.681 χ^2 /NDF: 0.8/2

Left Out: -1810.593 $\pm$ 1078.173 χ^2 /NDF: 31.2/24

Right Out: 13787.852 $\pm$ 5914.700 χ^2 /NDF: 7.9/4

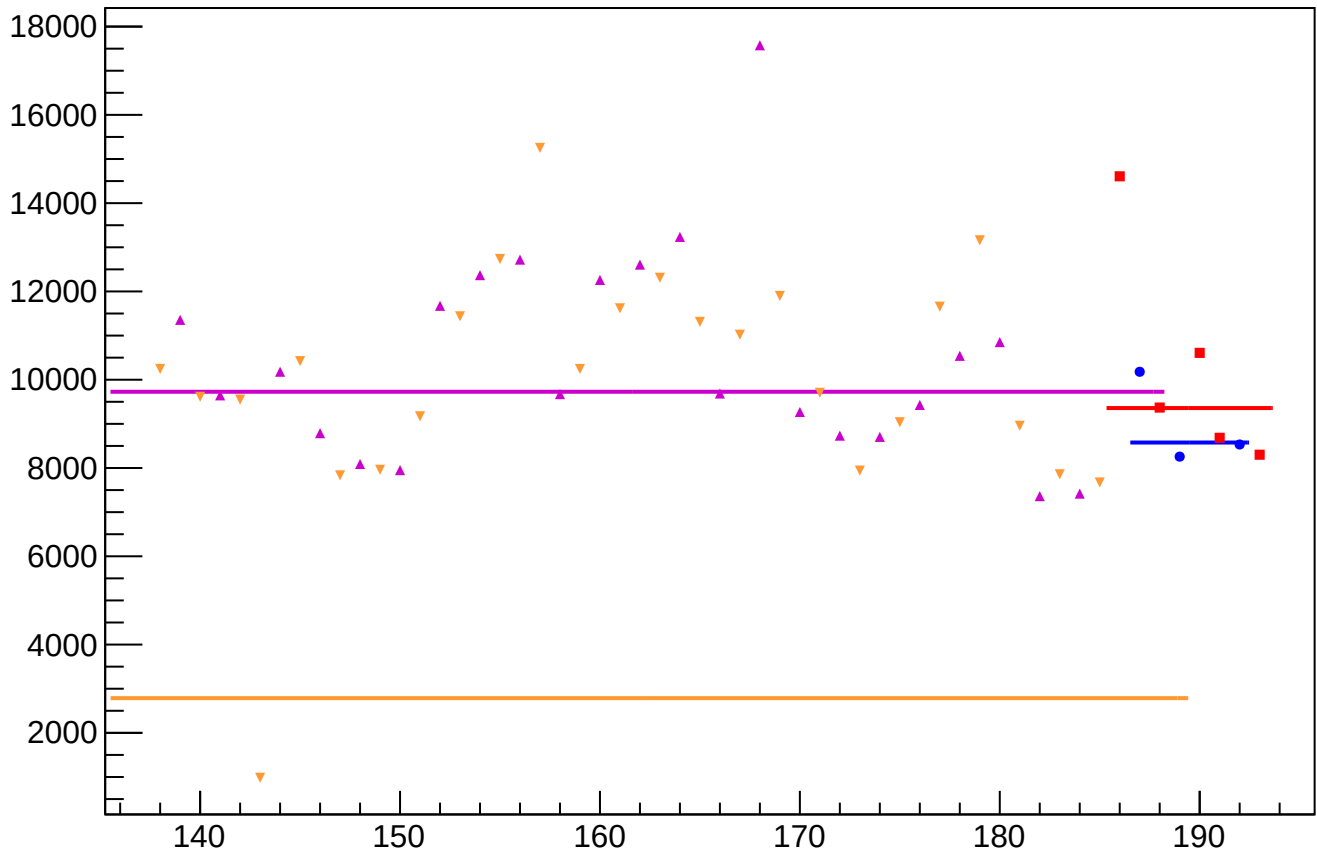
Left In: 339.260 $\pm$ 2365.986 χ^2 /NDF: 14.2/22

+ sign -1717.950 $\pm$ 1069.592 χ^2 /NDF: 32.5/27

All: -968.199 $\pm$ 961.659 χ^2 /NDF: 61.6/55

- sign 2194.381 $\pm$ 2196.749 χ^2 /NDF: 26.5/27

asym_atl2_correction_rms vs Slug



Right In: 8577.295+/-6.007 χ^2/NDF : 8836.4/2

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

Right Out: 9358.085+/-4.182 χ^2/NDF : 133515.7/4

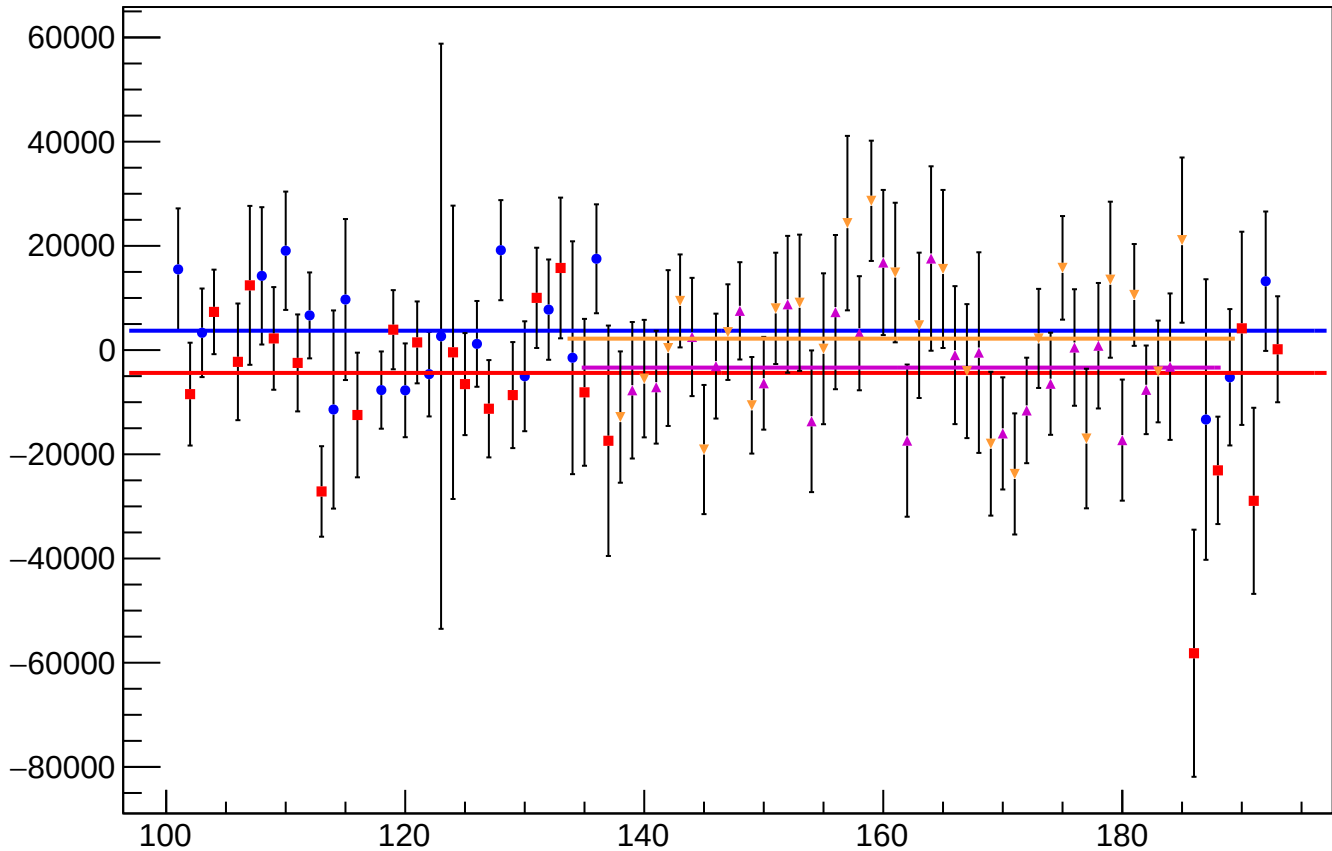
Left In: 9727.255+/-1.673 χ^2/NDF : 1261406.7/22

+ sign 2878.270+/-0.756 χ^2/NDF : 23786579.2/27

All: 4181.035+/-0.680 χ^2/NDF : 40670864.8/5

- sign 9676.331+/-1.553 χ^2/NDF : 1401639.1/27

asym_atl2_mean vs Slug



Right In: 3717.751+/-2413.409 χ^2/NDF : 16.1/19

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

Right Out: -4383.083+/-2256.140 χ^2/NDF : 29.5/22

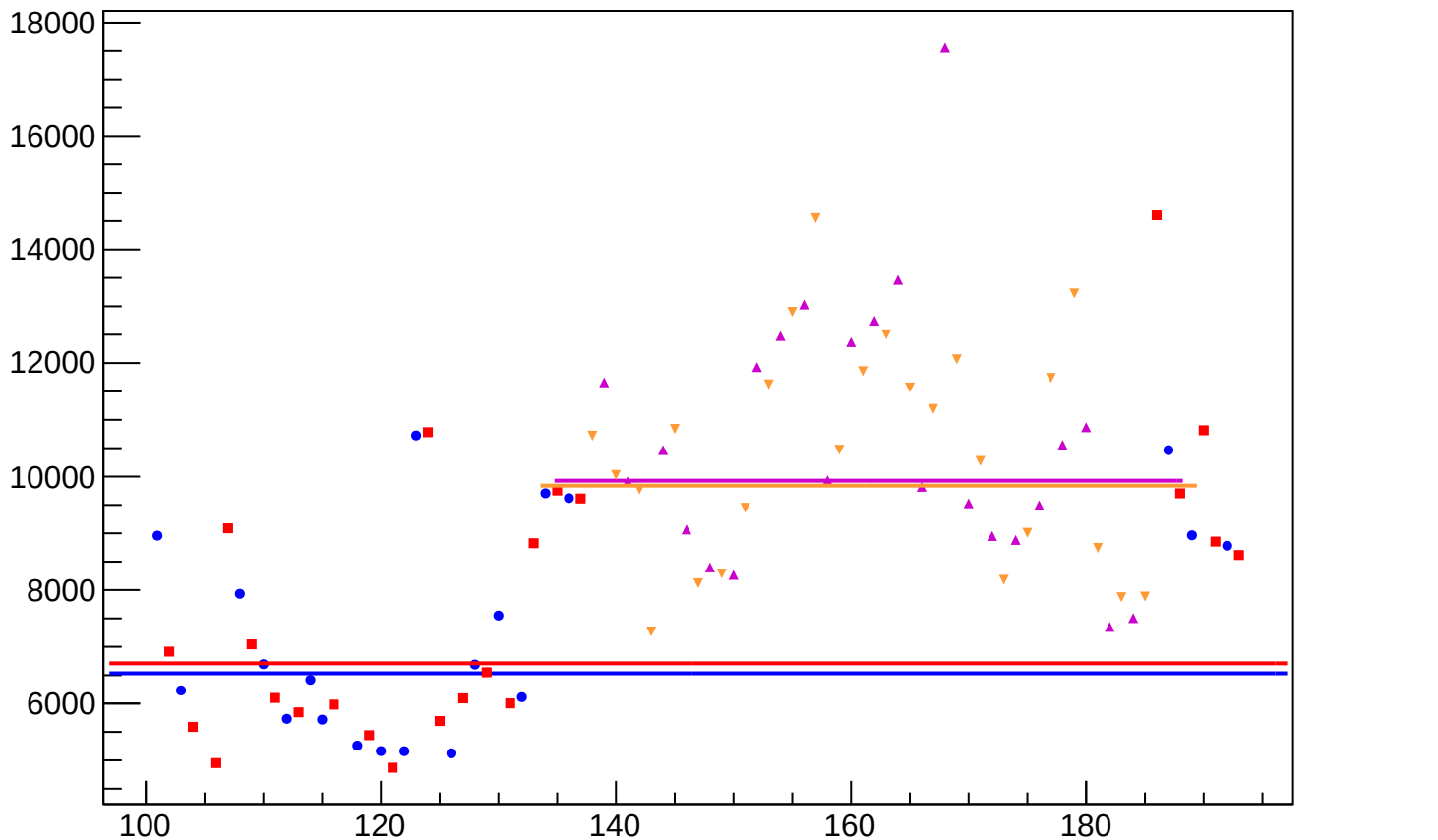
Left In: -3362.489+/-2413.842 χ^2/NDF : 12.8/22

+ sign 2933.790+/-1682.422 χ^2/NDF : 47.5/44

All: -556.858+/-1177.390 χ^2/NDF : 98.3/90

- sign -3907.211+/-1648.265 χ^2/NDF : 42.4/45

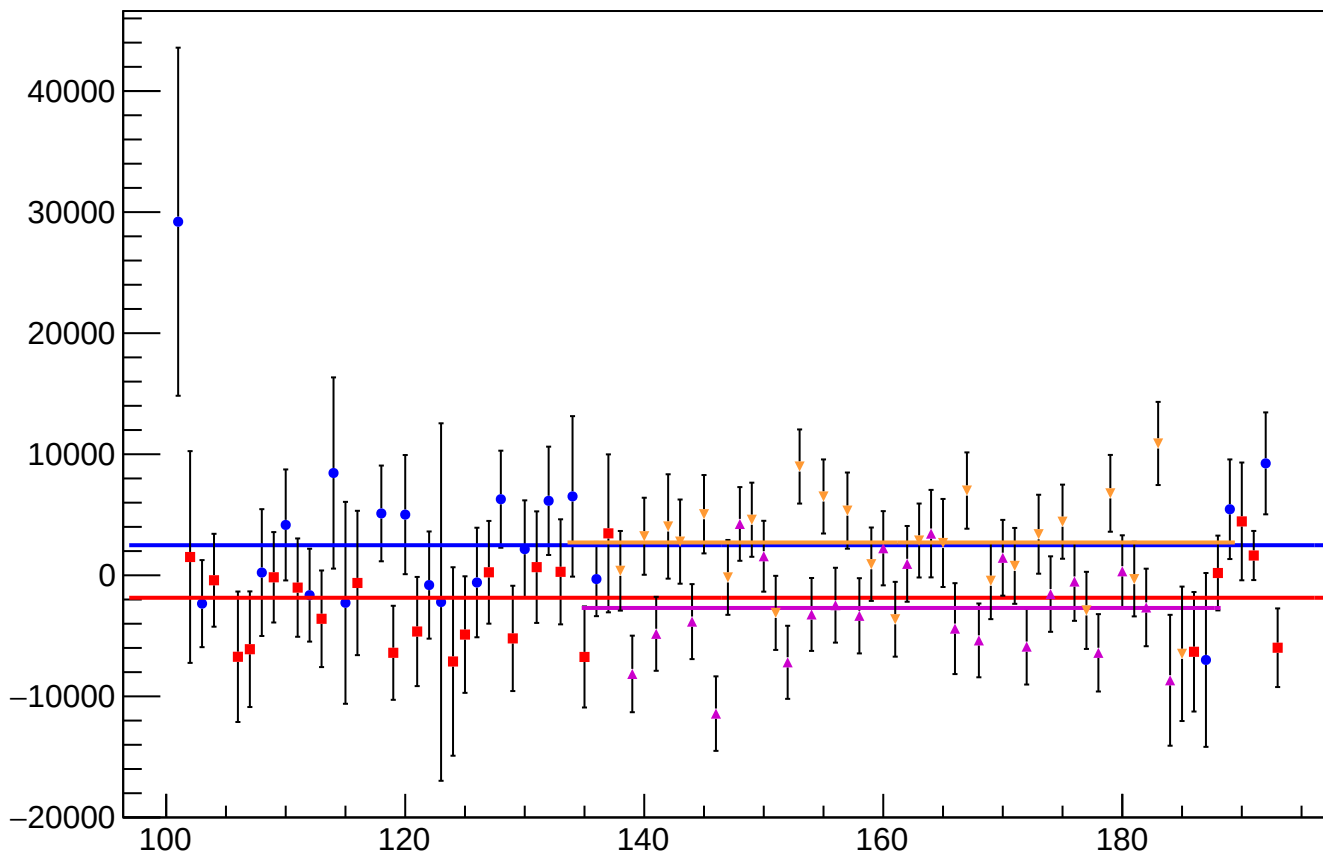
asym_atl2_rms vs Slug



Right In: 6532.912 ± 1.707 χ^2/NDF : 774726.0/19
 Left Out: 9841.227 ± 1.659 χ^2/NDF : 1184767.7/24
 Right Out: 6708.989 ± 1.595 χ^2/NDF : 1188968.7/22
 Left In: 9928.662 ± 1.707 χ^2/NDF : 1220804.9/22

+ sign 8233.484 ± 1.190 χ^2/NDF : 3891344.6/44
 All: 8221.582 ± 0.833 χ^2/NDF : 8200530.7/90
 - sign 8210.159 ± 1.165 χ^2/NDF : 4308990.0/45

dit_asym_atr1_mean vs Slug



Right In: 2485.491 $\pm$ 1047.030 χ^2 /NDF: 17.1/19

Left Out: 2712.564 $\pm$ 648.832 χ^2 /NDF:34.7/24

Right Out: -1855.174 $\pm$ 853.417 χ^2 /NDF: 15.9/22

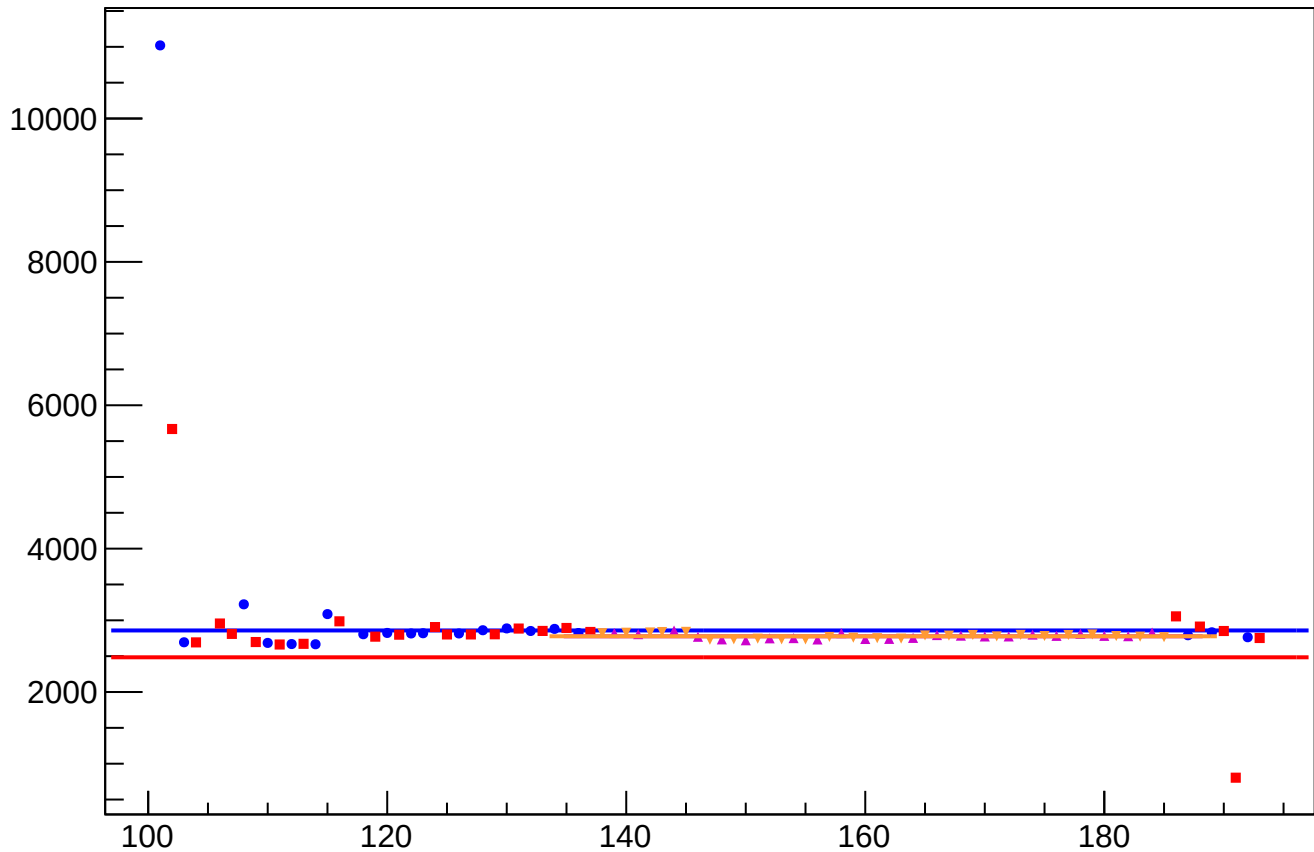
Left In: -2697.794 $\pm$ 662.544 χ^2 /NDF:36.1/22

+ sign 2649.559 $\pm$ 551.521 χ^2 /NDF: 51.8/44

All: 2.539 $\pm$ 379.631 χ^2 /NDF: 148.2/90

- sign -2380.922 $\pm$ 523.344 χ^2 /NDF: 52.6/45

dit_asym_atr1_rms vs Slug



Right In: 2858.714 $\pm$ 0.740 χ^2 /NDF: 671330.6/19

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

Right Out: 2484.141 $\pm$ 0.603 χ^2 /NDF: 1897650.5/22

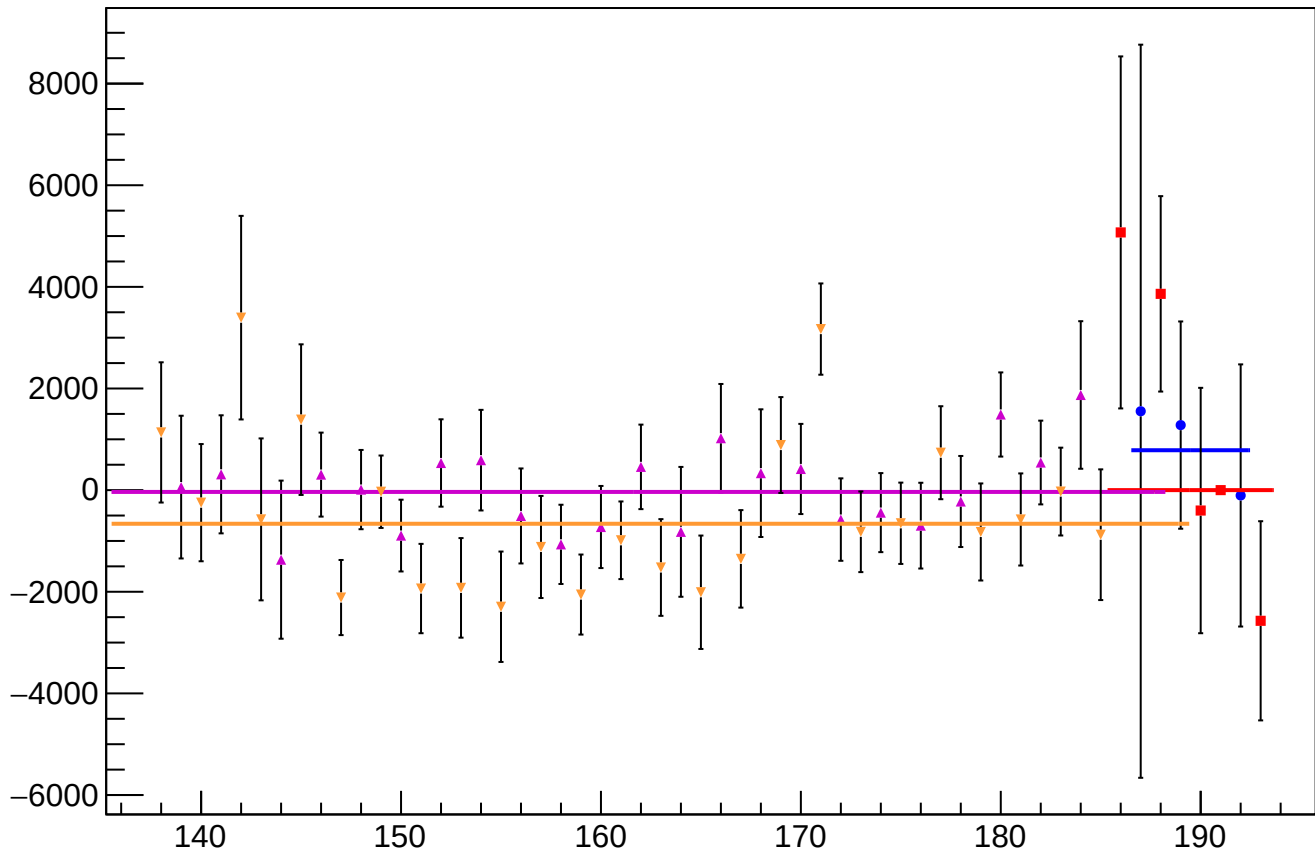
Left In: 2777.355 $\pm$ 0.468 χ^2 /NDF: 5488.7/22

+ sign 2799.998 $\pm$ 0.390 χ^2 /NDF: 685288.6/44

All: 2730.062 $\pm$ 0.268 χ^2 /NDF: 2796850.3/90

- sign 2667.090 $\pm$ 0.370 χ^2 /NDF: 2050445.8/45

asym_atr1_correction_mean vs Slug



Right In: 785.114 ± 1561.829 χ^2/NDF : 0.2/2

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

Right Out: 0.256 ± 4.105 χ^2/NDF : 7.9/4

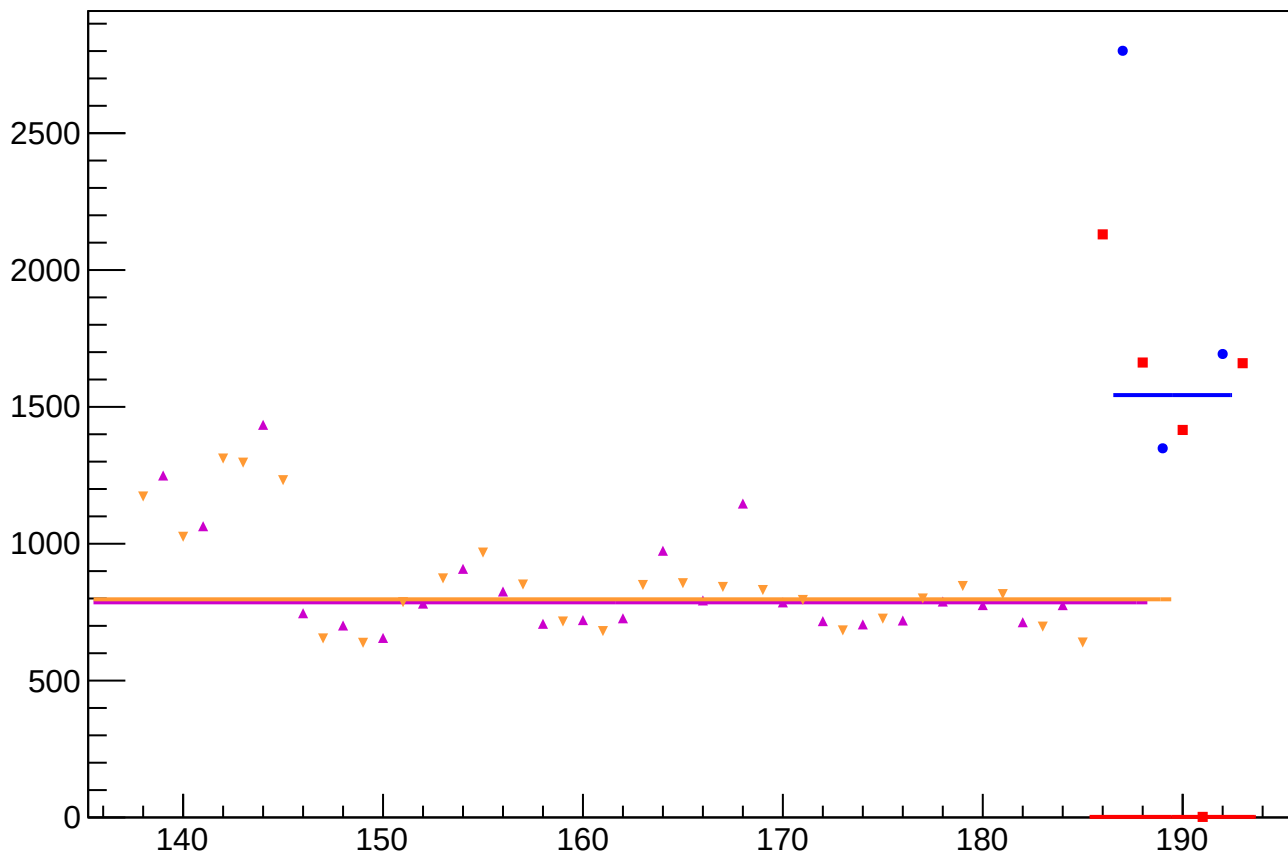
Left In: -35.366 ± 190.553 χ^2/NDF : 15.1/22

+ sign -640.610 ± 188.827 χ^2/NDF : 49.7/27

All: -0.063 ± 4.103 χ^2/NDF : 84.3/55

- sign 0.240 ± 4.104 χ^2/NDF : 23.1/27

asym_atr1_correction_rms vs Slug



Right In: 1543.114 $\pm$ 1.104 χ^2 /NDF: 85771.5/2

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

Right Out: 2.059 $\pm$ 0.003 χ^2 /NDF: 4362170.8/4

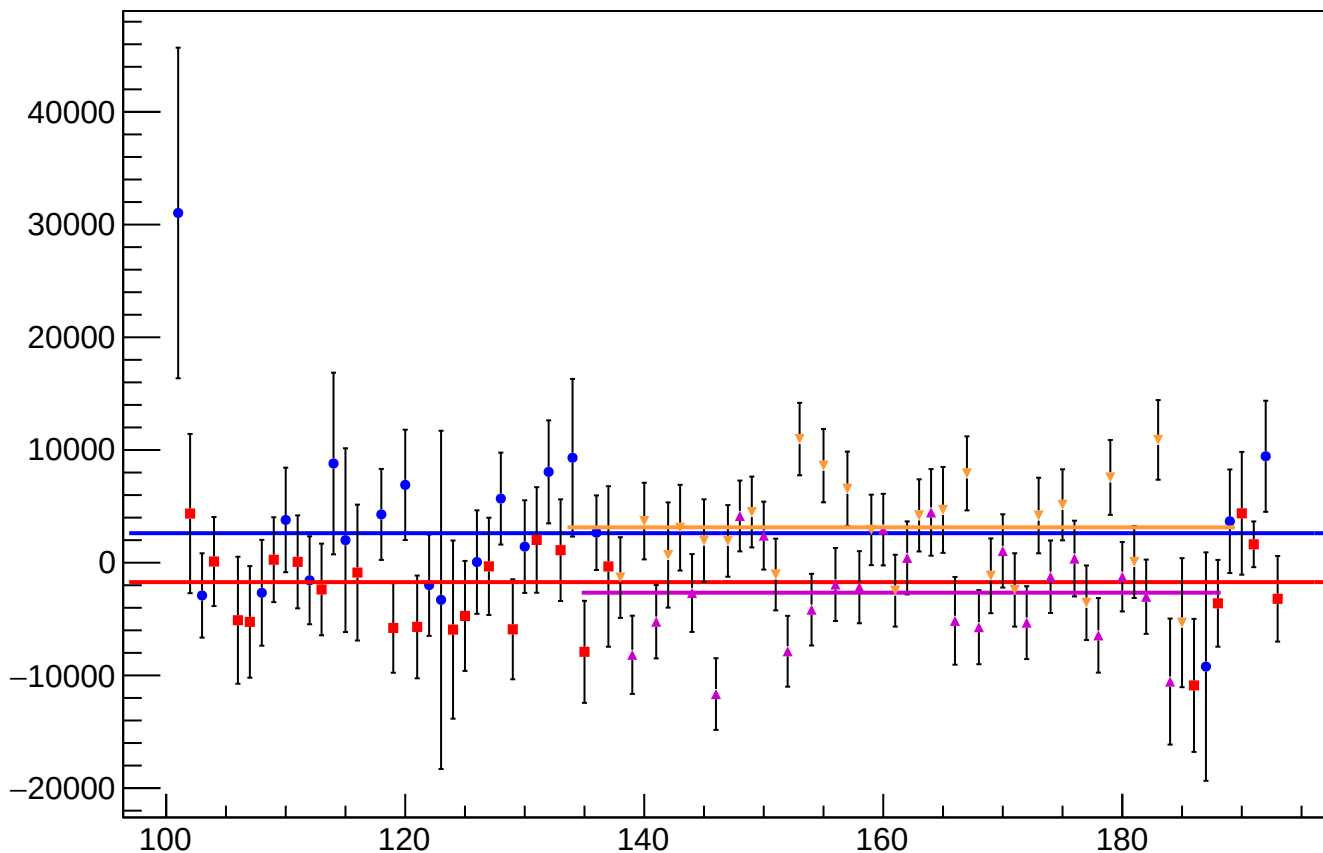
Left In: 785.928 $\pm$ 0.135 χ^2 /NDF: 1126027.7/22

+ sign 807.900 $\pm$ 0.134 χ^2 /NDF: 1710415.5/27

All: 2.803 $\pm$ 0.003 χ^2 /NDF: 77402197.8/55

- sign 2.423 $\pm$ 0.003 χ^2 /NDF: 39316685.8/27

asym_atr1_mean vs Slug



Right In: 2618.888 ± 1087.285 χ^2/NDF : 17.8/19

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

Right Out: -1721.225 ± 893.279 χ^2/NDF : 15.5/22

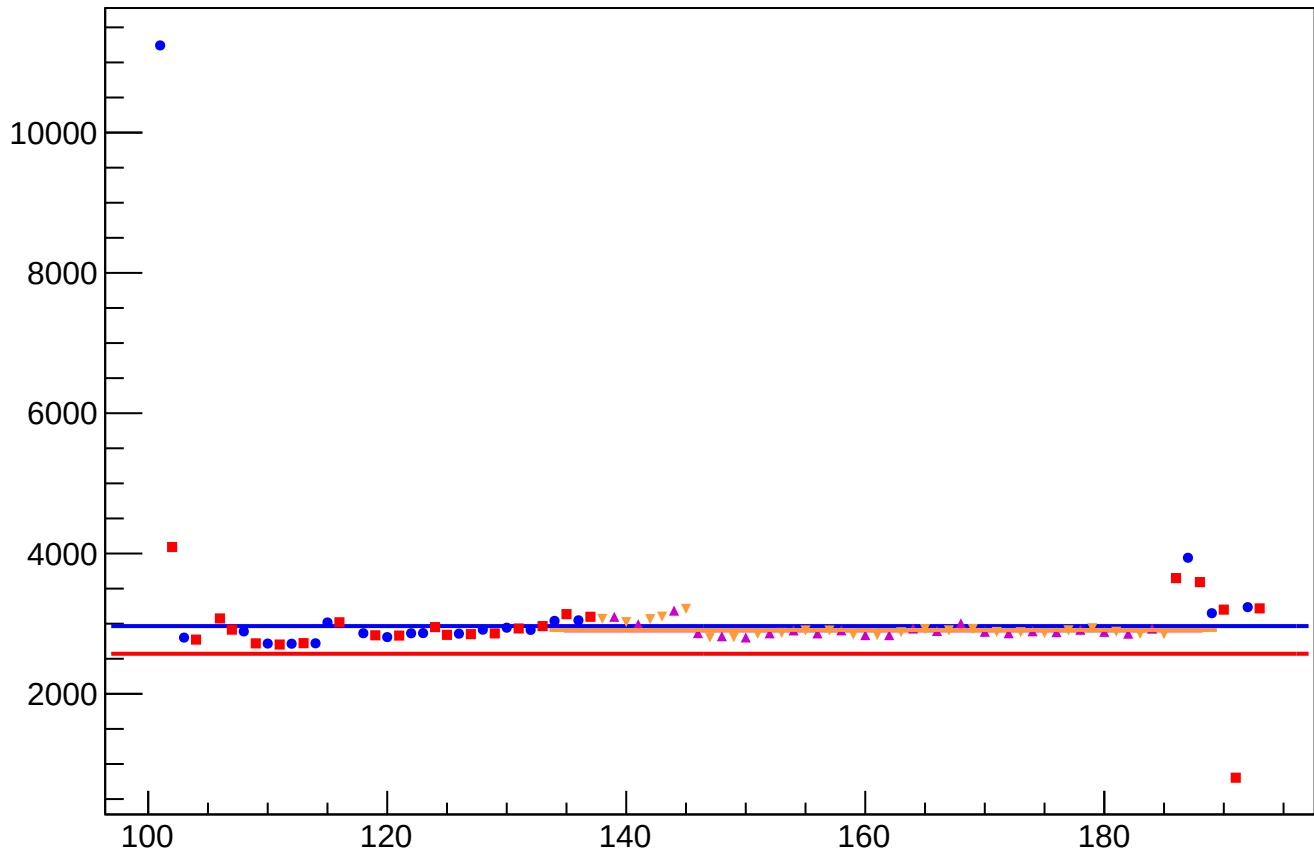
Left In: -2659.828 ± 693.121 χ^2/NDF : 36.9/22

+ sign 2992.951 ± 576.668 χ^2/NDF : 56.2/44

All: 206.022 ± 397.093 χ^2/NDF : 153.8/90

- sign -2307.095 ± 547.607 χ^2/NDF : 53.1/45

asym_atr1_rms vs Slug



Right In: 2965.802 $\pm$ 0.769 χ^2 /NDF: 692750.9/19

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

Right Out: 2571.256 $\pm$ 0.632 χ^2 /NDF: 2063296.7/22

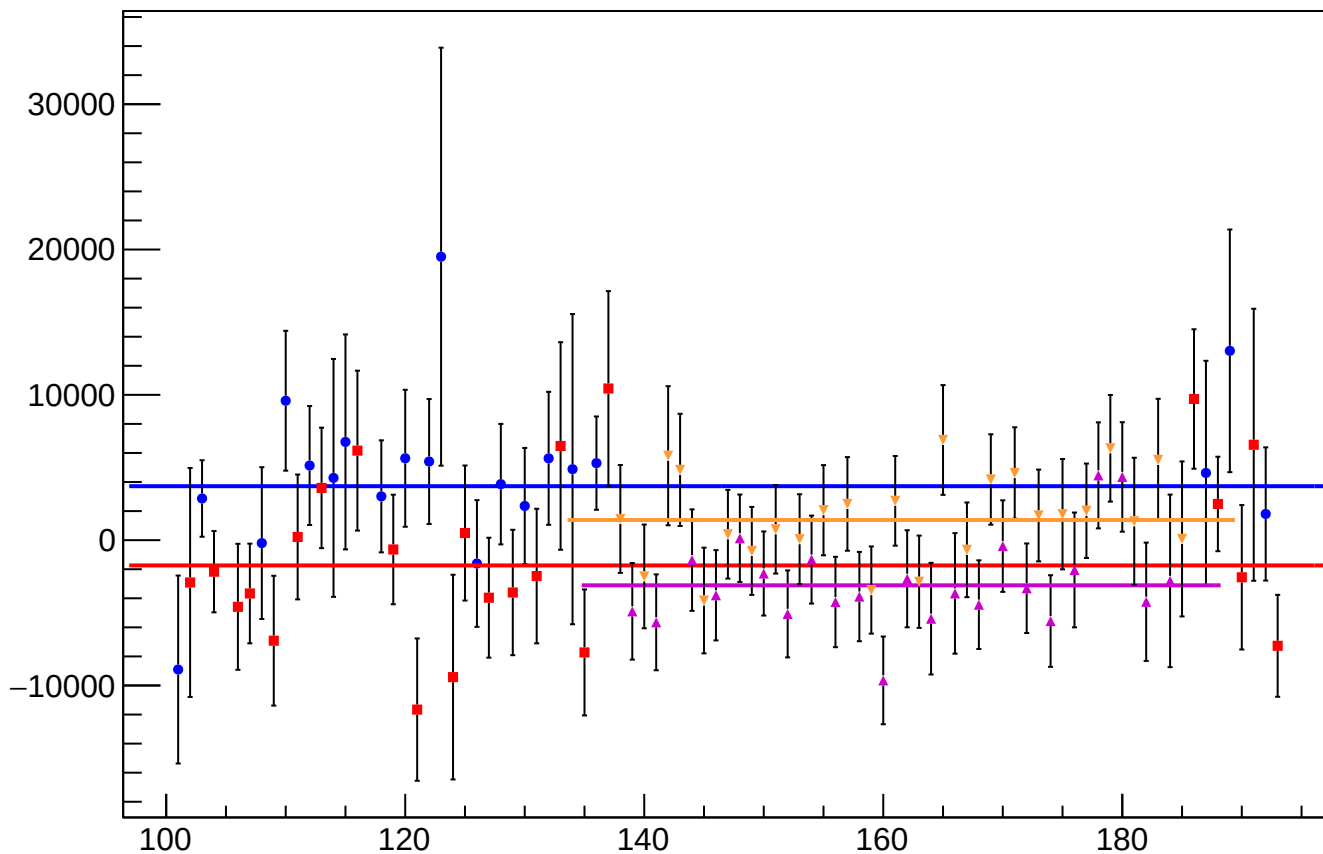
Left In: 2904.499 $\pm$ 0.490 χ^2 /NDF:30423.1/22

+ sign 2925.957 $\pm$ 0.408 χ^2 /NDF: 732568.5/44

All: 2848.821 $\pm$ 0.281 χ^2 /NDF: 3068079.7/90

- sign 2779.264 $\pm$ 0.387 χ^2 /NDF: 2267458.9/45

dit_asym_atr2_mean vs Slug



Right In: 3714.309+/-1043.629 χ^2/NDF : 11.3/19

Left Out: 1386.275+/-684.647 χ^2/NDF : 18.0/24

Right Out: -1738.955+/-919.927 χ^2/NDF : 29.4/22

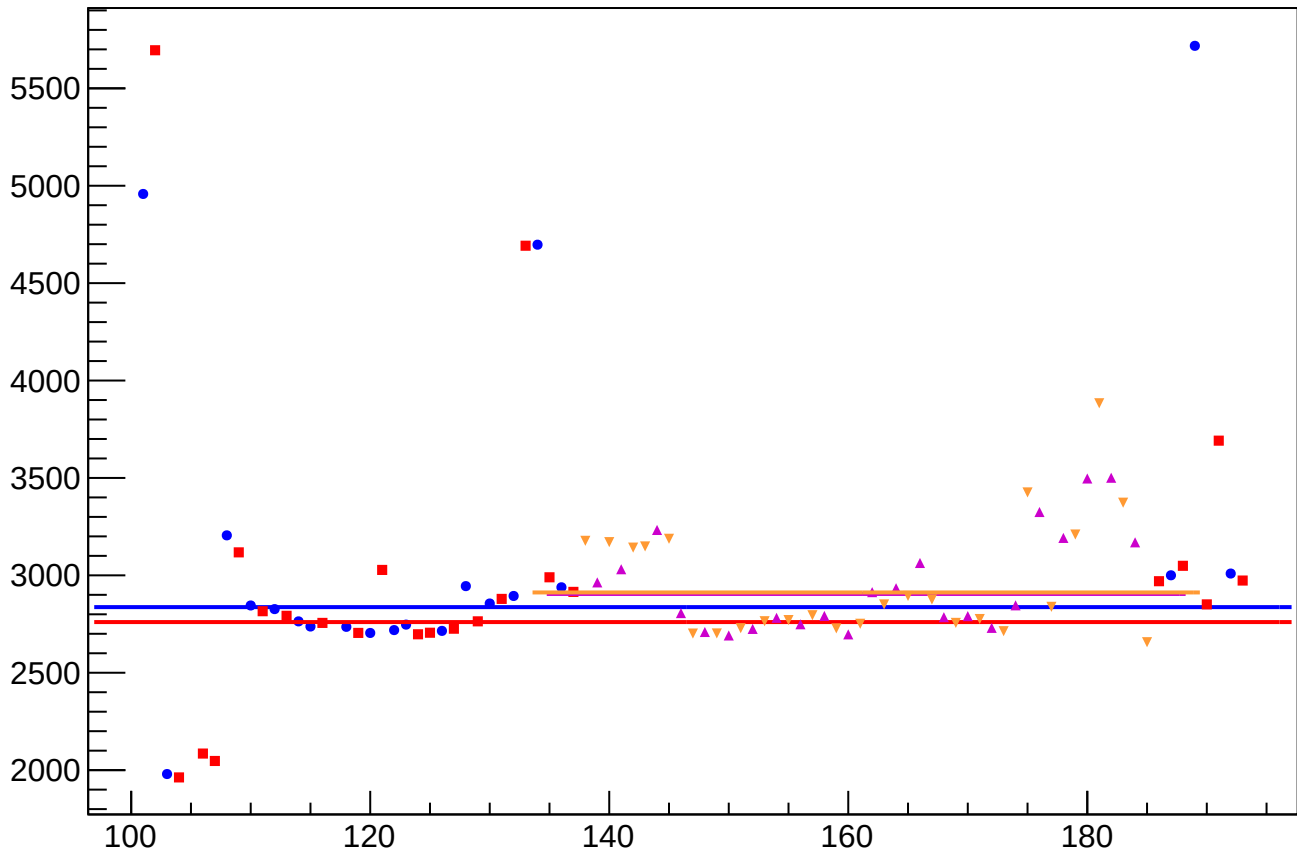
Left In: -3106.878+/-695.685 χ^2/NDF : 18.4/22

+ sign 2086.734+/-572.457 χ^2/NDF : 32.8/44

All: -334.420+/-398.429 χ^2/NDF : 116.7/90

- sign -2609.191+/-554.882 χ^2/NDF : 49.2/45

dit_asym_atr2_rms vs Slug



Right In: 2836.910 $\pm$ 0.738 χ^2 /NDF: 750154.2/19

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

Right Out: 2760.130 $\pm$ 0.650 χ^2 /NDF: 797753.6/22

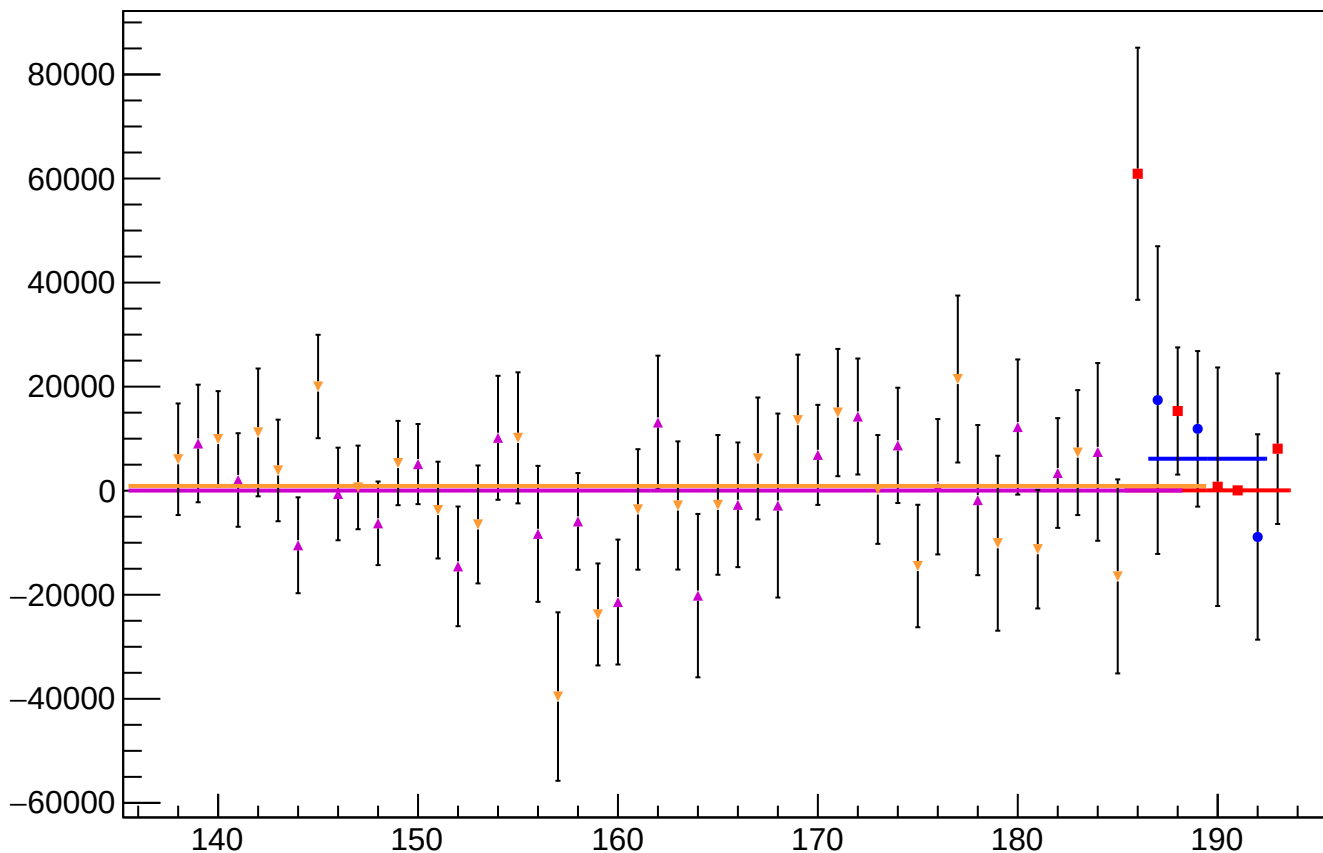
Left In: 2904.472 $\pm$ 0.492 χ^2 /NDF: 217578.9/22

+ sign 2889.554 $\pm$ 0.405 χ^2 /NDF: 1048341.9/44

All: 2870.159 $\pm$ 0.282 χ^2 /NDF: 2099461.3/90

- sign 2851.940 $\pm$ 0.392 χ^2 /NDF: 1046667.0/45

asym_atr2_correction_mean vs Slug



Right In: 6142.788 $\pm$ 11053.139 χ^2 /NDF: 0.9/2

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

Right Out: 62.883 $\pm$ 29.129 χ^2 /NDF: 8.2/4

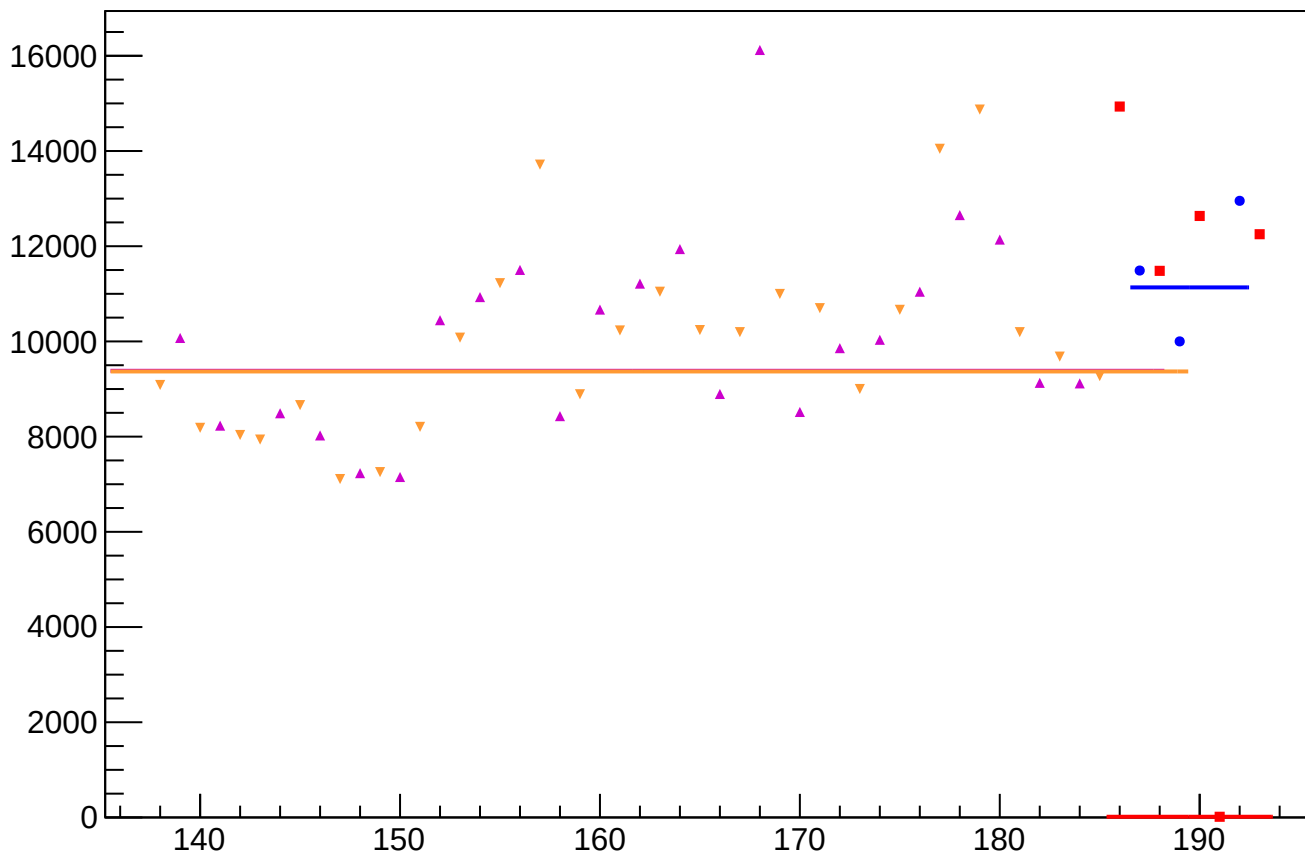
Left In: 25.729 $\pm$ 2280.428 χ^2 /NDF:16.1/22

+ sign 1122.069 $\pm$ 2194.206 χ^2 /NDF: 29.8/27

All: 63.064 $\pm$ 29.124 χ^2 /NDF: 54.3/55

- sign 62.877 $\pm$ 29.127 χ^2 /NDF: 24.3/27

asym_atr2_correction_rms vs Slug



Right In: 11134.757+/-7.816 χ^2/NDF : 28784.4/2

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

Right Out: 14.595+/-0.021 χ^2/NDF : 4556388.7/4

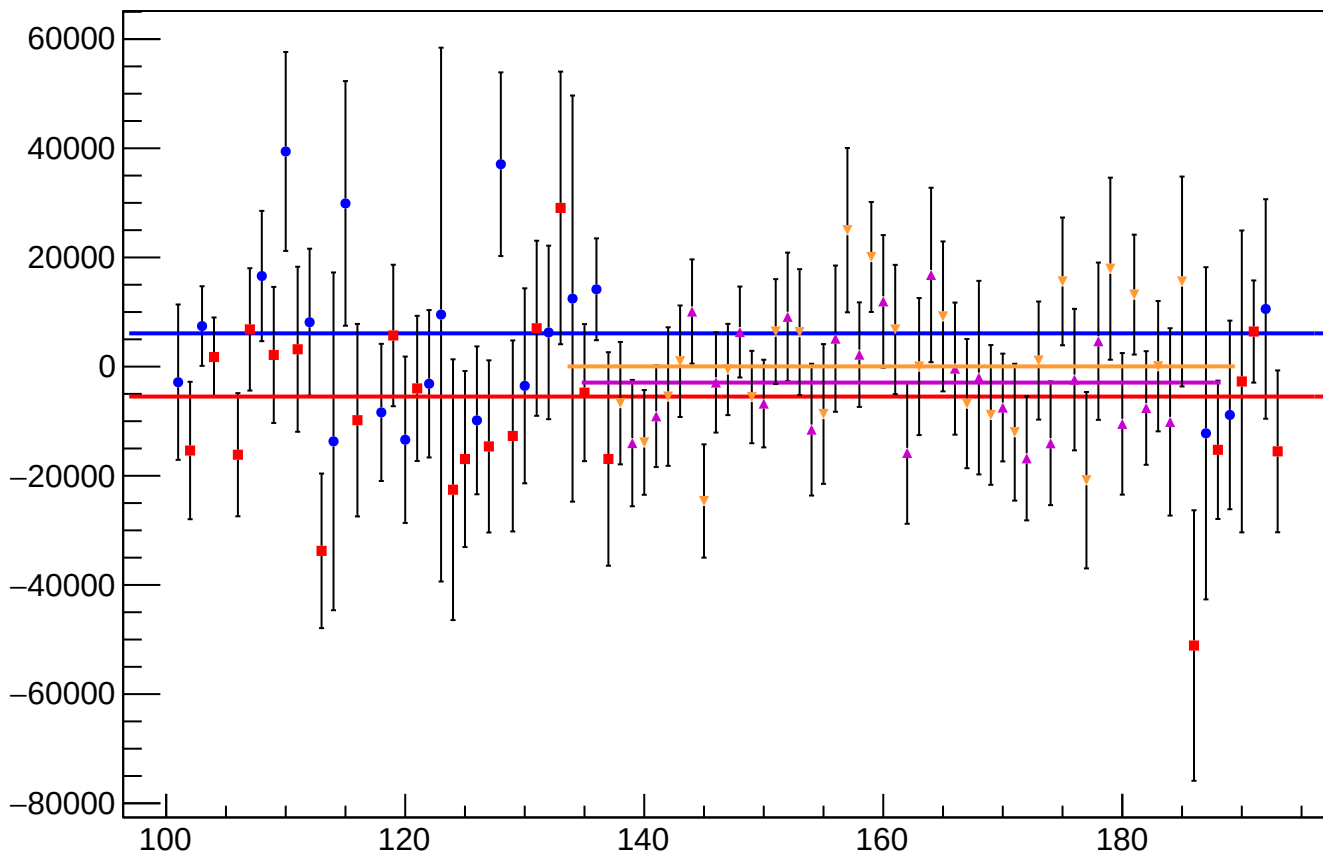
Left In: 9382.727+/-1.613 χ^2/NDF :1205648.8/22

+ sign 9438.618+/-1.552 χ^2/NDF : 1260824.6/27

All: 17.783+/-0.021 χ^2/NDF : 77644515.1/55

- sign 16.123+/-0.021 χ^2/NDF : 39508836.5/27

asym_atr2_mean vs Slug



Right In: 6093.022 $\pm$ 3260.505 χ^2 /NDF: 16.5/19

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

Right Out: -5485.438 $\pm$ 2837.226 χ^2 /NDF: 19.7/22

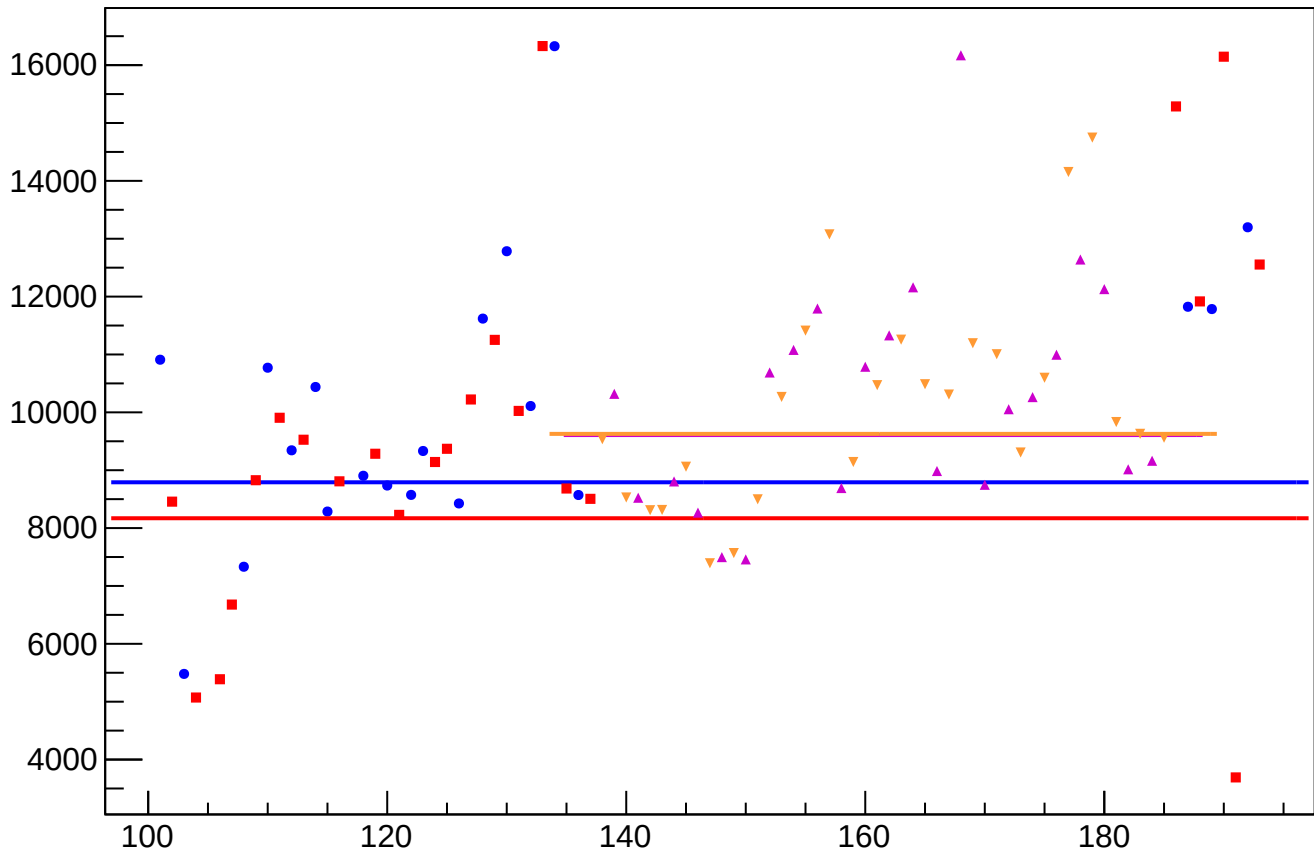
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF:14.6/22

+ sign 2042.737 $\pm$ 1874.449 χ^2 /NDF: 44.7/44

All: -1077.094 $\pm$ 1298.653 χ^2 /NDF: 84.8/90

- sign -3956.908 $\pm$ 1800.903 χ^2 /NDF: 34.8/45

asym_atr2_rms vs Slug



Right In: 8791.293+/-2.306 χ^2/NDF : 951990.7/19

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

Right Out: 8169.915+/-2.006 χ^2/NDF : 2084625.9/22

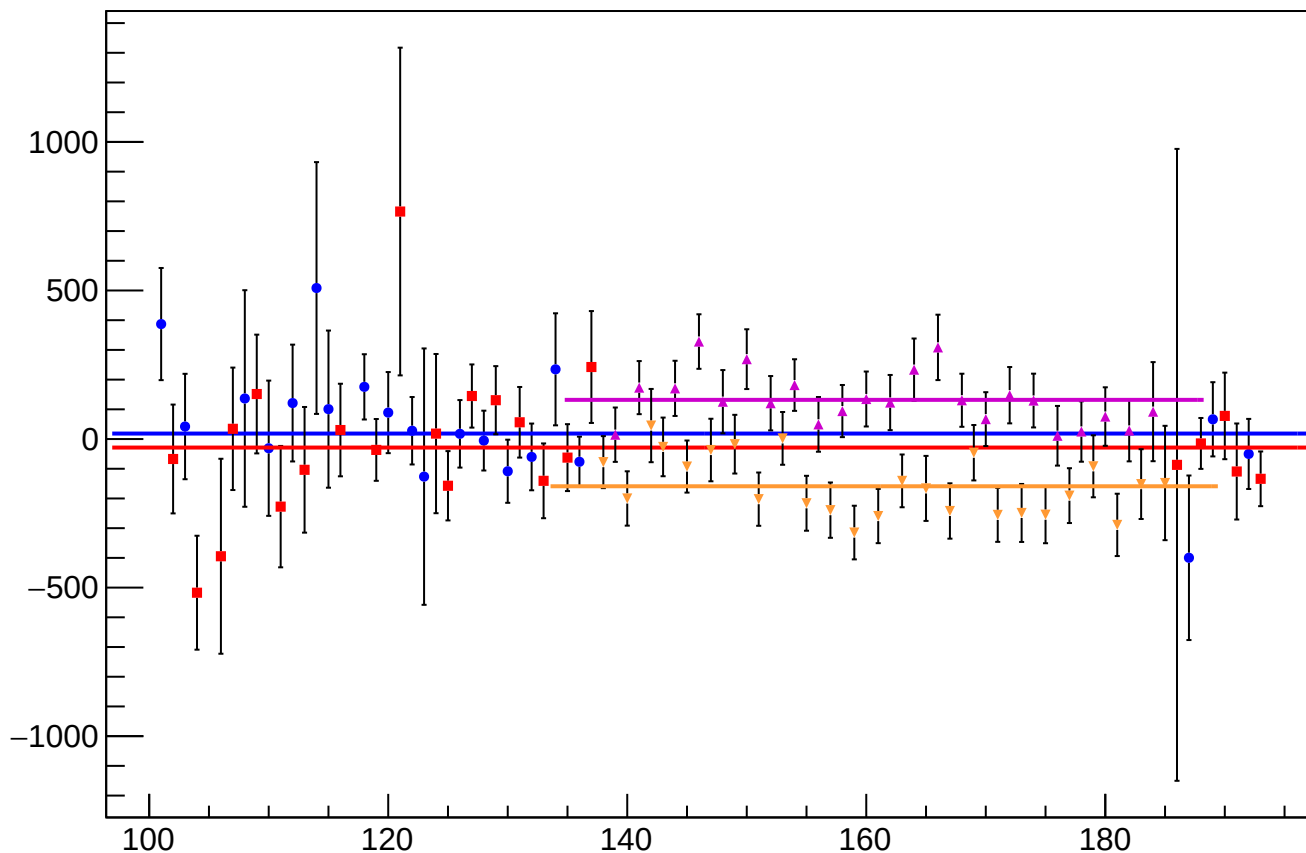
Left In: 9607.553+/-1.648 χ^2/NDF : 1085465.7/22

+ sign 9351.347+/-1.325 χ^2/NDF : 2044772.1/44

All: 9183.364+/-0.918 χ^2/NDF : 5552380.2/90

- sign 9028.308+/-1.273 χ^2/NDF : 3476719.1/45

dit_asym_sam1_mean vs Slug



Right In: 18.466+/-31.425 χ^2/NDF : 15.4/19

Left Out: -158.948+/-19.453 χ^2/NDF : 25.8/24

Right Out: -28.655+/-29.725 χ^2/NDF : 23.4/22

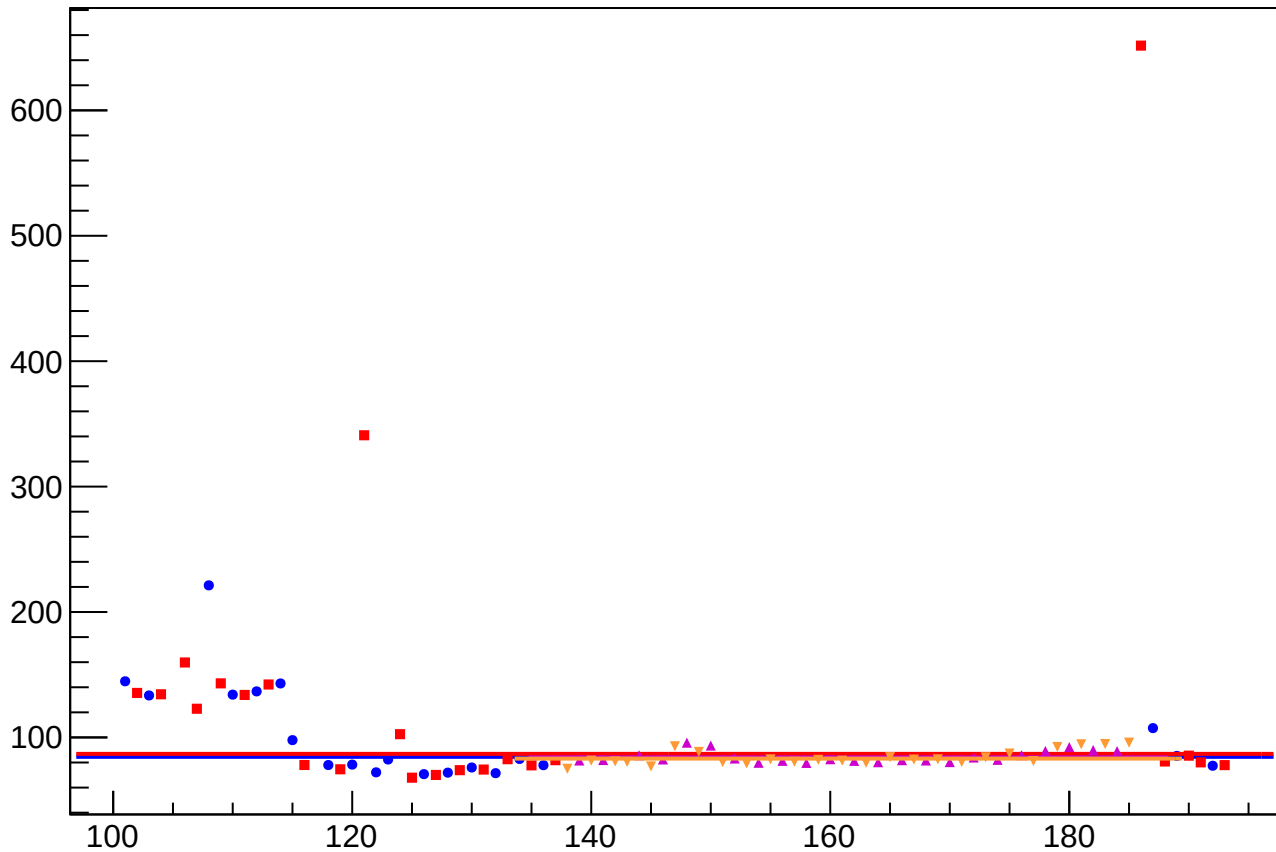
Left In: 131.879+/-20.076 χ^2/NDF : 17.8/22

+ sign -109.796+/-16.540 χ^2/NDF : 64.2/44

All: -14.660+/-11.730 χ^2/NDF : 192.0/90

- sign 81.590+/-16.637 χ^2/NDF : 61.2/45

dit_asym_sam1_rms vs Slug



Right In: 84.543+/-0.022 χ^2/NDF : 1085496.6/19

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

Right Out: 86.880+/-0.021 χ^2/NDF : 2054493.8/22

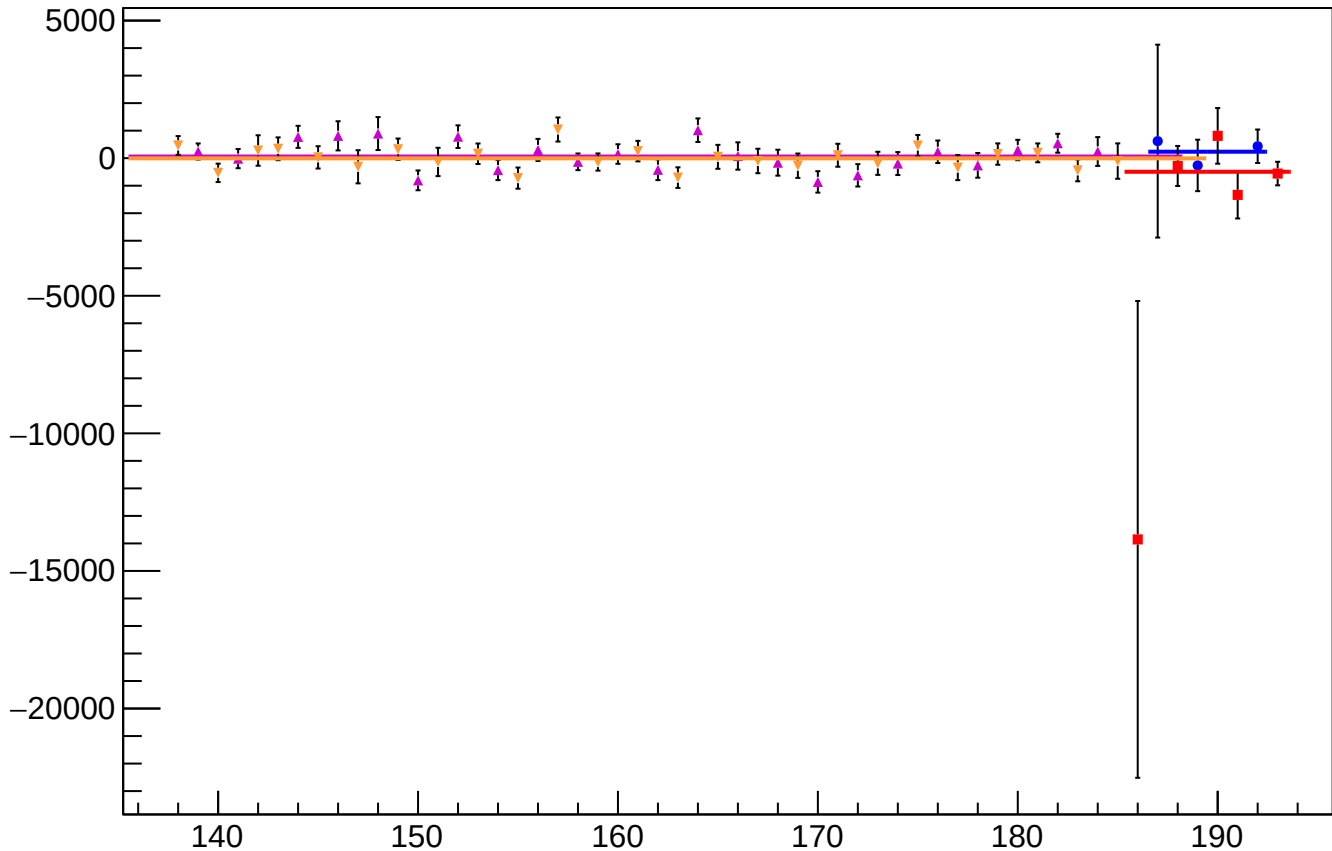
Left In: 84.108+/-0.014 χ^2/NDF :96934.3/22

+ sign 83.519+/-0.012 χ^2/NDF : 1227174.7/44

All: 84.243+/-0.008 χ^2/NDF : 3398267.6/90

- sign 84.977+/-0.012 χ^2/NDF : 2163368.4/45

asym_sam1_correction_mean vs Slug



Right In: 234.725 $\pm$ 504.342 χ^2 /NDF: 0.4/2

Left Out: -6.627 $\pm$ 81.138 χ^2 /NDF: 24.4/24

Right Out: -494.240 $\pm$ 321.089 χ^2 /NDF: 5.1/4

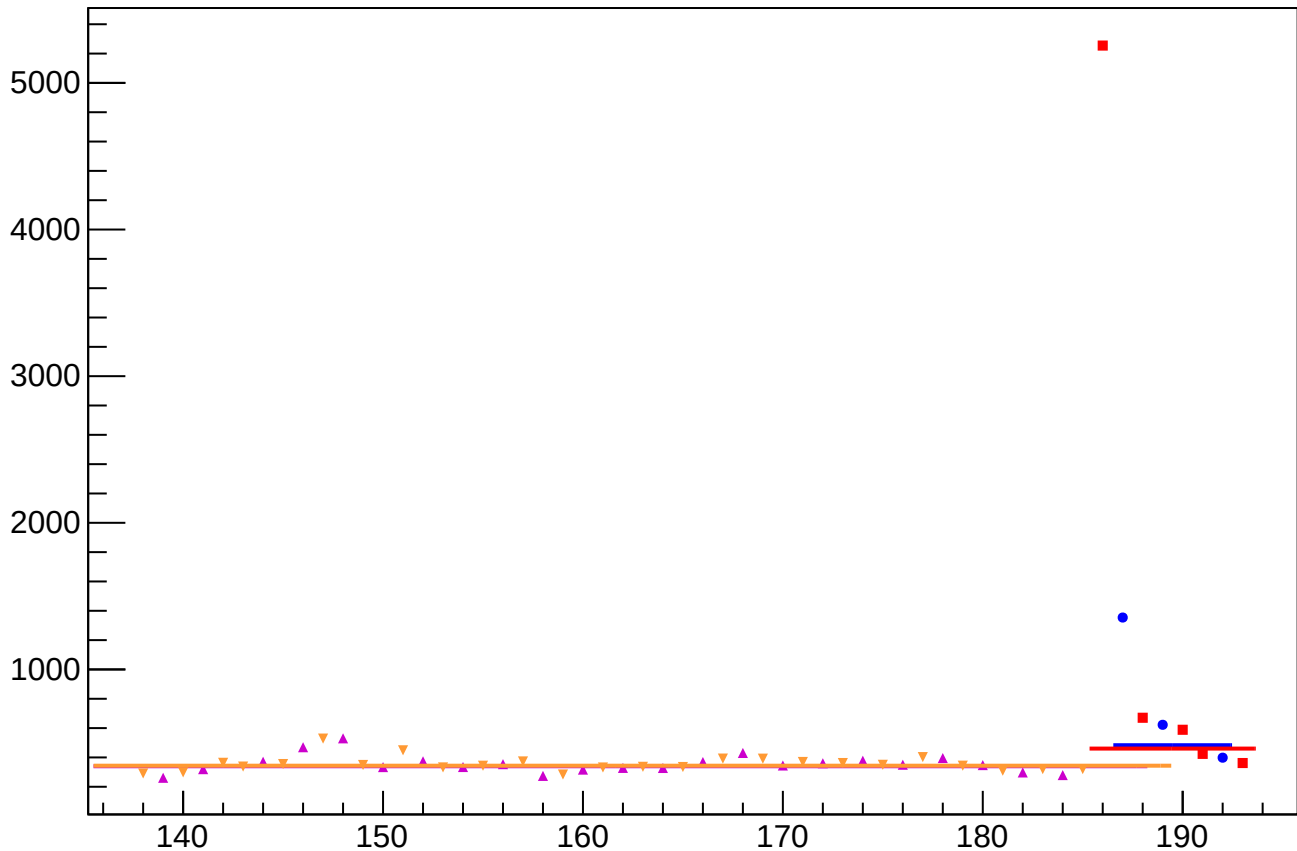
Left In: 59.971 $\pm$ 82.046 χ^2 /NDF: 38.0/22

+ sign -0.538 $\pm$ 80.108 χ^2 /NDF: 25.0/27

All: 12.835 $\pm$ 56.426 χ^2 /NDF: 71.0/55

- sign 26.003 $\pm$ 79.492 χ^2 /NDF: 45.9/27

asym_sam1_correction_rms vs Slug



Right In: 483.291+/-0.357 χ^2/NDF : 206927.8/2

Left Out: 343.620+/-0.057 χ^2/NDF : 571090.7/24

Right Out: 460.355+/-0.227 χ^2/NDF : 921172.4/4

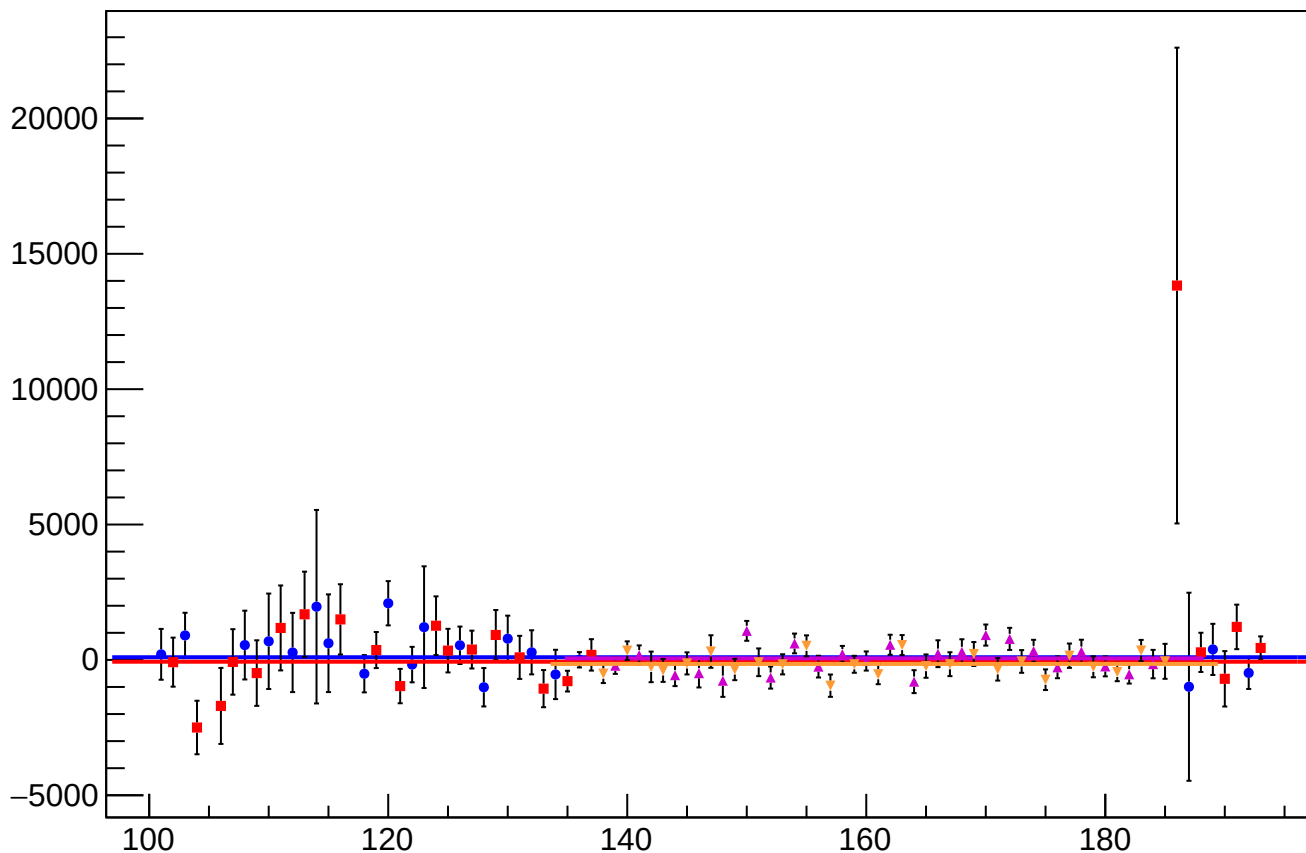
Left In: 339.804+/-0.058 χ^2/NDF : 799750.5/22

+ sign 347.144+/-0.057 χ^2/NDF : 927535.8/27

All: 347.168+/-0.040 χ^2/NDF : 2913096.6/55

- sign 347.193+/-0.056 χ^2/NDF : 1985560.5/27

asym_sam1_mean vs Slug



Right In: 97.911 ± 168.581 χ^2/NDF : 14.0/19

Left Out: -148.809 ± 81.017 χ^2/NDF : 22.0/24

Right Out: -66.851 ± 159.764 χ^2/NDF : 29.4/22

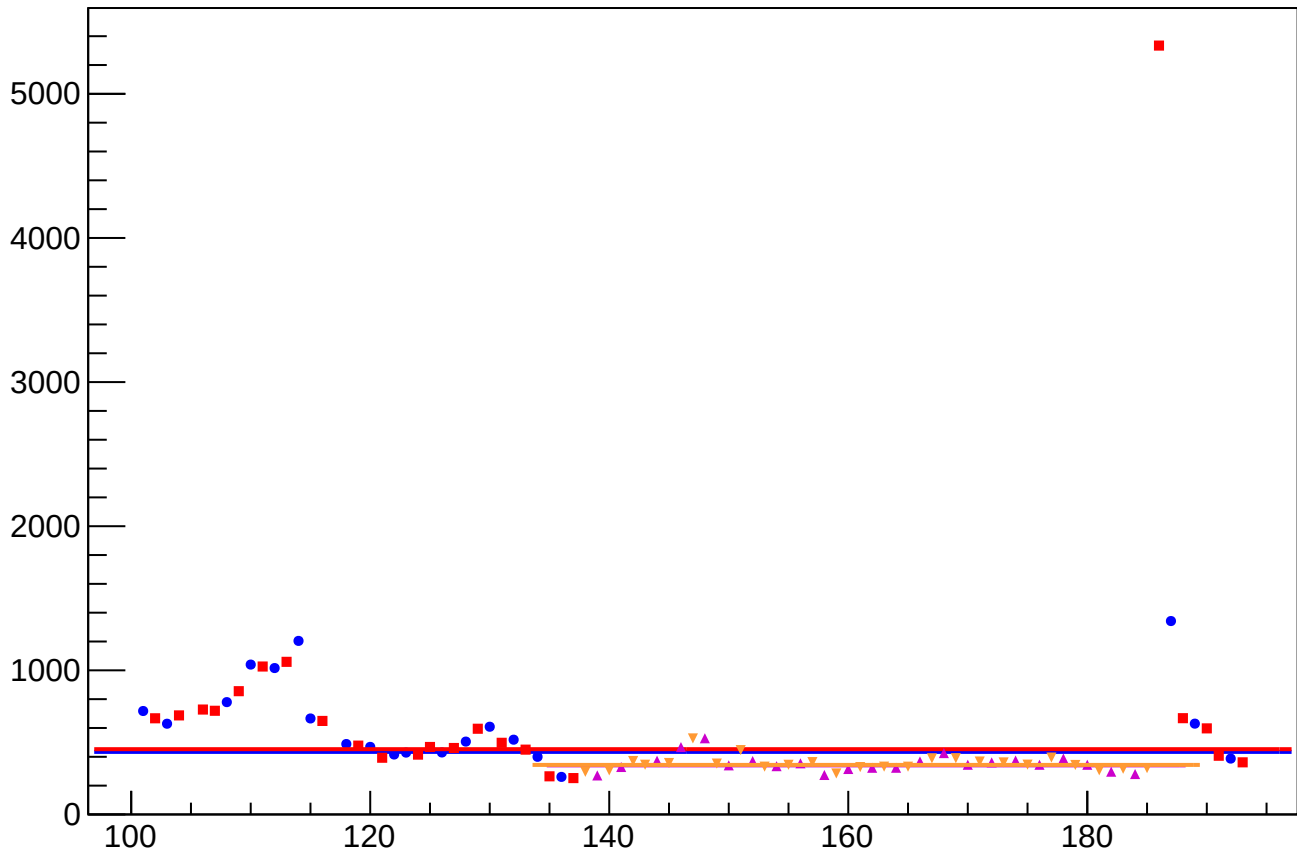
Left In: 56.402 ± 82.155 χ^2/NDF : 39.7/22

+ sign -102.518 ± 73.022 χ^2/NDF : 37.7/44

All: -35.982 ± 51.648 χ^2/NDF : 109.0/90

- sign 30.626 ± 73.061 χ^2/NDF : 69.5/45

asym_sam1_rms vs Slug



Right In: 434.079+/-0.119 χ^2/NDF : 2249157.1/19

Left Out: 343.762+/-0.057 χ^2/NDF : 539246.3/24

Right Out: 452.969+/-0.113 χ^2/NDF : 2958659.6/22

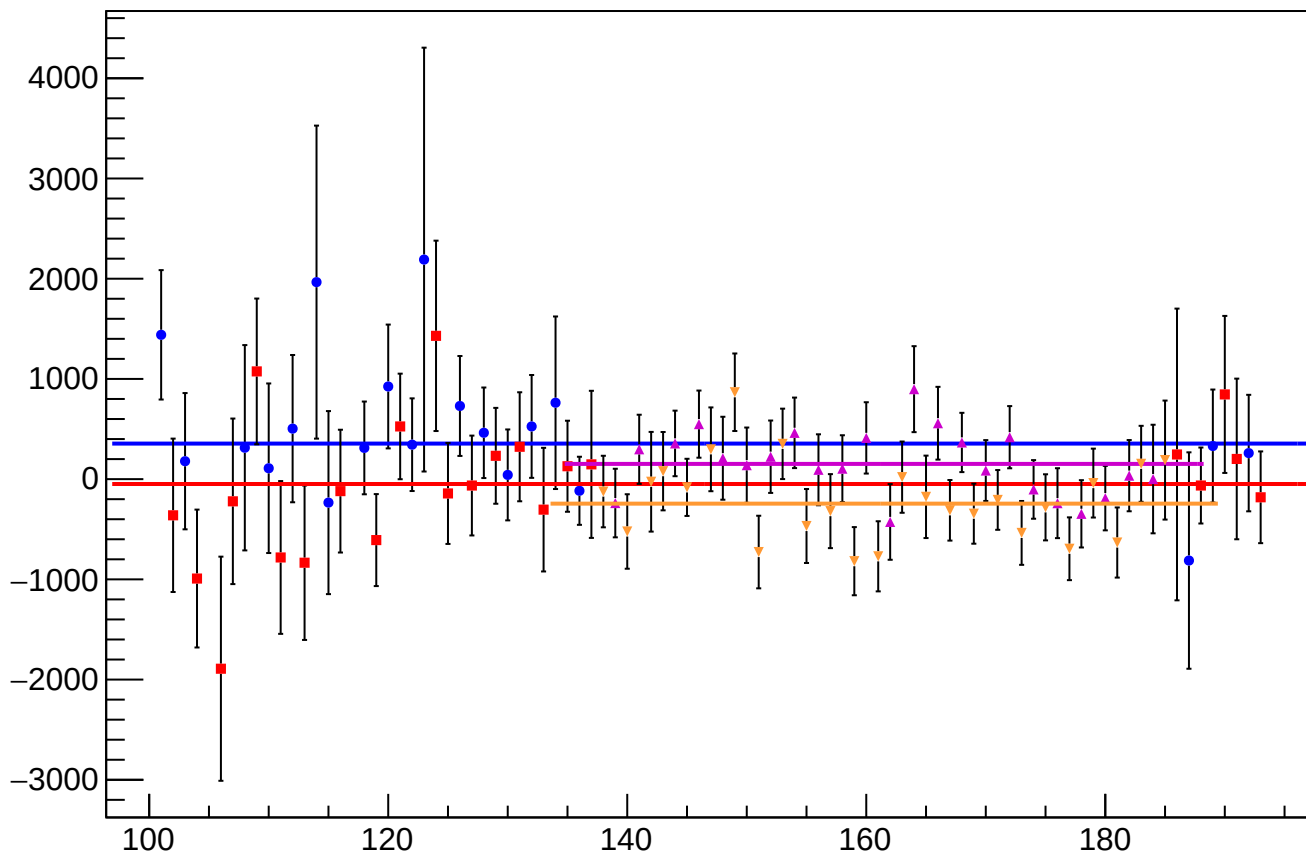
Left In: 340.519+/-0.058 χ^2/NDF : 737049.6/22

+ sign 360.708+/-0.052 χ^2/NDF : 3254755.6/44

All: 362.371+/-0.037 χ^2/NDF : 7736146.5/90

- sign 364.036+/-0.052 χ^2/NDF : 4479314.7/45

dit_asym_sam2_mean vs Slug



Right In: 354.820 ± 132.304 χ^2/NDF : 10.7/19

Left Out: -244.459 ± 70.636 χ^2/NDF : 28.9/24

Right Out: -48.484 ± 125.043 χ^2/NDF : 17.0/22

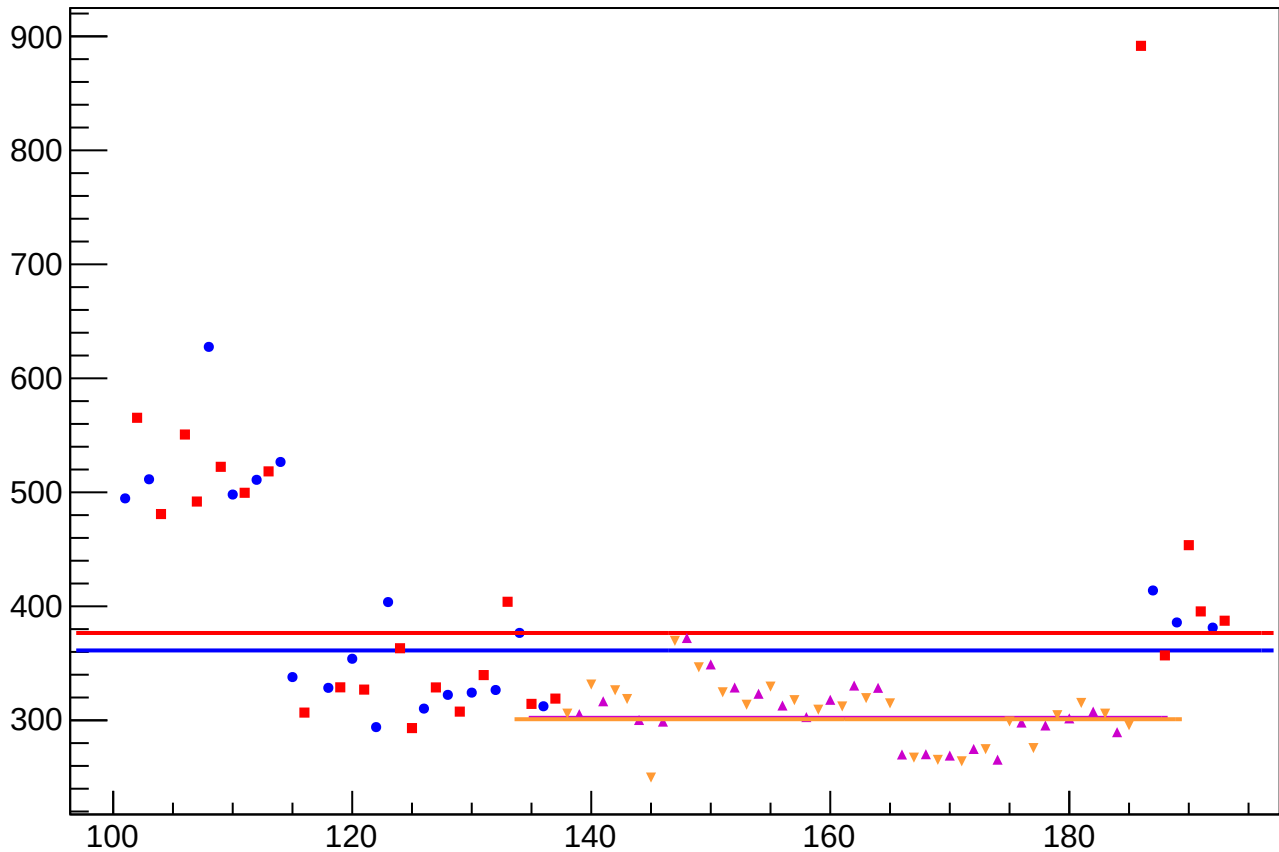
Left In: 152.030 ± 72.312 χ^2/NDF : 18.2/22

+ sign -111.530 ± 62.312 χ^2/NDF : 55.5/44

All: -5.366 ± 44.162 χ^2/NDF : 98.5/90

- sign 101.778 ± 62.598 χ^2/NDF : 37.1/45

dit_asym_sam2_rms vs Slug



Right In: 361.288 ± 0.094 χ^2/NDF : 641915.3/19

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

Right Out: 376.607 ± 0.088 χ^2/NDF : 976276.1/22

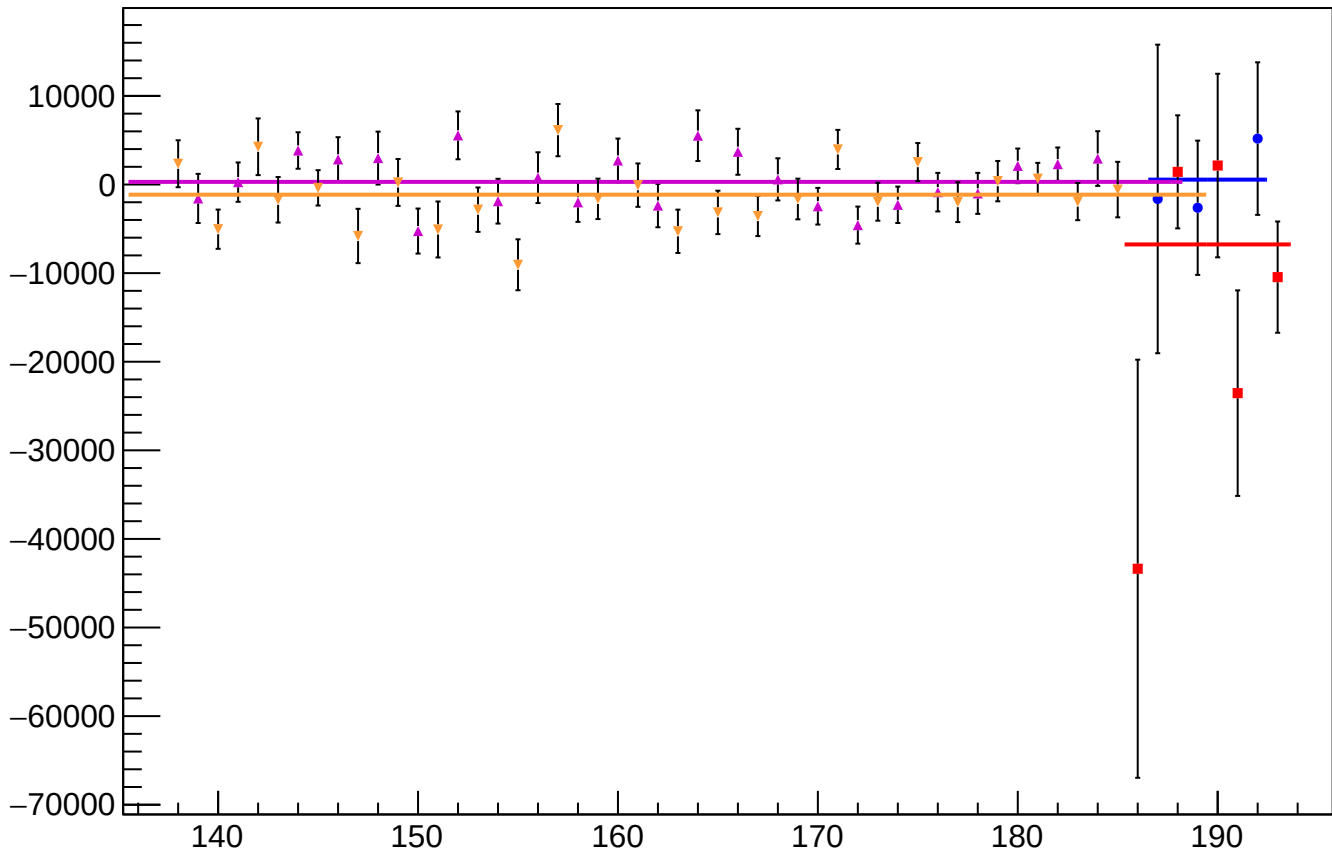
Left In: 302.180 ± 0.051 χ^2/NDF : 247468.9/22

+ sign 314.342 ± 0.044 χ^2/NDF : 1287708.4/44

All: 317.572 ± 0.031 χ^2/NDF : 3053238.2/90

- sign 320.832 ± 0.044 χ^2/NDF : 1754731.0/45

asym_sam2_correction_mean vs Slug



Right In: 552.099 ± 5406.871 χ^2/NDF : 0.5/2

Left Out: -1146.466 ± 479.950 χ^2/NDF : 41.3/24

Right Out: -6759.972 ± 3821.676 χ^2/NDF : 7.2/4

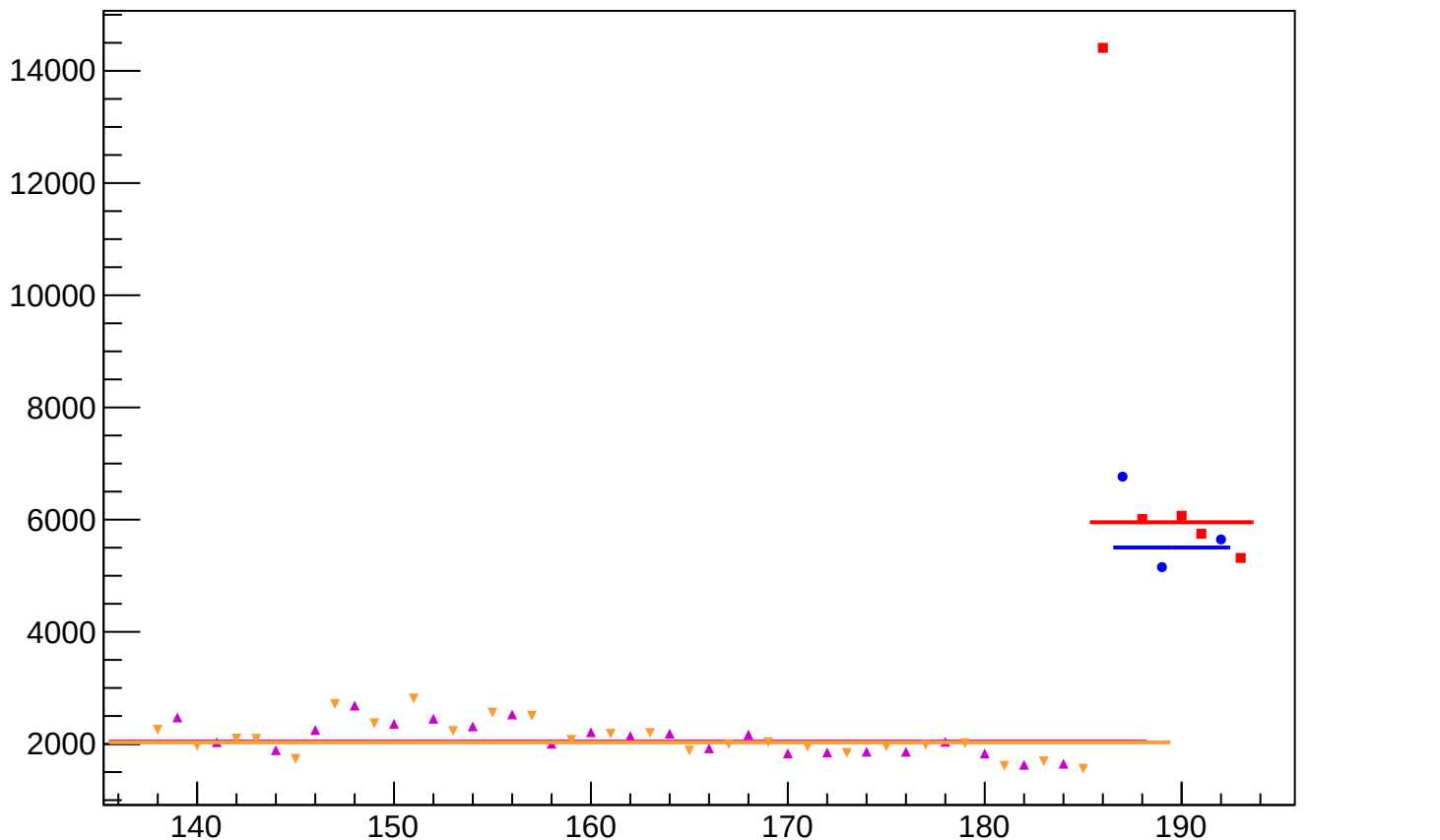
Left In: 298.915 ± 491.476 χ^2/NDF : 35.0/22

+ sign -1133.187 ± 478.071 χ^2/NDF : 41.9/27

All: -487.369 ± 341.319 χ^2/NDF : 91.1/55

- sign 184.071 ± 487.461 χ^2/NDF : 45.6/27

asym_sam2_correction_rms vs Slug



Right In: 5503.834+/-3.823 χ^2/NDF : 15351.5/2

Left Out: 2030.179+/-0.339 χ^2/NDF : 702523.9/24

Right Out: 5953.387+/-2.702 χ^2/NDF : 278443.8/4

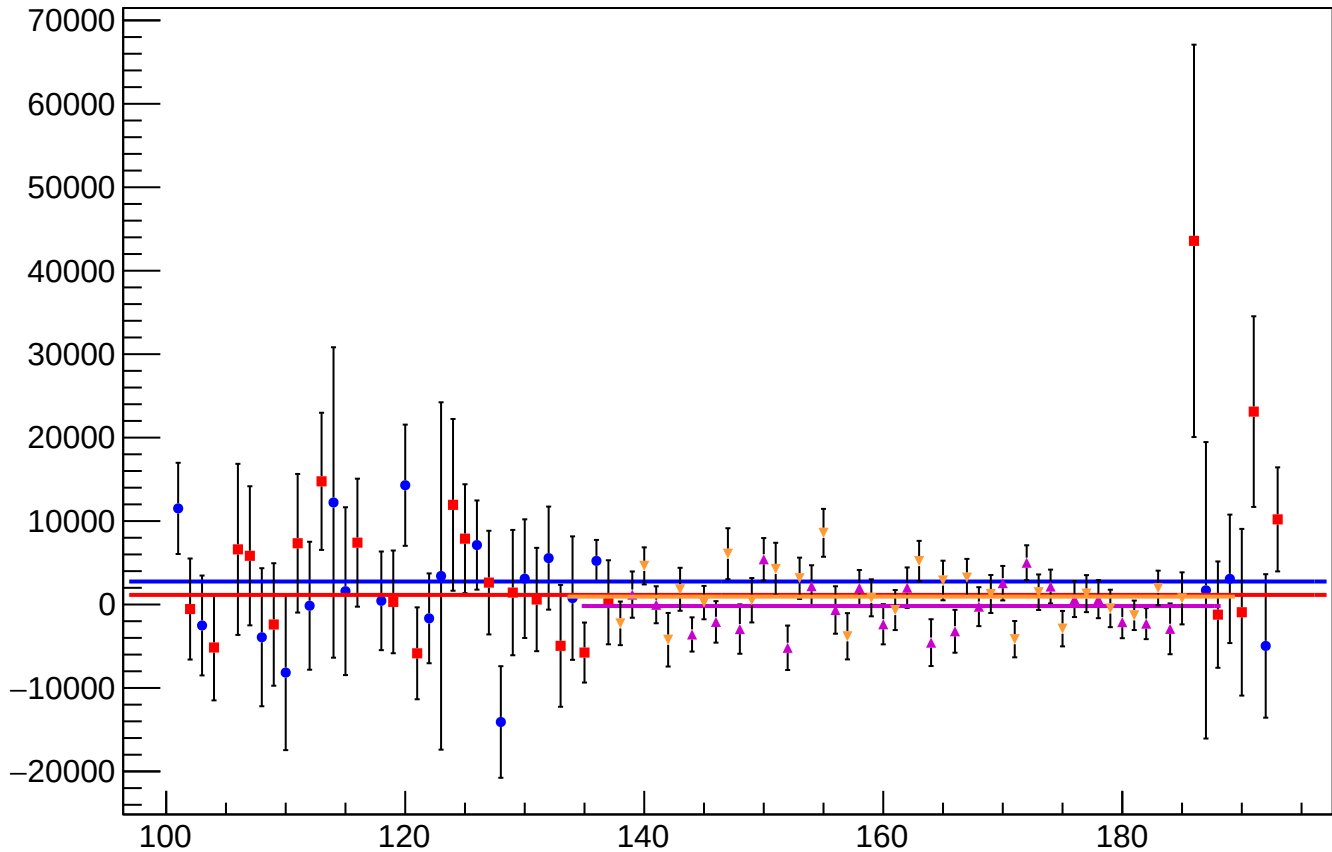
Left In: 2044.056+/-0.348 χ^2/NDF : 570535.5/22

+ sign 2057.336+/-0.338 χ^2/NDF : 1536910.4/27

All: 2082.008+/-0.241 χ^2/NDF : 4455503.5/55

- sign 2107.658+/-0.345 χ^2/NDF : 2907728.7/27

asym_sam2_mean vs Slug



Right In: 2756.592 $\pm$ 1392.778 χ^2 /NDF: 18.2/19

Left Out: 942.775 $\pm$ 474.439 χ^2 /NDF: 38.3/24

Right Out: 1150.847 $\pm$ 1402.433 χ^2 /NDF: 23.4/22

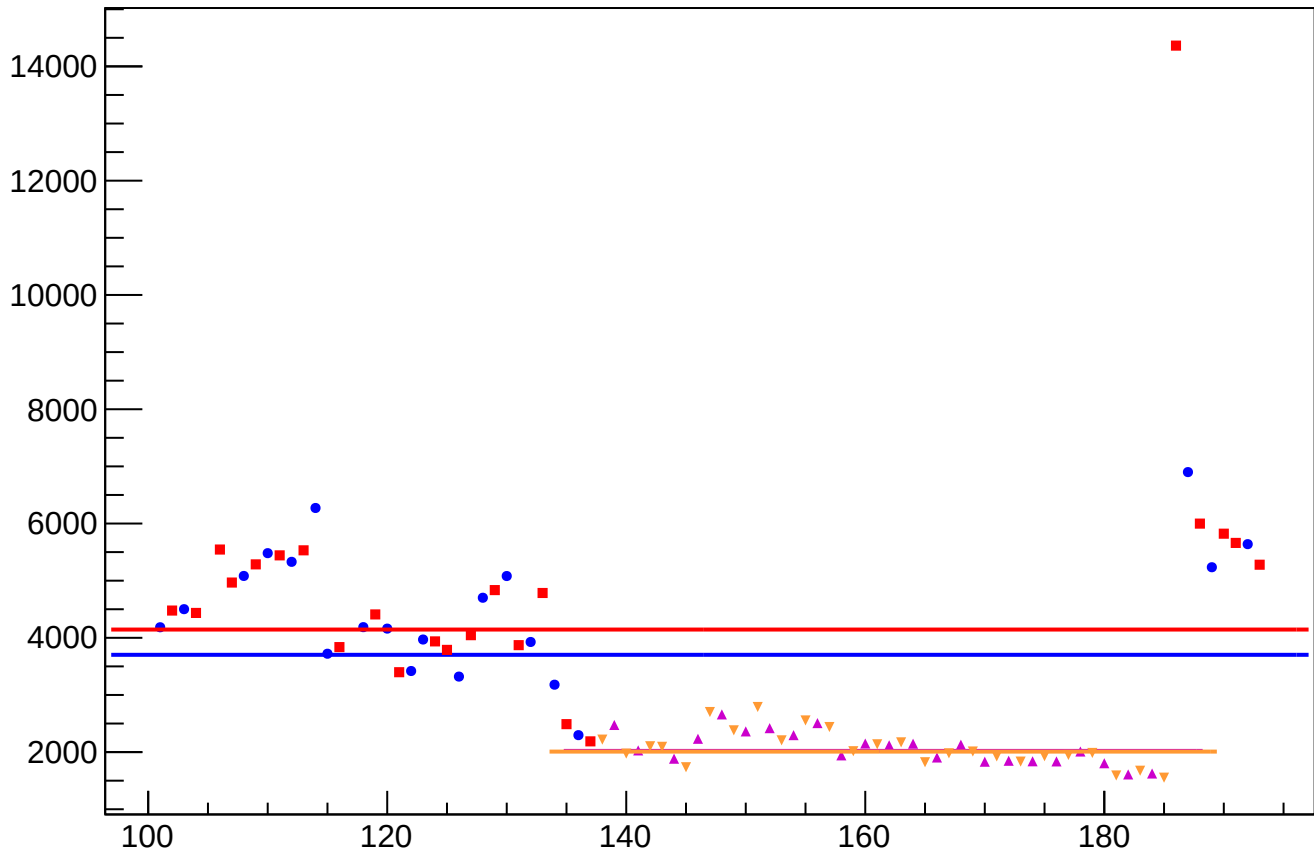
Left In: -180.087 $\pm$ 486.112 χ^2 /NDF: 32.9/22

+ sign 1131.362 $\pm$ 449.098 χ^2 /NDF: 58.0/44

All: 560.141 $\pm$ 321.107 χ^2 /NDF: 118.4/90

- sign -37.333 $\pm$ 459.302 χ^2 /NDF: 57.1/45

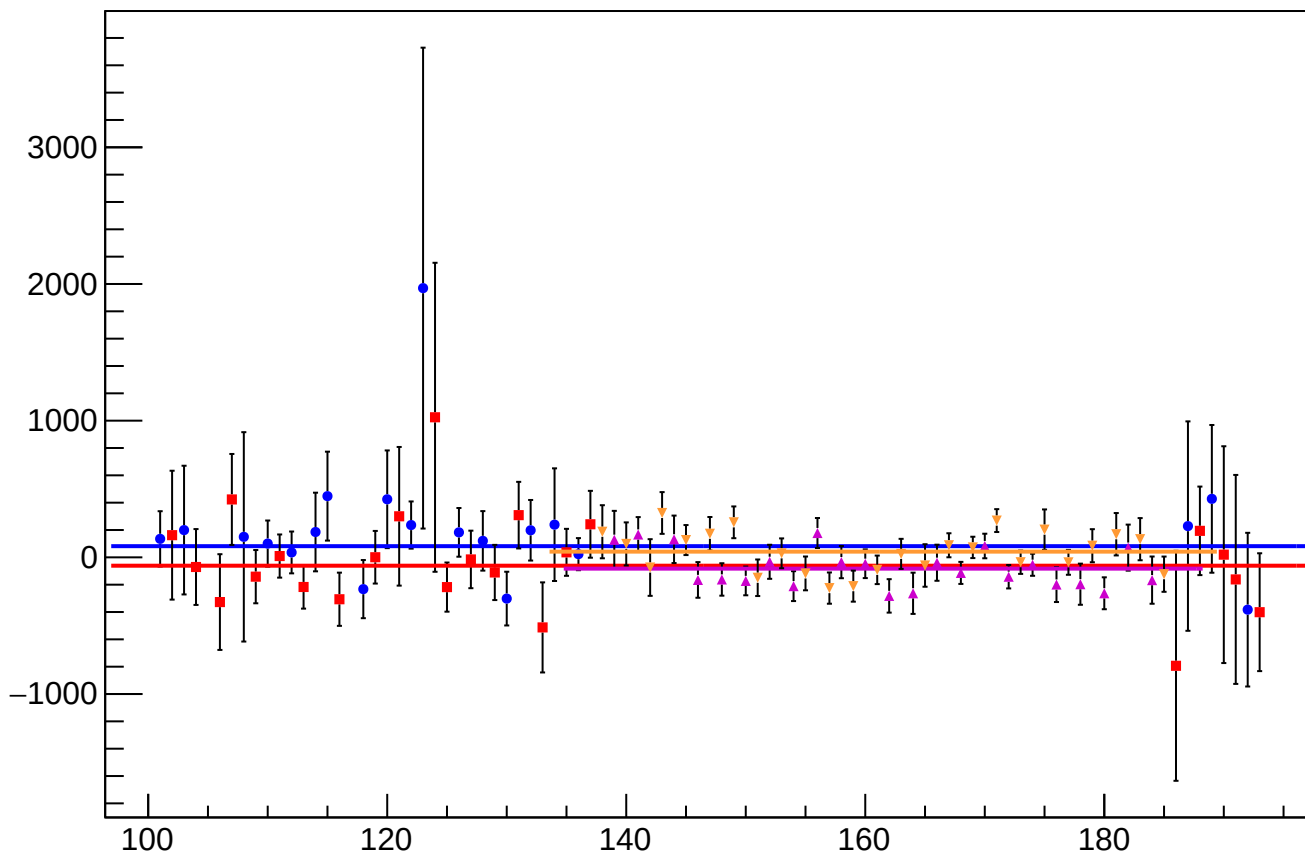
asym_sam2_rms vs Slug



Right In: 3702.565 ± 0.985 χ^2/NDF : 1350419.8/19
 Left Out: 2008.897 ± 0.335 χ^2/NDF : 709254.4/24
 Right Out: 4144.726 ± 0.992 χ^2/NDF : 1739174.2/22
 Left In: 2020.887 ± 0.344 χ^2/NDF : 576363.5/22

+ sign 2184.992 ± 0.318 χ^2/NDF : 4709659.9/44
 All: 2216.124 ± 0.227 χ^2/NDF : 11139680.3/5
 - sign 2248.688 ± 0.325 χ^2/NDF : 6410356.2/45

dit_asym_sam3_mean vs Slug



Right In: 81.759 ± 51.337 χ^2/NDF : 12.7/19

Left Out: 41.847 ± 23.035 χ^2/NDF : 39.1/24

Right Out: -61.157 ± 51.752 χ^2/NDF : 16.3/22

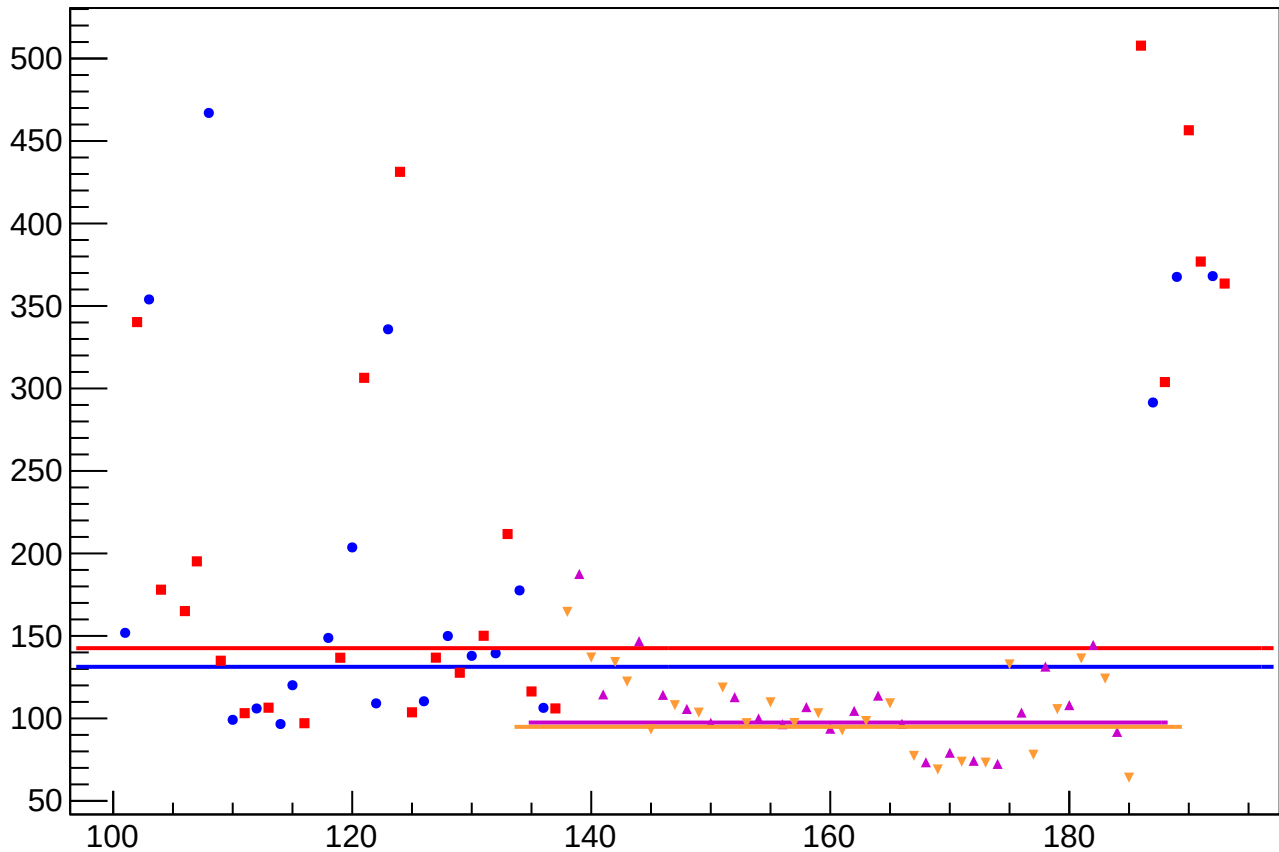
Left In: -82.630 ± 24.154 χ^2/NDF : 28.6/22

+ sign 48.536 ± 21.017 χ^2/NDF : 52.3/44

All: -12.544 ± 15.159 χ^2/NDF : 115.0/90

- sign -78.789 ± 21.887 χ^2/NDF : 45.1/45

dit_asym_sam3_rms vs Slug



Right In: 131.274 $\pm$ 0.036 χ^2 /NDF: 2153638.2/19

Left Out: 94.886 $\pm$ 0.016 χ^2 /NDF:1796861.0/24

Right Out: 142.588 $\pm$ 0.037 χ^2 /NDF: 3311492.2/22

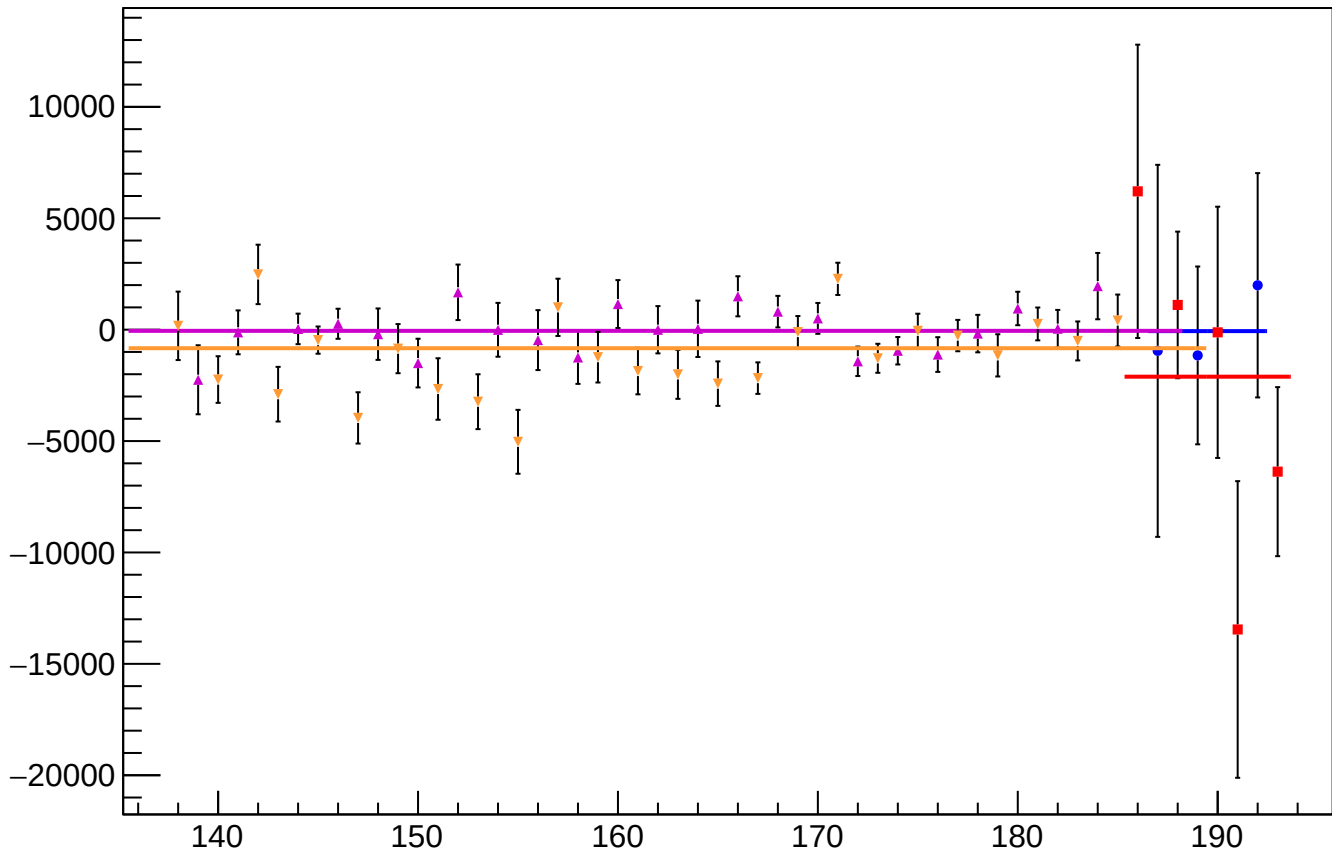
Left In: 97.499 $\pm$ 0.017 χ^2 /NDF:1561333.1/22

+ sign 100.985 $\pm$ 0.015 χ^2 /NDF: 4786906.9/44

All: 103.181 $\pm$ 0.011 χ^2 /NDF: 10951920.3/90

- sign 105.564 $\pm$ 0.015 χ^2 /NDF: 6119474.2/45

asym_sam3_correction_mean vs Slug



Right In: -65.256 ± 2928.561 χ^2/NDF : 0.3/2

Left Out: -832.580 ± 183.960 χ^2/NDF : 68.8/24

Right Out: -2110.925 ± 2045.731 χ^2/NDF : 6.8/4

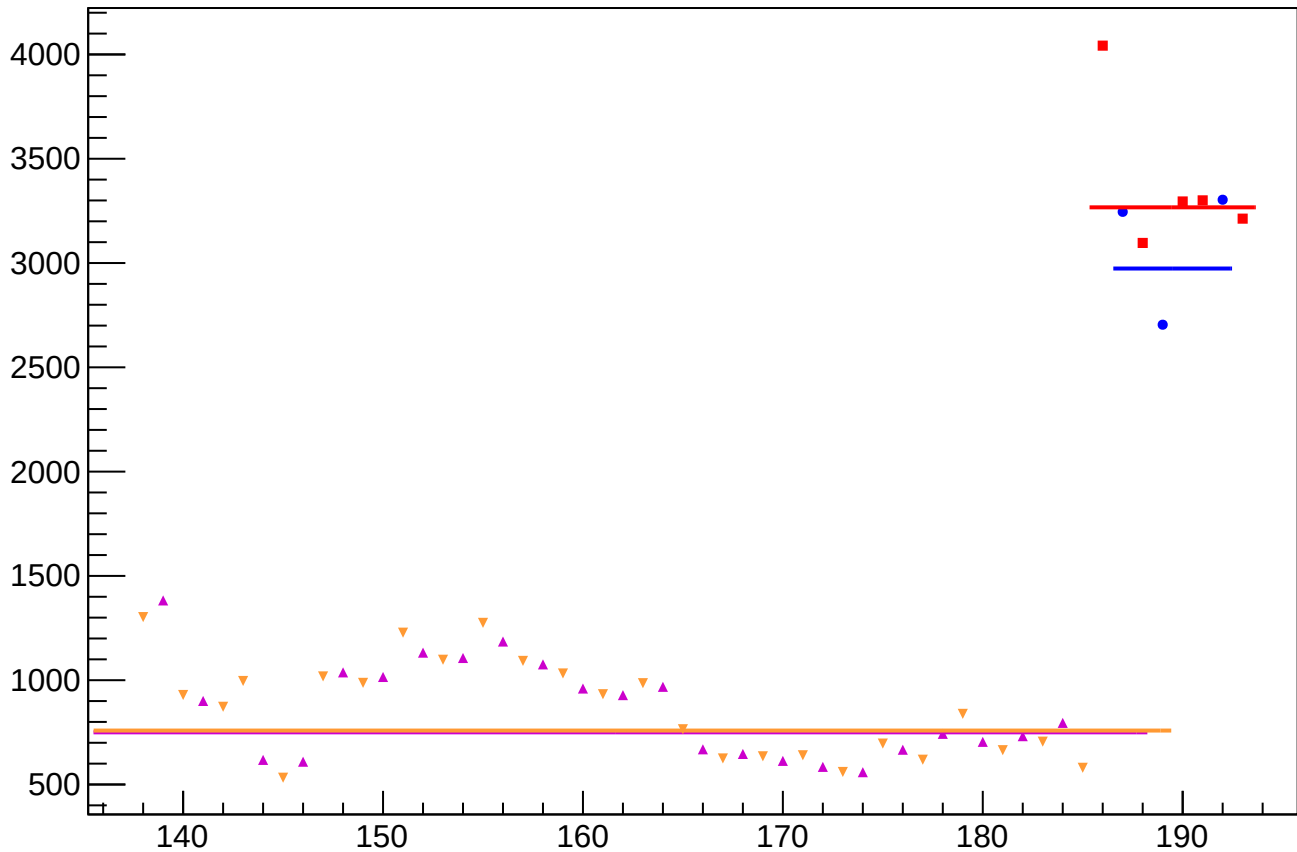
Left In: -53.006 ± 184.870 χ^2/NDF : 25.3/22

+ sign -829.564 ± 183.598 χ^2/NDF : 69.1/27

All: -450.698 ± 130.008 χ^2/NDF : 110.8/55

- sign -69.676 ± 184.120 χ^2/NDF : 33.2/27

asym_sam3_correction_rms vs Slug



Right In: 2973.664 $\pm$ 2.071 χ^2 /NDF: 19813.0/2

Left Out: 758.608 $\pm$ 0.130 χ^2 /NDF: 2453711.9/24

Right Out: 3267.002 $\pm$ 1.447 χ^2 /NDF: 33620.6/4

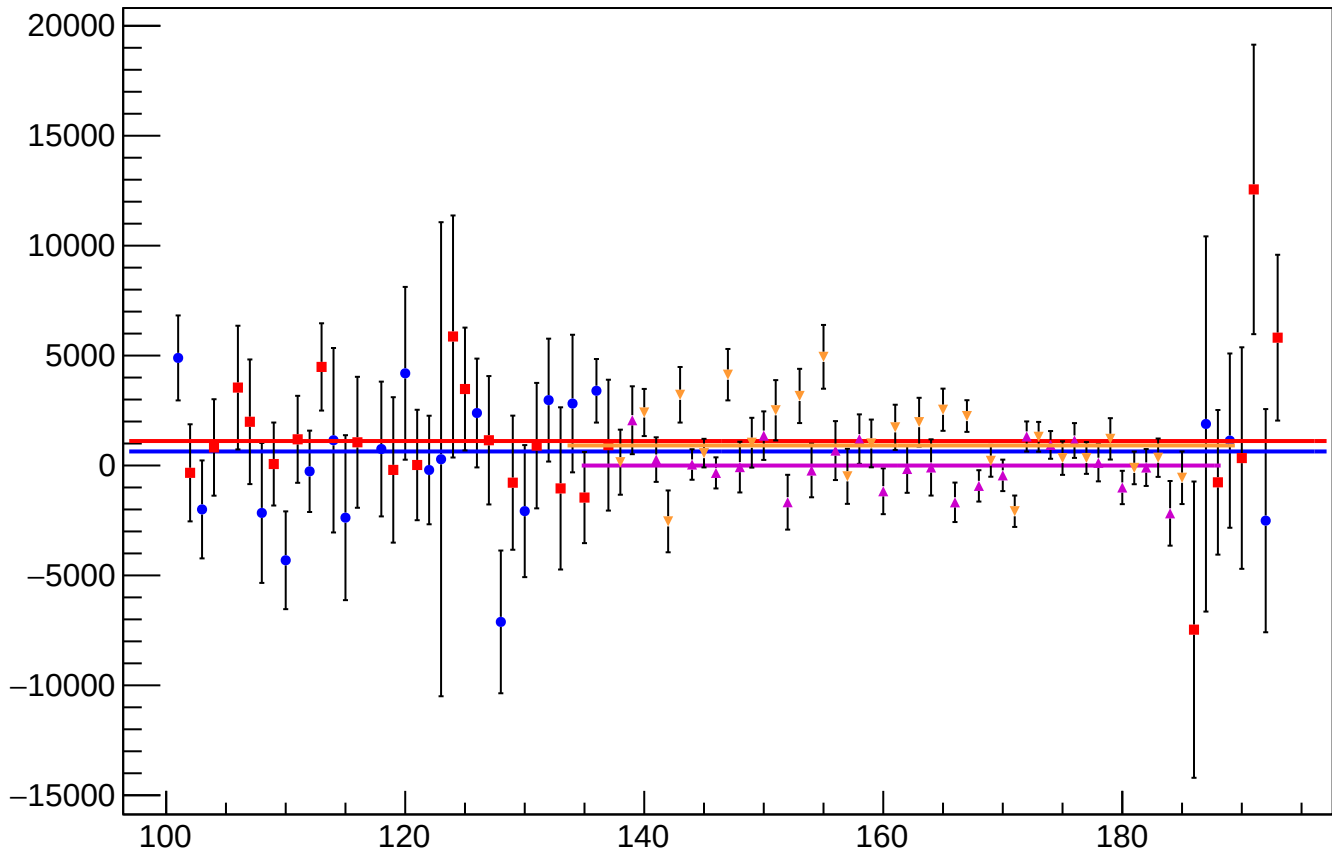
Left In: 749.995 $\pm$ 0.131 χ^2 /NDF: 2186634.5/22

+ sign 767.313 $\pm$ 0.130 χ^2 /NDF: 3613199.0/27

All: 768.844 $\pm$ 0.092 χ^2 /NDF: 8836828.8/55

- sign 770.384 $\pm$ 0.130 χ^2 /NDF: 5223351.0/27

asym_sam3_mean vs Slug



Right In: 638.259 ± 605.515 χ^2/NDF : 26.1/19

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

Right Out: 1112.402 ± 578.198 χ^2/NDF : 15.1/22

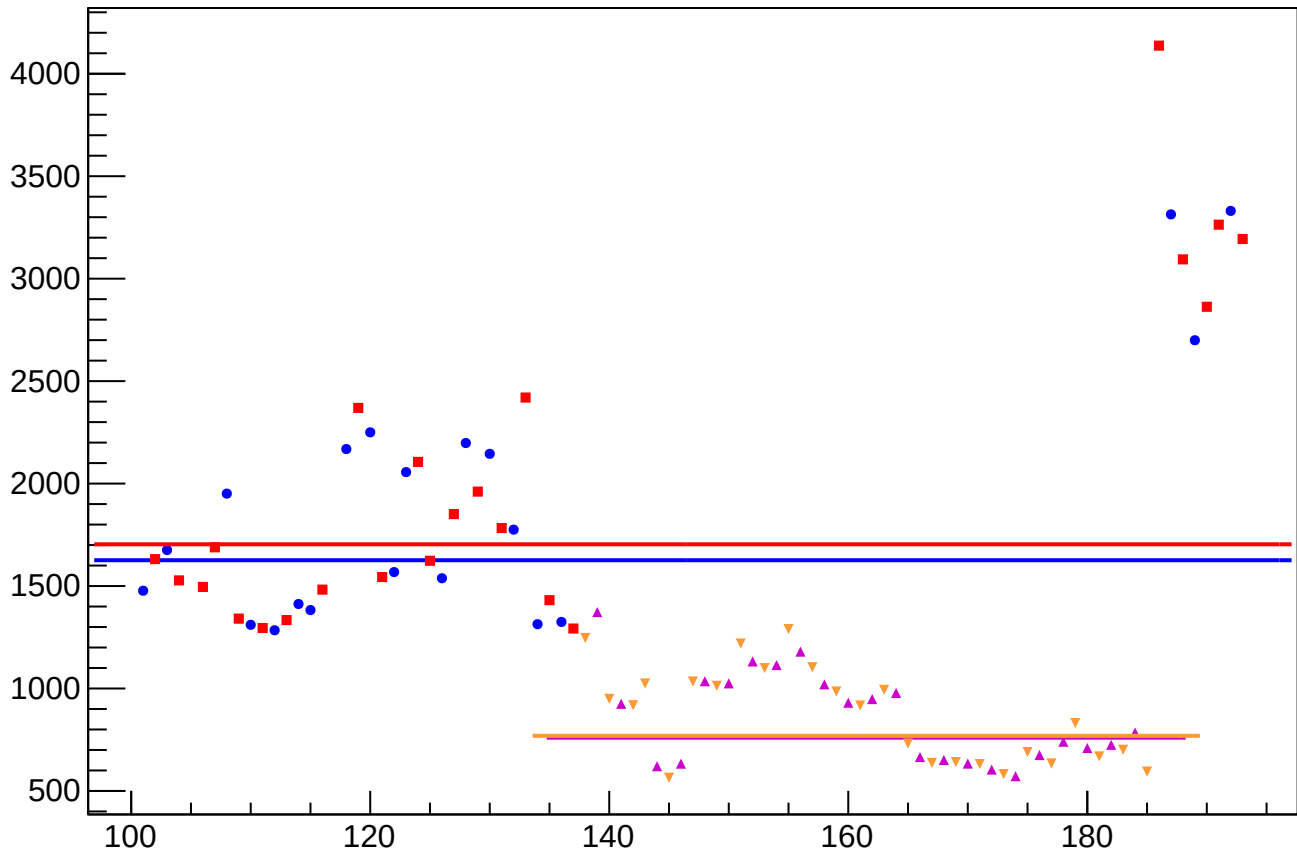
Left In: -2.470 ± 187.271 χ^2/NDF : 25.6/22

+ sign 888.300 ± 177.892 χ^2/NDF : 91.2/44

All: 496.430 ± 125.883 χ^2/NDF : 145.0/90

- sign 103.380 ± 178.159 χ^2/NDF : 44.1/45

asym_sam3_rms vs Slug



Right In: 1625.999 $\pm$ 0.428 χ^2 /NDF: 960299.7/19

Left Out: 769.207 $\pm$ 0.132 χ^2 /NDF: 2275390.6/24

Right Out: 1703.691 $\pm$ 0.409 χ^2 /NDF: 1684482.5/22

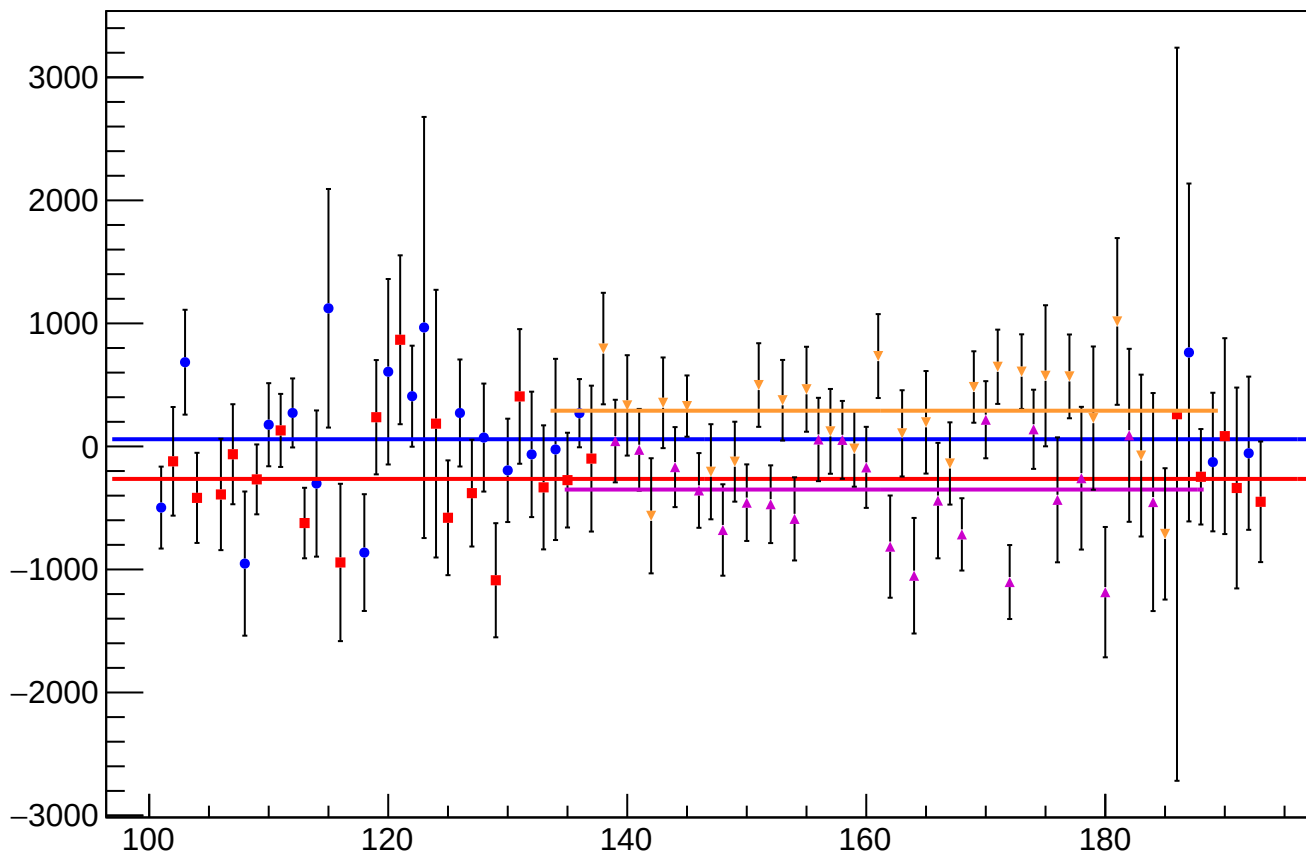
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ sign 843.157 $\pm$ 0.126 χ^2 /NDF: 6894412.1/44

All: 846.343 $\pm$ 0.089 χ^2 /NDF: 15417380.8/90

- sign 849.538 $\pm$ 0.126 χ^2 /NDF: 8521683.8/45

dit_asym_sam4_mean vs Slug



Right In: 58.495 $\pm$ 101.858 χ^2 /NDF: 17.2/19

Left Out: 290.293 $\pm$ 72.910 χ^2 /NDF: 22.3/24

Right Out: -264.046 $\pm$ 93.297 χ^2 /NDF: 14.8/22

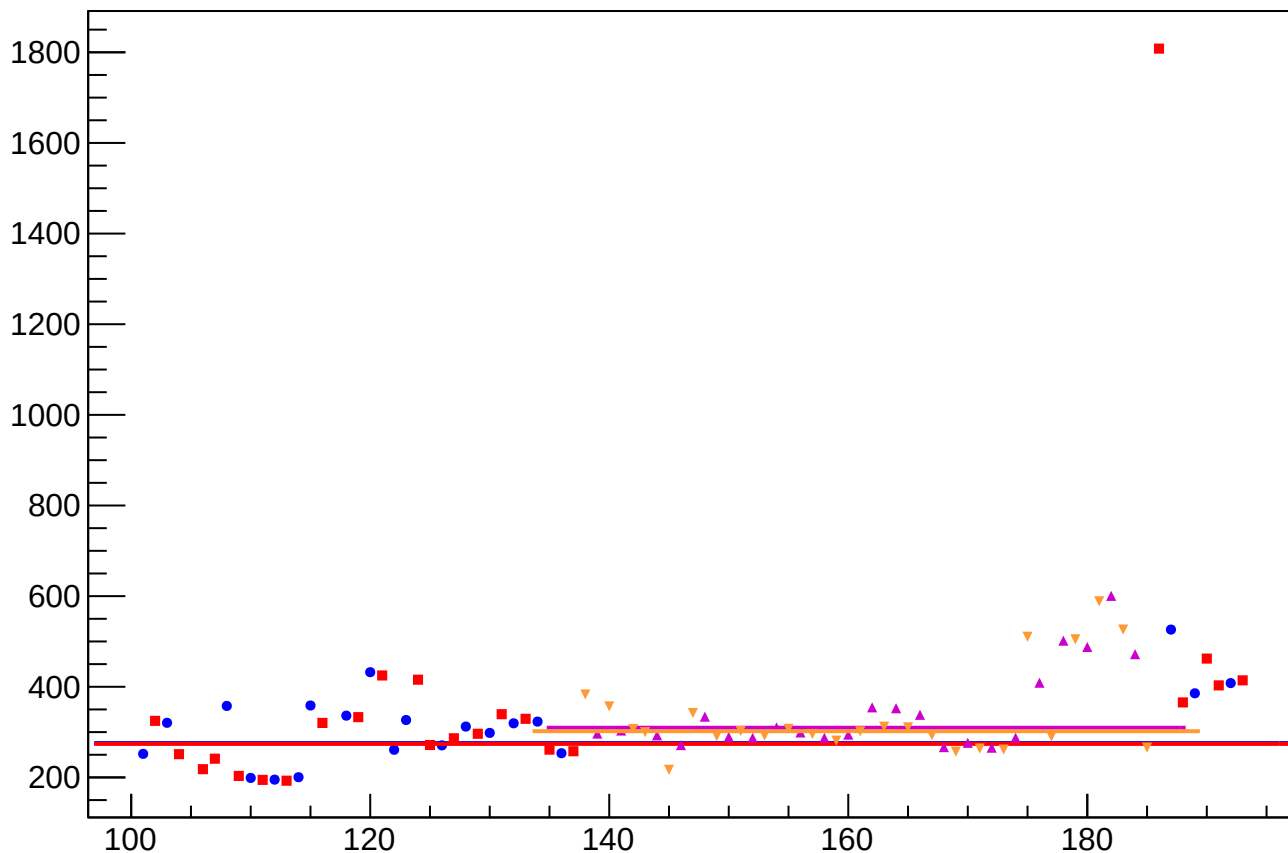
Left In: -350.522 $\pm$ 75.911 χ^2 /NDF: 27.4/22

+ sign 211.763 $\pm$ 59.287 χ^2 /NDF: 42.9/44

All: -53.962 $\pm$ 41.778 χ^2 /NDF: 125.5/90

- sign -316.077 $\pm$ 58.882 χ^2 /NDF: 42.7/45

dit_asym_sam4_rms vs Slug



Right In: 275.731 $\pm$ 0.072 χ^2 /NDF: 798796.9/19

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

Right Out: 274.005 $\pm$ 0.066 χ^2 /NDF: 1708368.1/22

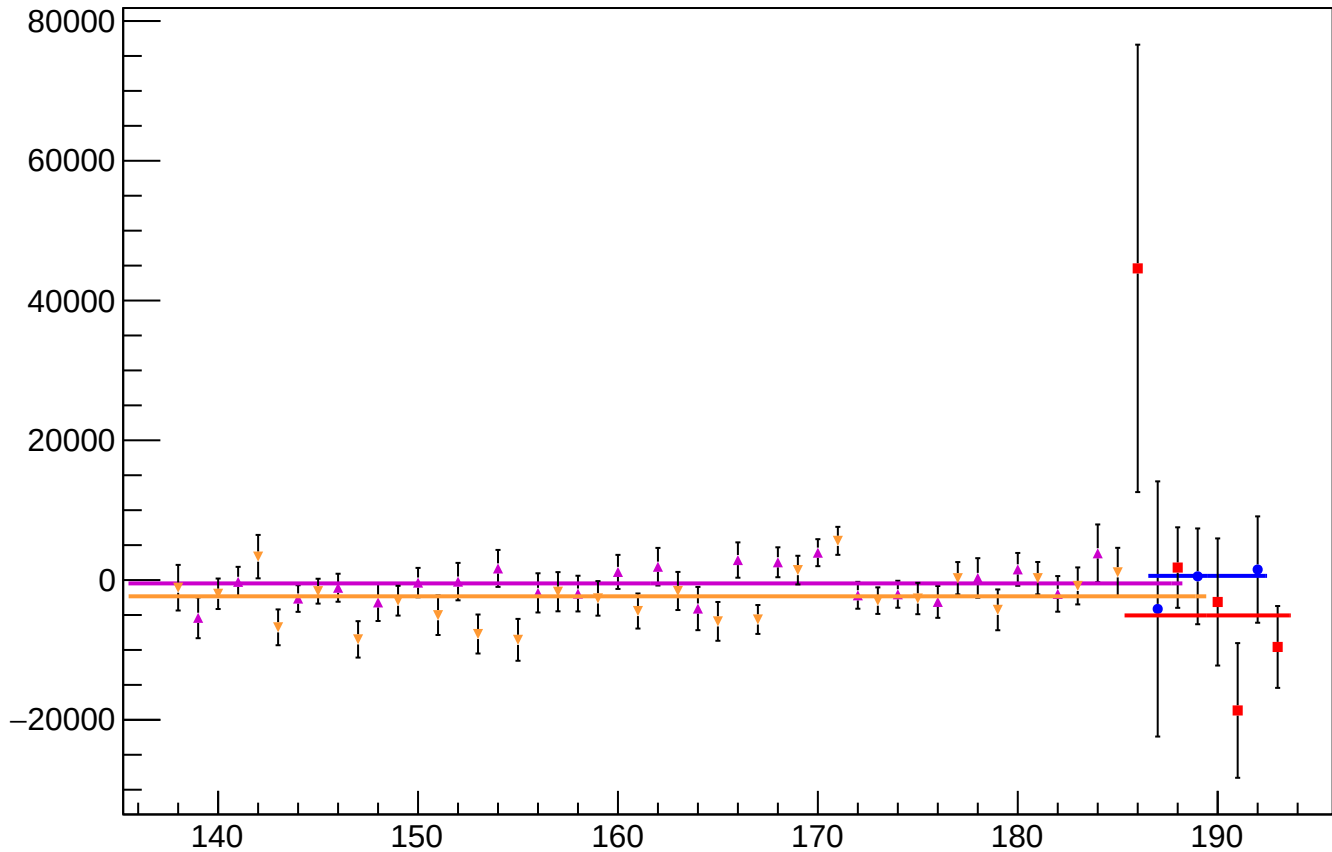
Left In: 309.609 $\pm$ 0.054 χ^2 /NDF:1180280.8/22

+ sign 293.127 $\pm$ 0.042 χ^2 /NDF: 2484261.4/44

All: 294.285 $\pm$ 0.030 χ^2 /NDF: 5549678.2/90

- sign 295.427 $\pm$ 0.042 χ^2 /NDF: 3063901.0/45

asym_sam4_correction_mean vs Slug



Right In: 600.209 ± 4905.858 χ^2/NDF : 0.1/2

Left Out: -2325.488 ± 486.043 χ^2/NDF : 49.8/24

Right Out: -5059.119 ± 3468.875 χ^2/NDF : 6.4/4

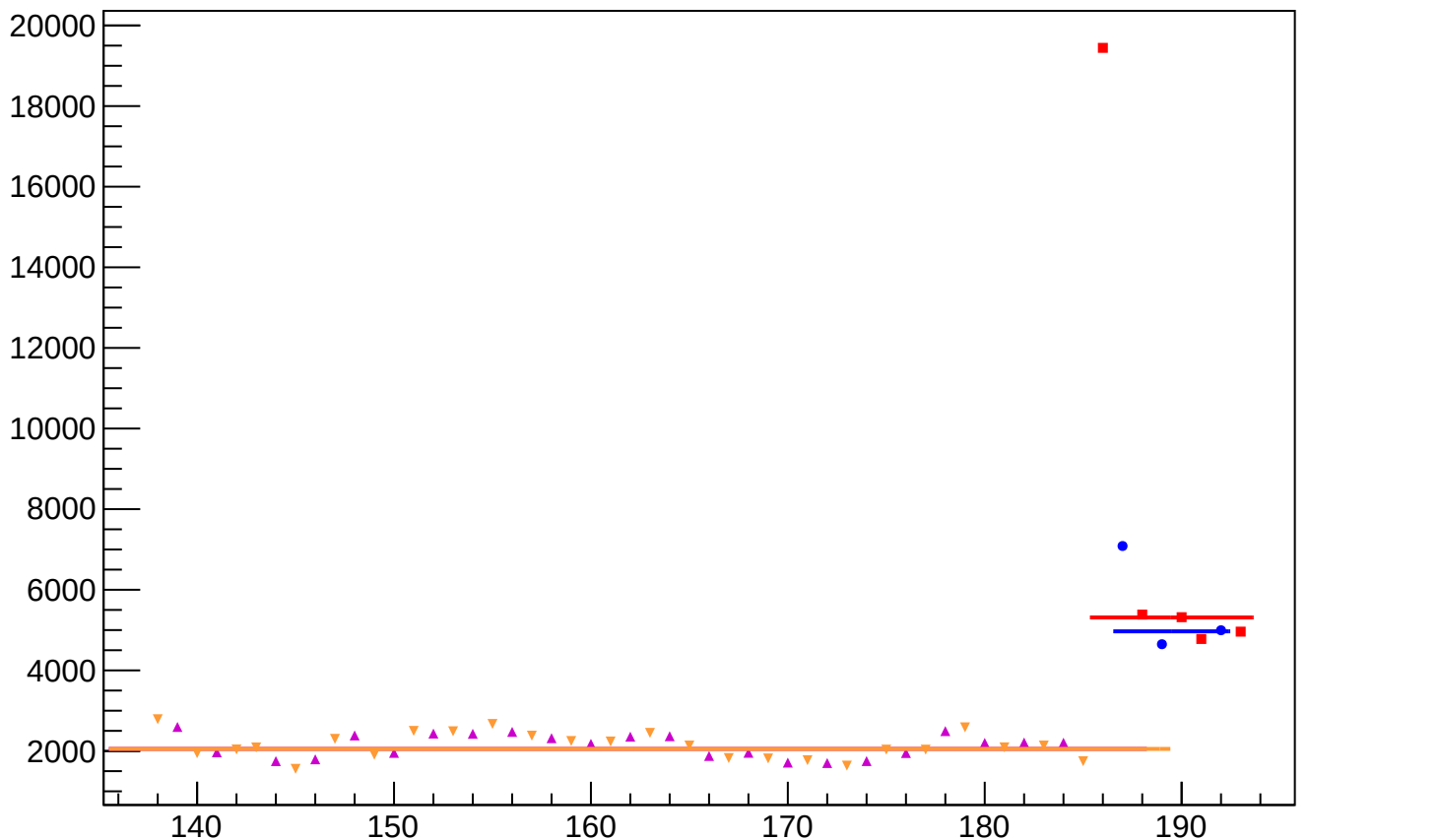
Left In: -477.779 ± 494.228 χ^2/NDF : 23.1/22

+ sign -2297.049 ± 483.675 χ^2/NDF : 50.3/27

All: -1442.955 ± 343.977 χ^2/NDF : 87.8/55

- sign -568.926 ± 489.287 χ^2/NDF : 31.2/27

asym_sam4_correction_rms vs Slug



Right In: 4968.727+/-3.469 χ^2/NDF : 31255.8/2

Left Out: 2052.401+/-0.344 χ^2/NDF : 838023.2/24

Right Out: 5313.046+/-2.453 χ^2/NDF : 403377.2/4

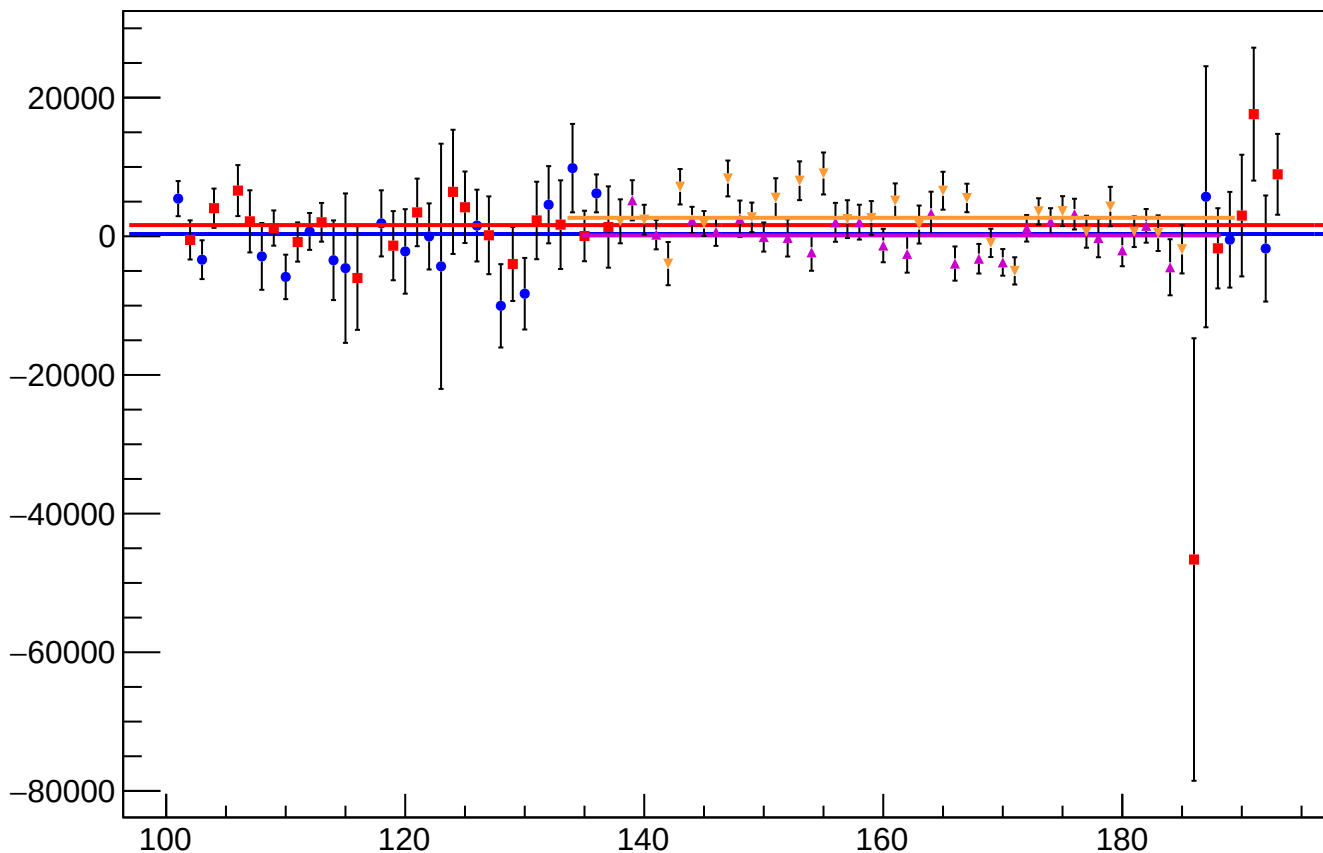
Left In: 2052.384+/-0.349 χ^2/NDF : 653872.2/22

+ sign 2080.748+/-0.342 χ^2/NDF : 1569170.0/27

All: 2098.791+/-0.243 χ^2/NDF : 4364006.3/55

- sign 2117.256+/-0.346 χ^2/NDF : 2789204.9/27

asym_sam4_mean vs Slug



Right In: 329.095 $\pm$ 973.078 χ^2 /NDF: 24.3/19

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

Right Out: 1617.417 $\pm$ 896.597 χ^2 /NDF: 14.4/22

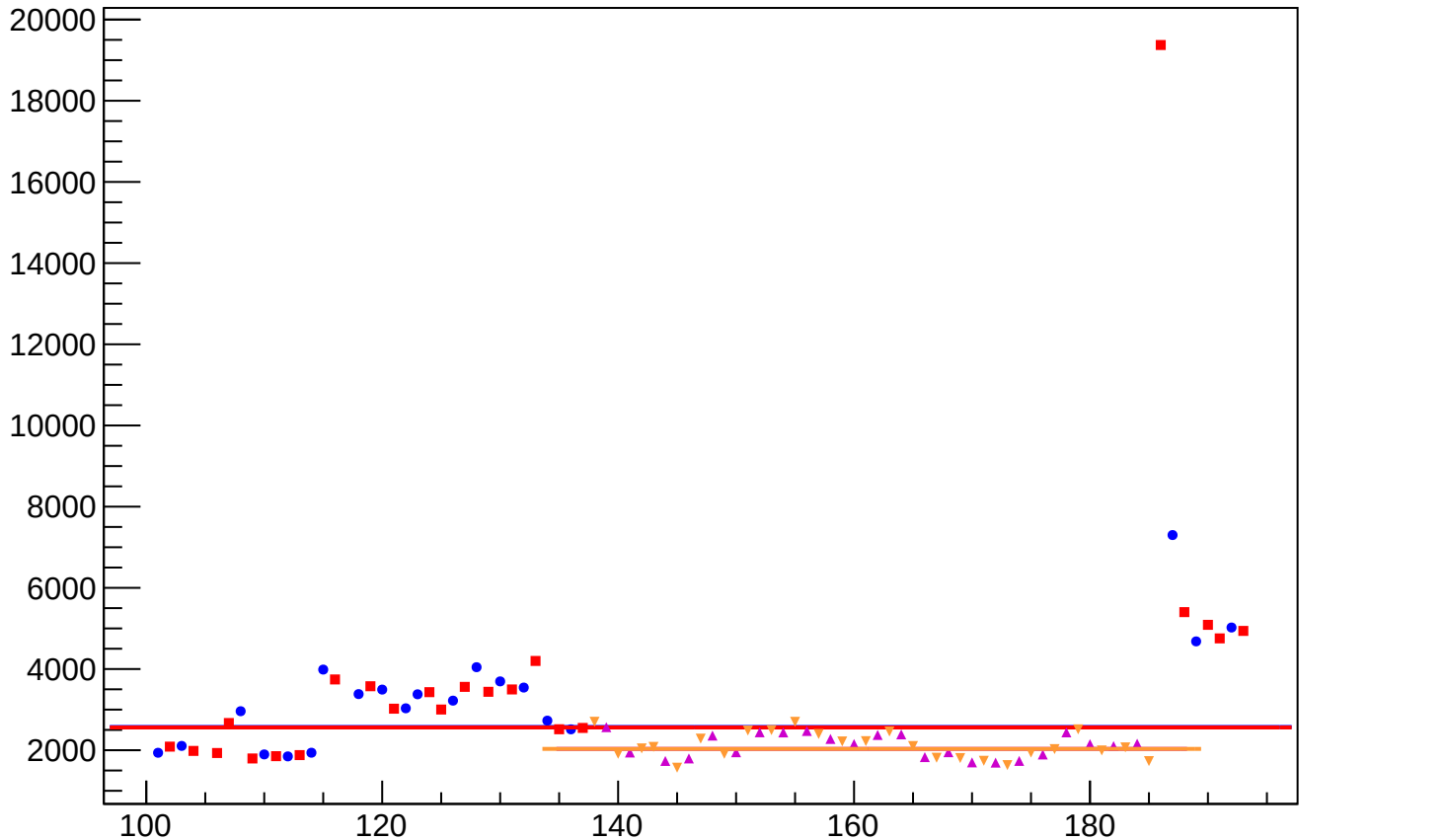
Left In: 132.307 $\pm$ 489.752 χ^2 /NDF:24.7/22

+ sign 2208.024 $\pm$ 431.170 χ^2 /NDF: 79.0/44

All: 1338.068 $\pm$ 304.401 χ^2 /NDF: 128.3/90

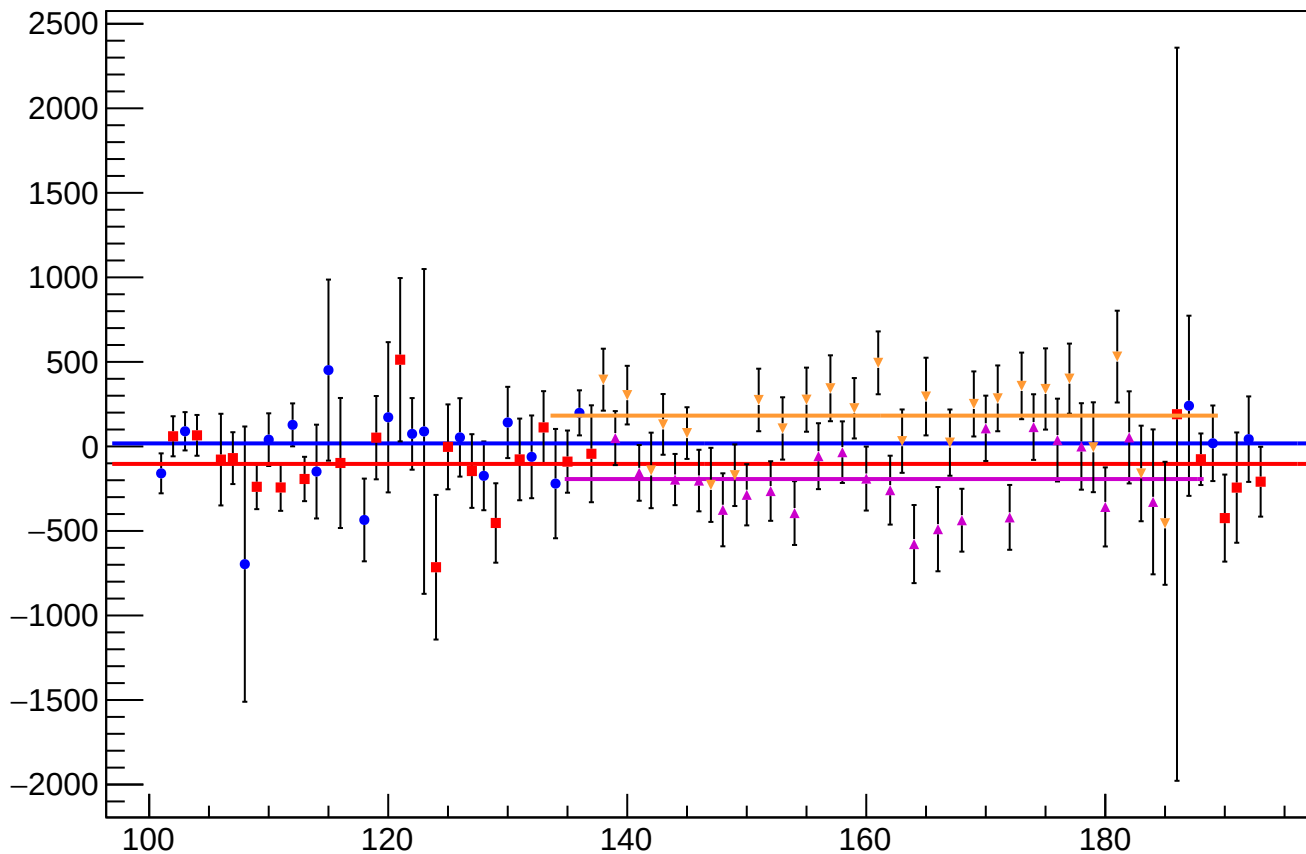
- sign 473.592 $\pm$ 429.810 χ^2 /NDF: 41.2/45

asym_sam4_rms vs Slug



Right In: 2572.330+/-0.688	χ^2/NDF : 1443486.4/19	+ sign 2138.490+/-0.305	χ^2/NDF : 2762578.4/44
Left Out: 2032.502+/-0.340	χ^2/NDF : 824418.6/24	All: 2145.827+/-0.215	χ^2/NDF : 6706425.3/90
Right Out: 2560.077+/-0.634	χ^2/NDF : 2754330.5/22	- sign 2153.117+/-0.304	χ^2/NDF : 3942692.4/45
Left In: 2031.692+/-0.346	χ^2/NDF : 653382.0/22		

dit_asym_sam5_mean vs Slug



Right In: 17.872 ± 44.598 χ^2/NDF : 12.7/19

Left Out: 182.238 ± 40.102 χ^2/NDF : 26.9/24

Right Out: -103.468 ± 40.053 χ^2/NDF : 16.0/22

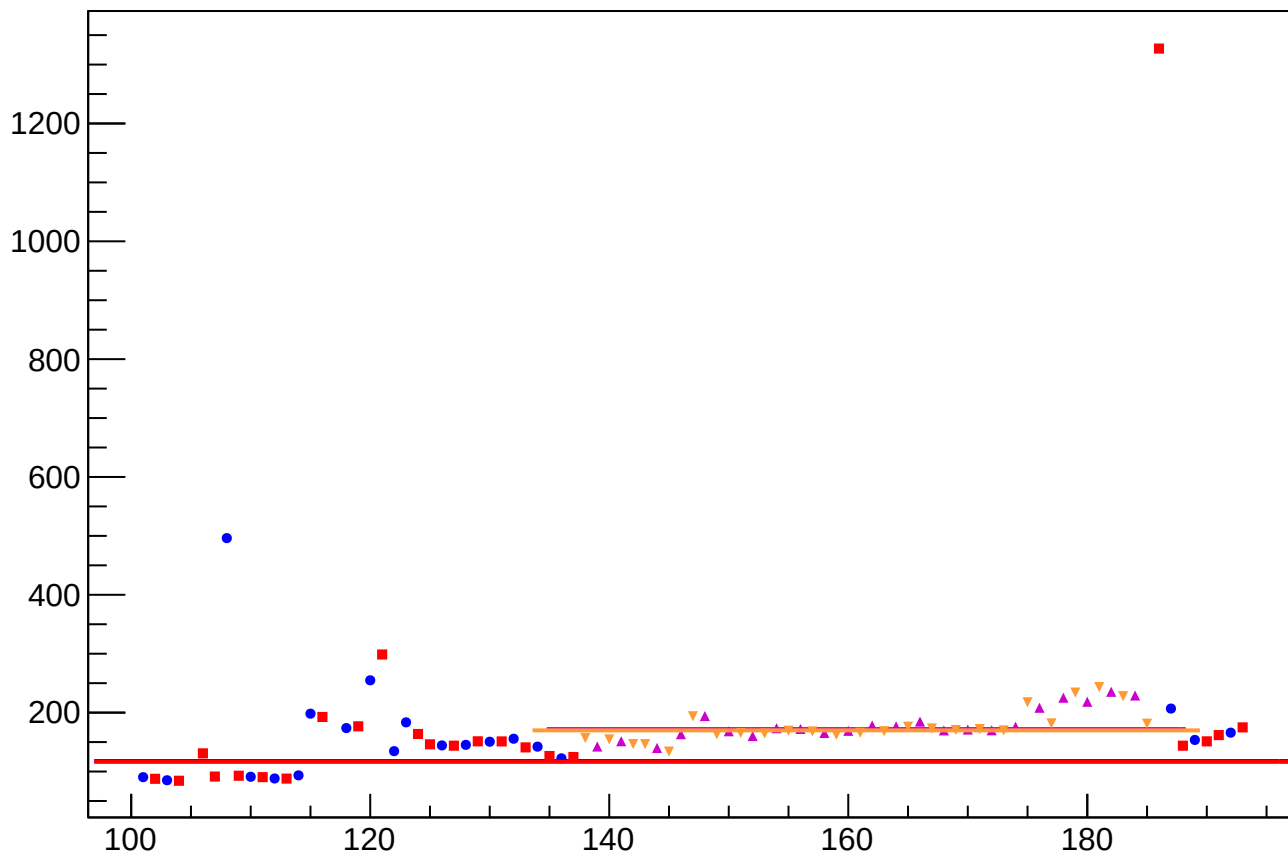
Left In: -193.004 ± 41.384 χ^2/NDF : 21.1/22

+ sign 108.754 ± 29.819 χ^2/NDF : 47.2/44

All: -23.536 ± 20.709 χ^2/NDF : 124.7/90

- sign -146.772 ± 28.781 χ^2/NDF : 39.5/45

dit_asym_sam5_rms vs Slug



Right In: 117.782 $\pm$ 0.032 χ^2 /NDF: 1601643.3/19

Left Out: 169.906 $\pm$ 0.028 χ^2 /NDF: 663159.2/24

Right Out: 116.495 $\pm$ 0.028 χ^2 /NDF: 2155625.6/22

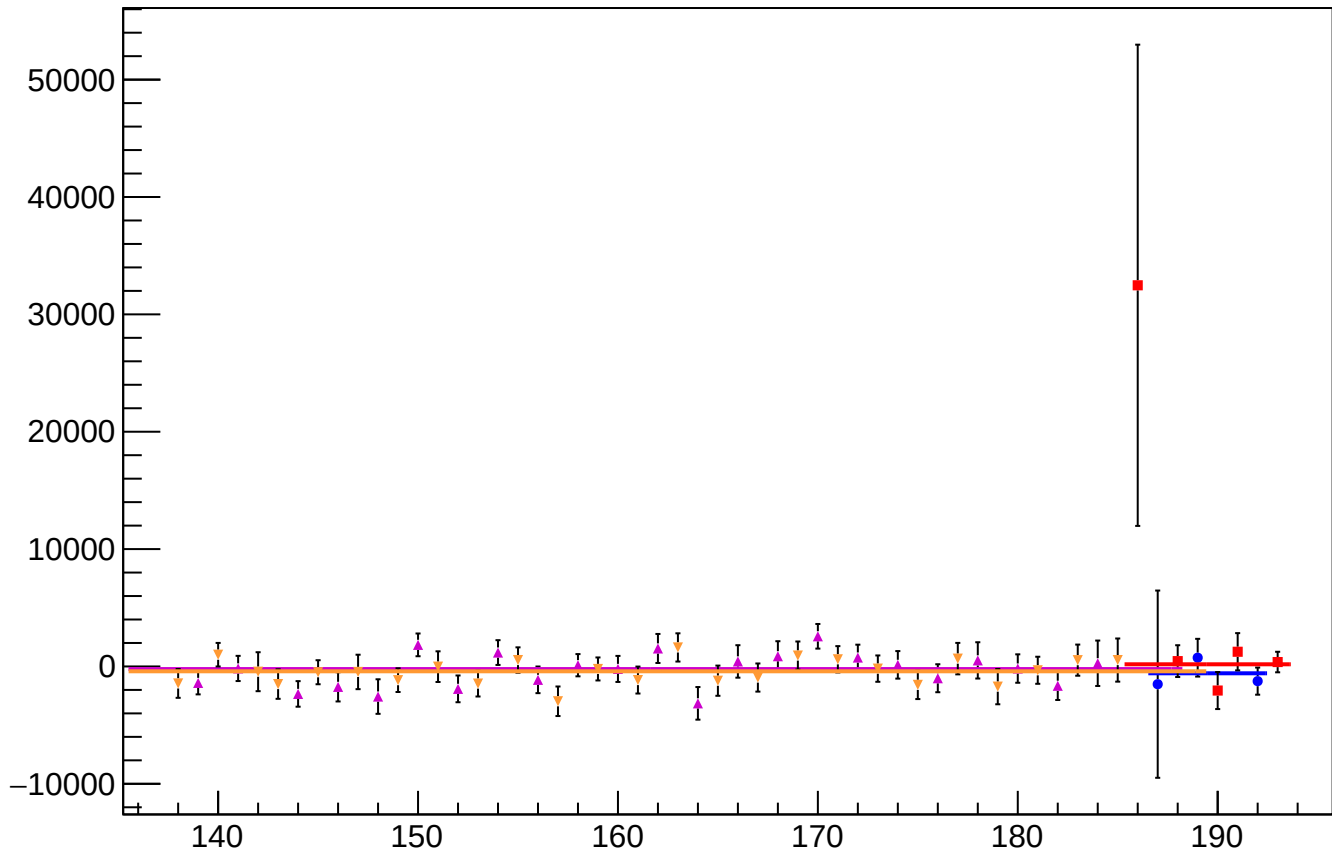
Left In: 172.065 $\pm$ 0.029 χ^2 /NDF: 589733.9/22

+ sign 146.603 $\pm$ 0.021 χ^2 /NDF: 3775403.9/44

All: 144.930 $\pm$ 0.015 χ^2 /NDF: 8394956.4/90

- sign 143.372 $\pm$ 0.020 χ^2 /NDF: 4607393.8/45

asym_sam5_correction_mean vs Slug



Right In: -583.204+/-932.425 χ^2/NDF : 1.0/2

Left Out: -412.804+/-240.278 χ^2/NDF : 19.0/24

Right Out: 183.847+/-613.949 χ^2/NDF : 5.0/4

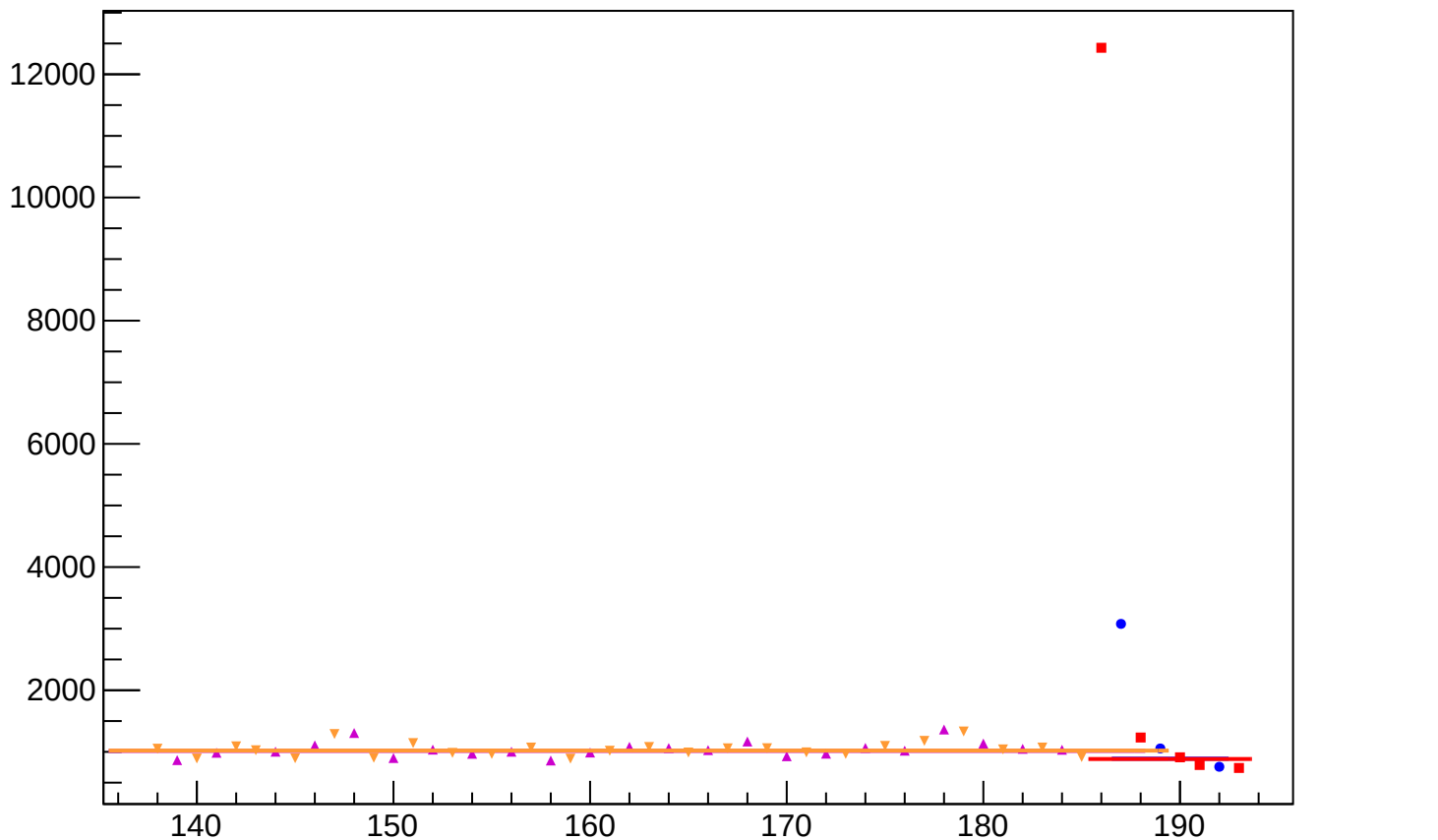
Left In: -223.332+/-243.771 χ^2/NDF : 36.0/22

+ sign -423.415+/-232.677 χ^2/NDF : 20.1/27

All: -292.248+/-162.323 χ^2/NDF : 62.1/55

- sign -167.882+/-226.565 χ^2/NDF : 41.4/27

asym_sam5_correction_rms vs Slug



Right In: 889.275+/-0.659 χ^2/NDF : 197533.8/2

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

Right Out: 883.967+/-0.434 χ^2/NDF : 830364.1/4

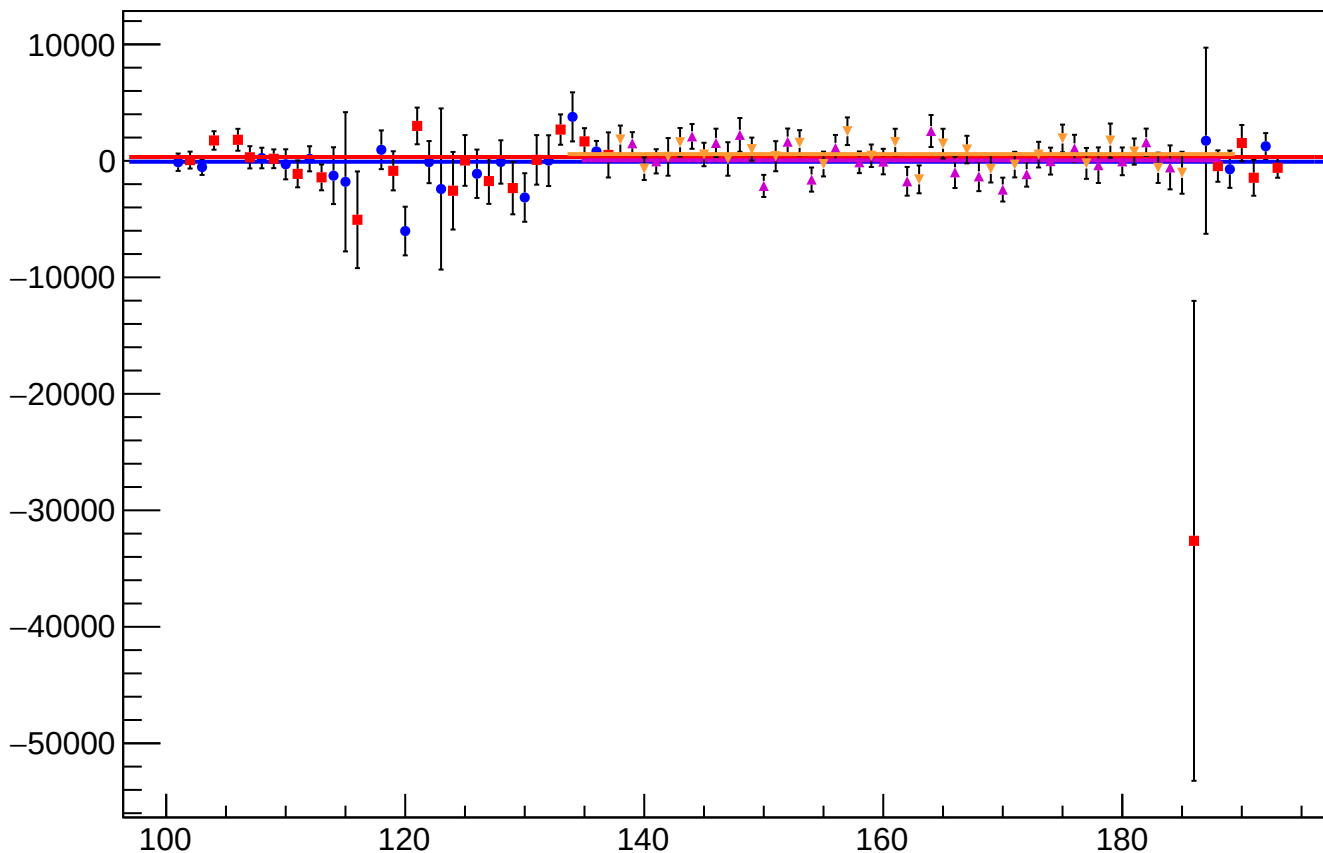
Left In: 1015.000+/-0.172 χ^2/NDF : 404865.5/22

+ sign 1011.999+/-0.165 χ^2/NDF : 604347.9/27

All: 1004.380+/-0.115 χ^2/NDF : 1922450.4/55

- sign 997.155+/-0.160 χ^2/NDF : 1313924.1/27

asym_sam5_mean vs Slug



Right In: -76.477 ± 295.717 χ^2/NDF : 17.9/19

Left Out: 580.226 ± 235.583 χ^2/NDF : 18.4/24

Right Out: 330.727 ± 258.125 χ^2/NDF : 28.9/22

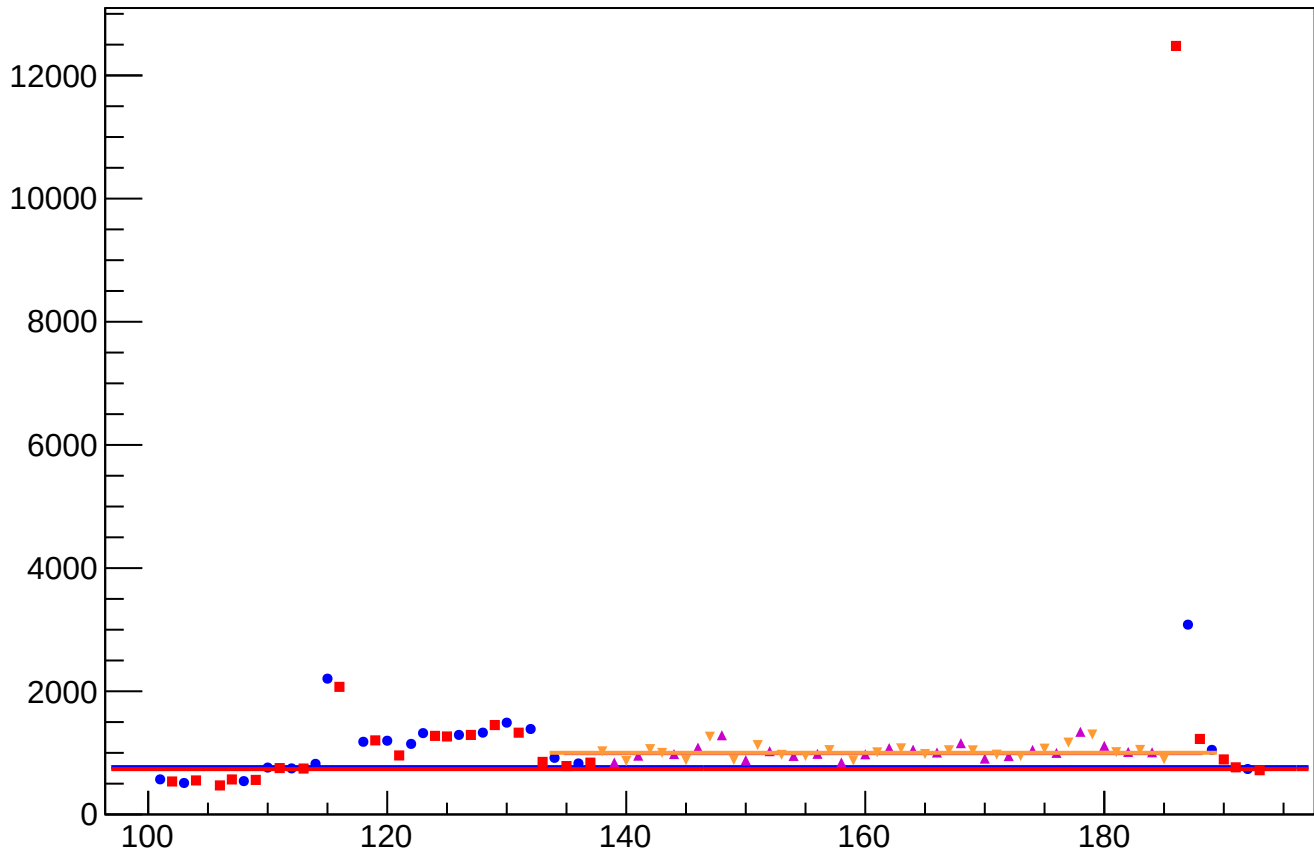
Left In: 42.397 ± 239.278 χ^2/NDF : 37.9/22

+ sign 325.262 ± 184.260 χ^2/NDF : 39.3/44

All: 246.808 ± 127.074 χ^2/NDF : 107.2/90

- sign 175.653 ± 175.480 χ^2/NDF : 67.5/45

asym_sam5_rms vs Slug



Right In: 768.845 $\pm$ 0.209 χ^2 /NDF: 1944602.3/19

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

Right Out: 735.521 $\pm$ 0.183 χ^2 /NDF: 2627401.5/22

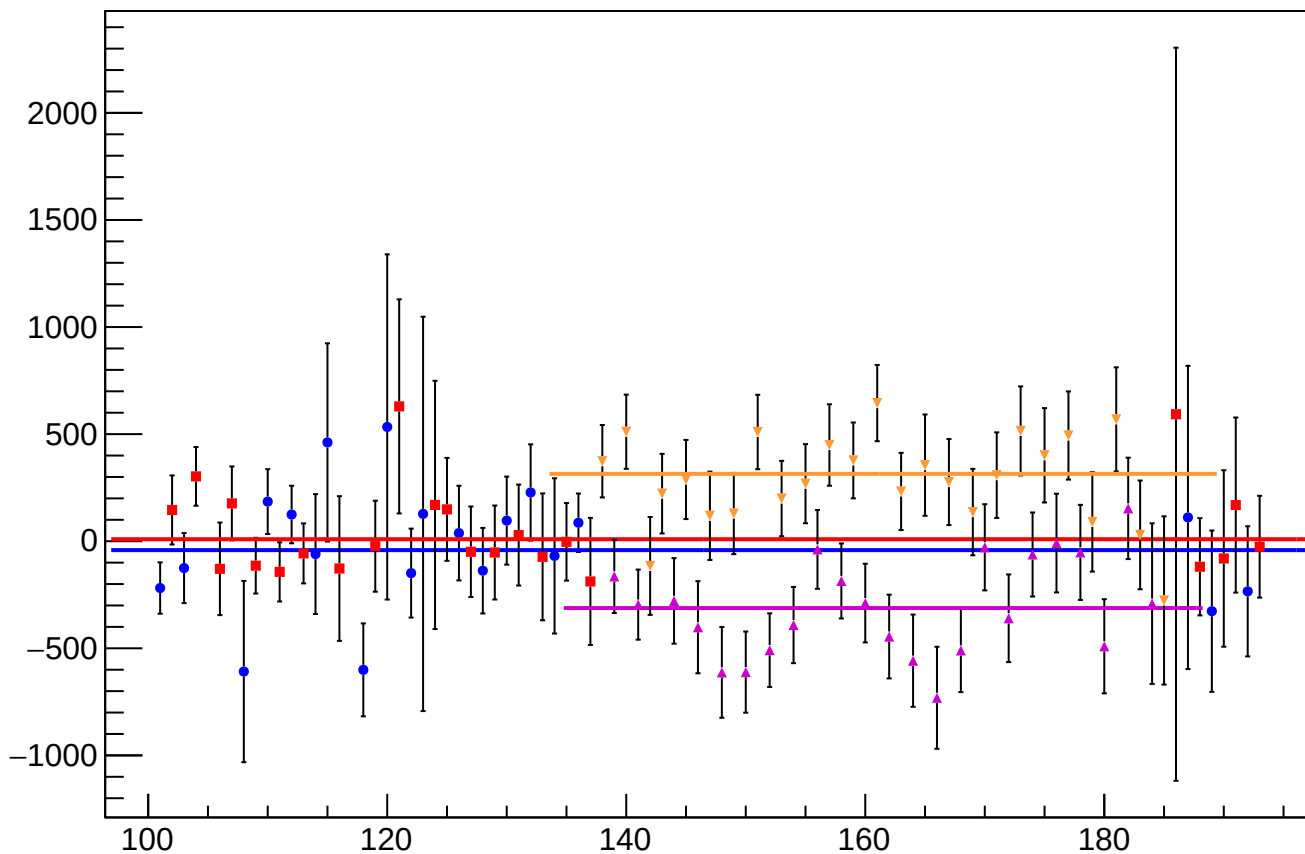
Left In: 995.590 $\pm$ 0.169 χ^2 /NDF: 424434.6/22

+ sign 911.008 $\pm$ 0.130 χ^2 /NDF: 3070458.9/44

All: 892.333 $\pm$ 0.090 χ^2 /NDF: 7253405.3/90

- sign 875.396 $\pm$ 0.124 χ^2 /NDF: 4143769.2/45

dit_asym_sam6_mean vs Slug



Right In: -41.577 ± 47.341 χ^2/NDF : 20.8/19

Left Out: 314.517 ± 39.818 χ^2/NDF : 21.4/24

Right Out: 9.369 ± 43.520 χ^2/NDF : 12.5/22

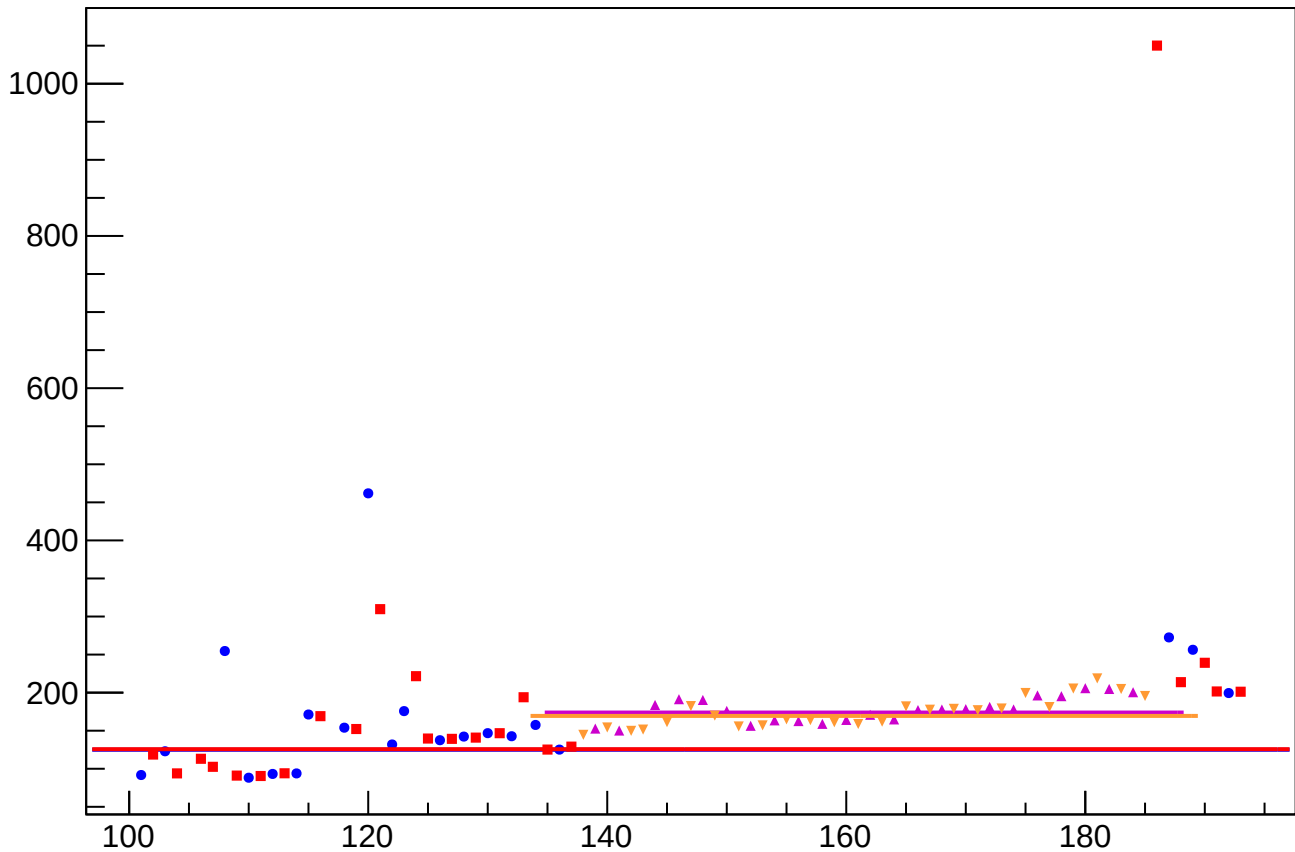
Left In: -312.097 ± 41.646 χ^2/NDF : 26.9/22

+ sign 166.979 ± 30.472 χ^2/NDF : 75.3/44

All: 2.210 ± 21.410 χ^2/NDF : 200.9/90

- sign -158.434 ± 30.089 χ^2/NDF : 67.9/45

dit_asym_sam6_rms vs Slug



Right In: 124.960 $\pm$ 0.033 χ^2 /NDF: 1531823.3/19

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

Right Out: 125.697 $\pm$ 0.031 χ^2 /NDF: 2371906.1/22

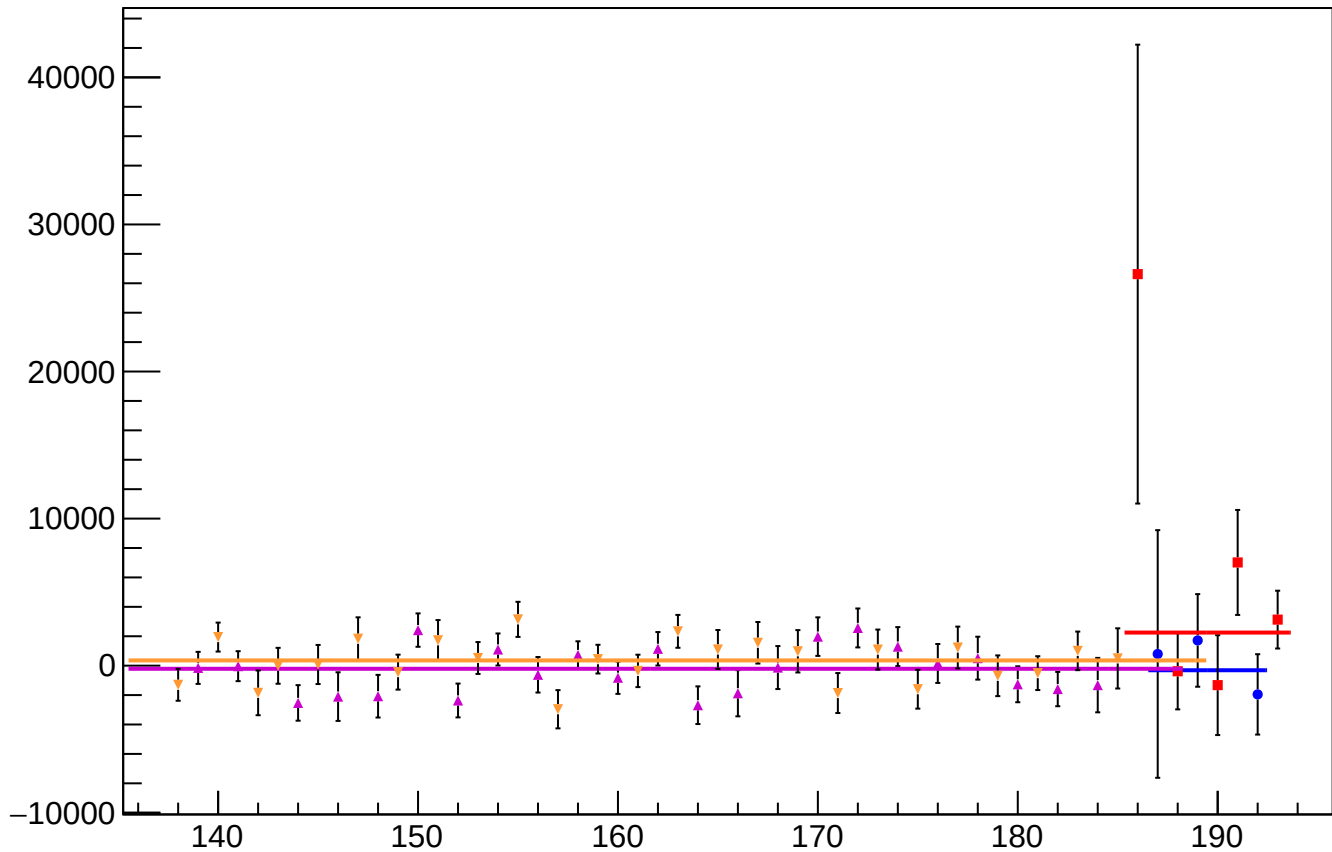
Left In: 173.847 $\pm$ 0.029 χ^2 /NDF: 291729.8/22

+ sign 151.006 $\pm$ 0.022 χ^2 /NDF: 2951965.9/44

All: 150.917 $\pm$ 0.015 χ^2 /NDF: 6893586.4/90

- sign 150.831 $\pm$ 0.021 χ^2 /NDF: 3941587.1/45

asym_sam6_correction_mean vs Slug



Right In: -311.228 ± 2004.027 χ^2/NDF : 0.8/2

Left Out: 356.612 ± 250.934 χ^2/NDF : 33.4/24

Right Out: 2251.145 ± 1316.046 χ^2/NDF : 6.6/4

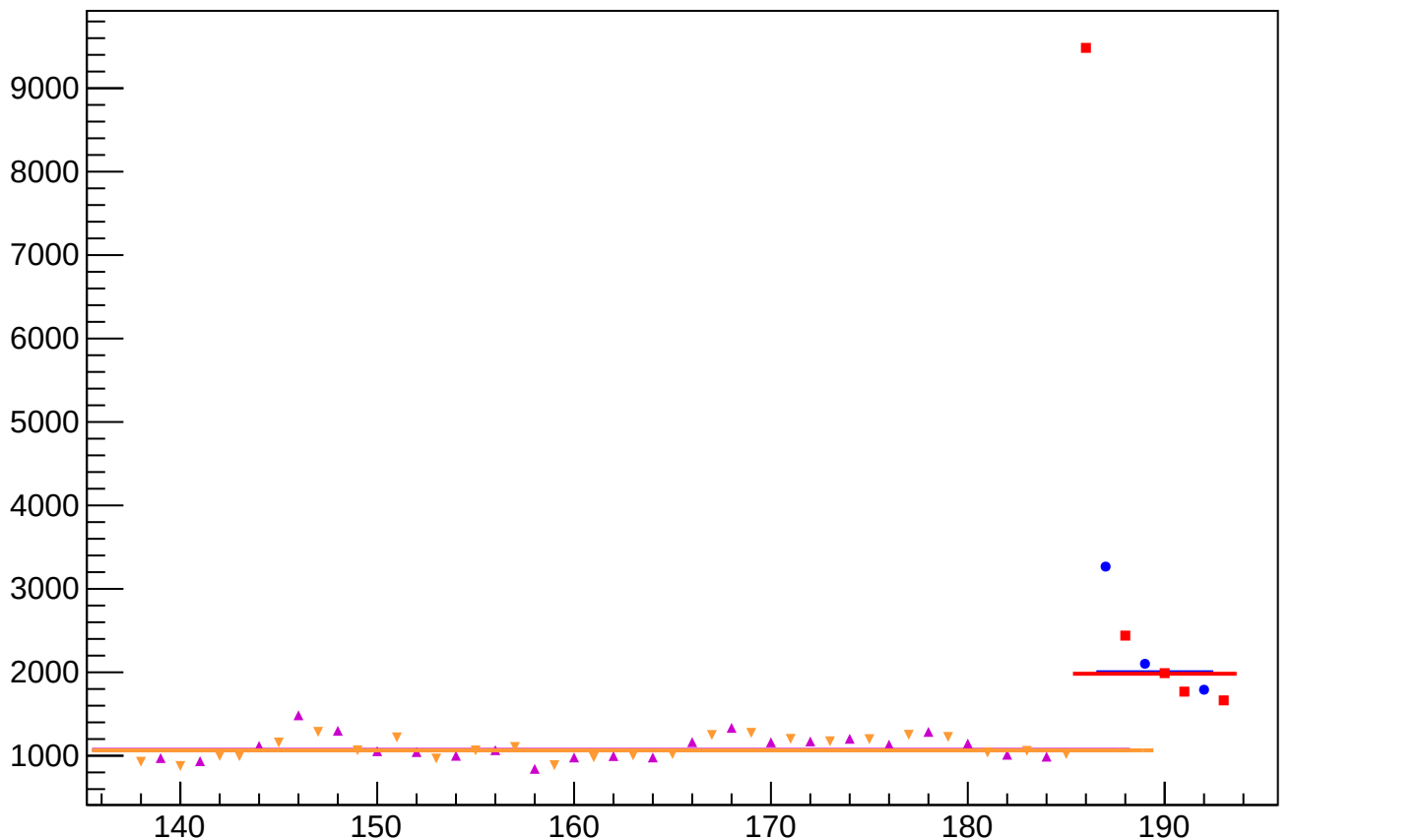
Left In: -212.007 ± 257.383 χ^2/NDF : 36.0/22

+ sign 346.302 ± 248.990 χ^2/NDF : 34.3/27

All: 115.882 ± 177.324 χ^2/NDF : 82.0/55

- sign -121.265 ± 252.598 χ^2/NDF : 46.0/27

asym_sam6_correction_rms vs Slug



Right In: 2000.629+/-1.417 χ^2/NDF : 59060.8/2

Left Out: 1064.868+/-0.177 χ^2/NDF : 493614.2/24

Right Out: 1982.803+/-0.931 χ^2/NDF : 584611.6/4

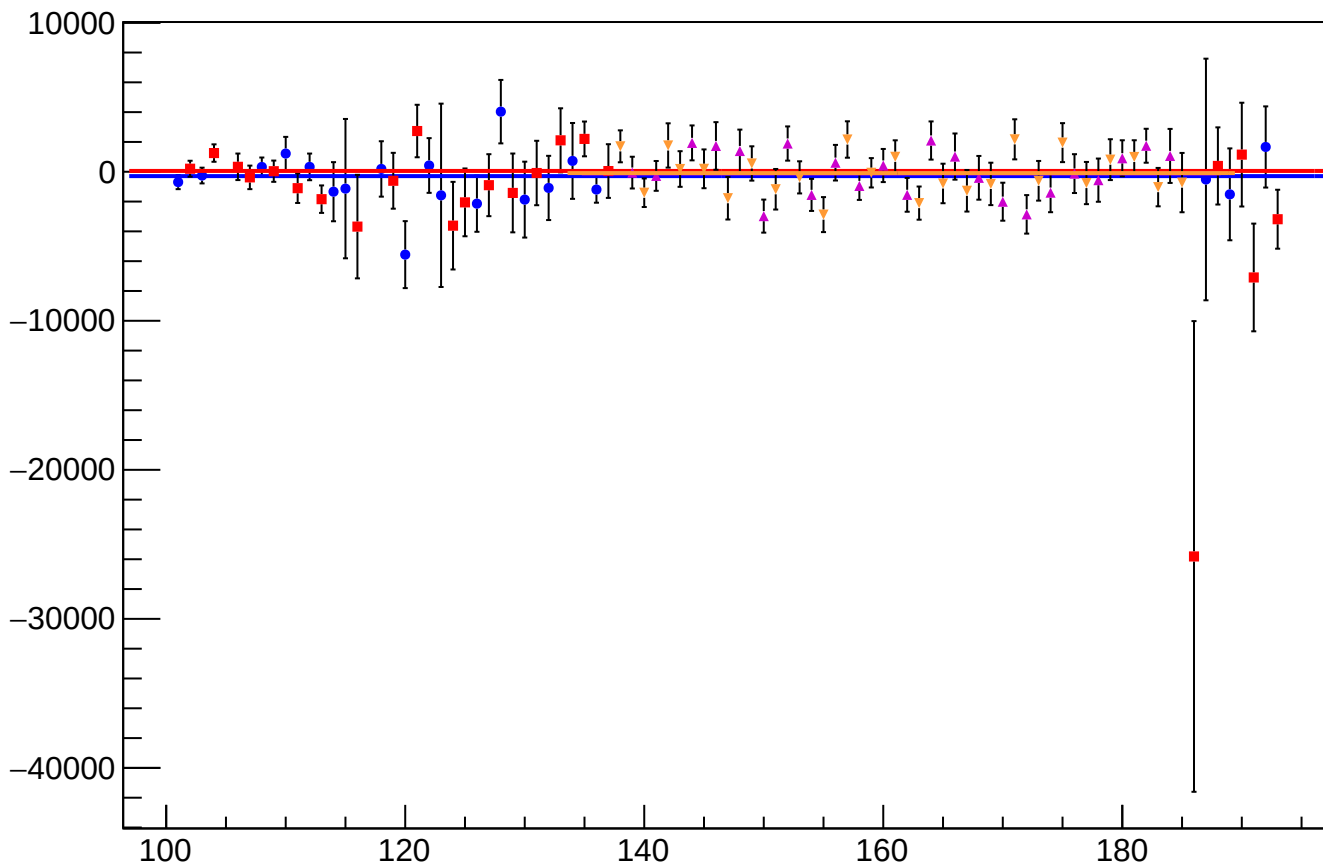
Left In: 1070.694+/-0.182 χ^2/NDF : 570407.8/22

+ sign 1079.314+/-0.176 χ^2/NDF : 982009.8/27

All: 1091.625+/-0.125 χ^2/NDF : 3072245.6/55

- sign 1104.295+/-0.179 χ^2/NDF : 2080313.9/27

asym_sam6_mean vs Slug



Right In: -292.770 ± 248.070 χ^2/NDF : 17.5/19

Left Out: -89.632 ± 247.271 χ^2/NDF : 31.0/24

Right Out: 54.849 ± 243.505 χ^2/NDF : 30.5/22

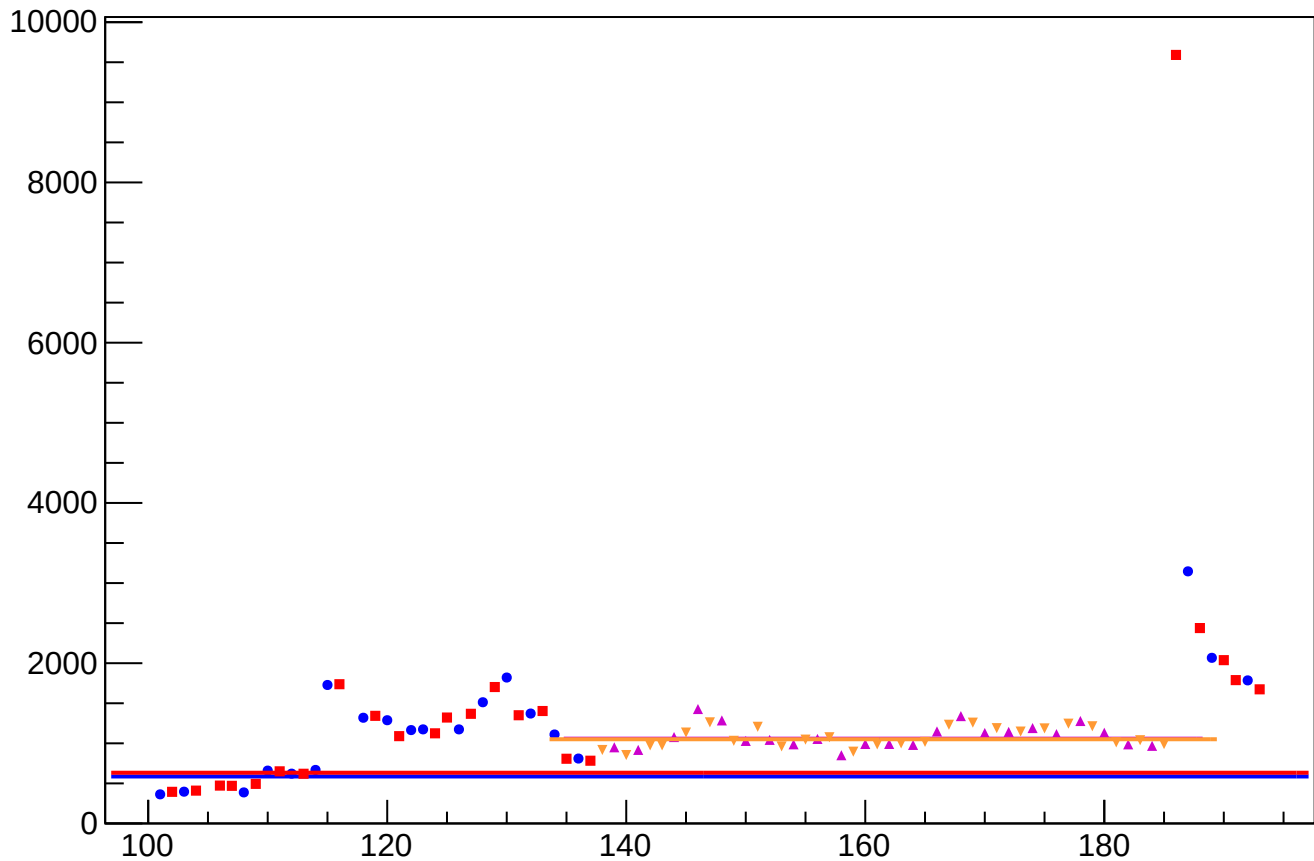
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ sign -190.873 ± 175.129 χ^2/NDF : 48.8/44

All: -108.002 ± 124.103 χ^2/NDF : 115.2/90

- sign -24.411 ± 175.889 χ^2/NDF : 65.9/45

asym_sam6_rms vs Slug



Right In: 586.294+/-0.175 χ^2/NDF : 4326275.6/19

Left Out: 1050.918+/-0.175 χ^2/NDF : 483477.5/24

Right Out: 633.134+/-0.172 χ^2/NDF : 5594871.8/22

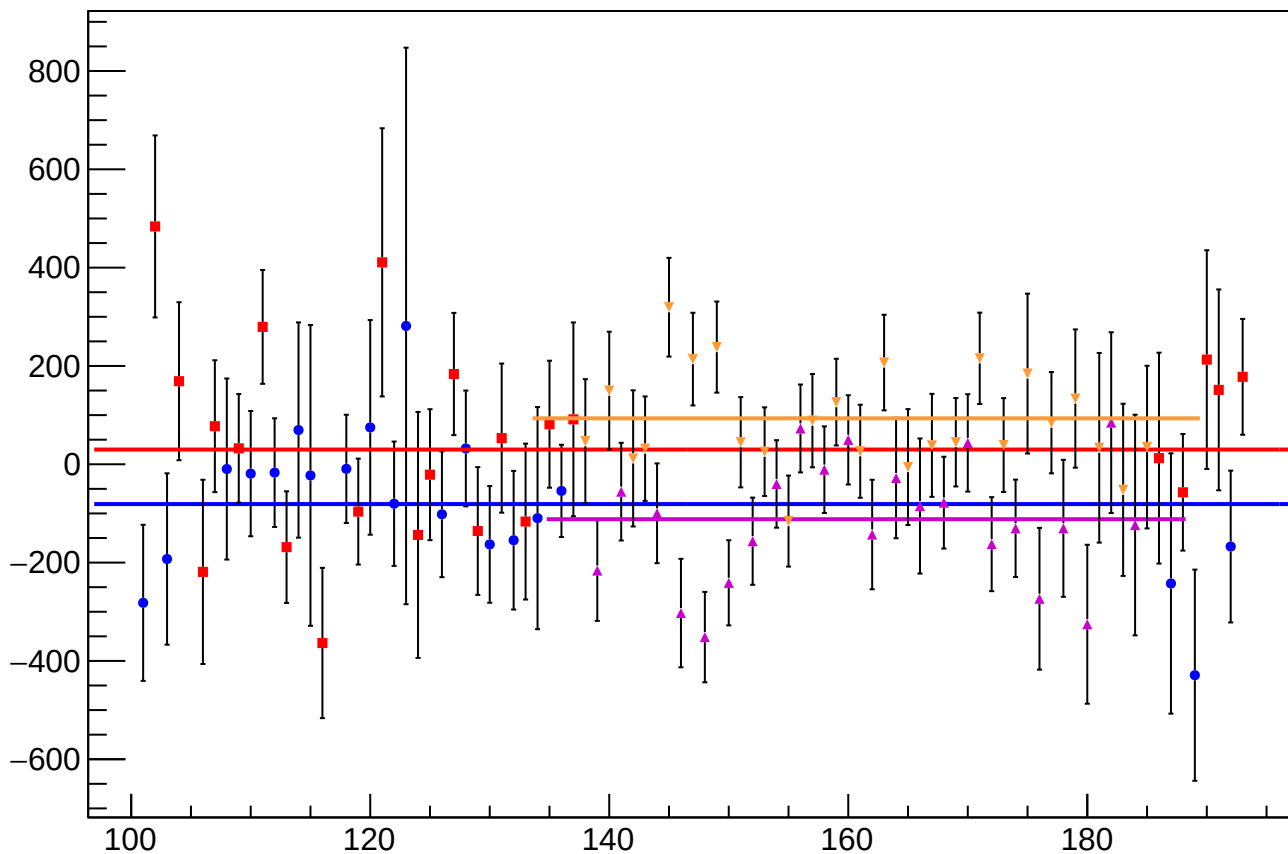
Left In: 1058.154+/-0.180 χ^2/NDF : 532260.0/22

+ sign 819.356+/-0.124 χ^2/NDF : 8329037.7/44

All: 827.841+/-0.088 χ^2/NDF : 17379590.9/90

- sign 836.401+/-0.124 χ^2/NDF : 9041121.6/45

dit_asym_sam7_mean vs Slug



Right In: -80.956 ± 33.117 χ^2/NDF : 9.7/19

Left Out: 93.496 ± 21.284 χ^2/NDF : 22.8/24

Right Out: 29.953 ± 30.111 χ^2/NDF : 34.4/22

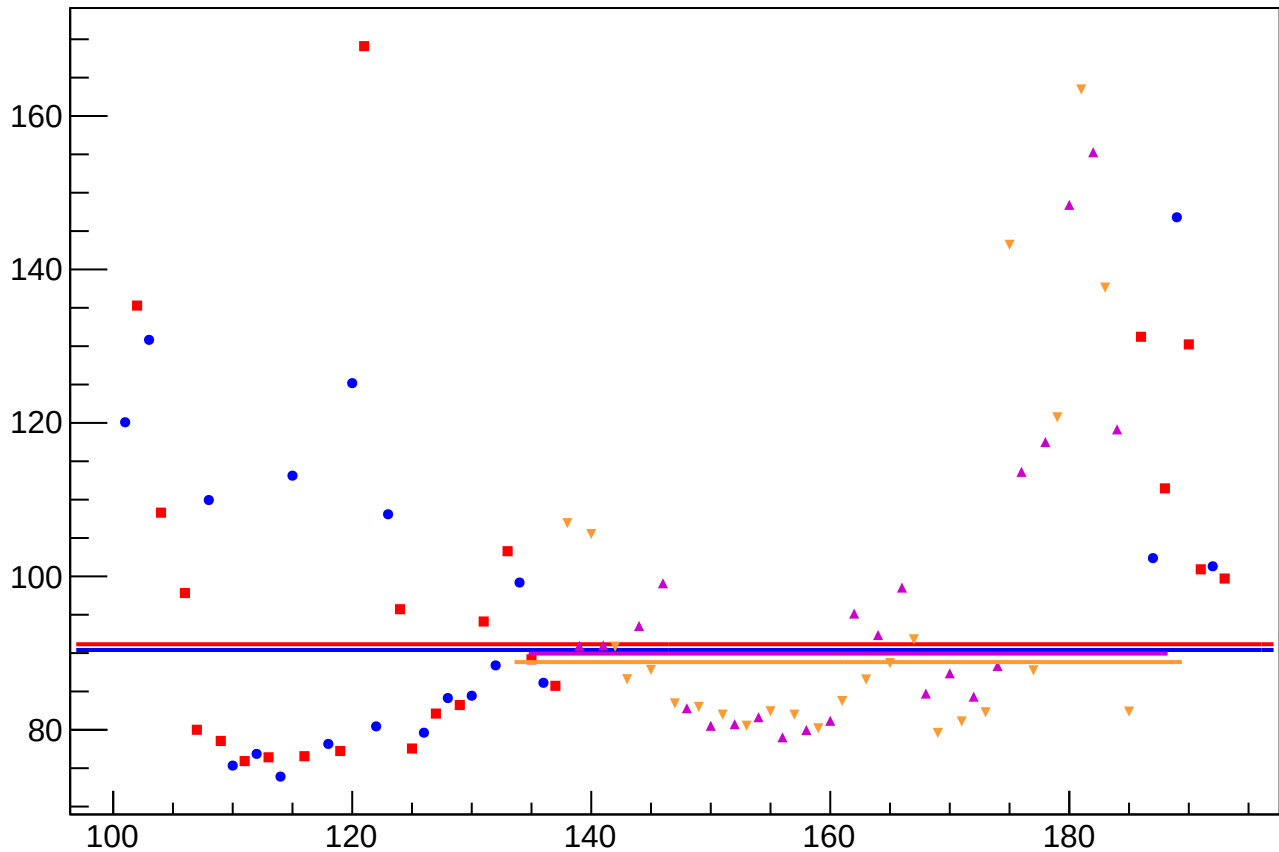
Left In: -111.732 ± 21.971 χ^2/NDF : 30.7/22

+ sign 42.500 ± 17.905 χ^2/NDF : 52.1/44

All: -10.465 ± 12.605 χ^2/NDF : 149.0/90

- sign -62.507 ± 17.749 χ^2/NDF : 79.5/45

dit_asym_sam7_rms vs Slug



Right In: 90.406 $\pm$ 0.023 χ^2 /NDF: 554614.1/19

Left Out: 88.830 $\pm$ 0.015 χ^2 /NDF: 1000651.2/24

Right Out: 91.155 $\pm$ 0.021 χ^2 /NDF: 721434.1/22

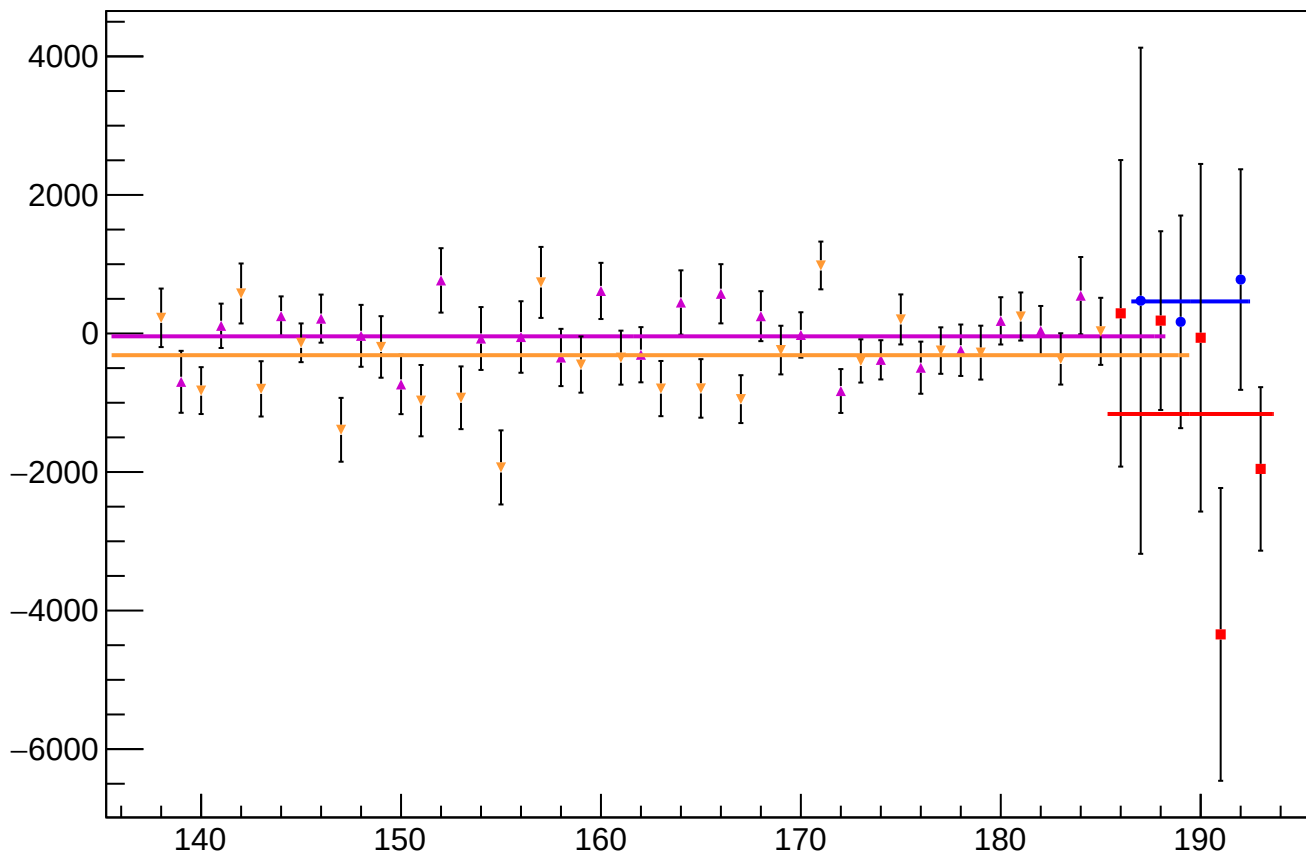
Left In: 89.934 $\pm$ 0.016 χ^2 /NDF: 874129.5/22

+ sign 89.290 $\pm$ 0.013 χ^2 /NDF: 1558470.8/44

All: 89.829 $\pm$ 0.009 χ^2 /NDF: 3159766.3/90

- sign 90.358 $\pm$ 0.013 χ^2 /NDF: 1597708.5/45

asym_sam7_correction_mean vs Slug



Right In: 462.853 ± 1057.622 χ^2/NDF : 0.1/2

Left Out: -313.446 ± 77.334 χ^2/NDF : 58.1/24

Right Out: -1162.178 ± 724.409 χ^2/NDF : 4.4/4

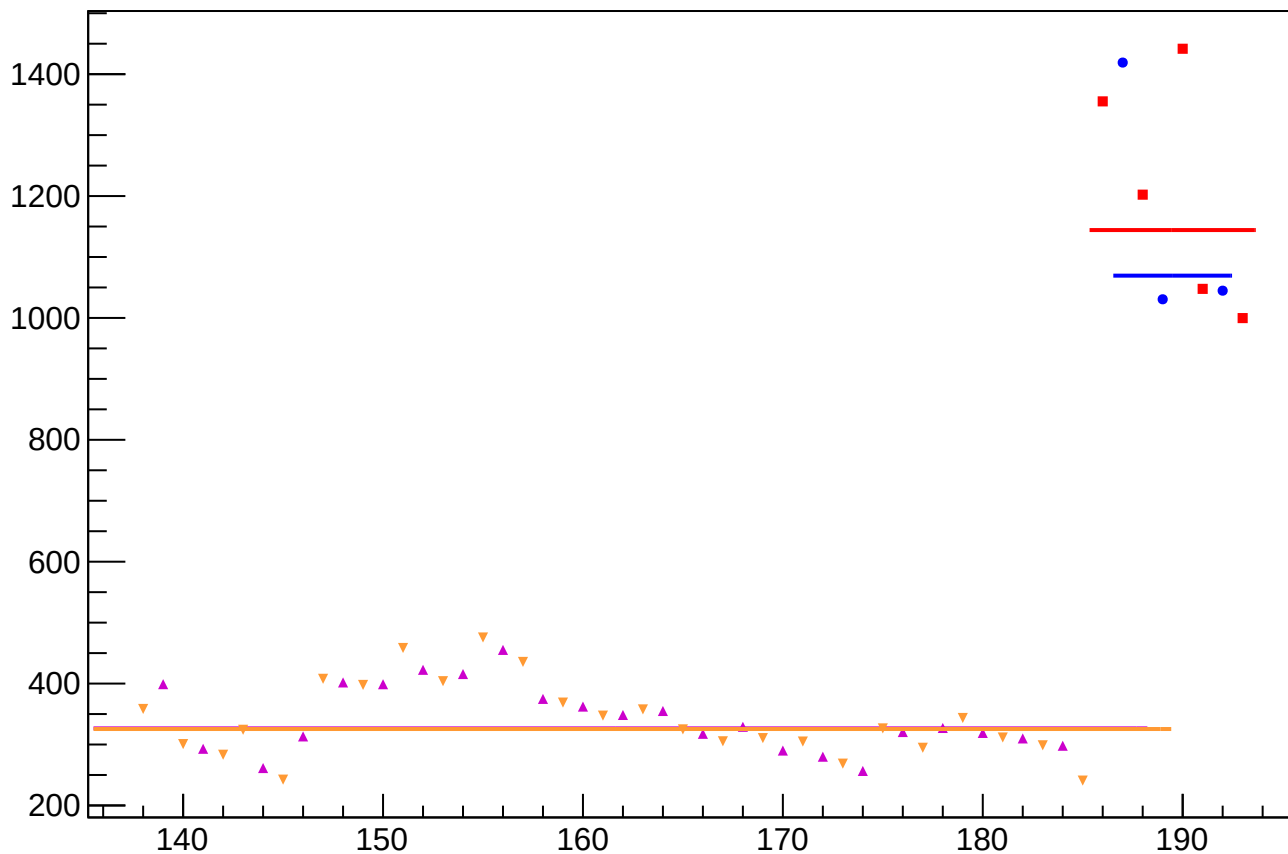
Left In: -41.244 ± 78.858 χ^2/NDF : 28.0/22

+ sign -309.318 ± 77.129 χ^2/NDF : 58.7/27

All: -183.920 ± 54.980 χ^2/NDF : 98.9/55

- sign -54.371 ± 78.395 χ^2/NDF : 34.8/27

asym_sam7_correction_rms vs Slug



Right In: 1069.399+/-0.748 χ^2/NDF : 20076.6/2

Left Out: 325.432+/-0.055 χ^2/NDF :1000974.7/24

Right Out: 1144.204+/-0.512 χ^2/NDF : 84514.5/4

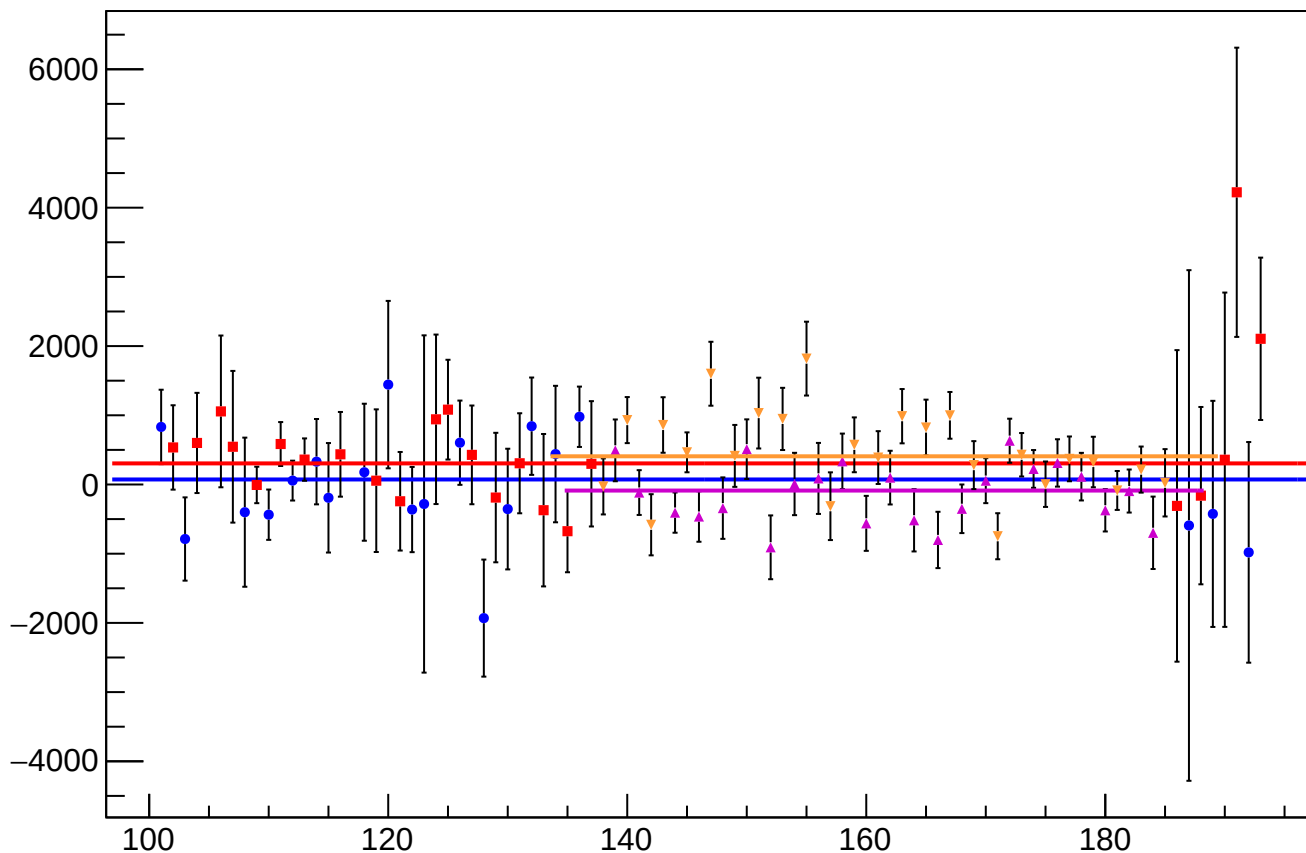
Left In: 326.516+/-0.056 χ^2/NDF :841153.2/22

+ sign 329.389+/-0.055 χ^2/NDF : 2005426.1/27

All: 332.686+/-0.039 χ^2/NDF : 5456902.9/55

- sign 336.093+/-0.055 χ^2/NDF : 3444044.8/27

asym_sam7_mean vs Slug



Right In: 72.599 ± 141.396 χ^2/NDF : 21.1/19

Left Out: 407.375 ± 74.730 χ^2/NDF : 53.0/24

Right Out: 304.782 ± 127.727 χ^2/NDF : 14.7/22

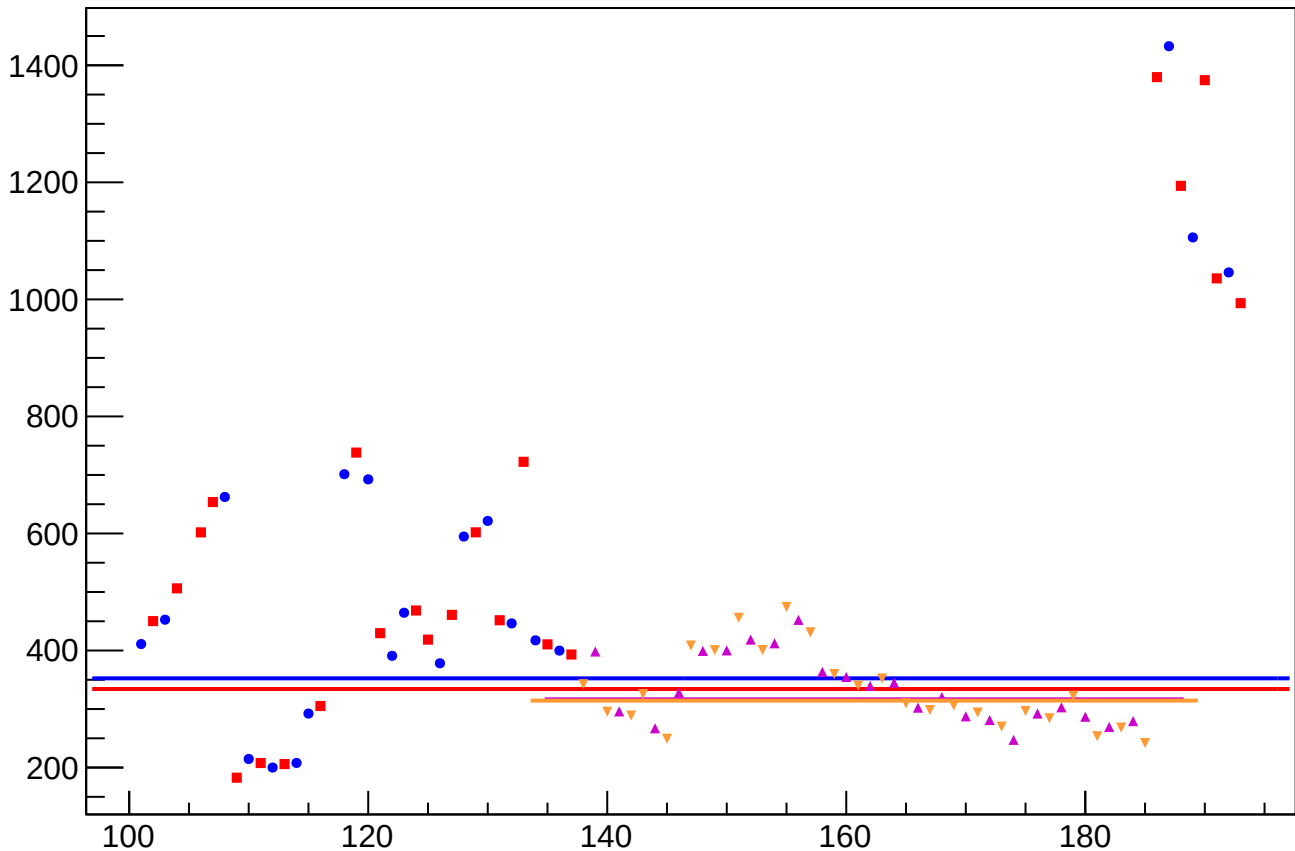
Left In: -87.657 ± 76.572 χ^2/NDF : 27.4/22

+ sign 334.279 ± 66.070 χ^2/NDF : 78.5/44

All: 174.231 ± 46.578 χ^2/NDF : 139.2/90

- sign 16.096 ± 65.674 χ^2/NDF : 49.0/45

asym_sam7_rms vs Slug



Right In: 352.456+/-0.100 χ^2/NDF : 3034034.4/19

Left Out: 314.405+/-0.053 χ^2/NDF : 1112244.9/24

Right Out: 334.226+/-0.090 χ^2/NDF : 5334315.5/22

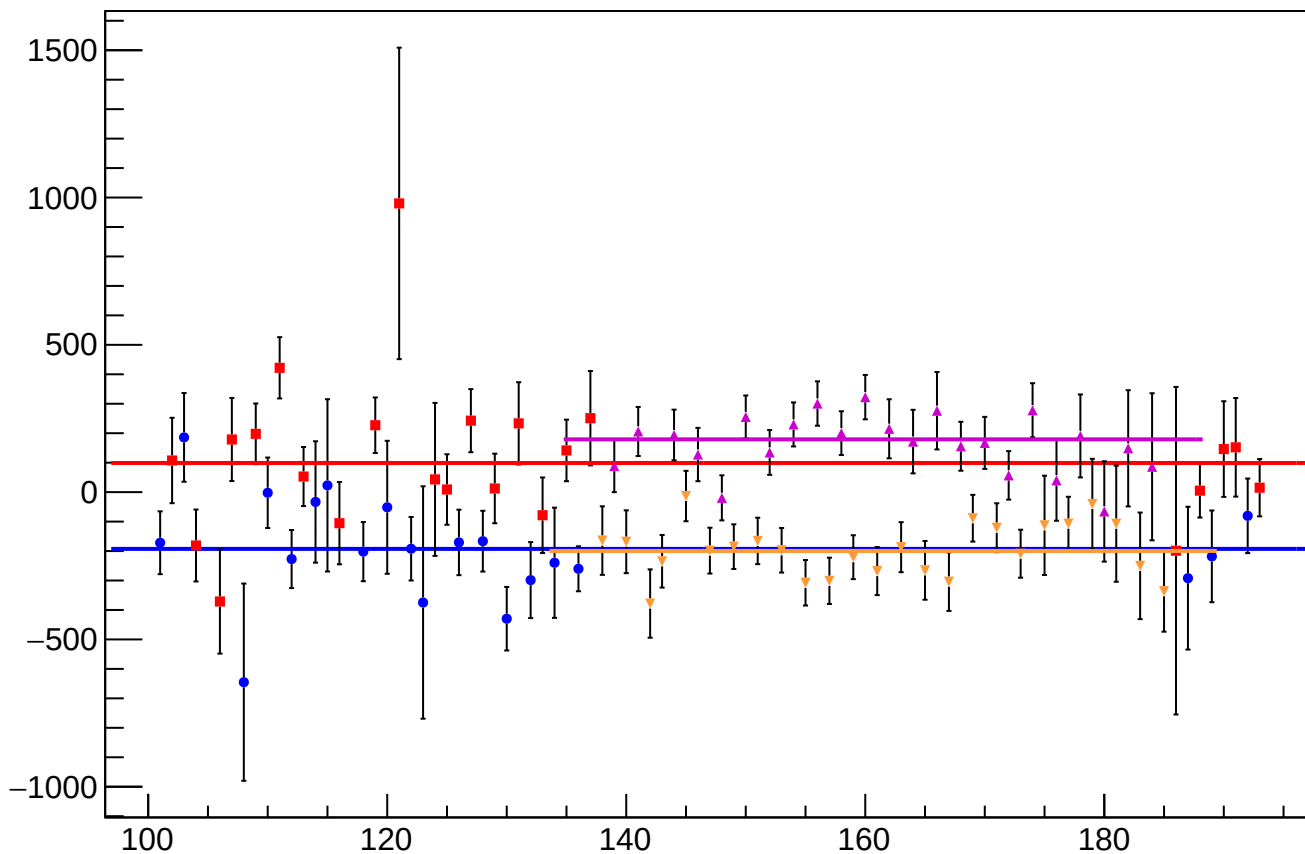
Left In: 316.616+/-0.054 χ^2/NDF : 929652.0/22

+ sign 322.713+/-0.047 χ^2/NDF : 4259499.1/44

All: 321.988+/-0.033 χ^2/NDF : 10551911.9/90

- sign 321.272+/-0.046 χ^2/NDF : 6291934.2/45

dit_asym_sam8_mean vs Slug



Right In: -192.652 ± 28.833 χ^2/NDF : 20.0/19

Left Out: -199.640 ± 18.452 χ^2/NDF : 20.2/24

Right Out: 98.998 ± 26.355 χ^2/NDF : 39.4/22

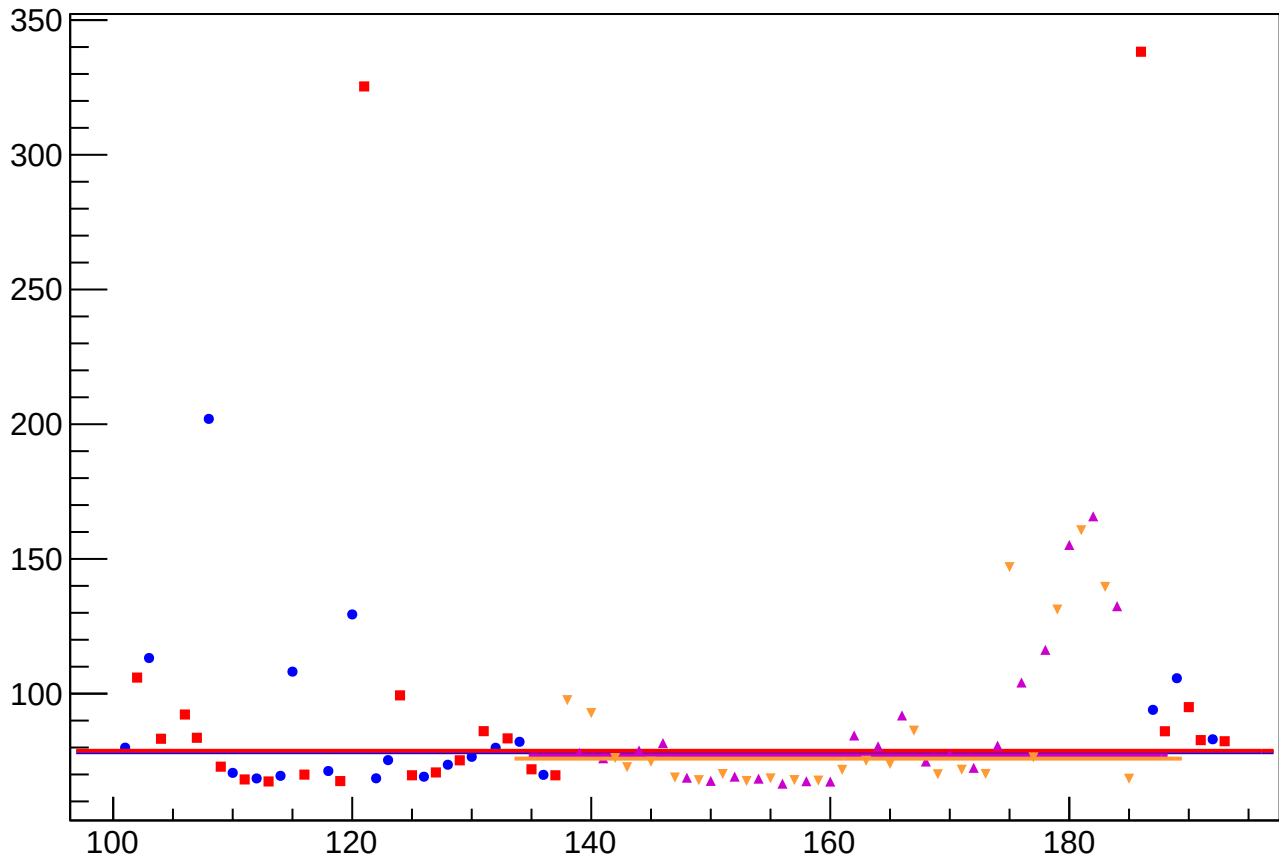
Left In: 179.154 ± 19.112 χ^2/NDF : 23.9/22

+ sign -197.610 ± 15.542 χ^2/NDF : 40.3/44

All: -22.254 ± 10.965 χ^2/NDF : 363.0/90

- sign 151.530 ± 15.472 χ^2/NDF : 69.3/45

dit_asym_sam8_rms vs Slug



Right In: 78.263 $\pm$ 0.020 χ^2 /NDF: 679196.5/19

Left Out: 75.883 $\pm$ 0.013 χ^2 /NDF: 1552500.3/24

Right Out: 78.779 $\pm$ 0.019 χ^2 /NDF: 1144116.0/22

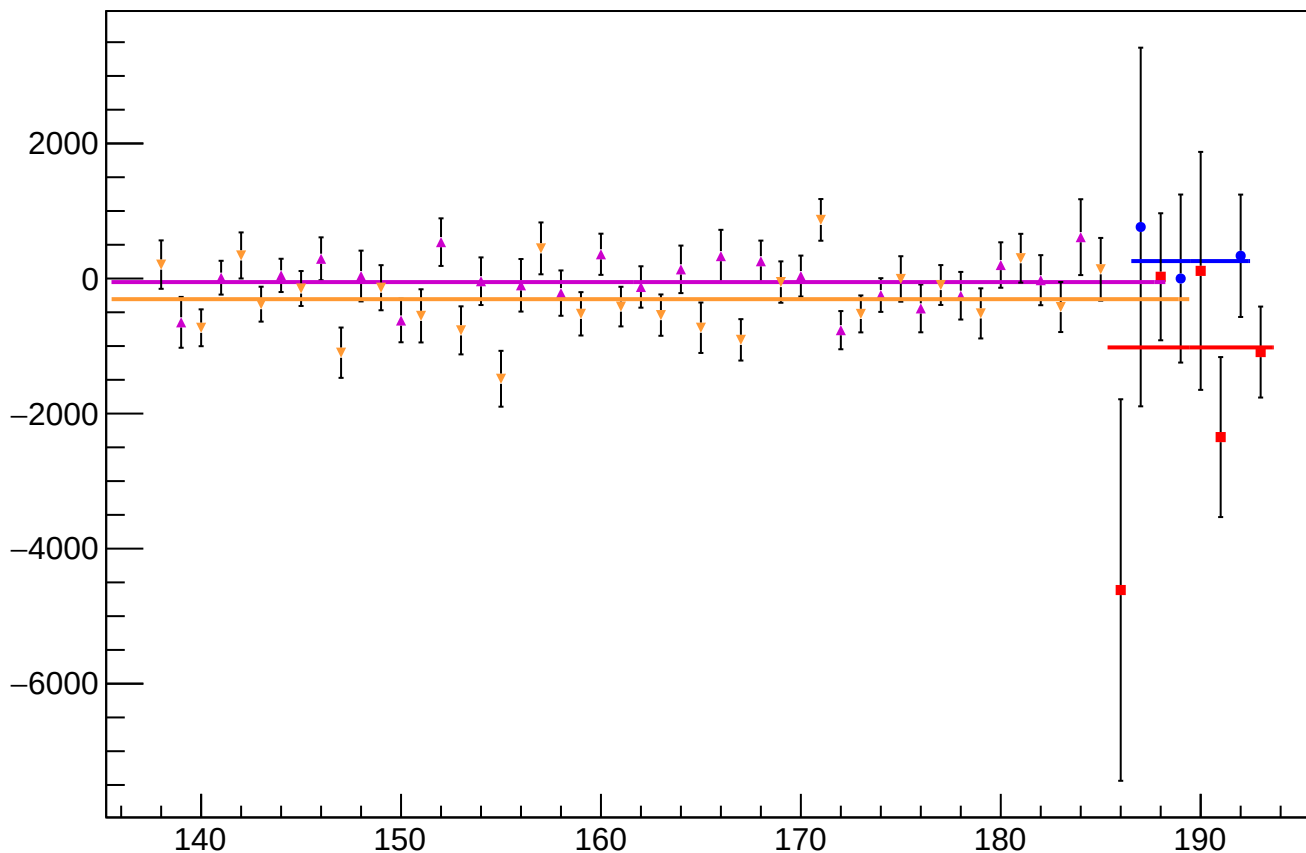
Left In: 77.080 $\pm$ 0.014 χ^2 /NDF: 1422981.1/22

+ sign 76.575 $\pm$ 0.011 χ^2 /NDF: 2241364.8/44

All: 77.122 $\pm$ 0.008 χ^2 /NDF: 4818856.6/90

- sign 77.665 $\pm$ 0.011 χ^2 /NDF: 2572546.1/45

asym_sam8_correction_mean vs Slug



Right In: 258.341 ± 706.131 χ^2/NDF : 0.1/2

Left Out: -305.659 ± 65.327 χ^2/NDF : 54.9/24

Right Out: -1020.241 ± 471.703 χ^2/NDF : 4.5/4

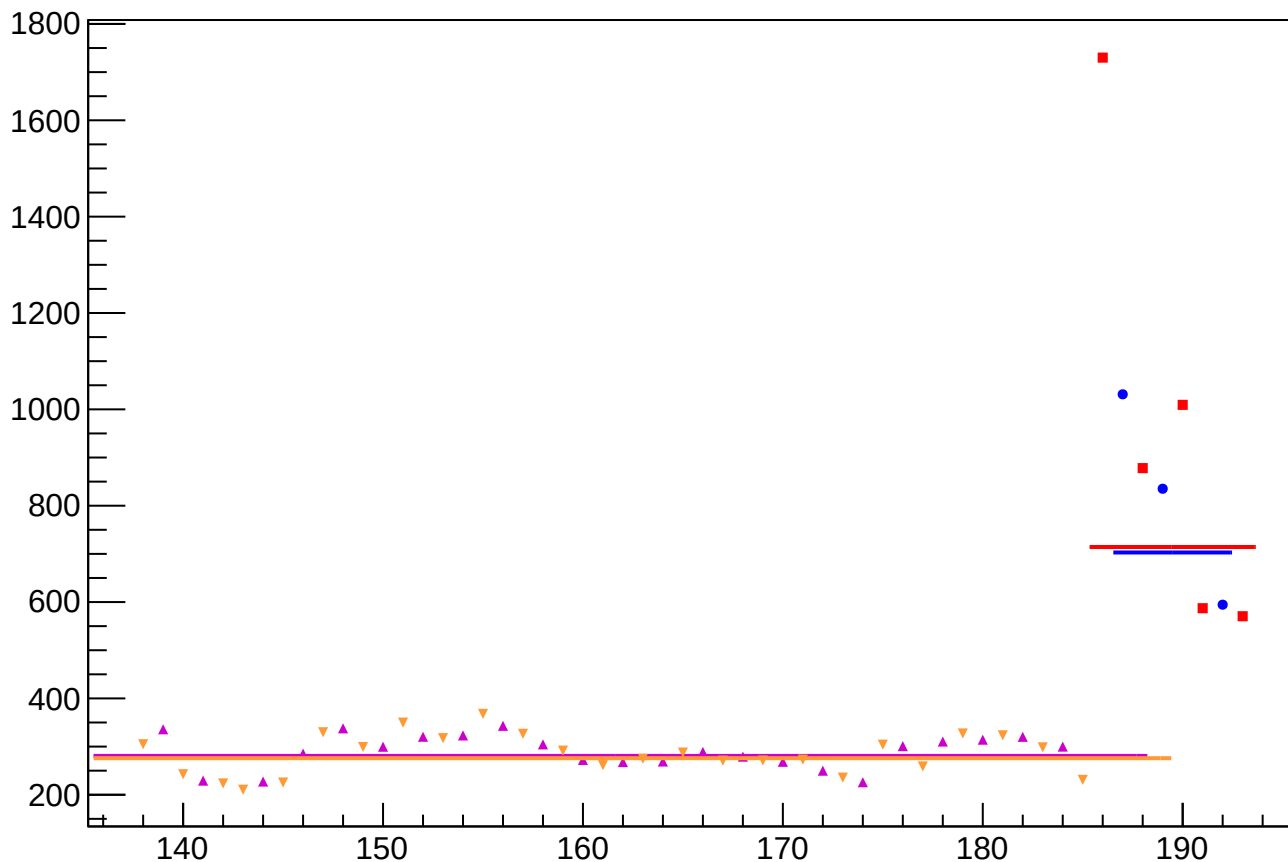
Left In: -52.759 ± 67.539 χ^2/NDF : 24.9/22

+ sign -300.873 ± 65.049 χ^2/NDF : 55.6/27

All: -189.668 ± 46.623 χ^2/NDF : 95.1/55

- sign -72.195 ± 66.857 χ^2/NDF : 33.5/27

asym_sam8_correction_rms vs Slug



Right In: 702.912 $\pm$ 0.499 χ^2 /NDF: 81788.1/2

Left Out: 275.901 $\pm$ 0.046 χ^2 /NDF: 753109.6/24

Right Out: 714.315 $\pm$ 0.334 χ^2 /NDF: 489286.9/4

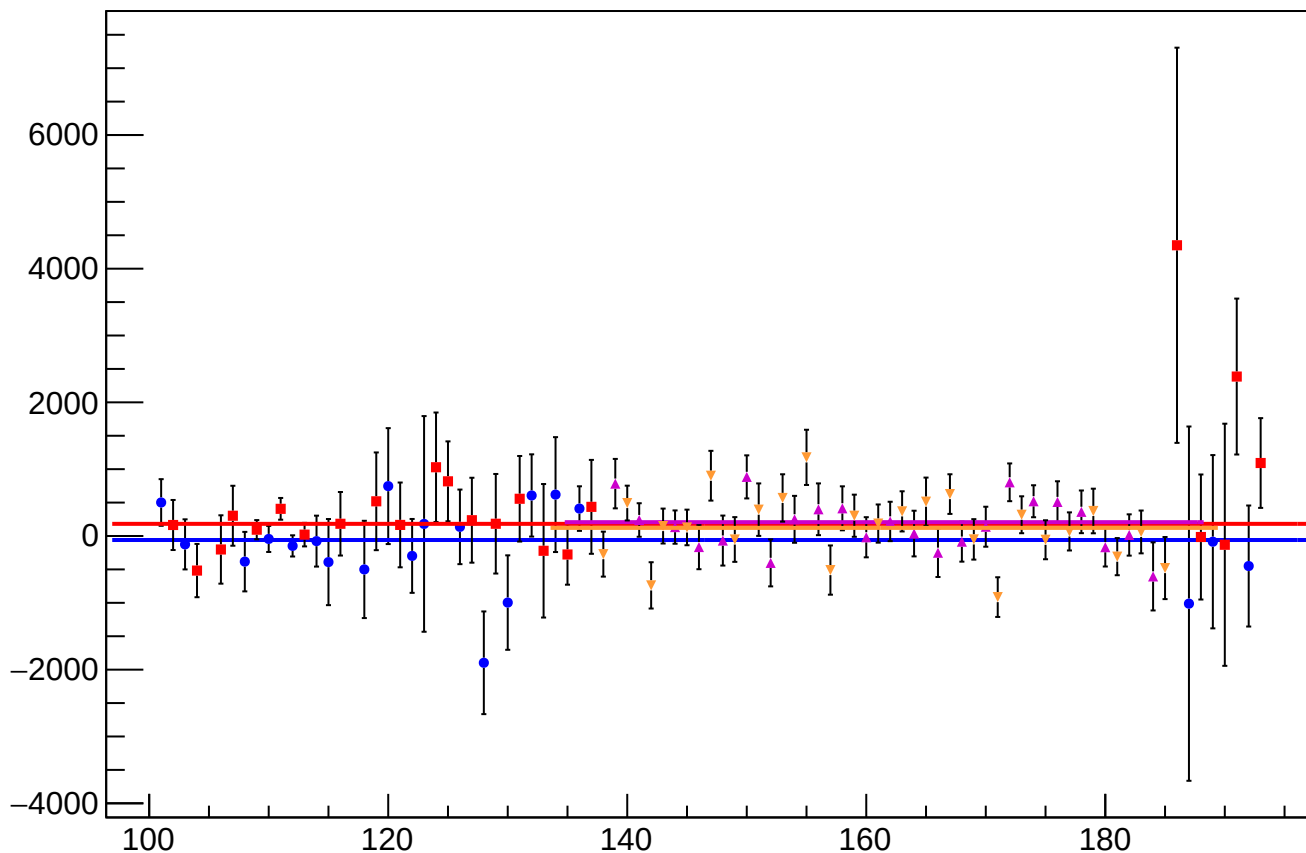
Left In: 280.628 $\pm$ 0.048 χ^2 /NDF: 587415.9/22

+ sign 279.525 $\pm$ 0.046 χ^2 /NDF: 1560063.0/27

All: 284.298 $\pm$ 0.033 χ^2 /NDF: 4315566.4/55

- sign 289.341 $\pm$ 0.047 χ^2 /NDF: 2733355.1/27

asym_sam8_mean vs Slug



Right In: -60.040 ± 89.642 χ^2/NDF : 16.9/19

Left Out: 121.185 ± 62.911 χ^2/NDF : 49.0/24

Right Out: 181.786 ± 76.037 χ^2/NDF : 18.4/22

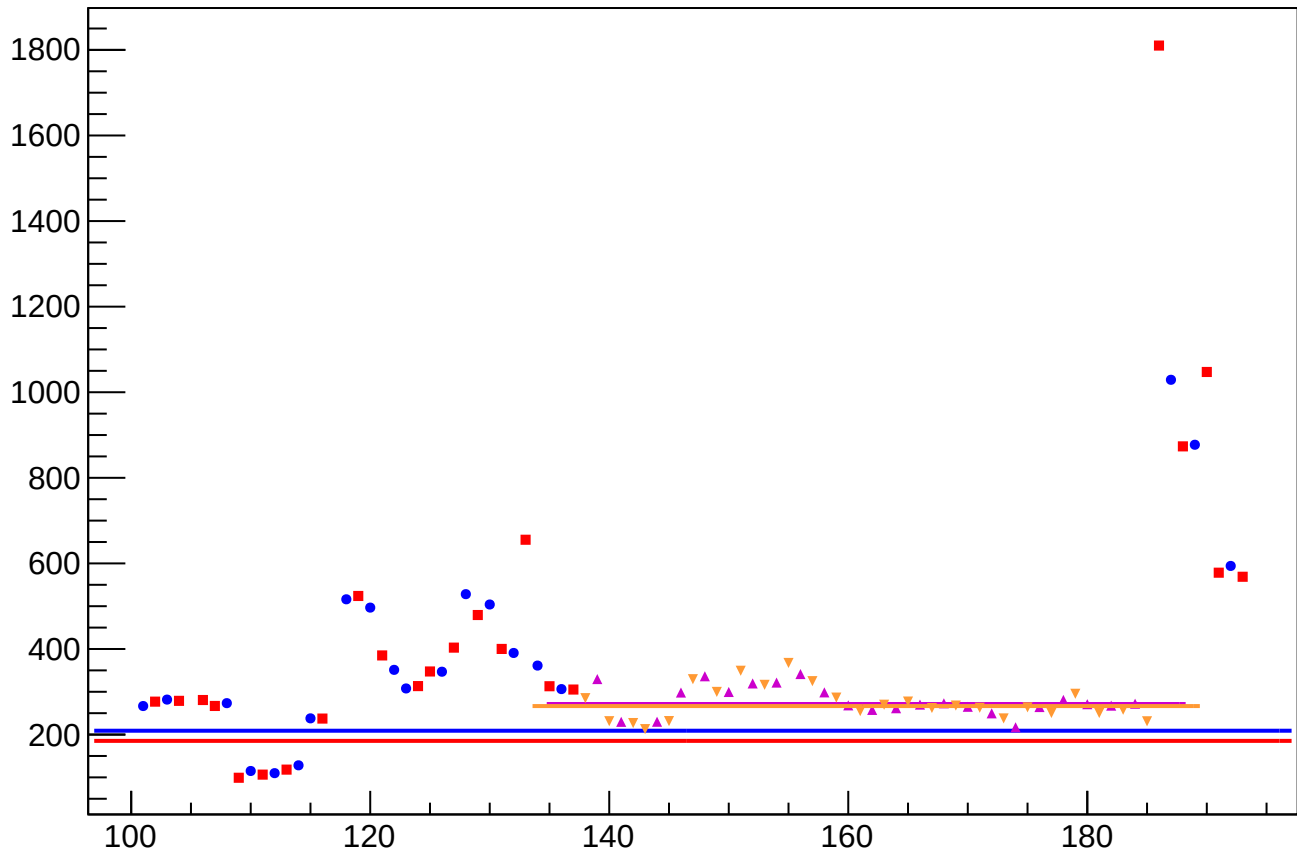
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 61.382 ± 51.495 χ^2/NDF : 68.6/44

All: 131.502 ± 35.692 χ^2/NDF : 118.4/90

- sign 196.335 ± 49.516 χ^2/NDF : 46.2/45

asym_sam8_rms vs Slug



Right In: 209.003+/-0.063 χ^2/NDF : 4536477.4/19

Left Out: 266.618+/-0.044 χ^2/NDF : 639230.8/24

Right Out: 185.283+/-0.054 χ^2/NDF : 7145518.0/22

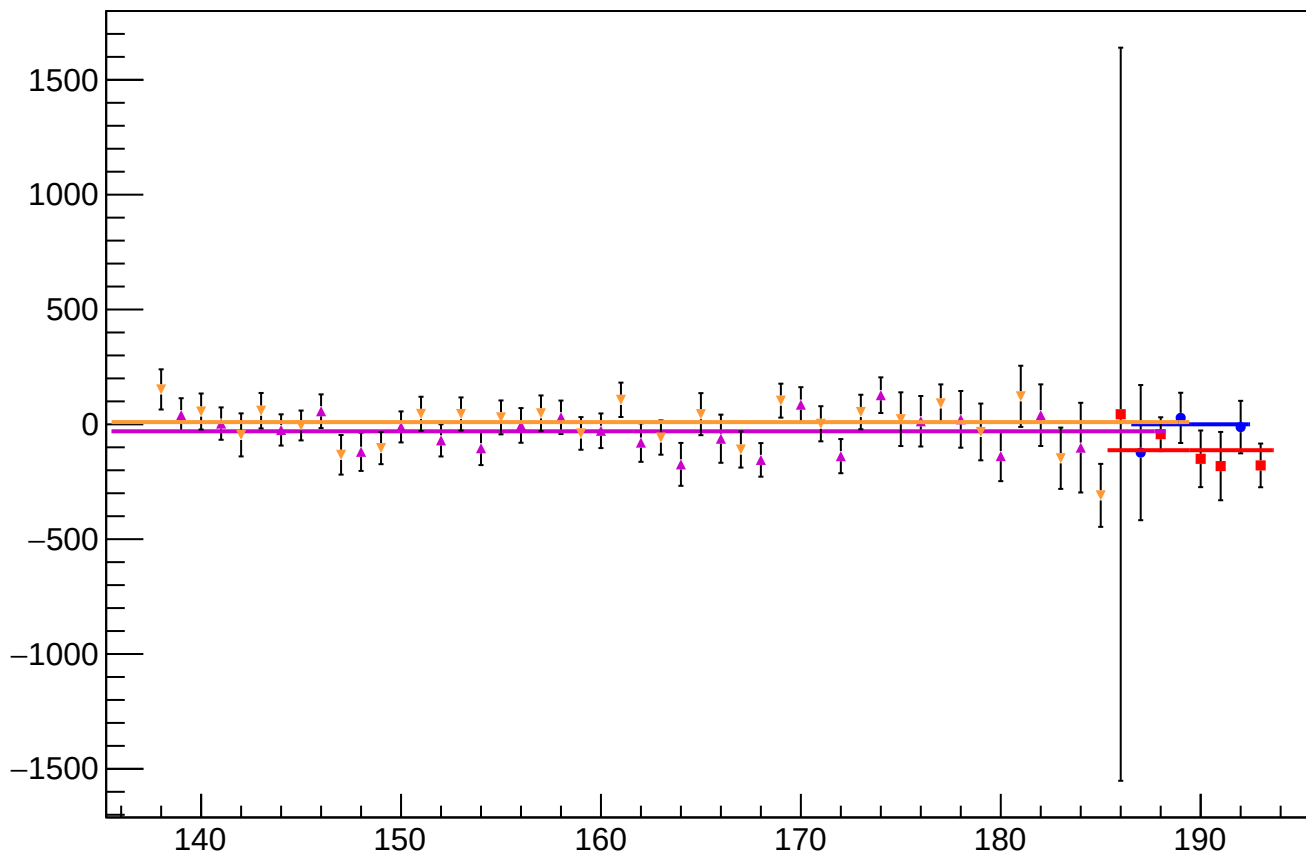
Left In: 271.451+/-0.046 χ^2/NDF : 530897.8/22

+ sign 247.605+/-0.036 χ^2/NDF : 5729243.1/44

All: 241.009+/-0.025 χ^2/NDF : 14948085.0/90

- sign 234.910+/-0.035 χ^2/NDF : 9155679.4/45

dit_asym_sam_15_avg_mean vs Slug



Right In: 0.145 ± 76.295 $\chi^2/\text{NDF}: 0.3/2$

Left Out: 9.762 ± 16.463 $\chi^2/\text{NDF}: 25.9/24$

Right Out: -112.639 ± 49.619 $\chi^2/\text{NDF}: 1.7/4$

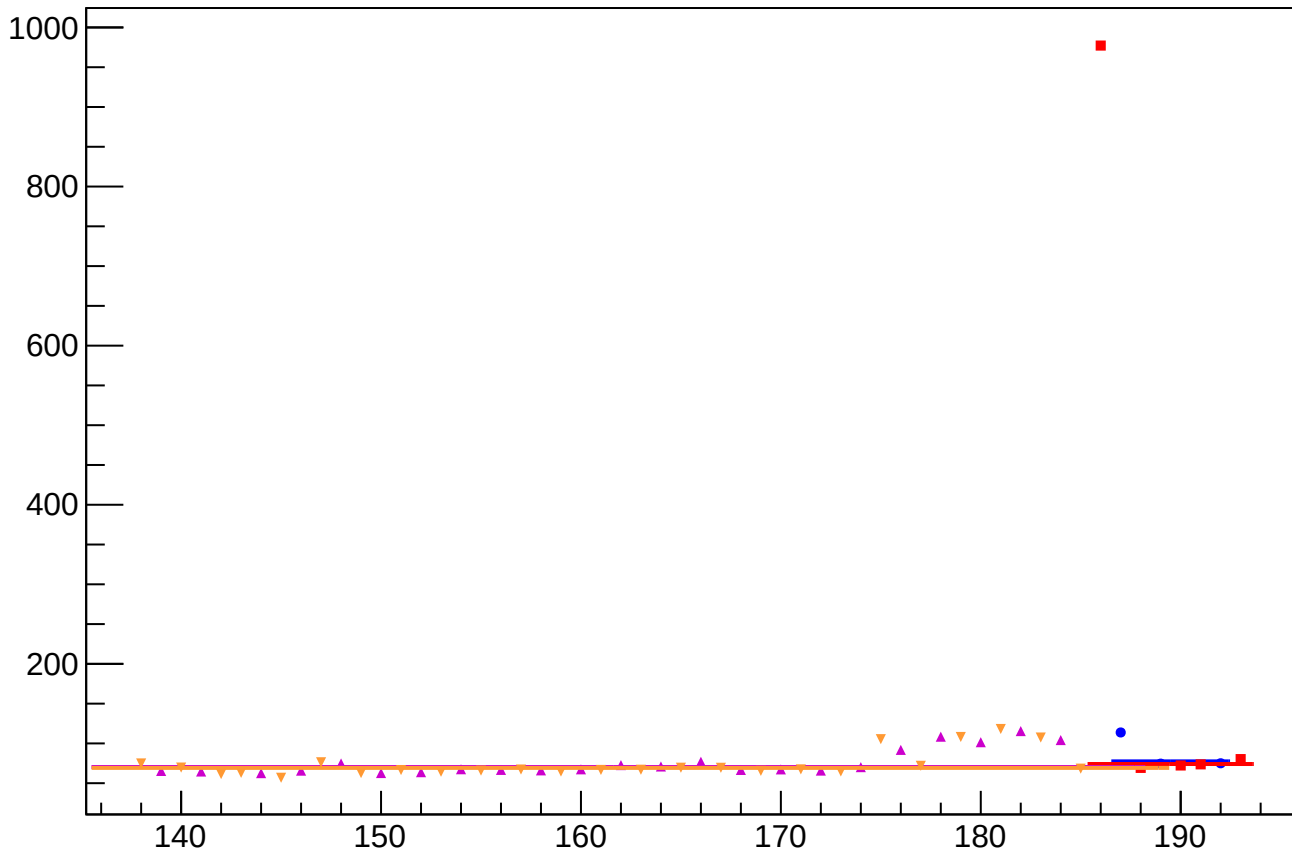
Left In: -30.236 ± 17.031 $\chi^2/\text{NDF}: 21.9/22$

+ sign 9.334 ± 16.093 $\chi^2/\text{NDF}: 26.2/27$

All: -14.770 ± 11.385 $\chi^2/\text{NDF}: 56.7/55$

- sign -38.920 ± 16.108 $\chi^2/\text{NDF}: 26.1/27$

dit_asym_sam_15_avg_rms vs Slug



Right In: 77.409 $\pm$ 0.054 χ^2 /NDF: 32744.2/2

Left Out: 69.234 $\pm$ 0.012 χ^2 /NDF: 1005922.1/24

Right Out: 74.106 $\pm$ 0.035 χ^2 /NDF: 657984.0/4

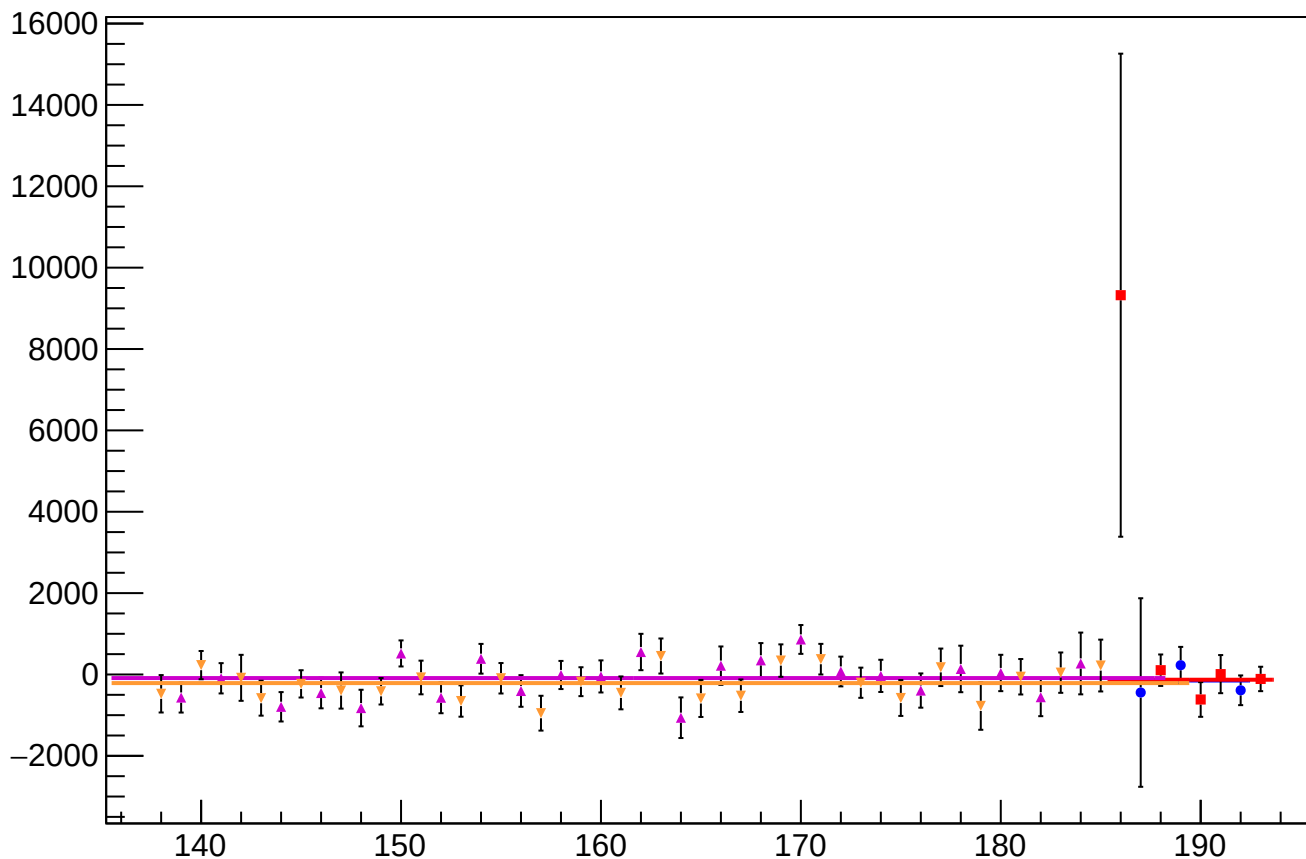
Left In: 70.322 $\pm$ 0.012 χ^2 /NDF: 862105.7/22

+ sign 69.598 $\pm$ 0.011 χ^2 /NDF: 1060608.7/27

All: 70.159 $\pm$ 0.008 χ^2 /NDF: 2595973.3/55

- sign 70.721 $\pm$ 0.011 χ^2 /NDF: 1530494.7/27

asym_sam_15_avg_correction_mean vs Slug



Right In: -147.867+/-281.490 χ^2/NDF : 1.1/2

Left Out: -211.526+/-82.780 χ^2/NDF :19.4/24

Right Out: -129.001+/-189.286 χ^2/NDF : 4.3/4

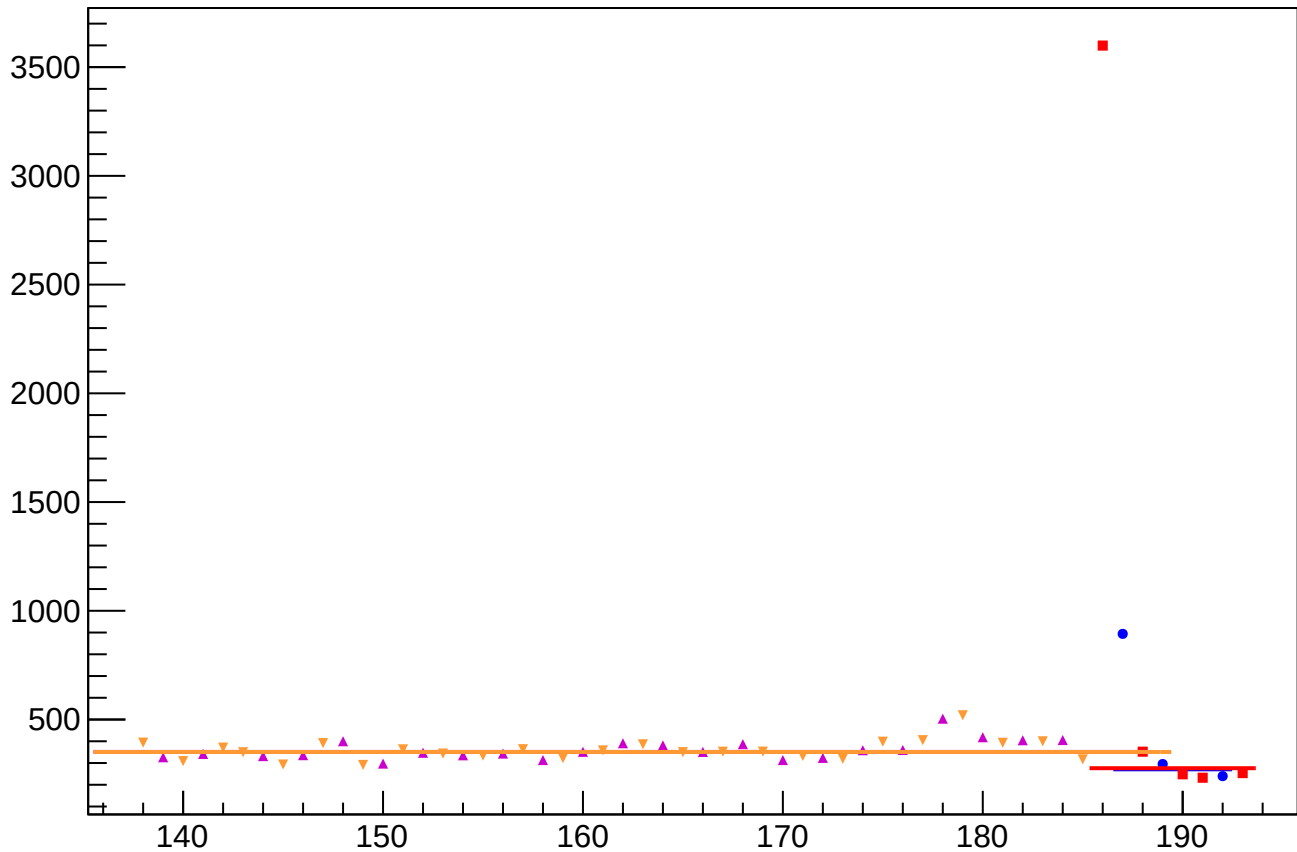
Left In: -88.062+/-84.309 χ^2/NDF :33.5/22

+ sign -206.459+/-79.417 χ^2/NDF : 20.6/27

All: -148.936+/-55.288 χ^2/NDF : 59.4/55

- sign -94.839+/-77.015 χ^2/NDF : 37.8/27

asym_sam_15_avg_correction_rms vs Slug



Right In: 271.105+/-0.199 χ^2/NDF : 165075.8/2

Left Out: 350.780+/-0.059 χ^2/NDF : 506274.4/24

Right Out: 276.131+/-0.134 χ^2/NDF : 741341.0/4

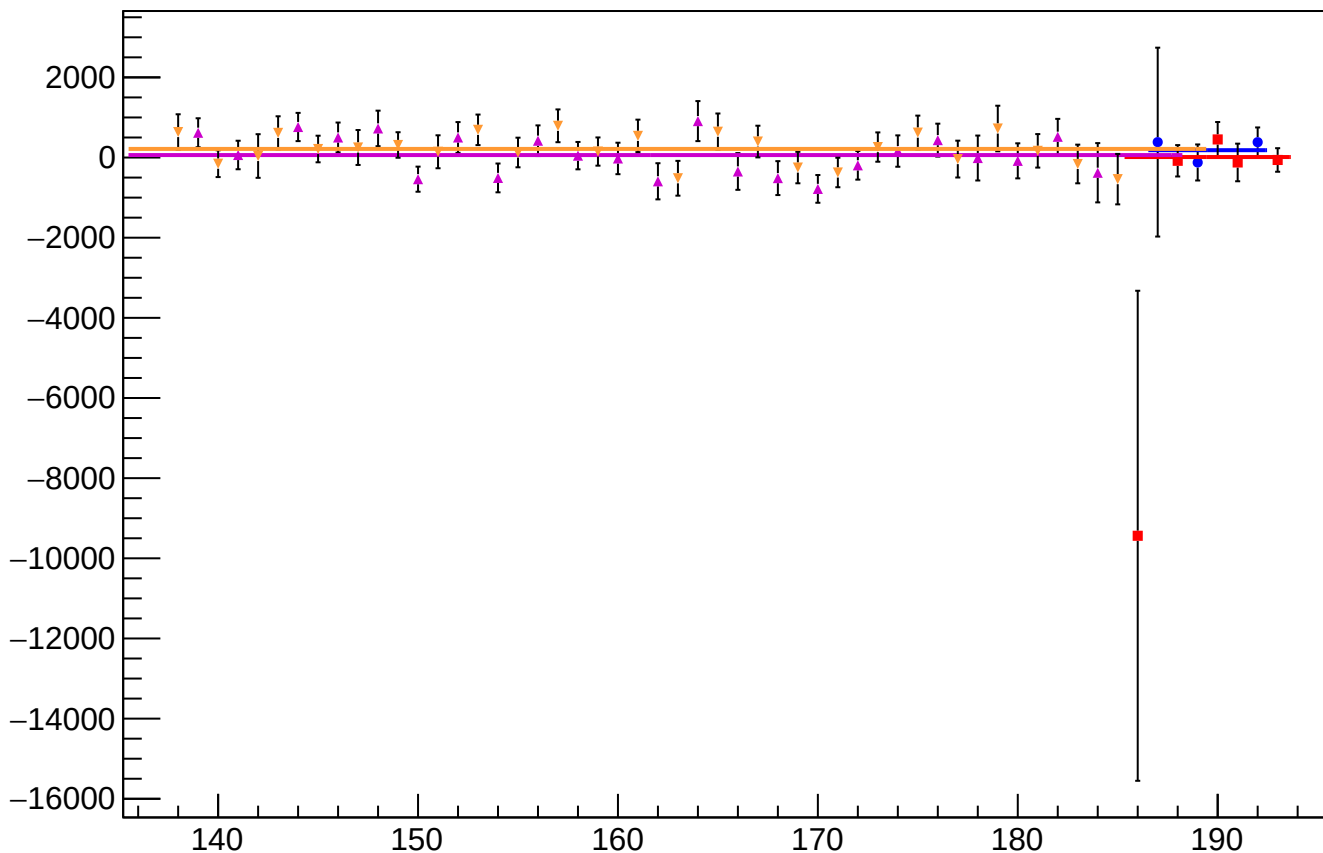
Left In: 350.944+/-0.060 χ^2/NDF : 424876.4/22

+ sign 344.438+/-0.056 χ^2/NDF : 818830.8/27

All: 341.409+/-0.039 χ^2/NDF : 2251401.2/55

- sign 338.560+/-0.054 χ^2/NDF : 1426922.5/27

asym_sam_15_avg_mean vs Slug



Right In: 183.347 $\pm$ 282.539 χ^2 /NDF: 0.8/2

Left Out: 215.214 $\pm$ 81.235 χ^2 /NDF:19.6/24

Right Out: 12.502 $\pm$ 189.099 χ^2 /NDF: 3.6/4

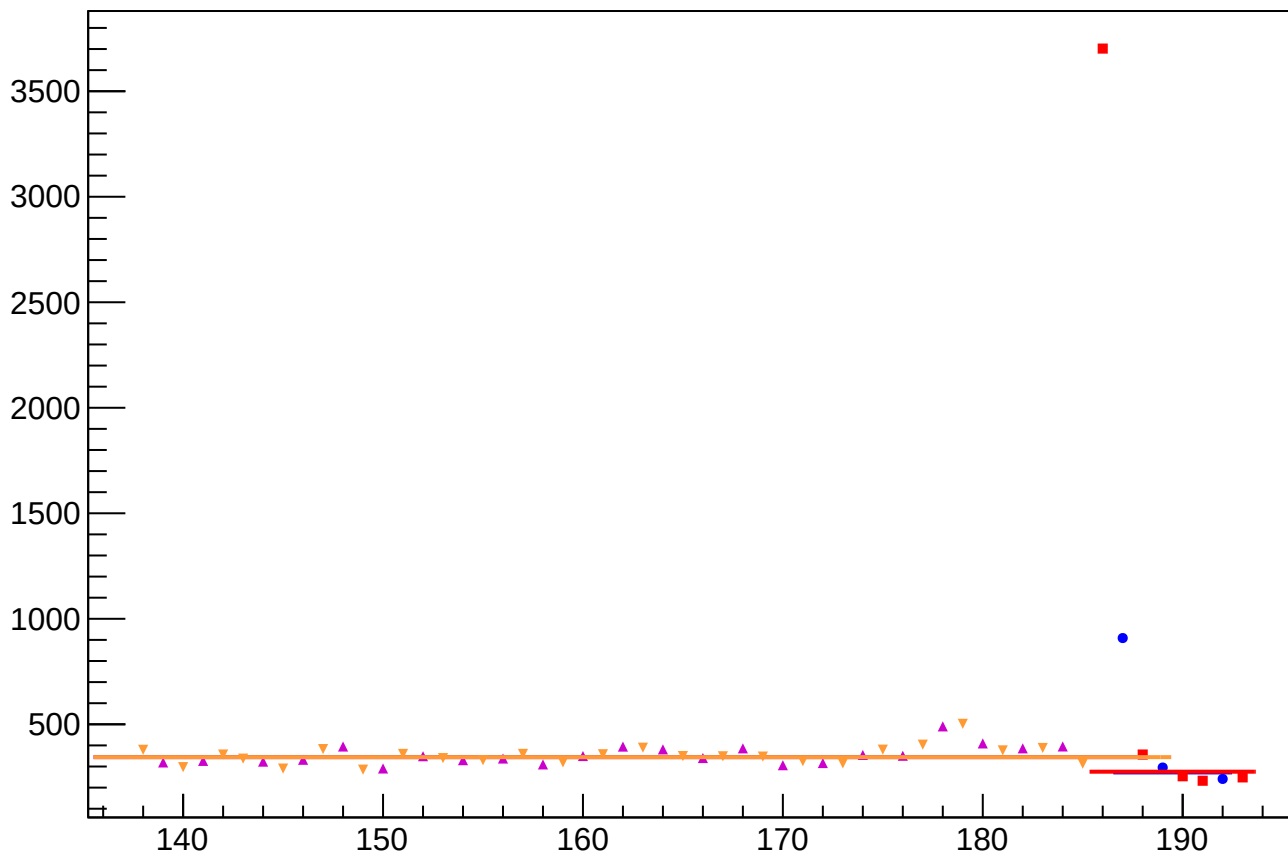
Left In: 61.730 $\pm$ 82.841 χ^2 /NDF:34.9/22

+ sign 212.781 $\pm$ 78.072 χ^2 /NDF: 20.4/27

All: 131.028 $\pm$ 54.413 χ^2 /NDF: 61.1/55

- sign 53.804 $\pm$ 75.879 χ^2 /NDF: 38.6/27

asym_sam_15_avg_rms vs Slug



Right In: 272.066 $\pm$ 0.200 χ^2 /NDF: 165422.2/2

Left Out: 344.439 $\pm$ 0.057 χ^2 /NDF: 488381.9/24

Right Out: 275.465 $\pm$ 0.134 χ^2 /NDF: 753150.1/4

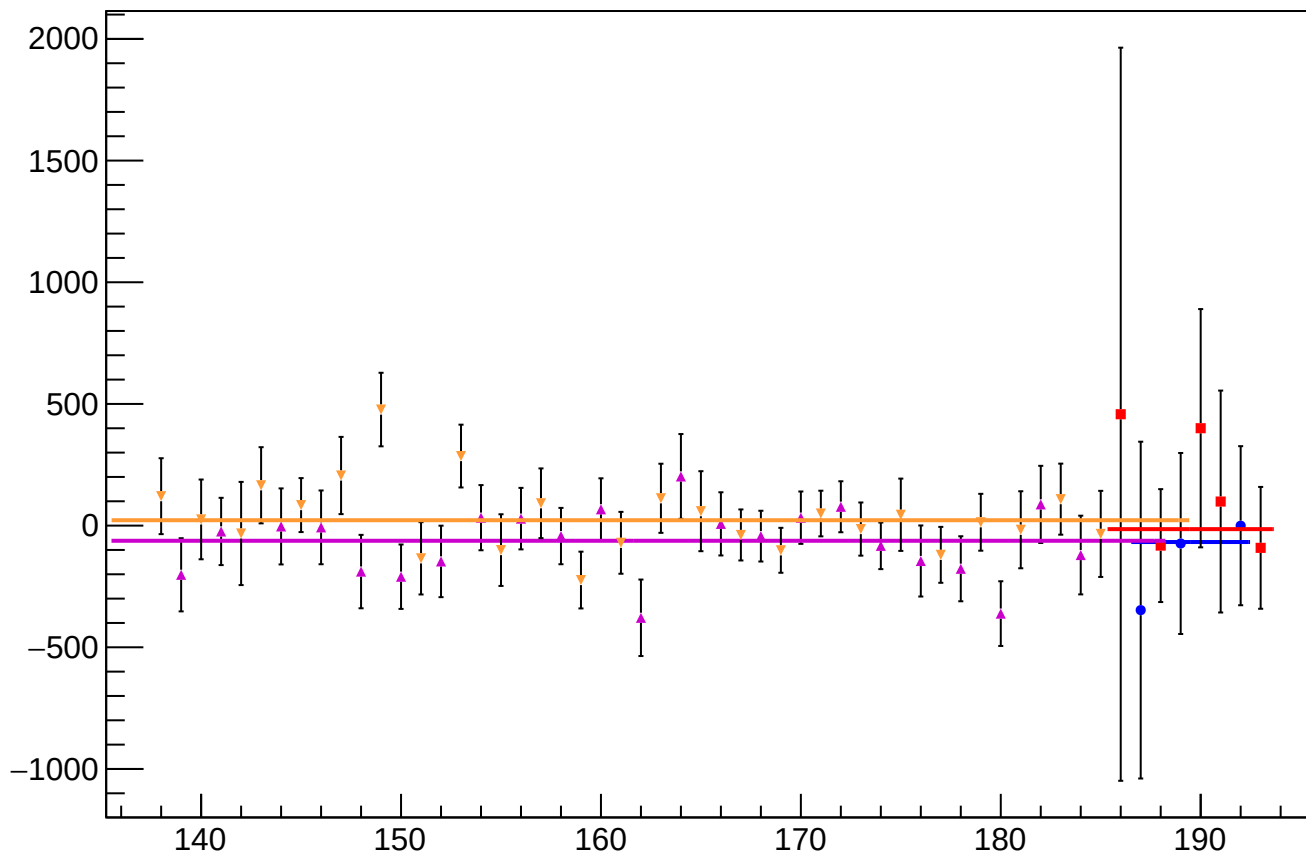
Left In: 344.475 $\pm$ 0.059 χ^2 /NDF: 433401.7/22

+ sign 338.913 $\pm$ 0.055 χ^2 /NDF: 775014.3/27

All: 336.059 $\pm$ 0.038 χ^2 /NDF: 2190238.1/55

- sign 333.363 $\pm$ 0.054 χ^2 /NDF: 1410026.7/27

dit_asym_sam_26_avg_mean vs Slug



Right In: -67.438 ± 231.384 χ^2/NDF : 0.2/2

Left Out: 22.164 ± 26.284 χ^2/NDF : 28.1/24

Right Out: -14.461 ± 150.818 χ^2/NDF : 1.1/4

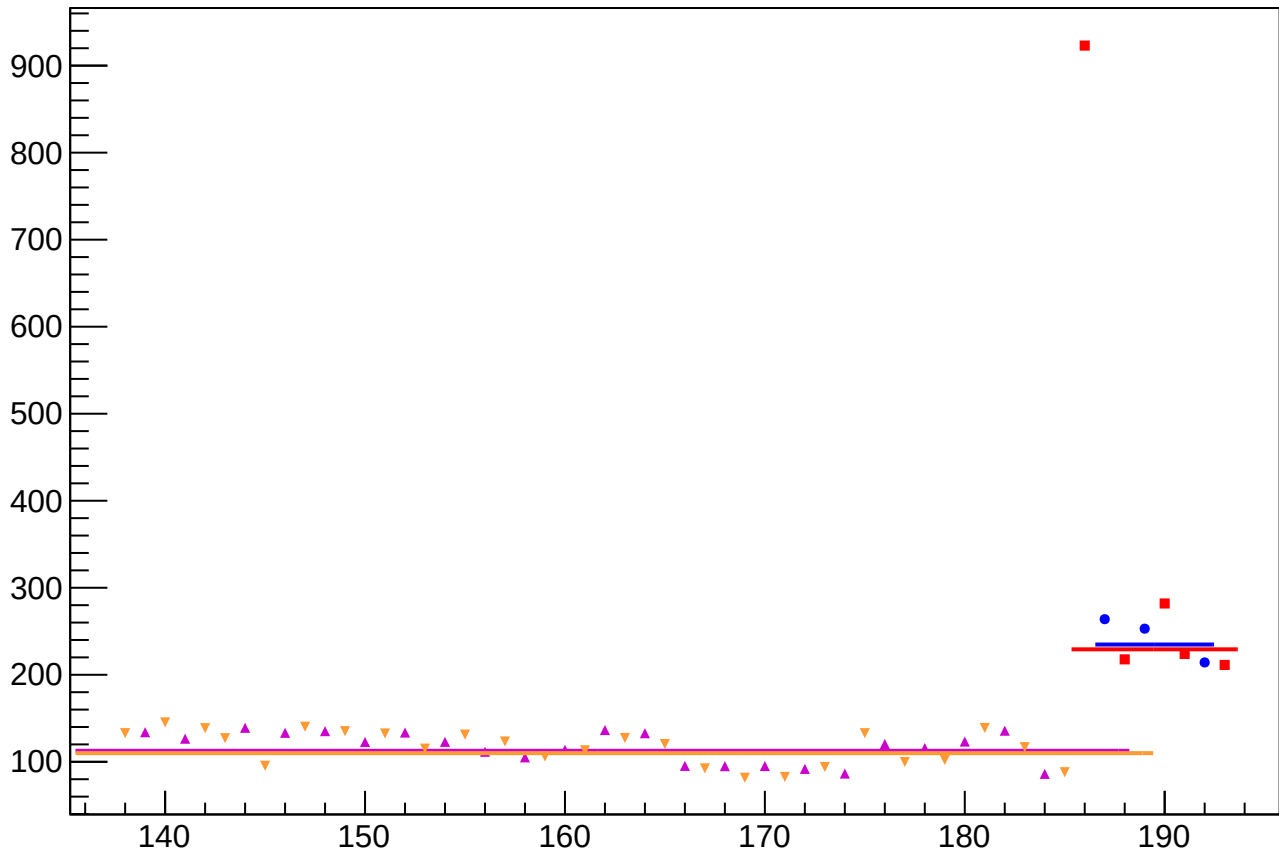
Left In: -62.310 ± 27.398 χ^2/NDF : 22.0/22

+ sign 21.022 ± 26.116 χ^2/NDF : 28.4/27

All: -18.584 ± 18.757 χ^2/NDF : 56.4/55

- sign -60.781 ± 26.957 χ^2/NDF : 23.2/27

dit_asym_sam_26_avg_rms vs Slug



Right In: 234.777 $\pm$ 0.164 χ^2/NDF : 16264.5/2

Left Out: 109.953 $\pm$ 0.019 χ^2/NDF : 1140626.9/24

Right Out: 229.254 $\pm$ 0.107 χ^2/NDF : 462884.0/4

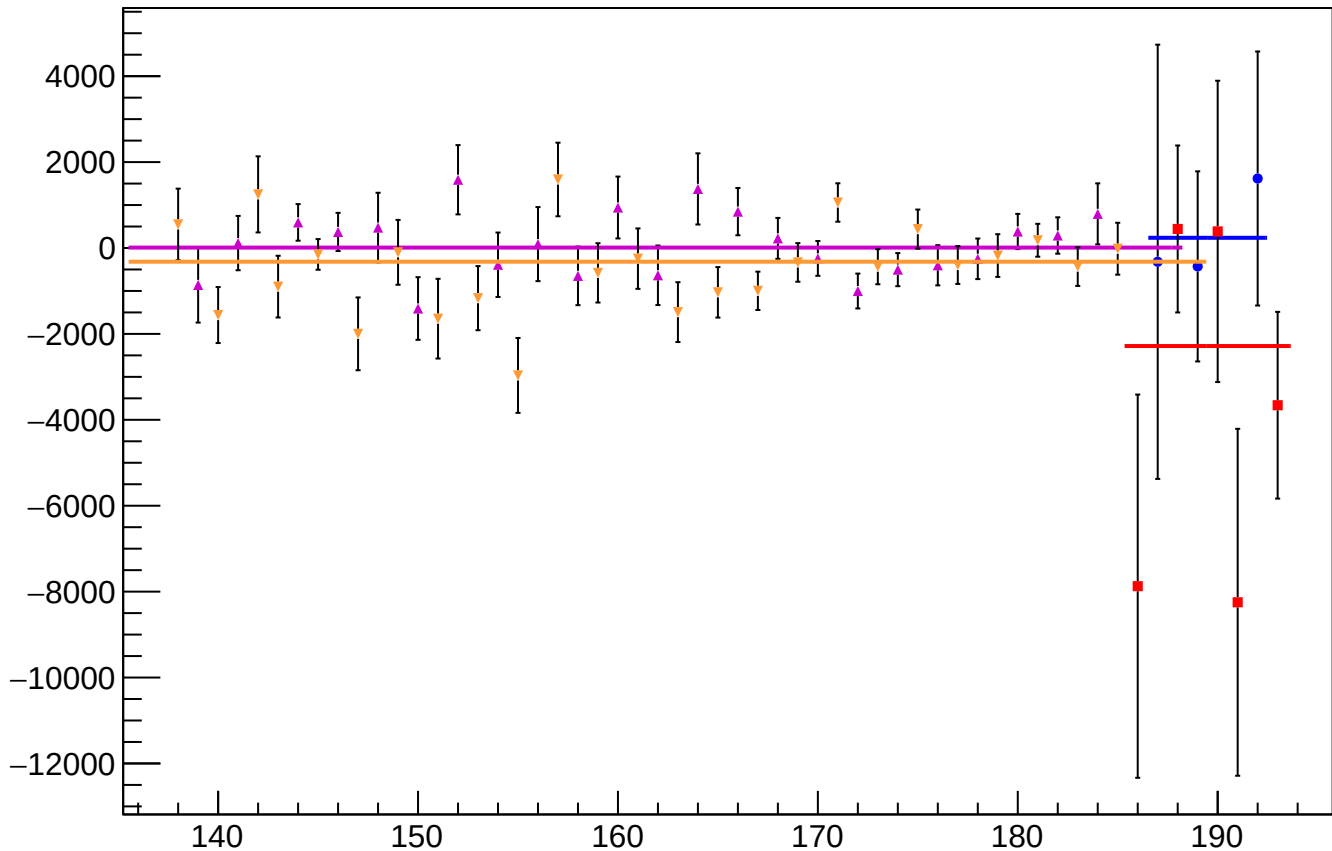
Left In: 112.657 $\pm$ 0.019 χ^2/NDF : 835831.1/22

+ sign 111.543 $\pm$ 0.018 χ^2/NDF : 1731530.1/27

All: 113.886 $\pm$ 0.013 χ^2/NDF : 4220664.3/55

- sign 116.382 $\pm$ 0.019 χ^2/NDF : 2455886.7/27

asym_sam_26_avg_correction_mean vs Slug



Right In: 237.435 ± 1672.191 $\chi^2/\text{NDF}: 0.3/2$

Left Out: -319.391 ± 110.306 $\chi^2/\text{NDF}: 51.5/24$

Right Out: -2282.473 ± 1222.404 $\chi^2/\text{NDF}: 6.7/4$

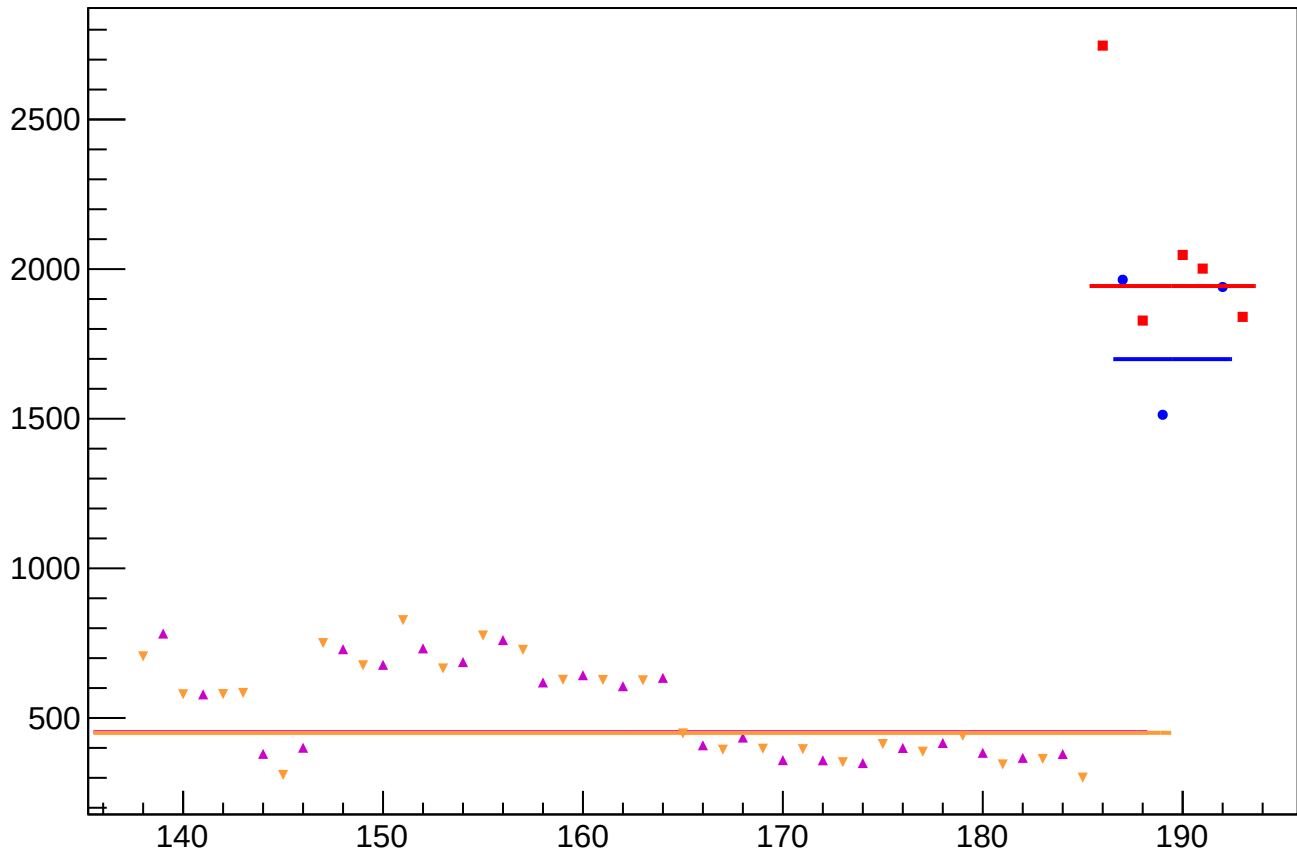
Left In: 9.462 ± 112.340 $\chi^2/\text{NDF}: 32.5/22$

+ sign -316.979 ± 110.066 $\chi^2/\text{NDF}: 52.0/27$

All: -165.851 ± 78.458 $\chi^2/\text{NDF}: 98.5/55$

- sign -9.733 ± 111.869 $\chi^2/\text{NDF}: 42.7/27$

asym_sam_26_avg_correction_rms vs Slug



Right In: 1699.111+/-1.182 χ^2/NDF : 32919.6/2

Left Out: 450.363+/-0.078 χ^2/NDF : 3096435.8/24

Right Out: 1943.435+/-0.864 χ^2/NDF : 78589.2/4

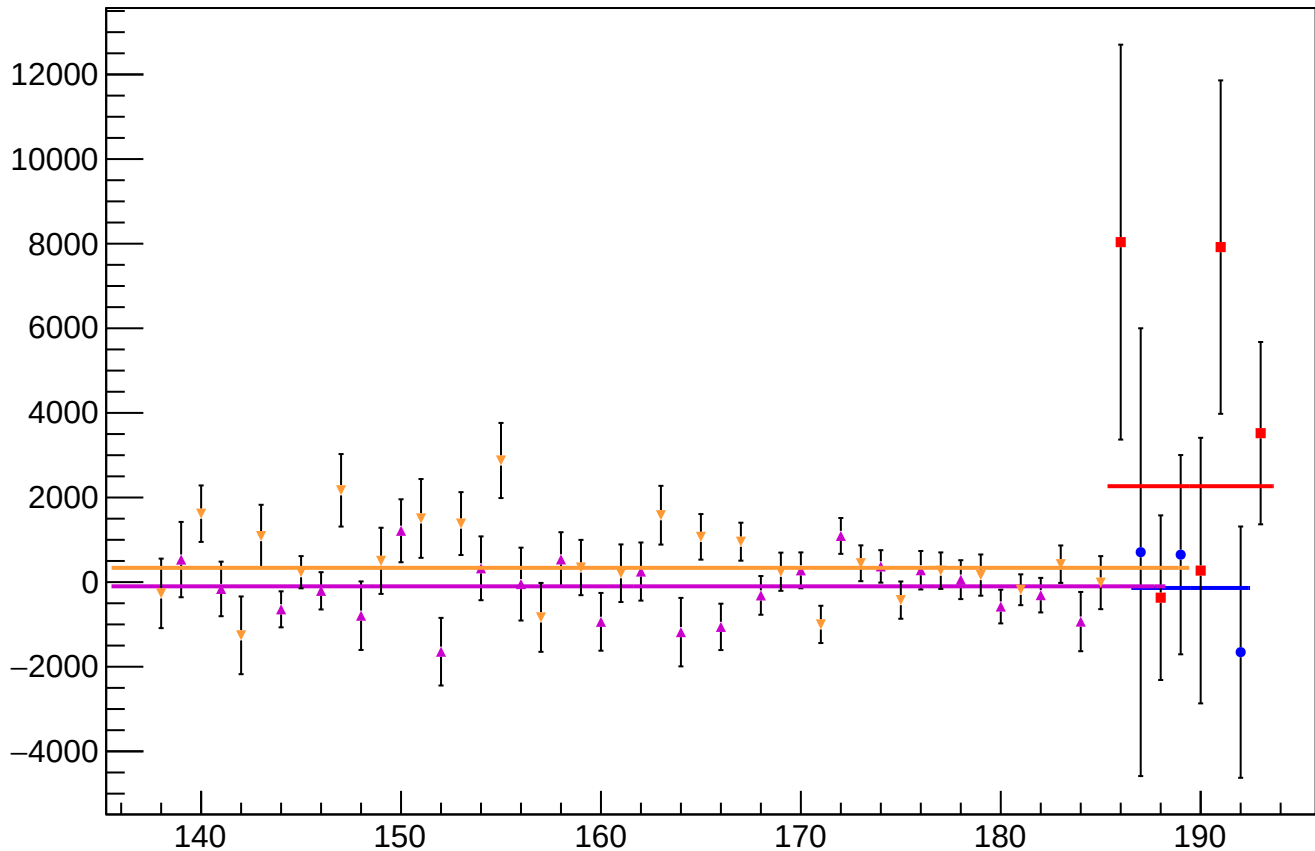
Left In: 452.694+/-0.079 χ^2/NDF : 2586032.2/22

+ sign 455.773+/-0.078 χ^2/NDF : 4239863.7/27

All: 460.400+/-0.055 χ^2/NDF : 9861197.7/55

- sign 465.179+/-0.079 χ^2/NDF : 5614149.6/27

asym_sam_26_avg_mean vs Slug



Right In: -138.085 ± 1742.492 $\chi^2/\text{NDF}: 0.4/2$

Left Out: 337.948 ± 109.831 $\chi^2/\text{NDF}: 48.6/24$

Right Out: 2267.352 ± 1202.702 $\chi^2/\text{NDF}: 6.2/4$

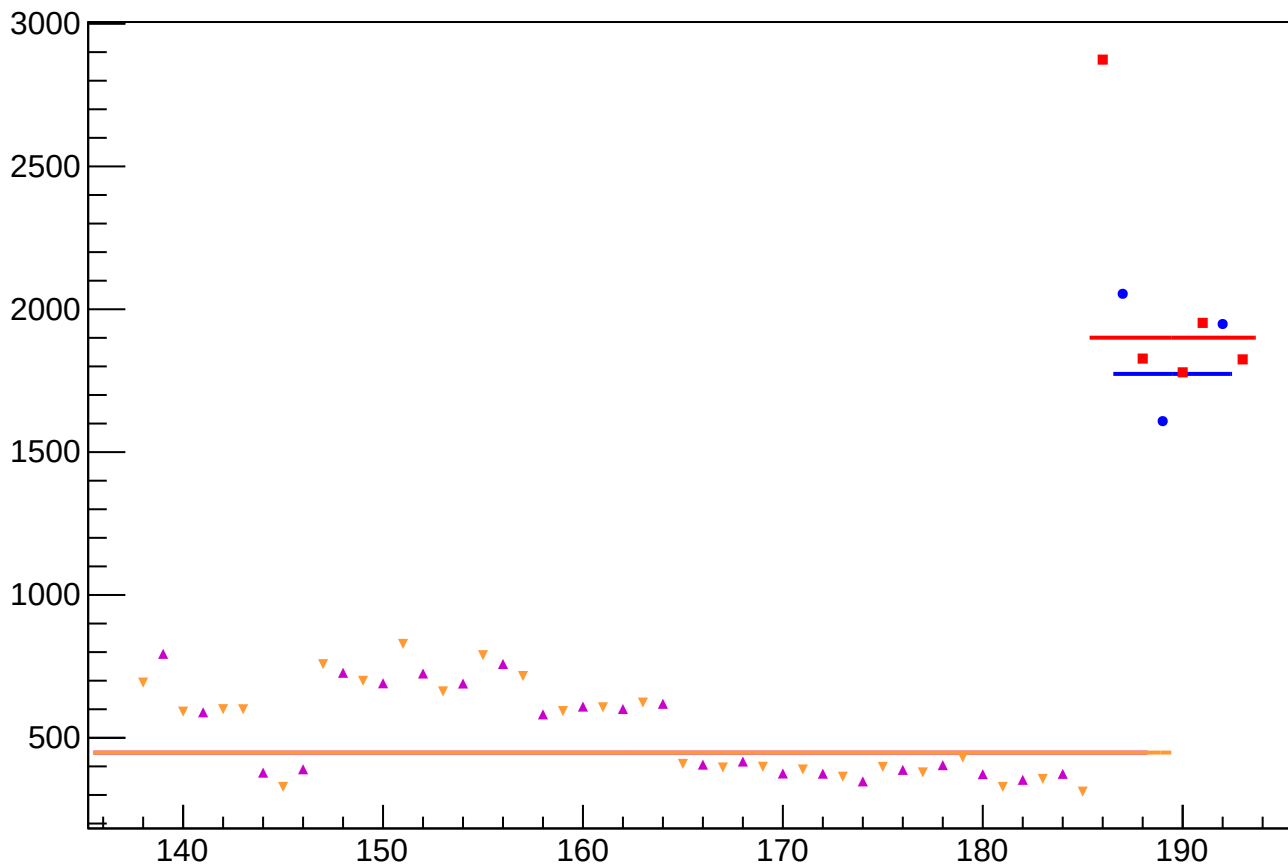
Left In: -99.475 ± 111.475 $\chi^2/\text{NDF}: 32.1/22$

+ sign 336.064 ± 109.613 $\chi^2/\text{NDF}: 49.0/27$

All: 130.984 ± 77.994 $\chi^2/\text{NDF}: 98.2/55$

- sign -79.315 ± 110.999 $\chi^2/\text{NDF}: 42.1/27$

asym_sam_26_avg_rms vs Slug



Right In: 1773.781+/-1.232 χ^2/NDF : 22381.3/2

Left Out: 448.397+/-0.078 χ^2/NDF : 3077183.0/24

Right Out: 1900.578+/-0.850 χ^2/NDF : 95611.2/4

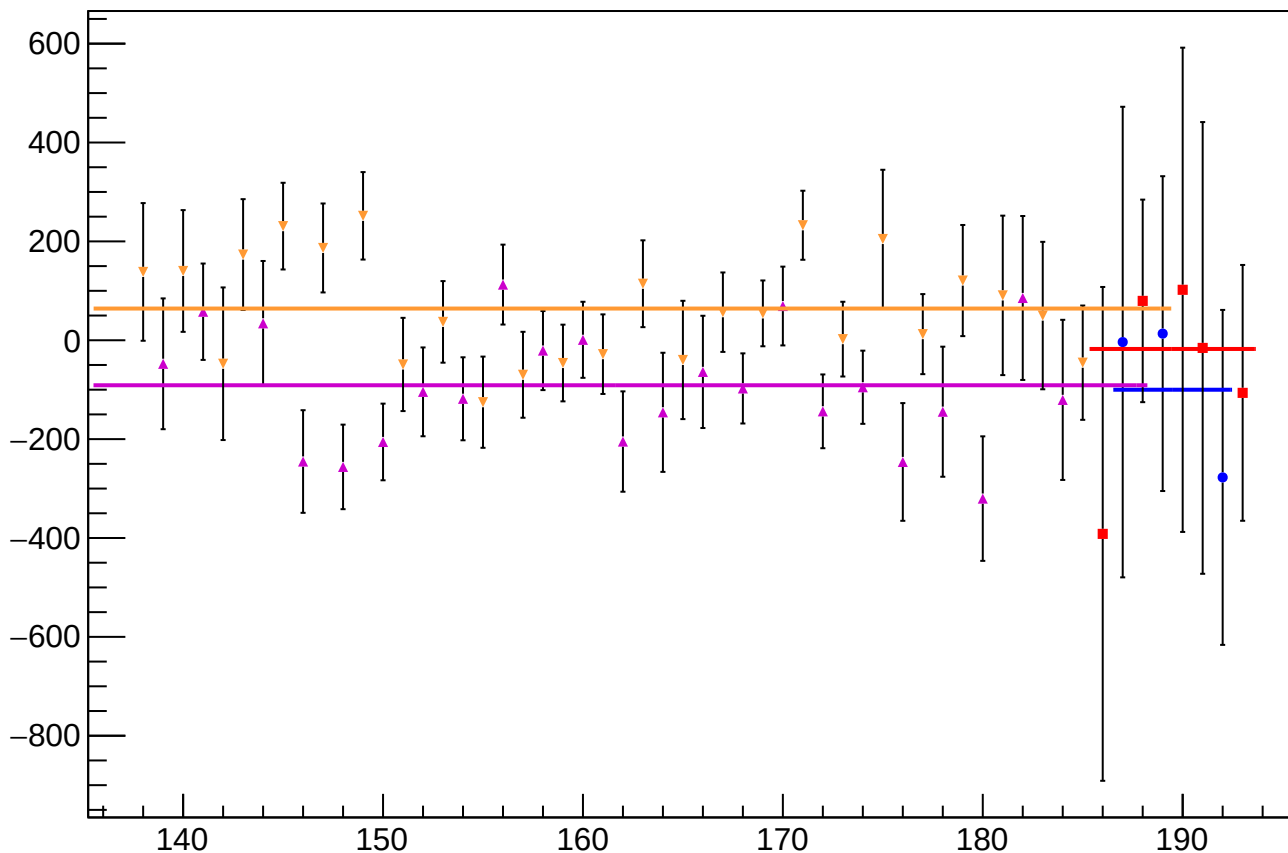
Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

+ sign 453.641+/-0.078 χ^2/NDF : 4252088.7/27

All: 457.081+/-0.055 χ^2/NDF : 9806727.6/55

- sign 460.609+/-0.078 χ^2/NDF : 5550649.1/27

dit_asym_sam_37_avg_mean vs Slug



Right In: -100.078 $\pm$ 208.565 χ^2 /NDF: 0.4/2

Left Out: 64.142 $\pm$ 18.728 χ^2 /NDF:33.8/24

Right Out: -17.609 $\pm$ 139.036 χ^2 /NDF: 1.0/4

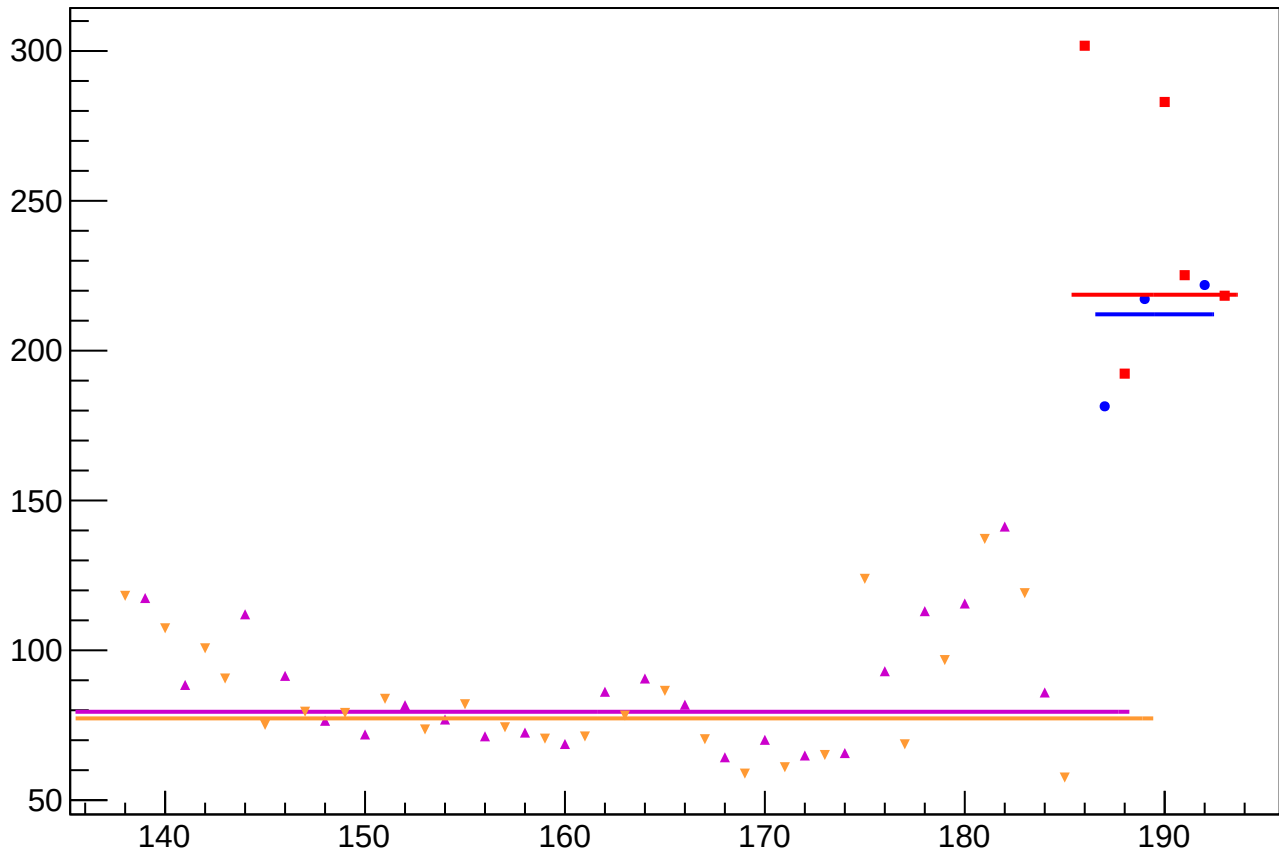
Left In: -91.028 $\pm$ 19.637 χ^2 /NDF:32.6/22

+ sign 62.828 $\pm$ 18.653 χ^2 /NDF: 34.8/27

All: -10.216 $\pm$ 13.461 χ^2 /NDF: 100.7/55

- sign -89.592 $\pm$ 19.444 χ^2 /NDF: 33.9/27

dit_asym_sam_37_avg_rms vs Slug



Right In: 212.125+/-0.147 χ^2/NDF : 10501.2/2

Left Out: 77.280+/-0.013 χ^2/NDF : 1553410.1/24

Right Out: 218.665+/-0.098 χ^2/NDF : 123308.1/4

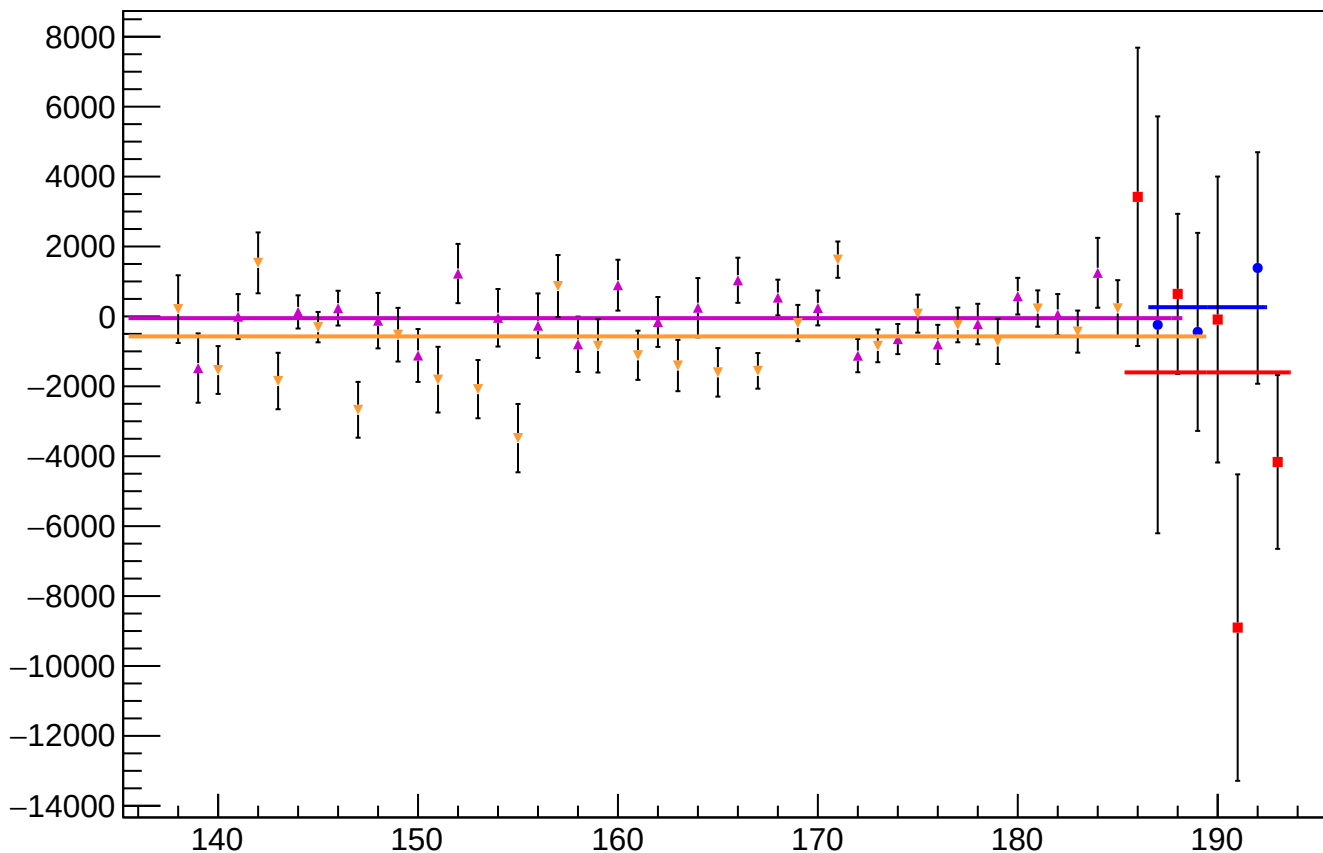
Left In: 79.491+/-0.014 χ^2/NDF : 1333774.9/22

+ sign 78.358+/-0.013 χ^2/NDF : 2393245.5/27

All: 80.206+/-0.010 χ^2/NDF : 5856032.7/55

- sign 82.213+/-0.014 χ^2/NDF : 3421841.2/27

asym_sam_37_avg_correction_mean vs Slug



Right In: 263.702 ± 2024.631 χ^2/NDF : 0.2/2

Left Out: -571.669 ± 128.158 χ^2/NDF : 66.8/24

Right Out: -1601.503 ± 1387.630 χ^2/NDF : 6.3/4

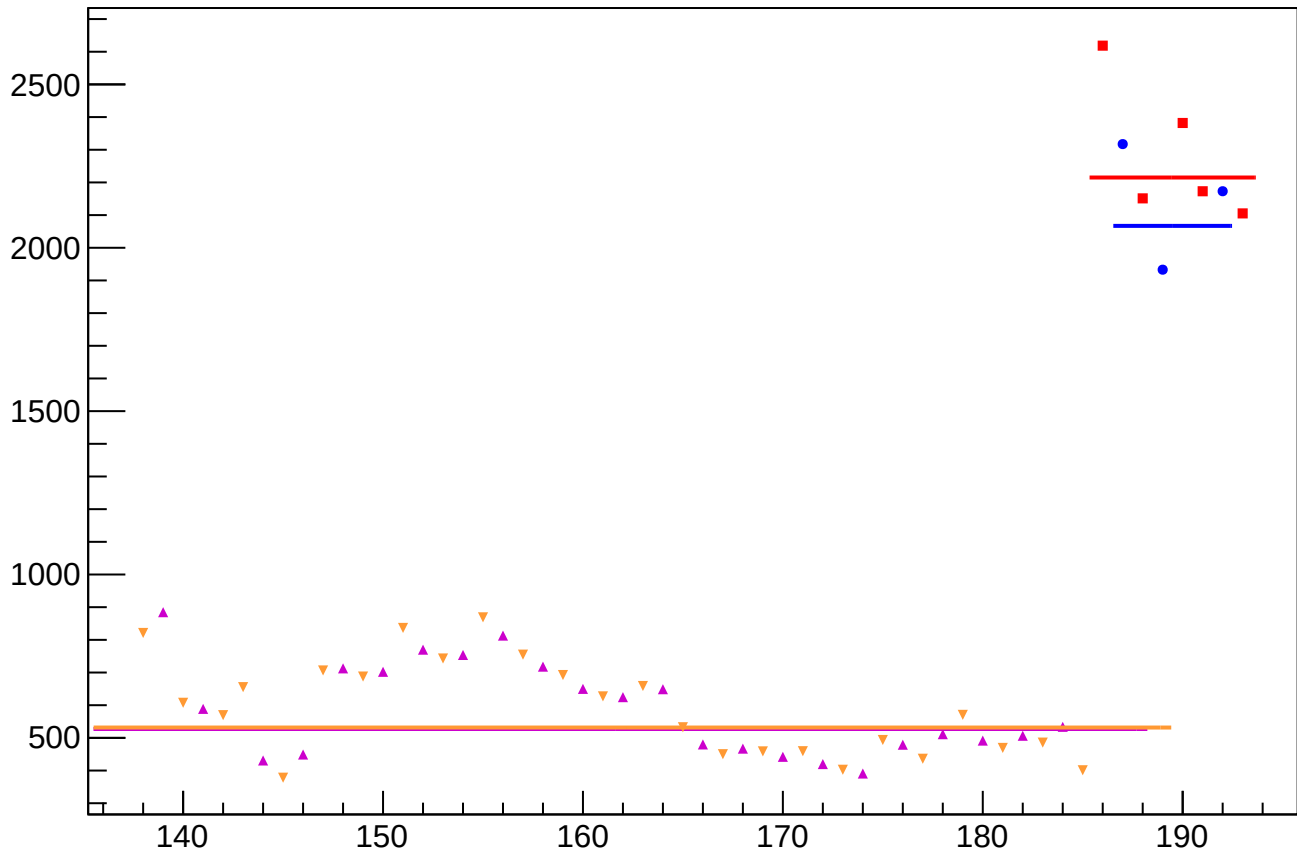
Left In: -50.077 ± 129.187 χ^2/NDF : 26.1/22

+ sign -568.335 ± 127.902 χ^2/NDF : 67.1/27

All: -317.305 ± 90.697 χ^2/NDF : 108.6/55

- sign -63.408 ± 128.630 χ^2/NDF : 33.7/27

asym_sam_37_avg_correction_rms vs Slug



Right In: 2067.019 $\pm$ 1.432 χ^2/NDF : 10056.1/2

Left Out: 531.643 $\pm$ 0.091 χ^2/NDF :2038304.3/24

Right Out: 2215.041 $\pm$ 0.981 χ^2/NDF : 26861.1/4

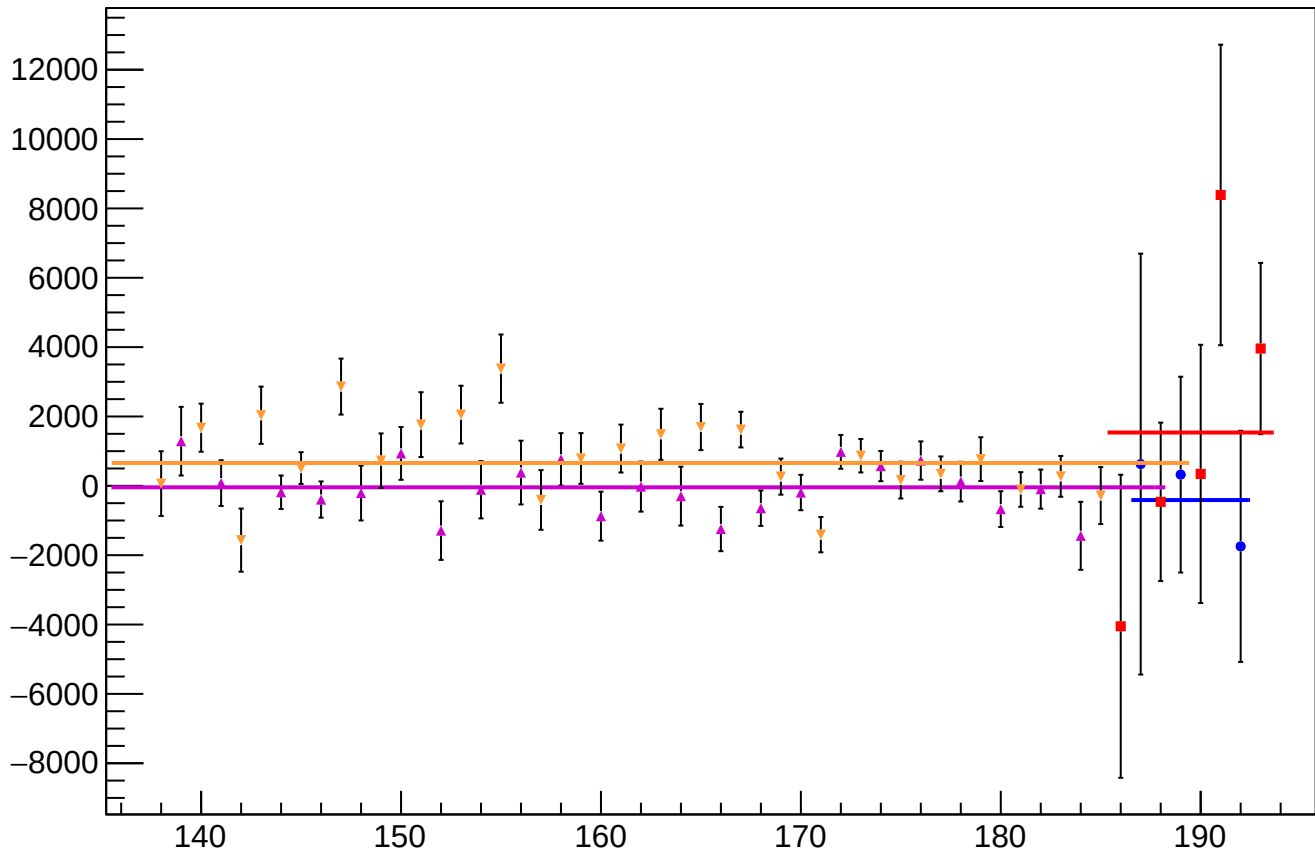
Left In: 527.182 $\pm$ 0.091 χ^2/NDF :1813383.7/22

+ sign 537.770 $\pm$ 0.090 χ^2/NDF : 3193956.2/27

All: 539.717 $\pm$ 0.064 χ^2/NDF : 7968772.6/55

- sign 541.686 $\pm$ 0.091 χ^2/NDF : 4773884.4/27

asym_sam_37_avg_mean vs Slug



Right In: -410.139 ± 2030.250 $\chi^2/\text{NDF}: 0.3/2$

Left Out: 659.523 ± 128.164 $\chi^2/\text{NDF}: 62.4/24$

Right Out: 1537.366 ± 1369.509 $\chi^2/\text{NDF}: 6.0/4$

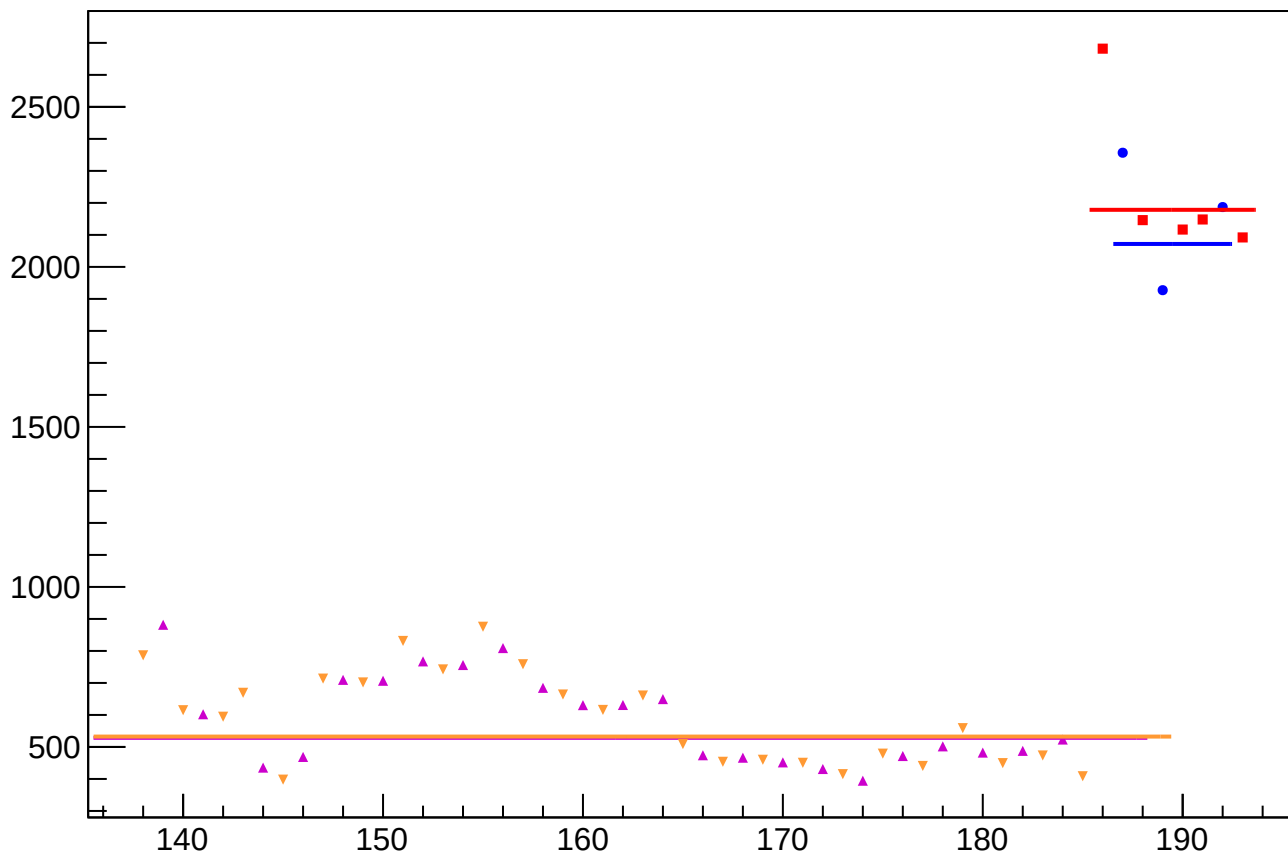
Left In: -43.183 ± 129.538 $\chi^2/\text{NDF}: 26.0/22$

+ sign 655.277 ± 127.910 $\chi^2/\text{NDF}: 63.0/27$

All: 315.859 ± 90.816 $\chi^2/\text{NDF}: 110.5/55$

- sign -29.168 ± 128.962 $\chi^2/\text{NDF}: 33.3/27$

asym_sam_37_avg_rms vs Slug



Right In: 2071.694+/-1.436 χ^2/NDF : 12038.6/2

Left Out: 532.393+/-0.091 χ^2/NDF : 1943066.8/24

Right Out: 2178.368+/-0.968 χ^2/NDF : 30042.0/4

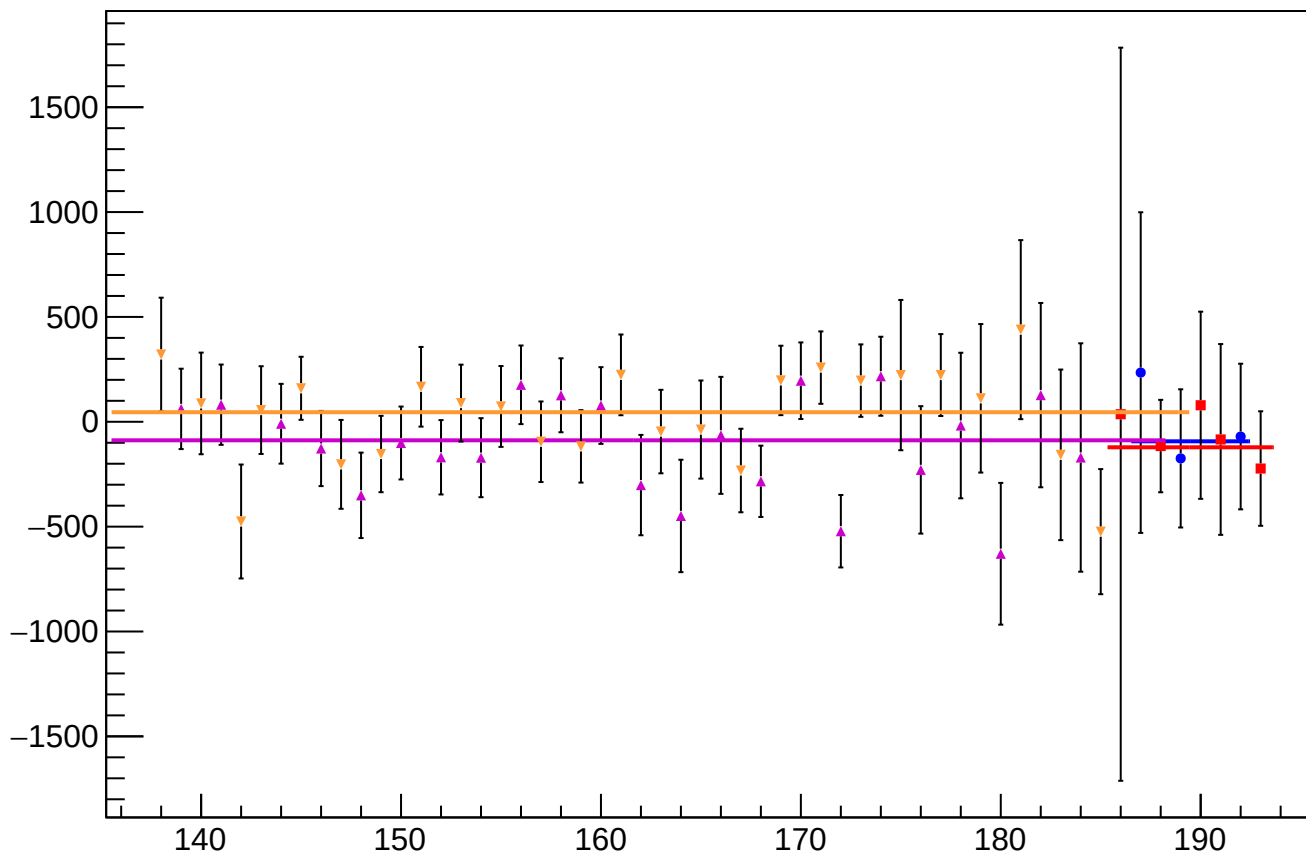
Left In: 528.464+/-0.092 χ^2/NDF : 1712049.5/22

+ sign 538.502+/-0.090 χ^2/NDF : 3100224.4/27

All: 540.780+/-0.064 χ^2/NDF : 7720655.6/55

- sign 543.095+/-0.091 χ^2/NDF : 4619152.7/27

dit_asym_sam_48_avg_mean vs Slug



Right In: -93.131 ± 228.107 χ^2/NDF : 0.2/2

Left Out: 45.675 ± 41.779 χ^2/NDF : 21.9/24

Right Out: -121.624 ± 150.416 χ^2/NDF : 0.4/4

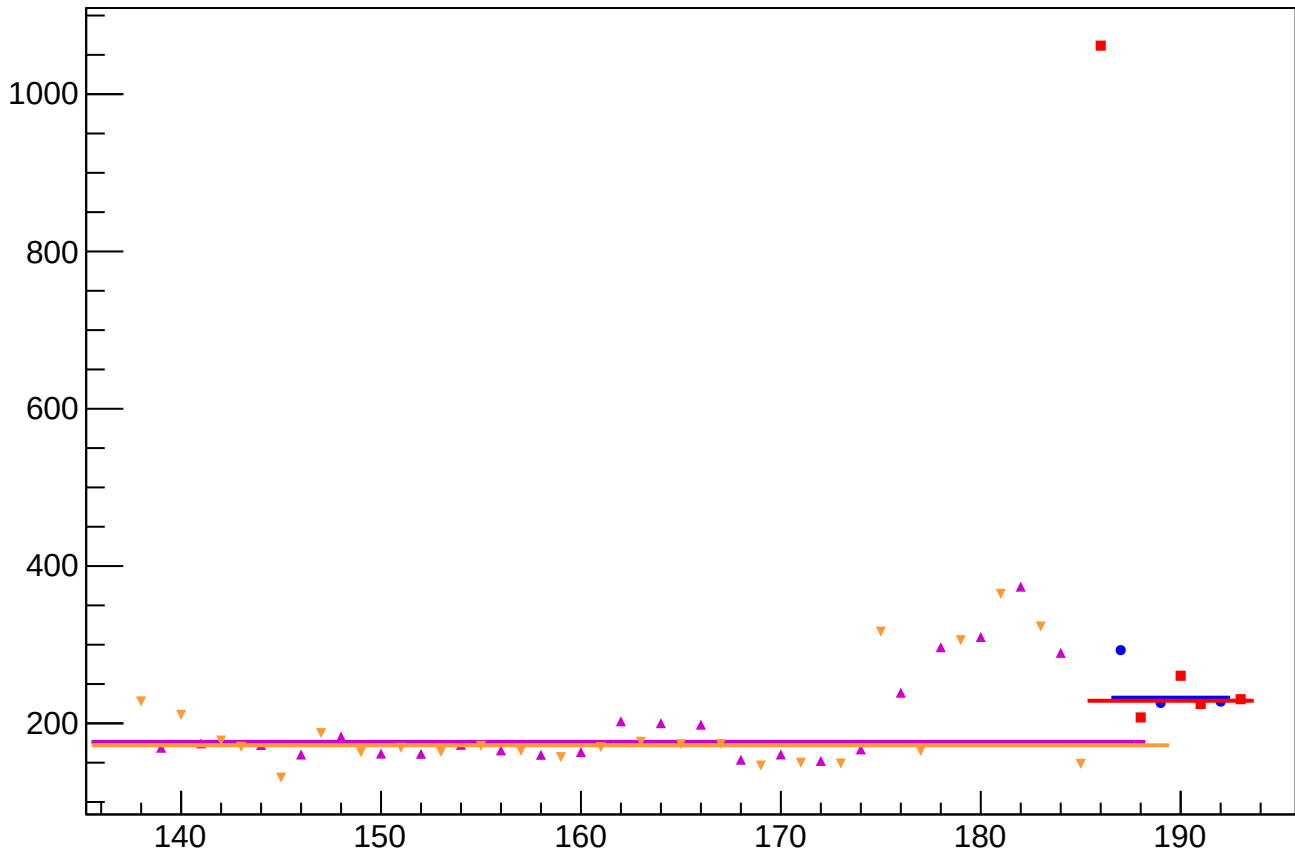
Left In: -88.356 ± 43.518 χ^2/NDF : 26.4/22

+ sign 41.170 ± 41.095 χ^2/NDF : 22.5/27

All: -23.749 ± 29.306 χ^2/NDF : 54.4/55

- sign -90.925 ± 41.804 χ^2/NDF : 26.8/27

dit_asym_sam_48_avg_rms vs Slug



Right In: 232.618 $\pm$ 0.161 χ^2 /NDF: 13757.7/2

Left Out: 172.097 $\pm$ 0.030 χ^2 /NDF: 1752497.1/24

Right Out: 228.744 $\pm$ 0.106 χ^2 /NDF: 483238.7/4

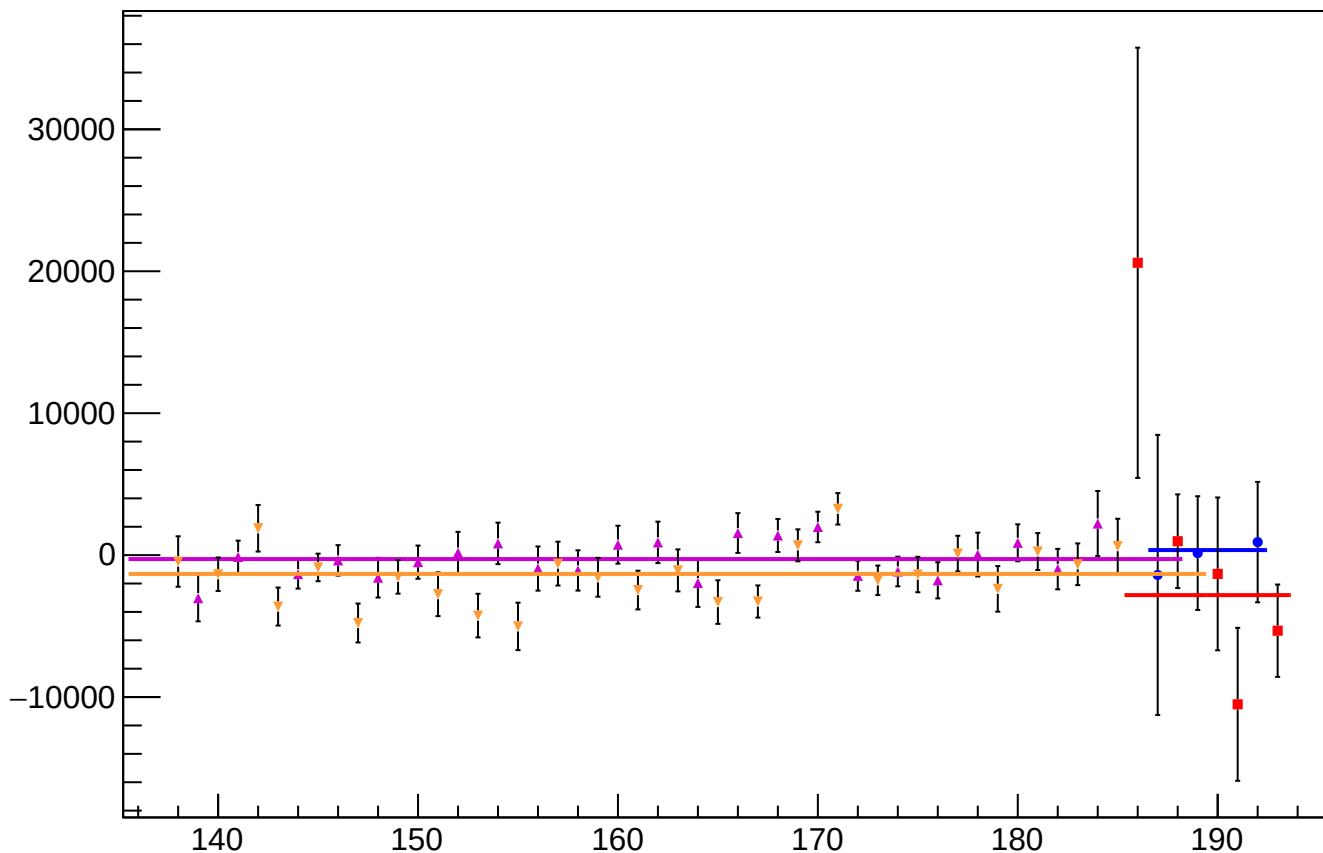
Left In: 176.425 $\pm$ 0.031 χ^2 /NDF: 1360607.7/22

+ sign 174.061 $\pm$ 0.029 χ^2 /NDF: 1902475.0/27

All: 177.209 $\pm$ 0.021 χ^2 /NDF: 3993480.0/55

- sign 180.466 $\pm$ 0.030 χ^2 /NDF: 2067129.4/27

asym_sam_48_avg_correction_mean vs Slug



Right In: 356.413 ± 2793.484 $\chi^2/\text{NDF}: 0.1/2$

Left Out: -1324.367 ± 265.950 $\chi^2/\text{NDF}: 53.6/24$

Right Out: -2816.060 ± 1962.466 $\chi^2/\text{NDF}: 6.4/4$

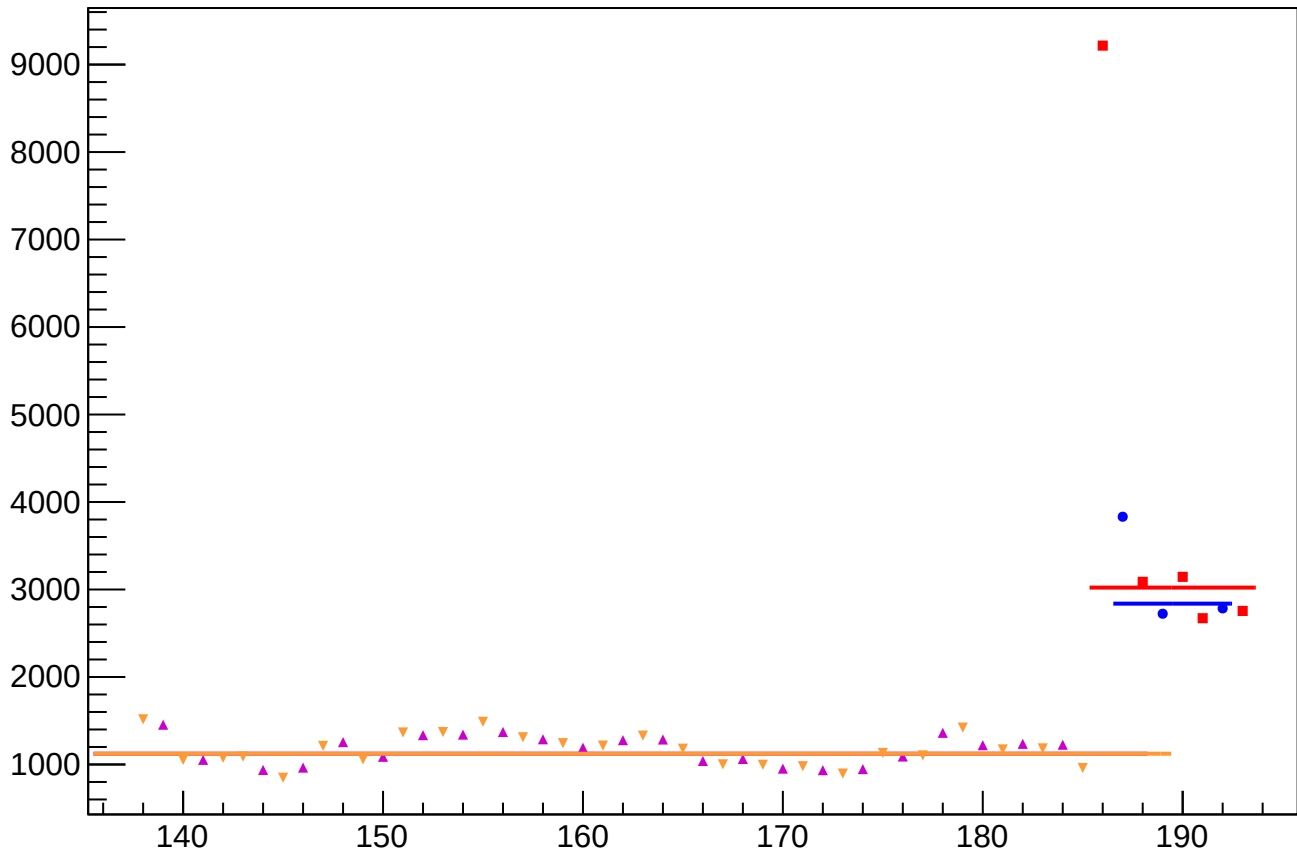
Left In: -276.678 ± 270.547 $\chi^2/\text{NDF}: 22.0/22$

+ sign -1309.269 ± 264.753 $\chi^2/\text{NDF}: 54.0/27$

All: -822.681 ± 188.350 $\chi^2/\text{NDF}: 91.0/55$

- sign -324.040 ± 268.012 $\chi^2/\text{NDF}: 30.1/27$

asym_sam_48_avg_correction_rms vs Slug



Right In: 2838.298+/-1.975 χ^2/NDF : 22249.5/2

Left Out: 1123.022+/-0.188 χ^2/NDF : 842393.5/24

Right Out: 3021.777+/-1.388 χ^2/NDF : 357878.4/4

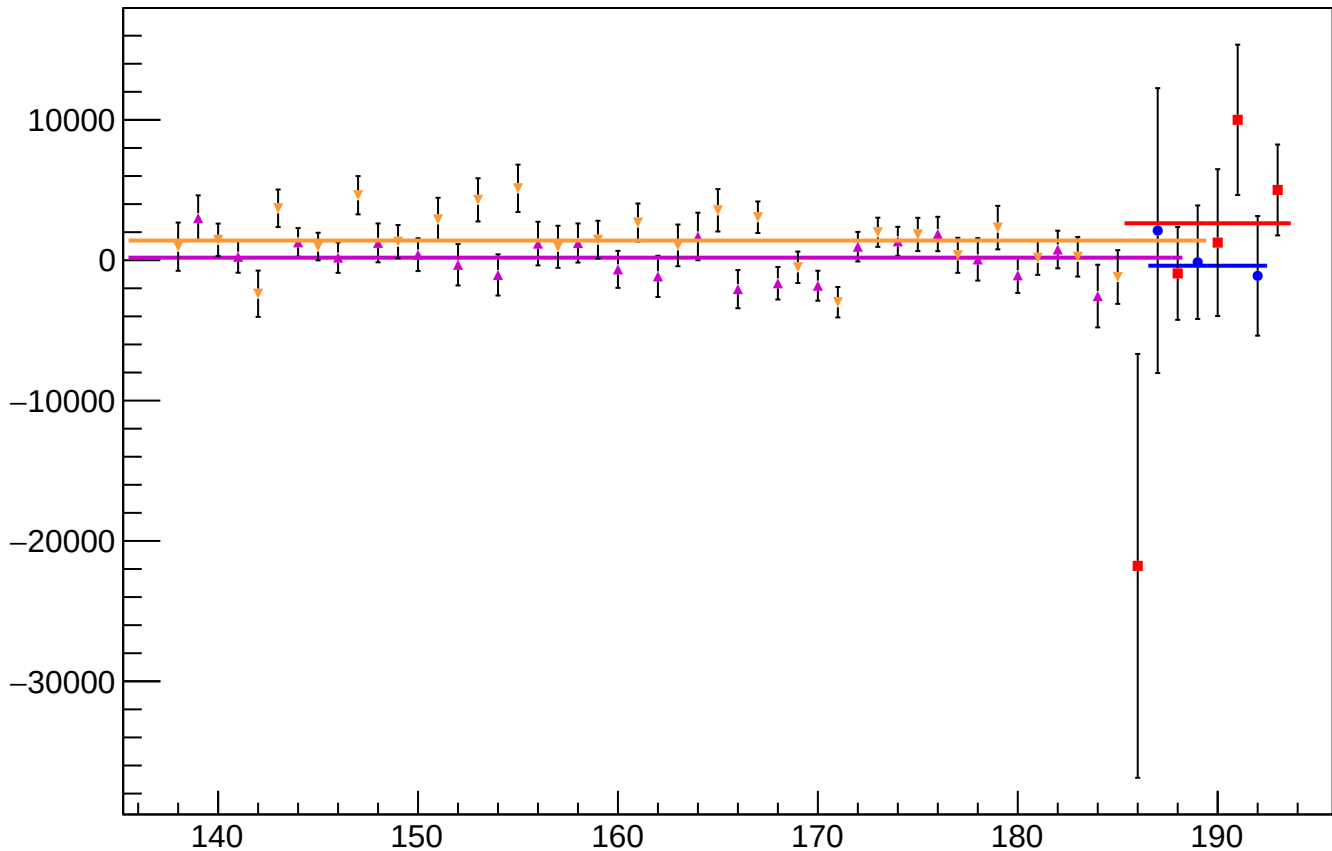
Left In: 1123.148+/-0.191 χ^2/NDF : 689778.4/22

+ sign 1138.429+/-0.187 χ^2/NDF : 1611929.2/27

All: 1148.371+/-0.133 χ^2/NDF : 4502381.3/55

- sign 1158.559+/-0.190 χ^2/NDF : 2884741.7/27

asym_sam_48_avg_mean vs Slug



Right In: -390.454 ± 2818.376 χ^2/NDF : 0.1/2

Left Out: 1404.763 ± 262.517 χ^2/NDF : 53.1/24

Right Out: 2634.318 ± 1951.716 χ^2/NDF : 6.3/4

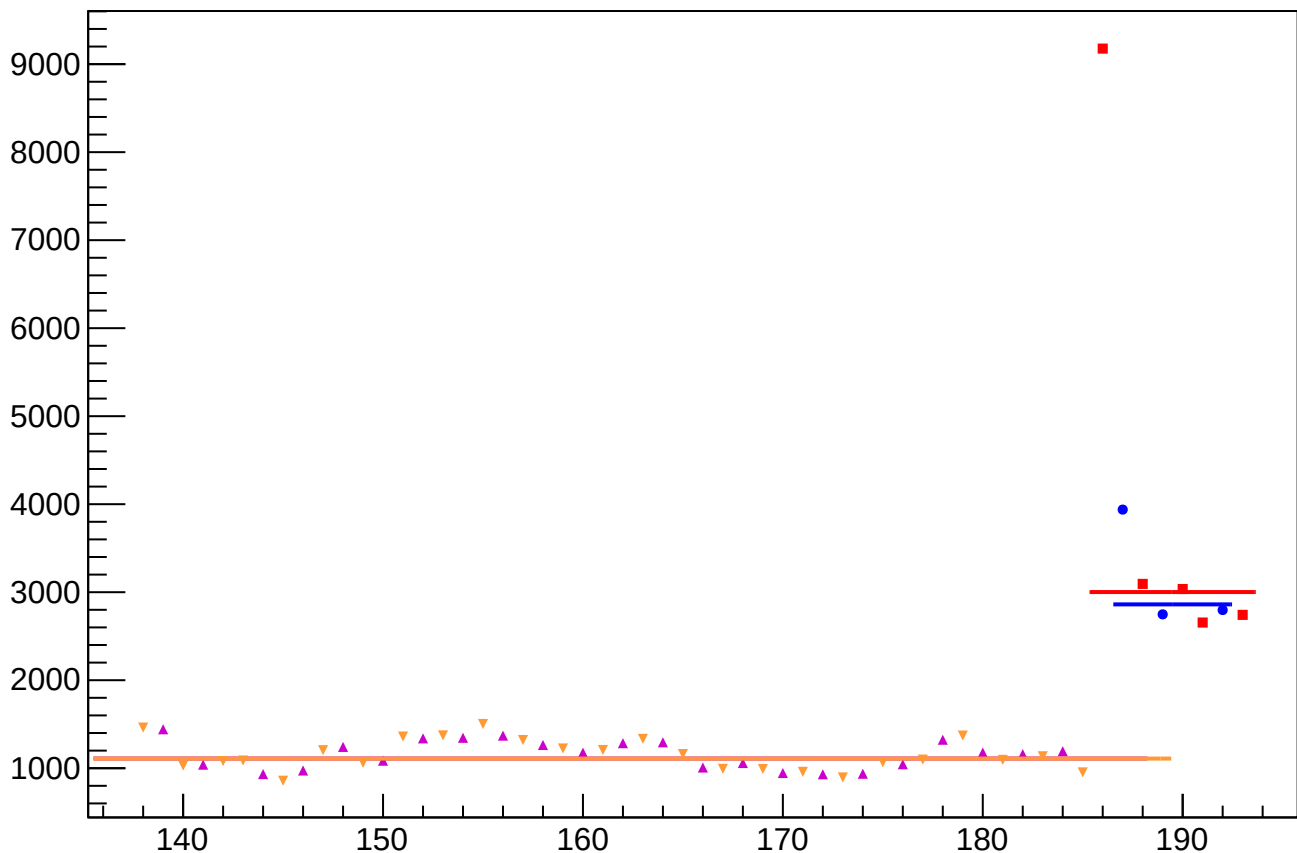
Left In: 183.249 ± 267.620 χ^2/NDF : 23.7/22

+ sign 1389.322 ± 261.386 χ^2/NDF : 53.6/27

All: 817.177 ± 186.140 χ^2/NDF : 94.9/55

- sign 228.484 ± 265.139 χ^2/NDF : 31.5/27

asym_sam_48_avg_rms vs Slug



Right In: 2861.615+/-1.993 χ^2/NDF : 24529.4/2

Left Out: 1109.574+/-0.186 χ^2/NDF :812957.8/24

Right Out: 3001.673 ± 1.380 χ^2/NDF : 357314.7/4

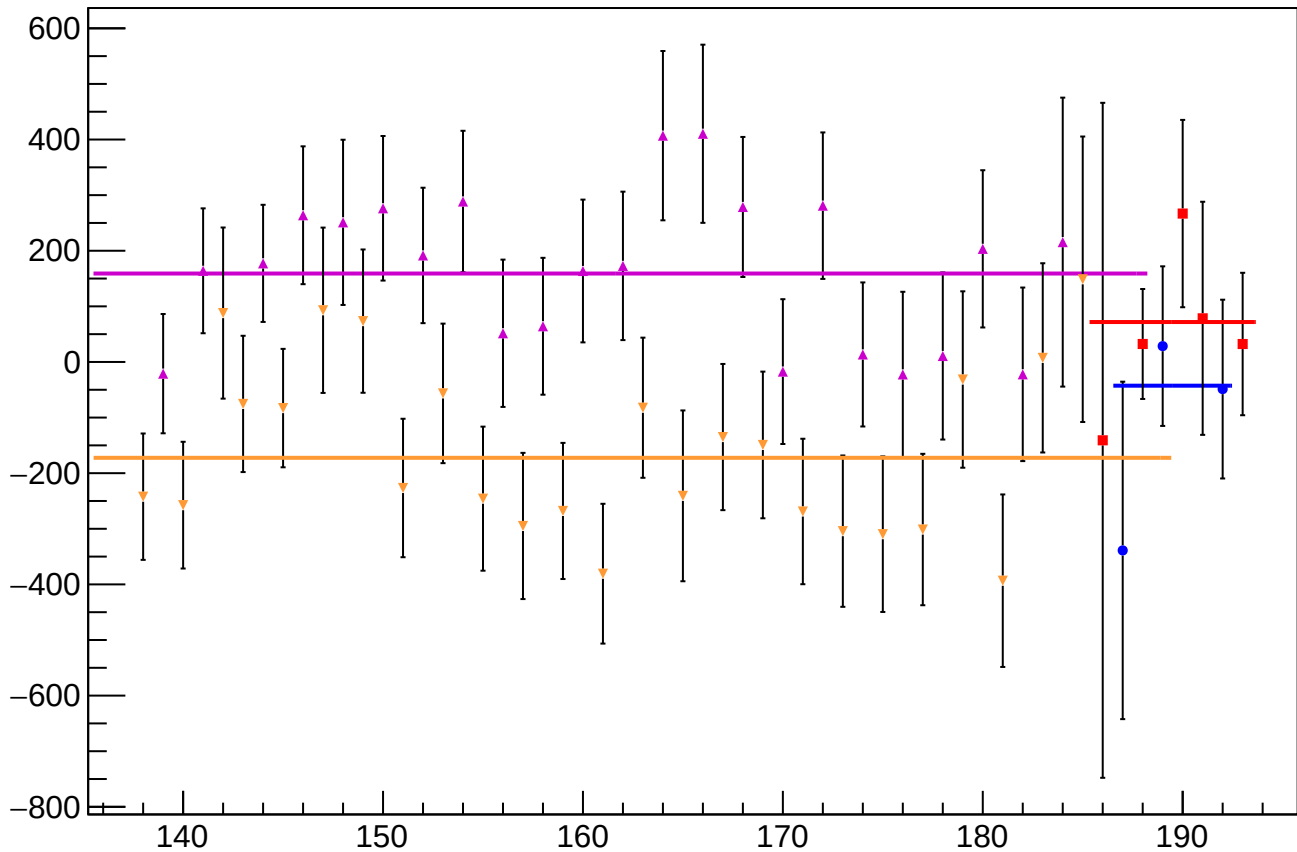
Left In: 1110.162+/-0.189 χ^2/NDF :673229.2/22

+ sign 1124.644+/-0.185 χ^2/NDF : 1603734.4/27

All: 1134.712 ± 0.132 χ^2/NDF : 4484143.5/55

- sign 1145.070+/-0.187 χ^2/NDF : 2874389.7/27

dit_asym_sam_15_dd_mean vs Slug



Right In: -42.663 $\pm$ 100.954 χ^2/NDF : 1.2/2

Left Out: -172.357 $\pm$ 26.709 χ^2/NDF : 27.2/24

Right Out: 71.813 $\pm$ 66.820 χ^2/NDF : 1.7/4

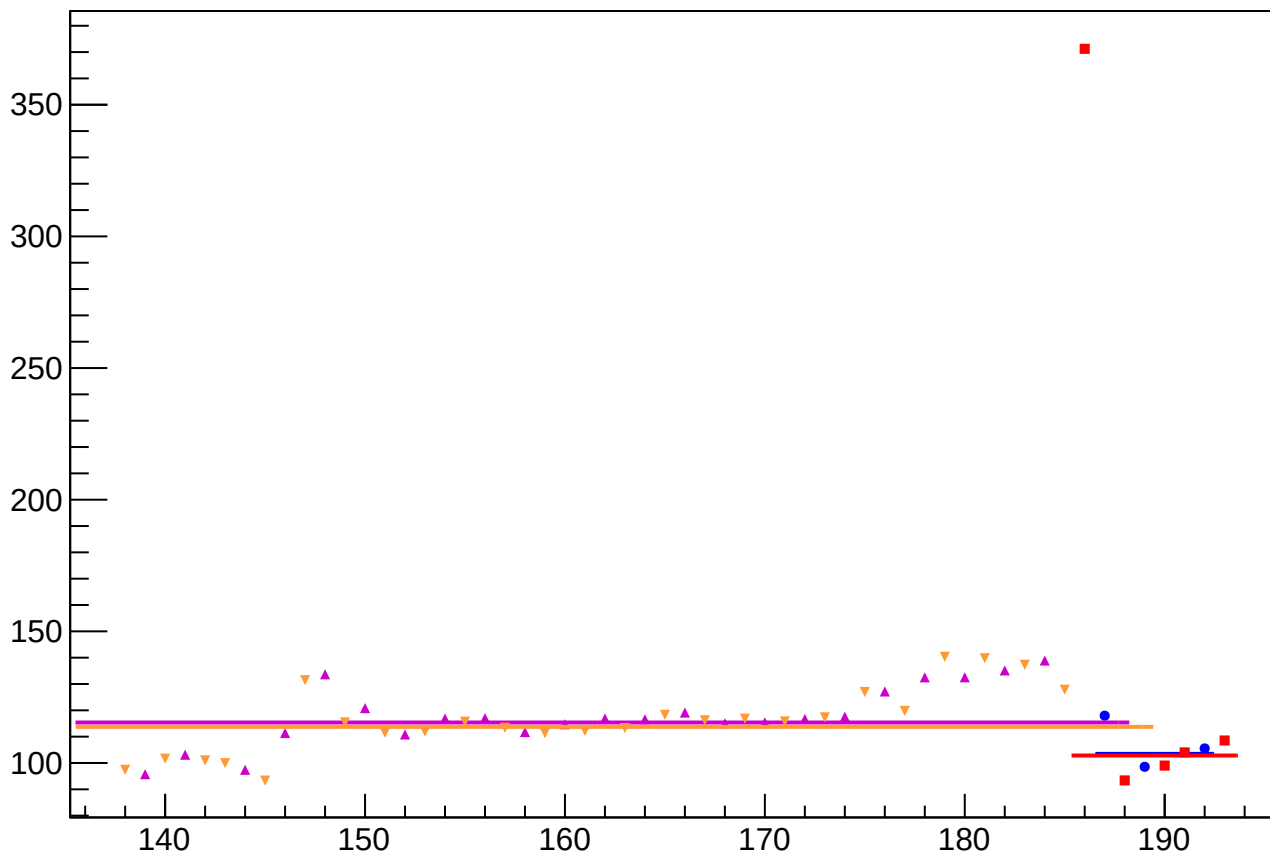
Left In: 159.044 $\pm$ 27.608 χ^2/NDF : 21.1/22

+ sign -163.873 $\pm$ 25.821 χ^2/NDF : 30.0/27

All: -6.931 $\pm$ 18.149 χ^2/NDF : 127.2/55

- sign 146.324 $\pm$ 25.516 χ^2/NDF : 24.2/27

dit_asym_sam_15_dd_rms vs Slug



Right In: 103.458 $\pm$ 0.071 χ^2 /NDF: 7237.7/2

Left Out: 113.727 $\pm$ 0.019 χ^2 /NDF: 392153.8/24

Right Out: 102.839 $\pm$ 0.047 χ^2 /NDF: 414560.0/4

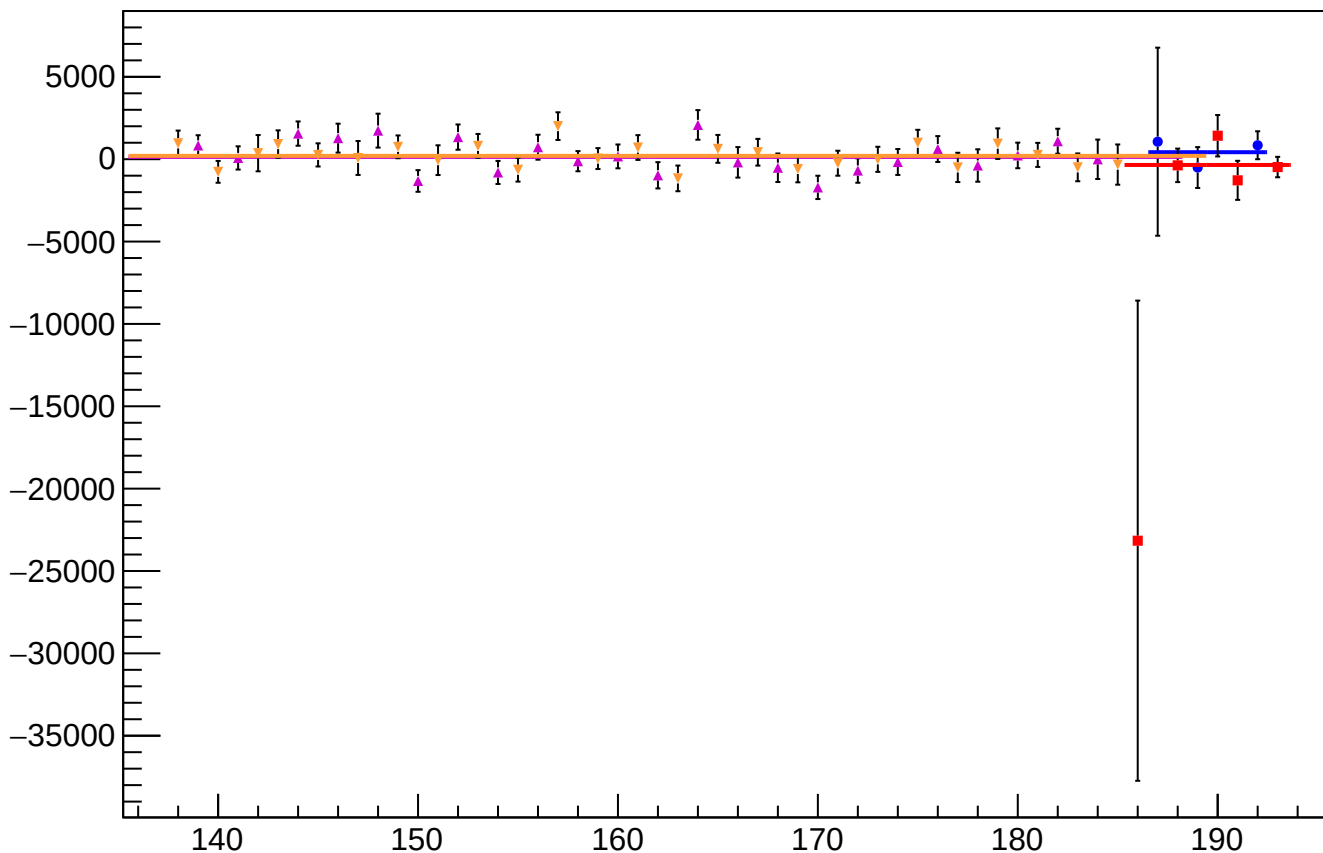
Left In: 115.377 $\pm$ 0.020 χ^2 /NDF: 309034.7/22

+ sign 113.055 $\pm$ 0.018 χ^2 /NDF: 418732.7/27

All: 113.305 $\pm$ 0.013 χ^2 /NDF: 1202839.1/55

- sign 113.548 $\pm$ 0.018 χ^2 /NDF: 783737.4/27

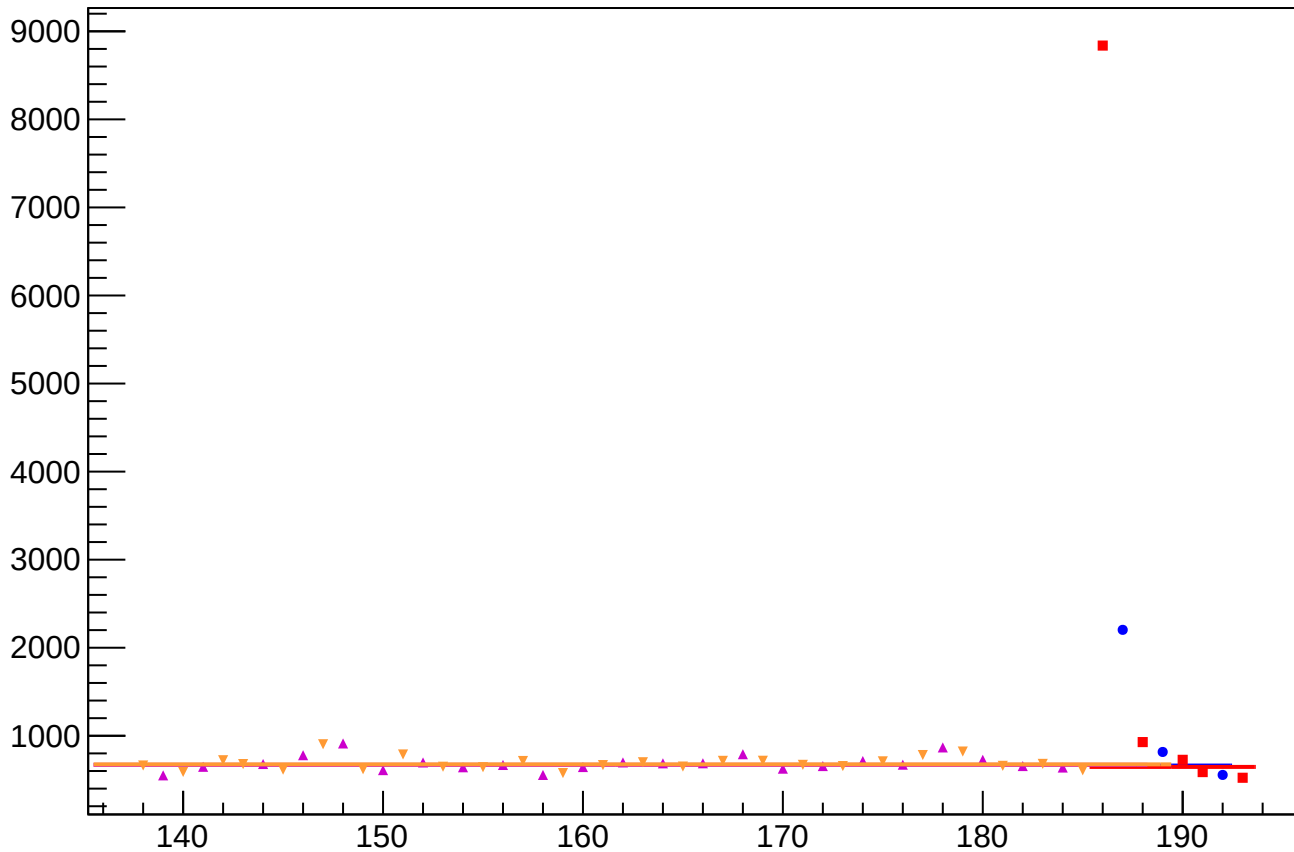
asym_sam_15_dd_correction_mean vs Slug



Right In: 425.005 $\pm$ 694.844 χ^2 /NDF: 0.8/2
Left Out: 202.466 $\pm$ 159.030 χ^2 /NDF:19.8/24
Right Out: -349.482 $\pm$ 450.973 χ^2 /NDF: 5.1/4
Left In: 140.039 $\pm$ 161.024 χ^2 /NDF:36.9/22

+ sign 213.543 $\pm$ 155.021 χ^2 /NDF: 20.7/27
All: 147.697 $\pm$ 108.404 χ^2 /NDF: 64.1/55
- sign 84.686 $\pm$ 151.647 χ^2 /NDF: 43.0/27

asym_sam_15_dd_correction_rms vs Slug



Right In: 661.955 $\pm$ 0.491 χ^2 /NDF: 208247.4/2

Left Out: 675.335 $\pm$ 0.112 χ^2 /NDF: 358713.6/24

Right Out: 646.564 $\pm$ 0.319 χ^2 /NDF: 877477.7/4

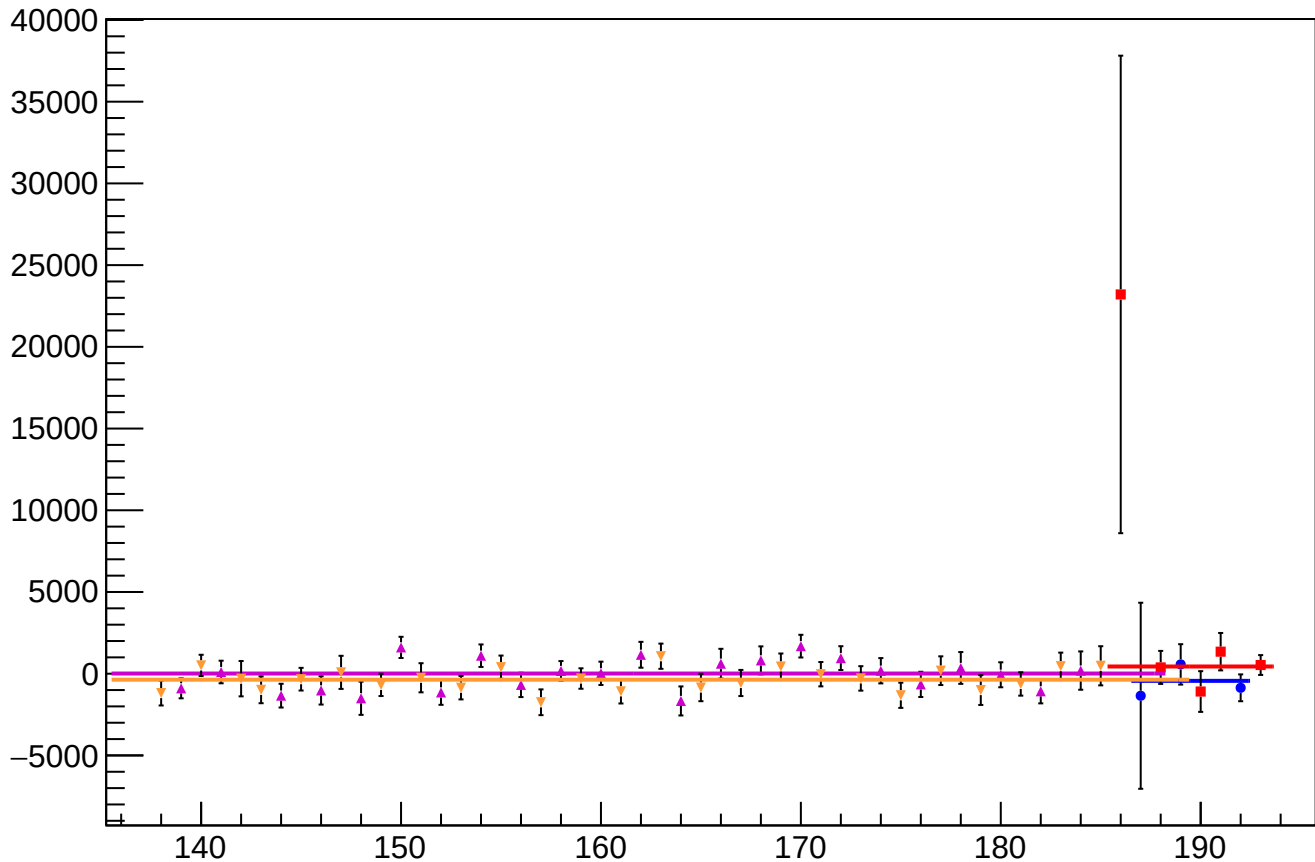
Left In: 669.938 $\pm$ 0.114 χ^2 /NDF: 464085.7/22

+ sign 674.669 $\pm$ 0.110 χ^2 /NDF: 567665.7/27

All: 670.901 $\pm$ 0.077 χ^2 /NDF: 1916306.8/55

- sign 667.295 $\pm$ 0.107 χ^2 /NDF: 1346328.6/27

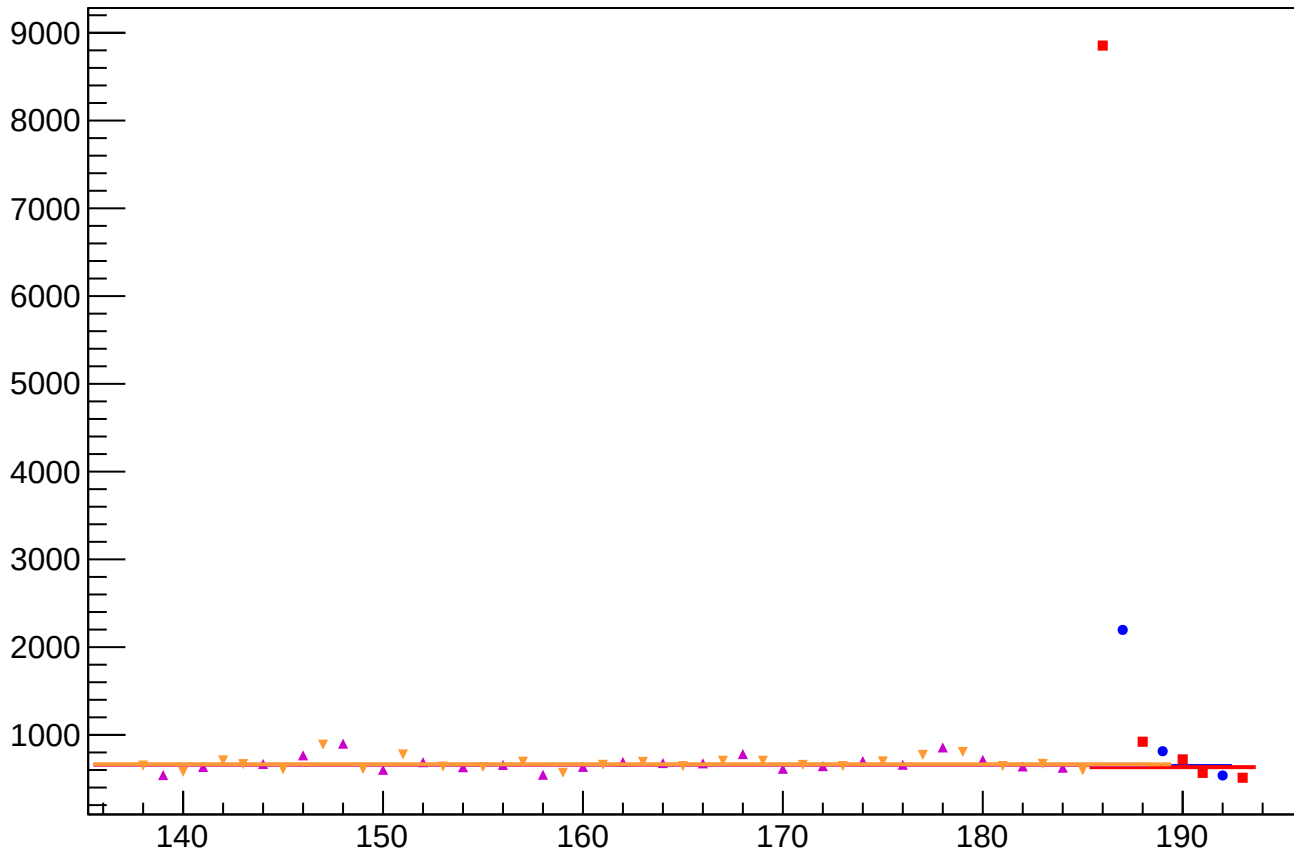
asym_sam_15_dd_mean vs Slug



Right In: -436.986 $\pm$ 678.834 χ^2/NDF : 1.0/2
Left Out: -365.394 $\pm$ 156.301 χ^2/NDF : 18.7/24
Right Out: 441.735 $\pm$ 442.344 χ^2/NDF : 4.6/4
Left In: 11.243 $\pm$ 158.497 χ^2/NDF : 38.8/22

+ sign -368.998 $\pm$ 152.316 χ^2/NDF : 19.7/27
All: -149.964 $\pm$ 106.588 χ^2/NDF : 68.0/55
- sign 60.224 $\pm$ 149.208 χ^2/NDF : 44.2/27

asym_sam_15_dd_rms vs Slug



Right In: 644.696+/-0.480 χ^2/NDF : 220313.9/2

Left Out: 664.618+/-0.111 χ^2/NDF : 356964.3/24

Right Out: 632.664+/-0.313 χ^2/NDF : 893971.7/4

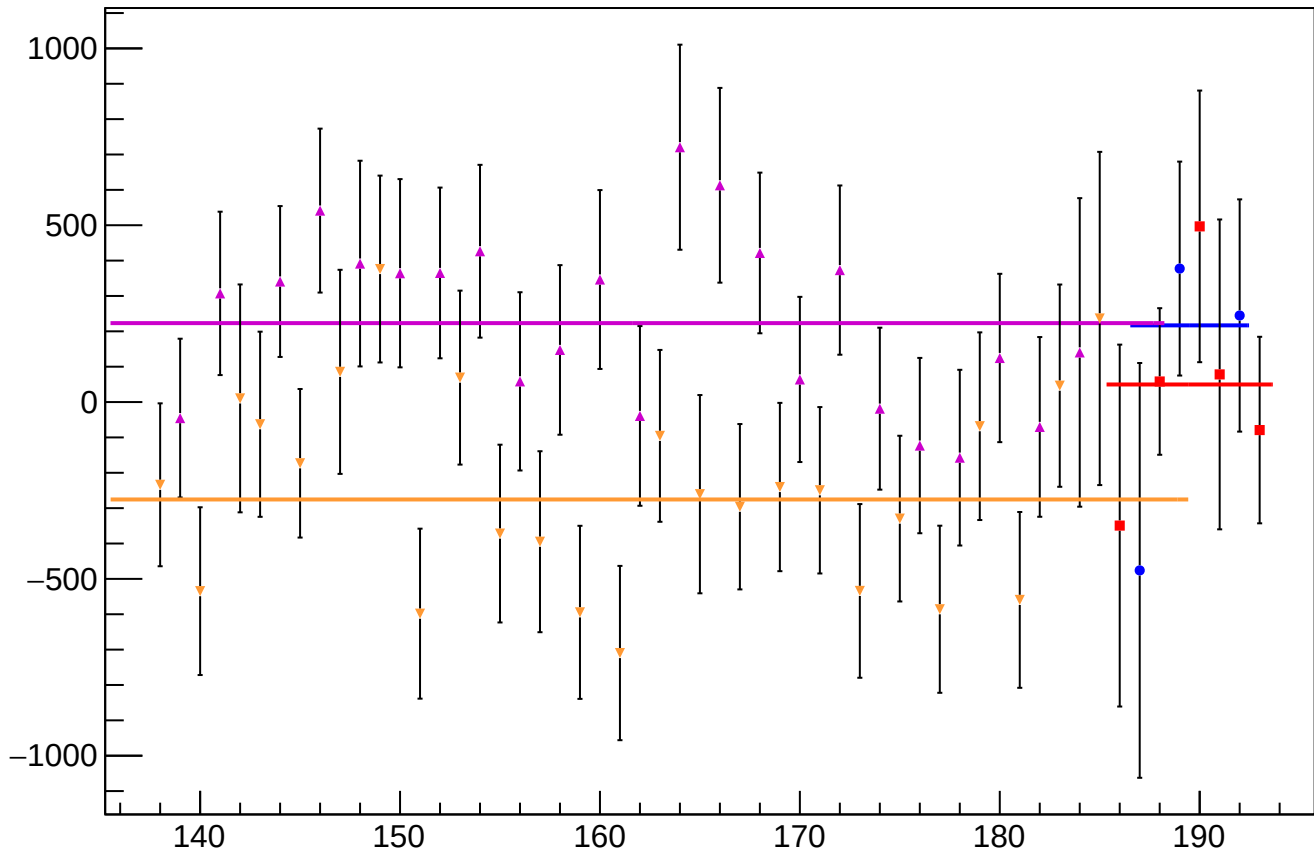
Left In: 659.230+/-0.112 χ^2/NDF : 472744.9/22

+ sign 663.615+/-0.108 χ^2/NDF : 578914.1/27

All: 659.835+/-0.075 χ^2/NDF : 1954437.6/55

- sign 656.207+/-0.106 χ^2/NDF : 1373109.4/27

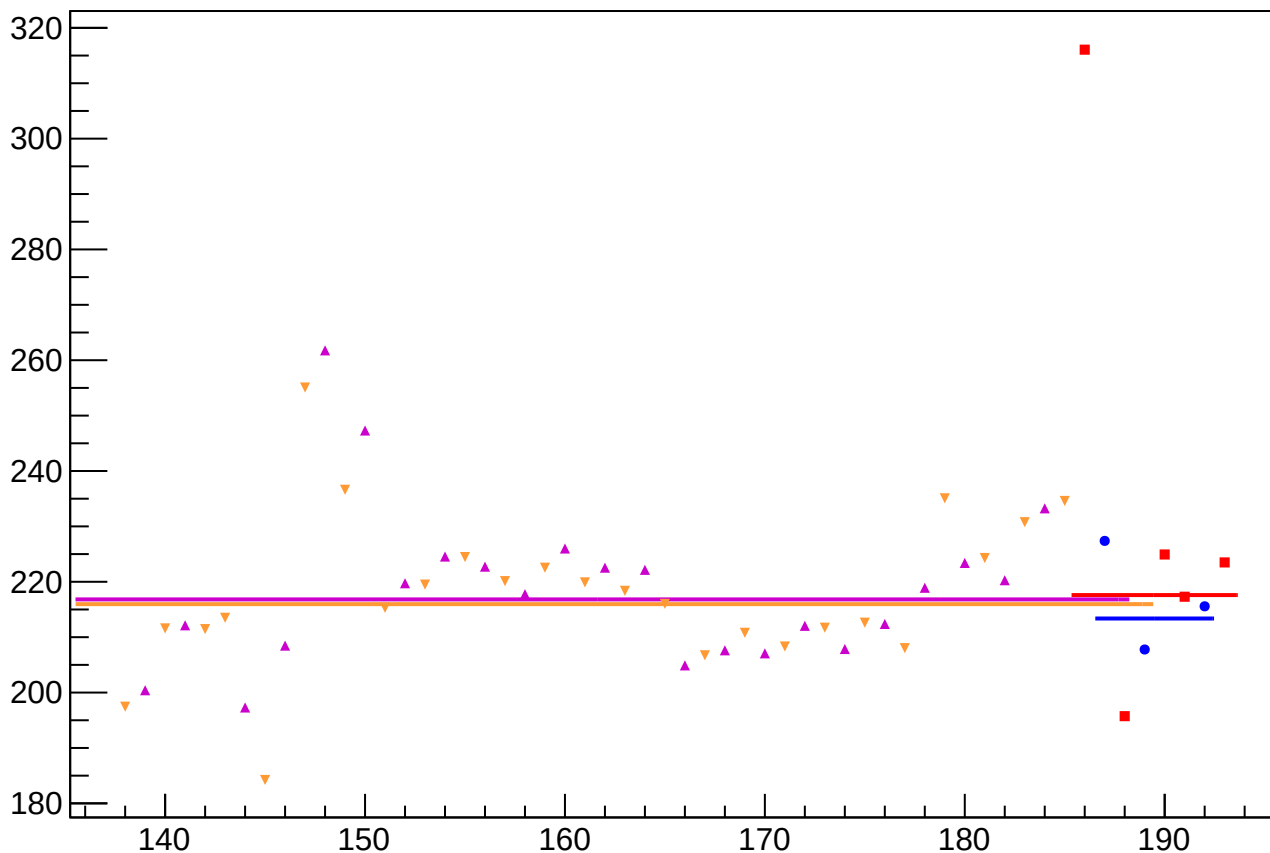
dit_asym_sam_26_dd_mean vs Slug



Right In: 216.842 ± 208.004 $\chi^2/\text{NDF}: 1.7/2$
 Left Out: -275.447 ± 50.539 $\chi^2/\text{NDF}: 27.3/24$
 Right Out: 49.704 ± 136.756 $\chi^2/\text{NDF}: 2.2/4$
 Left In: 223.195 ± 51.742 $\chi^2/\text{NDF}: 20.8/22$

+ sign -248.004 ± 49.111 $\chi^2/\text{NDF}: 34.3/27$
 All: -19.963 ± 34.470 $\chi^2/\text{NDF}: 101.2/55$
 - sign 201.470 ± 48.394 $\chi^2/\text{NDF}: 24.4/27$

dit_asym_sam_26_dd_rms vs Slug



Right In: 213.371 $\pm$ 0.147 χ^2 /NDF: 1916.3/2

Left Out: 215.963 $\pm$ 0.036 χ^2 /NDF:144735.1/24

Right Out: 217.601 $\pm$ 0.097 χ^2 /NDF: 98038.1/4

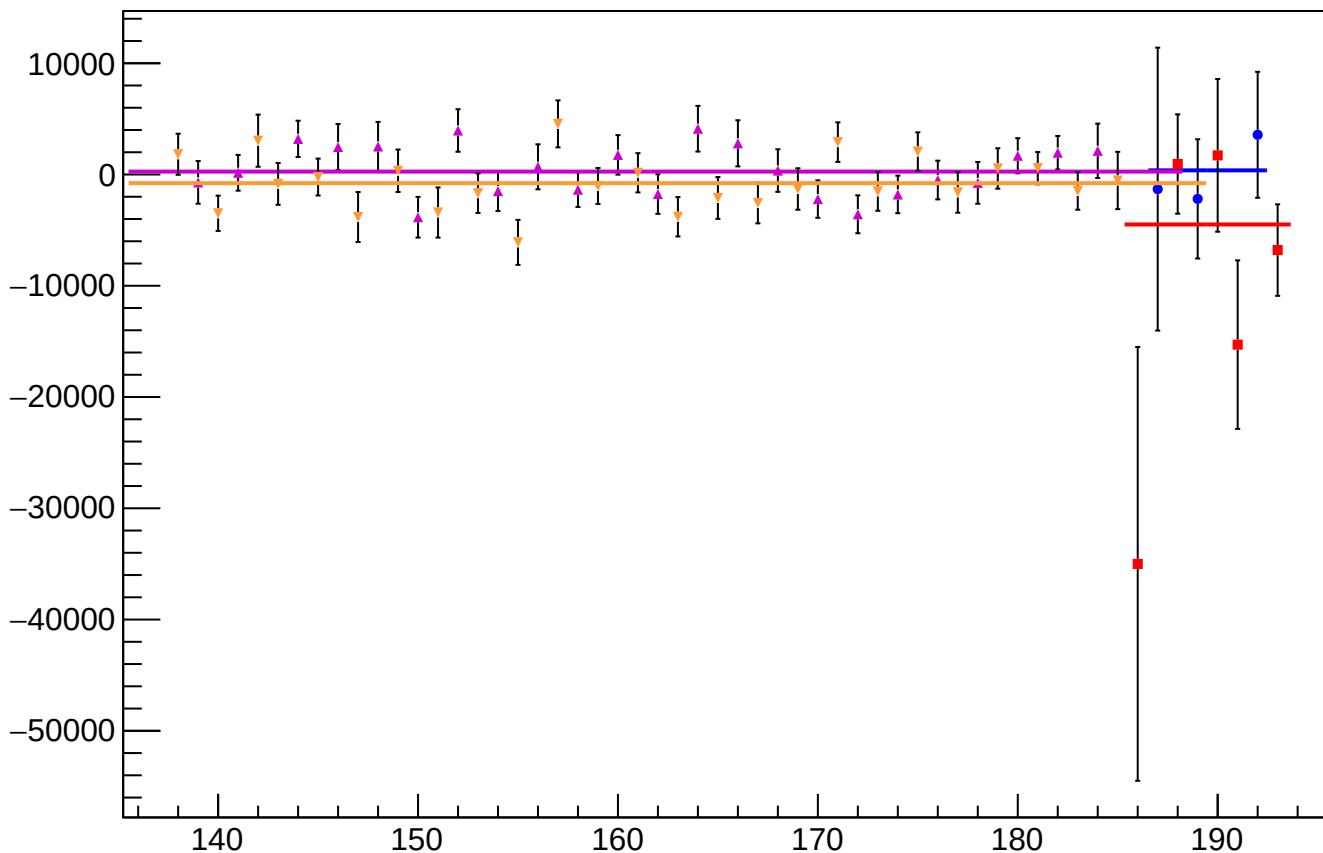
Left In: 216.821 $\pm$ 0.037 χ^2 /NDF:132518.8/22

+ sign 215.819 $\pm$ 0.035 χ^2 /NDF: 146944.8/27

All: 216.377 $\pm$ 0.024 χ^2 /NDF: 378067.7/55

- sign 216.919 $\pm$ 0.034 χ^2 /NDF: 230613.7/27

asym_sam_26_dd_correction_mean vs Slug



Right In: 373.472 ± 3721.445 χ^2/NDF : 0.6/2

Left Out: -779.146 ± 366.965 χ^2/NDF : 38.5/24

Right Out: -4491.946 ± 2577.140 χ^2/NDF : 7.1/4

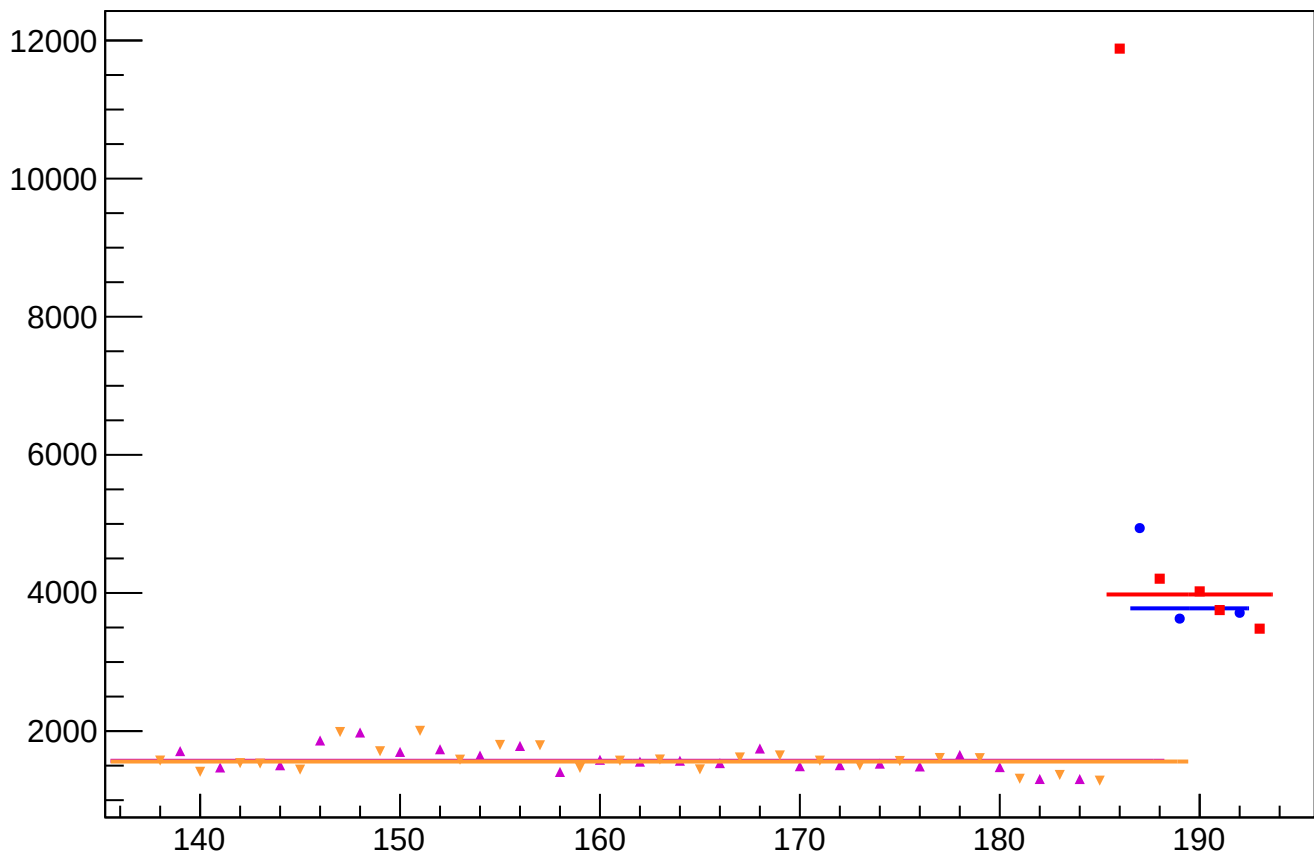
Left In: 261.815 ± 376.203 χ^2/NDF : 35.4/22

+ sign -768.046 ± 365.194 χ^2/NDF : 39.1/27

All: -311.622 ± 260.692 χ^2/NDF : 88.2/55

- sign 162.629 ± 372.257 χ^2/NDF : 45.9/27

asym_sam_26_dd_correction_rms vs Slug



Right In: 3777.437 $\pm$ 2.631 χ^2 /NDF: 18508.1/2

Left Out: 1559.504 $\pm$ 0.259 χ^2 /NDF: 379160.1/24

Right Out: 3978.409 $\pm$ 1.822 χ^2 /NDF: 364836.5/4

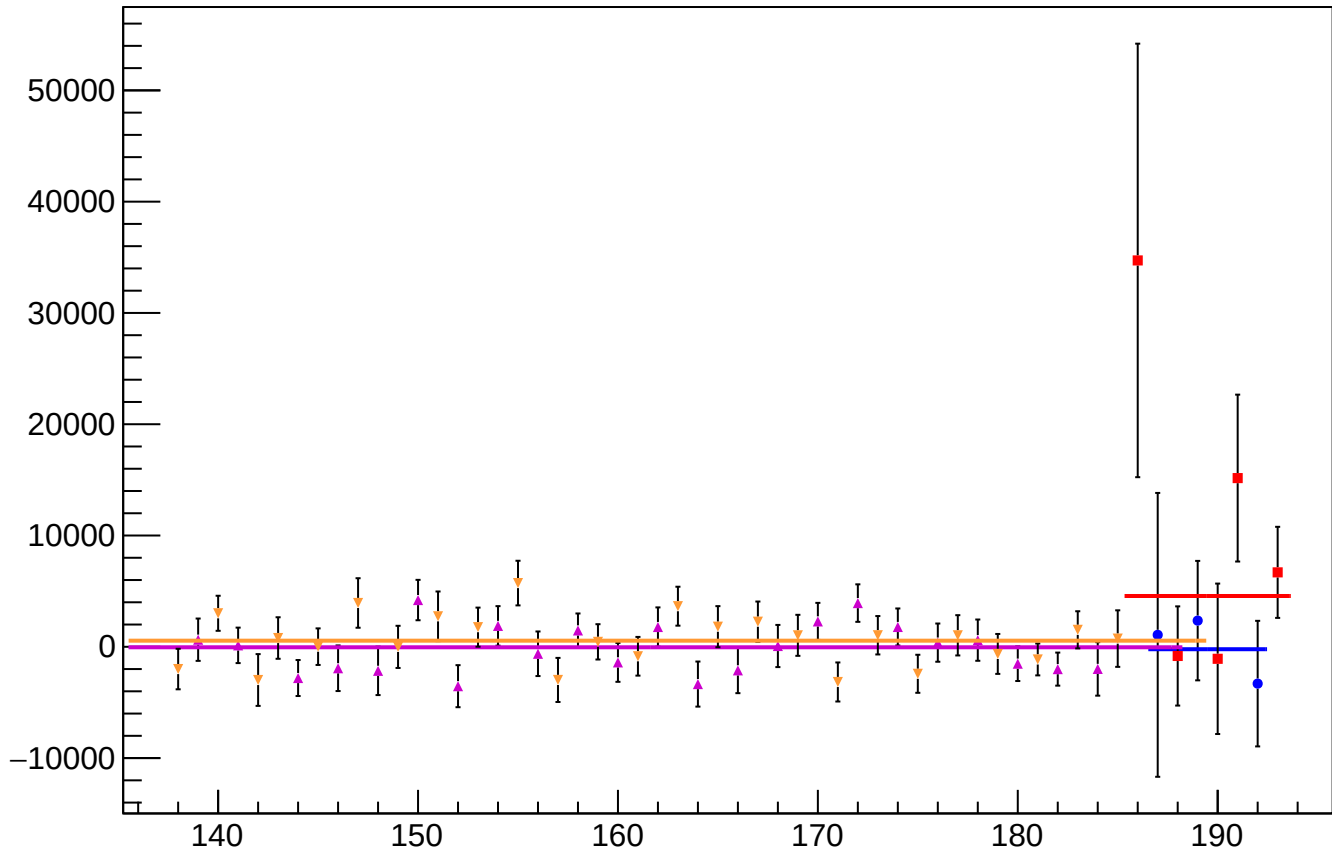
Left In: 1570.331 $\pm$ 0.266 χ^2 /NDF: 329434.5/22

+ sign 1580.863 $\pm$ 0.258 χ^2 /NDF: 1101227.9/27

All: 1600.338 $\pm$ 0.184 χ^2 /NDF: 3516868.0/55

- sign 1620.574 $\pm$ 0.263 χ^2 /NDF: 2404042.2/27

asym_sam_26_dd_mean vs Slug



Right In: -217.377 ± 3719.776 χ^2/NDF : 0.5/2

Left Out: 550.093 ± 362.172 χ^2/NDF : 35.6/24

Right Out: 4564.631 ± 2561.857 χ^2/NDF : 6.8/4

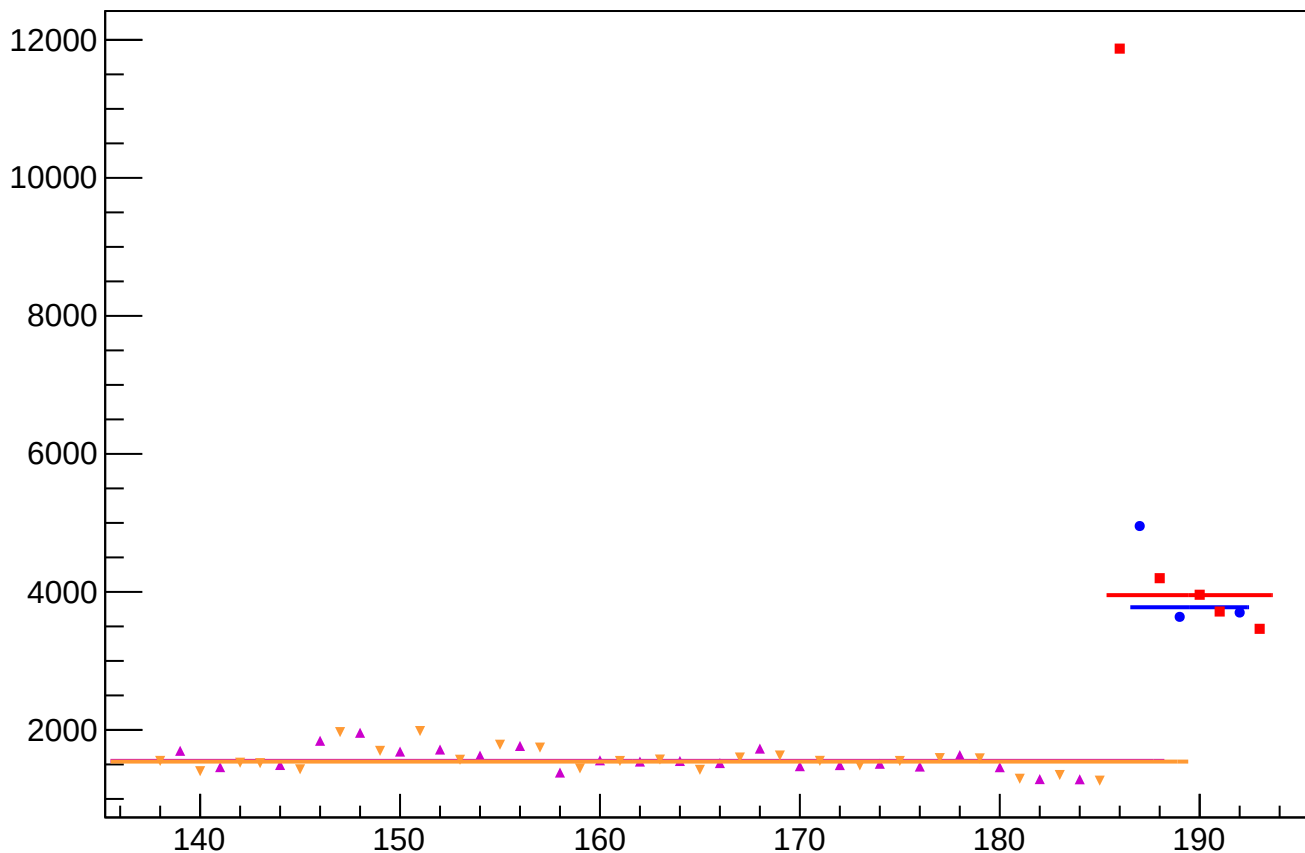
Left In: -43.949 ± 371.765 χ^2/NDF : 33.5/22

+ sign 542.886 ± 360.468 χ^2/NDF : 36.1/27

All: 302.018 ± 257.481 χ^2/NDF : 80.6/55

- sign 51.099 ± 367.912 χ^2/NDF : 43.5/27

asym_sam_26_dd_rms vs Slug



Right In: 3777.714+/-2.630 χ^2/NDF : 18742.6/2

Left Out: 1541.149+/-0.256 χ^2/NDF : 382077.8/24

Right Out: 3953.213+/-1.812 χ^2/NDF : 367208.3/4

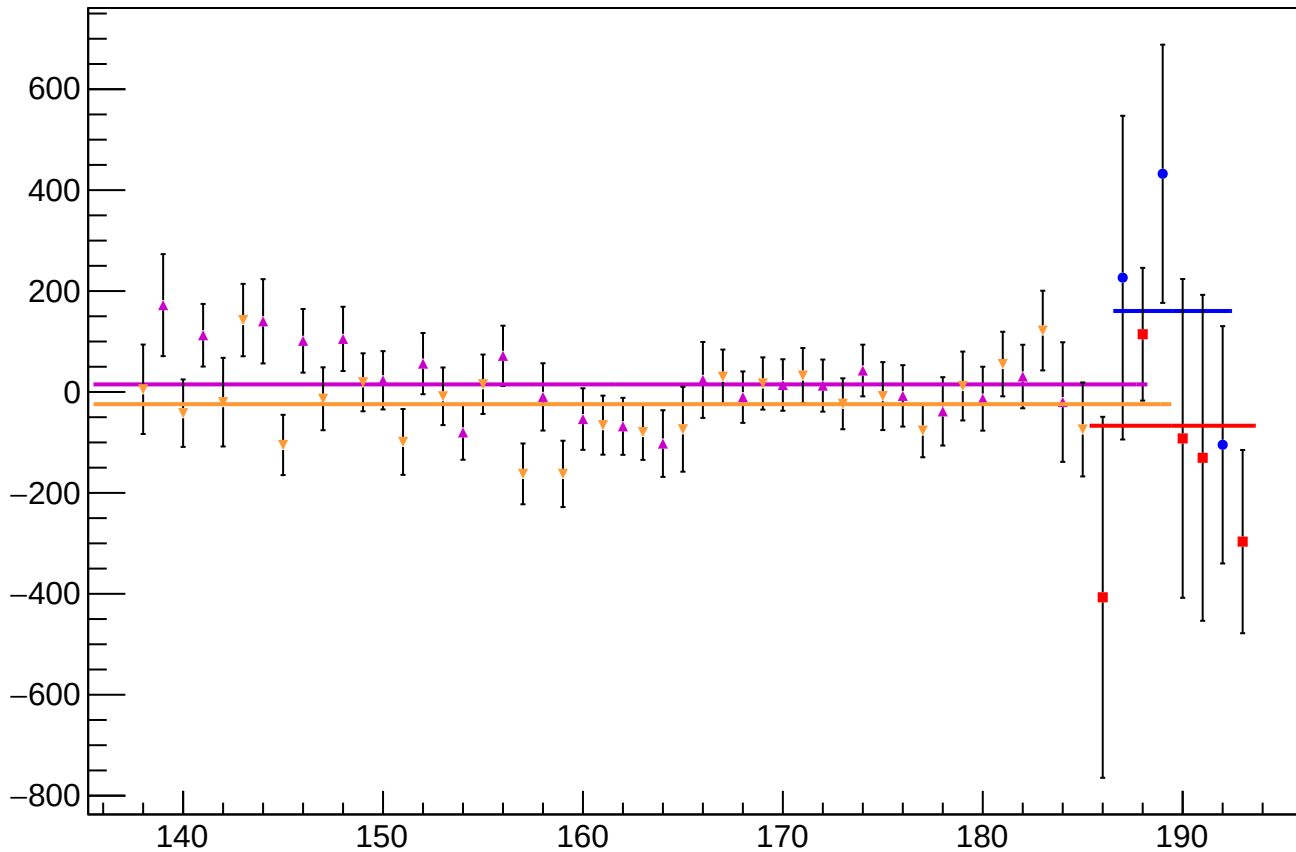
Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

+ sign 1562.152+/-0.255 χ^2/NDF : 1117065.7/27

All: 1581.186+/-0.182 χ^2/NDF : 3556210.1/55

- sign 1601.015+/-0.260 χ^2/NDF : 2427758.2/27

dit_asym_sam_37_dd_mean vs Slug



Right In: 160.502 ± 152.345 $\chi^2/\text{NDF}: 2.4/2$

Left Out: -24.126 ± 12.525 $\chi^2/\text{NDF}: 30.7/24$

Right Out: -66.888 ± 93.028 $\chi^2/\text{NDF}: 4.4/4$

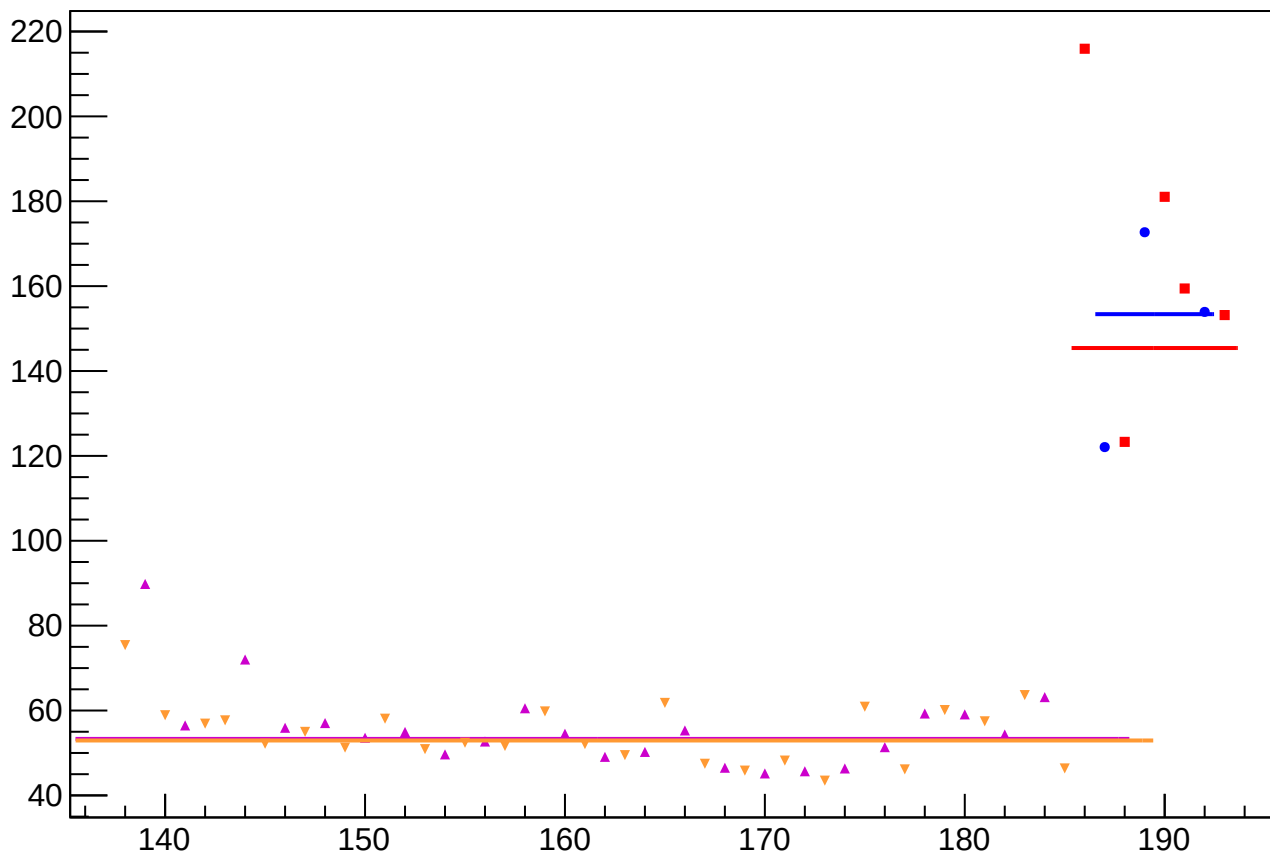
Left In: 15.058 ± 12.921 $\chi^2/\text{NDF}: 23.8/22$

+ sign -22.887 ± 12.483 $\chi^2/\text{NDF}: 34.6/27$

All: -5.144 ± 8.936 $\chi^2/\text{NDF}: 67.8/55$

- sign 13.507 ± 12.798 $\chi^2/\text{NDF}: 29.1/27$

dit_asym_sam_37_dd_rms vs Slug



Right In: 153.397 $\pm$ 0.108 χ^2 /NDF: 30469.3/2

Left Out: 52.942 $\pm$ 0.009 χ^2 /NDF: 513146.0/24

Right Out: 145.418 $\pm$ 0.066 χ^2 /NDF: 167150.0/4

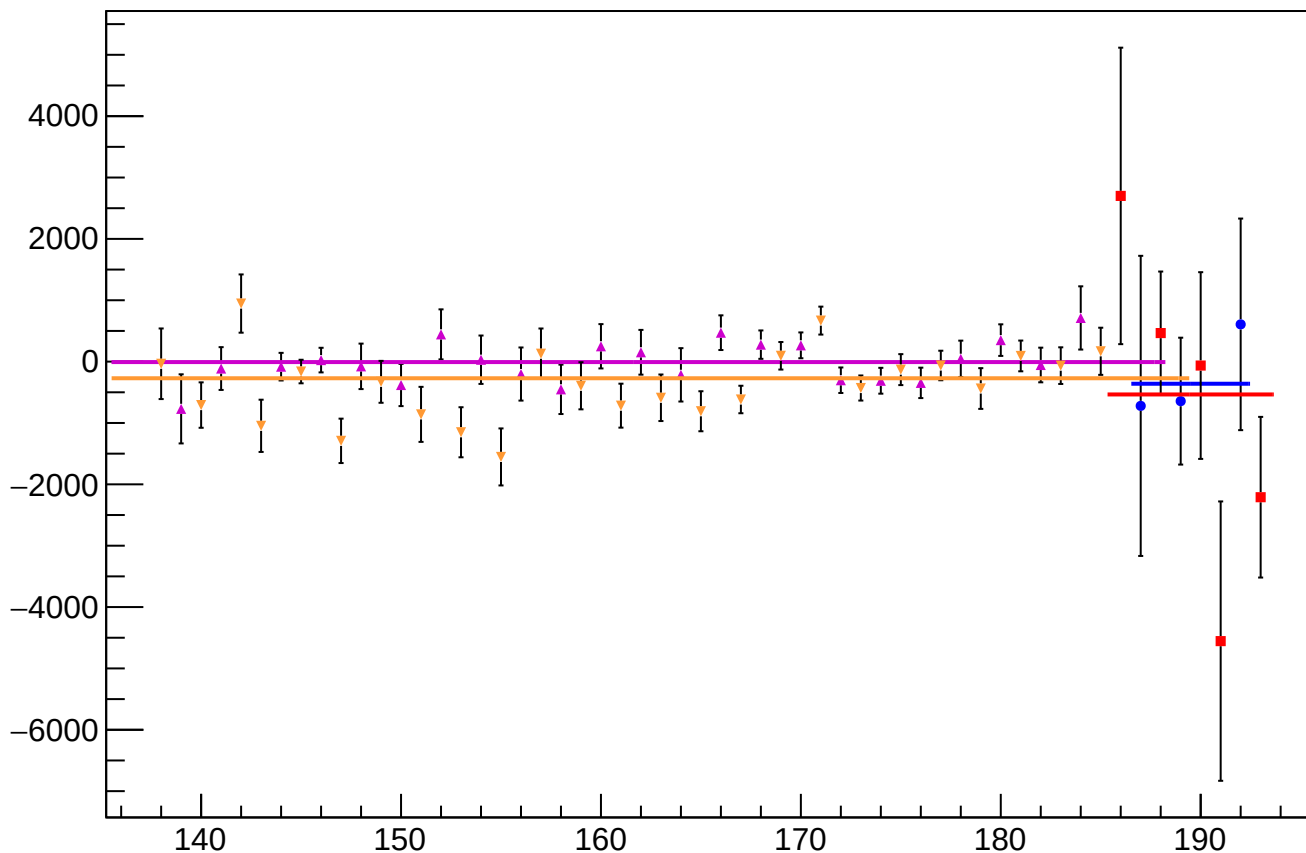
Left In: 53.312 $\pm$ 0.009 χ^2 /NDF: 644220.1/22

+ sign 53.617 $\pm$ 0.009 χ^2 /NDF: 1407376.7/27

All: 54.318 $\pm$ 0.006 χ^2 /NDF: 4155160.4/55

- sign 55.055 $\pm$ 0.009 χ^2 /NDF: 2734829.2/27

asym_sam_37_dd_correction_mean vs Slug



Right In: -360.620 +/- 833.593 χ^2/NDF : 0.4/2

Left Out: -271.240 +/- 60.285 χ^2/NDF : 67.7/24

Right Out: -535.215 +/- 648.975 χ^2/NDF : 7.6/4

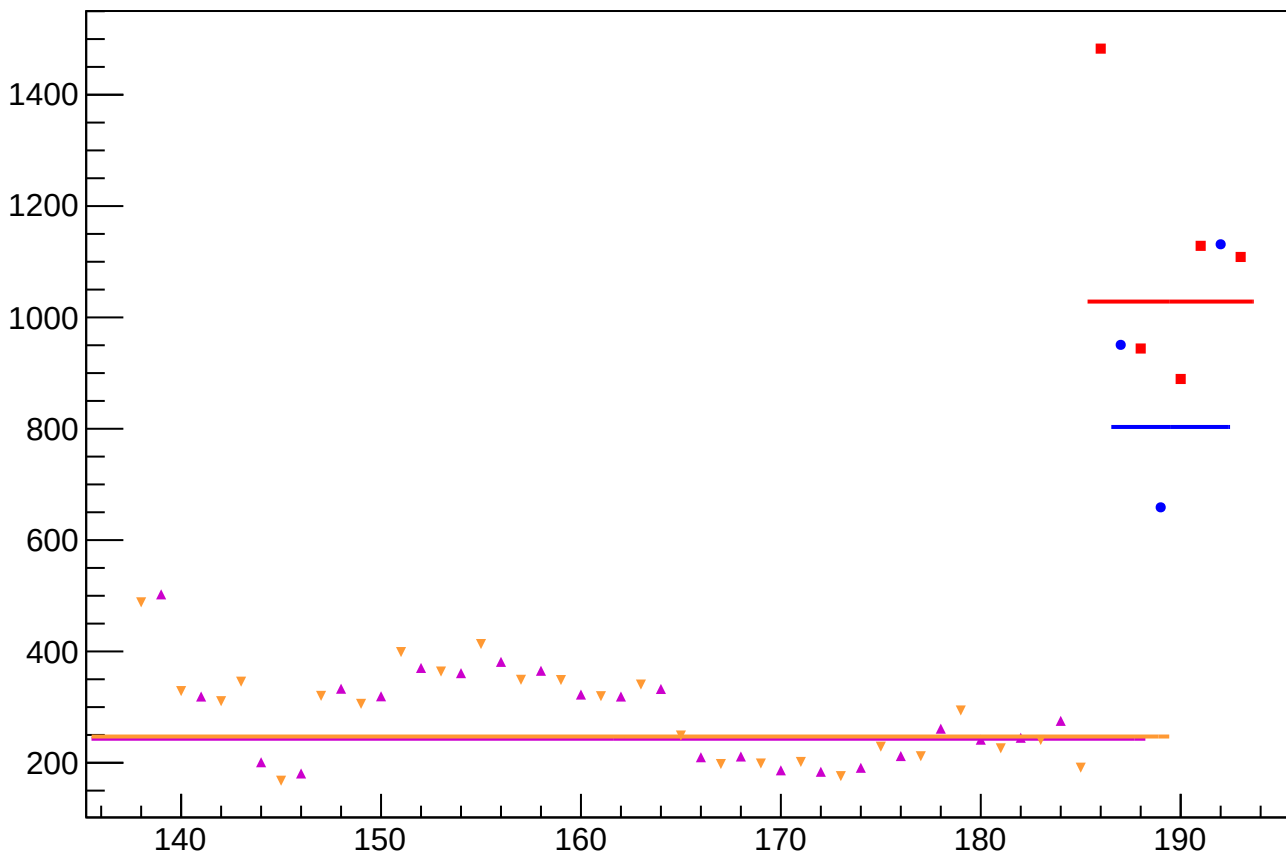
Left In: -7.535 +/- 60.328 χ^2/NDF : 22.9/22

+ sign -271.705 +/- 60.128 χ^2/NDF : 68.1/27

All: -141.753 +/- 42.496 χ^2/NDF : 108.6/55

- sign -12.055 +/- 60.069 χ^2/NDF : 31.1/27

asym_sam_37_dd_correction_rms vs Slug



Right In: 803.232 $\pm$ 0.589 χ^2 /NDF: 118734.4/2

Left Out: 247.166 $\pm$ 0.043 χ^2 /NDF: 2853302.0/24

Right Out: 1028.472 $\pm$ 0.459 χ^2 /NDF: 112957.9/4

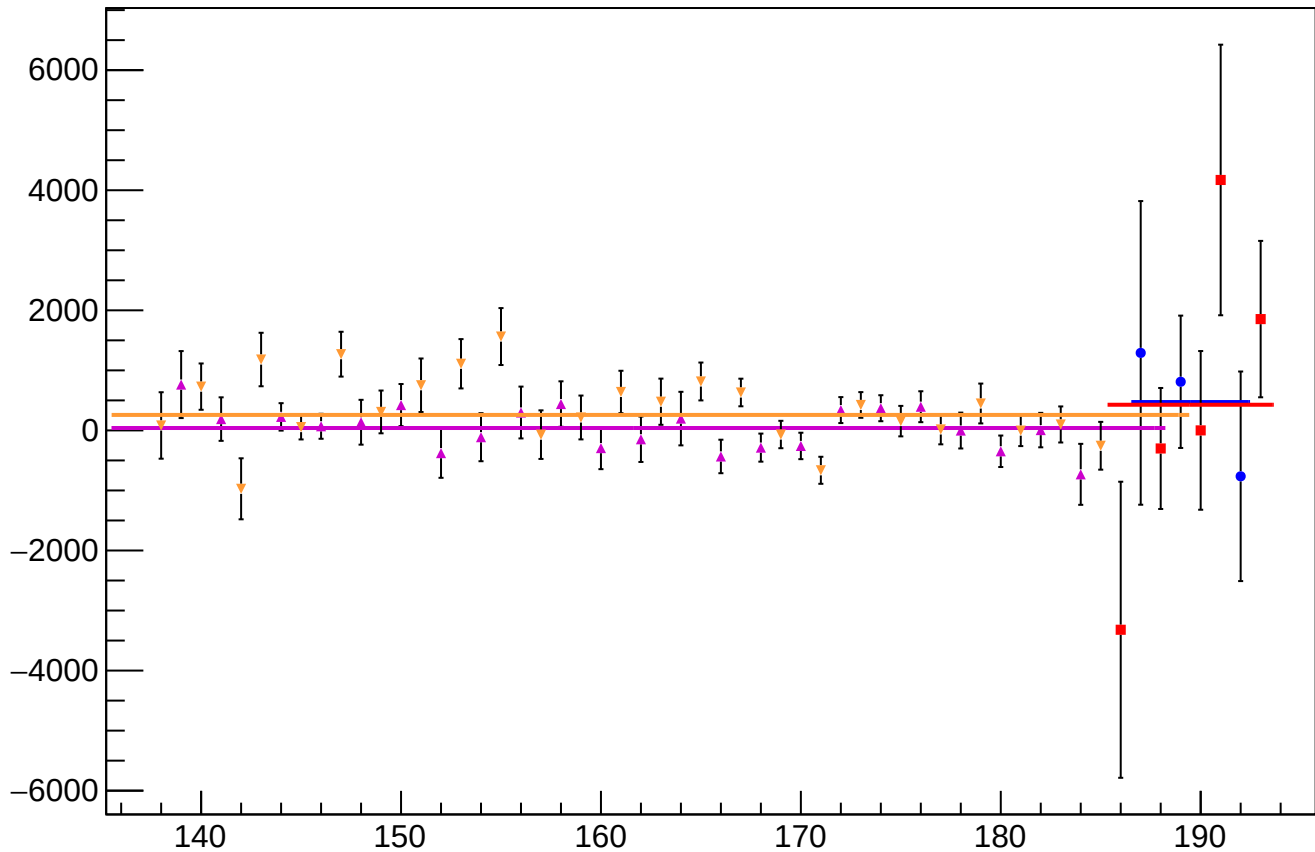
Left In: 243.189 $\pm$ 0.043 χ^2 /NDF: 2571190.8/22

+ sign 250.059 $\pm$ 0.043 χ^2 /NDF: 3857376.0/27

All: 249.988 $\pm$ 0.030 χ^2 /NDF: 9444815.9/55

- sign 249.916 $\pm$ 0.042 χ^2 /NDF: 5587434.2/27

asym_sam_37_dd_mean vs Slug



Right In: 472.355+/-874.333 χ^2/NDF : 0.7/2

Left Out: 258.044+/-61.488 χ^2/NDF : 65.0/24

Right Out: 427.484+/-631.403 χ^2/NDF : 6.9/4

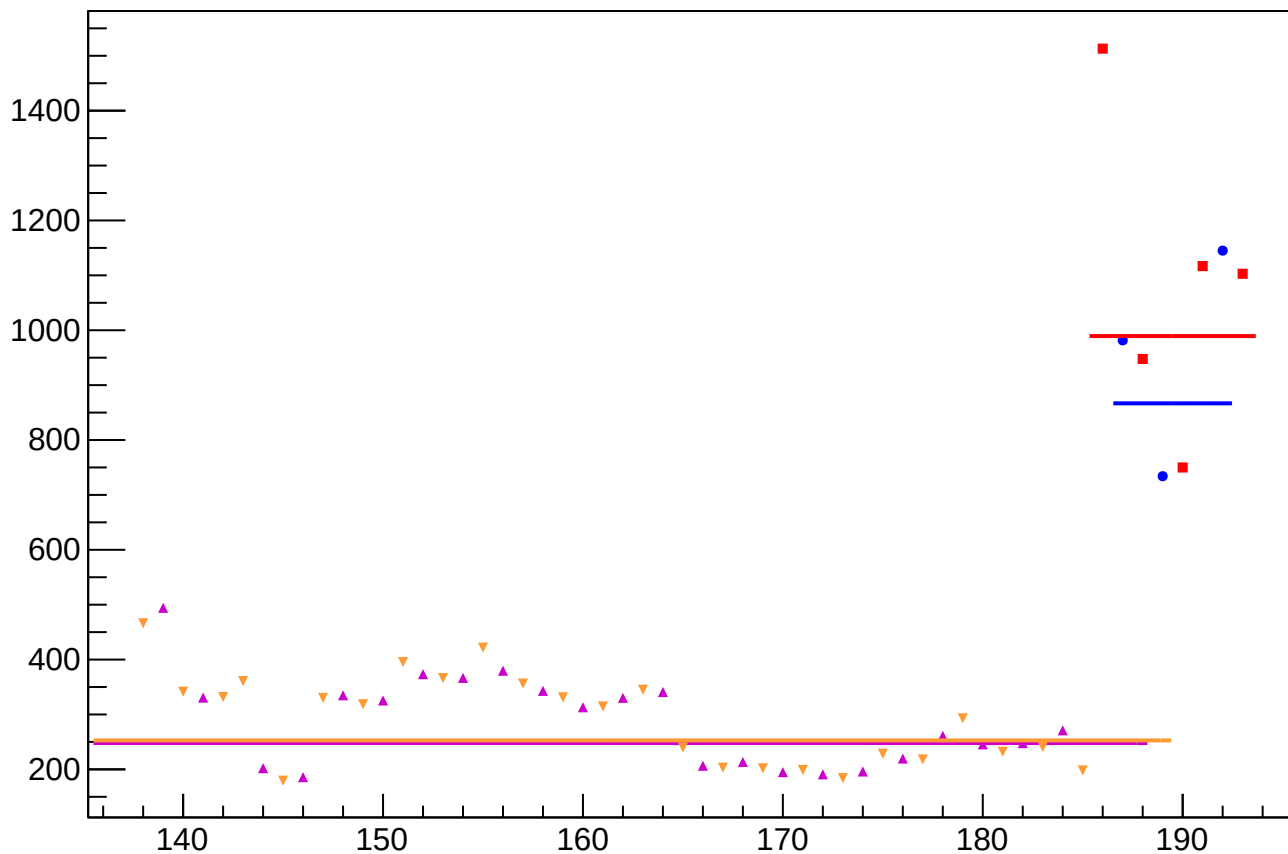
Left In: 40.015+/-61.495 χ^2/NDF : 25.0/22

+ sign 259.098+/-61.336 χ^2/NDF : 65.7/27

All: 151.148+/-43.325 χ^2/NDF : 104.2/55

- sign 43.656+/-61.206 χ^2/NDF : 32.3/27

asym_sam_37_dd_rms vs Slug



Right In: 866.821+/-0.618 χ^2/NDF : 83962.9/2

Left Out: 252.721+/-0.043 χ^2/NDF : 2648800.3/24

Right Out: 989.378+/-0.446 χ^2/NDF : 180872.4/4

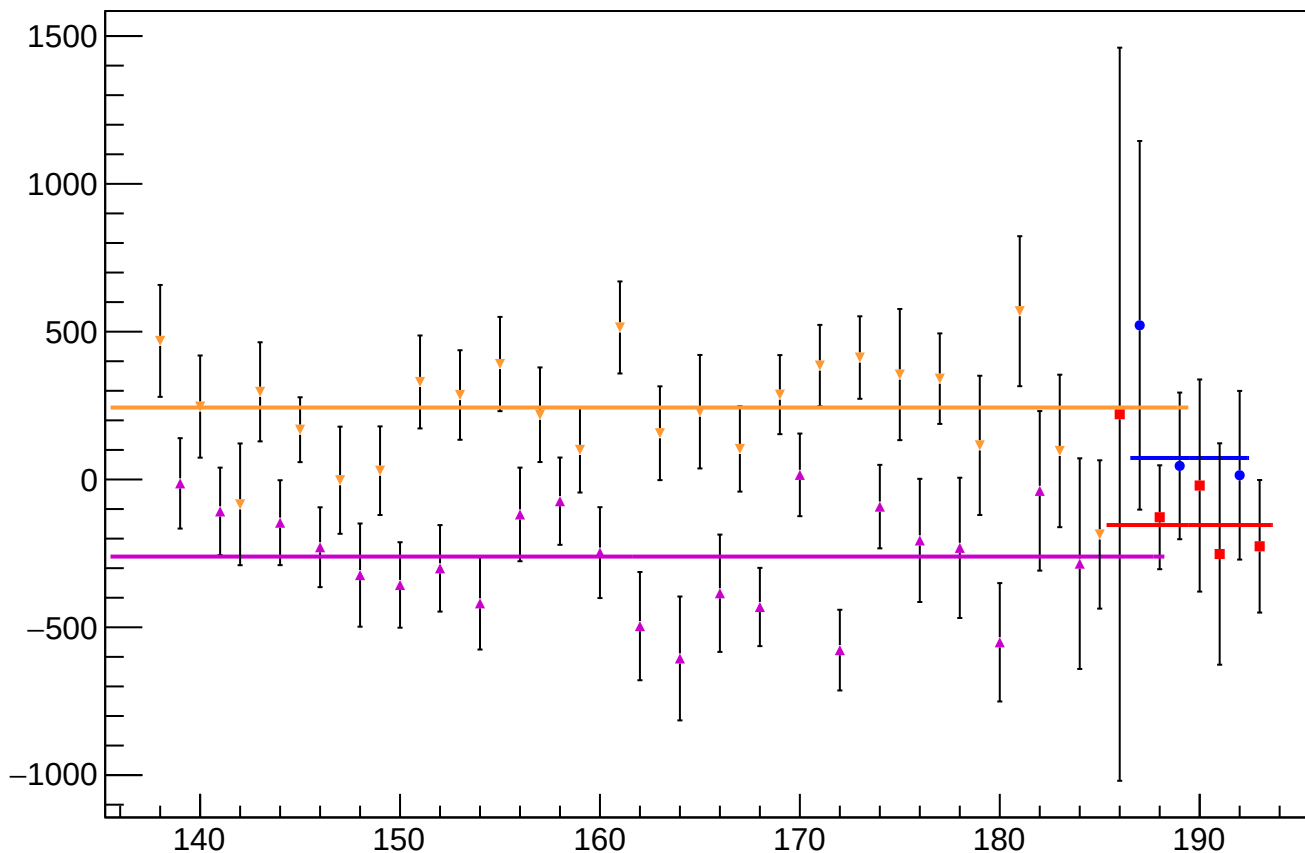
Left In: 247.919+/-0.043 χ^2/NDF : 2374698.8/22

+ sign 255.743+/-0.043 χ^2/NDF : 3714537.7/27

All: 255.313+/-0.031 χ^2/NDF : 9002368.6/55

- sign 254.886+/-0.043 χ^2/NDF : 5287635.2/27

dit_asym_sam_48_dd_mean vs Slug



Right In: 72.778 ± 179.264 $\chi^2/\text{NDF}: 0.6/2$

Left Out: 243.442 ± 32.738 $\chi^2/\text{NDF}: 23.4/24$

Right Out: -154.021 ± 121.445 $\chi^2/\text{NDF}: 0.4/4$

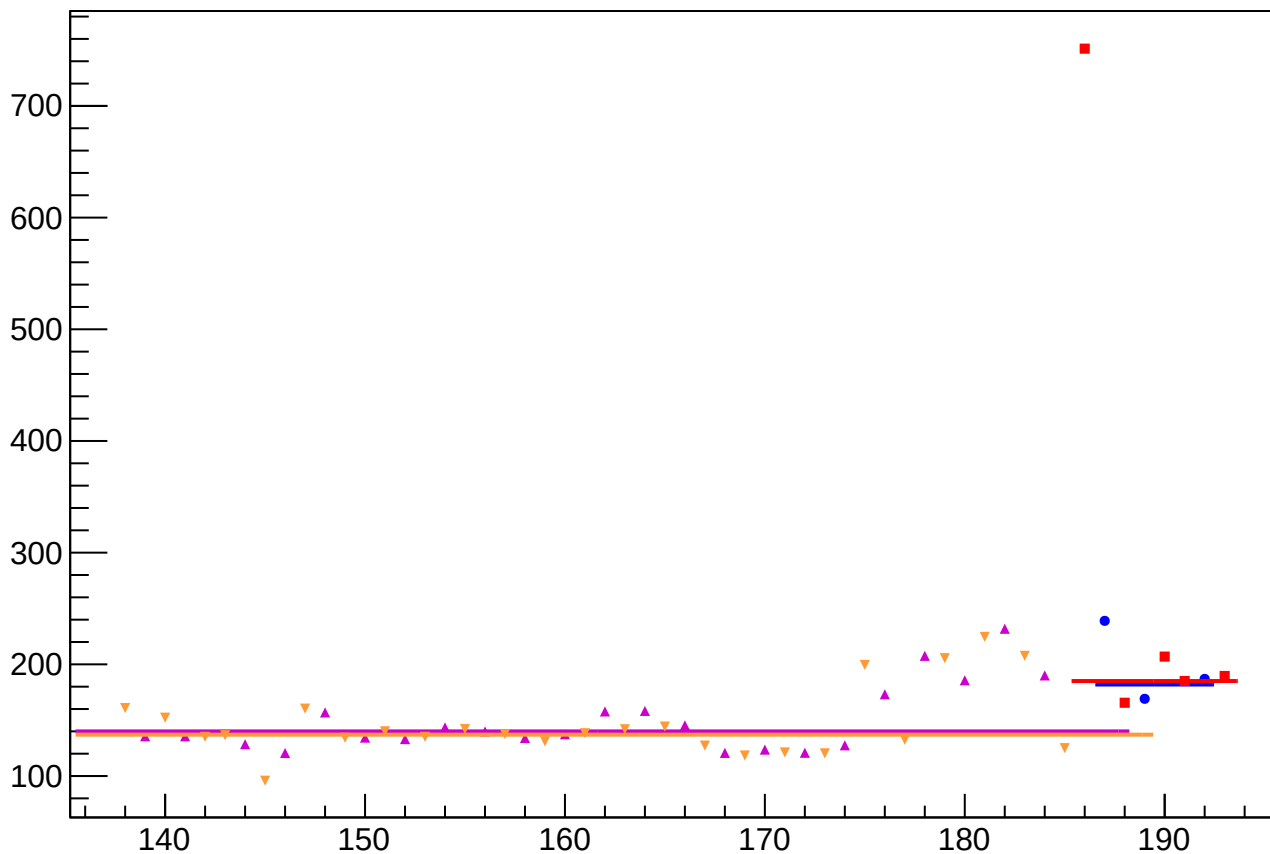
Left In: -260.749 ± 33.988 $\chi^2/\text{NDF}: 28.5/22$

+ sign 237.934 ± 32.206 $\chi^2/\text{NDF}: 24.9/27$

All: -3.565 ± 22.956 $\chi^2/\text{NDF}: 168.8/55$

- sign -252.997 ± 32.730 $\chi^2/\text{NDF}: 29.6/27$

dit_asym_sam_48_dd_rms vs Slug



Right In: 181.951 $\pm$ 0.127 χ^2/NDF : 22661.0/2

Left Out: 137.036 $\pm$ 0.023 χ^2/NDF :1200381.2/24

Right Out: 185.052 $\pm$ 0.086 χ^2/NDF : 449797.1/4

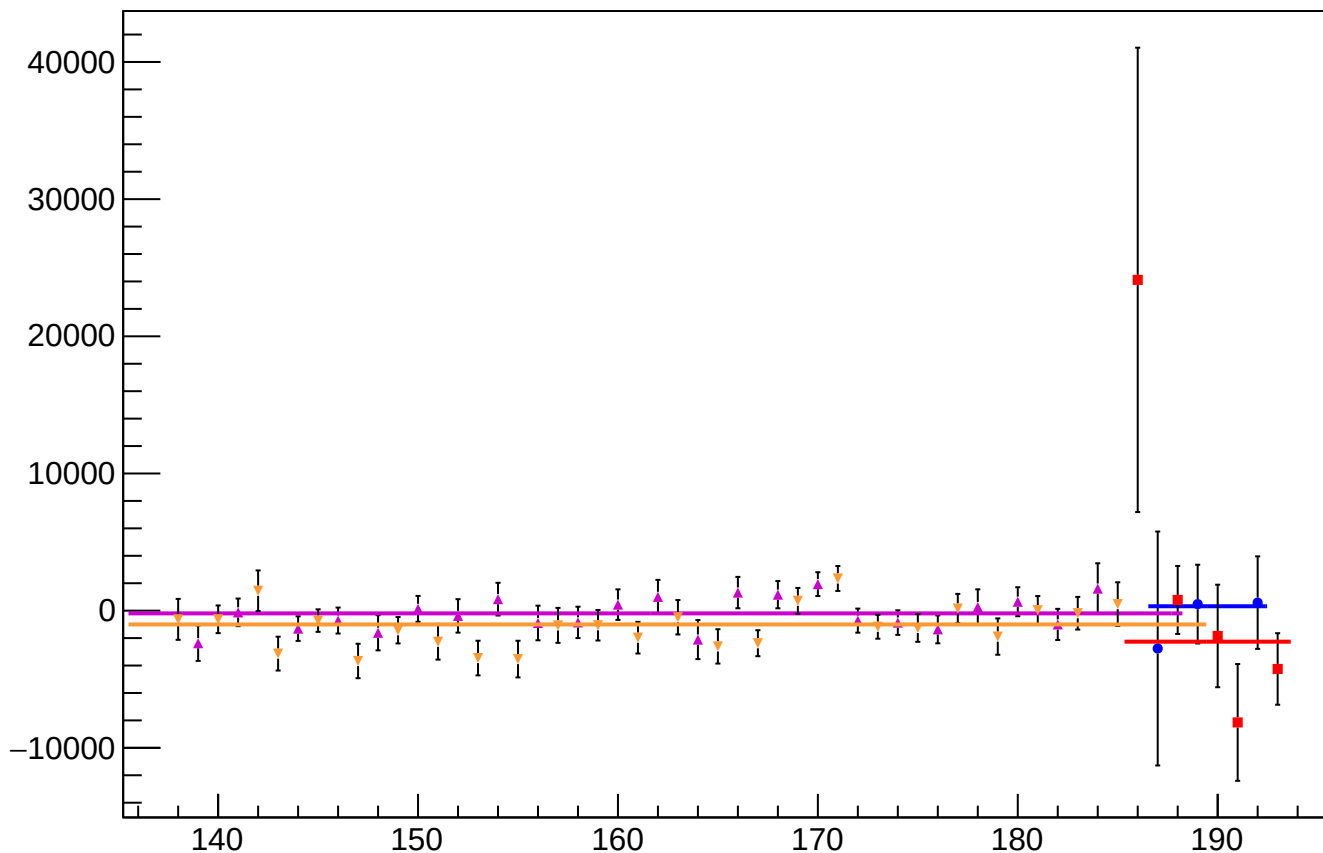
Left In: 139.966 $\pm$ 0.024 χ^2/NDF :838127.9/22

+ sign 138.485 $\pm$ 0.023 χ^2/NDF : 1344544.3/27

All: 140.824 $\pm$ 0.016 χ^2/NDF : 2909540.6/55

- sign 143.241 $\pm$ 0.023 χ^2/NDF : 1543546.6/27

asym_sam_48_dd_correction_mean vs Slug



Right In: 321.083 ± 2117.247 $\chi^2/\text{NDF}: 0.1/2$

Left Out: -1004.364 ± 222.387 $\chi^2/\text{NDF}: 44.7/24$

Right Out: -2260.344 ± 1506.923 $\chi^2/\text{NDF}: 6.4/4$

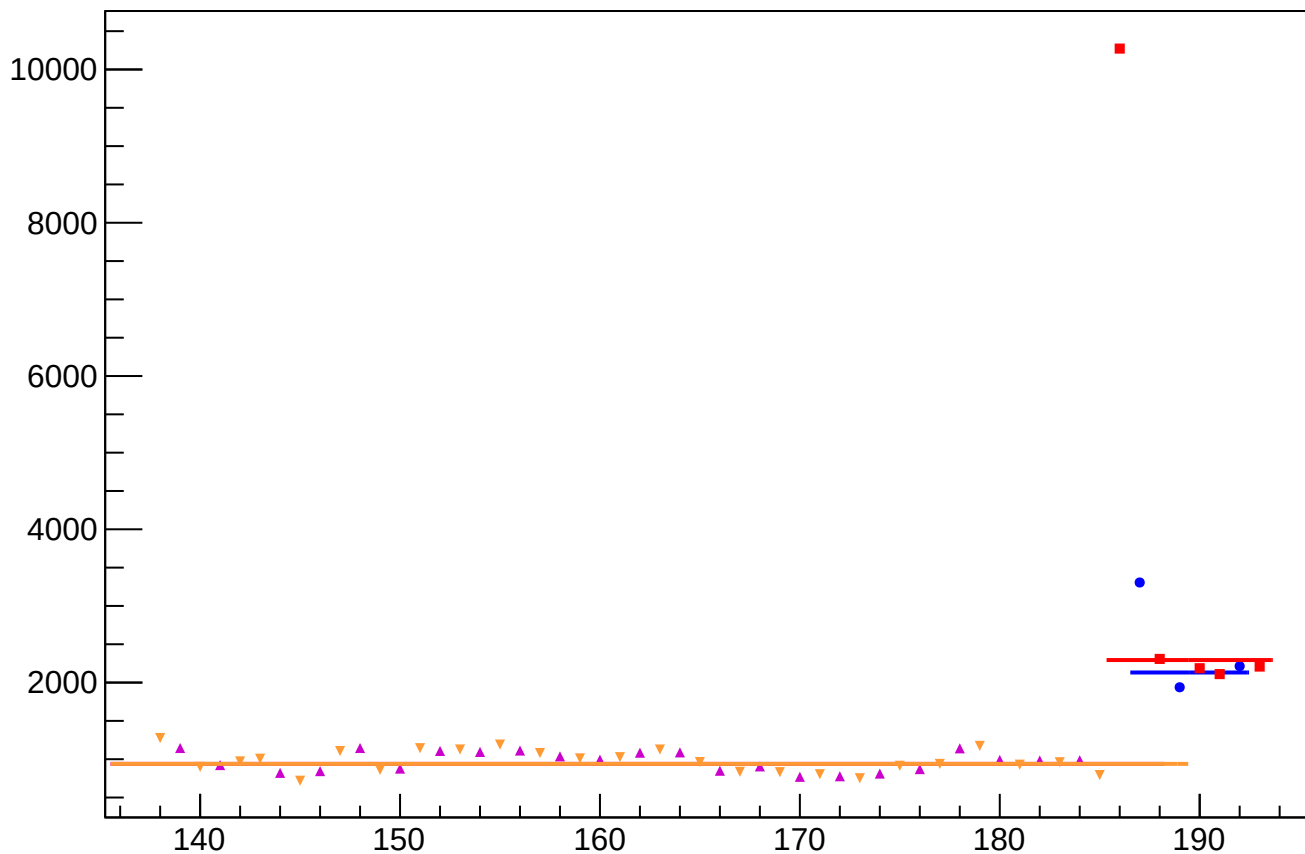
Left In: -198.654 ± 225.997 $\chi^2/\text{NDF}: 24.6/22$

+ sign -989.901 ± 221.170 $\chi^2/\text{NDF}: 45.2/27$

All: -620.857 ± 157.208 $\chi^2/\text{NDF}: 83.7/55$

- sign -244.005 ± 223.498 $\chi^2/\text{NDF}: 32.9/27$

asym_sam_48_dd_correction_rms vs Slug



Right In: 2131.469 $\pm$ 1.497 χ^2 /NDF: 48157.7/2

Left Out: 938.988 $\pm$ 0.157 χ^2 /NDF: 828400.0/24

Right Out: 2293.870 $\pm$ 1.066 χ^2 /NDF: 451856.5/4

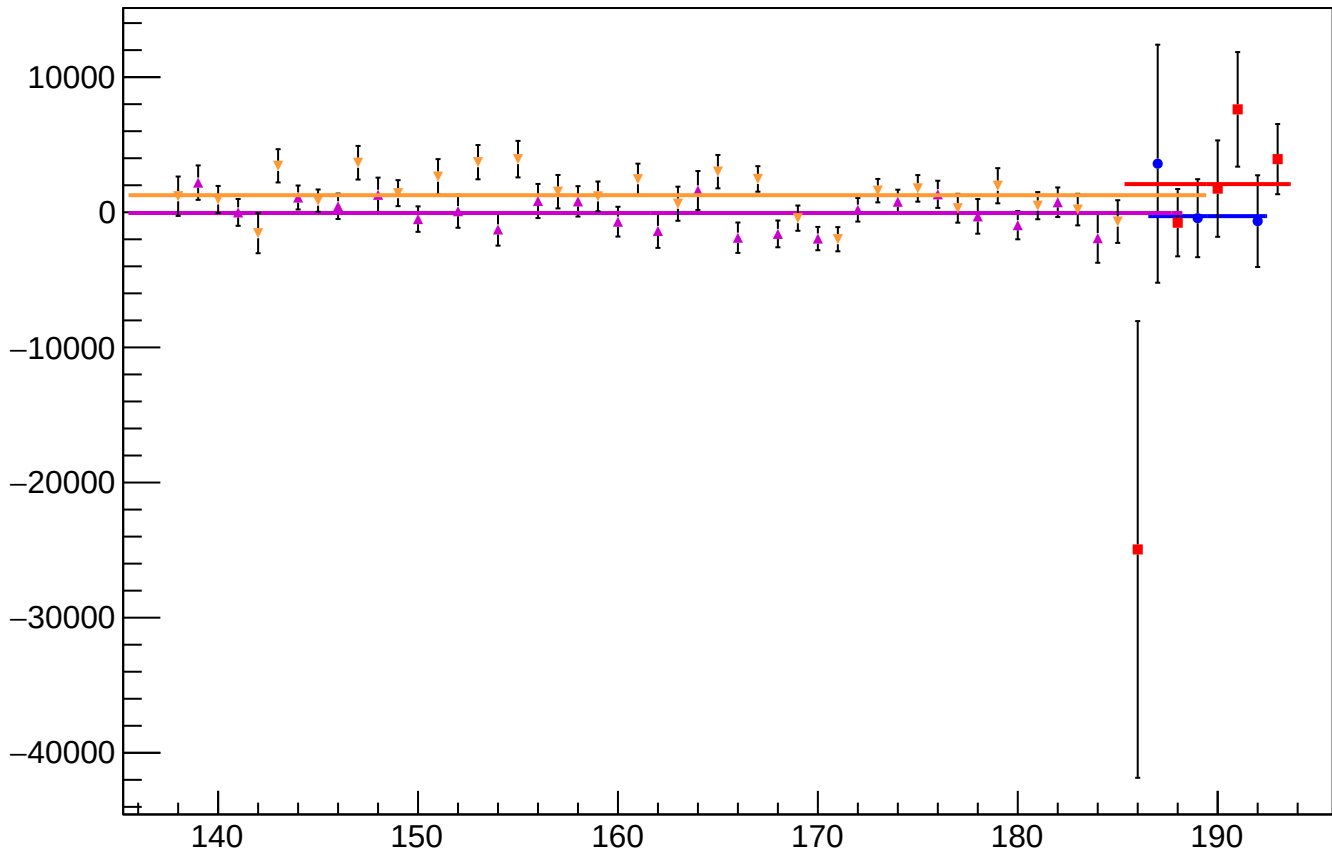
Left In: 938.755 $\pm$ 0.160 χ^2 /NDF: 611419.0/22

+ sign 952.001 $\pm$ 0.156 χ^2 /NDF: 1504073.1/27

All: 960.196 $\pm$ 0.111 χ^2 /NDF: 4154656.7/55

- sign 968.564 $\pm$ 0.158 χ^2 /NDF: 2645034.3/27

asym_sam_48_dd_mean vs Slug



Right In: -285.813 ± 2133.654 χ^2/NDF : 0.2/2

Left Out: 1264.940 ± 220.626 χ^2/NDF : 45.5/24

Right Out: 2086.325 ± 1495.204 χ^2/NDF : 6.1/4

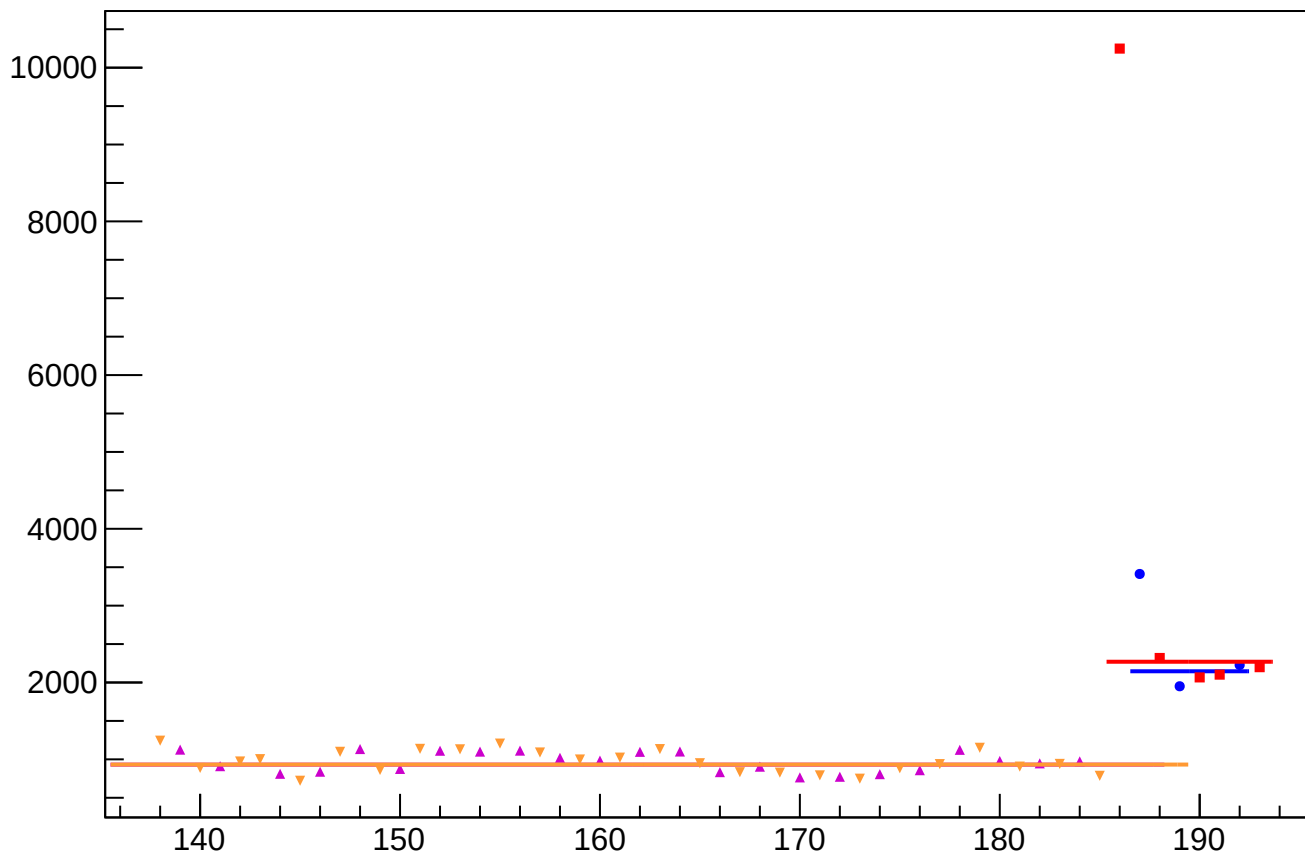
Left In: -53.940 ± 224.371 χ^2/NDF : 26.4/22

+ sign 1248.534 ± 219.456 χ^2/NDF : 46.3/27

All: 627.778 ± 156.031 χ^2/NDF : 97.0/55

- sign -6.806 ± 221.887 χ^2/NDF : 34.5/27

asym_sam_48_dd_rms vs Slug



Right In: 2146.001 $\pm$ 1.509 χ^2/NDF : 51609.2/2

Left Out: 932.170 $\pm$ 0.156 χ^2/NDF : 828733.8/24

Right Out: 2270.059 $\pm$ 1.057 χ^2/NDF : 457744.6/4

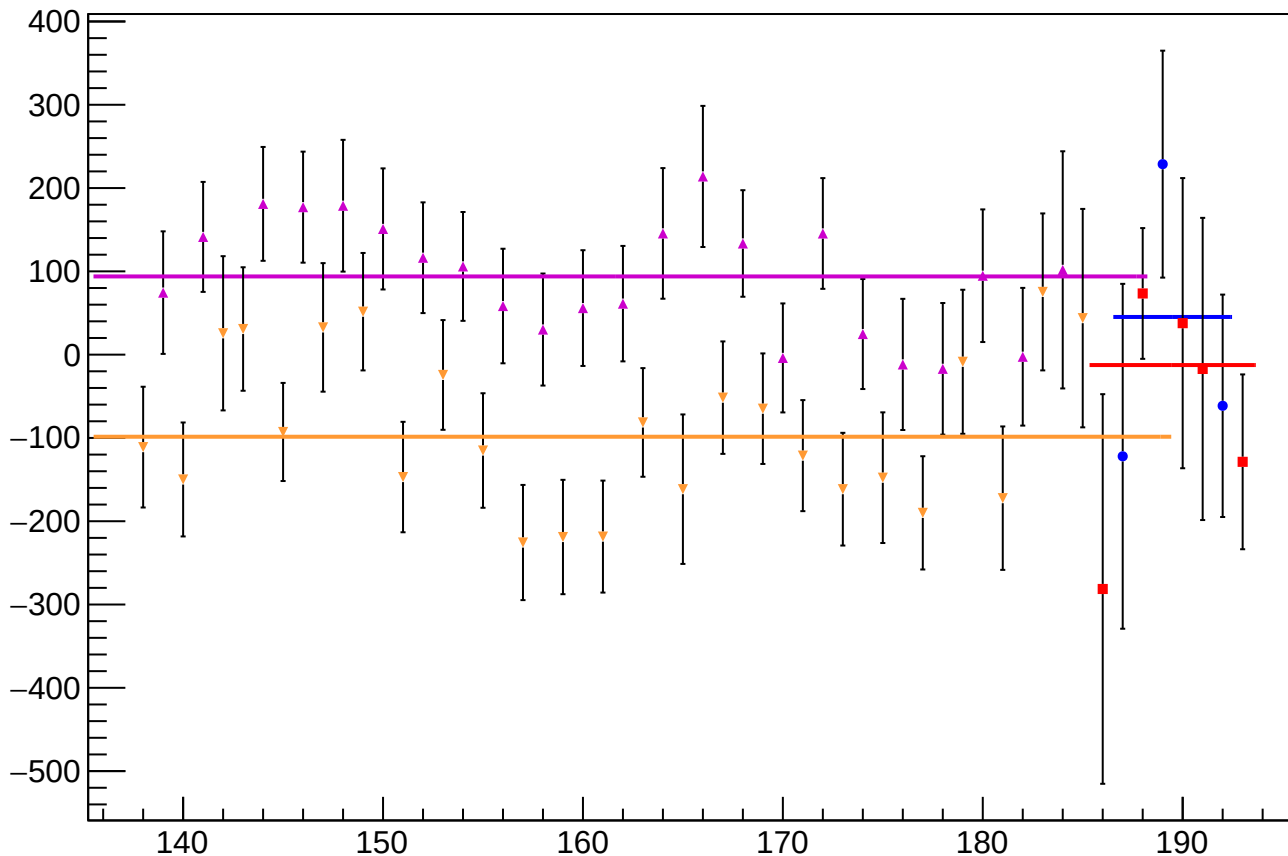
Left In: 930.854 $\pm$ 0.159 χ^2/NDF : 621985.5/22

+ sign 945.011 $\pm$ 0.155 χ^2/NDF : 1520784.0/27

All: 952.594 $\pm$ 0.110 χ^2/NDF : 4174449.1/55

- sign 960.346 $\pm$ 0.157 χ^2/NDF : 2648836.1/27

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 45.236 $\pm$ 86.612 χ^2/NDF : 3.1/2

Left Out: -98.557 $\pm$ 14.525 χ^2/NDF : 35.2/24

Right Out: -12.496 $\pm$ 54.658 χ^2/NDF : 3.8/4

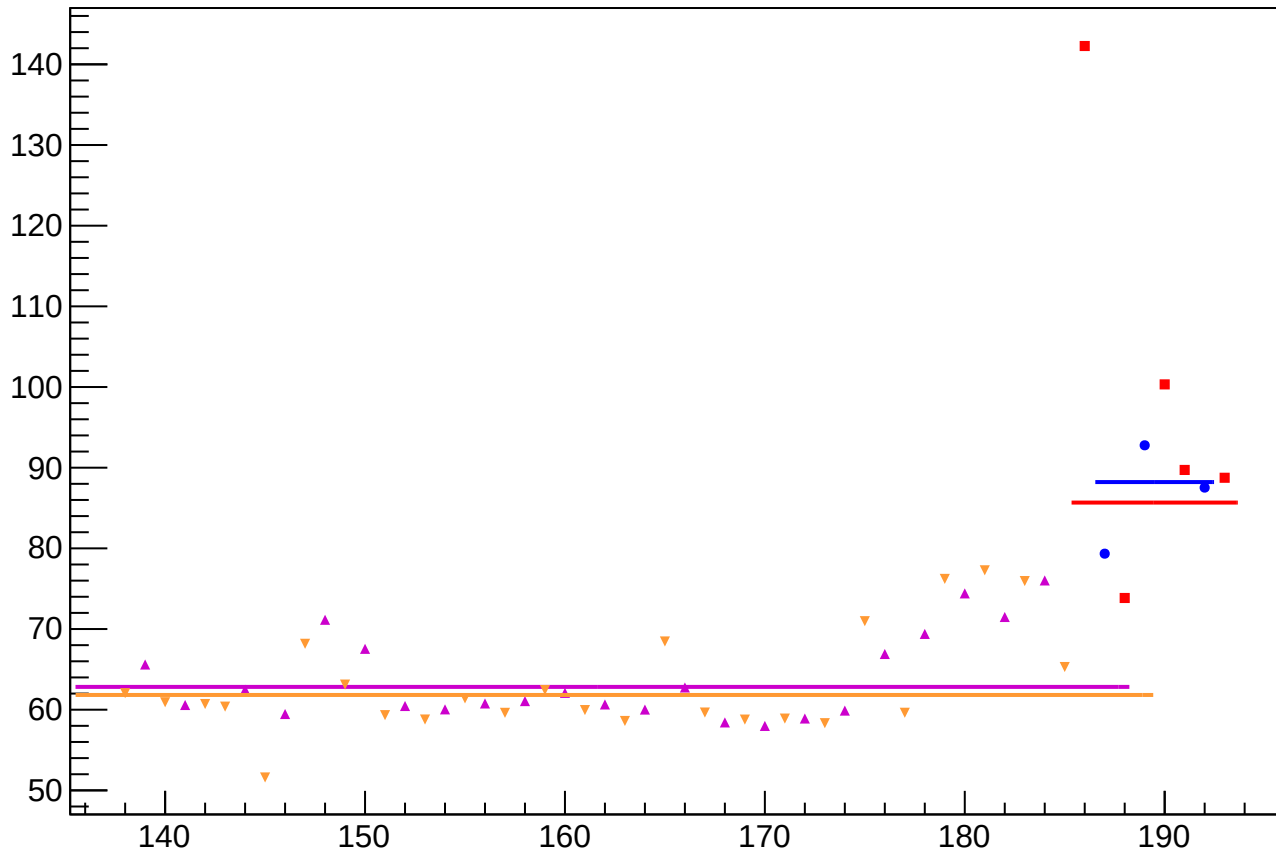
Left In: 93.899 $\pm$ 15.039 χ^2/NDF : 19.3/22

+ sign -94.624 $\pm$ 14.325 χ^2/NDF : 41.0/27

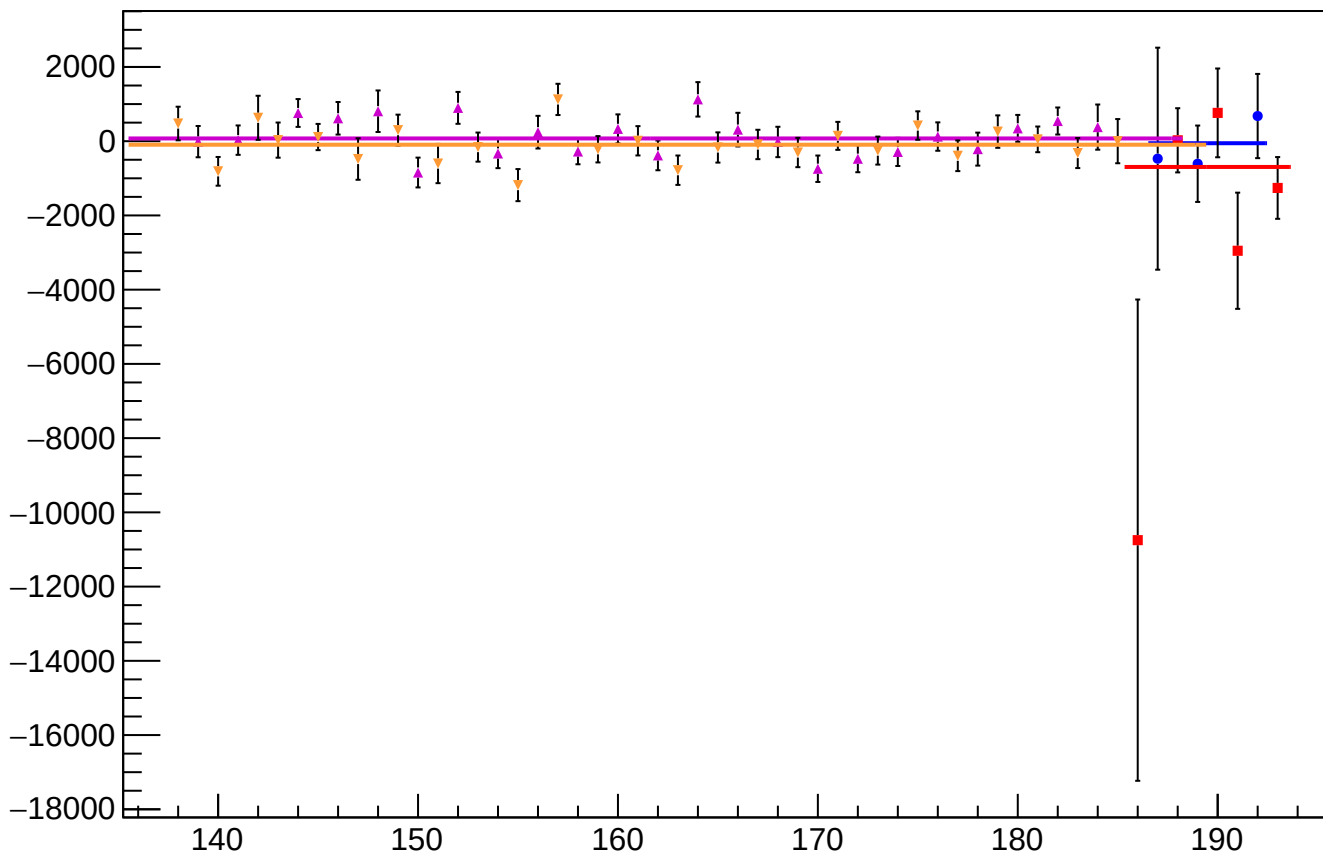
All: -5.206 $\pm$ 10.191 χ^2/NDF : 146.5/55

- sign 86.411 $\pm$ 14.500 χ^2/NDF : 26.6/27

dit_asym_sam_13_57_dd_rms vs Slug



asym_sam_13_57_dd_correction_mean vs Slug



Right In: -54.383 ± 738.645 χ^2/NDF : 0.7/2

Left Out: -94.907 ± 82.850 χ^2/NDF : 31.6/24

Right Out: -693.938 ± 505.503 χ^2/NDF : 7.1/4

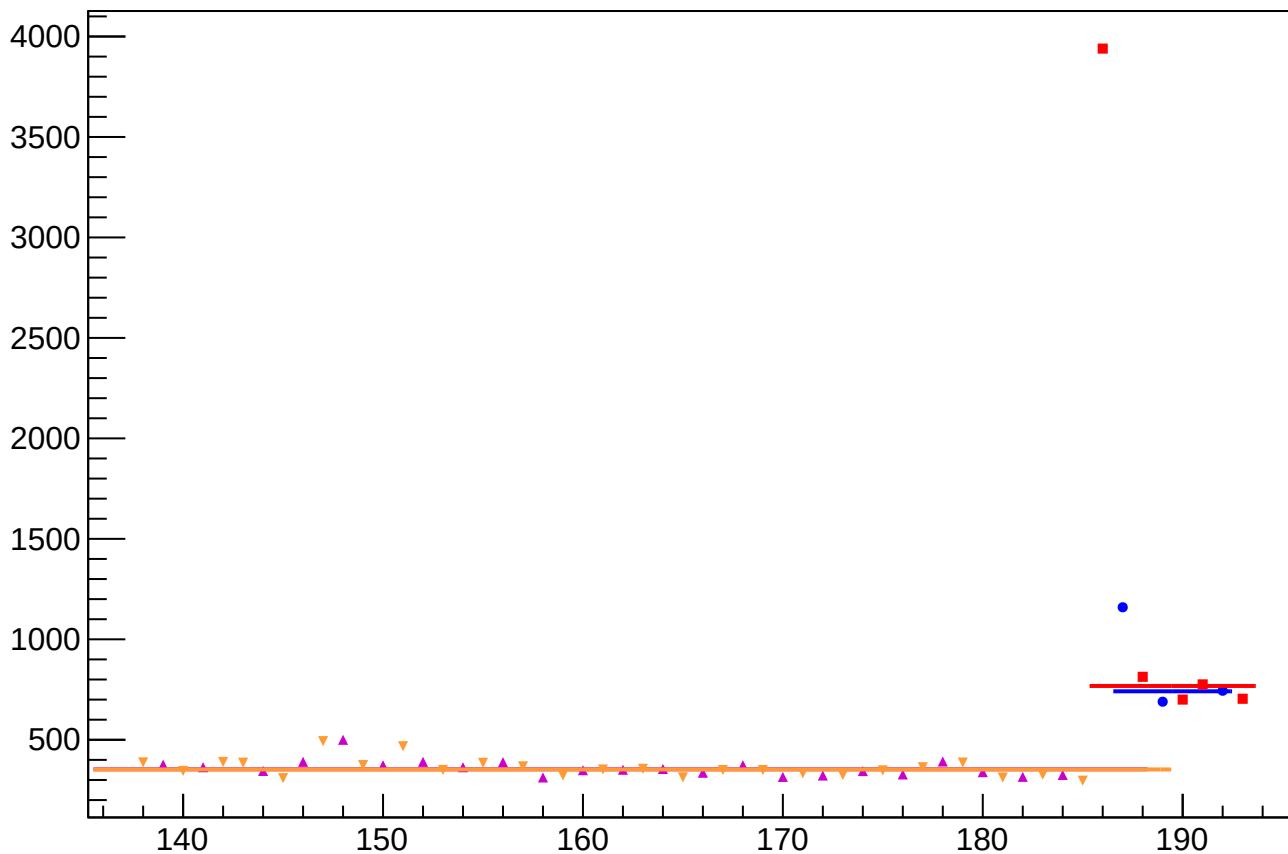
Left In: 73.914 ± 84.652 χ^2/NDF : 36.4/22

+ sign -94.403 ± 82.333 χ^2/NDF : 32.3/27

All: -21.745 ± 58.623 χ^2/NDF : 79.6/55

- sign 52.969 ± 83.490 χ^2/NDF : 45.7/27

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 741.303 $\pm$ 0.522 χ^2 /NDF: 44172.4/2

Left Out: 352.403 $\pm$ 0.059 χ^2 /NDF: 418506.2/24

Right Out: 767.892 $\pm$ 0.357 χ^2 /NDF: 502469.0/4

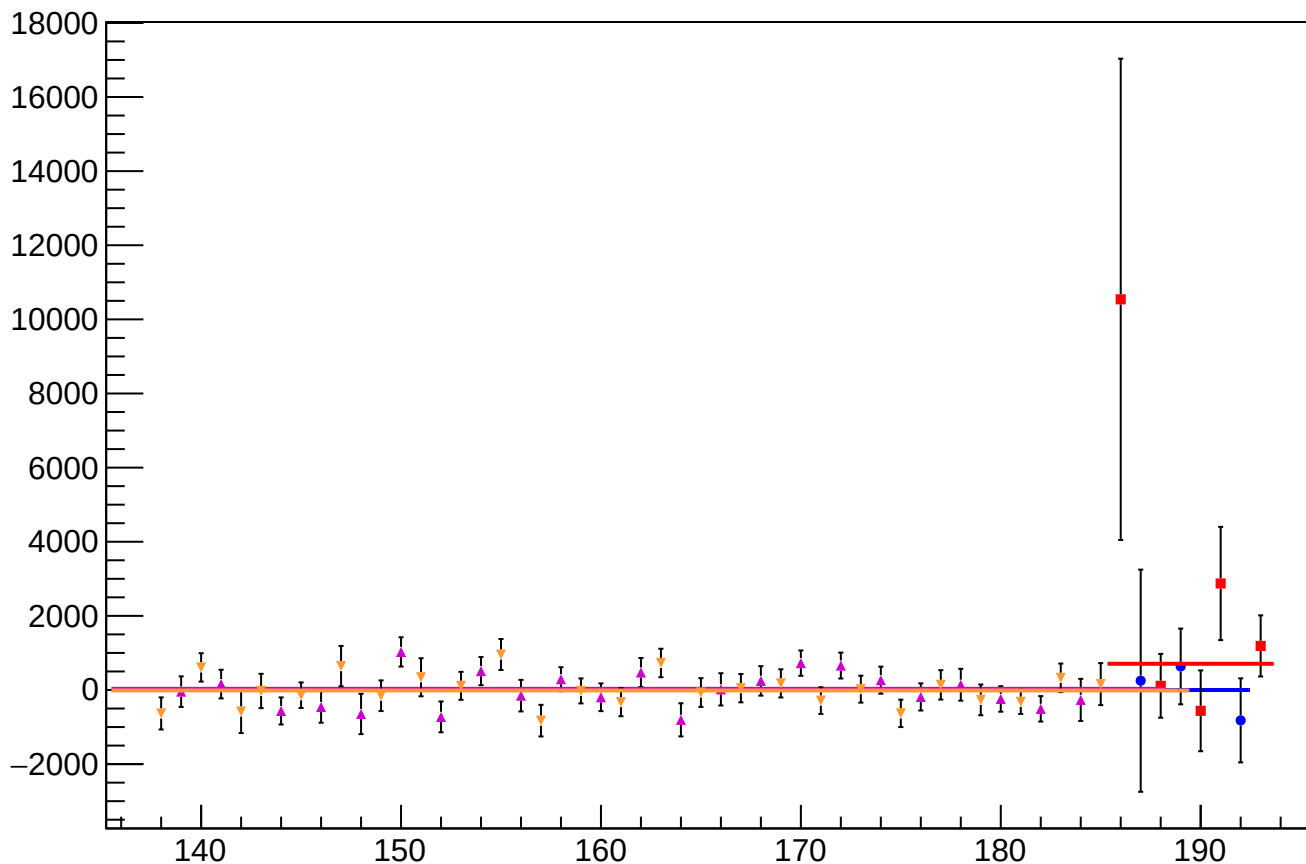
Left In: 353.197 $\pm$ 0.060 χ^2 /NDF: 321761.0/22

+ sign 357.234 $\pm$ 0.058 χ^2 /NDF: 1010206.9/27

All: 360.821 $\pm$ 0.041 χ^2 /NDF: 3151402.3/55

- sign 364.509 $\pm$ 0.059 χ^2 /NDF: 2133497.4/27

asym_sam_13_57_dd_mean vs Slug



Right In: -0.564 ± 735.709 $\chi^2/\text{NDF}: 0.9/2$

Left Out: -12.545 ± 79.984 $\chi^2/\text{NDF}: 27.3/24$

Right Out: 707.289 ± 493.075 $\chi^2/\text{NDF}: 6.5/4$

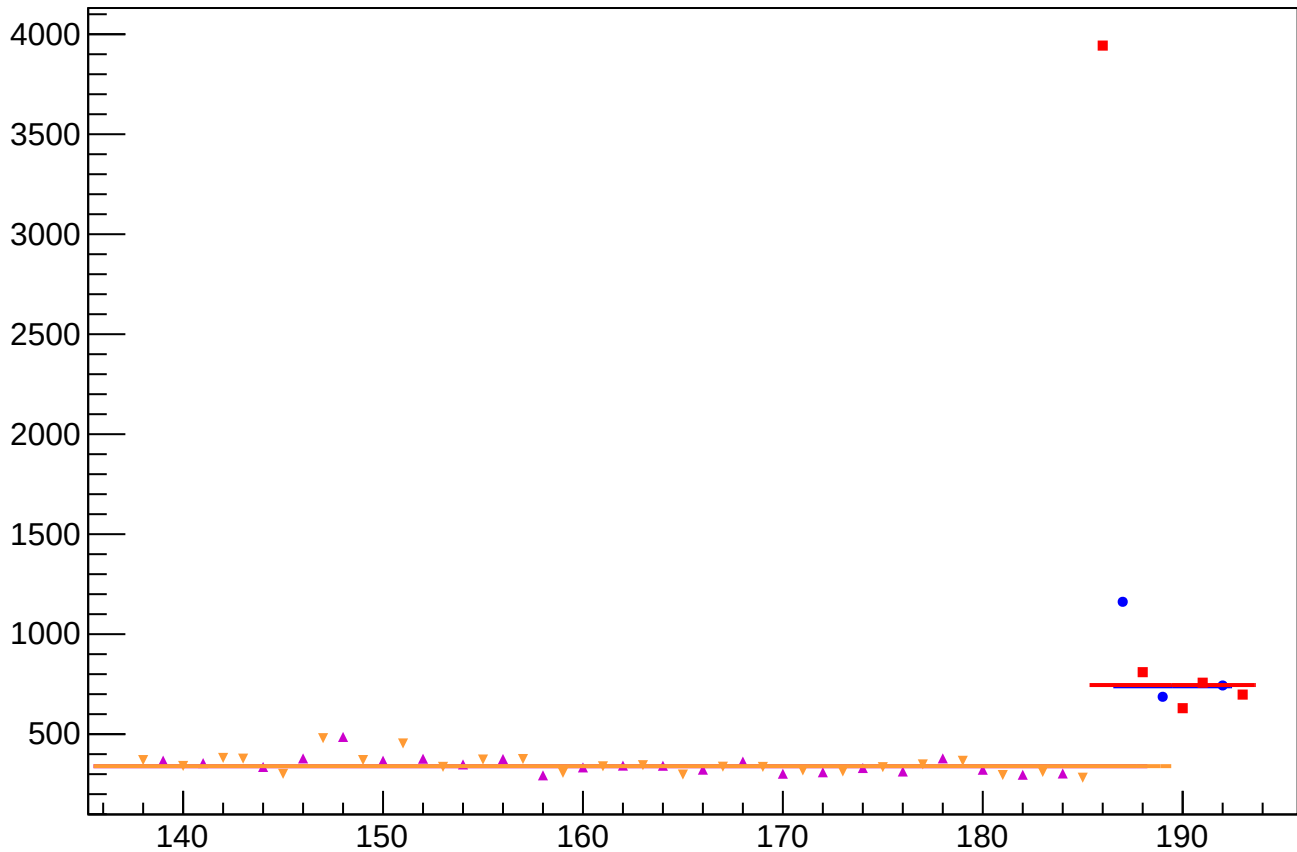
Left In: 31.531 ± 81.476 $\chi^2/\text{NDF}: 34.8/22$

+ sign -12.405 ± 79.516 $\chi^2/\text{NDF}: 28.3/27$

All: 18.207 ± 56.531 $\chi^2/\text{NDF}: 71.6/55$

- sign 49.492 ± 80.386 $\chi^2/\text{NDF}: 43.1/27$

asym_sam_13_57_dd_rms vs Slug



Right In: 739.309+/-0.520 χ^2/NDF : 45045.0/2

Left Out: 340.018+/-0.057 χ^2/NDF : 465345.1/24

Right Out: 745.624+/-0.349 χ^2/NDF : 525568.0/4

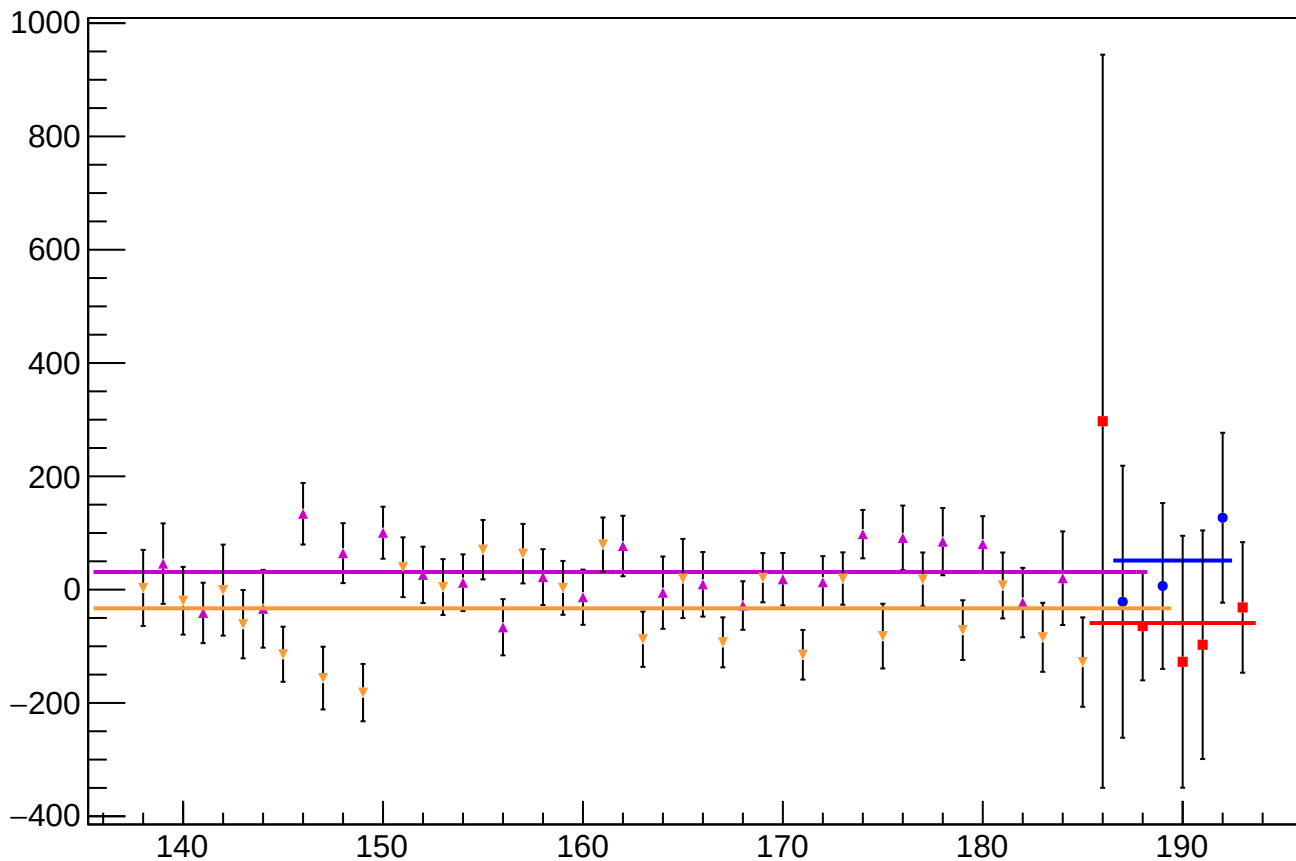
Left In: 339.571+/-0.058 χ^2/NDF : 377816.0/22

+ sign 344.682+/-0.056 χ^2/NDF : 1092619.1/27

All: 347.492+/-0.040 χ^2/NDF : 3321343.9/55

- sign 350.363+/-0.057 χ^2/NDF : 2223676.5/27

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 51.373 ± 95.999 χ^2/NDF : 0.4/2

Left Out: -32.964 ± 10.578 χ^2/NDF : 48.0/24

Right Out: -58.922 ± 65.710 χ^2/NDF : 0.5/4

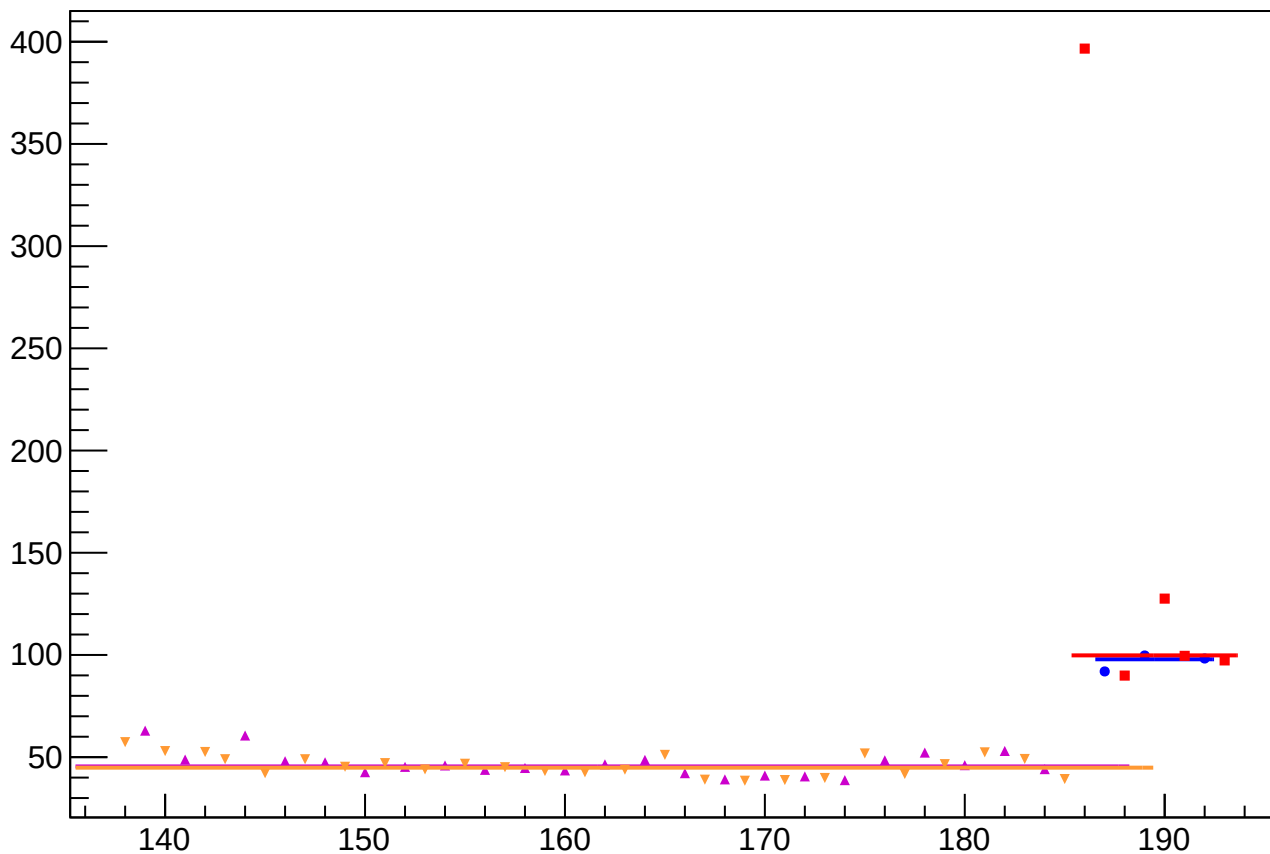
Left In: 31.144 ± 10.958 χ^2/NDF : 23.4/22

+ sign -31.953 ± 10.514 χ^2/NDF : 49.2/27

All: -2.460 ± 7.536 χ^2/NDF : 91.2/55

- sign 28.707 ± 10.808 χ^2/NDF : 25.8/27

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 97.886 $\pm$ 0.068 χ^2/NDF : 1559.7/2

Left Out: 44.862 $\pm$ 0.007 χ^2/NDF : 415524.3/24

Right Out: 99.796 $\pm$ 0.046 χ^2/NDF : 474395.4/4

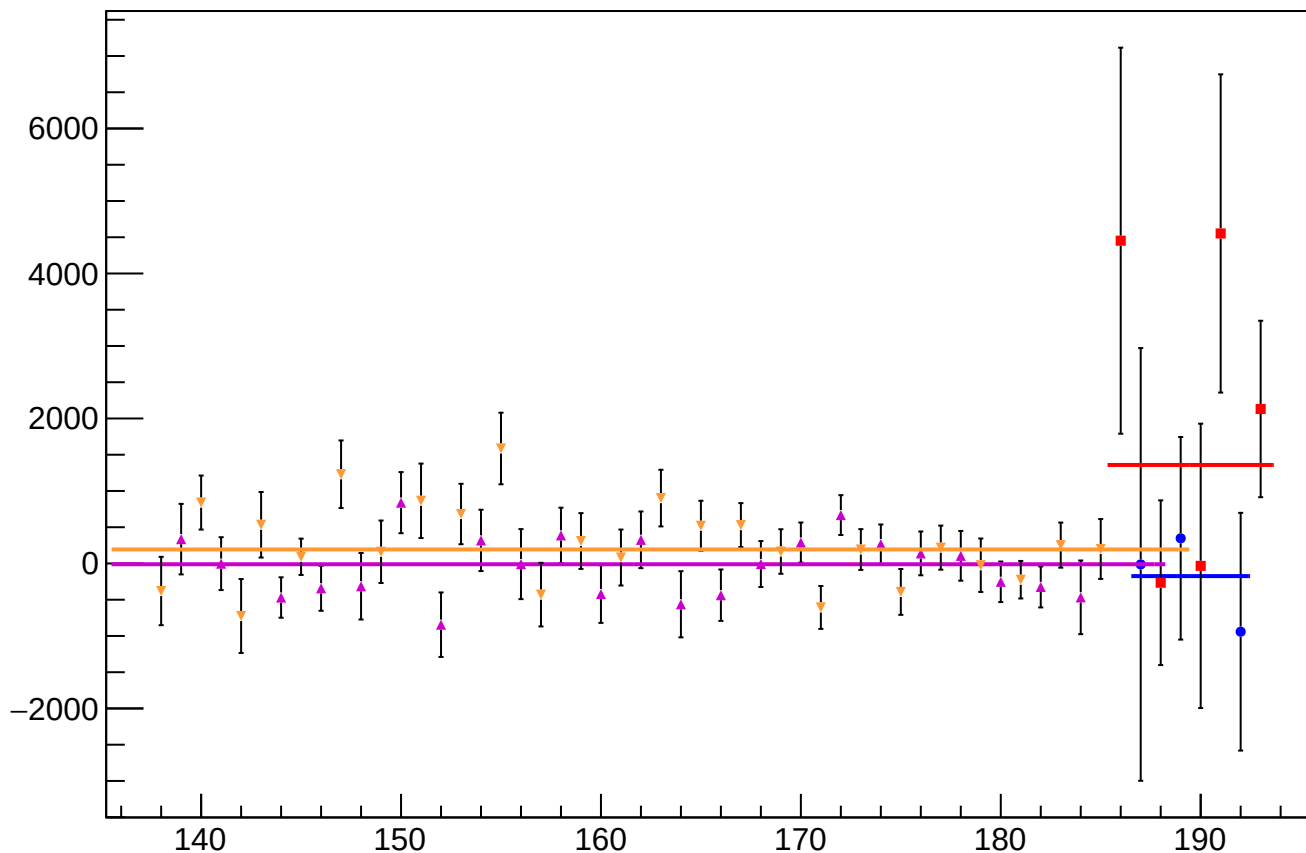
Left In: 45.465 $\pm$ 0.008 χ^2/NDF : 457021.7/22

+ sign 45.498 $\pm$ 0.007 χ^2/NDF : 1019922.6/27

All: 46.197 $\pm$ 0.005 χ^2/NDF : 3299816.7/55

- sign 46.935 $\pm$ 0.008 χ^2/NDF : 2261729.5/27

asym_sam_15_37_dd_correction_mean vs Slug



Right In: -174.417 ± 1001.860 $\chi^2/\text{NDF}: 0.4/2$

Left Out: 192.946 ± 70.968 $\chi^2/\text{NDF}: 45.8/24$

Right Out: 1358.918 ± 697.017 $\chi^2/\text{NDF}: 6.4/4$

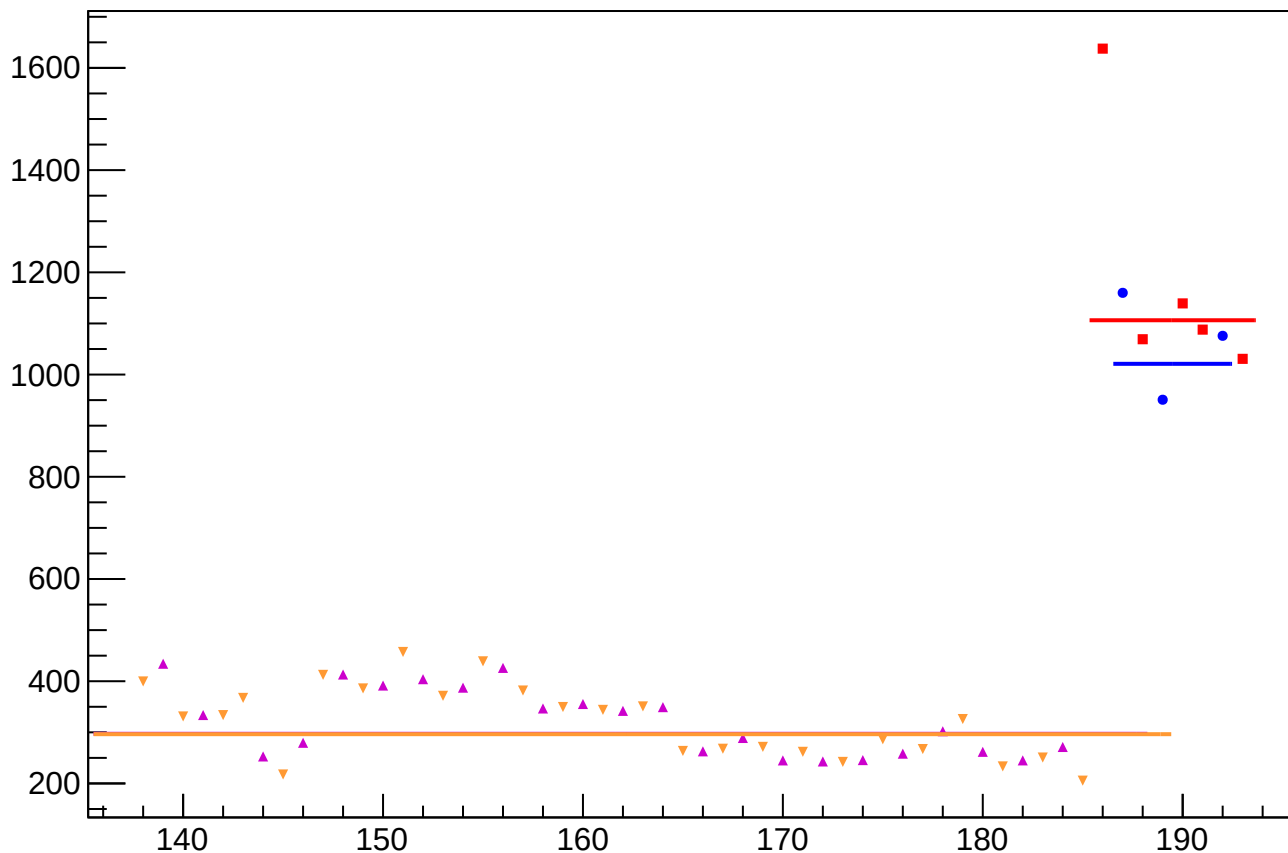
Left In: -10.801 ± 72.300 $\chi^2/\text{NDF}: 30.2/22$

+ sign 191.112 ± 70.791 $\chi^2/\text{NDF}: 46.3/27$

All: 98.921 ± 50.449 $\chi^2/\text{NDF}: 90.2/55$

- sign 3.780 ± 71.914 $\chi^2/\text{NDF}: 40.5/27$

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 1021.002 $\pm$ 0.708 χ^2/NDF : 11621.4/2

Left Out: 296.383 $\pm$ 0.050 χ^2/NDF : 1635498.4/24

Right Out: 1106.255 $\pm$ 0.493 χ^2/NDF : 90216.2/4

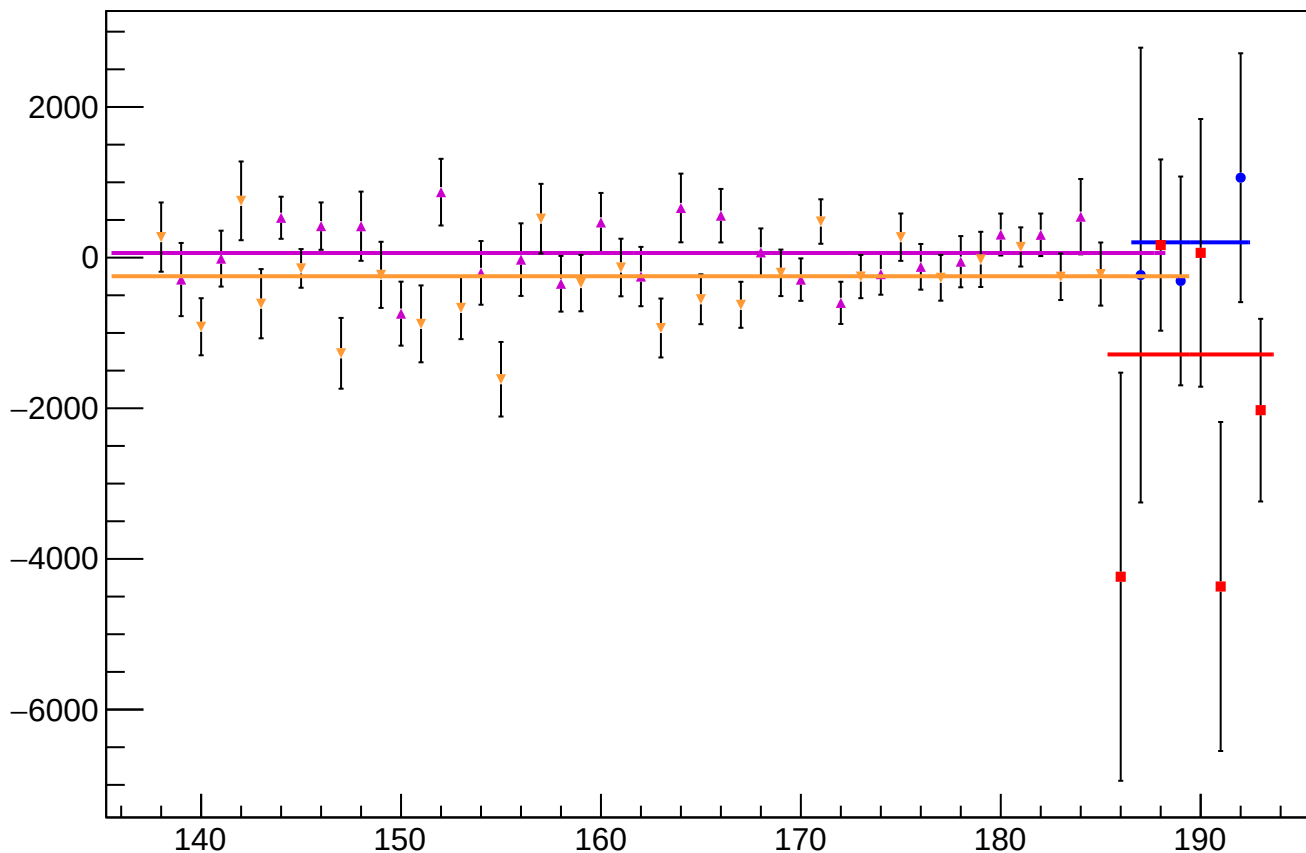
Left In: 297.137 $\pm$ 0.051 χ^2/NDF : 1320750.3/22

+ sign 300.001 $\pm$ 0.050 χ^2/NDF : 2688146.3/27

All: 302.830 $\pm$ 0.036 χ^2/NDF : 6771965.8/55

- sign 305.750 $\pm$ 0.051 χ^2/NDF : 4077328.2/27

asym_sam_15_37_dd_mean vs Slug



Right In: 202.966 $\pm$ 1001.620 χ^2 /NDF: 0.4/2

Left Out: -247.108 $\pm$ 71.218 χ^2 /NDF: 43.6/24

Right Out: -1285.390 $\pm$ 687.344 χ^2 /NDF: 5.8/4

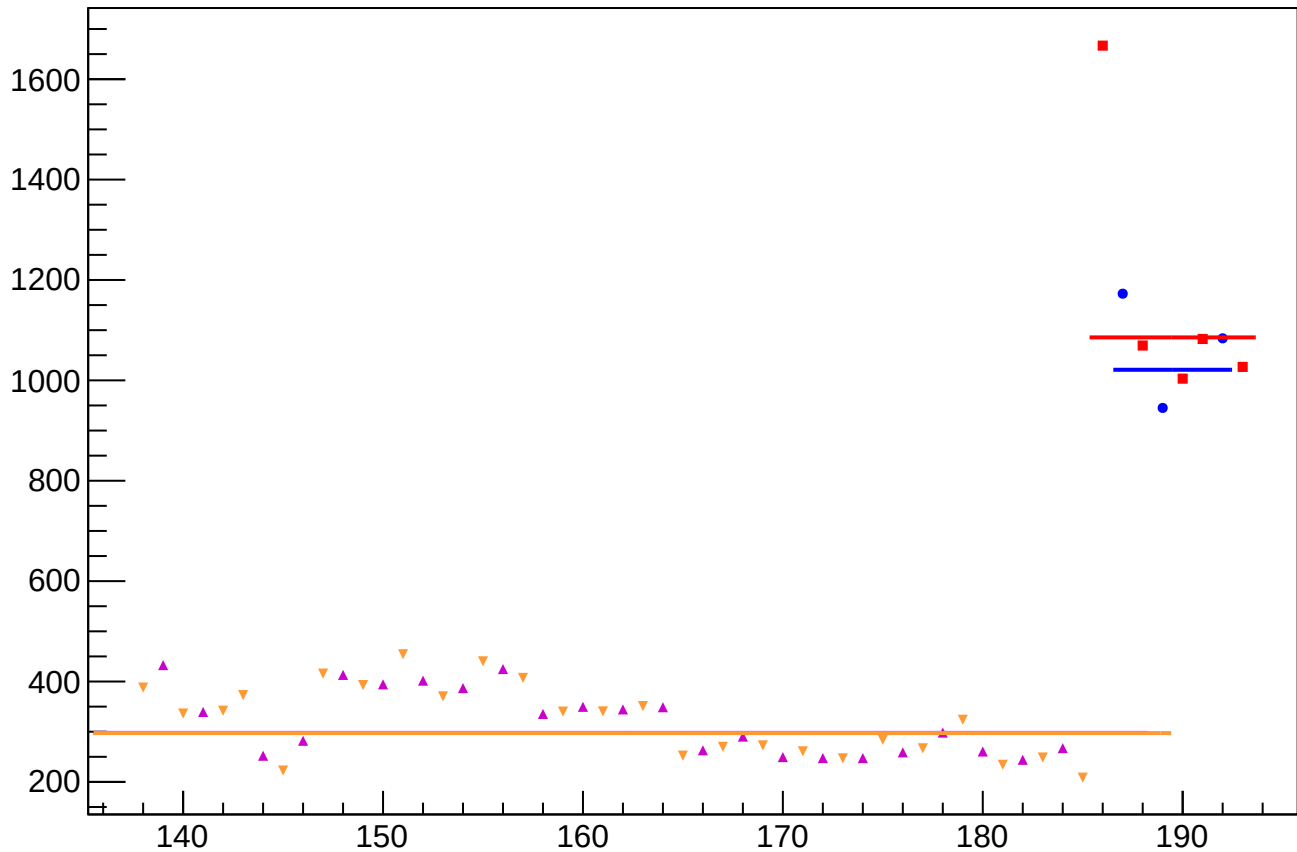
Left In: 61.707 $\pm$ 72.478 χ^2 /NDF: 30.3/22

+ sign -244.844 $\pm$ 71.039 χ^2 /NDF: 44.2/27

All: -101.094 $\pm$ 50.595 χ^2 /NDF: 92.4/55

- sign 46.893 $\pm$ 72.078 χ^2 /NDF: 39.9/27

asym_sam_15_37_dd_rms vs Slug



Right In: 1021.112+/-0.708 χ^2/NDF : 13929.3/2

Left Out: 297.273+/-0.050 χ^2/NDF :1627904.5/24

Right Out: 1085.589+/-0.486 χ^2/NDF : 101449.3/4

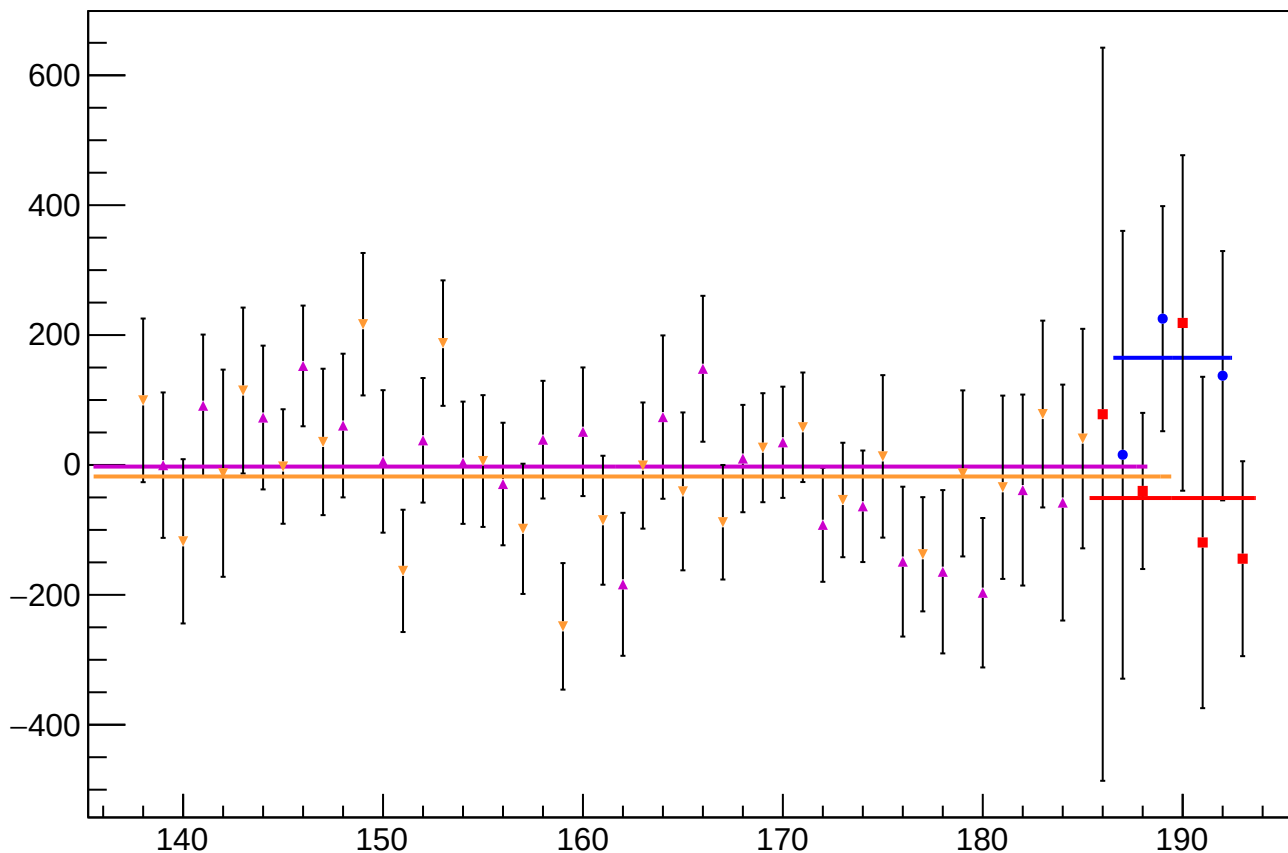
Left In: 297.696+/-0.051 χ^2/NDF :1274607.7/22

+ sign 300.914+/-0.050 χ^2/NDF : 2681078.4/27

All: 303.598+/-0.036 χ^2/NDF : 6661967.5/55

- sign 306.360+/-0.051 χ^2/NDF : 3975096.3/27

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 165.009 $\pm$ 120.511 χ^2 /NDF: 0.3/2

Left Out: -17.764 $\pm$ 21.121 χ^2 /NDF:25.5/24

Right Out: -50.929 $\pm$ 82.453 χ^2 /NDF: 1.6/4

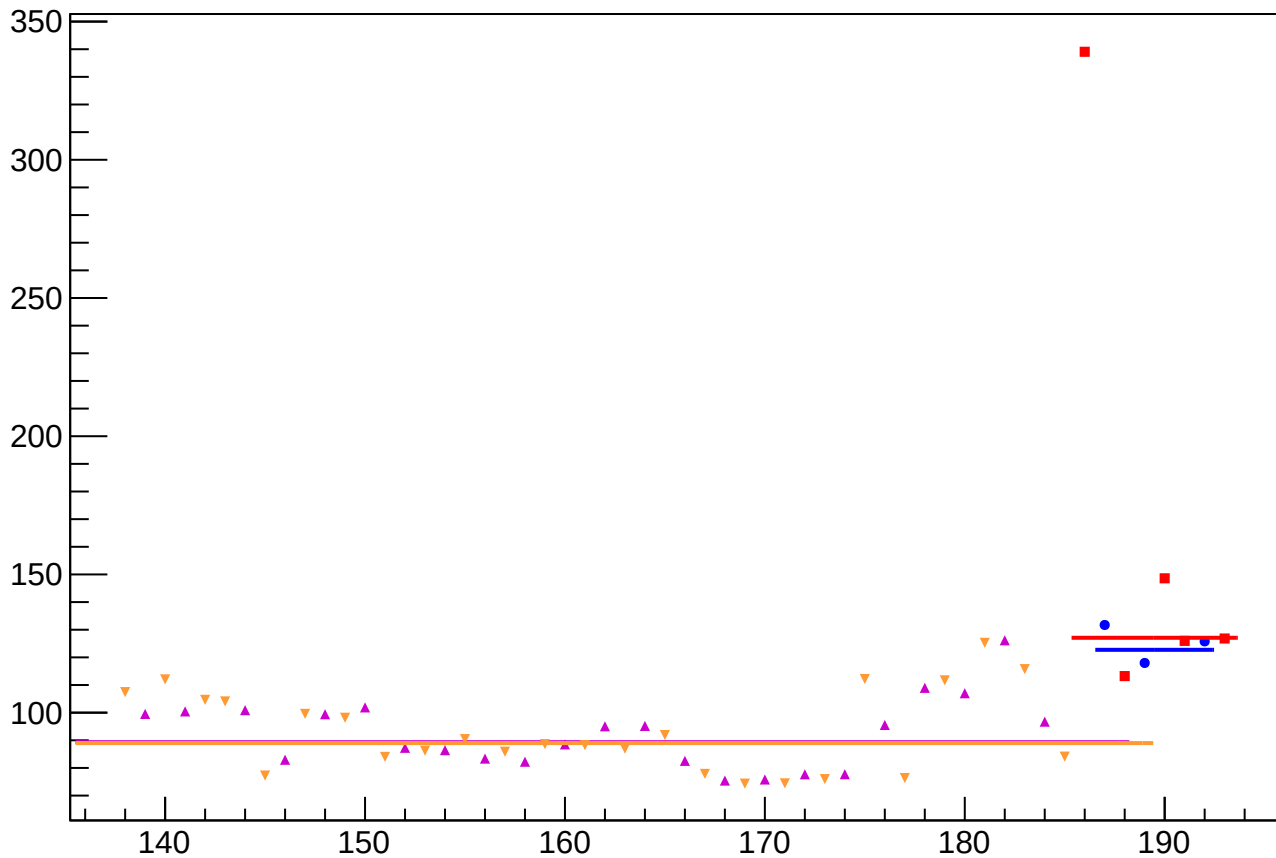
Left In: -2.505 $\pm$ 21.582 χ^2 /NDF:18.0/22

+ sign -12.317 $\pm$ 20.804 χ^2 /NDF: 28.1/27

All: -8.976 $\pm$ 14.737 χ^2 /NDF: 48.1/55

- sign -5.610 $\pm$ 20.879 χ^2 /NDF: 19.9/27

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 122.734 $\pm$ 0.085 χ^2/NDF : 3365.4/2

Left Out: 88.991 $\pm$ 0.015 χ^2/NDF : 807471.2/24

Right Out: 127.090 $\pm$ 0.058 χ^2/NDF : 322617.1/4

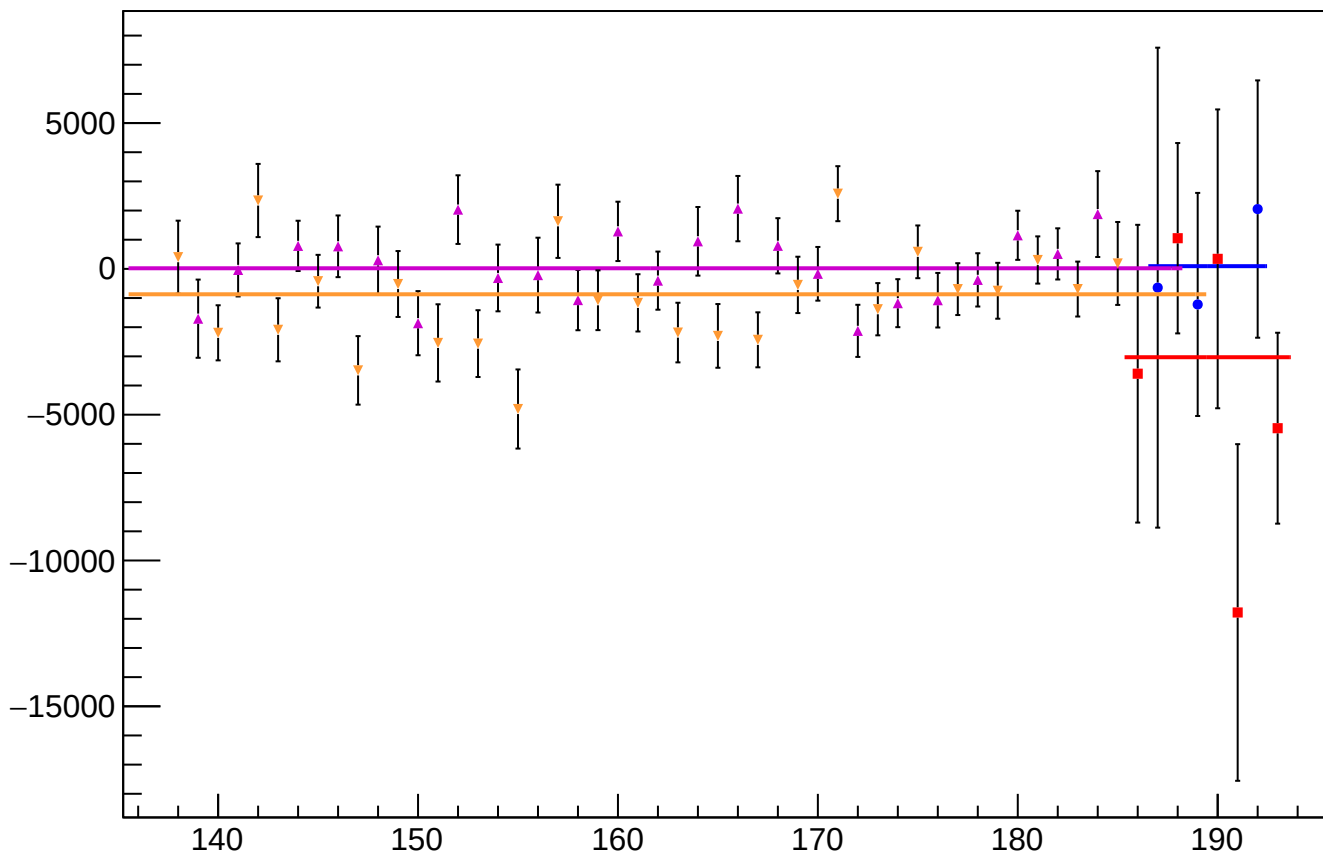
Left In: 89.321 $\pm$ 0.015 χ^2/NDF : 560433.9/22

+ sign 89.996 $\pm$ 0.015 χ^2/NDF : 962970.4/27

All: 90.867 $\pm$ 0.010 χ^2/NDF : 2245777.5/55

- sign 91.743 $\pm$ 0.015 χ^2/NDF : 1275781.9/27

asym_sam_24_68_dd_correction_mean vs Slug



Right In: 92.699 ± 2726.835 $\chi^2/\text{NDF}: 0.3/2$

Left Out: -871.061 ± 205.986 $\chi^2/\text{NDF}: 57.6/24$

Right Out: -3029.646 ± 1845.253 $\chi^2/\text{NDF}: 4.9/4$

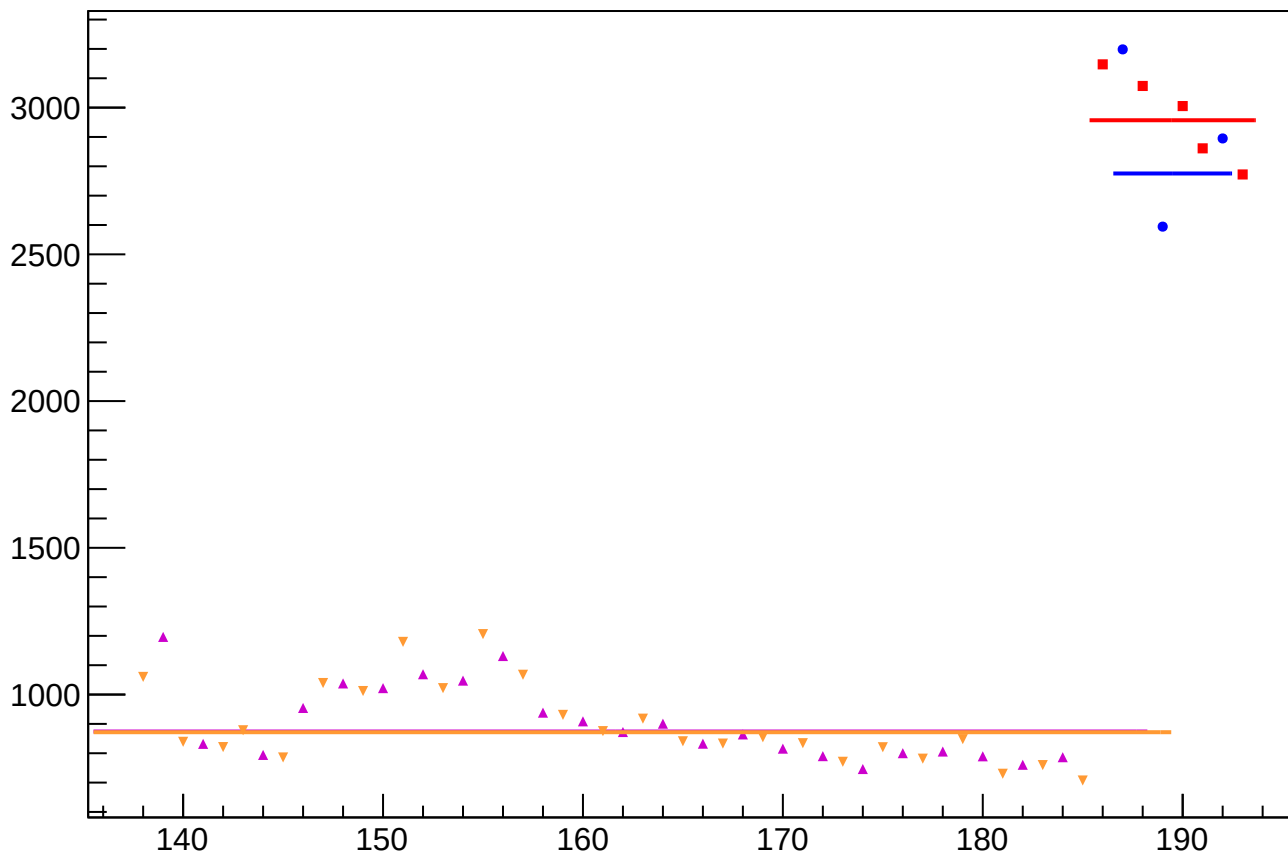
Left In: 20.573 ± 210.177 $\chi^2/\text{NDF}: 29.7/22$

+ sign -865.593 ± 205.400 $\chi^2/\text{NDF}: 58.1/27$

All: -449.048 ± 146.436 $\chi^2/\text{NDF}: 103.7/55$

- sign -18.492 ± 208.826 $\chi^2/\text{NDF}: 37.2/27$

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 2775.538 $\pm$ 1.928 χ^2 /NDF: 11228.9/2

Left Out: 871.690 $\pm$ 0.146 χ^2 /NDF: 642403.4/24

Right Out: 2956.930 $\pm$ 1.305 χ^2 /NDF: 12444.3/4

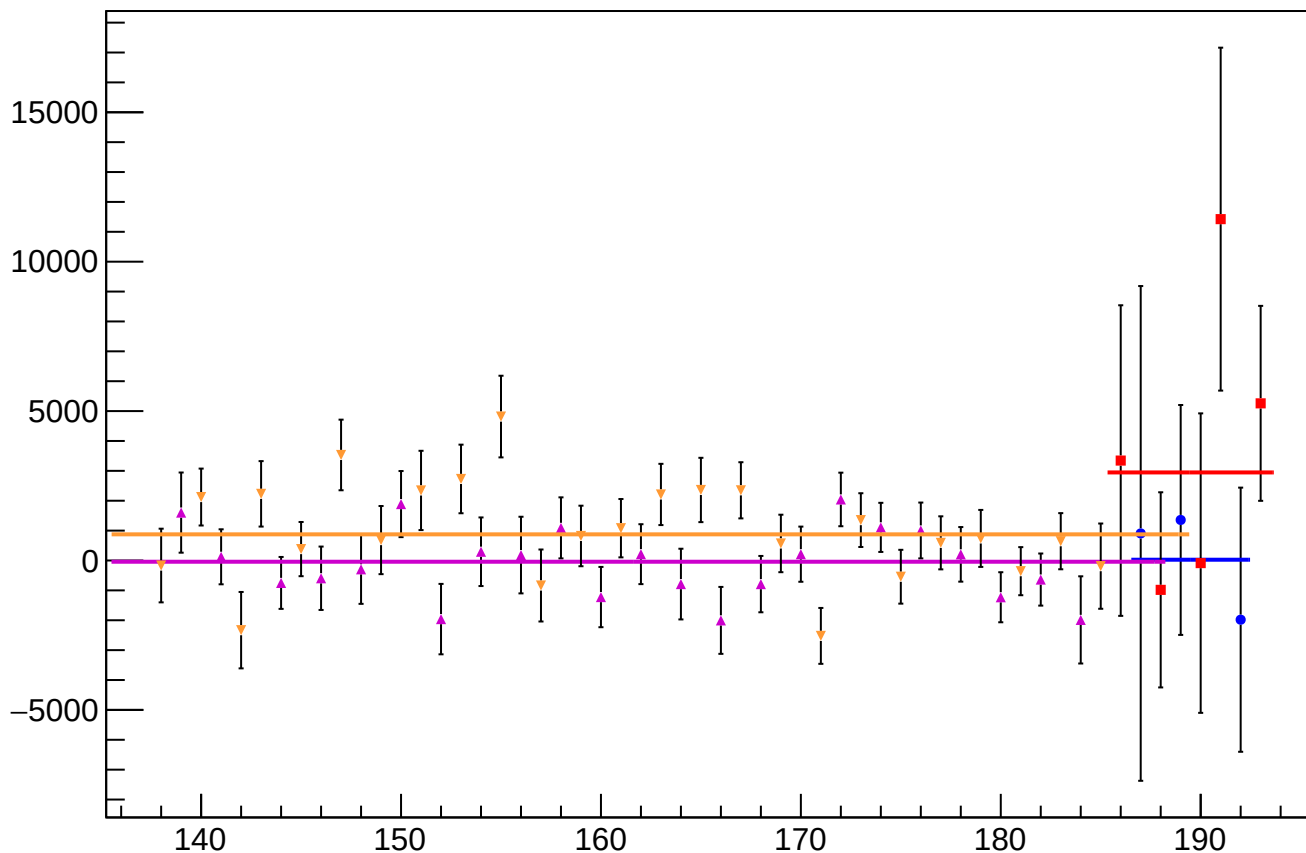
Left In: 874.055 $\pm$ 0.149 χ^2 /NDF: 578510.6/22

+ sign 882.493 $\pm$ 0.145 χ^2 /NDF: 1623038.3/27

All: 891.461 $\pm$ 0.104 χ^2 /NDF: 4737373.8/55

- sign 900.732 $\pm$ 0.148 χ^2 /NDF: 3106581.1/27

asym_sam_24_68_dd_mean vs Slug



Right In: 25.935 ± 2738.514 $\chi^2/\text{NDF}: 0.3/2$

Left Out: 875.084 ± 205.572 $\chi^2/\text{NDF}: 55.1/24$

Right Out: 2946.976 ± 1841.277 $\chi^2/\text{NDF}: 4.5/4$

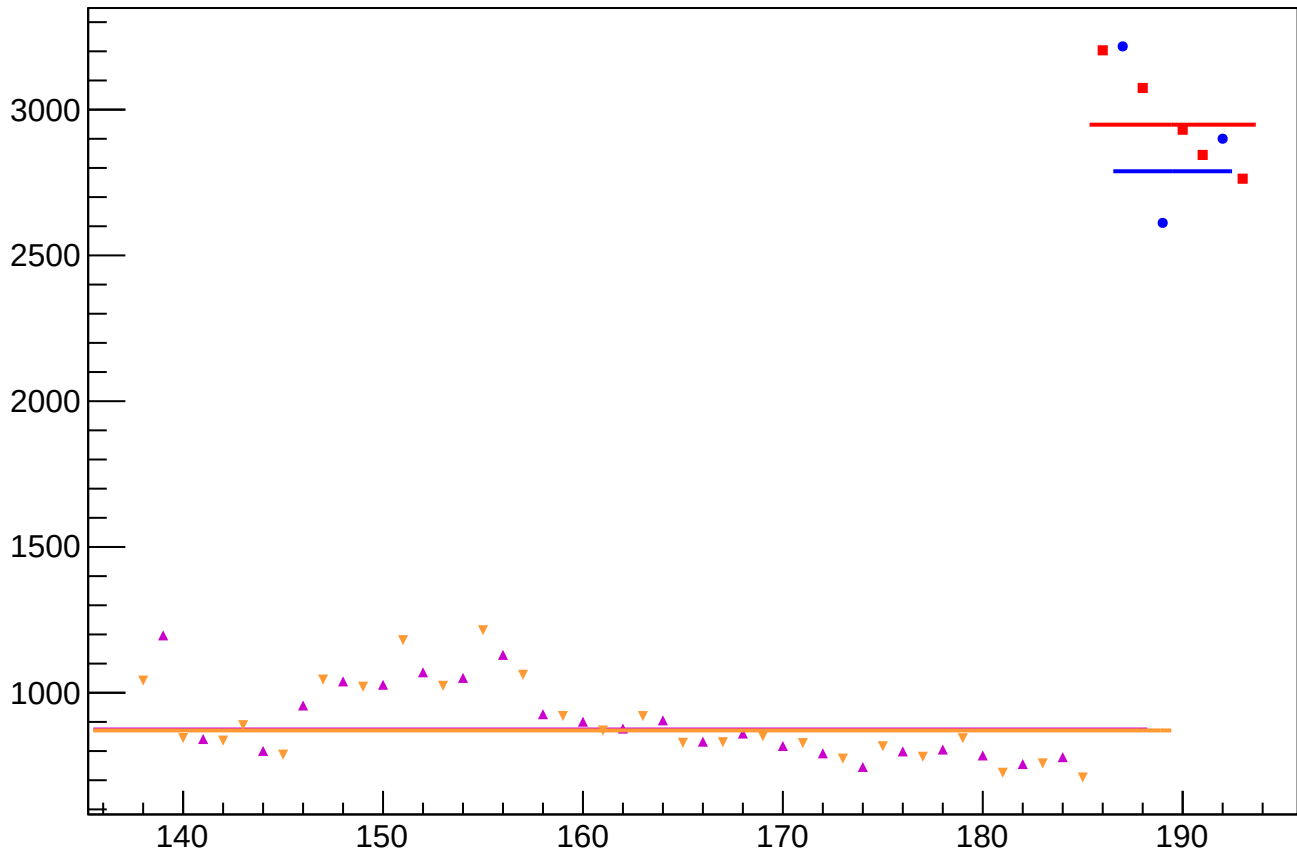
Left In: -41.523 ± 210.209 $\chi^2/\text{NDF}: 28.1/22$

+ sign 870.326 ± 204.995 $\chi^2/\text{NDF}: 55.5/27$

All: 441.765 ± 146.298 $\chi^2/\text{NDF}: 99.7/55$

- sign -3.073 ± 208.852 $\chi^2/\text{NDF}: 35.2/27$

asym_sam_24_68_dd_rms vs Slug



Right In: 2788.655+/-1.936 χ^2/NDF : 10862.3/2

Left Out: 870.853+/-0.145 χ^2/NDF : 651805.6/24

Right Out: 2948.396+/-1.302 χ^2/NDF : 14919.3/4

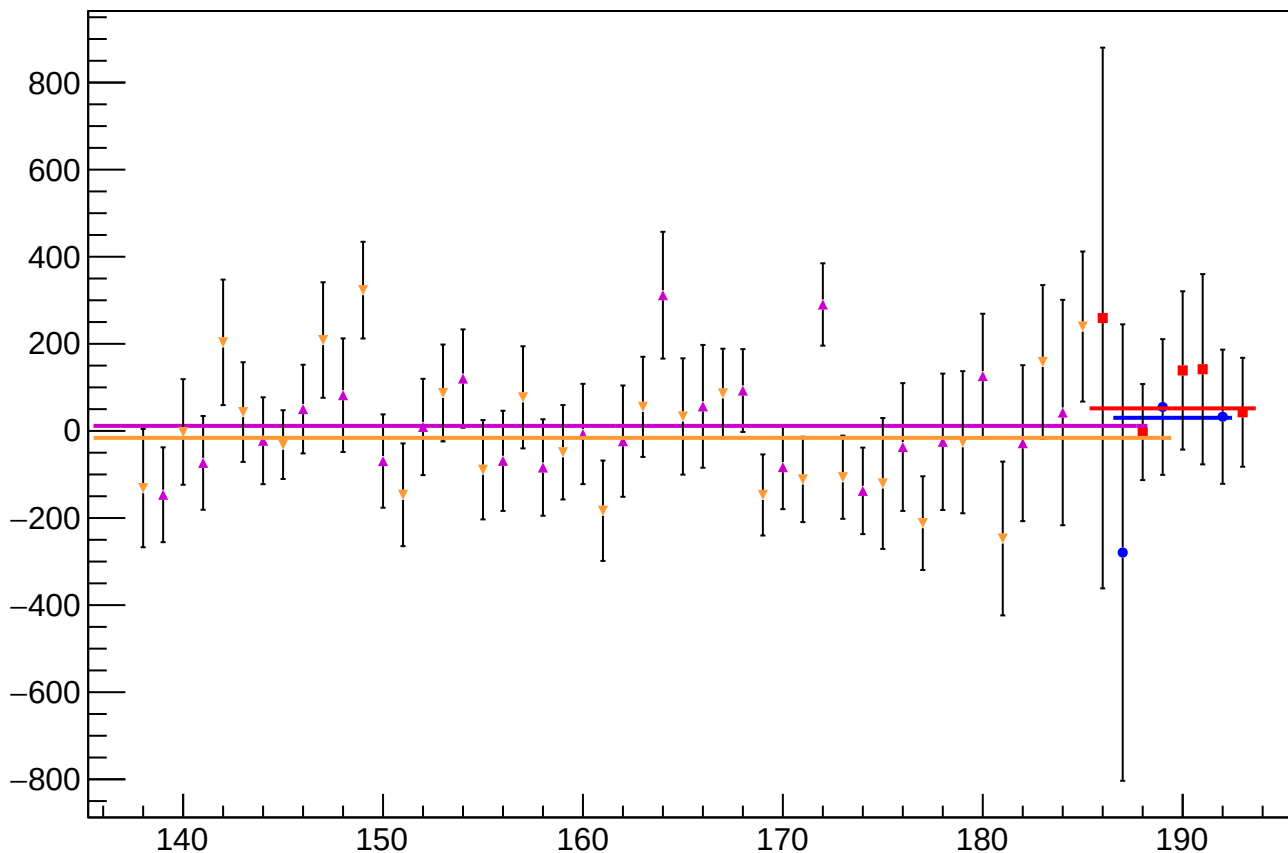
Left In: 873.902+/-0.149 χ^2/NDF : 583344.5/22

+ sign 881.599+/-0.145 χ^2/NDF : 1638033.2/27

All: 890.919+/-0.103 χ^2/NDF : 4750784.8/55

- sign 900.592+/-0.148 χ^2/NDF : 3104327.3/27

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 30.127 ± 107.228 χ^2/NDF : 0.4/2

Left Out: -15.956 ± 23.377 χ^2/NDF : 34.9/24

Right Out: 51.822 ± 70.693 χ^2/NDF : 0.8/4

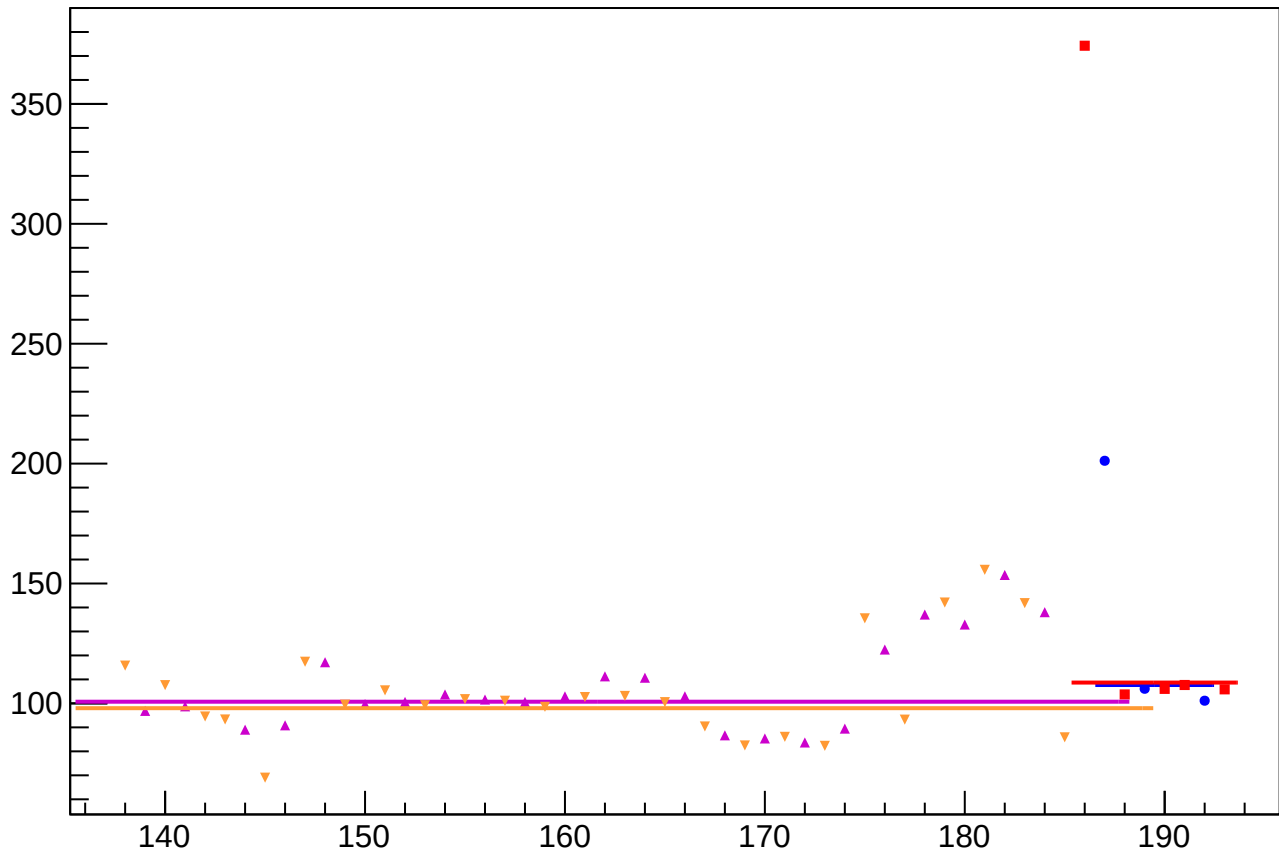
Left In: 11.570 ± 24.412 χ^2/NDF : 24.0/22

+ sign -13.865 ± 22.841 χ^2/NDF : 35.5/27

All: 0.845 ± 16.233 χ^2/NDF : 61.3/55

- sign 15.858 ± 23.075 χ^2/NDF : 25.0/27

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 107.667 $\pm$ 0.076 χ^2 /NDF: 67485.8/2

Left Out: 98.001 $\pm$ 0.017 χ^2 /NDF: 1155021.9/24

Right Out: 108.686 $\pm$ 0.050 χ^2 /NDF: 371556.3/4

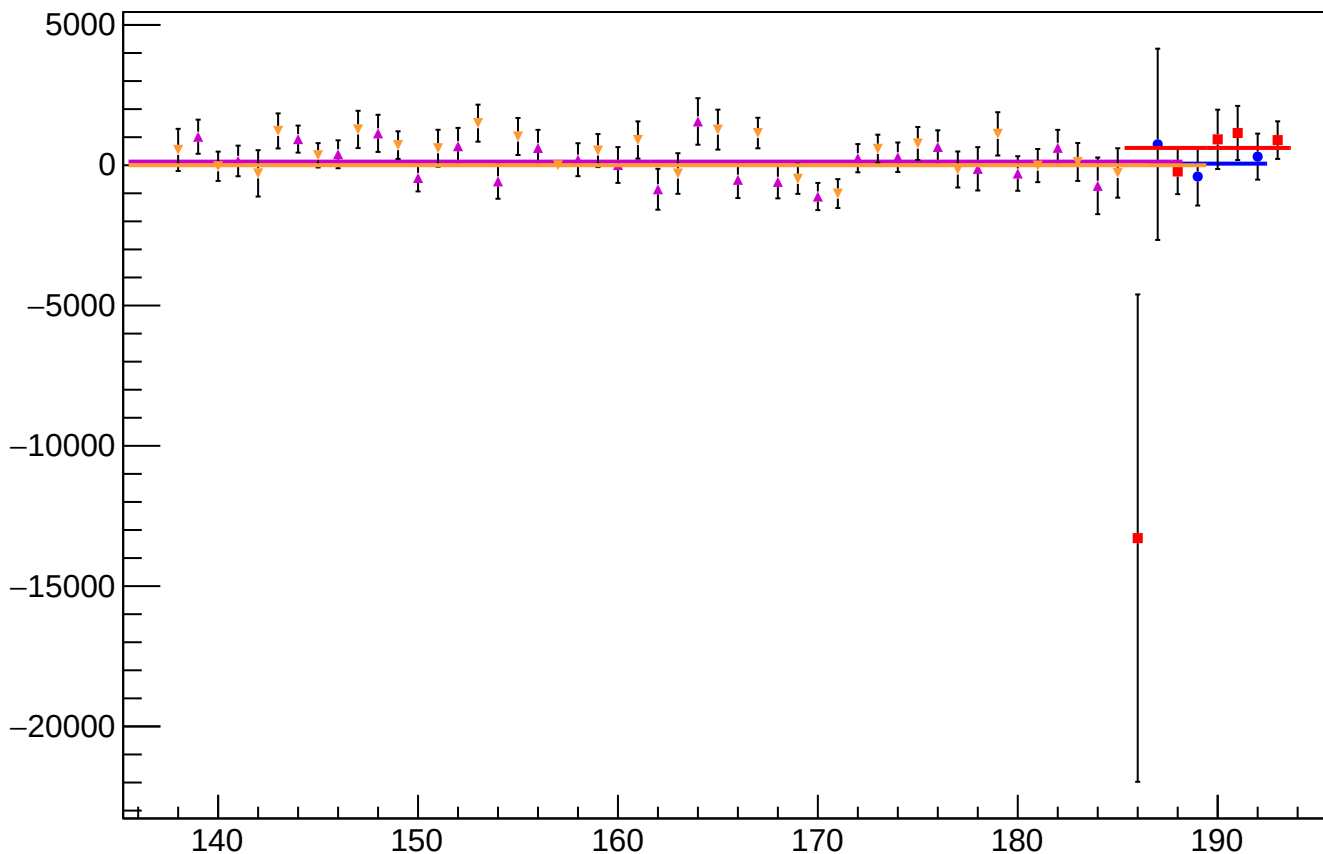
Left In: 100.704 $\pm$ 0.017 χ^2 /NDF: 759922.8/22

+ sign 98.440 $\pm$ 0.016 χ^2 /NDF: 1238021.6/27

All: 99.981 $\pm$ 0.011 χ^2 /NDF: 2410680.9/55

- sign 101.554 $\pm$ 0.016 χ^2 /NDF: 1154259.5/27

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 57.639 ± 631.222 χ^2/NDF : 0.3/2

Left Out: -0.000 ± 0.000 χ^2/NDF : 39.9/24

Right Out: 617.218 ± 417.503 χ^2/NDF : 4.2/4

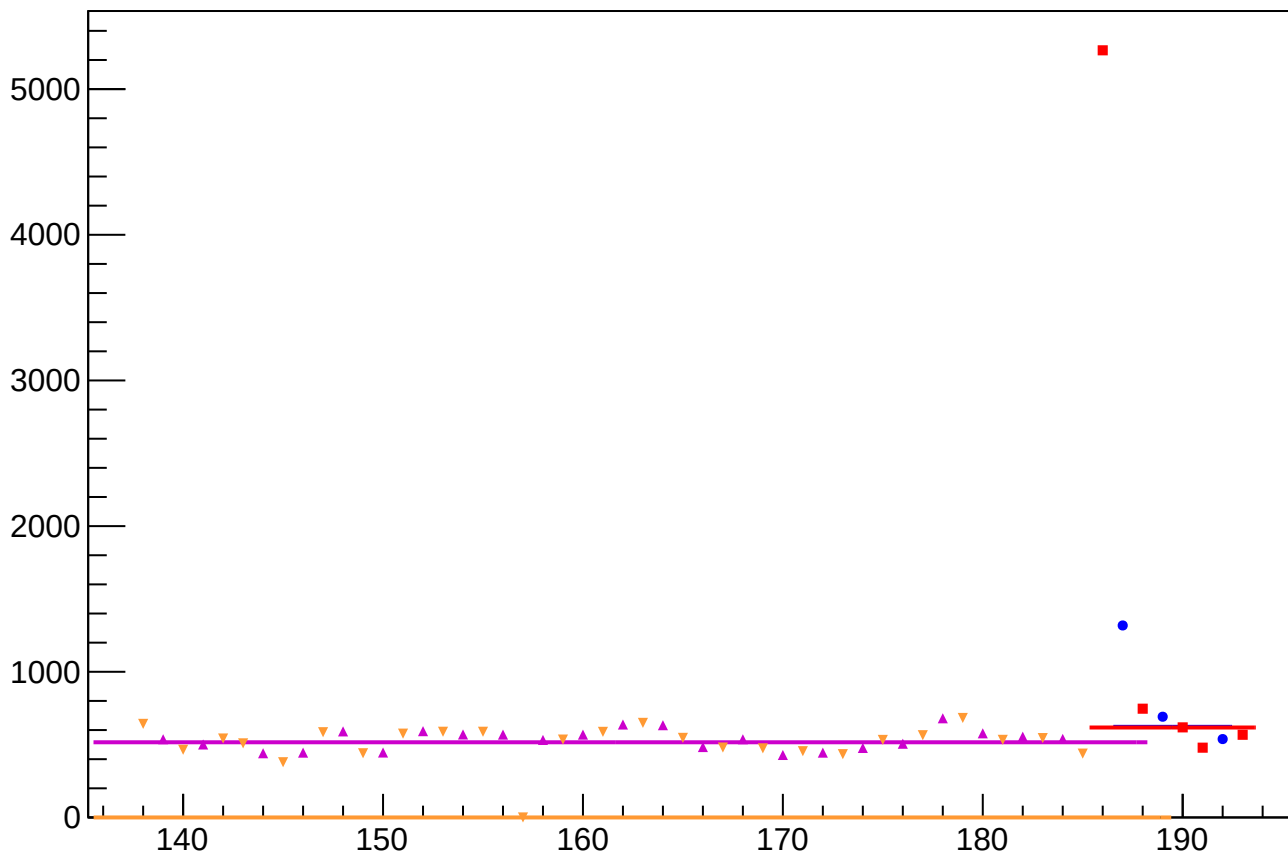
Left In: 129.094 ± 124.247 χ^2/NDF : 28.3/22

+ sign -0.000 ± 0.000 χ^2/NDF : 40.2/27

All: -0.000 ± 0.000 χ^2/NDF : 76.0/55

- sign 168.807 ± 119.085 χ^2/NDF : 33.8/27

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 622.060 $\pm$ 0.446 χ^2 /NDF: 113374.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 34974091.9/24

Right Out: 617.496 $\pm$ 0.295 χ^2 /NDF: 676270.2/4

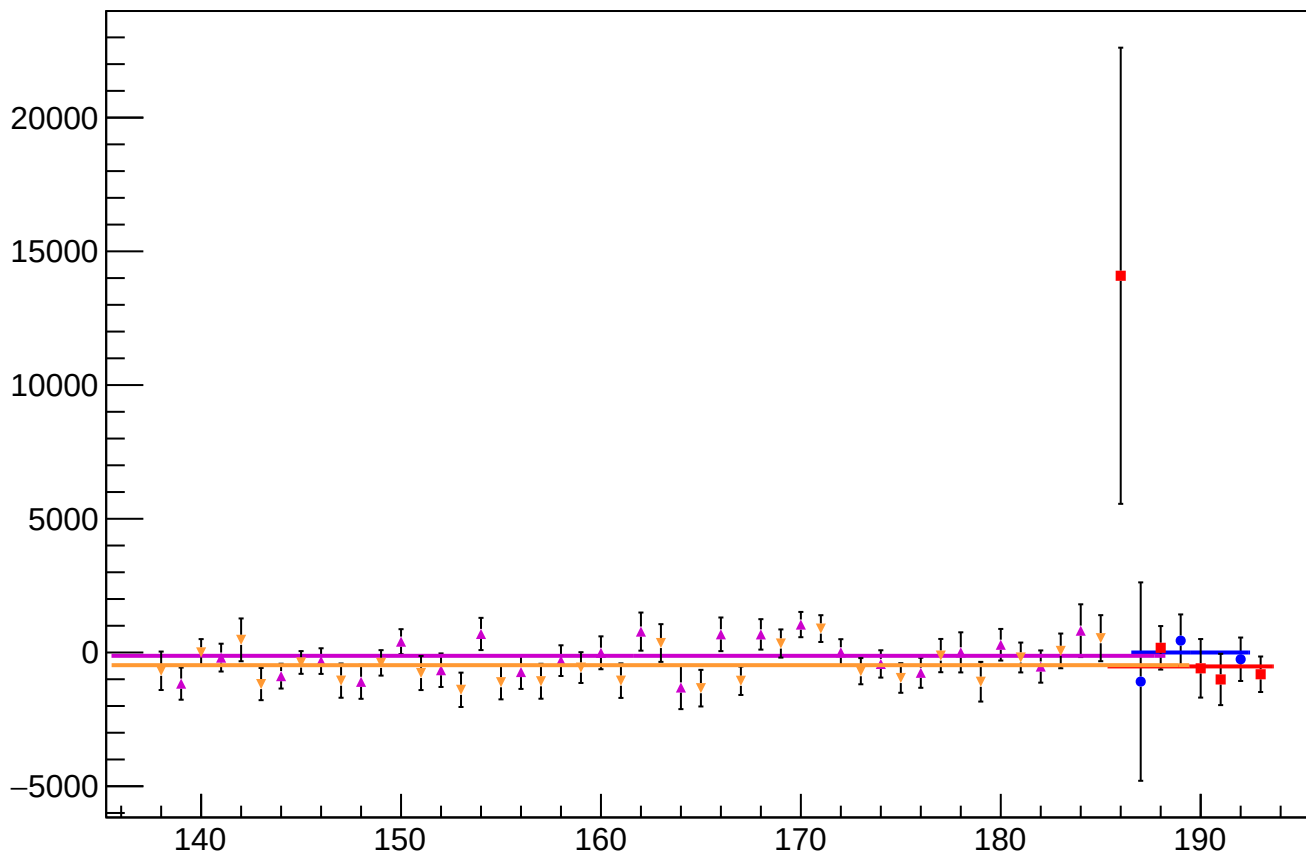
Left In: 516.120 $\pm$ 0.088 χ^2 /NDF: 571744.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 37029828.2/27

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 77164175.9/55

- sign 524.368 $\pm$ 0.084 χ^2 /NDF: 1356338.7/27

asym_sam_26_48_dd_mean vs Slug



Right In: 0.351 ± 616.586 χ^2/NDF : 0.4/2

Left Out: -473.870 ± 117.977 χ^2/NDF : 27.9/24

Right Out: -520.408 ± 418.325 χ^2/NDF : 4.1/4

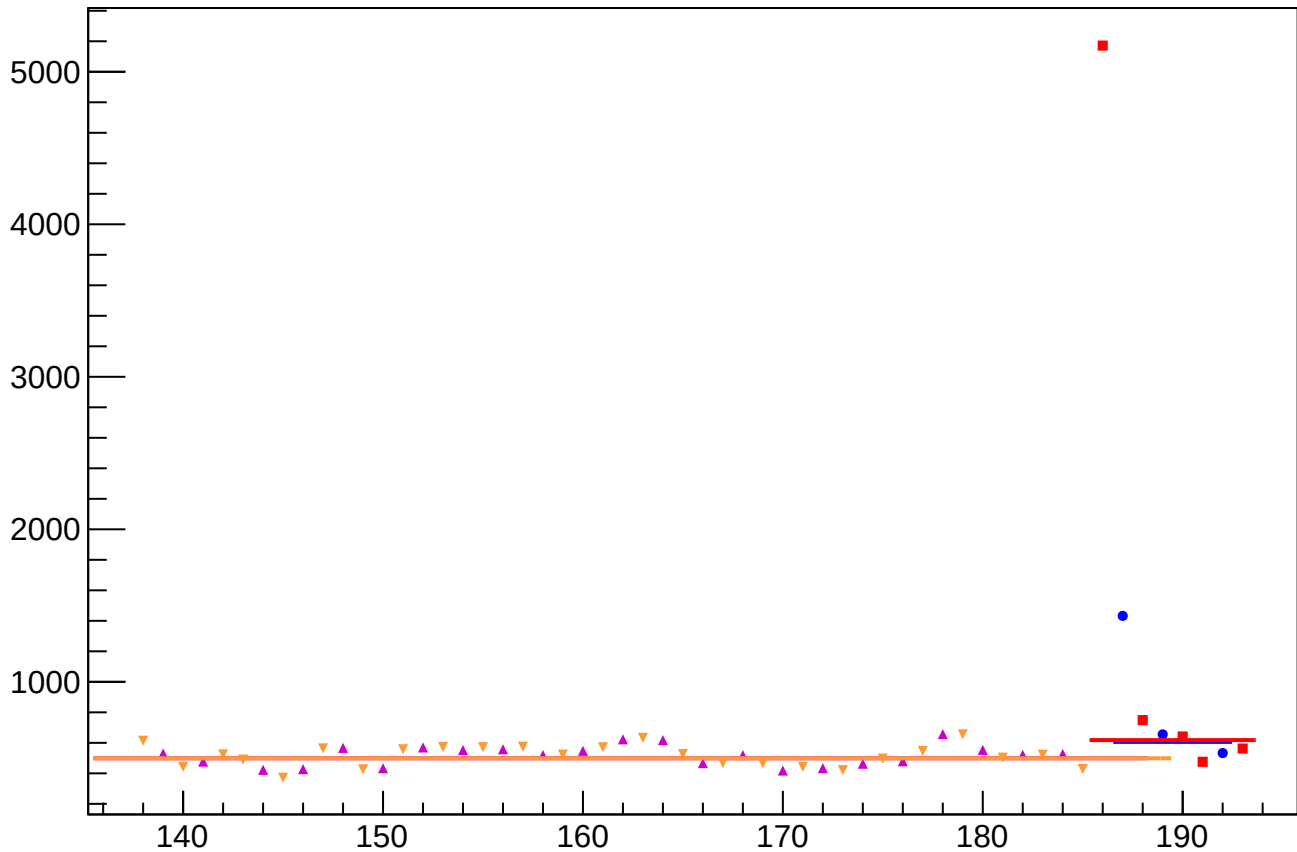
Left In: -124.022 ± 120.216 χ^2/NDF : 30.2/22

+ sign -457.122 ± 115.875 χ^2/NDF : 28.9/27

All: -305.252 ± 81.817 χ^2/NDF : 67.4/55

- sign -154.260 ± 115.540 χ^2/NDF : 35.1/27

asym_sam_26_48_dd_rms vs Slug



Right In: 606.403 $\pm$ 0.436 χ^2 /NDF: 120440.6/2

Left Out: 498.662 $\pm$ 0.083 χ^2 /NDF: 734652.4/24

Right Out: 618.026 $\pm$ 0.296 χ^2 /NDF: 680966.6/4

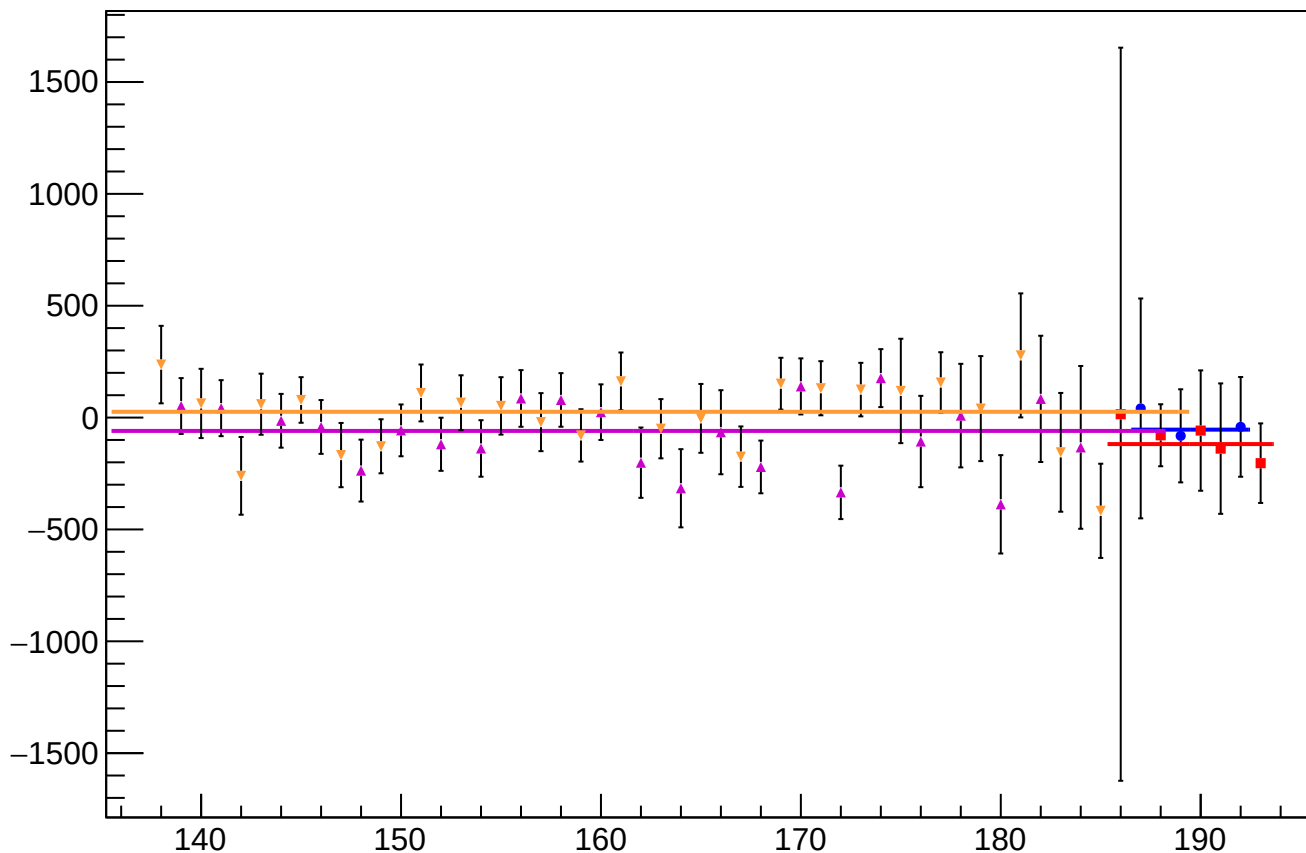
Left In: 498.835 $\pm$ 0.085 χ^2 /NDF: 572334.3/22

+ sign 502.468 $\pm$ 0.082 χ^2 /NDF: 914002.2/27

All: 505.205 $\pm$ 0.058 χ^2 /NDF: 2319508.6/55

- sign 507.927 $\pm$ 0.082 χ^2 /NDF: 1403279.8/27

dit_asym_sam_1548_avg_mean vs Slug



Right In: -53.879 ± 145.281 χ^2/NDF : 0.1/2

Left Out: 25.940 ± 28.120 χ^2/NDF : 22.7/24

Right Out: -118.449 ± 95.468 χ^2/NDF : 0.4/4

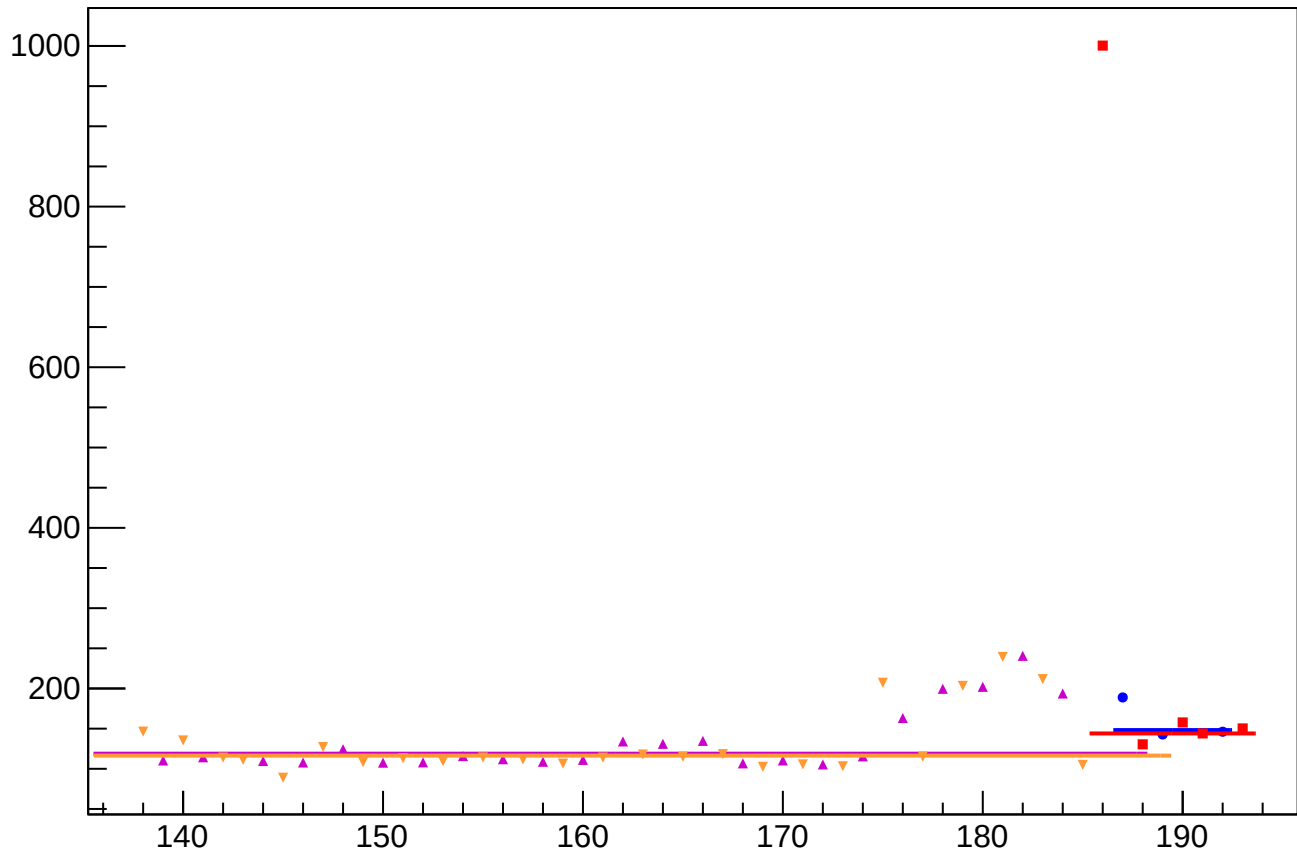
Left In: -59.603 ± 29.184 χ^2/NDF : 25.6/22

+ sign 23.057 ± 27.608 χ^2/NDF : 23.0/27

All: -20.313 ± 19.627 χ^2/NDF : 54.4/55

- sign -64.632 ± 27.909 χ^2/NDF : 26.4/27

dit_asym_sam_1548_avg_rms vs Slug



Right In: 148.202 $\pm$ 0.103 χ^2 /NDF: 15246.0/2

Left Out: 116.427 $\pm$ 0.020 χ^2 /NDF: 1589669.4/24

Right Out: 144.015 $\pm$ 0.068 χ^2 /NDF: 573243.5/4

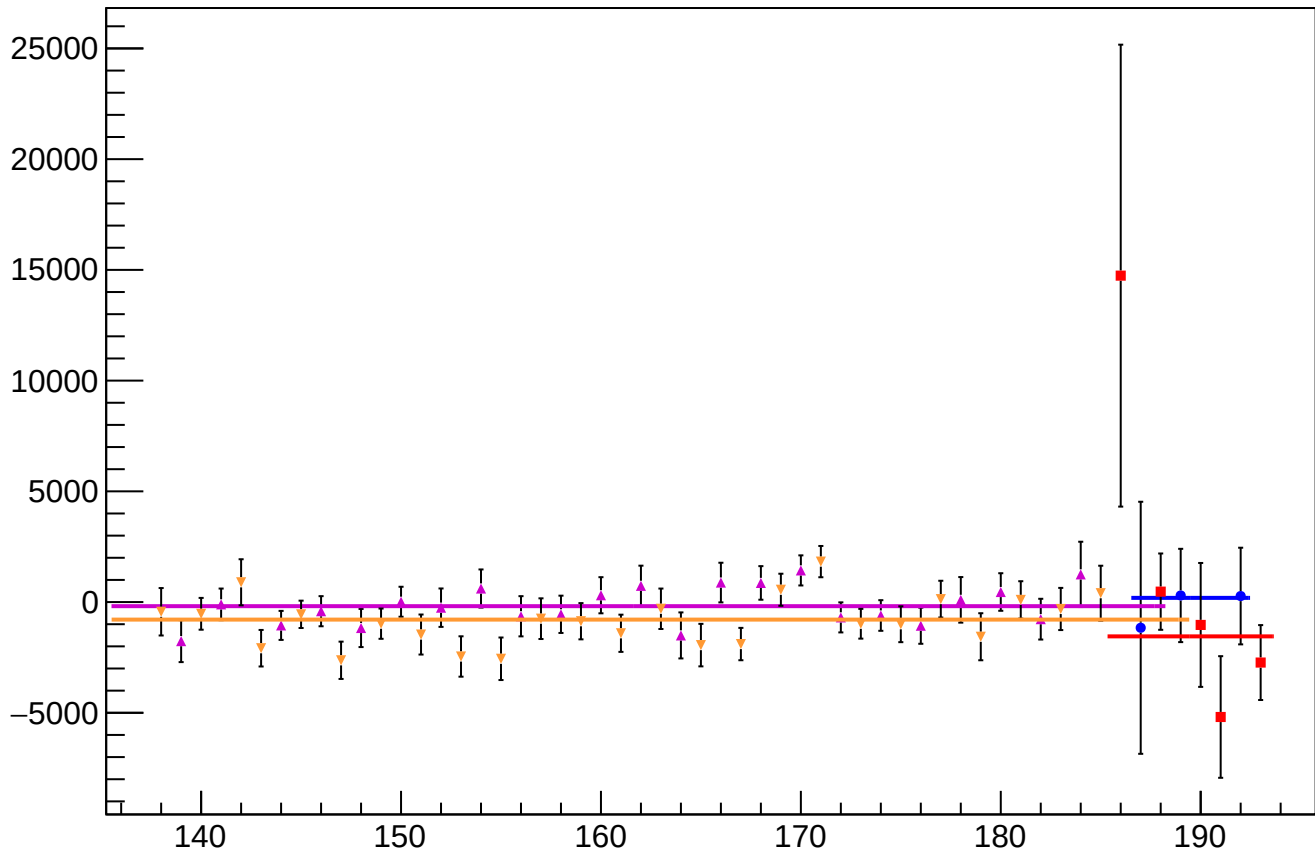
Left In: 118.822 $\pm$ 0.021 χ^2 /NDF: 1289178.7/22

+ sign 117.575 $\pm$ 0.020 χ^2 /NDF: 1697129.1/27

All: 119.256 $\pm$ 0.014 χ^2 /NDF: 3701924.6/55

- sign 120.975 $\pm$ 0.020 χ^2 /NDF: 1989792.3/27

asym_sam_1548_avg_correction_mean vs Slug



Right In: 189.522 ± 1464.575 χ^2/NDF : 0.1/2

Left Out: -791.963 ± 165.971 χ^2/NDF : 43.6/24

Right Out: -1549.213 ± 1022.779 χ^2/NDF : 6.1/4

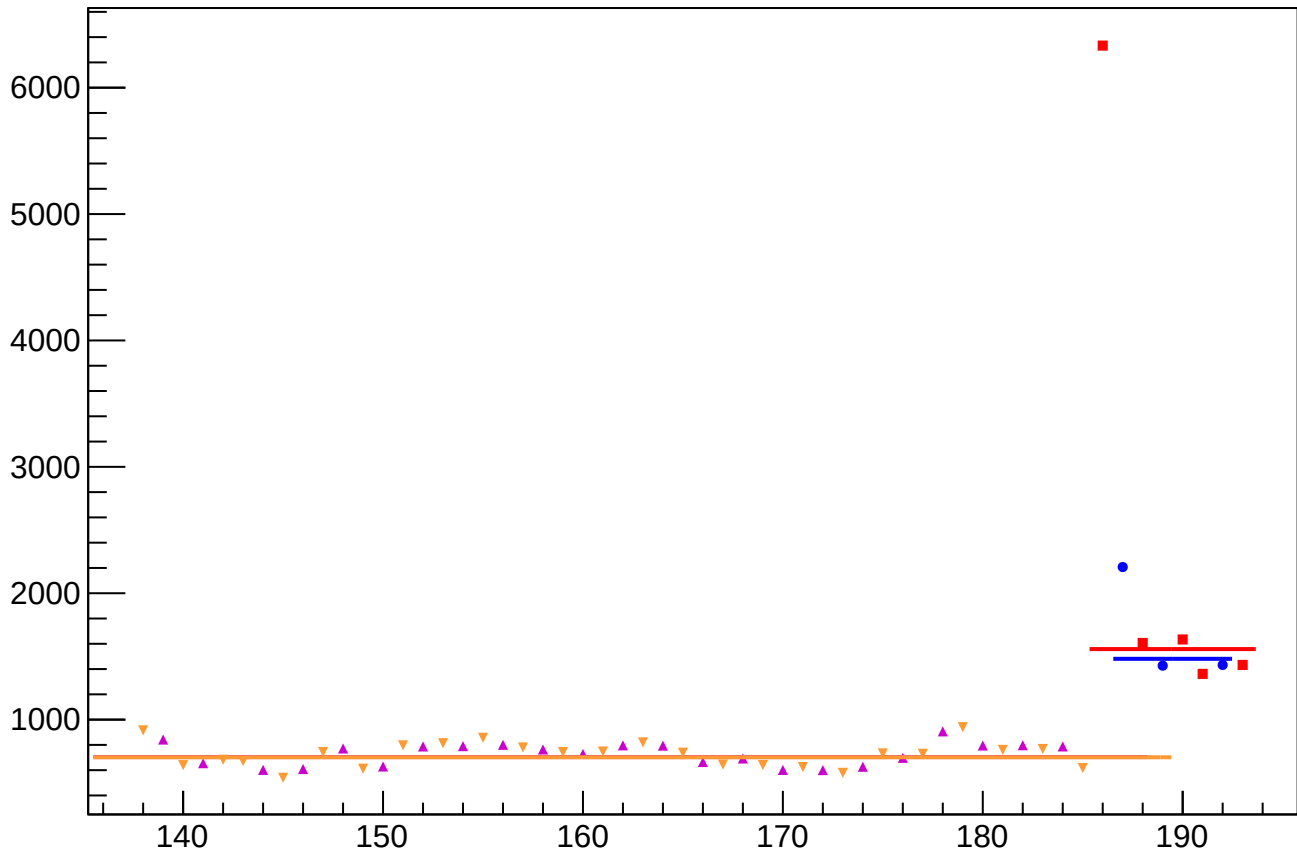
Left In: -185.191 ± 169.174 χ^2/NDF : 23.4/22

+ sign -779.518 ± 164.915 χ^2/NDF : 44.1/27

All: -503.865 ± 117.310 χ^2/NDF : 81.0/55

- sign -221.516 ± 166.906 χ^2/NDF : 31.3/27

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1481.085 $\pm$ 1.036 χ^2 /NDF: 34870.3/2

Left Out: 702.152 $\pm$ 0.117 χ^2 /NDF: 691552.2/24

Right Out: 1558.161 $\pm$ 0.723 χ^2 /NDF: 443460.6/4

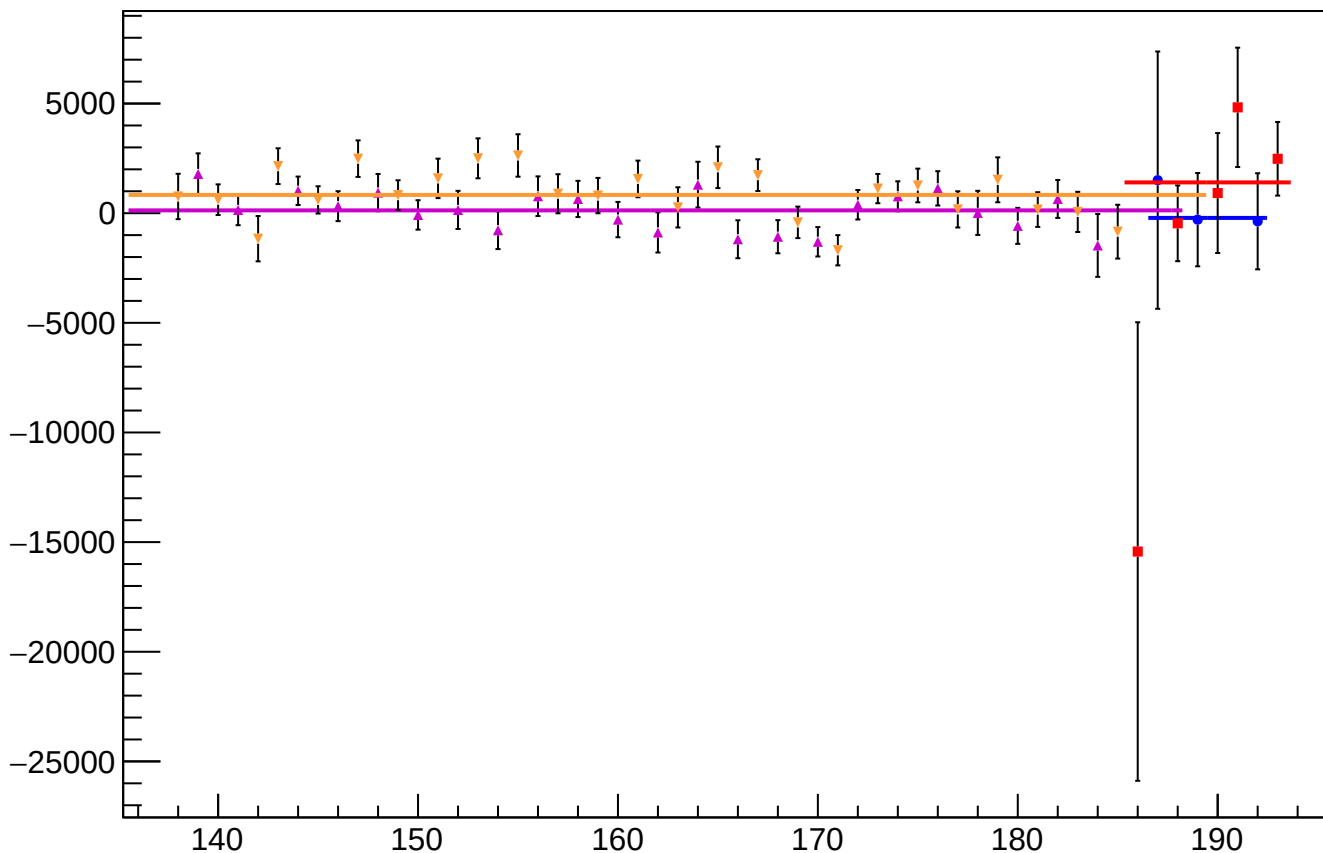
Left In: 703.710 $\pm$ 0.120 χ^2 /NDF: 533573.3/22

+ sign 712.028 $\pm$ 0.117 χ^2 /NDF: 1284976.5/27

All: 719.160 $\pm$ 0.083 χ^2 /NDF: 3628264.9/55

- sign 726.464 $\pm$ 0.118 χ^2 /NDF: 2335717.8/27

asym_sam_1548_avg_mean vs Slug



Right In: -214.933 ± 1477.073 χ^2/NDF : 0.1/2

Left Out: 832.553 ± 163.428 χ^2/NDF : 43.8/24

Right Out: 1403.992 ± 1016.654 χ^2/NDF : 5.8/4

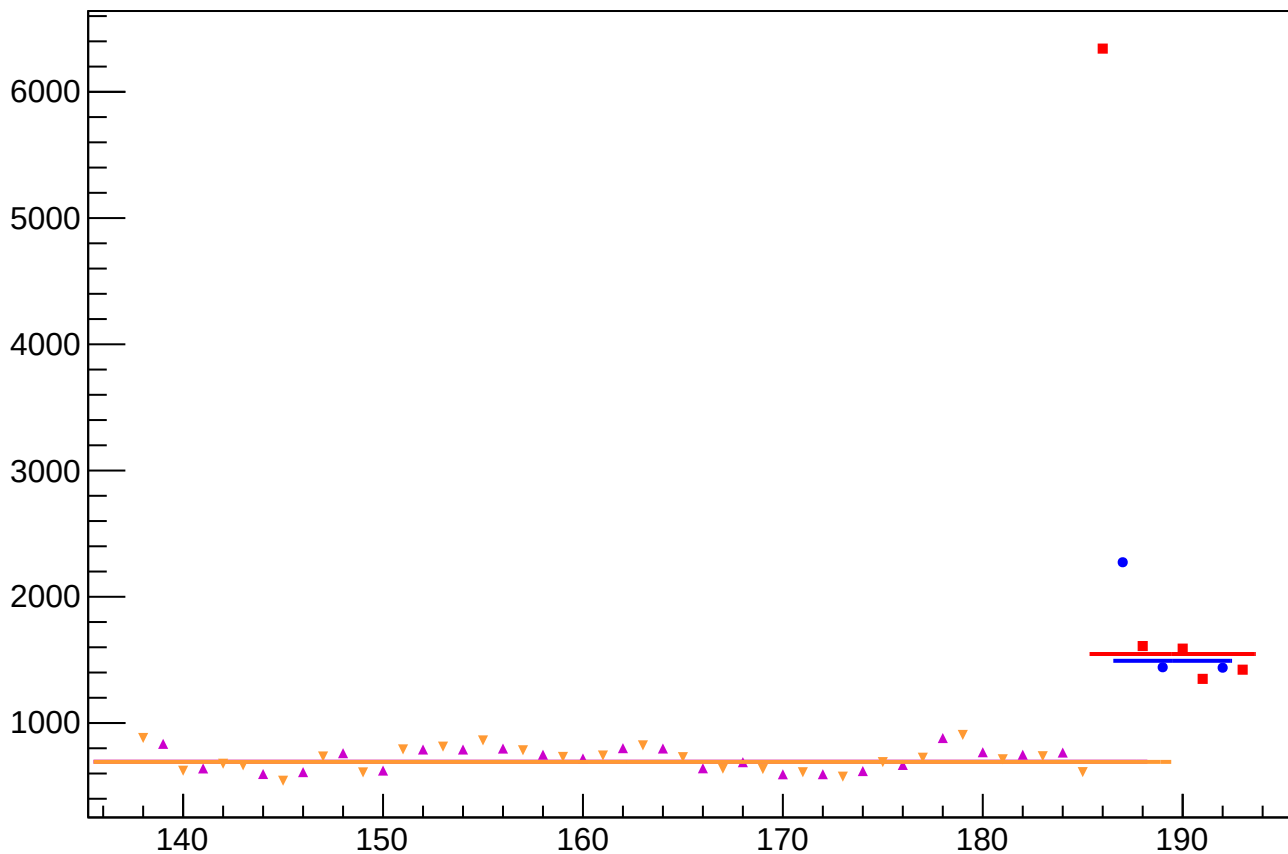
Left In: 128.120 ± 166.866 χ^2/NDF : 25.3/22

+ sign 819.885 ± 162.437 χ^2/NDF : 44.4/27

All: 495.216 ± 115.639 χ^2/NDF : 85.1/55

- sign 161.589 ± 164.662 χ^2/NDF : 32.6/27

asym_sam_1548_avg_rms vs Slug



Right In: 1492.848+/-1.044 χ^2/NDF : 37815.1/2

Left Out: 692.071+/-0.116 χ^2/NDF : 657636.6/24

Right Out: 1546.738+/-0.719 χ^2/NDF : 445334.9/4

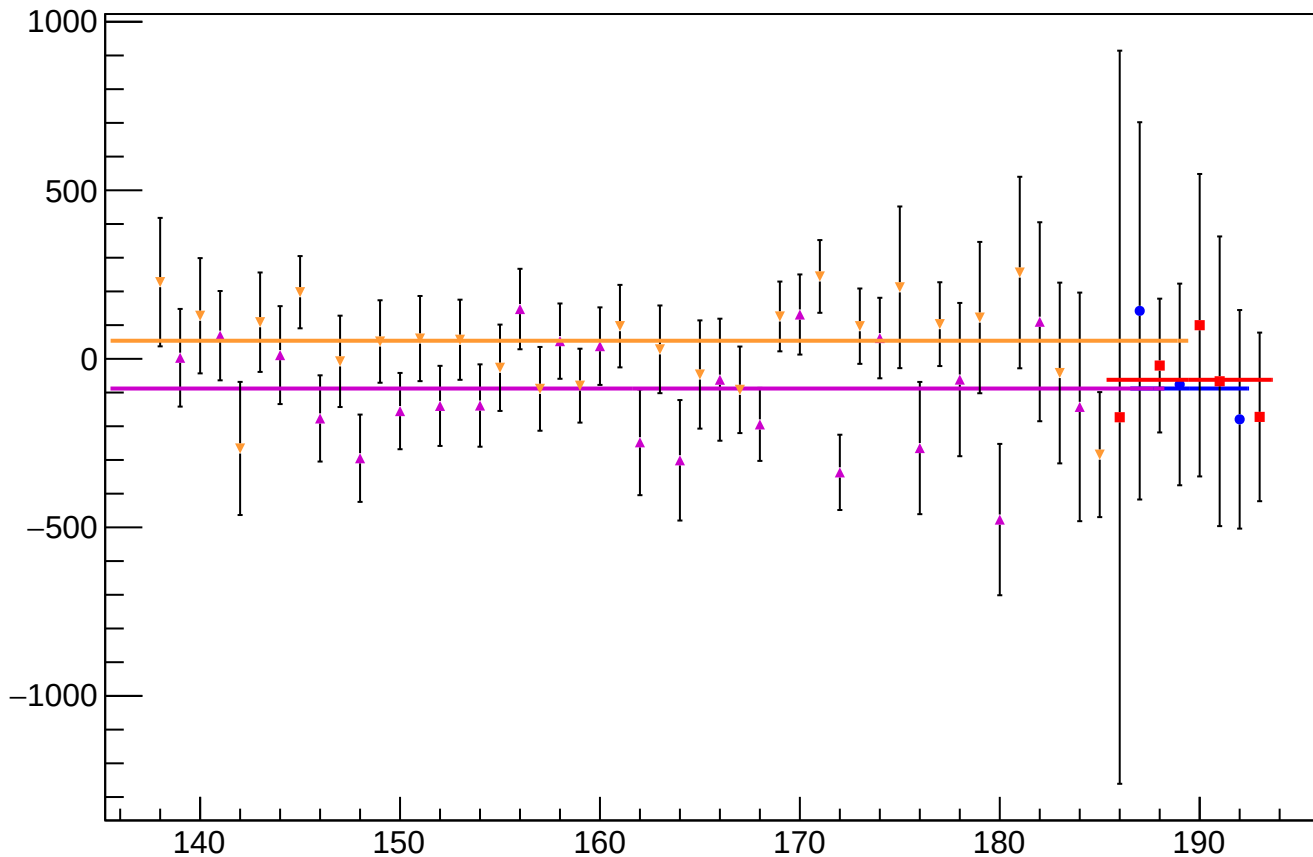
Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

+ sign 701.755+/-0.115 χ^2/NDF : 1276169.8/27

All: 708.778+/-0.082 χ^2/NDF : 3621172.0/55

- sign 715.995+/-0.116 χ^2/NDF : 2337421.6/27

dit_asym_sam_3748_avg_mean vs Slug



Right In: -88.018 ± 204.626 χ^2/NDF : 0.3/2

Left Out: 53.701 ± 27.462 χ^2/NDF : 19.2/24

Right Out: -62.189 ± 137.871 χ^2/NDF : 0.4/4

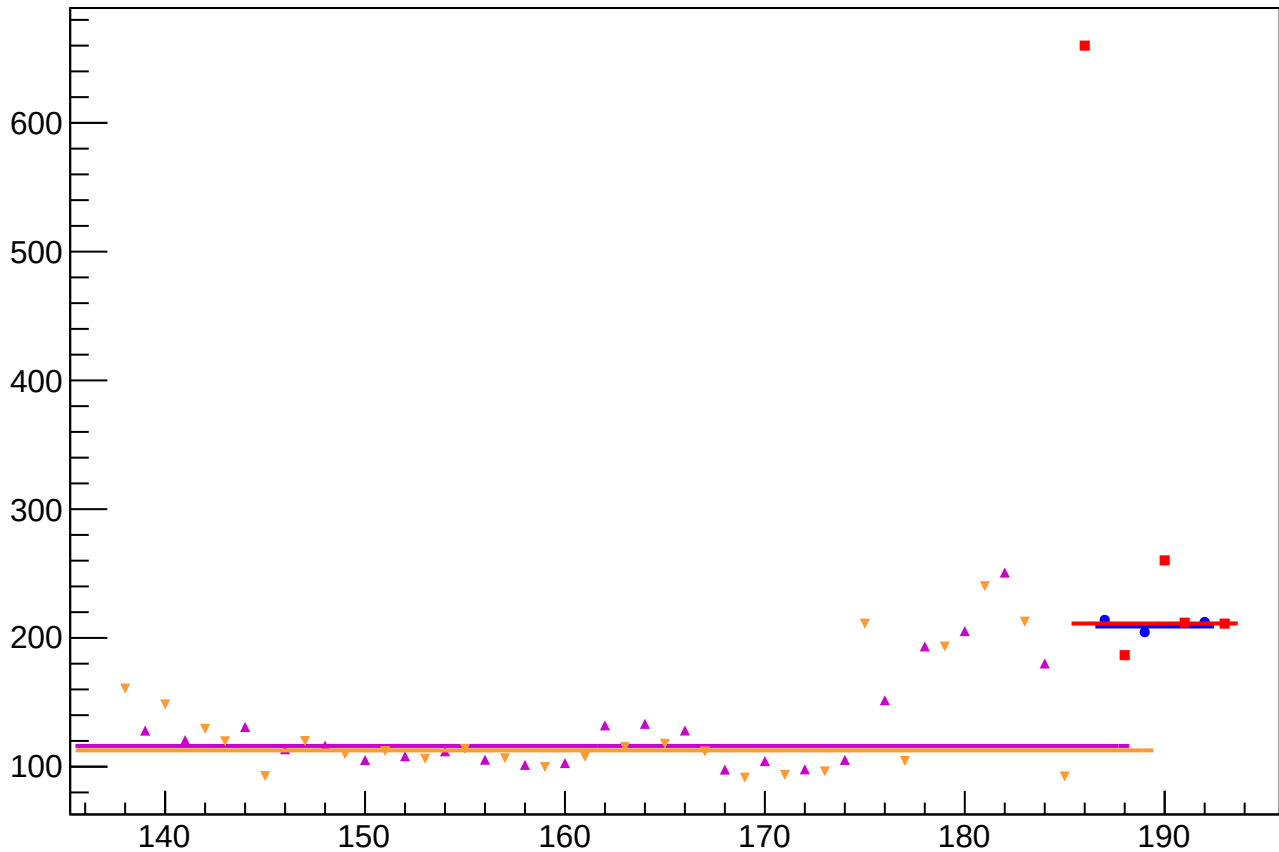
Left In: -88.085 ± 28.764 χ^2/NDF : 30.4/22

+ sign 51.194 ± 27.218 χ^2/NDF : 19.9/27

All: -15.562 ± 19.570 χ^2/NDF : 63.2/55

- sign -87.004 ± 28.157 χ^2/NDF : 30.8/27

dit_asym_sam_3748_avg_rms vs Slug



Right In: 208.898 $\pm$ 0.145 χ^2/NDF : 846.9/2

Left Out: 112.668 $\pm$ 0.019 χ^2/NDF : 1851455.7/24

Right Out: 211.216 $\pm$ 0.097 χ^2/NDF : 395179.4/4

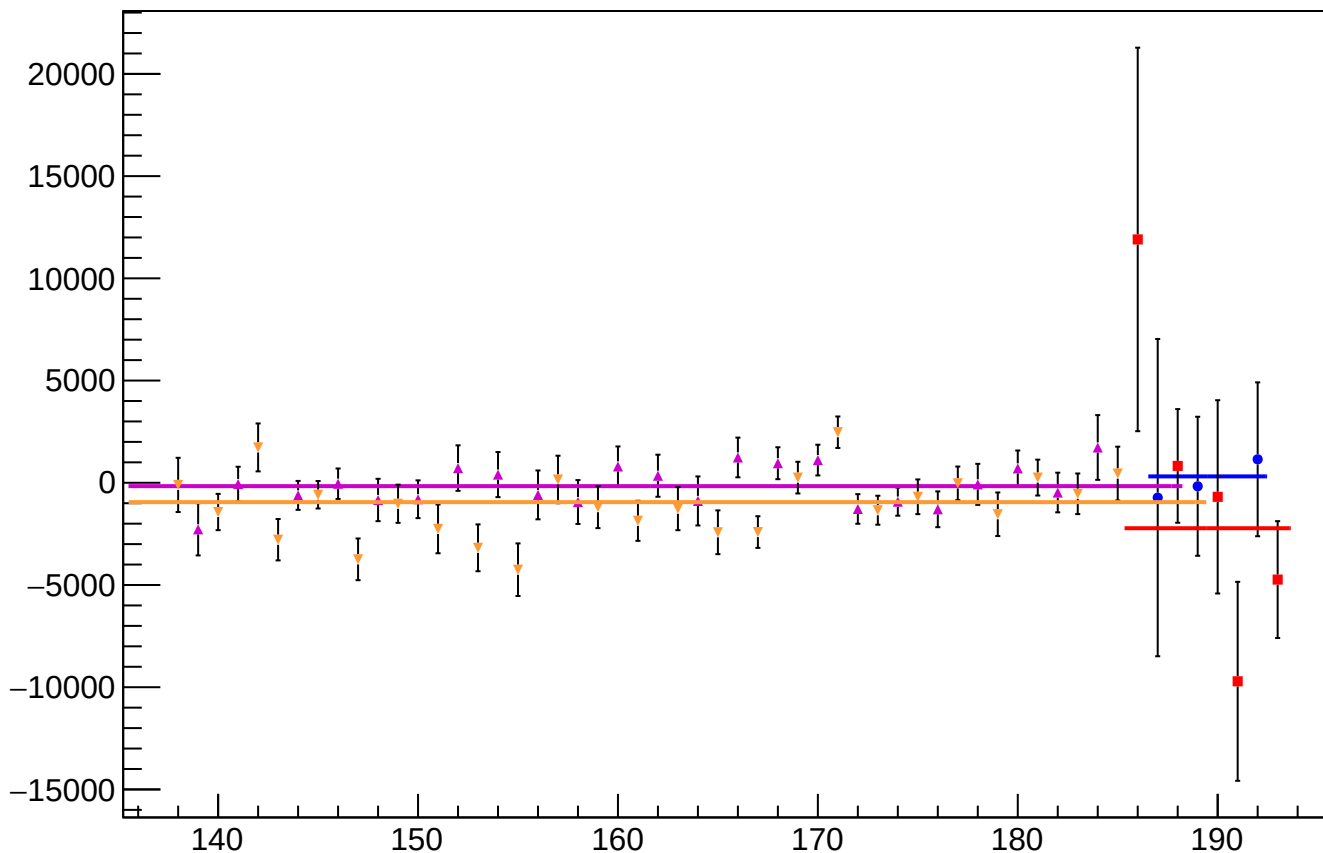
Left In: 116.108 $\pm$ 0.020 χ^2/NDF : 1438879.3/22

+ sign 114.371 $\pm$ 0.019 χ^2/NDF : 2286788.3/27

All: 117.126 $\pm$ 0.014 χ^2/NDF : 5075334.8/55

- sign 120.075 $\pm$ 0.020 χ^2/NDF : 2746116.1/27

asym_sam_3748_avg_correction_mean vs Slug



Right In: 312.440 $\pm$ 2399.491 χ^2 /NDF: 0.1/2

Left Out: -946.412 $\pm$ 188.668 χ^2 /NDF:63.3/24

Right Out: -2223.143 $\pm$ 1689.748 χ^2 /NDF: 6.7/4

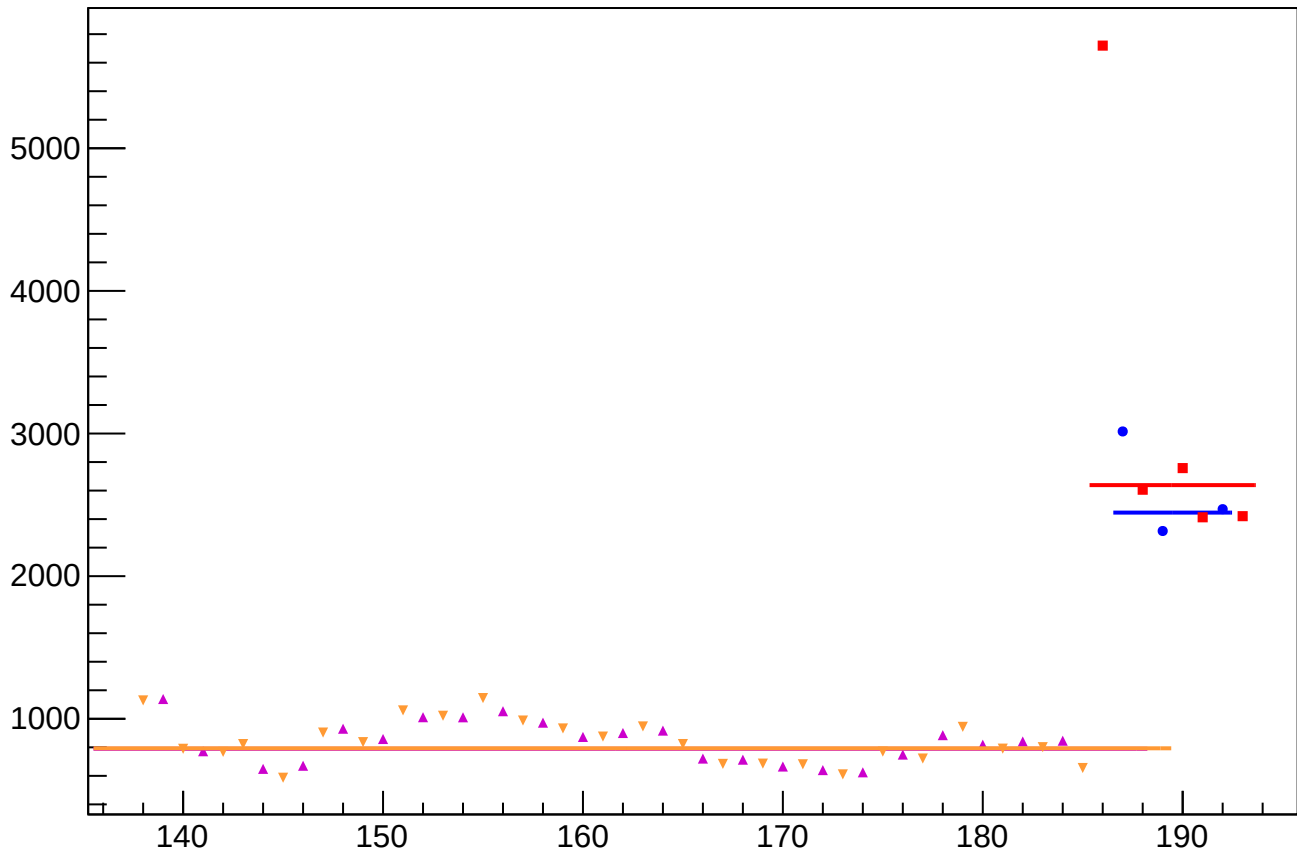
Left In: -164.202 $\pm$ 191.131 χ^2 /NDF:22.0/22

+ sign -938.677 $\pm$ 188.088 χ^2 /NDF: 63.7/27

All: -568.072 $\pm$ 133.641 χ^2 /NDF: 101.7/55

- sign -190.212 $\pm$ 189.920 χ^2 /NDF: 30.2/27

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2445.674+/-1.697 χ^2/NDF : 13710.3/2

Left Out: 793.154+/-0.133 χ^2/NDF : 1158856.1/24

Right Out: 2638.354+/-1.195 χ^2/NDF : 233272.2/4

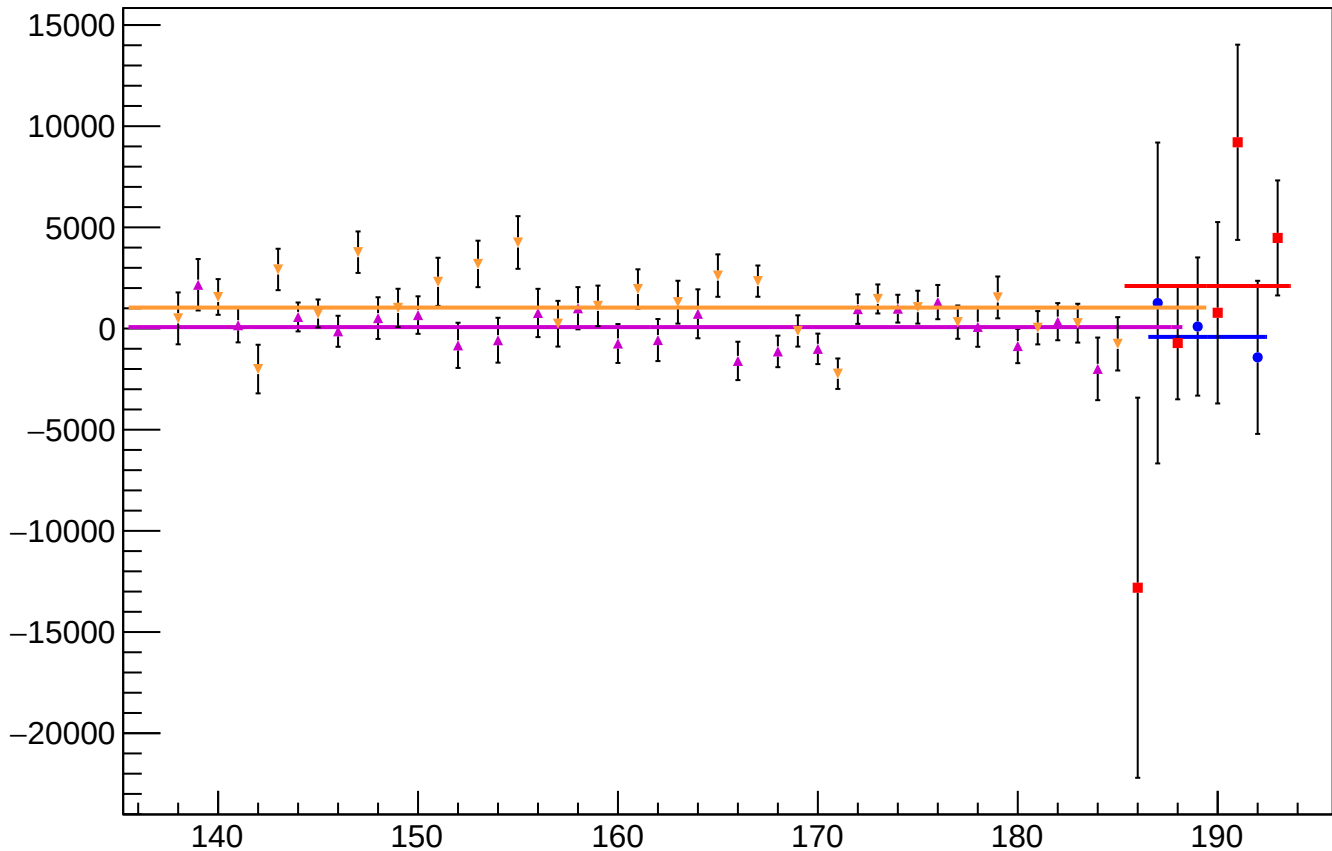
Left In: 789.699+/-0.135 χ^2/NDF : 1019959.0/22

+ sign 803.308+/-0.133 χ^2/NDF : 2115342.0/27

All: 808.133+/-0.094 χ^2/NDF : 5734844.3/55

- sign 813.052+/-0.134 χ^2/NDF : 3616844.4/27

asym_sam_3748_avg_mean vs Slug



Right In: -413.499 ± 2414.839 χ^2/NDF : 0.1/2

Left Out: 1035.605 ± 187.244 χ^2/NDF : 61.4/24

Right Out: 2101.546 ± 1673.288 χ^2/NDF : 6.5/4

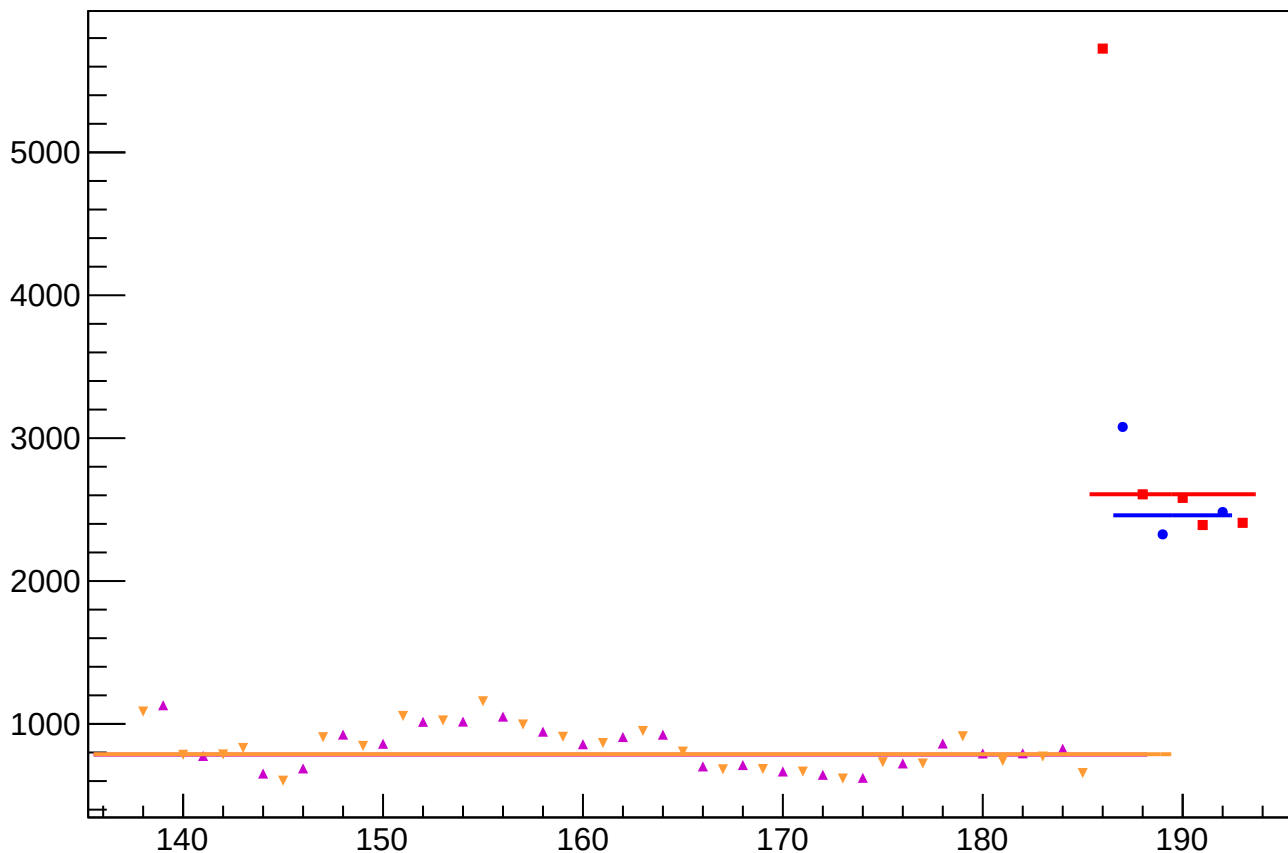
Left In: 70.852 ± 190.155 χ^2/NDF : 23.4/22

+ sign 1026.944 ± 186.683 χ^2/NDF : 61.9/27

All: 567.430 ± 132.795 χ^2/NDF : 105.5/55

- sign 96.742 ± 188.939 χ^2/NDF : 31.3/27

asym_sam_3748_avg_rms vs Slug



Right In: 2460.045+/-1.708 χ^2/NDF : 15294.5/2

Left Out: 787.981+/-0.132 χ^2/NDF : 1113986.0/24

Right Out: 2607.390+/-1.183 χ^2/NDF : 234414.6/4

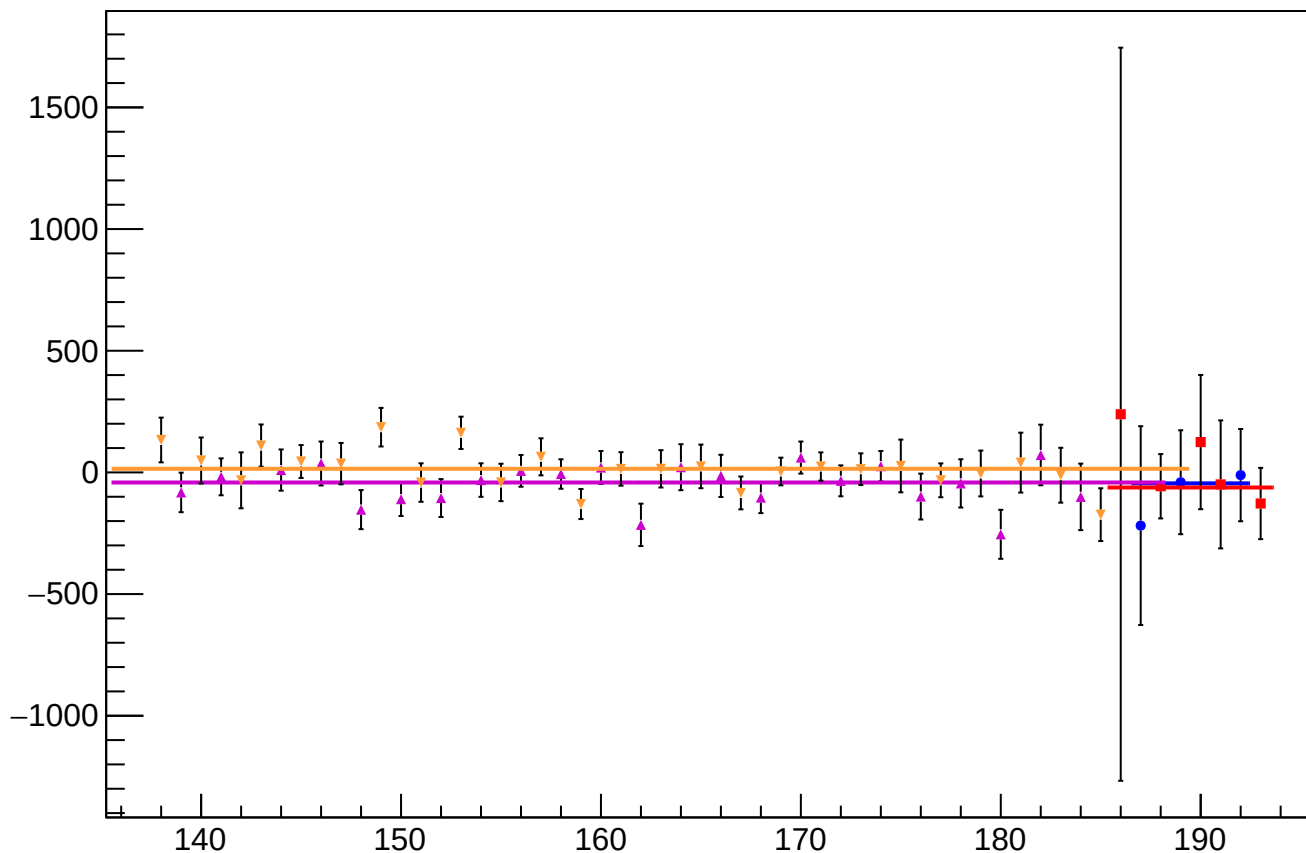
Left In: 785.179+/-0.134 χ^2/NDF : 976942.0/22

+ sign 797.974+/-0.132 χ^2/NDF : 2082418.7/27

All: 803.130+/-0.094 χ^2/NDF : 5638466.2/55

- sign 808.412+/-0.134 χ^2/NDF : 3552958.9/27

dit_asym_sam_1526_avg_mean vs Slug



Right In: -45.009 ± 133.923 χ^2/NDF : 0.2/2

Left Out: 14.879 ± 15.529 χ^2/NDF : 25.8/24

Right Out: -62.029 ± 87.097 χ^2/NDF : 0.7/4

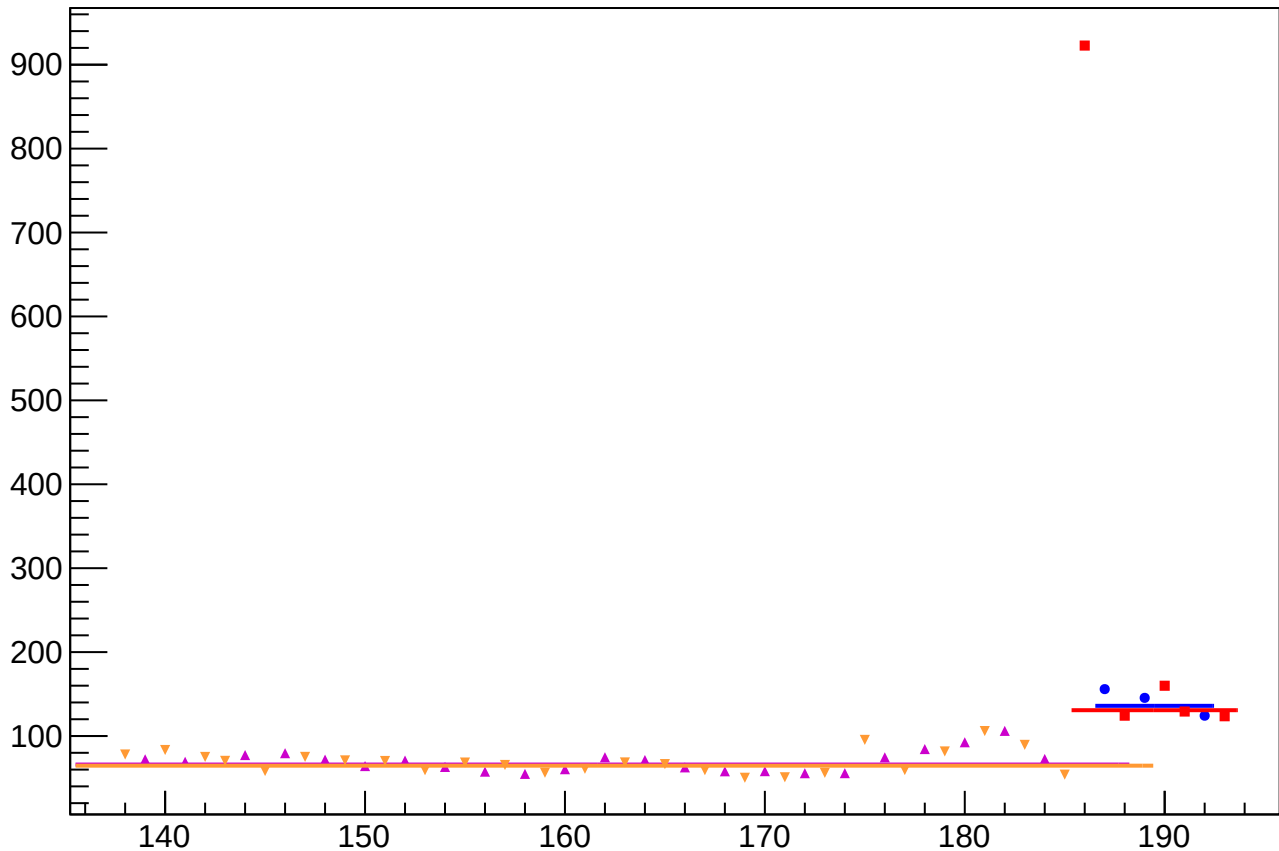
Left In: -41.428 ± 16.130 χ^2/NDF : 21.7/22

+ sign 14.084 ± 15.426 χ^2/NDF : 26.2/27

All: -13.233 ± 11.058 χ^2/NDF : 55.1/55

- sign -42.111 ± 15.861 χ^2/NDF : 22.4/27

dit_asym_sam_1526_avg_rms vs Slug



Right In: 135.992 $\pm$ 0.095 χ^2 /NDF: 16399.7/2

Left Out: 64.680 $\pm$ 0.011 χ^2 /NDF: 1150386.4/24

Right Out: 130.773 $\pm$ 0.062 χ^2 /NDF: 584990.2/4

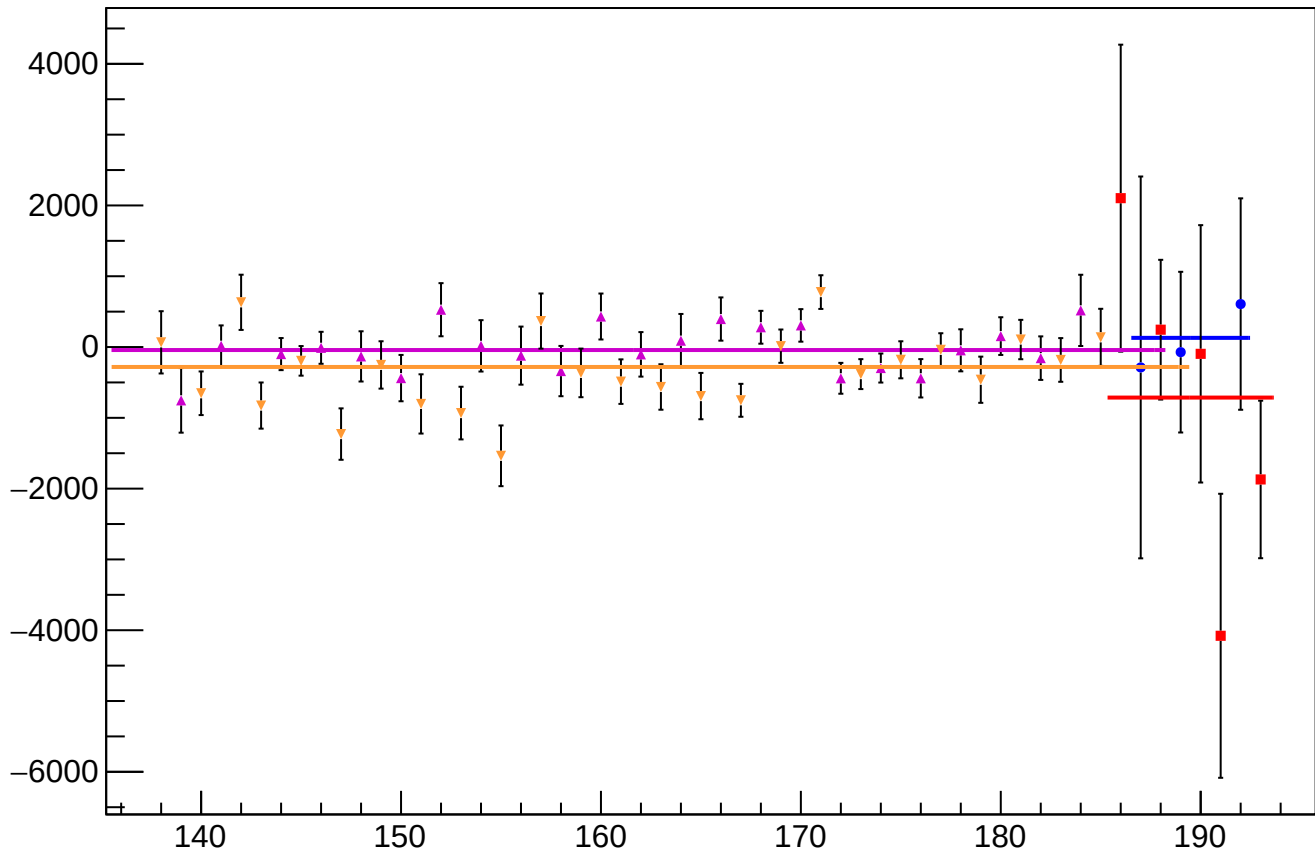
Left In: 66.016 $\pm$ 0.011 χ^2 /NDF: 868433.2/22

+ sign 65.626 $\pm$ 0.011 χ^2 /NDF: 1726341.7/27

All: 66.859 $\pm$ 0.008 χ^2 /NDF: 4275018.3/55

- sign 68.163 $\pm$ 0.011 χ^2 /NDF: 2522370.4/27

asym_sam_1526_avg_correction_mean vs Slug



Right In: 129.677 $\pm$ 856.703 χ^2 /NDF: 0.2/2

Left Out: -281.407 $\pm$ 59.534 χ^2 /NDF: 66.5/24

Right Out: -713.781 $\pm$ 620.358 χ^2 /NDF: 6.6/4

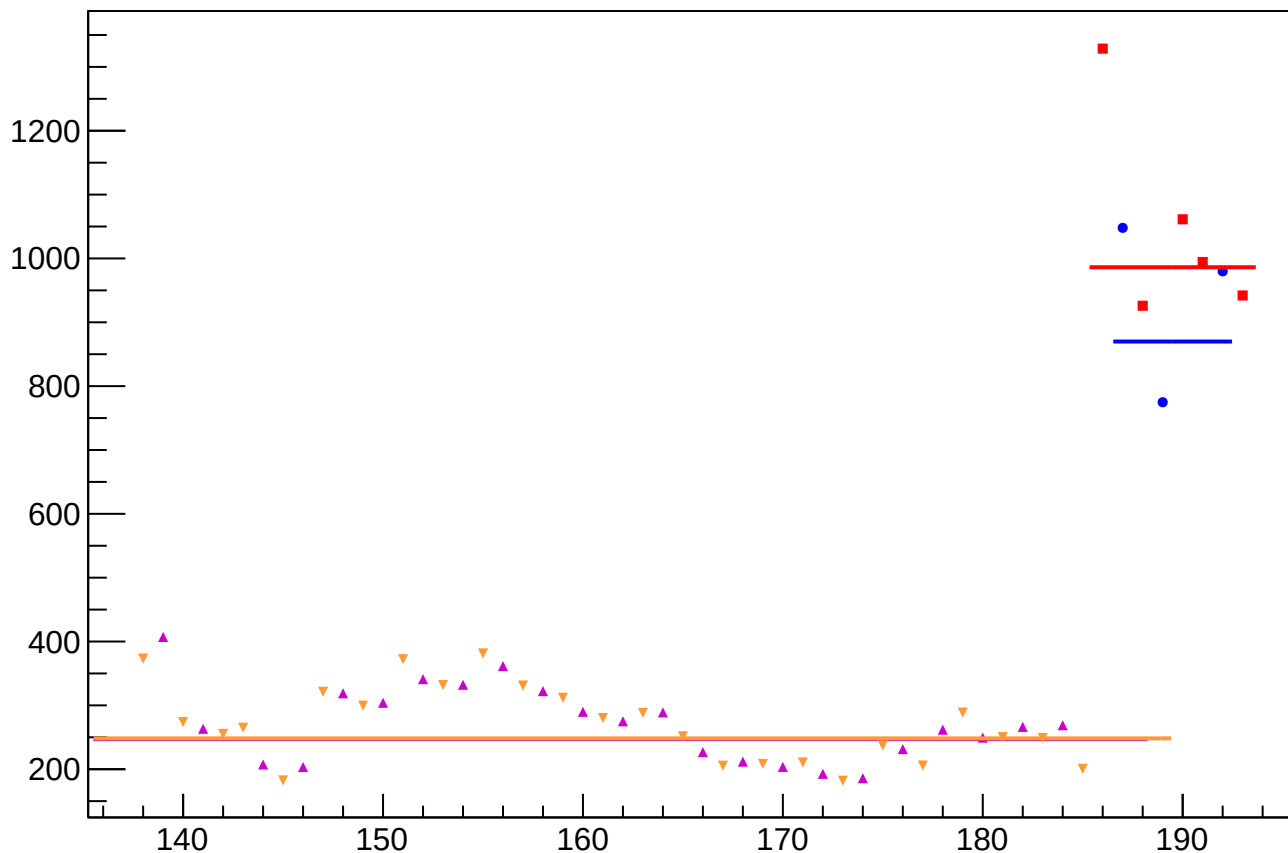
Left In: -42.368 $\pm$ 60.284 χ^2 /NDF: 24.7/22

+ sign -279.431 $\pm$ 59.391 χ^2 /NDF: 66.8/27

All: -165.221 $\pm$ 42.210 χ^2 /NDF: 106.8/55

- sign -48.649 $\pm$ 60.001 χ^2 /NDF: 32.5/27

asym_sam_1526_avg_correction_rms vs Slug



Right In: 869.861 $\pm$ 0.606 χ^2 /NDF: 33595.8/2

Left Out: 248.297 $\pm$ 0.042 χ^2 /NDF: 1687698.9/24

Right Out: 986.193 $\pm$ 0.439 χ^2 /NDF: 63953.5/4

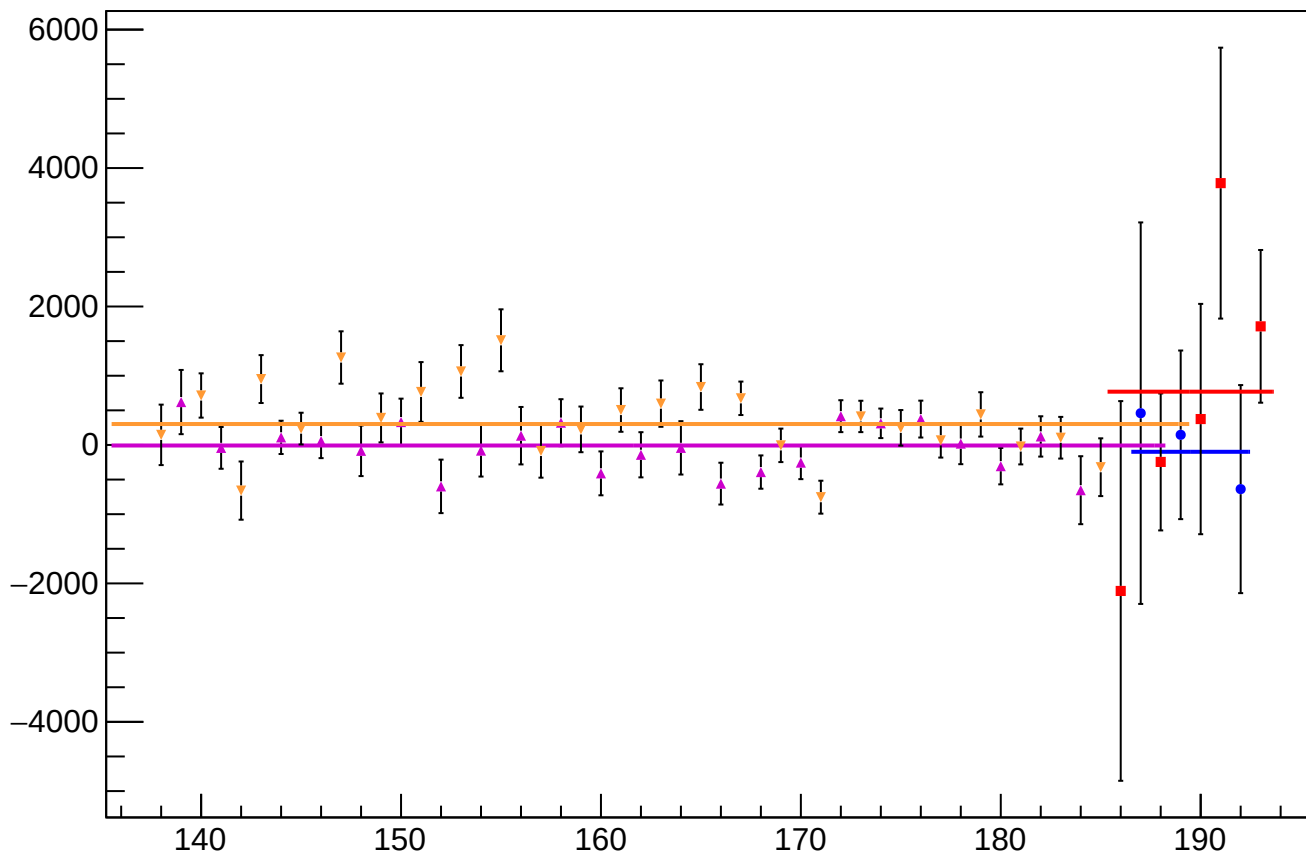
Left In: 247.105 $\pm$ 0.043 χ^2 /NDF: 1539330.1/22

+ sign 251.284 $\pm$ 0.042 χ^2 /NDF: 2769024.0/27

All: 252.638 $\pm$ 0.030 χ^2 /NDF: 7186662.5/55

- sign 254.020 $\pm$ 0.042 χ^2 /NDF: 4415538.5/27

asym_sam_1526_avg_mean vs Slug



Right In: -98.770 ± 894.884 $\chi^2/\text{NDF}: 0.2/2$

Left Out: 302.420 ± 60.991 $\chi^2/\text{NDF}: 63.8/24$

Right Out: 769.579 ± 620.278 $\chi^2/\text{NDF}: 5.3/4$

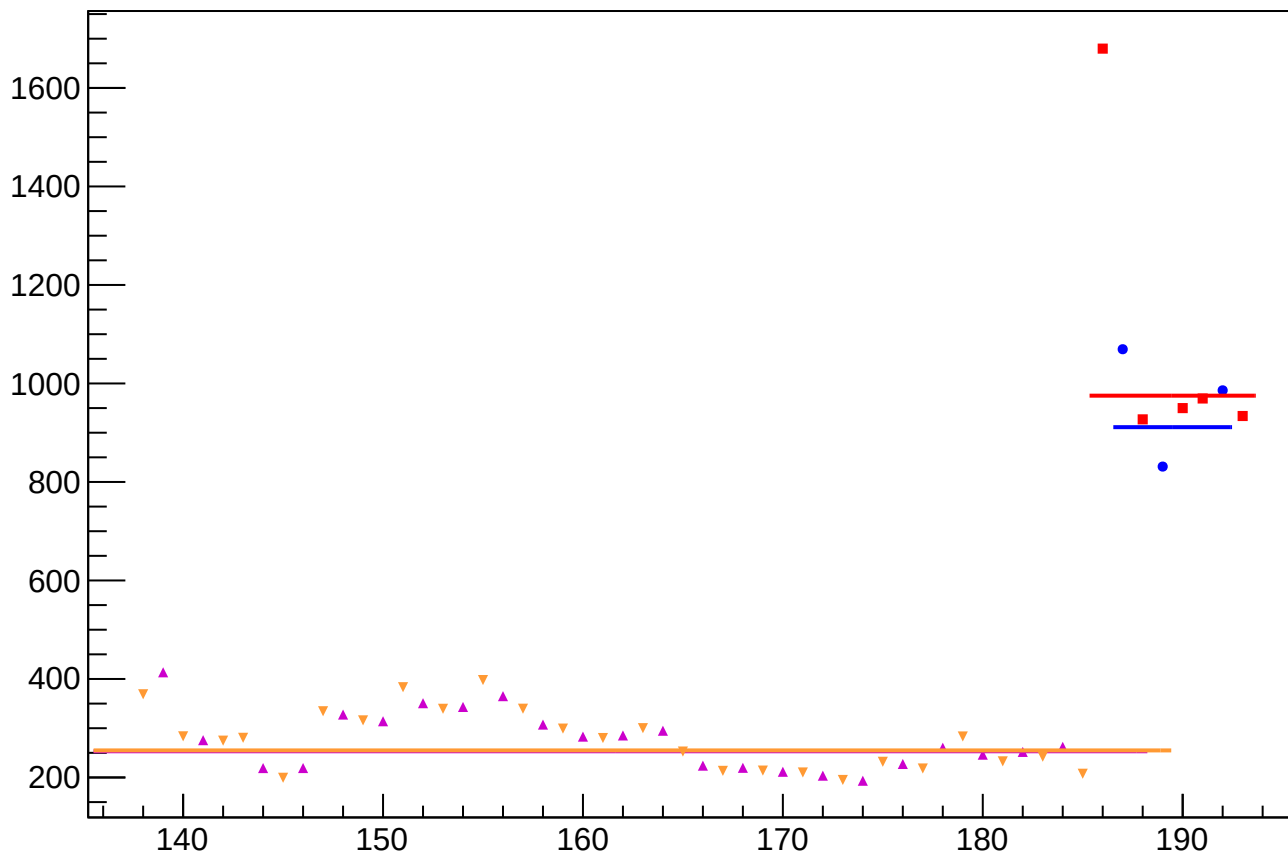
Left In: -7.915 ± 61.726 $\chi^2/\text{NDF}: 26.3/22$

+ sign 300.565 ± 60.849 $\chi^2/\text{NDF}: 64.3/27$

All: 151.546 ± 43.228 $\chi^2/\text{NDF}: 109.5/55$

- sign -0.291 ± 61.422 $\chi^2/\text{NDF}: 33.1/27$

asym_sam_1526_avg_rms vs Slug



Right In: 911.265 $\pm$ 0.633 χ^2/NDF : 20184.1/2

Left Out: 254.937 $\pm$ 0.043 χ^2/NDF : 1541708.7/24

Right Out: 975.201 $\pm$ 0.439 χ^2/NDF : 140044.4/4

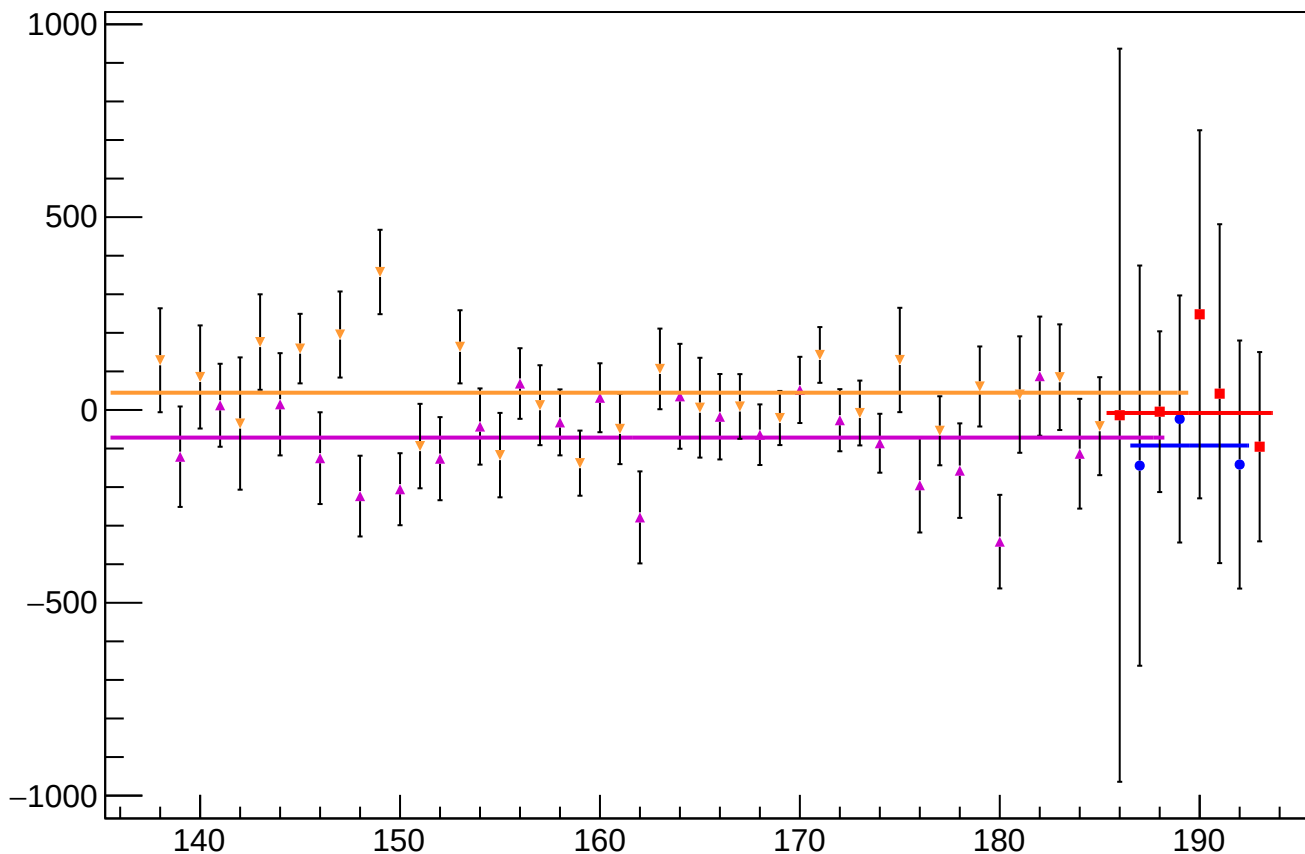
Left In: 253.170 $\pm$ 0.044 χ^2/NDF : 1366527.6/22

+ sign 257.972 $\pm$ 0.043 χ^2/NDF : 2632736.3/27

All: 259.100 $\pm$ 0.031 χ^2/NDF : 6824117.9/55

- sign 260.250 $\pm$ 0.043 χ^2/NDF : 4189993.1/27

dit_asym_sam_3726_avg_mean vs Slug



Right In: -92.200 ± 207.947 χ^2/NDF : 0.1/2

Left Out: 44.746 ± 20.460 χ^2/NDF : 30.5/24

Right Out: -7.791 ± 140.996 χ^2/NDF : 0.4/4

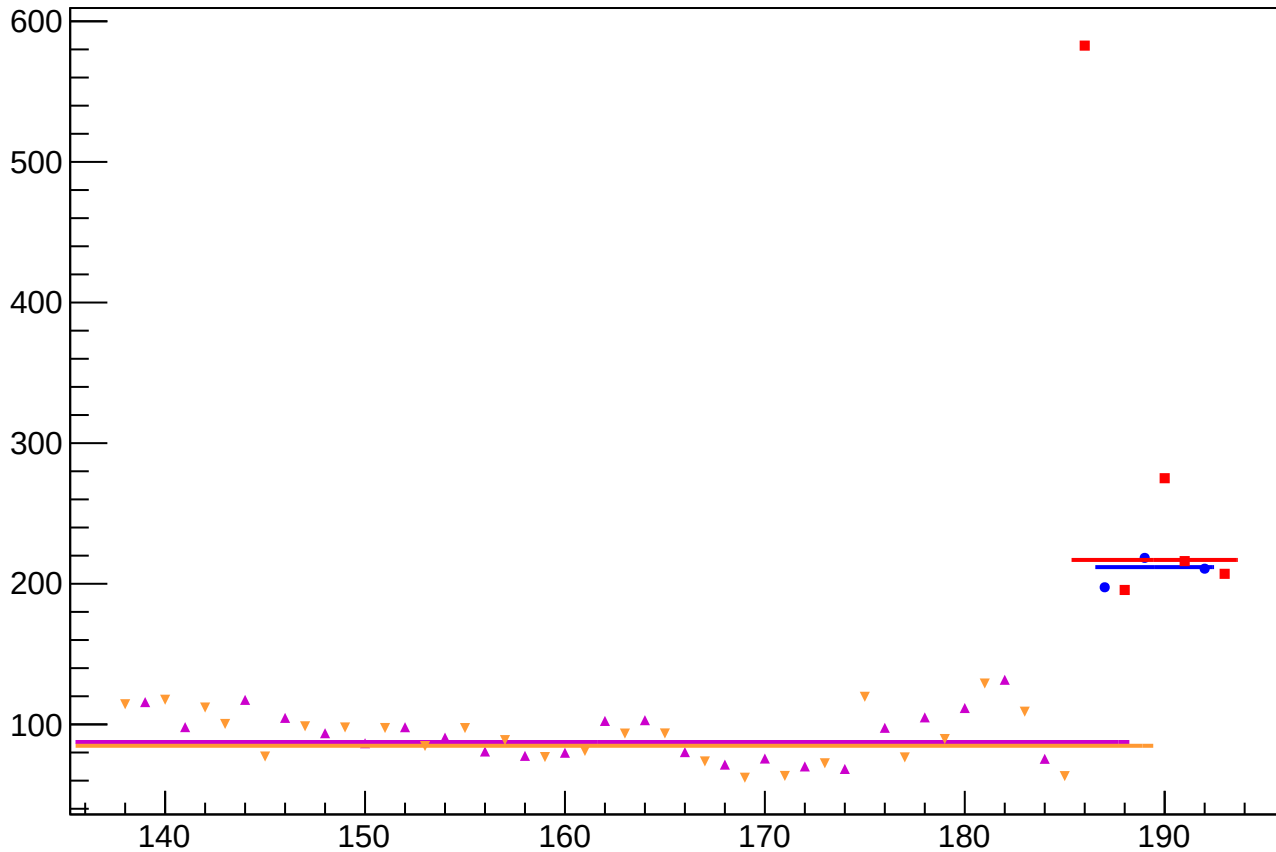
Left In: -71.620 ± 21.469 χ^2/NDF : 23.7/22

+ sign 43.433 ± 20.361 χ^2/NDF : 31.1/27

All: -11.014 ± 14.693 χ^2/NDF : 70.3/55

- sign -70.174 ± 21.224 χ^2/NDF : 24.3/27

dit_asym_sam_3726_avg_rms vs Slug



Right In: 211.845 $\pm$ 0.147 χ^2/NDF : 2391.7/2

Left Out: 84.793 $\pm$ 0.014 χ^2/NDF : 1382881.3/24

Right Out: 216.952 $\pm$ 0.100 χ^2/NDF : 350044.8/4

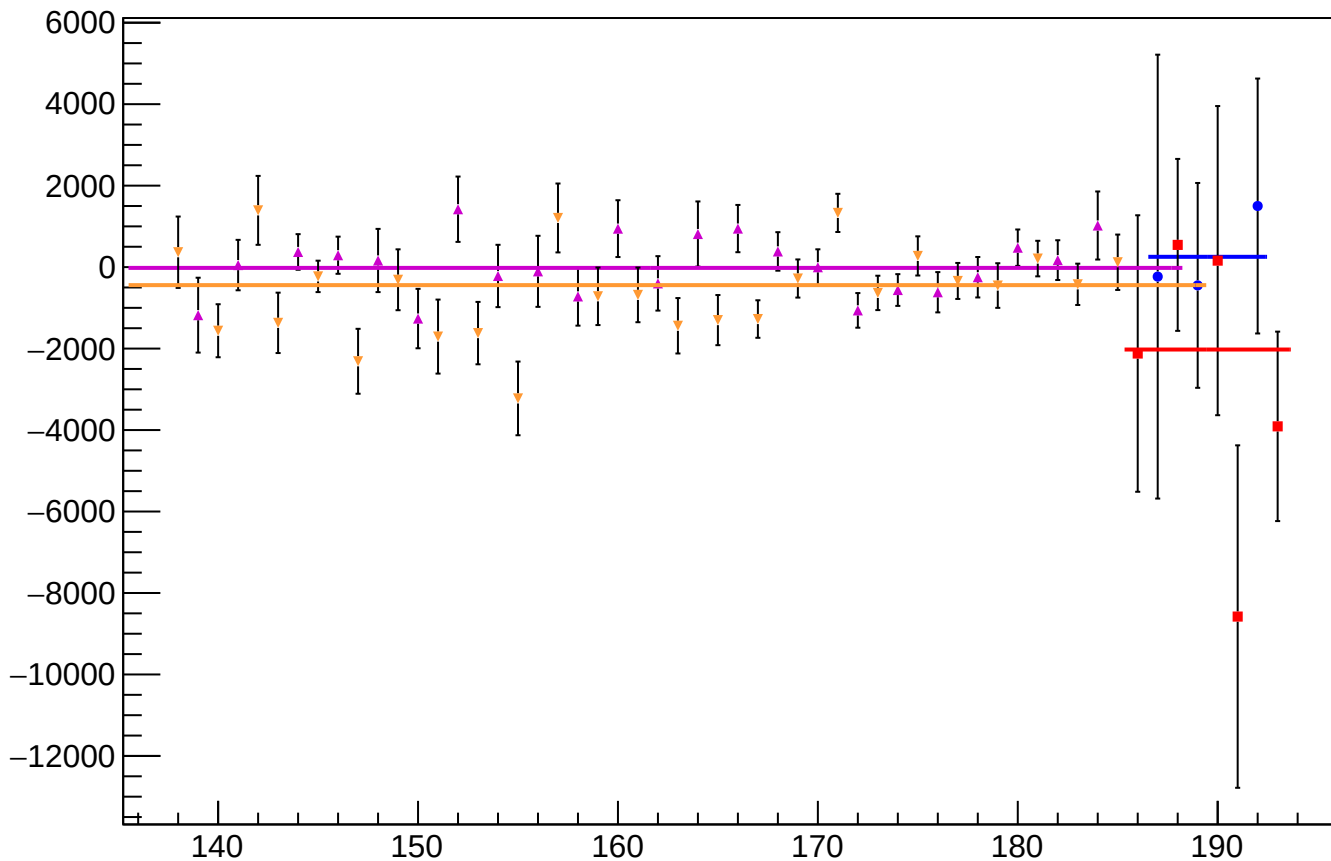
Left In: 87.477 $\pm$ 0.015 χ^2/NDF : 1056450.2/22

+ sign 86.011 $\pm$ 0.014 χ^2/NDF : 2124717.3/27

All: 88.120 $\pm$ 0.010 χ^2/NDF : 5224249.5/55

- sign 90.411 $\pm$ 0.015 χ^2/NDF : 3054766.6/27

asym_sam_3726_avg_correction_mean vs Slug



Right In: 252.925 ± 1844.259 χ^2/NDF : 0.2/2

Left Out: -442.284 ± 115.425 χ^2/NDF : 60.9/24

Right Out: -2023.203 ± 1267.658 χ^2/NDF : 4.9/4

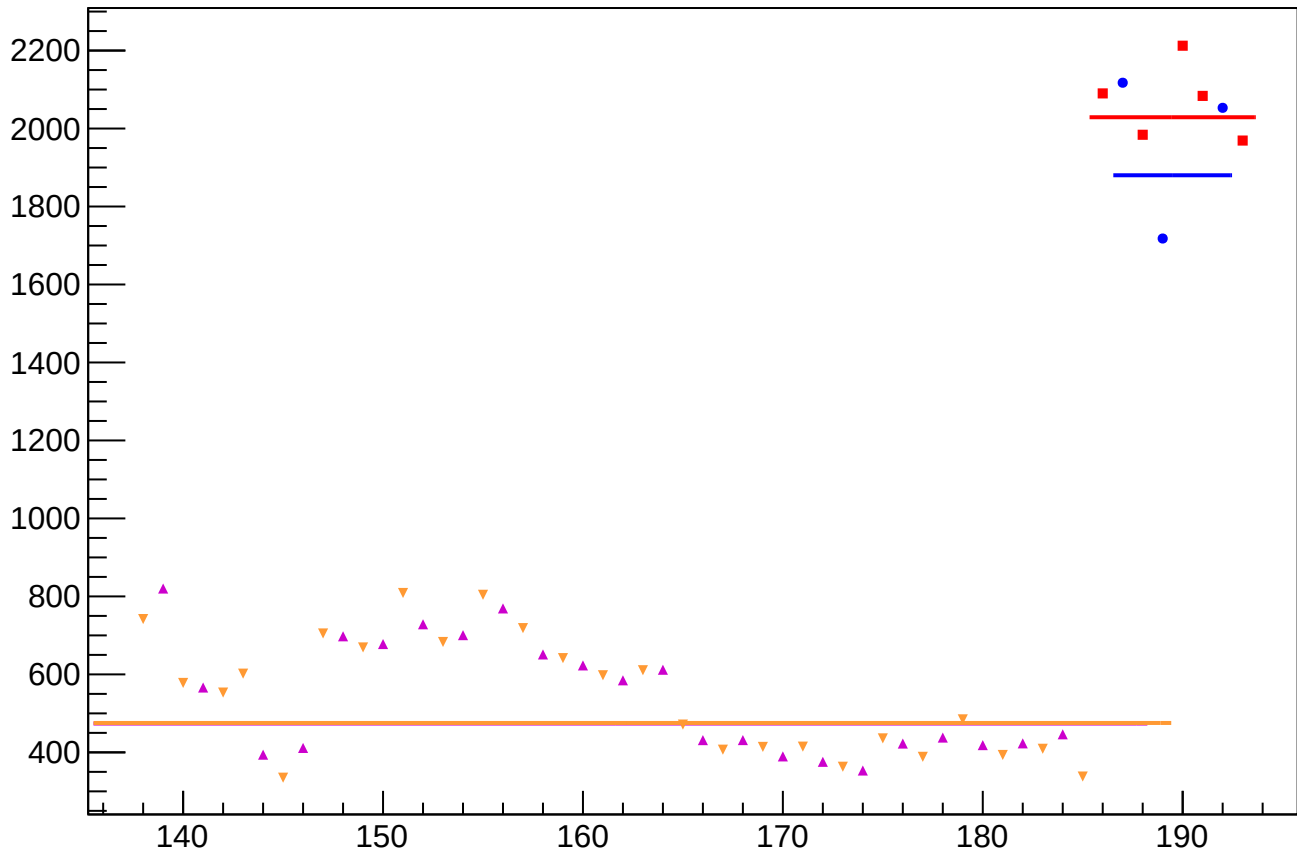
Left In: -19.322 ± 116.820 χ^2/NDF : 29.5/22

+ sign -439.572 ± 115.199 χ^2/NDF : 61.3/27

All: -239.849 ± 81.854 χ^2/NDF : 104.3/55

- sign -36.196 ± 116.328 χ^2/NDF : 36.9/27

asym_sam_3726_avg_correction_rms vs Slug



Right In: 1880.135+/-1.304 χ^2/NDF : 18233.7/2

Left Out: 475.415+/-0.082 χ^2/NDF : 2509706.1/24

Right Out: 2028.959+/-0.896 χ^2/NDF : 7890.0/4

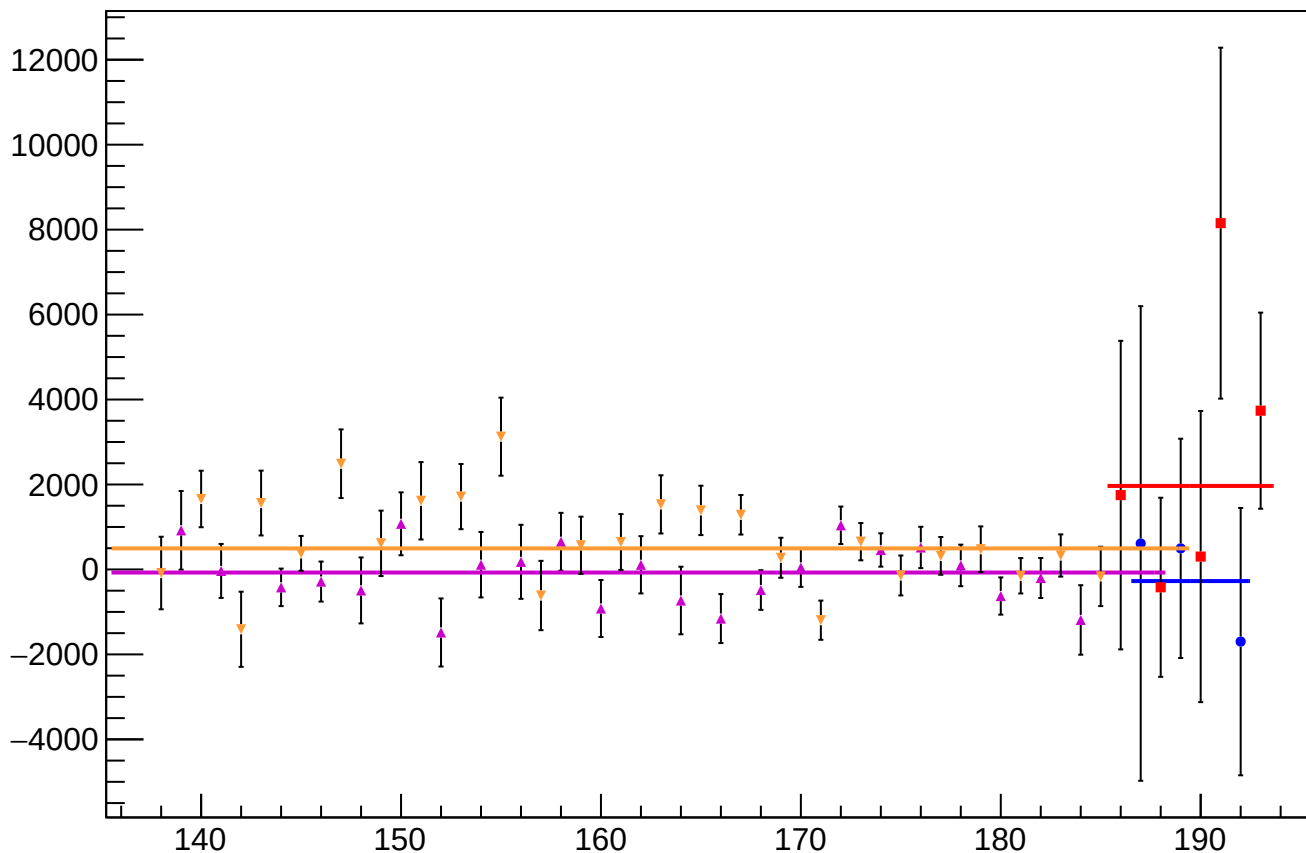
Left In: 473.947+/-0.083 χ^2/NDF : 2174476.6/22

+ sign 480.896+/-0.081 χ^2/NDF : 3683700.5/27

All: 483.939+/-0.058 χ^2/NDF : 8853033.1/55

- sign 487.041+/-0.082 χ^2/NDF : 5166514.7/27

asym_sam_3726_avg_mean vs Slug



Right In: -273.822 ± 1879.318 $\chi^2/\text{NDF}: 0.3/2$

Left Out: 495.259 ± 115.521 $\chi^2/\text{NDF}: 57.2/24$

Right Out: 1965.954 ± 1257.662 $\chi^2/\text{NDF}: 4.4/4$

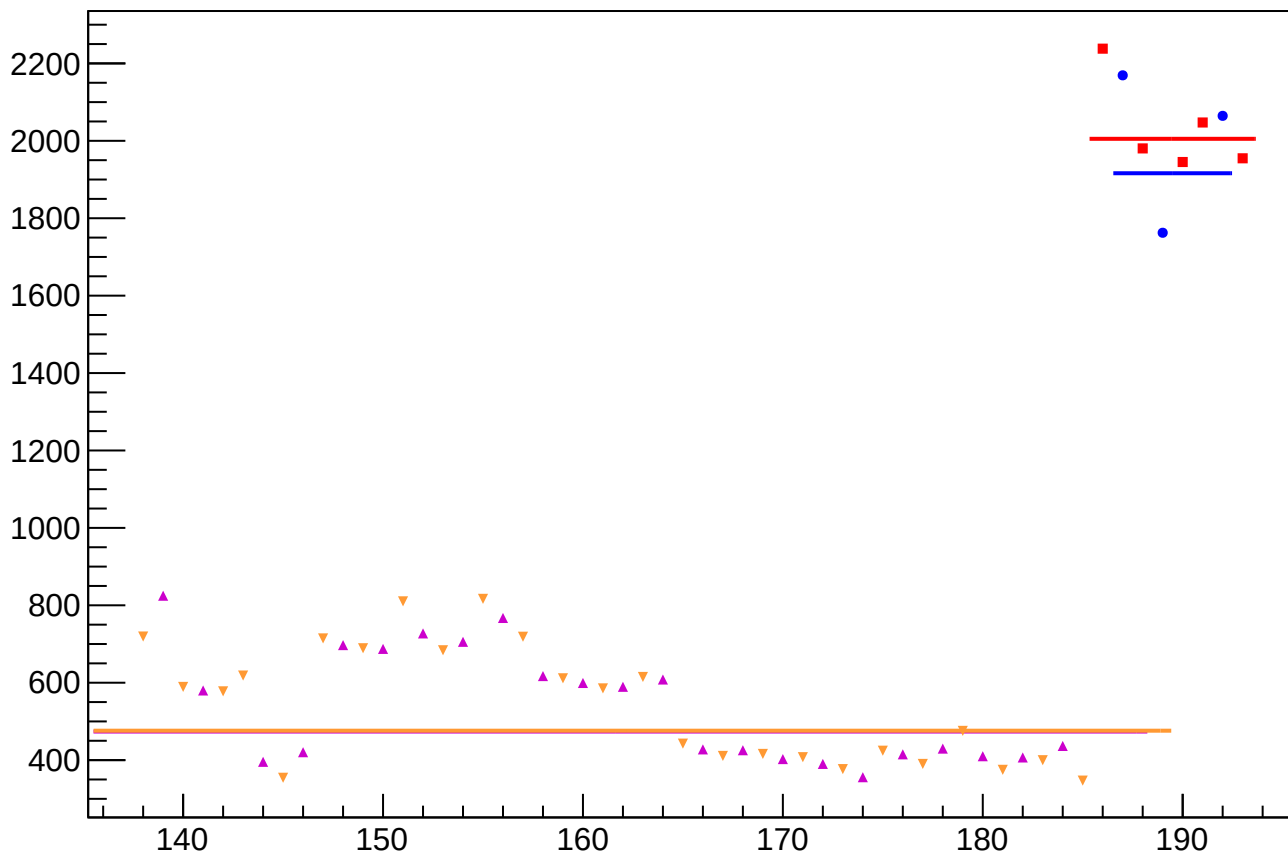
Left In: -72.627 ± 116.927 $\chi^2/\text{NDF}: 29.1/22$

+ sign 492.364 ± 115.304 $\chi^2/\text{NDF}: 57.7/27$

All: 221.253 ± 81.926 $\chi^2/\text{NDF}: 104.8/55$

- sign -55.157 ± 116.425 $\chi^2/\text{NDF}: 36.0/27$

asym_sam_3726_avg_rms vs Slug



Right In: 1916.239 ± 1.329 $\chi^2/\text{NDF}: 15639.5/2$

Left Out: 476.057 ± 0.082 $\chi^2/\text{NDF}: 2461838.6/24$

Right Out: 2005.193 ± 0.889 $\chi^2/\text{NDF}: 10270.9/4$

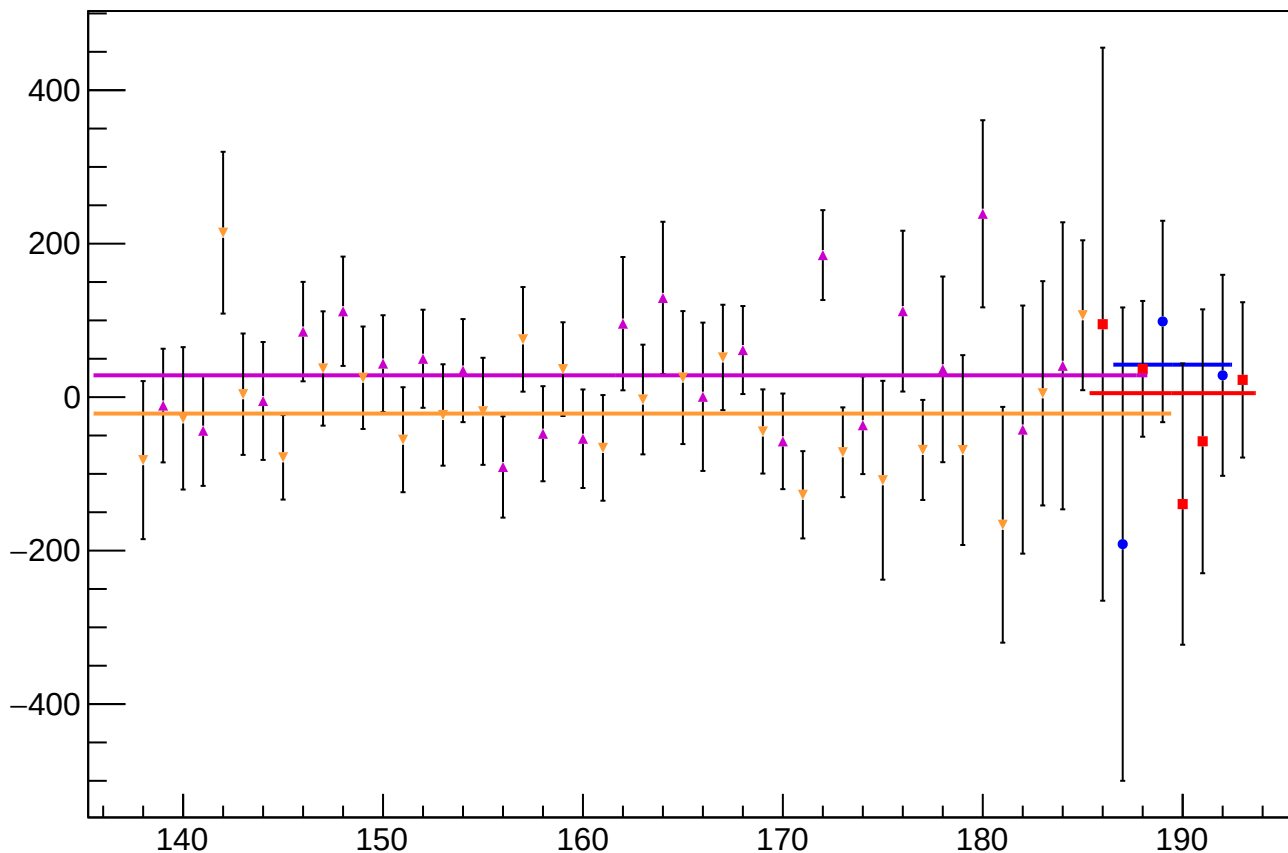
Left In: 473.824 ± 0.083 $\chi^2/\text{NDF}: 2113753.1/22$

+ sign 481.478 ± 0.082 $\chi^2/\text{NDF}: 3647588.0/27$

All: 484.186 ± 0.058 $\chi^2/\text{NDF}: 8713682.9/55$

- sign 486.947 ± 0.082 $\chi^2/\text{NDF}: 5063867.0/27$

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 42.326 $\pm$ 88.782 χ^2/NDF : 0.8/2

Left Out: -21.397 $\pm$ 14.800 χ^2/NDF : 20.9/24

Right Out: 5.199 $\pm$ 58.056 χ^2/NDF : 1.0/4

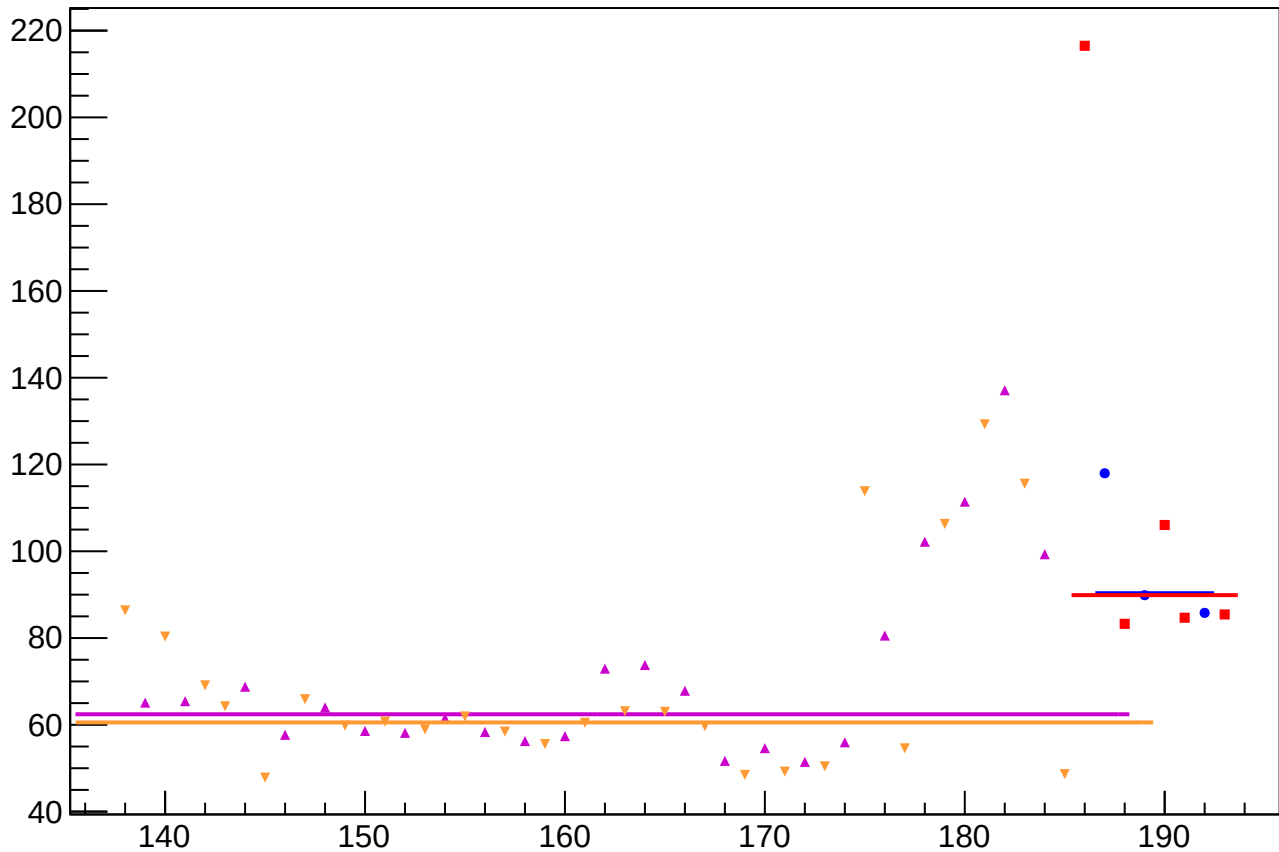
Left In: 28.435 $\pm$ 15.494 χ^2/NDF : 26.2/22

+ sign -19.674 $\pm$ 14.598 χ^2/NDF : 22.1/27

All: 3.023 $\pm$ 10.451 χ^2/NDF : 54.4/55

- sign 26.890 $\pm$ 14.970 χ^2/NDF : 27.3/27

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 90.331 $\pm$ 0.063 χ^2 /NDF: 18482.0/2

Left Out: 60.551 $\pm$ 0.010 χ^2 /NDF: 1951663.1/24

Right Out: 89.892 $\pm$ 0.041 χ^2 /NDF: 279365.6/4

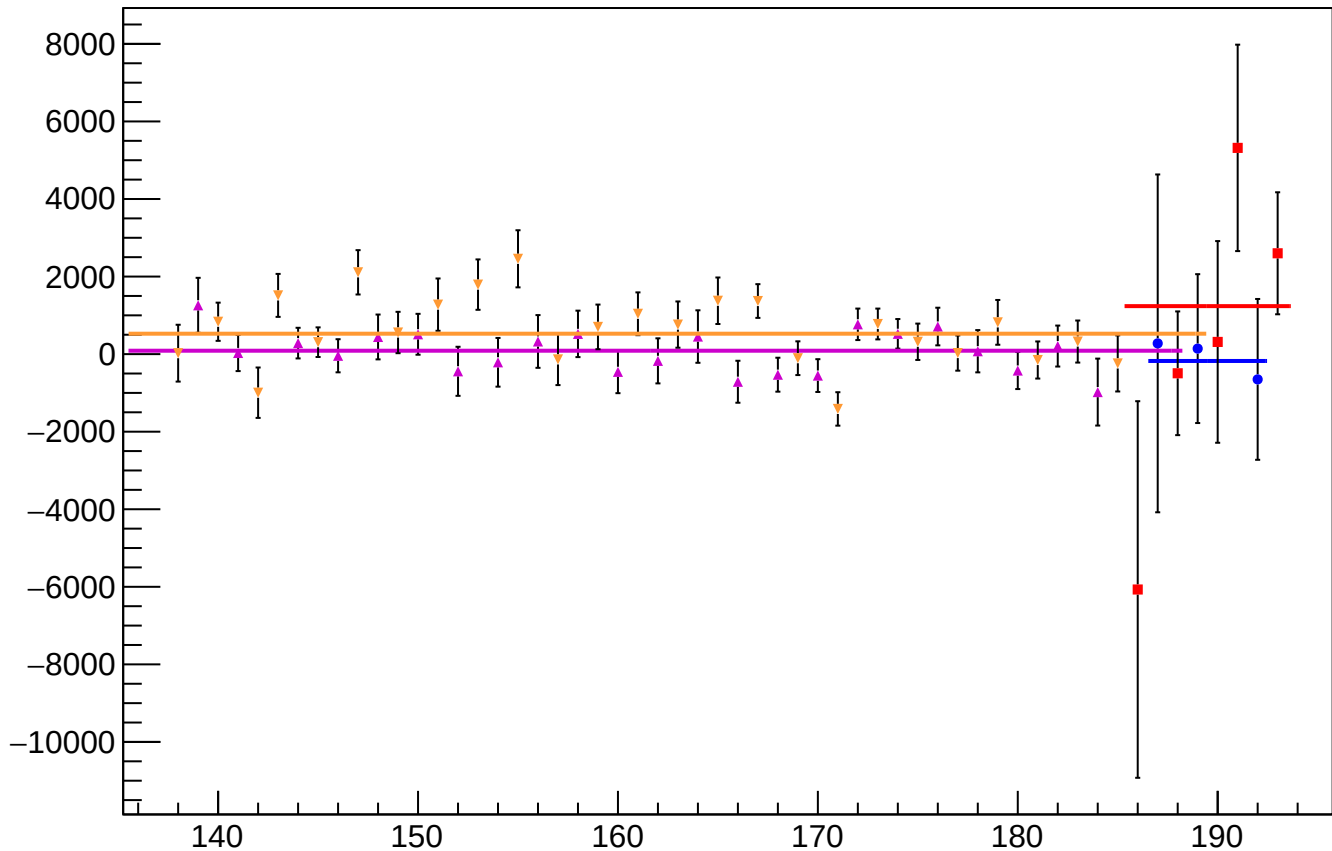
Left In: 62.435 $\pm$ 0.011 χ^2 /NDF: 1445748.2/22

+ sign 61.356 $\pm$ 0.010 χ^2 /NDF: 2189094.2/27

All: 62.772 $\pm$ 0.007 χ^2 /NDF: 4370405.4/55

- sign 64.260 $\pm$ 0.011 χ^2 /NDF: 2142728.6/27

asym_sam_15_48_dd_correction_mean vs Slug



Right In: -176.513 ± 1340.223 $\chi^2/\text{NDF}: 0.1/2$

Left Out: 526.705 ± 105.414 $\chi^2/\text{NDF}: 65.0/24$

Right Out: 1237.550 ± 941.287 $\chi^2/\text{NDF}: 6.7/4$

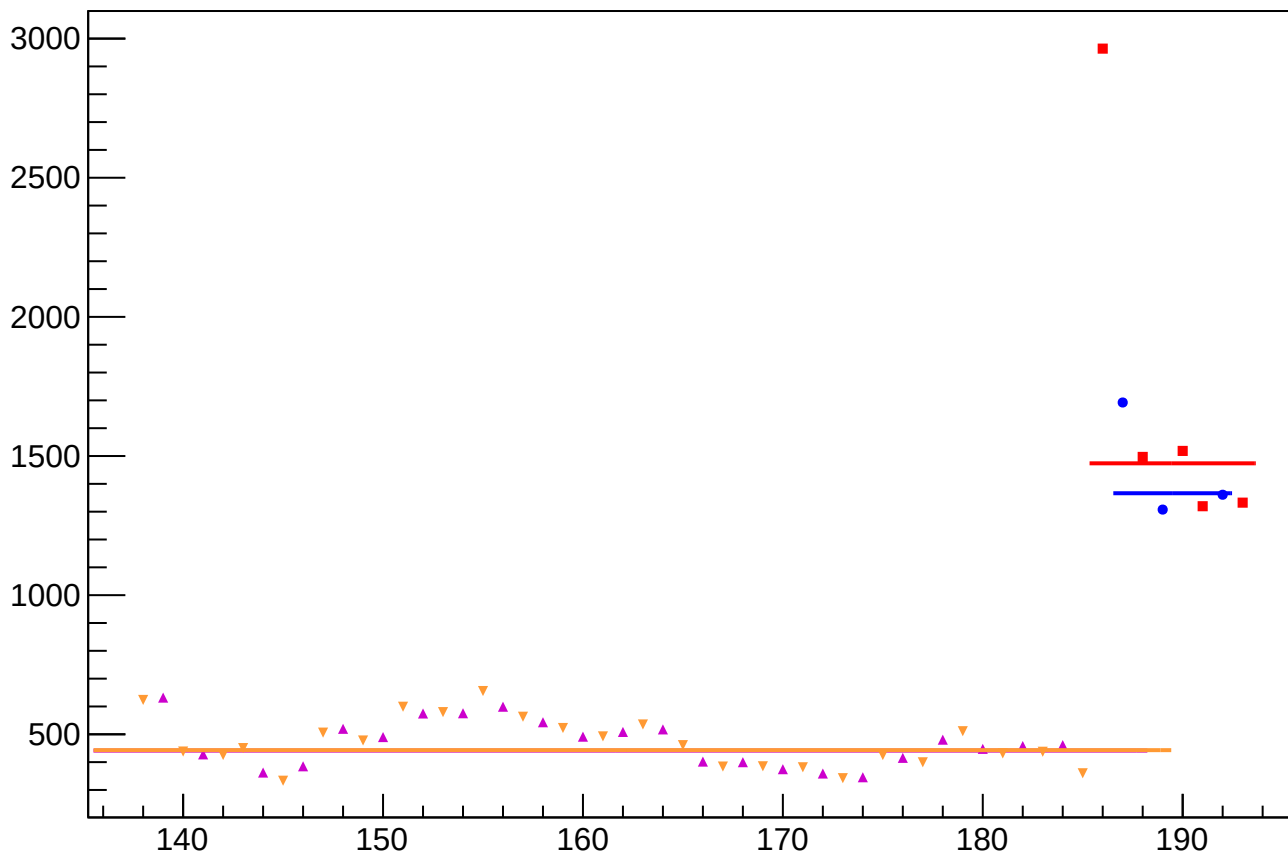
Left In: 87.989 ± 106.843 $\chi^2/\text{NDF}: 22.1/22$

+ sign 522.382 ± 105.090 $\chi^2/\text{NDF}: 65.4/27$

All: 314.625 ± 74.686 $\chi^2/\text{NDF}: 103.5/55$

- sign 102.611 ± 106.161 $\chi^2/\text{NDF}: 30.3/27$

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1366.243 $\pm$ 0.948 χ^2 /NDF: 13096.2/2

Left Out: 443.031 $\pm$ 0.075 χ^2 /NDF: 1171662.6/24

Right Out: 1473.748 $\pm$ 0.666 χ^2 /NDF: 212241.5/4

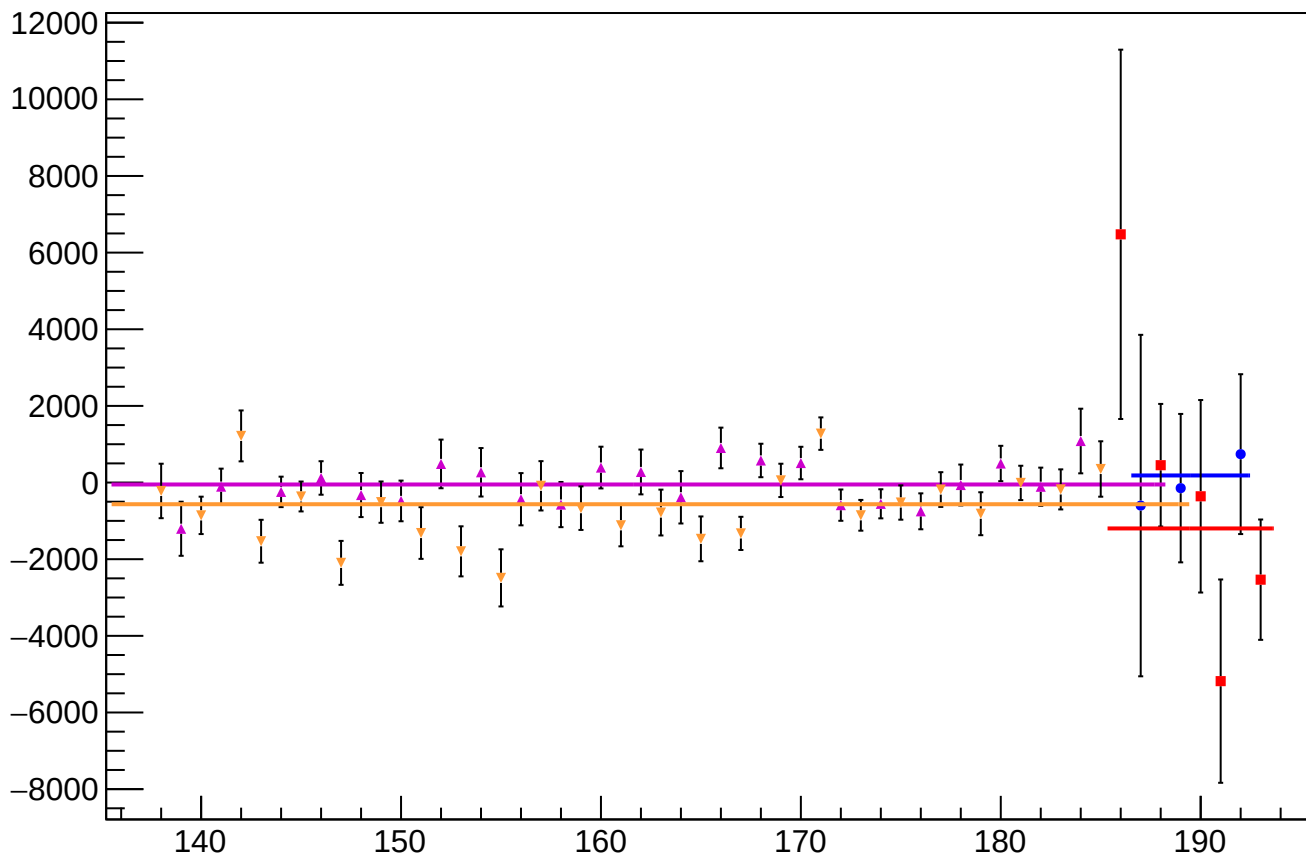
Left In: 441.359 $\pm$ 0.076 χ^2 /NDF: 1035839.5/22

+ sign 448.708 $\pm$ 0.074 χ^2 /NDF: 2127950.6/27

All: 451.570 $\pm$ 0.053 χ^2 /NDF: 5754298.3/55

- sign 454.491 $\pm$ 0.075 χ^2 /NDF: 3623349.9/27

asym_sam_15_48_dd_mean vs Slug



Right In: 185.138 ± 1352.179 χ^2/NDF : 0.1/2

Left Out: -565.545 ± 104.460 χ^2/NDF : 62.9/24

Right Out: -1197.505 ± 936.454 χ^2/NDF : 6.7/4

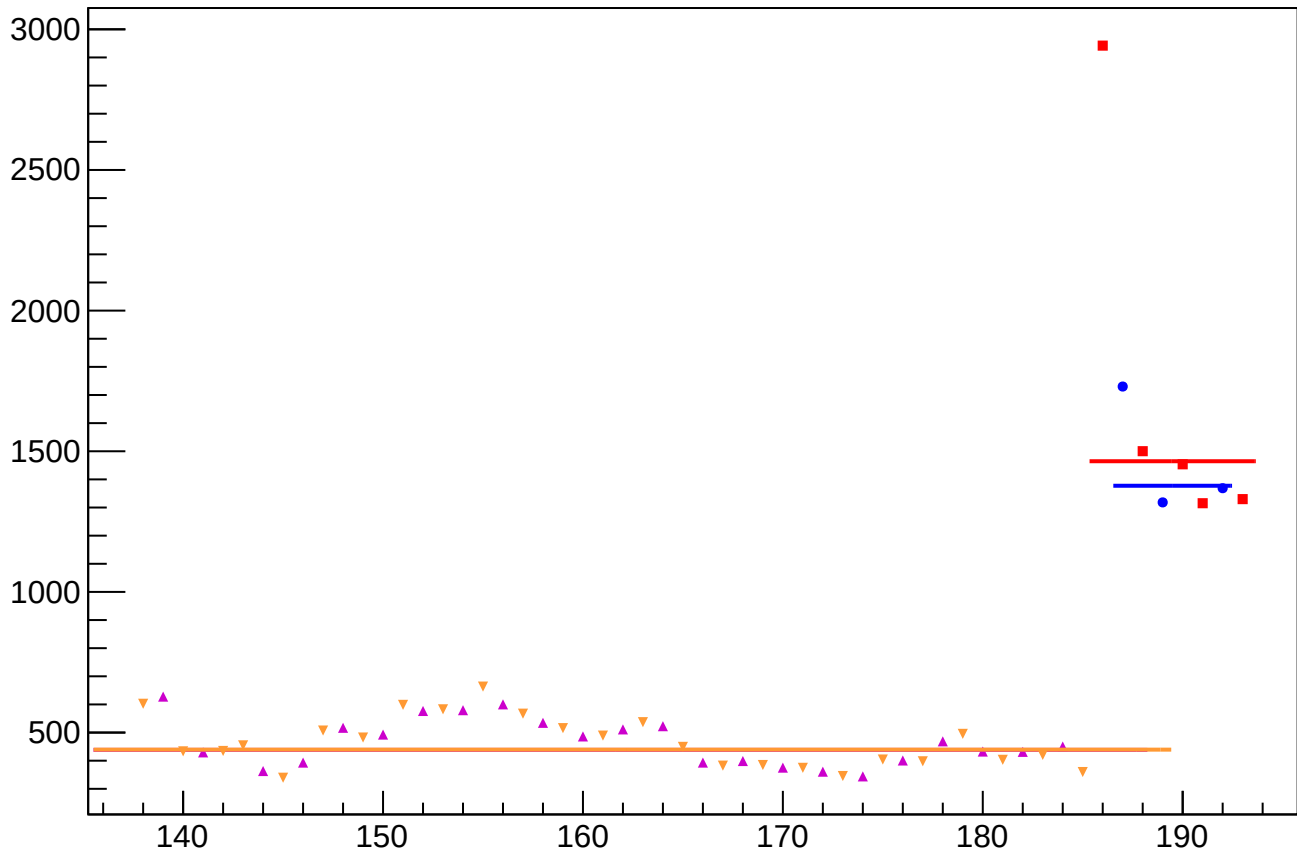
Left In: -50.387 ± 106.218 χ^2/NDF : 23.3/22

+ sign -561.091 ± 104.150 χ^2/NDF : 63.4/27

All: -316.316 ± 74.132 χ^2/NDF : 106.0/55

- sign -64.958 ± 105.541 χ^2/NDF : 31.4/27

asym_sam_15_48_dd_rms vs Slug



Right In: 1377.405 $\pm$ 0.956 χ^2 /NDF: 14437.1/2

Left Out: 439.314 $\pm$ 0.074 χ^2 /NDF:1164031.3/24

Right Out: 1464.569 $\pm$ 0.662 χ^2 /NDF: 210111.7/4

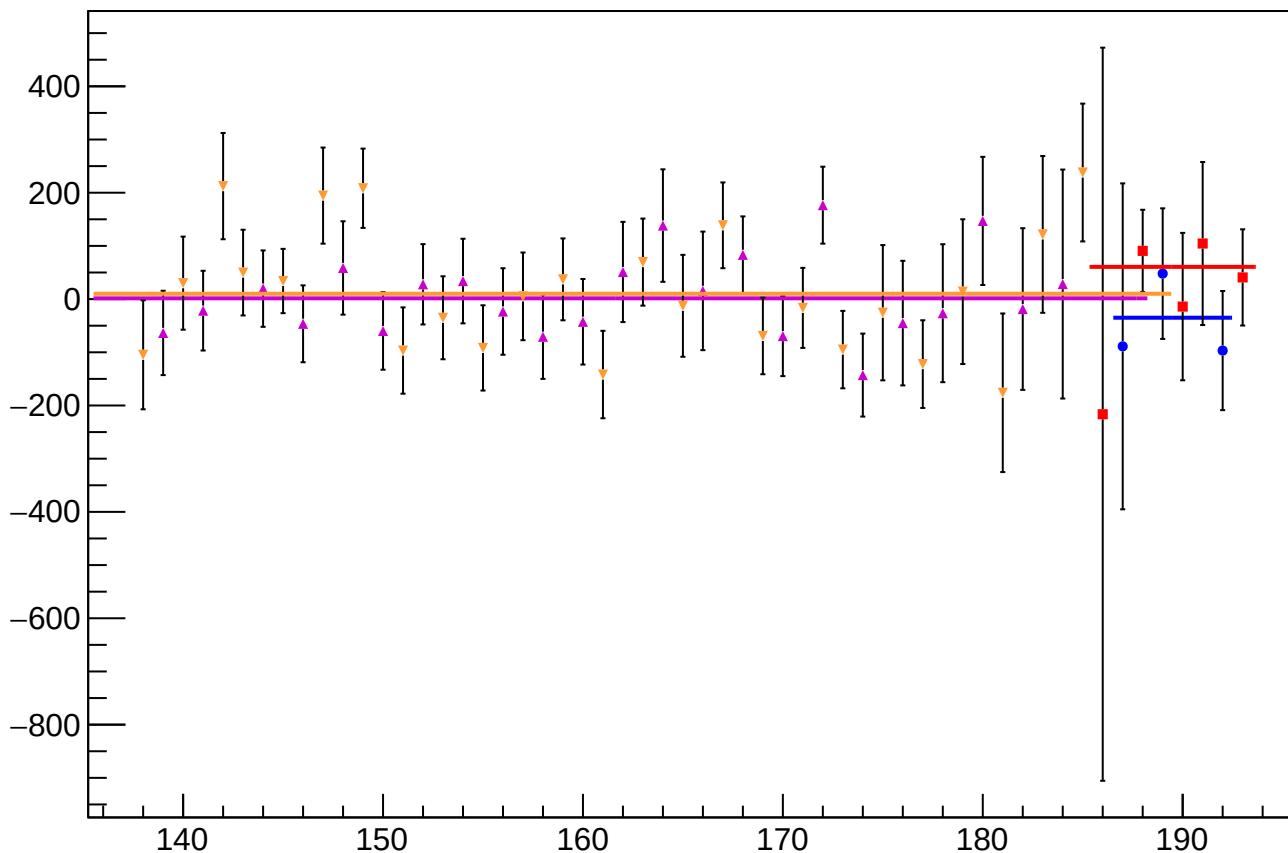
Left In: 438.365 $\pm$ 0.075 χ^2 /NDF:1024661.1/22

+ sign 444.879 $\pm$ 0.074 χ^2 /NDF: 2135370.2/27

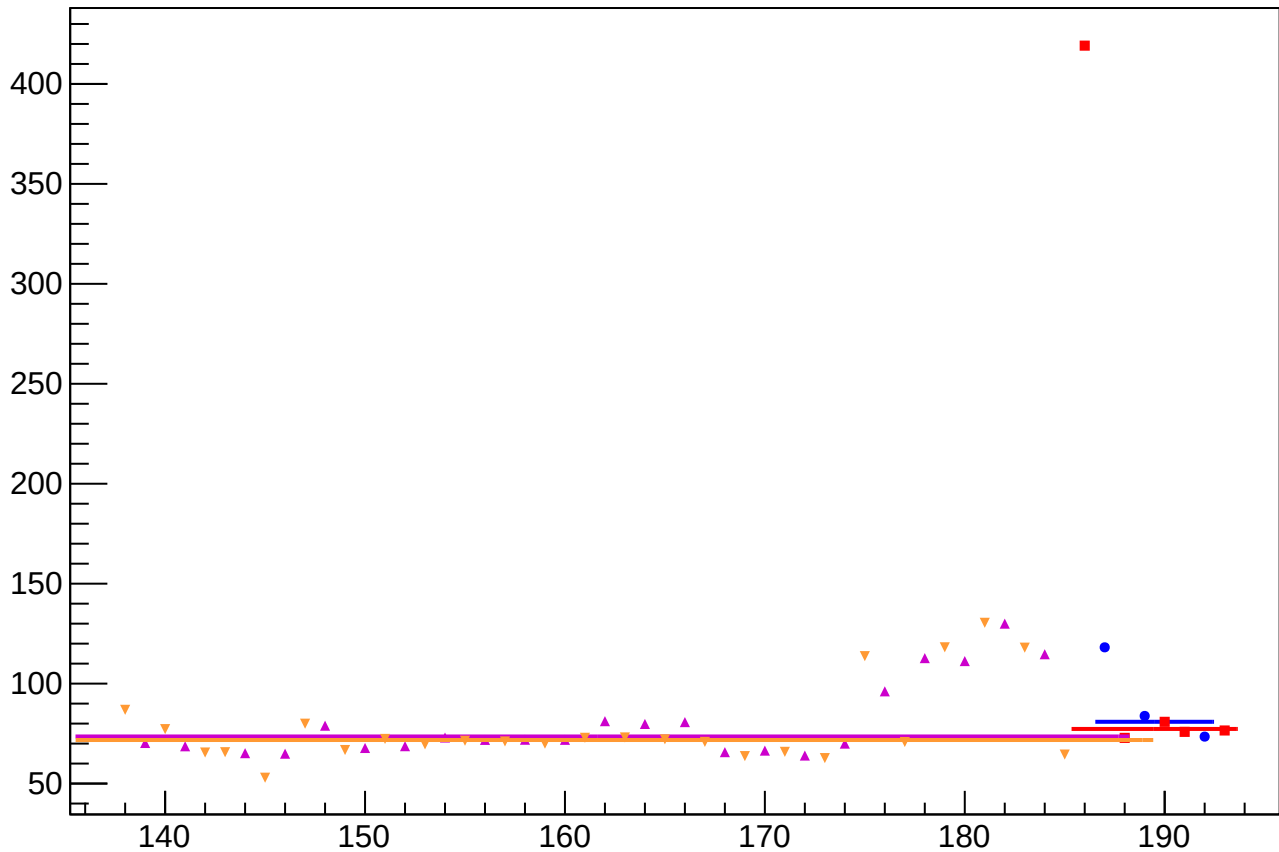
All: 448.096 $\pm$ 0.052 χ^2 /NDF: 5745234.2/55

- sign 451.400 $\pm$ 0.075 χ^2 /NDF: 3605996.9/27

dit_asym_sam_37_48_dd_mean vs Slug



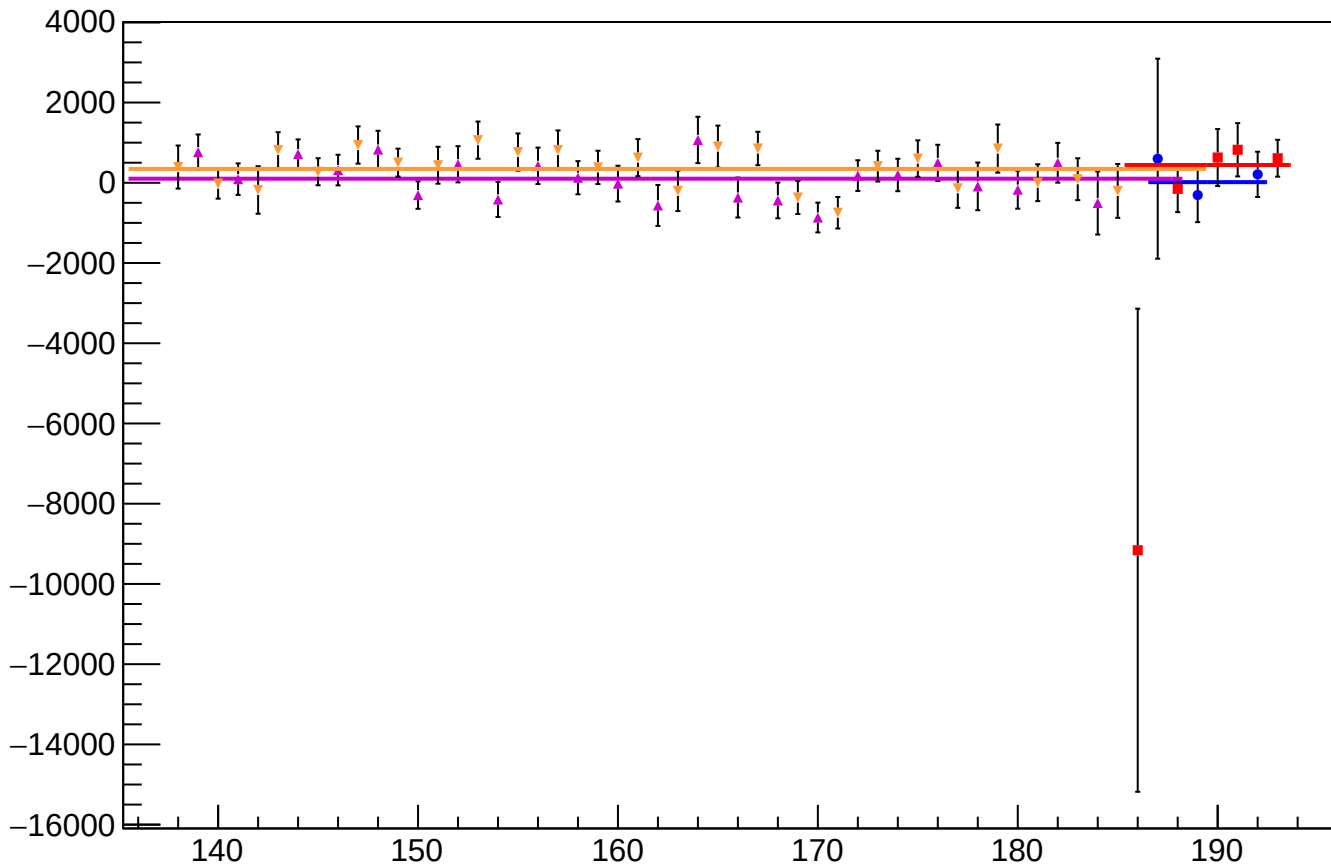
dit_asym_sam_37_48_dd_rms vs Slug



Right In: 80.900 ± 0.056 $\chi^2/\text{NDF}: 39489.2/2$
 Left Out: 71.785 ± 0.012 $\chi^2/\text{NDF}: 1325726.8/24$
 Right Out: 77.323 ± 0.036 $\chi^2/\text{NDF}: 500510.7/4$
 Left In: 73.558 ± 0.013 $\chi^2/\text{NDF}: 1009353.9/22$

+ sign 72.189 ± 0.012 $\chi^2/\text{NDF}: 1390119.8/27$
 All: 73.077 ± 0.008 $\chi^2/\text{NDF}: 2920933.7/55$
 - sign 73.974 ± 0.012 $\chi^2/\text{NDF}: 1519610.9/27$

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 15.675 ± 426.567 $\chi^2/\text{NDF}: 0.4/2$

Left Out: 345.360 ± 89.857 $\chi^2/\text{NDF}: 27.4/24$

Right Out: 442.904 ± 288.915 $\chi^2/\text{NDF}: 4.1/4$

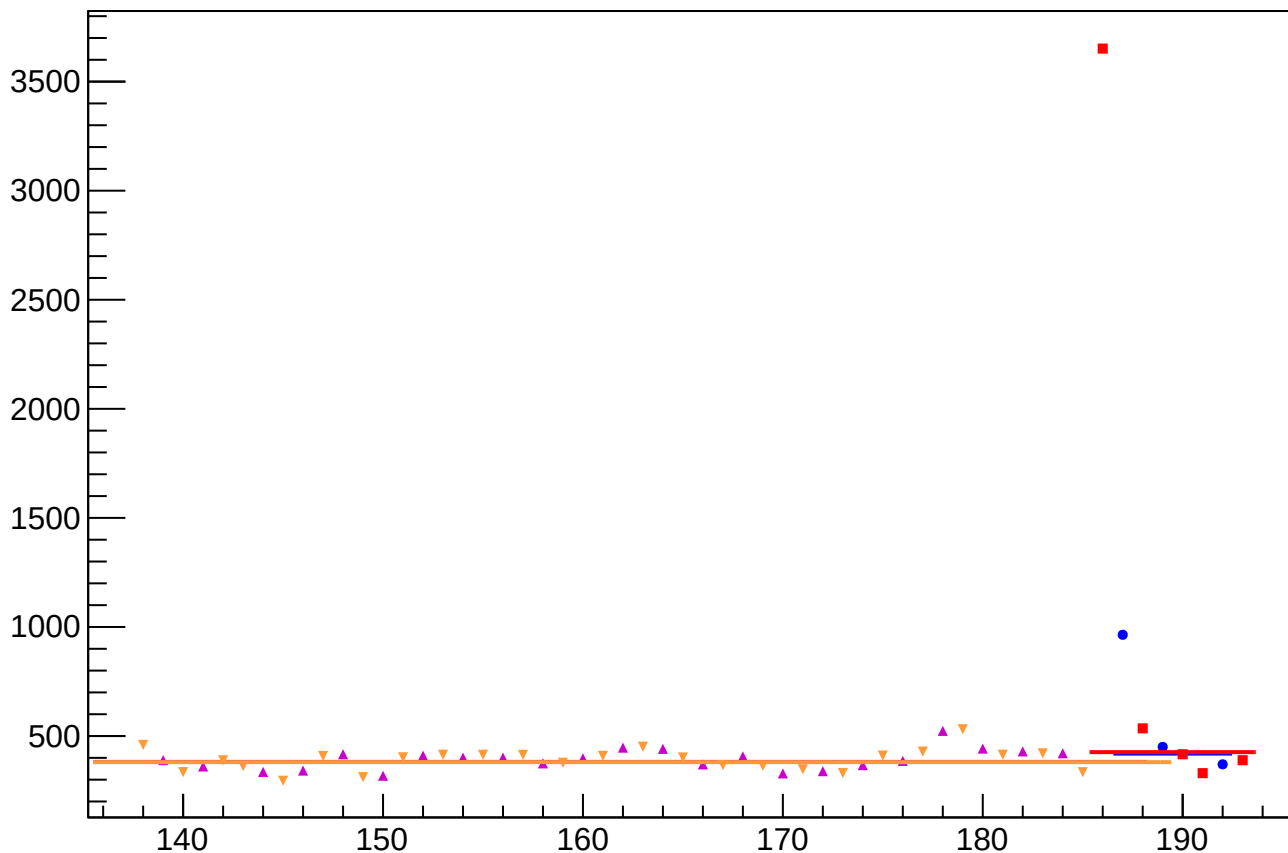
Left In: 101.648 ± 91.670 $\chi^2/\text{NDF}: 28.1/22$

+ sign 331.352 ± 87.927 $\chi^2/\text{NDF}: 28.3/27$

All: 231.484 ± 61.979 $\chi^2/\text{NDF}: 64.3/55$

- sign 132.861 ± 87.377 $\chi^2/\text{NDF}: 33.4/27$

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 419.582 $\pm$ 0.302 χ^2 /NDF: 114744.6/2

Left Out: 380.206 $\pm$ 0.064 χ^2 /NDF: 616620.6/24

Right Out: 426.197 $\pm$ 0.204 χ^2 /NDF: 699742.9/4

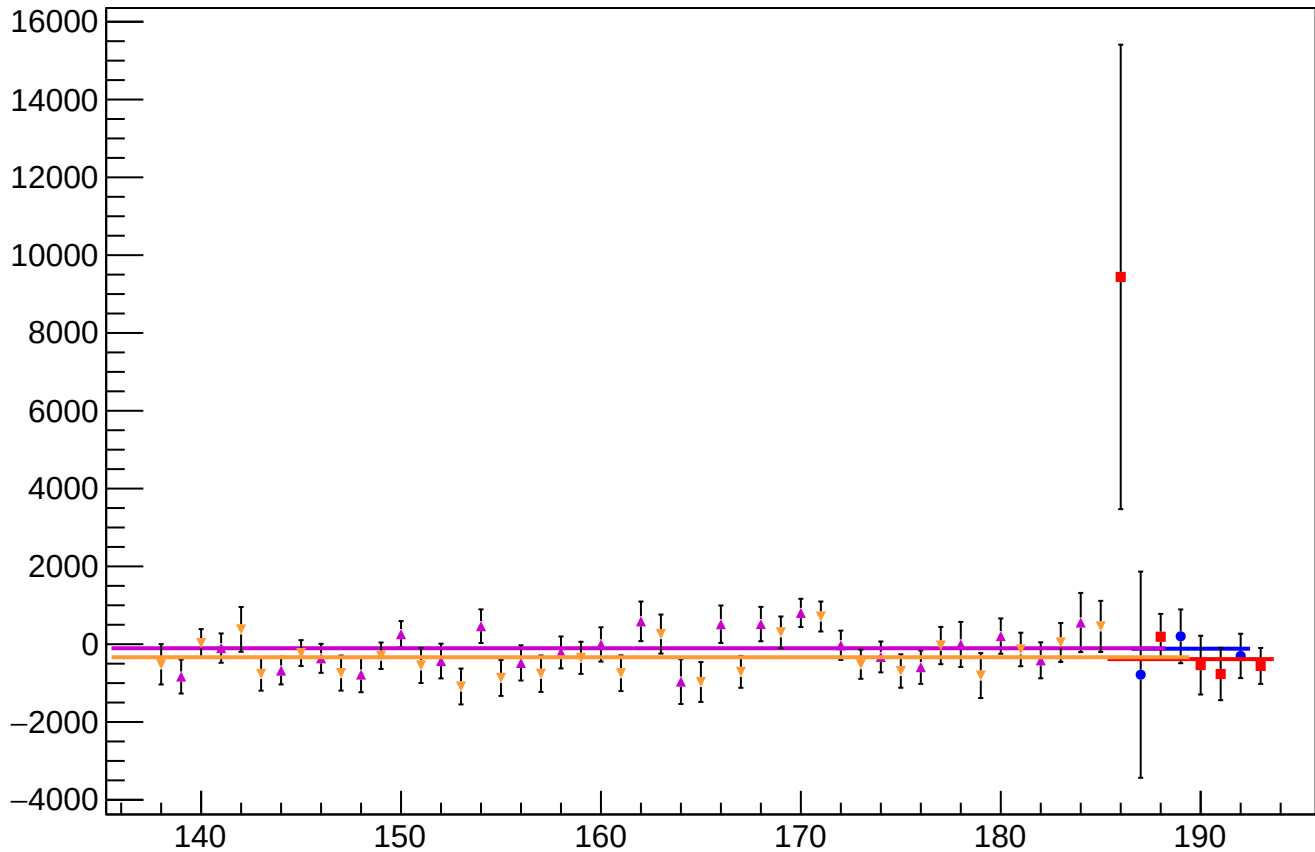
Left In: 381.474 $\pm$ 0.065 χ^2 /NDF: 461021.8/22

+ sign 381.879 $\pm$ 0.062 χ^2 /NDF: 747682.8/27

All: 383.734 $\pm$ 0.044 χ^2 /NDF: 1953755.7/55

- sign 385.565 $\pm$ 0.062 χ^2 /NDF: 1204305.1/27

asym_sam_37_48_dd_mean vs Slug



Right In: -115.588 ± 433.815 χ^2/NDF : 0.4/2

Left Out: -335.242 ± 87.706 χ^2/NDF : 28.3/24

Right Out: -383.087 ± 294.118 χ^2/NDF : 4.2/4

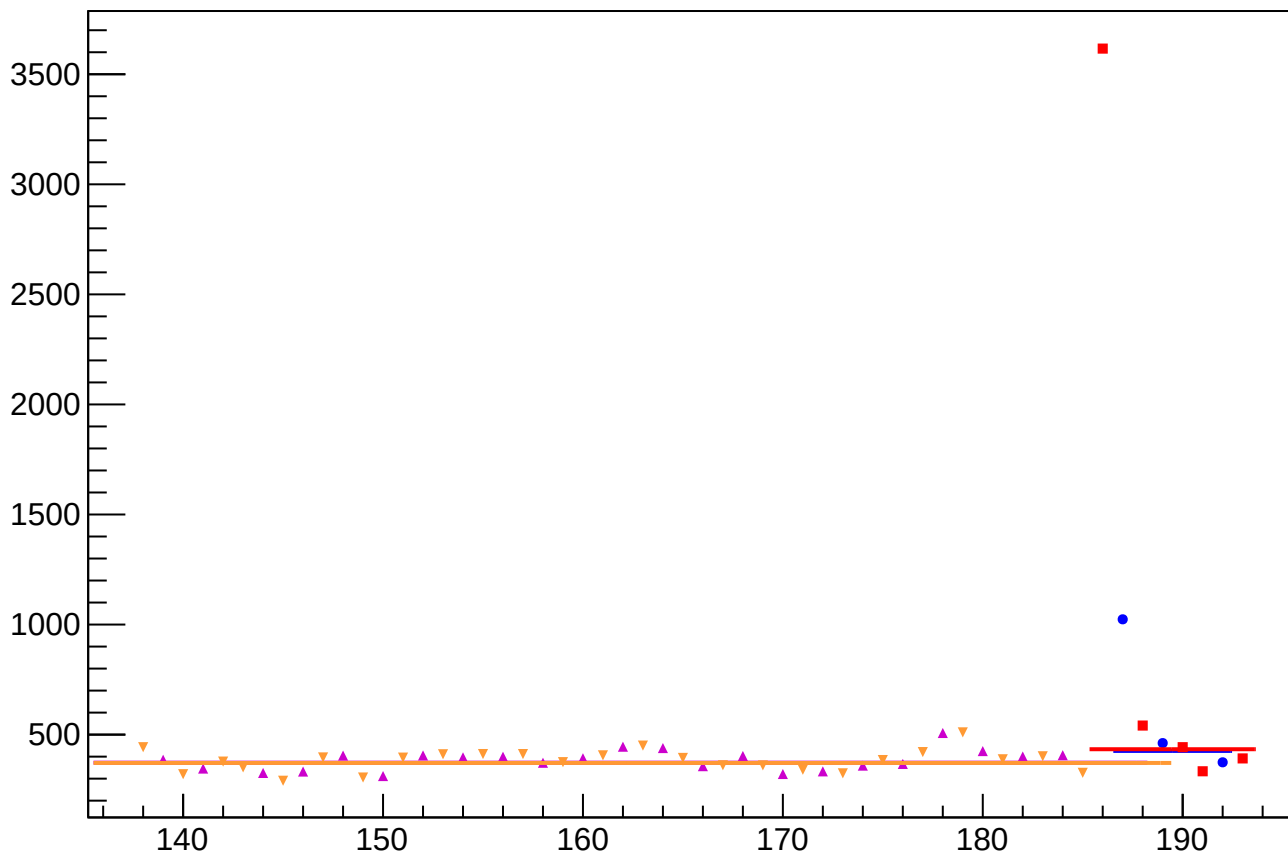
Left In: -104.117 ± 89.613 χ^2/NDF : 29.7/22

+ sign -326.616 ± 85.967 χ^2/NDF : 28.9/27

All: -226.933 ± 60.701 χ^2/NDF : 66.3/55

- sign -127.815 ± 85.723 χ^2/NDF : 34.7/27

asym_sam_37_48_dd_rms vs Slug



Right In: 426.029 $\pm$ 0.307 χ^2 /NDF: 123581.6/2

Left Out: 371.375 $\pm$ 0.062 χ^2 /NDF: 604123.3/24

Right Out: 433.653 $\pm$ 0.208 χ^2 /NDF: 696576.5/4

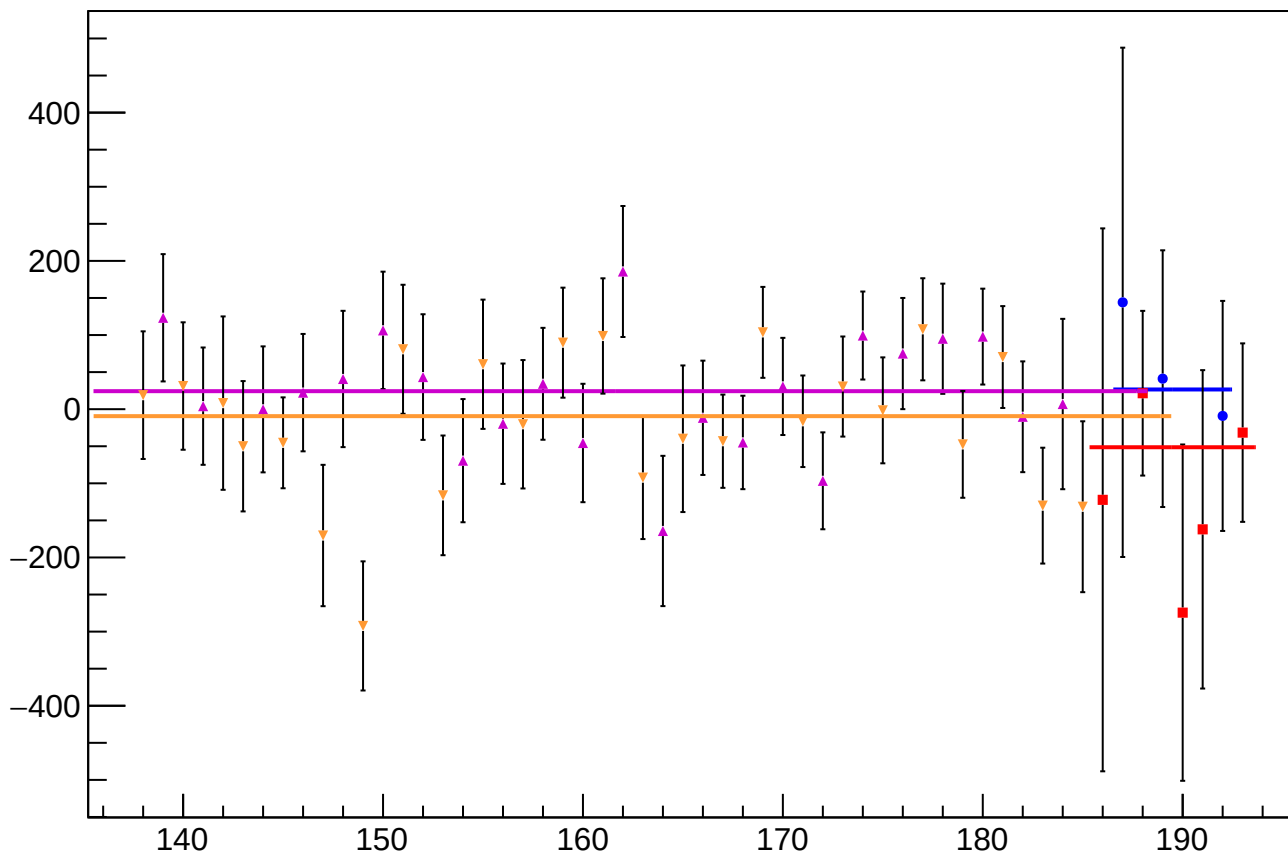
Left In: 372.574 $\pm$ 0.063 χ^2 /NDF: 464397.2/22

+ sign 373.522 $\pm$ 0.061 χ^2 /NDF: 758202.3/27

All: 375.648 $\pm$ 0.043 χ^2 /NDF: 2000542.5/55

- sign 377.763 $\pm$ 0.061 χ^2 /NDF: 1239899.5/27

dit_asym_sam_15_26_dd_mean vs Slug



Right In: 26.586 $\pm$ 109.505 χ^2 /NDF: 0.2/2

Left Out: -9.398 $\pm$ 15.471 χ^2 /NDF: 34.7/24

Right Out: -51.334 $\pm$ 70.946 χ^2 /NDF: 1.7/4

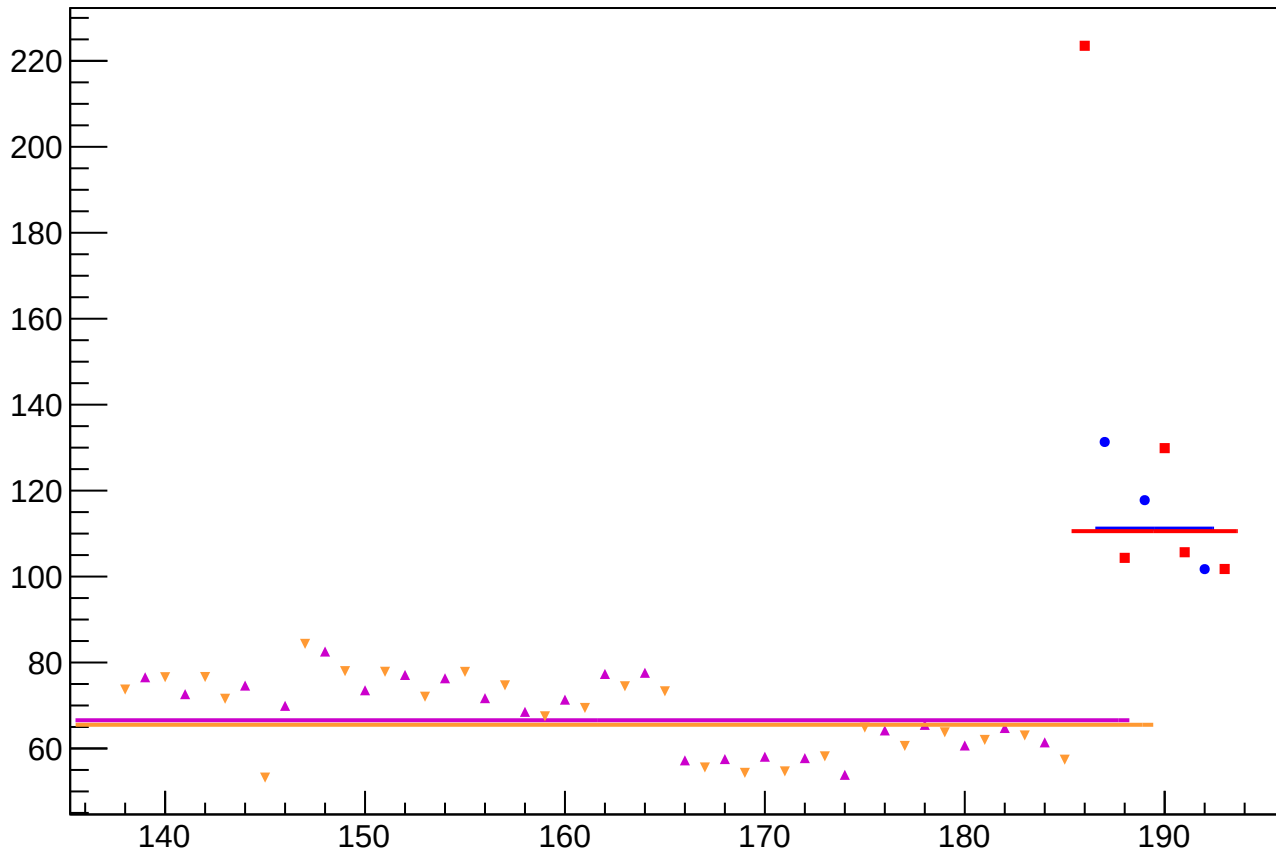
Left In: 24.293 $\pm$ 16.034 χ^2 /NDF: 21.1/22

+ sign -8.694 $\pm$ 15.319 χ^2 /NDF: 35.0/27

All: 5.659 $\pm$ 10.944 χ^2 /NDF: 60.7/55

- sign 20.618 $\pm$ 15.639 χ^2 /NDF: 23.9/27

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 111.158 $\pm$ 0.077 χ^2 /NDF: 17203.6/2

Left Out: 65.512 $\pm$ 0.011 χ^2 /NDF: 666993.4/24

Right Out: 110.568 $\pm$ 0.050 χ^2 /NDF: 222832.0/4

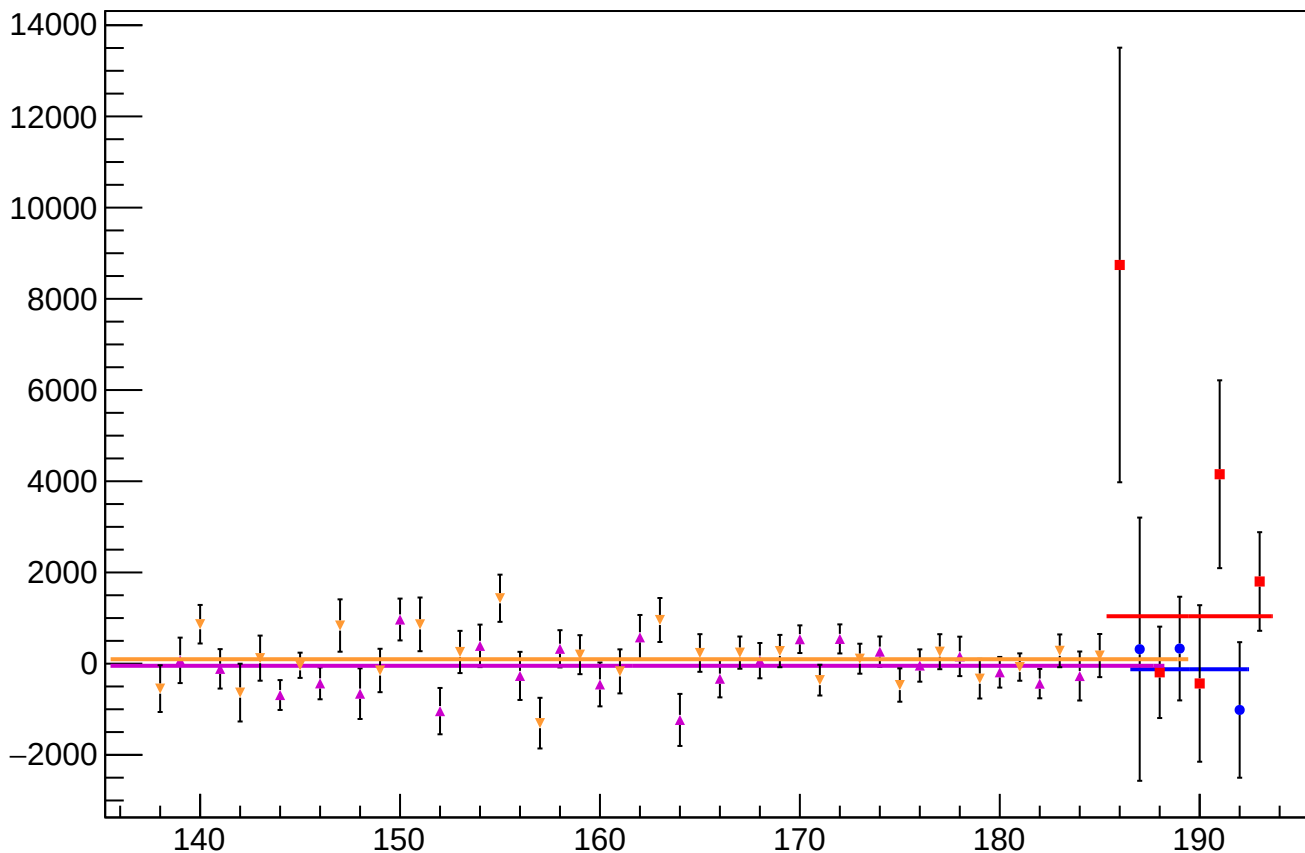
Left In: 66.564 $\pm$ 0.011 χ^2 /NDF: 521302.1/22

+ sign 66.405 $\pm$ 0.011 χ^2 /NDF: 1024912.0/27

All: 67.530 $\pm$ 0.008 χ^2 /NDF: 2523110.6/55

- sign 68.702 $\pm$ 0.011 χ^2 /NDF: 1476184.2/27

asym_sam_15_26_dd_correction_mean vs Slug



Right In: -122.599 ± 861.641 χ^2/NDF : 0.5/2

Left Out: 97.420 ± 82.238 χ^2/NDF : 33.3/24

Right Out: 1039.876 ± 636.197 χ^2/NDF : 7.6/4

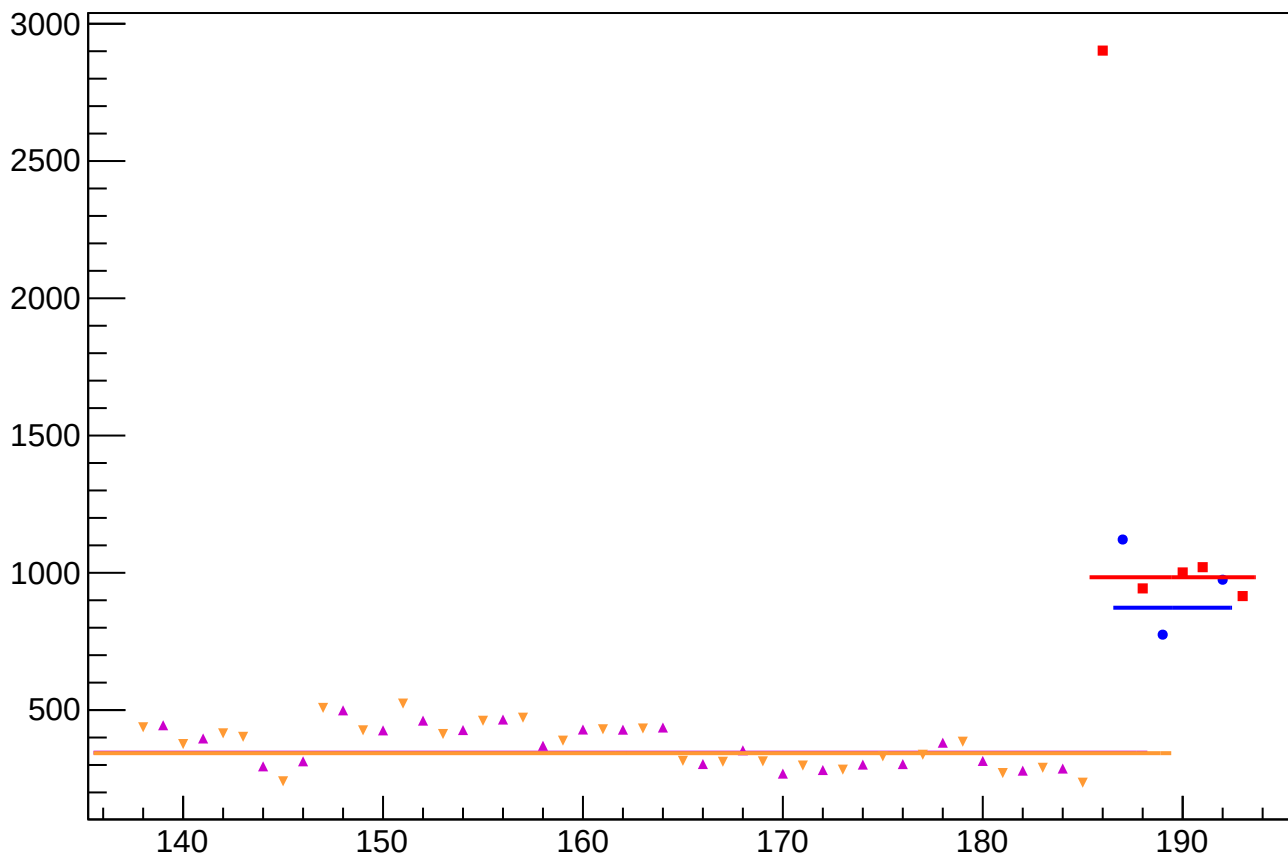
Left In: -46.660 ± 83.857 χ^2/NDF : 34.2/22

+ sign 95.434 ± 81.866 χ^2/NDF : 33.9/27

All: 34.617 ± 58.333 χ^2/NDF : 79.8/55

- sign -28.105 ± 83.138 χ^2/NDF : 44.7/27

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 872.862 $\pm$ 0.609 χ^2/NDF : 39135.7/2

Left Out: 342.995 $\pm$ 0.058 χ^2/NDF : 1665121.0/24

Right Out: 983.822 $\pm$ 0.450 χ^2/NDF : 336380.5/4

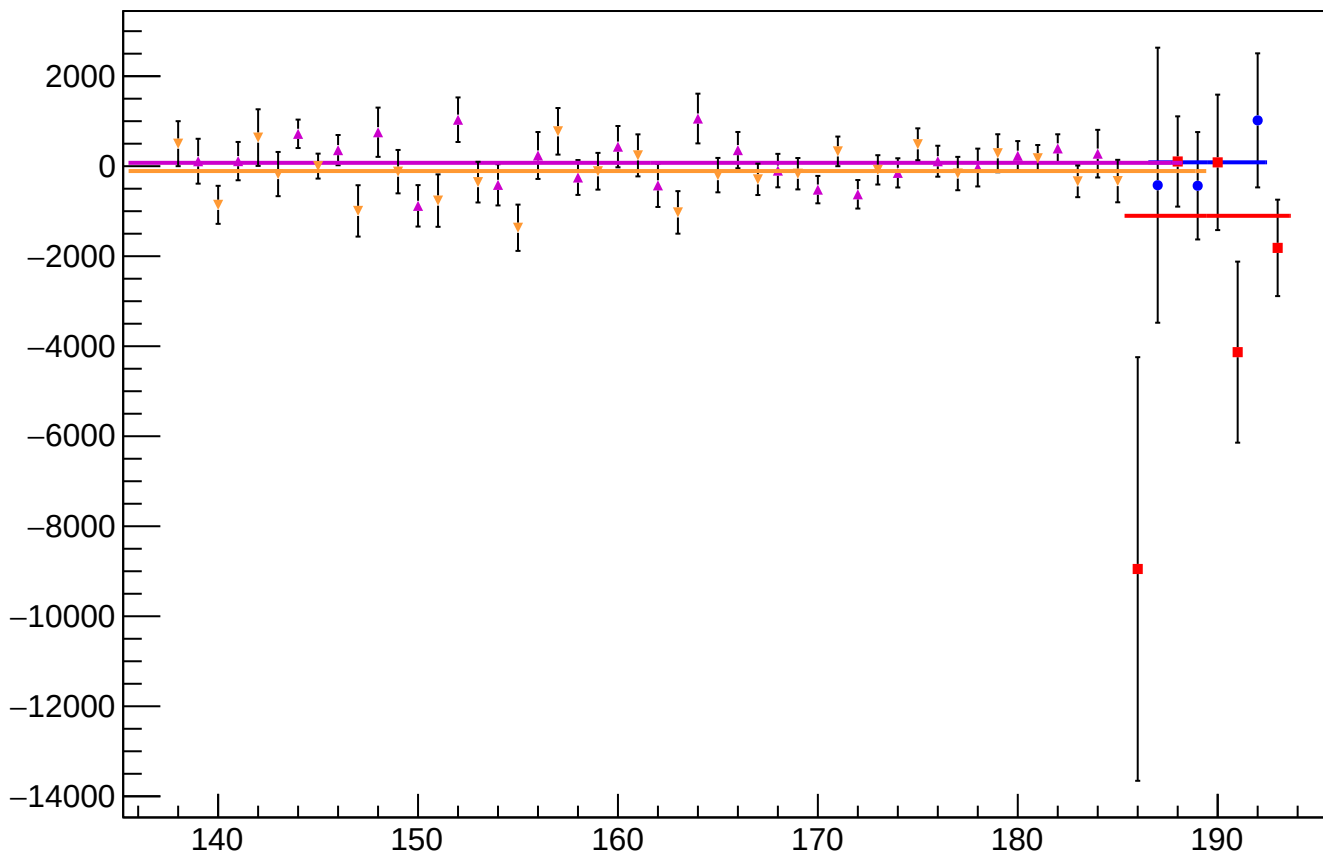
Left In: 344.818 $\pm$ 0.059 χ^2/NDF : 1264545.0/22

+ sign 347.778 $\pm$ 0.058 χ^2/NDF : 2453757.2/27

All: 351.693 $\pm$ 0.041 χ^2/NDF : 6047200.7/55

- sign 355.731 $\pm$ 0.059 χ^2/NDF : 3584153.8/27

asym_sam_15_26_dd_mean vs Slug



Right In: 86.013 ± 890.735 χ^2/NDF : 0.6/2

Left Out: -108.037 ± 80.579 χ^2/NDF : 30.9/24

Right Out: -1102.352 ± 620.260 χ^2/NDF : 7.6/4

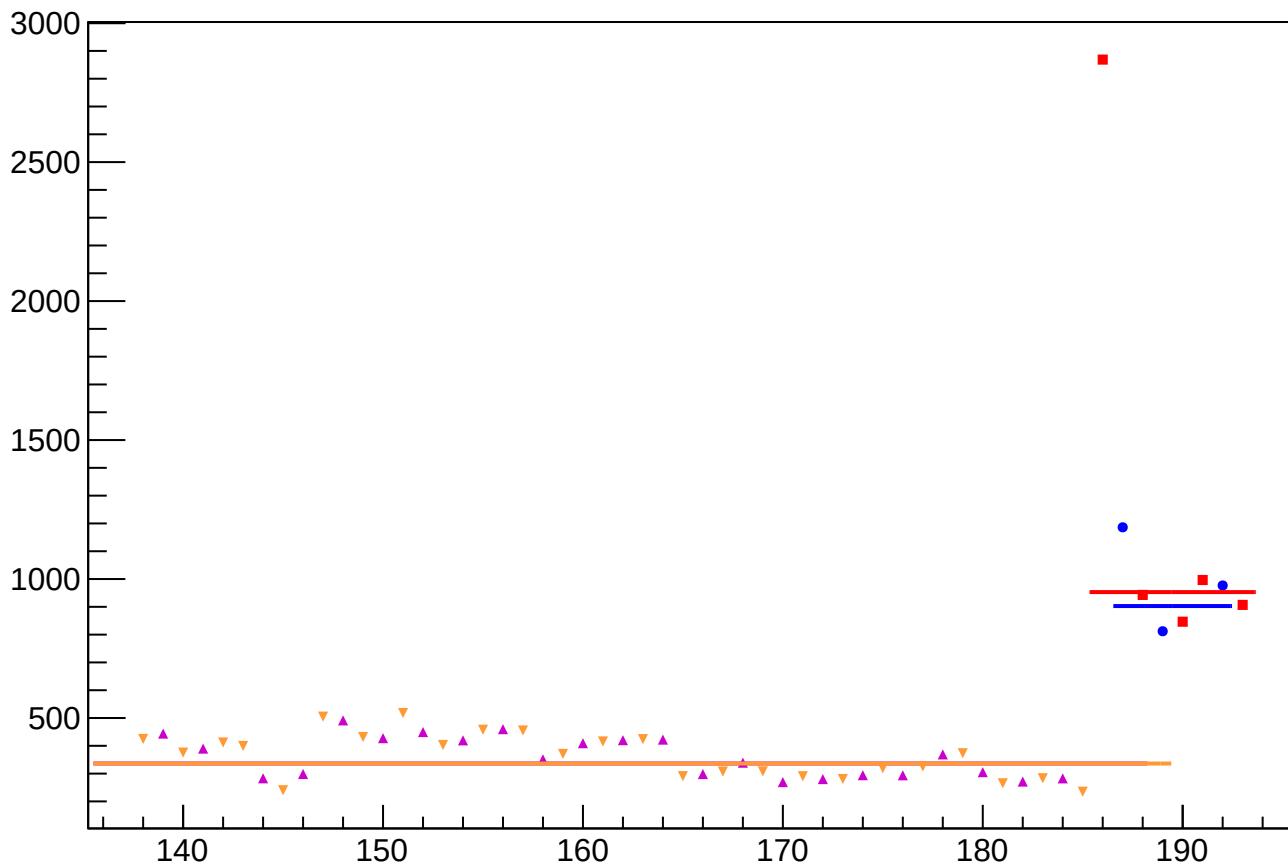
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign -106.461 ± 80.252 χ^2/NDF : 31.5/27

All: -26.827 ± 57.094 χ^2/NDF : 77.3/55

- sign 54.787 ± 81.243 χ^2/NDF : 43.8/27

asym_sam_15_26_dd_rms vs Slug



Right In: 902.804 ± 0.630 χ^2/NDF : 33674.8/2

Left Out: 336.231 ± 0.057 χ^2/NDF : 1659693.0/24

Right Out: 952.997 ± 0.439 χ^2/NDF : 346279.7/4

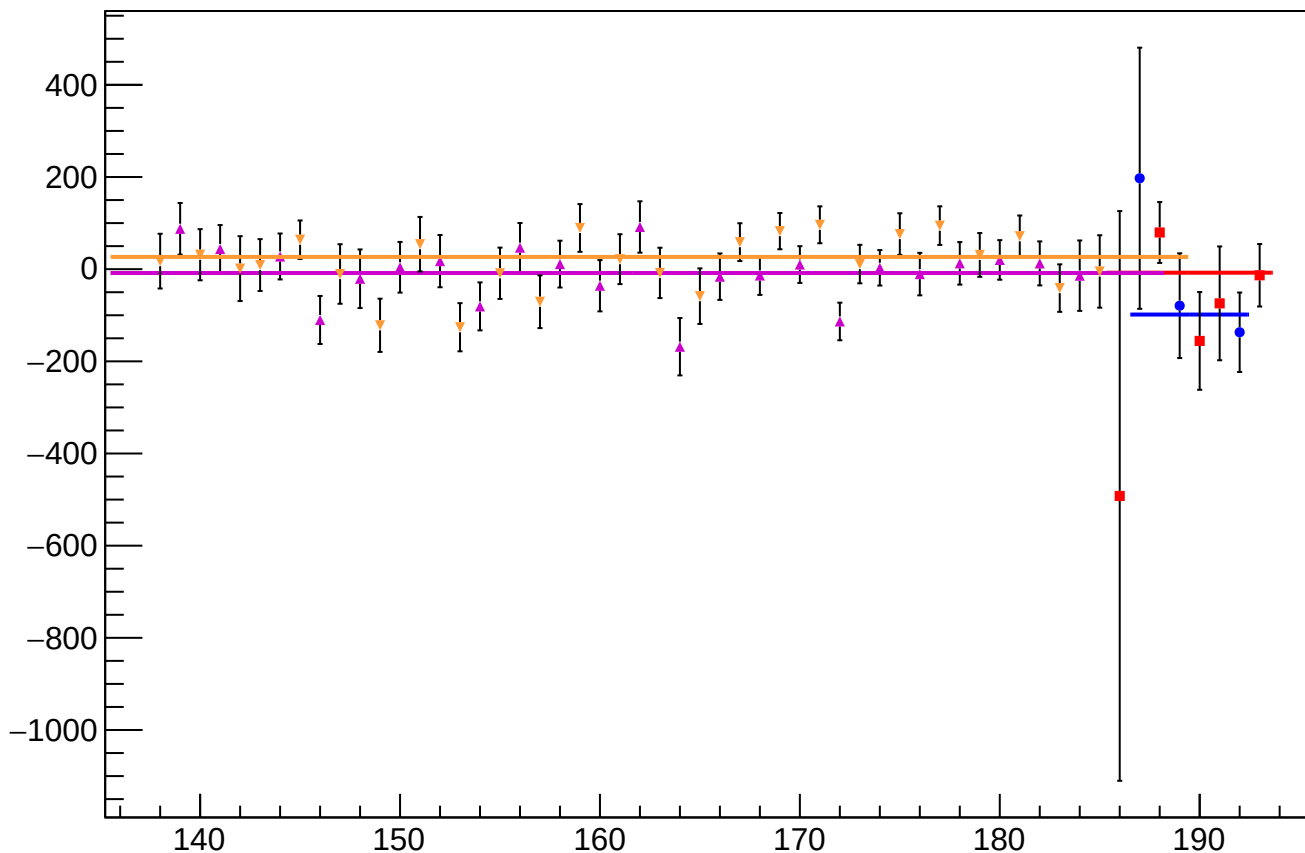
Left In: 336.396 ± 0.058 χ^2/NDF : 1269587.6/22

+ sign 340.830 ± 0.057 χ^2/NDF : 2495979.7/27

All: 343.865 ± 0.040 χ^2/NDF : 6060205.0/55

- sign 346.975 ± 0.057 χ^2/NDF : 3558434.9/27

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -98.460 ± 66.738 $\chi^2/\text{NDF}: 1.3/2$

Left Out: 26.633 ± 10.090 $\chi^2/\text{NDF}: 36.5/24$

Right Out: -7.642 ± 40.684 $\chi^2/\text{NDF}: 4.6/4$

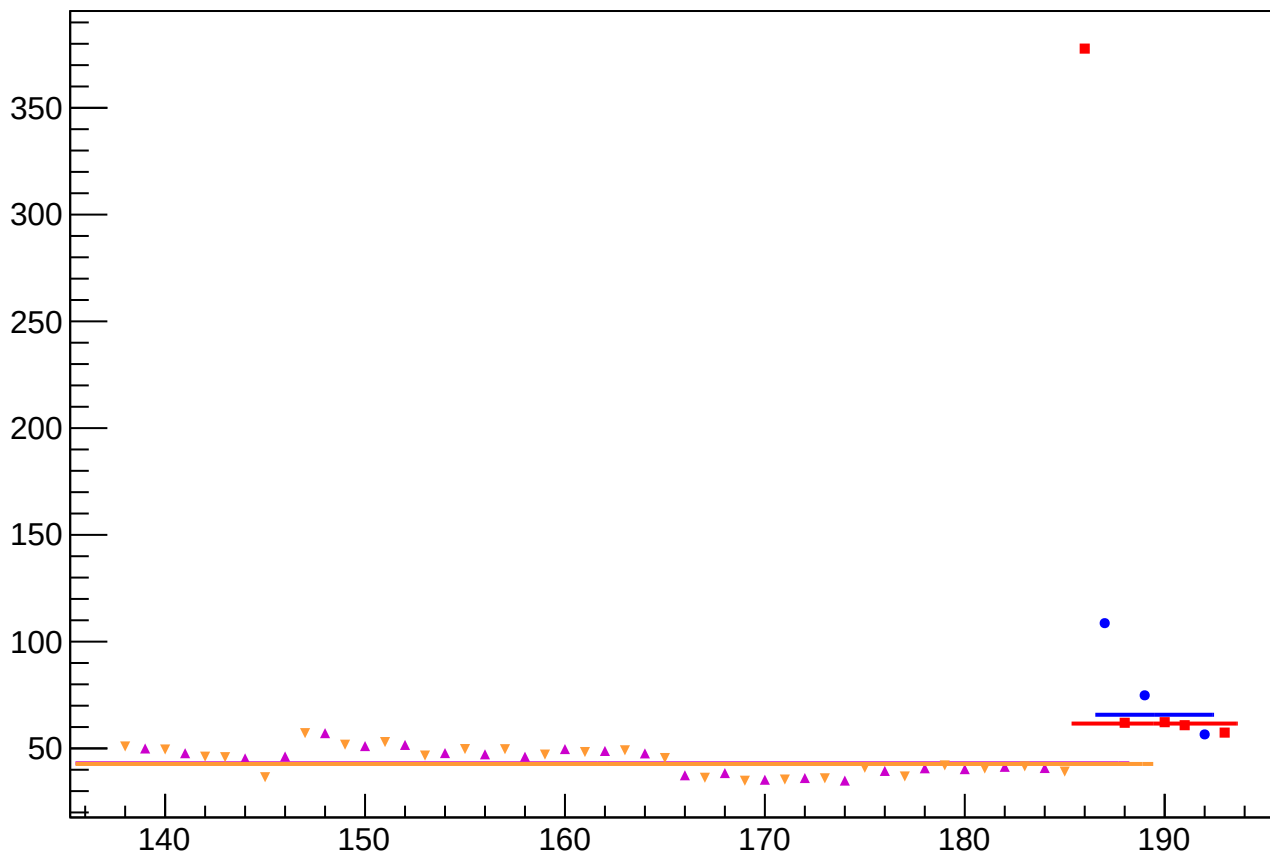
Left In: -8.325 ± 10.361 $\chi^2/\text{NDF}: 29.6/22$

+ sign 23.837 ± 9.977 $\chi^2/\text{NDF}: 41.2/27$

All: 7.878 ± 7.077 $\chi^2/\text{NDF}: 80.6/55$

- sign -8.283 ± 10.040 $\chi^2/\text{NDF}: 34.2/27$

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 65.755+/-0.047 χ^2/NDF : 81471.2/2

Left Out: 42.716+/-0.007 χ^2/NDF : 771558.7/24

Right Out: 61.628+/-0.029 χ^2/NDF : 531056.8/4

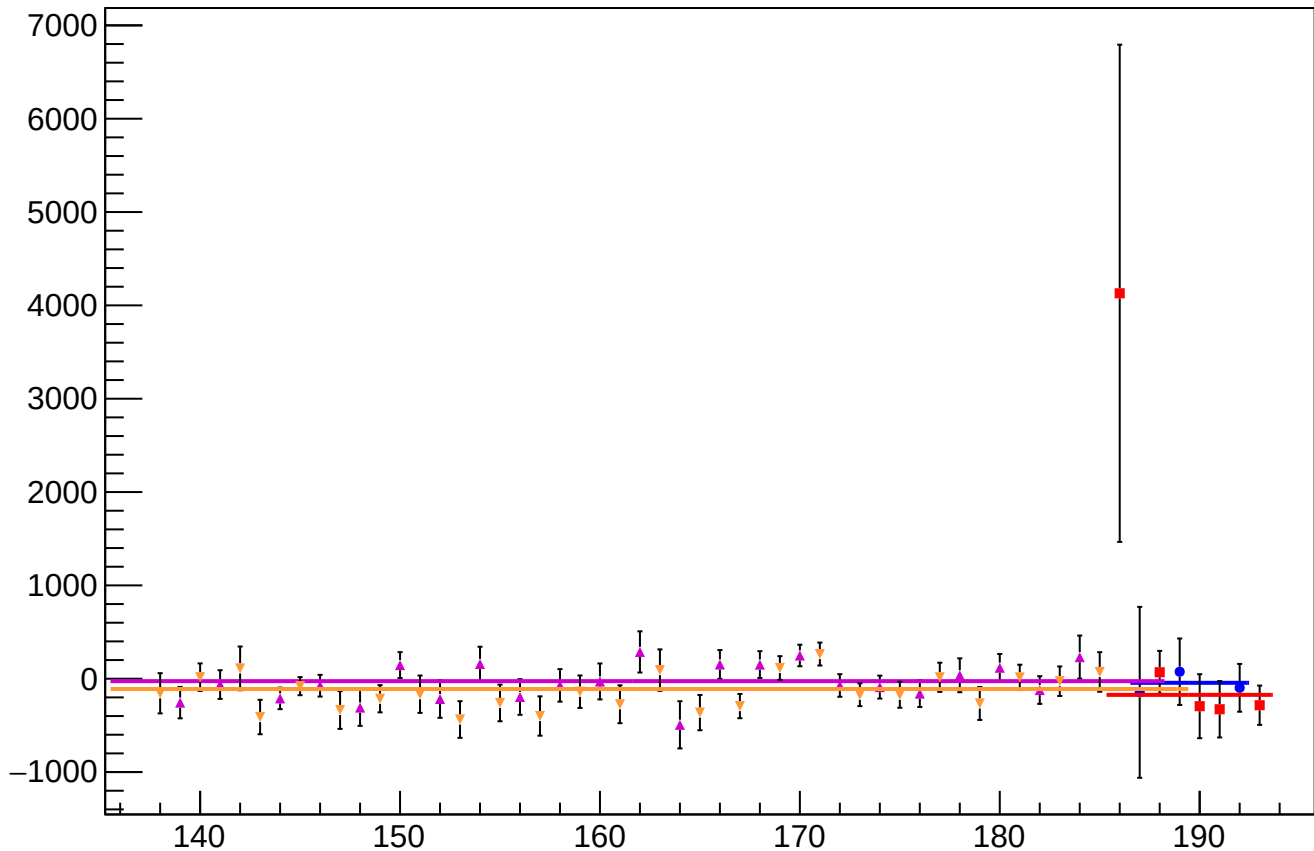
Left In: 43.021+/-0.007 χ^2/NDF : 642598.9/22

+ sign 43.231+/-0.007 χ^2/NDF : 1086046.6/27

All: 43.690+/-0.005 χ^2/NDF : 2661052.9/55

- sign 44.155+/-0.007 χ^2/NDF : 1566486.7/27

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -43.720 ± 202.744 χ^2/NDF : 0.2/2

Left Out: -110.340 ± 31.717 χ^2/NDF : 33.0/24

Right Out: -172.900 ± 127.757 χ^2/NDF : 4.4/4

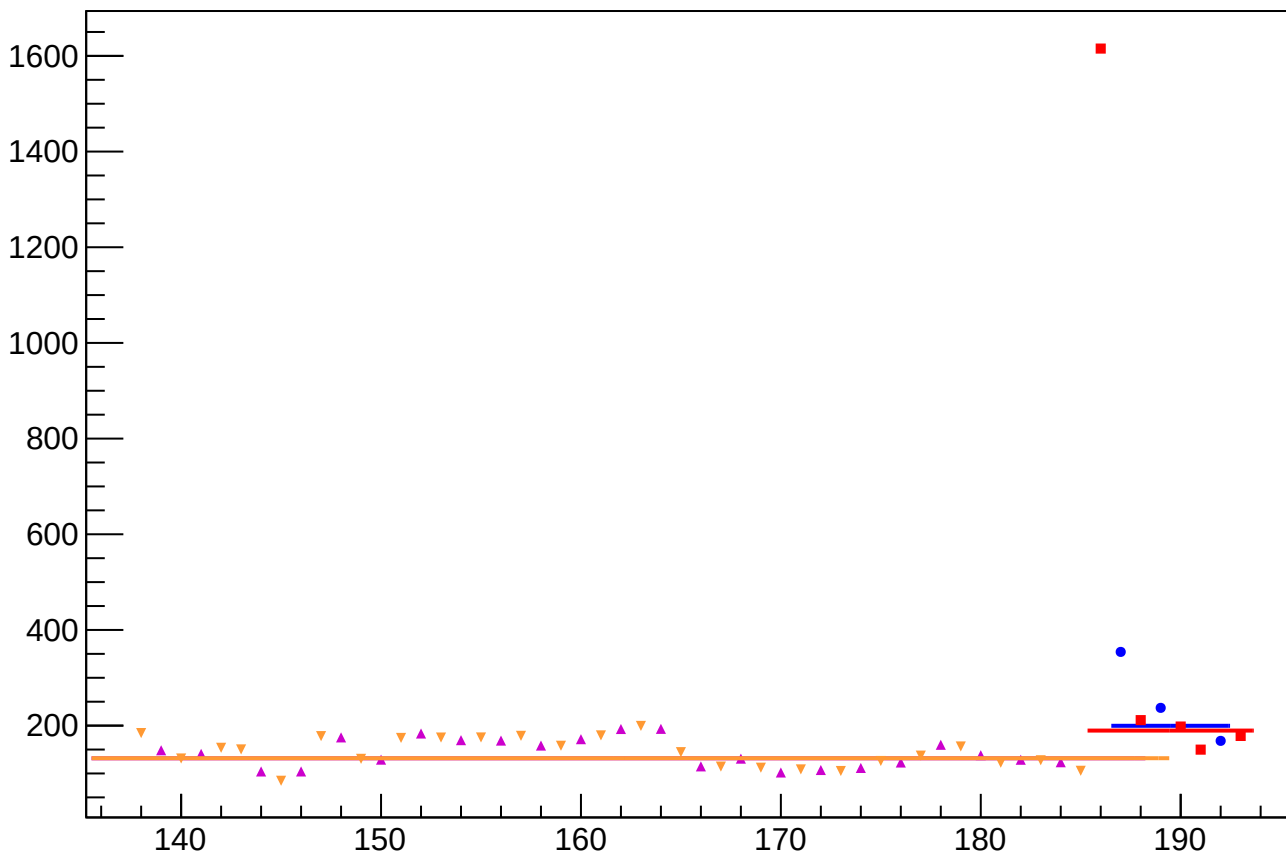
Left In: -25.828 ± 32.100 χ^2/NDF : 29.0/22

+ sign -108.749 ± 31.336 χ^2/NDF : 33.2/27

All: -71.413 ± 22.085 χ^2/NDF : 70.7/55

- sign -34.561 ± 31.132 χ^2/NDF : 34.7/27

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 199.651 $\pm$ 0.143 χ^2 /NDF: 109354.0/2

Left Out: 131.875 $\pm$ 0.022 χ^2 /NDF: 1806379.2/24

Right Out: 189.644 $\pm$ 0.090 χ^2 /NDF: 632796.5/4

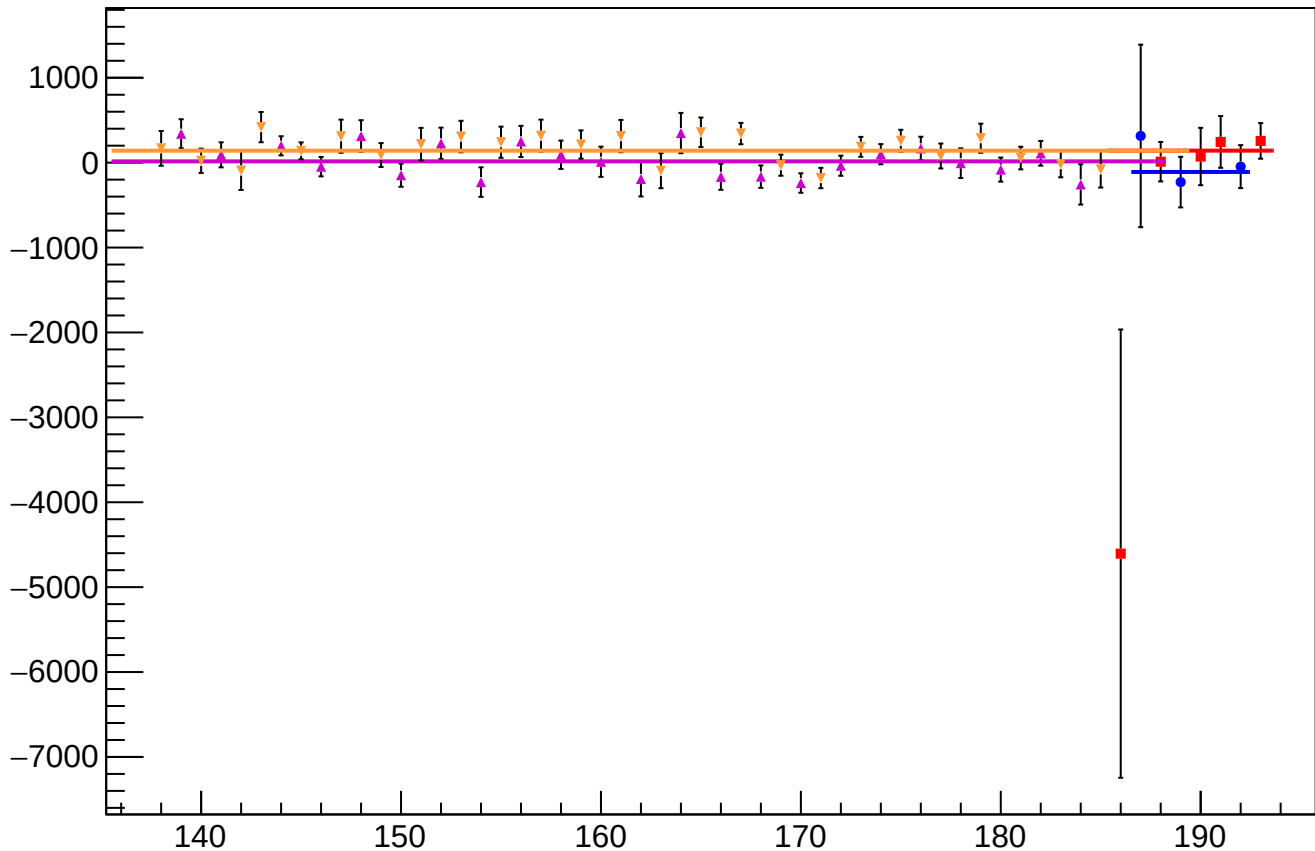
Left In: 131.630 $\pm$ 0.023 χ^2 /NDF: 1403692.5/22

+ sign 133.494 $\pm$ 0.022 χ^2 /NDF: 2133897.8/27

All: 134.289 $\pm$ 0.016 χ^2 /NDF: 4560871.5/55

- sign 135.074 $\pm$ 0.022 χ^2 /NDF: 2424412.1/27

asym_sam_37_26_dd_mean vs Slug



Right In: -109.469 ± 189.852 χ^2/NDF : 0.4/2

Left Out: 141.008 ± 30.636 χ^2/NDF : 27.1/24

Right Out: 141.631 ± 128.112 χ^2/NDF : 4.0/4

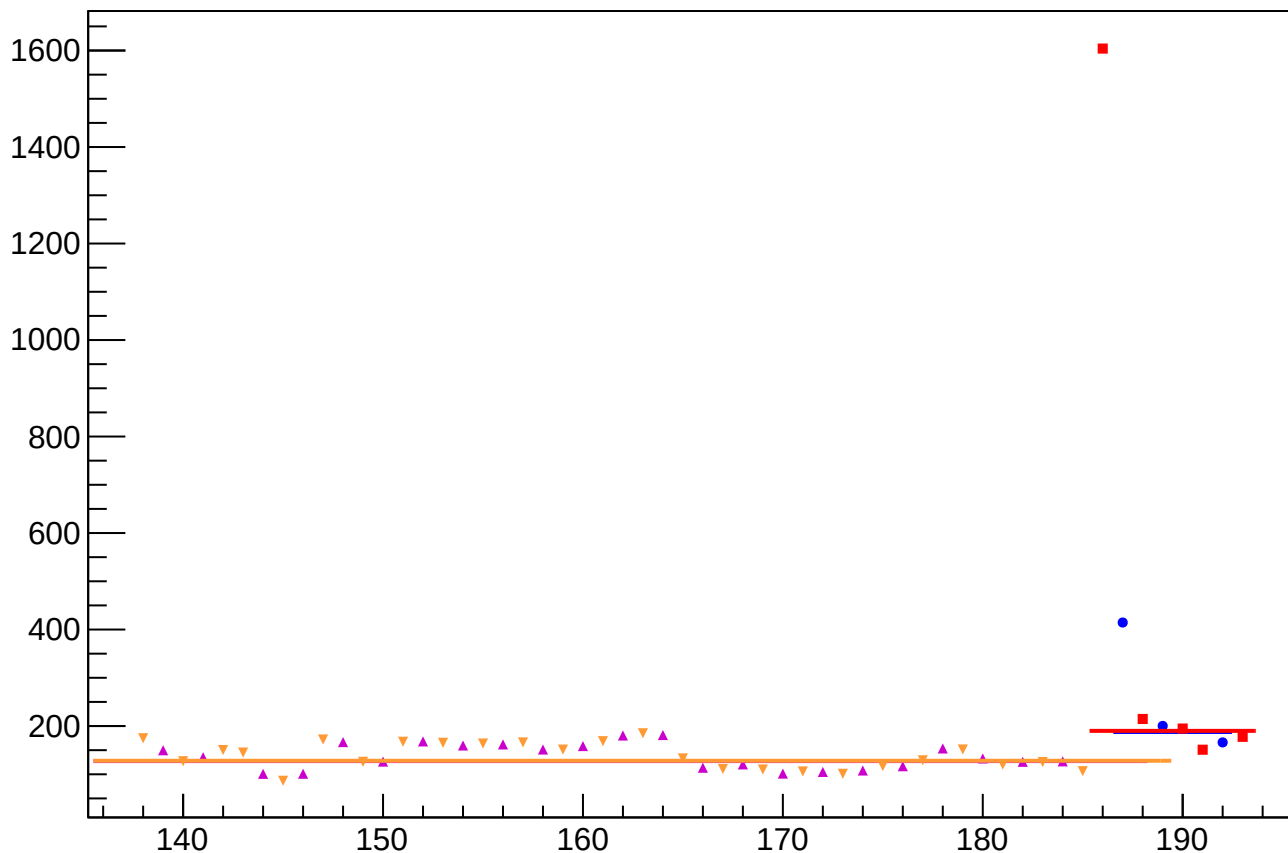
Left In: 15.199 ± 31.033 χ^2/NDF : 31.4/22

+ sign 134.651 ± 30.244 χ^2/NDF : 29.2/27

All: 78.273 ± 21.356 χ^2/NDF : 72.4/55

- sign 22.206 ± 30.161 χ^2/NDF : 36.3/27

asym_sam_37_26_dd_rms vs Slug



Right In: 187.688 $\pm$ 0.134 χ^2 /NDF: 107269.6/2

Left Out: 128.060 $\pm$ 0.022 χ^2 /NDF: 1530283.7/24

Right Out: 189.999 $\pm$ 0.091 χ^2 /NDF: 636358.0/4

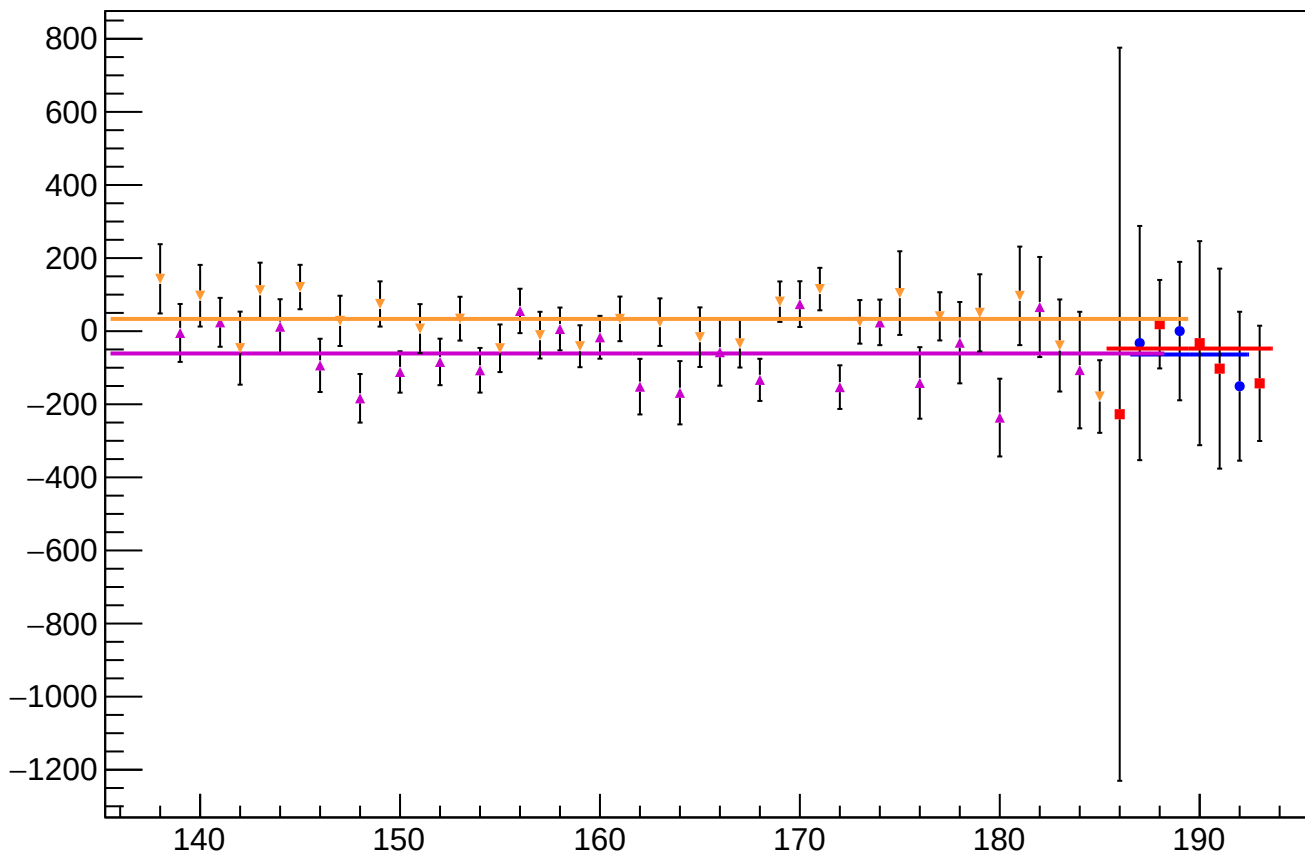
Left In: 127.380 $\pm$ 0.022 χ^2 /NDF: 1229899.0/22

+ sign 129.573 $\pm$ 0.021 χ^2 /NDF: 1829835.8/27

All: 130.213 $\pm$ 0.015 χ^2 /NDF: 4149222.2/55

- sign 130.850 $\pm$ 0.021 χ^2 /NDF: 2317597.4/27

dit_asym_sam_1357_avg_mean vs Slug



Right In: -63.812 ± 127.297 χ^2/NDF : 0.3/2

Left Out: 33.535 ± 14.197 χ^2/NDF : 19.7/24

Right Out: -47.562 ± 85.868 χ^2/NDF : 0.7/4

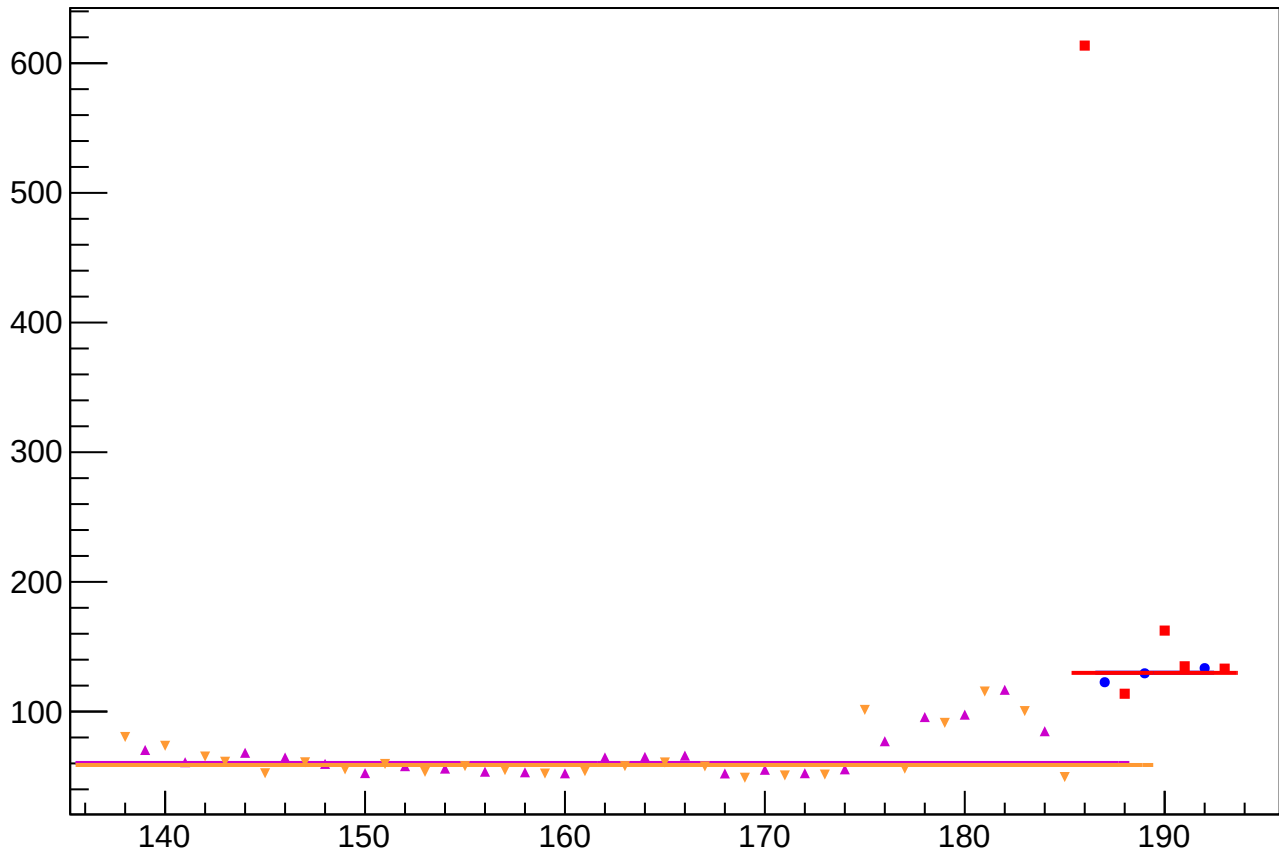
Left In: -60.992 ± 14.839 χ^2/NDF : 31.6/22

+ sign 32.339 ± 14.109 χ^2/NDF : 20.6/27

All: -12.472 ± 10.153 χ^2/NDF : 73.8/55

- sign -60.602 ± 14.622 χ^2/NDF : 32.4/27

dit_asym_sam_1357_avg_rms vs Slug



Right In: 129.967 $\pm$ 0.090 χ^2 /NDF: 1663.7/2

Left Out: 58.793 $\pm$ 0.010 χ^2 /NDF: 1460561.7/24

Right Out: 129.829 $\pm$ 0.061 χ^2 /NDF: 529457.0/4

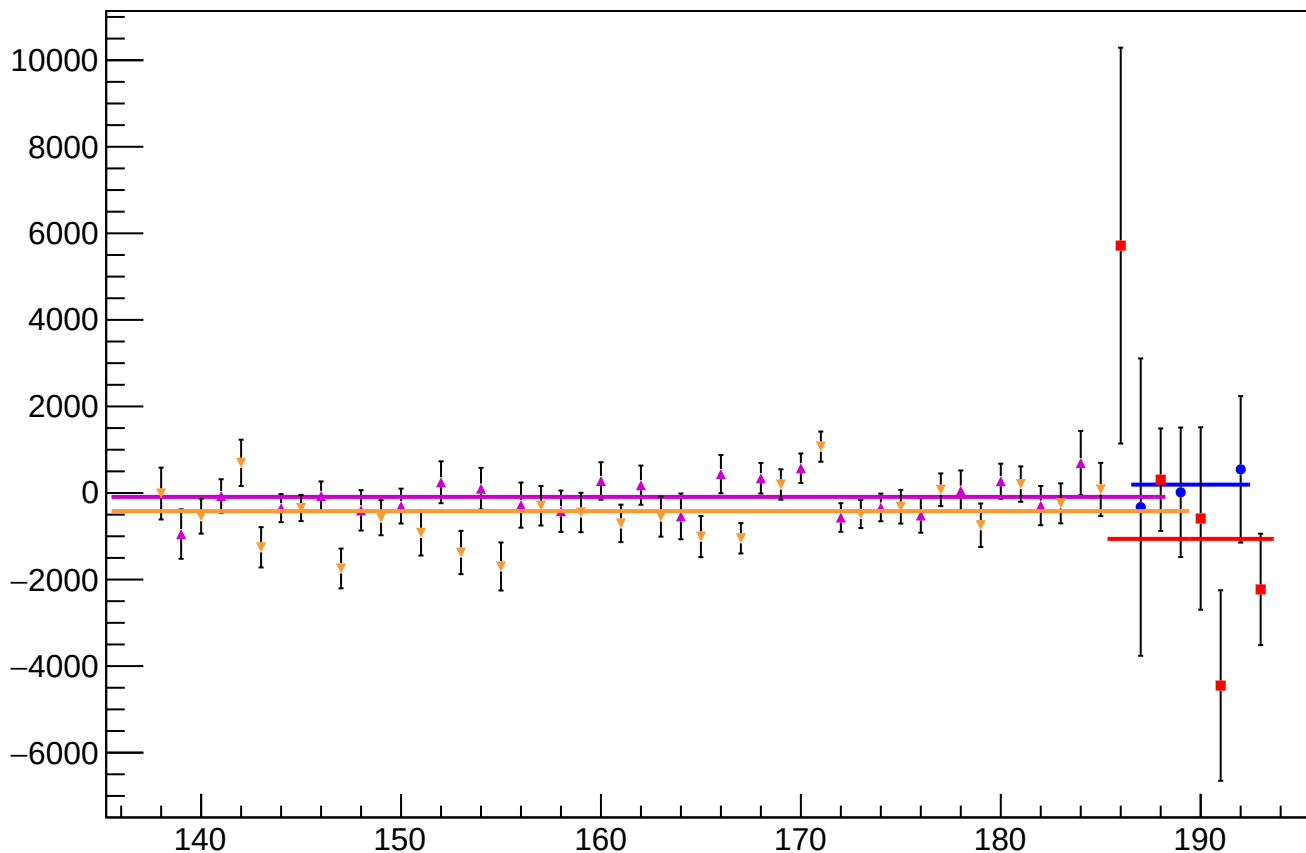
Left In: 60.355 $\pm$ 0.010 χ^2 /NDF: 1217671.4/22

+ sign 59.667 $\pm$ 0.010 χ^2 /NDF: 2079759.8/27

All: 60.970 $\pm$ 0.007 χ^2 /NDF: 5133523.0/55

- sign 62.370 $\pm$ 0.010 χ^2 /NDF: 3018392.8/27

asym_sam_1357_avg_correction_mean vs Slug



Right In: 193.379 $\pm$ 1065.751 χ^2 /NDF: 0.1/2

Left Out: -417.817 $\pm$ 84.969 χ^2 /NDF: 58.5/24

Right Out: -1059.799 $\pm$ 746.271 χ^2 /NDF: 6.8/4

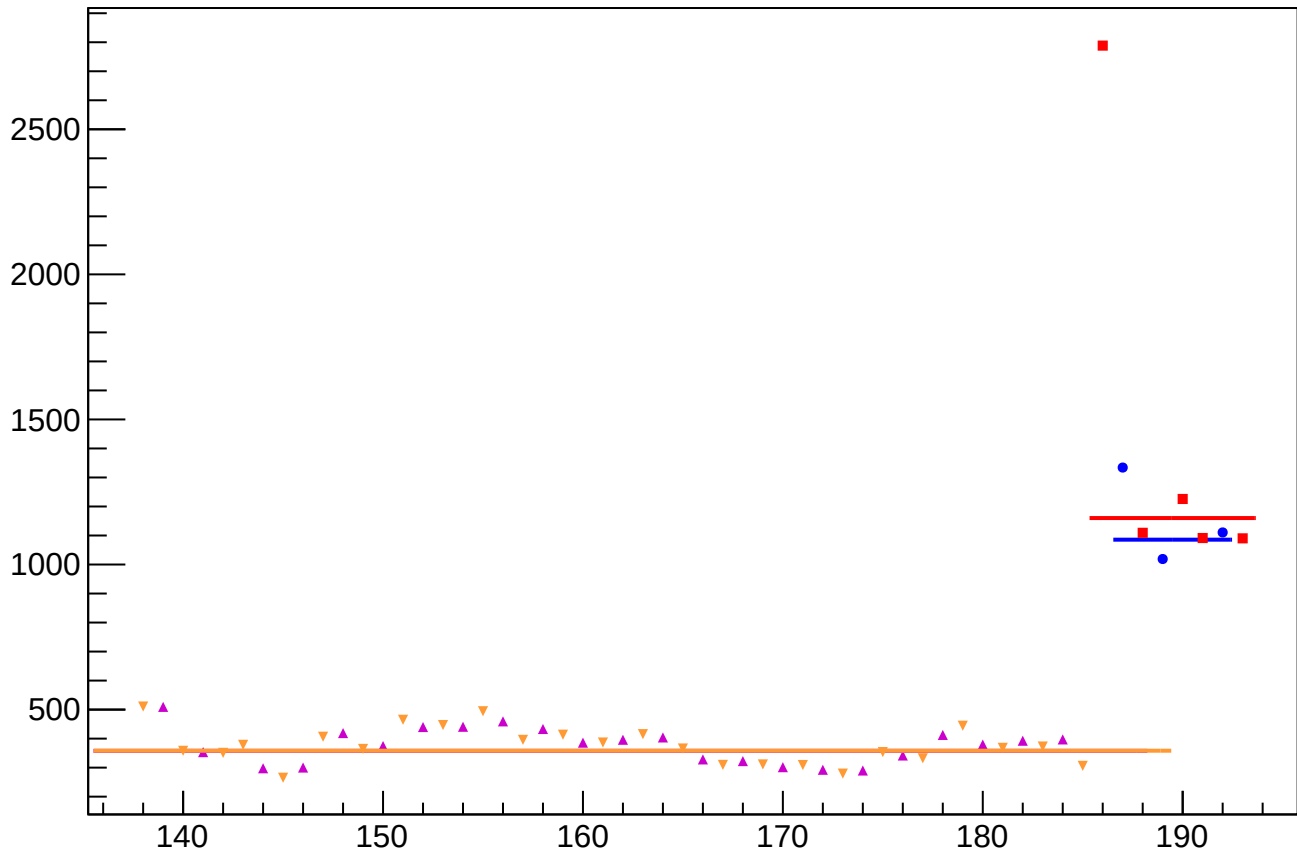
Left In: -89.505 $\pm$ 86.438 χ^2 /NDF: 19.4/22

+ sign -413.957 $\pm$ 84.701 χ^2 /NDF: 58.9/27

All: -260.279 $\pm$ 60.300 χ^2 /NDF: 93.4/55

- sign -102.350 $\pm$ 85.864 χ^2 /NDF: 27.9/27

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1085.657 $\pm$ 0.754 χ^2 /NDF: 14869.0/2

Left Out: 358.349 $\pm$ 0.060 χ^2 /NDF:1011872.8/24

Right Out: 1160.155 $\pm$ 0.528 χ^2 /NDF: 266964.8/4

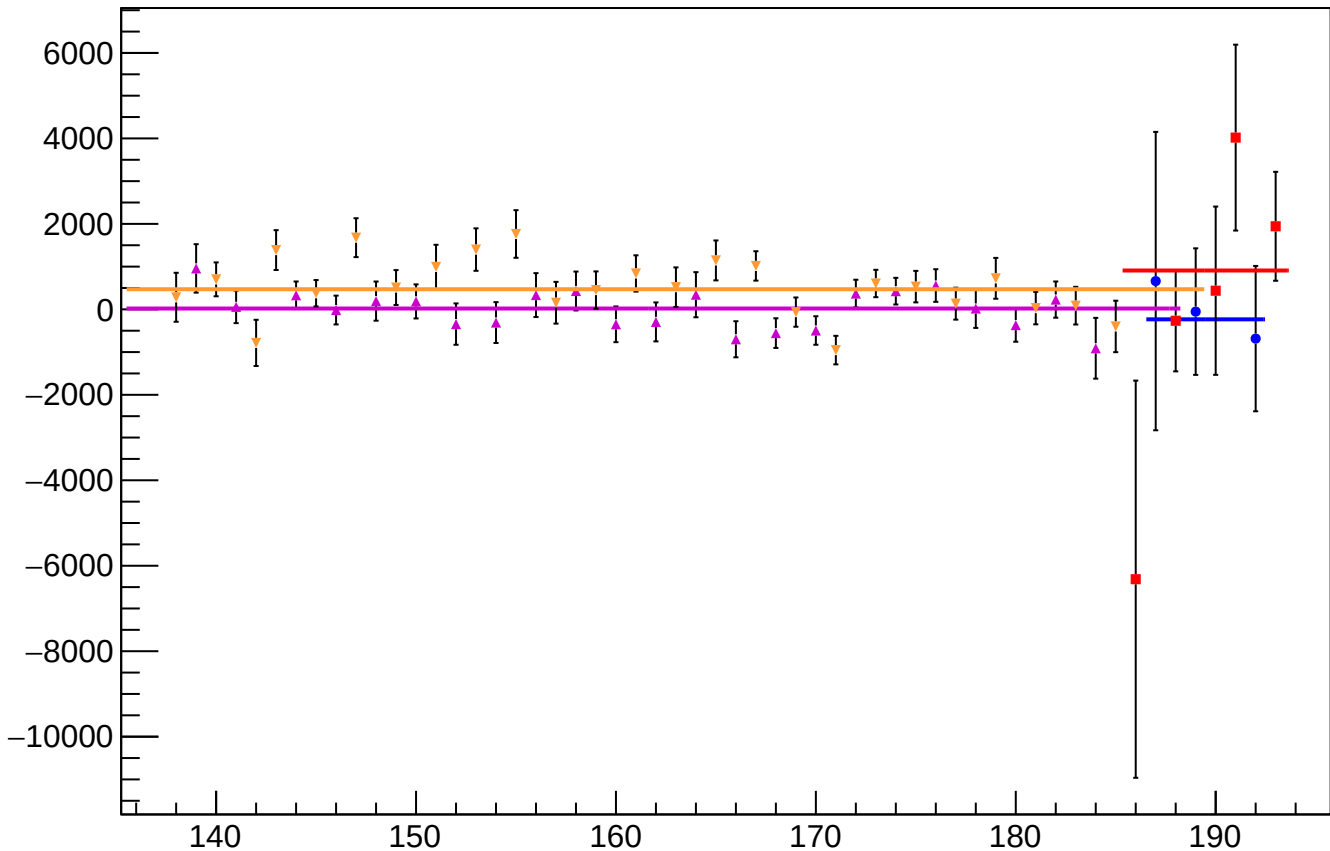
Left In: 357.802 $\pm$ 0.061 χ^2 /NDF:893330.5/22

+ sign 362.943 $\pm$ 0.060 χ^2 /NDF: 1952298.8/27

All: 365.646 $\pm$ 0.043 χ^2 /NDF: 5398013.2/55

- sign 368.423 $\pm$ 0.061 χ^2 /NDF: 3441584.9/27

asym_sam_1357_avg_mean vs Slug



Right In: -233.713 ± 1063.647 χ^2/NDF : 0.2/2

Left Out: 470.804 ± 83.480 χ^2/NDF : 58.7/24

Right Out: 909.208 ± 736.400 χ^2/NDF : 6.2/4

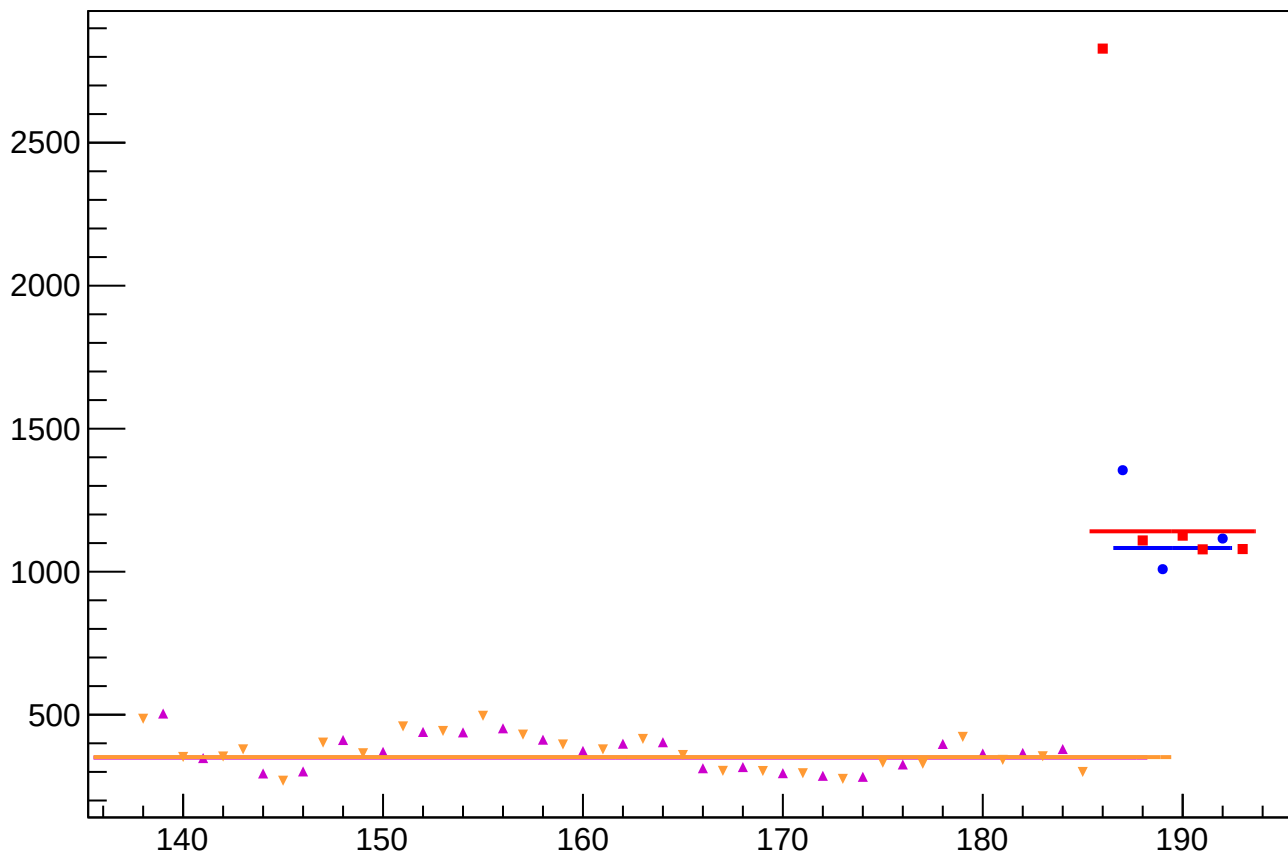
Left In: 19.328 ± 84.679 χ^2/NDF : 23.7/22

+ sign 466.491 ± 83.224 χ^2/NDF : 59.3/27

All: 251.061 ± 59.164 χ^2/NDF : 104.1/55

- sign 30.941 ± 84.125 χ^2/NDF : 31.3/27

asym_sam_1357_avg_rms vs Slug



Right In: 1082.888 $\pm$ 0.752 χ^2 /NDF: 17895.7/2

Left Out: 351.777 $\pm$ 0.059 χ^2 /NDF: 1016791.1/24

Right Out: 1141.176 $\pm$ 0.521 χ^2 /NDF: 271726.9/4

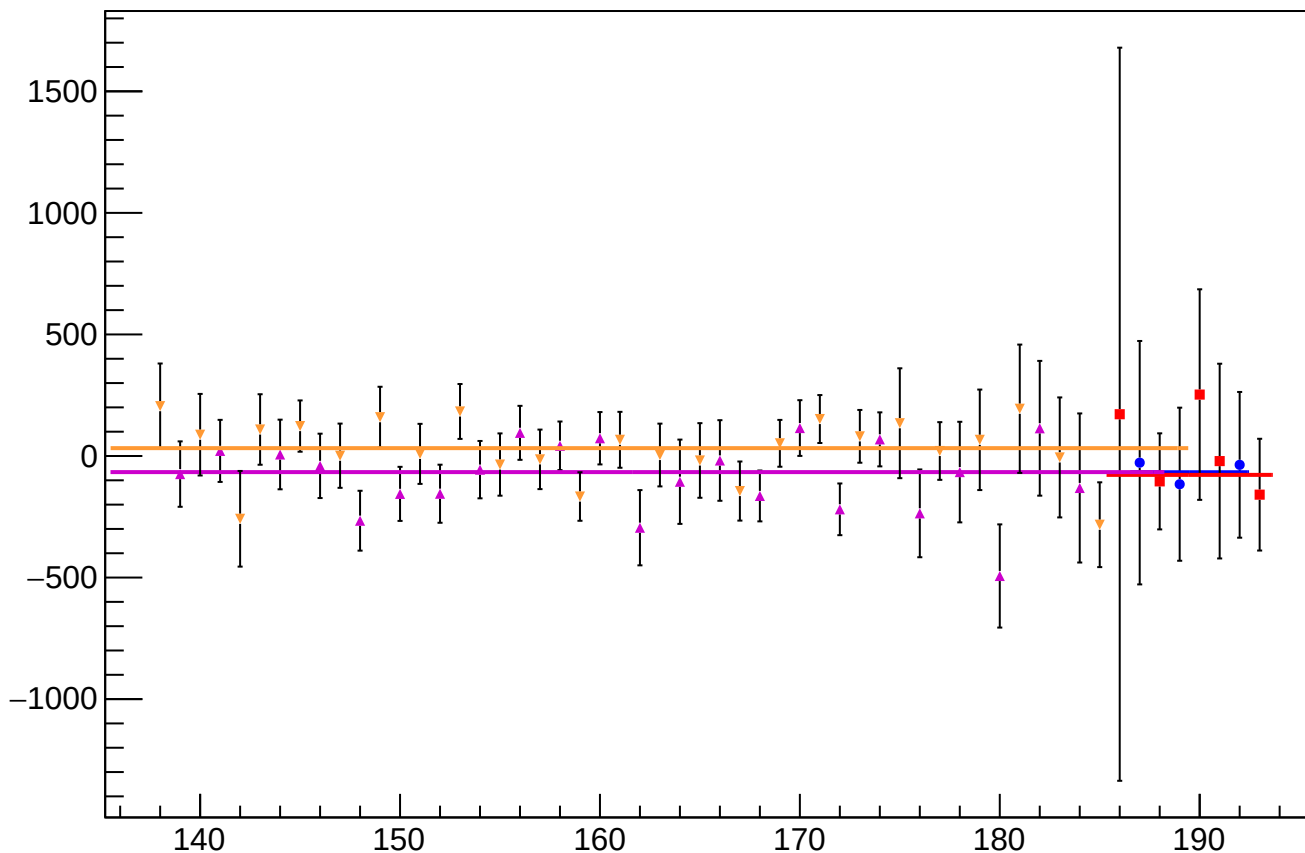
Left In: 350.037 $\pm$ 0.060 χ^2 /NDF: 889435.7/22

+ sign 356.253 $\pm$ 0.059 χ^2 /NDF: 1973836.3/27

All: 358.285 $\pm$ 0.042 χ^2 /NDF: 5415673.4/55

- sign 360.362 $\pm$ 0.059 χ^2 /NDF: 3439426.0/27

dit_asym_sam_2468_avg_mean vs Slug



Right In: -66.822 ± 199.169 χ^2/NDF : 0.0/2

Left Out: 32.332 ± 26.320 χ^2/NDF : 19.6/24

Right Out: -77.637 ± 132.982 χ^2/NDF : 0.8/4

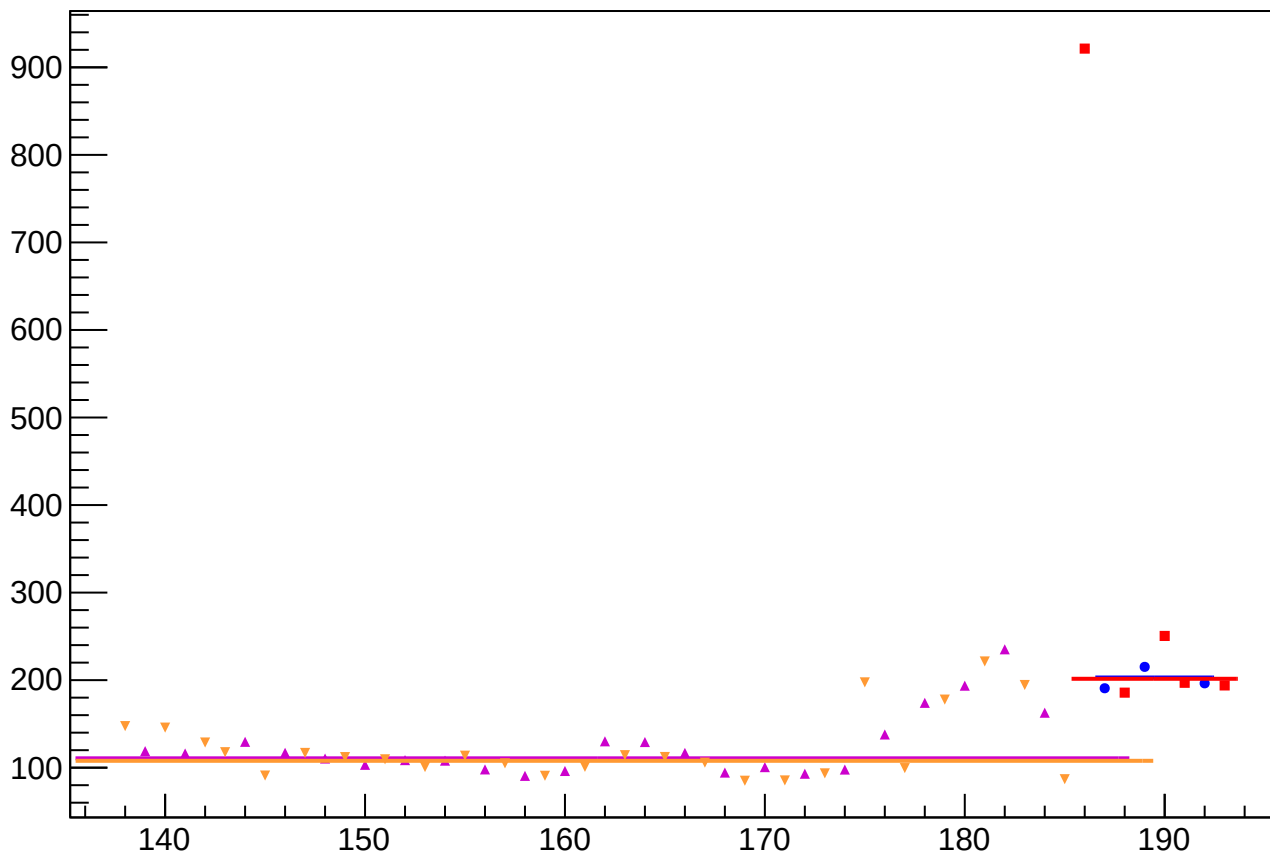
Left In: -66.254 ± 27.450 χ^2/NDF : 24.2/22

+ sign 30.630 ± 26.093 χ^2/NDF : 19.9/27

All: -16.593 ± 18.724 χ^2/NDF : 51.6/55

- sign -66.720 ± 26.884 χ^2/NDF : 25.0/27

dit_asym_sam_2468_avg_rms vs Slug



Right In: 202.995 $\pm$ 0.141 χ^2 /NDF: 5167.1/2

Left Out: 107.852 $\pm$ 0.019 χ^2 /NDF: 1833747.9/24

Right Out: 201.541 $\pm$ 0.094 χ^2 /NDF: 496718.5/4

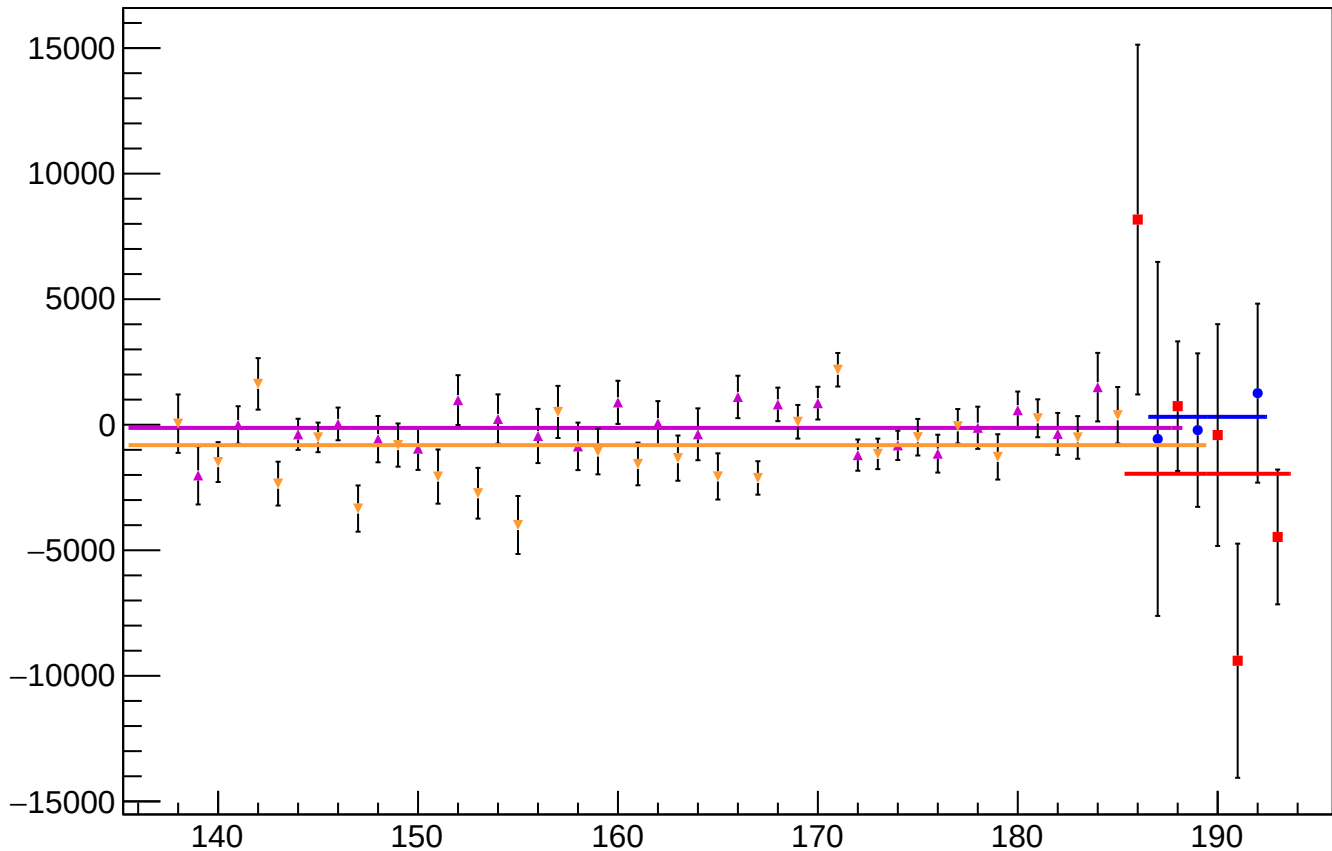
Left In: 110.691 $\pm$ 0.019 χ^2 /NDF: 1406587.3/22

+ sign 109.485 $\pm$ 0.018 χ^2 /NDF: 2287473.6/27

All: 111.871 $\pm$ 0.013 χ^2 /NDF: 5120568.3/55

- sign 114.404 $\pm$ 0.019 χ^2 /NDF: 2798621.4/27

asym_sam_2468_avg_correction_mean vs Slug



Right In: 314.556 $\pm$ 2203.888 χ^2 /NDF: 0.1/2

Left Out: -813.029 $\pm$ 164.102 χ^2 /NDF:66.2/24

Right Out: -1953.165 $\pm$ 1567.854 χ^2 /NDF: 6.8/4

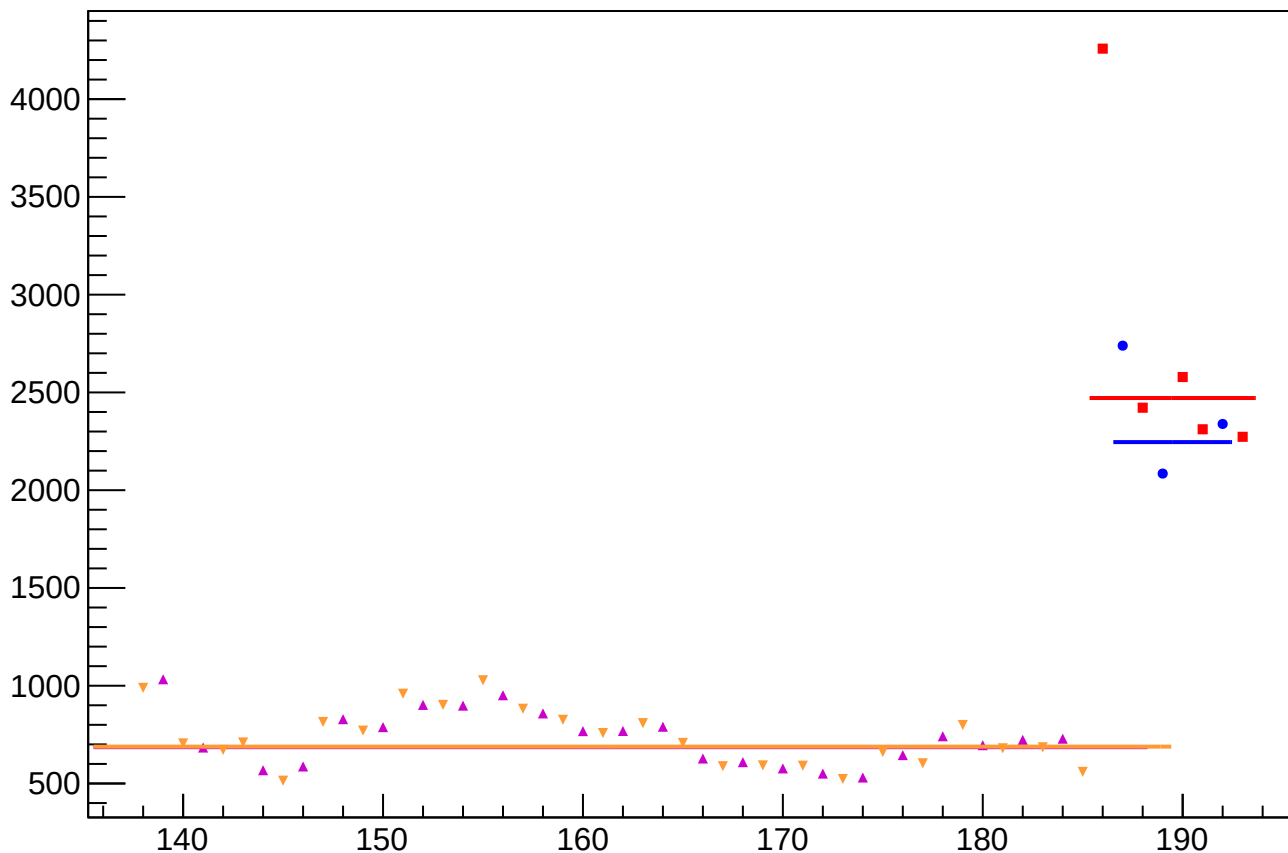
Left In: -127.427 $\pm$ 166.308 χ^2 /NDF:22.8/22

+ sign -806.812 $\pm$ 163.649 χ^2 /NDF: 66.6/27

All: -480.745 $\pm$ 116.325 χ^2 /NDF: 105.4/55

- sign -147.741 $\pm$ 165.381 χ^2 /NDF: 30.8/27

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2245.971+/-1.558 χ^2/NDF : 16692.9/2

Left Out: 688.513+/-0.116 χ^2/NDF : 1287701.8/24

Right Out: 2471.410+/-1.109 χ^2/NDF : 146821.5/4

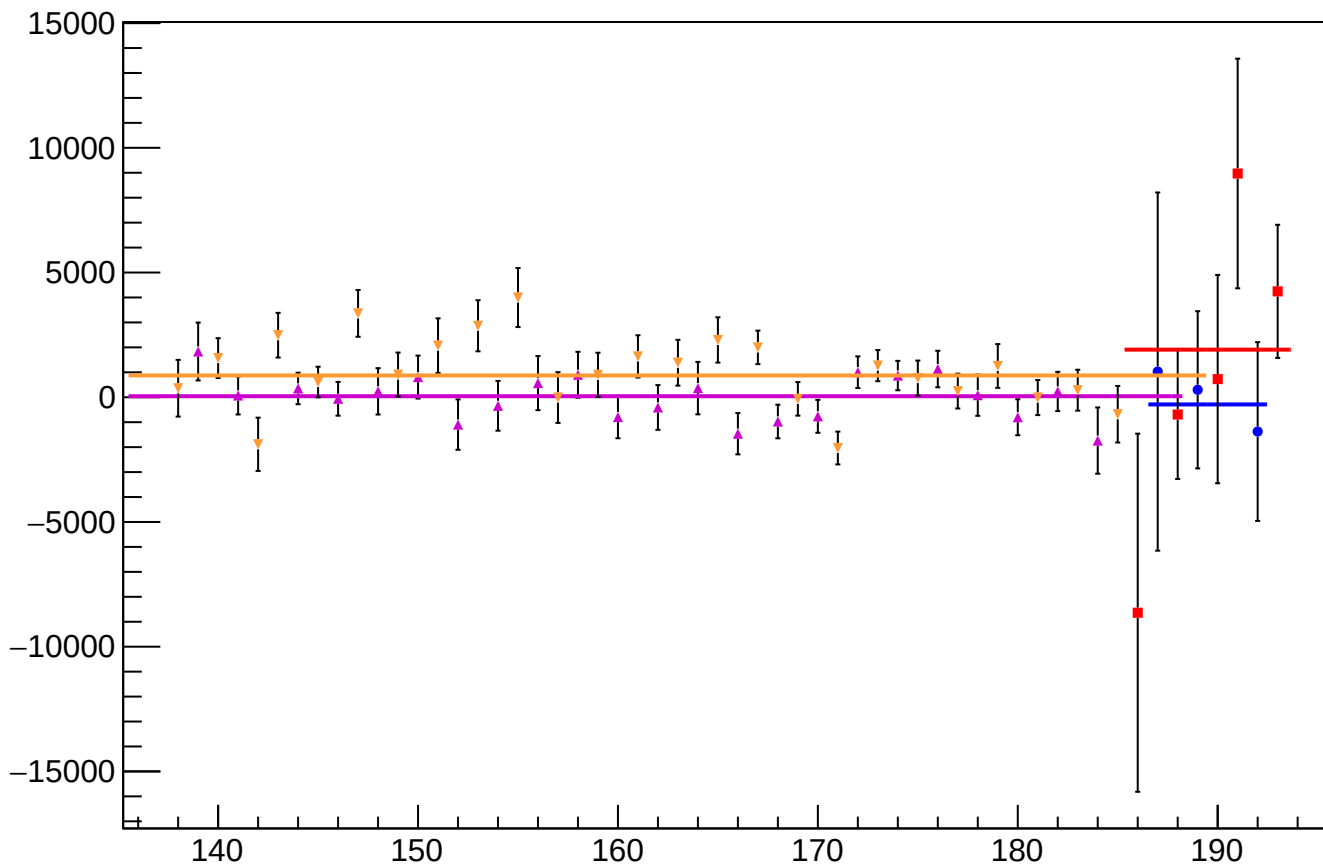
Left In: 685.733+/-0.118 χ^2/NDF : 1156263.7/22

+ sign 697.100+/-0.116 χ^2/NDF : 2297700.2/27

All: 701.306+/-0.082 χ^2/NDF : 6168915.0/55

- sign 705.602+/-0.117 χ^2/NDF : 3868544.4/27

asym_sam_2468_avg_mean vs Slug



Right In: -287.798 ± 2247.552 χ^2/NDF : 0.2/2

Left Out: 873.446 ± 164.269 χ^2/NDF : 64.1/24

Right Out: 1908.362 ± 1554.171 χ^2/NDF : 6.4/4

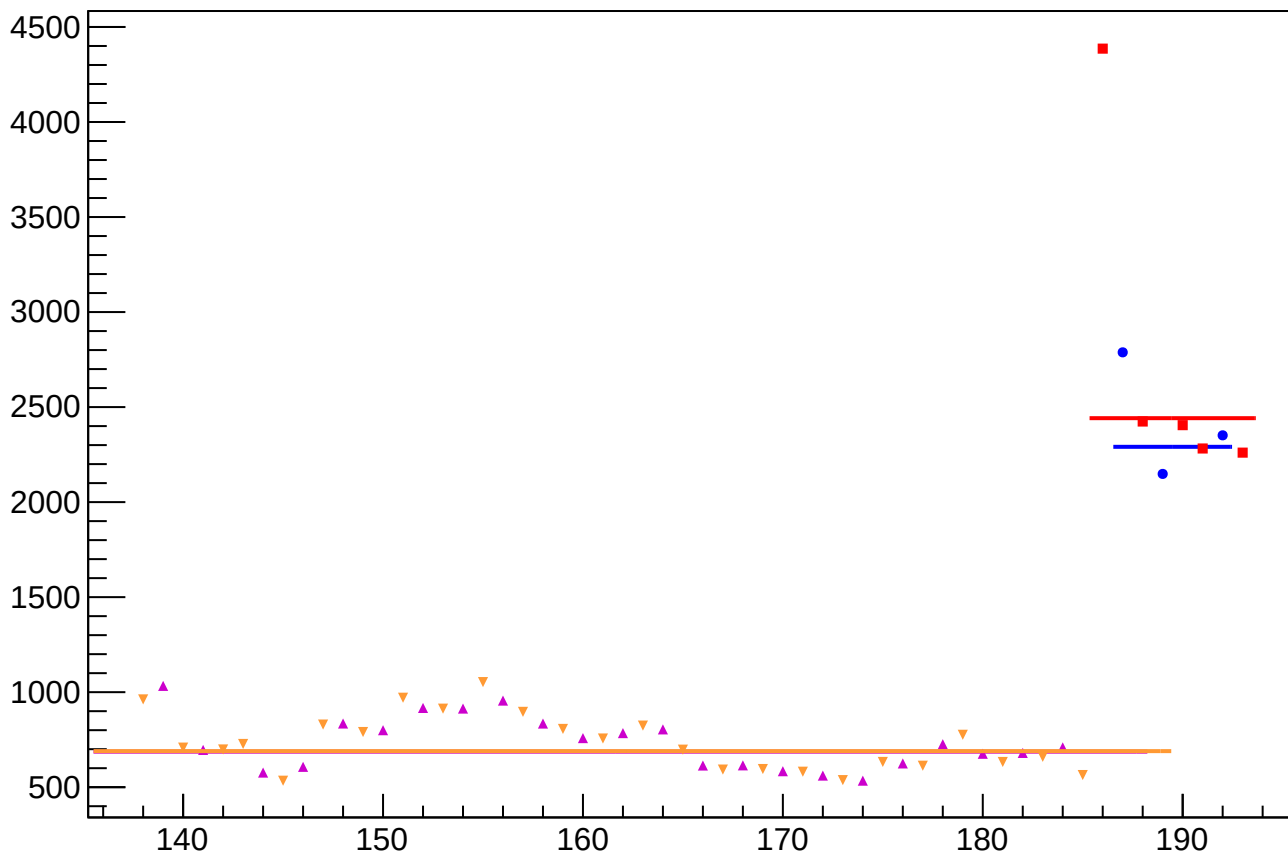
Left In: 41.522 ± 166.728 χ^2/NDF : 24.1/22

+ sign 867.276 ± 163.832 χ^2/NDF : 64.6/27

All: 469.766 ± 116.528 χ^2/NDF : 108.4/55

- sign 62.762 ± 165.776 χ^2/NDF : 31.9/27

asym_sam_2468_avg_rms vs Slug



Right In: 2290.945 $\pm$ 1.589 χ^2 /NDF: 14247.9/2

Left Out: 689.767 $\pm$ 0.116 χ^2 /NDF: 1258608.7/24

Right Out: 2441.674 $\pm$ 1.099 χ^2 /NDF: 158601.5/4

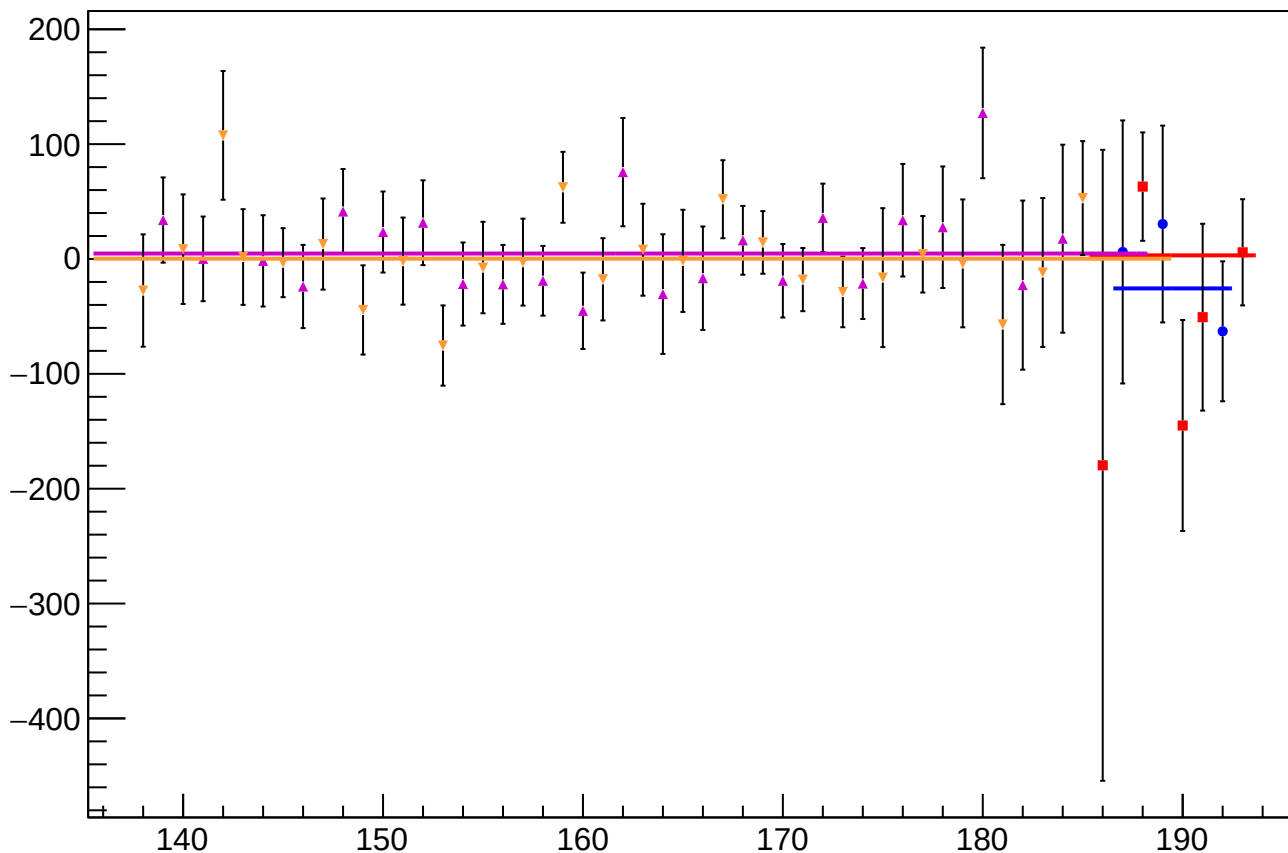
Left In: 686.944 $\pm$ 0.118 χ^2 /NDF: 1116042.4/22

+ sign 698.274 $\pm$ 0.116 χ^2 /NDF: 2282519.3/27

All: 702.540 $\pm$ 0.082 χ^2 /NDF: 6080391.0/55

- sign 706.908 $\pm$ 0.117 χ^2 /NDF: 3795127.2/27

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -25.615 ± 45.556 χ^2/NDF : 0.9/2

Left Out: 0.254 ± 7.690 χ^2/NDF : 20.4/24

Right Out: 3.163 ± 28.869 χ^2/NDF : 5.1/4

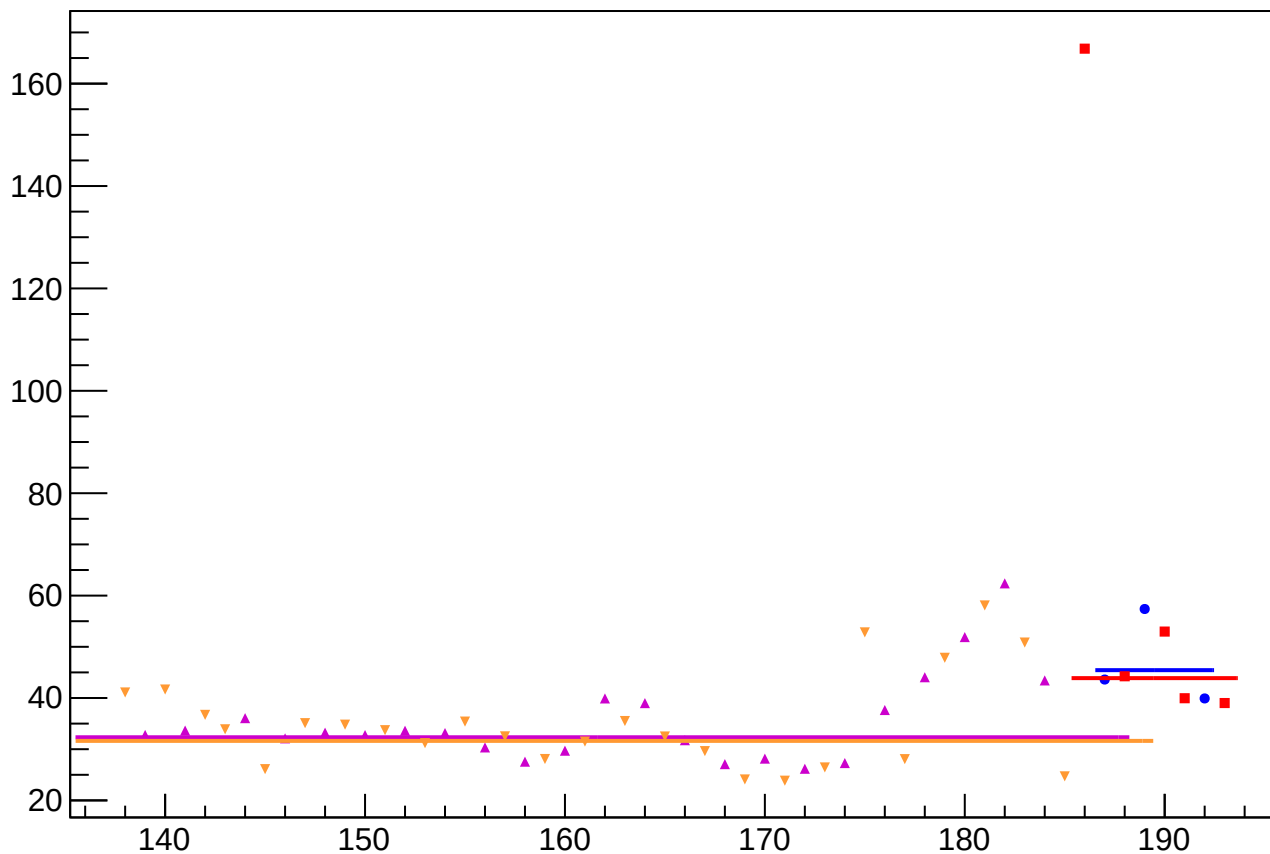
Left In: 4.745 ± 7.976 χ^2/NDF : 17.9/22

+ sign -0.463 ± 7.583 χ^2/NDF : 21.6/27

All: 2.050 ± 5.399 χ^2/NDF : 44.8/55

- sign 4.633 ± 7.688 χ^2/NDF : 23.0/27

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 45.439+/-0.032 χ^2/NDF : 55832.5/2

Left Out: 31.624+/-0.005 χ^2/NDF : 1673431.1/24

Right Out: 43.882+/-0.020 χ^2/NDF : 447224.5/4

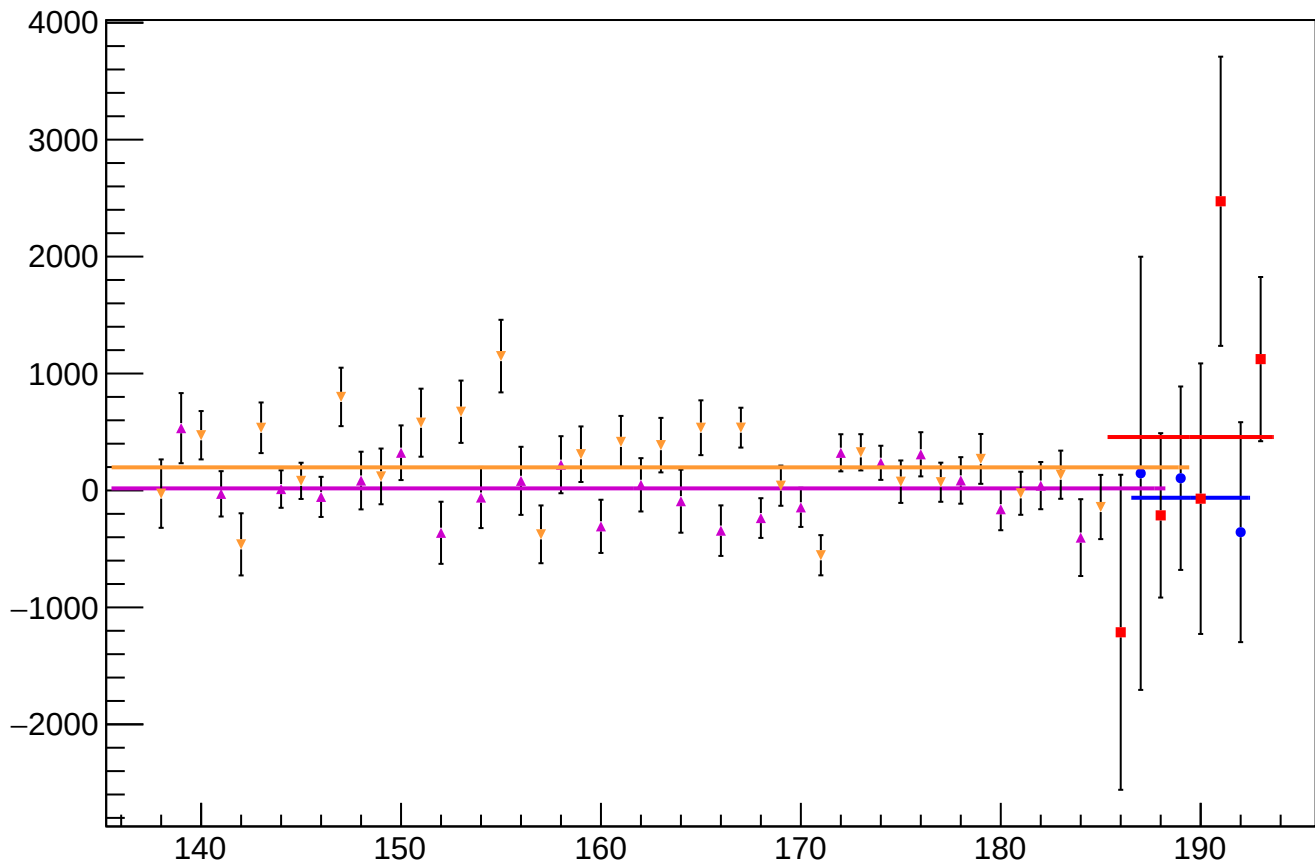
Left In: 32.331+/-0.006 χ^2/NDF : 1141501.0/22

+ sign 32.007+/-0.005 χ^2/NDF : 1908087.0/27

All: 32.571+/-0.004 χ^2/NDF : 3816708.3/55

- sign 33.150+/-0.005 χ^2/NDF : 1886206.5/27

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: -62.350 ± 572.779 χ^2/NDF : 0.2/2

Left Out: 197.682 ± 41.831 χ^2/NDF : 69.9/24

Right Out: 456.943 ± 408.069 χ^2/NDF : 6.2/4

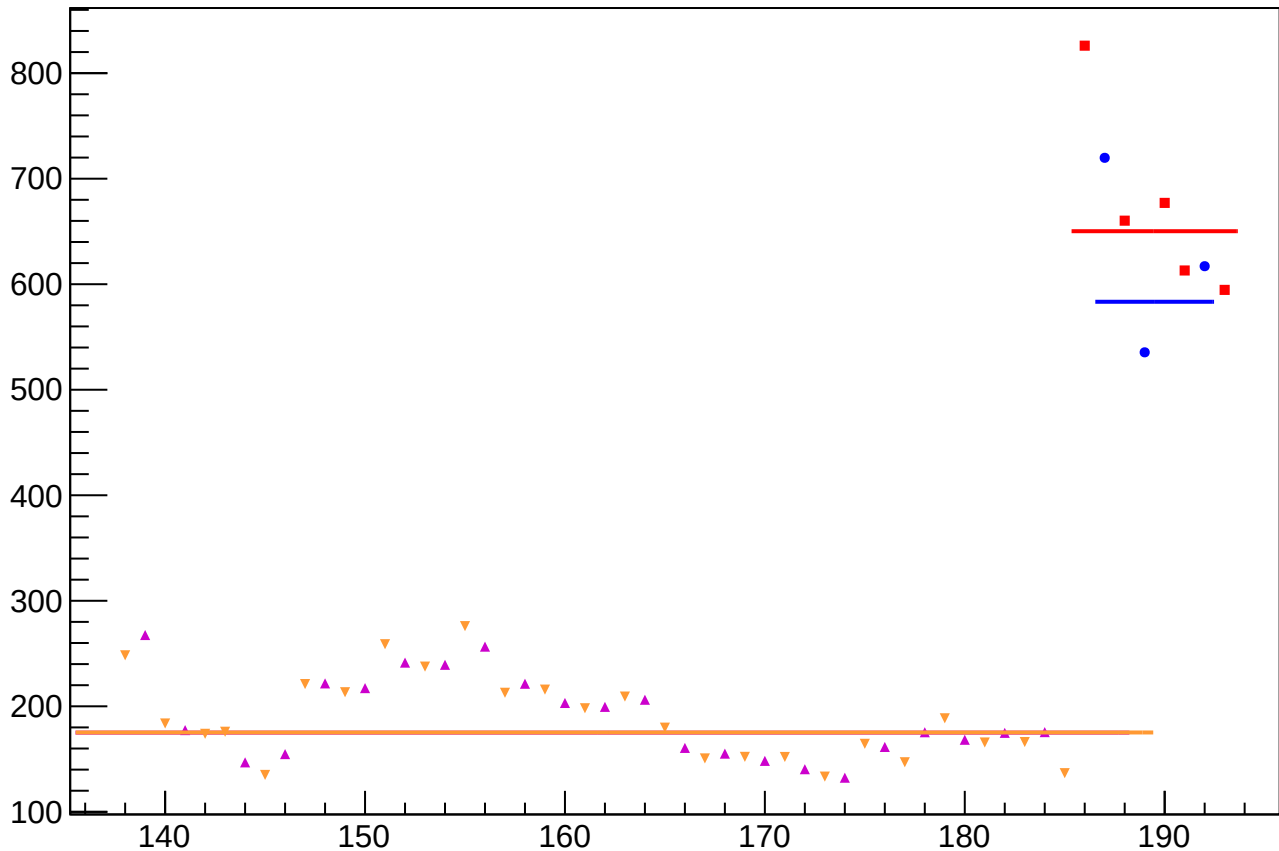
Left In: 17.742 ± 42.576 χ^2/NDF : 27.1/22

+ sign 196.303 ± 41.720 χ^2/NDF : 70.2/27

All: 110.681 ± 29.719 χ^2/NDF : 113.2/55

- sign 22.471 ± 42.346 χ^2/NDF : 34.4/27

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 583.365 $\pm$ 0.405 χ^2 /NDF: 20884.0/2

Left Out: 175.207 $\pm$ 0.030 χ^2 /NDF: 1418225.0/24

Right Out: 650.234 $\pm$ 0.289 χ^2 /NDF: 49912.0/4

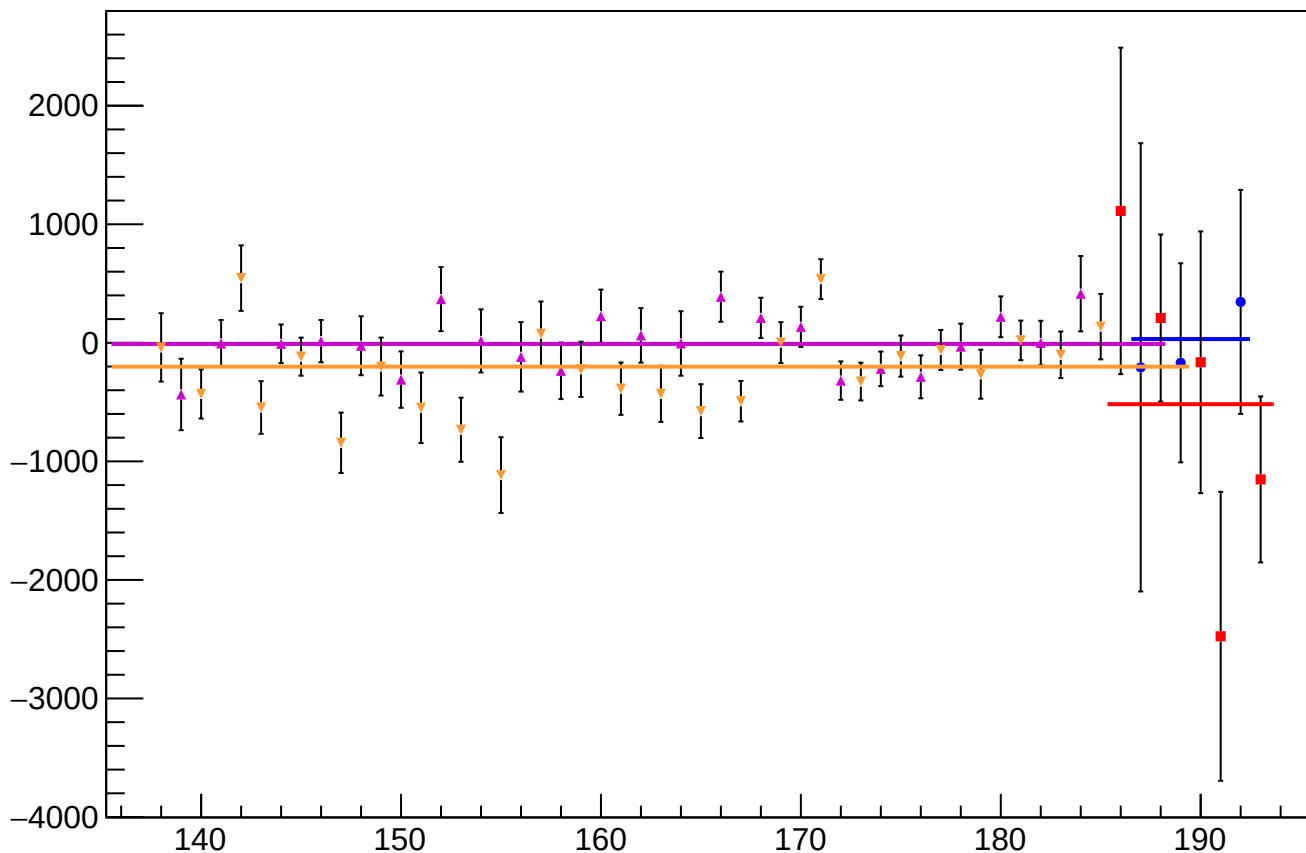
Left In: 175.051 $\pm$ 0.030 χ^2 /NDF: 1339755.1/22

+ sign 177.373 $\pm$ 0.030 χ^2 /NDF: 2449297.5/27

All: 178.749 $\pm$ 0.021 χ^2 /NDF: 6526151.6/55

- sign 180.168 $\pm$ 0.030 χ^2 /NDF: 4072431.8/27

asym_sam_1357_2468_dd_mean vs Slug



Right In: 31.797 ± 595.628 $\chi^2/\text{NDF}: 0.2/2$

Left Out: -200.930 ± 41.741 $\chi^2/\text{NDF}: 65.5/24$

Right Out: -517.755 ± 405.737 $\chi^2/\text{NDF}: 6.0/4$

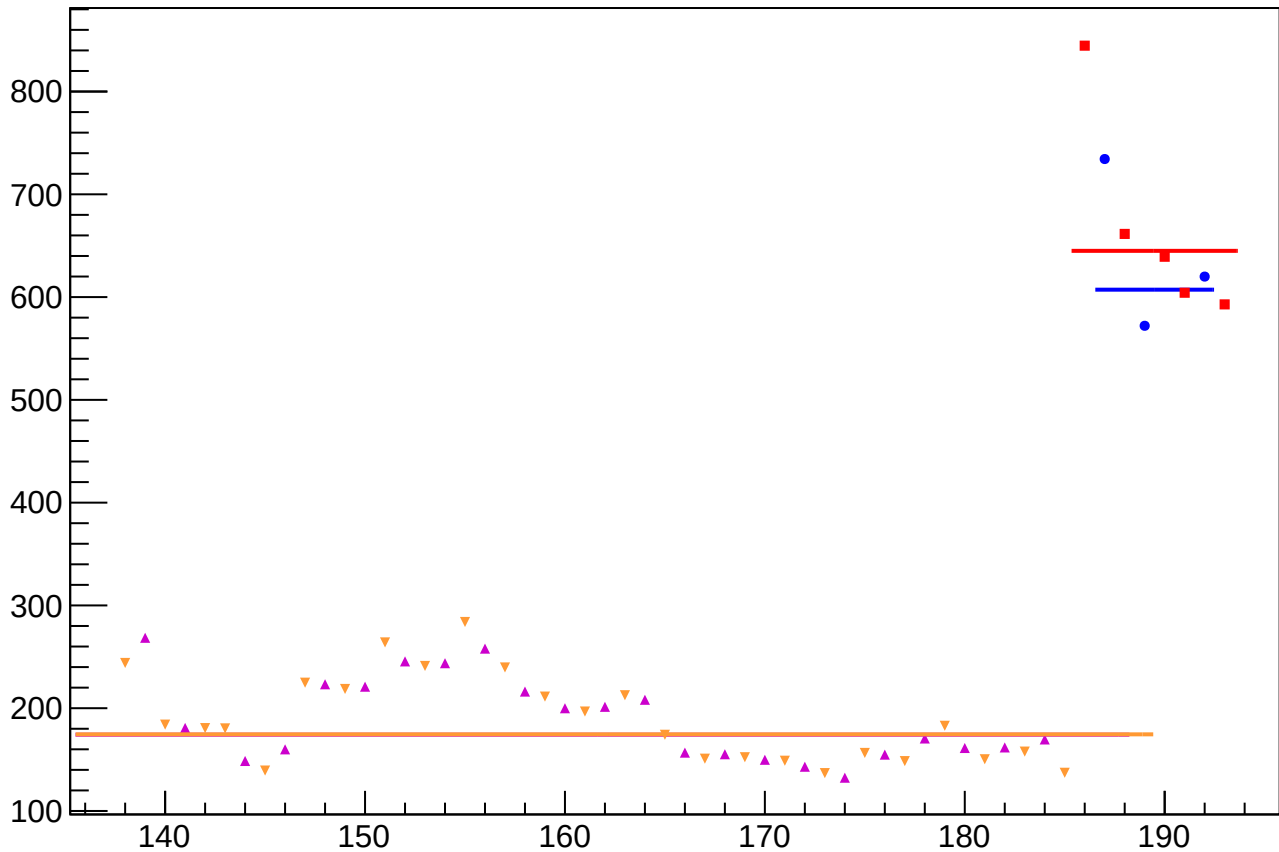
Left In: -9.384 ± 42.437 $\chi^2/\text{NDF}: 25.4/22$

+ sign -199.793 ± 41.639 $\chi^2/\text{NDF}: 65.8/27$

All: -108.590 ± 29.642 $\chi^2/\text{NDF}: 108.5/55$

- sign -14.885 ± 42.207 $\chi^2/\text{NDF}: 32.9/27$

asym_sam_1357_2468_dd_rms vs Slug



Right In: 607.214+/-0.421 χ^2/NDF : 12906.4/2

Left Out: 174.567+/-0.030 χ^2/NDF : 1532900.3/24

Right Out: 644.995+/-0.287 χ^2/NDF : 56492.5/4

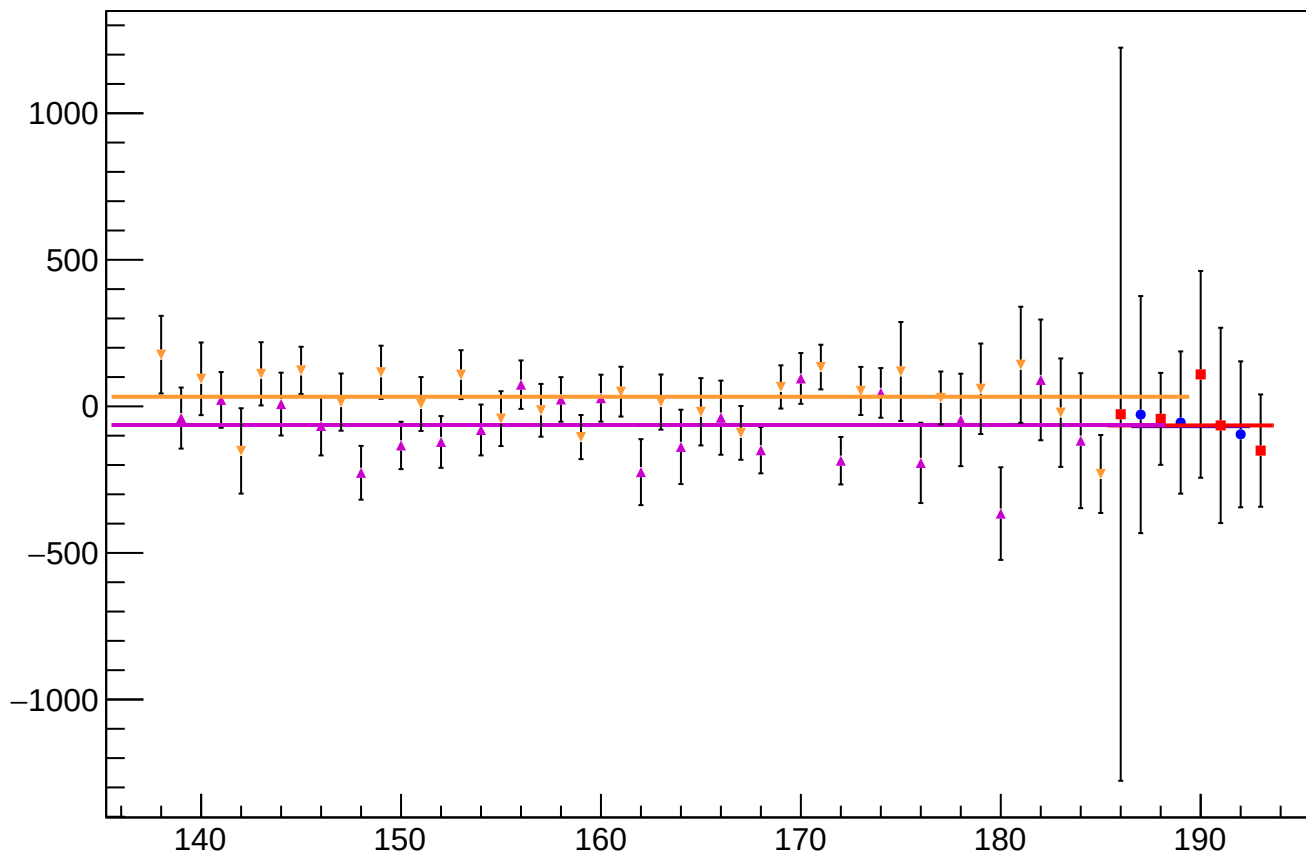
Left In: 174.217+/-0.030 χ^2/NDF : 1364600.9/22

+ sign 176.681+/-0.029 χ^2/NDF : 2595880.6/27

All: 177.978+/-0.021 χ^2/NDF : 6684378.5/55

- sign 179.311+/-0.030 χ^2/NDF : 4084562.1/27

dit_asym_sam_12345678_avg_mean vs Slug



Right In: -67.458 ± 159.646 χ^2/NDF : 0.0/2

Left Out: 32.793 ± 19.705 χ^2/NDF : 19.5/24

Right Out: -65.072 ± 108.096 χ^2/NDF : 0.5/4

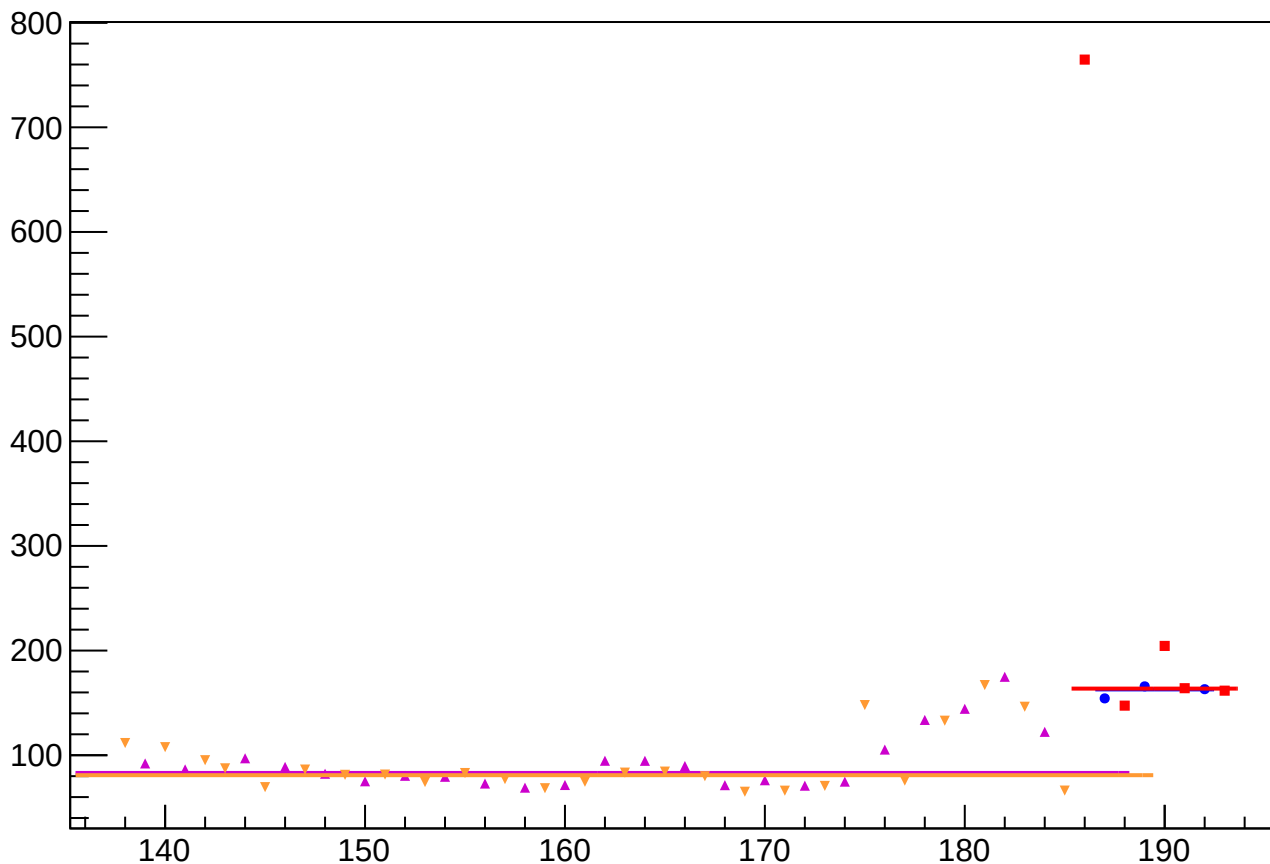
Left In: -63.566 ± 20.573 χ^2/NDF : 27.2/22

+ sign 31.289 ± 19.557 χ^2/NDF : 19.9/27

All: -14.605 ± 14.054 χ^2/NDF : 59.0/55

- sign -63.619 ± 20.211 χ^2/NDF : 27.6/27

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 162.897 $\pm$ 0.113 χ^2 /NDF: 1188.6/2

Left Out: 80.926 $\pm$ 0.014 χ^2 /NDF:1760910.0/24

Right Out: 163.659 $\pm$ 0.076 χ^2 /NDF: 510487.8/4

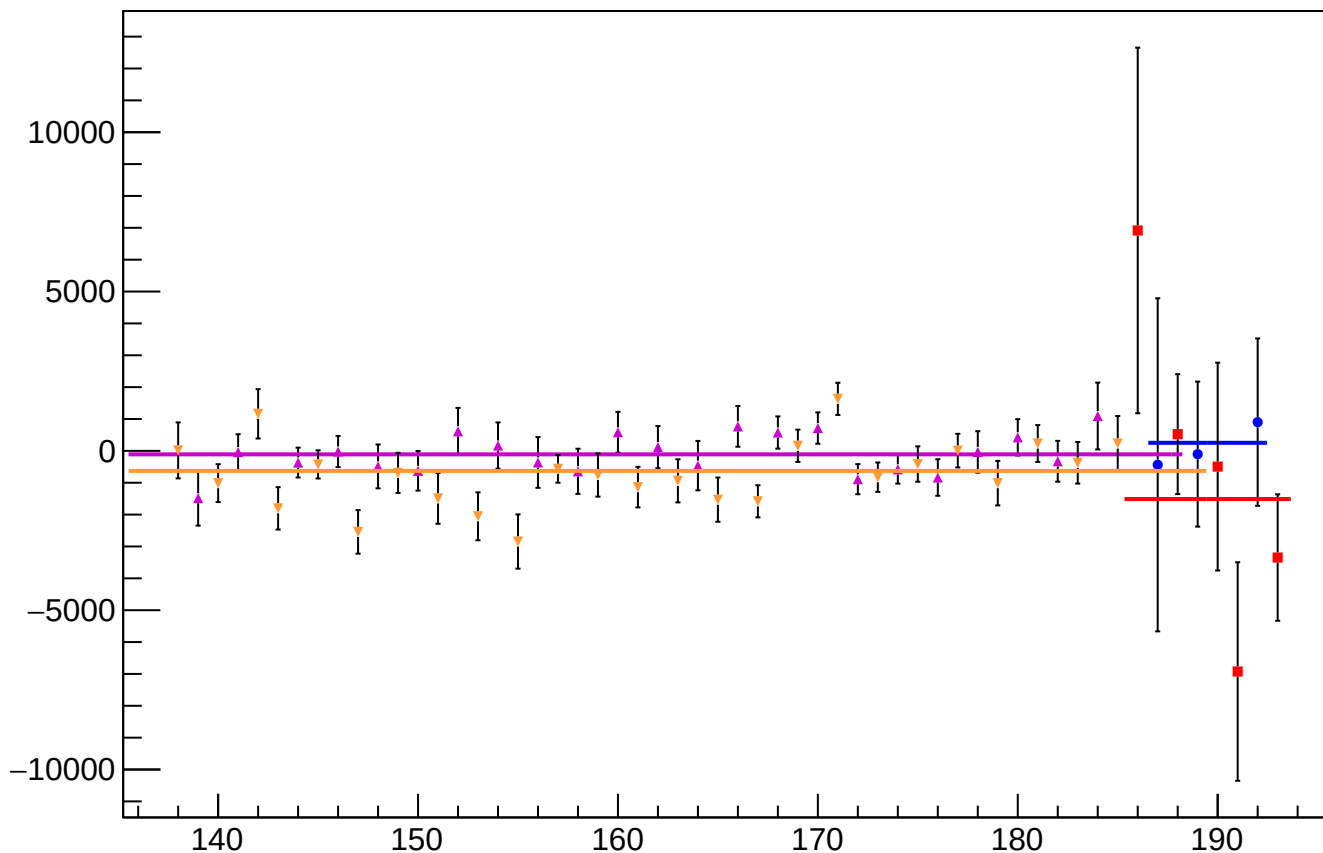
Left In: 83.071 $\pm$ 0.015 χ^2 /NDF:1405124.8/22

+ sign 82.157 $\pm$ 0.014 χ^2 /NDF: 2281455.7/27

All: 83.961 $\pm$ 0.010 χ^2 /NDF: 5305014.1/55

- sign 85.888 $\pm$ 0.014 χ^2 /NDF: 2988356.2/27

asym_sam_12345678_avg_correction_mean vs Slug



Right In: 253.227 $\pm$ 1633.547 χ^2 /NDF: 0.1/2

Left Out: -629.005 $\pm$ 120.608 χ^2 /NDF: 63.2/24

Right Out: -1510.848 $\pm$ 1157.793 χ^2 /NDF: 6.8/4

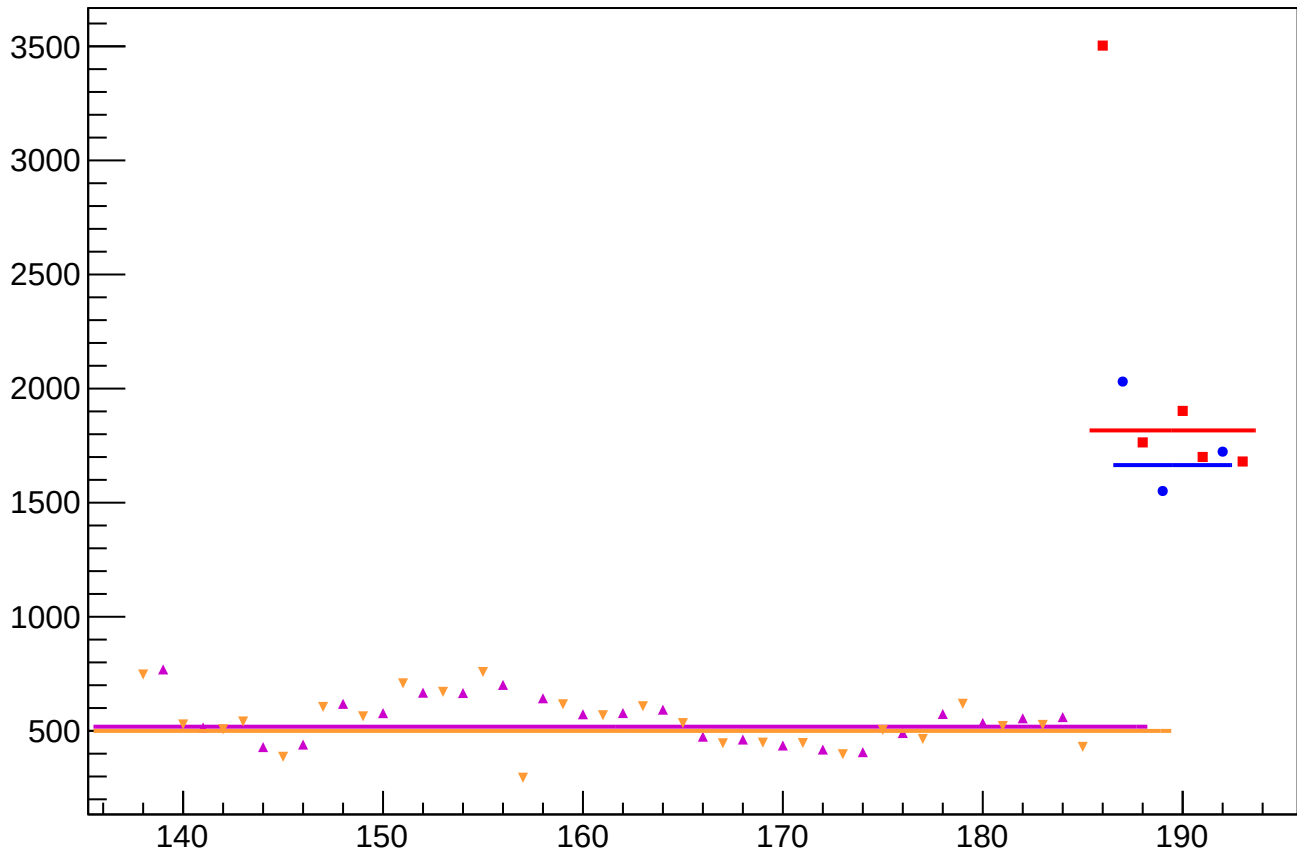
Left In: -108.821 $\pm$ 125.527 χ^2 /NDF: 21.4/22

+ sign -624.222 $\pm$ 120.280 χ^2 /NDF: 63.5/27

All: -383.859 $\pm$ 86.603 χ^2 /NDF: 101.5/55

- sign -125.110 $\pm$ 124.796 χ^2 /NDF: 29.7/27

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1664.713 $\pm$ 1.155 χ^2/NDF : 15793.1/2

Left Out: 499.813 $\pm$ 0.085 χ^2/NDF : 1626530.8/24

Right Out: 1816.637 $\pm$ 0.819 χ^2/NDF : 187528.3/4

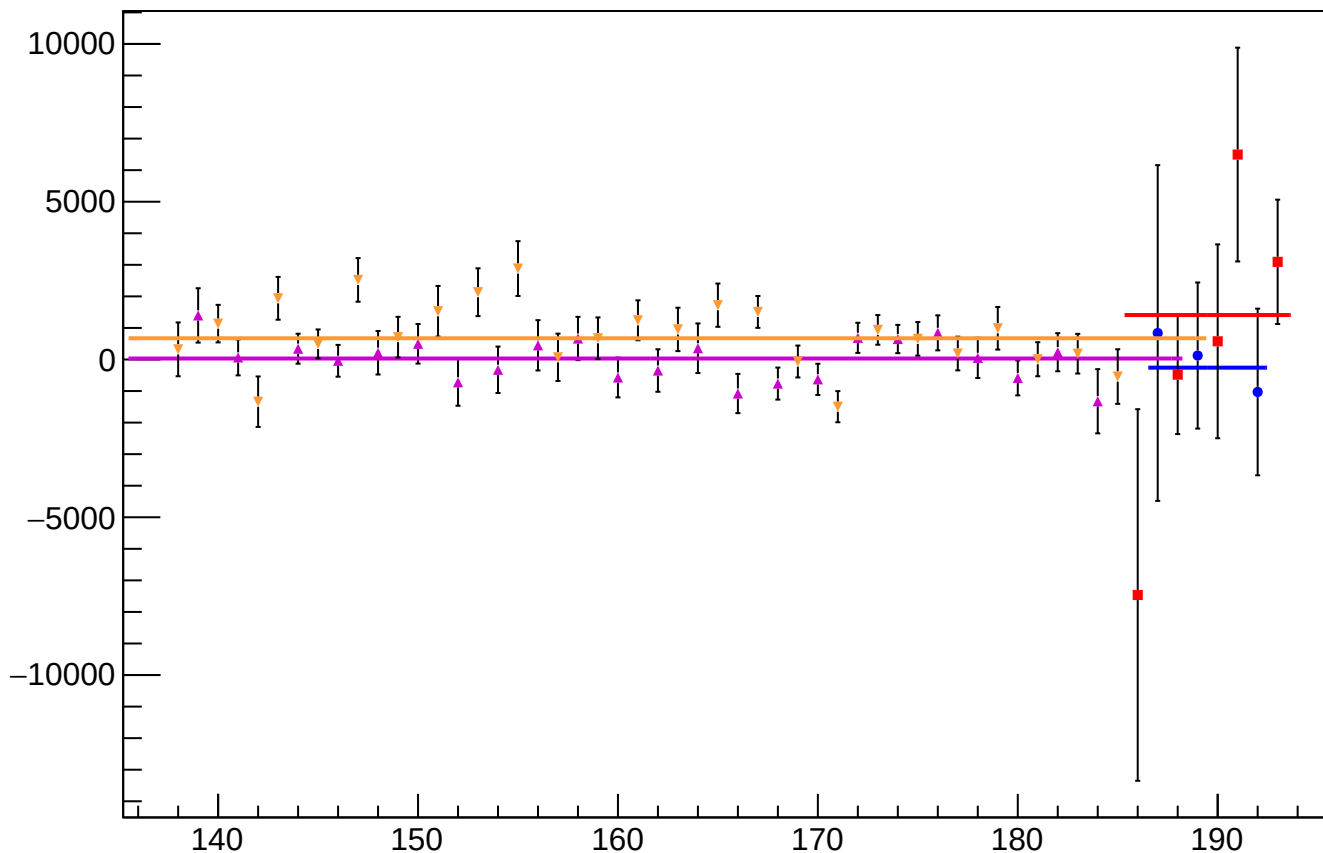
Left In: 518.244 $\pm$ 0.089 χ^2/NDF : 1071993.3/22

+ sign 506.129 $\pm$ 0.085 χ^2/NDF : 2653864.4/27

All: 519.228 $\pm$ 0.061 χ^2/NDF : 6448666.9/55

- sign 533.329 $\pm$ 0.088 χ^2/NDF : 3745545.4/27

asym_sam_12345678_avg_mean vs Slug



Right In: -258.810 ± 1654.328 $\chi^2/\text{NDF}: 0.2/2$

Left Out: 672.498 ± 123.428 $\chi^2/\text{NDF}: 62.8/24$

Right Out: 1409.161 ± 1145.967 $\chi^2/\text{NDF}: 6.3/4$

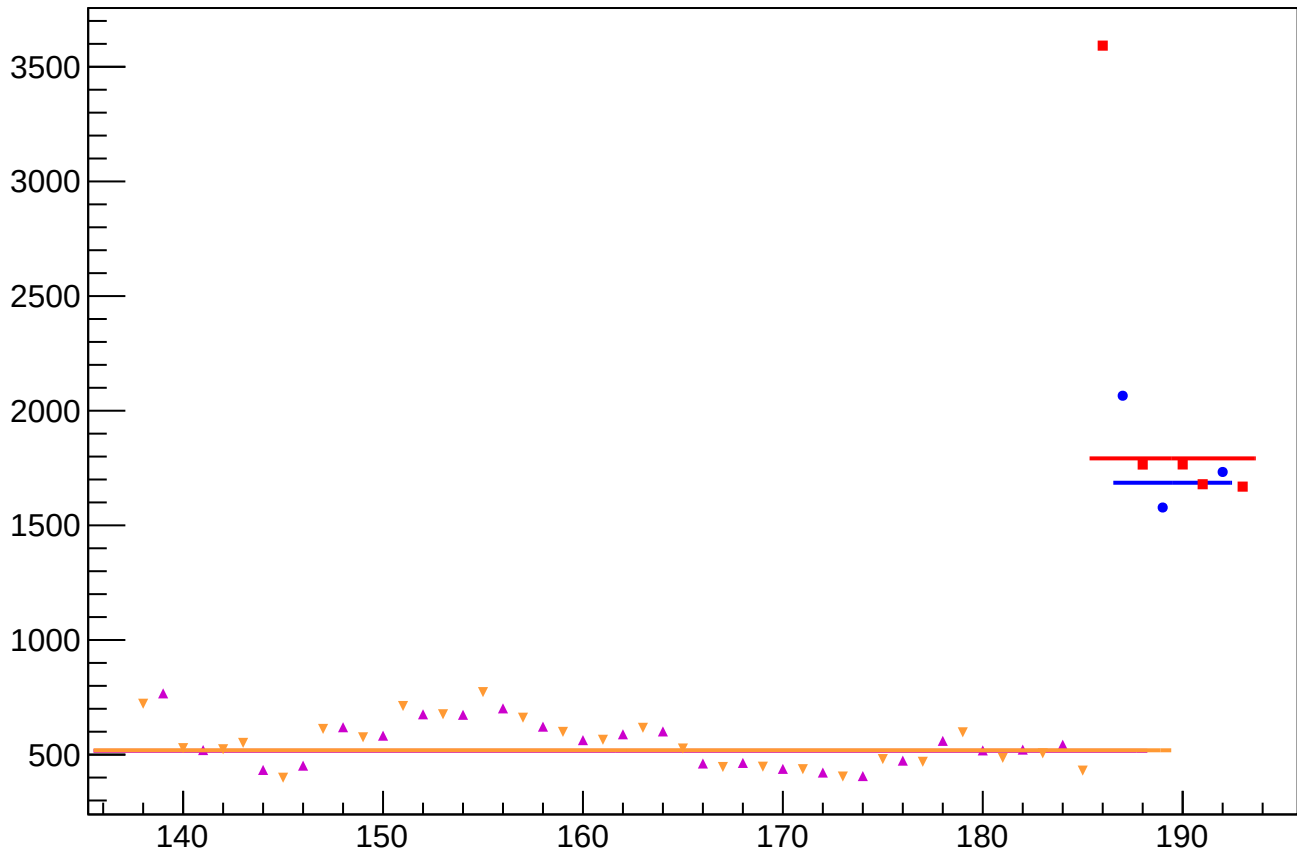
Left In: 31.056 ± 125.236 $\chi^2/\text{NDF}: 23.8/22$

+ sign 667.342 ± 123.086 $\chi^2/\text{NDF}: 63.2/27$

All: 360.861 ± 87.529 $\chi^2/\text{NDF}: 107.4/55$

- sign 47.321 ± 124.495 $\chi^2/\text{NDF}: 31.6/27$

asym_sam_12345678_avg_rms vs Slug



Right In: 1685.827+/-1.170 χ^2/NDF : 15170.2/2

Left Out: 518.935+/-0.087 χ^2/NDF : 1172613.9/24

Right Out: 1792.086+/-0.810 χ^2/NDF : 197548.2/4

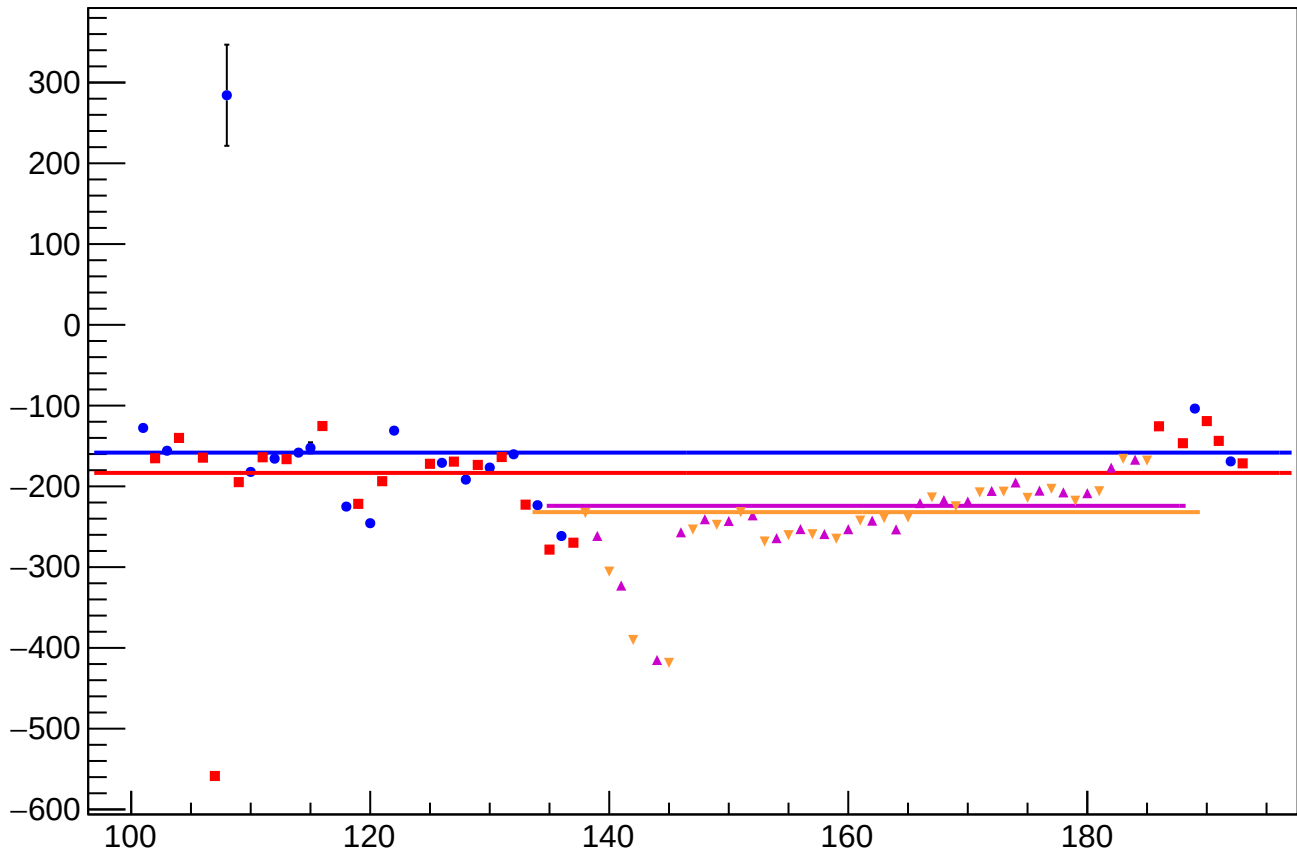
Left In: 516.594+/-0.089 χ^2/NDF : 1036092.8/22

+ sign 525.395+/-0.087 χ^2/NDF : 2177332.8/27

All: 528.485+/-0.062 χ^2/NDF : 5861939.3/55

- sign 531.648+/-0.088 χ^2/NDF : 3682055.0/27

dit_usl_4aX_slope vs Slug



Right In: -158.222+/-0.000 χ^2/NDF : 118351.7/17

Left Out: -231.902+/-0.108 χ^2/NDF : 110473.4/23

Right Out: -183.339+/-0.117 χ^2/NDF : 162712.1/21

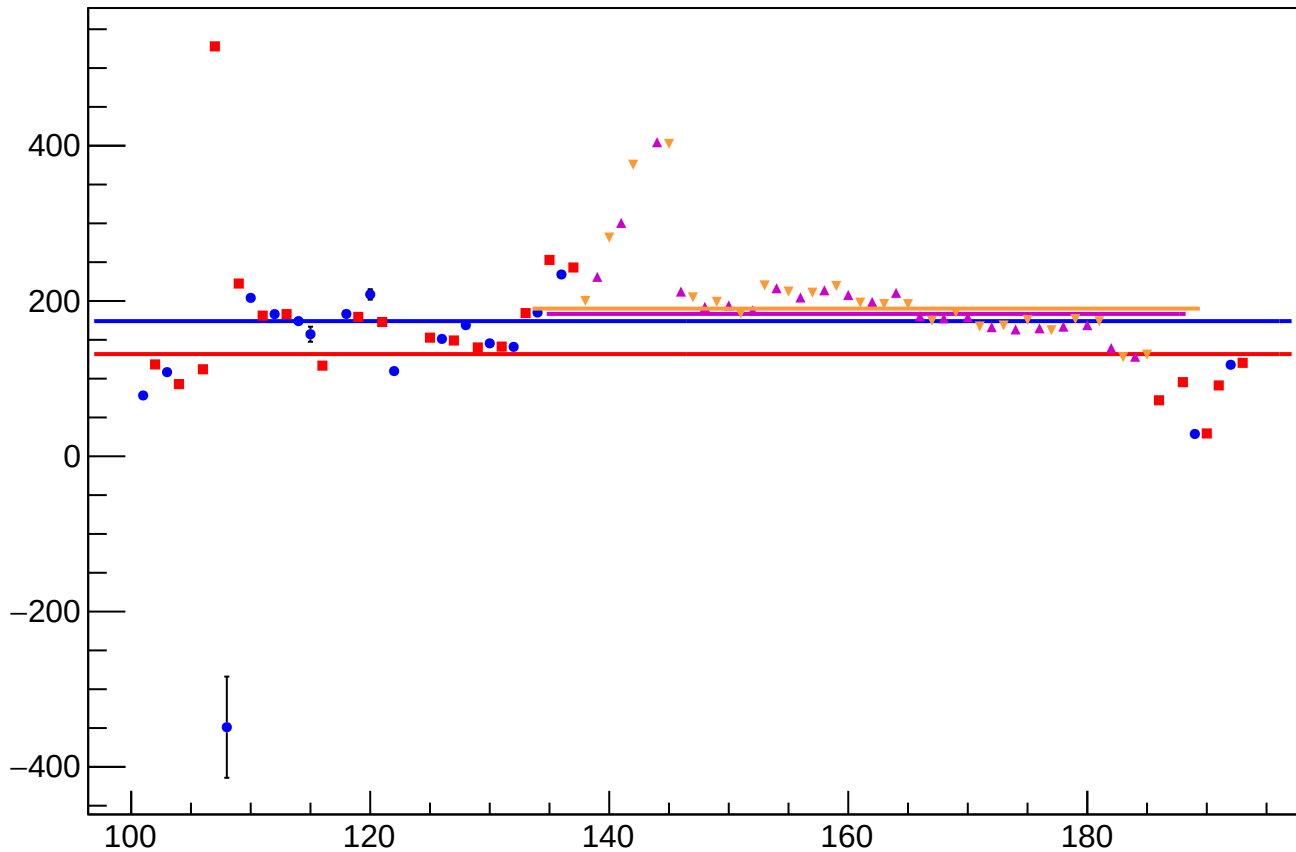
Left In: -224.103+/-0.098 χ^2/NDF : 153347.0/22

+ sign -158.222+/-0.000 χ^2/NDF : 692988.8/41

All: -158.222+/-0.000 χ^2/NDF : 1504399.1/86

- sign -207.251+/-0.075 χ^2/NDF : 387171.8/44

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 58750.5/17

Left Out: 190.208 $\pm$ 0.109 χ^2 /NDF: 99613.5/23

Right Out: 131.639 $\pm$ 0.119 χ^2 /NDF: 158316.7/21

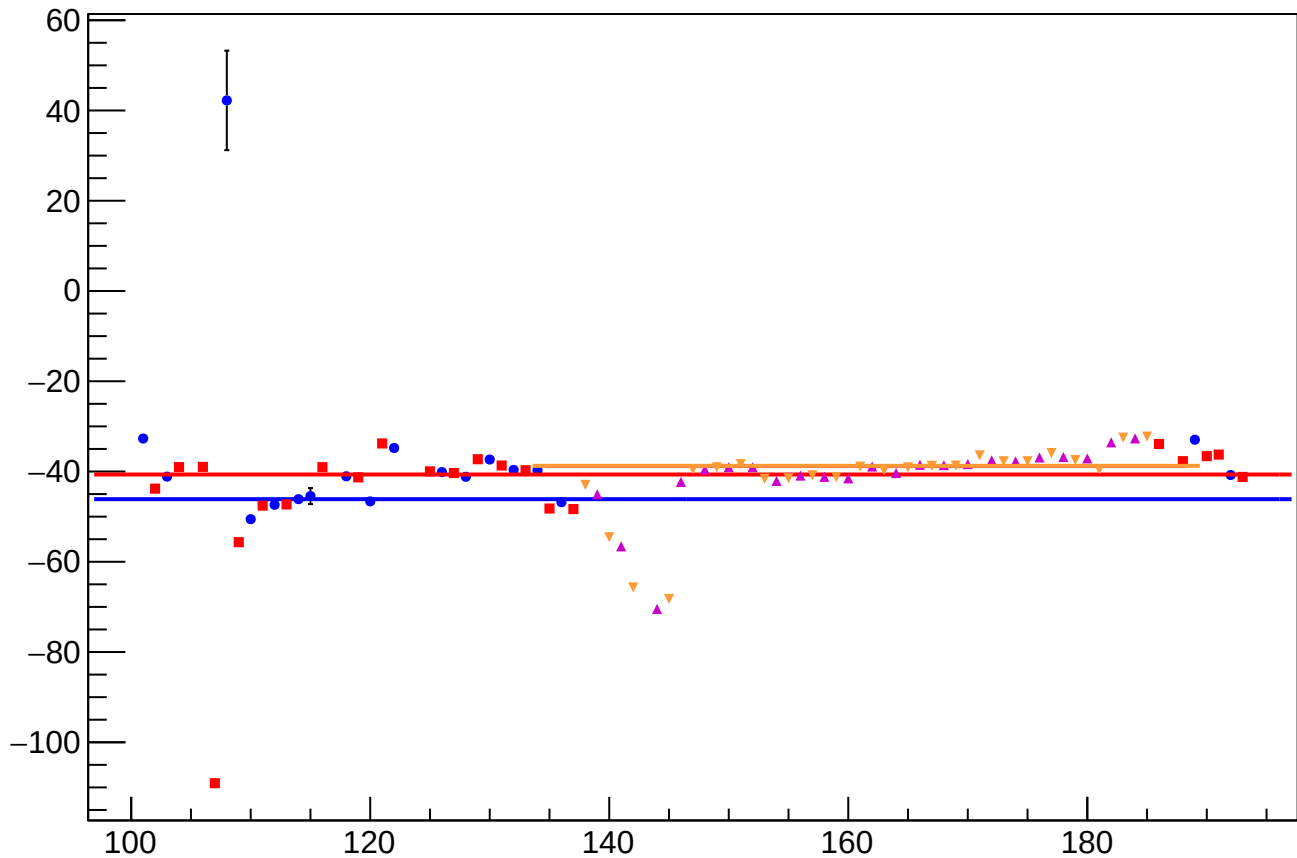
Left In: 183.362 $\pm$ 0.099 χ^2 /NDF: 155441.6/22

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 180377.7/41

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 630068.6/86

- sign 162.220 $\pm$ 0.076 χ^2 /NDF: 425386.3/44

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 412381.0/17

Left Out: -38.745 ± 0.006 χ^2/NDF : 400638.0/23

Right Out: -40.664 ± 0.014 χ^2/NDF : 300313.3/21

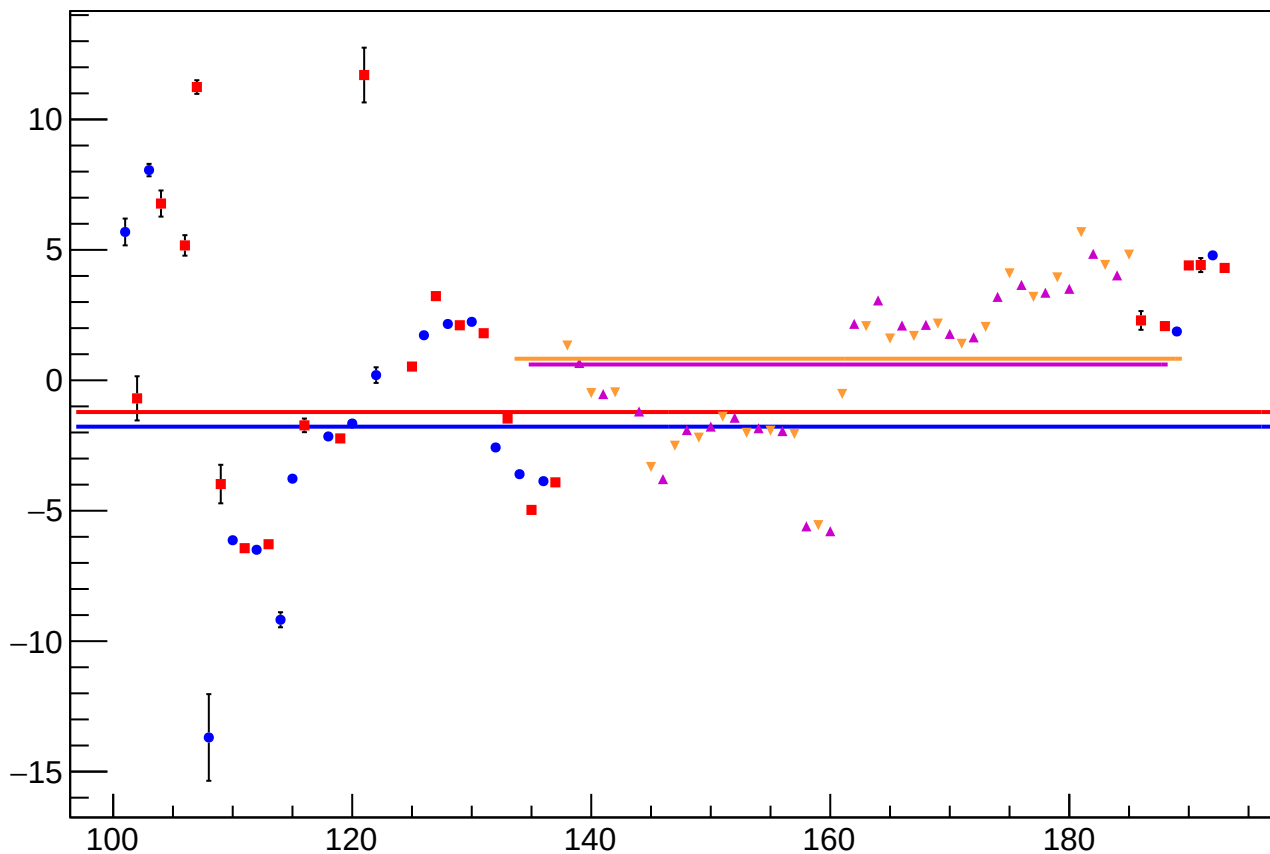
Left In: -38.794 ± 0.007 χ^2/NDF : 321993.9/22

+ sign -46.126 ± 0.000 χ^2/NDF : 2390204.1/41

All: -46.126 ± 0.000 χ^2/NDF : 4414776.9/86

- sign -39.119 ± 0.006 χ^2/NDF : 636484.3/44

dit_usl_4aY_slope vs Slug



Right In: -1.777 ± 0.017 χ^2/NDF : 30991.9/17

Left Out: 0.828 ± 0.006 χ^2/NDF : 255303.5/23

Right Out: -1.217 ± 0.020 χ^2/NDF : 35271.9/21

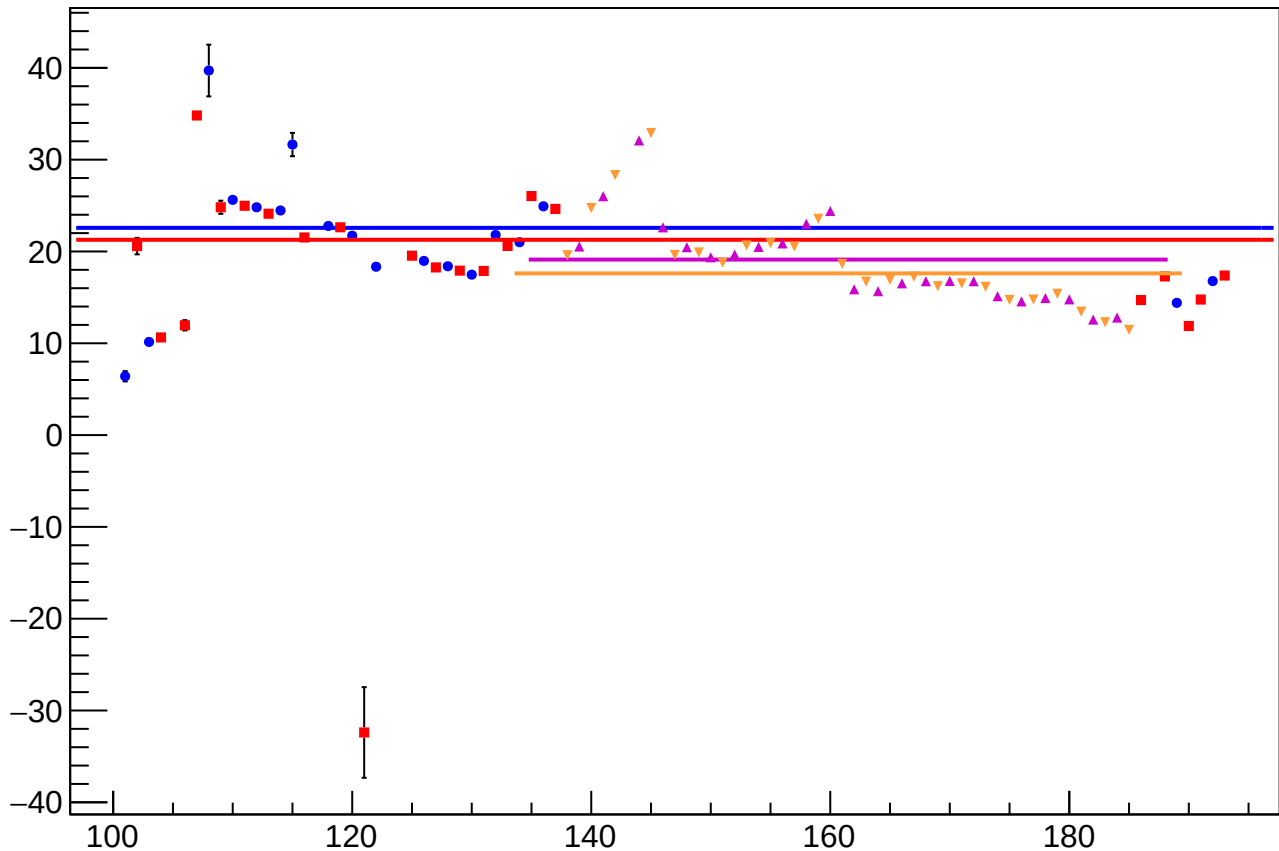
Left In: 0.606 ± 0.005 χ^2/NDF : 331282.7/22

+ sign 0.539 ± 0.006 χ^2/NDF : 306311.6/41

All: 0.516 ± 0.004 χ^2/NDF : 680482.7/86

- sign 0.499 ± 0.005 χ^2/NDF : 374143.4/44

dit_usl_4eY_slope vs Slug



Right In: 22.574 $\pm$ 0.019 χ^2 /NDF: 25285.6/17

Left Out: 17.613 $\pm$ 0.007 χ^2 /NDF: 178438.8/23

Right Out: 21.274 $\pm$ 0.020 χ^2 /NDF: 28137.7/21

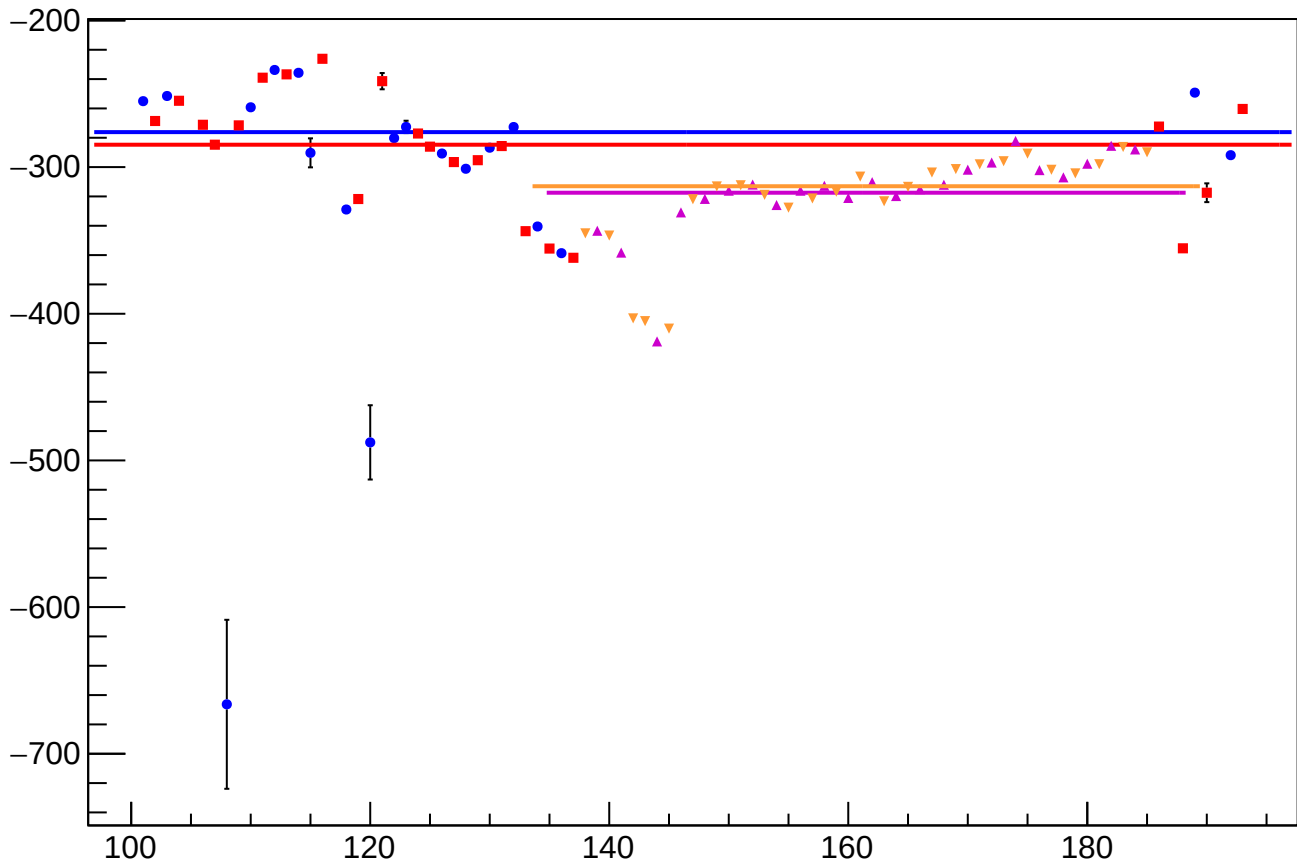
Left In: 19.117 $\pm$ 0.007 χ^2 /NDF: 229353.0/22

+ sign 18.251 $\pm$ 0.007 χ^2 /NDF: 266050.3/41

All: 18.799 $\pm$ 0.005 χ^2 /NDF: 547373.0/86

- sign 19.354 $\pm$ 0.007 χ^2 /NDF: 267646.1/44

dit_usr_4aX_slope vs Slug



Right In: -276.150 ± 0.166 $\chi^2/\text{NDF}: 58267.9/18$

Left Out: -313.052 ± 0.096 $\chi^2/\text{NDF}: 54405.8/24$

Right Out: -284.738 ± 0.130 $\chi^2/\text{NDF}: 60226.2/21$

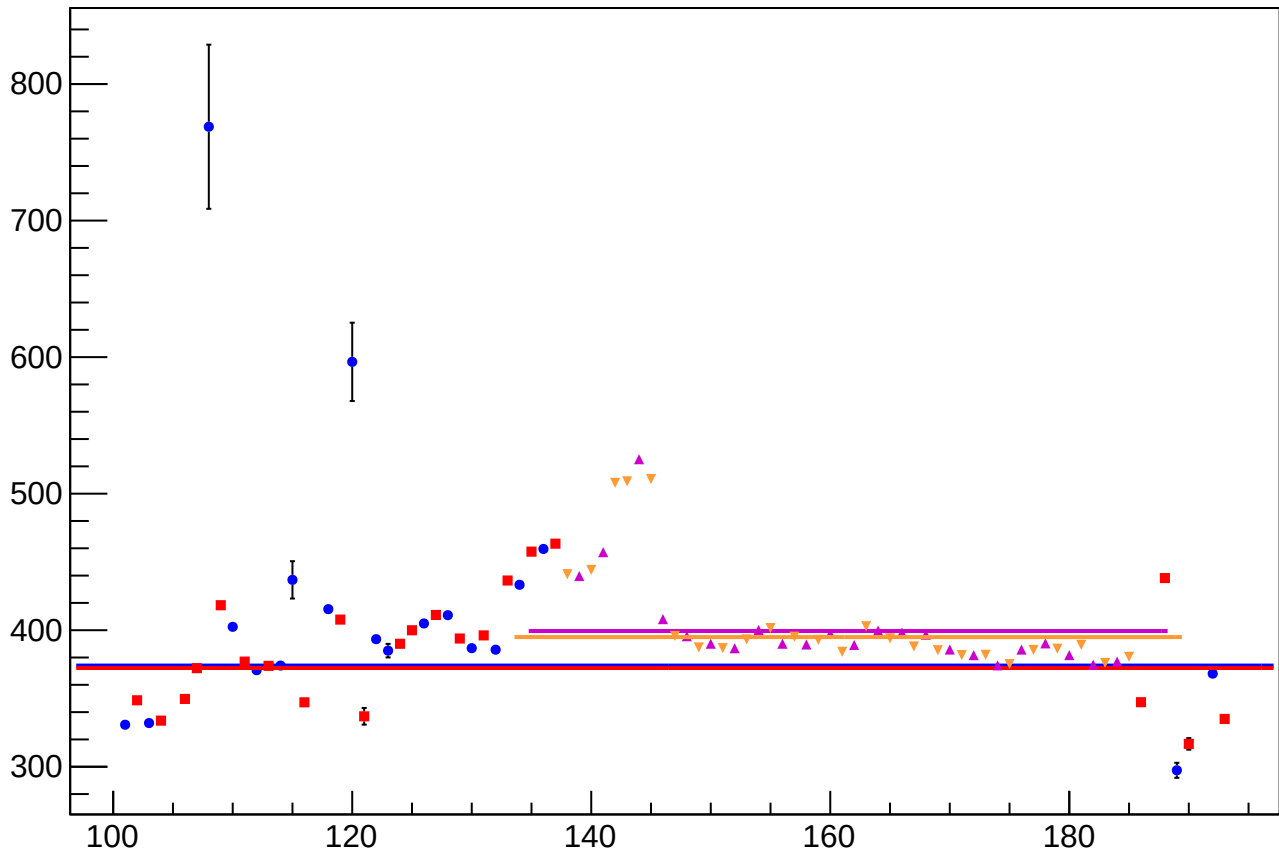
Left In: -317.471 ± 0.095 $\chi^2/\text{NDF}: 63067.6/22$

+ sign -303.812 ± 0.083 $\chi^2/\text{NDF}: 149802.7/43$

All: -305.025 ± 0.056 $\chi^2/\text{NDF}: 314675.8/88$

- sign -306.065 ± 0.077 $\chi^2/\text{NDF}: 164476.1/44$

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF : 35271.4/18

Left Out: 394.968+/-0.096 χ^2/NDF : 68076.2/24

Right Out: 372.322+/-0.133 χ^2/NDF : 77421.5/21

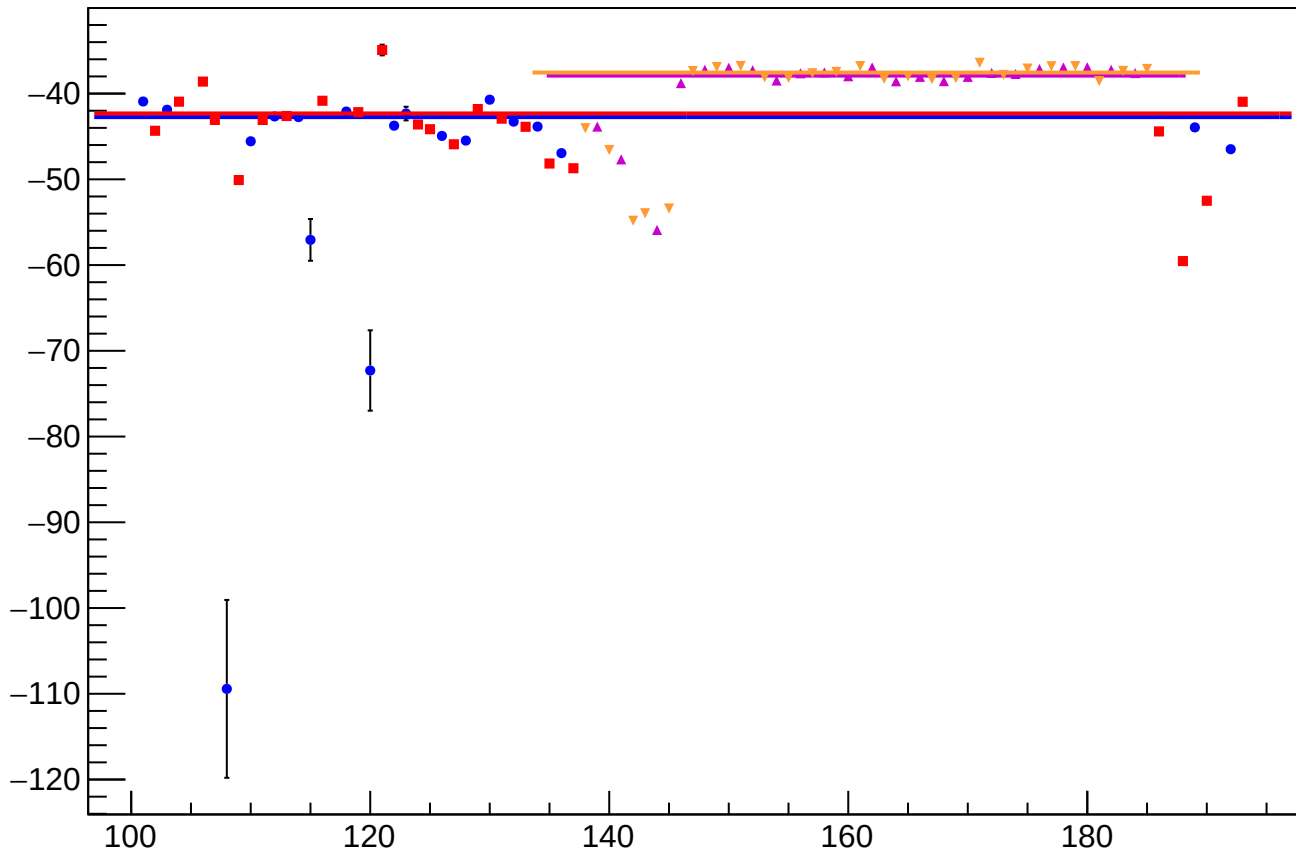
Left In: 399.410+/-0.097 χ^2/NDF : 77209.0/22

+ sign 374.094+/-0.000 χ^2/NDF : 150618.3/43

All: 374.094+/-0.000 χ^2/NDF : 373732.5/88

- sign 389.979+/-0.078 χ^2/NDF : 181856.4/44

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13701.8/18

Left Out: -37.547 $\pm$ 0.004 χ^2 /NDF: 267131.7/24

Right Out: -42.315 $\pm$ 0.015 χ^2 /NDF: 22624.2/21

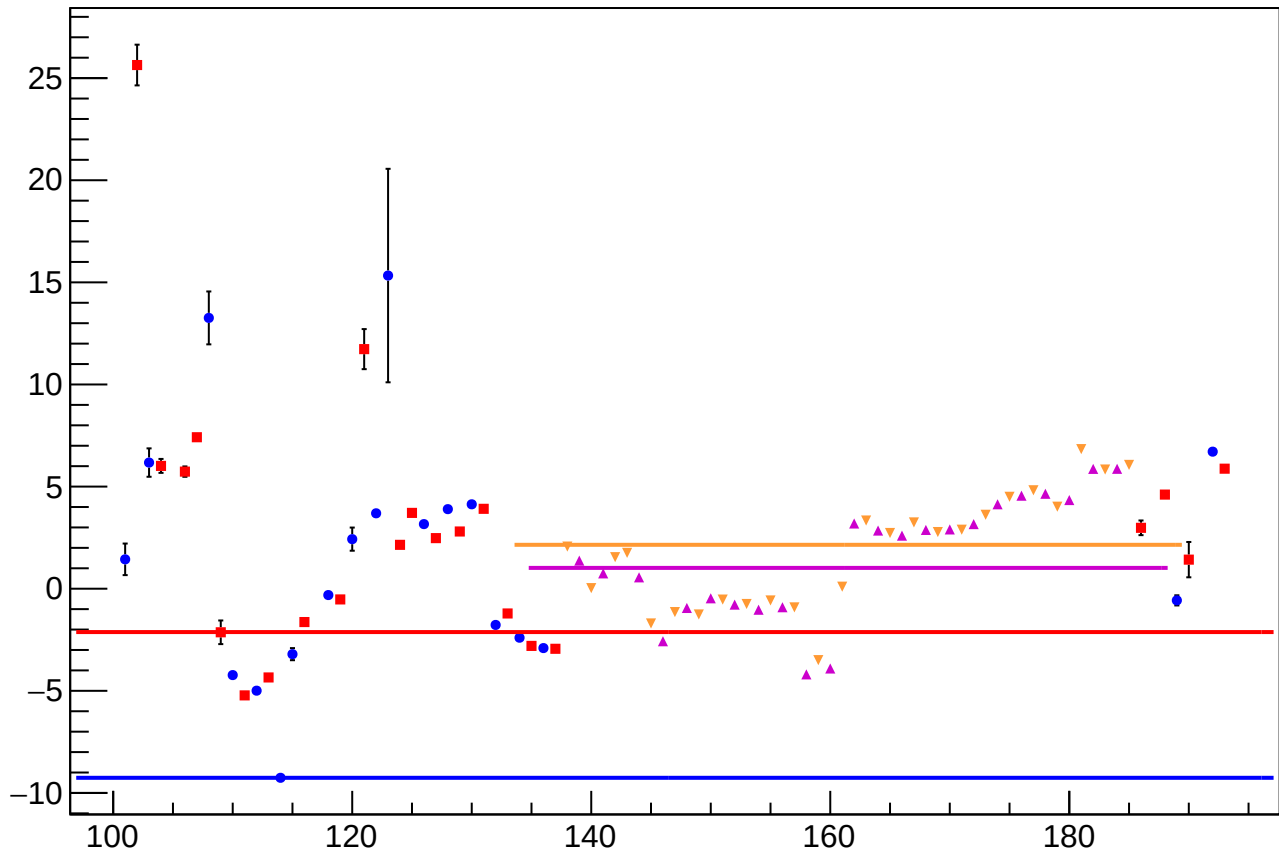
Left In: -37.903 $\pm$ 0.004 χ^2 /NDF: 156960.8/22

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 2116381.5/43

All: -42.744 $\pm$ 0.000 χ^2 /NDF: 3658651.5/88

- sign -38.207 $\pm$ 0.004 χ^2 /NDF: 257349.6/44

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 417665.4/18

Left Out: 2.149 ± 0.005 χ^2/NDF : 290739.3/24

Right Out: -2.123 ± 0.008 χ^2/NDF : 67318.2/21

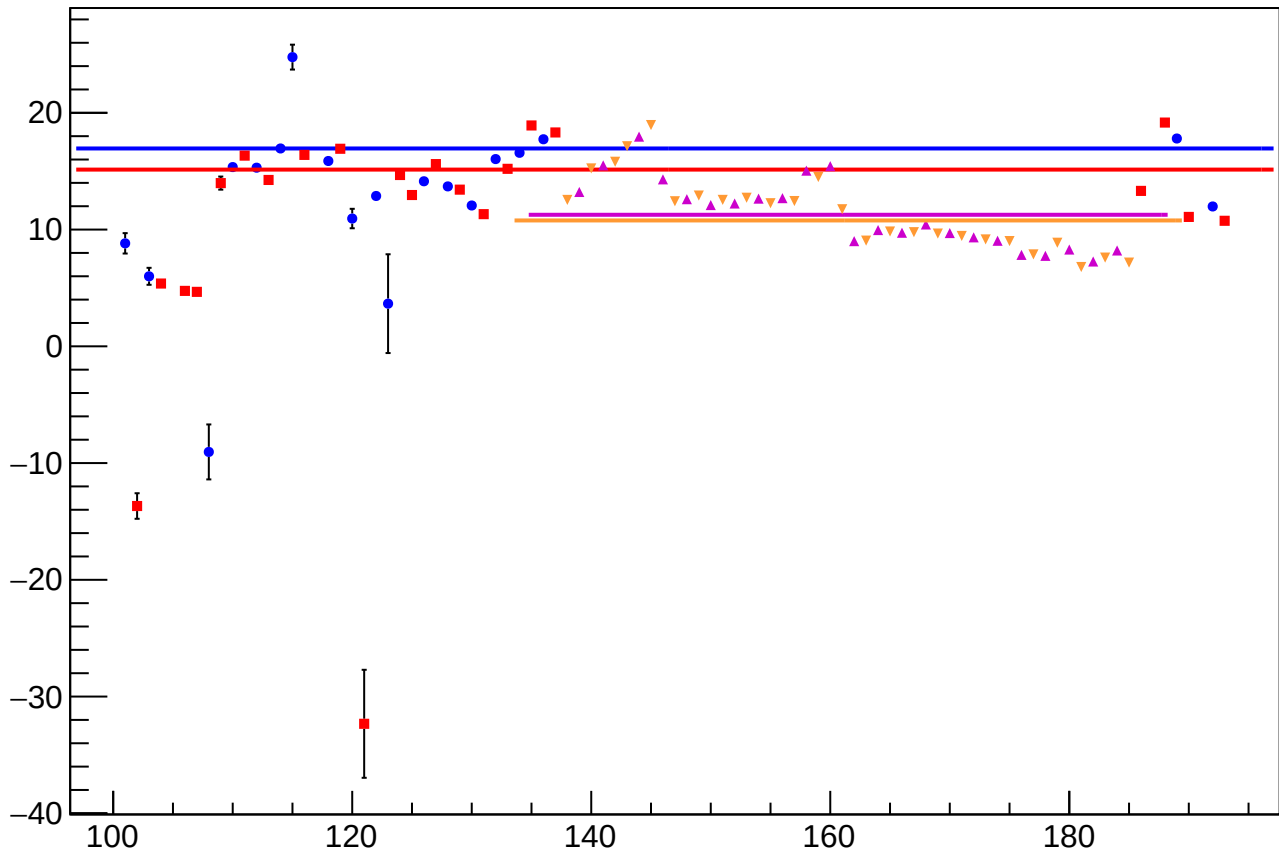
Left In: 1.019 ± 0.006 χ^2/NDF : 250029.0/22

+ sign -9.259 ± 0.000 χ^2/NDF : 6151263.0/43

All: -9.259 ± 0.000 χ^2/NDF : 10594430.9/88

- sign -0.110 ± 0.005 χ^2/NDF : 426403.6/44

dit_usr_4eY_slope vs Slug



Right In: 16.947 ± 0.000 $\chi^2/\text{NDF}: 11810.9/18$

Left Out: 10.782 ± 0.007 $\chi^2/\text{NDF}: 129427.5/24$

Right Out: 15.138 ± 0.016 $\chi^2/\text{NDF}: 31289.4/21$

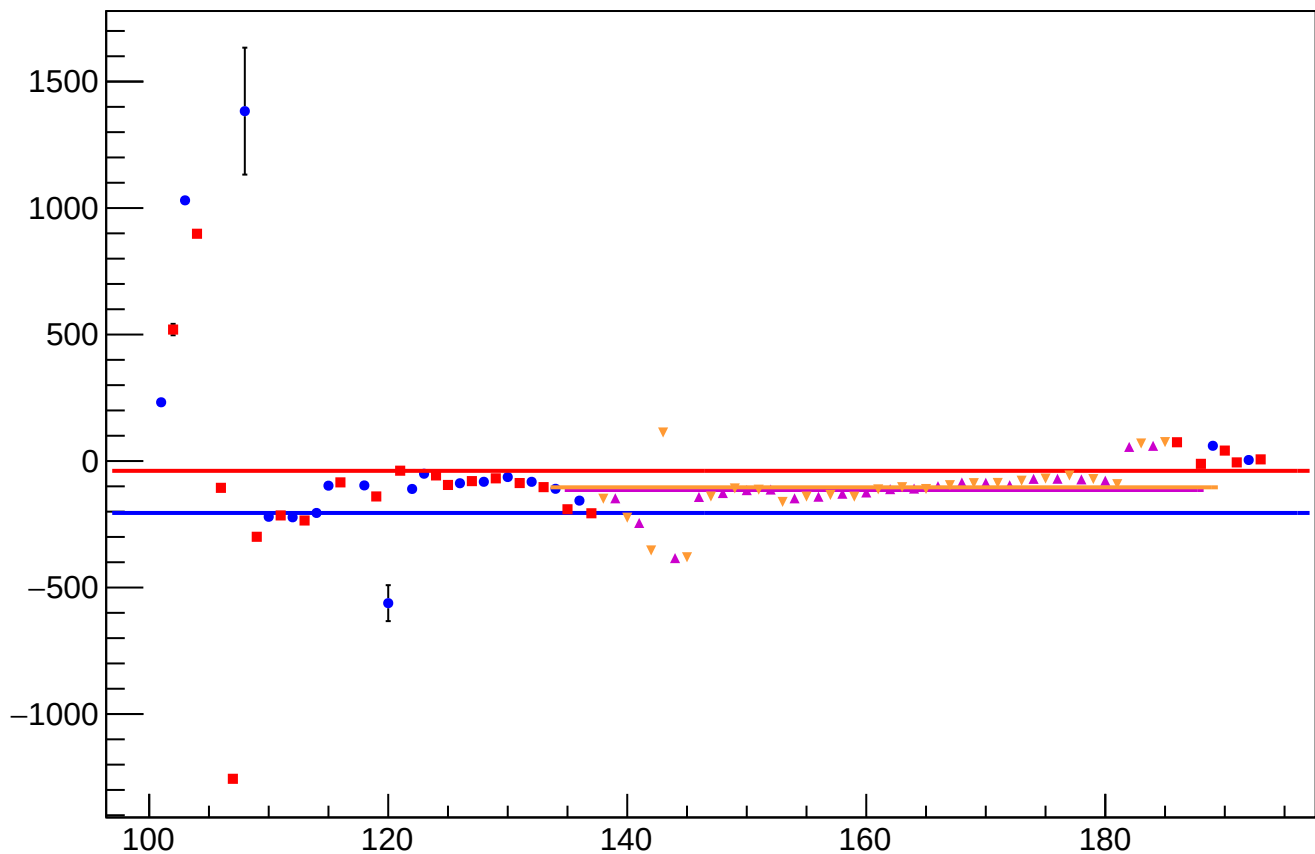
Left In: 11.267 ± 0.008 $\chi^2/\text{NDF}: 98438.0/22$

+ sign 16.947 ± 0.000 $\chi^2/\text{NDF}: 996167.1/43$

All: 16.947 ± 0.000 $\chi^2/\text{NDF}: 1664110.0/88$

- sign 12.052 ± 0.007 $\chi^2/\text{NDF}: 179162.4/44$

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1387276.1/18$

Left Out: -103.842 ± 0.192 $\chi^2/\text{NDF}: 94751.7/24$

Right Out: -38.711 ± 0.268 $\chi^2/\text{NDF}: 151191.3/22$

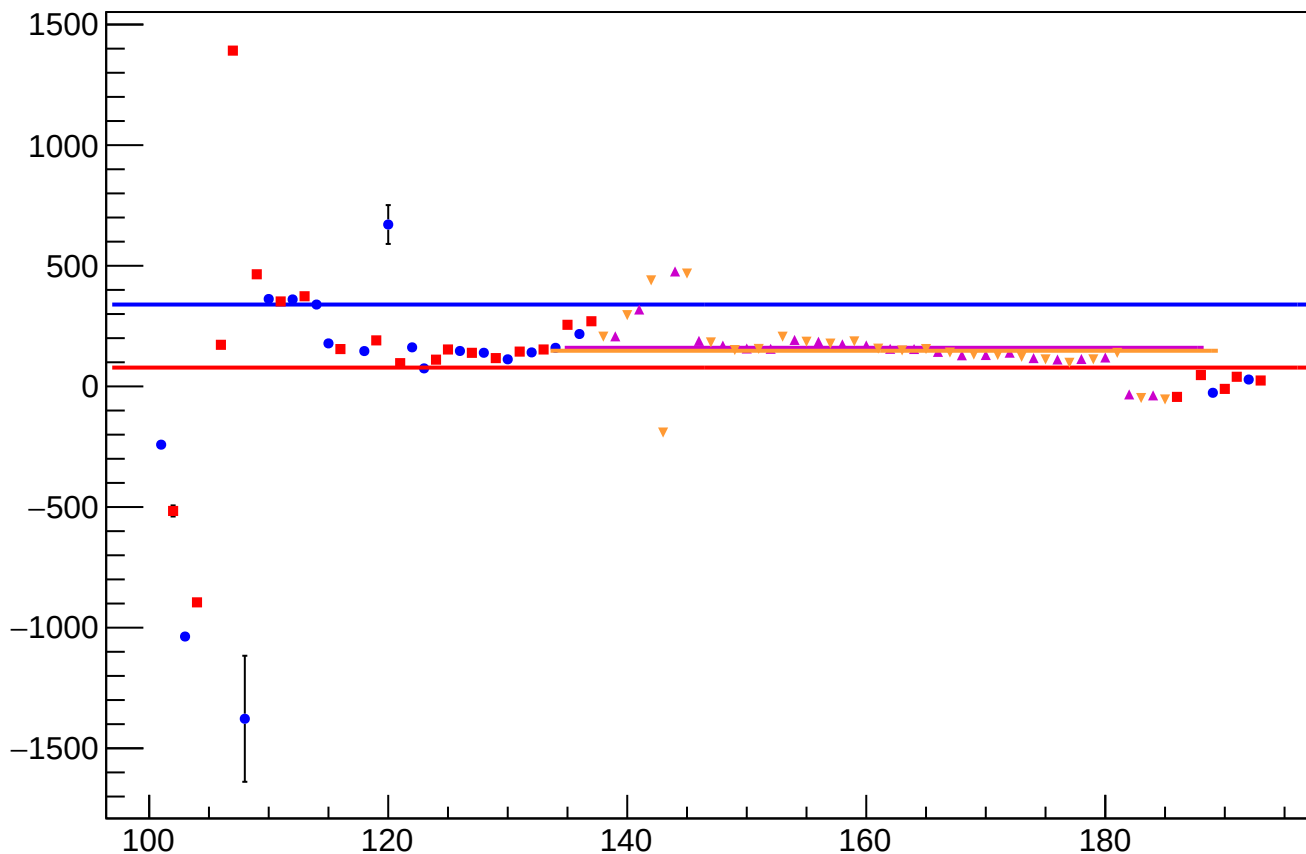
Left In: -114.444 ± 0.225 $\chi^2/\text{NDF}: 76837.7/22$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 1761398.0/43$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 2537907.2/89$

- sign -83.177 ± 0.172 $\chi^2/\text{NDF}: 274897.6/45$

dit_atl1_4eX_slope vs Slug



Right In: 339.325 $\pm$ 0.000 χ^2 /NDF: 1344008.1/18

Left Out: 147.771 $\pm$ 0.196 χ^2 /NDF:134281.2/24

Right Out: 78.009 $\pm$ 0.258 χ^2 /NDF: 235262.6/22

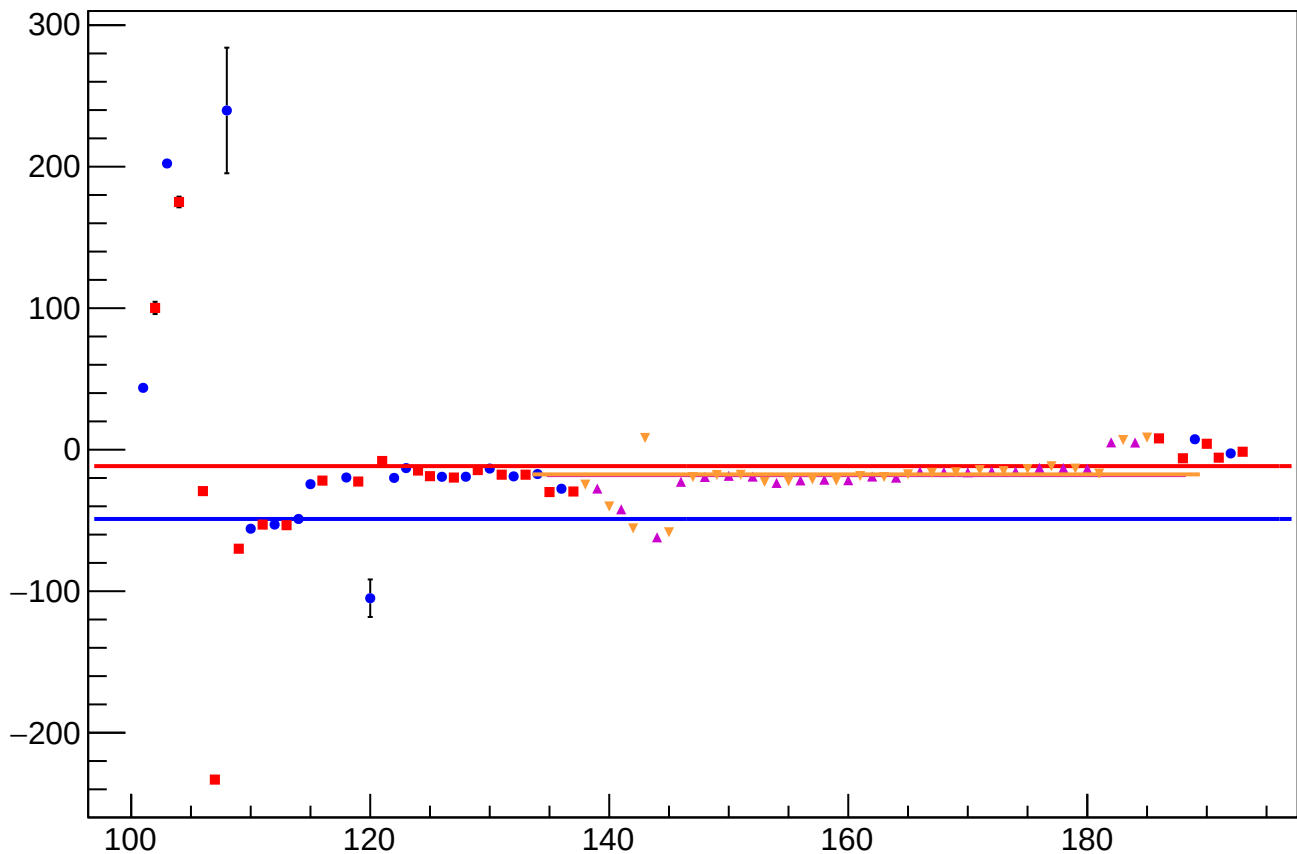
Left In: 160.049 $\pm$ 0.230 χ^2 /NDF:83579.0/22

+ sign 339.325 $\pm$ 0.000 χ^2 /NDF: 2431914.5/43

All: 339.325 $\pm$ 0.000 χ^2 /NDF: 4387943.0/89

- sign 123.741 $\pm$ 0.171 χ^2 /NDF: 375315.7/45

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 χ^2/NDF : 6518202.5/18

Left Out: -17.446 ± 0.010 χ^2/NDF : 714044.4/24

Right Out: -11.603 ± 0.034 χ^2/NDF : 334756.9/22

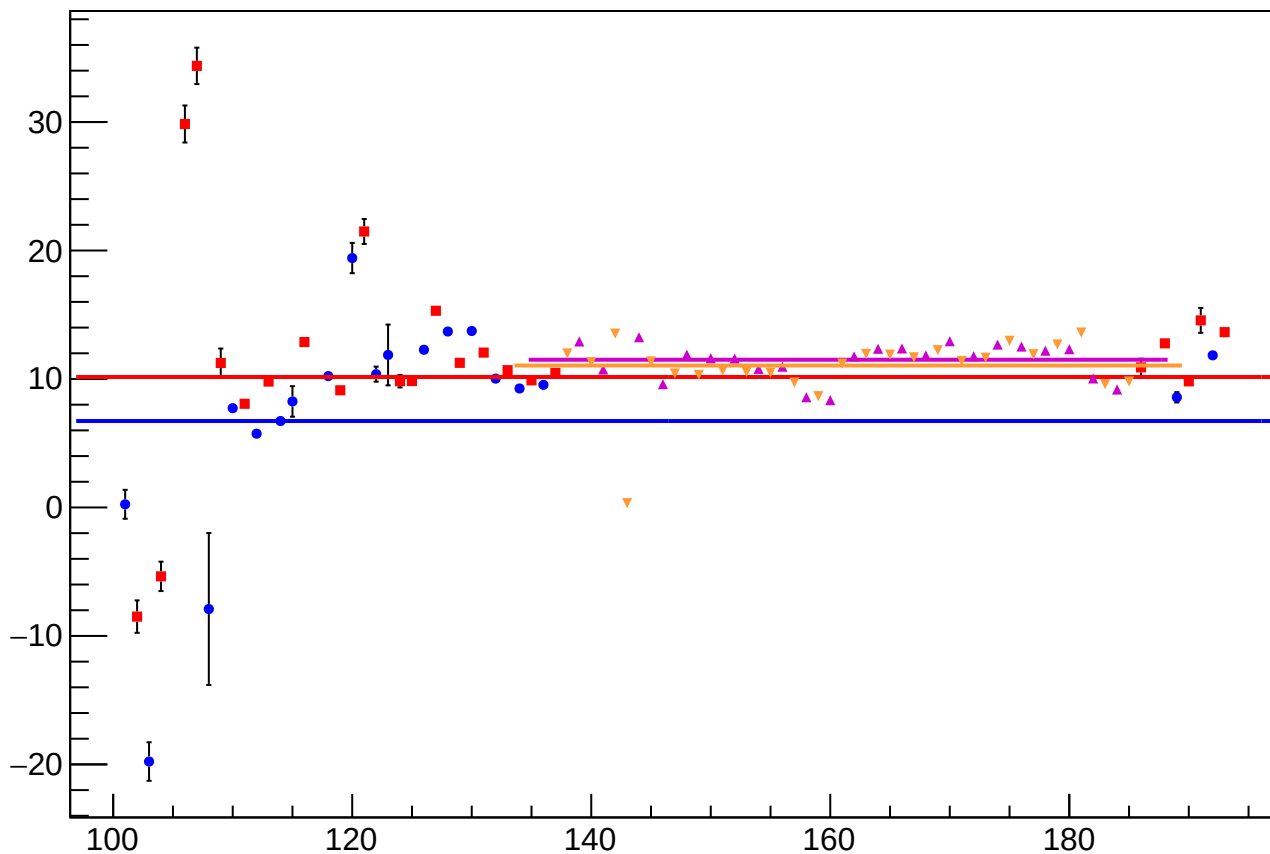
Left In: -17.951 ± 0.012 χ^2/NDF : 252123.1/22

+ sign -48.945 ± 0.000 χ^2/NDF : 17135685.8/43

All: -48.945 ± 0.000 χ^2/NDF : 25323987.6/89

- sign -17.215 ± 0.012 χ^2/NDF : 617917.6/45

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 14560.5/18

Left Out: 11.049 $\pm$ 0.012 χ^2 /NDF: 31618.4/24

Right Out: 10.156 $\pm$ 0.035 χ^2 /NDF: 6075.8/22

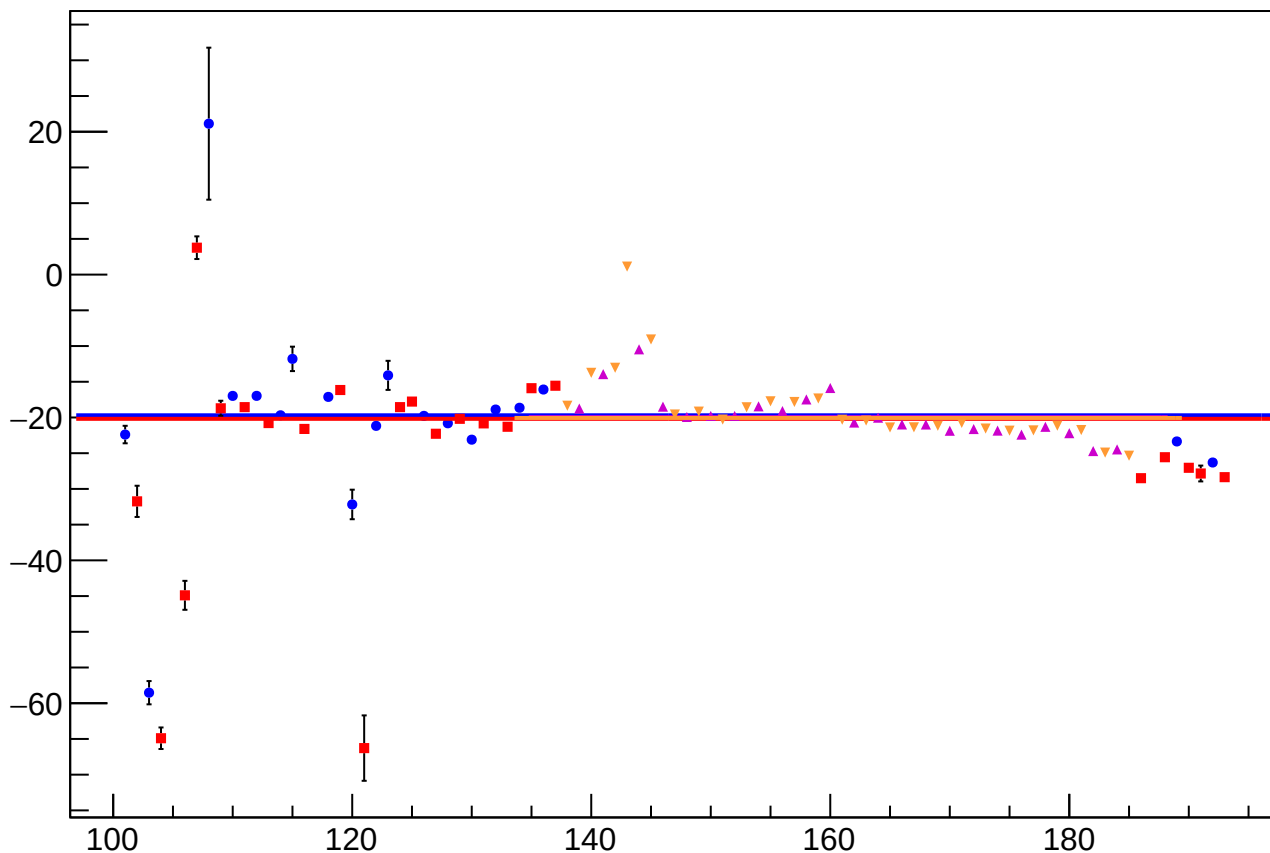
Left In: 11.498 $\pm$ 0.010 χ^2 /NDF: 15848.8/22

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 170633.7/43

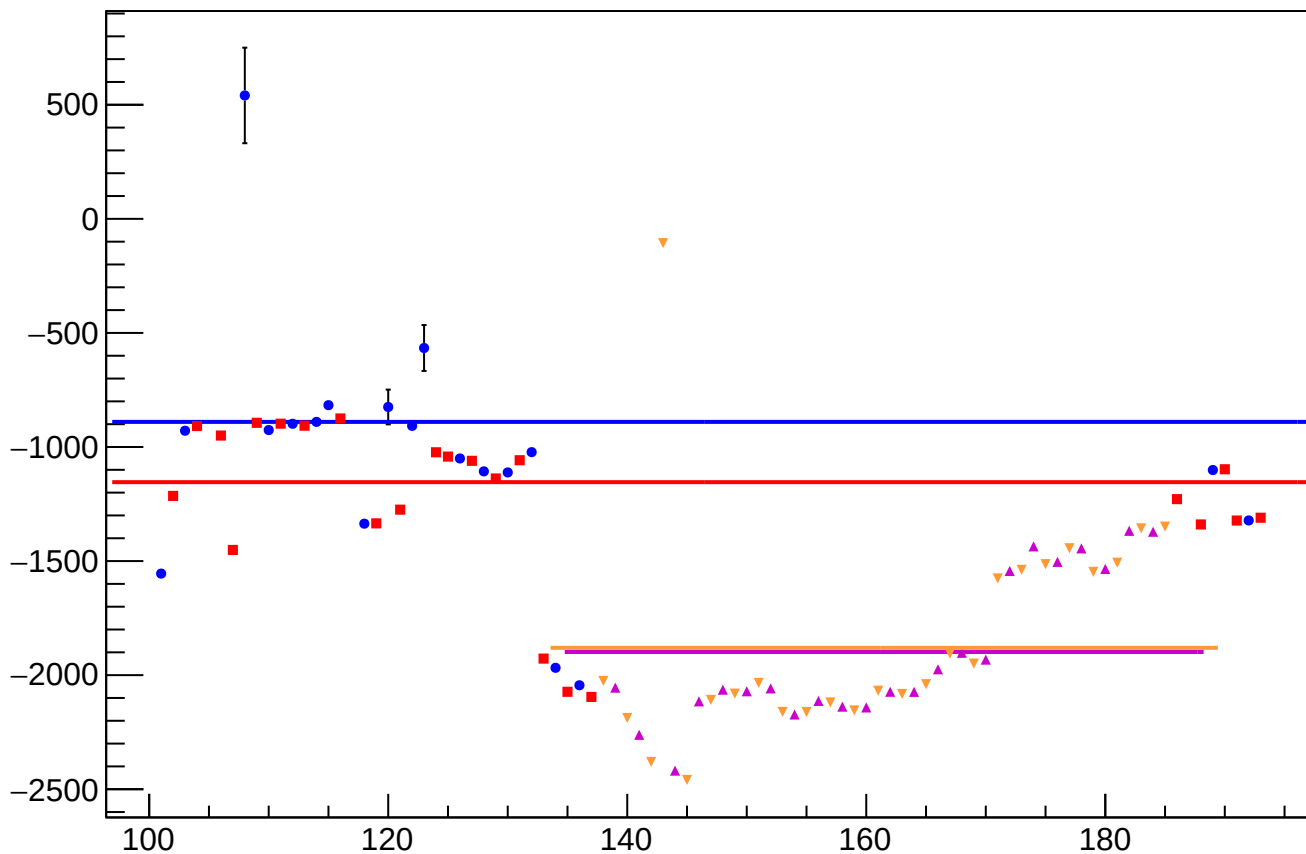
All: 6.728 $\pm$ 0.000 χ^2 /NDF: 411590.3/89

- sign 11.386 $\pm$ 0.010 χ^2 /NDF: 23306.3/45

dit_atl1_4eY_slope vs Slug



dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2 /NDF: 876340.8/18

Left Out: -1880.162+/-0.353 χ^2 /NDF: 873293.0/24

Right Out: -1154.106+/-0.272 χ^2 /NDF: 834815.5/22

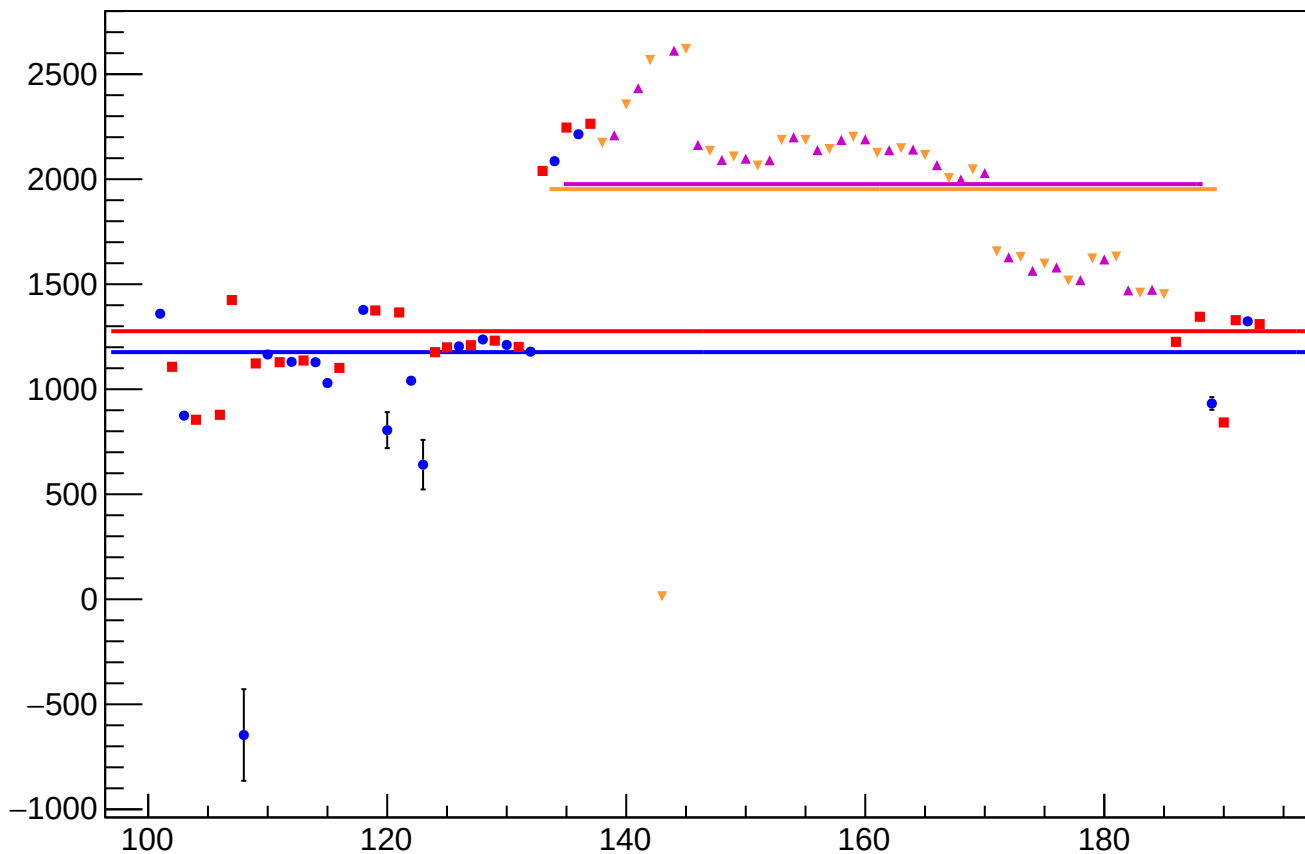
Left In: -1898.497+/-0.364 χ^2 /NDF: 698003.8/22

+ sign -889.928+/-0.000 χ^2 /NDF: 9621355.3/43

All: -889.928+/-0.000 χ^2 /NDF: 19784175.6/8

- sign -1421.468+/-0.218 χ^2 /NDF: 4216888.2/45

dit_atl2_4eX_slope vs Slug



Right In: 1176.685 $\pm$ 0.241 χ^2 /NDF: 522982.0/18

Left Out: 1952.706 $\pm$ 0.354 χ^2 /NDF: 820225.3/24

Right Out: 1276.372 $\pm$ 0.284 χ^2 /NDF: 528992.9/22

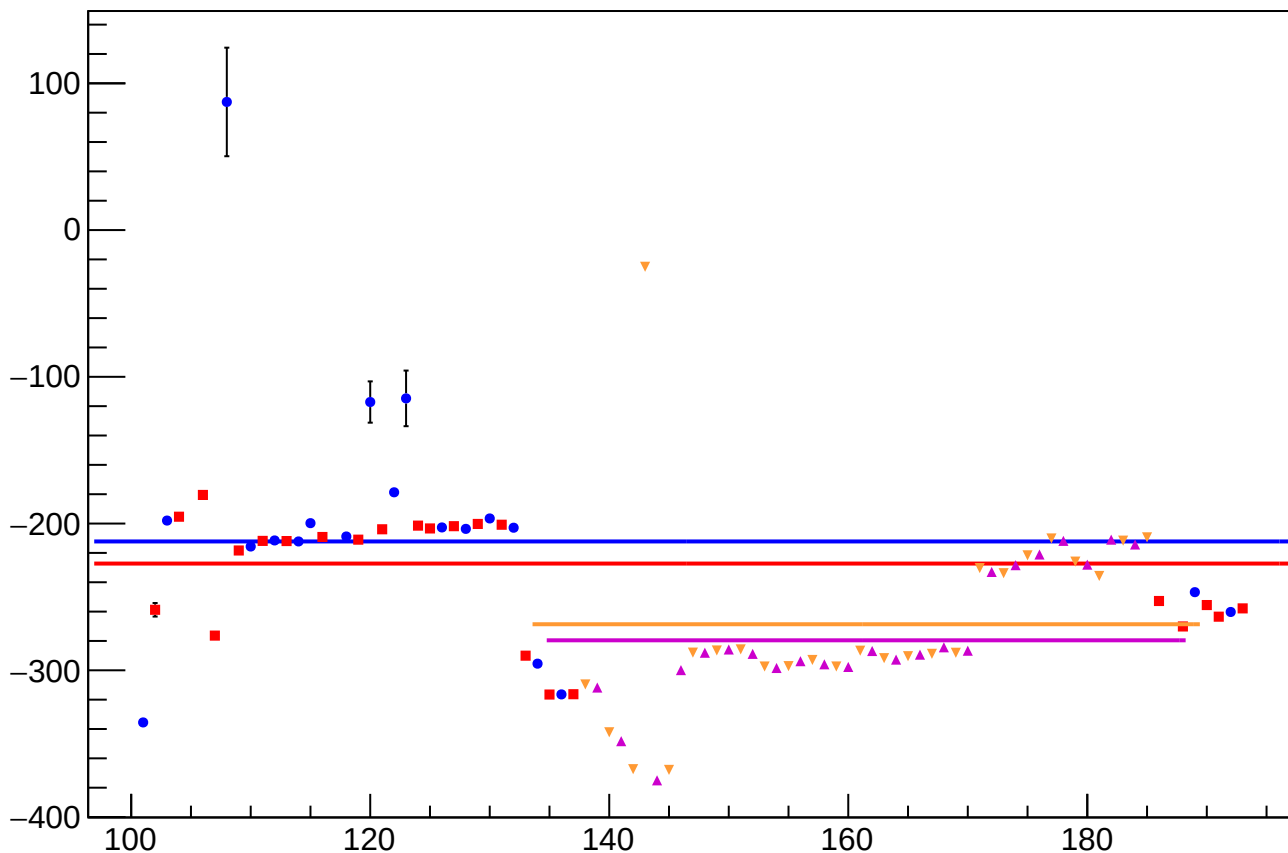
Left In: 1976.603 $\pm$ 0.367 χ^2 /NDF: 625684.0/22

+ sign 1422.278 $\pm$ 0.199 χ^2 /NDF: 4627915.8/43

All: 1473.390 $\pm$ 0.149 χ^2 /NDF: 8207201.4/89

- sign 1538.442 $\pm$ 0.225 χ^2 /NDF: 3429577.9/45

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 χ^2/NDF : 1366212.8/18

Left Out: -268.611 ± 0.022 χ^2/NDF : 7041710.3/24

Right Out: -227.266 ± 0.035 χ^2/NDF : 674306.6/22

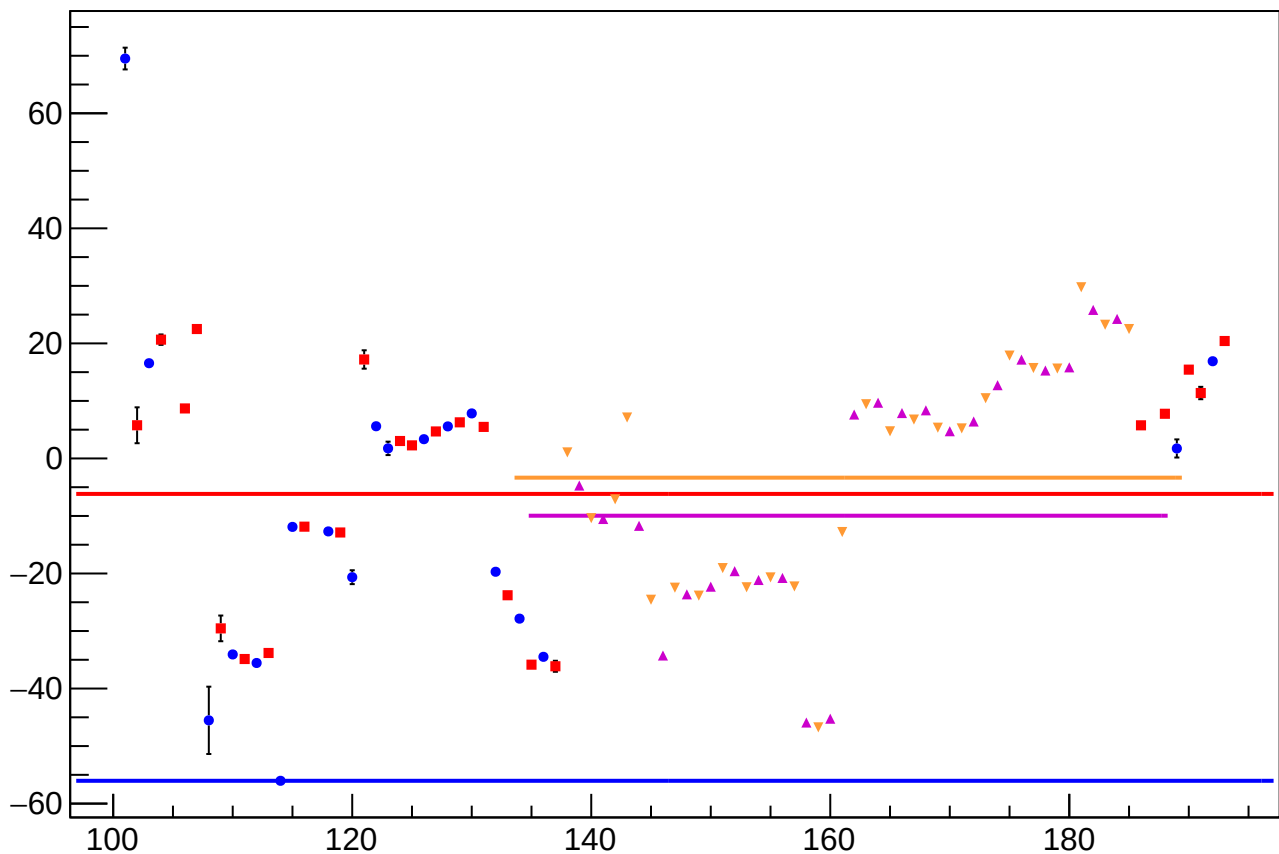
Left In: -279.563 ± 0.022 χ^2/NDF : 2298119.7/22

+ sign -212.190 ± 0.000 χ^2/NDF : 14964239.9/43

All: -212.190 ± 0.000 χ^2/NDF : 27794619.9/8

- sign -265.038 ± 0.018 χ^2/NDF : 4590997.1/45

dit_atl2_4aY_slope vs Slug



Right In: -56.037 $\pm$ 0.000 χ^2 /NDF: 1688858.5/18

Left Out: -3.341 $\pm$ 0.018 χ^2 /NDF:1399746.6/24

Right Out: -6.166 $\pm$ 0.041 χ^2 /NDF: 187109.1/22

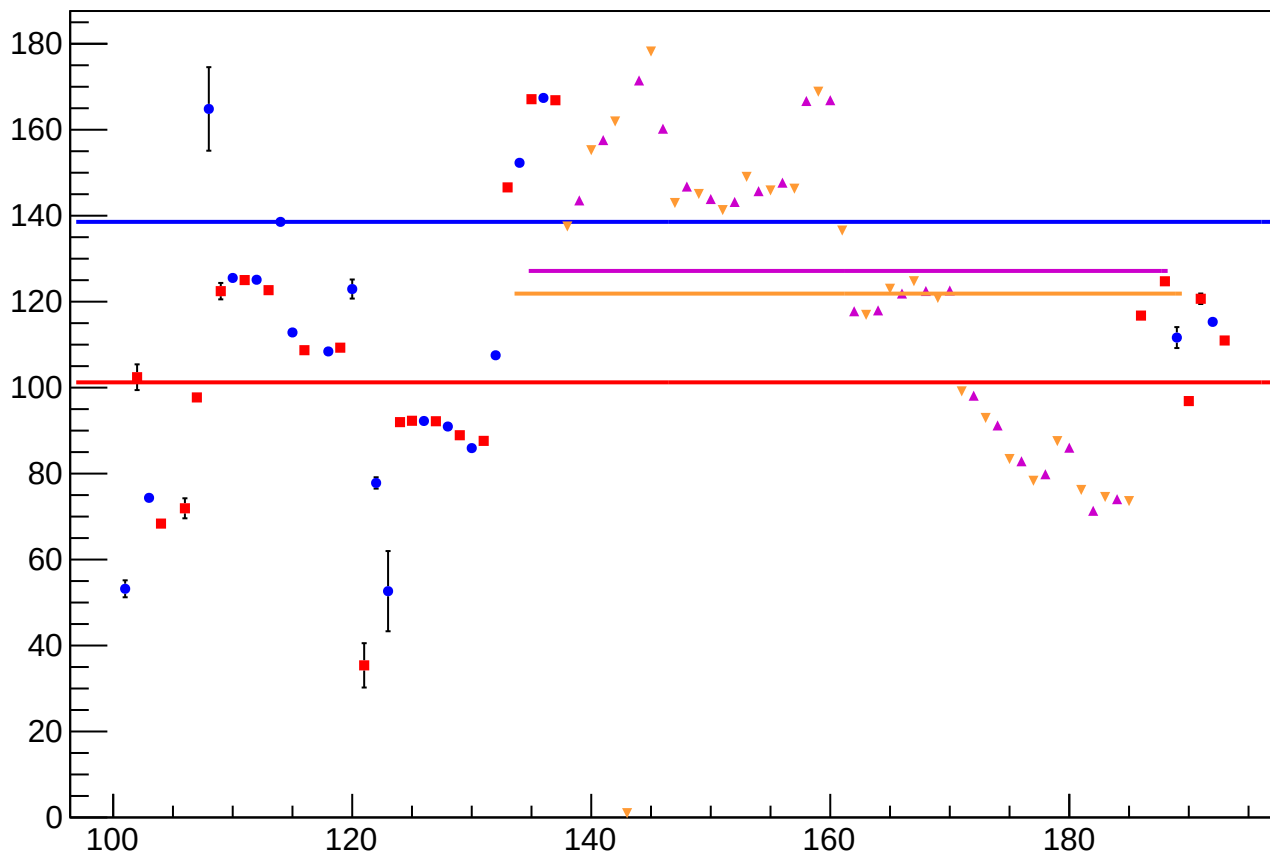
Left In: -9.956 $\pm$ 0.018 χ^2 /NDF:1689839.0/22

+ sign -56.037 $\pm$ 0.000 χ^2 /NDF: 12076424.5/43

All: -56.037 $\pm$ 0.000 χ^2 /NDF: 21679352.6/89

- sign -9.308 $\pm$ 0.017 χ^2 /NDF: 1884136.2/45

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 910539.6/18

Left Out: 121.875 $\pm$ 0.024 χ^2 /NDF:1617383.6/24

Right Out: 101.228 $\pm$ 0.033 χ^2 /NDF: 310428.4/22

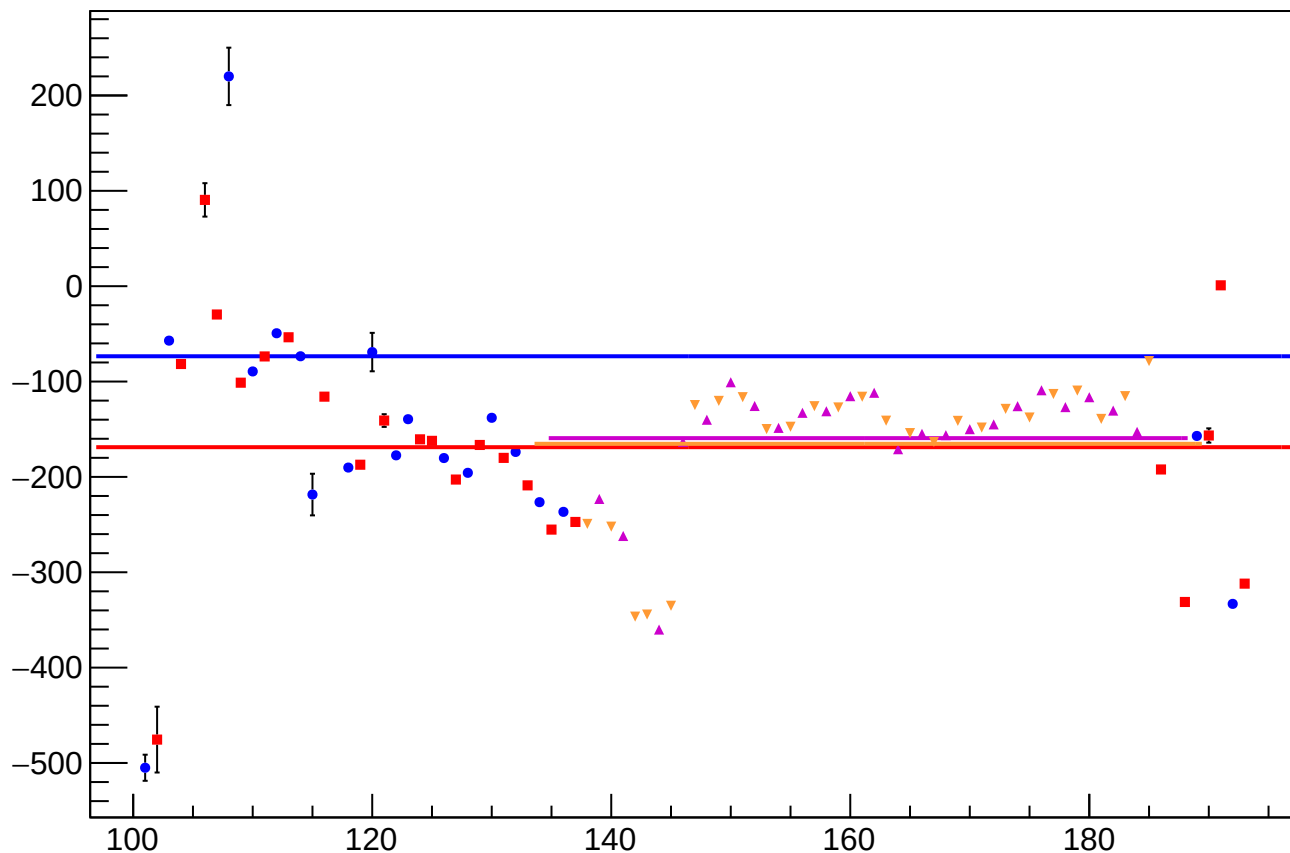
Left In: 127.150 $\pm$ 0.026 χ^2 /NDF:1340248.6/22

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 2999660.9/43

All: 138.565 $\pm$ 0.000 χ^2 /NDF: 6150628.3/89

- sign 116.997 $\pm$ 0.020 χ^2 /NDF: 2034823.0/45

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF : 146325.8/18

Left Out: -165.282+/-0.232 χ^2/NDF : 84301.0/24

Right Out: -168.838+/-0.314 χ^2/NDF : 89072.7/22

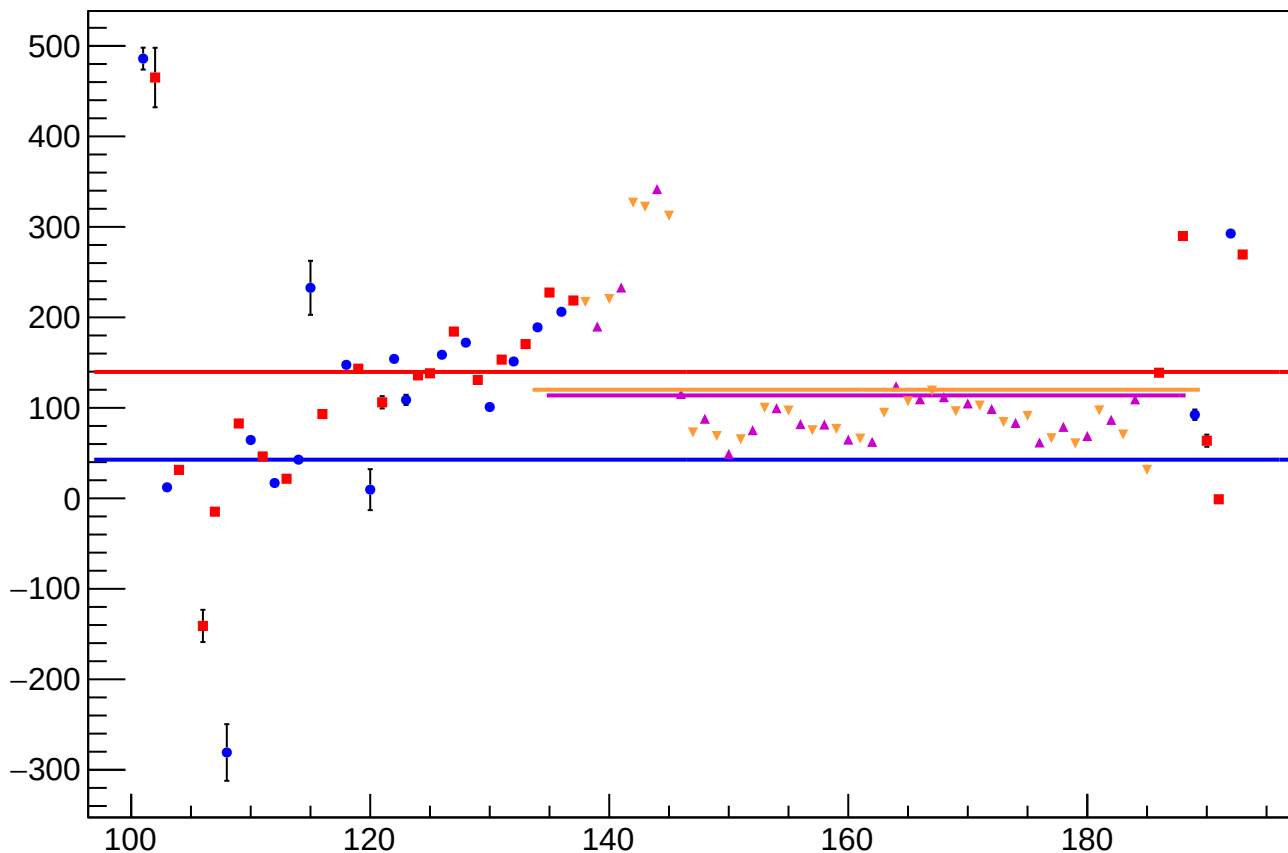
Left In: -159.346+/-0.239 χ^2/NDF : 73885.5/22

+ sign -73.485+/-0.000 χ^2/NDF : 387542.0/43

All: -73.485+/-0.000 χ^2/NDF : 771863.8/89

- sign -162.836+/-0.190 χ^2/NDF : 163537.5/45

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 132132.8/18

Left Out: 120.053+/-0.237 χ^2/NDF : 97926.9/24

Right Out: 139.691+/-0.343 χ^2/NDF : 72005.9/22

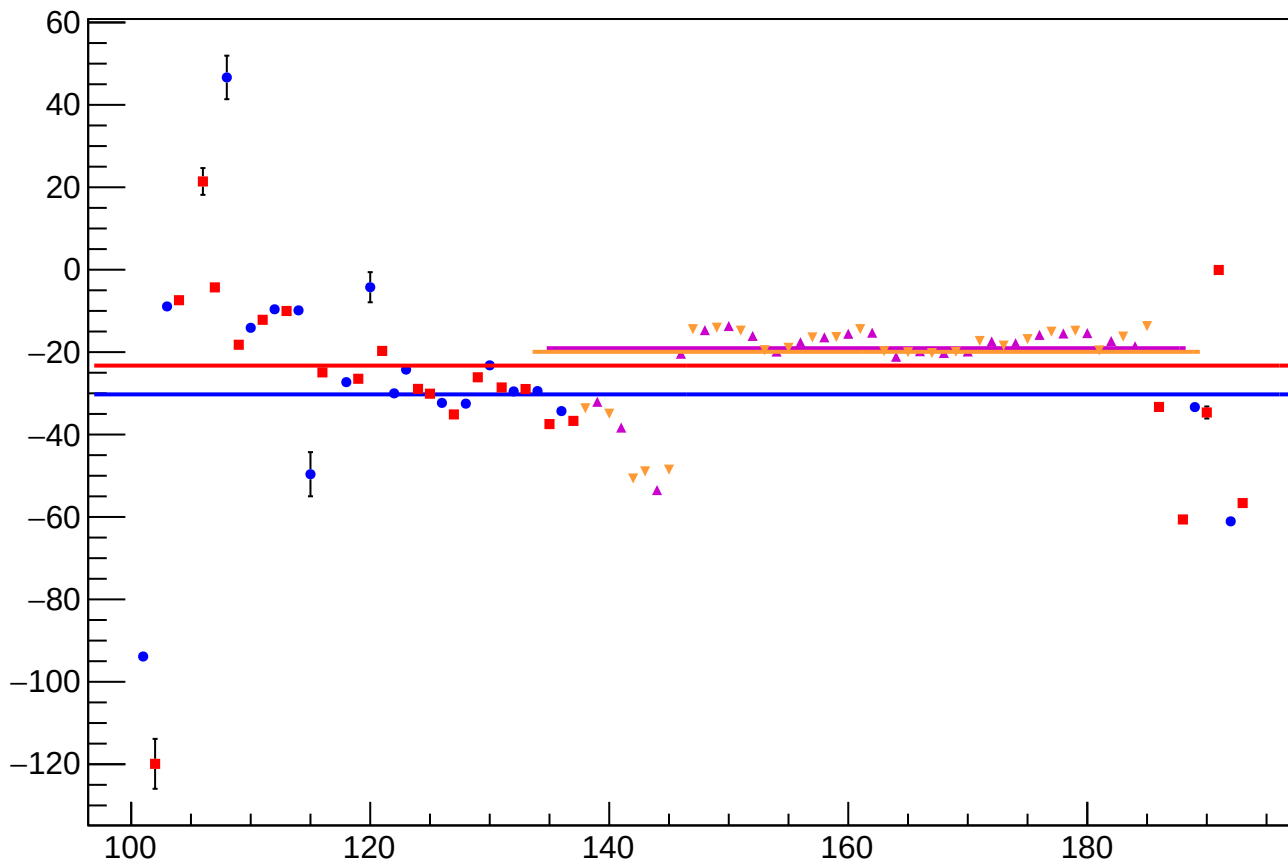
Left In: 113.733+/-0.246 χ^2/NDF : 81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF : 336490.7/43

All: 42.743+/-0.000 χ^2/NDF : 653532.2/89

- sign 122.579+/-0.200 χ^2/NDF : 157676.9/45

dit_atr1_11X12X_slope vs Slug



Right In: -30.255 ± 0.034 χ^2/NDF : 87103.2/18

Left Out: -19.926 ± 0.012 χ^2/NDF : 374900.2/24

Right Out: -23.270 ± 0.034 χ^2/NDF : 222494.4/22

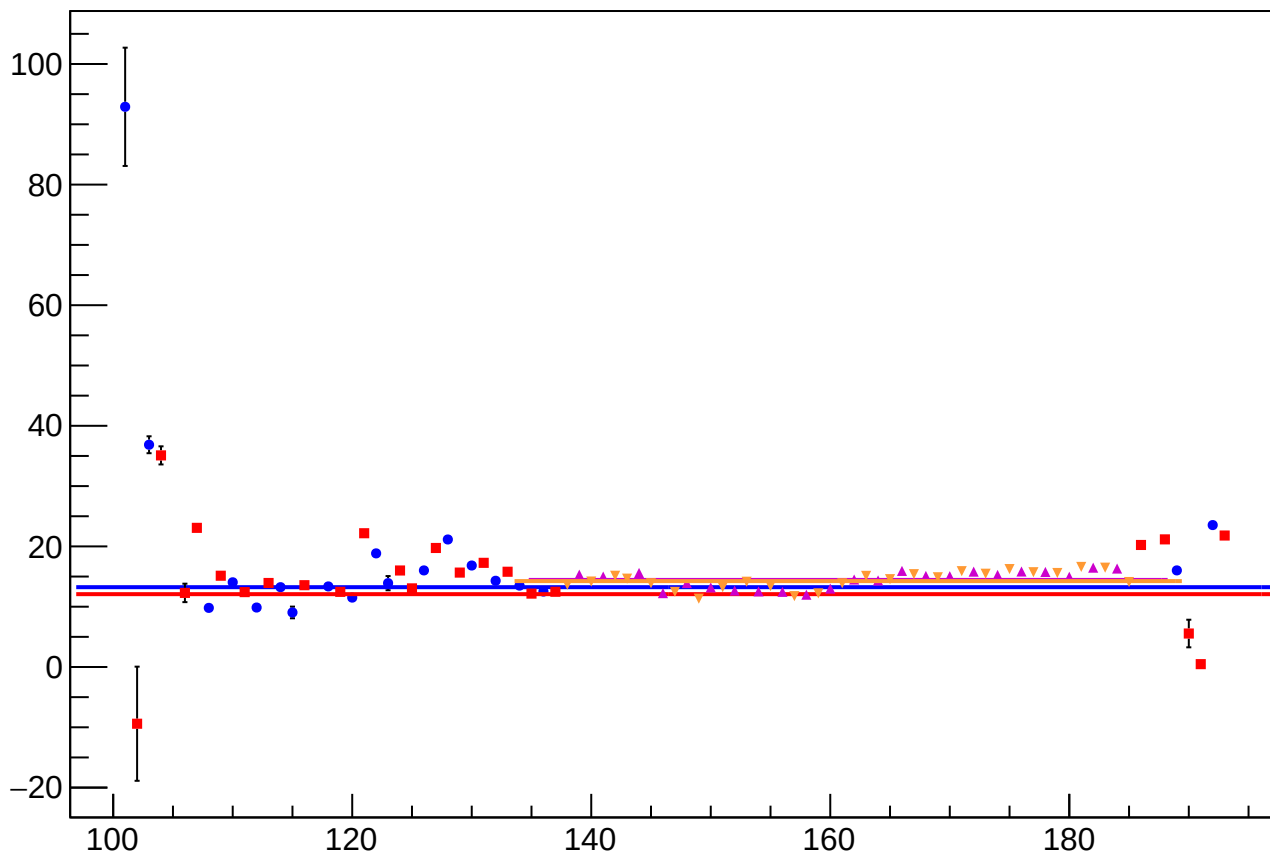
Left In: -19.047 ± 0.014 χ^2/NDF : 214747.8/22

+ sign -21.126 ± 0.012 χ^2/NDF : 544448.3/43

All: -20.474 ± 0.009 χ^2/NDF : 1002144.0/89

- sign -19.658 ± 0.013 χ^2/NDF : 450492.9/45

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 7427.6/18

Left Out: 14.245 $\pm$ 0.012 χ^2 /NDF:12367.6/24

Right Out: 12.080 $\pm$ 0.040 χ^2 /NDF: 24107.7/22

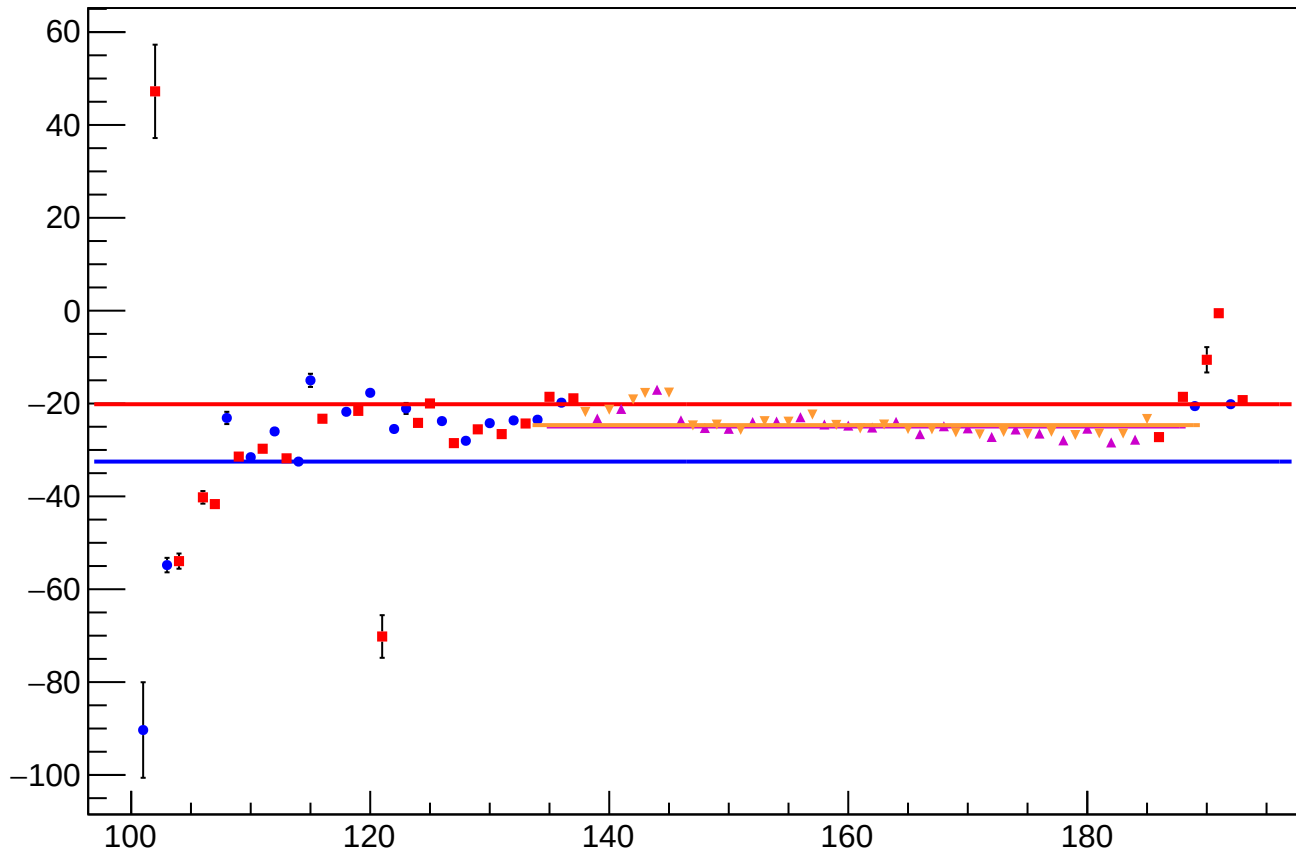
Left In: 14.441 $\pm$ 0.012 χ^2 /NDF:12955.9/22

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 26864.8/43

All: 13.238 $\pm$ 0.000 χ^2 /NDF: 75415.5/89

- sign 14.259 $\pm$ 0.011 χ^2 /NDF: 40216.2/45

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 77351.7/18

Left Out: -24.652 ± 0.015 χ^2/NDF : 23058.0/24

Right Out: -20.150 ± 0.042 χ^2/NDF : 59486.1/22

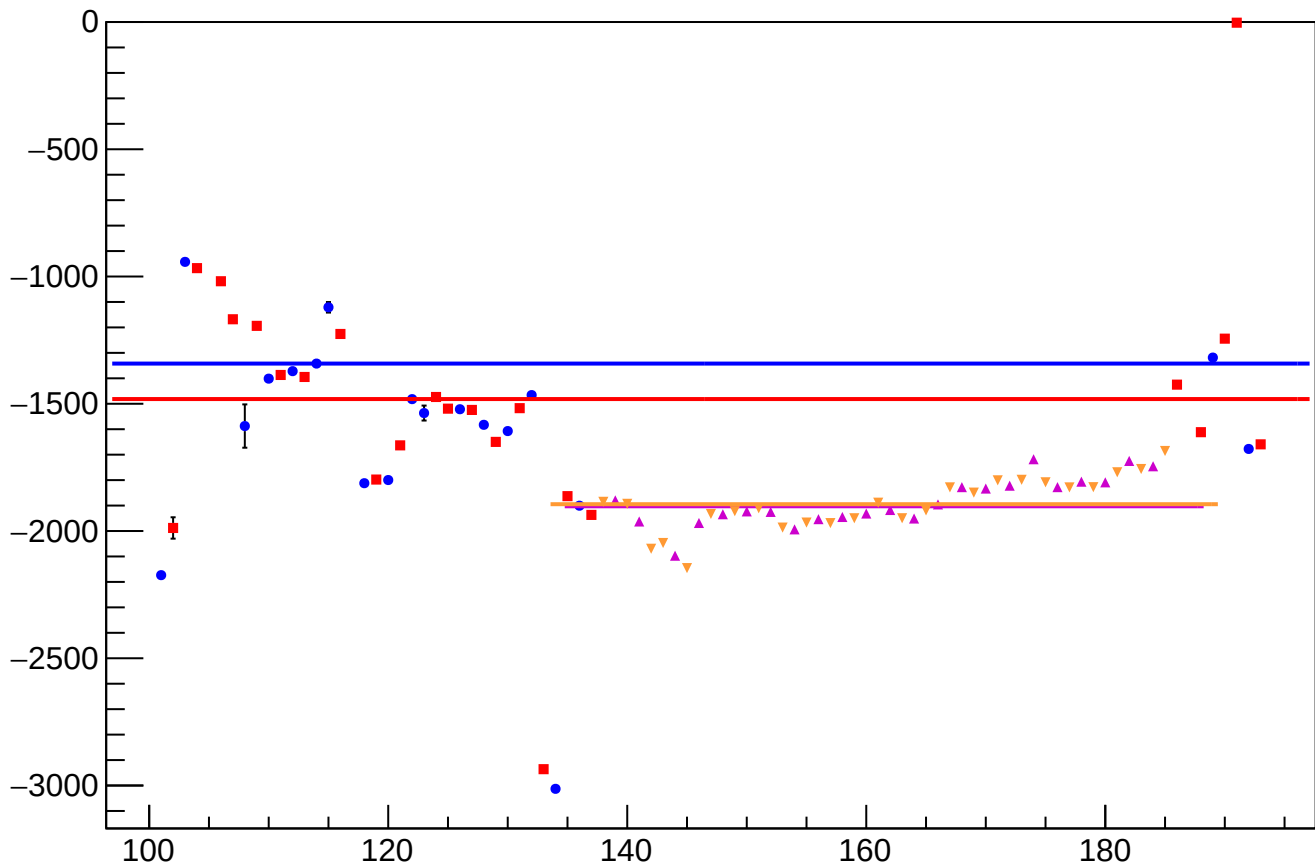
Left In: -24.948 ± 0.015 χ^2/NDF : 14049.6/22

+ sign -32.504 ± 0.000 χ^2/NDF : 375739.7/43

All: -32.504 ± 0.000 χ^2/NDF : 784960.2/89

- sign -24.387 ± 0.014 χ^2/NDF : 85227.7/45

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 ± 0.000 χ^2/NDF : 525483.2/18

Left Out: -1894.646 ± 0.318 χ^2/NDF : 67387.8/24

Right Out: -1481.479 ± 0.312 χ^2/NDF : 1841973.1/22

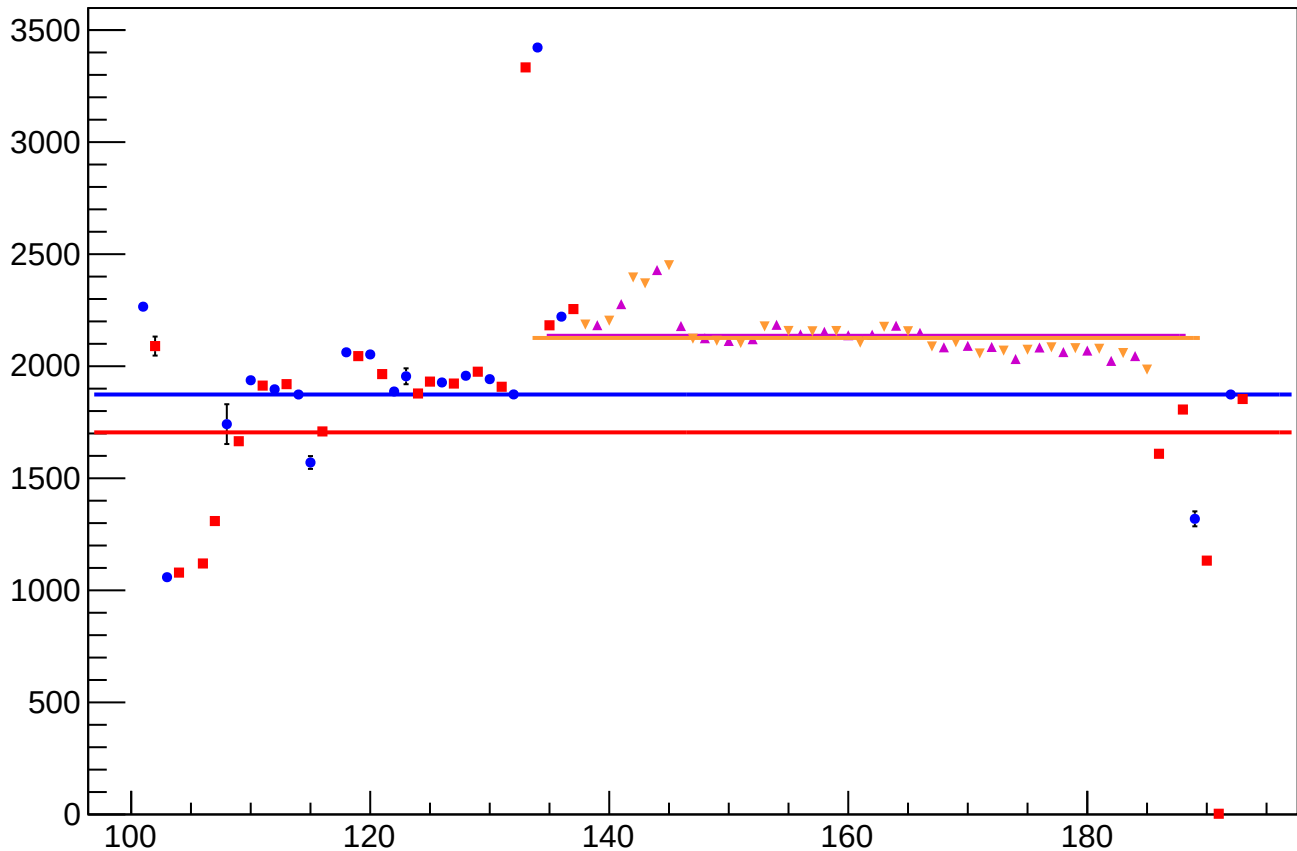
Left In: -1902.803 ± 0.289 χ^2/NDF : 69208.9/22

+ sign -1342.107 ± 0.000 χ^2/NDF : 3616167.4/43

All: -1342.107 ± 0.000 χ^2/NDF : 9496775.6/8

- sign -1708.515 ± 0.212 χ^2/NDF : 2892839.7/45

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 201839.6/18

Left Out: 2126.160+/-0.317 χ^2/NDF : 48244.0/24

Right Out: 1704.846+/-0.322 χ^2/NDF : 3258799.2/22

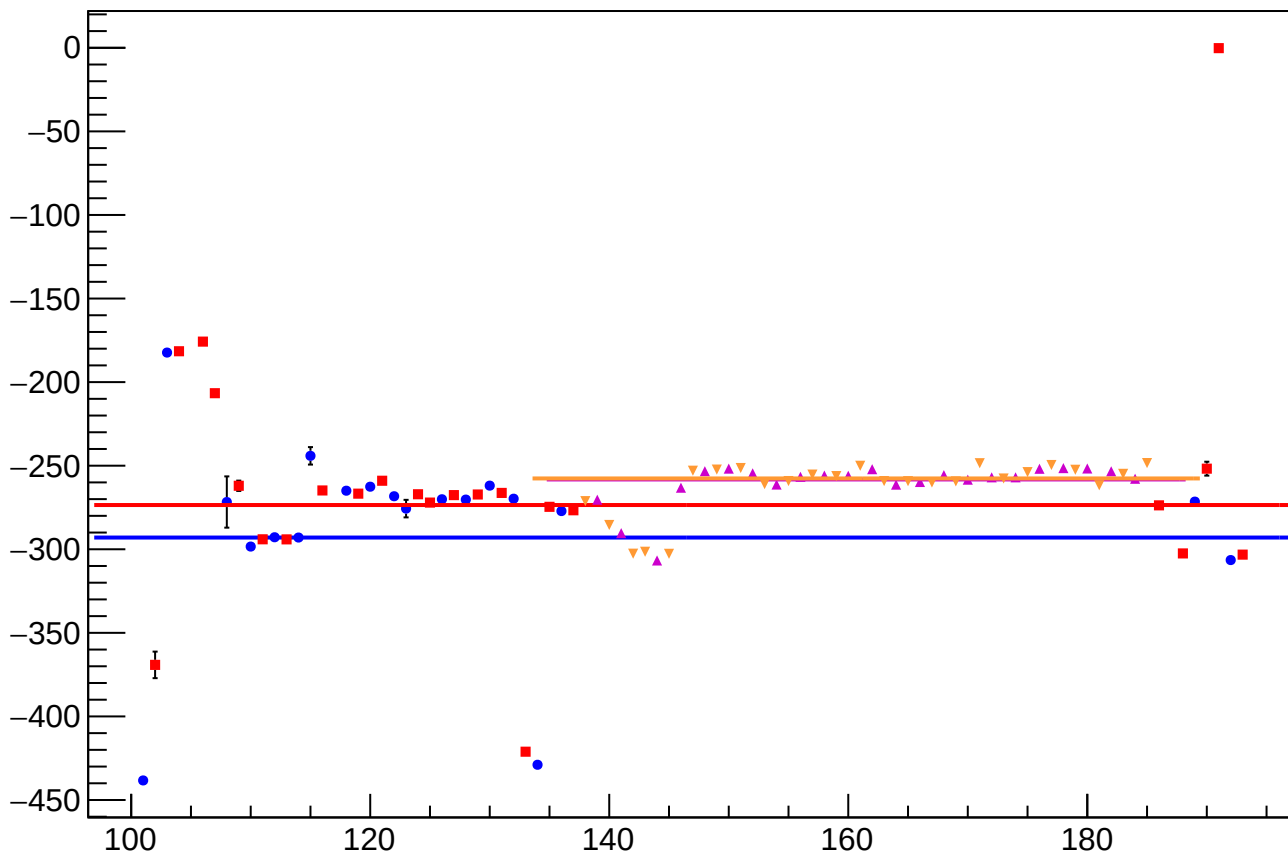
Left In: 2135.770+/-0.290 χ^2/NDF : 58031.3/22

+ sign 1873.852+/-0.000 χ^2/NDF : 882451.2/43

All: 1873.852+/-0.000 χ^2/NDF : 5293038.8/89

- sign 1943.201+/-0.215 χ^2/NDF : 4306854.1/45

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF : 1052792.6/18

Left Out: -257.631+/-0.020 χ^2/NDF : 226942.0/24

Right Out: -273.533+/-0.040 χ^2/NDF : 1813621.6/22

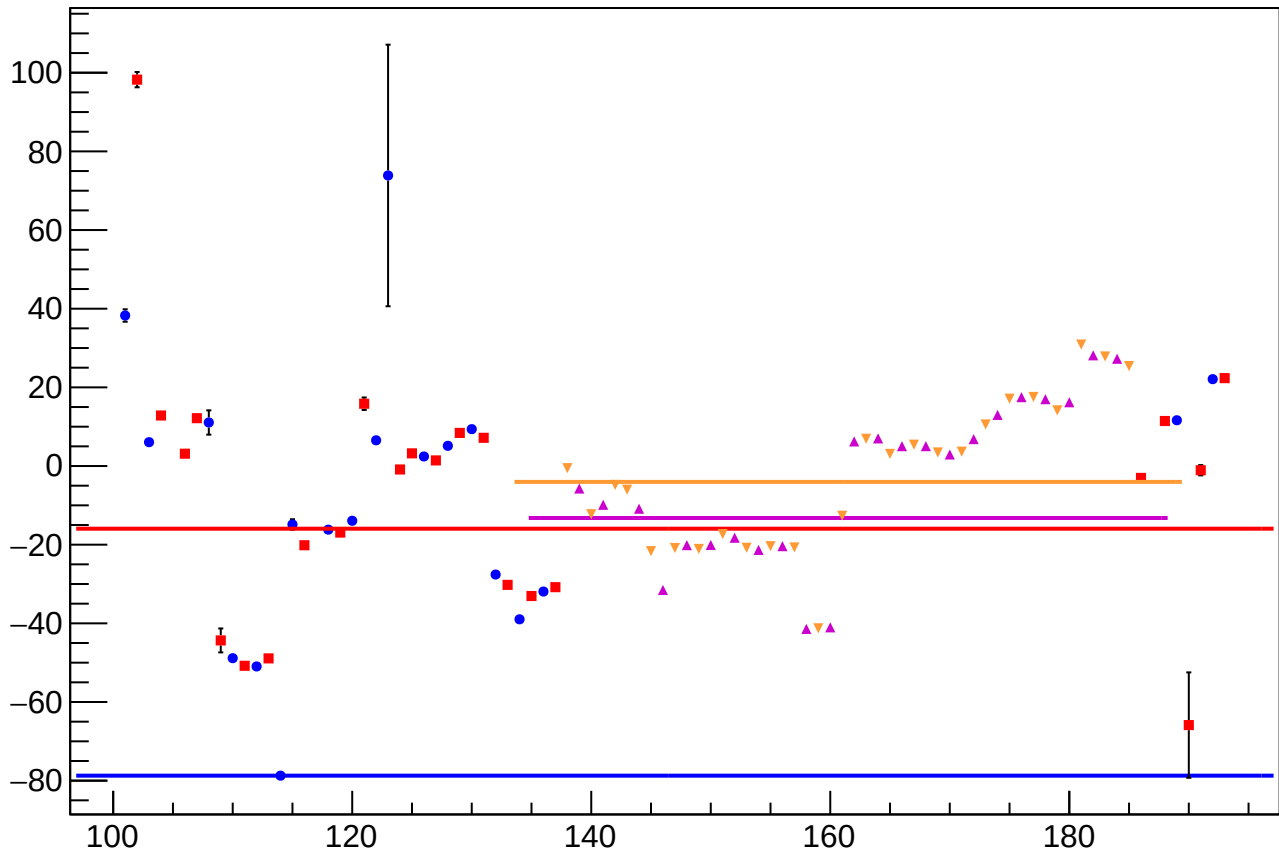
Left In: -258.240+/-0.017 χ^2/NDF : 268186.3/22

+ sign -292.986+/-0.000 χ^2/NDF : 4449720.4/43

All: -292.986+/-0.000 χ^2/NDF : 10713680.2/8

- sign -260.686+/-0.016 χ^2/NDF : 2204072.7/45

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 χ^2/NDF : 1567428.2/18

Left Out: -4.036 ± 0.017 χ^2/NDF : 1369619.3/24

Right Out: -15.935 ± 0.067 χ^2/NDF : 97245.9/22

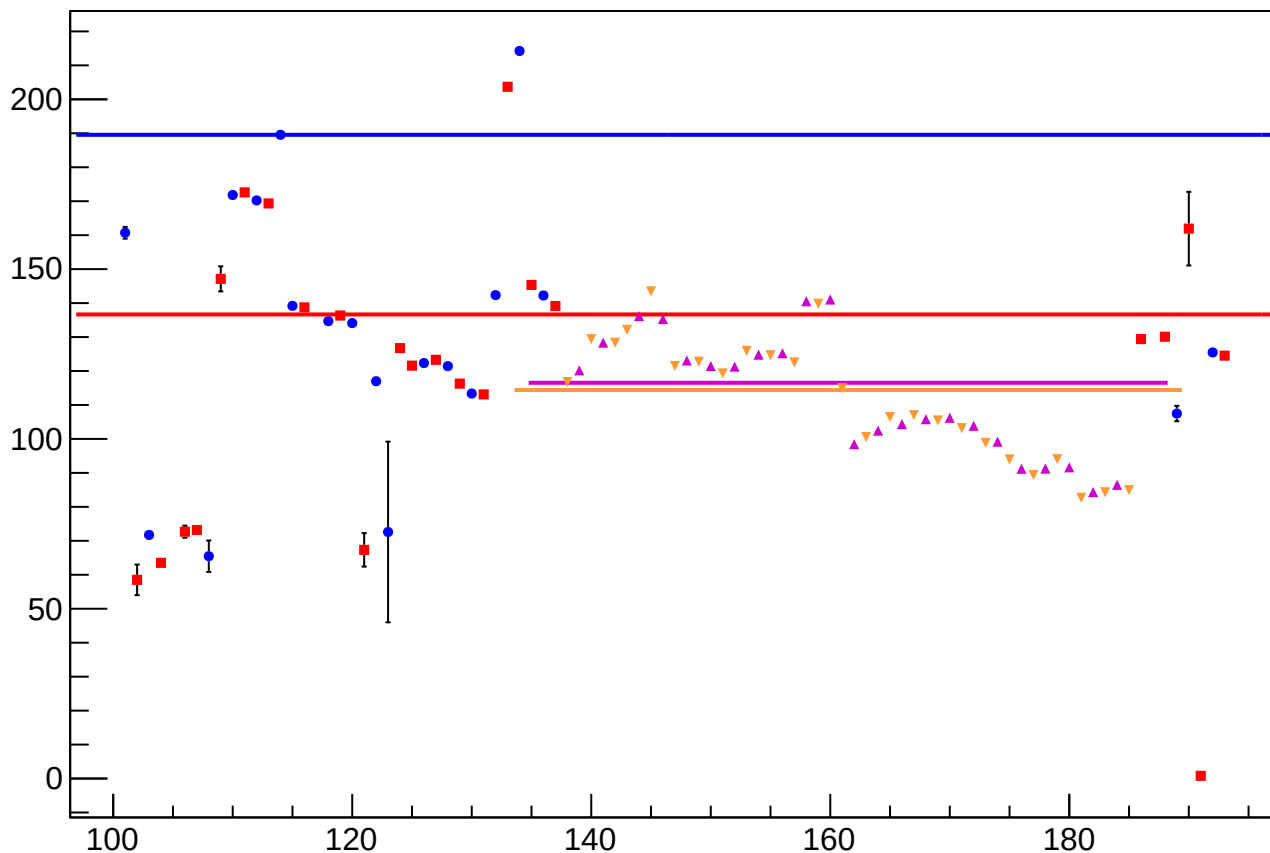
Left In: -13.213 ± 0.017 χ^2/NDF : 1356033.4/22

+ sign -78.728 ± 0.000 χ^2/NDF : 22077741.1/43

All: -78.728 ± 0.000 χ^2/NDF : 39416472.4/89

- sign -13.377 ± 0.016 χ^2/NDF : 1454848.3/45

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 999352.0/18

Left Out: 114.395 $\pm$ 0.023 χ^2 /NDF: 434871.2/24

Right Out: 136.655 $\pm$ 0.057 χ^2 /NDF: 127387.2/22

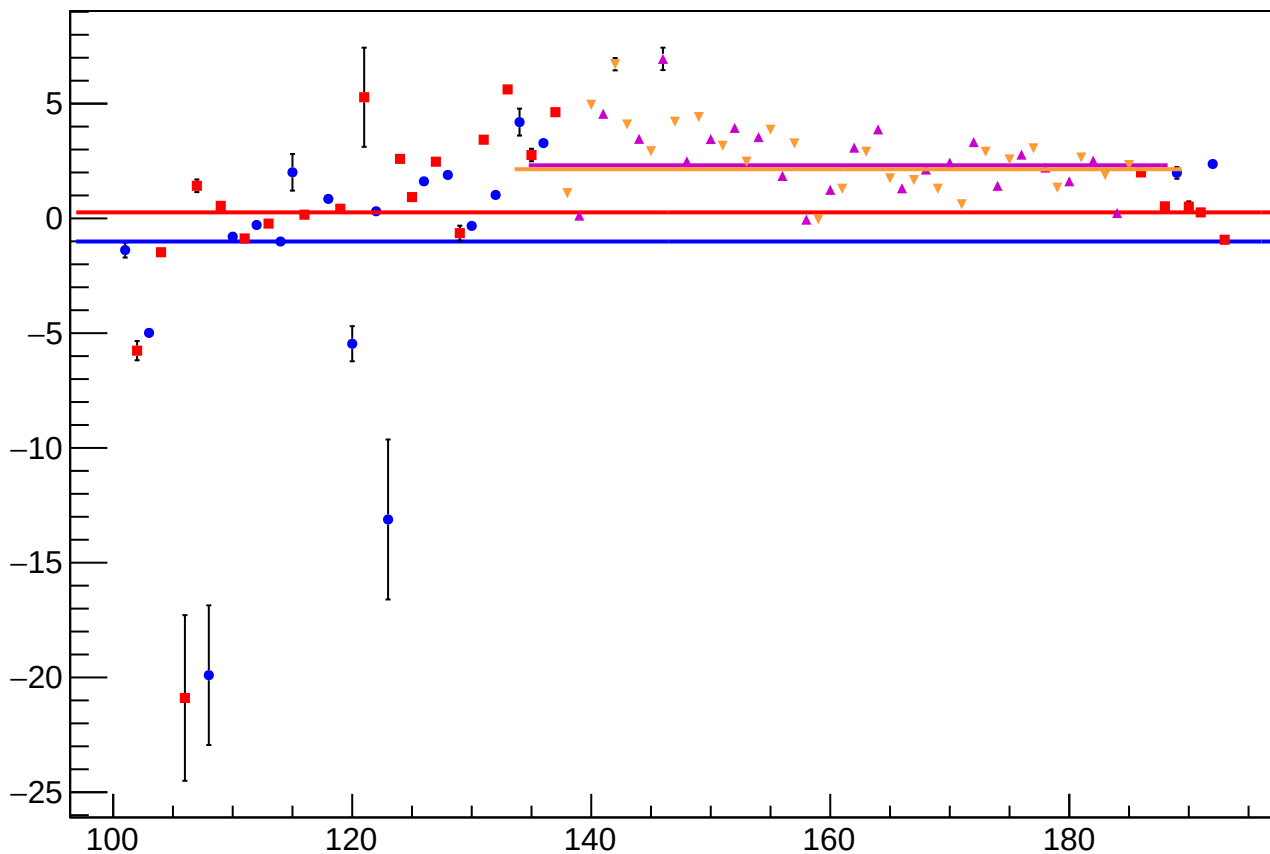
Left In: 116.538 $\pm$ 0.024 χ^2 /NDF: 458128.6/22

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 12520479.2/43

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 23527945.8/89

- sign 119.481 $\pm$ 0.022 χ^2 /NDF: 691724.8/45

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7861.7/18

Left Out: 2.143 ± 0.015 χ^2/NDF : 6585.0/24

Right Out: 0.262 ± 0.015 χ^2/NDF : 4584.9/22

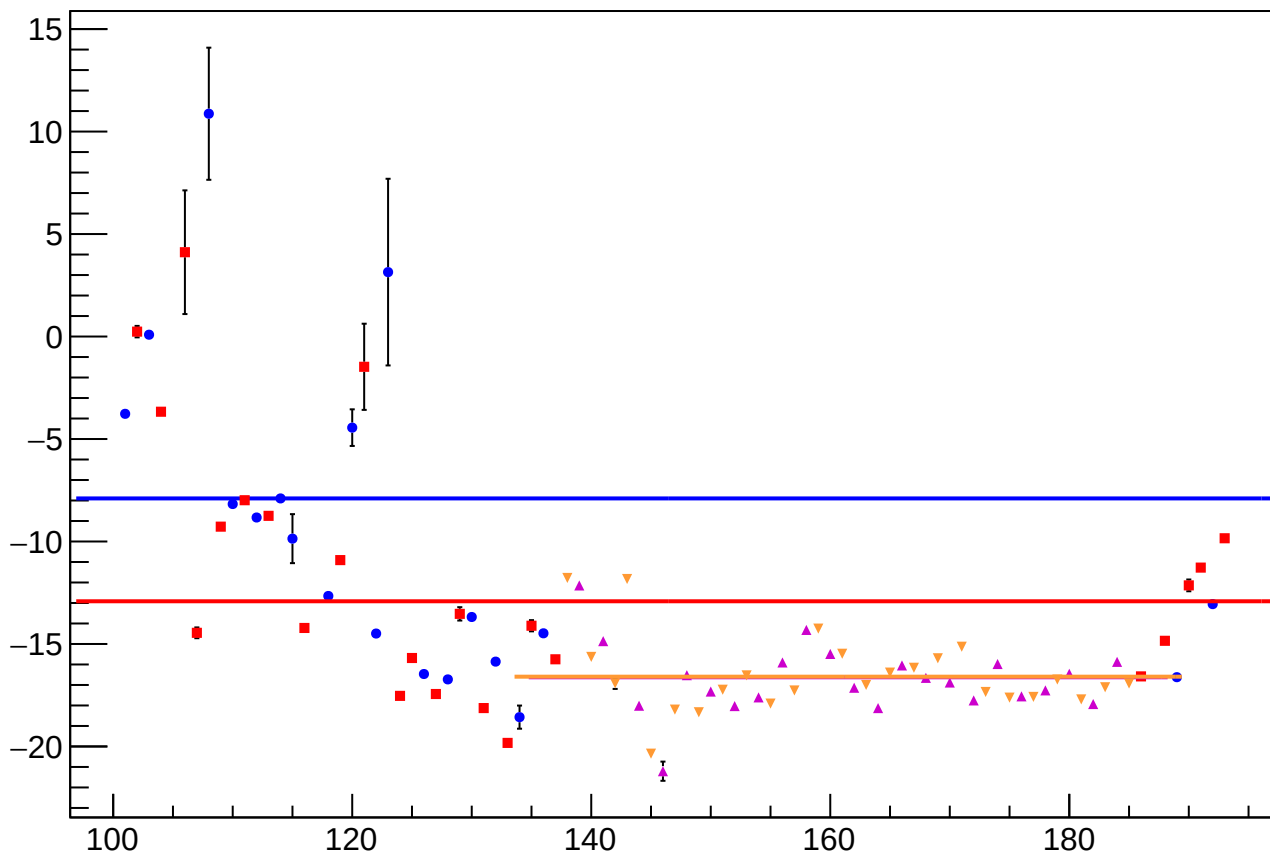
Left In: 2.313 ± 0.014 χ^2/NDF : 7446.3/22

+ sign -1.007 ± 0.000 χ^2/NDF : 60668.1/43

All: -1.007 ± 0.000 χ^2/NDF : 135485.4/89

- sign 1.361 ± 0.010 χ^2/NDF : 21905.9/45

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 $\chi^2/\text{NDF}: 44434.3/18$

Left Out: -16.595 ± 0.014 $\chi^2/\text{NDF}: 8432.7/24$

Right Out: -12.916 ± 0.019 $\chi^2/\text{NDF}: 27545.5/22$

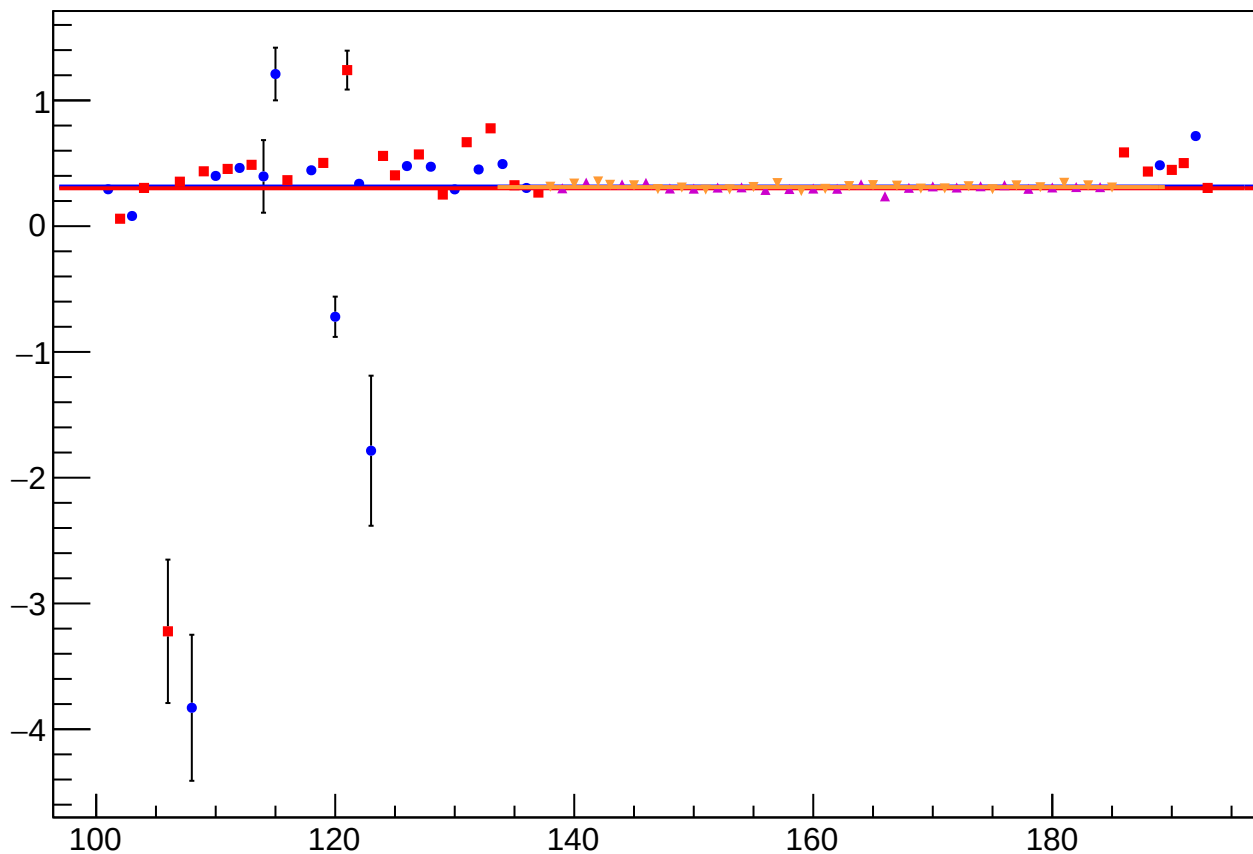
Left In: -16.625 ± 0.015 $\chi^2/\text{NDF}: 6289.5/22$

+ sign -7.899 ± 0.000 $\chi^2/\text{NDF}: 418712.5/43$

All: -7.899 ± 0.000 $\chi^2/\text{NDF}: 876064.7/89$

- sign -15.225 ± 0.012 $\chi^2/\text{NDF}: 57884.7/45$

dit_sam1_11X12X_slope vs Slug



Right In: 0.315 $\pm$ 0.001 χ^2 /NDF: 3229.2/18

Left Out: 0.311 $\pm$ 0.000 χ^2 /NDF: 4975.7/24

Right Out: 0.301 $\pm$ 0.001 χ^2 /NDF: 7011.1/22

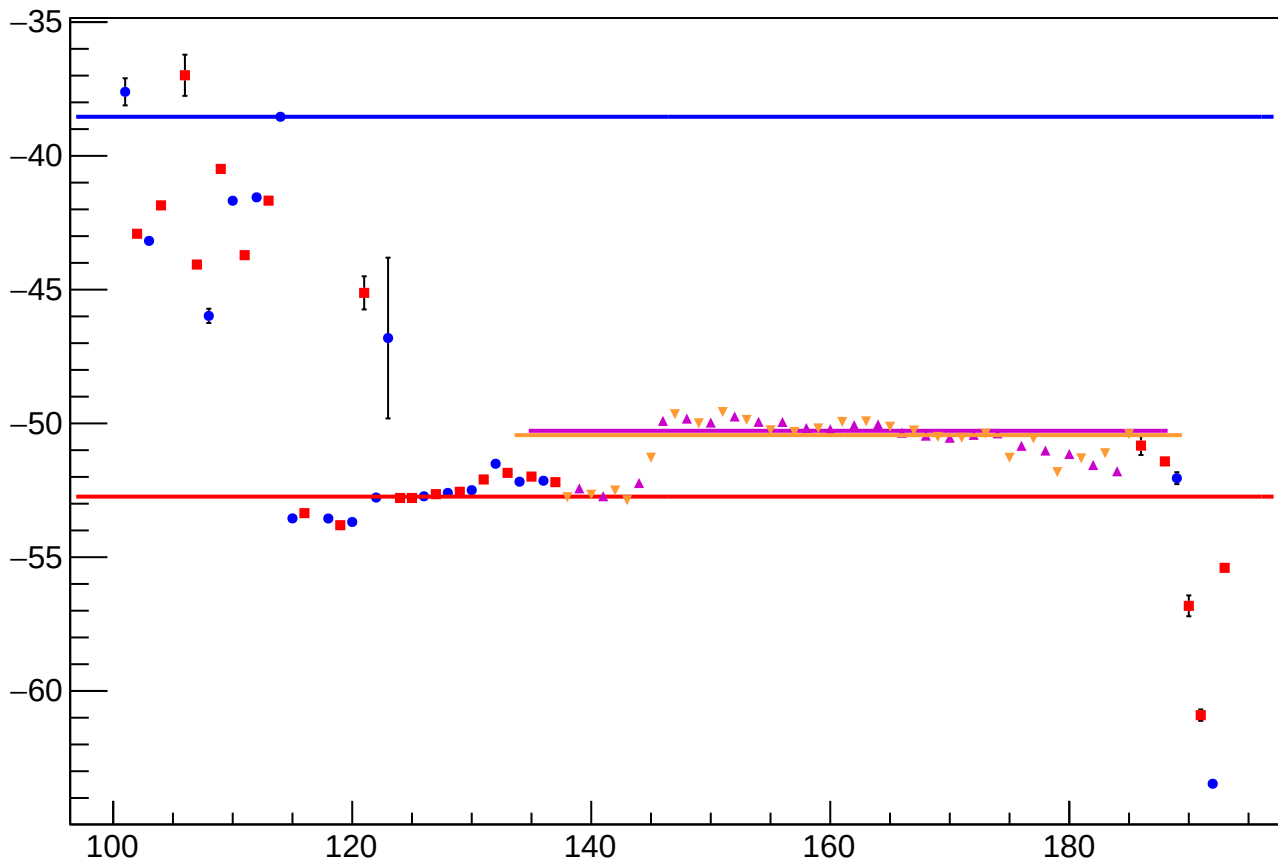
Left In: 0.310 $\pm$ 0.000 χ^2 /NDF: 3074.6/22

+ sign 0.311 $\pm$ 0.000 χ^2 /NDF: 8223.2/43

All: 0.310 $\pm$ 0.000 χ^2 /NDF: 18436.0/89

- sign 0.309 $\pm$ 0.000 χ^2 /NDF: 10185.5/45

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 $\chi^2/\text{NDF}: 14981898.0/18$

Left Out: -50.438 ± 0.001 $\chi^2/\text{NDF}: 299897.3/24$

Right Out: -52.736 ± 0.002 $\chi^2/\text{NDF}: 83723.8/22$

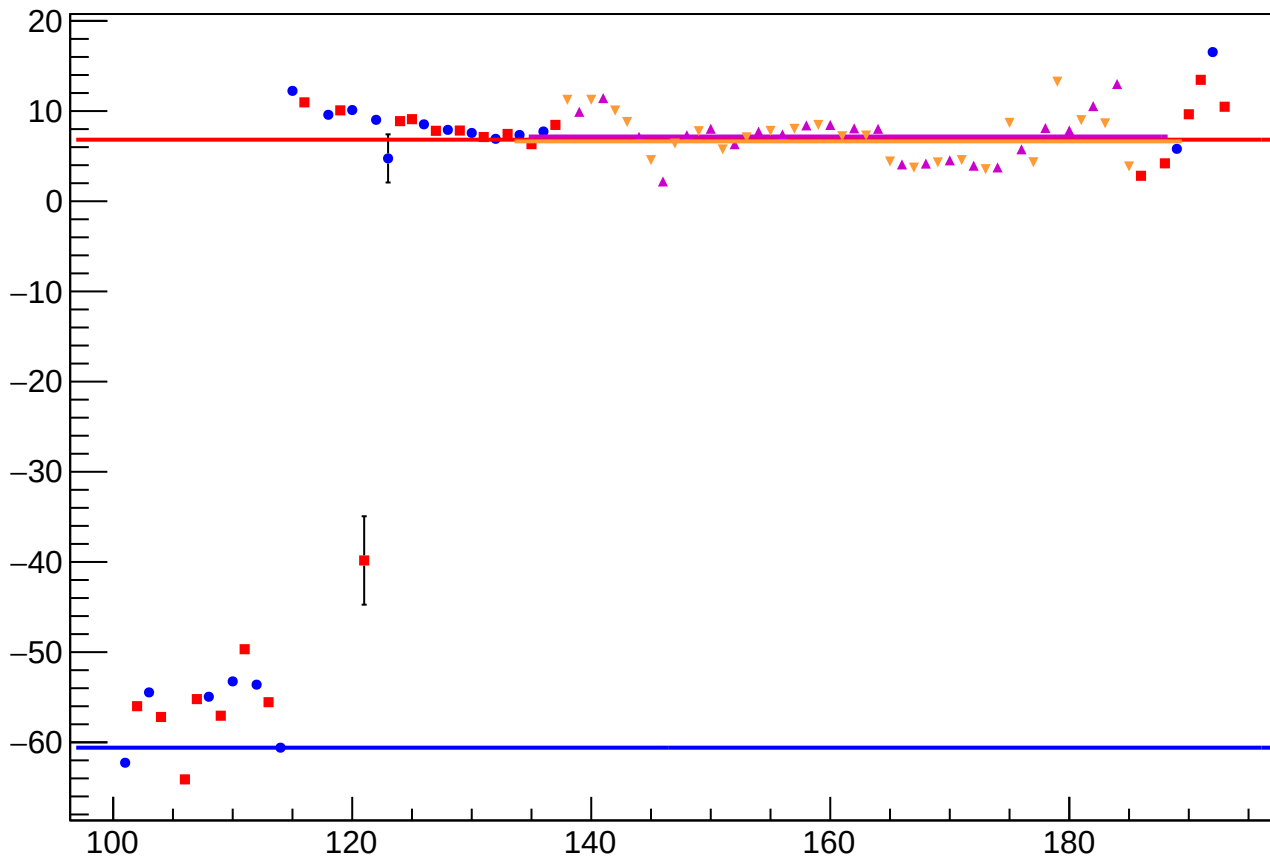
Left In: -50.276 ± 0.001 $\chi^2/\text{NDF}: 190236.3/22$

+ sign -38.539 ± 0.000 $\chi^2/\text{NDF}: 90861124.5/43$

All: -38.539 ± 0.000 $\chi^2/\text{NDF}: 236220042.9/8$

- sign -51.032 ± 0.001 $\chi^2/\text{NDF}: 1462131.6/45$

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26489664.8/18

Left Out: 6.641 ± 0.004 χ^2/NDF : 340462.4/24

Right Out: 6.826 ± 0.011 χ^2/NDF : 1162180.2/22

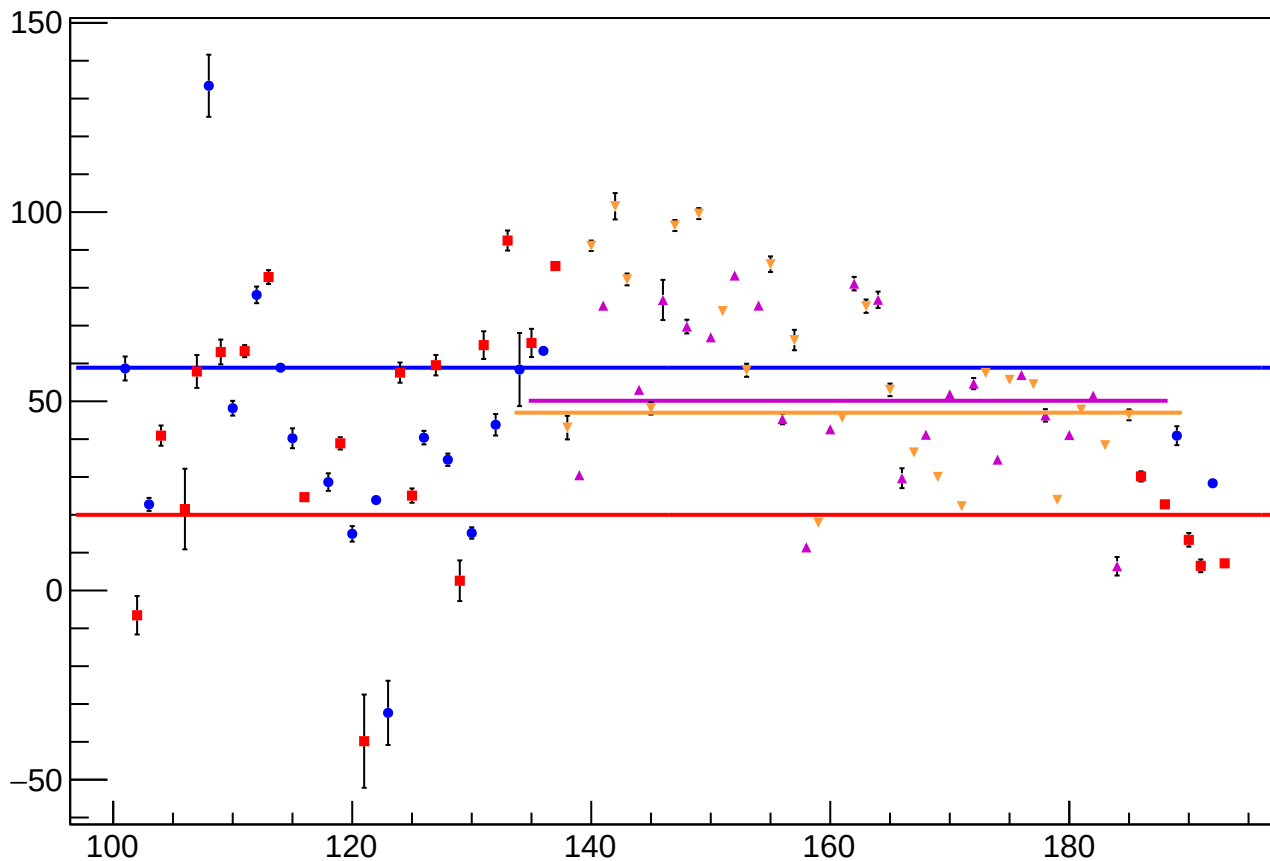
Left In: 7.179 ± 0.003 χ^2/NDF : 214127.6/22

+ sign -60.594 ± 0.000 χ^2/NDF : 360895255.3/43

All: -60.594 ± 0.000 χ^2/NDF : 785080061.7/8

- sign 7.146 ± 0.003 χ^2/NDF : 1377274.9/45

dit_sam2_4aX_slope vs Slug



Right In: 58.880 ± 0.000 χ^2/NDF : 4450.3/18

Left Out: 46.995 ± 0.215 χ^2/NDF : 9203.7/24

Right Out: 19.996 ± 0.187 χ^2/NDF : 10458.2/22

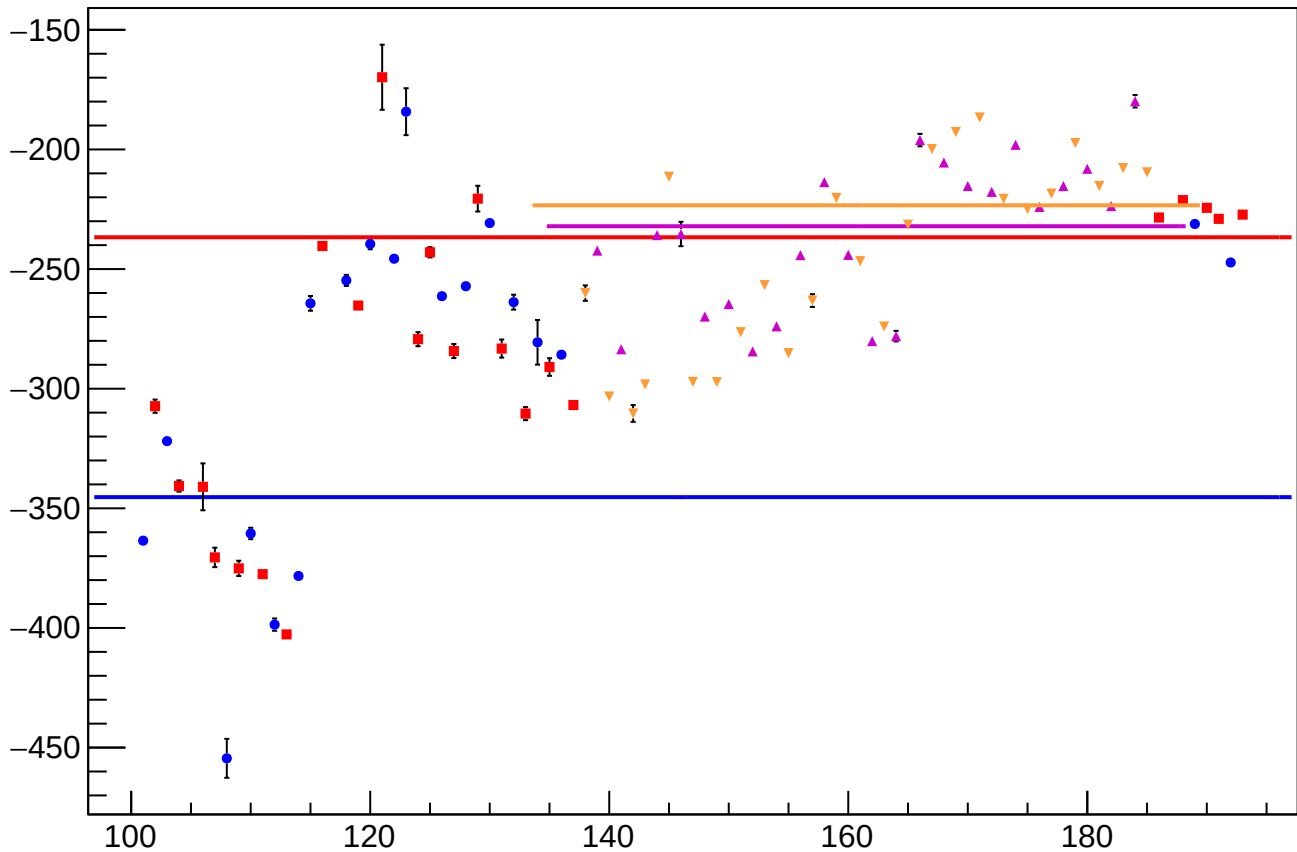
Left In: 50.144 ± 0.212 χ^2/NDF : 6667.7/22

+ sign 58.880 ± 0.000 χ^2/NDF : 16710.6/43

All: 58.880 ± 0.000 χ^2/NDF : 78853.5/89

- sign 33.210 ± 0.140 χ^2/NDF : 28537.7/45

dit_sam2_4eX_slope vs Slug



Right In: -345.327 ± 0.238 χ^2/NDF : 51356.1/18

Left Out: -223.342 ± 0.215 χ^2/NDF : 22293.9/24

Right Out: -236.704 ± 0.169 χ^2/NDF : 28063.5/22

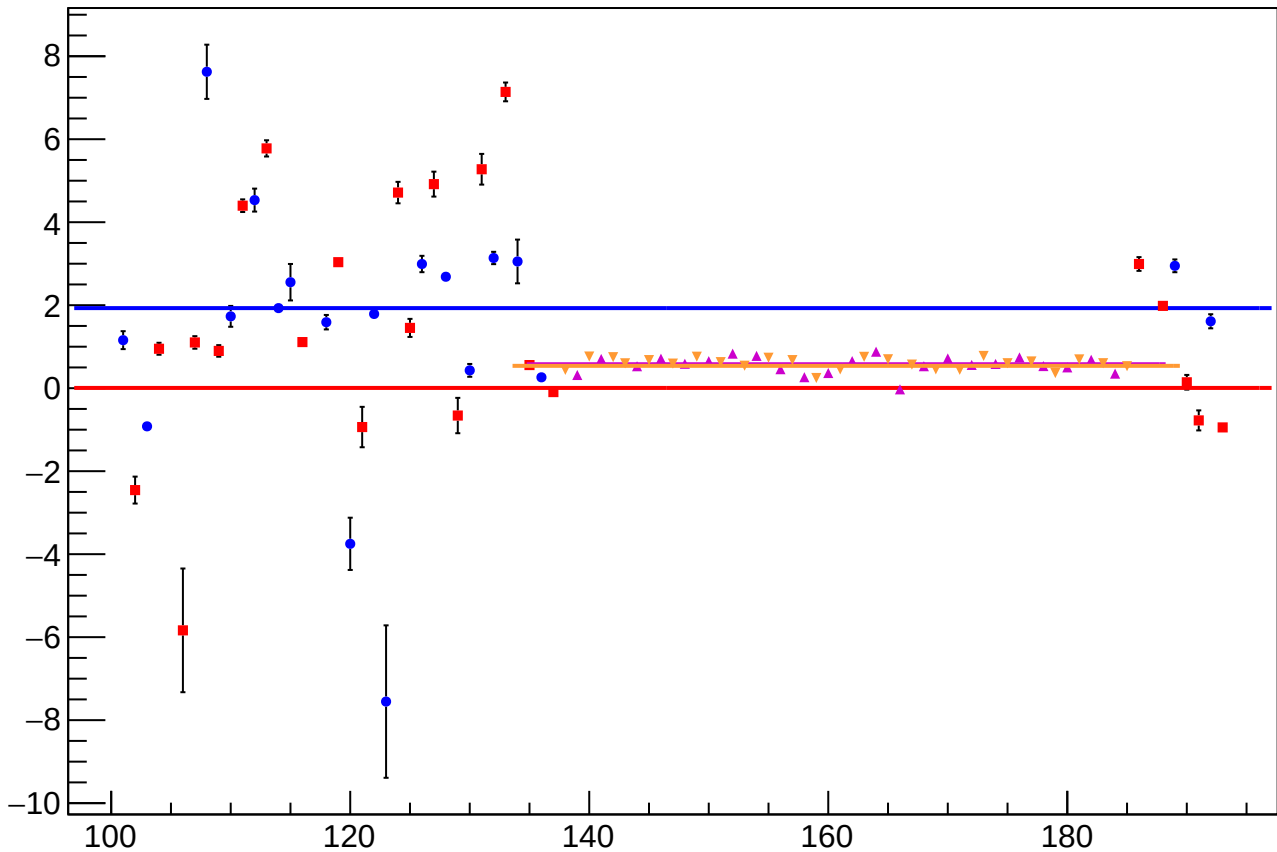
Left In: -232.094 ± 0.217 χ^2/NDF : 17468.1/22

+ sign -278.212 ± 0.160 χ^2/NDF : 217872.2/43

All: -252.747 ± 0.102 χ^2/NDF : 306812.9/89

- sign -234.965 ± 0.134 χ^2/NDF : 45811.7/45

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 60018.0/18

Left Out: 0.539 $\pm$ 0.002 χ^2 /NDF:10792.6/24

Right Out: 0.006 $\pm$ 0.004 χ^2 /NDF: 10579.4/22

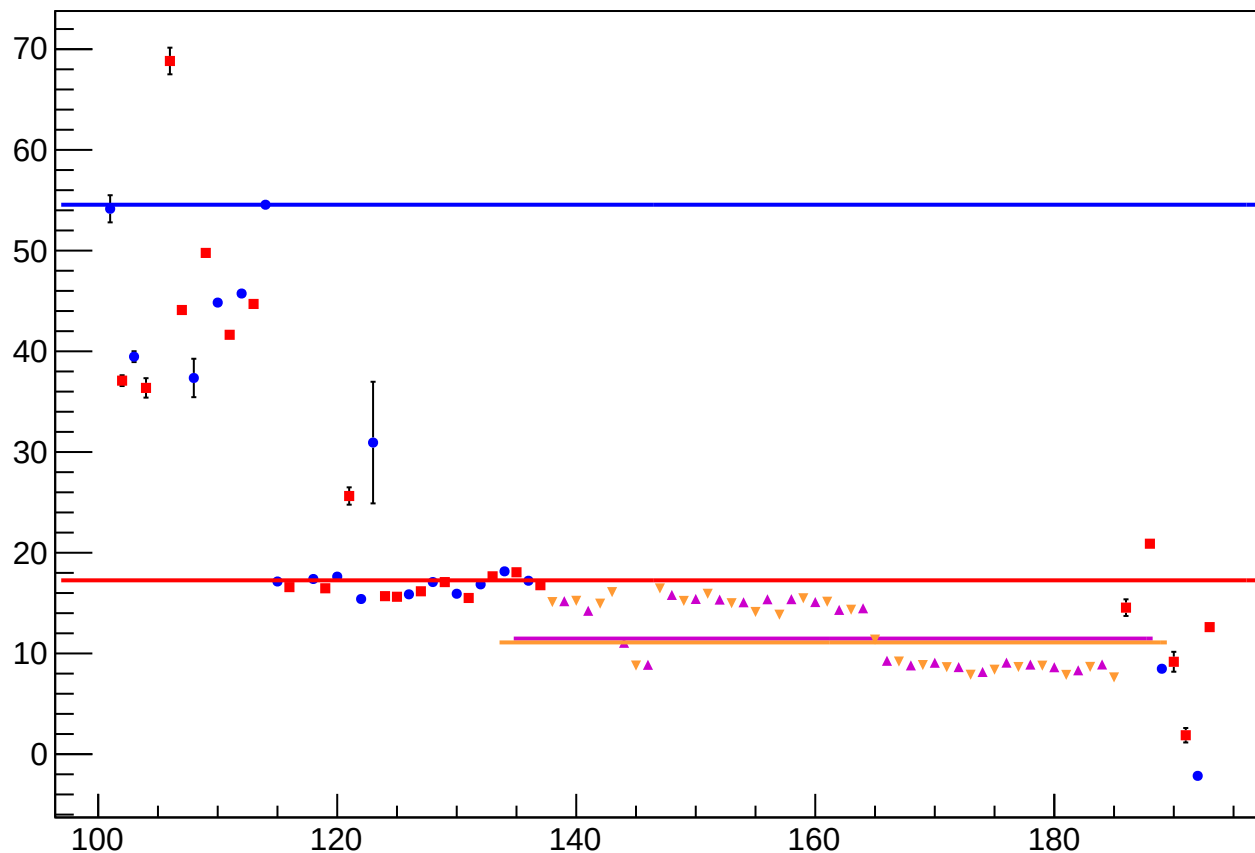
Left In: 0.577 $\pm$ 0.001 χ^2 /NDF:15533.6/22

+ sign 1.930 $\pm$ 0.000 χ^2 /NDF: 762094.5/43

All: 1.930 $\pm$ 0.000 χ^2 /NDF: 1854557.4/89

- sign 0.520 $\pm$ 0.001 χ^2 /NDF: 41723.6/45

dit_sam2_4aY_slope vs Slug



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 9929026.6/18

Left Out: 11.095 $\pm$ 0.005 χ^2 /NDF: 381518.3/24

Right Out: 17.261 $\pm$ 0.018 χ^2 /NDF: 61228.9/22

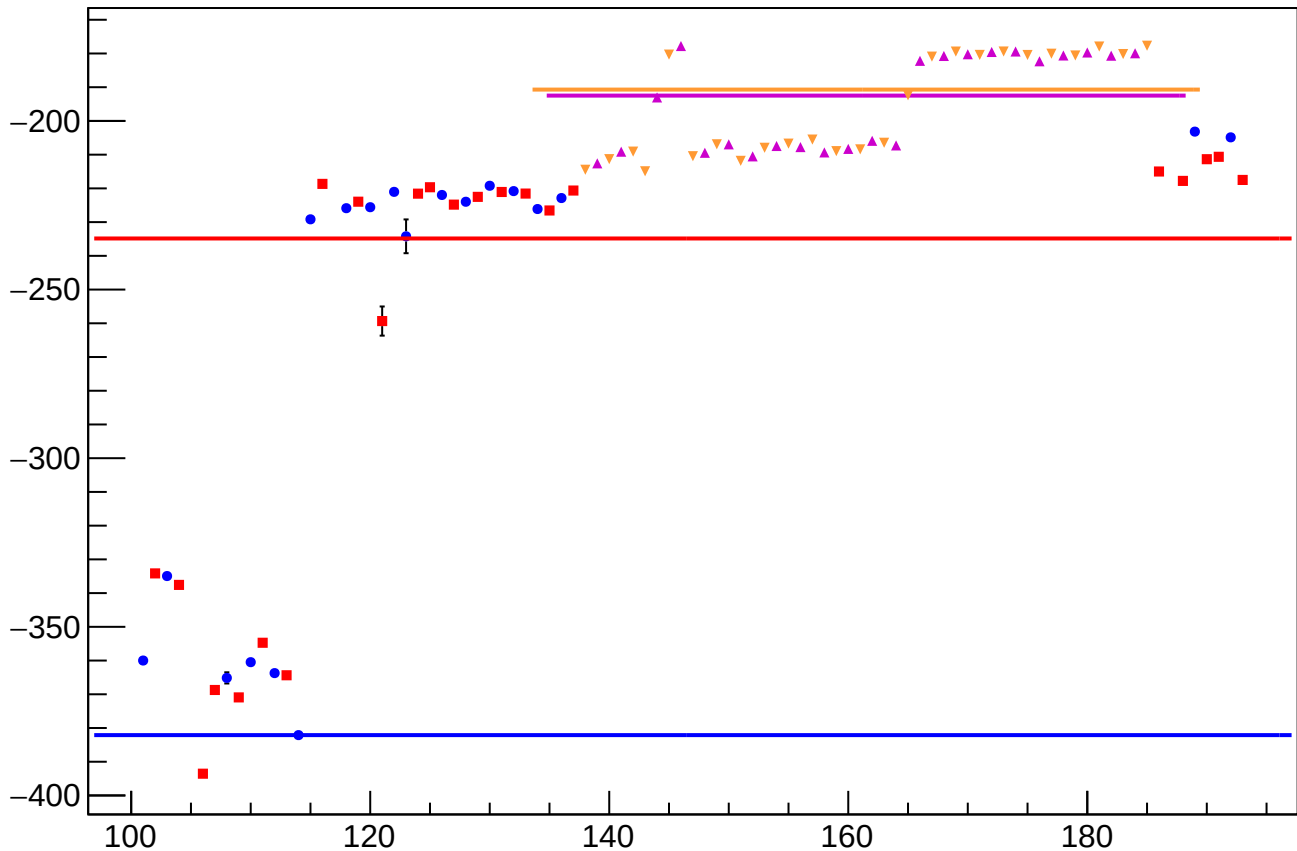
Left In: 11.477 $\pm$ 0.005 χ^2 /NDF: 381285.2/22

+ sign 54.556 $\pm$ 0.000 χ^2 /NDF: 76135825.3/43

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 148710517.0/89

- sign 11.917 $\pm$ 0.005 χ^2 /NDF: 535545.2/45

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 $\chi^2/\text{NDF}: 19117018.9/18$

Left Out: -190.703 ± 0.011 $\chi^2/\text{NDF}: 1602184.8/24$

Right Out: -234.852 ± 0.049 $\chi^2/\text{NDF}: 642223.4/22$

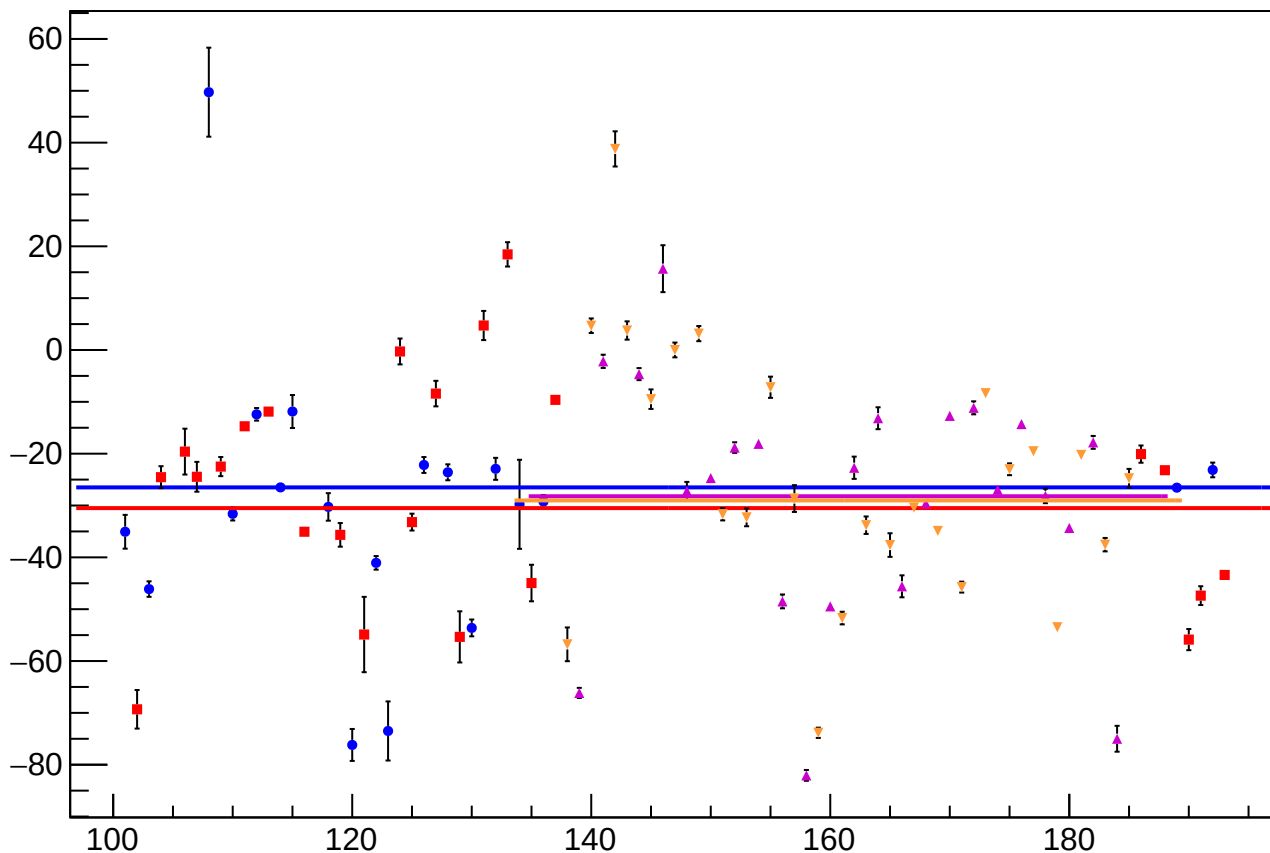
Left In: -192.488 ± 0.011 $\chi^2/\text{NDF}: 1500910.9/22$

+ sign -382.108 ± 0.000 $\chi^2/\text{NDF}: 315055849.2/43$

All: -382.108 ± 0.000 $\chi^2/\text{NDF}: 603310557.9/18$

- sign -194.652 ± 0.011 $\chi^2/\text{NDF}: 2849861.2/45$

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 1186.3/18$

Left Out: -29.022 ± 0.235 $\chi^2/\text{NDF}: 7110.5/24$

Right Out: -30.499 ± 0.194 $\chi^2/\text{NDF}: 4228.3/22$

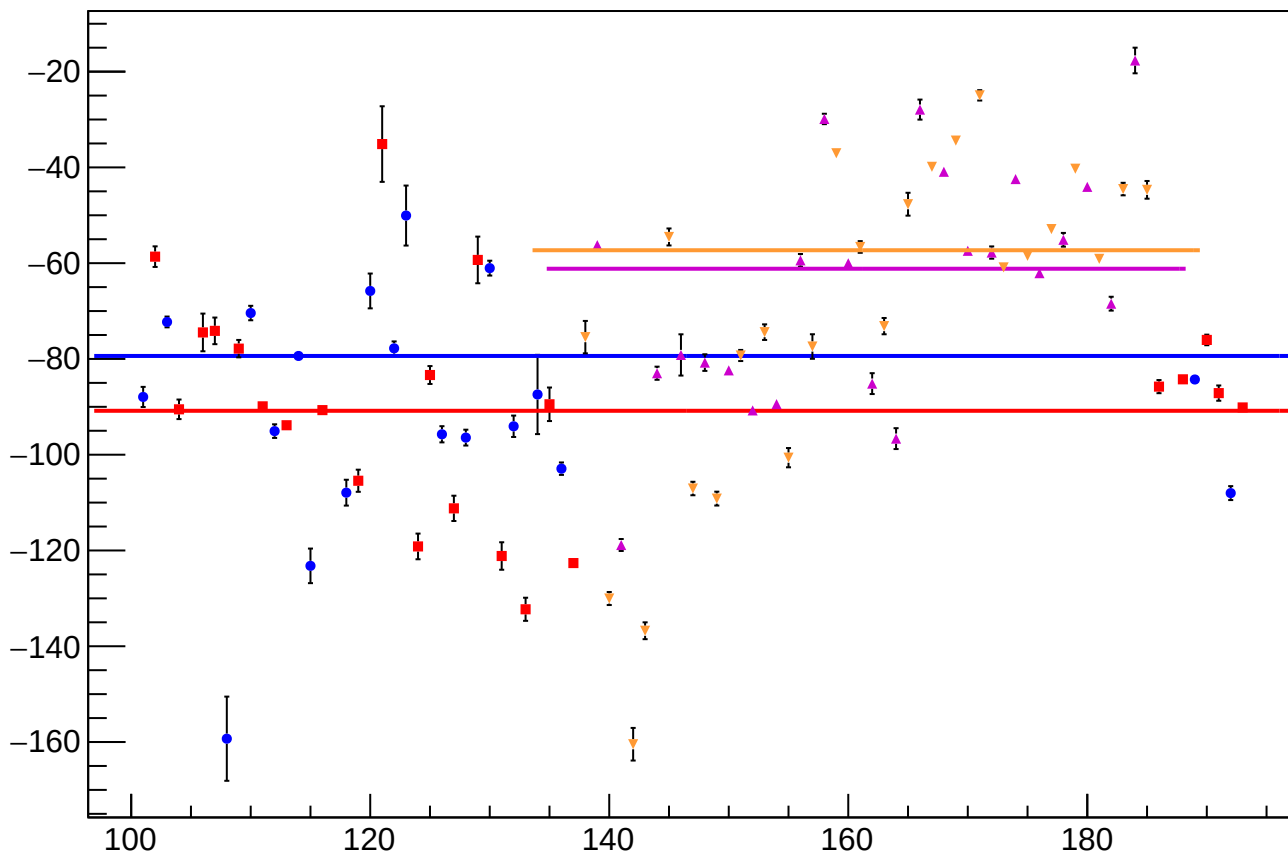
Left In: -28.215 ± 0.215 $\chi^2/\text{NDF}: 7786.5/22$

+ sign -26.504 ± 0.000 $\chi^2/\text{NDF}: 8411.9/43$

All: -26.504 ± 0.000 $\chi^2/\text{NDF}: 20916.3/89$

- sign -29.474 ± 0.144 $\chi^2/\text{NDF}: 12077.3/45$

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1727.7/18$

Left Out: -57.300 ± 0.229 $\chi^2/\text{NDF}: 13067.7/24$

Right Out: -90.828 ± 0.164 $\chi^2/\text{NDF}: 2621.9/22$

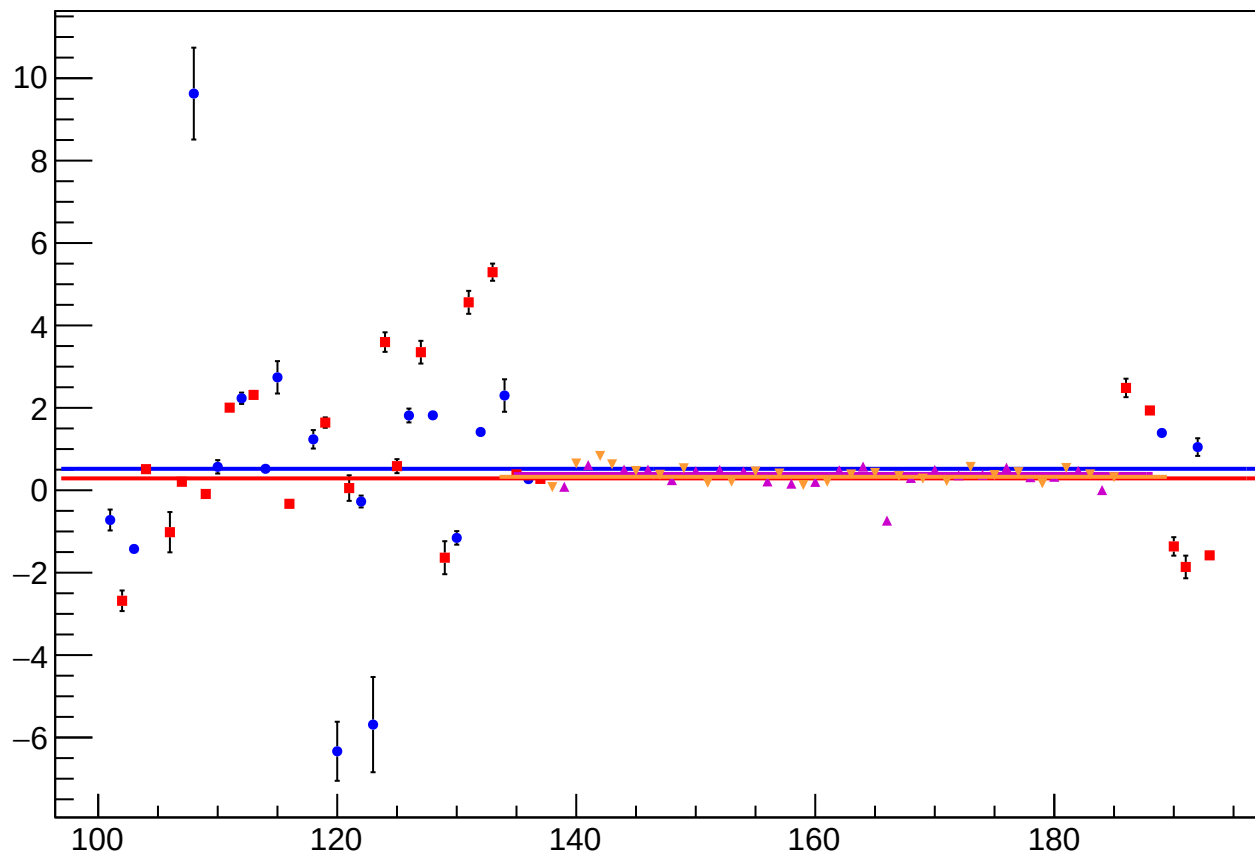
Left In: -61.164 ± 0.218 $\chi^2/\text{NDF}: 8941.7/22$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 24073.0/43$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 47518.7/89$

- sign -80.082 ± 0.131 $\chi^2/\text{NDF}: 23416.6/45$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521 ± 0.000 χ^2/NDF : 3551.8/18

Left Out: 0.326 ± 0.002 χ^2/NDF : 10419.3/24

Right Out: 0.288 ± 0.010 χ^2/NDF : 5616.3/22

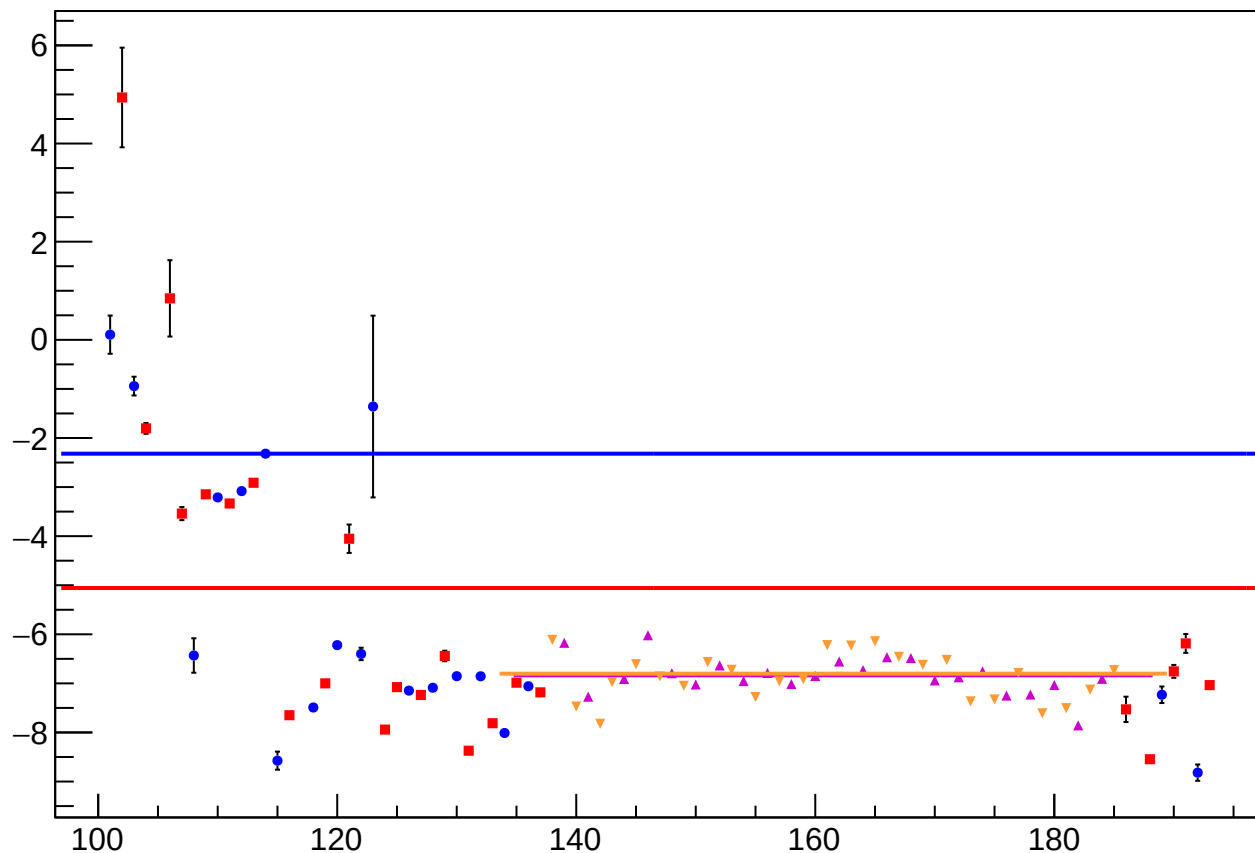
Left In: 0.396 ± 0.001 χ^2/NDF : 11392.0/22

+ sign 0.521 ± 0.000 χ^2/NDF : 28724.3/43

All: 0.521 ± 0.000 χ^2/NDF : 53750.8/89

- sign 0.394 ± 0.001 χ^2/NDF : 17114.0/45

dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 χ^2/NDF : 273154.0/18

Left Out: -6.802 ± 0.002 χ^2/NDF : 14918.8/24

Right Out: -5.057 ± 0.010 χ^2/NDF : 50410.4/22

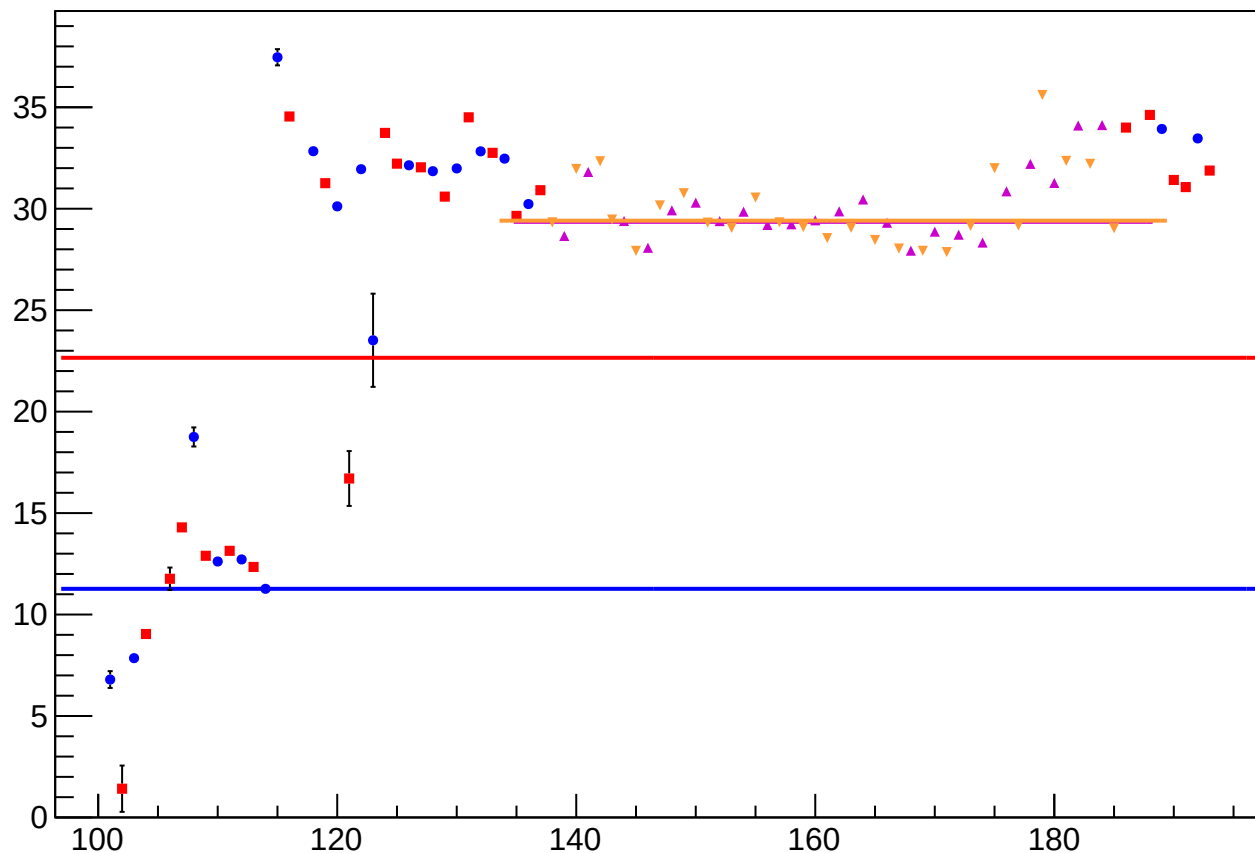
Left In: -6.836 ± 0.002 χ^2/NDF : 9245.1/22

+ sign -2.320 ± 0.000 χ^2/NDF : 3535979.9/43

All: -2.320 ± 0.000 χ^2/NDF : 7184164.8/89

- sign -6.736 ± 0.002 χ^2/NDF : 90145.8/45

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 987334.3/18

Left Out: 29.411 $\pm$ 0.008 χ^2 /NDF: 44374.5/24

Right Out: 22.654 $\pm$ 0.017 χ^2 /NDF: 373496.9/22

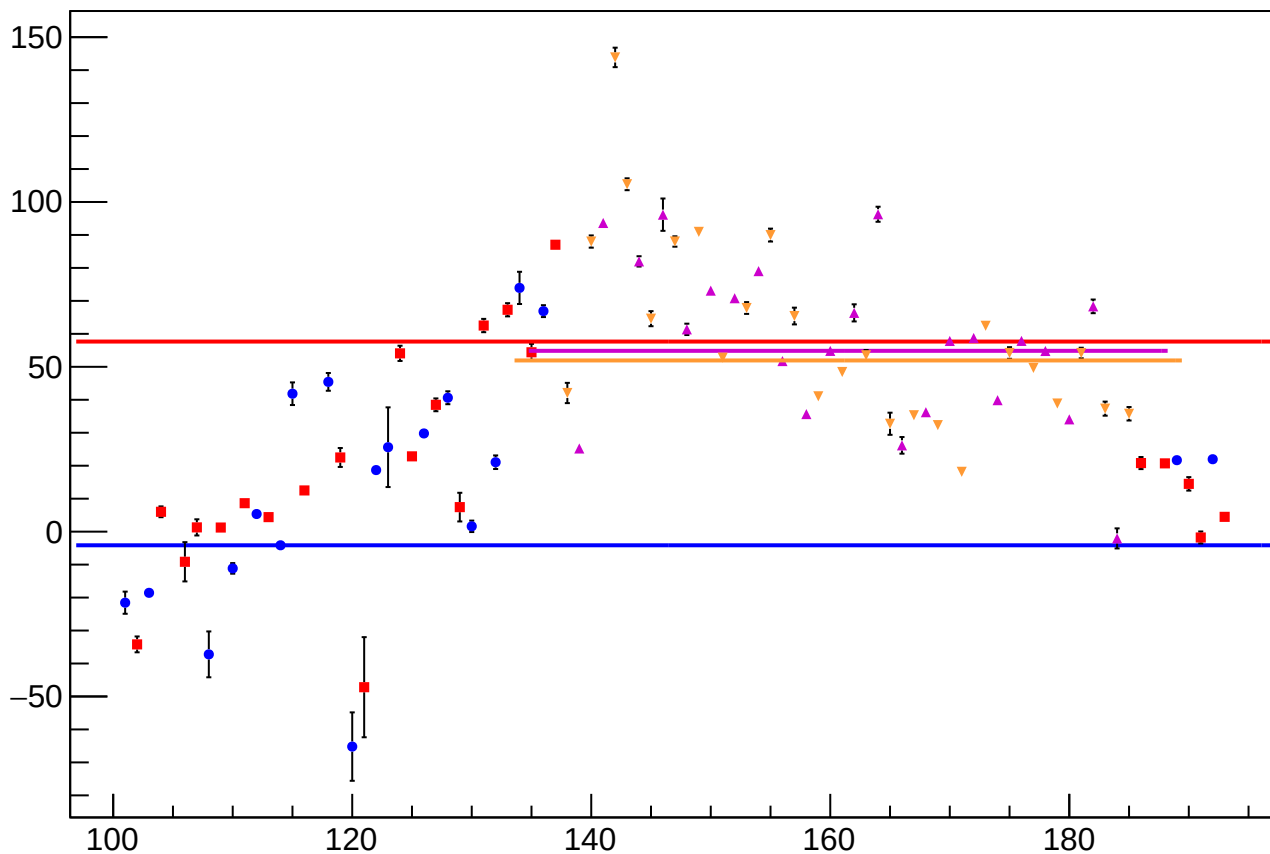
Left In: 29.354 $\pm$ 0.008 χ^2 /NDF: 14741.7/22

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 5946959.3/43

All: 11.268 $\pm$ 0.000 χ^2 /NDF: 12068990.6/89

- sign 28.123 $\pm$ 0.007 χ^2 /NDF: 520954.6/45

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 5376.7/18

Left Out: 51.931 ± 0.276 χ^2/NDF : 6225.4/24

Right Out: 57.662 ± 0.173 χ^2/NDF : 46546.7/22

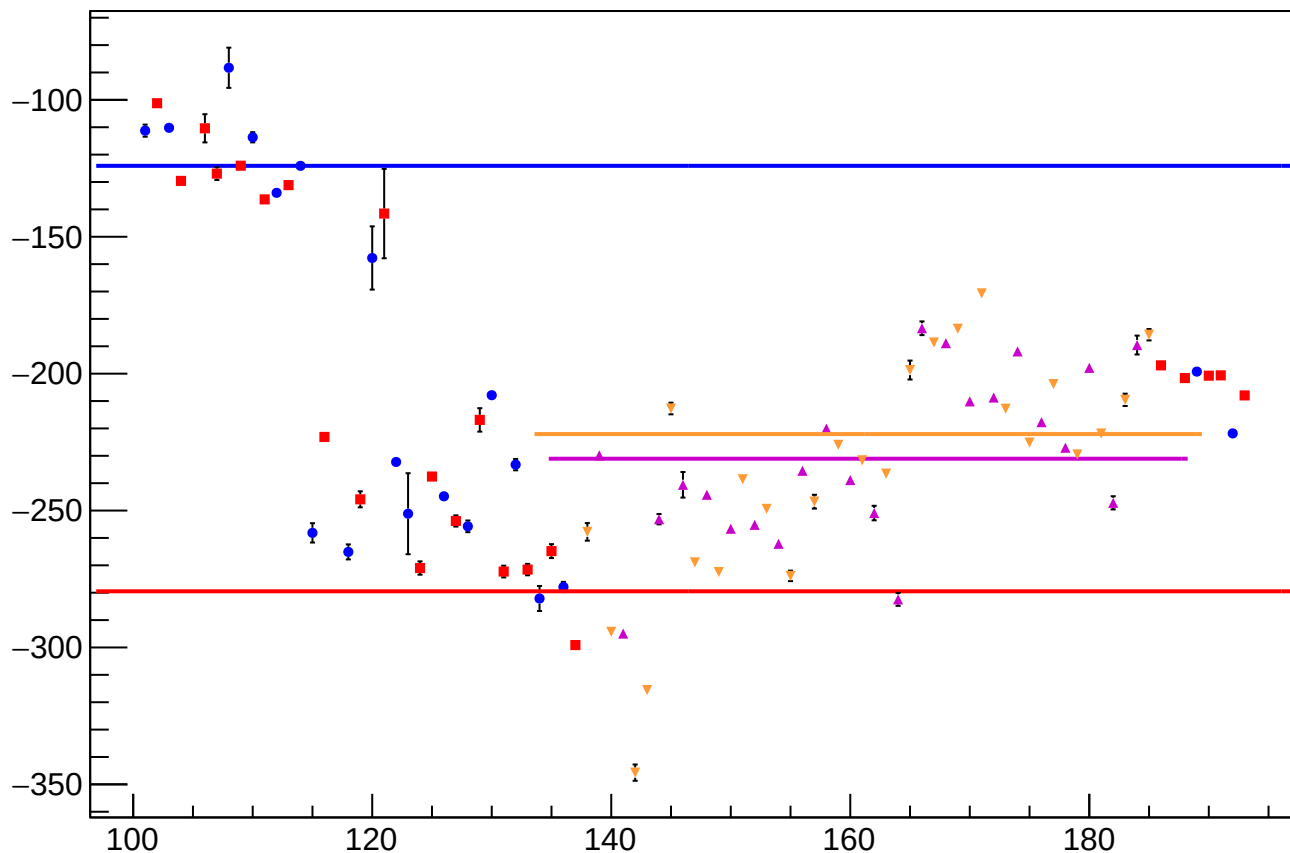
Left In: 54.849 ± 0.247 χ^2/NDF : 6325.8/22

+ sign -4.139 ± 0.000 χ^2/NDF : 53008.2/43

All: -4.139 ± 0.000 χ^2/NDF : 290062.6/89

- sign 56.735 ± 0.142 χ^2/NDF : 52959.3/45

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 χ^2/NDF : 51609.4/18

Left Out: -222.063 ± 0.272 χ^2/NDF : 15812.2/24

Right Out: -279.485 ± 0.112 χ^2/NDF : 163357.8/22

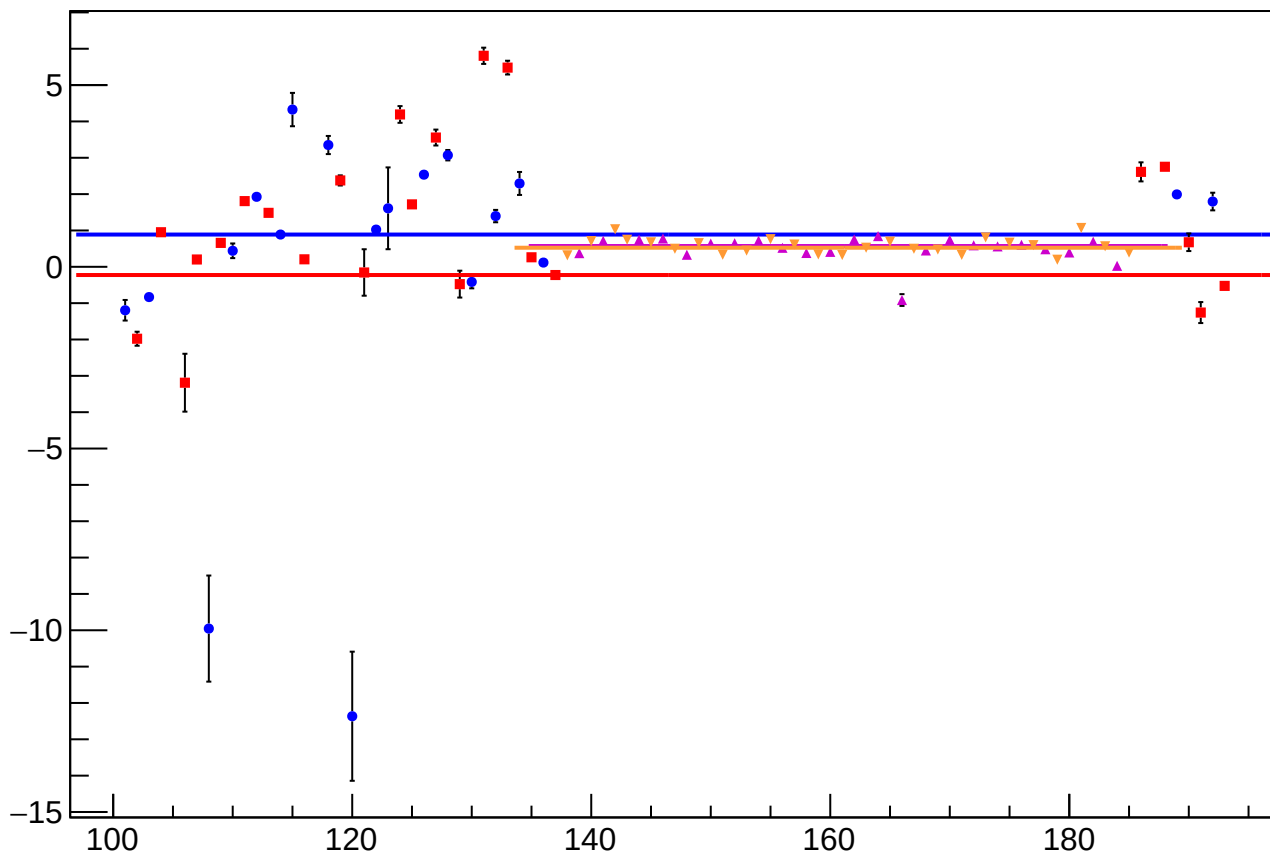
Left In: -231.069 ± 0.249 χ^2/NDF : 12005.6/22

+ sign -124.095 ± 0.000 χ^2/NDF : 196975.9/43

All: -124.095 ± 0.000 χ^2/NDF : 2470172.7/89

- sign -271.325 ± 0.102 χ^2/NDF : 206680.5/45

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8775.4/18

Left Out: 0.525 ± 0.002 χ^2/NDF : 9207.9/24

Right Out: -0.226 ± 0.000 χ^2/NDF : 6112.4/22

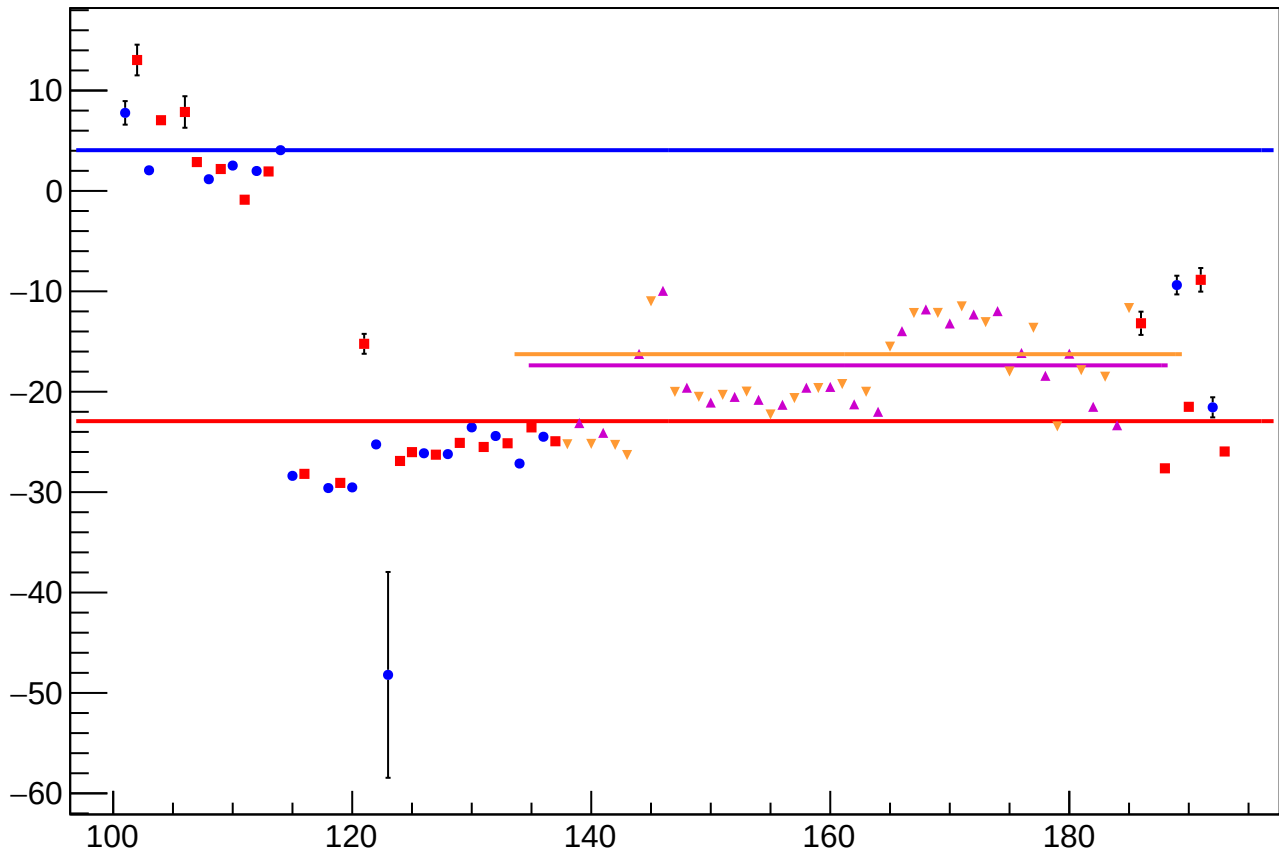
Left In: 0.572 ± 0.002 χ^2/NDF : 5600.2/22

+ sign 0.888 ± 0.000 χ^2/NDF : 50322.6/43

All: 0.888 ± 0.000 χ^2/NDF : 422294326.0/89

- sign -0.225 ± 0.000 χ^2/NDF : 173607.1/45

dit_sam4_4aY_slope vs Slug



Right In: 4.057 $\pm$ 0.000 χ^2 /NDF: 1248749.7/18

Left Out: -16.260 $\pm$ 0.010 χ^2 /NDF:188515.0/24

Right Out: -22.930 $\pm$ 0.026 χ^2 /NDF: 116531.9/22

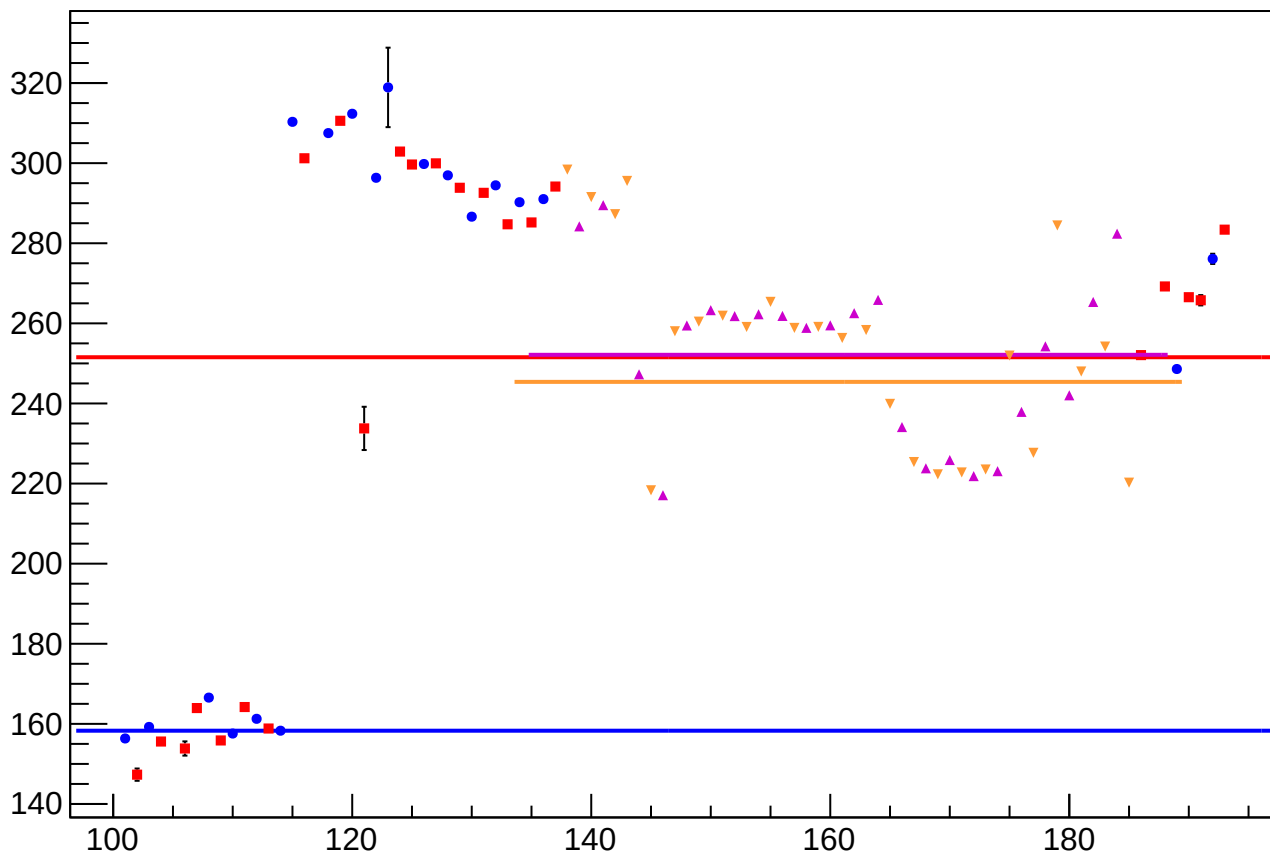
Left In: -17.374 $\pm$ 0.009 χ^2 /NDF:169487.5/22

+ sign 4.057 $\pm$ 0.000 χ^2 /NDF: 5553159.8/43

All: 4.057 $\pm$ 0.000 χ^2 /NDF: 12128061.8/89

- sign -18.003 $\pm$ 0.009 χ^2 /NDF: 325814.8/45

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2436818.1/18

Left Out: 245.391 $\pm$ 0.027 χ^2 /NDF: 723564.6/24

Right Out: 251.541 $\pm$ 0.067 χ^2 /NDF: 932705.3/22

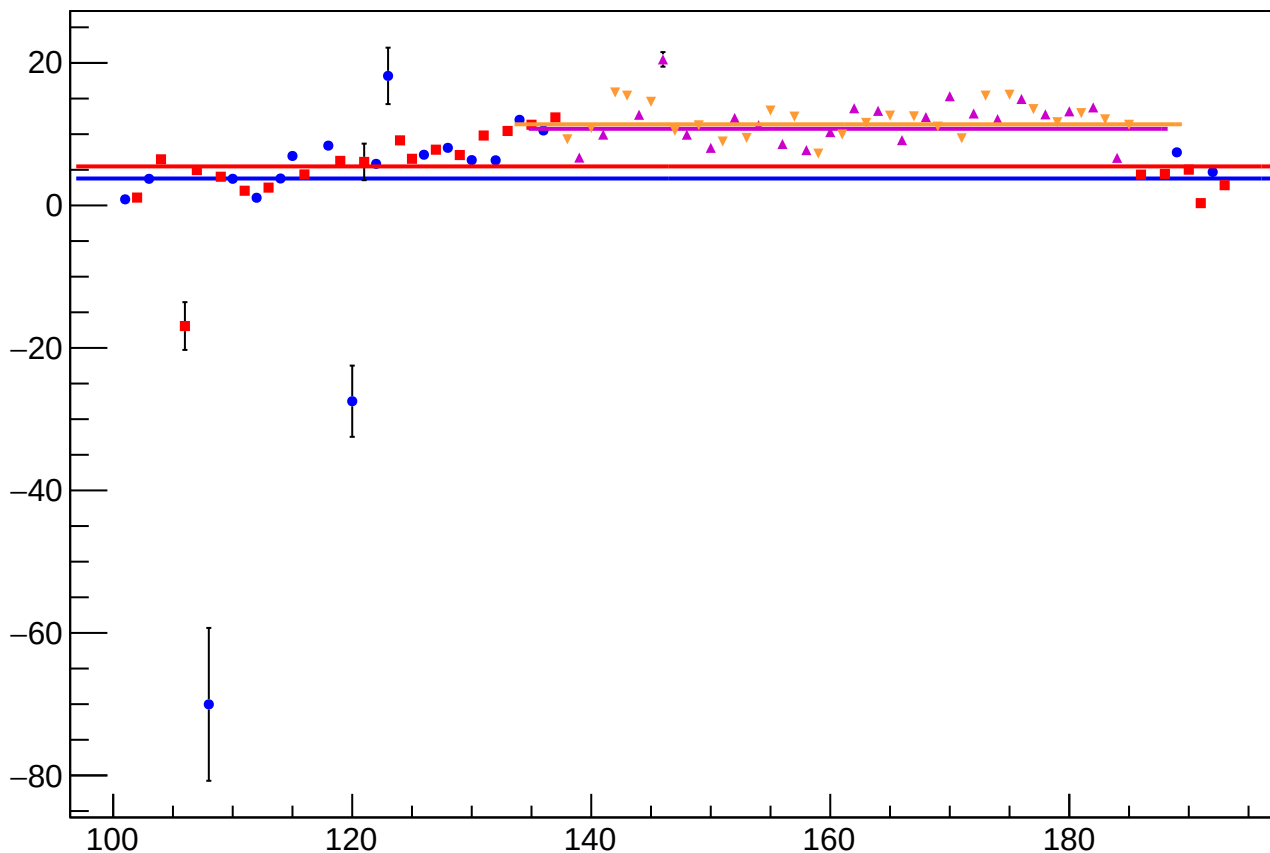
Left In: 252.148 $\pm$ 0.028 χ^2 /NDF: 359416.7/22

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 13290982.8/43

All: 158.293 $\pm$ 0.000 χ^2 /NDF: 27509588.2/89

- sign 252.055 $\pm$ 0.026 χ^2 /NDF: 1292192.4/45

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 7114.4/18

Left Out: 11.389 ± 0.030 χ^2/NDF : 4296.1/24

Right Out: 5.477 ± 0.023 χ^2/NDF : 19497.1/22

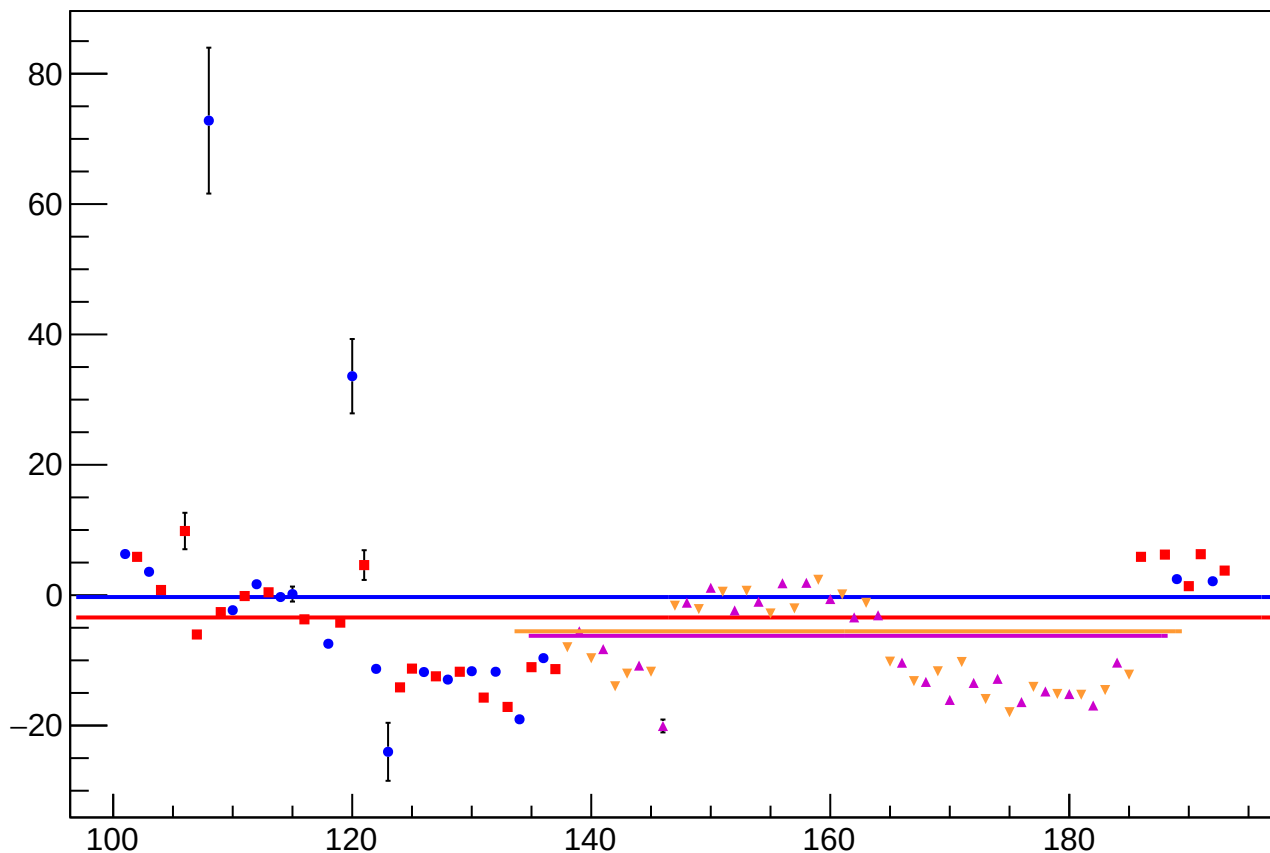
Left In: 10.753 ± 0.028 χ^2/NDF : 9950.6/22

+ sign 3.778 ± 0.000 χ^2/NDF : 75406.6/43

All: 3.778 ± 0.000 χ^2/NDF : 173574.7/89

- sign 7.644 ± 0.018 χ^2/NDF : 50803.3/45

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44560.2/18

Left Out: -5.539 ± 0.030 χ^2/NDF : 43439.8/24

Right Out: -3.420 ± 0.024 χ^2/NDF : 97286.9/22

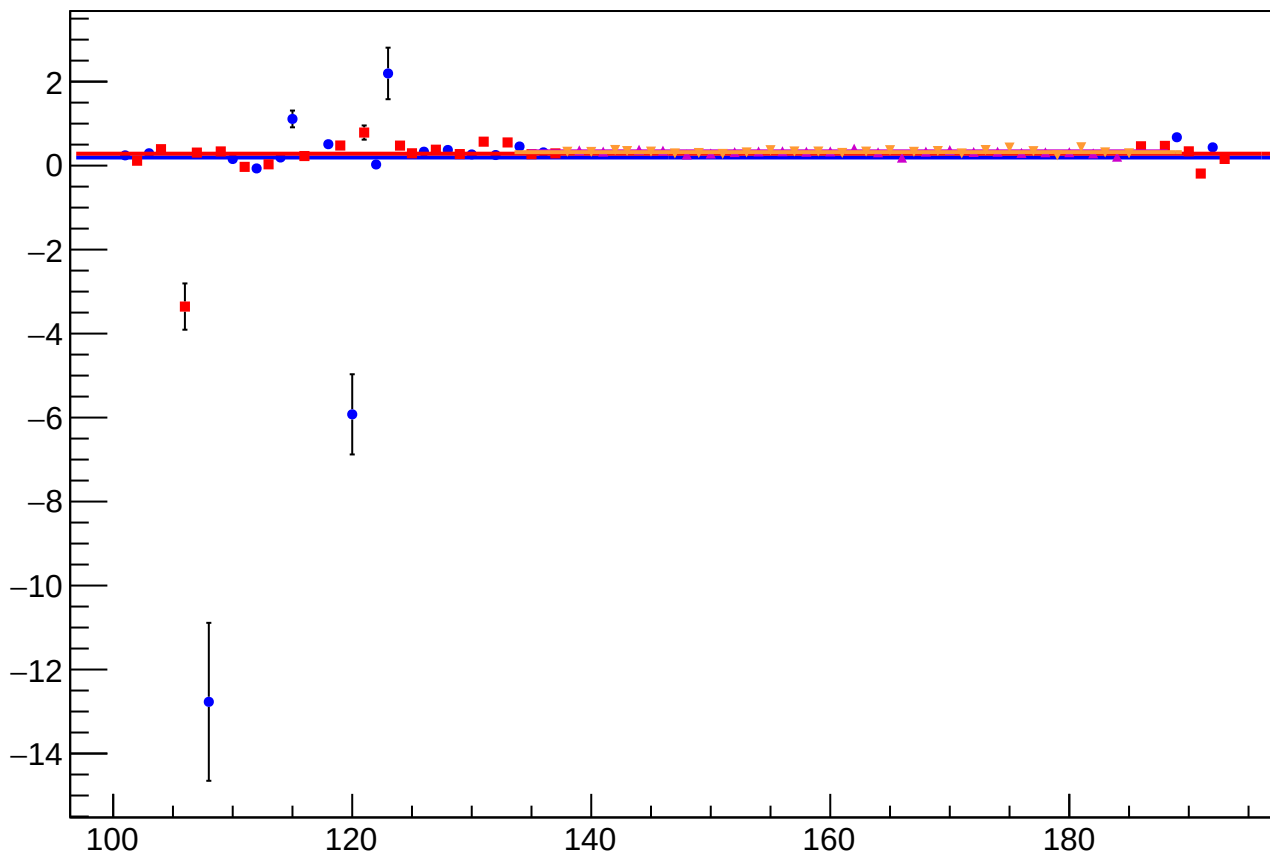
Left In: -6.234 ± 0.028 χ^2/NDF : 57358.9/22

+ sign -0.287 ± 0.000 χ^2/NDF : 118442.5/43

All: -0.287 ± 0.000 χ^2/NDF : 334579.9/89

- sign -4.597 ± 0.018 χ^2/NDF : 160426.6/45

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 ± 0.000 χ^2/NDF : 10598.8/18

Left Out: 0.320 ± 0.001 χ^2/NDF : 3374.4/24

Right Out: 0.284 ± 0.001 χ^2/NDF : 6826.5/22

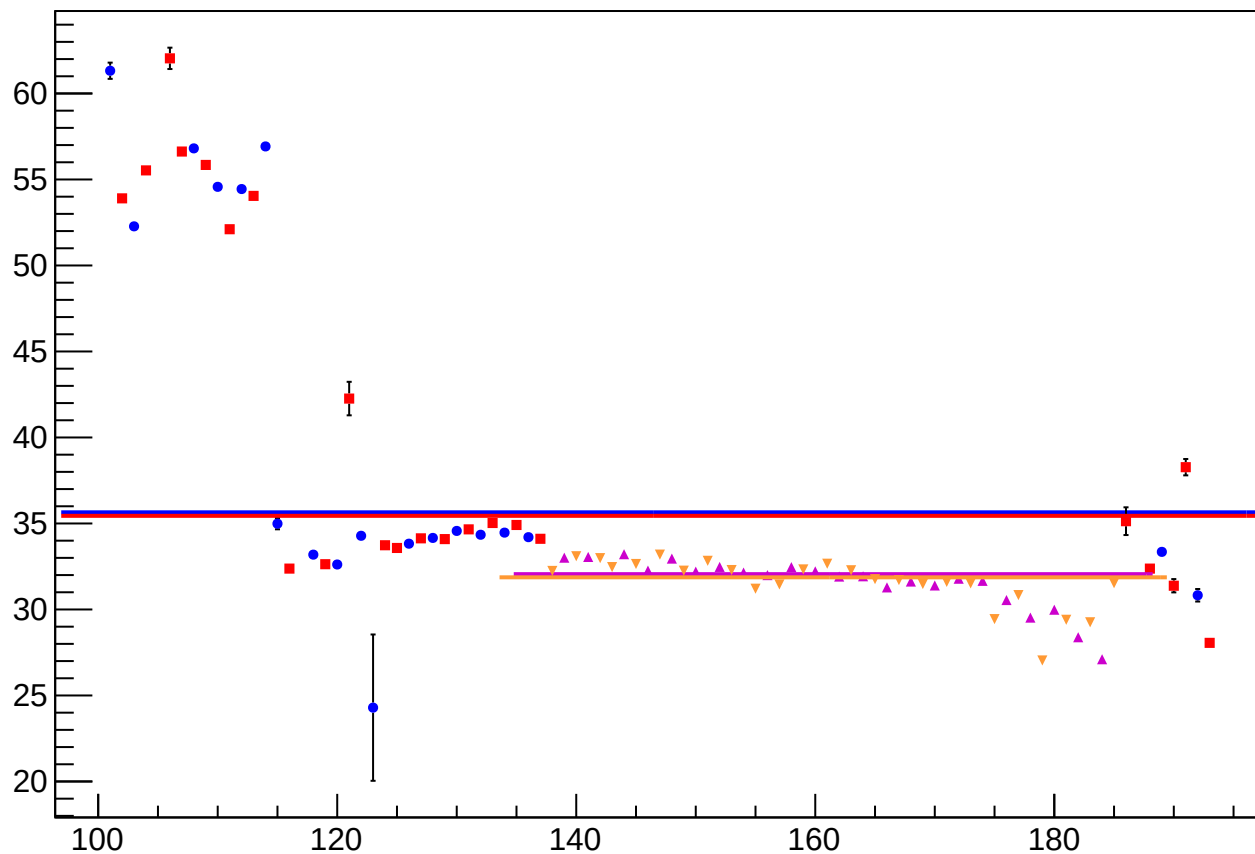
Left In: 0.340 ± 0.001 χ^2/NDF : 4171.9/22

+ sign 0.193 ± 0.000 χ^2/NDF : 77189.9/43

All: 0.193 ± 0.000 χ^2/NDF : 168748.8/89

- sign 0.333 ± 0.000 χ^2/NDF : 12341.2/45

dit_sam5_4aY_slope vs Slug



Right In: 35.648 $\pm$ 0.011 χ^2 /NDF: 219035.7/18

Left Out: 31.869 $\pm$ 0.003 χ^2 /NDF: 61955.3/24

Right Out: 35.444 $\pm$ 0.011 χ^2 /NDF: 267862.0/22

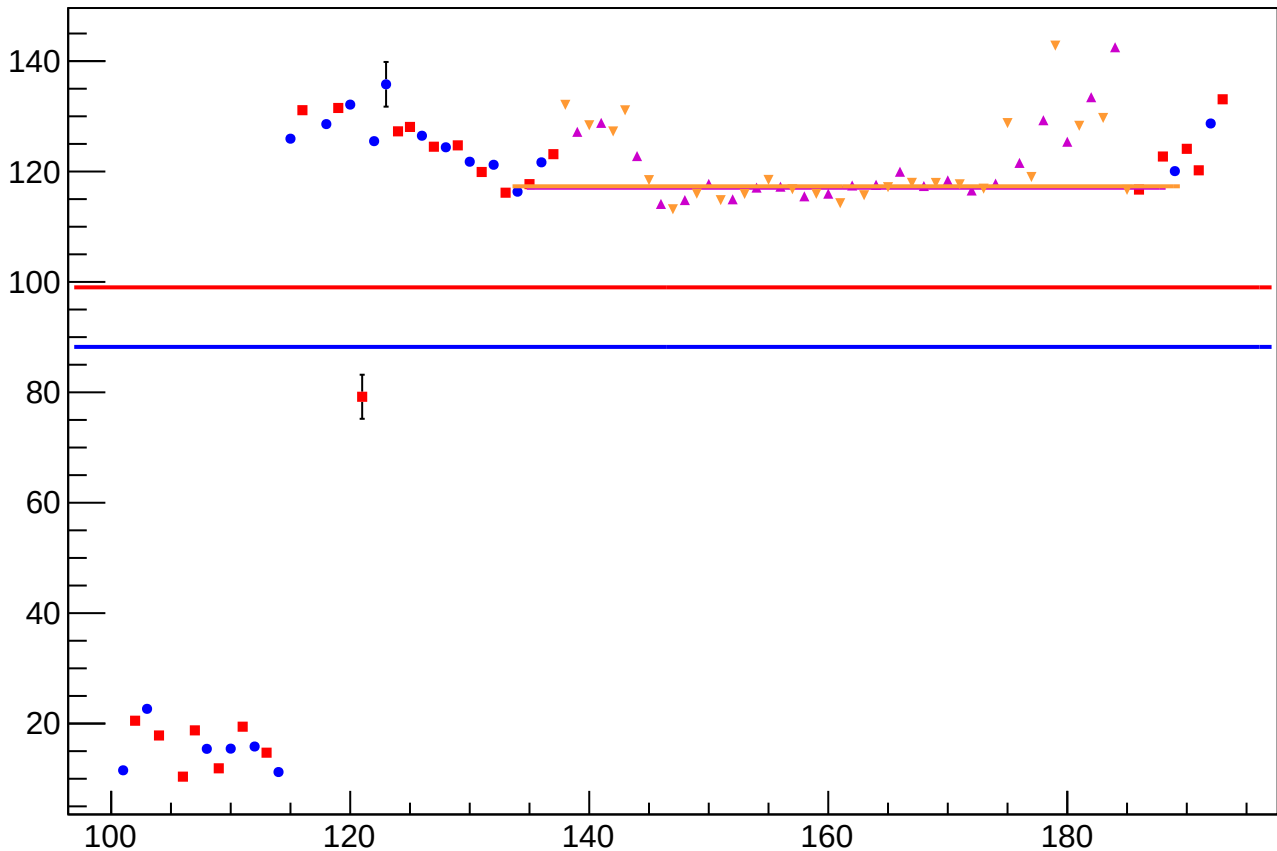
Left In: 32.053 $\pm$ 0.003 χ^2 /NDF: 32470.5/22

+ sign 32.134 $\pm$ 0.003 χ^2 /NDF: 384381.0/43

All: 32.242 $\pm$ 0.002 χ^2 /NDF: 778978.7/89

- sign 32.368 $\pm$ 0.003 χ^2 /NDF: 391813.4/45

dit_sam5_4eY_slope vs Slug



Right In: 88.229 $\pm$ 0.031 χ^2 /NDF: 2467925.5/18

Left Out: 117.323 $\pm$ 0.008 χ^2 /NDF: 172684.3/24

Right Out: 99.017 $\pm$ 0.027 χ^2 /NDF: 3159559.7/22

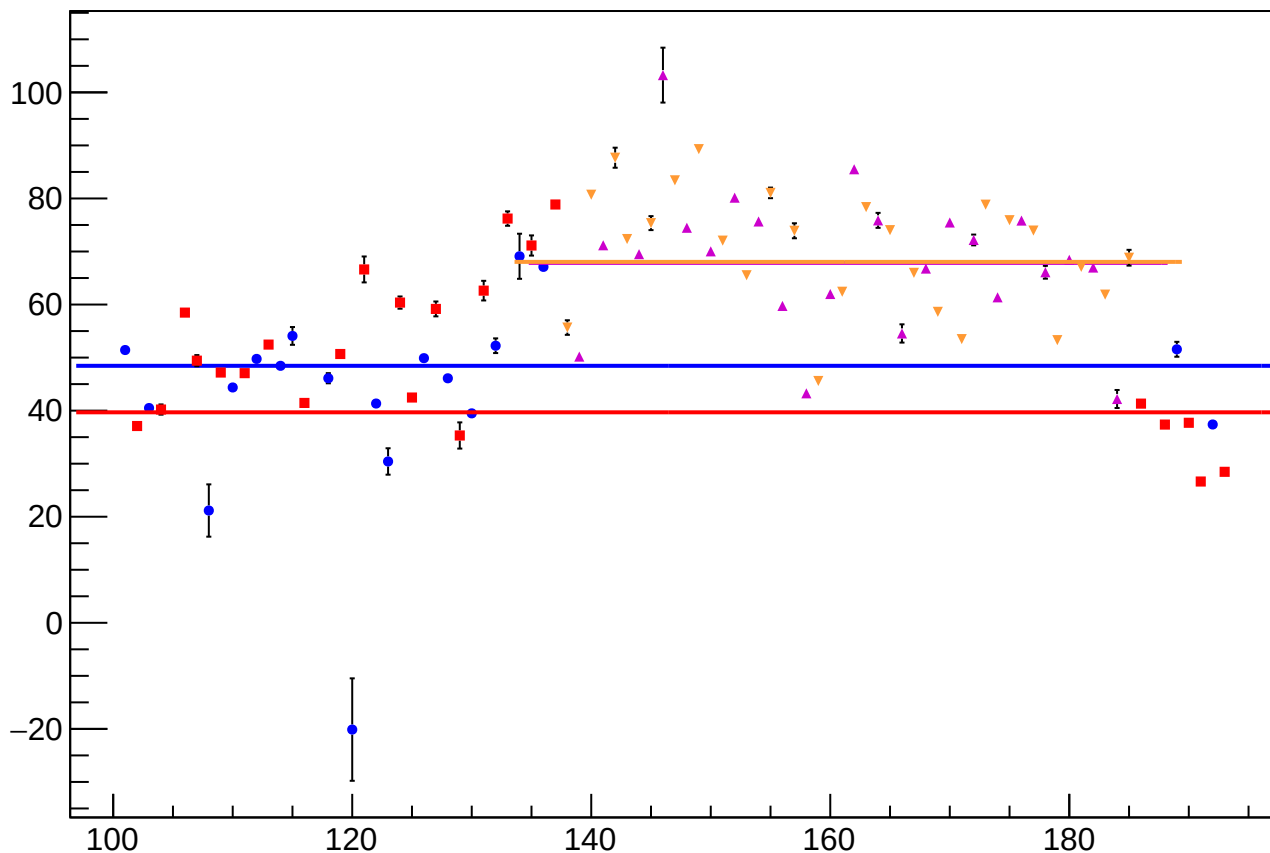
Left In: 117.061 $\pm$ 0.009 χ^2 /NDF: 62905.3/22

+ sign 115.594 $\pm$ 0.008 χ^2 /NDF: 3458268.2/43

All: 115.479 $\pm$ 0.006 χ^2 /NDF: 7081346.2/89

- sign 115.340 $\pm$ 0.008 χ^2 /NDF: 3622573.9/45

dit_sam6_4aX_slope vs Slug



Right In: 48.450 ± 0.000 χ^2/NDF : 3087.7/18

Left Out: 68.044 ± 0.132 χ^2/NDF : 6670.6/24

Right Out: 39.683 ± 0.101 χ^2/NDF : 12650.9/22

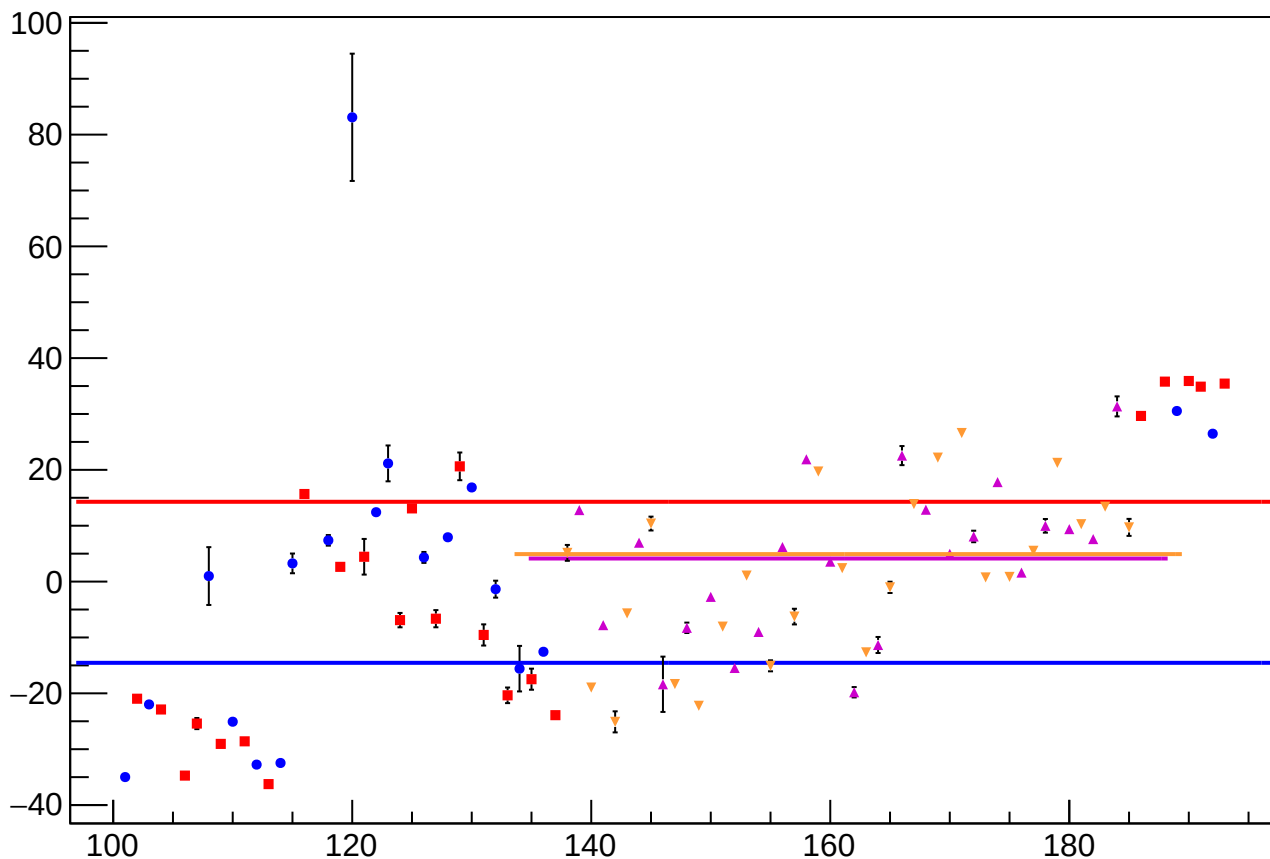
Left In: 67.852 ± 0.126 χ^2/NDF : 5519.9/22

+ sign 48.450 ± 0.000 χ^2/NDF : 31709.6/43

All: 48.450 ± 0.000 χ^2/NDF : 81290.2/89

- sign 50.725 ± 0.079 χ^2/NDF : 48743.5/45

dit_sam6_4eX_slope vs Slug



Right In: -14.539 ± 0.142 χ^2/NDF : 20859.7/18

Left Out: 4.920 ± 0.132 χ^2/NDF : 10378.5/24

Right Out: 14.283 ± 0.090 χ^2/NDF : 90186.0/22

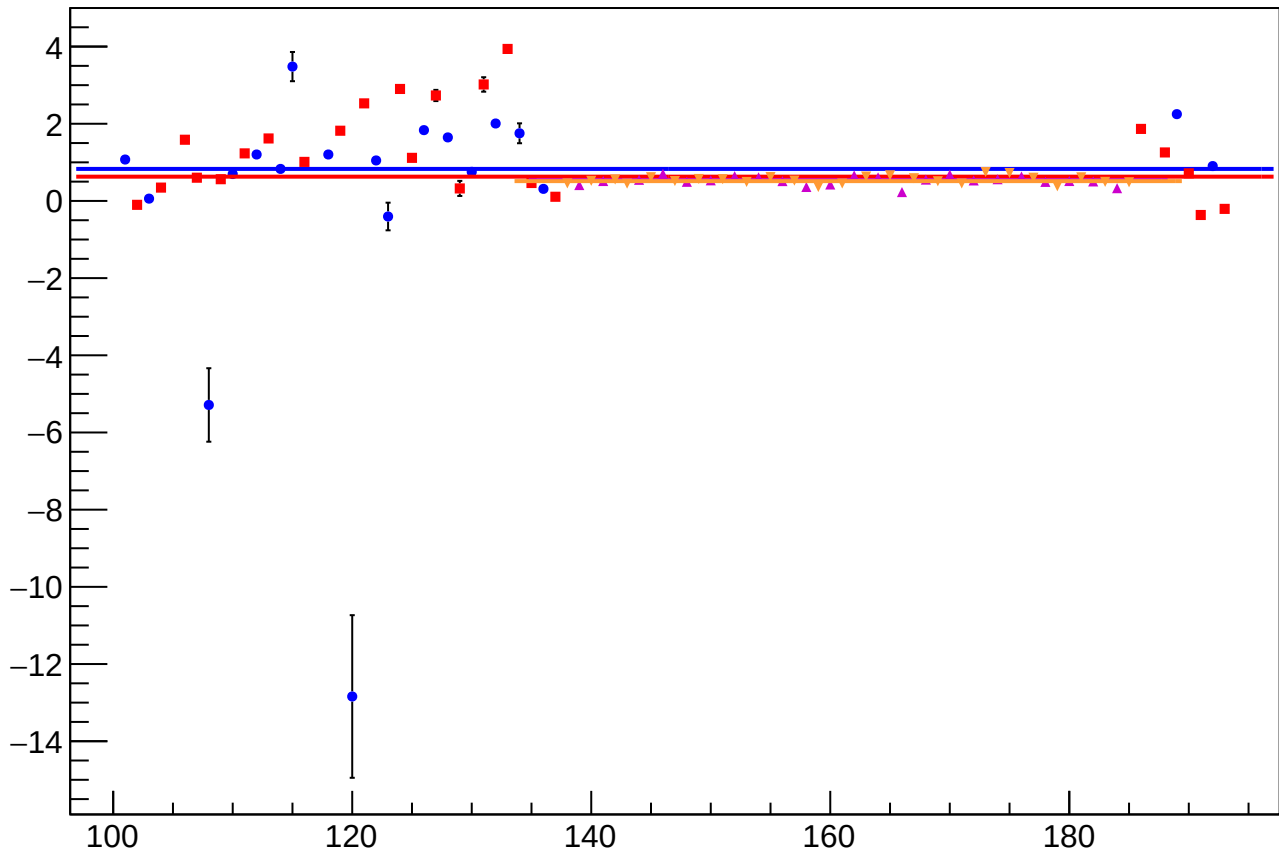
Left In: 4.129 ± 0.127 χ^2/NDF : 6161.4/22

+ sign -4.147 ± 0.097 χ^2/NDF : 41332.5/43

All: 5.362 ± 0.059 χ^2/NDF : 157233.1/89

- sign 10.873 ± 0.074 χ^2/NDF : 100599.3/45

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 15203.0/18

Left Out: 0.513 ± 0.001 χ^2/NDF : 15206.1/24

Right Out: 0.629 ± 0.006 χ^2/NDF : 8885.3/22

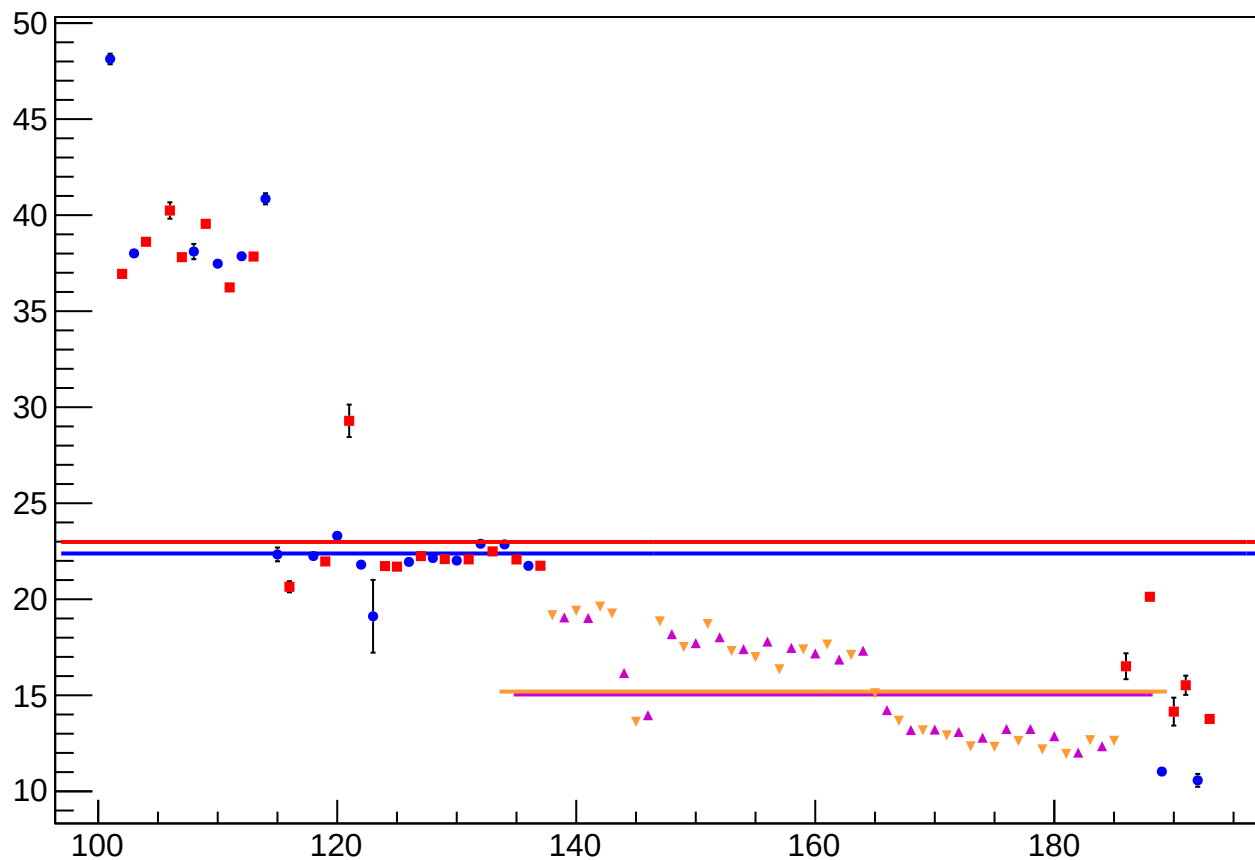
Left In: 0.536 ± 0.001 χ^2/NDF : 11764.8/22

+ sign 0.830 ± 0.000 χ^2/NDF : 138614.9/43

All: 0.830 ± 0.000 χ^2/NDF : 275654.7/89

- sign 0.538 ± 0.001 χ^2/NDF : 20889.9/45

dit_sam6_4aY_slope vs Slug



Right In: 22.383 ± 0.009 $\chi^2/\text{NDF}: 126757.5/18$

Left Out: 15.194 ± 0.004 $\chi^2/\text{NDF}: 417095.1/24$

Right Out: 22.984 ± 0.009 $\chi^2/\text{NDF}: 165335.3/22$

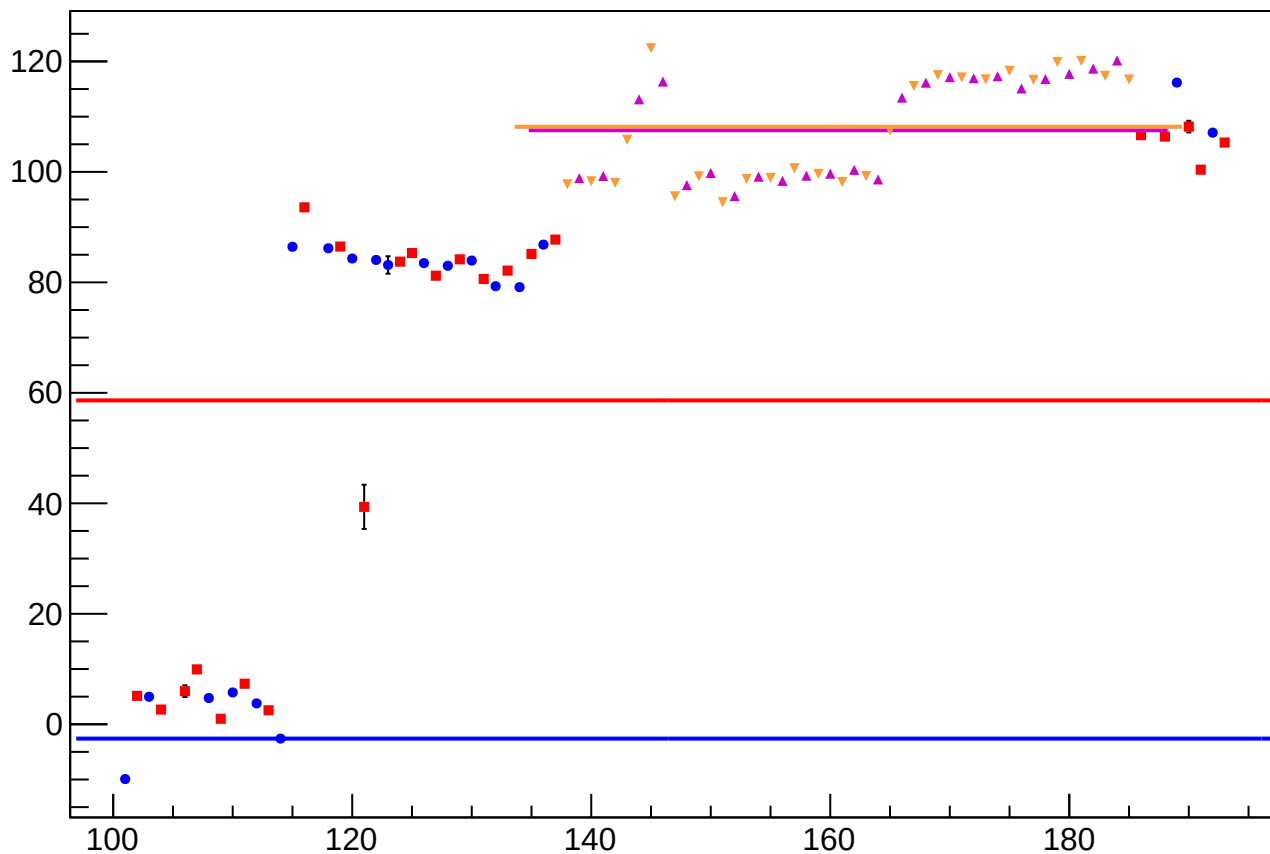
Left In: 15.044 ± 0.005 $\chi^2/\text{NDF}: 285851.6/22$

+ sign 16.457 ± 0.004 $\chi^2/\text{NDF}: 1042279.2/43$

All: 16.567 ± 0.003 $\chi^2/\text{NDF}: 2107891.4/89$

- sign 16.691 ± 0.004 $\chi^2/\text{NDF}: 1063898.5/45$

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 7868227.6/18

Left Out: 108.162+/-0.009 χ^2/NDF :1076822.4/24

Right Out: 58.633+/-0.032 χ^2/NDF : 1521888.9/22

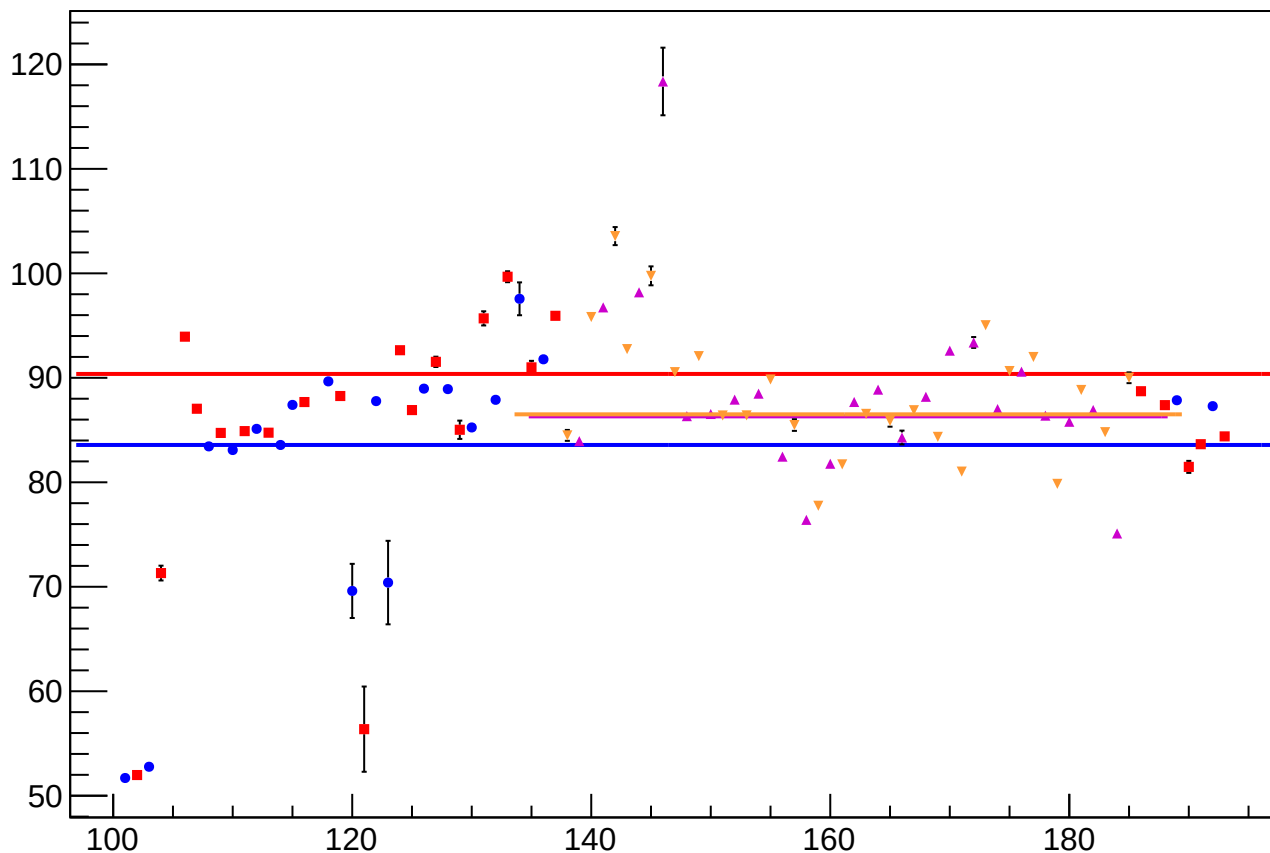
Left In: 107.543+/-0.009 χ^2/NDF :988940.0/22

+ sign -2.596+/-0.000 χ^2/NDF : 150656209.9/43

All: -2.596+/-0.000 χ^2/NDF : 296461029.2/89

- sign 103.653+/-0.009 χ^2/NDF : 4699818.0/45

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2 /NDF: 50046.2/18

Left Out: 86.505+/-0.060 χ^2 /NDF:8553.0/24

Right Out: 90.371+/-0.022 χ^2 /NDF: 73222.3/22

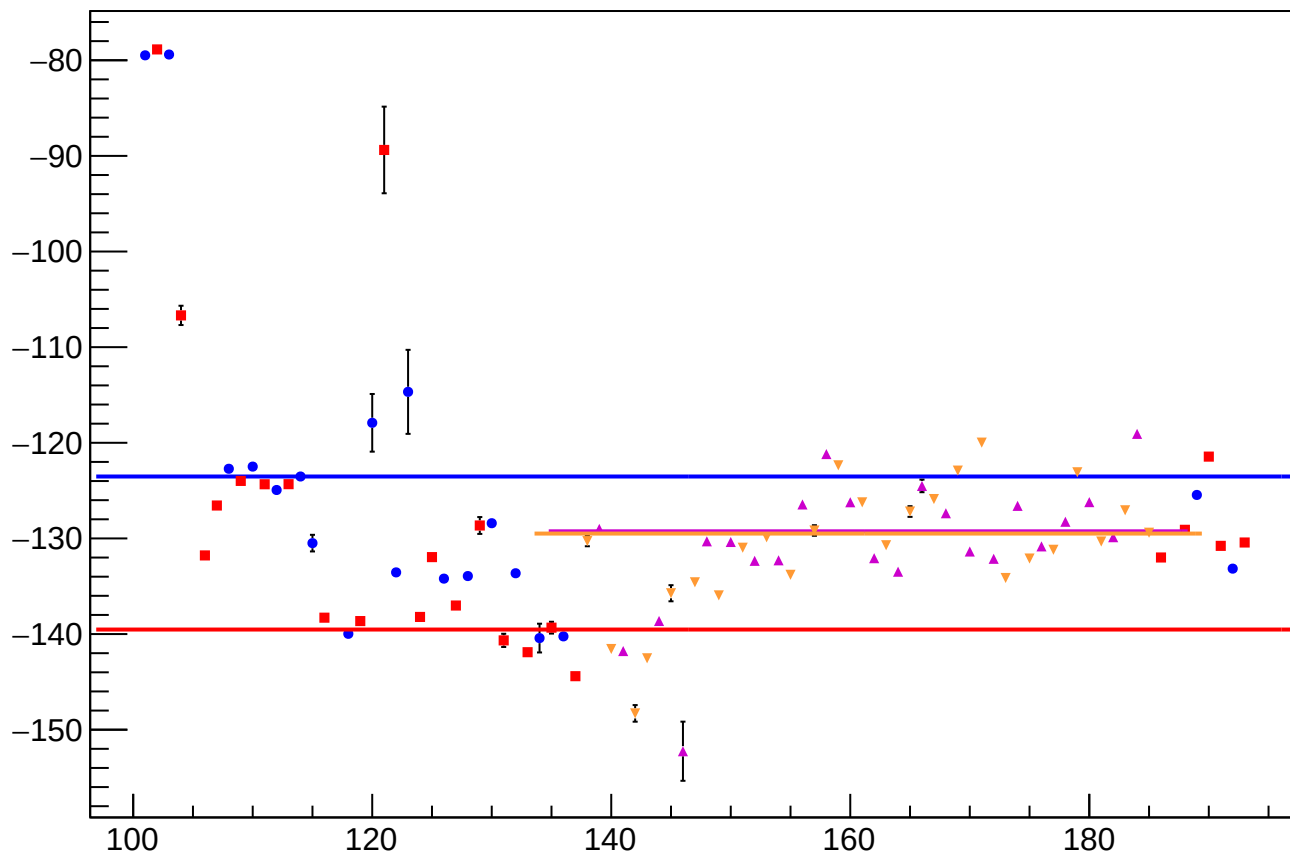
Left In: 86.310+/-0.051 χ^2 /NDF:8666.5/22

+ sign 83.573+/-0.000 χ^2 /NDF: 60993.4/43

All: 83.573+/-0.000 χ^2 /NDF: 243220.5/89

- sign 89.754+/-0.020 χ^2 /NDF: 87176.9/45

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF : 162821.1/18

Left Out: -129.492+/-0.059 χ^2/NDF : 10775.3/24

Right Out: -139.527+/-0.017 χ^2/NDF : 274816.3/22

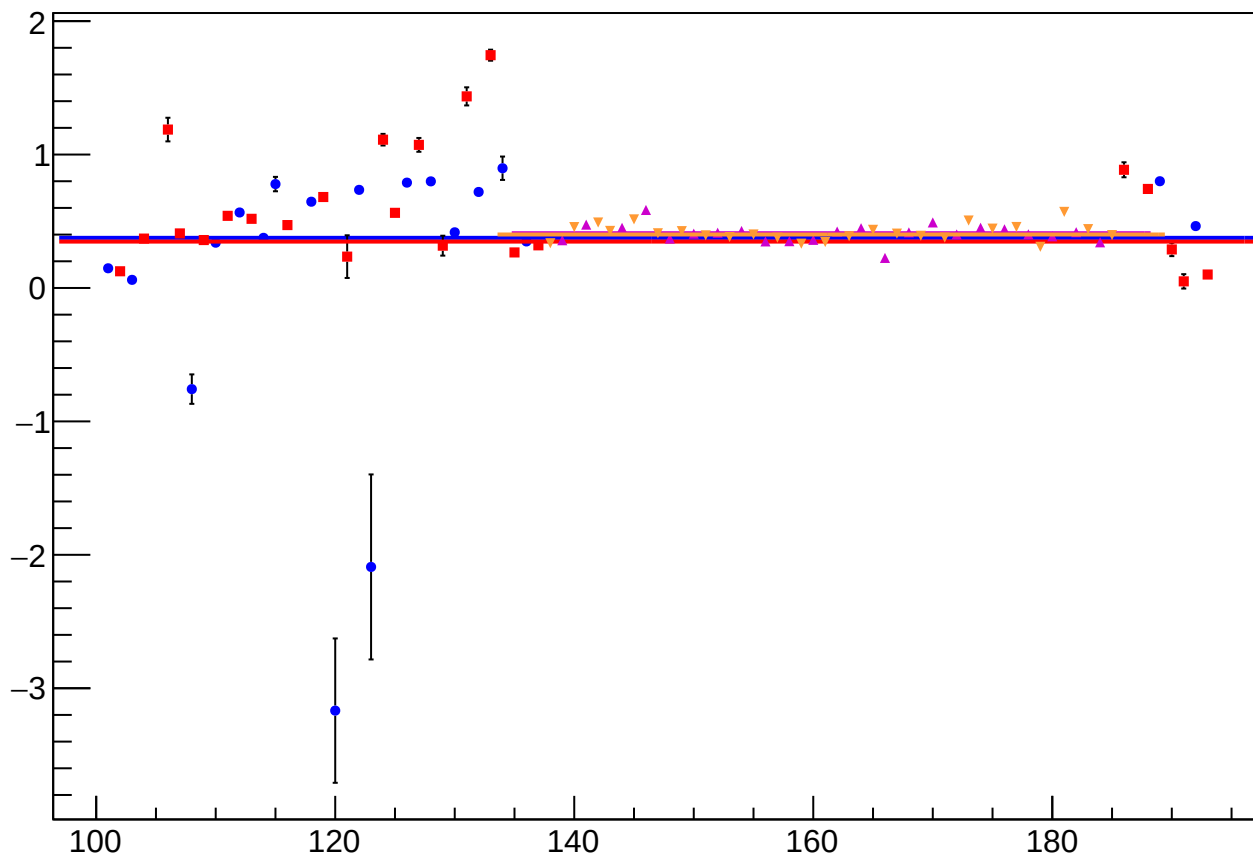
Left In: -129.256+/-0.052 χ^2/NDF : 6558.2/22

+ sign -123.524+/-0.000 χ^2/NDF : 183756.2/43

All: -123.524+/-0.000 χ^2/NDF : 1335999.0/89

- sign -138.490+/-0.016 χ^2/NDF : 317067.9/45

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 4114.4/18

Left Out: 0.401 $\pm$ 0.000 χ^2 /NDF:9030.9/24

Right Out: 0.348 $\pm$ 0.001 χ^2 /NDF: 6094.9/22

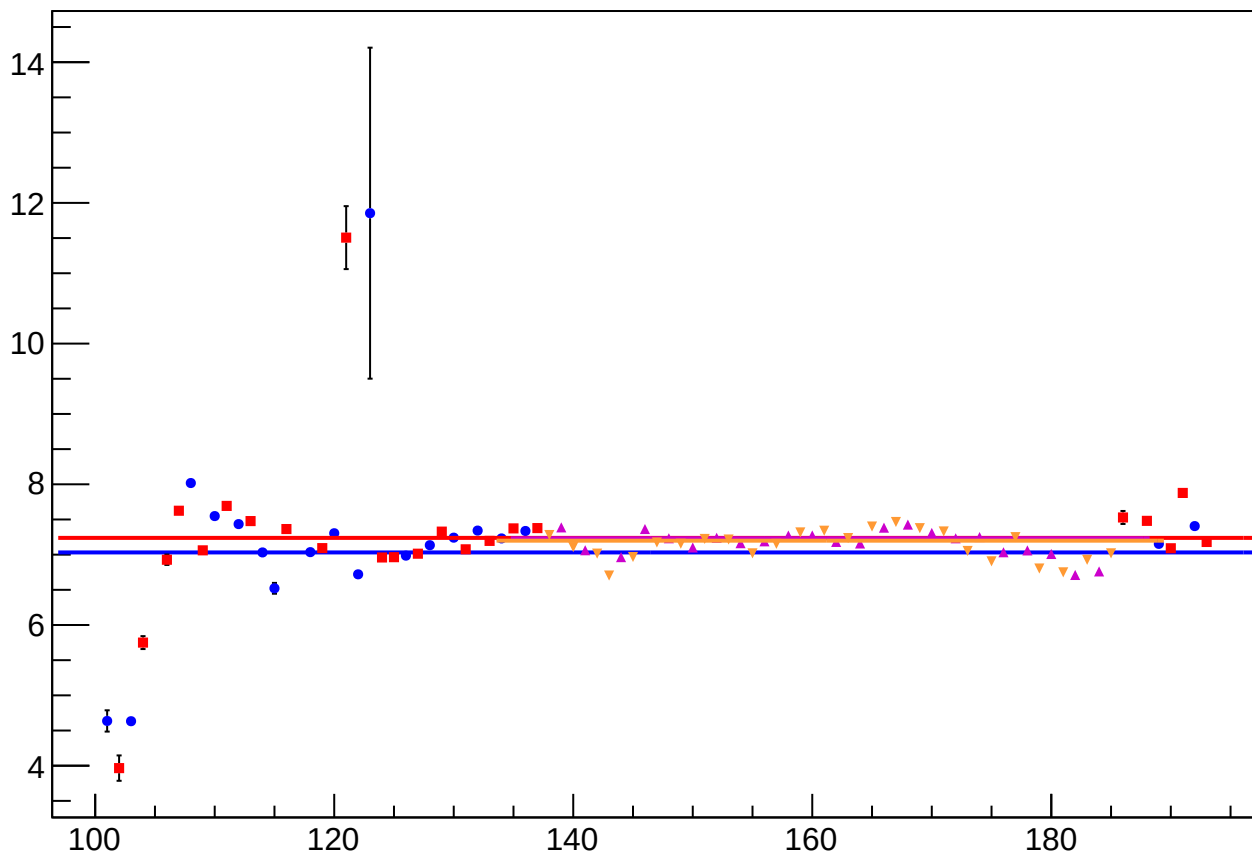
Left In: 0.410 $\pm$ 0.000 χ^2 /NDF:8478.2/22

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 15654.8/43

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 36483.6/89

- sign 0.405 $\pm$ 0.000 χ^2 /NDF: 16227.2/45

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19951.1/18

Left Out: 7.199 $\pm$ 0.001 χ^2 /NDF: 37453.7/24

Right Out: 7.238 $\pm$ 0.002 χ^2 /NDF: 8645.9/22

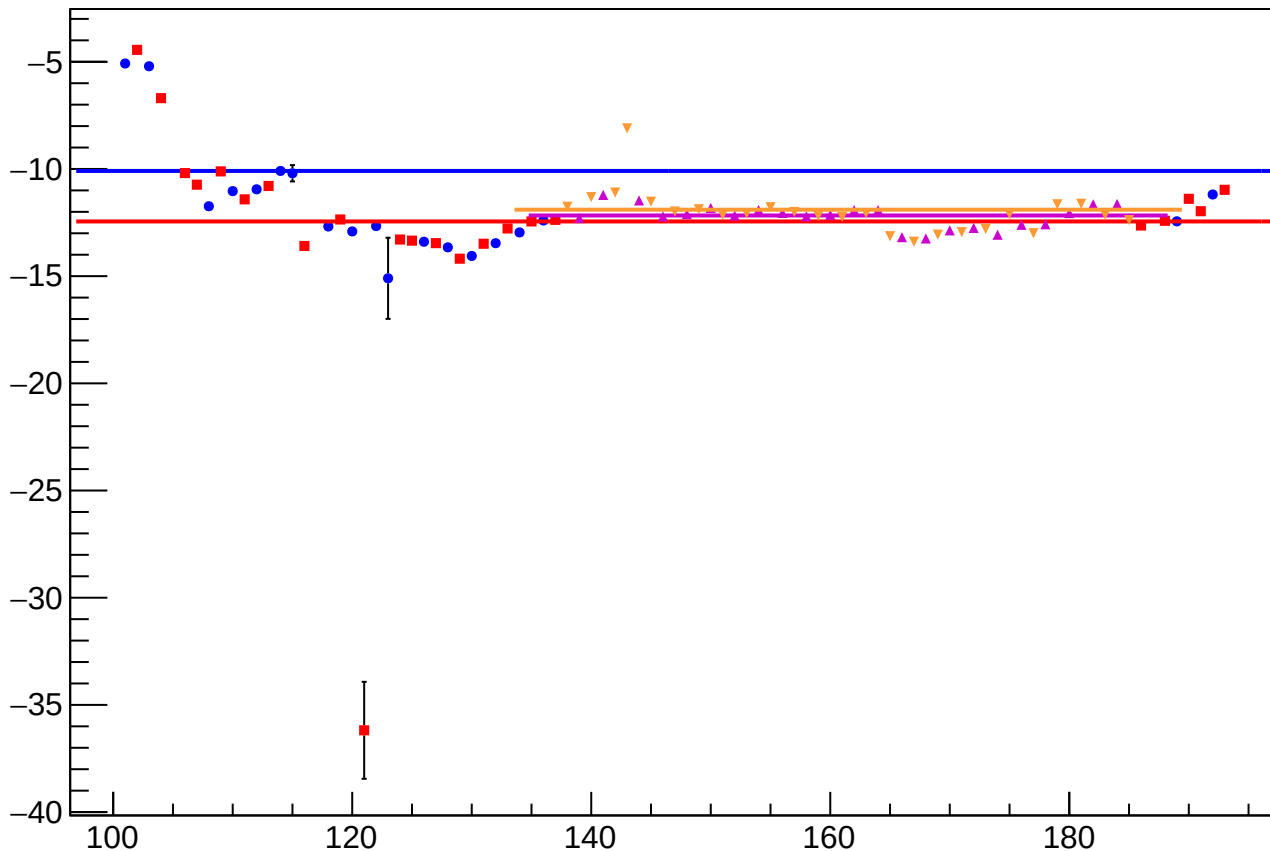
Left In: 7.233 $\pm$ 0.001 χ^2 /NDF: 23085.0/22

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 91755.9/43

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 190036.8/89

- sign 7.234 $\pm$ 0.001 χ^2 /NDF: 31735.3/45

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 545965.9/18

Left Out: -11.899 ± 0.002 χ^2/NDF : 498866.6/24

Right Out: -12.448 ± 0.004 χ^2/NDF : 106645.0/22

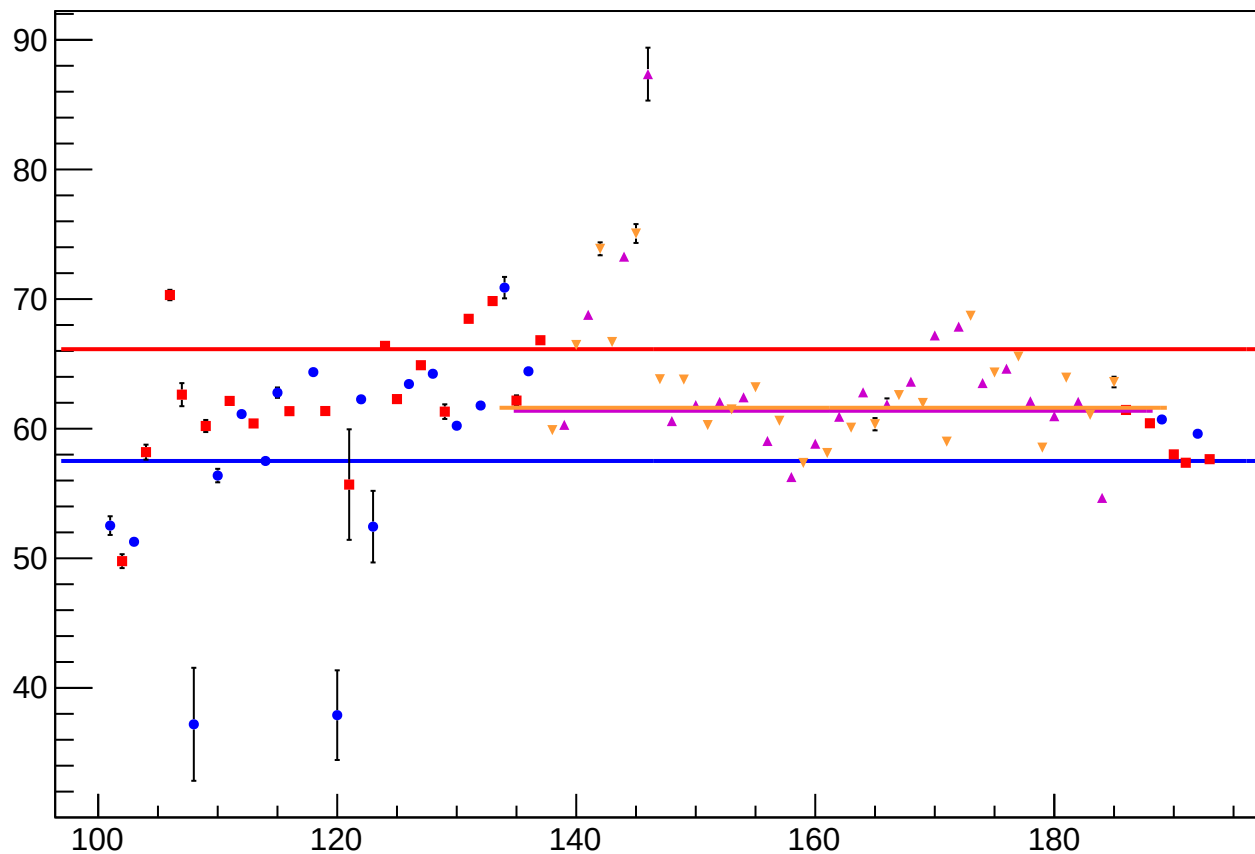
Left In: -12.169 ± 0.002 χ^2/NDF : 49568.3/22

+ sign -10.092 ± 0.000 χ^2/NDF : 2187929.6/43

All: -10.092 ± 0.000 χ^2/NDF : 4259909.7/89

- sign -12.221 ± 0.002 χ^2/NDF : 161169.1/45

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 $\chi^2/\text{NDF}: 9257.2/18$

Left Out: 61.615 ± 0.039 $\chi^2/\text{NDF}: 7756.9/24$

Right Out: 66.135 ± 0.013 $\chi^2/\text{NDF}: 31553.0/22$

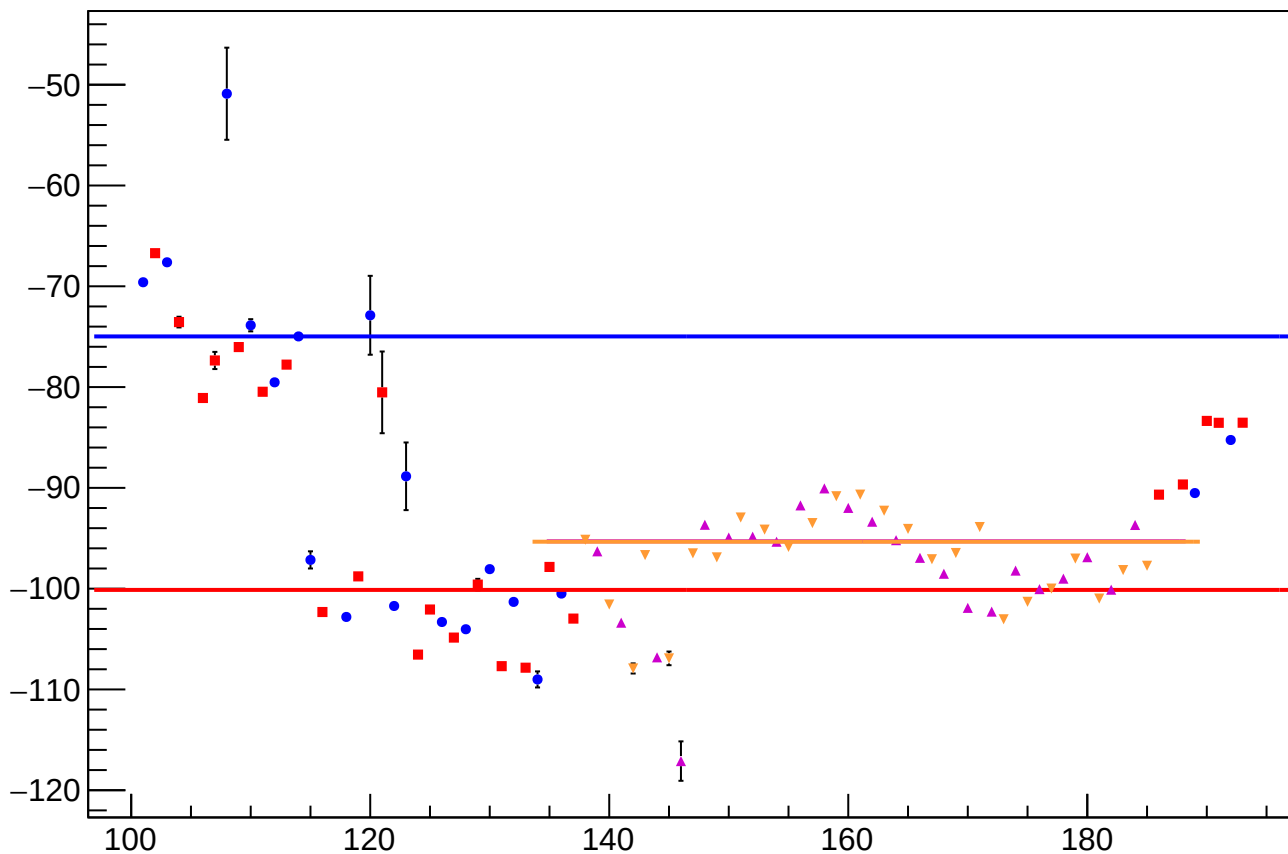
Left In: 61.383 ± 0.033 $\chi^2/\text{NDF}: 8900.0/22$

+ sign 57.510 ± 0.000 $\chi^2/\text{NDF}: 28155.0/43$

All: 57.510 ± 0.000 $\chi^2/\text{NDF}: 548514.5/89$

- sign 65.512 ± 0.012 $\chi^2/\text{NDF}: 58962.7/45$

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 148262.6/18$

Left Out: -95.342 ± 0.039 $\chi^2/\text{NDF}: 9387.4/24$

Right Out: -100.125 ± 0.016 $\chi^2/\text{NDF}: 169850.9/22$

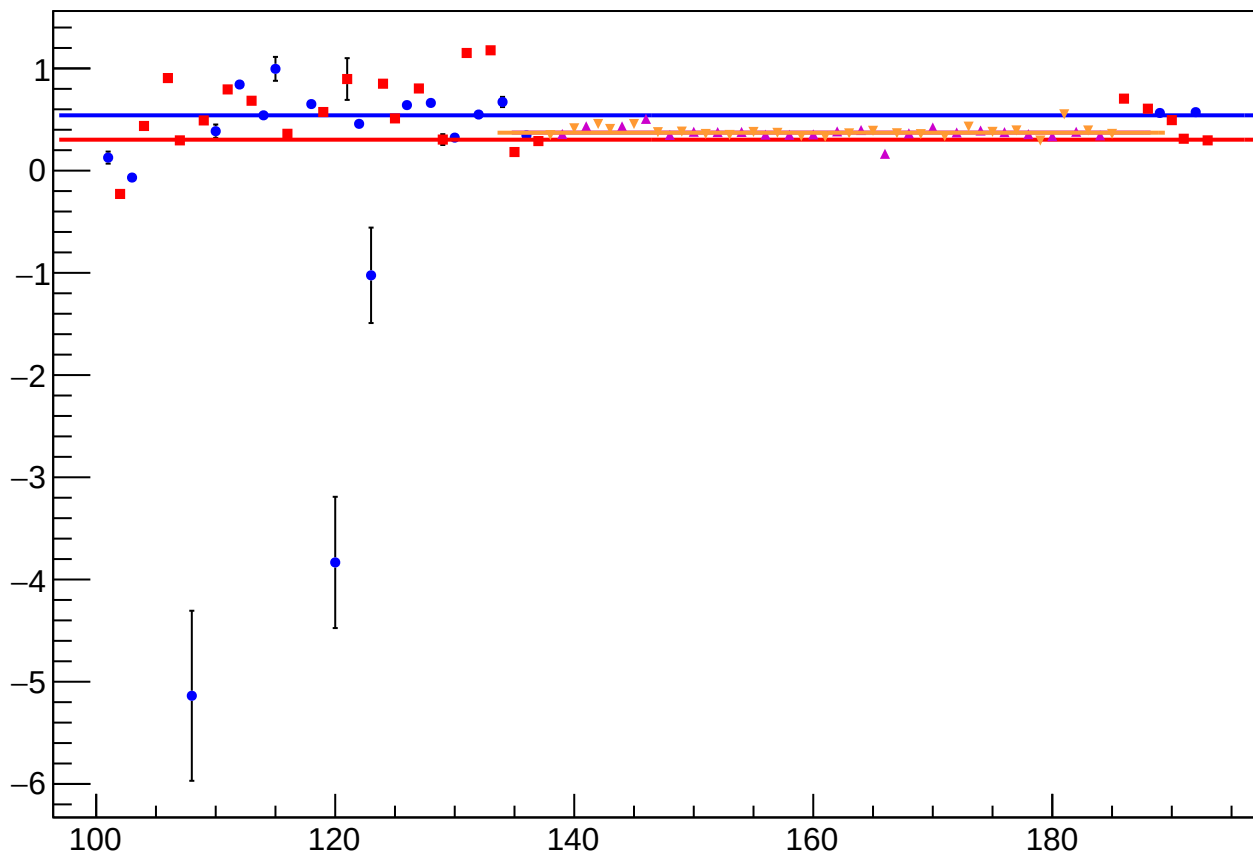
Left In: -95.301 ± 0.033 $\chi^2/\text{NDF}: 11271.5/22$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 434611.3/43$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 3315930.7/89$

- sign -99.170 ± 0.015 $\chi^2/\text{NDF}: 198057.9/45$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 ± 0.000 χ^2/NDF : 29183.6/18

Left Out: 0.371 ± 0.000 χ^2/NDF : 6797.7/24

Right Out: 0.303 ± 0.001 χ^2/NDF : 10845.1/22

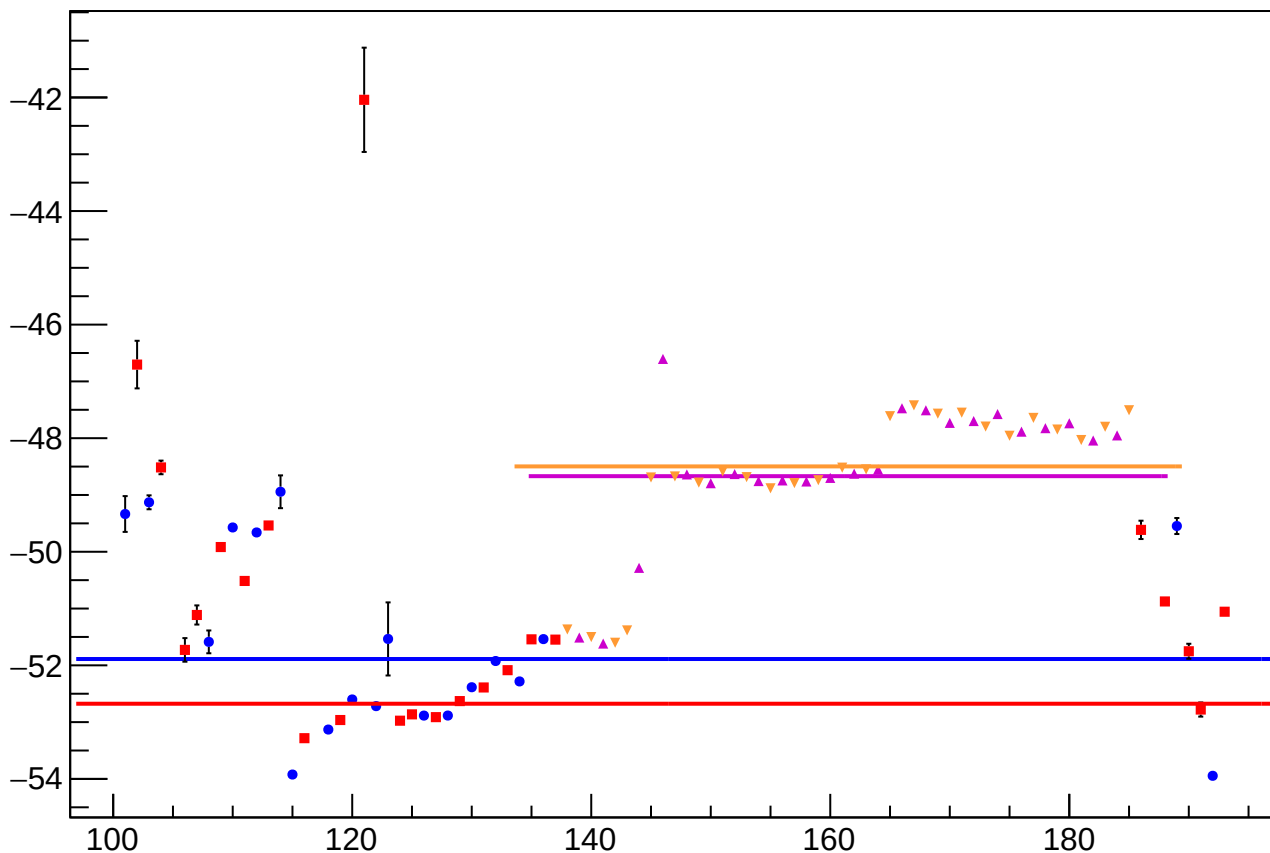
Left In: 0.372 ± 0.000 χ^2/NDF : 6020.6/22

+ sign 0.541 ± 0.000 χ^2/NDF : 247294.8/43

All: 0.541 ± 0.000 χ^2/NDF : 651158.8/89

- sign 0.363 ± 0.000 χ^2/NDF : 23395.7/45

dit_sam8_4aY_slope vs Slug



Right In: -51.889 ± 0.002 χ^2/NDF : 78407.8/18

Left Out: -48.497 ± 0.001 χ^2/NDF : 699790.4/24

Right Out: -52.676 ± 0.003 χ^2/NDF : 58052.0/22

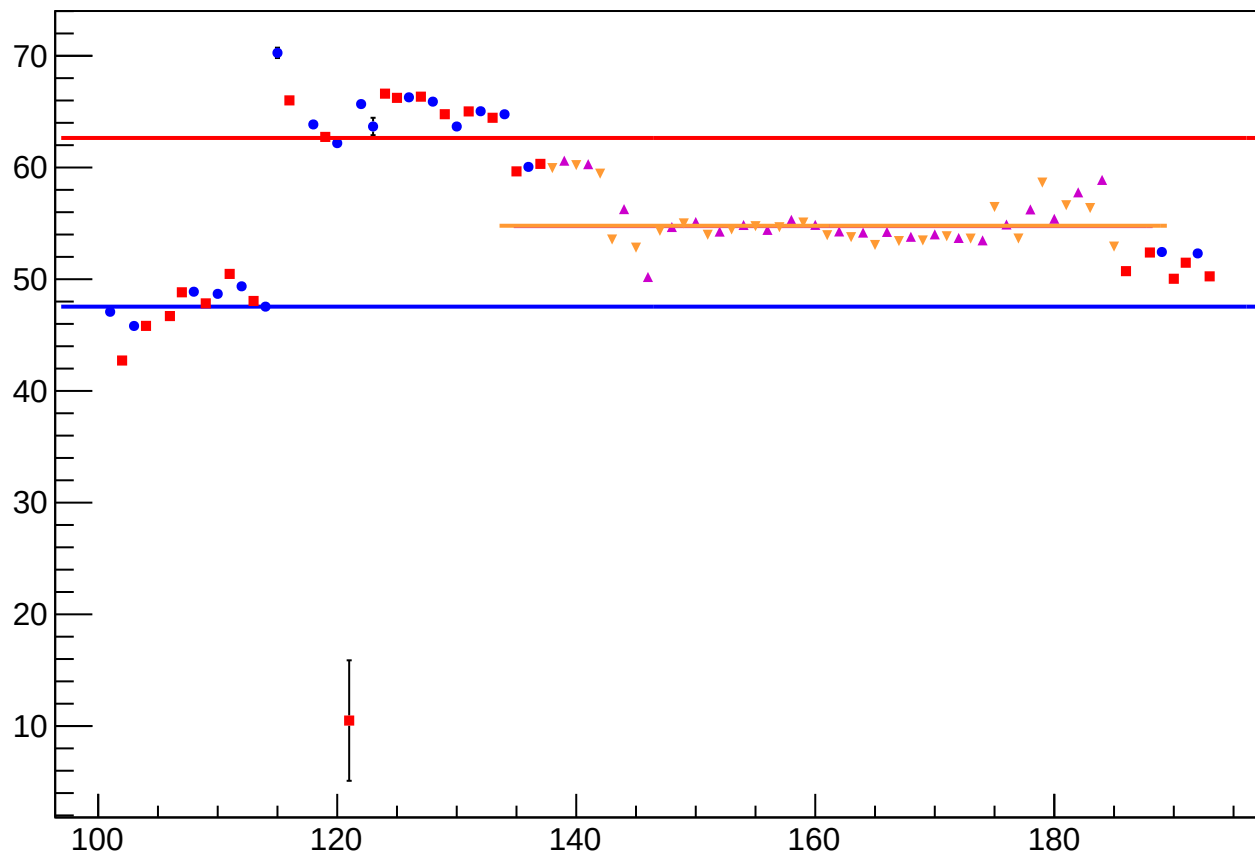
Left In: -48.669 ± 0.001 χ^2/NDF : 809321.2/22

+ sign -49.129 ± 0.001 χ^2/NDF : 2665586.1/43

All: -49.137 ± 0.001 χ^2/NDF : 5704023.1/89

- sign -49.143 ± 0.001 χ^2/NDF : 3038307.7/45

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3606998.9/18

Left Out: 54.787 $\pm$ 0.003 χ^2 /NDF: 301226.3/24

Right Out: 62.645 $\pm$ 0.007 χ^2 /NDF: 428433.2/22

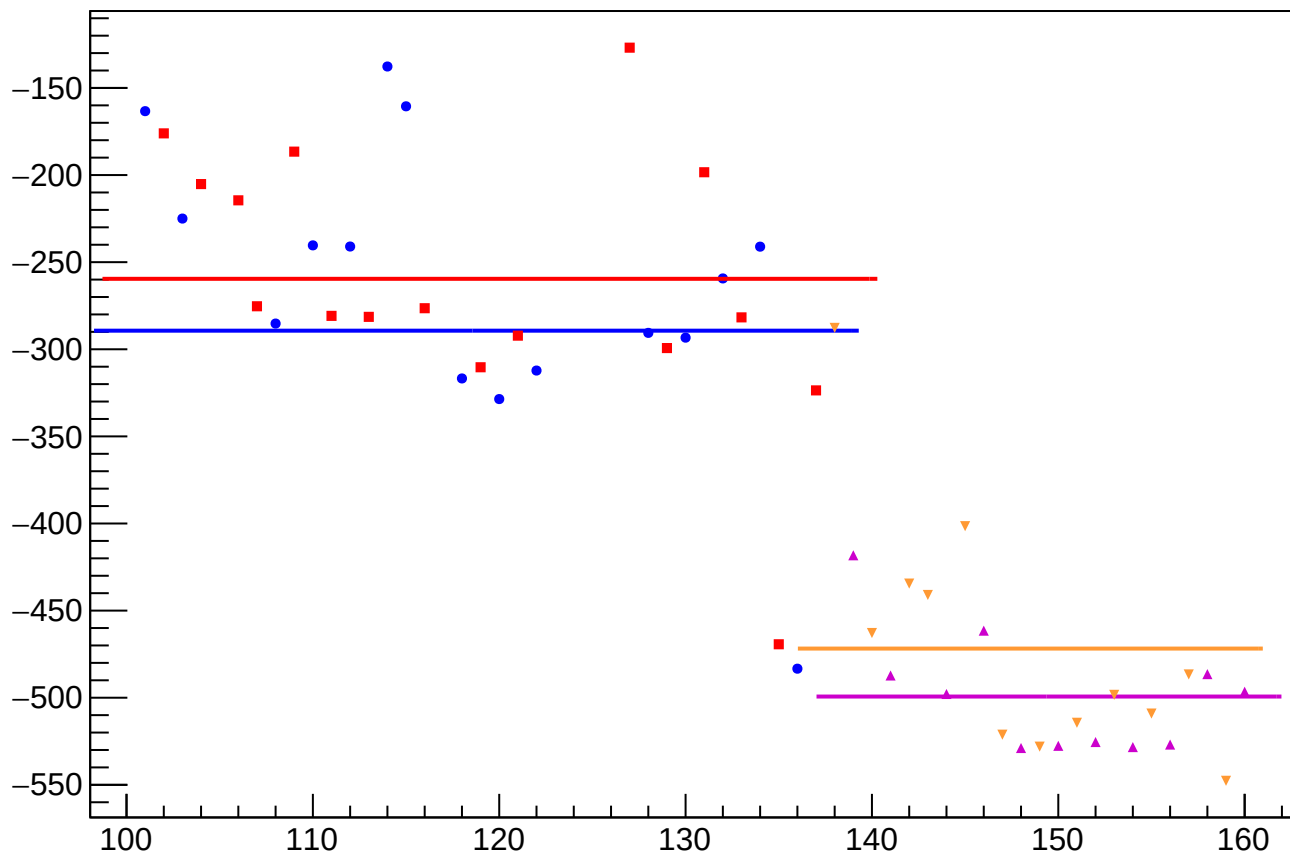
Left In: 54.755 $\pm$ 0.003 χ^2 /NDF: 100763.3/22

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9955849.7/43

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 22386031.6/89

- sign 55.641 $\pm$ 0.002 χ^2 /NDF: 1558325.5/45

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -471.791+/-0.000 χ^2/NDF : 4407577357733372304653153526381281280.0/11

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

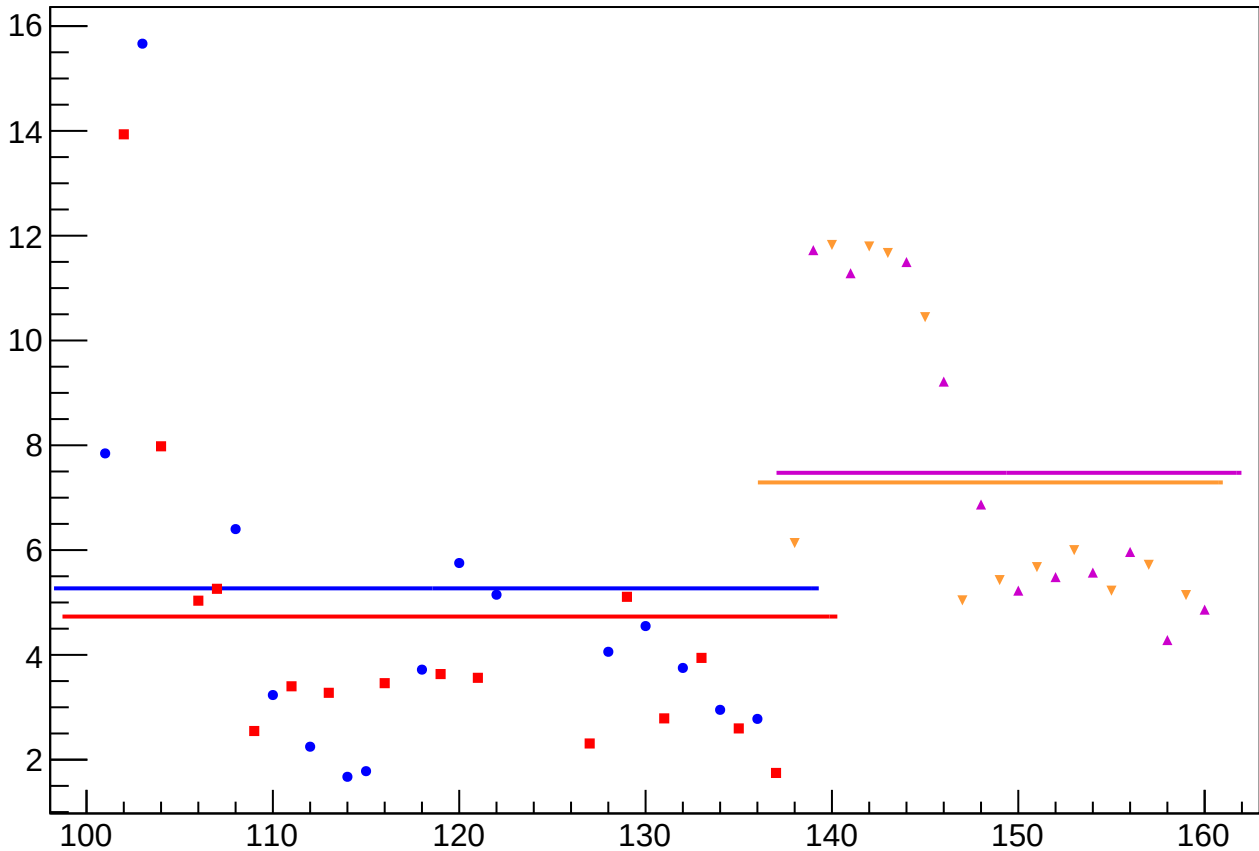
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF : 6718053515172863885836432351166464.0/11

Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

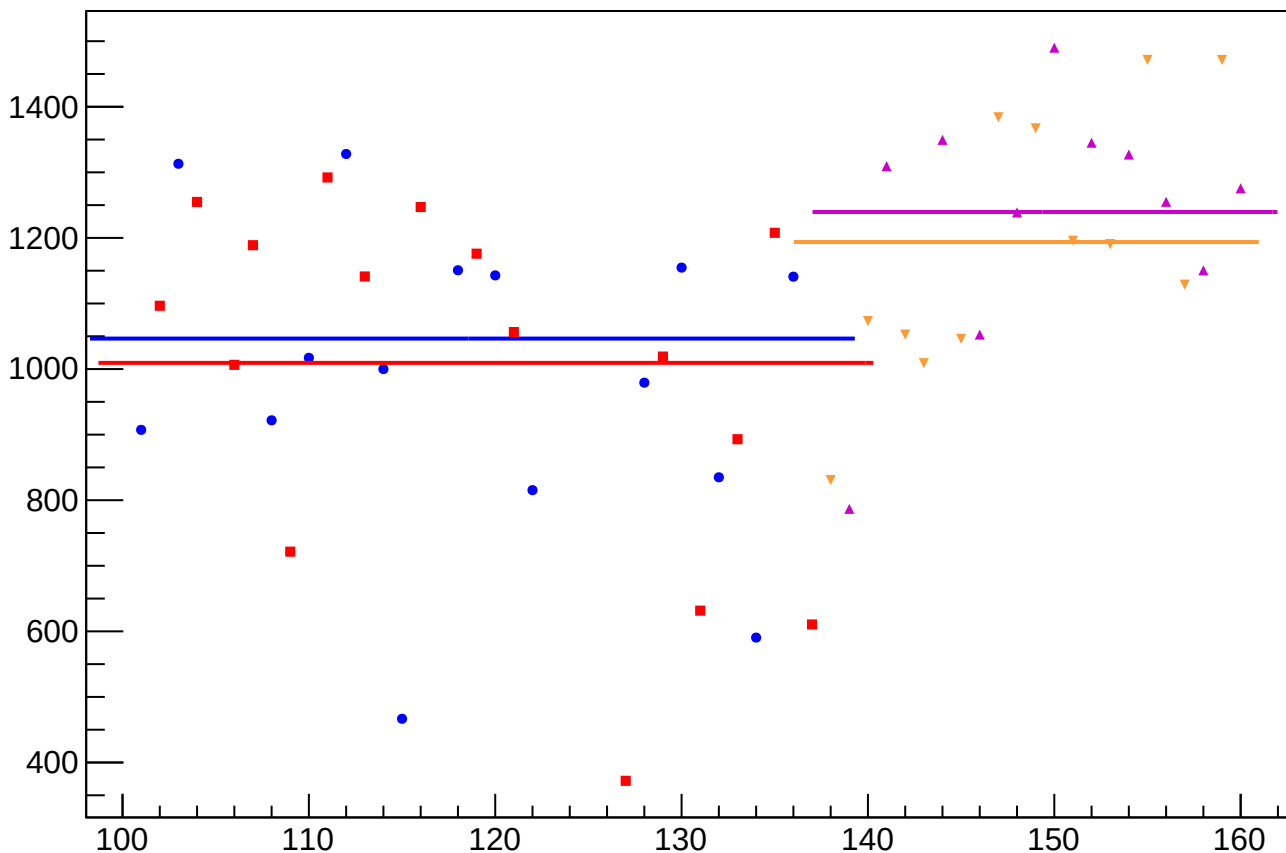
Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ sign 6.452+/-0.000 χ^2/NDF : 16978559973735600

All: 6.388+/-0.000 χ^2/NDF : 33820915421032

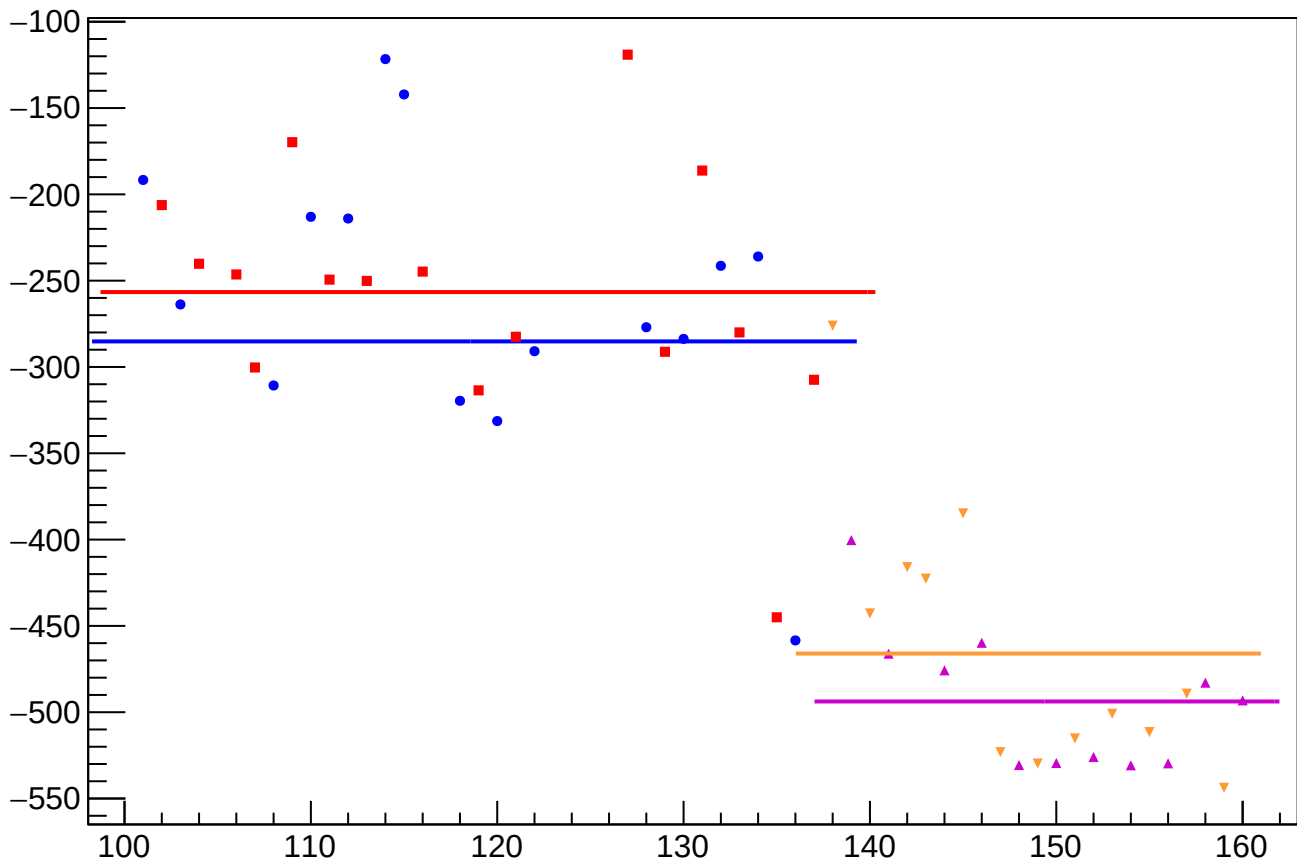
- sign 6.325+/-0.000 χ^2/NDF : 16829636305354281

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

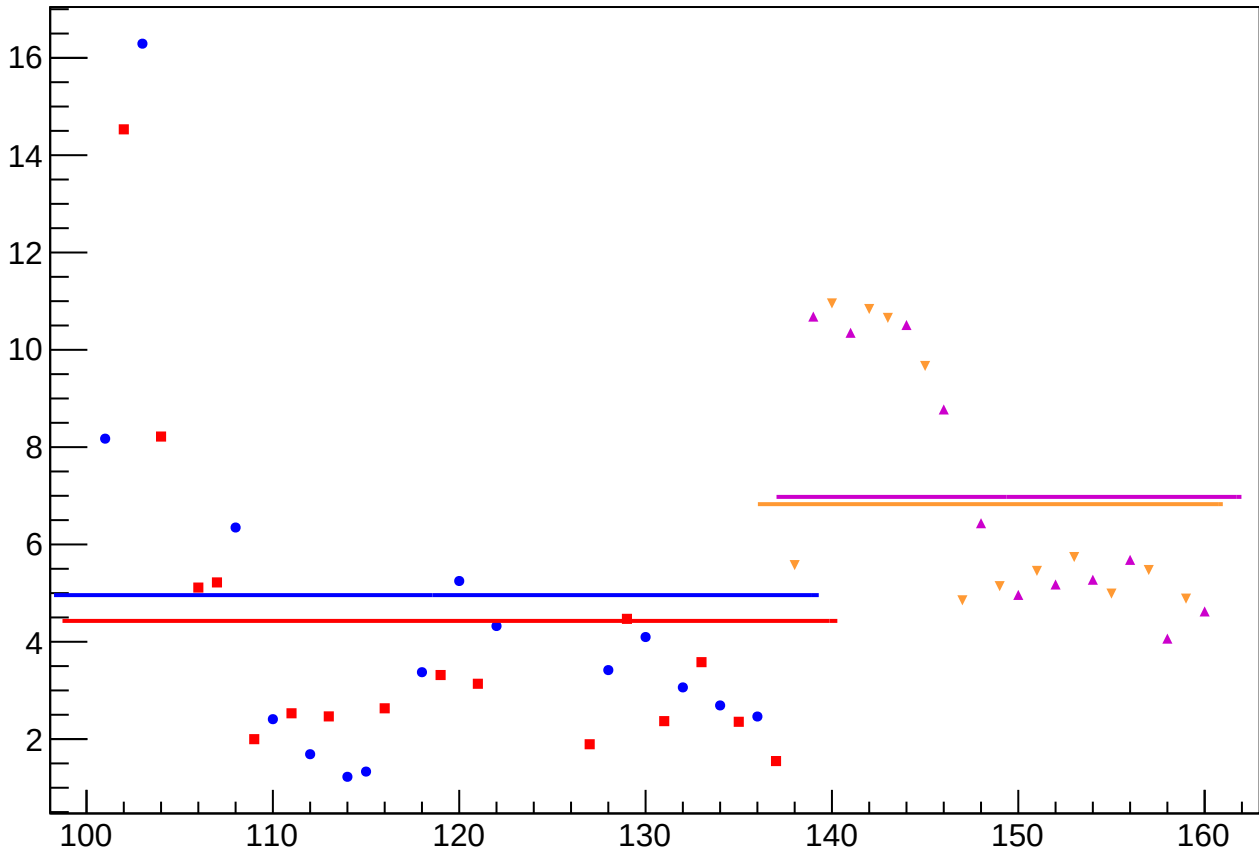
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ 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



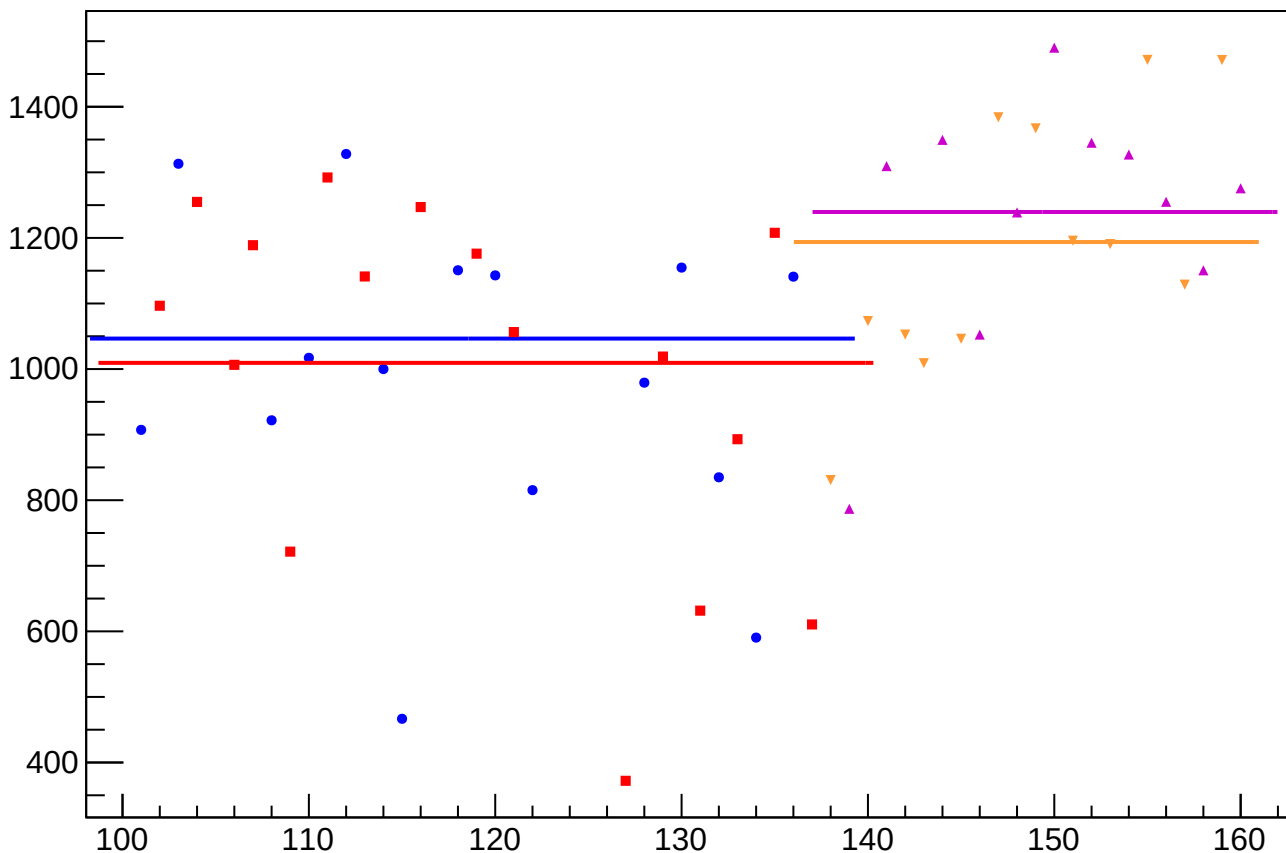
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

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

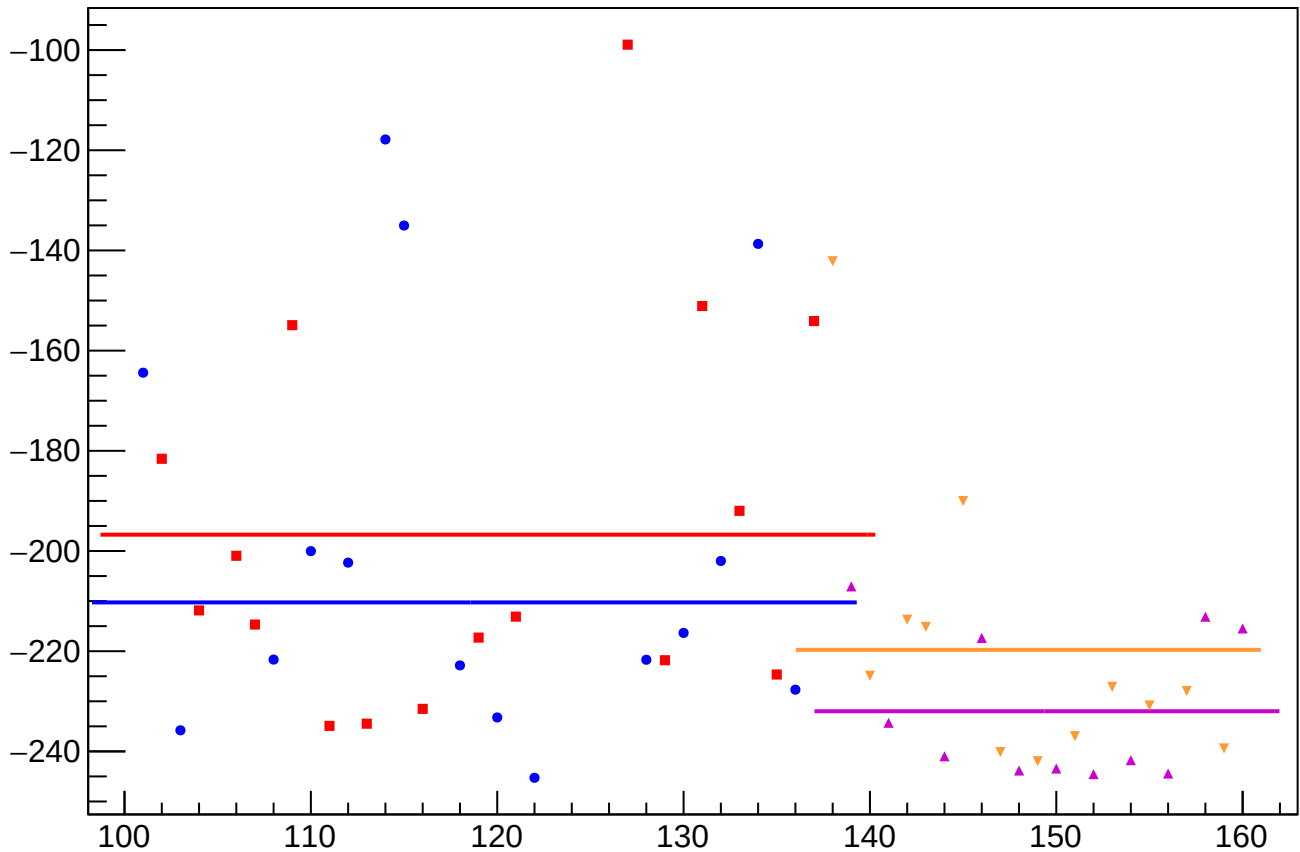
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

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

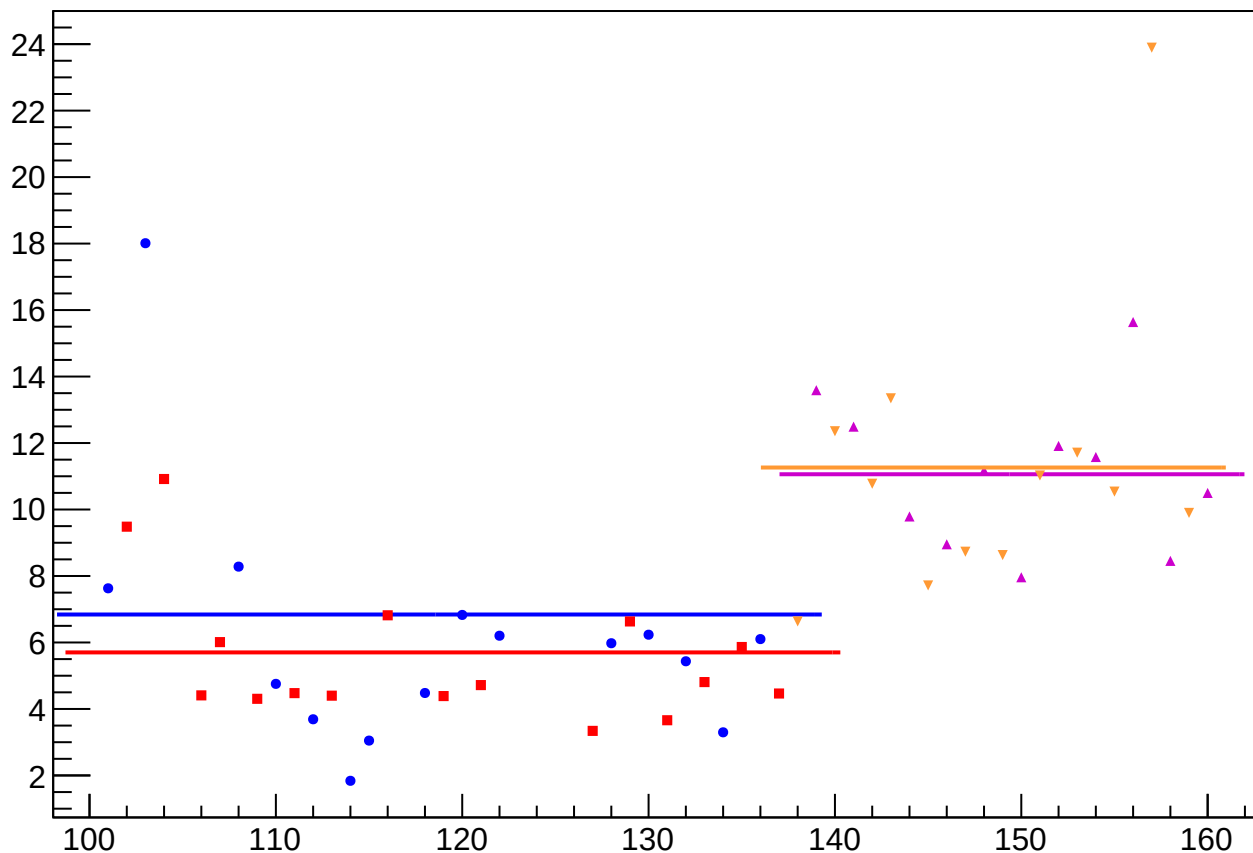
Left In: -231.985 ± 0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ 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

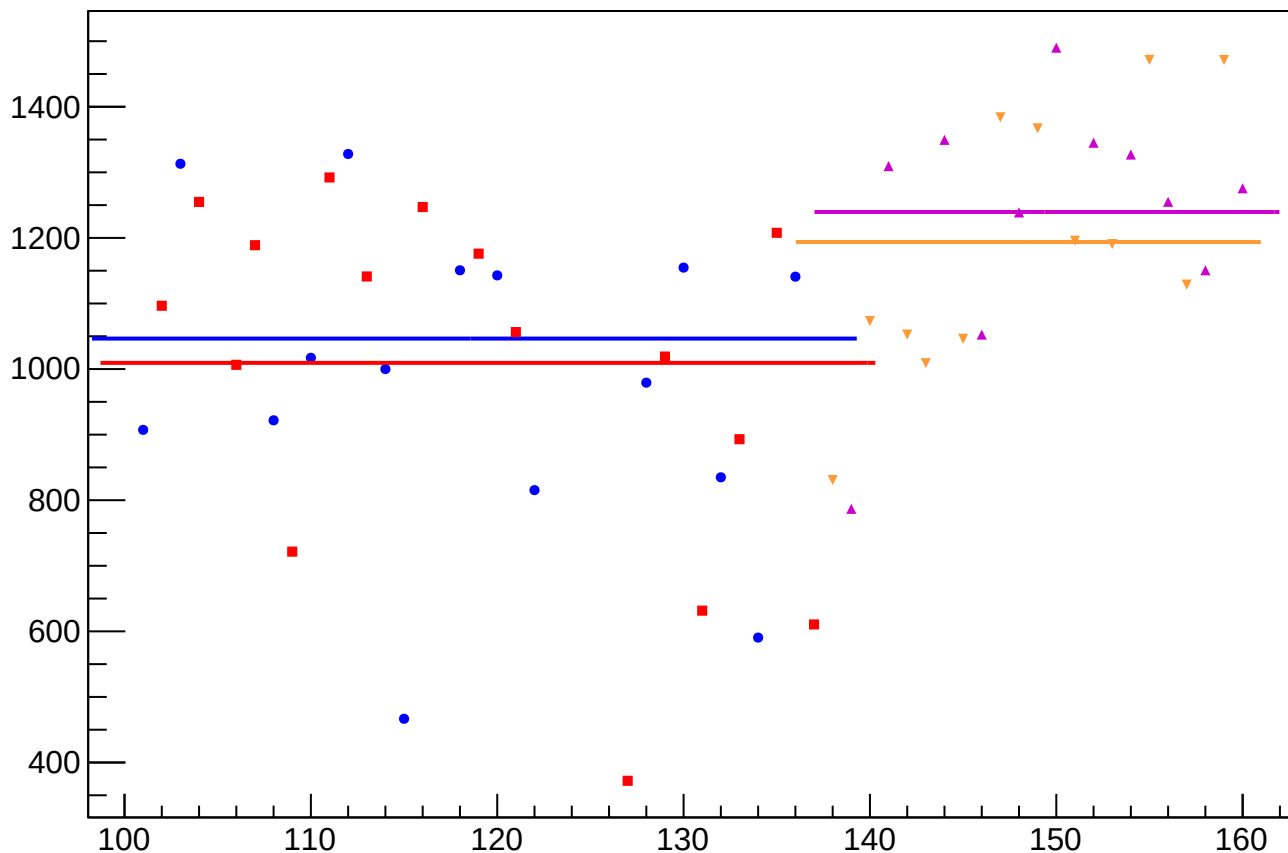
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF : 33726426520626408

All: 9.118+/-0.000 χ^2/NDF : 52742989230721

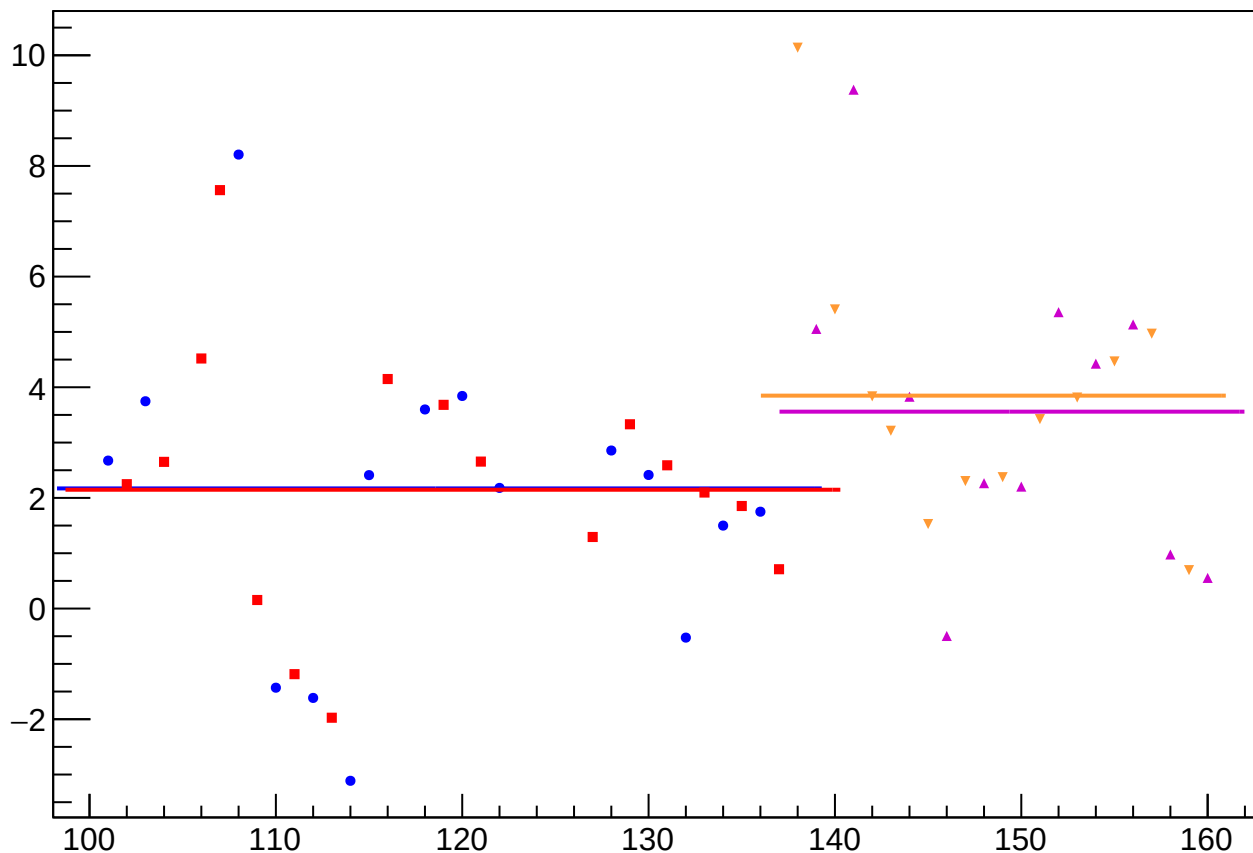
- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

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

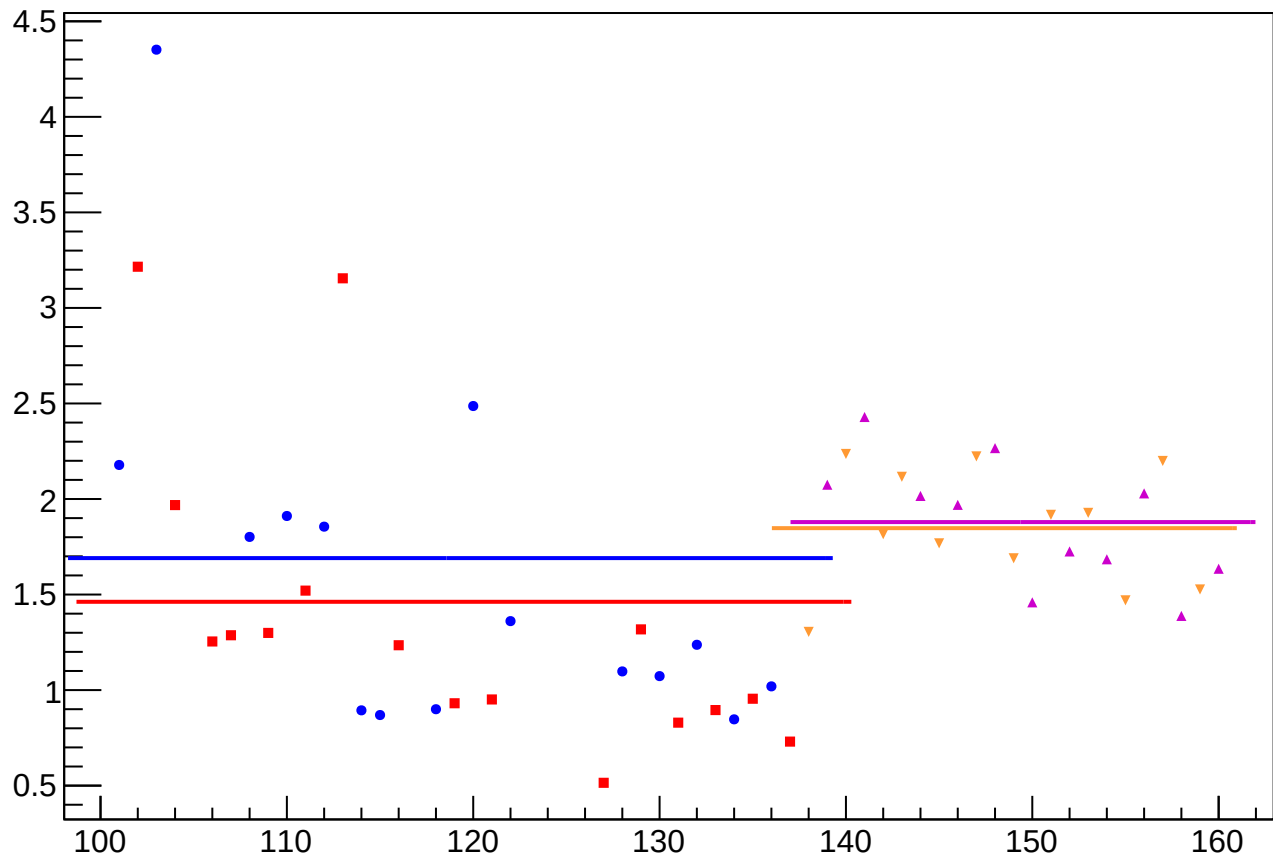
dit_4aY_coil1_mean vs Slug



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

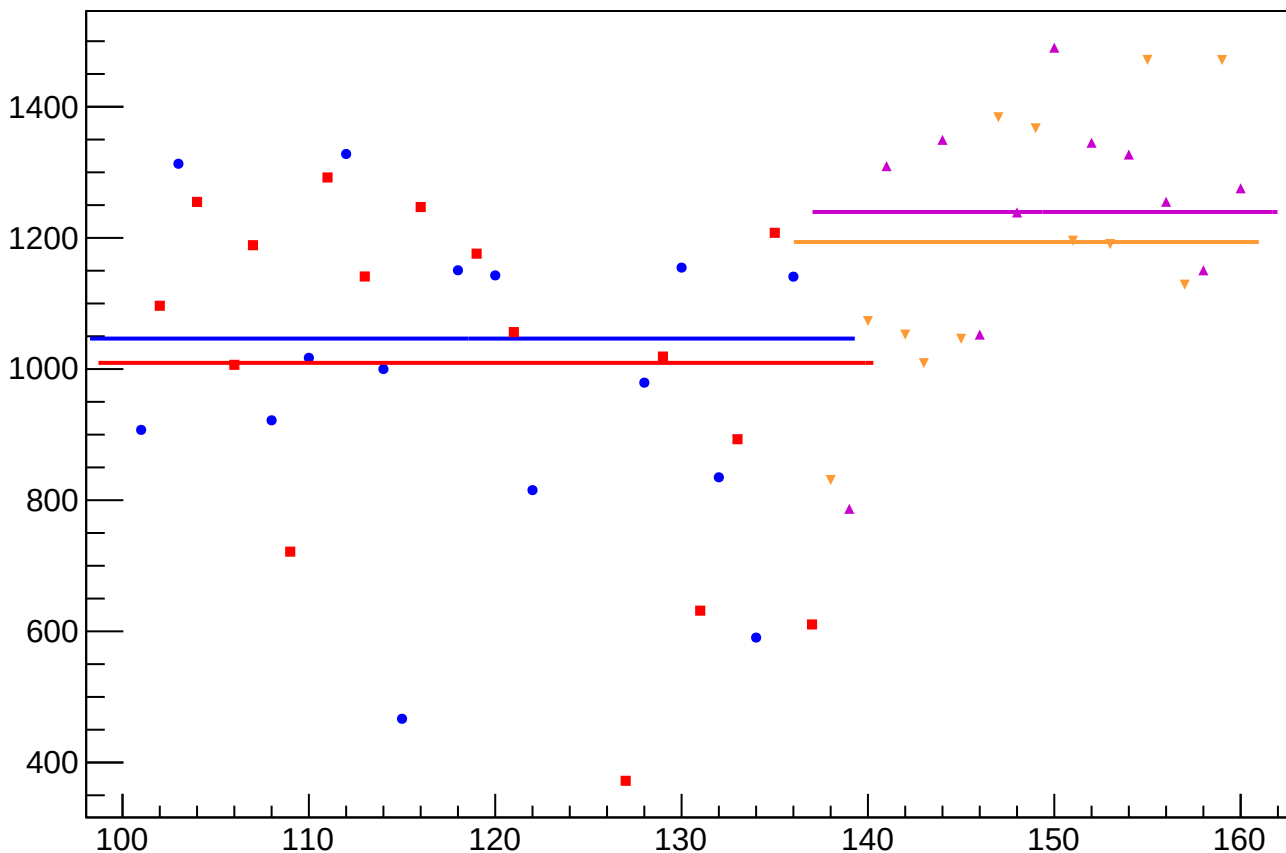
+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652
 All: 3.059+/-0.000 χ^2/NDF : 20091616900140
 - sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

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

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

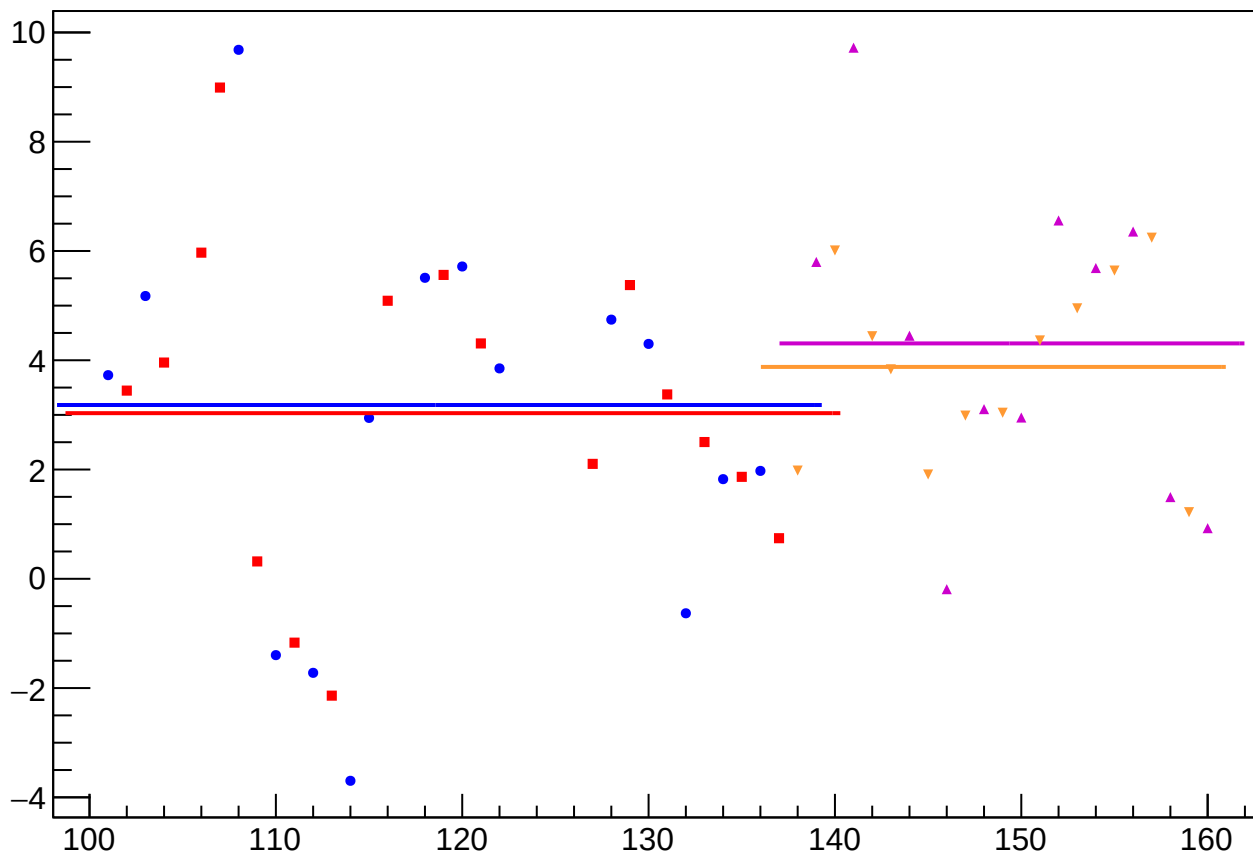
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

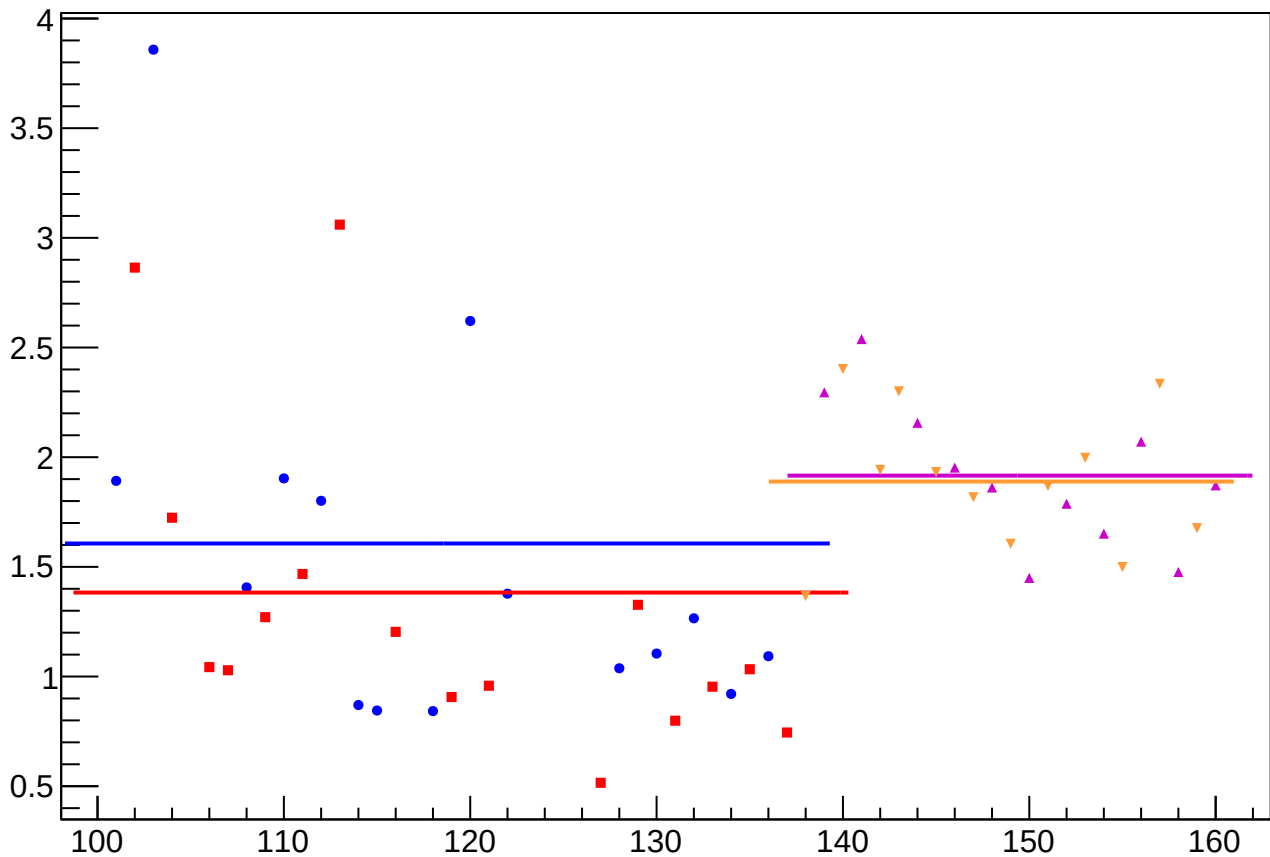
dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000	χ^2/NDF : 5833303227868252617704566394191872.0/14
Left Out: 3.878+/-0.000	χ^2/NDF : 2463584640289158504459219897417728.0/11
Right Out: 3.032+/-0.000	χ^2/NDF : 4937209831371793945496546833334272.0/15
Left In: 4.308+/-0.000	χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.589+/-0.000 χ^2/NDF : 84811787194063263
 All: 3.682+/-0.000 χ^2/NDF : 21150064748618
 - sign 3.773+/-0.000 χ^2/NDF : 12642039557663055

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.889 $\pm$ 0.000 χ^2 /NDF: 94097326064066188177587241484288.0/11

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

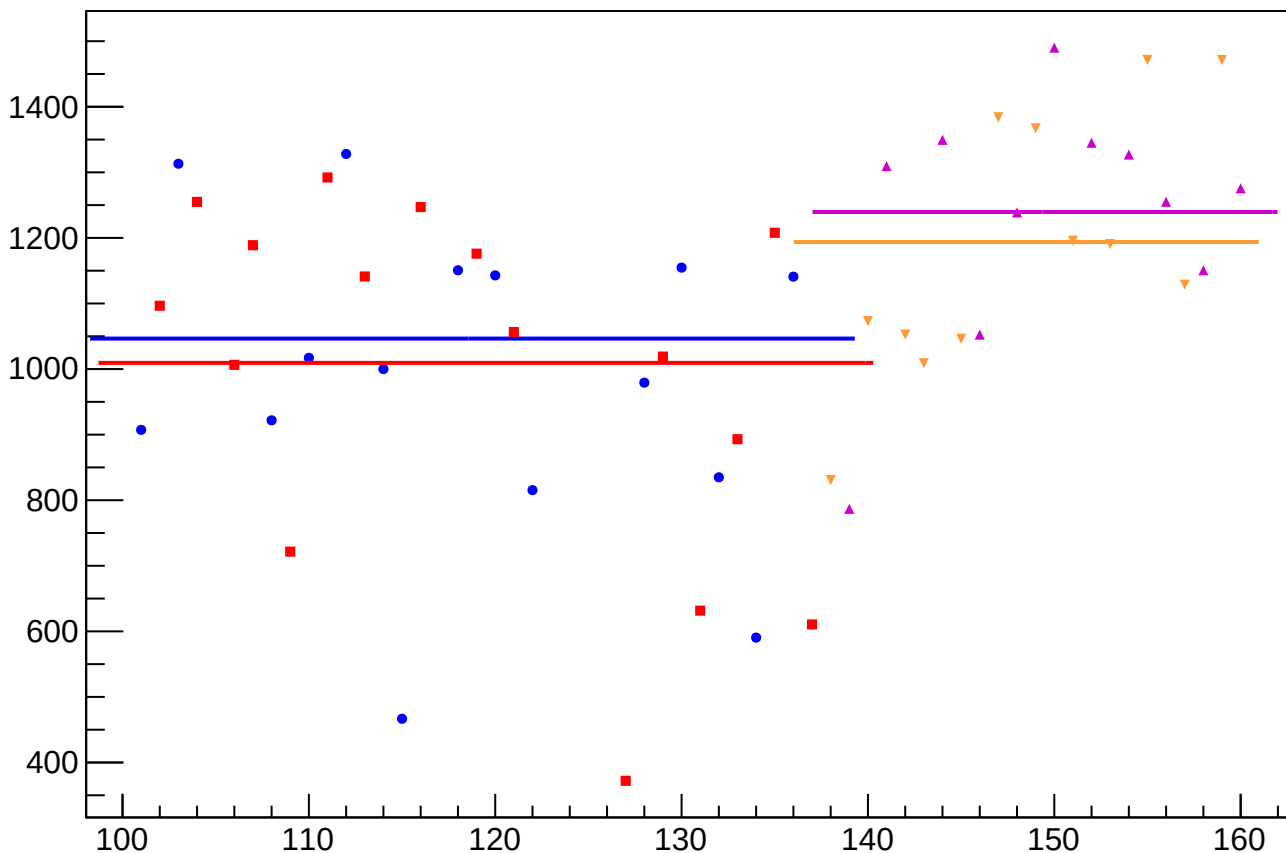
Left In: 1.916 $\pm$ 0.000 χ^2 /NDF: 95276515809016209875699691945984.0/10

+ sign 1.772 $\pm$ 0.000 χ^2 /NDF: 58529175260763022

All: 1.732 $\pm$ 0.000 χ^2 /NDF: 11539749951204

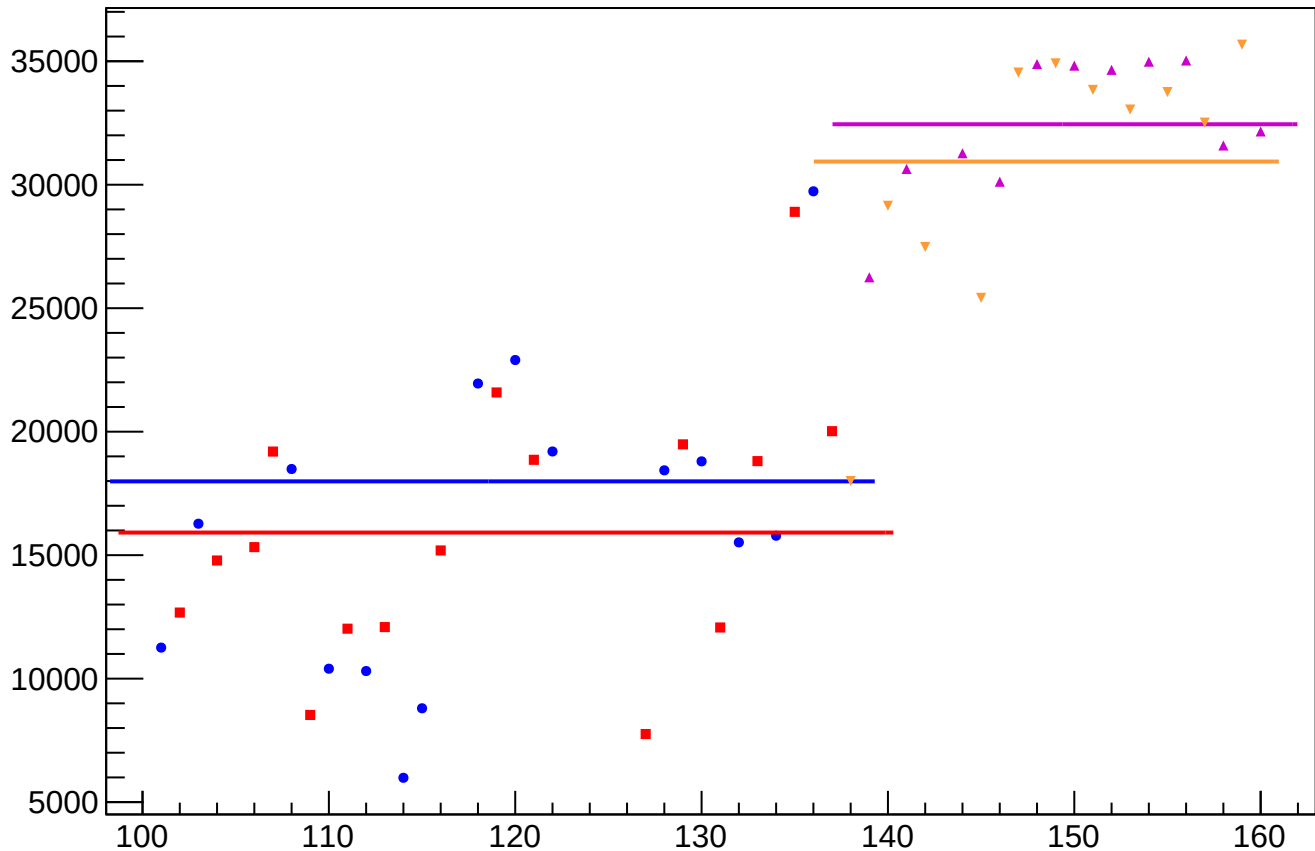
- sign 1.693 $\pm$ 0.000 χ^2 /NDF: 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

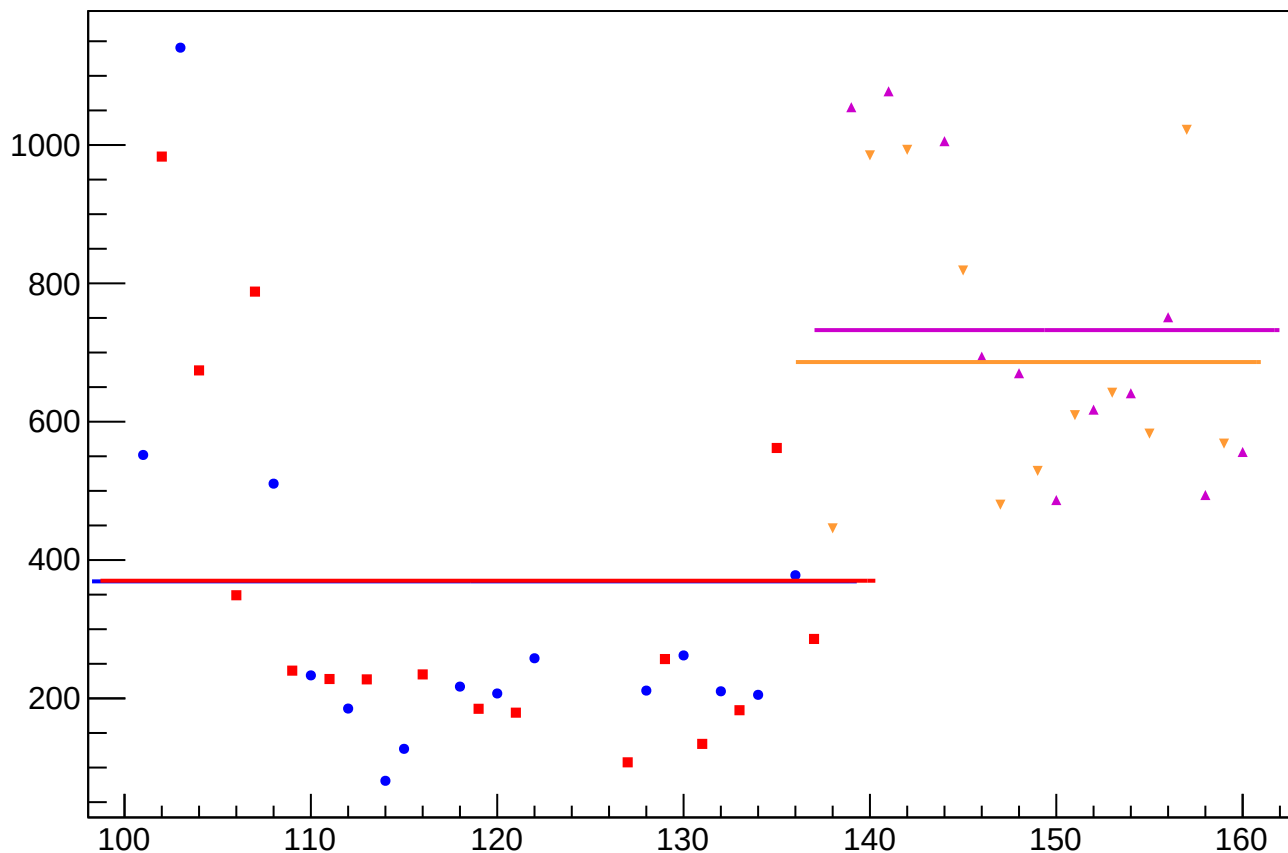
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30938.190+/-0.000	χ^2/NDF : 22231201695257869773275369100022395174912.0/10
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32448.675+/-0.000	χ^2/NDF : 6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF : 1086683983858
 All: 25421.772+/-0.000 χ^2/NDF : 2411086165
 - sign 25517.305+/-0.000 χ^2/NDF : 1324102555101

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 548.687+/-0.000 χ^2/NDF : 119411567412423

Left Out: 686.240+/-0.000 χ^2/NDF : 34417236167842983766159212562513657856.0/10

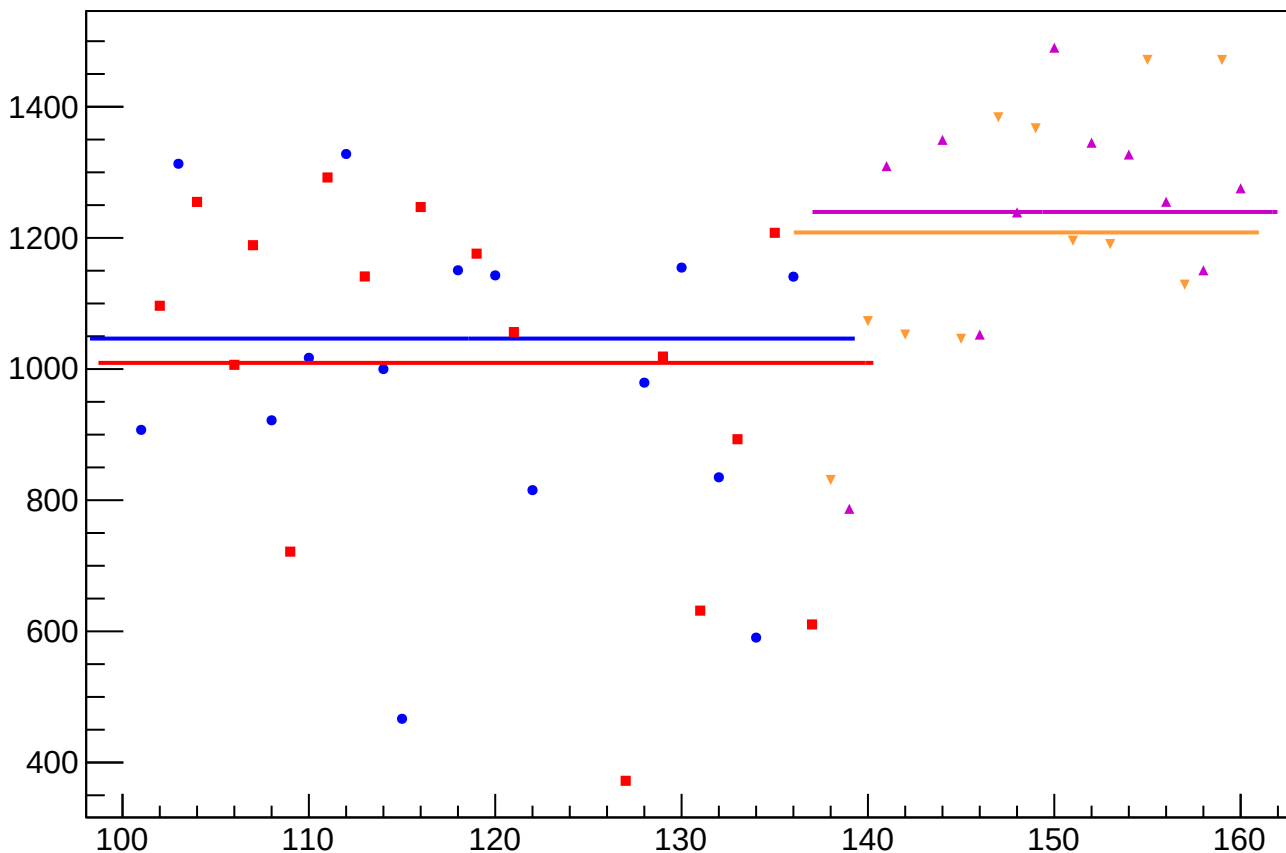
All: 565.091+/-0.000 χ^2/NDF : 259202401082

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 580.516+/-0.000 χ^2/NDF : 139009735968020

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF : 31920270949065456215955115636701528064.0/10

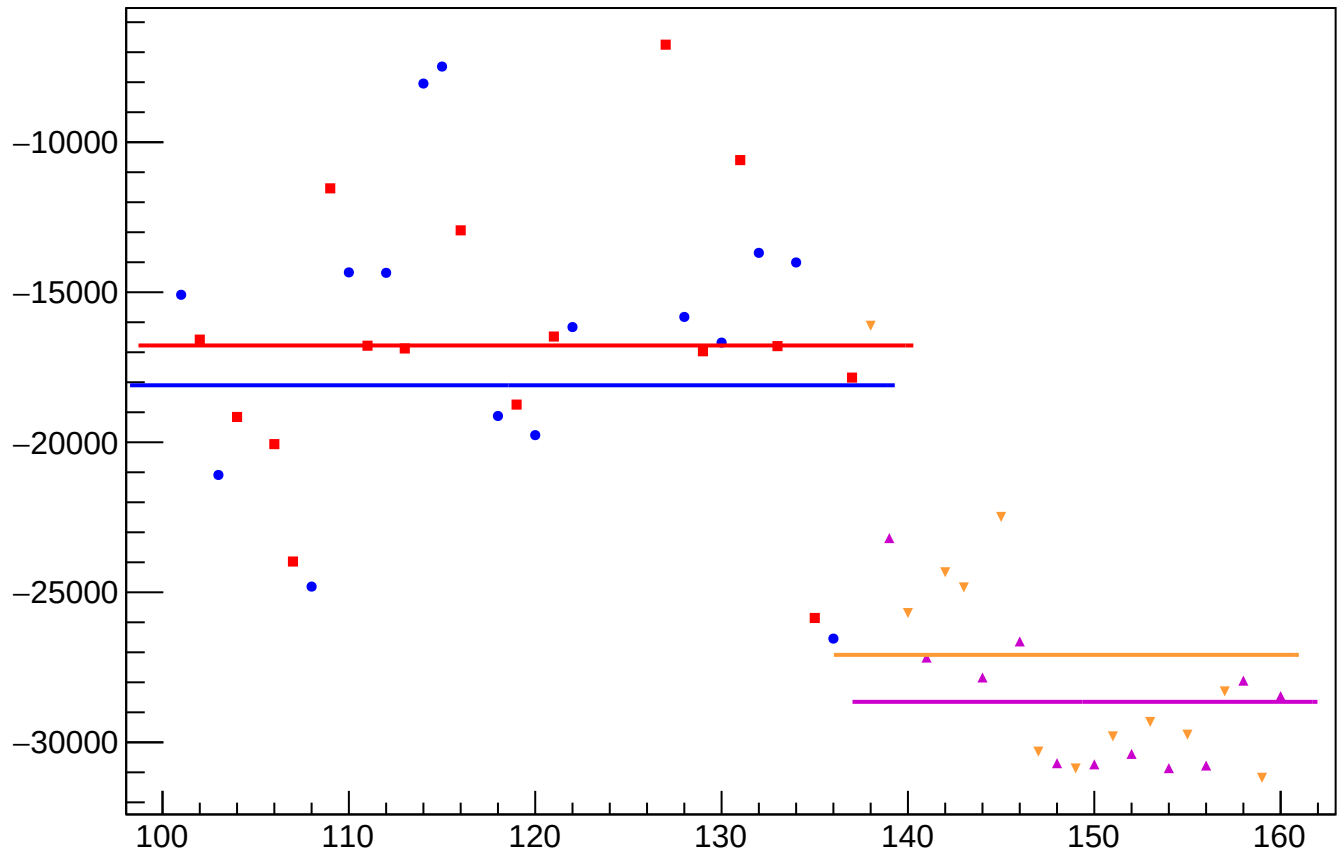
Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1140.682+/-0.000 χ^2/NDF : 16066171729

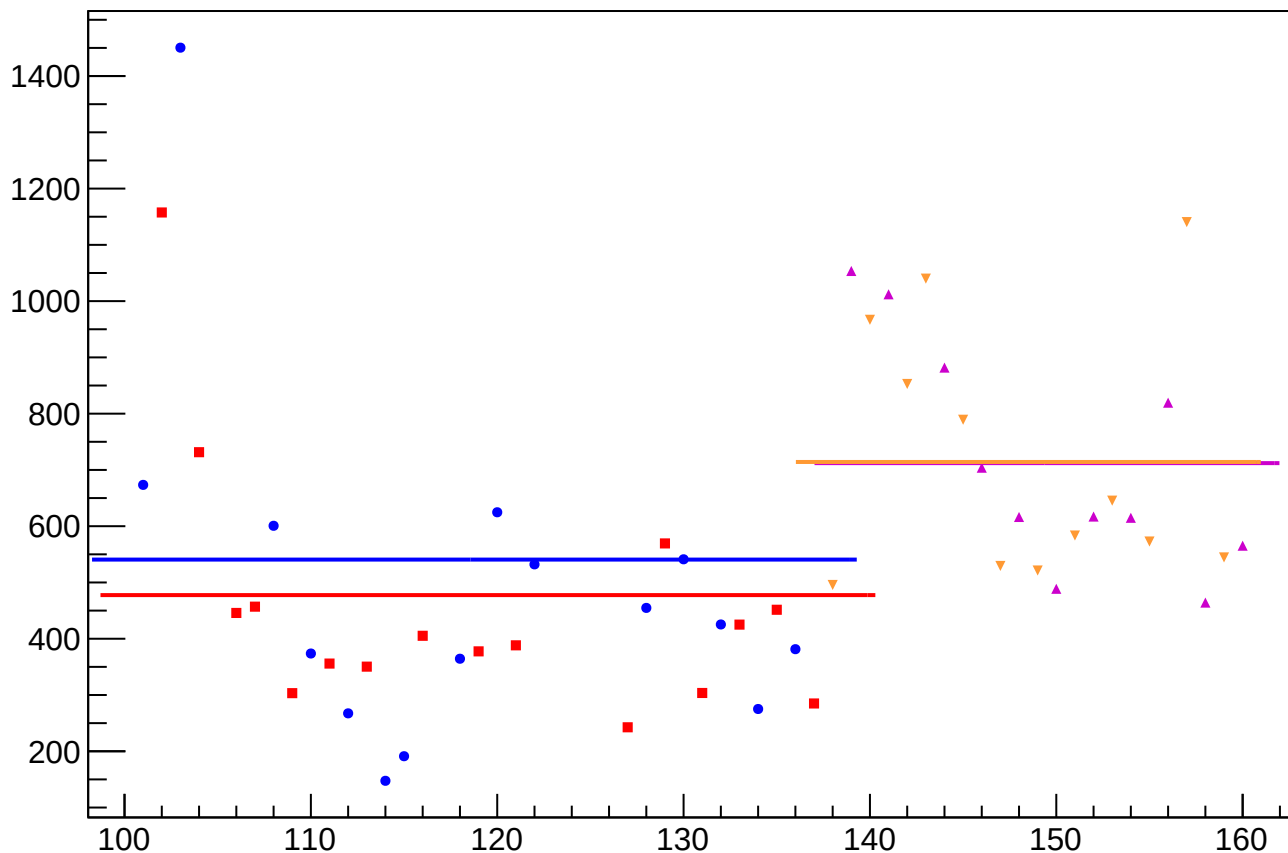
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -27085.326+/-0.000 χ^2/NDF : 16913671790830002451724713056210492850176.0/11
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: -28650.410+/-0.000 χ^2/NDF : 4838827535981080826725947474344765554688.0/10
 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

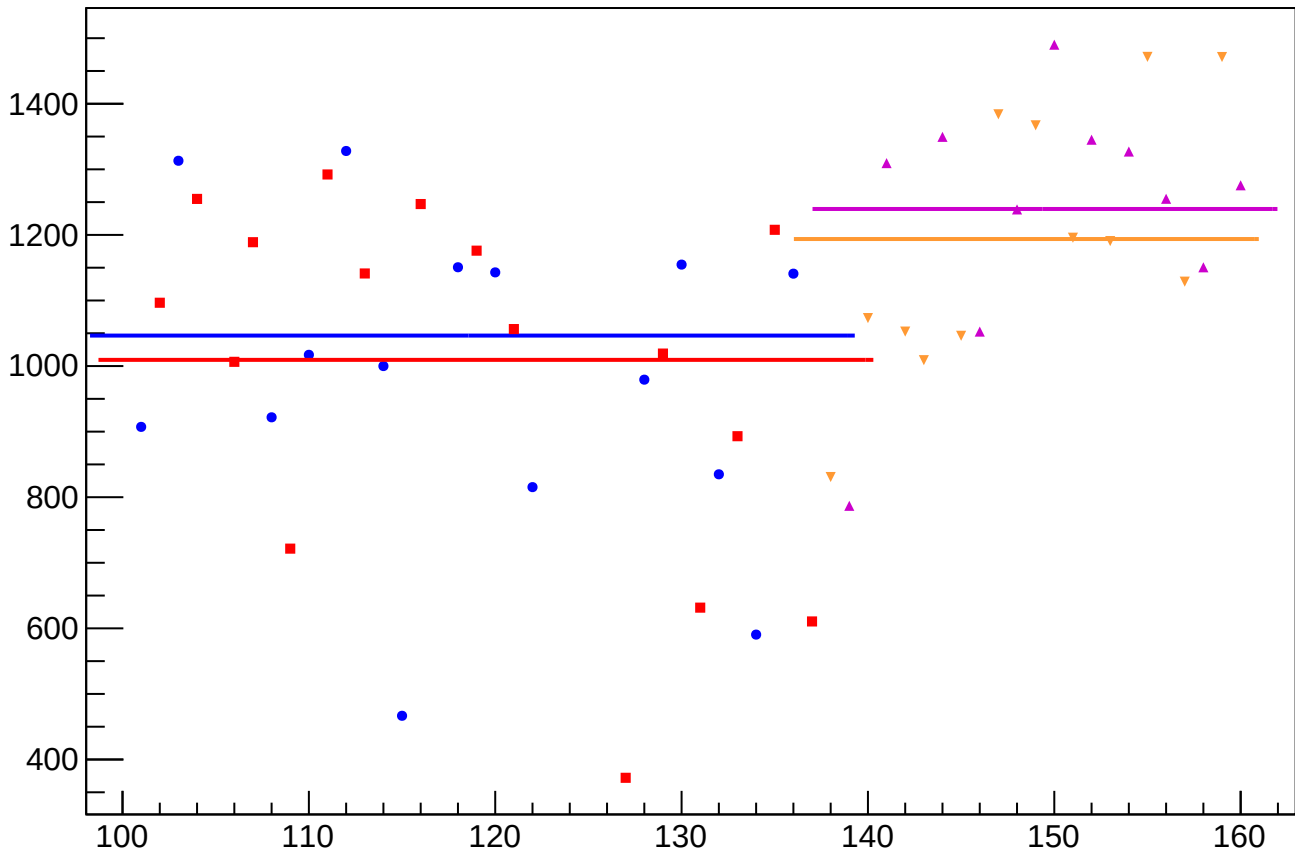
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

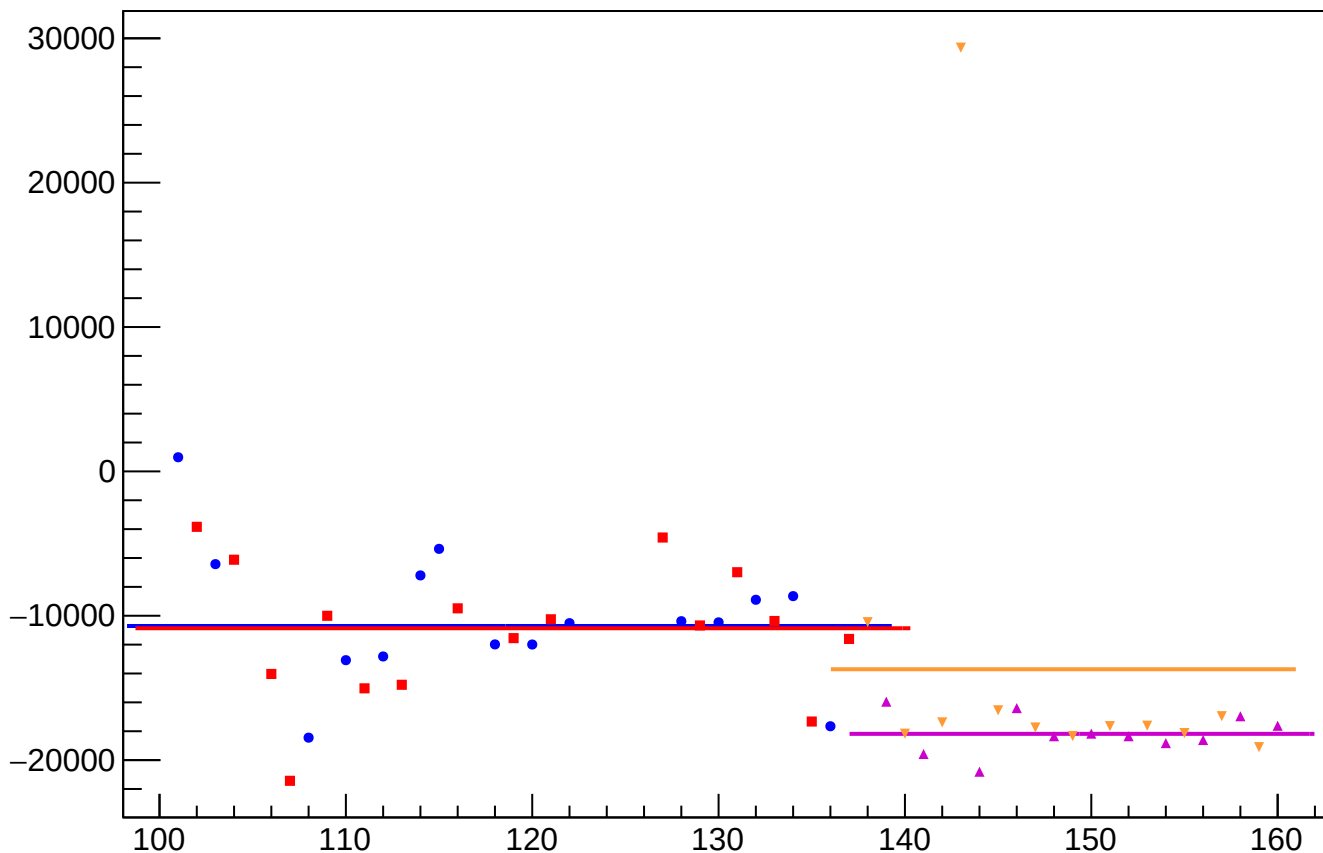
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ 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		

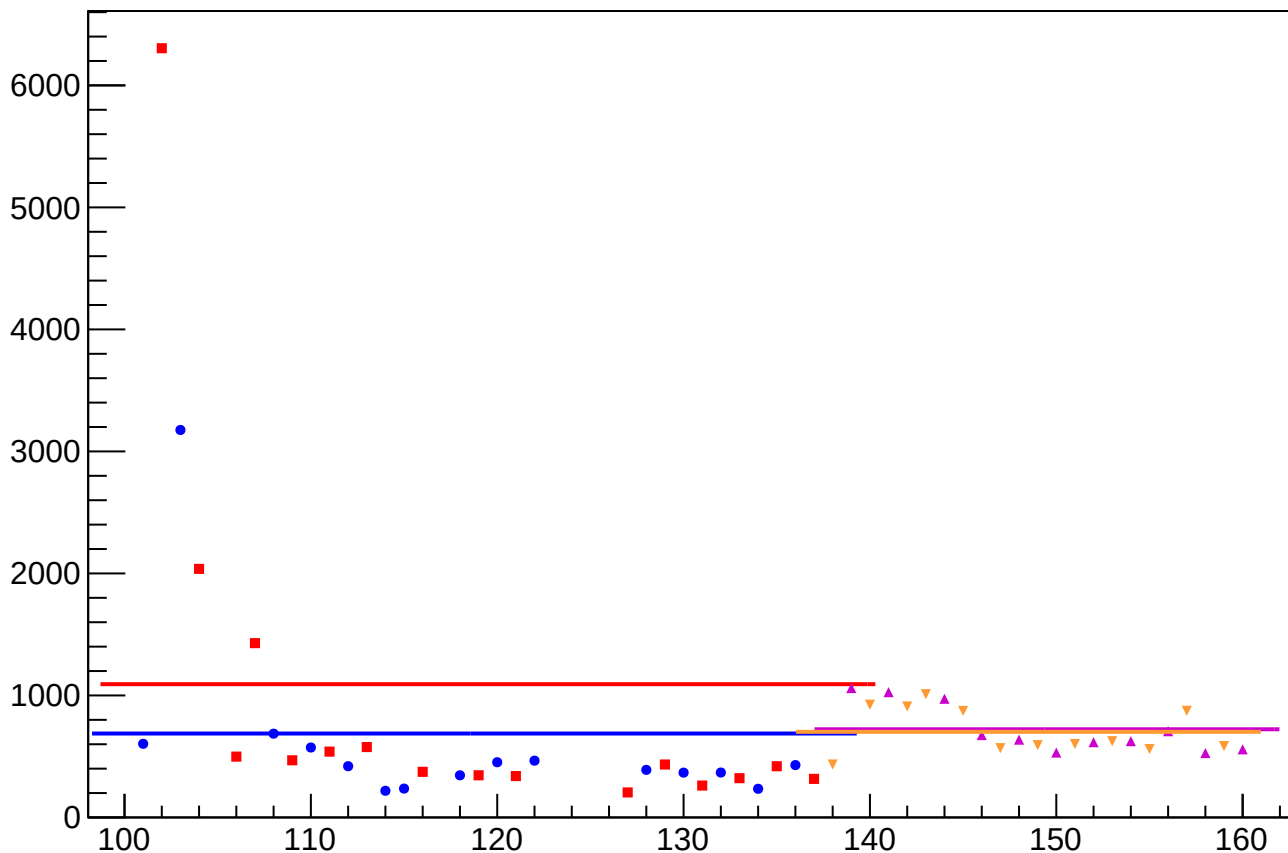
dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000	χ^2/NDF : 16945226152053511840482618402250170564608.0/14
Left Out: -13705.488+/-0.000	χ^2/NDF : 138226511026527050662319693841079709204480.0/11
Right Out: -10866.264+/-0.000	χ^2/NDF : 14234762838858382484525901644131626647552.0/15
Left In: -18181.504+/-0.000	χ^2/NDF : 1643617183572647868818914289162838343680.0/10

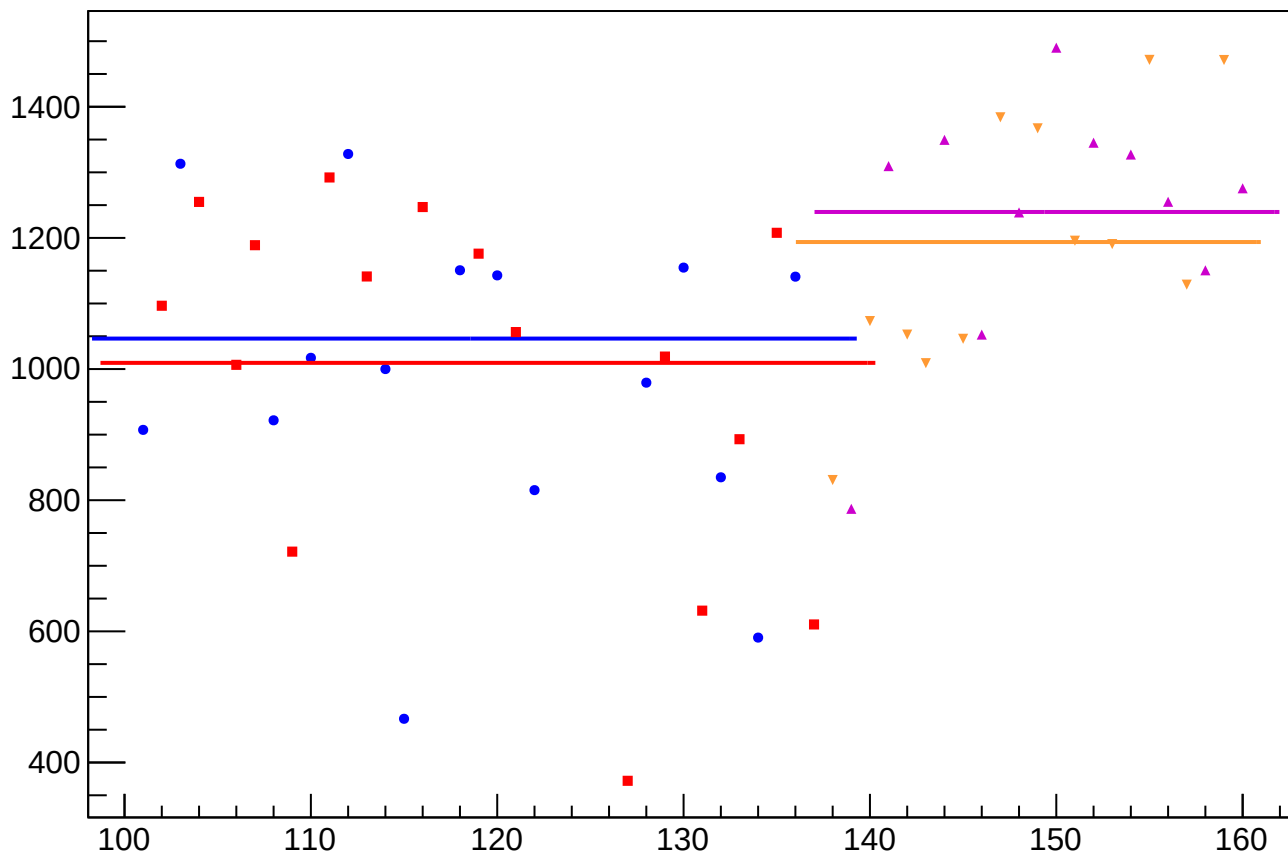
+ sign -12461.801+/-0.000 χ^2/NDF : 158576463536
 All: -13800.033+/-0.000 χ^2/NDF : 200733129
 - sign -15114.713+/-0.000 χ^2/NDF : 3660768844081

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 701.825+/-0.000 χ^2/NDF : 29011752452264624264282448573098885120.0/11
 Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

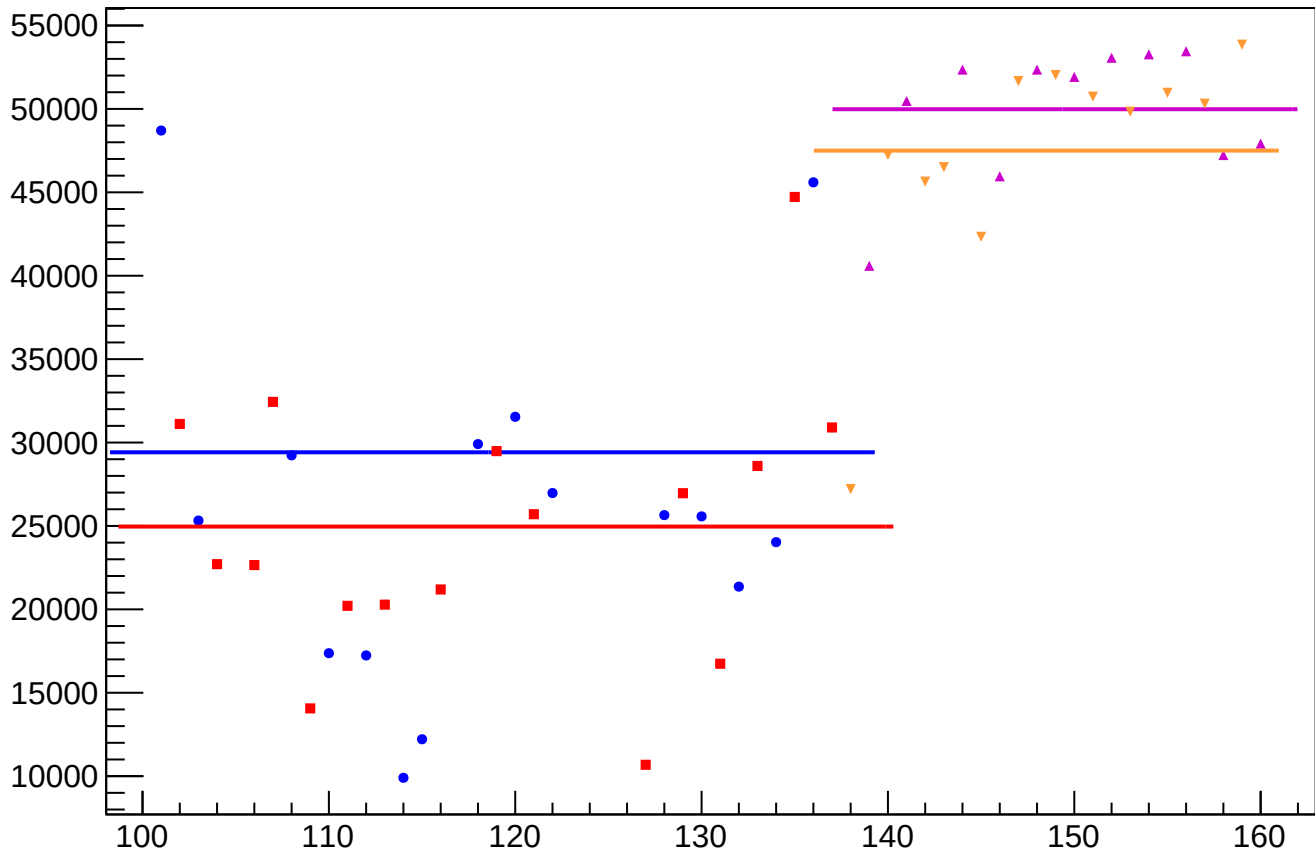
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

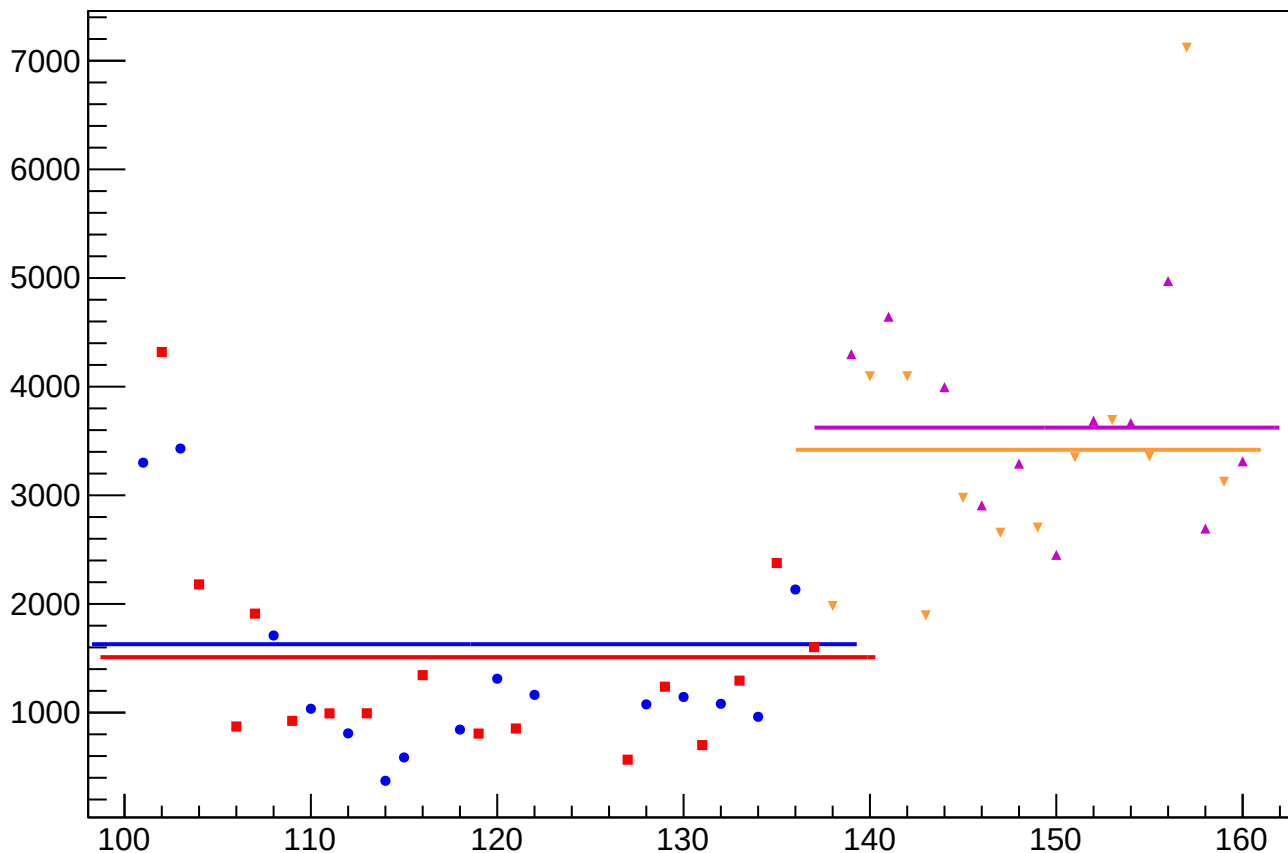
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47501.916+/-0.000	χ^2/NDF : 43591715334933801645565199836761766756352.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358
 All: 39740.450+/-0.000 χ^2/NDF : 5413093002
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

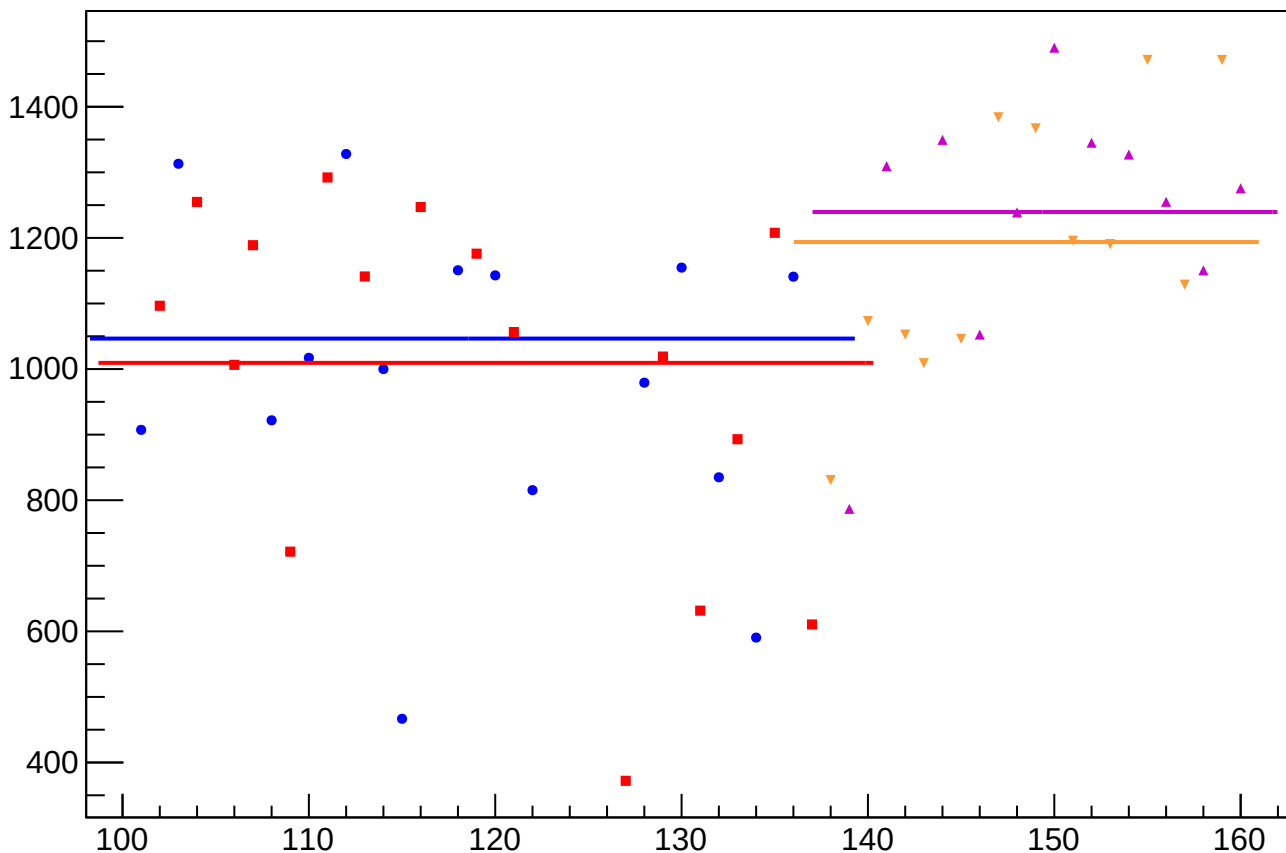
dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14
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

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

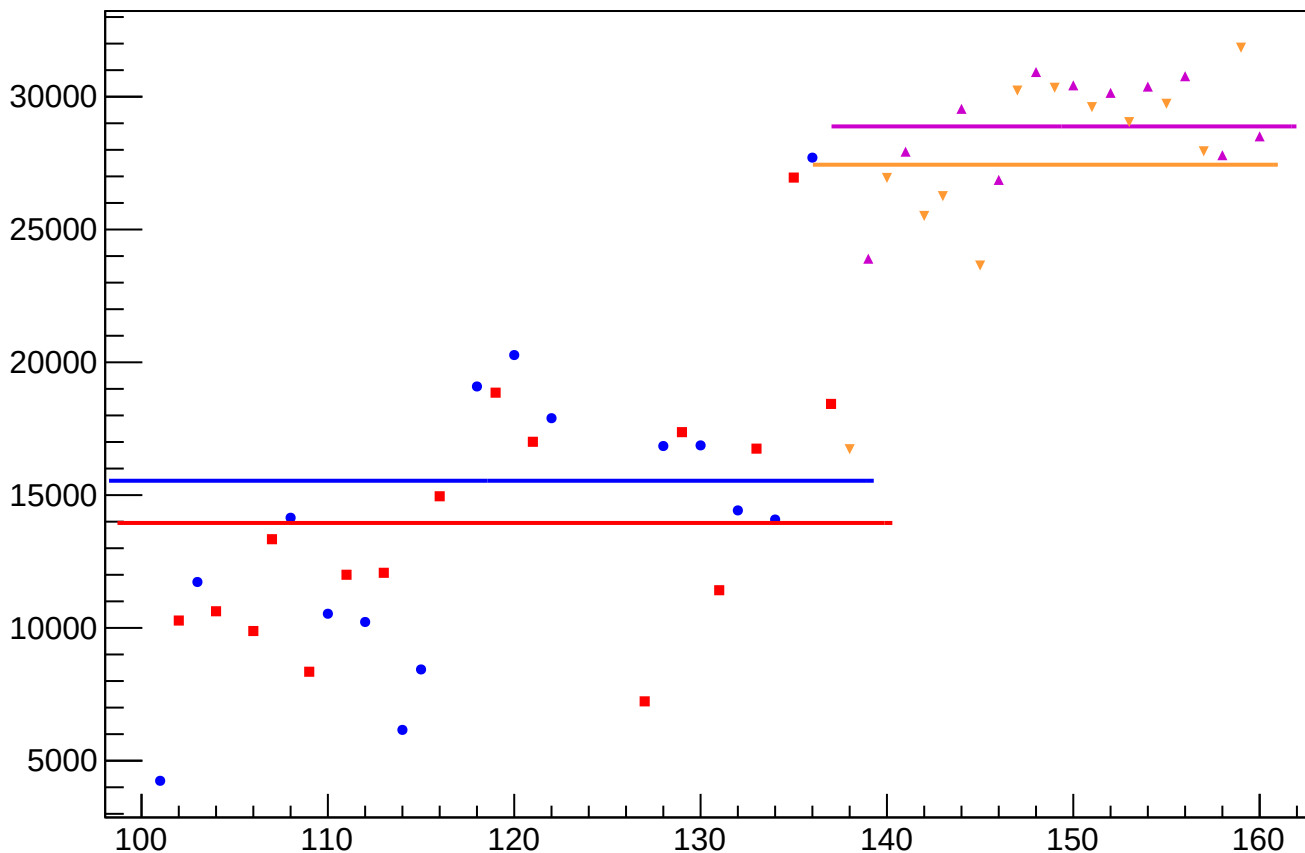
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

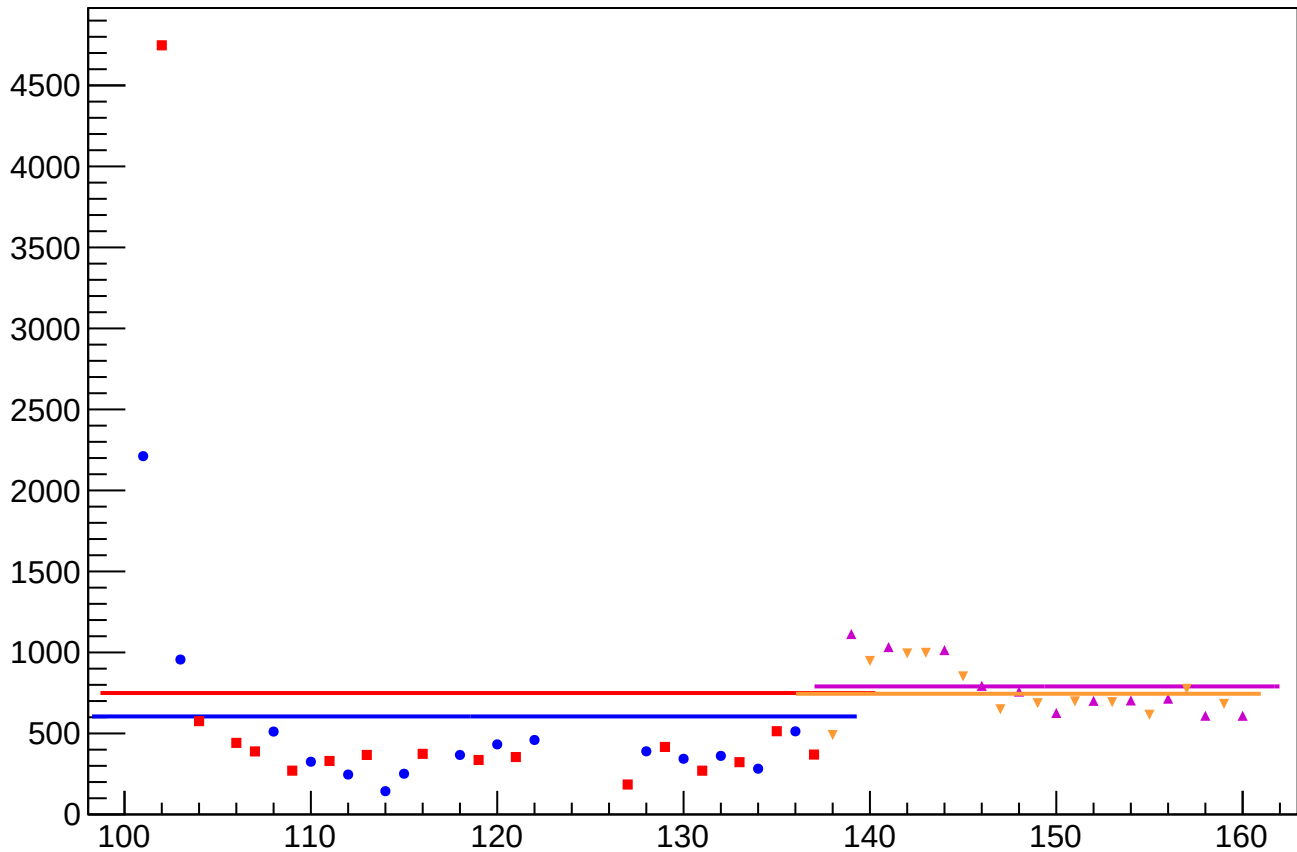
dit_atr1_coil1_mean vs Slug



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

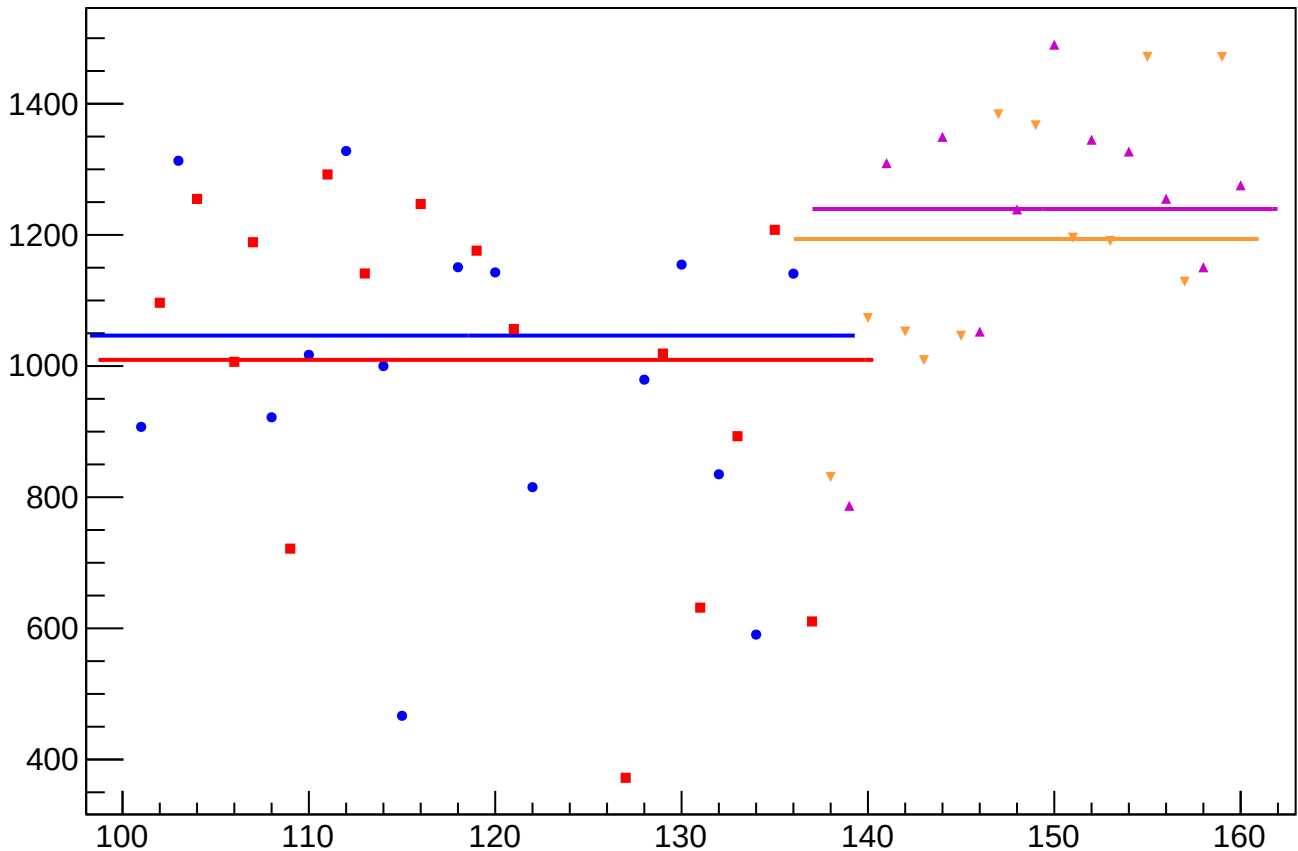
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

All: 730.430+/-0.000 χ^2/NDF : 127166116576

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

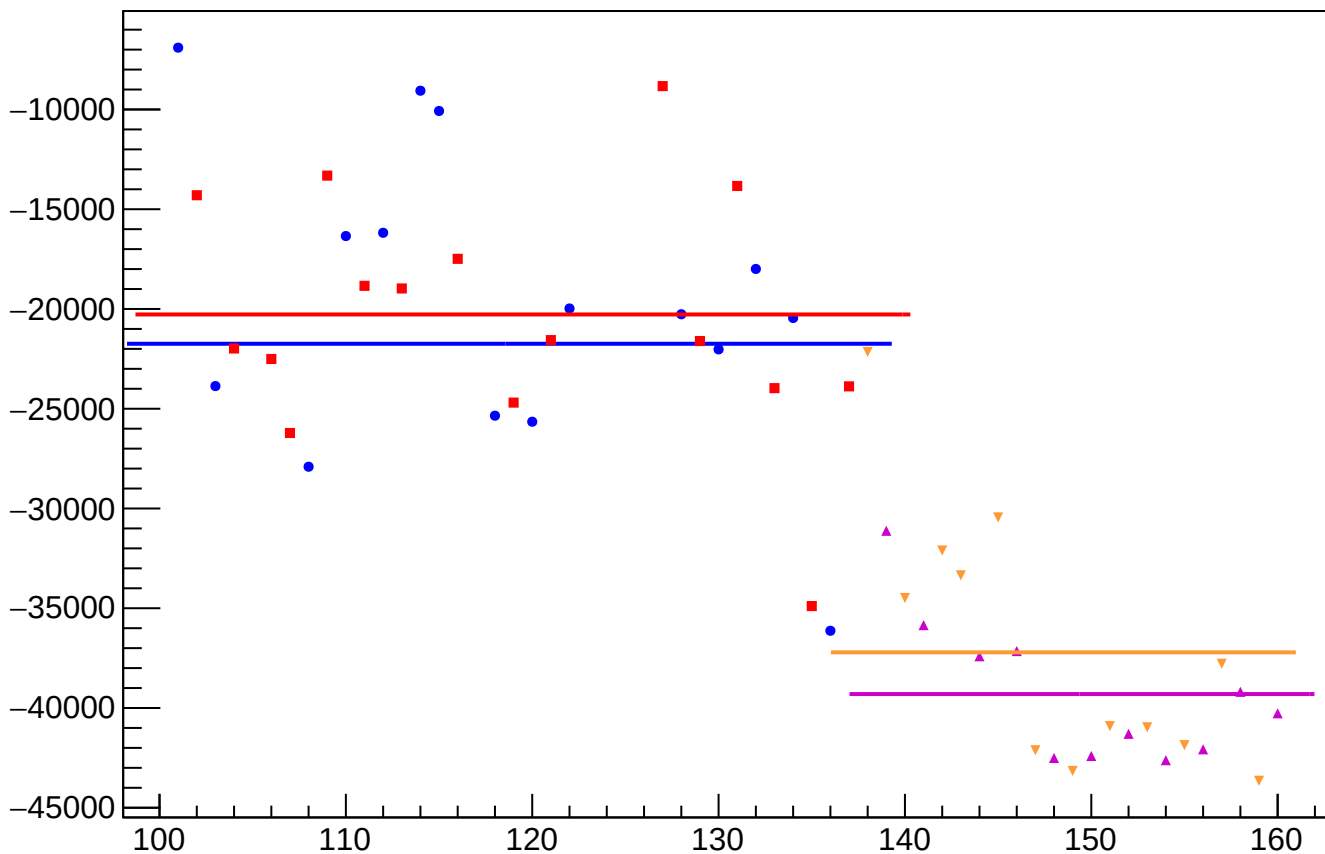
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



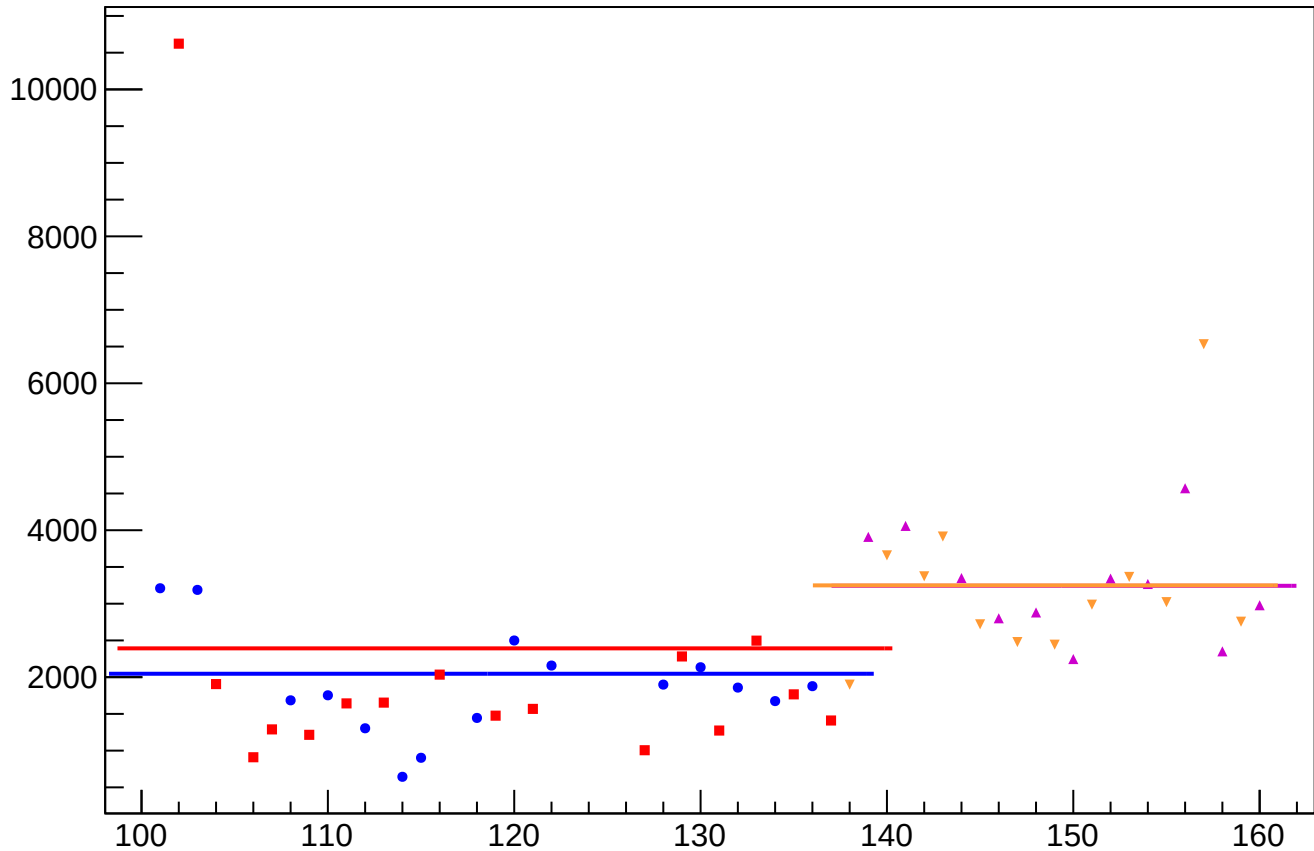
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



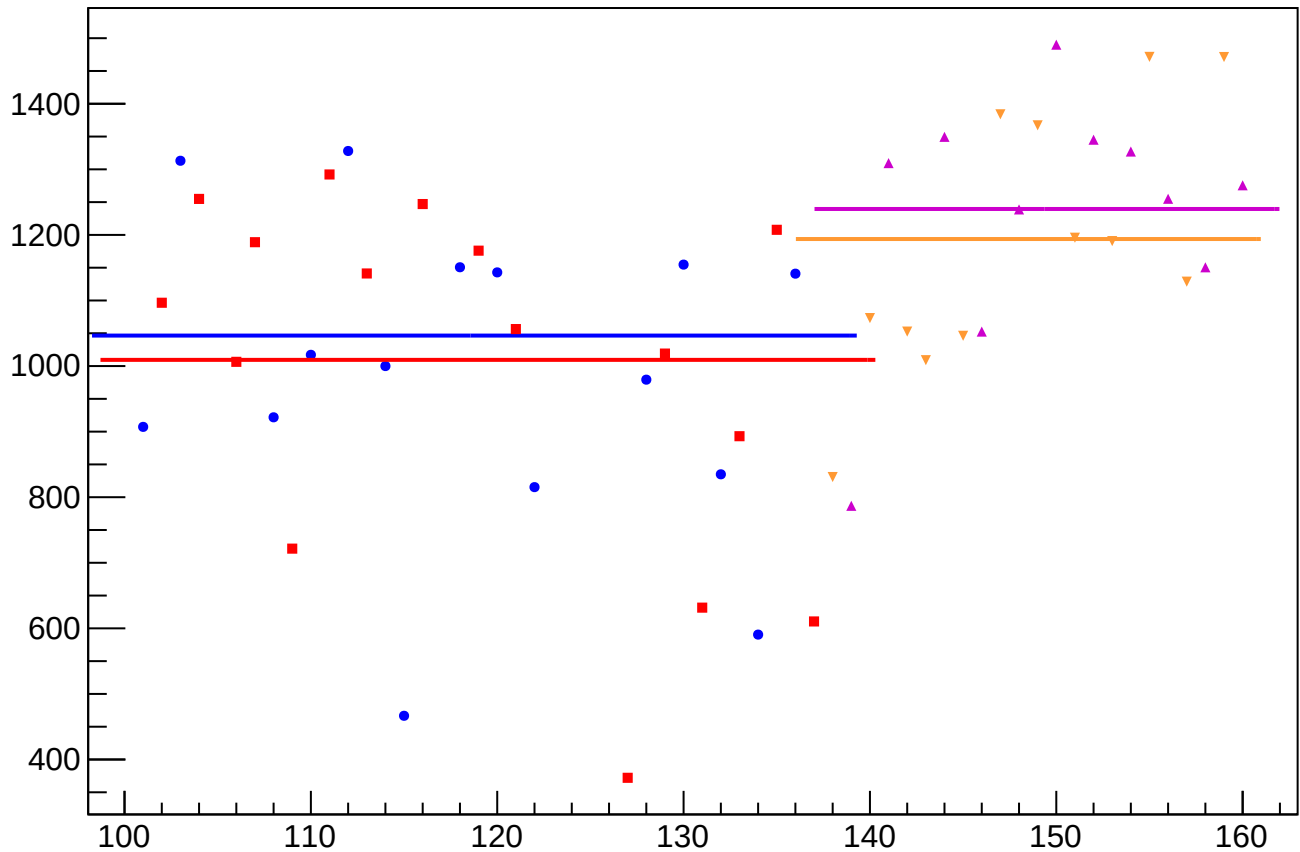
Right In: -21743.360 ± 0.000 $\chi^2/\text{NDF}: 41106858823579527325198675675398793068544.0/14$
 Left Out: -37210.761 ± 0.000 $\chi^2/\text{NDF}: 36234813568101266501920845904945520574464.0/11$
 Right Out: -20275.415 ± 0.000 $\chi^2/\text{NDF}: 25935869132092920231681532417627320745984.0/15$
 Left In: -39301.203 ± 0.000 $\chi^2/\text{NDF}: 10890557195828480655850873156116452212736.0/10$

dit_atr2_coil1_err_mean vs Slug



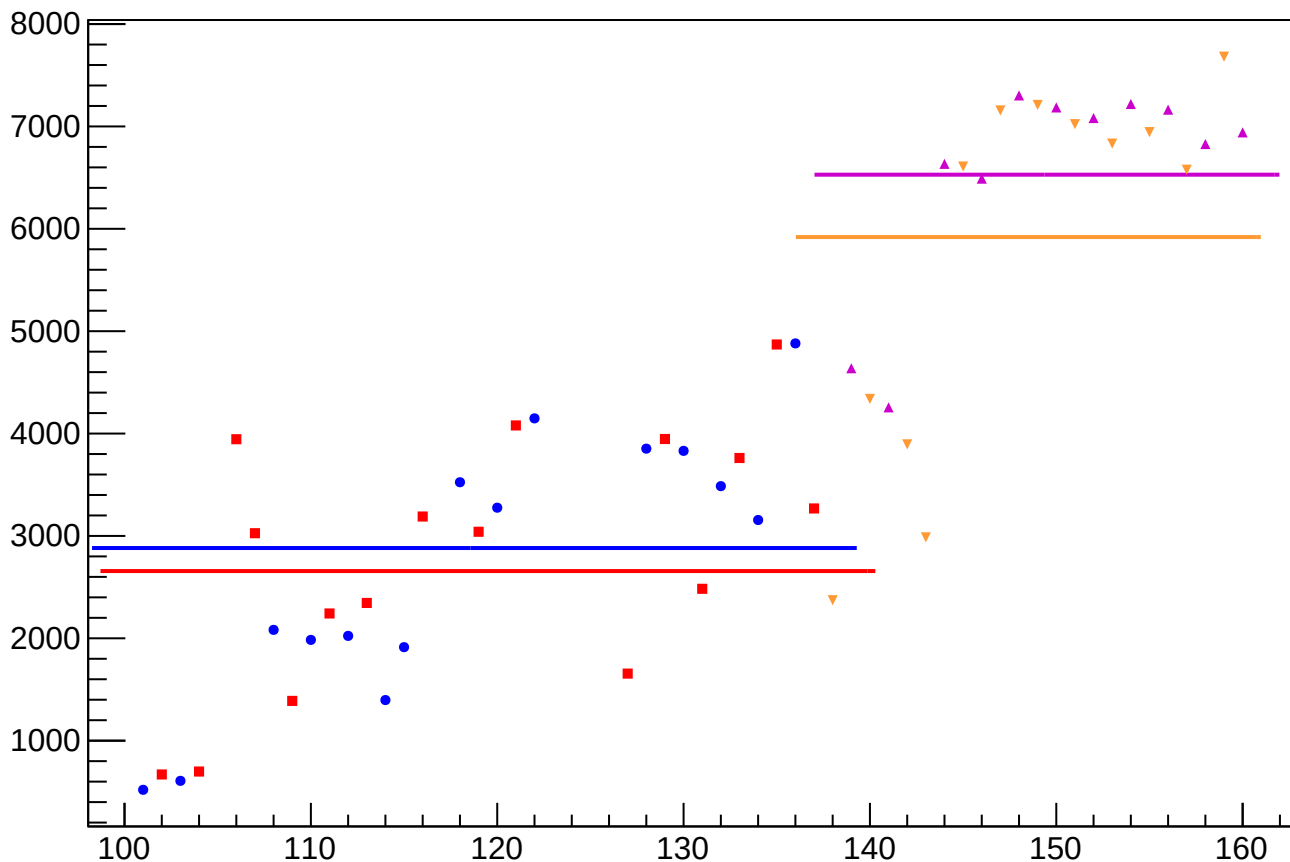
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- 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



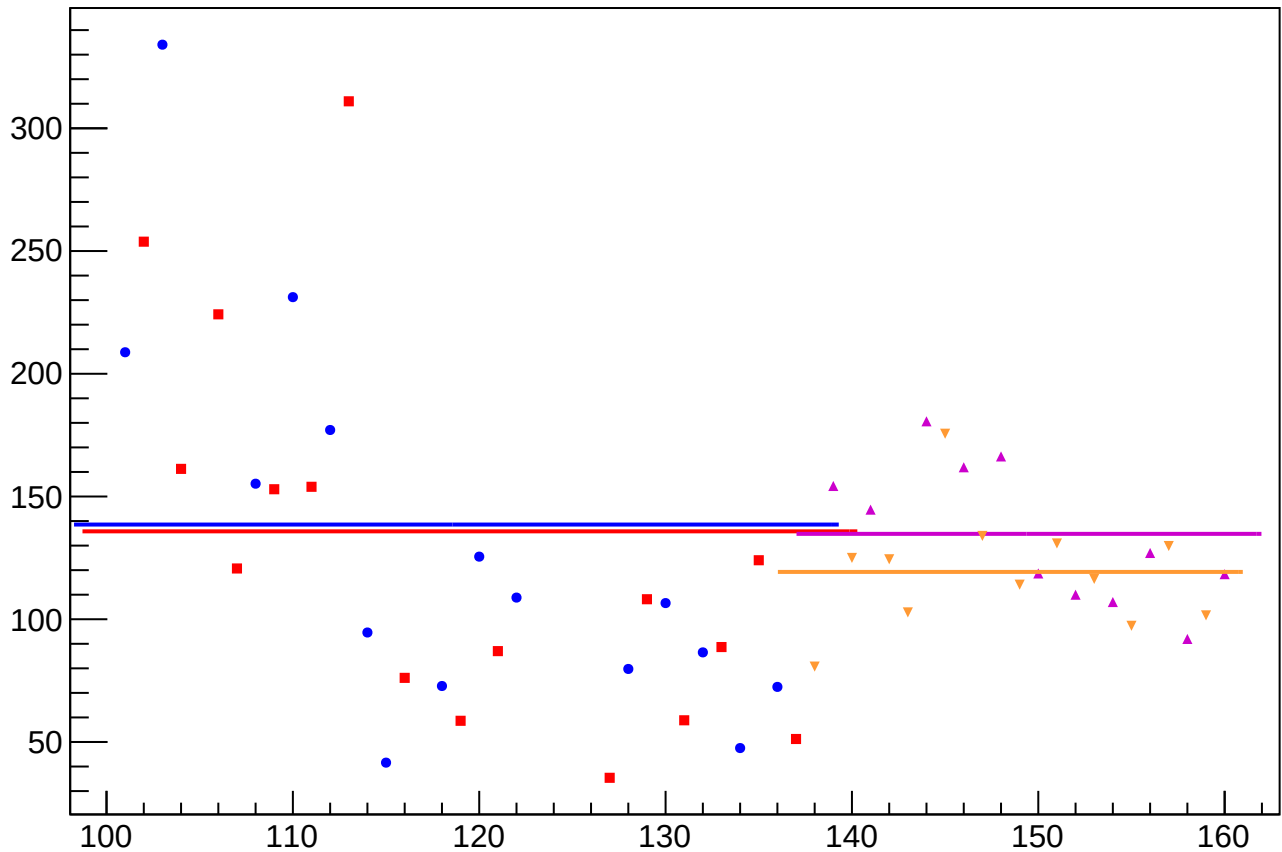
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



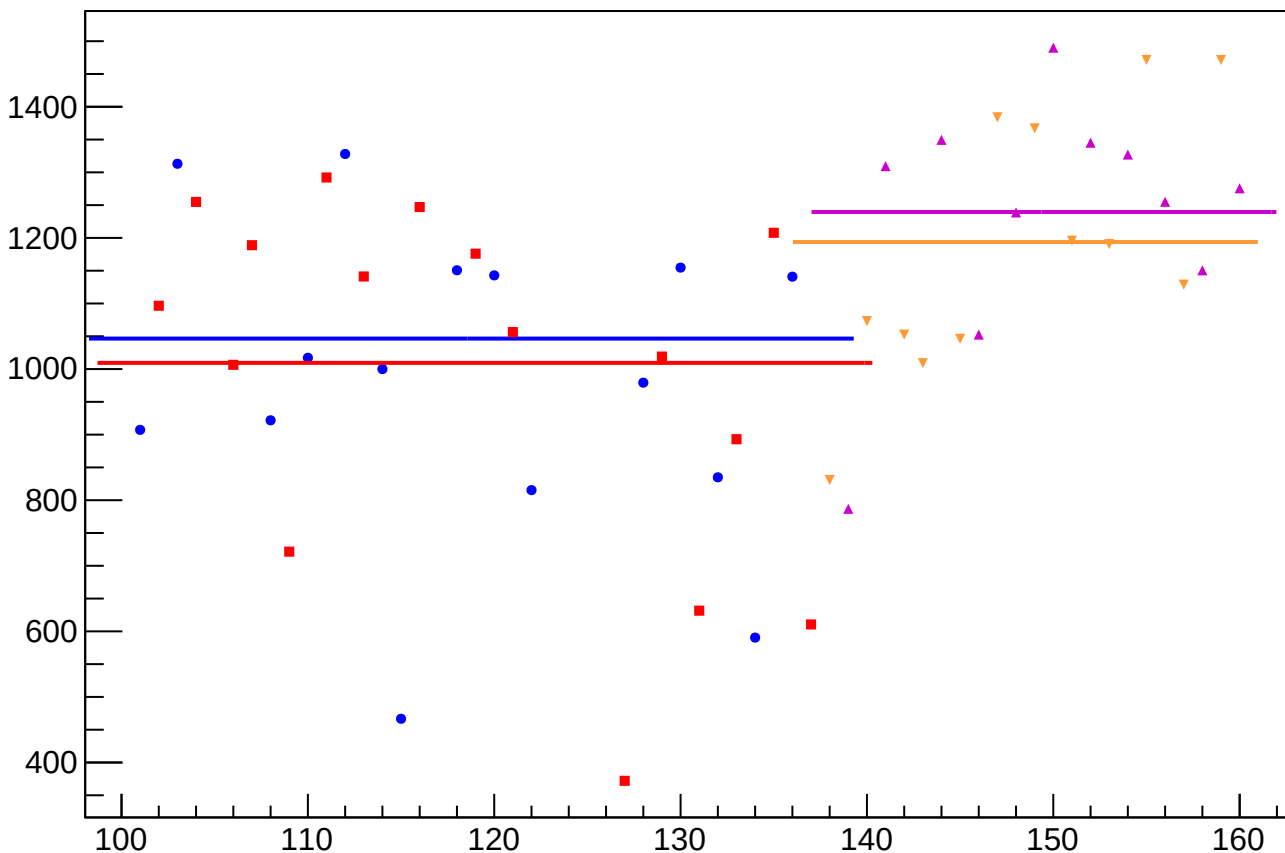
Right In: 2881.935+/-0.000	χ^2/NDF : 1320319391496525533692082365878834823168.0/14	+ sign 4658.227+/-0.000	χ^2/NDF : 76011498429136
Left Out: 5919.511+/-0.000	χ^2/NDF : 2779072700024845827027981240176985767936.0/11	All: 4782.966+/-0.000	χ^2/NDF : 1547458955
Right Out: 2656.918+/-0.000	χ^2/NDF : 1077696846216053561130716877125509447680.0/15	- sign 4905.510+/-0.000	χ^2/NDF : 78252276547187
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
 Left Out: 119.282+/-0.000 χ^2/NDF : 487845779395217879153815293985292288.0/11
 Right Out: 135.809+/-0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15
 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

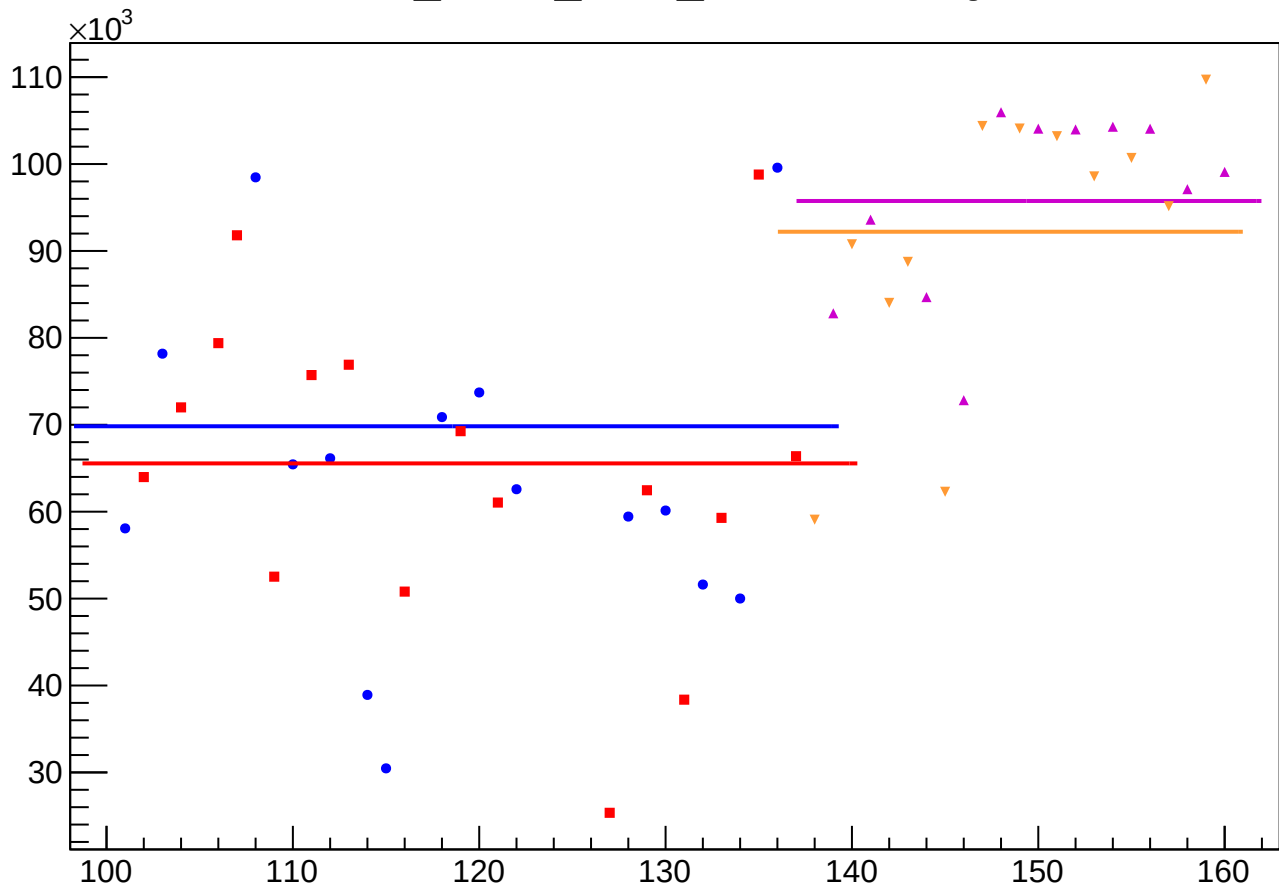
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

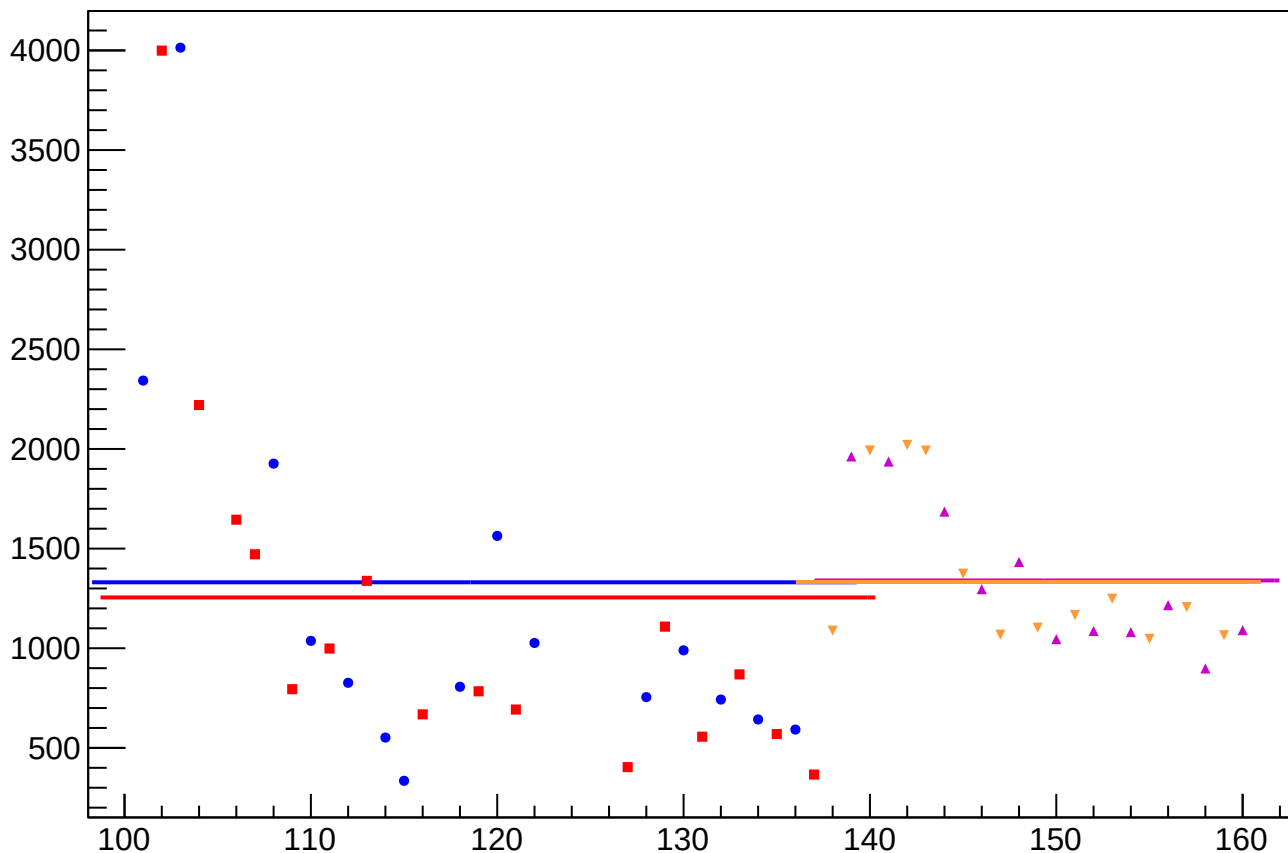
dit_sam2_coil1_mean vs Slug



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

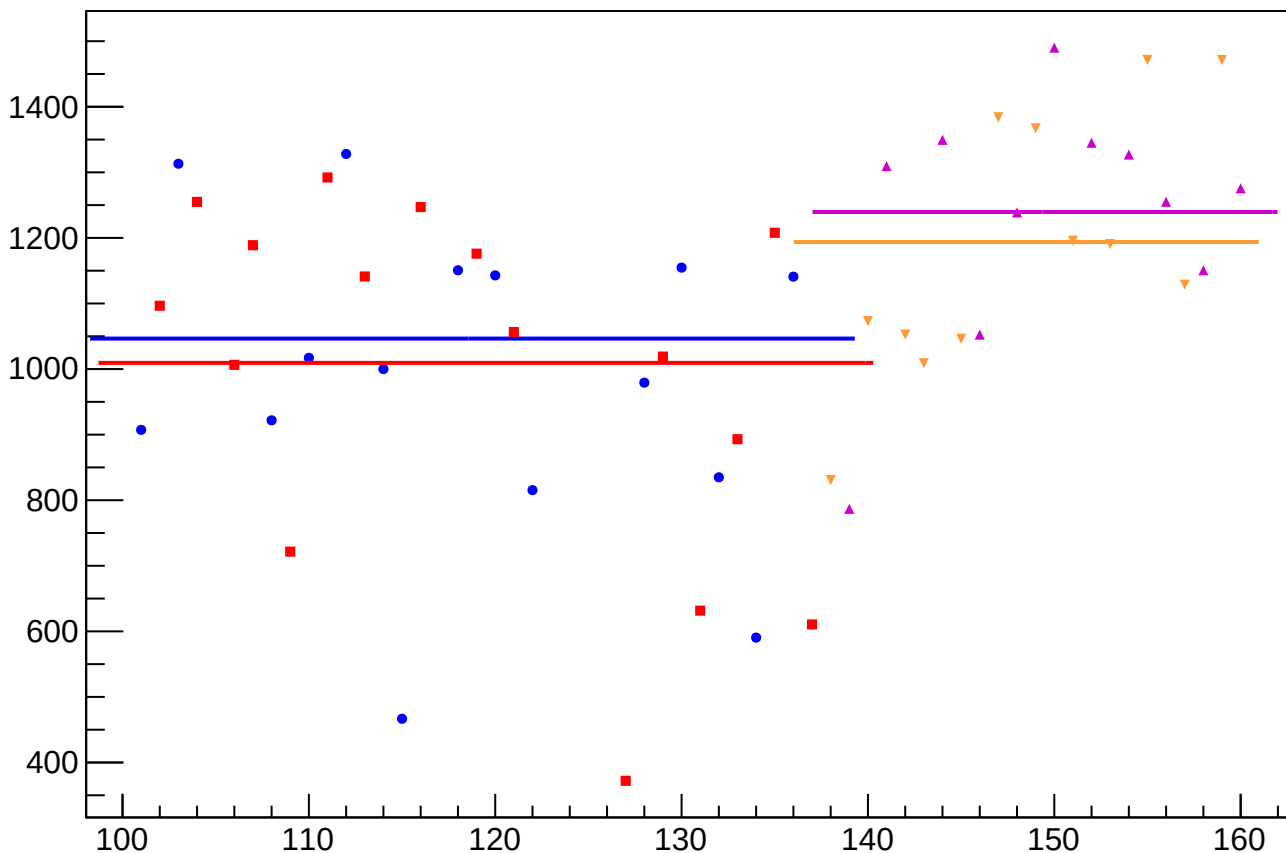
Left In: 1340.185 +/- 0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

+ sign 1331.958 +/- 0.000 χ^2/NDF : 76697117094463

- sign 1304.419 +/- 0.000 χ^2/NDF : 74916446361161

All: 1318.066 +/- 0.000 χ^2/NDF : 15167335846

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

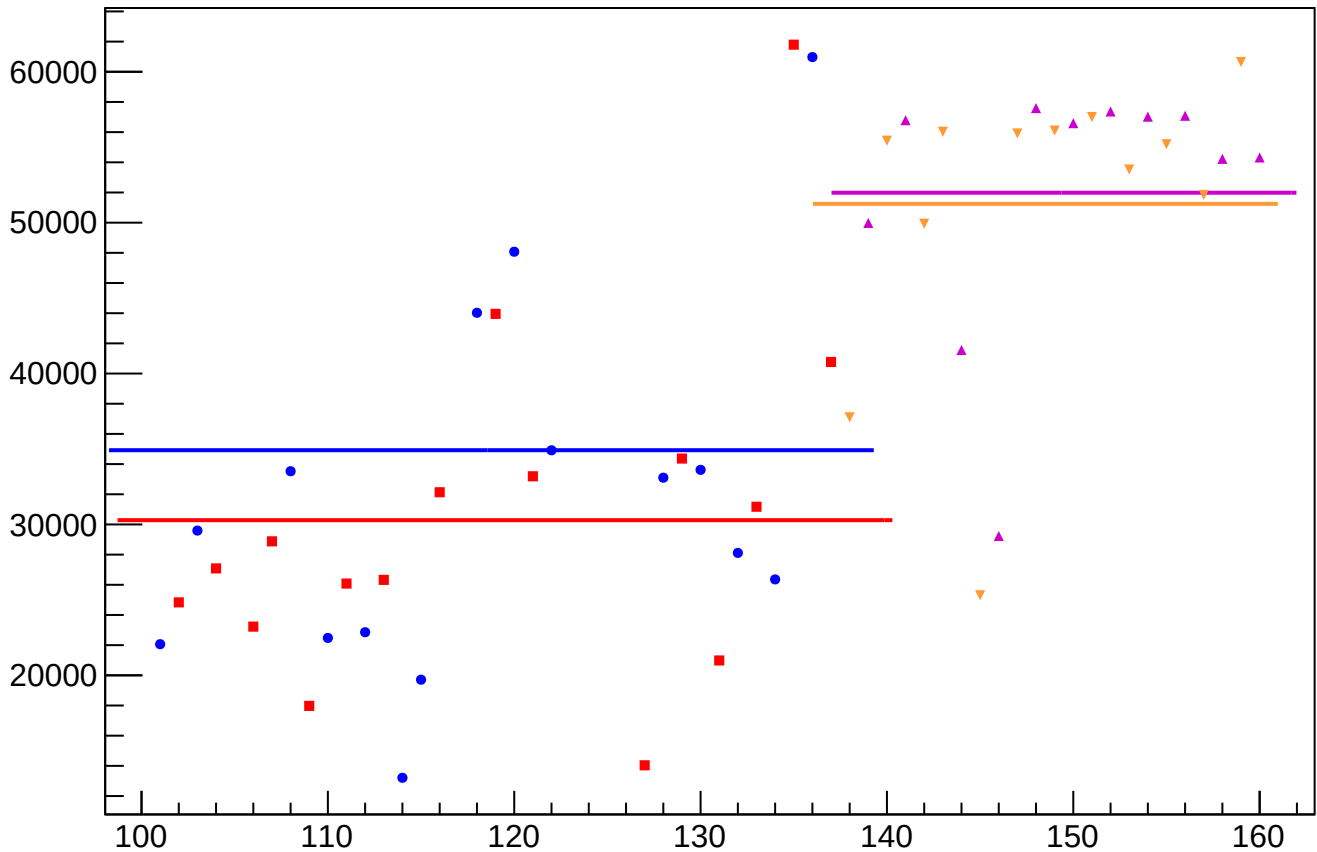
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

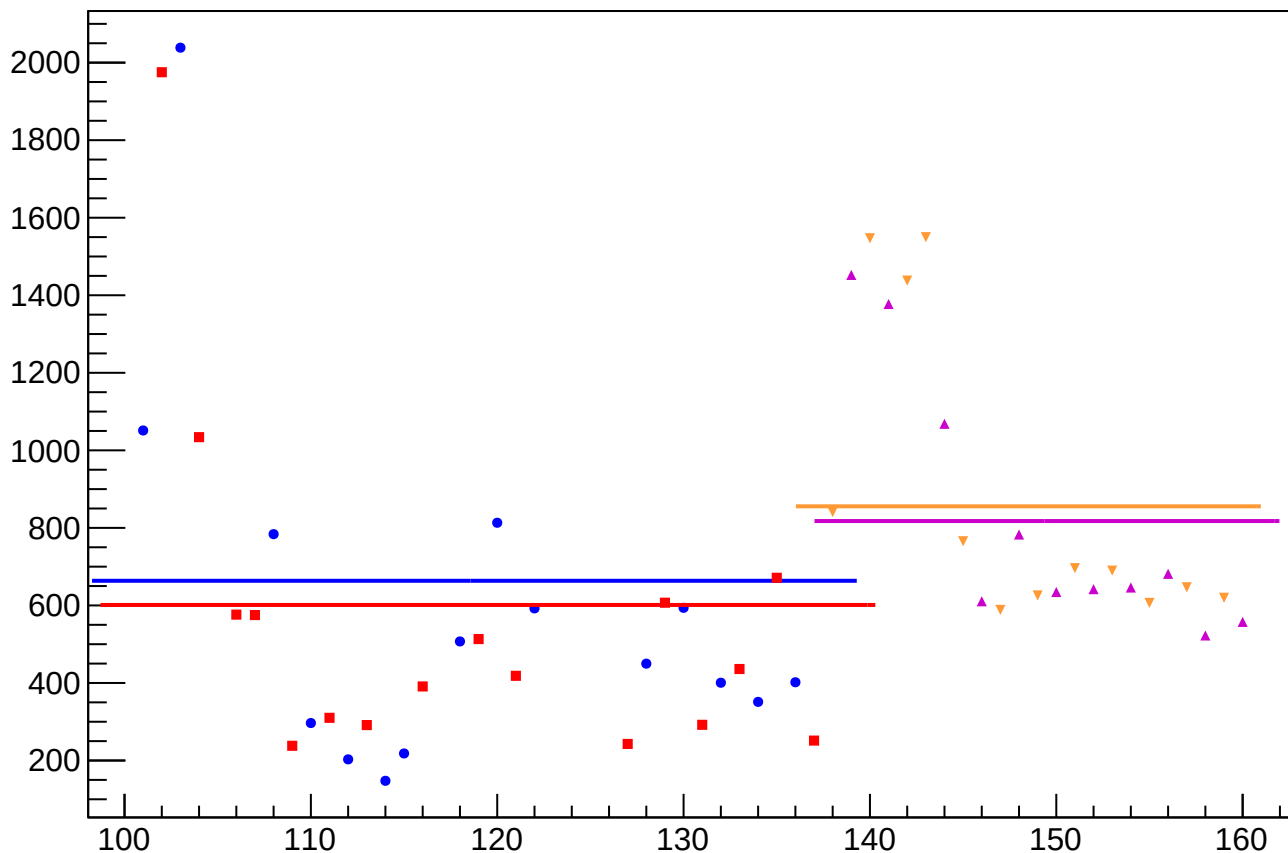
dit_sam3_coil1_mean vs Slug



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

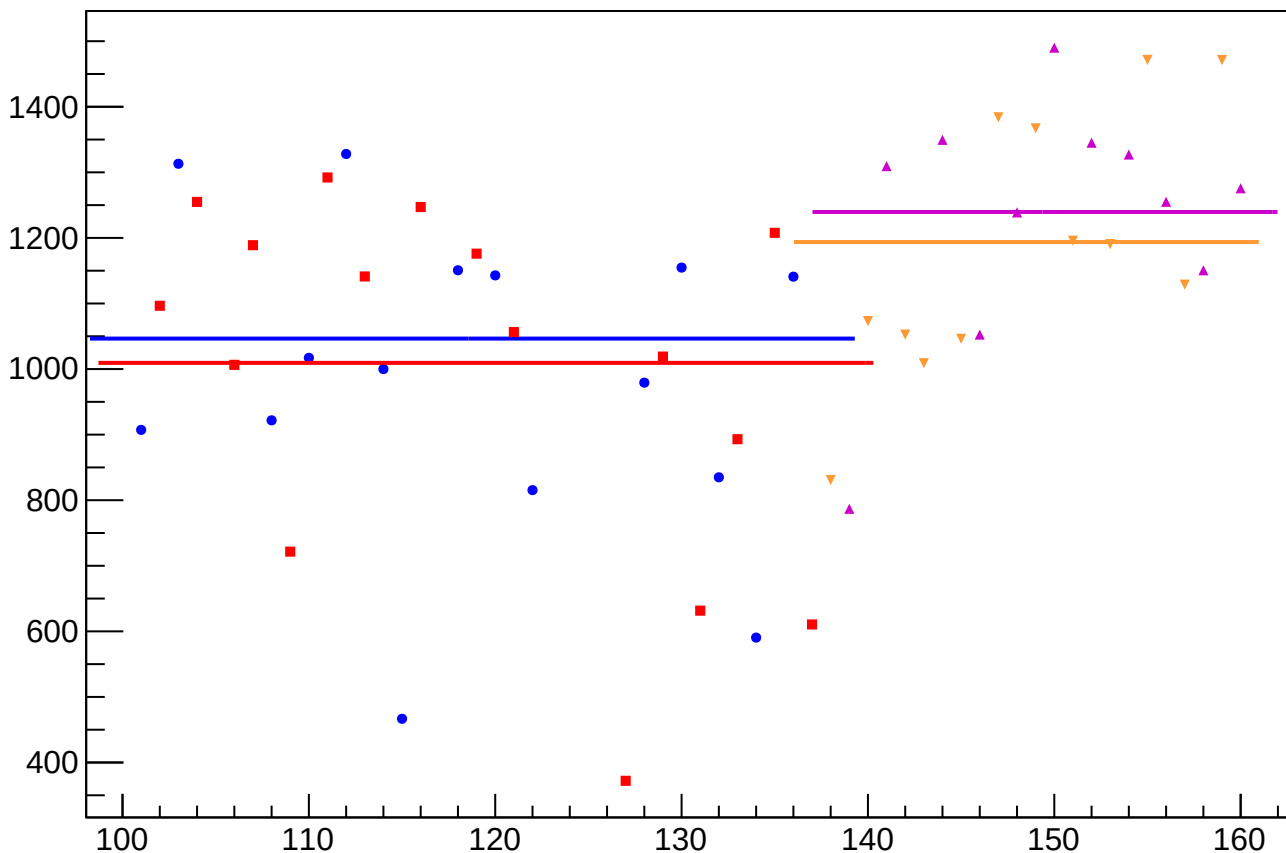
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

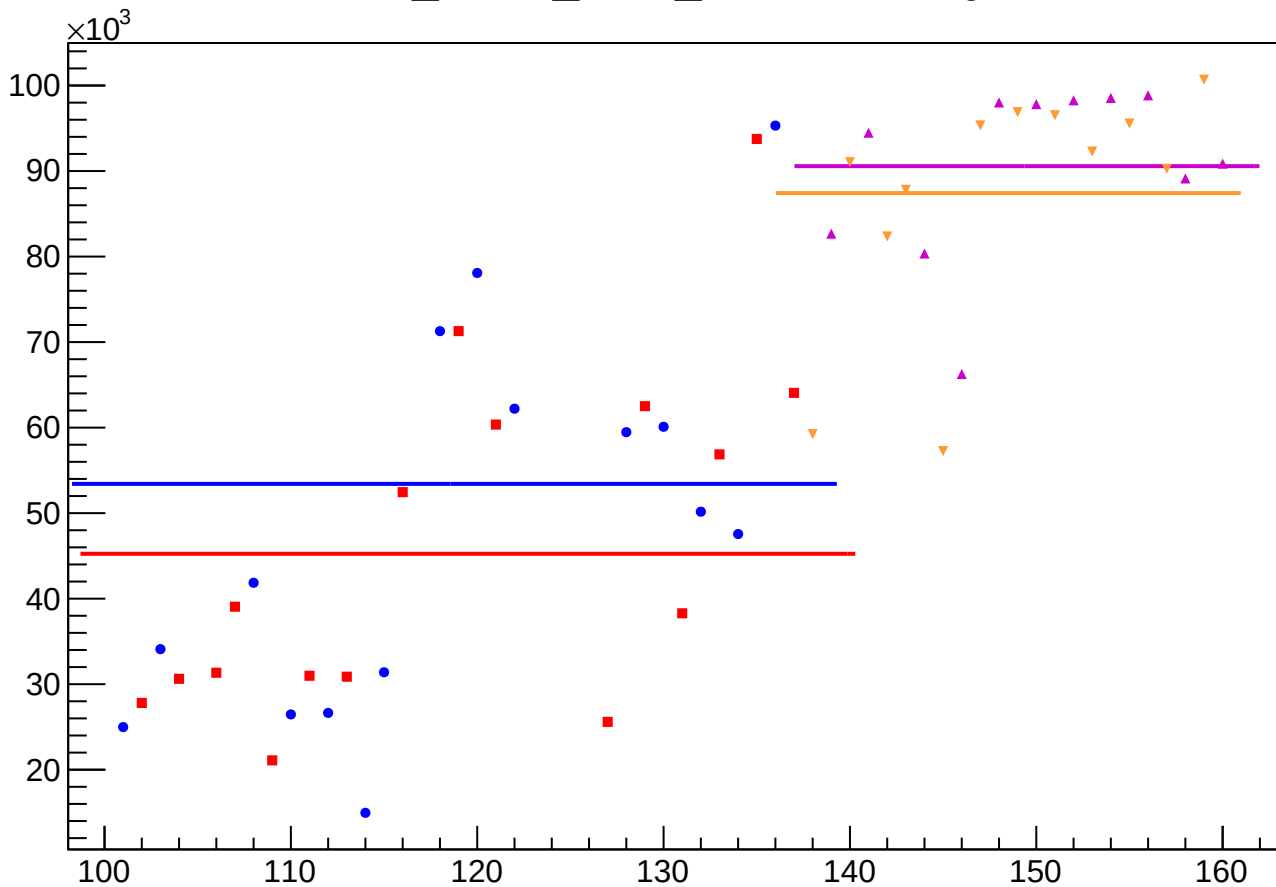
All: 751.182+/-0.000 χ^2/NDF : 546770040595

- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug

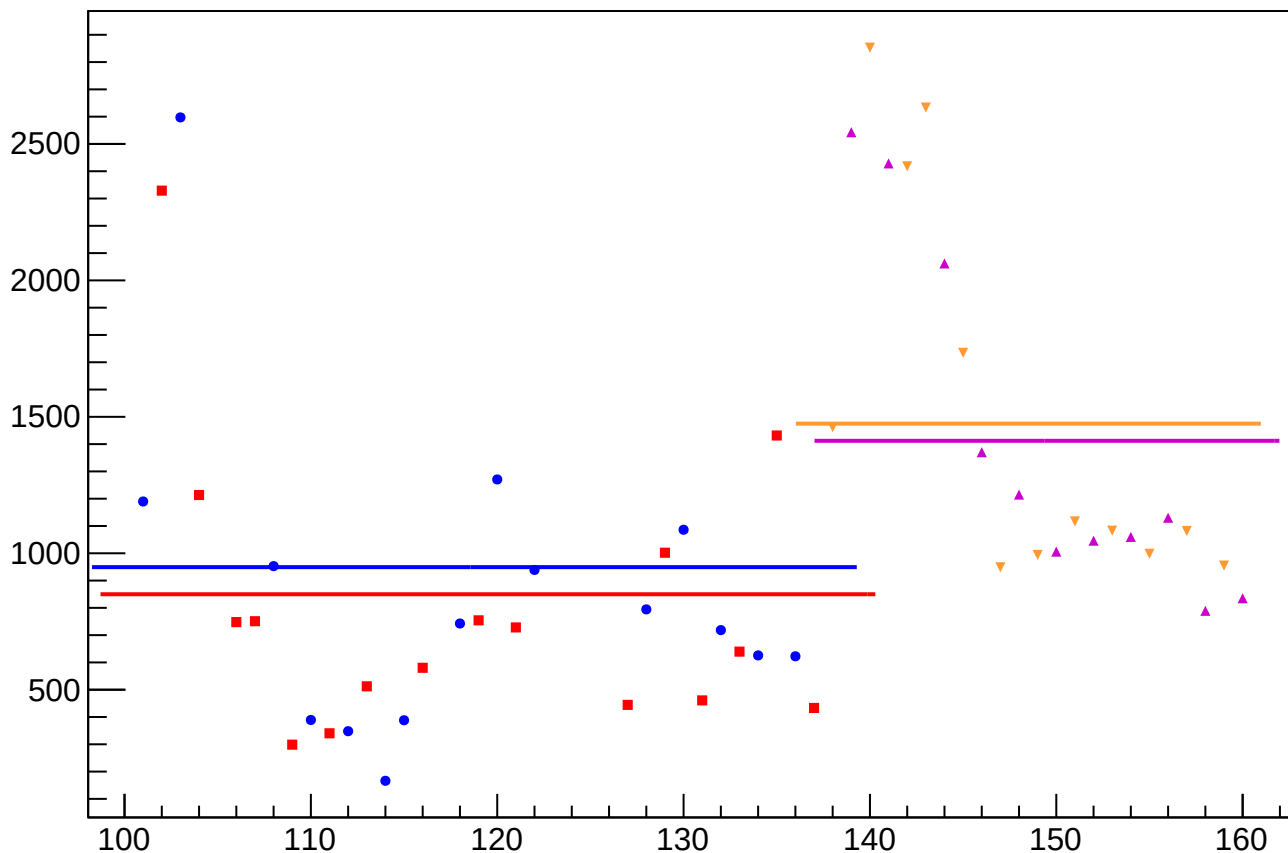


dit_sam4_coil1_mean vs Slug



Right In: 53422.452 $\pm$ 0.000 χ^2 /NDF: 360635757315133800133751123167777346551808.0/14
 Left Out: 87421.965 $\pm$ 0.000 χ^2 /NDF: 176009447933973172298765808269588074332160.0/11
 Right Out: 45247.617 $\pm$ 0.000 χ^2 /NDF: 286060196488034430215784613374055547928576.0/15
 Left In: 90573.760 $\pm$ 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

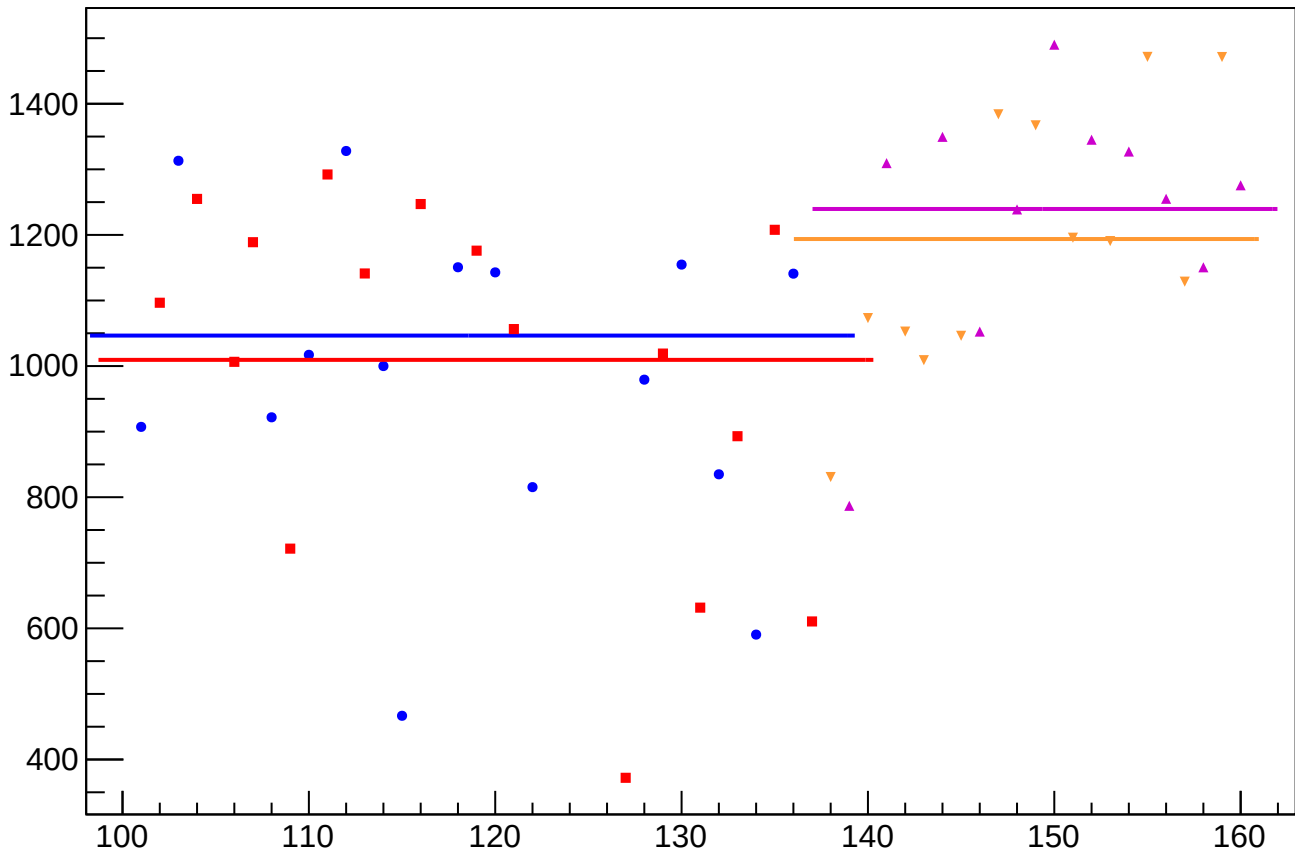
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210

All: 1216.192+/-0.000 χ^2/NDF : 14031243171

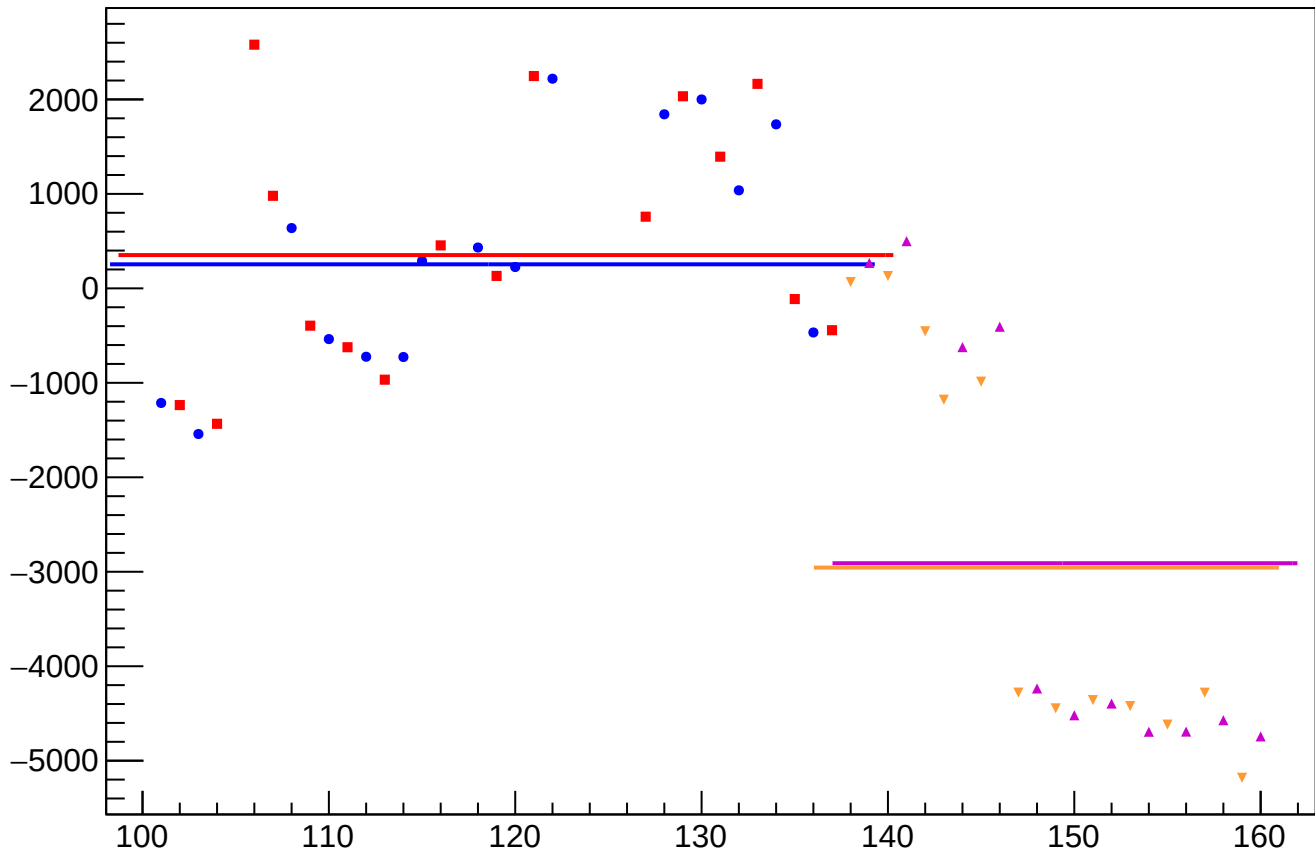
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



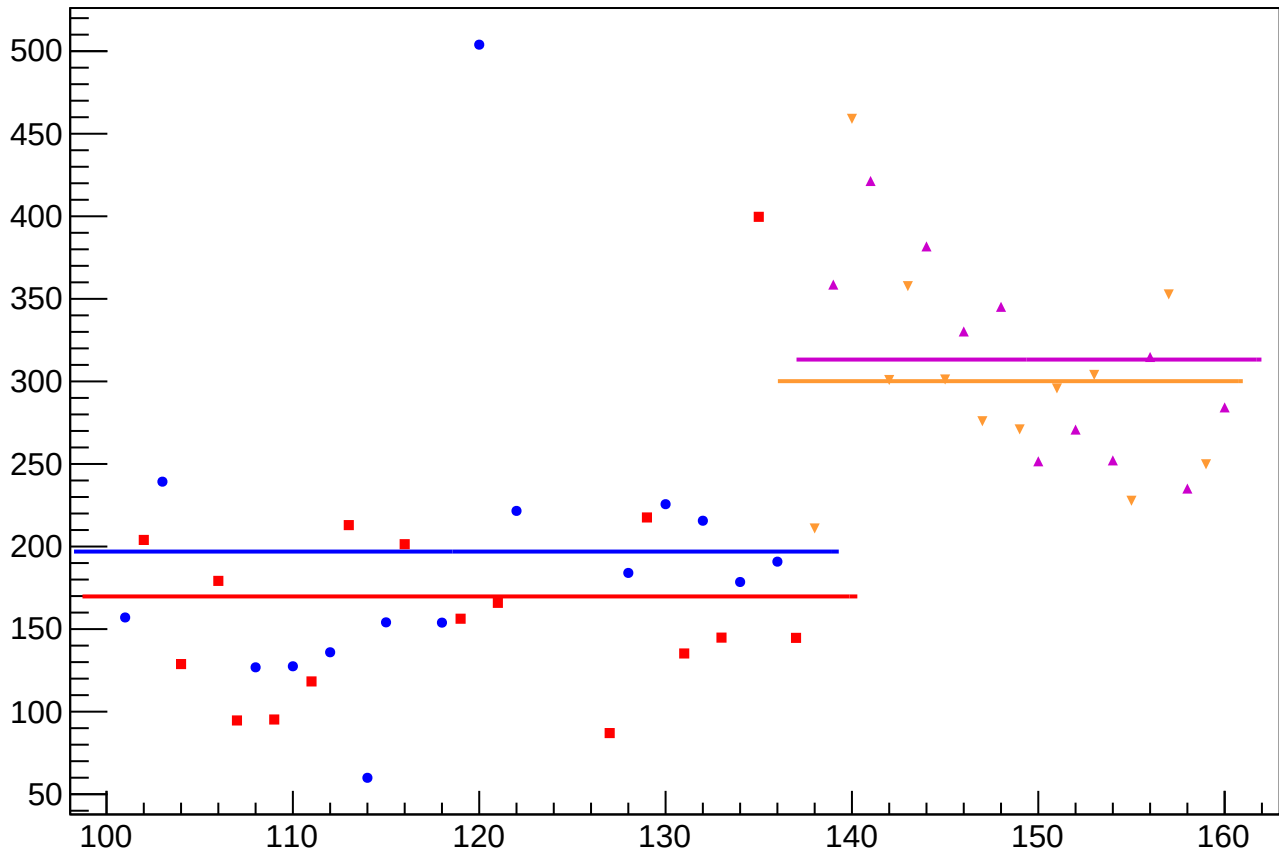
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



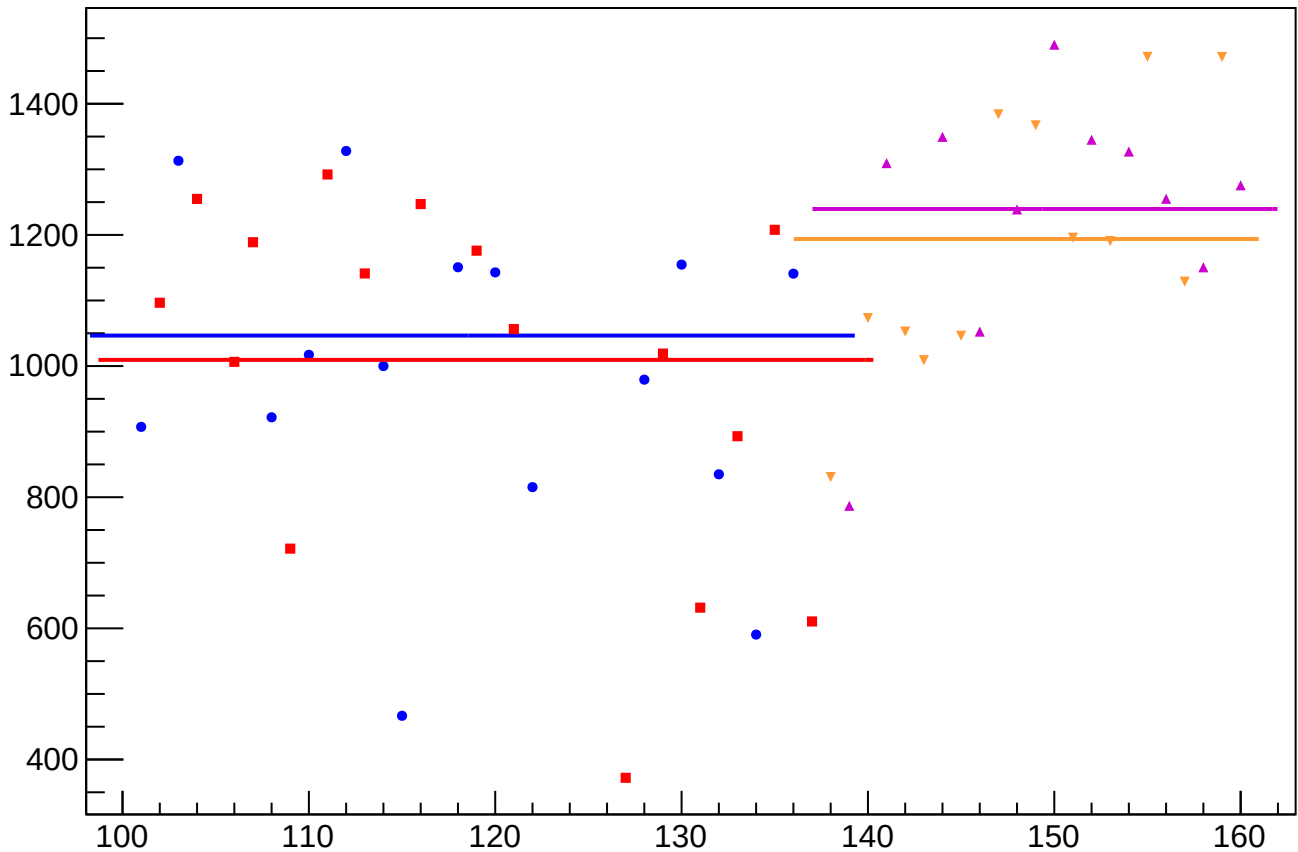
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997+/-0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



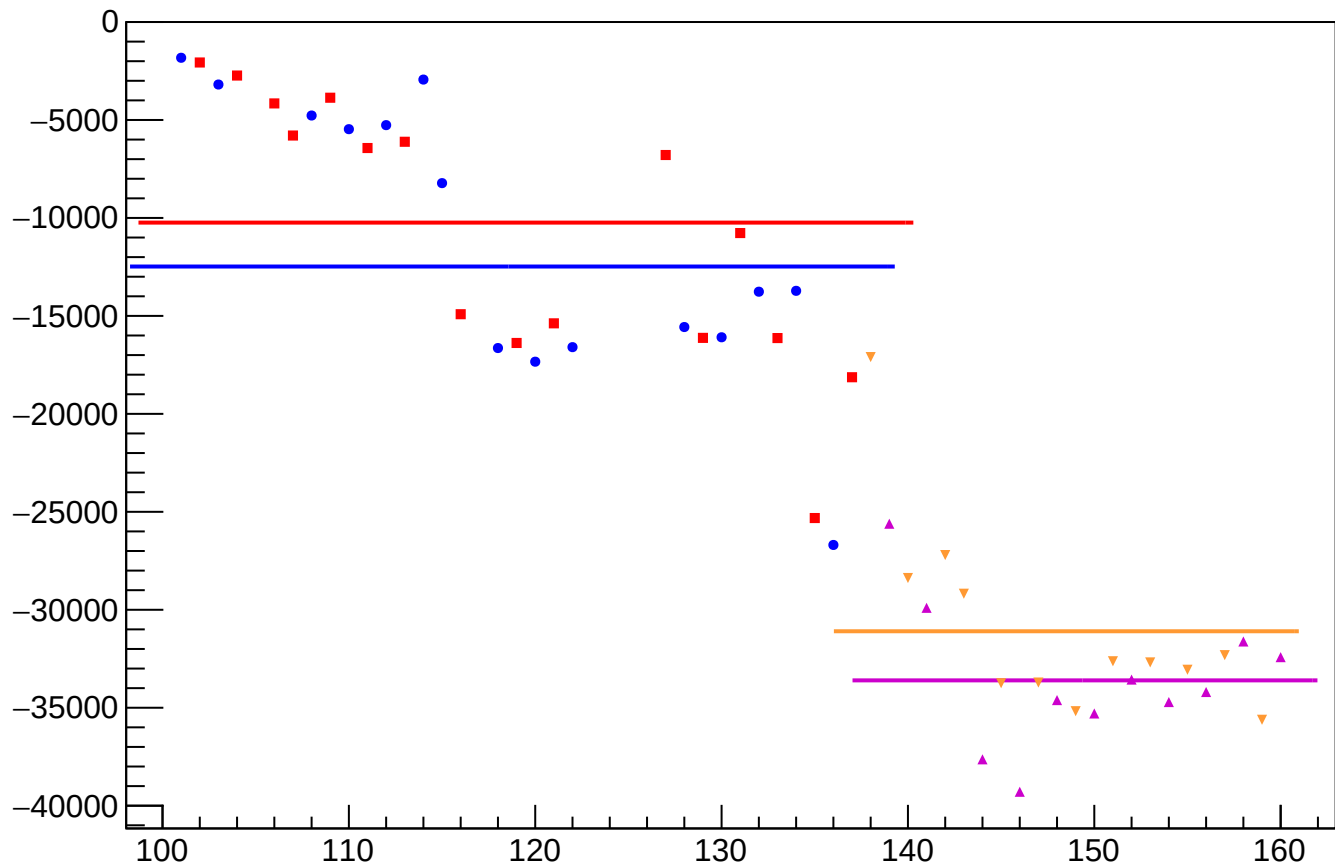
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.303+/-0.000	χ^2/NDF : 124000774019819
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11	All: 255.177+/-0.000	χ^2/NDF : 273569793225
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 253.089+/-0.000	χ^2/NDF : 149429007533601
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10		

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



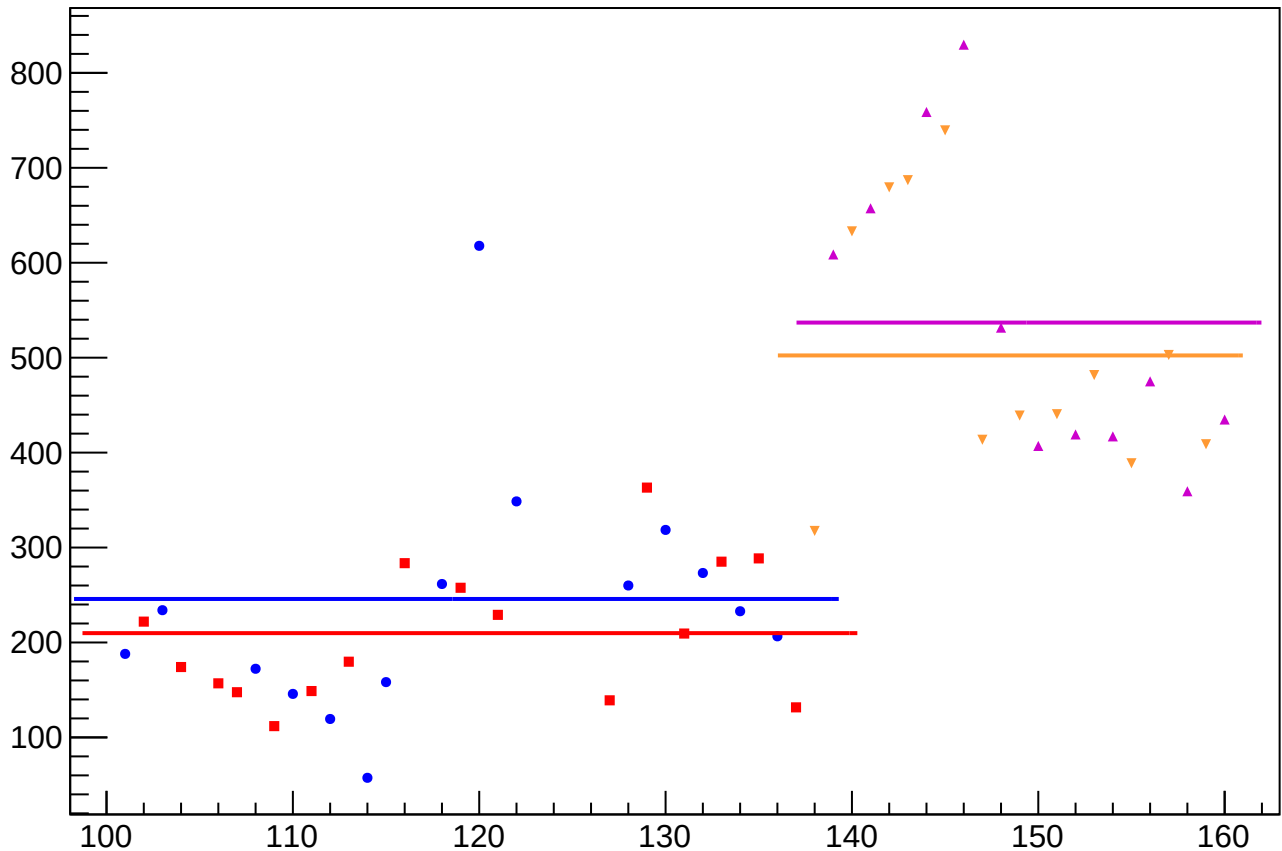
Right In: -12479.653+/-0.000	χ^2/NDF : 41178633231253805317353333973475271901184.0/14
Left Out: -31096.364+/-0.000	χ^2/NDF : 21759430970673179273891990313759368282112.0/11
Right Out: -10238.098+/-0.000	χ^2/NDF : 31227861126159534031961501923223718068224.0/15
Left In: -33603.125+/-0.000	χ^2/NDF : 11377877741280377988076632069746943066112.0/10

+ sign -23366.201+/-0.000 χ^2/NDF : 194472008437

All: -23588.925+/-0.000 χ^2/NDF : 448707023

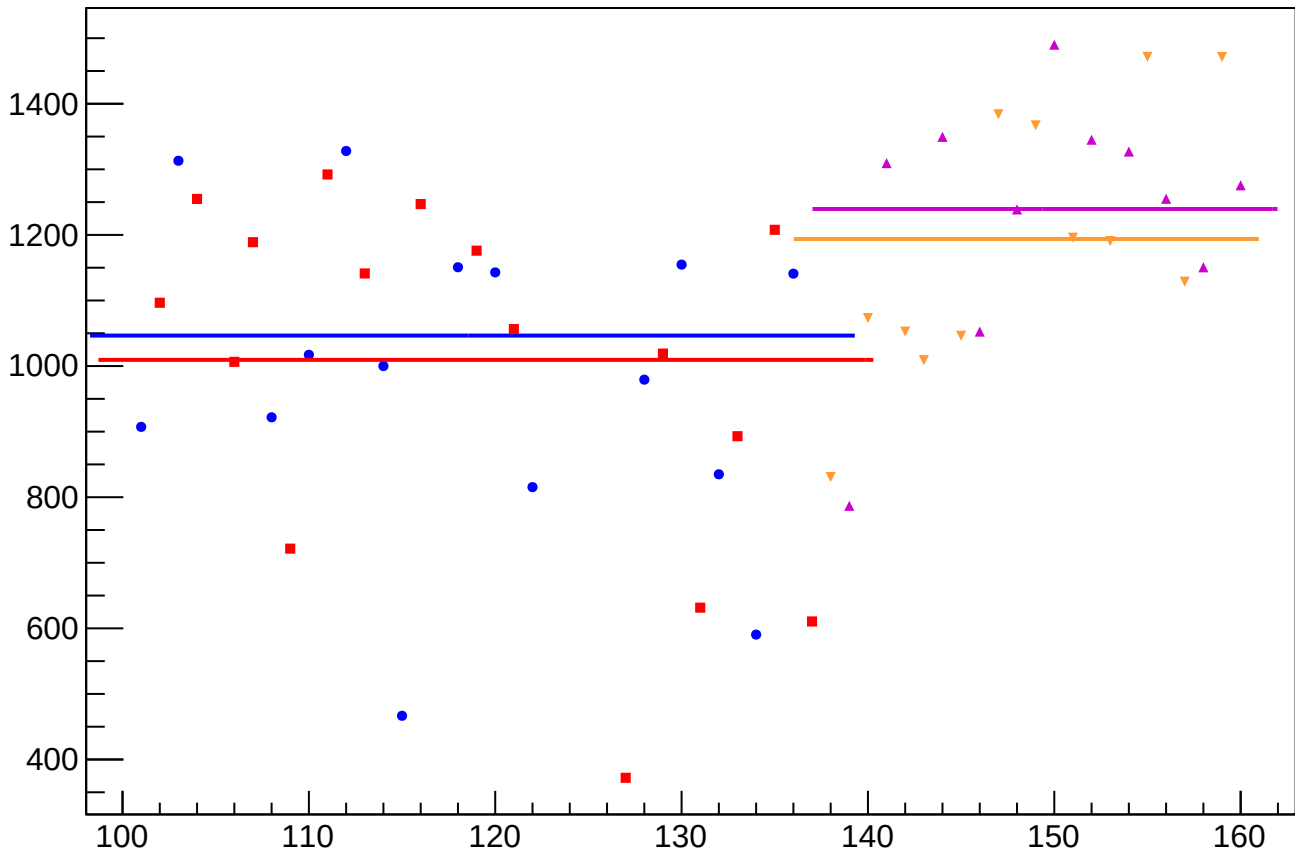
- sign -23807.730+/-0.000 χ^2/NDF : 2540813105175

dit_sam6_coil1_err_mean vs Slug



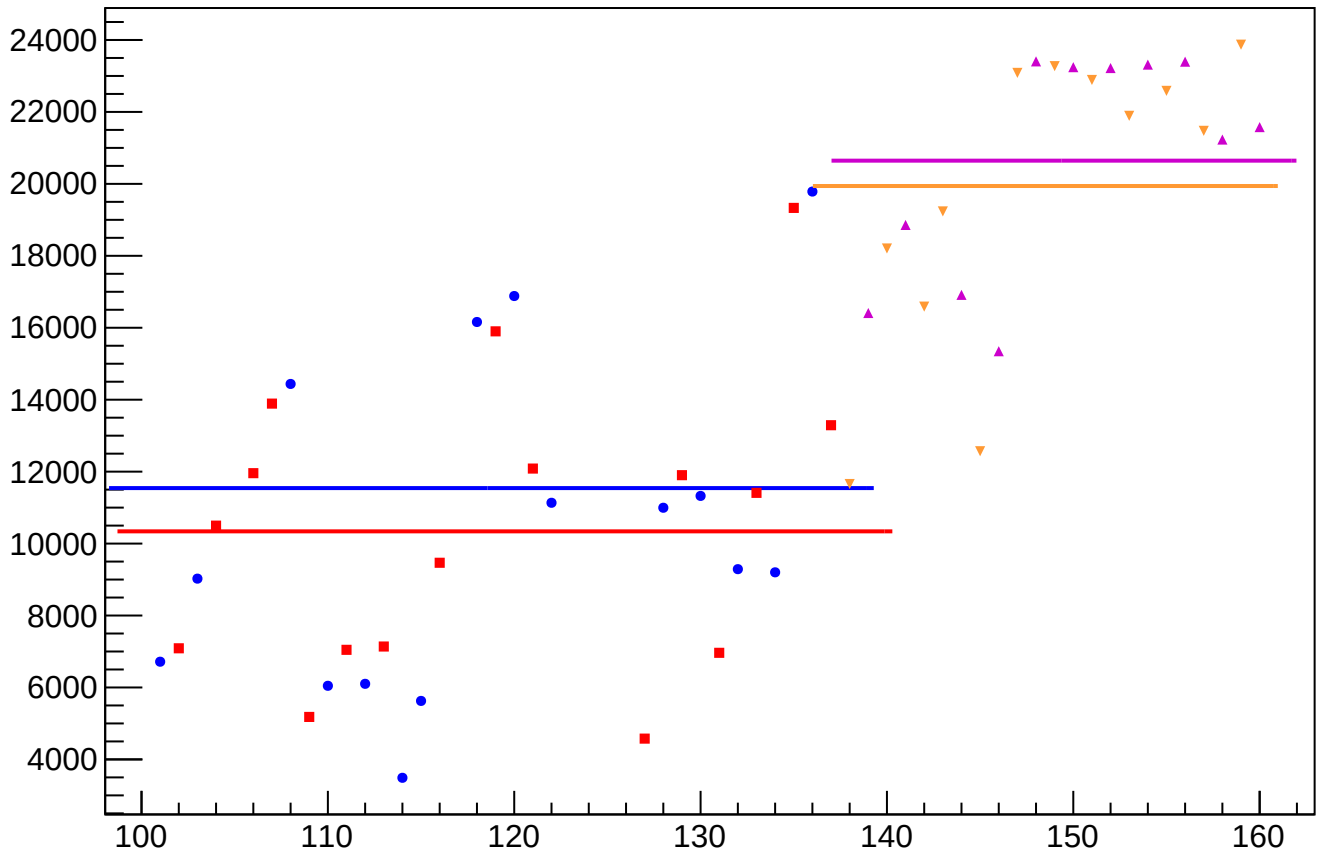
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 395.846+/-0.000	χ^2/NDF : 479955291741577
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11	All: 397.856+/-0.000	χ^2/NDF : 113394044527
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- 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



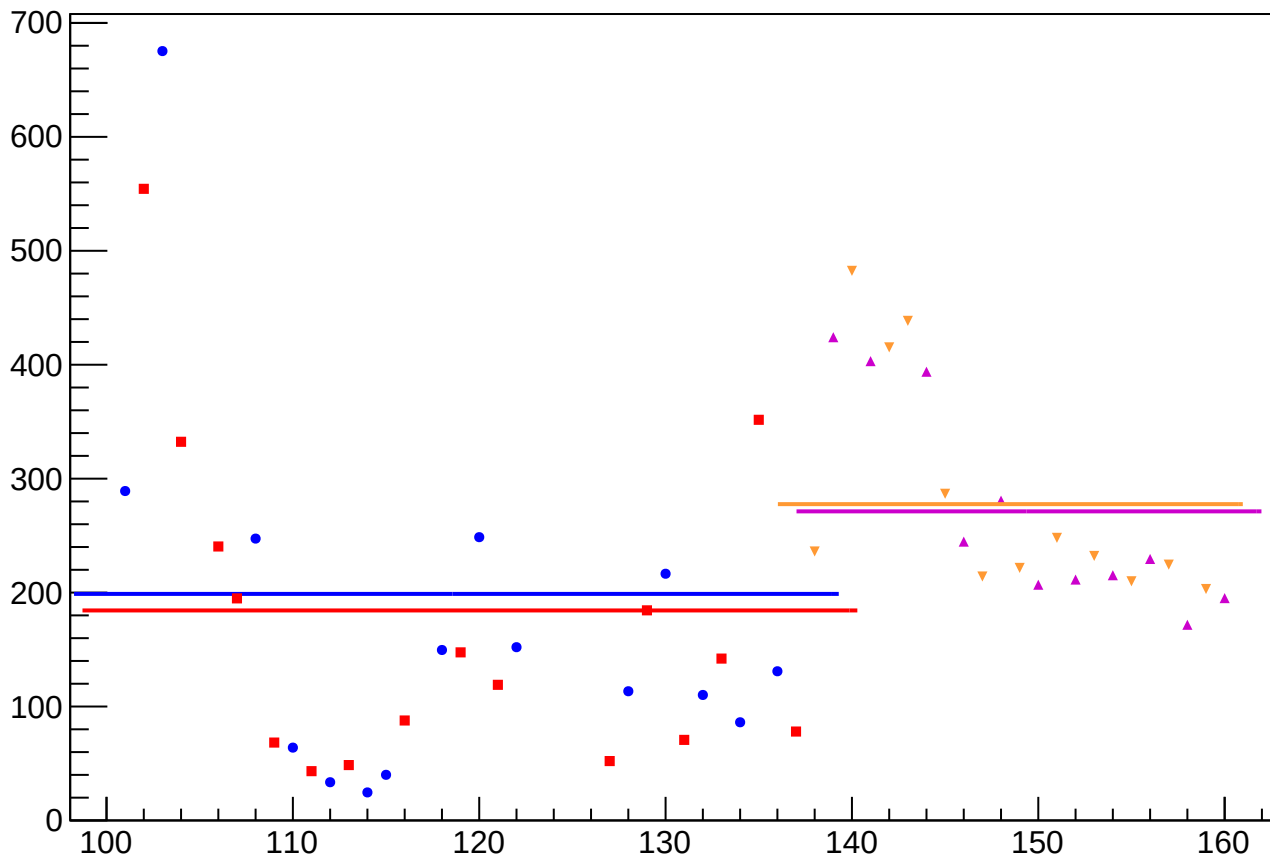
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

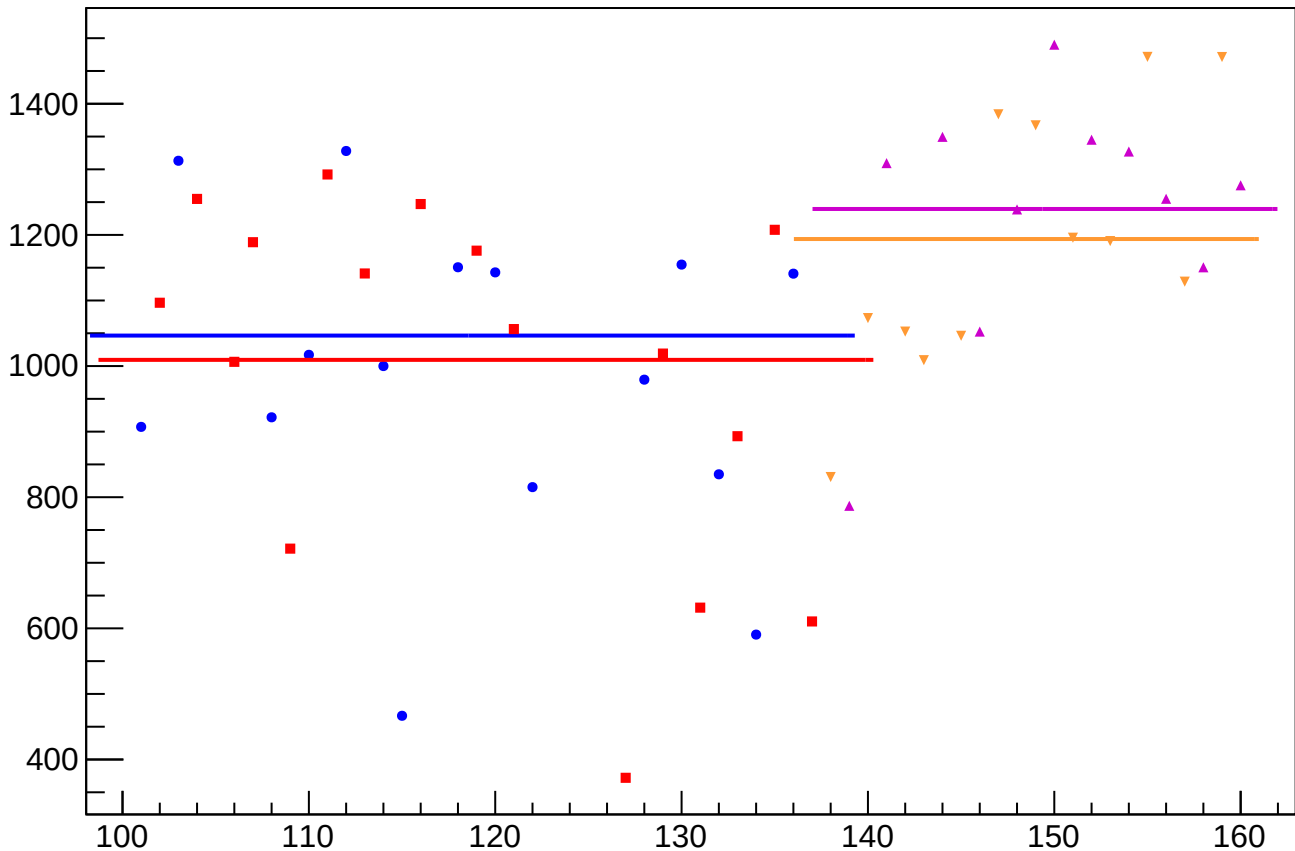
All: 239.833+/-0.000 χ^2/NDF : 537780837700

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

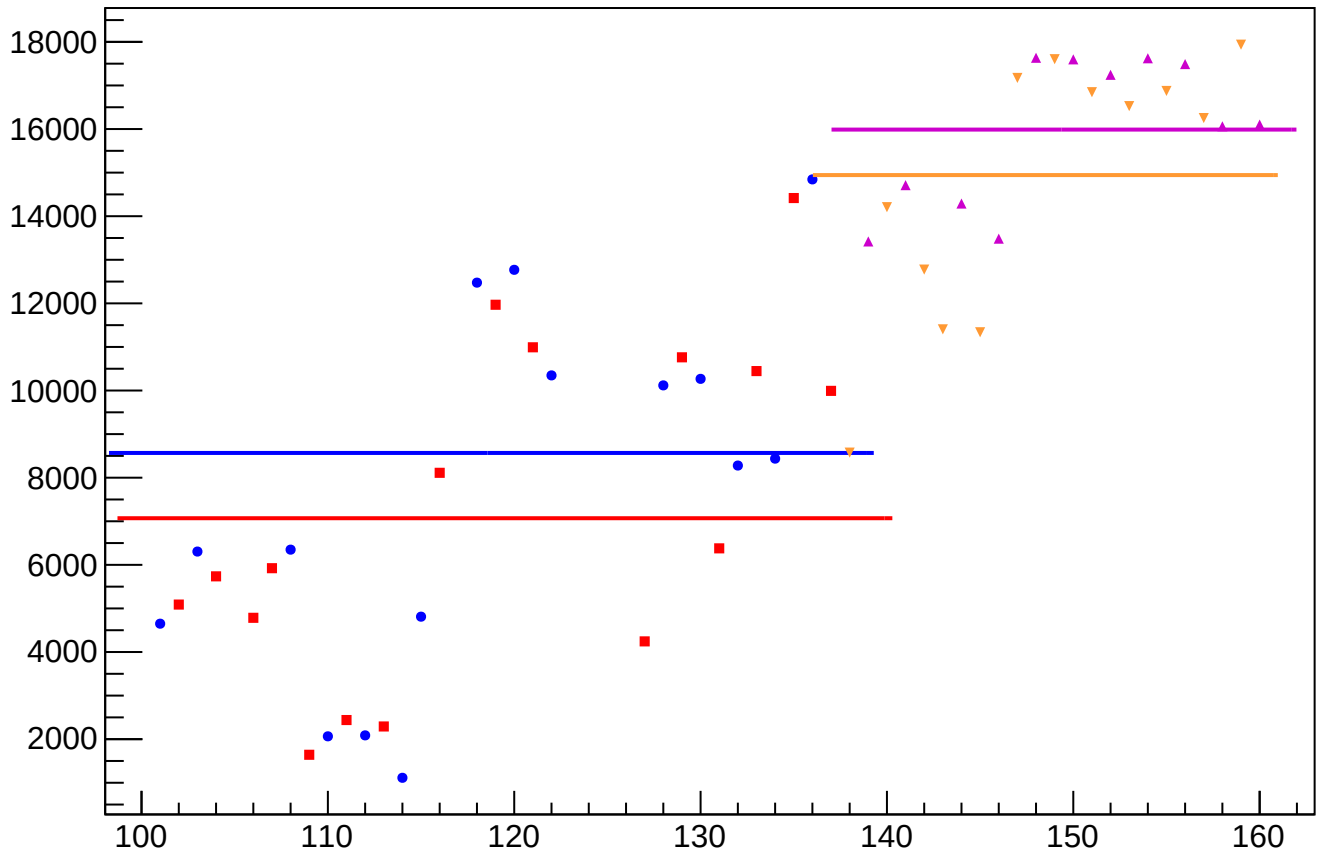
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

dit_sam7_coil1_Ndata_mean vs Slug



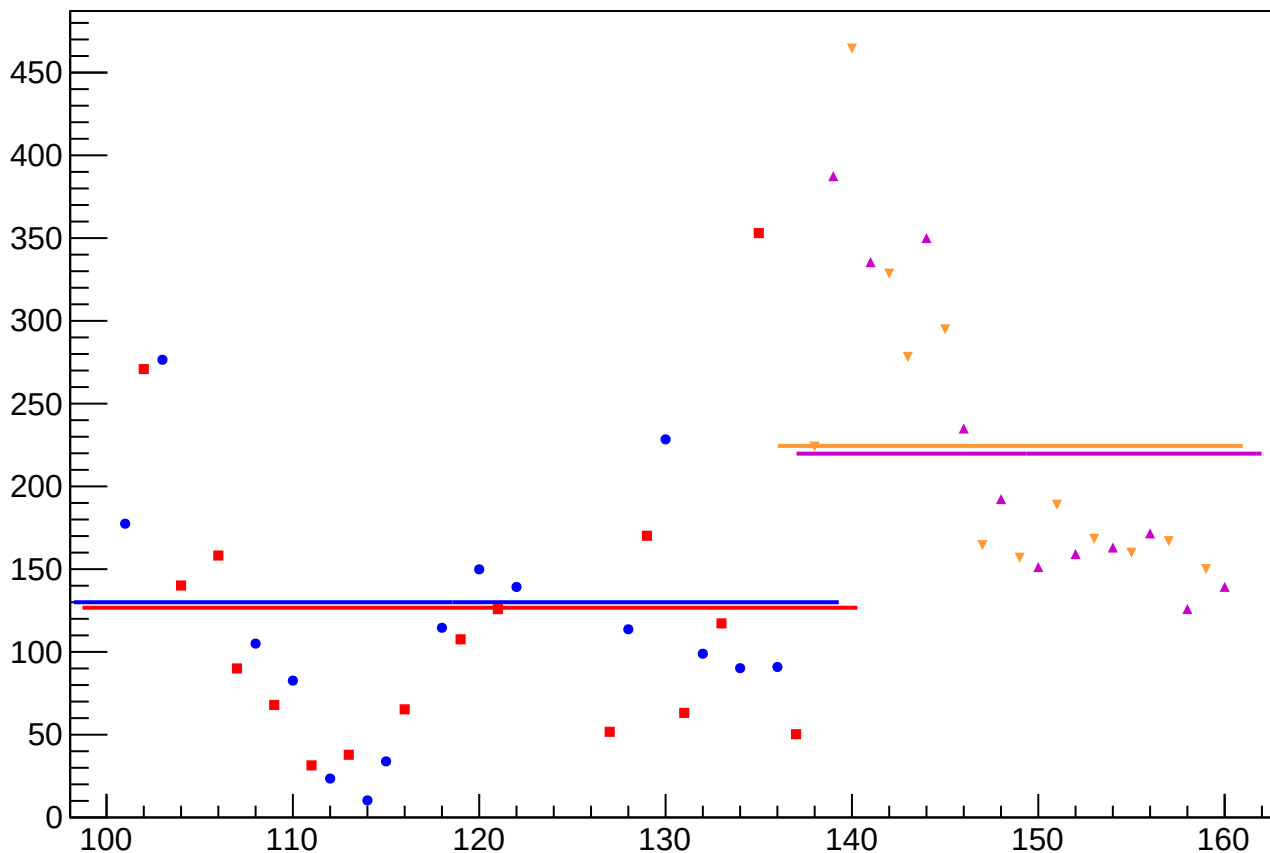
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

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

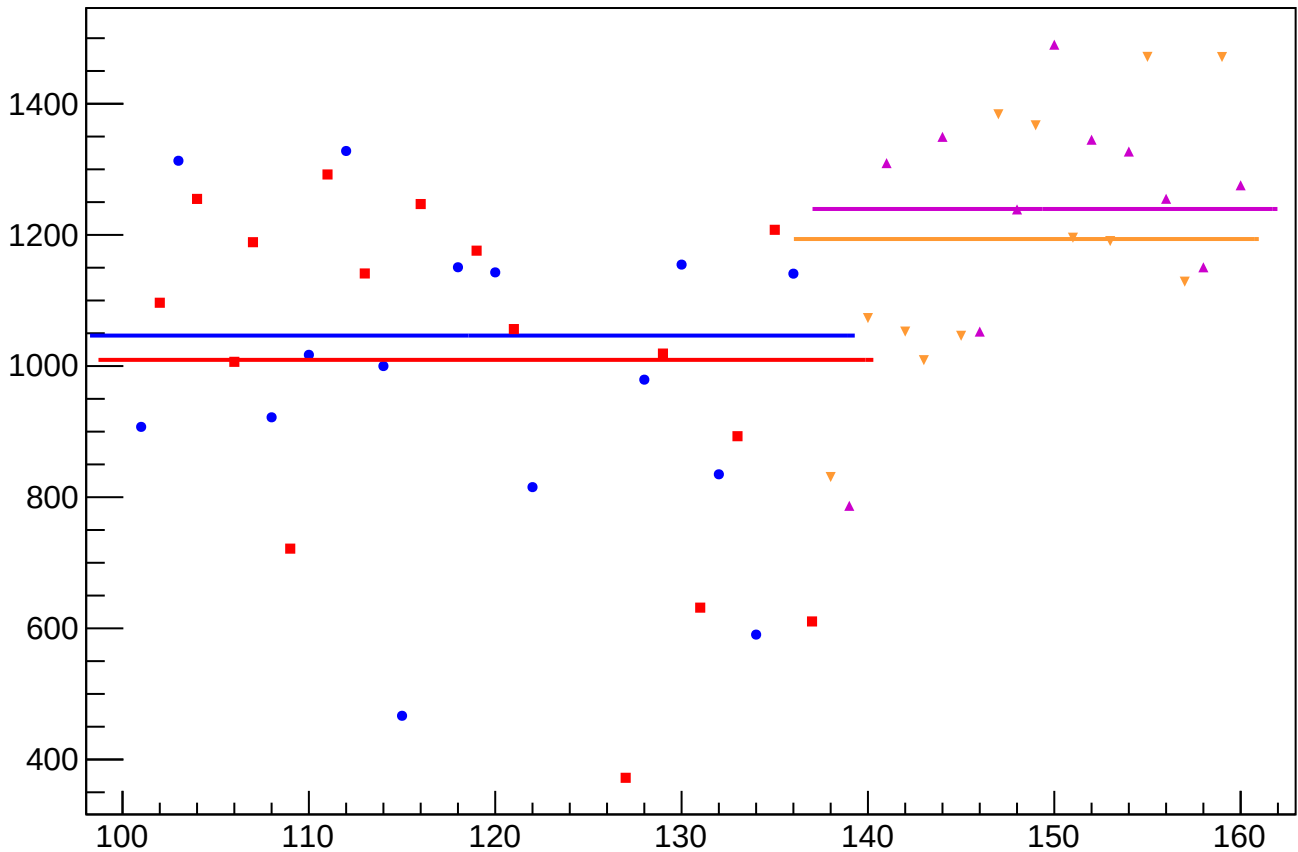
Left In: 219.787+/-0.000 χ^2/NDF : 7418609629454172879787970620999860224.0/10

+ sign 185.245+/-0.000 χ^2/NDF : 143703436446713

All: 182.985+/-0.000 χ^2/NDF : 30557896618

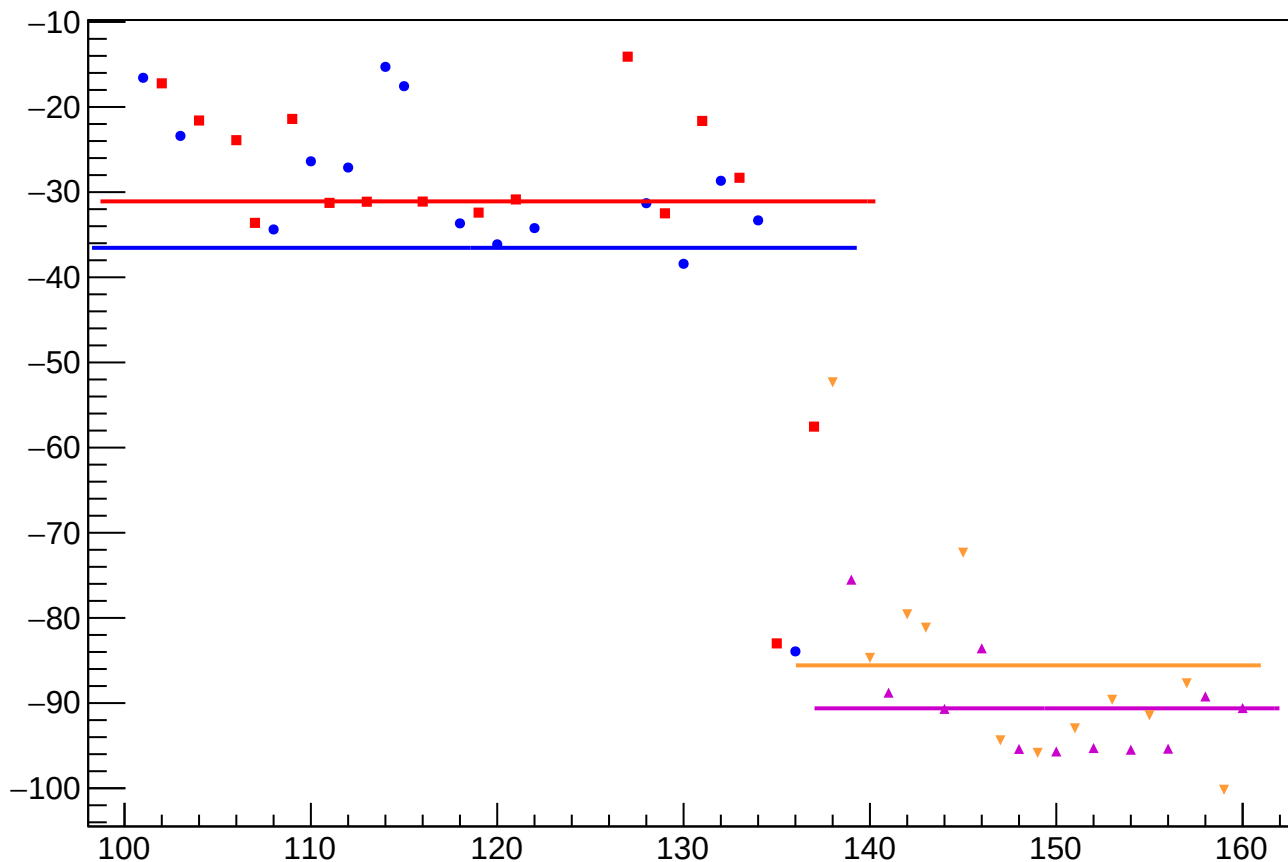
- sign 180.765+/-0.000 χ^2/NDF : 161717315752514

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

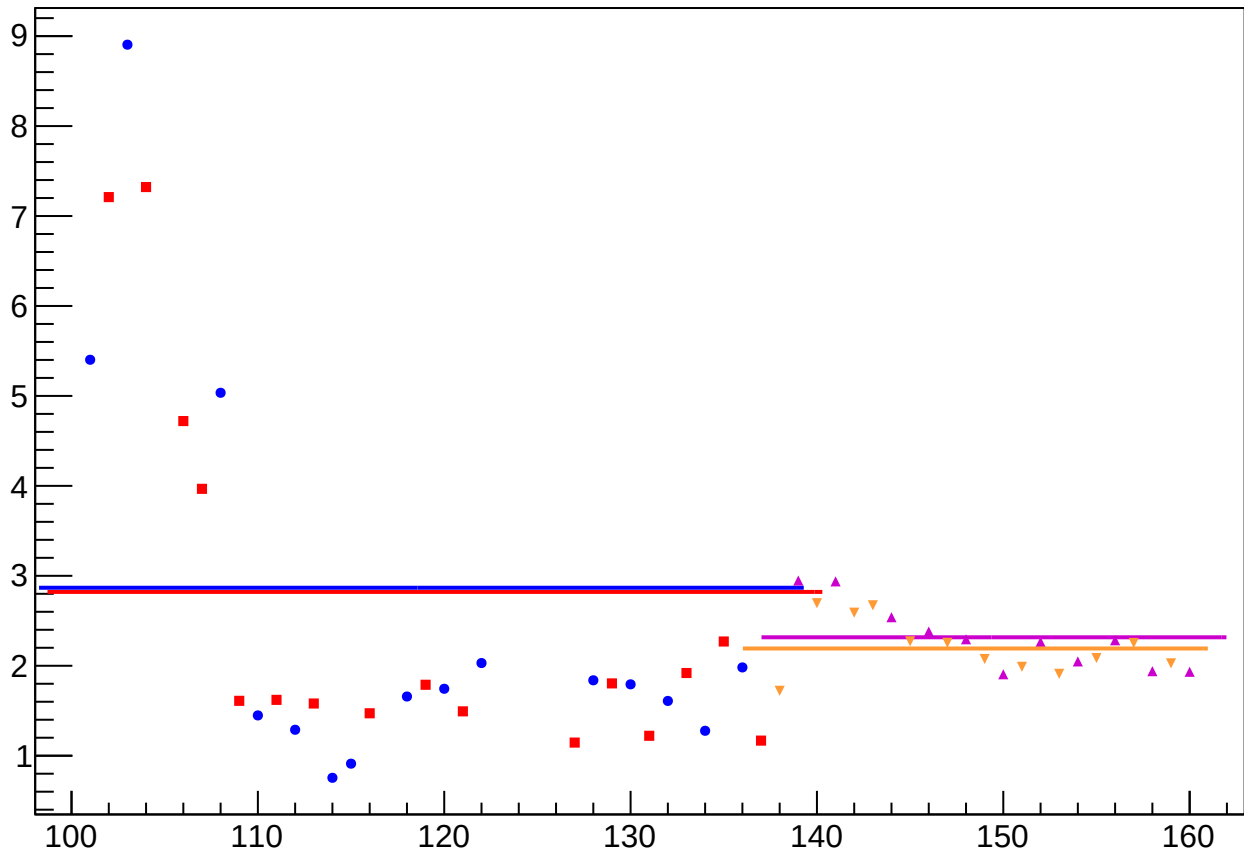
Left In: -90.618+/-0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212+/-0.000 χ^2/NDF : 131026728865009

All: -65.438+/-0.000 χ^2/NDF : 289770508585

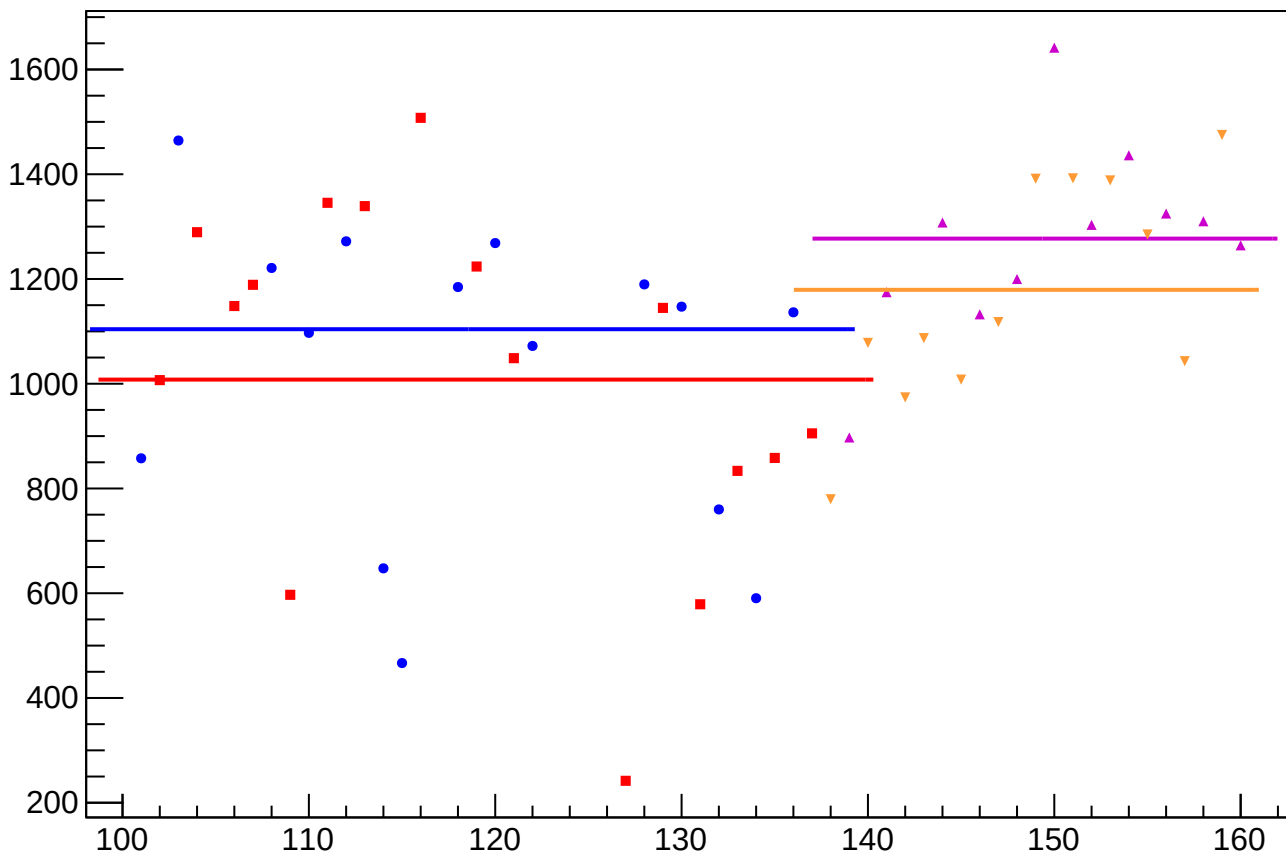
- sign -65.660+/-0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 +/- 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.192 +/- 0.000 χ^2/NDF : 76043906789141561084580015898624.0/11
 Right Out: 2.821 +/- 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.317 +/- 0.000 χ^2/NDF : 114372564725079889099013285216256.0/10

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

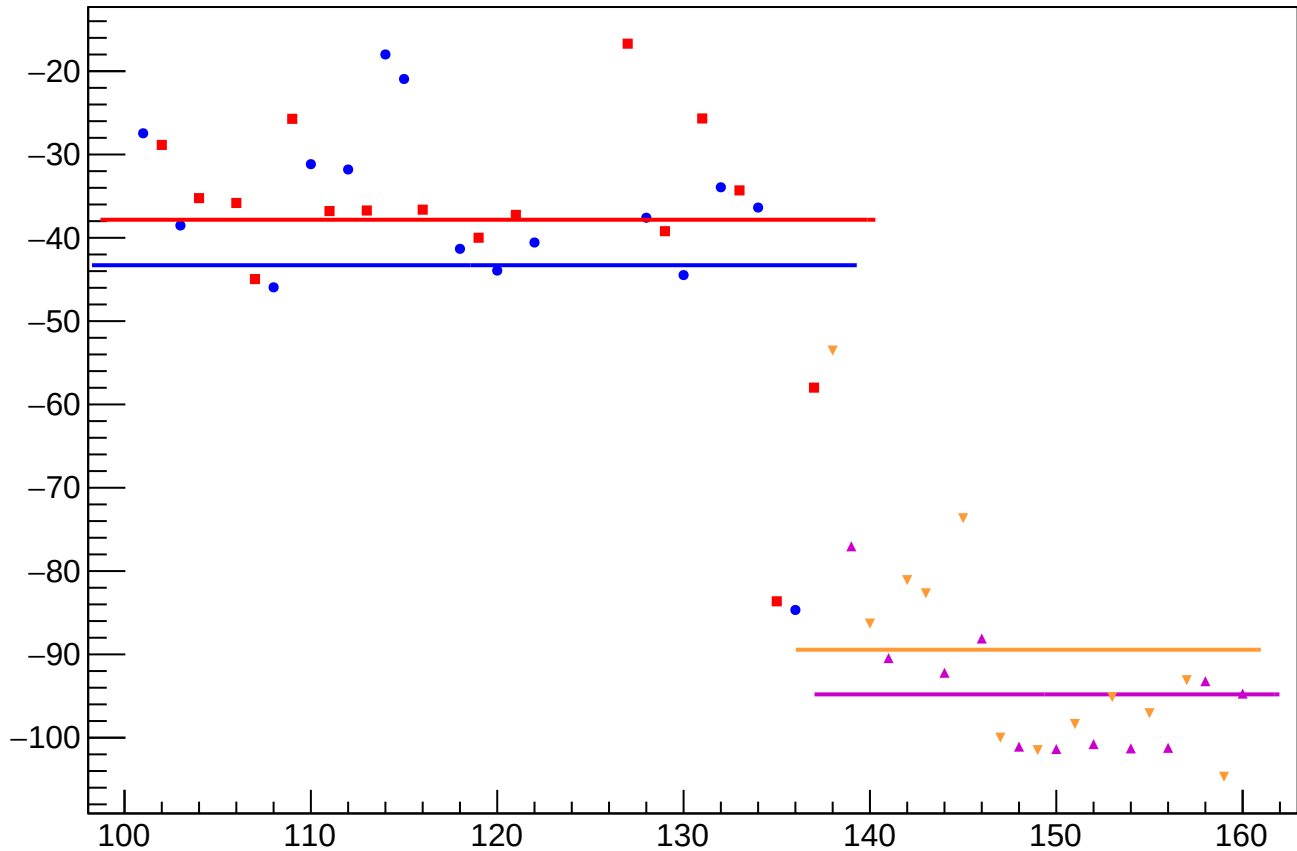
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

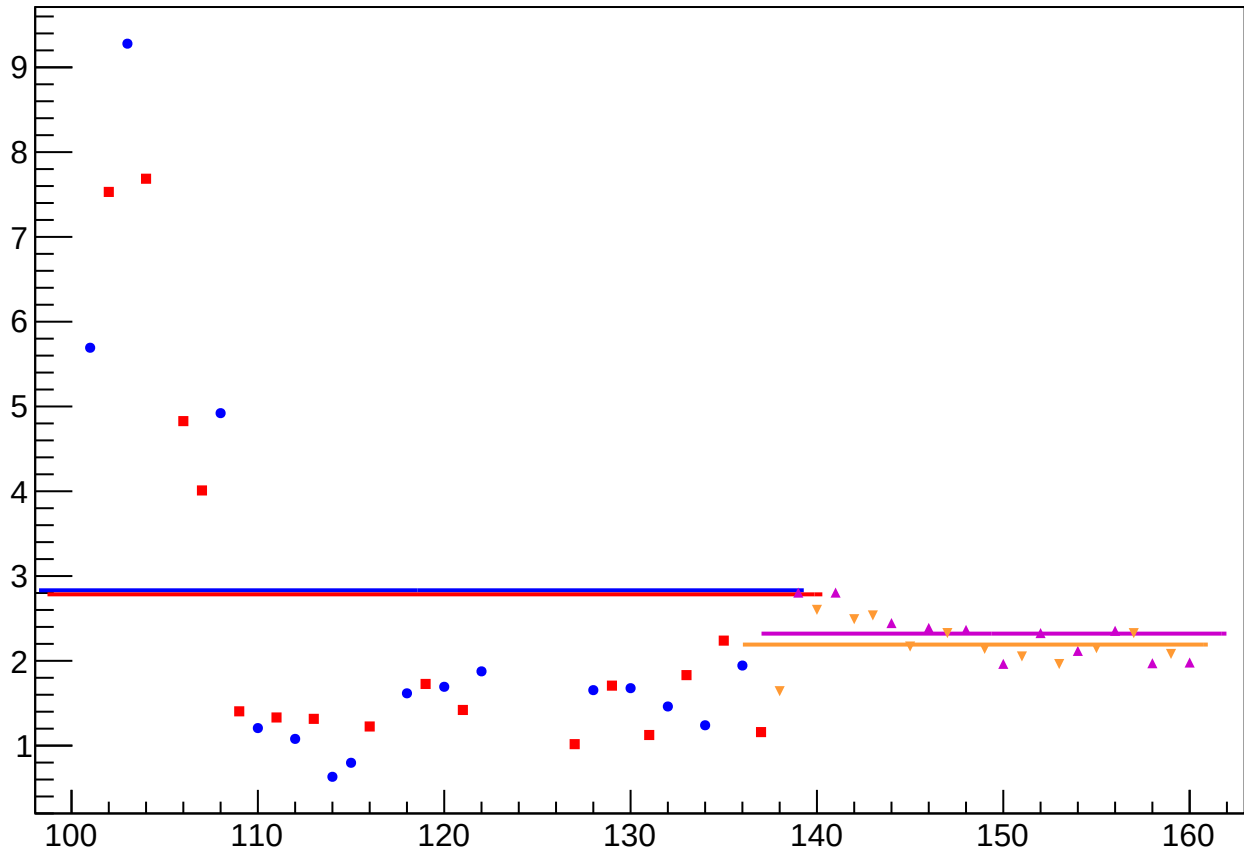
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



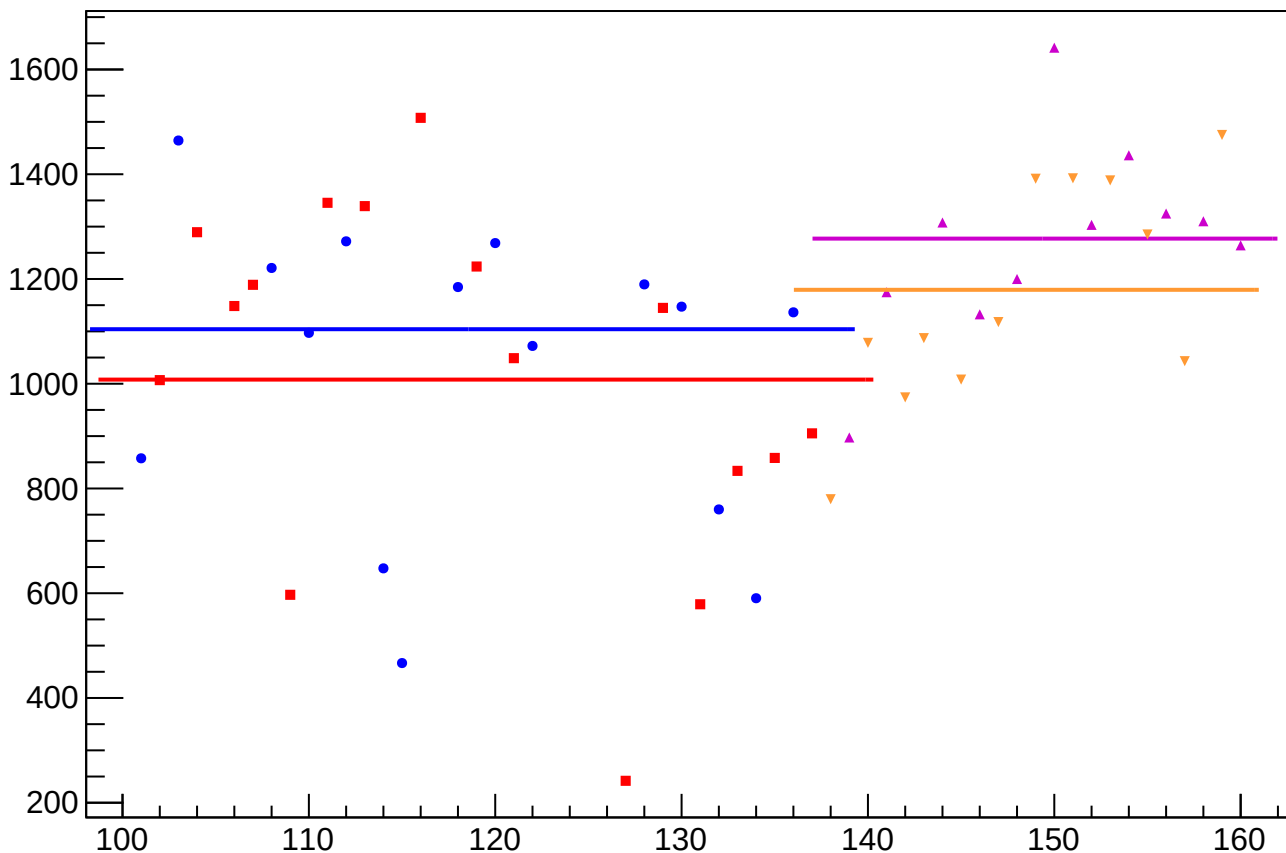
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.192+/-0.000 χ^2/NDF : 59601559247415008947816525463552.0/11
 Right Out: 2.784+/-0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.321+/-0.000 χ^2/NDF : 74619123224616324544404505231360.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

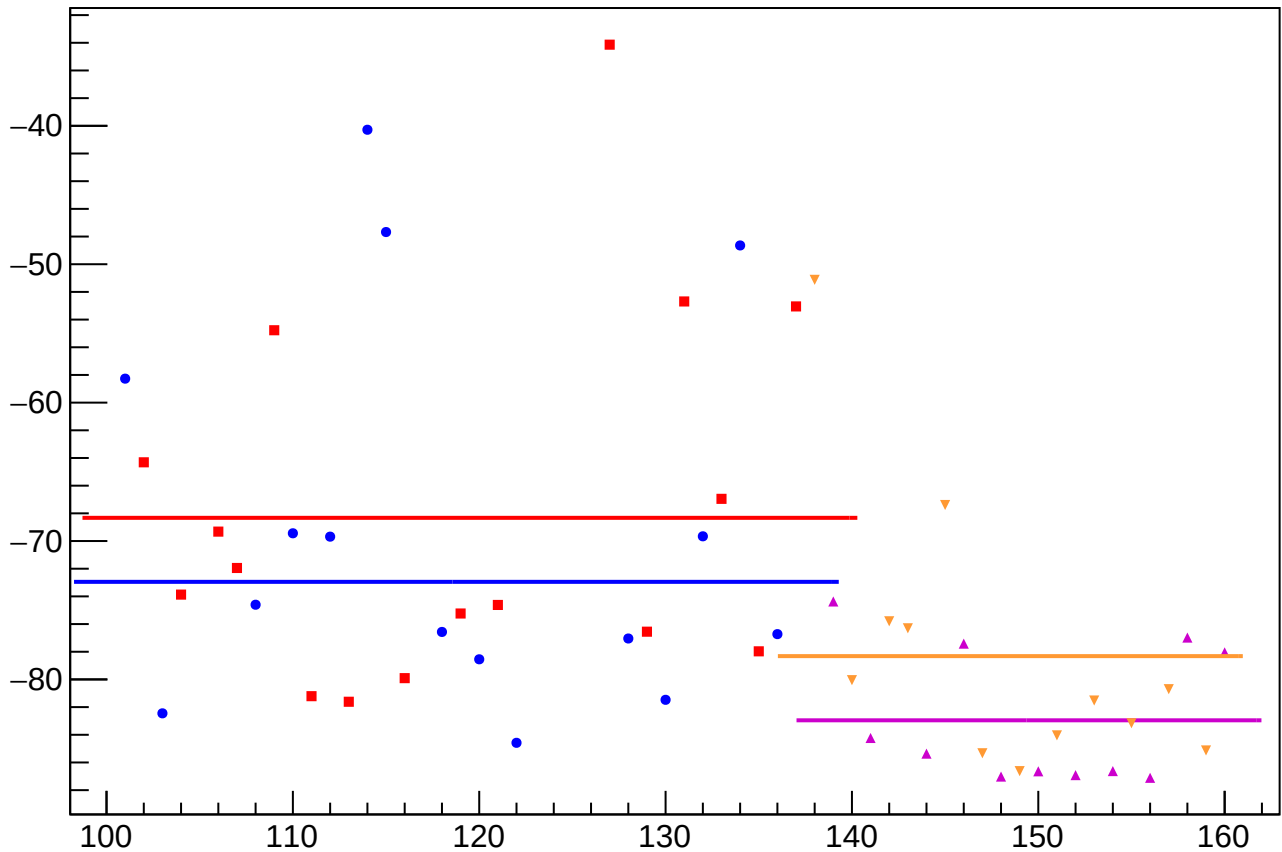
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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



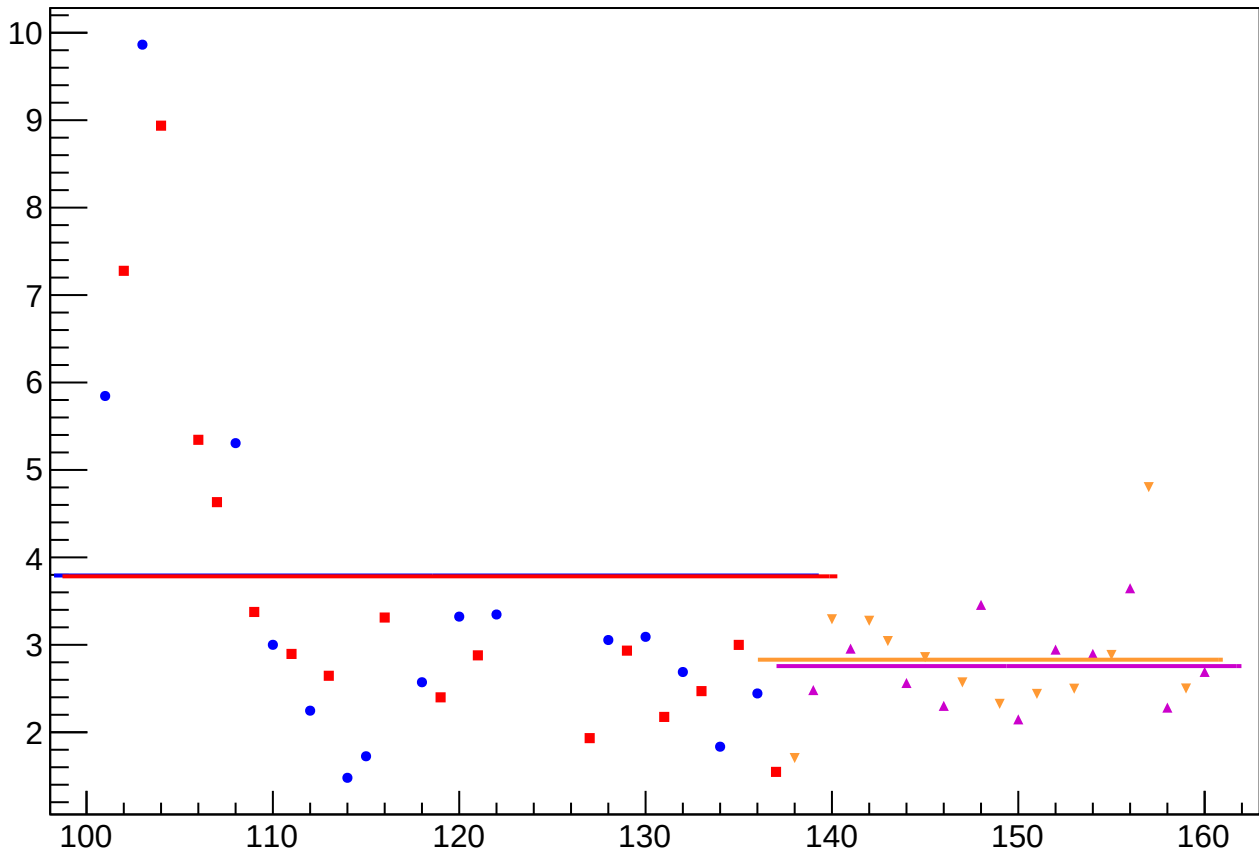
Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

Left Out: -78.317+/-0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11

Right Out: -68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

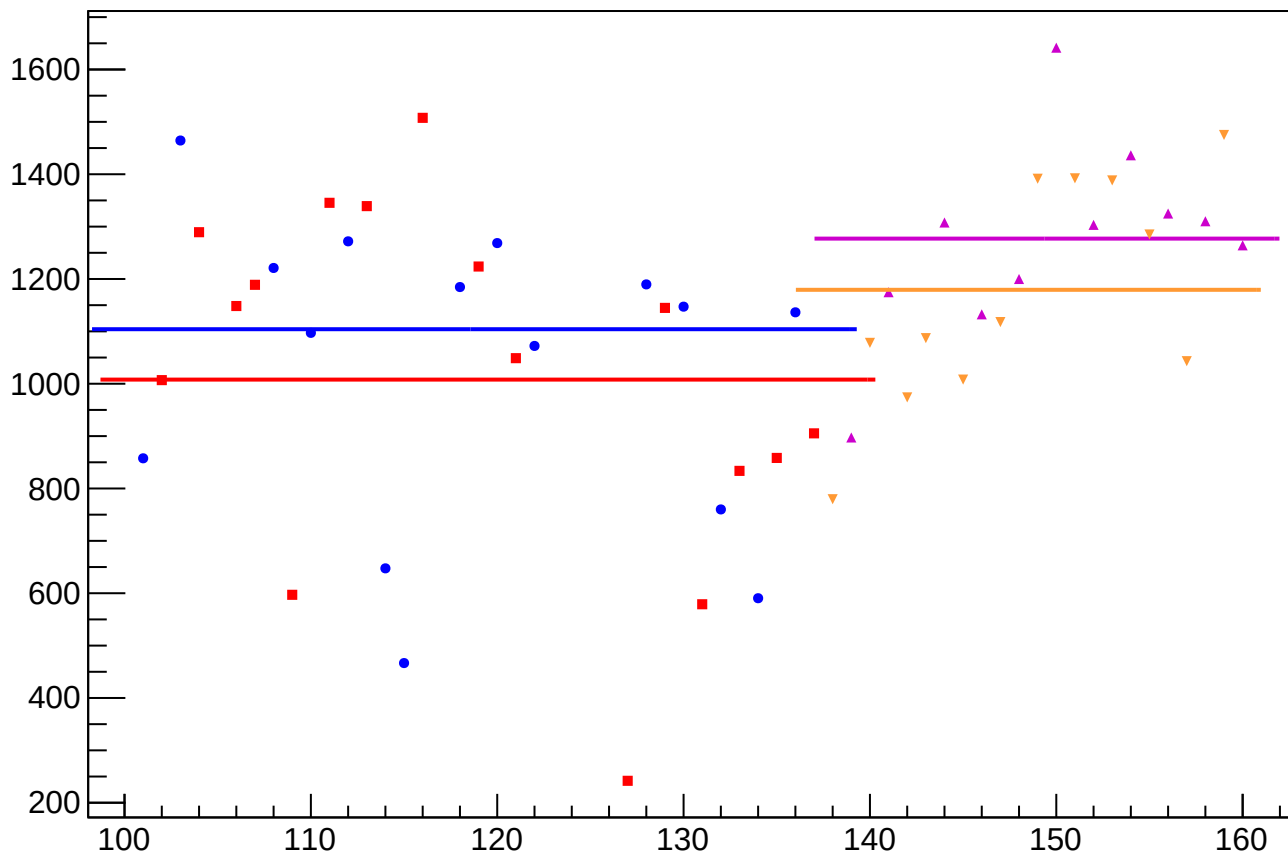
Left In: -82.954+/-0.000 χ^2/NDF : 20419157774877297849205303170564096.0/10

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

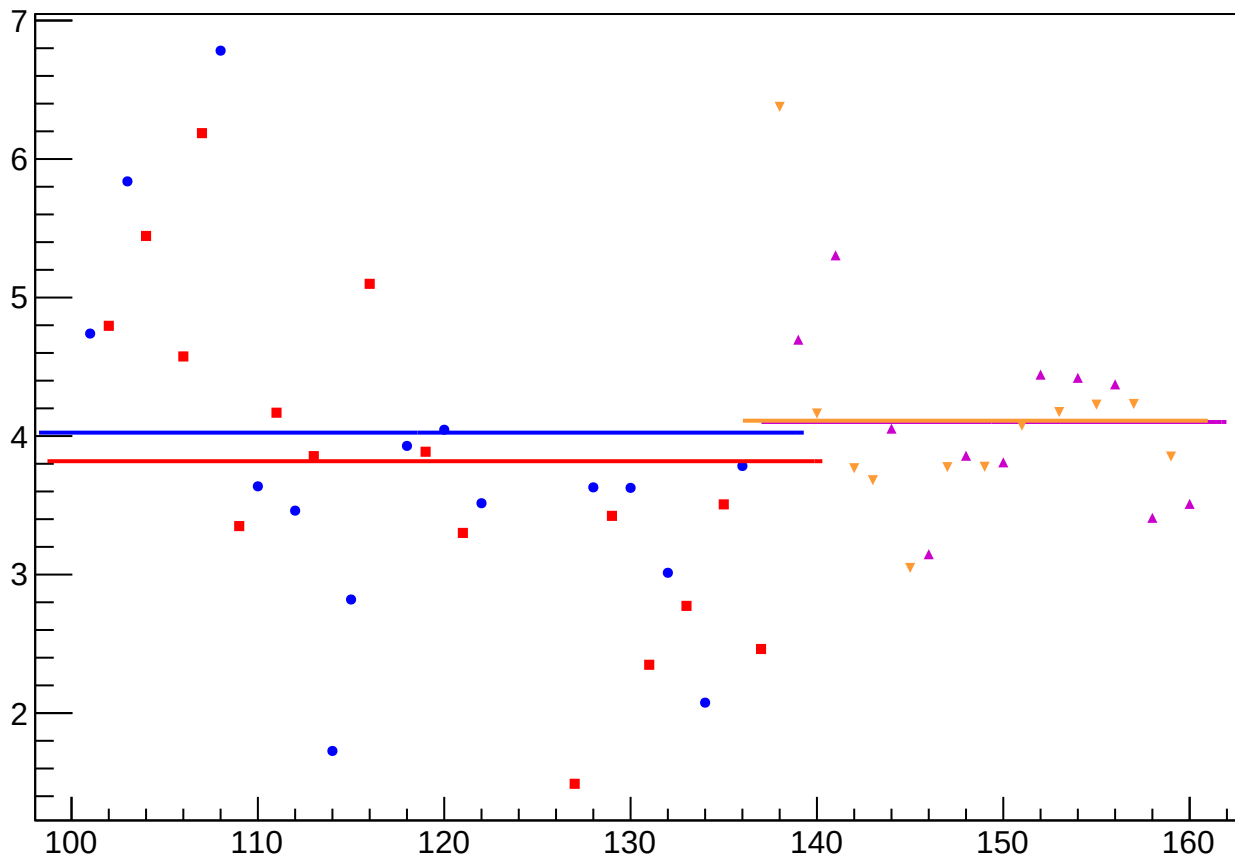
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

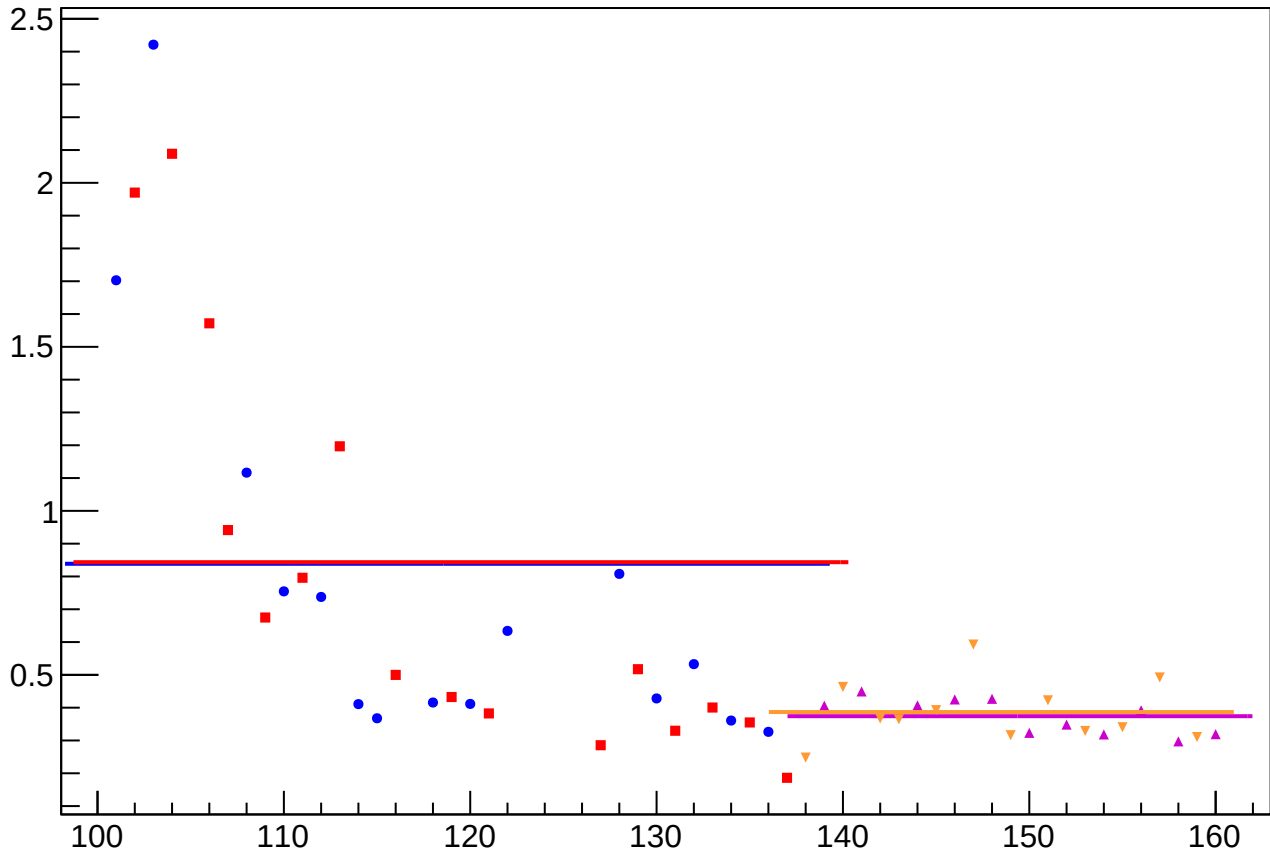
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ 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



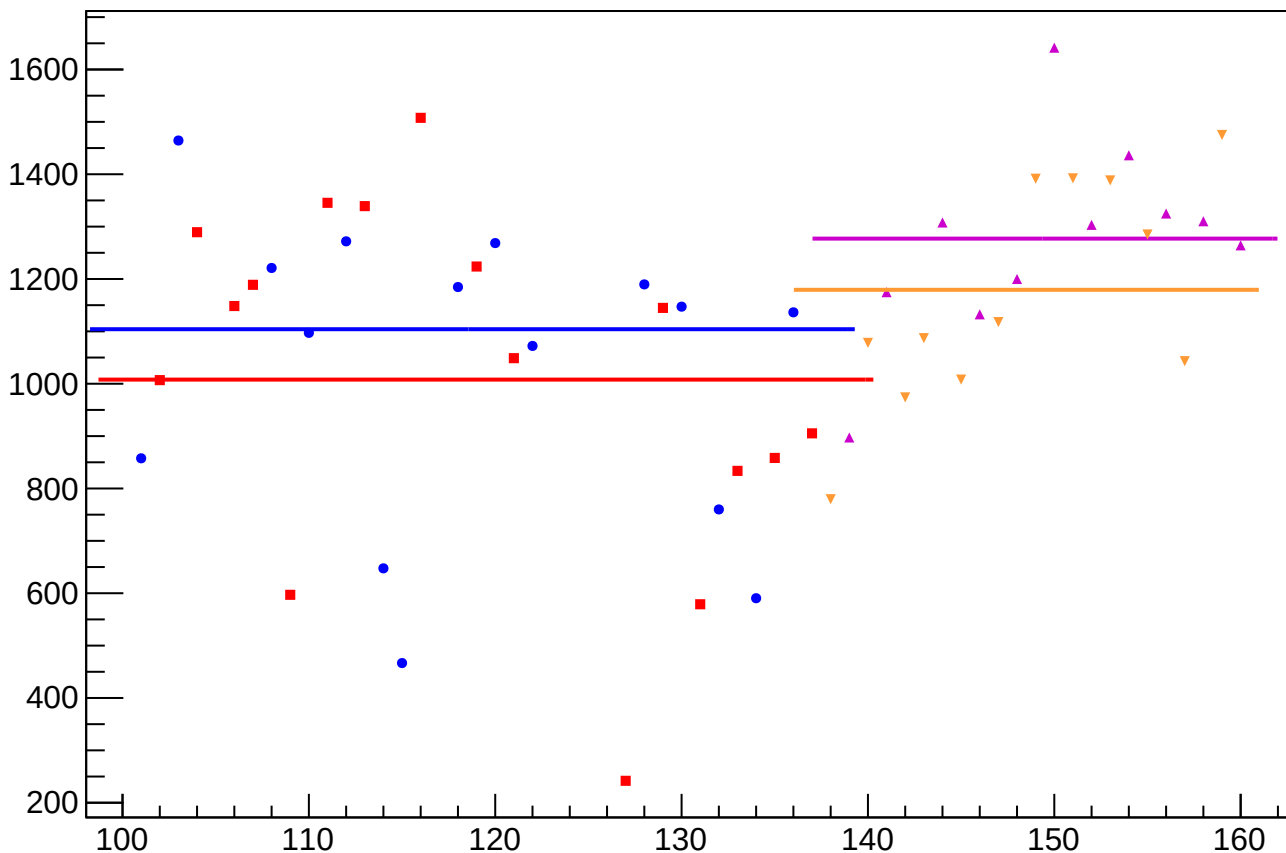
Right In: 0.839 $\pm$ 0.000 χ^2 /NDF: 258416025334615661521163083841536.0/14

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

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

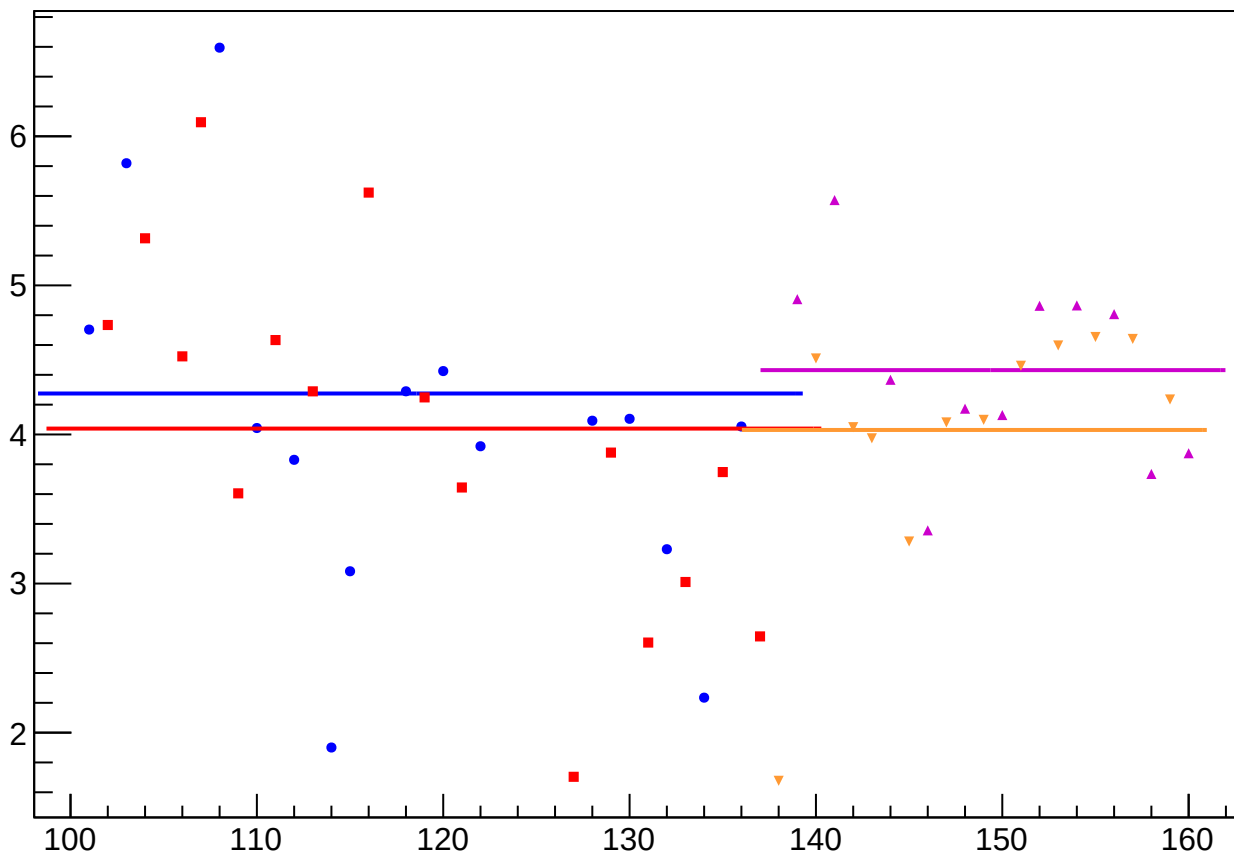
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.030+/-0.000 χ^2/NDF : 600797720921367466879695481470976.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

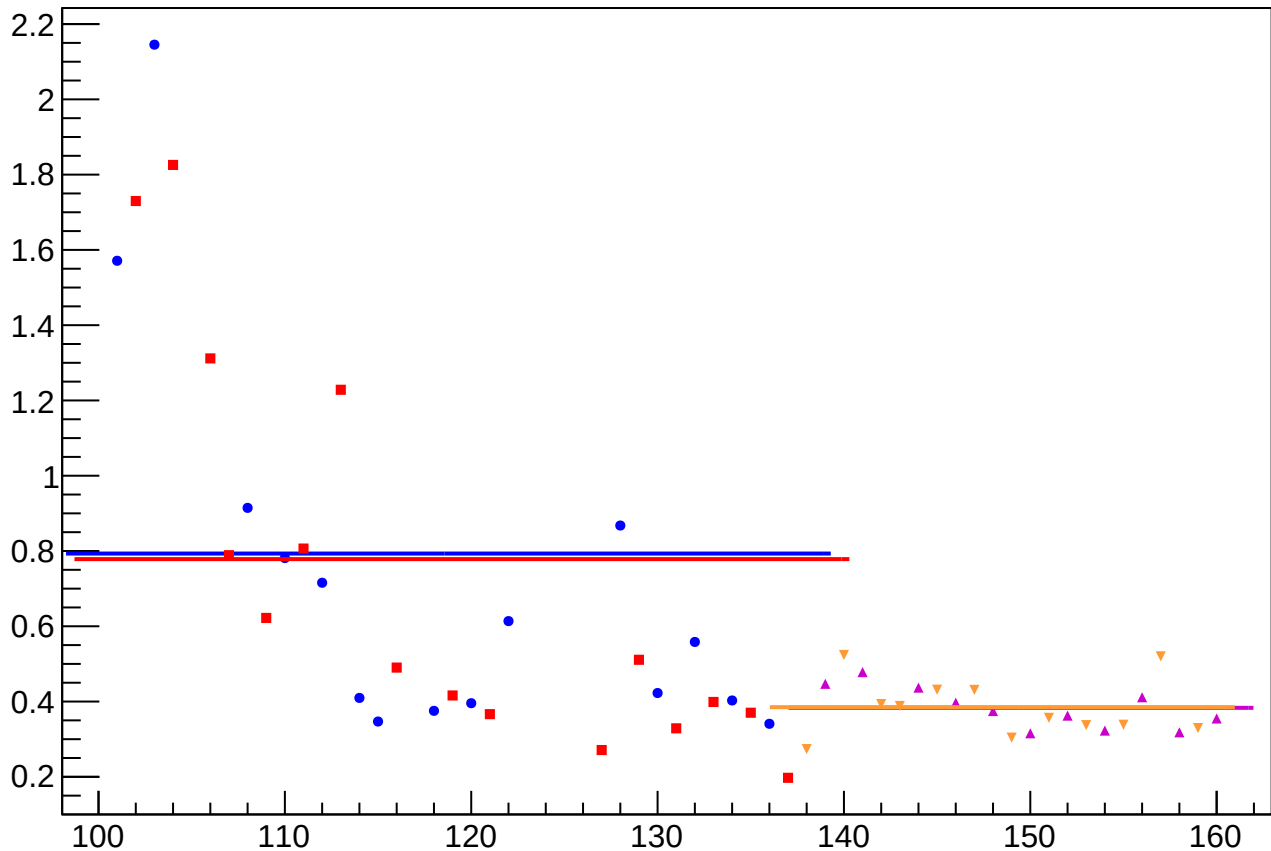
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

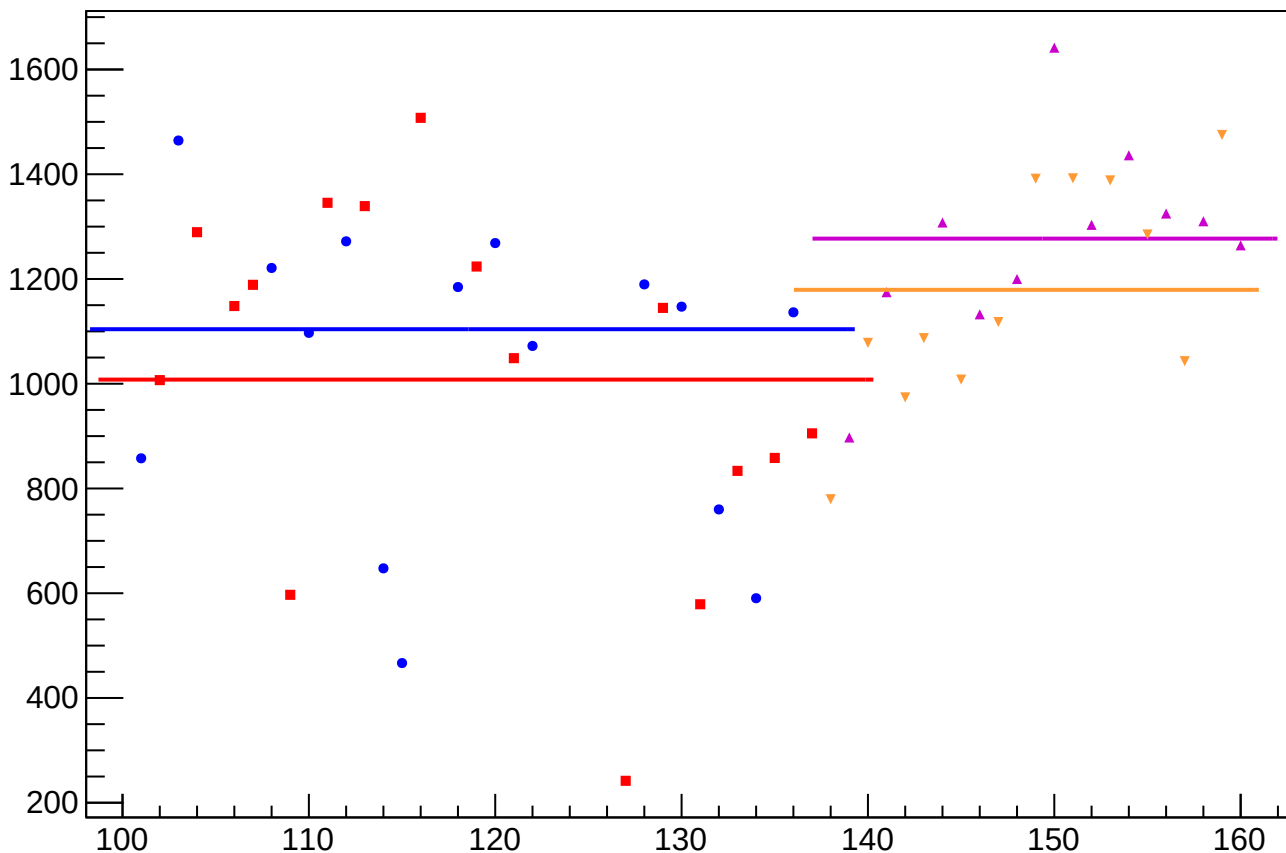
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 ± 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.385 ± 0.000 χ^2/NDF : 5547784180240414411423653822464.0/11
 Right Out: 0.778 ± 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.383 ± 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

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

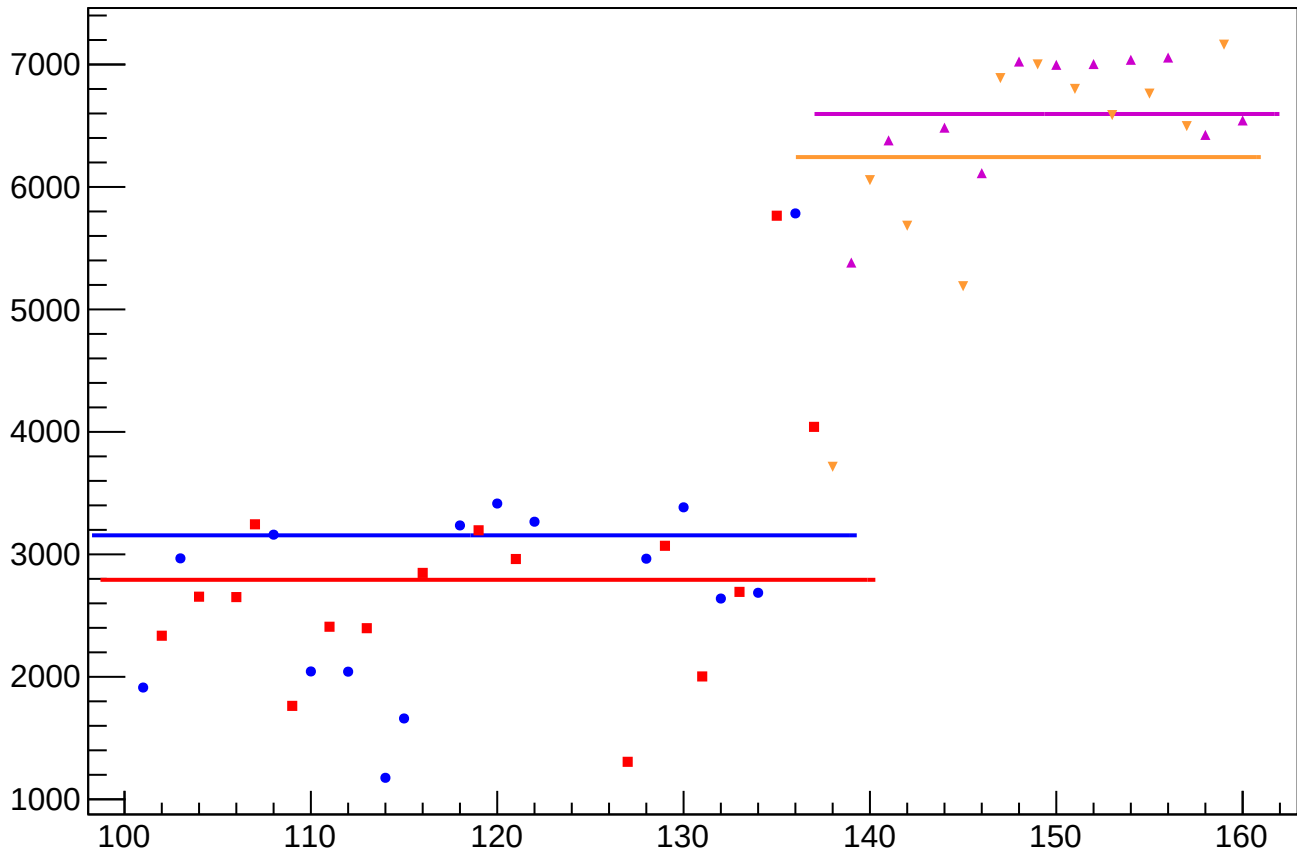
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

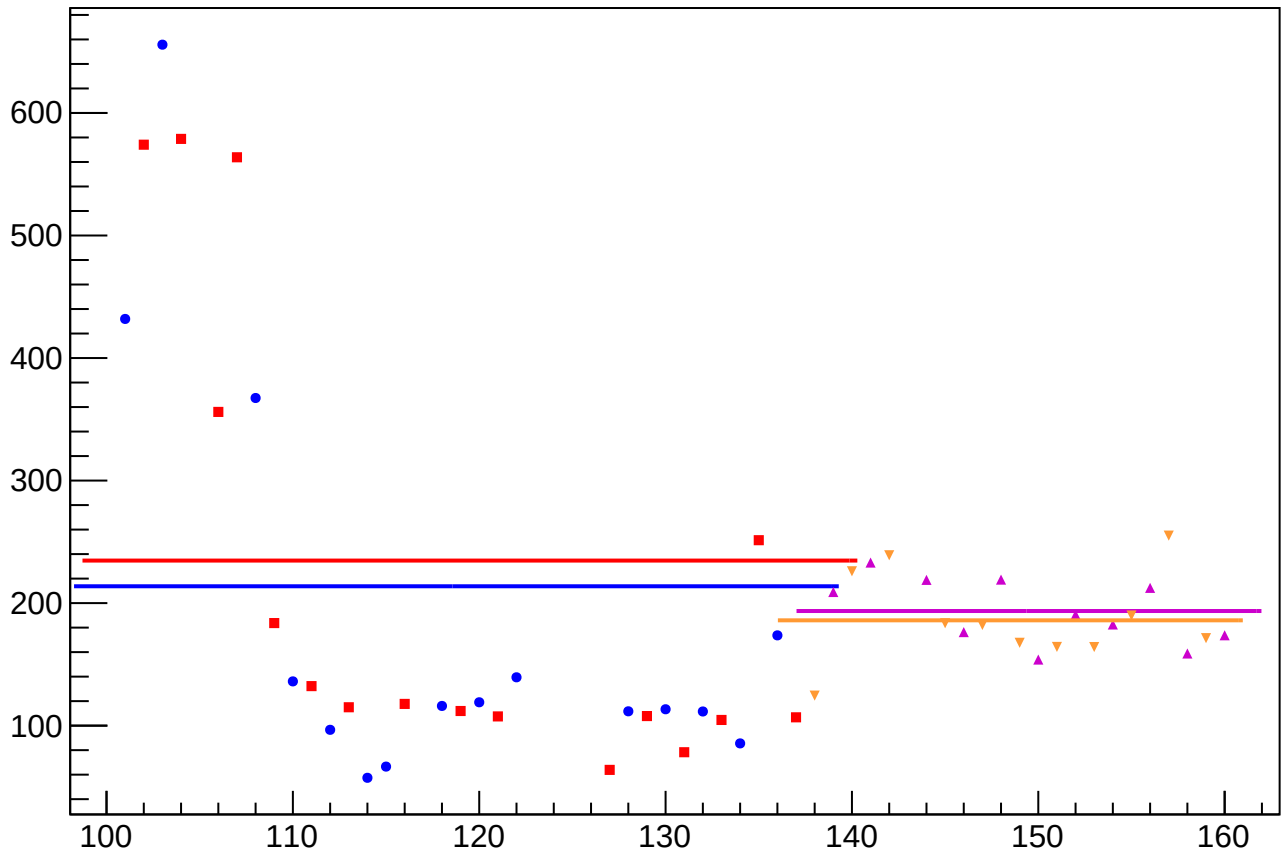
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_usl_coil3_mean vs Slug



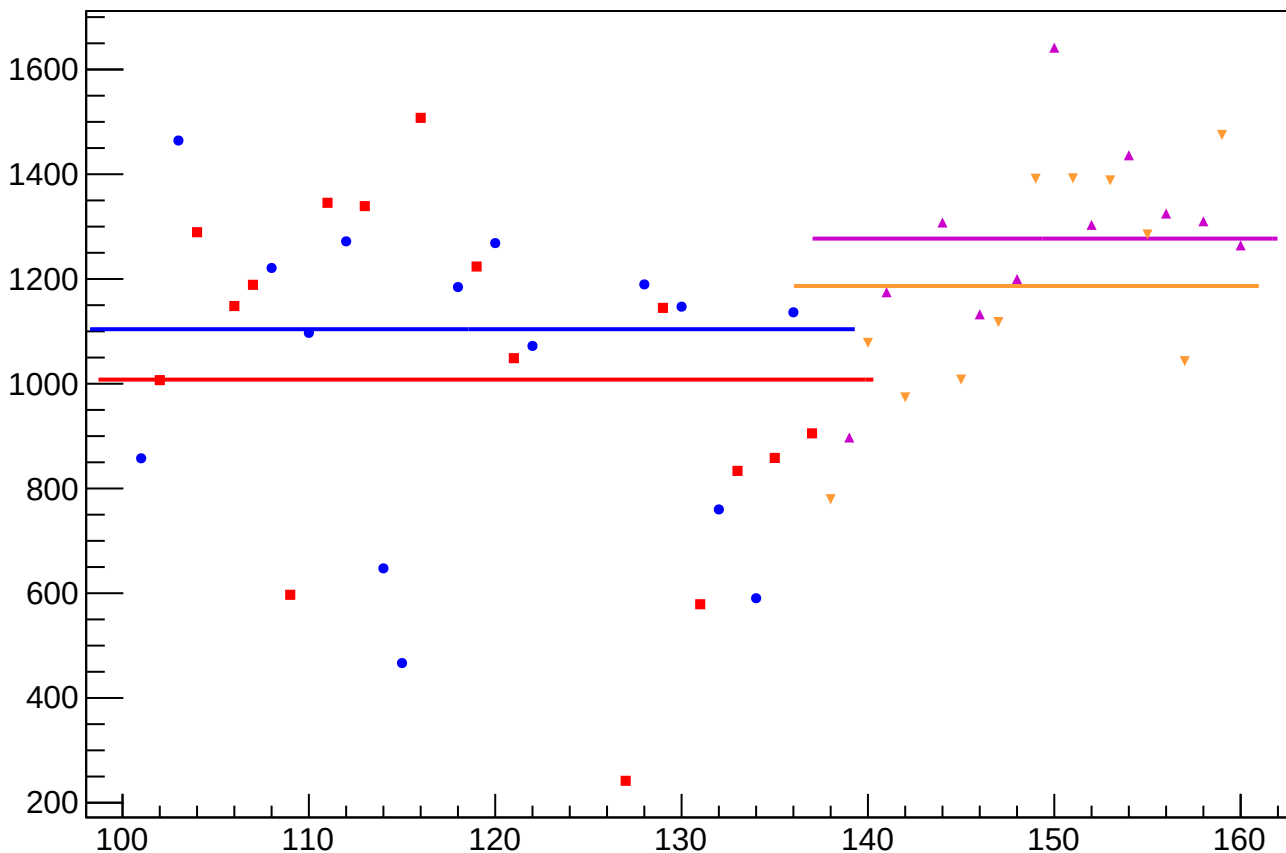
Right In: 3155.434+/-0.000	χ^2/NDF : 903550534773622902110918214033612996608.0/14	+ sign 4904.094+/-0.000	χ^2/NDF : 52199055193135
Left Out: 6243.976+/-0.000	χ^2/NDF : 811230786168378302780139165688711348224.0/10	All: 4954.171+/-0.000	χ^2/NDF : 1173127883
Right Out: 2792.245+/-0.000	χ^2/NDF : 674635749324173001973264427530986717184.0/15	- 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

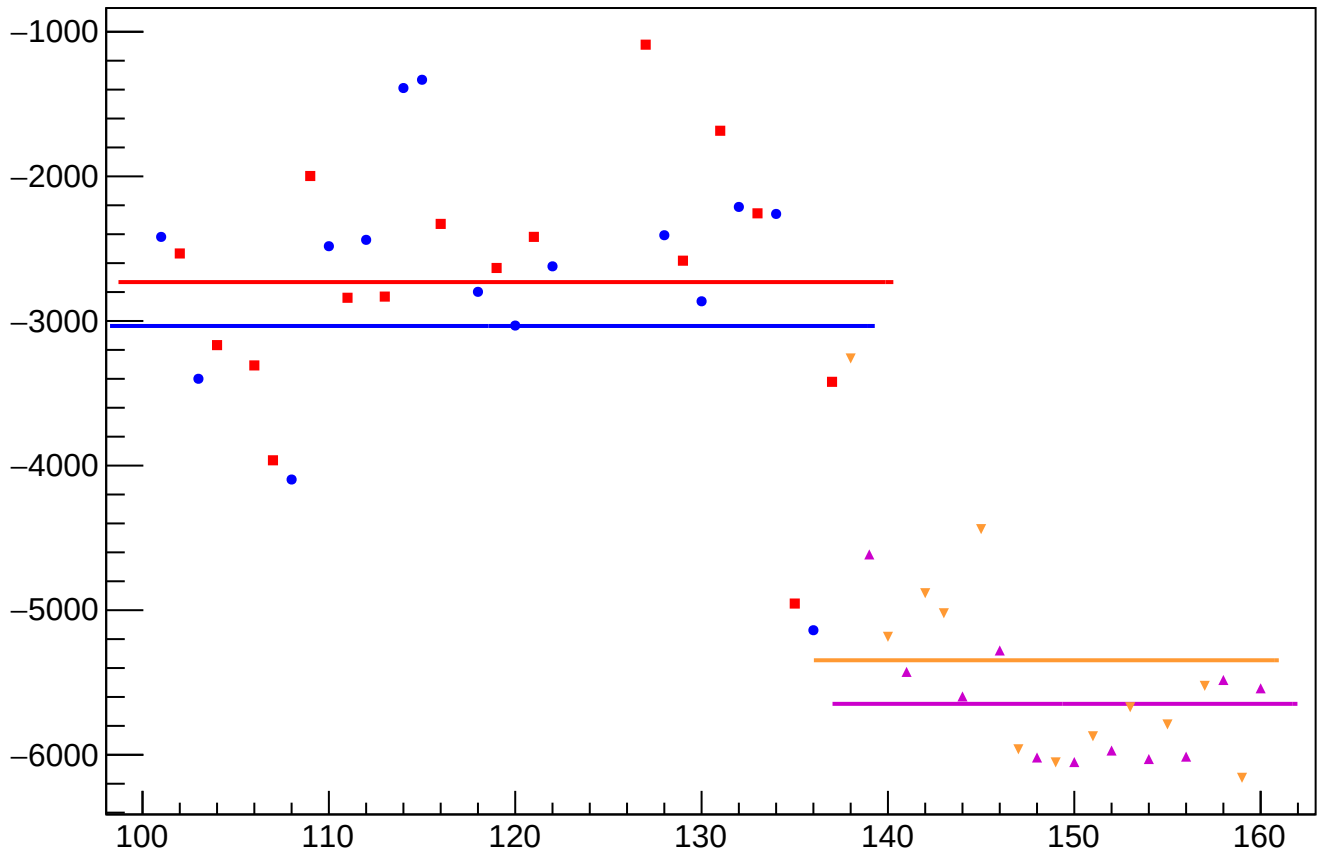
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833

All: 1157.745+/-0.000 χ^2/NDF : 20023337148

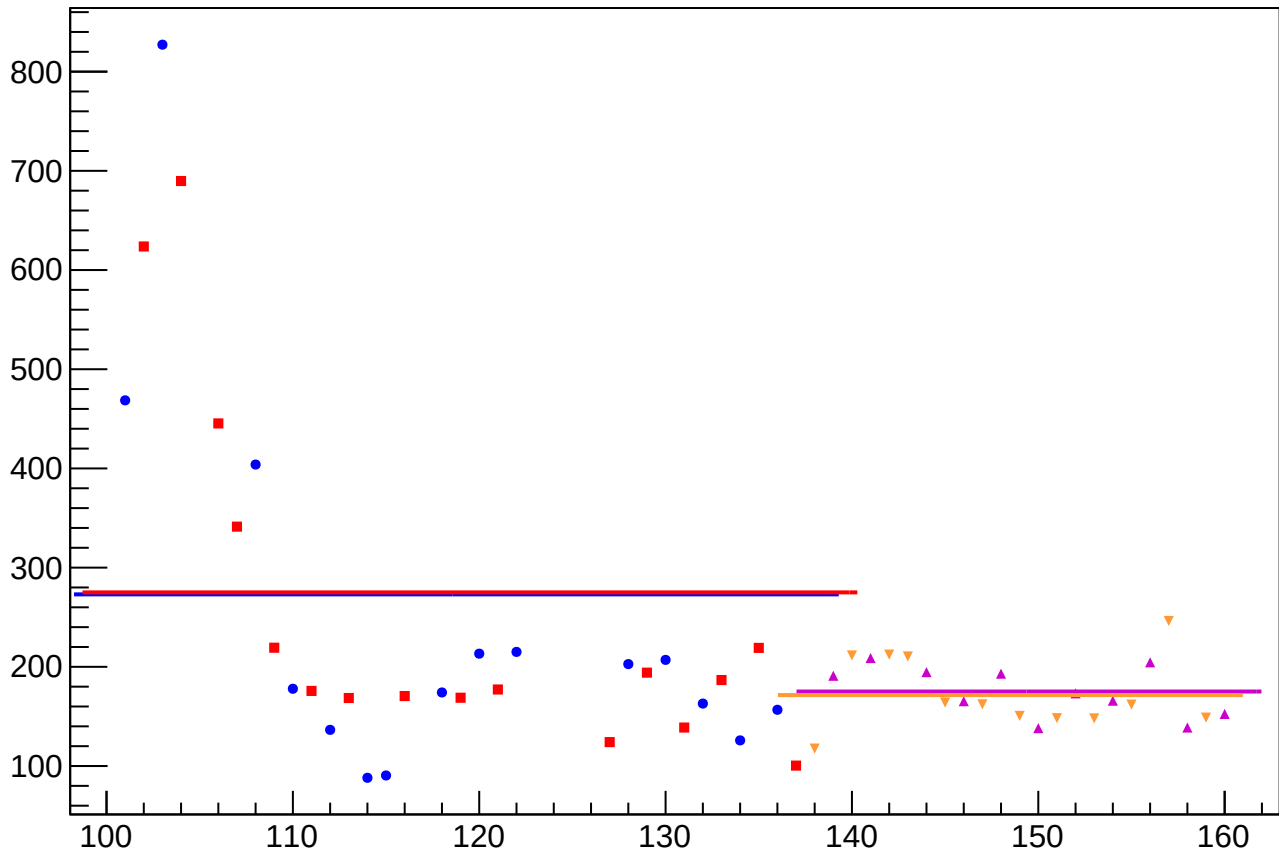
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



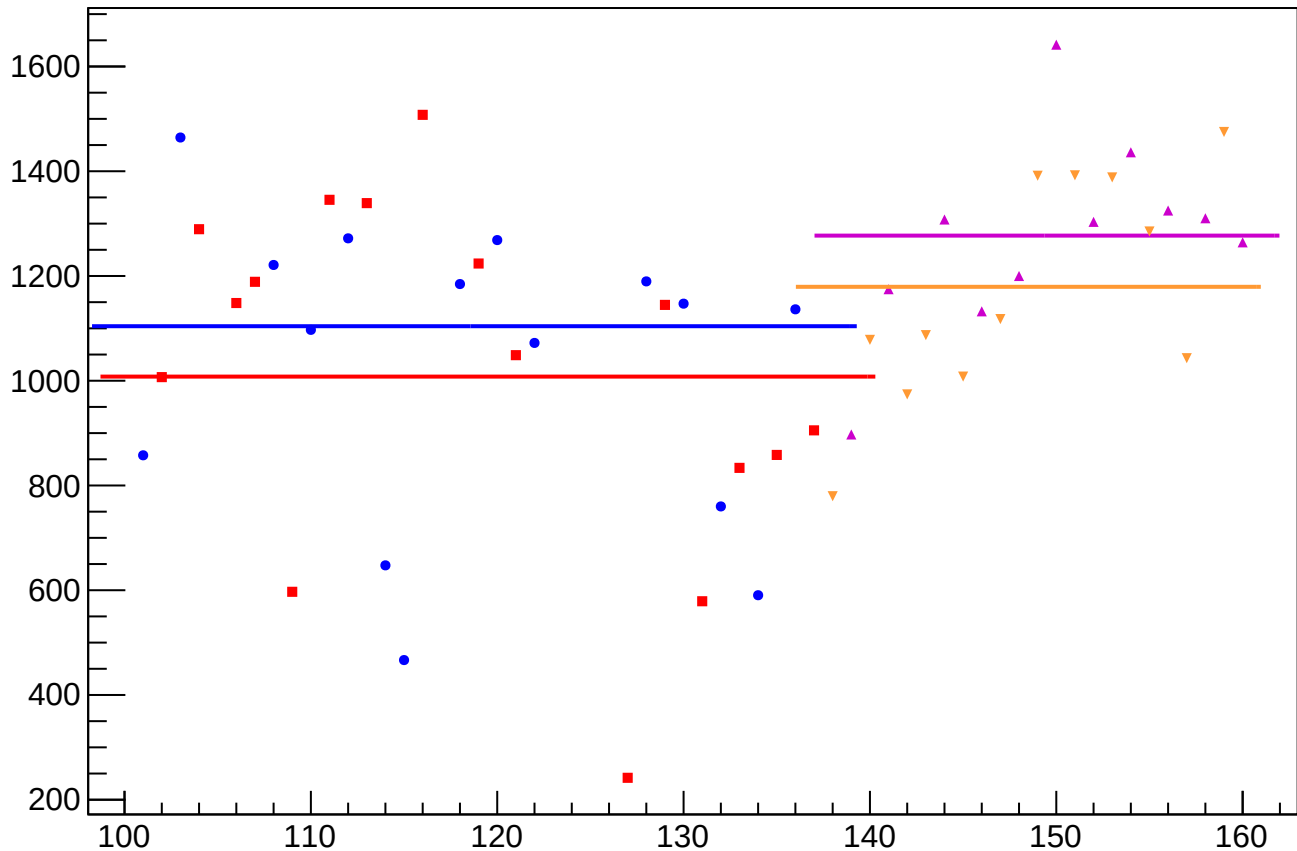
Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287+/-0.000 χ^2/NDF : 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: -5647.632+/-0.000 χ^2/NDF : 164214312908035645215126356935491715072.0/10

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 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 +/- 0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

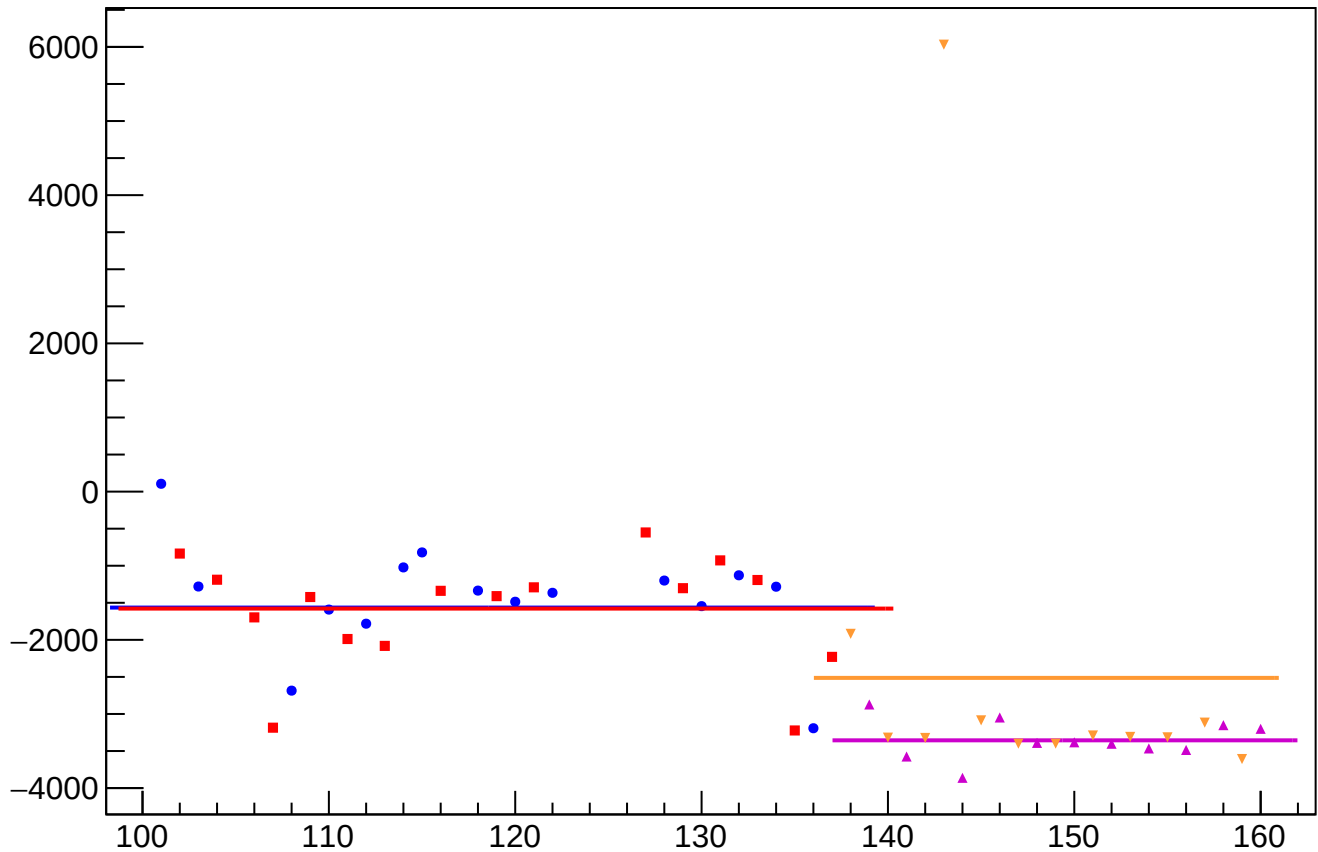
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100 +/- 0.000 χ^2/NDF : 73628368958625

All: 1156.244 +/- 0.000 χ^2/NDF : 20056102034

- sign 1164.243 +/- 0.000 χ^2/NDF : 12672719249309

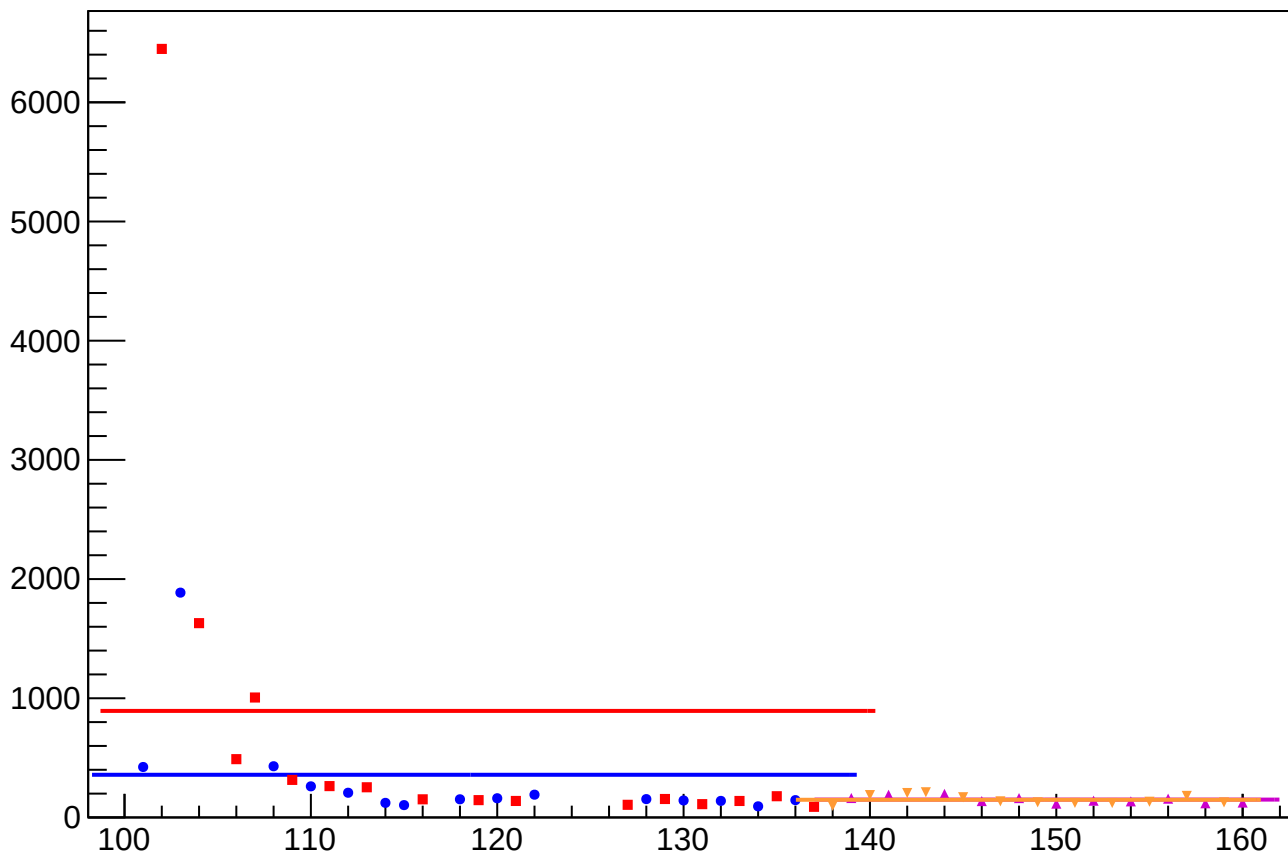
dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -2513.182+/-0.000	χ^2/NDF : 5431127813565364988673729418683400323072.0/11
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3355.712+/-0.000	χ^2/NDF : 61603128430044333980990125877093203968.0/10

+ sign -2119.303+/-0.000 χ^2/NDF : 6256498974115
 All: -2367.087+/-0.000 χ^2/NDF : 8100740550
 - sign -2610.511+/-0.000 χ^2/NDF : 1654003244515

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.359+/-0.000 χ^2/NDF : 1090286331733366082581256970807803904.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

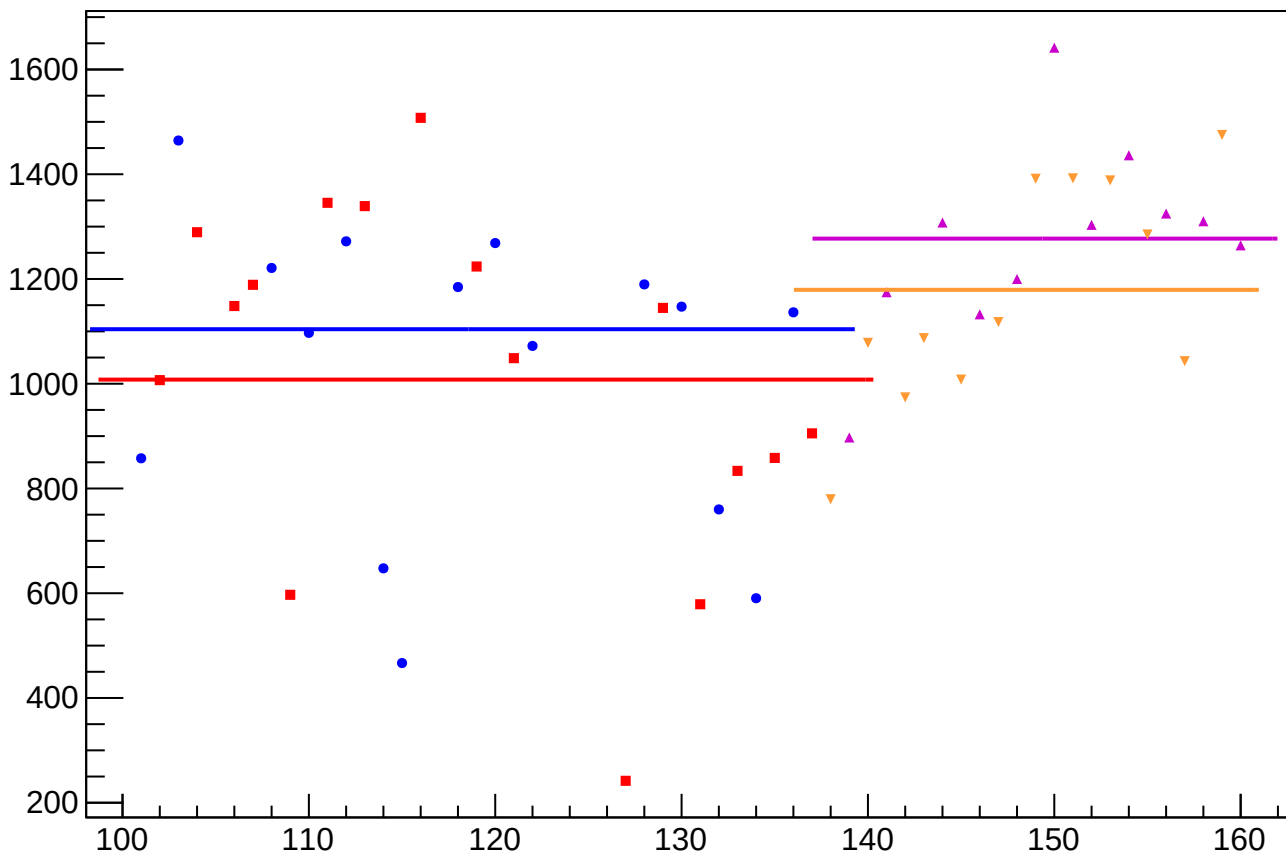
Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

+ sign 235.441+/-0.000 χ^2/NDF : 175705325010705

All: 349.608+/-0.000 χ^2/NDF : 250712105972

- sign 461.767+/-0.000 χ^2/NDF : 229102929368244

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

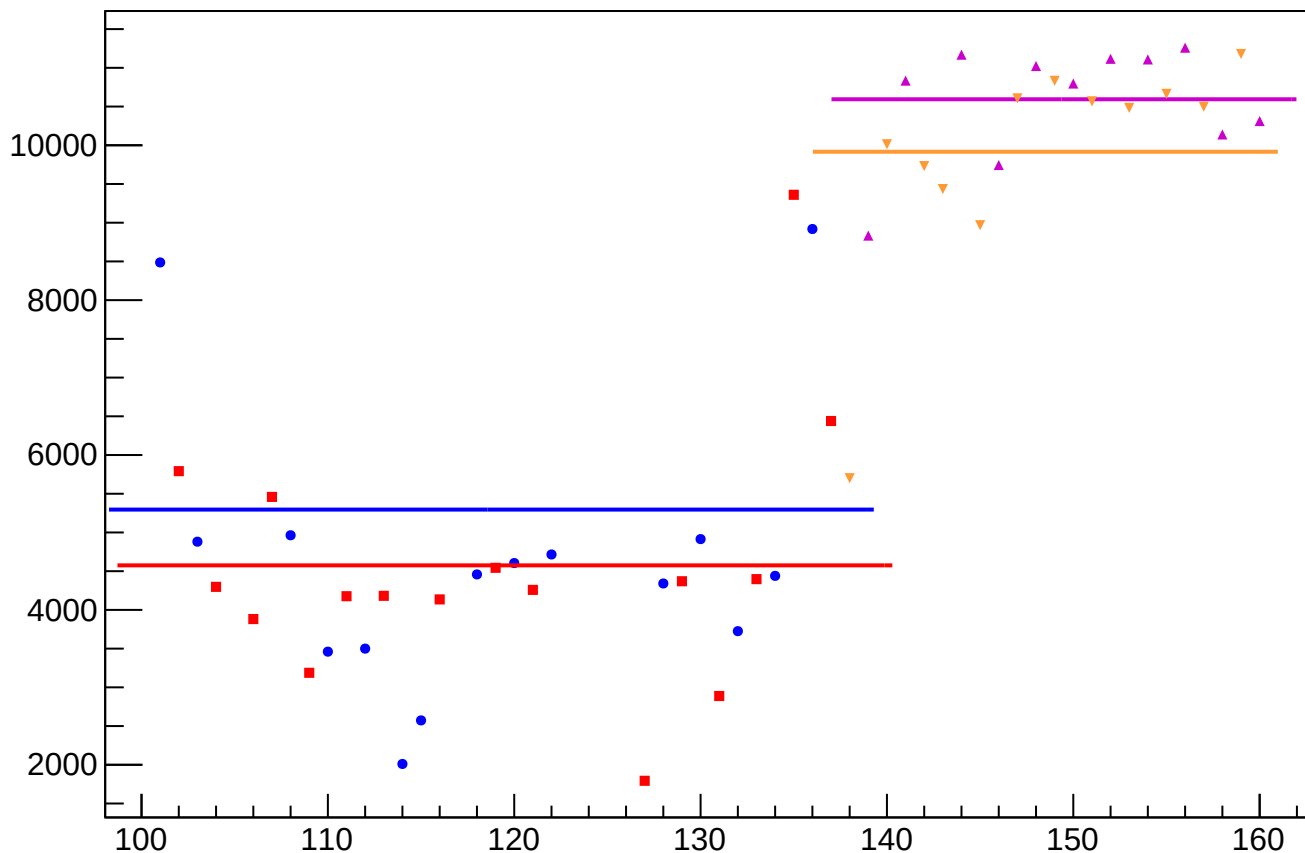
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

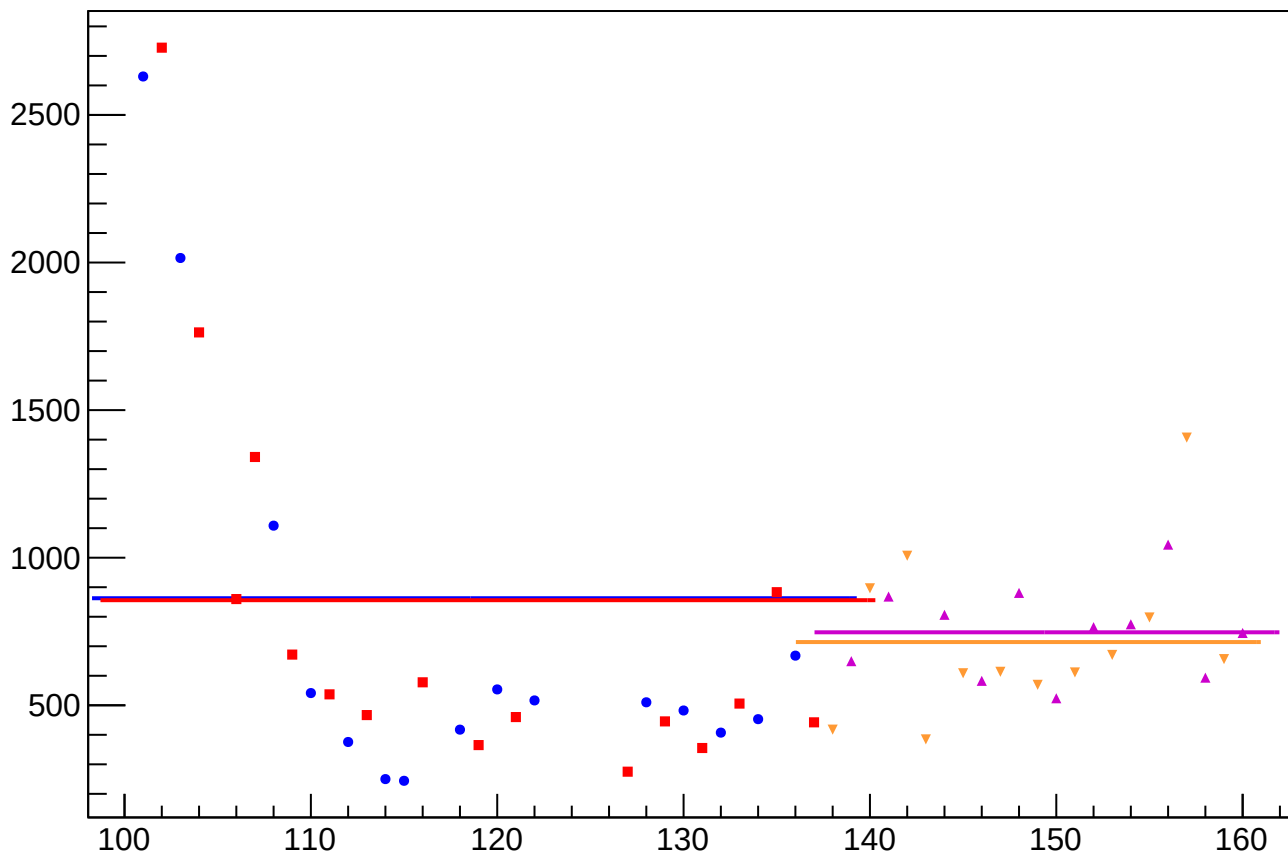
dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420+/-0.000 χ^2/NDF : 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095+/-0.000 χ^2/NDF : 469955671378487676963254464485150162944.0/10

+ sign 7997.682+/-0.000 χ^2/NDF : 12450212042378
 All: 8034.568+/-0.000 χ^2/NDF : 28820720034
 - sign 8070.804+/-0.000 χ^2/NDF : 16366292406753

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 714.221+/-0.000 χ^2/NDF : 63936823657083124140922251637065515008.0/11

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

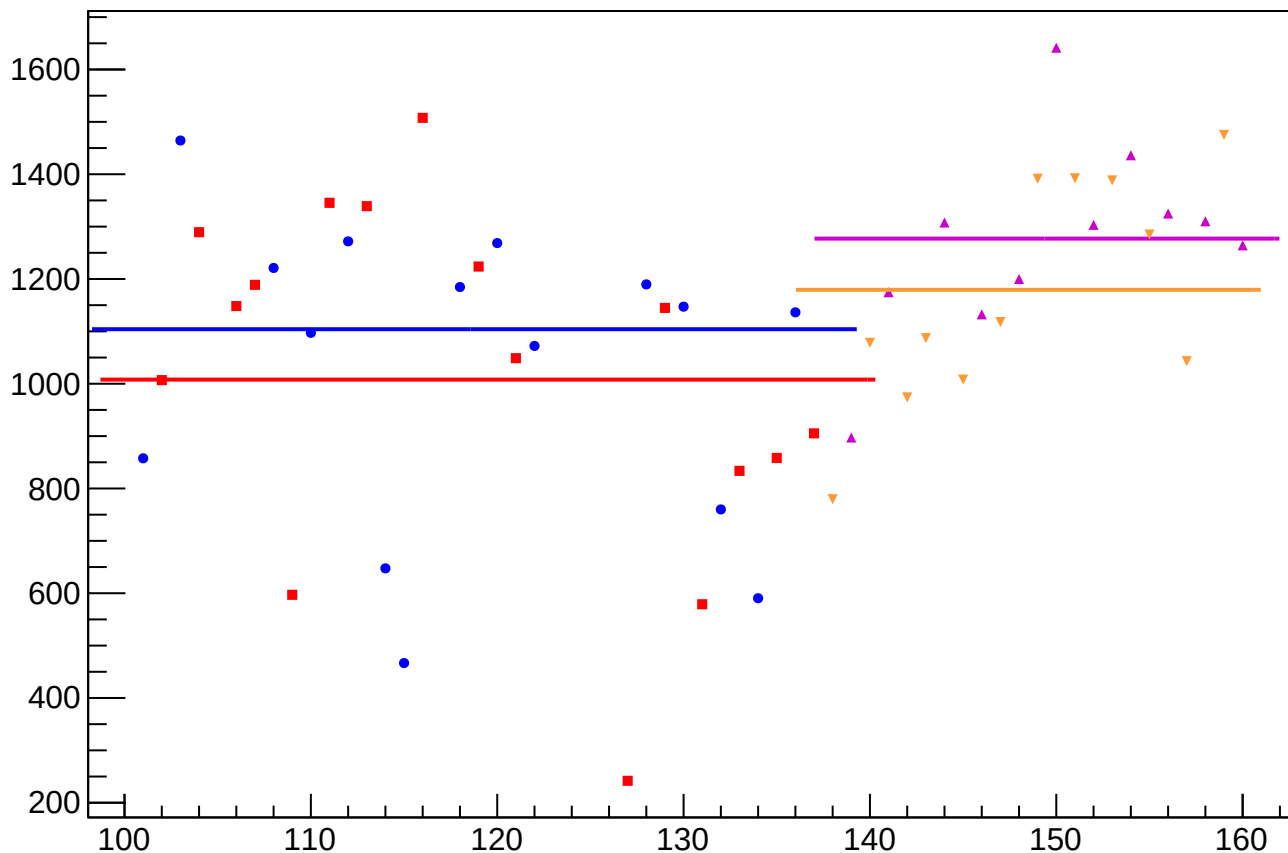
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ sign 775.866+/-0.000 χ^2/NDF : 409985766107580

All: 784.449+/-0.000 χ^2/NDF : 76167219523

- sign 792.881+/-0.000 χ^2/NDF : 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

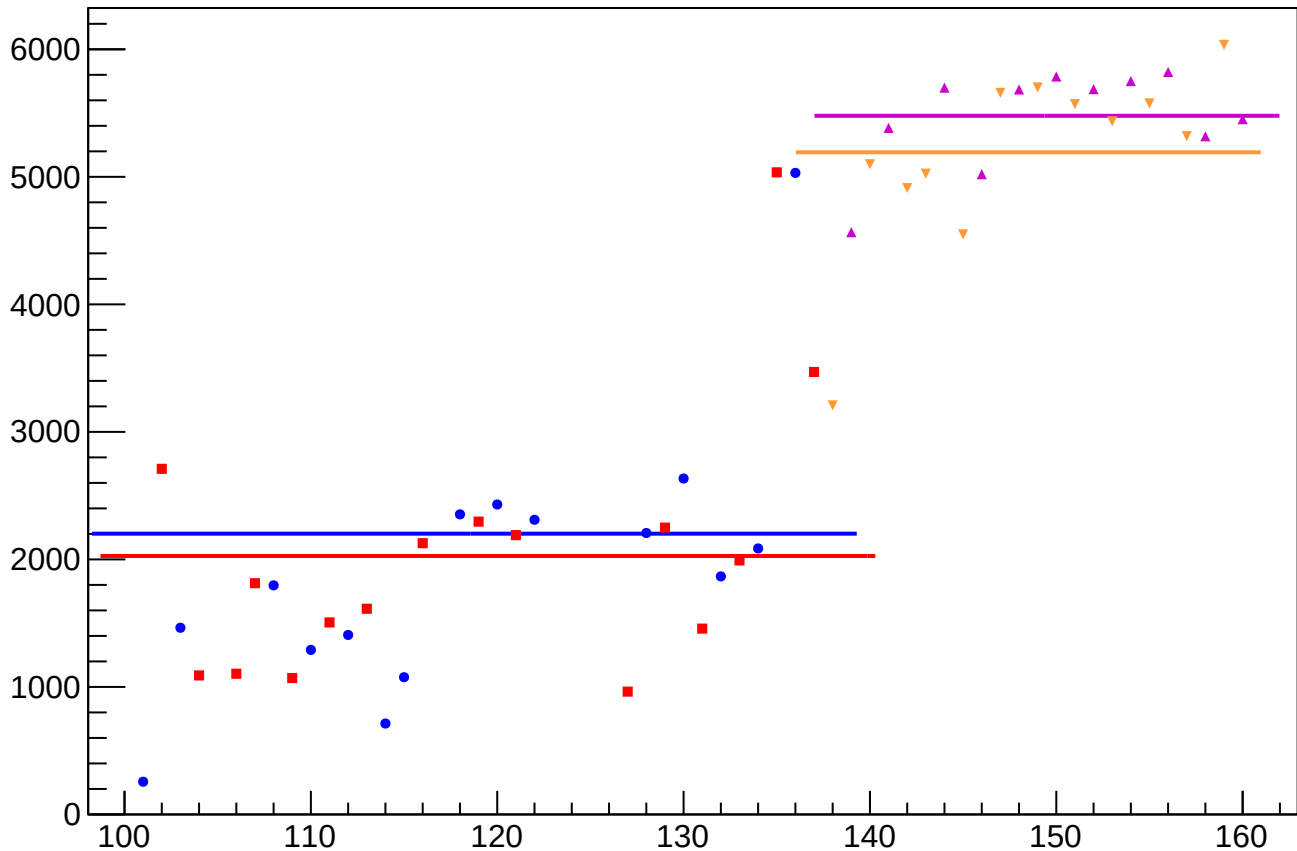
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

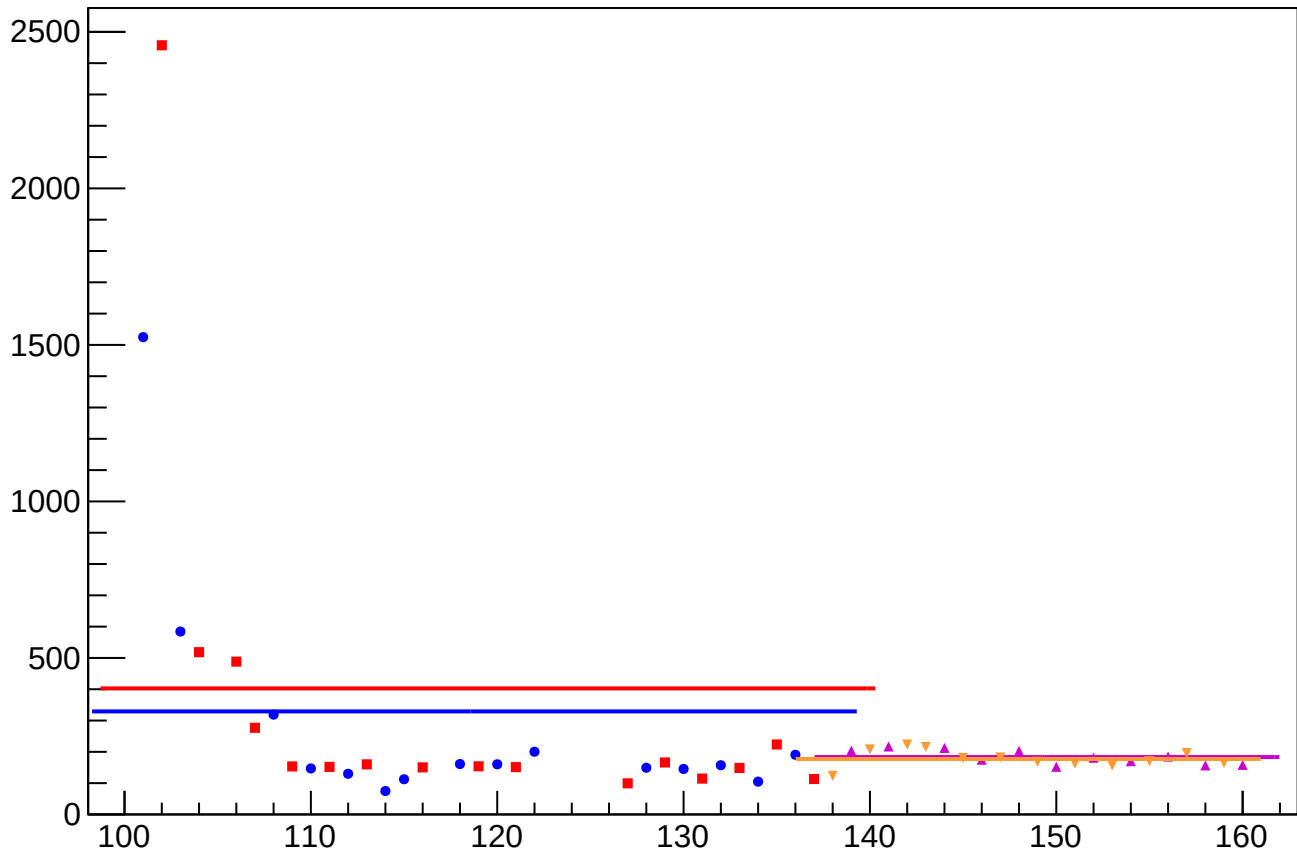
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5192.476+/-0.000 χ^2/NDF : 470317118435532937200148346508624789504.0/11
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5478.713+/-0.000 χ^2/NDF : 124186054771424011873849346802583601152.0/10

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 177.101+/-0.000 χ^2/NDF : 604256347376555065664943941601984512.0/11

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

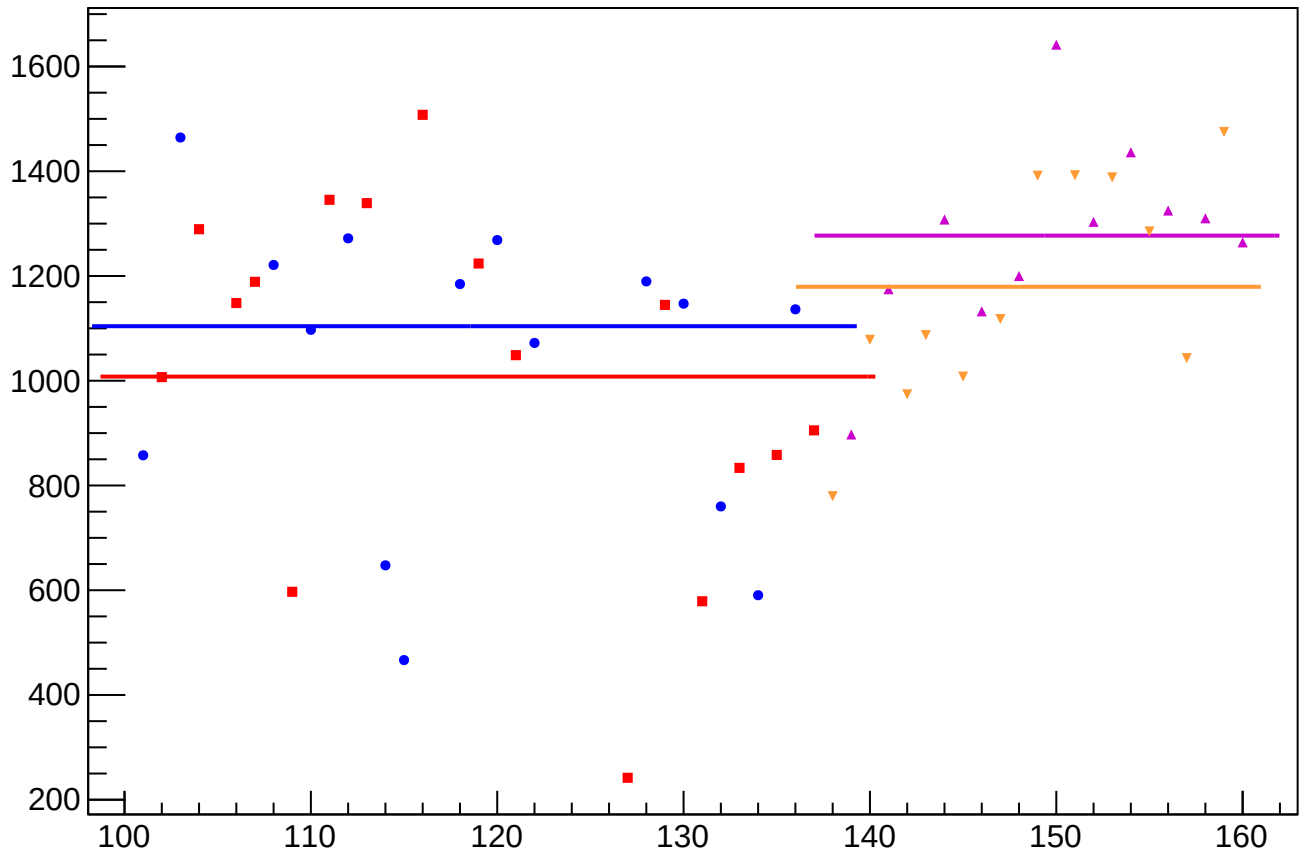
Left In: 183.411+/-0.000 χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF : 112672514913123

All: 257.960+/-0.000 χ^2/NDF : 41035727361

- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

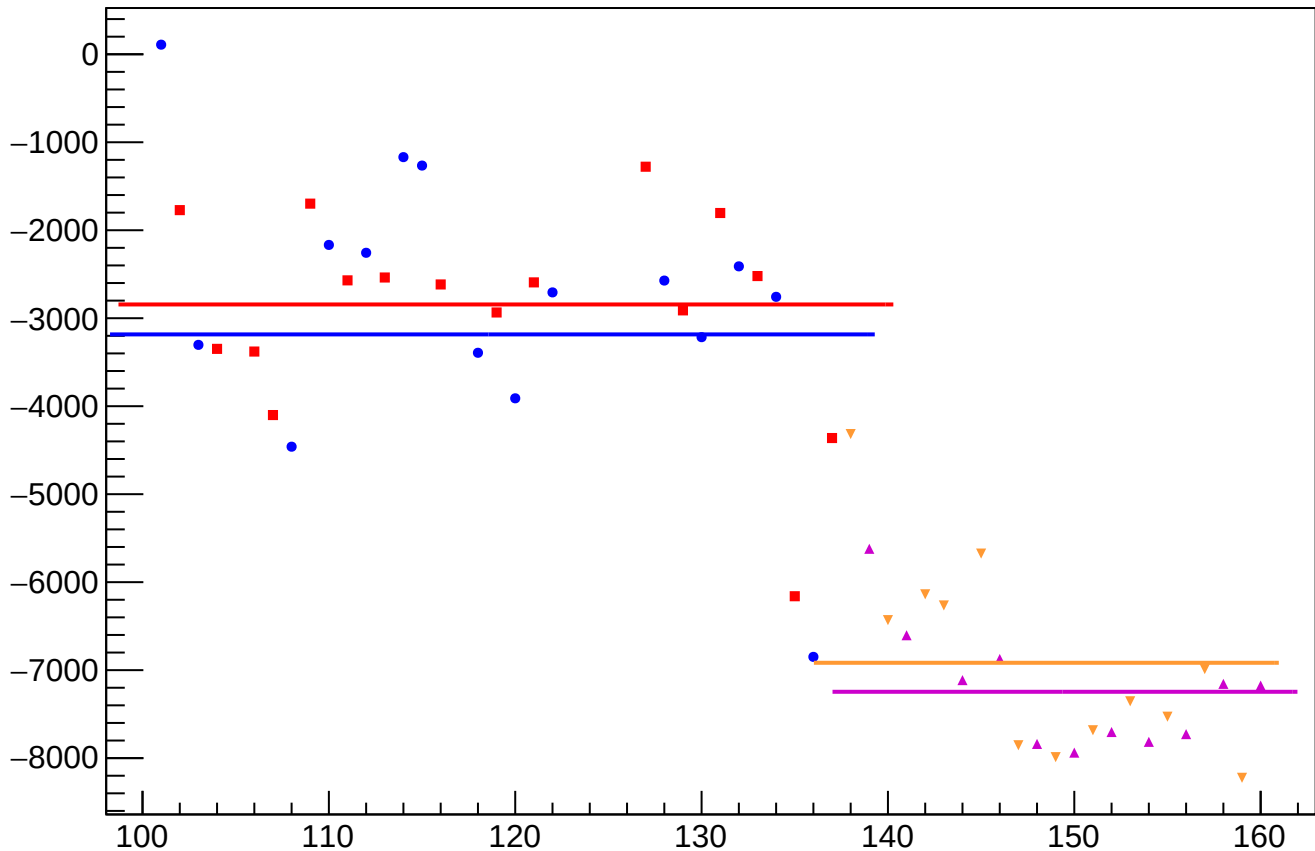
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

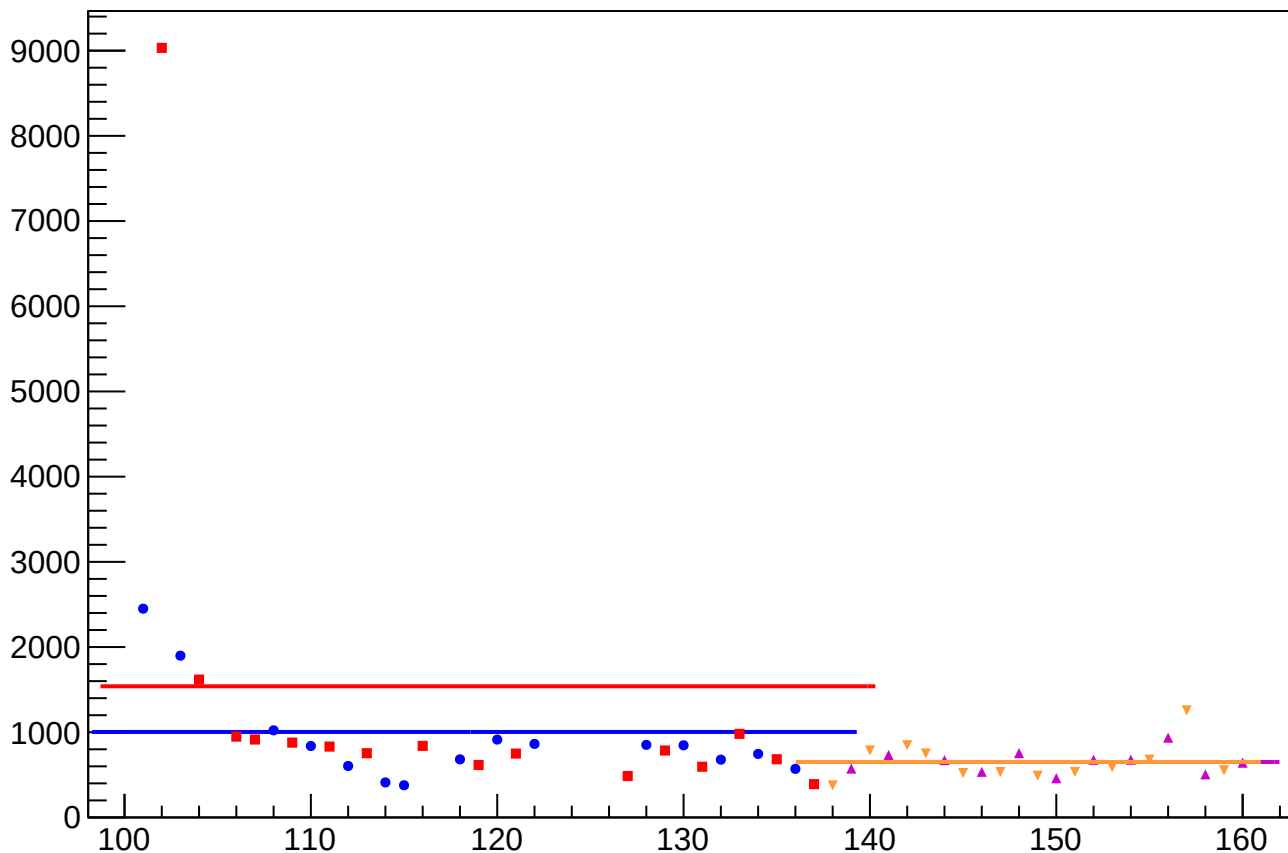
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -6916.269+/-0.000 χ^2/NDF : 1116807093678978049721043579861444067328.0/11
 Right Out: -2843.597+/-0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: -7245.920+/-0.000 χ^2/NDF : 401760462783969098772010925007315140608.0/10

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

+ sign 797.669+/-0.000 χ^2/NDF : 312371598473089

Left Out: 651.582+/-0.000 χ^2/NDF : 45579416700188389340899783793497341952.0/11

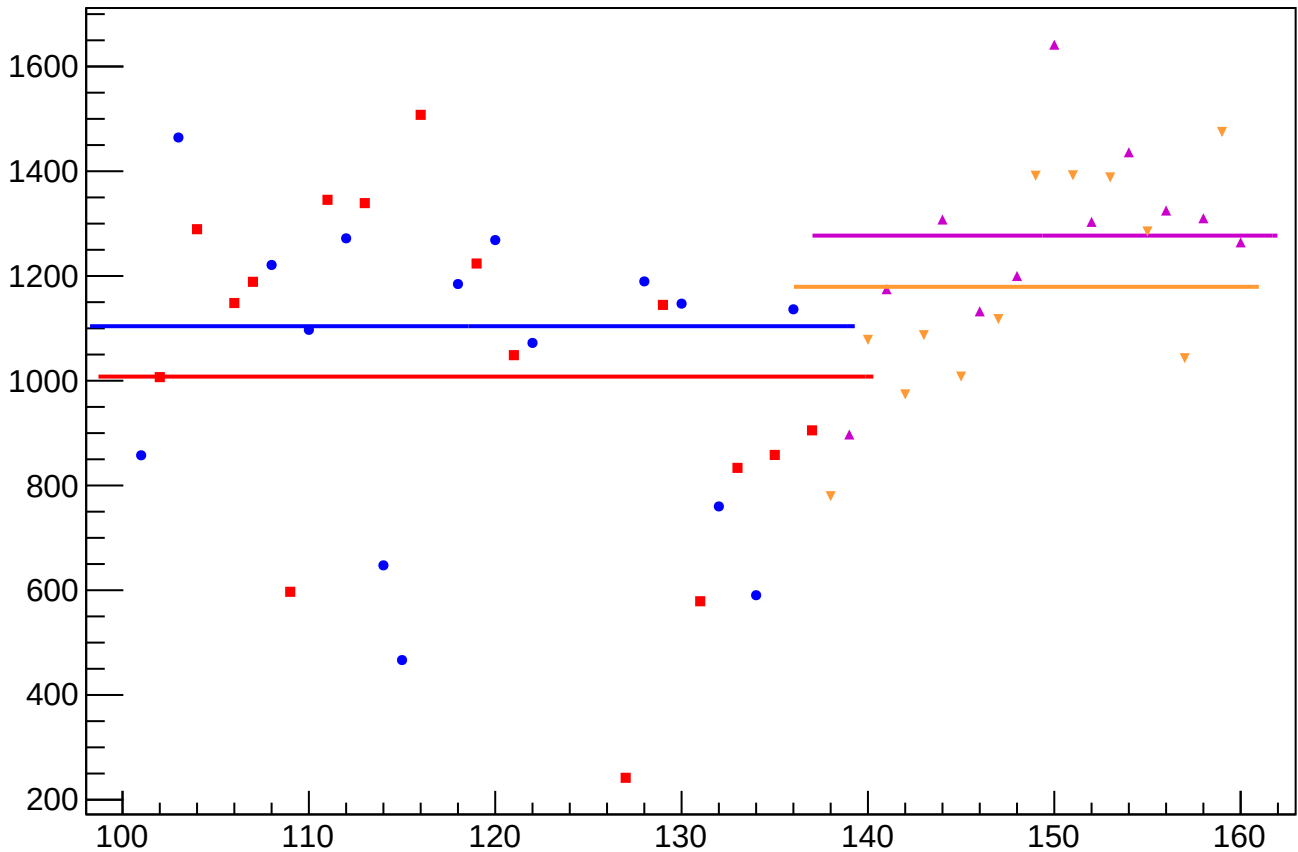
All: 911.528+/-0.000 χ^2/NDF : 428810018273

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

- sign 1023.383+/-0.000 χ^2/NDF : 39355602156889

Left In: 650.769+/-0.000 χ^2/NDF : 14776465774858799846922535858394365952.0/10

dit_atr2_coil3_Ndata_mean vs Slug



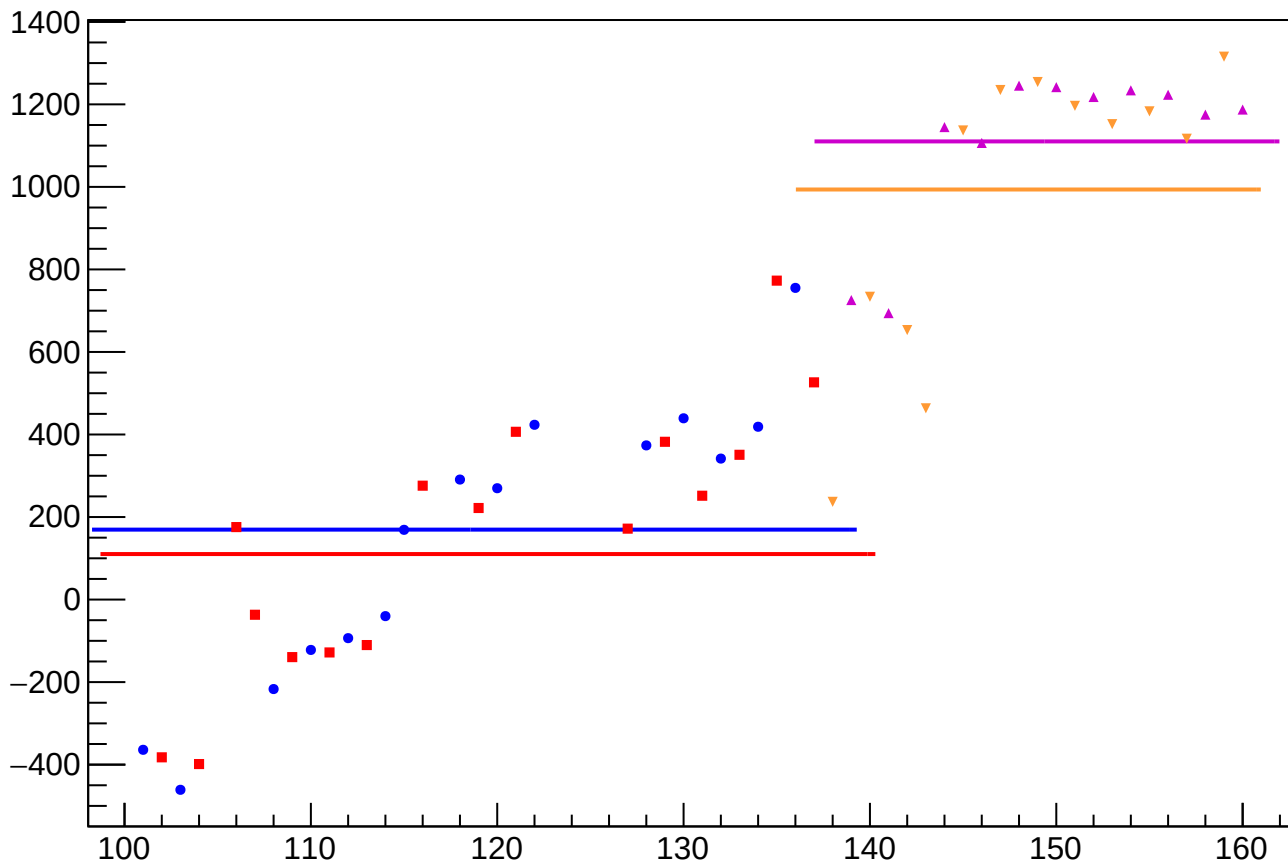
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 993.680+/-0.000 χ^2/NDF : 103871744093271862136270527542037839872.0/11

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

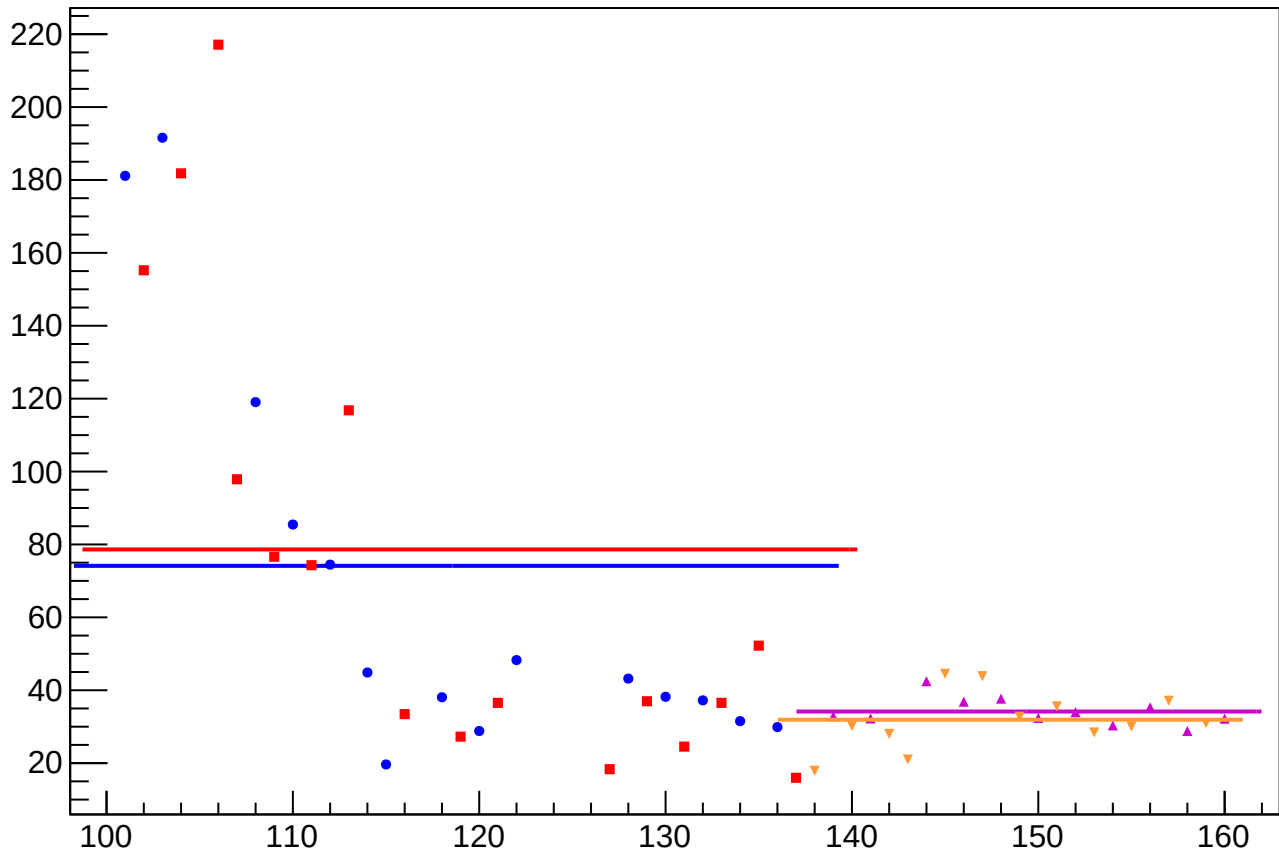
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ sign 651.454+/-0.000 χ^2/NDF : 457110601754155

All: 671.406+/-0.000 χ^2/NDF : 951499306925

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF : 52391134971476446801164737802403840.0/11

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

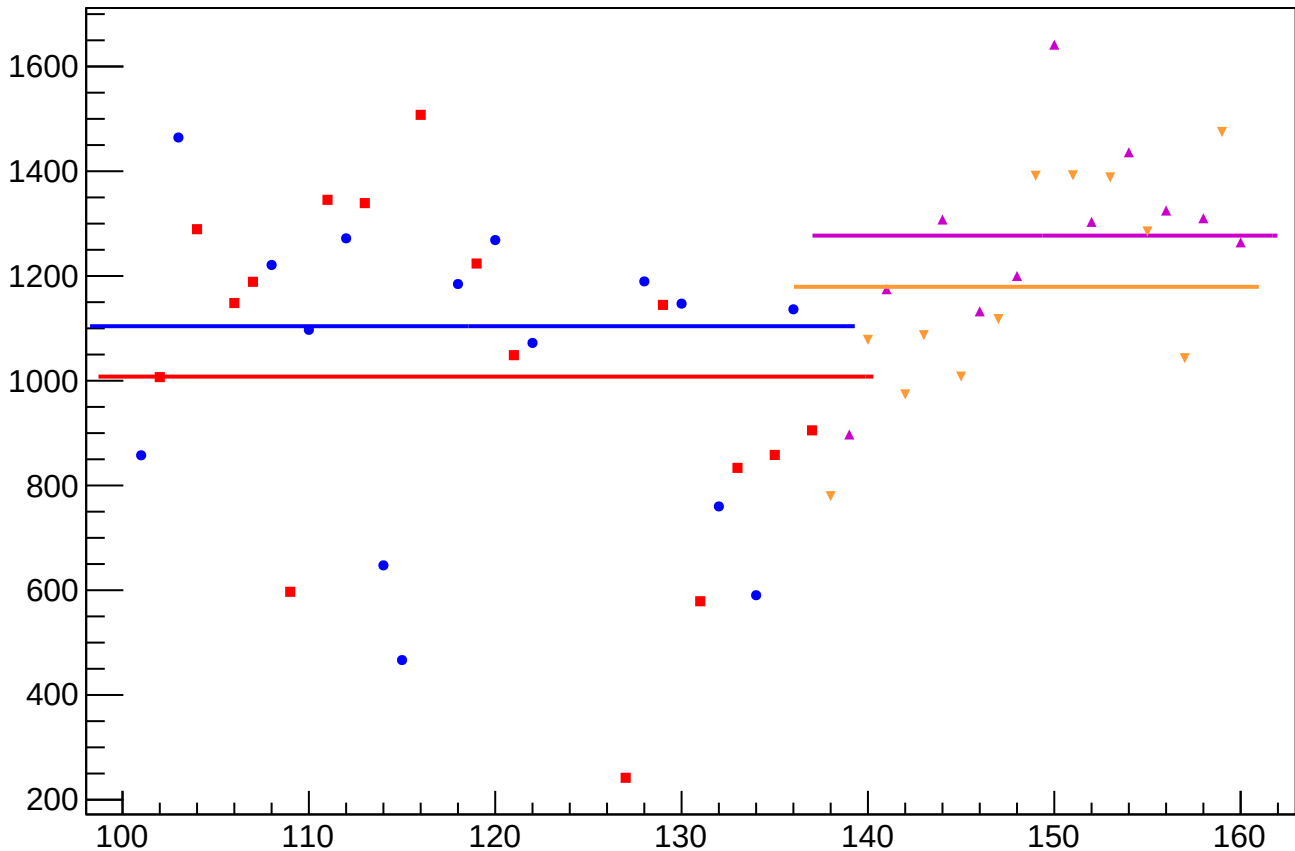
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.444+/-0.000 χ^2/NDF : 2897043511629601

All: 51.139+/-0.000 χ^2/NDF : 6027926549606

- sign 52.804+/-0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

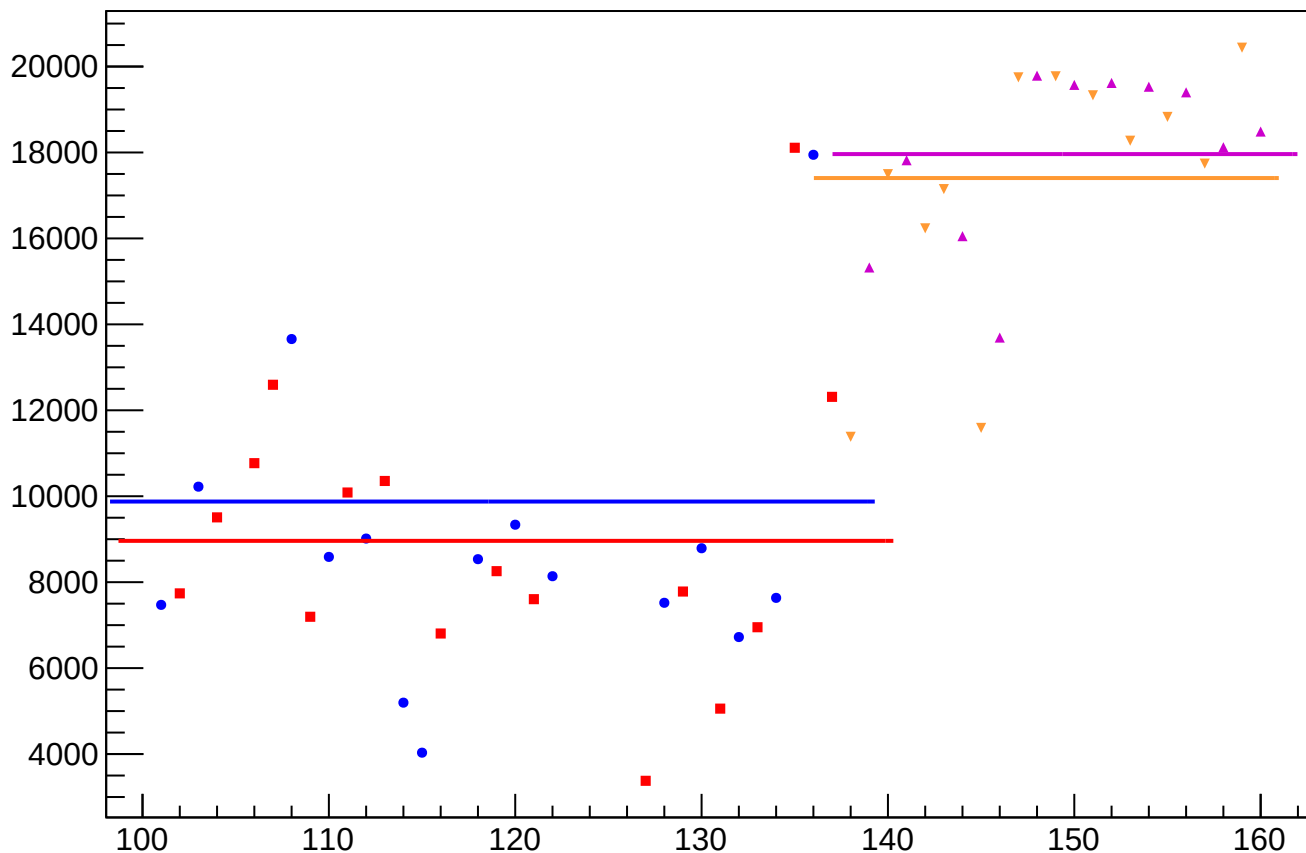
Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

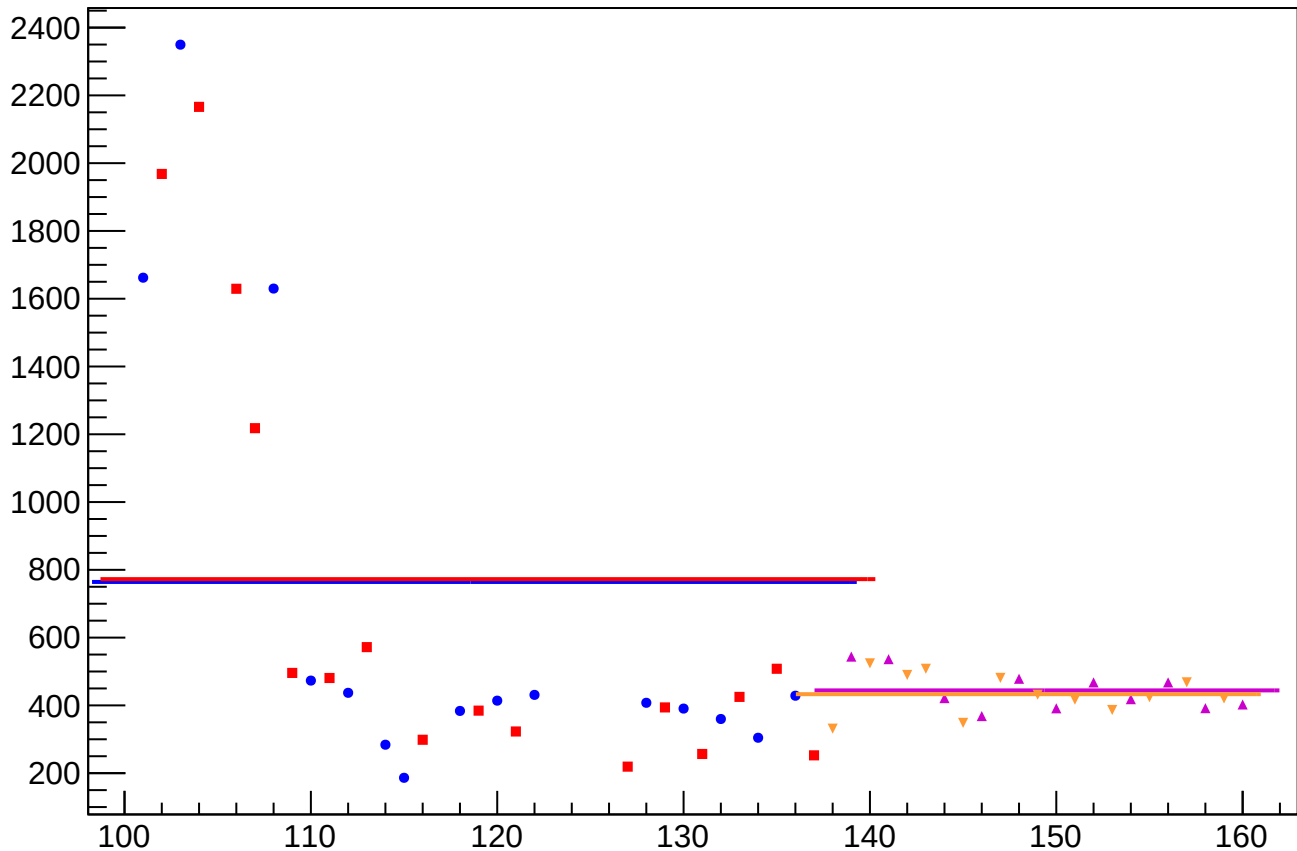
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

dit_sam2_coil3_mean vs Slug



Right In: 9876.530 $\pm$ 0.000 χ^2 /NDF: 8483360287053054122301651905797133697024.0/14
 Left Out: 17405.049 $\pm$ 0.000 χ^2 /NDF: 7689801671099378791544545422175664865280.0/11
 Right Out: 8961.593 $\pm$ 0.000 χ^2 /NDF: 7583728644146461427304320888408335450112.0/15
 Left In: 17962.529 $\pm$ 0.000 χ^2 /NDF: 3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 433.079+/-0.000 χ^2/NDF : 3070370524438239159273190119476035584.0/11

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

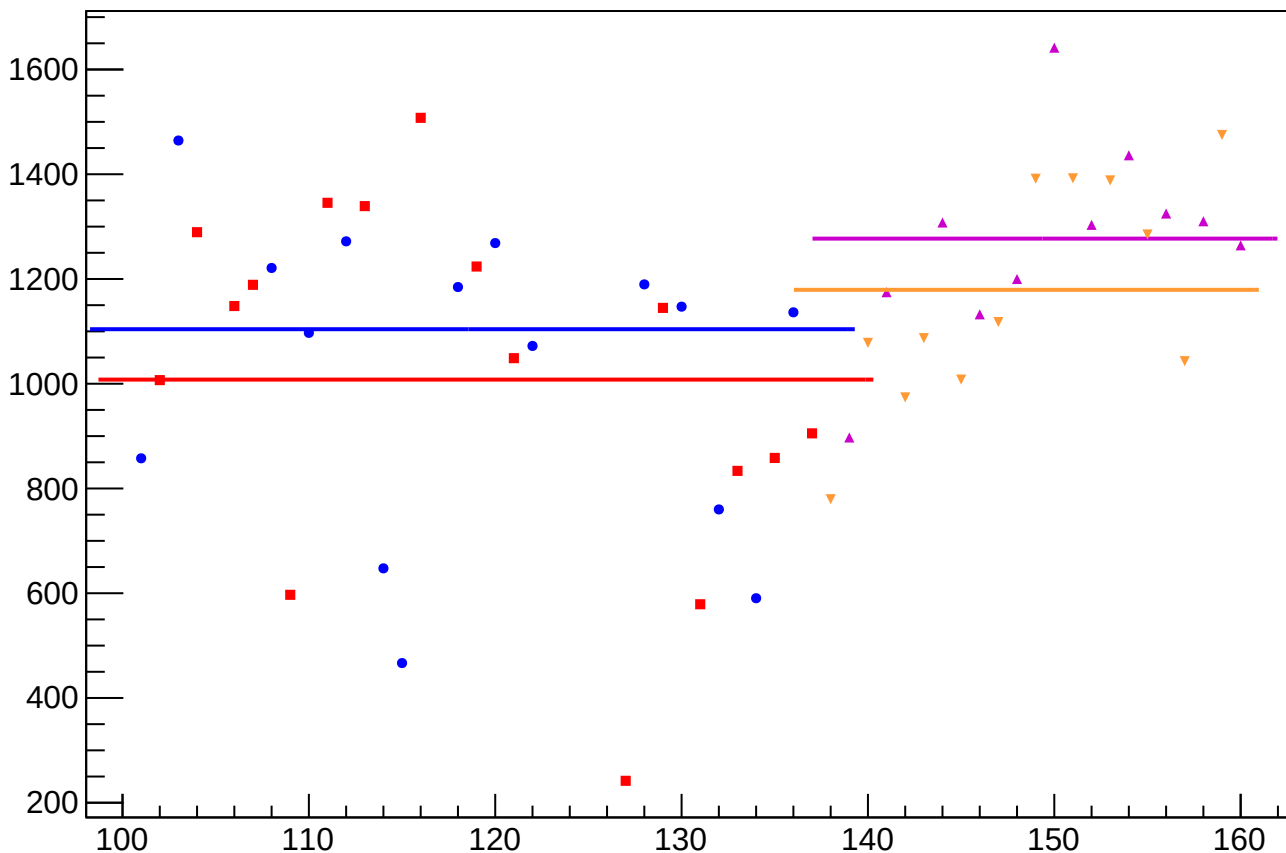
Left In: 444.245+/-0.000 χ^2/NDF : 2906625839452991270105053894151241728.0/10

+ sign 570.604+/-0.000 χ^2/NDF : 335667061264854

All: 576.292+/-0.000 χ^2/NDF : 666328037619

- sign 581.880+/-0.000 χ^2/NDF : 330560730510906

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

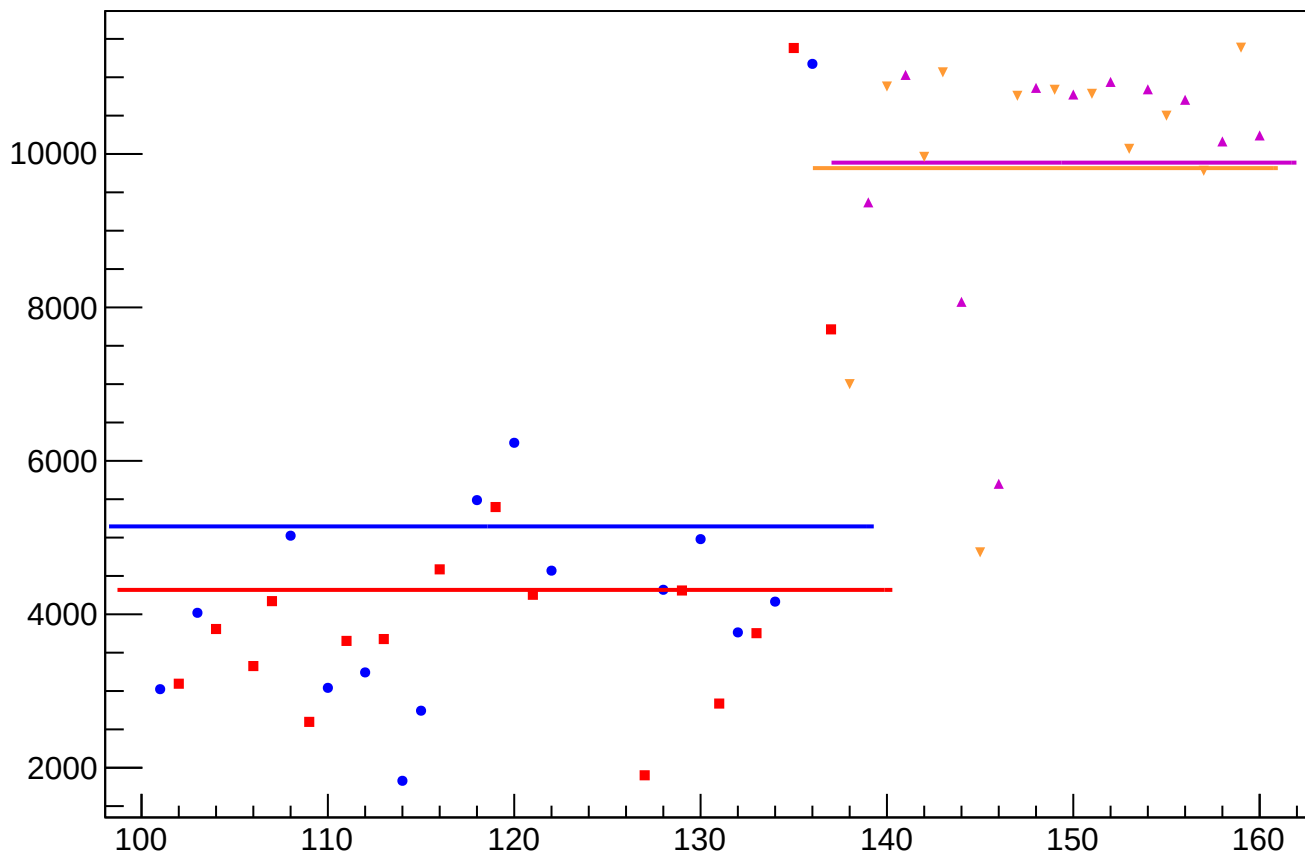
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

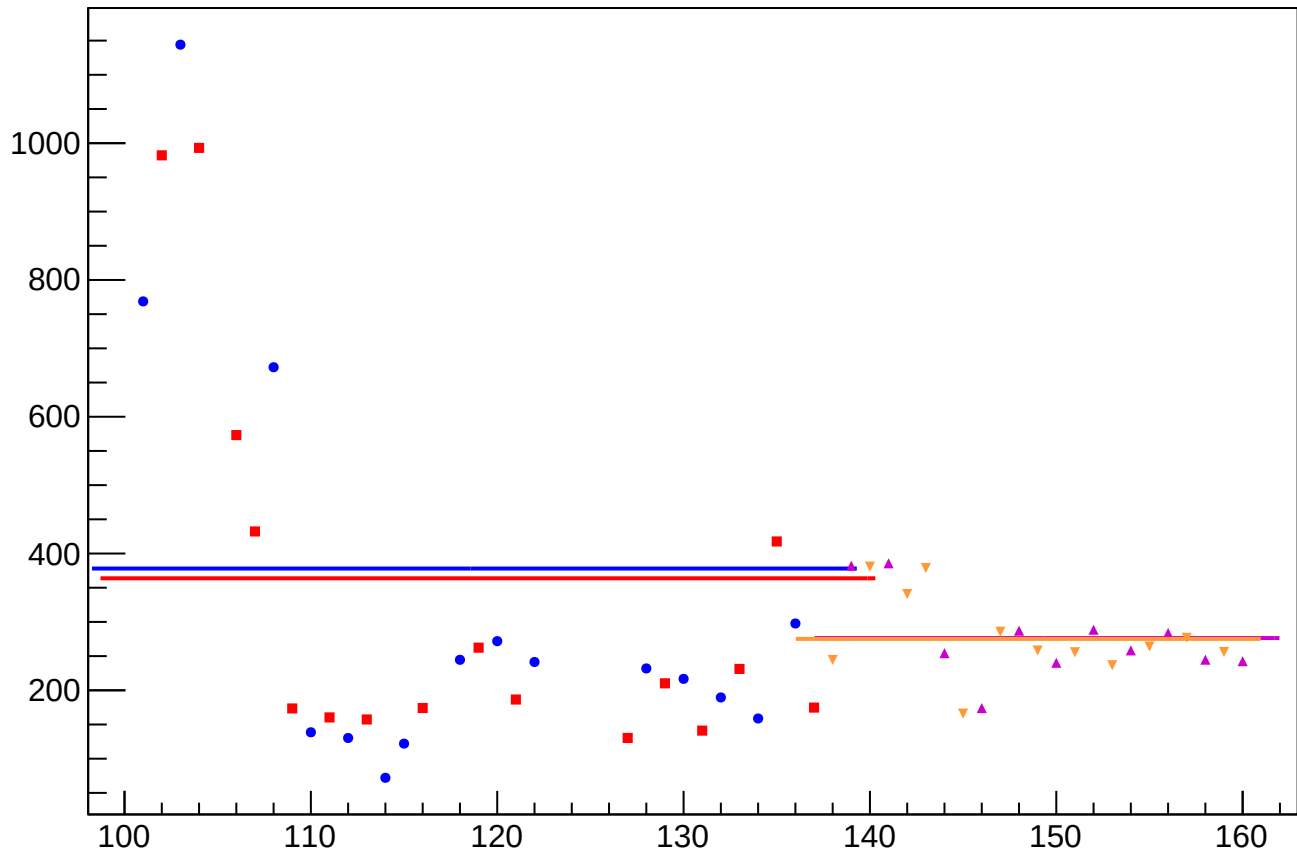
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9815.736+/-0.000 χ^2/NDF : 3242126212507286714618316704208262266880.0/11
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 9887.069+/-0.000 χ^2/NDF : 2278516780225824082632420288802127347712.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 275.181+/-0.000 χ^2/NDF : 3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

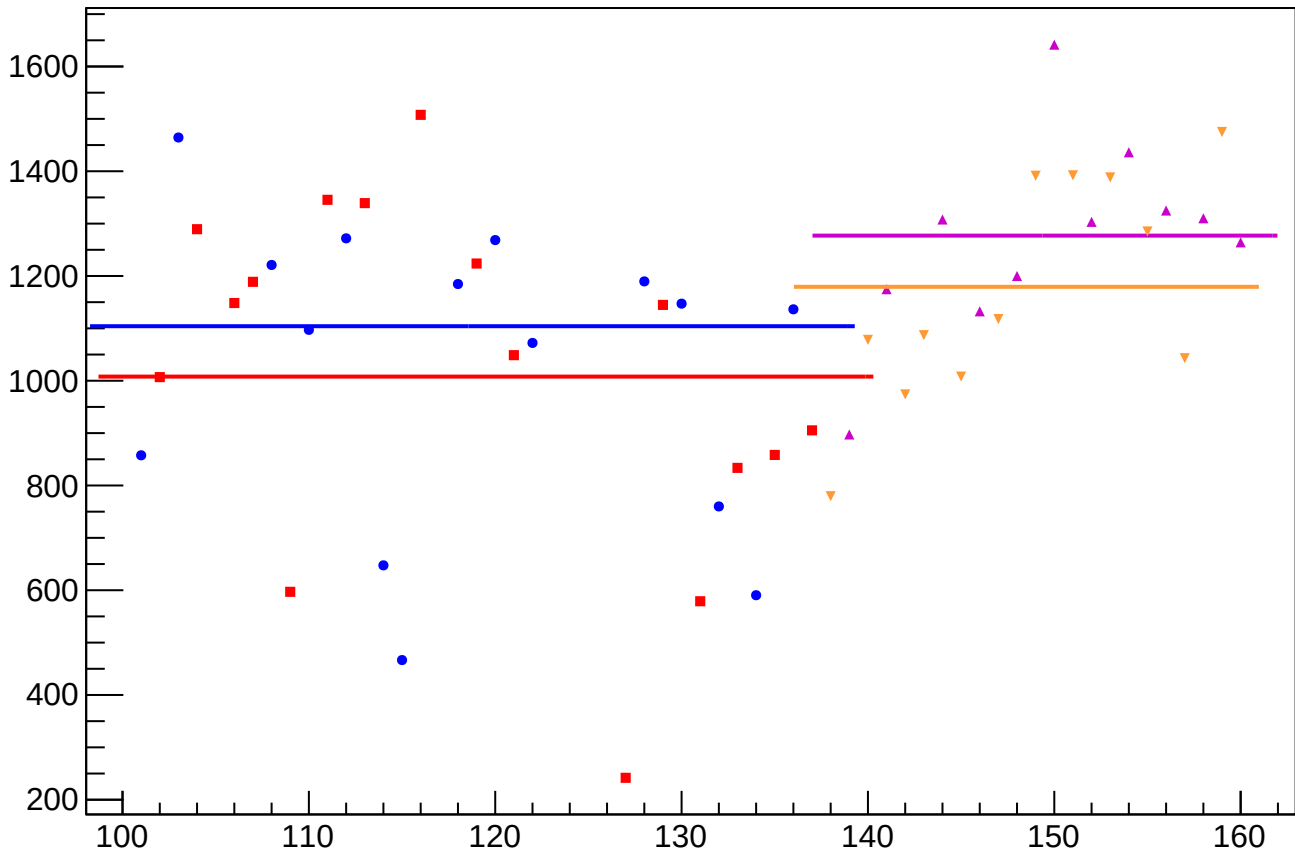
Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

+ sign 317.896+/-0.000 χ^2/NDF : 685967694208858

All: 315.450+/-0.000 χ^2/NDF : 133778300115

- sign 313.047+/-0.000 χ^2/NDF : 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

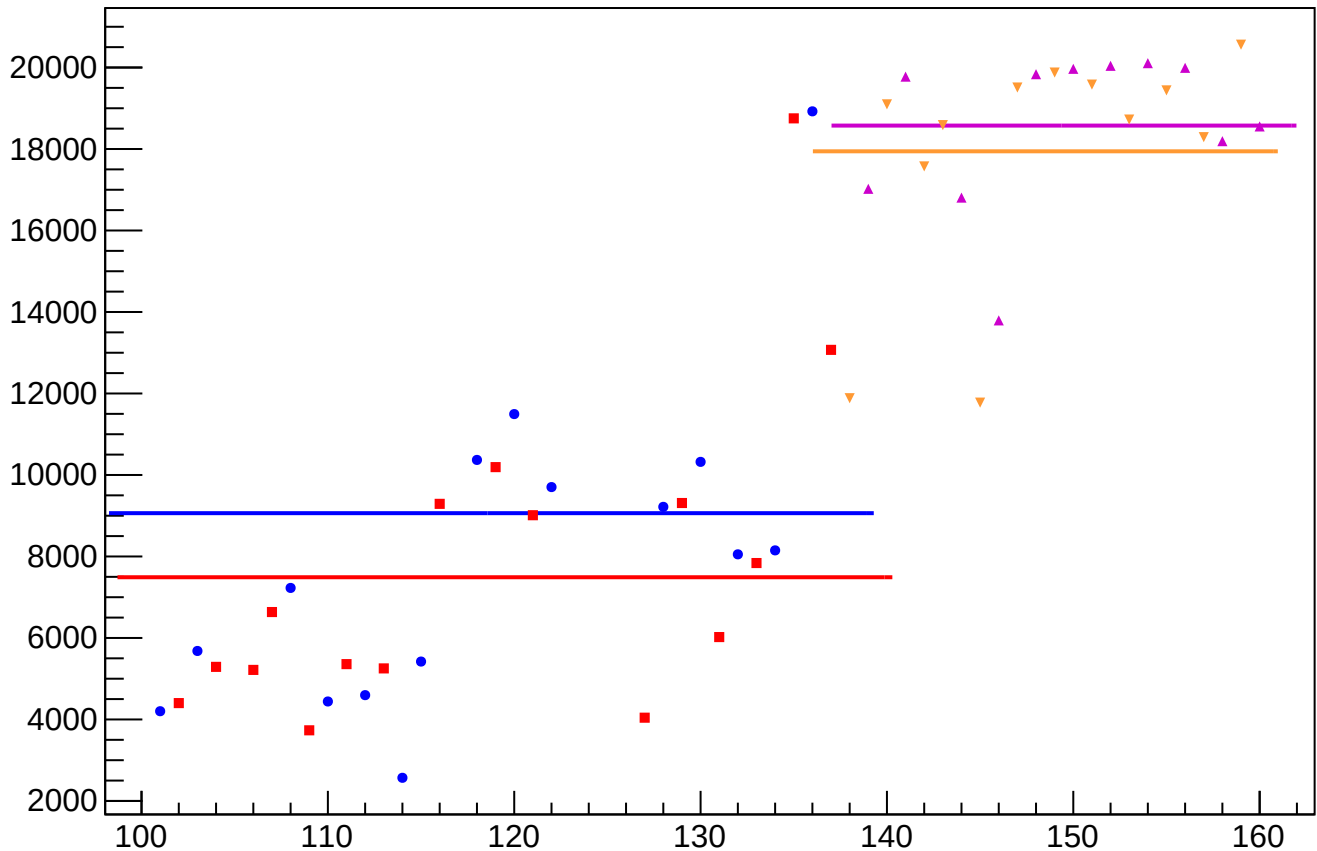
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

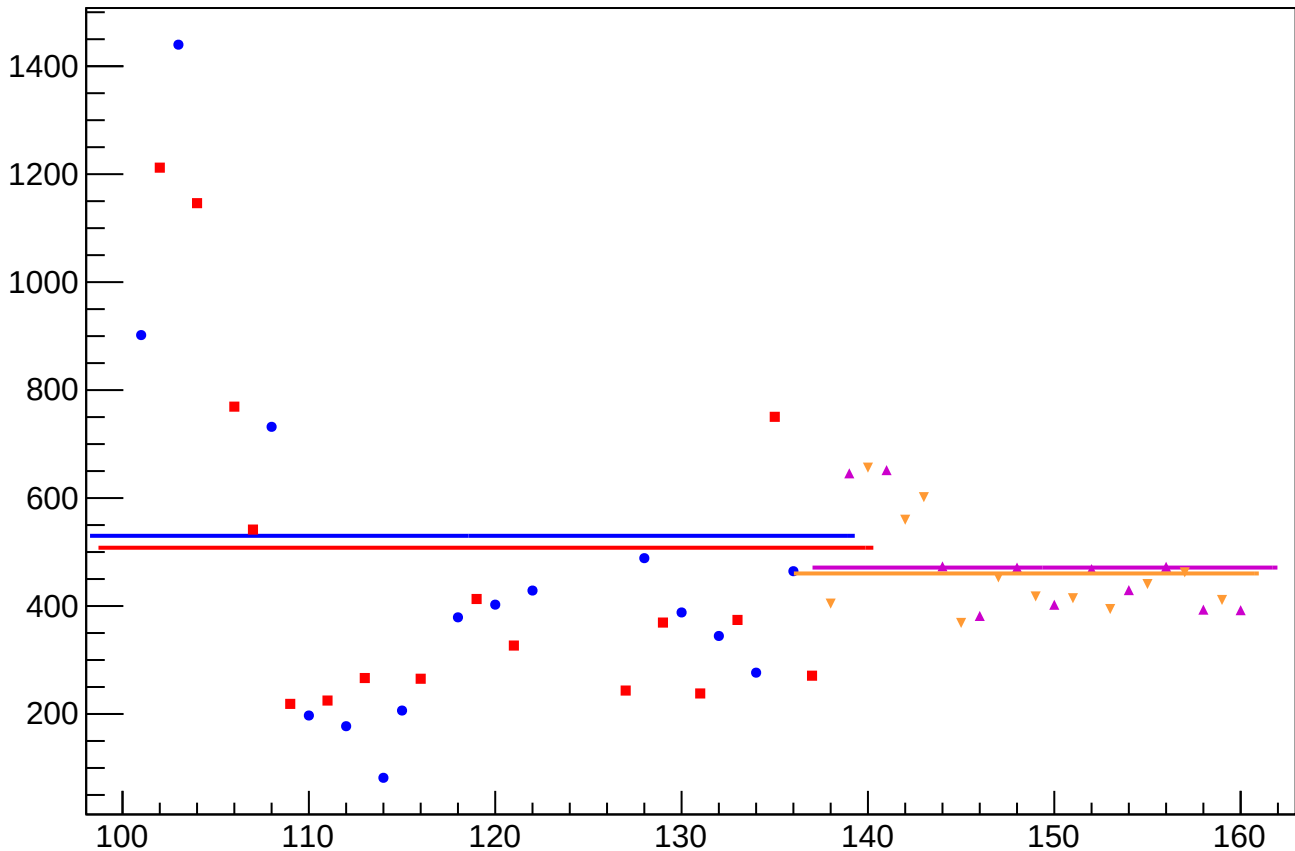
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17943.531+/-0.000 χ^2/NDF : 7473617733274816603280469921274378846208.0/11
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18574.874+/-0.000 χ^2/NDF : 3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 460.312+/-0.000 χ^2/NDF : 6754606428371283053517529701630869504.0/11

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

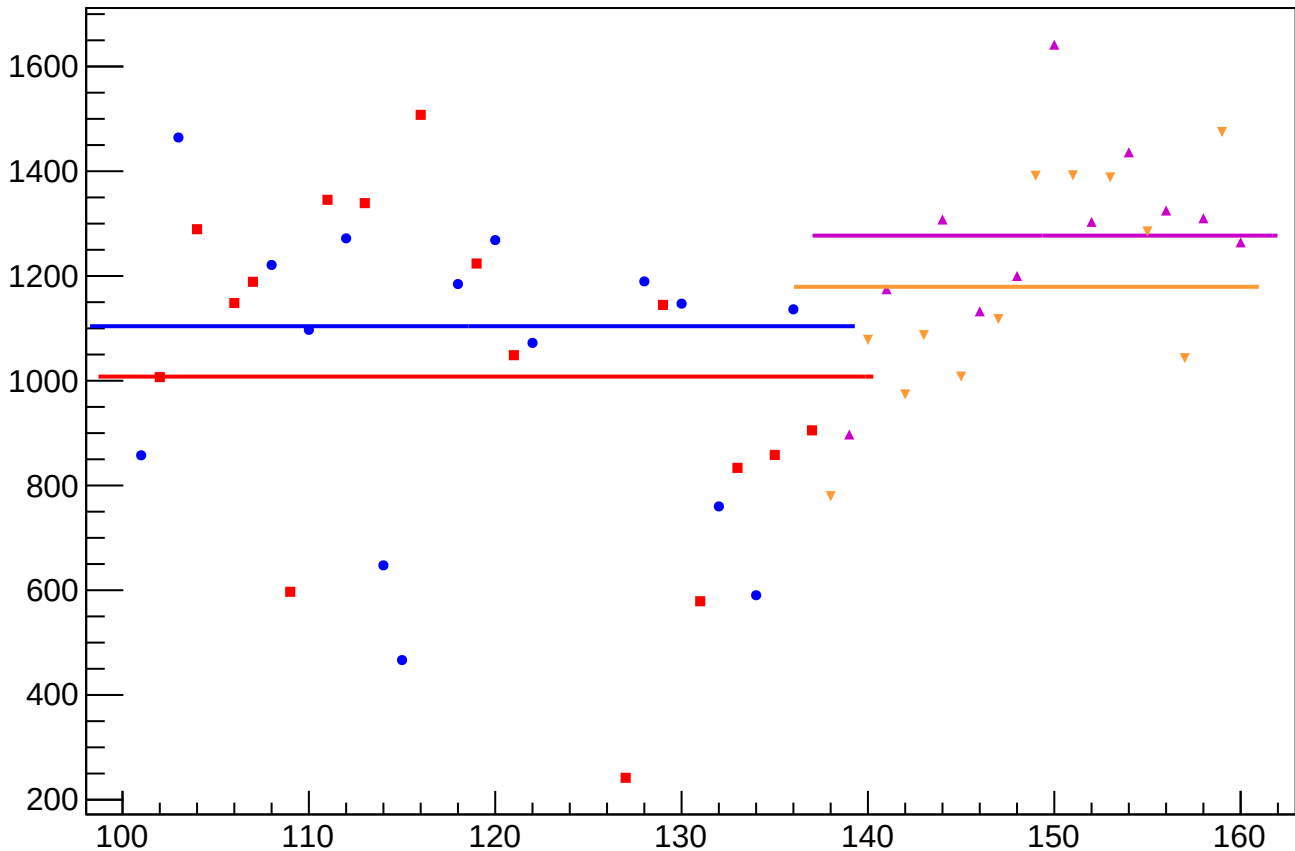
Left In: 471.219+/-0.000 χ^2/NDF : 744597321916033625746772011051745280.0/10

+ sign 489.272+/-0.000 χ^2/NDF : 873553872862030

All: 487.941+/-0.000 χ^2/NDF : 172020251630

- sign 486.633+/-0.000 χ^2/NDF : 846593738129805

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

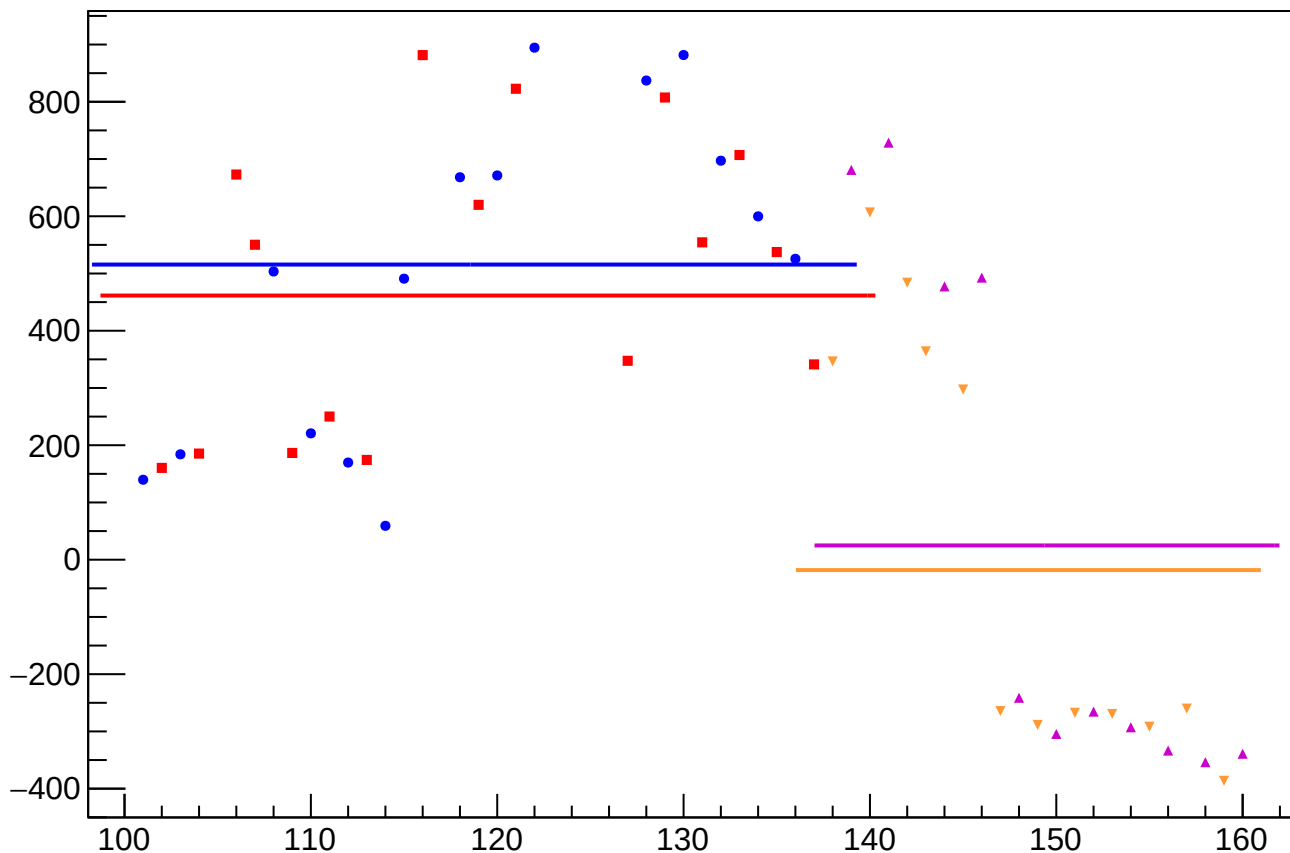
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

+ sign 203.495+/-0.000 χ^2/NDF : 270613075260864

Left Out: -18.146+/-0.000 χ^2/NDF : 114014627327363890146179797072763420672.0/11

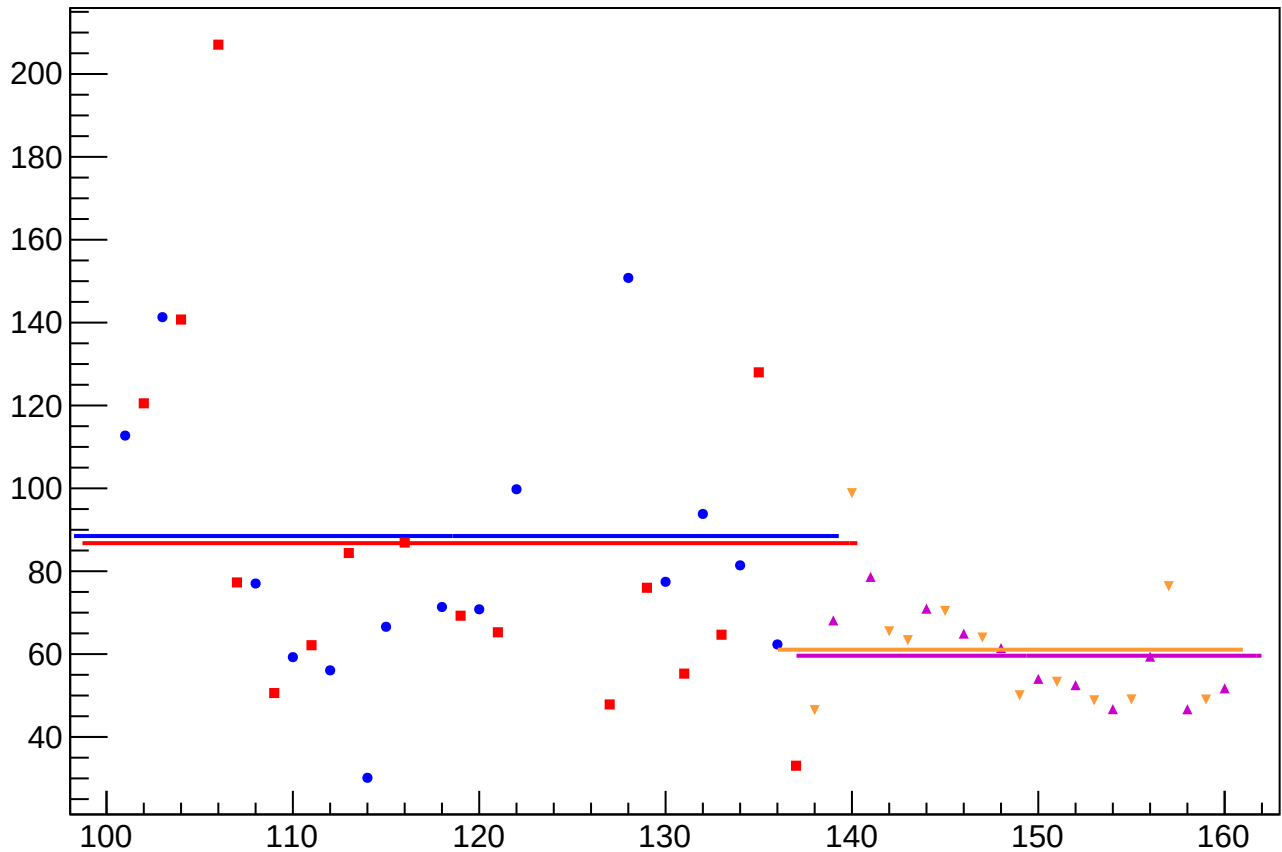
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 61.067+/-0.000 χ^2/NDF : 211507080213048507647331077961285632.0/11

Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

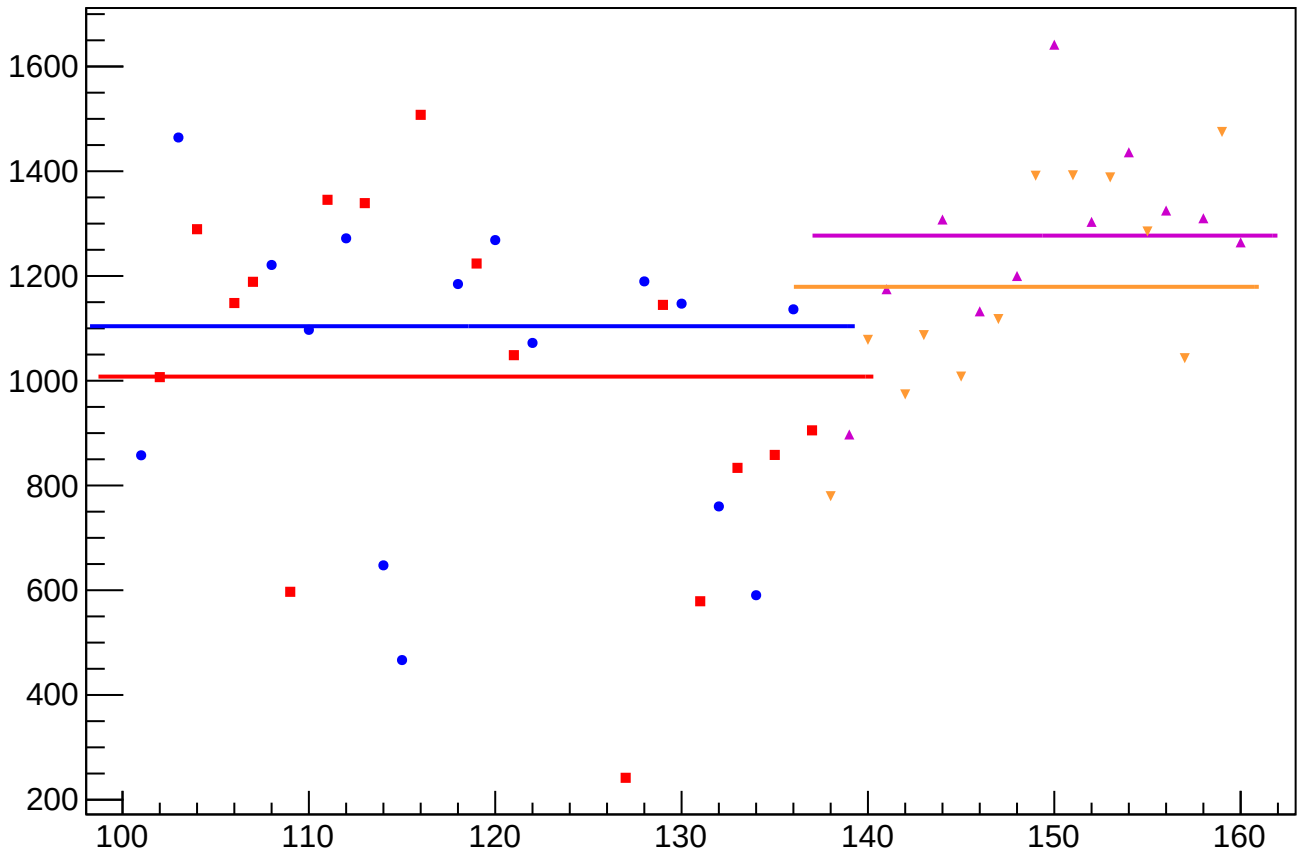
Left In: 59.604+/-0.000 χ^2/NDF : 90862625181985664375323463168032768.0/10

+ sign 72.455+/-0.000 χ^2/NDF : 1140205339739572

All: 71.718+/-0.000 χ^2/NDF : 2577899671839

- sign 70.994+/-0.000 χ^2/NDF : 1436012461961461

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

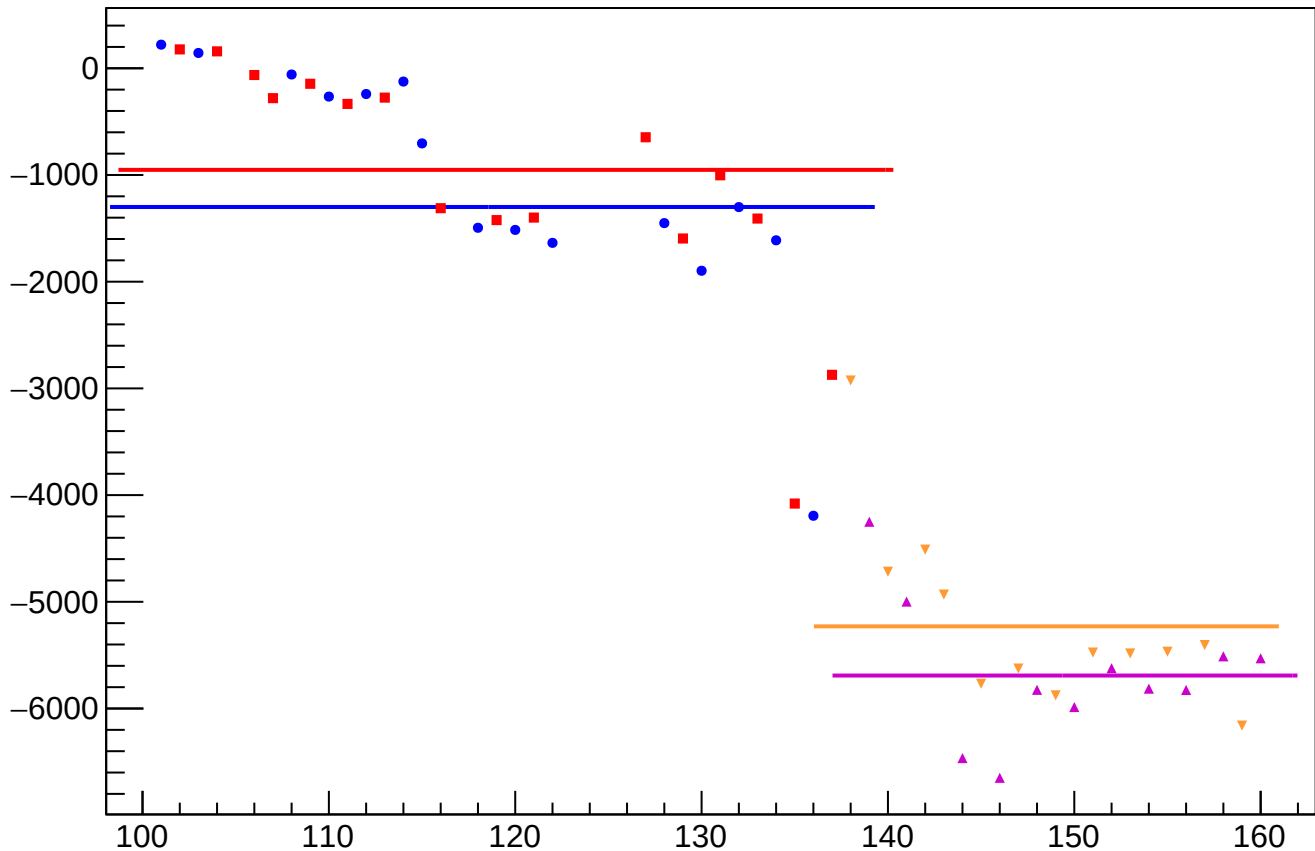
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

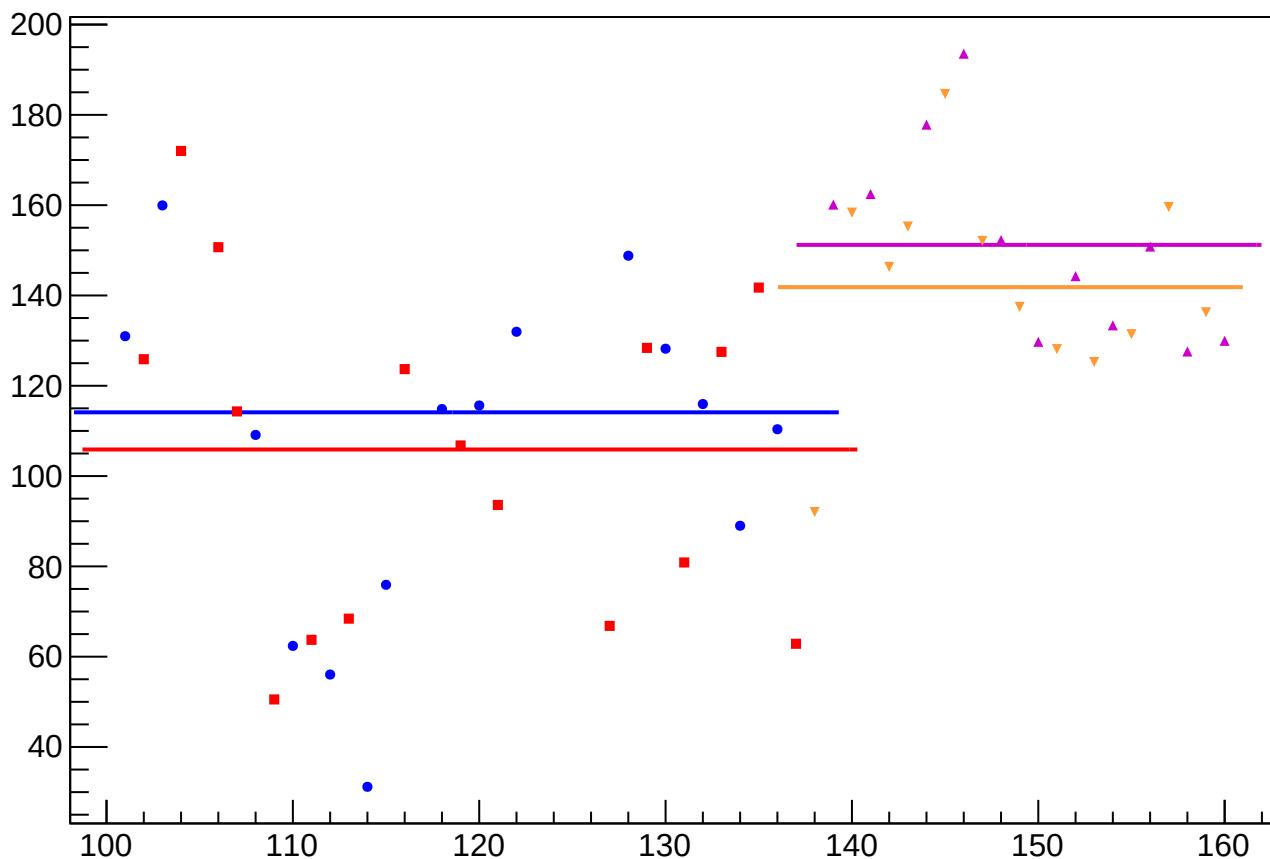
dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5230.164+/-0.000	χ^2/NDF : 621337546754048275745011650527081005056.0/11
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5690.941+/-0.000	χ^2/NDF : 355774620722948866968040460749891436544.0/10

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426
 All: -3651.666+/-0.000 χ^2/NDF : 1758908860
 - sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 141.844+/-0.000 χ^2/NDF : 455273254245846333149237795723673600.0/11

Right Out: 105.890+/-0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

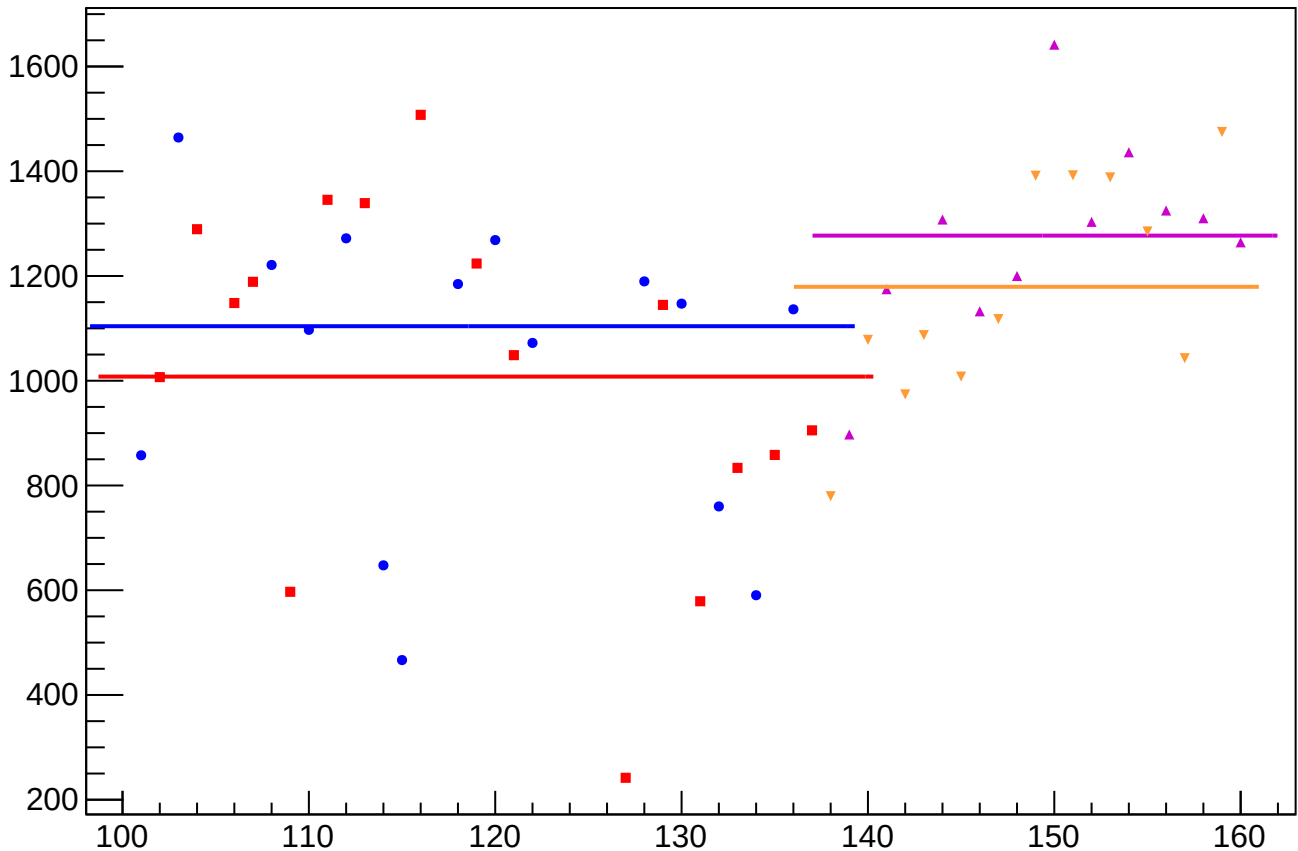
Left In: 151.203+/-0.000 χ^2/NDF : 382227652604999337577431549784096768.0/10

+ sign 130.331+/-0.000 χ^2/NDF : 135424557525506

All: 131.277+/-0.000 χ^2/NDF : 338649926322

- sign 132.206+/-0.000 χ^2/NDF : 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

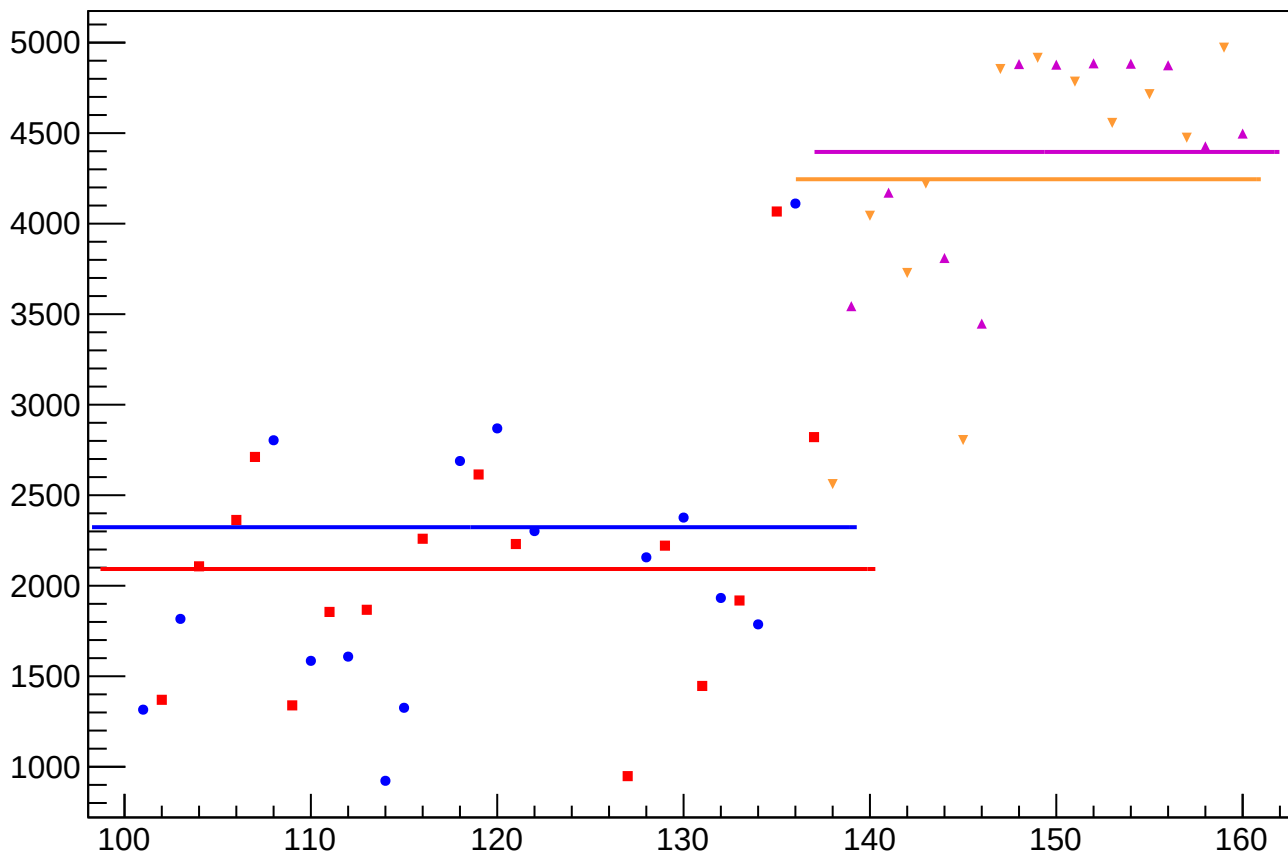
Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

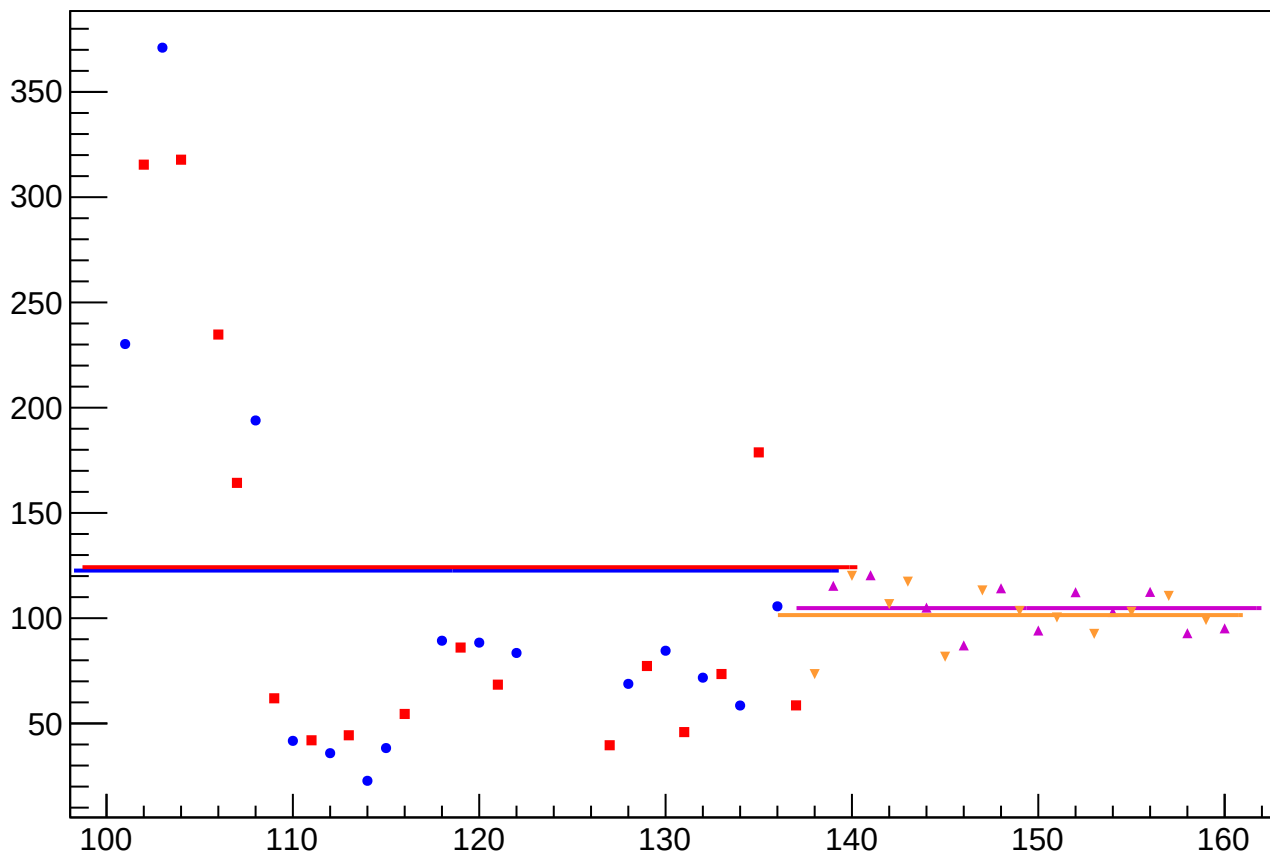
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

dit_sam7_coil3_mean vs Slug



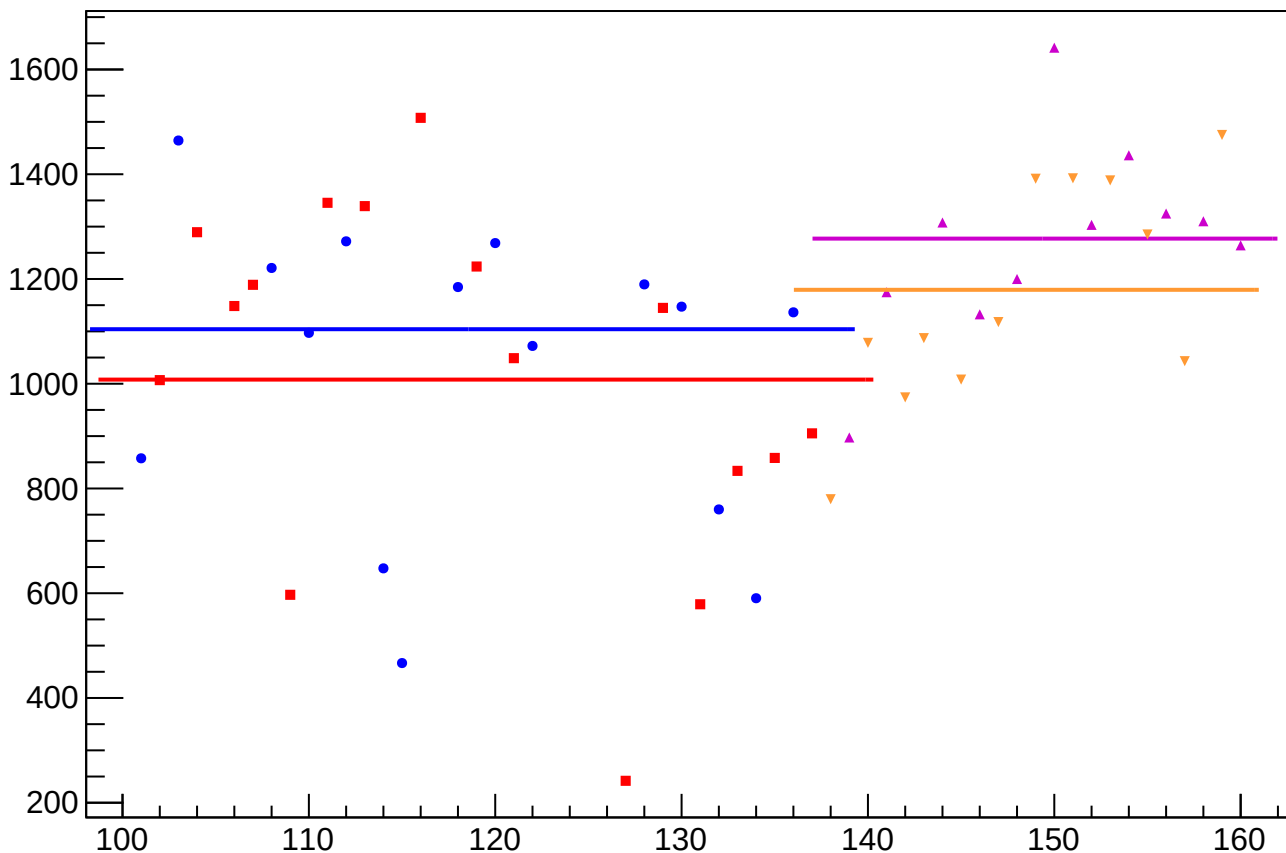
Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- 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

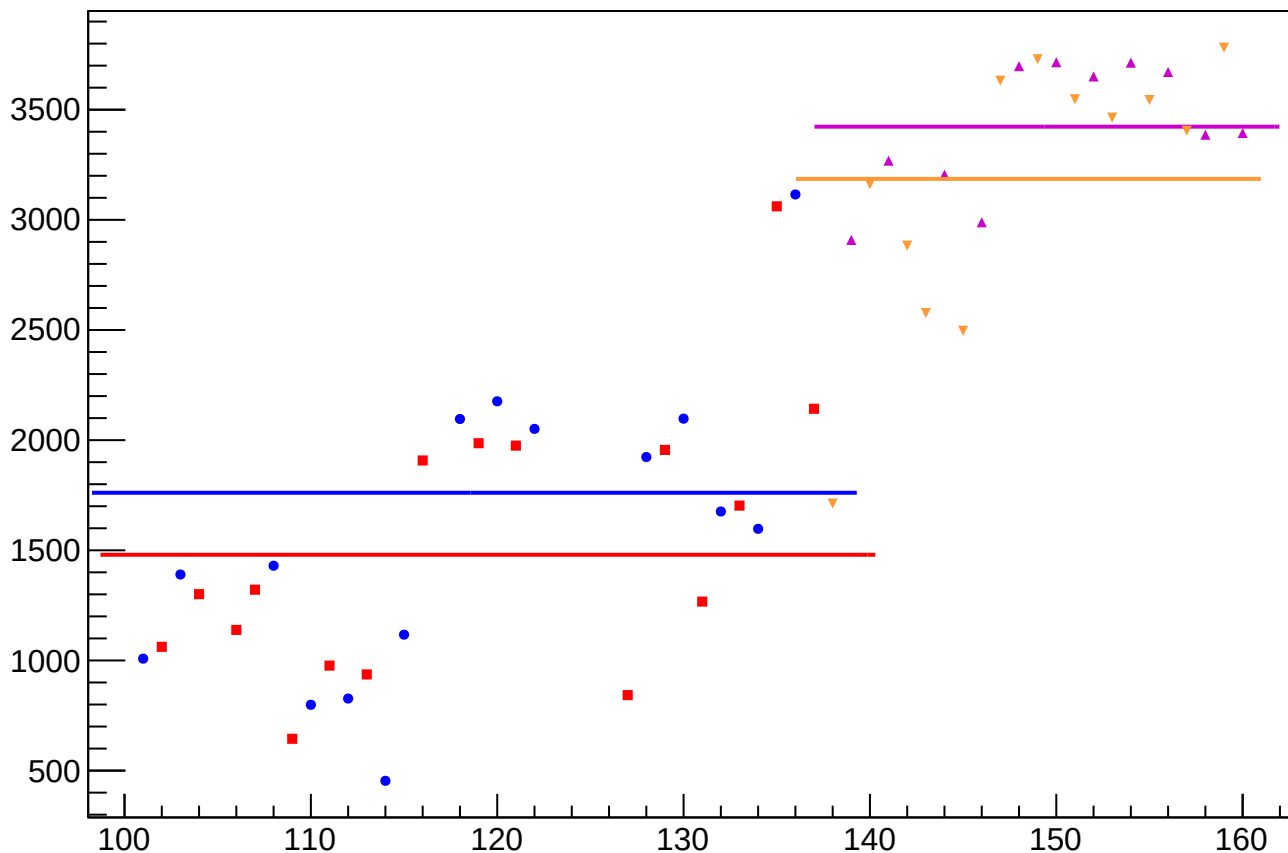
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

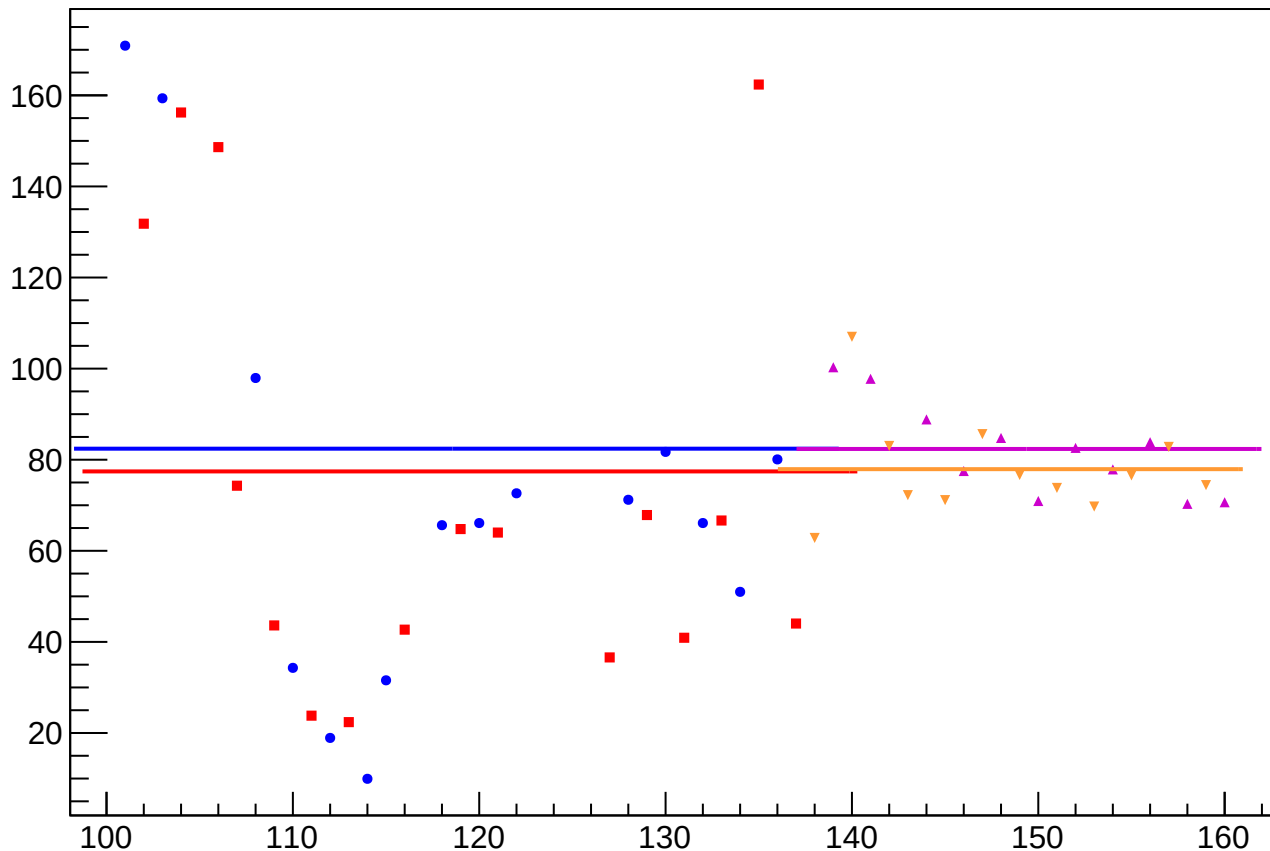
Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

All: 2601.420+/-0.000 χ^2/NDF : 32383742993

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 77.927+/-0.000 χ^2/NDF : 108816585289567770159719515210907648.0/11

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

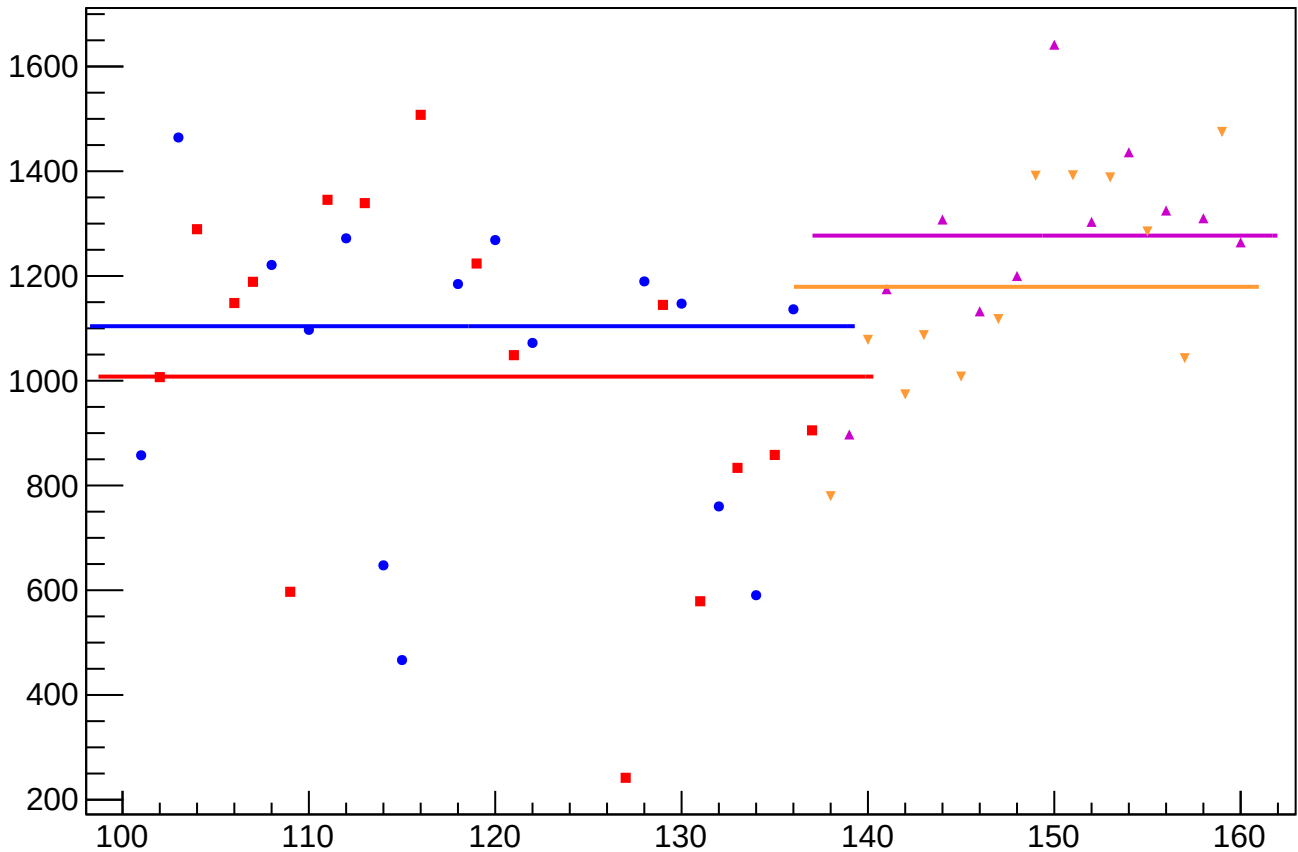
Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

+ sign 79.794+/-0.000 χ^2/NDF : 1380118069986945

All: 80.046+/-0.000 χ^2/NDF : 2993351942483

- sign 80.294+/-0.000 χ^2/NDF : 1613036492452020

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

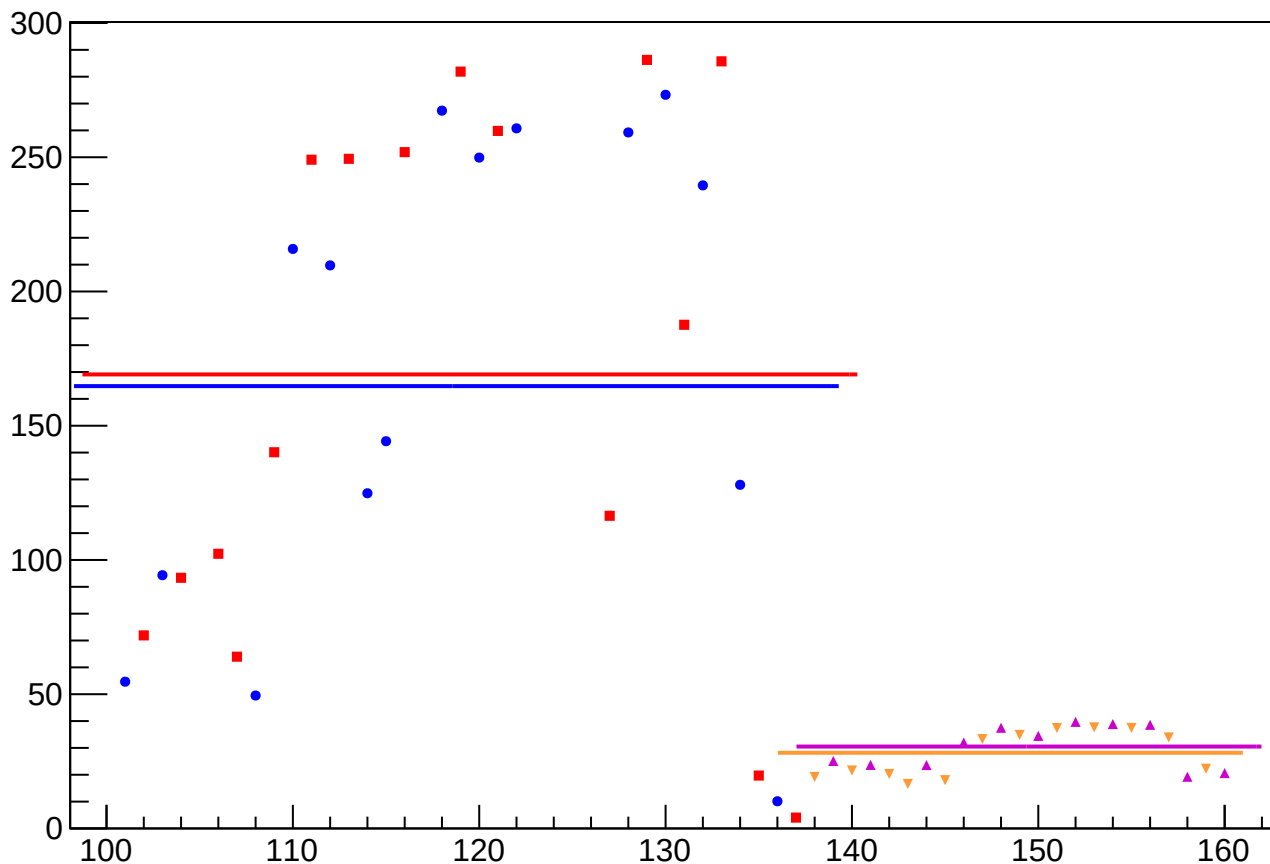
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 28.192+/-0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

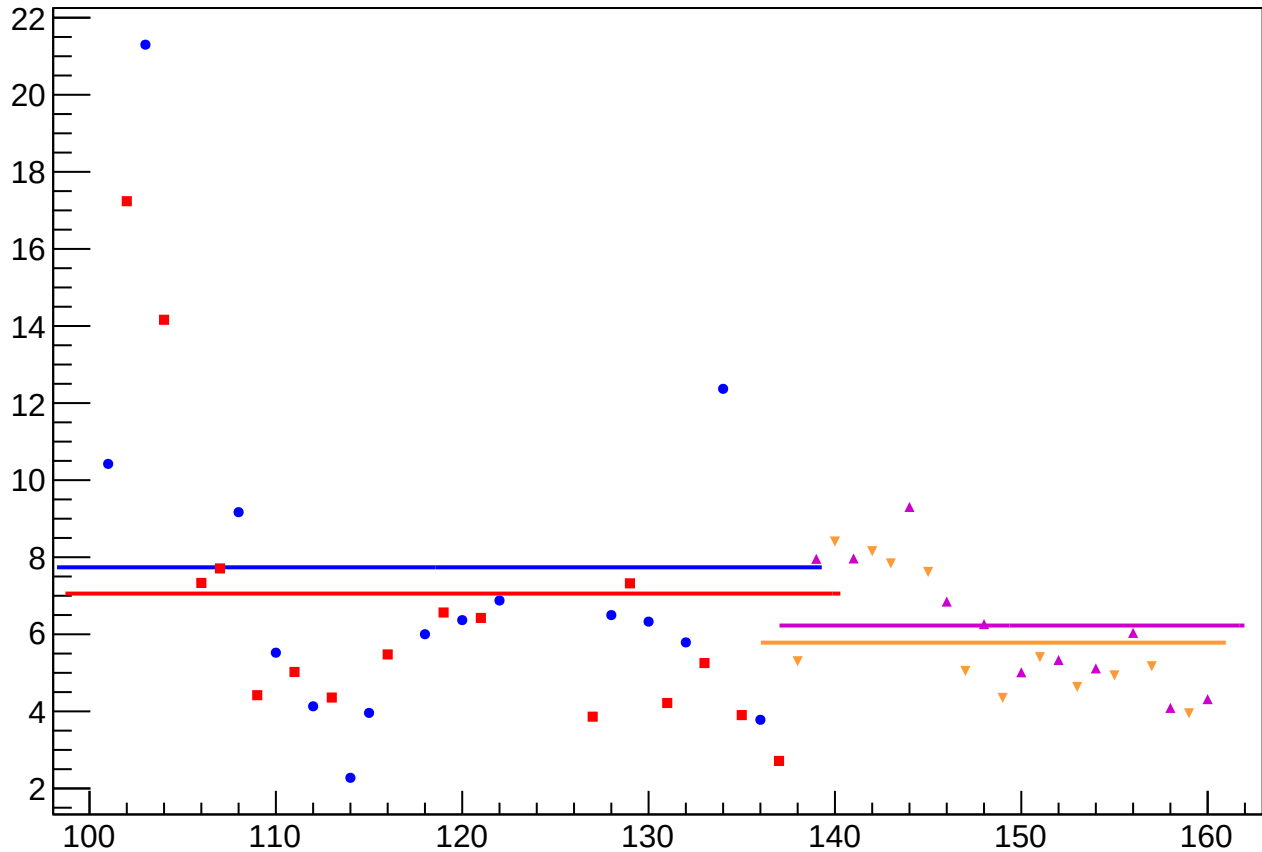
Left In: 30.507+/-0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

All: 86.771+/-0.000 χ^2/NDF : 2705497277682

- sign 88.613+/-0.000 χ^2/NDF : 1353475070284198

+ sign 84.895+/-0.000 χ^2/NDF : 1350932583122595

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.783+/-0.000 χ^2/NDF : 2082103650411209995862519006101504.0/11

Right Out: 7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

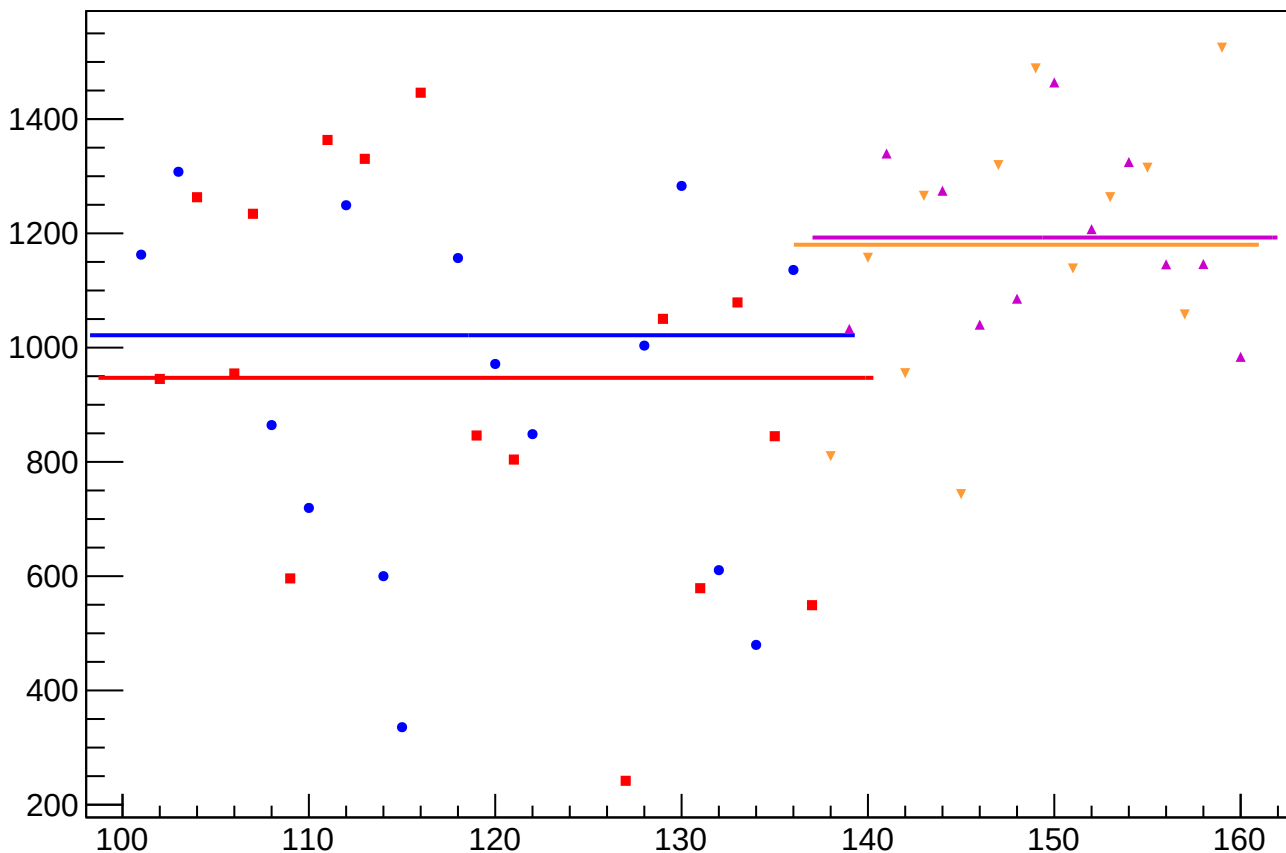
Left In: 6.228+/-0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

+ sign 6.595+/-0.000 χ^2/NDF : 18660029983466047

All: 6.585+/-0.000 χ^2/NDF : 32551119469805

- sign 6.575+/-0.000 χ^2/NDF : 13890781213861884

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

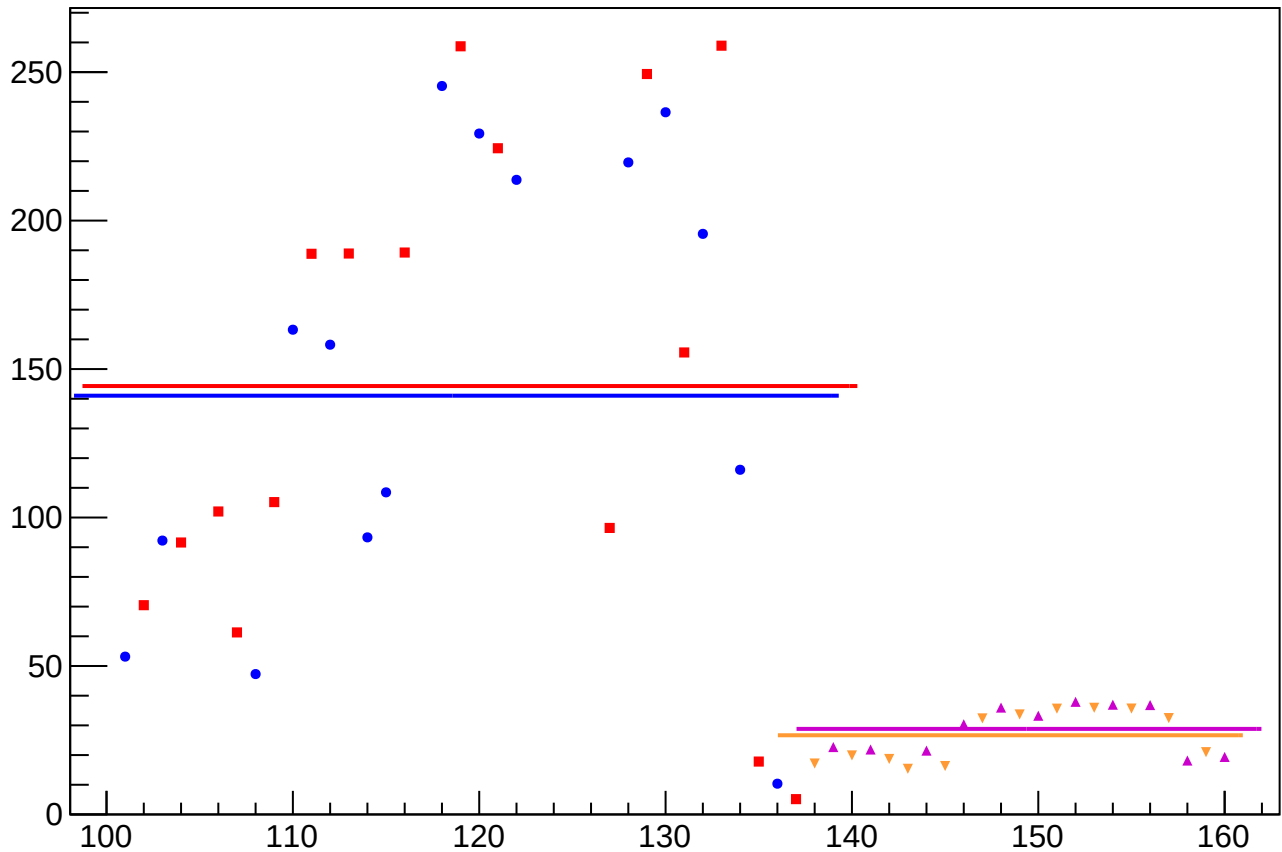
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

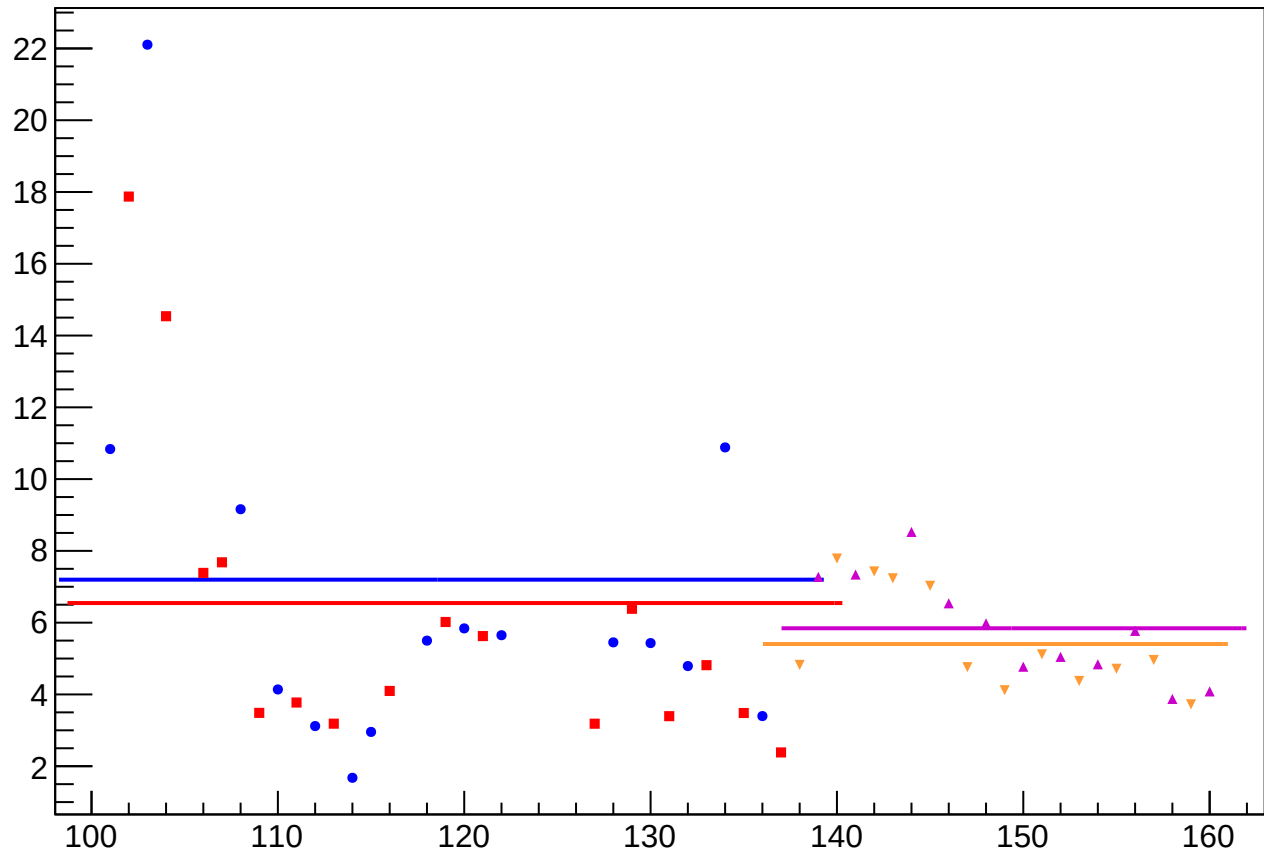
Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

All: 75.703+/-0.000 χ^2/NDF : 1902686413208

dit_4eX_coil7_err_mean vs Slug



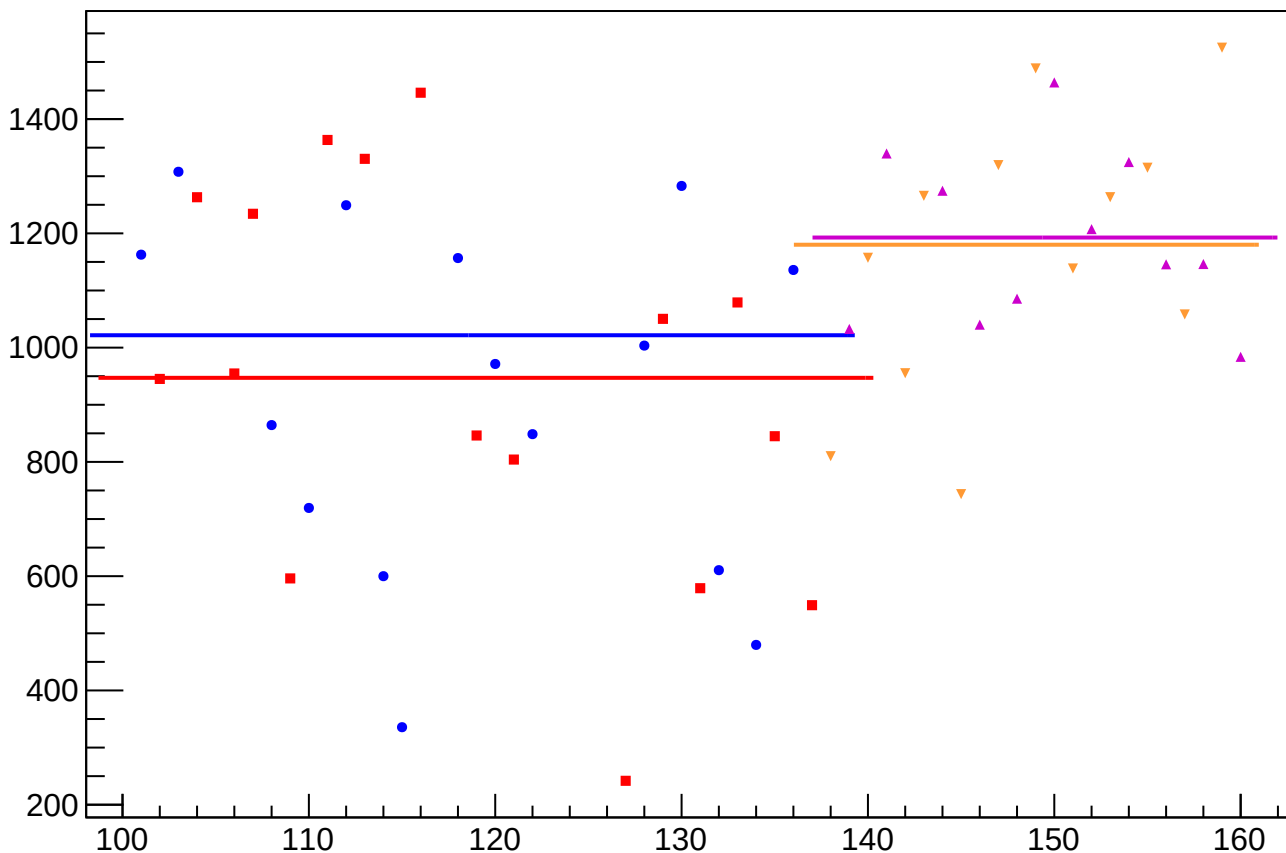
Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF : 1657476673222734549536062415306752.0/11

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

Left In: 5.843+/-0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

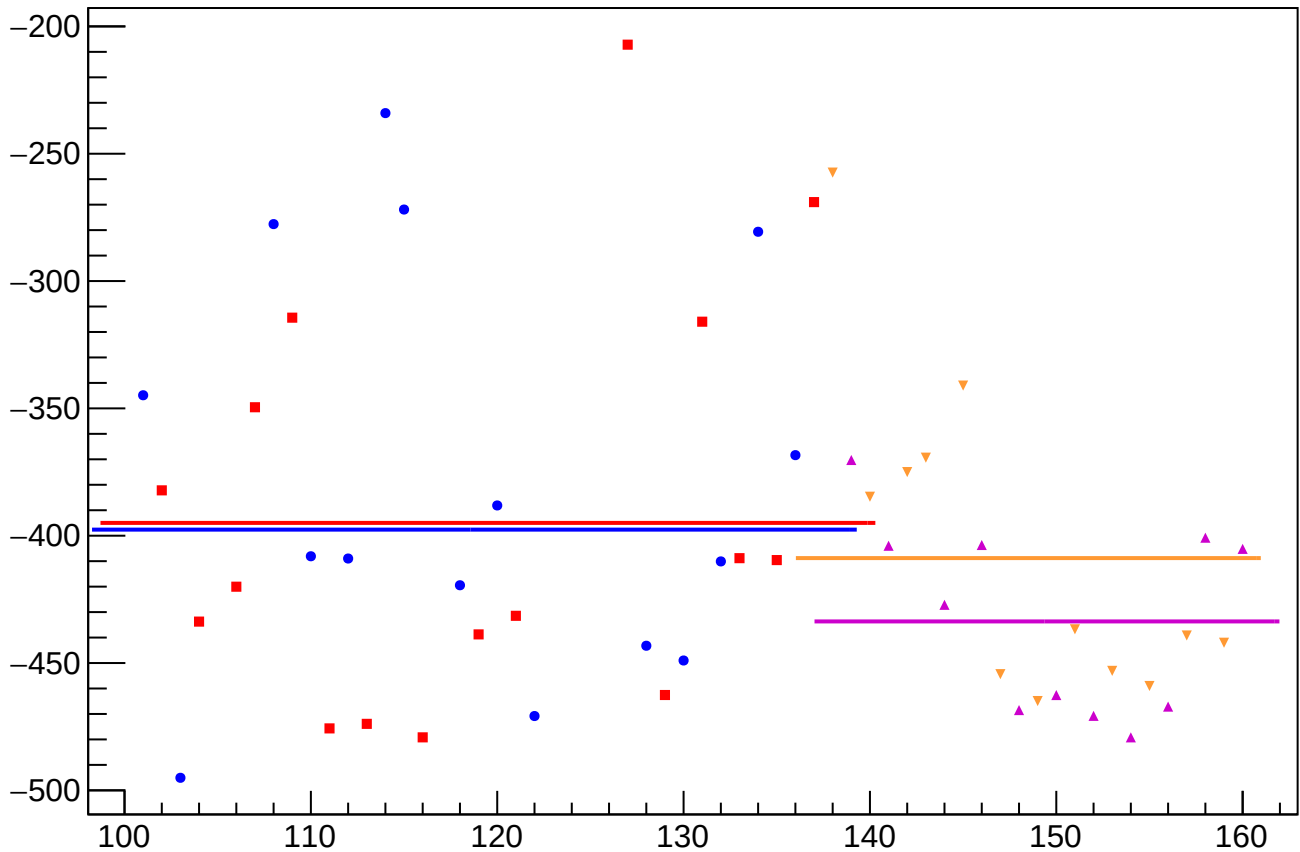
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

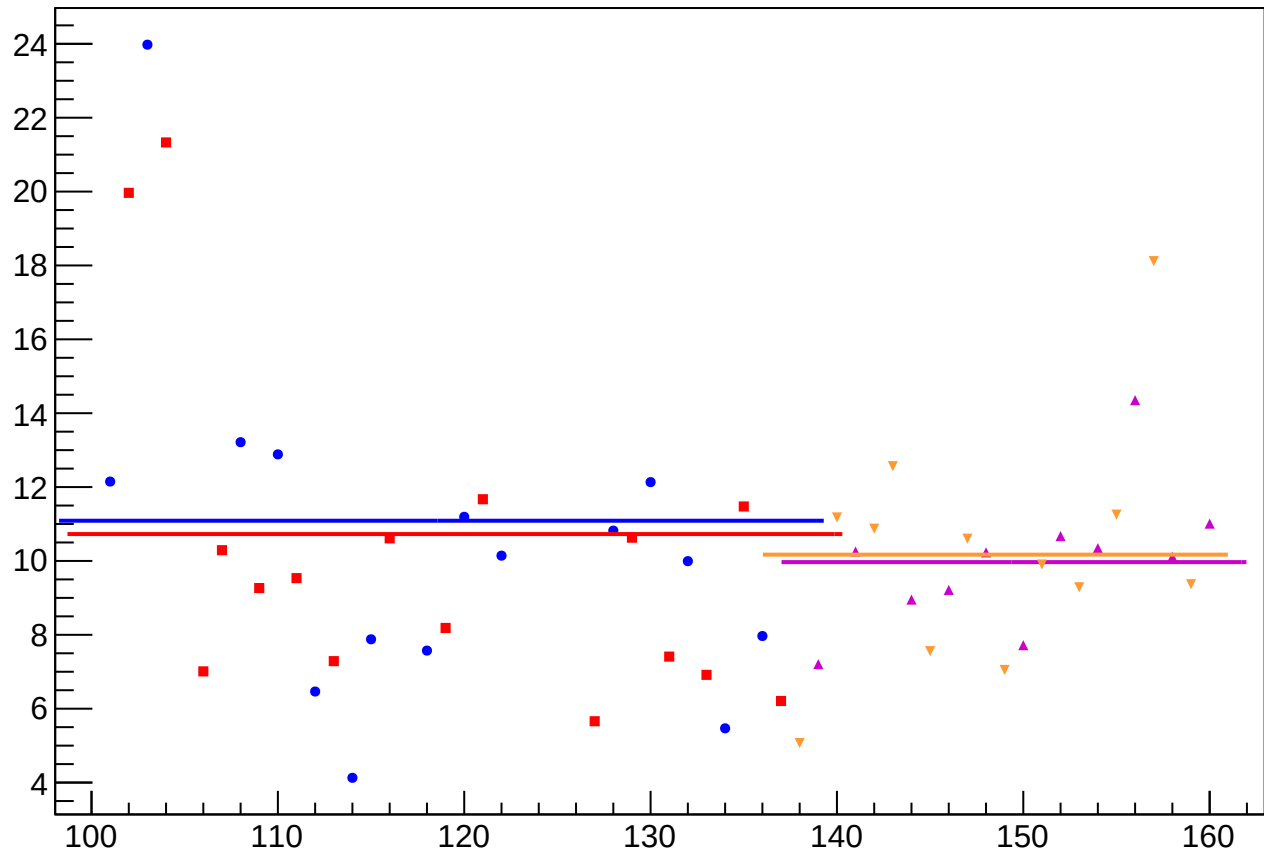
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613 ± 0.000 $\chi^2/\text{NDF}: 2661280785384633207096106229474263040.0/14$
 Left Out: -408.794 ± 0.000 $\chi^2/\text{NDF}: 3366573213961692909439105040404971520.0/11$
 Right Out: -394.973 ± 0.000 $\chi^2/\text{NDF}: 3685595513427183501596165280874102784.0/15$
 Left In: -433.664 ± 0.000 $\chi^2/\text{NDF}: 1198237421385461104687495484599697408.0/10$

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

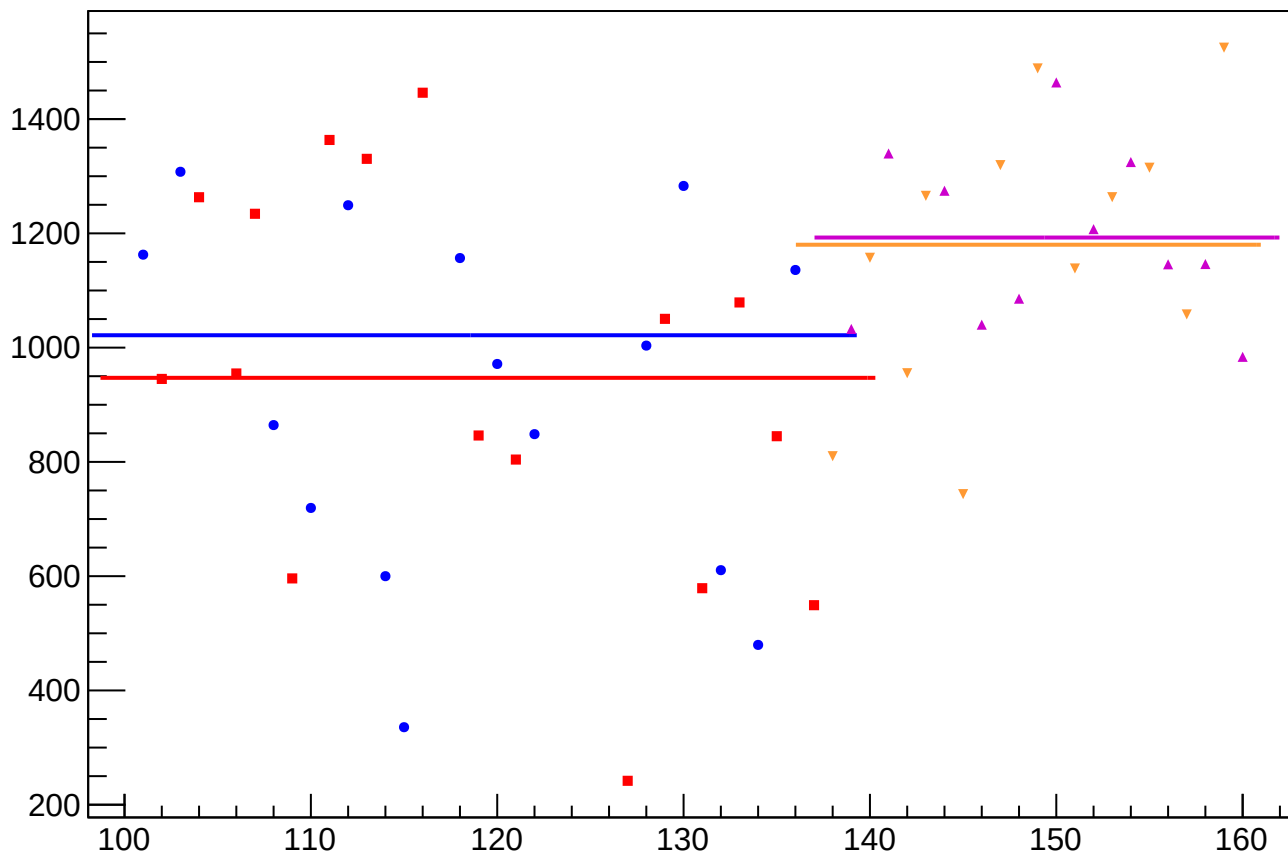
Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

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+/-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

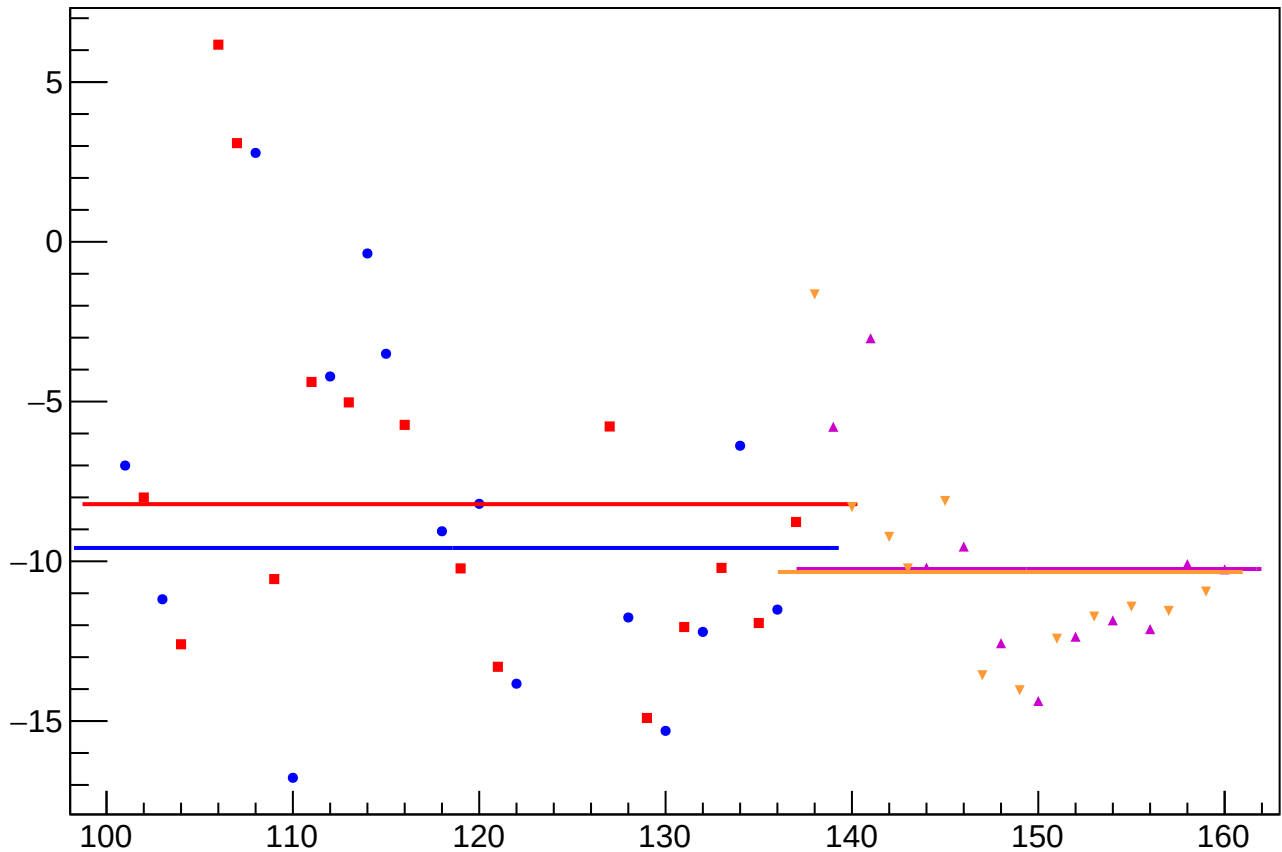
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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_4aY_coil7_mean vs Slug



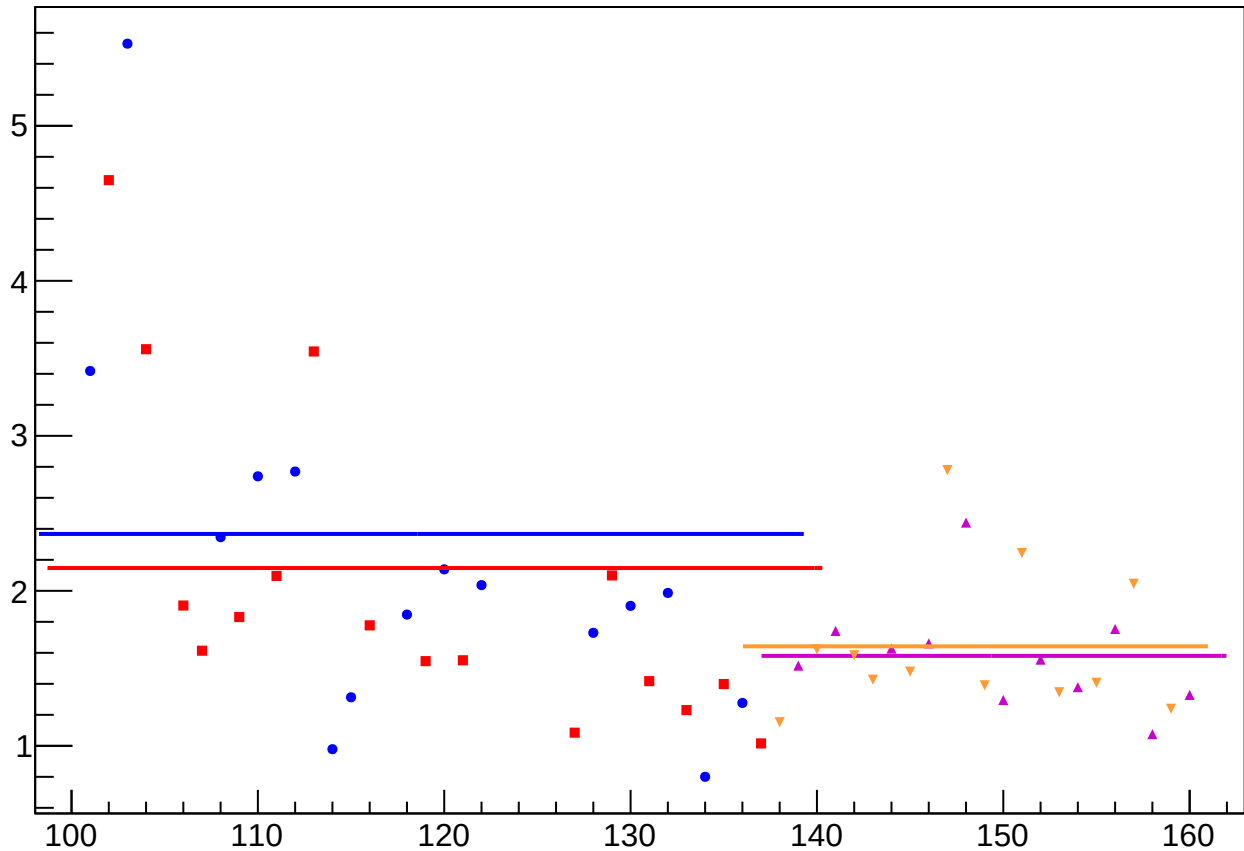
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$

Left Out: -10.333 ± 0.000 $\chi^2/\text{NDF}: 9377692425026365375047041474887680.0/11$

Right Out: -8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$

Left In: -10.241 ± 0.000 $\chi^2/\text{NDF}: 8992829088408430483485977772818432.0/10$

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 195842148226043527039909915262976.0/11

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

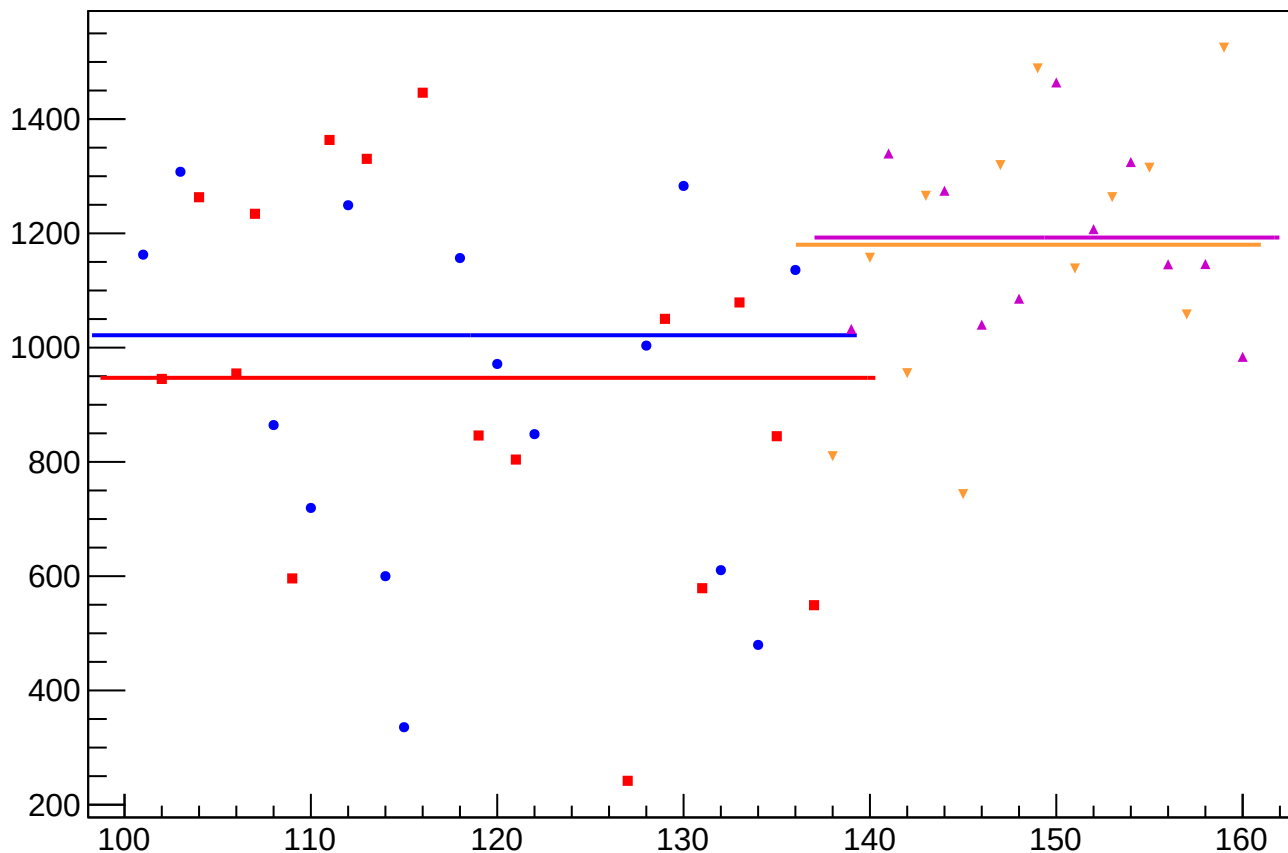
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ sign 1.943 $\pm$ 0.000 χ^2 /NDF: 13159834417677760

All: 1.880 $\pm$ 0.000 χ^2 /NDF: 23210295231068

- sign 1.818 $\pm$ 0.000 χ^2 /NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

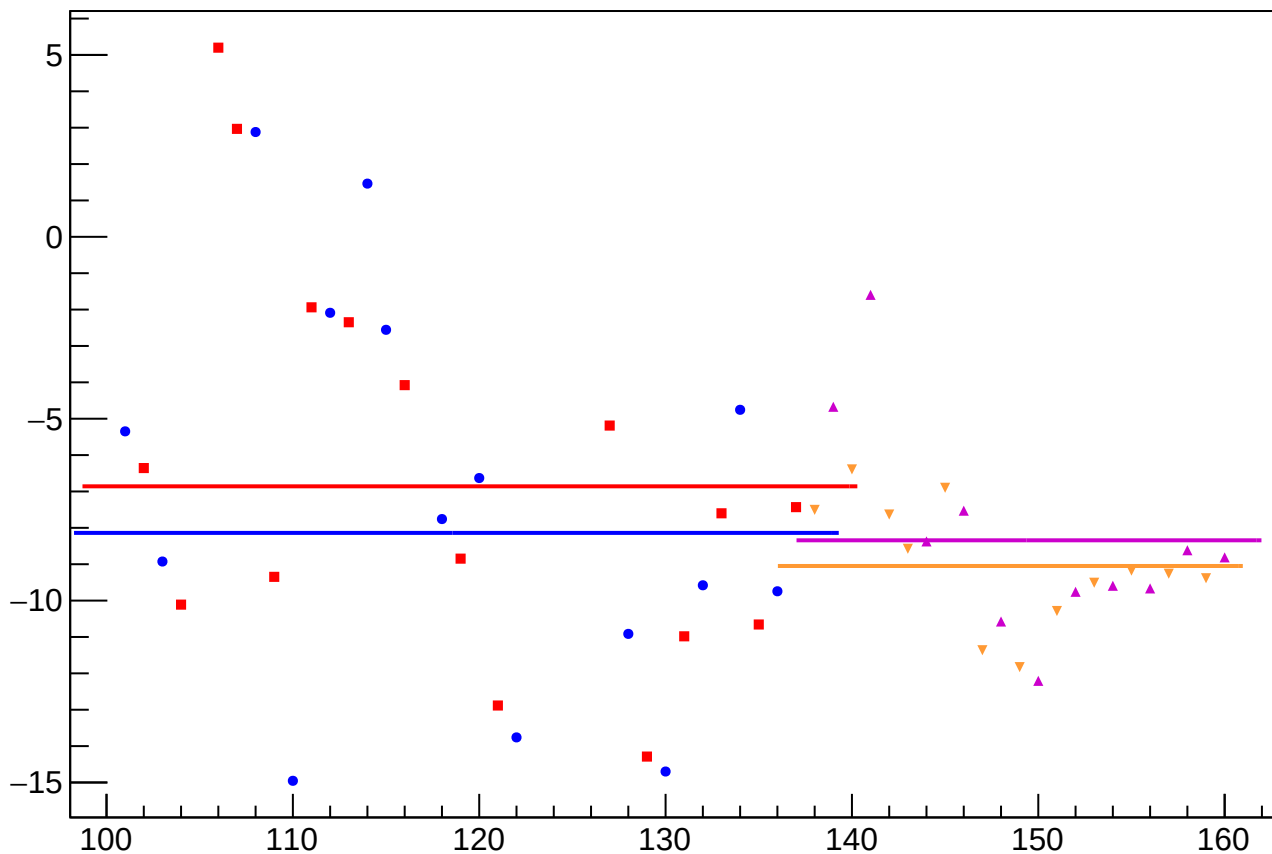
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -9.049 ± 0.000 χ^2/NDF : 2449058506184839792133889501167616.0/11

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

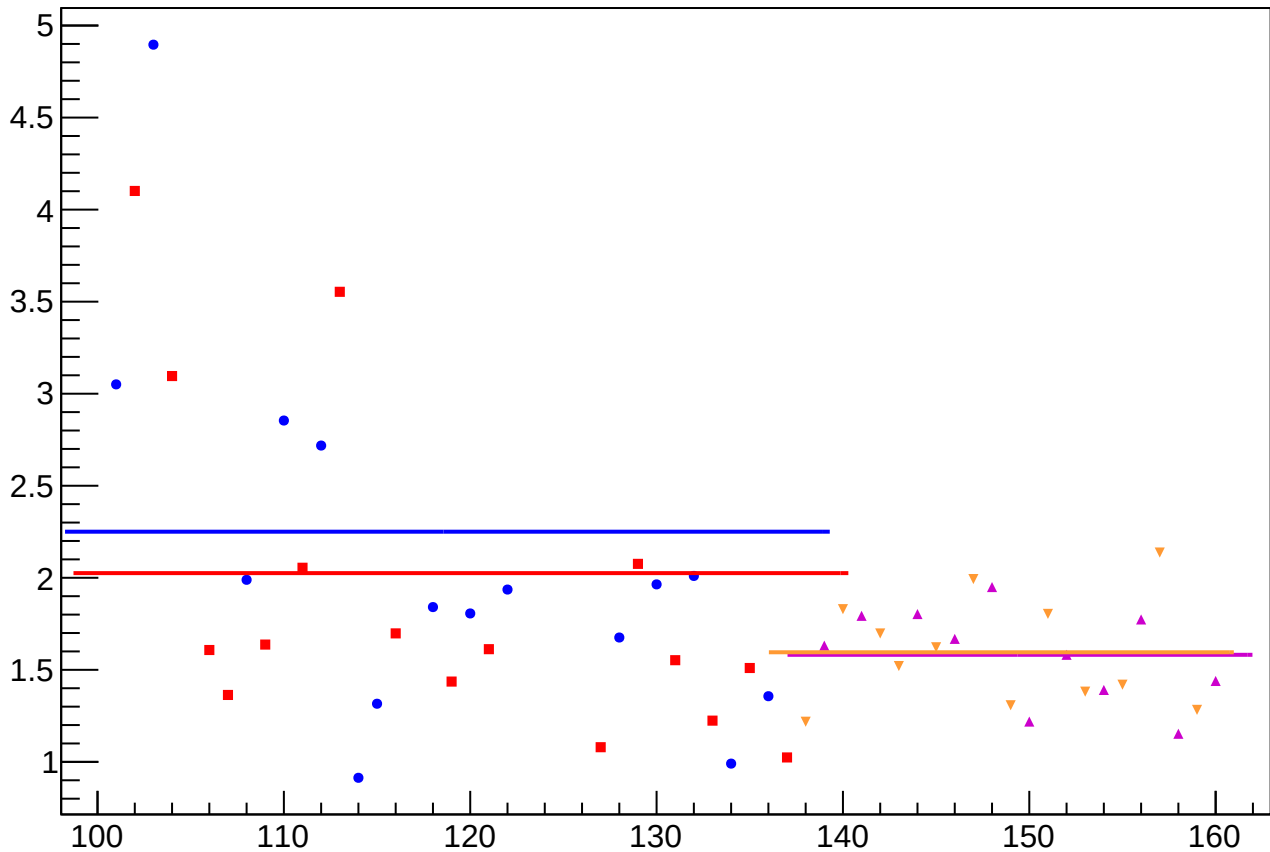
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.671 ± 0.000 χ^2/NDF : 1743954297052969

All: -8.191 ± 0.000 χ^2/NDF : 4275682258895

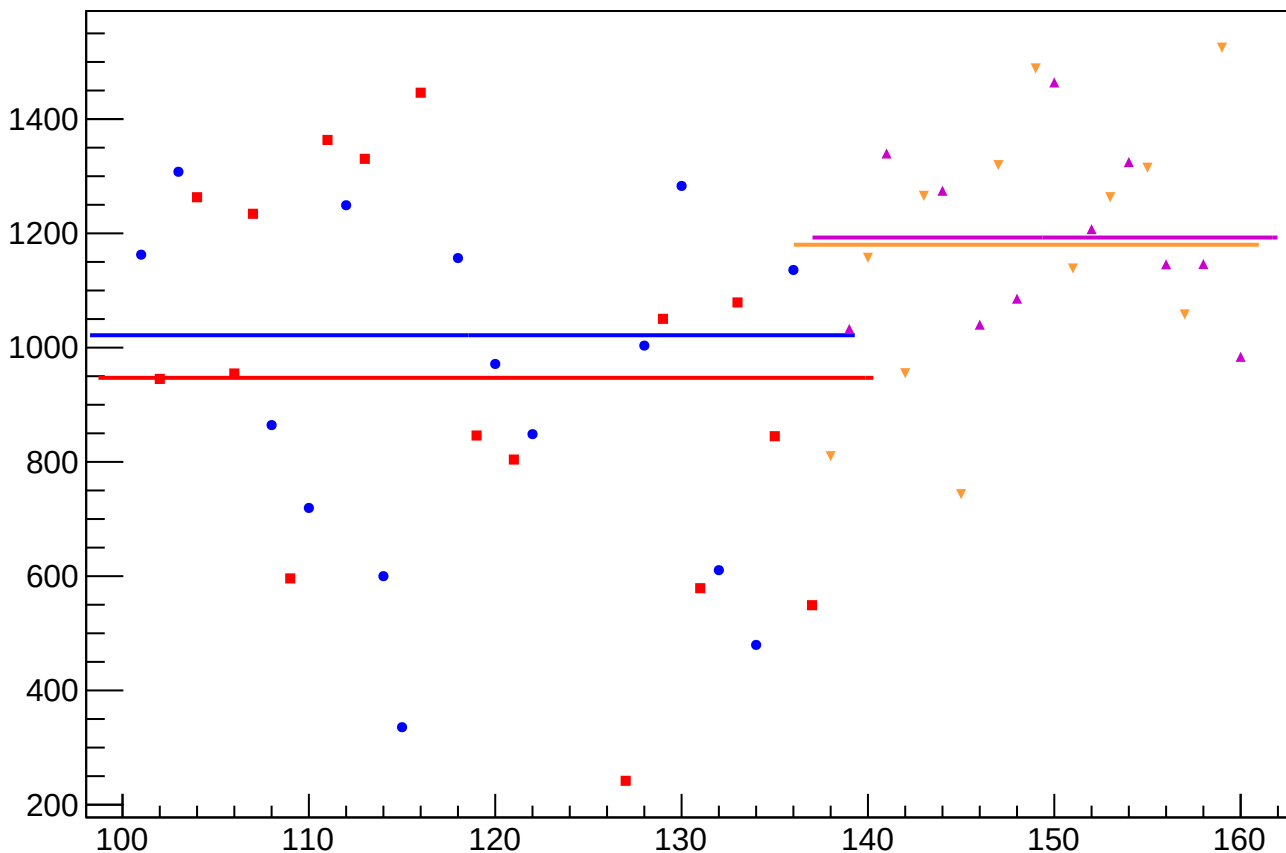
- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.595 ± 0.000 χ^2/NDF : 76549213292208781148545230045184.0/11
 Right Out: 2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10
 All: 1.817 ± 0.000 χ^2/NDF : 16139323147650.0/10
 + sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009.0/10
 - sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177.0/10

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

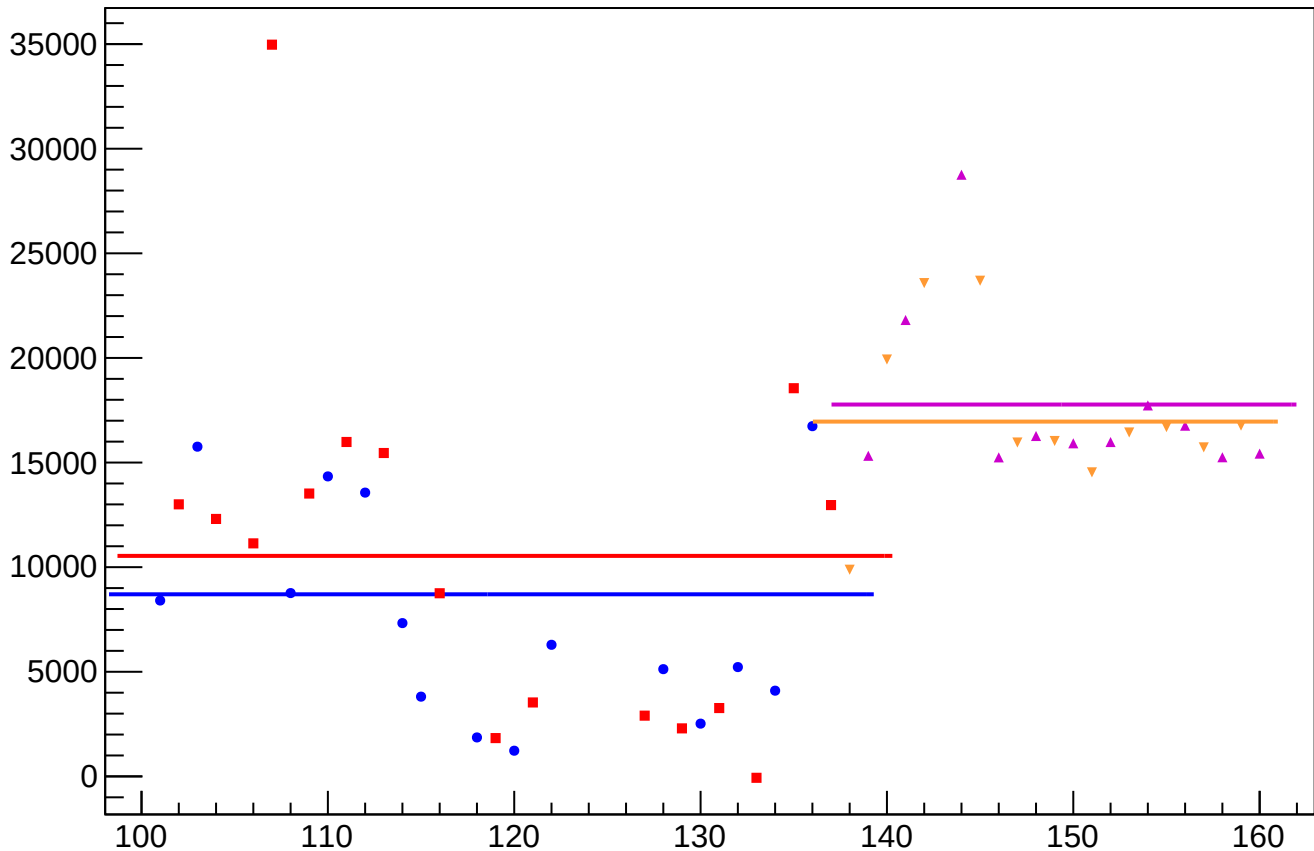
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

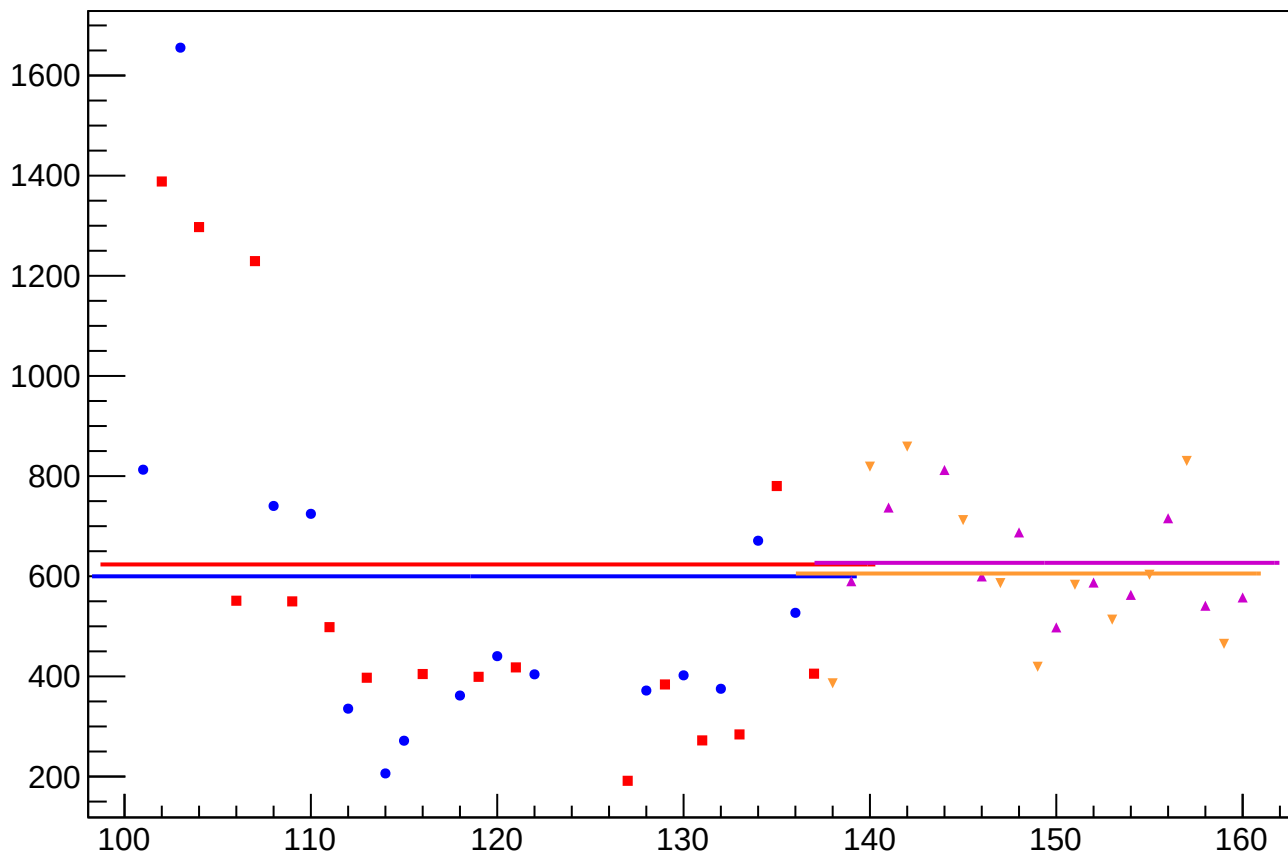
dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000	χ^2/NDF : 19501133067308426859536304500819191922688.0/14
Left Out: 16957.575+/-0.000	χ^2/NDF : 10938008625550561770285254297697243889664.0/10
Right Out: 10539.327+/-0.000	χ^2/NDF : 46226684227836109273394062569753758662656.0/15
Left In: 17773.103+/-0.000	χ^2/NDF : 14926066991142889452676587552618632445952.0/10

+ sign 13376.690+/-0.000 χ^2/NDF : 5547433572288
 All: 14079.562+/-0.000 χ^2/NDF : 1383312786
 - sign 14740.464+/-0.000 χ^2/NDF : 8142294021651

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

+ sign 603.023+/-0.000 χ^2/NDF : 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF : 20600036696576889686488913862706855936.0/10

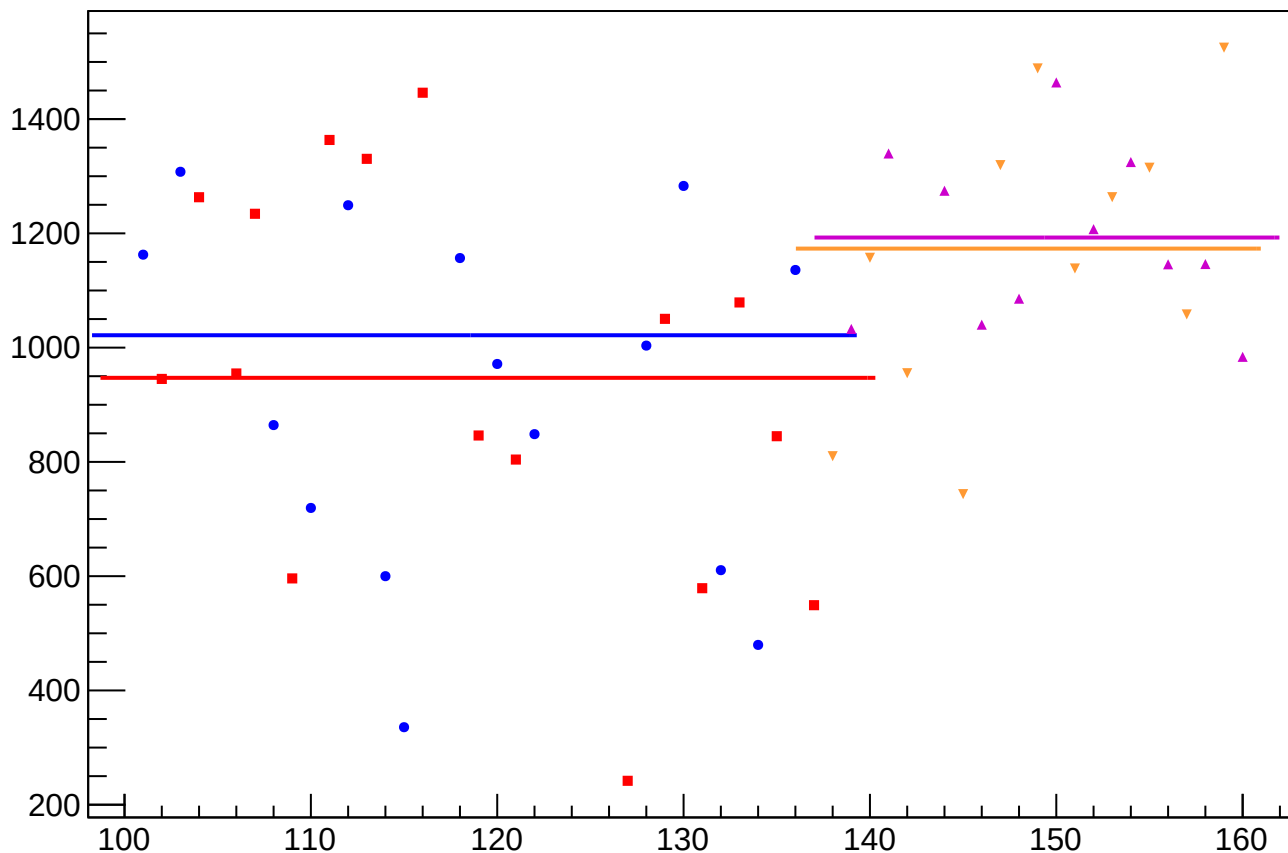
All: 614.575+/-0.000 χ^2/NDF : 219881740645

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1173.334+/-0.000 χ^2/NDF : 50259225692125439679244442751924699136.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

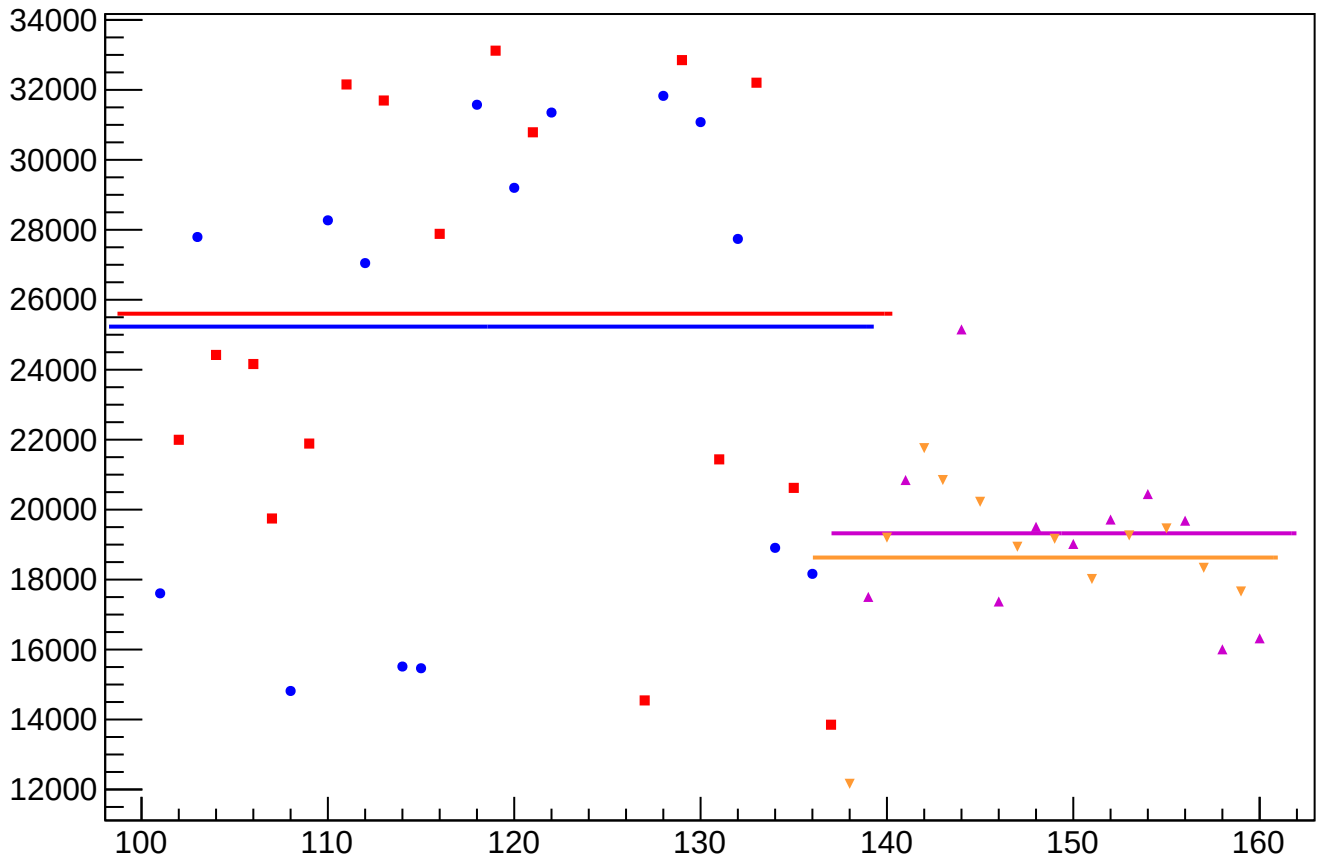
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1107.545+/-0.000 χ^2/NDF : 99202805471874

All: 1098.373+/-0.000 χ^2/NDF : 20984187795

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

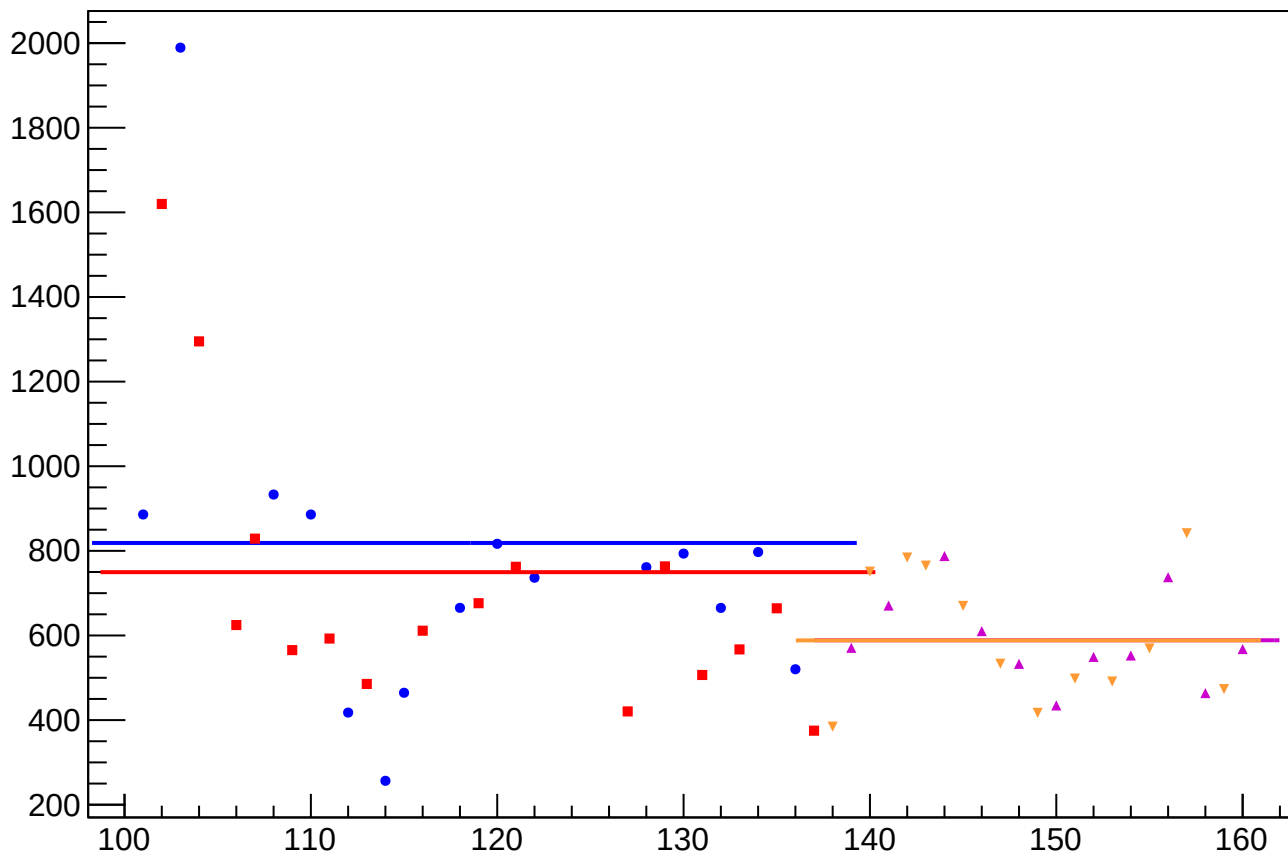
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18630.609+/-0.000	χ^2/NDF : 4499157177792733453337123782201790431232.0/11
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19322.974+/-0.000	χ^2/NDF : 5509841990831420617123513924011035721728.0/10

+ sign 21371.781+/-0.000 χ^2/NDF : 4557364101800
 All: 21666.026+/-0.000 χ^2/NDF : 9098110501
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

+ sign 684.008+/-0.000 χ^2/NDF : 145791569069388

Left Out: 588.391+/-0.000 χ^2/NDF : 20060197377989114991296665666078113792.0/11

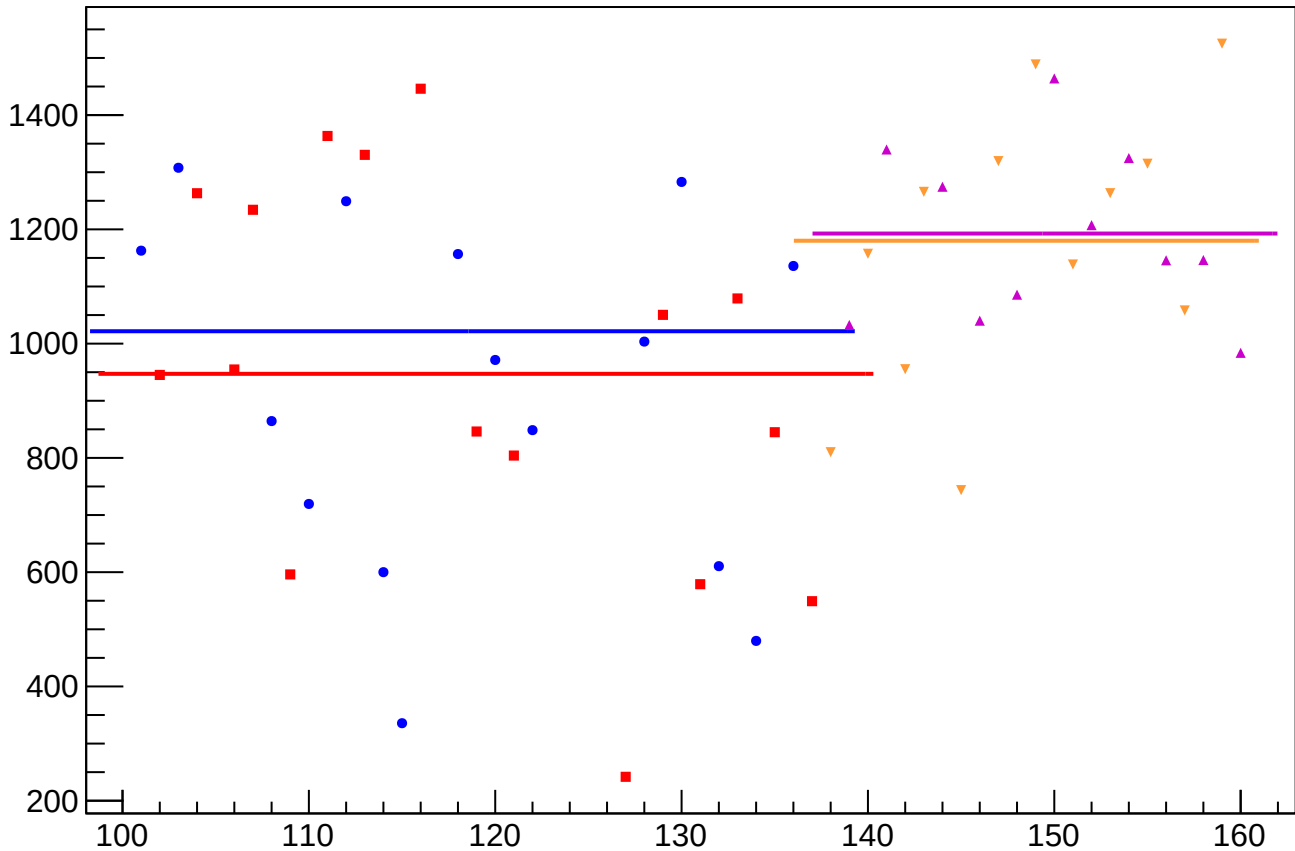
All: 669.969+/-0.000 χ^2/NDF : 244316509040

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

- sign 656.176+/-0.000 χ^2/NDF : 979142023590546

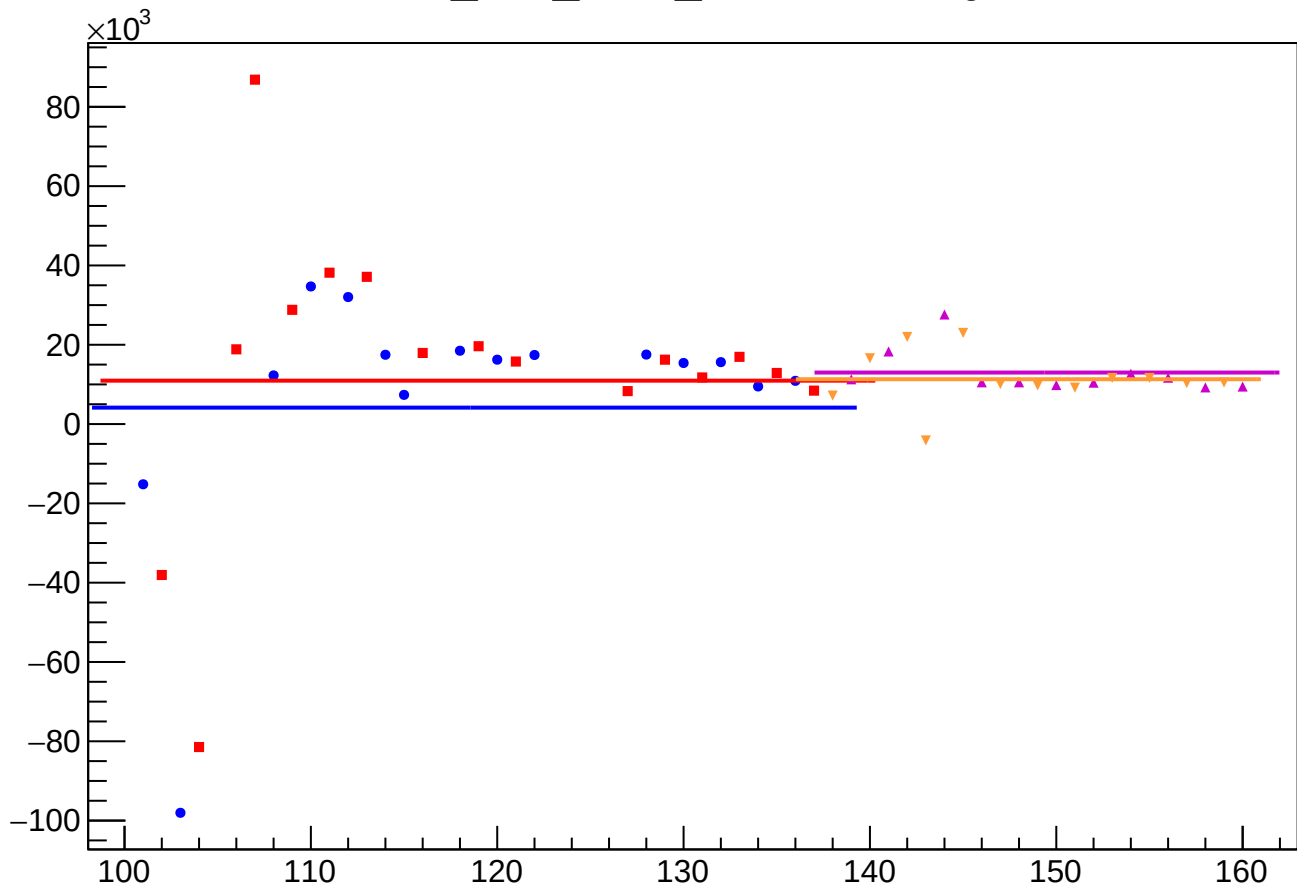
Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



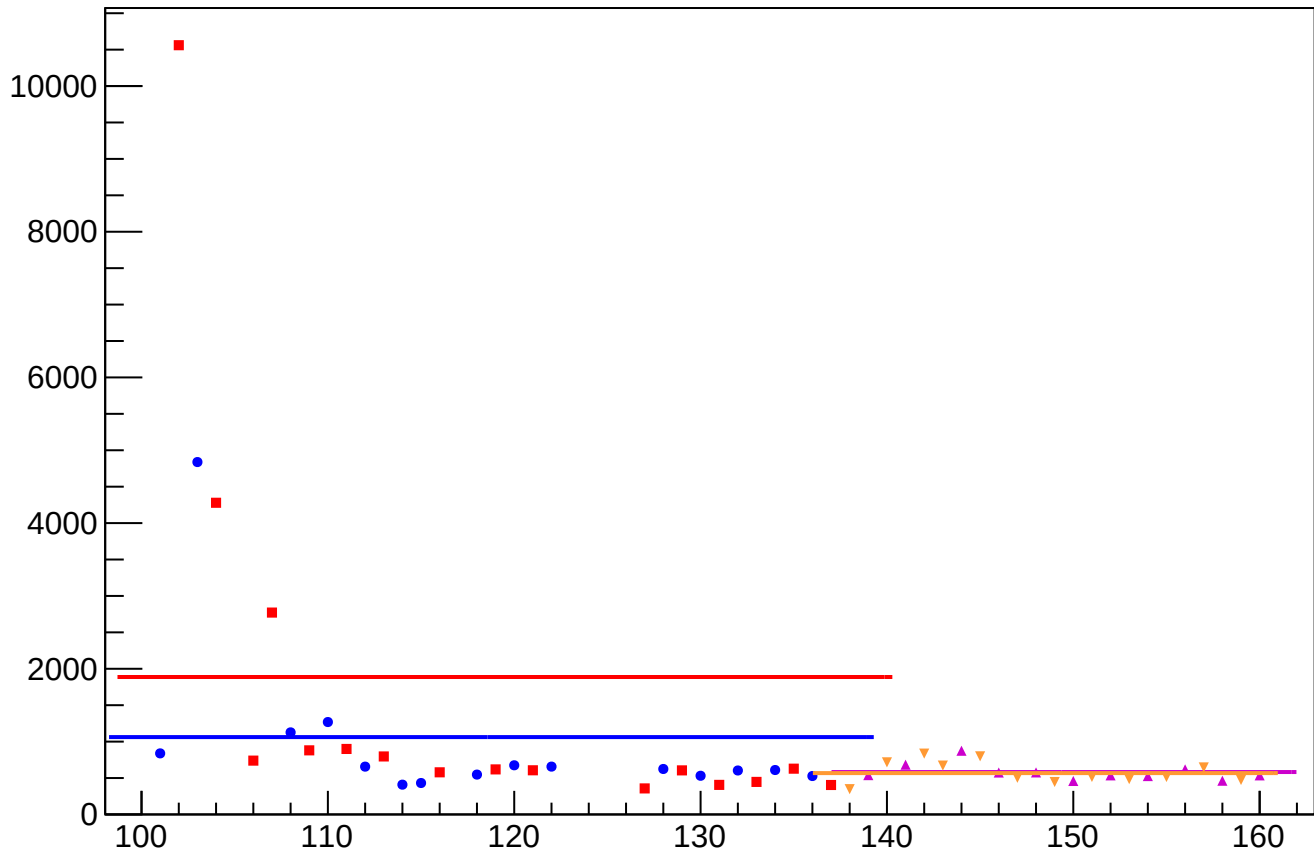
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1114.323+/-0.000	χ^2/NDF : 10080626753263
Left Out: 1180.103+/-0.000	χ^2/NDF : 50788606804690292724539730503787347968.0/11	All: 1101.926+/-0.000	χ^2/NDF : 21167730452
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

dit_atl1_coil7_mean vs Slug



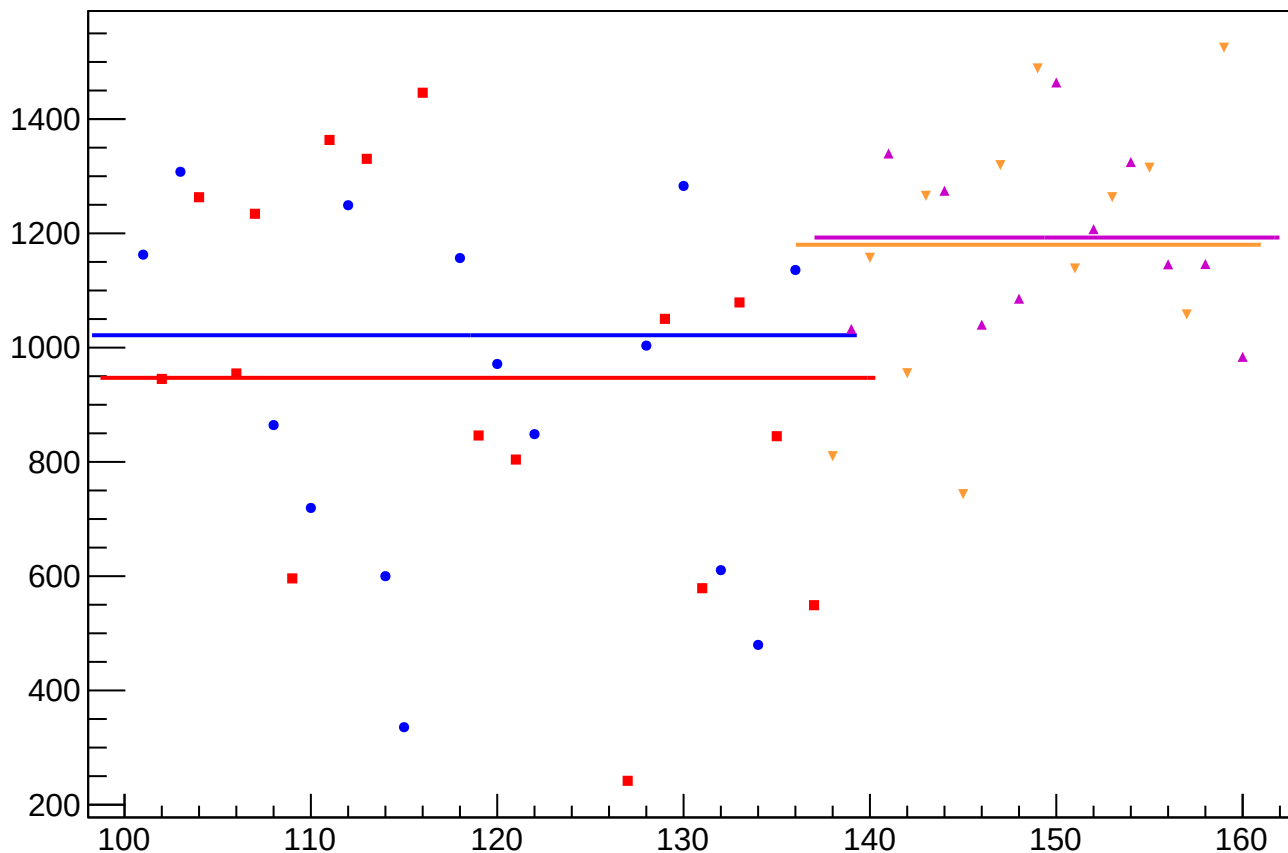
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 ± 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141 $\pm$ 0.000 χ^2 /NDF: 952806231926530012715872184655778152448.0/14
 Left Out: 567.733 $\pm$ 0.000 χ^2 /NDF: 17522884747687495168010192179255312384.0/11
 Right Out: 1887.077 $\pm$ 0.000 χ^2 /NDF: 5525872718363845620366029387569058283520.0/15
 Left In: 582.413 $\pm$ 0.000 χ^2 /NDF: 11860144462538181813814678965729624064.0/10
 All: 952.780 $\pm$ 0.000 χ^2 /NDF: 736031273480
 + sign 773.025 $\pm$ 0.000 χ^2 /NDF: 106309785539188
 - sign 1129.371 $\pm$ 0.000 χ^2 /NDF: 61970965674299

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

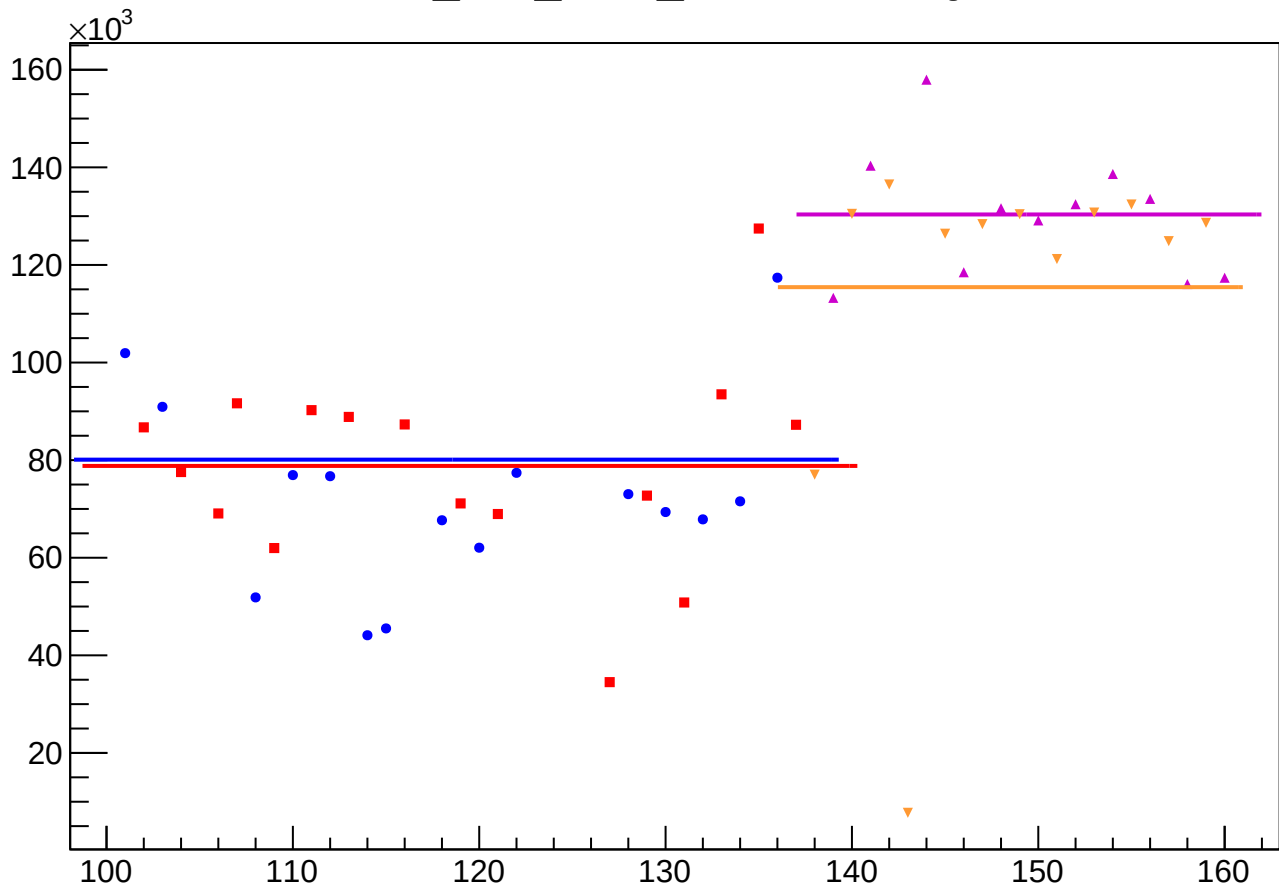
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

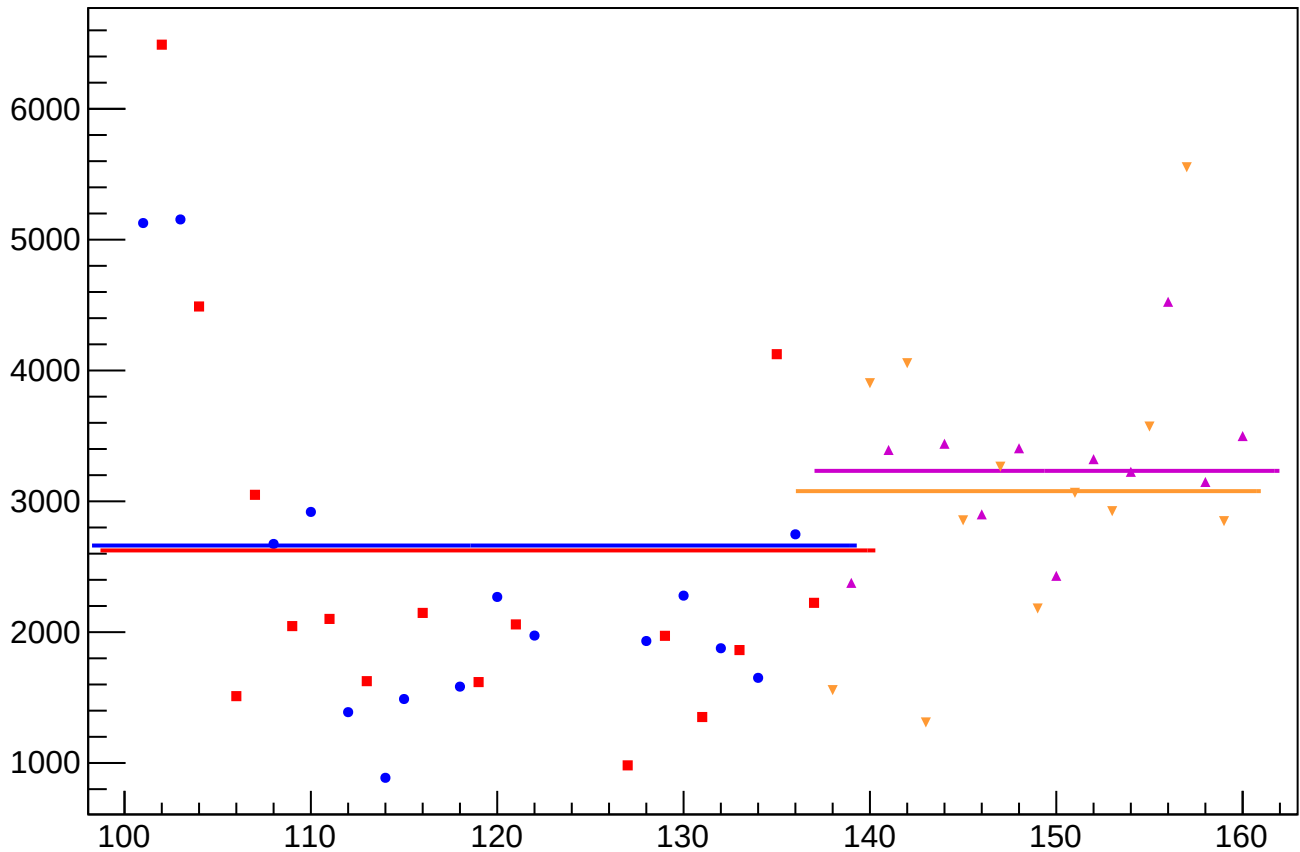
dit_atl2_coil7_mean vs Slug



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

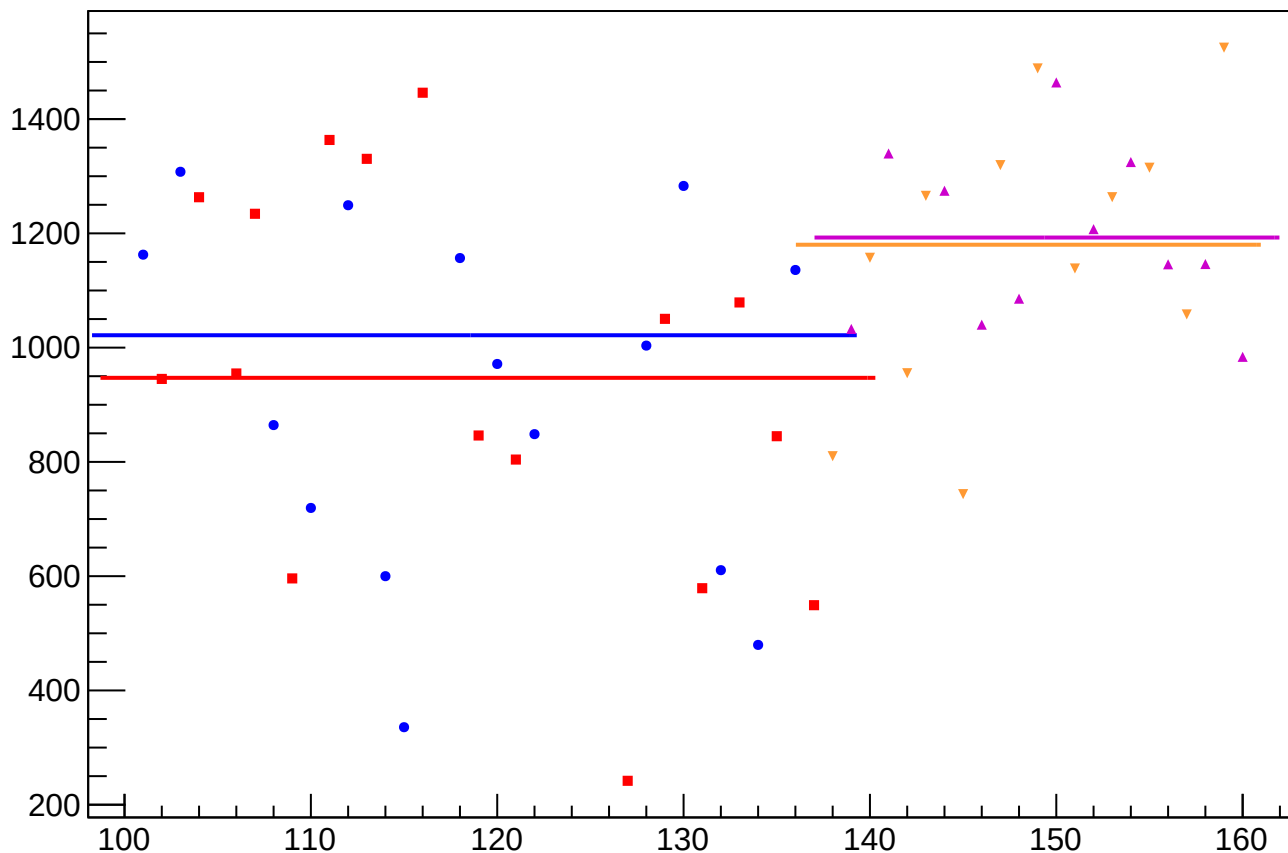
+ sign 100772.113+/-0.000 χ^2/NDF : 176748026895
 All: 104792.930+/-0.000 χ^2/NDF : 328044500
 - sign 108742.985+/-0.000 χ^2/NDF : 146287150012

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000	χ^2/NDF : 1031389230165640157864439705583367487488.0/14	+ sign 2905.309+/-0.000	χ^2/NDF : 21707015926614
Left Out: 3077.945+/-0.000	χ^2/NDF : 1073709891492389198093936322660595138560.0/11	All: 2941.931+/-0.000	χ^2/NDF : 41605670277
Right Out: 2624.696+/-0.000	χ^2/NDF : 1566705216866534713590934835660406652928.0/15	- sign 2977.909+/-0.000	χ^2/NDF : 19857098184284
Left In: 3232.879+/-0.000	χ^2/NDF : 275721007613891276741007240283331493888.0/10		

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

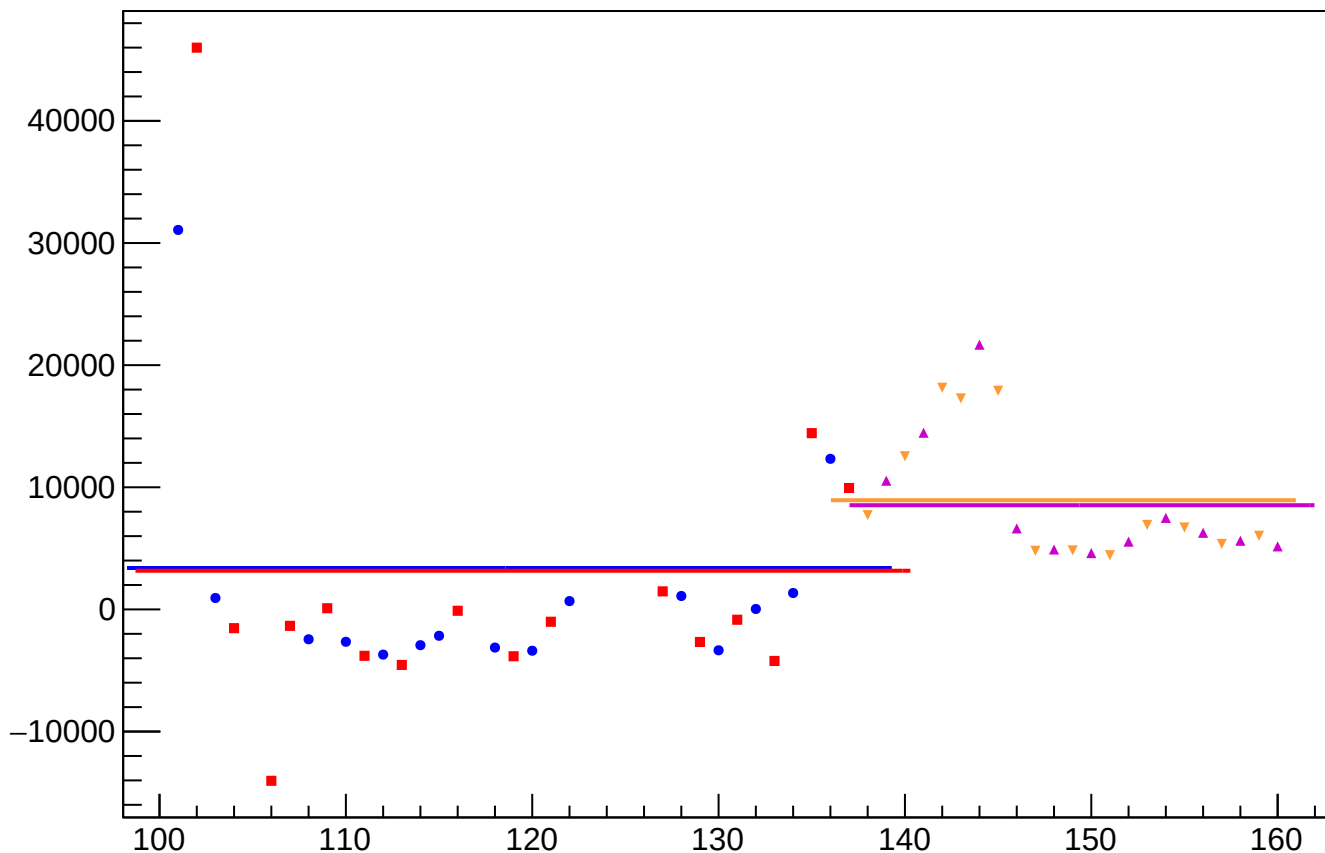
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

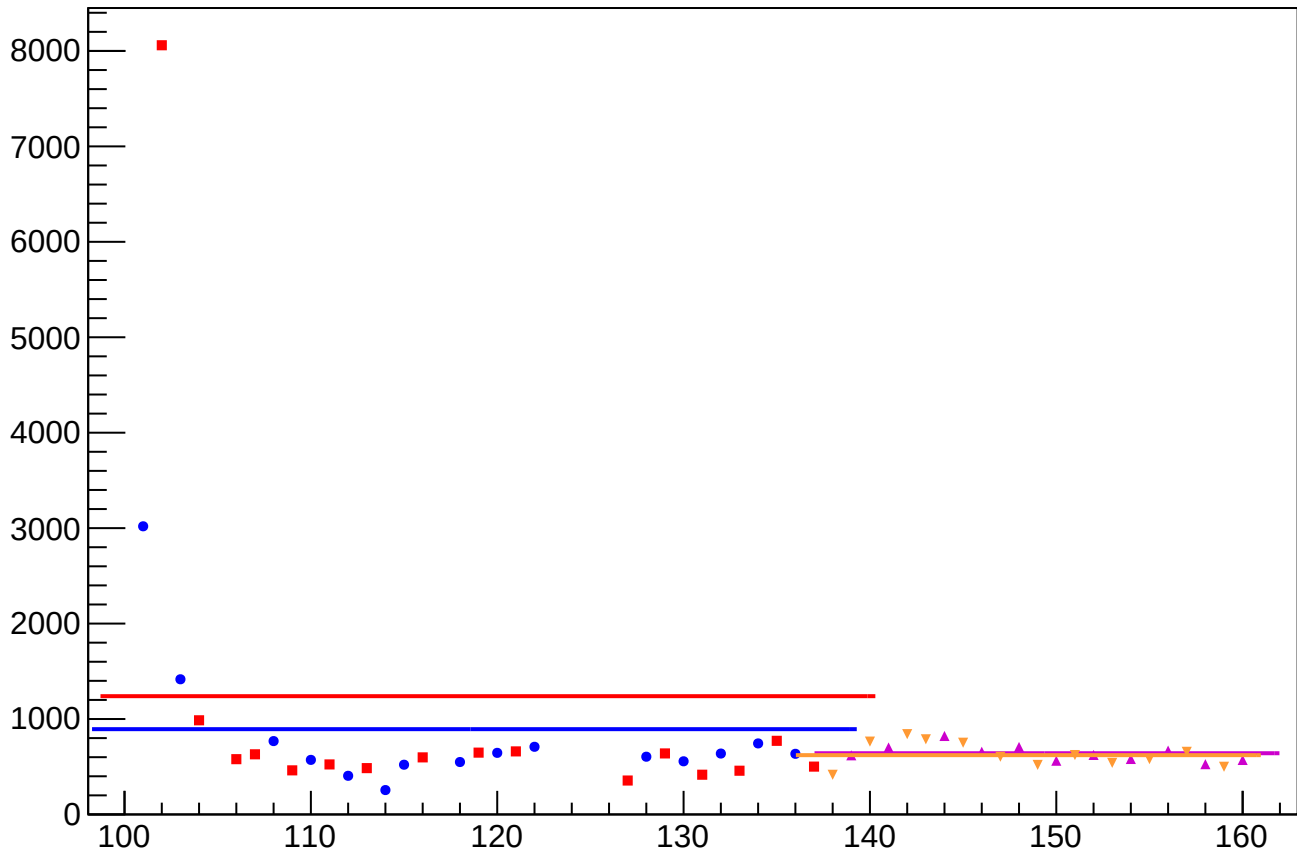
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8941.712+/-0.000 χ^2/NDF : 22757542723529976862924189628837264359424.0/11
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8532.821+/-0.000 χ^2/NDF : 24299515949380224586324737558095226470400.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 621.395+/-0.000 χ^2/NDF : 13220761349033595391183034930255888384.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

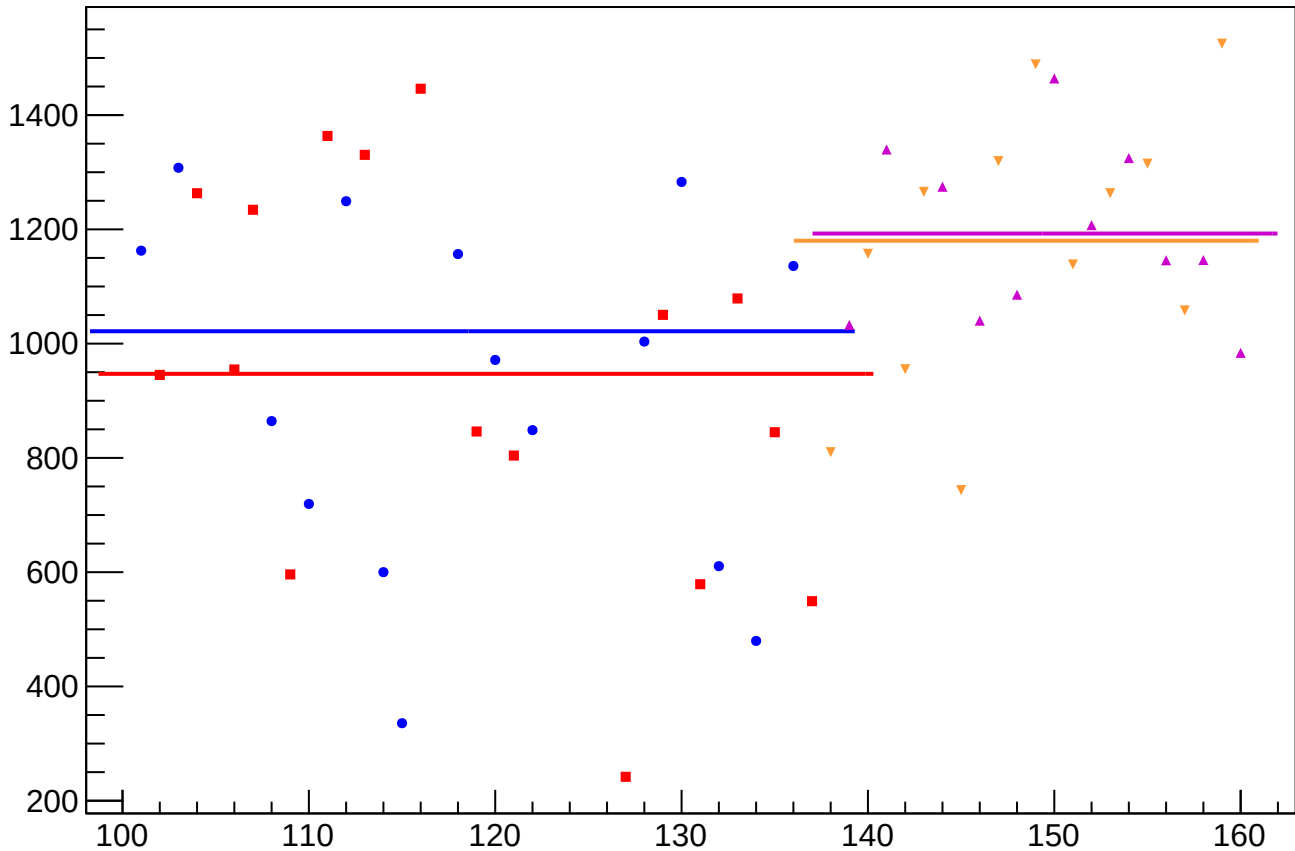
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

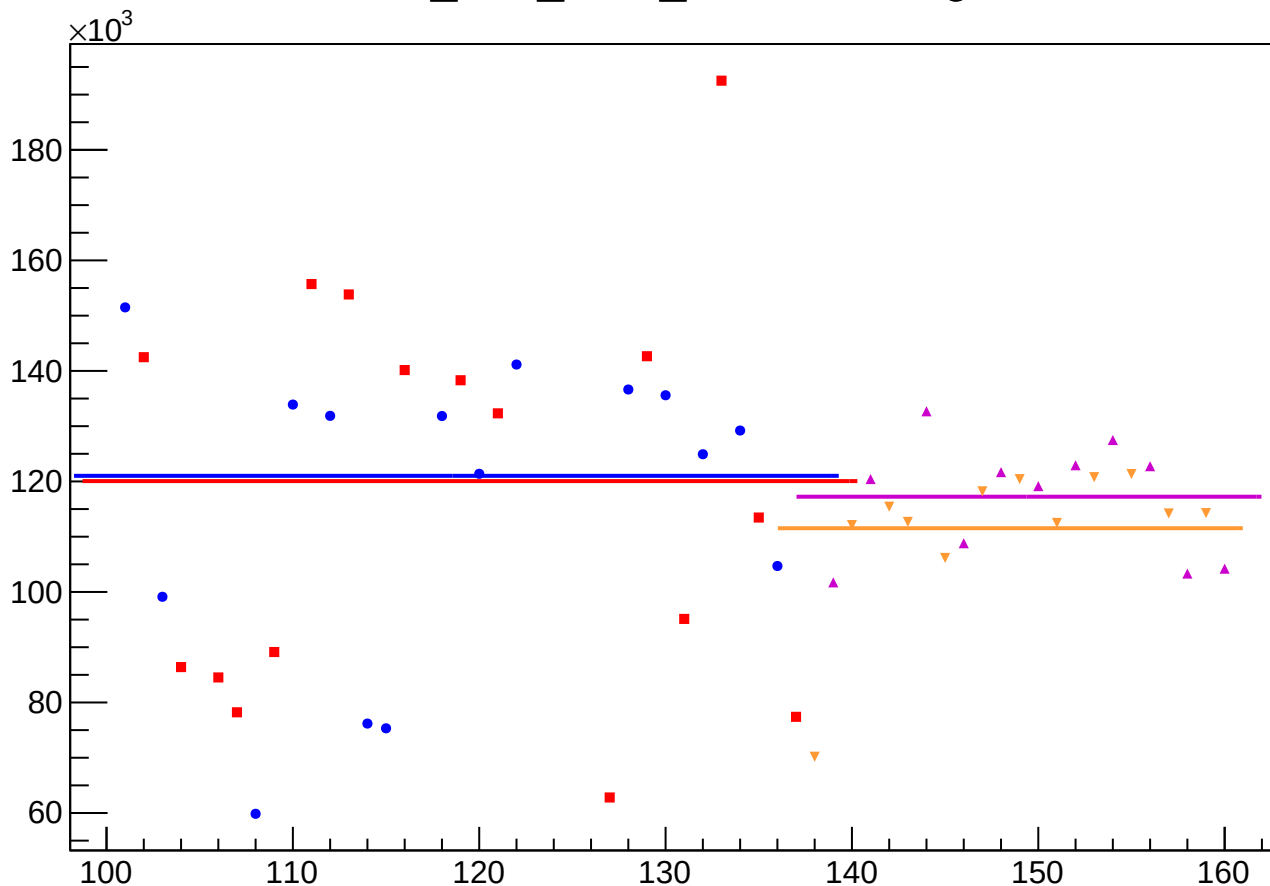
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



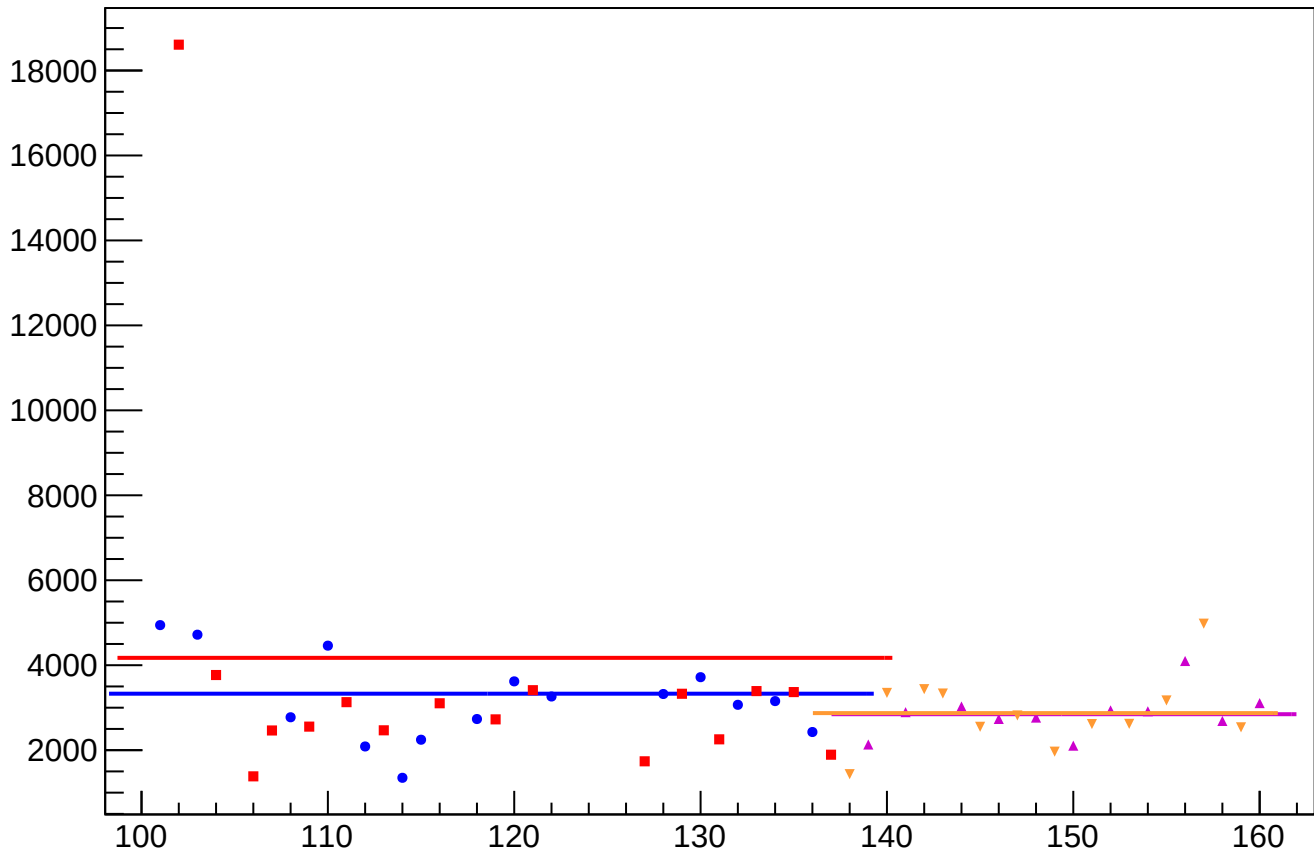
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_atr2_coil7_mean vs Slug



Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 111531.681 $\pm$ 0.000 χ^2 /NDF: 162724299829921950370834246417372913074176.0/11
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 117237.465 $\pm$ 0.000 χ^2 /NDF: 92299527706158063096544434206678792011776.0/10

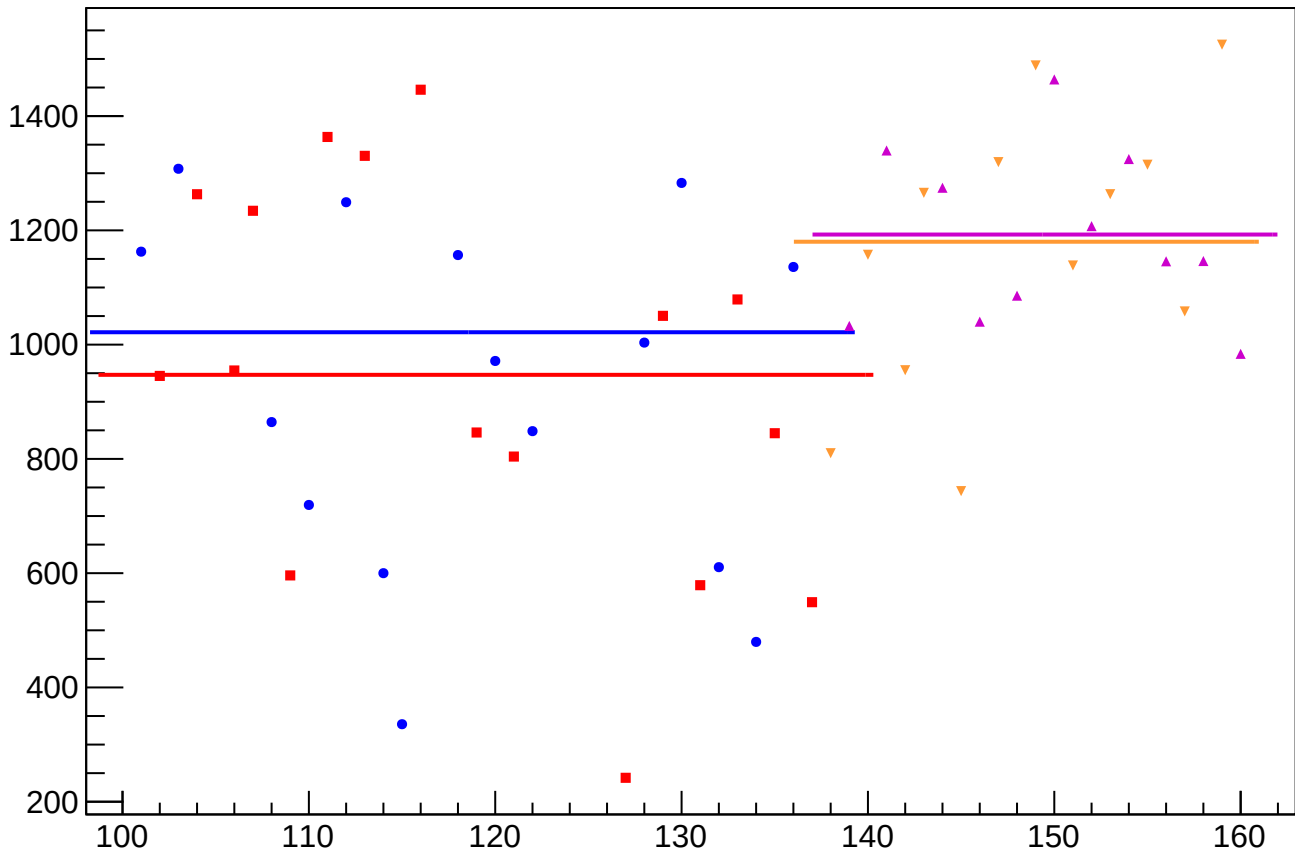
dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567+/-0.000 χ^2/NDF : 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559+/-0.000 χ^2/NDF : 229557109736682123603885764134616170496.0/10

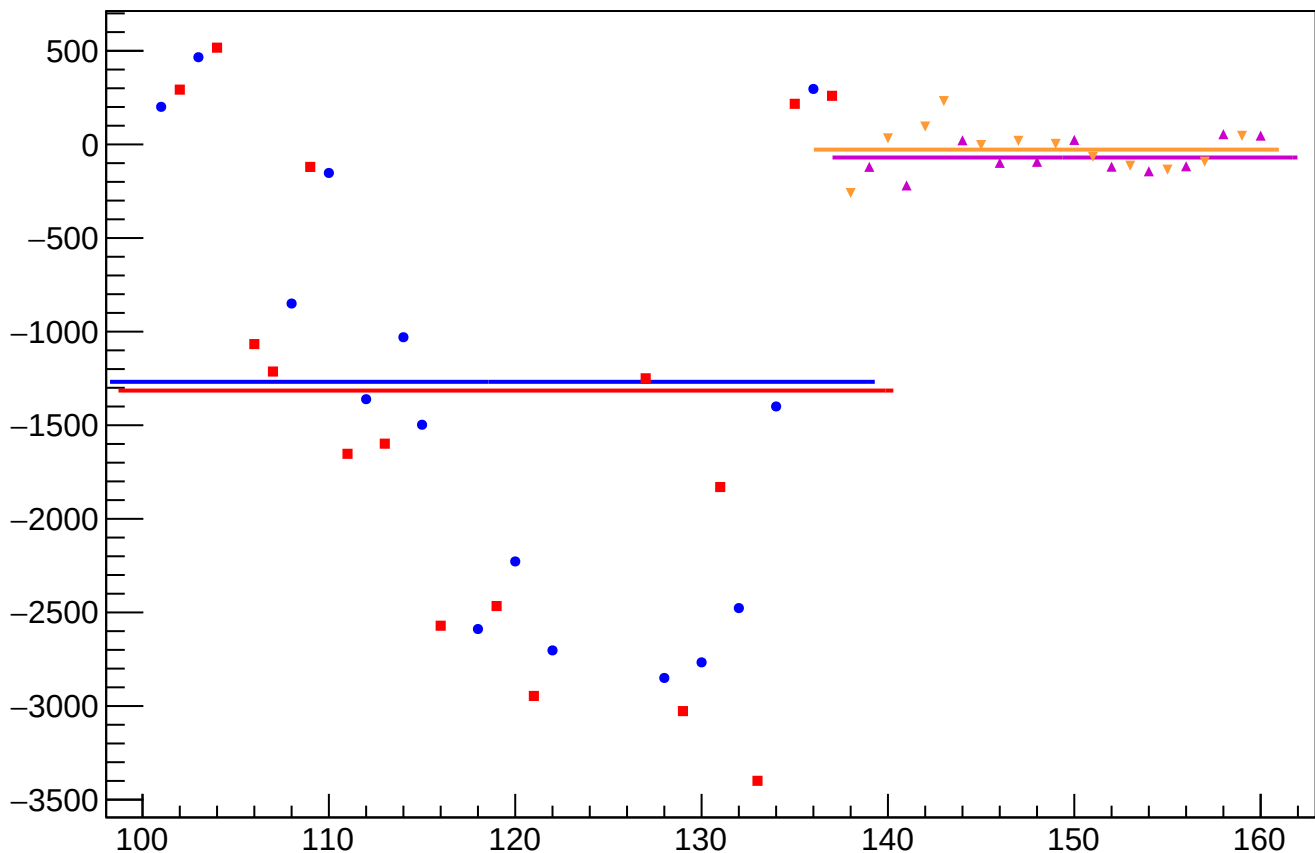
+ sign 3062.293+/-0.000 χ^2/NDF : 13091528183331
 All: 3234.072+/-0.000 χ^2/NDF : 15810392876
 - sign 3402.829+/-0.000 χ^2/NDF : 14409809055061

dit_atr2_coil7_Ndata_mean vs Slug



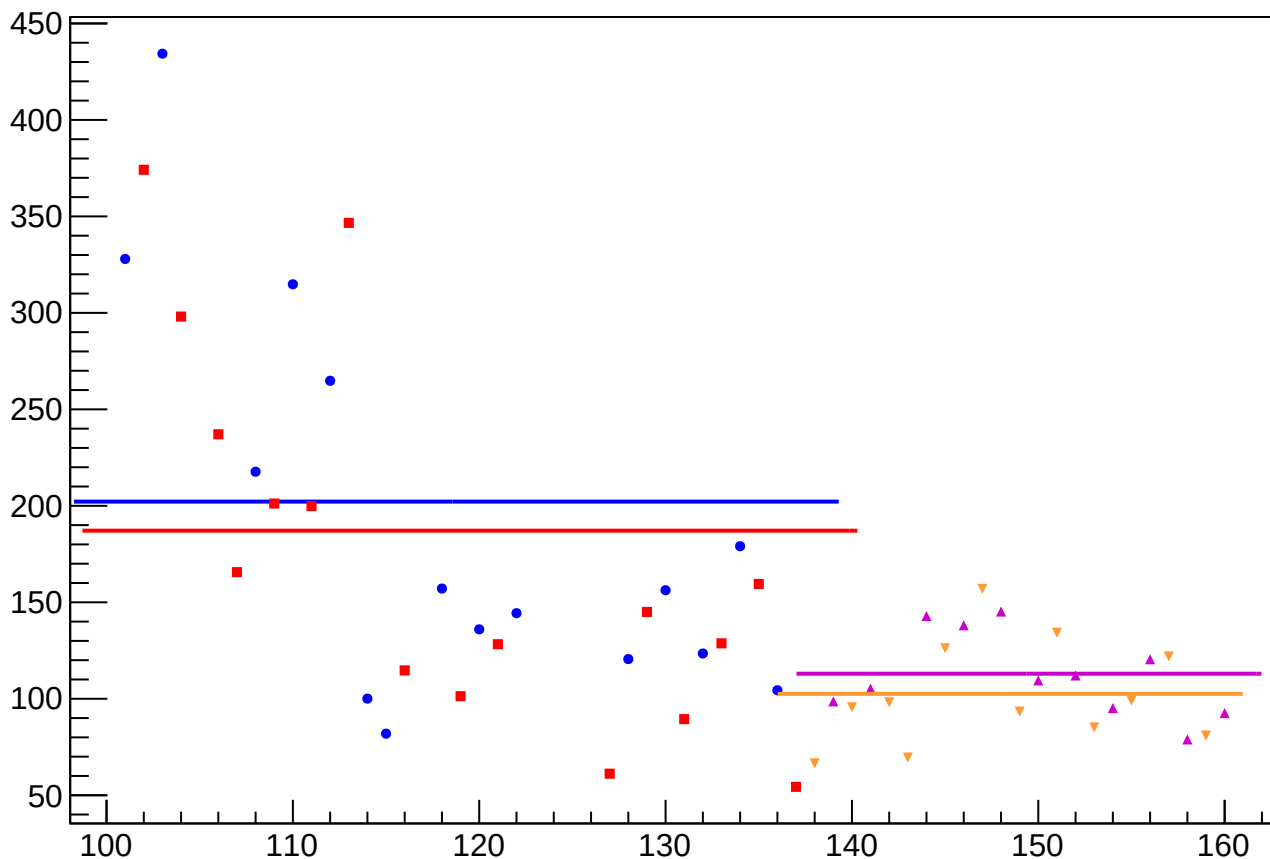
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061 ± 0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Left Out: -27.745 ± 0.000 χ^2/NDF : 12401866293776389782406733193877127168.0/11
 Right Out: -1314.767 ± 0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Left In: -69.887 ± 0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 102.547+/-0.000 χ^2/NDF : 631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

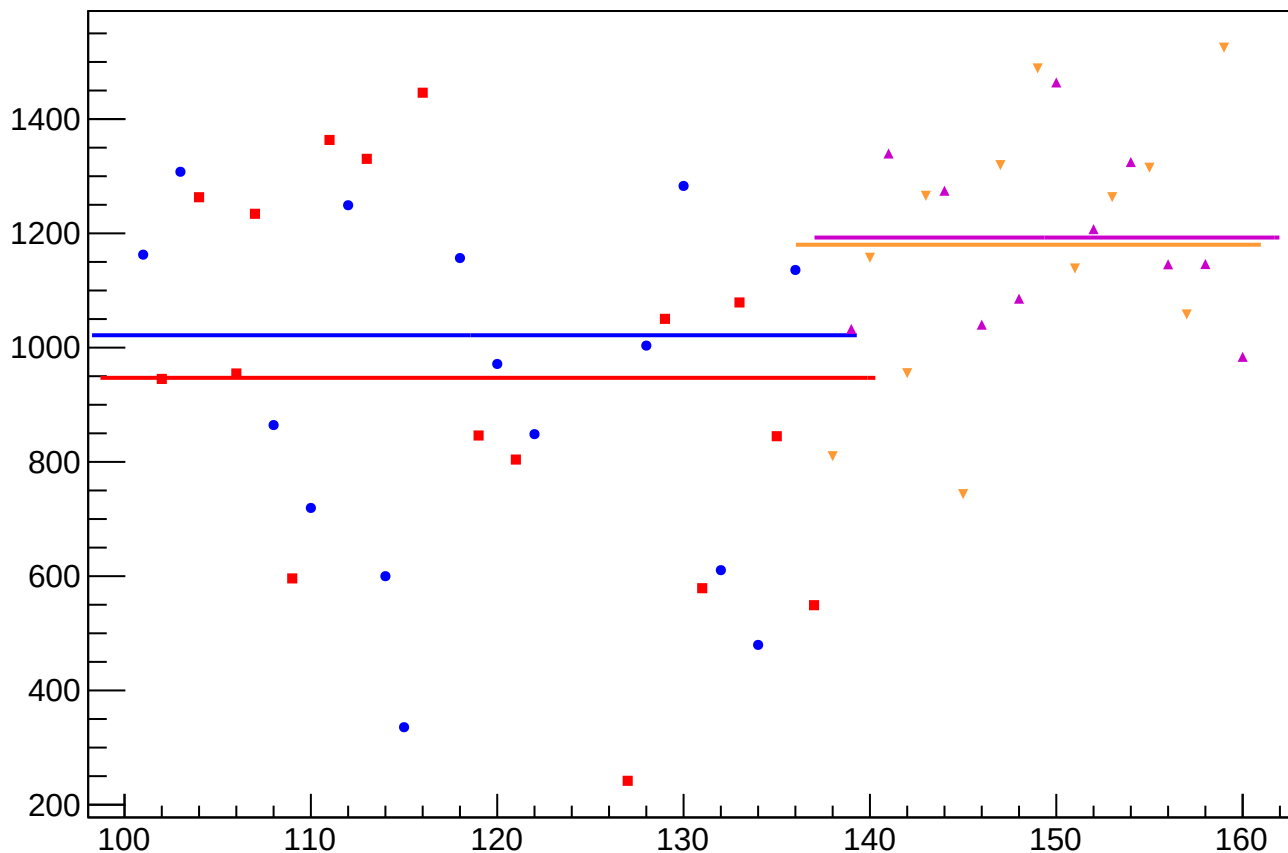
Left In: 112.981+/-0.000 χ^2/NDF : 399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF : 114280634979740

All: 143.994+/-0.000 χ^2/NDF : 20186723766

- sign 144.065+/-0.000 χ^2/NDF : 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

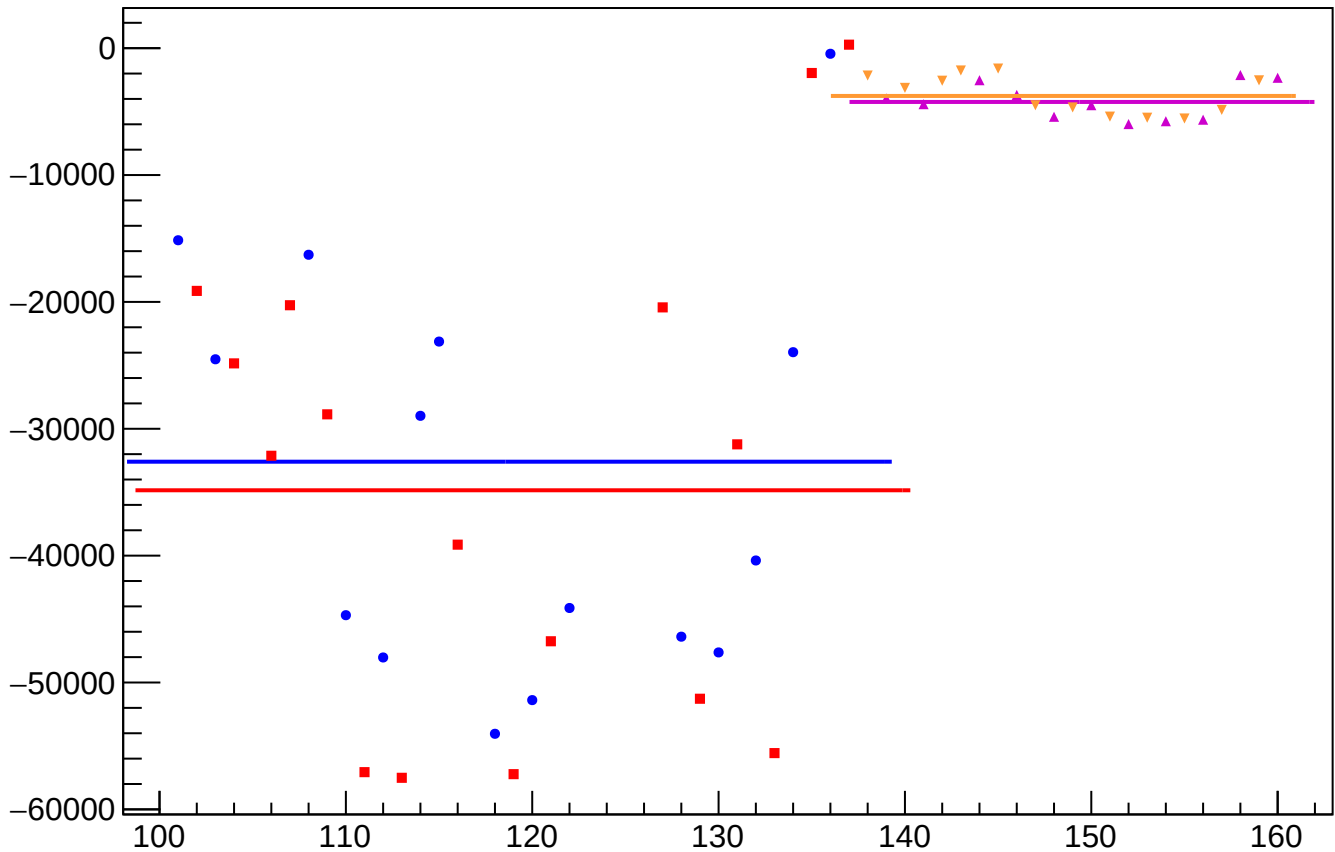
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

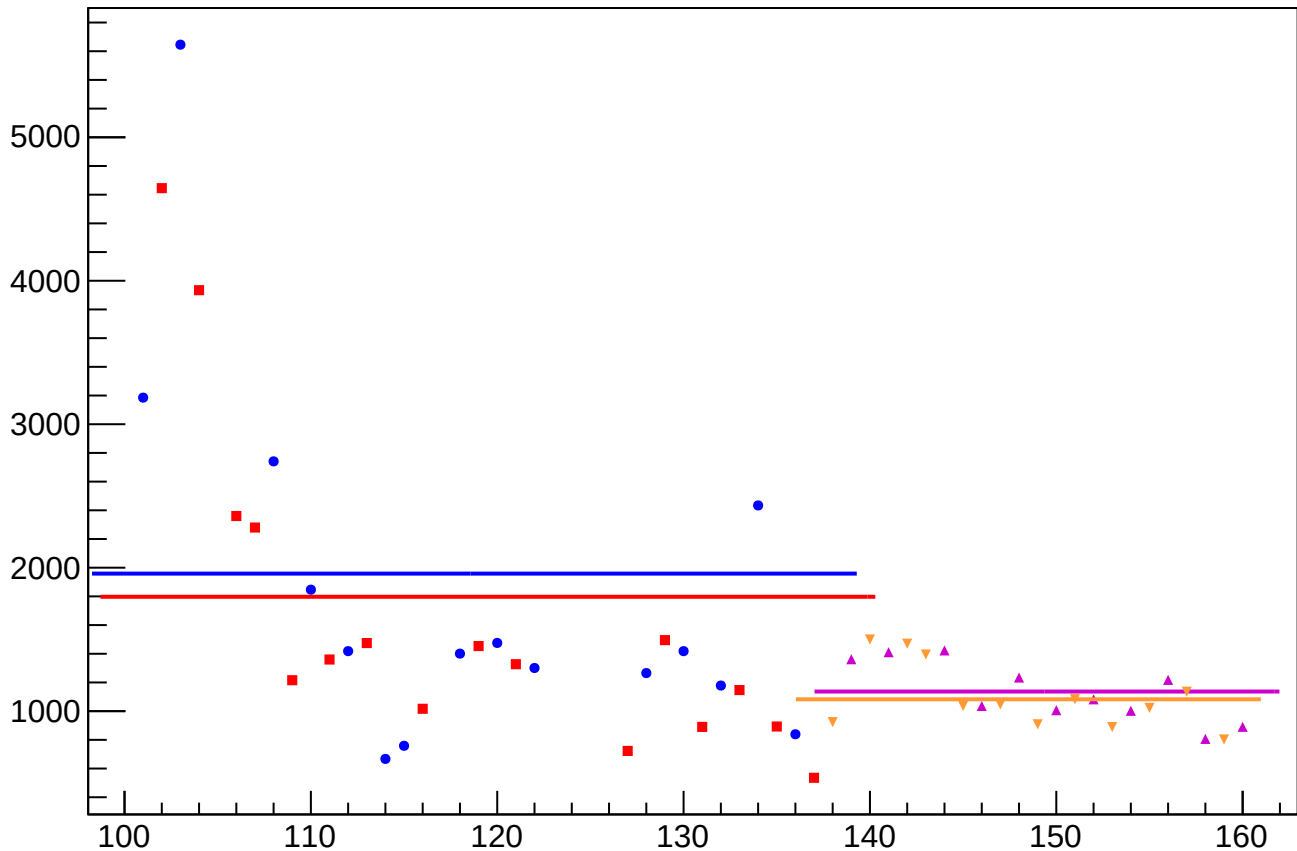
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam2_coil7_mean vs Slug



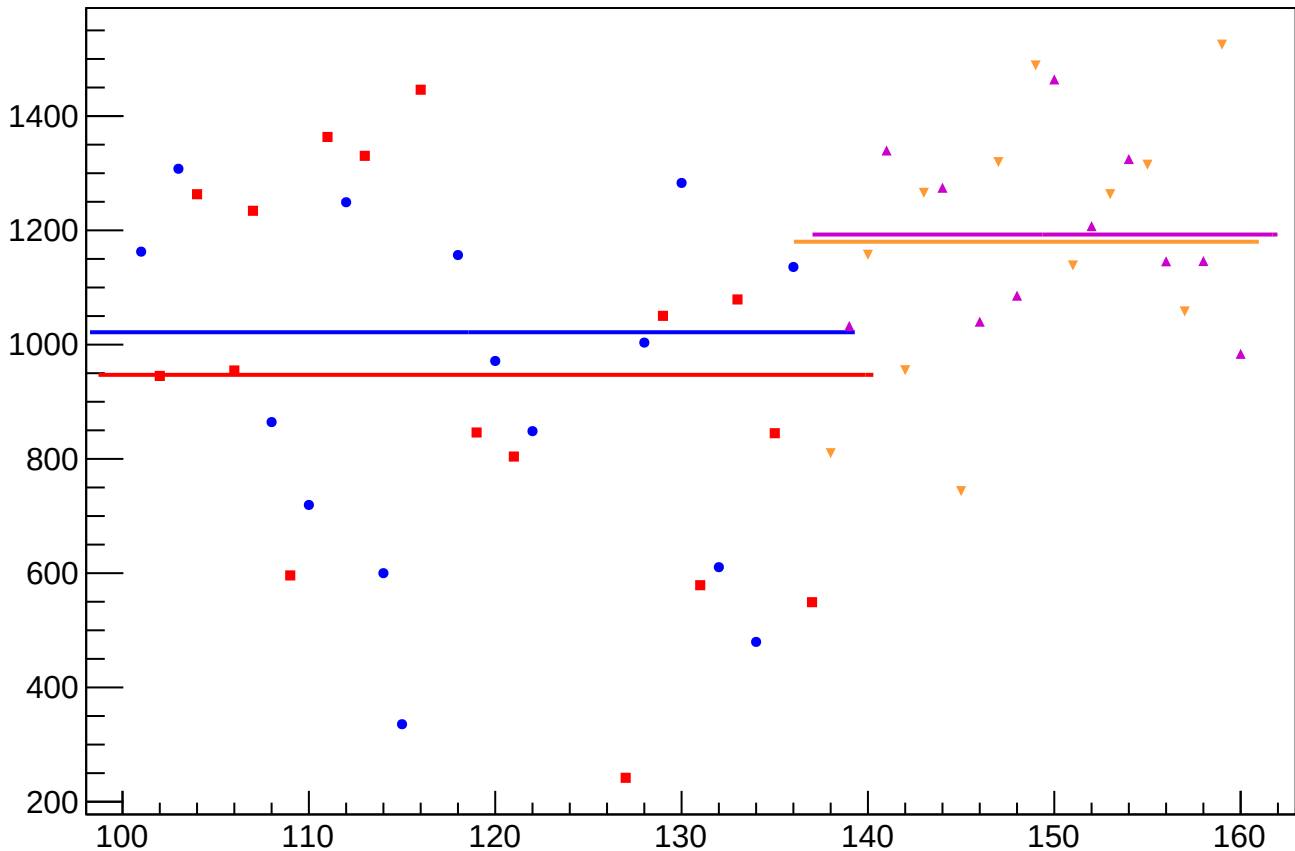
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764 ± 0.000 χ^2/NDF : 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



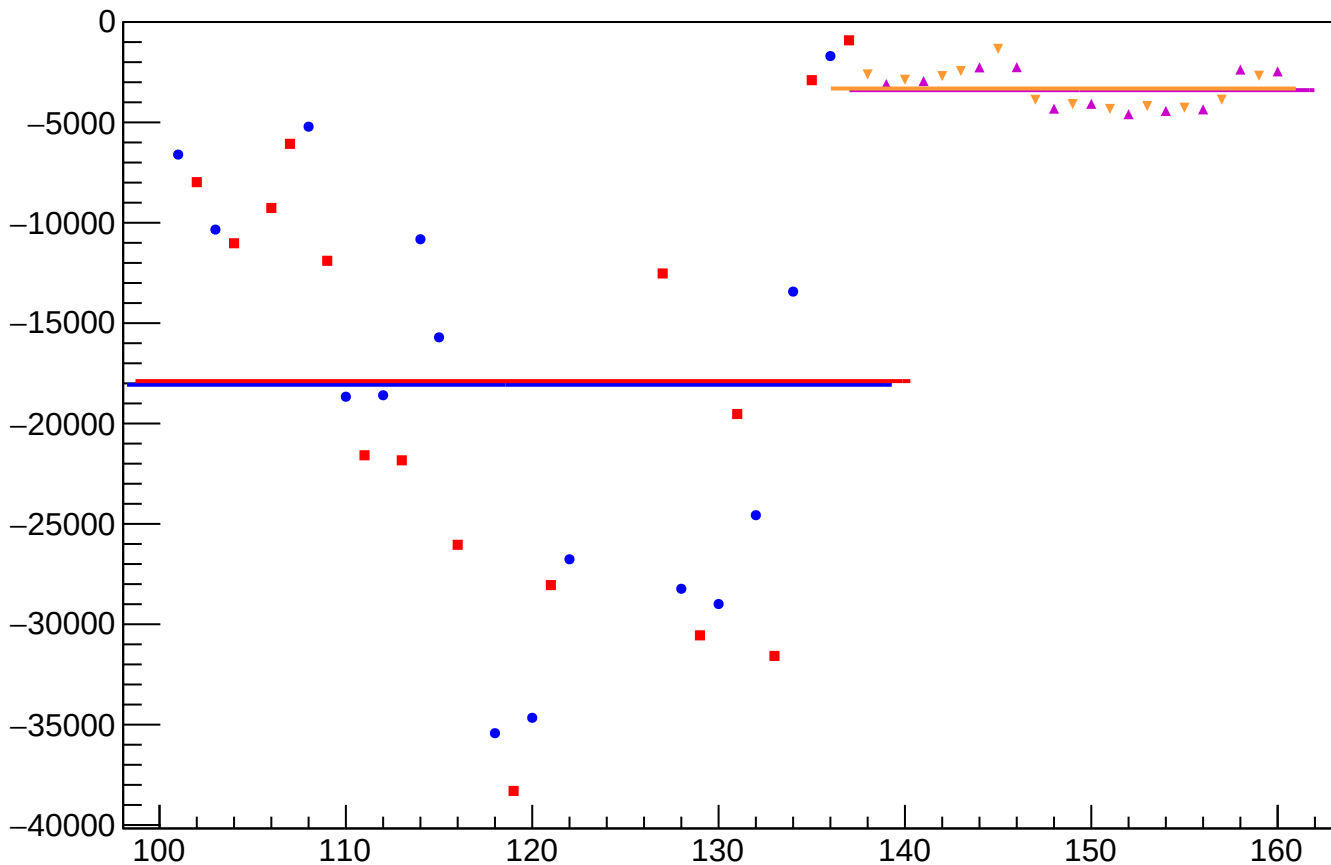
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769+/-0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

dit_sam2_coil7_Ndata_mean vs Slug



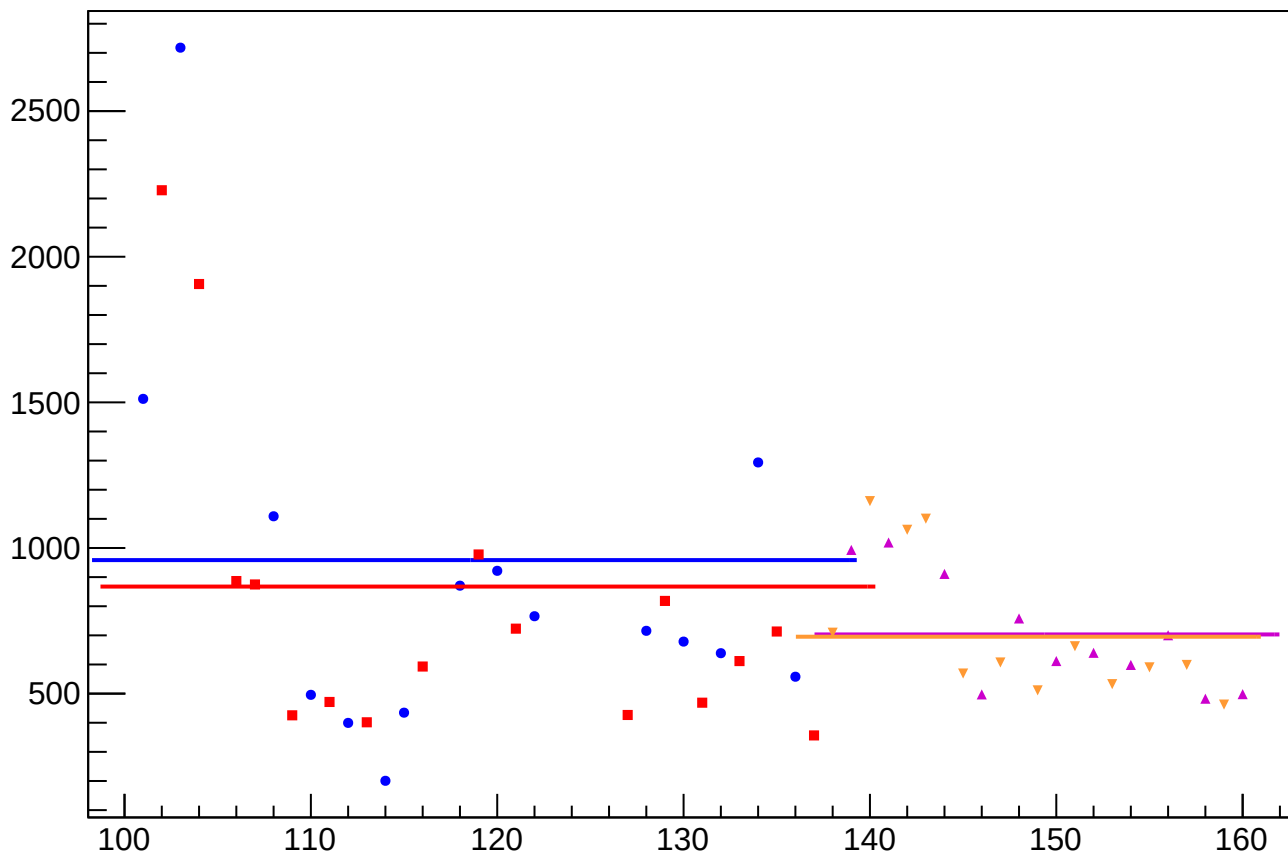
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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
 All: -9455.112+/-0.000 χ^2/NDF : 3283182119
 + sign -9439.320+/-0.000 χ^2/NDF : 1677312300640
 - 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

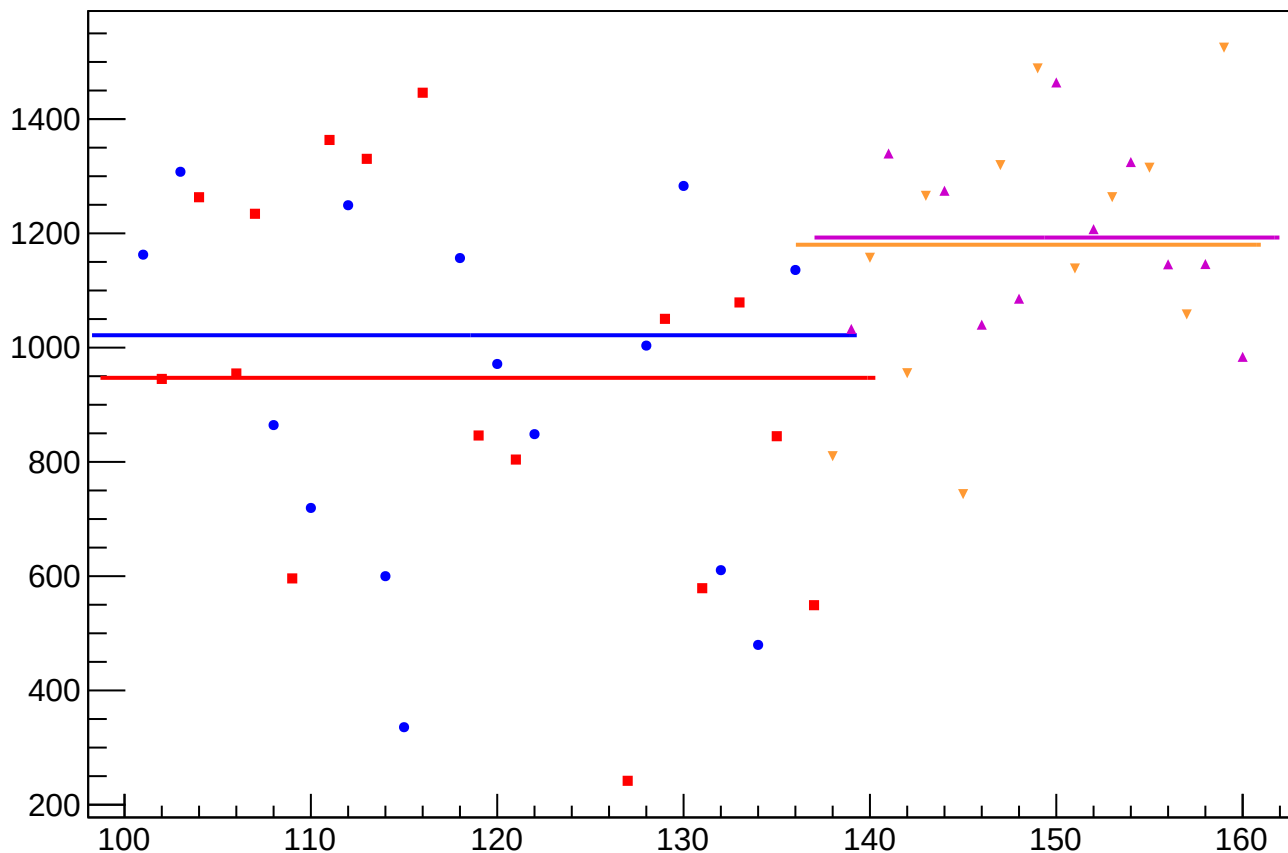
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ 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: 6778465601193652151169668028018196480.0/15

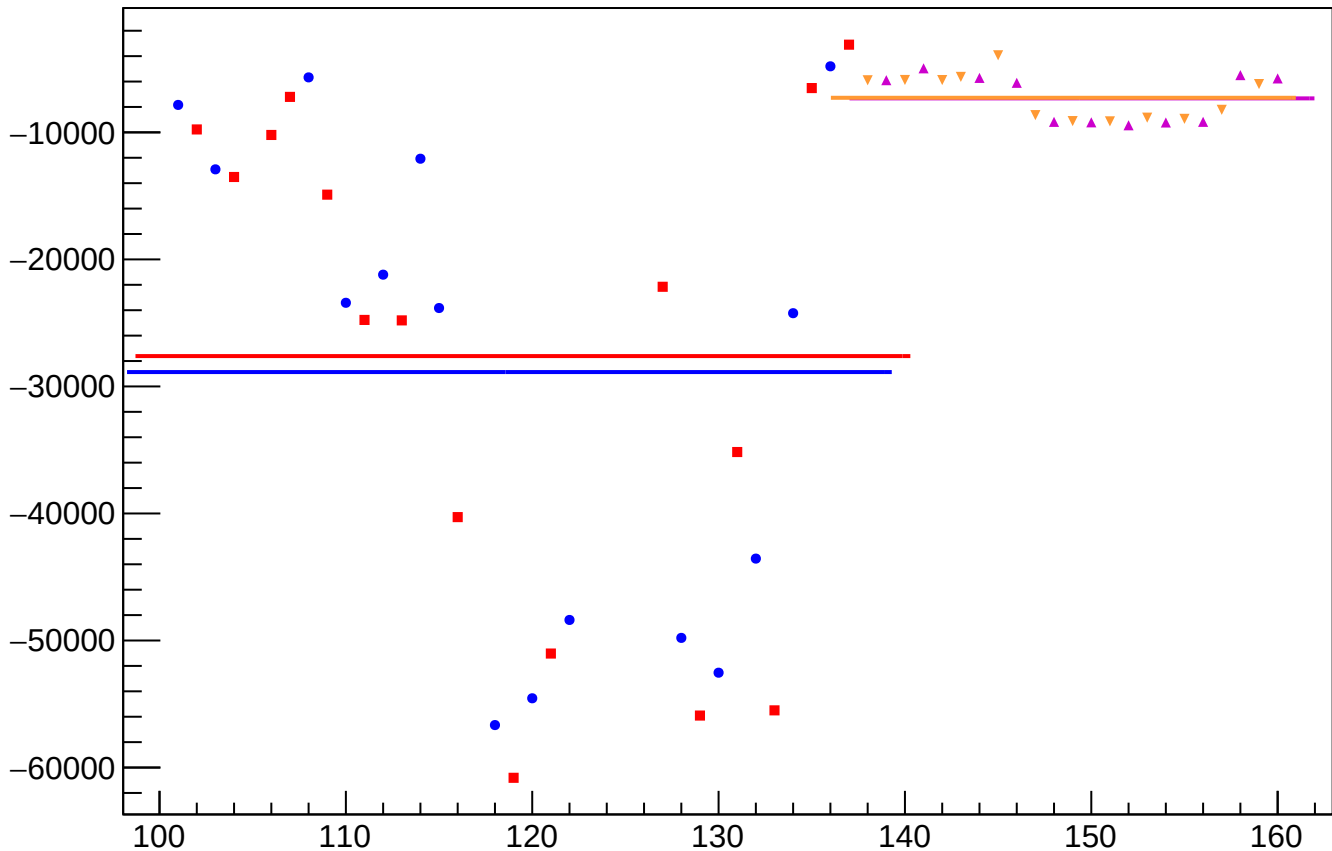
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

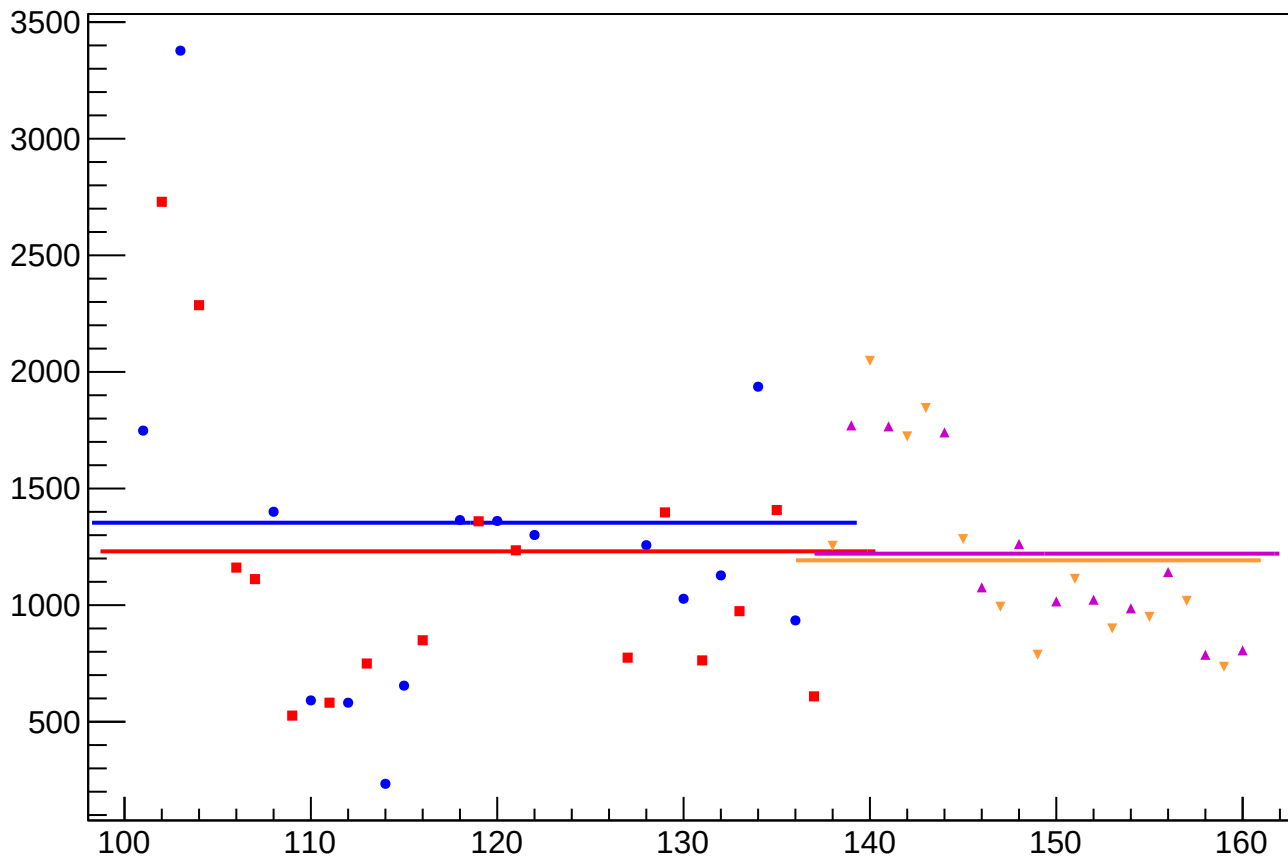
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

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

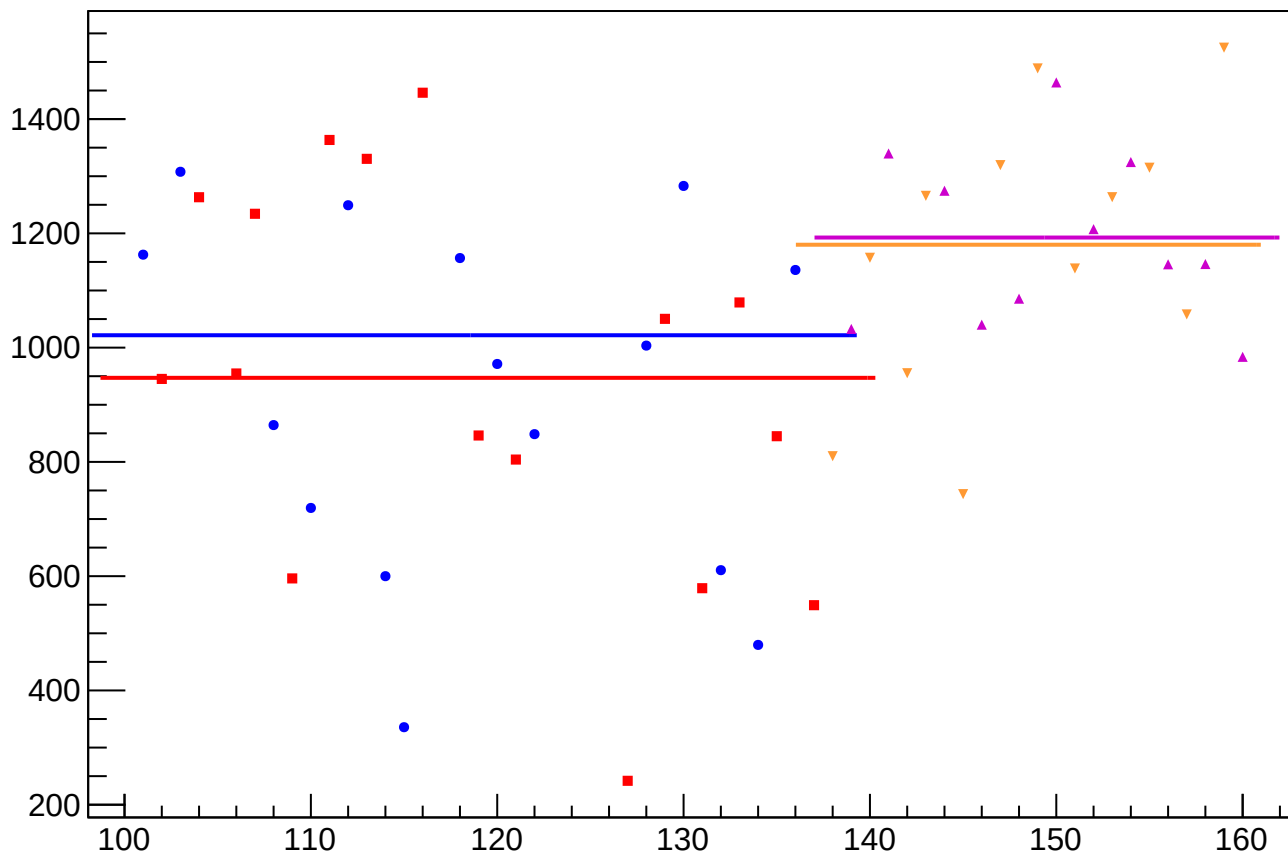
Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

+ 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

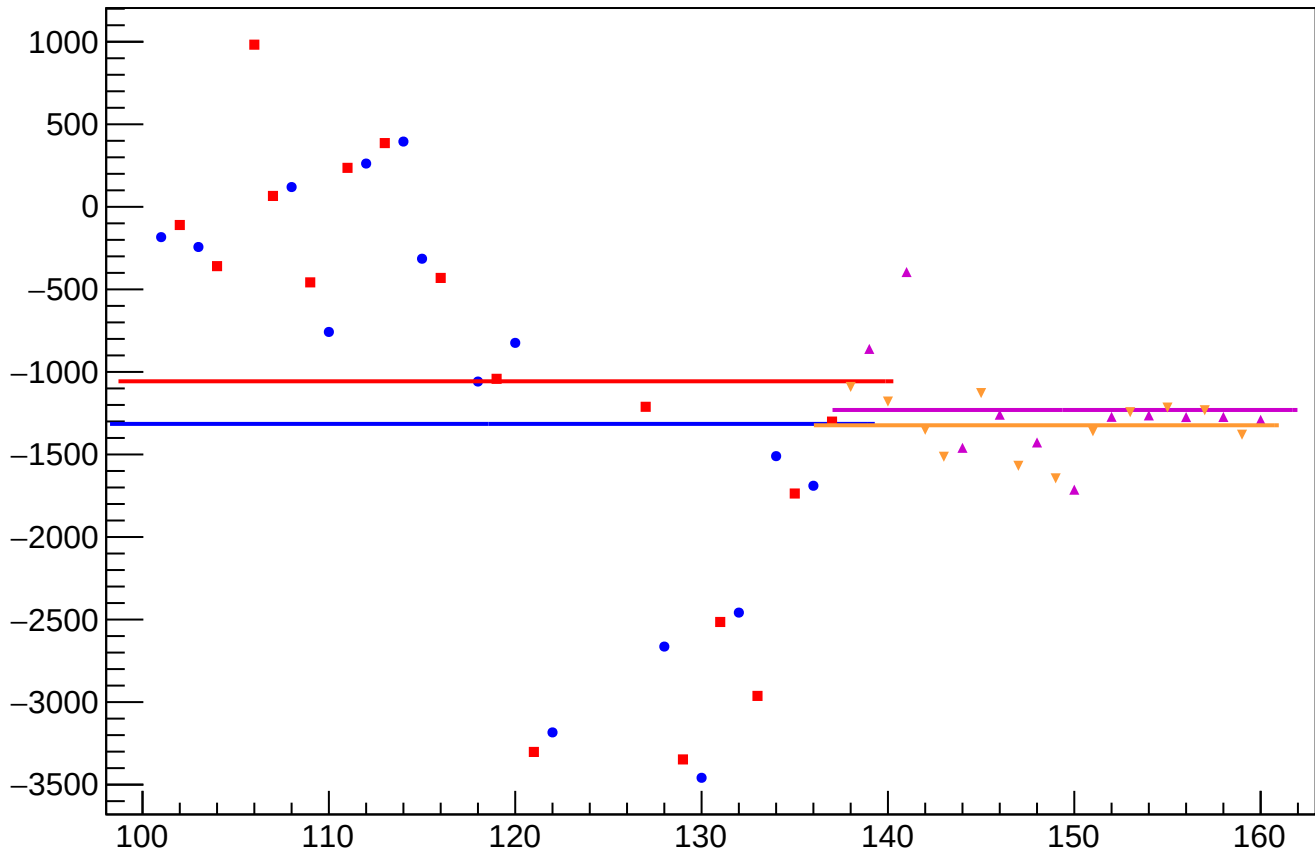
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

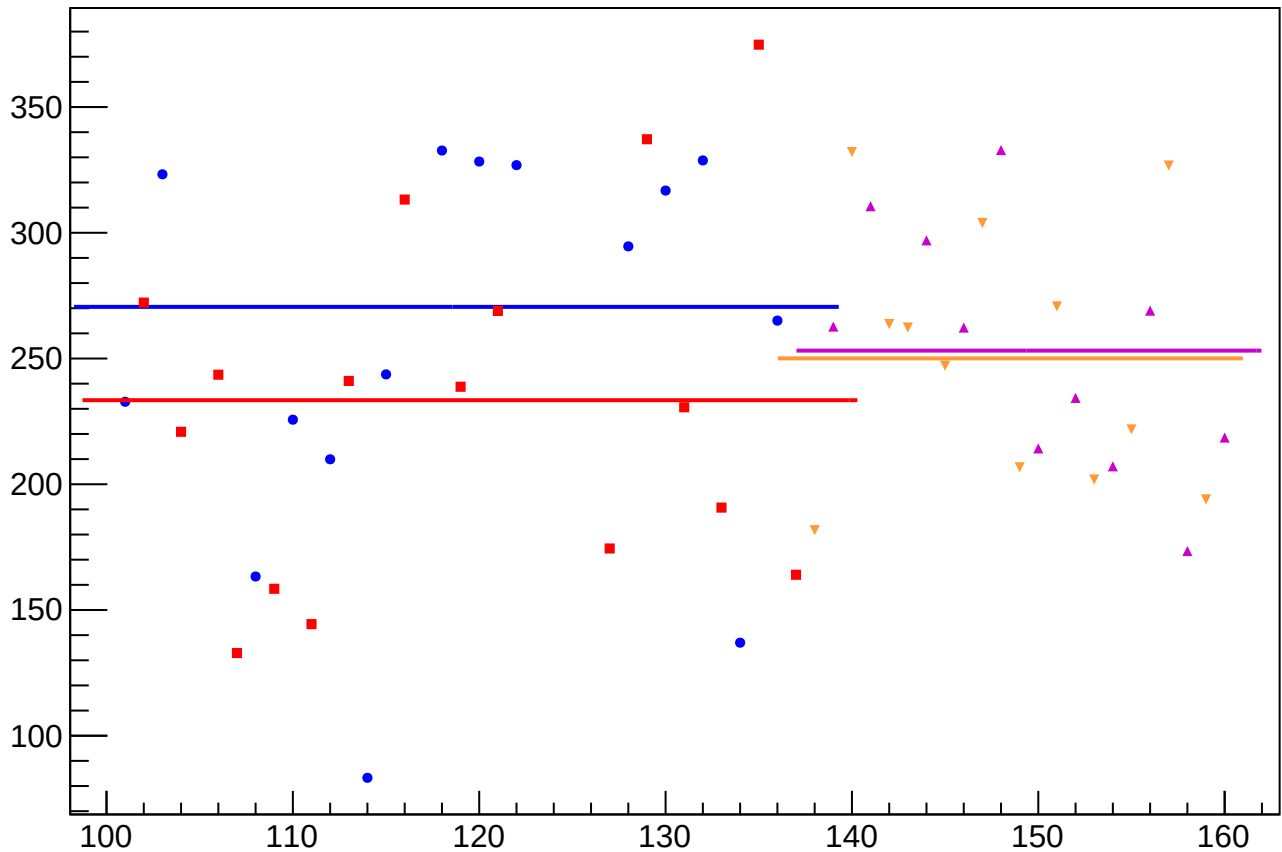
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

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 $\chi^2/\text{NDF}: 100431691068850056086409132460520505344.0/10$

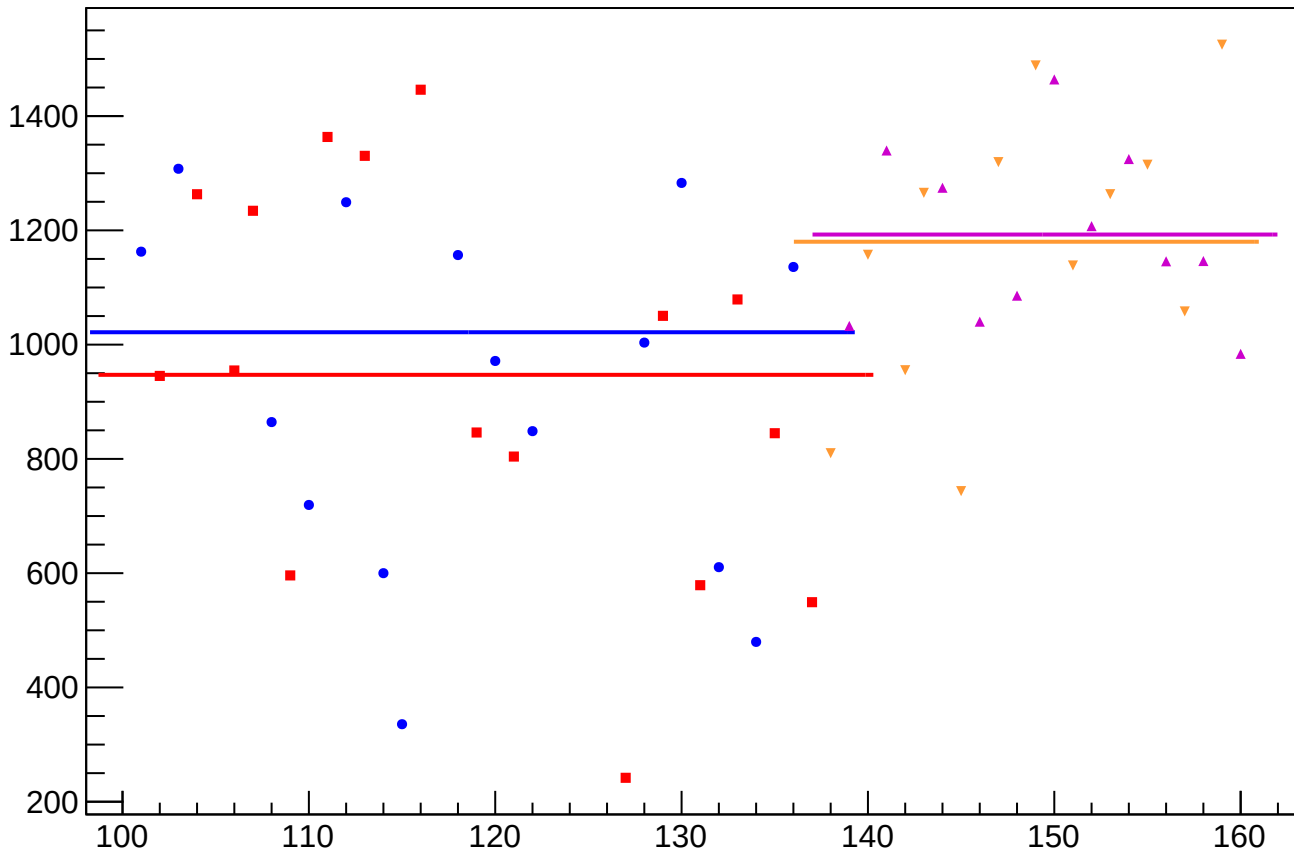
dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 250.055+/-0.000	χ^2/NDF : 2329396041694824766683600755668025344.0/11
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 253.145+/-0.000	χ^2/NDF : 1980196841930298045035907903943344128.0/10

+ sign 258.560+/-0.000 χ^2/NDF : 496246110495273
 All: 251.658+/-0.000 χ^2/NDF : 10289533435
 - sign 244.876+/-0.000 χ^2/NDF : 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

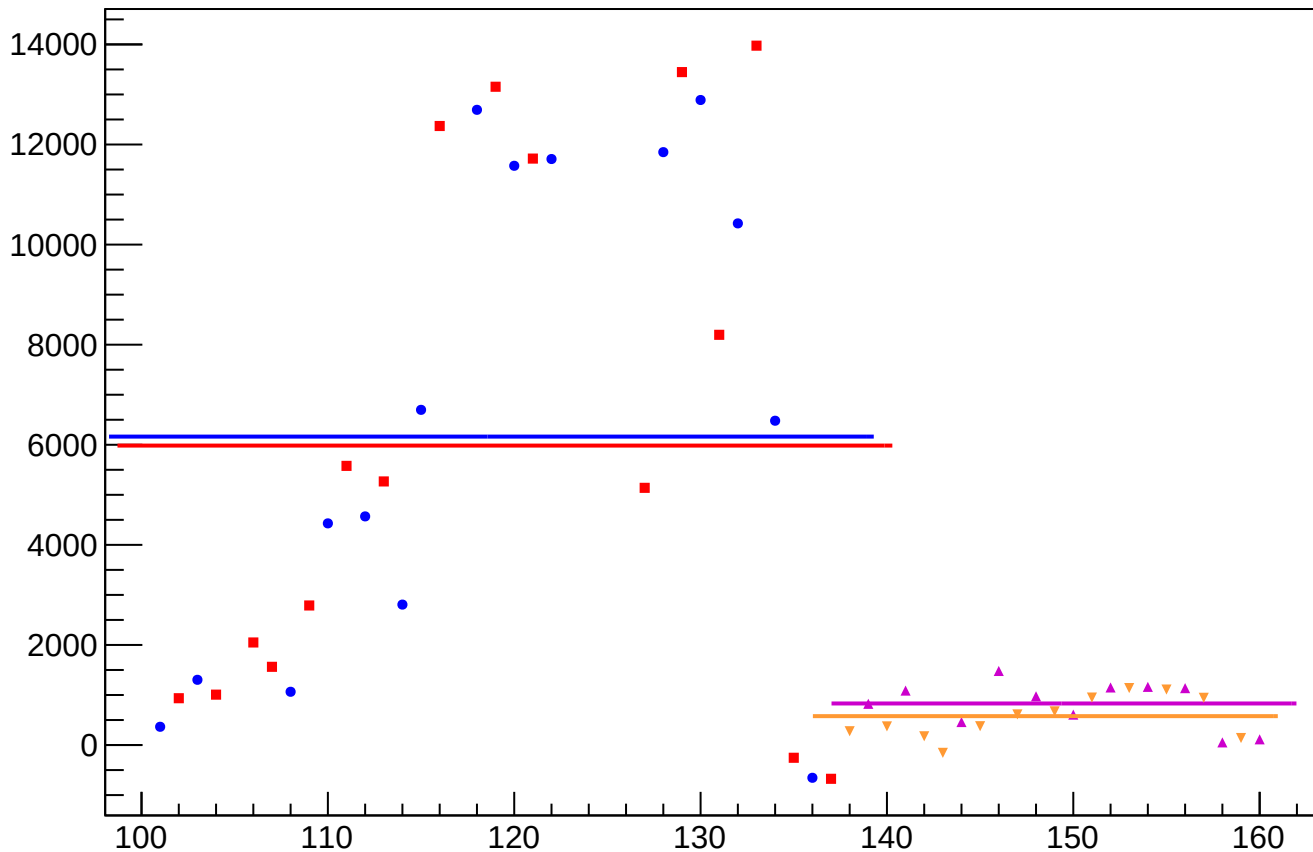
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

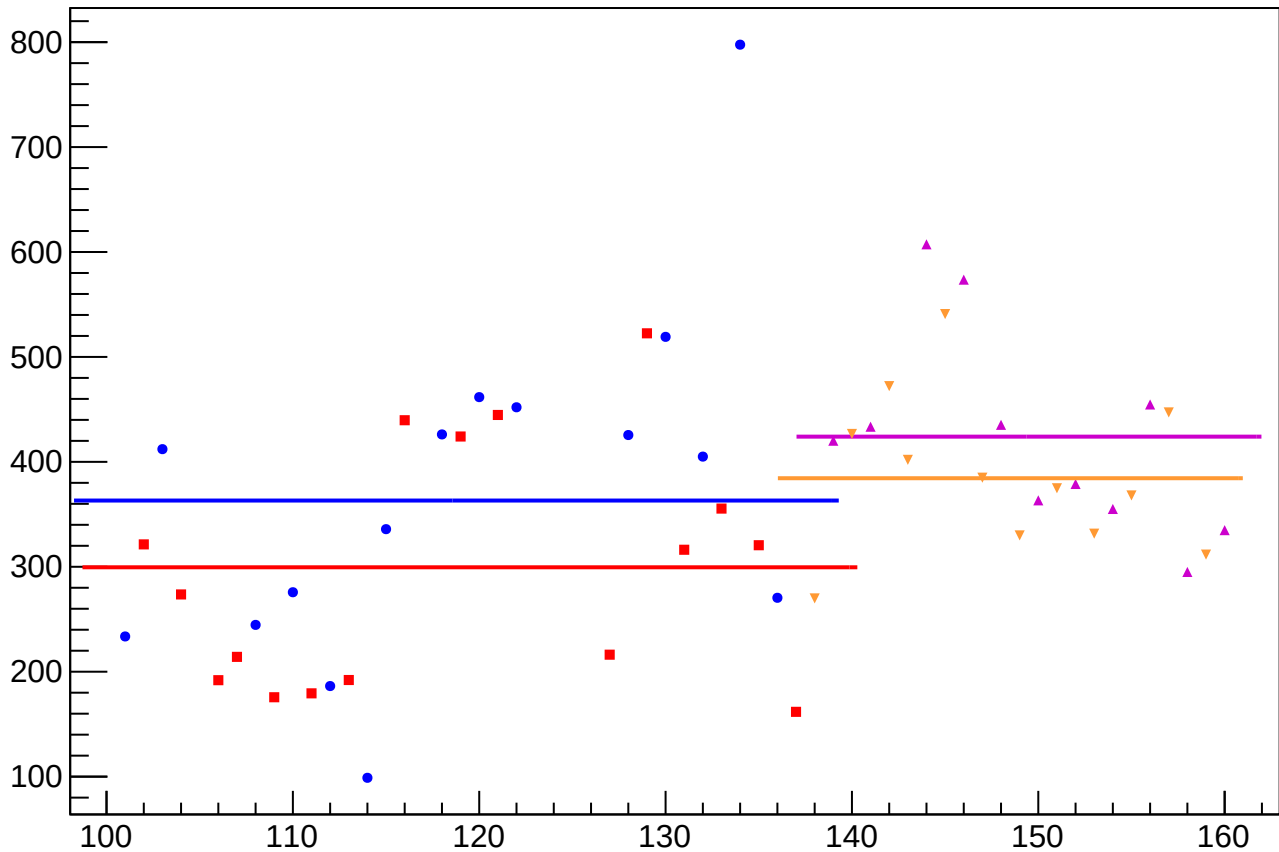
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 577.285+/-0.000 χ^2/NDF : 143964932817712353720884813497116917760.0/11
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10

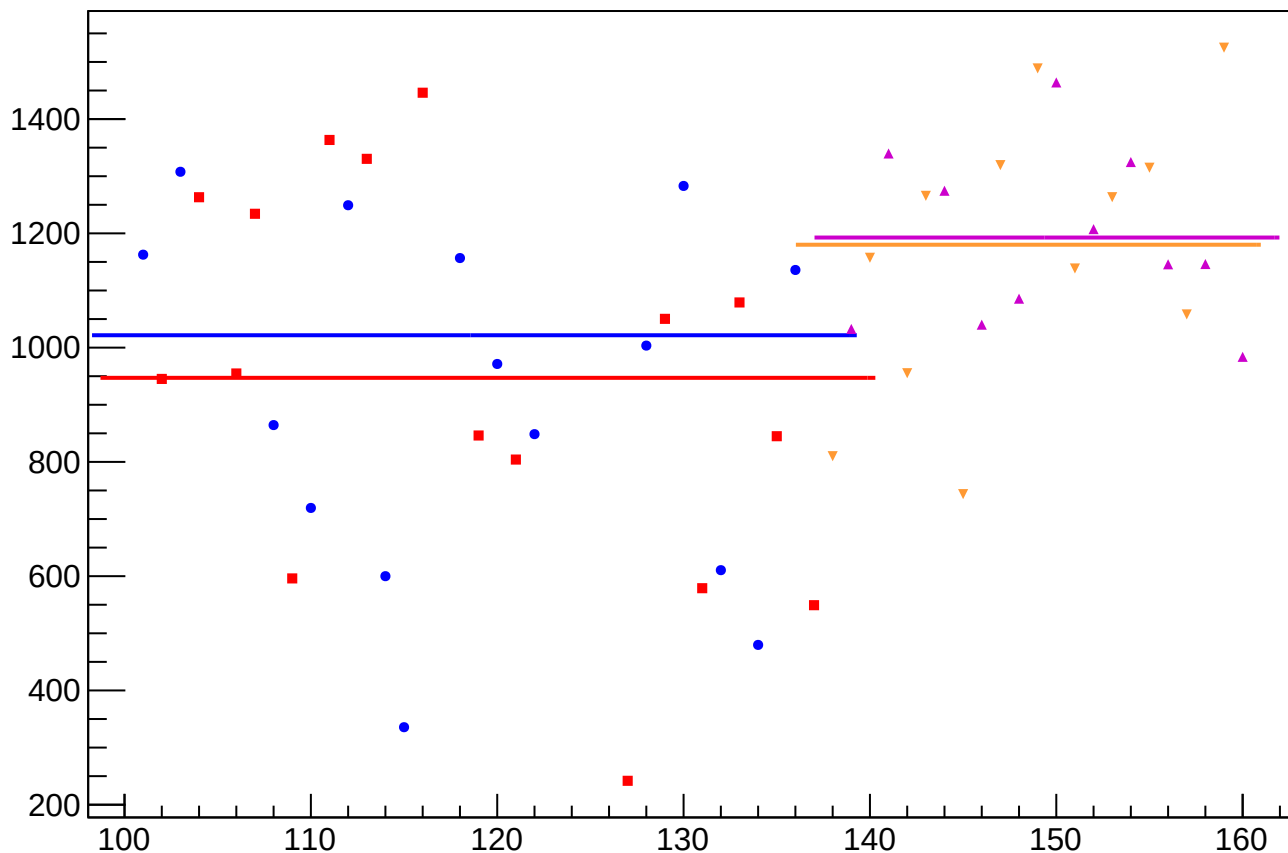
dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000	χ^2/NDF : 11502791697076456426435998277995331584.0/14
Left Out: 384.397+/-0.000	χ^2/NDF : 4703352228141784942428920611126378496.0/11
Right Out: 299.514+/-0.000	χ^2/NDF : 7685497318744225218354652828984672256.0/15
Left In: 424.034+/-0.000	χ^2/NDF : 7812894231718086106241094868881375232.0/10

+ sign 375.568+/-0.000 χ^2/NDF : 163777394222651
 All: 373.683+/-0.000 χ^2/NDF : 37893357873
 - sign 371.831+/-0.000 χ^2/NDF : 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

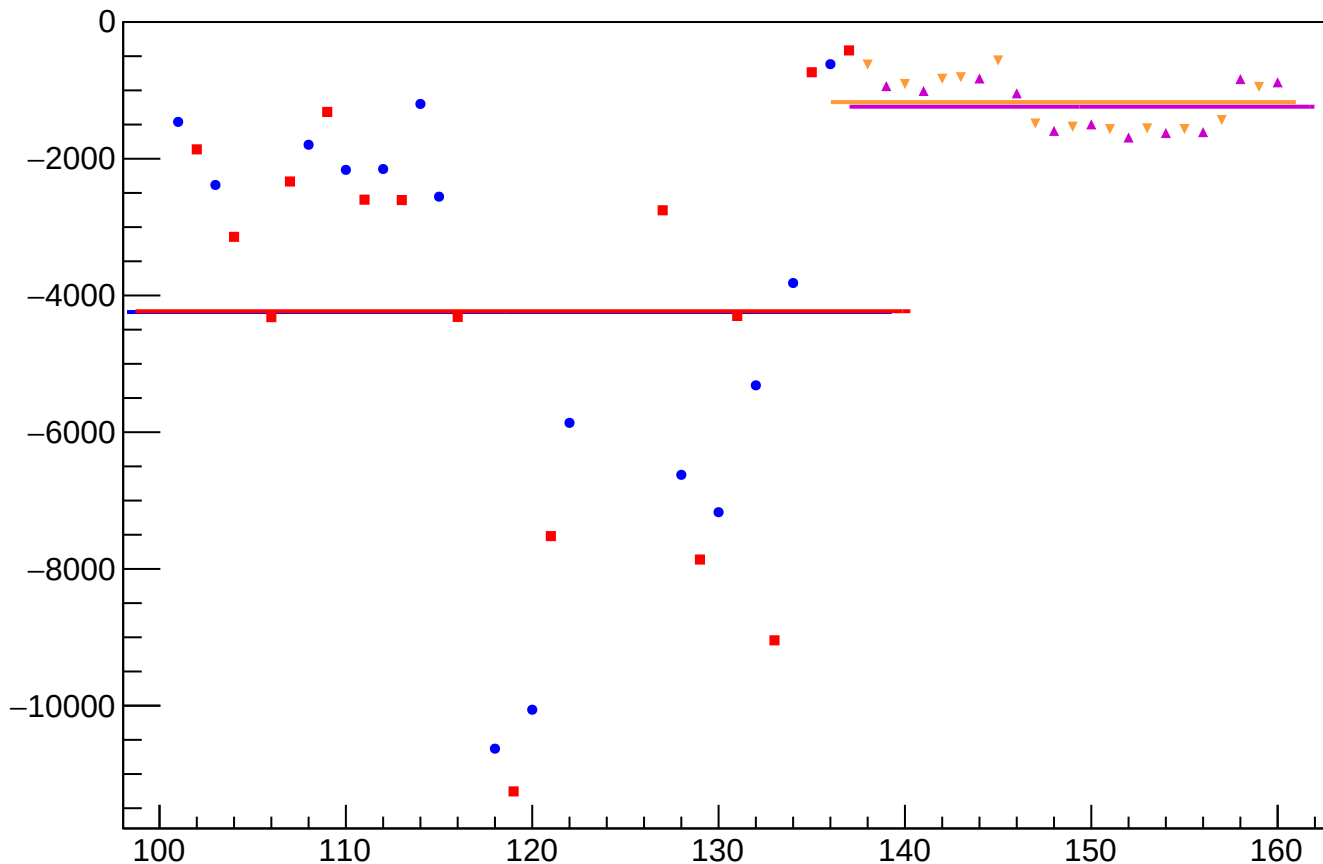
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

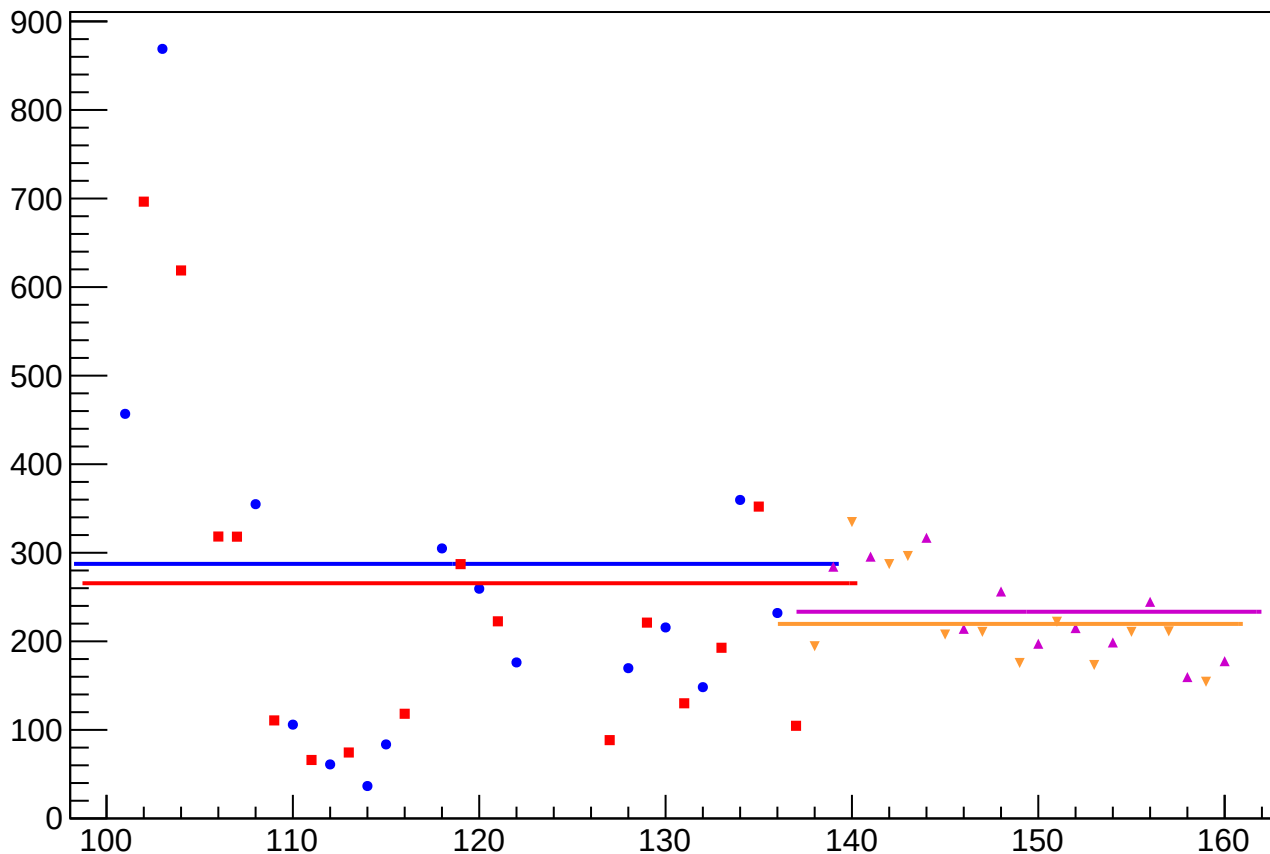
dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000	χ^2/NDF : 6783472272174151371145601081742110752768.0/14
Left Out: -1171.784+/-0.000	χ^2/NDF : 137401425112319786783295403719378599936.0/11
Right Out: -4230.978+/-0.000	χ^2/NDF : 6682409528103016752204343573740930465792.0/15
Left In: -1238.776+/-0.000	χ^2/NDF : 111339045659652616720712870833504124928.0/10

+ sign -2446.693+/-0.000 χ^2/NDF : 1049869951463
 All: -2470.156+/-0.000 χ^2/NDF : 2076239631
 - sign -2493.207+/-0.000 χ^2/NDF : 10261991032463

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF : 2455507522676926762328692419180101632.0/11

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

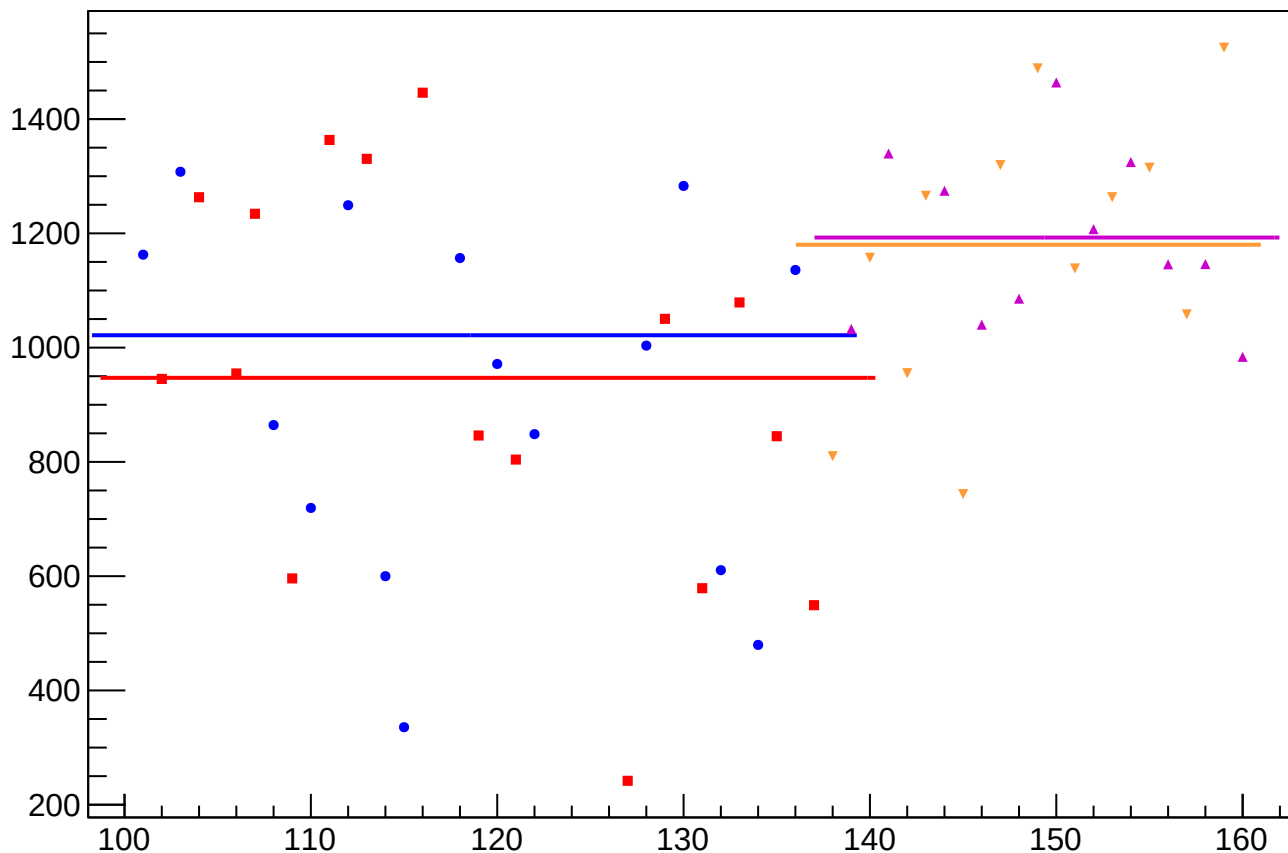
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.819+/-0.000 χ^2/NDF : 337165020245446

All: 247.353+/-0.000 χ^2/NDF : 621333161036

- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

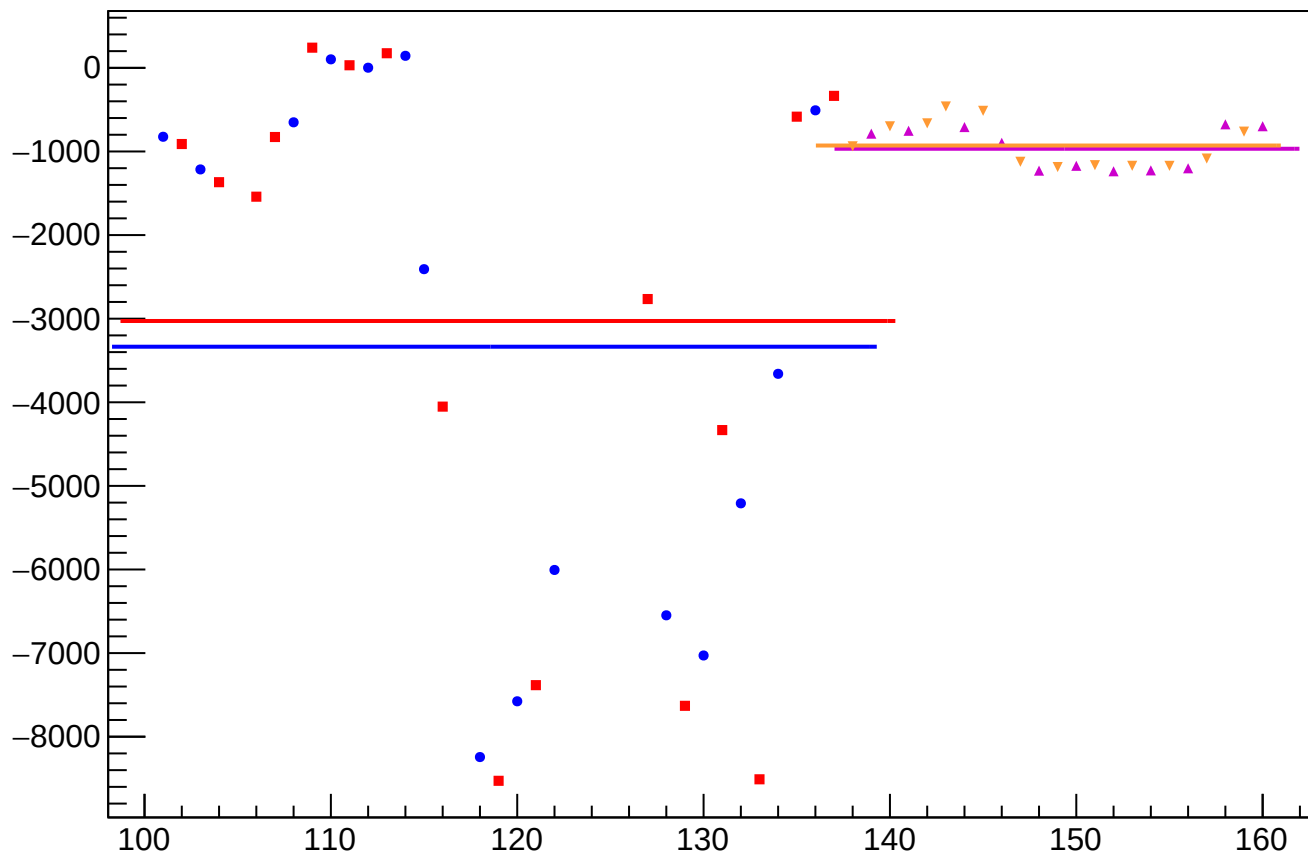
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

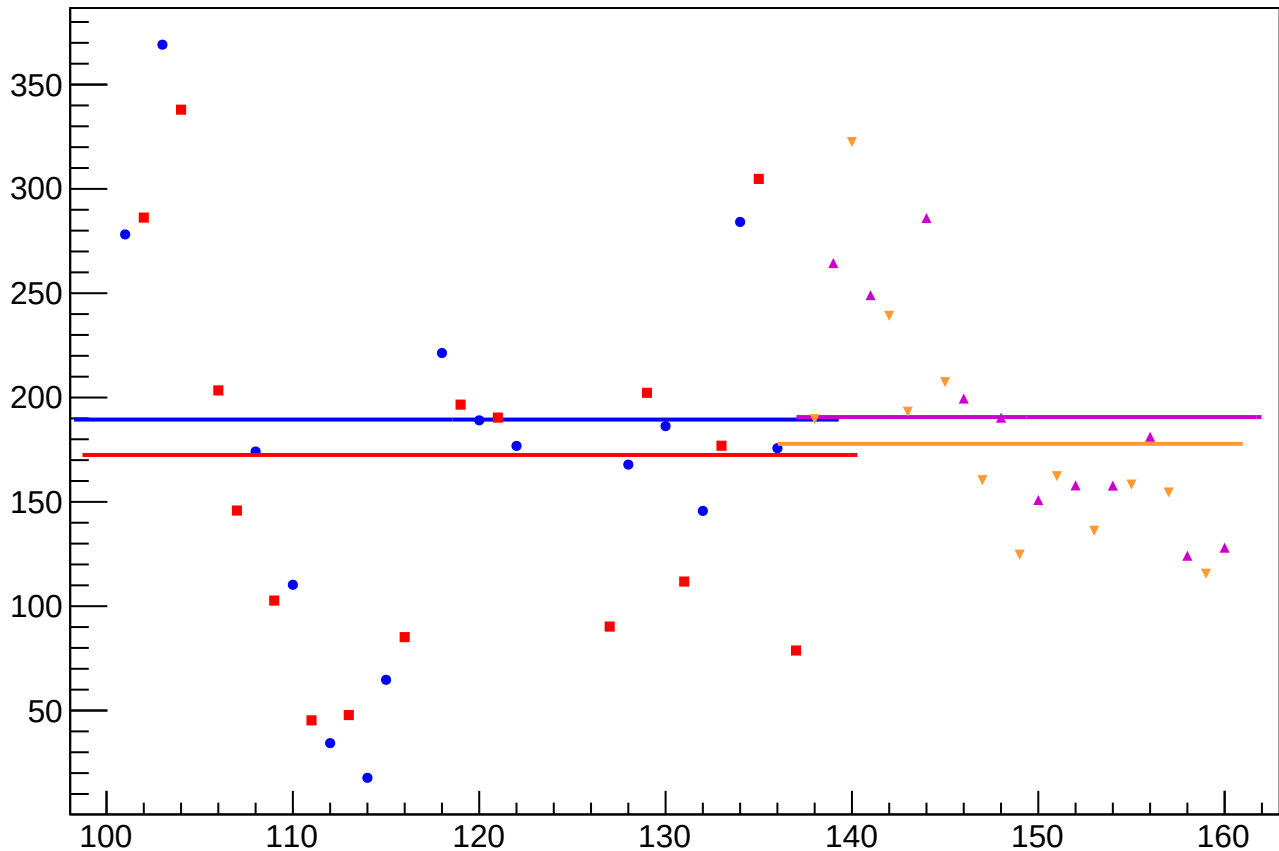
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam8_coil7_mean vs Slug



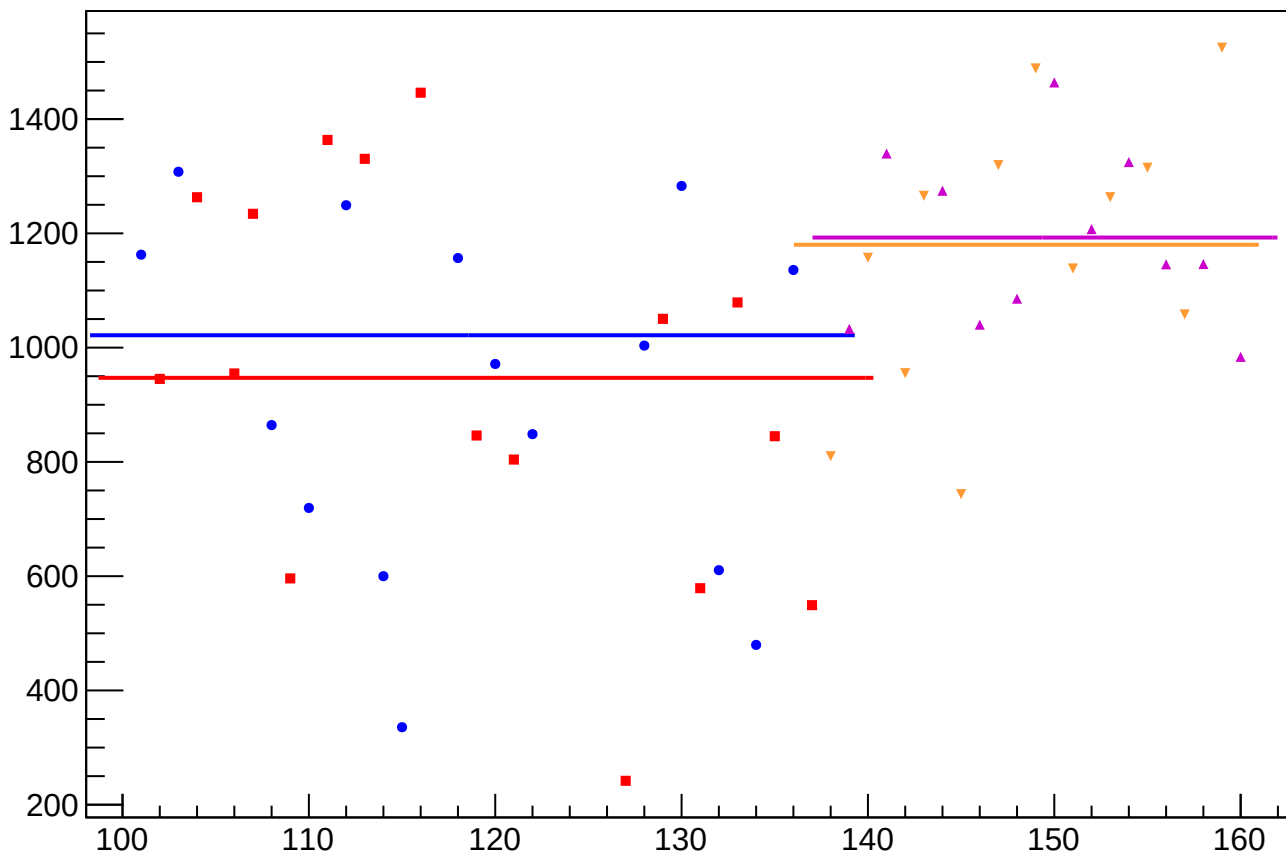
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -928.862+/-0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568+/-0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

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

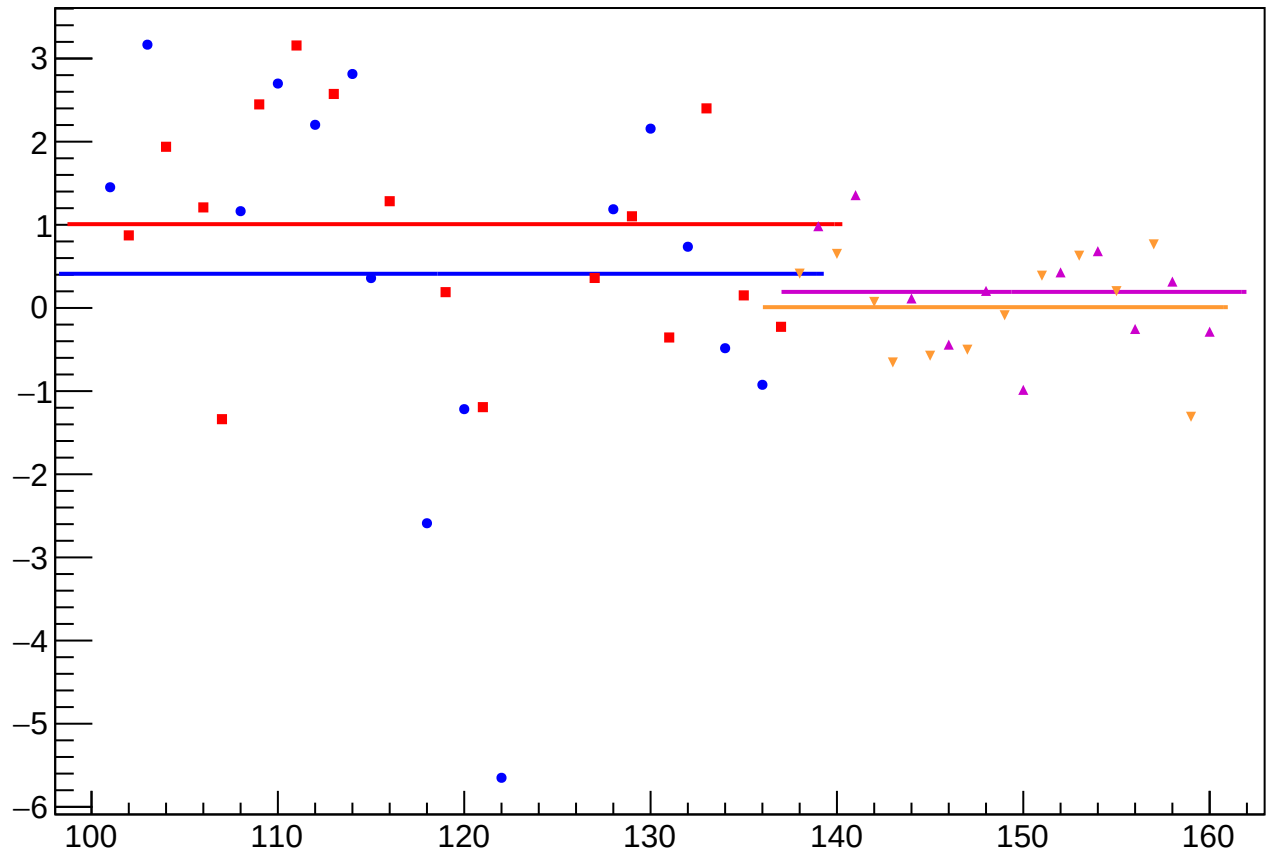
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ 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

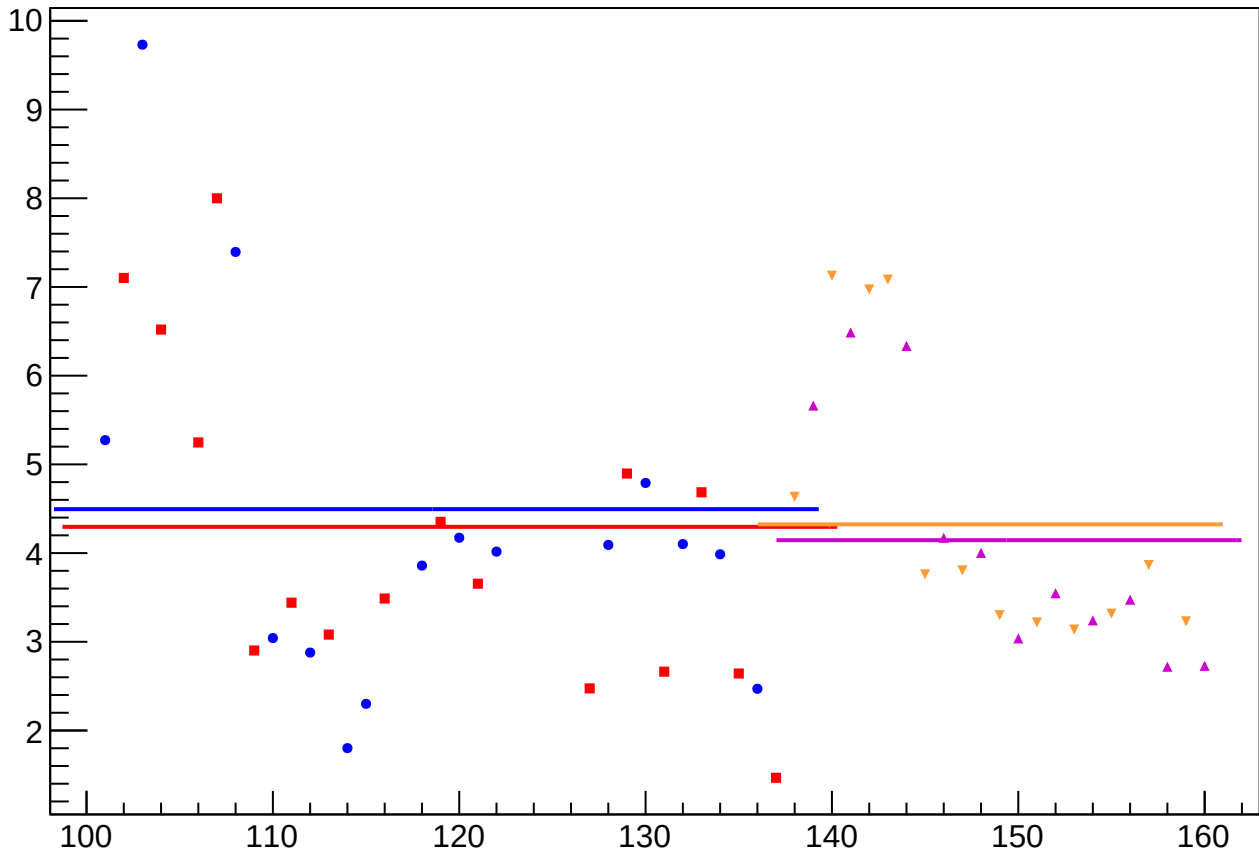
dit_4aX_coil4_mean vs Slug



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

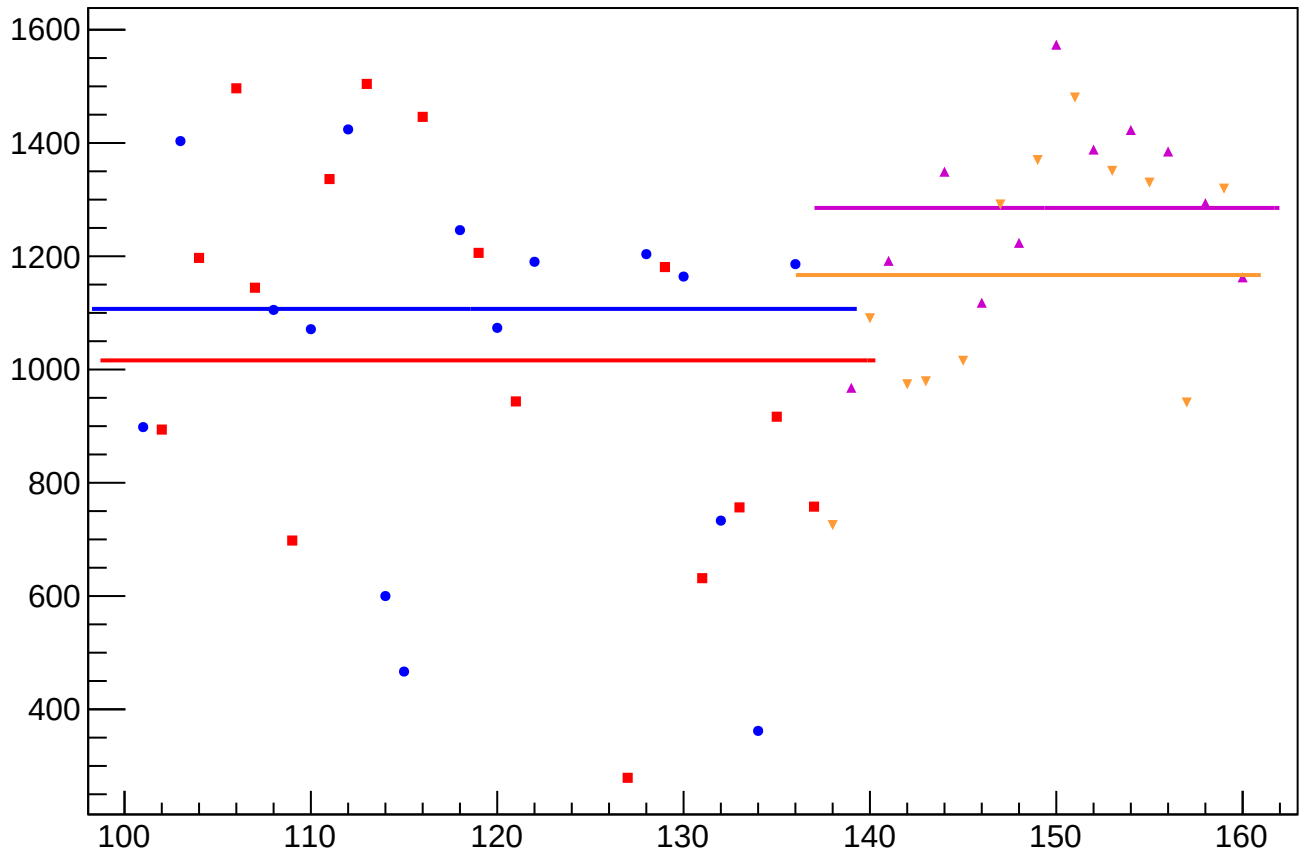
+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763
 All: 0.357+/-0.000 χ^2/NDF : 56741679110622
 - sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



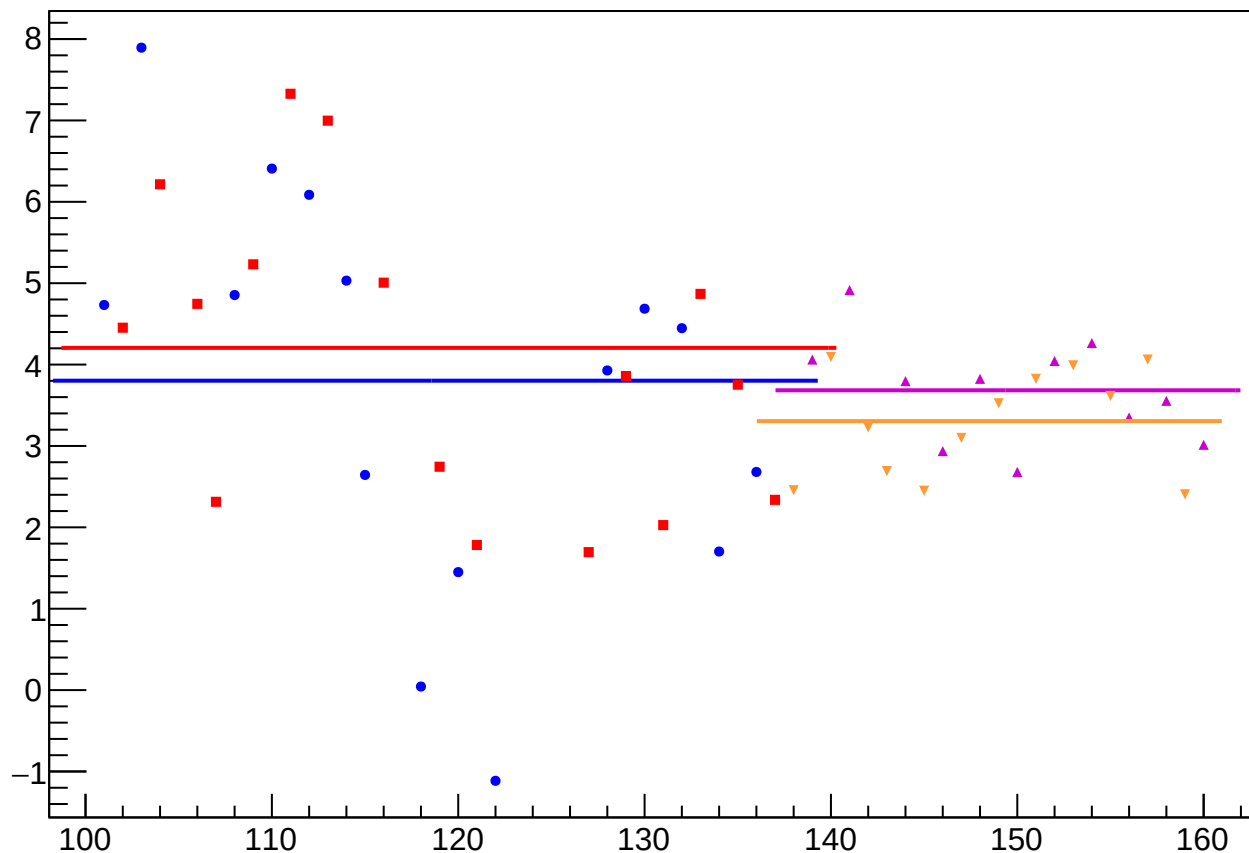
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_4eX_coil4_mean vs Slug



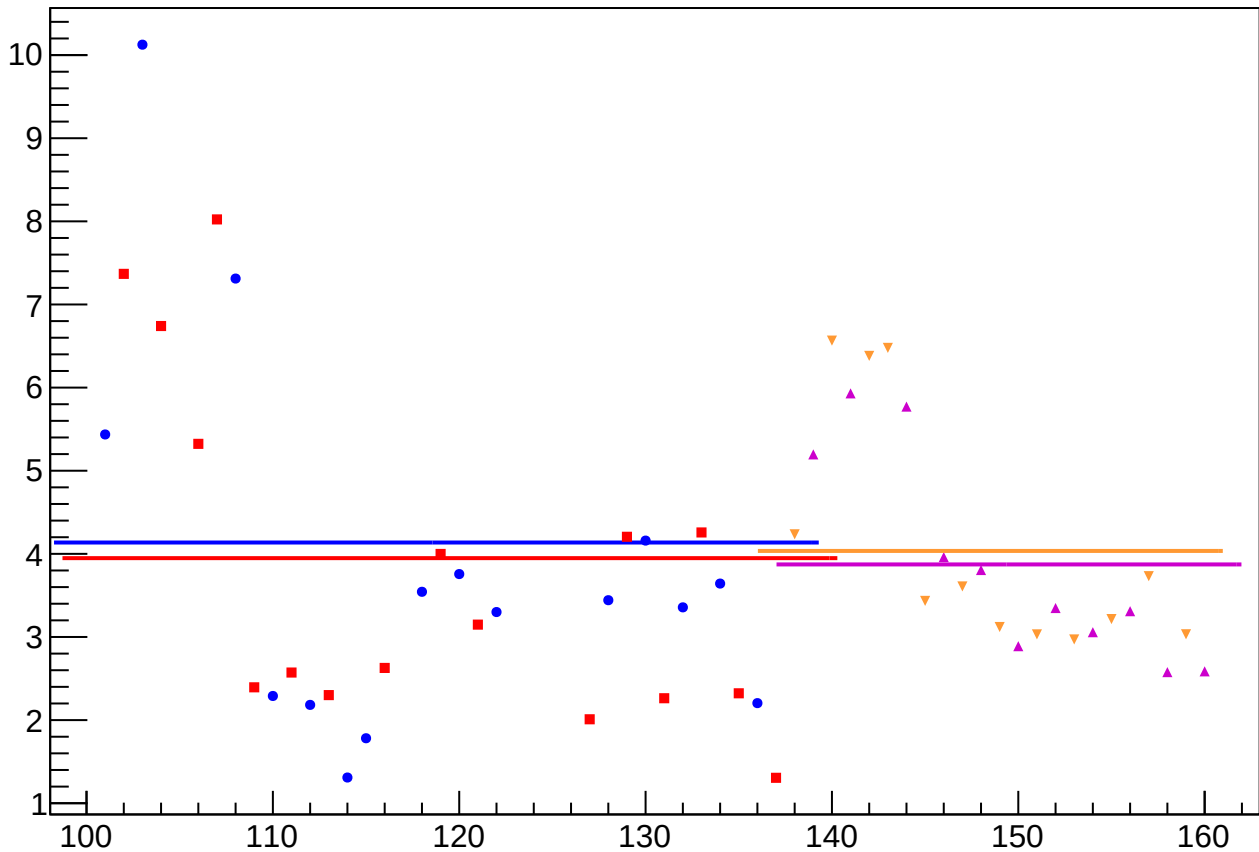
Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.305+/-0.000	χ^2/NDF : 375514605339805624898679558111232.0/11
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.684+/-0.000	χ^2/NDF : 366001419656422310601850072596480.0/10

+ sign 3.512+/-0.000 χ^2/NDF : 42645411605619782

All: 3.709+/-0.000 χ^2/NDF : 69529778539001

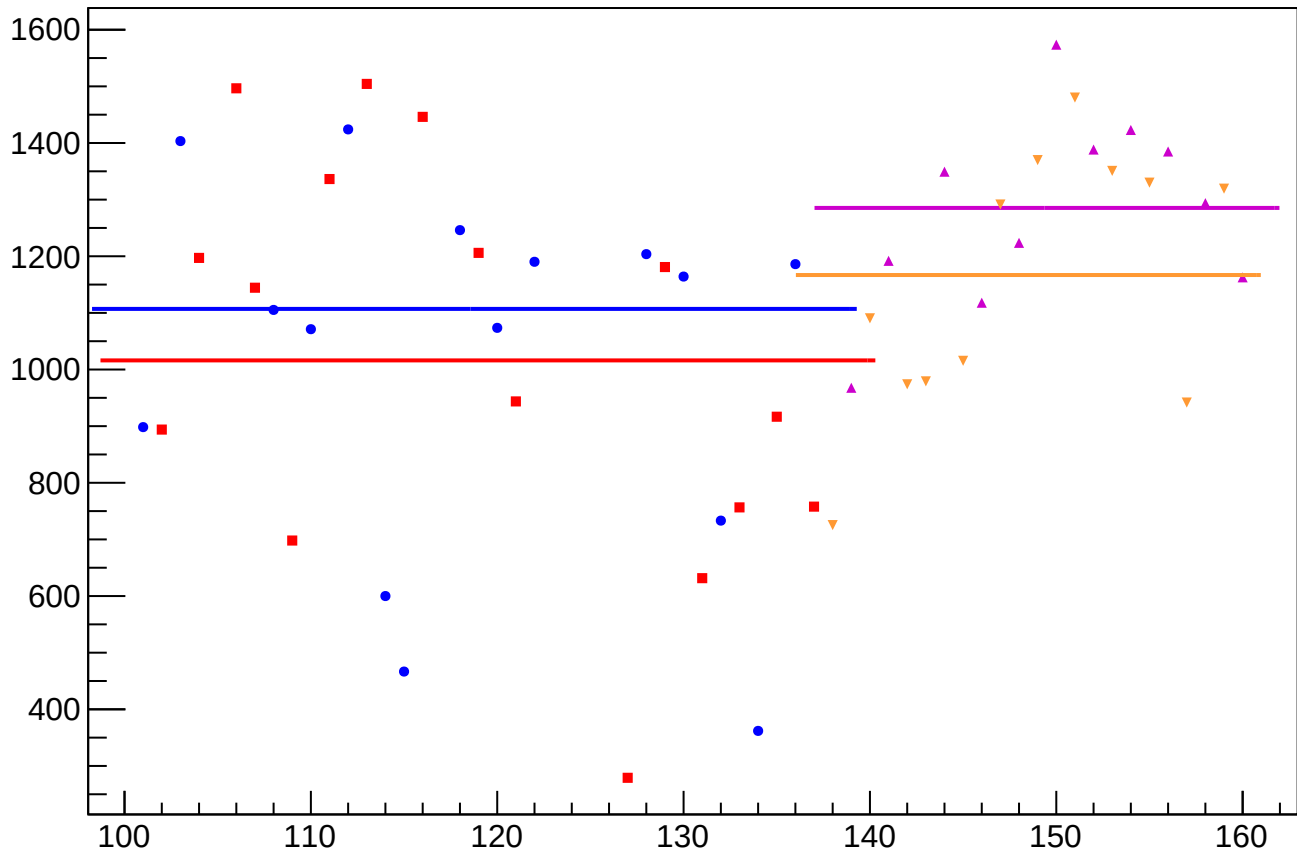
- sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

dit_4eX_coil4_err_mean vs Slug



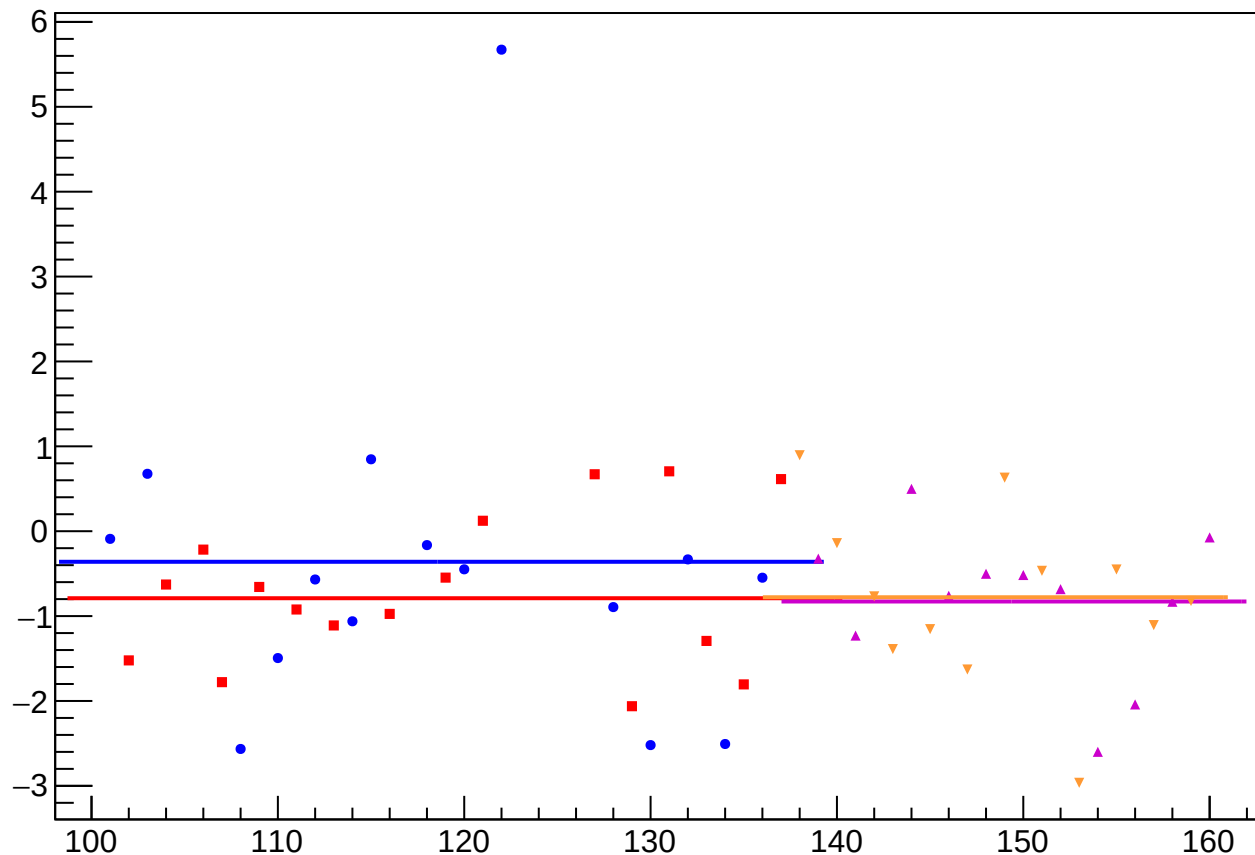
Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.035 ± 0.000 χ^2/NDF : 1609299061352578548486150138363904.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



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_11X12X_coil4_mean vs Slug



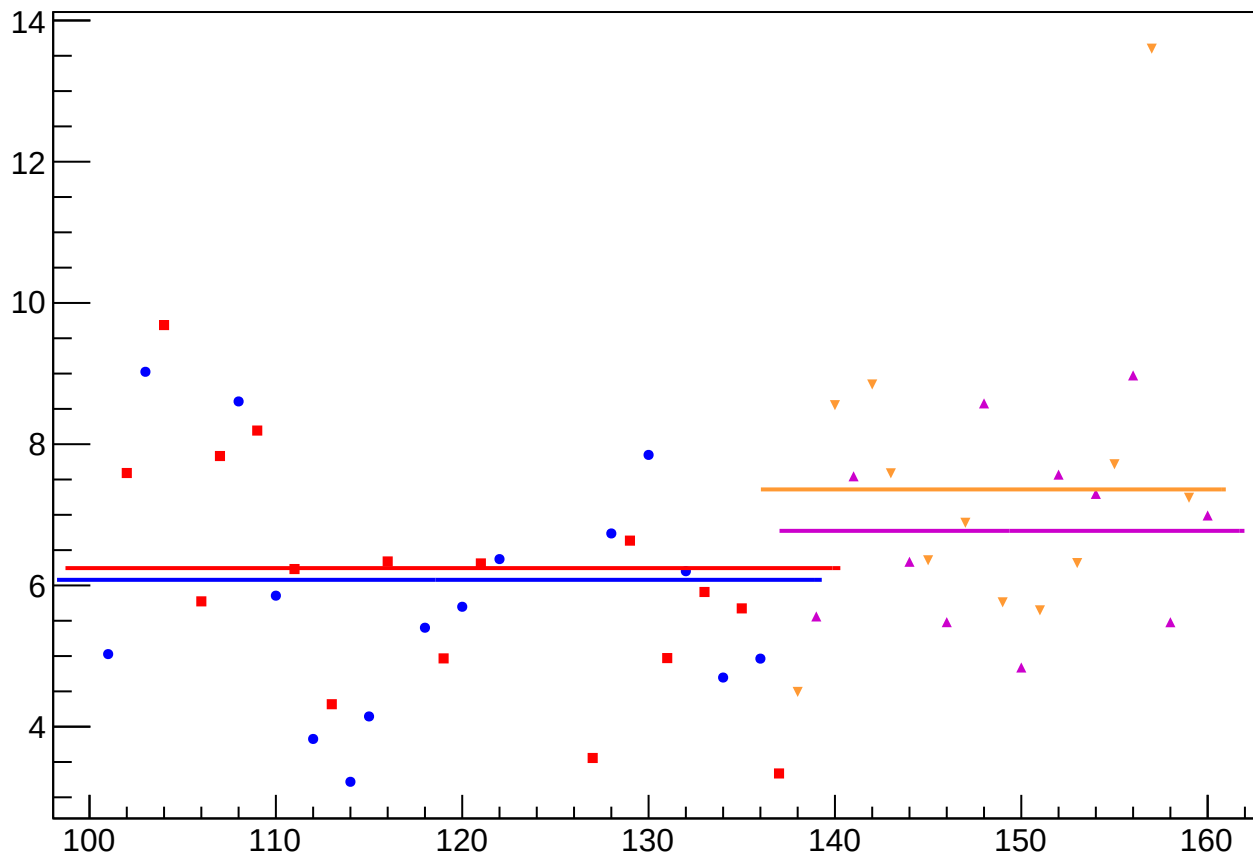
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.778+/-0.000 χ^2/NDF : 941792568376434225486843988672512.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 7.360+/-0.000 χ^2/NDF : 4580380755239365503585140070154240.0/11

Right Out: 6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15

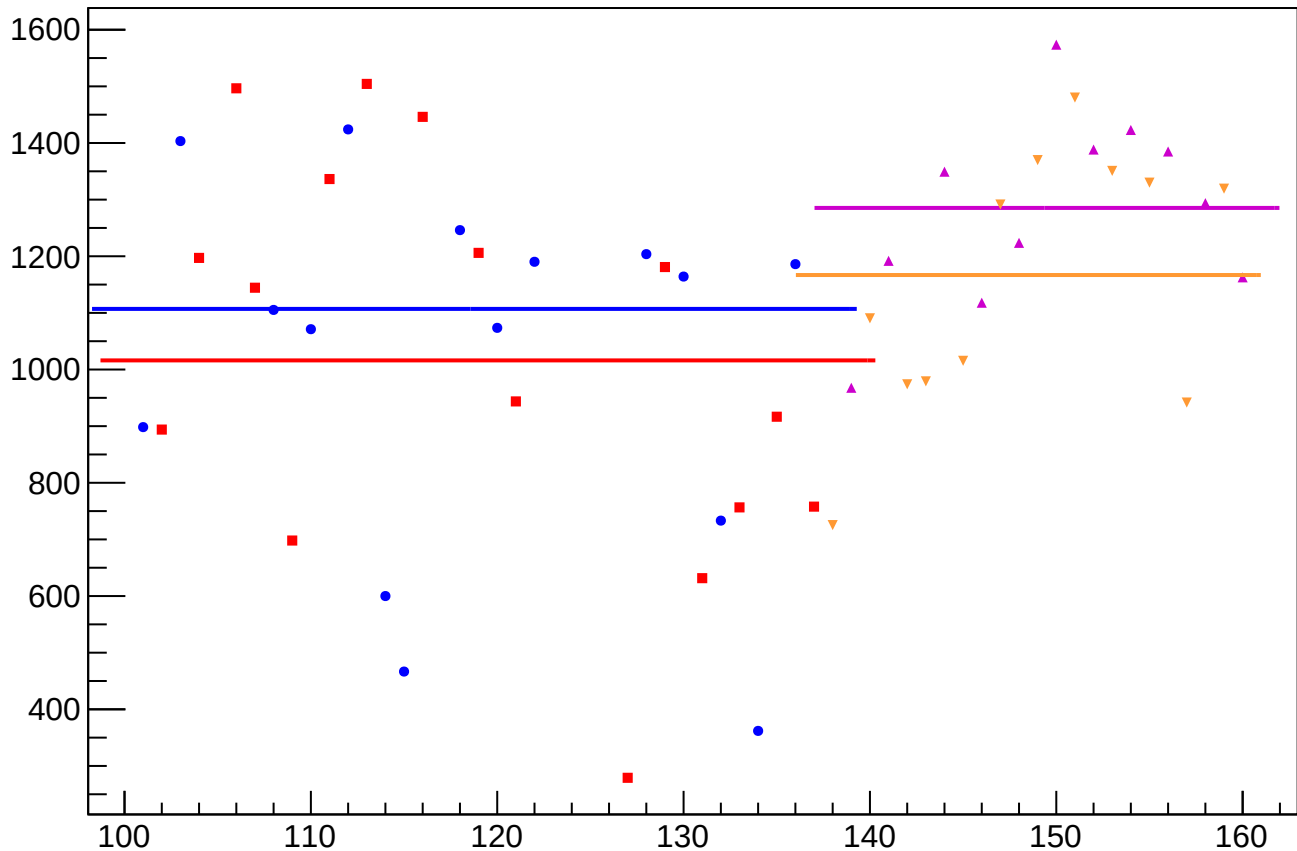
Left In: 6.773+/-0.000 χ^2/NDF : 1545880653062872635060205832372224.0/10

+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869

All: 6.689+/-0.000 χ^2/NDF : 1032305053905

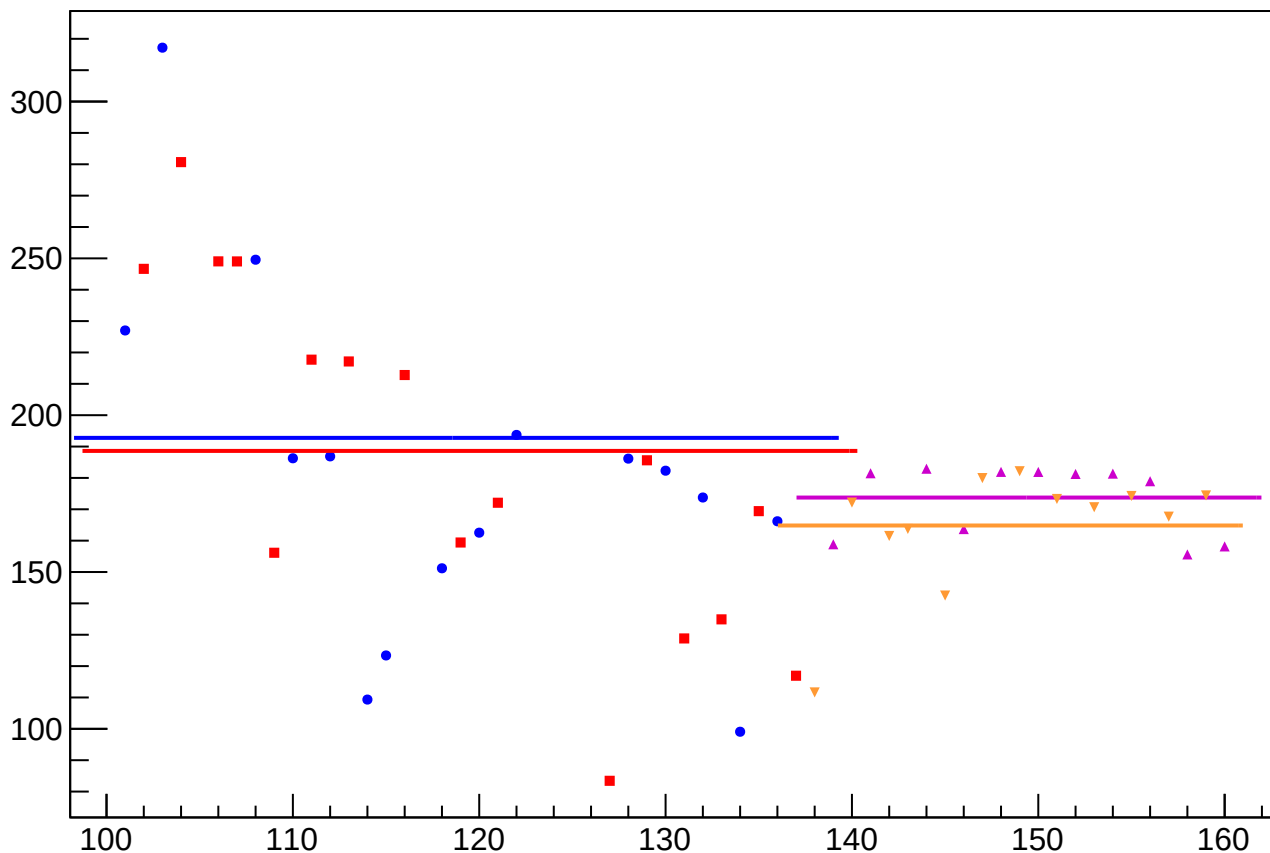
- sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 164.832+/-0.000 χ^2/NDF : 331248867631864480349687016910225408.0/11

Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

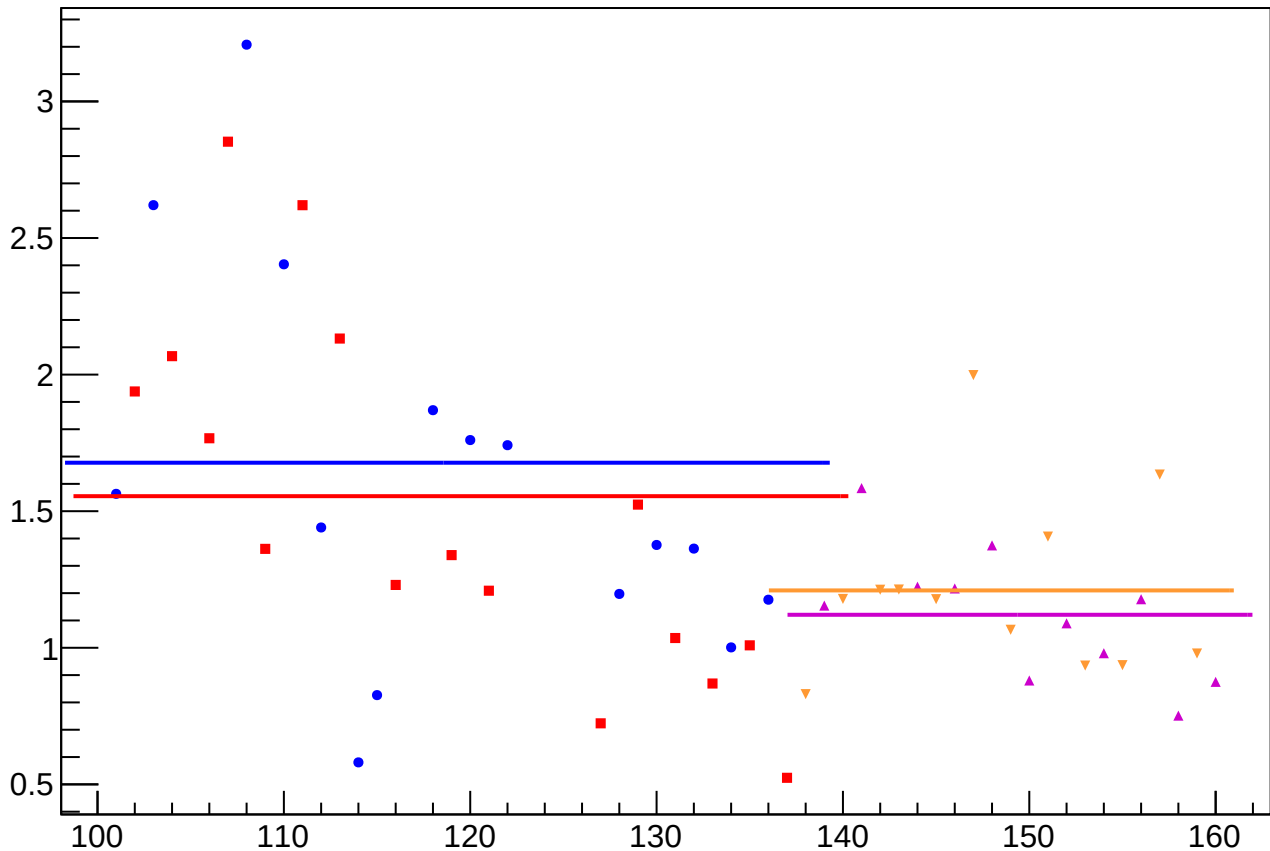
Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

+ sign 176.433+/-0.000 χ^2/NDF : 226806307744820

All: 178.219+/-0.000 χ^2/NDF : 439354987474

- sign 179.974+/-0.000 χ^2/NDF : 211560304537061

dit_4aY_coil4_err_mean vs Slug



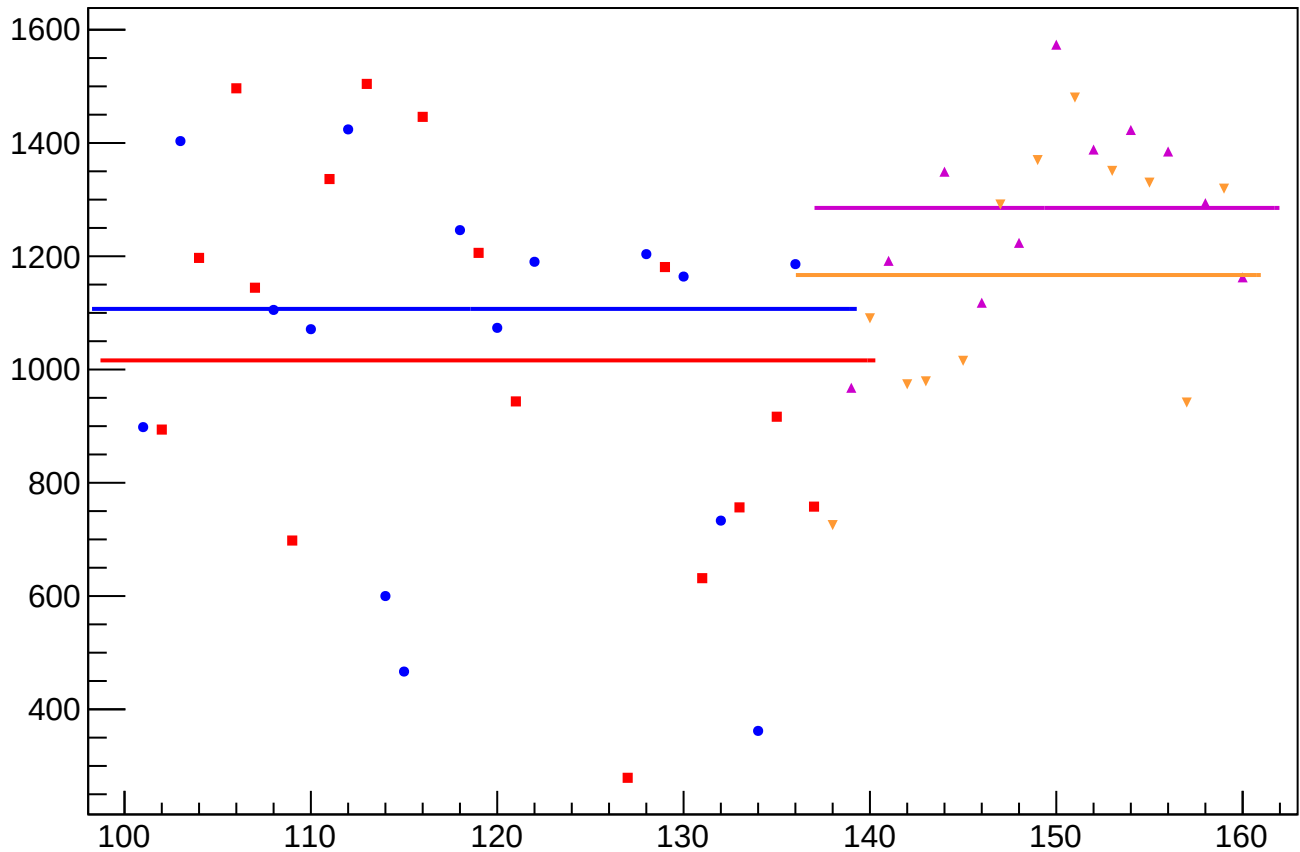
Right In: 1.677 ± 0.000 χ^2/NDF : 241879924044788593292791559225344.0/14

Left Out: 1.210 ± 0.000 χ^2/NDF : 95500502458420026672384705560576.0/11

Right Out: 1.555 ± 0.000 χ^2/NDF : 255645951433890296827677195108352.0/15

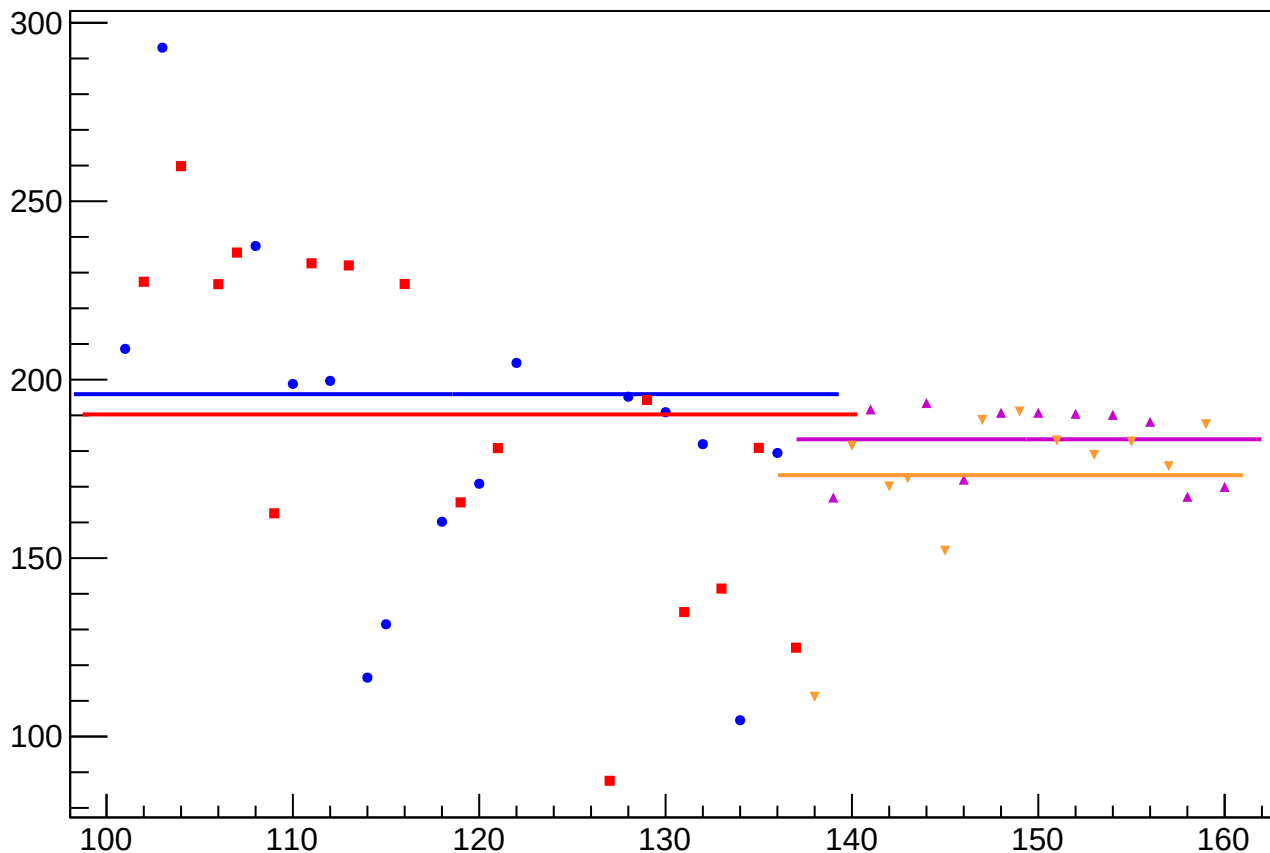
Left In: 1.121 ± 0.000 χ^2/NDF : 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF : 421189743022312956779621222954565632.0/11

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

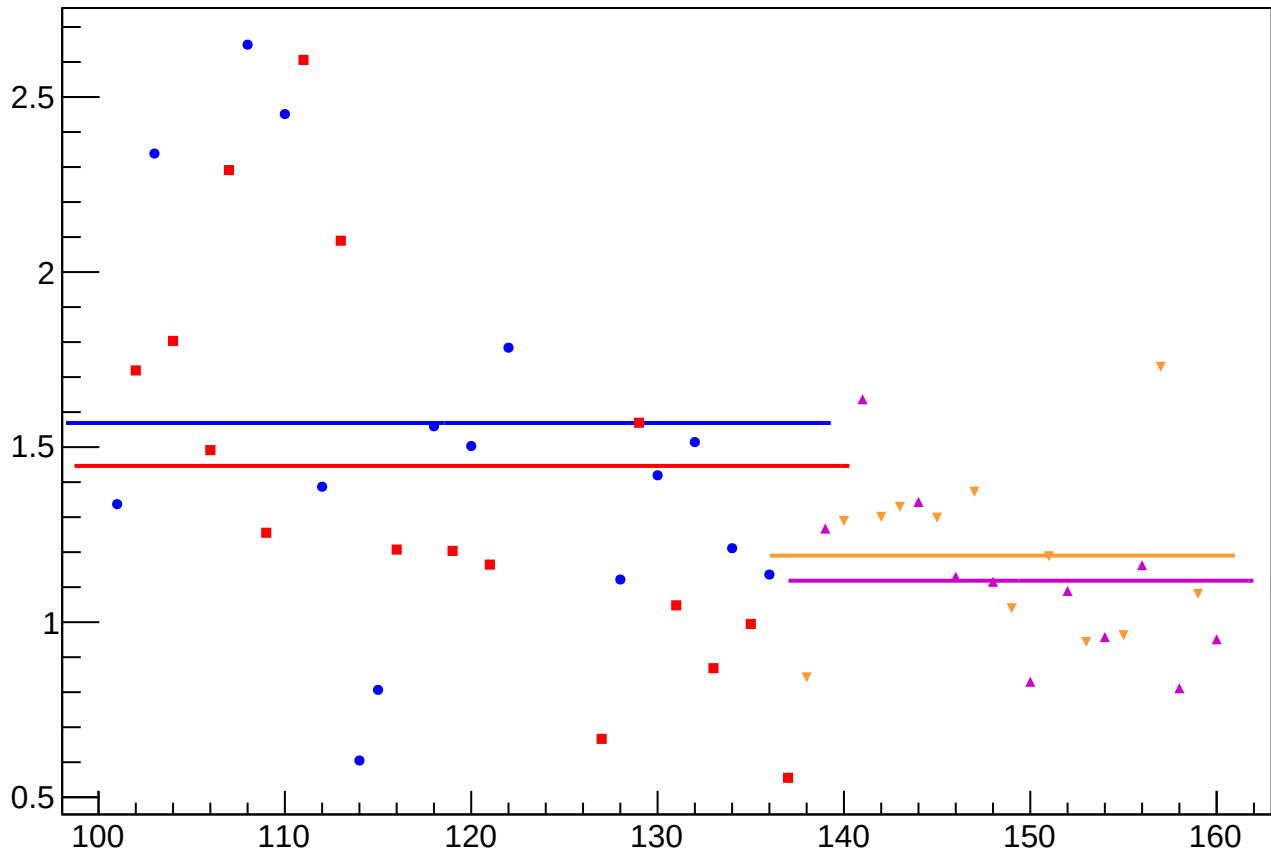
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ sign 182.669+/-0.000 χ^2/NDF : 167456742062075

All: 184.458+/-0.000 χ^2/NDF : 327355677904

- sign 186.216+/-0.000 χ^2/NDF : 158906987548328

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 ± 0.000 $\chi^2/\text{NDF}: 162849195668123380789610540957696.0/14$

Left Out: 1.190 ± 0.000 $\chi^2/\text{NDF}: 50745822936032217336144814145536.0/11$

Right Out: 1.446 ± 0.000 $\chi^2/\text{NDF}: 196296653917523352443271052787712.0/15$

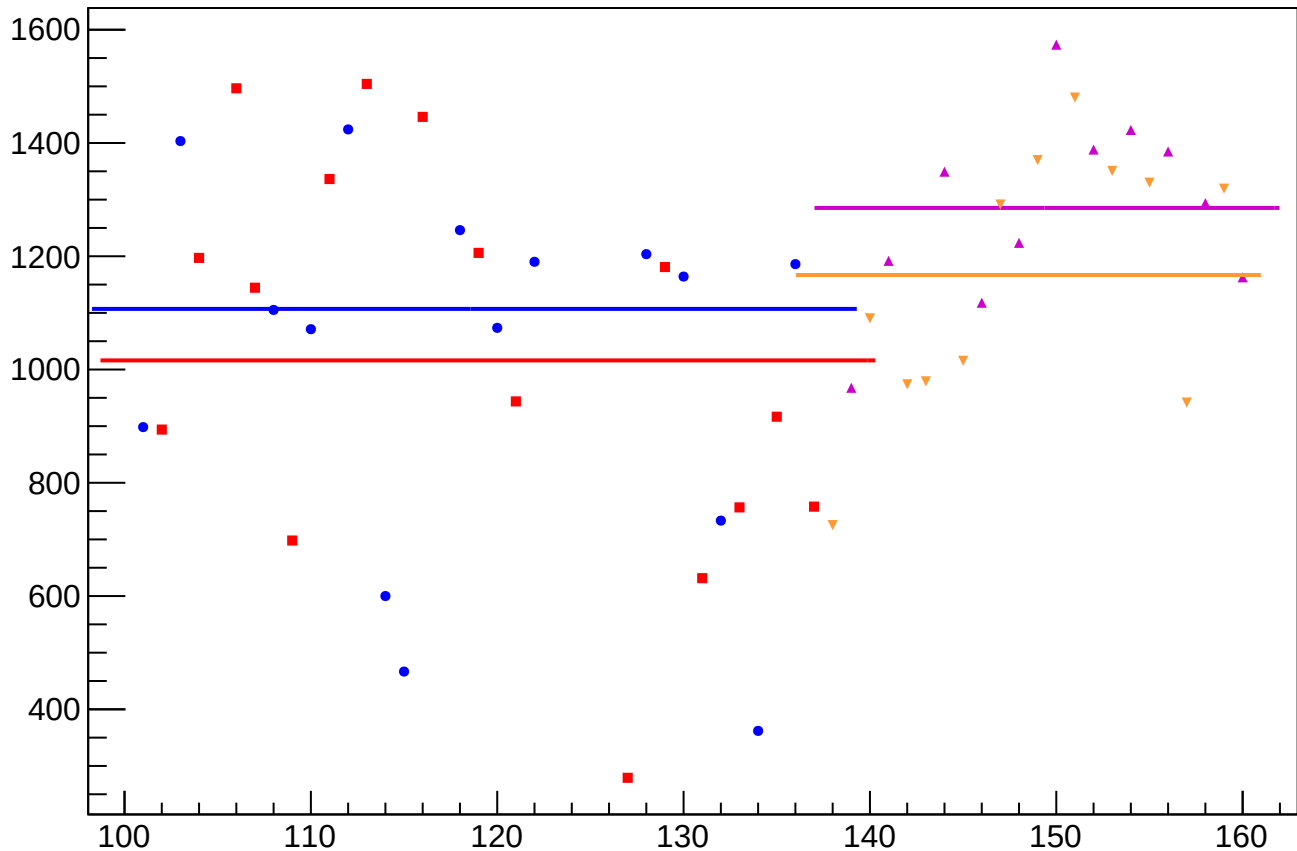
Left In: 1.118 ± 0.000 $\chi^2/\text{NDF}: 48973496995723480911801365823488.0/10$

+ sign 1.347 ± 0.000 $\chi^2/\text{NDF}: 26805645085959175$

All: 1.301 ± 0.000 $\chi^2/\text{NDF}: 56157588721998$

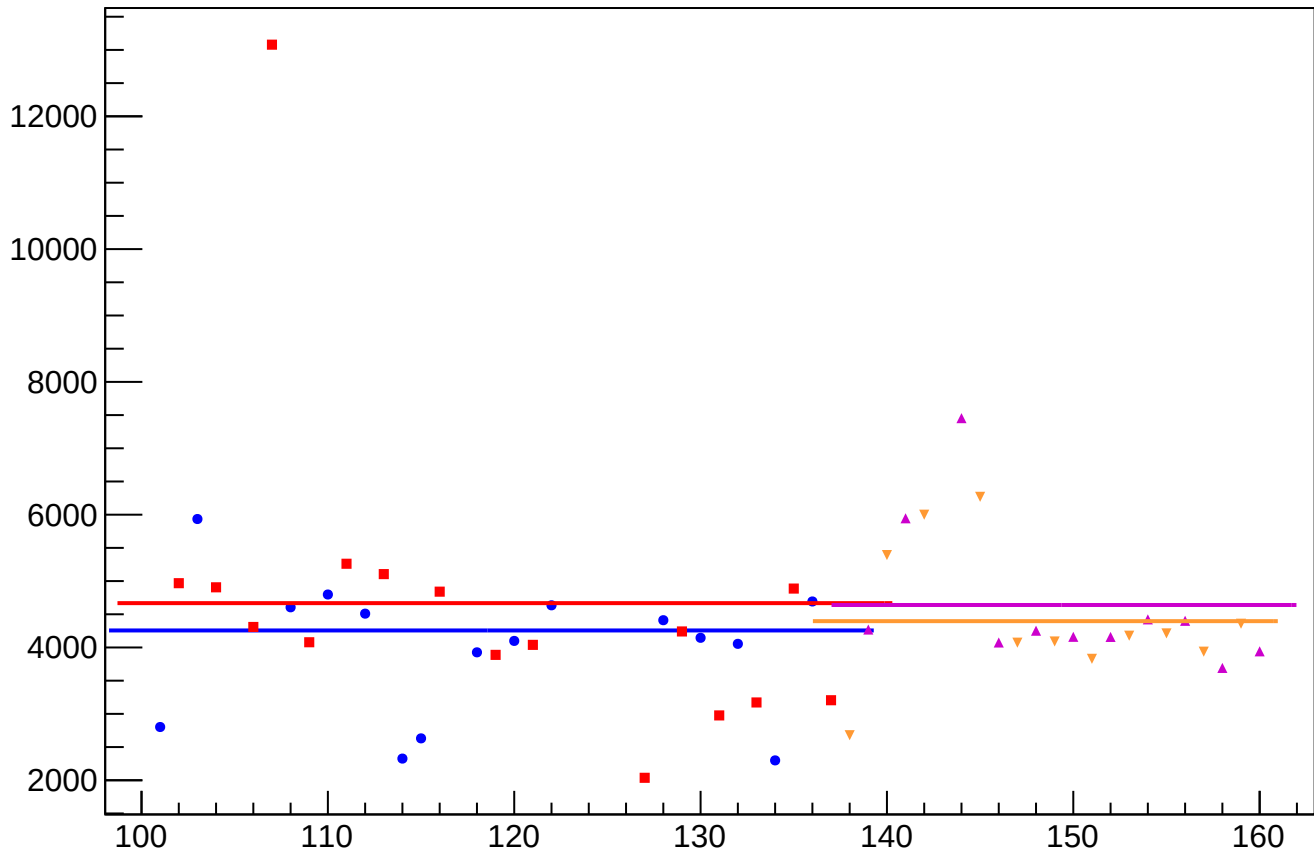
- sign 1.256 ± 0.000 $\chi^2/\text{NDF}: 28690992559145743$

dit_4eY_coil4_Ndata_mean vs Slug



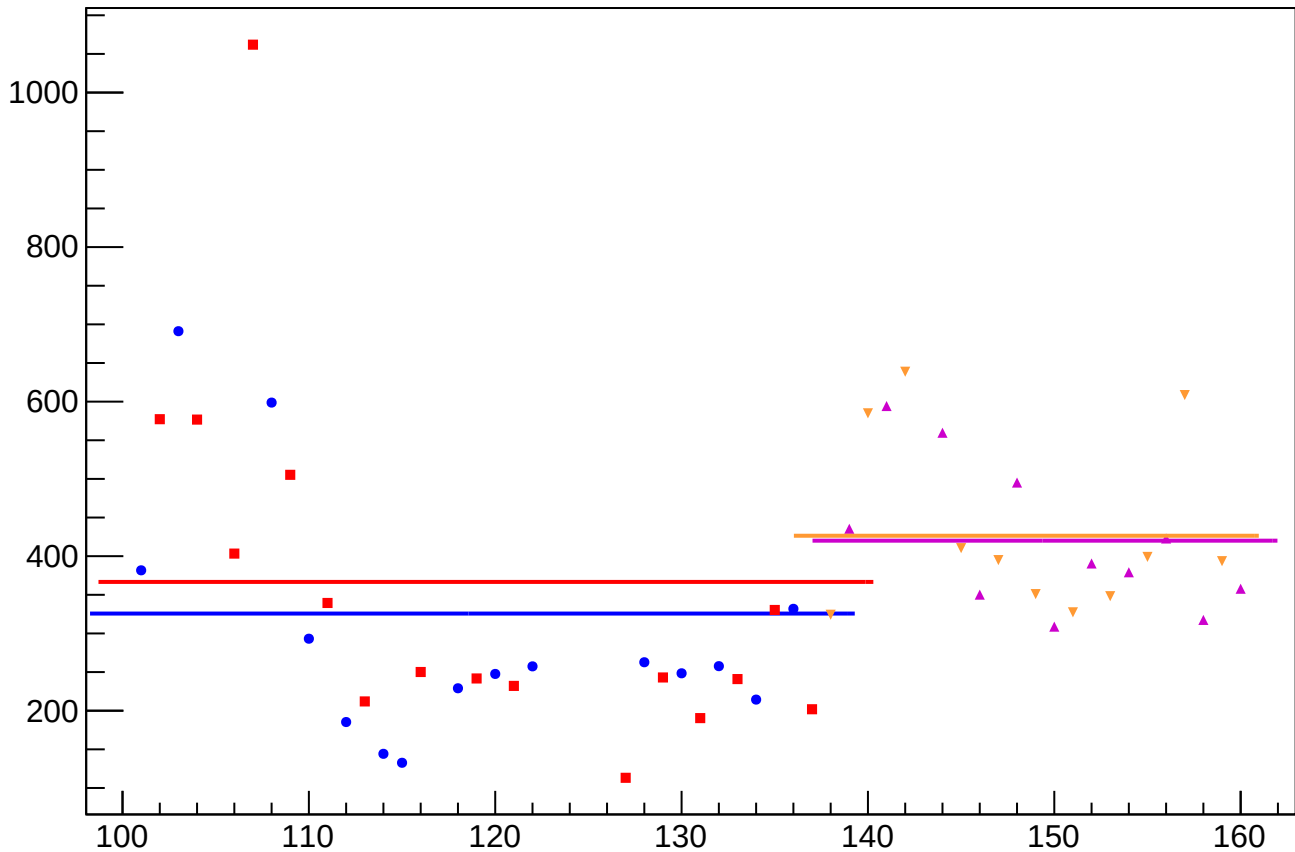
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14	+ sign 4335.661+/-0.000	χ^2/NDF : 12734954654857
Left Out: 4396.403+/-0.000	χ^2/NDF : 767686308157486440179100240552638021632.0/10	All: 4498.481+/-0.000	χ^2/NDF : 56111214278
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15	- sign 4651.578+/-0.000	χ^2/NDF : 42606752336216
Left In: 4639.846+/-0.000	χ^2/NDF : 1058446303743243170530981239939506634752.0/10		

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 426.446+/-0.000 χ^2/NDF : 9564737566607591468000084323542761472.0/10

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

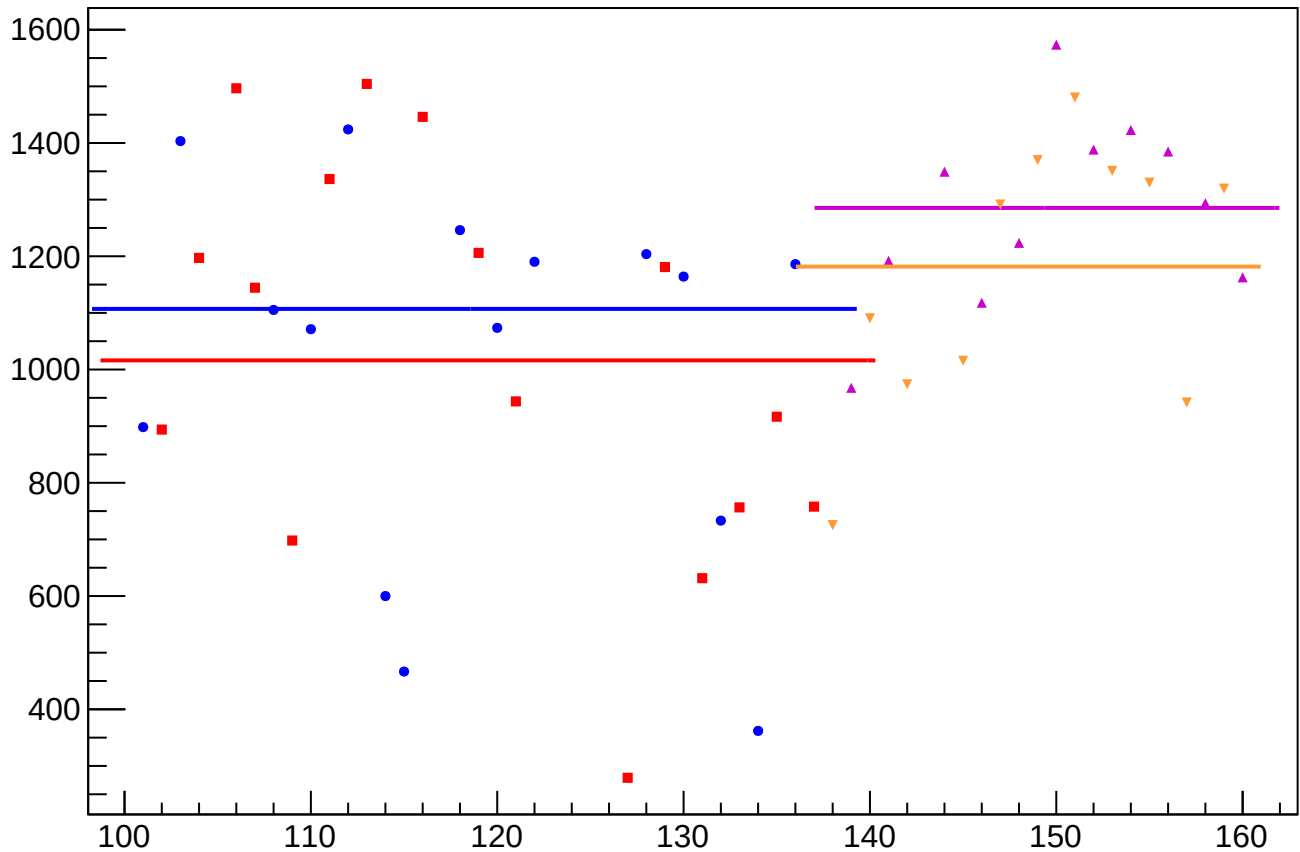
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

+ sign 382.754+/-0.000 χ^2/NDF : 279252260301187

All: 390.448+/-0.000 χ^2/NDF : 690046326749

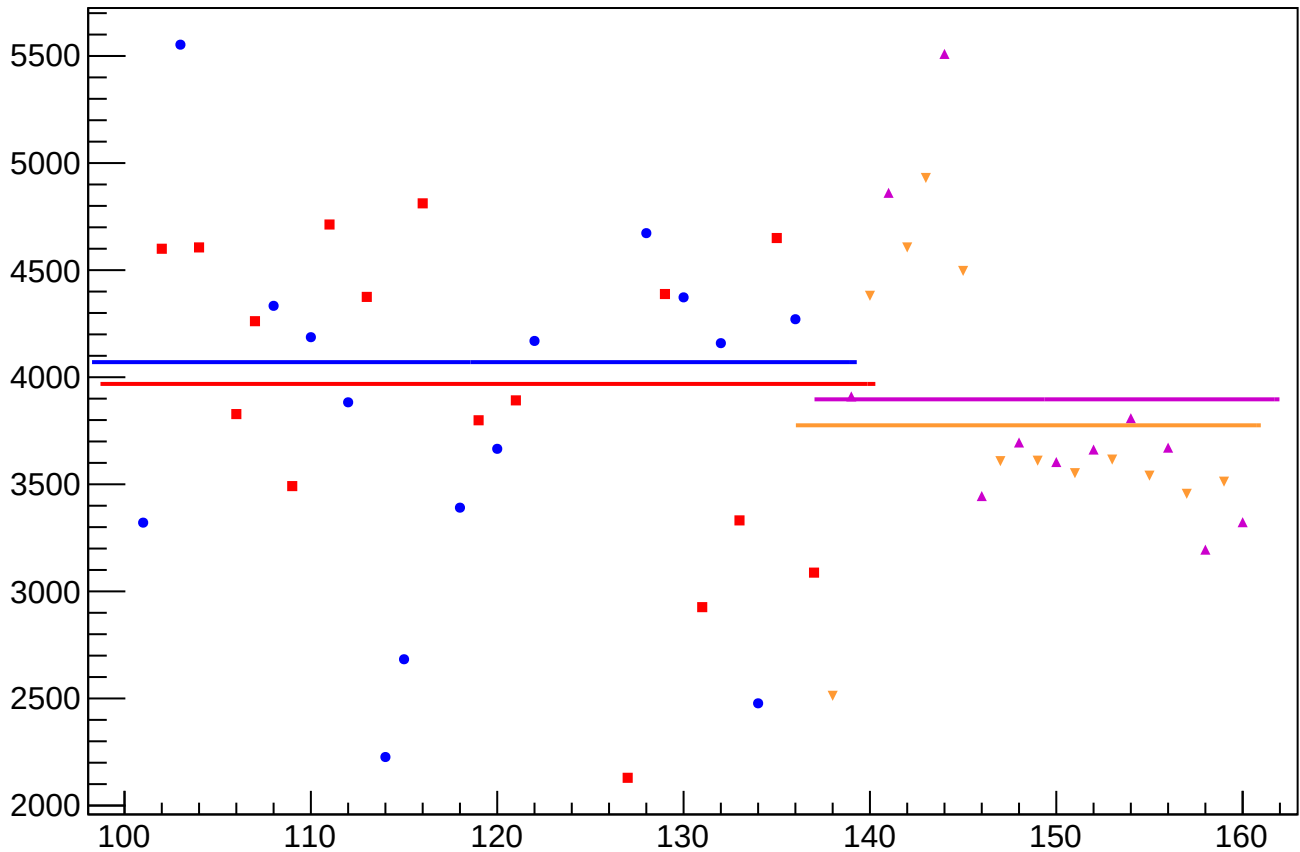
- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721 +/- 0.000 χ^2/NDF : 42102883856321275256821029062509068288.0/10
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

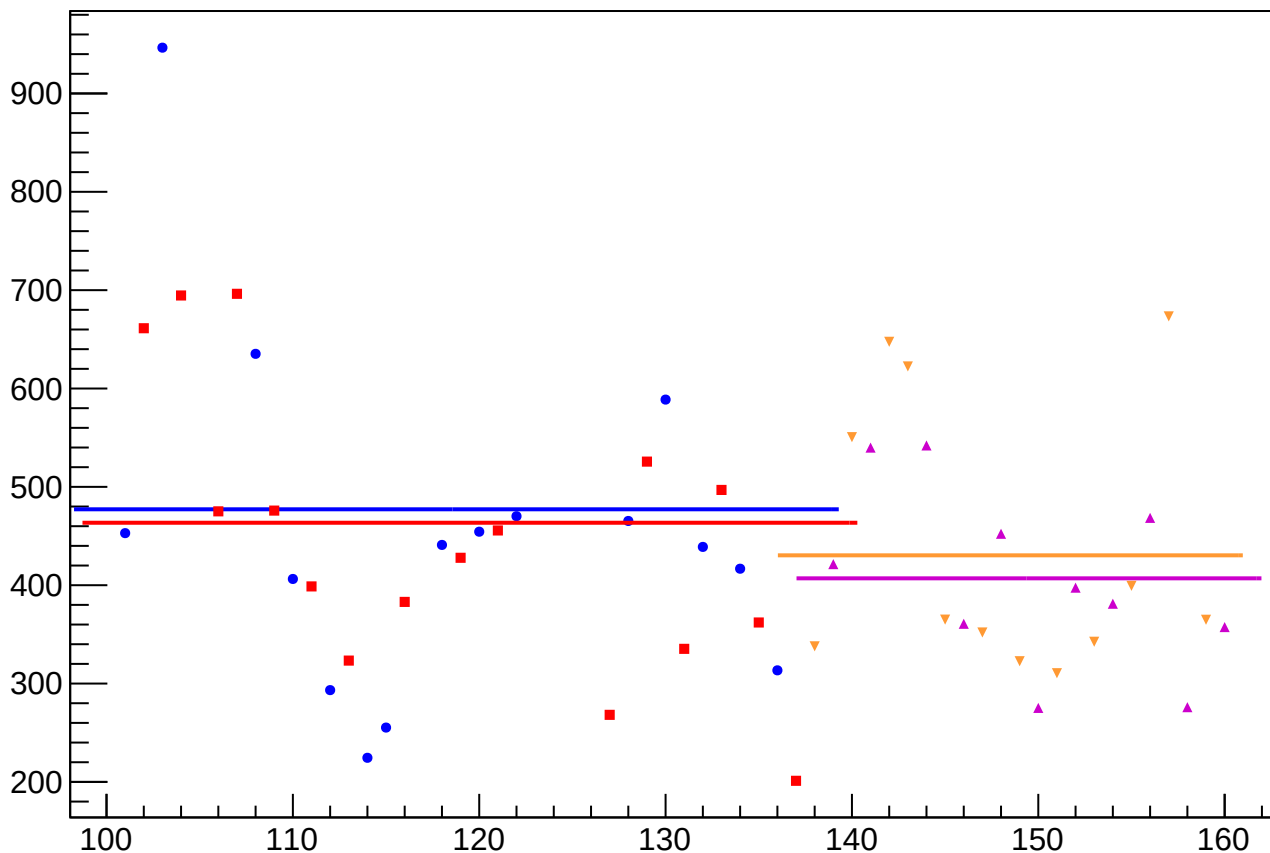
dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000	χ^2/NDF : 343281875282695739956383156295247593472.0/14
Left Out: 3775.469+/-0.000	χ^2/NDF : 344611737456116155441573311529372090368.0/11
Right Out: 3968.723+/-0.000	χ^2/NDF : 359955880326194784467353369492594884608.0/15
Left In: 3896.757+/-0.000	χ^2/NDF : 412530714584693730225130204014353317888.0/10

+ sign 3897.950+/-0.000 χ^2/NDF : 72091549867108
 All: 3912.568+/-0.000 χ^2/NDF : 14960703302
 - sign 3926.928+/-0.000 χ^2/NDF : 77449278990952

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 430.385+/-0.000 χ^2/NDF : 15124863187063515916775500602167787520.0/11

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

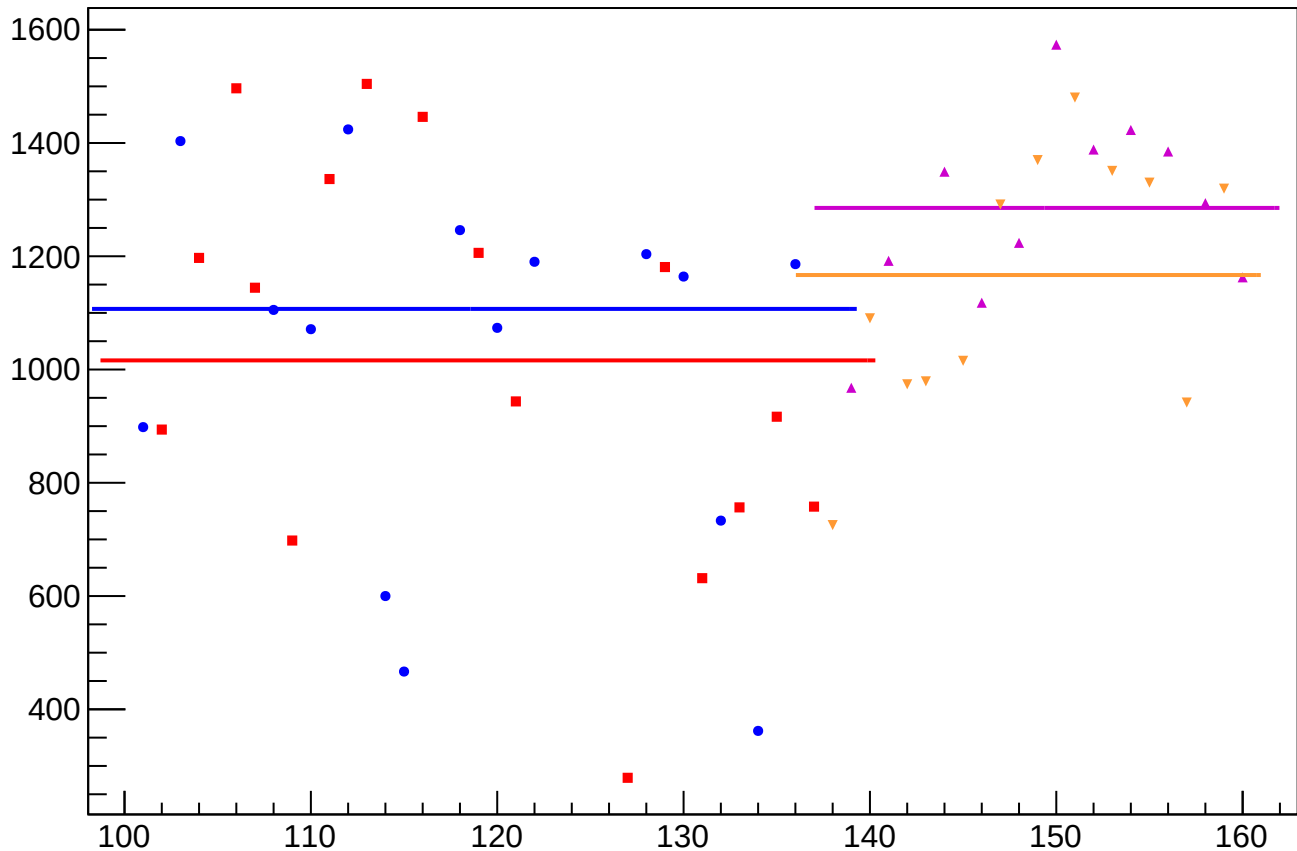
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF : 364118639358953

All: 440.167+/-0.000 χ^2/NDF : 575090441202

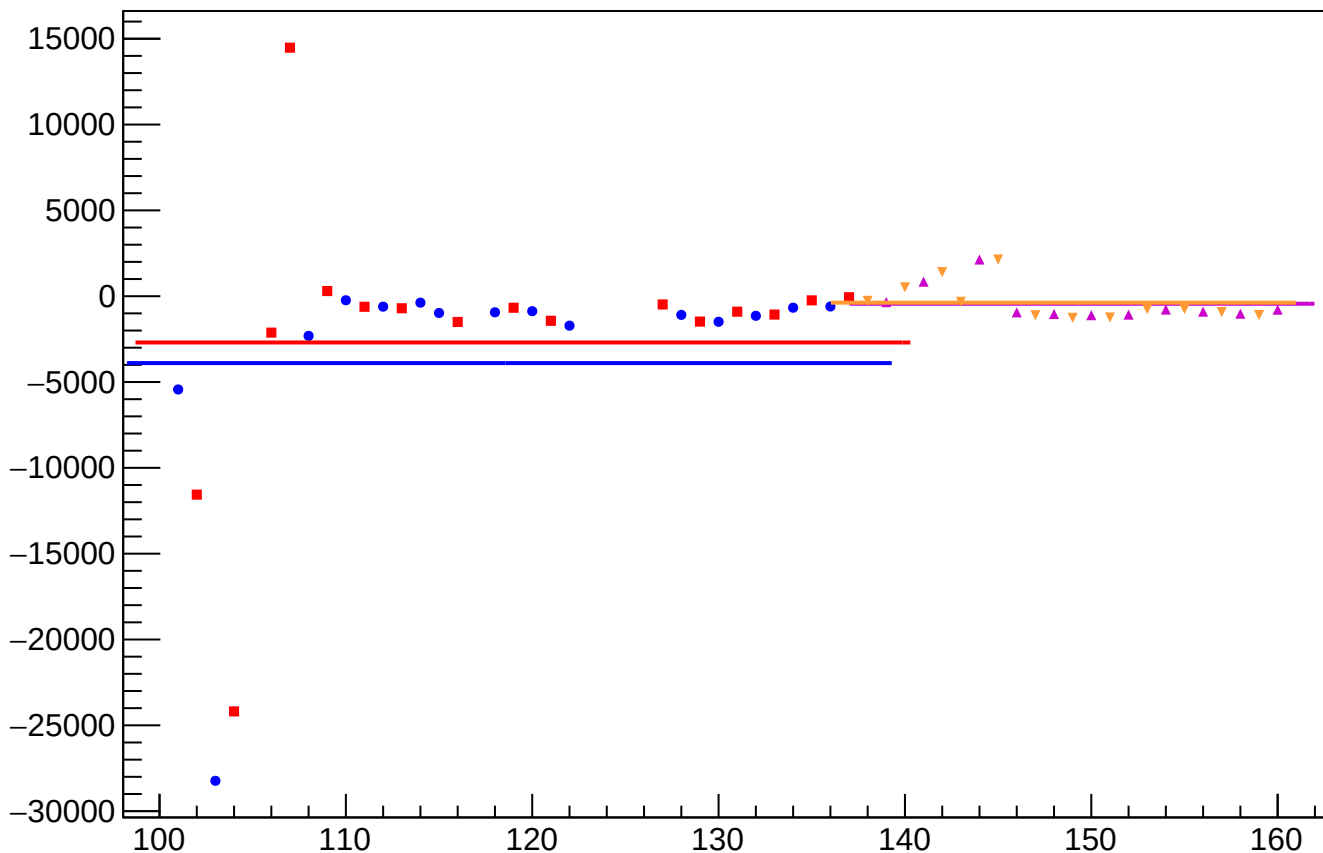
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



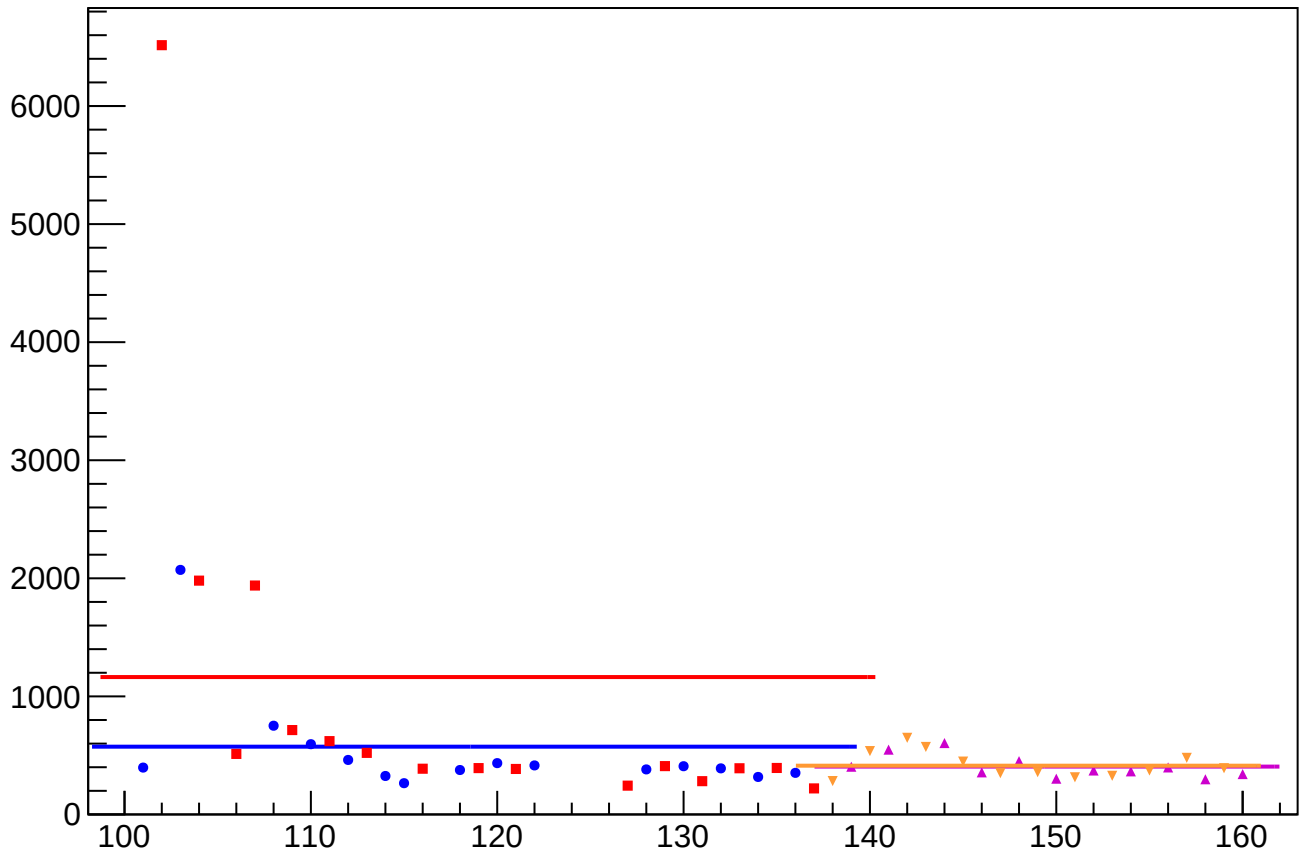
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_atl1_coil4_mean vs Slug



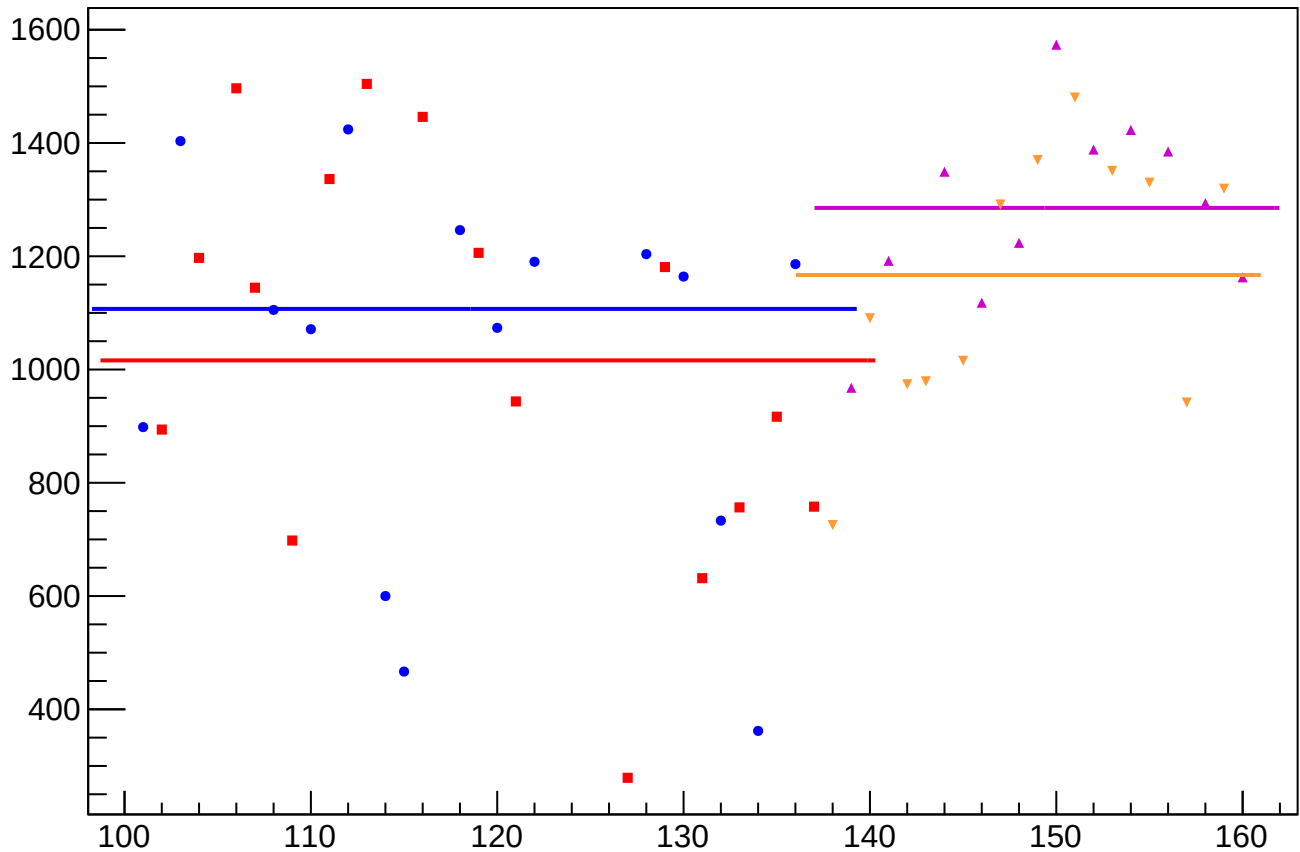
Right In: -3896.522 ± 0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430 ± 0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992 ± 0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289 ± 0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10
 + sign -1837.483 ± 0.000 χ^2/NDF : 4528252222957
 All: -1609.422 ± 0.000 χ^2/NDF : 8915994509
 - sign -1385.374 ± 0.000 χ^2/NDF : 43716264222774

dit_atl1_coil4_err_mean vs Slug



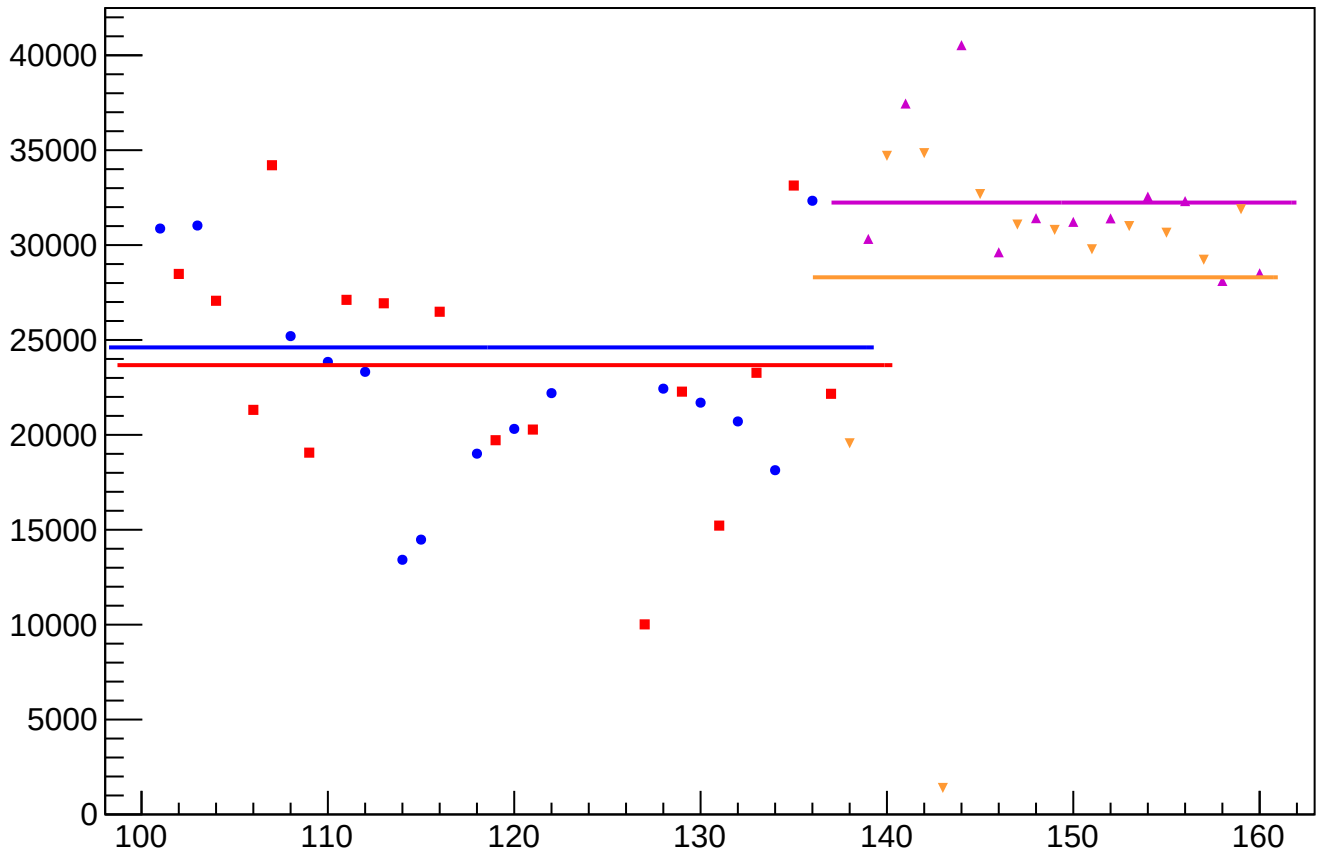
Right In: 574.055 ± 0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017 ± 0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697 ± 0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371 ± 0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 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

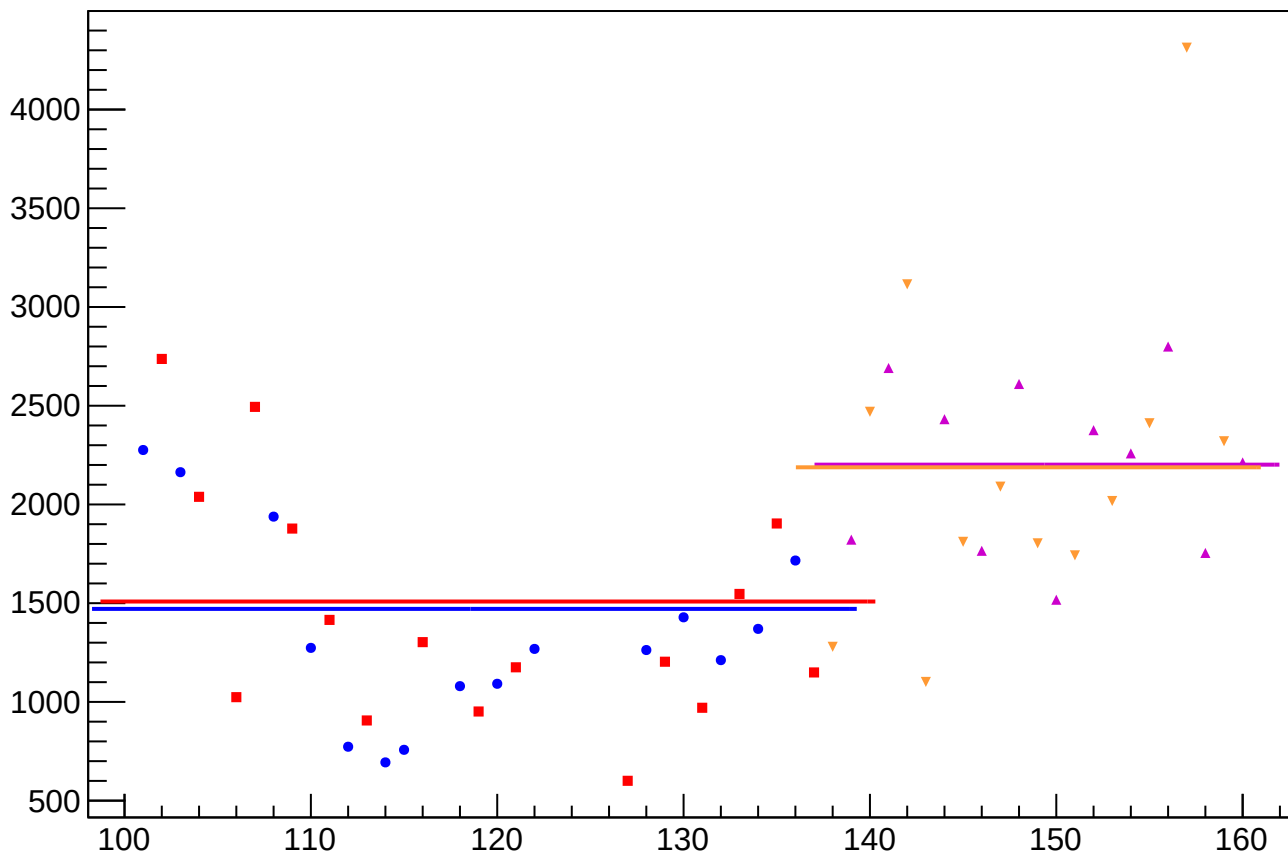
dit_atl2_coil4_mean vs Slug



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

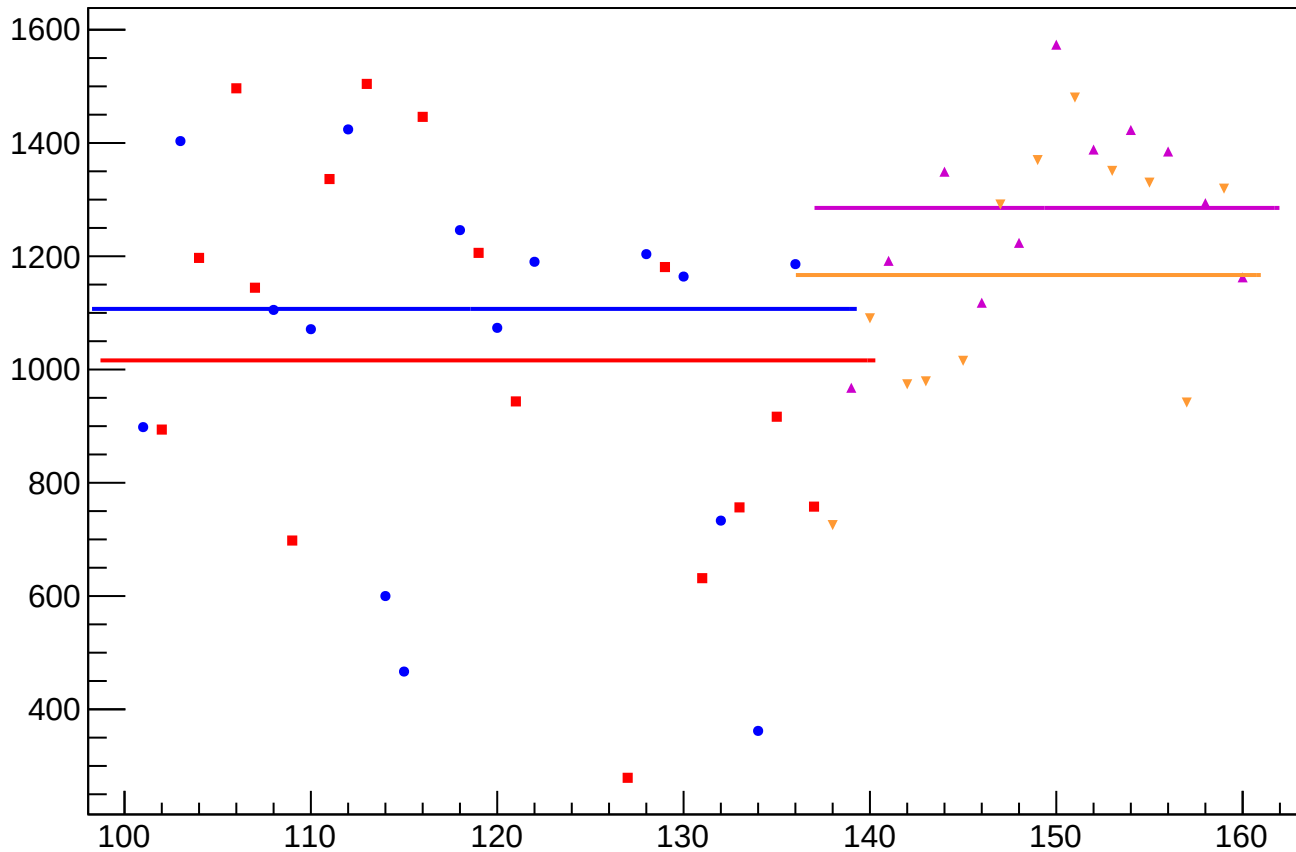
Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

+ sign 1890.398+/-0.000 χ^2/NDF : 92815894238304

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

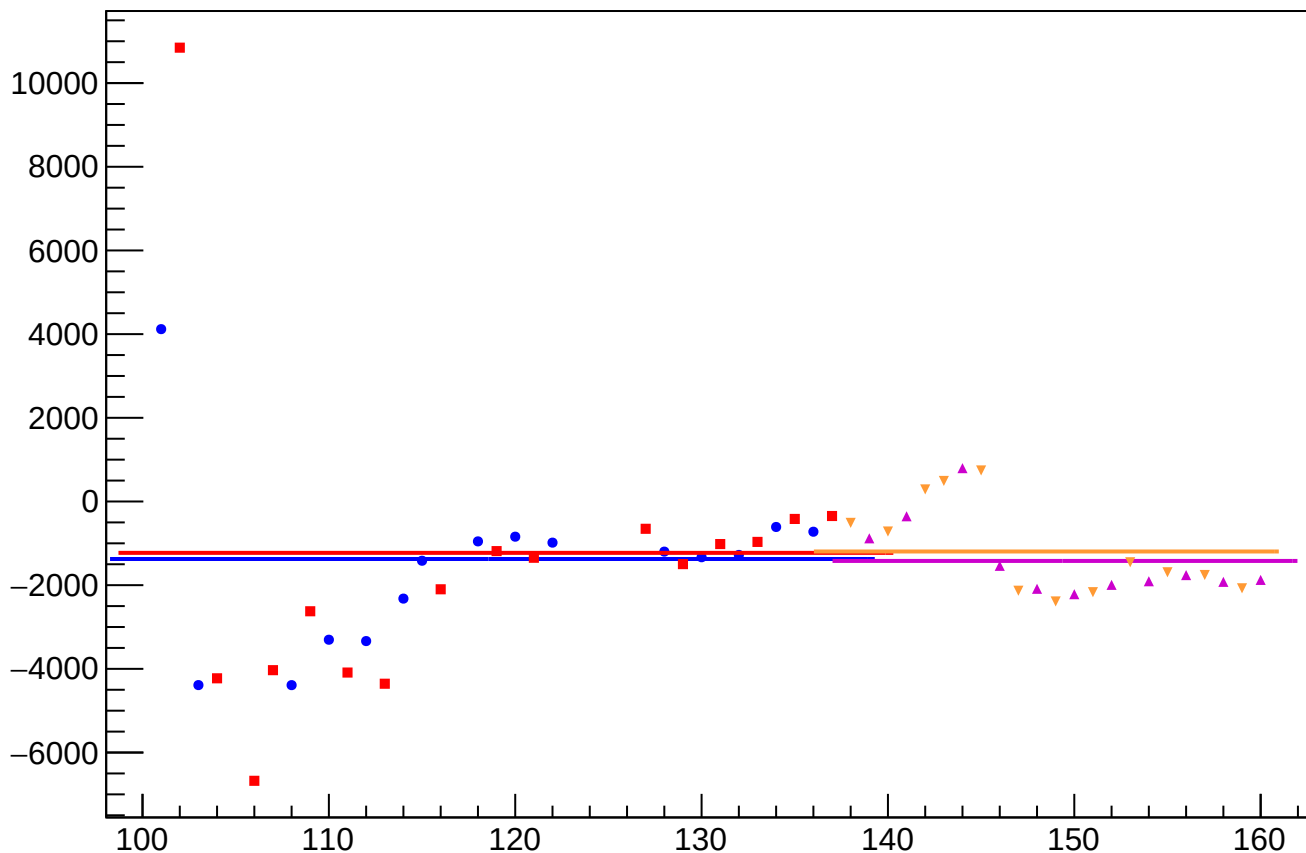
Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

+ sign 1142.031 $\pm$ 0.000 χ^2 /NDF: 86643588377316

All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442

- sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

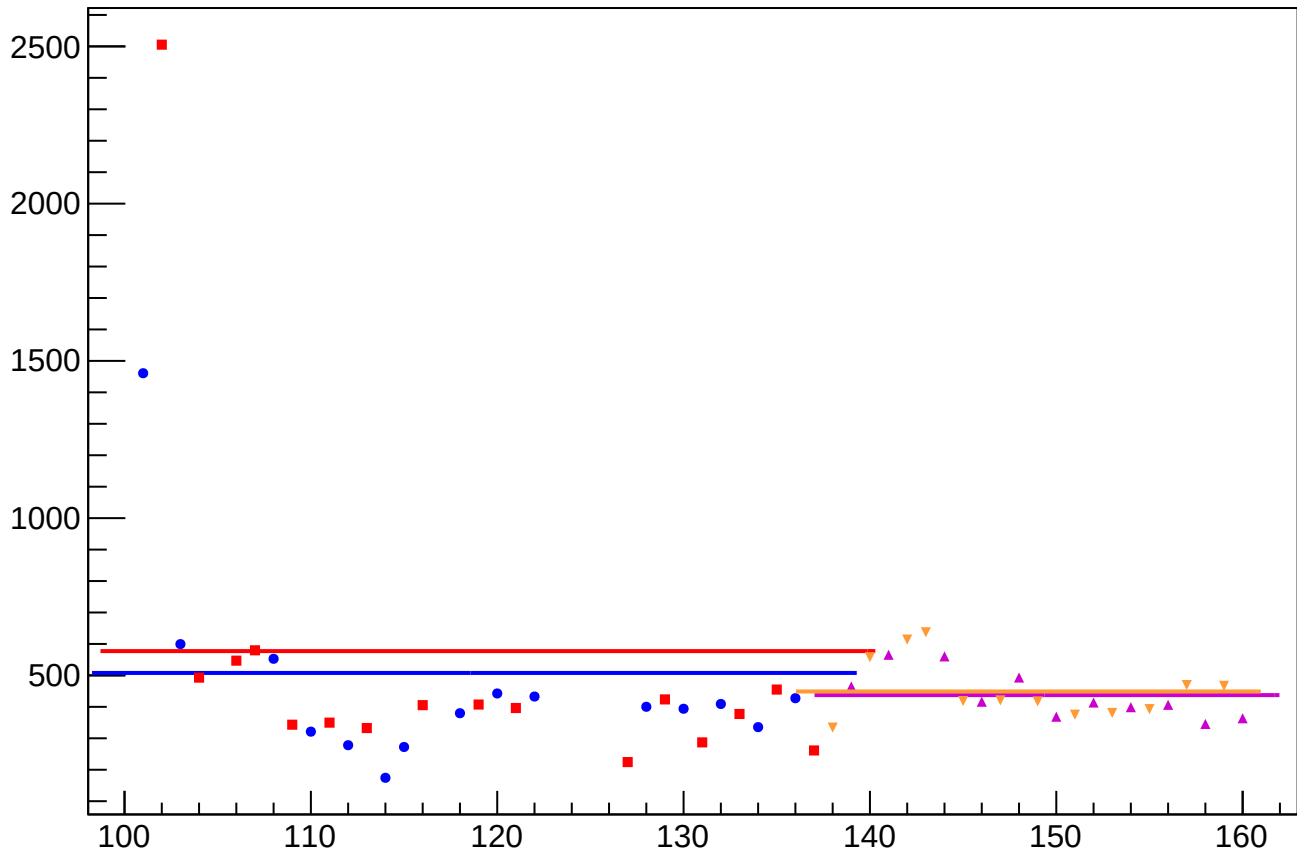
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1194.978+/-0.000	χ^2/NDF : 1012982164343735644721296583058593415168.0/11
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1420.806+/-0.000	χ^2/NDF : 747987085785920162637916932217361137664.0/10

+ sign -1269.525+/-0.000 χ^2/NDF : 4097990392534
 All: -1305.037+/-0.000 χ^2/NDF : 1597961645
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 448.905+/-0.000 χ^2/NDF : 6972444969041725929744111494148128768.0/11

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

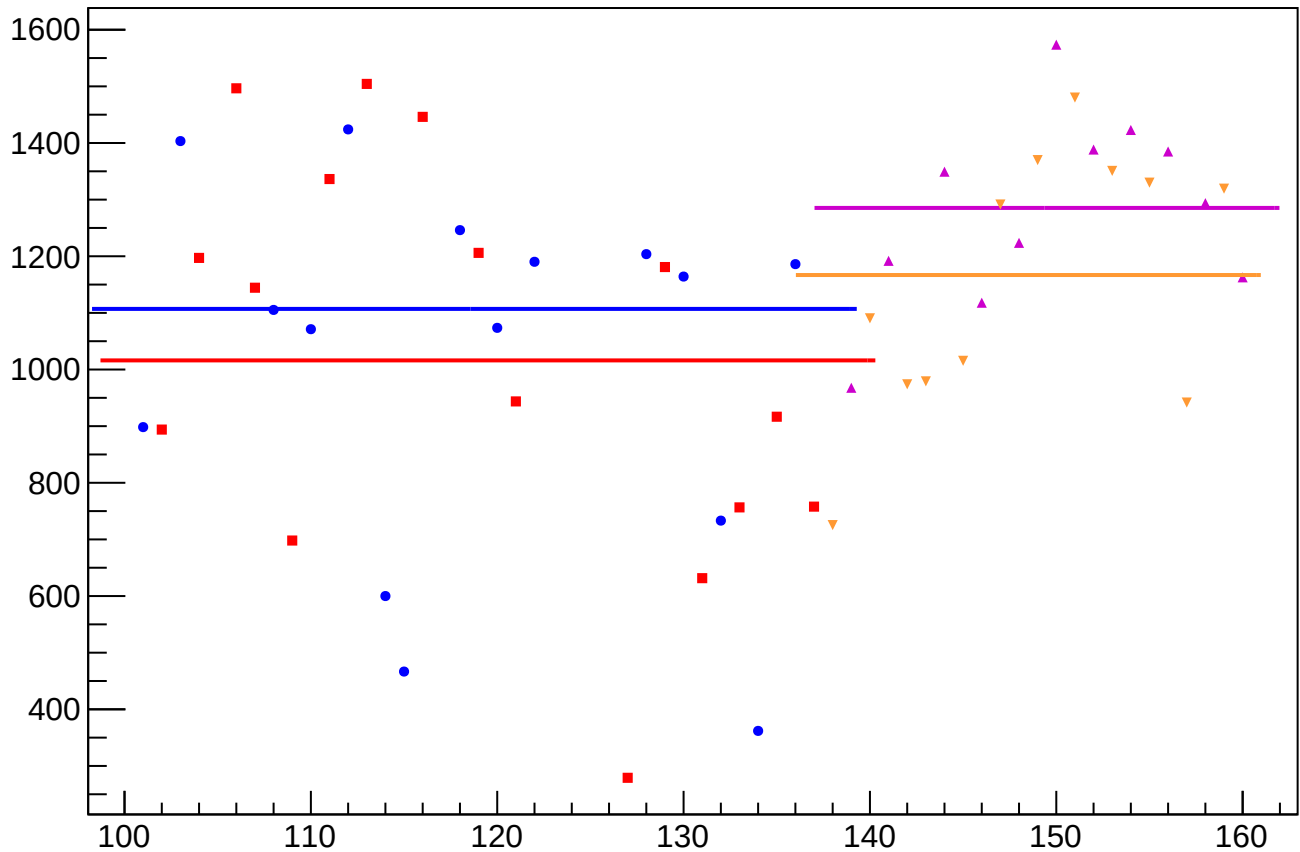
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

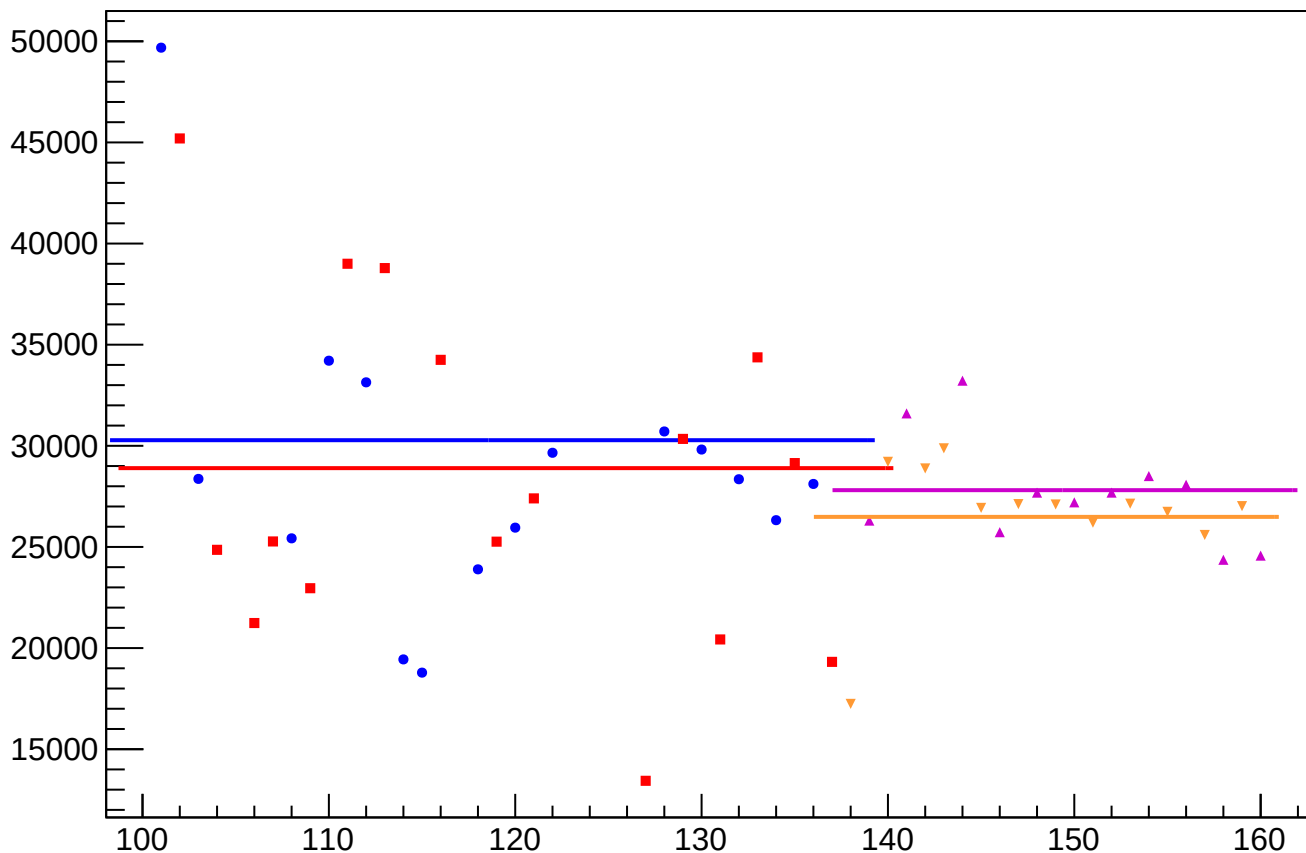
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 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

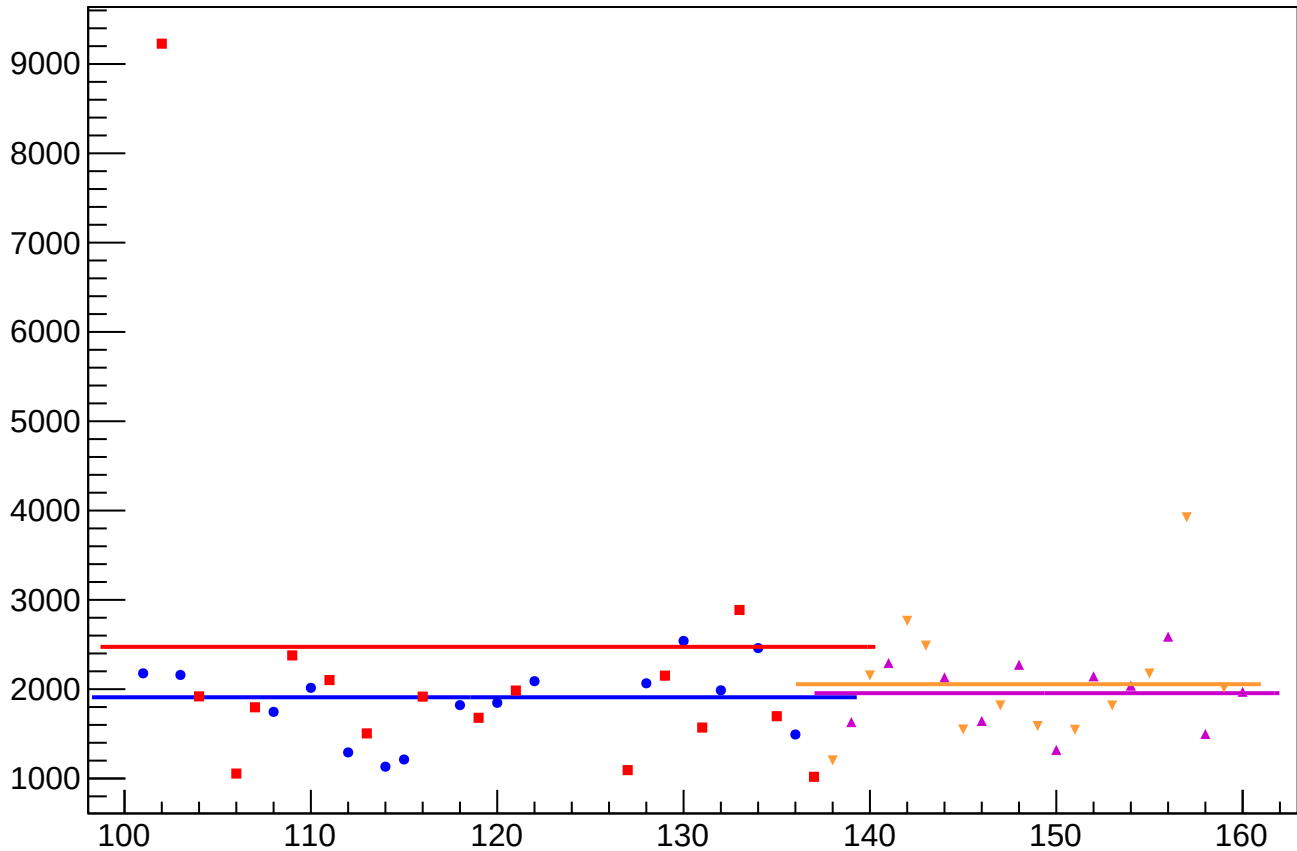
dit_atr2_coil4_mean vs Slug



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

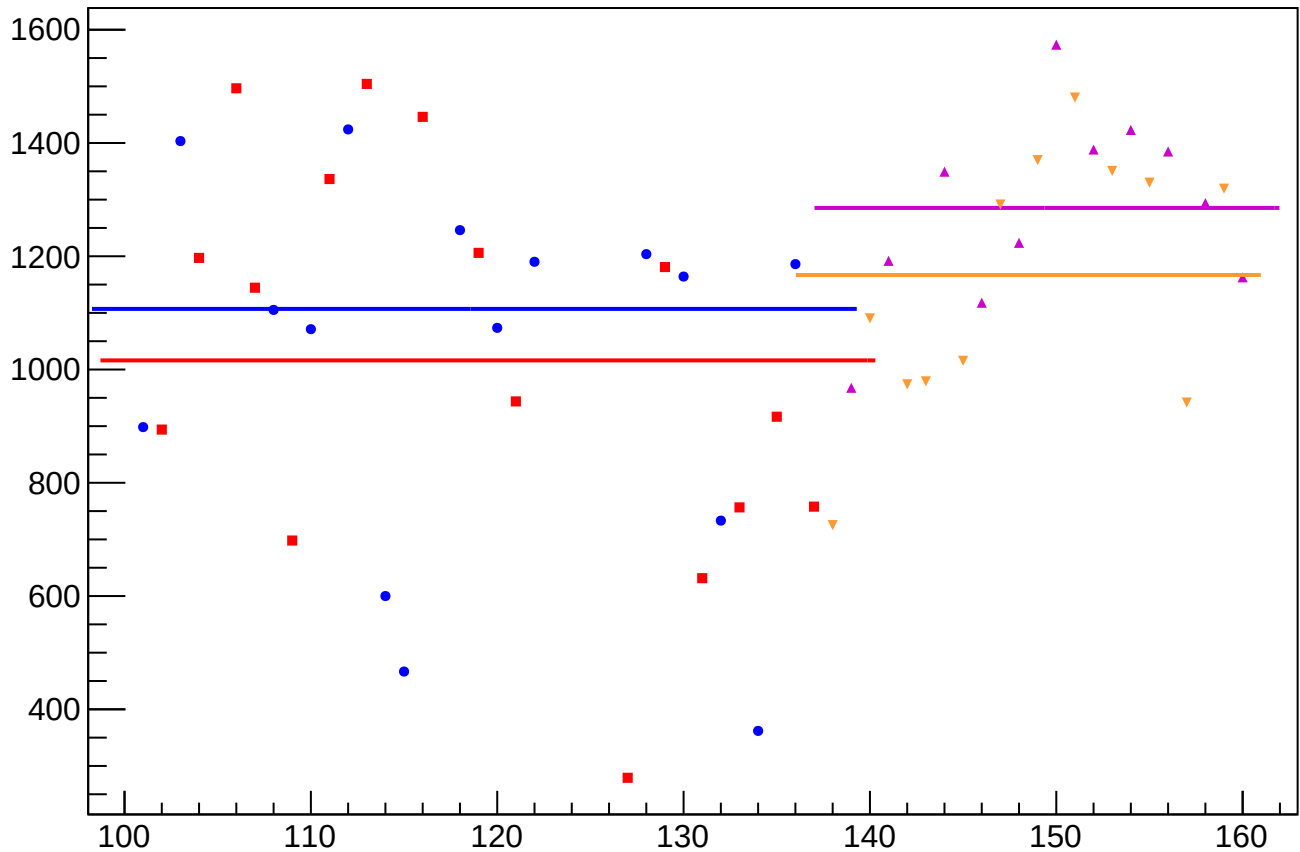
dit_atr2_coil4_err_mean vs Slug



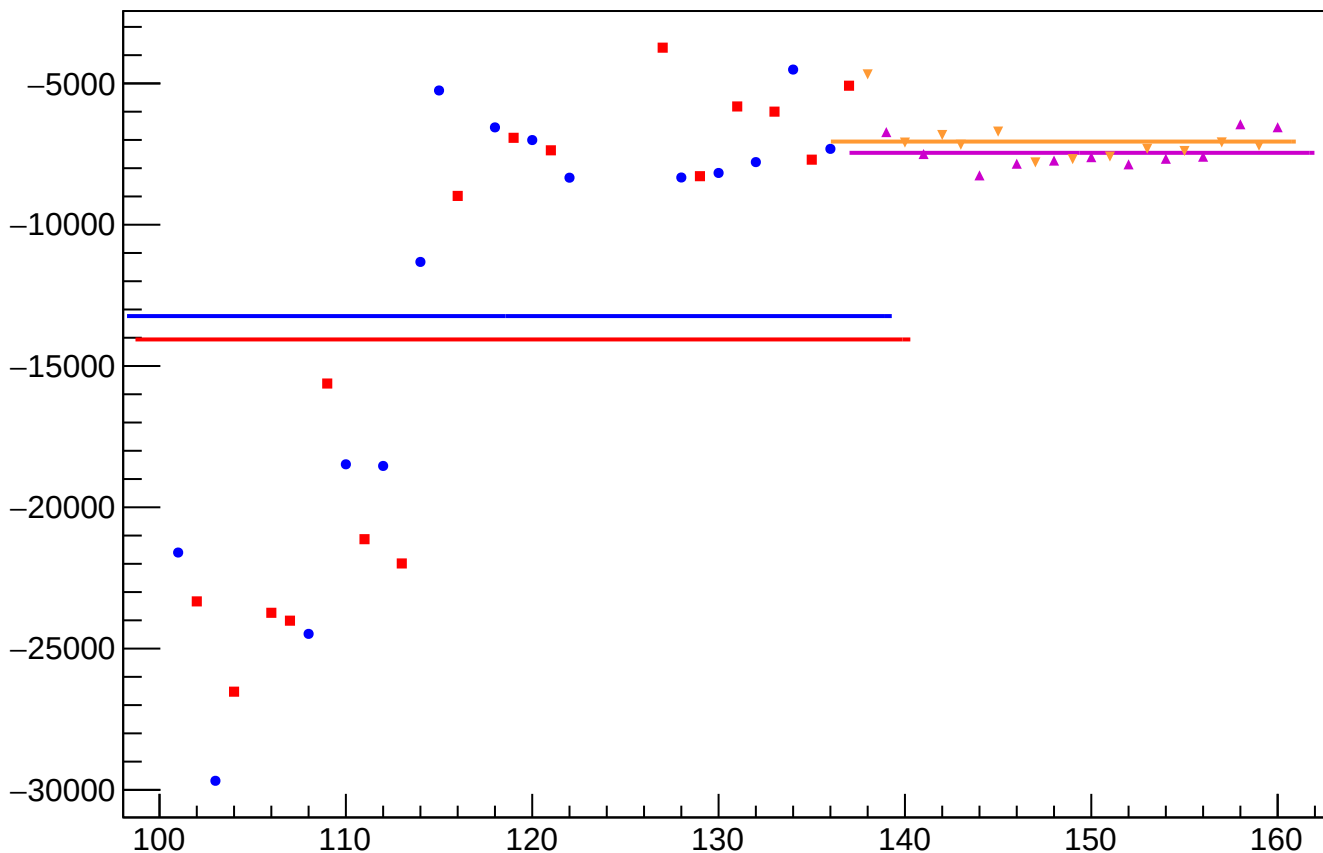
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2055.788+/-0.000	χ^2/NDF : 438010168588723075505721290768963862528.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

+ 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



dit_sam1_coil4_mean vs Slug



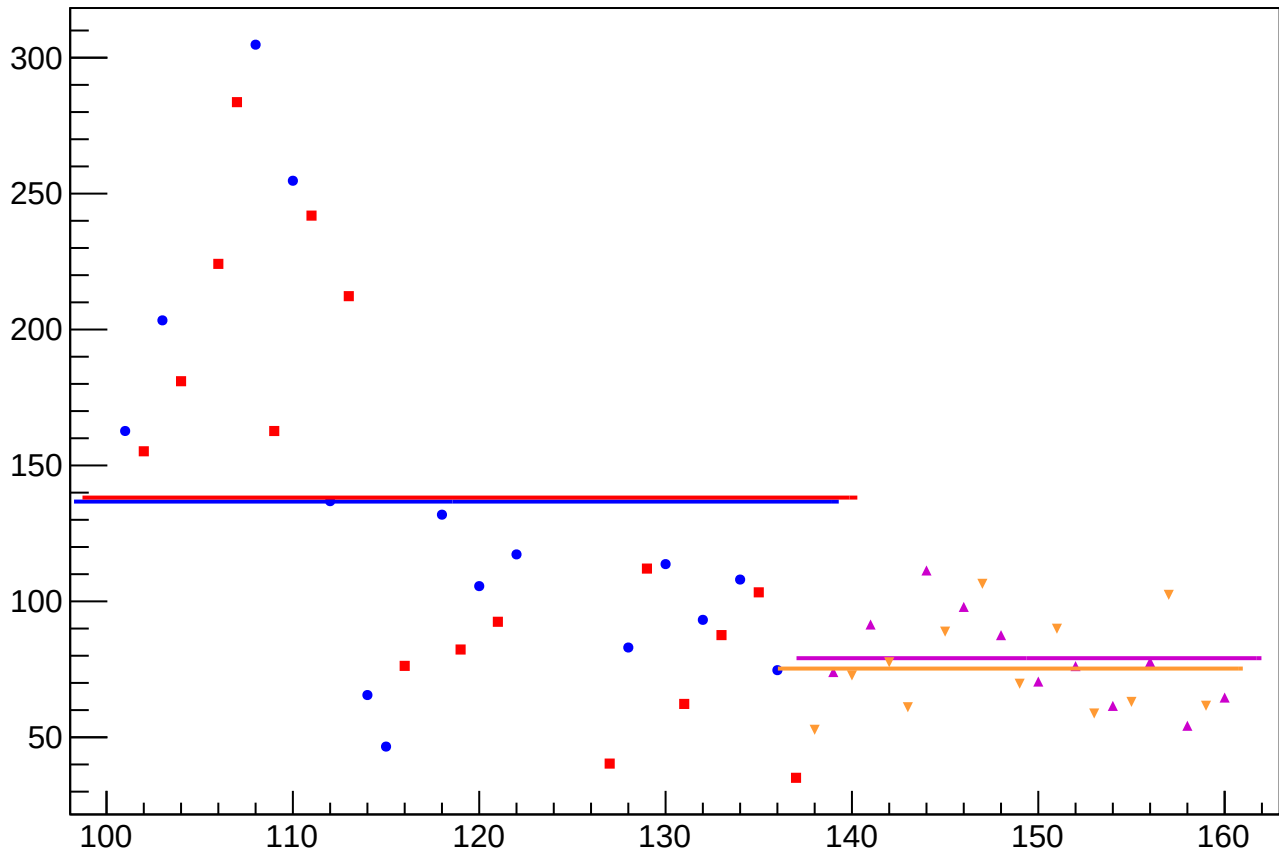
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

Left Out: -7057.509+/-0.000 χ^2/NDF : 567022768290026836186795118569021505536.0/11

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

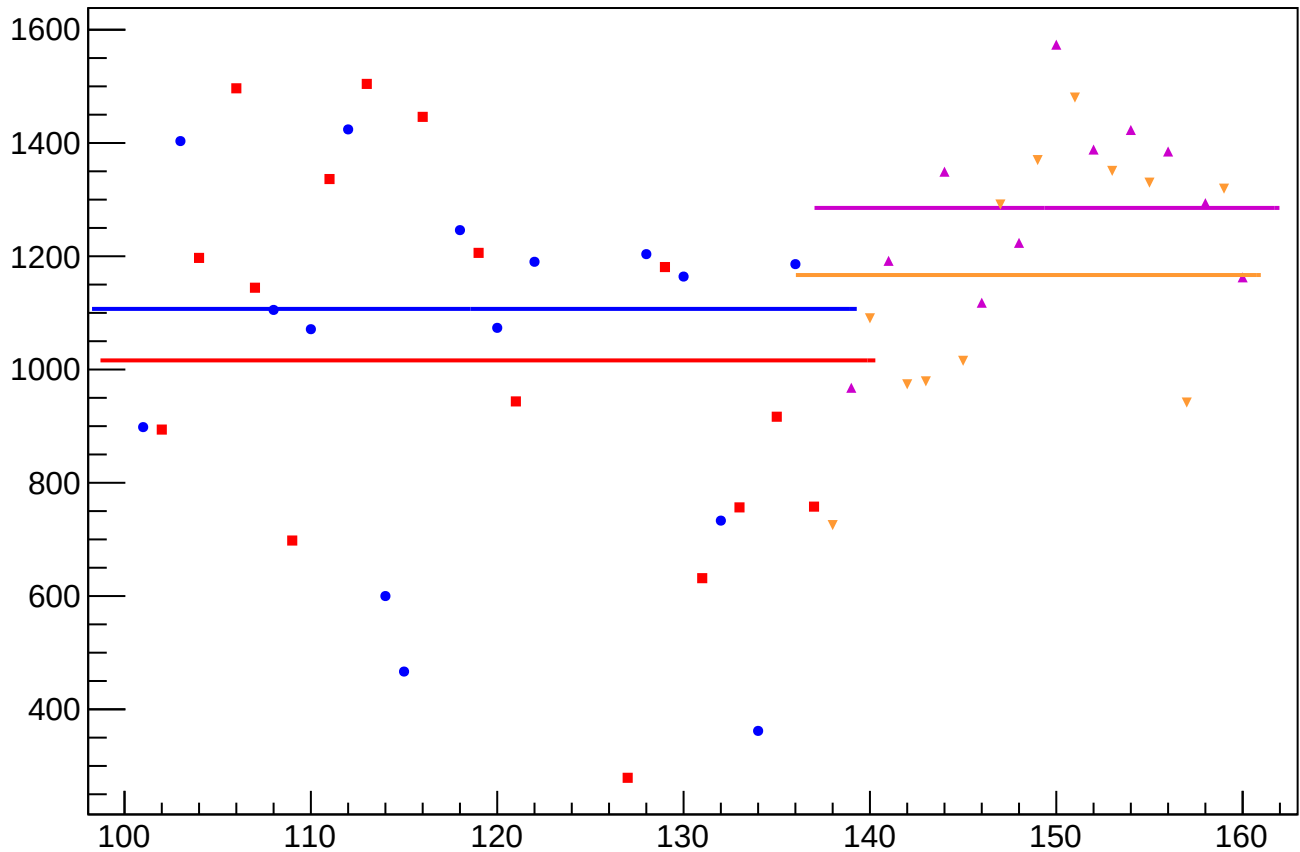
Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



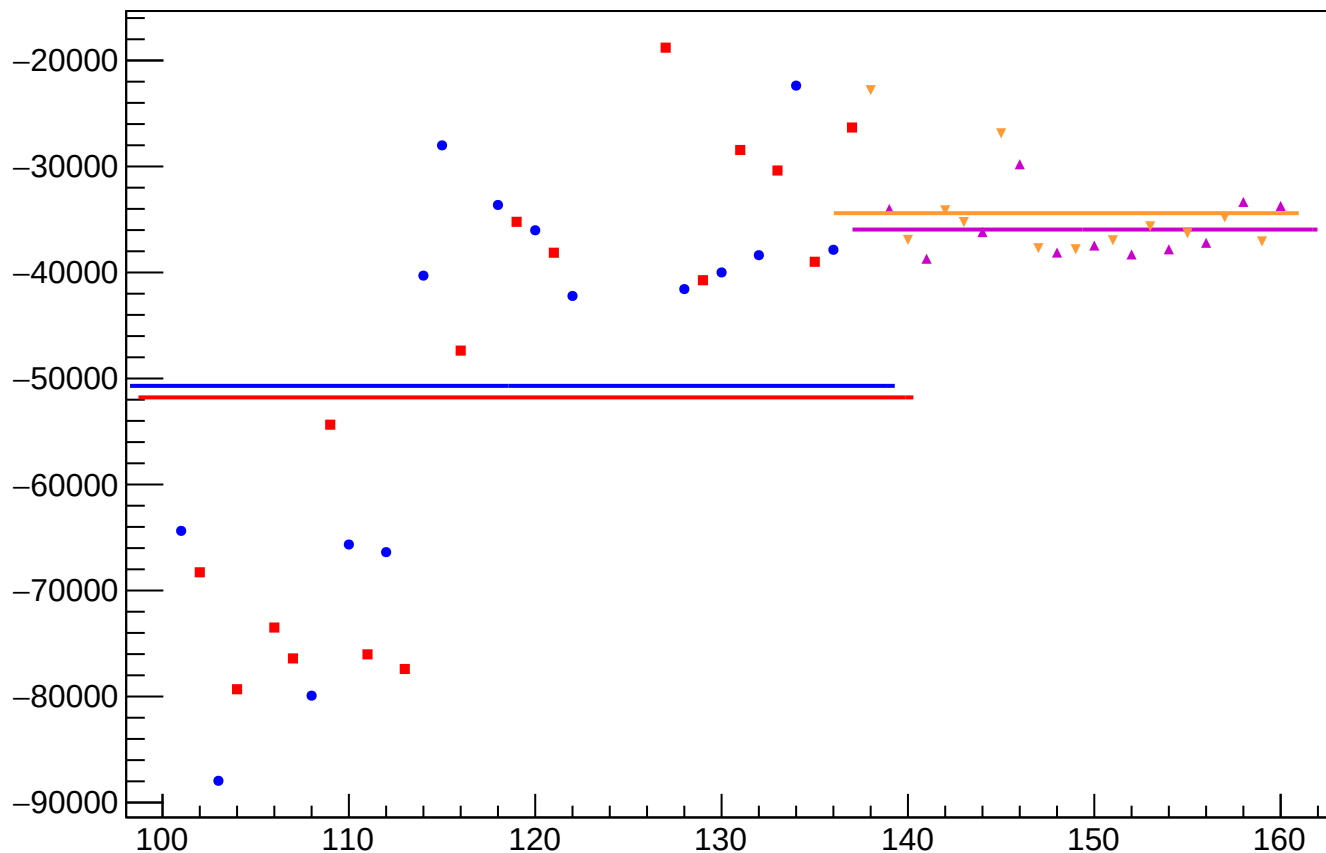
Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14
 Left Out: 75.280+/-0.000 χ^2/NDF : 271565230291715258223184233837363200.0/11
 Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15
 Left In: 79.096+/-0.000 χ^2/NDF : 243975342218114768326270780809674752.0/10
 All: 102.340+/-0.000 χ^2/NDF : 922540453685
 + sign 100.788+/-0.000 χ^2/NDF : 439084065337808
 - sign 103.866+/-0.000 χ^2/NDF : 482709269231347

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

Left Out: -34404.656+/-0.000

+ sign -41169.025+/-0.000 χ^2/NDF : 346153436808

Right Out: -51783.912+/-0.000

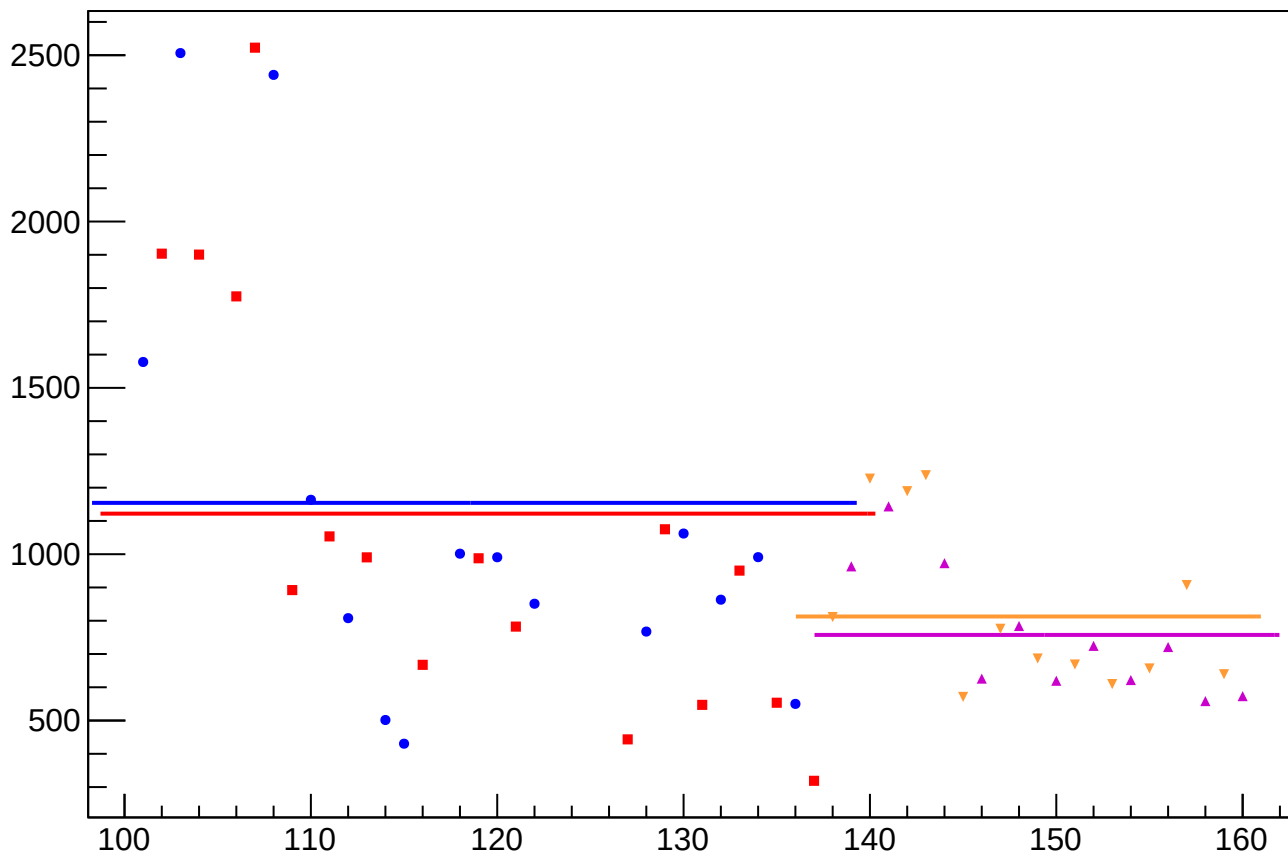
χ^2/NDF : 18820007226442898256054839449855820038144.0/11

Left In: -35949.660+/-0.000

All: -41884.763+/-0.000 χ^2/NDF : 733189271

- sign -42587.904+/-0.000 χ^2/NDF : 3854485377902

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

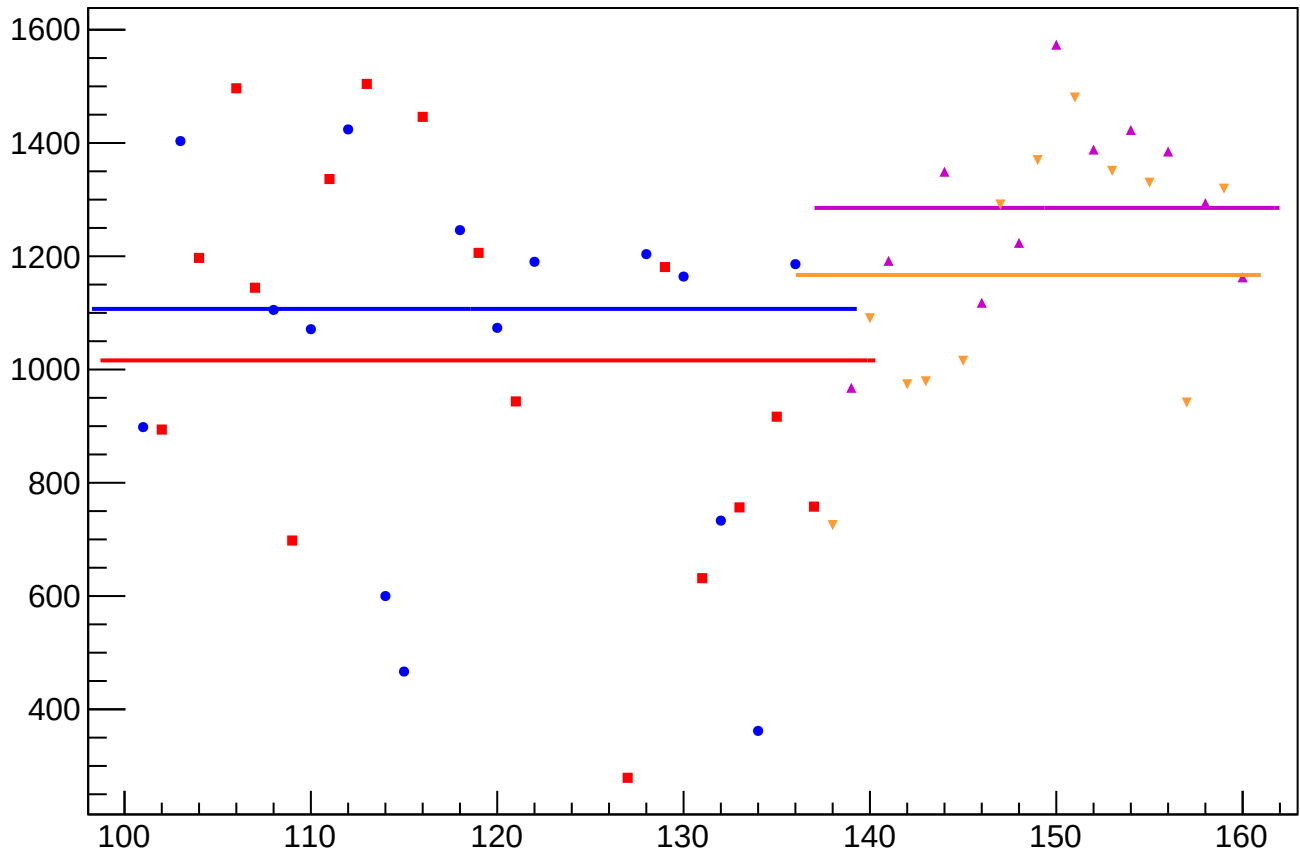
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

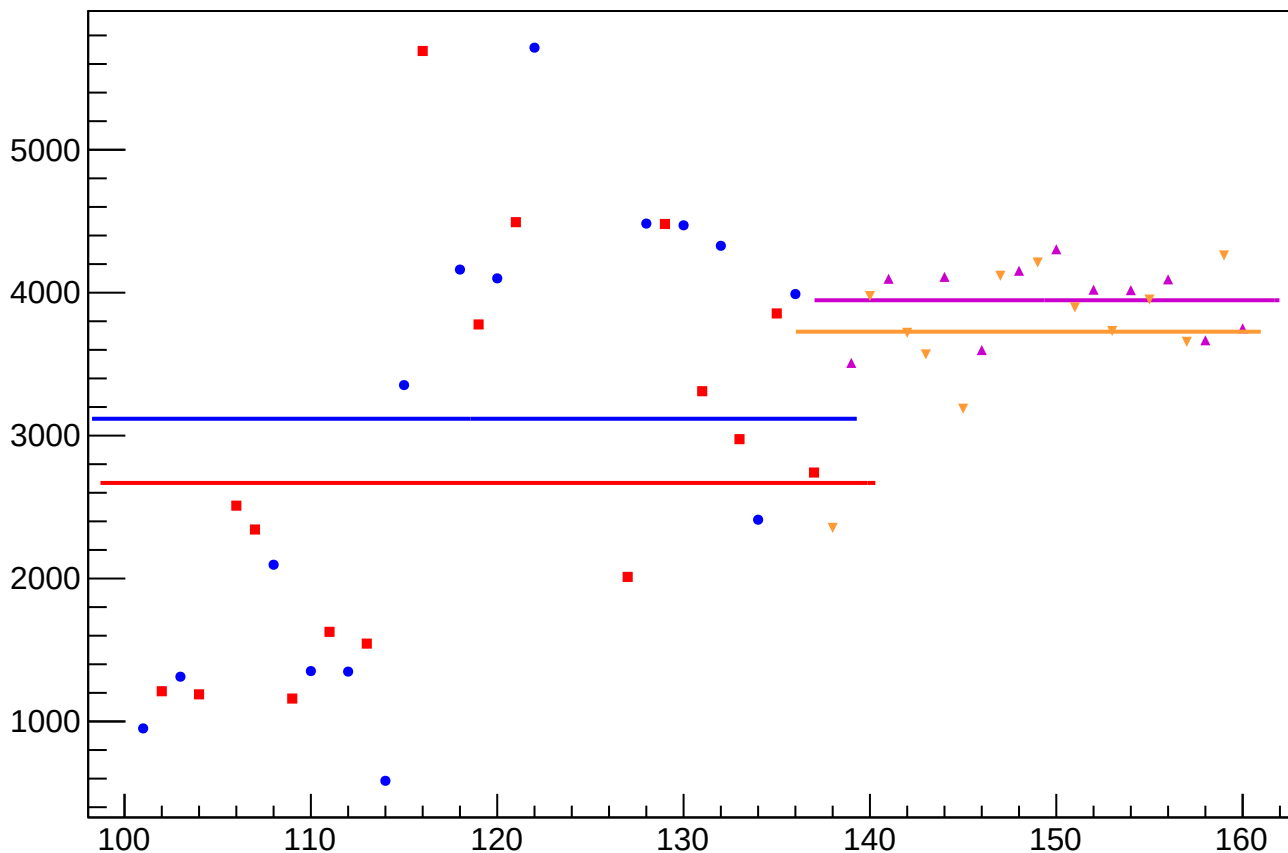
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



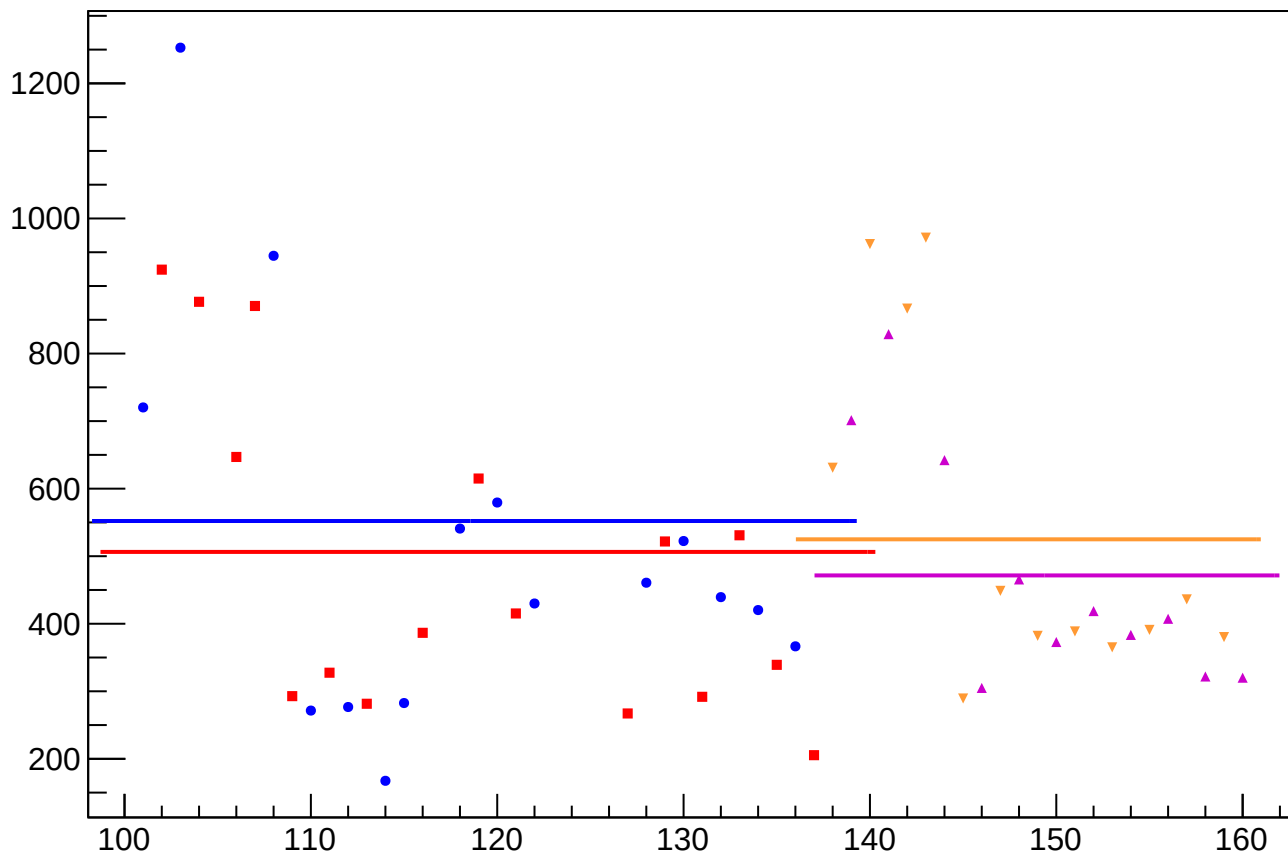
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

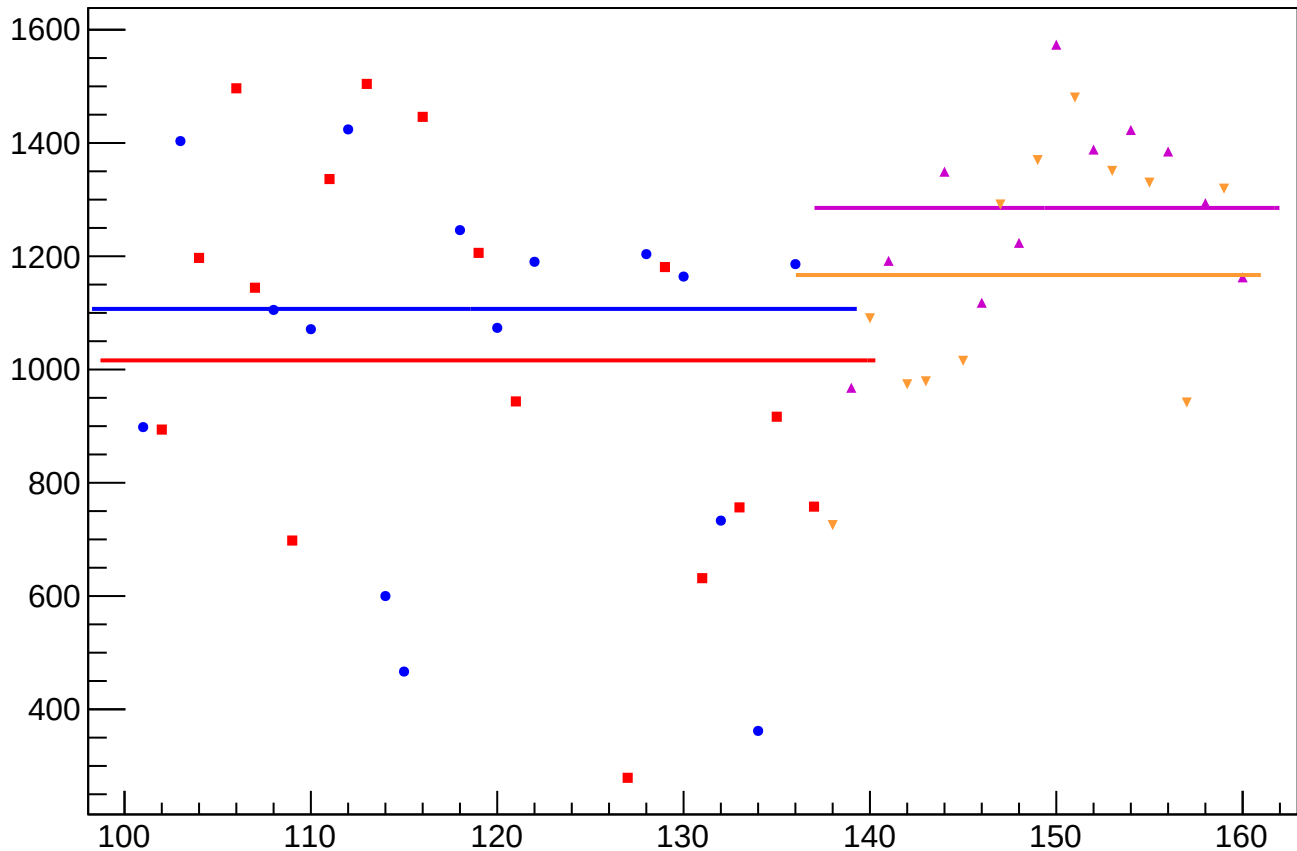
Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

+ sign 536.247+/-0.000 χ^2/NDF : 100138864573436

All: 510.967+/-0.000 χ^2/NDF : 165450893043

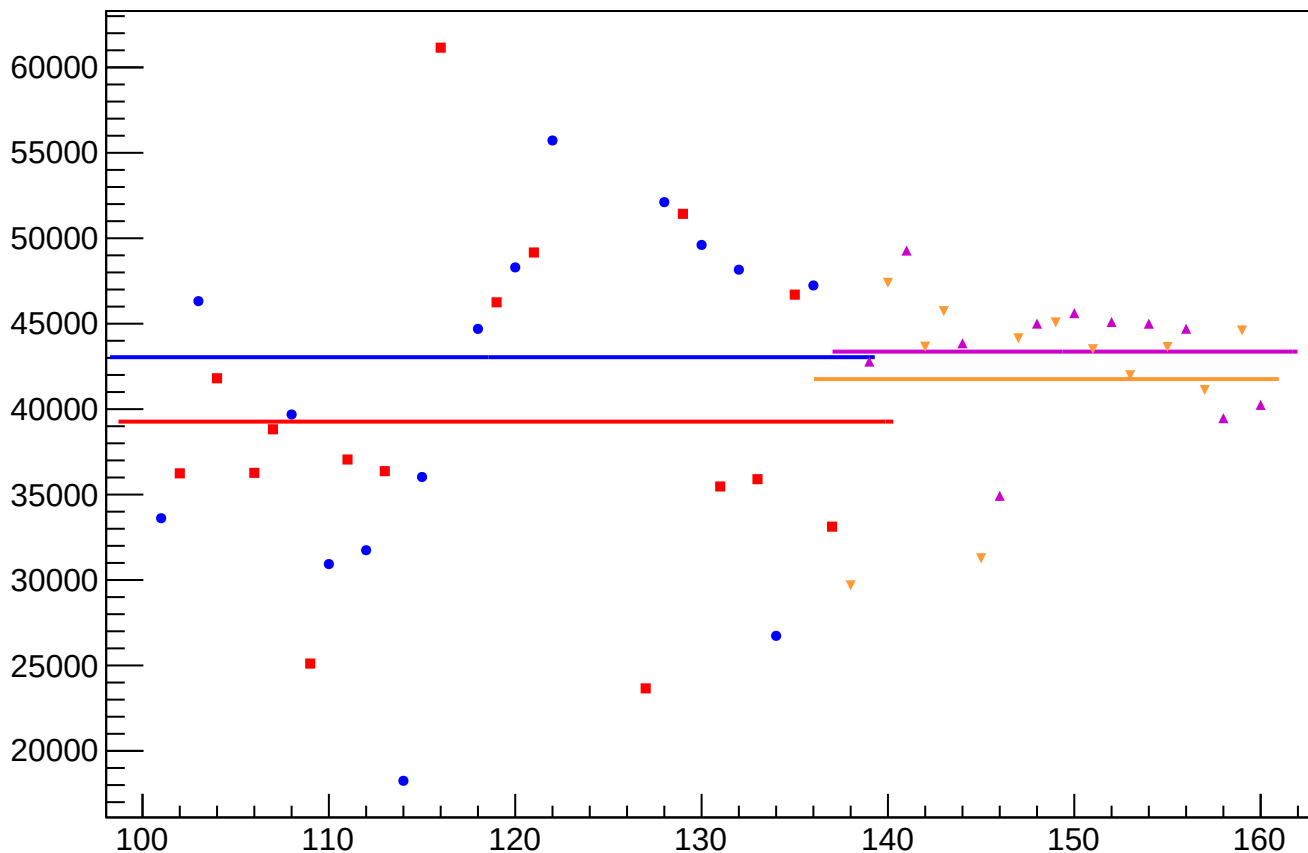
- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam4_coil4_mean vs Slug



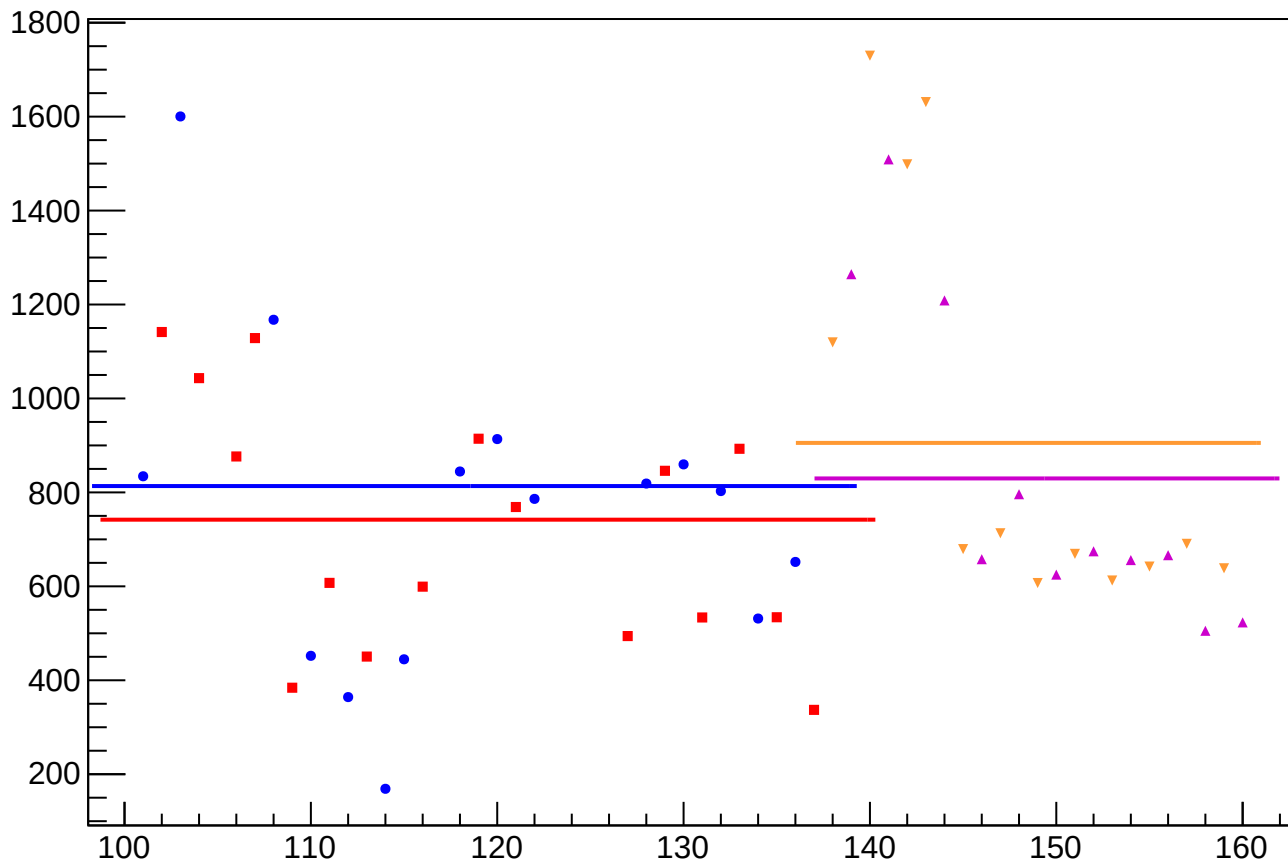
Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42291.015+/-0.000 χ^2/NDF : 7535805649529

All: 41966.664+/-0.000 χ^2/NDF : 146263445

- sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



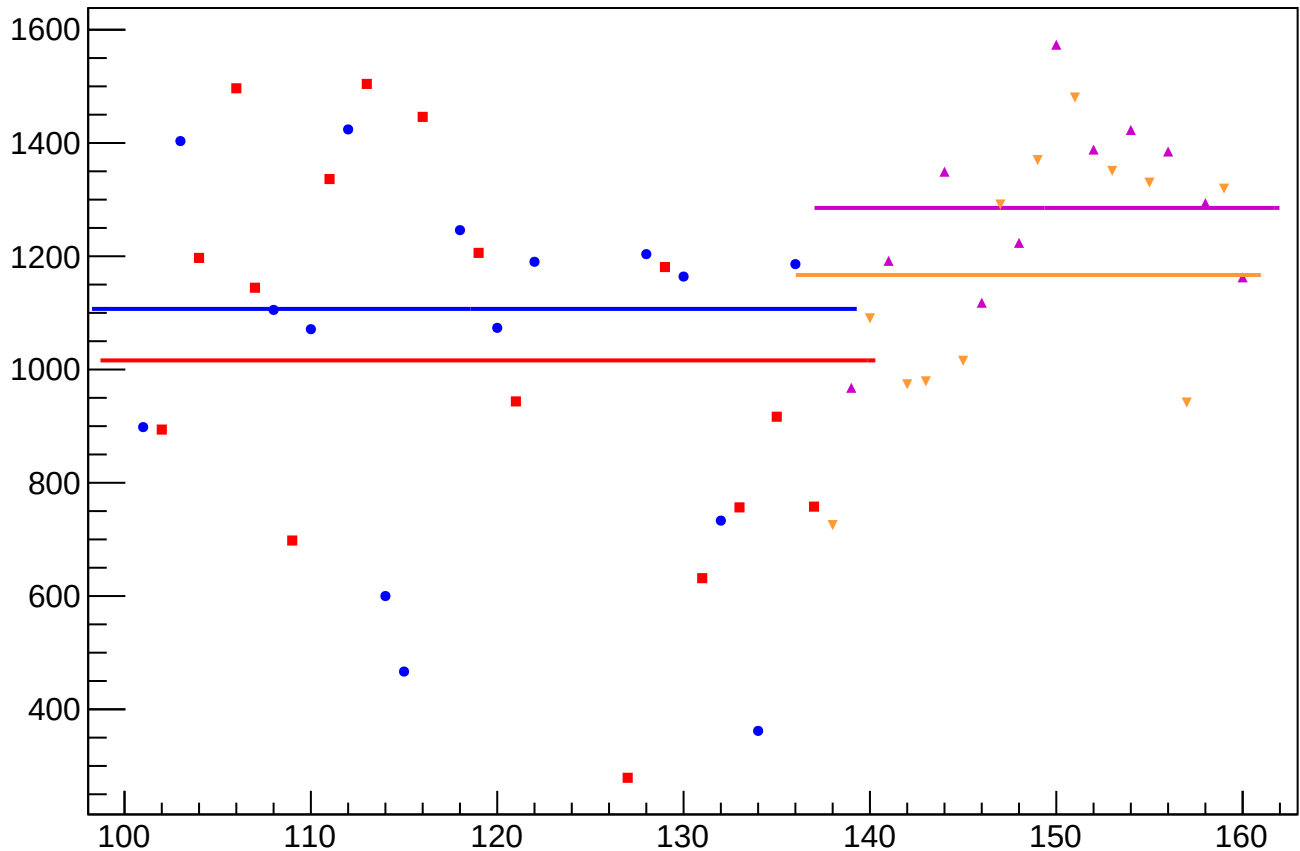
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

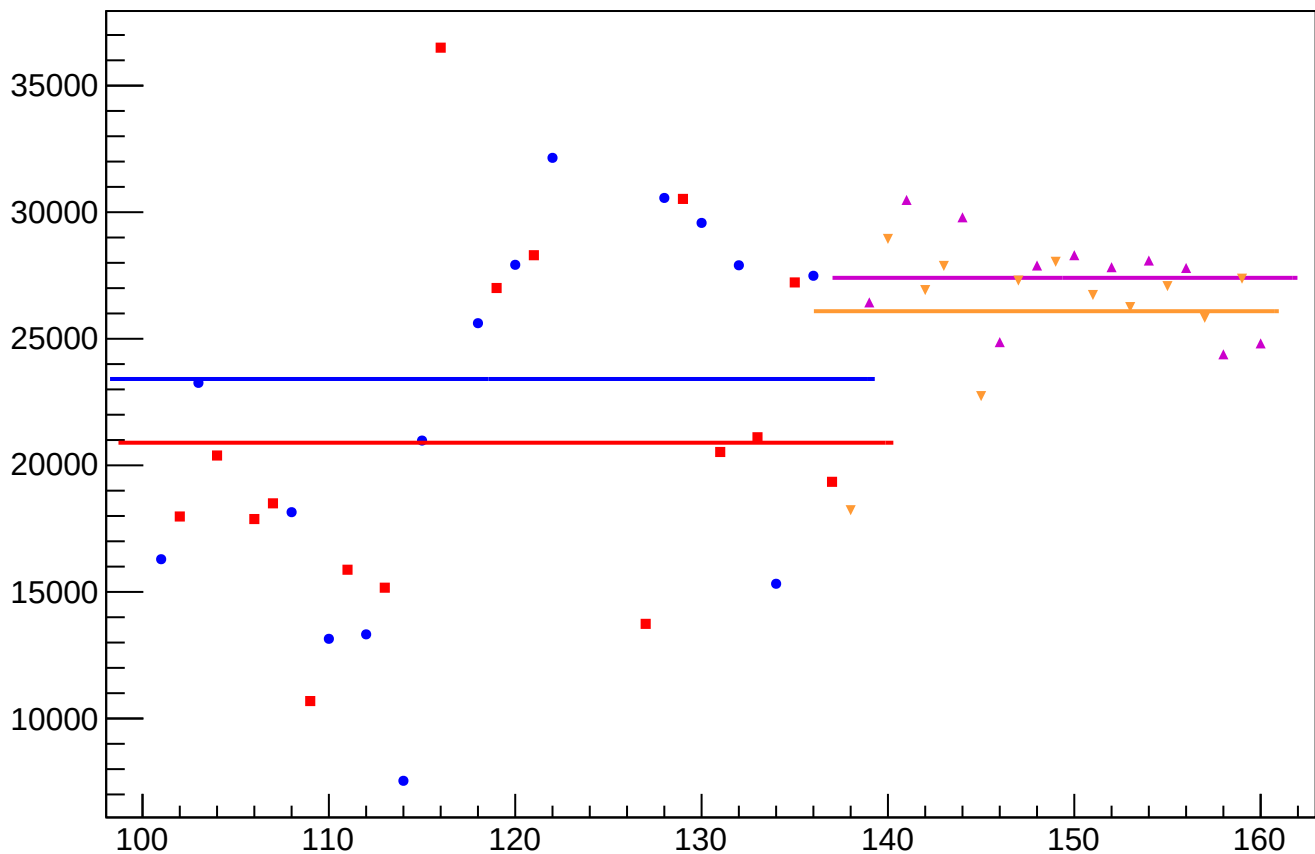
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

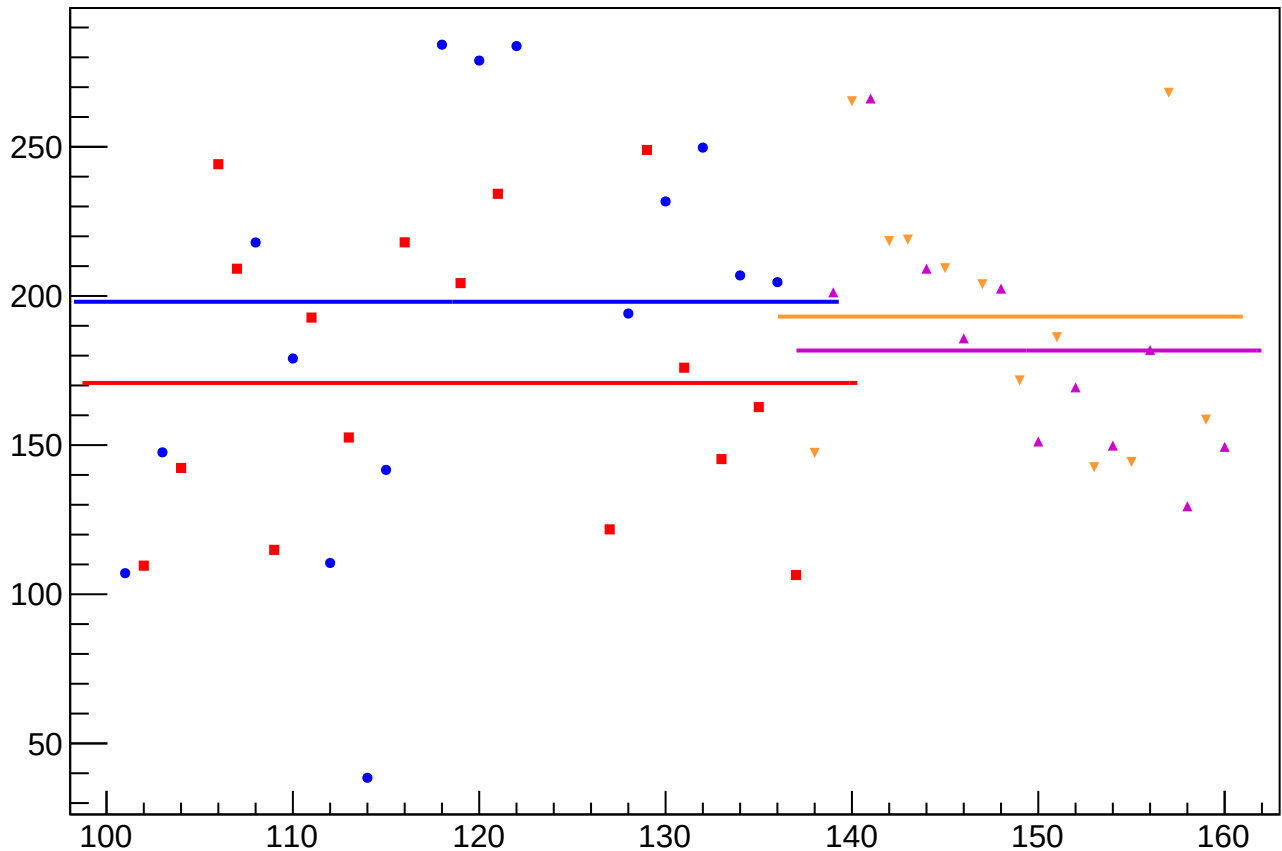
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 26089.435+/-0.000	χ^2/NDF : 7297474697325231234633060364075485102080.0/11
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27407.255+/-0.000	χ^2/NDF : 3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF : 3844656677924
 All: 24825.775+/-0.000 χ^2/NDF : 8568215489
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056 +/- 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 193.084 +/- 0.000 χ^2/NDF : 1682749705439949881122511912389574656.0/11

Right Out: 170.851 +/- 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

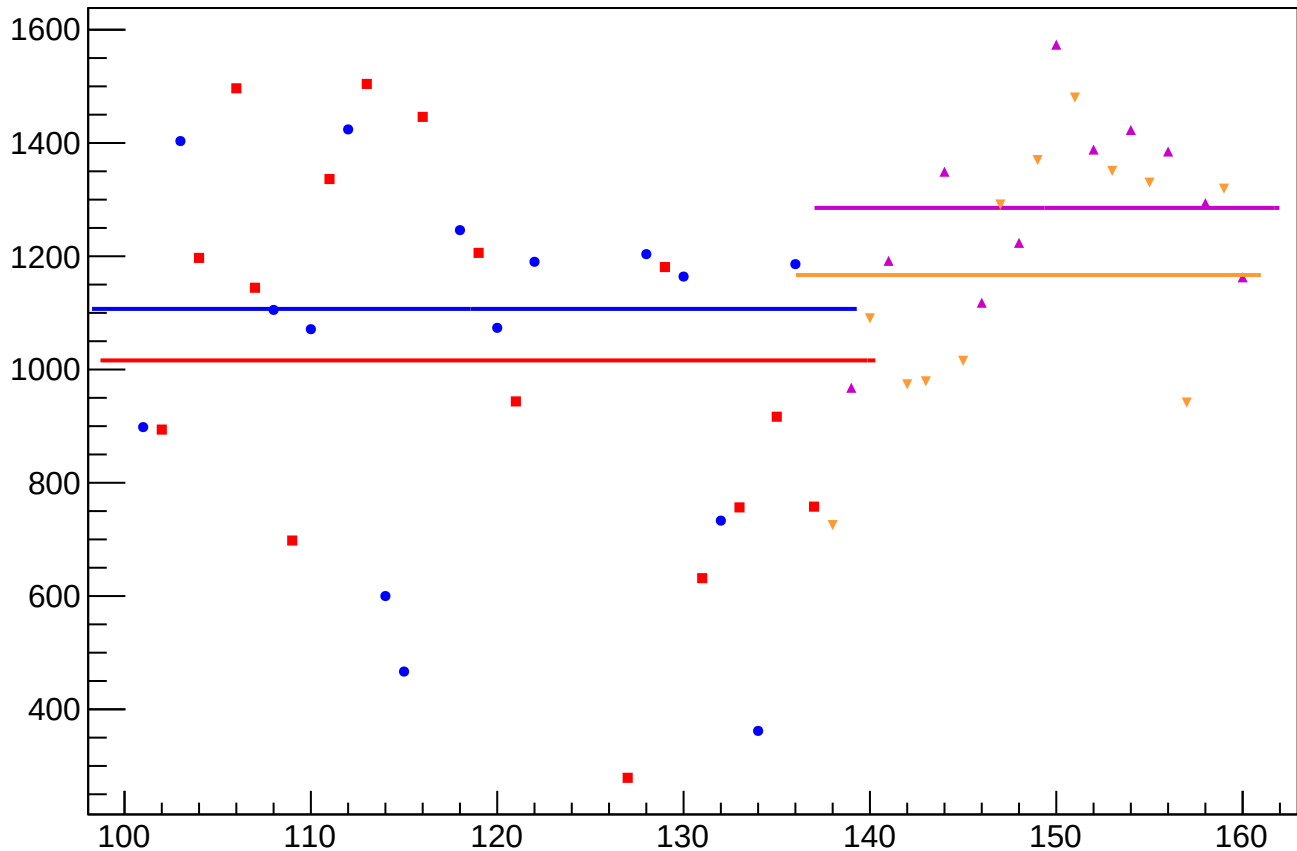
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

All: 186.074 +/- 0.000 χ^2/NDF : 712277108618

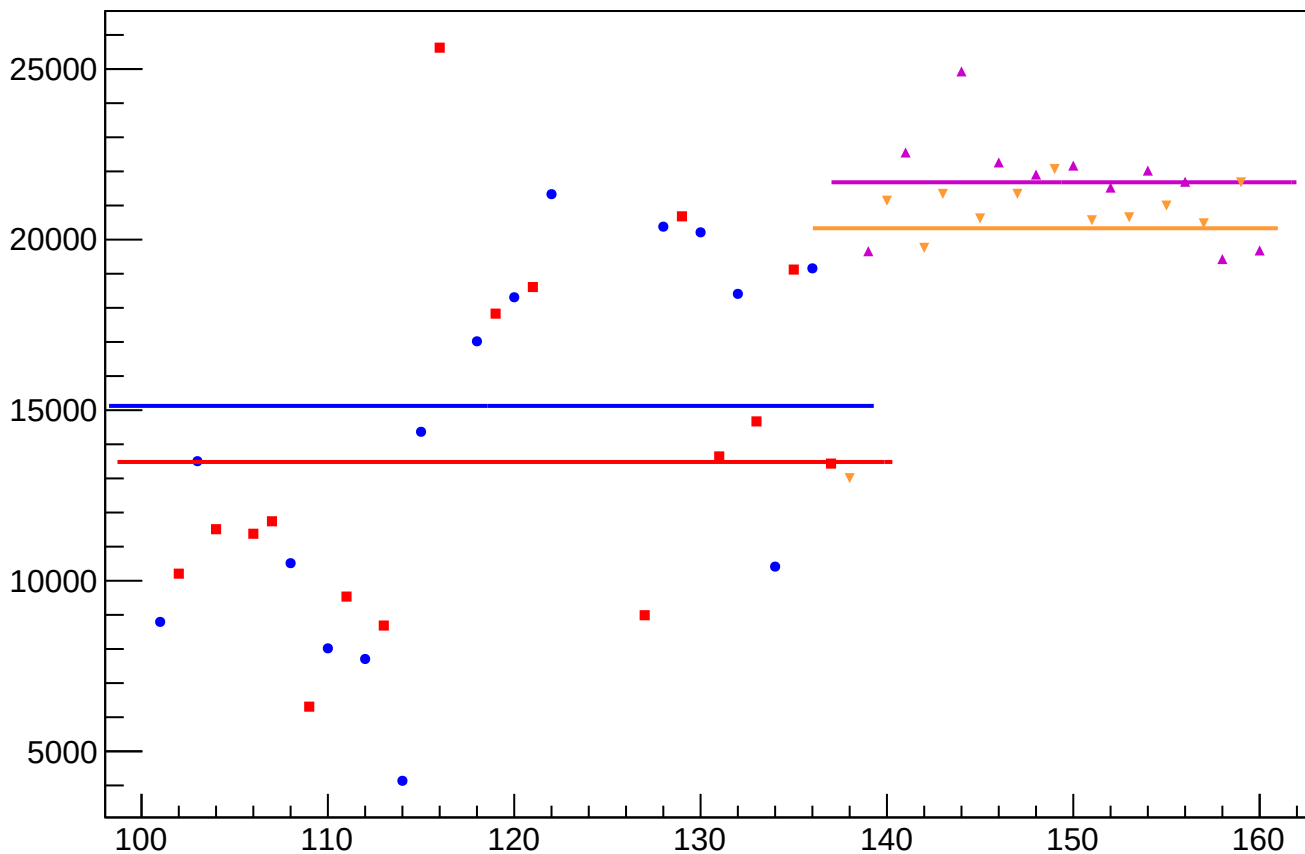
+ sign 195.148 +/- 0.000 χ^2/NDF : 417506015542371

- sign 177.159 +/- 0.000 χ^2/NDF : 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



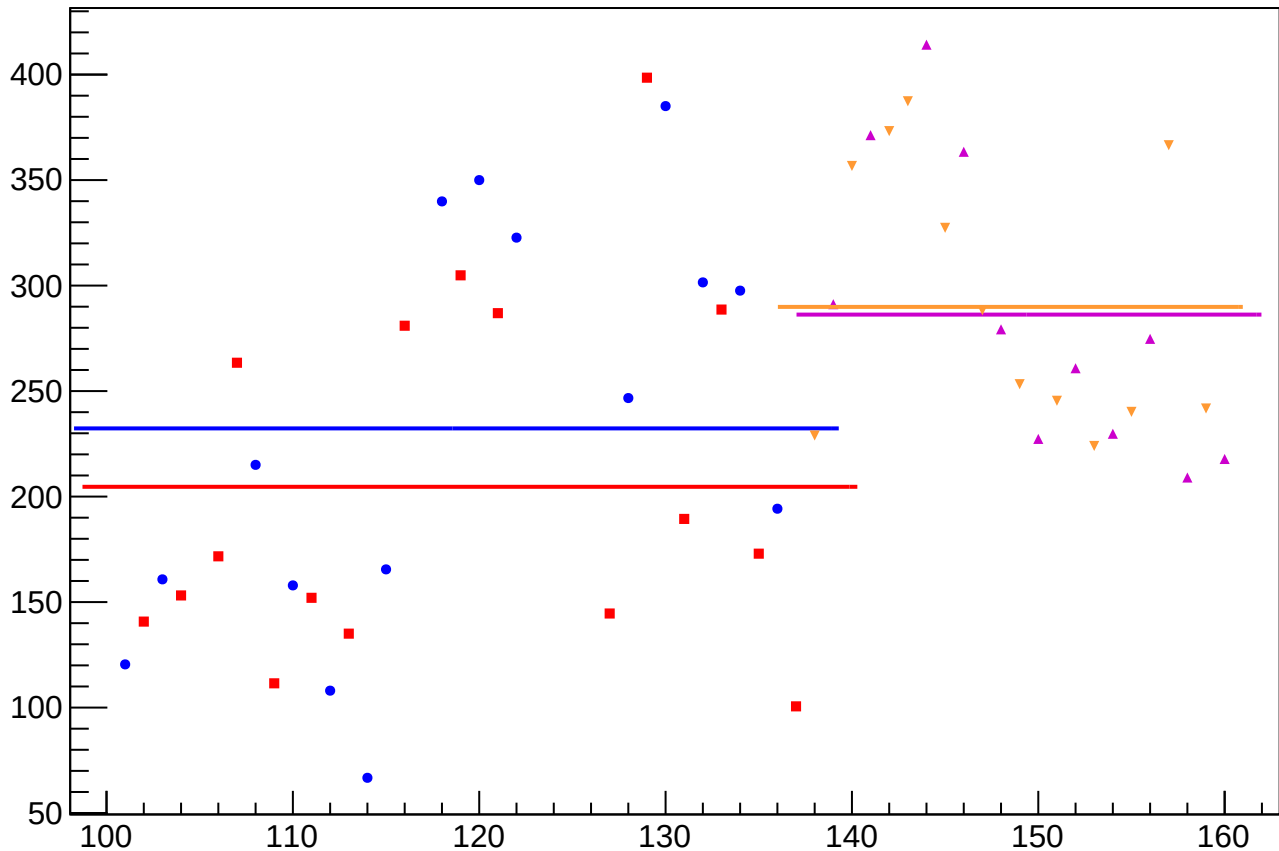
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20333.061+/-0.000	χ^2/NDF : 4855949225776942763226853940369054236672.0/11
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21681.241+/-0.000	χ^2/NDF : 2108874573649202621711530332866310307840.0/10

+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

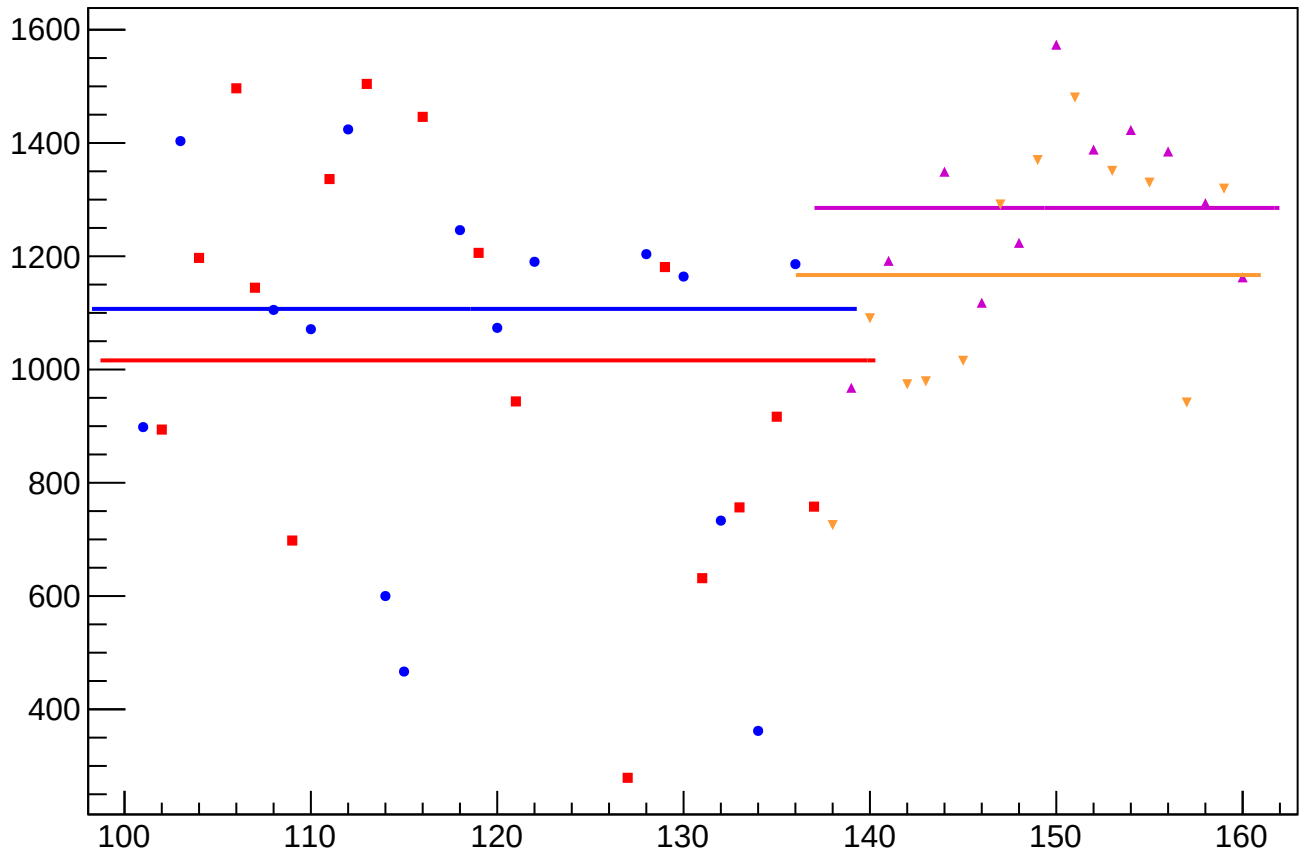
dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14
Left Out: 289.897+/-0.000	χ^2/NDF : 3202390993231935504147250998086205440.0/11
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10

+ sign 265.986+/-0.000 χ^2/NDF : 993907240808893
 All: 258.948+/-0.000 χ^2/NDF : 212946744199
 - sign 252.033+/-0.000 χ^2/NDF : 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

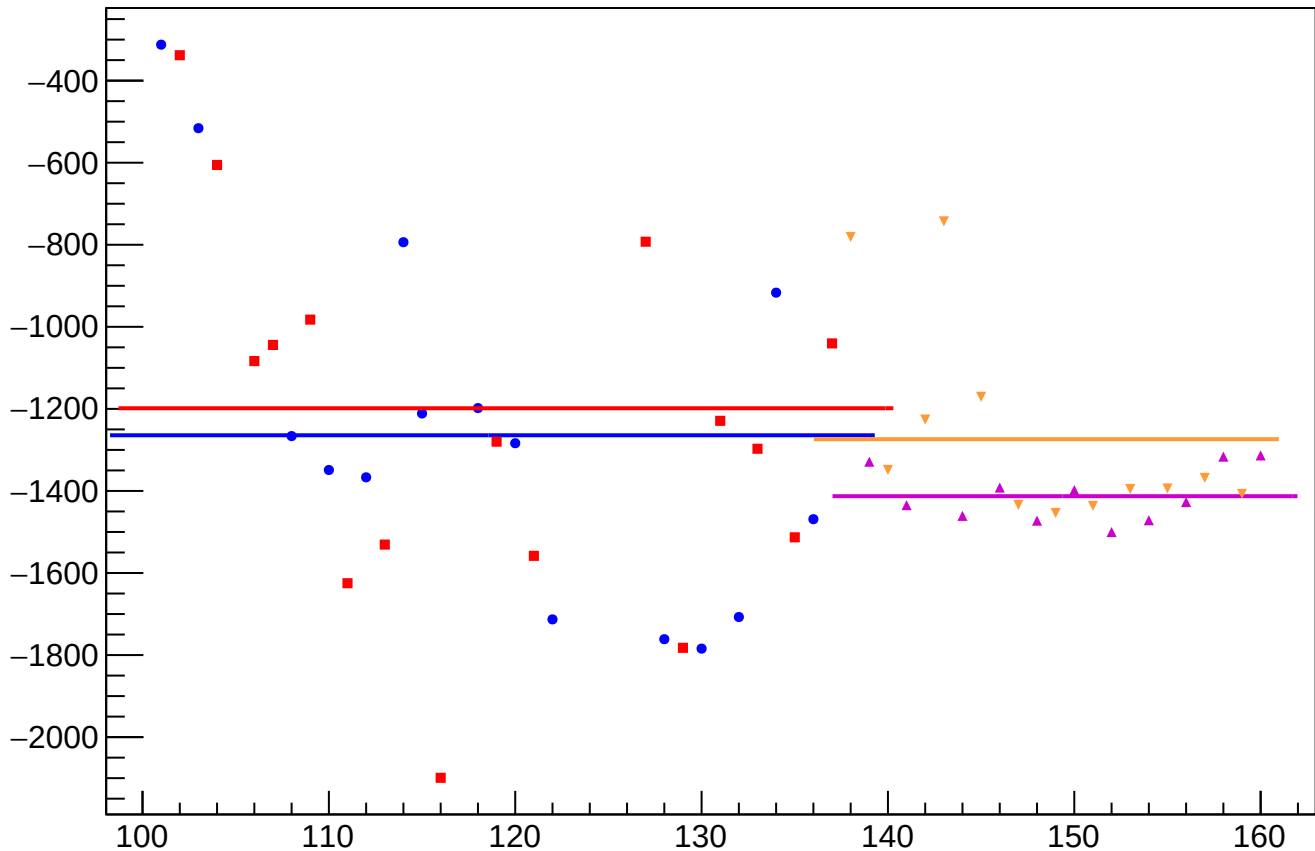
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316

All: 1157.392+/-0.000 χ^2/NDF : 21202911442

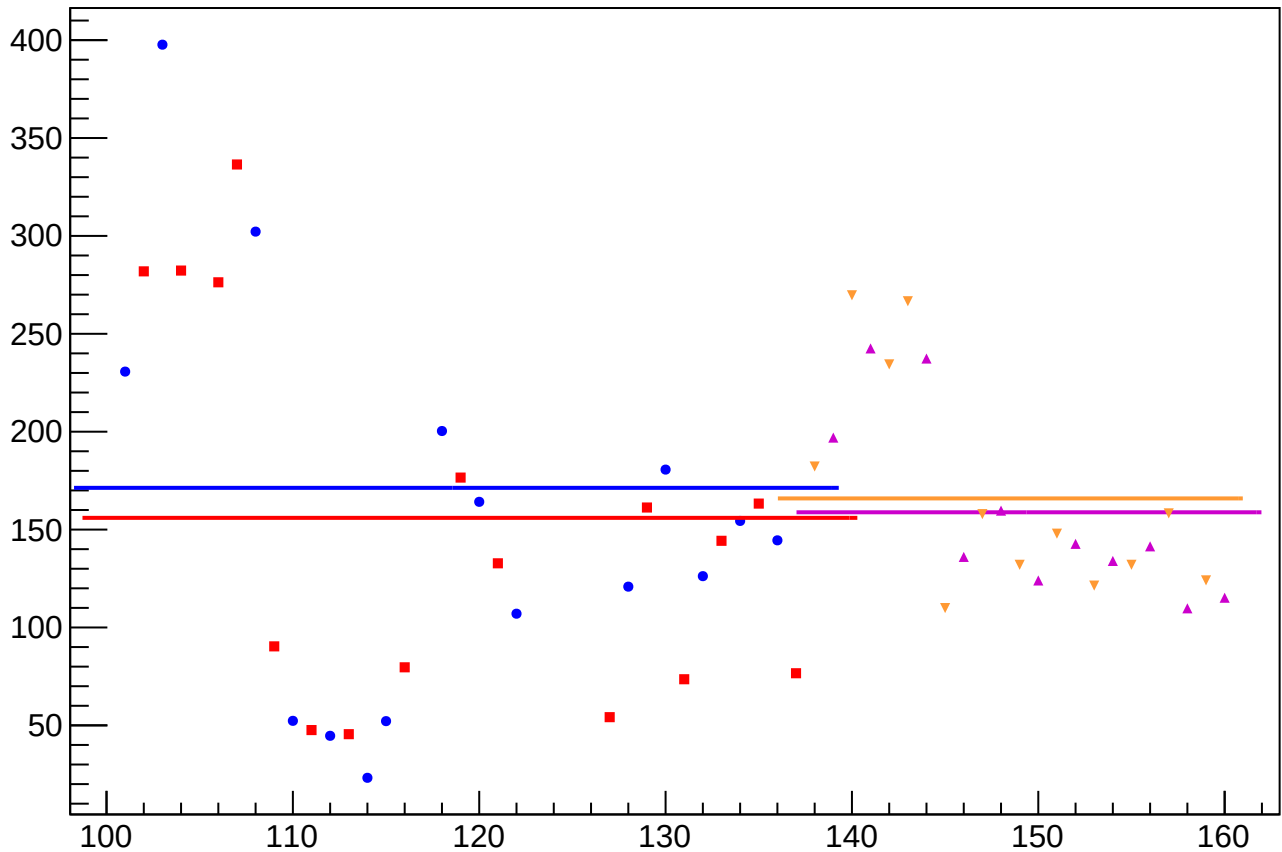
- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



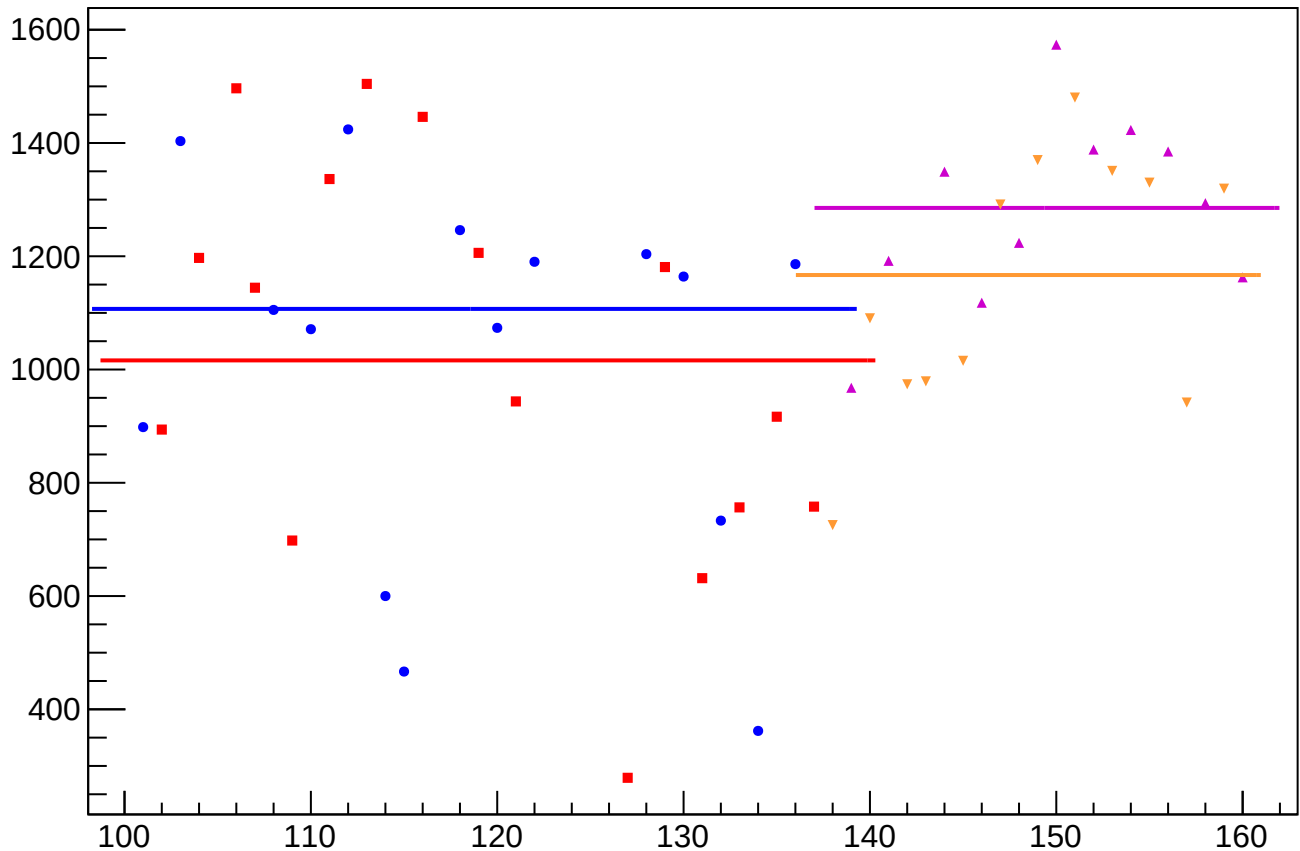
Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912 ± 0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug



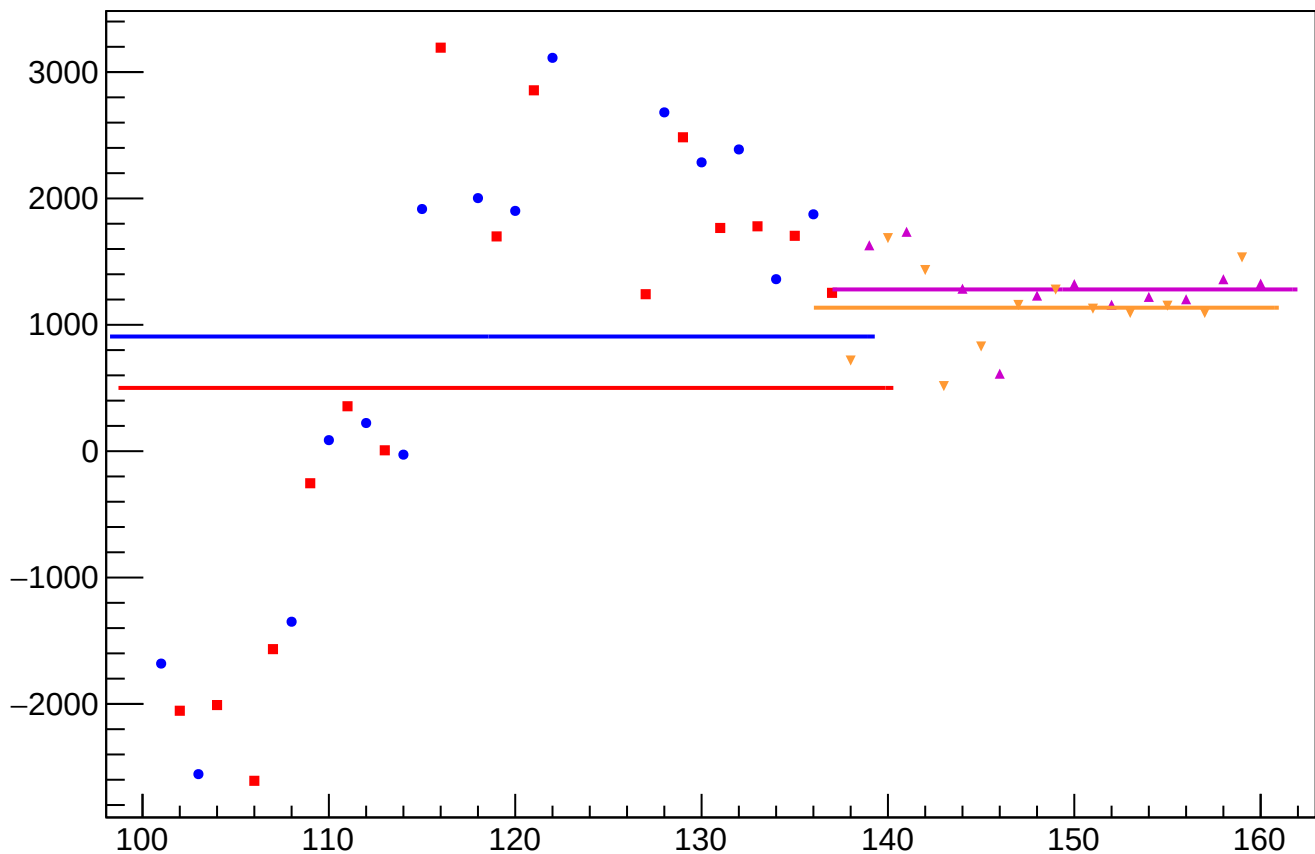
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442

dit_sam8_coil4_mean vs Slug



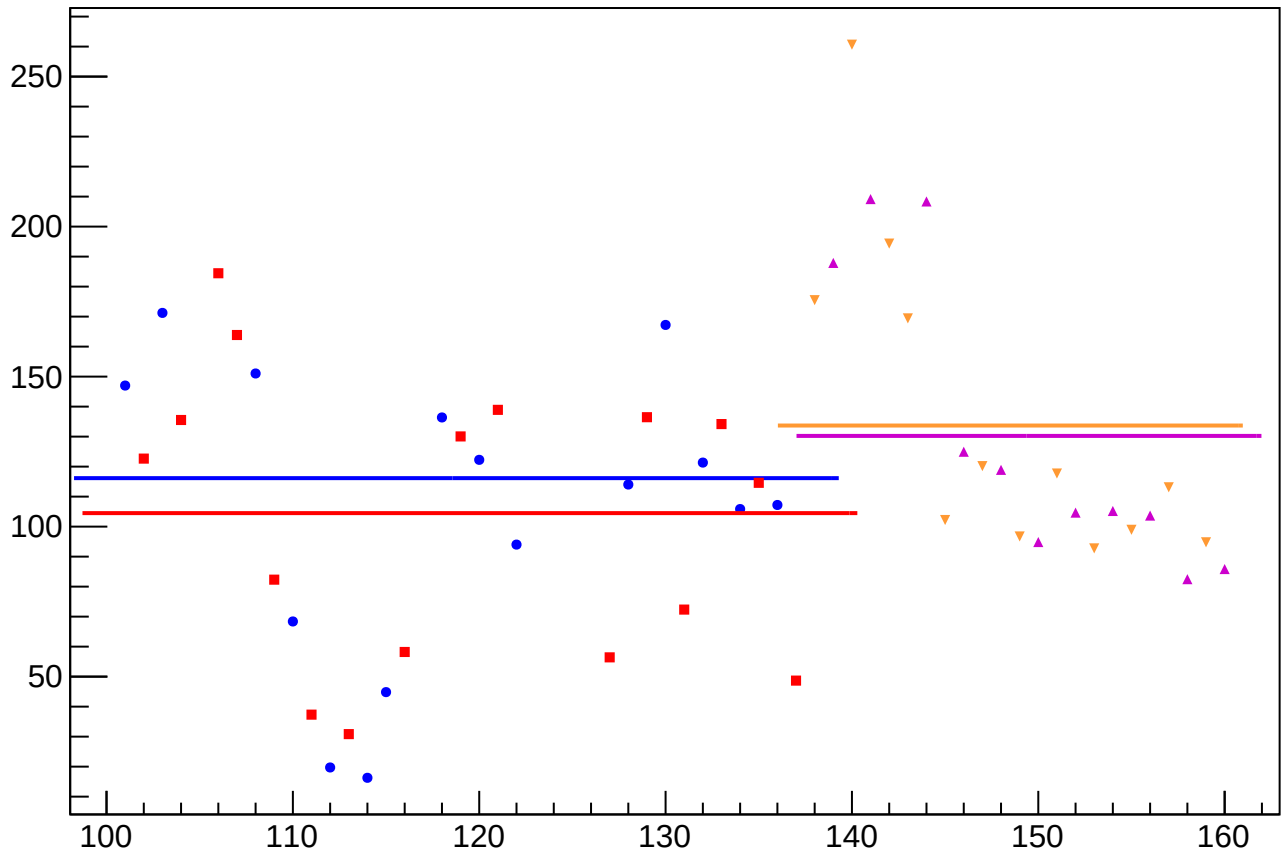
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ sign 1040.809+/-0.000 χ^2/NDF : 22174332894874

All: 996.658+/-0.000 χ^2/NDF : 460055616816

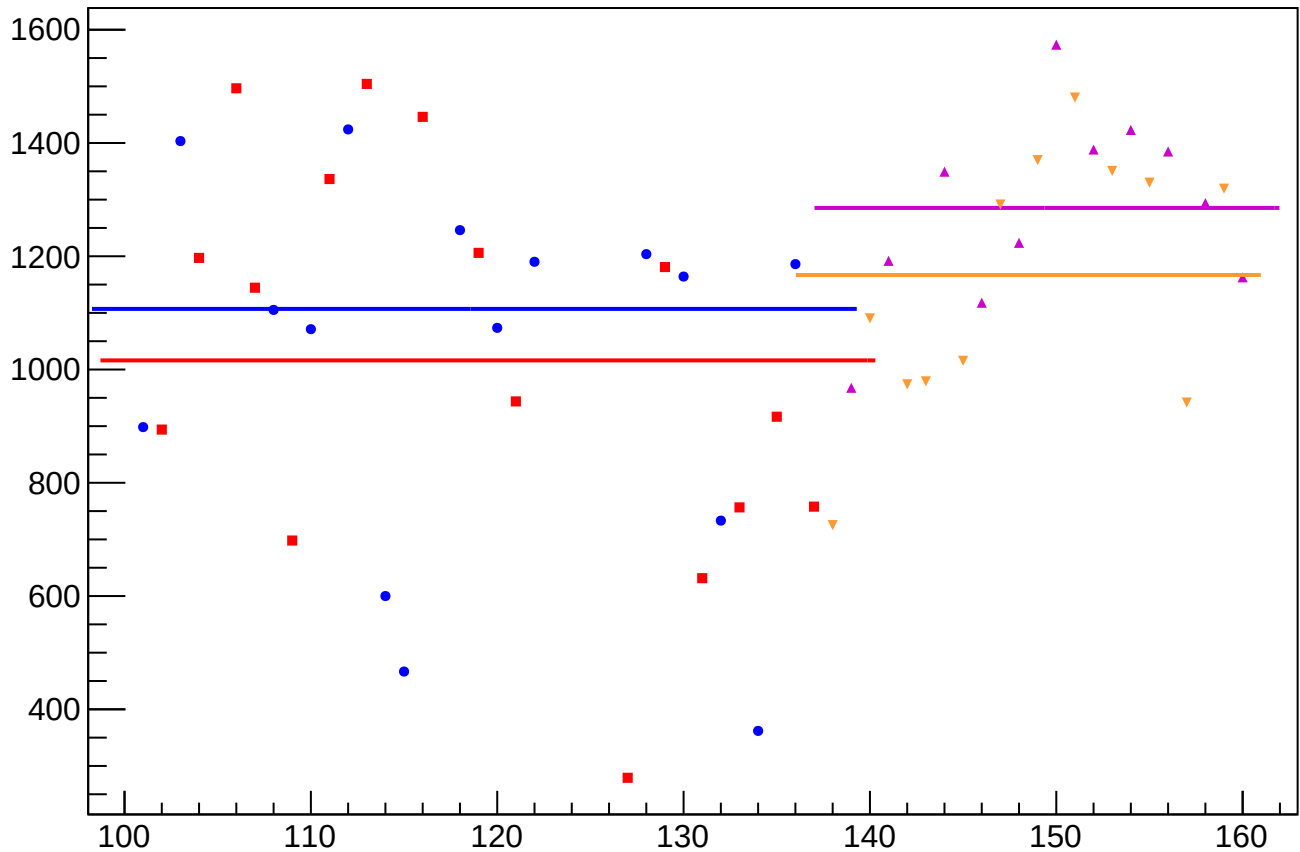
- sign 953.284+/-0.000 χ^2/NDF : 237708288217536

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 133.695+/-0.000 χ^2/NDF : 2332238004384262852879386446827356160.0/11
 Right Out: 104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: 130.237+/-0.000 χ^2/NDF : 1968814259217478663576054483231178752.0/10
 All: 122.900+/-0.000 χ^2/NDF : 719711638238
 + sign 126.414+/-0.000 χ^2/NDF : 364747445092715
 - 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

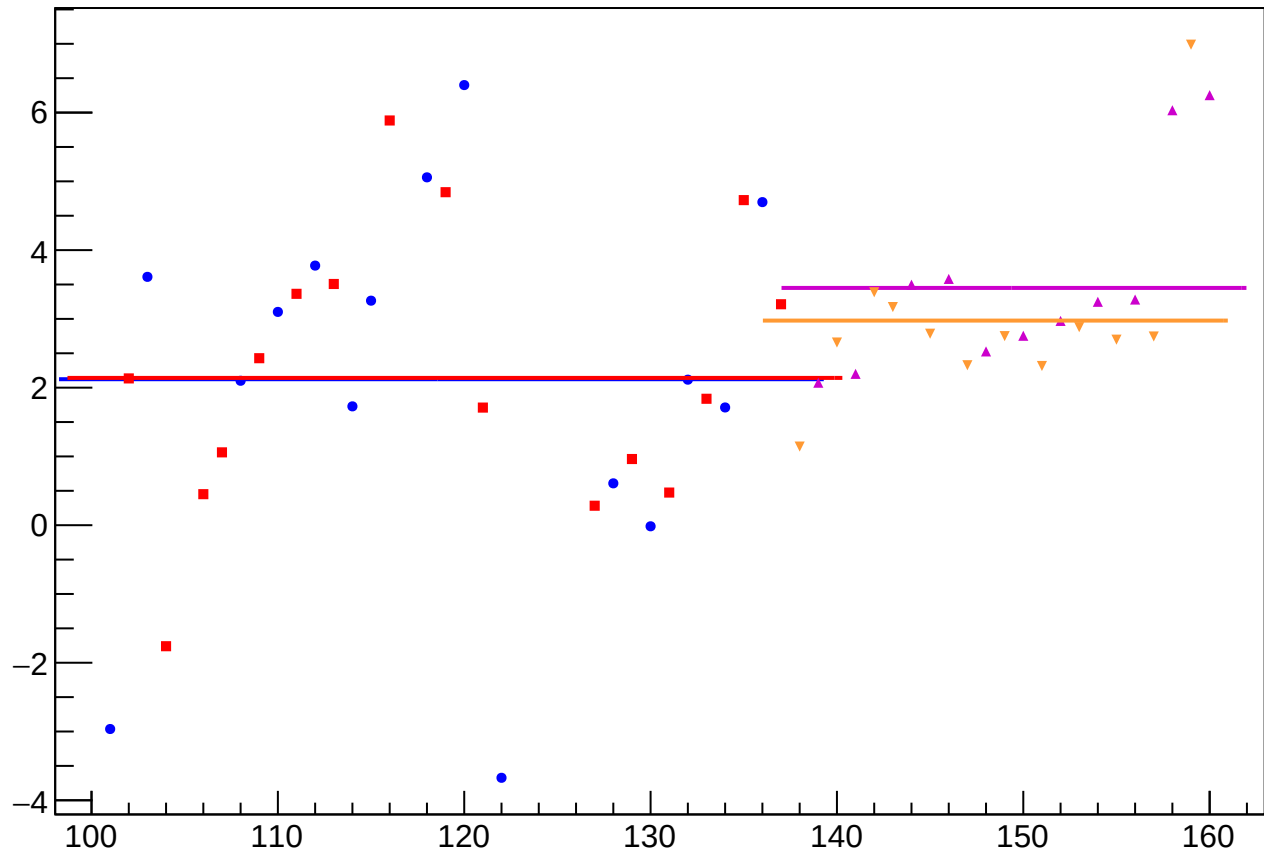
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ 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

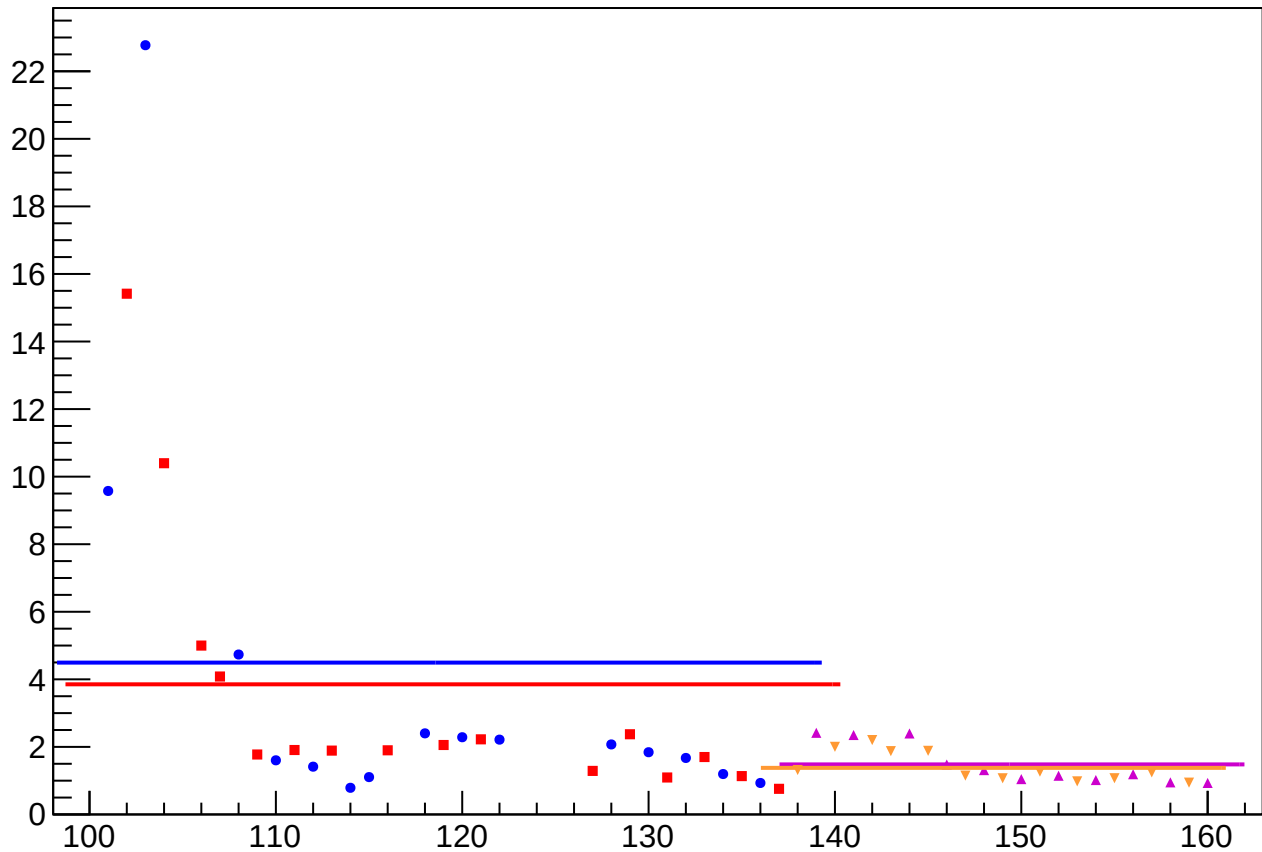
dit_4aX_coil6_mean vs Slug



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

$+ \text{sign } 2.621 \pm 0.000 \quad \chi^2/\text{NDF}: 71926109698373780$
 $\text{All: } 2.763 \pm 0.000 \quad \chi^2/\text{NDF}: 11942737584809$
 $- \text{sign } 2.902 \pm 0.000 \quad \chi^2/\text{NDF}: 46881653143346508$

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14

Left Out: 1.379 $\pm$ 0.000 χ^2 /NDF: 150384329501224226849656085151744.0/11

Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15

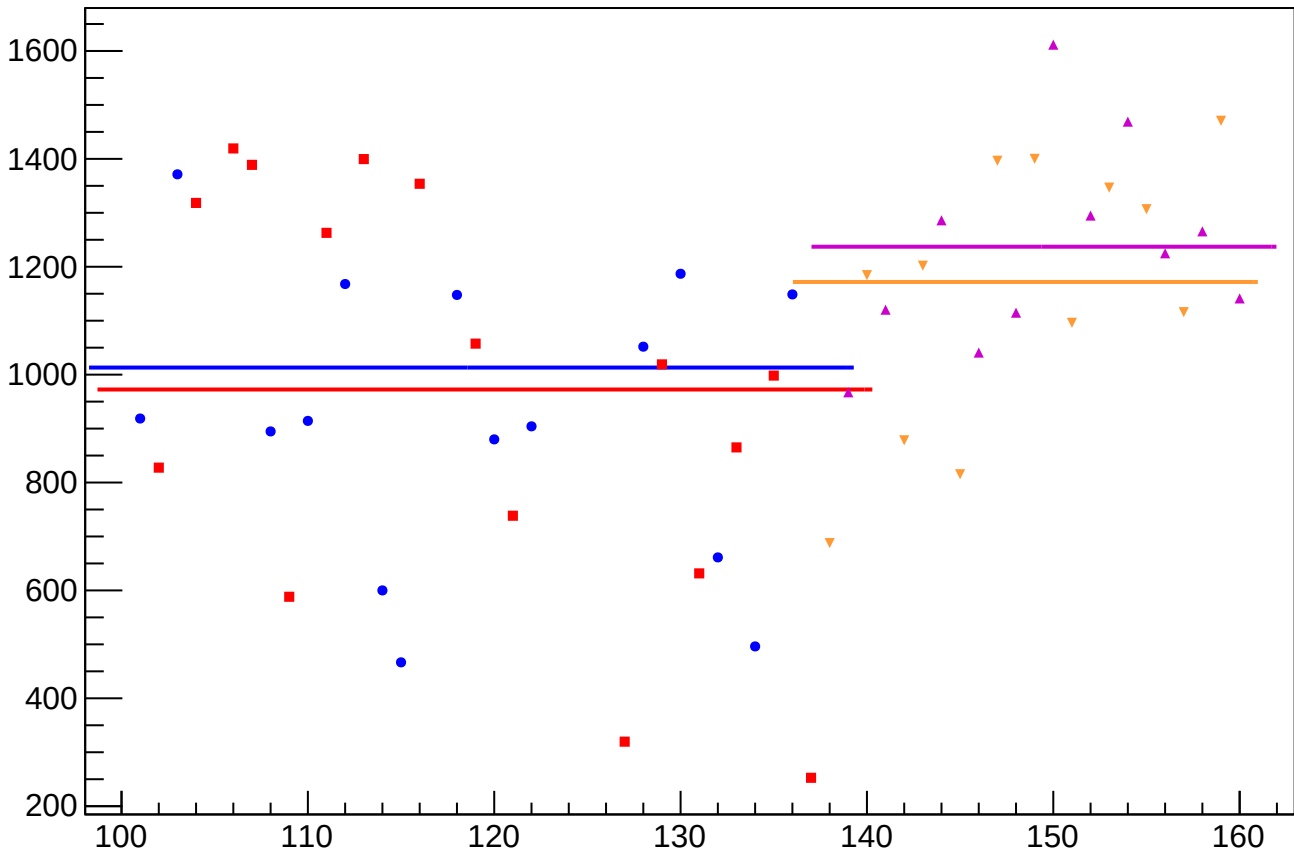
Left In: 1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10

+ sign 2.673 $\pm$ 0.000 χ^2 /NDF: 29105436808146683

All: 2.573 $\pm$ 0.000 χ^2 /NDF: 43938576112447

- sign 2.476 $\pm$ 0.000 χ^2 /NDF: 14802405912641910

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

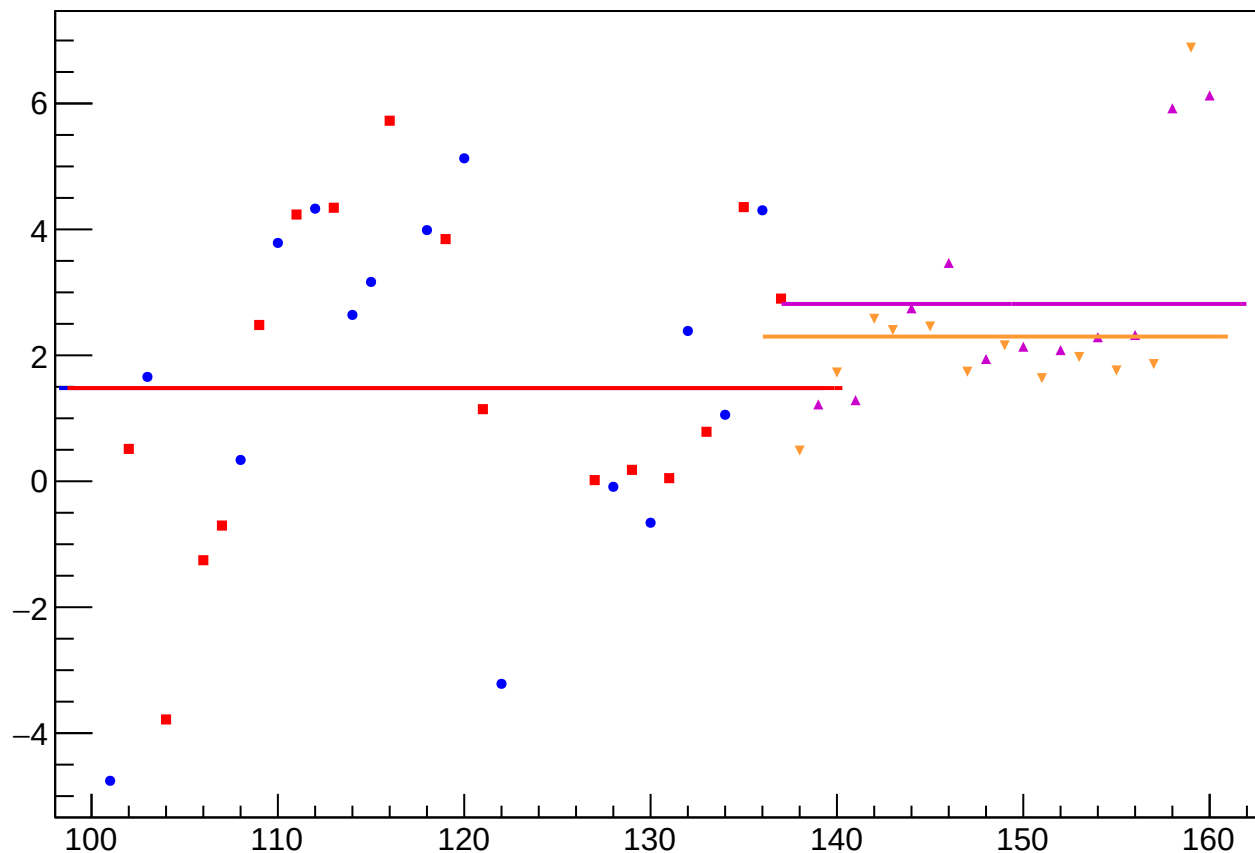
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

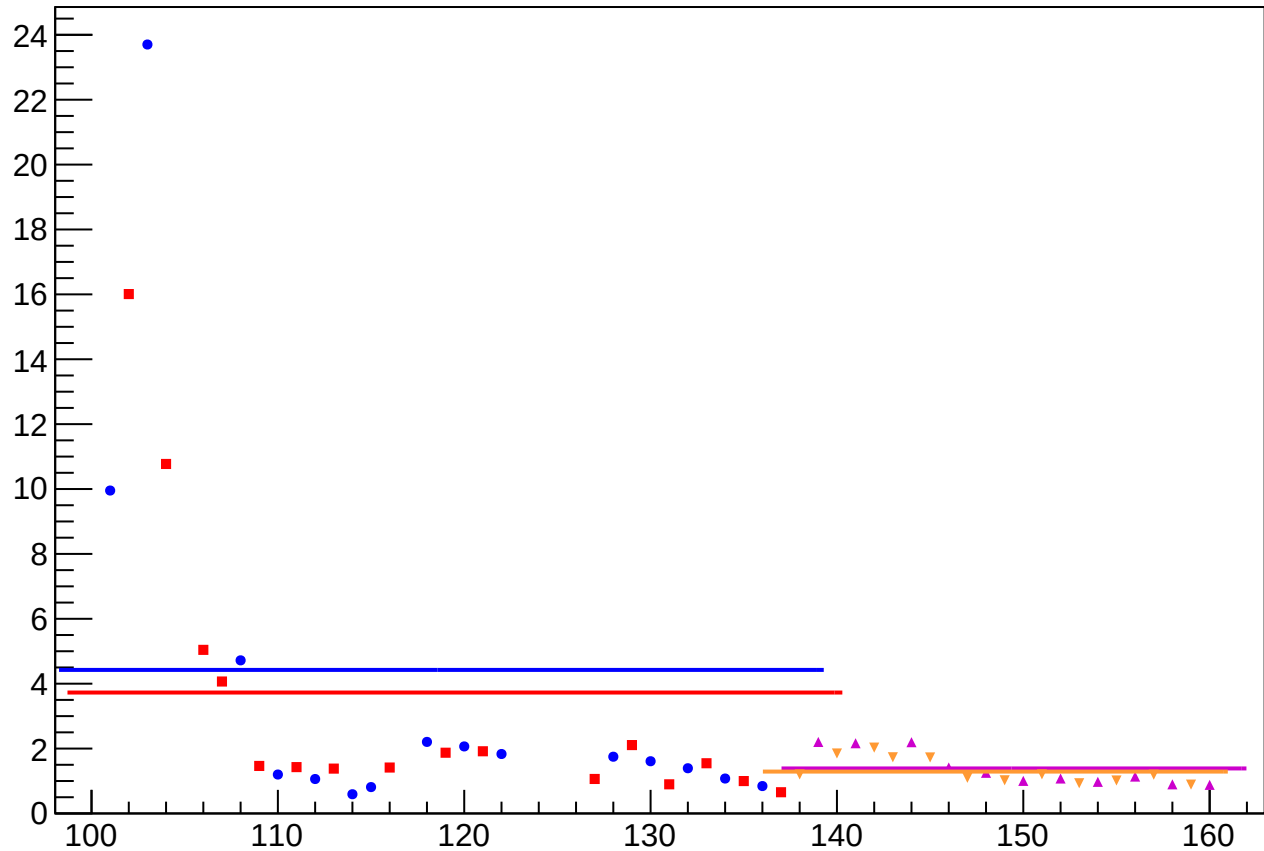
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Left Out: 2.298+/-0.000 χ^2/NDF : 2079870991739780462593334803693568.0/11
 Right Out: 1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15
 Left In: 2.816+/-0.000 χ^2/NDF : 2230790234579581781884760219451392.0/10

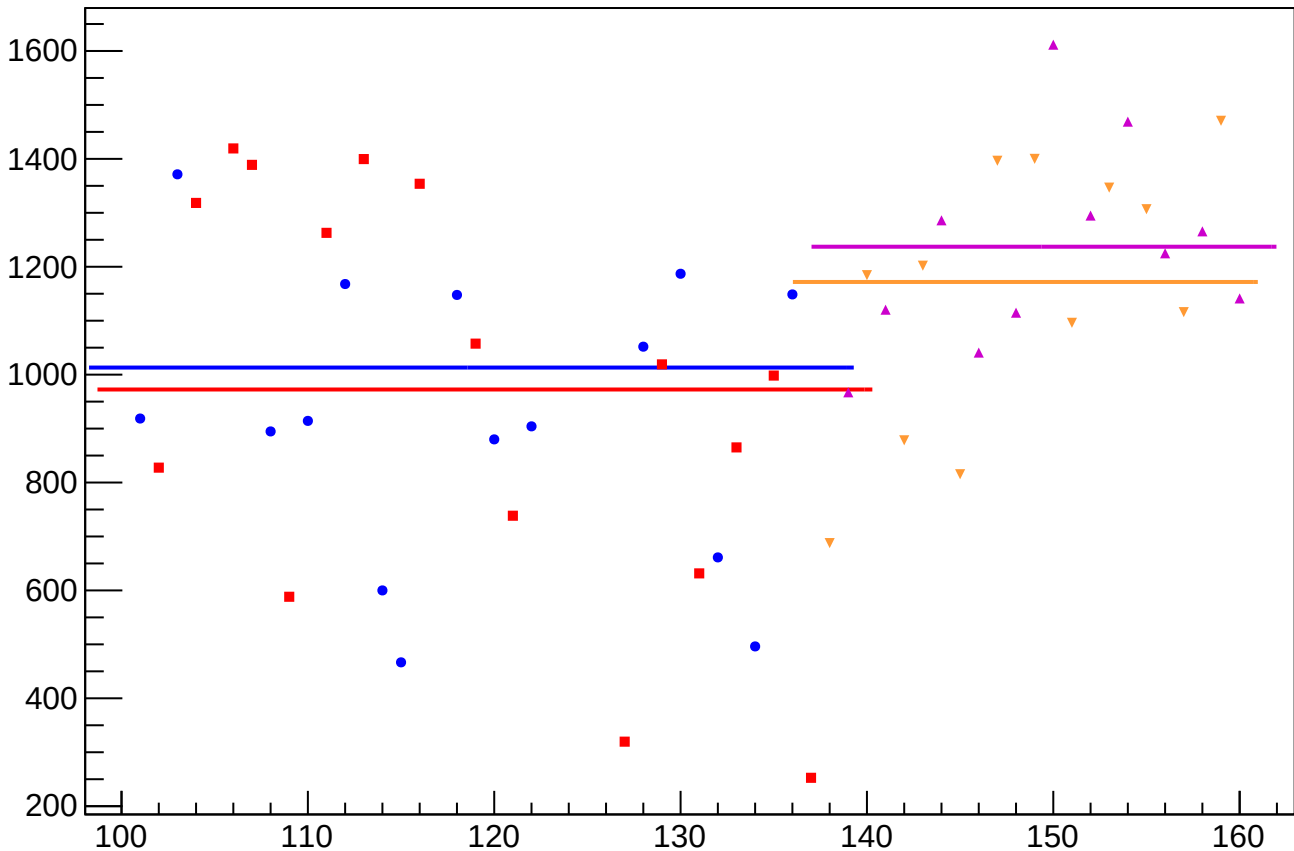
dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000	χ^2/NDF : 28257459272876210608839830473277440.0/14
Left Out: 1.291+/-0.000	χ^2/NDF : 119201725618452190917490324275200.0/11
Right Out: 3.727+/-0.000	χ^2/NDF : 13991816814749842519794284853460992.0/15
Left In: 1.387+/-0.000	χ^2/NDF : 245381205913734368947829561360384.0/10

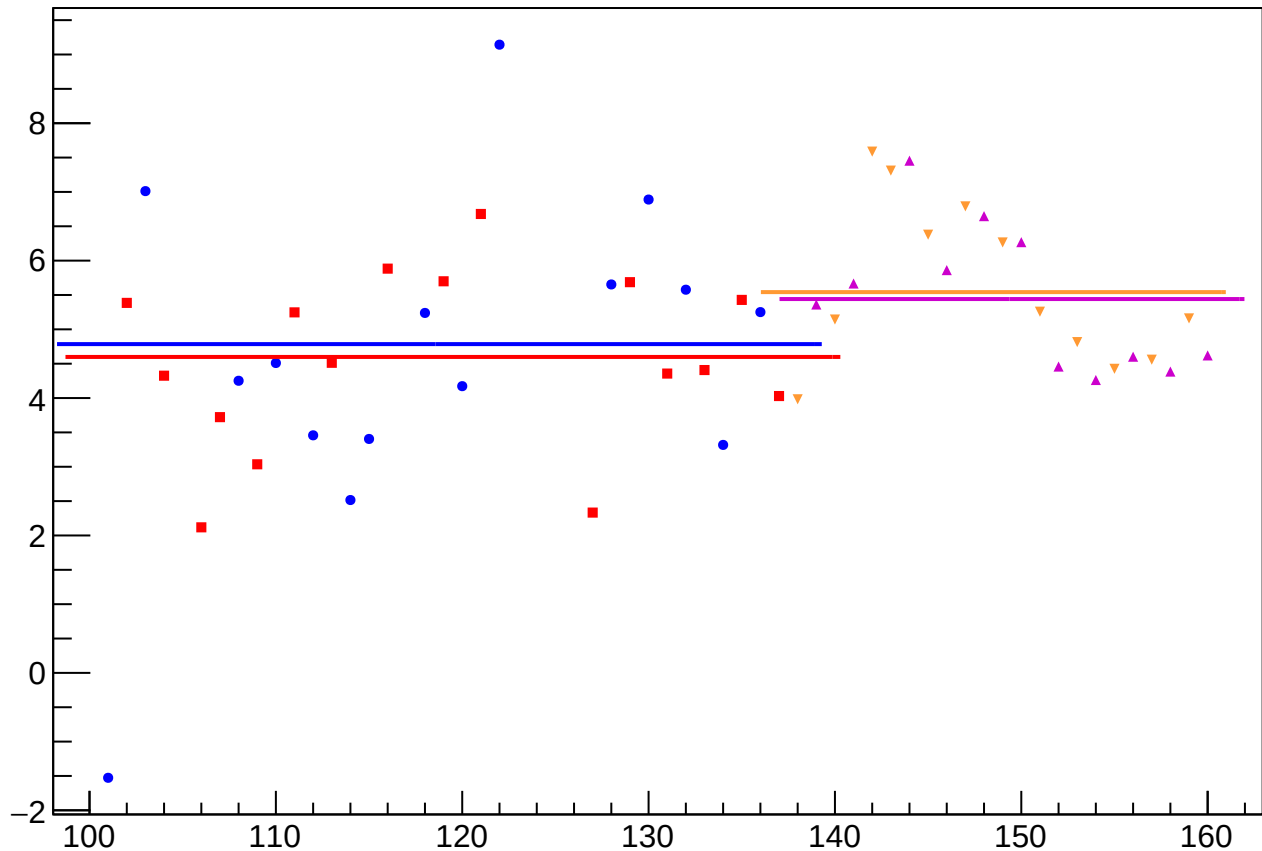
+ sign 2.592+/-0.000 χ^2/NDF : 32103516119977359
 All: 2.479+/-0.000 χ^2/NDF : 48501017381547
 - sign 2.368+/-0.000 χ^2/NDF : 16358007863357496

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_11X12X_coil6_mean vs Slug



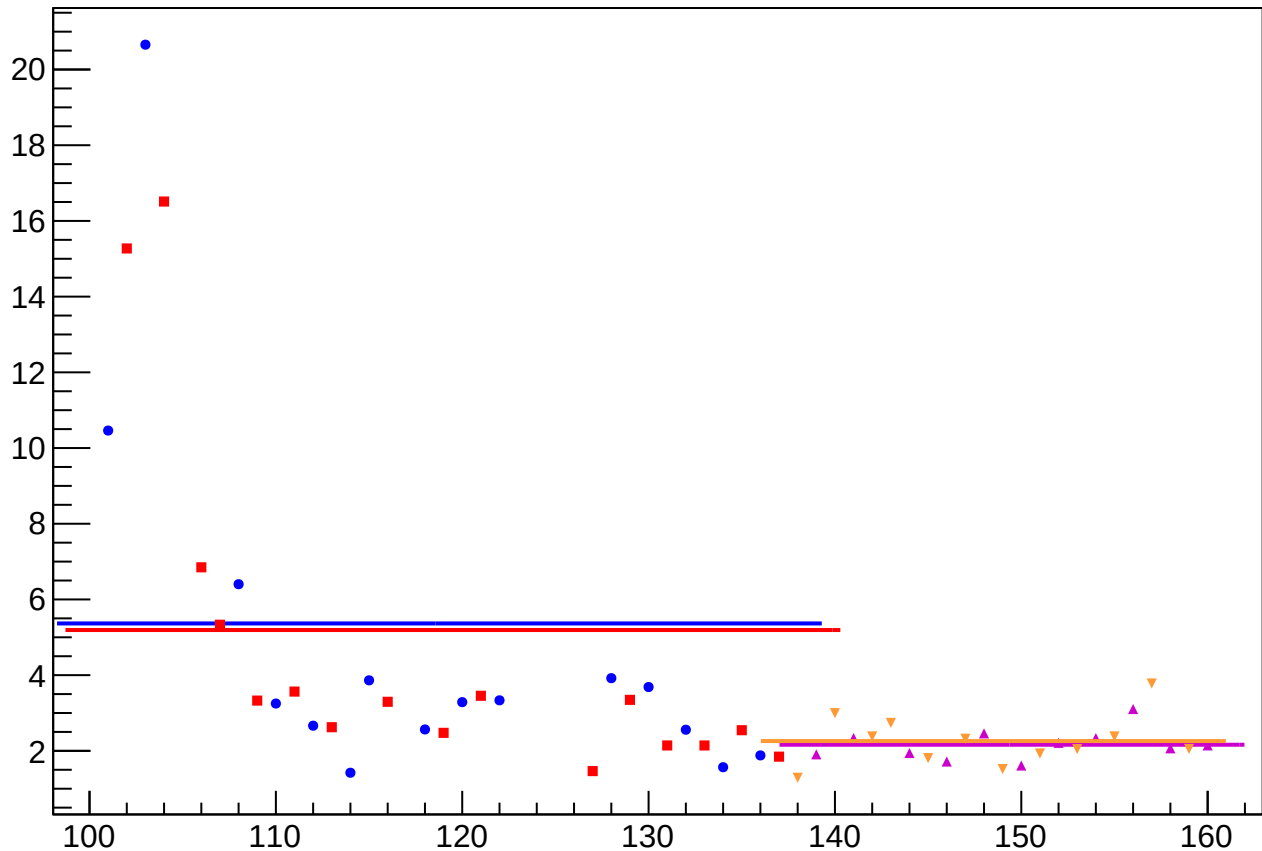
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.542+/-0.000 χ^2/NDF : 1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

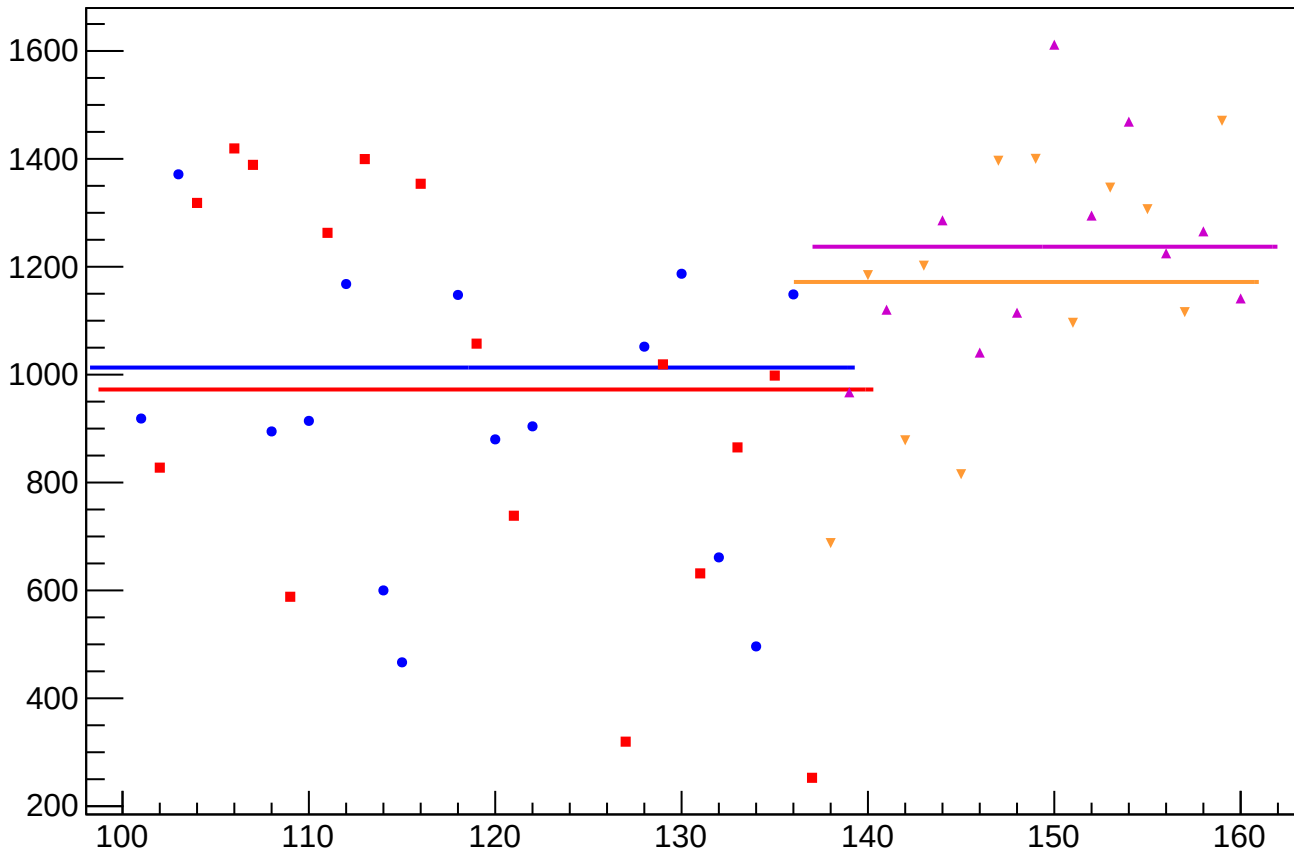
Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14
 Left Out: 2.259+/-0.000 χ^2/NDF : 395399614951959116127821516242944.0/11
 Right Out: 5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15
 Left In: 2.162+/-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

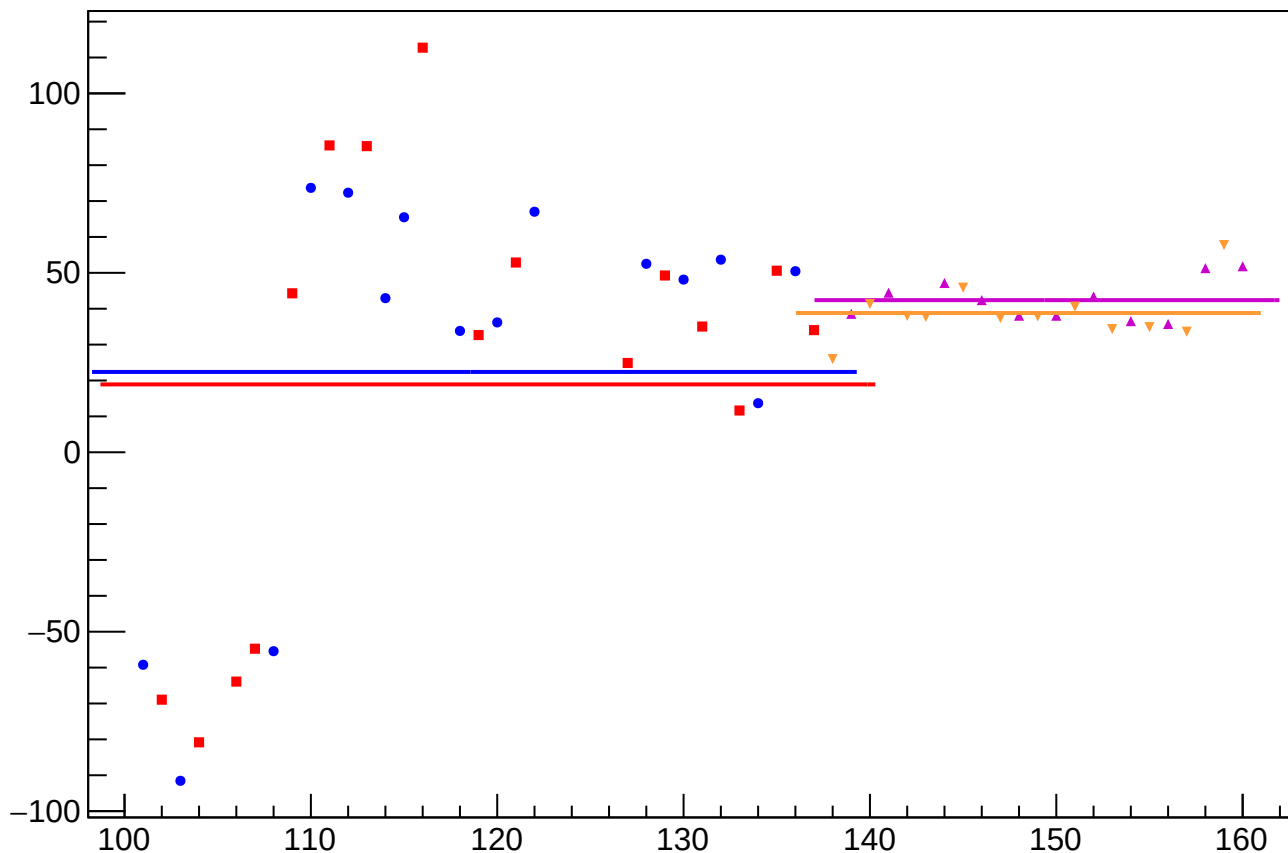
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 38.806+/-0.000 χ^2/NDF : 51649905292188588204172531766132736.0/11

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

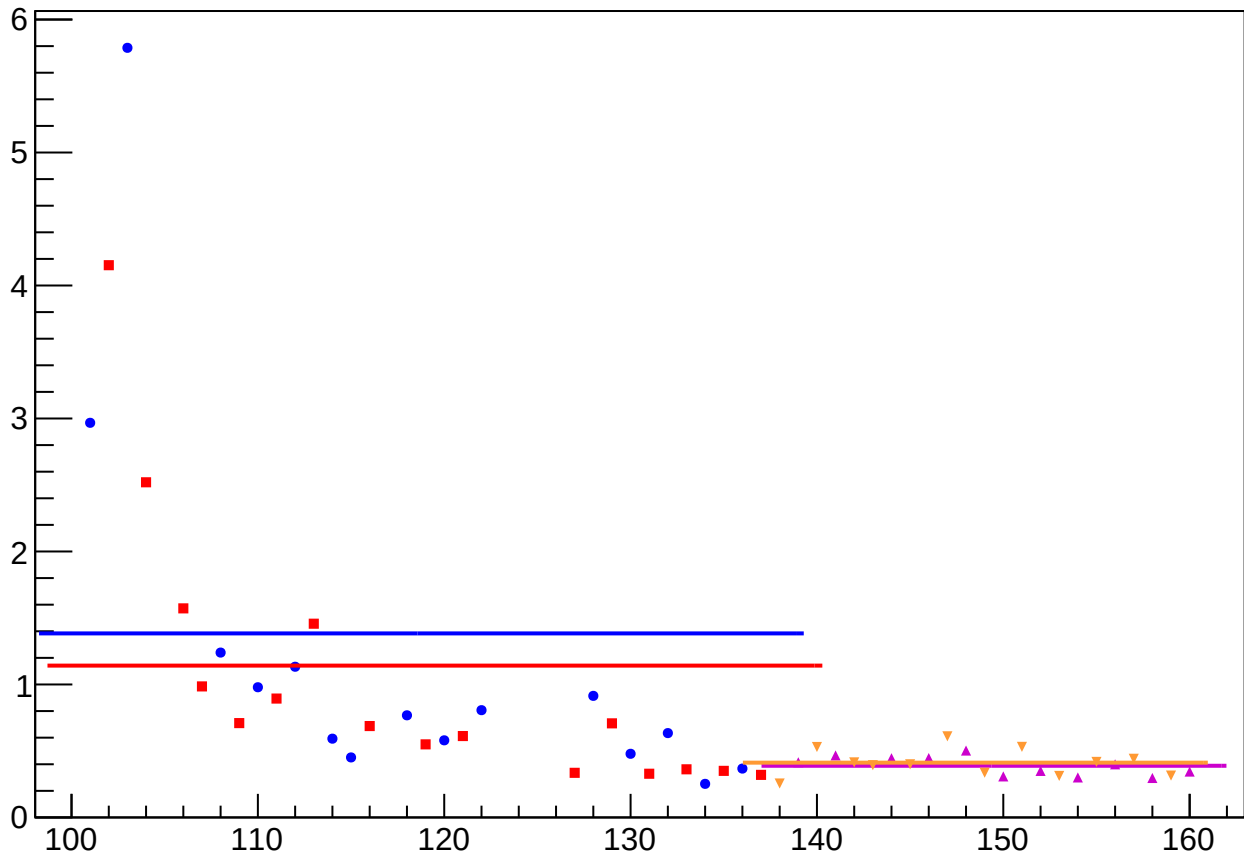
Left In: 42.386+/-0.000 χ^2/NDF : 26555660128562986553016927486214144.0/10

+ sign 31.987+/-0.000 χ^2/NDF : 2076251683338392

All: 32.268+/-0.000 χ^2/NDF : 4498818256205

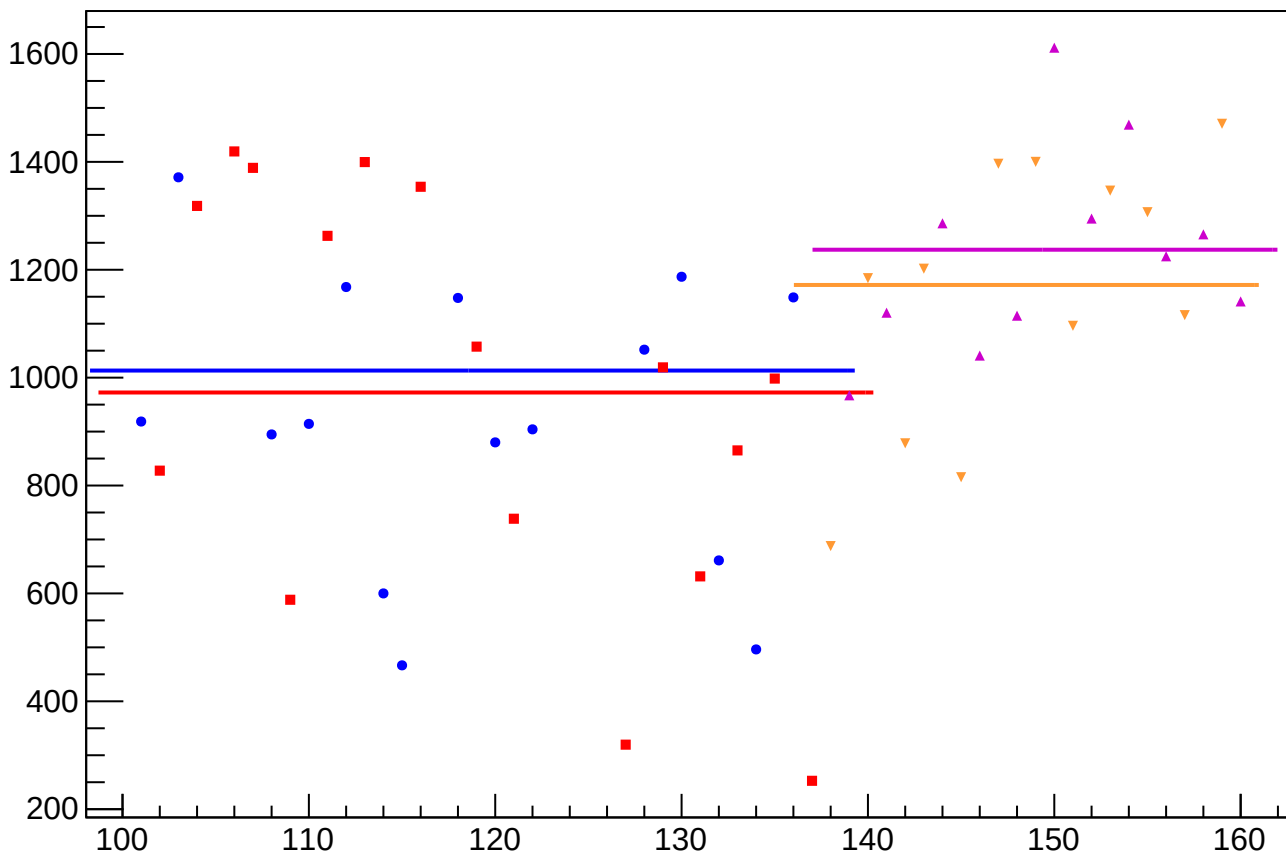
- sign 32.543+/-0.000 χ^2/NDF : 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384 ± 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.412 ± 0.000 χ^2/NDF : 9382414275472018674983467220992.0/11
 Right Out: 1.142 ± 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: 0.389 ± 0.000 χ^2/NDF : 4468112130112640641394154668032.0/10

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

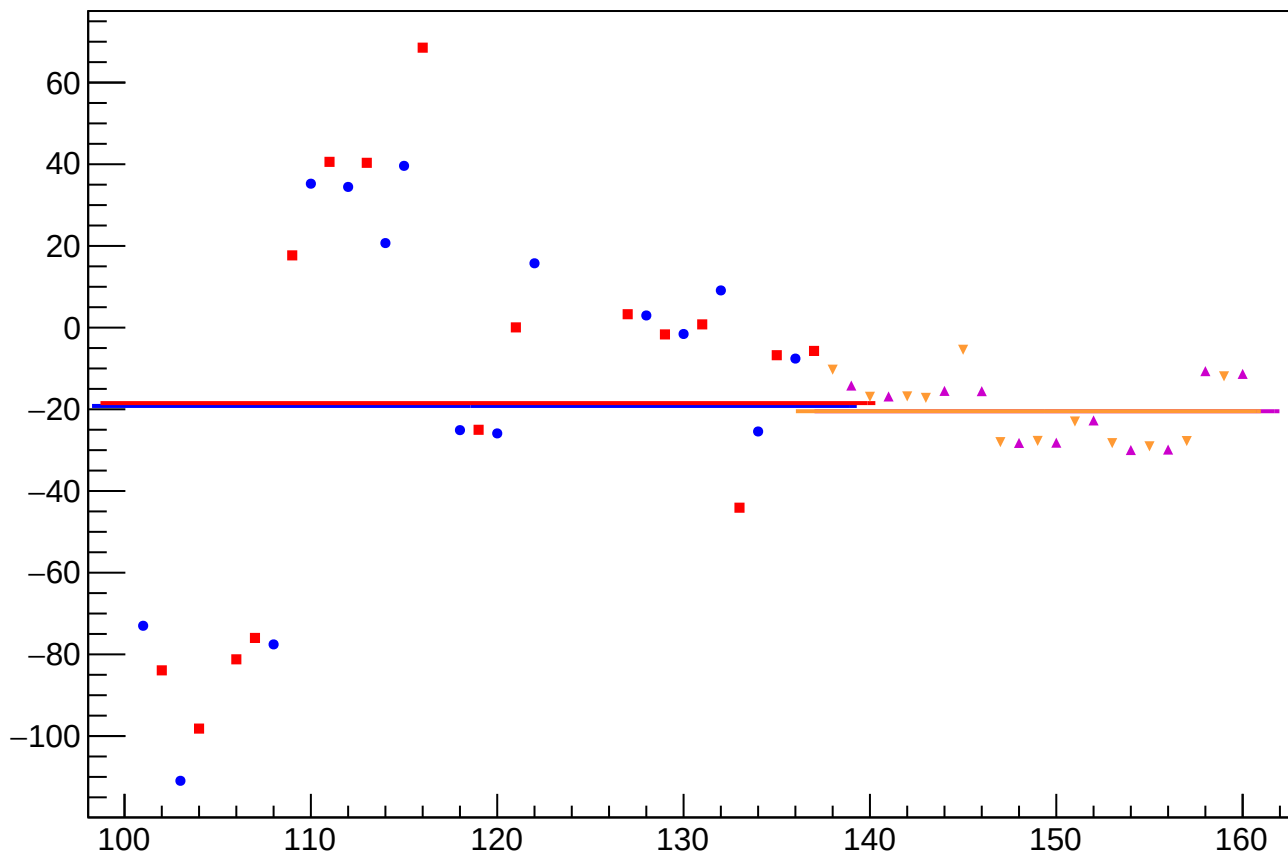
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000

χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -20.466+/-0.000

χ^2/NDF : 58628381923673457294433589512896512.0/11

Right Out: -18.479+/-0.000

χ^2/NDF : 1489398115046175180640331393369374720.0/15

Left In: -20.473+/-0.000

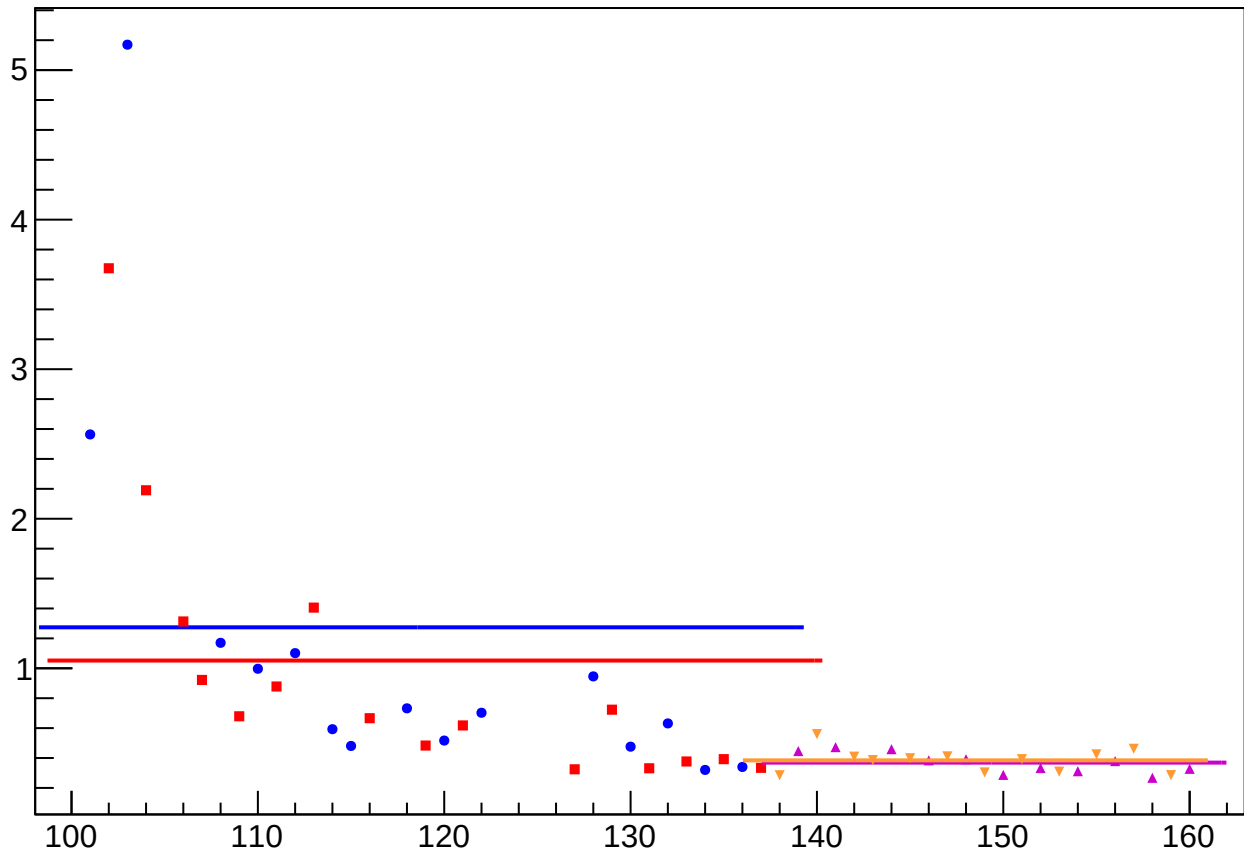
χ^2/NDF : 48484953363349820110348478937300992.0/10

+ sign -19.930+/-0.000 χ^2/NDF : 130562508565939

All: -19.782+/-0.000 χ^2/NDF : 284511592850

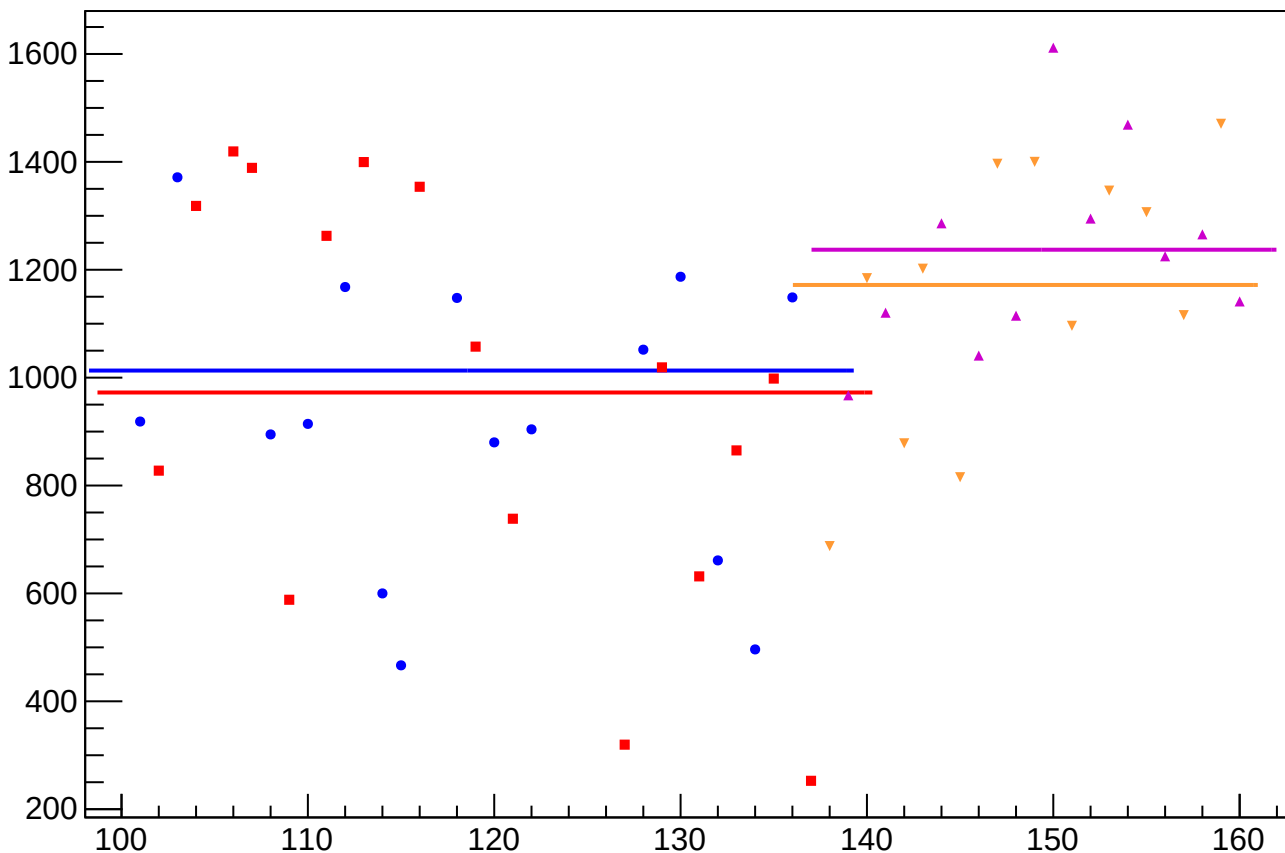
- sign -19.637+/-0.000 χ^2/NDF : 1539423306551337

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.384 ± 0.000 χ^2/NDF : 5822322029078598268260129439744.0/11
 Right Out: 1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: 0.369 ± 0.000 χ^2/NDF : 4166350638848138676707816112128.0/10

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

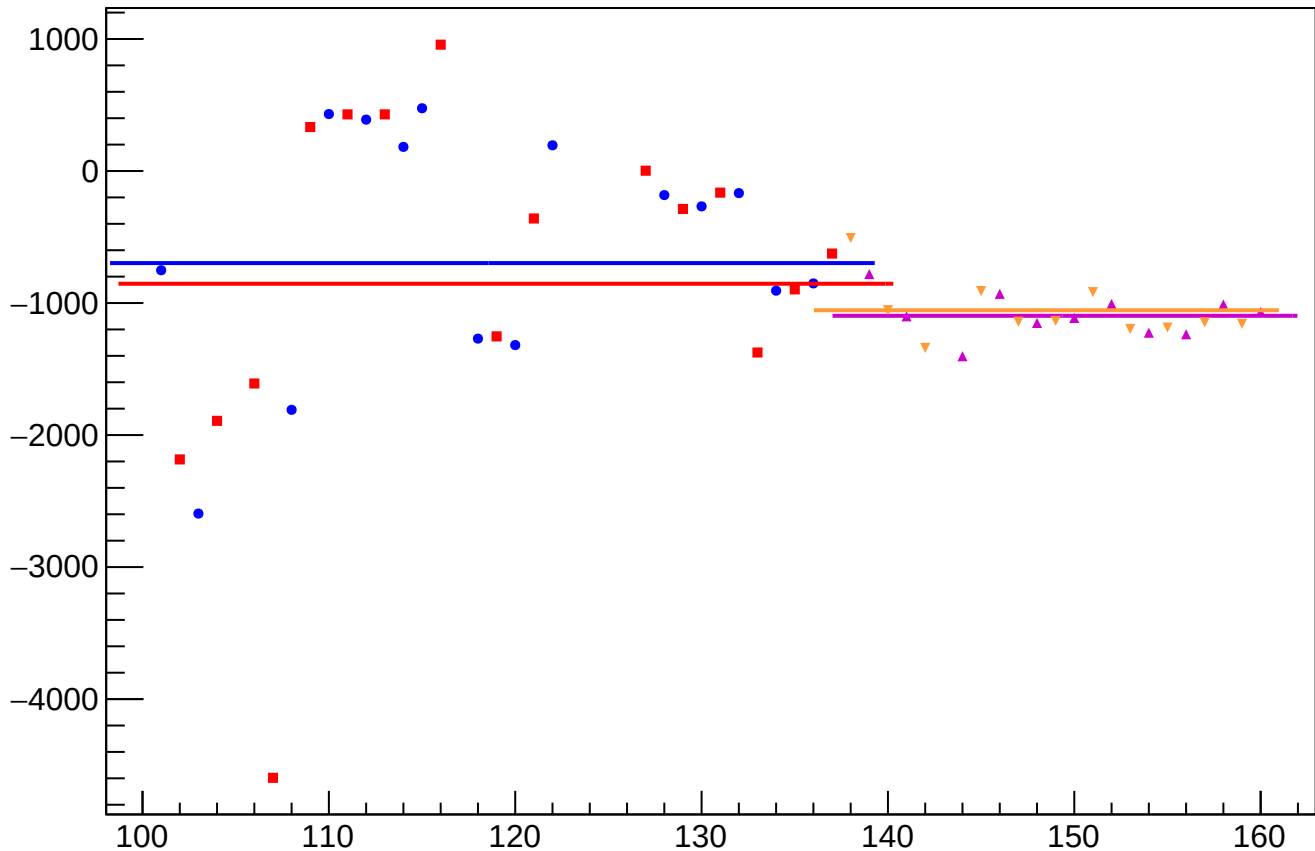
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

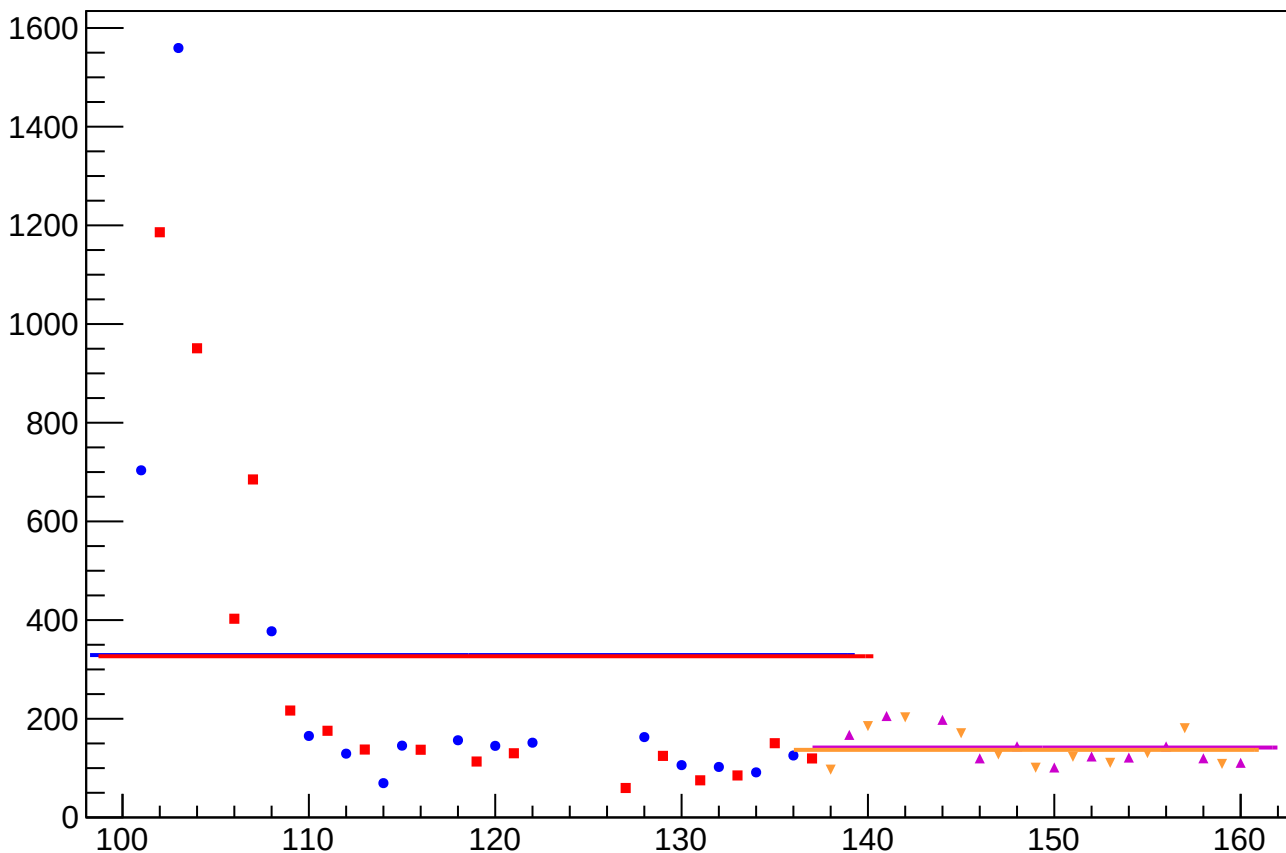
dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000	χ^2/NDF : 490435790698133828475769692944364208128.0/14
Left Out: -1054.675+/-0.000	χ^2/NDF : 35893414561751289831028004535805149184.0/10
Right Out: -853.734+/-0.000	χ^2/NDF : 1078379020126412317155932275156201766912.0/15
Left In: -1096.508+/-0.000	χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ sign -899.630+/-0.000 χ^2/NDF : 57326318903301
 All: -948.643+/-0.000 χ^2/NDF : 17048438468
 - sign -994.729+/-0.000 χ^2/NDF : 11246076469589

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 137.012+/-0.000 χ^2/NDF : 1014362817438194132709655172622581760.0/10

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

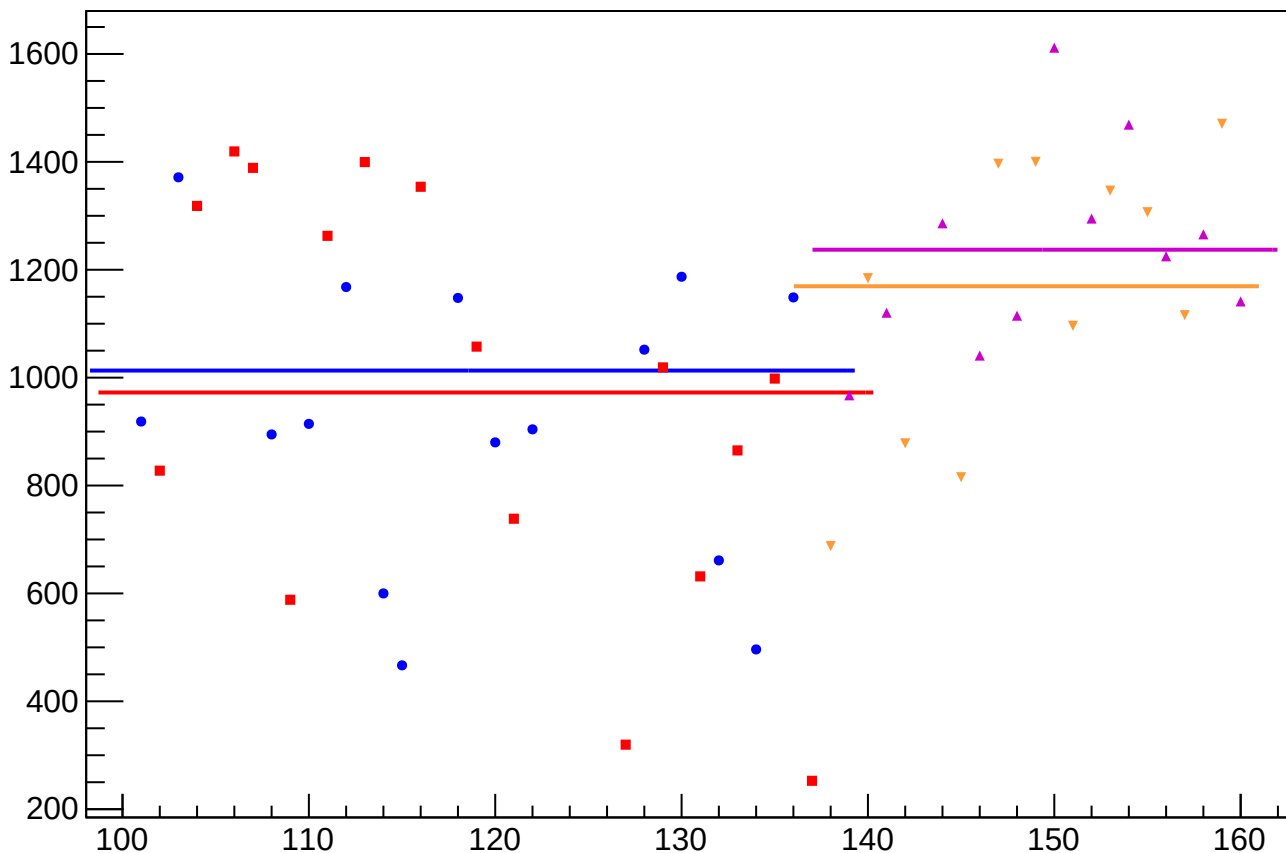
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 220.348+/-0.000 χ^2/NDF : 131437286987264

All: 219.782+/-0.000 χ^2/NDF : 233310972456

- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF : 52359058528484212152975817930553950208.0/10

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

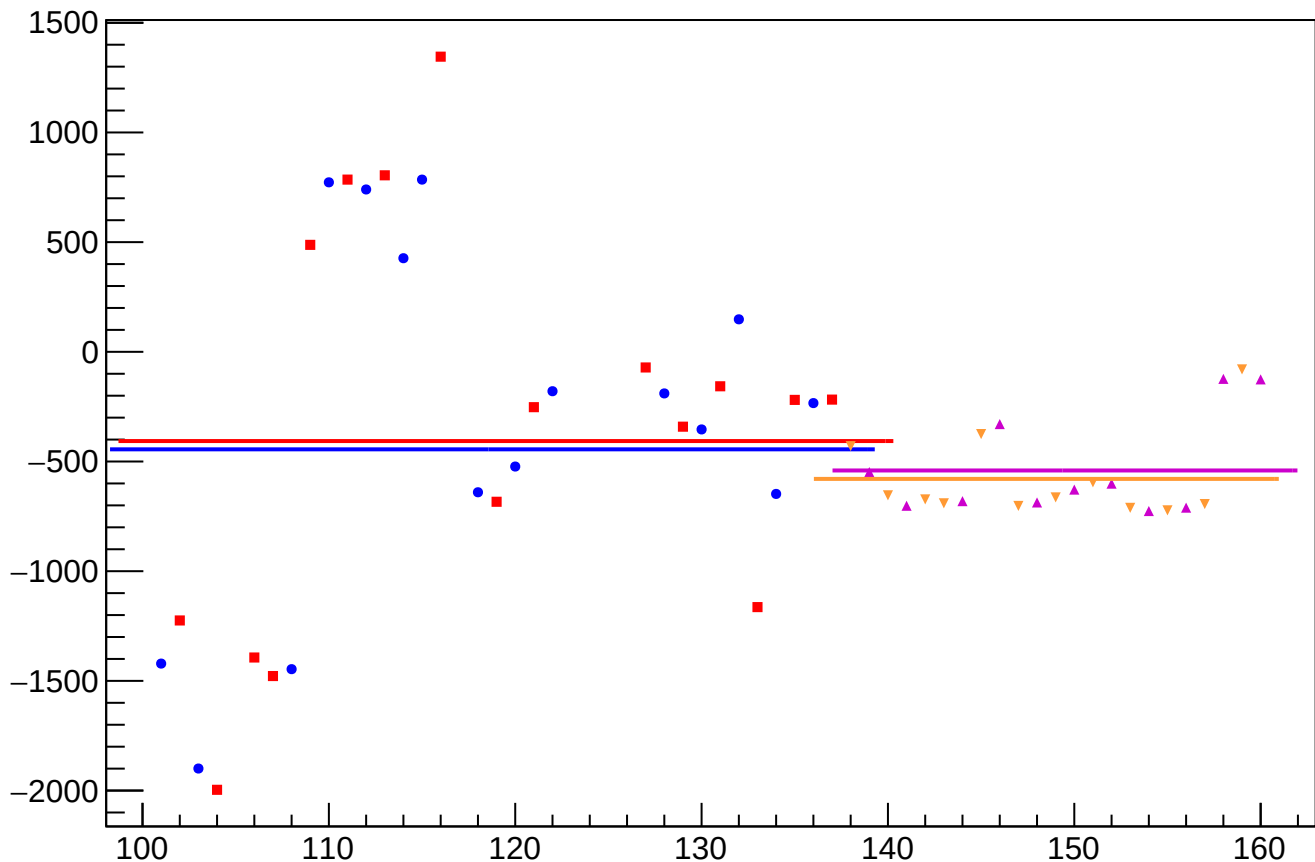
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1101.625+/-0.000 χ^2/NDF : 93053988598295

All: 1114.283+/-0.000 χ^2/NDF : 22986564555

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

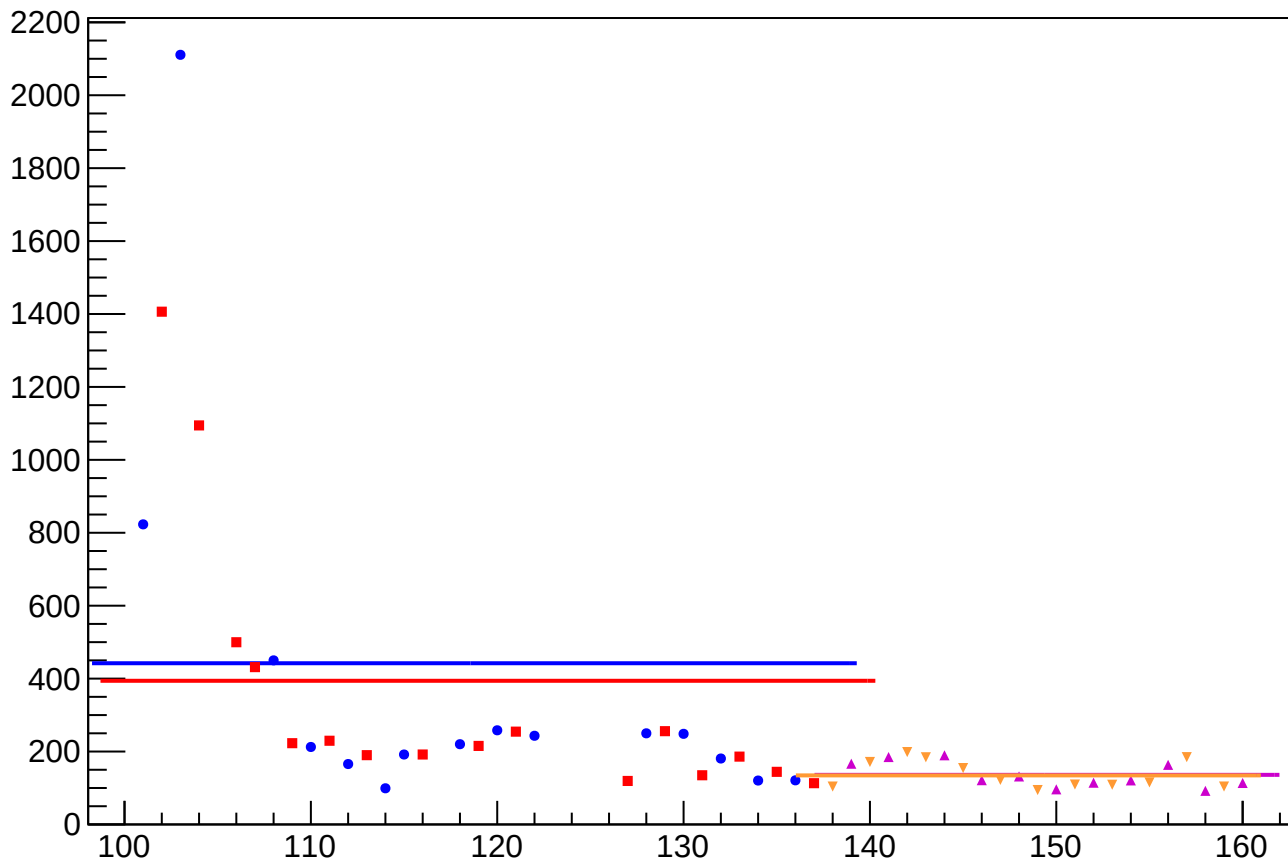
dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000	χ^2/NDF : 396481903501593703066535851229953654784.0/14
Left Out: -579.272+/-0.000	χ^2/NDF : 32584581524528860941595597407042666496.0/11
Right Out: -406.729+/-0.000	χ^2/NDF : 529122421866774810012941782239129108480.0/15
Left In: -540.842+/-0.000	χ^2/NDF : 42670193317497817911030367466366697472.0/10

+ sign -523.316+/-0.000 χ^2/NDF : 43595864947593
 All: -503.795+/-0.000 χ^2/NDF : 10158993354
 - sign -484.617+/-0.000 χ^2/NDF : 578759927131057

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562+/-0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

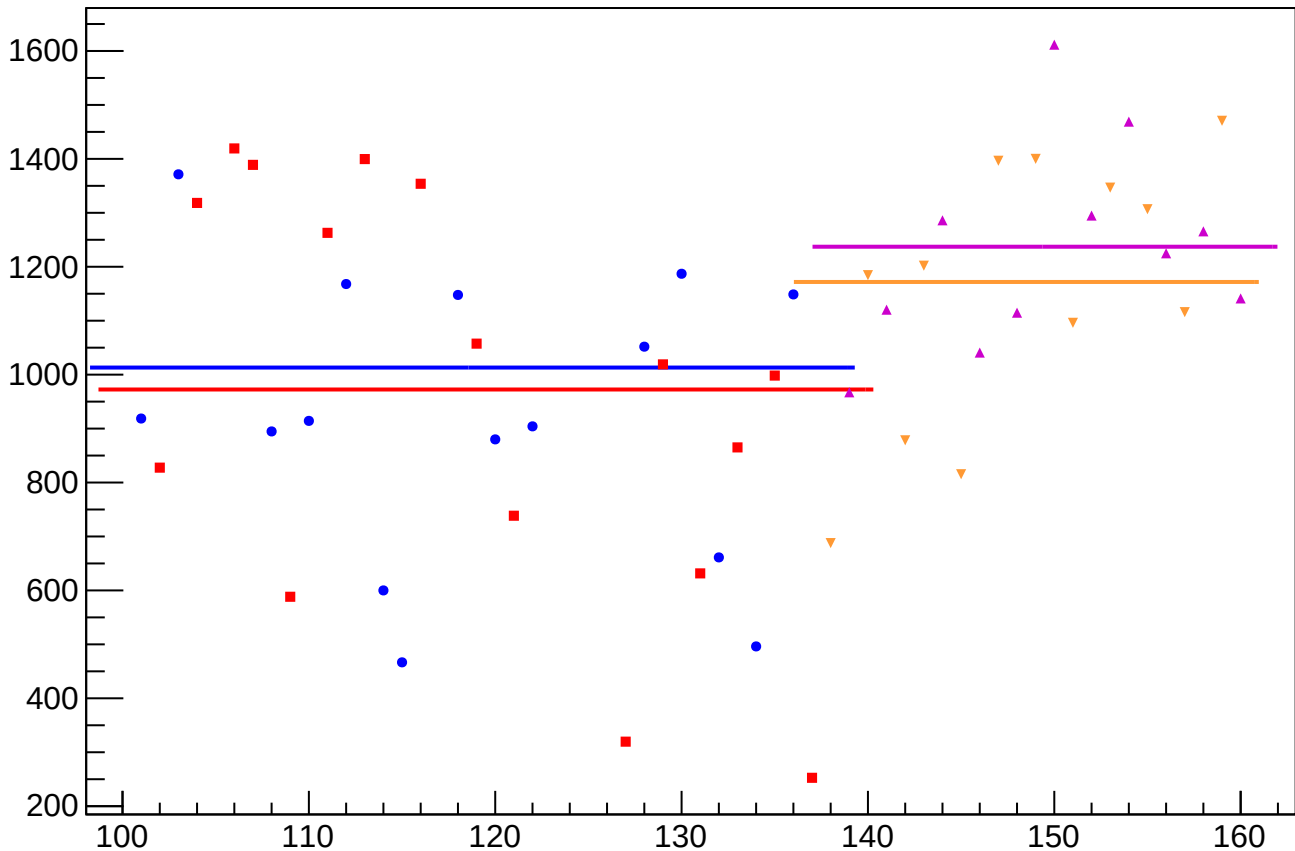
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286+/-0.000 χ^2/NDF : 241048188566854

All: 253.162+/-0.000 χ^2/NDF : 37398353308

- sign 244.199+/-0.000 χ^2/NDF : 132677424429000

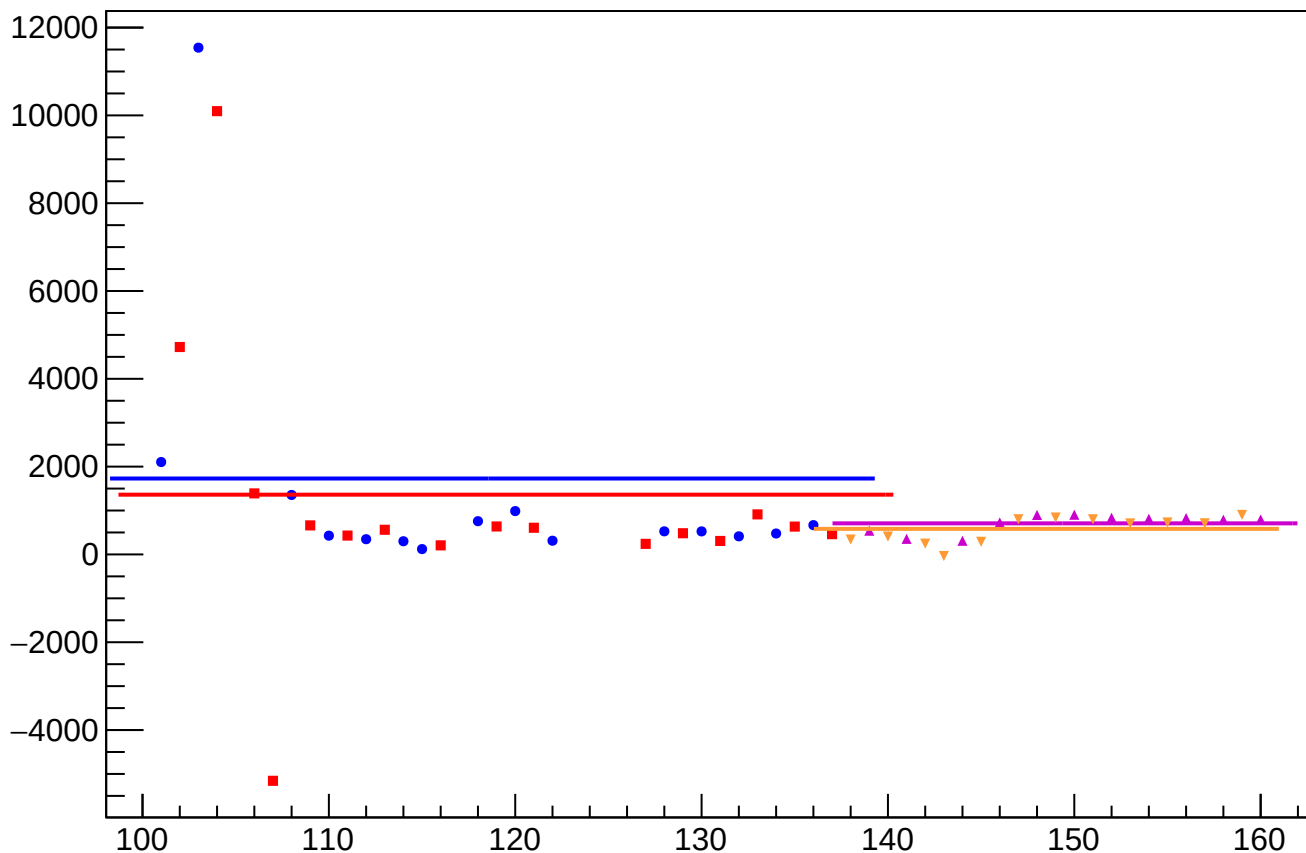
dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 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

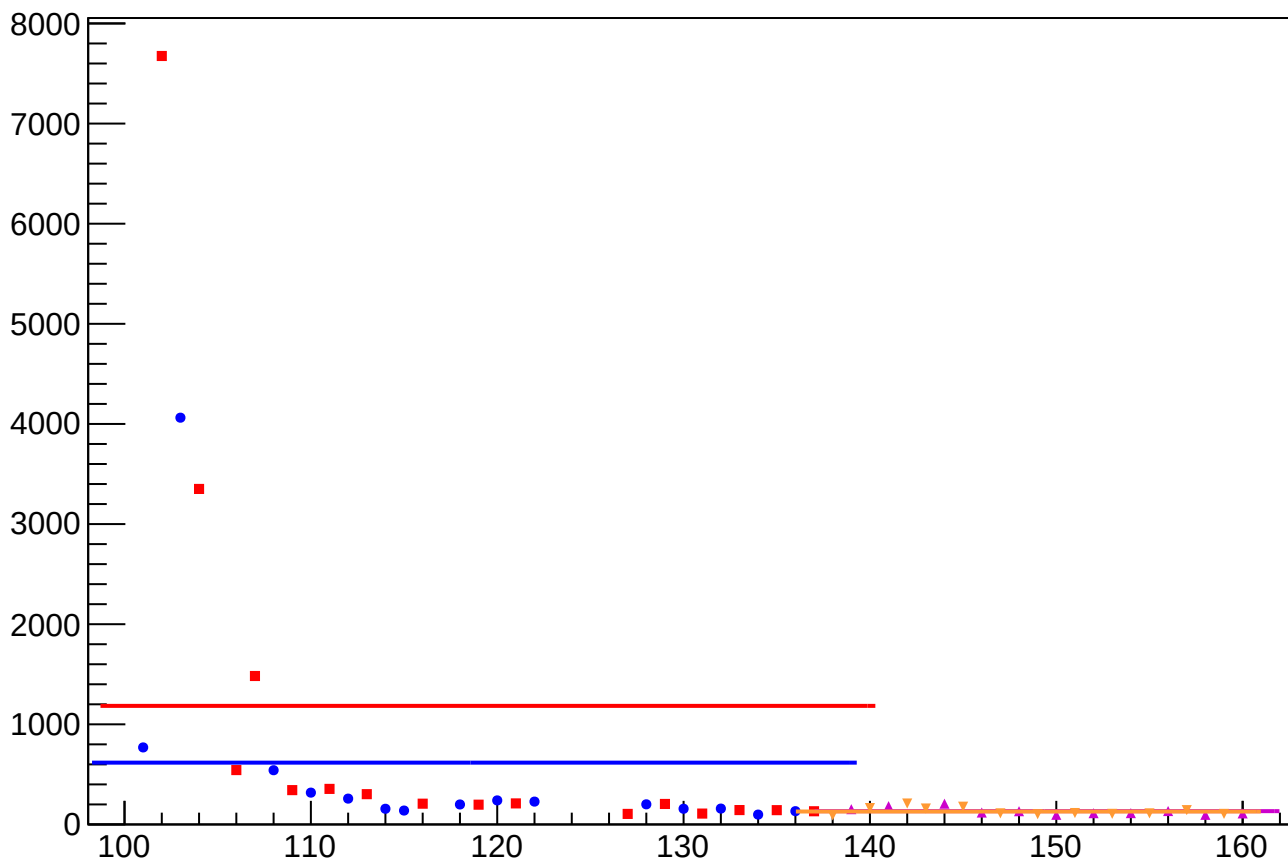
+ sign 1105.927 ± 0.000 χ^2/NDF : 93699894673441
 All: 1116.146 ± 0.000 χ^2/NDF : 23037003763
 - sign 1126.185 ± 0.000 χ^2/NDF : 13634656733460

dit_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



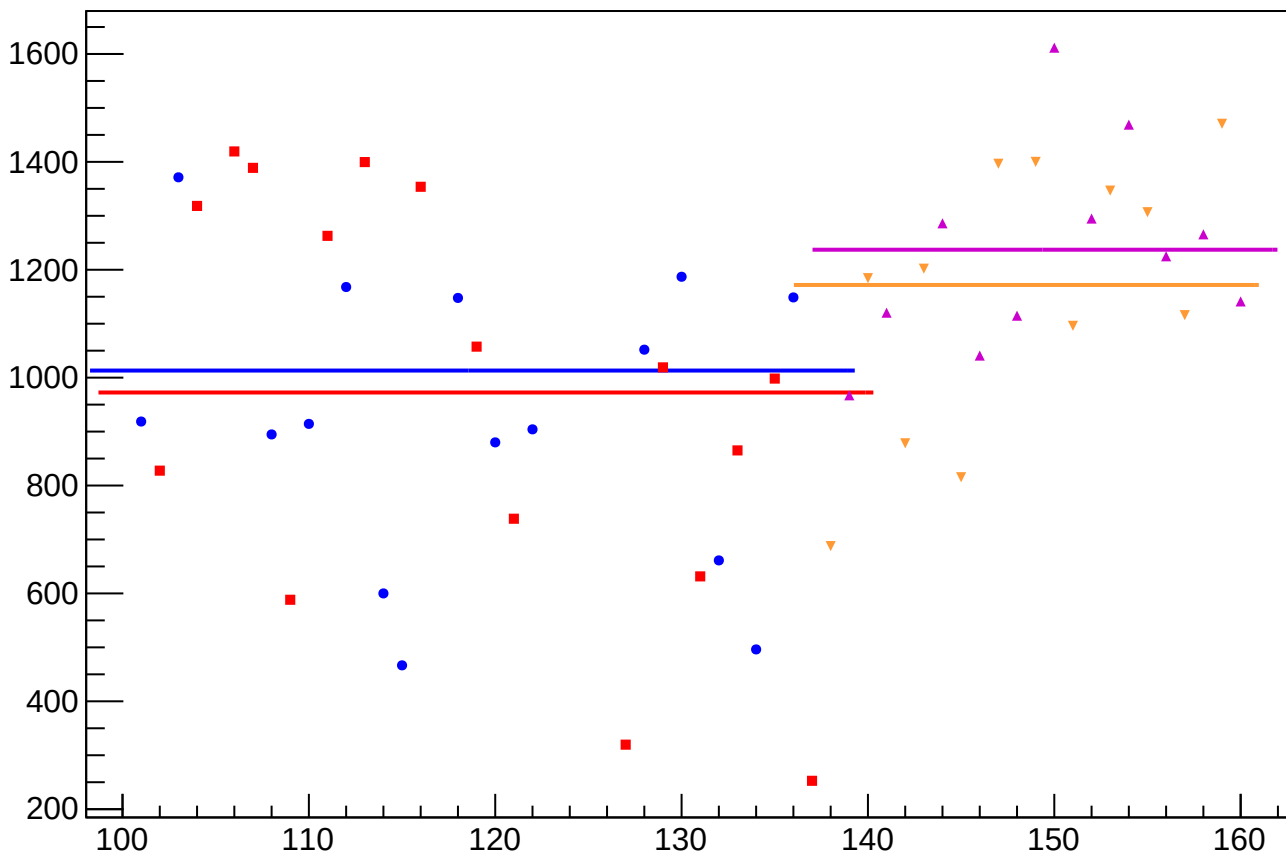
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

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

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

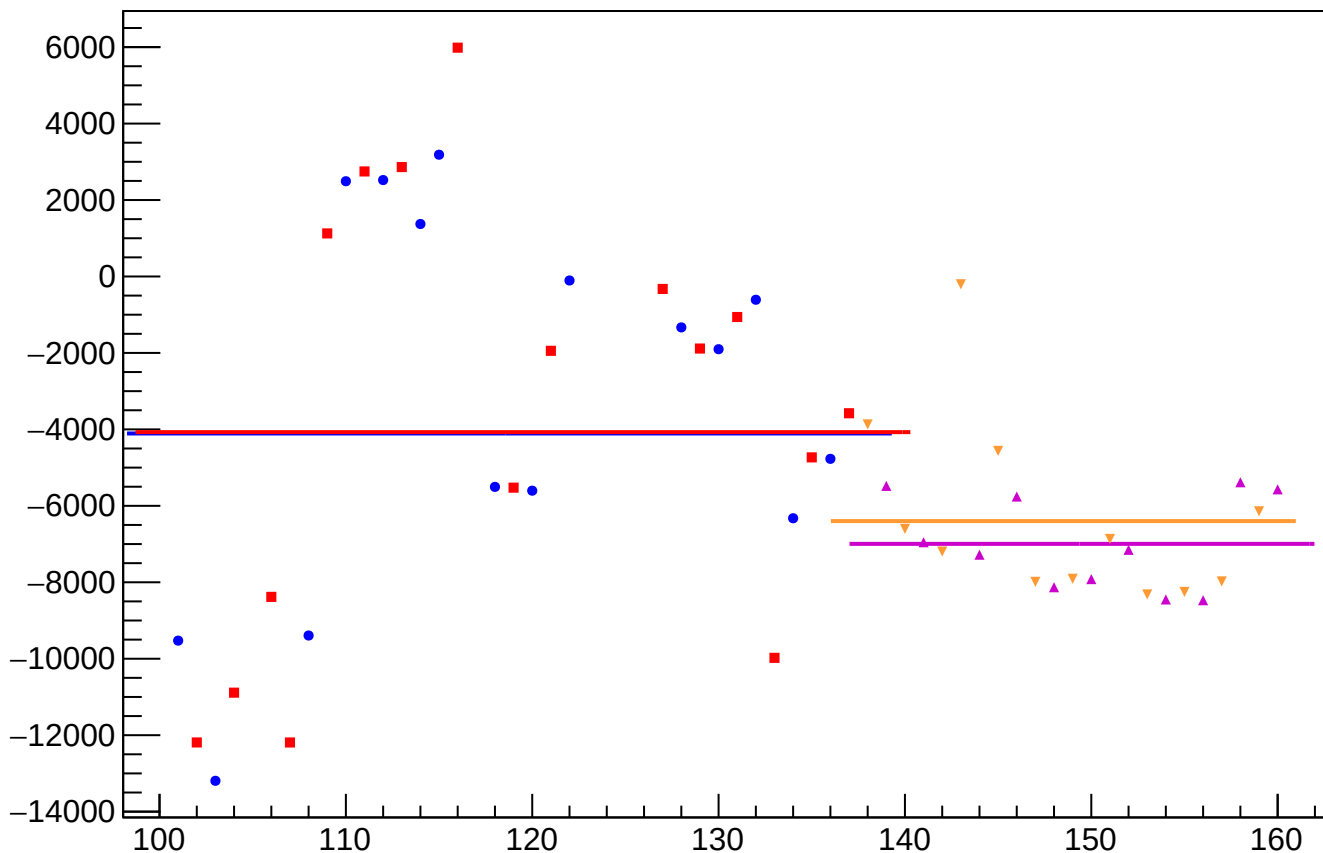
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

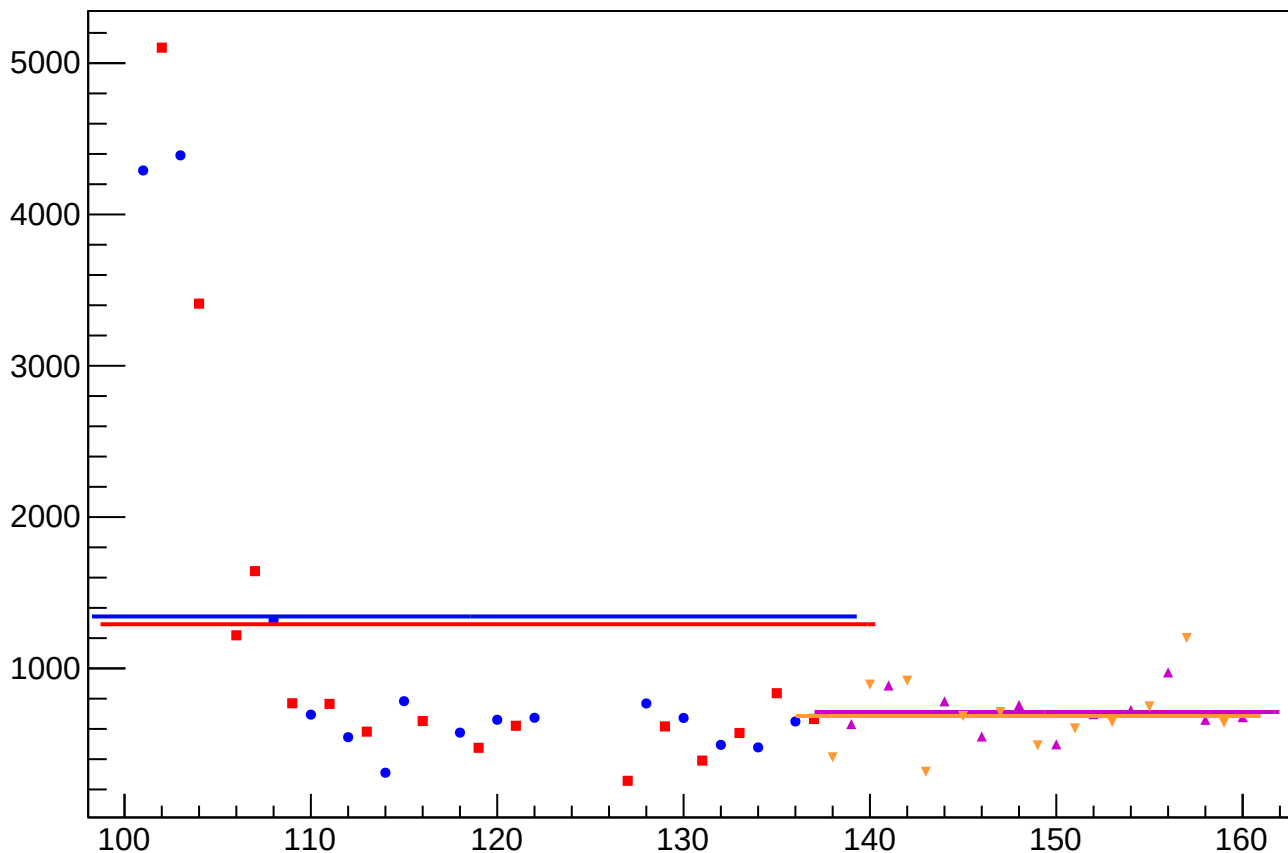
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6398.906+/-0.000	χ^2/NDF : 4560292812943761149136938286094472970240.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

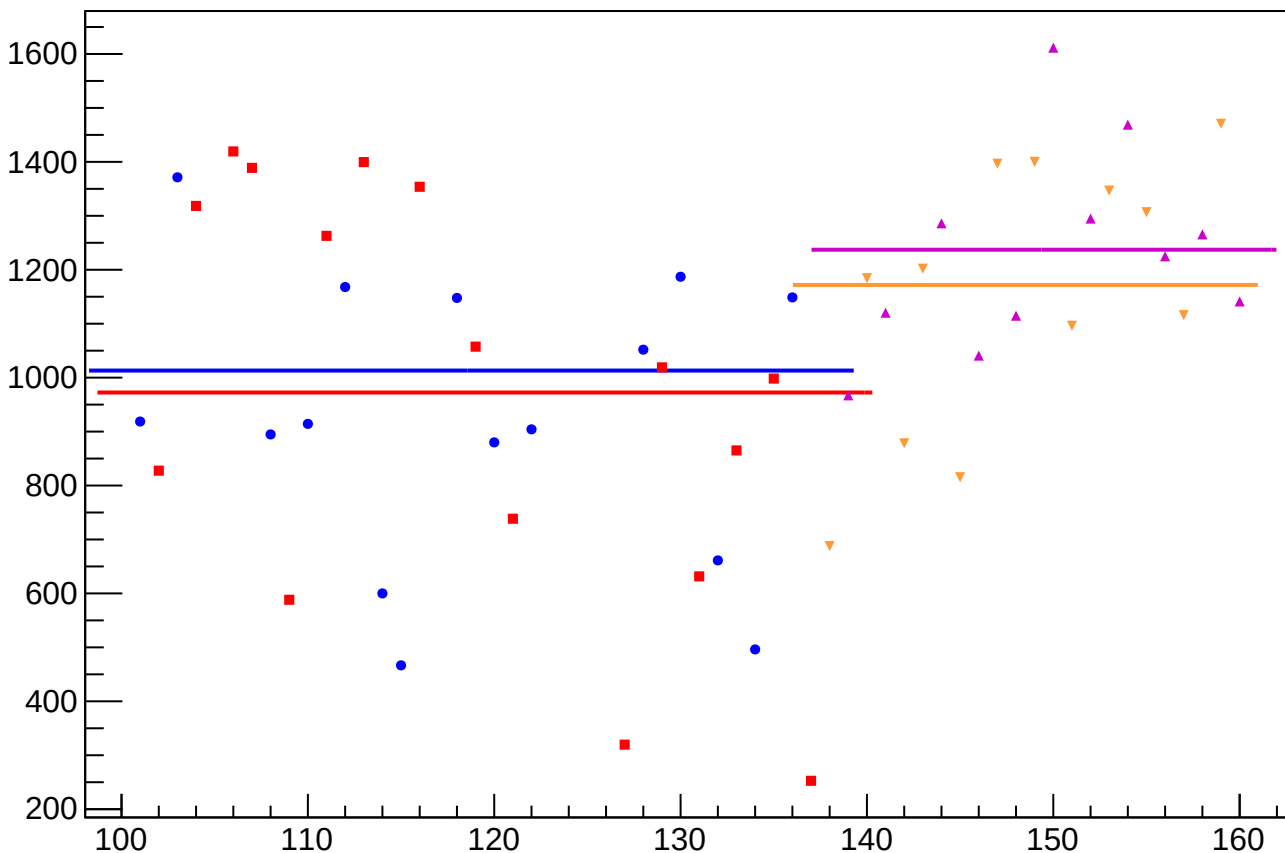
+ sign -5447.429+/-0.000 χ^2/NDF : 2108050211497
 All: -5609.905+/-0.000 χ^2/NDF : 4607018672
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 685.307+/-0.000 χ^2/NDF : 46333249080985813233742212153458294784.0/11
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

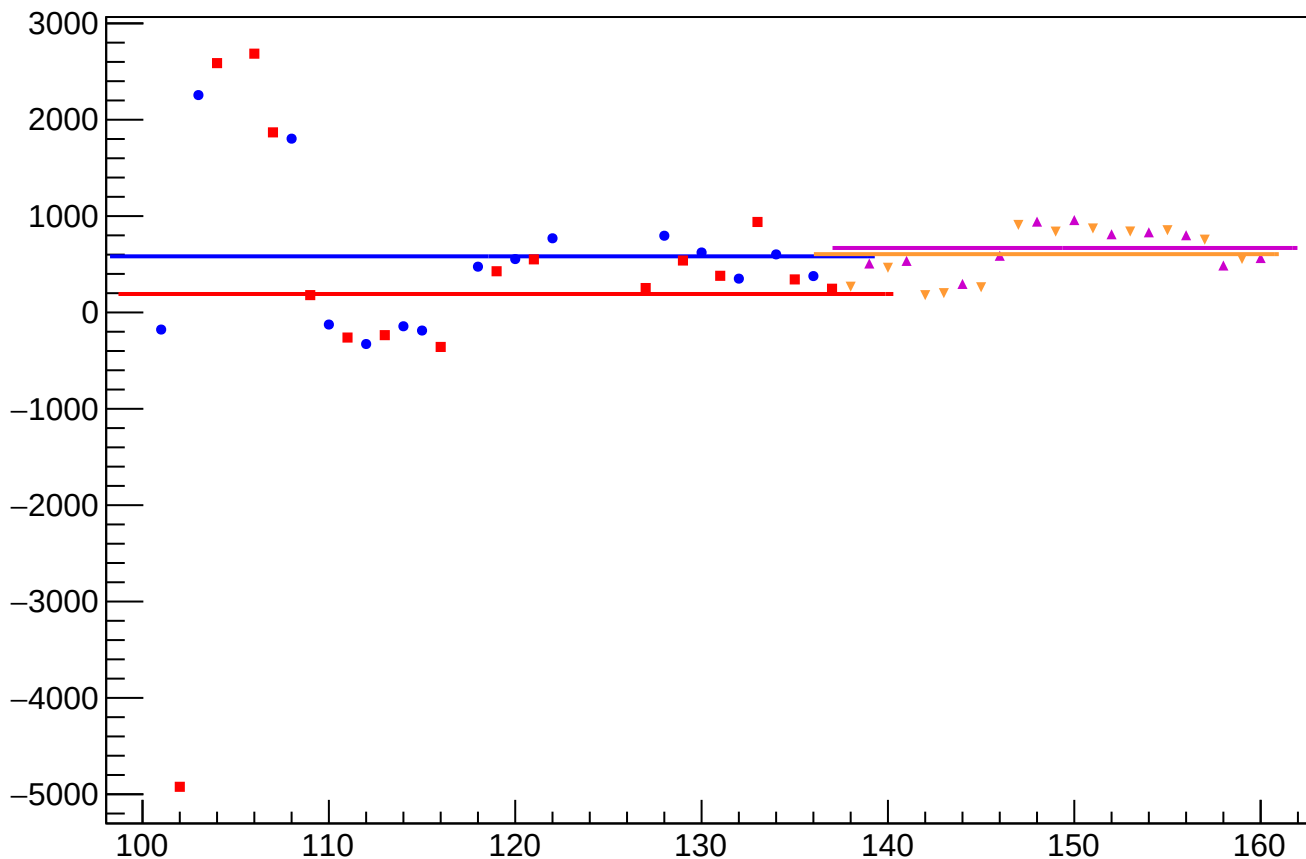
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 605.074+/-0.000 χ^2/NDF : 67912515245446196729937130882705915904.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 595.655+/-0.000 χ^2/NDF : 406904373797989

All: 531.737+/-0.000 χ^2/NDF : 271615503925

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 142.333+/-0.000 χ^2/NDF : 699754234994212847043453967042347008.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

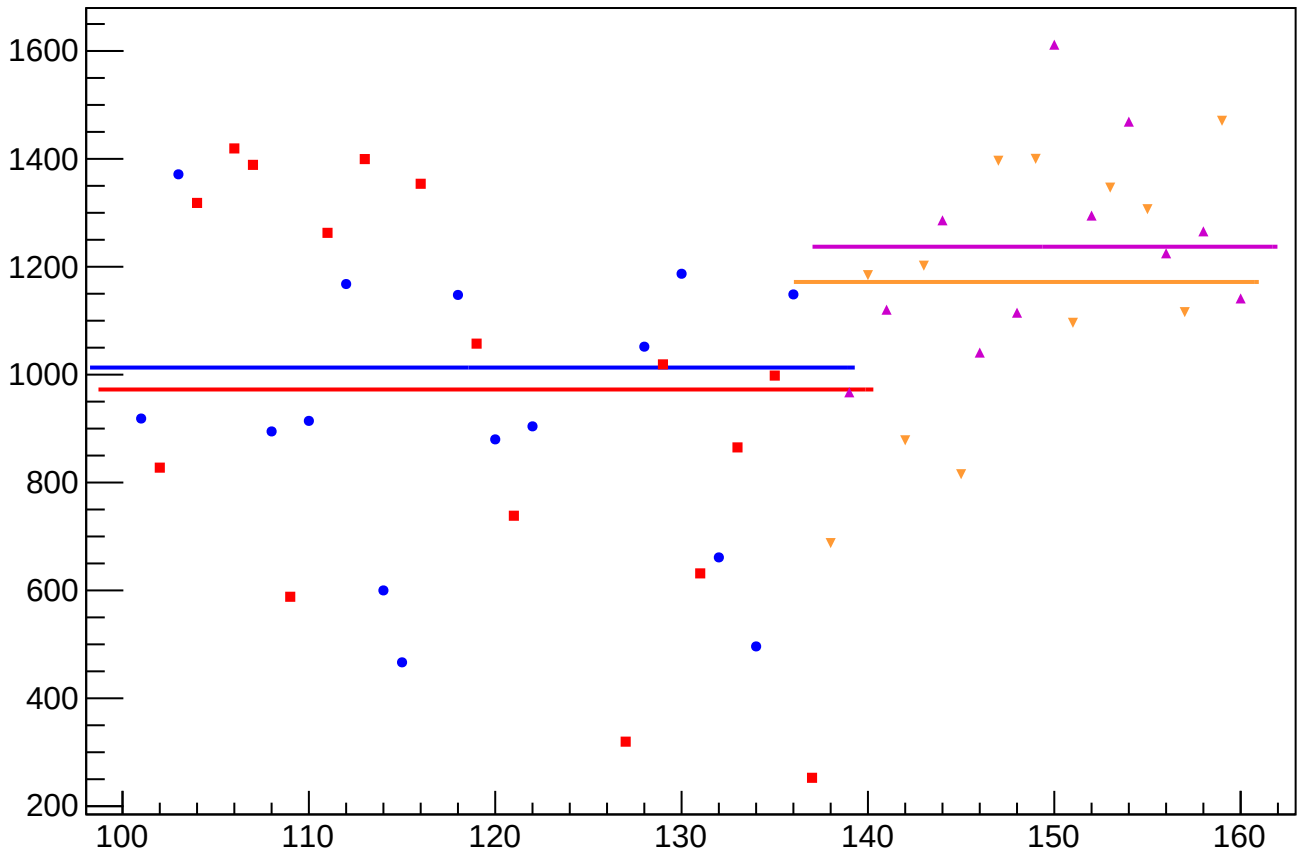
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

+ 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

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

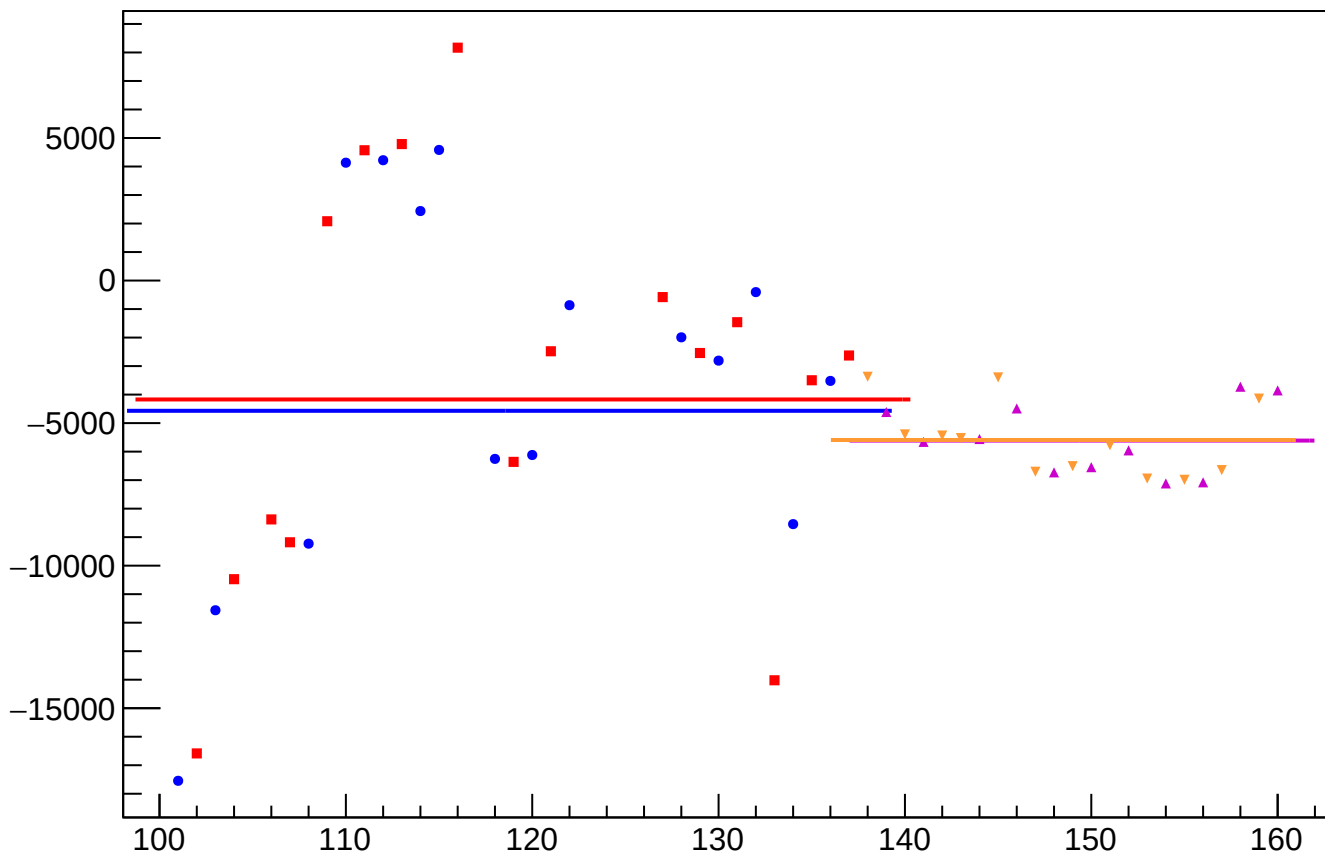
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

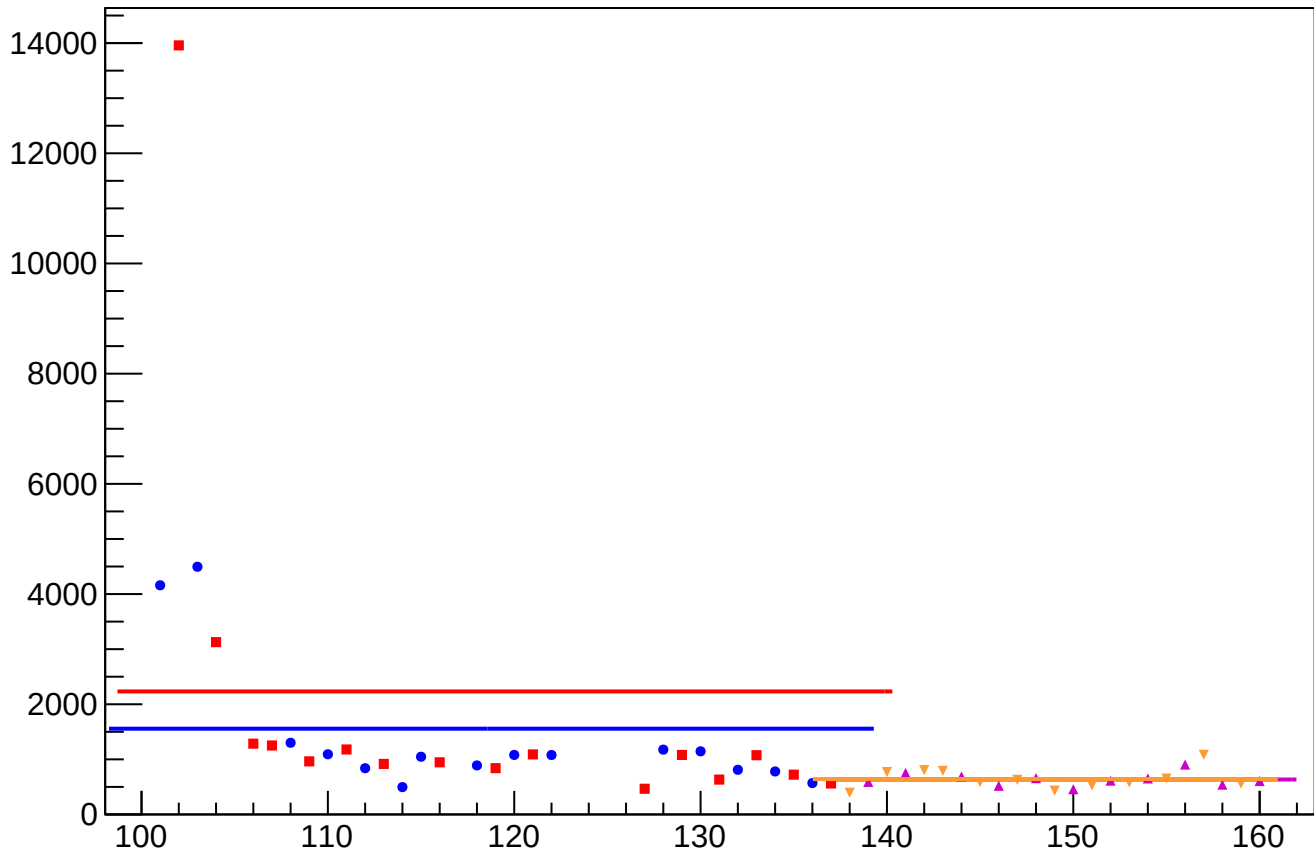
dit_atr2_coil6_mean vs Slug



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

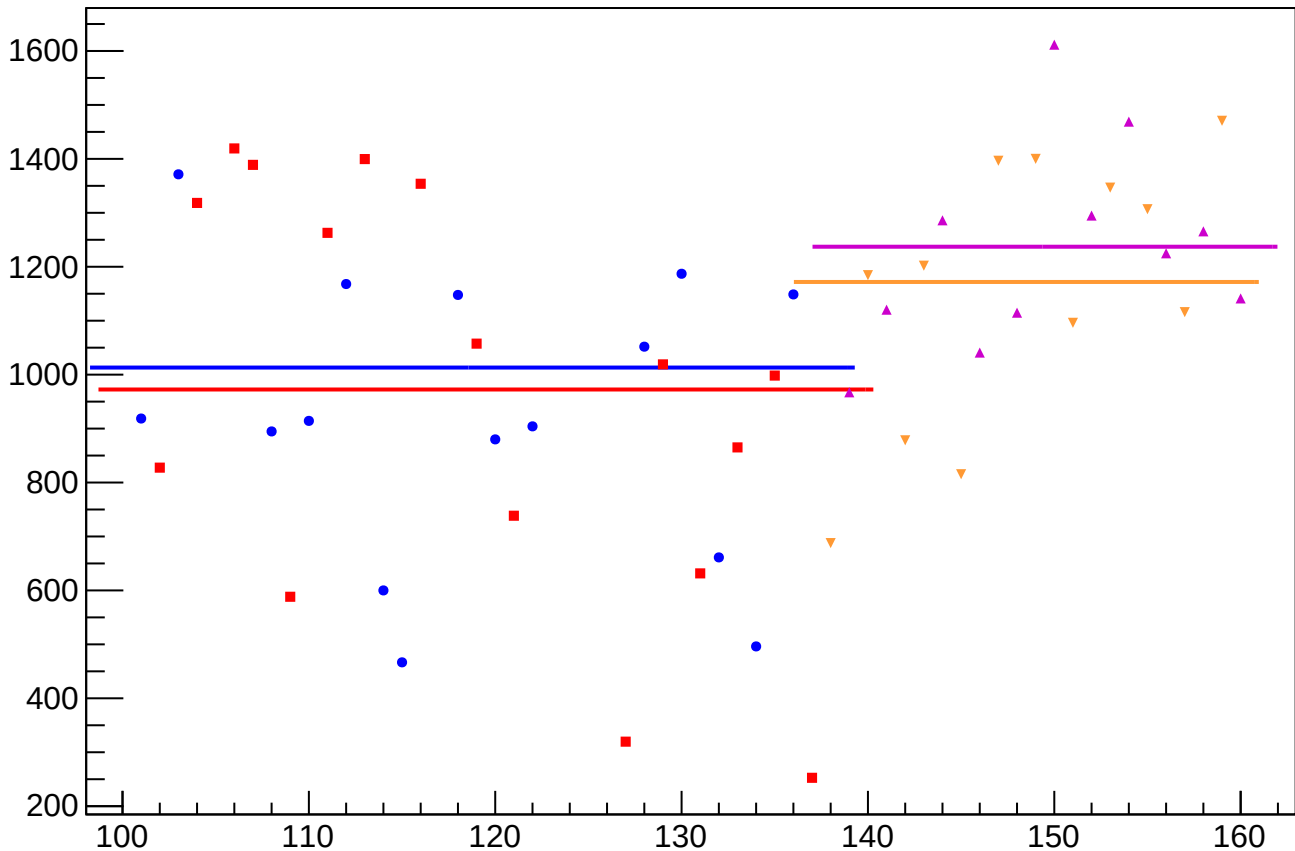
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



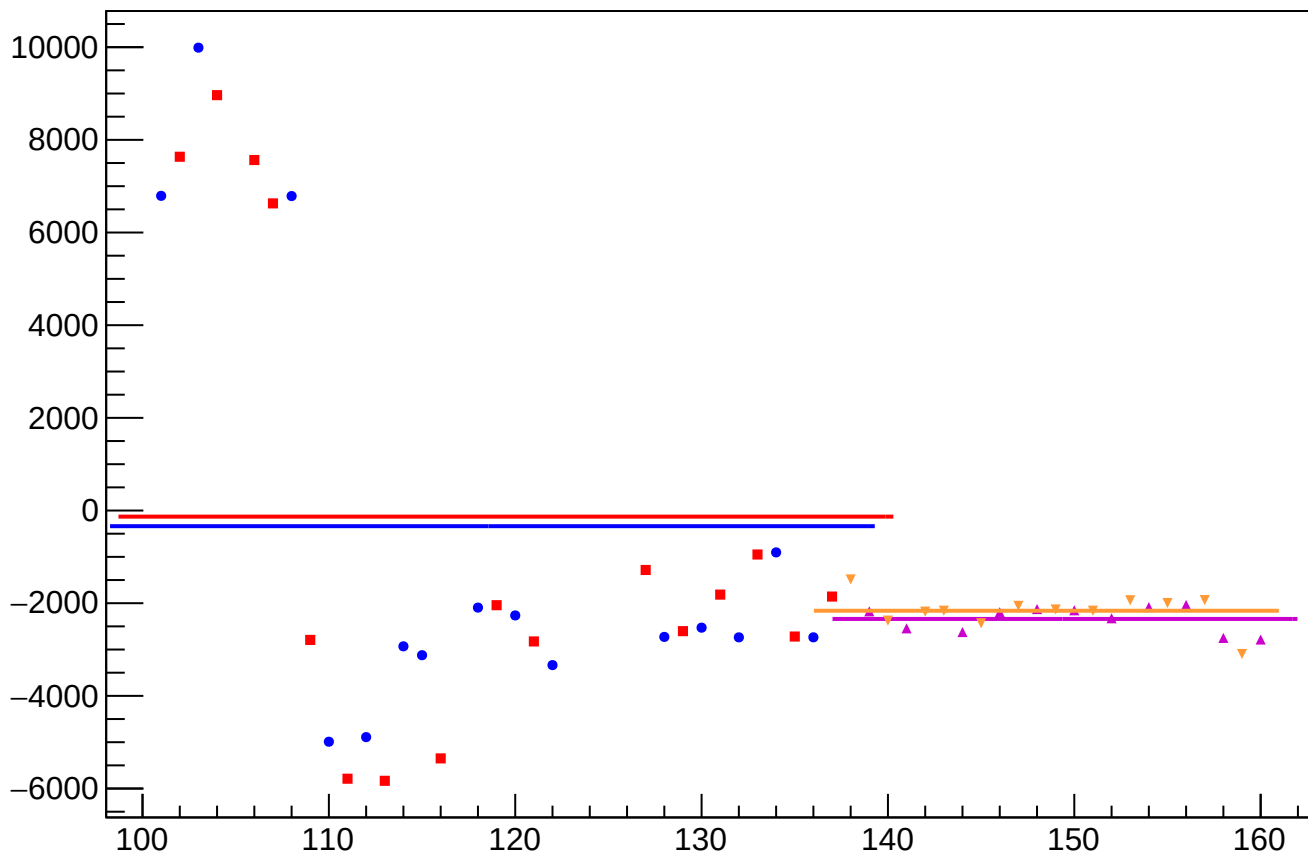
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 642.639+/-0.000 χ^2/NDF : 29931346030134316080818937490076336128.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10
 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	+ 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_sam1_coil6_mean vs Slug



Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$

Left Out: -2162.857 ± 0.000 $\chi^2/\text{NDF}: 126332275232930257638482620391759020032.0/11$

Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$

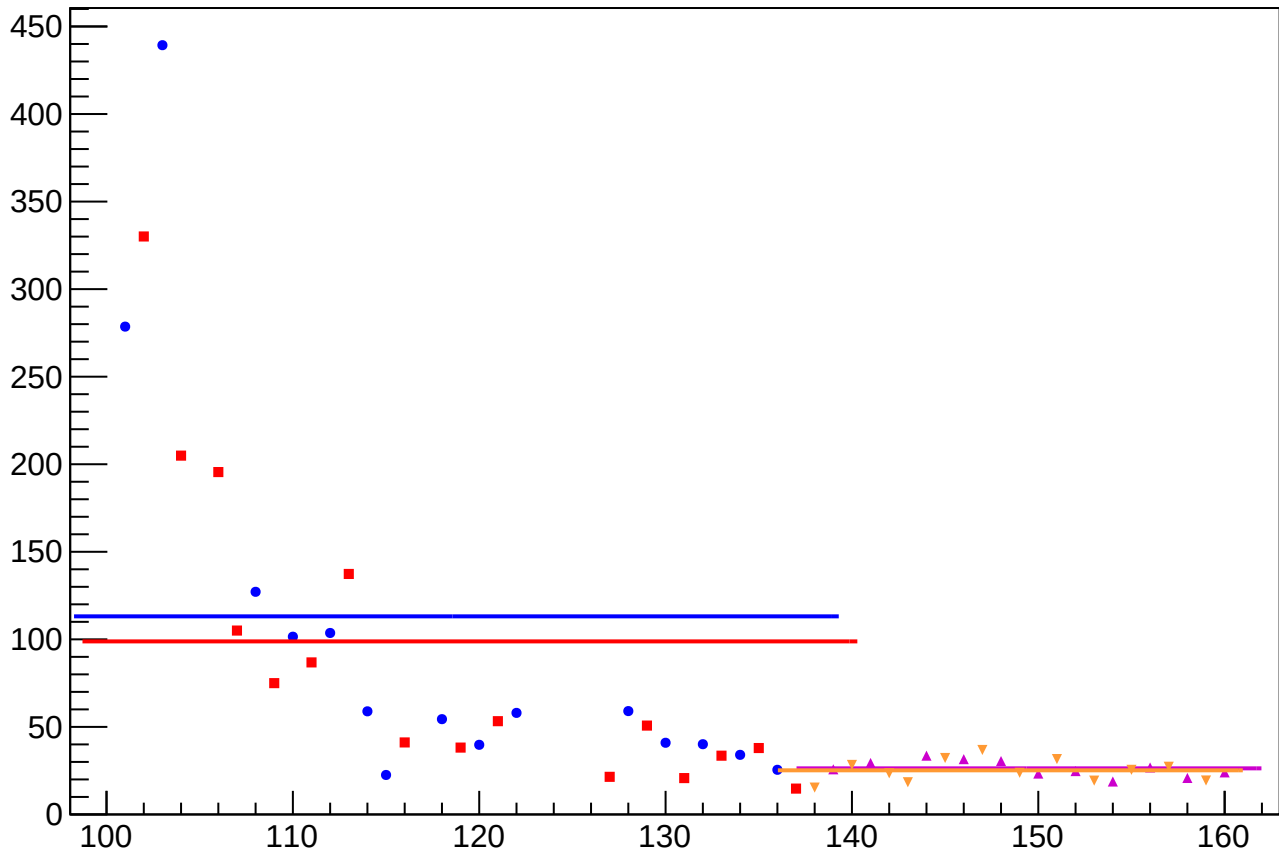
Left In: -2339.639 ± 0.000 $\chi^2/\text{NDF}: 62860144247456957543810906284181422080.0/10$

+ sign -1405.071 ± 0.000 $\chi^2/\text{NDF}: 1654286779746$

All: -1409.541 ± 0.000 $\chi^2/\text{NDF}: 3496770485$

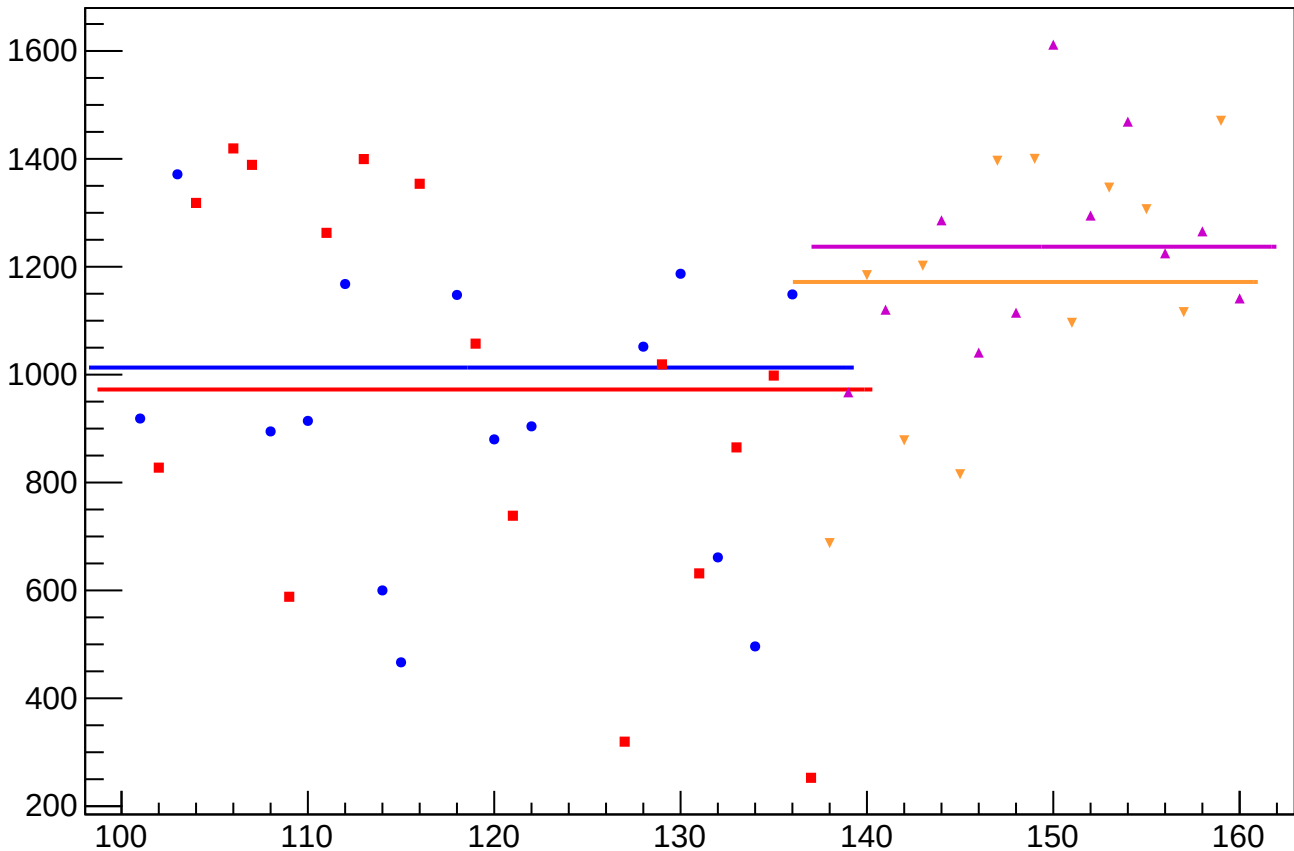
- sign -1413.933 ± 0.000 $\chi^2/\text{NDF}: 18424775138160$

dit_sam1_coil6_err_mean vs Slug



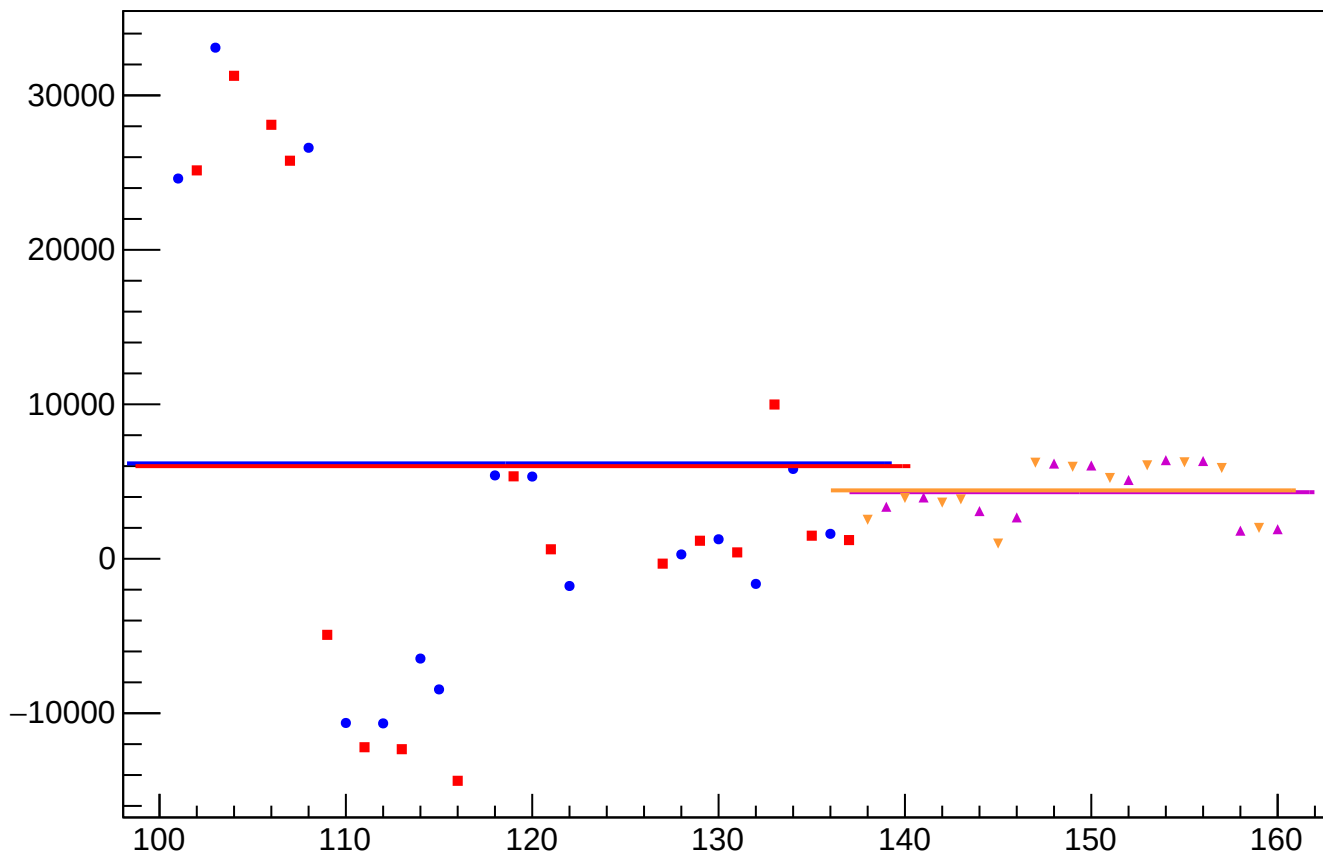
Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 25.204 $\pm$ 0.000 χ^2 /NDF: 35340998729966912863138320392126464.0/11
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 26.331 $\pm$ 0.000 χ^2 /NDF: 18142873408814573481950758043648000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



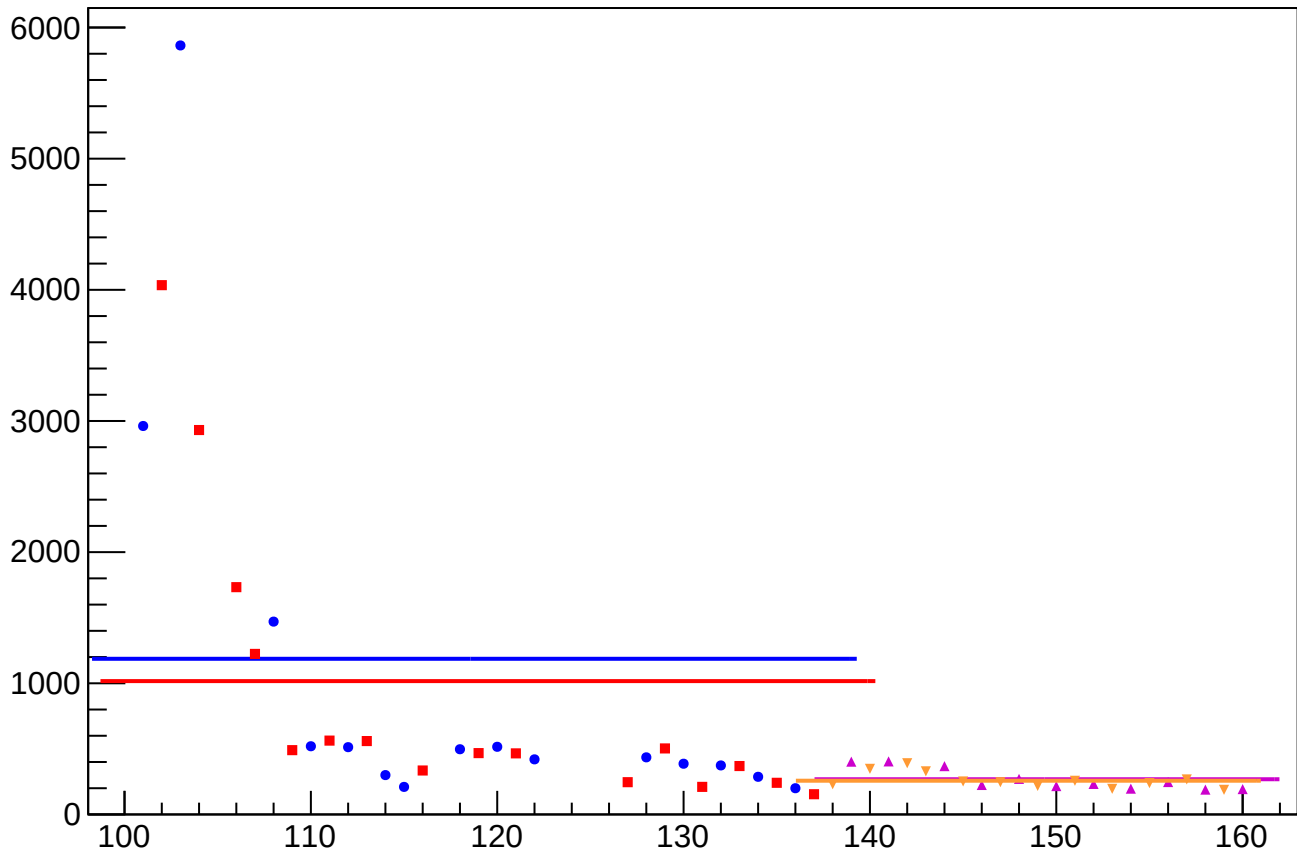
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam2_coil6_mean vs Slug



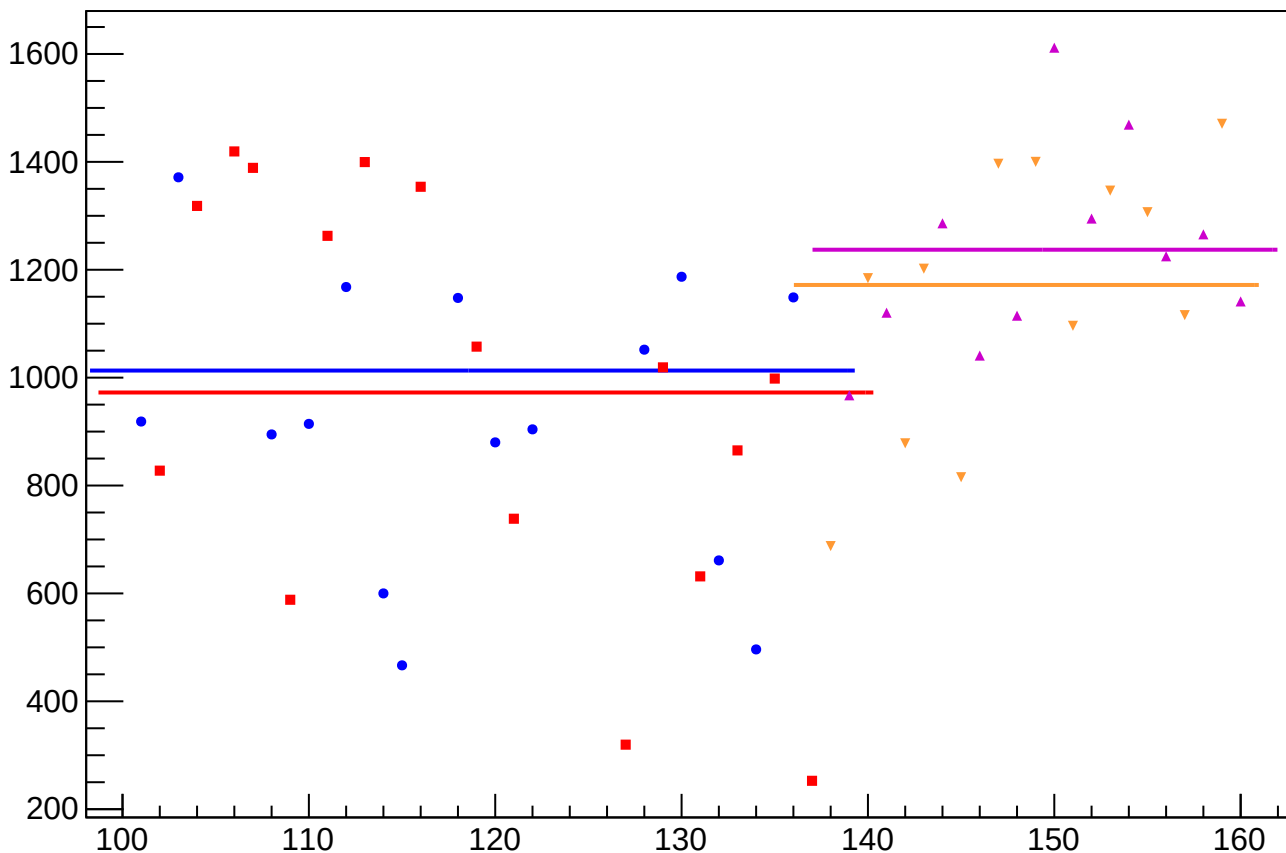
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4428.101+/-0.000 χ^2/NDF : 2900138976874387724183278190835470958592.0/11
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4310.541+/-0.000 χ^2/NDF : 2687248811790643780000086030830396243968.0/10
 All: 5084.951+/-0.000 χ^2/NDF : 26218080052.0/10
 + sign 5153.665+/-0.000 χ^2/NDF : 12131982747999.0/10
 - sign 5017.446+/-0.000 χ^2/NDF : 14084634301440.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 All: 612.442 $\pm$ 0.000 χ^2 /NDF: 328051716192
 + sign 643.246 $\pm$ 0.000 χ^2 /NDF: 212720083388662
 - sign 582.179 $\pm$ 0.000 χ^2 /NDF: 115037612749111

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

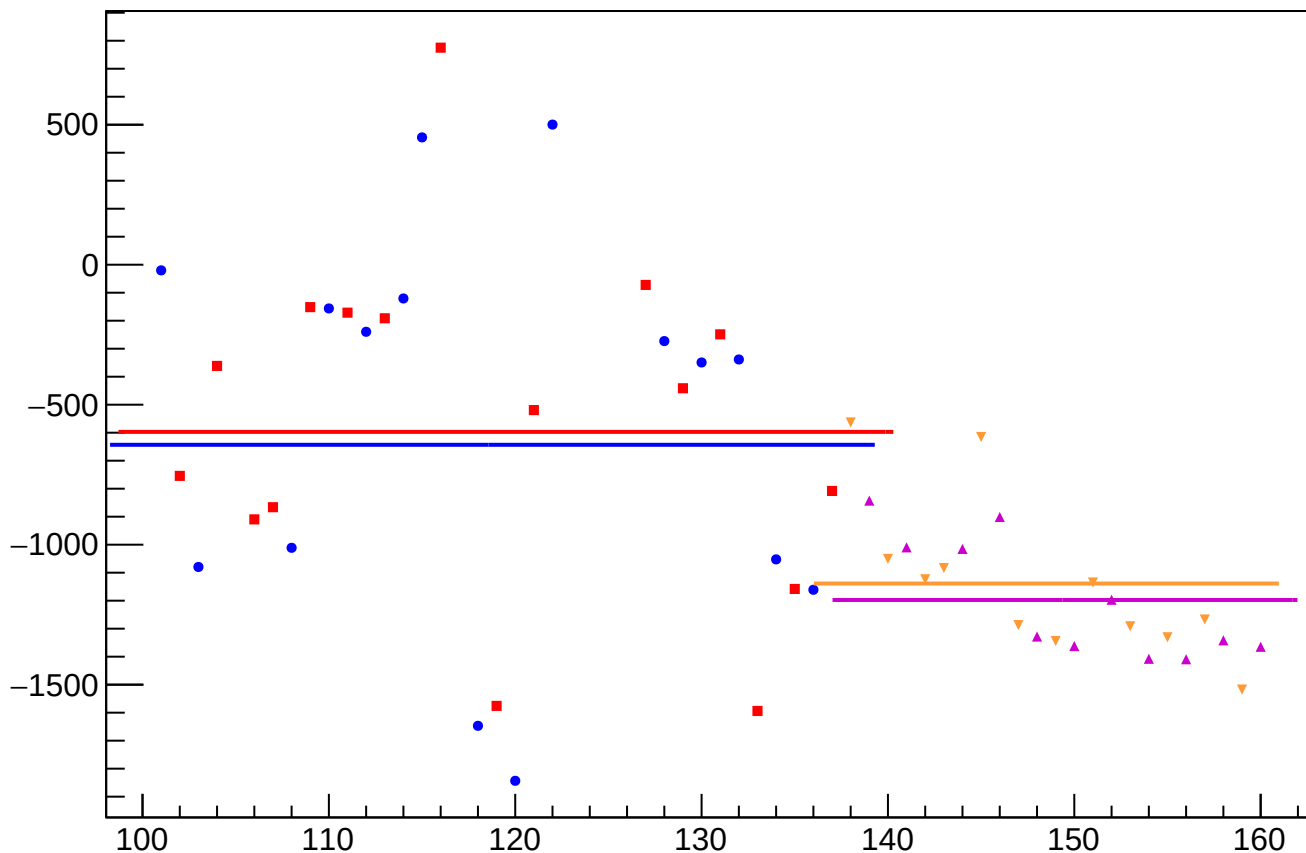
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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_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

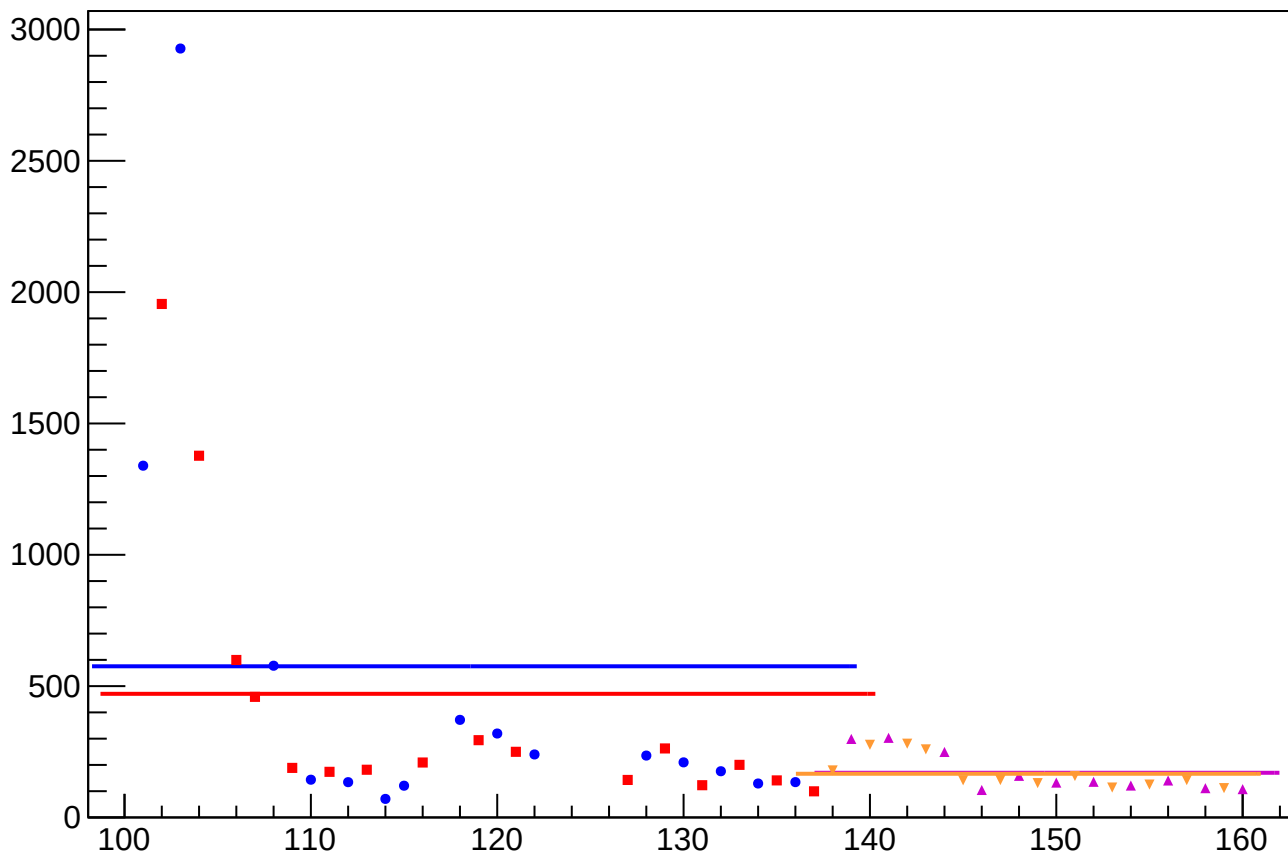
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ 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

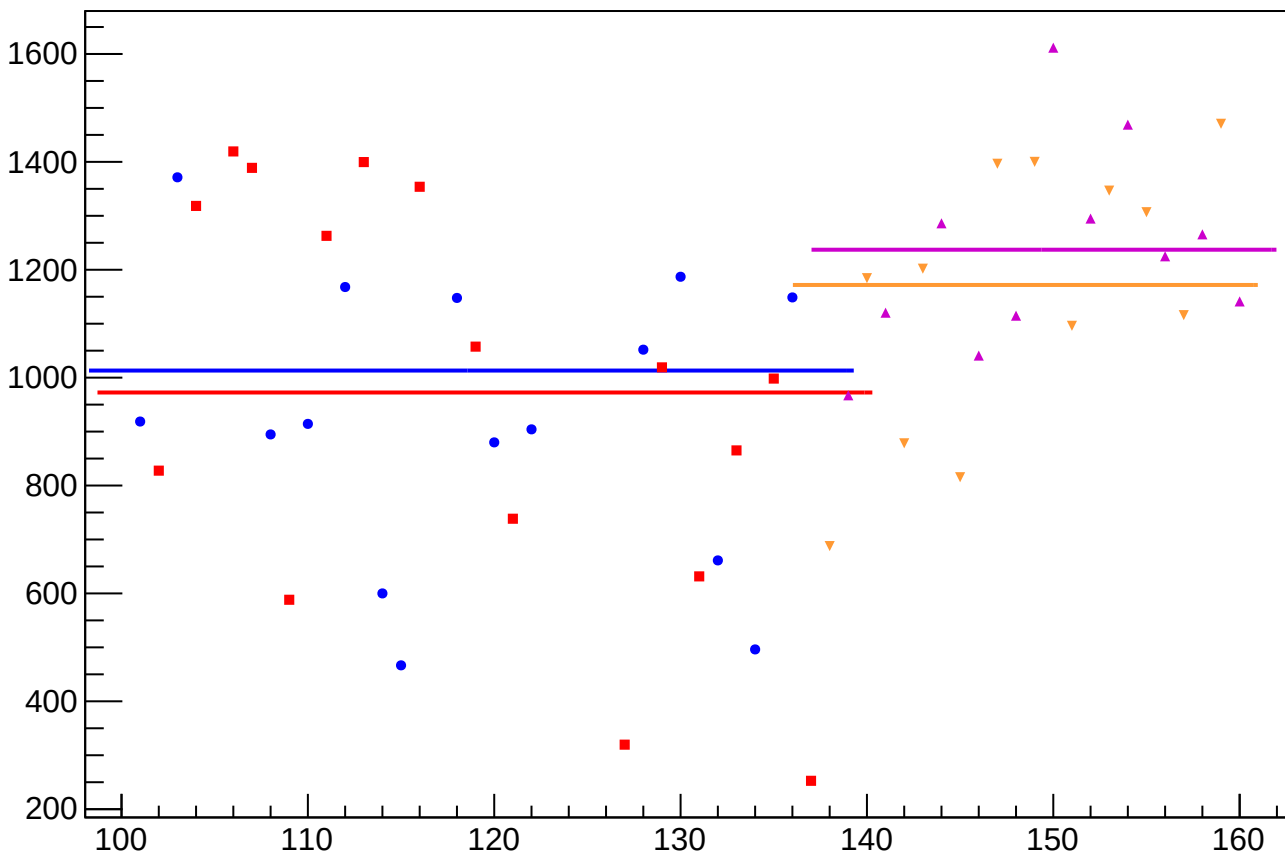
All: 316.009+/-0.000 χ^2/NDF : 749713374727

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

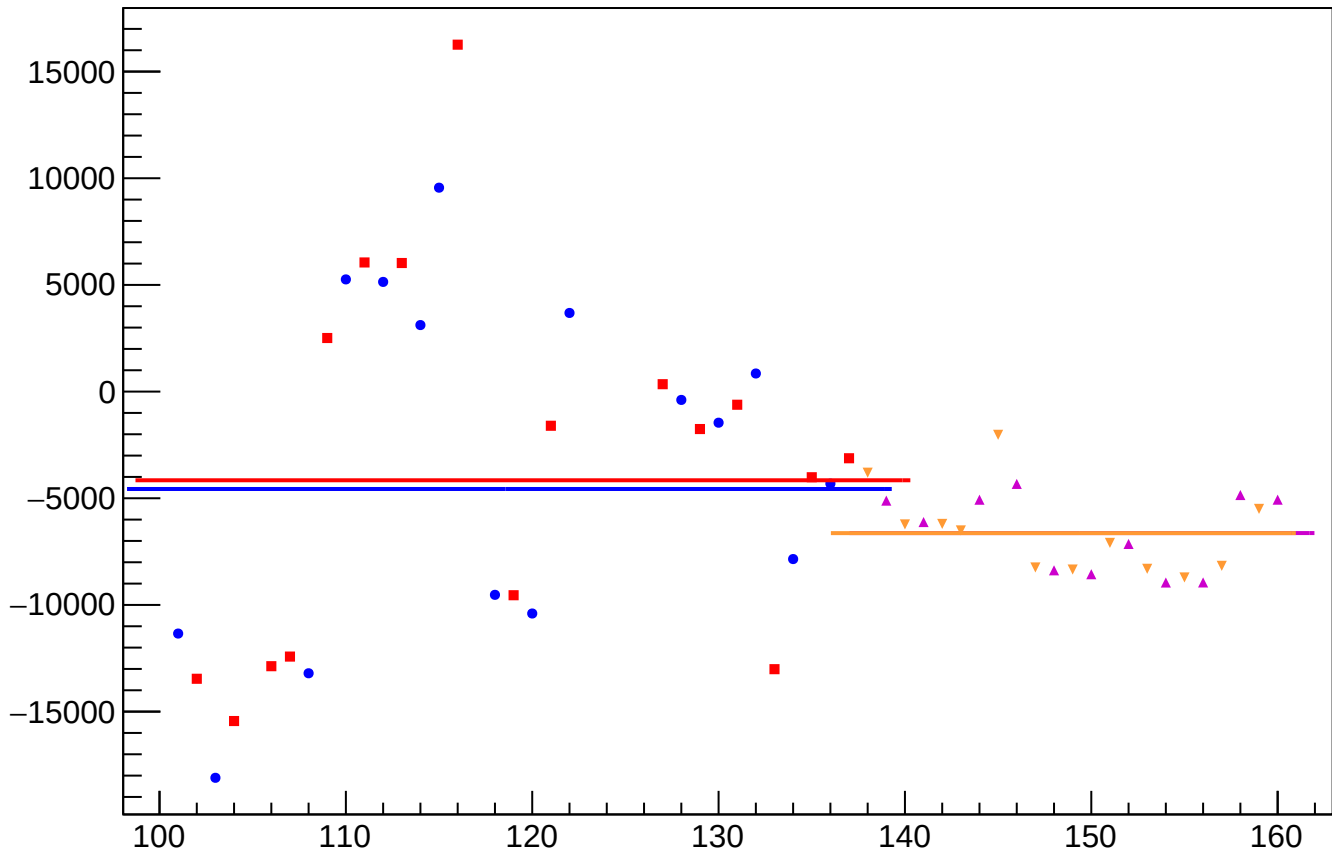
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

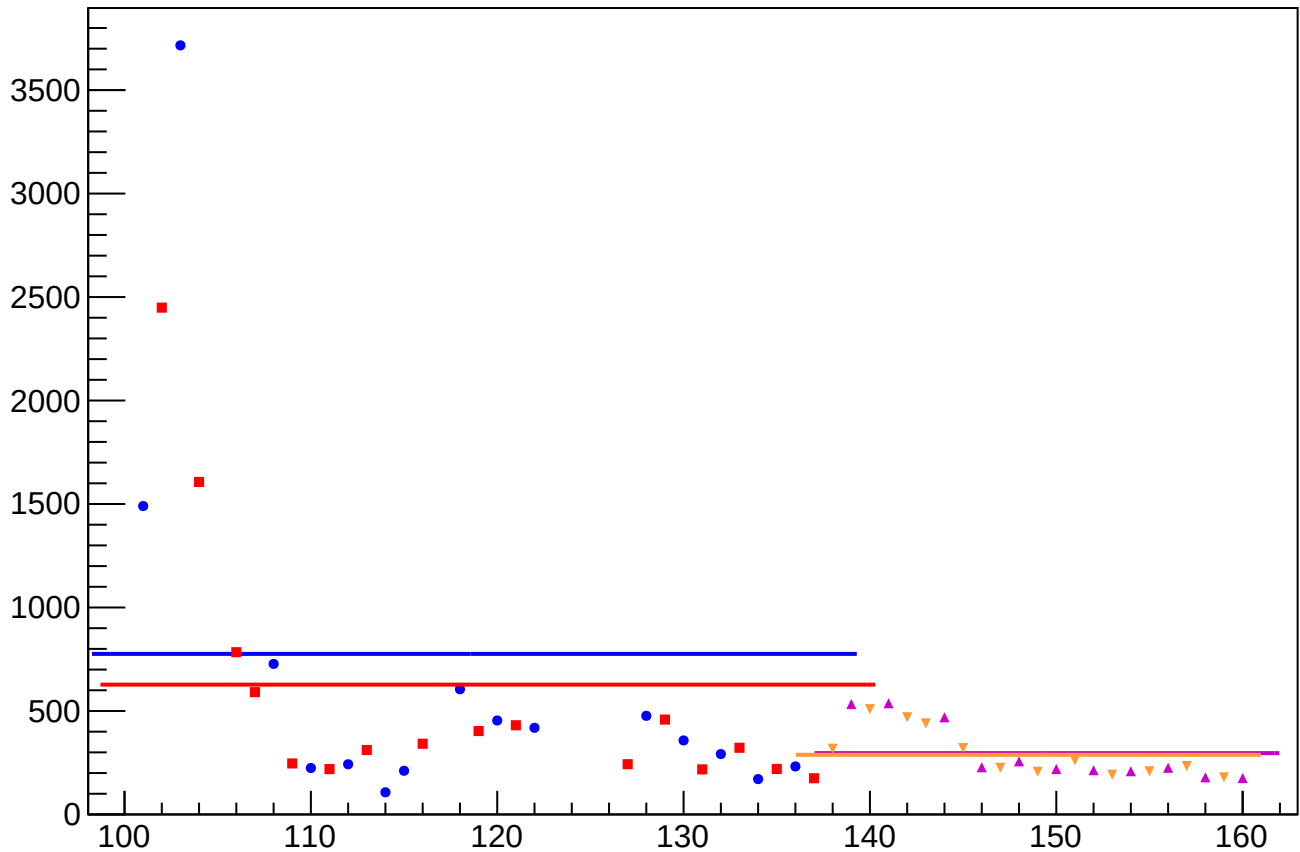
dit_sam4_coil6_mean vs Slug



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

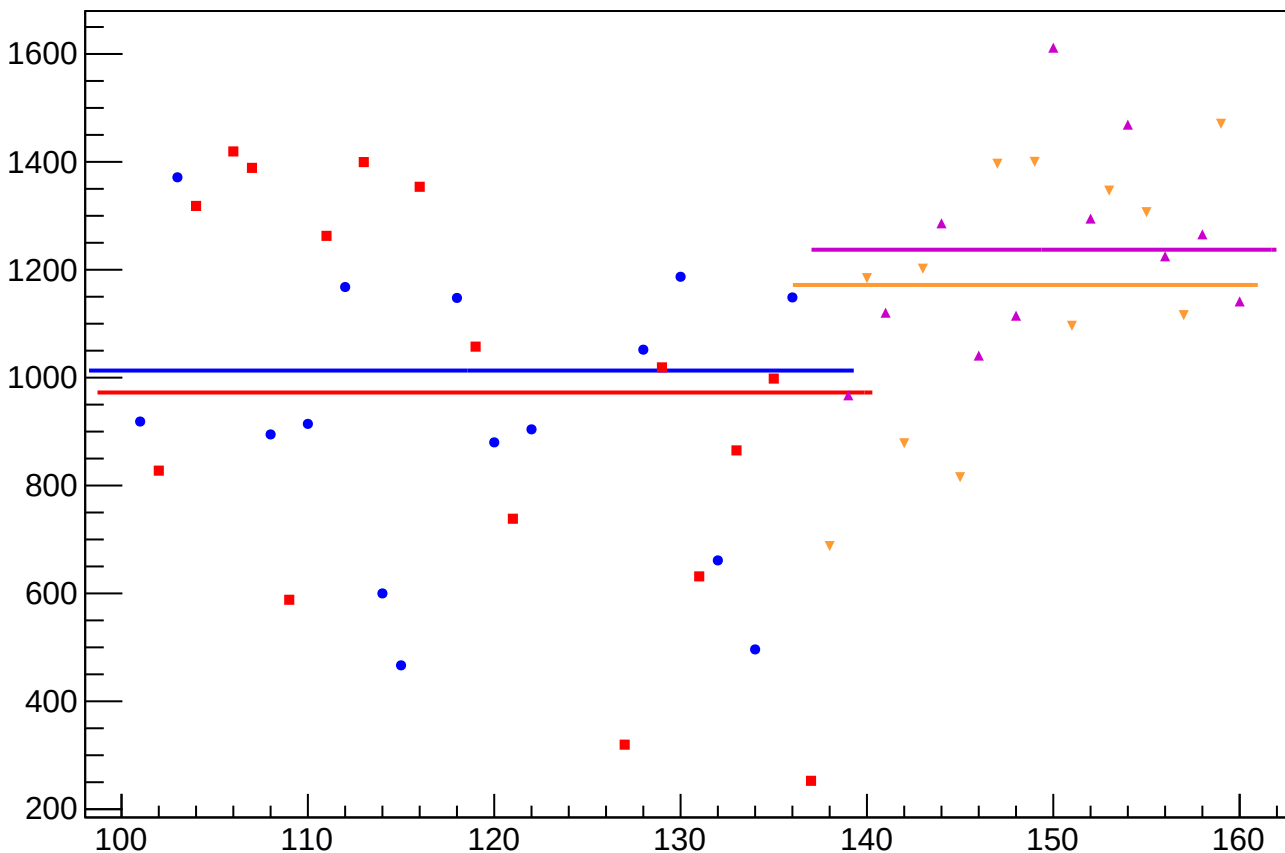
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 11020925146

- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

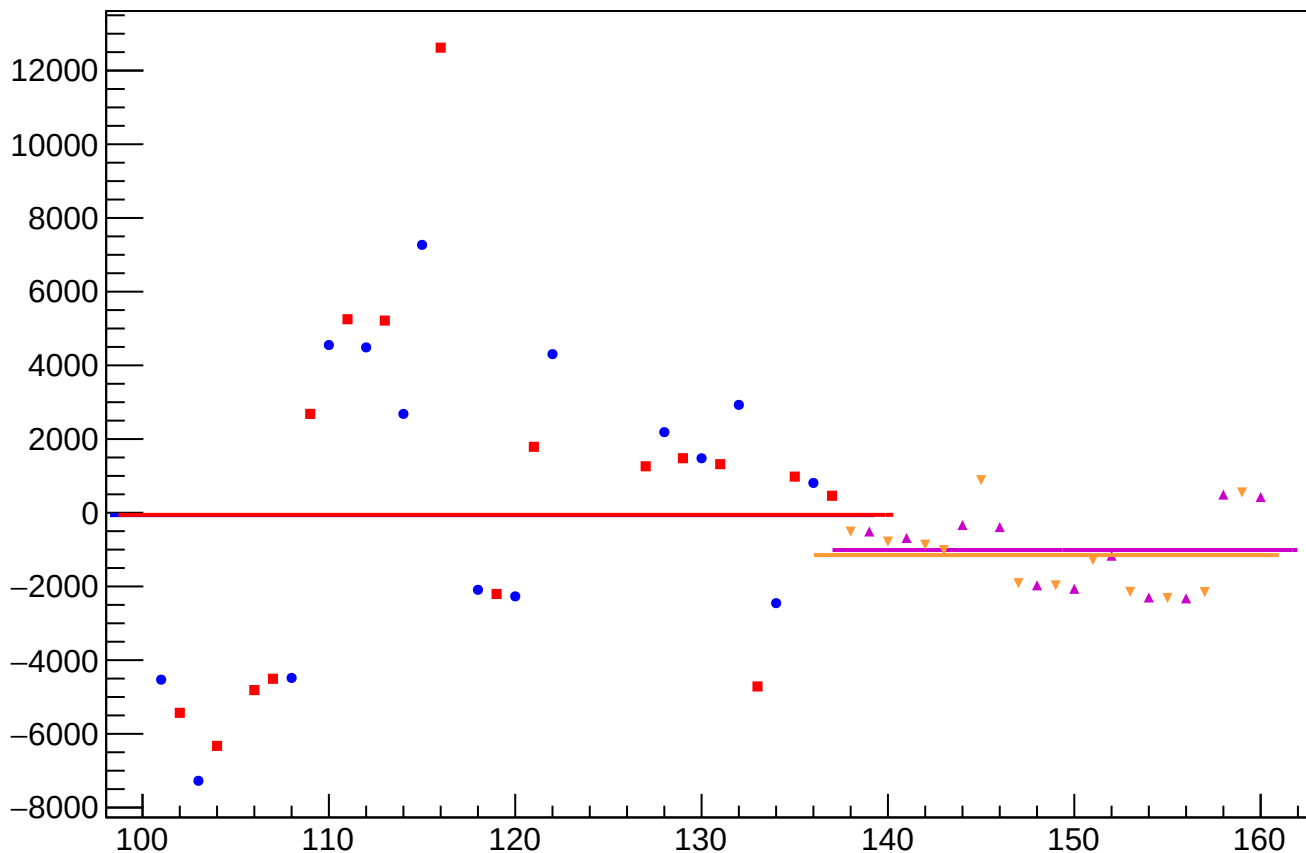
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

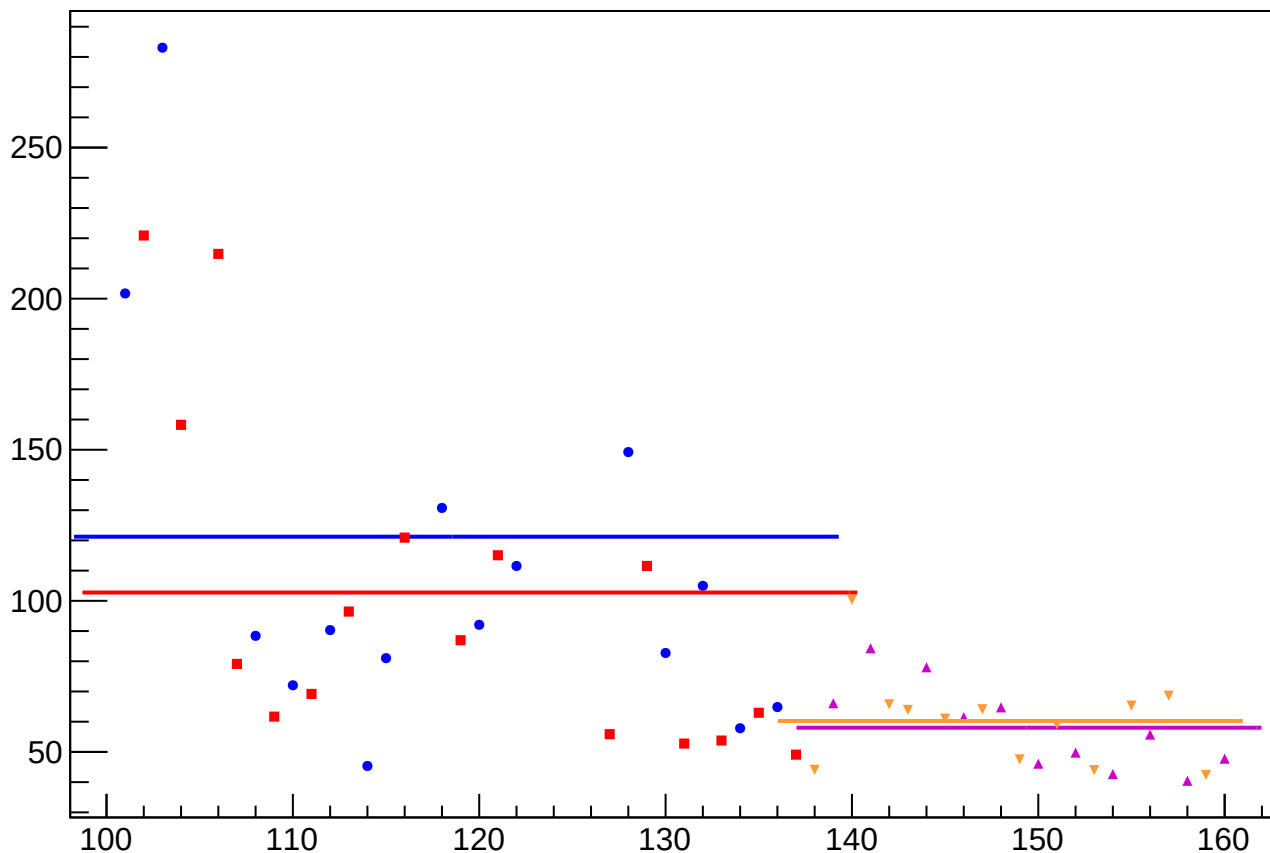
Left In: -1011.284+/-0.000 χ^2/NDF : 903909408421874171739001543159795679232.0/10

+ sign -698.812+/-0.000 χ^2/NDF : 11037797160174

All: -654.674+/-0.000 χ^2/NDF : 26081295906

- sign -611.312+/-0.000 χ^2/NDF : 150374623927280

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

+ sign 85.563+/-0.000 χ^2/NDF : 4359921672162242

Left Out: 60.239+/-0.000 χ^2/NDF : 225102554491032869548797845500329984.0/11

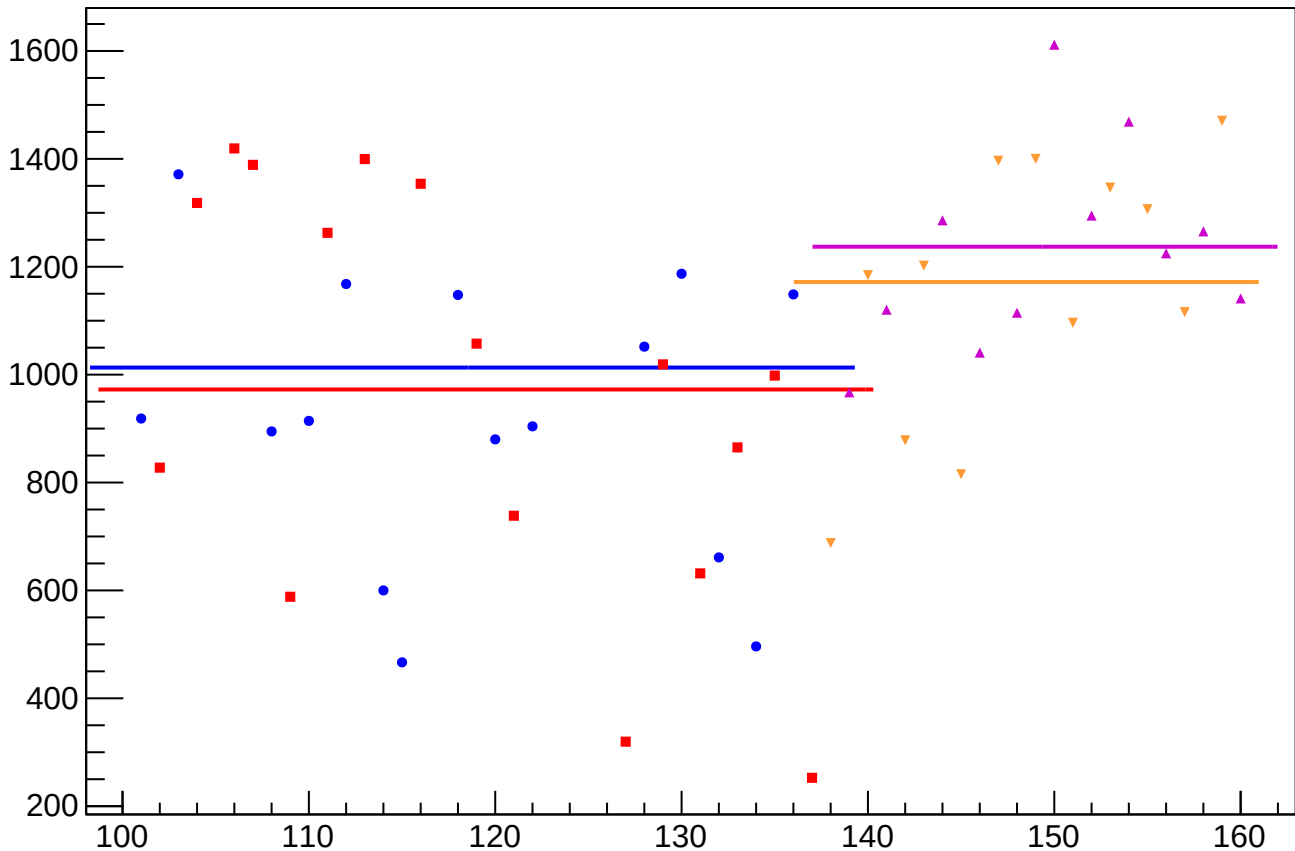
All: 81.126+/-0.000 χ^2/NDF : 7341366605629

Right Out: 102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

- sign 76.766+/-0.000 χ^2/NDF : 2920429745013475

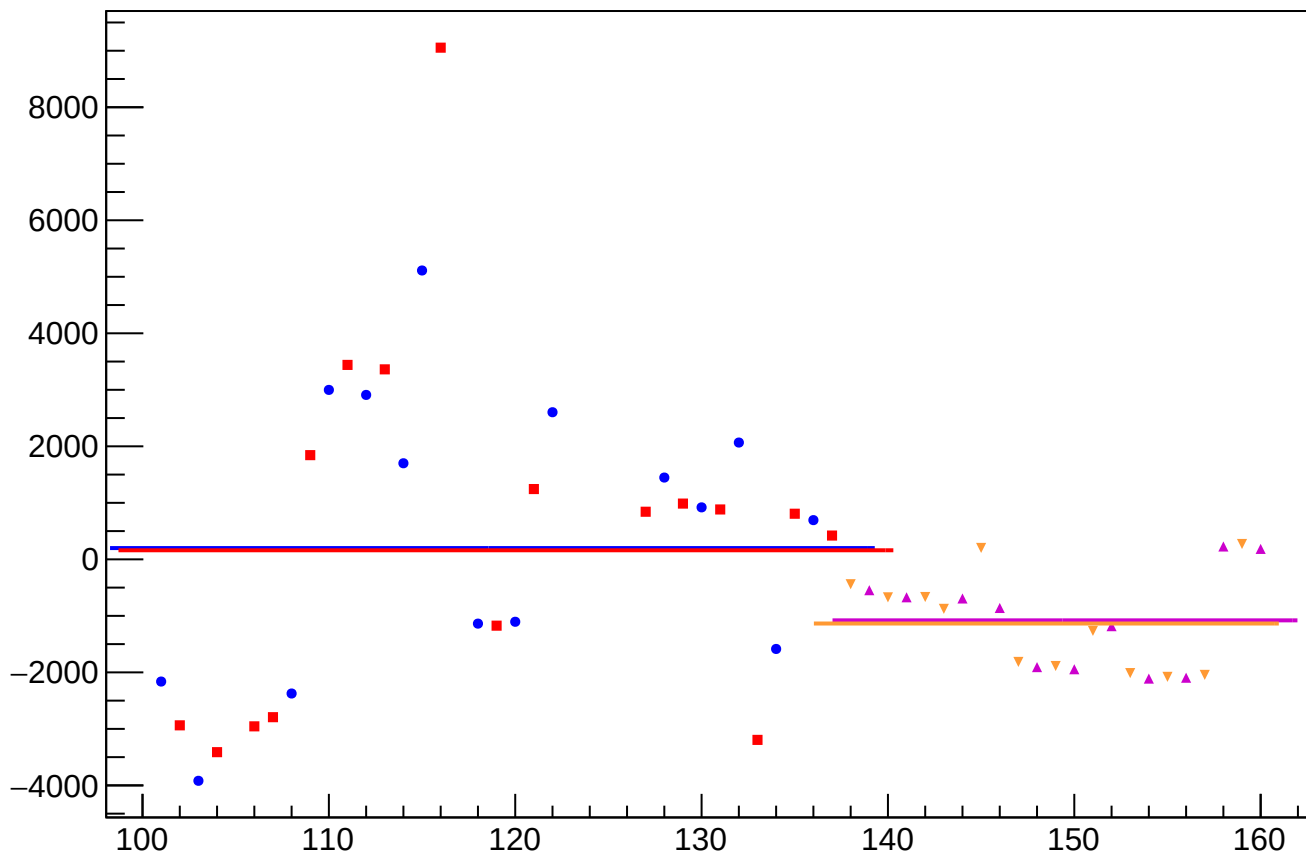
Left In: 58.011+/-0.000 χ^2/NDF : 177427701786540438757655027214450688.0/10

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14

+ sign -581.144+/-0.000 χ^2/NDF : 45992004244900

Left Out: -1135.455+/-0.000 χ^2/NDF : 654697592596579349133010058178925166592.0/11

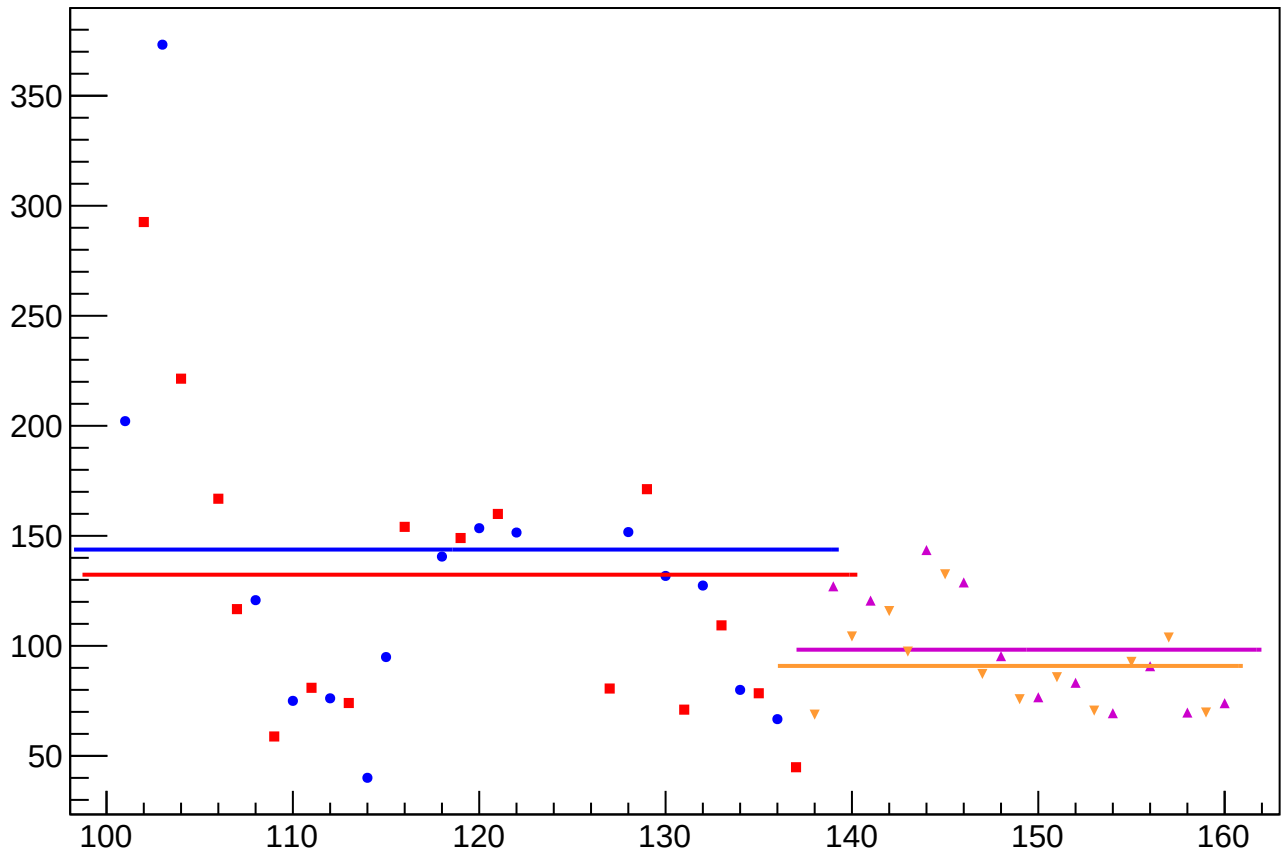
All: -570.315+/-0.000 χ^2/NDF : 11490561476

Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

- sign -559.678+/-0.000 χ^2/NDF : 689099774035240

Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 ± 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

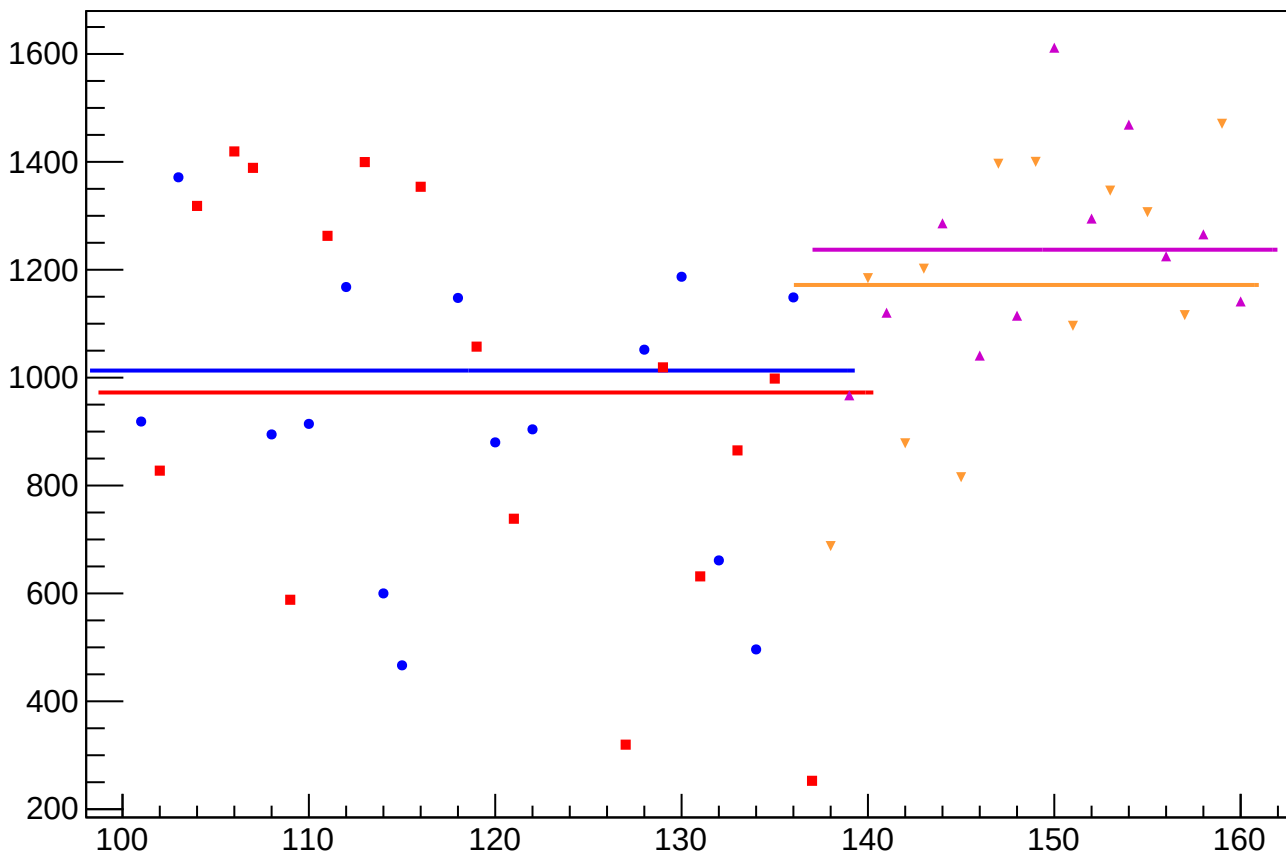
Left Out: 90.882 ± 0.000 χ^2/NDF : 326242734851411629220497356388040704.0/11

Right Out: 132.341 ± 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

Left In: 98.257 ± 0.000 χ^2/NDF : 6209937767730933933033369428470792192.0/10

All: 112.691 ± 0.000 χ^2/NDF : 101475107783.0/11

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

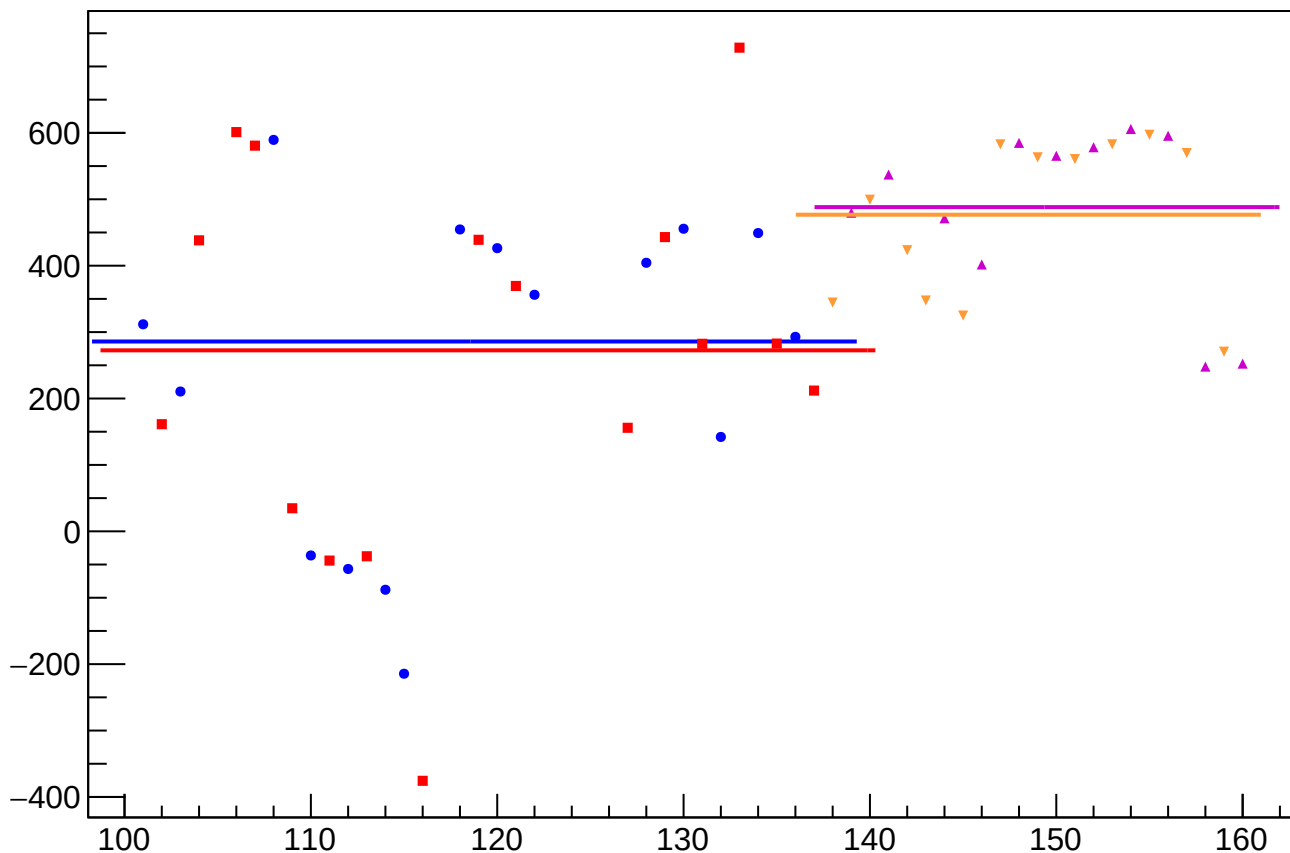
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

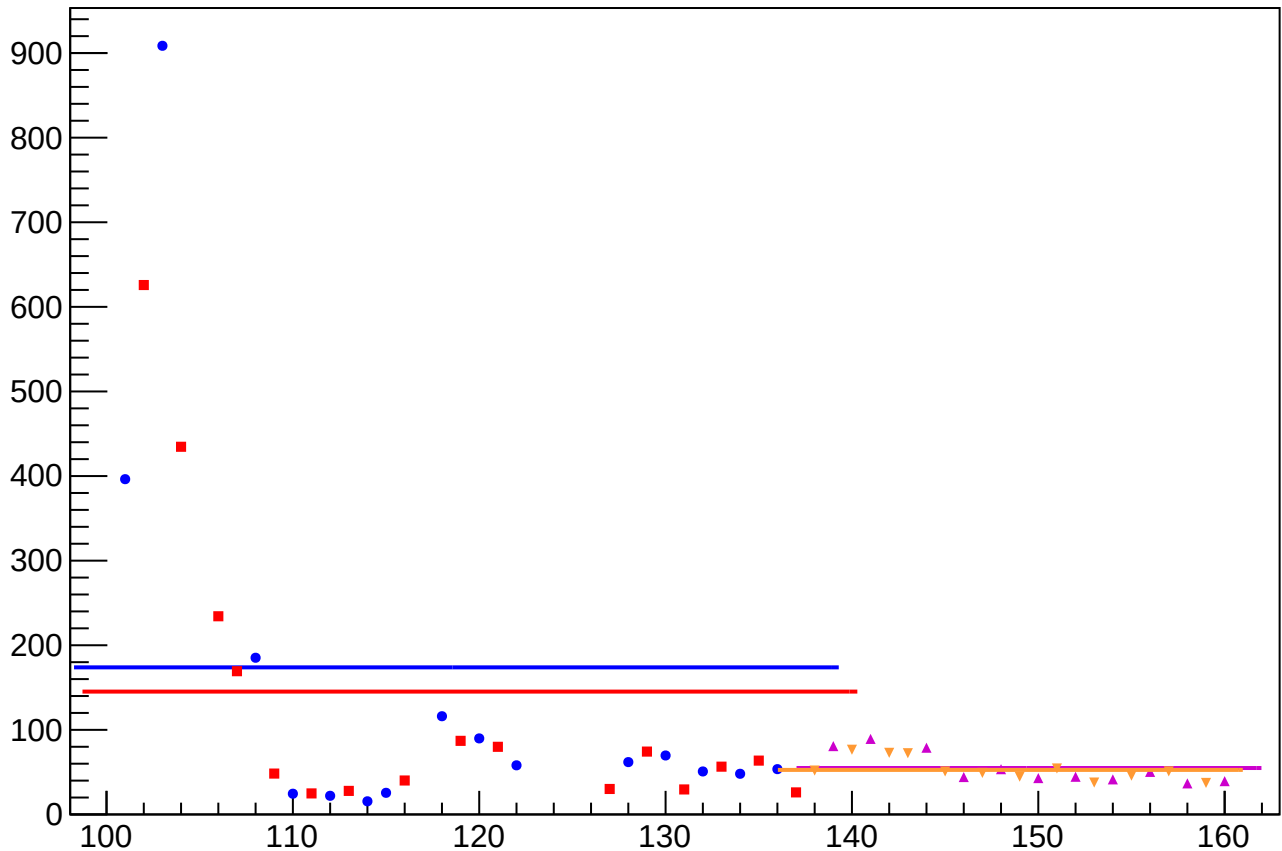
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 397.512+/-0.000 χ^2/NDF : 506405806110630

All: 397.652+/-0.000 χ^2/NDF : 126636598673

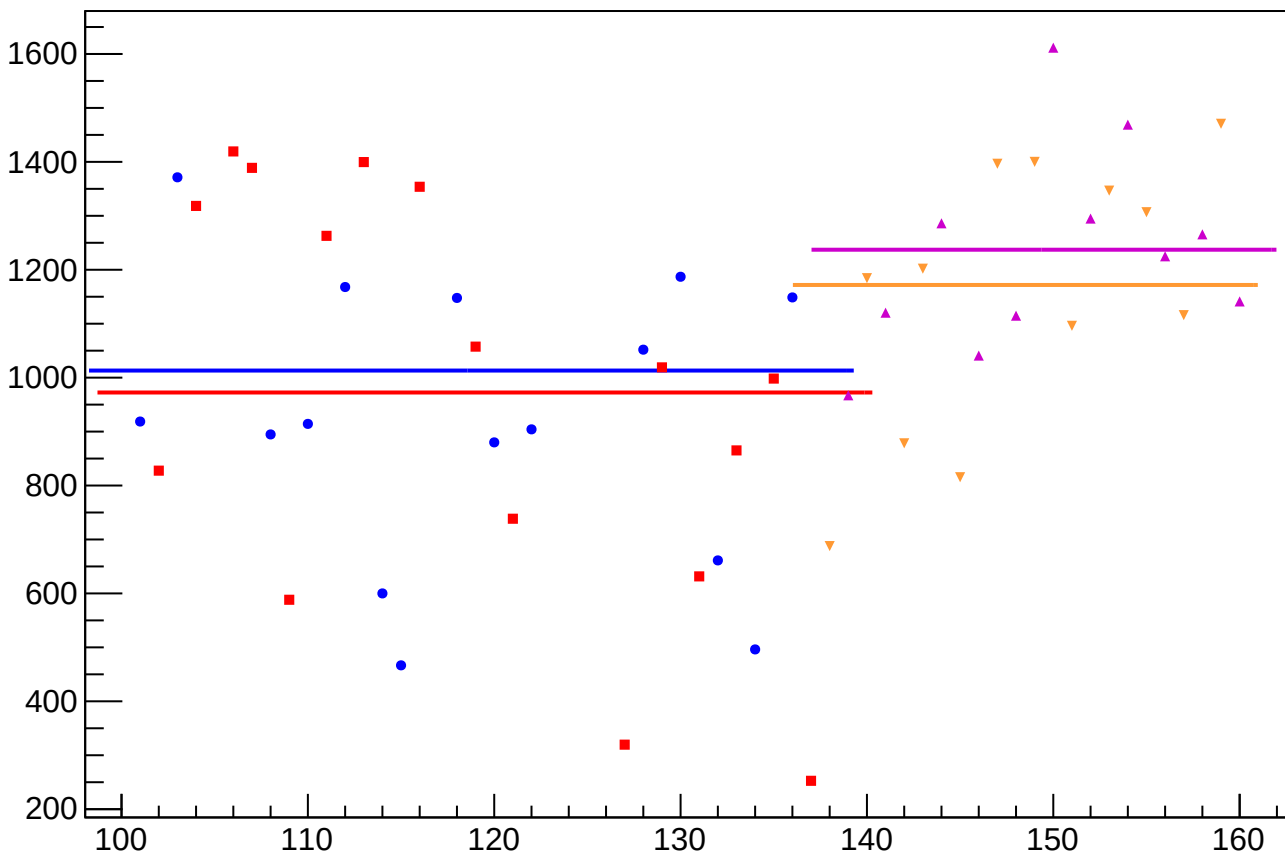
- sign 397.790+/-0.000 χ^2/NDF : 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left Out: 52.656+/-0.000 χ^2/NDF : 140159423385887976692066167541465088.0/11
 Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 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

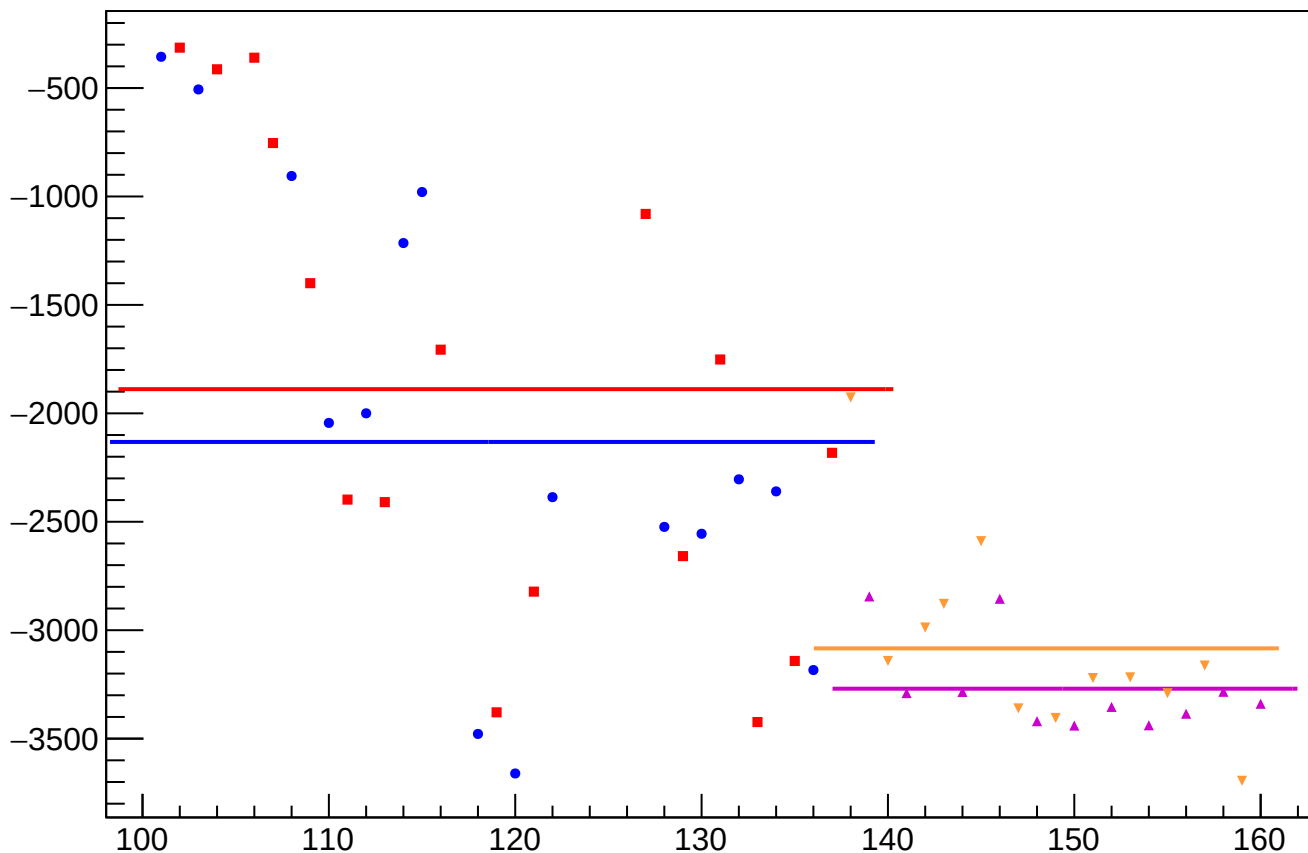
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

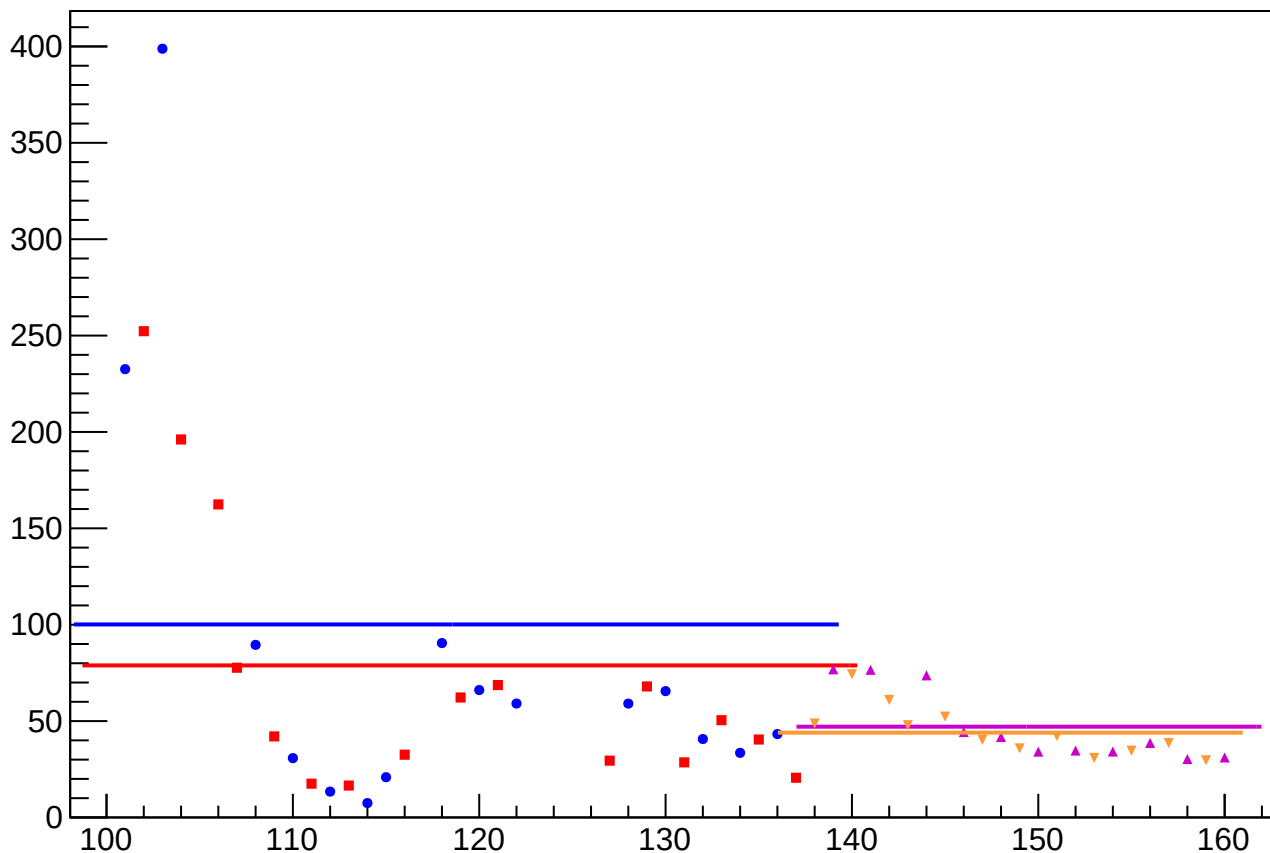
dit_sam8_coil6_mean vs Slug



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

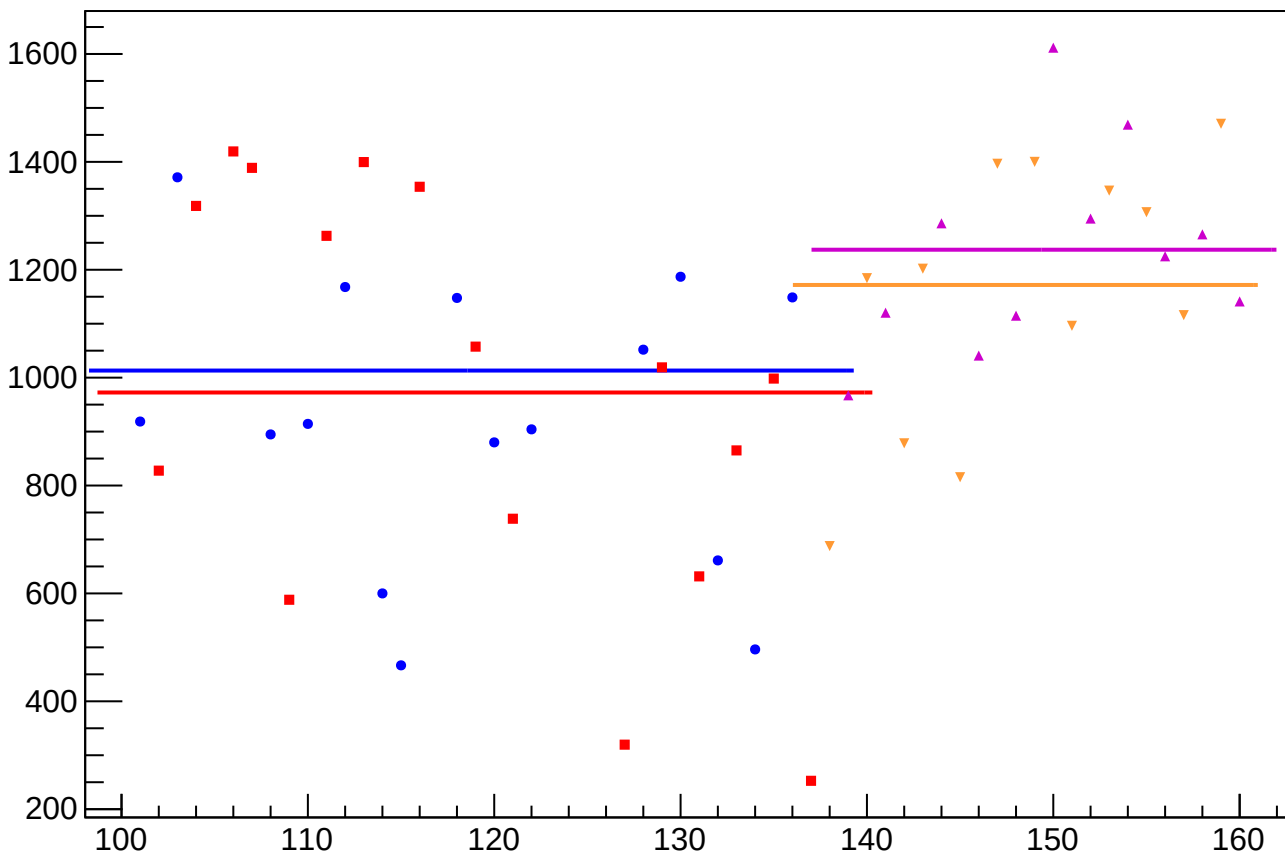
Left In: 47.092 +/- 0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ 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

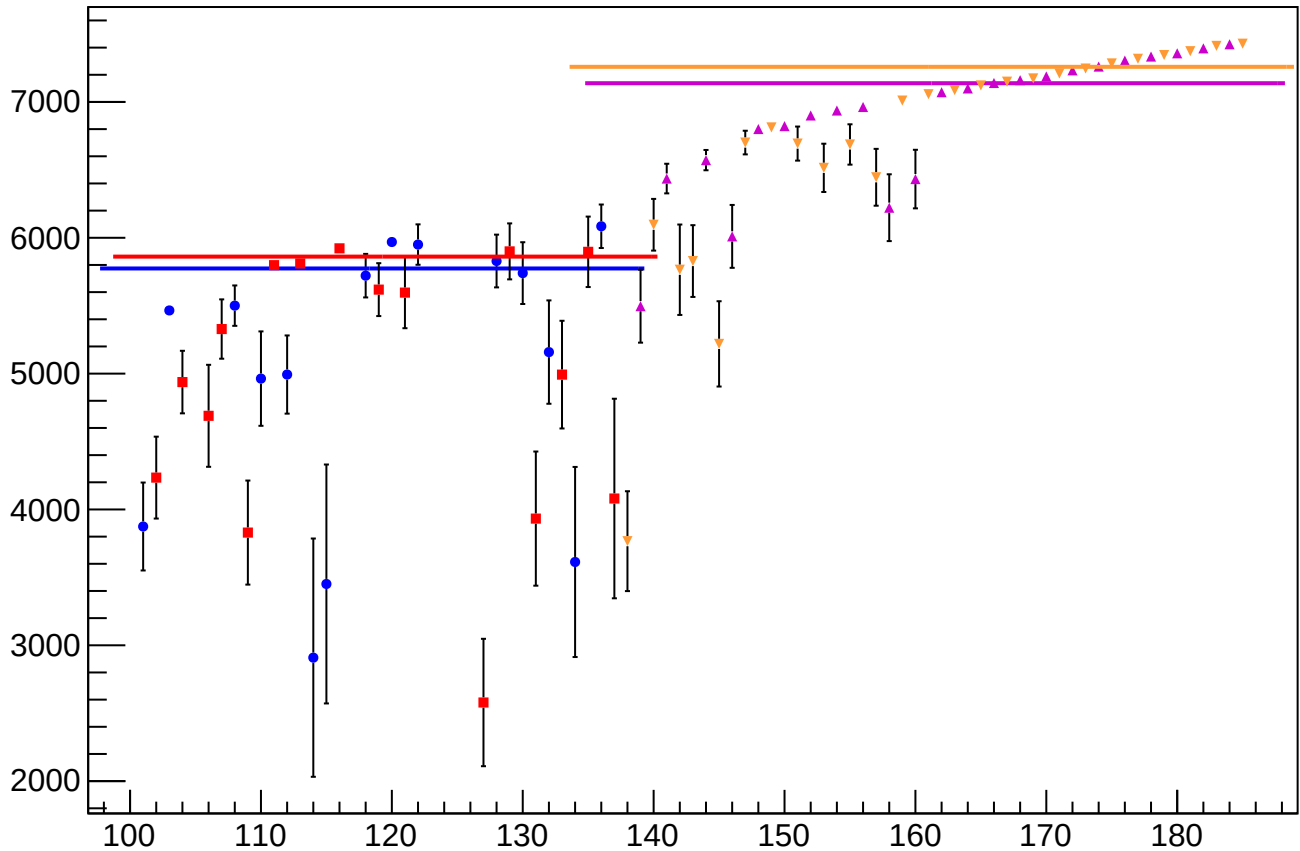
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

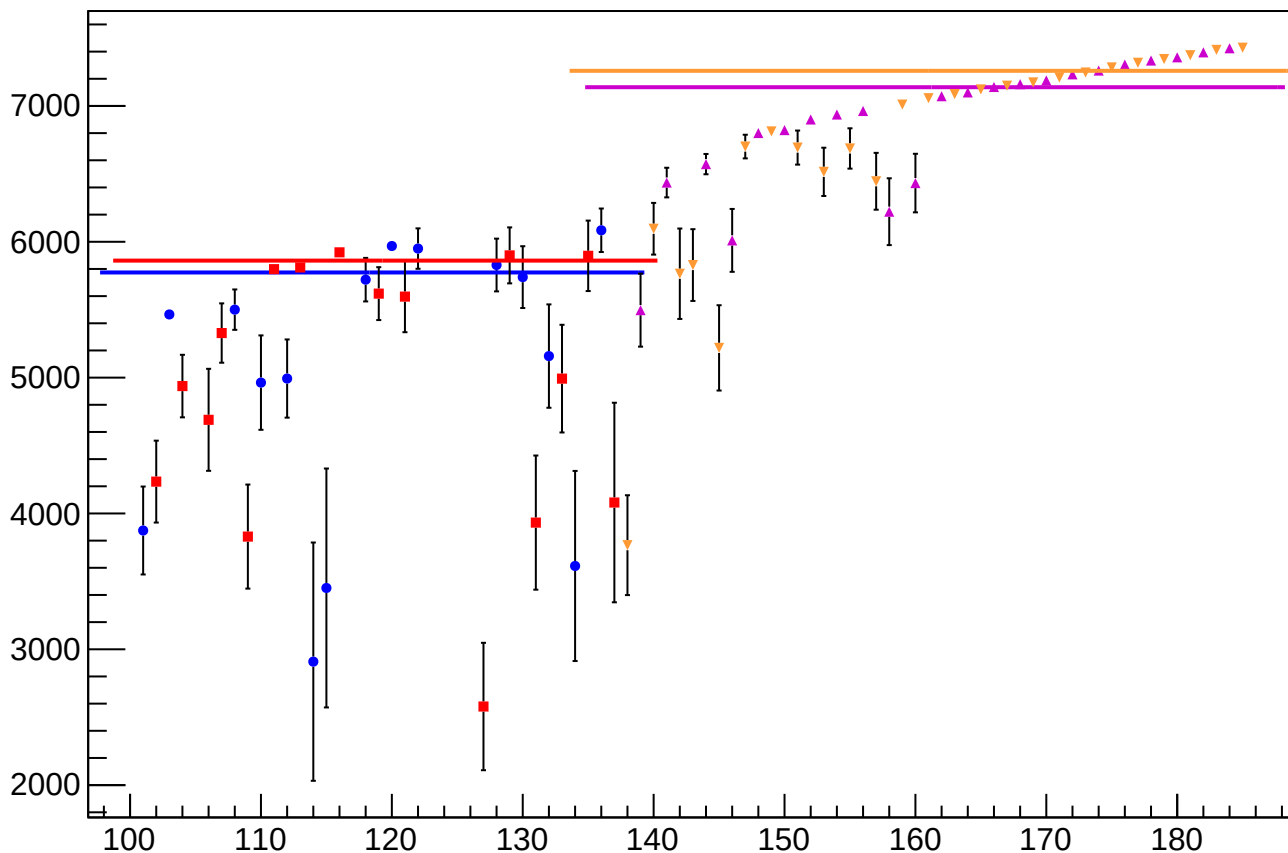
dit_run_mean vs Slug



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

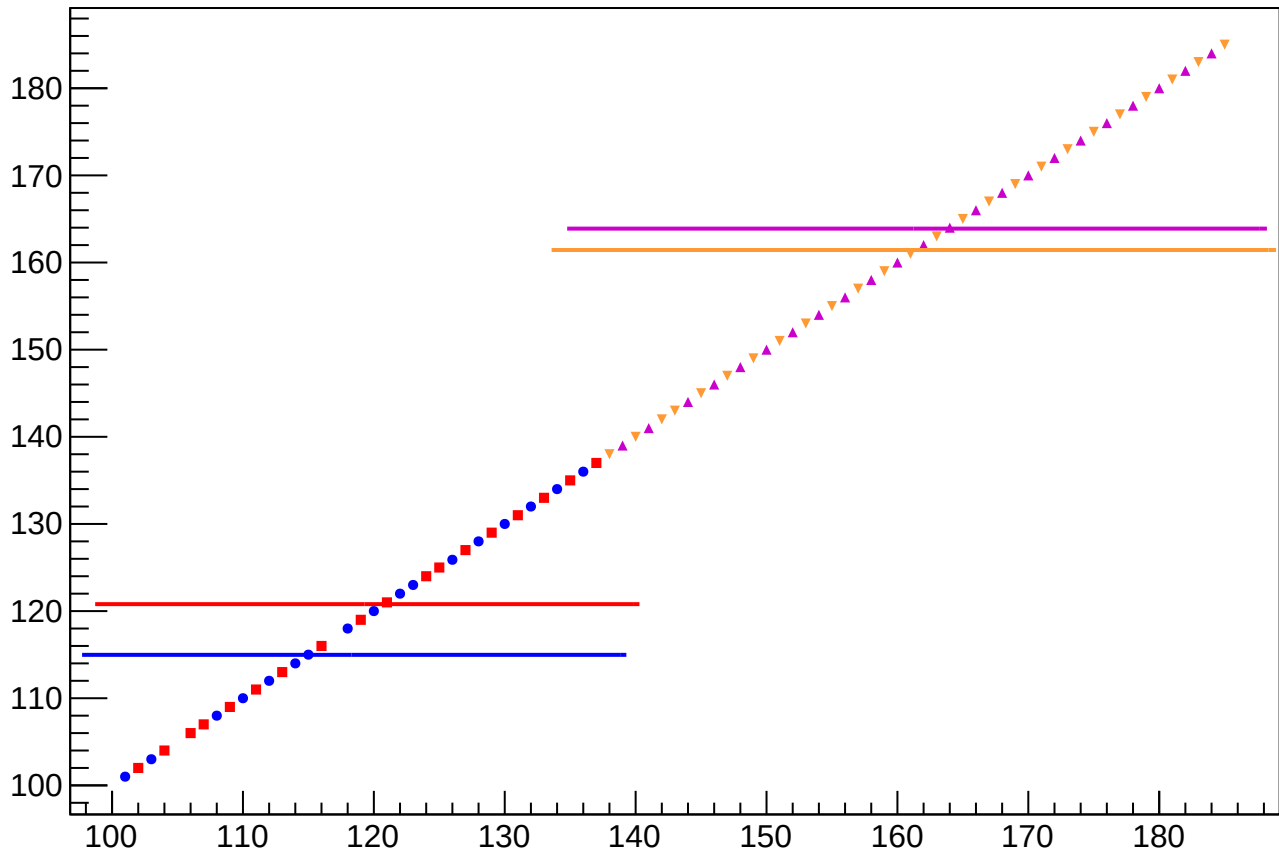
Left In: 7137.987+/-0.098 χ^2 /NDF: 4549121.8/22

+ sign 6955.870+/-0.082 χ^2 /NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2 /NDF: 124412873.1

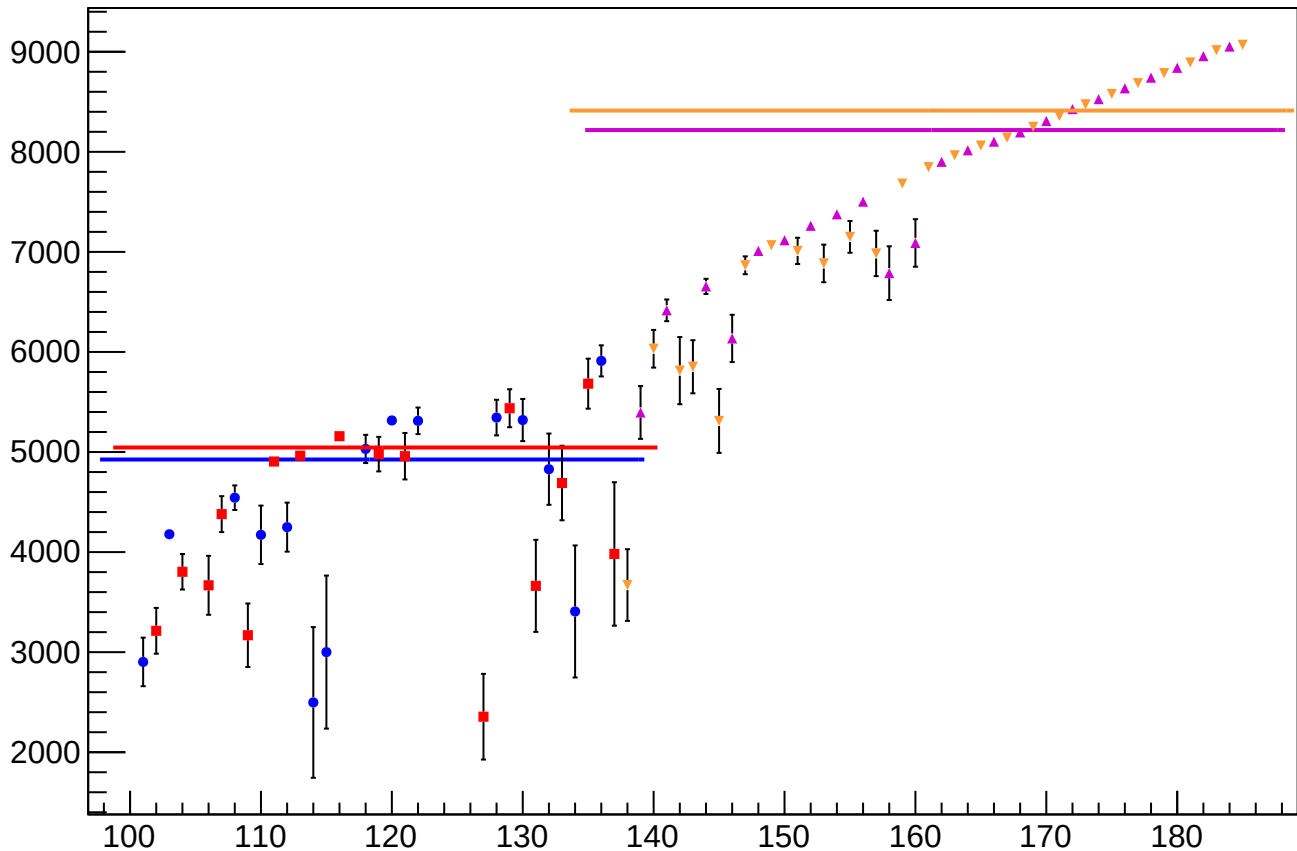
- sign 6715.075+/-0.080 χ^2 /NDF: 60662698.5/38

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
 All: 139.354+/-0.000 χ^2/NDF : 299301426527
 + sign 133.483+/-0.000 χ^2/NDF : 152516030568371
 - sign 145.590+/-0.000 χ^2/NDF : 129353472103461

dit_cyclenum_mean vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 8412.753 $\pm$ 0.396 χ^2 /NDF: 2106465.3/24

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

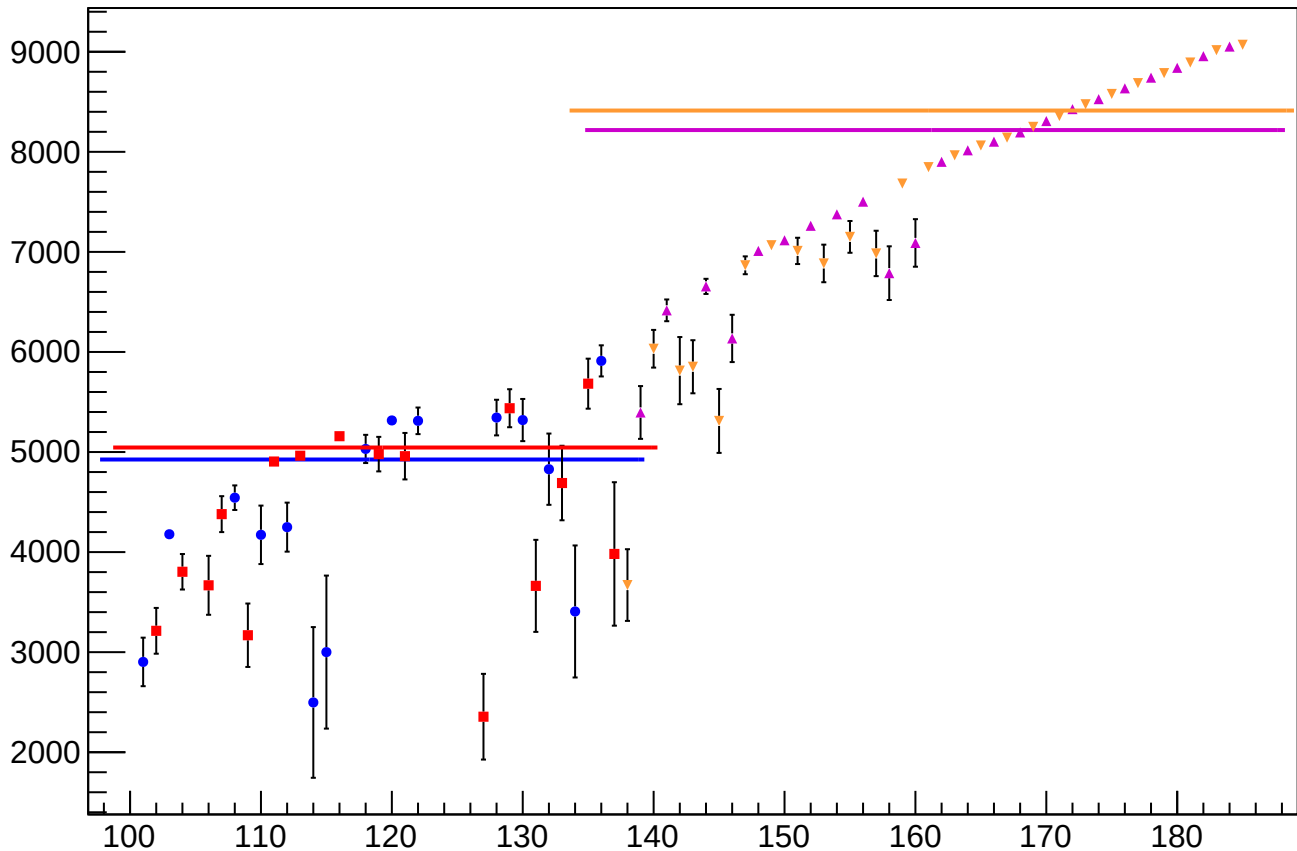
Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ sign 7886.489 $\pm$ 0.365 χ^2 /NDF: 14157267.1/39

All: 7641.112 $\pm$ 0.245 χ^2 /NDF: 35014772.5/7

- sign 7439.138 $\pm$ 0.331 χ^2 /NDF: 20031979.1/38

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 8412.753 ± 0.396 χ^2/NDF : 2106465.3/24

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

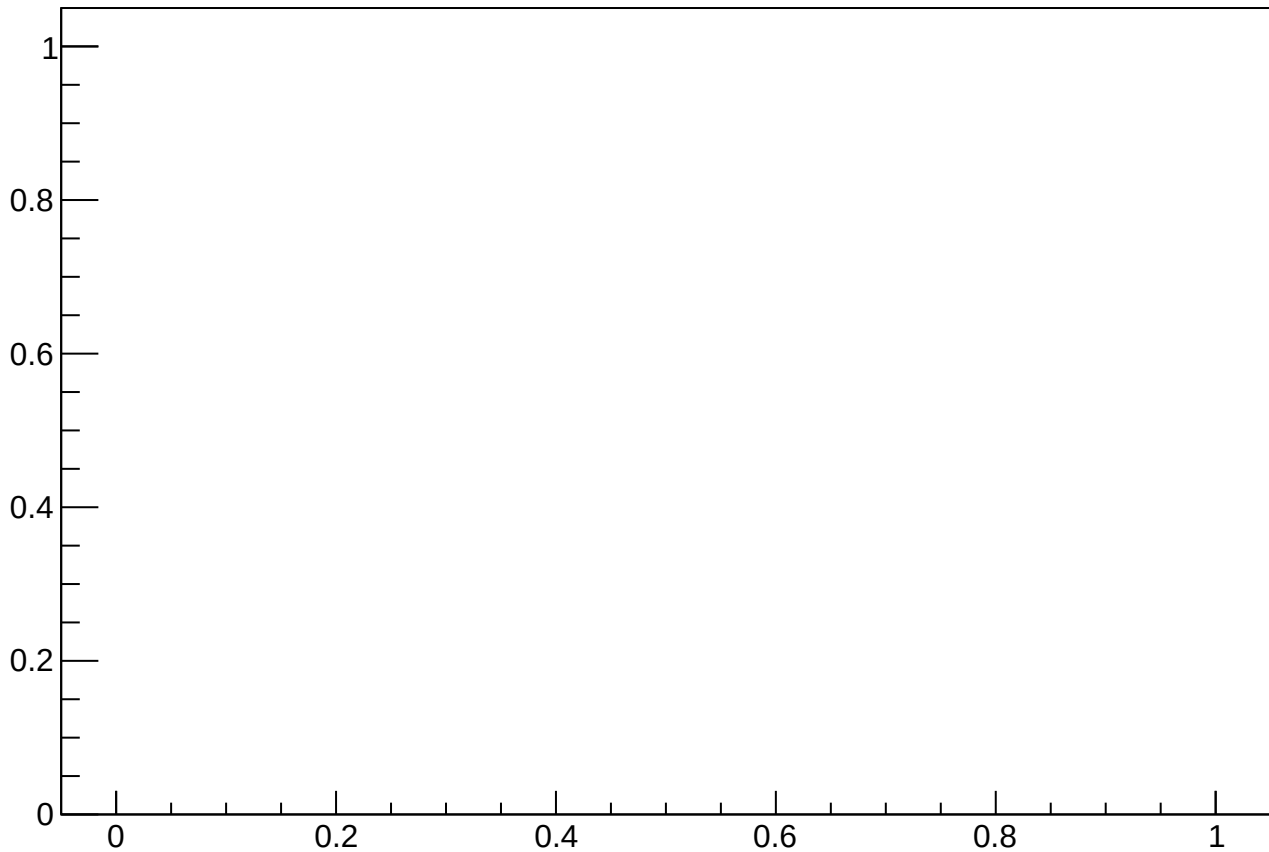
Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ sign 7886.489 ± 0.365 χ^2/NDF : 14157267.1/39

All: 7641.112 ± 0.245 χ^2/NDF : 35014772.5/7

- sign 7439.138 ± 0.331 χ^2/NDF : 20031979.1/38

dit_scandata1_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

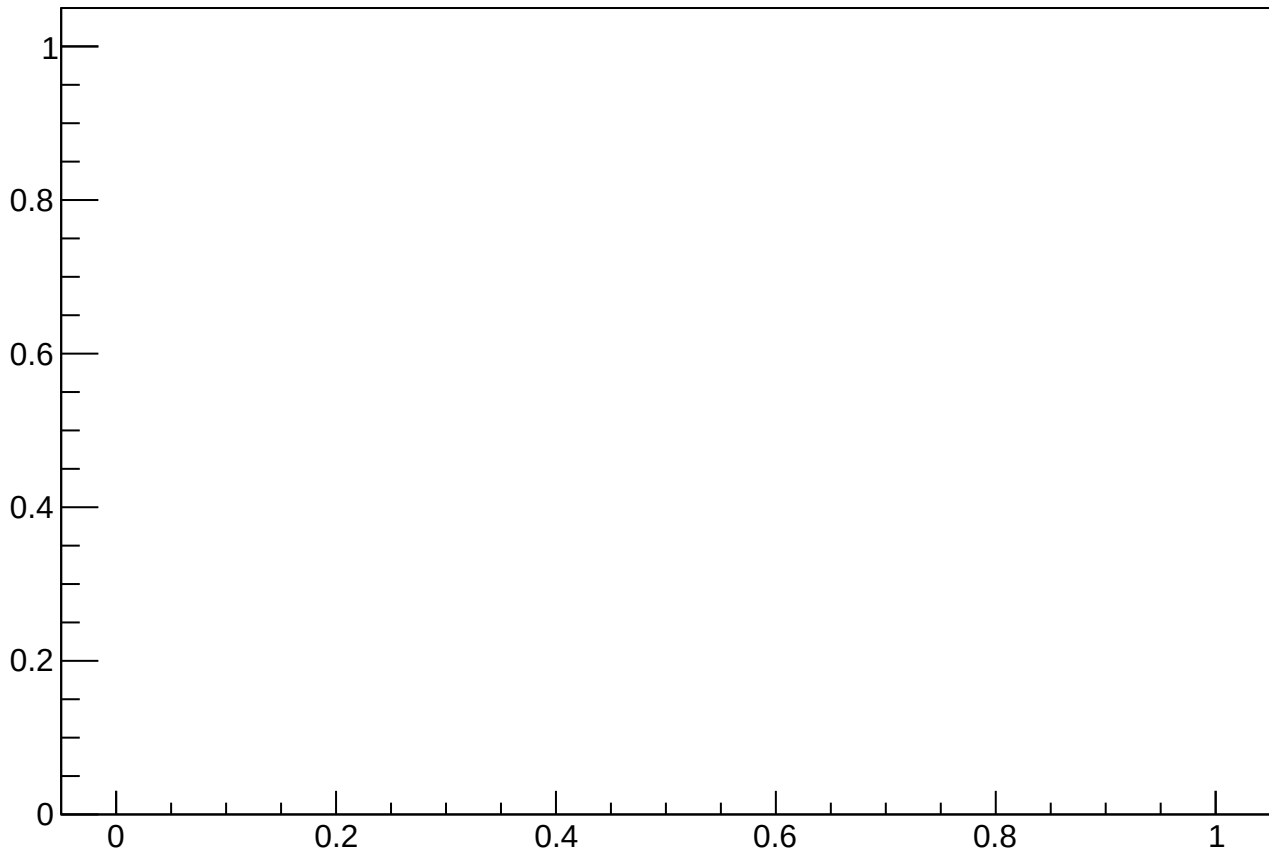
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_scandata1_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

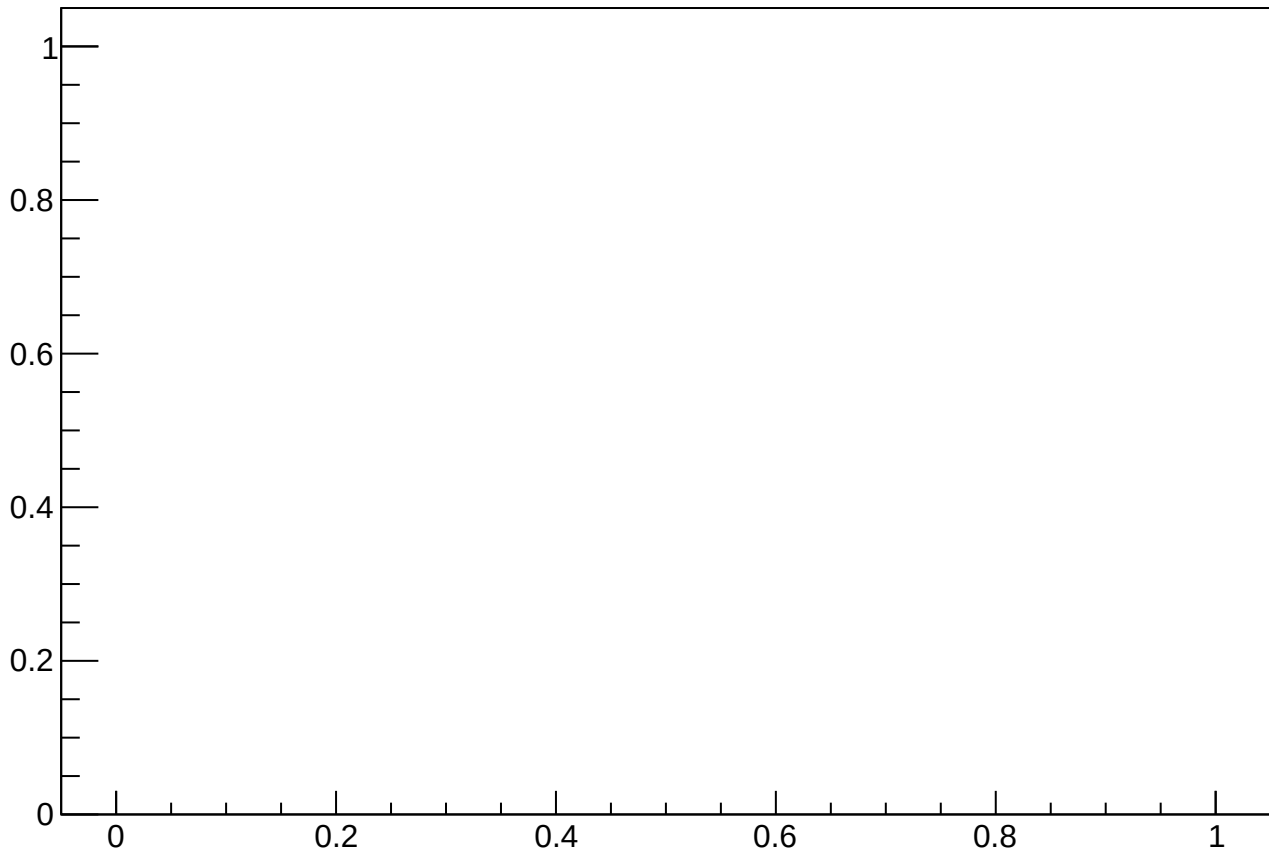
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_scandata2_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

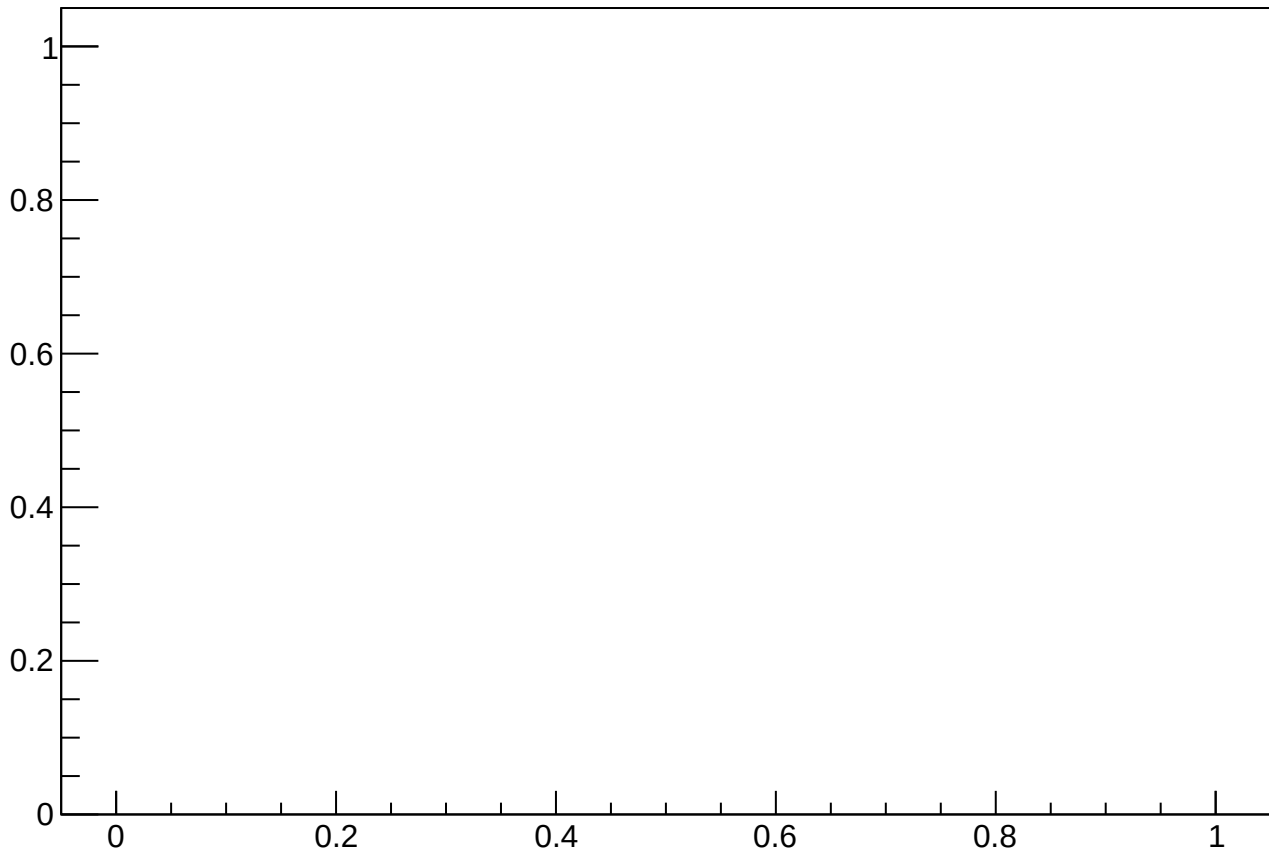
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_scandata2_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

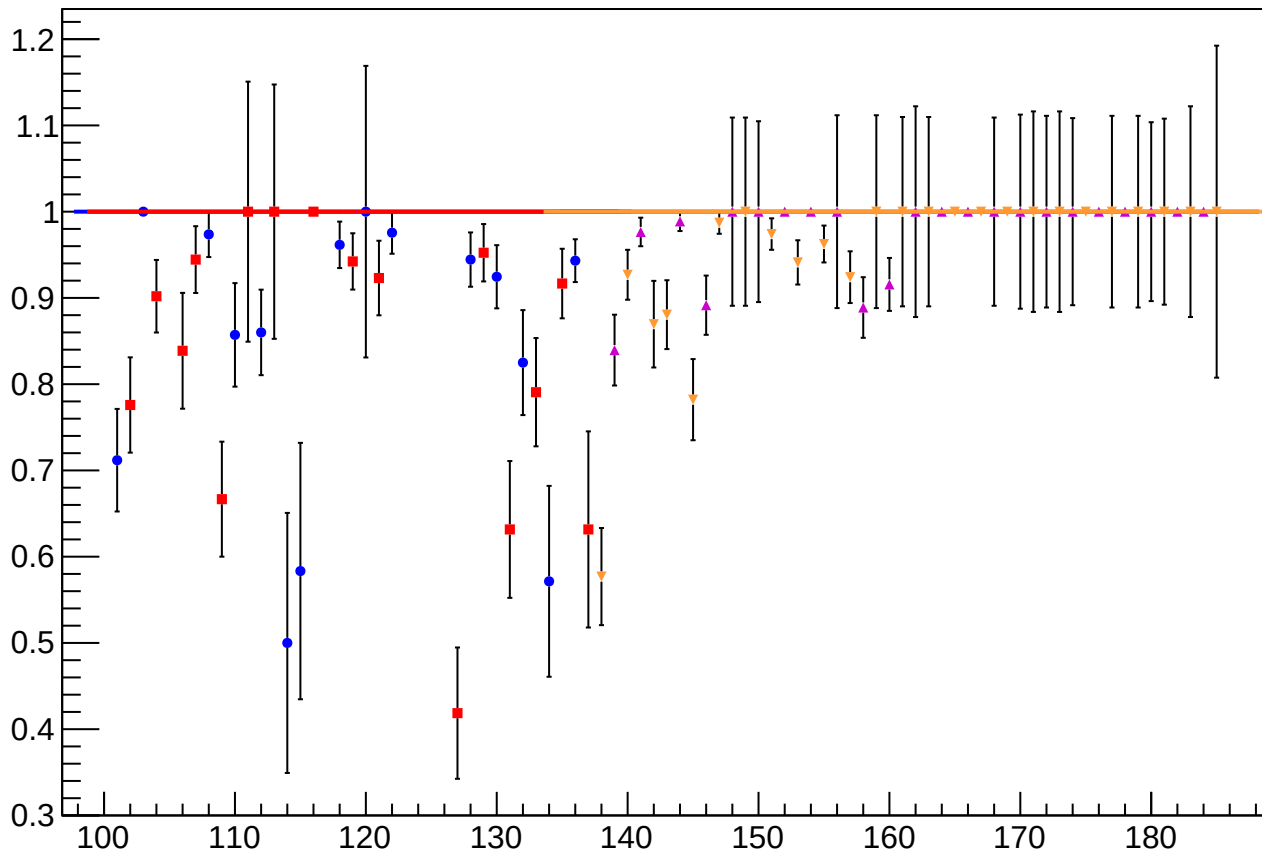
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

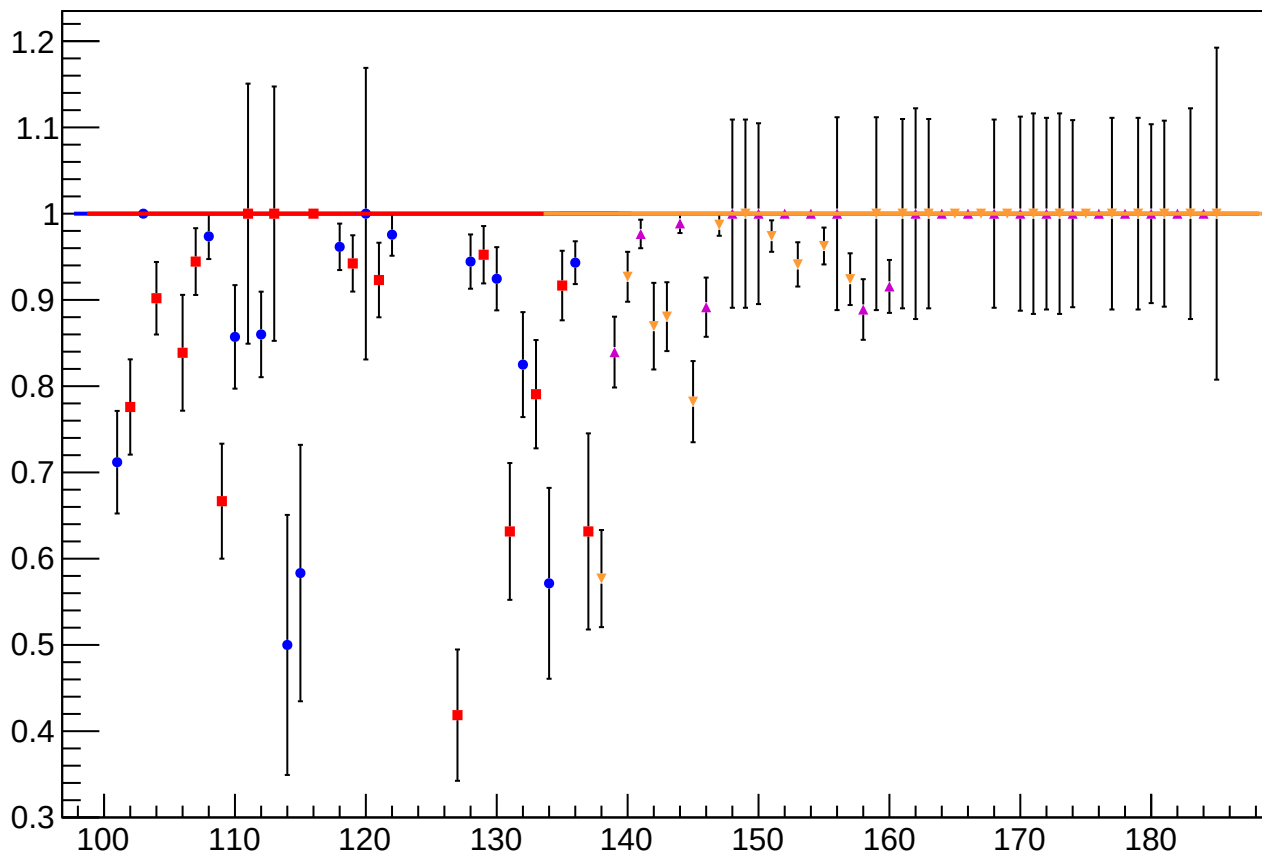
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/39

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1354.4/78

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 610.7/38

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 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

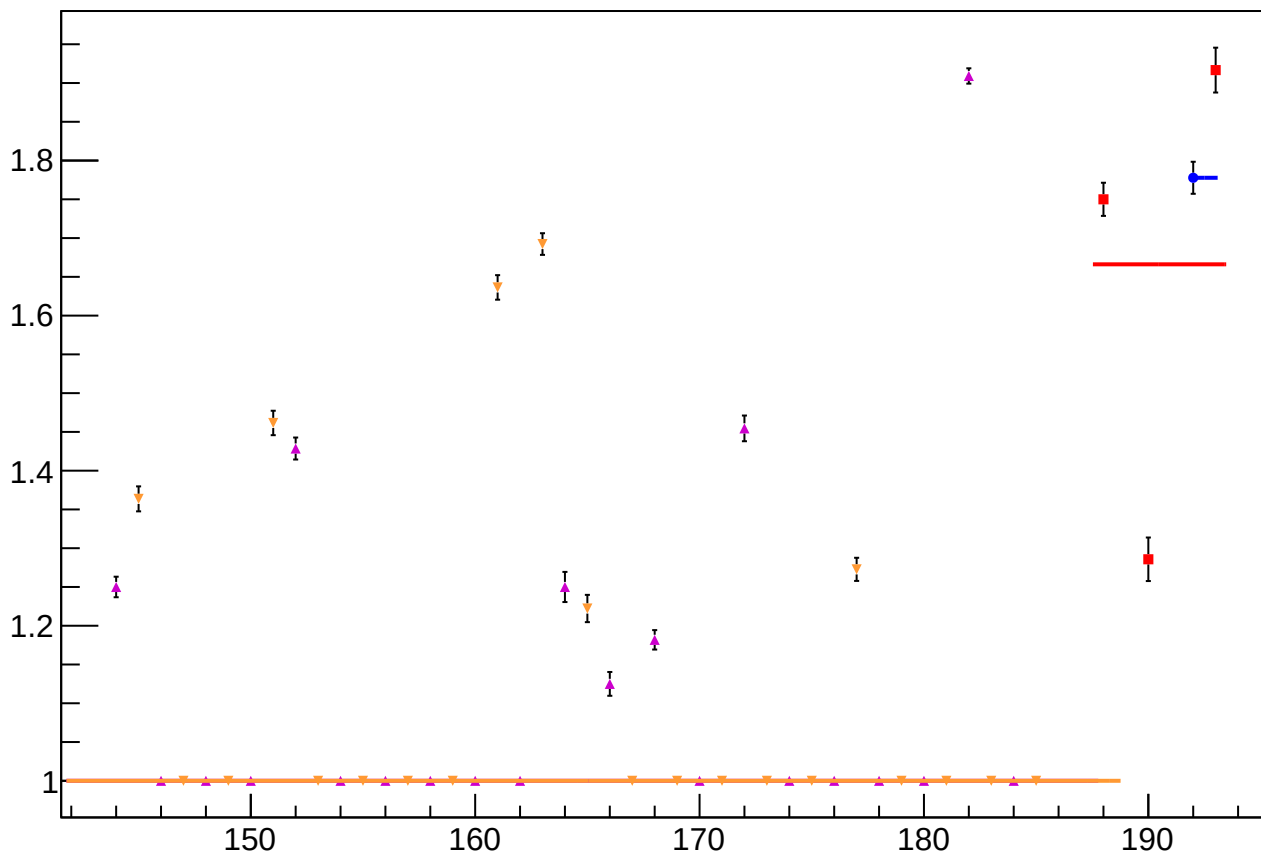
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ 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: 1.778 $\pm$ 0.021 χ^2 /NDF: 0.0/0

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:18616.2/20

Right Out: 1.666 $\pm$ 0.015 χ^2 /NDF: 274.1/2

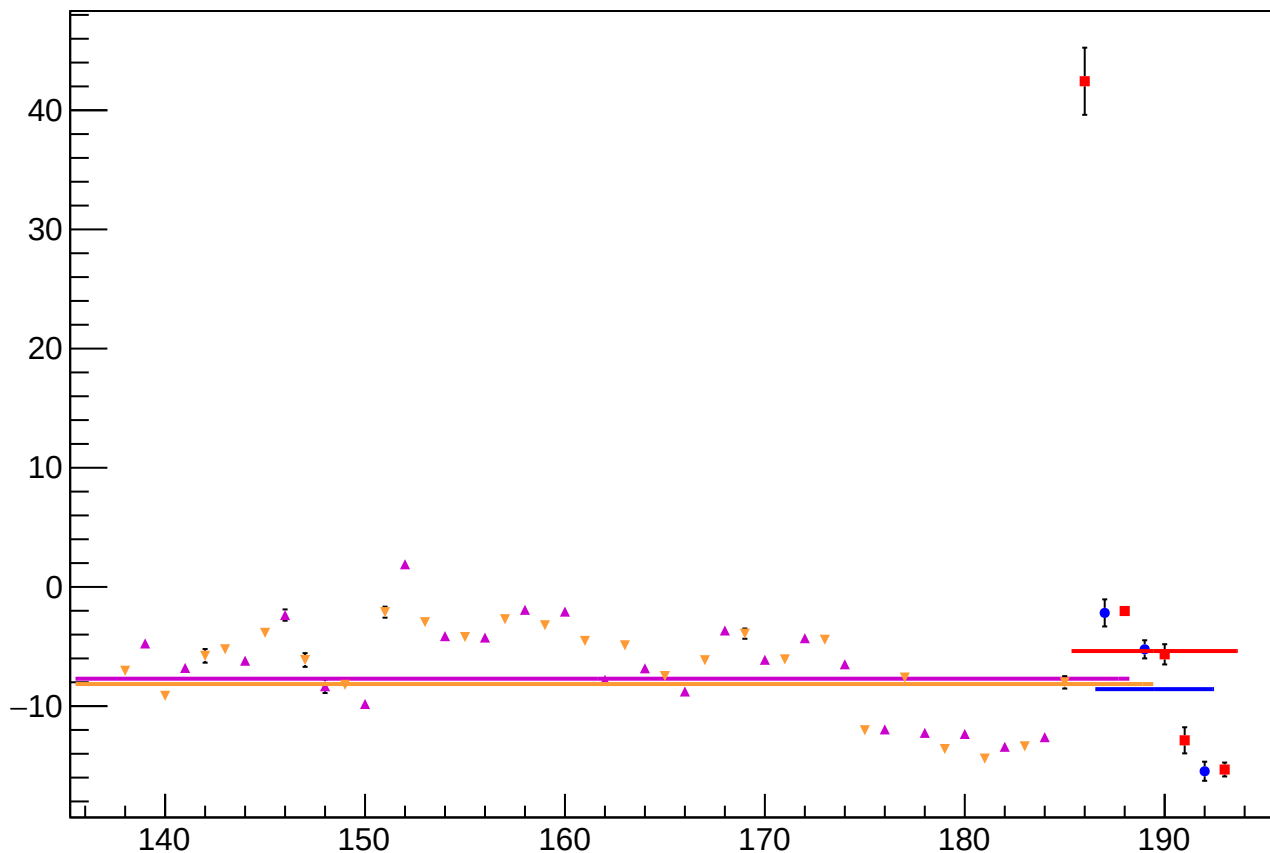
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:12089.0/20

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 20033.7/21

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 22869.5/45

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 14427.3/23

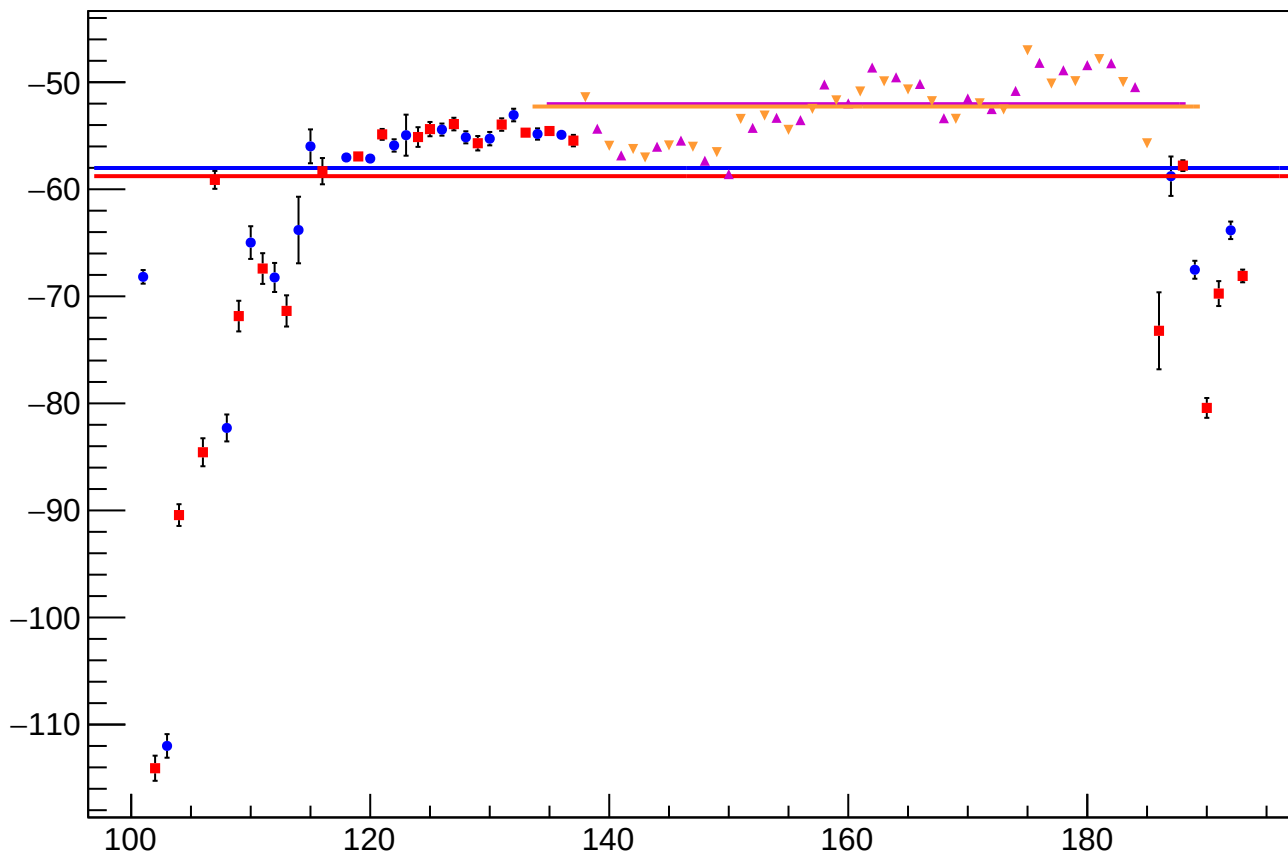
reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -8.576 ± 0.496 $\chi^2/\text{NDF}: 124.9/2$
 Left Out: -8.149 ± 0.068 $\chi^2/\text{NDF}: 3613.1/24$
 Right Out: -5.380 ± 0.266 $\chi^2/\text{NDF}: 724.7/4$
 Left In: -7.701 ± 0.068 $\chi^2/\text{NDF}: 3737.2/22$

+ sign -8.157 ± 0.067 $\chi^2/\text{NDF}: 3738.7/27$
 All: -7.854 ± 0.047 $\chi^2/\text{NDF}: 8312.6/55$
 - sign -7.557 ± 0.066 $\chi^2/\text{NDF}: 4533.4/27$

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -58.013 ± 0.137 χ^2/NDF : 3645.5/19

Left Out: -52.271 ± 0.055 χ^2/NDF : 2609.6/24

Right Out: -58.774 ± 0.132 χ^2/NDF : 5306.9/22

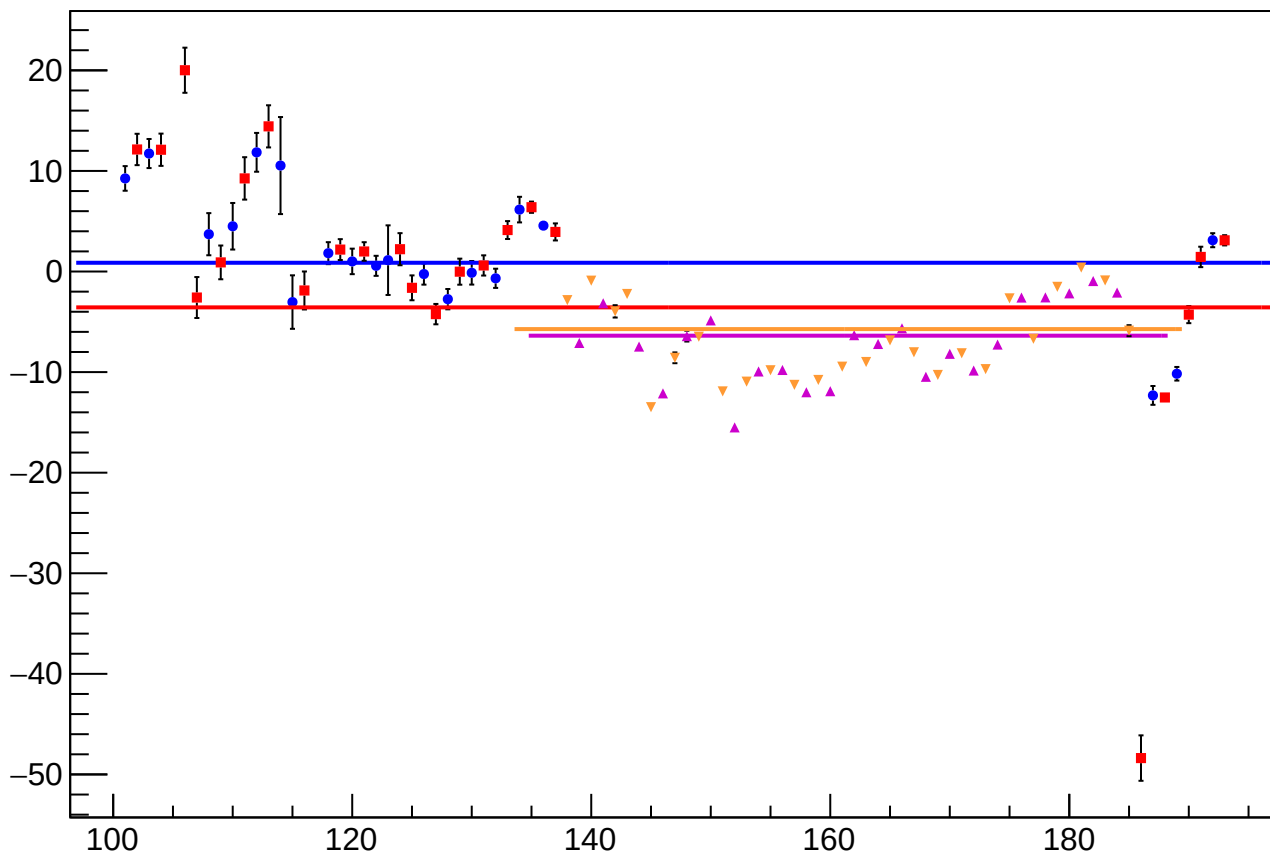
Left In: -52.050 ± 0.057 χ^2/NDF : 3197.5/22

+ sign -53.072 ± 0.051 χ^2/NDF : 7763.9/44

All: -53.090 ± 0.037 χ^2/NDF : 18460.7/90

- sign -53.109 ± 0.052 χ^2/NDF : 10696.6/45

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 0.871 ± 0.221 χ^2/NDF : 741.0/19

Left Out: -5.725 ± 0.068 χ^2/NDF : 3989.1/24

Right Out: -3.565 ± 0.172 χ^2/NDF : 2678.1/22

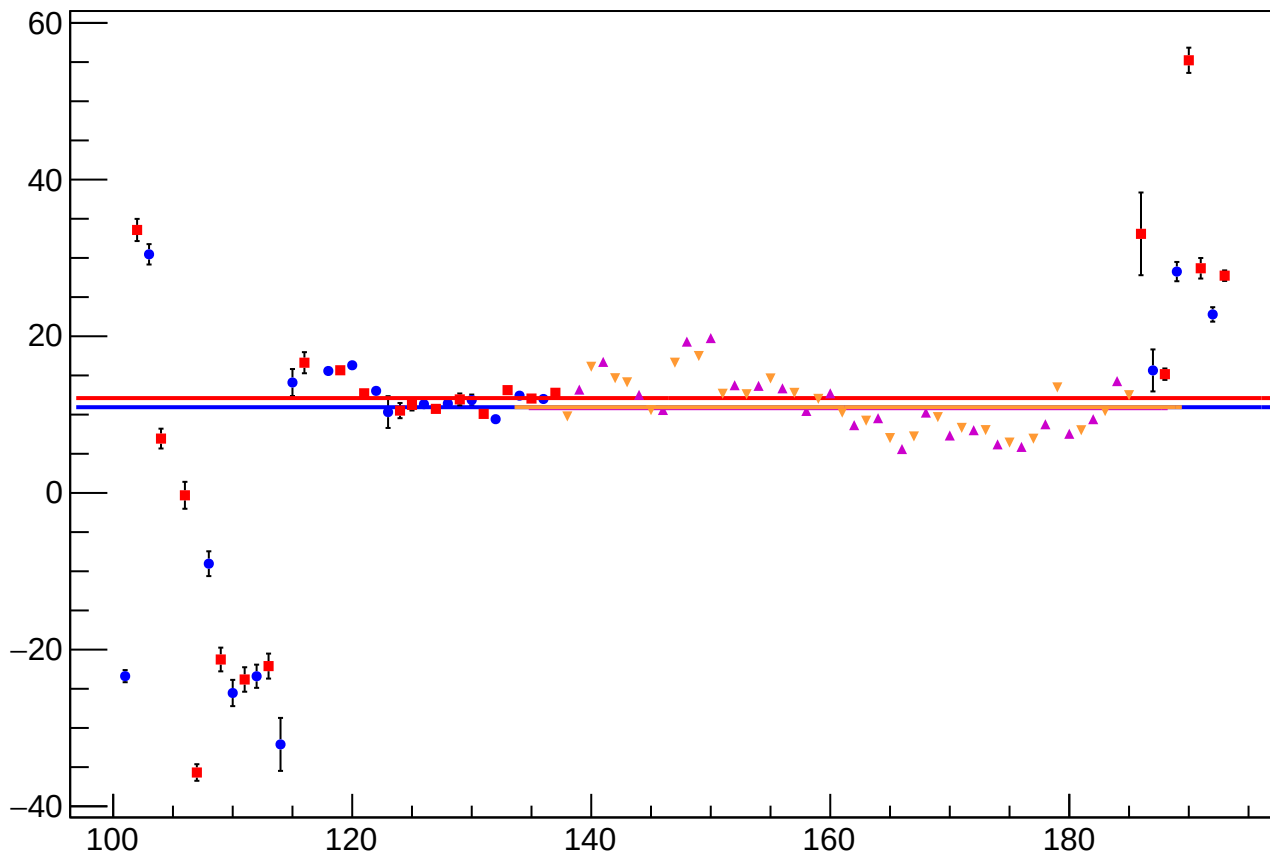
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -5.160 ± 0.065 χ^2/NDF : 5542.9/44

All: -5.586 ± 0.045 χ^2/NDF : 11933.0/90

- sign -5.996 ± 0.063 χ^2/NDF : 6305.1/45

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.944 $\pm$ 0.153 χ^2 /NDF: 4094.3/19

Left Out: 10.950 $\pm$ 0.062 χ^2 /NDF: 2620.4/24

Right Out: 12.109 $\pm$ 0.151 χ^2 /NDF: 5352.2/22

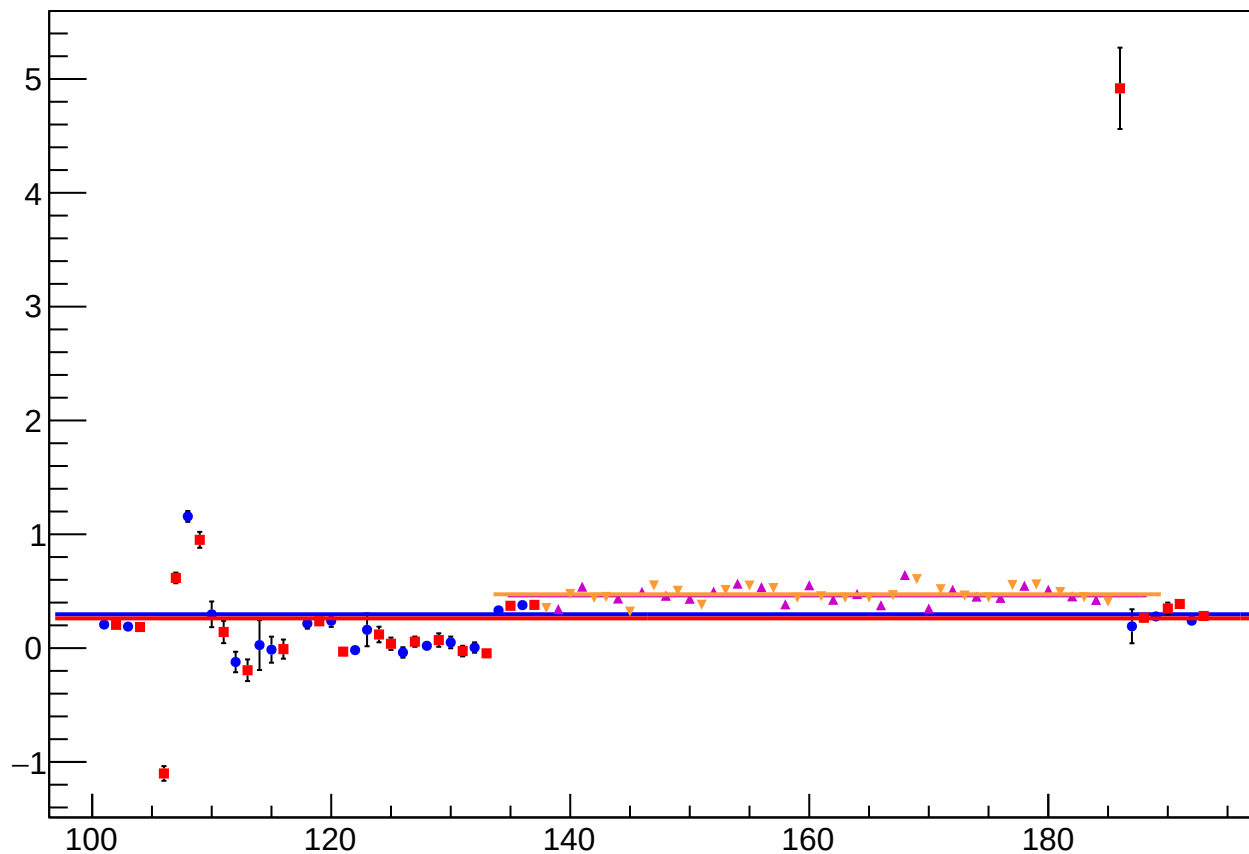
Left In: 10.818 $\pm$ 0.063 χ^2 /NDF: 3577.7/22

+ sign 10.949 $\pm$ 0.057 χ^2 /NDF: 6714.7/44

All: 10.979 $\pm$ 0.041 χ^2 /NDF: 15707.7/90

- sign 11.010 $\pm$ 0.058 χ^2 /NDF: 8992.4/45

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.297 ± 0.008 χ^2/NDF : 651.4/19

Left Out: 0.473 ± 0.003 χ^2/NDF : 515.0/24

Right Out: 0.261 ± 0.007 χ^2/NDF : 1141.9/22

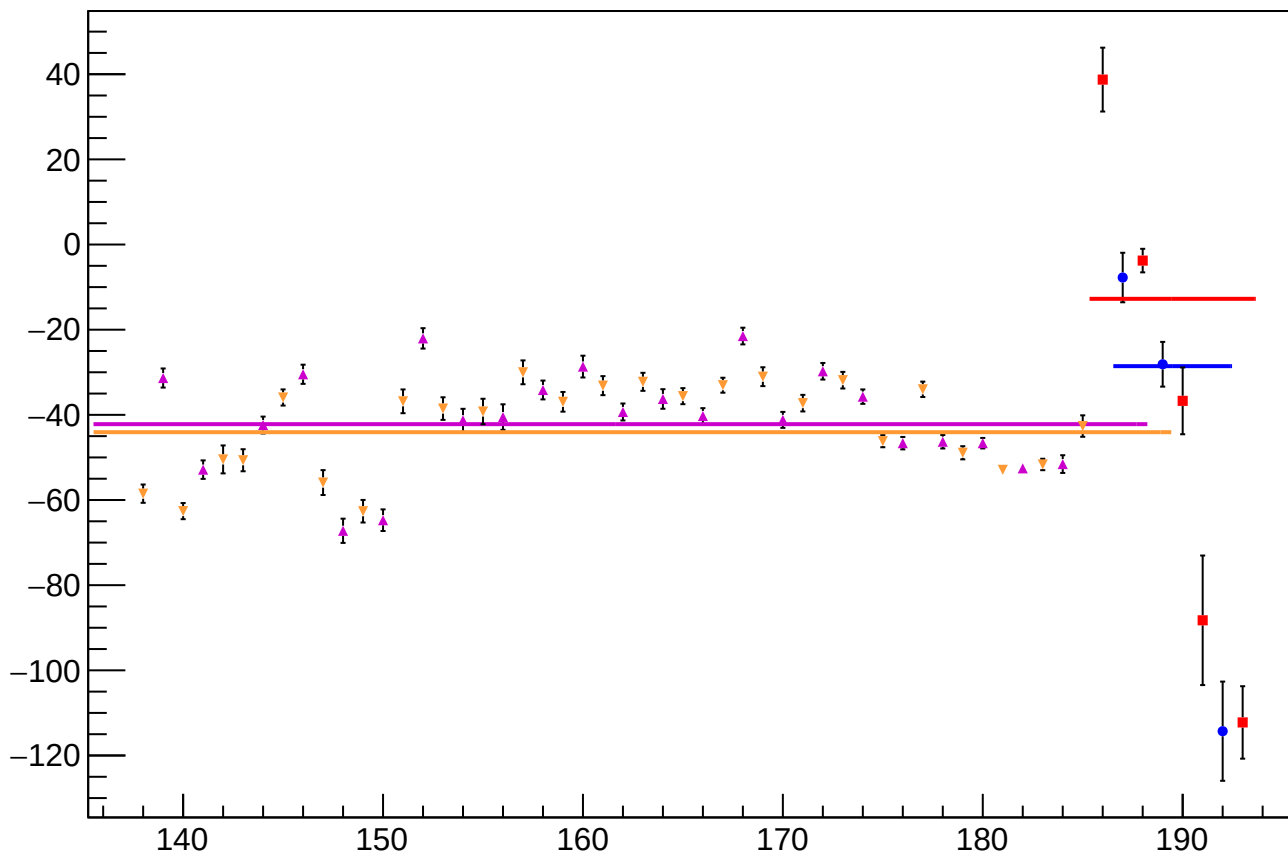
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.453 ± 0.003 χ^2/NDF : 1620.9/44

All: 0.446 ± 0.002 χ^2/NDF : 4179.2/90

- sign 0.439 ± 0.003 χ^2/NDF : 2543.3/45

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -28.564 ± 3.697 $\chi^2/\text{NDF}: 67.0/2$

Left Out: -44.074 ± 0.389 $\chi^2/\text{NDF}: 632.8/24$

Right Out: -12.752 ± 2.338 $\chi^2/\text{NDF}: 228.4/4$

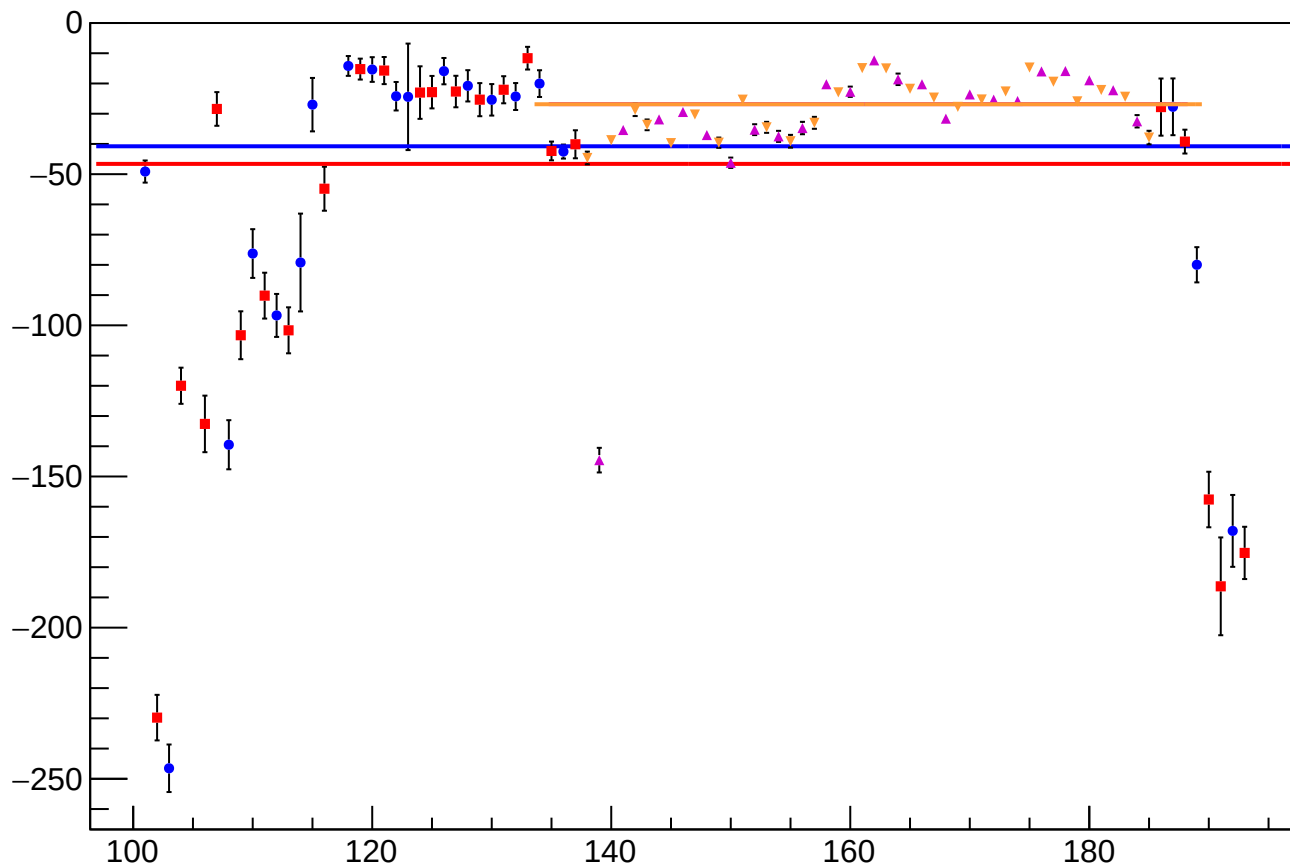
Left In: -42.185 ± 0.398 $\chi^2/\text{NDF}: 651.0/22$

+ sign -43.904 ± 0.387 $\chi^2/\text{NDF}: 717.2/27$

All: -42.647 ± 0.275 $\chi^2/\text{NDF}: 1772.0/55$

- sign -41.358 ± 0.392 $\chi^2/\text{NDF}: 1033.4/27$

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -40.774 ± 1.103 χ^2/NDF : 1299.1/19

Left Out: -26.867 ± 0.317 χ^2/NDF : 629.1/24

Right Out: -46.600 ± 1.128 χ^2/NDF : 1737.3/22

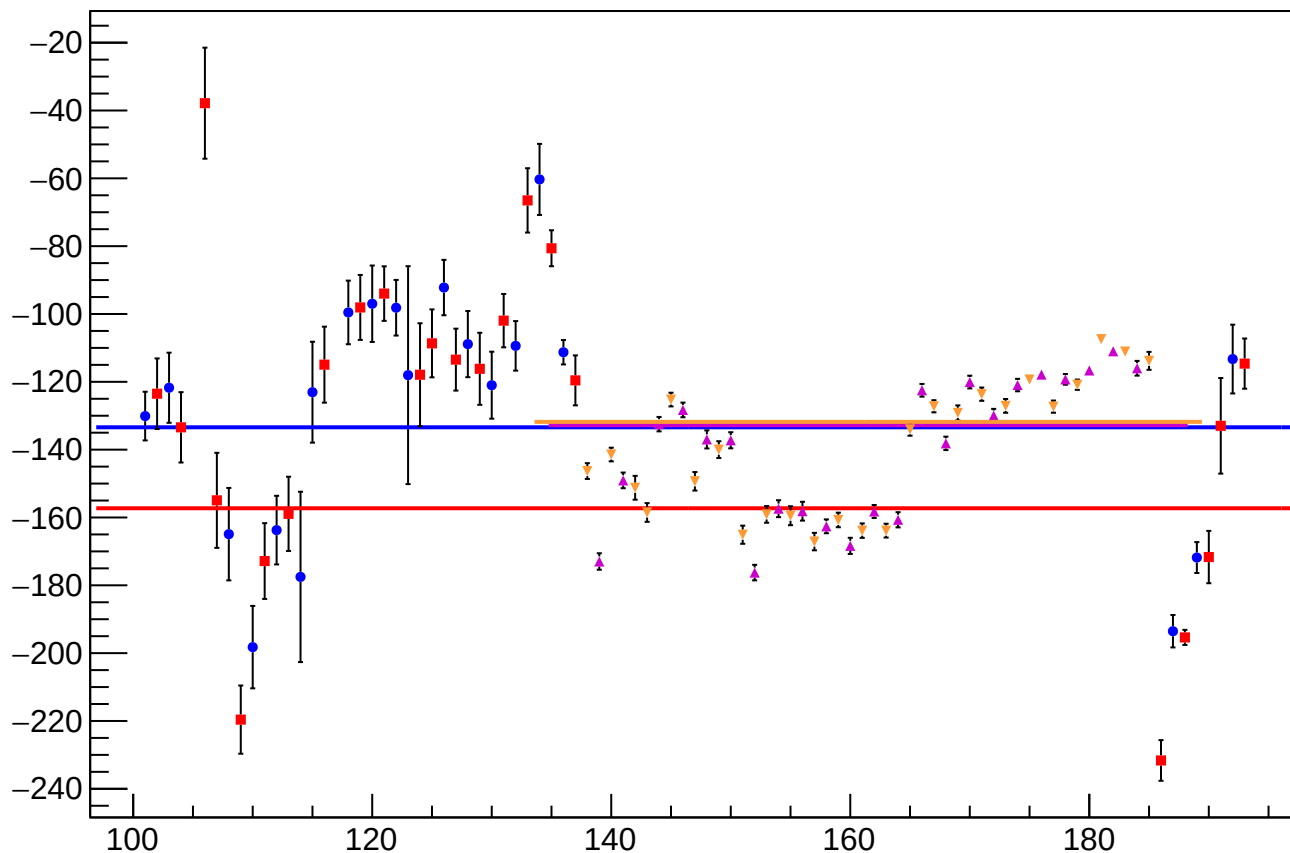
Left In: -26.825 ± 0.325 χ^2/NDF : 1481.6/22

+ sign -27.928 ± 0.305 χ^2/NDF : 2075.0/44

All: -28.131 ± 0.218 χ^2/NDF : 5578.4/90

- sign -28.344 ± 0.313 χ^2/NDF : 3502.6/45

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -133.411 $\pm$ 1.729 χ^2 /NDF: 454.0/19

Left Out: -131.805 $\pm$ 0.392 χ^2 /NDF:2417.0/24

Right Out: -157.282 $\pm$ 1.453 χ^2 /NDF: 1154.1/22

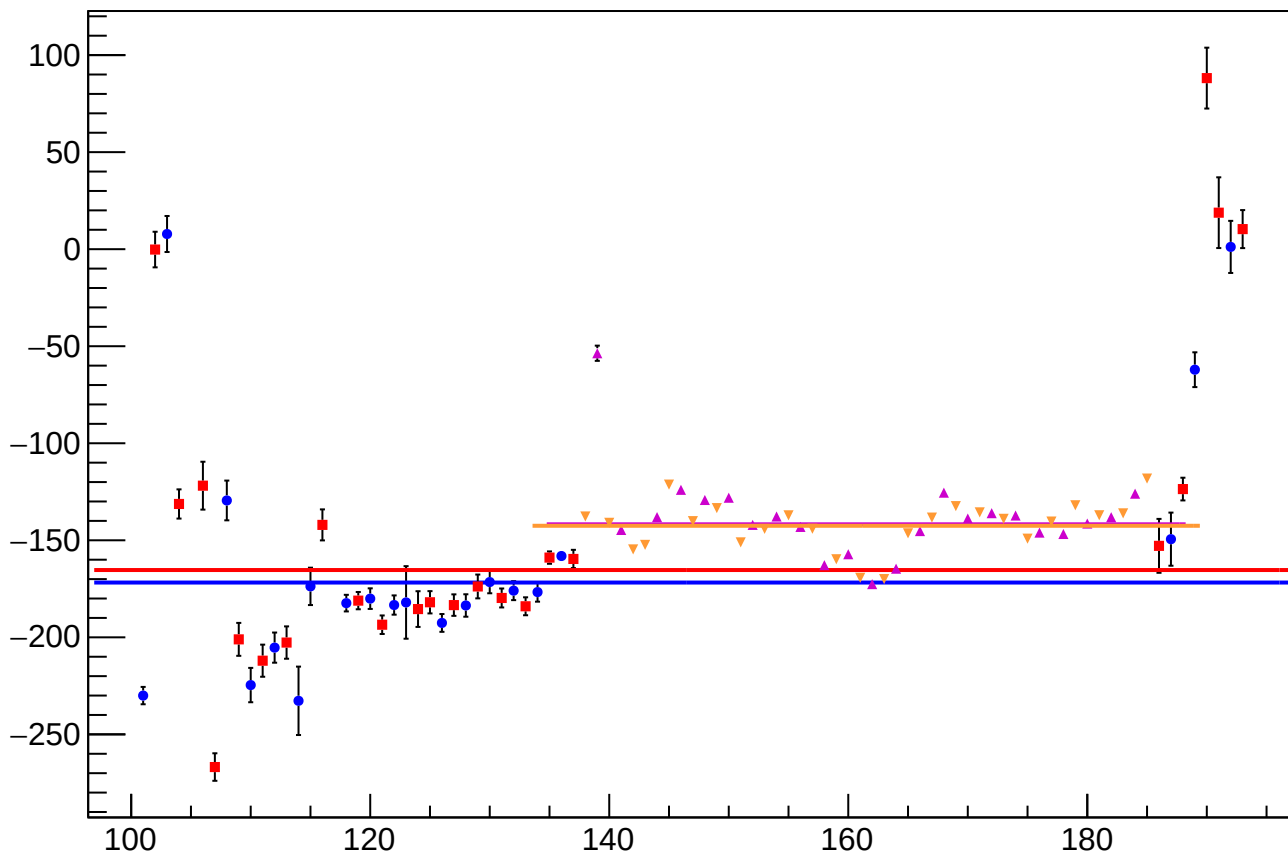
Left In: -132.799 $\pm$ 0.398 χ^2 /NDF:2515.9/22

+ sign -131.884 $\pm$ 0.382 χ^2 /NDF: 2871.9/44

All: -133.190 $\pm$ 0.271 χ^2 /NDF: 6829.4/90

- sign -134.507 $\pm$ 0.384 χ^2 /NDF: 3934.0/45

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -171.769 ± 1.244 $\chi^2/\text{NDF}: 1020.9/19$

Left Out: -142.517 ± 0.355 $\chi^2/\text{NDF}: 1144.2/24$

Right Out: -165.325 ± 1.296 $\chi^2/\text{NDF}: 1480.5/22$

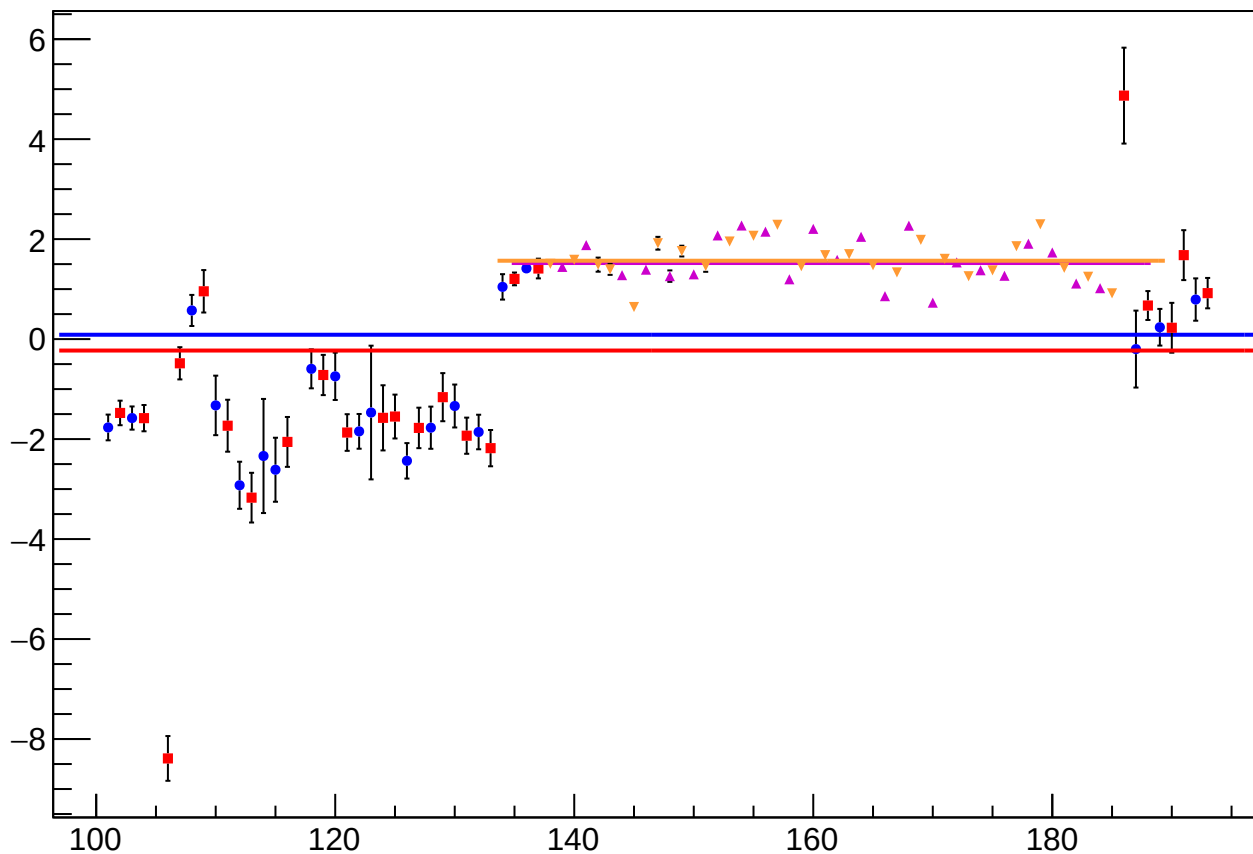
Left In: -141.769 ± 0.363 $\chi^2/\text{NDF}: 1604.4/22$

+ sign -144.715 ± 0.341 $\chi^2/\text{NDF}: 2676.0/44$

All: -144.112 ± 0.244 $\chi^2/\text{NDF}: 6073.6/90$

- sign -143.479 ± 0.349 $\chi^2/\text{NDF}: 3391.1/45$

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.087 $\pm$ 0.065 χ^2/NDF : 529.3/19

Left Out: 1.568 $\pm$ 0.016 χ^2/NDF : 541.0/24

Right Out: -0.229 $\pm$ 0.066 χ^2/NDF : 817.0/22

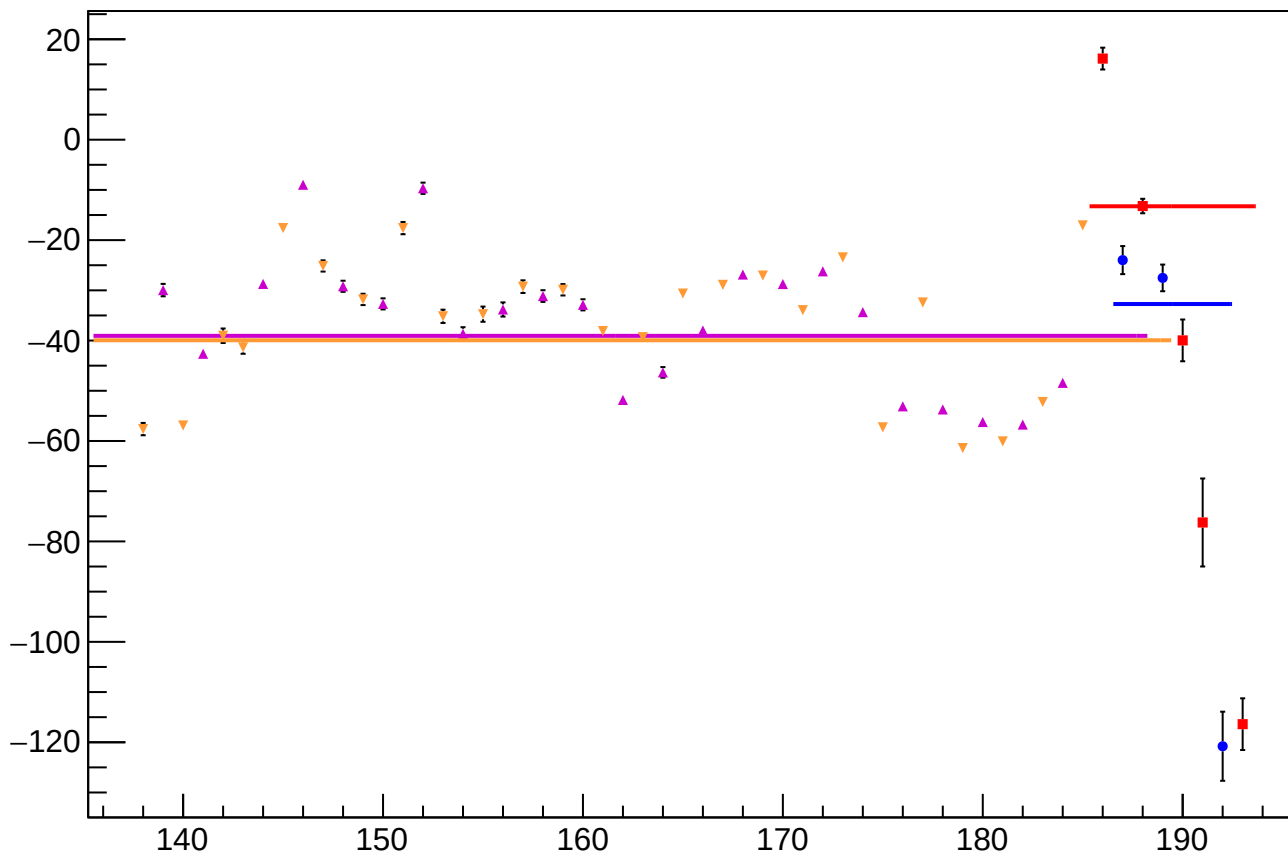
Left In: 1.522 $\pm$ 0.016 χ^2/NDF : 739.1/22

+ sign 1.481 $\pm$ 0.016 χ^2/NDF : 1560.6/44

All: 1.451 $\pm$ 0.011 χ^2/NDF : 3784.5/90

- sign 1.420 $\pm$ 0.016 χ^2/NDF : 2216.5/45

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -32.727 ± 1.853 $\chi^2/\text{NDF}: 177.4/2$

Left Out: -39.942 ± 0.153 $\chi^2/\text{NDF}: 9806.2/24$

Right Out: -13.260 ± 1.116 $\chi^2/\text{NDF}: 677.8/4$

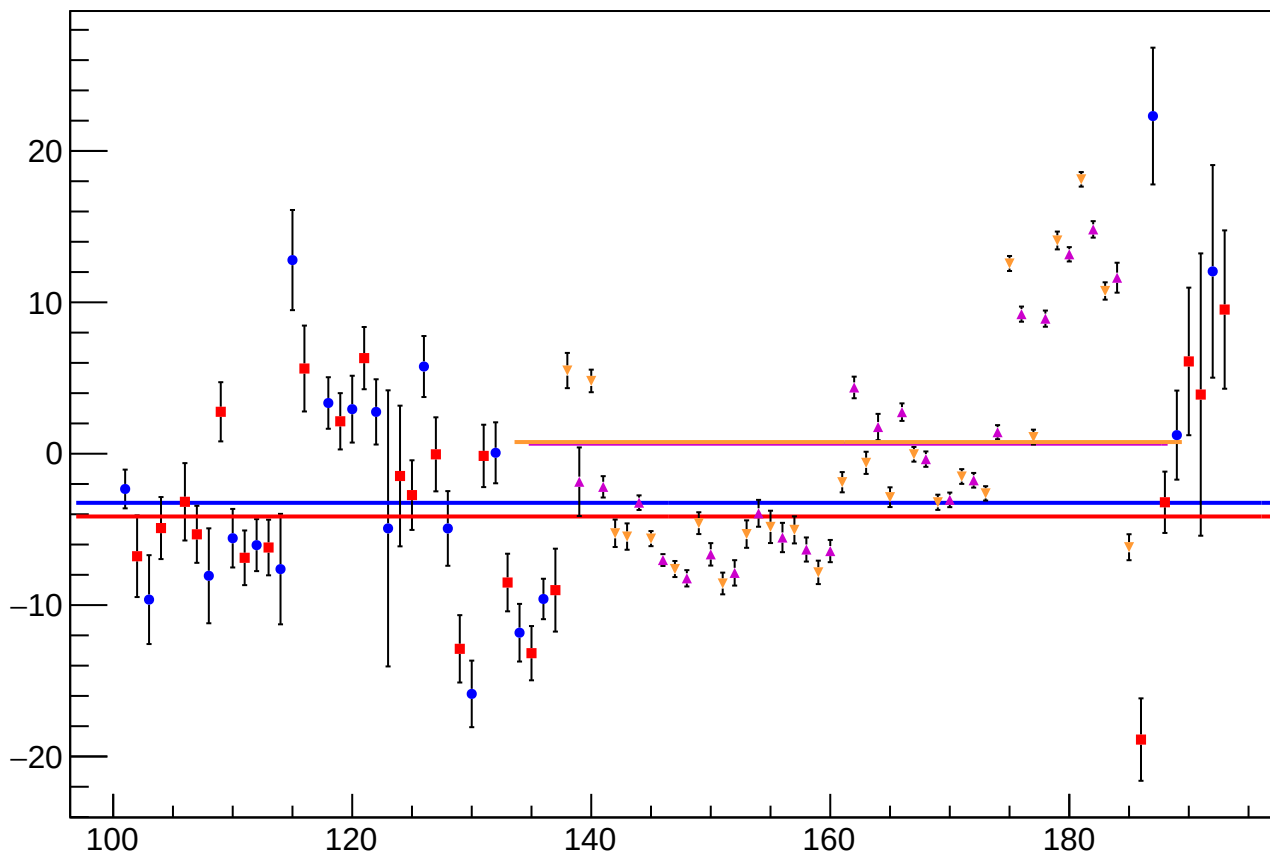
Left In: -39.060 ± 0.154 $\chi^2/\text{NDF}: 8577.0/22$

+ sign -39.893 ± 0.153 $\chi^2/\text{NDF}: 9998.6/27$

All: -39.234 ± 0.108 $\chi^2/\text{NDF}: 19814.9/55$

- sign -38.578 ± 0.152 $\chi^2/\text{NDF}: 9779.2/27$

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.245 ± 0.484 χ^2/NDF : 205.4/19

Left Out: 0.770 ± 0.124 χ^2/NDF : 3952.9/24

Right Out: -4.147 ± 0.479 χ^2/NDF : 164.9/22

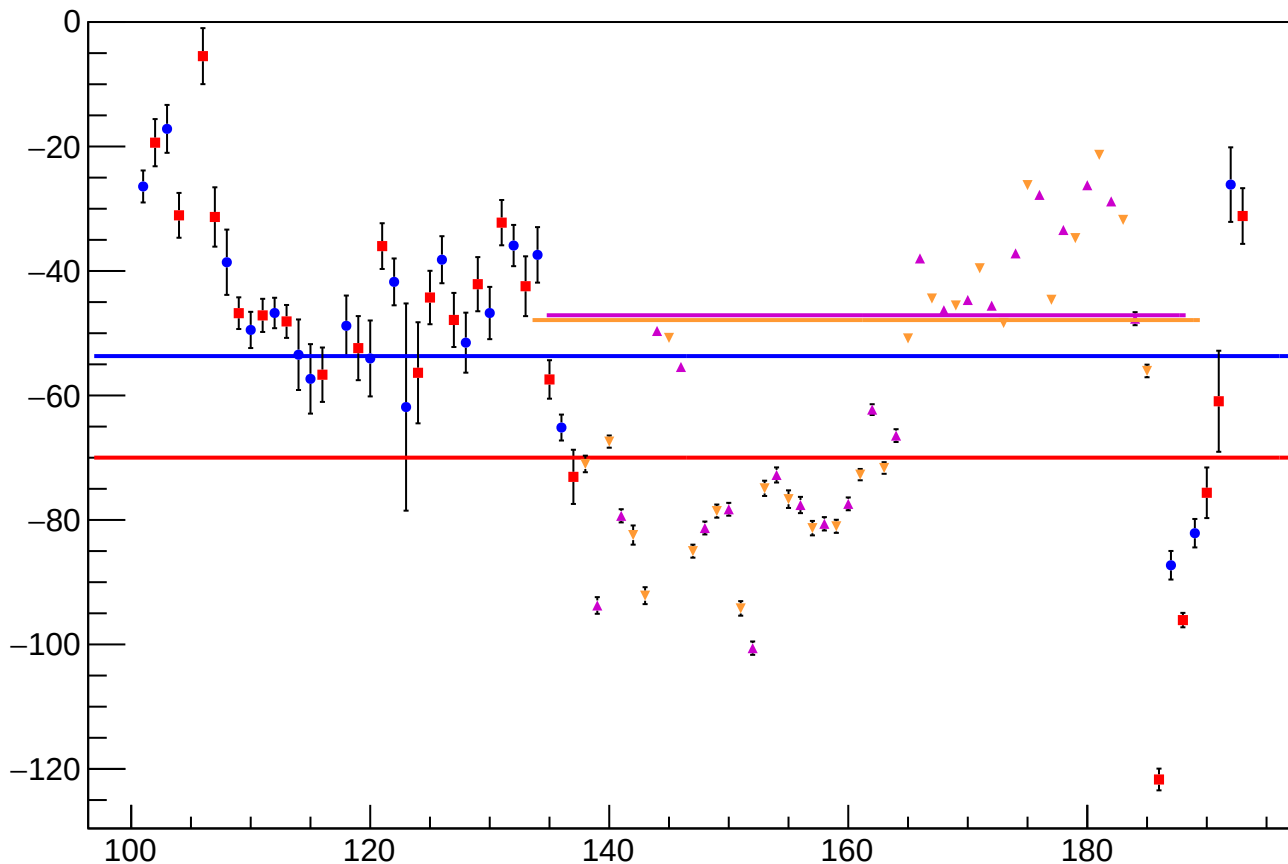
Left In: 0.662 ± 0.124 χ^2/NDF : 3340.9/22

+ sign 0.522 ± 0.120 χ^2/NDF : 4222.9/44

All: 0.441 ± 0.085 χ^2/NDF : 7824.0/90

- sign 0.360 ± 0.120 χ^2/NDF : 3600.2/45

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -53.673 ± 0.768 χ^2/NDF : 714.8/19

Left Out: -47.888 ± 0.155 χ^2/NDF : 16707.2/24

Right Out: -69.988 ± 0.634 χ^2/NDF : 2624.5/22

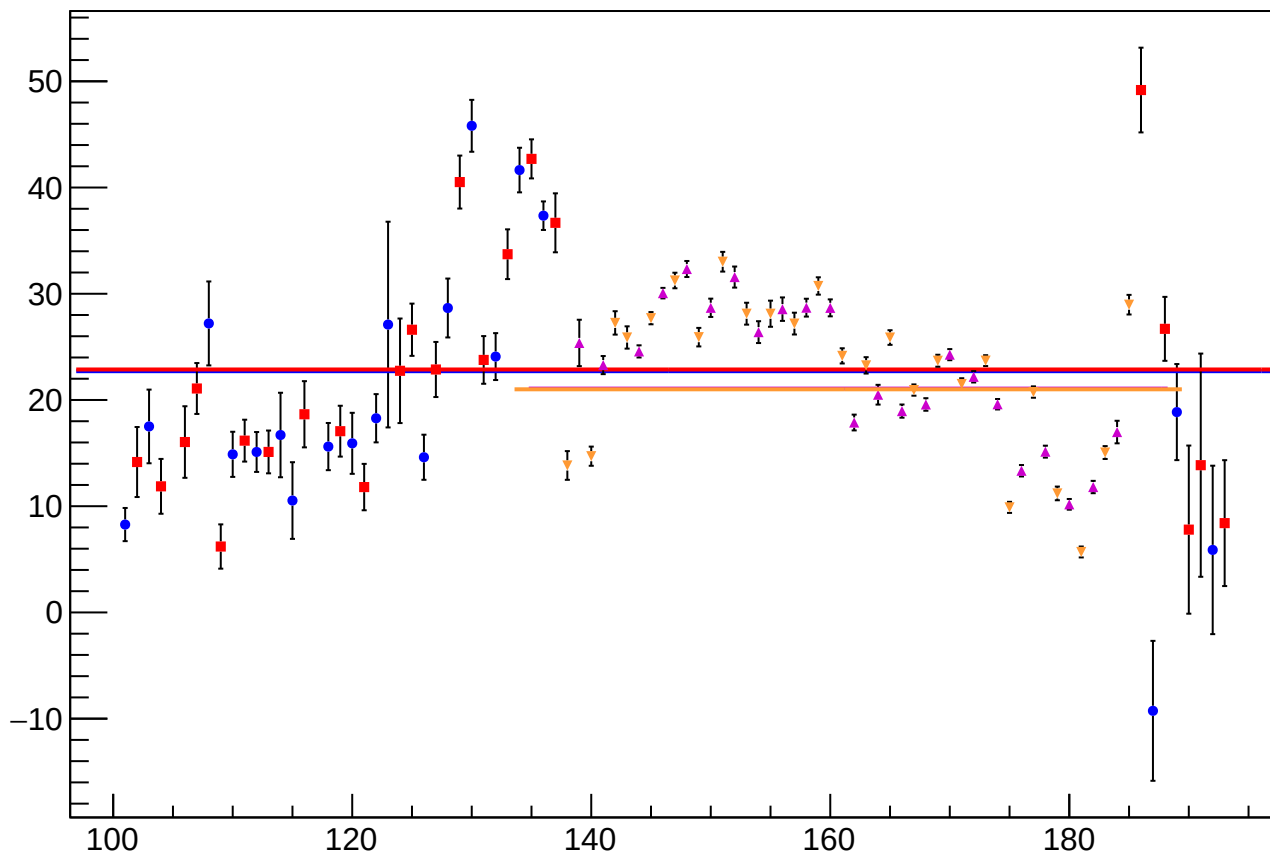
Left In: -47.112 ± 0.155 χ^2/NDF : 15654.8/22

+ sign -48.115 ± 0.152 χ^2/NDF : 17476.6/44

All: -48.259 ± 0.107 χ^2/NDF : 36988.1/90

- sign -48.400 ± 0.150 χ^2/NDF : 19509.7/45

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.548 χ^2 /NDF: 490.4/19

Left Out: 21.005 $\pm$ 0.139 χ^2 /NDF: 2789.5/24

Right Out: 22.871 $\pm$ 0.553 χ^2 /NDF: 424.0/22

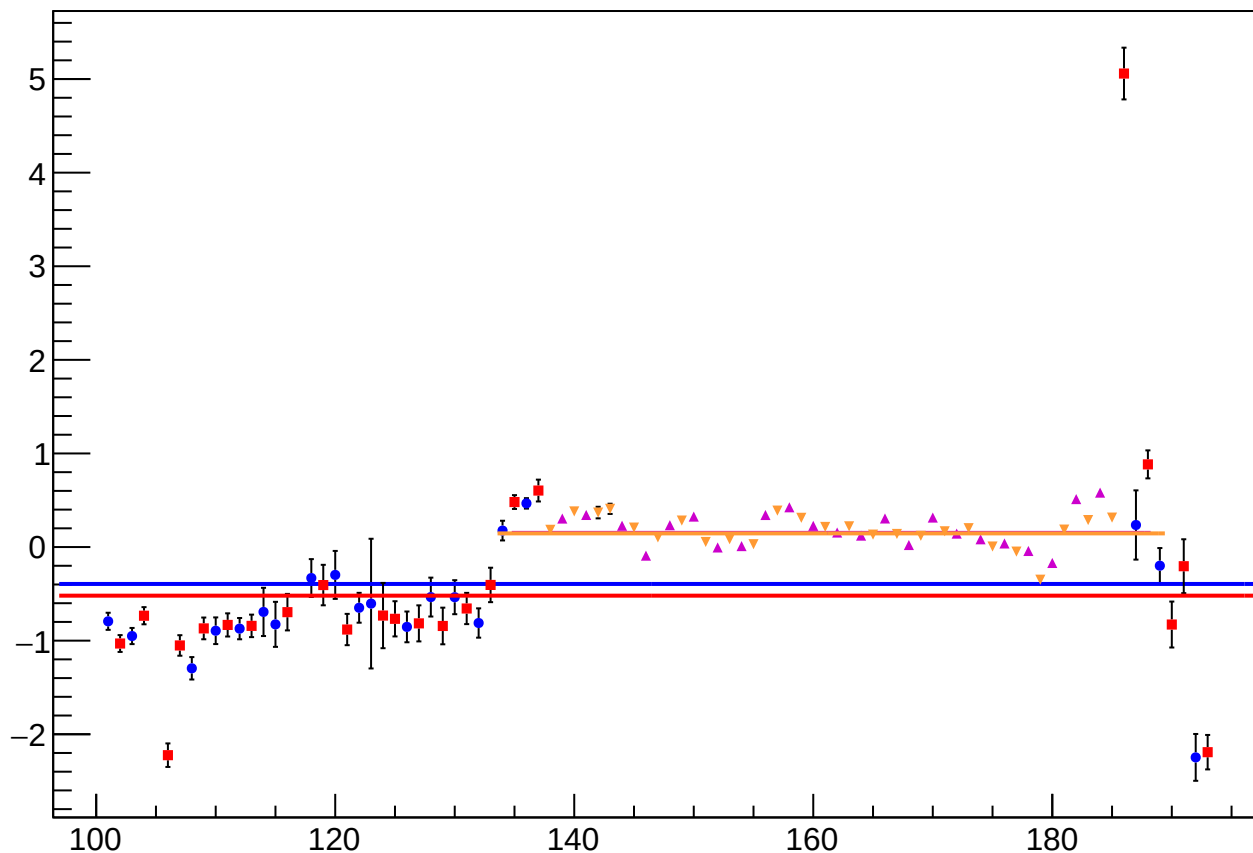
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF: 2176.7/22

+ sign 21.108 $\pm$ 0.135 χ^2 /NDF: 3289.0/44

All: 21.142 $\pm$ 0.095 χ^2 /NDF: 5899.9/90

- sign 21.176 $\pm$ 0.135 χ^2 /NDF: 2610.8/45

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.394 ± 0.029 $\chi^2/\text{NDF}: 496.3/19$

Left Out: 0.146 ± 0.006 $\chi^2/\text{NDF}: 609.8/24$

Right Out: -0.519 ± 0.029 $\chi^2/\text{NDF}: 1138.9/22$

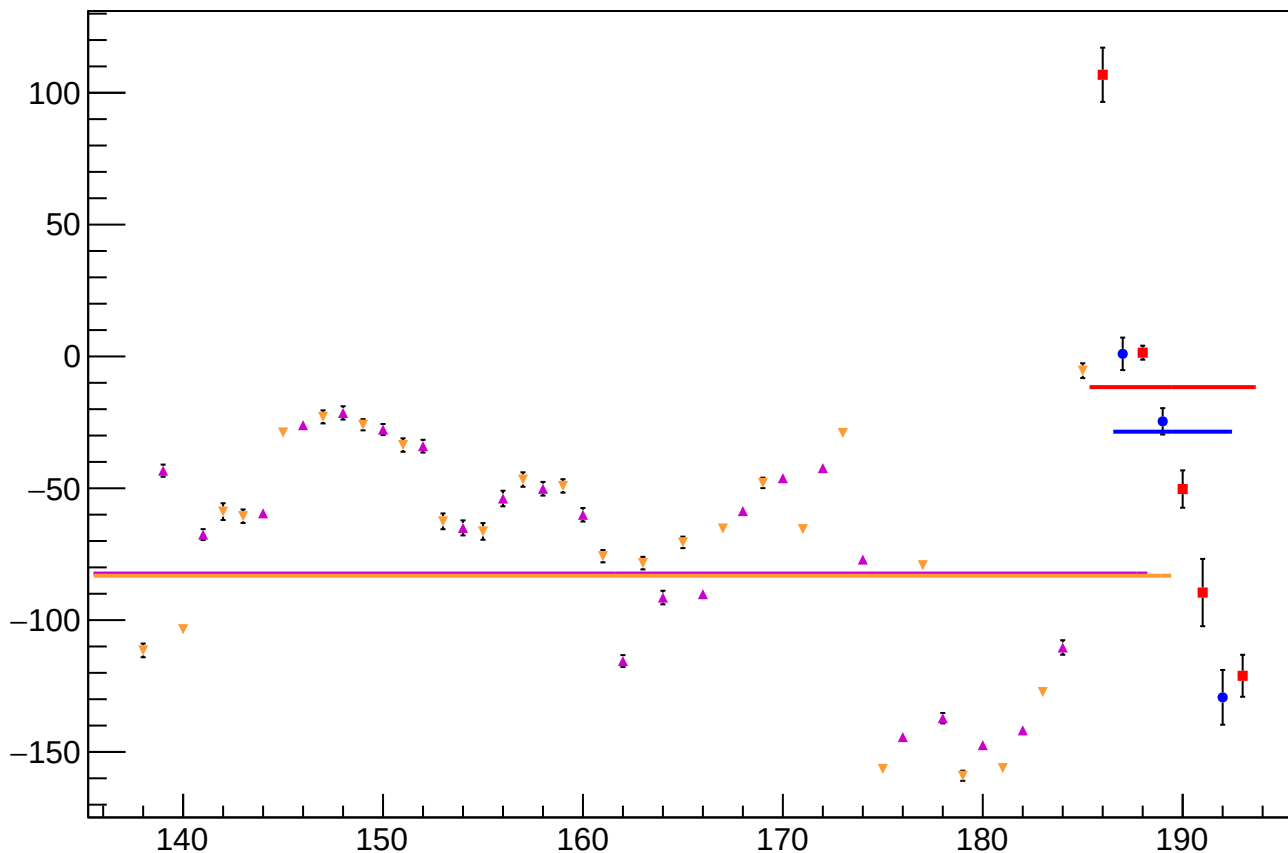
Left In: 0.151 ± 0.006 $\chi^2/\text{NDF}: 873.9/22$

+ sign 0.122 ± 0.006 $\chi^2/\text{NDF}: 1428.9/44$

All: 0.121 ± 0.004 $\chi^2/\text{NDF}: 3960.4/90$

- sign 0.120 ± 0.006 $\chi^2/\text{NDF}: 2531.5/45$

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -28.535 ± 3.635 $\chi^2/\text{NDF}: 117.7/2$

Left Out: -83.163 ± 0.407 $\chi^2/\text{NDF}: 13794.3/24$

Right Out: -11.636 ± 2.274 $\chi^2/\text{NDF}: 413.3/4$

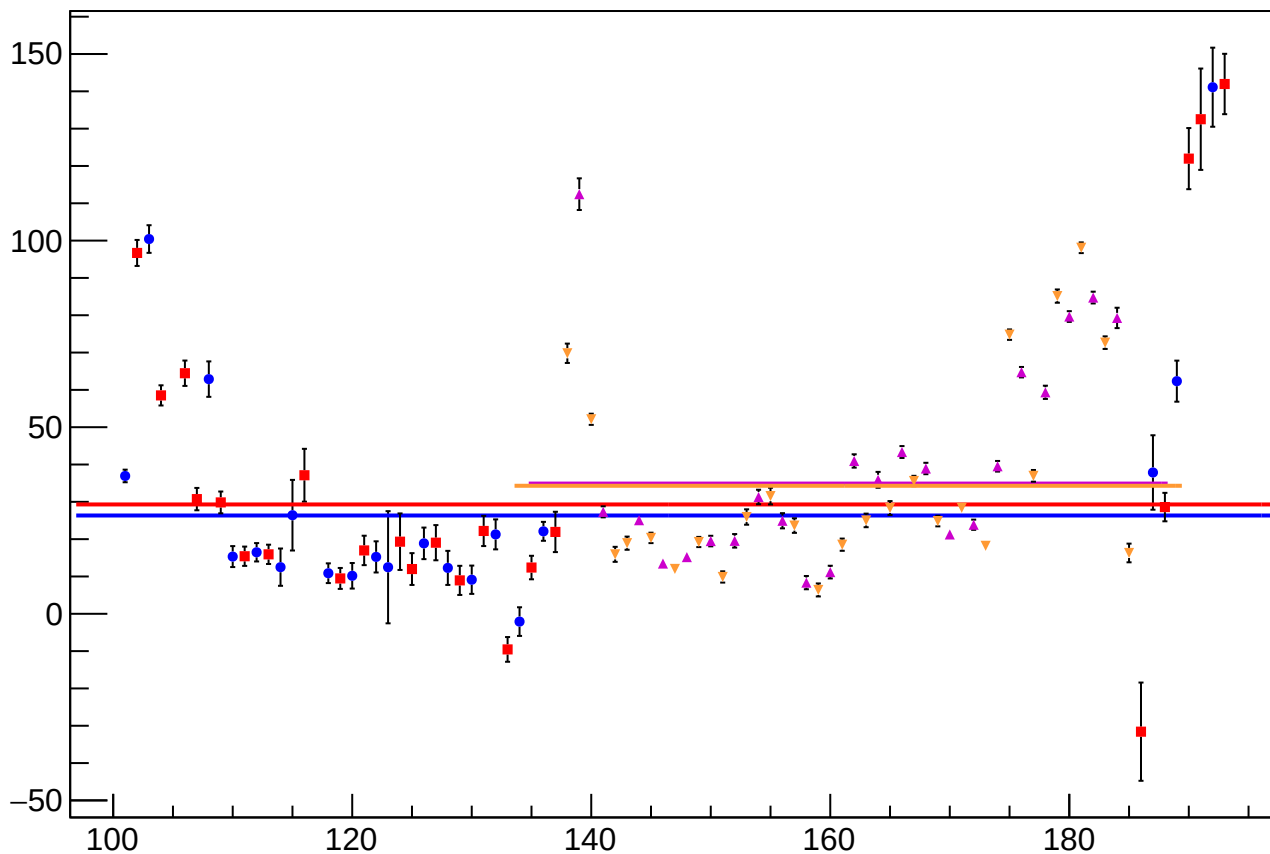
Left In: -82.342 ± 0.413 $\chi^2/\text{NDF}: 10954.9/22$

+ sign -82.486 ± 0.405 $\chi^2/\text{NDF}: 14135.0/27$

All: -81.291 ± 0.287 $\chi^2/\text{NDF}: 26456.7/55$

- sign -80.085 ± 0.406 $\chi^2/\text{NDF}: 12304.1/27$

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 26.341 $\pm$ 0.788 χ^2 /NDF: 855.8/19

Left Out: 34.306 $\pm$ 0.321 χ^2 /NDF: 6163.7/24

Right Out: 29.300 $\pm$ 0.784 χ^2 /NDF: 1337.5/22

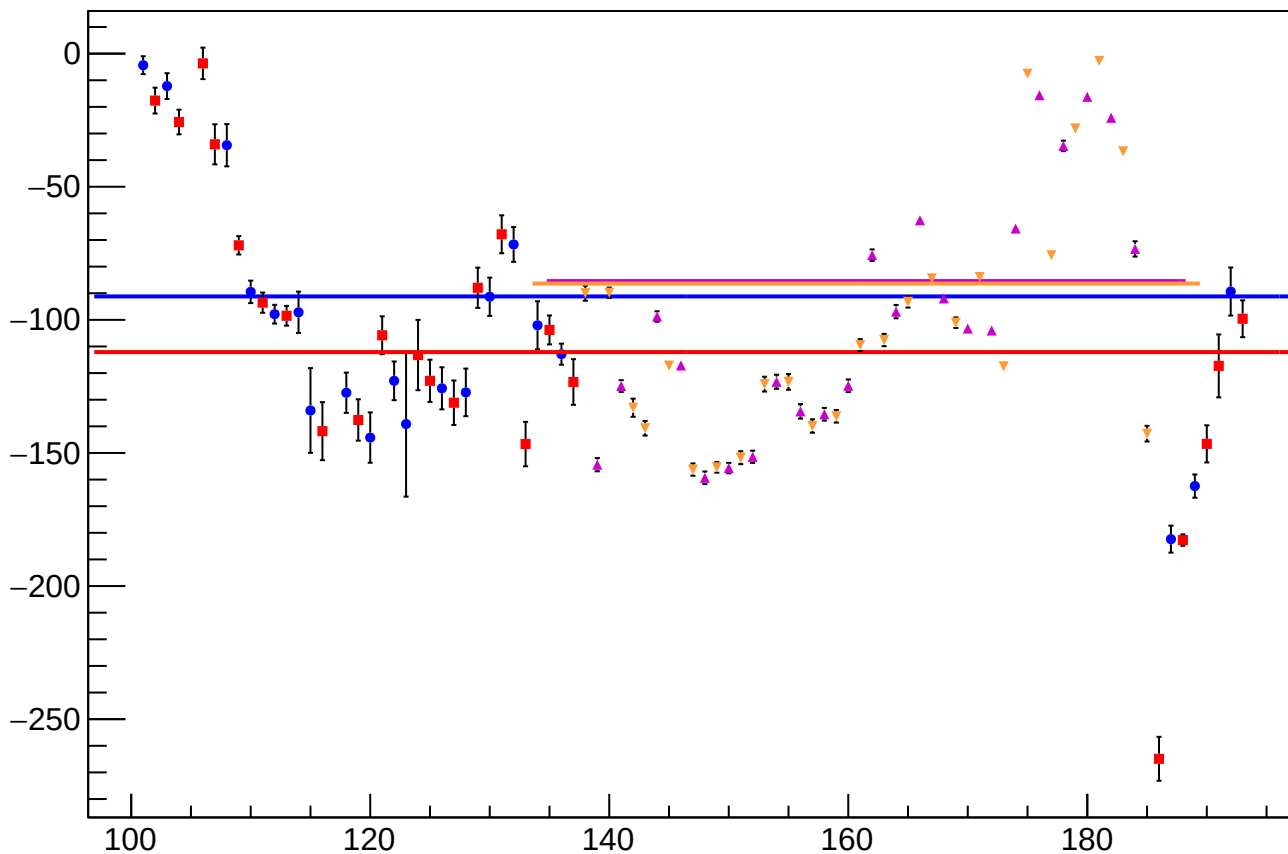
Left In: 34.893 $\pm$ 0.328 χ^2 /NDF: 4754.6/22

+ sign 33.172 $\pm$ 0.297 χ^2 /NDF: 7107.2/44

All: 33.608 $\pm$ 0.212 χ^2 /NDF: 13246.9/90

- sign 34.060 $\pm$ 0.303 χ^2 /NDF: 6135.4/45

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -91.200 ± 1.286 $\chi^2/\text{NDF}: 1736.4/19$

Left Out: -86.377 ± 0.409 $\chi^2/\text{NDF}: 14435.1/24$

Right Out: -112.106 ± 1.103 $\chi^2/\text{NDF}: 2895.0/22$

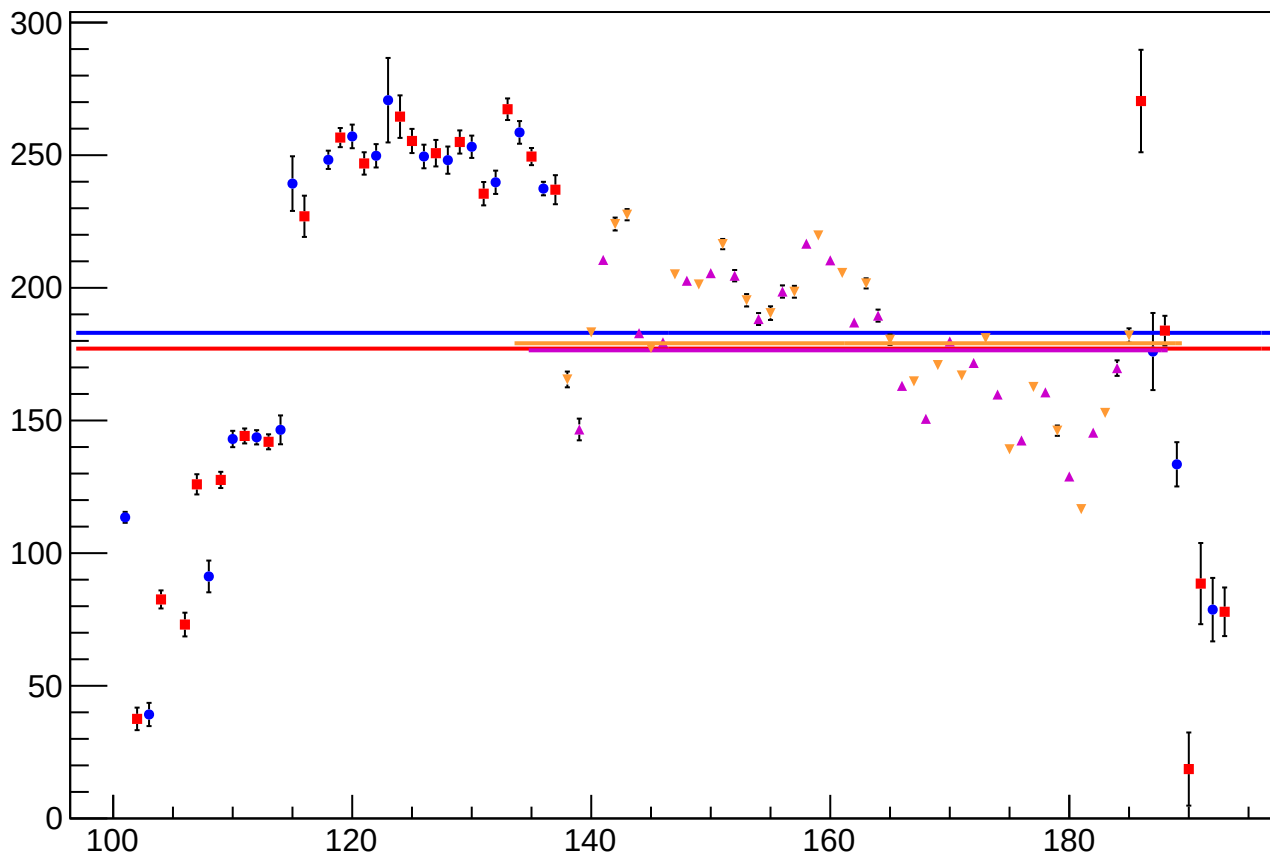
Left In: -85.441 ± 0.413 $\chi^2/\text{NDF}: 12998.9/22$

+ sign -86.820 ± 0.390 $\chi^2/\text{NDF}: 16184.3/44$

All: -87.777 ± 0.275 $\chi^2/\text{NDF}: 32602.3/90$

- sign -88.719 ± 0.387 $\chi^2/\text{NDF}: 16406.1/45$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.041 $\pm$ 0.904 χ^2 /NDF: 5514.4/19

Left Out: 179.109 $\pm$ 0.363 χ^2 /NDF: 5877.5/24

Right Out: 177.097 $\pm$ 0.905 χ^2 /NDF: 6474.9/22

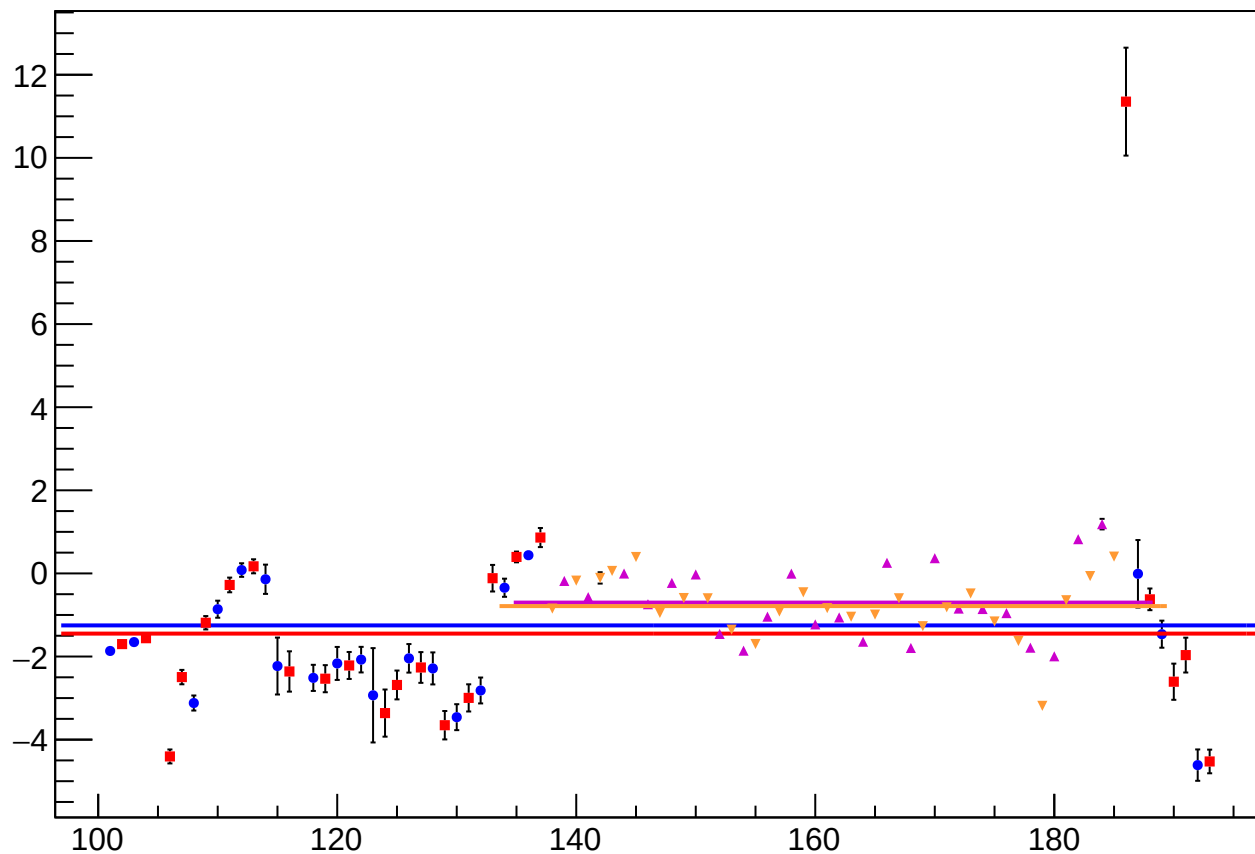
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ sign 179.654 $\pm$ 0.337 χ^2 /NDF: 11408.2/44

All: 178.124 $\pm$ 0.240 χ^2 /NDF: 22367.7/90

- sign 176.542 $\pm$ 0.342 χ^2 /NDF: 10917.5/45

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.251 ± 0.047 χ^2/NDF : 706.5/19

Left Out: -0.787 ± 0.017 χ^2/NDF : 1760.7/24

Right Out: -1.448 ± 0.044 χ^2/NDF : 1157.5/22

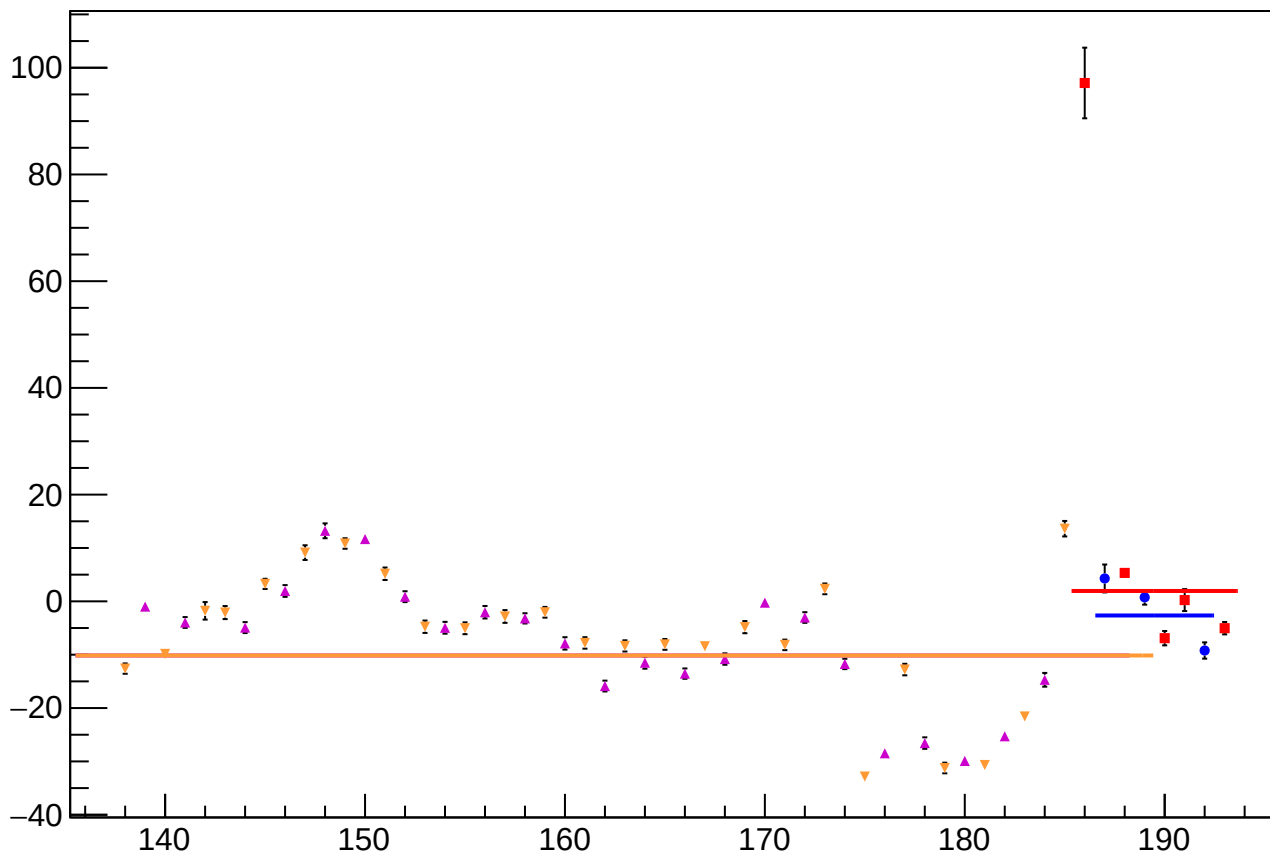
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ sign -0.838 ± 0.016 χ^2/NDF : 2553.6/44

All: -0.817 ± 0.011 χ^2/NDF : 6384.0/90

- sign -0.796 ± 0.016 χ^2/NDF : 3826.8/45

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -2.652 ± 0.951 χ^2/NDF : 31.7/2

Left Out: -10.147 ± 0.202 χ^2/NDF : 4128.5/24

Right Out: 1.941 ± 0.500 χ^2/NDF : 314.7/4

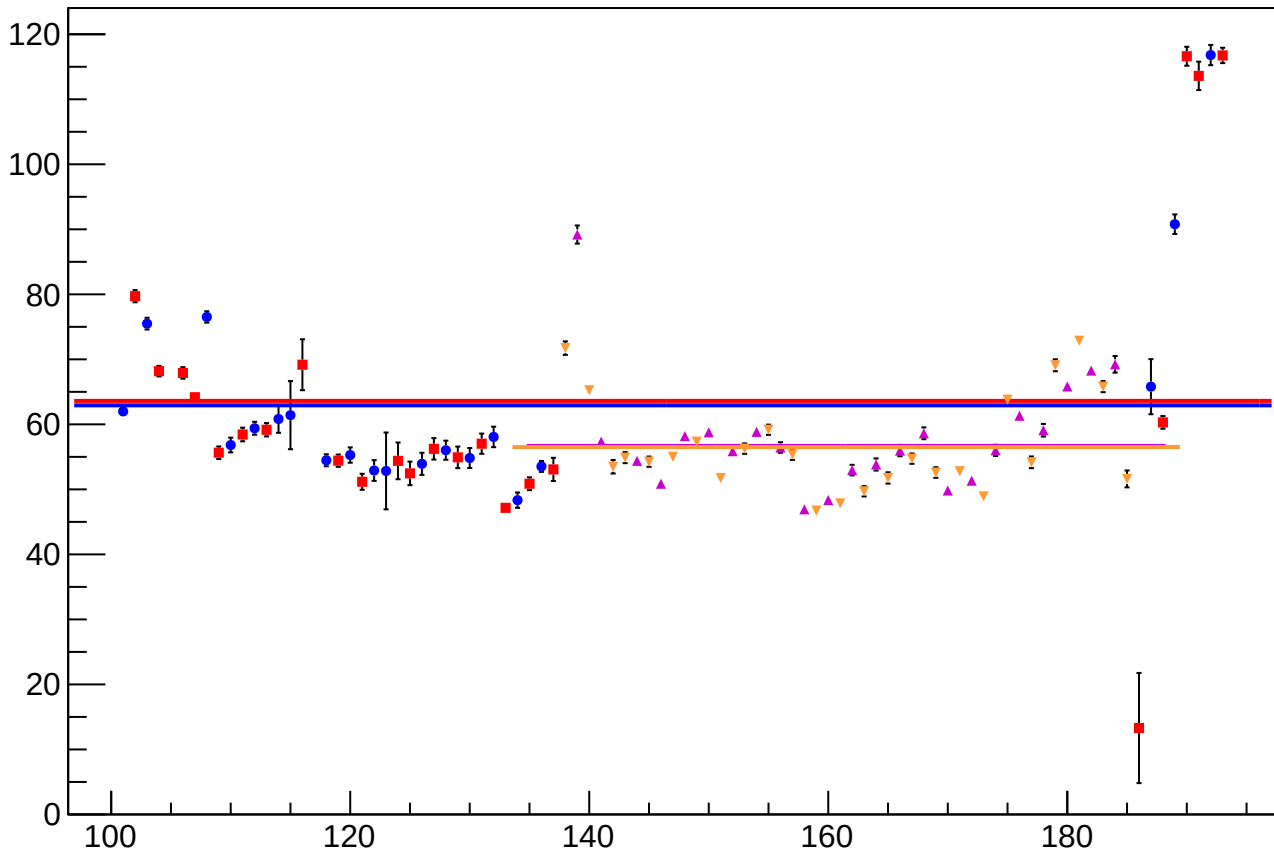
Left In: -10.149 ± 0.204 χ^2/NDF : 3491.7/22

+ sign -9.824 ± 0.197 χ^2/NDF : 4219.7/27

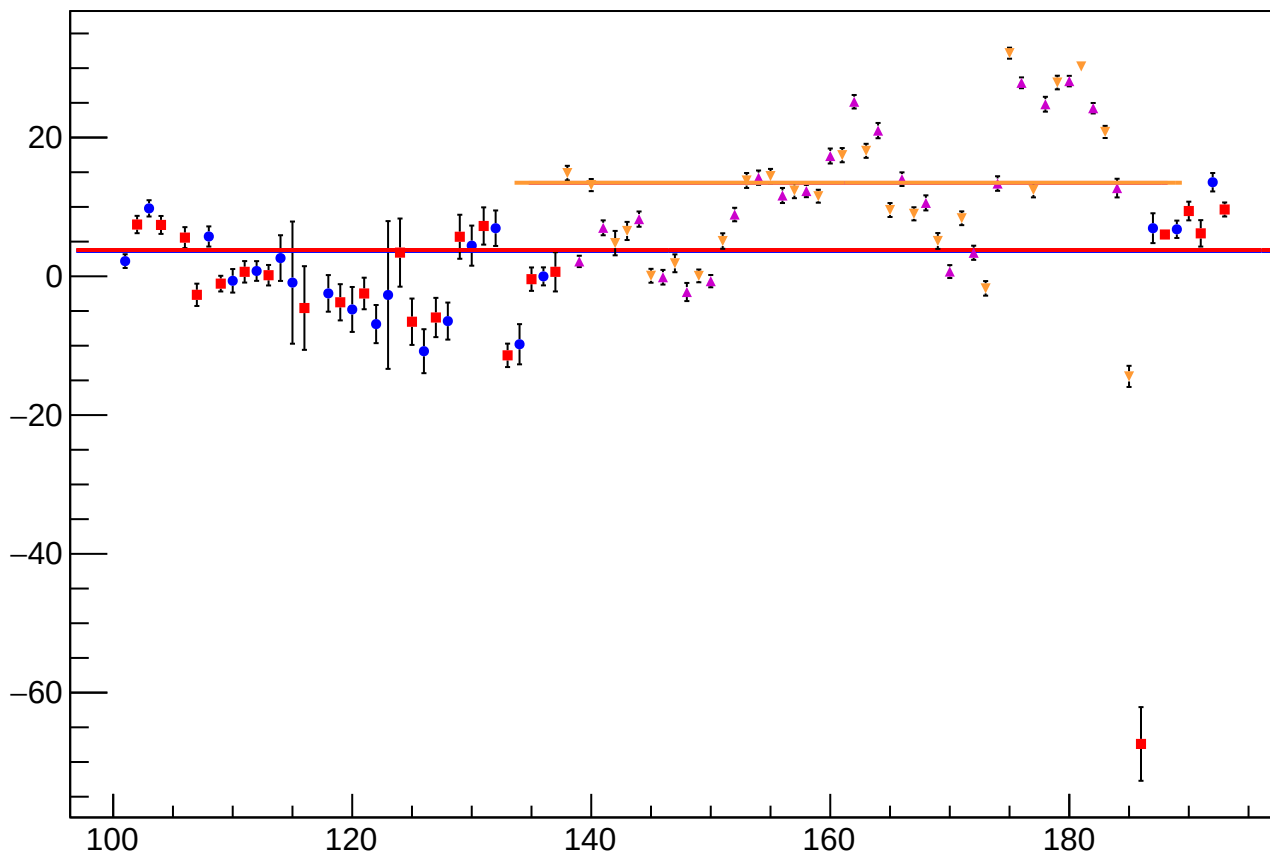
All: -9.095 ± 0.136 χ^2/NDF : 8552.9/55

- sign -8.428 ± 0.189 χ^2/NDF : 4307.0/27

reg_asym_sam5_diff_bpm4aY_slope vs Slug



reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 3.655 ± 0.402 χ^2/NDF : 200.2/19

Left Out: 13.485 ± 0.202 χ^2/NDF : 2731.0/24

Right Out: 3.792 ± 0.302 χ^2/NDF : 442.5/22

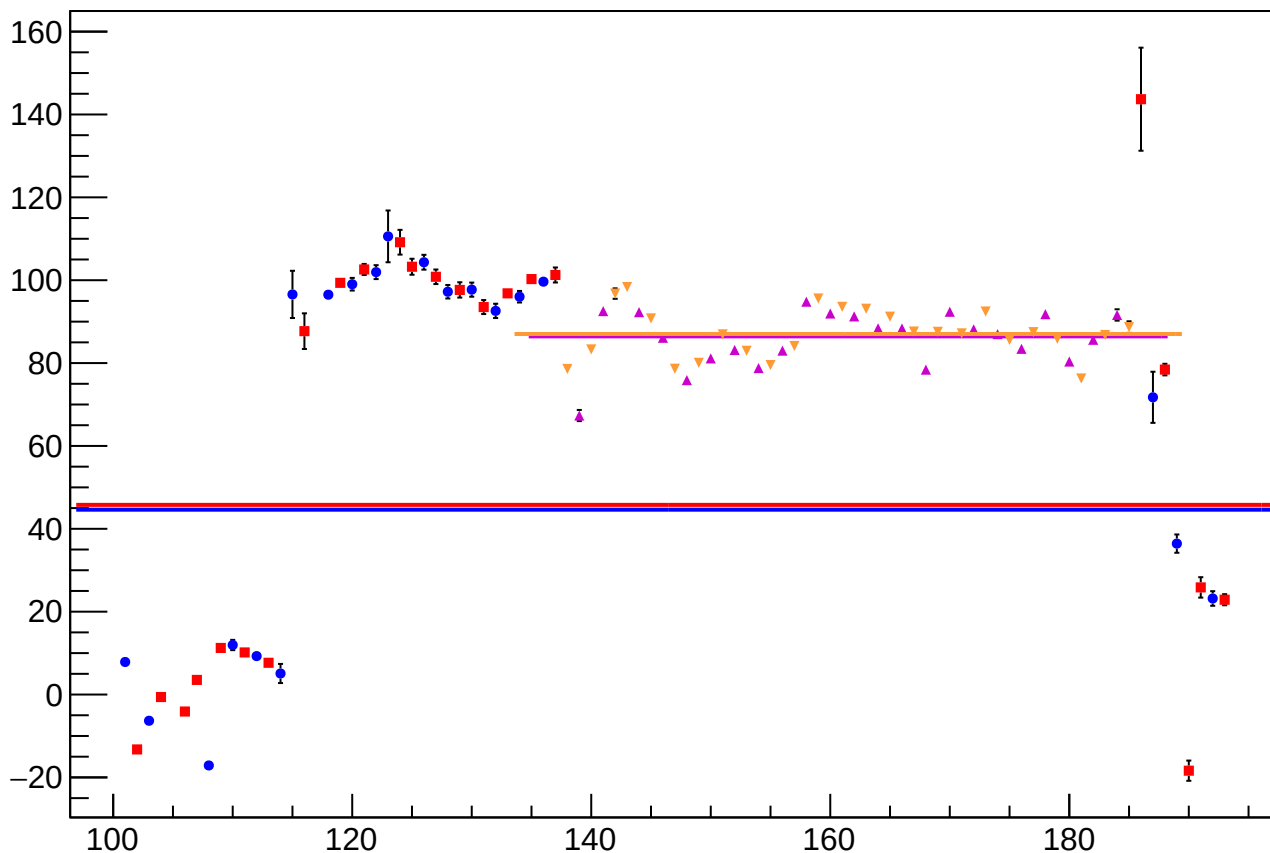
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ sign 11.505 ± 0.180 χ^2/NDF : 3409.0/44

All: 10.941 ± 0.123 χ^2/NDF : 6946.4/90

- sign 10.450 ± 0.169 χ^2/NDF : 3519.1/45

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.618 $\pm$ 0.296 χ^2 /NDF: 25258.3/19

Left Out: 87.023 $\pm$ 0.179 χ^2 /NDF:1057.2/24

Right Out: 45.780 $\pm$ 0.275 χ^2 /NDF: 29514.9/22

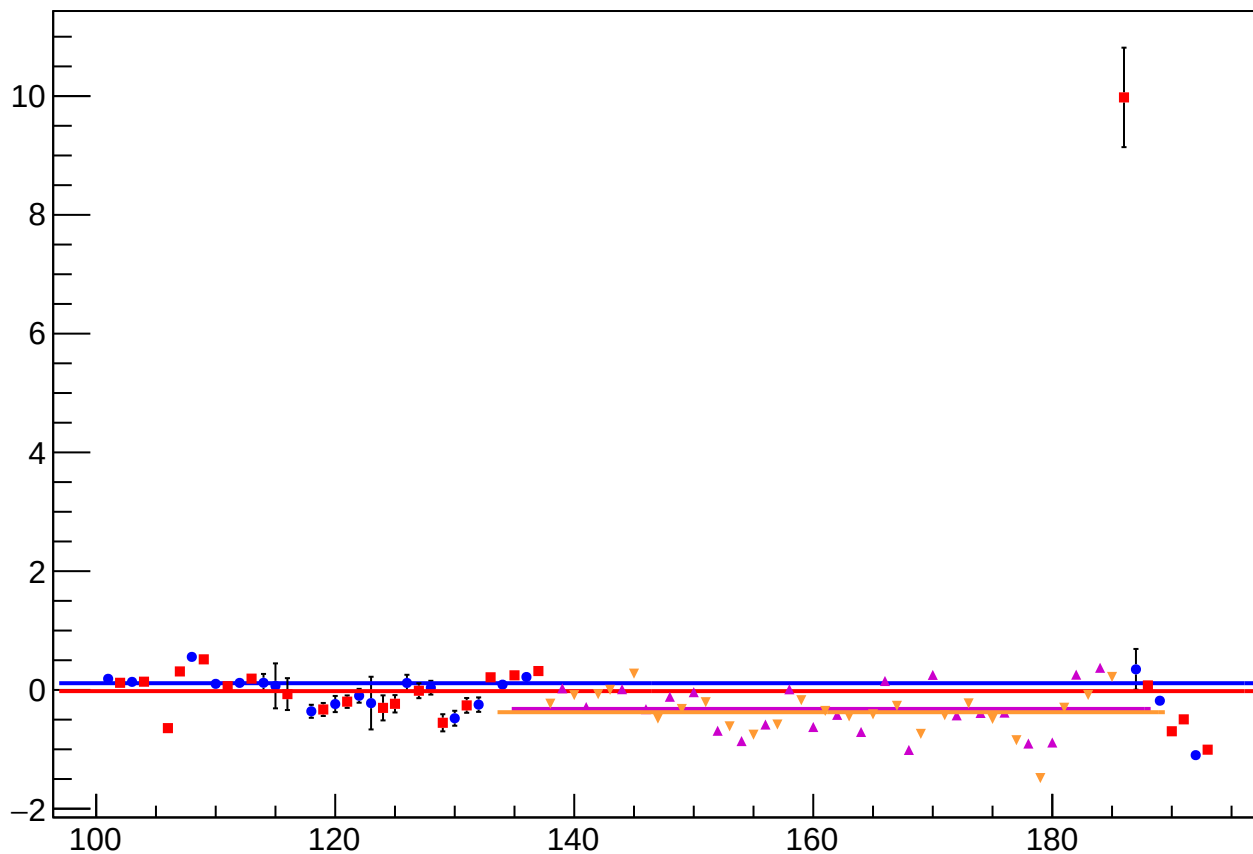
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 75.612 $\pm$ 0.153 χ^2 /NDF: 41337.1/44

All: 74.740 $\pm$ 0.108 χ^2 /NDF: 87053.3/90

- sign 73.873 $\pm$ 0.153 χ^2 /NDF: 45651.8/45

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.113 ± 0.013 $\chi^2/\text{NDF}: 750.3/19$

Left Out: -0.375 ± 0.008 $\chi^2/\text{NDF}: 1657.5/24$

Right Out: -0.020 ± 0.012 $\chi^2/\text{NDF}: 1429.1/22$

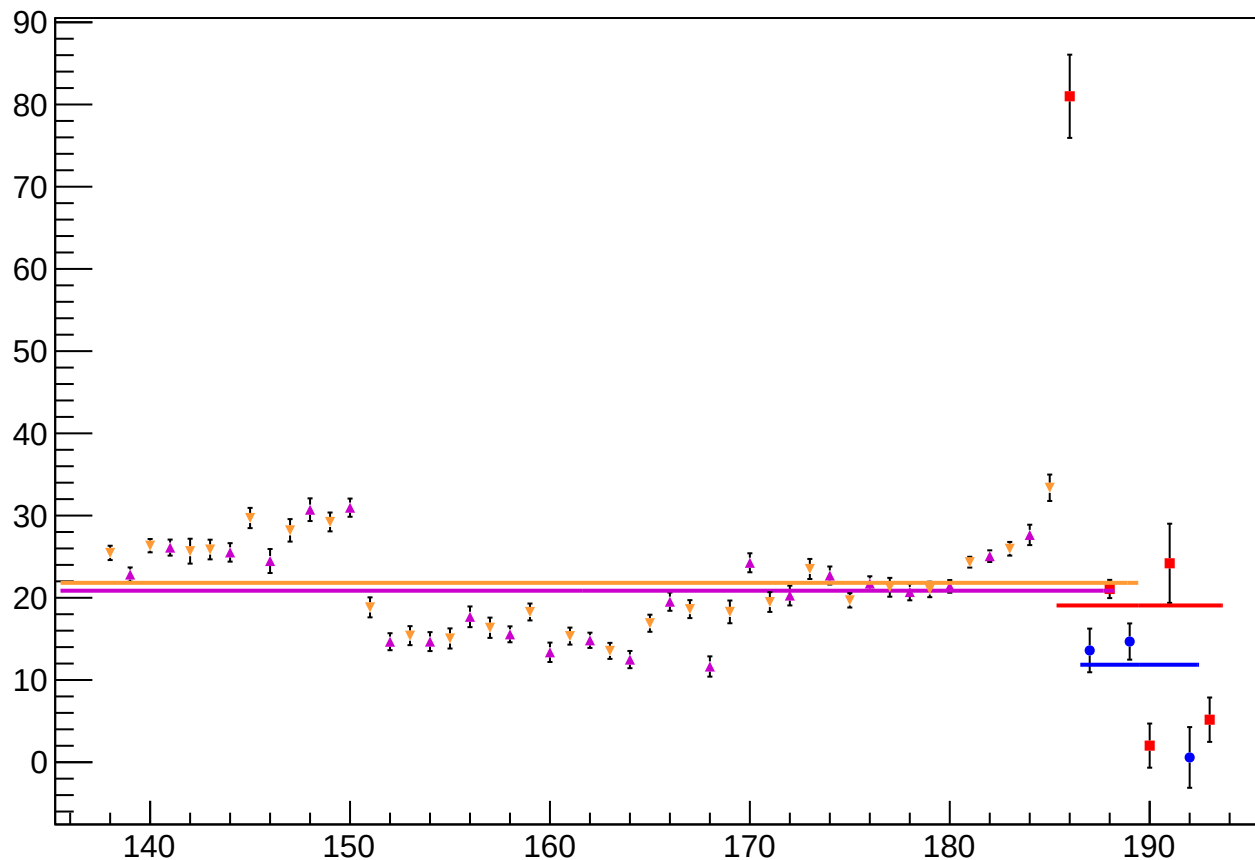
Left In: -0.320 ± 0.008 $\chi^2/\text{NDF}: 2325.0/22$

+ sign -0.243 ± 0.007 $\chi^2/\text{NDF}: 3380.4/44$

All: -0.234 ± 0.005 $\chi^2/\text{NDF}: 7568.8/90$

- sign -0.225 ± 0.007 $\chi^2/\text{NDF}: 4184.8/45$

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 11.857 $\pm$ 1.541 χ^2 /NDF: 11.4/2

Left Out: 21.818 $\pm$ 0.210 χ^2 /NDF: 522.7/24

Right Out: 19.066 $\pm$ 0.923 χ^2 /NDF: 220.9/4

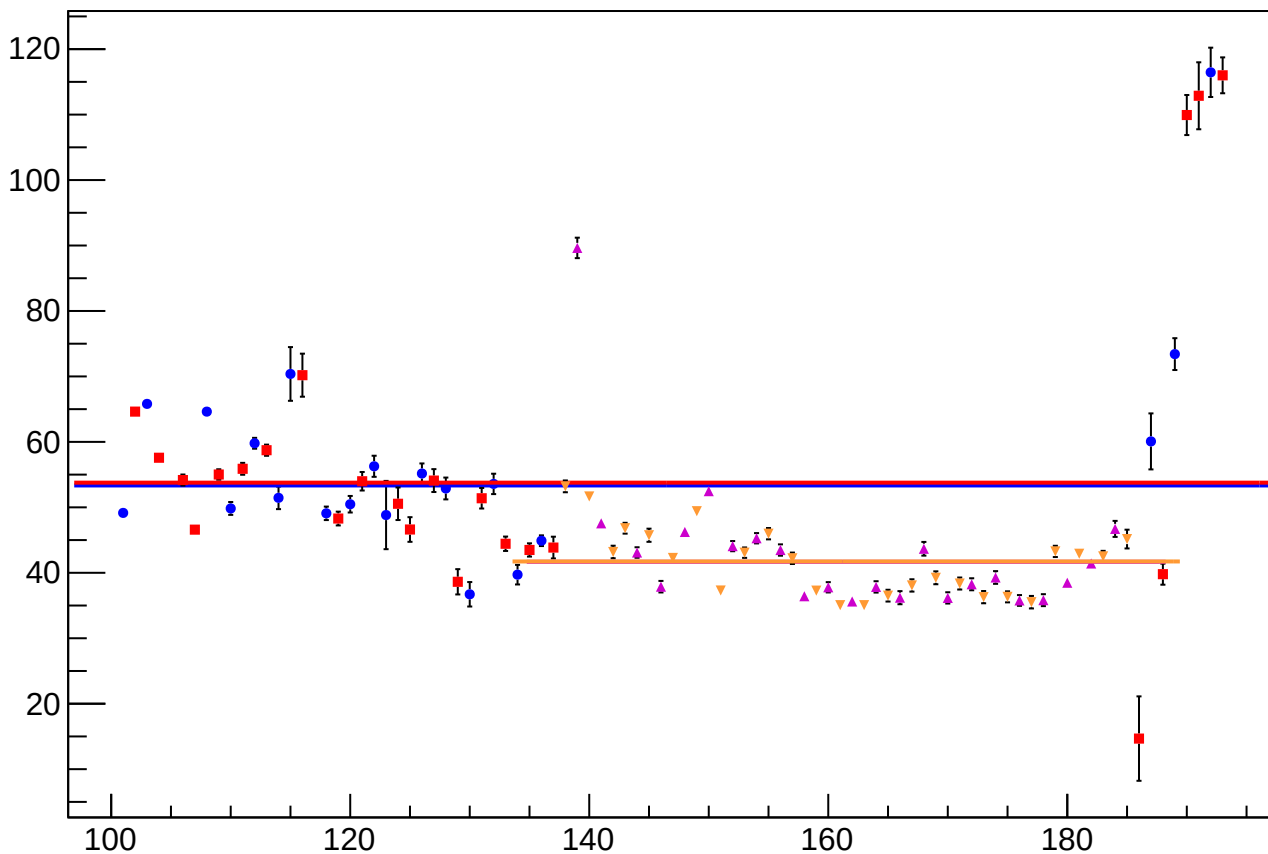
Left In: 20.860 $\pm$ 0.216 χ^2 /NDF: 575.5/22

+ sign 21.636 $\pm$ 0.208 χ^2 /NDF: 575.1/27

All: 21.205 $\pm$ 0.148 χ^2 /NDF: 1383.8/55

- sign 20.767 $\pm$ 0.210 χ^2 /NDF: 800.1/27

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 53.344 $\pm$ 0.209 χ^2 /NDF: 1551.9/19

Left Out: 41.732 $\pm$ 0.166 χ^2 /NDF:1014.0/24

Right Out: 53.772 $\pm$ 0.224 χ^2 /NDF: 1958.5/22

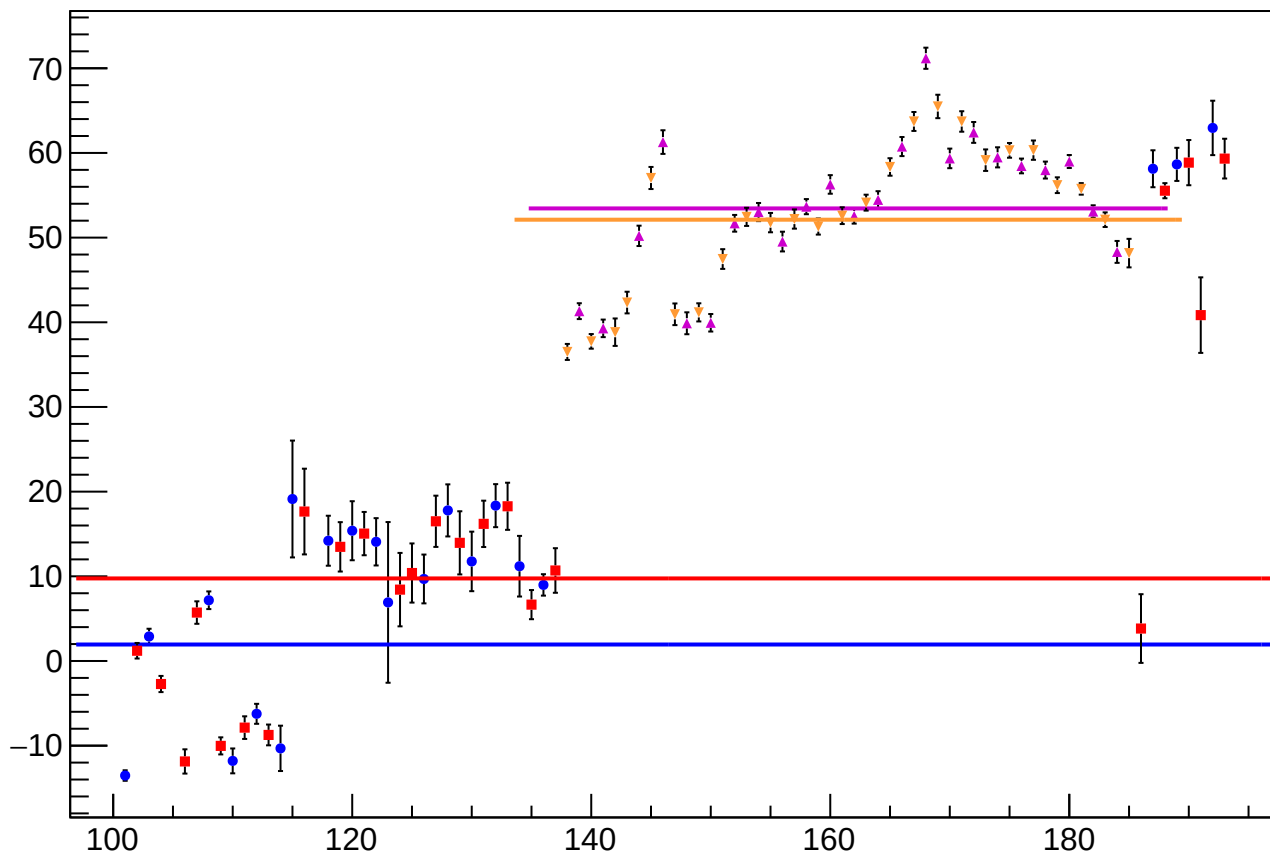
Left In: 41.682 $\pm$ 0.173 χ^2 /NDF:1715.9/22

+ sign 46.224 $\pm$ 0.130 χ^2 /NDF: 4461.9/44

All: 46.224 $\pm$ 0.094 χ^2 /NDF: 9961.8/90

- sign 46.223 $\pm$ 0.137 χ^2 /NDF: 5499.9/45

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 1.946 ± 0.351 χ^2/NDF : 2845.4/19

Left Out: 52.116 ± 0.210 χ^2/NDF : 1445.4/24

Right Out: 9.750 ± 0.341 χ^2/NDF : 4776.9/22

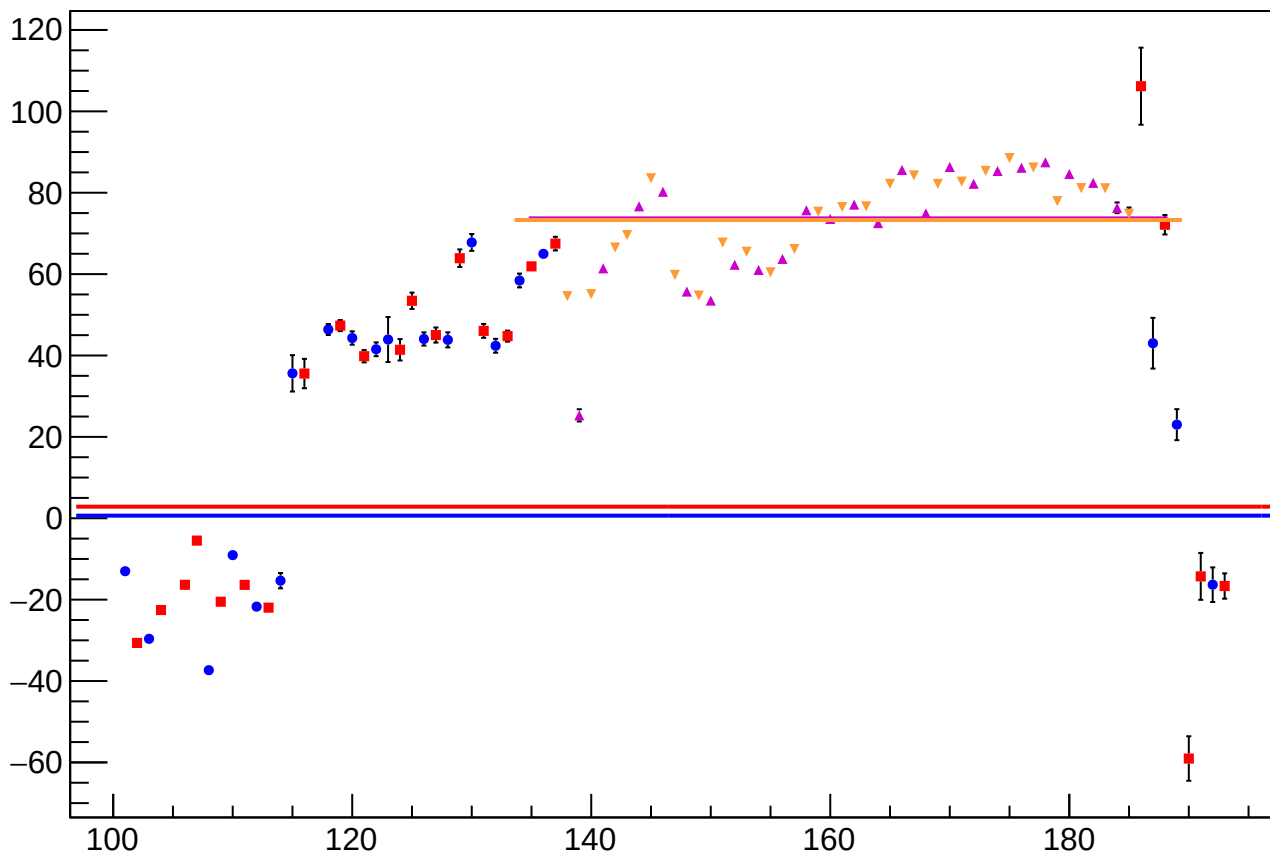
Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

+ sign 38.842 ± 0.180 χ^2/NDF : 19328.0/44

All: 39.948 ± 0.128 χ^2/NDF : 37115.2/90

- sign 41.066 ± 0.182 χ^2/NDF : 17711.7/45

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.644 ± 0.246 χ^2/NDF : 18520.5/19

Left Out: 73.294 ± 0.187 χ^2/NDF : 3148.2/24

Right Out: 2.850 ± 0.264 χ^2/NDF : 16526.6/22

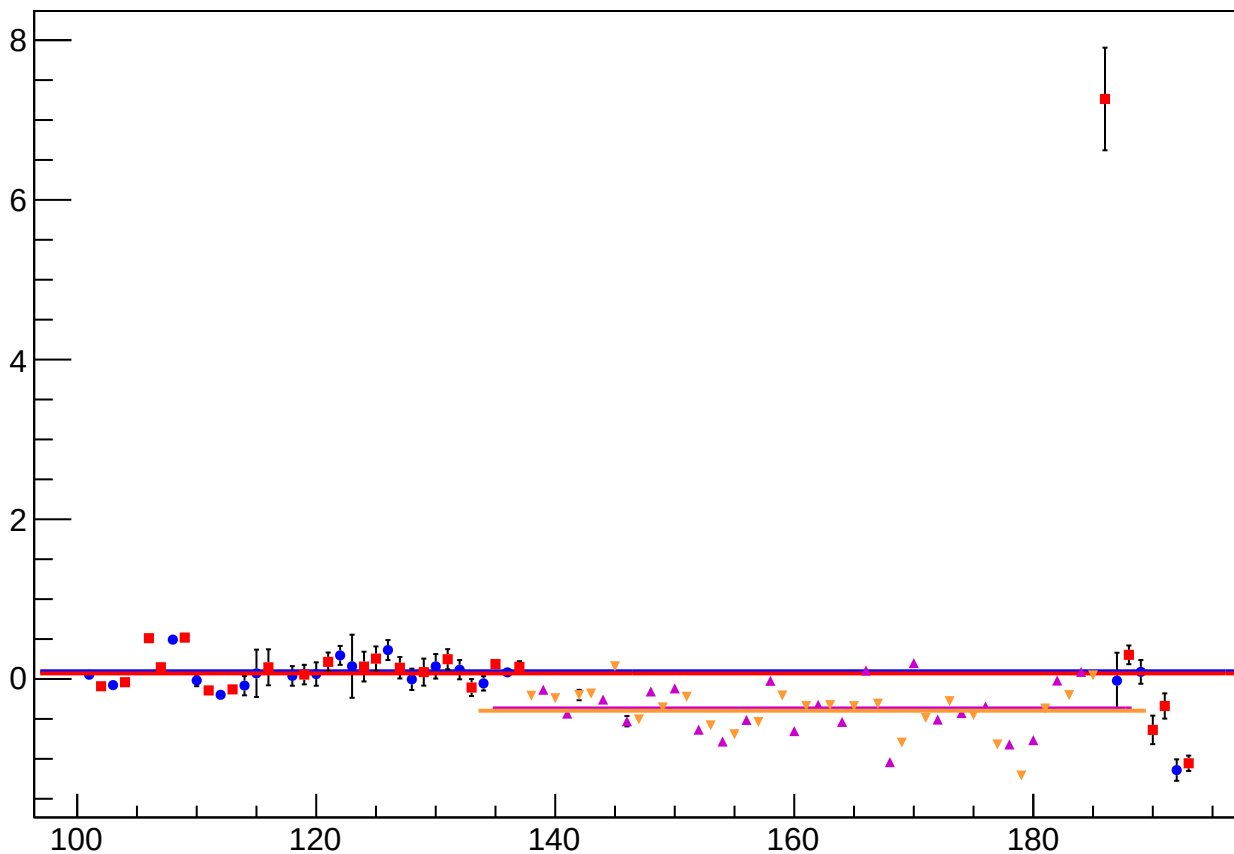
Left In: 73.699 ± 0.194 χ^2/NDF : 3901.1/22

+ sign 46.569 ± 0.149 χ^2/NDF : 76986.9/44

All: 47.683 ± 0.108 χ^2/NDF : 144266.3/90

- sign 48.909 ± 0.156 χ^2/NDF : 67162.0/45

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.096 ± 0.011 $\chi^2/\text{NDF}: 486.4/19$

Left Out: -0.397 ± 0.009 $\chi^2/\text{NDF}: 943.5/24$

Right Out: 0.070 ± 0.011 $\chi^2/\text{NDF}: 678.5/22$

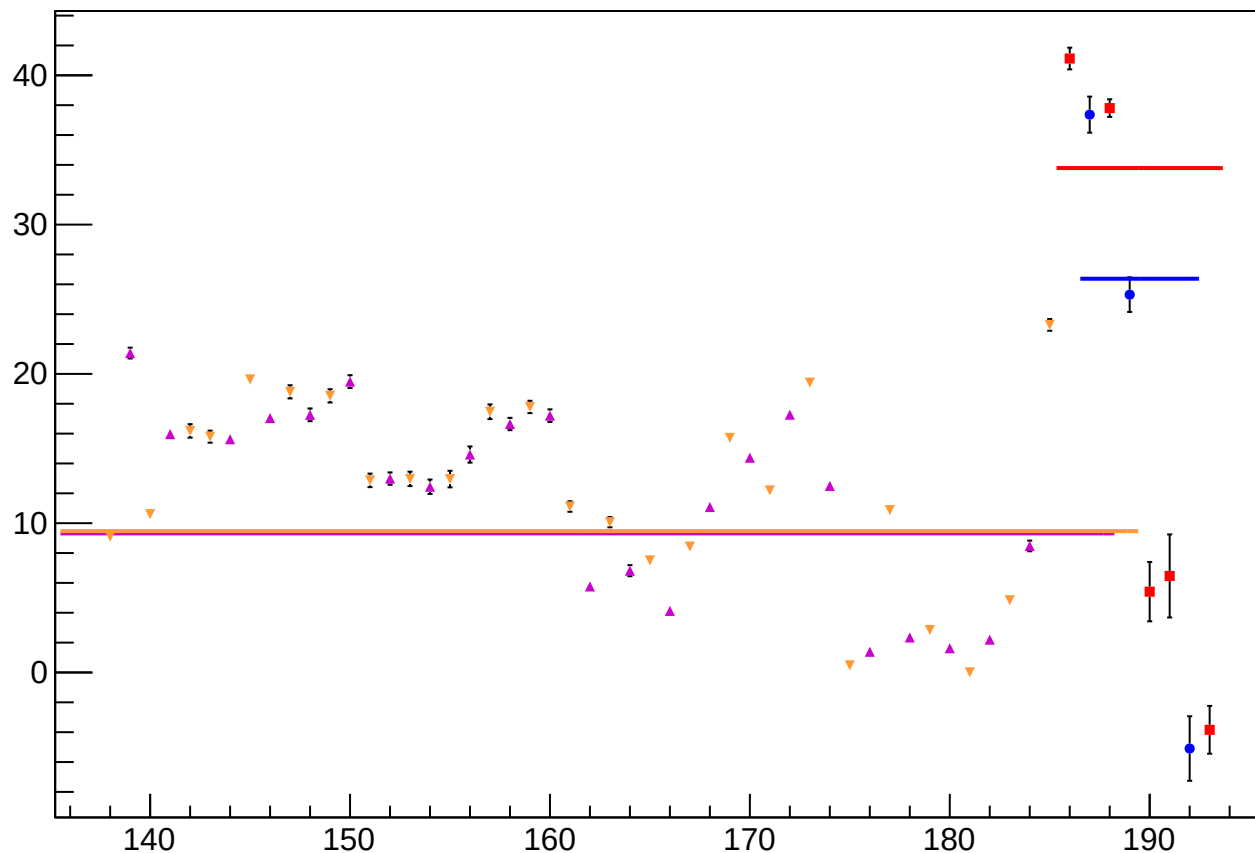
Left In: -0.369 ± 0.009 $\chi^2/\text{NDF}: 1322.7/22$

+ sign -0.210 ± 0.007 $\chi^2/\text{NDF}: 2688.5/44$

All: -0.205 ± 0.005 $\chi^2/\text{NDF}: 5683.9/90$

- sign -0.199 ± 0.007 $\chi^2/\text{NDF}: 2994.2/45$

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 26.375 ± 0.780 χ^2/NDF : 295.7/2

Left Out: 9.470 ± 0.061 χ^2/NDF : 12578.0/24

Right Out: 33.788 ± 0.425 χ^2/NDF : 1001.1/4

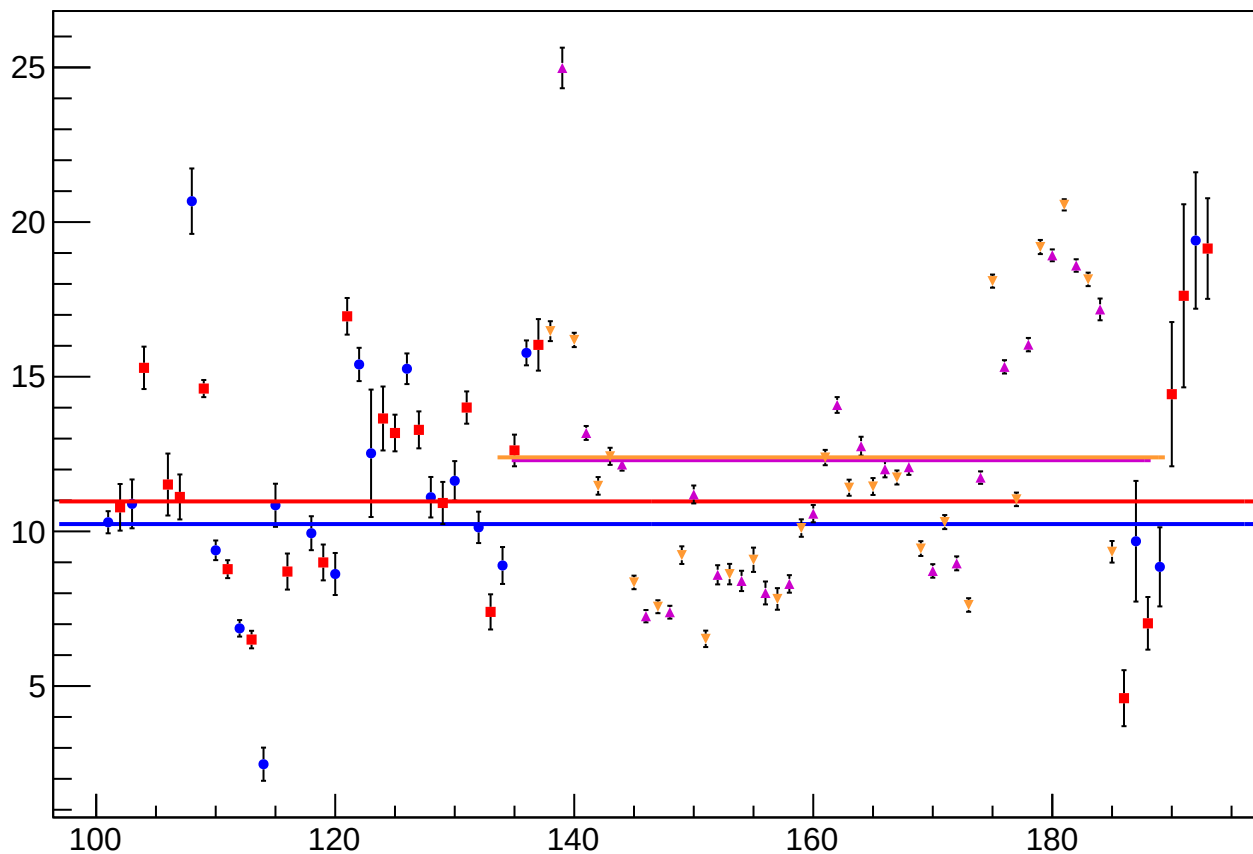
Left In: 9.315 ± 0.063 χ^2/NDF : 11007.3/22

+ sign 9.573 ± 0.061 χ^2/NDF : 13340.0/27

All: 9.703 ± 0.044 χ^2/NDF : 28598.8/55

- sign 9.836 ± 0.062 χ^2/NDF : 15249.7/27

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.237 ± 0.118 $\chi^2/\text{NDF}: 896.1/19$

Left Out: 12.393 ± 0.050 $\chi^2/\text{NDF}: 7525.9/24$

Right Out: 10.969 ± 0.114 $\chi^2/\text{NDF}: 907.3/22$

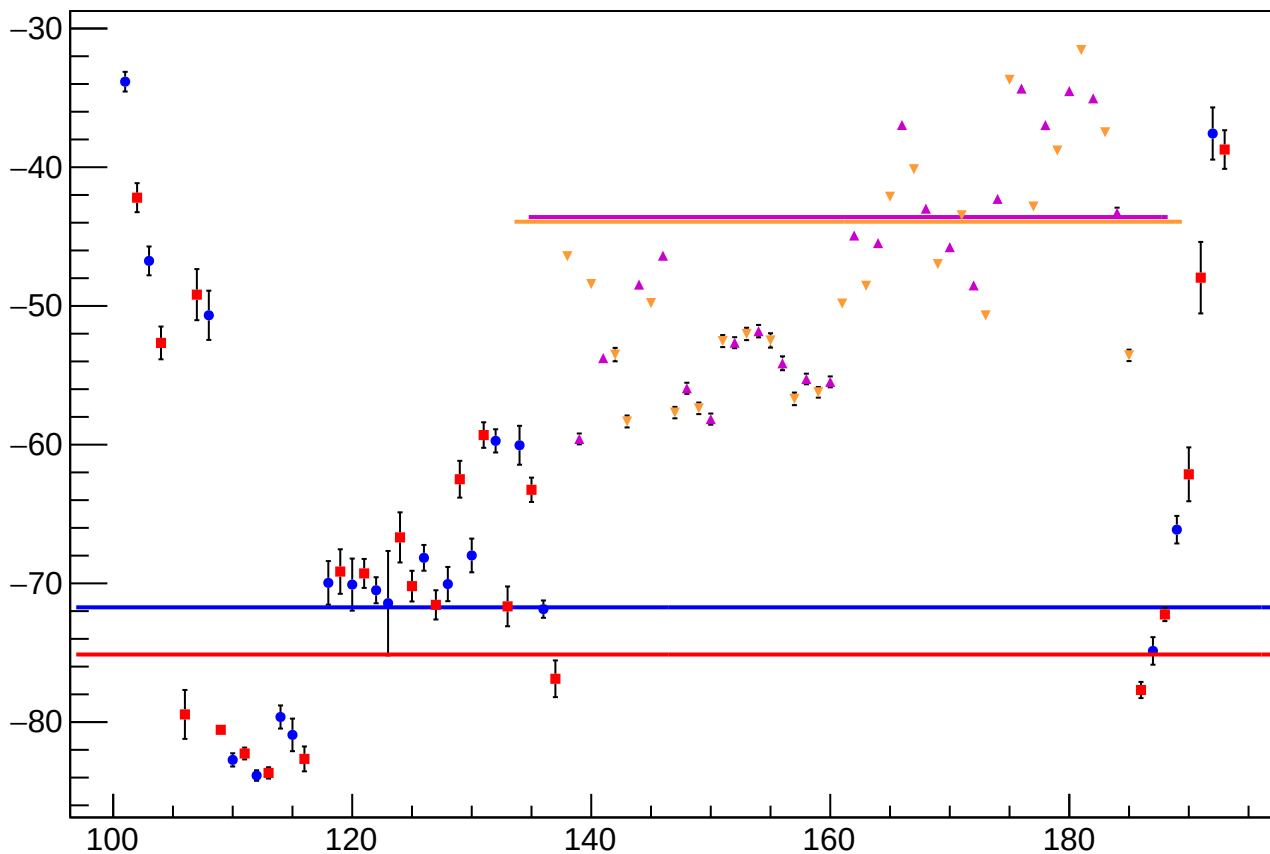
Left In: 12.302 ± 0.051 $\chi^2/\text{NDF}: 5661.3/22$

+ sign 12.067 ± 0.046 $\chi^2/\text{NDF}: 8705.4/44$

All: 12.073 ± 0.033 $\chi^2/\text{NDF}: 15388.0/90$

- sign 12.079 ± 0.047 $\chi^2/\text{NDF}: 6682.5/45$

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -71.726 ± 0.189 $\chi^2/\text{NDF}: 5944.1/19$

Left Out: -43.930 ± 0.062 $\chi^2/\text{NDF}: 17576.0/24$

Right Out: -75.128 ± 0.161 $\chi^2/\text{NDF}: 4151.4/22$

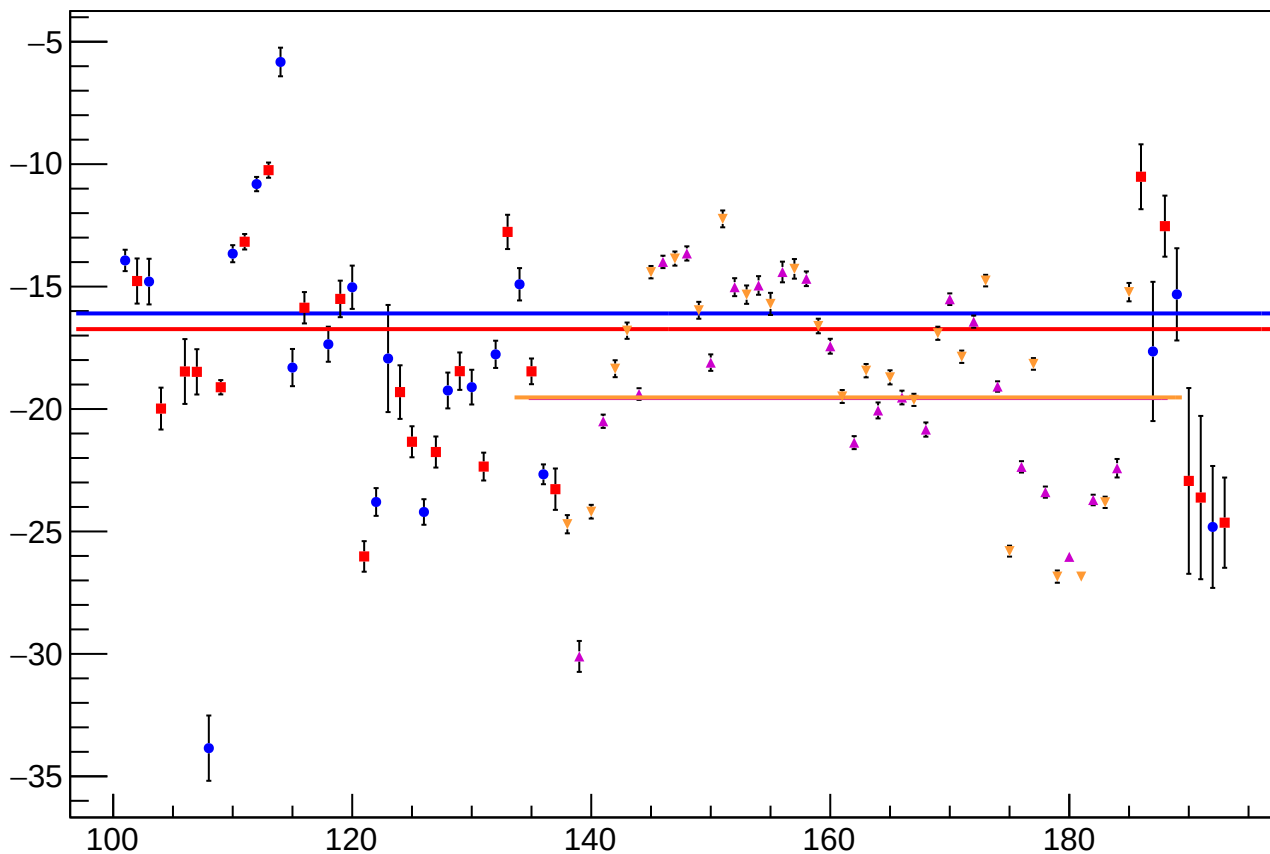
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.624 ± 0.059 $\chi^2/\text{NDF}: 42986.3/44$

All: -47.213 ± 0.042 $\chi^2/\text{NDF}: 96260.0/90$

- sign -47.798 ± 0.059 $\chi^2/\text{NDF}: 53074.6/45$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.096 ± 0.131 χ^2/NDF : 1653.7/19

Left Out: -19.526 ± 0.056 χ^2/NDF : 6493.0/24

Right Out: -16.737 ± 0.127 χ^2/NDF : 1265.1/22

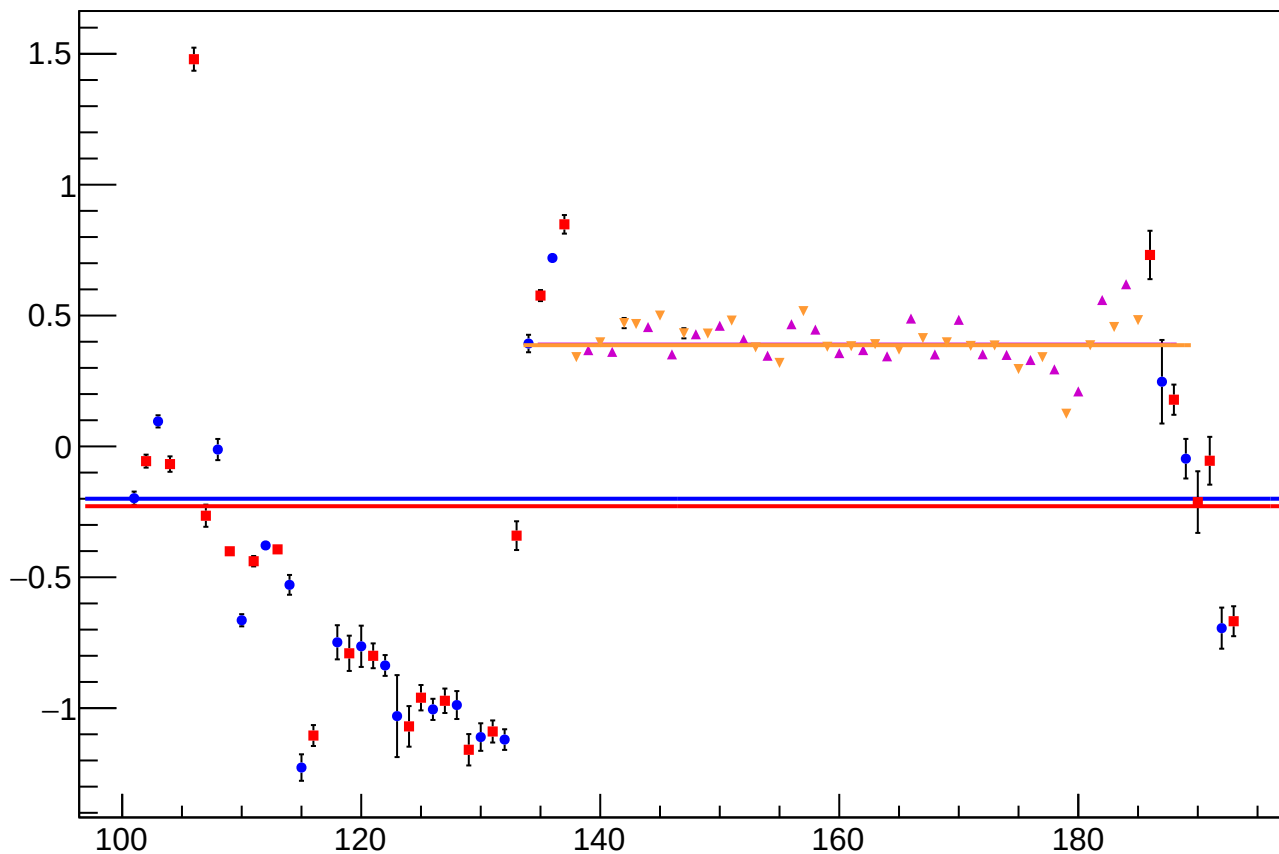
Left In: -19.552 ± 0.057 χ^2/NDF : 4359.1/22

+ sign -19.001 ± 0.051 χ^2/NDF : 8723.1/44

All: -19.038 ± 0.037 χ^2/NDF : 14759.6/90

- sign -19.075 ± 0.052 χ^2/NDF : 6035.4/45

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.200 ± 0.007 χ^2/NDF : 6390.4/19

Left Out: 0.387 ± 0.003 χ^2/NDF : 989.2/24

Right Out: -0.228 ± 0.007 χ^2/NDF : 6427.7/22

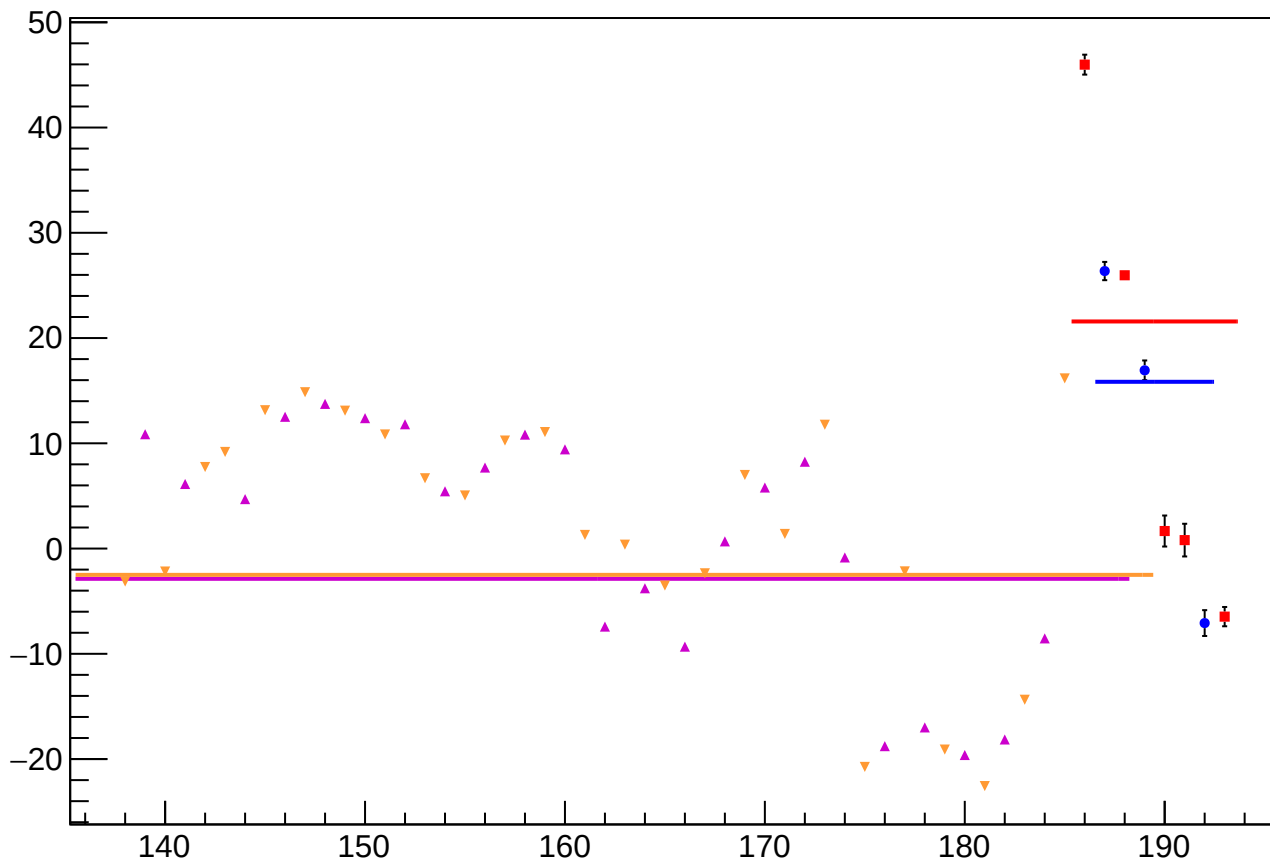
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.325 ± 0.002 χ^2/NDF : 12915.9/44

All: 0.320 ± 0.002 χ^2/NDF : 27404.1/90

- sign 0.314 ± 0.002 χ^2/NDF : 14478.9/45

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 15.843 $\pm$ 0.565 χ^2 /NDF: 497.2/2

Left Out: -2.499 $\pm$ 0.053 χ^2 /NDF: 55930.9/24

Right Out: 21.575 $\pm$ 0.340 χ^2 /NDF: 2066.5/4

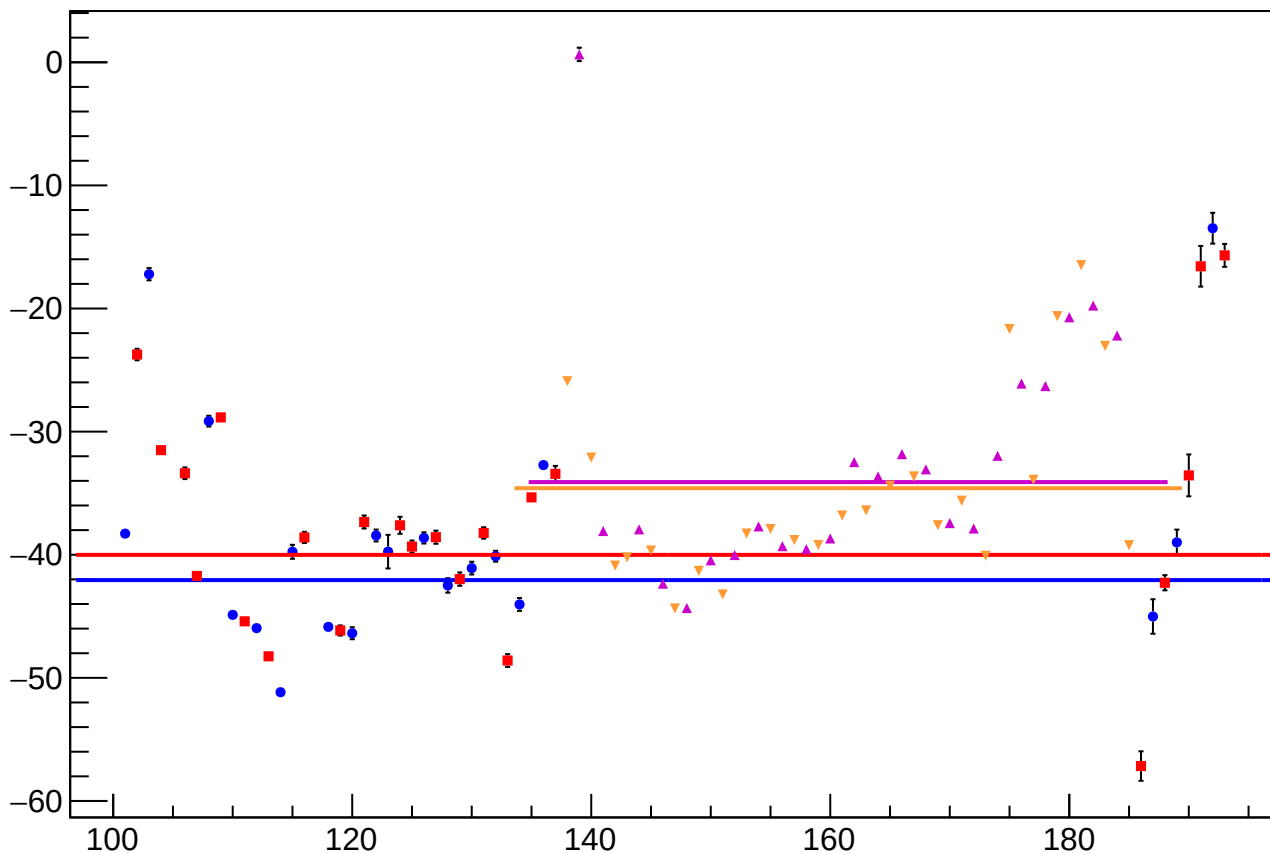
Left In: -2.876 $\pm$ 0.055 χ^2 /NDF: 46380.9/22

+ sign -2.339 $\pm$ 0.053 χ^2 /NDF: 57473.1/27

All: -2.301 $\pm$ 0.038 χ^2 /NDF: 110960.9/55

- sign -2.261 $\pm$ 0.054 χ^2 /NDF: 53486.7/27

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.060 ± 0.077 $\chi^2/\text{NDF}: 7110.1/19$

Left Out: -34.594 ± 0.042 $\chi^2/\text{NDF}: 34404.6/24$

Right Out: -40.010 ± 0.072 $\chi^2/\text{NDF}: 12005.9/22$

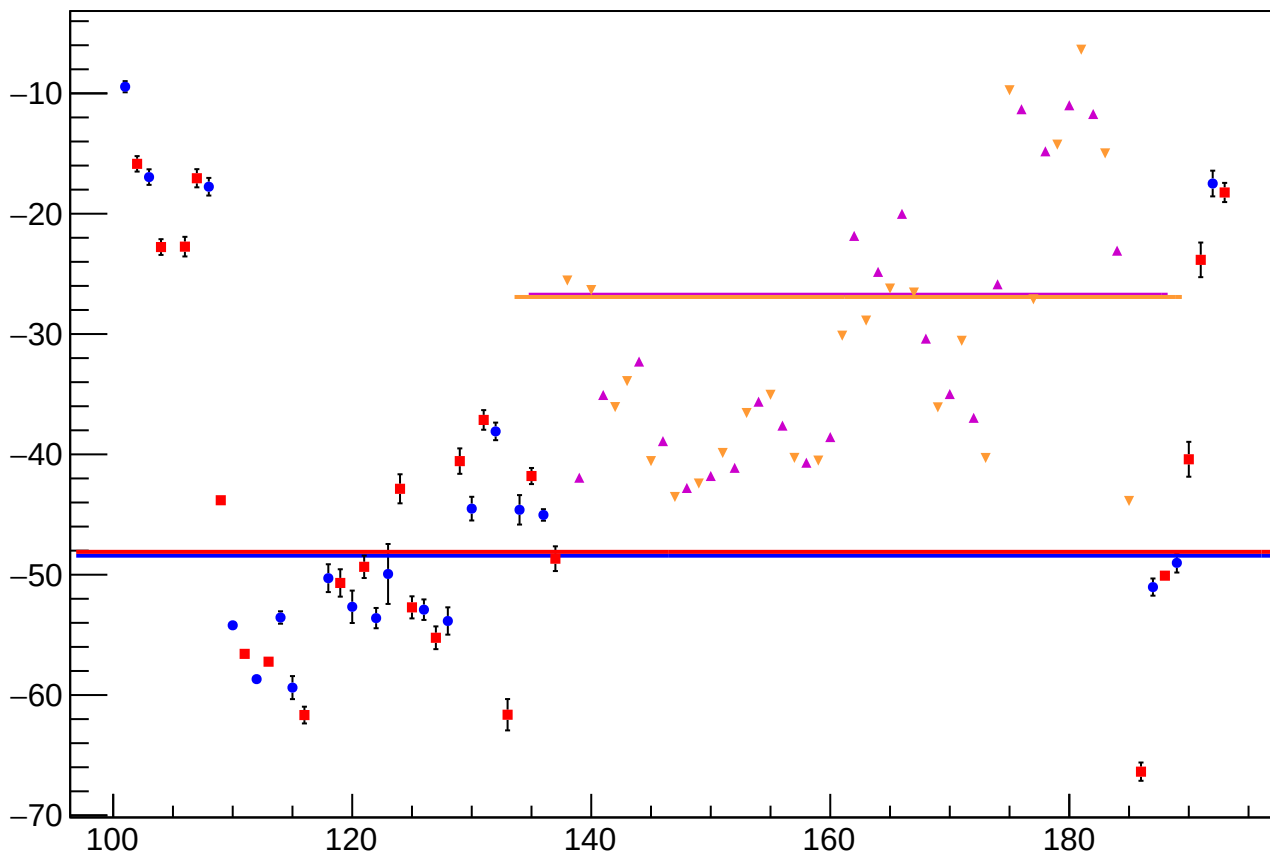
Left In: -34.099 ± 0.044 $\chi^2/\text{NDF}: 29370.6/22$

+ sign -36.294 ± 0.037 $\chi^2/\text{NDF}: 48723.7/44$

All: -36.002 ± 0.026 $\chi^2/\text{NDF}: 95155.9/90$

- sign -35.702 ± 0.037 $\chi^2/\text{NDF}: 46305.5/45$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.417 ± 0.120 χ^2/NDF : 15517.2/19

Left Out: -26.920 ± 0.053 χ^2/NDF : 49198.9/24

Right Out: -48.099 ± 0.100 χ^2/NDF : 13422.7/22

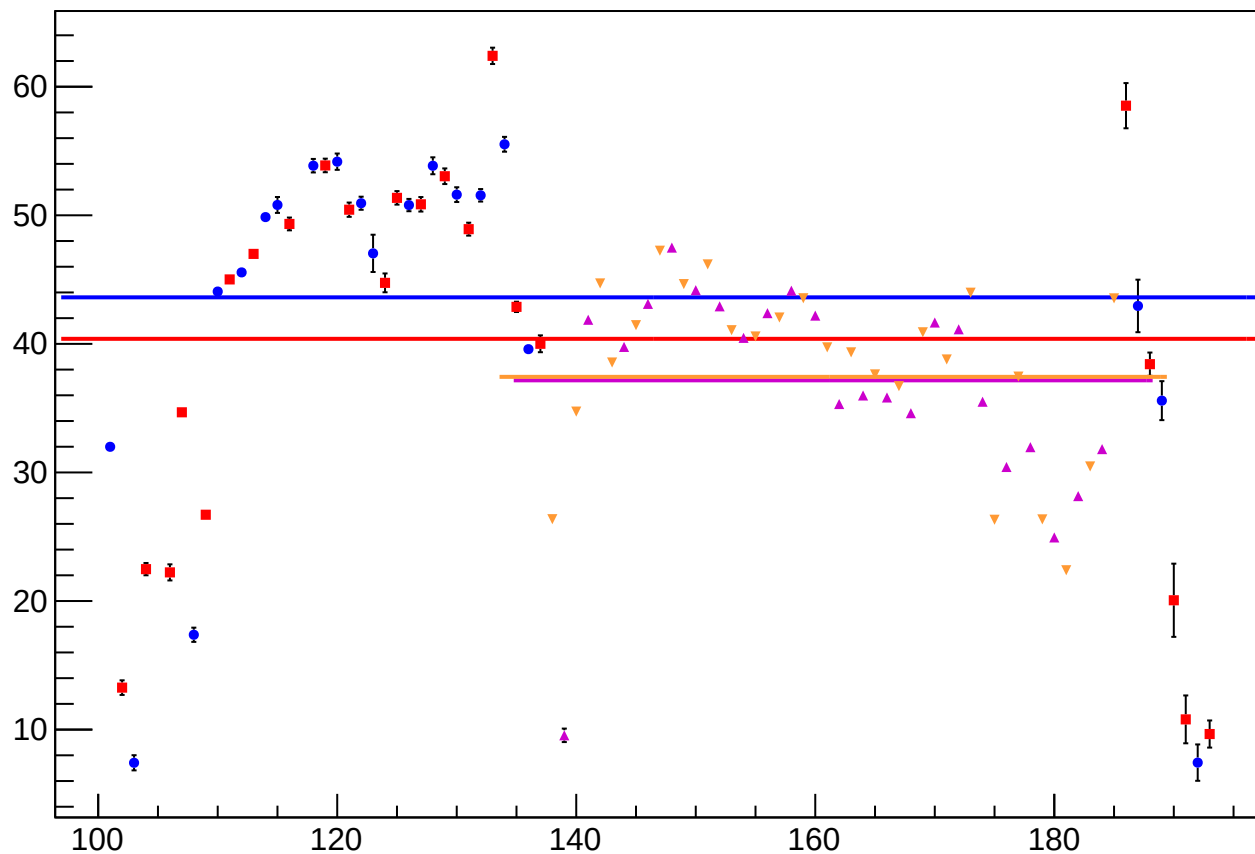
Left In: -26.733 ± 0.055 χ^2/NDF : 42643.0/22

+ sign -30.446 ± 0.049 χ^2/NDF : 91366.4/44

All: -31.047 ± 0.034 χ^2/NDF : 182662.8/90

- sign -31.629 ± 0.048 χ^2/NDF : 90997.7/45

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.619 $\pm$ 0.086 χ^2 /NDF: 11325.3/19

Left Out: 37.435 $\pm$ 0.047 χ^2 /NDF:21517.4/24

Right Out: 40.392 $\pm$ 0.080 χ^2 /NDF: 18229.3/22

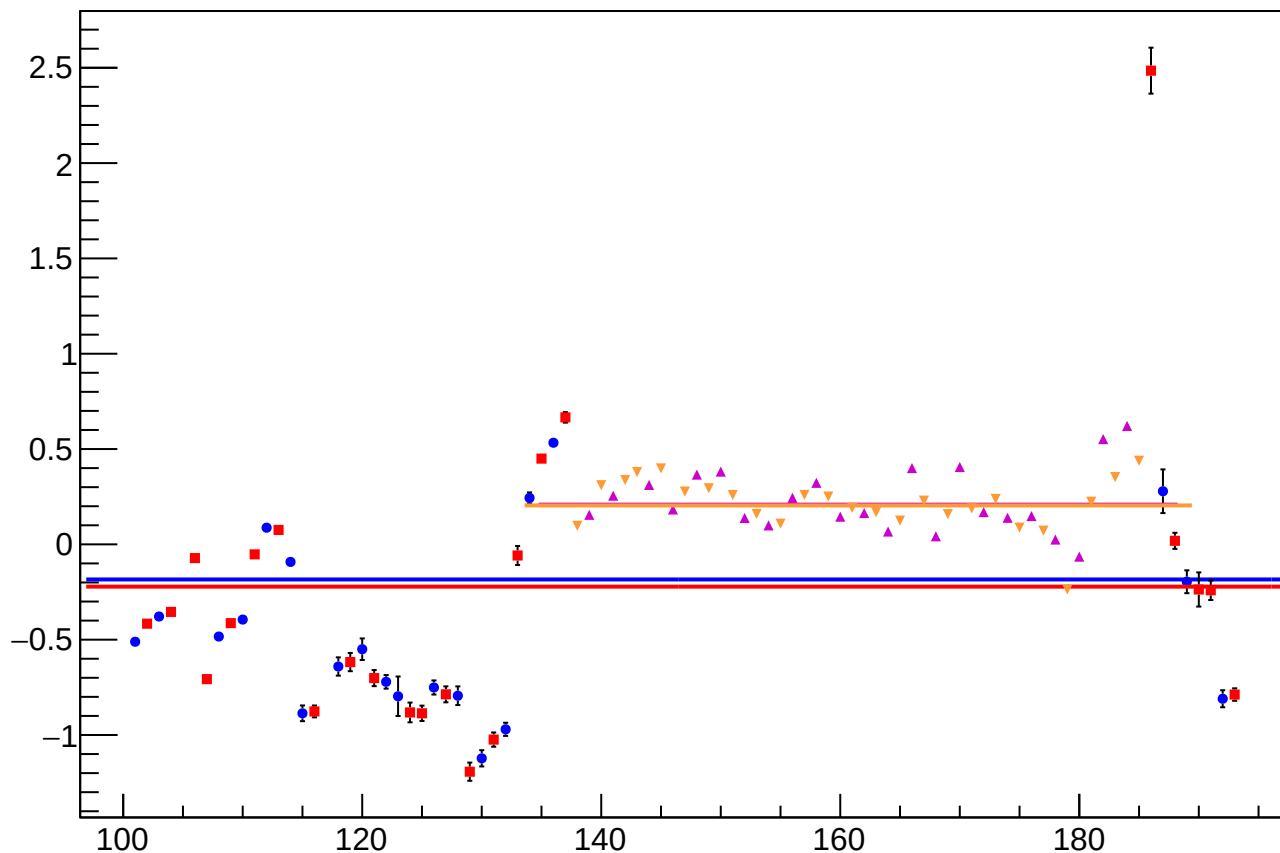
Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

+ sign 38.866 $\pm$ 0.041 χ^2 /NDF: 36793.7/44

All: 38.464 $\pm$ 0.029 χ^2 /NDF: 73832.5/90

- sign 38.056 $\pm$ 0.042 χ^2 /NDF: 36849.4/45

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.184 ± 0.005 χ^2/NDF : 7590.9/19

Left Out: 0.204 ± 0.002 χ^2/NDF : 3801.8/24

Right Out: -0.222 ± 0.004 χ^2/NDF : 8296.8/22

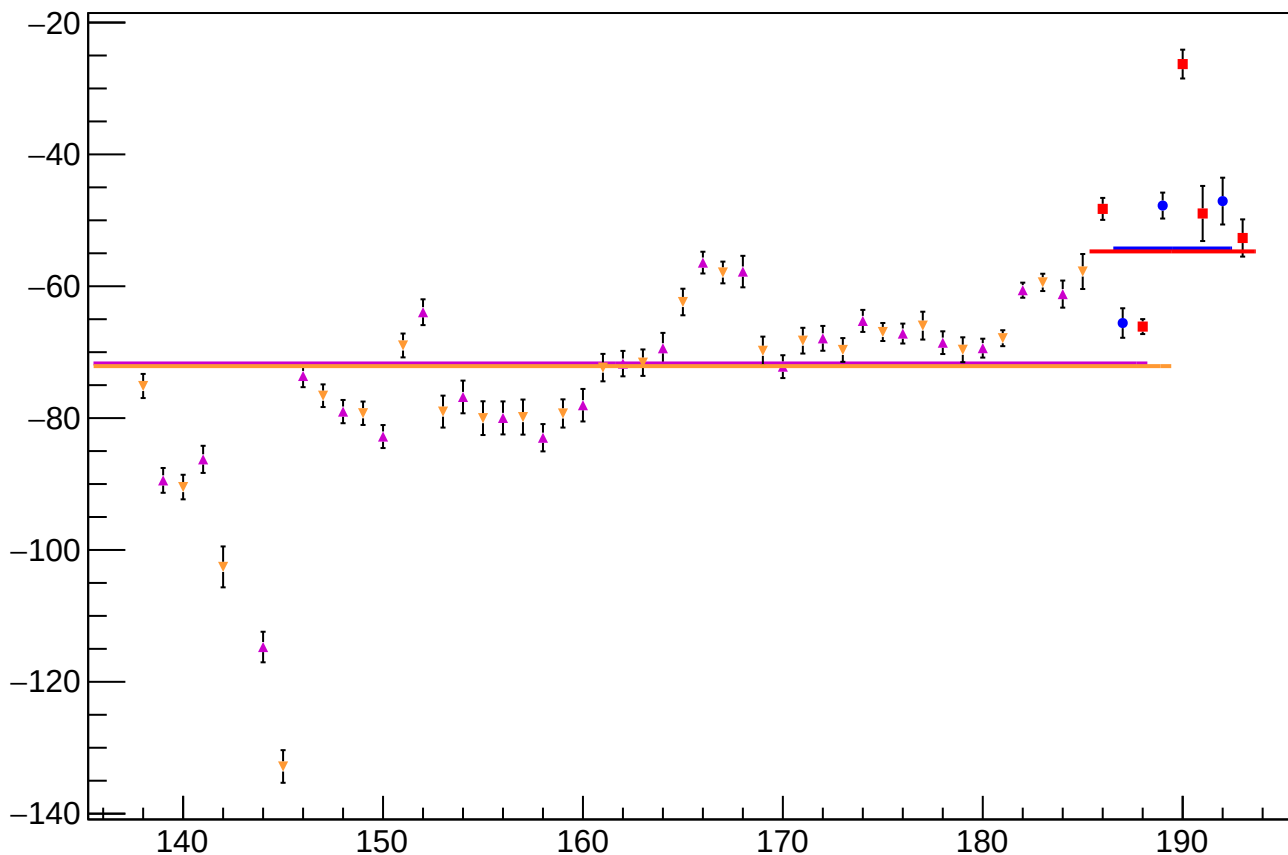
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.138 ± 0.002 χ^2/NDF : 16843.9/44

All: 0.126 ± 0.001 χ^2/NDF : 38372.6/90

- sign 0.114 ± 0.002 χ^2/NDF : 21460.6/45

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -54.276 $\pm$ 1.364 χ^2 /NDF: 40.5/2

Left Out: -72.115 $\pm$ 0.383 χ^2 /NDF:1125.2/23

Right Out: -54.716 $\pm$ 0.809 χ^2 /NDF: 287.3/4

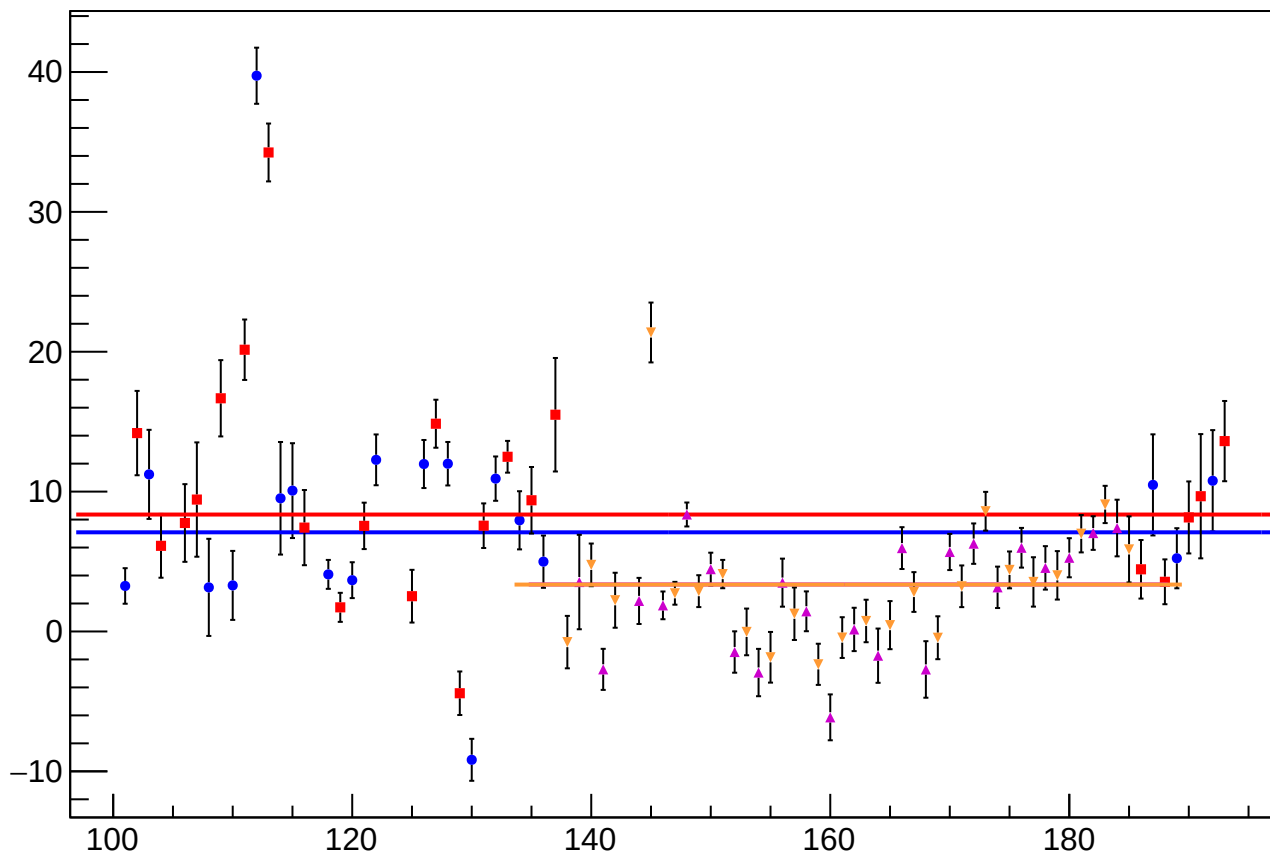
Left In: -71.713 $\pm$ 0.380 χ^2 /NDF:884.6/22

+ sign -70.813 $\pm$ 0.369 χ^2 /NDF: 1324.2/26

All: -69.650 $\pm$ 0.252 χ^2 /NDF: 2876.5/54

- sign -68.635 $\pm$ 0.344 χ^2 /NDF: 1533.7/27

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.089 ± 0.419 χ^2/NDF : 449.5/18

Left Out: 3.353 ± 0.295 χ^2/NDF : 167.8/23

Right Out: 8.360 ± 0.412 χ^2/NDF : 365.6/21

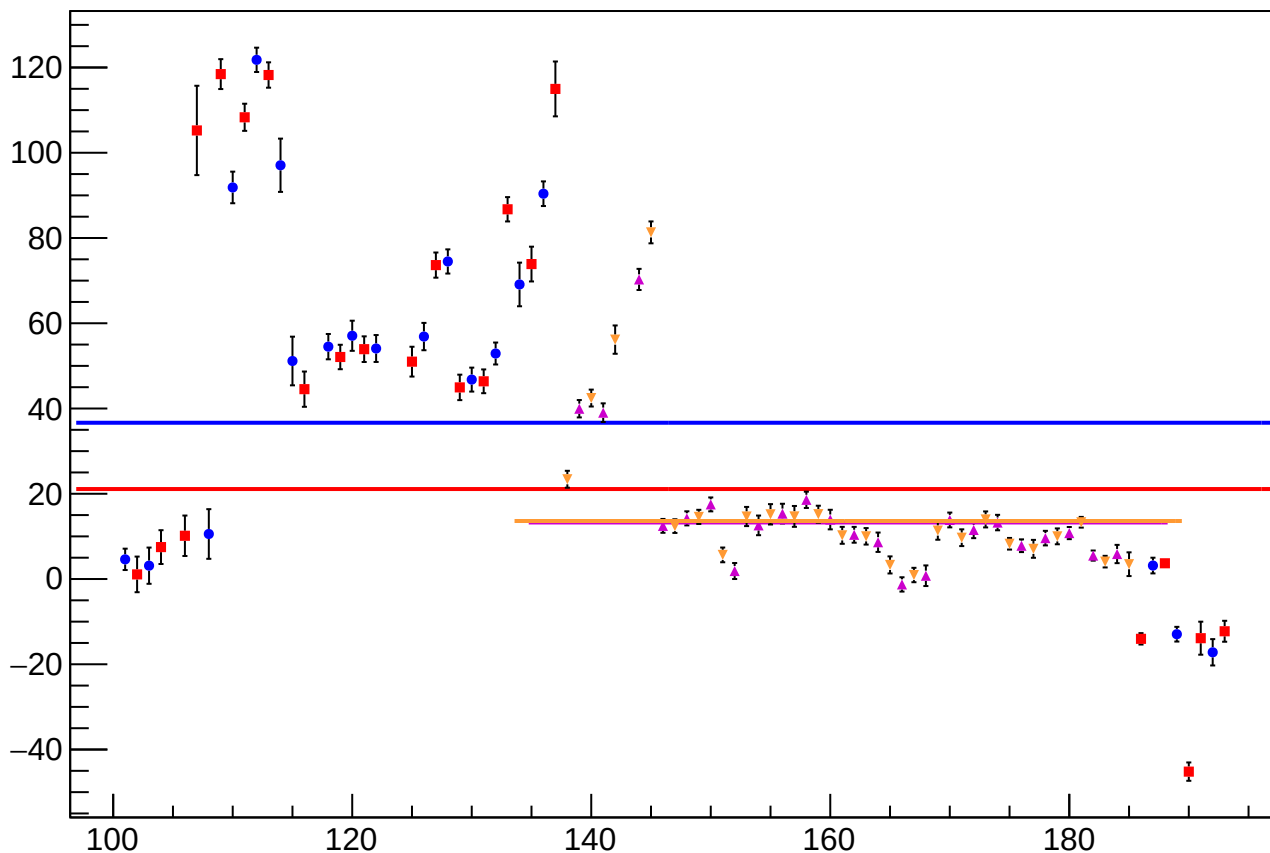
Left In: 3.360 ± 0.298 χ^2/NDF : 164.5/22

+ sign 4.588 ± 0.241 χ^2/NDF : 670.5/42

All: 4.830 ± 0.171 χ^2/NDF : 1299.4/87

- sign 5.073 ± 0.241 χ^2/NDF : 626.9/44

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 36.660 ± 0.677 $\chi^2/\text{NDF}: 3674.8/18$

Left Out: 13.610 ± 0.382 $\chi^2/\text{NDF}: 1303.3/23$

Right Out: 21.109 ± 0.528 $\chi^2/\text{NDF}: 6666.9/21$

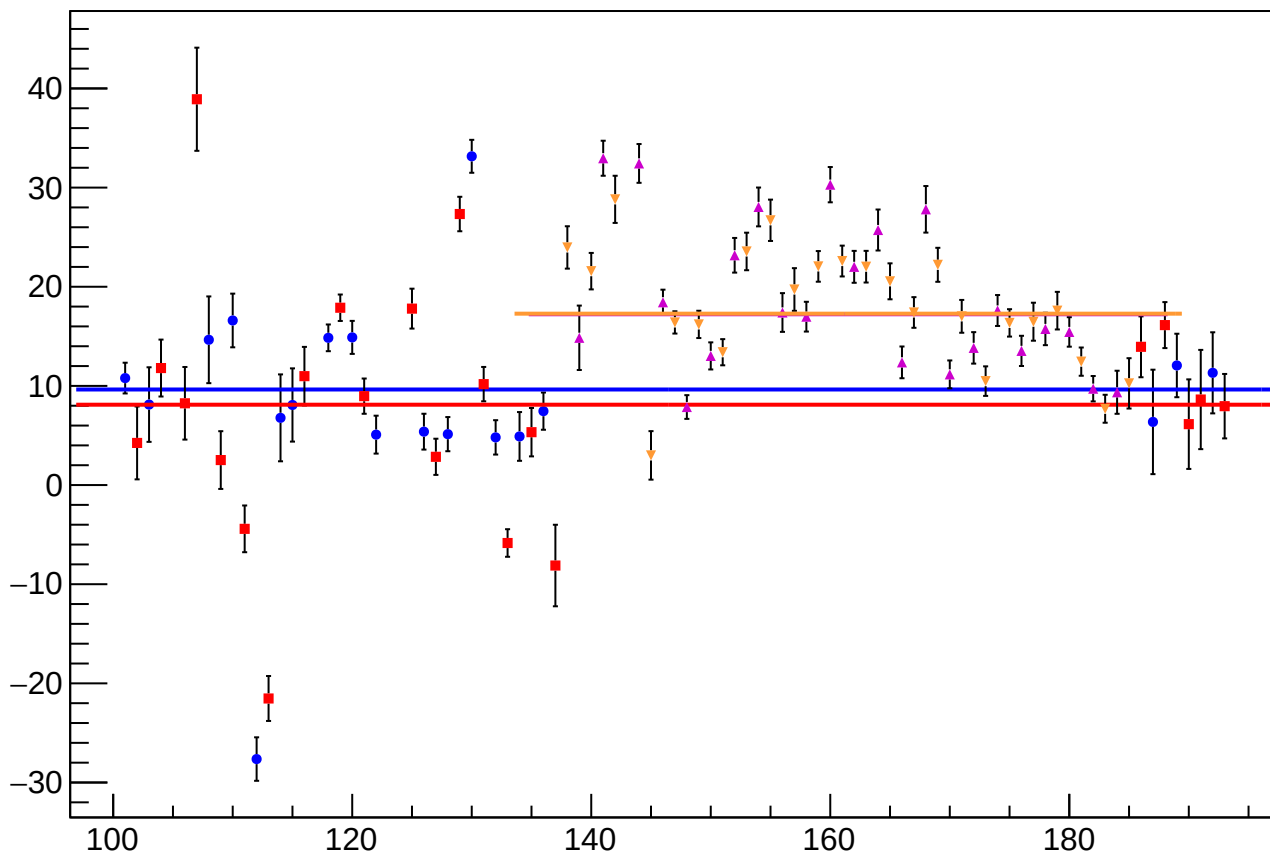
Left In: 13.262 ± 0.379 $\chi^2/\text{NDF}: 1077.0/22$

+ sign 19.171 ± 0.333 $\chi^2/\text{NDF}: 5857.9/42$

All: 17.424 ± 0.226 $\chi^2/\text{NDF}: 13799.1/87$

- sign 15.928 ± 0.308 $\chi^2/\text{NDF}: 7889.9/44$

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.638 $\pm$ 0.489 χ^2/NDF : 555.6/18

Left Out: 17.285 $\pm$ 0.337 χ^2/NDF :244.0/23

Right Out: 8.103 $\pm$ 0.487 χ^2/NDF : 584.1/21

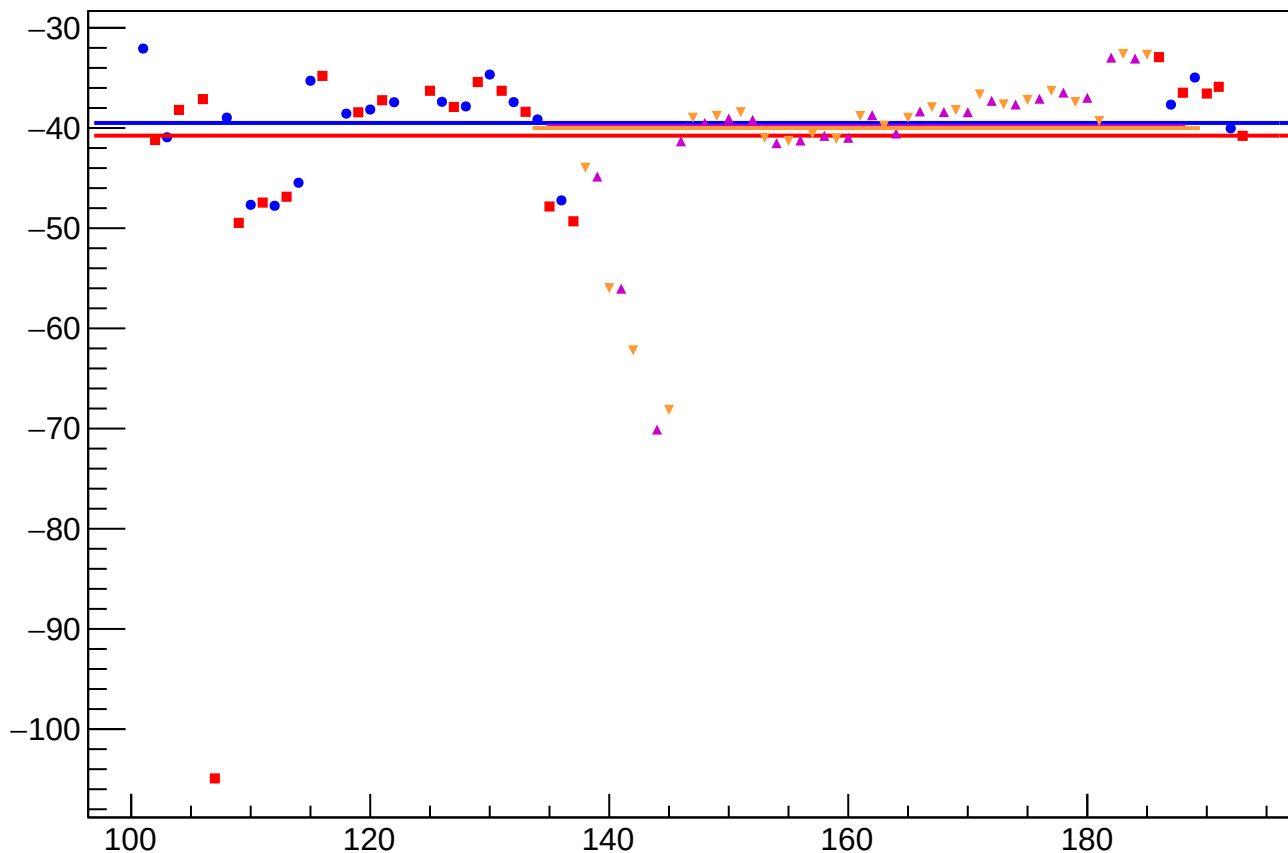
Left In: 17.224 $\pm$ 0.339 χ^2/NDF :442.2/22

+ sign 14.825 $\pm$ 0.278 χ^2/NDF : 965.2/42

All: 14.538 $\pm$ 0.196 χ^2/NDF : 2230.4/87

- sign 14.250 $\pm$ 0.278 χ^2/NDF : 1263.1/44

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.494 ± 0.029 χ^2/NDF : 27677.7/18

Left Out: -40.002 ± 0.016 χ^2/NDF : 172150.1/23

Right Out: -40.762 ± 0.027 χ^2/NDF : 99264.5/21

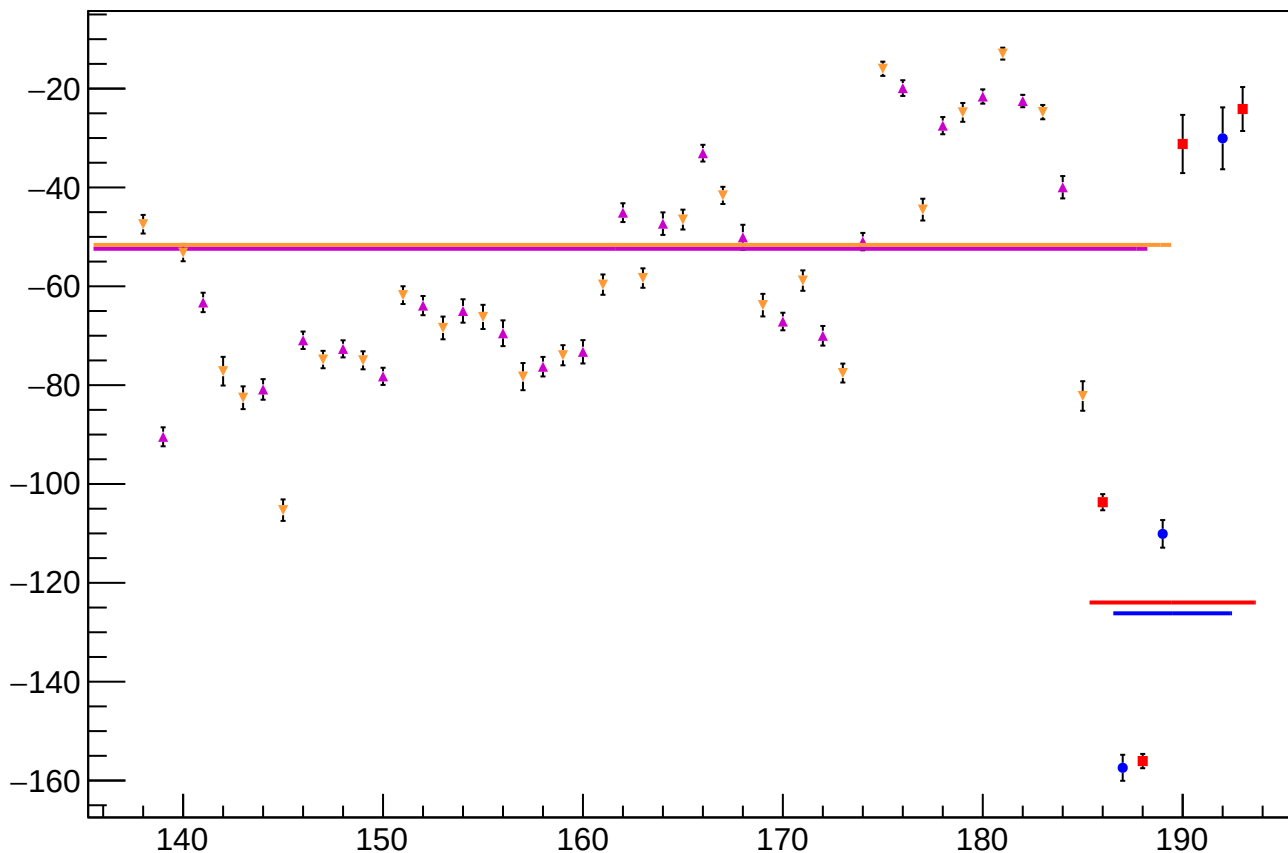
Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

+ sign -39.887 ± 0.014 χ^2/NDF : 200062.6/42

All: -39.968 ± 0.010 χ^2/NDF : 446089.3/87

- sign -40.045 ± 0.014 χ^2/NDF : 245960.5/44

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -126.166 ± 1.831 χ^2/NDF : 409.7/2

Left Out: -51.622 ± 0.383 χ^2/NDF : 4133.0/24

Right Out: -123.978 ± 1.035 χ^2/NDF : 1399.8/3

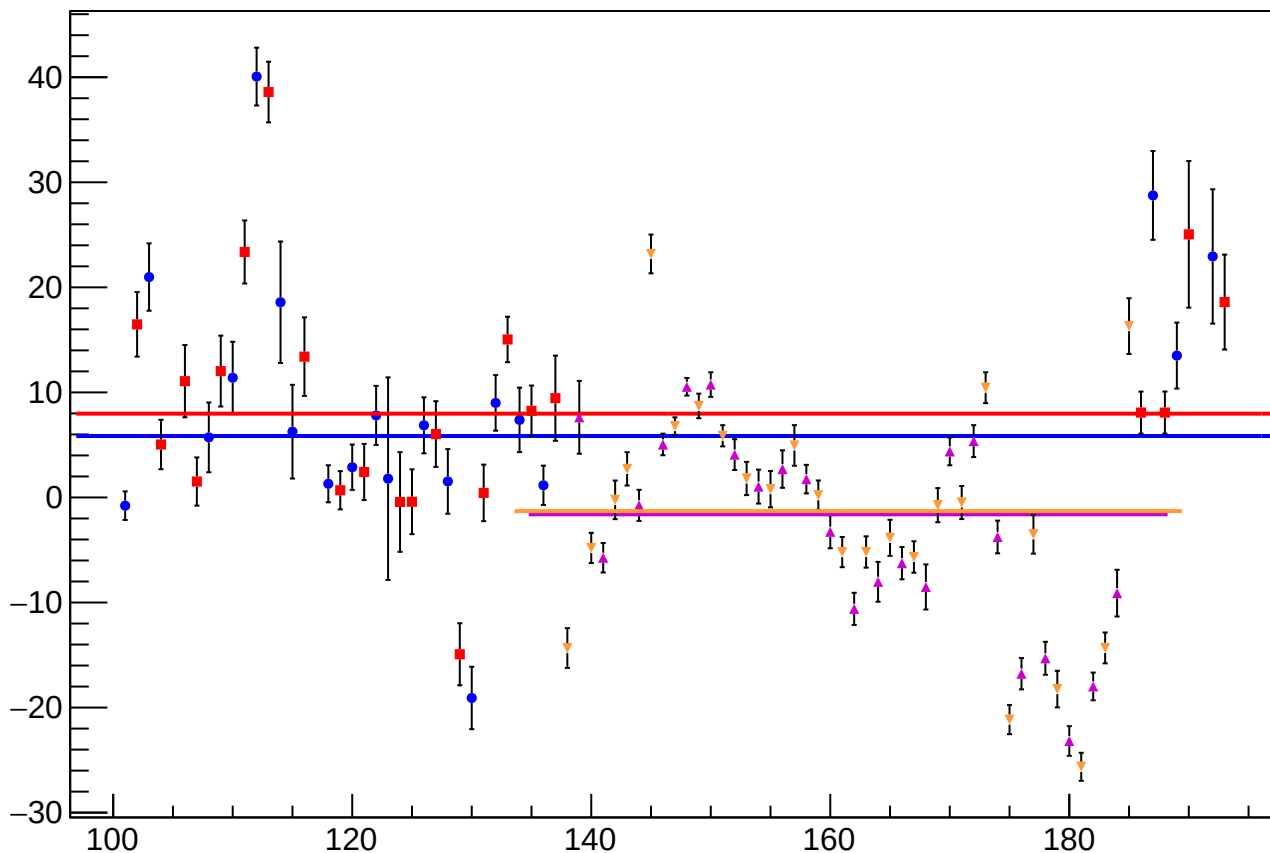
Left In: -52.409 ± 0.387 χ^2/NDF : 3378.7/22

+ sign -54.753 ± 0.375 χ^2/NDF : 6130.2/27

All: -58.085 ± 0.261 χ^2/NDF : 15255.9/54

- sign -61.196 ± 0.363 χ^2/NDF : 8973.3/26

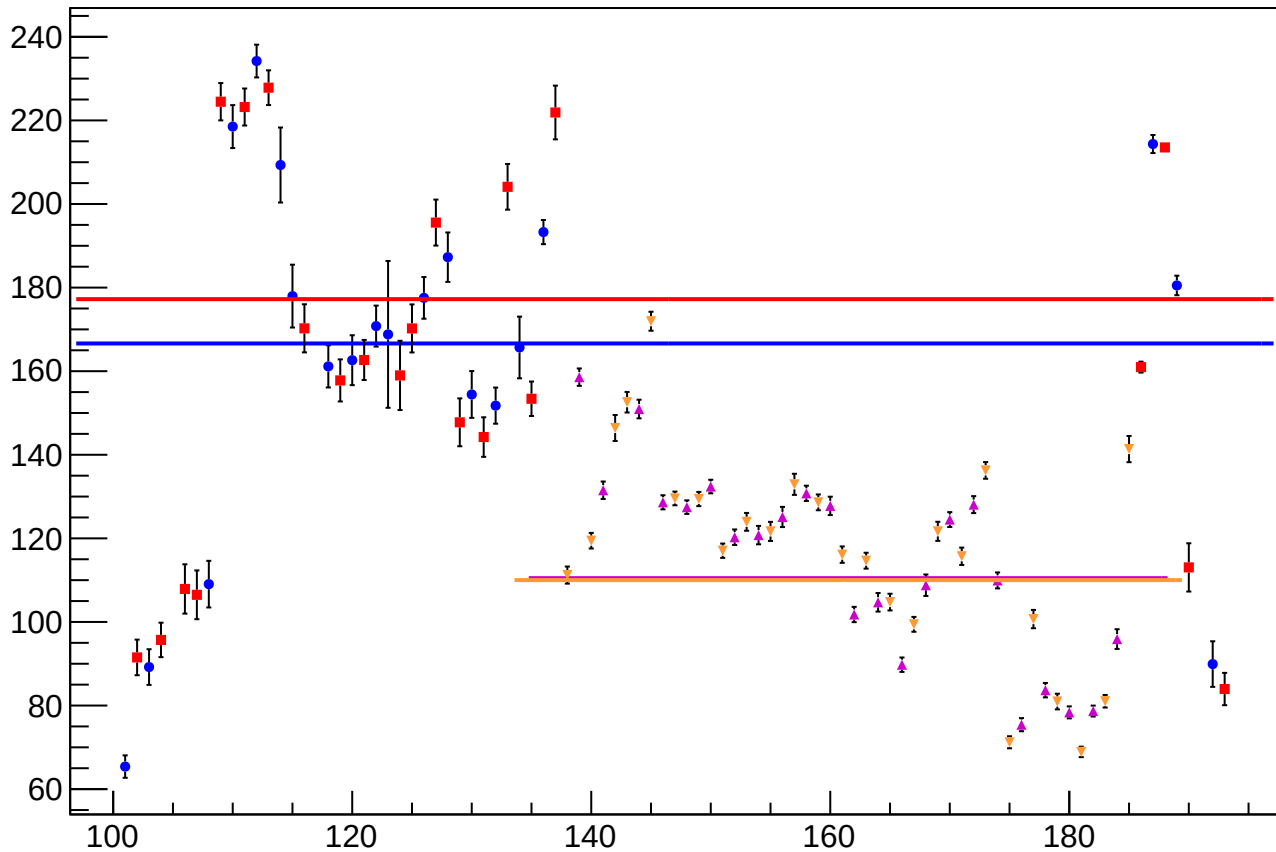
reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 5.848 ± 0.600 $\chi^2/\text{NDF}: 340.2/19$
 Left Out: -1.300 ± 0.293 $\chi^2/\text{NDF}: 1315.7/24$
 Right Out: 7.977 ± 0.586 $\chi^2/\text{NDF}: 281.9/21$
 Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

+ sign 0.071 ± 0.263 $\chi^2/\text{NDF}: 1770.4/44$
 All: 0.223 ± 0.187 $\chi^2/\text{NDF}: 3362.7/89$
 - sign 0.379 ± 0.267 $\chi^2/\text{NDF}: 1591.6/44$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 166.630 $\pm$ 0.915 χ^2 /NDF: 3123.2/19

Left Out: 110.012 $\pm$ 0.383 χ^2 /NDF: 4537.0/24

Right Out: 177.241 $\pm$ 0.683 χ^2 /NDF: 3512.8/21

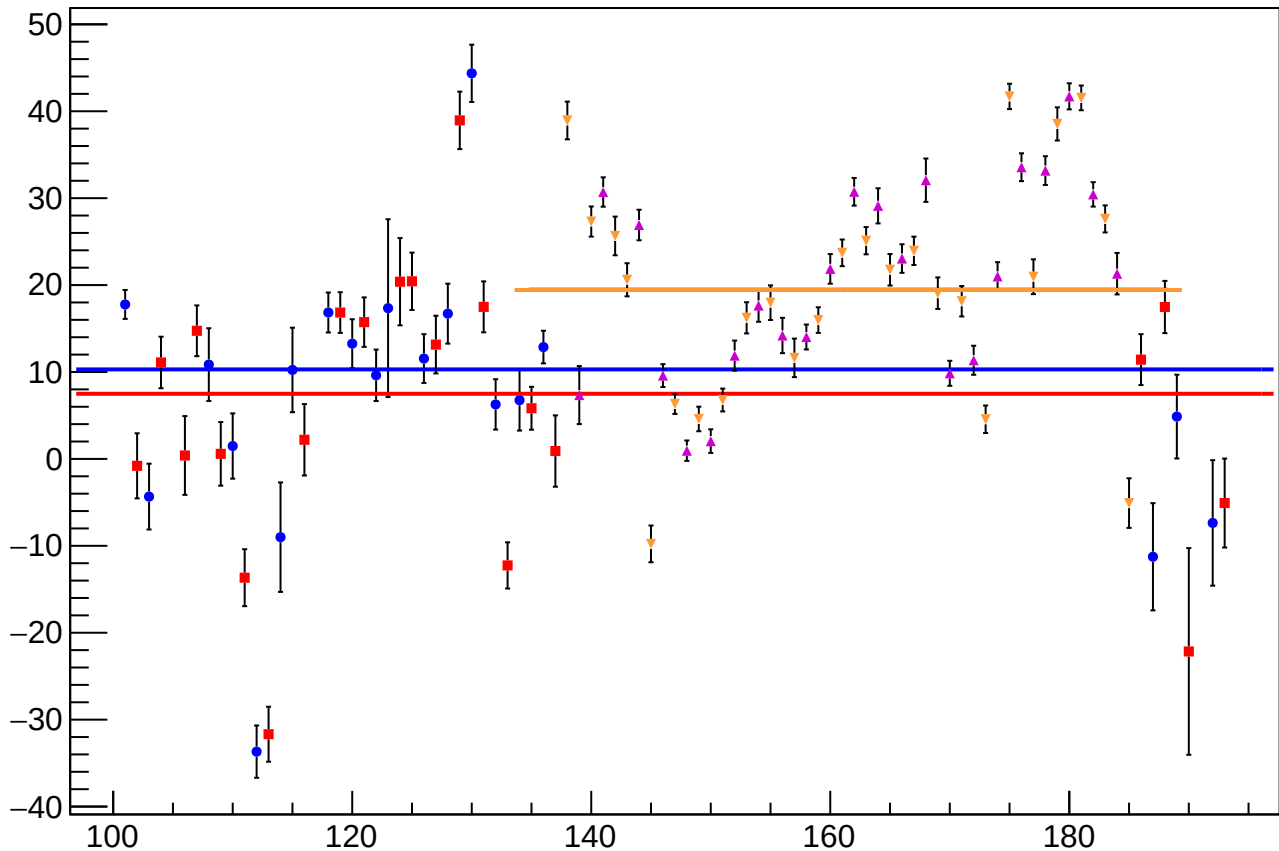
Left In: 110.482 $\pm$ 0.385 χ^2 /NDF: 3824.9/22

+ sign 118.439 $\pm$ 0.353 χ^2 /NDF: 10916.9/44

All: 122.701 $\pm$ 0.243 χ^2 /NDF: 25776.5/89

- sign 126.543 $\pm$ 0.335 χ^2 /NDF: 14582.7/44

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.298 $\pm$ 0.698 χ^2/NDF : 408.2/19

Left Out: 19.434 $\pm$ 0.336 χ^2/NDF :1452.3/24

Right Out: 7.494 $\pm$ 0.698 χ^2/NDF : 450.0/21

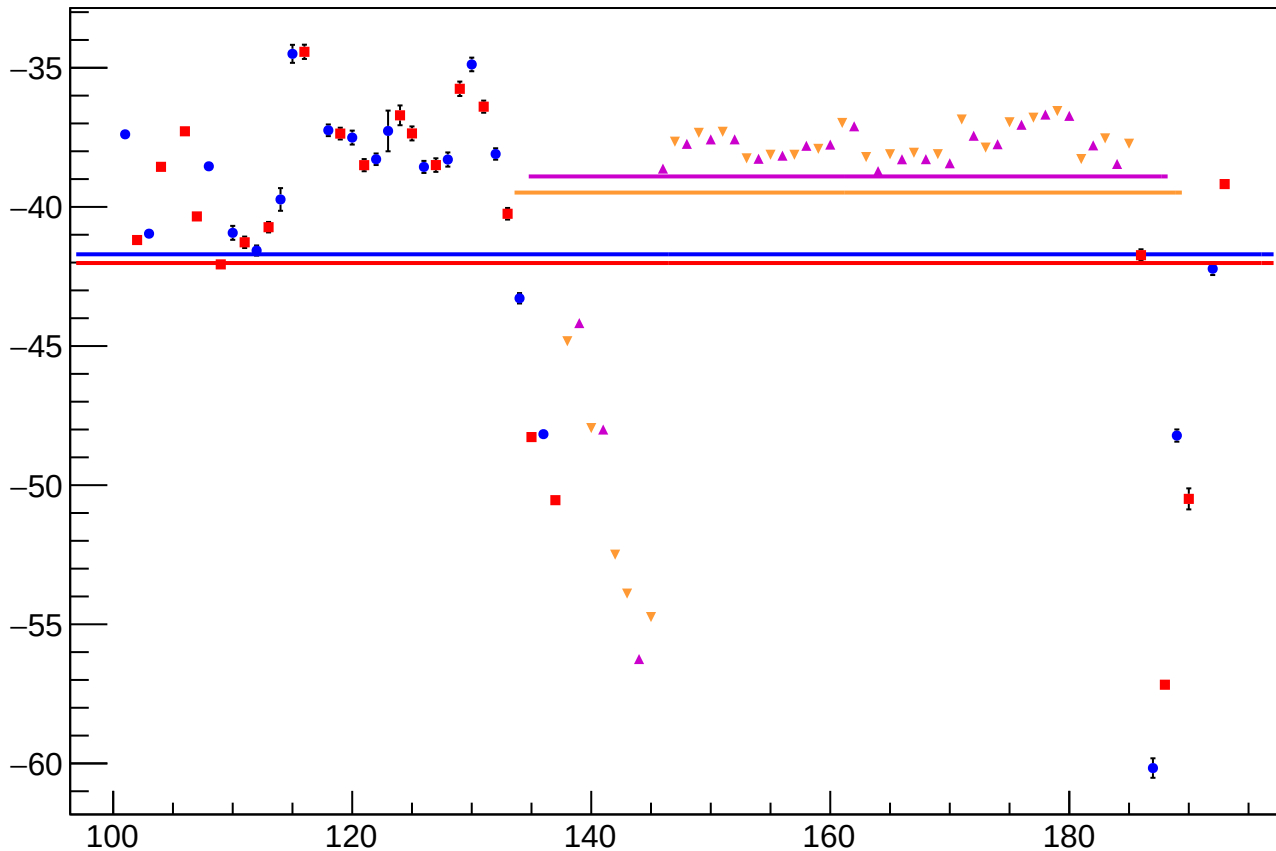
Left In: 19.472 $\pm$ 0.342 χ^2/NDF :1188.2/22

+ sign 17.719 $\pm$ 0.302 χ^2/NDF : 1999.7/44

All: 17.442 $\pm$ 0.215 χ^2/NDF : 3877.1/89

- sign 17.158 $\pm$ 0.307 χ^2/NDF : 1875.7/44

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.703 ± 0.037 $\chi^2/\text{NDF}: 16362.7/19$

Left Out: -39.484 ± 0.016 $\chi^2/\text{NDF}: 88877.3/24$

Right Out: -42.017 ± 0.036 $\chi^2/\text{NDF}: 22257.0/21$

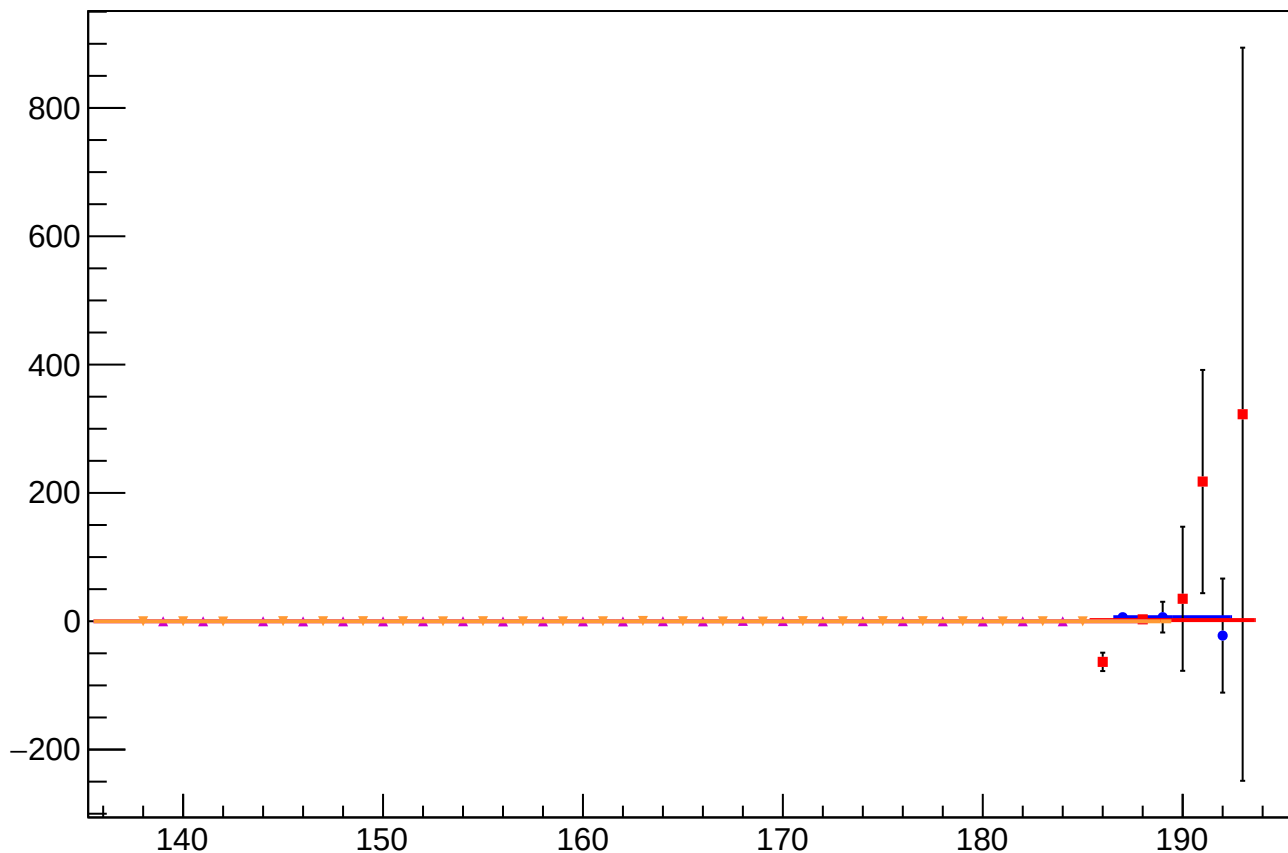
Left In: -38.905 ± 0.016 $\chi^2/\text{NDF}: 54282.7/22$

+ sign -39.822 ± 0.015 $\chi^2/\text{NDF}: 108256.9/44$

All: -39.614 ± 0.010 $\chi^2/\text{NDF}: 191468.0/89$

- sign -39.407 ± 0.014 $\chi^2/\text{NDF}: 82800.4/44$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 6.273 ± 2.982 χ^2/NDF : 0.1/2

Left Out: -0.089 ± 0.022 χ^2/NDF : 40.0/23

Right Out: 1.796 ± 1.944 χ^2/NDF : 23.0/4

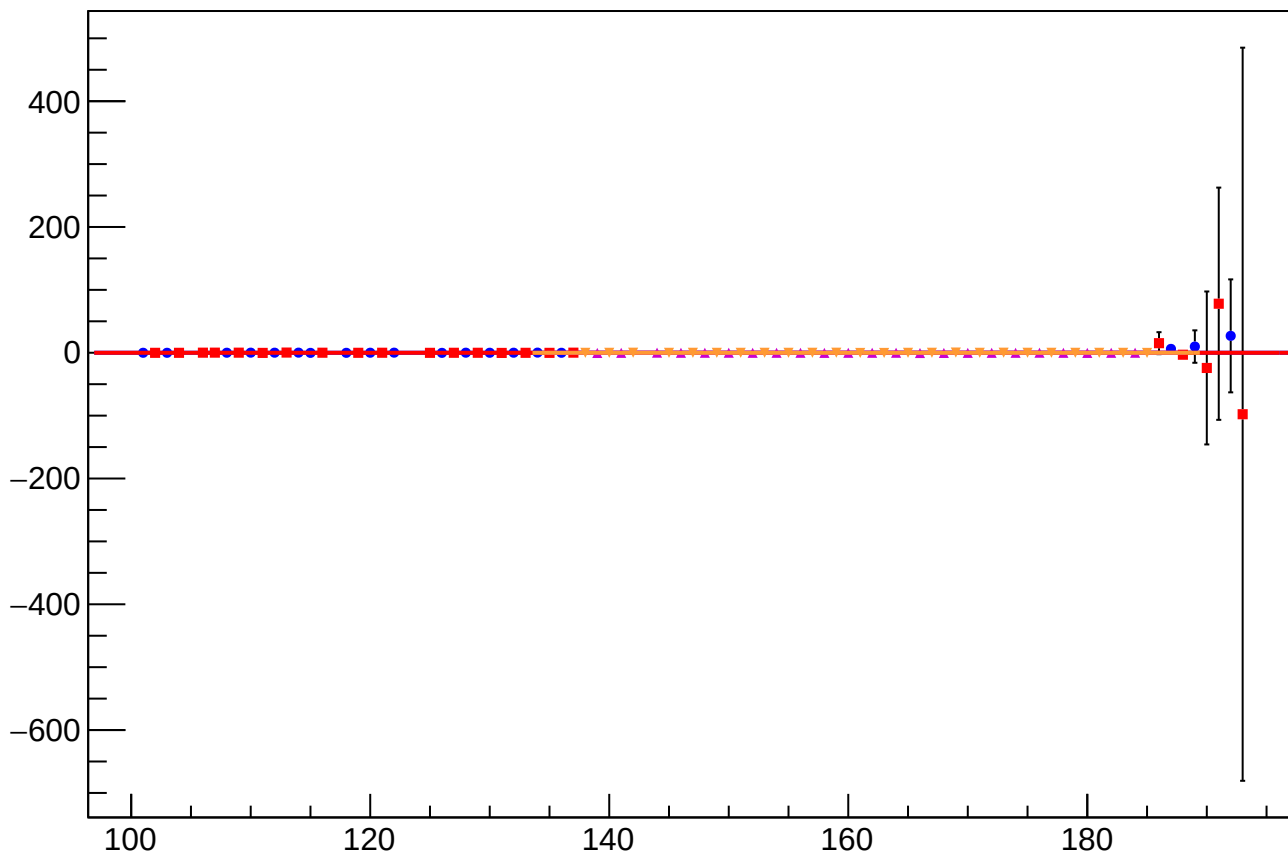
Left In: -0.026 ± 0.022 χ^2/NDF : 32.3/22

+ sign -0.089 ± 0.022 χ^2/NDF : 44.7/26

All: -0.057 ± 0.016 χ^2/NDF : 104.9/54

- sign -0.025 ± 0.022 χ^2/NDF : 56.1/27

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 14.4/18

Left Out: -0.081 ± 0.017 χ^2/NDF : 25.8/23

Right Out: -0.051 ± 0.029 χ^2/NDF : 23.2/21

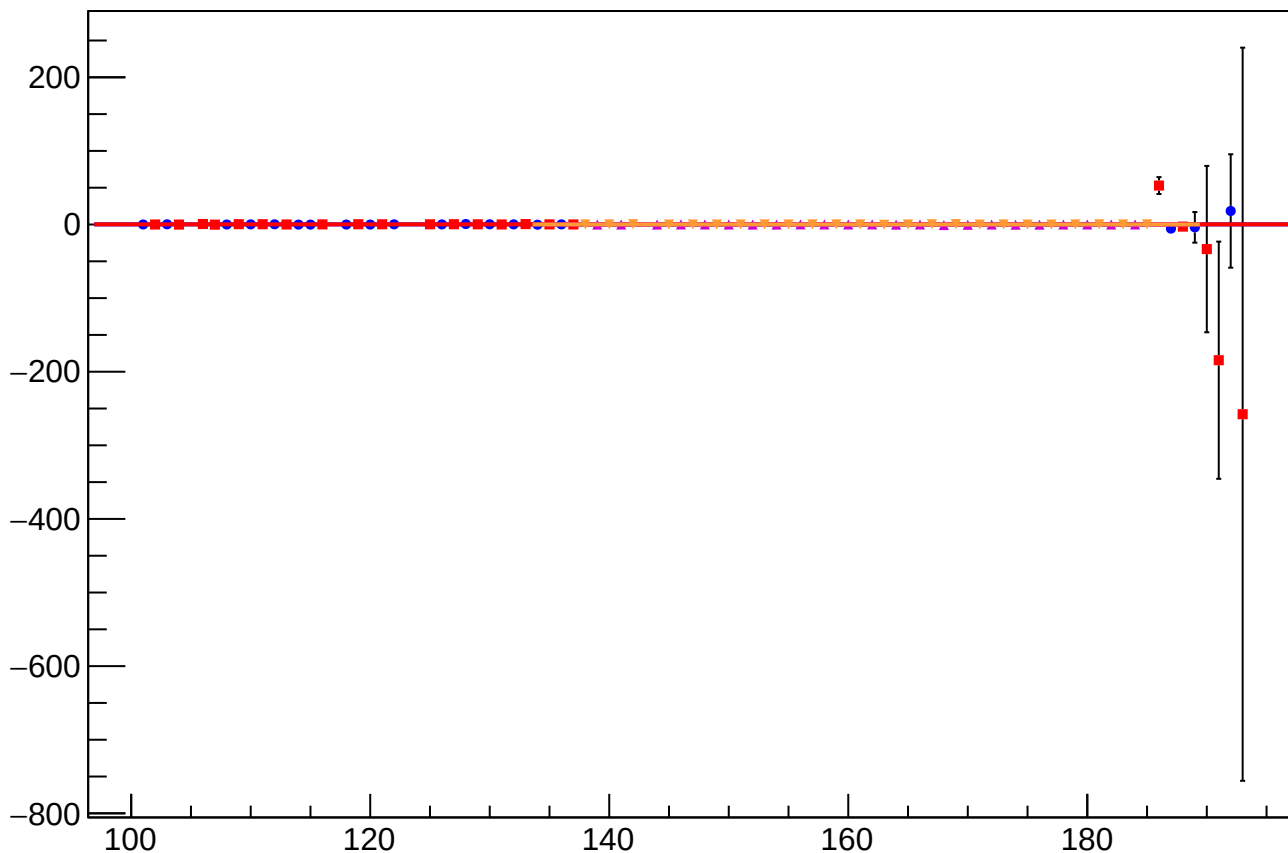
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 46.4/42

All: -0.056 ± 0.011 χ^2/NDF : 101.8/87

- sign -0.054 ± 0.015 χ^2/NDF : 55.3/44

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.168 ± 0.052 χ^2/NDF : 19.1/18

Left Out: 0.082 ± 0.022 χ^2/NDF : 38.7/23

Right Out: 0.237 ± 0.054 χ^2/NDF : 43.4/21

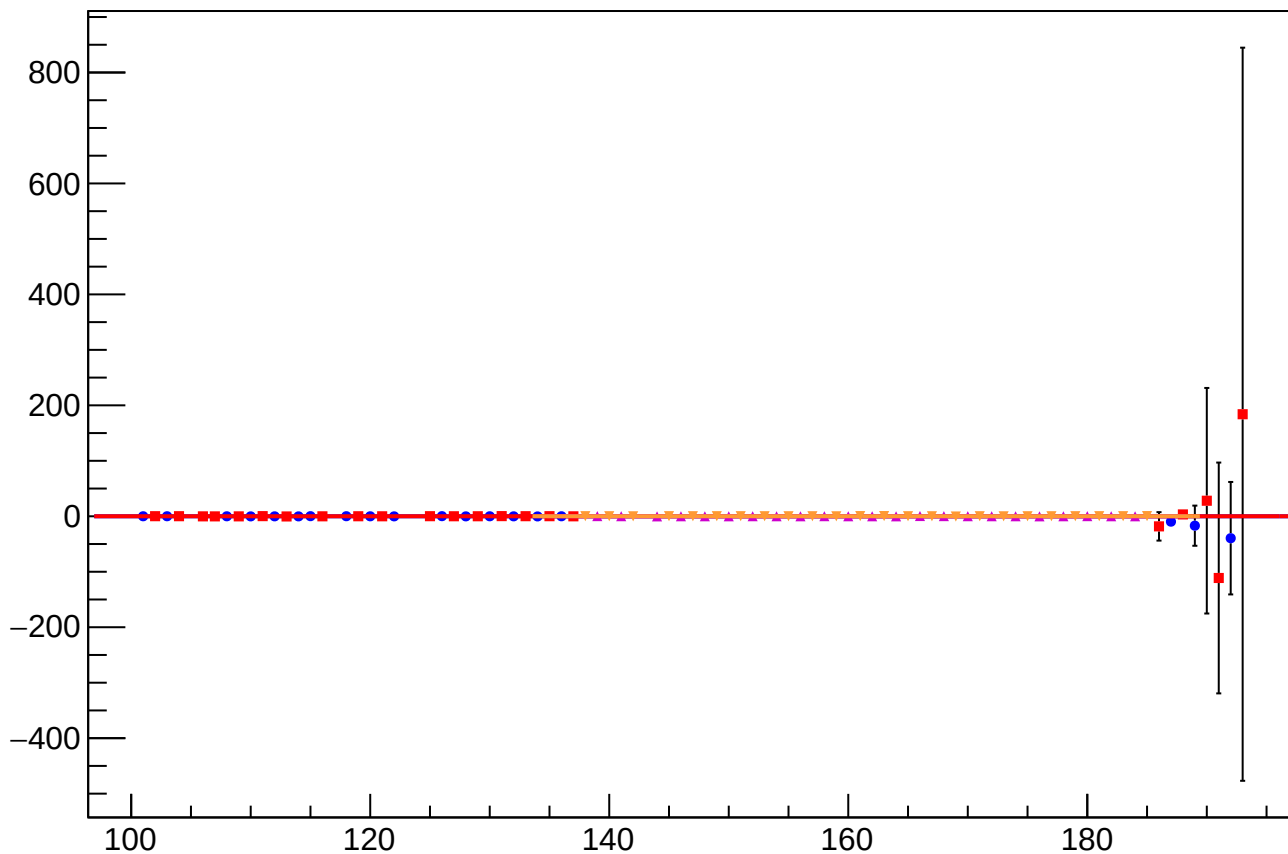
Left In: 0.020 ± 0.022 χ^2/NDF : 34.5/22

+ sign 0.095 ± 0.020 χ^2/NDF : 60.2/42

All: 0.073 ± 0.014 χ^2/NDF : 154.3/87

- sign 0.051 ± 0.020 χ^2/NDF : 91.9/44

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 16.0/18

Left Out: 0.105 ± 0.020 χ^2/NDF : 29.5/23

Right Out: 0.059 ± 0.034 χ^2/NDF : 21.6/21

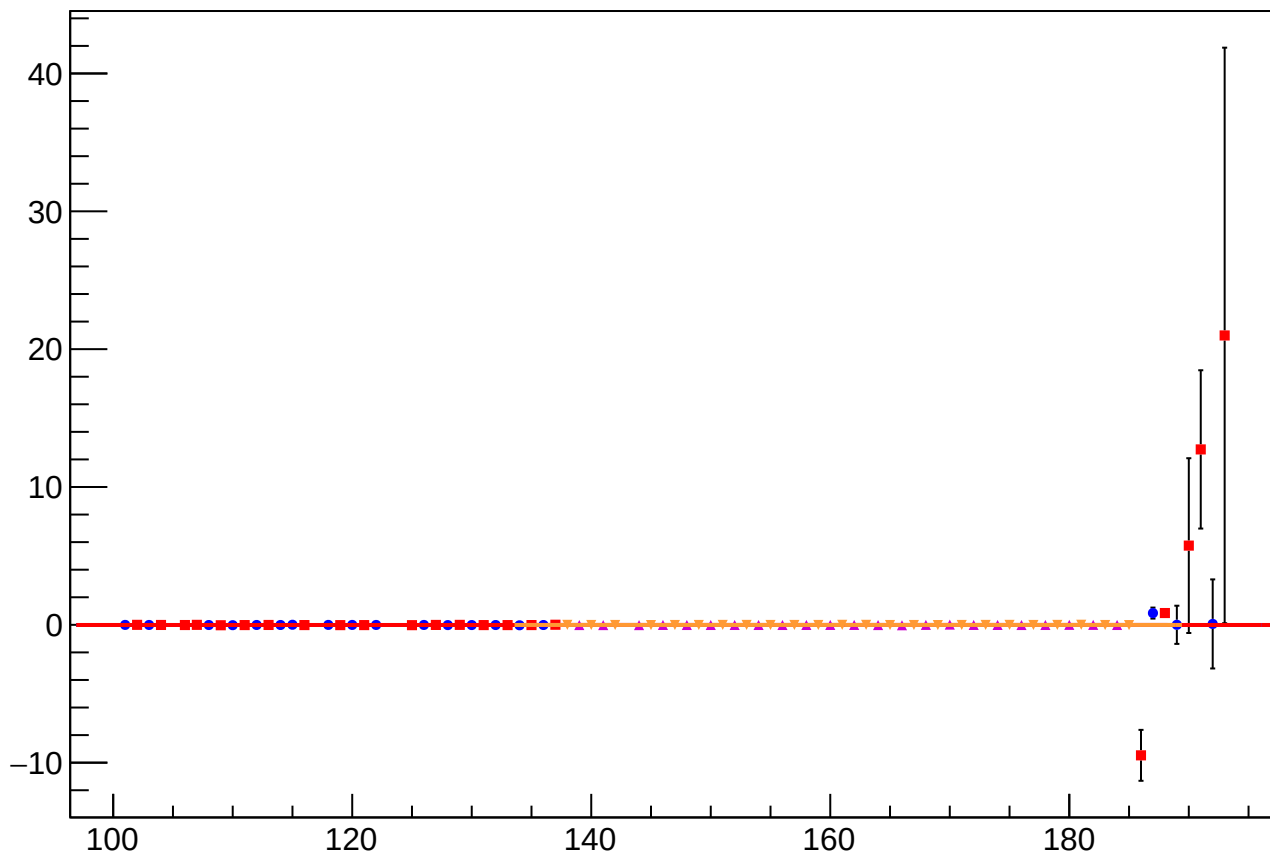
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 54.8/42

All: 0.071 ± 0.012 χ^2/NDF : 108.3/87

- sign 0.069 ± 0.017 χ^2/NDF : 53.5/44

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 17.6/18

Left Out: -0.008 ± 0.001 χ^2/NDF : 30.7/23

Right Out: -0.011 ± 0.002 χ^2/NDF : 70.7/21

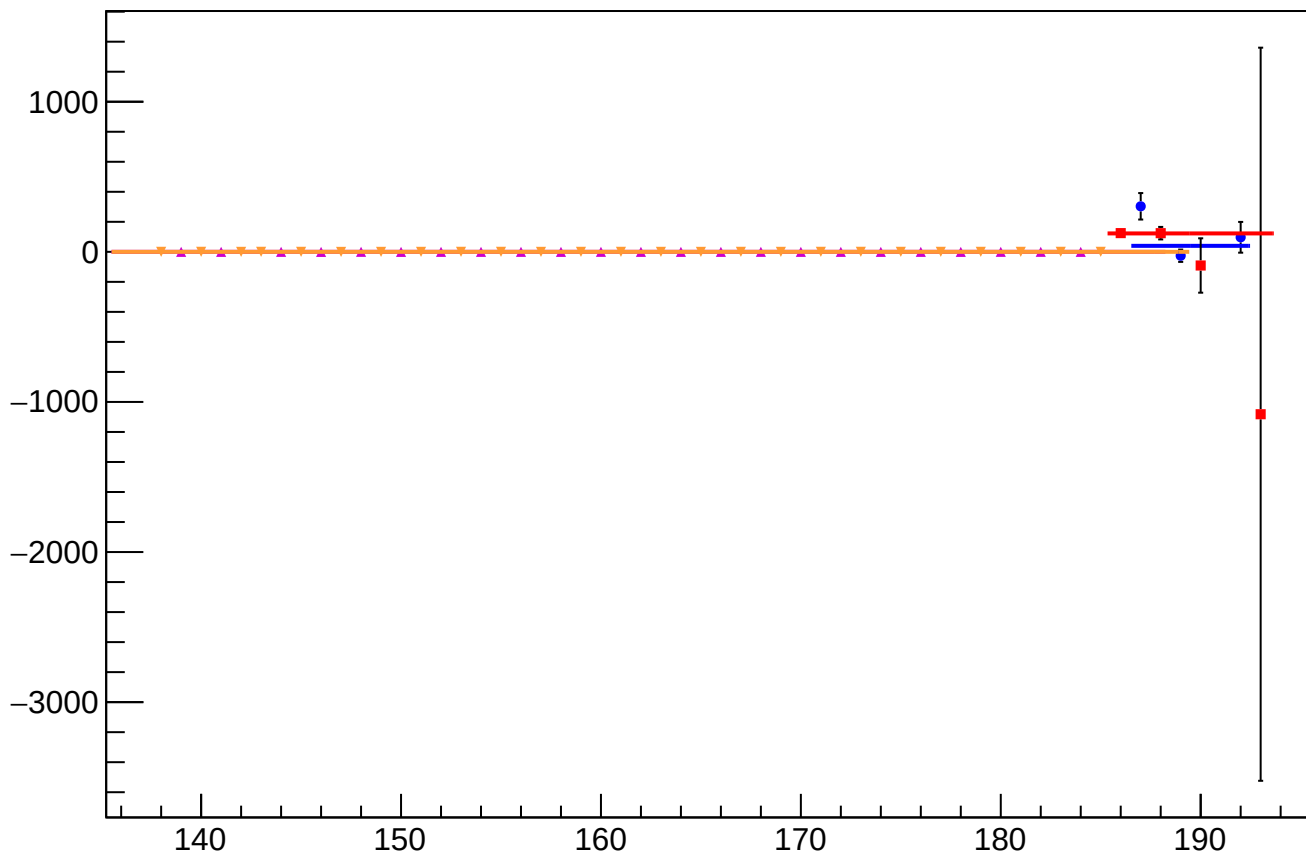
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 51.9/42

All: -0.009 ± 0.001 χ^2/NDF : 165.8/87

- sign -0.009 ± 0.001 χ^2/NDF : 113.8/44

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 39.972+/-34.935 χ^2/NDF : 11.8/2

Left Out: 0.013+/-0.027 χ^2/NDF : 29.2/24

Right Out: 122.679+/-17.073 χ^2/NDF : 1.6/3

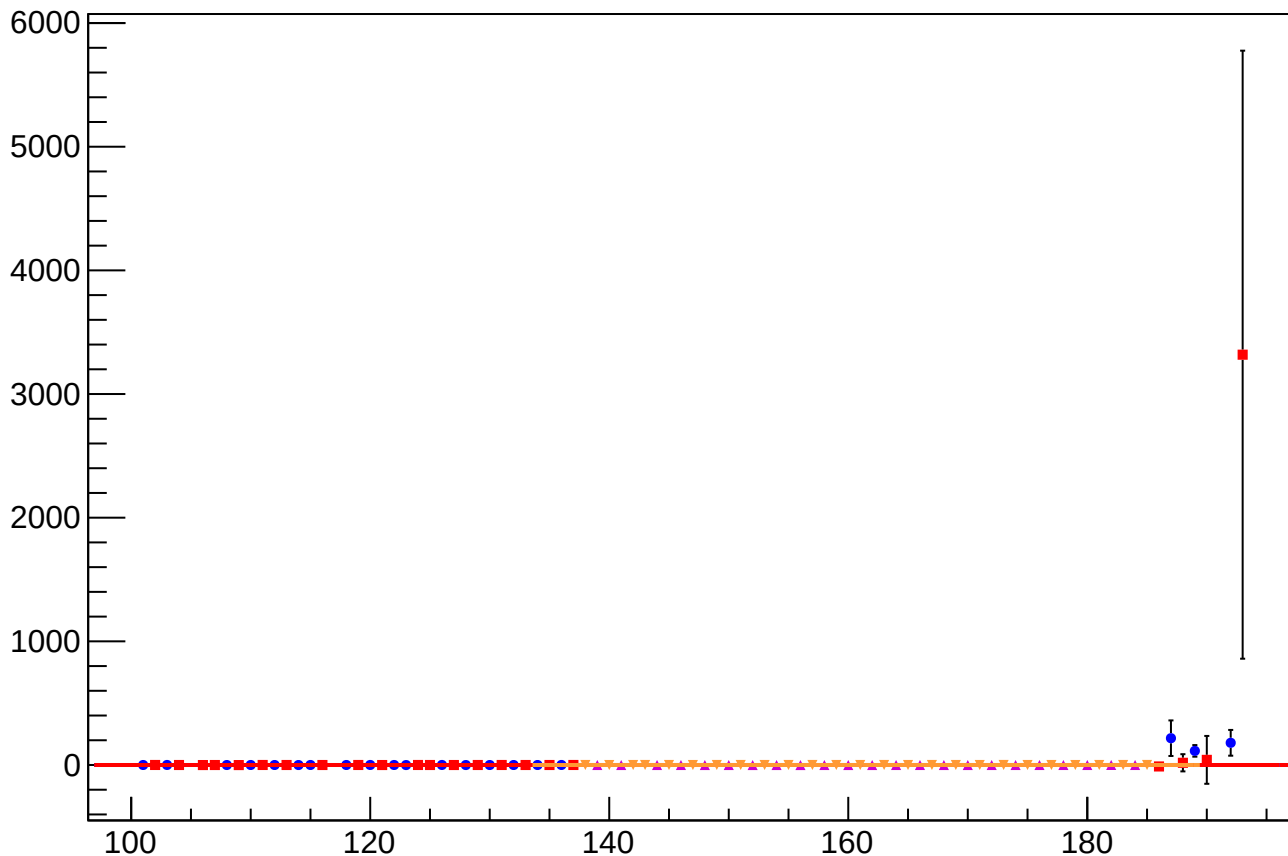
Left In: 0.004+/-0.028 χ^2/NDF : 28.2/22

+ sign 0.013+/-0.027 χ^2/NDF : 42.3/27

All: 0.009+/-0.019 χ^2/NDF : 123.8/54

- sign 0.005+/-0.028 χ^2/NDF : 81.5/26

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 34.5/19

Left Out: -0.058 ± 0.021 χ^2/NDF : 25.4/24

Right Out: -0.128 ± 0.039 χ^2/NDF : 19.6/21

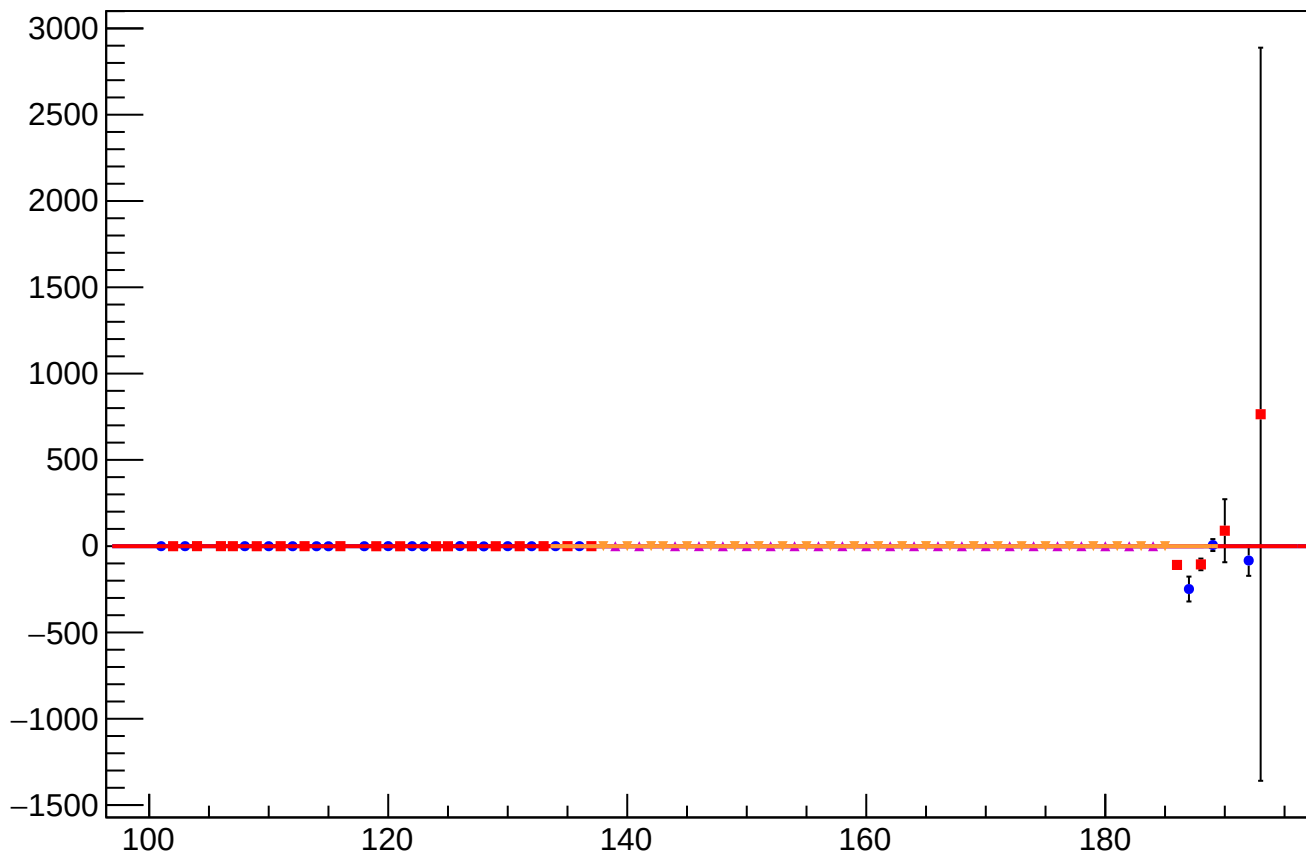
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 60.5/44

All: -0.066 ± 0.013 χ^2/NDF : 132.3/89

- sign -0.085 ± 0.019 χ^2/NDF : 69.9/44

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.130 ± 0.067 χ^2/NDF : 36.5/19

Left Out: -0.015 ± 0.027 χ^2/NDF : 27.0/24

Right Out: -0.176 ± 0.071 χ^2/NDF : 68.3/21

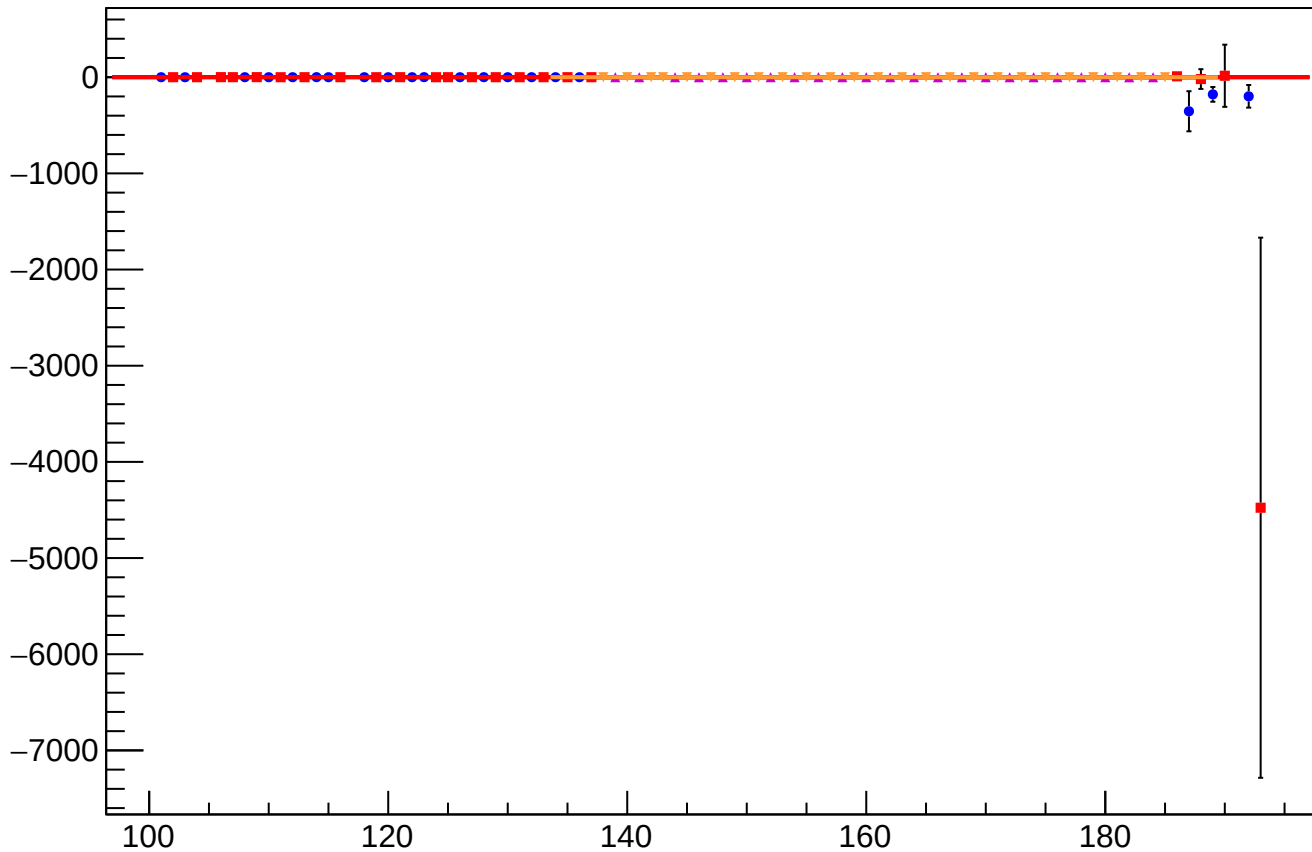
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 66.1/44

All: -0.042 ± 0.018 χ^2/NDF : 165.8/89

- sign -0.053 ± 0.026 χ^2/NDF : 99.4/44

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 33.6/19

Left Out: 0.062 ± 0.024 χ^2/NDF : 25.0/24

Right Out: 0.152 ± 0.045 χ^2/NDF : 18.4/21

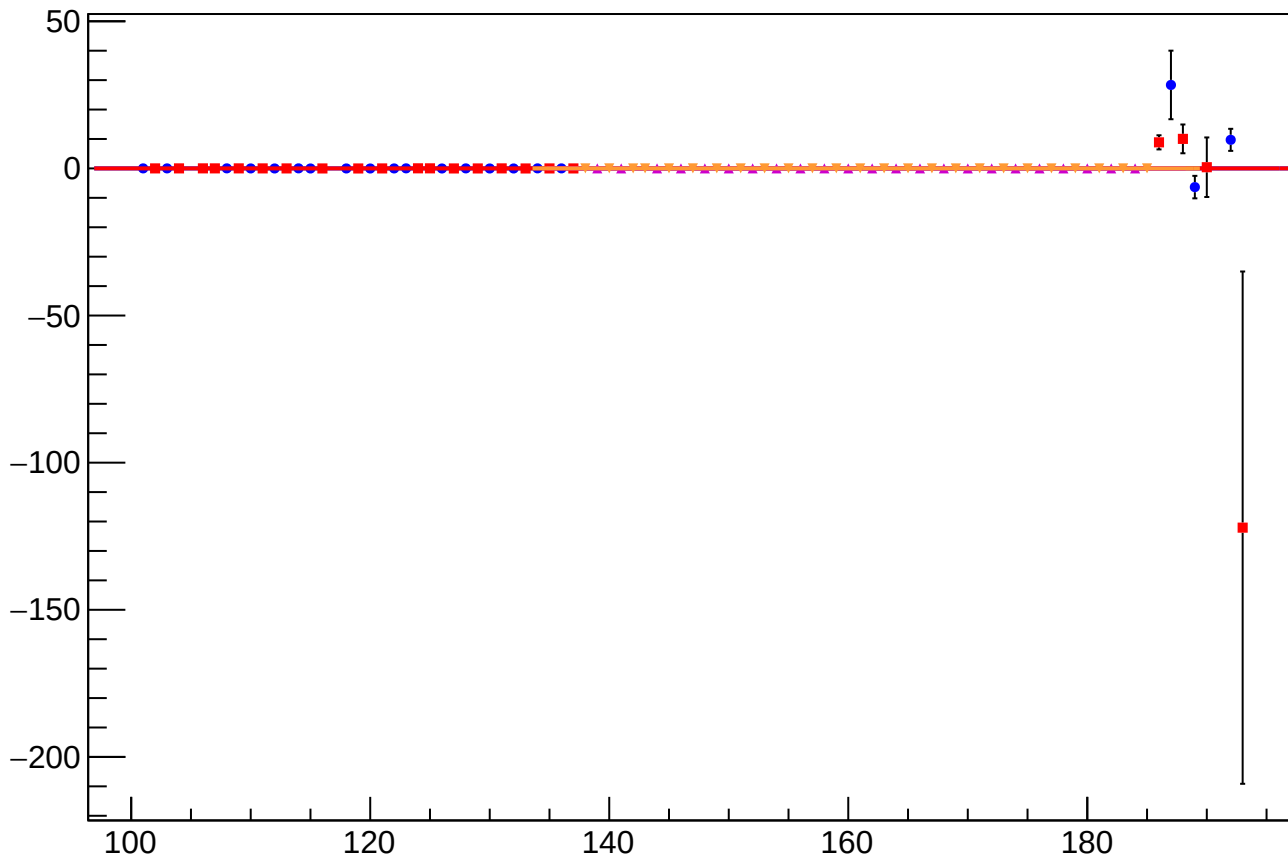
Left In: 0.069 ± 0.025 χ^2/NDF : 51.4/22

+ sign 0.052 ± 0.021 χ^2/NDF : 59.4/44

All: 0.069 ± 0.015 χ^2/NDF : 133.3/89

- sign 0.088 ± 0.022 χ^2/NDF : 72.4/44

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 47.8/19

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 25.9/24

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 40.4/21

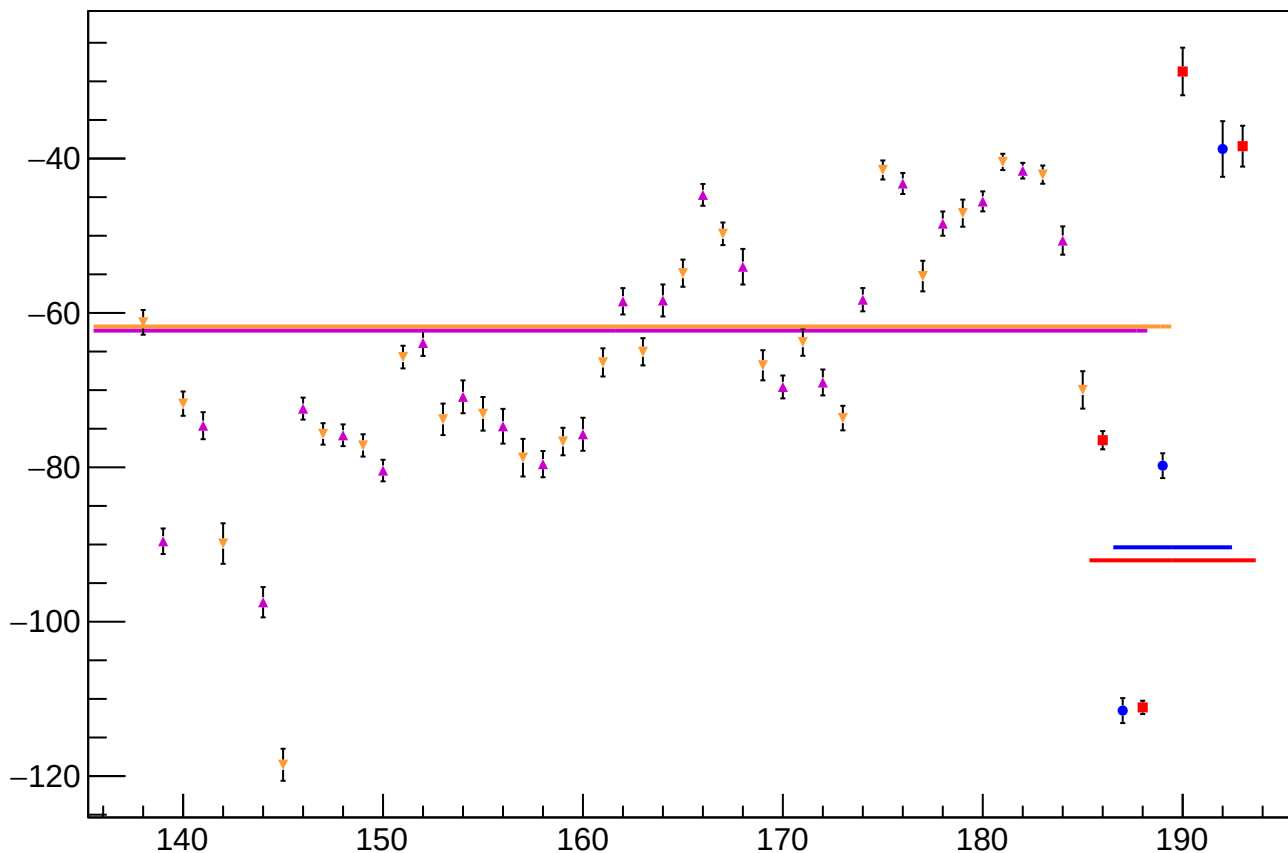
Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 15.8/22

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 81.9/44

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 145.3/89

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 63.0/44

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -90.362 ± 1.086 $\chi^2/\text{NDF}: 419.6/2$

Left Out: -61.756 ± 0.334 $\chi^2/\text{NDF}: 2509.2/23$

Right Out: -92.048 ± 0.658 $\chi^2/\text{NDF}: 1493.3/3$

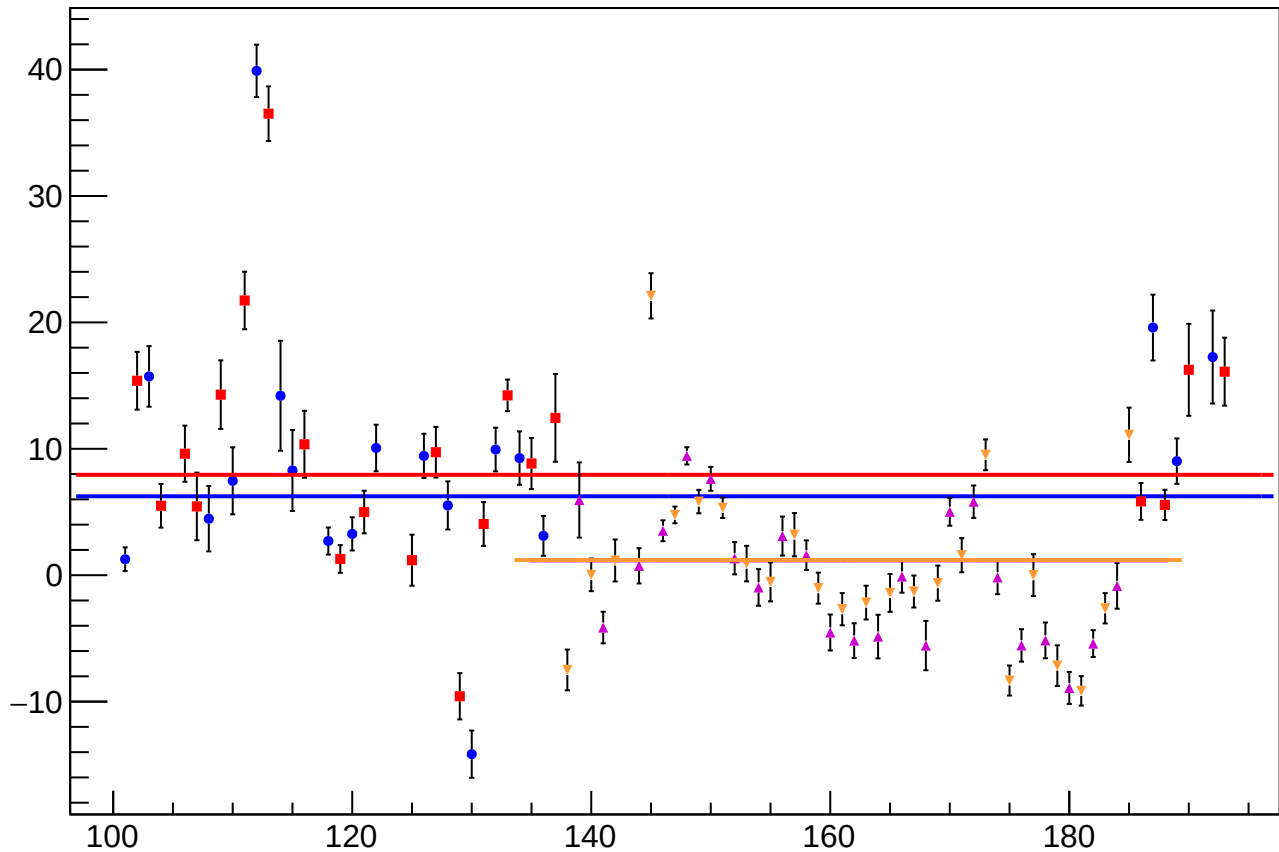
Left In: -62.290 ± 0.331 $\chi^2/\text{NDF}: 2265.0/22$

+ sign -64.225 ± 0.319 $\chi^2/\text{NDF}: 3562.6/26$

All: -66.416 ± 0.217 $\chi^2/\text{NDF}: 9039.3/53$

- sign -68.300 ± 0.296 $\chi^2/\text{NDF}: 5389.0/26$

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.243 ± 0.405 $\chi^2/\text{NDF}: 502.8/18$

Left Out: 1.197 ± 0.252 $\chi^2/\text{NDF}: 526.1/23$

Right Out: 7.940 ± 0.401 $\chi^2/\text{NDF}: 428.2/20$

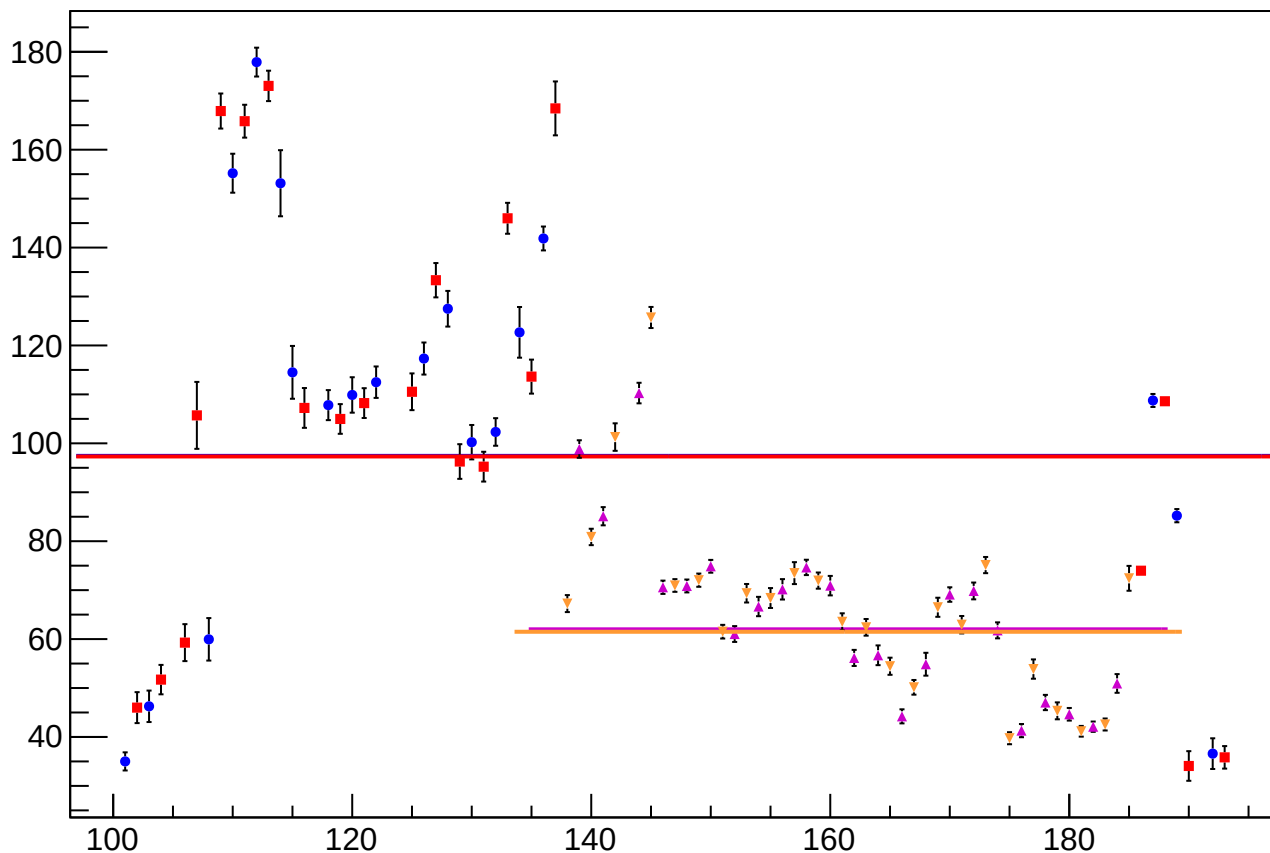
Left In: 1.171 ± 0.255 $\chi^2/\text{NDF}: 466.2/22$

+ sign 2.611 ± 0.214 $\chi^2/\text{NDF}: 1140.8/42$

All: 2.863 ± 0.152 $\chi^2/\text{NDF}: 2241.0/86$

- sign 3.117 ± 0.215 $\chi^2/\text{NDF}: 1097.4/43$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 97.437 $\pm$ 0.603 χ^2 /NDF: 3536.5/18

Left Out: 61.496 $\pm$ 0.332 χ^2 /NDF: 2610.2/23

Right Out: 97.315 $\pm$ 0.451 χ^2 /NDF: 4594.0/20

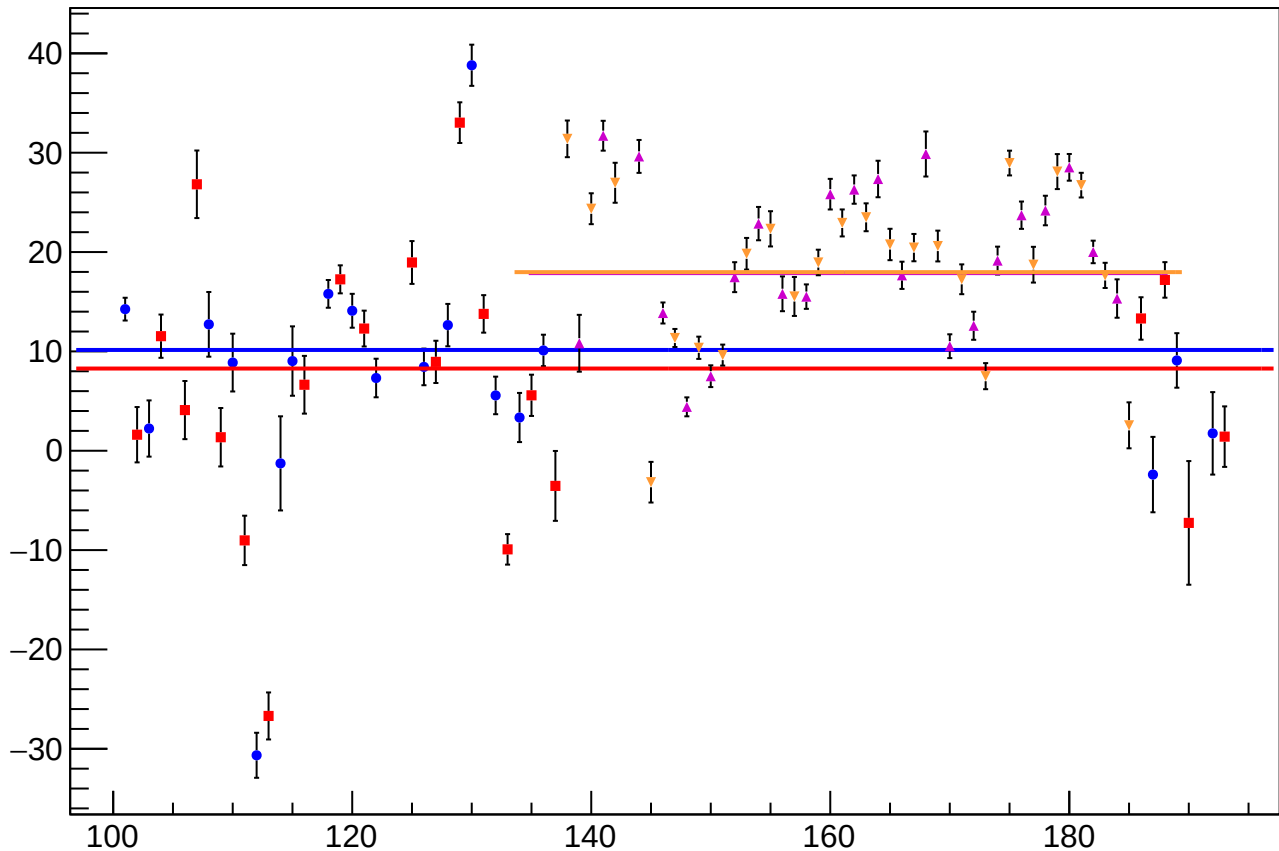
Left In: 61.995 $\pm$ 0.329 χ^2 /NDF: 2517.6/22

+ sign 69.865 $\pm$ 0.291 χ^2 /NDF: 8871.1/42

All: 72.251 $\pm$ 0.196 χ^2 /NDF: 20104.1/86

- sign 74.243 $\pm$ 0.266 χ^2 /NDF: 11109.6/43

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.145 ± 0.477 χ^2/NDF : 597.2/18

Left Out: 17.979 ± 0.291 χ^2/NDF : 674.8/23

Right Out: 8.275 ± 0.483 χ^2/NDF : 732.4/20

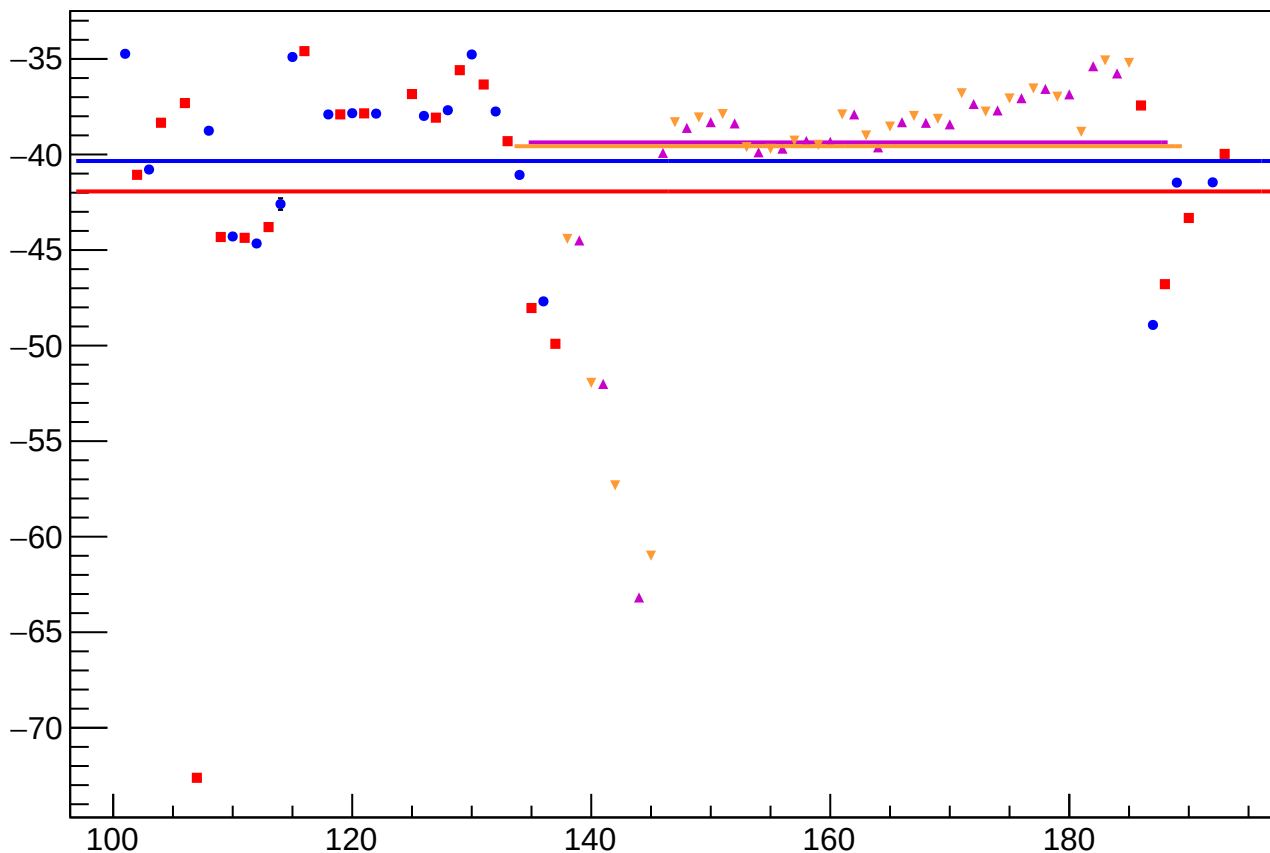
Left In: 17.881 ± 0.292 χ^2/NDF : 730.9/22

+ sign 15.858 ± 0.248 χ^2/NDF : 1468.5/42

All: 15.588 ± 0.176 χ^2/NDF : 3224.0/86

- sign 15.315 ± 0.250 χ^2/NDF : 1753.1/43

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.341 ± 0.027 χ^2/NDF : 26967.3/18

Left Out: -39.567 ± 0.014 χ^2/NDF : 141152.0/23

Right Out: -41.933 ± 0.026 χ^2/NDF : 64342.8/20

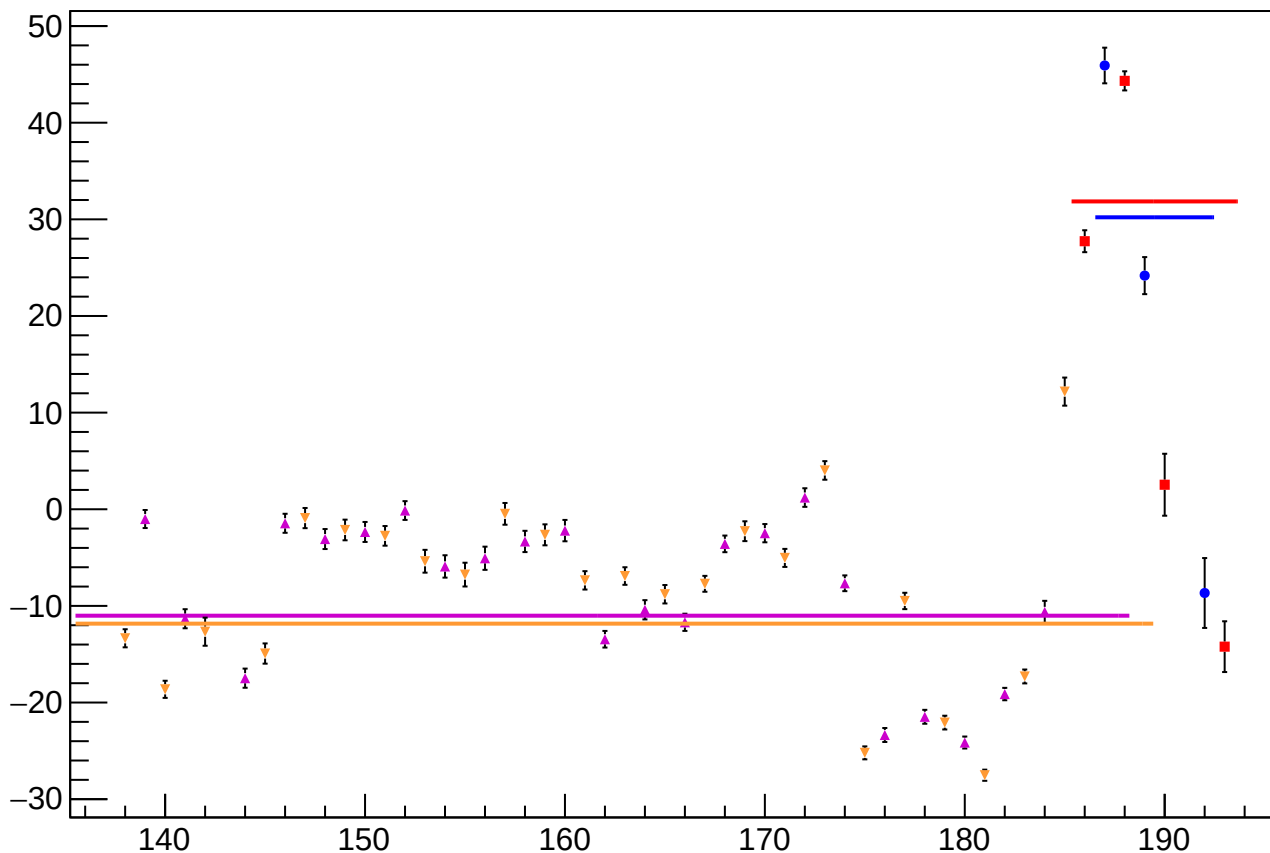
Left In: -39.368 ± 0.014 χ^2/NDF : 117958.1/22

+ sign -39.729 ± 0.012 χ^2/NDF : 168785.7/42

All: -39.827 ± 0.009 χ^2/NDF : 358952.0/86

- sign -39.921 ± 0.012 χ^2/NDF : 190040.3/43

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 30.210 ± 1.248 $\chi^2/\text{NDF}: 198.0/2$

Left Out: -11.837 ± 0.187 $\chi^2/\text{NDF}: 2742.4/23$

Right Out: 31.853 ± 0.700 $\chi^2/\text{NDF}: 563.3/3$

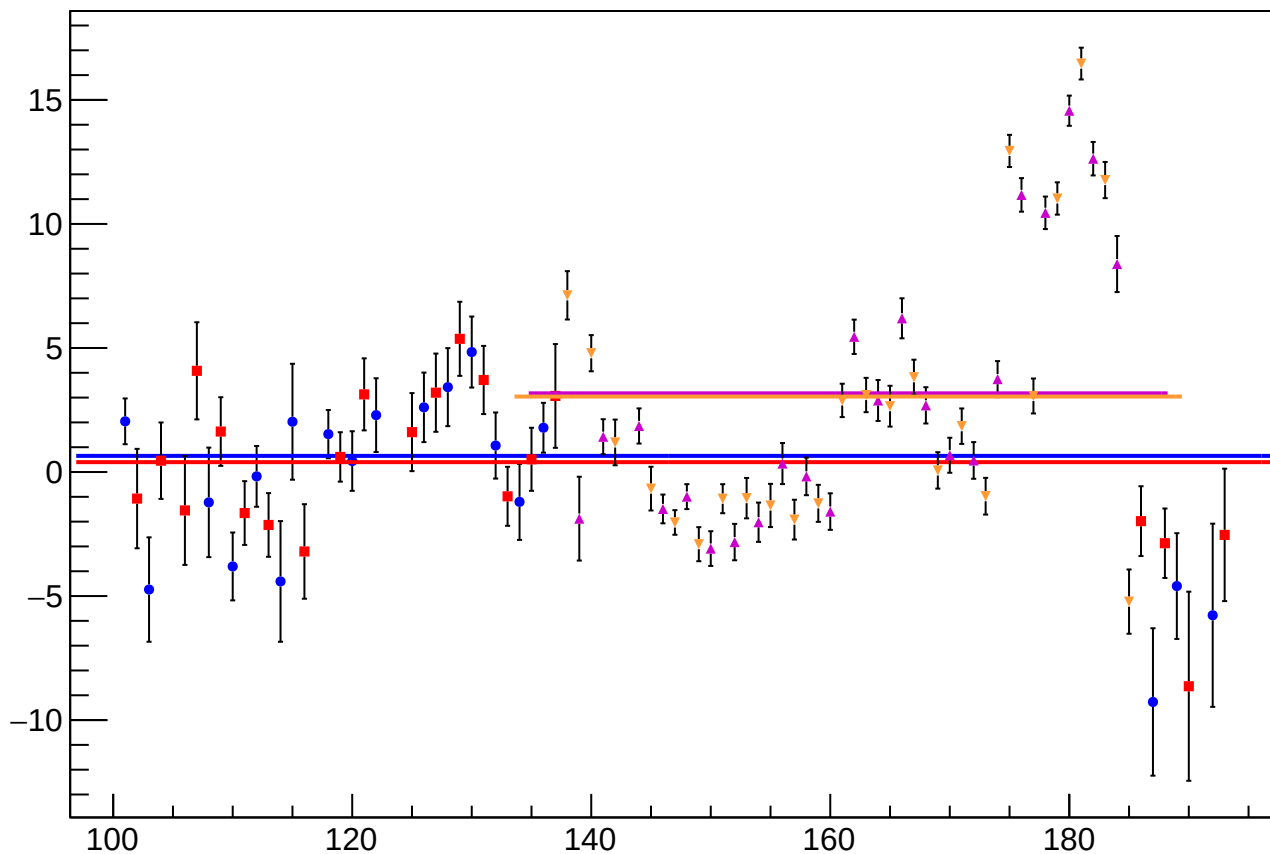
Left In: -11.014 ± 0.187 $\chi^2/\text{NDF}: 2116.6/22$

+ sign -10.915 ± 0.185 $\chi^2/\text{NDF}: 4051.1/26$

All: -9.506 ± 0.129 $\chi^2/\text{NDF}: 10342.2/53$

- sign -8.156 ± 0.181 $\chi^2/\text{NDF}: 6177.1/26$

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.651 ± 0.331 χ^2/NDF : 64.0/18

Left Out: 3.042 ± 0.148 χ^2/NDF : 1452.6/23

Right Out: 0.398 ± 0.330 χ^2/NDF : 58.0/20

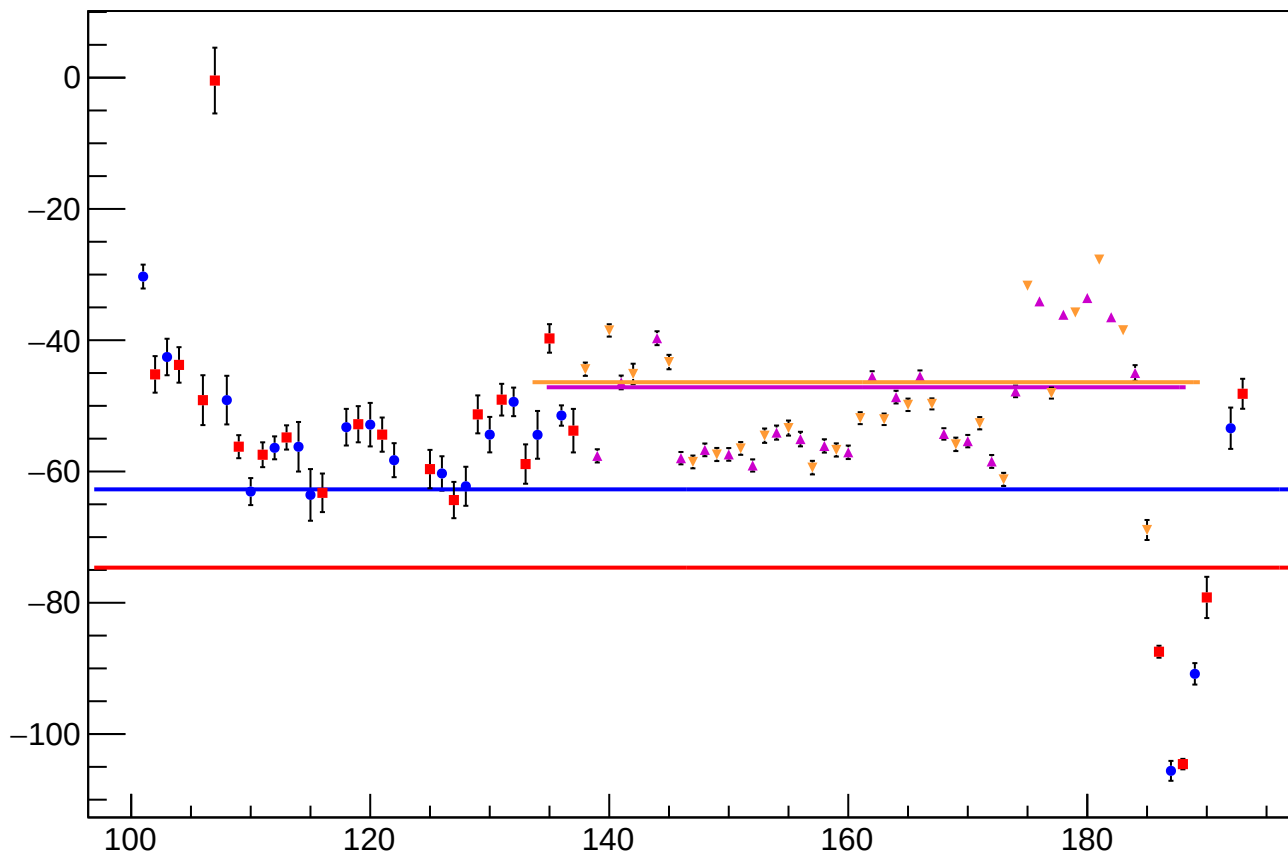
Left In: 3.172 ± 0.150 χ^2/NDF : 1297.9/22

+ sign 2.644 ± 0.135 χ^2/NDF : 1560.2/42

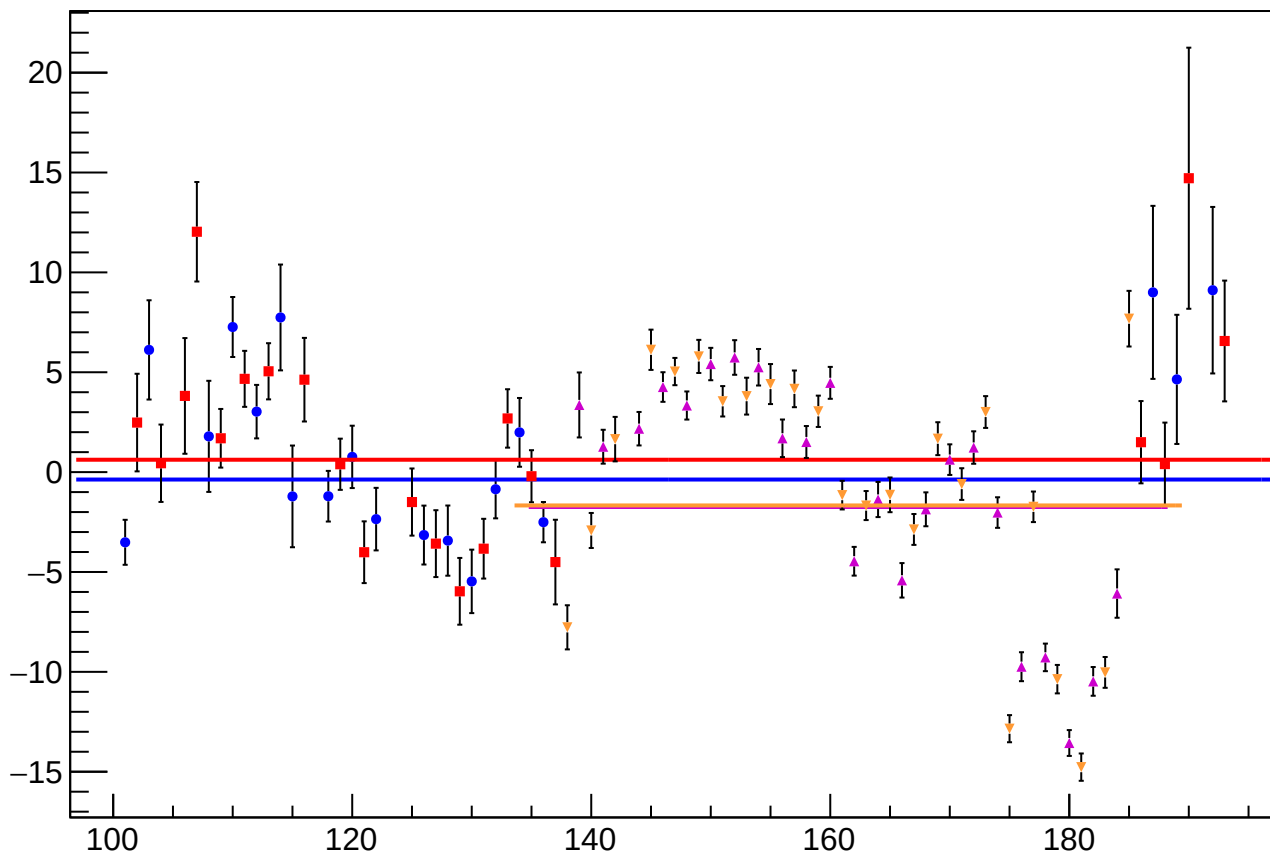
All: 2.671 ± 0.096 χ^2/NDF : 2974.9/86

- sign 2.699 ± 0.136 χ^2/NDF : 1414.6/43

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.371 ± 0.378 χ^2/NDF : 95.2/18

Left Out: -1.668 ± 0.167 χ^2/NDF : 1479.3/23

Right Out: 0.620 ± 0.382 χ^2/NDF : 103.5/20

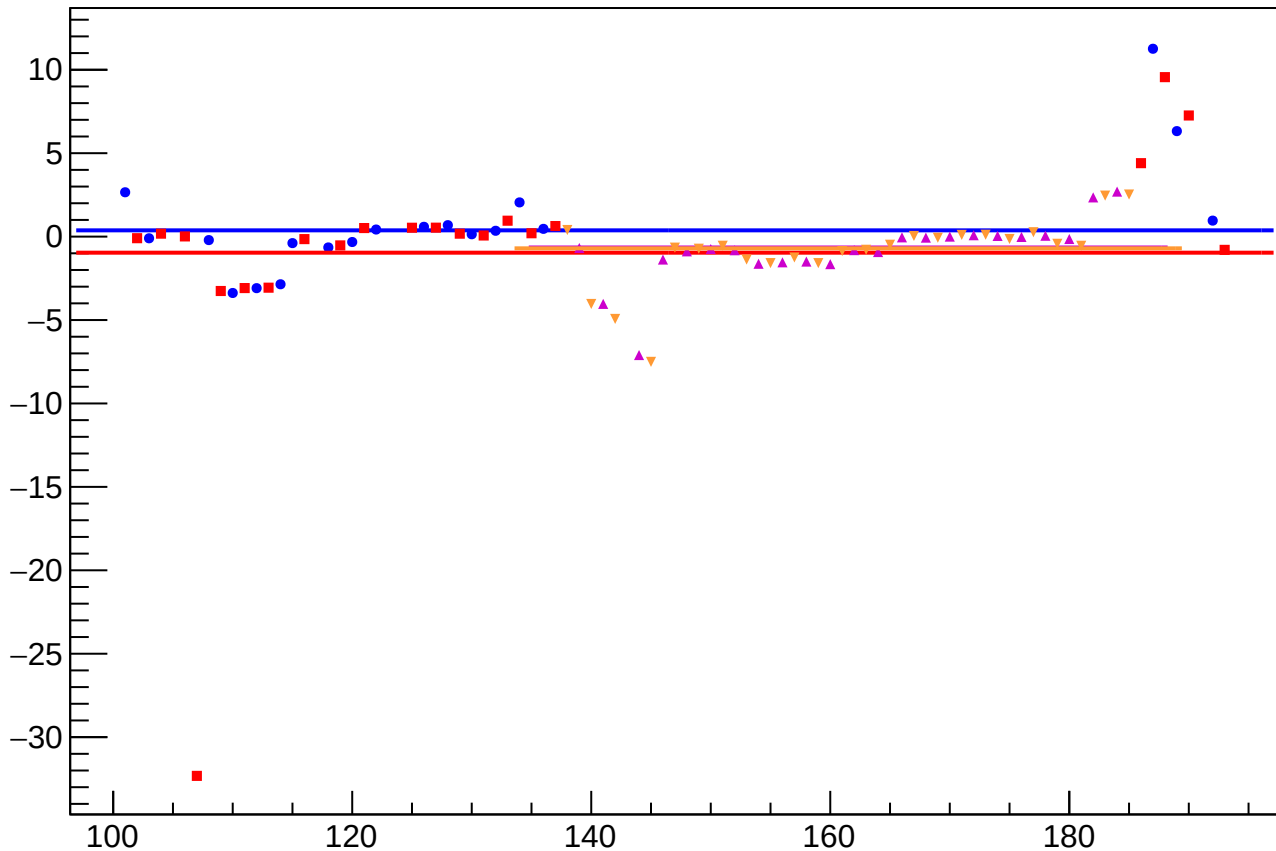
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.457 ± 0.153 χ^2/NDF : 1584.4/42

All: -1.409 ± 0.108 χ^2/NDF : 2974.2/86

- sign -1.361 ± 0.154 χ^2/NDF : 1389.7/43

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.376 ± 0.021 χ^2/NDF : 9293.9/18

Left Out: -0.703 ± 0.008 χ^2/NDF : 53770.3/23

Right Out: -0.963 ± 0.021 χ^2/NDF : 92069.3/20

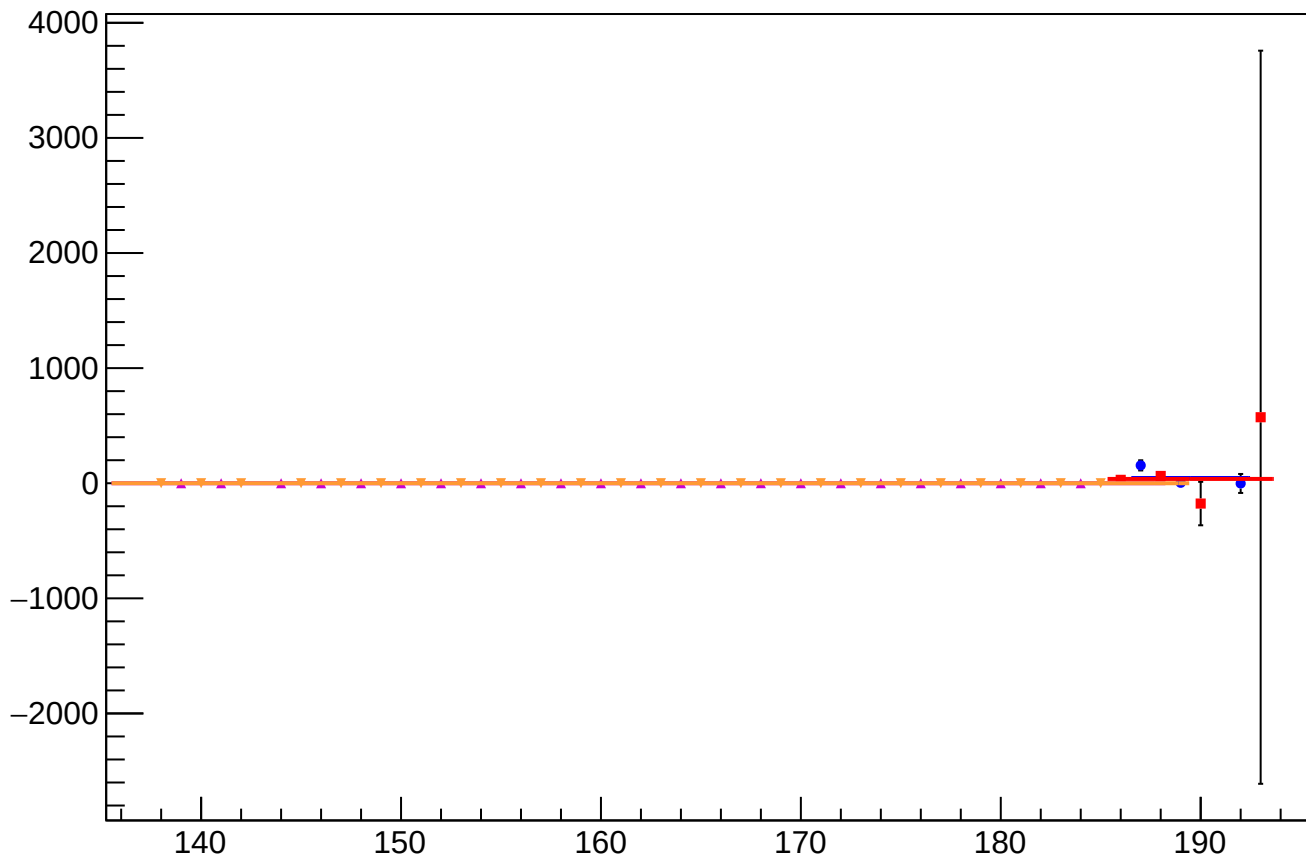
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ sign -0.575 ± 0.007 χ^2/NDF : 65416.2/42

All: -0.632 ± 0.005 χ^2/NDF : 201981.1/86

- sign -0.689 ± 0.007 χ^2/NDF : 136438.3/43

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 45.416 $\pm$ 23.293 χ^2 /NDF: 8.6/2

Left Out: -0.038 $\pm$ 0.018 χ^2 /NDF: 35.6/23

Right Out: 37.402 $\pm$ 10.447 χ^2 /NDF: 3.3/3

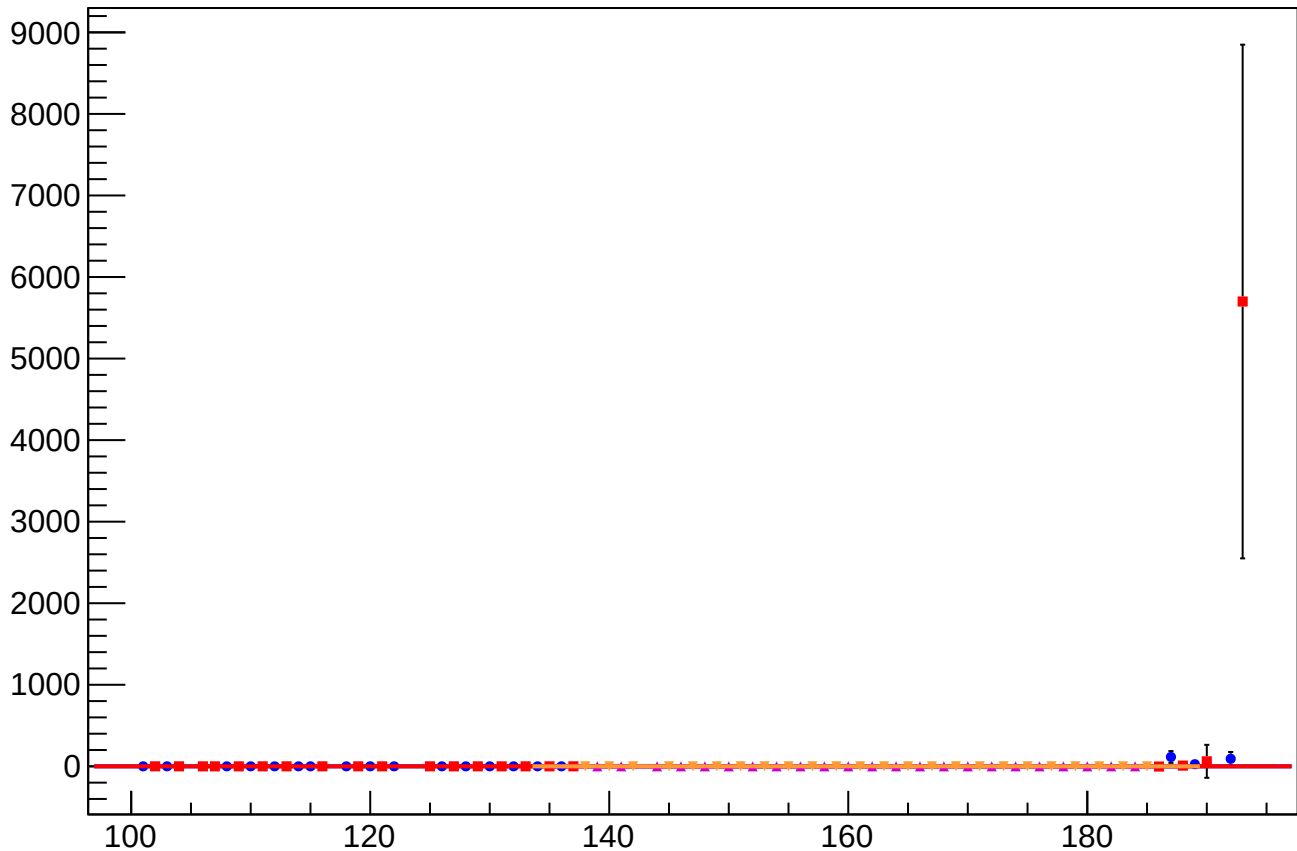
Left In: -0.009 $\pm$ 0.018 χ^2 /NDF: 35.3/22

+ sign -0.038 $\pm$ 0.018 χ^2 /NDF: 48.0/26

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 100.6/53

- sign -0.009 $\pm$ 0.018 χ^2 /NDF: 51.4/26

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 16.6/18

Left Out: -0.073 ± 0.014 χ^2/NDF : 27.8/23

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/20

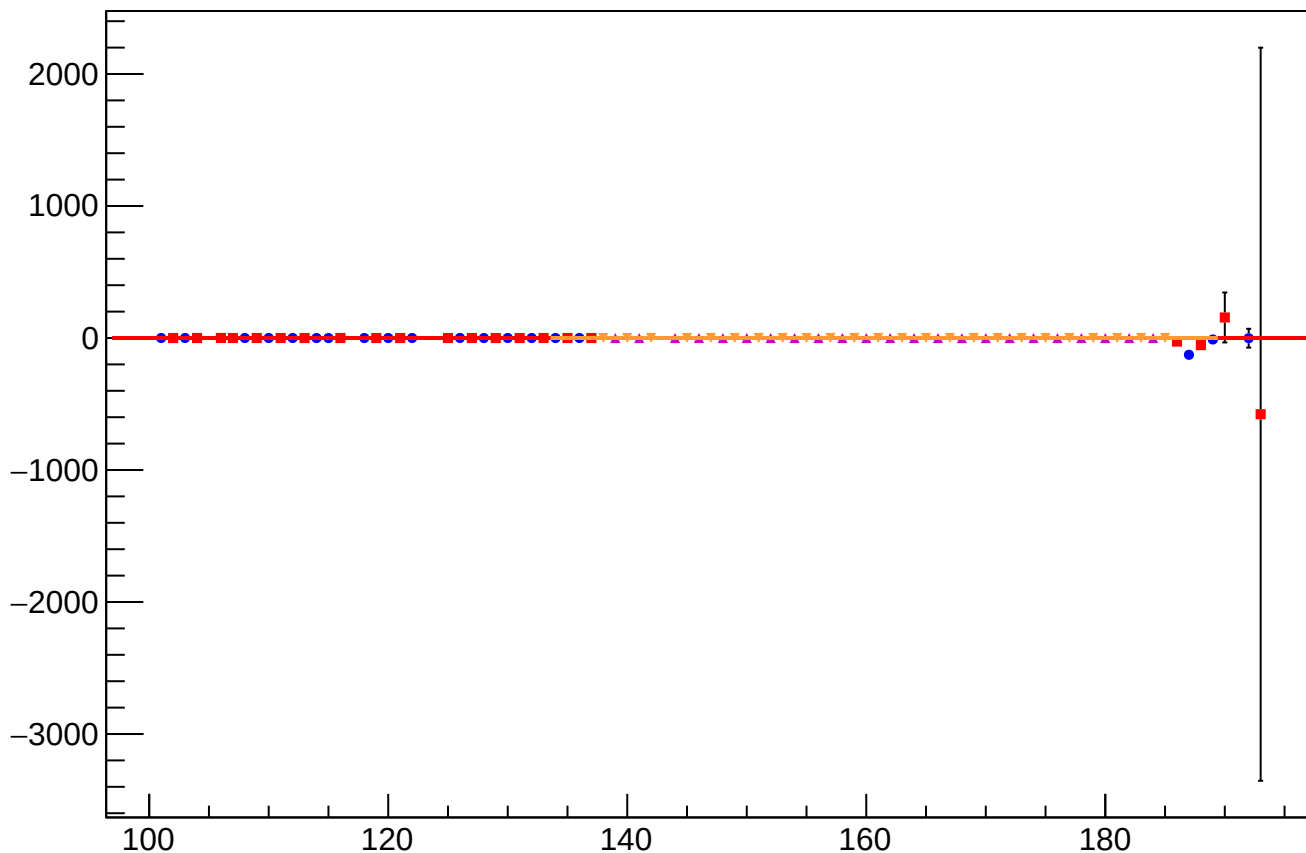
Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

+ sign -0.057 ± 0.012 χ^2/NDF : 49.3/42

All: -0.064 ± 0.009 χ^2/NDF : 104.0/86

- sign -0.072 ± 0.012 χ^2/NDF : 53.9/43

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 22.2/18

Left Out: 0.036 ± 0.018 χ^2/NDF : 32.4/23

Right Out: 0.029 ± 0.045 χ^2/NDF : 26.7/20

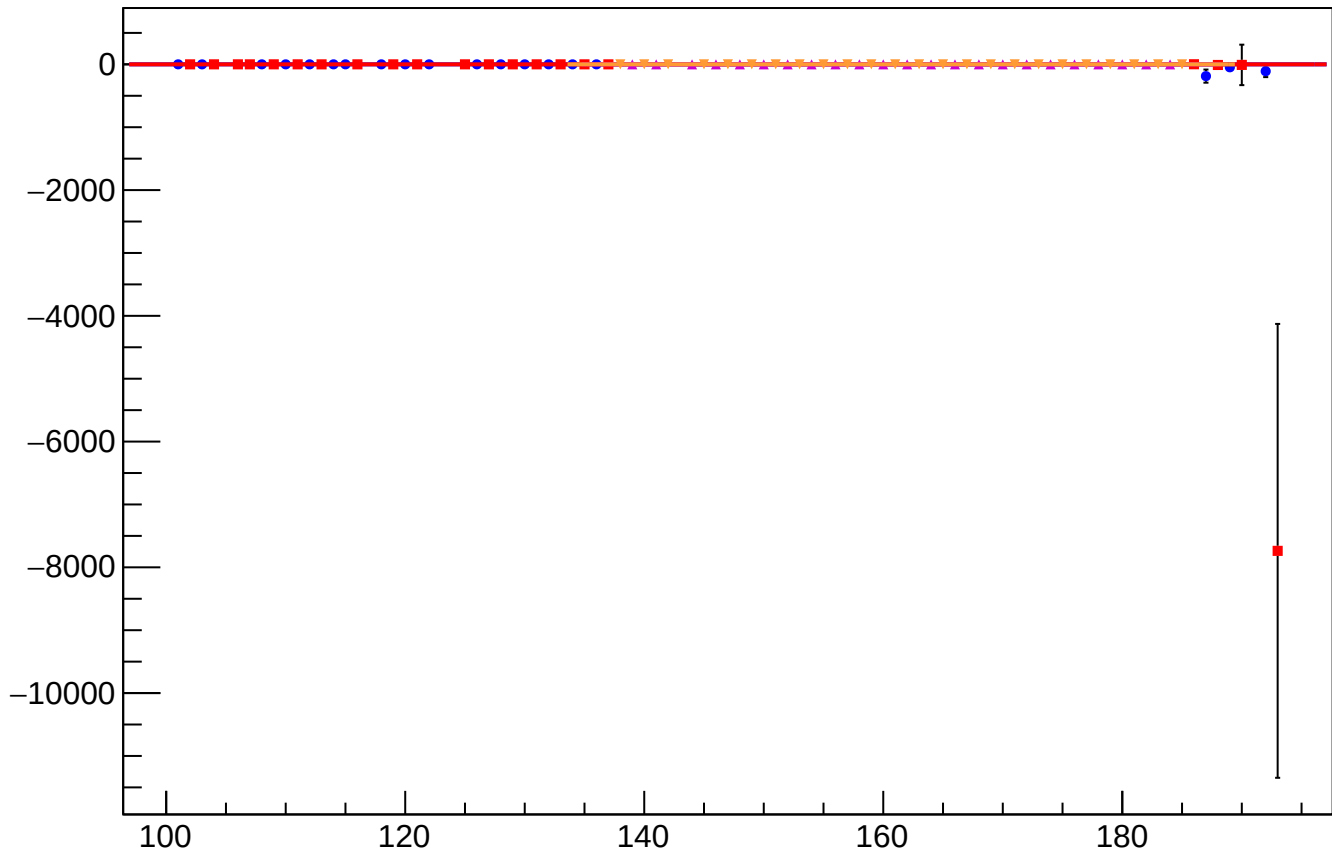
Left In: -0.010 ± 0.018 χ^2/NDF : 37.1/22

+ sign 0.033 ± 0.017 χ^2/NDF : 54.8/42

All: 0.014 ± 0.012 χ^2/NDF : 121.8/86

- sign -0.005 ± 0.017 χ^2/NDF : 64.4/43

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 17.4/18

Left Out: 0.086 ± 0.016 χ^2/NDF : 27.8/23

Right Out: 0.110 ± 0.029 χ^2/NDF : 12.6/20

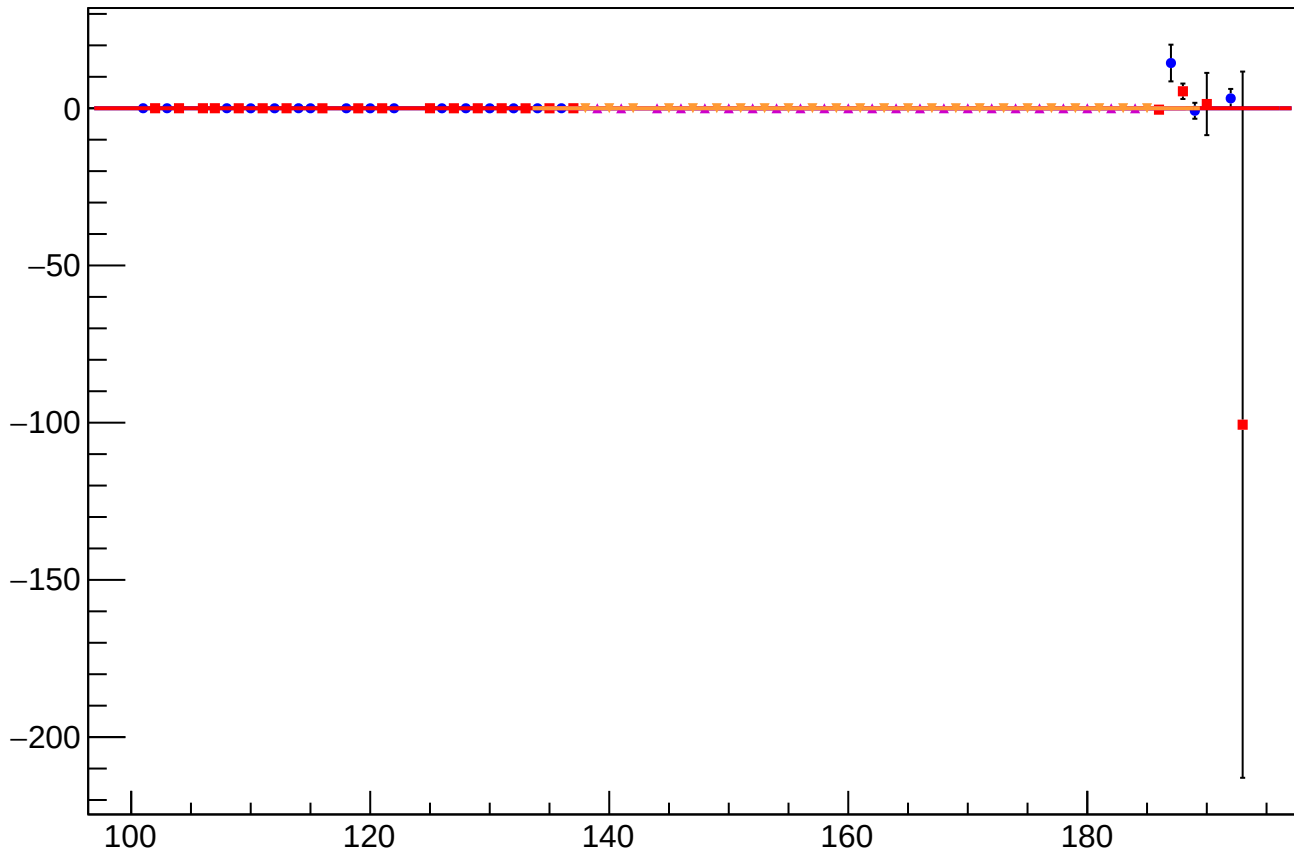
Left In: 0.071 ± 0.016 χ^2/NDF : 44.0/22

+ sign 0.065 ± 0.014 χ^2/NDF : 51.6/42

All: 0.073 ± 0.010 χ^2/NDF : 110.1/86

- sign 0.081 ± 0.014 χ^2/NDF : 57.9/43

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF : 29.9/18

Left Out: 0.000+/-0.001 χ^2/NDF : 23.9/23

Right Out: -0.004+/-0.001 χ^2/NDF : 29.4/20

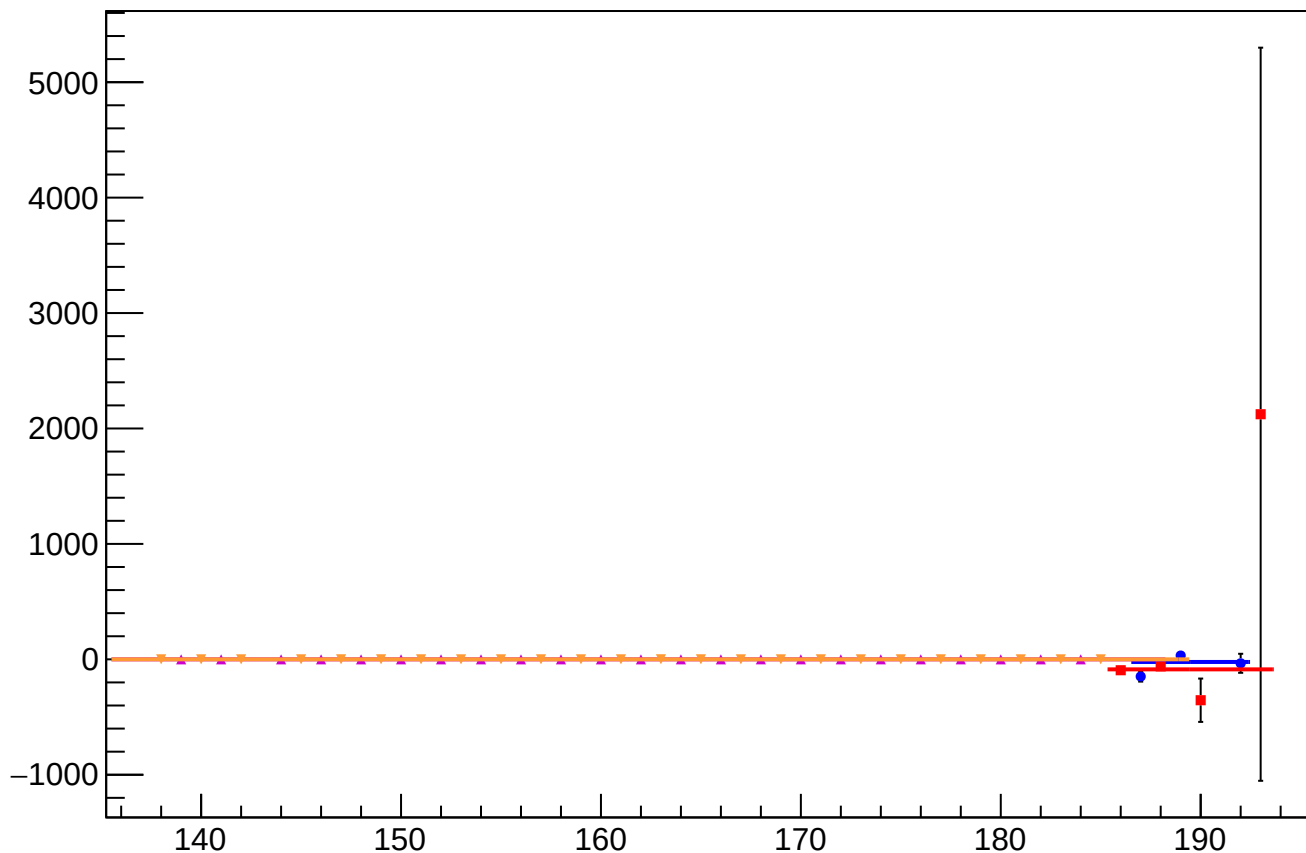
Left In: 0.000+/-0.001 χ^2/NDF : 22.4/22

+ sign -0.001+/-0.001 χ^2/NDF : 66.8/42

All: -0.001+/-0.000 χ^2/NDF : 125.8/86

- sign -0.001+/-0.001 χ^2/NDF : 59.0/43

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -22.757 ± 23.268 $\chi^2/\text{NDF}: 11.8/2$

Left Out: -0.052 ± 0.018 $\chi^2/\text{NDF}: 37.3/23$

Right Out: -86.911 ± 10.450 $\chi^2/\text{NDF}: 4.4/3$

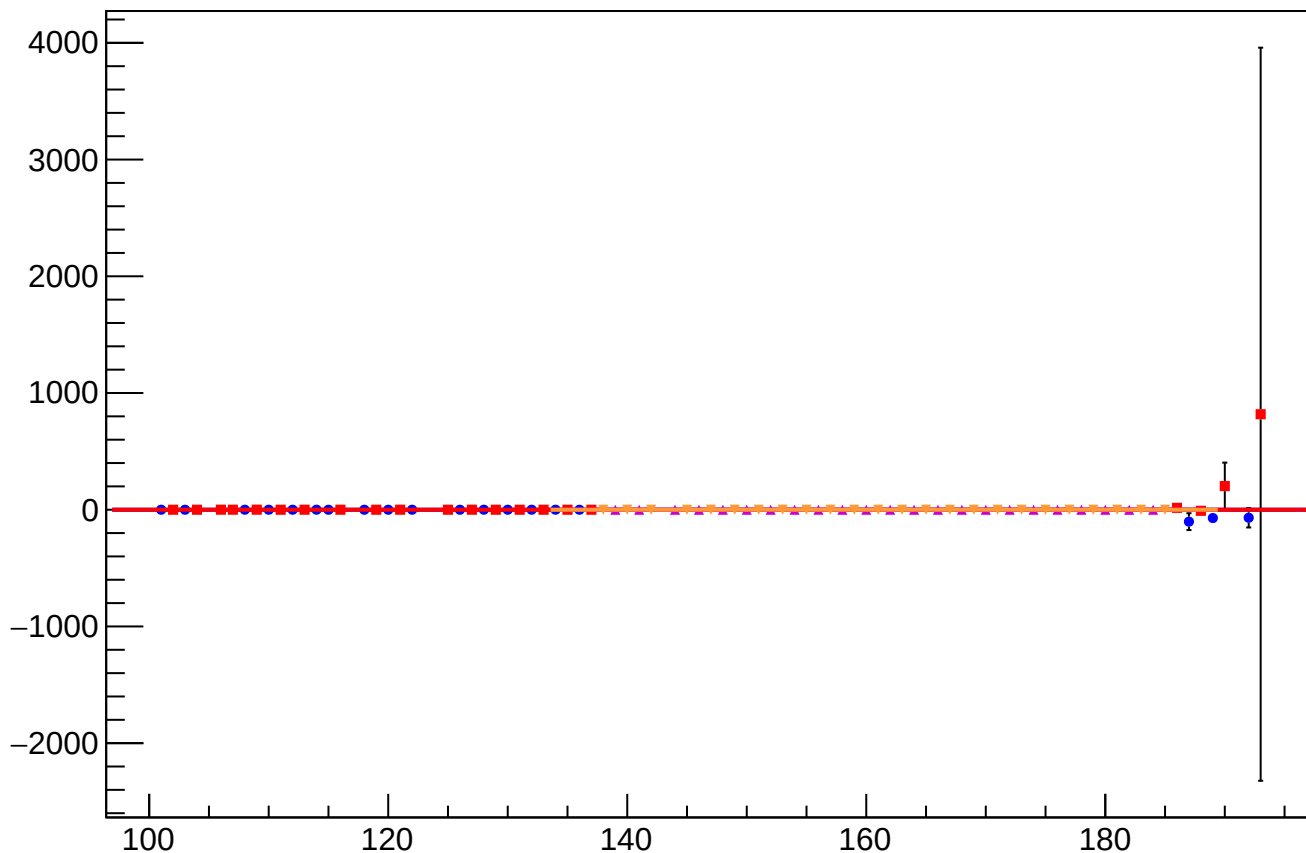
Left In: -0.010 ± 0.018 $\chi^2/\text{NDF}: 33.3/22$

+ sign -0.052 ± 0.018 $\chi^2/\text{NDF}: 50.1/26$

All: -0.031 ± 0.013 $\chi^2/\text{NDF}: 159.6/53$

- sign -0.010 ± 0.018 $\chi^2/\text{NDF}: 106.9/26$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 32.7/18

Left Out: -0.010 $\pm$ 0.014 χ^2 /NDF: 29.5/23

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 29.4/20

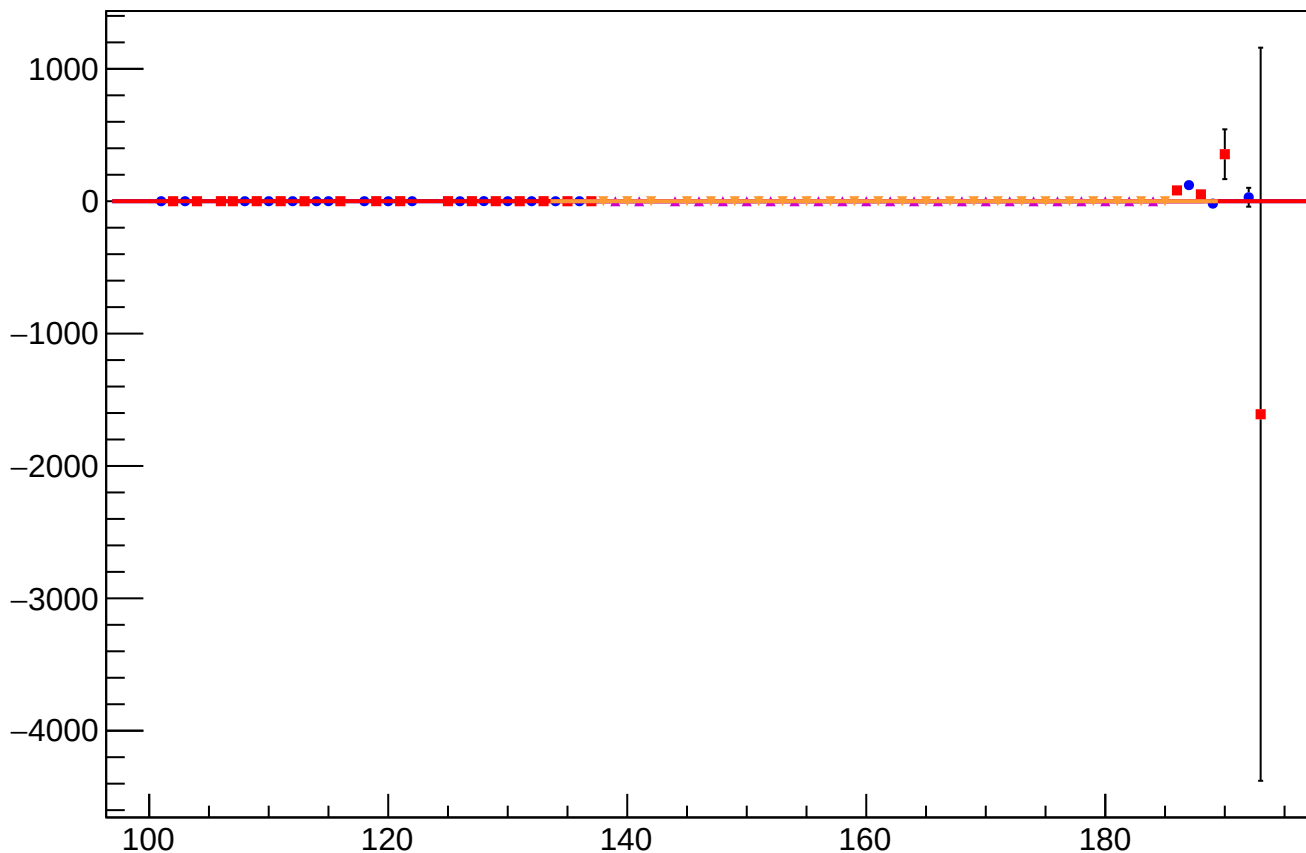
Left In: 0.004 $\pm$ 0.014 χ^2 /NDF: 50.3/22

+ sign -0.005 $\pm$ 0.012 χ^2 /NDF: 62.8/42

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 145.2/86

- sign 0.013 $\pm$ 0.012 χ^2 /NDF: 81.3/43

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 40.7/18

Left Out: 0.048 ± 0.018 χ^2/NDF : 35.4/23

Right Out: 0.204 ± 0.045 χ^2/NDF : 95.3/20

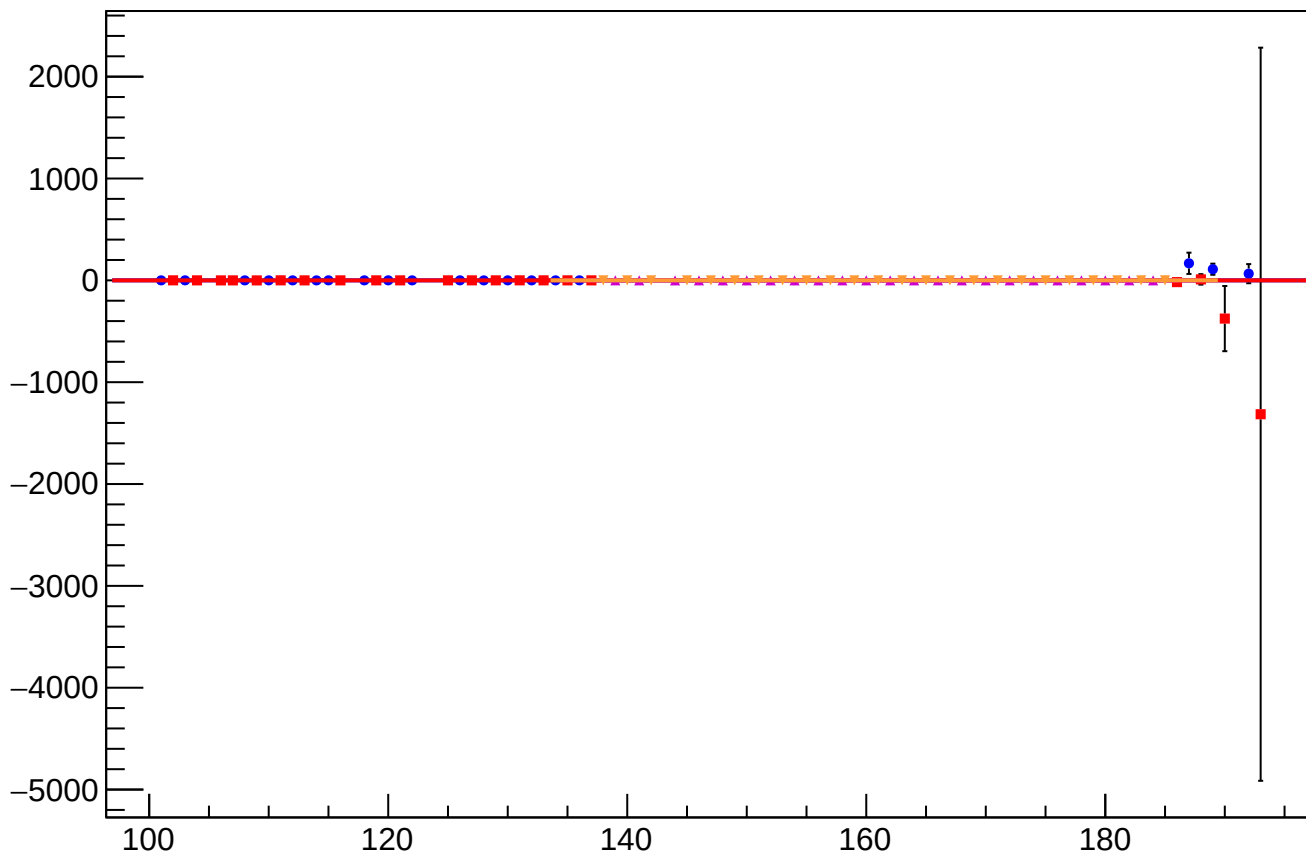
Left In: 0.021 ± 0.018 χ^2/NDF : 34.0/22

+ sign 0.063 ± 0.017 χ^2/NDF : 81.2/42

All: 0.055 ± 0.012 χ^2/NDF : 225.1/86

- sign 0.046 ± 0.017 χ^2/NDF : 143.5/43

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 32.3/18

Left Out: 0.021 ± 0.016 χ^2/NDF : 33.2/23

Right Out: -0.050 ± 0.029 χ^2/NDF : 27.2/20

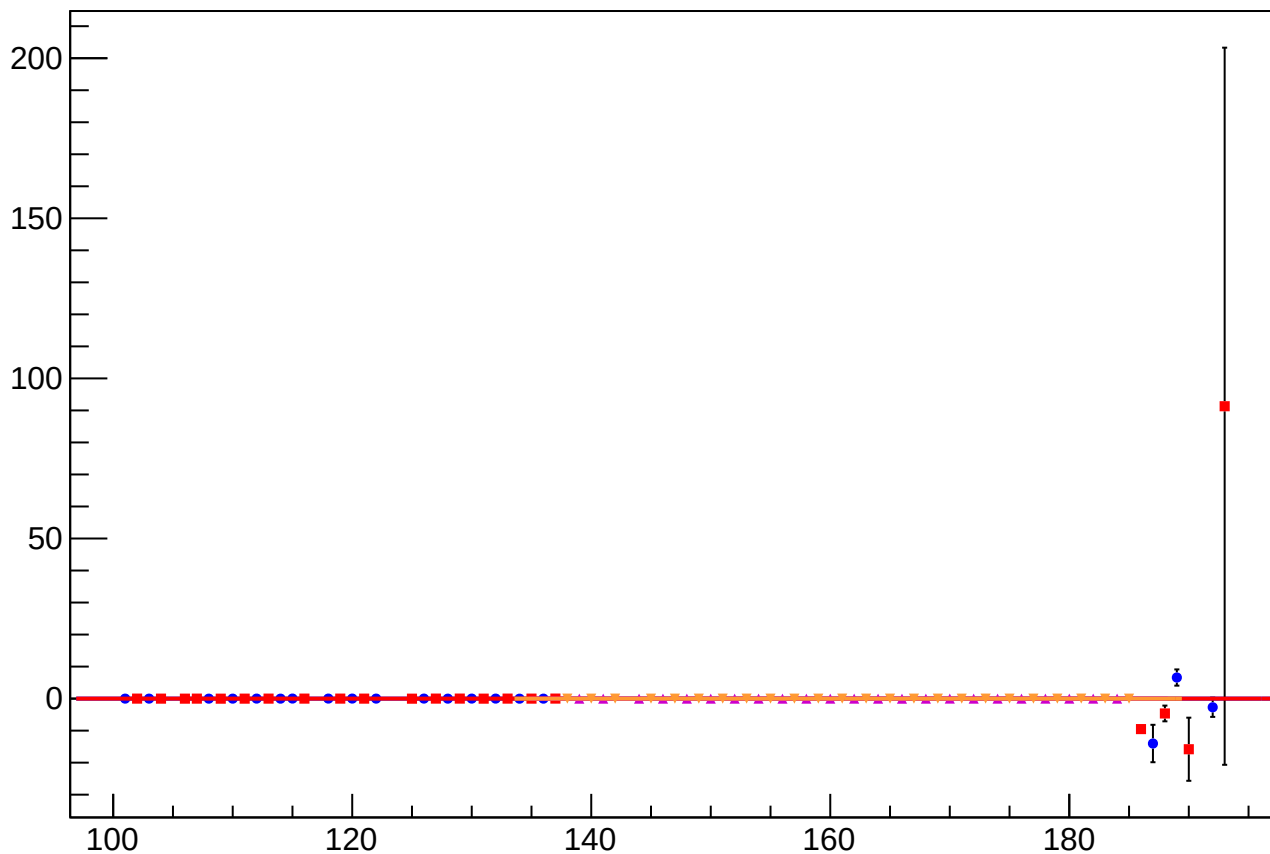
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 66.6/42

All: 0.003 ± 0.010 χ^2/NDF : 148.4/86

- sign -0.007 ± 0.014 χ^2/NDF : 80.9/43

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 42.3/18

Left Out: -0.008 ± 0.001 χ^2/NDF : 31.9/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 64.6/20

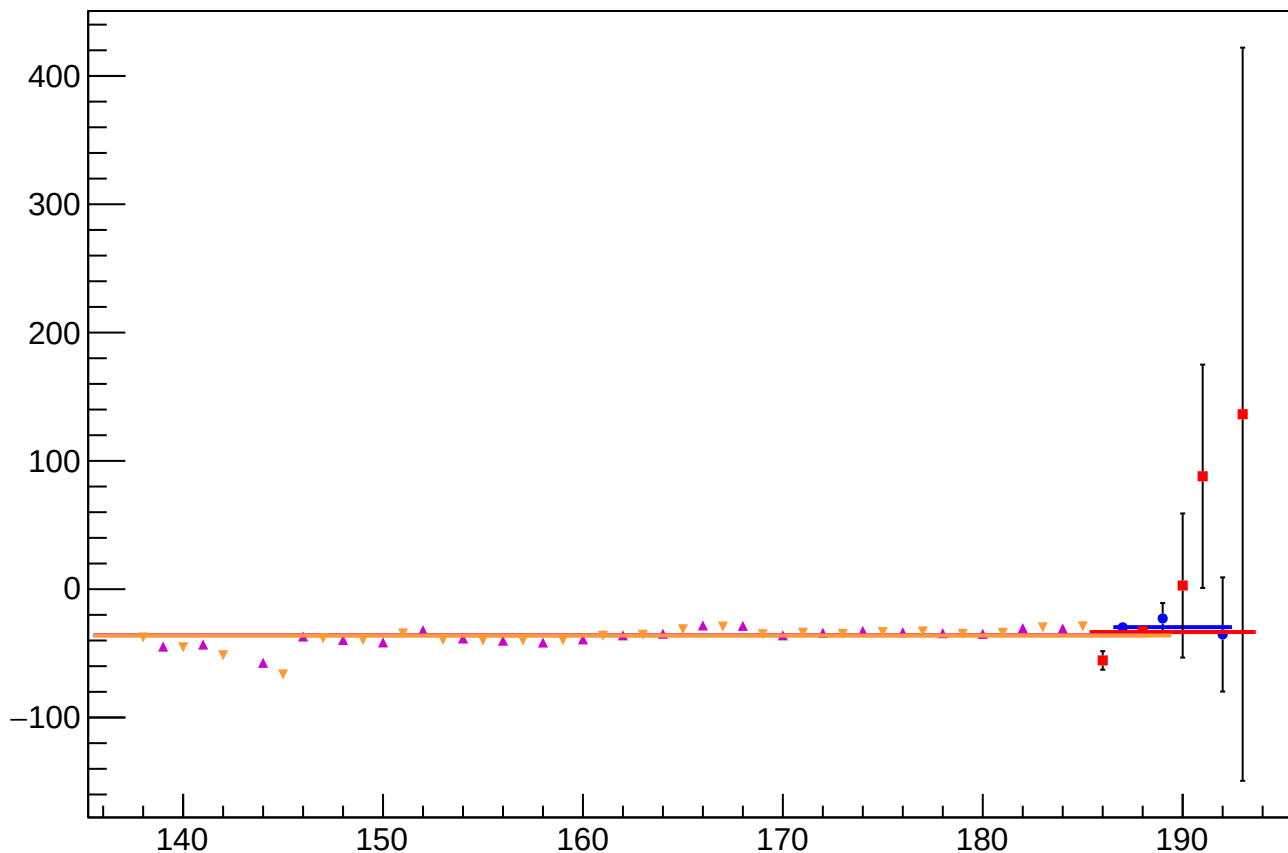
Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

+ sign -0.008 ± 0.001 χ^2/NDF : 76.0/42

All: -0.008 ± 0.000 χ^2/NDF : 182.8/86

- sign -0.008 ± 0.001 χ^2/NDF : 106.4/43

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -29.593 ± 1.851 $\chi^2/\text{NDF}: 0.3/2$

Left Out: -36.110 ± 0.192 $\chi^2/\text{NDF}: 1118.4/23$

Right Out: -33.410 ± 1.164 $\chi^2/\text{NDF}: 12.3/4$

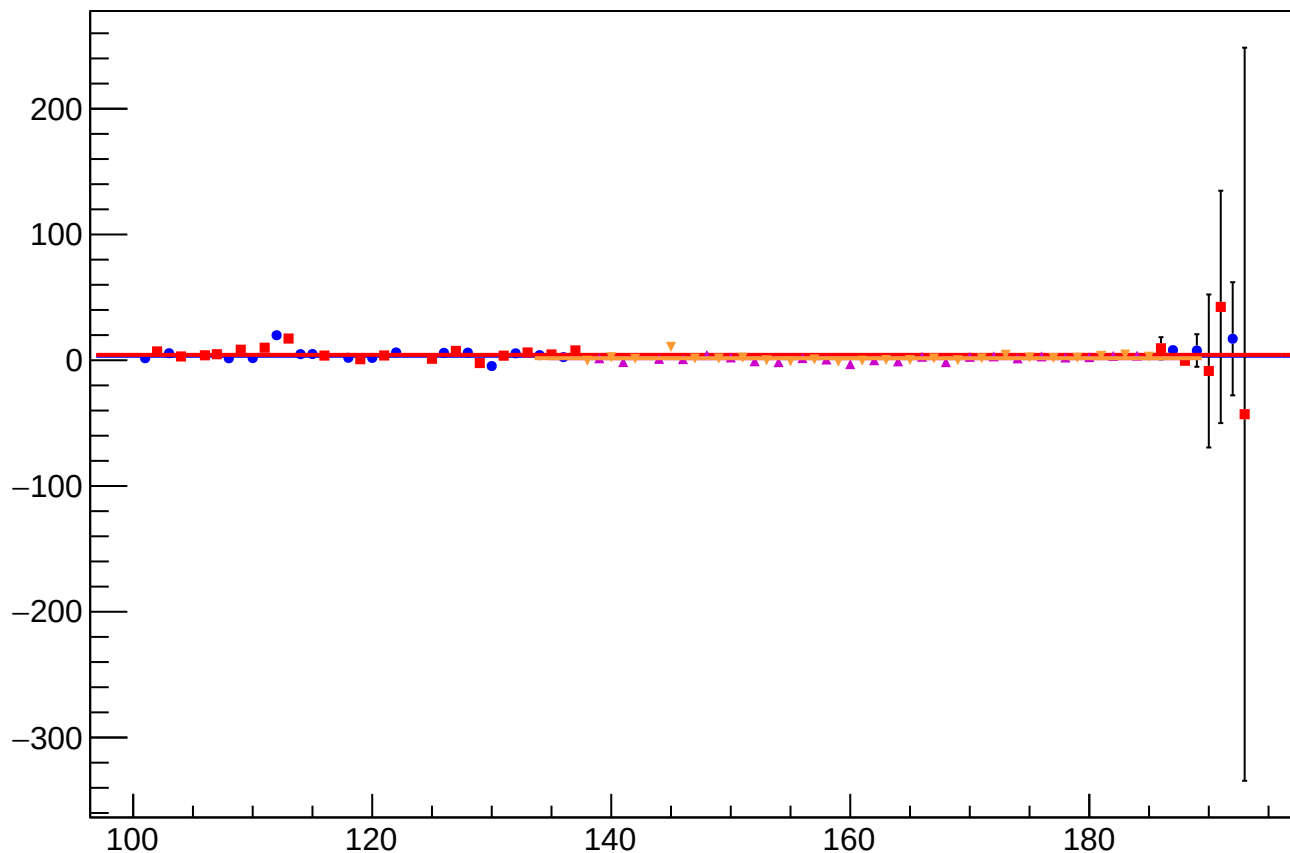
Left In: -35.869 ± 0.191 $\chi^2/\text{NDF}: 887.1/22$

+ sign -36.041 ± 0.191 $\chi^2/\text{NDF}: 1131.0/26$

All: -35.921 ± 0.134 $\chi^2/\text{NDF}: 2035.5/54$

- sign -35.805 ± 0.188 $\chi^2/\text{NDF}: 903.8/27$

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.555 ± 0.217 χ^2/NDF : 449.0/18

Left Out: 1.632 ± 0.148 χ^2/NDF : 166.7/23

Right Out: 4.294 ± 0.224 χ^2/NDF : 357.8/21

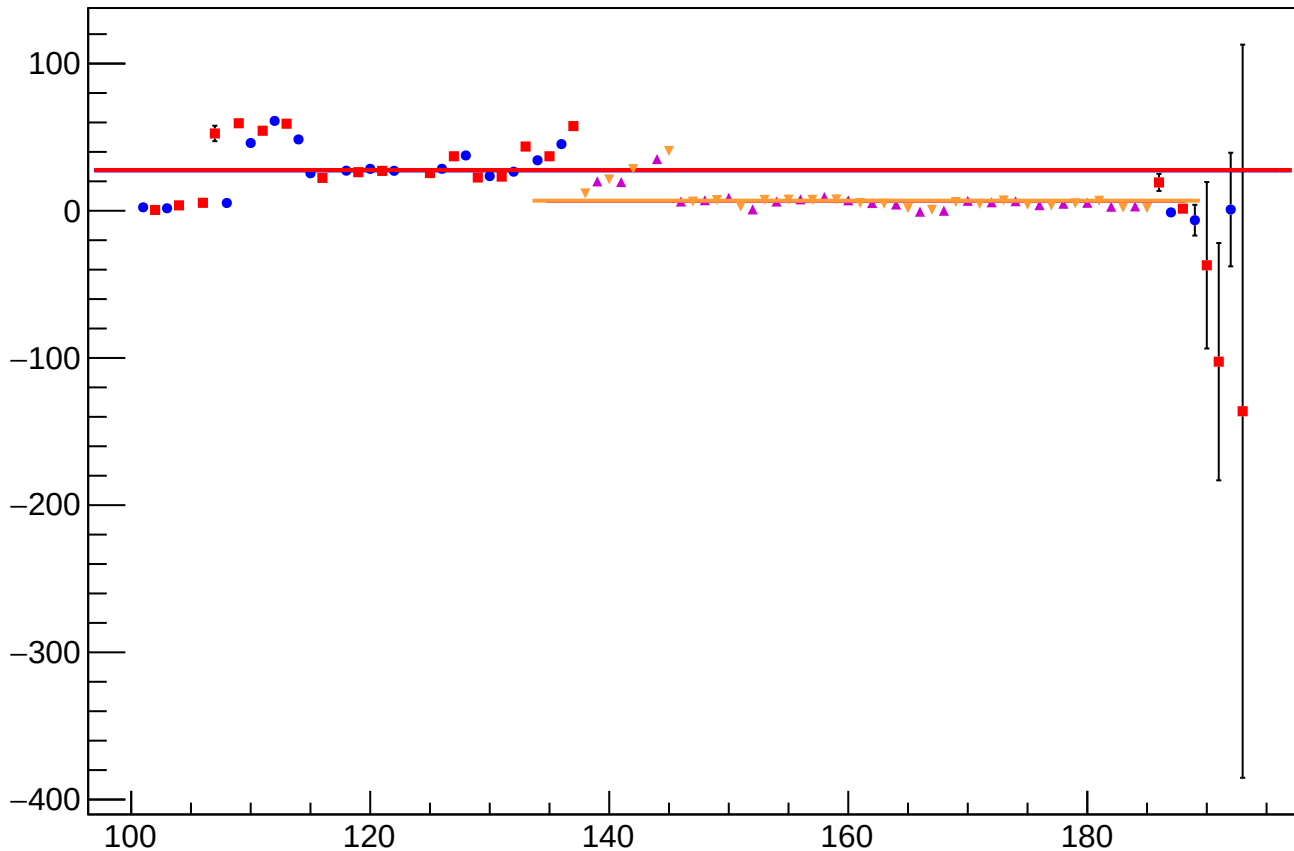
Left In: 1.646 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.242 ± 0.122 χ^2/NDF : 669.4/42

All: 2.349 ± 0.087 χ^2/NDF : 1289.8/87

- sign 2.460 ± 0.124 χ^2/NDF : 618.8/44

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 27.392 $\pm$ 0.402 χ^2 /NDF: 1874.5/18

Left Out: 6.855 $\pm$ 0.191 χ^2 /NDF: 1298.7/23

Right Out: 27.712 $\pm$ 0.386 χ^2 /NDF: 2541.9/21

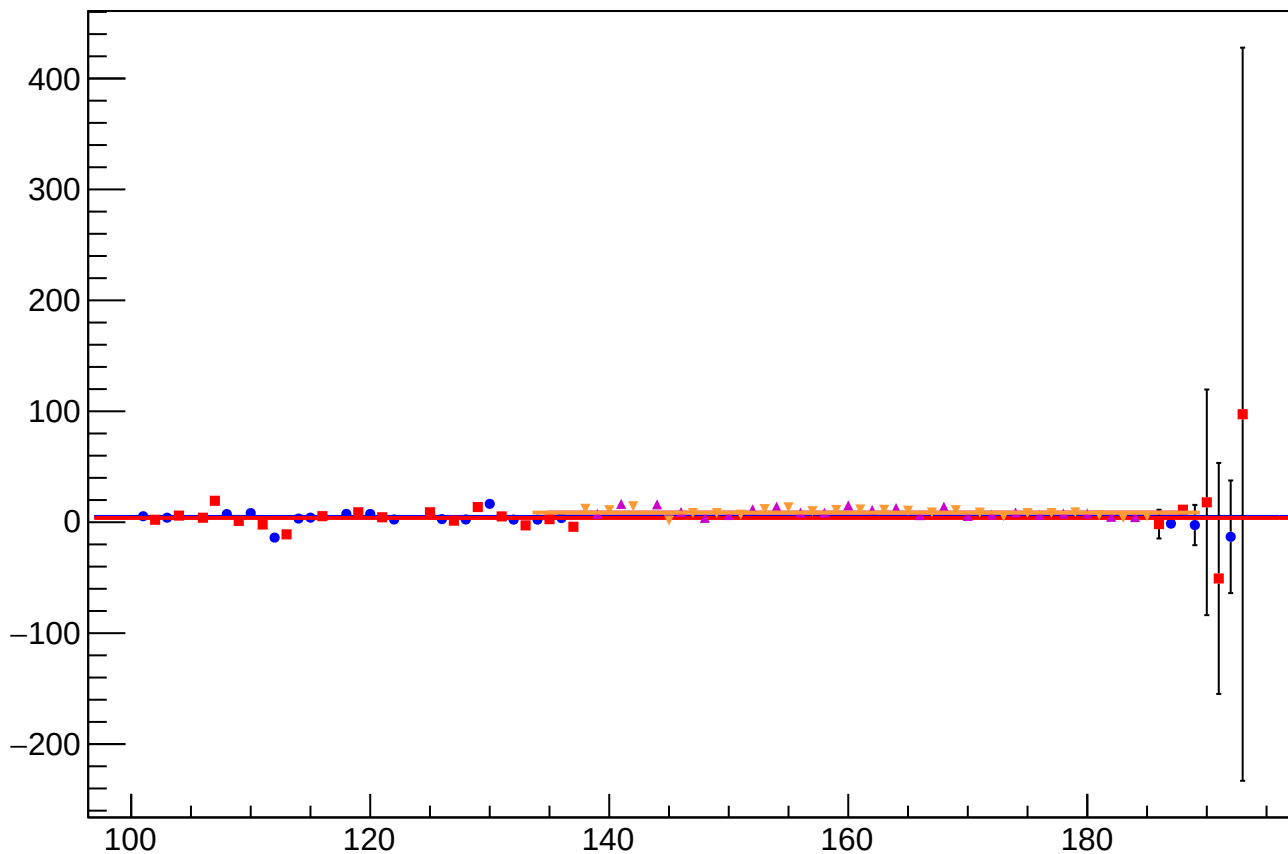
Left In: 6.639 $\pm$ 0.190 χ^2 /NDF: 1077.2/22

+ sign 10.650 $\pm$ 0.173 χ^2 /NDF: 5301.2/42

All: 10.695 $\pm$ 0.121 χ^2 /NDF: 11319.8/87

- sign 10.739 $\pm$ 0.170 χ^2 /NDF: 6018.5/44

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.767 ± 0.251 $\chi^2/\text{NDF}: 556.1/18$

Left Out: 8.697 ± 0.169 $\chi^2/\text{NDF}: 241.1/23$

Right Out: 3.878 ± 0.258 $\chi^2/\text{NDF}: 574.0/21$

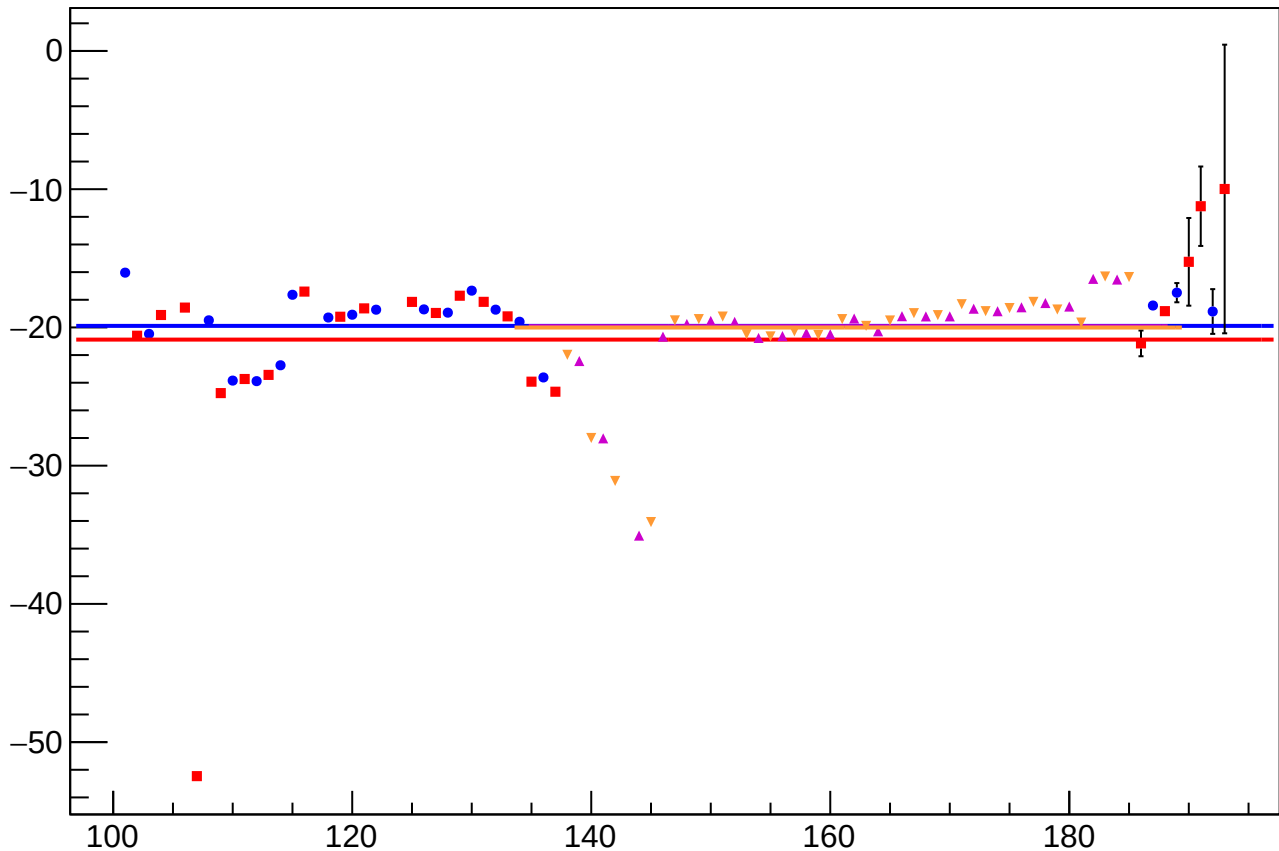
Left In: 8.659 ± 0.170 $\chi^2/\text{NDF}: 438.0/22$

+ sign 7.470 ± 0.140 $\chi^2/\text{NDF}: 966.1/42$

All: 7.344 ± 0.100 $\chi^2/\text{NDF}: 2219.7/87$

- sign 7.214 ± 0.142 $\chi^2/\text{NDF}: 1251.9/44$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.888 ± 0.016 $\chi^2/\text{NDF}: 26121.3/18$

Left Out: -20.007 ± 0.008 $\chi^2/\text{NDF}: 171647.2/23$

Right Out: -20.881 ± 0.016 $\chi^2/\text{NDF}: 92964.4/21$

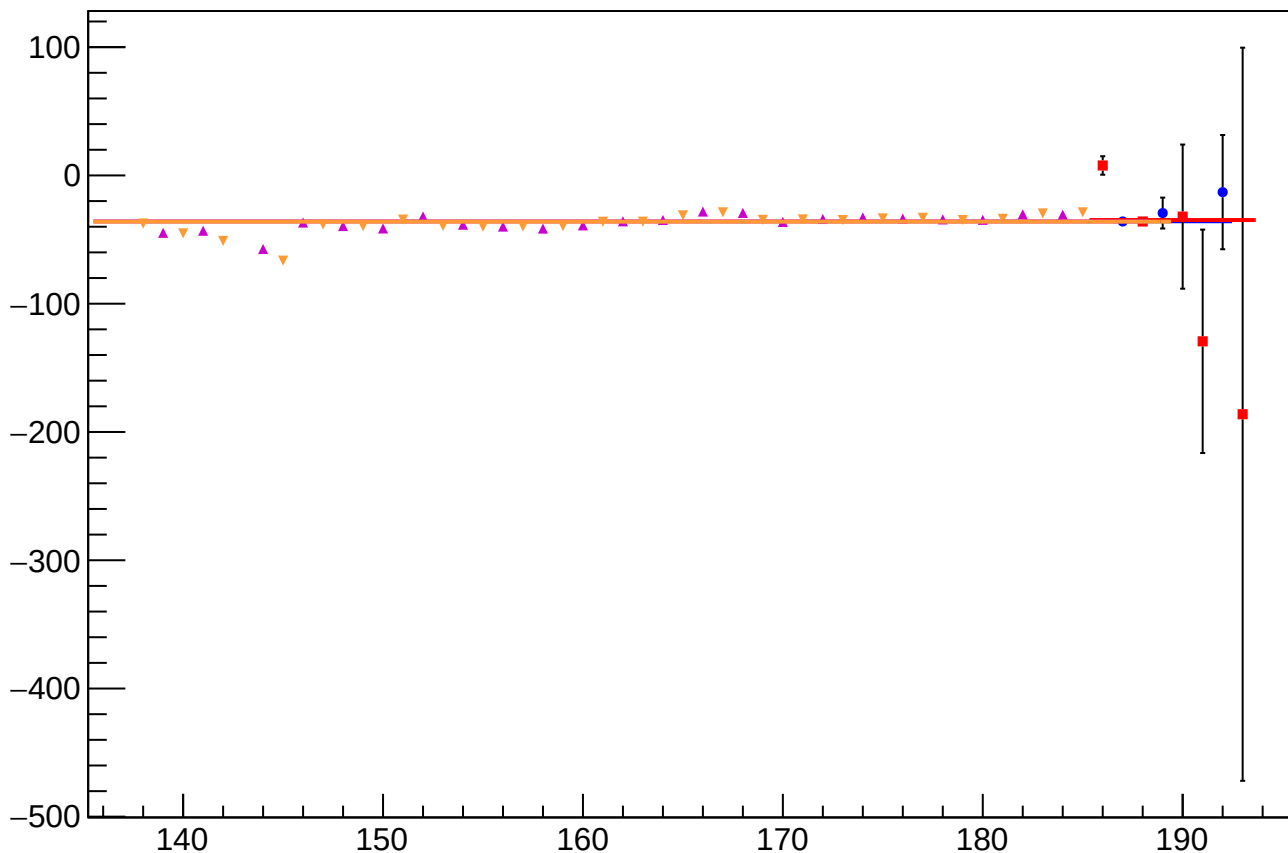
Left In: -19.912 ± 0.008 $\chi^2/\text{NDF}: 145487.3/22$

+ sign -19.982 ± 0.007 $\chi^2/\text{NDF}: 197815.0/42$

All: -20.044 ± 0.005 $\chi^2/\text{NDF}: 439488.6/87$

- sign -20.106 ± 0.007 $\chi^2/\text{NDF}: 241519.5/44$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -35.709 ± 1.857 $\chi^2/\text{NDF}: 0.6/2$

Left Out: -36.019 ± 0.192 $\chi^2/\text{NDF}: 1125.4/23$

Right Out: -34.781 ± 1.167 $\chi^2/\text{NDF}: 37.1/4$

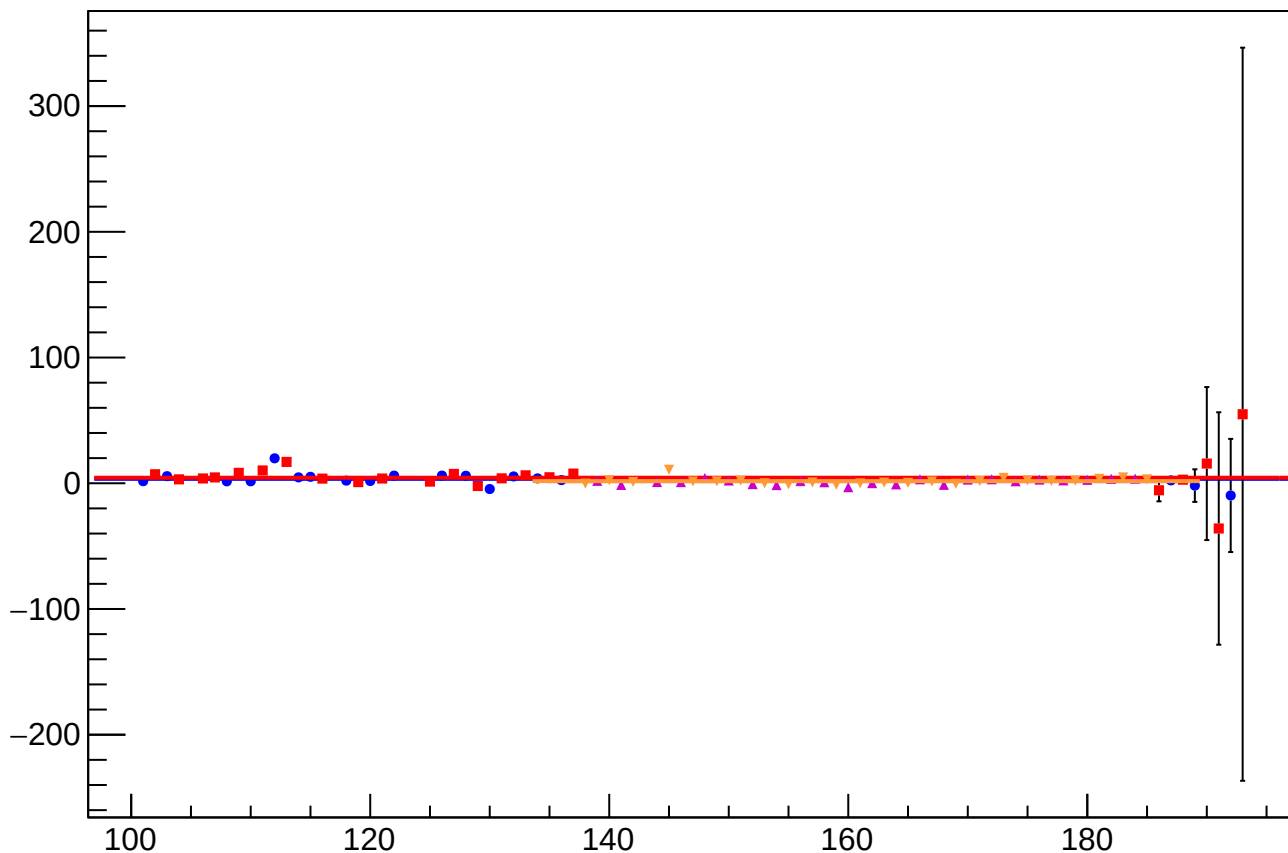
Left In: -35.856 ± 0.191 $\chi^2/\text{NDF}: 875.9/22$

+ sign -36.015 ± 0.191 $\chi^2/\text{NDF}: 1126.0/26$

All: -35.920 ± 0.134 $\chi^2/\text{NDF}: 2040.3/54$

- sign -35.828 ± 0.188 $\chi^2/\text{NDF}: 913.8/27$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.524 ± 0.217 χ^2/NDF : 443.7/18

Left Out: 1.721 ± 0.148 χ^2/NDF : 168.3/23

Right Out: 4.399 ± 0.224 χ^2/NDF : 345.8/21

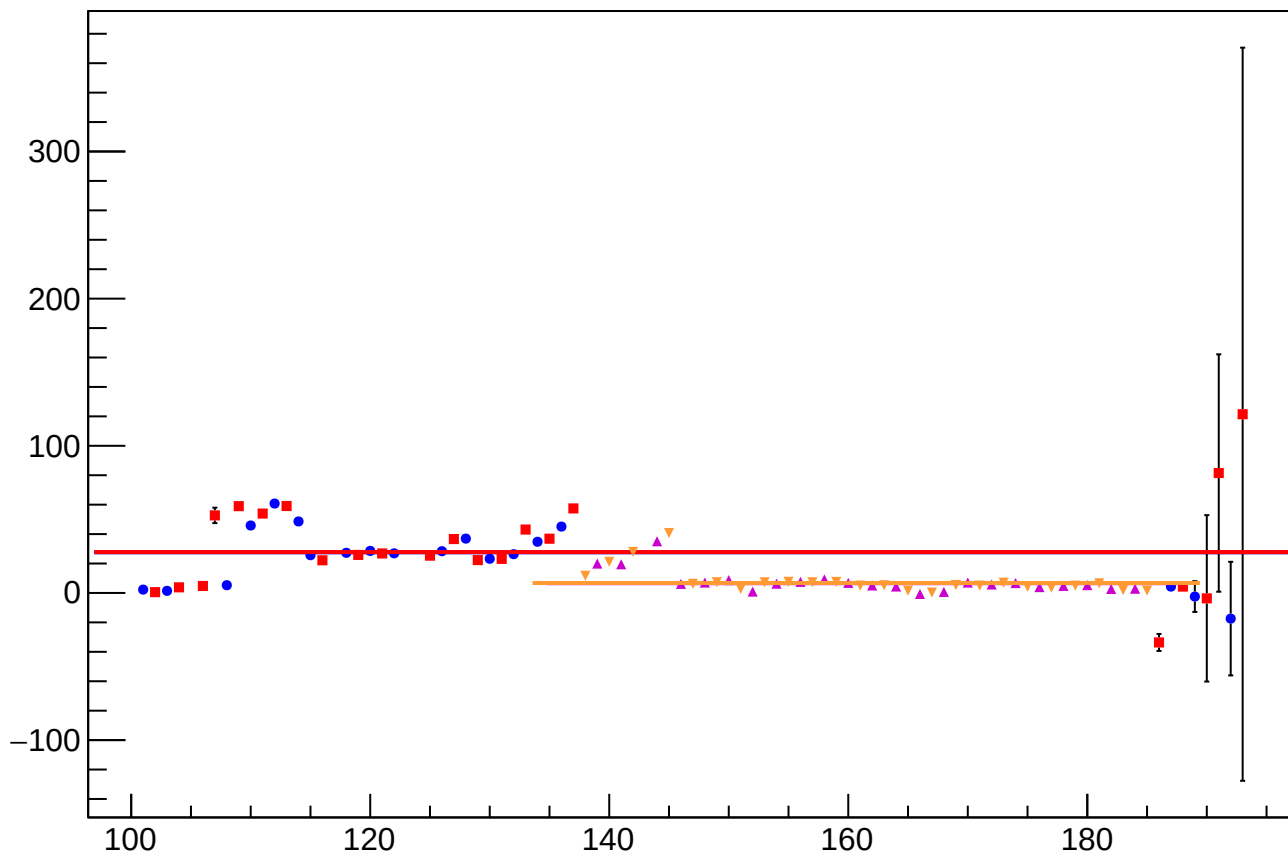
Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.293 ± 0.122 χ^2/NDF : 659.3/42

All: 2.414 ± 0.087 χ^2/NDF : 1271.1/87

- sign 2.539 ± 0.124 χ^2/NDF : 609.9/44

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 27.624 $\pm$ 0.402 χ^2 /NDF: 1742.9/18

Left Out: 6.767 $\pm$ 0.191 χ^2 /NDF: 1301.2/23

Right Out: 27.761 $\pm$ 0.386 χ^2 /NDF: 2464.9/21

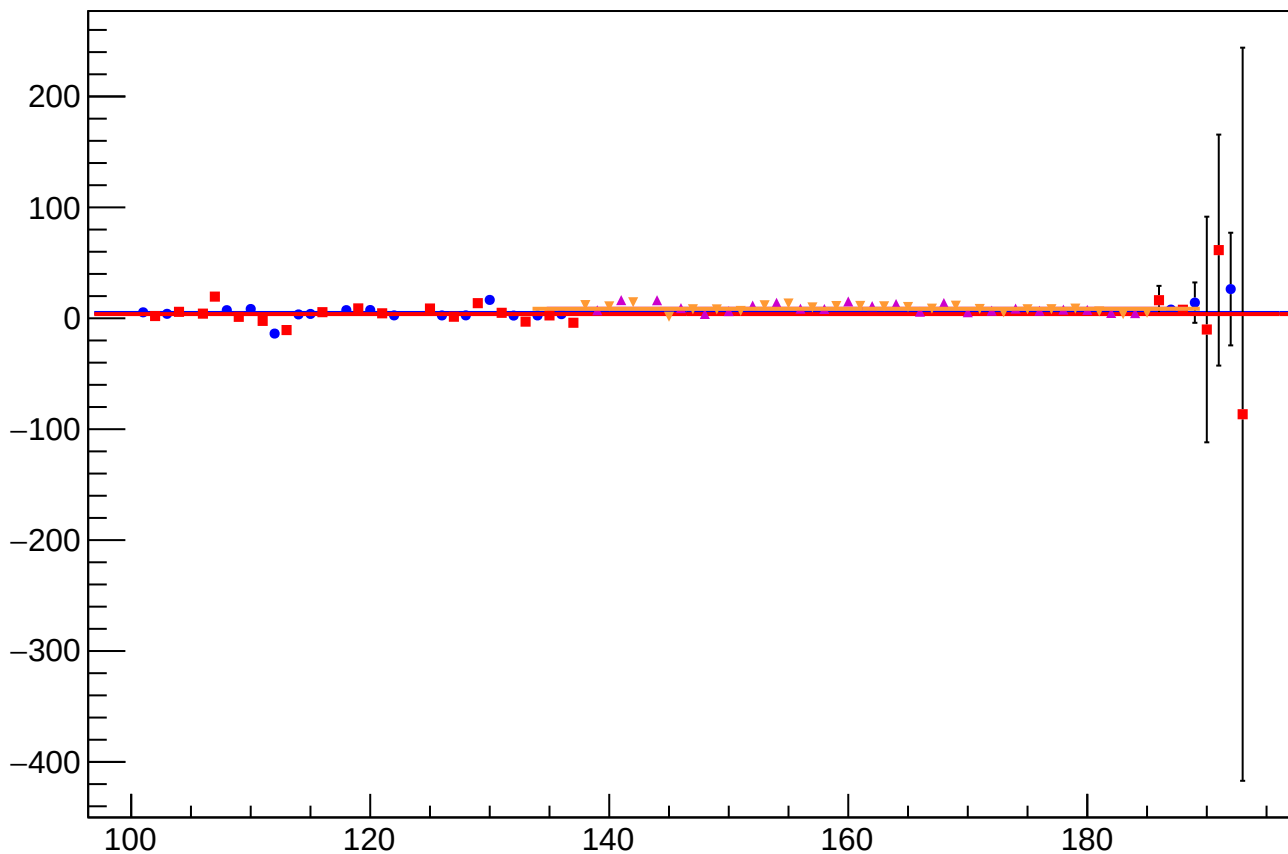
Left In: 6.635 $\pm$ 0.190 χ^2 /NDF: 1070.4/22

+ sign 10.619 $\pm$ 0.173 χ^2 /NDF: 5240.6/42

All: 10.682 $\pm$ 0.121 χ^2 /NDF: 11188.9/87

- sign 10.743 $\pm$ 0.170 χ^2 /NDF: 5948.1/44

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.806 ± 0.251 $\chi^2/\text{NDF}: 550.9/18$

Left Out: 8.588 ± 0.169 $\chi^2/\text{NDF}: 245.6/23$

Right Out: 3.782 ± 0.258 $\chi^2/\text{NDF}: 566.2/21$

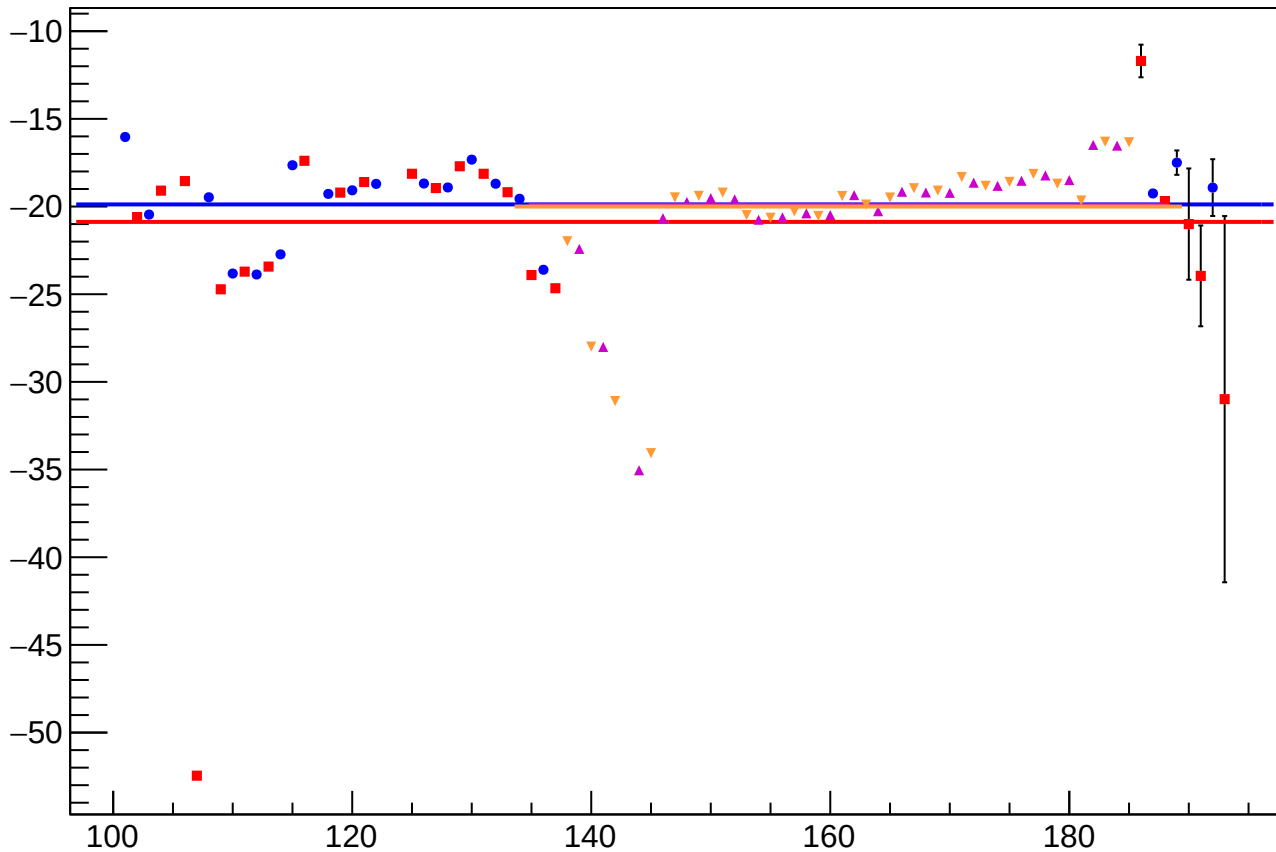
Left In: 8.573 ± 0.170 $\chi^2/\text{NDF}: 443.4/22$

+ sign 7.408 ± 0.140 $\chi^2/\text{NDF}: 953.2/42$

All: 7.268 ± 0.100 $\chi^2/\text{NDF}: 2205.9/87$

- sign 7.125 ± 0.142 $\chi^2/\text{NDF}: 1250.8/44$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26081.9/18$

Left Out: -19.999 ± 0.008 $\chi^2/\text{NDF}: 171834.0/23$

Right Out: -20.876 ± 0.016 $\chi^2/\text{NDF}: 93027.5/21$

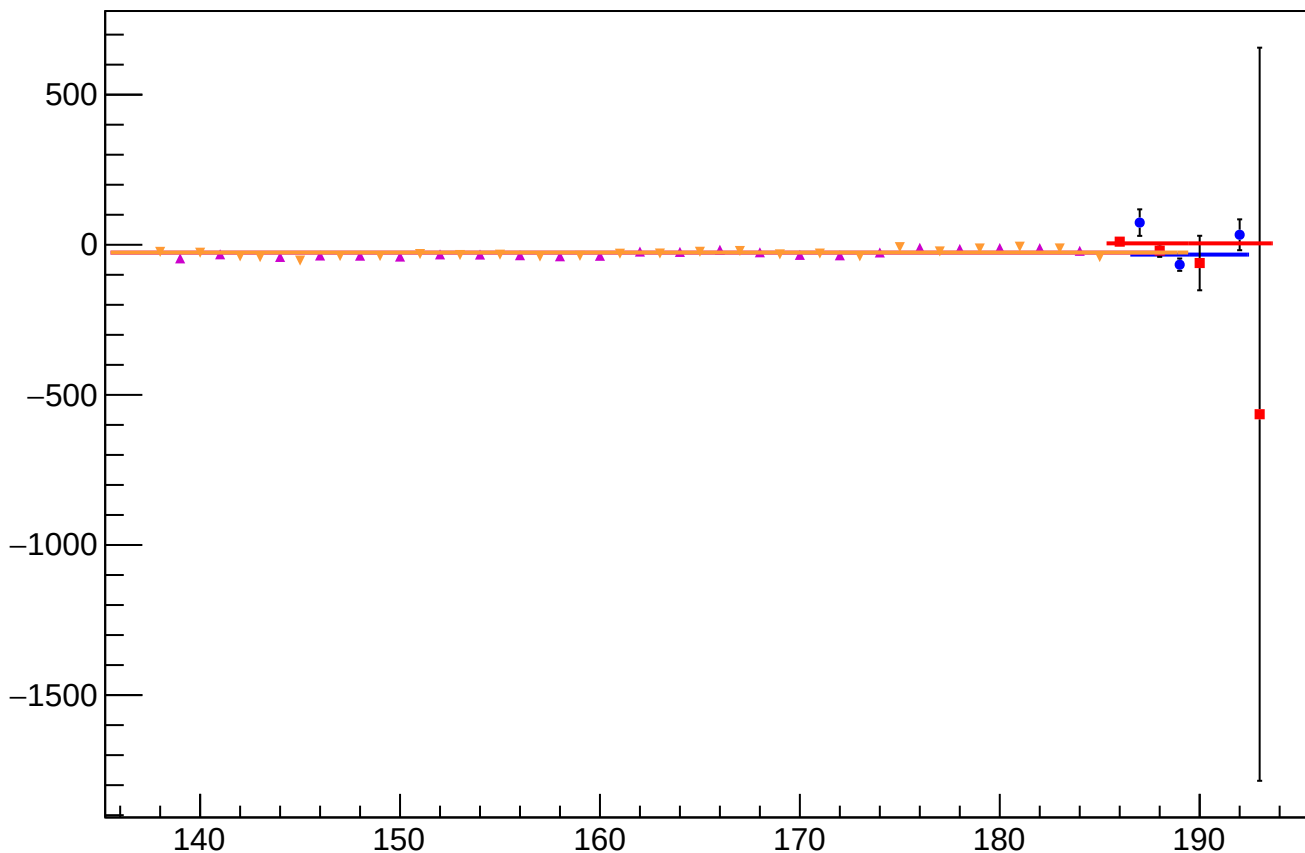
Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

+ sign -19.975 ± 0.007 $\chi^2/\text{NDF}: 197963.1/42$

All: -20.037 ± 0.005 $\chi^2/\text{NDF}: 439582.4/87$

- sign -20.099 ± 0.007 $\chi^2/\text{NDF}: 241462.9/44$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -32.695 ± 17.515 χ^2/NDF : 10.1/2

Left Out: -25.804 ± 0.192 χ^2/NDF : 4127.8/24

Right Out: 4.707 ± 8.566 χ^2/NDF : 2.4/3

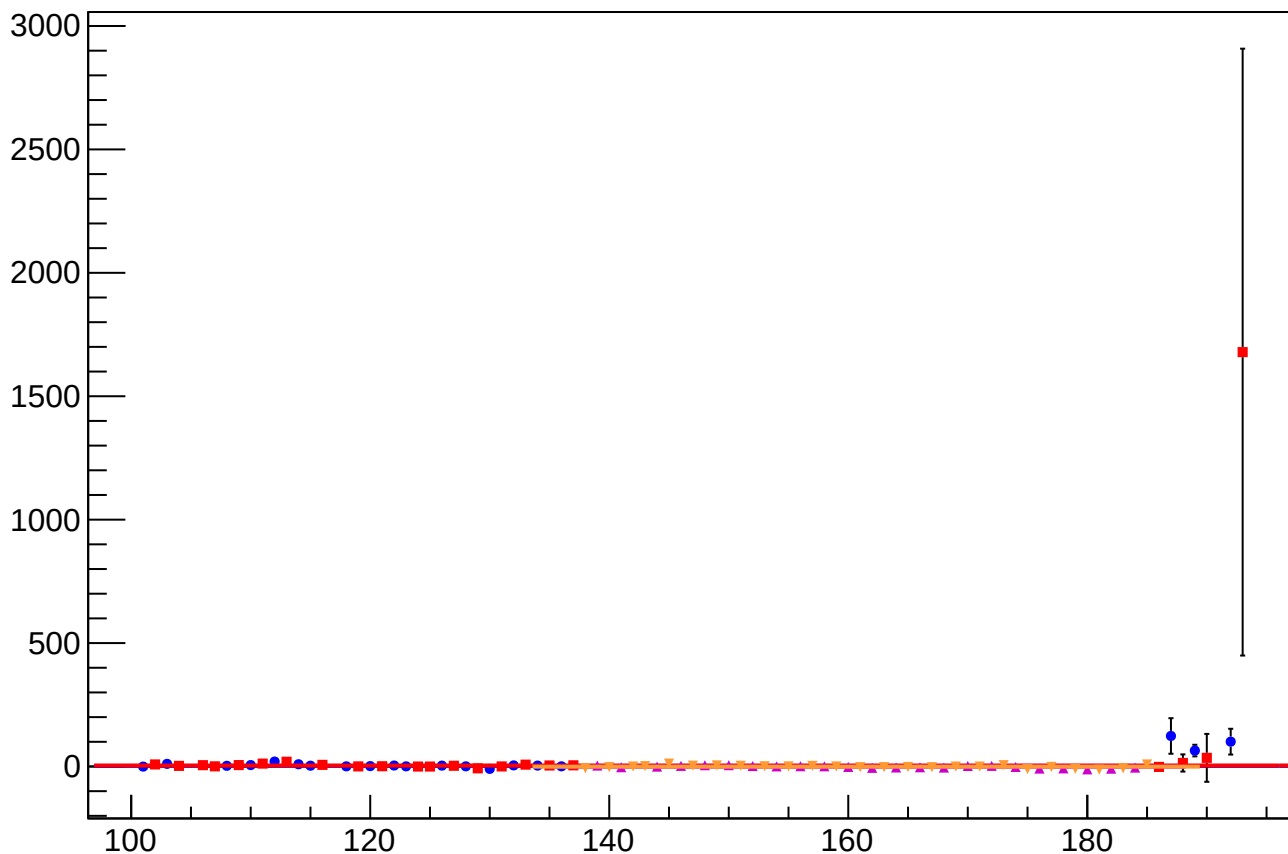
Left In: -26.204 ± 0.194 χ^2/NDF : 3377.8/22

+ sign -25.805 ± 0.192 χ^2/NDF : 4138.1/27

All: -25.995 ± 0.137 χ^2/NDF : 7533.3/54

- sign -26.188 ± 0.194 χ^2/NDF : 3393.2/26

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.460 ± 0.311 χ^2/NDF : 308.6/19

Left Out: -0.681 ± 0.147 χ^2/NDF : 1314.3/24

Right Out: 3.723 ± 0.327 χ^2/NDF : 271.4/21

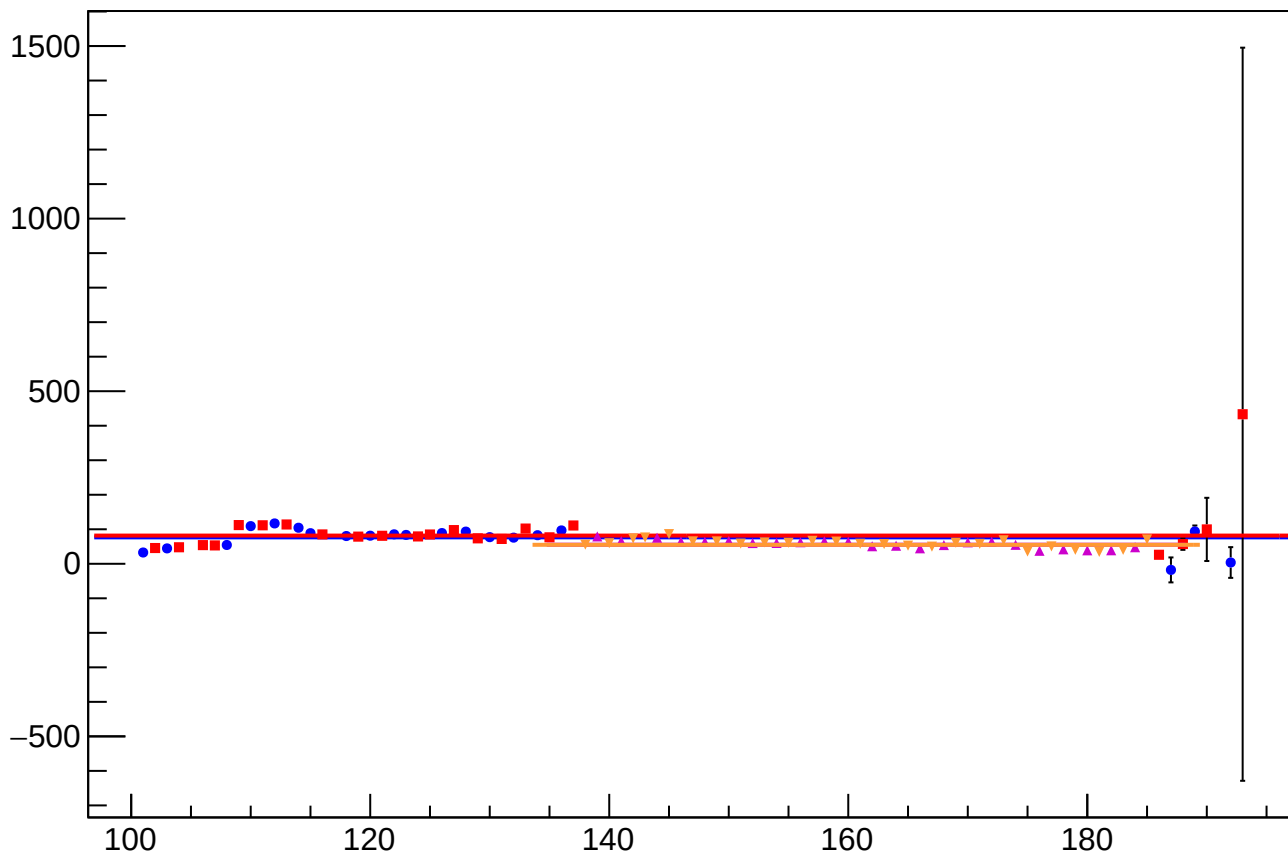
Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

+ sign -0.110 ± 0.133 χ^2/NDF : 1706.4/44

All: -0.079 ± 0.095 χ^2/NDF : 3210.6/89

- sign -0.047 ± 0.136 χ^2/NDF : 1504.1/44

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.555 $\pm$ 0.573 χ^2 /NDF: 2264.0/19

Left Out: 55.000 $\pm$ 0.192 χ^2 /NDF: 4524.8/24

Right Out: 81.708 $\pm$ 0.591 χ^2 /NDF: 1604.1/21

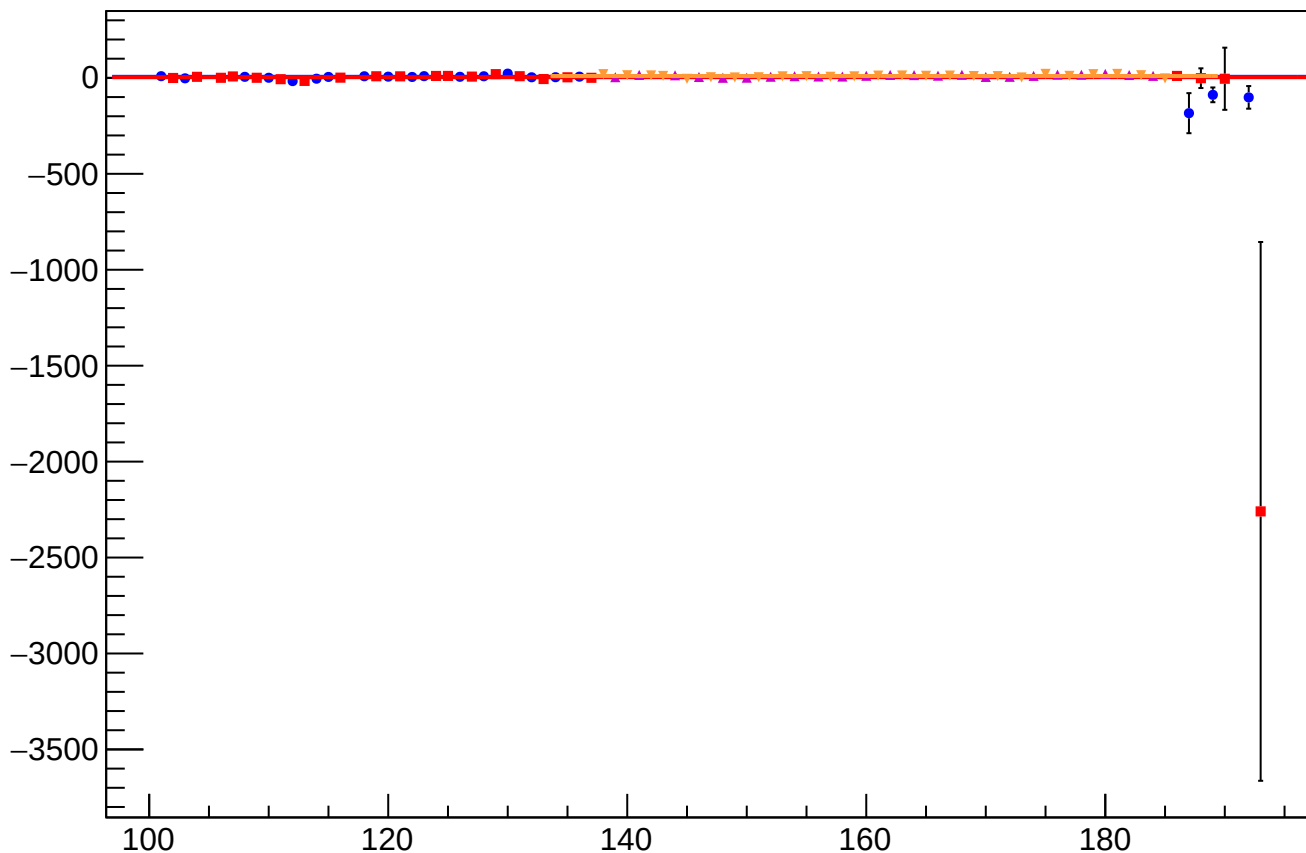
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ sign 57.173 $\pm$ 0.182 χ^2 /NDF: 8061.9/44

All: 57.472 $\pm$ 0.129 χ^2 /NDF: 15313.5/89

- sign 57.775 $\pm$ 0.183 χ^2 /NDF: 7246.1/44

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.428 $\pm$ 0.357 χ^2 /NDF: 400.0/19

Left Out: 9.750 $\pm$ 0.168 χ^2 /NDF:1449.2/24

Right Out: 3.582 $\pm$ 0.375 χ^2 /NDF: 425.8/21

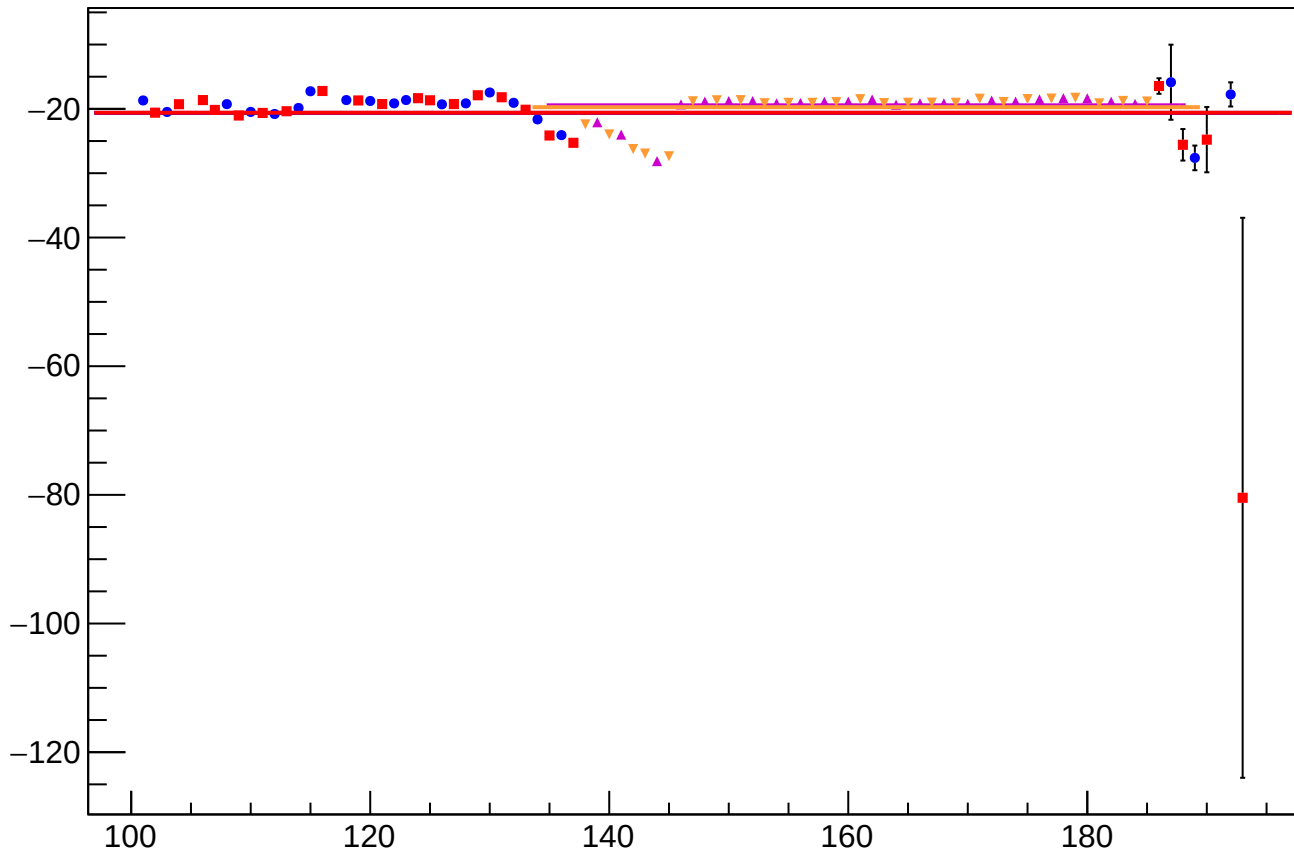
Left In: 9.775 $\pm$ 0.171 χ^2 /NDF:1165.6/22

+ sign 8.966 $\pm$ 0.152 χ^2 /NDF: 1969.0/44

All: 8.840 $\pm$ 0.109 χ^2 /NDF: 3787.0/89

- sign 8.708 $\pm$ 0.156 χ^2 /NDF: 1816.6/44

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12506.8/19$

Left Out: -19.738 ± 0.008 $\chi^2/\text{NDF}: 88495.2/24$

Right Out: -20.602 ± 0.019 $\chi^2/\text{NDF}: 11969.6/21$

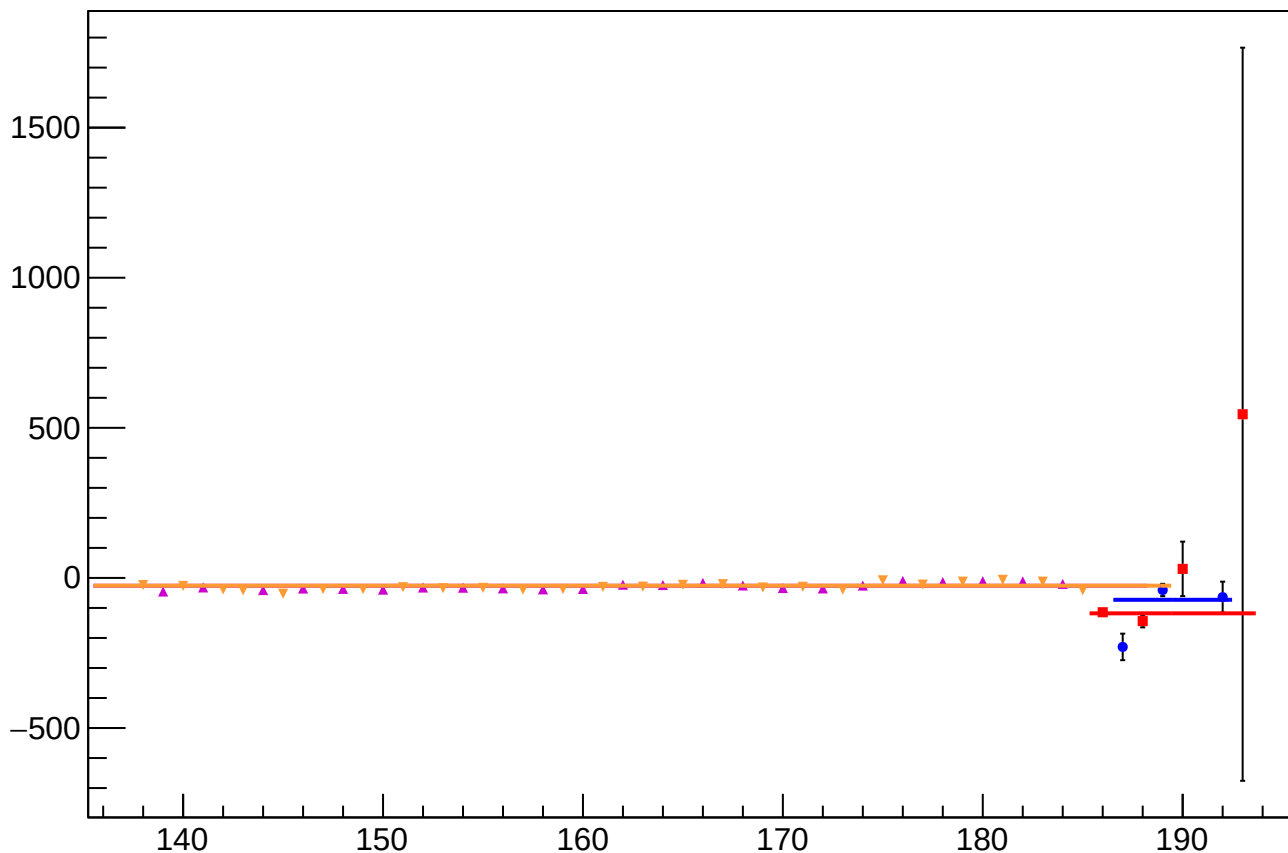
Left In: -19.448 ± 0.008 $\chi^2/\text{NDF}: 54039.2/22$

+ sign -19.867 ± 0.007 $\chi^2/\text{NDF}: 102837.3/44$

All: -19.740 ± 0.005 $\chi^2/\text{NDF}: 172469.1/89$

- sign -19.612 ± 0.007 $\chi^2/\text{NDF}: 69026.2/44$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -72.882 ± 17.530 χ^2/NDF : 15.2/2

Left Out: -25.814 ± 0.192 χ^2/NDF : 4094.6/24

Right Out: -118.005 ± 8.572 χ^2/NDF : 4.6/3

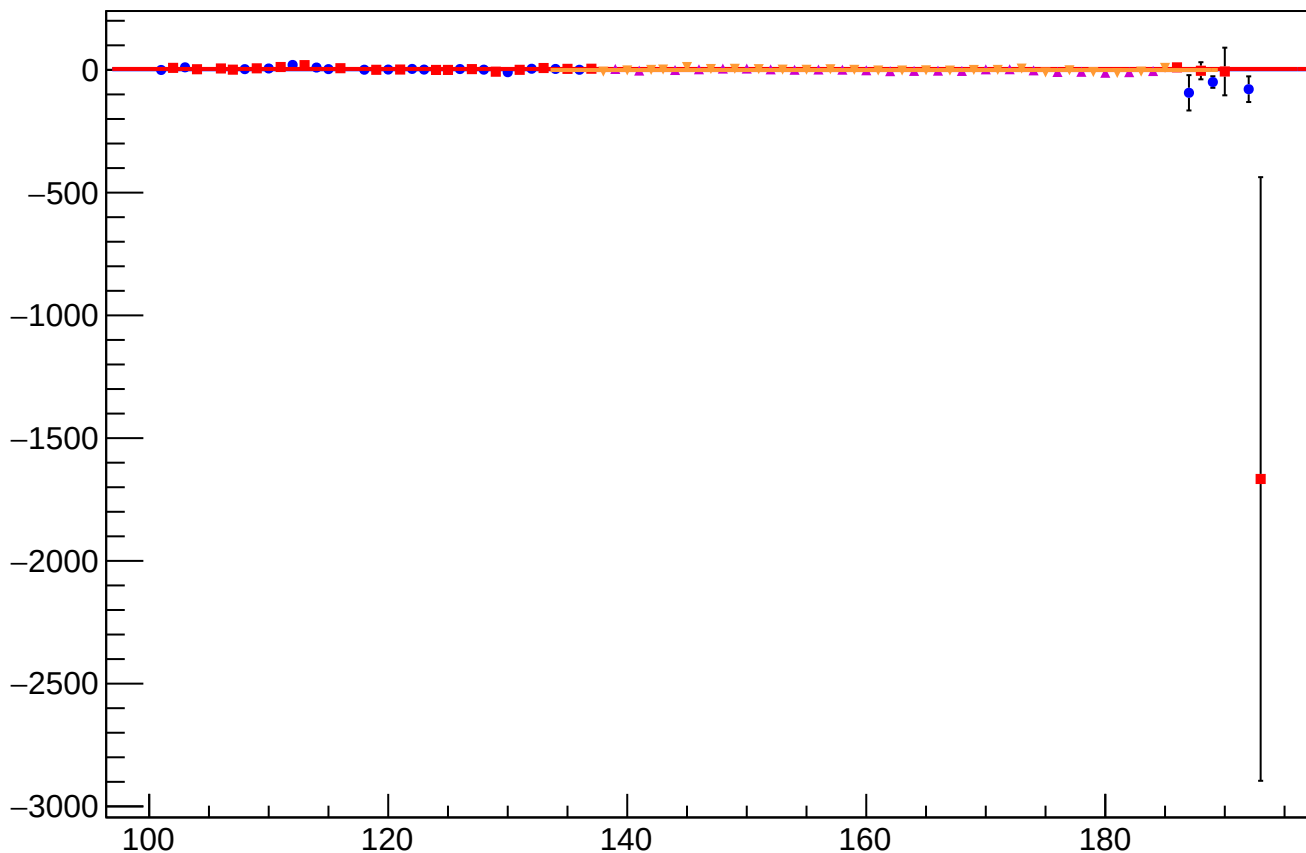
Left In: -26.200 ± 0.194 χ^2/NDF : 3344.6/22

+ sign -25.820 ± 0.192 χ^2/NDF : 4117.0/27

All: -26.031 ± 0.137 χ^2/NDF : 7583.3/54

- sign -26.247 ± 0.194 χ^2/NDF : 3463.9/26

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.434 ± 0.311 χ^2/NDF : 302.4/19

Left Out: -0.625 ± 0.147 χ^2/NDF : 1303.5/24

Right Out: 3.862 ± 0.327 χ^2/NDF : 271.1/21

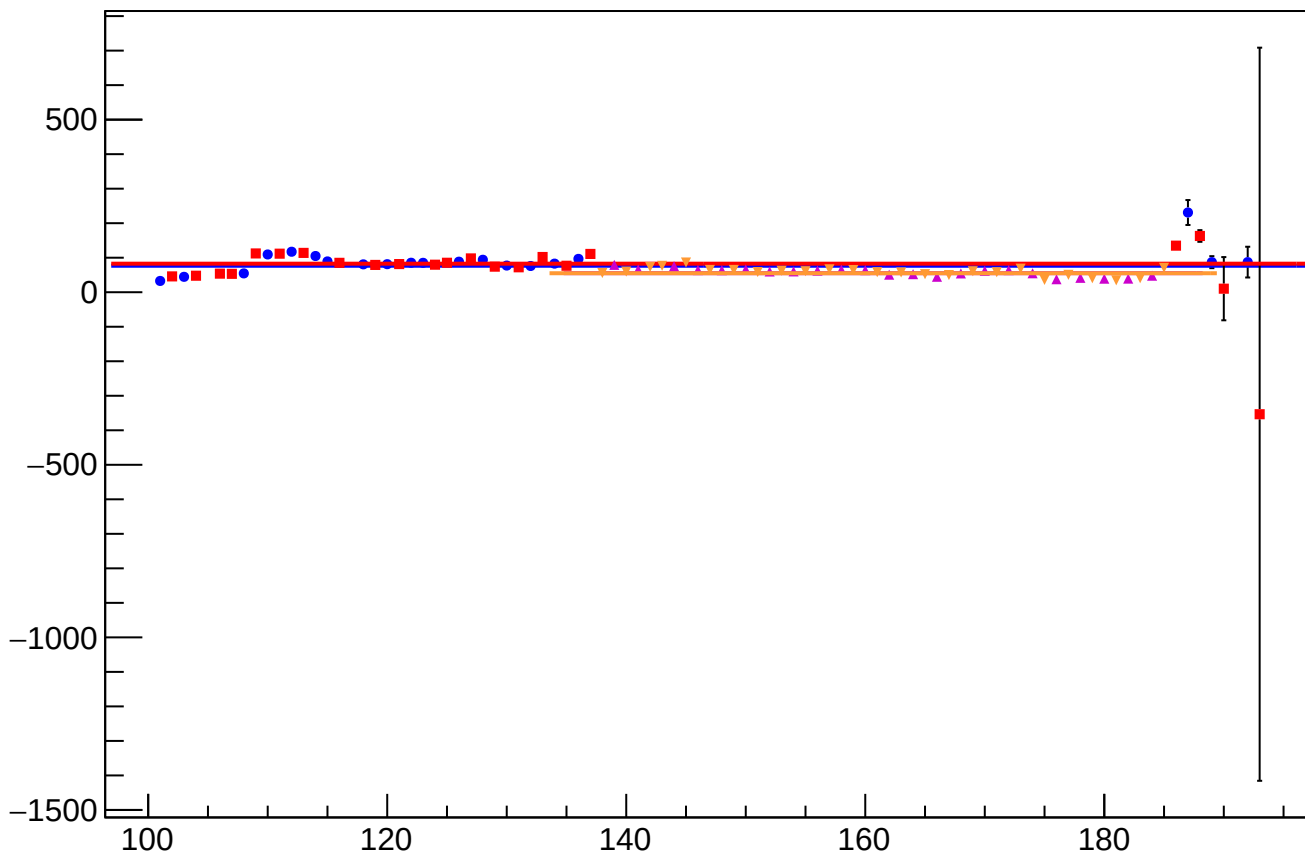
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.069 ± 0.133 χ^2/NDF : 1685.0/44

All: -0.019 ± 0.095 χ^2/NDF : 3233.7/89

- sign 0.034 ± 0.137 χ^2/NDF : 1548.4/44

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.739 $\pm$ 0.573 χ^2 /NDF: 2283.7/19

Left Out: 55.008 $\pm$ 0.192 χ^2 /NDF: 4502.1/24

Right Out: 82.667 $\pm$ 0.591 χ^2 /NDF: 1621.3/21

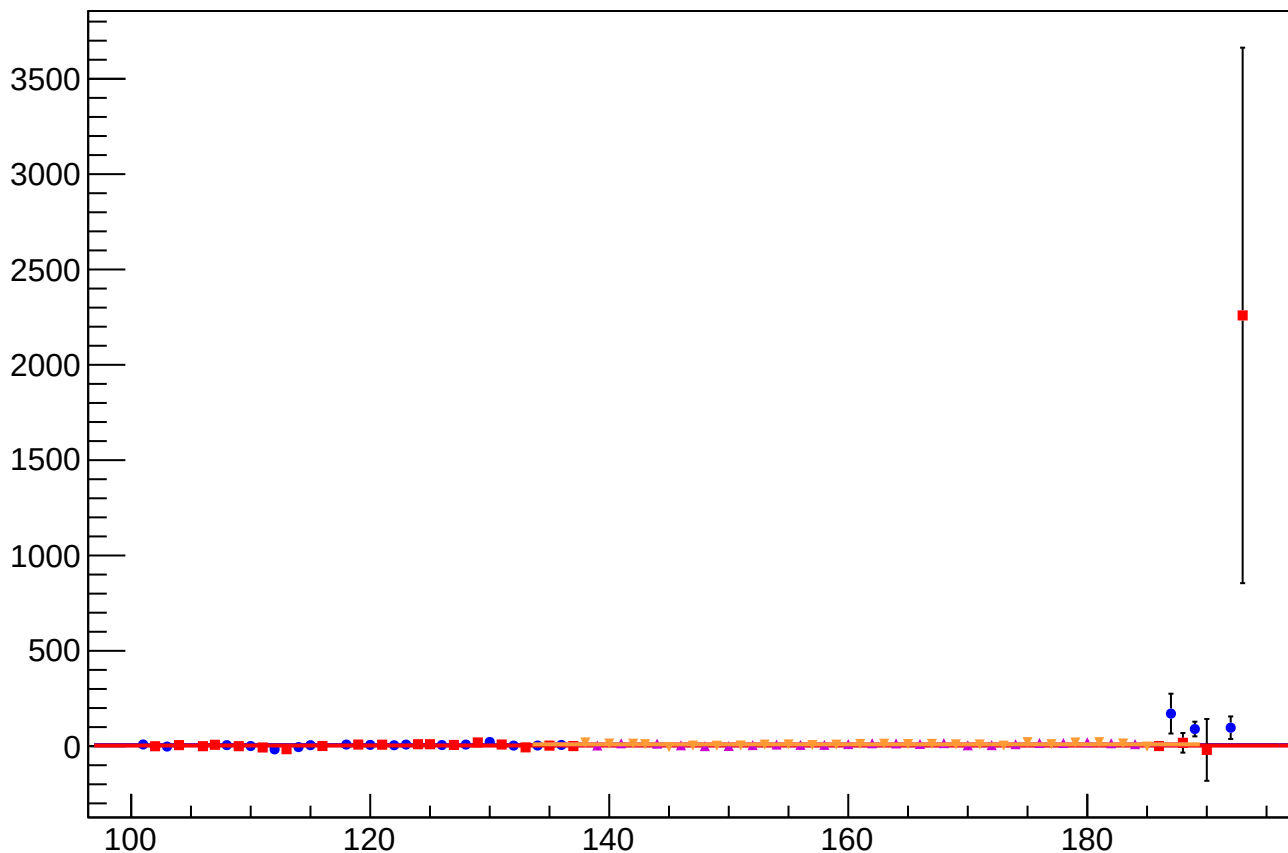
Left In: 55.252 $\pm$ 0.193 χ^2 /NDF: 3786.2/22

+ sign 57.200 $\pm$ 0.182 χ^2 /NDF: 8078.2/44

All: 57.543 $\pm$ 0.129 χ^2 /NDF: 15437.9/89

- sign 57.892 $\pm$ 0.183 χ^2 /NDF: 7352.5/44

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.452 ± 0.357 χ^2/NDF : 395.7/19

Left Out: 9.691 ± 0.168 χ^2/NDF : 1440.3/24

Right Out: 3.424 ± 0.376 χ^2/NDF : 425.6/21

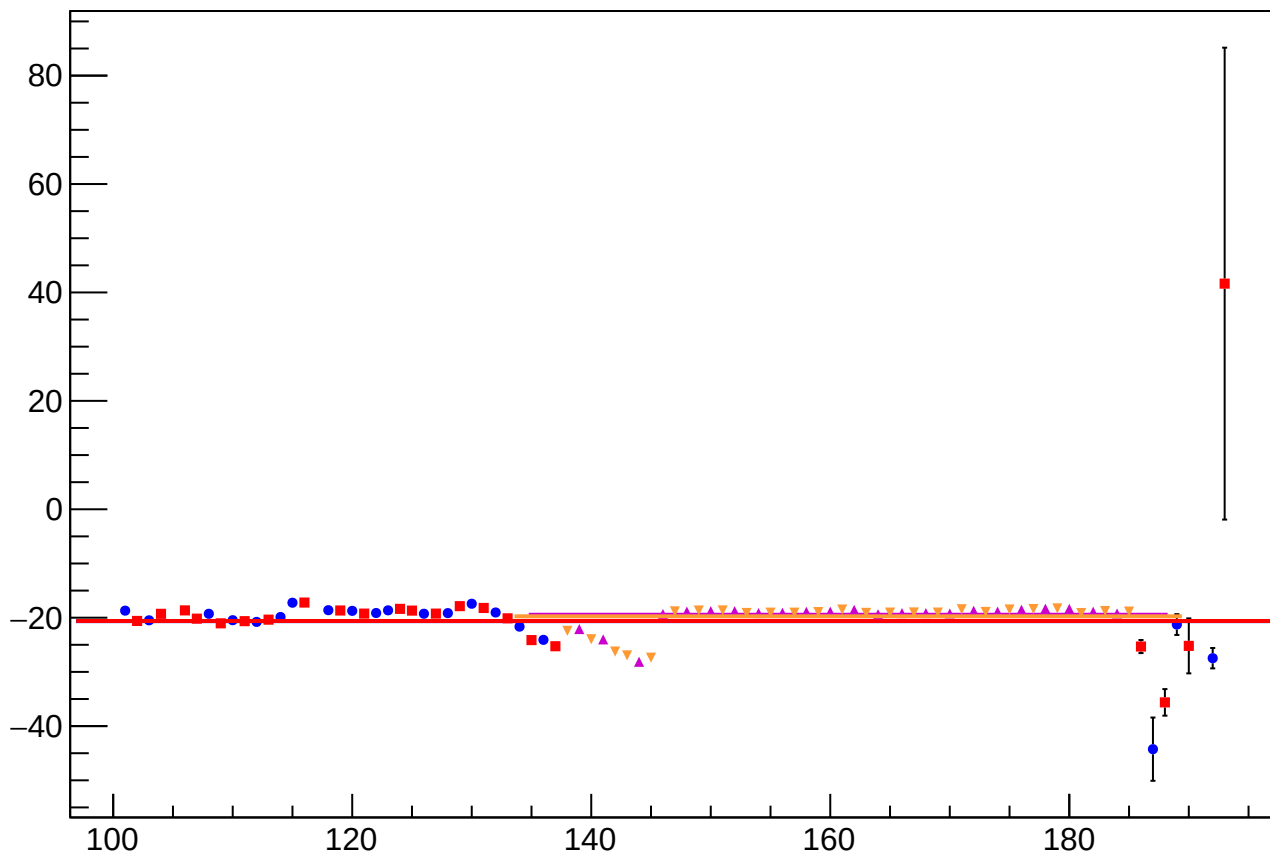
Left In: 9.708 ± 0.171 χ^2/NDF : 1198.0/22

+ sign 8.922 ± 0.152 χ^2/NDF : 1951.0/44

All: 8.777 ± 0.109 χ^2/NDF : 3808.2/89

- sign 8.626 ± 0.156 χ^2/NDF : 1855.3/44

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.633 ± 0.019 χ^2/NDF : 12560.5/19

Left Out: -19.746 ± 0.008 χ^2/NDF : 88374.4/24

Right Out: -20.608 ± 0.019 χ^2/NDF : 11956.0/21

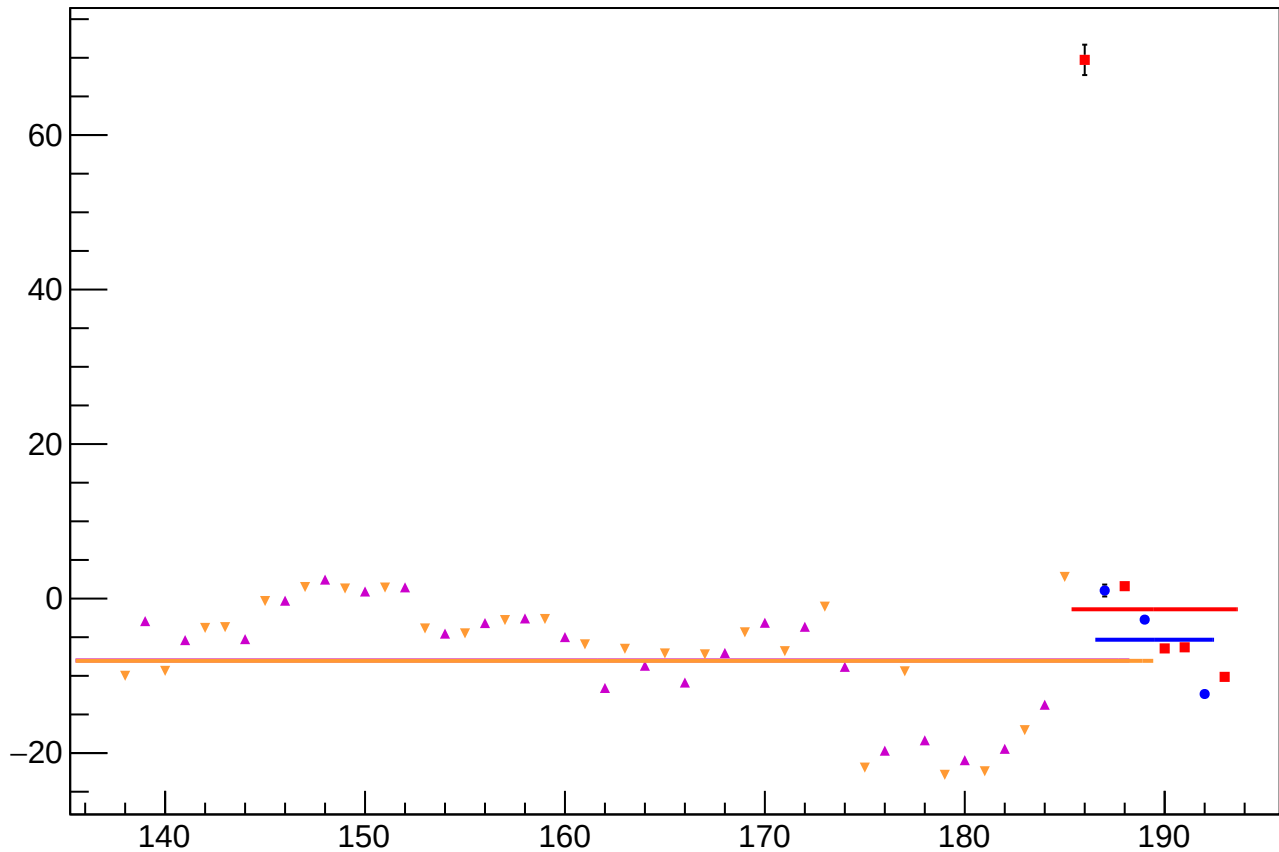
Left In: -19.457 ± 0.008 χ^2/NDF : 53995.4/22

+ sign -19.874 ± 0.007 χ^2/NDF : 102743.4/44

All: -19.748 ± 0.005 χ^2/NDF : 172286.6/89

- sign -19.621 ± 0.007 χ^2/NDF : 68947.7/44

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -5.326 ± 0.283 χ^2/NDF : 312.6/2

Left Out: -8.058 ± 0.070 χ^2/NDF : 12532.2/24

Right Out: -1.387 ± 0.148 χ^2/NDF : 2300.6/4

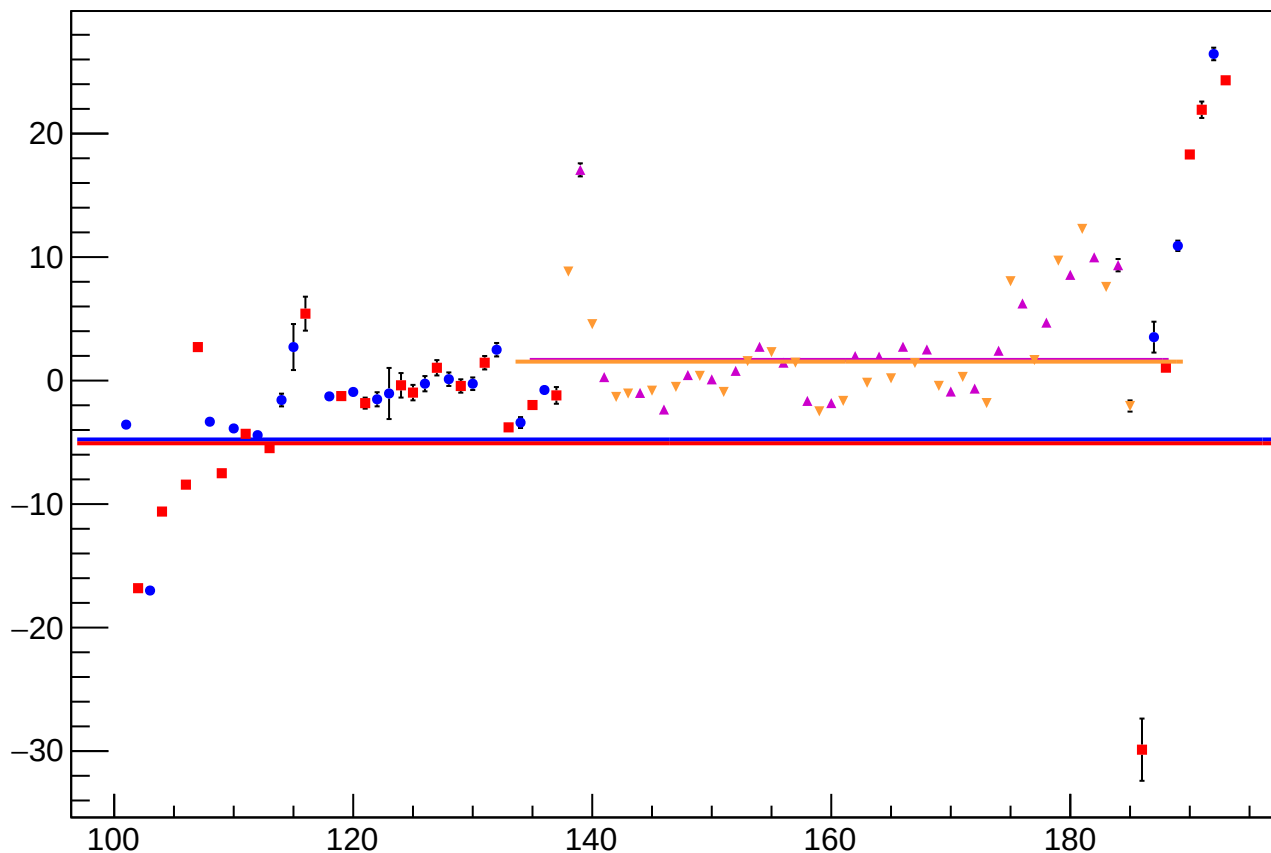
Left In: -8.010 ± 0.071 χ^2/NDF : 10631.2/22

+ sign -7.899 ± 0.068 χ^2/NDF : 12932.3/27

All: -7.293 ± 0.047 χ^2/NDF : 27639.1/55

- sign -6.757 ± 0.064 χ^2/NDF : 14558.8/27

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -4.768 ± 0.054 χ^2/NDF : 14597.1/19

Left Out: 1.535 ± 0.055 χ^2/NDF : 4816.7/24

Right Out: -5.078 ± 0.057 χ^2/NDF : 22926.0/22

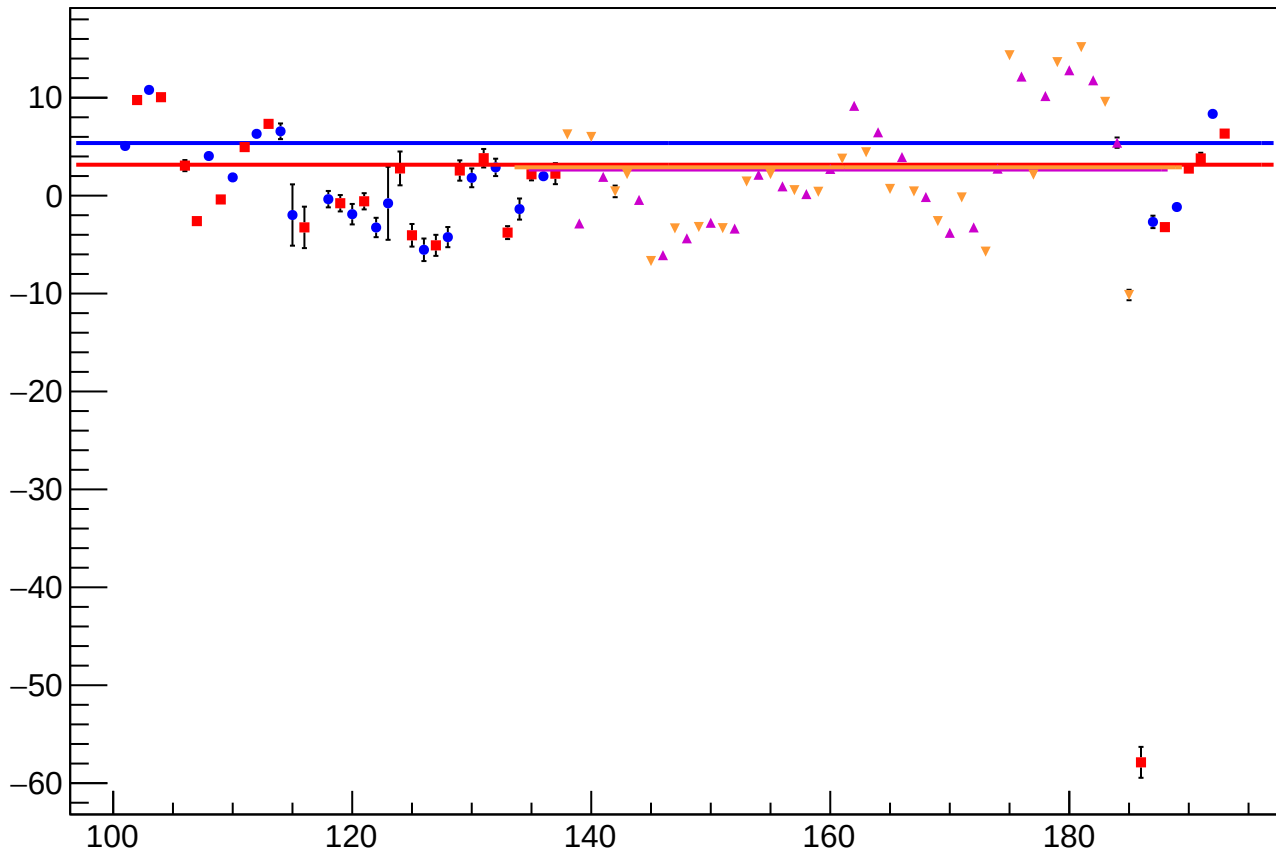
Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

+ sign -1.650 ± 0.038 χ^2/NDF : 26173.6/44

All: -1.655 ± 0.028 χ^2/NDF : 60280.2/90

- sign -1.661 ± 0.040 χ^2/NDF : 34106.5/45

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.370 ± 0.084 χ^2/NDF : 2028.2/19

Left Out: 2.891 ± 0.070 χ^2/NDF : 8889.4/24

Right Out: 3.157 ± 0.076 χ^2/NDF : 6605.3/22

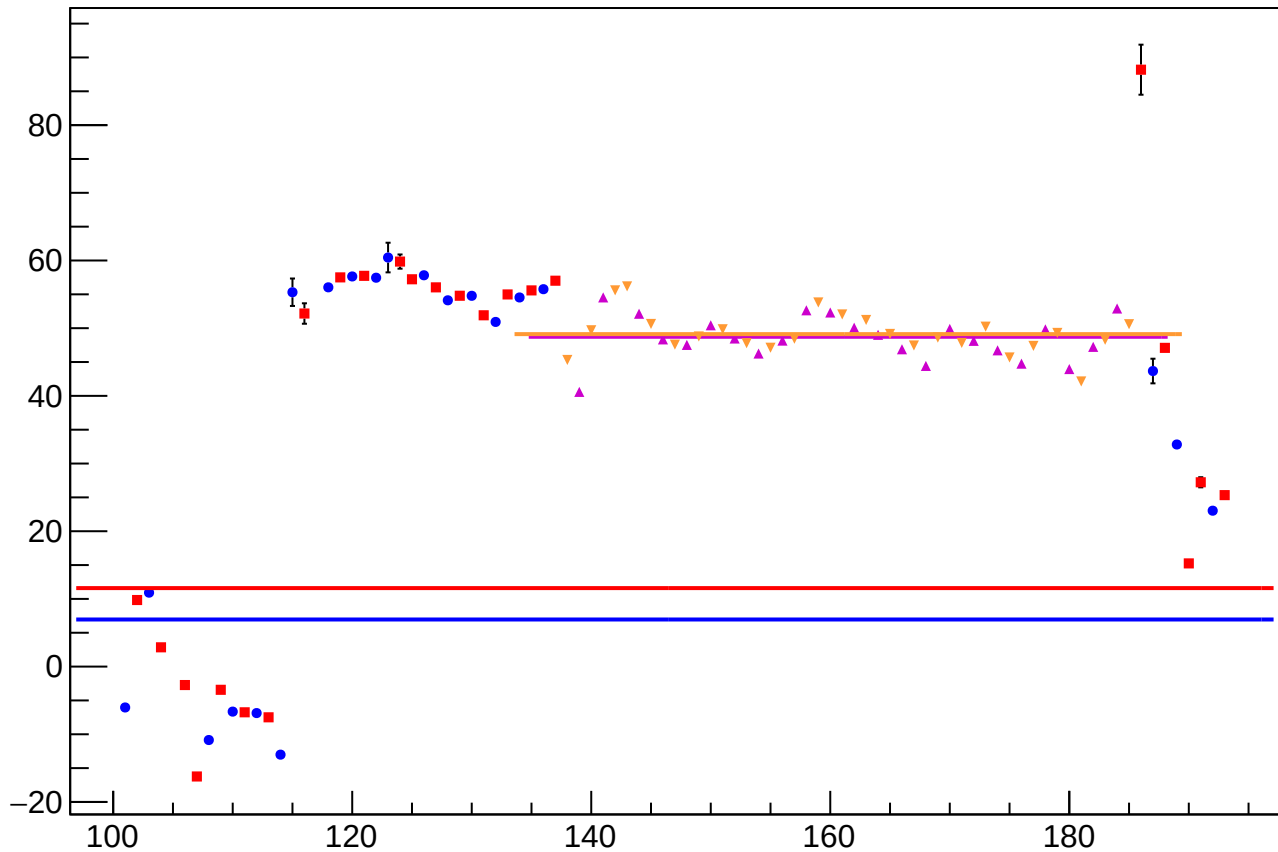
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 3.908 ± 0.054 χ^2/NDF : 11426.5/44

All: 3.381 ± 0.037 χ^2/NDF : 25546.3/90

- sign 2.892 ± 0.052 χ^2/NDF : 13936.5/45

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.958+/-0.064 χ^2/NDF : 126448.6/19

Left Out: 49.121+/-0.062 χ^2/NDF : 2165.4/24

Right Out: 11.597+/-0.068 χ^2/NDF : 131767.5/22

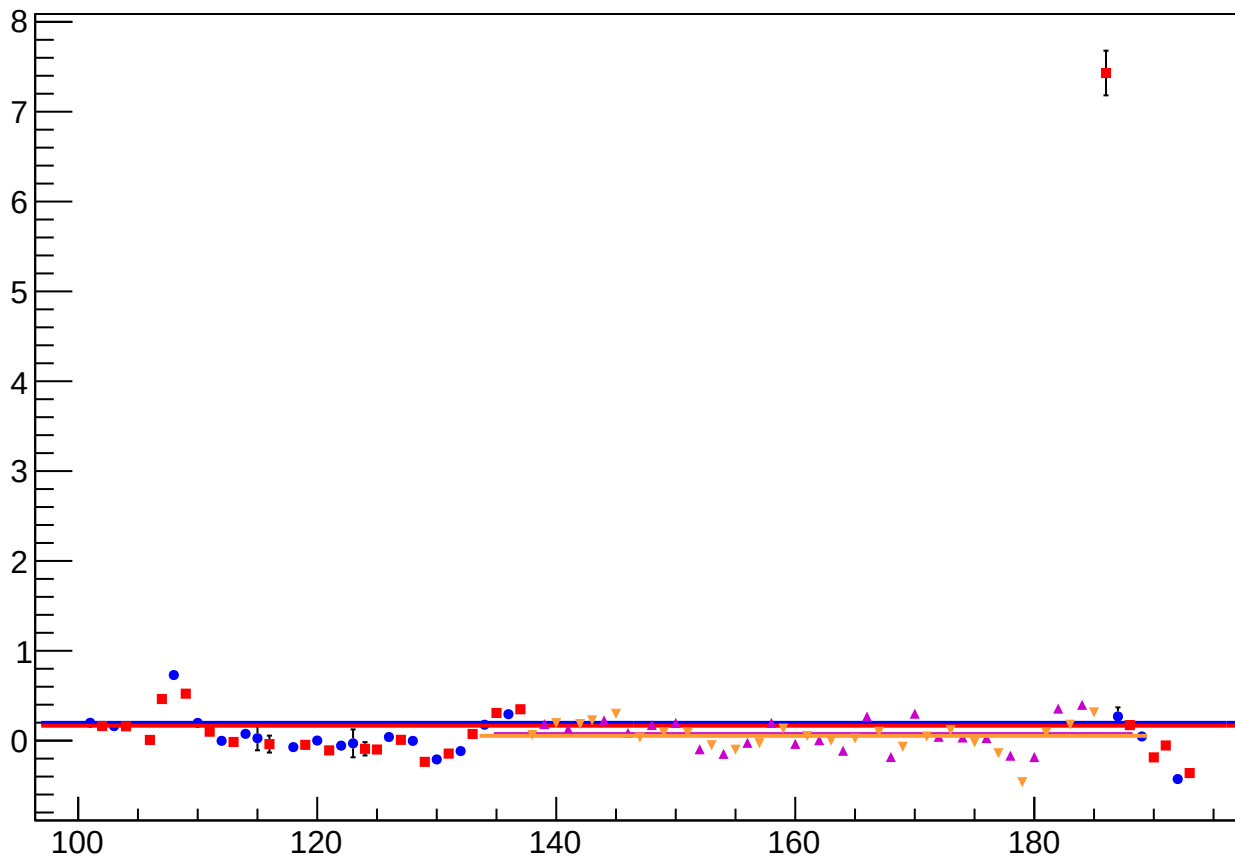
Left In: 48.731+/-0.064 χ^2/NDF : 2117.7/22

+ sign 28.722+/-0.044 χ^2/NDF : 353216.6/44

All: 30.043+/-0.032 χ^2/NDF : 647445.3/90

- sign 31.490+/-0.047 χ^2/NDF : 292378.7/45

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.198 $\pm$ 0.003 χ^2 /NDF: 5213.4/19

Left Out: 0.053 $\pm$ 0.003 χ^2 /NDF: 2369.3/24

Right Out: 0.166 $\pm$ 0.003 χ^2 /NDF: 5212.5/22

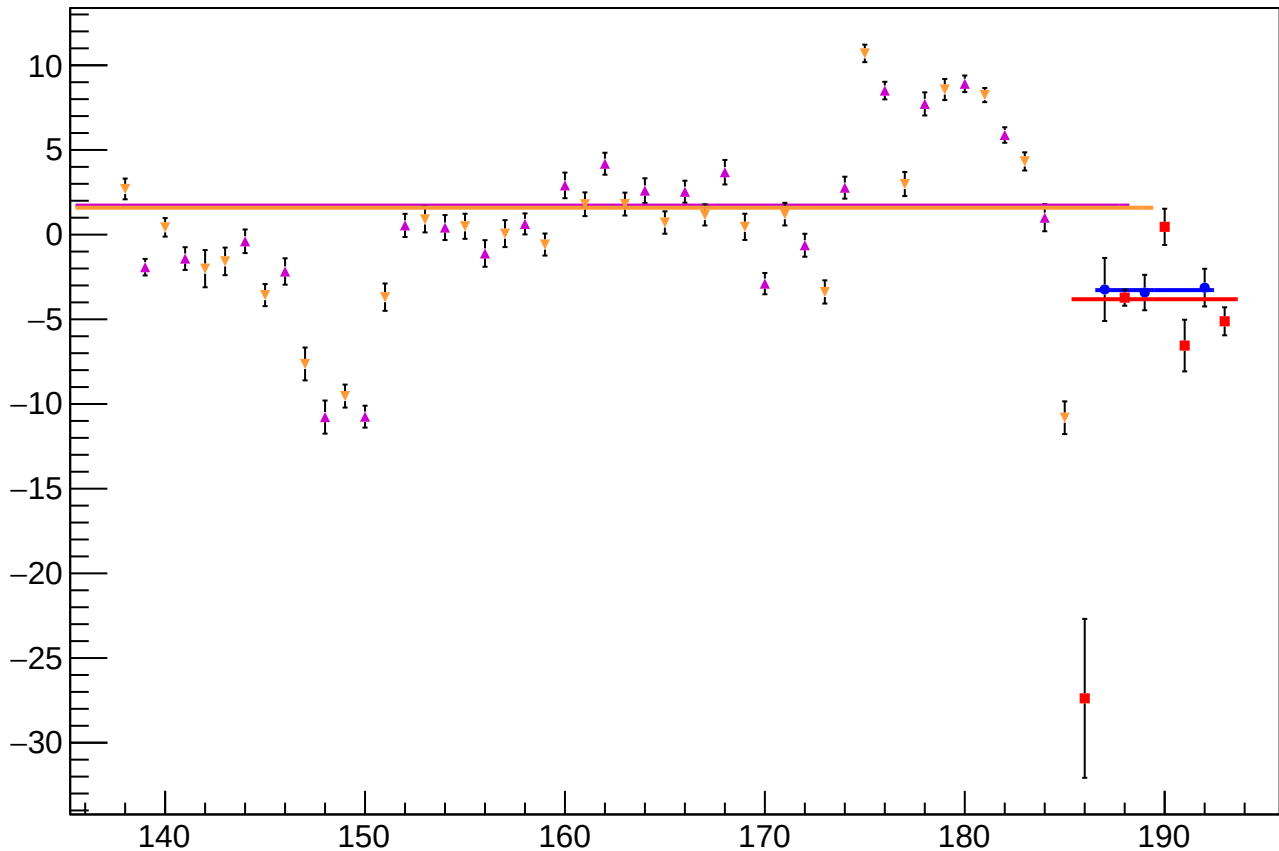
Left In: 0.072 $\pm$ 0.003 χ^2 /NDF: 3272.0/22

+ sign 0.129 $\pm$ 0.002 χ^2 /NDF: 8940.0/44

All: 0.126 $\pm$ 0.001 χ^2 /NDF: 18023.0/90

- sign 0.123 $\pm$ 0.002 χ^2 /NDF: 9078.5/45

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -3.276 ± 0.705 χ^2/NDF : 0.0/2

Left Out: 1.590 ± 0.133 χ^2/NDF : 1457.4/24

Right Out: -3.813 ± 0.373 χ^2/NDF : 47.0/4

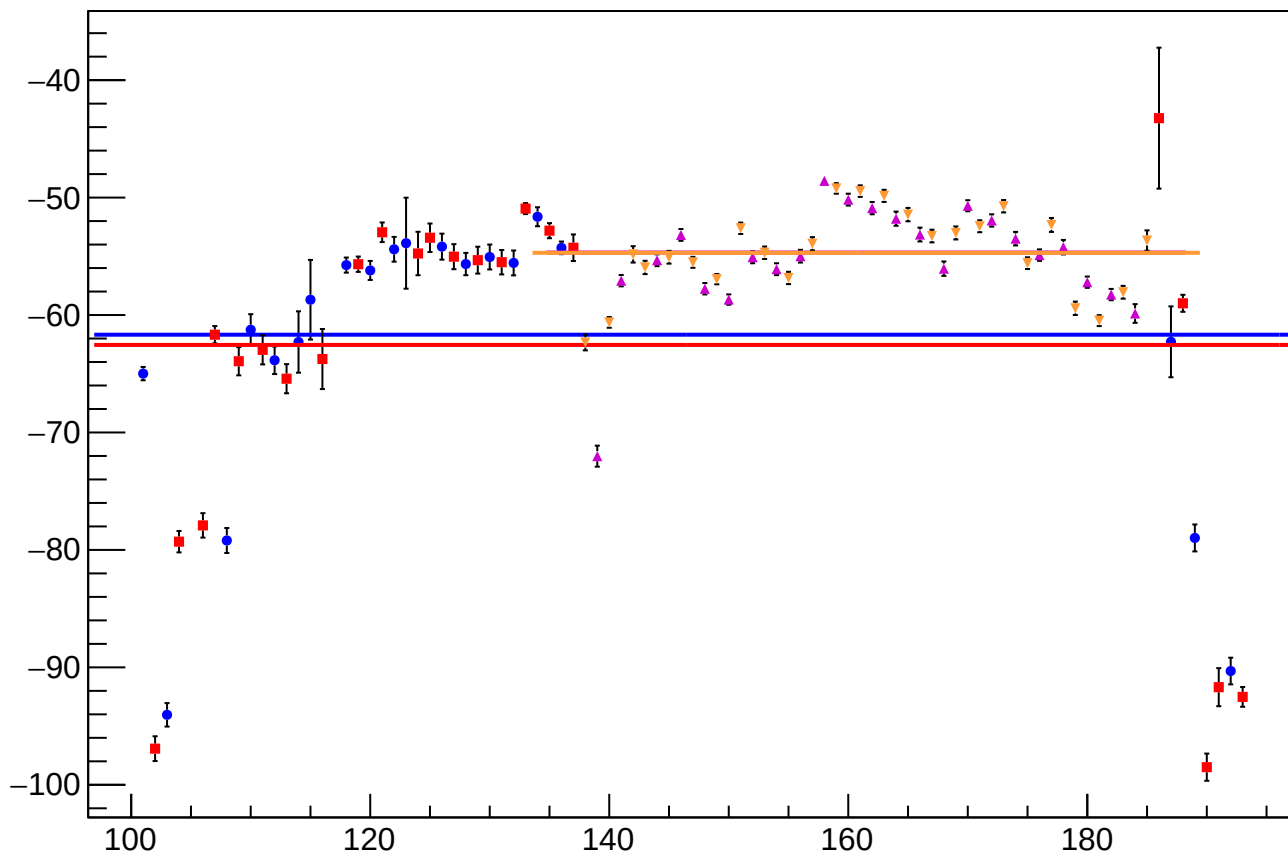
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.423 ± 0.131 χ^2/NDF : 1503.4/27

All: 1.246 ± 0.091 χ^2/NDF : 3062.4/55

- sign 1.081 ± 0.126 χ^2/NDF : 1555.4/27

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -61.676 ± 0.214 χ^2/NDF : 2905.4/19

Left Out: -54.701 ± 0.106 χ^2/NDF : 1124.5/24

Right Out: -62.546 ± 0.194 χ^2/NDF : 5567.6/22

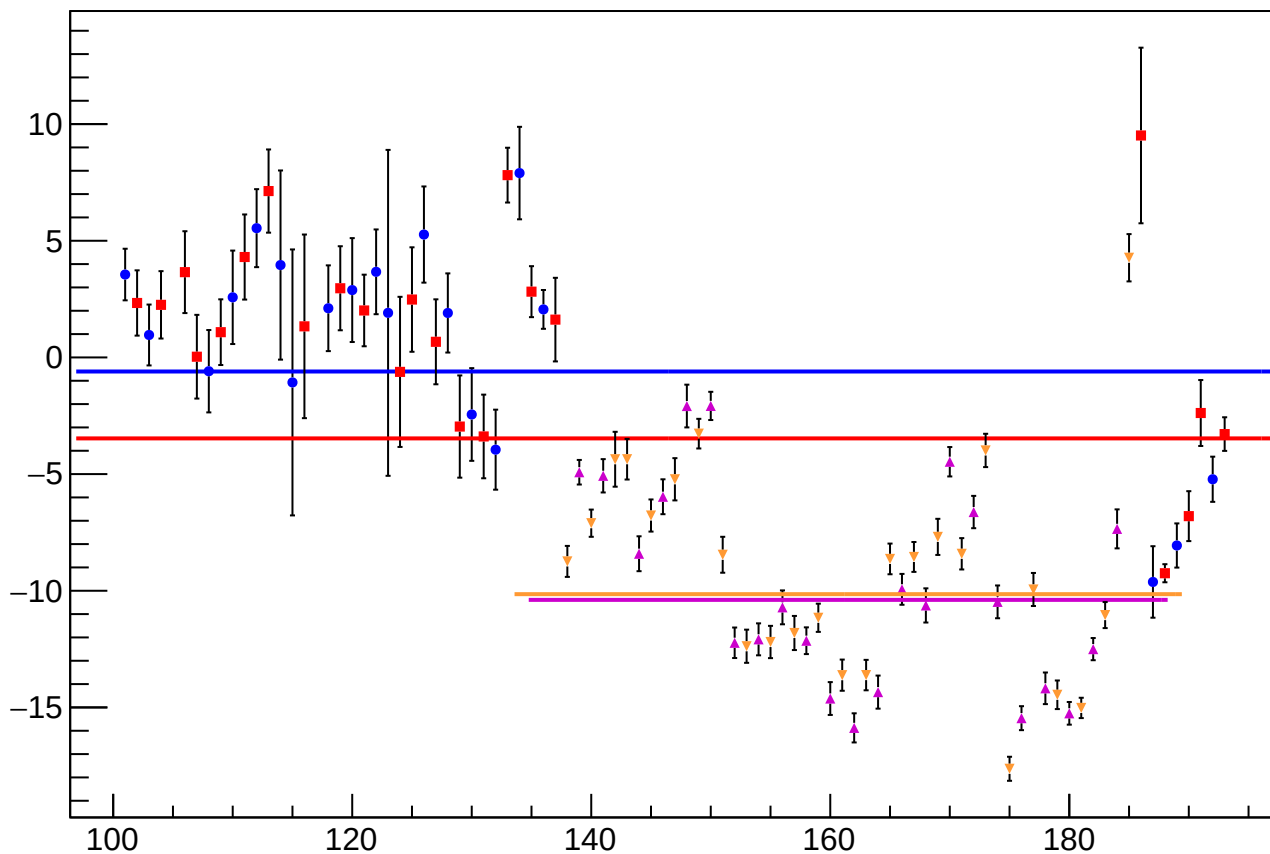
Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

+ sign -56.071 ± 0.095 χ^2/NDF : 4880.4/44

All: -56.323 ± 0.067 χ^2/NDF : 12851.1/90

- sign -56.578 ± 0.095 χ^2/NDF : 7956.5/45

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -0.603 ± 0.338 $\chi^2/\text{NDF}: 206.3/19$

Left Out: -10.146 ± 0.133 $\chi^2/\text{NDF}: 1051.2/24$

Right Out: -3.470 ± 0.246 $\chi^2/\text{NDF}: 535.6/22$

Left In: -10.391 ± 0.134 $\chi^2/\text{NDF}: 1024.8/22$

+ sign -8.868 ± 0.124 $\chi^2/\text{NDF}: 1946.2/44$

All: -8.837 ± 0.085 $\chi^2/\text{NDF}: 4118.8/90$

- sign -8.808 ± 0.117 $\chi^2/\text{NDF}: 2172.5/45$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -30.993 ± 0.246 $\chi^2/\text{NDF}: 5544.1/19$

Left Out: -37.983 ± 0.119 $\chi^2/\text{NDF}: 936.9/24$

Right Out: -29.305 ± 0.228 $\chi^2/\text{NDF}: 8494.6/22$

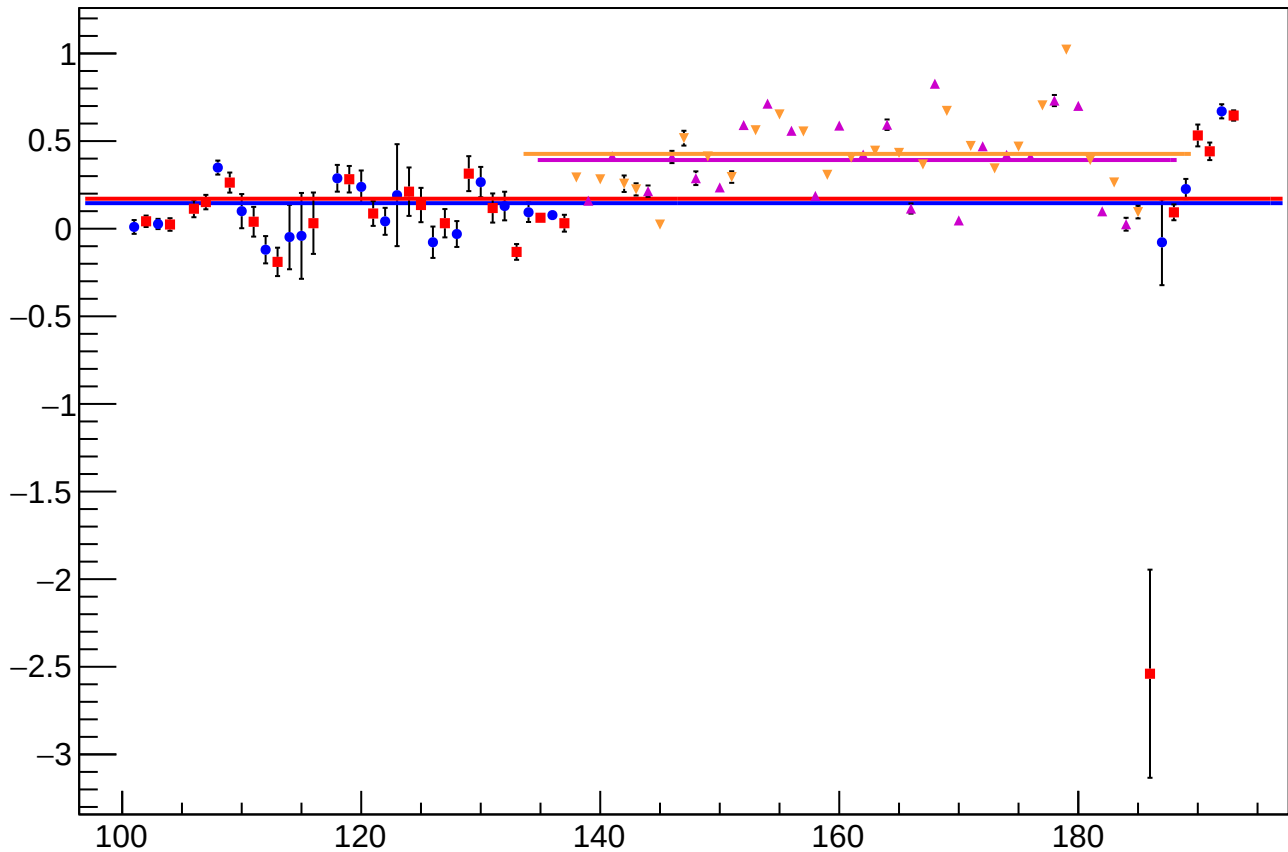
Left In: -37.784 ± 0.122 $\chi^2/\text{NDF}: 1079.7/22$

+ sign -36.658 ± 0.107 $\chi^2/\text{NDF}: 7135.2/44$

All: -36.277 ± 0.076 $\chi^2/\text{NDF}: 17813.0/90$

- sign -35.894 ± 0.107 $\chi^2/\text{NDF}: 10652.5/45$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.146 ± 0.012 χ^2/NDF : 269.3/19

Left Out: 0.427 ± 0.005 χ^2/NDF : 1293.3/24

Right Out: 0.171 ± 0.011 χ^2/NDF : 486.2/22

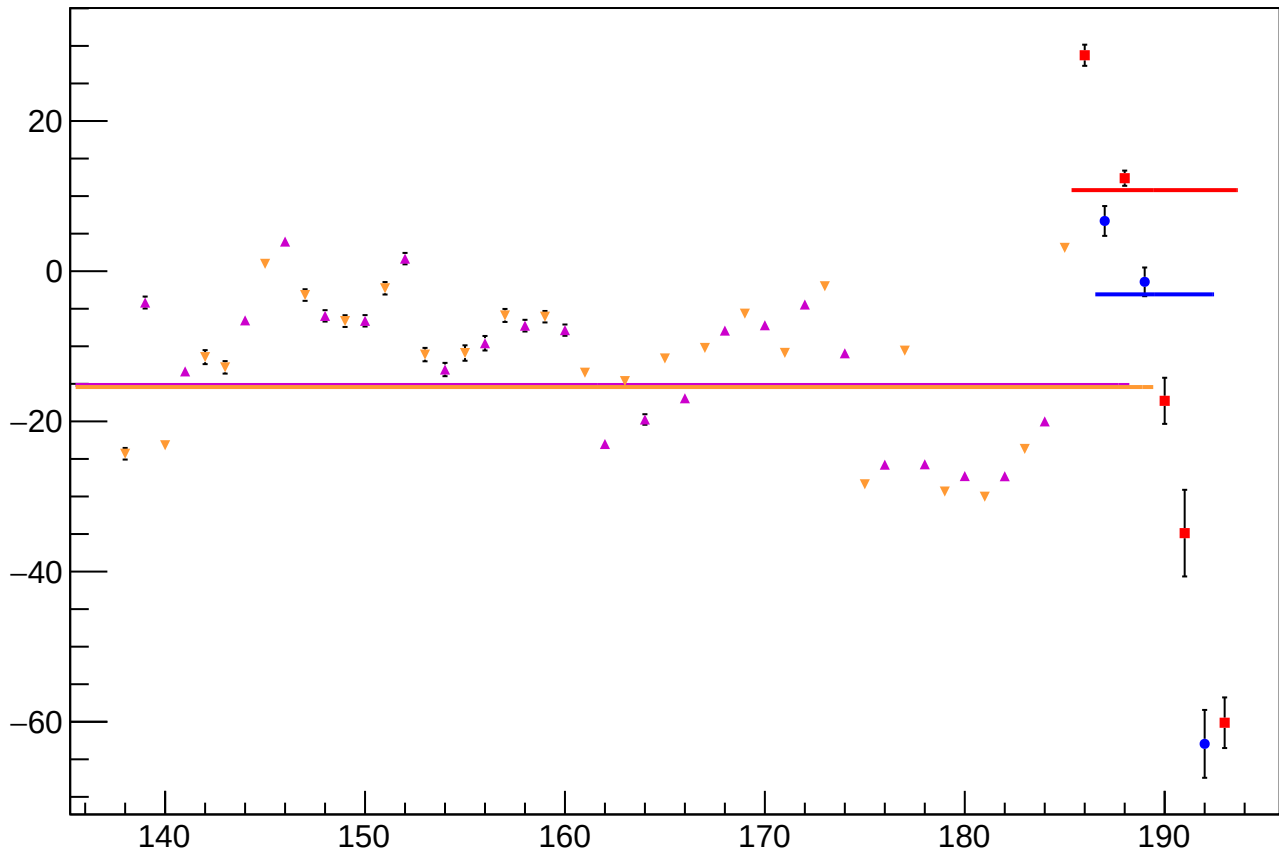
Left In: 0.392 ± 0.005 χ^2/NDF : 1835.6/22

+ sign 0.379 ± 0.005 χ^2/NDF : 2028.8/44

All: 0.362 ± 0.003 χ^2/NDF : 4720.4/90

- sign 0.346 ± 0.005 χ^2/NDF : 2669.2/45

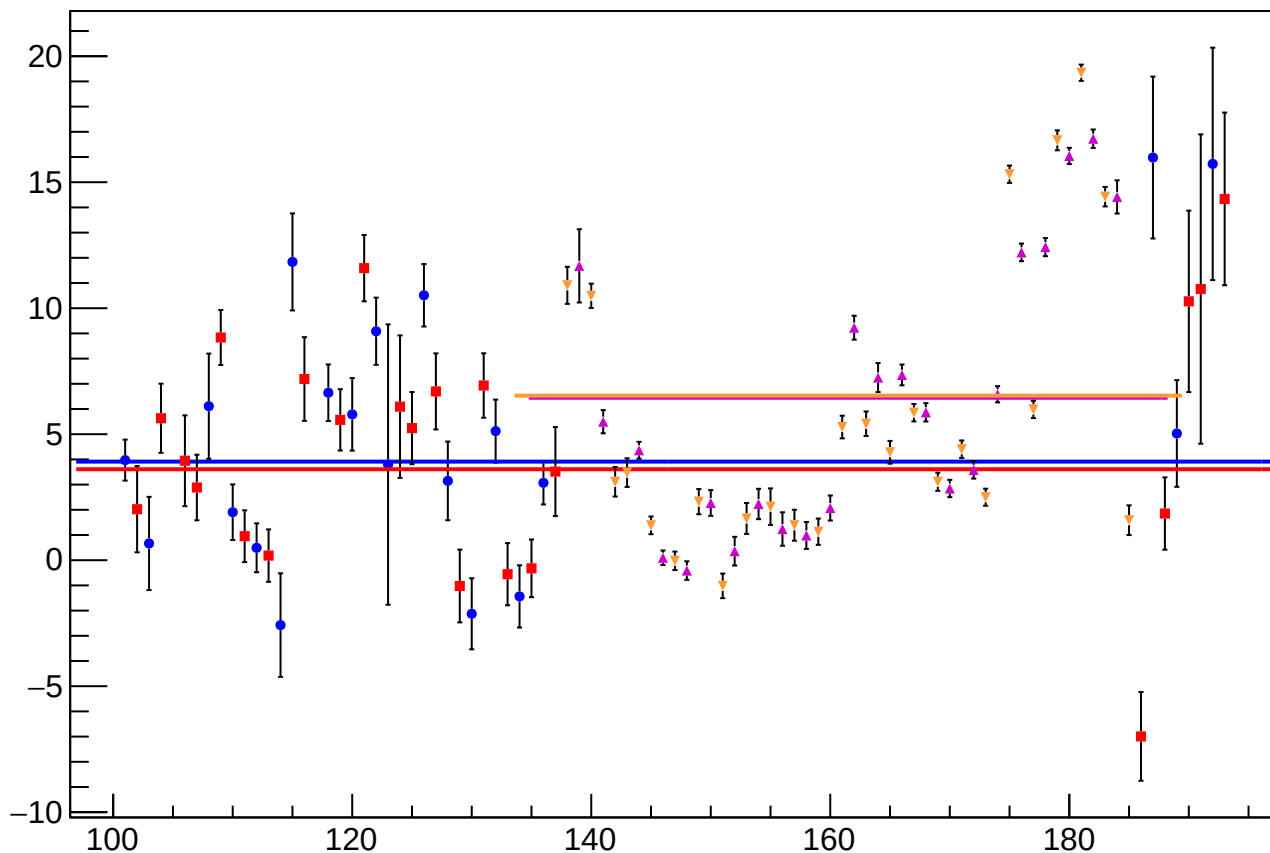
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -3.084 ± 1.318 $\chi^2/\text{NDF}: 200.5/2$
 Left Out: -15.427 ± 0.105 $\chi^2/\text{NDF}: 10499.6/24$
 Right Out: 10.795 ± 0.766 $\chi^2/\text{NDF}: 753.6/4$
 Left In: -15.151 ± 0.106 $\chi^2/\text{NDF}: 8744.3/22$

+ sign -15.349 ± 0.105 $\chi^2/\text{NDF}: 10787.3/27$
 All: -15.006 ± 0.074 $\chi^2/\text{NDF}: 21431.0/55$
 - sign -14.662 ± 0.105 $\chi^2/\text{NDF}: 10622.3/27$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.912 ± 0.303 $\chi^2/\text{NDF}: 158.1/19$

Left Out: 6.531 ± 0.086 $\chi^2/\text{NDF}: 4969.5/24$

Right Out: 3.610 ± 0.302 $\chi^2/\text{NDF}: 186.7/22$

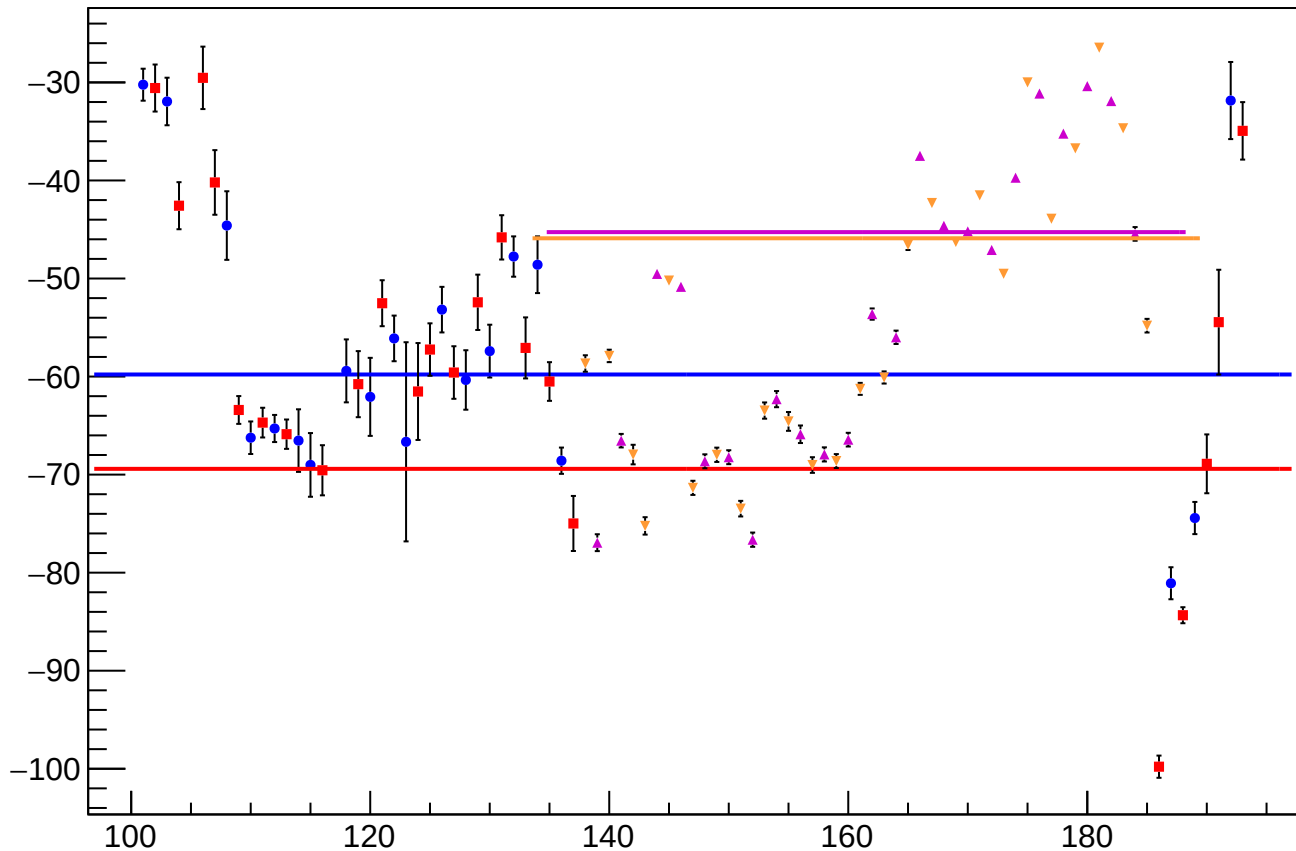
Left In: 6.448 ± 0.086 $\chi^2/\text{NDF}: 3955.6/22$

+ sign 6.338 ± 0.082 $\chi^2/\text{NDF}: 5196.7/44$

All: 6.287 ± 0.058 $\chi^2/\text{NDF}: 9421.6/90$

- sign 6.236 ± 0.083 $\chi^2/\text{NDF}: 4224.2/45$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -59.789 ± 0.487 $\chi^2/\text{NDF}: 927.0/19$

Left Out: -45.897 ± 0.106 $\chi^2/\text{NDF}: 17133.8/24$

Right Out: -69.412 ± 0.408 $\chi^2/\text{NDF}: 2136.4/22$

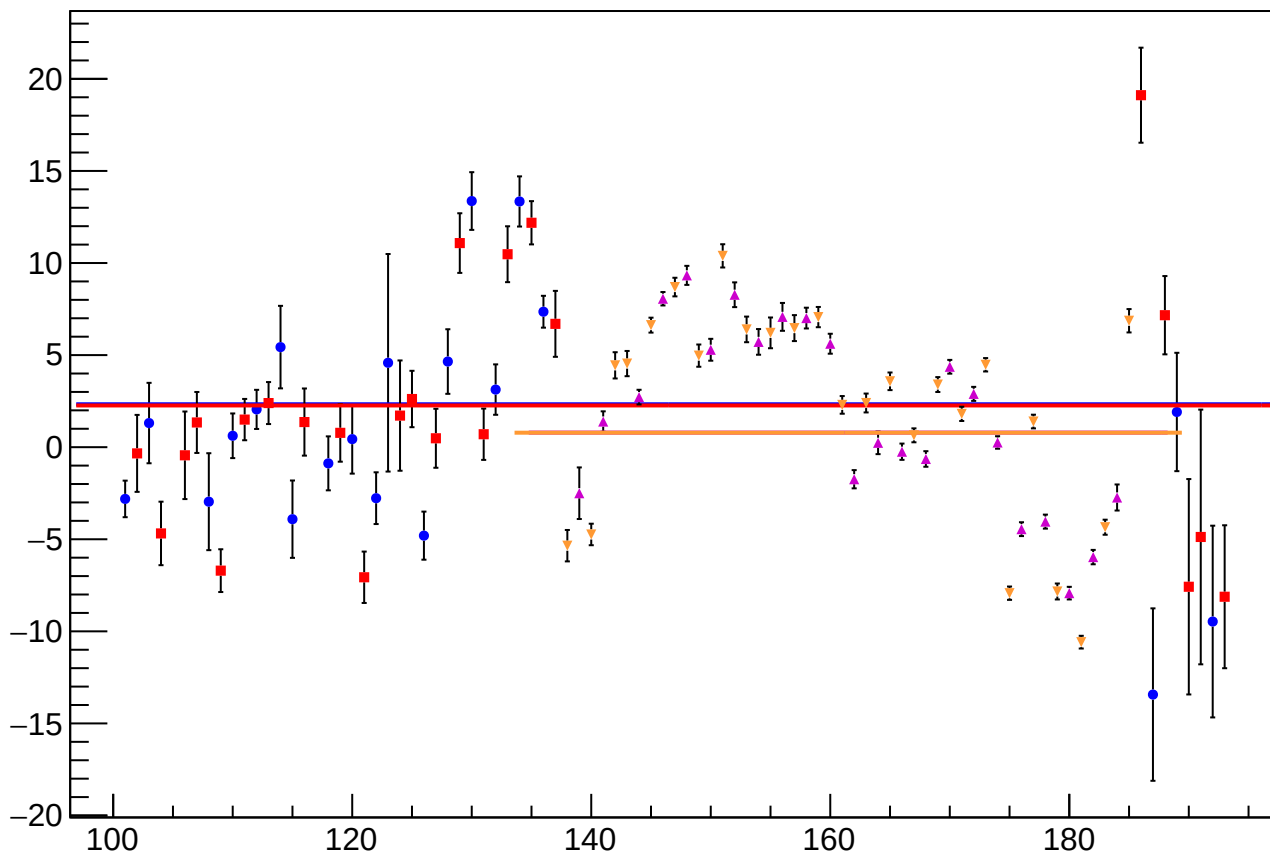
Left In: -45.268 ± 0.107 $\chi^2/\text{NDF}: 15775.7/22$

+ sign -46.529 ± 0.104 $\chi^2/\text{NDF}: 18837.4/44$

All: -46.674 ± 0.073 $\chi^2/\text{NDF}: 40032.6/90$

- sign -46.816 ± 0.103 $\chi^2/\text{NDF}: 21191.3/45$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.330 ± 0.342 χ^2/NDF : 260.2/19

Left Out: 0.787 ± 0.096 χ^2/NDF : 3746.7/24

Right Out: 2.266 ± 0.345 χ^2/NDF : 323.4/22

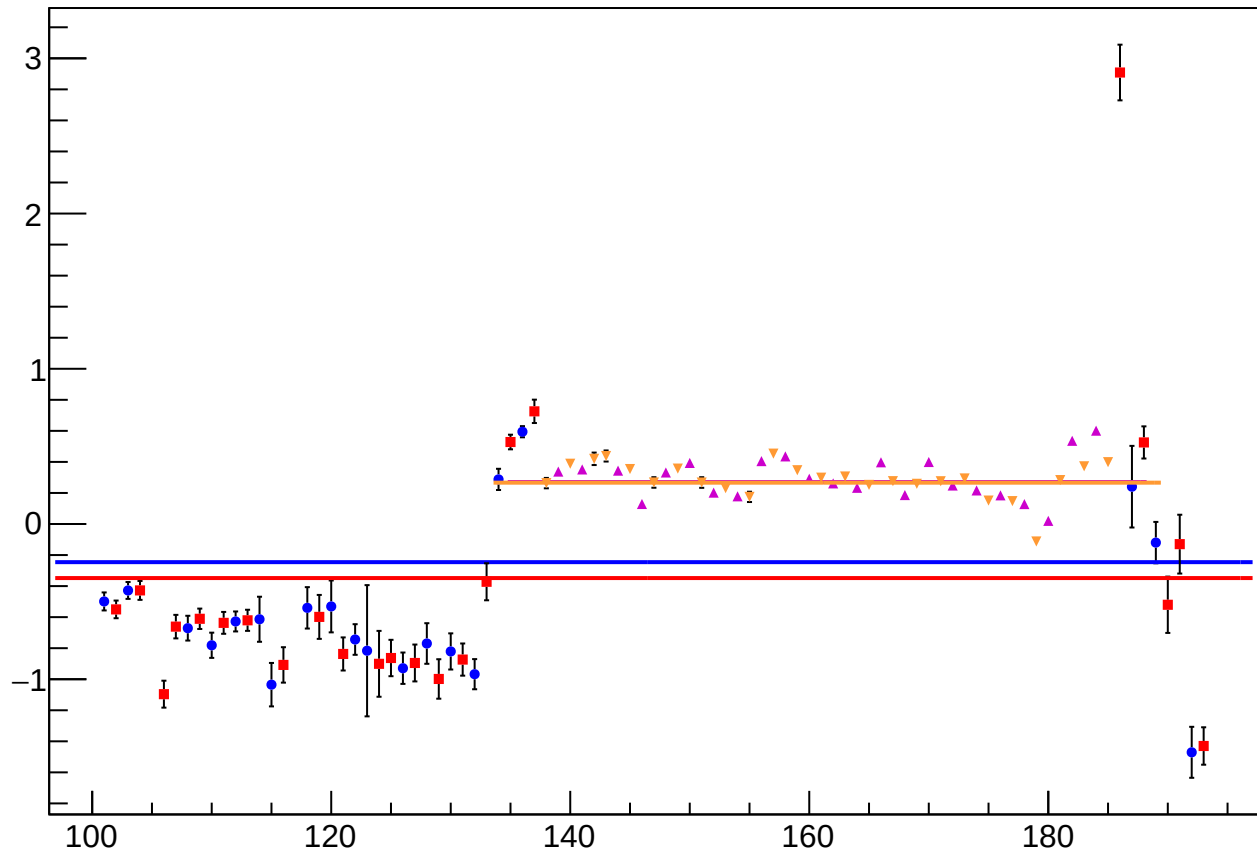
Left In: 0.791 ± 0.096 χ^2/NDF : 2697.7/22

+ sign 0.899 ± 0.092 χ^2/NDF : 4025.9/44

All: 0.898 ± 0.065 χ^2/NDF : 7064.0/90

- sign 0.898 ± 0.093 χ^2/NDF : 3038.1/45

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.246 ± 0.019 $\chi^2/\text{NDF}: 1018.7/19$

Left Out: 0.266 ± 0.004 $\chi^2/\text{NDF}: 698.1/24$

Right Out: -0.348 ± 0.018 $\chi^2/\text{NDF}: 1335.2/22$

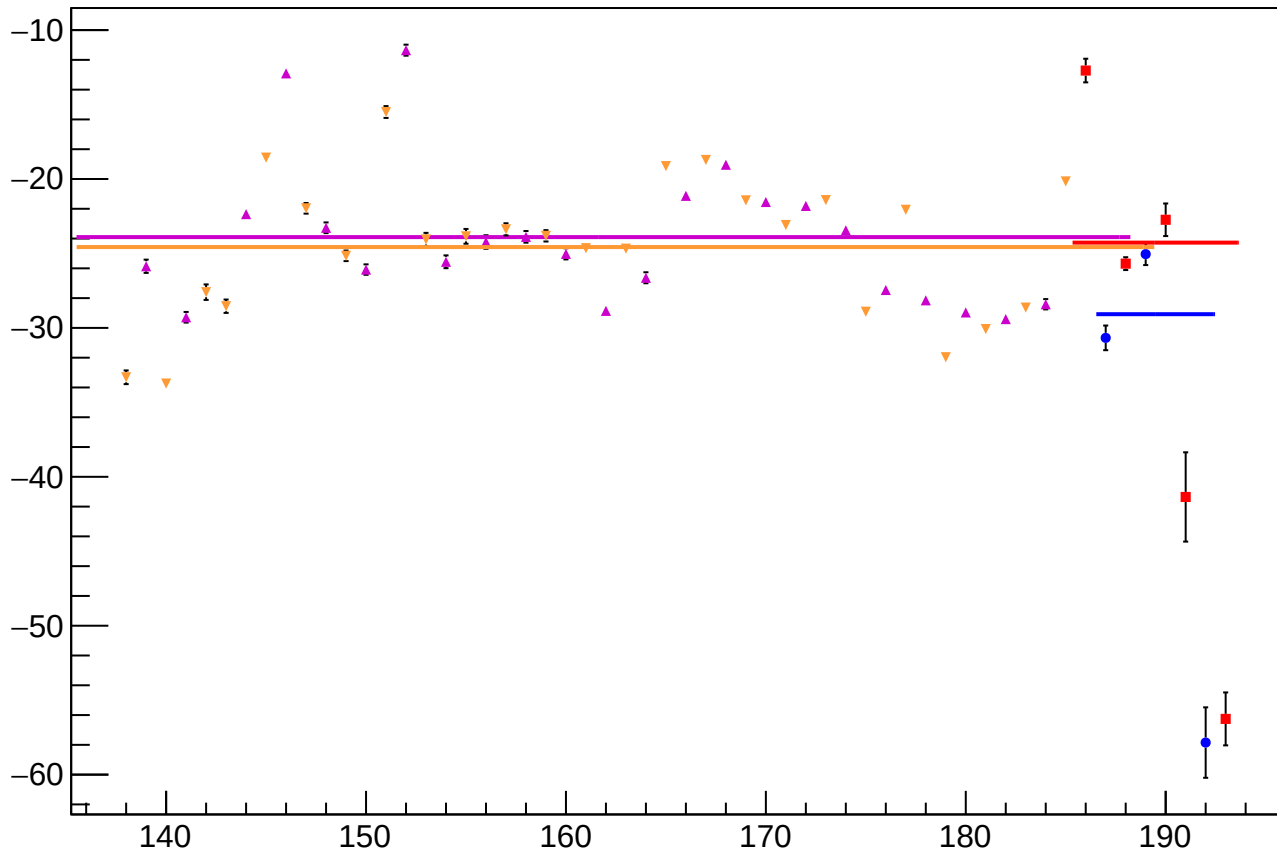
Left In: 0.270 ± 0.004 $\chi^2/\text{NDF}: 973.5/22$

+ sign 0.239 ± 0.004 $\chi^2/\text{NDF}: 2441.2/44$

All: 0.238 ± 0.003 $\chi^2/\text{NDF}: 5842.3/90$

- sign 0.236 ± 0.004 $\chi^2/\text{NDF}: 3400.7/45$

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -29.079 ± 0.535 $\chi^2/\text{NDF}: 181.6/2$

Left Out: -24.571 ± 0.051 $\chi^2/\text{NDF}: 8610.0/24$

Right Out: -24.273 ± 0.348 $\chi^2/\text{NDF}: 580.8/4$

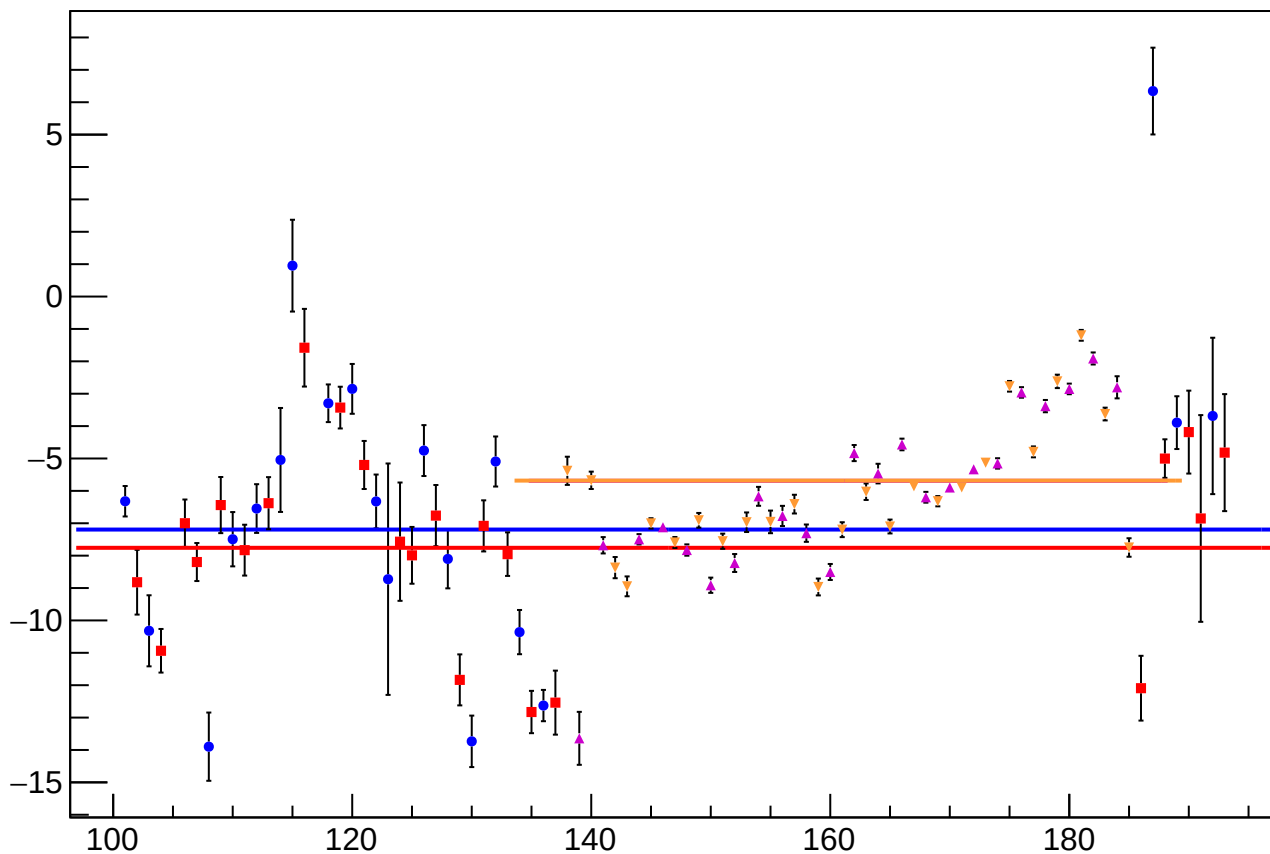
Left In: -23.902 ± 0.051 $\chi^2/\text{NDF}: 9158.9/22$

+ sign -24.612 ± 0.051 $\chi^2/\text{NDF}: 8861.8/27$

All: -24.258 ± 0.036 $\chi^2/\text{NDF}: 18699.1/55$

- sign -23.910 ± 0.050 $\chi^2/\text{NDF}: 9740.9/27$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.194 ± 0.179 $\chi^2/\text{NDF}: 520.2/19$

Left Out: -5.683 ± 0.041 $\chi^2/\text{NDF}: 2231.0/24$

Right Out: -7.758 ± 0.172 $\chi^2/\text{NDF}: 277.1/22$

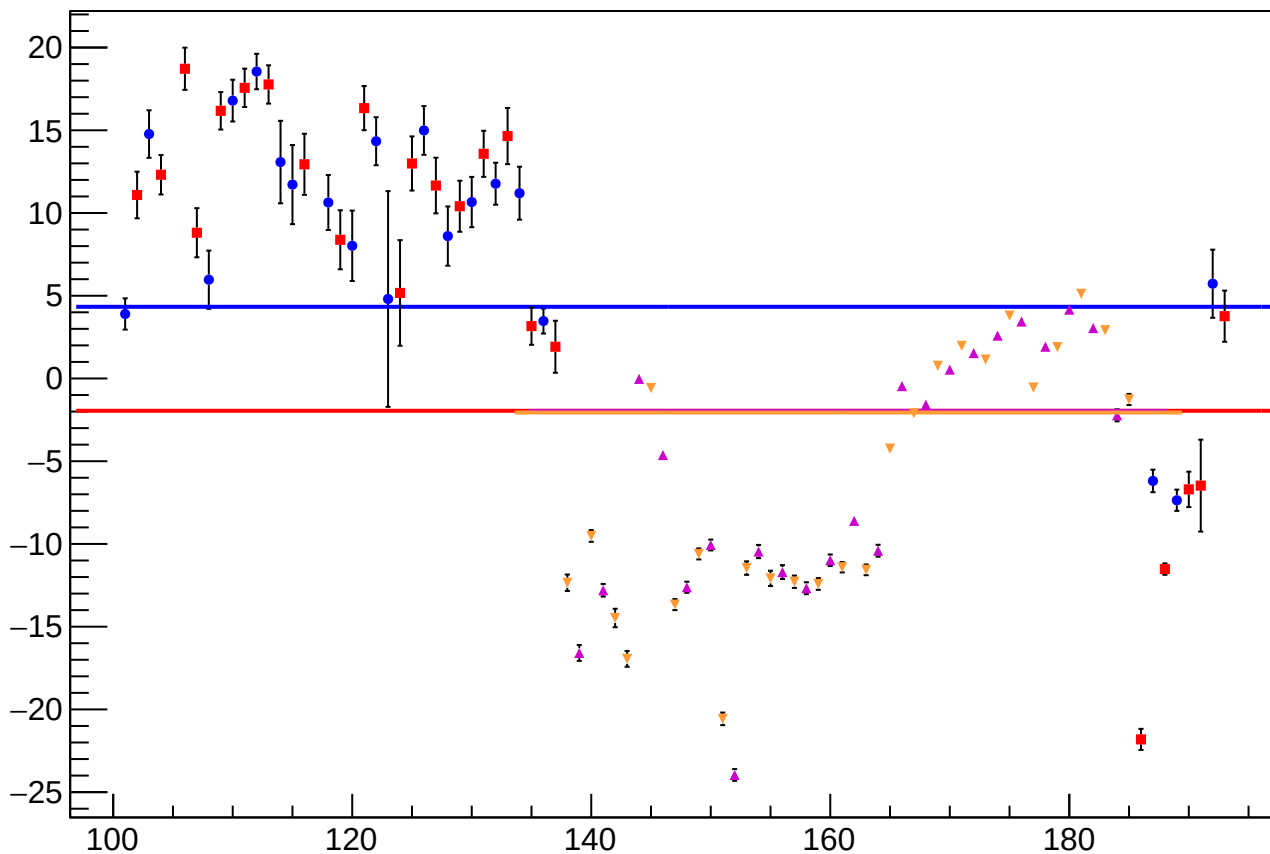
Left In: -5.690 ± 0.041 $\chi^2/\text{NDF}: 2328.2/22$

+ sign -5.759 ± 0.040 $\chi^2/\text{NDF}: 2818.9/44$

All: -5.779 ± 0.028 $\chi^2/\text{NDF}: 5561.5/90$

- sign -5.799 ± 0.040 $\chi^2/\text{NDF}: 2742.1/45$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 4.332 ± 0.271 χ^2/NDF : 1113.9/19

Left Out: -2.055 ± 0.051 χ^2/NDF : 16042.5/24

Right Out: -1.951 ± 0.217 χ^2/NDF : 3897.1/22

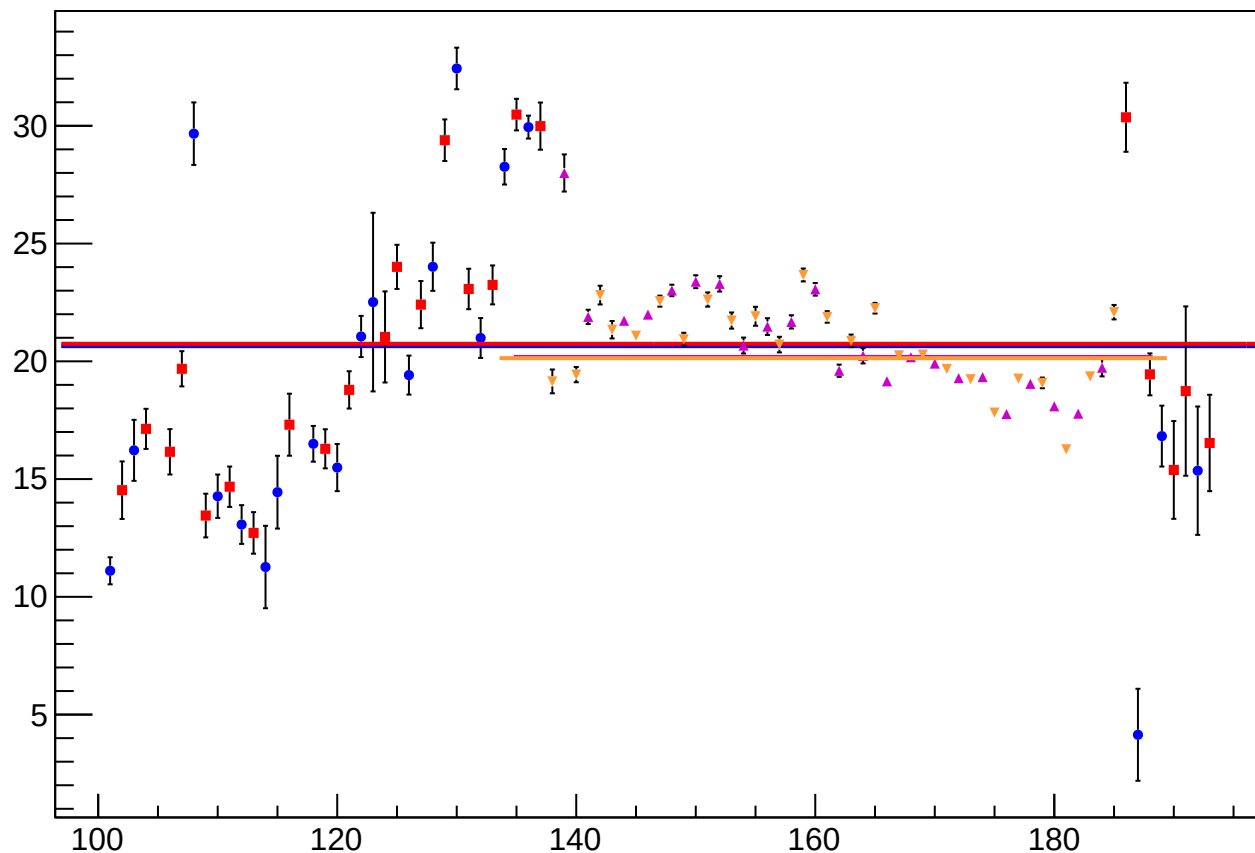
Left In: -1.963 ± 0.051 χ^2/NDF : 15492.9/22

+ sign -1.833 ± 0.051 χ^2/NDF : 17693.0/44

All: -1.899 ± 0.035 χ^2/NDF : 37086.3/90

- sign -1.962 ± 0.050 χ^2/NDF : 19390.0/45

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.644 $\pm$ 0.205 χ^2 /NDF: 1311.7/19

Left Out: 20.136 $\pm$ 0.046 χ^2 /NDF: 1414.2/24

Right Out: 20.745 $\pm$ 0.203 χ^2 /NDF: 784.7/22

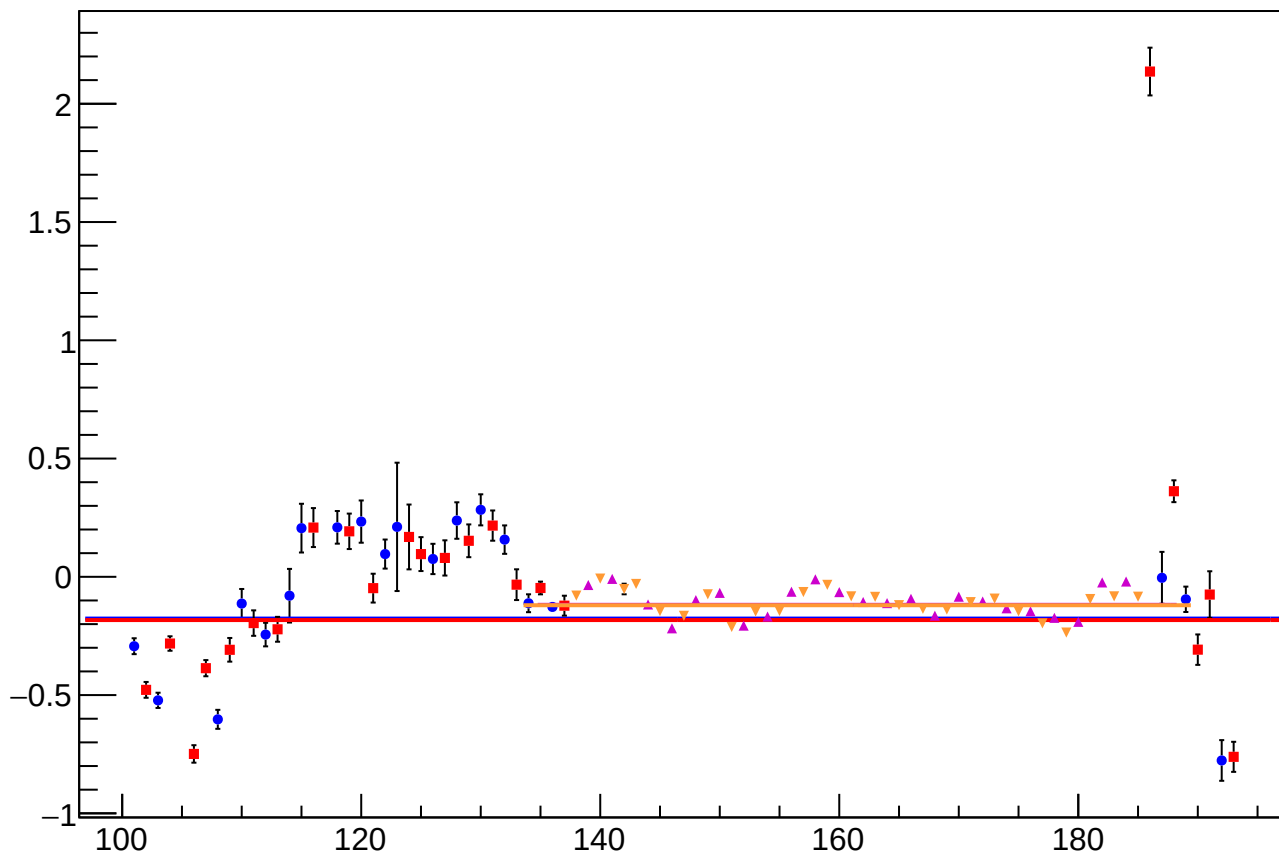
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

+ sign 20.160 $\pm$ 0.045 χ^2 /NDF: 2731.8/44

All: 20.186 $\pm$ 0.032 χ^2 /NDF: 4995.1/90

- sign 20.211 $\pm$ 0.045 χ^2 /NDF: 2262.7/45

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.011 χ^2/NDF : 517.8/19

Left Out: -0.120 ± 0.002 χ^2/NDF : 532.4/24

Right Out: -0.183 ± 0.010 χ^2/NDF : 1301.9/22

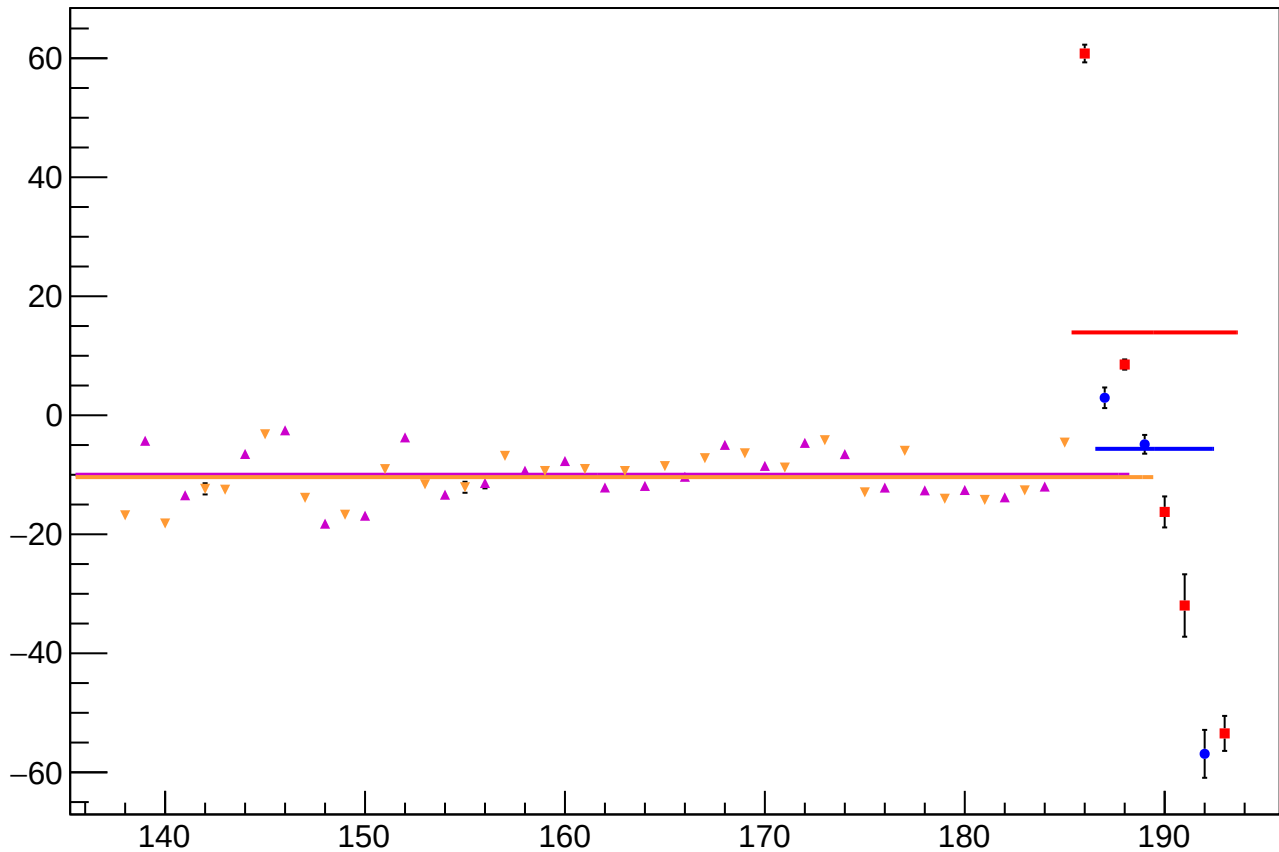
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.122 ± 0.002 χ^2/NDF : 1076.5/44

All: -0.122 ± 0.001 χ^2/NDF : 3143.7/90

- sign -0.121 ± 0.002 χ^2/NDF : 2067.1/45

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -5.638 ± 1.120 χ^2/NDF : 187.0/2

Left Out: -10.392 ± 0.088 χ^2/NDF : 2112.5/24

Right Out: 13.924 ± 0.689 χ^2/NDF : 1768.9/4

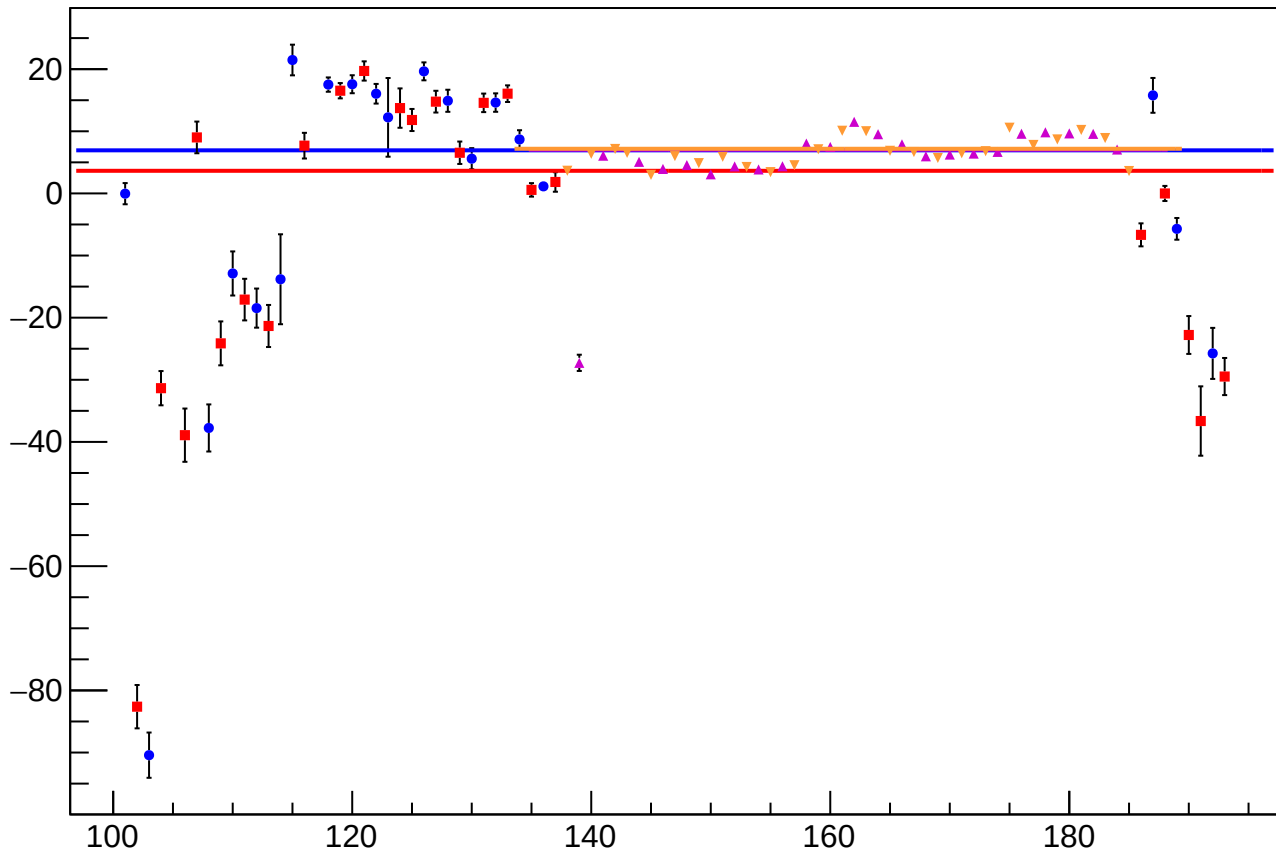
Left In: -9.990 ± 0.089 χ^2/NDF : 1794.2/22

+ sign -10.363 ± 0.088 χ^2/NDF : 2317.4/27

All: -9.983 ± 0.062 χ^2/NDF : 7103.3/55

- sign -9.596 ± 0.088 χ^2/NDF : 4748.0/27

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 6.934 $\pm$ 0.387 χ^2 /NDF: 1488.0/19

Left Out: 7.187 $\pm$ 0.074 χ^2 /NDF: 916.3/24

Right Out: 3.639 $\pm$ 0.392 χ^2 /NDF: 1764.1/22

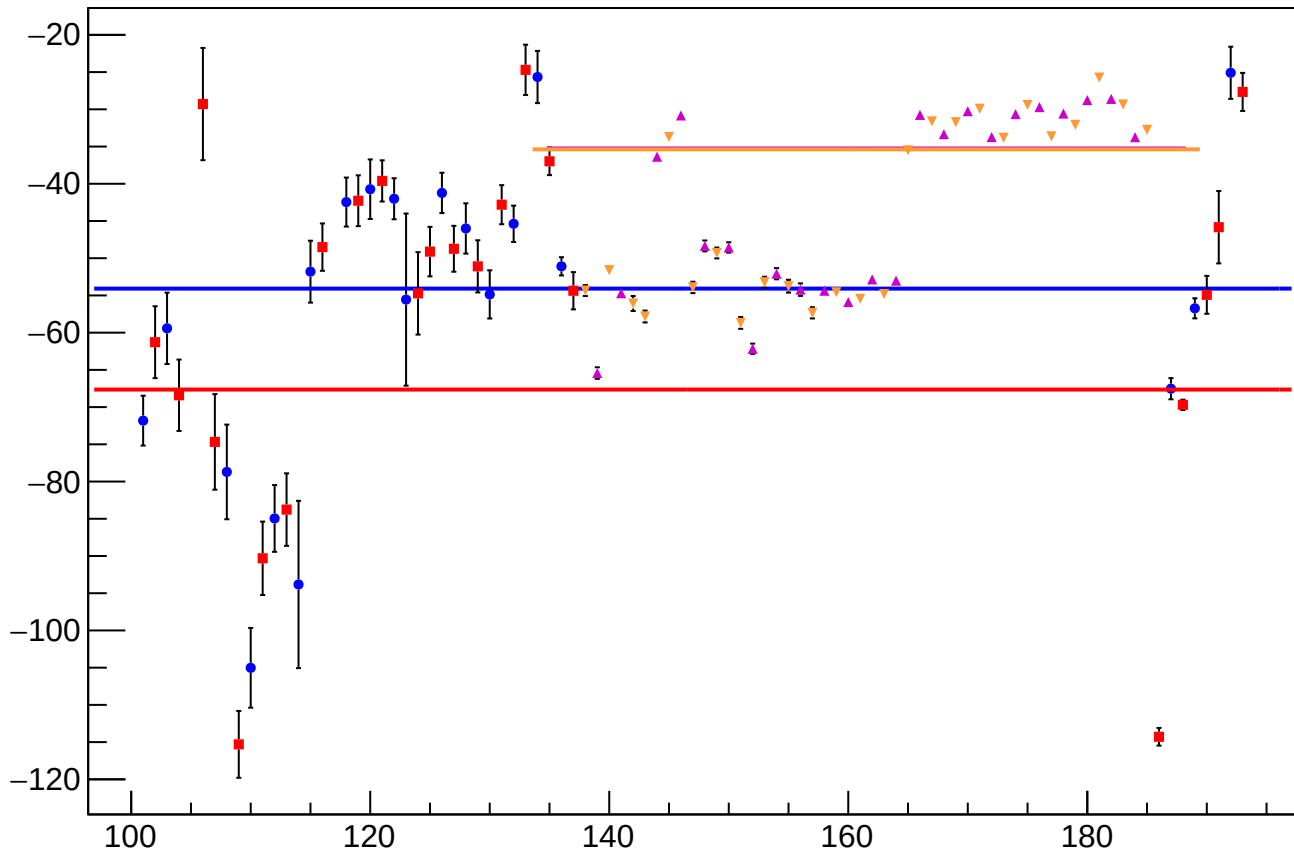
Left In: 7.043 $\pm$ 0.074 χ^2 /NDF: 1604.6/22

+ sign 7.178 $\pm$ 0.072 χ^2 /NDF: 2404.7/44

All: 7.053 $\pm$ 0.051 χ^2 /NDF: 5852.3/90

- sign 6.926 $\pm$ 0.073 χ^2 /NDF: 3441.6/45

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -54.081 ± 0.581 χ^2/NDF : 512.0/19

Left Out: -35.377 ± 0.089 χ^2/NDF : 12628.3/24

Right Out: -67.644 ± 0.461 χ^2/NDF : 2855.1/22

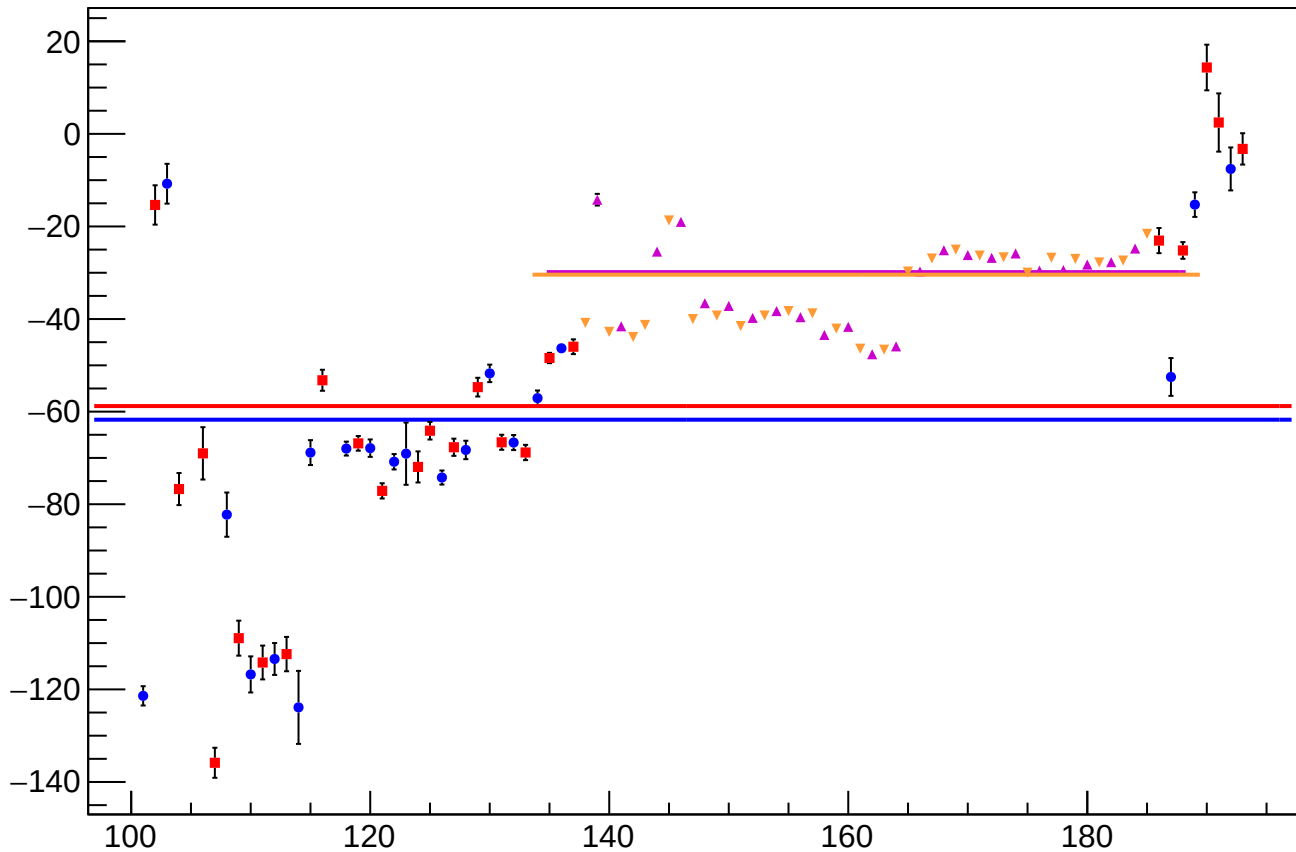
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.806 ± 0.088 χ^2/NDF : 14152.7/44

All: -36.125 ± 0.062 χ^2/NDF : 33563.9/90

- sign -36.445 ± 0.088 χ^2/NDF : 19385.0/45

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -61.741 ± 0.435 χ^2/NDF : 2480.4/19

Left Out: -30.415 ± 0.082 χ^2/NDF : 8132.2/24

Right Out: -58.798 ± 0.452 χ^2/NDF : 2836.1/22

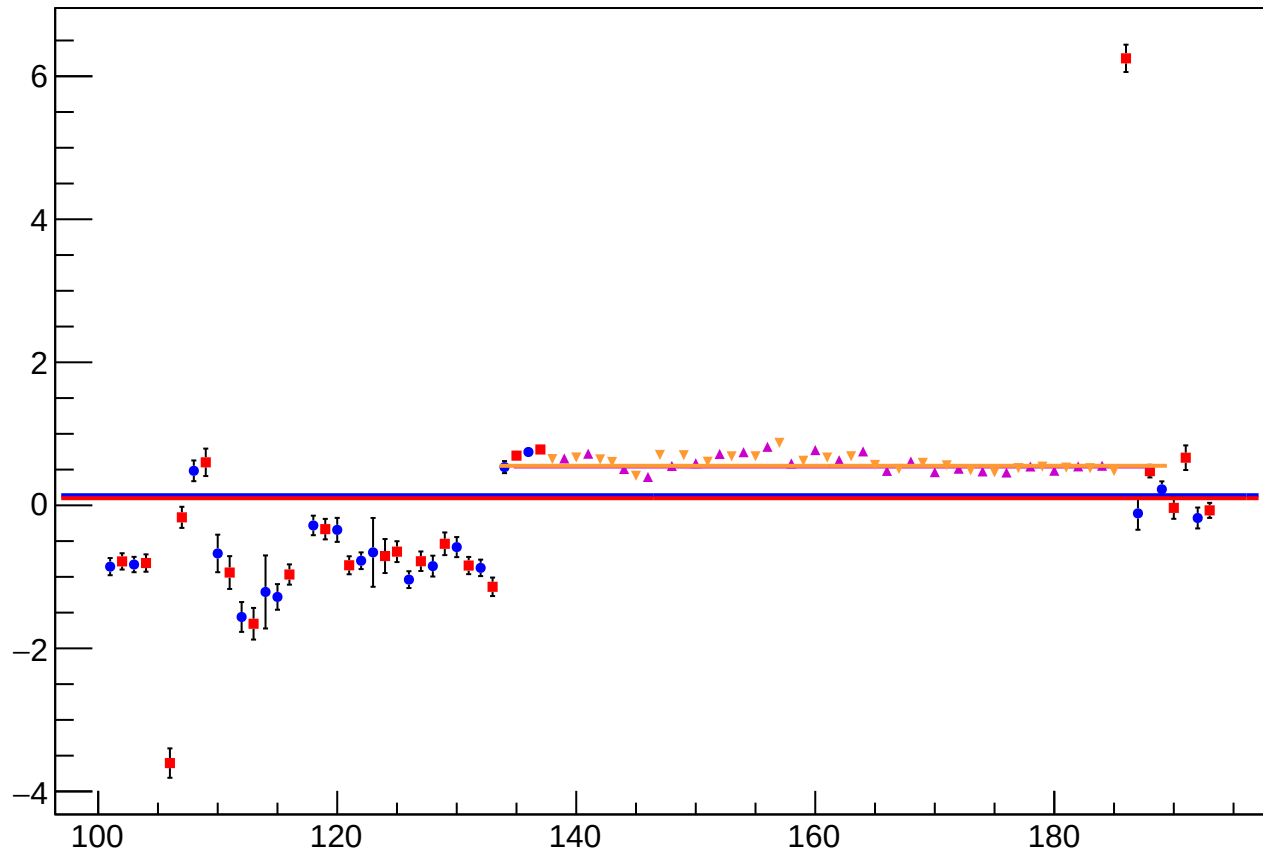
Left In: -29.863 ± 0.082 χ^2/NDF : 7145.9/22

+ sign -31.481 ± 0.080 χ^2/NDF : 15627.0/44

All: -31.139 ± 0.057 χ^2/NDF : 29607.7/90

- sign -30.789 ± 0.081 χ^2/NDF : 13943.8/45

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.141 $\pm$ 0.023 χ^2 /NDF: 996.5/19

Left Out: 0.553 $\pm$ 0.004 χ^2 /NDF: 542.9/24

Right Out: 0.100 $\pm$ 0.024 χ^2 /NDF: 2251.4/22

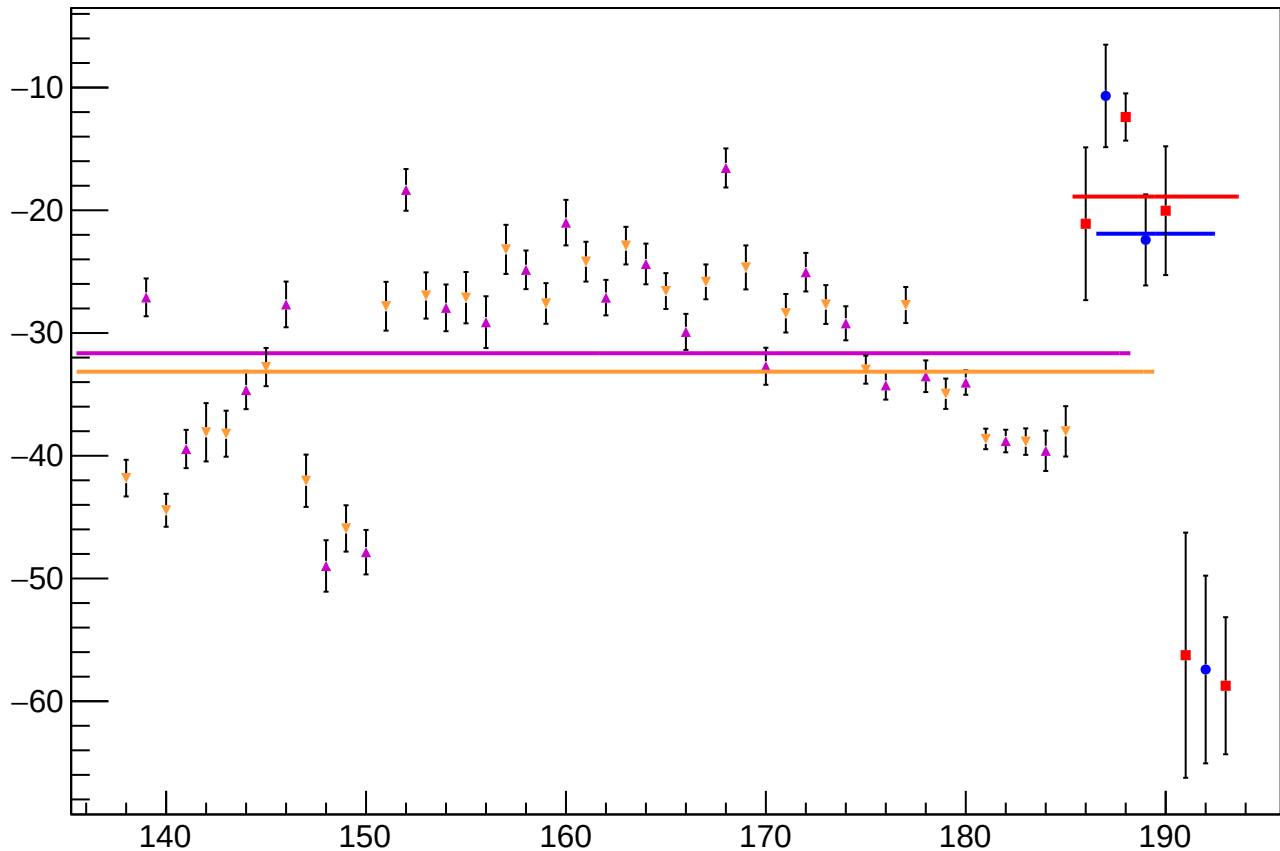
Left In: 0.544 $\pm$ 0.004 χ^2 /NDF: 659.2/22

+ sign 0.542 $\pm$ 0.004 χ^2 /NDF: 1850.7/44

All: 0.538 $\pm$ 0.003 χ^2 /NDF: 5106.2/90

- sign 0.533 $\pm$ 0.004 χ^2 /NDF: 3252.0/45

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -21.908 ± 2.607 $\chi^2/\text{NDF}: 28.8/2$

Left Out: -33.148 ± 0.301 $\chi^2/\text{NDF}: 500.0/24$

Right Out: -18.883 ± 1.634 $\chi^2/\text{NDF}: 76.5/4$

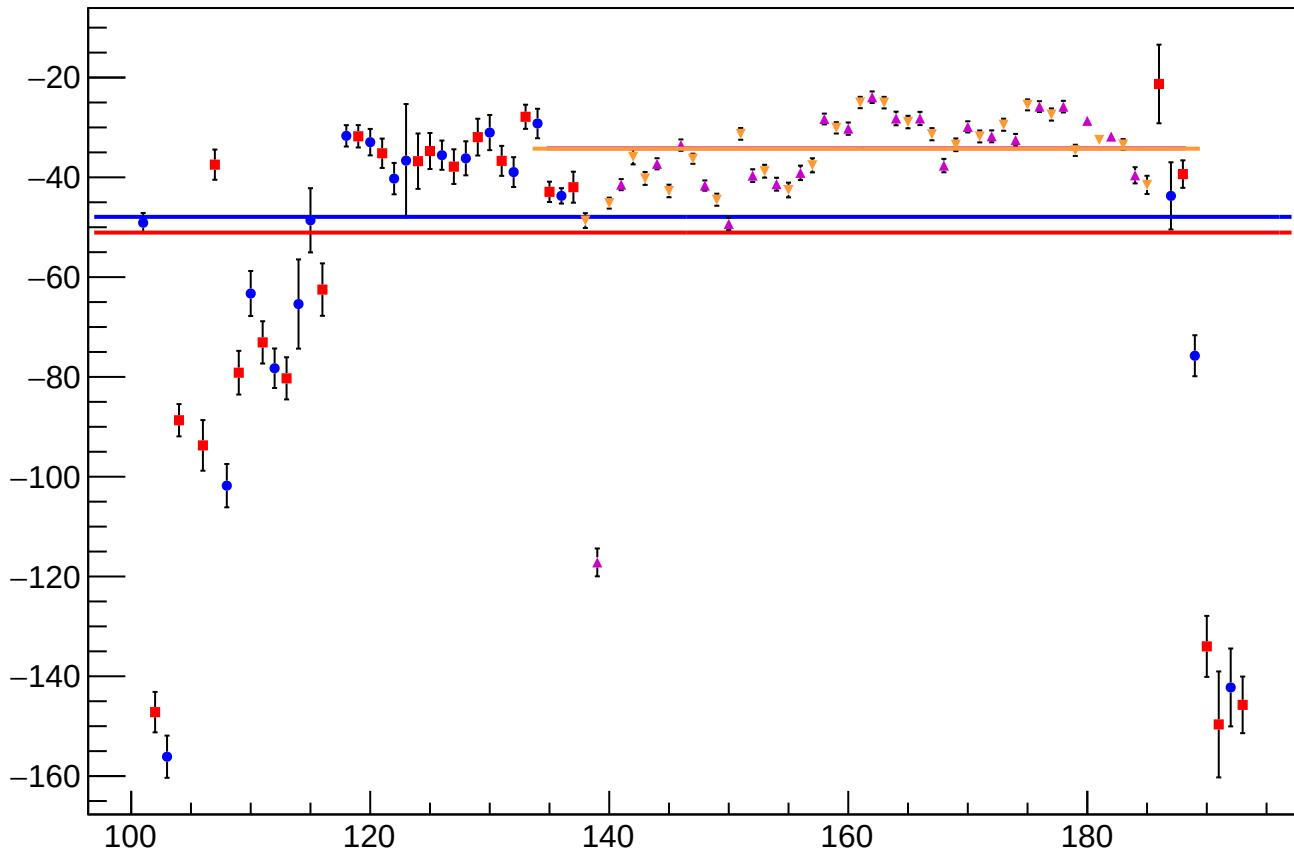
Left In: -31.647 ± 0.308 $\chi^2/\text{NDF}: 546.9/22$

+ sign -33.001 ± 0.299 $\chi^2/\text{NDF}: 547.1/27$

All: -32.116 ± 0.213 $\chi^2/\text{NDF}: 1247.1/55$

- sign -31.210 ± 0.302 $\chi^2/\text{NDF}: 682.3/27$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -47.922 ± 0.705 χ^2/NDF : 1281.4/19

Left Out: -34.256 ± 0.242 χ^2/NDF : 693.3/24

Right Out: -51.073 ± 0.721 χ^2/NDF : 1800.8/22

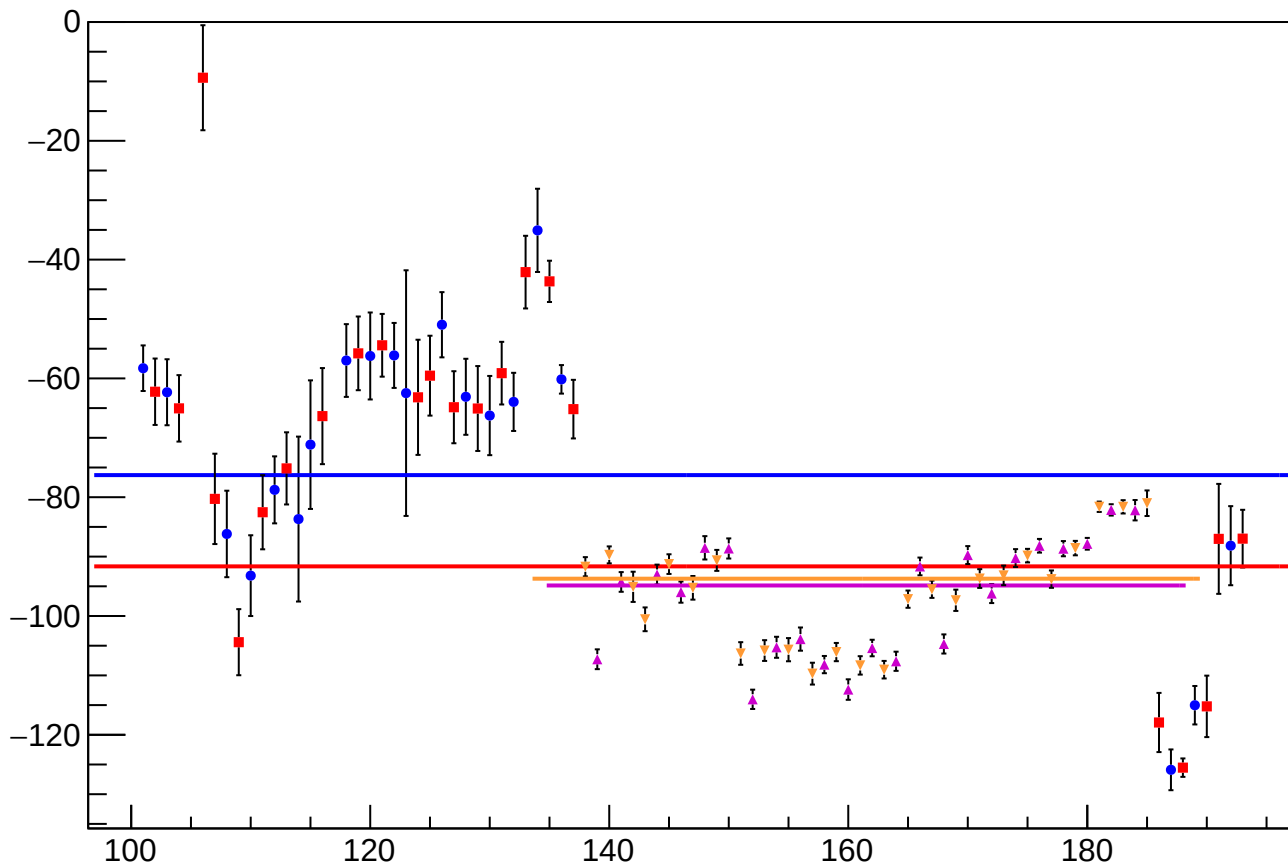
Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

+ sign -35.698 ± 0.229 χ^2/NDF : 2310.8/44

All: -35.846 ± 0.164 χ^2/NDF : 6148.3/90

- sign -36.005 ± 0.236 χ^2/NDF : 3836.7/45

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -76.280 ± 1.128 χ^2/NDF : 537.7/19

Left Out: -93.719 ± 0.302 χ^2/NDF : 878.2/24

Right Out: -91.645 ± 0.967 χ^2/NDF : 1161.5/22

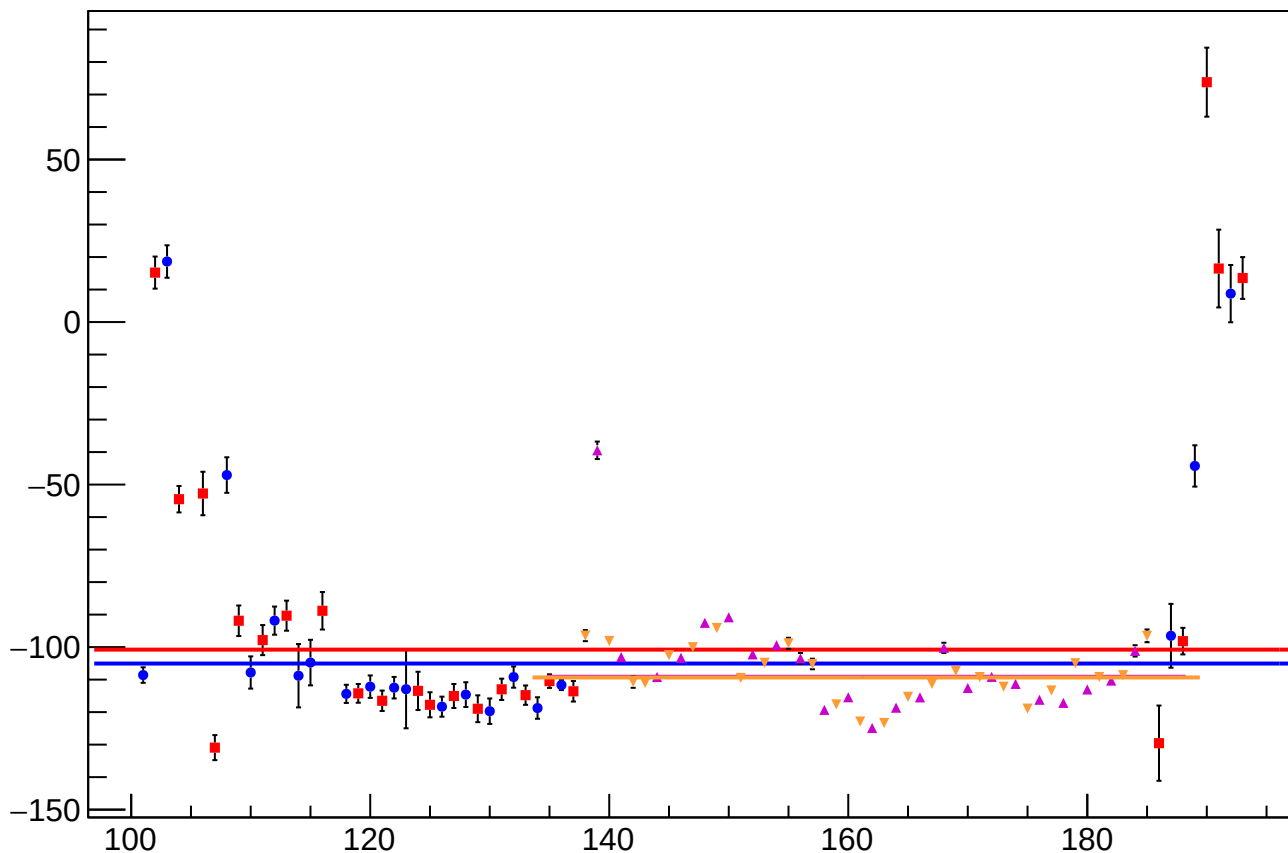
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.551 ± 0.292 χ^2/NDF : 1638.7/44

All: -93.555 ± 0.207 χ^2/NDF : 3819.5/90

- sign -94.566 ± 0.293 χ^2/NDF : 2157.1/45

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -105.054 ± 0.799 $\chi^2/\text{NDF}: 1093.4/19$

Left Out: -109.338 ± 0.272 $\chi^2/\text{NDF}: 826.2/24$

Right Out: -100.779 ± 0.829 $\chi^2/\text{NDF}: 1676.7/22$

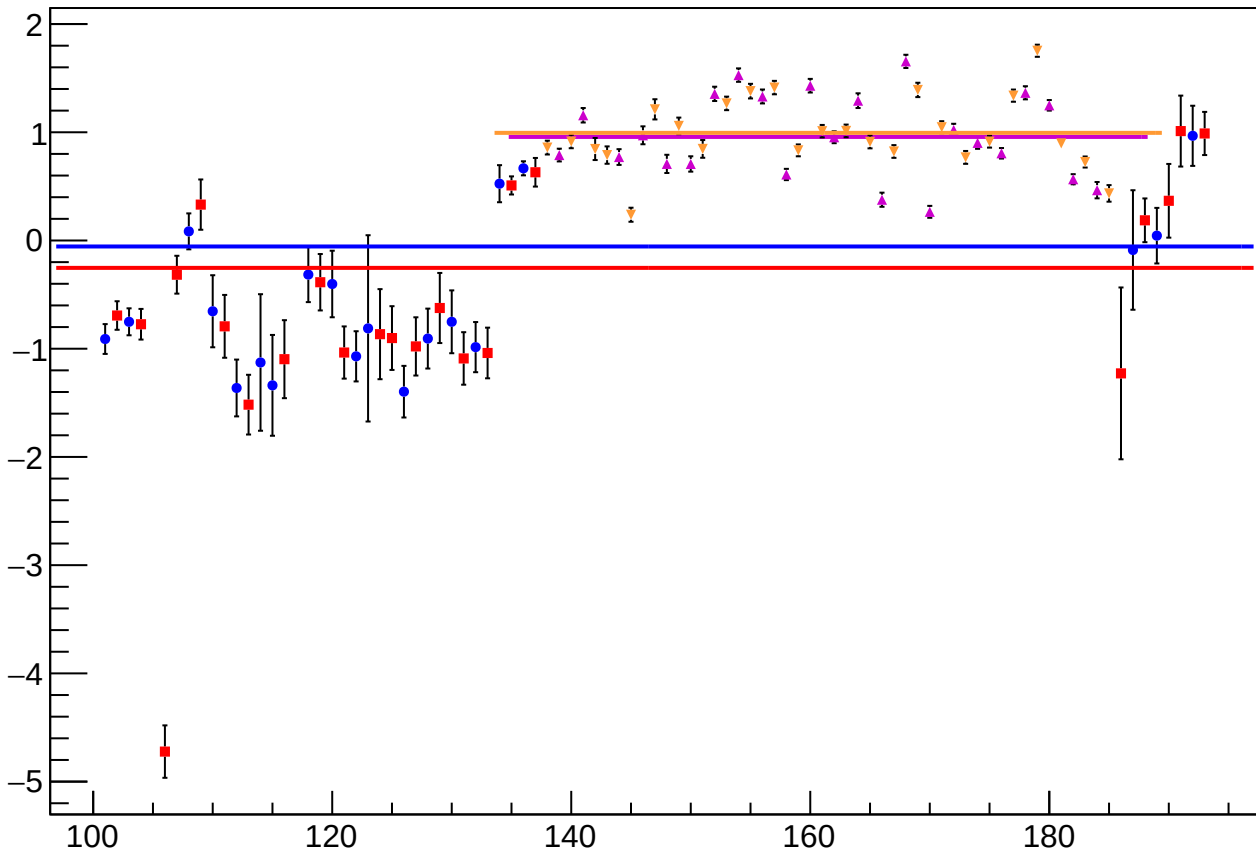
Left In: -109.126 ± 0.279 $\chi^2/\text{NDF}: 1578.7/22$

+ sign -108.893 ± 0.257 $\chi^2/\text{NDF}: 1945.4/44$

All: -108.594 ± 0.184 $\chi^2/\text{NDF}: 5294.6/90$

- sign -108.277 ± 0.265 $\chi^2/\text{NDF}: 3346.4/45$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.055 ± 0.041 χ^2/NDF : 343.0/19

Left Out: 0.995 ± 0.012 χ^2/NDF : 635.3/24

Right Out: -0.253 ± 0.041 χ^2/NDF : 641.9/22

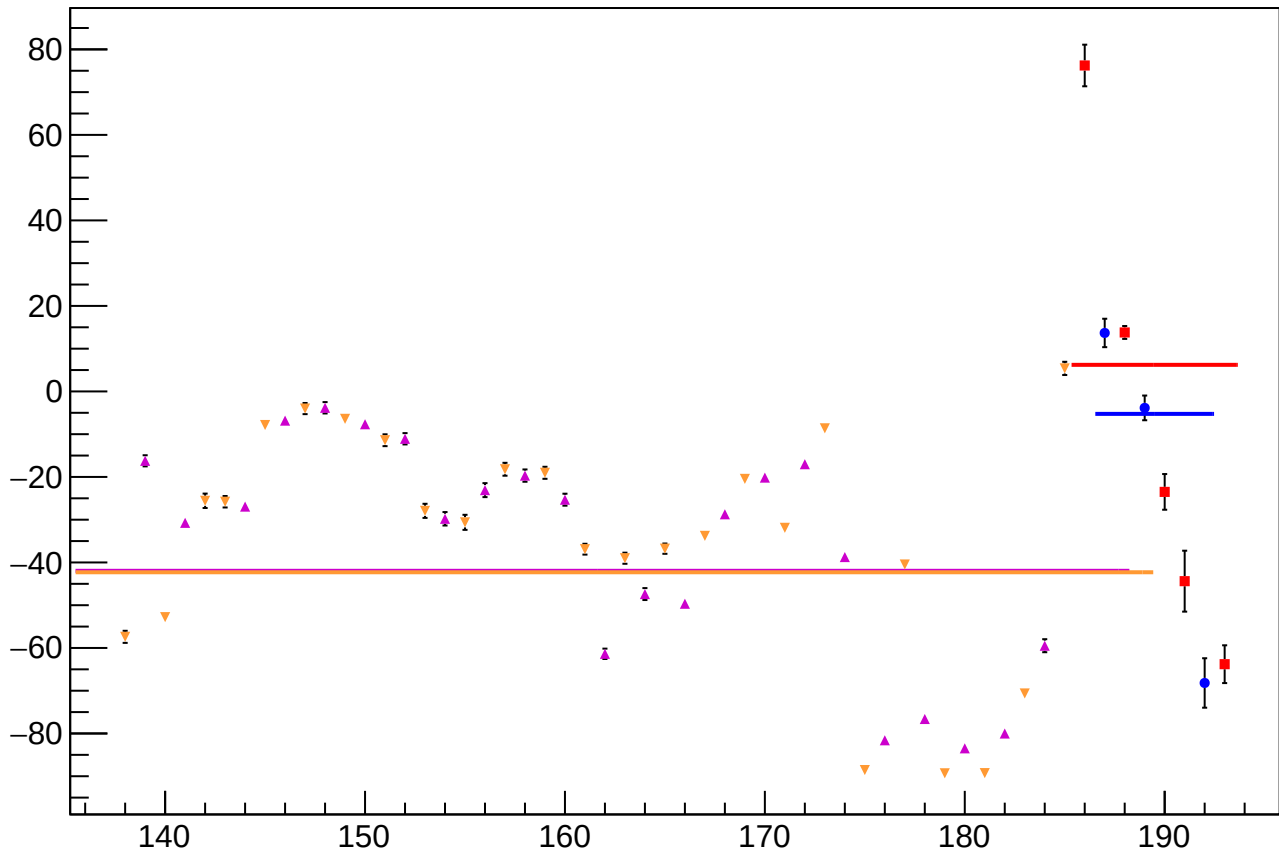
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.906 ± 0.012 χ^2/NDF : 1577.8/44

All: 0.880 ± 0.008 χ^2/NDF : 3909.4/90

- sign -0.854 ± 0.012 χ^2/NDF : 2322.1/45

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -5.252 ± 2.040 χ^2/NDF : 151.1/2

Left Out: -42.295 ± 0.222 χ^2/NDF : 18267.5/24

Right Out: 6.218 ± 1.280 χ^2/NDF : 584.3/4

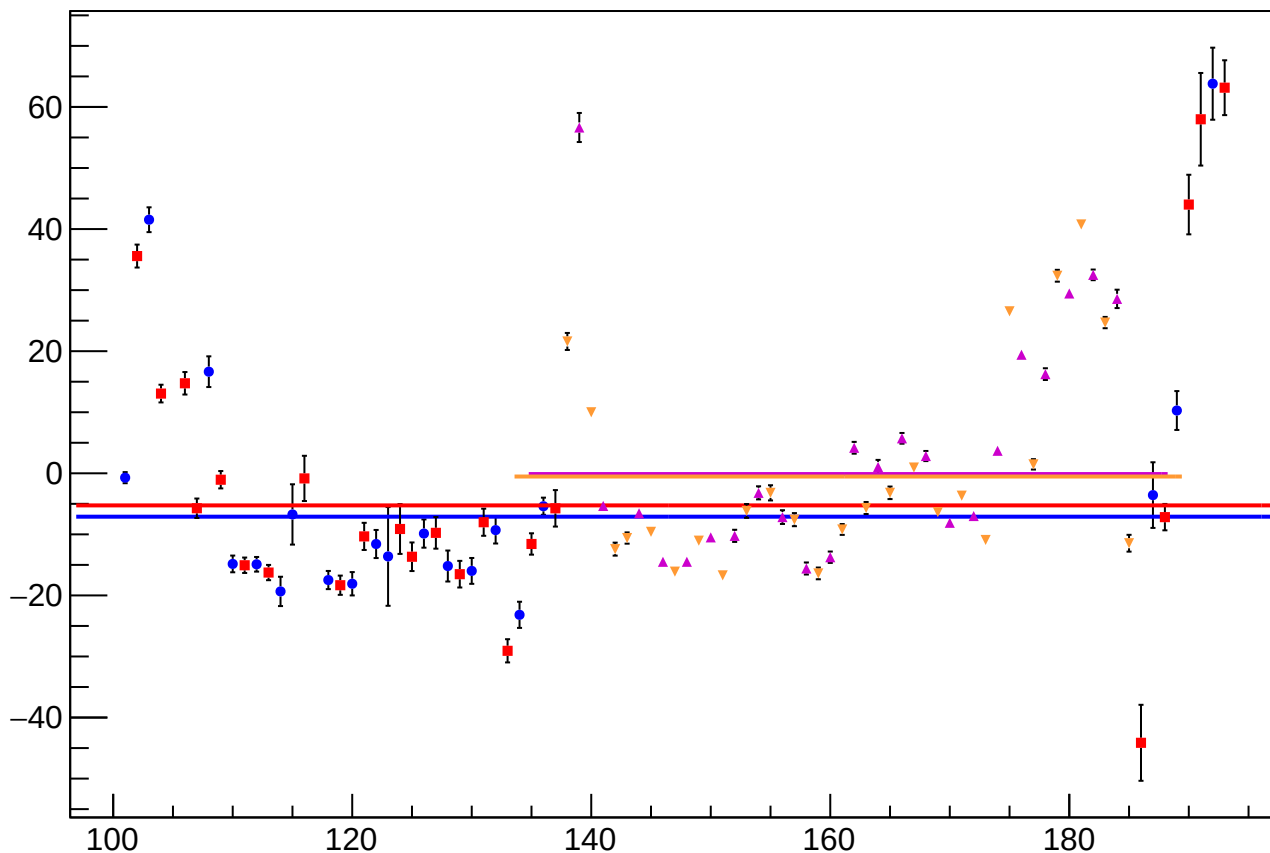
Left In: -41.955 ± 0.226 χ^2/NDF : 14723.4/22

+ sign -41.860 ± 0.221 χ^2/NDF : 18744.4/27

All: -41.184 ± 0.157 χ^2/NDF : 35444.7/55

- sign -40.499 ± 0.223 χ^2/NDF : 16681.5/27

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.105 ± 0.421 χ^2/NDF : 1160.2/19

Left Out: -0.527 ± 0.175 χ^2/NDF : 8707.9/24

Right Out: -5.256 ± 0.417 χ^2/NDF : 1630.2/22

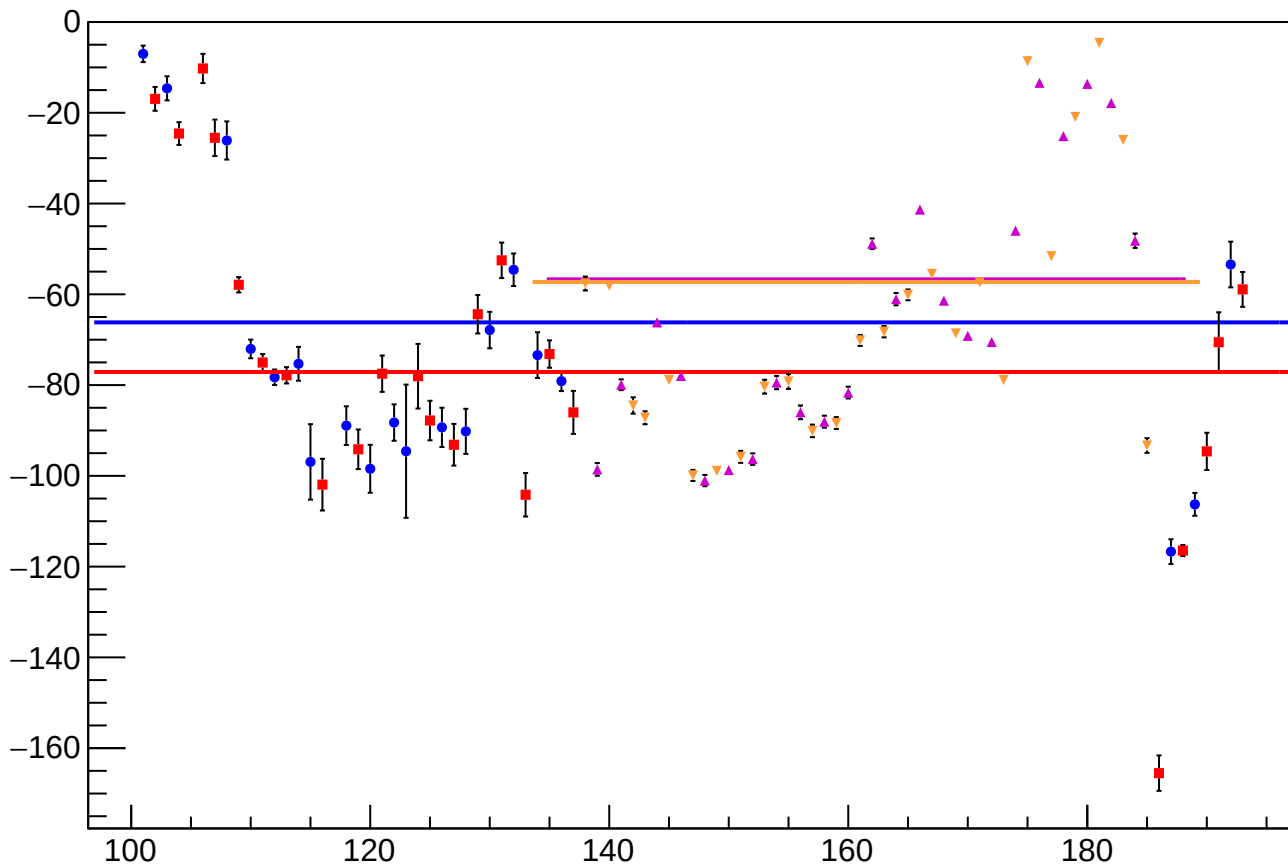
Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

+ sign -1.493 ± 0.161 χ^2/NDF : 10076.2/44

All: -1.212 ± 0.115 χ^2/NDF : 18765.6/90

- sign -0.921 ± 0.164 χ^2/NDF : 8683.3/45

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -66.188 $\pm$ 0.684 χ^2 /NDF: 2410.9/19

Left Out: -57.276 $\pm$ 0.224 χ^2 /NDF:18511.1/24

Right Out: -77.110 $\pm$ 0.589 χ^2 /NDF: 3425.2/22

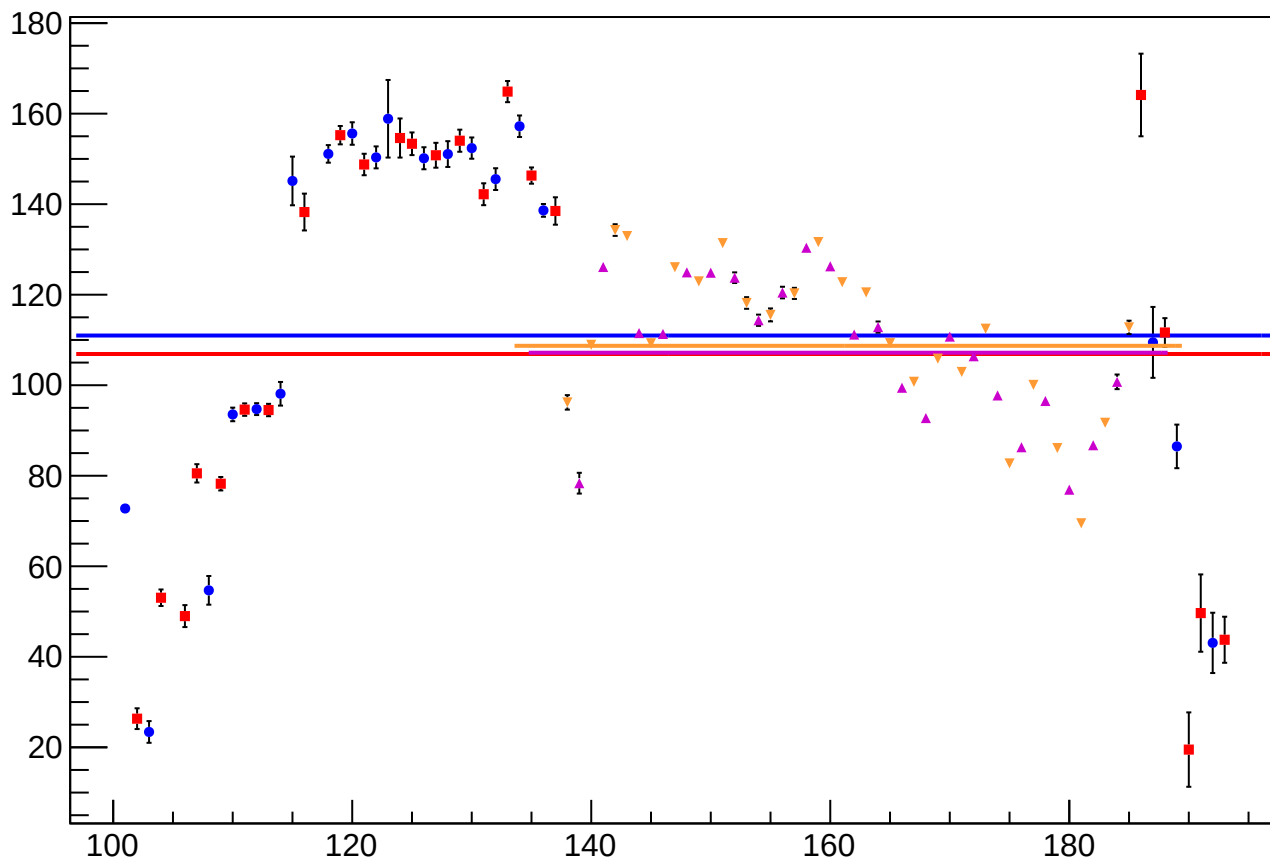
Left In: -56.705 $\pm$ 0.226 χ^2 /NDF:16547.5/22

+ sign -58.137 $\pm$ 0.213 χ^2 /NDF: 21075.5/44

All: -58.736 $\pm$ 0.150 χ^2 /NDF: 42111.2/90

- sign -59.327 $\pm$ 0.211 χ^2 /NDF: 21019.9/45

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 110.980 ± 0.482 $\chi^2/\text{NDF}: 6090.9/19$

Left Out: 108.709 ± 0.198 $\chi^2/\text{NDF}: 7297.0/24$

Right Out: 106.897 ± 0.479 $\chi^2/\text{NDF}: 7185.1/22$

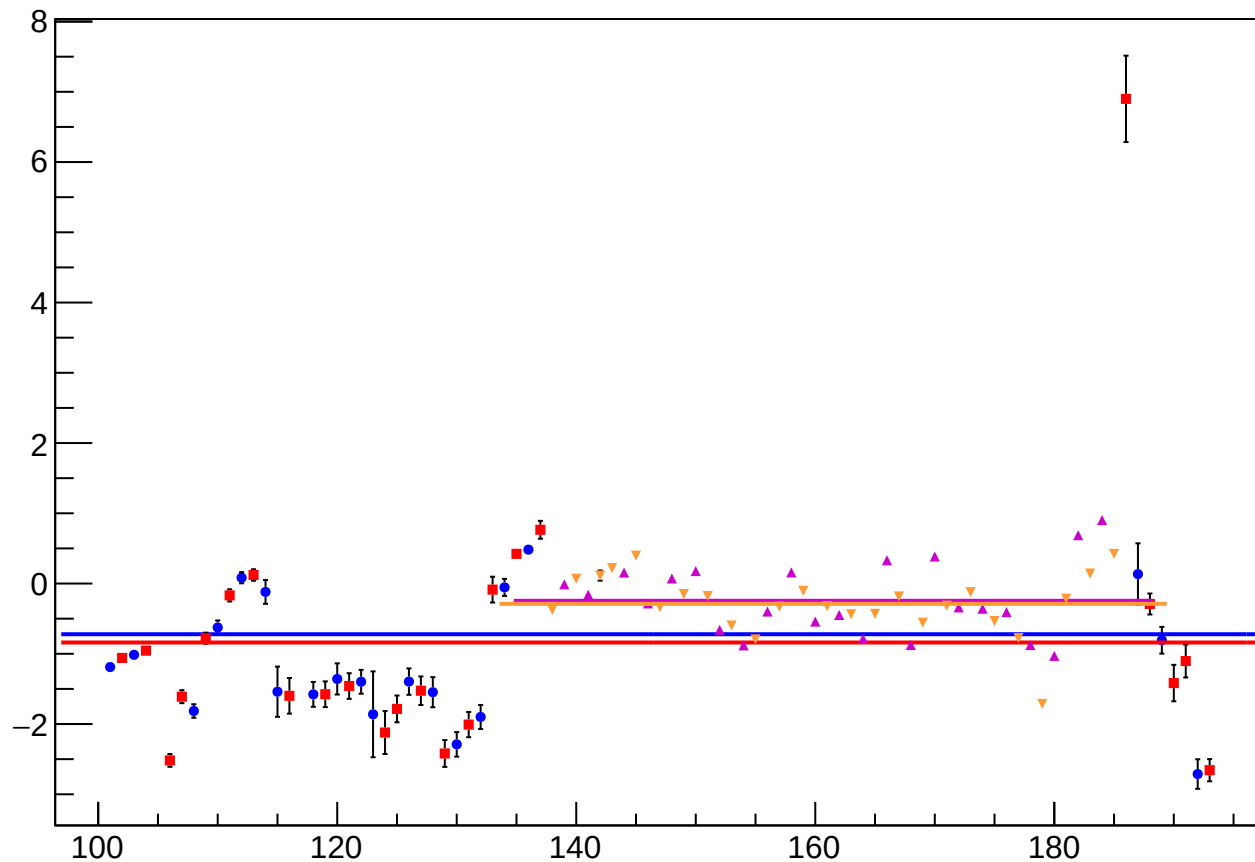
Left In: 107.180 ± 0.202 $\chi^2/\text{NDF}: 5592.3/22$

+ sign 109.036 ± 0.183 $\chi^2/\text{NDF}: 13406.9/44$

All: 108.102 ± 0.130 $\chi^2/\text{NDF}: 26237.6/90$

- sign 107.137 ± 0.186 $\chi^2/\text{NDF}: 12777.7/45$

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.722 ± 0.025 χ^2/NDF : 1088.0/19

Left Out: -0.289 ± 0.009 χ^2/NDF : 2039.6/24

Right Out: -0.839 ± 0.024 χ^2/NDF : 1621.7/22

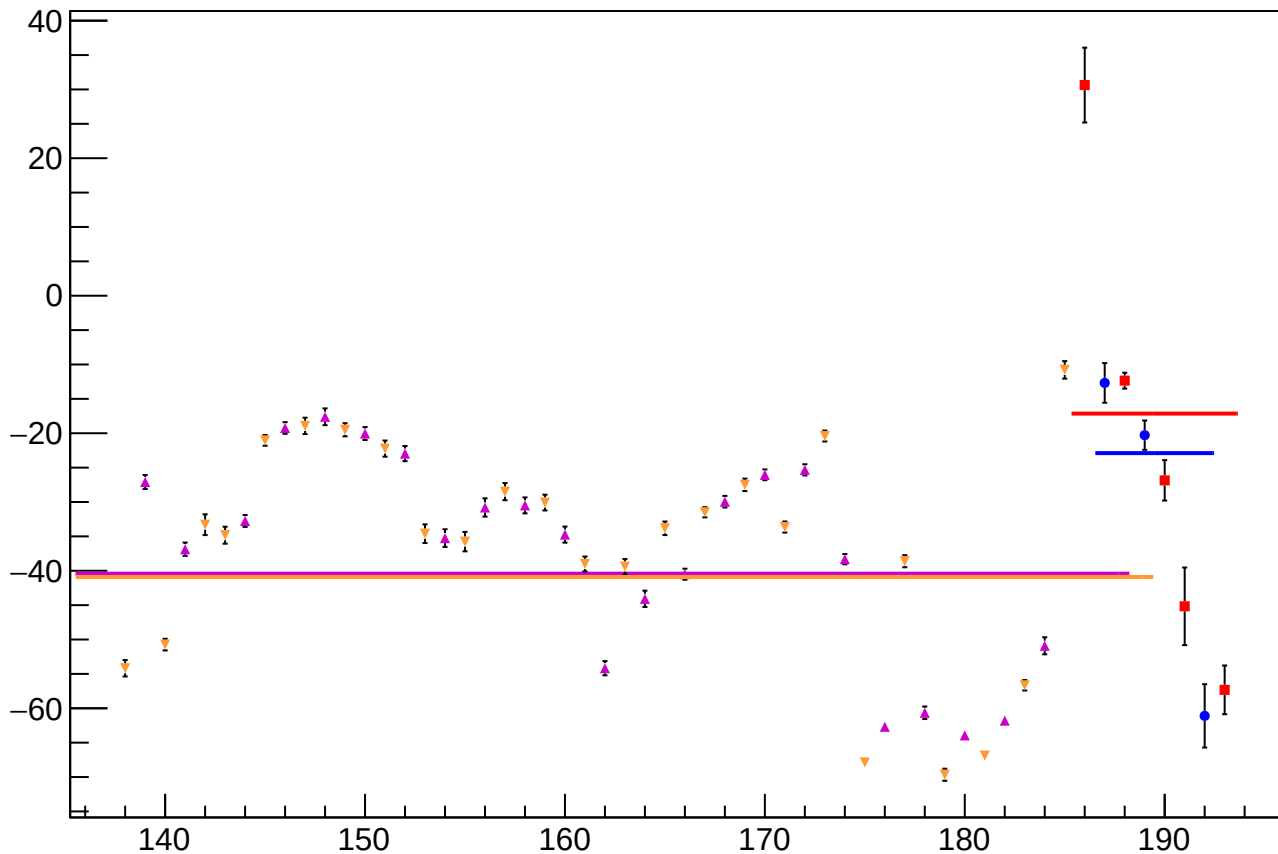
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.338 ± 0.009 χ^2/NDF : 3386.6/44

All: -0.331 ± 0.006 χ^2/NDF : 8361.5/90

- sign -0.324 ± 0.009 χ^2/NDF : 4973.5/45

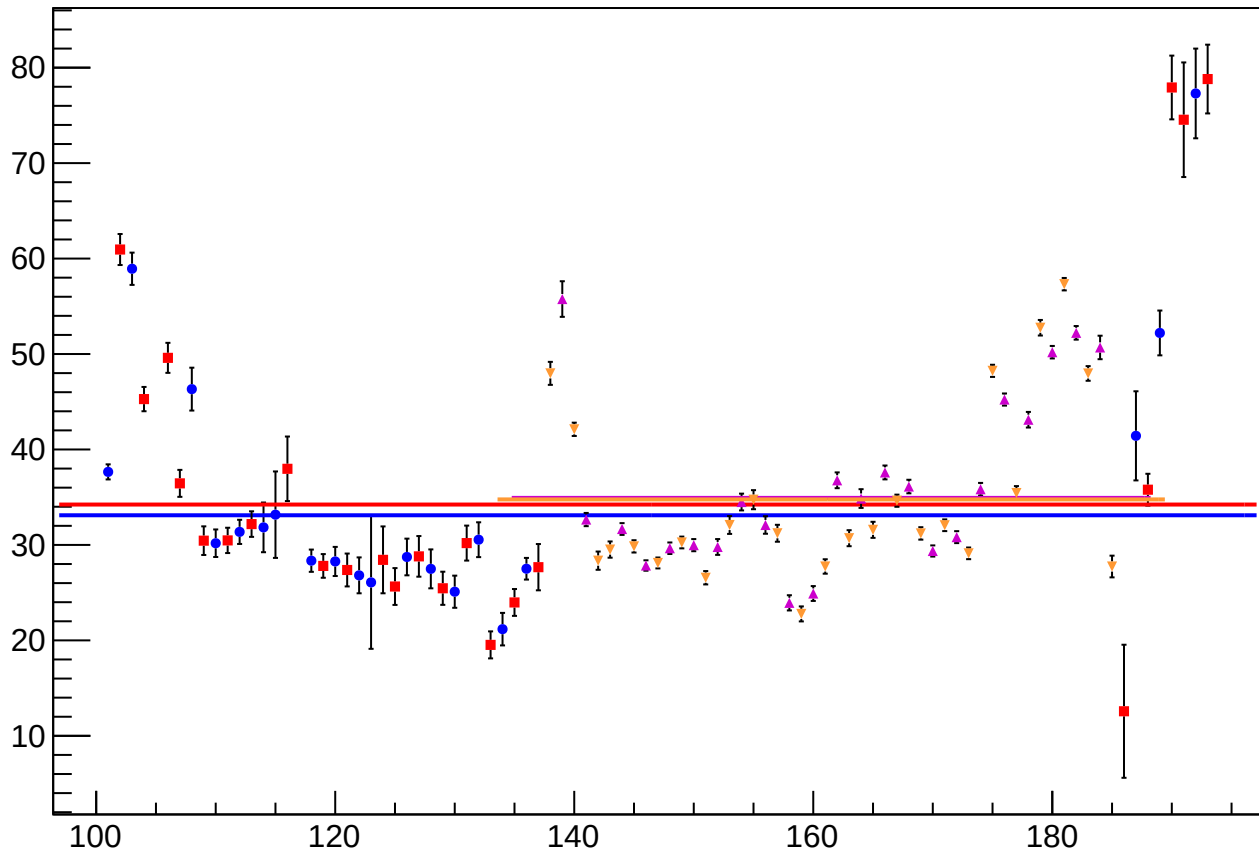
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -22.891 ± 1.607 $\chi^2/\text{NDF}: 82.9/2$
 Left Out: -40.897 ± 0.186 $\chi^2/\text{NDF}: 9114.7/24$
 Right Out: -17.140 ± 0.995 $\chi^2/\text{NDF}: 258.4/4$
 Left In: -40.422 ± 0.189 $\chi^2/\text{NDF}: 7030.2/22$

+ sign -40.658 ± 0.185 $\chi^2/\text{NDF}: 9321.4/27$
 All: -40.136 ± 0.131 $\chi^2/\text{NDF}: 17154.4/55$
 - sign -39.612 ± 0.186 $\chi^2/\text{NDF}: 7817.1/27$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 33.107 $\pm$ 0.366 χ^2 /NDF: 614.8/19

Left Out: 34.768 $\pm$ 0.148 χ^2 /NDF: 3677.3/24

Right Out: 34.230 $\pm$ 0.365 χ^2 /NDF: 1112.4/22

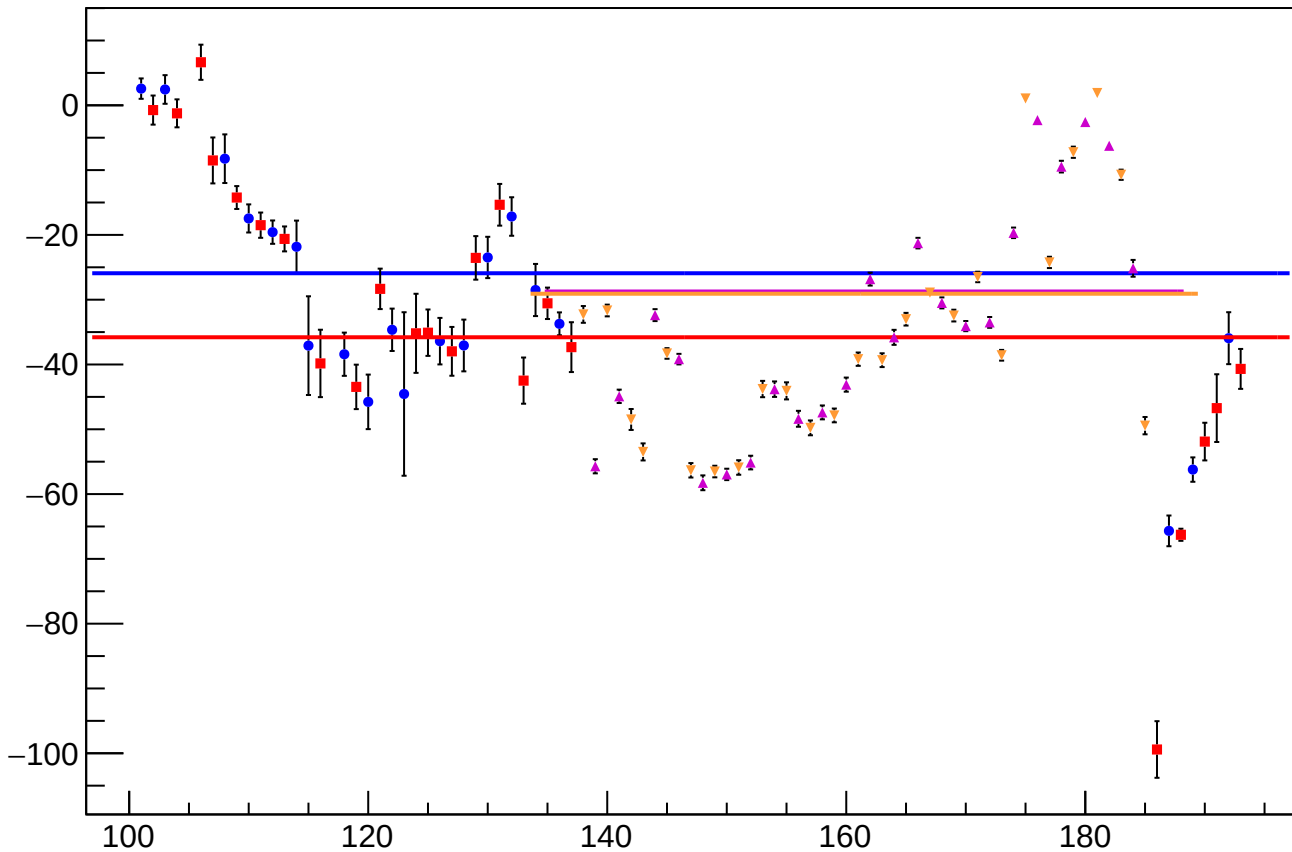
Left In: 34.928 $\pm$ 0.151 χ^2 /NDF: 2688.4/22

+ sign 34.535 $\pm$ 0.137 χ^2 /NDF: 4309.9/44

All: 34.678 $\pm$ 0.098 χ^2 /NDF: 8116.0/90

- sign 34.826 $\pm$ 0.140 χ^2 /NDF: 3803.9/45

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -25.918 ± 0.600 χ^2/NDF : 1183.5/19

Left Out: -29.080 ± 0.187 χ^2/NDF : 10059.5/24

Right Out: -35.799 ± 0.510 χ^2/NDF : 2482.3/22

Left In: -28.735 ± 0.189 χ^2/NDF : 9155.5/22

+ sign -28.799 ± 0.179 χ^2/NDF : 11268.3/44

All: -29.197 ± 0.126 χ^2/NDF : 23084.5/90

- sign -29.587 ± 0.177 χ^2/NDF : 11806.4/45

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.255 ± 0.421 $\chi^2/\text{NDF}: 4839.0/19$

Left Out: 70.450 ± 0.167 $\chi^2/\text{NDF}: 4484.7/24$

Right Out: 70.314 ± 0.423 $\chi^2/\text{NDF}: 5646.6/22$

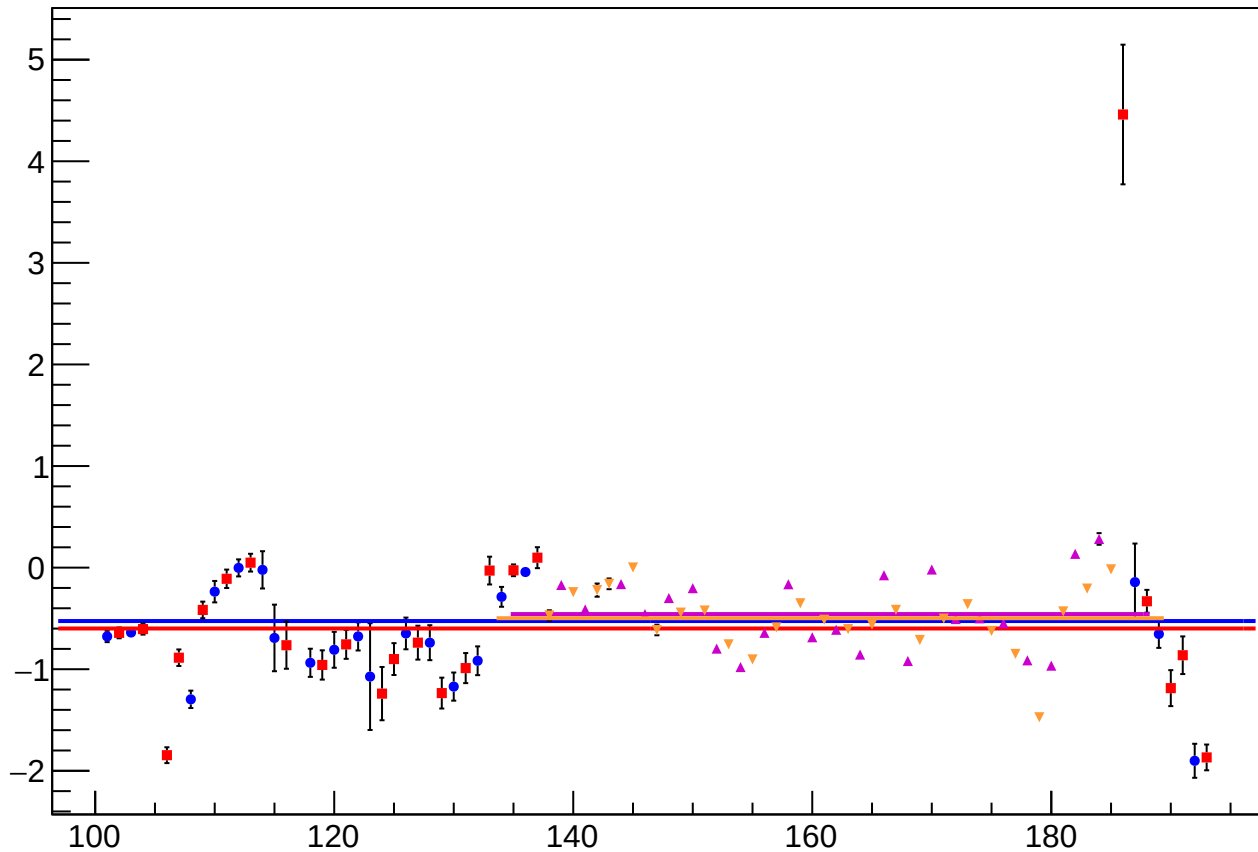
Left In: 69.350 ± 0.170 $\chi^2/\text{NDF}: 3330.7/22$

+ sign 70.694 ± 0.155 $\chi^2/\text{NDF}: 9339.6/44$

All: 70.099 ± 0.110 $\chi^2/\text{NDF}: 18351.4/90$

- sign 69.484 ± 0.157 $\chi^2/\text{NDF}: 8981.8/45$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.526 ± 0.022 χ^2/NDF : 374.3/19

Left Out: -0.498 ± 0.008 χ^2/NDF : 1440.7/24

Right Out: -0.599 ± 0.021 χ^2/NDF : 735.6/22

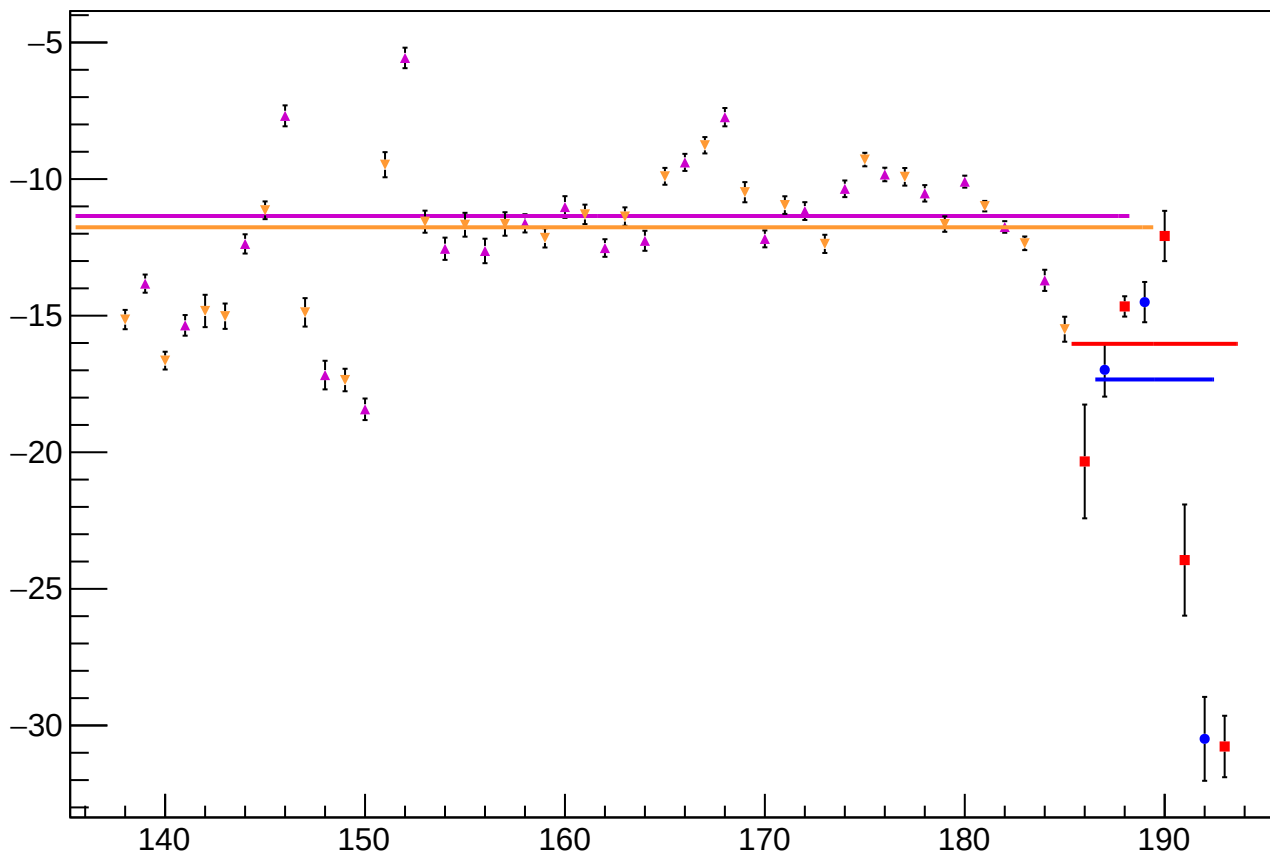
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.501 ± 0.007 χ^2/NDF : 1816.5/44

All: -0.488 ± 0.005 χ^2/NDF : 4575.9/90

- sign -0.474 ± 0.007 χ^2/NDF : 2752.6/45

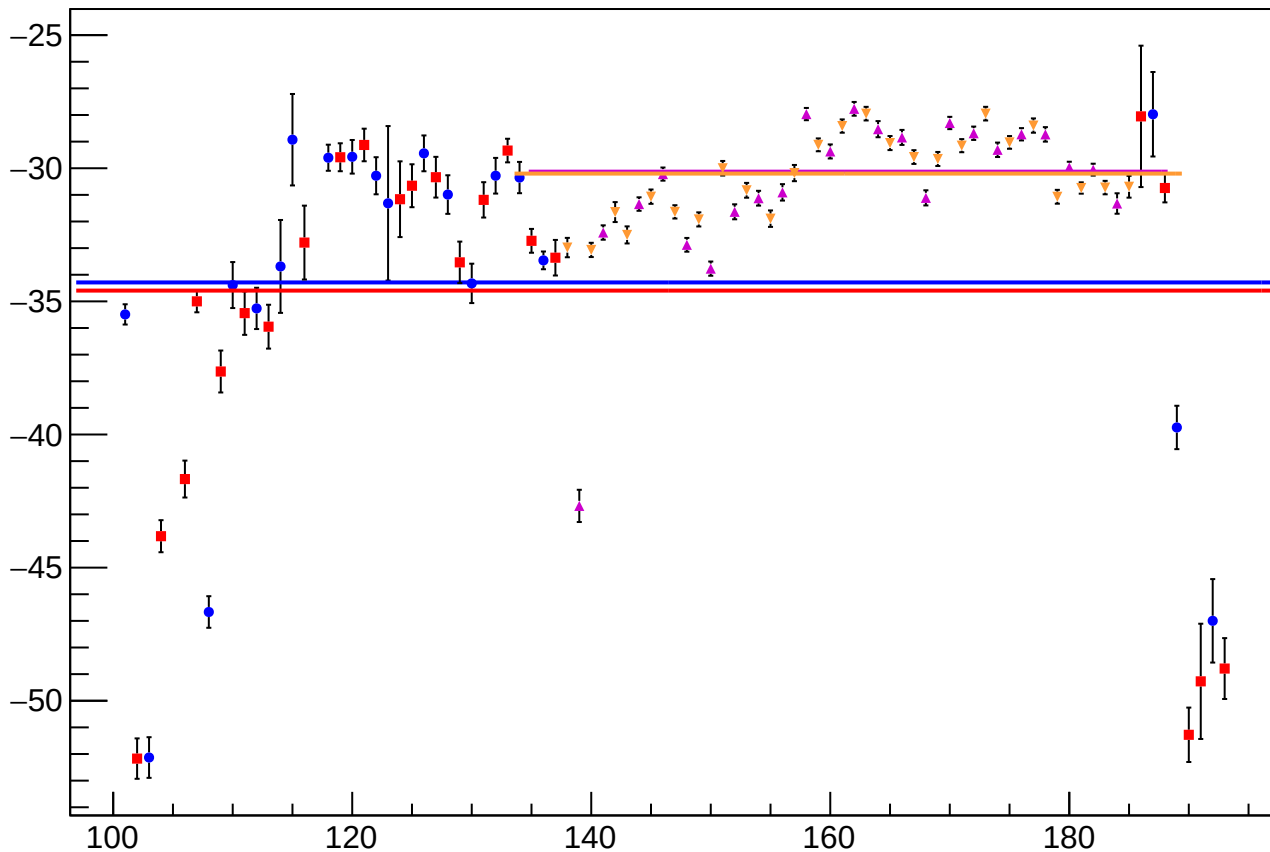
reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -17.335 ± 0.550 $\chi^2/\text{NDF}: 88.3/2$
 Left Out: -11.764 ± 0.067 $\chi^2/\text{NDF}: 1025.9/24$
 Right Out: -16.031 ± 0.322 $\chi^2/\text{NDF}: 223.0/4$
 Left In: -11.352 ± 0.068 $\chi^2/\text{NDF}: 1280.6/22$

+ sign -11.845 ± 0.066 $\chi^2/\text{NDF}: 1215.2/27$
 All: -11.698 ± 0.047 $\chi^2/\text{NDF}: 2931.3/55$
 - sign -11.550 ± 0.066 $\chi^2/\text{NDF}: 1706.2/27$

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.289 ± 0.147 χ^2/NDF : 1469.7/19

Left Out: -30.201 ± 0.054 χ^2/NDF : 725.7/24

Right Out: -34.595 ± 0.142 χ^2/NDF : 1842.3/22

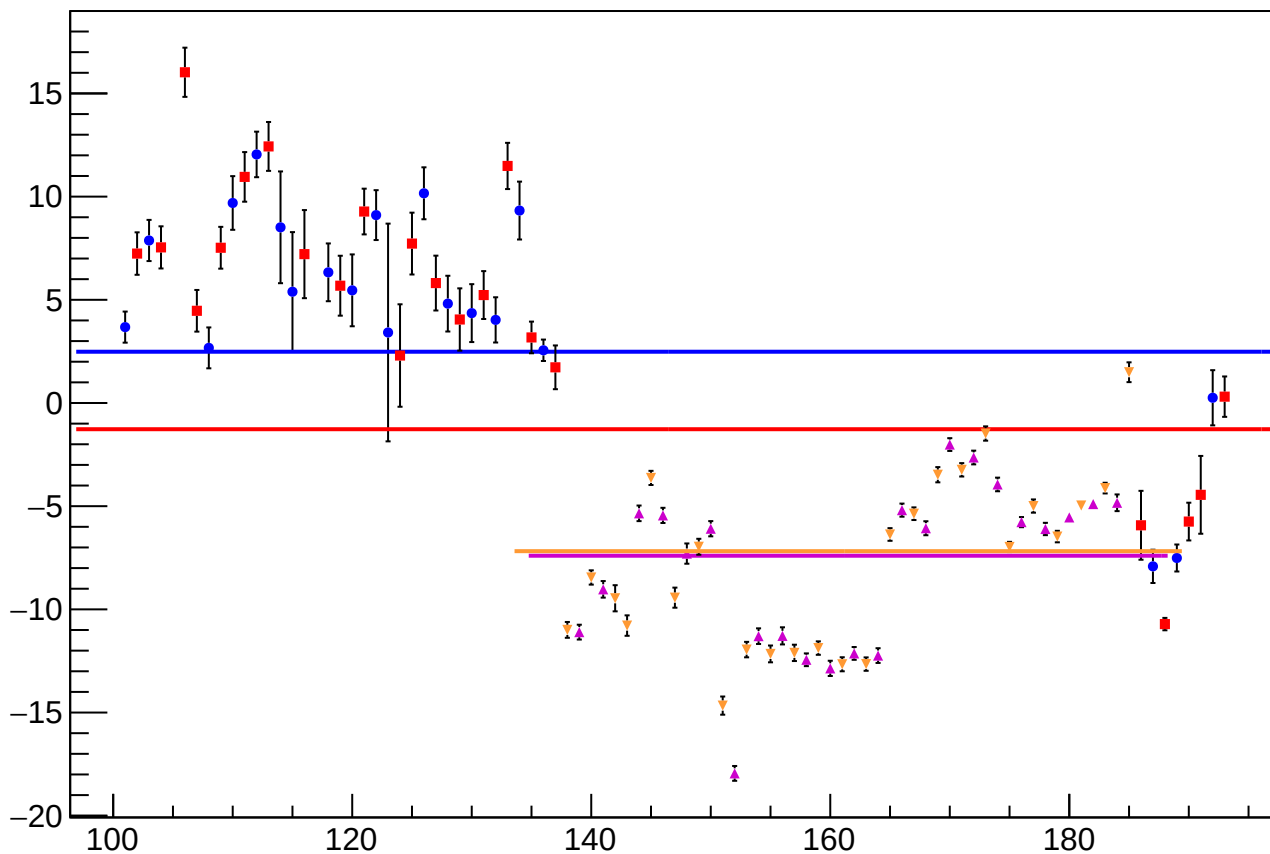
Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

+ sign -30.687 ± 0.051 χ^2/NDF : 2877.7/44

All: -30.701 ± 0.036 χ^2/NDF : 6866.2/90

- sign -30.715 ± 0.052 χ^2/NDF : 3988.3/45

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 2.484 ± 0.234 χ^2/NDF : 654.4/19

Left Out: -7.180 ± 0.067 χ^2/NDF : 3015.8/24

Right Out: -1.271 ± 0.192 χ^2/NDF : 2135.8/22

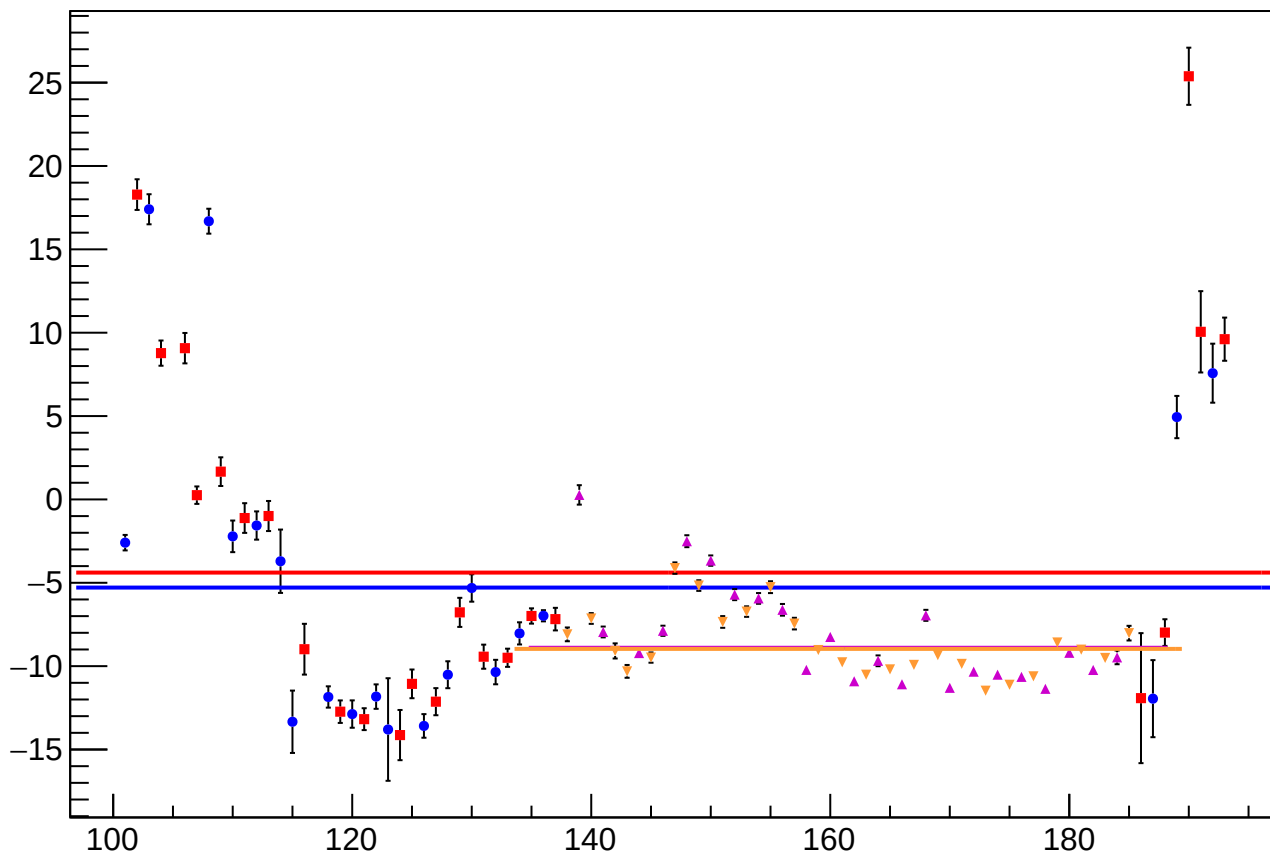
Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

+ sign -6.451 ± 0.064 χ^2/NDF : 5241.6/44

All: -6.589 ± 0.045 χ^2/NDF : 11430.1/90

- sign -6.723 ± 0.064 χ^2/NDF : 6179.5/45

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.287 ± 0.167 χ^2/NDF : 2253.9/19

Left Out: -8.965 ± 0.060 χ^2/NDF : 876.6/24

Right Out: -4.388 ± 0.166 χ^2/NDF : 2489.3/22

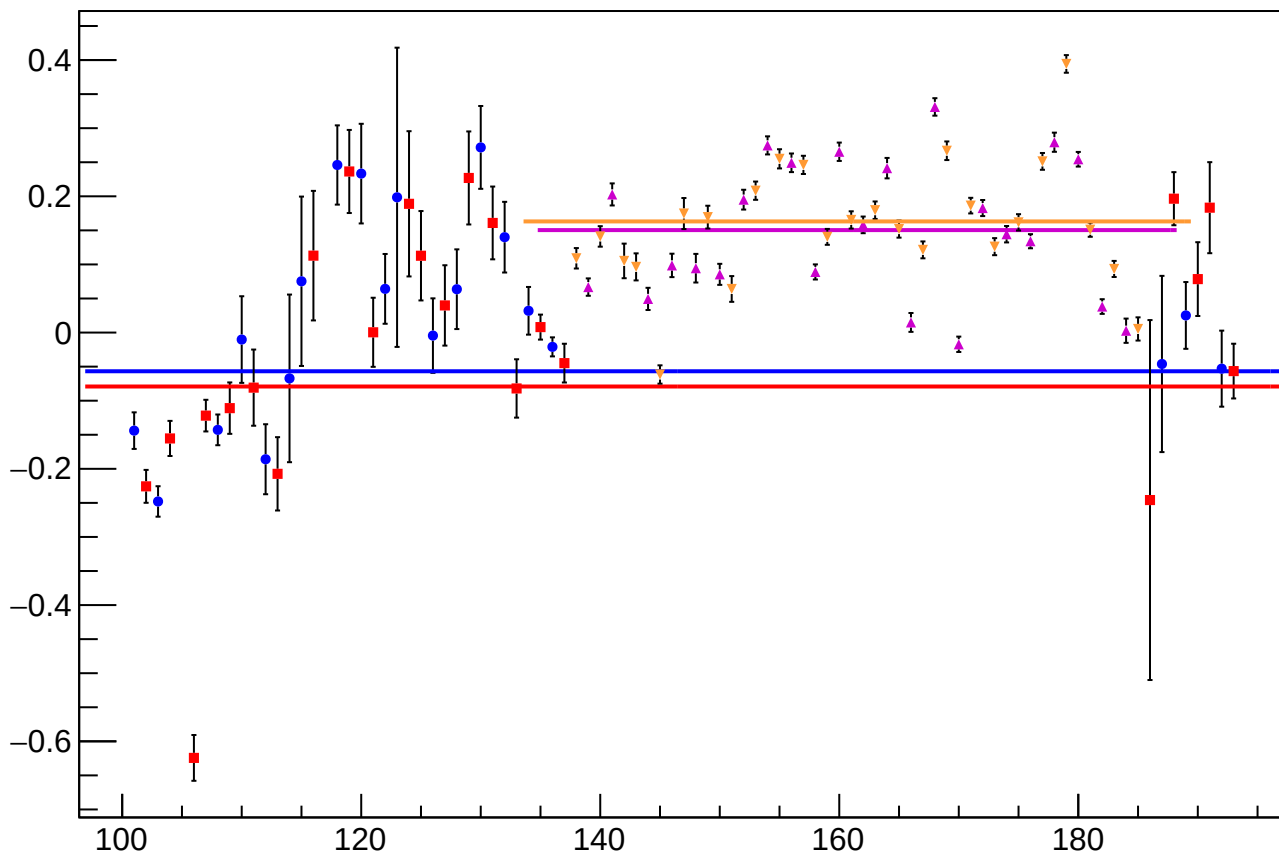
Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

+ sign -8.542 ± 0.057 χ^2/NDF : 3558.9/44

All: -8.450 ± 0.040 χ^2/NDF : 8284.2/90

- sign -8.355 ± 0.058 χ^2/NDF : 4720.0/45

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.057±/0.008 χ^2/NDF : 220.5/19

Left Out: 0.163±/0.003 χ^2/NDF :1011.4/24

Right Out: -0.079±/0.008 χ^2/NDF : 509.7/22

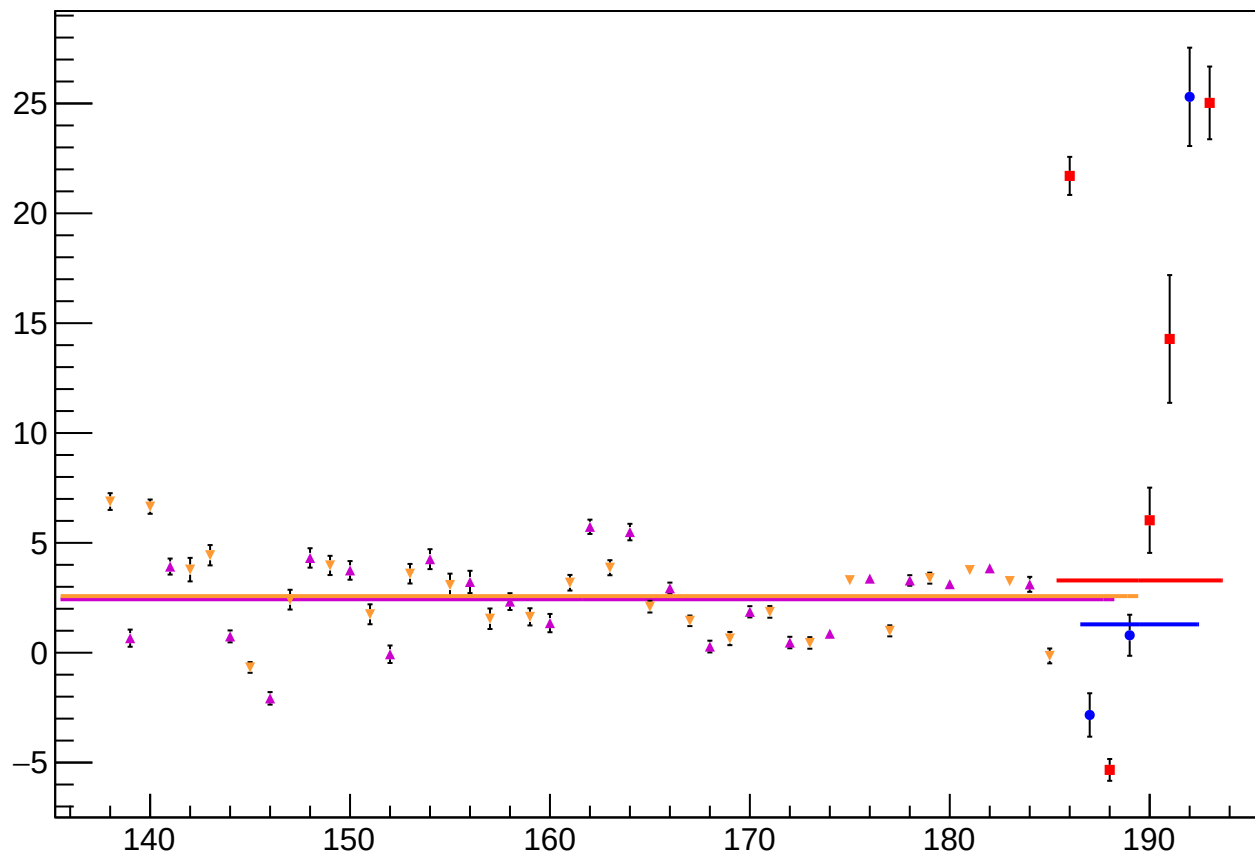
Left In: 0.150±/0.003 χ^2/NDF :1296.5/22

+ sign 0.141±/0.003 χ^2/NDF : 1884.7/44

All: 0.133±/0.002 χ^2/NDF : 4455.4/90

- sign 0.126±/0.003 χ^2/NDF : 2553.5/45

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 1.291 ± 0.650 $\chi^2/\text{NDF}: 132.7/2$

Left Out: 2.575 ± 0.058 $\chi^2/\text{NDF}: 868.1/24$

Right Out: 3.289 ± 0.398 $\chi^2/\text{NDF}: 943.7/4$

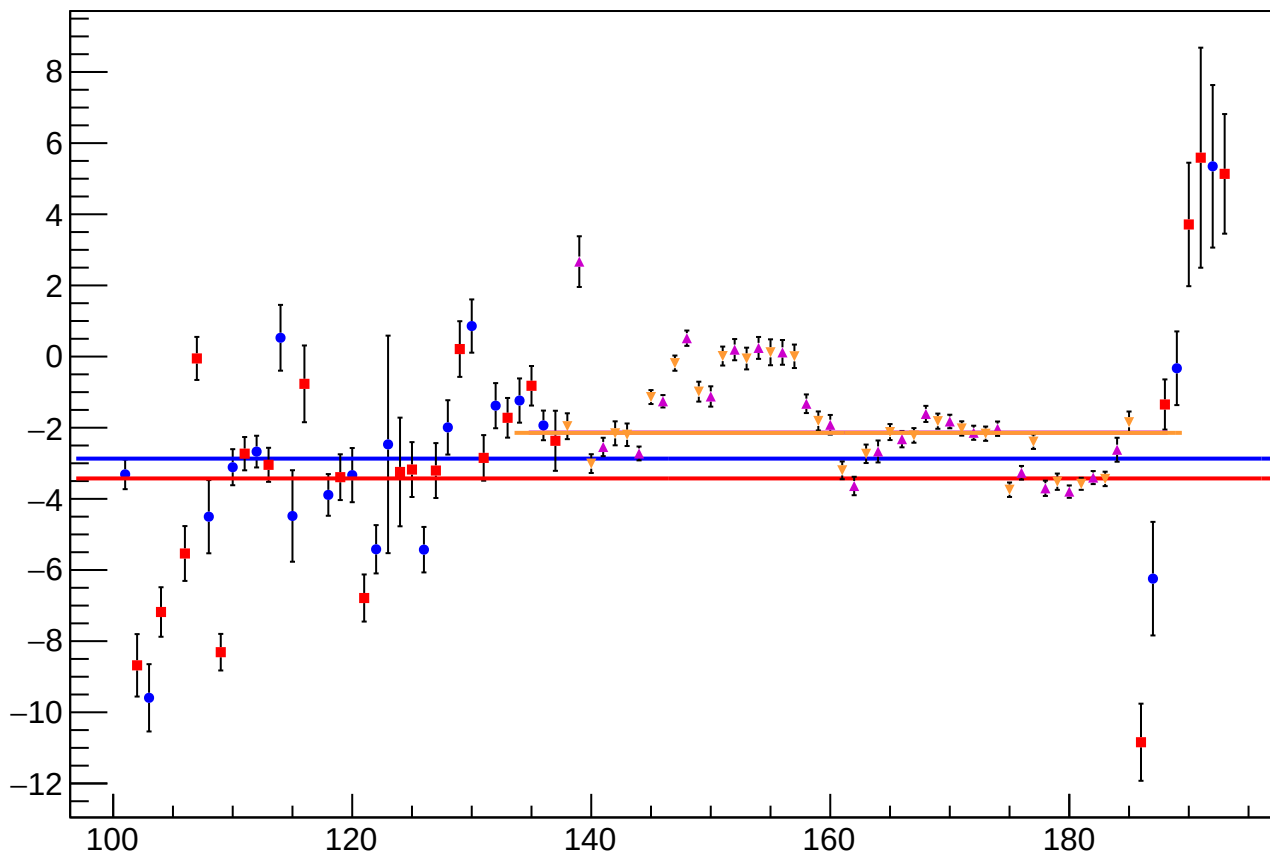
Left In: 2.433 ± 0.059 $\chi^2/\text{NDF}: 882.9/22$

+ sign 2.565 ± 0.058 $\chi^2/\text{NDF}: 1004.7/27$

All: 2.509 ± 0.041 $\chi^2/\text{NDF}: 2837.8/55$

- sign 2.452 ± 0.059 $\chi^2/\text{NDF}: 1831.2/27$

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.868 ± 0.151 χ^2/NDF : 170.1/19

Left Out: -2.145 ± 0.048 χ^2/NDF : 572.6/24

Right Out: -3.426 ± 0.148 χ^2/NDF : 390.8/22

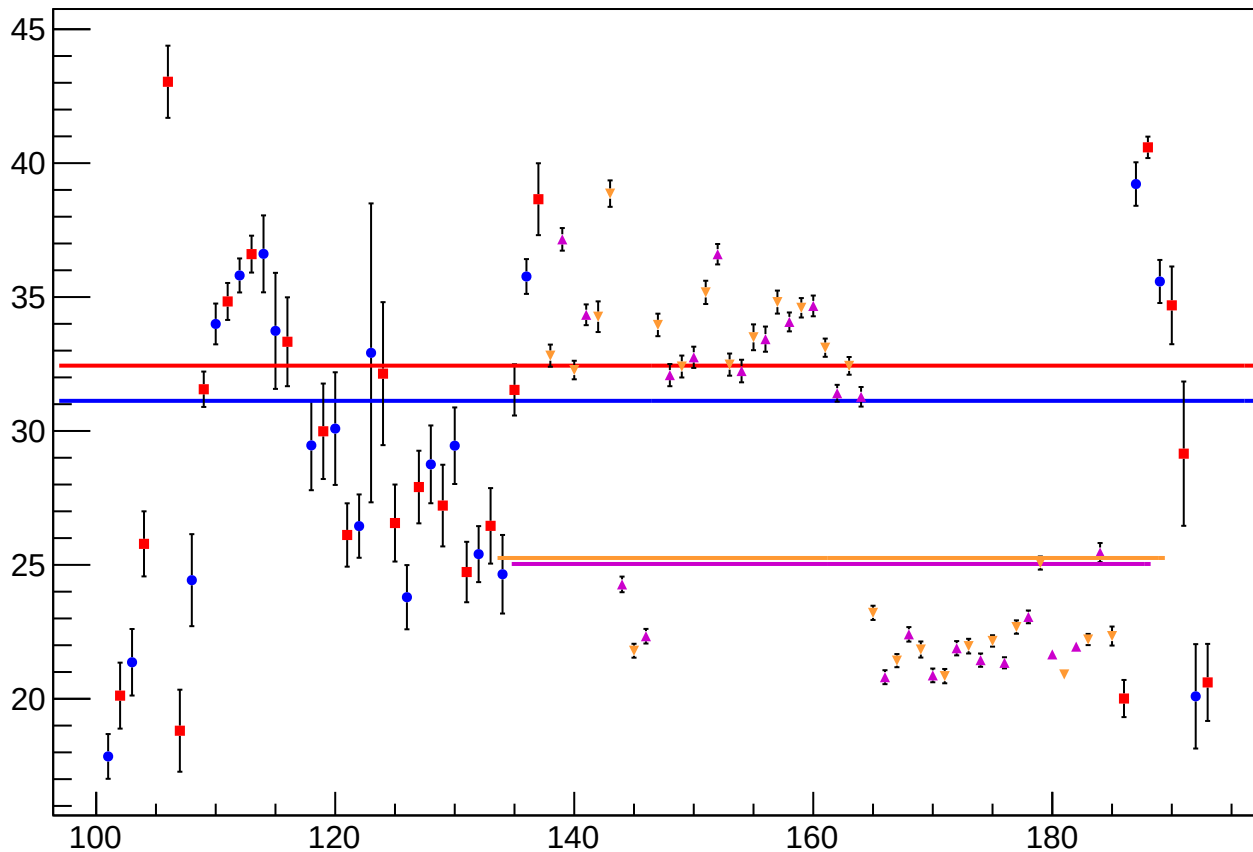
Left In: -2.137 ± 0.048 χ^2/NDF : 693.6/22

+ sign -2.210 ± 0.045 χ^2/NDF : 763.5/44

All: -2.235 ± 0.032 χ^2/NDF : 1916.8/90

- sign -2.260 ± 0.046 χ^2/NDF : 1152.6/45

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 31.125 $\pm$ 0.240 χ^2 /NDF: 735.2/19

Left Out: 25.258 $\pm$ 0.059 χ^2 /NDF:8135.5/24

Right Out: 32.439 $\pm$ 0.203 χ^2 /NDF: 1286.7/22

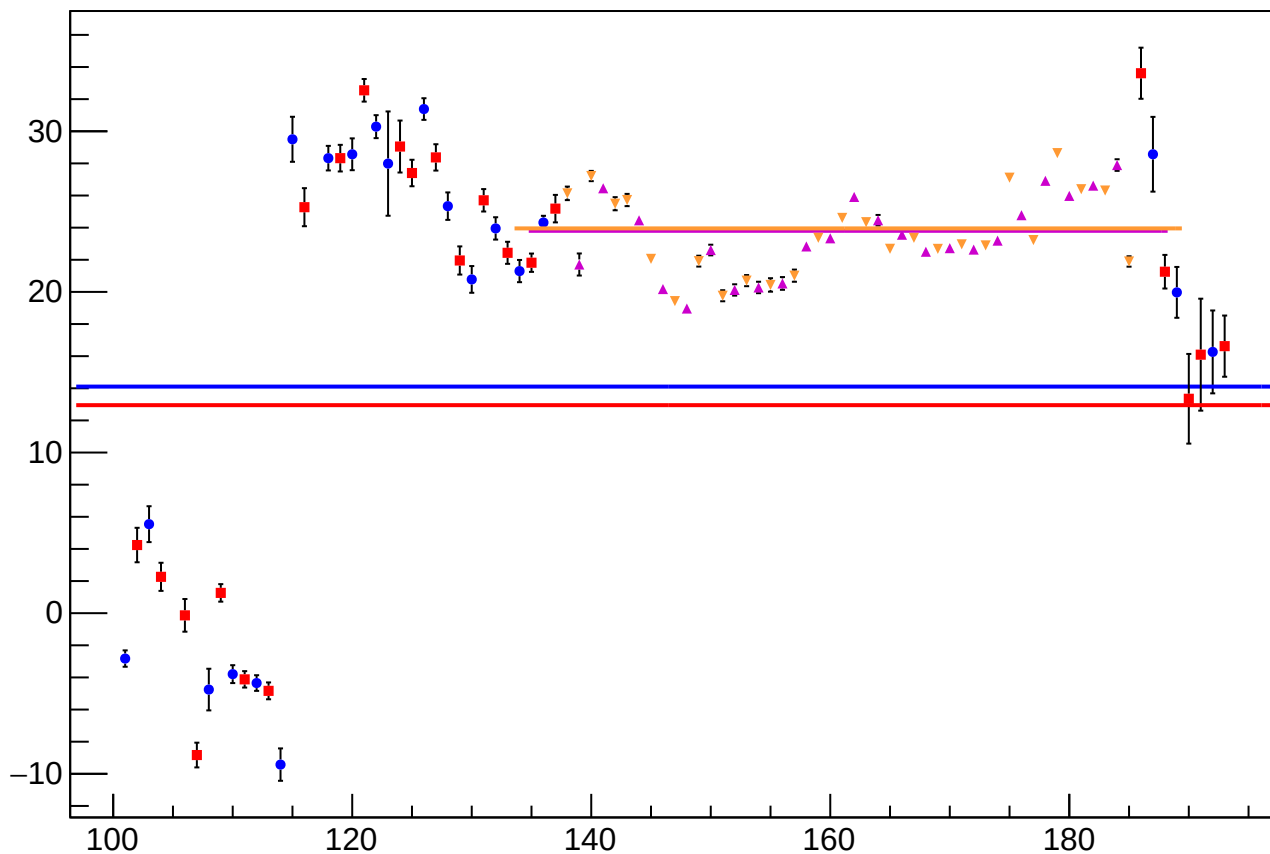
Left In: 25.034 $\pm$ 0.059 χ^2 /NDF:7690.0/22

+ sign 25.592 $\pm$ 0.057 χ^2 /NDF: 9435.0/44

All: 25.604 $\pm$ 0.040 χ^2 /NDF: 19632.9/90

- sign 25.615 $\pm$ 0.057 χ^2 /NDF: 10197.8/45

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.106 ± 0.170 χ^2/NDF : 7445.8/19

Left Out: 23.953 ± 0.053 χ^2/NDF : 1915.9/24

Right Out: 12.949 ± 0.169 χ^2/NDF : 7207.8/22

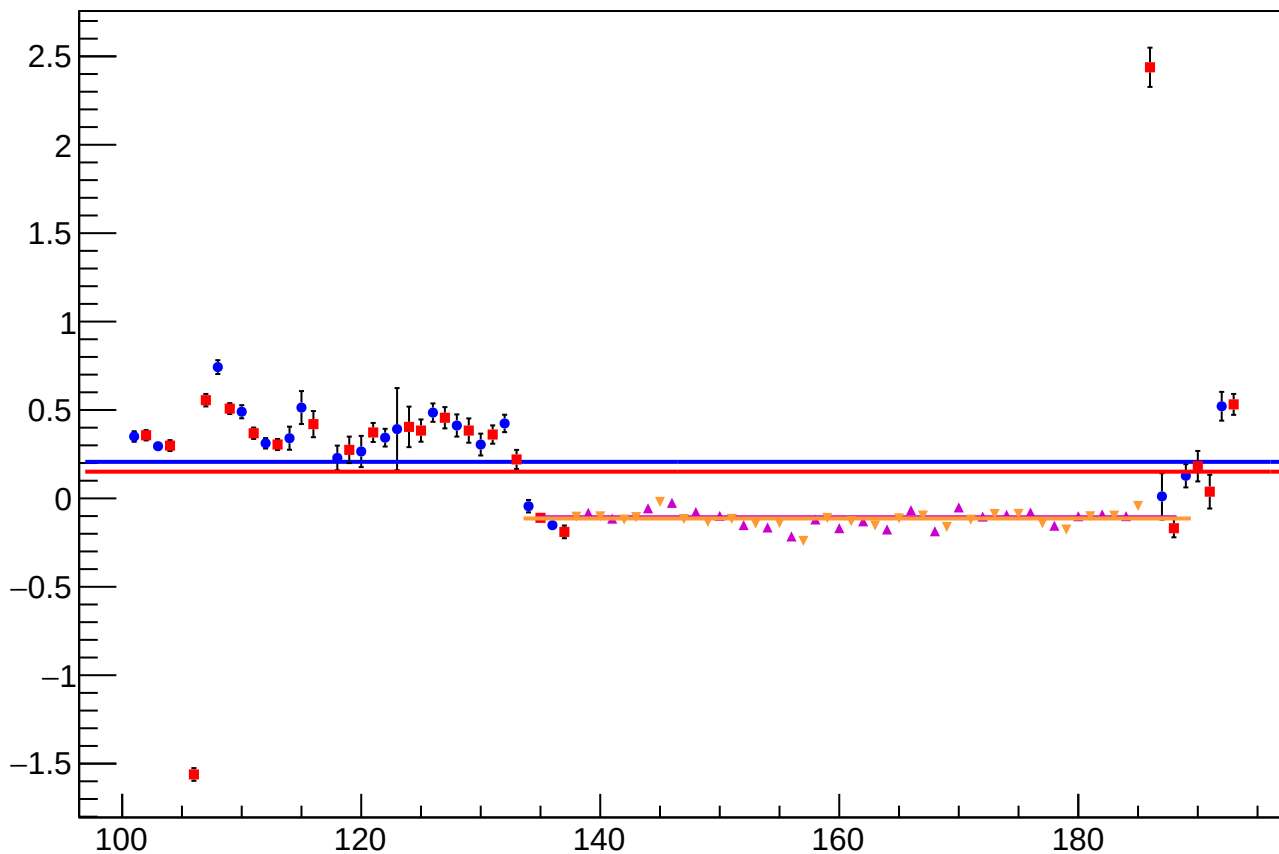
Left In: 23.804 ± 0.054 χ^2/NDF : 1760.4/22

+ sign 23.076 ± 0.051 χ^2/NDF : 12413.7/44

All: 22.942 ± 0.036 χ^2/NDF : 25129.5/90

- sign 22.806 ± 0.051 χ^2/NDF : 12701.9/45

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.009 χ^2/NDF : 864.8/19

Left Out: -0.114 ± 0.002 χ^2/NDF : 290.8/24

Right Out: 0.151 ± 0.009 χ^2/NDF : 3516.9/22

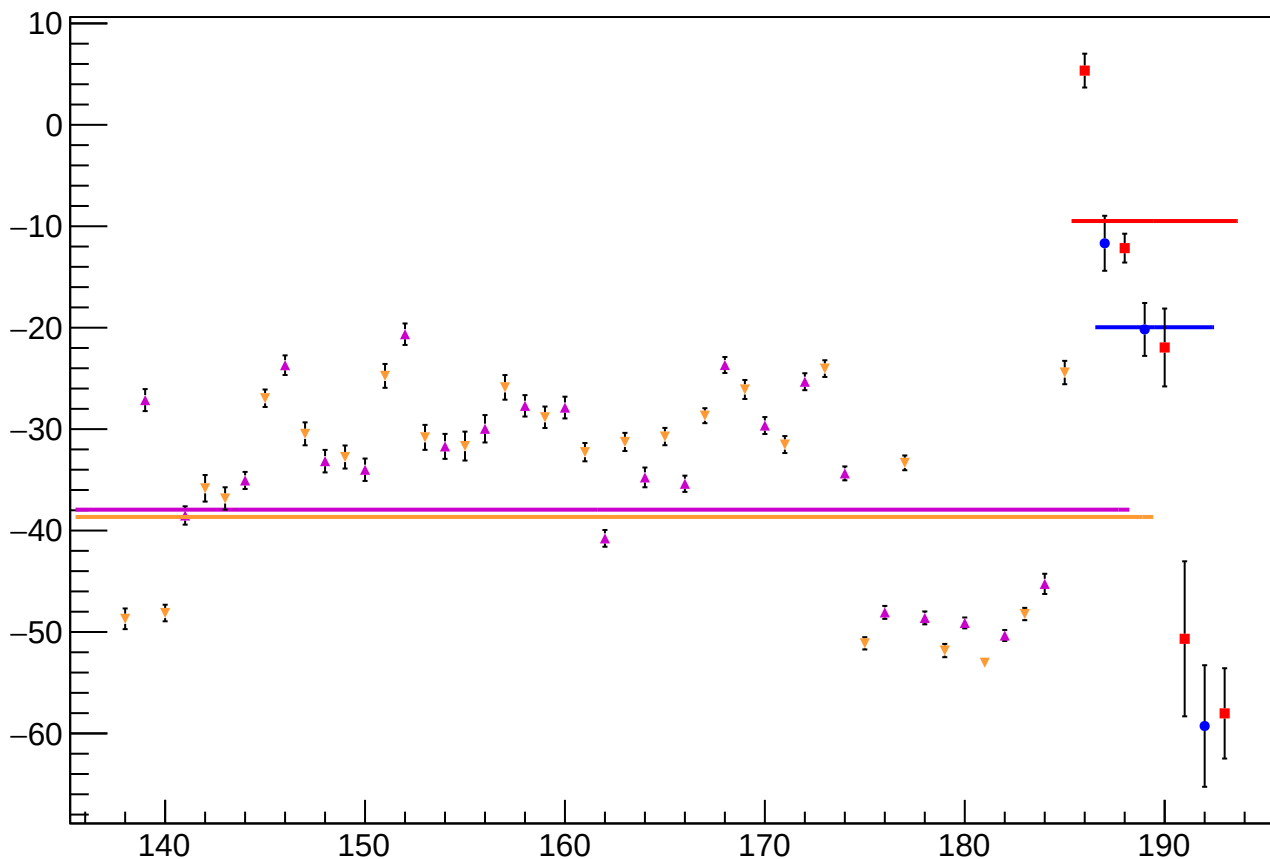
Left In: -0.107 ± 0.002 χ^2/NDF : 322.0/22

+ sign -0.093 ± 0.002 χ^2/NDF : 2292.0/44

All: -0.090 ± 0.002 χ^2/NDF : 6920.3/90

- sign -0.088 ± 0.002 χ^2/NDF : 4626.6/45

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -19.955 ± 1.793 χ^2/NDF : 52.4/2

Left Out: -38.660 ± 0.169 χ^2/NDF : 4073.8/24

Right Out: -9.484 ± 1.005 χ^2/NDF : 240.9/4

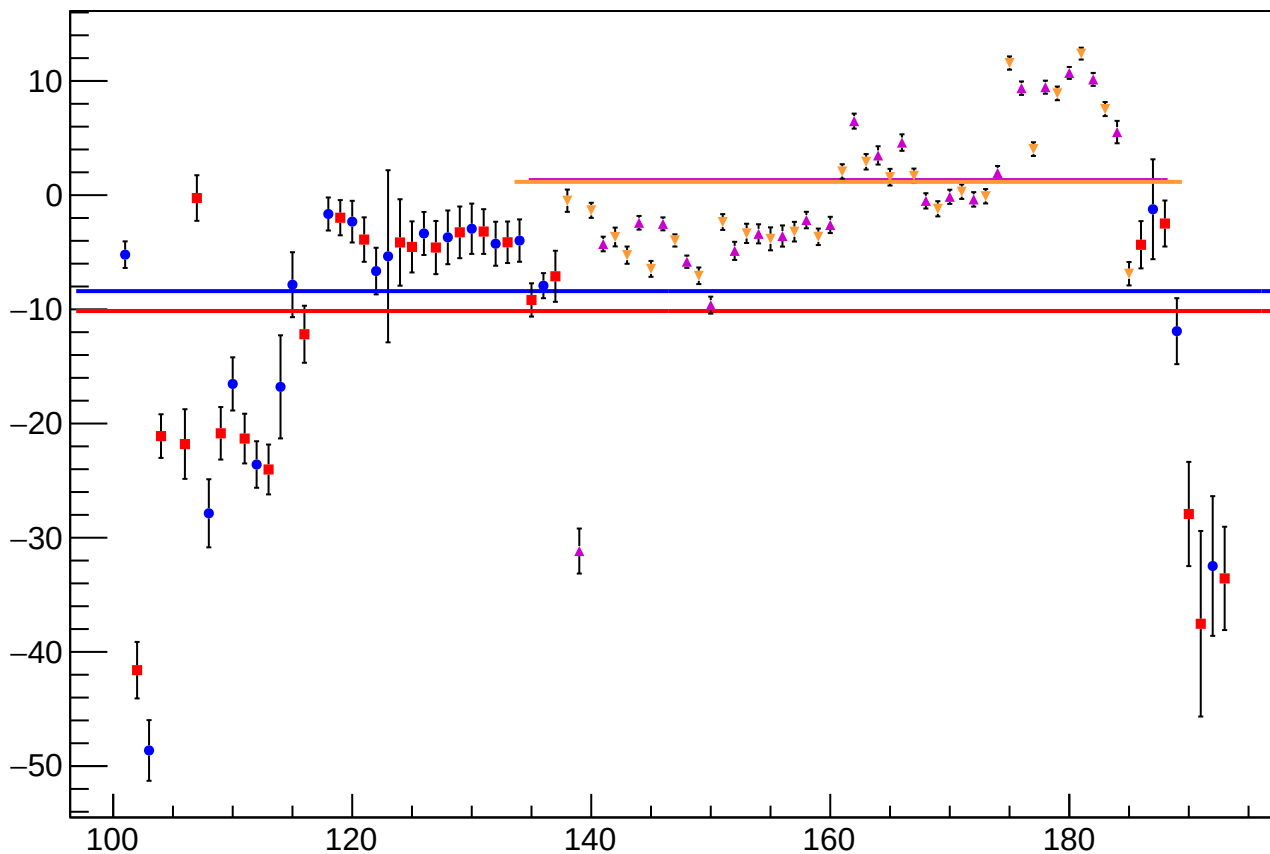
Left In: -37.939 ± 0.173 χ^2/NDF : 3133.2/22

+ sign -38.495 ± 0.169 χ^2/NDF : 4234.0/27

All: -37.816 ± 0.120 χ^2/NDF : 8419.2/55

- sign -37.125 ± 0.170 χ^2/NDF : 4152.5/27

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.404 ± 0.453 $\chi^2/\text{NDF}: 431.9/19$

Left Out: 1.163 ± 0.136 $\chi^2/\text{NDF}: 1786.1/24$

Right Out: -10.146 ± 0.460 $\chi^2/\text{NDF}: 486.5/22$

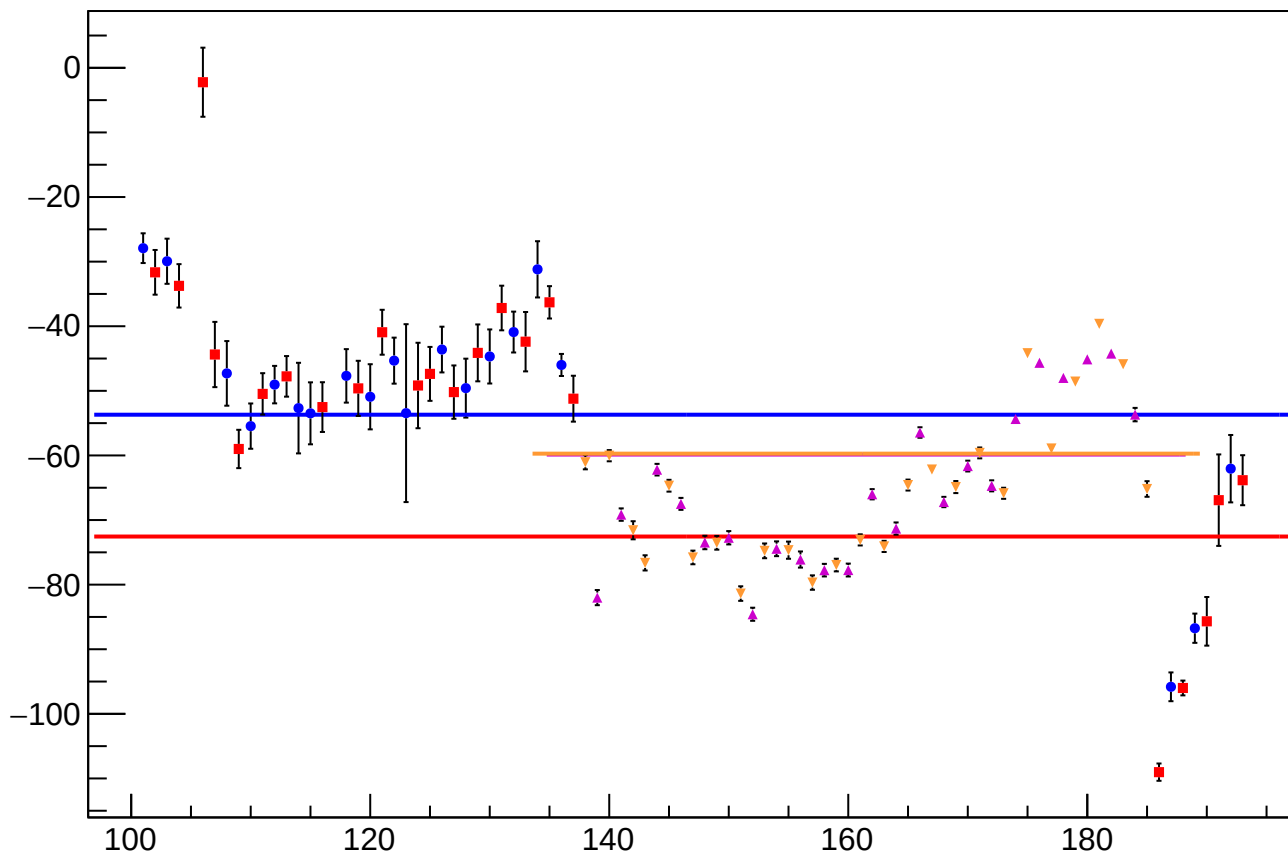
Left In: 1.319 ± 0.139 $\chi^2/\text{NDF}: 2080.7/22$

+ sign 0.367 ± 0.131 $\chi^2/\text{NDF}: 2627.6/44$

All: 0.360 ± 0.093 $\chi^2/\text{NDF}: 5763.7/90$

- sign 0.354 ± 0.133 $\chi^2/\text{NDF}: 3136.1/45$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -53.695 ± 0.731 χ^2/NDF : 834.4/19

Left Out: -59.724 ± 0.170 χ^2/NDF : 5789.8/24

Right Out: -72.553 ± 0.597 χ^2/NDF : 2439.0/22

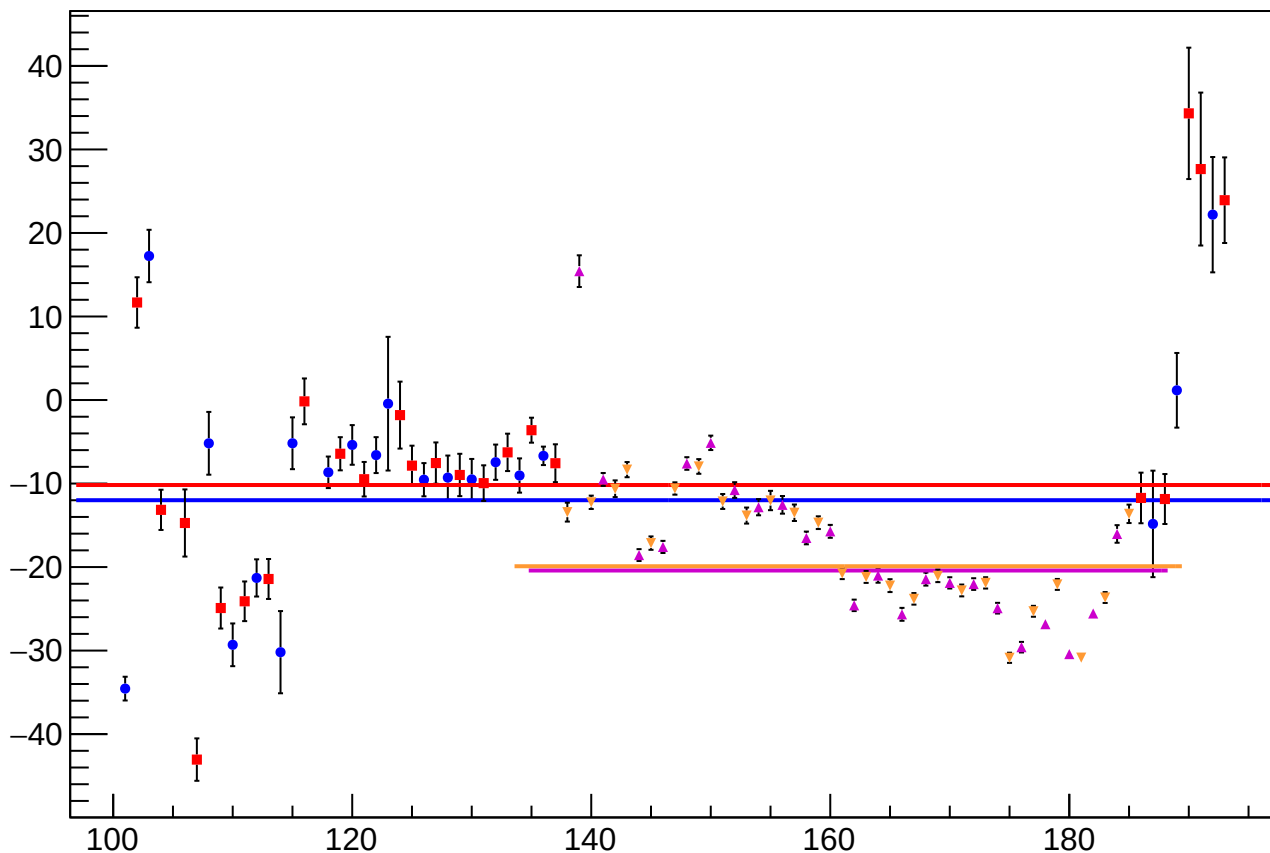
Left In: -59.864 ± 0.173 χ^2/NDF : 5275.1/22

+ sign -59.414 ± 0.166 χ^2/NDF : 6688.7/44

All: -60.128 ± 0.117 χ^2/NDF : 14856.1/90

- sign -60.842 ± 0.166 χ^2/NDF : 8130.3/45

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -11.995 ± 0.513 χ^2/NDF : 509.8/19

Left Out: -19.902 ± 0.153 χ^2/NDF : 1904.7/24

Right Out: -10.177 ± 0.531 χ^2/NDF : 456.4/22

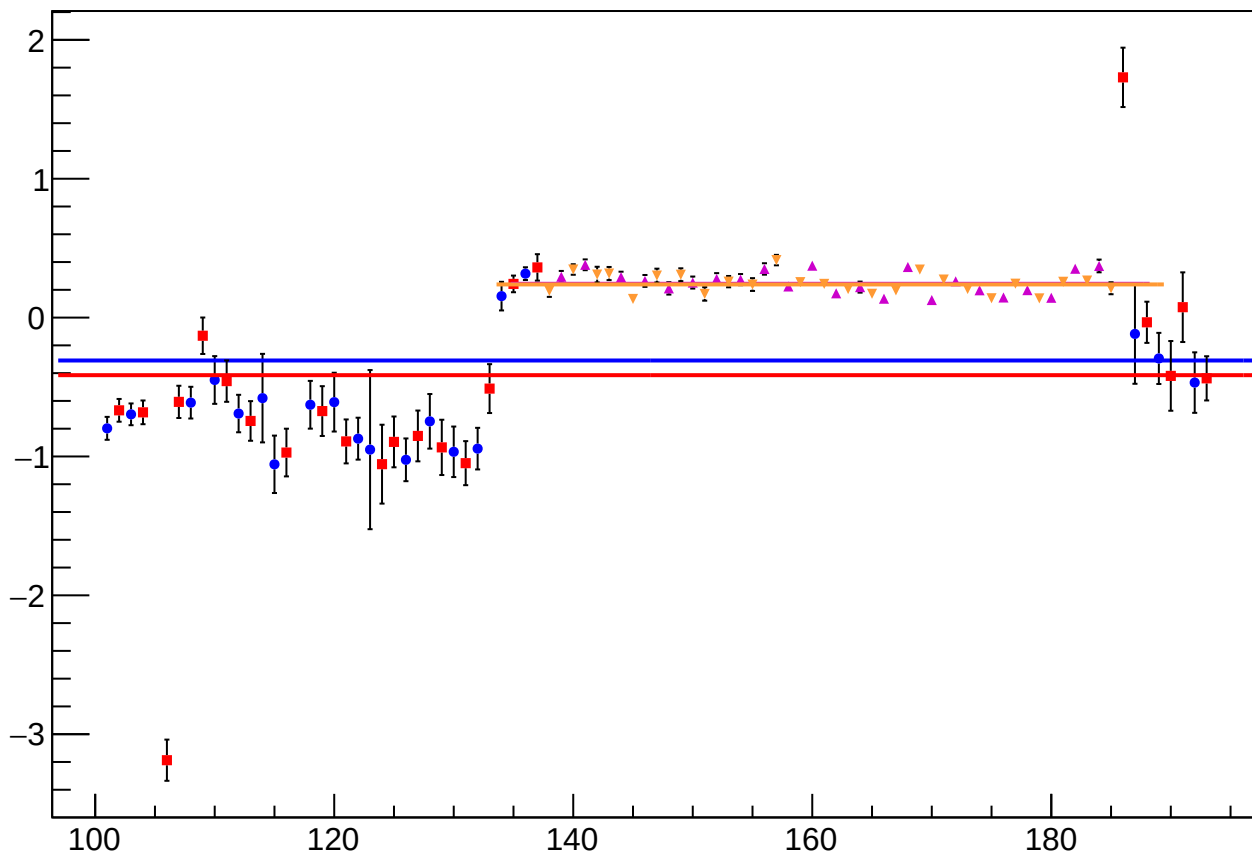
Left In: -20.412 ± 0.156 χ^2/NDF : 2345.4/22

+ sign -19.256 ± 0.147 χ^2/NDF : 2632.5/44

All: -19.423 ± 0.105 χ^2/NDF : 5778.5/90

- sign -19.598 ± 0.150 χ^2/NDF : 3143.4/45

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.309 ± 0.027 $\chi^2/\text{NDF}: 373.2/19$

Left Out: 0.239 ± 0.007 $\chi^2/\text{NDF}: 93.5/24$

Right Out: -0.415 ± 0.027 $\chi^2/\text{NDF}: 741.6/22$

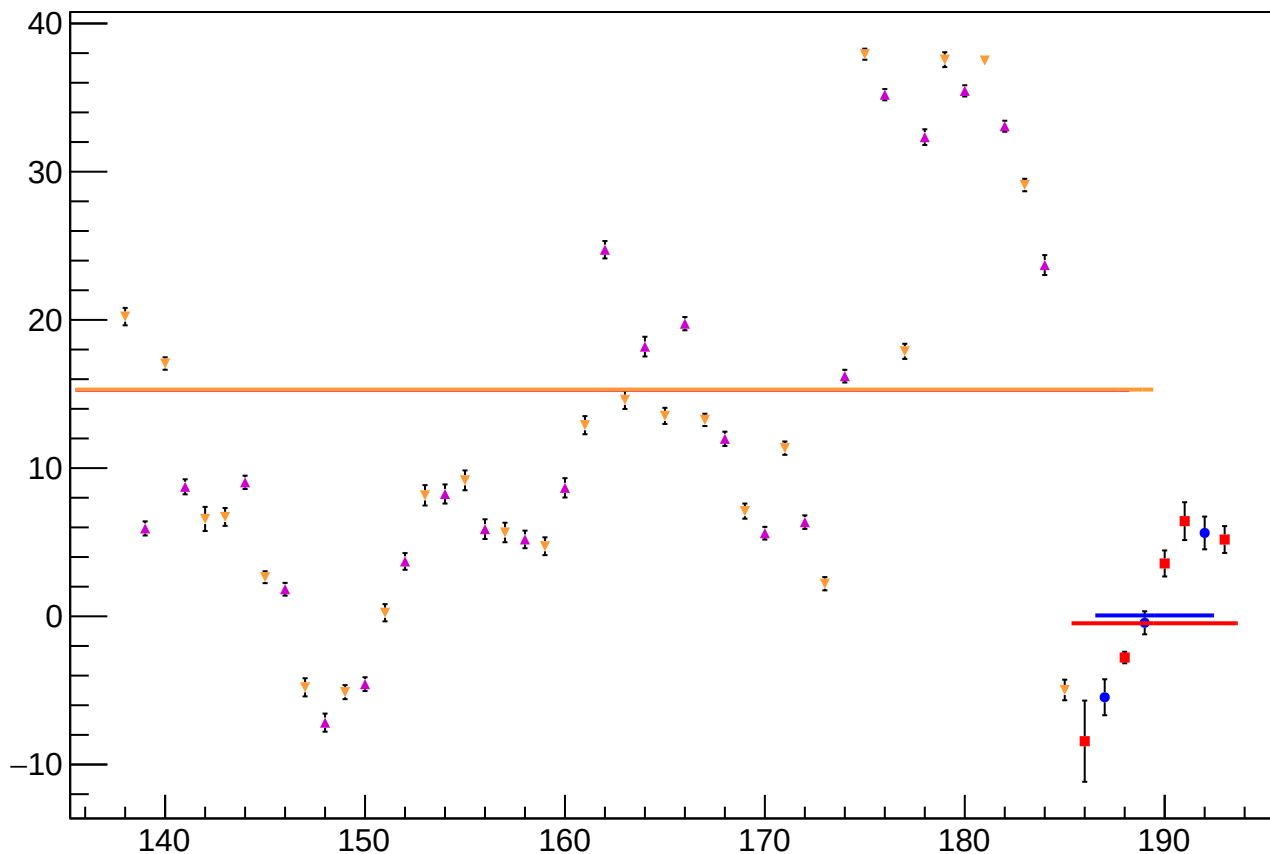
Left In: 0.243 ± 0.007 $\chi^2/\text{NDF}: 139.2/22$

+ sign 0.204 ± 0.007 $\chi^2/\text{NDF}: 854.2/44$

All: 0.202 ± 0.005 $\chi^2/\text{NDF}: 2285.3/90$

- sign -0.201 ± 0.007 $\chi^2/\text{NDF}: 1431.0/45$

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.060 ± 0.563 $\chi^2/\text{NDF}: 46.5/2$

Left Out: 15.298 ± 0.101 $\chi^2/\text{NDF}: 19135.0/24$

Right Out: -0.470 ± 0.318 $\chi^2/\text{NDF}: 132.8/4$

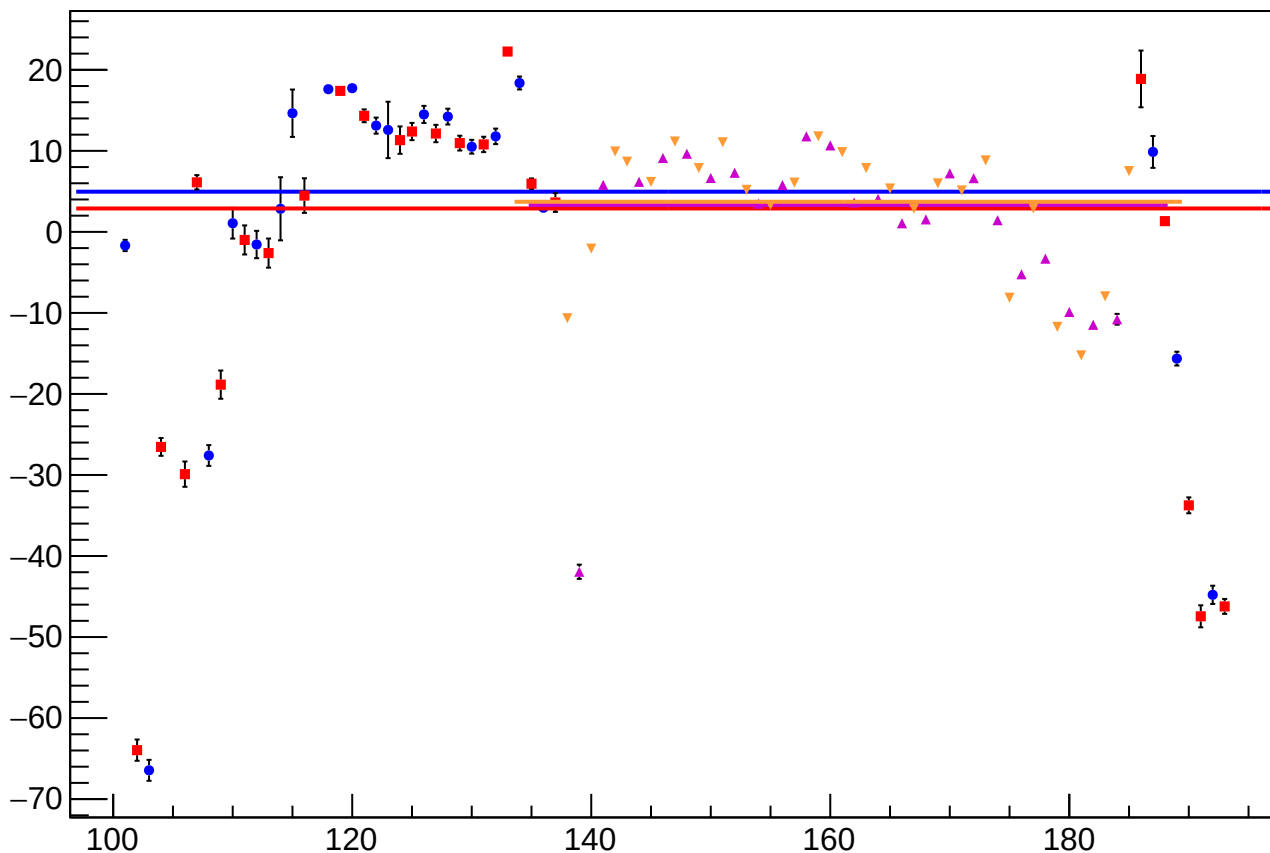
Left In: 15.268 ± 0.102 $\chi^2/\text{NDF}: 16406.3/22$

+ sign 14.827 ± 0.099 $\chi^2/\text{NDF}: 19890.7/27$

All: 14.303 ± 0.069 $\chi^2/\text{NDF}: 38701.2/55$

- sign 13.799 ± 0.097 $\chi^2/\text{NDF}: 18755.7/27$

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 4.960 ± 0.204 χ^2/NDF : 8119.0/19

Left Out: 3.717 ± 0.079 χ^2/NDF : 9201.0/24

Right Out: 2.889 ± 0.190 χ^2/NDF : 12637.5/22

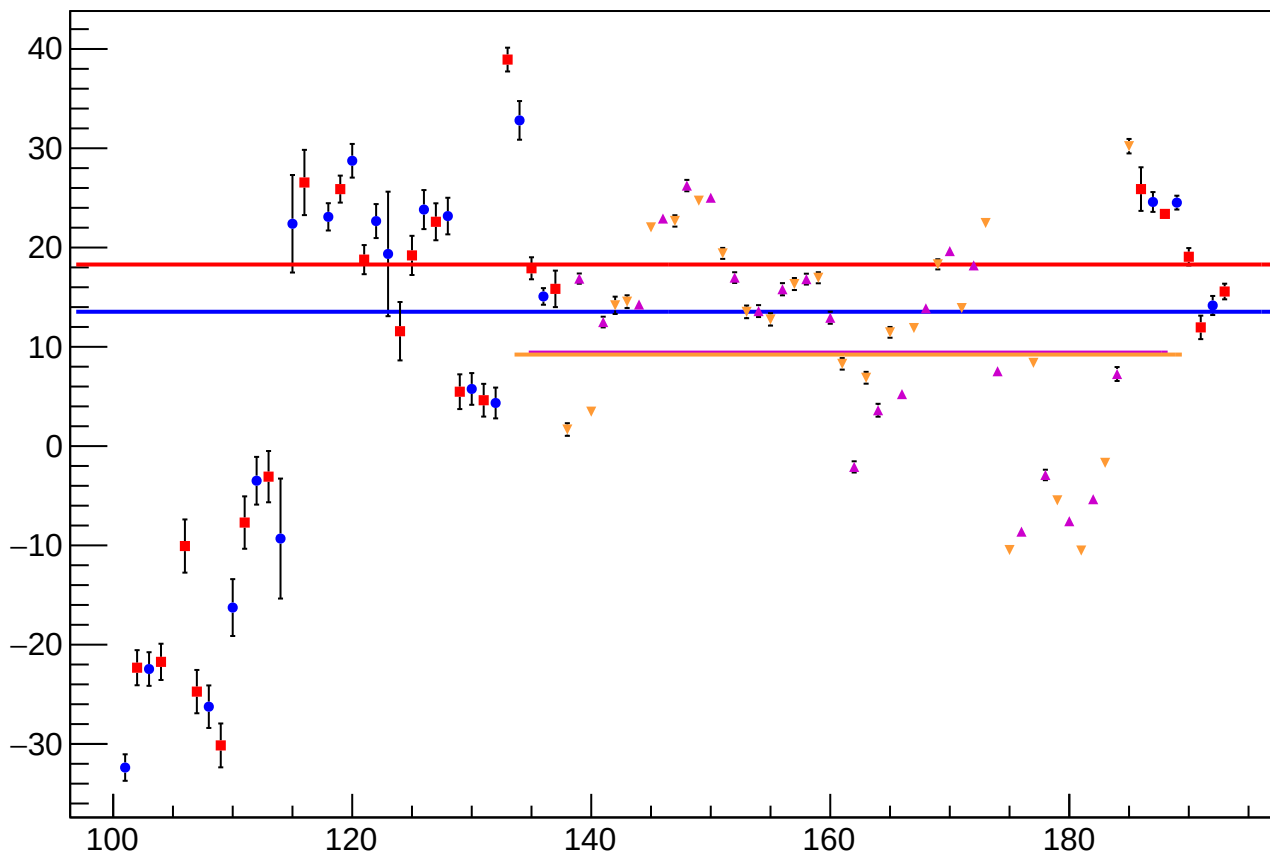
Left In: 3.327 ± 0.081 χ^2/NDF : 8830.5/22

+ sign 3.879 ± 0.074 χ^2/NDF : 17352.3/44

All: 3.573 ± 0.052 χ^2/NDF : 38859.9/90

- sign 3.259 ± 0.074 χ^2/NDF : 21472.6/45

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 13.532 $\pm$ 0.317 χ^2 /NDF: 2898.9/19

Left Out: 9.220 $\pm$ 0.101 χ^2 /NDF:13617.0/24

Right Out: 18.291 $\pm$ 0.226 χ^2 /NDF: 2938.6/22

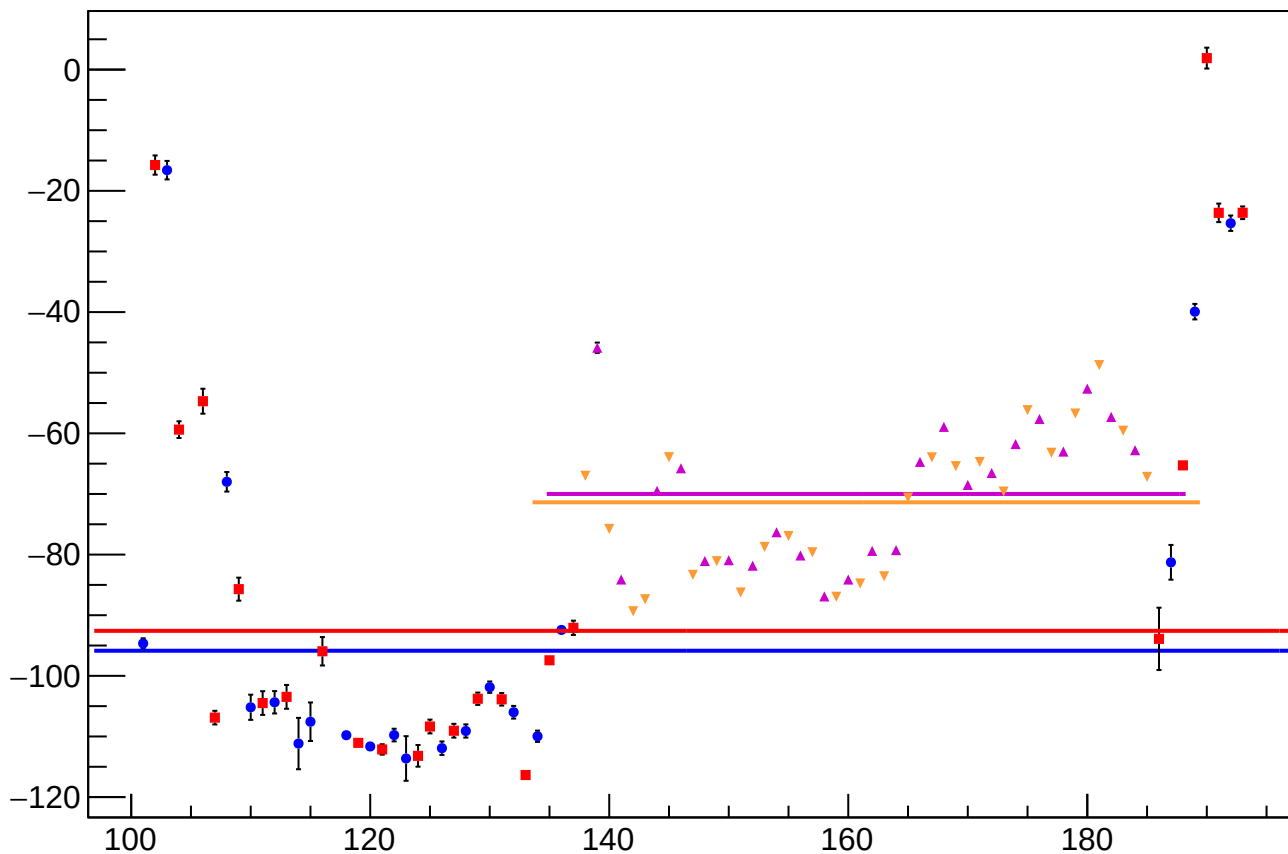
Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

+ sign 9.617 $\pm$ 0.096 χ^2 /NDF: 16683.4/44

All: 10.293 $\pm$ 0.067 χ^2 /NDF: 33077.1/90

- sign 10.923 $\pm$ 0.093 χ^2 /NDF: 16298.6/45

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -95.859 ± 0.238 $\chi^2/\text{NDF}: 9925.5/19$

Left Out: -71.379 ± 0.089 $\chi^2/\text{NDF}: 16226.2/24$

Right Out: -92.577 ± 0.226 $\chi^2/\text{NDF}: 17849.4/22$

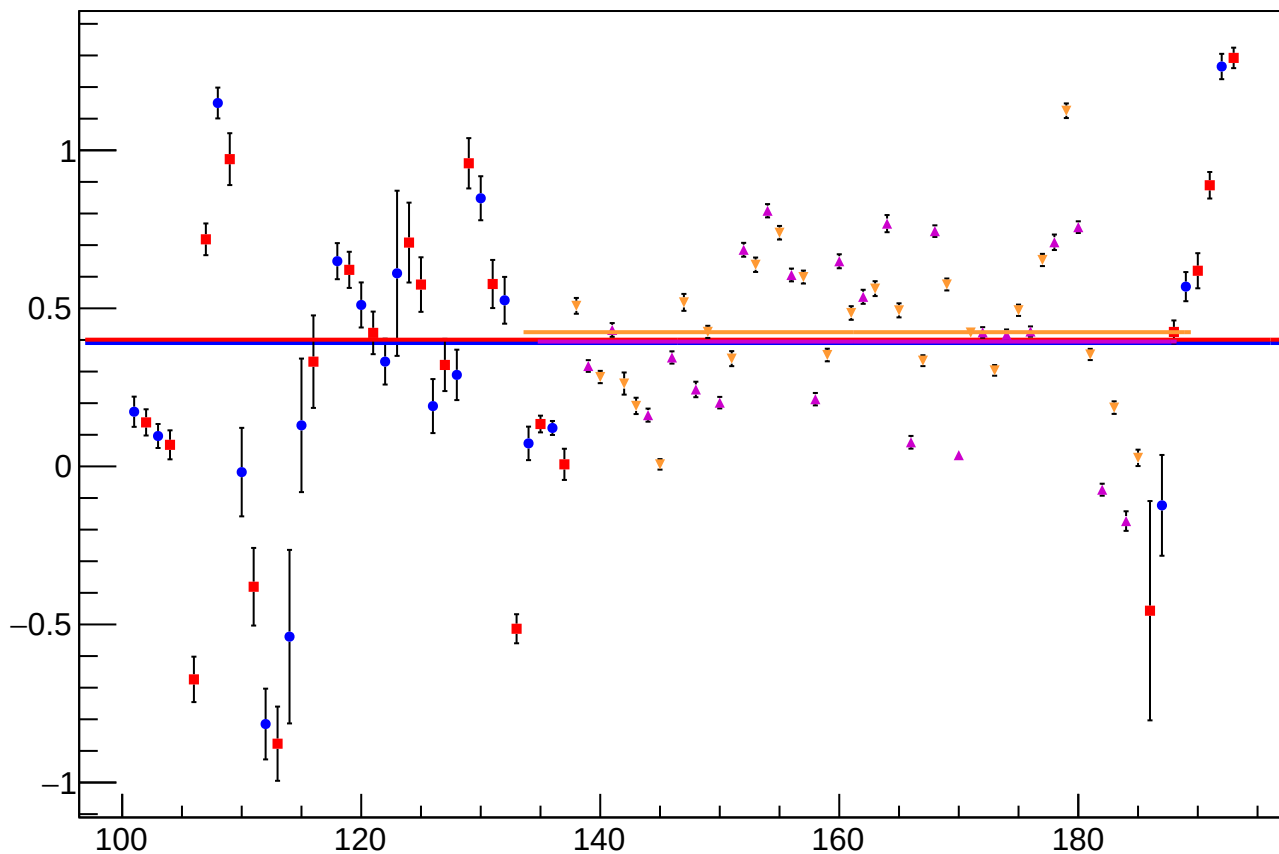
Left In: -69.999 ± 0.091 $\chi^2/\text{NDF}: 13188.0/22$

+ sign -74.404 ± 0.084 $\chi^2/\text{NDF}: 35400.3/44$

All: -73.800 ± 0.060 $\chi^2/\text{NDF}: 75144.7/90$

- sign -73.182 ± 0.085 $\chi^2/\text{NDF}: 39639.2/45$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.390 ± 0.012 χ^2/NDF : 1223.9/19

Left Out: 0.425 ± 0.004 χ^2/NDF : 2866.9/24

Right Out: 0.401 ± 0.011 χ^2/NDF : 2121.1/22

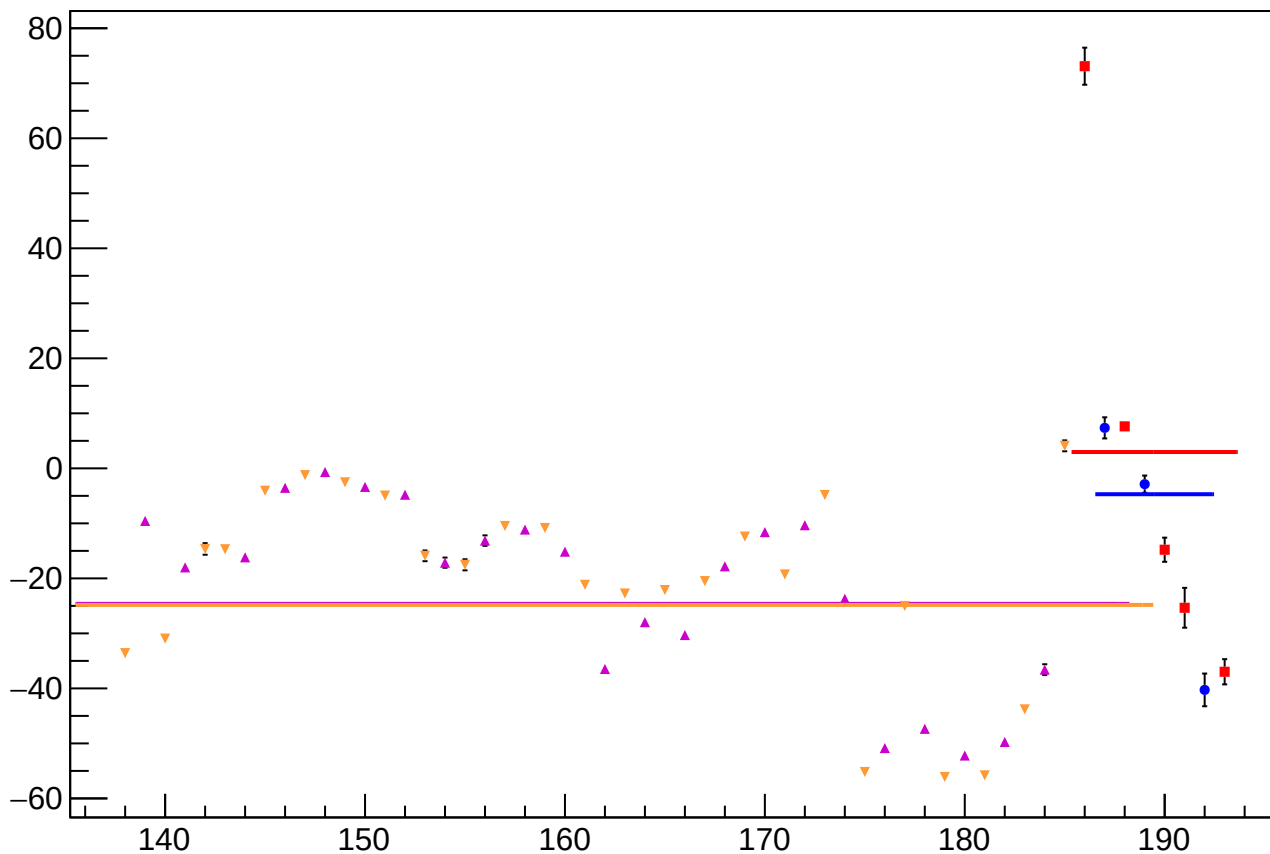
Left In: 0.395 ± 0.004 χ^2/NDF : 4063.1/22

+ sign 0.421 ± 0.004 χ^2/NDF : 4097.8/44

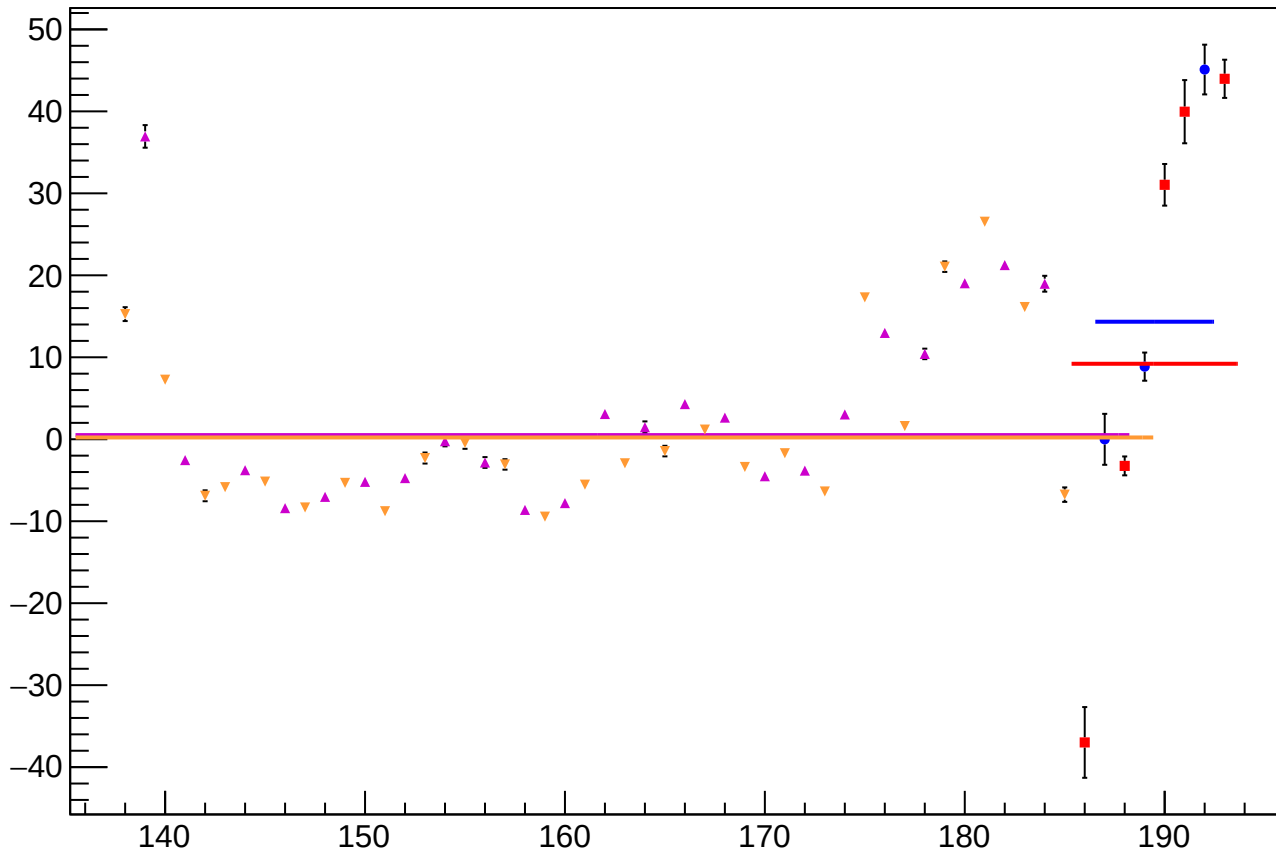
All: 0.408 ± 0.003 χ^2/NDF : 10304.1/90

- sign 0.396 ± 0.004 χ^2/NDF : 6184.5/45

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 14.338 $\pm$ 1.347 χ^2 /NDF: 134.3/2

Left Out: 0.218 $\pm$ 0.109 χ^2 /NDF: 8252.6/24

Right Out: 9.208 $\pm$ 0.908 χ^2 /NDF: 591.7/4

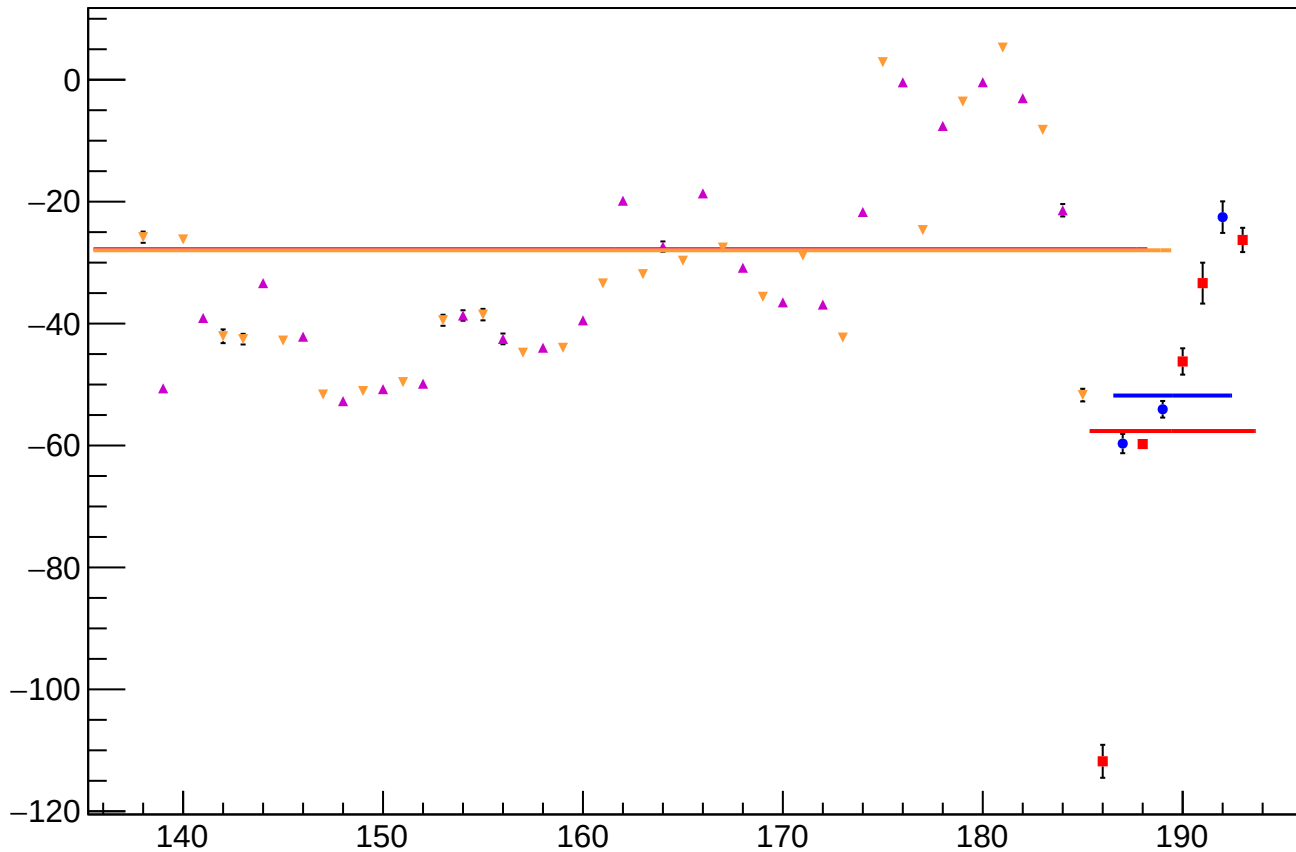
Left In: 0.507 $\pm$ 0.112 χ^2 /NDF: 6626.9/22

+ sign 0.309 $\pm$ 0.108 χ^2 /NDF: 8496.1/27

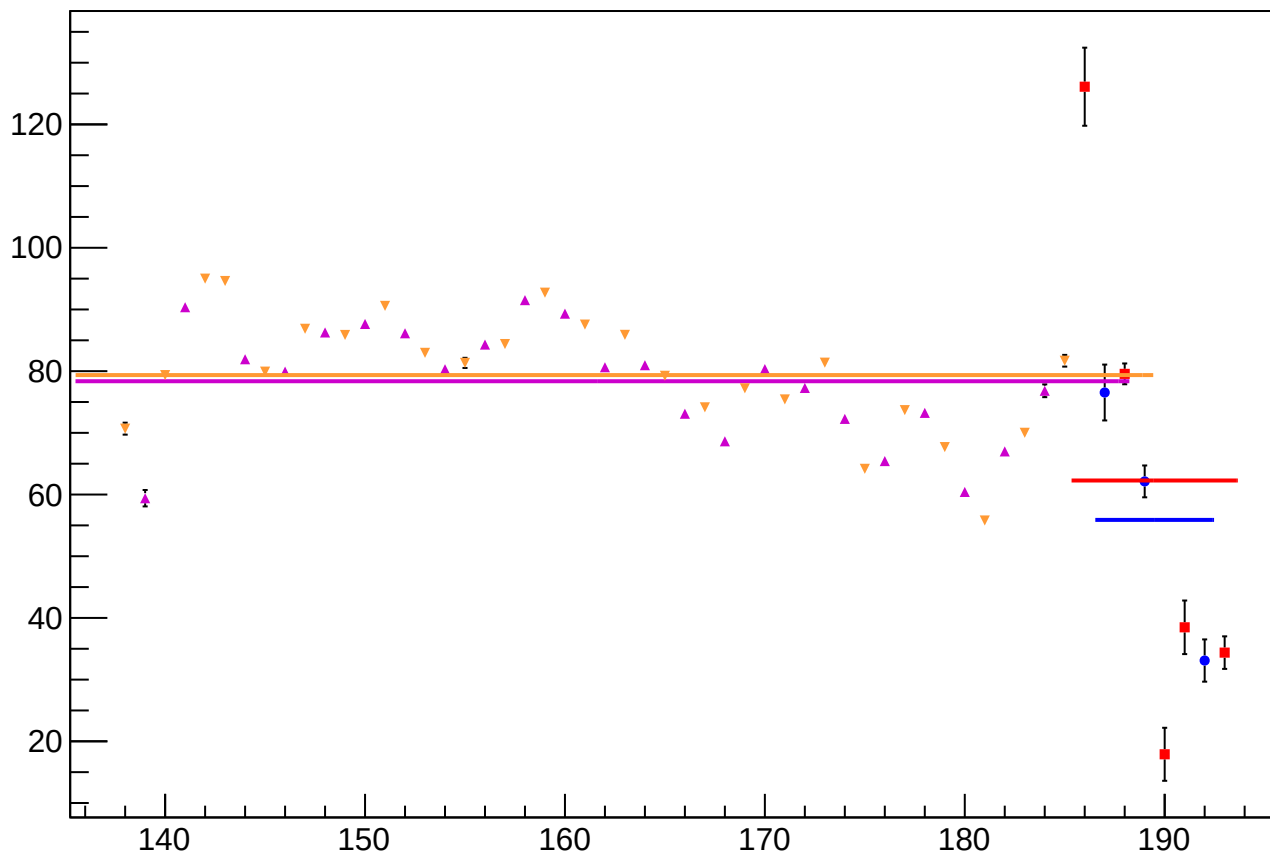
All: 0.469 $\pm$ 0.078 χ^2 /NDF: 15809.7/55

- sign 0.637 $\pm$ 0.111 χ^2 /NDF: 7309.1/27

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 55.890 $\pm$ 1.876 χ^2 /NDF: 70.9/2

Left Out: 79.364 $\pm$ 0.123 χ^2 /NDF: 5966.3/24

Right Out: 62.277 $\pm$ 1.262 χ^2 /NDF: 455.3/4

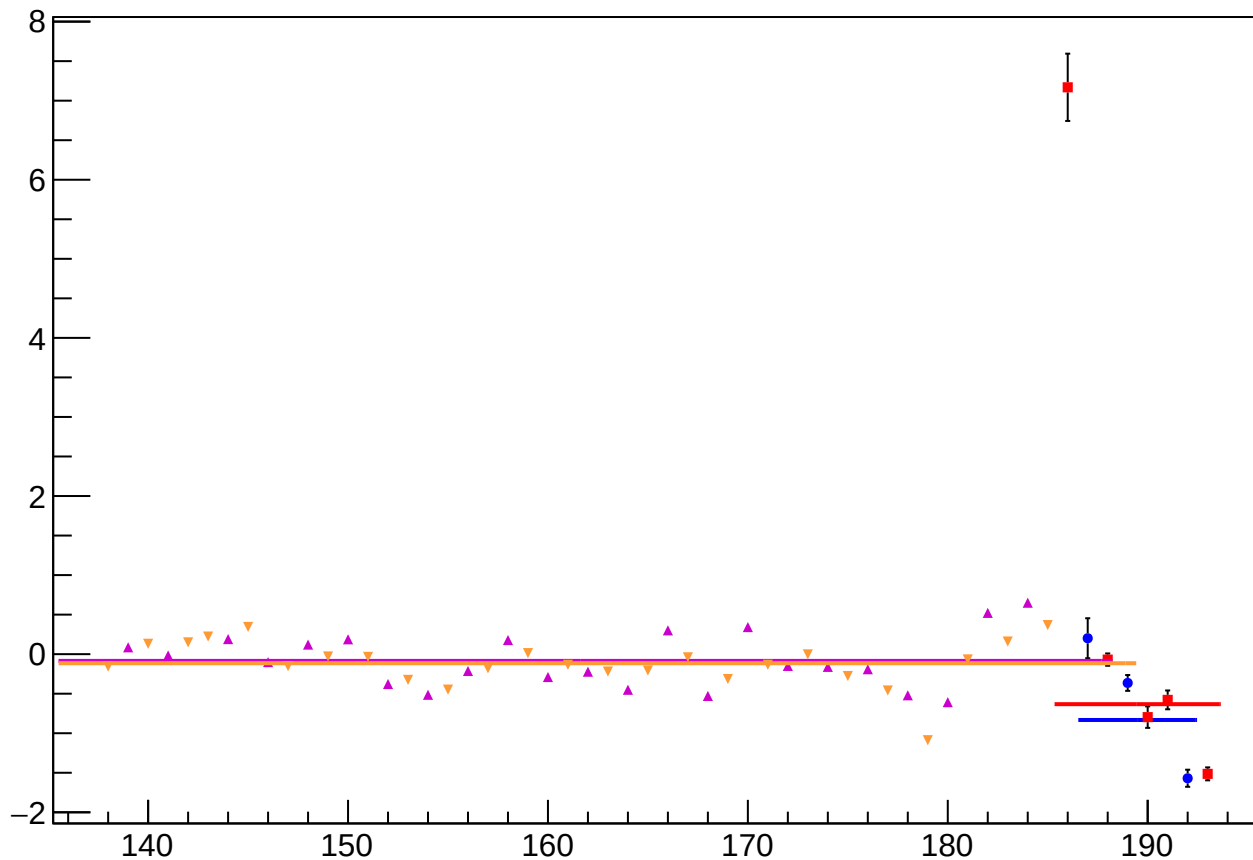
Left In: 78.367 $\pm$ 0.126 χ^2 /NDF: 4735.5/22

+ sign 79.262 $\pm$ 0.123 χ^2 /NDF: 6193.1/27

All: 78.745 $\pm$ 0.088 χ^2 /NDF: 11580.6/55

- sign 78.207 $\pm$ 0.126 χ^2 /NDF: 5351.6/27

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.832 ± 0.070 χ^2/NDF : 85.2/2

Left Out: -0.115 ± 0.006 χ^2/NDF : 2288.7/24

Right Out: -0.633 ± 0.047 χ^2/NDF : 506.0/4

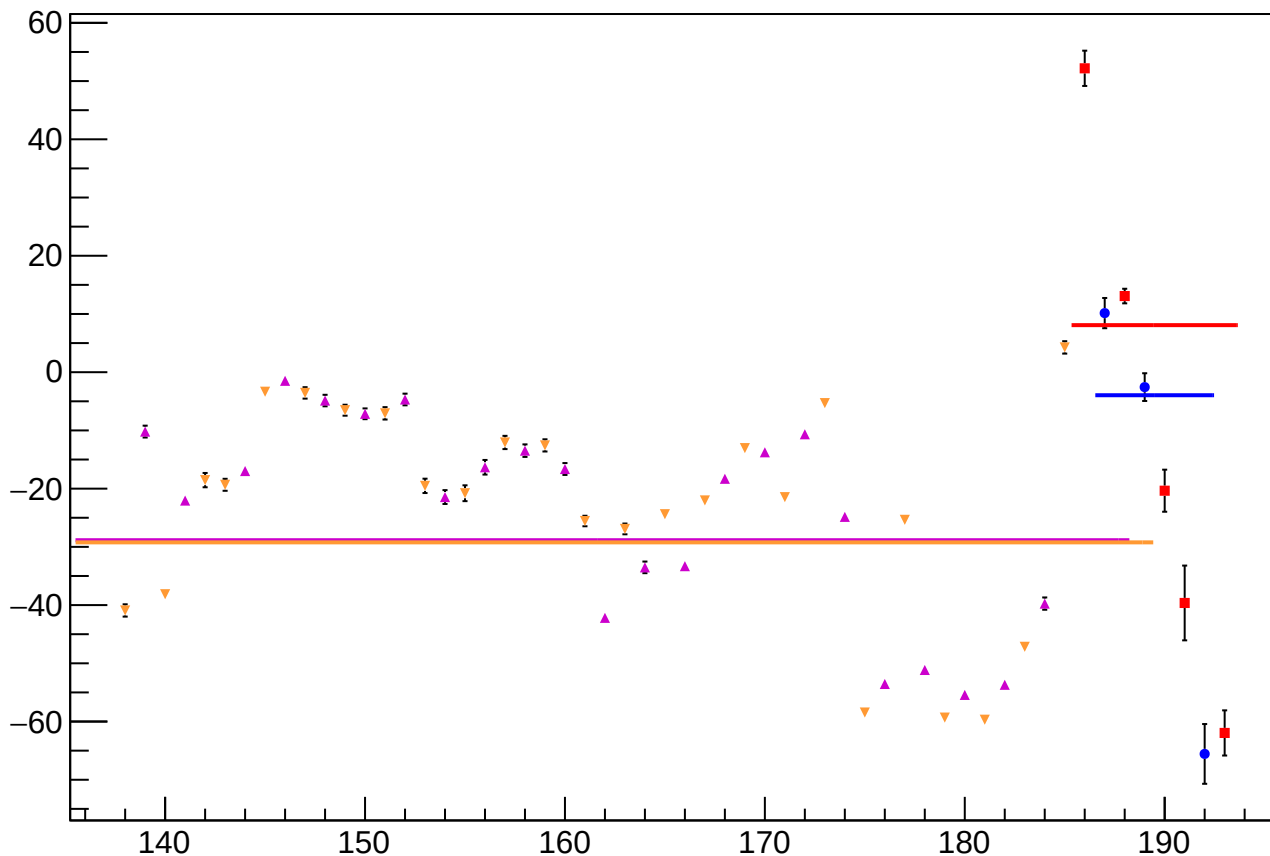
Left In: -0.085 ± 0.006 χ^2/NDF : 3148.4/22

+ sign -0.119 ± 0.006 χ^2/NDF : 2477.0/27

All: -0.106 ± 0.004 χ^2/NDF : 6273.3/55

- sign -0.093 ± 0.006 χ^2/NDF : 3785.6/27

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -3.956+/-1.660 χ^2/NDF : 174.0/2

Left Out: -29.227+/-0.157 χ^2/NDF :16880.0/24

Right Out: 8.082+/-1.046 χ^2/NDF : 671.0/4

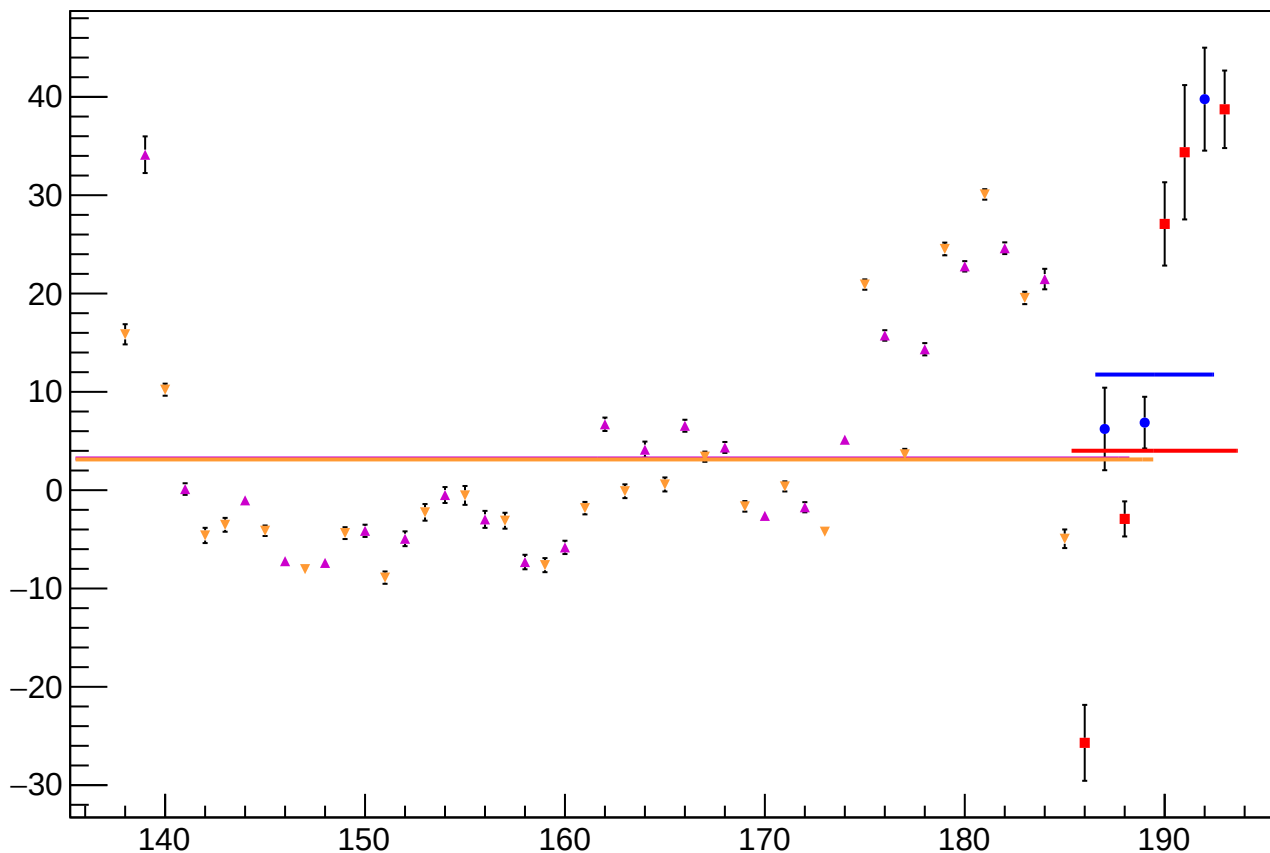
Left In: -28.857+/-0.159 χ^2/NDF :13553.6/22

+ sign -29.003+/-0.156 χ^2/NDF : 17283.6/27

All: -28.516+/-0.111 χ^2/NDF : 32746.7/55

- sign -28.022+/-0.157 χ^2/NDF : 15443.5/27

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 11.759+/-2.050 χ^2/NDF : 33.8/2

Left Out: 3.126+/-0.125 χ^2/NDF : 8049.0/24

Right Out: 4.011+/-1.384 χ^2/NDF : 201.3/4

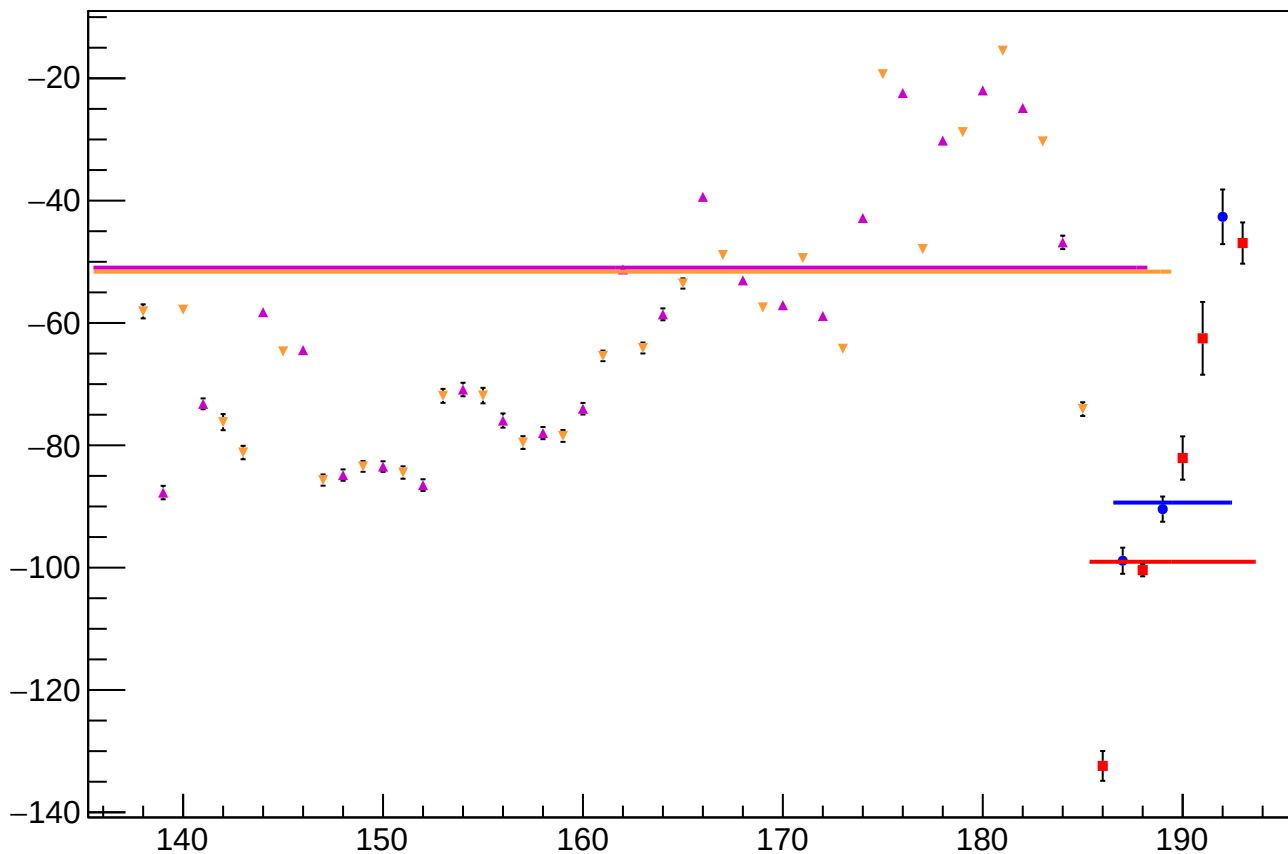
Left In: 3.224+/-0.127 χ^2/NDF : 6274.0/22

+ sign 3.157+/-0.124 χ^2/NDF : 8100.5/27

All: 3.194+/-0.089 χ^2/NDF : 14576.3/55

- sign 3.231+/-0.126 χ^2/NDF : 6475.6/27

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -89.363 $\pm$ 1.406 χ^2 /NDF: 129.5/2

Left Out: -51.610 $\pm$ 0.158 χ^2 /NDF:19384.9/24

Right Out: -99.042 $\pm$ 0.863 χ^2 /NDF: 489.1/4

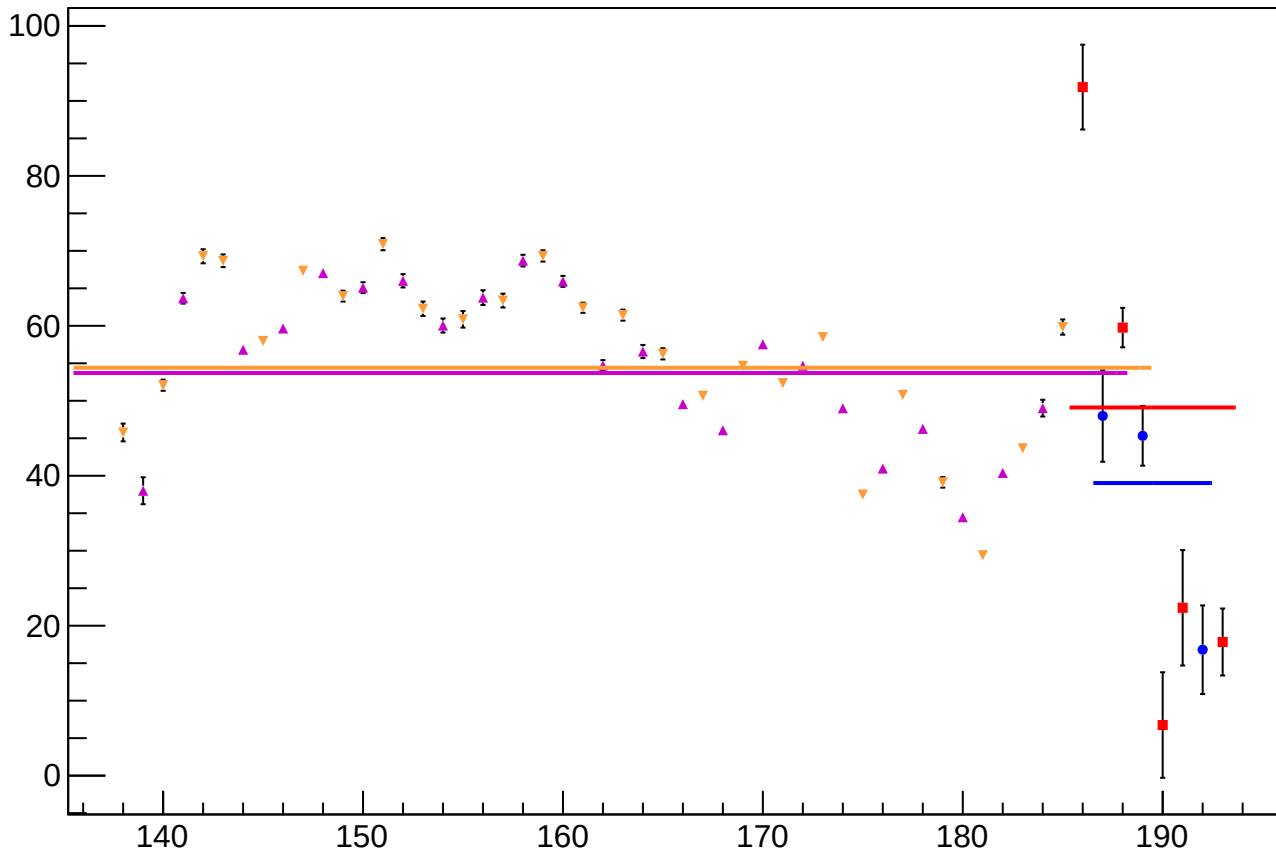
Left In: -50.954 $\pm$ 0.159 χ^2 /NDF:17472.2/22

+ sign -52.081 $\pm$ 0.157 χ^2 /NDF: 20226.2/27

All: -52.312 $\pm$ 0.111 χ^2 /NDF: 41195.8/55

- sign -52.542 $\pm$ 0.157 χ^2 /NDF: 20965.3/27

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 39.030 $\pm$ 2.906 χ^2 /NDF: 18.8/2

Left Out: 54.407 $\pm$ 0.141 χ^2 /NDF: 6200.4/24

Right Out: 49.104 $\pm$ 1.951 χ^2 /NDF: 170.7/4

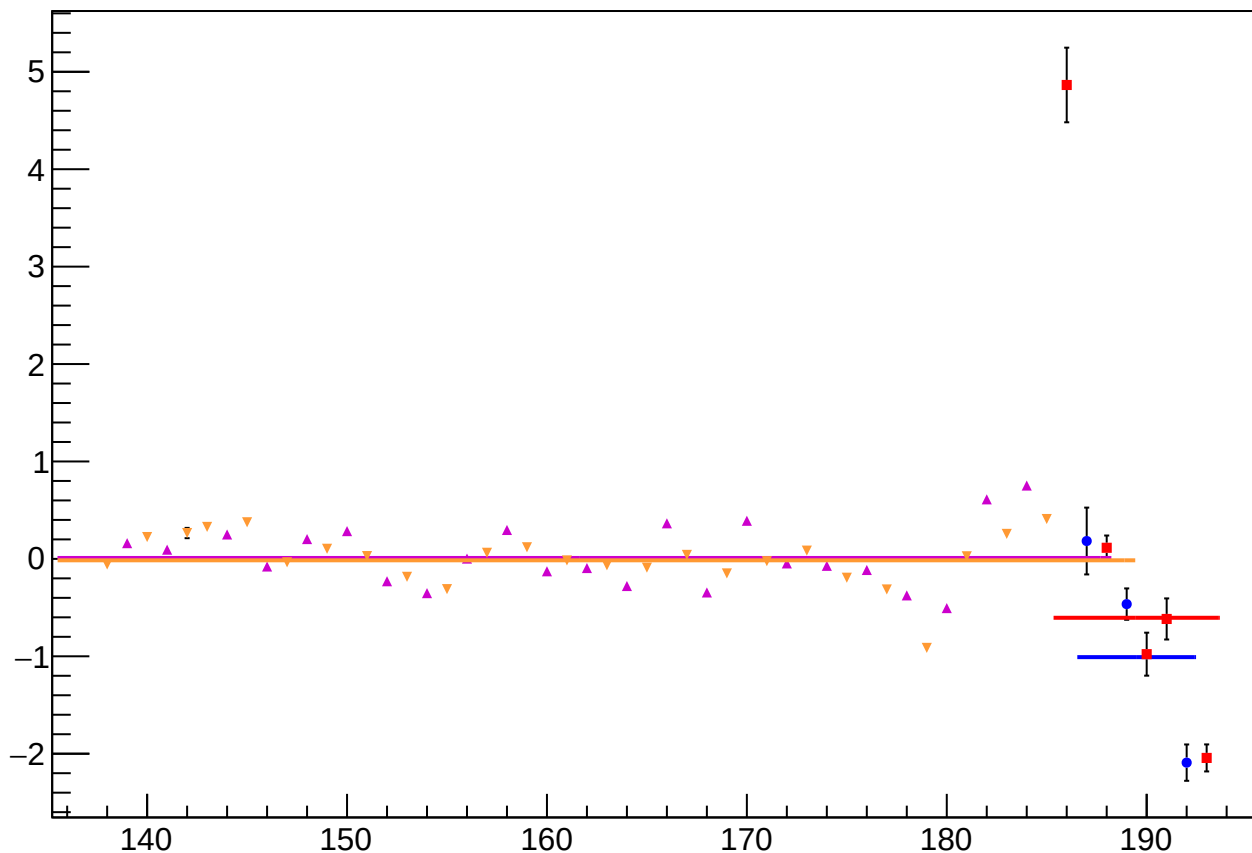
Left In: 53.704 $\pm$ 0.143 χ^2 /NDF: 4603.5/22

+ sign 54.371 $\pm$ 0.140 χ^2 /NDF: 6247.2/27

All: 54.029 $\pm$ 0.100 χ^2 /NDF: 11038.9/55

- sign 53.679 $\pm$ 0.142 χ^2 /NDF: 4779.8/27

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -1.009 ± 0.115 χ^2/NDF : 57.2/2

Left Out: -0.015 ± 0.006 χ^2/NDF : 1645.9/24

Right Out: -0.605 ± 0.078 χ^2/NDF : 346.9/4

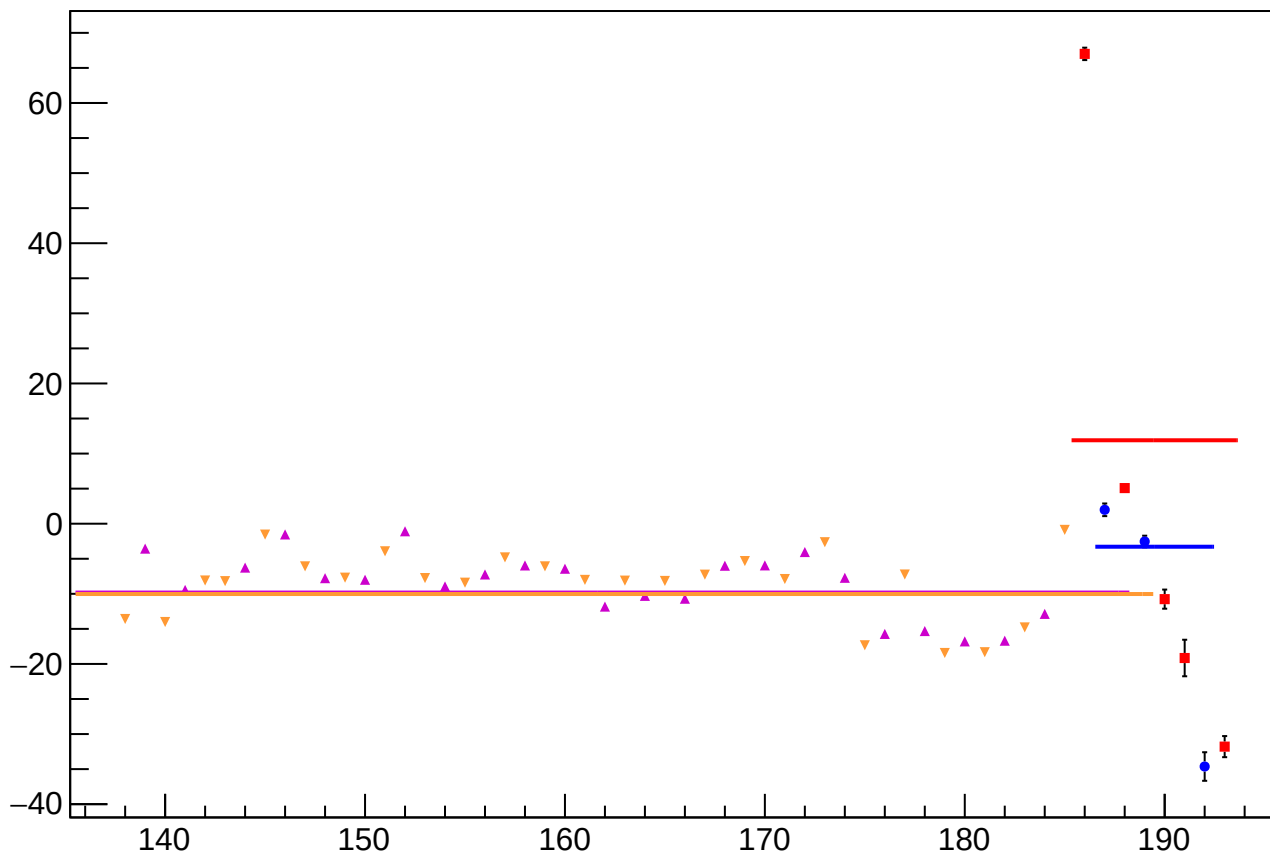
Left In: 0.009 ± 0.007 χ^2/NDF : 2228.9/22

+ sign -0.018 ± 0.006 χ^2/NDF : 1777.8/27

All: -0.006 ± 0.005 χ^2/NDF : 4421.7/55

- sign 0.005 ± 0.007 χ^2/NDF : 2637.6/27

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -3.283 ± 0.585 χ^2/NDF : 271.7/2

Left Out: -10.030 ± 0.051 χ^2/NDF : 12530.2/24

Right Out: 11.898 ± 0.367 χ^2/NDF : 5372.9/4

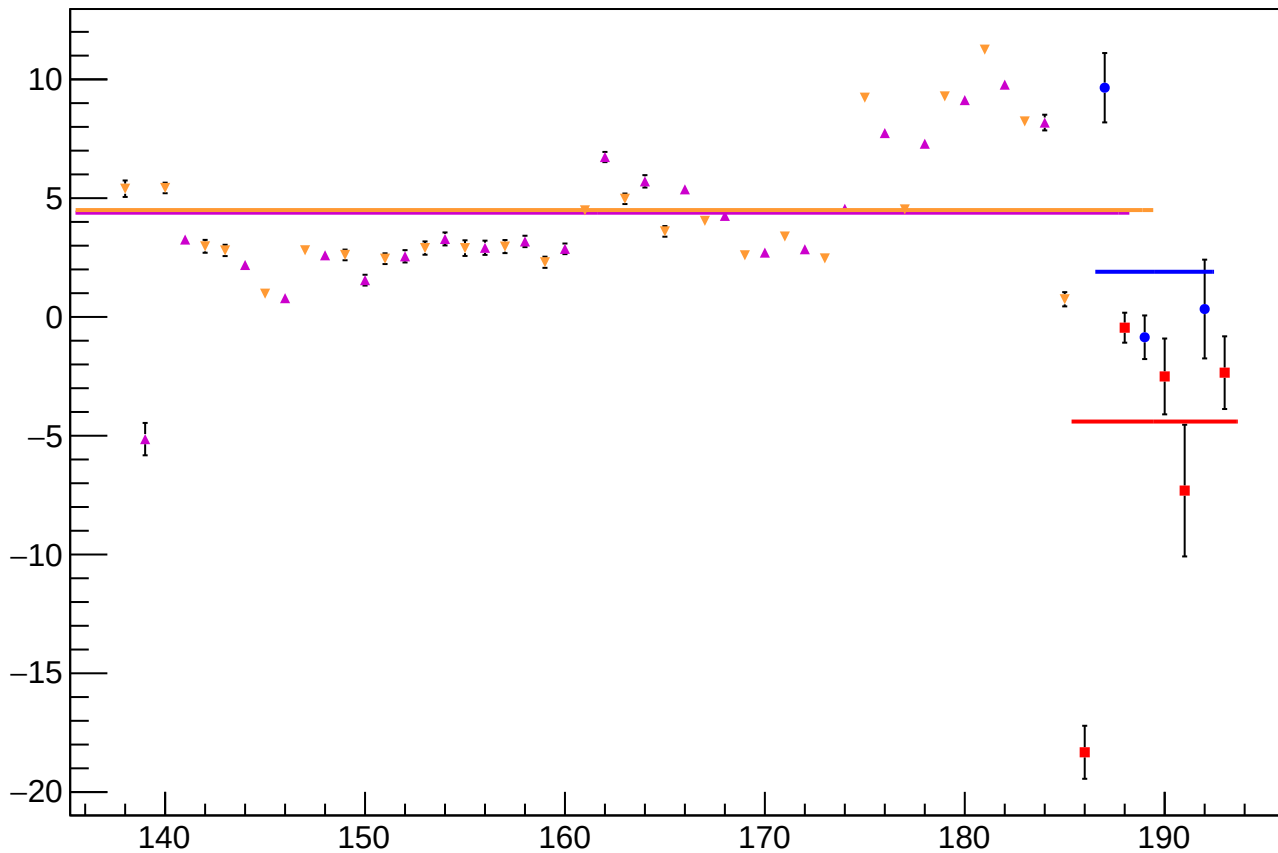
Left In: -9.820 ± 0.051 χ^2/NDF : 9468.8/22

+ sign -9.979 ± 0.051 χ^2/NDF : 12934.0/27

All: -9.693 ± 0.036 χ^2/NDF : 31282.3/55

- sign -9.405 ± 0.051 χ^2/NDF : 18283.9/27

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 1.902 $\pm$ 0.728 χ^2 /NDF: 37.7/2

Left Out: 4.499 $\pm$ 0.041 χ^2 /NDF: 4809.3/24

Right Out: -4.403 $\pm$ 0.484 χ^2 /NDF: 199.1/4

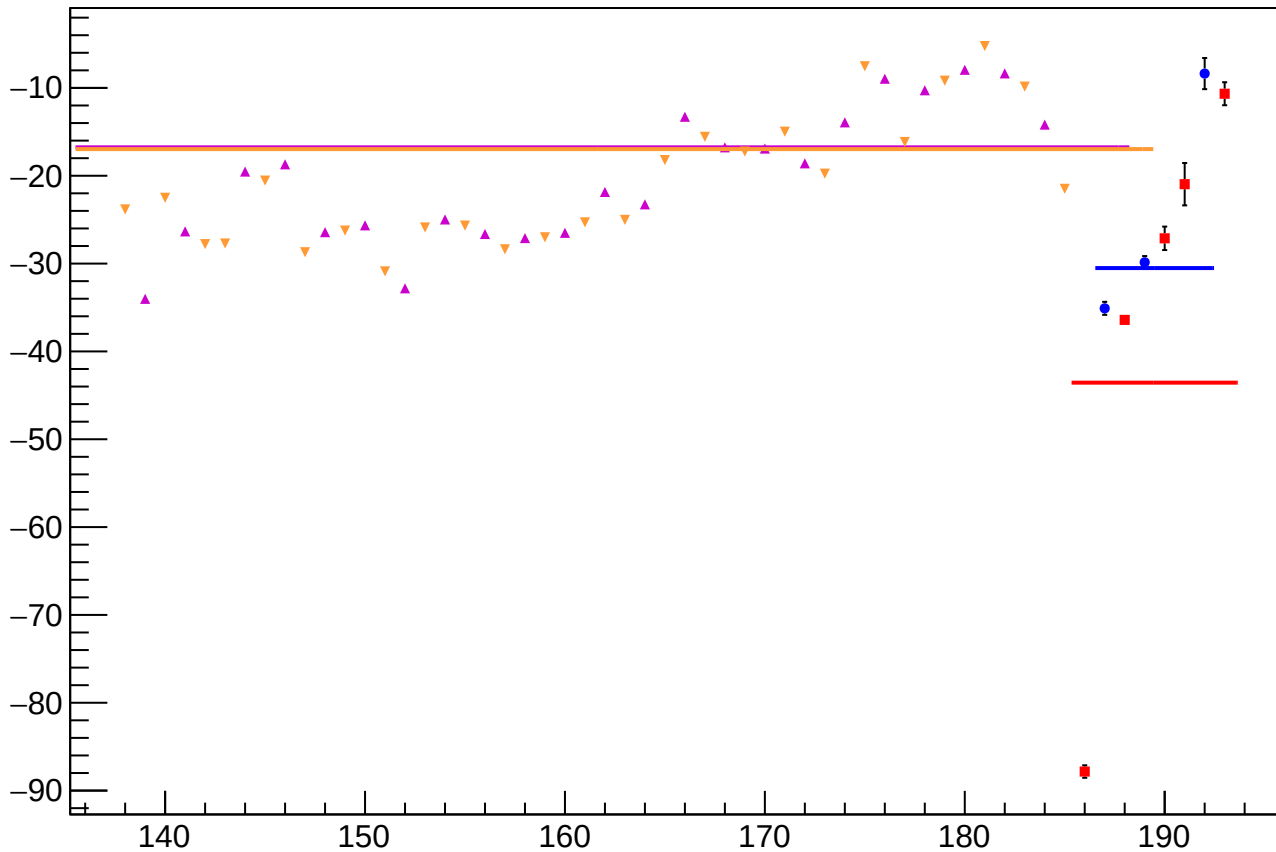
Left In: 4.388 $\pm$ 0.041 χ^2 /NDF: 4266.4/22

+ sign 4.490 $\pm$ 0.041 χ^2 /NDF: 4859.7/27

All: 4.408 $\pm$ 0.029 χ^2 /NDF: 9660.8/55

- sign 4.325 $\pm$ 0.041 χ^2 /NDF: 4792.9/27

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -30.510 ± 0.493 χ^2/NDF : 195.1/2

Left Out: -16.965 ± 0.051 χ^2/NDF : 21902.1/24

Right Out: -43.556 ± 0.301 χ^2/NDF : 5145.1/4

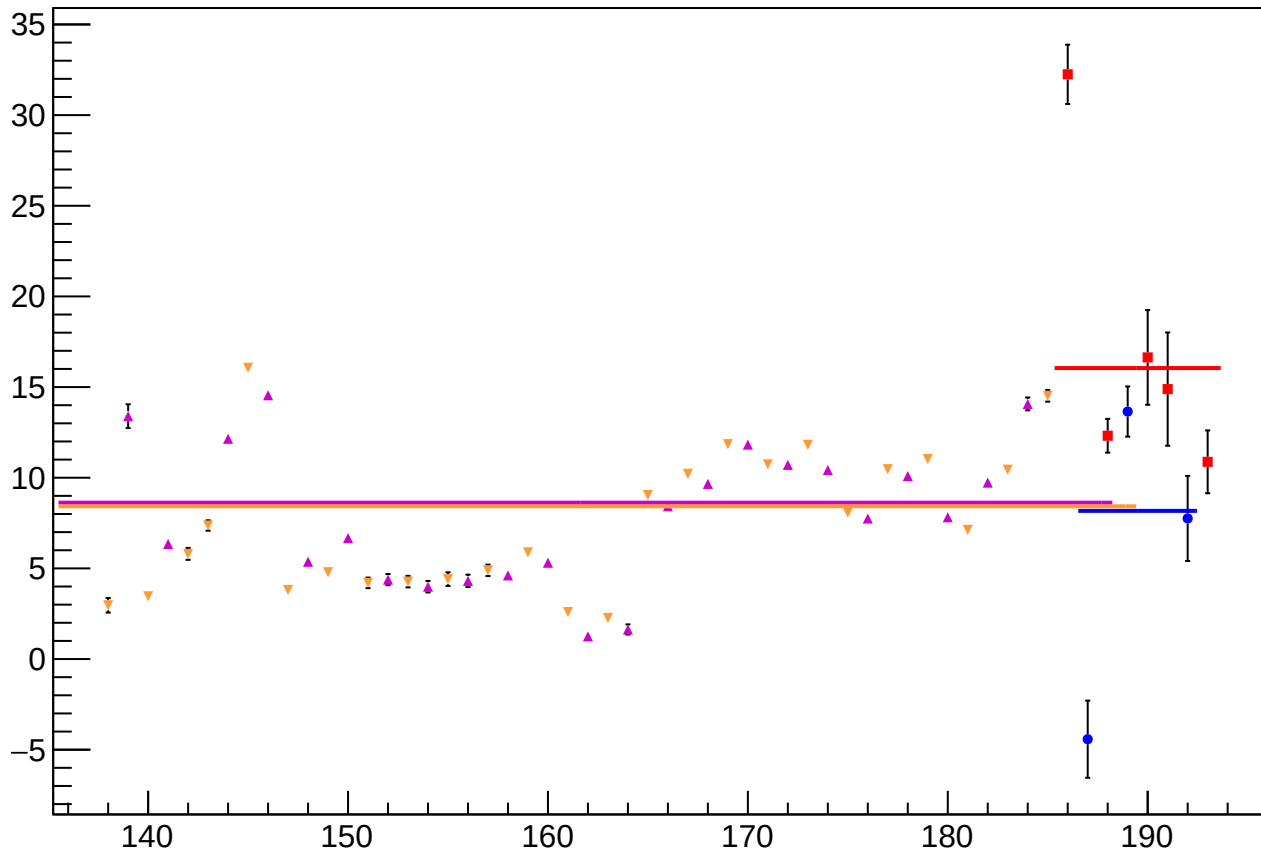
Left In: -16.764 ± 0.051 χ^2/NDF : 19037.7/22

+ sign -17.110 ± 0.051 χ^2/NDF : 22844.7/27

All: -17.316 ± 0.036 χ^2/NDF : 54756.2/55

- sign -17.521 ± 0.051 χ^2/NDF : 31878.7/27

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 8.172 ± 1.040 $\chi^2/\text{NDF}: 50.7/2$

Left Out: 8.424 ± 0.046 $\chi^2/\text{NDF}: 6478.6/24$

Right Out: 16.049 ± 0.689 $\chi^2/\text{NDF}: 123.3/4$

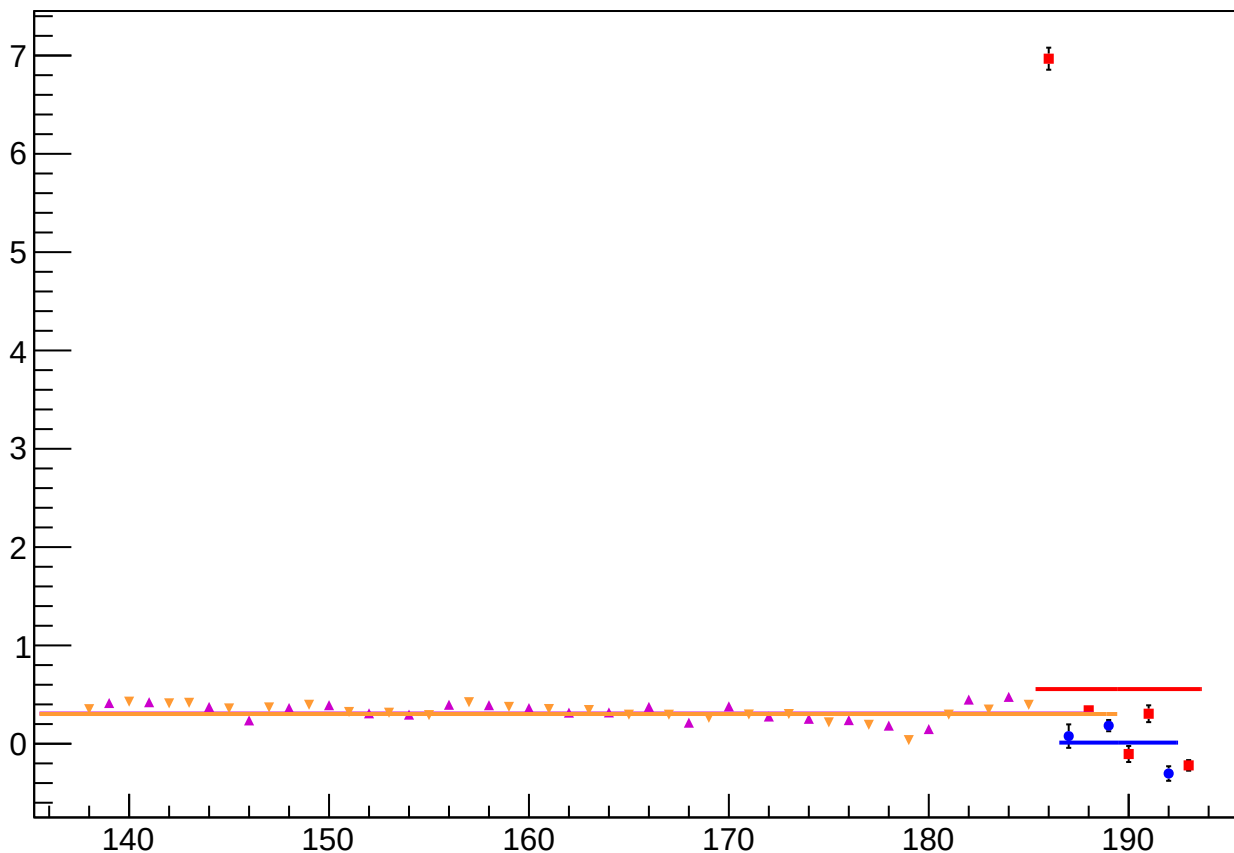
Left In: 8.626 ± 0.046 $\chi^2/\text{NDF}: 5531.9/22$

+ sign 8.423 ± 0.046 $\chi^2/\text{NDF}: 6529.4/27$

All: 8.540 ± 0.032 $\chi^2/\text{NDF}: 12313.4/55$

- sign 8.659 ± 0.046 $\chi^2/\text{NDF}: 5770.8/27$

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.011 $\pm$ 0.042 χ^2 /NDF: 27.5/2

Left Out: 0.302 $\pm$ 0.002 χ^2 /NDF:1589.8/24

Right Out: 0.556 $\pm$ 0.029 χ^2 /NDF: 3571.7/4

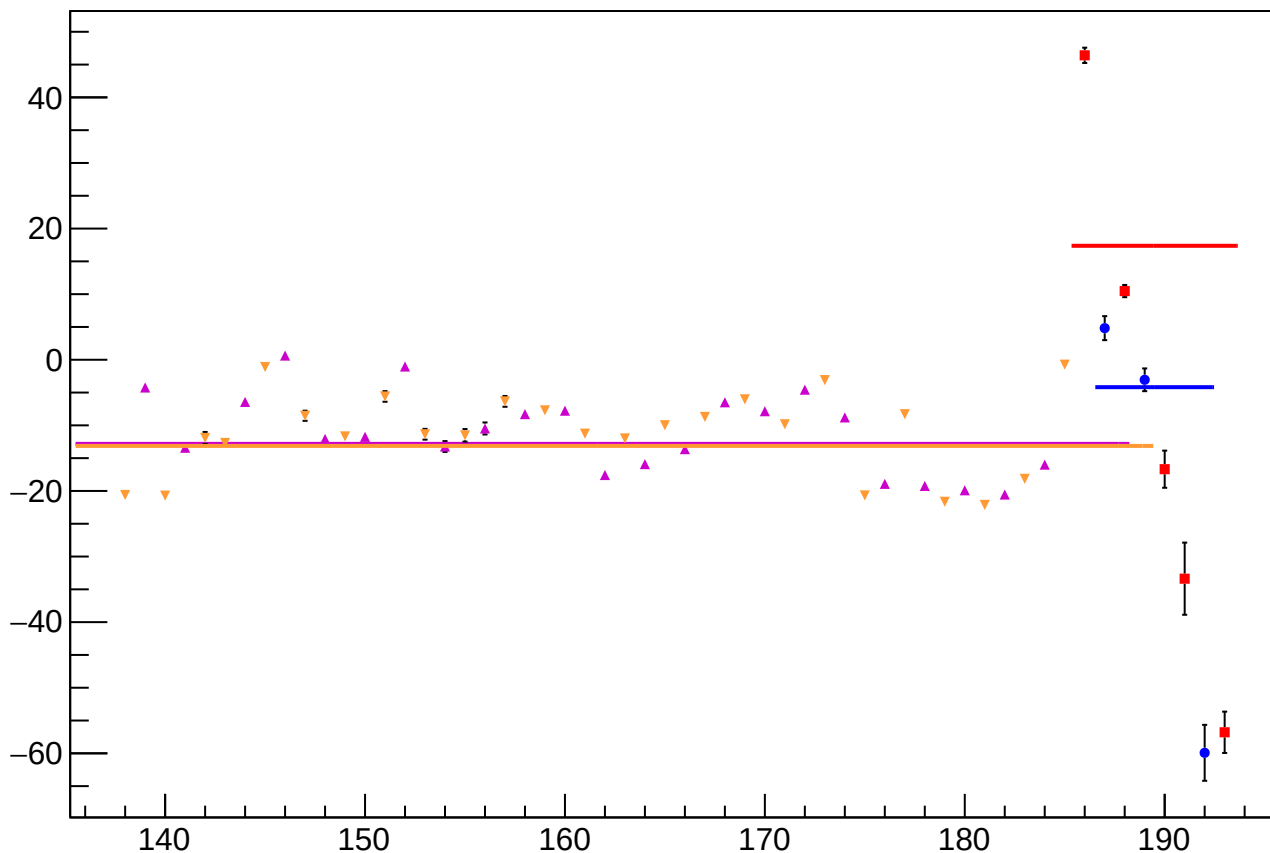
Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22

+ sign 0.302 $\pm$ 0.002 χ^2 /NDF: 1664.3/27

All: 0.305 $\pm$ 0.001 χ^2 /NDF: 7032.8/55

- sign 0.308 $\pm$ 0.002 χ^2 /NDF: 5363.1/27

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -4.180 ± 1.207 $\chi^2/\text{NDF}: 195.5/2$

Left Out: -13.133 ± 0.094 $\chi^2/\text{NDF}: 5974.5/24$

Right Out: 17.373 ± 0.683 $\chi^2/\text{NDF}: 1458.4/4$

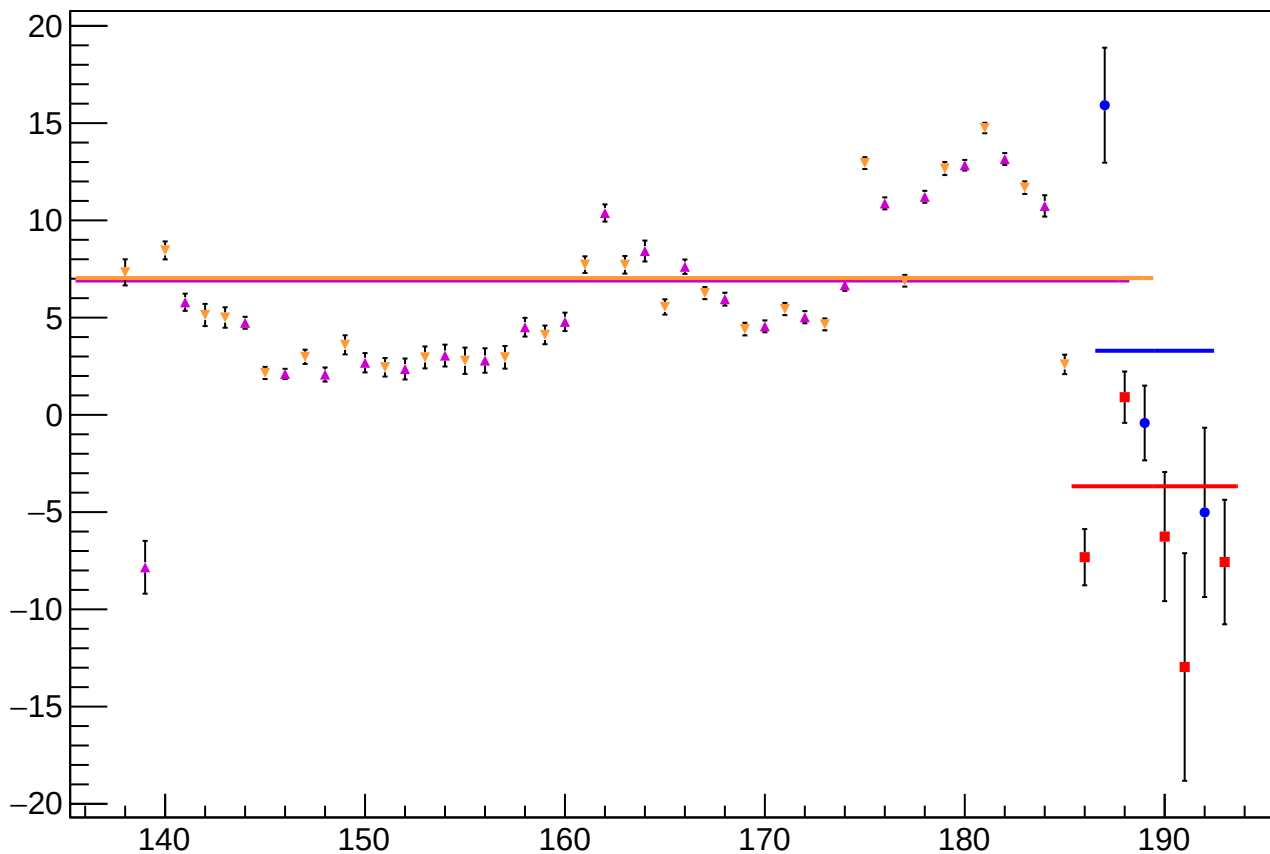
Left In: -12.823 ± 0.095 $\chi^2/\text{NDF}: 4841.5/22$

+ sign -13.079 ± 0.093 $\chi^2/\text{NDF}: 6224.6/27$

All: -12.668 ± 0.066 $\chi^2/\text{NDF}: 14481.7/55$

- sign -12.253 ± 0.094 $\chi^2/\text{NDF}: 8218.1/27$

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 3.296 ± 1.511 $\chi^2/\text{NDF}: 25.6/2$

Left Out: 7.034 ± 0.077 $\chi^2/\text{NDF}: 2657.5/24$

Right Out: -3.672 ± 0.887 $\chi^2/\text{NDF}: 23.0/4$

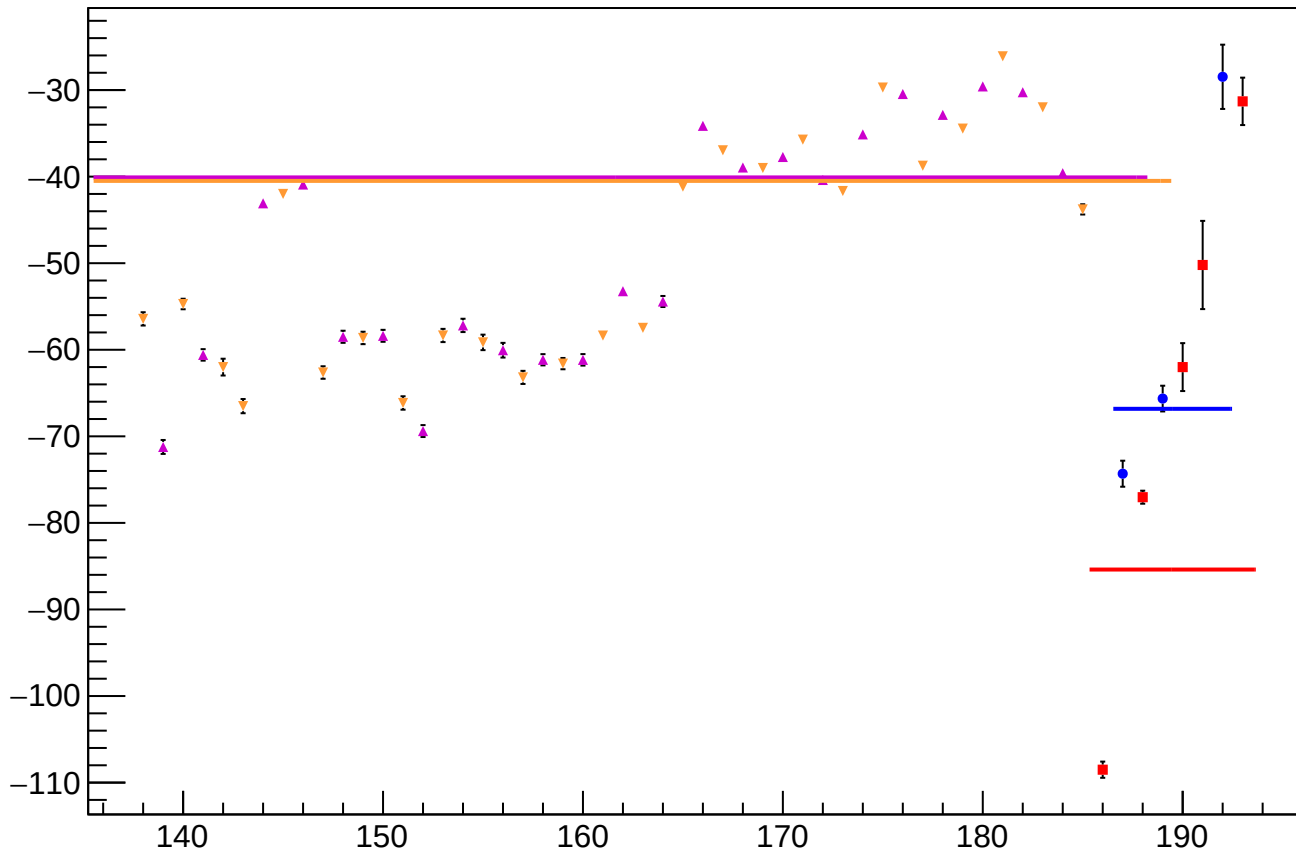
Left In: 6.906 ± 0.077 $\chi^2/\text{NDF}: 2442.8/22$

+ sign 7.024 ± 0.077 $\chi^2/\text{NDF}: 2689.2/27$

All: 6.925 ± 0.055 $\chi^2/\text{NDF}: 5299.5/55$

- sign 6.826 ± 0.077 $\chi^2/\text{NDF}: 2606.9/27$

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -66.822 ± 1.017 $\chi^2/\text{NDF}: 132.2/2$

Left Out: -40.492 ± 0.095 $\chi^2/\text{NDF}: 15435.0/24$

Right Out: -85.388 ± 0.558 $\chi^2/\text{NDF}: 1243.3/4$

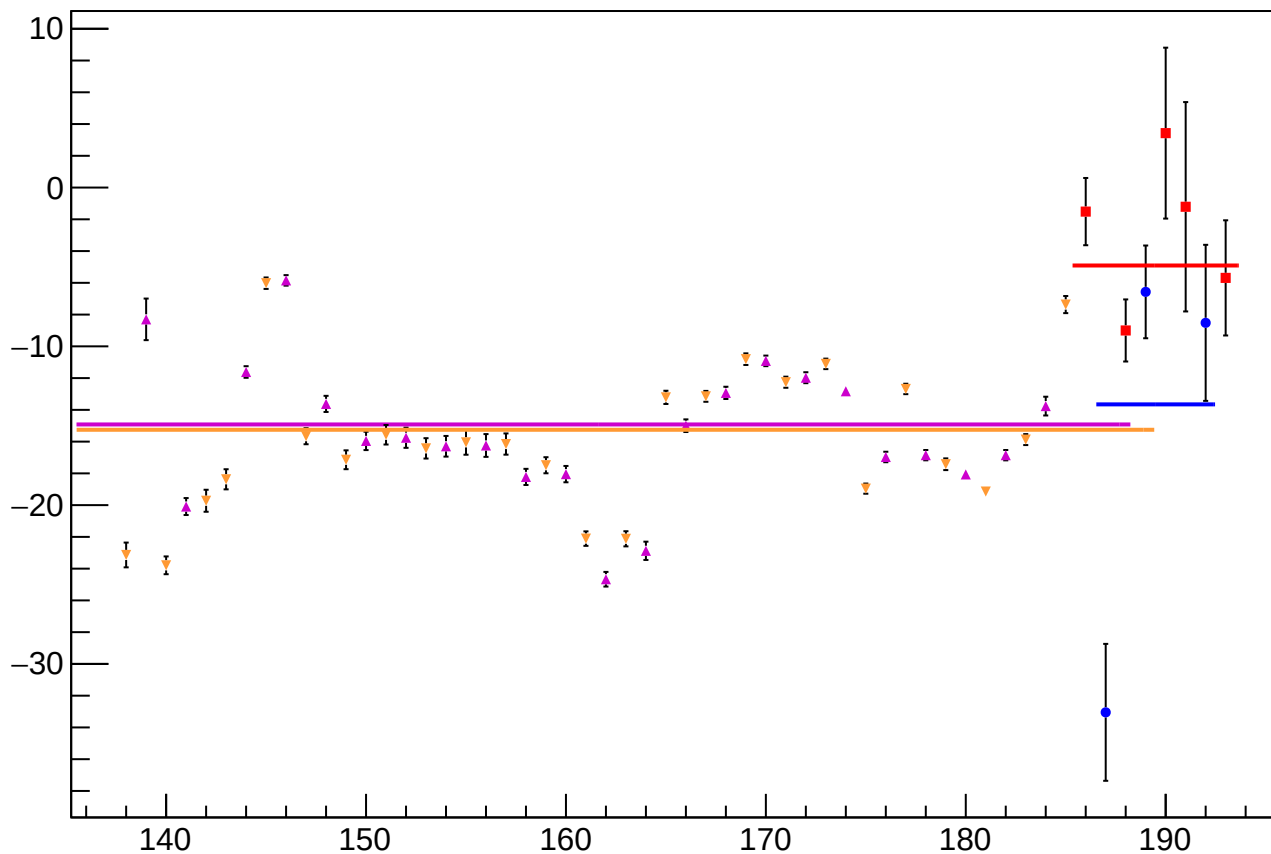
Left In: -40.091 ± 0.095 $\chi^2/\text{NDF}: 14103.5/22$

+ sign -40.720 ± 0.094 $\chi^2/\text{NDF}: 16232.2/27$

All: -41.049 ± 0.067 $\chi^2/\text{NDF}: 38013.4/55$

- sign -41.375 ± 0.094 $\chi^2/\text{NDF}: 21756.9/27$

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -13.655 ± 2.169 $\chi^2/\text{NDF}: 27.2/2$

Left Out: -15.254 ± 0.086 $\chi^2/\text{NDF}: 2594.4/24$

Right Out: -4.908 ± 1.272 $\chi^2/\text{NDF}: 9.7/4$

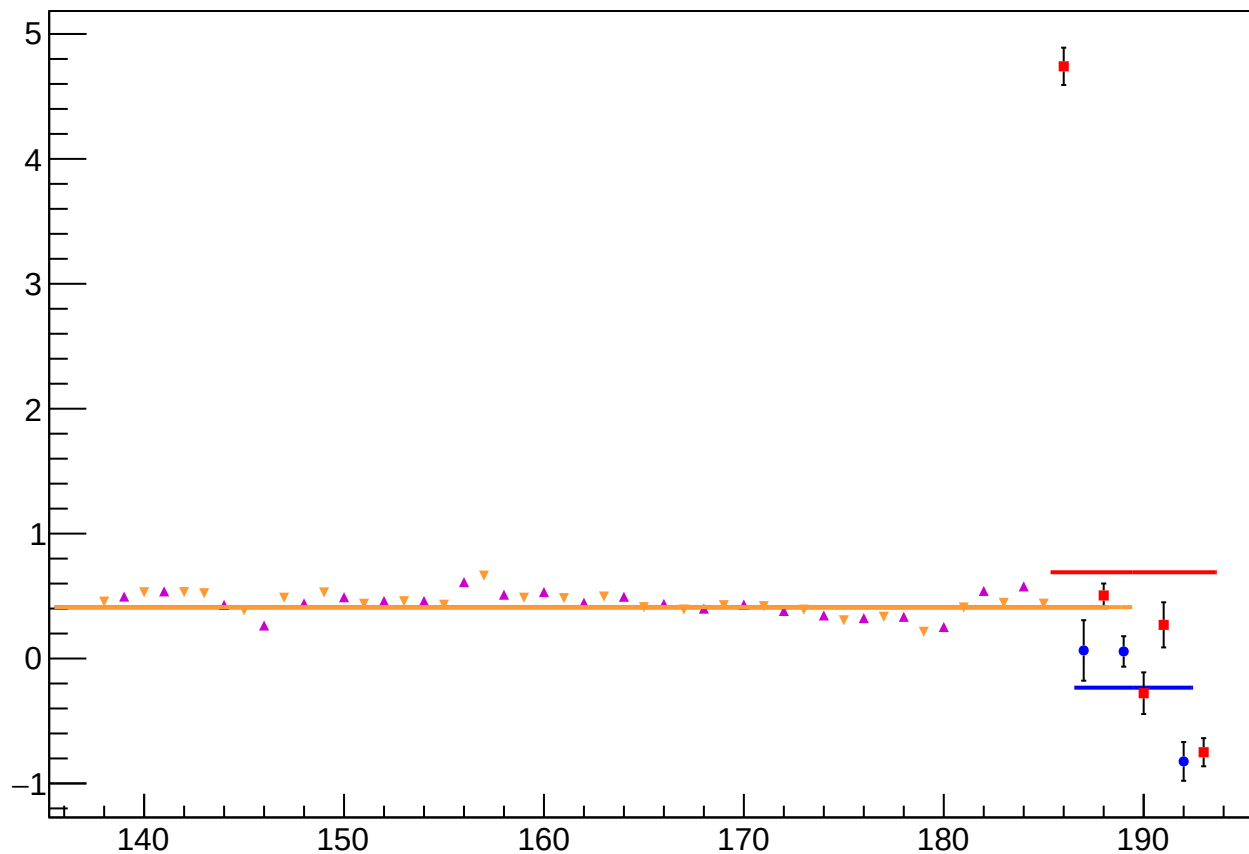
Left In: -14.919 ± 0.087 $\chi^2/\text{NDF}: 2207.7/22$

+ sign -15.252 ± 0.086 $\chi^2/\text{NDF}: 2622.2/27$

All: -15.063 ± 0.061 $\chi^2/\text{NDF}: 4910.9/55$

- sign -14.873 ± 0.086 $\chi^2/\text{NDF}: 2279.1/27$

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.233 ± 0.089 $\chi^2/\text{NDF}: 21.7/2$

Left Out: 0.411 ± 0.004 $\chi^2/\text{NDF}: 428.8/24$

Right Out: 0.690 ± 0.058 $\chi^2/\text{NDF}: 941.8/4$

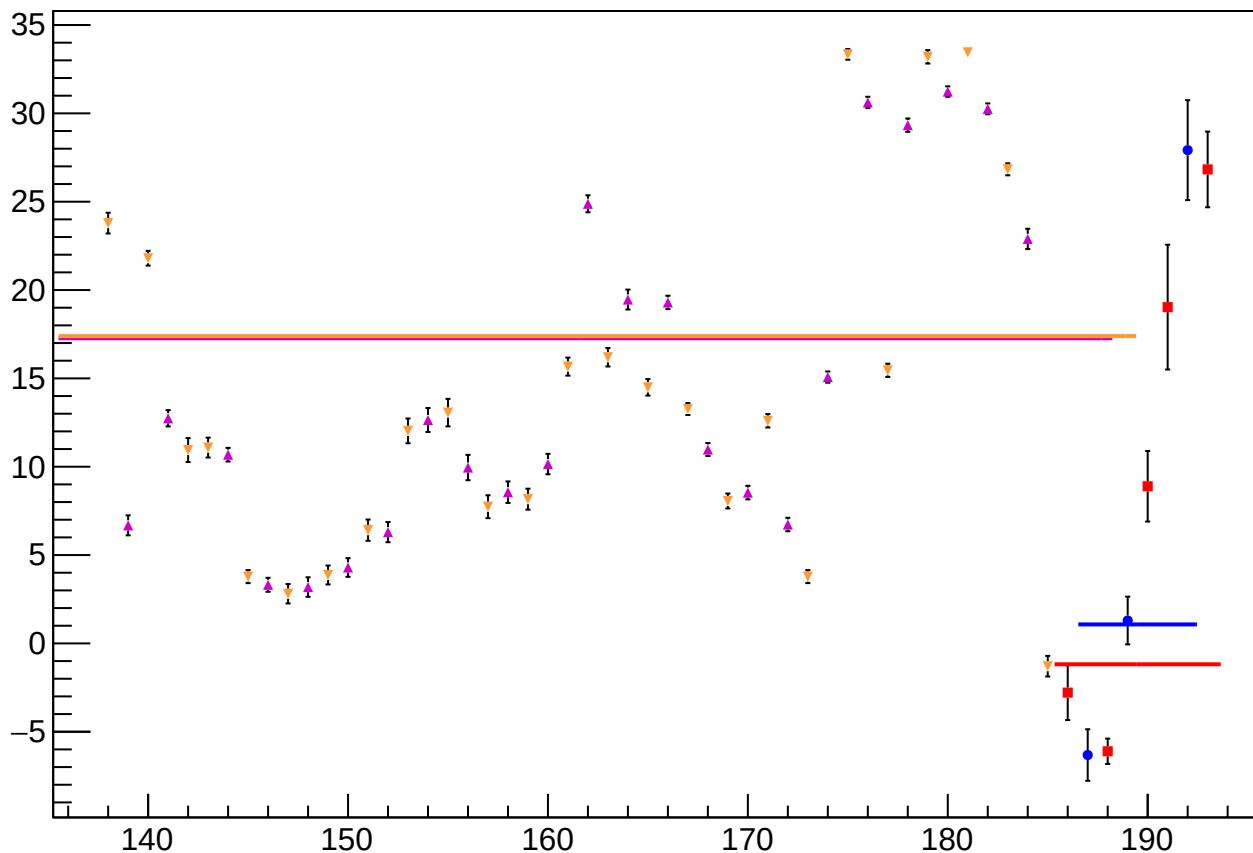
Left In: 0.409 ± 0.004 $\chi^2/\text{NDF}: 561.9/22$

+ sign 0.410 ± 0.004 $\chi^2/\text{NDF}: 502.7/27$

All: 0.410 ± 0.003 $\chi^2/\text{NDF}: 2030.0/55$

- sign 0.411 ± 0.004 $\chi^2/\text{NDF}: 1527.3/27$

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.075 ± 0.935 $\chi^2/\text{NDF}: 115.7/2$

Left Out: 17.393 ± 0.087 $\chi^2/\text{NDF}: 16305.7/24$

Right Out: -1.181 ± 0.586 $\chi^2/\text{NDF}: 277.3/4$

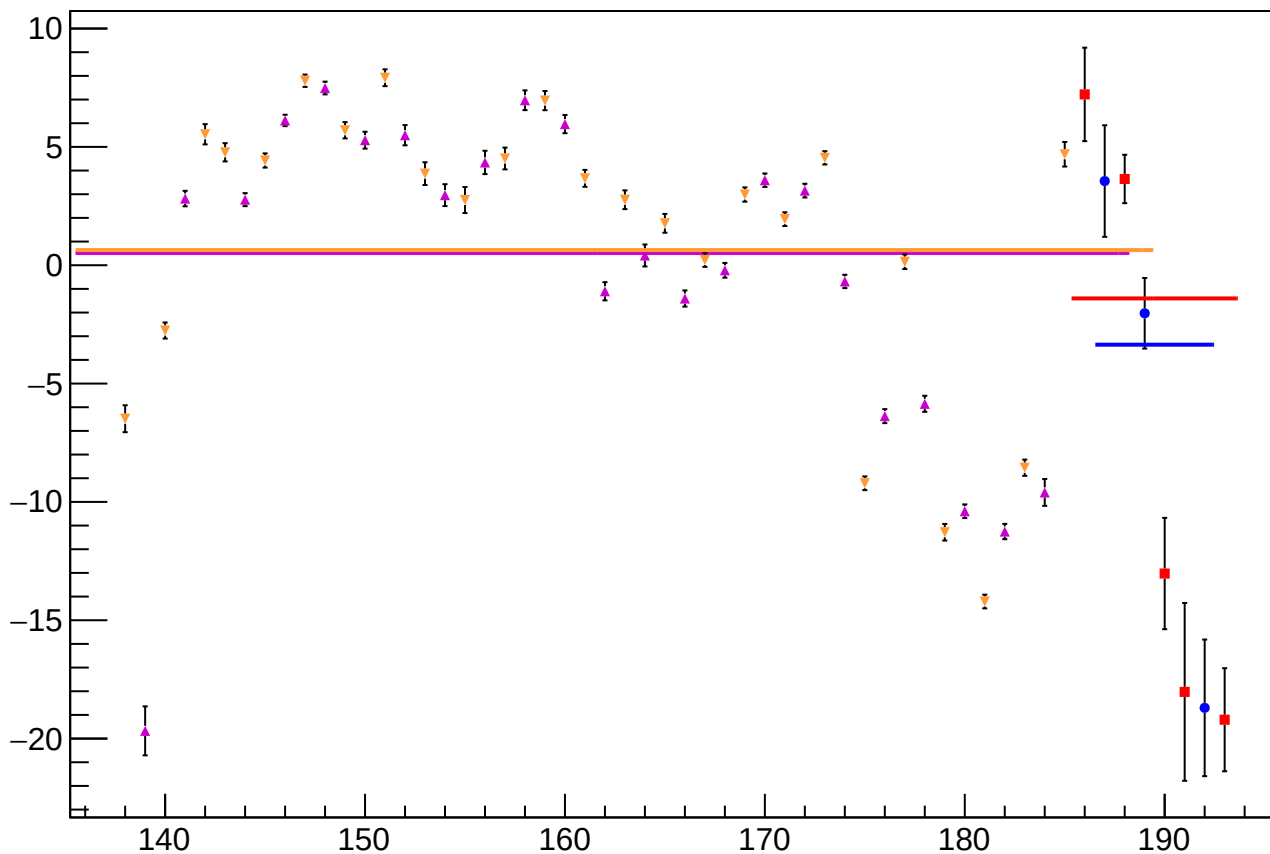
Left In: 17.271 ± 0.088 $\chi^2/\text{NDF}: 12892.2/22$

+ sign 17.252 ± 0.087 $\chi^2/\text{NDF}: 16723.2/27$

All: 17.058 ± 0.062 $\chi^2/\text{NDF}: 30871.4/55$

- sign 16.860 ± 0.087 $\chi^2/\text{NDF}: 14138.1/27$

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -3.357 ± 1.155 $\chi^2/\text{NDF}: 37.7/2$

Left Out: 0.639 ± 0.070 $\chi^2/\text{NDF}: 8514.9/24$

Right Out: -1.402 ± 0.773 $\chi^2/\text{NDF}: 154.2/4$

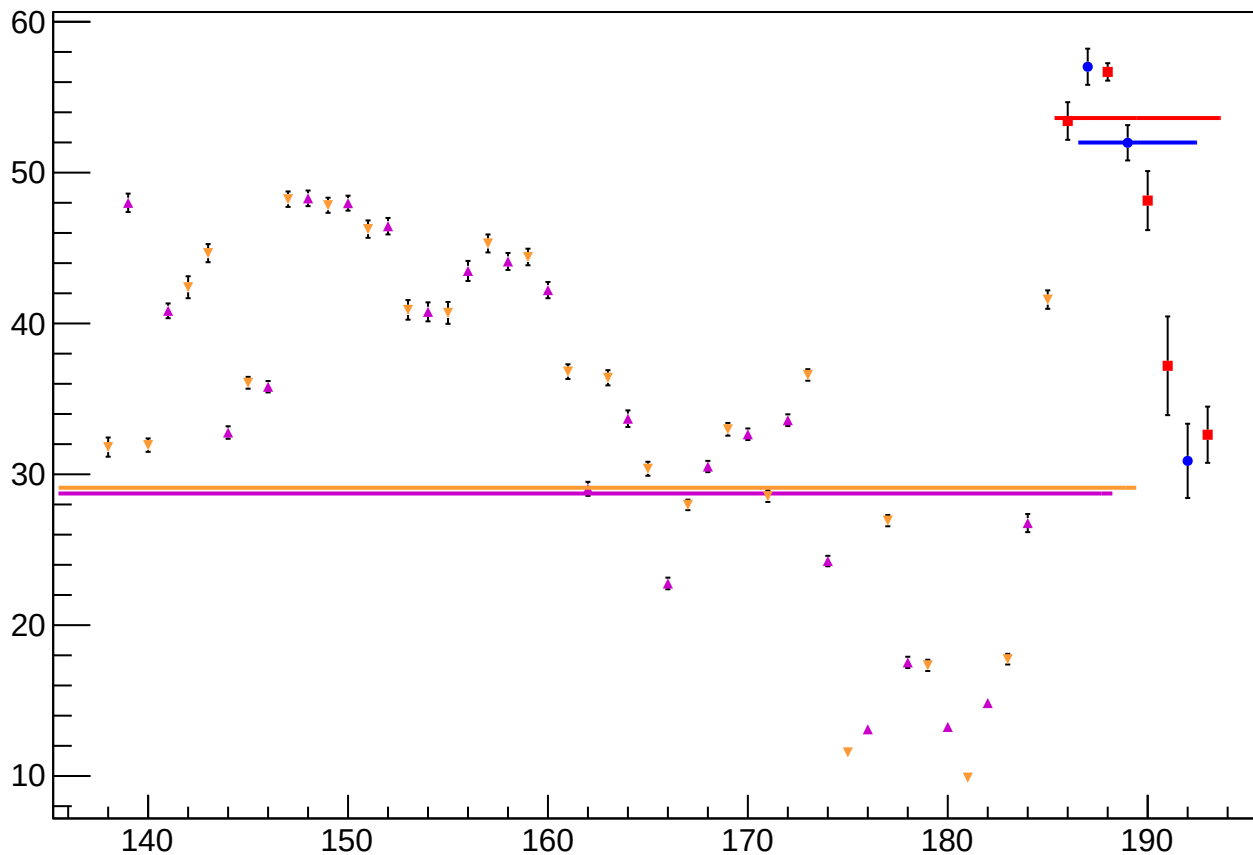
Left In: 0.519 ± 0.071 $\chi^2/\text{NDF}: 6776.8/22$

+ sign 0.625 ± 0.069 $\chi^2/\text{NDF}: 8564.5/27$

All: 0.565 ± 0.049 $\chi^2/\text{NDF}: 15503.1/55$

- sign 0.503 ± 0.070 $\chi^2/\text{NDF}: 6937.2/27$

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 51.995 $\pm$ 0.793 χ^2/NDF : 91.0/2

Left Out: 29.110 $\pm$ 0.088 χ^2/NDF : 18845.8/24

Right Out: 53.619 $\pm$ 0.484 χ^2/NDF : 188.0/4

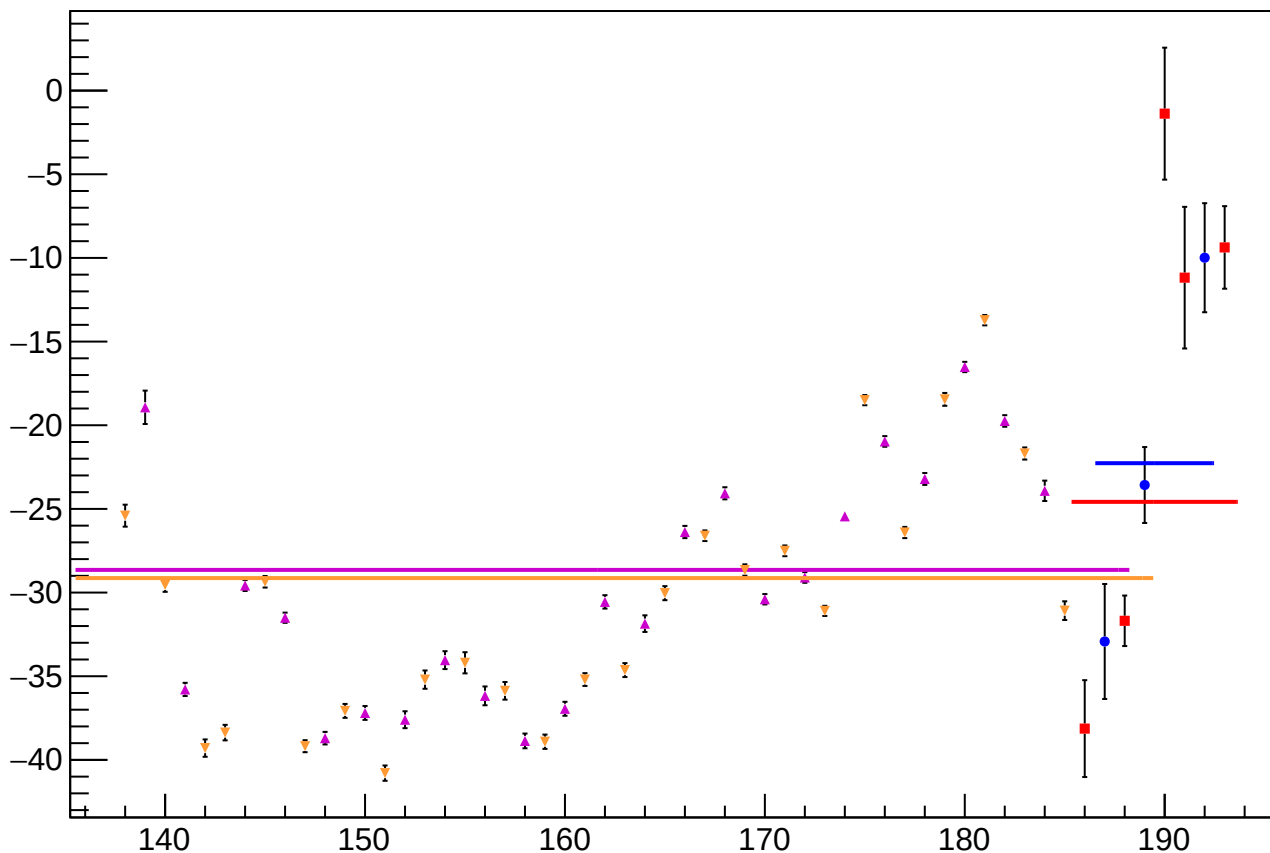
Left In: 28.728 $\pm$ 0.089 χ^2/NDF : 17037.4/22

+ sign 29.388 $\pm$ 0.087 χ^2/NDF : 19759.2/27

All: 29.463 $\pm$ 0.062 χ^2/NDF : 39546.8/55

- sign 29.539 $\pm$ 0.087 χ^2/NDF : 19786.1/27

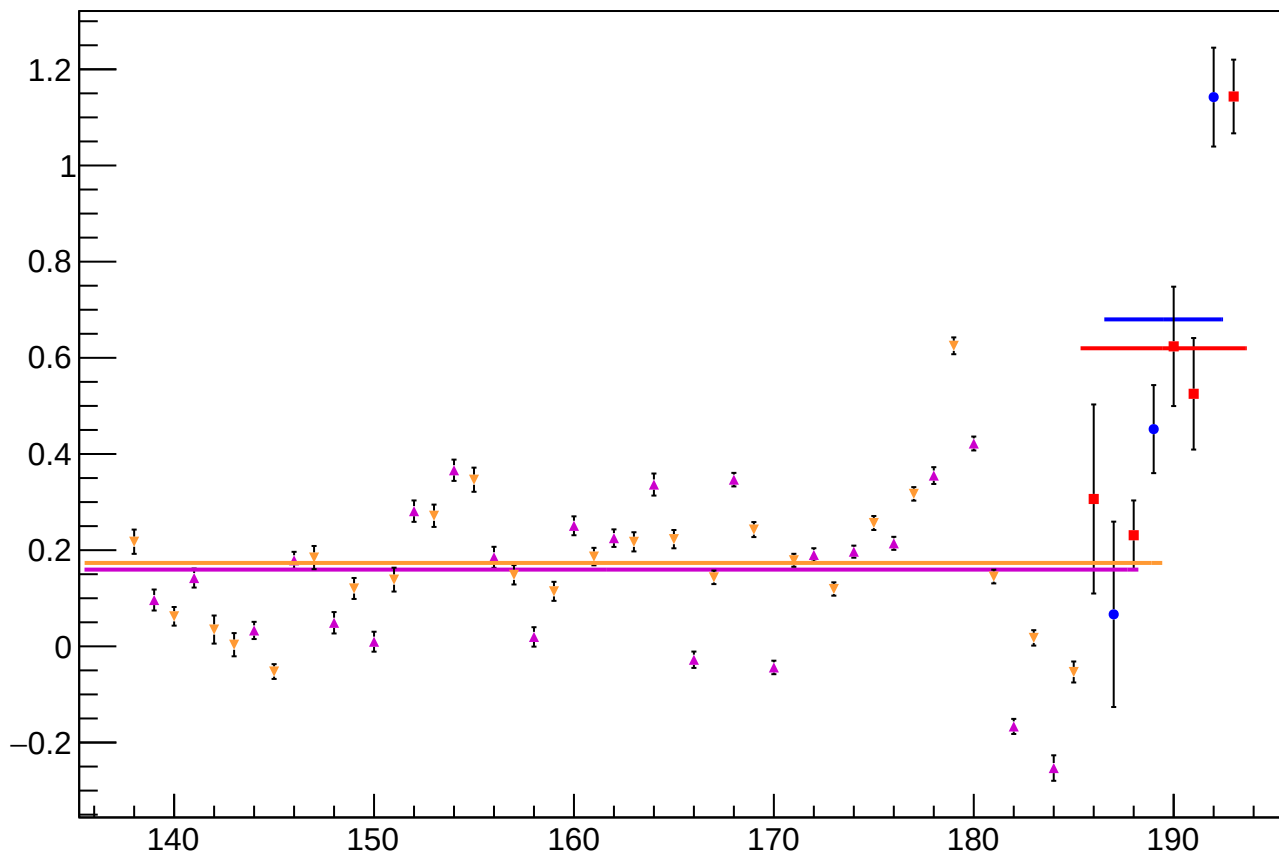
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -22.268 ± 1.637 $\chi^2/\text{NDF}: 24.1/2$
 Left Out: -29.134 ± 0.078 $\chi^2/\text{NDF}: 8998.0/24$
 Right Out: -24.579 ± 1.089 $\chi^2/\text{NDF}: 126.7/4$
 Left In: -28.645 ± 0.080 $\chi^2/\text{NDF}: 6693.5/22$

+ sign -29.118 ± 0.078 $\chi^2/\text{NDF}: 9039.7/27$
 All: -28.874 ± 0.056 $\chi^2/\text{NDF}: 15893.6/55$
 - sign -28.623 ± 0.079 $\chi^2/\text{NDF}: 6834.1/27$

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.680 ± 0.064 $\chi^2/\text{NDF}: 36.5/2$

Left Out: 0.173 ± 0.004 $\chi^2/\text{NDF}: 1468.8/24$

Right Out: 0.620 ± 0.044 $\chi^2/\text{NDF}: 78.8/4$

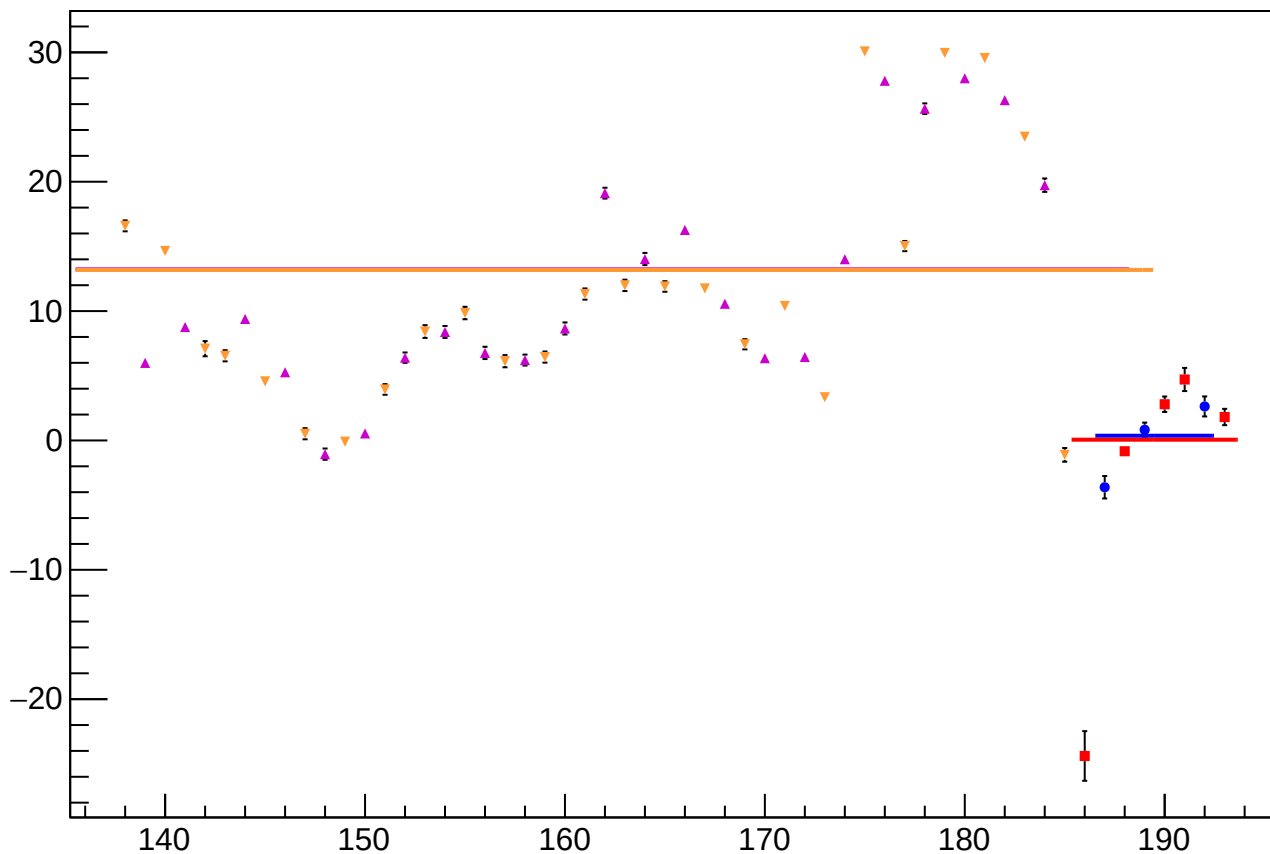
Left In: 0.160 ± 0.004 $\chi^2/\text{NDF}: 2063.7/22$

+ sign 0.175 ± 0.004 $\chi^2/\text{NDF}: 1567.0/27$

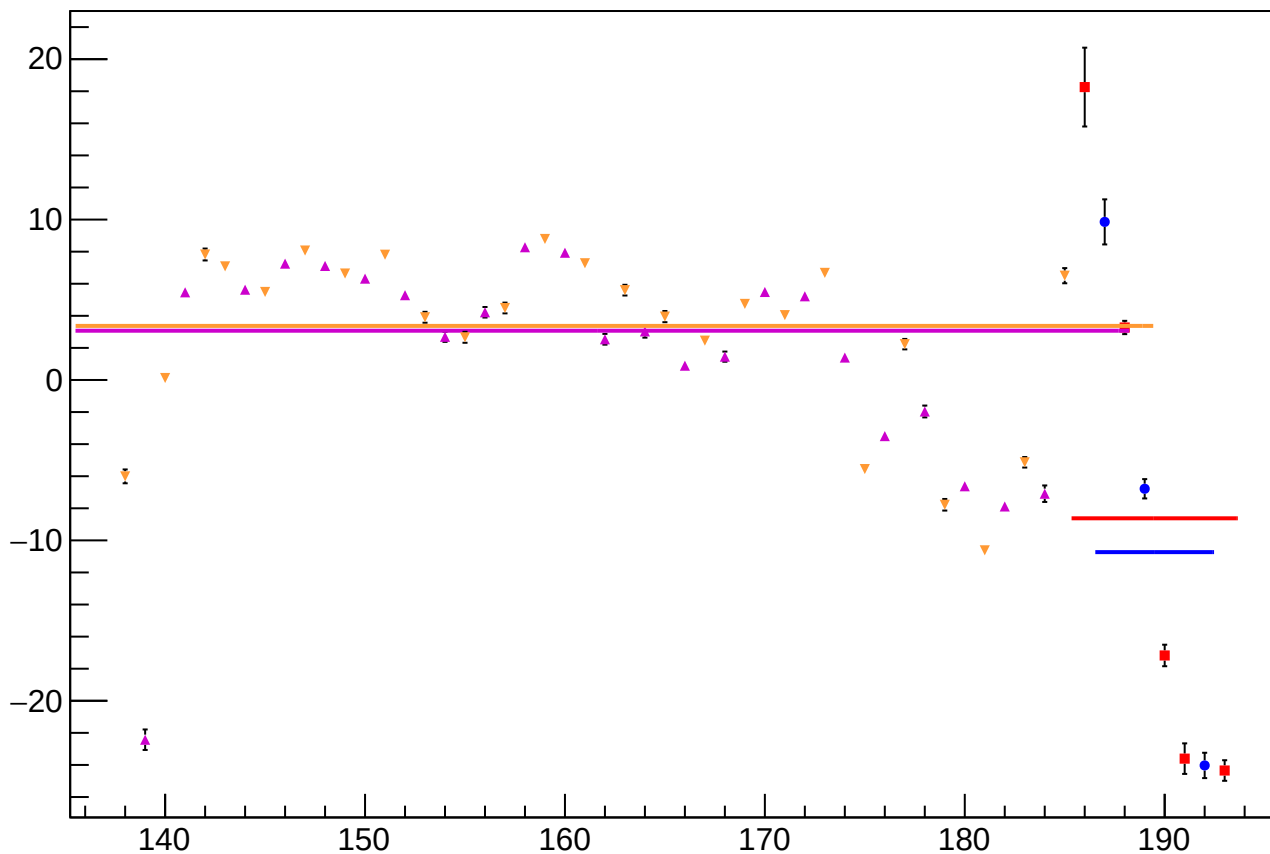
All: 0.169 ± 0.003 $\chi^2/\text{NDF}: 3826.1/55$

- sign 0.163 ± 0.004 $\chi^2/\text{NDF}: 2253.3/27$

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -10.732 ± 0.453 $\chi^2/\text{NDF}: 540.8/2$

Left Out: 3.372 ± 0.059 $\chi^2/\text{NDF}: 8053.7/24$

Right Out: -8.624 ± 0.292 $\chi^2/\text{NDF}: 1954.5/4$

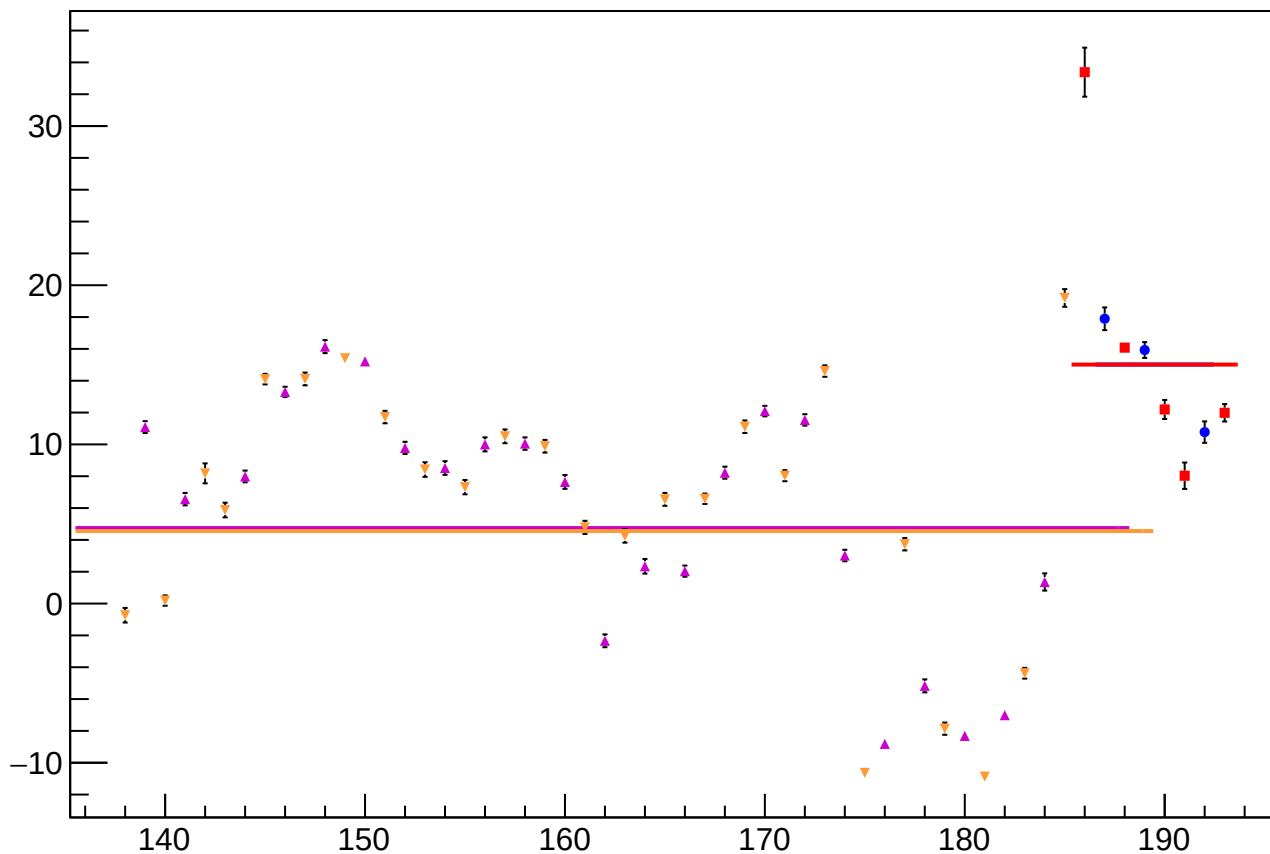
Left In: 3.071 ± 0.060 $\chi^2/\text{NDF}: 7269.0/22$

+ sign 3.141 ± 0.058 $\chi^2/\text{NDF}: 9546.1/27$

All: 2.871 ± 0.041 $\chi^2/\text{NDF}: 20353.7/55$

- sign 2.591 ± 0.059 $\chi^2/\text{NDF}: 10763.7/27$

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 15.017 $\pm$ 0.349 χ^2 /NDF: 59.3/2

Left Out: 4.557 $\pm$ 0.076 χ^2 /NDF: 13588.4/24

Right Out: 15.015 $\pm$ 0.192 χ^2 /NDF: 287.6/4

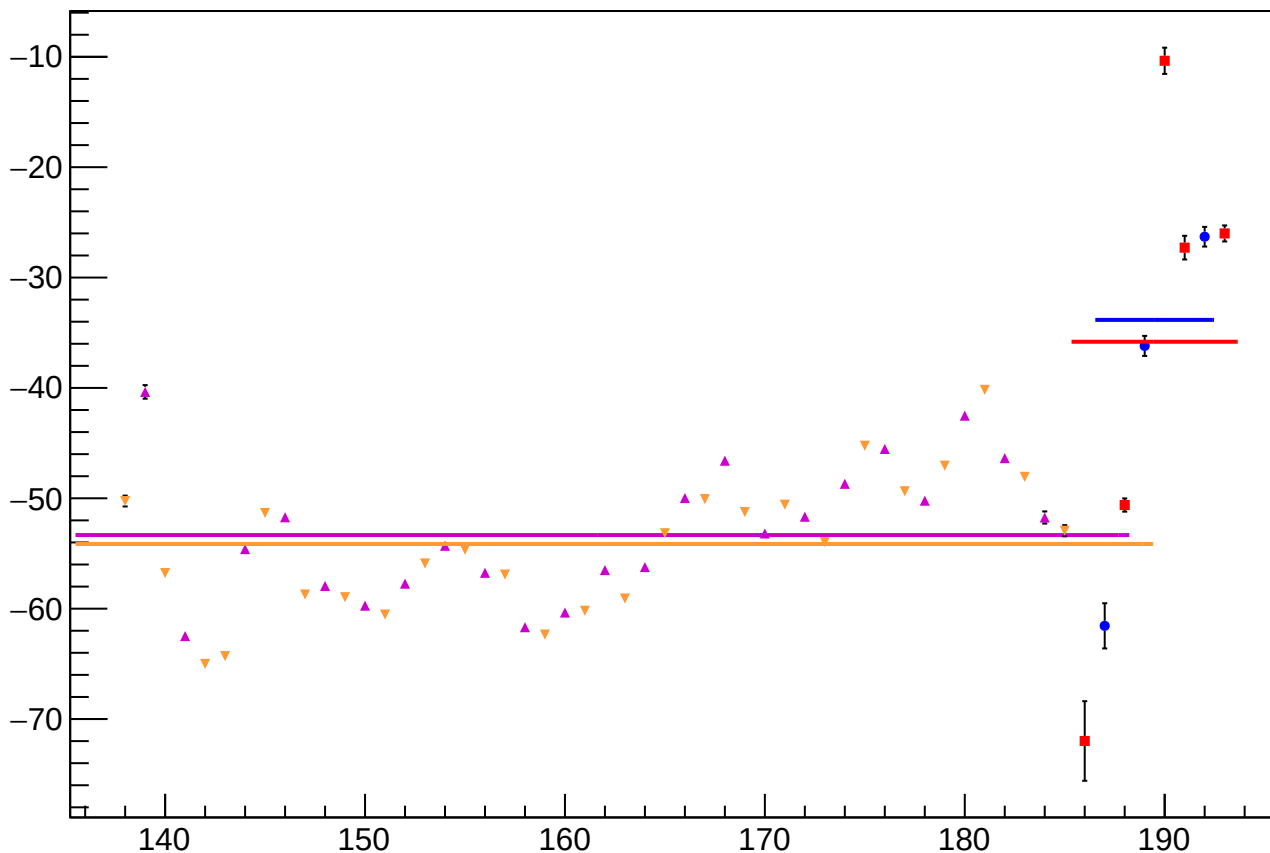
Left In: 4.741 $\pm$ 0.076 χ^2 /NDF: 11418.2/22

+ sign 5.025 $\pm$ 0.074 χ^2 /NDF: 14506.3/27

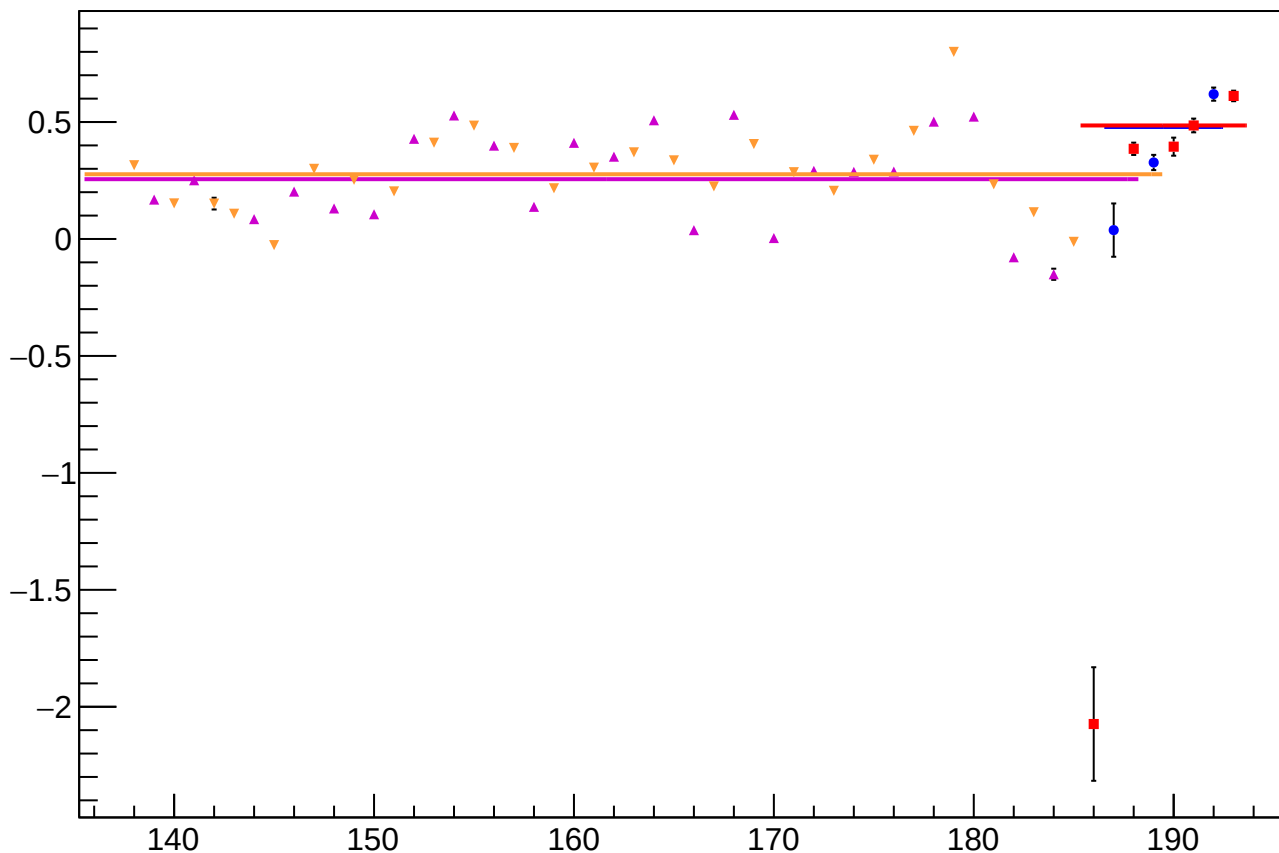
All: 5.607 $\pm$ 0.051 χ^2 /NDF: 28802.8/55

- sign 6.145 $\pm$ 0.071 χ^2 /NDF: 14177.0/27

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.479 ± 0.021 χ^2/NDF : 61.6/2

Left Out: 0.277 ± 0.003 χ^2/NDF : 2606.0/24

Right Out: 0.485 ± 0.014 χ^2/NDF : 162.3/4

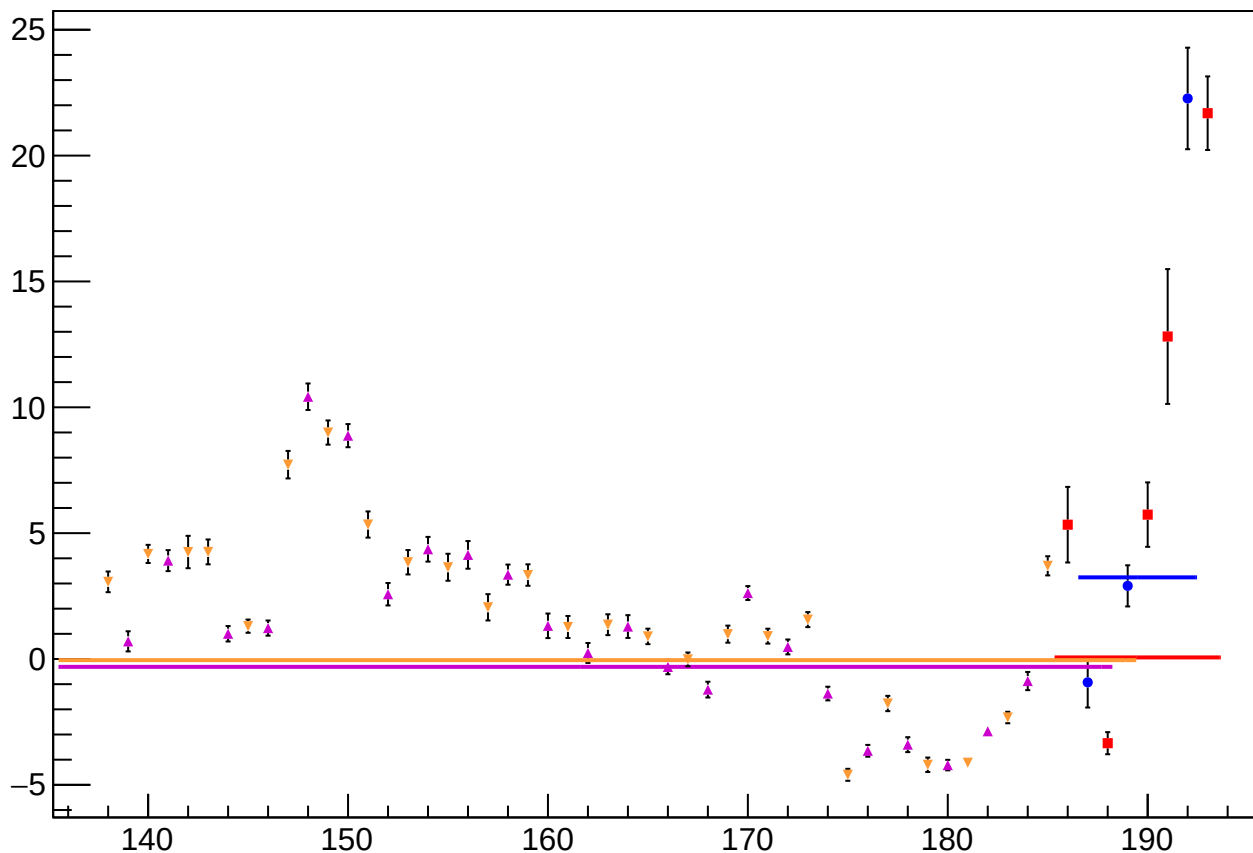
Left In: 0.256 ± 0.003 χ^2/NDF : 3644.0/22

+ sign 0.281 ± 0.003 χ^2/NDF : 2758.9/27

All: 0.274 ± 0.002 χ^2/NDF : 6840.4/55

- sign 0.267 ± 0.003 χ^2/NDF : 4070.2/27

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 3.243 $\pm$ 0.604 χ^2 /NDF: 106.5/2

Left Out: -0.046 $\pm$ 0.066 χ^2 /NDF: 2628.9/24

Right Out: 0.063 $\pm$ 0.382 χ^2 /NDF: 333.6/4

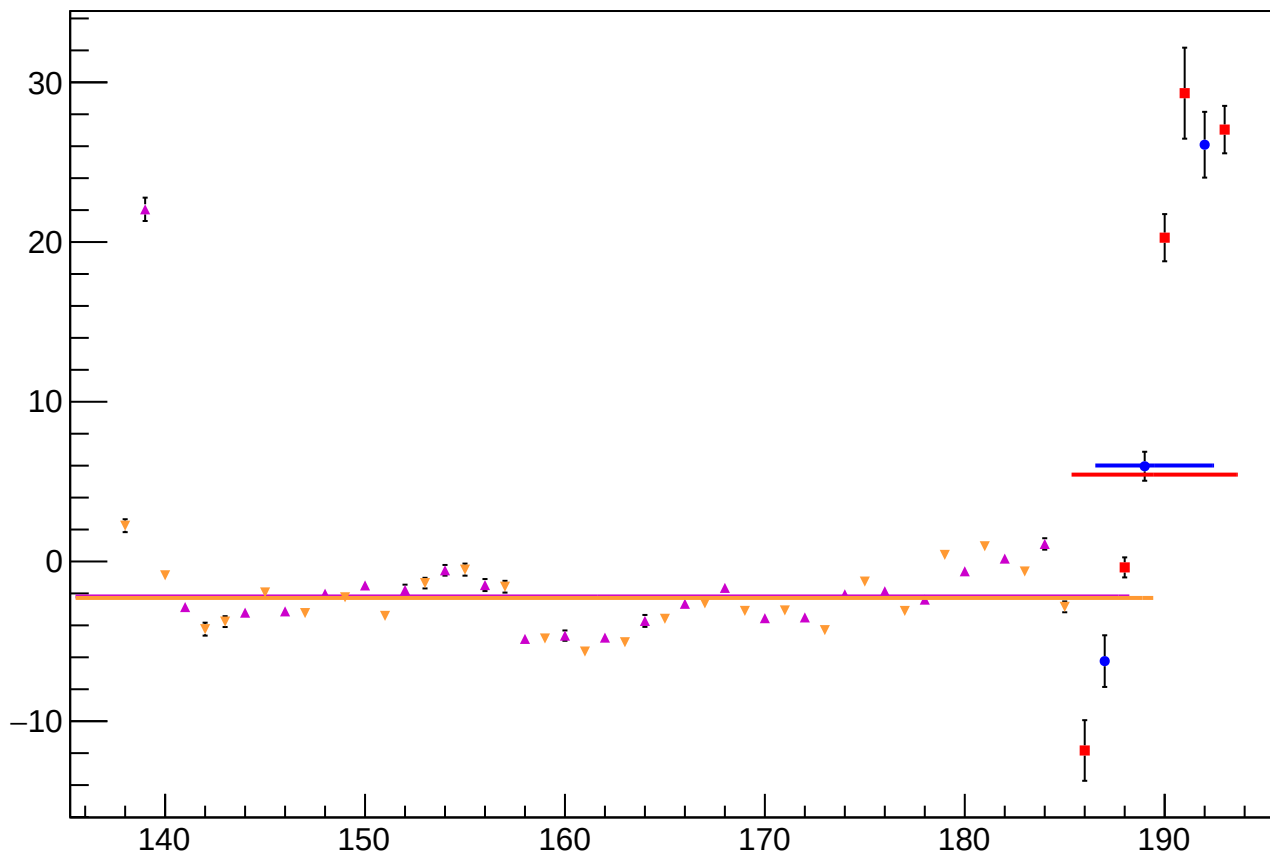
Left In: -0.312 $\pm$ 0.067 χ^2 /NDF: 2252.6/22

+ sign -0.007 $\pm$ 0.066 χ^2 /NDF: 2764.7/27

All: -0.153 $\pm$ 0.047 χ^2 /NDF: 5361.9/55

- sign -0.301 $\pm$ 0.066 χ^2 /NDF: 2587.2/27

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 6.009 ± 0.738 $\chi^2/\text{NDF}: 152.4/2$

Left Out: -2.283 ± 0.054 $\chi^2/\text{NDF}: 1132.1/24$

Right Out: 5.438 ± 0.510 $\chi^2/\text{NDF}: 551.1/4$

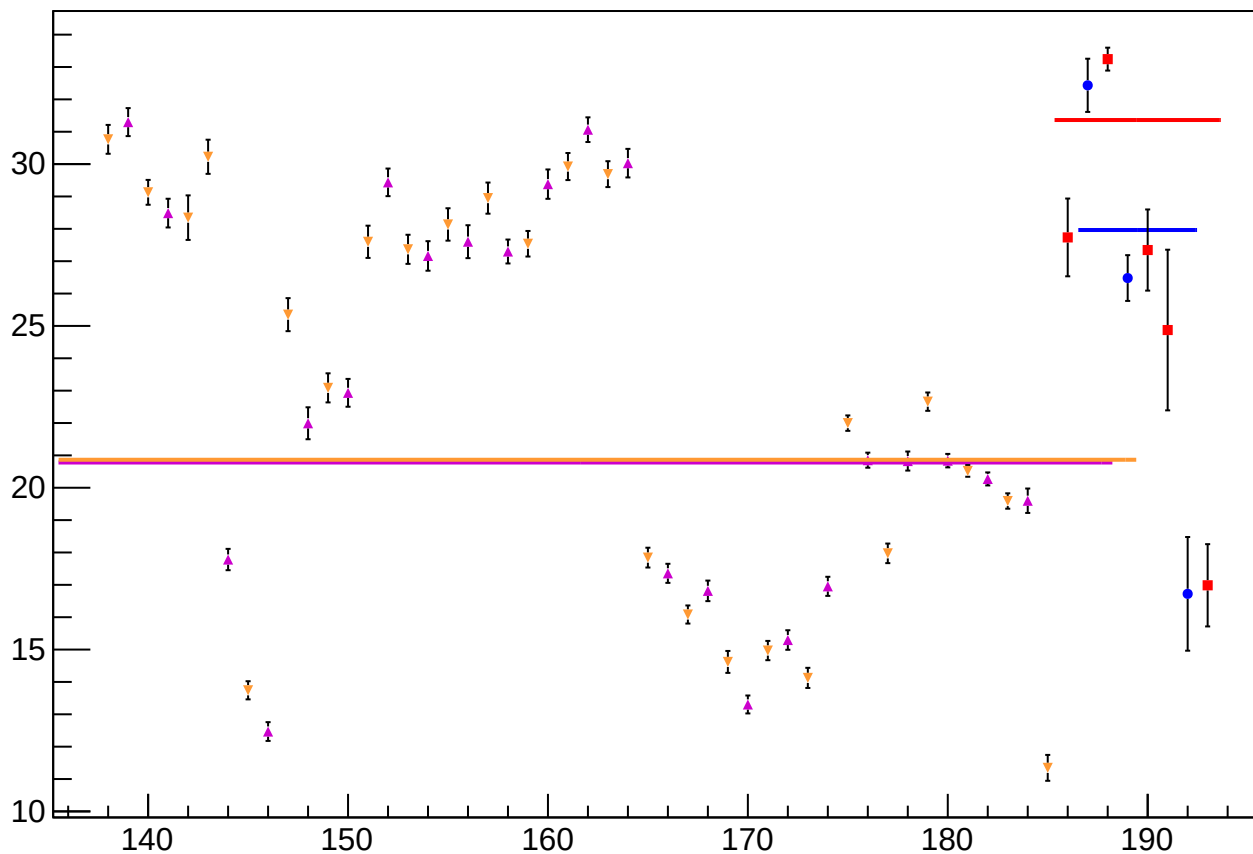
Left In: -2.190 ± 0.055 $\chi^2/\text{NDF}: 1785.1/22$

+ sign -2.239 ± 0.054 $\chi^2/\text{NDF}: 1410.0/27$

All: -2.171 ± 0.038 $\chi^2/\text{NDF}: 3970.7/55$

- sign -2.102 ± 0.055 $\chi^2/\text{NDF}: 2557.6/27$

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 27.964 $\pm$ 0.513 χ^2 /NDF: 75.0/2

Left Out: 20.865 $\pm$ 0.067 χ^2 /NDF:6608.4/24

Right Out: 31.362 $\pm$ 0.315 χ^2 /NDF: 182.4/4

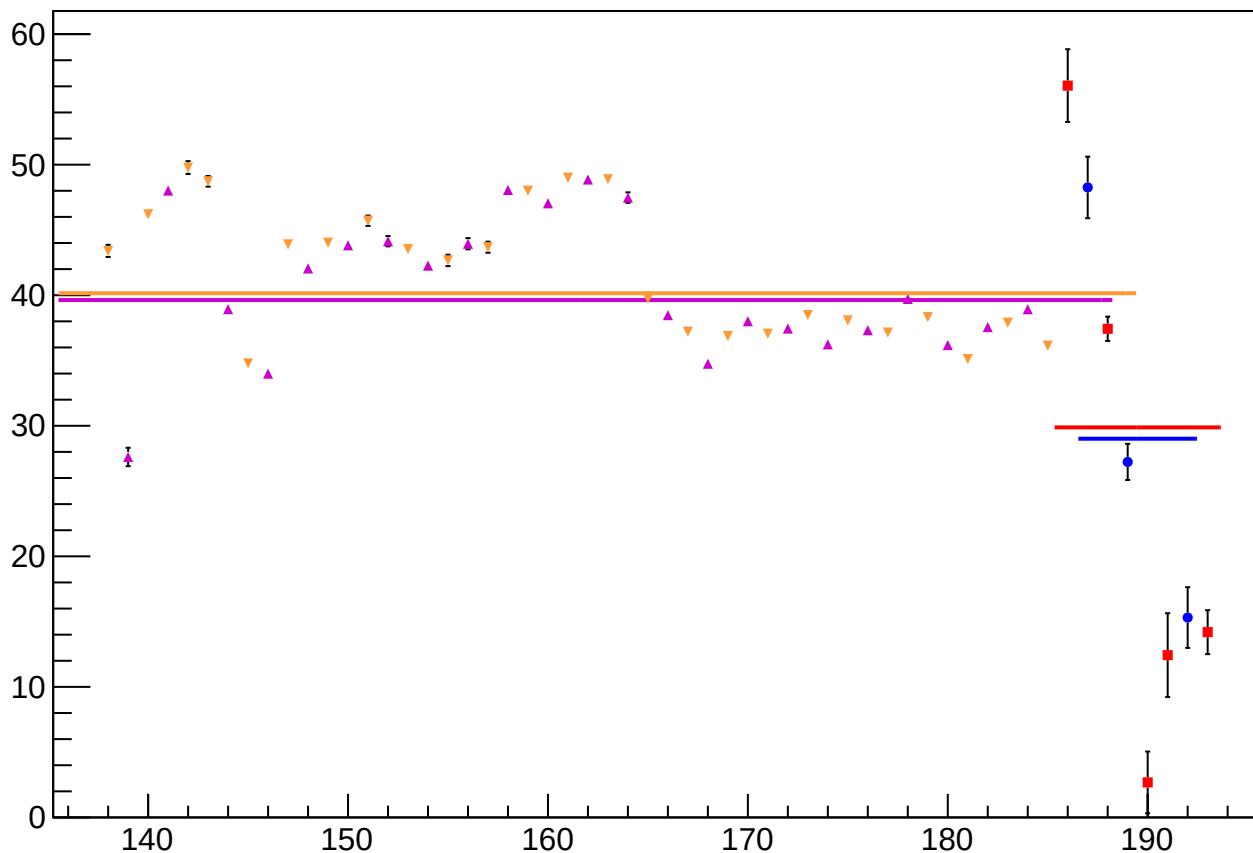
Left In: 20.780 $\pm$ 0.067 χ^2 /NDF:5988.0/22

+ sign 20.983 $\pm$ 0.066 χ^2 /NDF: 6871.8/27

All: 21.113 $\pm$ 0.047 χ^2 /NDF: 14130.7/55

- sign 21.242 $\pm$ 0.066 χ^2 /NDF: 7251.2/27

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 29.011 $\pm$ 1.063 χ^2 /NDF: 103.0/2

Left Out: 40.154 $\pm$ 0.060 χ^2 /NDF: 5861.6/24

Right Out: 29.877 $\pm$ 0.723 χ^2 /NDF: 402.7/4

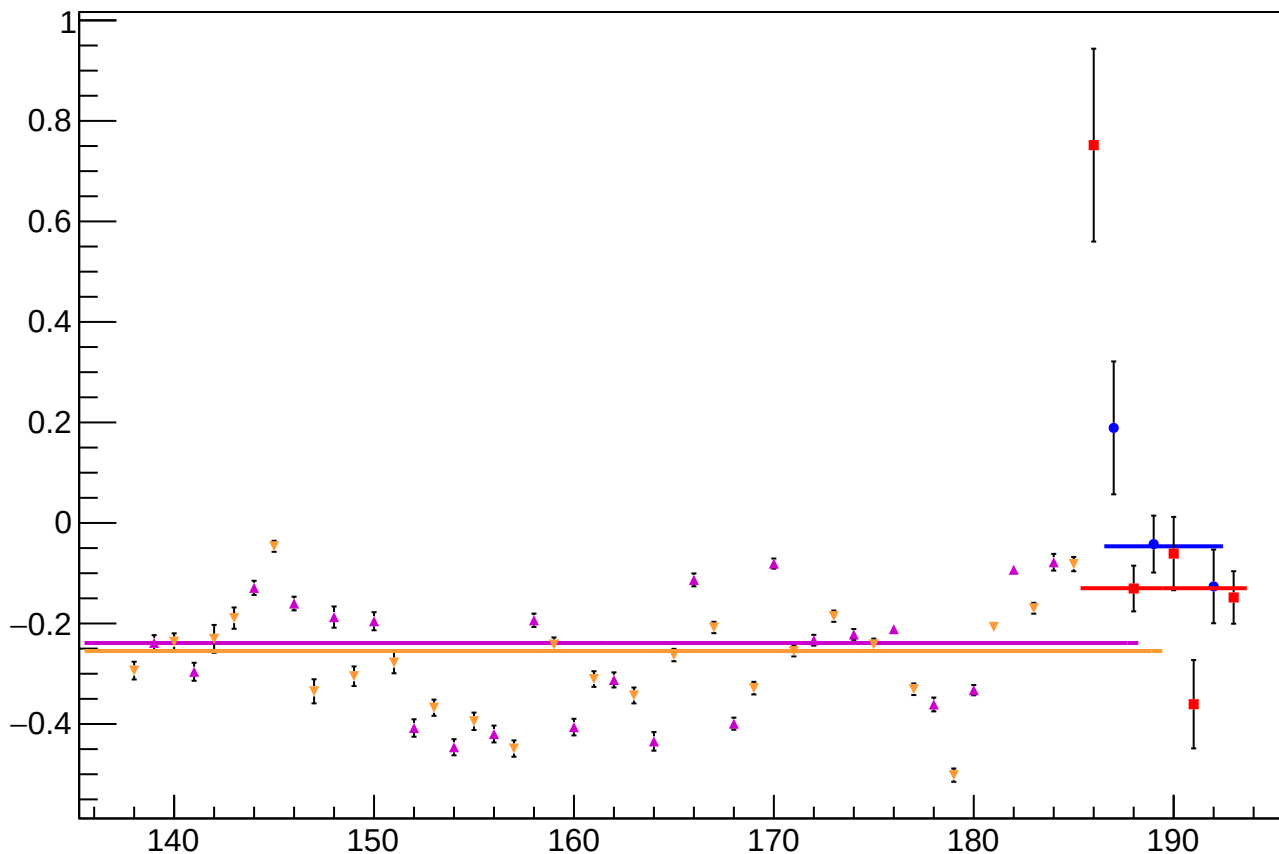
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ sign 40.118 $\pm$ 0.060 χ^2 /NDF: 6074.2/27

All: 39.843 $\pm$ 0.043 χ^2 /NDF: 12042.9/55

- sign 39.563 $\pm$ 0.061 χ^2 /NDF: 5926.9/27

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.046 ± 0.042 χ^2/NDF : 4.4/2

Left Out: -0.255 ± 0.003 χ^2/NDF : 1417.7/24

Right Out: -0.130 ± 0.029 χ^2/NDF : 29.0/4

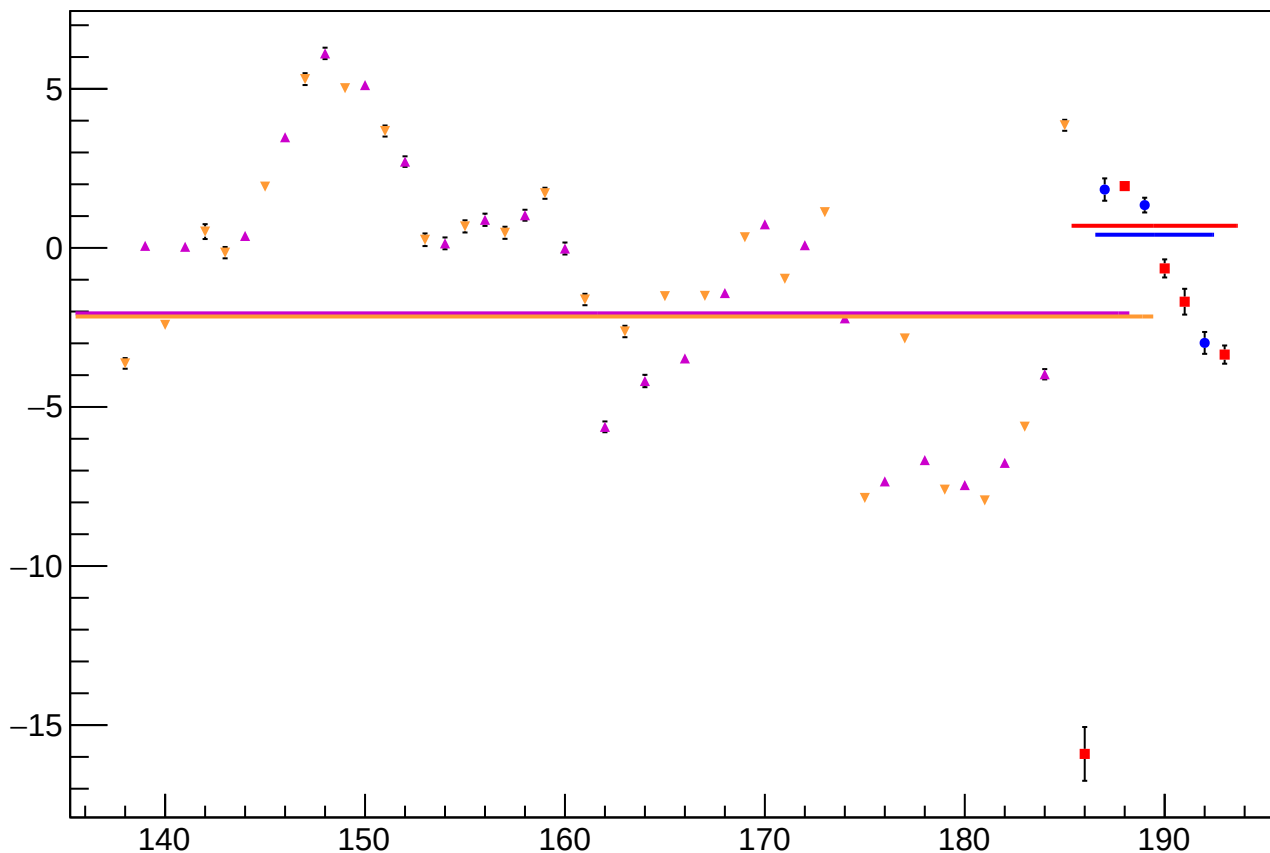
Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

+ sign -0.254 ± 0.003 χ^2/NDF : 1446.0/27

All: -0.246 ± 0.002 χ^2/NDF : 3256.3/55

- sign -0.238 ± 0.003 χ^2/NDF : 1793.1/27

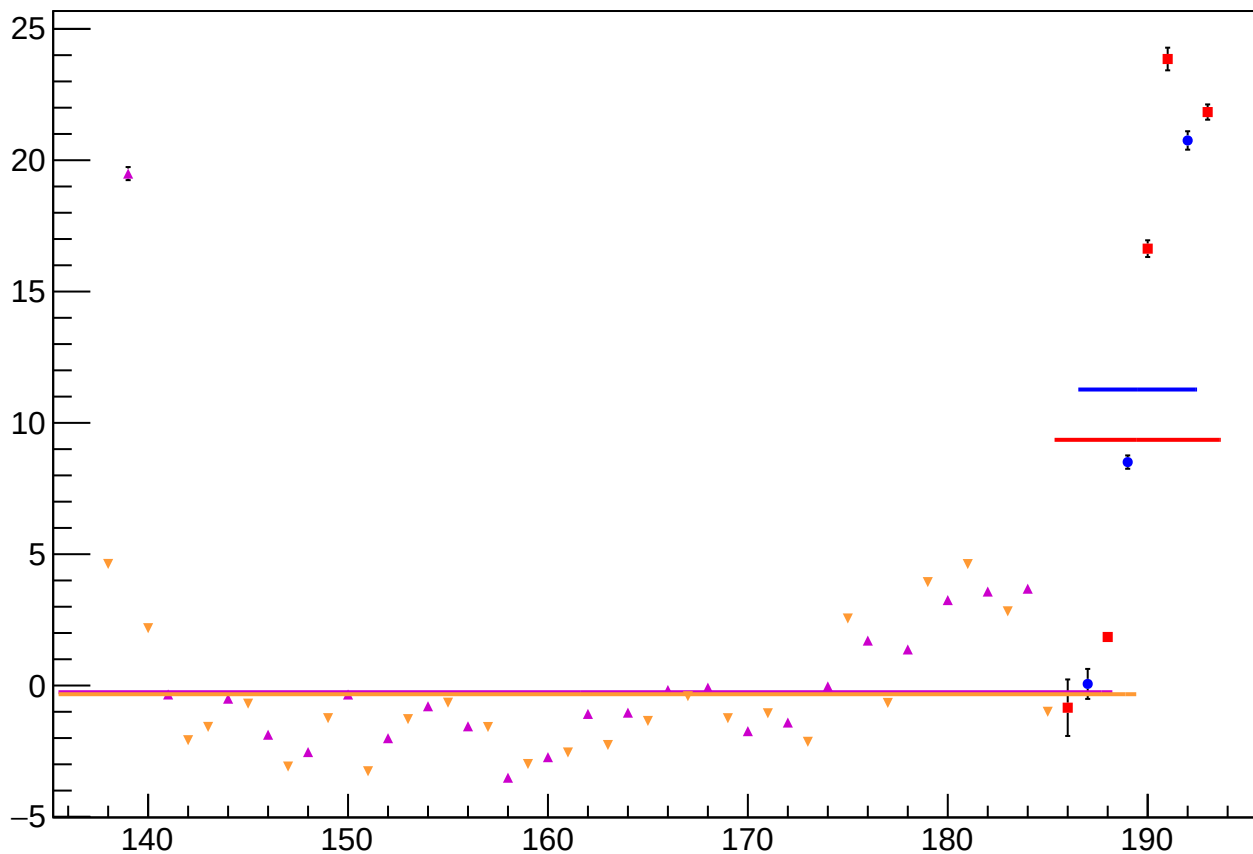
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.414 $\pm$ 0.169 χ^2 /NDF: 130.2/2
 Left Out: -2.156 $\pm$ 0.026 χ^2 /NDF: 24501.3/24
 Right Out: 0.696 $\pm$ 0.093 χ^2 /NDF: 771.9/4
 Left In: -2.058 $\pm$ 0.026 χ^2 /NDF: 23343.8/22

+ sign -2.098 $\pm$ 0.025 χ^2 /NDF: 24858.3/27
 All: -1.977 $\pm$ 0.018 χ^2 /NDF: 49829.2/55
 - sign -1.860 $\pm$ 0.025 χ^2 /NDF: 24926.3/27

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 11.270 $\pm$ 0.194 χ^2 /NDF: 1234.3/2

Left Out: -0.331 $\pm$ 0.021 χ^2 /NDF:12552.3/24

Right Out: 9.355 $\pm$ 0.123 χ^2 /NDF: 5743.4/4

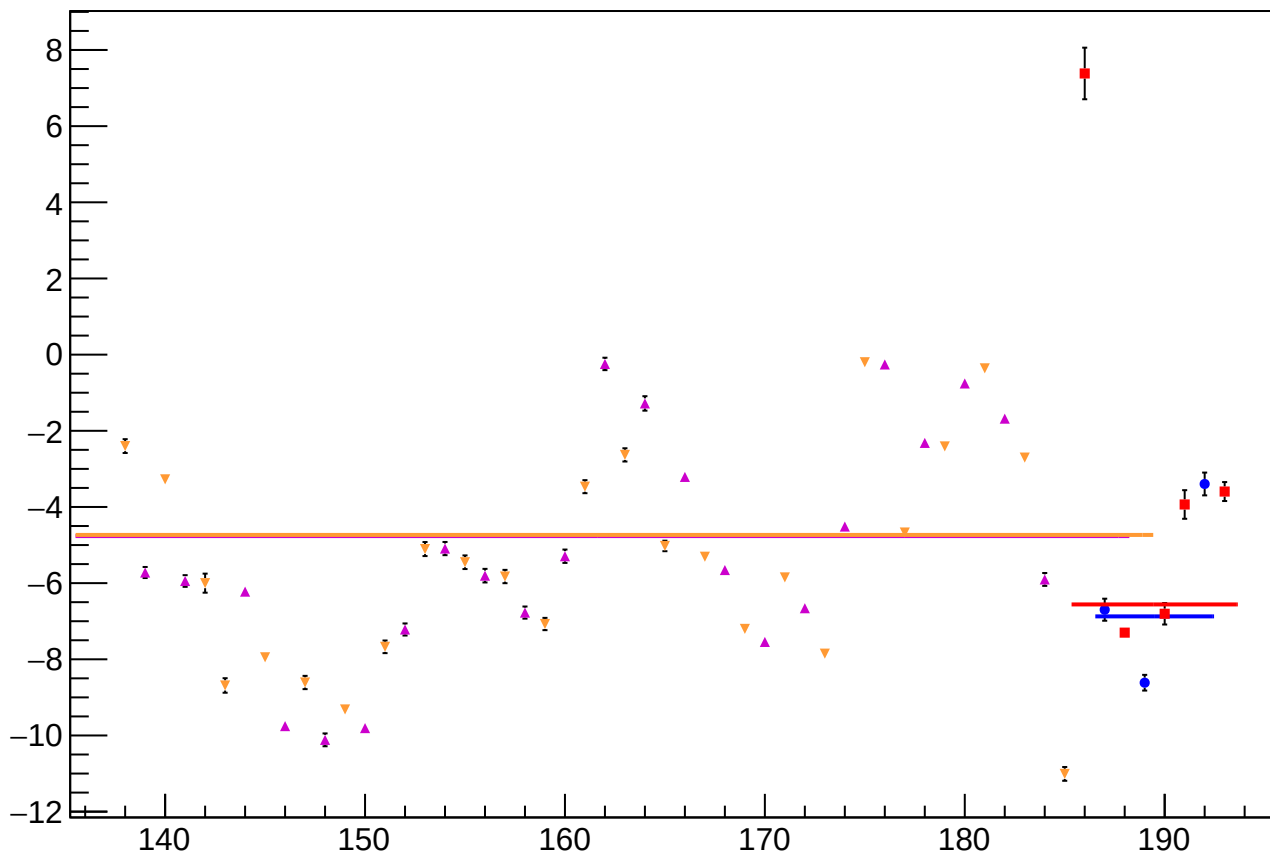
Left In: -0.255 $\pm$ 0.021 χ^2 /NDF:14162.0/22

+ sign -0.201 $\pm$ 0.021 χ^2 /NDF: 17331.3/27

All: -0.093 $\pm$ 0.015 χ^2 /NDF: 43241.4/55

- sign 0.015 $\pm$ 0.021 χ^2 /NDF: 25854.8/27

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -6.873 ± 0.146 χ^2/NDF : 206.7/2

Left Out: -4.734 ± 0.026 χ^2/NDF : 13188.7/24

Right Out: -6.559 ± 0.078 χ^2/NDF : 684.5/4

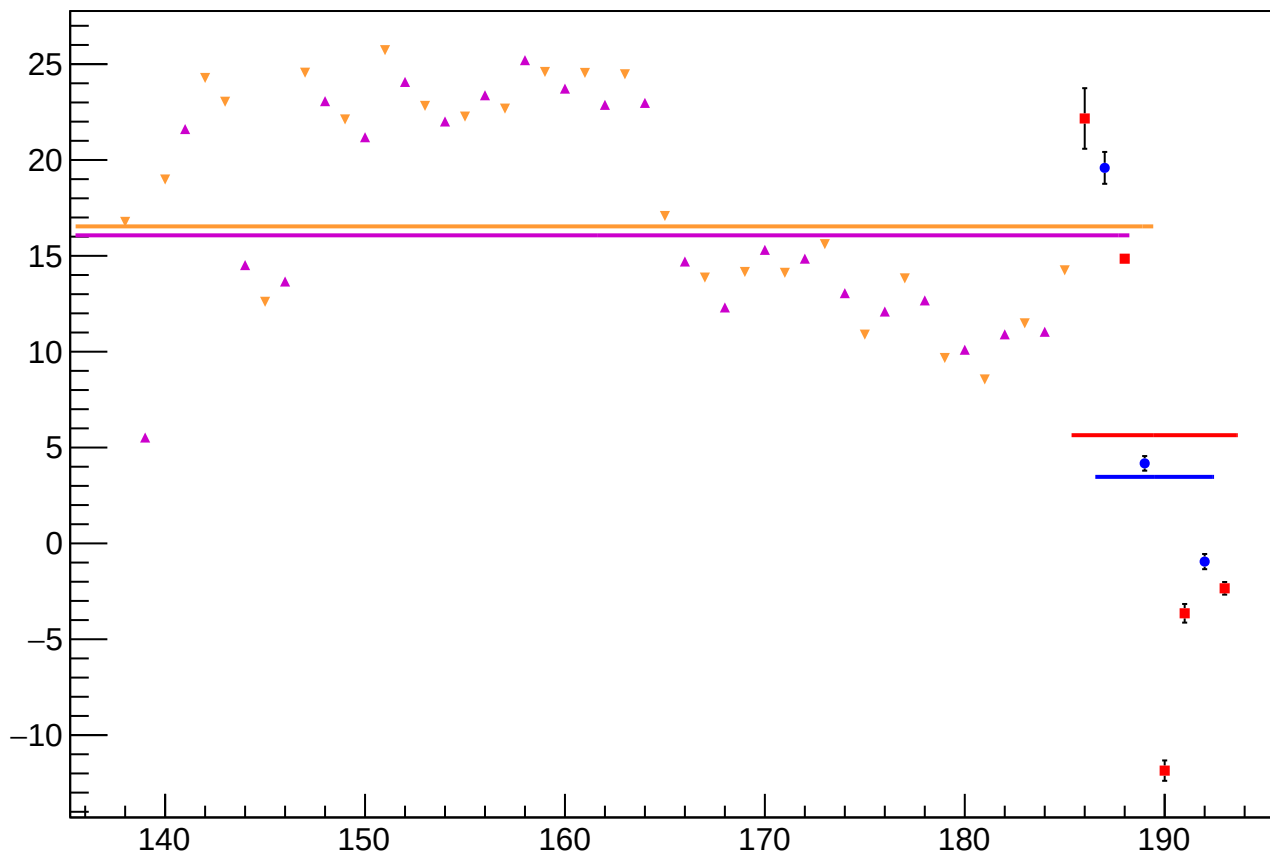
Left In: -4.764 ± 0.026 χ^2/NDF : 14163.2/22

+ sign -4.799 ± 0.025 χ^2/NDF : 13602.2/27

All: -4.874 ± 0.018 χ^2/NDF : 28943.4/55

- sign -4.944 ± 0.025 χ^2/NDF : 15324.5/27

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 3.471 ± 0.261 $\chi^2/\text{NDF}: 504.0/2$

Left Out: 16.536 ± 0.023 $\chi^2/\text{NDF}: 53546.9/24$

Right Out: 5.644 ± 0.167 $\chi^2/\text{NDF}: 3695.1/4$

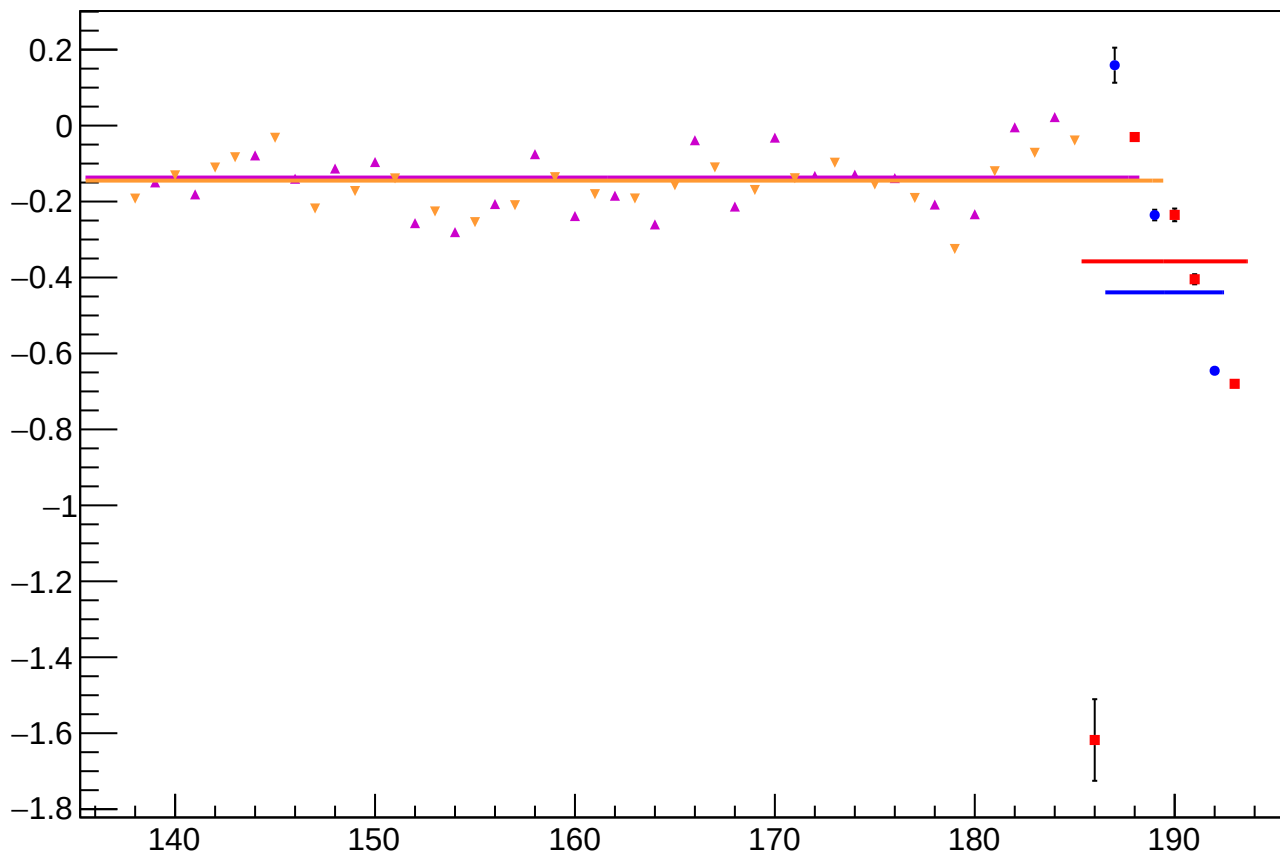
Left In: 16.069 ± 0.023 $\chi^2/\text{NDF}: 42736.3/22$

+ sign 16.434 ± 0.023 $\chi^2/\text{NDF}: 56542.4/27$

All: 16.153 ± 0.016 $\chi^2/\text{NDF}: 107071.6/55$

- sign 15.868 ± 0.023 $\chi^2/\text{NDF}: 50231.6/27$

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.439 $\pm$ 0.009 χ^2 /NDF: 652.8/2

Left Out: -0.145 $\pm$ 0.001 χ^2 /NDF: 3755.1/24

Right Out: -0.358 $\pm$ 0.006 χ^2 /NDF: 2185.0/4

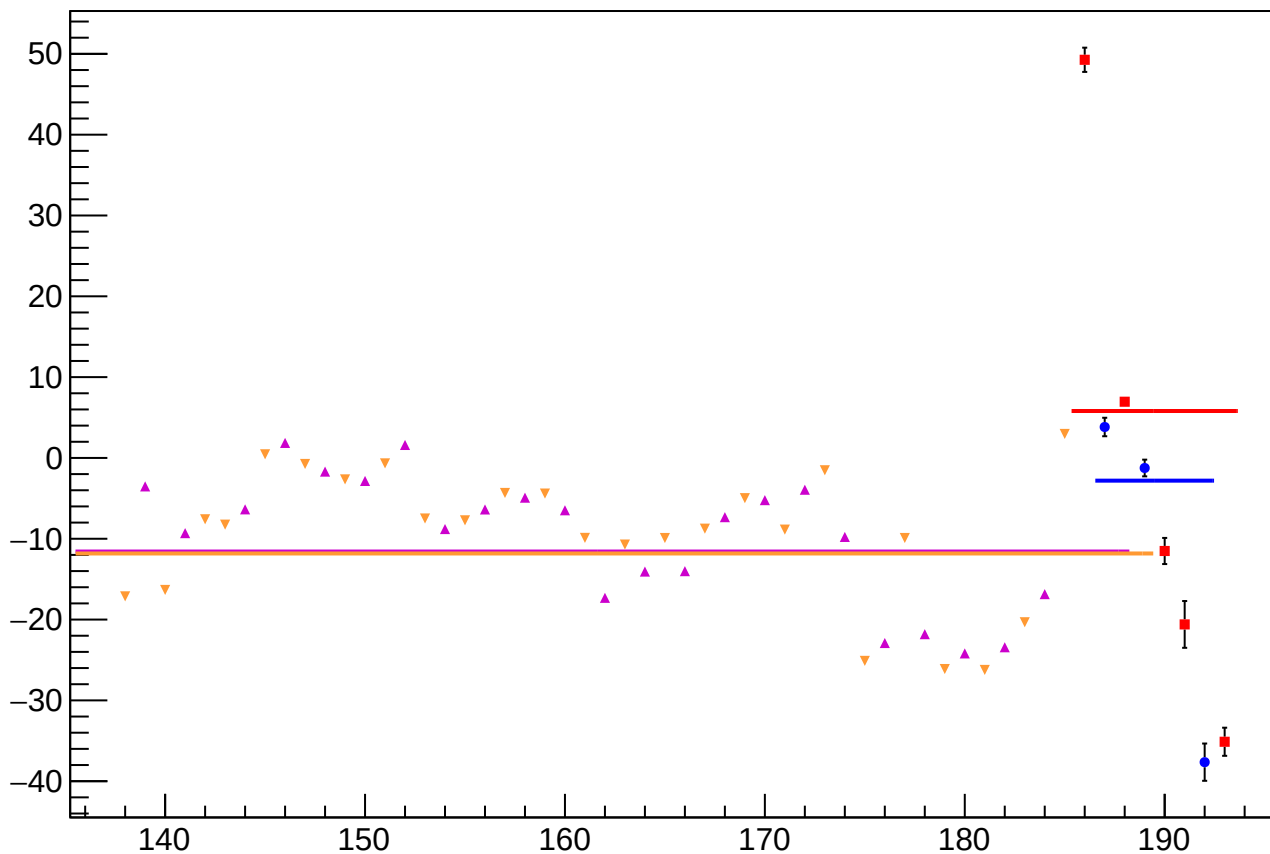
Left In: -0.137 $\pm$ 0.001 χ^2 /NDF: 5383.4/22

+ sign -0.149 $\pm$ 0.001 χ^2 /NDF: 5432.6/27

All: -0.146 $\pm$ 0.001 χ^2 /NDF: 14338.0/55

- sign -0.144 $\pm$ 0.001 χ^2 /NDF: 8893.5/27

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -2.810 ± 0.727 $\chi^2/\text{NDF}: 264.2/2$

Left Out: -11.823 ± 0.070 $\chi^2/\text{NDF}: 17277.3/24$

Right Out: 5.808 ± 0.459 $\chi^2/\text{NDF}: 1596.0/4$

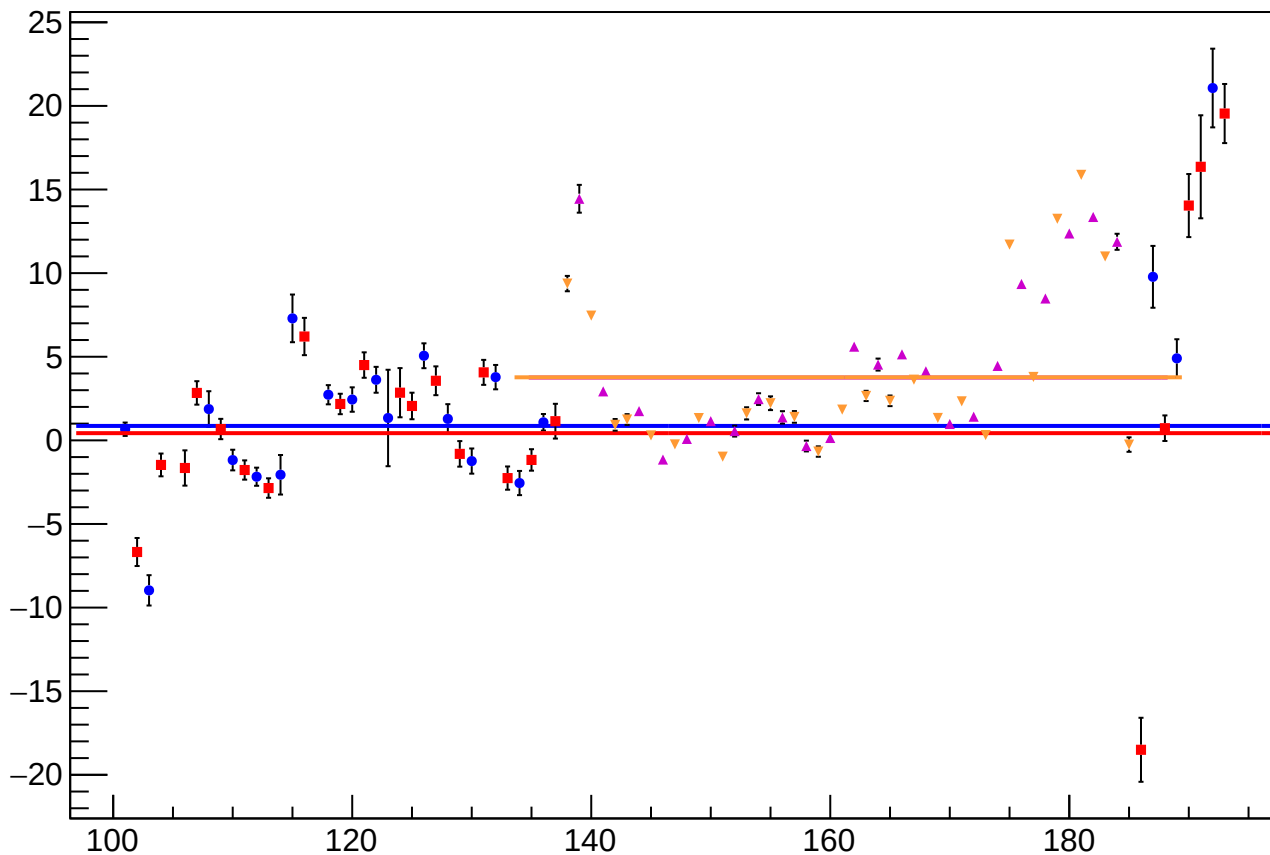
Left In: -11.580 ± 0.071 $\chi^2/\text{NDF}: 14243.6/22$

+ sign -11.739 ± 0.070 $\chi^2/\text{NDF}: 17693.6/27$

All: -11.456 ± 0.050 $\chi^2/\text{NDF}: 34967.1/55$

- sign -11.172 ± 0.070 $\chi^2/\text{NDF}: 17240.8/27$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.863 $\pm$ 0.166 χ^2 /NDF: 403.2/19

Left Out: 3.770 $\pm$ 0.056 χ^2 /NDF: 7420.4/24

Right Out: 0.431 $\pm$ 0.168 χ^2 /NDF: 567.4/22

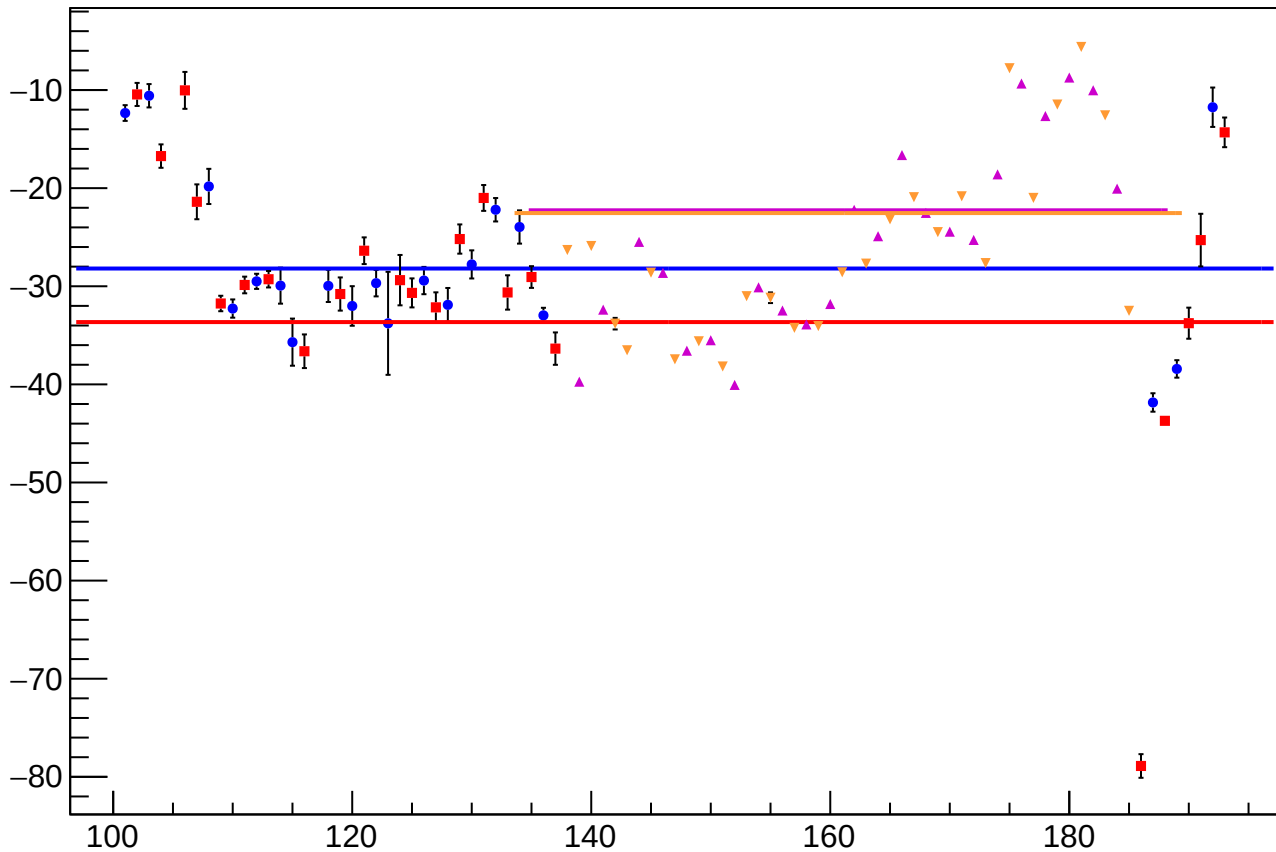
Left In: 3.755 $\pm$ 0.056 χ^2 /NDF: 5655.2/22

+ sign 3.477 $\pm$ 0.053 χ^2 /NDF: 8099.1/44

All: 3.448 $\pm$ 0.038 χ^2 /NDF: 14673.9/90

- sign 3.418 $\pm$ 0.054 χ^2 /NDF: 6574.2/45

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -28.192 ± 0.269 χ^2/NDF : 1156.2/19

Left Out: -22.540 ± 0.071 χ^2/NDF : 19751.6/24

Right Out: -33.650 ± 0.234 χ^2/NDF : 3159.8/22

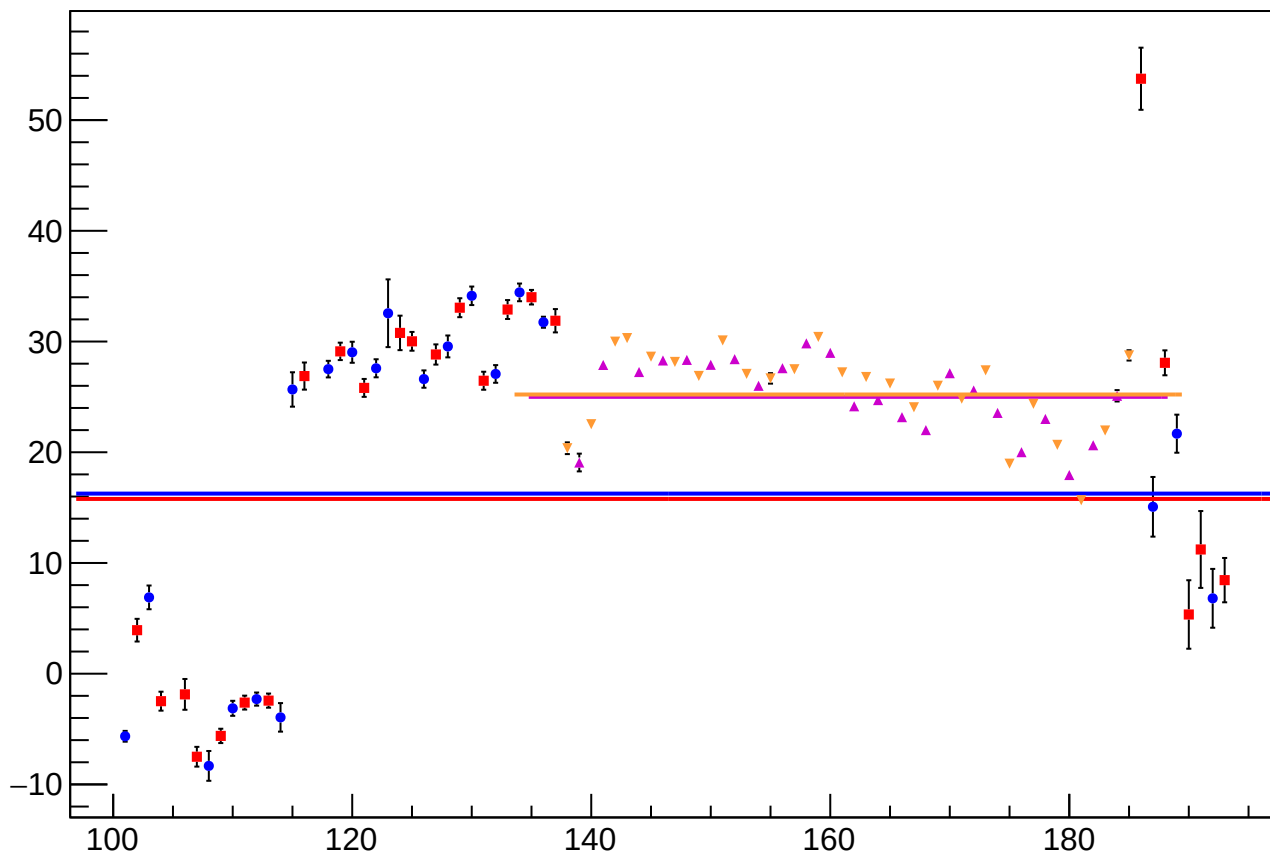
Left In: -22.258 ± 0.071 χ^2/NDF : 17838.4/22

+ sign -22.905 ± 0.068 χ^2/NDF : 21319.8/44

All: -23.065 ± 0.048 χ^2/NDF : 44494.3/90

- sign -23.224 ± 0.068 χ^2/NDF : 23163.6/45

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.265 $\pm$ 0.189 χ^2 /NDF: 7634.1/19

Left Out: 25.216 $\pm$ 0.063 χ^2 /NDF: 3738.3/24

Right Out: 15.783 $\pm$ 0.192 χ^2 /NDF: 7601.6/22

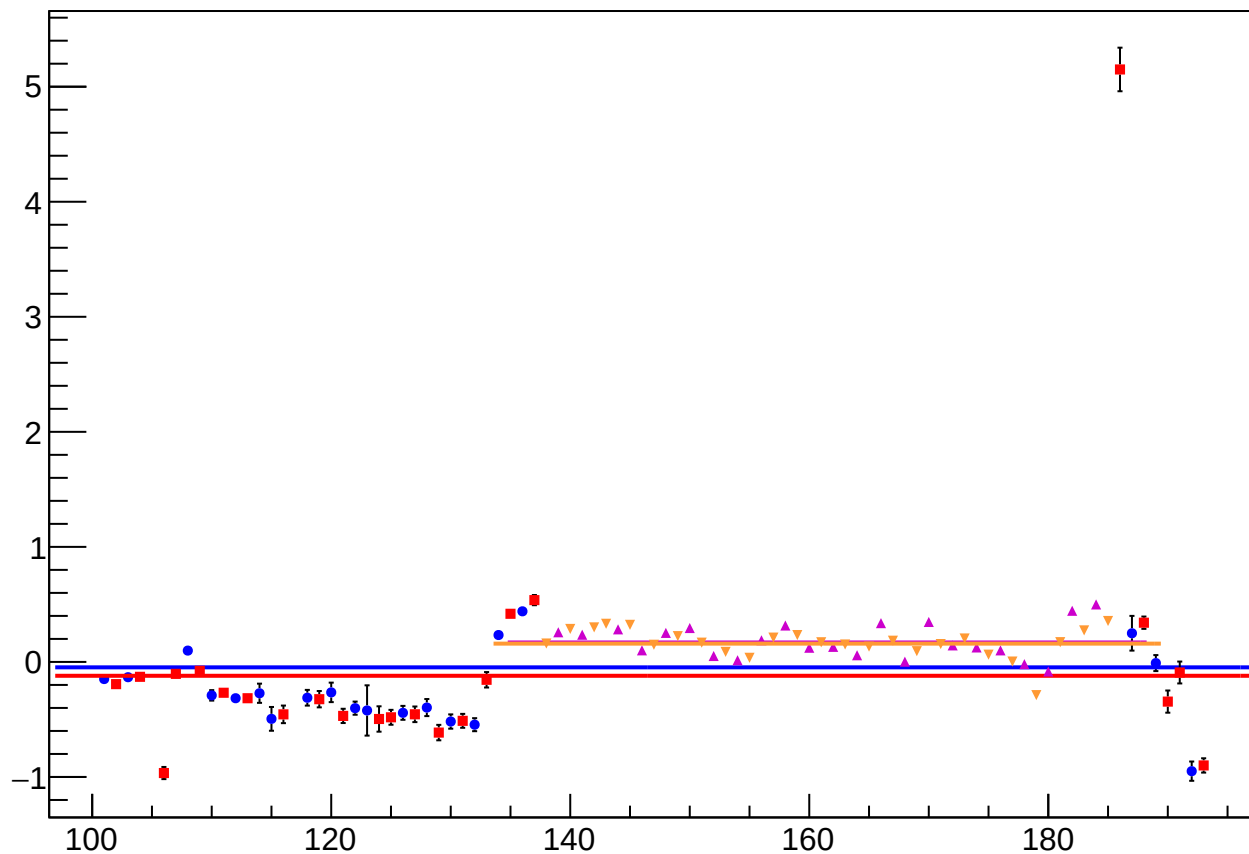
Left In: 25.005 $\pm$ 0.064 χ^2 /NDF: 2733.7/22

+ sign 24.327 $\pm$ 0.060 χ^2 /NDF: 13394.4/44

All: 24.212 $\pm$ 0.042 χ^2 /NDF: 25812.2/90

- sign 24.094 $\pm$ 0.060 χ^2 /NDF: 12410.3/45

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.047 ± 0.010 χ^2/NDF : 1135.8/19

Left Out: 0.159 ± 0.003 χ^2/NDF : 1856.8/24

Right Out: -0.120 ± 0.010 χ^2/NDF : 2174.7/22

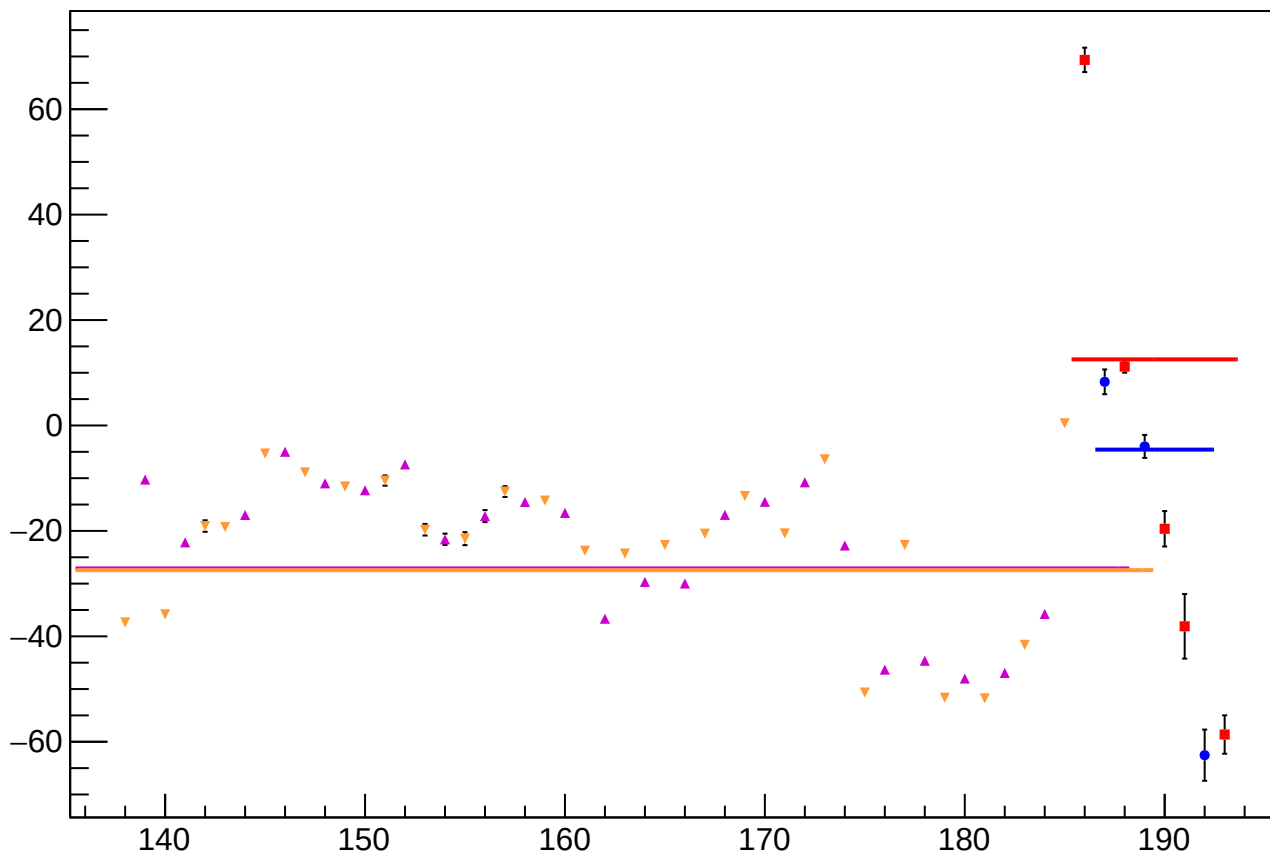
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ sign 0.144 ± 0.003 χ^2/NDF : 3377.7/44

All: 0.145 ± 0.002 χ^2/NDF : 8766.0/90

- sign 0.146 ± 0.003 χ^2/NDF : 5387.8/45

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -4.579 ± 1.518 $\chi^2/\text{NDF}: 172.3/2$

Left Out: -27.447 ± 0.137 $\chi^2/\text{NDF}: 14820.6/24$

Right Out: 12.543 ± 0.945 $\chi^2/\text{NDF}: 1144.0/4$

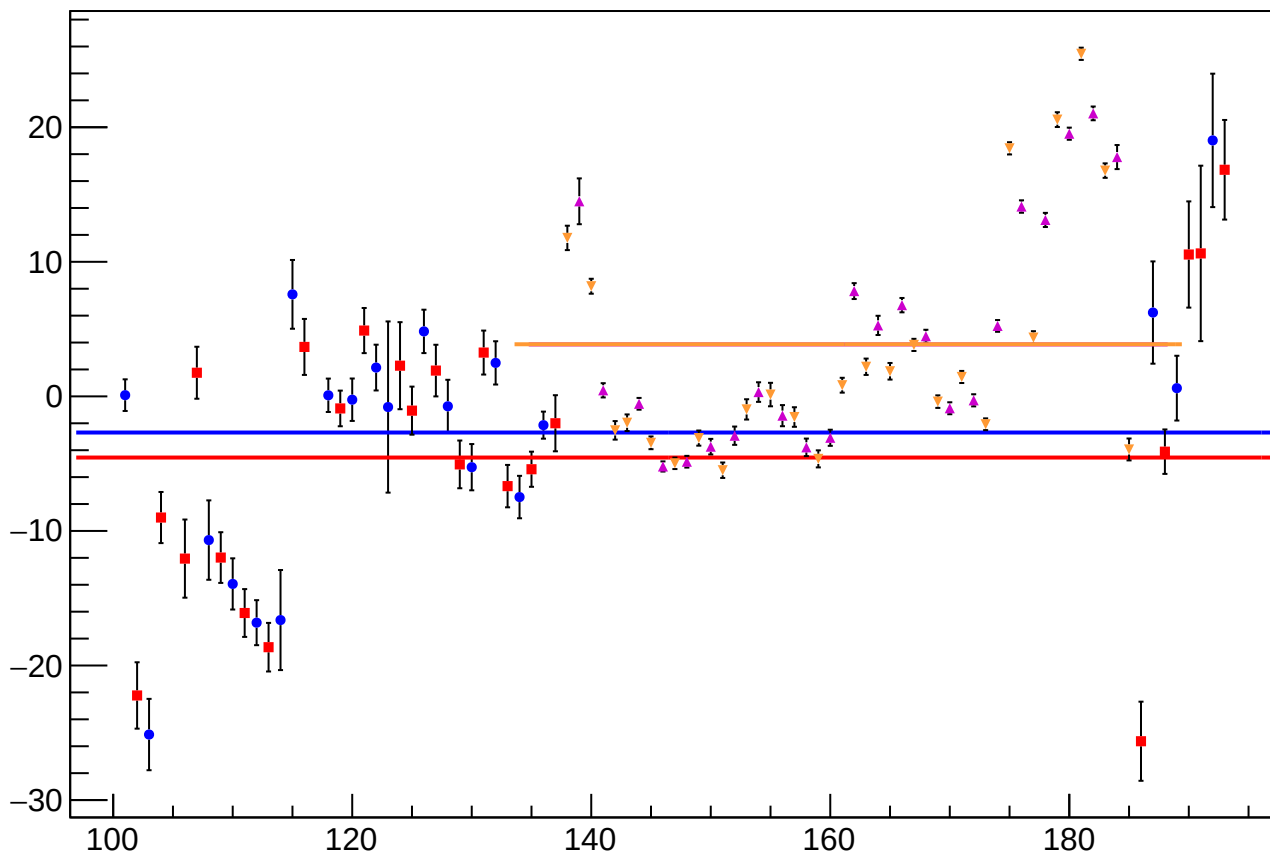
Left In: -27.114 ± 0.139 $\chi^2/\text{NDF}: 11443.8/22$

+ sign -27.262 ± 0.136 $\chi^2/\text{NDF}: 15218.2/27$

All: -26.773 ± 0.097 $\chi^2/\text{NDF}: 29554.1/55$

- sign -26.279 ± 0.137 $\chi^2/\text{NDF}: 14310.2/27$

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -2.686 ± 0.398 χ^2/NDF : 308.0/19

Left Out: 3.873 ± 0.109 χ^2/NDF : 6906.0/24

Right Out: -4.545 ± 0.404 χ^2/NDF : 399.0/22

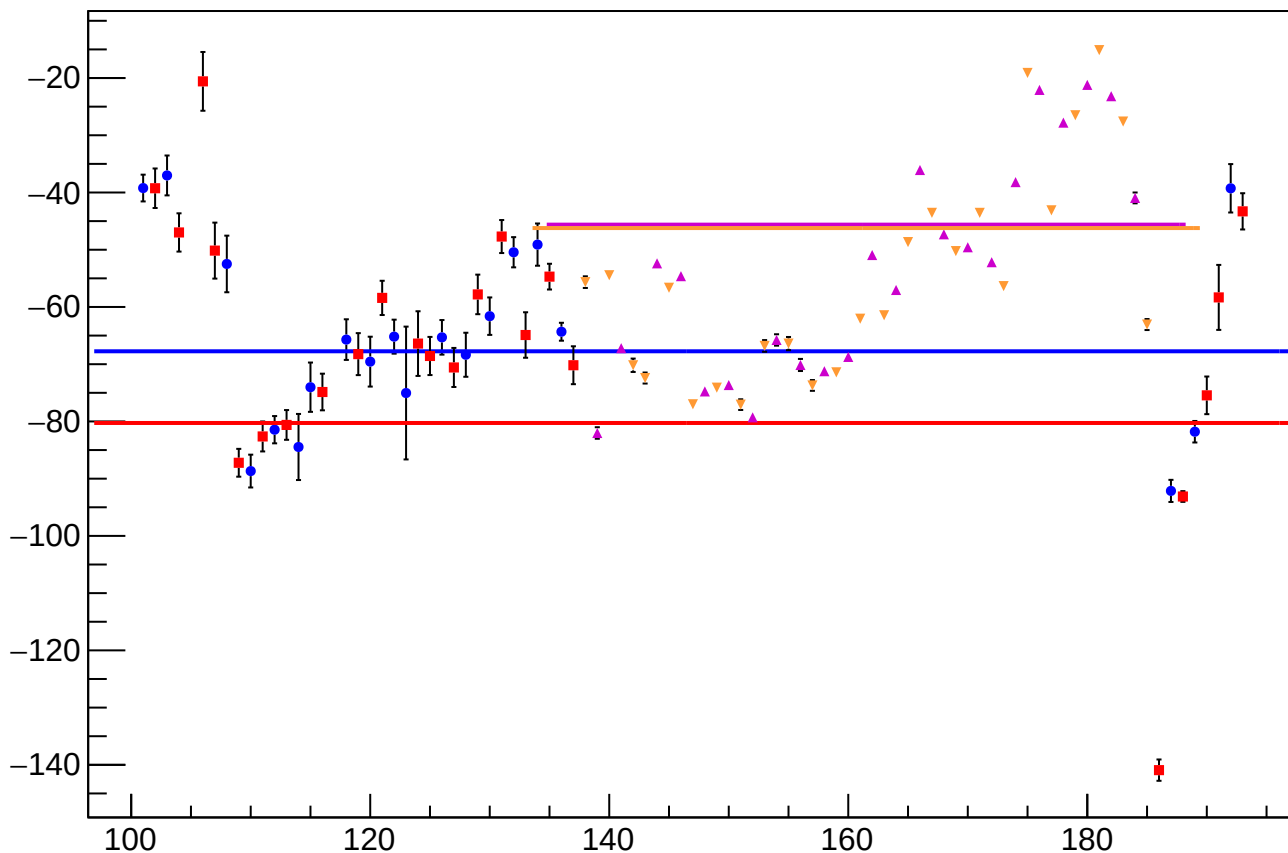
Left In: 3.861 ± 0.111 χ^2/NDF : 5438.4/22

+ sign 3.412 ± 0.106 χ^2/NDF : 7466.2/44

All: 3.343 ± 0.075 χ^2/NDF : 13707.1/90

- sign 3.273 ± 0.107 χ^2/NDF : 6240.0/45

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -67.744 $\pm$ 0.640 χ^2/NDF : 672.7/19

Left Out: -46.213 $\pm$ 0.138 χ^2/NDF :19981.0/24

Right Out: -80.270 $\pm$ 0.541 χ^2/NDF : 2241.0/22

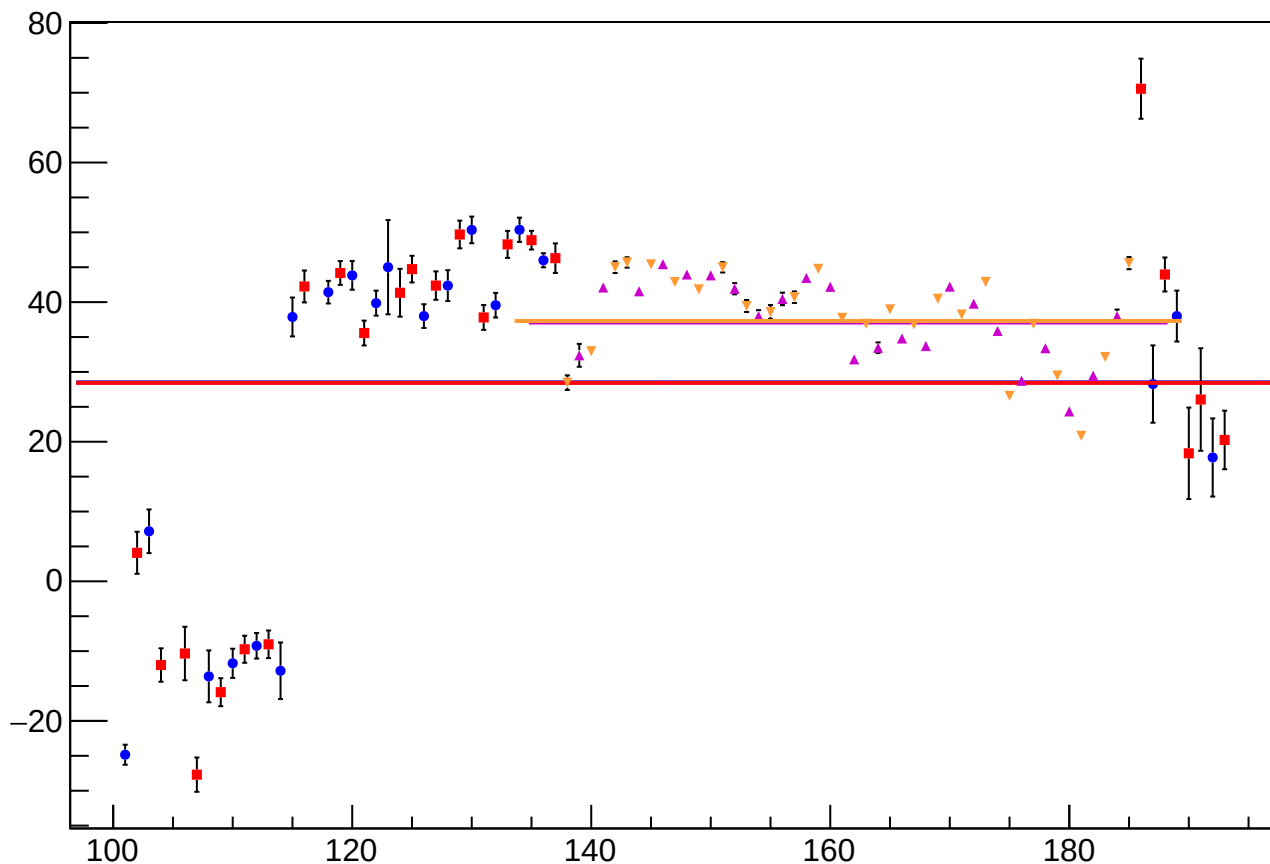
Left In: -45.616 $\pm$ 0.139 χ^2/NDF :17743.8/22

+ sign -47.172 $\pm$ 0.135 χ^2/NDF : 21736.0/44

All: -47.469 $\pm$ 0.095 χ^2/NDF : 45575.6/90

- sign -47.765 $\pm$ 0.135 χ^2/NDF : 23830.0/45

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.501 $\pm$ 0.451 χ^2 /NDF: 3340.8/19

Left Out: 37.298 $\pm$ 0.123 χ^2 /NDF:3113.0/24

Right Out: 28.439 $\pm$ 0.462 χ^2 /NDF: 3173.8/22

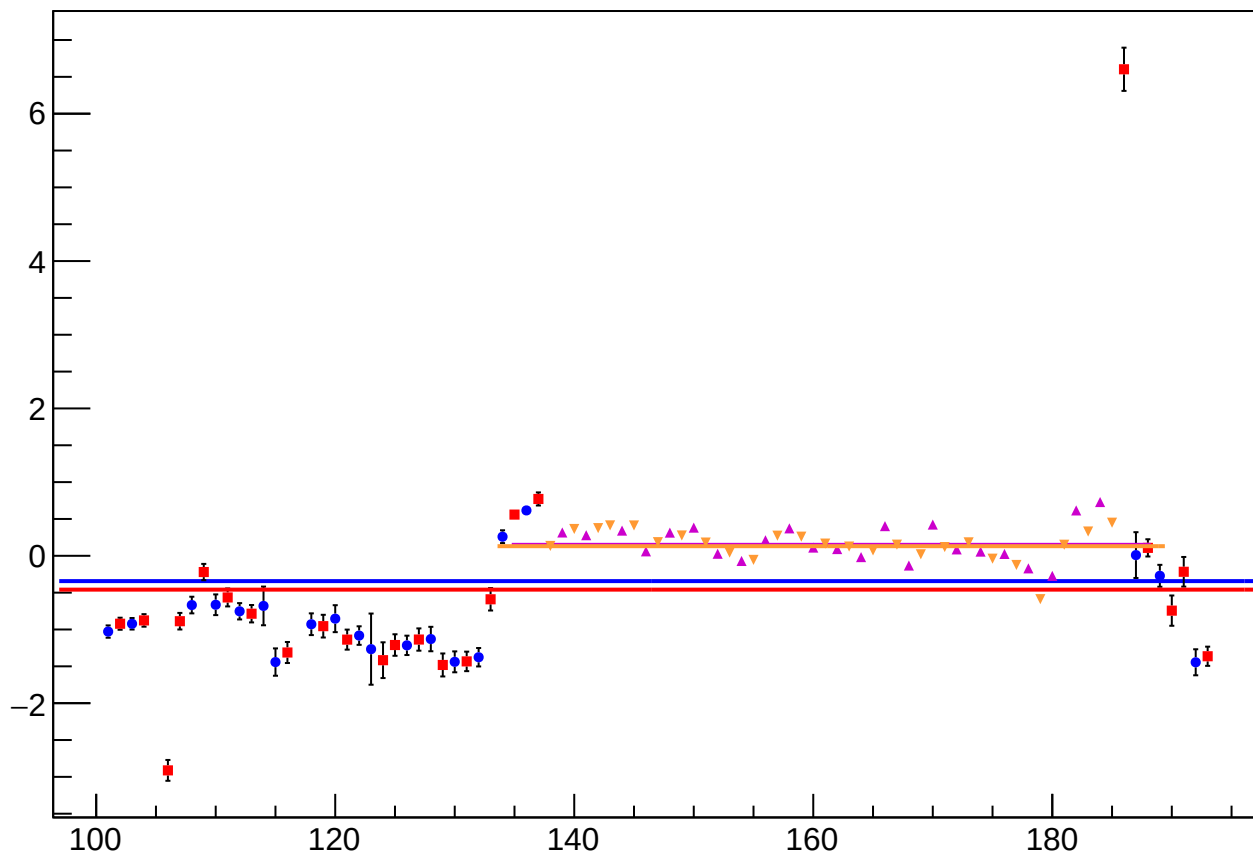
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

+ sign 36.687 $\pm$ 0.119 χ^2 /NDF: 6808.6/44

All: 36.592 $\pm$ 0.085 χ^2 /NDF: 12714.6/90

- sign 36.494 $\pm$ 0.120 χ^2 /NDF: 5904.7/45

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.343 ± 0.024 χ^2/NDF : 1053.9/19

Left Out: 0.130 ± 0.006 χ^2/NDF : 1419.7/24

Right Out: -0.459 ± 0.024 χ^2/NDF : 1821.8/22

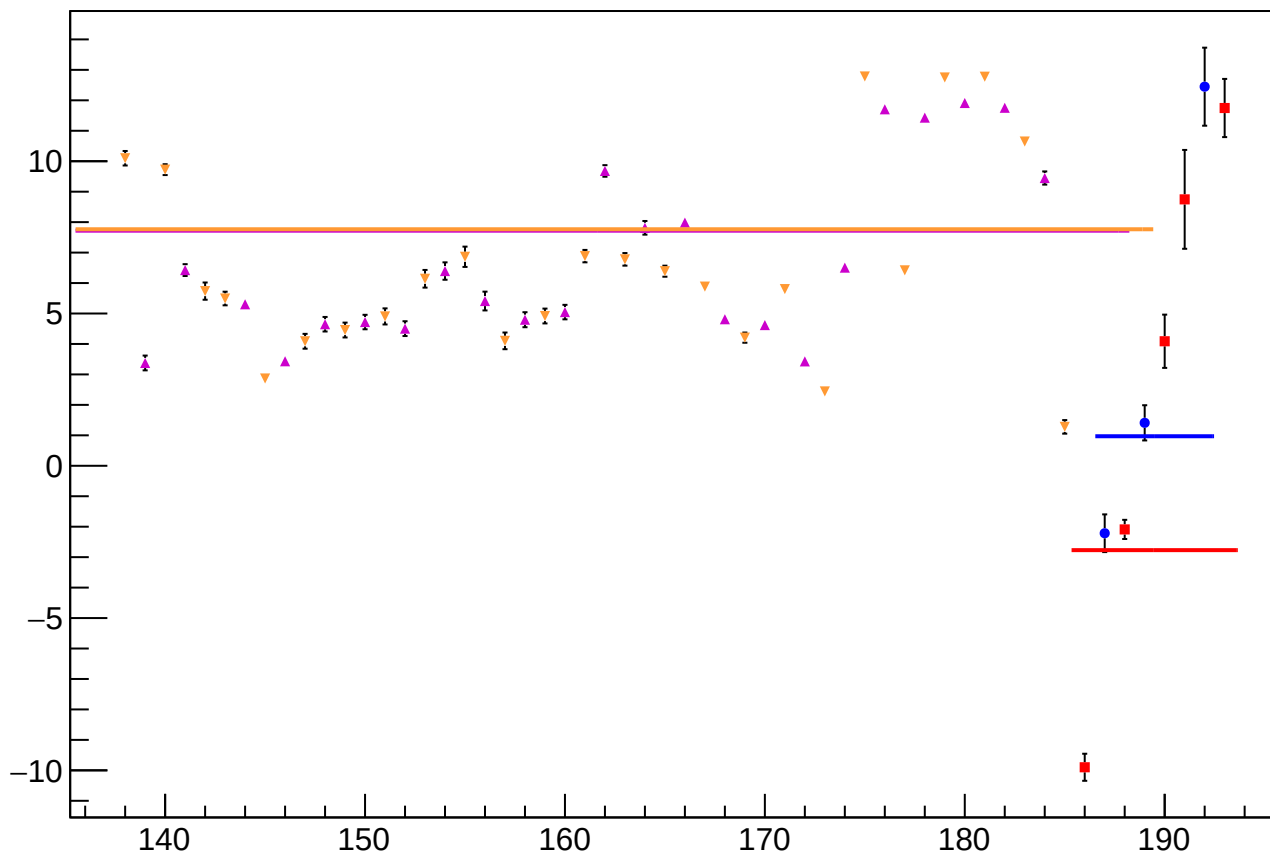
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.106 ± 0.005 χ^2/NDF : 2836.0/44

All: 0.111 ± 0.004 χ^2/NDF : 7067.9/90

- sign 0.117 ± 0.006 χ^2/NDF : 4229.9/45

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.970 ± 0.401 χ^2/NDF : 107.3/2

Left Out: 7.766 ± 0.034 χ^2/NDF : 11703.8/24

Right Out: -2.770 ± 0.236 χ^2/NDF : 605.0/4

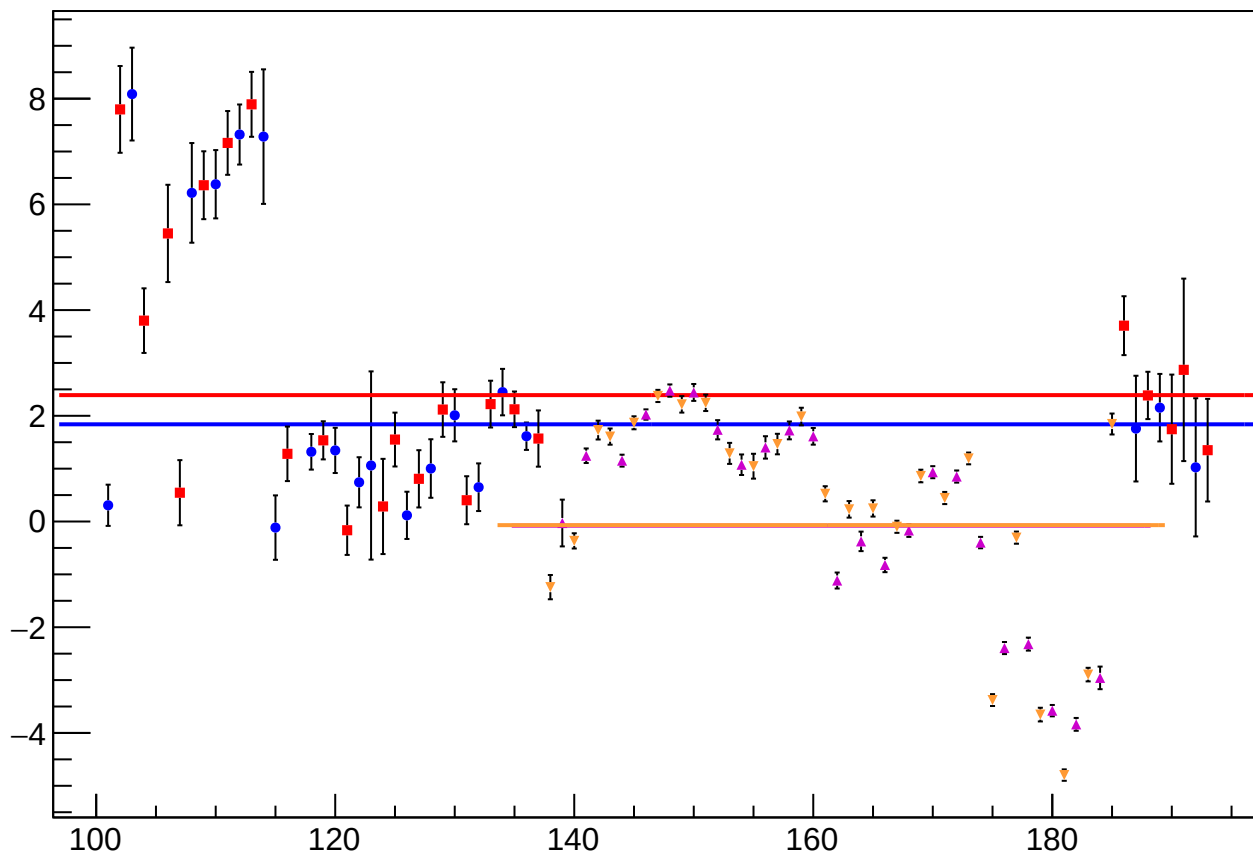
Left In: 7.719 ± 0.035 χ^2/NDF : 8490.5/22

+ sign 7.716 ± 0.034 χ^2/NDF : 12096.0/27

All: 7.606 ± 0.024 χ^2/NDF : 23145.2/55

- sign 7.495 ± 0.035 χ^2/NDF : 11028.5/27

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.839 ± 0.113 χ^2/NDF : 295.5/19

Left Out: -0.069 ± 0.028 χ^2/NDF : 6033.5/24

Right Out: 2.391 ± 0.114 χ^2/NDF : 336.5/22

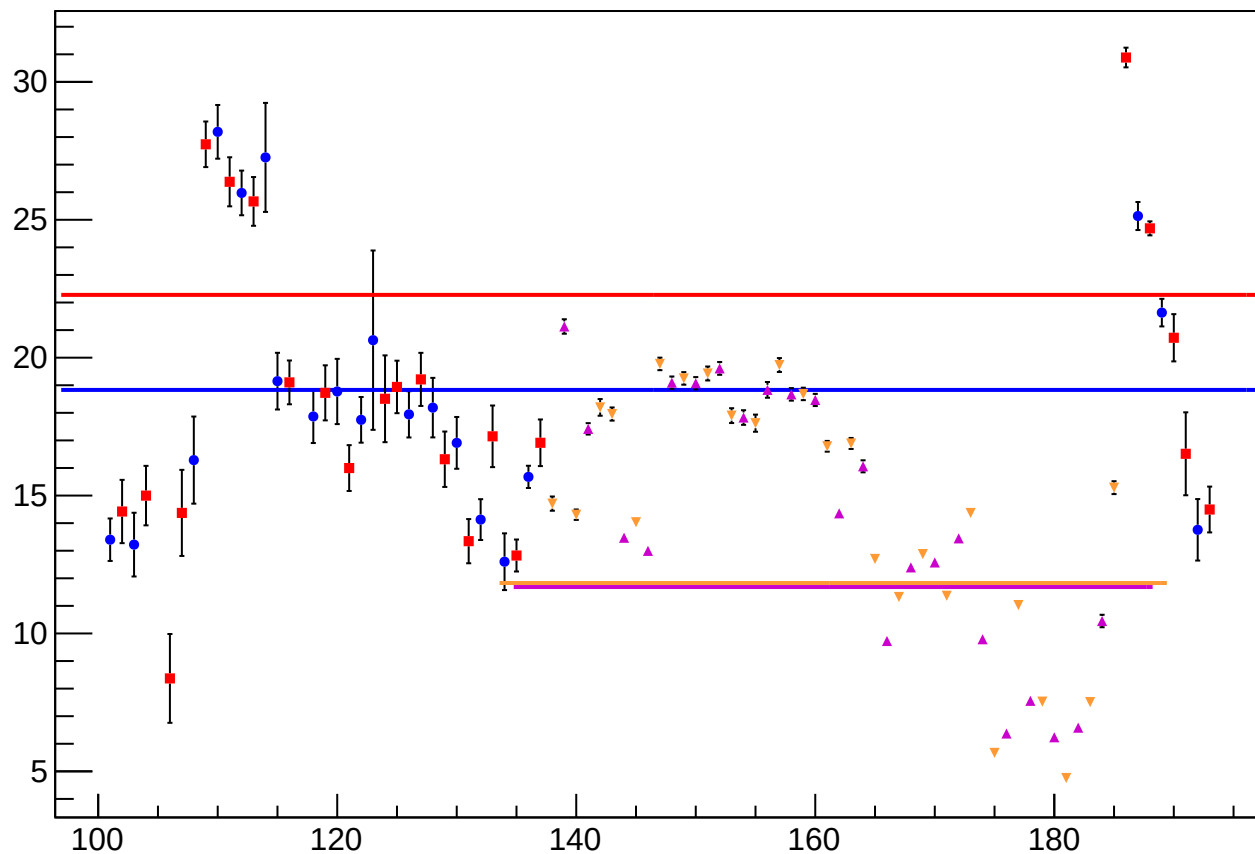
Left In: -0.079 ± 0.028 χ^2/NDF : 4989.1/22

+ sign 0.040 ± 0.027 χ^2/NDF : 6597.6/44

All: 0.052 ± 0.019 χ^2/NDF : 12366.0/90

- sign 0.063 ± 0.027 χ^2/NDF : 5768.0/45

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.831 $\pm$ 0.180 χ^2 /NDF: 617.1/19

Left Out: 11.830 $\pm$ 0.035 χ^2 /NDF:19032.5/24

Right Out: 22.277 $\pm$ 0.145 χ^2 /NDF: 1649.8/22

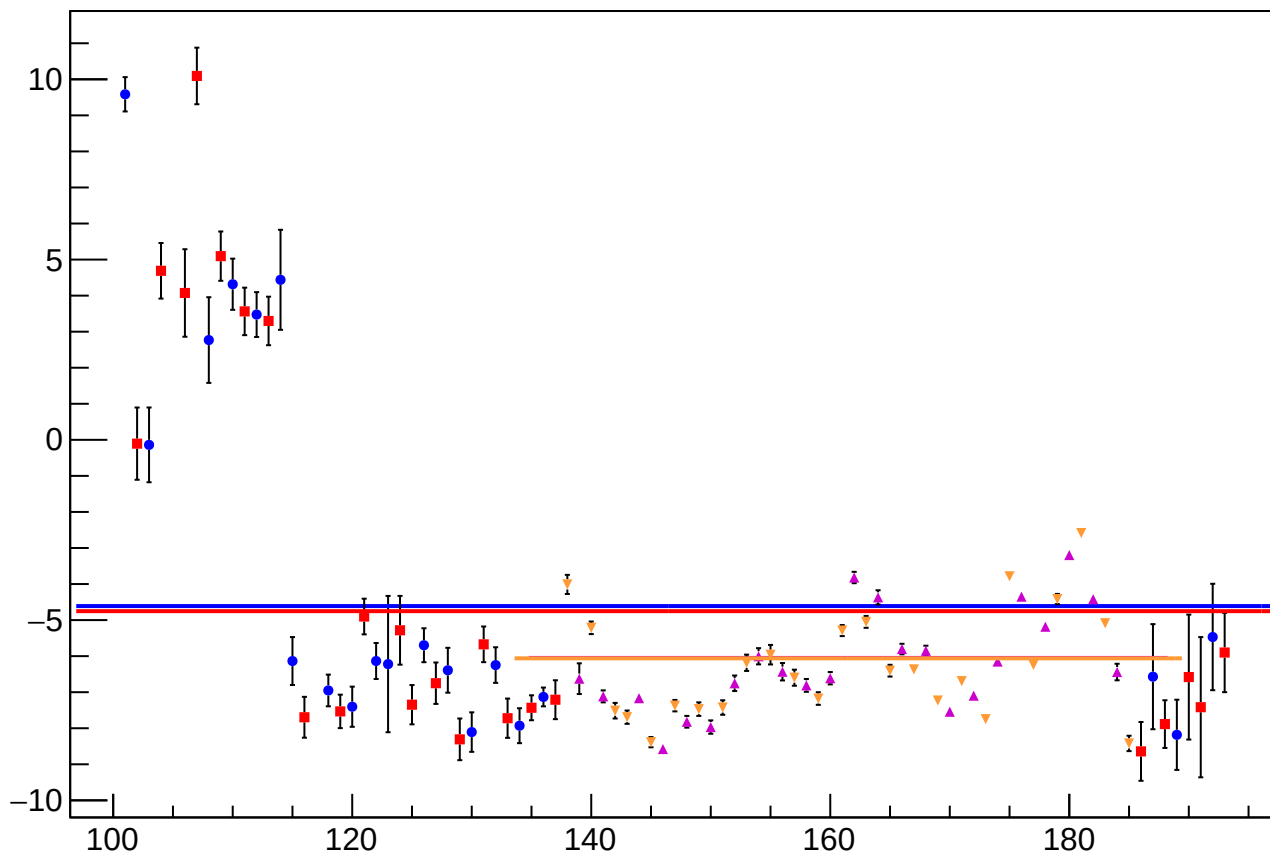
Left In: 11.683 $\pm$ 0.035 χ^2 /NDF:16927.3/22

+ sign 12.082 $\pm$ 0.034 χ^2 /NDF: 21113.5/44

All: 12.174 $\pm$ 0.024 χ^2 /NDF: 44730.9/90

- sign 12.266 $\pm$ 0.034 χ^2 /NDF: 23602.8/45

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.611 ± 0.127 χ^2/NDF : 1606.2/19

Left Out: -6.061 ± 0.031 χ^2/NDF : 2649.3/24

Right Out: -4.752 ± 0.131 χ^2/NDF : 1391.2/22

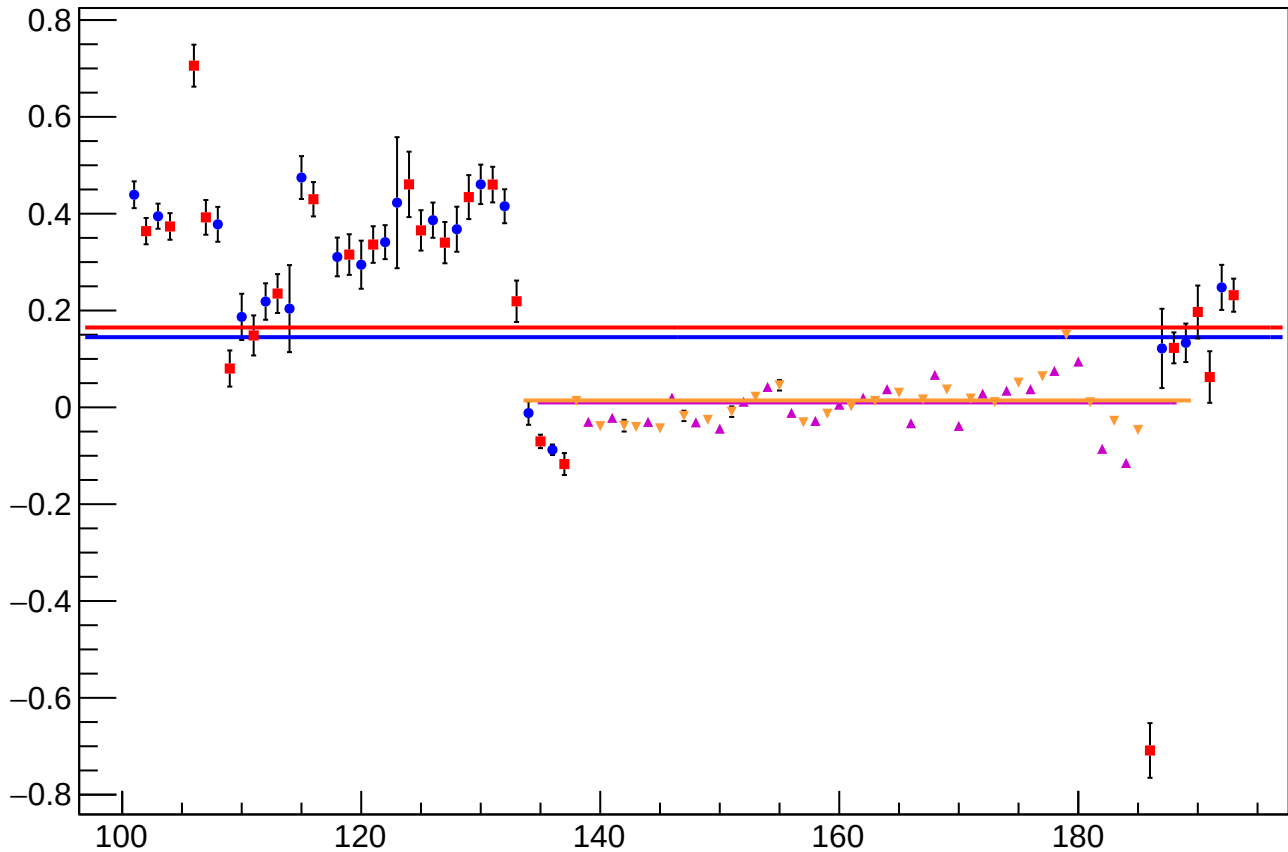
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.979 ± 0.030 χ^2/NDF : 4377.6/44

All: -5.978 ± 0.022 χ^2/NDF : 8165.0/90

- sign -5.978 ± 0.031 χ^2/NDF : 3787.4/45

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.145 ± 0.007 χ^2/NDF : 1065.5/19

Left Out: 0.014 ± 0.001 χ^2/NDF : 950.9/24

Right Out: 0.165 ± 0.007 χ^2/NDF : 1256.5/22

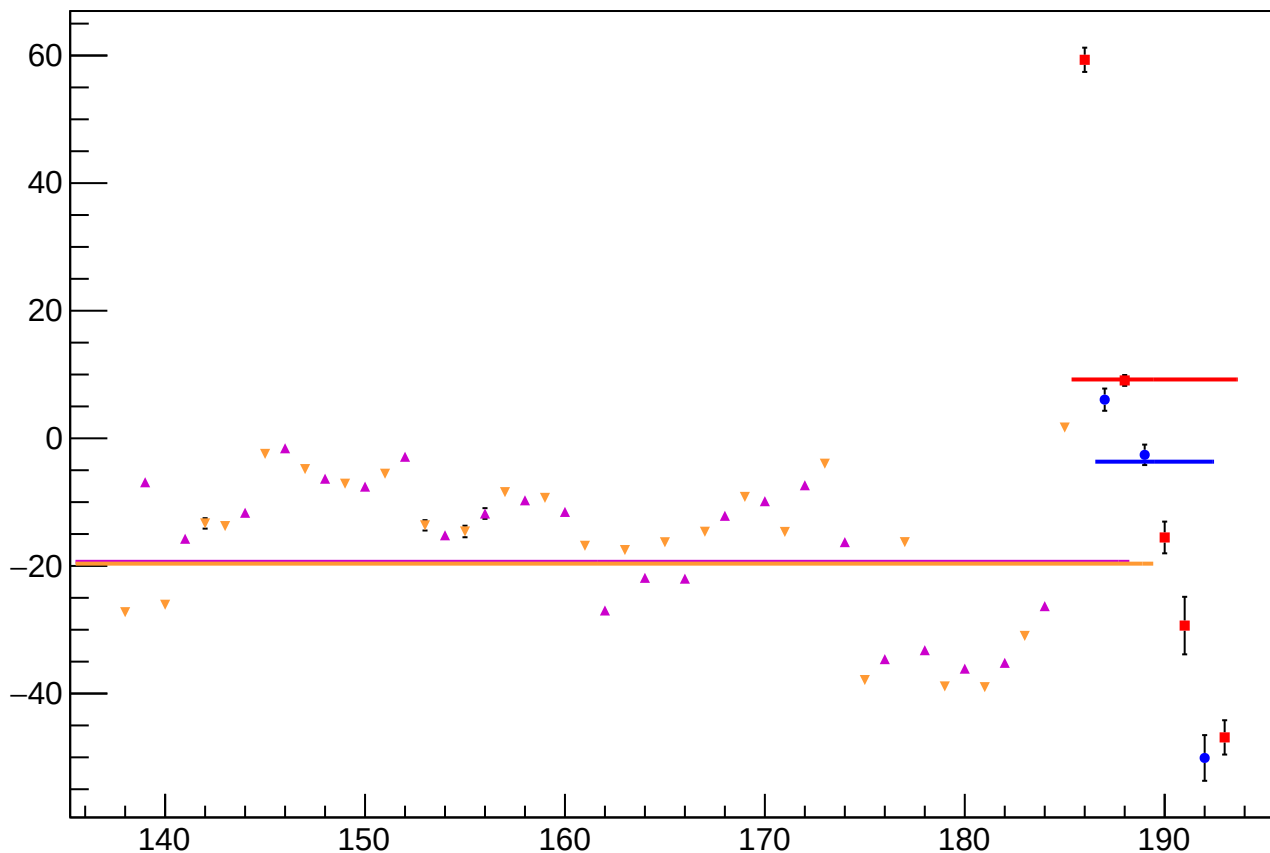
Left In: 0.010 ± 0.001 χ^2/NDF : 1224.5/22

+ sign 0.020 ± 0.001 χ^2/NDF : 2365.9/44

All: 0.018 ± 0.001 χ^2/NDF : 5332.9/90

- sign 0.017 ± 0.001 χ^2/NDF : 2964.6/45

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -3.659 $\pm$ 1.120 χ^2/NDF : 199.8/2

Left Out: -19.642 $\pm$ 0.103 χ^2/NDF : 15730.6/24

Right Out: 9.225 $\pm$ 0.704 χ^2/NDF : 1302.4/4

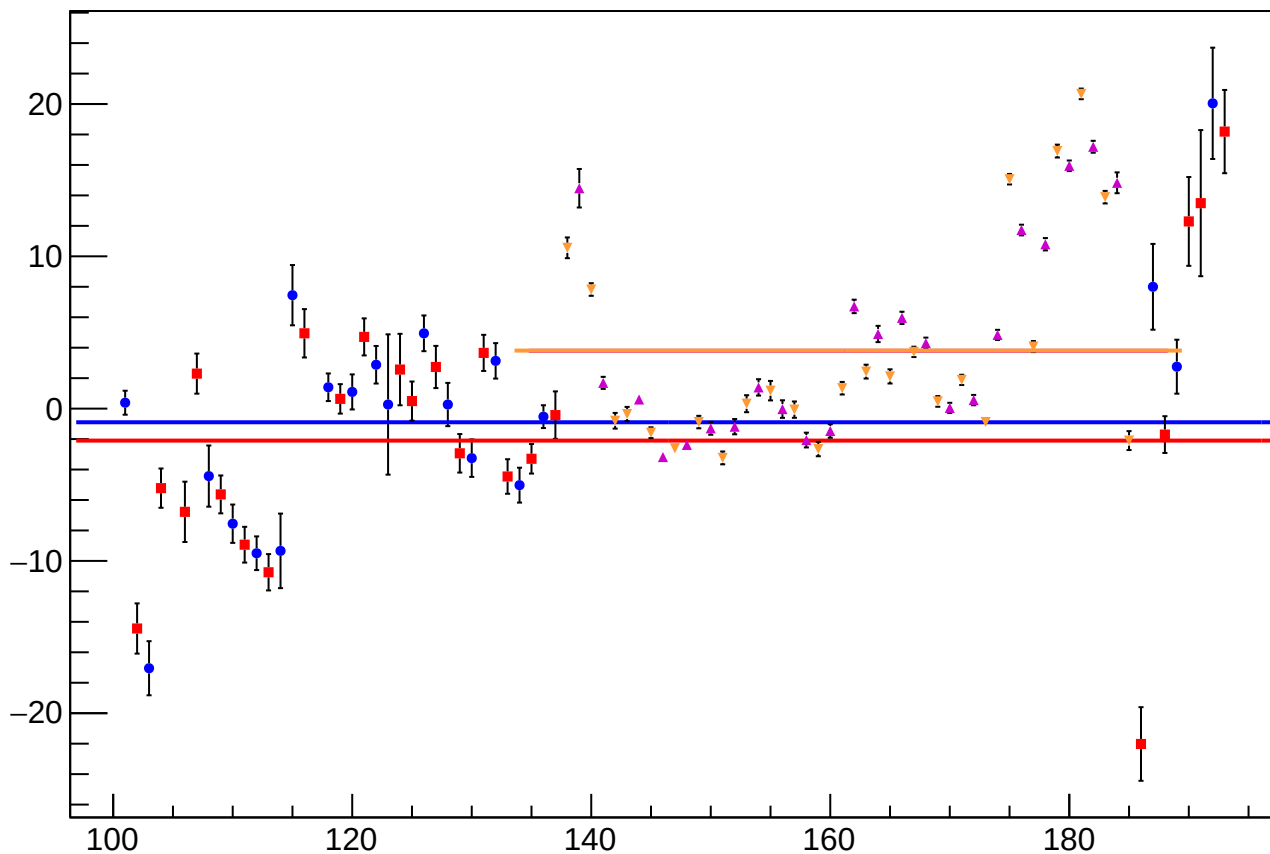
Left In: -19.355 $\pm$ 0.105 χ^2/NDF : 12417.1/22

+ sign -19.508 $\pm$ 0.103 χ^2/NDF : 16132.2/27

All: -19.125 $\pm$ 0.073 χ^2/NDF : 31491.2/55

- sign -18.739 $\pm$ 0.103 χ^2/NDF : 15331.2/27

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -0.896 ± 0.284 χ^2/NDF : 326.9/19

Left Out: 3.811 ± 0.082 χ^2/NDF : 7118.3/24

Right Out: -2.100 ± 0.288 χ^2/NDF : 441.4/22

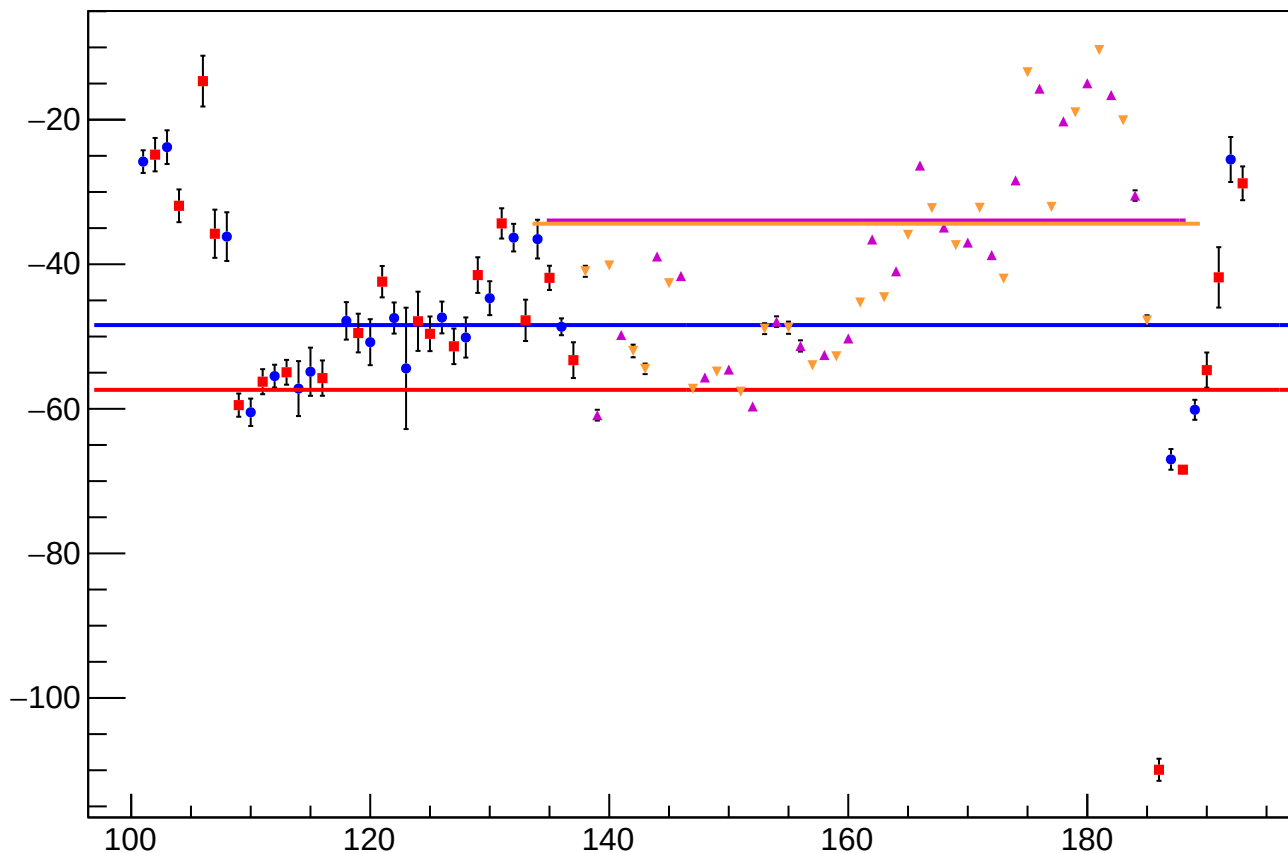
Left In: 3.795 ± 0.083 χ^2/NDF : 5534.4/22

+ sign 3.446 ± 0.079 χ^2/NDF : 7698.8/44

All: 3.394 ± 0.056 χ^2/NDF : 14062.4/90

- sign 3.340 ± 0.080 χ^2/NDF : 6362.7/45

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -48.413 ± 0.458 χ^2/NDF : 760.5/19

Left Out: -34.389 ± 0.104 χ^2/NDF : 20032.2/24

Right Out: -57.373 ± 0.391 χ^2/NDF : 2467.7/22

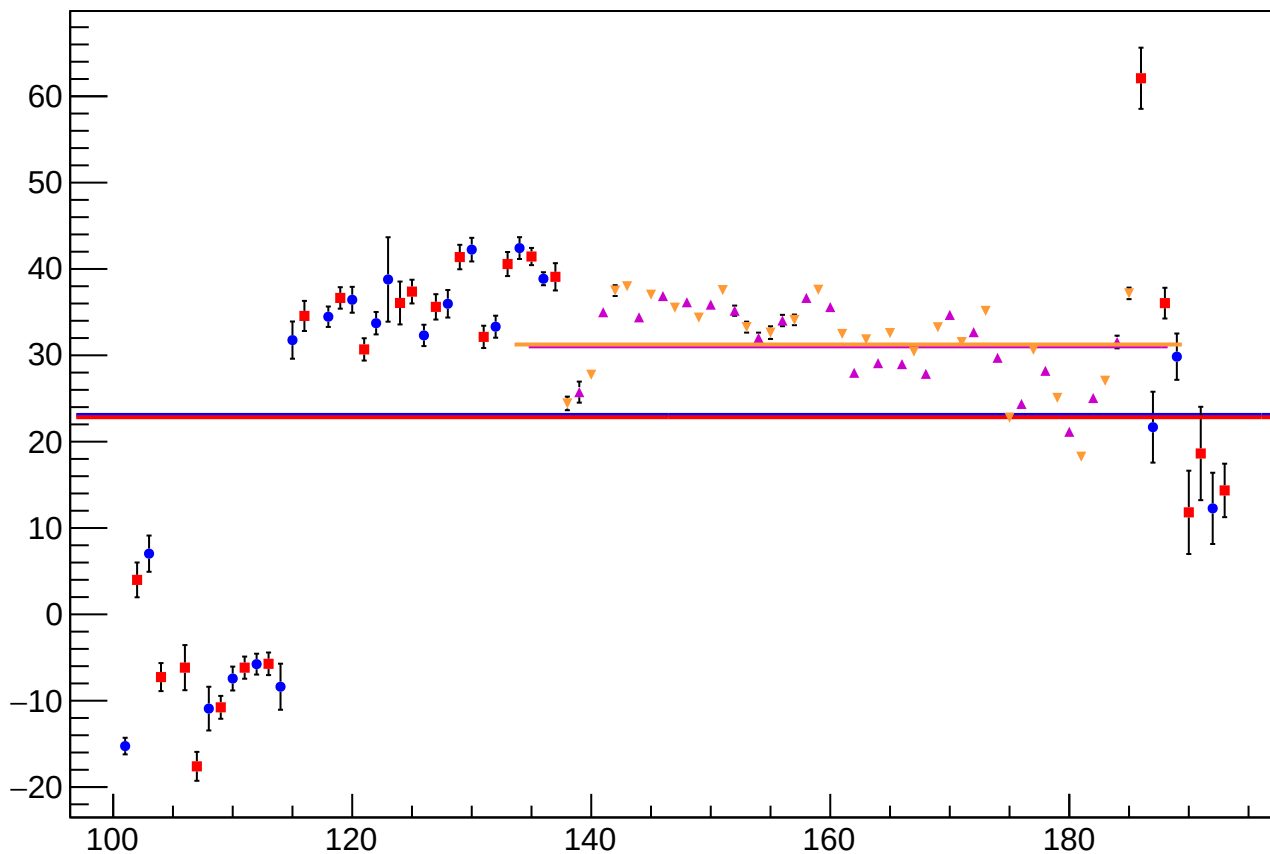
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ sign -35.079 ± 0.102 χ^2/NDF : 21685.9/44

All: -35.299 ± 0.072 χ^2/NDF : 45365.8/90

- sign -35.517 ± 0.101 χ^2/NDF : 23670.7/45

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.096 $\pm$ 0.322 χ^2 /NDF: 4359.3/19

Left Out: 31.252 $\pm$ 0.093 χ^2 /NDF:3305.3/24

Right Out: 22.833 $\pm$ 0.329 χ^2 /NDF: 4221.7/22

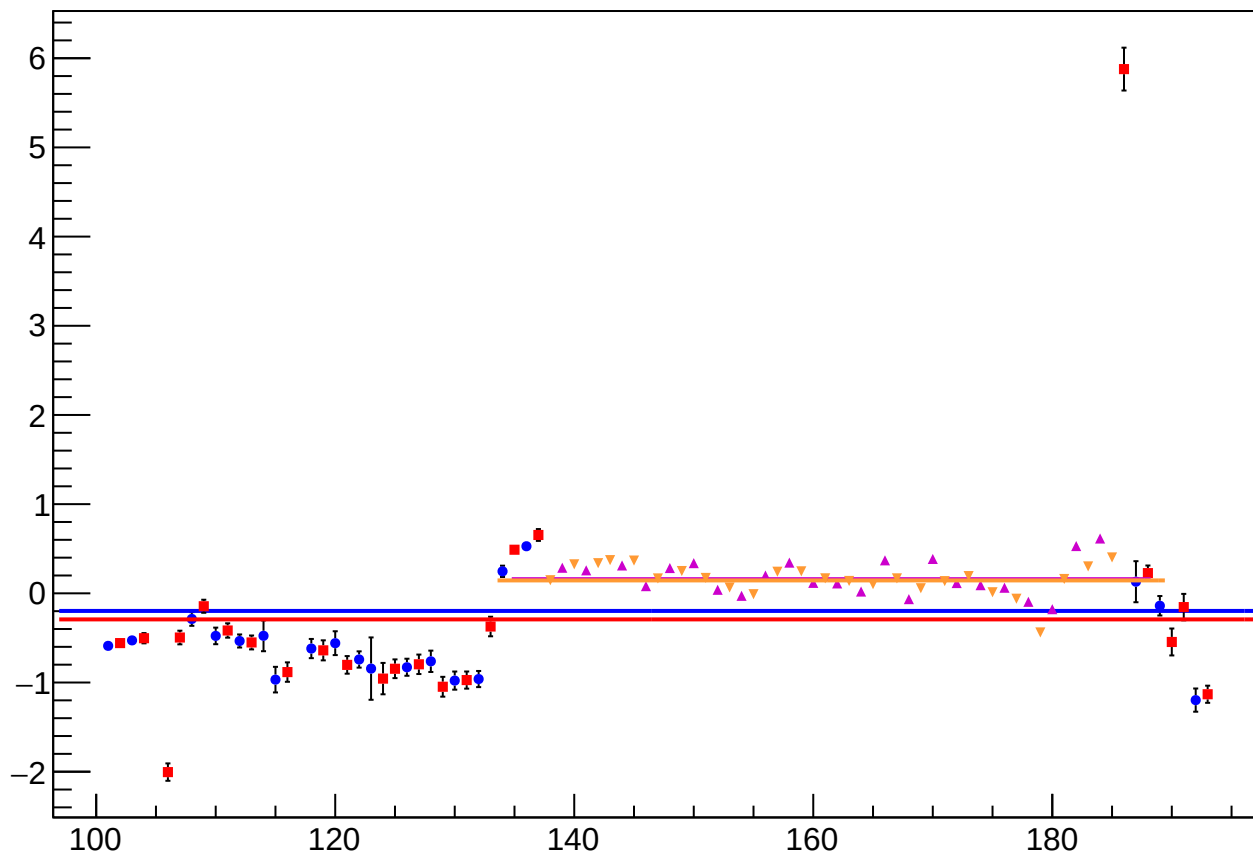
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ sign 30.629 $\pm$ 0.089 χ^2 /NDF: 8258.4/44

All: 30.528 $\pm$ 0.063 χ^2 /NDF: 15545.5/90

- sign 30.424 $\pm$ 0.090 χ^2 /NDF: 7284.5/45

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.197 ± 0.017 χ^2/NDF : 1060.2/19

Left Out: 0.145 ± 0.004 χ^2/NDF : 1572.6/24

Right Out: -0.292 ± 0.017 χ^2/NDF : 1956.7/22

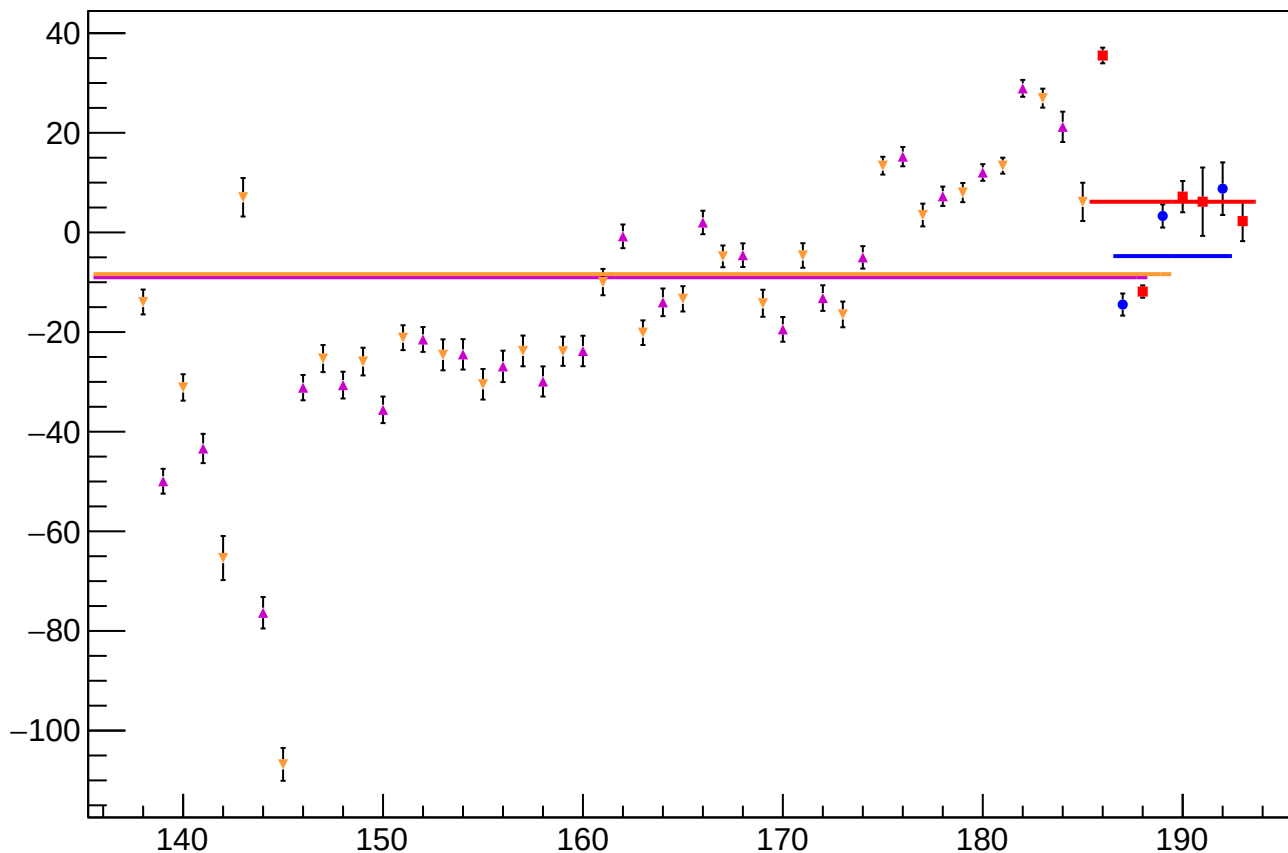
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.125 ± 0.004 χ^2/NDF : 3002.1/44

All: 0.129 ± 0.003 χ^2/NDF : 7626.7/90

- sign 0.133 ± 0.004 χ^2/NDF : 4623.1/45

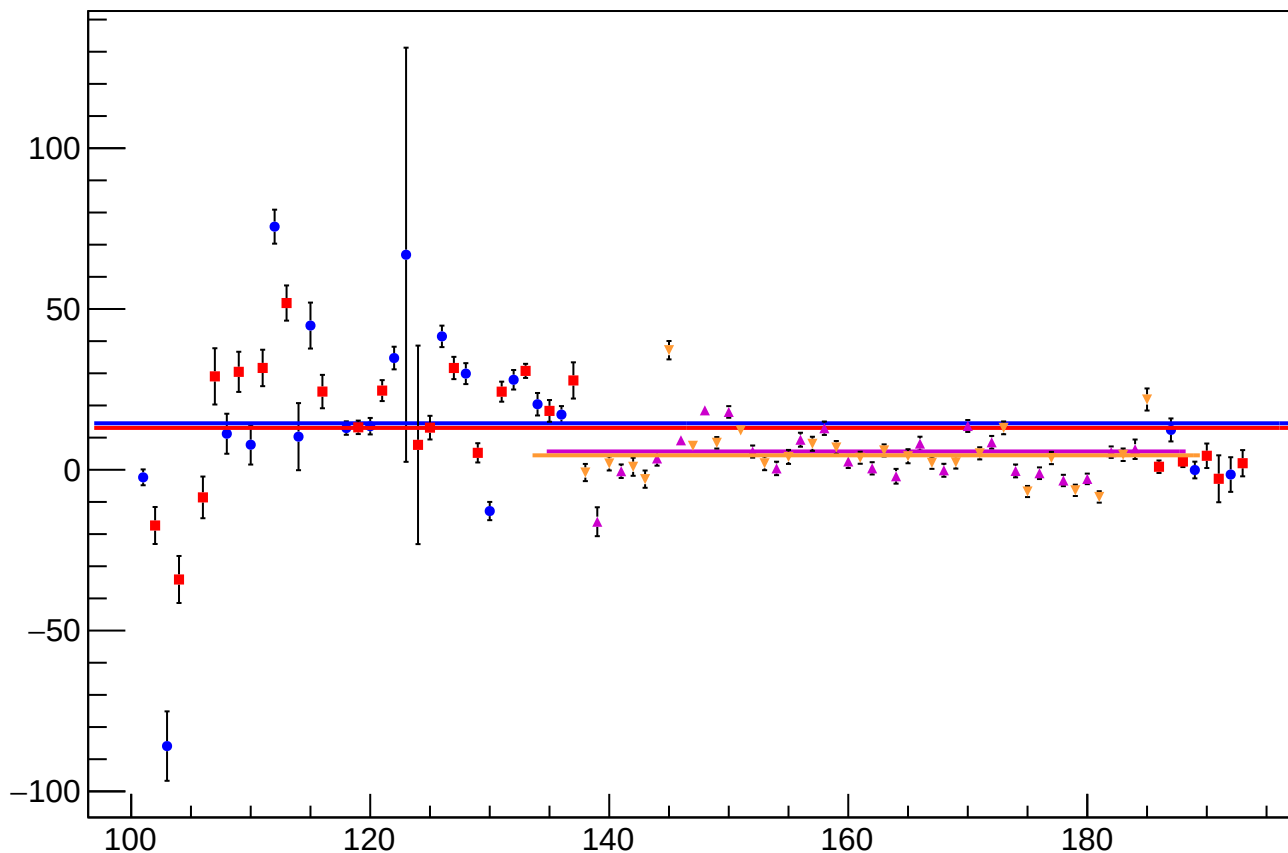
reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -4.751 ± 1.536 χ^2/NDF : 37.8/2
 Left Out: -8.375 ± 0.500 χ^2/NDF : 2224.0/24
 Right Out: 6.160 ± 0.897 χ^2/NDF : 562.0/4
 Left In: -8.995 ± 0.505 χ^2/NDF : 2308.2/22

+ sign -8.028 ± 0.476 χ^2/NDF : 2266.8/27
 All: -6.585 ± 0.323 χ^2/NDF : 5370.6/55
 - sign -5.349 ± 0.440 χ^2/NDF : 3086.8/27

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 14.455 ± 0.778 χ^2/NDF : 565.9/19

Left Out: 4.494 ± 0.393 χ^2/NDF : 372.1/24

Right Out: 13.021 ± 0.710 χ^2/NDF : 386.0/22

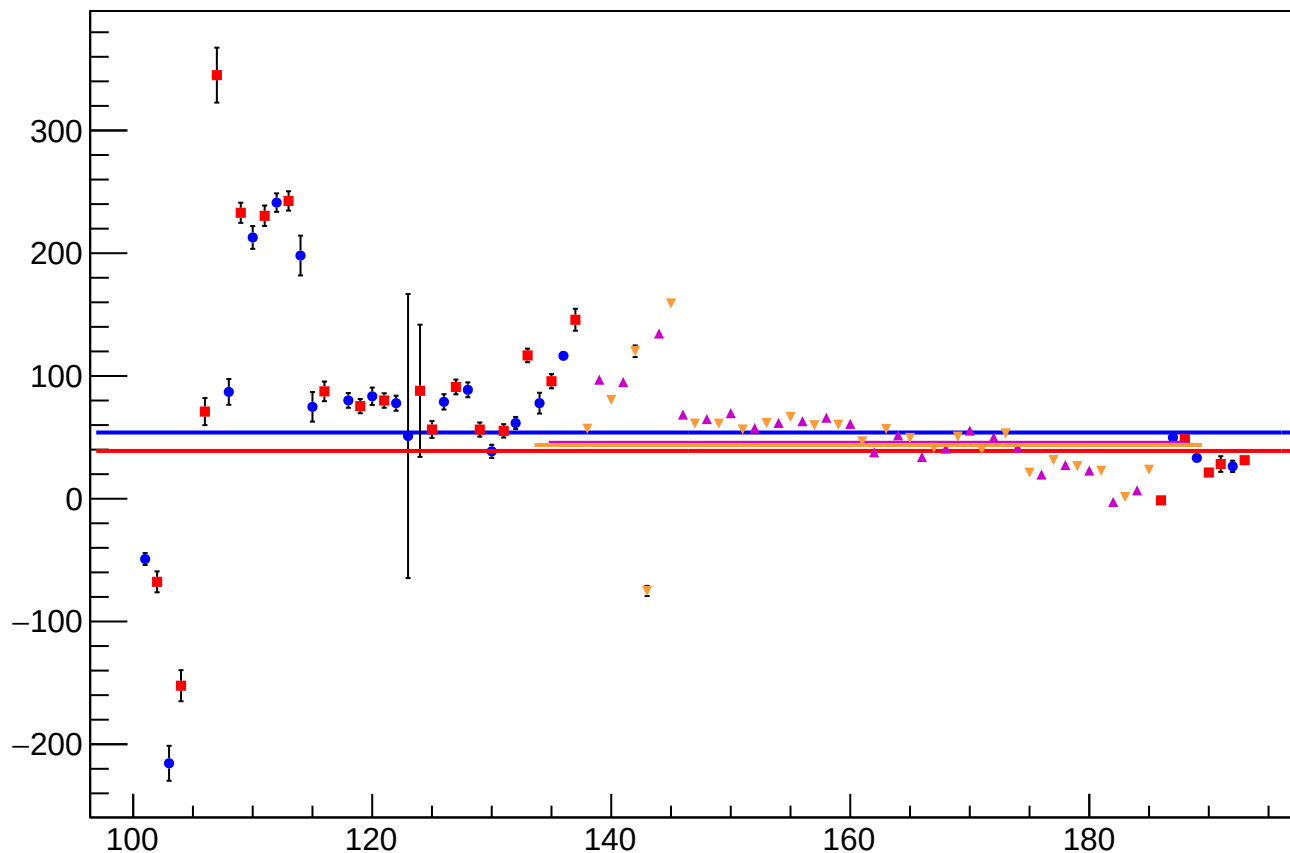
Left In: 5.699 ± 0.403 χ^2/NDF : 329.1/22

+ sign 6.518 ± 0.351 χ^2/NDF : 1068.8/44

All: 7.001 ± 0.248 χ^2/NDF : 1868.0/90

- sign 7.483 ± 0.351 χ^2/NDF : 795.4/45

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 53.941 ± 1.010 χ^2/NDF : 2316.3/19

Left Out: 43.840 ± 0.499 χ^2/NDF : 3680.9/24

Right Out: 38.940 ± 0.676 χ^2/NDF : 4156.6/22

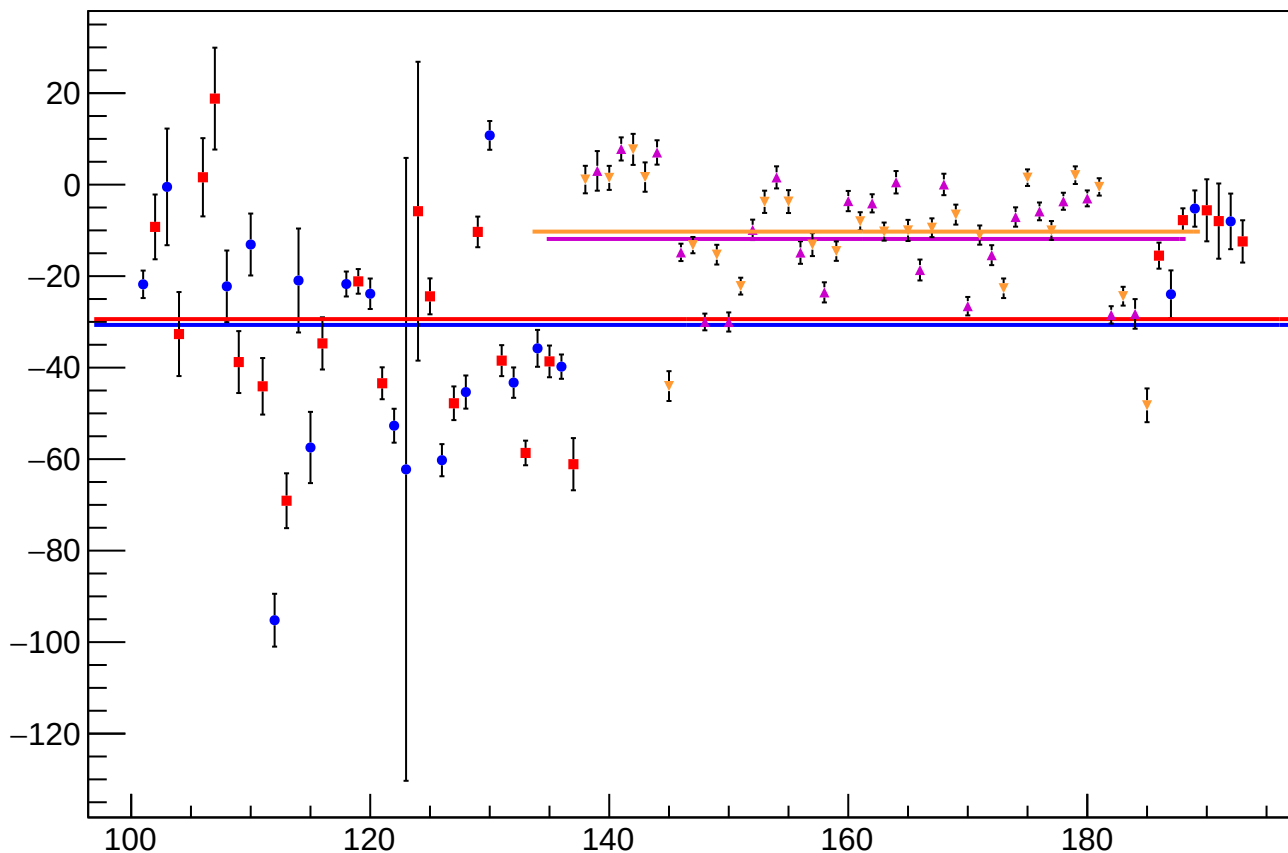
Left In: 45.559 ± 0.502 χ^2/NDF : 3152.4/22

+ sign 45.820 ± 0.447 χ^2/NDF : 6077.5/44

All: 44.375 ± 0.300 χ^2/NDF : 13467.3/90

- sign 43.202 ± 0.403 χ^2/NDF : 7370.8/45

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -30.664 ± 0.918 χ^2/NDF : 555.6/19

Left Out: -10.267 ± 0.445 χ^2/NDF : 553.7/24

Right Out: -29.393 ± 0.875 χ^2/NDF : 467.5/22

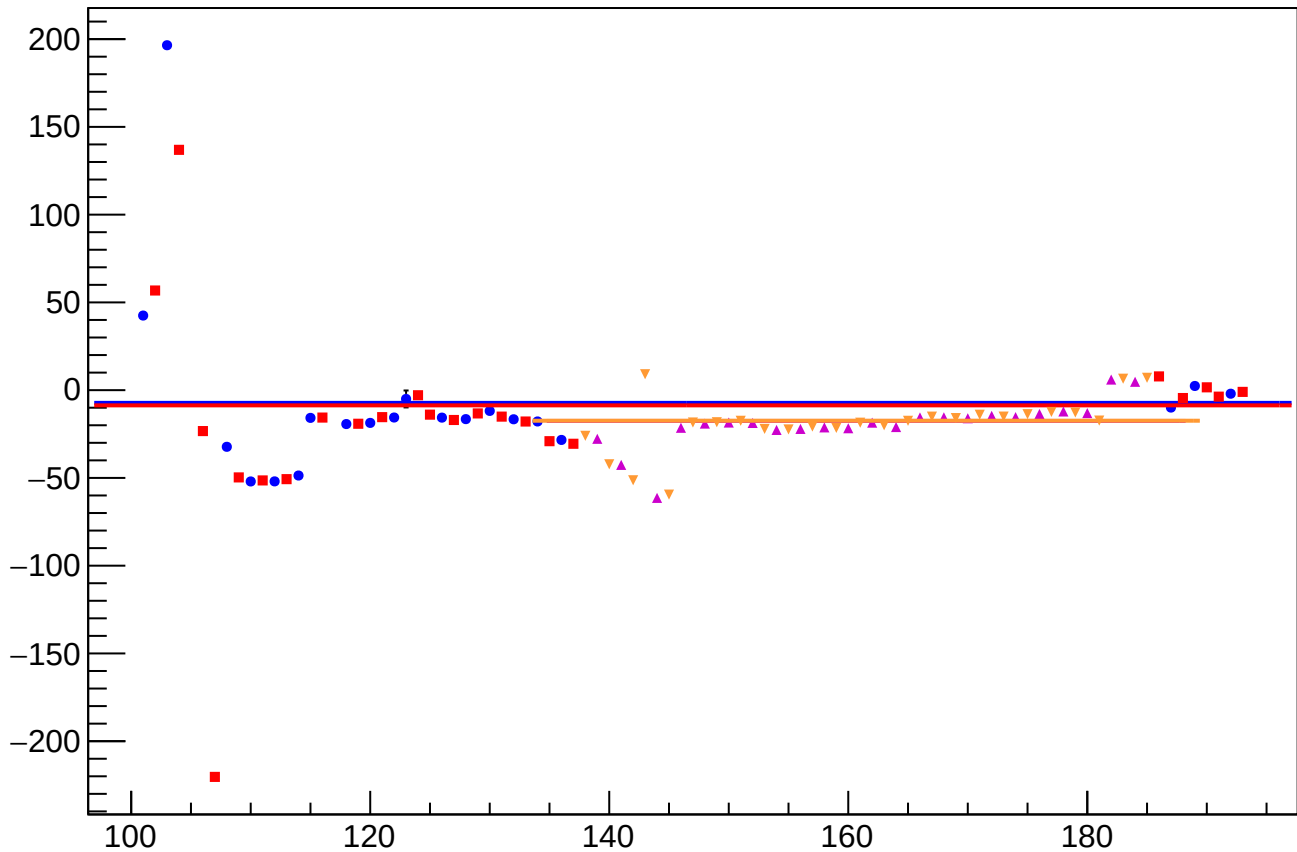
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ sign -14.147 ± 0.400 χ^2/NDF : 1509.0/44

All: -14.867 ± 0.284 χ^2/NDF : 2966.8/90

- sign -15.598 ± 0.404 χ^2/NDF : 1451.3/45

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -7.243 ± 0.053 χ^2/NDF : 580620.9/19

Left Out: -17.411 ± 0.020 χ^2/NDF : 320231.3/24

Right Out: -8.660 ± 0.048 χ^2/NDF : 569434.2/22

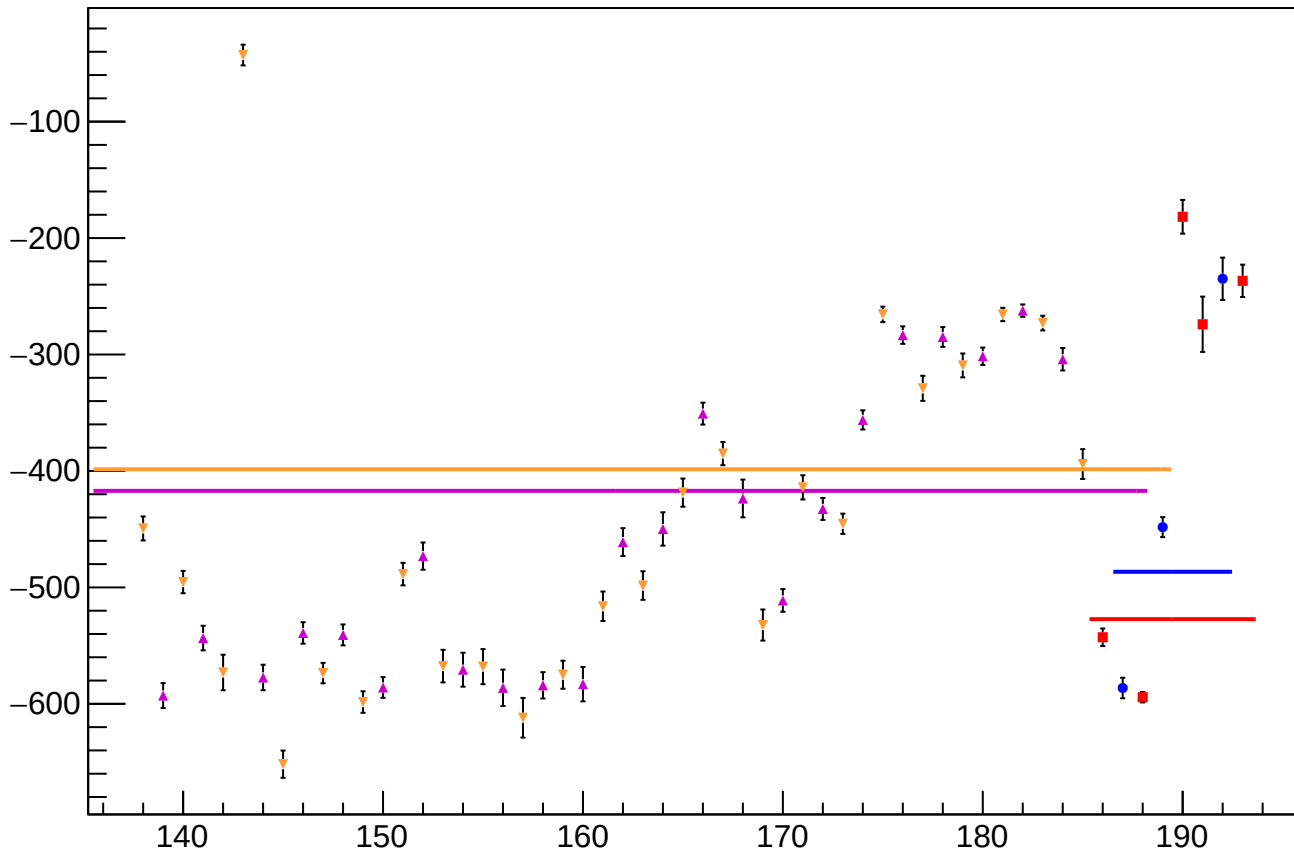
Left In: -17.552 ± 0.021 χ^2/NDF : 261900.3/22

+ sign -16.078 ± 0.019 χ^2/NDF : 933331.6/44

All: -16.128 ± 0.013 χ^2/NDF : 1793529.9/90

- sign -16.177 ± 0.019 χ^2/NDF : 860184.7/45

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -486.571 ± 5.824 χ^2/NDF : 340.3/2

Left Out: -398.556 ± 1.962 χ^2/NDF : 5659.5/24

Right Out: -527.279 ± 3.558 χ^2/NDF : 1349.0/4

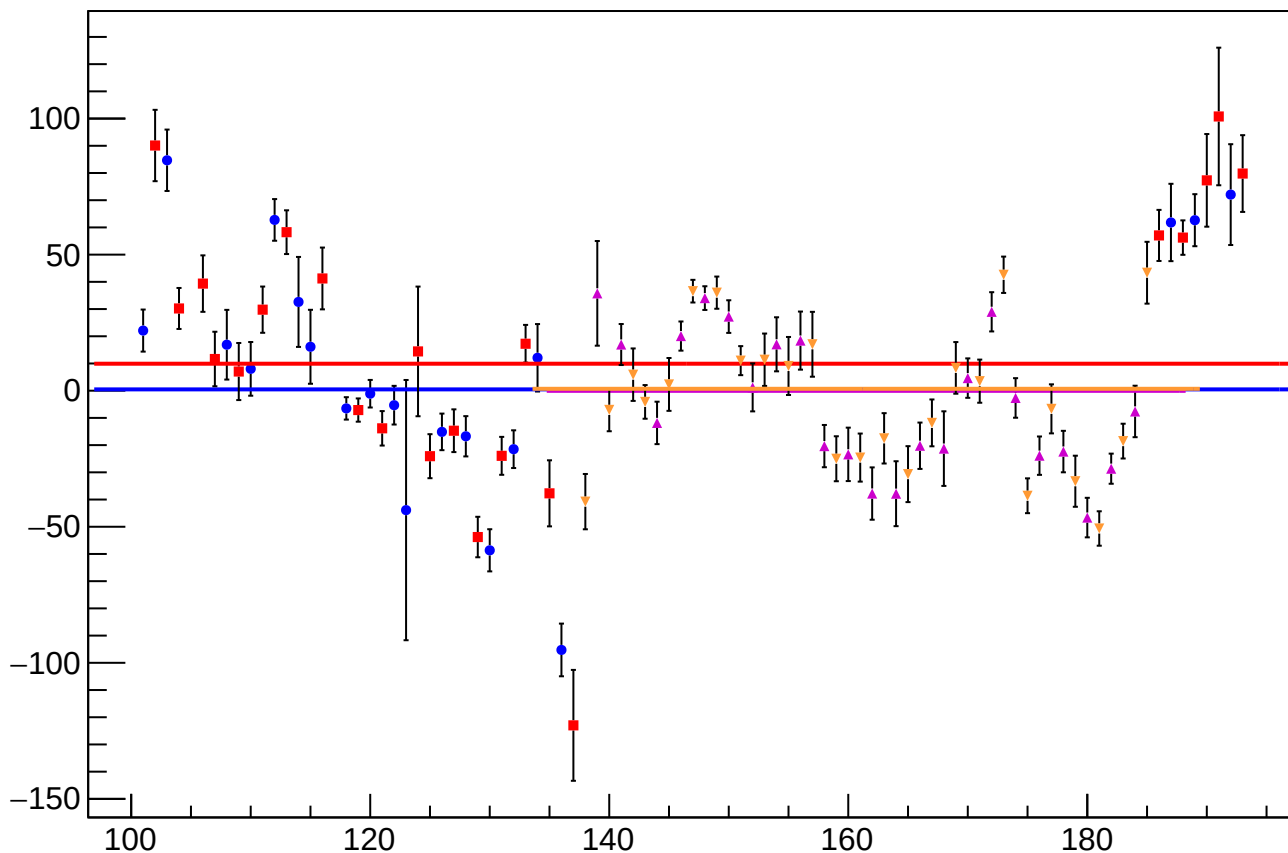
Left In: -417.080 ± 1.997 χ^2/NDF : 3958.5/22

+ sign -407.524 ± 1.859 χ^2/NDF : 6204.9/27

All: -426.669 ± 1.271 χ^2/NDF : 12441.0/55

- sign -443.470 ± 1.741 χ^2/NDF : 6036.9/27

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 0.479 ± 1.828 χ^2/NDF : 395.3/19

Left Out: 0.697 ± 1.510 χ^2/NDF : 349.9/24

Right Out: 9.912 ± 1.776 χ^2/NDF : 447.5/22

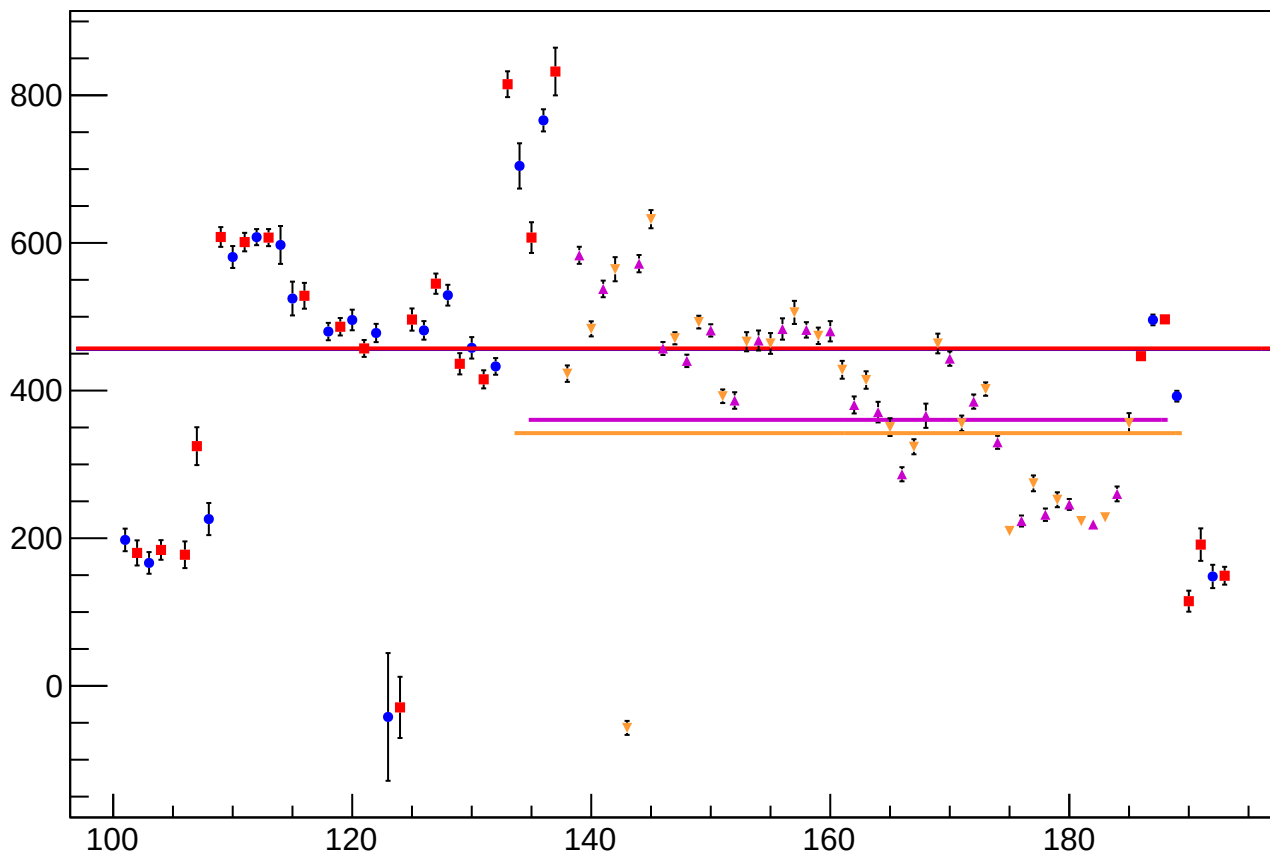
Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

+ sign 0.609 ± 1.164 χ^2/NDF : 745.2/44

All: 2.445 ± 0.828 χ^2/NDF : 1479.5/90

- sign 4.321 ± 1.177 χ^2/NDF : 729.3/45

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 456.291 $\pm$ 2.914 χ^2 /NDF: 2153.1/19

Left Out: 342.368 $\pm$ 1.970 χ^2 /NDF: 5181.7/24

Right Out: 457.083 $\pm$ 2.250 χ^2 /NDF: 3705.1/22

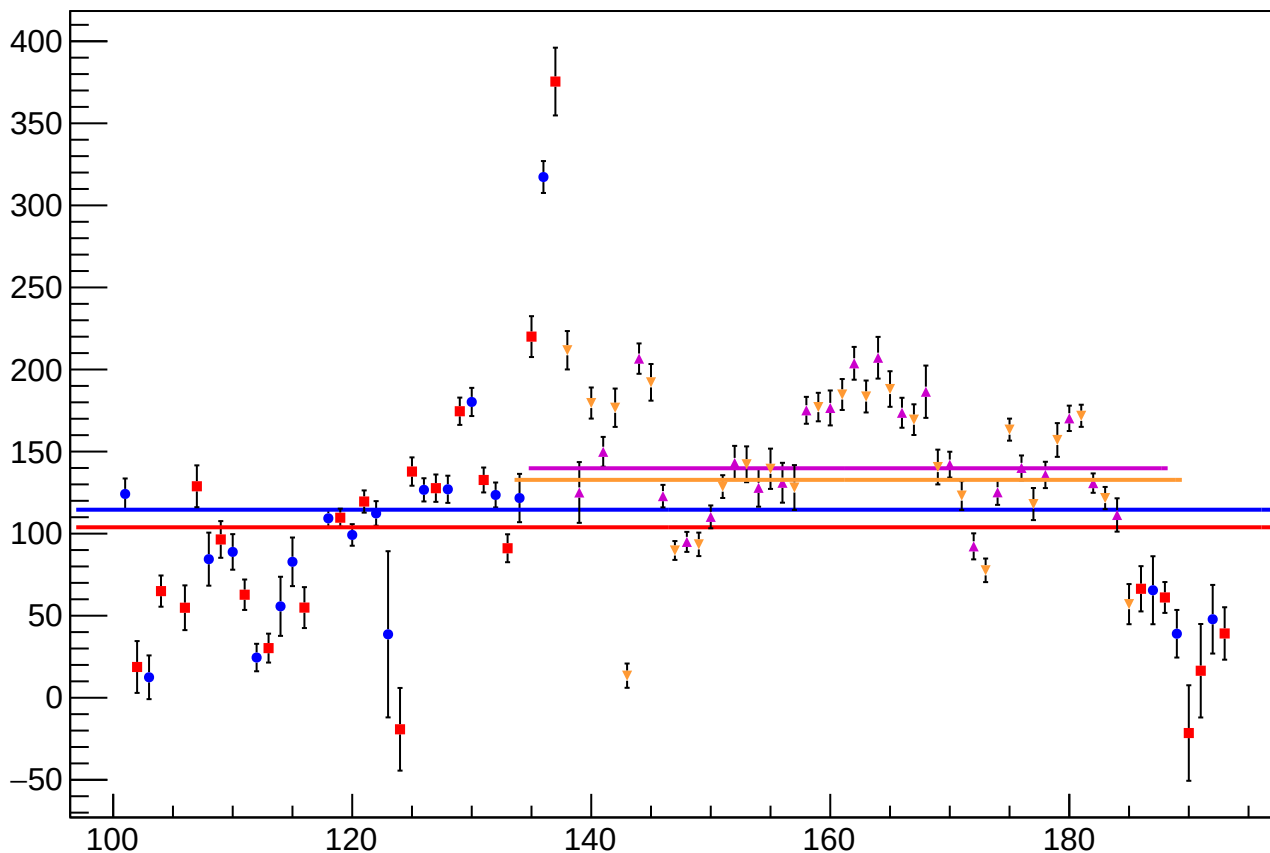
Left In: 360.355 $\pm$ 1.996 χ^2 /NDF: 3449.9/22

+ sign 378.104 $\pm$ 1.632 χ^2 /NDF: 8384.1/44

All: 391.624 $\pm$ 1.102 χ^2 /NDF: 16699.6/90

- sign 402.940 $\pm$ 1.493 χ^2 /NDF: 8189.4/45

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 114.574 ± 2.145 $\chi^2/\text{NDF}: 751.7/19$

Left Out: 132.762 ± 1.736 $\chi^2/\text{NDF}: 749.6/24$

Right Out: 103.867 ± 2.098 $\chi^2/\text{NDF}: 643.3/22$

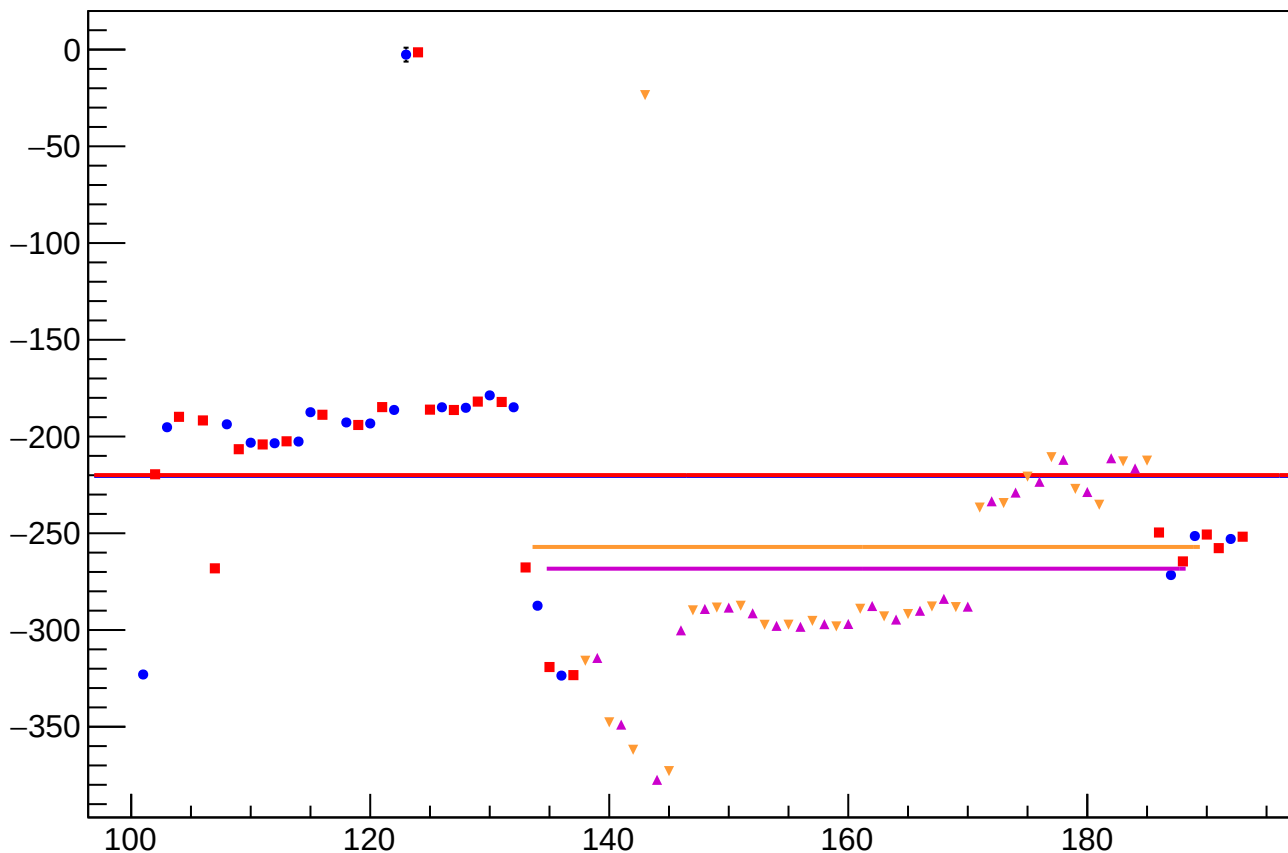
Left In: 139.828 ± 1.790 $\chi^2/\text{NDF}: 321.7/22$

+ sign 125.565 ± 1.349 $\chi^2/\text{NDF}: 1544.8/44$

All: 125.128 ± 0.958 $\chi^2/\text{NDF}: 2680.0/90$

- sign 124.682 ± 1.362 $\chi^2/\text{NDF}: 1135.0/45$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -220.359 ± 0.129 χ^2/NDF : 154553.7/19

Left Out: -257.067 ± 0.082 χ^2/NDF : 665762.3/24

Right Out: -219.932 ± 0.119 χ^2/NDF : 133110.2/22

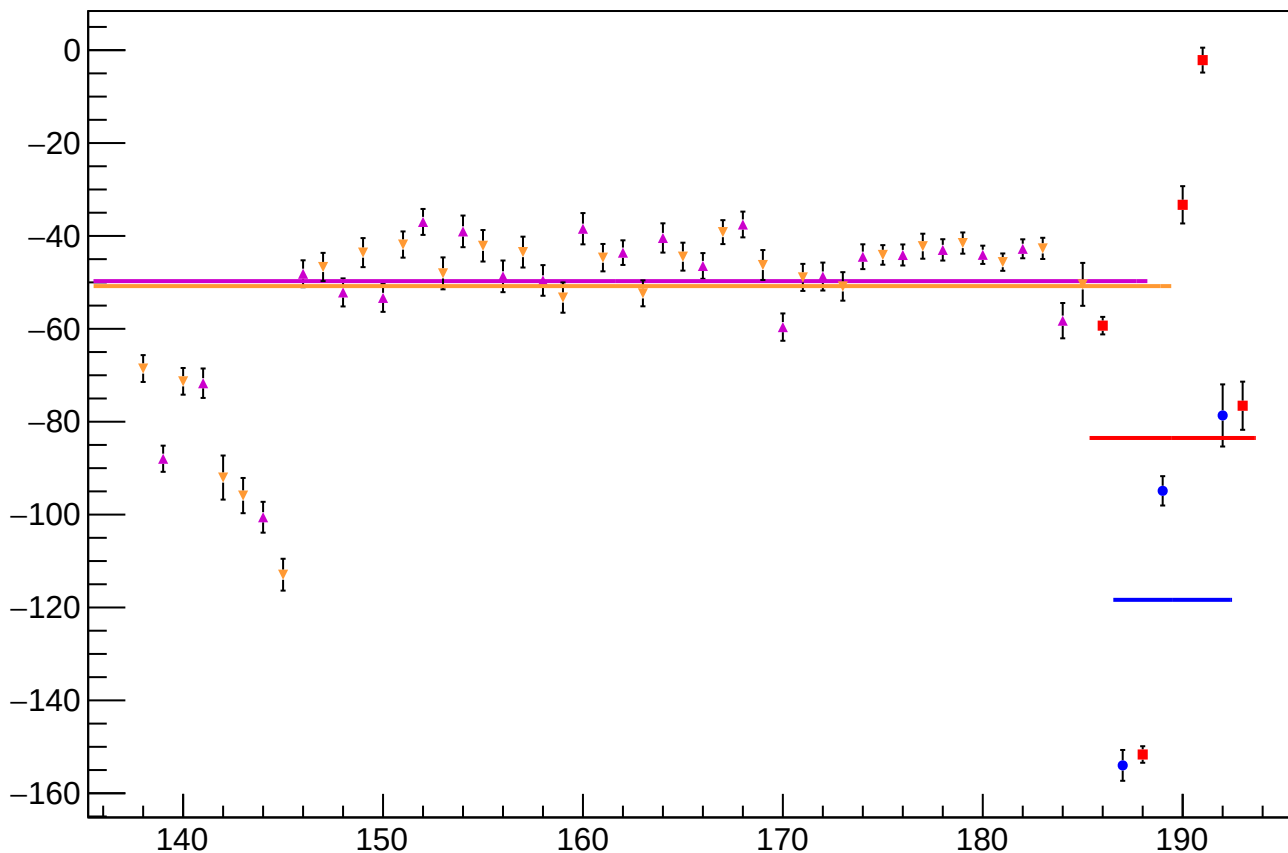
Left In: -268.305 ± 0.083 χ^2/NDF : 264853.3/22

+ sign -246.465 ± 0.069 χ^2/NDF : 877803.7/44

All: -249.460 ± 0.049 χ^2/NDF : 1390745.3/90

- sign -252.350 ± 0.068 χ^2/NDF : 509281.9/45

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -118.353 ± 2.165 $\chi^2/\text{NDF}: 205.8/2$

Left Out: -50.802 ± 0.574 $\chi^2/\text{NDF}: 752.7/24$

Right Out: -83.502 ± 1.094 $\chi^2/\text{NDF}: 2710.1/4$

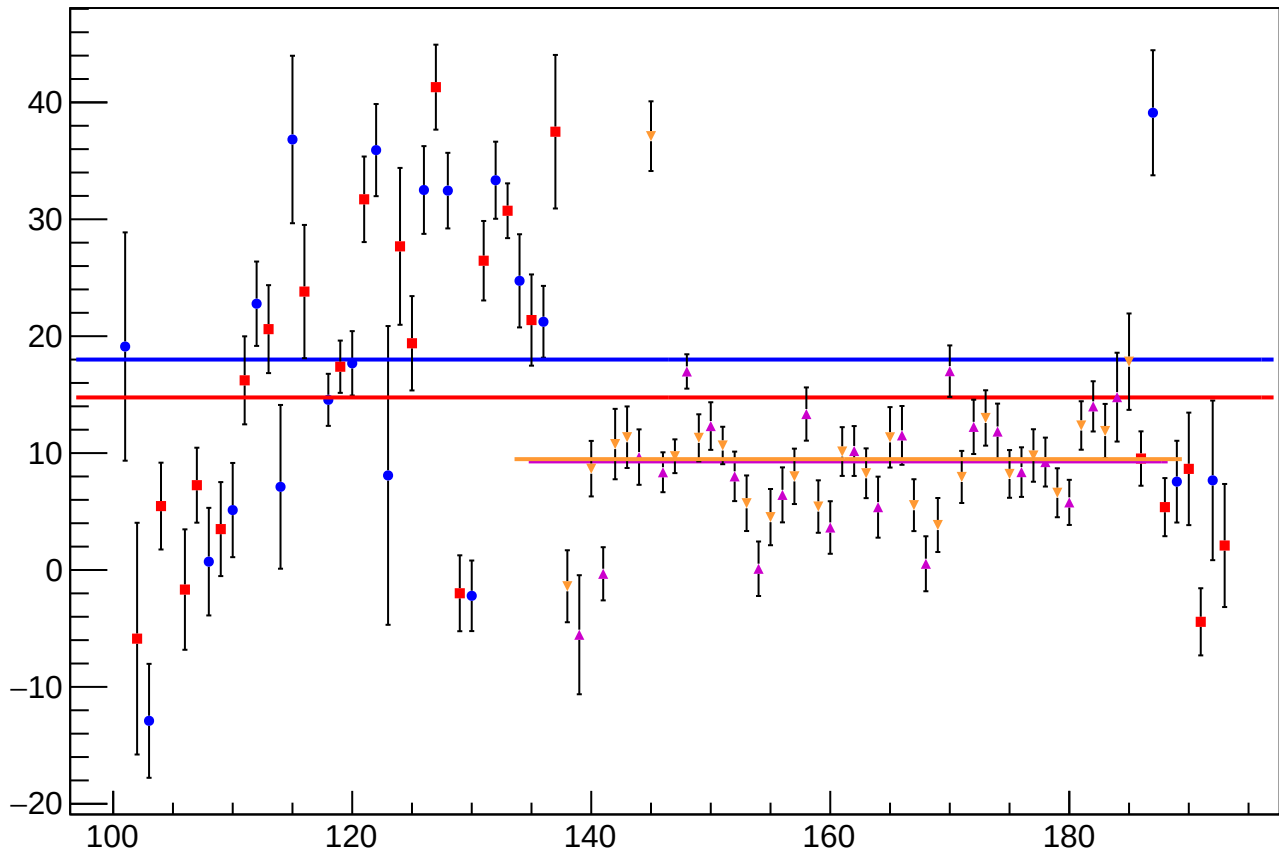
Left In: -49.728 ± 0.581 $\chi^2/\text{NDF}: 601.0/22$

+ sign -55.236 ± 0.555 $\chi^2/\text{NDF}: 1868.0/27$

All: -56.275 ± 0.377 $\chi^2/\text{NDF}: 5928.5/55$

- sign -57.165 ± 0.513 $\chi^2/\text{NDF}: 4053.9/27$

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.002 $\pm$ 0.858 χ^2 /NDF: 231.4/19

Left Out: 9.483 $\pm$ 0.447 χ^2 /NDF:133.0/24

Right Out: 14.761 $\pm$ 0.728 χ^2 /NDF: 291.5/22

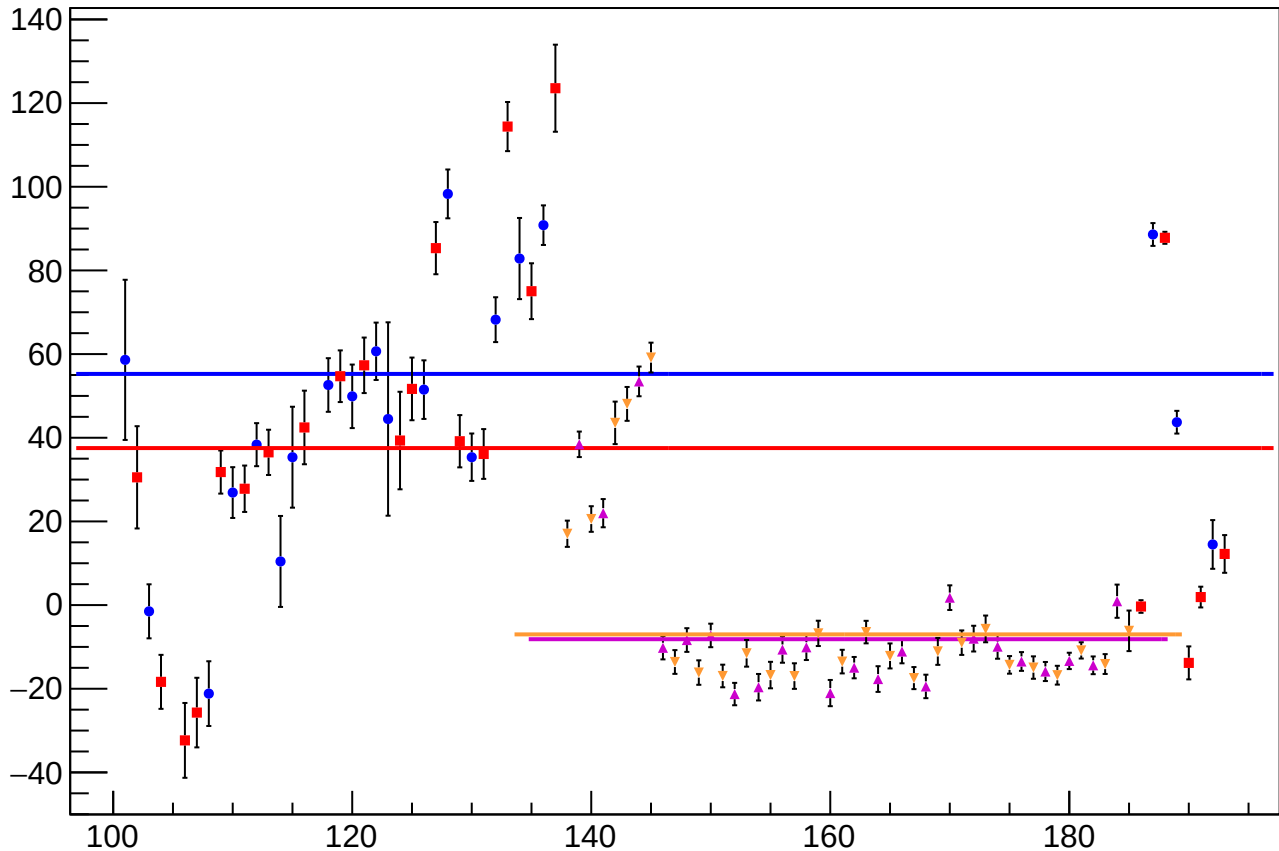
Left In: 9.289 $\pm$ 0.461 χ^2 /NDF:125.6/22

+ sign 11.300 $\pm$ 0.396 χ^2 /NDF: 442.0/44

All: 11.072 $\pm$ 0.278 χ^2 /NDF: 900.2/90

- sign 10.852 $\pm$ 0.389 χ^2 /NDF: 457.5/45

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 55.259 ± 1.232 $\chi^2/\text{NDF}: 582.6/19$

Left Out: -7.007 ± 0.572 $\chi^2/\text{NDF}: 899.2/24$

Right Out: 37.531 ± 0.793 $\chi^2/\text{NDF}: 2810.3/22$

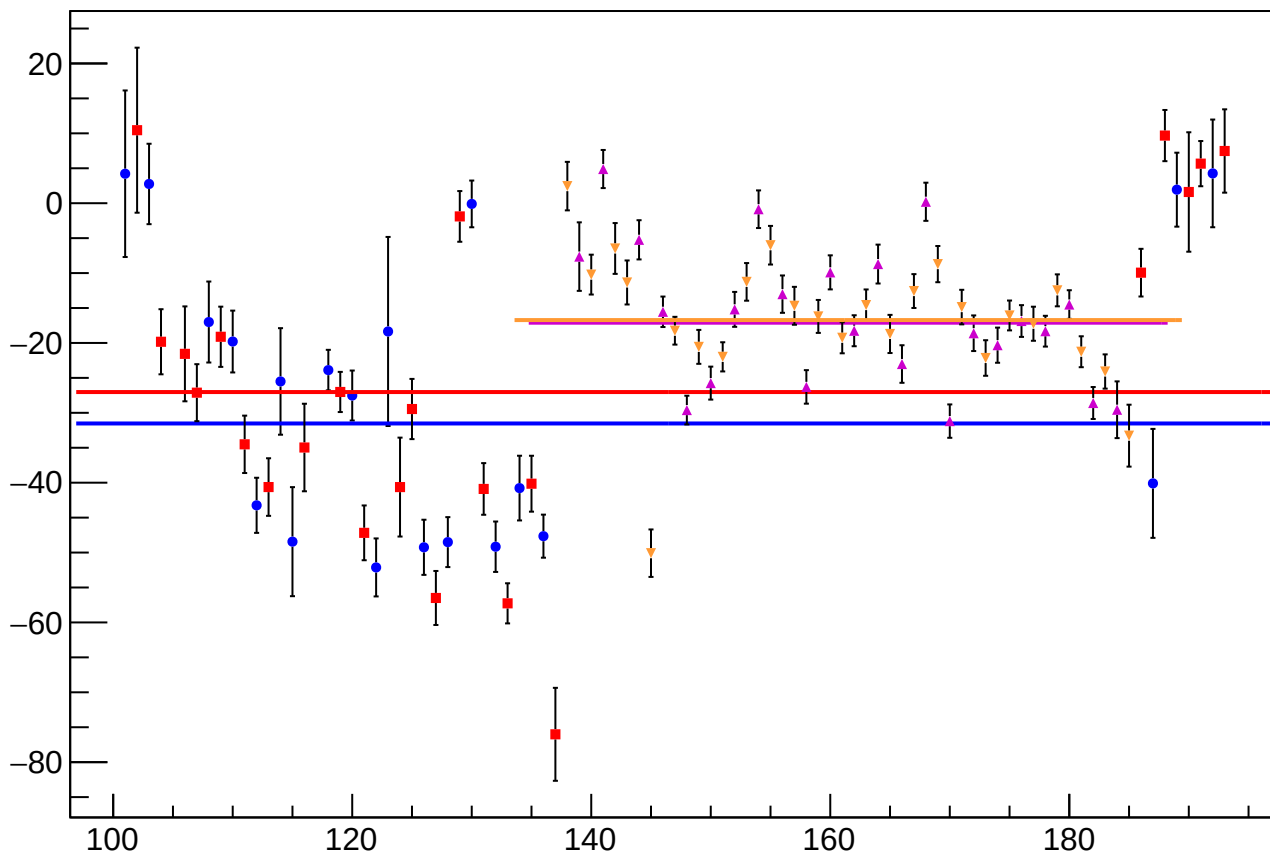
Left In: -8.158 ± 0.578 $\chi^2/\text{NDF}: 753.9/22$

+ sign 4.035 ± 0.519 $\chi^2/\text{NDF}: 3583.8/44$

All: 6.044 ± 0.347 $\chi^2/\text{NDF}: 9342.5/90$

- sign 7.672 ± 0.467 $\chi^2/\text{NDF}: 5731.5/45$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -31.525 ± 0.997 χ^2/NDF : 354.8/19

Left Out: -16.727 ± 0.508 χ^2/NDF : 223.3/24

Right Out: -27.028 ± 0.873 χ^2/NDF : 631.2/22

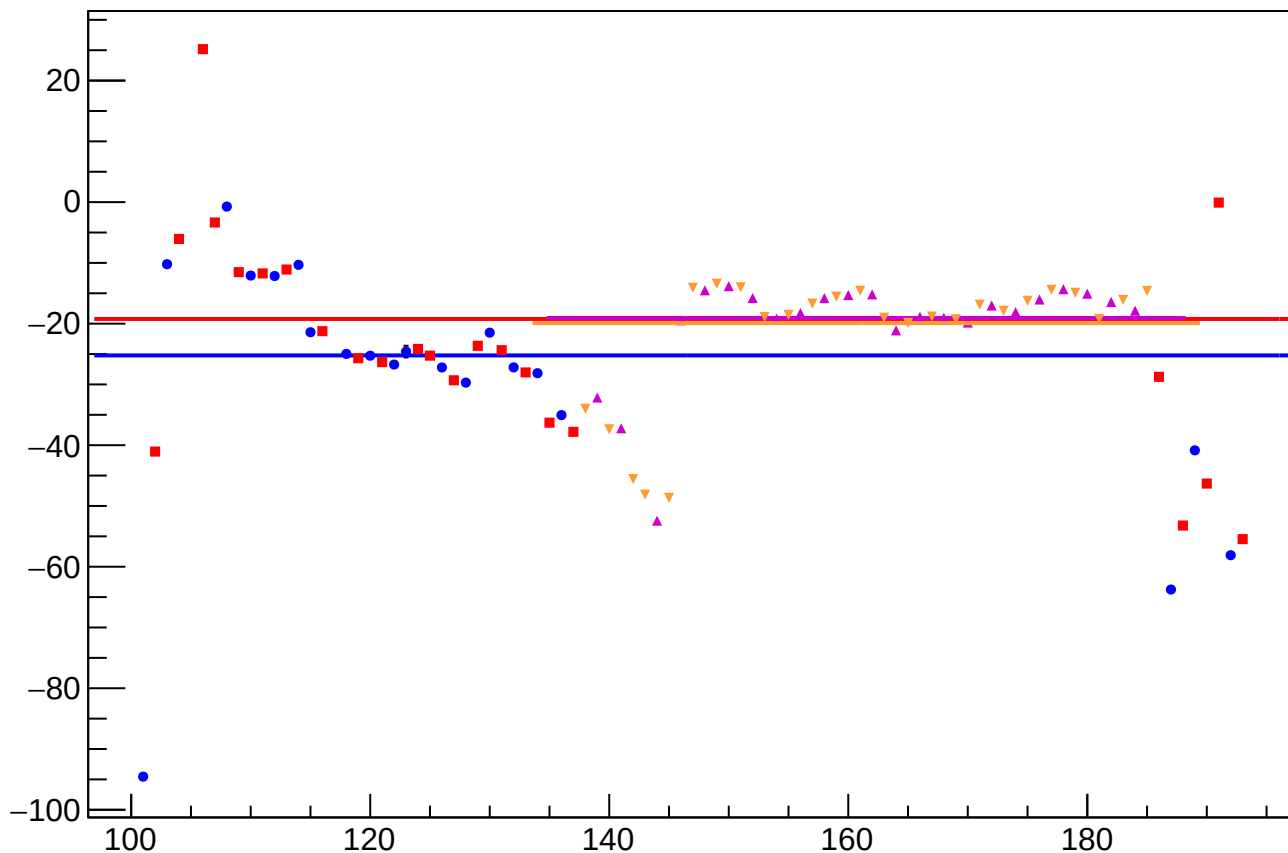
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ sign -19.775 ± 0.452 χ^2/NDF : 753.0/44

All: -19.739 ± 0.318 χ^2/NDF : 1807.7/90

- sign -19.705 ± 0.447 χ^2/NDF : 1054.7/45

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -25.226 $\pm$ 0.055 χ^2 /NDF: 84279.9/19

Left Out: -19.915 $\pm$ 0.023 χ^2 /NDF: 141090.6/24

Right Out: -19.226 $\pm$ 0.044 χ^2 /NDF: 211939.6/22

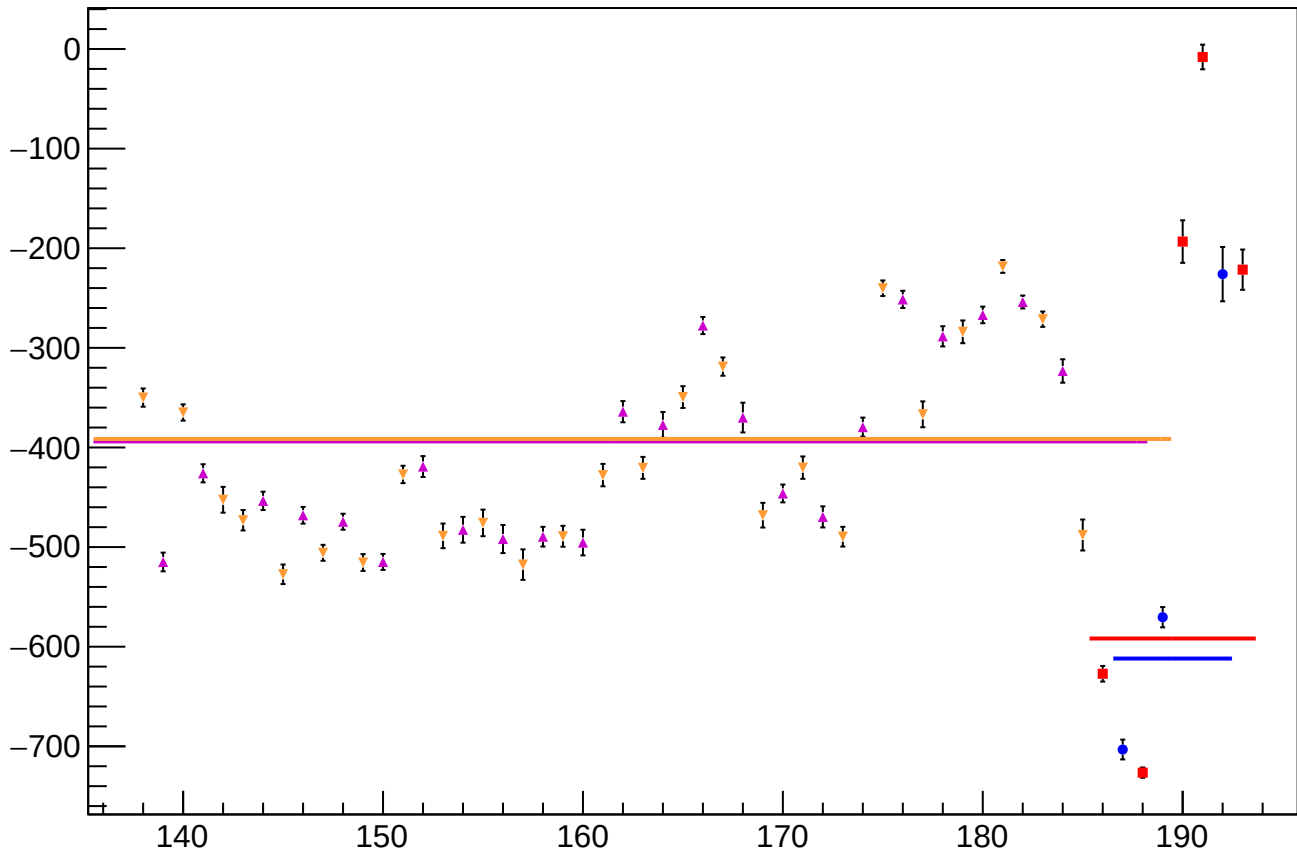
Left In: -19.068 $\pm$ 0.024 χ^2 /NDF: 92702.3/22

+ sign -20.732 $\pm$ 0.021 χ^2 /NDF: 233337.3/44

All: -19.890 $\pm$ 0.015 χ^2 /NDF: 540963.3/90

- sign -19.104 $\pm$ 0.021 χ^2 /NDF: 304652.1/45

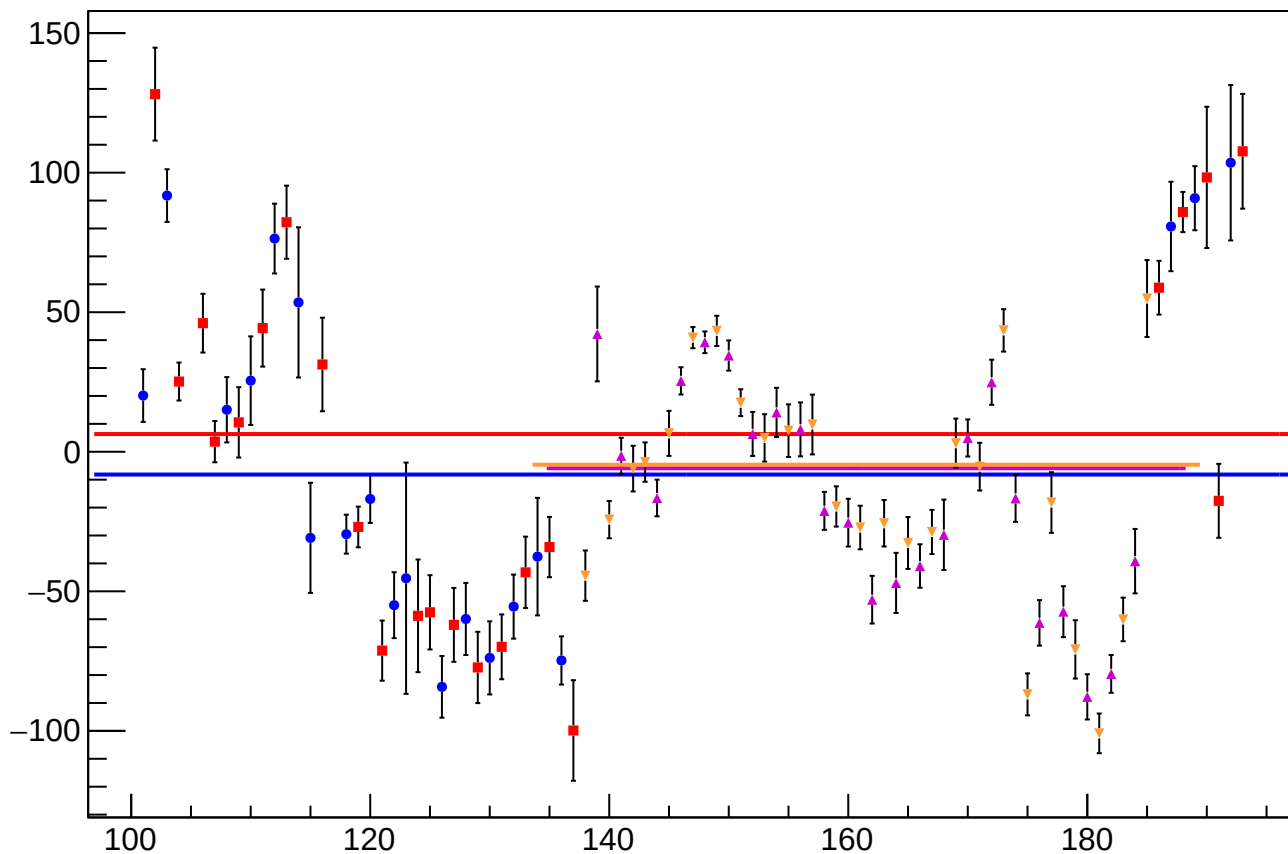
reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -611.890+/-6.887 χ^2/NDF : 300.7/2
 Left Out: -391.476+/-1.973 χ^2/NDF : 2708.6/24
 Right Out: -591.774+/-3.933 χ^2/NDF : 3607.1/4
 Left In: -393.904+/-1.998 χ^2/NDF : 2280.8/22

+ sign -408.188+/-1.896 χ^2/NDF : 3956.0/27
 All: -422.158+/-1.298 χ^2/NDF : 11957.9/55
 - sign -434.485+/-1.781 χ^2/NDF : 7899.7/27

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -8.161 ± 2.653 $\chi^2/\text{NDF}: 497.0/19$

Left Out: -4.635 ± 1.467 $\chi^2/\text{NDF}: 771.4/24$

Right Out: 6.338 ± 2.320 $\chi^2/\text{NDF}: 594.0/22$

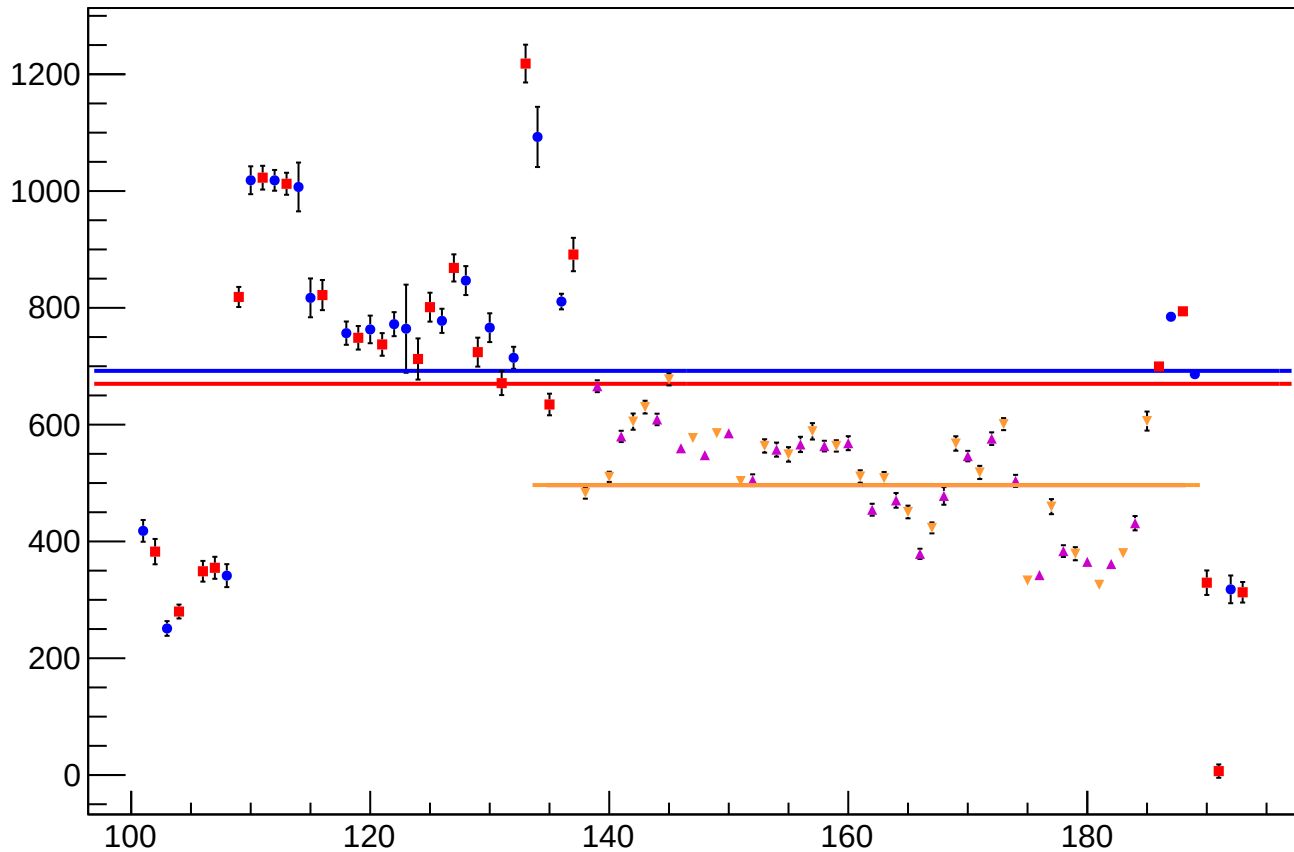
Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

+ sign -5.461 ± 1.284 $\chi^2/\text{NDF}: 1269.8/44$

All: -3.836 ± 0.902 $\chi^2/\text{NDF}: 2544.0/90$

- sign -2.252 ± 1.267 $\chi^2/\text{NDF}: 1271.1/45$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 692.105 $\pm$ 3.778 χ^2 /NDF: 2973.6/19

Left Out: 496.535 $\pm$ 1.971 χ^2 /NDF:2589.1/24

Right Out: 669.927 $\pm$ 2.670 χ^2 /NDF: 8025.2/22

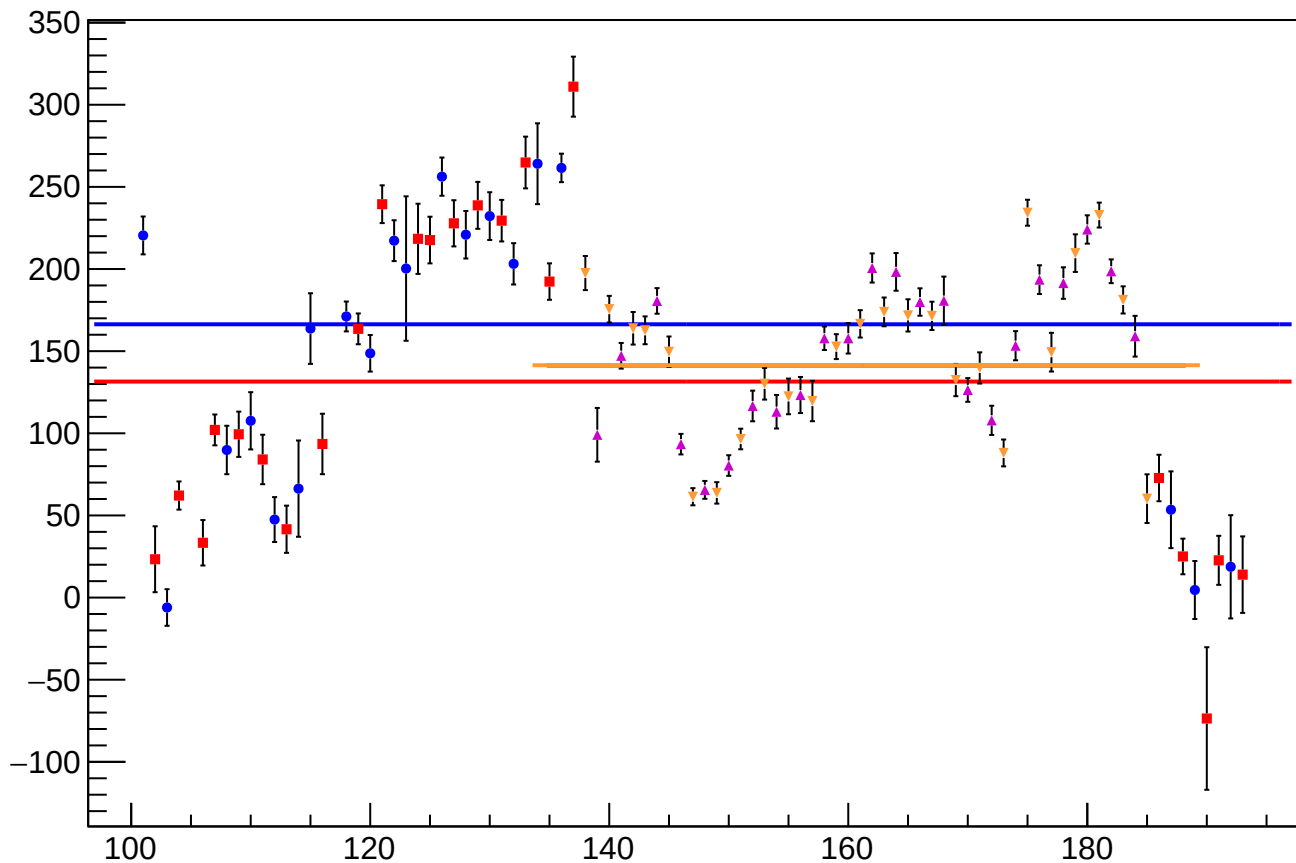
Left In: 496.393 $\pm$ 1.985 χ^2 /NDF:2295.8/22

+ sign 538.373 $\pm$ 1.748 χ^2 /NDF: 7668.7/44

All: 549.190 $\pm$ 1.177 χ^2 /NDF: 20779.8/90

- sign 558.181 $\pm$ 1.593 χ^2 /NDF: 13041.0/45

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 166.359 $\pm$ 3.108 χ^2 /NDF: 775.7/19

Left Out: 141.430 $\pm$ 1.704 χ^2 /NDF: 957.7/24

Right Out: 131.491 $\pm$ 2.796 χ^2 /NDF: 943.1/22

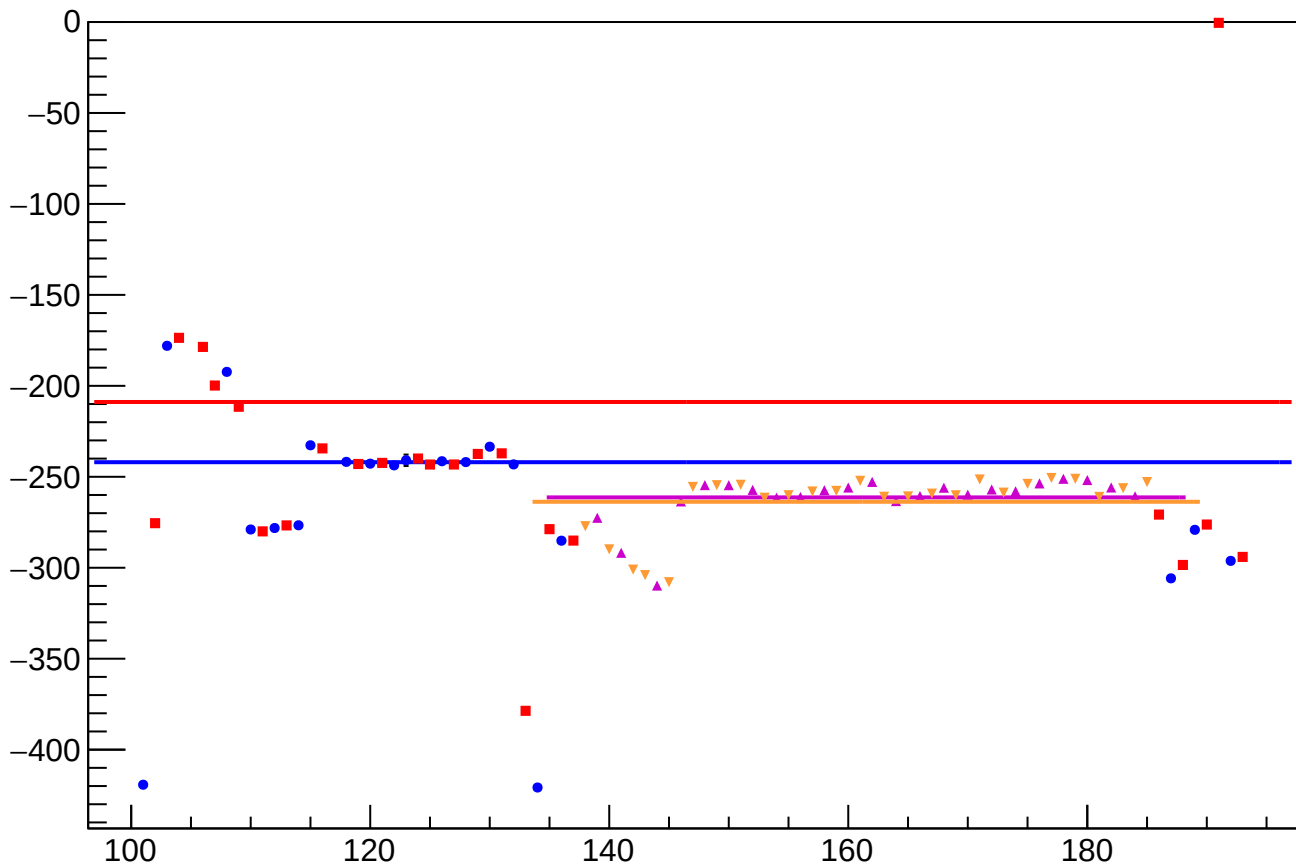
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF: 744.2/22

+ sign 147.193 $\pm$ 1.494 χ^2 /NDF: 1782.9/44

All: 142.811 $\pm$ 1.051 χ^2 /NDF: 3496.0/90

- sign 138.515 $\pm$ 1.480 χ^2 /NDF: 1696.0/45

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -241.976+/-0.154 χ^2/NDF : 174997.8/19

Left Out: -263.734+/-0.081 χ^2/NDF : 37922.0/24

Right Out: -208.878+/-0.134 χ^2/NDF : 411813.8/22

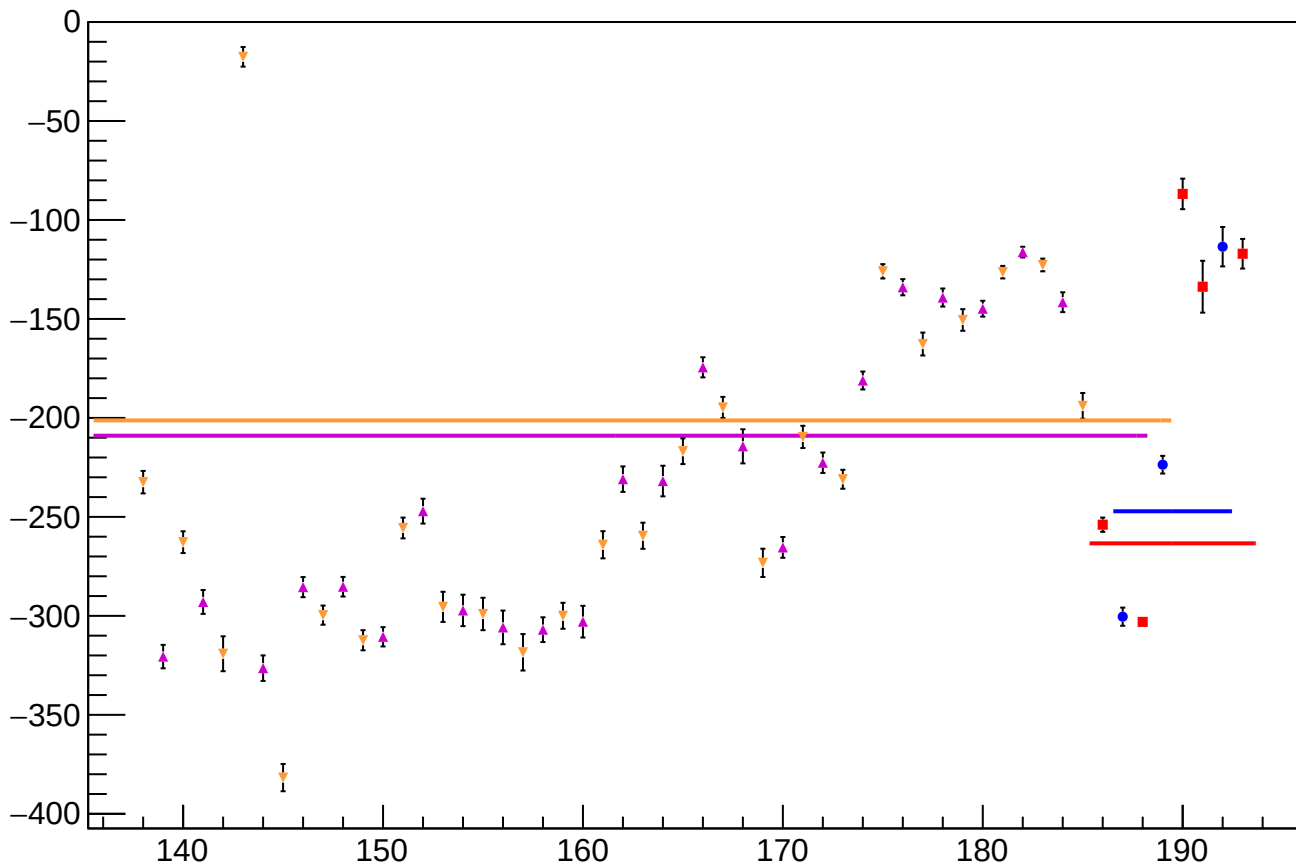
Left In: -261.325+/-0.082 χ^2/NDF : 23449.2/22

+ sign -258.978+/-0.072 χ^2/NDF : 228512.1/44

All: -252.844+/-0.050 χ^2/NDF : 789763.7/90

- sign -247.098+/-0.070 χ^2/NDF : 547199.1/45

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -247.165 ± 3.048 χ^2/NDF : 342.3/2

Left Out: -201.261 ± 1.065 χ^2/NDF : 6110.1/24

Right Out: -263.369 ± 1.838 χ^2/NDF : 1290.1/4

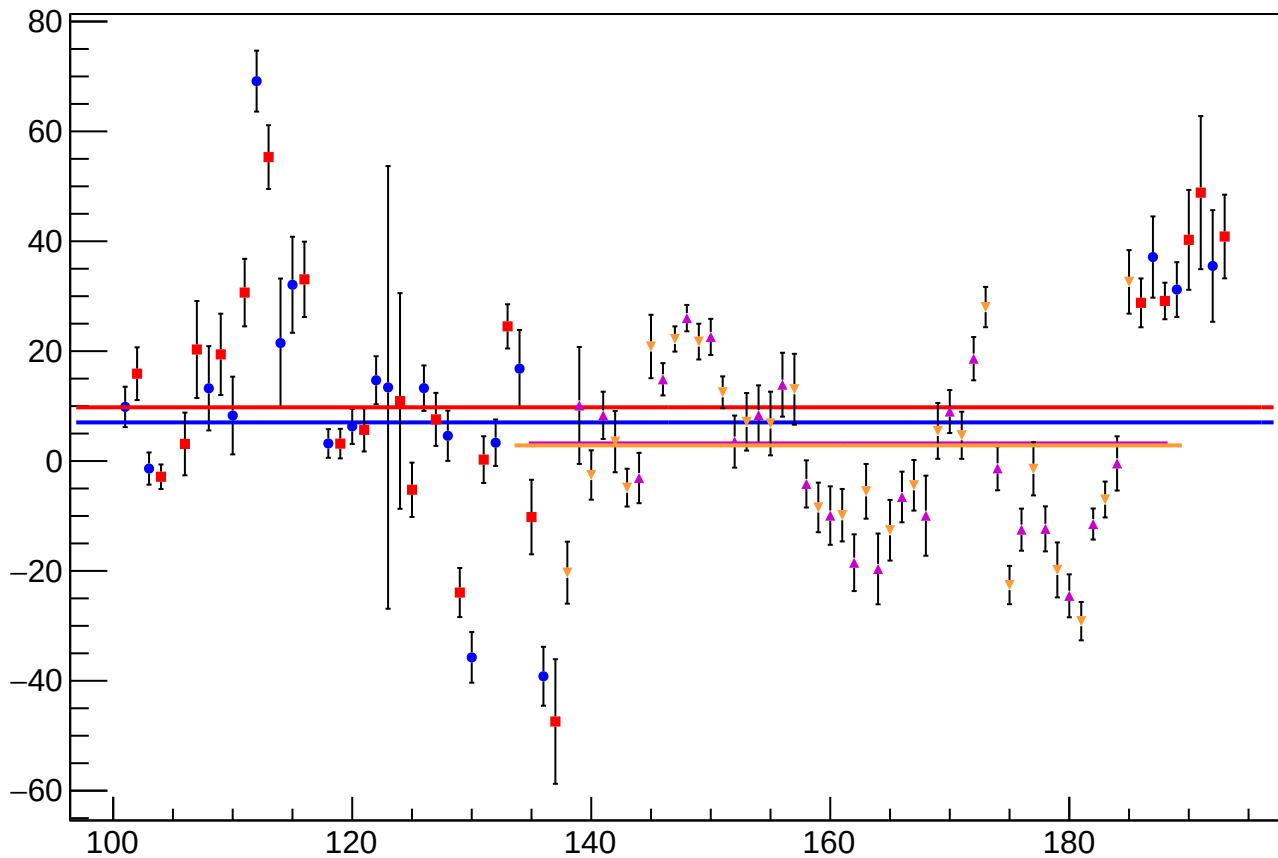
Left In: -208.981 ± 1.078 χ^2/NDF : 4865.2/22

+ sign -206.258 ± 1.006 χ^2/NDF : 6654.5/27

All: -215.233 ± 0.683 χ^2/NDF : 13609.0/55

- sign -222.906 ± 0.930 χ^2/NDF : 6806.8/27

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 7.030 ± 1.048 $\chi^2/\text{NDF}: 363.7/19$

Left Out: 2.841 ± 0.824 $\chi^2/\text{NDF}: 420.6/24$

Right Out: 9.778 ± 0.978 $\chi^2/\text{NDF}: 336.9/22$

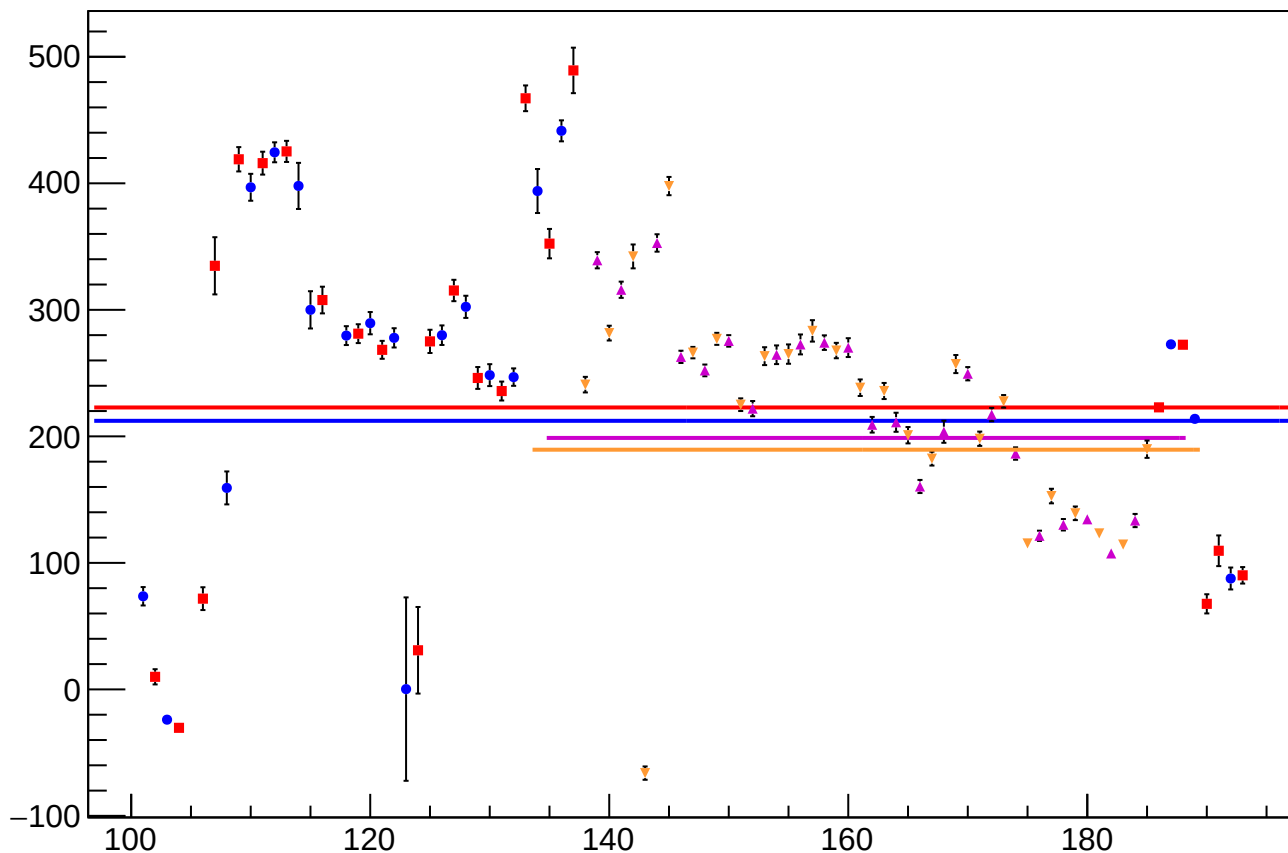
Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

+ sign 4.442 ± 0.648 $\chi^2/\text{NDF}: 794.2/44$

All: 5.251 ± 0.456 $\chi^2/\text{NDF}: 1483.7/90$

- sign 6.050 ± 0.644 $\chi^2/\text{NDF}: 686.3/45$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 212.280 ± 1.560 $\chi^2/\text{NDF}: 7246.2/19$

Left Out: 189.453 ± 1.070 $\chi^2/\text{NDF}: 6649.7/24$

Right Out: 222.836 ± 1.185 $\chi^2/\text{NDF}: 9961.9/22$

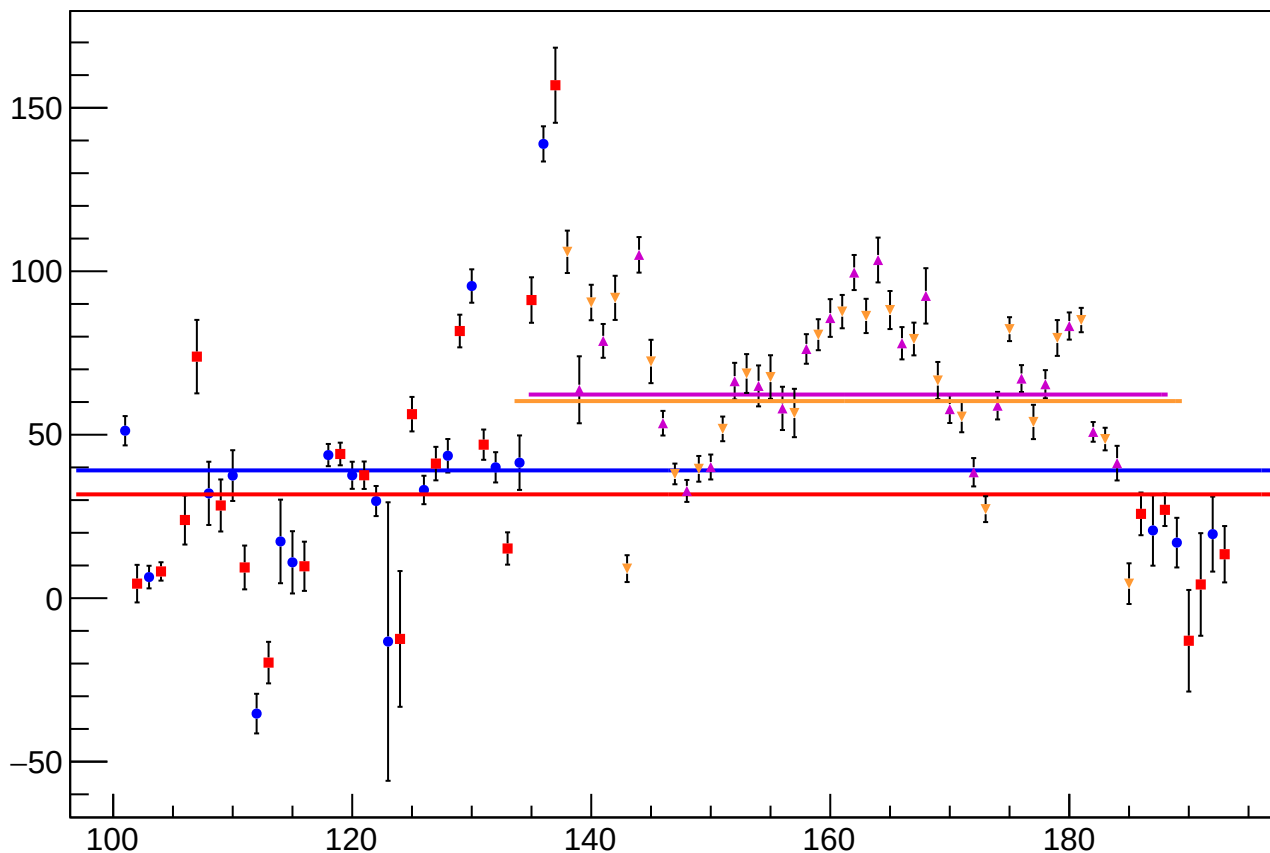
Left In: 198.762 ± 1.078 $\chi^2/\text{NDF}: 4590.0/22$

+ sign 196.752 ± 0.882 $\chi^2/\text{NDF}: 14041.4/44$

All: 203.856 ± 0.592 $\chi^2/\text{NDF}: 28936.9/90$

- sign 209.659 ± 0.797 $\chi^2/\text{NDF}: 14777.7/45$

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 39.088 ± 1.235 $\chi^2/\text{NDF}: 750.0/19$

Left Out: 60.287 ± 0.945 $\chi^2/\text{NDF}: 714.8/24$

Right Out: 31.756 ± 1.177 $\chi^2/\text{NDF}: 569.1/22$

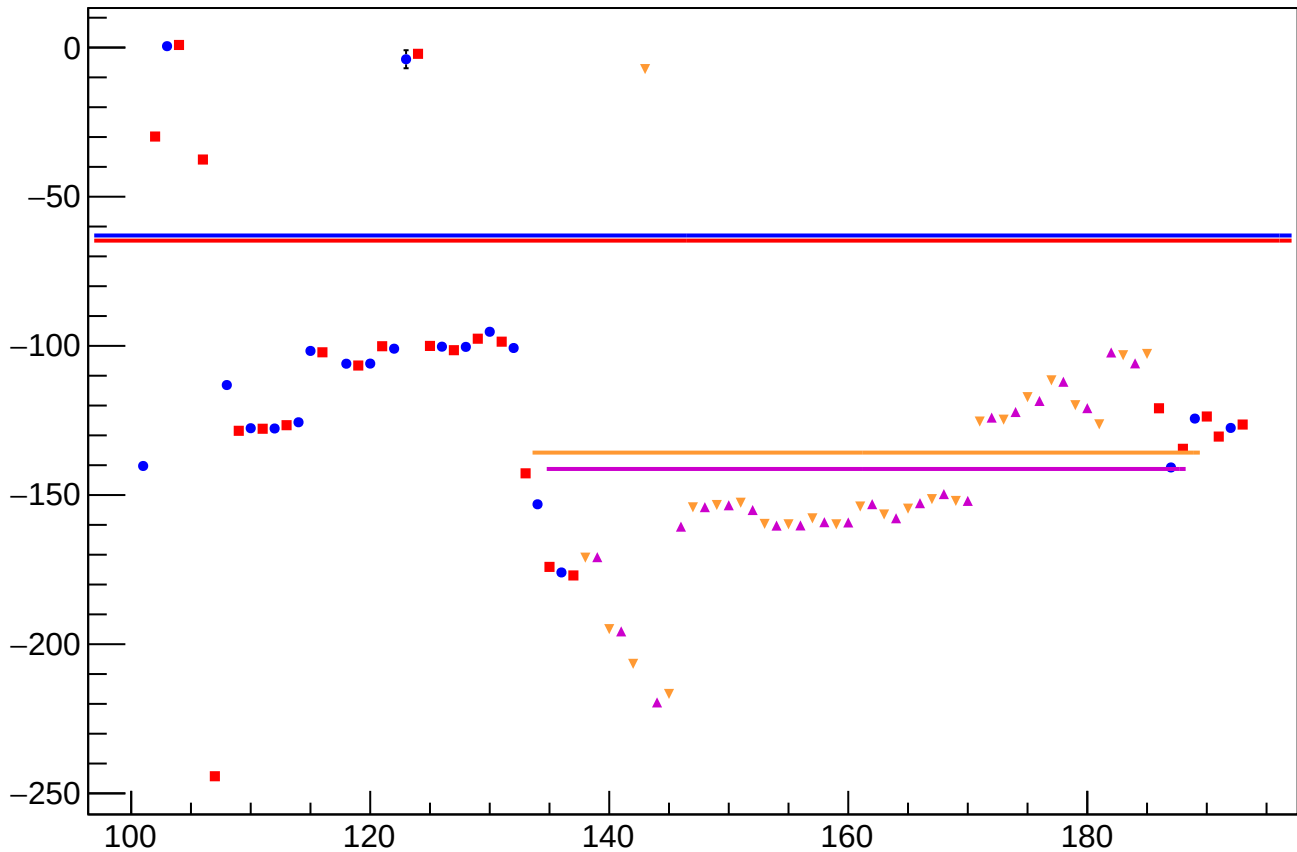
Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

+ sign 52.456 ± 0.750 $\chi^2/\text{NDF}: 1650.7/44$

All: 51.189 ± 0.530 $\chi^2/\text{NDF}: 3037.3/90$

- sign 49.925 ± 0.749 $\chi^2/\text{NDF}: 1380.9/45$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -63.000 ± 0.059 $\chi^2/\text{NDF}: 1195107.8/19$

Left Out: -135.775 ± 0.045 $\chi^2/\text{NDF}: 742021.1/24$

Right Out: -64.716 ± 0.056 $\chi^2/\text{NDF}: 1204734.8/22$

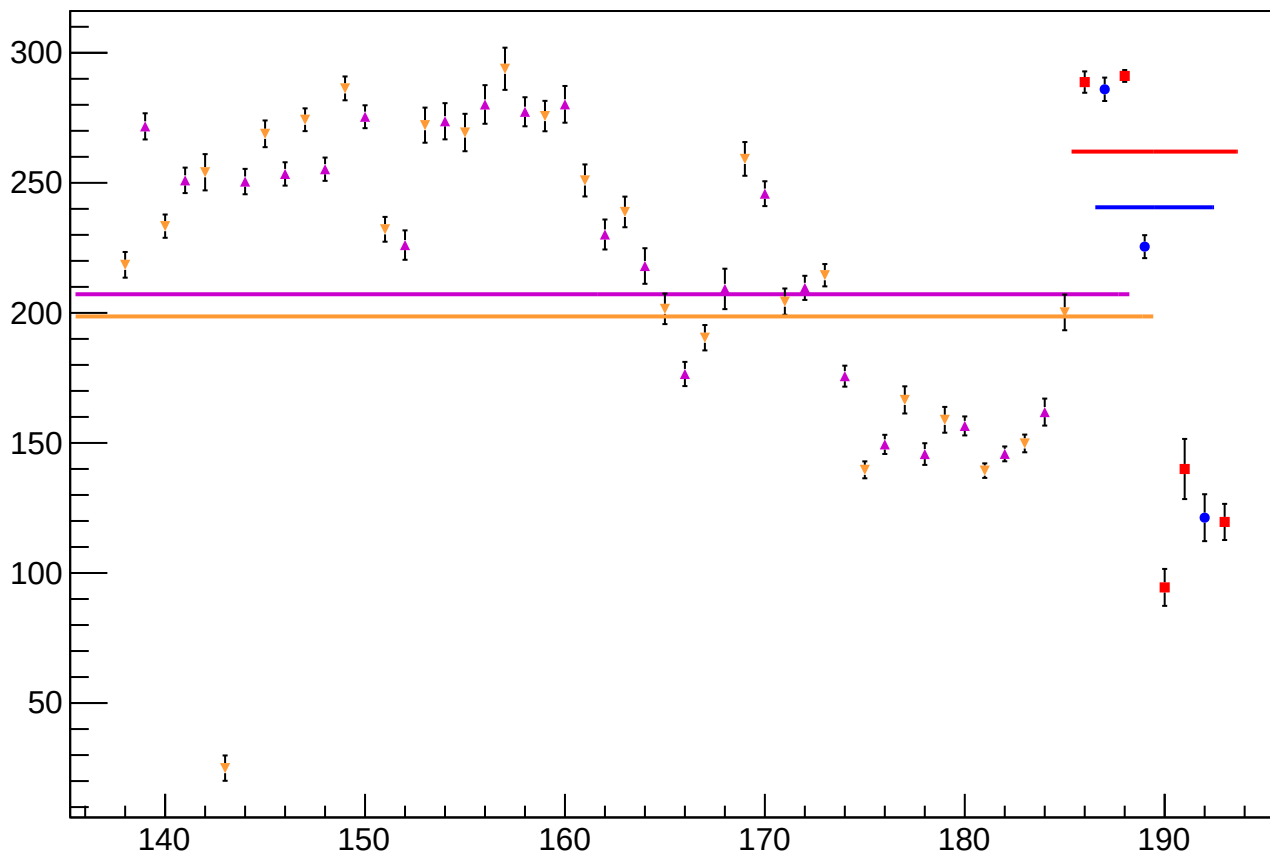
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -109.481 ± 0.036 $\chi^2/\text{NDF}: 2896020.0/44$

All: -110.352 ± 0.025 $\chi^2/\text{NDF}: 5582945.2/90$

- sign -111.197 ± 0.035 $\chi^2/\text{NDF}: 2685752.3/45$

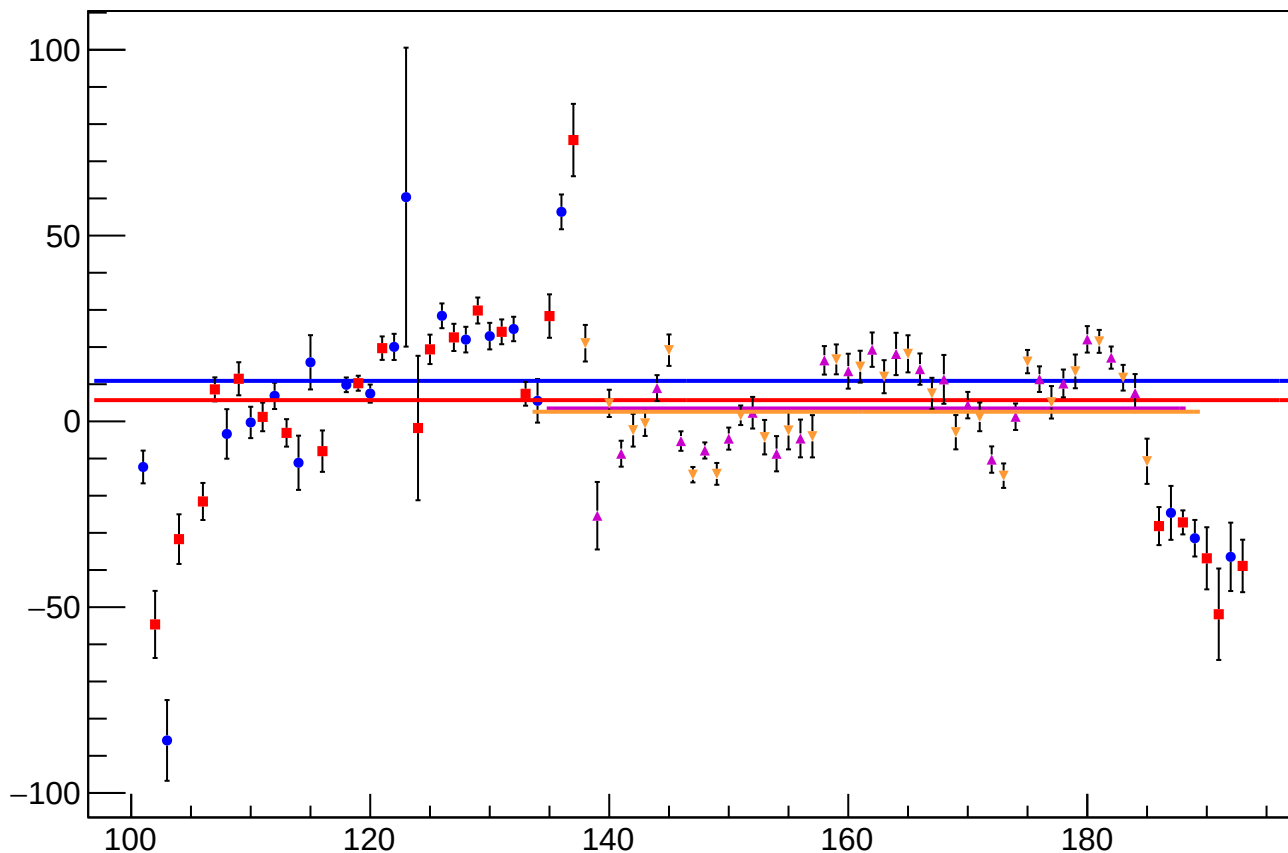
reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 240.604 ± 2.976 χ^2/NDF : 288.5/2
 Left Out: 198.637 ± 0.966 χ^2/NDF : 4146.6/24
 Right Out: 262.015 ± 1.827 χ^2/NDF : 1292.5/4
 Left In: 207.171 ± 0.986 χ^2/NDF : 2631.6/22

+ sign 202.639 ± 0.919 χ^2/NDF : 4615.0/27
 All: 211.577 ± 0.631 χ^2/NDF : 9416.0/55
 - sign 219.545 ± 0.868 χ^2/NDF : 4622.1/27

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 10.900 $\pm$ 0.893 χ^2 /NDF: 427.3/19

Left Out: 2.595 $\pm$ 0.744 χ^2 /NDF: 274.3/24

Right Out: 5.716 $\pm$ 0.856 χ^2 /NDF: 559.7/22

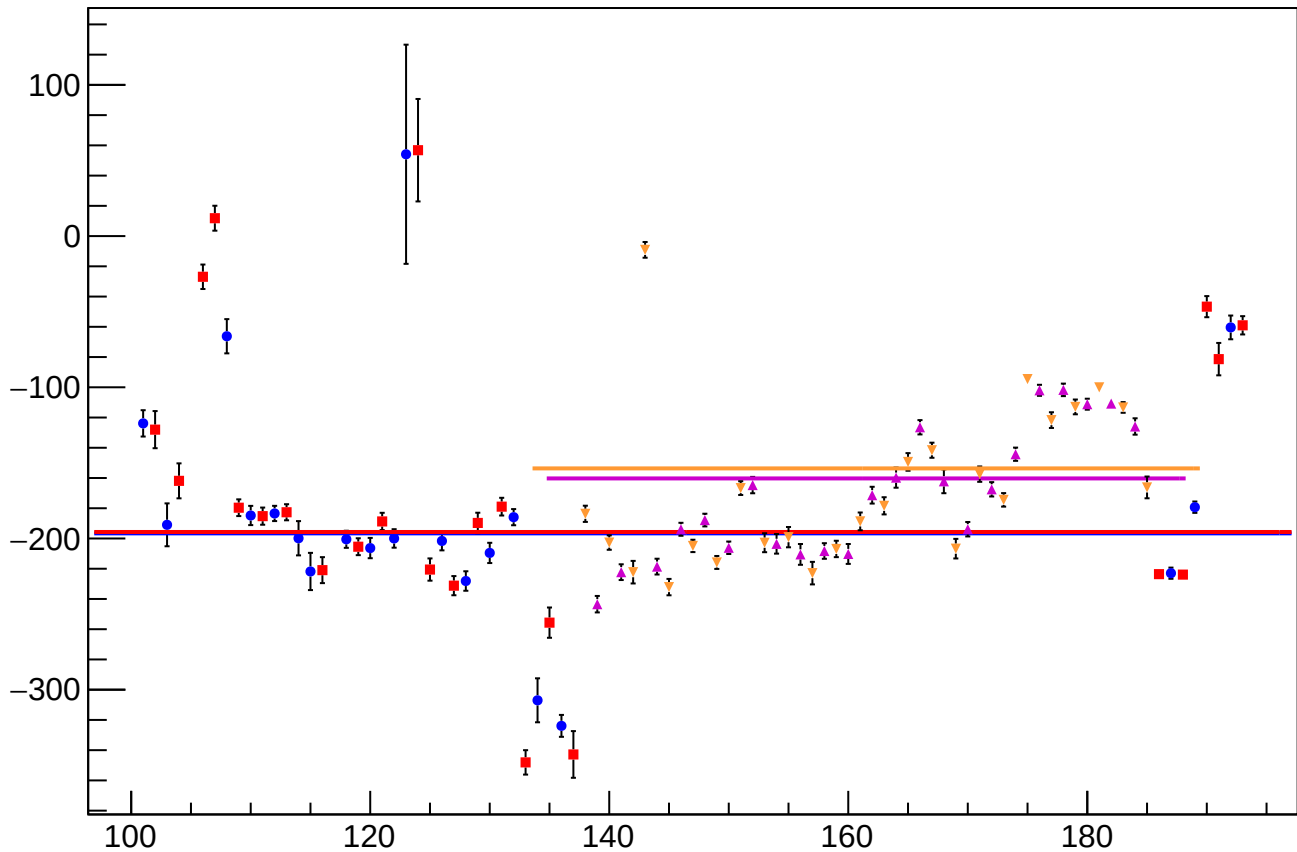
Left In: 3.478 $\pm$ 0.772 χ^2 /NDF: 194.7/22

+ sign 5.999 $\pm$ 0.572 χ^2 /NDF: 752.7/44

All: 5.243 $\pm$ 0.405 χ^2 /NDF: 1514.3/90

- sign 4.482 $\pm$ 0.573 χ^2 /NDF: 758.1/45

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -196.603 ± 1.449 $\chi^2/\text{NDF}: 1003.8/19$

Left Out: -153.649 ± 0.970 $\chi^2/\text{NDF}: 2930.9/24$

Right Out: -195.695 ± 1.125 $\chi^2/\text{NDF}: 3117.5/22$

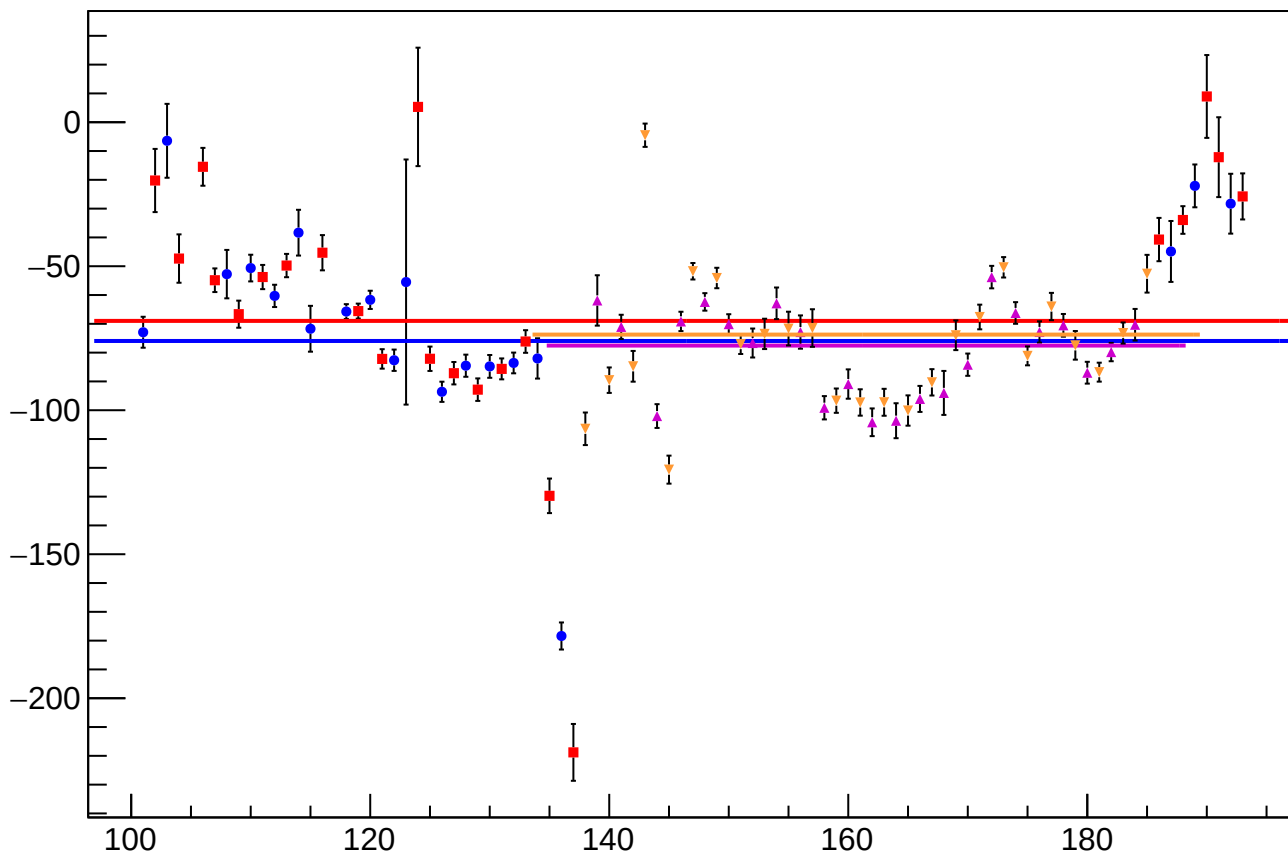
Left In: -160.279 ± 0.985 $\chi^2/\text{NDF}: 2049.4/22$

+ sign -166.936 ± 0.806 $\chi^2/\text{NDF}: 4541.4/44$

All: -171.655 ± 0.546 $\chi^2/\text{NDF}: 10332.6/90$

- sign -175.644 ± 0.741 $\chi^2/\text{NDF}: 5727.9/45$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -75.954 $\pm$ 1.044 χ^2/NDF : 743.6/19

Left Out: -73.741 $\pm$ 0.855 χ^2/NDF :728.3/24

Right Out: -68.983 $\pm$ 1.007 χ^2/NDF : 754.4/22

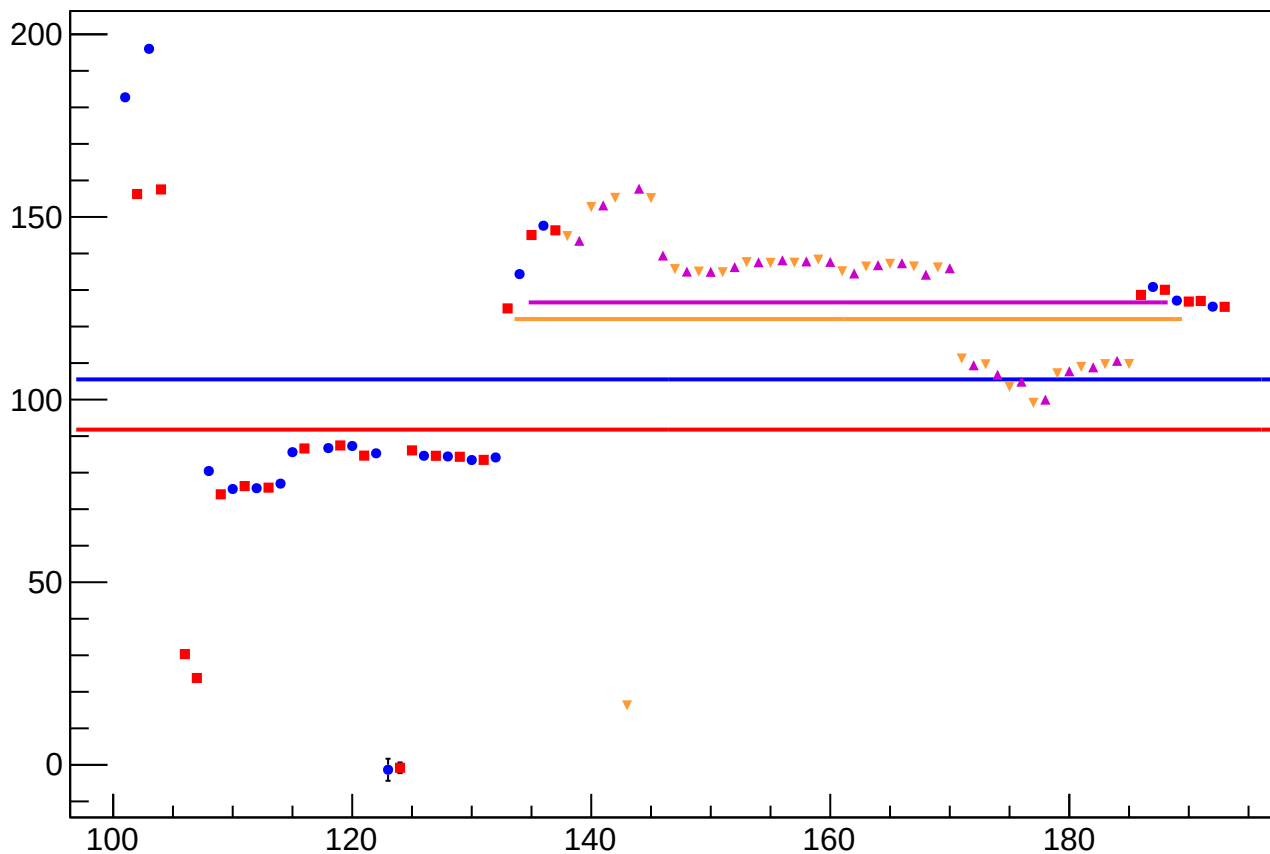
Left In: -77.545 $\pm$ 0.880 χ^2/NDF :252.7/22

+ sign -74.629 $\pm$ 0.661 χ^2/NDF : 1474.5/44

All: -74.234 $\pm$ 0.468 χ^2/NDF : 2523.4/90

- sign -73.838 $\pm$ 0.663 χ^2/NDF : 1048.1/45

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 105.532 $\pm$ 0.067 χ^2 /NDF: 284876.7/19

Left Out: 122.046 $\pm$ 0.040 χ^2 /NDF: 437985.3/24

Right Out: 91.782 $\pm$ 0.058 χ^2 /NDF: 487813.9/22

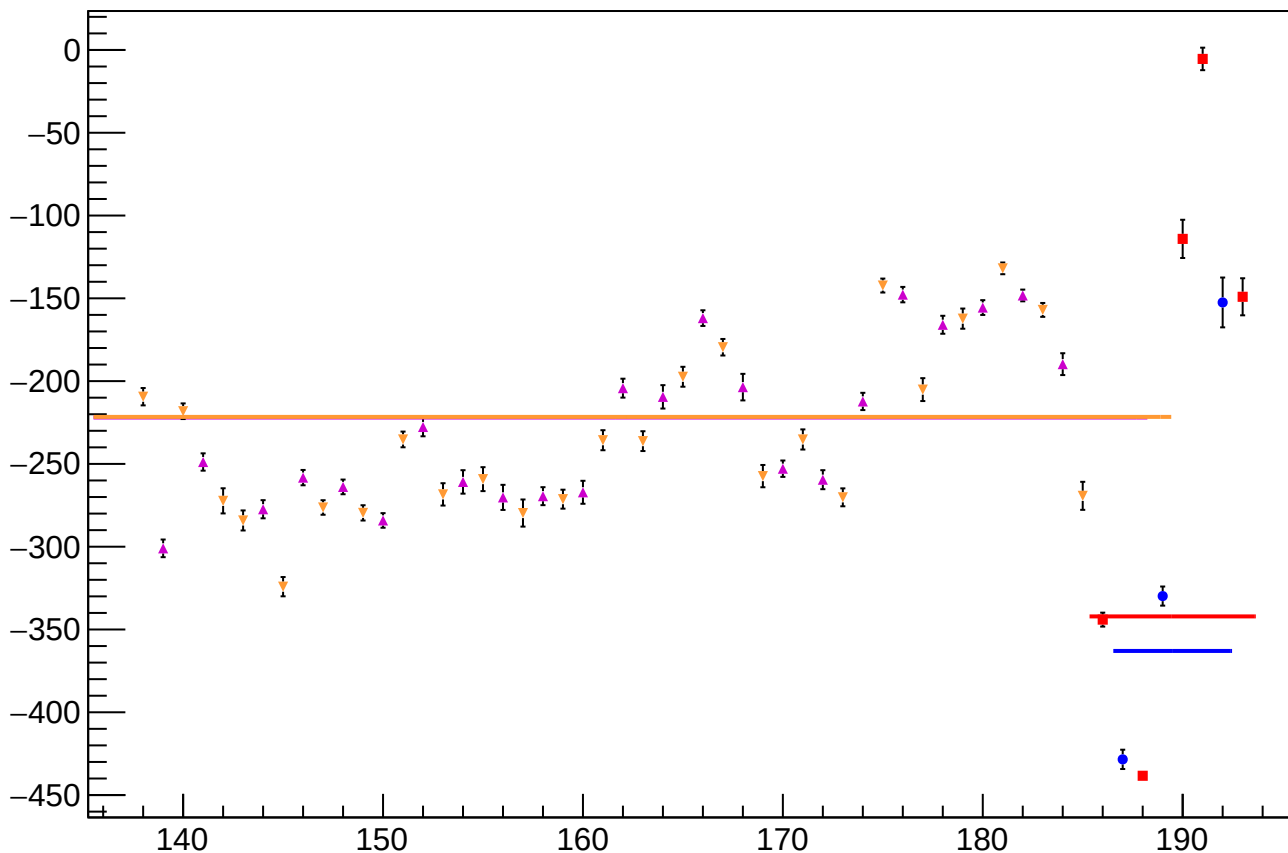
Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

+ sign 117.615 $\pm$ 0.035 χ^2 /NDF: 767628.5/44

All: 116.333 $\pm$ 0.024 χ^2 /NDF: 1661833.5/90

- sign 115.131 $\pm$ 0.033 χ^2 /NDF: 891542.0/45

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -362.957 ± 3.957 χ^2/NDF : 354.7/2

Left Out: -221.606 ± 1.087 χ^2/NDF : 2565.8/24

Right Out: -342.102 ± 2.224 χ^2/NDF : 4146.0/4

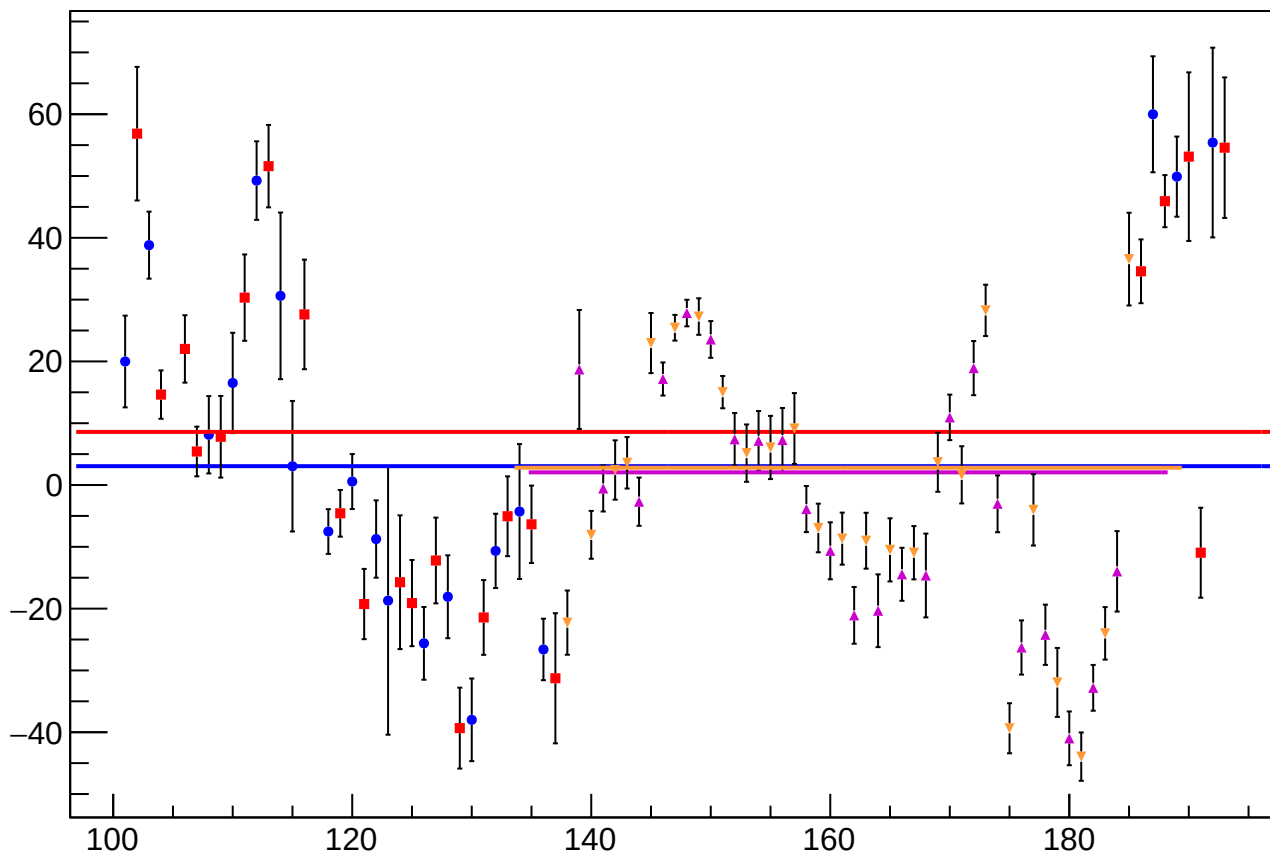
Left In: -221.980 ± 1.098 χ^2/NDF : 2190.6/22

+ sign -231.528 ± 1.048 χ^2/NDF : 4106.9/27

All: -238.962 ± 0.718 χ^2/NDF : 12882.9/55

- sign -245.519 ± 0.985 χ^2/NDF : 8681.4/27

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 3.049 ± 1.449 $\chi^2/\text{NDF}: 335.8/19$

Left Out: 2.800 ± 0.810 $\chi^2/\text{NDF}: 685.5/24$

Right Out: 8.595 ± 1.256 $\chi^2/\text{NDF}: 391.6/22$

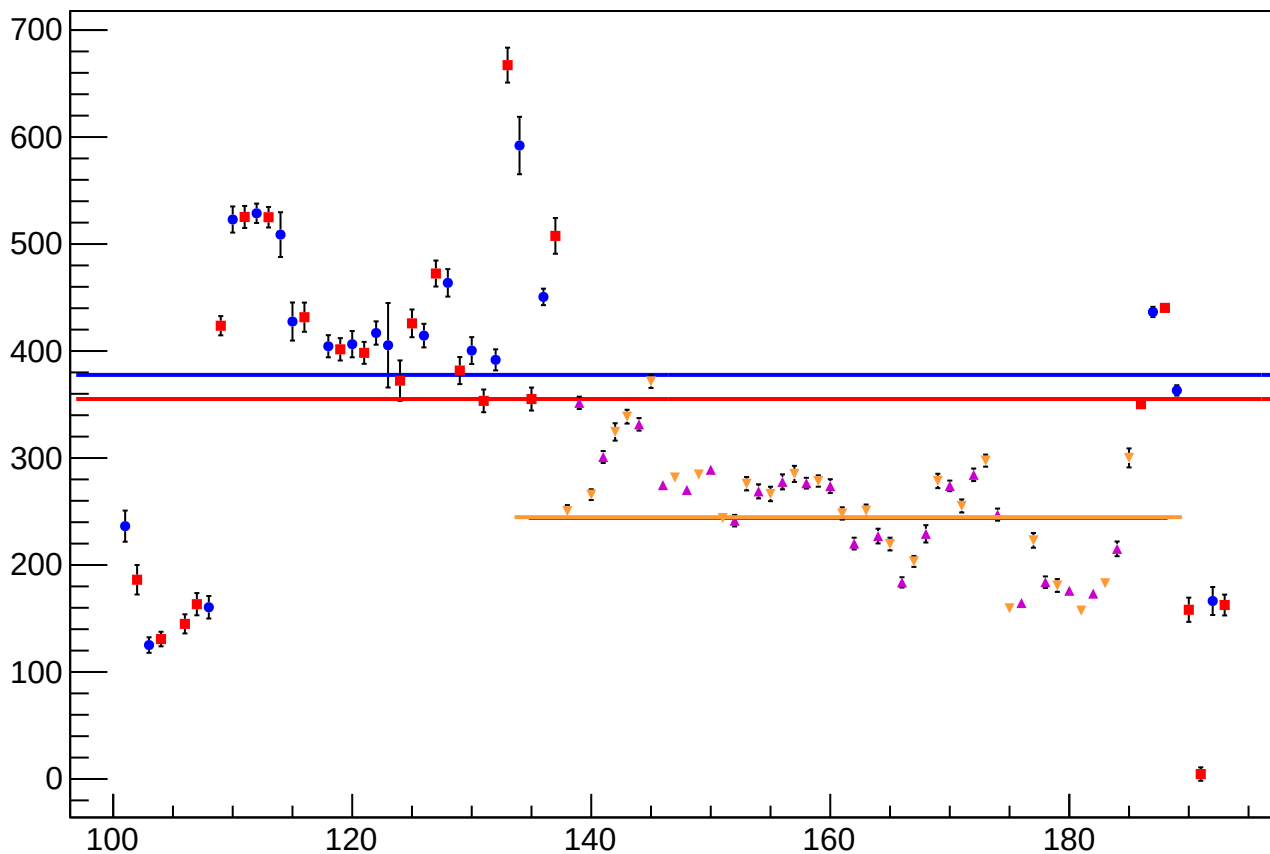
Left In: 2.050 ± 0.833 $\chi^2/\text{NDF}: 592.6/22$

+ sign 2.859 ± 0.707 $\chi^2/\text{NDF}: 1021.3/44$

All: 3.465 ± 0.495 $\chi^2/\text{NDF}: 2025.8/90$

- sign 4.050 ± 0.694 $\chi^2/\text{NDF}: 1003.0/45$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 377.685 $\pm$ 2.116 χ^2 /NDF: 2857.3/19

Left Out: 244.716 $\pm$ 1.085 χ^2 /NDF:2565.7/24

Right Out: 355.155 $\pm$ 1.487 χ^2 /NDF: 8436.1/22

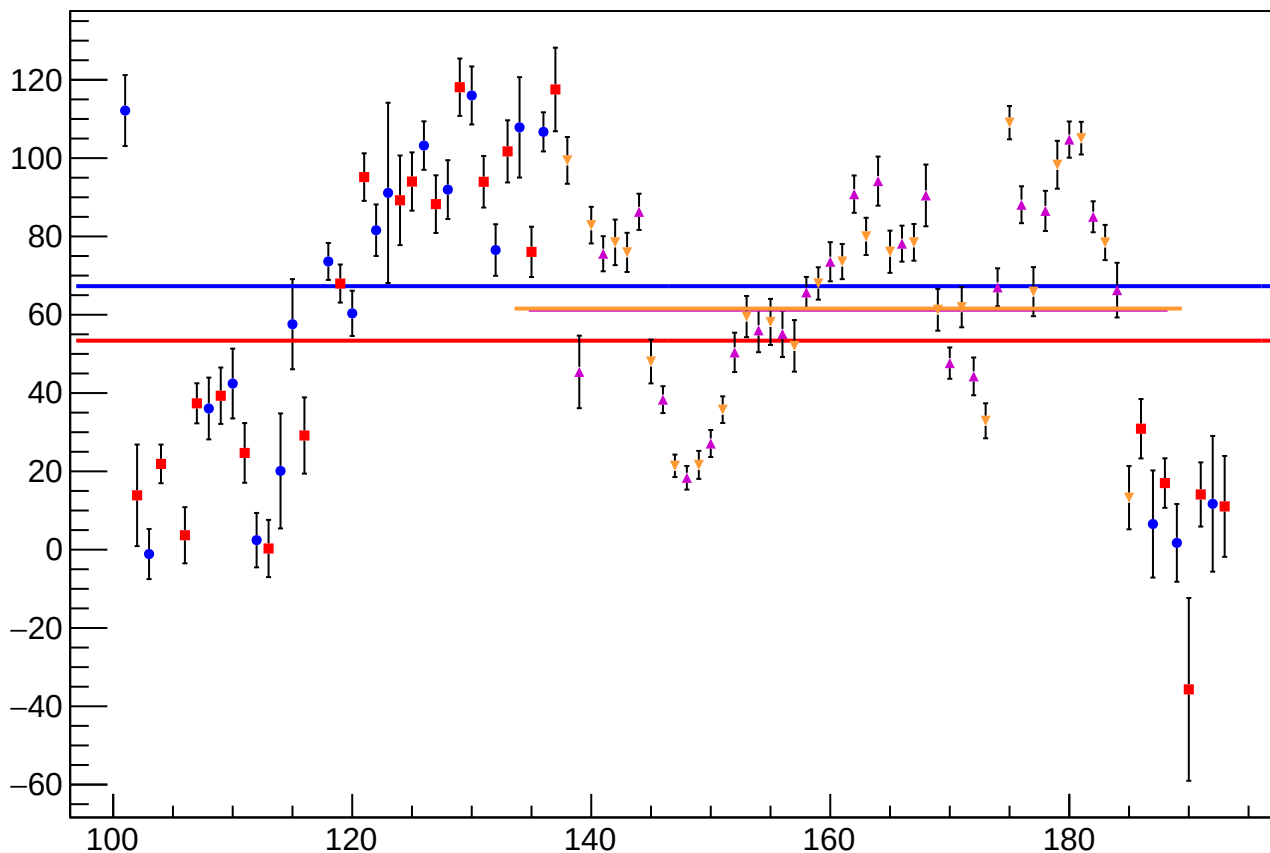
Left In: 243.933 $\pm$ 1.090 χ^2 /NDF:2294.8/22

+ sign 272.389 $\pm$ 0.965 χ^2 /NDF: 8551.4/44

All: 278.088 $\pm$ 0.650 χ^2 /NDF: 22985.6/90

- sign 282.817 $\pm$ 0.879 χ^2 /NDF: 14370.4/45

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 67.297+/-1.695 χ^2 /NDF: 504.8/19

Left Out: 61.575+/-0.939 χ^2 /NDF: 870.3/24

Right Out: 53.380+/-1.508 χ^2 /NDF: 595.1/22

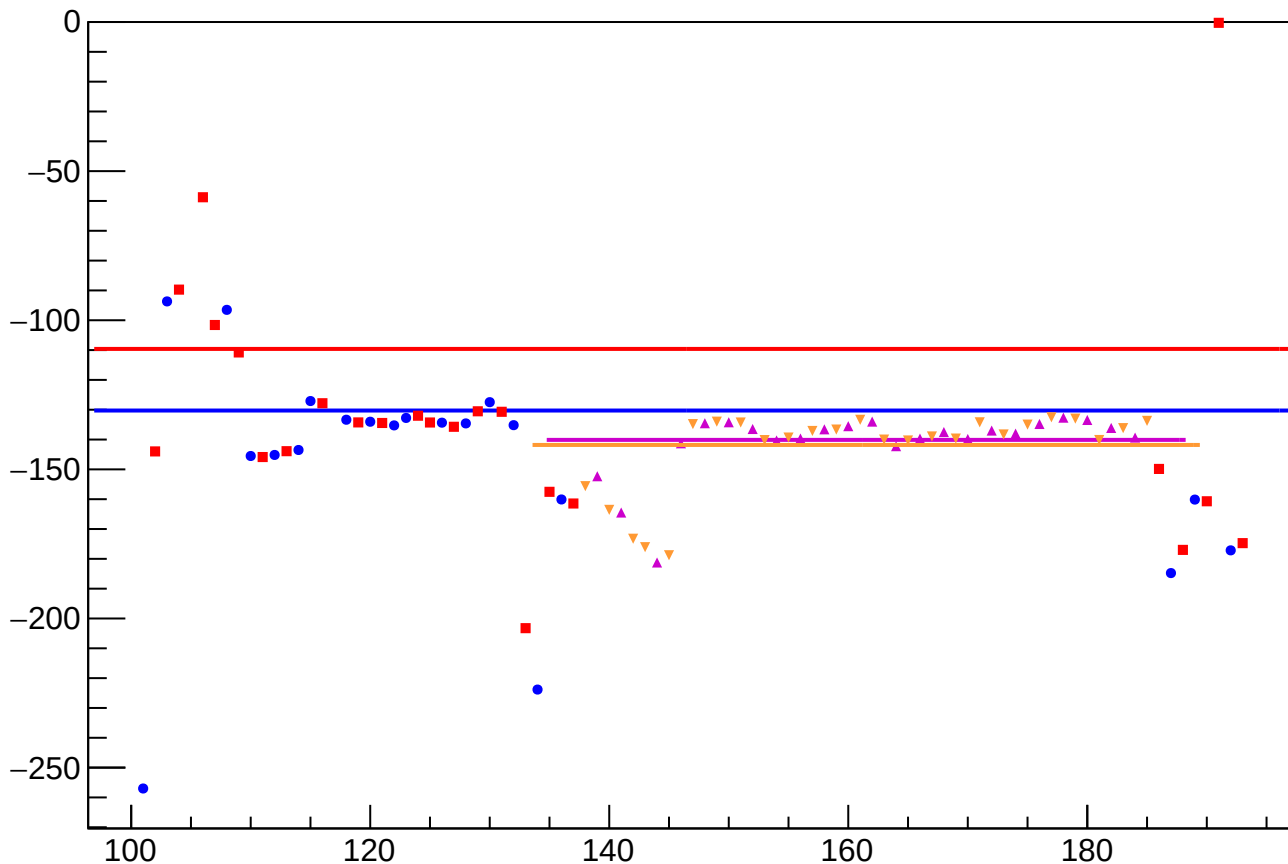
Left In: 61.286+/-0.959 χ^2 /NDF: 702.8/22

+ sign 62.918+/-0.821 χ^2 /NDF: 1383.8/44

All: 60.935+/-0.576 χ^2 /NDF: 2712.8/90

- sign 59.010+/-0.809 χ^2 /NDF: 1317.5/45

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -130.270 ± 0.086 $\chi^2/\text{NDF}: 185041.5/19$

Left Out: -141.811 ± 0.045 $\chi^2/\text{NDF}: 77727.6/24$

Right Out: -109.610 ± 0.073 $\chi^2/\text{NDF}: 480414.9/22$

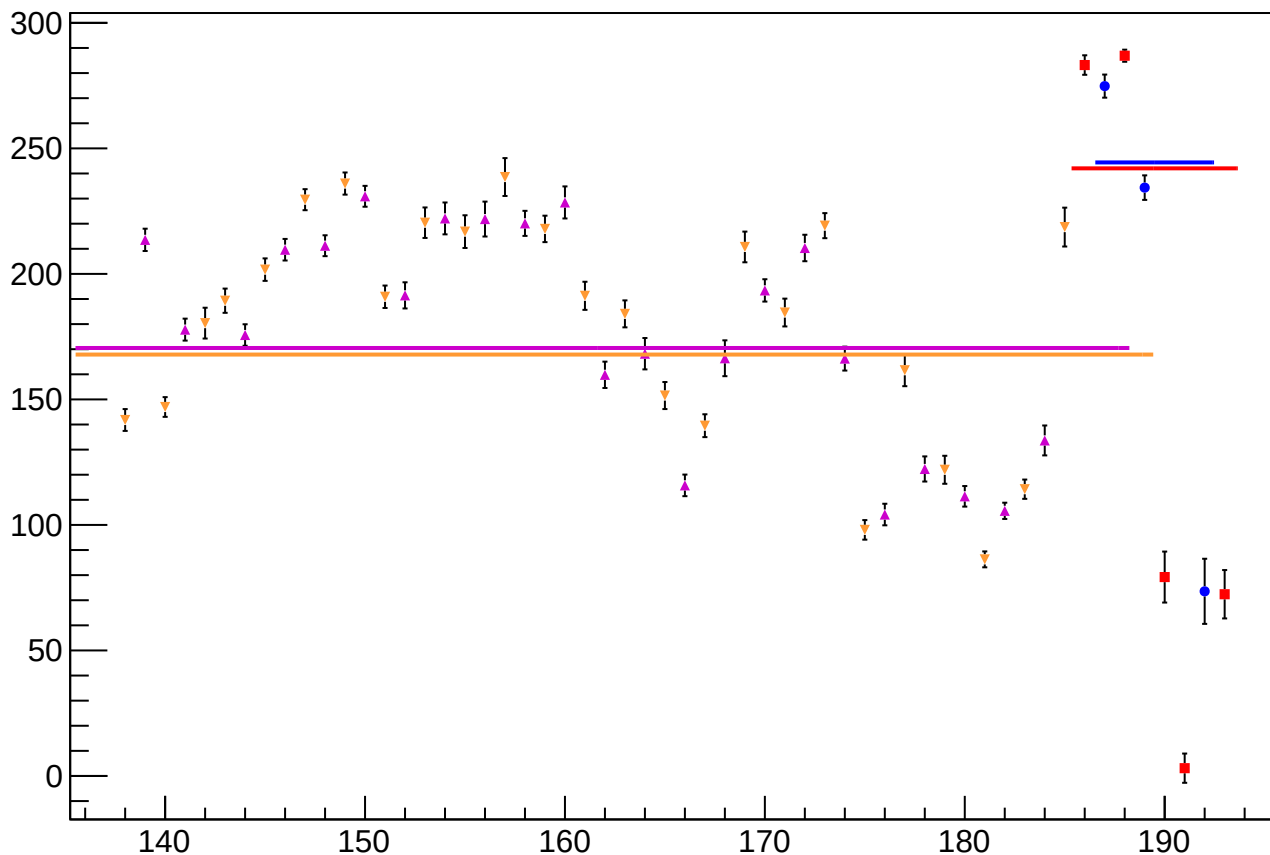
Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

+ sign -139.350 ± 0.040 $\chi^2/\text{NDF}: 276915.0/44$

All: -135.448 ± 0.028 $\chi^2/\text{NDF}: 949988.4/90$

- sign -131.831 ± 0.038 $\chi^2/\text{NDF}: 654497.7/45$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 244.404 ± 3.244 χ^2/NDF : 221.3/2

Left Out: 167.868 ± 0.973 χ^2/NDF : 2465.4/24

Right Out: 242.043 ± 1.863 χ^2/NDF : 2708.2/4

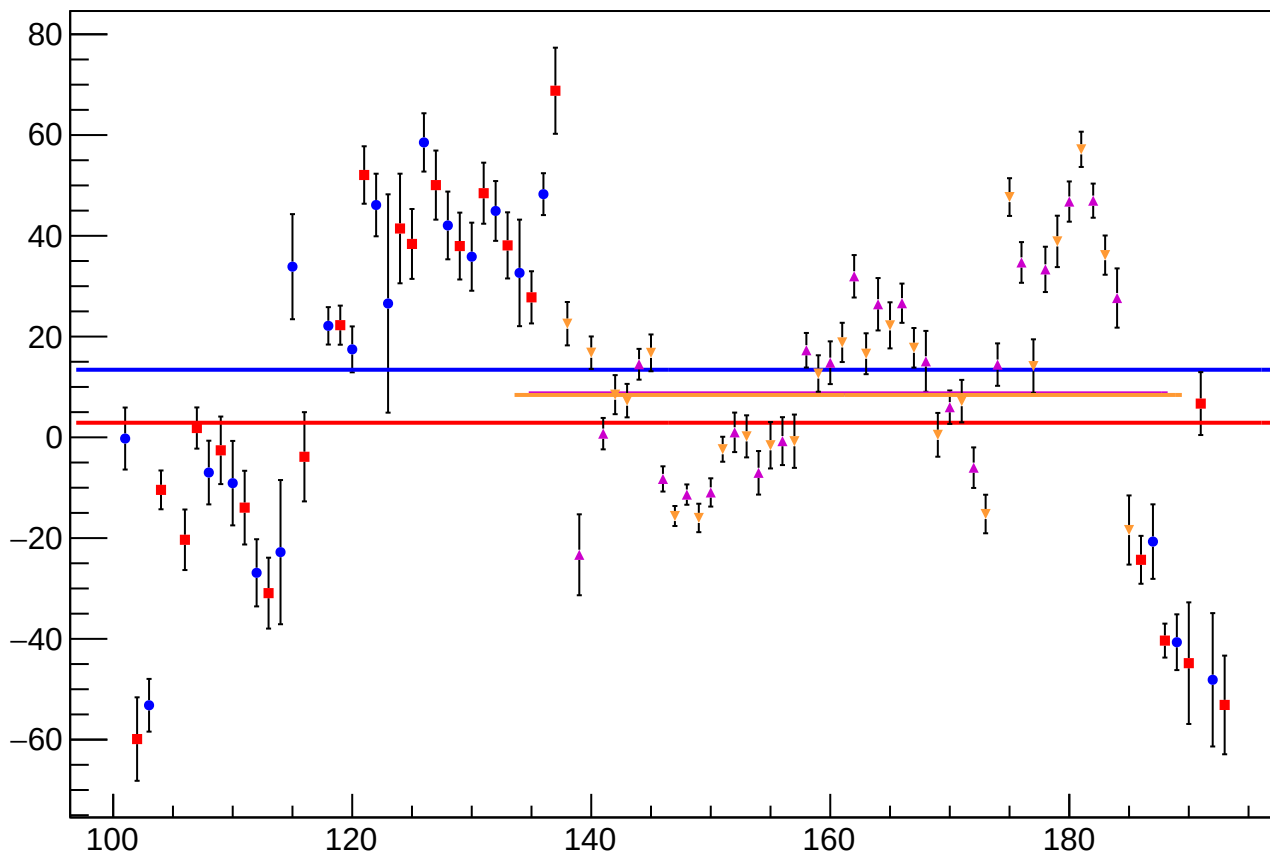
Left In: 170.487 ± 0.991 χ^2/NDF : 2036.5/22

+ sign 174.190 ± 0.932 χ^2/NDF : 3197.3/27

All: 180.618 ± 0.638 χ^2/NDF : 9181.7/55

- sign 186.280 ± 0.875 χ^2/NDF : 5894.9/27

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 13.415 $\pm$ 1.396 χ^2 /NDF: 595.9/19

Left Out: 8.415 $\pm$ 0.731 χ^2 /NDF: 750.6/24

Right Out: 2.897 $\pm$ 1.203 χ^2 /NDF: 741.3/22

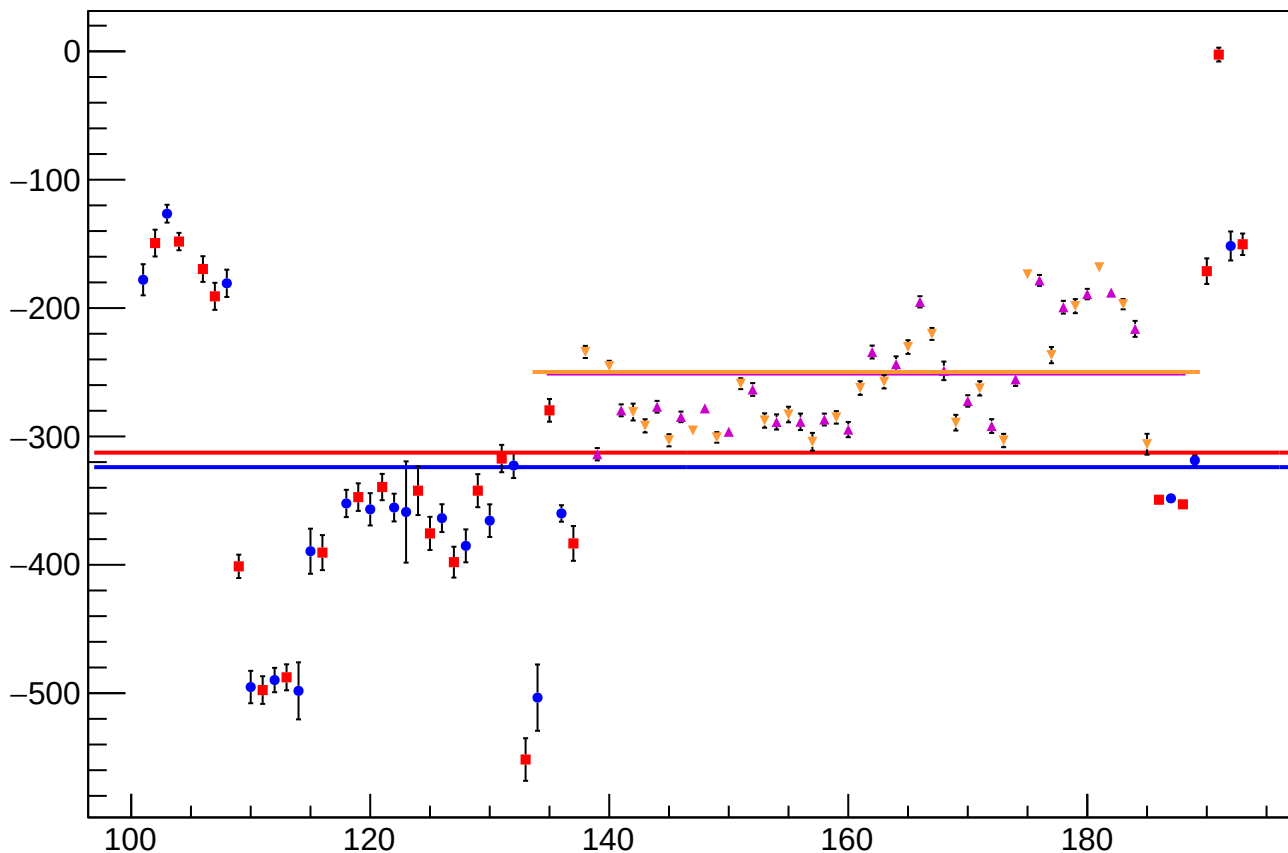
Left In: 8.730 $\pm$ 0.757 χ^2 /NDF: 630.1/22

+ sign 9.491 $\pm$ 0.648 χ^2 /NDF: 1356.5/44

All: 8.271 $\pm$ 0.455 χ^2 /NDF: 2751.8/90

- sign 7.077 $\pm$ 0.641 χ^2 /NDF: 1388.2/45

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.917 ± 1.893 χ^2/NDF : 2126.9/19

Left Out: -249.759 ± 0.975 χ^2/NDF : 2232.5/24

Right Out: -312.610 ± 1.306 χ^2/NDF : 6699.7/22

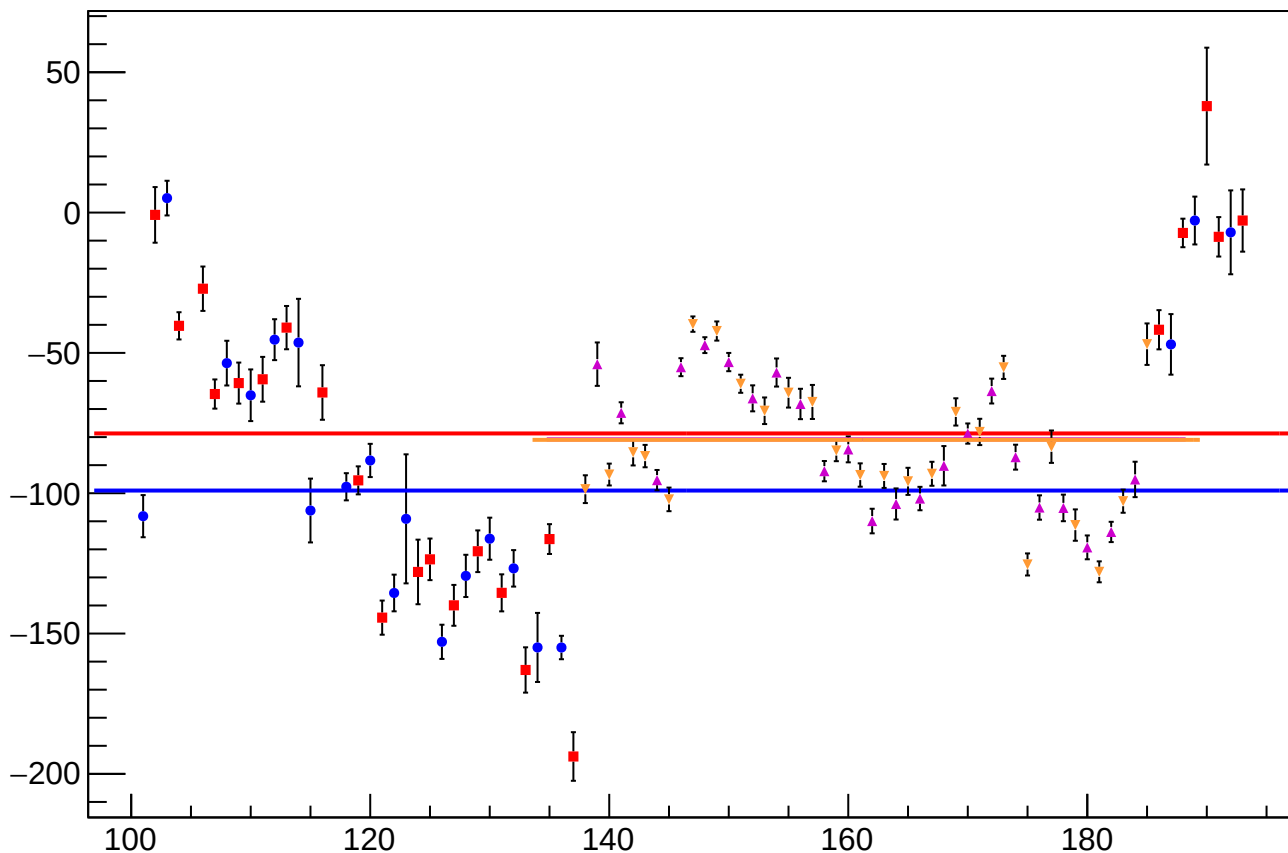
Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

+ sign -265.307 ± 0.867 χ^2/NDF : 5571.9/44

All: -269.740 ± 0.583 χ^2/NDF : 15694.5/90

- sign -273.395 ± 0.787 χ^2/NDF : 10074.9/45

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -99.046 ± 1.632 χ^2/NDF : 939.8/19

Left Out: -80.981 ± 0.846 χ^2/NDF : 911.2/24

Right Out: -78.700 ± 1.452 χ^2/NDF : 1310.4/22

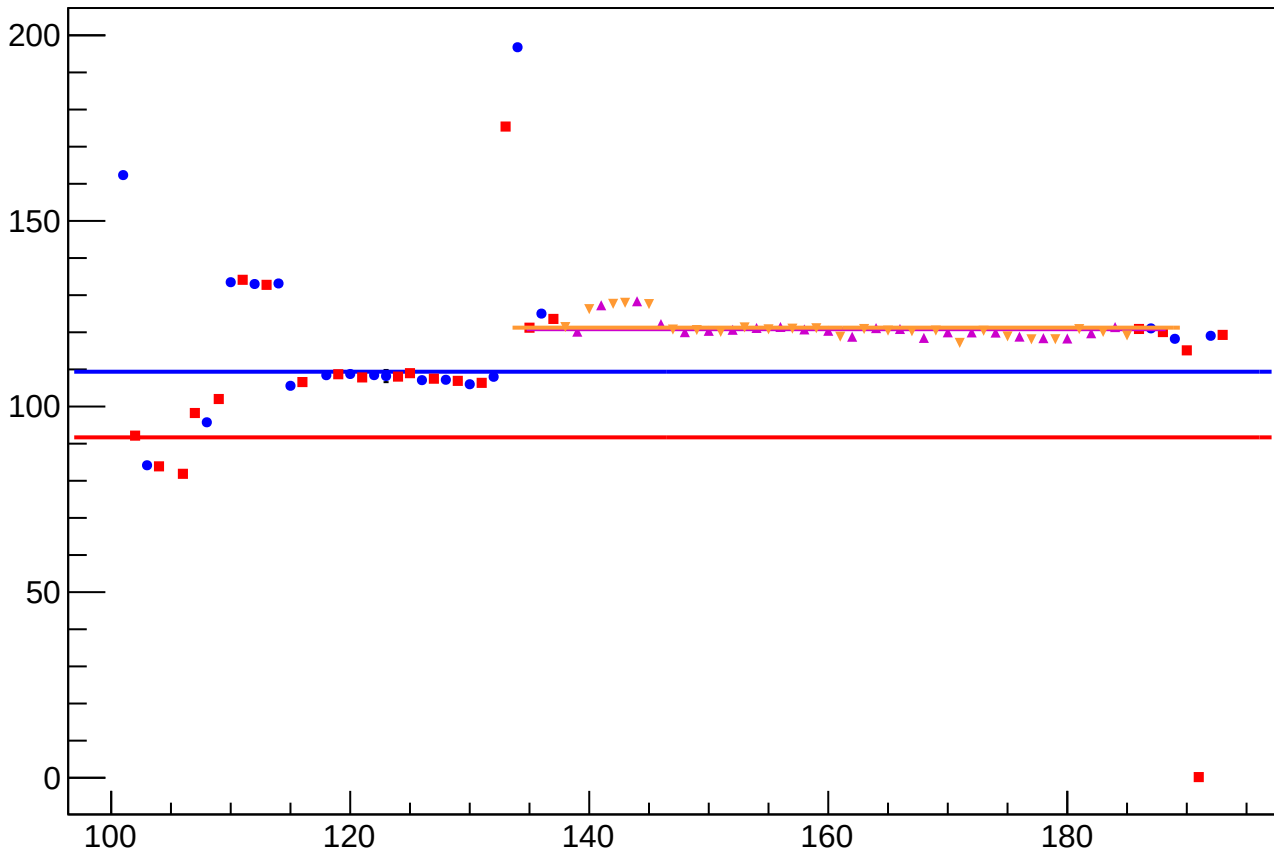
Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

+ sign -84.809 ± 0.751 χ^2/NDF : 1947.7/44

All: -82.513 ± 0.529 χ^2/NDF : 3973.5/90

- sign -80.248 ± 0.746 χ^2/NDF : 2007.3/45

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 109.379 $\pm$ 0.081 χ^2 /NDF: 74676.6/19

Left Out: 121.248 $\pm$ 0.040 χ^2 /NDF: 4820.1/24

Right Out: 91.697 $\pm$ 0.069 χ^2 /NDF: 319385.3/22

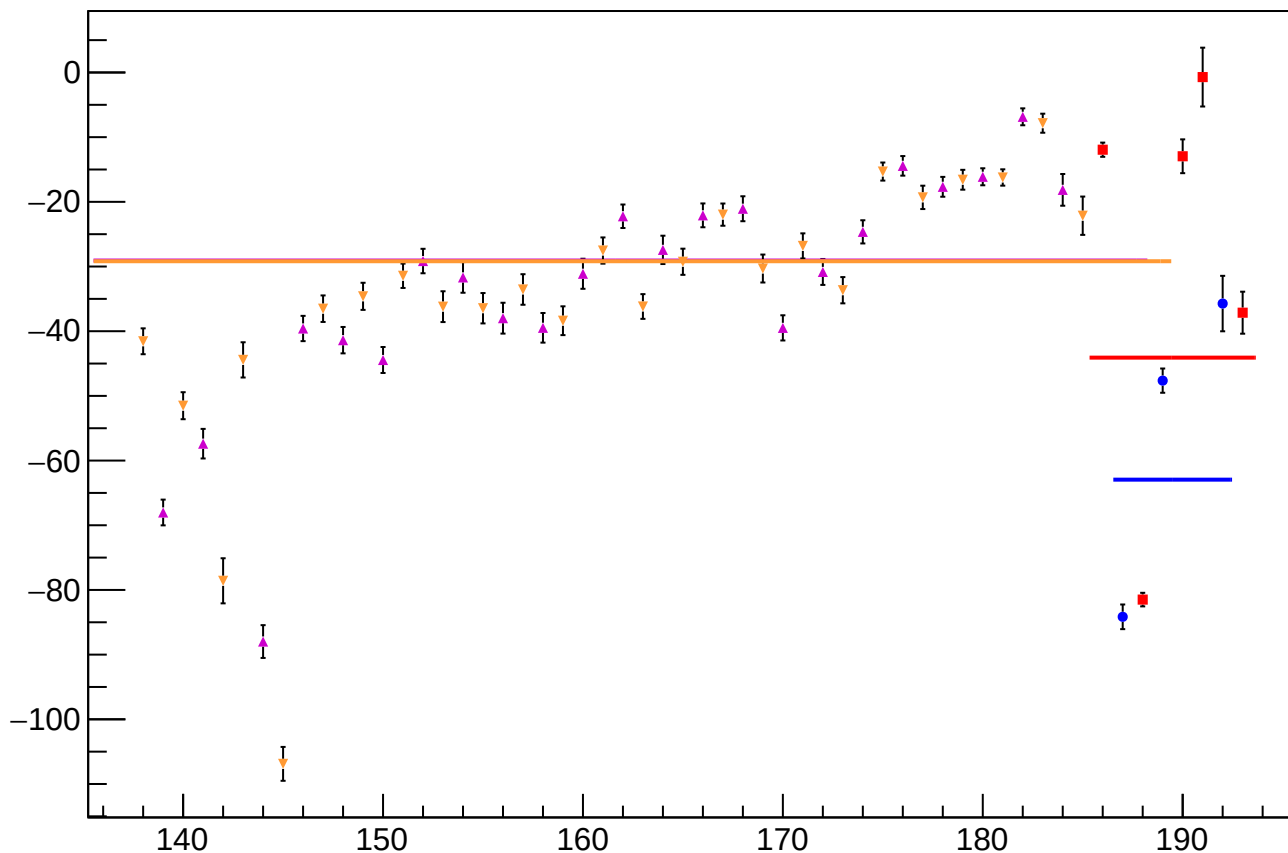
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.900 $\pm$ 0.036 χ^2 /NDF: 96730.1/44

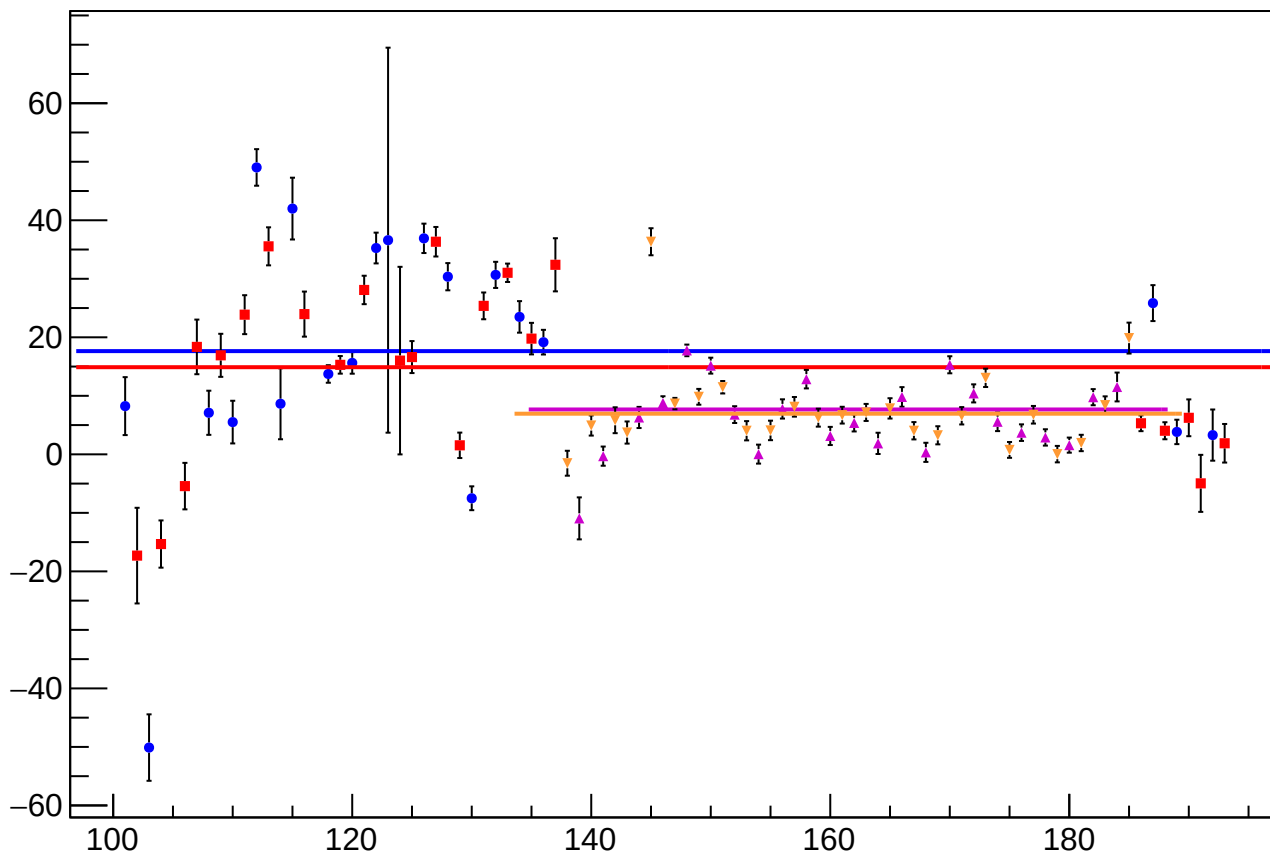
All: 116.009 $\pm$ 0.025 χ^2 /NDF: 565725.8/90

- sign 113.299 $\pm$ 0.035 χ^2 /NDF: 456520.3/45

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 17.640 ± 0.597 χ^2/NDF : 684.6/19

Left Out: 6.943 ± 0.304 χ^2/NDF : 322.6/24

Right Out: 14.891 ± 0.522 χ^2/NDF : 582.3/22

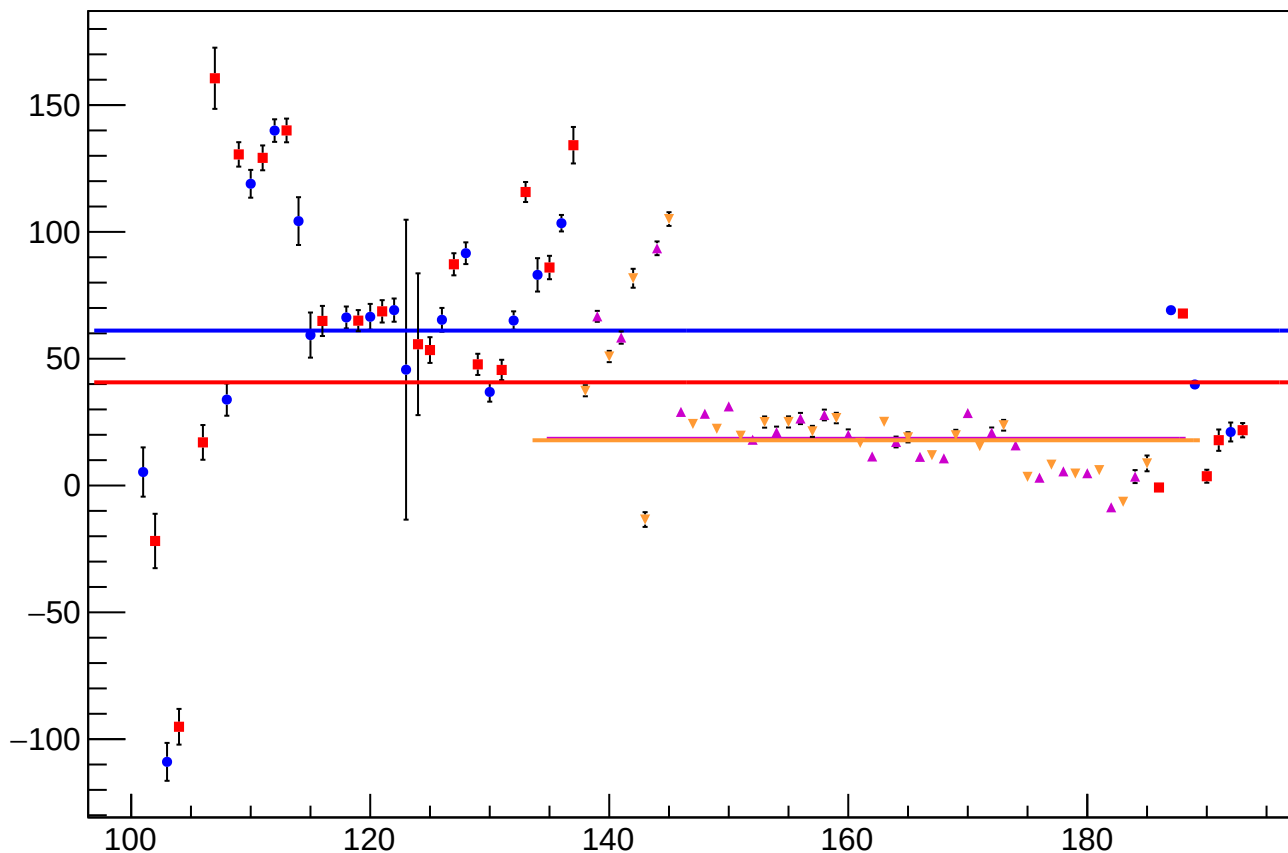
Left In: 7.666 ± 0.313 χ^2/NDF : 341.1/22

+ sign 9.140 ± 0.271 χ^2/NDF : 1262.1/44

All: 9.359 ± 0.191 χ^2/NDF : 2327.8/90

- sign 9.574 ± 0.268 χ^2/NDF : 1064.4/45

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 61.087 ± 0.807 χ^2/NDF : 1614.1/19

Left Out: 17.841 ± 0.388 χ^2/NDF : 2399.7/24

Right Out: 40.680 ± 0.520 χ^2/NDF : 6029.4/22

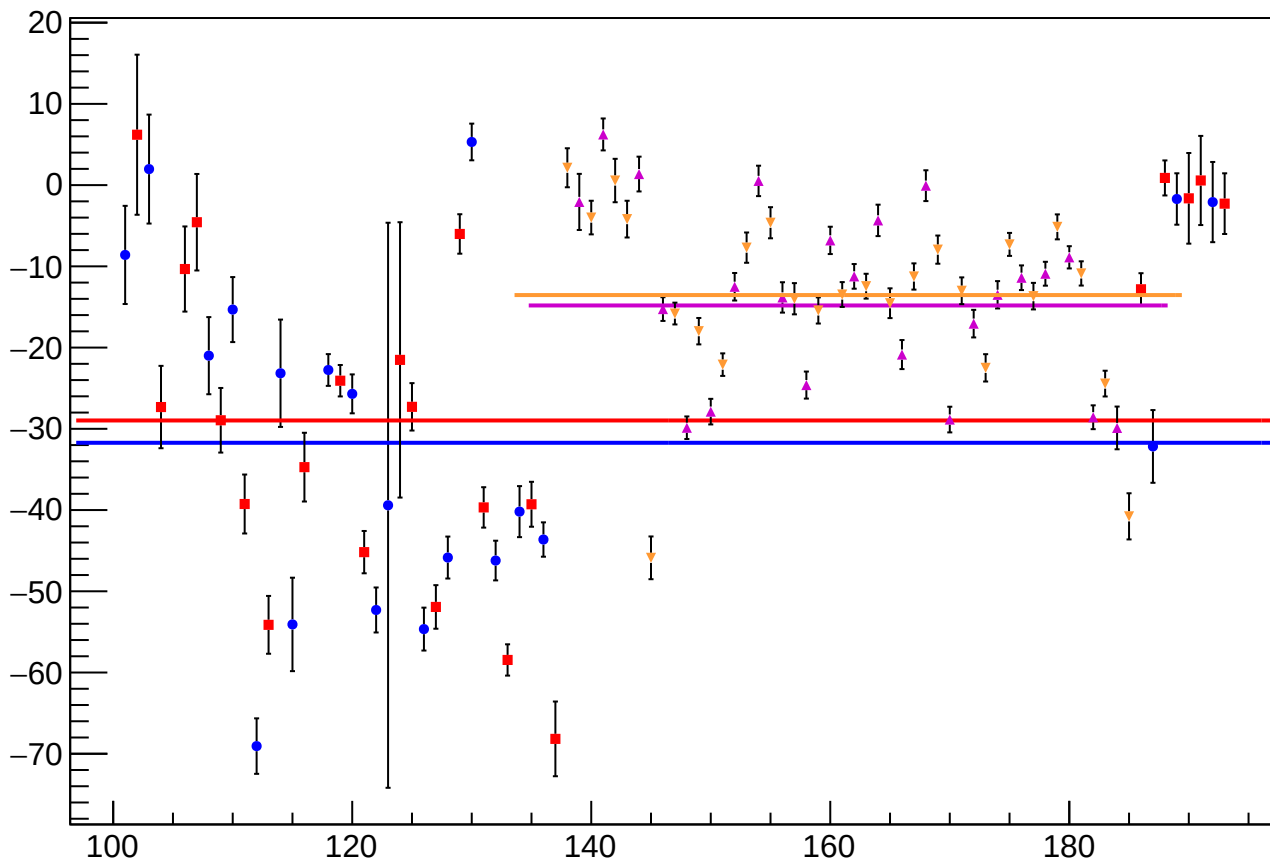
Left In: 18.416 ± 0.391 χ^2/NDF : 2468.4/22

+ sign 25.959 ± 0.350 χ^2/NDF : 6347.8/44

All: 26.241 ± 0.233 χ^2/NDF : 16017.7/90

- sign 26.466 ± 0.313 χ^2/NDF : 9668.6/45

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -31.720 ± 0.701 χ^2/NDF : 855.3/19

Left Out: -13.535 ± 0.345 χ^2/NDF : 574.6/24

Right Out: -28.973 ± 0.639 χ^2/NDF : 1012.3/22

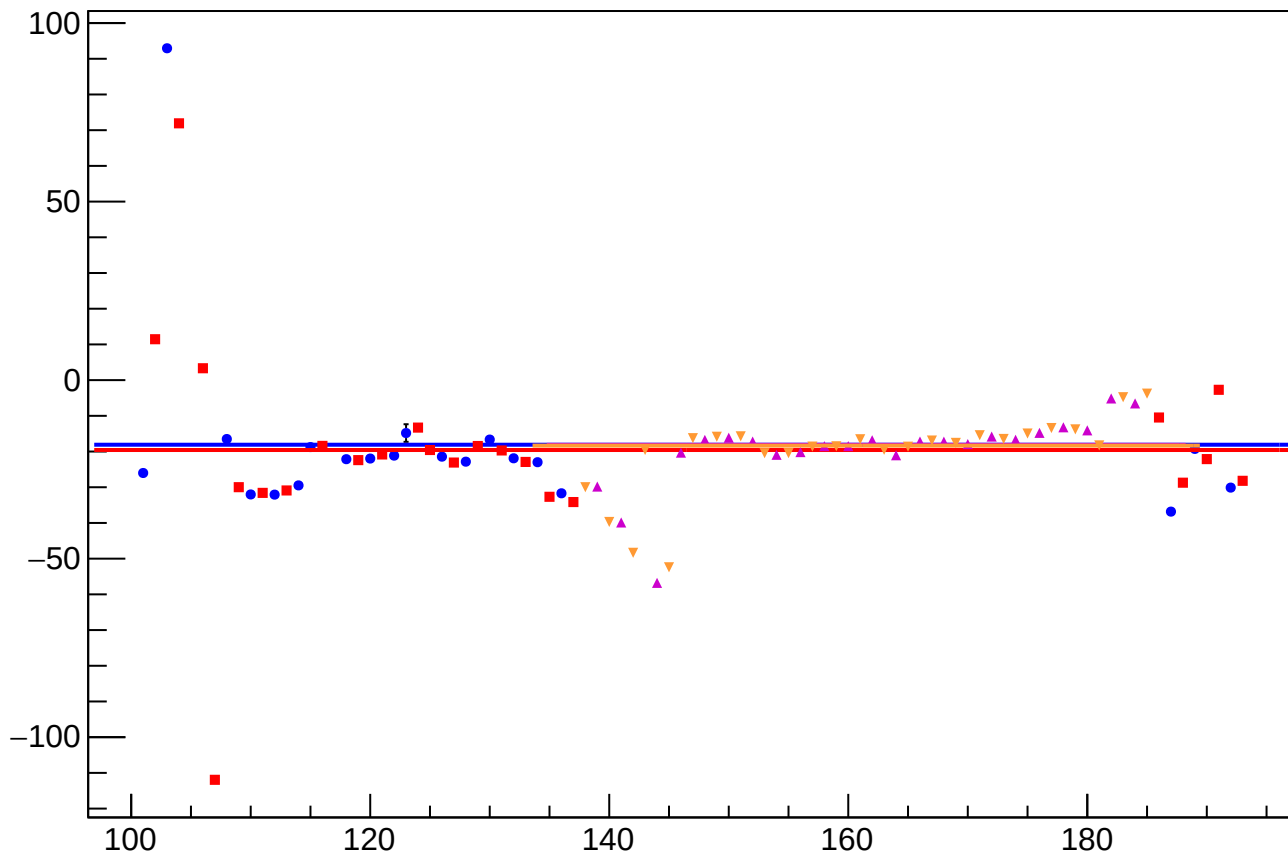
Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

+ sign -17.076 ± 0.309 χ^2/NDF : 1971.9/44

All: -17.602 ± 0.219 χ^2/NDF : 4204.2/90

- sign -18.127 ± 0.309 χ^2/NDF : 2226.6/45

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -18.092 ± 0.040 $\chi^2/\text{NDF}: 487325.7/19$

Left Out: -18.337 ± 0.016 $\chi^2/\text{NDF}: 283793.3/24$

Right Out: -19.574 ± 0.036 $\chi^2/\text{NDF}: 463567.5/22$

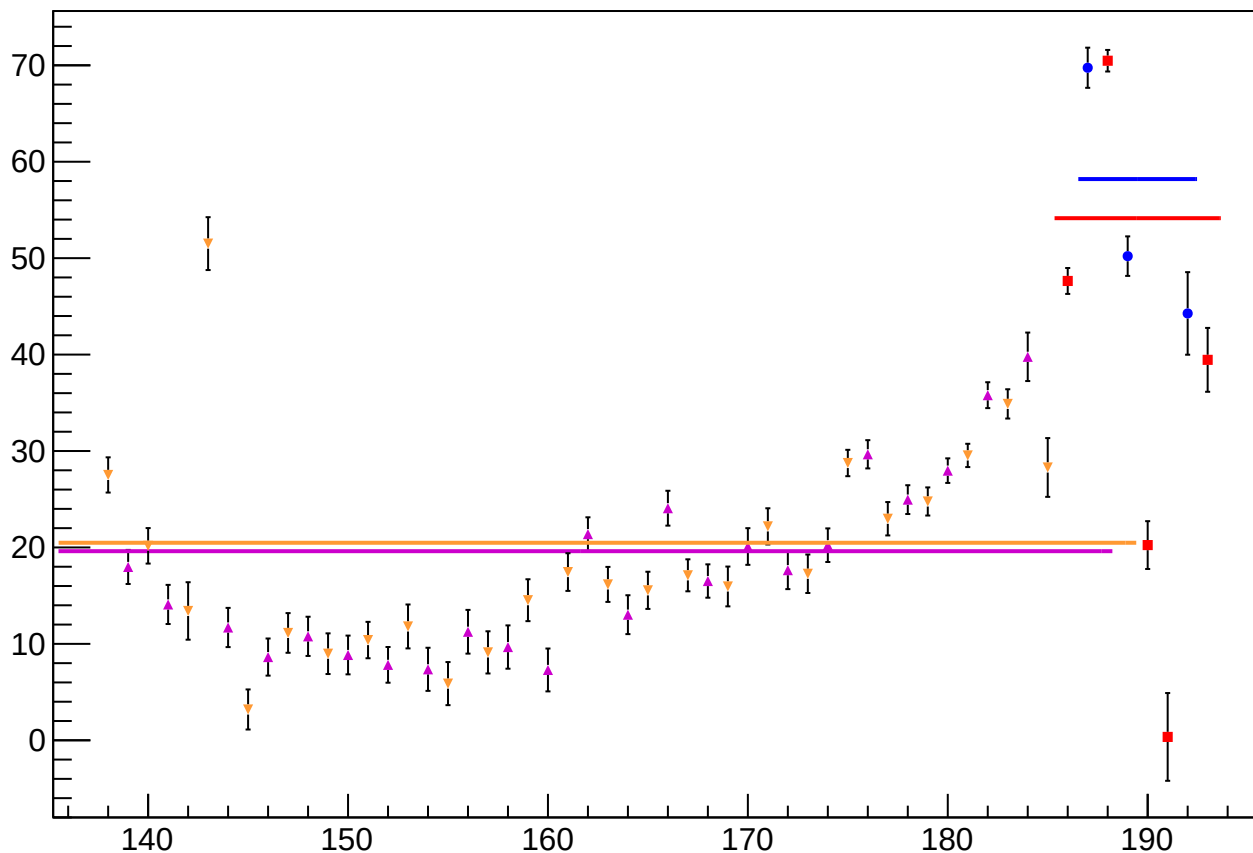
Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

+ sign -18.304 ± 0.015 $\chi^2/\text{NDF}: 771151.2/44$

All: -18.339 ± 0.010 $\chi^2/\text{NDF}: 1481720.9/90$

- sign -18.374 ± 0.015 $\chi^2/\text{NDF}: 710558.6/45$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 58.203+/-1.383 χ^2/NDF : 56.5/2

Left Out: 20.485+/-0.374 χ^2/NDF : 615.7/24

Right Out: 54.146+/-0.777 χ^2/NDF : 583.0/4

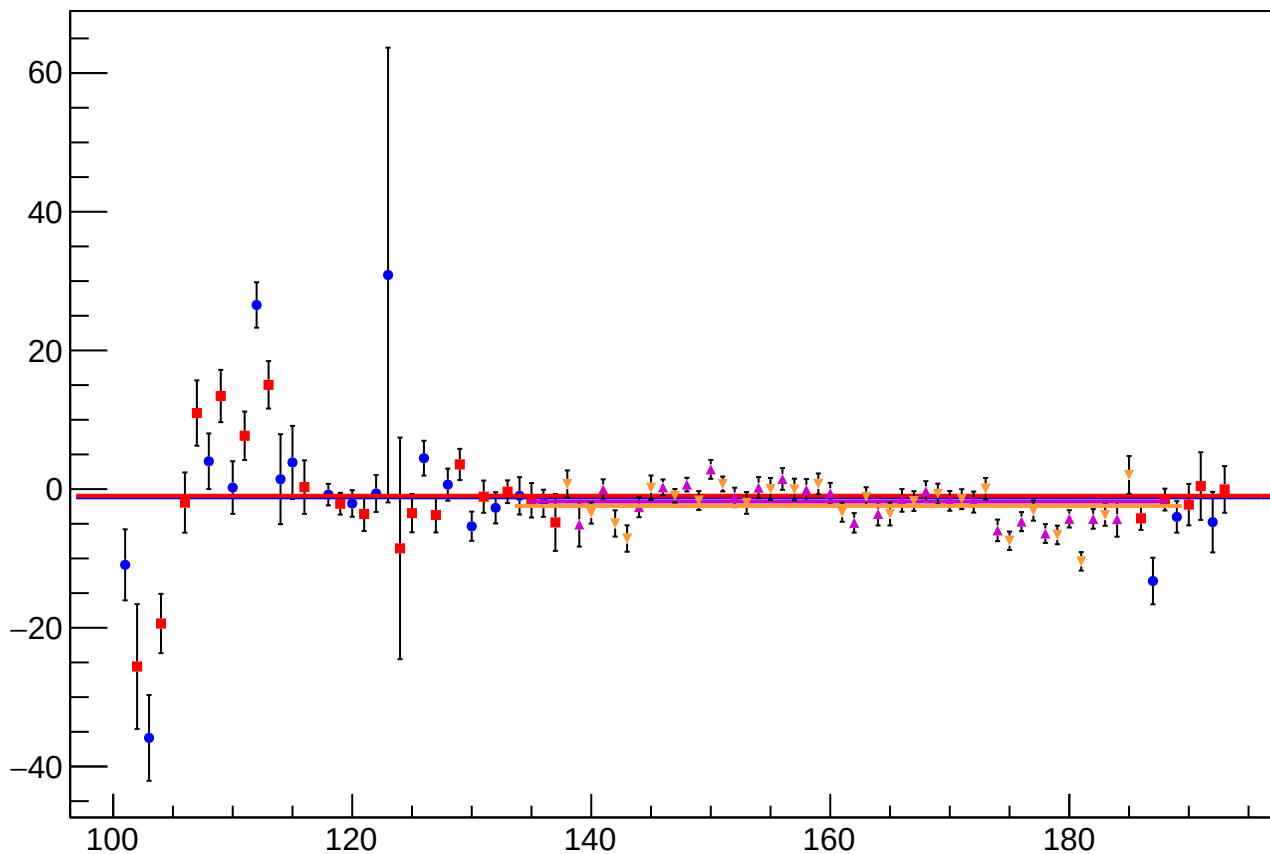
Left In: 19.612+/-0.379 χ^2/NDF : 572.7/22

+ sign 23.052+/-0.361 χ^2/NDF : 1365.8/27

All: 24.737+/-0.248 χ^2/NDF : 4158.5/55

- sign 26.237+/-0.340 χ^2/NDF : 2751.5/27

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -1.184 ± 0.611 χ^2/NDF : 136.5/19

Left Out: -2.429 ± 0.293 χ^2/NDF : 103.7/24

Right Out: -0.959 ± 0.549 χ^2/NDF : 88.5/22

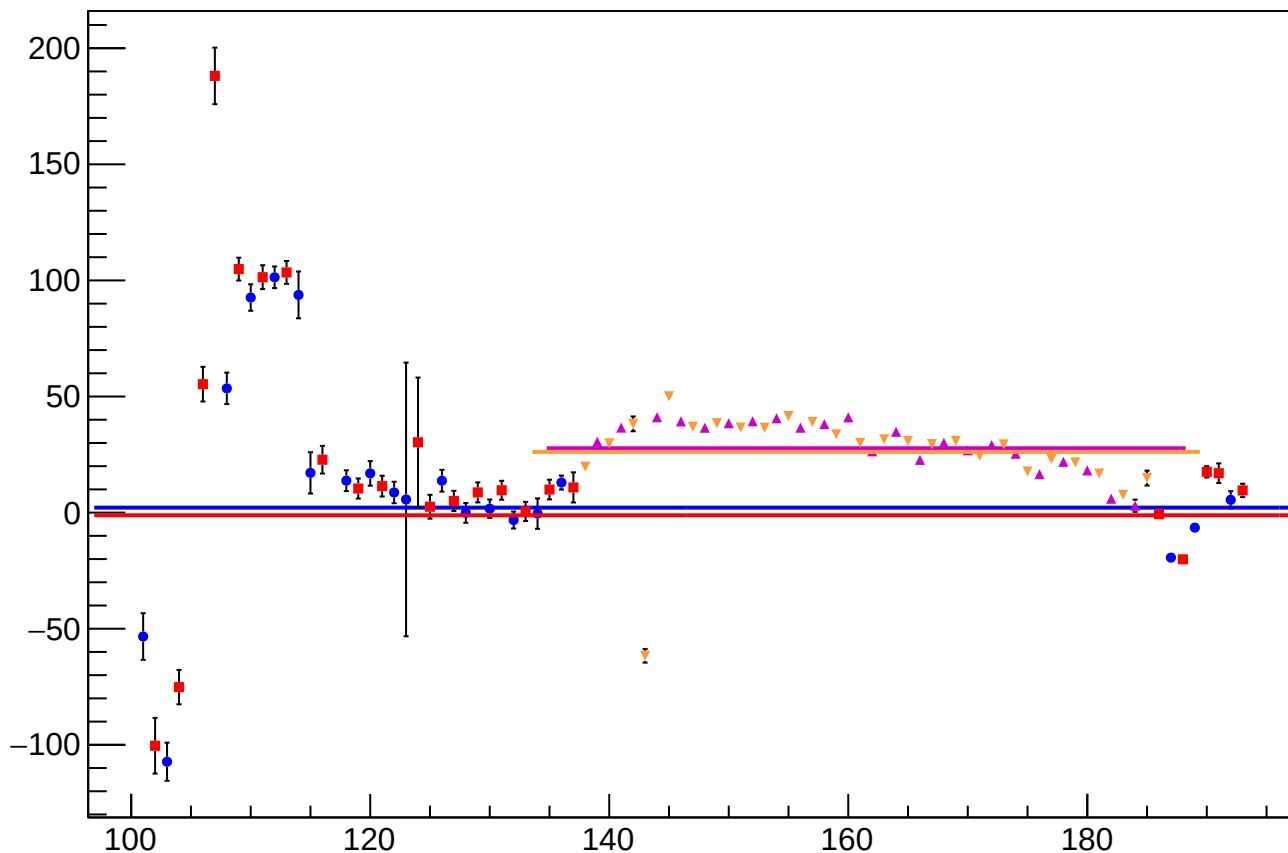
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.196 ± 0.264 χ^2/NDF : 243.6/44

All: -1.897 ± 0.187 χ^2/NDF : 406.5/90

- sign -1.598 ± 0.264 χ^2/NDF : 160.4/45

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 2.148 ± 0.849 χ^2/NDF : 1276.5/19

Left Out: 26.164 ± 0.373 χ^2/NDF : 1577.6/24

Right Out: -1.148 ± 0.569 χ^2/NDF : 2375.2/22

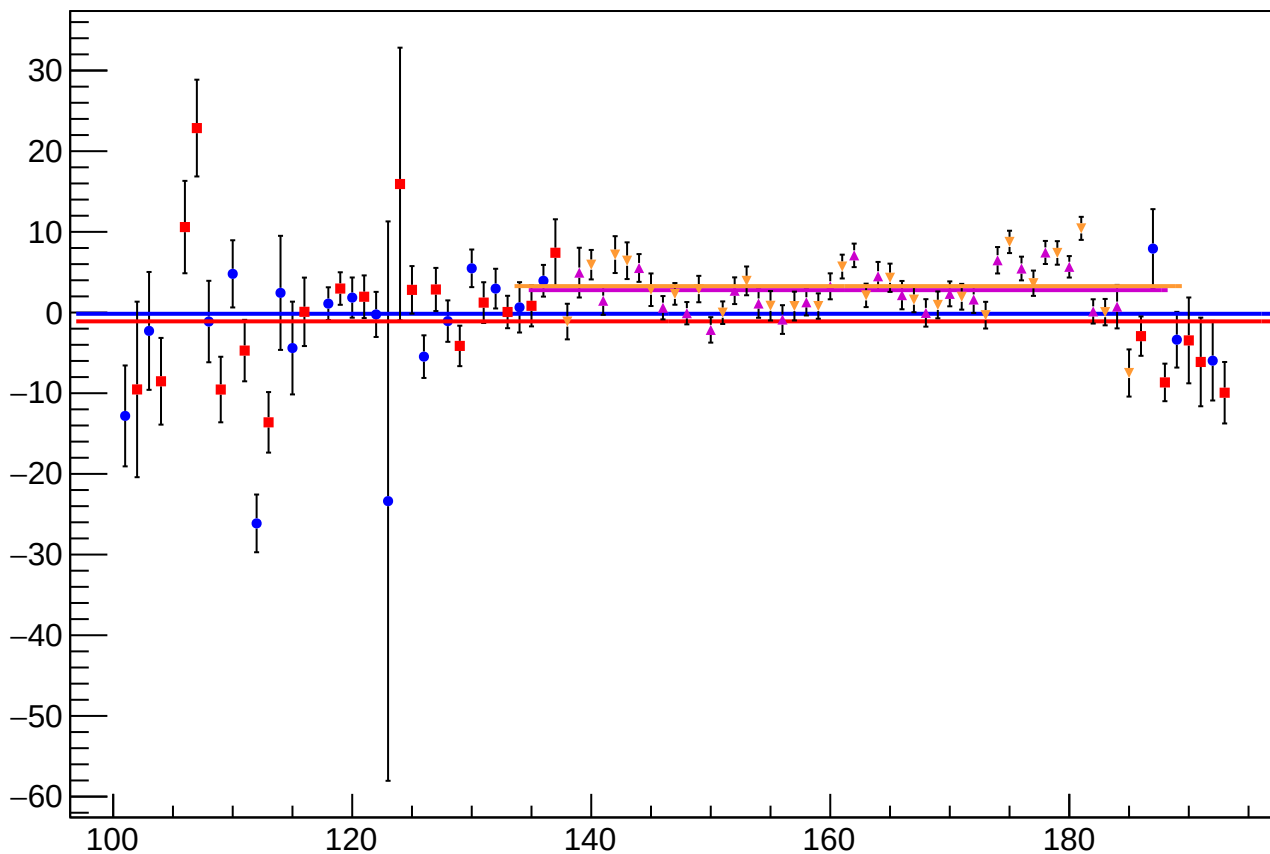
Left In: 27.725 ± 0.377 χ^2/NDF : 805.1/22

+ sign 22.280 ± 0.341 χ^2/NDF : 3525.1/44

All: 20.468 ± 0.231 χ^2/NDF : 8546.7/90

- sign 18.933 ± 0.314 χ^2/NDF : 4969.5/45

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.154 ± 0.712 χ^2/NDF : 81.5/19

Left Out: 3.275 ± 0.332 χ^2/NDF : 101.8/24

Right Out: -1.094 ± 0.664 χ^2/NDF : 74.4/22

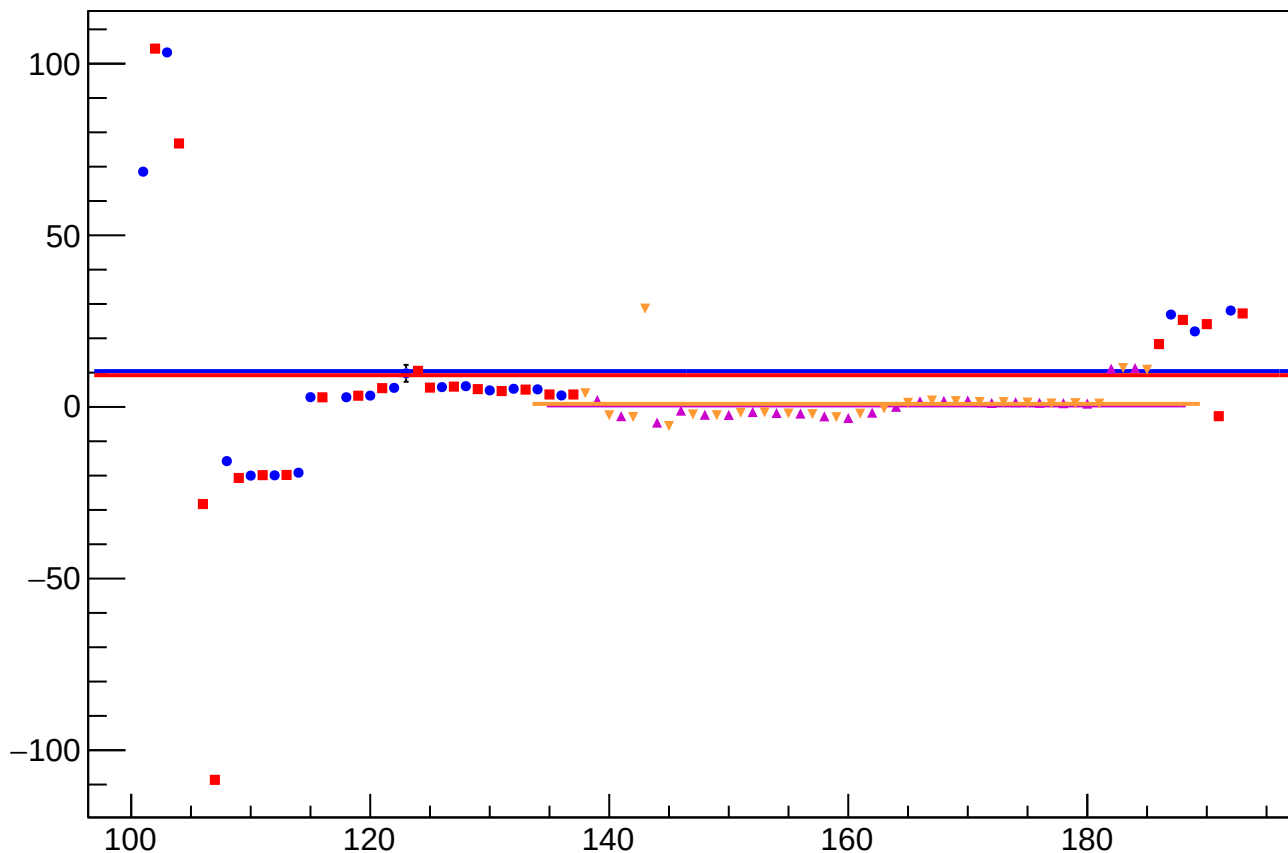
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.662 ± 0.301 χ^2/NDF : 202.4/44

All: 2.319 ± 0.213 χ^2/NDF : 372.9/90

- sign 1.971 ± 0.303 χ^2/NDF : 167.9/45

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 10.441 ± 0.040 $\chi^2/\text{NDF}: 383564.7/19$

Left Out: 0.898 ± 0.015 $\chi^2/\text{NDF}: 108195.0/24$

Right Out: 9.247 ± 0.037 $\chi^2/\text{NDF}: 581583.0/22$

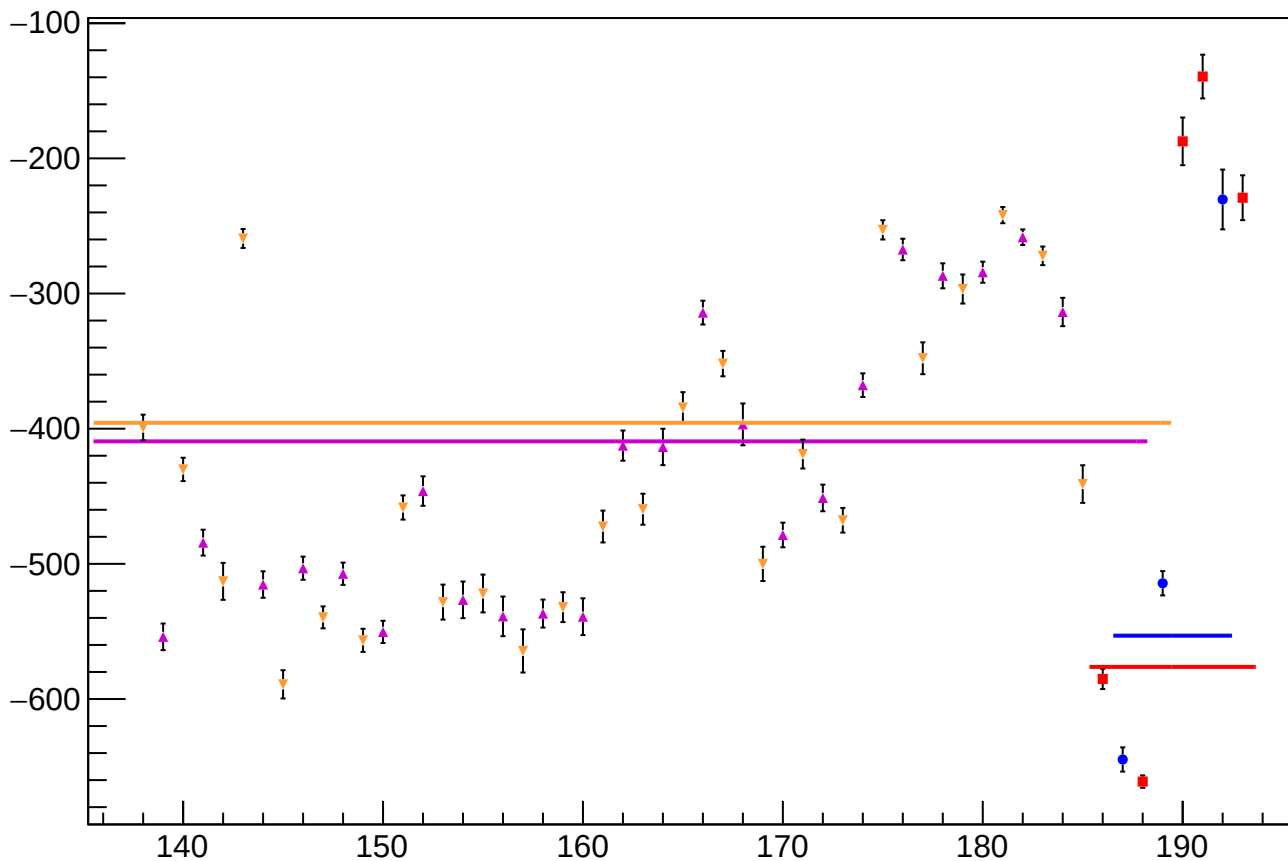
Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

+ sign 2.079 ± 0.014 $\chi^2/\text{NDF}: 540457.6/44$

All: 1.919 ± 0.010 $\chi^2/\text{NDF}: 1221777.4/90$

- sign 1.760 ± 0.014 $\chi^2/\text{NDF}: 681067.8/45$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -553.136 $\pm$ 6.098 χ^2 /NDF: 335.7/2

Left Out: -395.638 $\pm$ 1.909 χ^2 /NDF:3704.0/24

Right Out: -576.237 $\pm$ 3.631 χ^2 /NDF: 1995.0/4

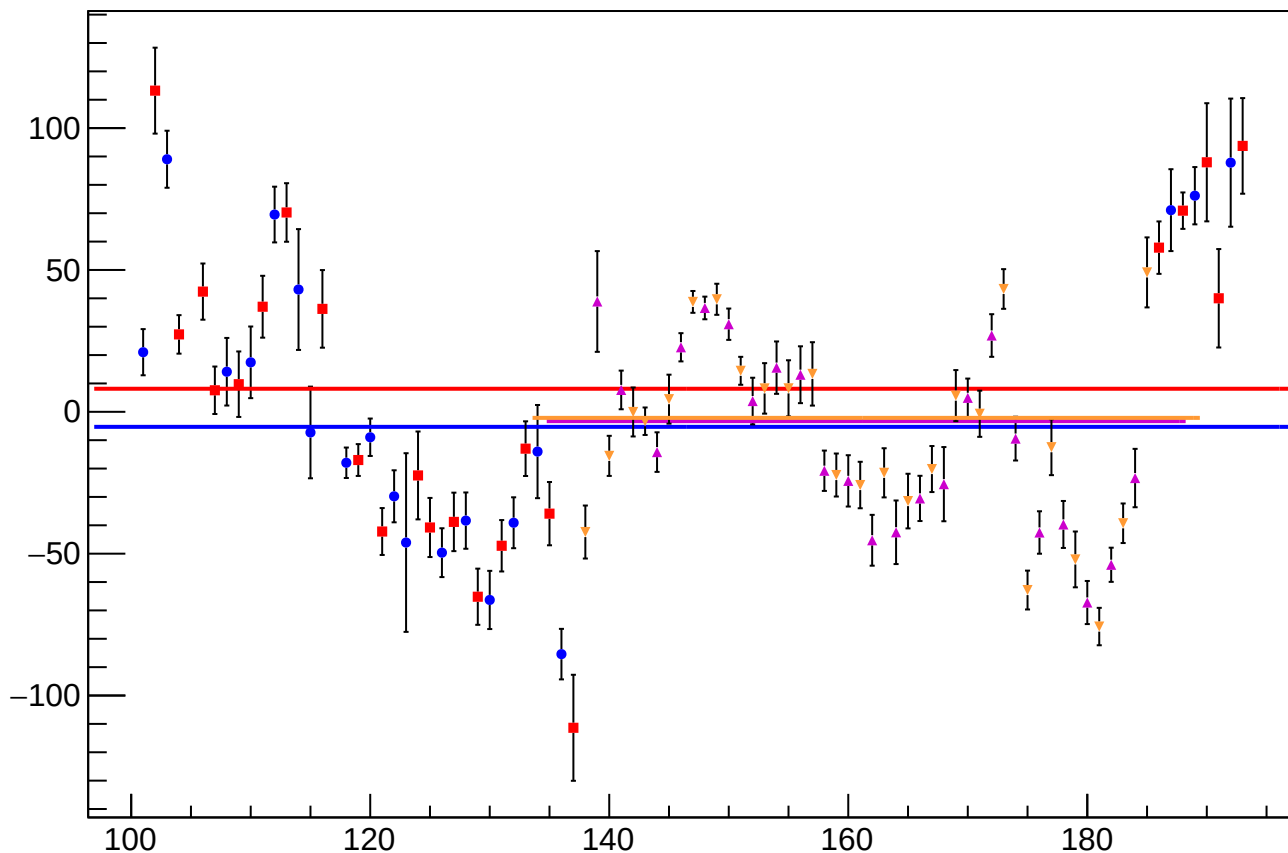
Left In: -409.377 $\pm$ 1.971 χ^2 /NDF:3096.1/22

+ sign -409.696 $\pm$ 1.822 χ^2 /NDF: 4647.3/27

All: -429.475 $\pm$ 1.255 χ^2 /NDF: 11593.8/55

- sign -447.362 $\pm$ 1.732 χ^2 /NDF: 6722.0/27

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -5.298 ± 2.215 $\chi^2/\text{NDF}: 460.9/19$

Left Out: -2.133 ± 1.435 $\chi^2/\text{NDF}: 562.8/24$

Right Out: 8.131 ± 2.043 $\chi^2/\text{NDF}: 541.2/22$

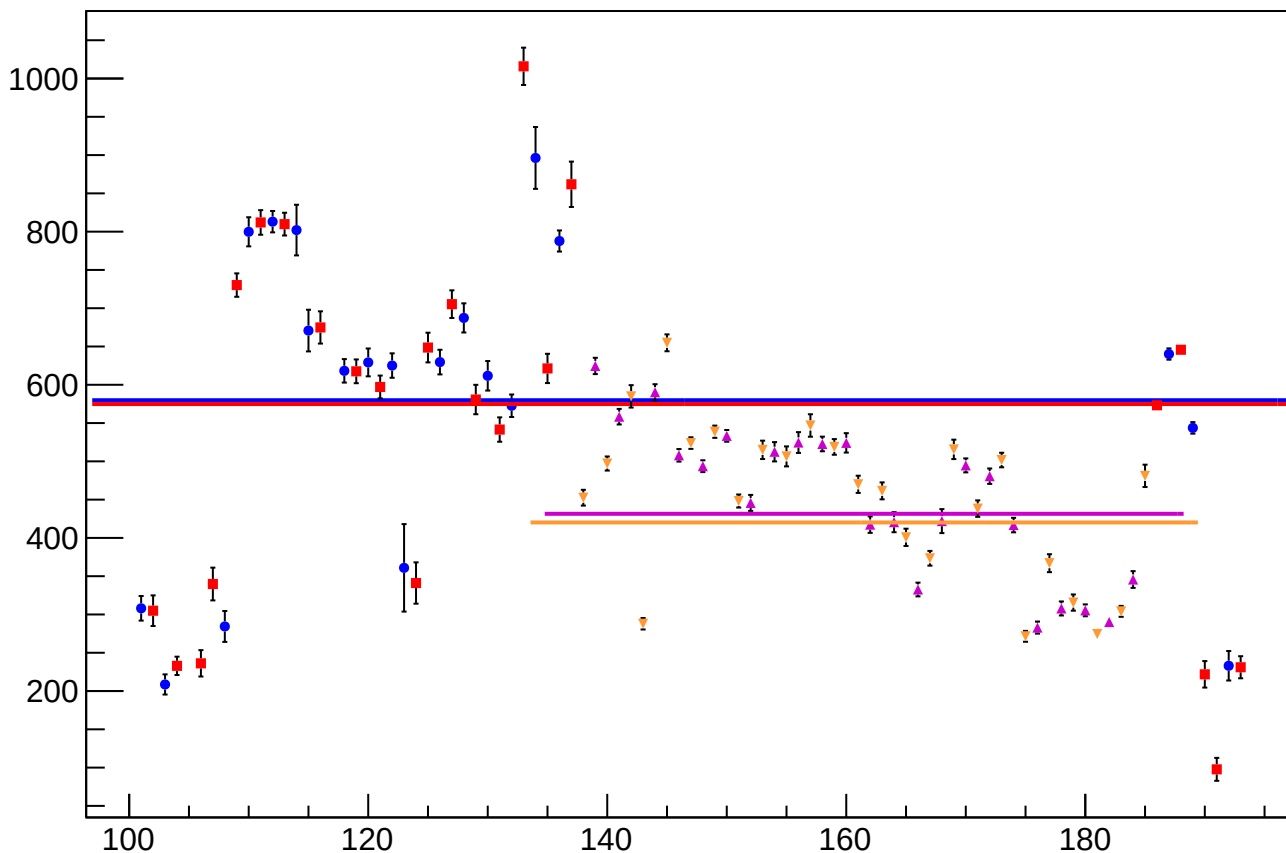
Left In: -3.290 ± 1.517 $\chi^2/\text{NDF}: 454.5/22$

+ sign -3.069 ± 1.204 $\chi^2/\text{NDF}: 1025.1/44$

All: -1.172 ± 0.856 $\chi^2/\text{NDF}: 2046.0/90$

- sign 0.768 ± 1.218 $\chi^2/\text{NDF}: 1015.9/45$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 579.827 $\pm$ 3.290 χ^2 /NDF: 2548.6/19

Left Out: 420.181 $\pm$ 1.916 χ^2 /NDF:3241.0/24

Right Out: 574.836 $\pm$ 2.412 χ^2 /NDF: 5049.3/22

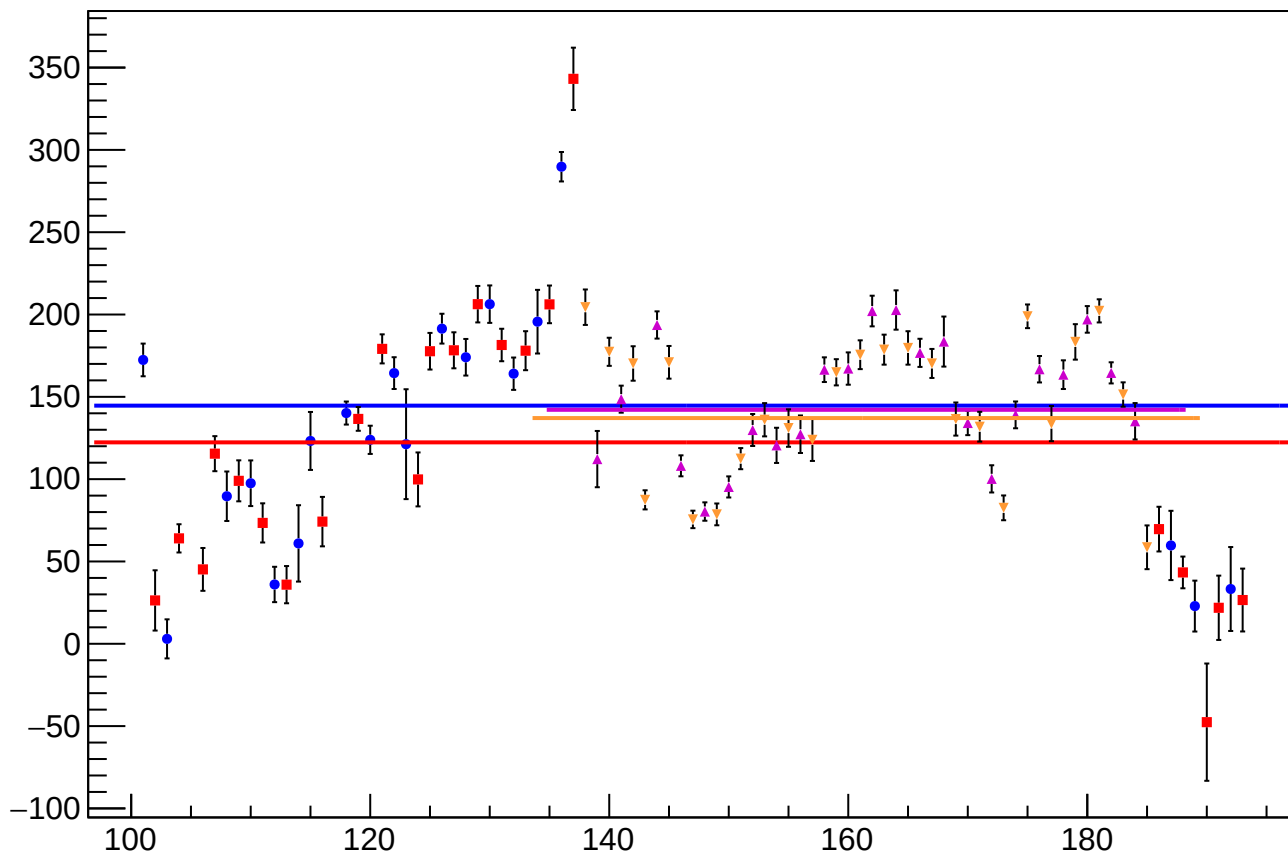
Left In: 431.487 $\pm$ 1.964 χ^2 /NDF:2897.1/22

+ sign 460.597 $\pm$ 1.655 χ^2 /NDF: 7547.9/44

All: 475.783 $\pm$ 1.121 χ^2 /NDF: 17773.5/90

- sign 488.635 $\pm$ 1.523 χ^2 /NDF: 10070.3/45

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 144.651 ± 2.601 χ^2/NDF : 737.7/19

Left Out: 137.107 ± 1.663 χ^2/NDF : 738.9/24

Right Out: 122.344 ± 2.442 χ^2/NDF : 758.4/22

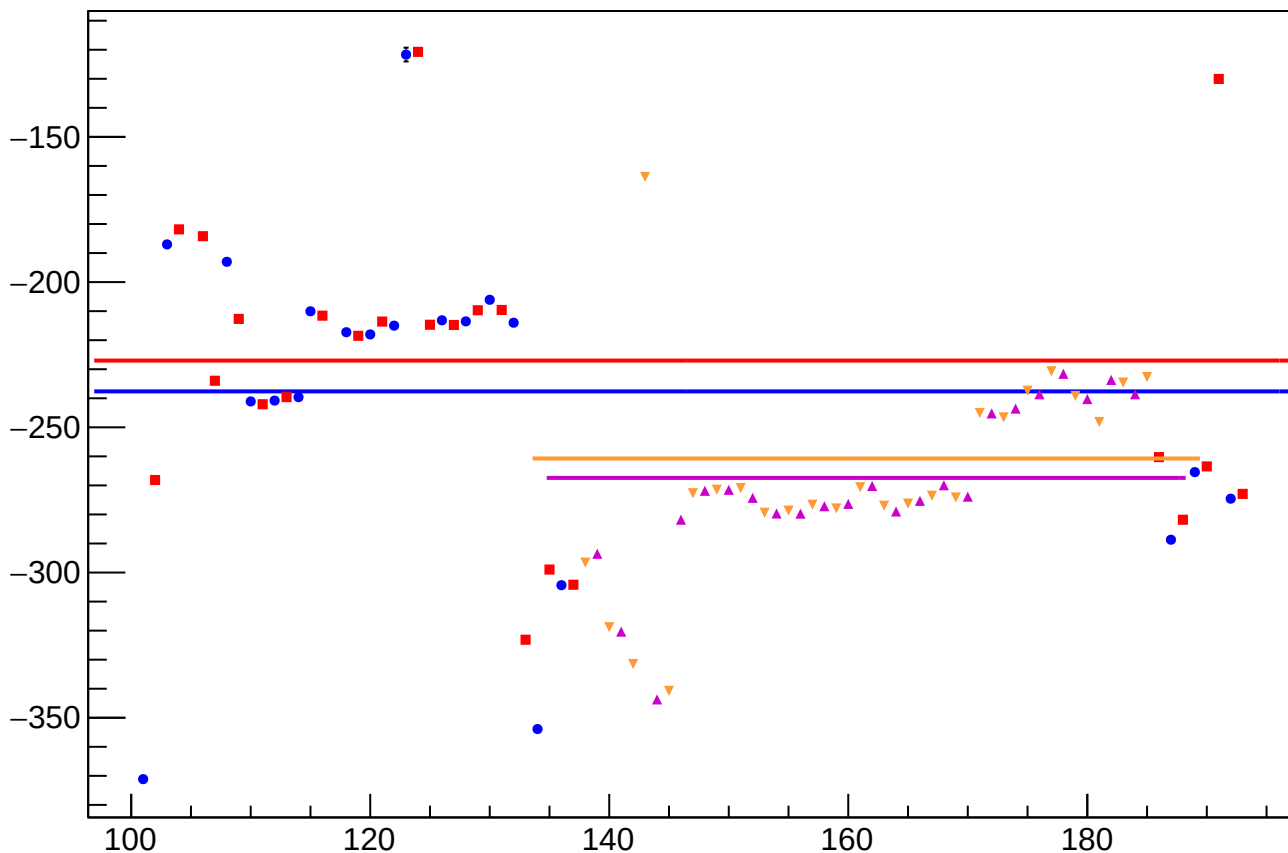
Left In: 142.123 ± 1.740 χ^2/NDF : 463.8/22

+ sign 139.296 ± 1.401 χ^2/NDF : 1482.5/44

All: 137.402 ± 0.996 χ^2/NDF : 2751.9/90

- sign 135.463 ± 1.417 χ^2/NDF : 1265.7/45

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -237.629 ± 0.142 $\chi^2/\text{NDF}: 151173.4/19$

Left Out: -260.729 ± 0.080 $\chi^2/\text{NDF}: 220125.6/24$

Right Out: -227.013 ± 0.127 $\chi^2/\text{NDF}: 145761.0/22$

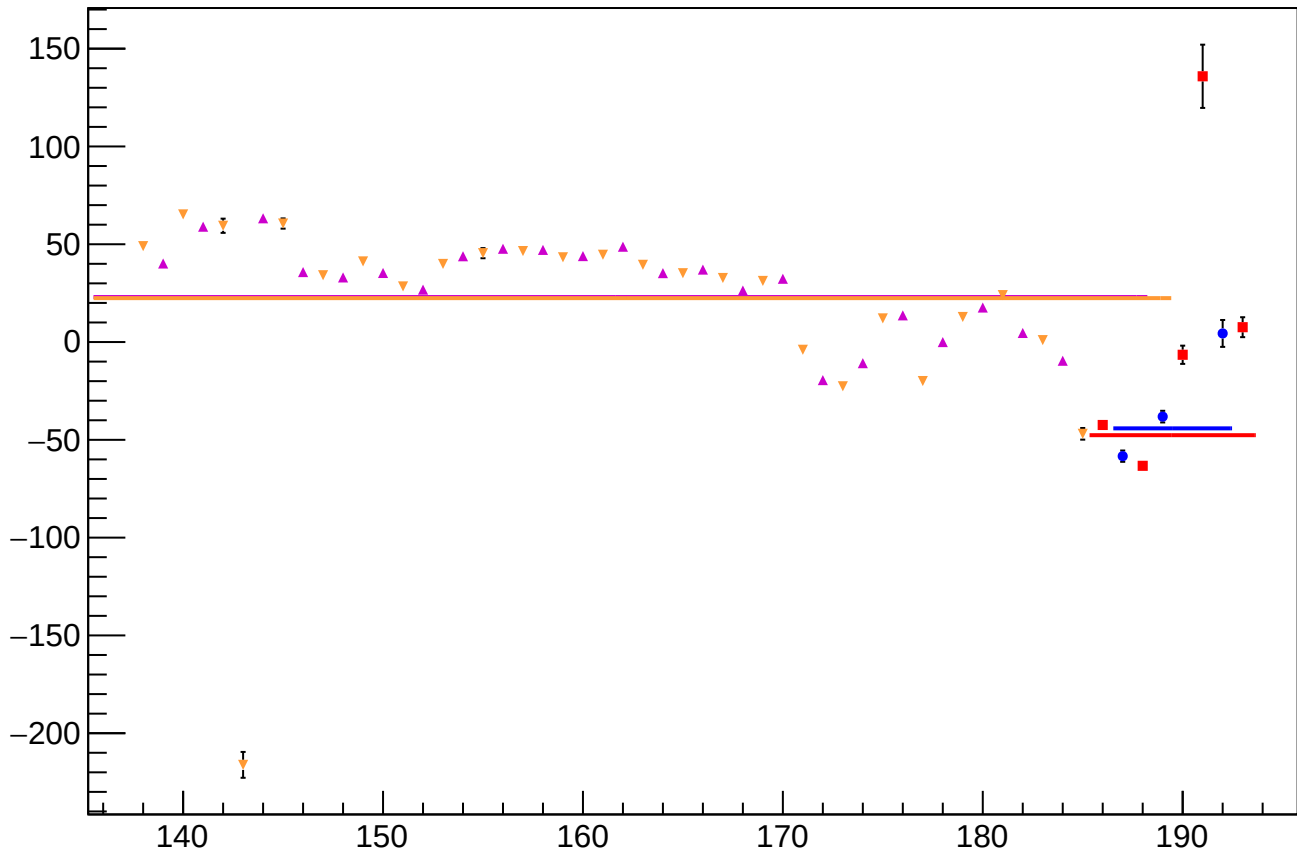
Left In: -267.416 ± 0.081 $\chi^2/\text{NDF}: 98892.0/22$

+ sign -255.199 ± 0.069 $\chi^2/\text{NDF}: 391488.4/44$

All: -255.456 ± 0.049 $\chi^2/\text{NDF}: 707672.8/90$

- sign -255.706 ± 0.069 $\chi^2/\text{NDF}: 316157.4/45$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -44.135 ± 1.986 $\chi^2/\text{NDF}: 78.1/2$

Left Out: 22.446 ± 0.399 $\chi^2/\text{NDF}: 4935.8/24$

Right Out: -47.623 ± 1.100 $\chi^2/\text{NDF}: 433.6/4$

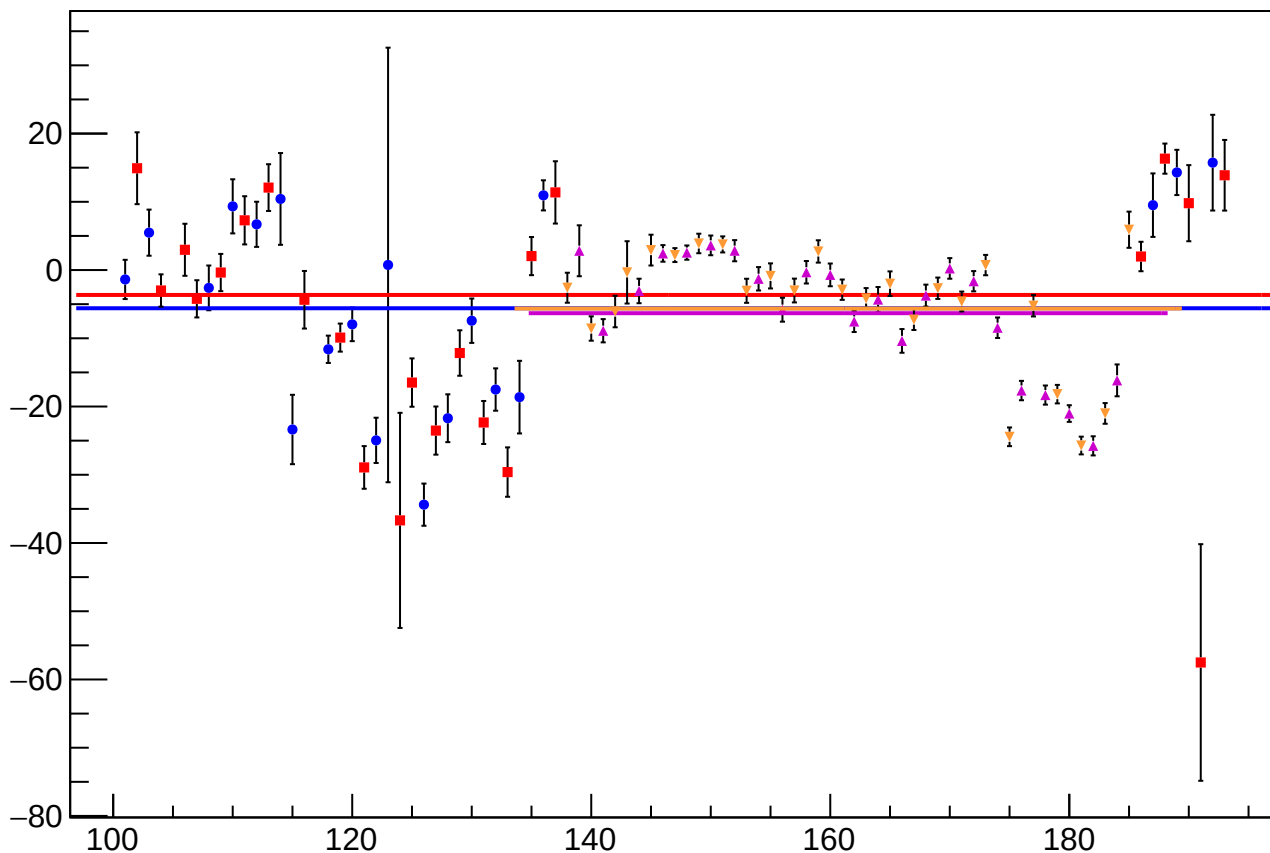
Left In: 23.019 ± 0.400 $\chi^2/\text{NDF}: 2819.9/22$

+ sign 19.864 ± 0.391 $\chi^2/\text{NDF}: 6094.7/27$

All: 17.216 ± 0.271 $\chi^2/\text{NDF}: 13082.2/55$

- sign 14.771 ± 0.376 $\chi^2/\text{NDF}: 6899.3/27$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -5.599 $\pm$ 0.744 χ^2/NDF : 344.6/19

Left Out: -5.639 $\pm$ 0.316 χ^2/NDF : 891.5/24

Right Out: -3.648 $\pm$ 0.672 χ^2/NDF : 395.3/22

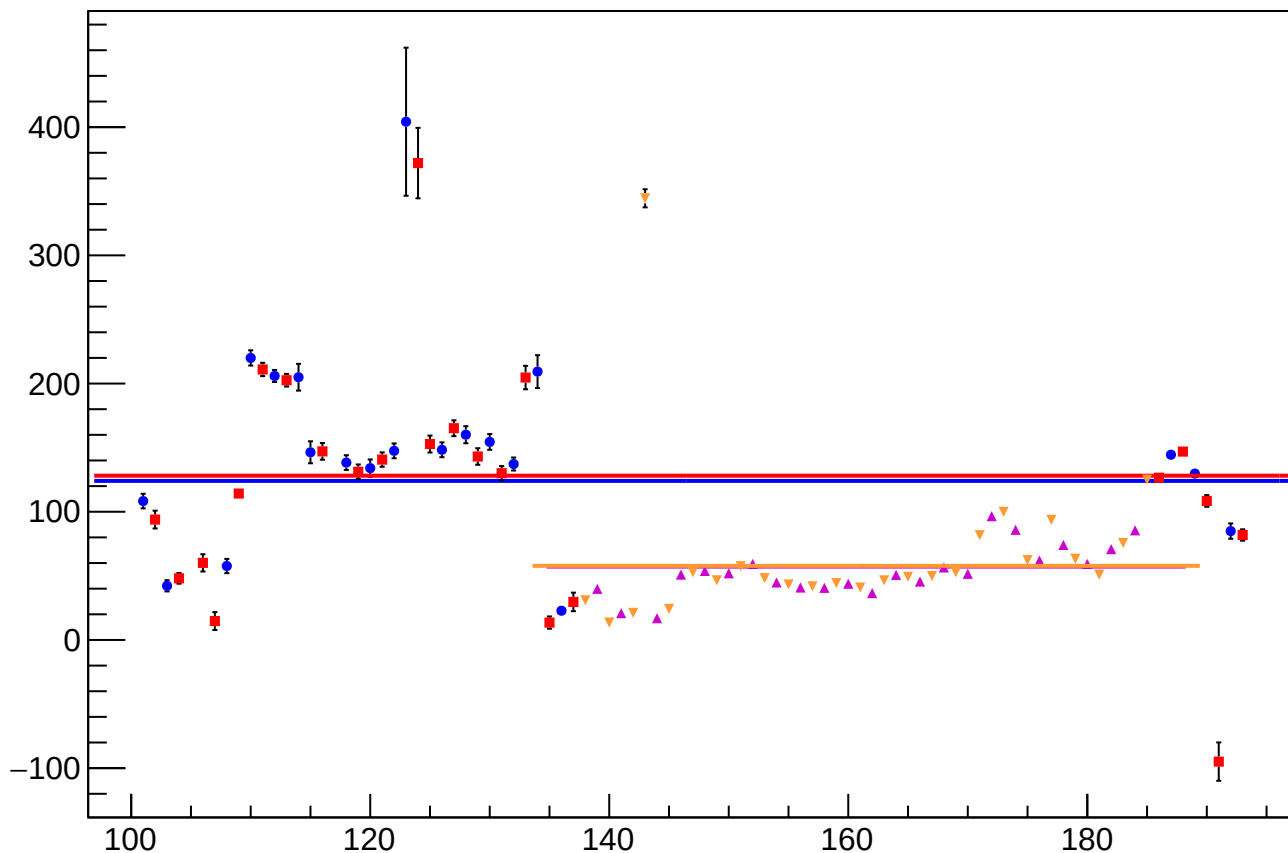
Left In: -6.323 $\pm$ 0.320 χ^2/NDF : 784.4/22

+ sign -5.632 $\pm$ 0.291 χ^2/NDF : 1236.2/44

All: -5.731 $\pm$ 0.205 χ^2/NDF : 2429.0/90

- sign -5.829 $\pm$ 0.289 χ^2/NDF : 1192.6/45

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 124.074 +/- 1.075 χ^2/NDF : 2306.2/19

Left Out: 57.816 +/- 0.398 χ^2/NDF : 4331.5/24

Right Out: 128.140 +/- 0.749 χ^2/NDF : 2809.0/22

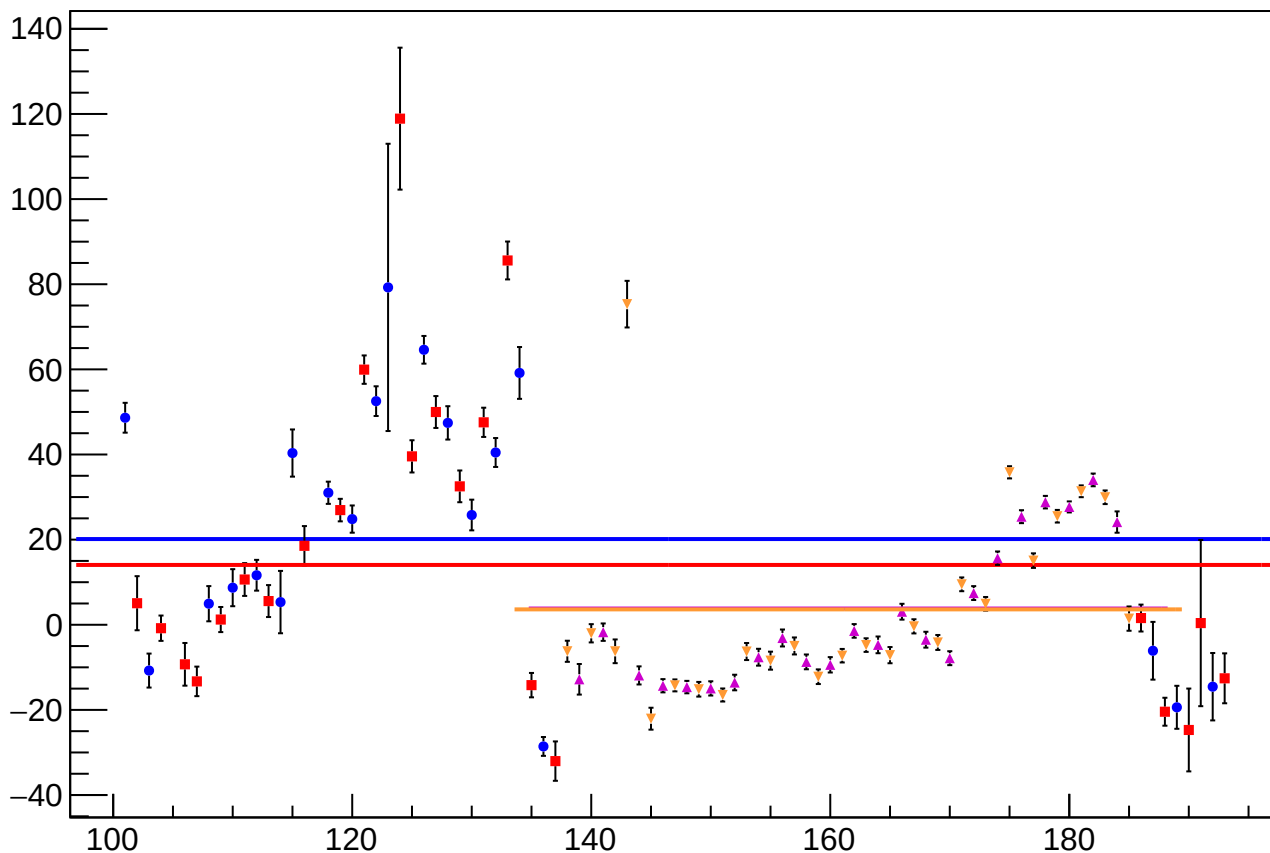
Left In: 57.226 +/- 0.398 χ^2/NDF : 1860.6/22

+ sign 65.800 +/- 0.373 χ^2/NDF : 9976.9/44

All: 69.538 +/- 0.256 χ^2/NDF : 21829.5/90

- sign 72.854 +/- 0.351 χ^2/NDF : 11663.3/45

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 20.136 ± 0.863 $\chi^2/\text{NDF}: 1172.5/19$

Left Out: 3.615 ± 0.357 $\chi^2/\text{NDF}: 2501.2/24$

Right Out: 14.055 ± 0.803 $\chi^2/\text{NDF}: 1264.1/22$

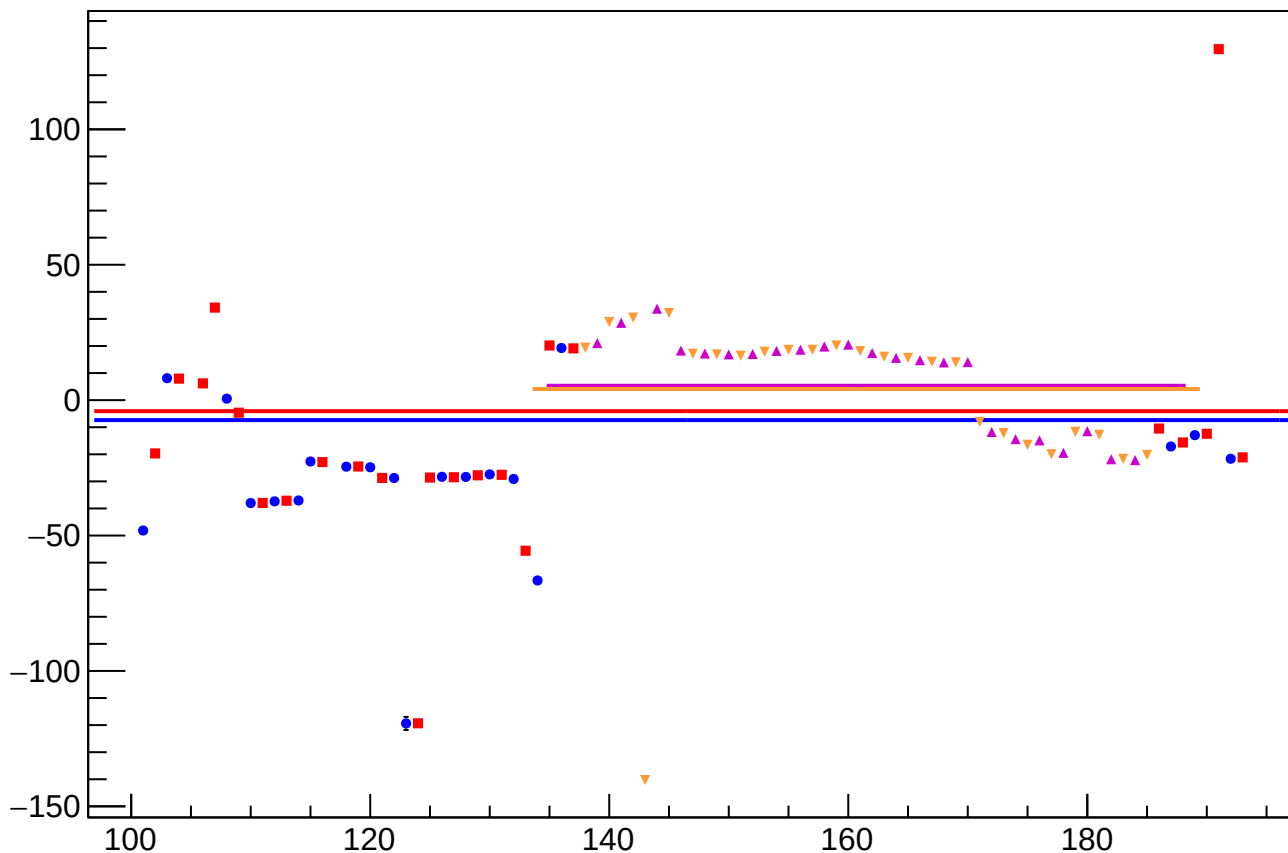
Left In: 3.812 ± 0.361 $\chi^2/\text{NDF}: 2203.5/22$

+ sign 6.025 ± 0.330 $\chi^2/\text{NDF}: 3986.5/44$

All: 5.777 ± 0.233 $\chi^2/\text{NDF}: 7590.5/90$

- sign 5.530 ± 0.329 $\chi^2/\text{NDF}: 3602.8/45$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -7.367 ± 0.044 $\chi^2/\text{NDF}: 270752.4/19$

Left Out: 4.121 ± 0.016 $\chi^2/\text{NDF}: 1340176.5/24$

Right Out: -4.058 ± 0.042 $\chi^2/\text{NDF}: 342440.8/22$

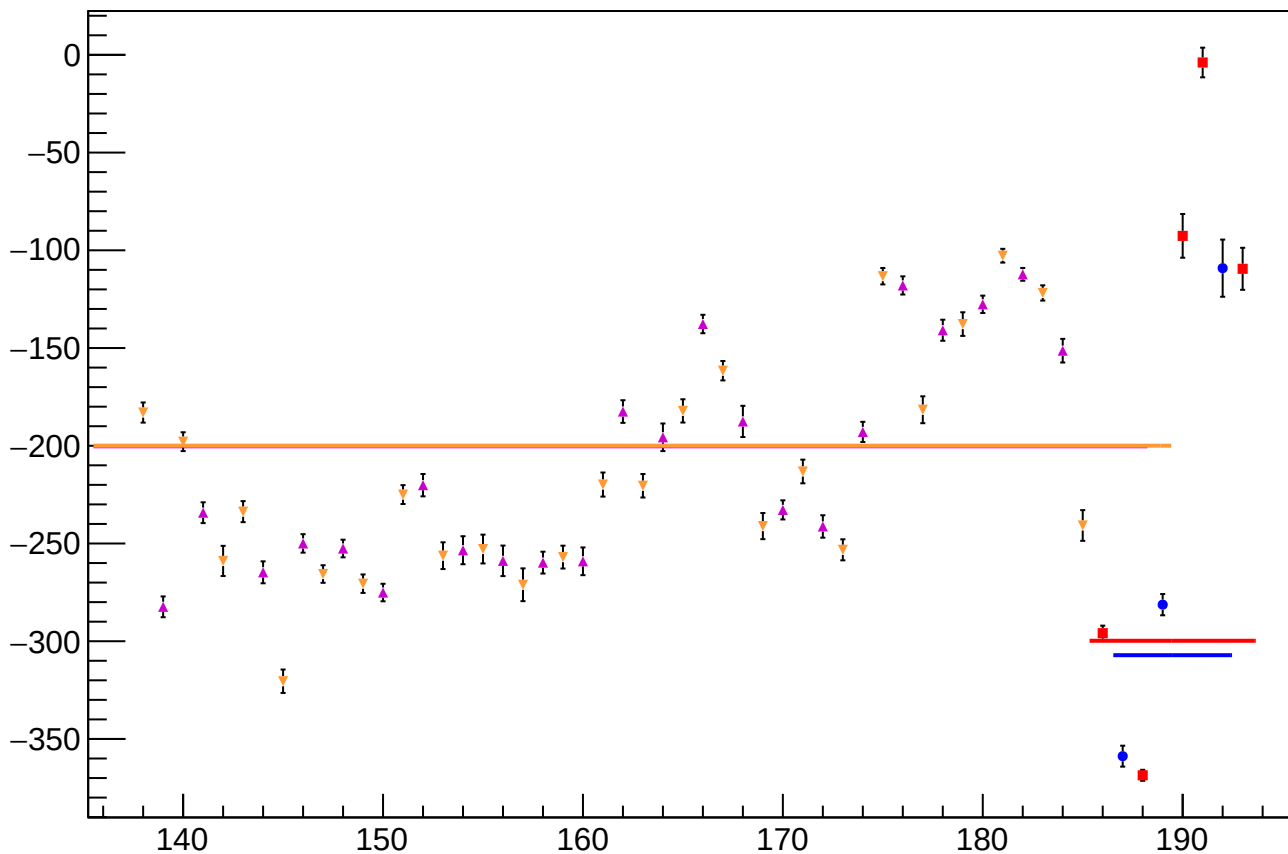
Left In: 5.305 ± 0.016 $\chi^2/\text{NDF}: 1089610.2/22$

+ sign 2.731 ± 0.015 $\chi^2/\text{NDF}: 1670532.3/44$

All: 3.396 ± 0.011 $\chi^2/\text{NDF}: 3150252.5/90$

- sign 4.050 ± 0.015 $\chi^2/\text{NDF}: 1475993.6/45$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -307.147 ± 3.692 $\chi^2/\text{NDF}: 299.1/2$

Left Out: -199.957 ± 1.082 $\chi^2/\text{NDF}: 3220.5/24$

Right Out: -299.761 ± 2.095 $\chi^2/\text{NDF}: 2777.1/4$

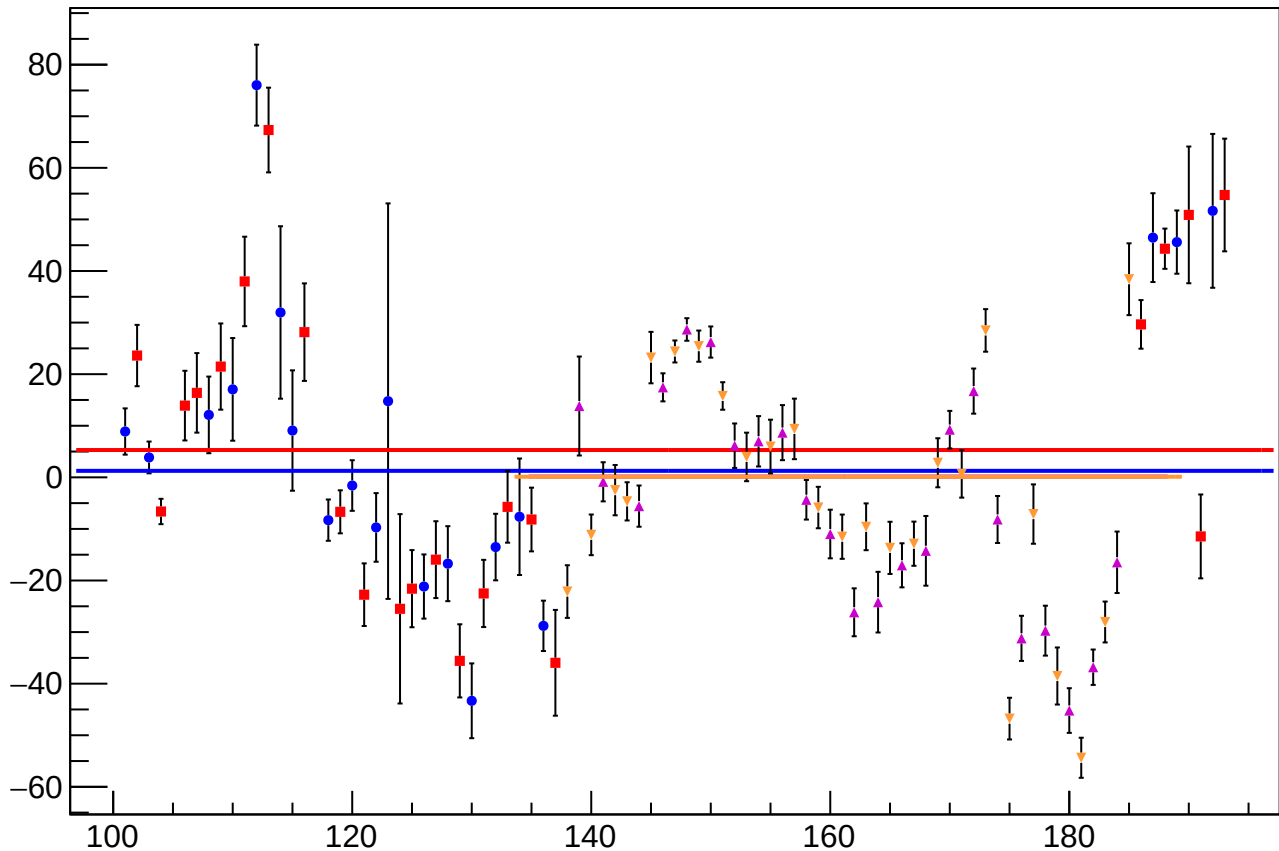
Left In: -200.276 ± 1.093 $\chi^2/\text{NDF}: 3013.8/22$

+ sign -208.428 ± 1.038 $\chi^2/\text{NDF}: 4295.9/27$

All: -215.446 ± 0.708 $\chi^2/\text{NDF}: 11944.0/55$

- sign -221.566 ± 0.969 $\chi^2/\text{NDF}: 7562.6/27$

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 1.260 ± 1.387 $\chi^2/\text{NDF}: 303.8/19$

Left Out: 0.116 ± 0.810 $\chi^2/\text{NDF}: 830.1/24$

Right Out: 5.294 ± 1.241 $\chi^2/\text{NDF}: 409.4/22$

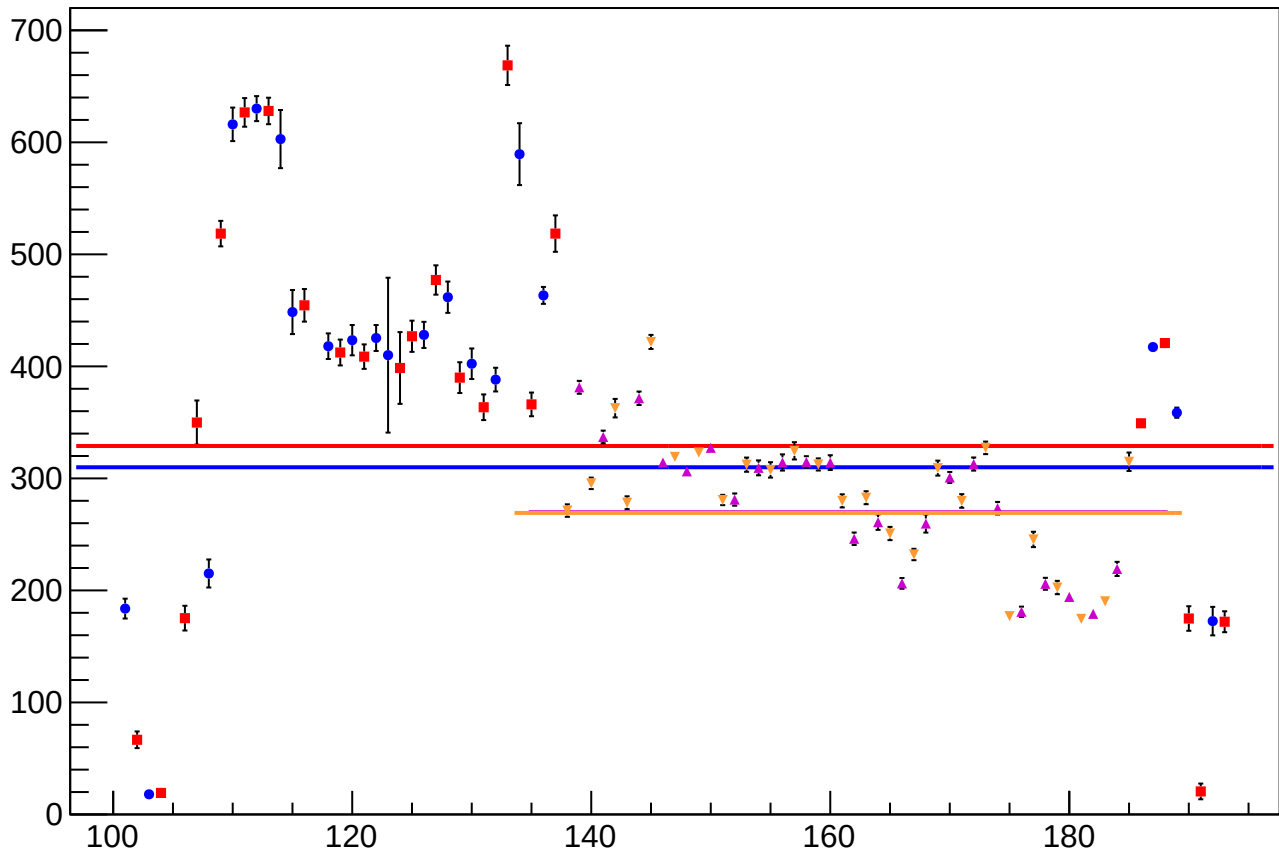
Left In: 0.153 ± 0.836 $\chi^2/\text{NDF}: 719.6/22$

+ sign 0.407 ± 0.700 $\chi^2/\text{NDF}: 1134.4/44$

All: 1.089 ± 0.493 $\chi^2/\text{NDF}: 2277.0/90$

- sign 1.759 ± 0.693 $\chi^2/\text{NDF}: 1140.8/45$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 309.934 ± 1.927 $\chi^2/\text{NDF}: 8795.1/19$

Left Out: 269.181 ± 1.081 $\chi^2/\text{NDF}: 3148.5/24$

Right Out: 328.935 ± 1.405 $\chi^2/\text{NDF}: 12992.9/22$

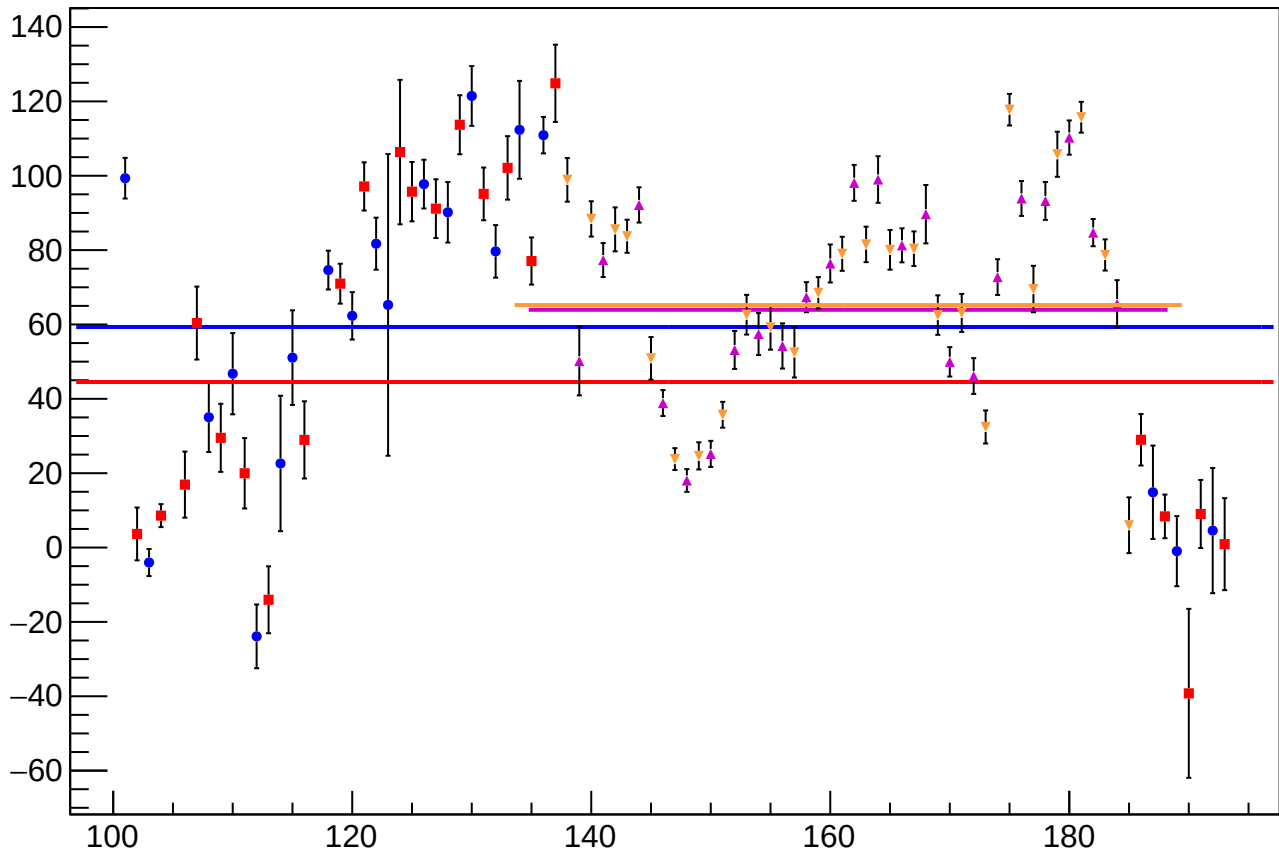
Left In: 269.798 ± 1.087 $\chi^2/\text{NDF}: 3234.9/22$

+ sign 278.933 ± 0.943 $\chi^2/\text{NDF}: 12283.8/44$

All: 286.029 ± 0.635 $\chi^2/\text{NDF}: 29723.1/90$

- sign 291.933 ± 0.860 $\chi^2/\text{NDF}: 17335.6/45$

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 59.319 $\pm$ 1.630 χ^2/NDF : 790.1/19

Left Out: 65.214 $\pm$ 0.938 χ^2/NDF : 1005.7/24

Right Out: 44.531 $\pm$ 1.509 χ^2/NDF : 753.8/22

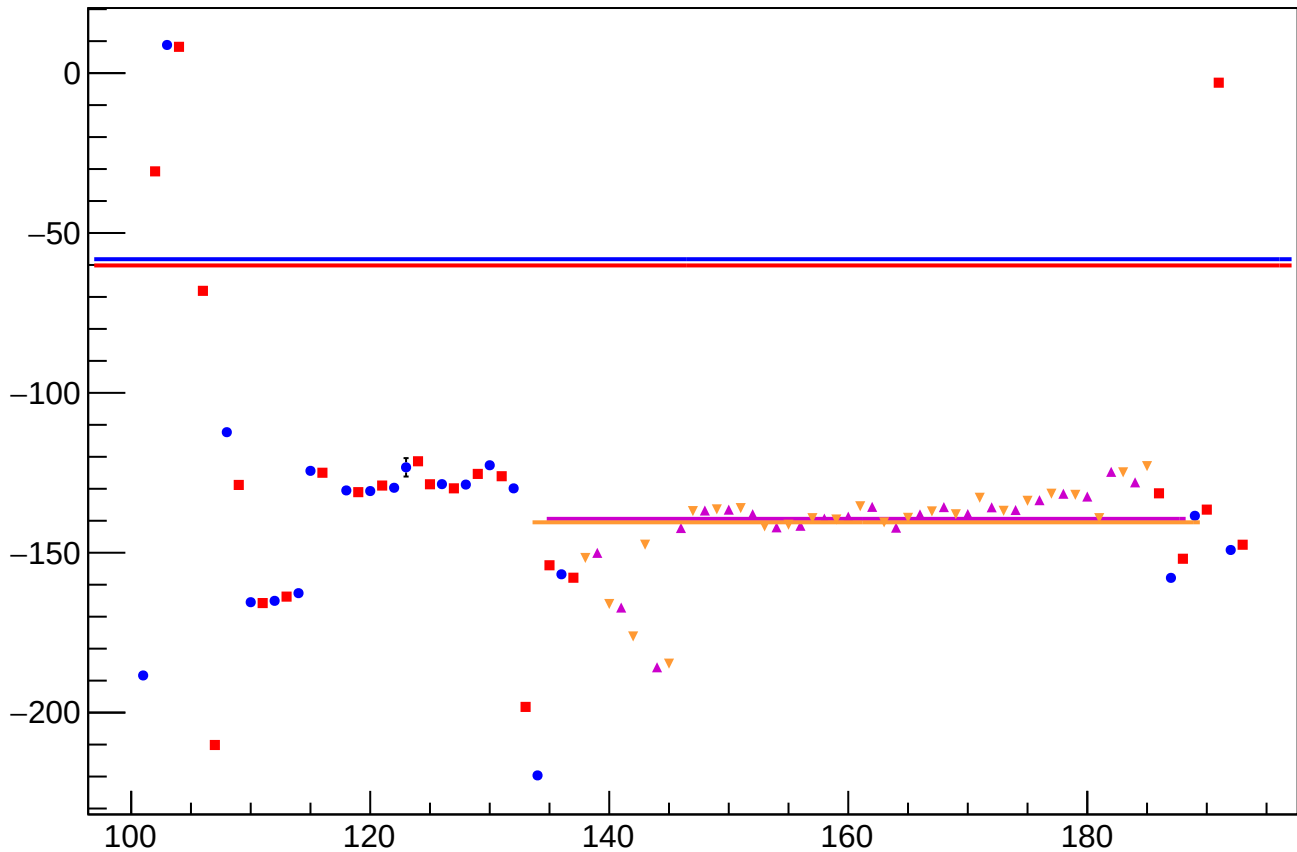
Left In: 63.944 $\pm$ 0.961 χ^2/NDF : 803.4/22

+ sign 63.748 $\pm$ 0.813 χ^2/NDF : 1805.6/44

All: 61.036 $\pm$ 0.574 χ^2/NDF : 3502.8/90

- sign 58.344 $\pm$ 0.810 χ^2/NDF : 1675.0/45

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -58.199 ± 0.068 $\chi^2/\text{NDF}: 1317102.0/19$

Left Out: -140.489 ± 0.045 $\chi^2/\text{NDF}: 77350.7/24$

Right Out: -60.152 ± 0.066 $\chi^2/\text{NDF}: 1178395.5/22$

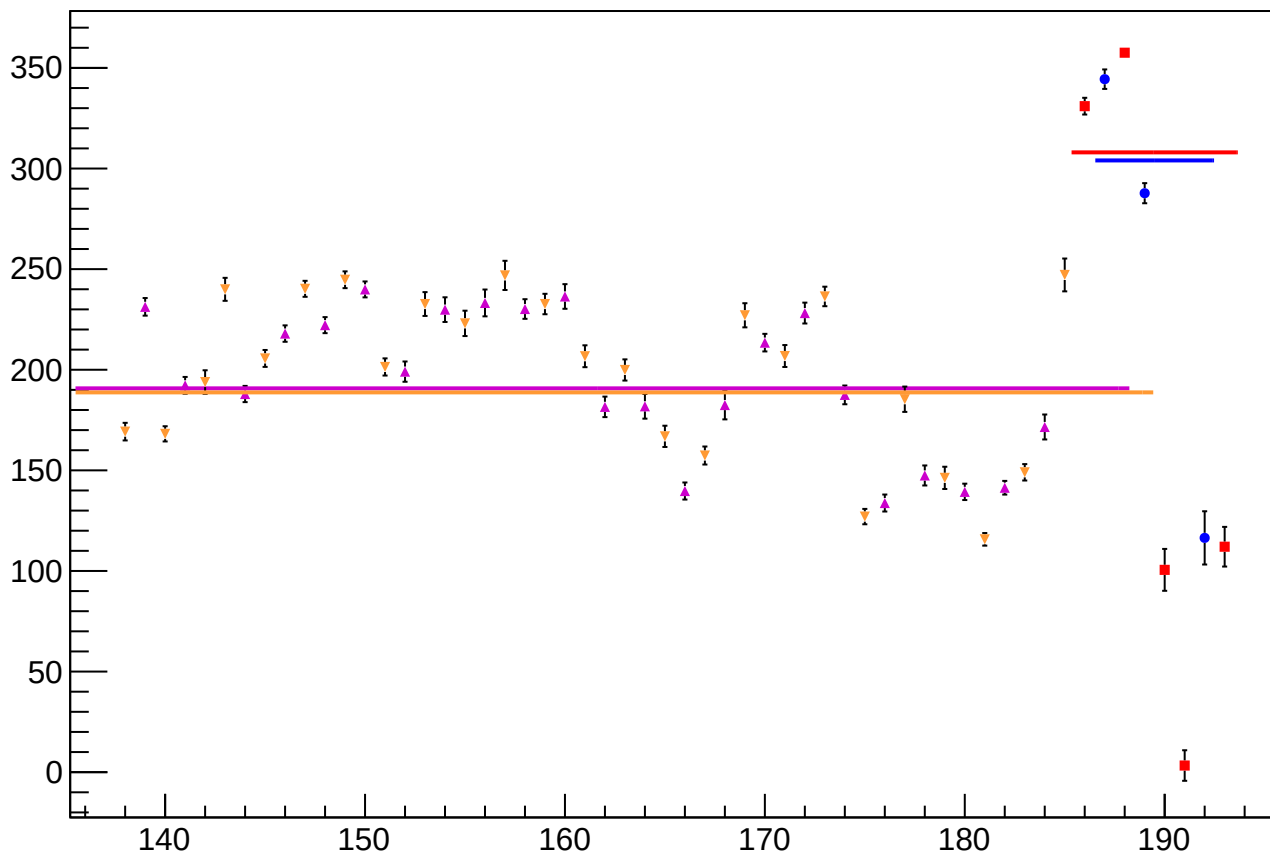
Left In: -139.406 ± 0.045 $\chi^2/\text{NDF}: 62878.4/22$

+ sign -115.910 ± 0.037 $\chi^2/\text{NDF}: 2407104.5/44$

All: -115.088 ± 0.026 $\chi^2/\text{NDF}: 4639758.8/90$

- sign -114.283 ± 0.037 $\chi^2/\text{NDF}: 2231700.1/45$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 304.026 ± 3.362 χ^2/NDF : 281.2/2

Left Out: 188.749 ± 0.958 χ^2/NDF : 1968.6/24

Right Out: 308.031 ± 1.984 χ^2/NDF : 2825.9/4

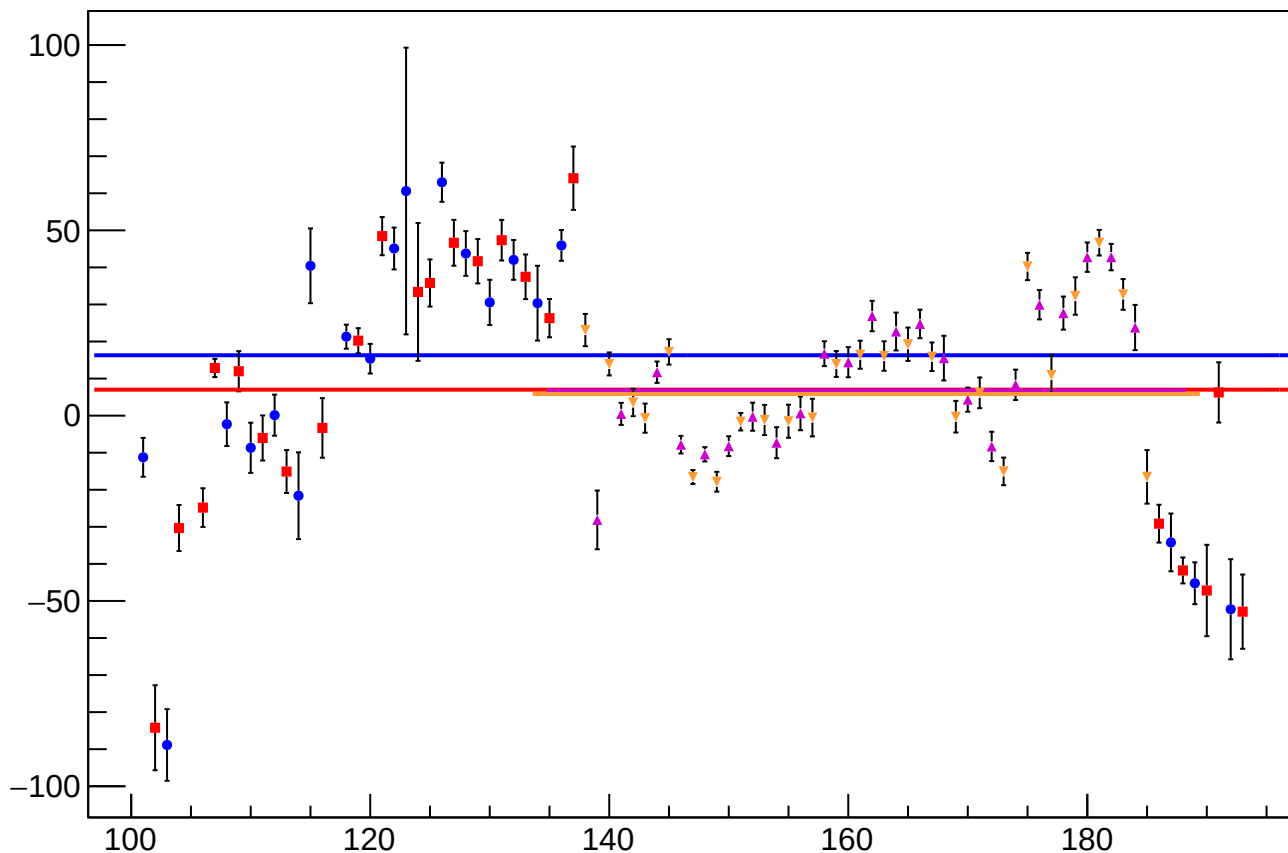
Left In: 190.753 ± 0.971 χ^2/NDF : 1421.8/22

+ sign 197.407 ± 0.921 χ^2/NDF : 3337.1/27

All: 205.853 ± 0.633 χ^2/NDF : 10563.8/55

- sign 213.420 ± 0.872 χ^2/NDF : 7067.4/27

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 16.297 $\pm$ 1.309 χ^2 /NDF: 590.8/19

Left Out: 5.851 $\pm$ 0.714 χ^2 /NDF: 650.6/24

Right Out: 7.012 $\pm$ 1.110 χ^2 /NDF: 778.8/22

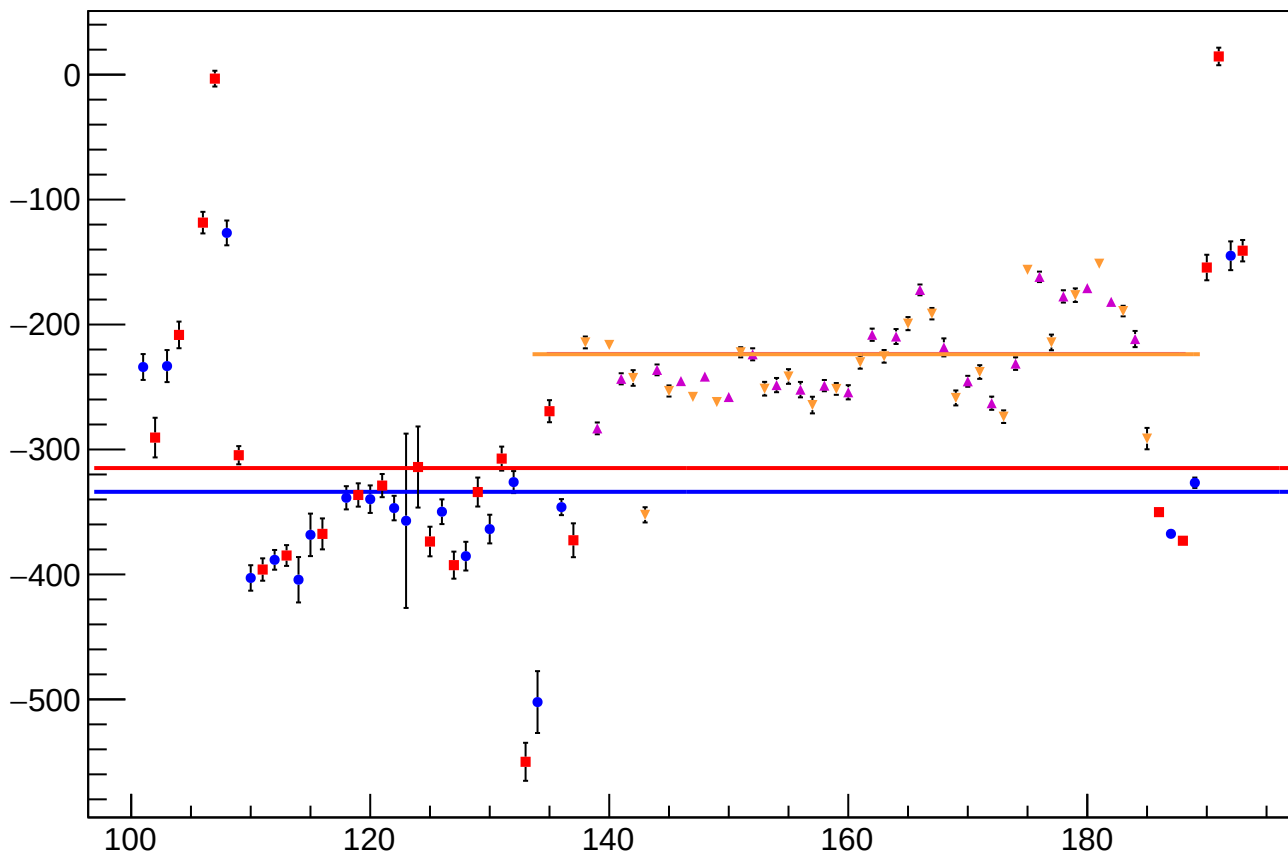
Left In: 6.797 $\pm$ 0.735 χ^2 /NDF: 525.8/22

+ sign 8.247 $\pm$ 0.627 χ^2 /NDF: 1290.5/44

All: 7.539 $\pm$ 0.438 χ^2 /NDF: 2597.6/90

- sign 6.863 $\pm$ 0.613 χ^2 /NDF: 1304.7/45

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -333.885 ± 1.886 χ^2/NDF : 1129.1/19

Left Out: -223.752 ± 0.958 χ^2/NDF : 2021.5/24

Right Out: -314.868 ± 1.329 χ^2/NDF : 7405.1/22

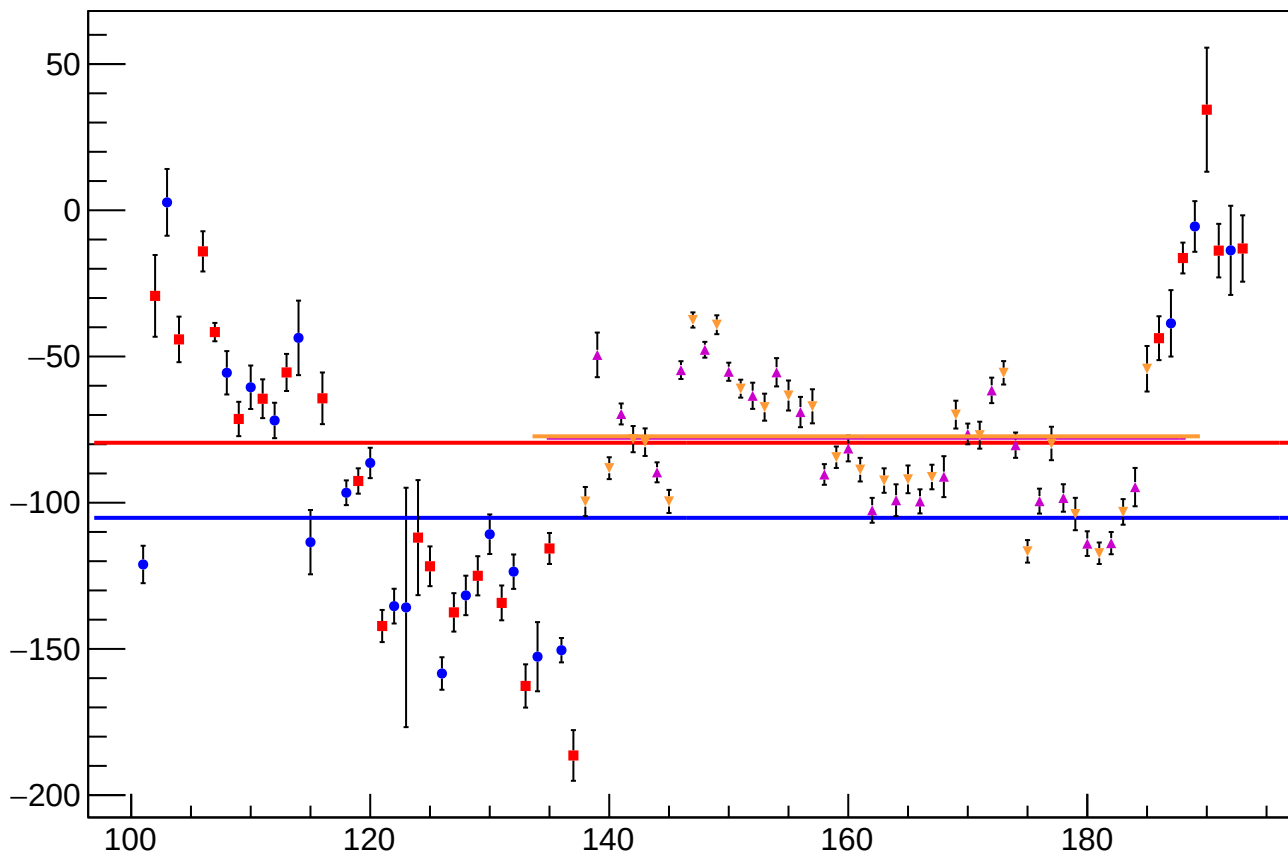
Left In: -223.554 ± 0.966 χ^2/NDF : 1286.5/22

+ sign -246.334 ± 0.854 χ^2/NDF : 5860.7/44

All: -251.100 ± 0.576 χ^2/NDF : 17697.9/90

- sign -255.088 ± 0.781 χ^2/NDF : 11780.0/45

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -105.176 ± 1.530 χ^2/NDF : 728.6/19

Left Out: -77.296 ± 0.829 χ^2/NDF : 844.6/24

Right Out: -79.499 ± 1.335 χ^2/NDF : 1289.1/22

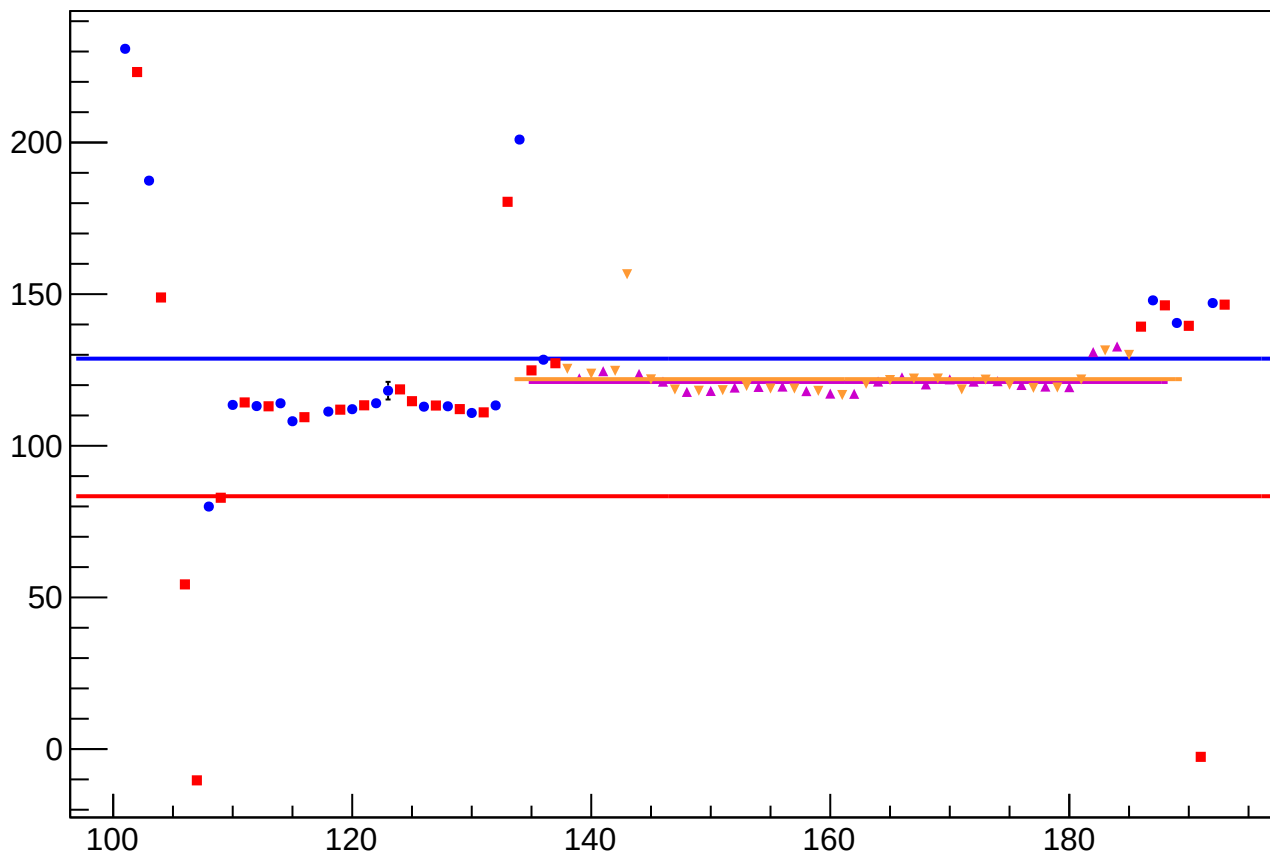
Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

+ sign -83.620 ± 0.729 χ^2/NDF : 1829.9/44

All: -80.895 ± 0.510 χ^2/NDF : 3772.1/90

- sign -78.271 ± 0.715 χ^2/NDF : 1914.8/45

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 128.734 $\pm$ 0.085 χ^2 /NDF: 191532.1/19

Left Out: 121.972 $\pm$ 0.039 χ^2 /NDF: 27431.1/24

Right Out: 83.370 $\pm$ 0.068 χ^2 /NDF: 967019.8/22

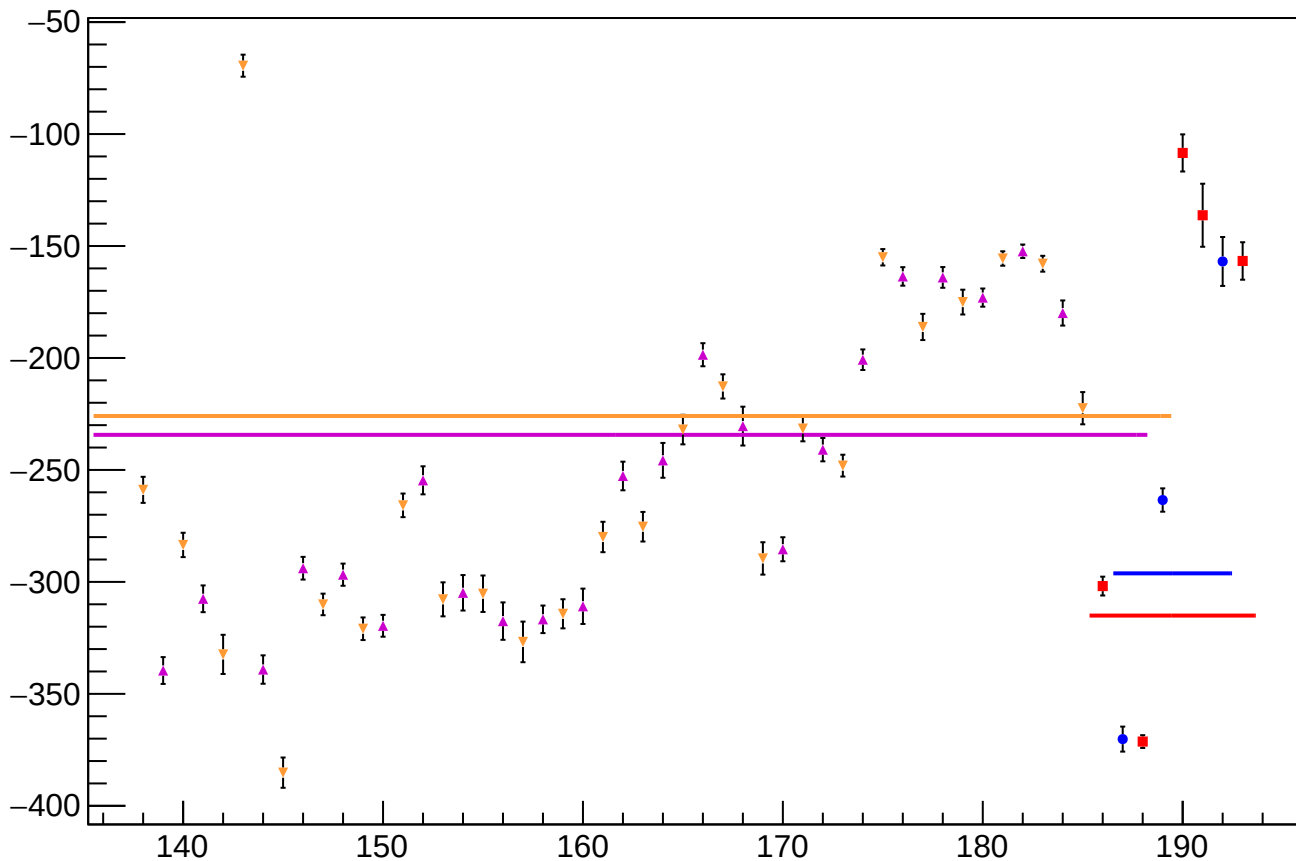
Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

+ sign 123.177 $\pm$ 0.036 χ^2 /NDF: 224183.4/44

All: 117.054 $\pm$ 0.025 χ^2 /NDF: 1485314.8/90

- sign 111.476 $\pm$ 0.034 χ^2 /NDF: 1205248.7/45

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -296.184 ± 3.596 χ^2/NDF : 377.8/2

Left Out: -225.905 ± 1.083 χ^2/NDF : 4669.2/24

Right Out: -315.041 ± 2.165 χ^2/NDF : 1539.4/4

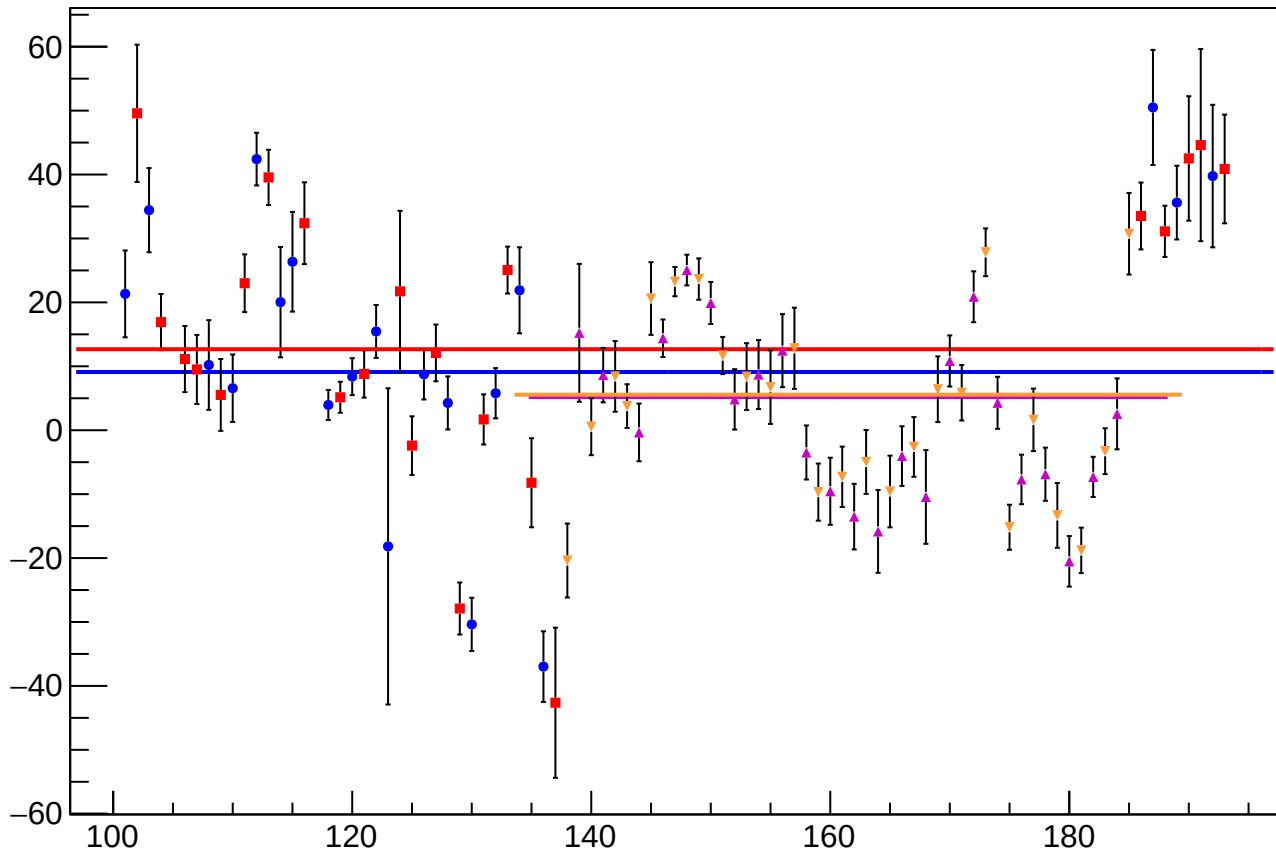
Left In: -234.328 ± 1.104 χ^2/NDF : 3591.9/22

+ sign -231.753 ± 1.037 χ^2/NDF : 5397.0/27

All: -241.884 ± 0.714 χ^2/NDF : 11812.5/55

- sign -250.993 ± 0.984 χ^2/NDF : 6234.4/27

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 9.109 ± 1.053 $\chi^2/\text{NDF}: 313.7/19$

Left Out: 5.558 ± 0.832 $\chi^2/\text{NDF}: 313.4/24$

Right Out: 12.671 ± 1.003 $\chi^2/\text{NDF}: 301.8/22$

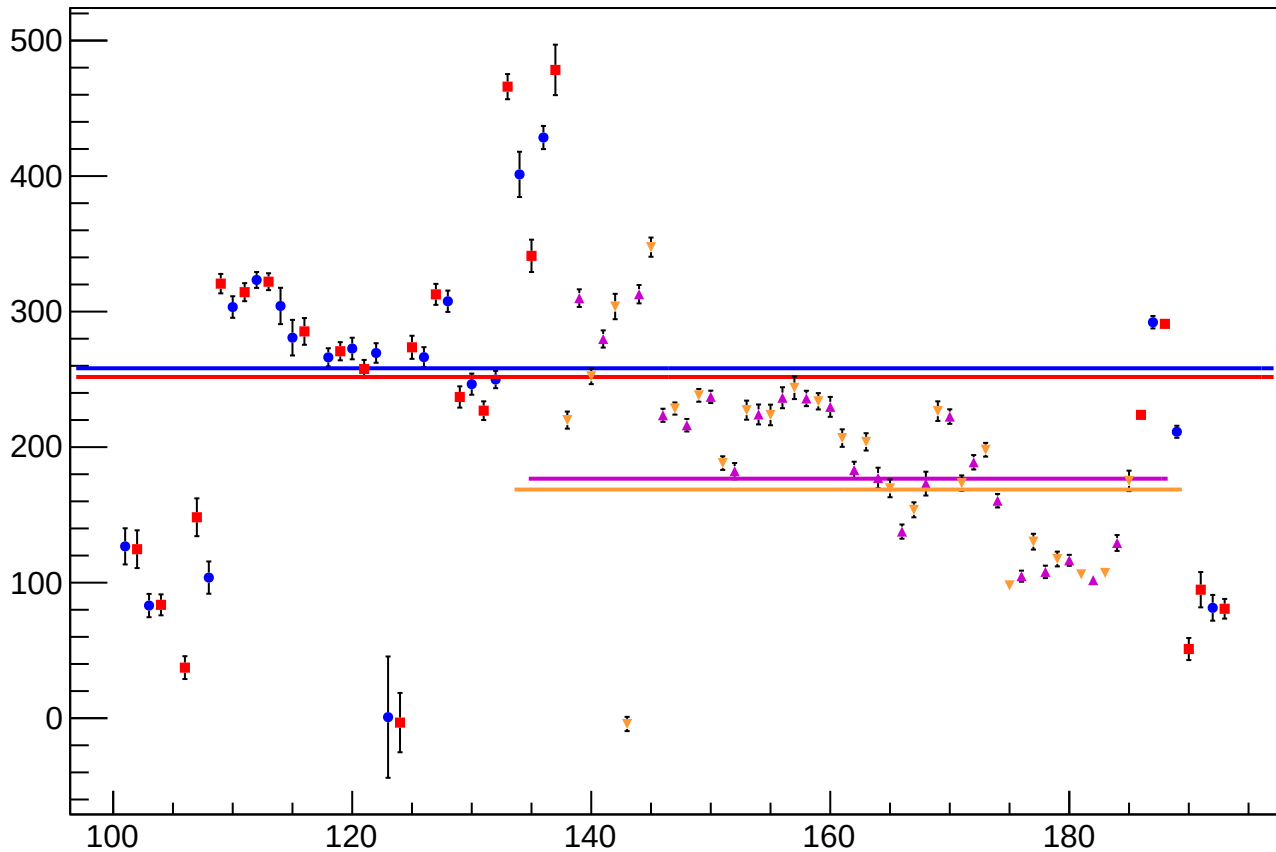
Left In: 5.186 ± 0.867 $\chi^2/\text{NDF}: 243.2/22$

+ sign 6.923 ± 0.653 $\chi^2/\text{NDF}: 634.1/44$

All: 7.650 ± 0.463 $\chi^2/\text{NDF}: 1213.5/90$

- sign 8.384 ± 0.656 $\chi^2/\text{NDF}: 576.8/45$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 258.186 $\pm$ 1.710 χ^2 /NDF: 1915.7/19

Left Out: 168.699 $\pm$ 1.086 χ^2 /NDF: 4238.2/24

Right Out: 251.763 $\pm$ 1.322 χ^2 /NDF: 4209.5/22

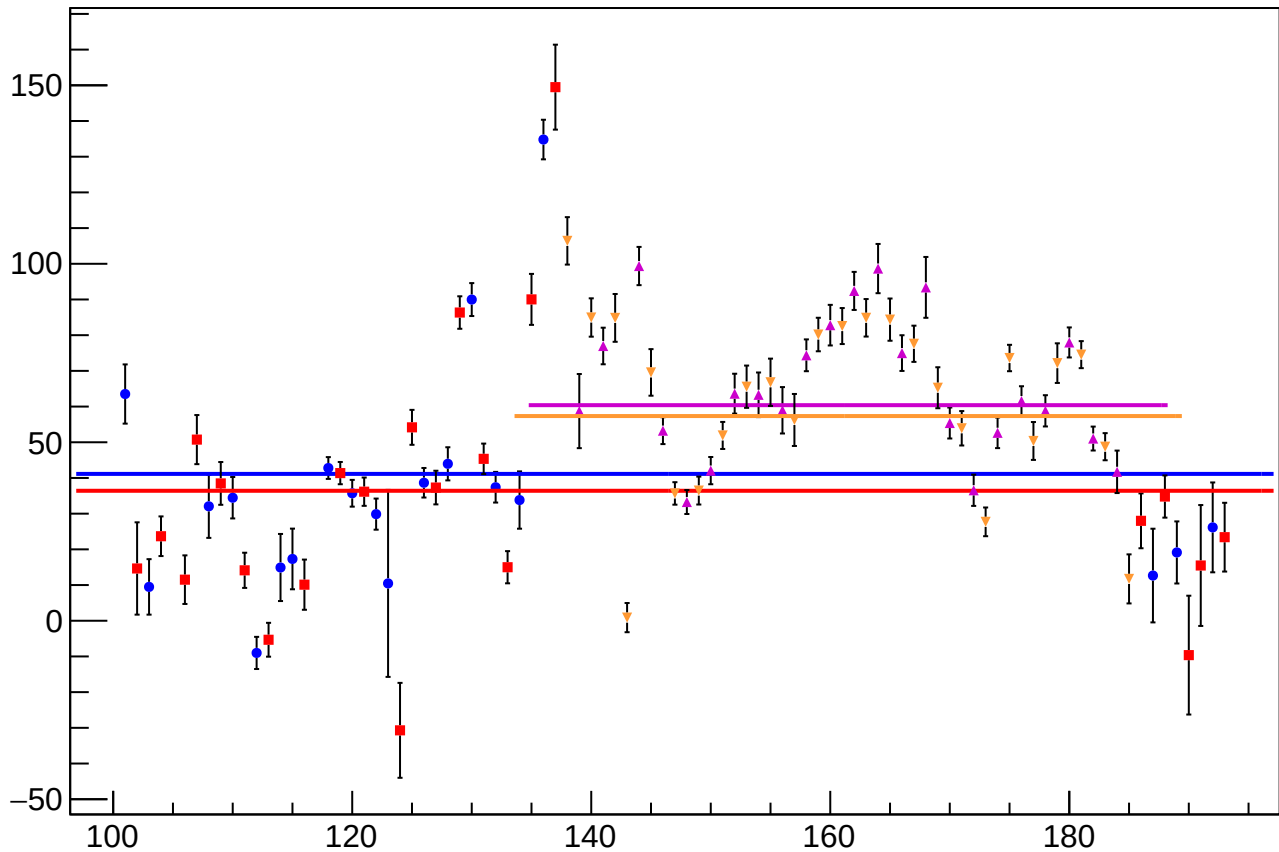
Left In: 176.711 $\pm$ 1.102 χ^2 /NDF: 3234.3/22

+ sign 194.425 $\pm$ 0.917 χ^2 /NDF: 8104.3/44

All: 201.476 $\pm$ 0.622 χ^2 /NDF: 17559.7/90

- sign 207.481 $\pm$ 0.846 χ^2 /NDF: 9345.9/45

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 41.138 $\pm$ 1.231 χ^2 /NDF: 588.6/19

Left Out: 57.343 $\pm$ 0.956 χ^2 /NDF: 641.5/24

Right Out: 36.411 $\pm$ 1.181 χ^2 /NDF: 485.4/22

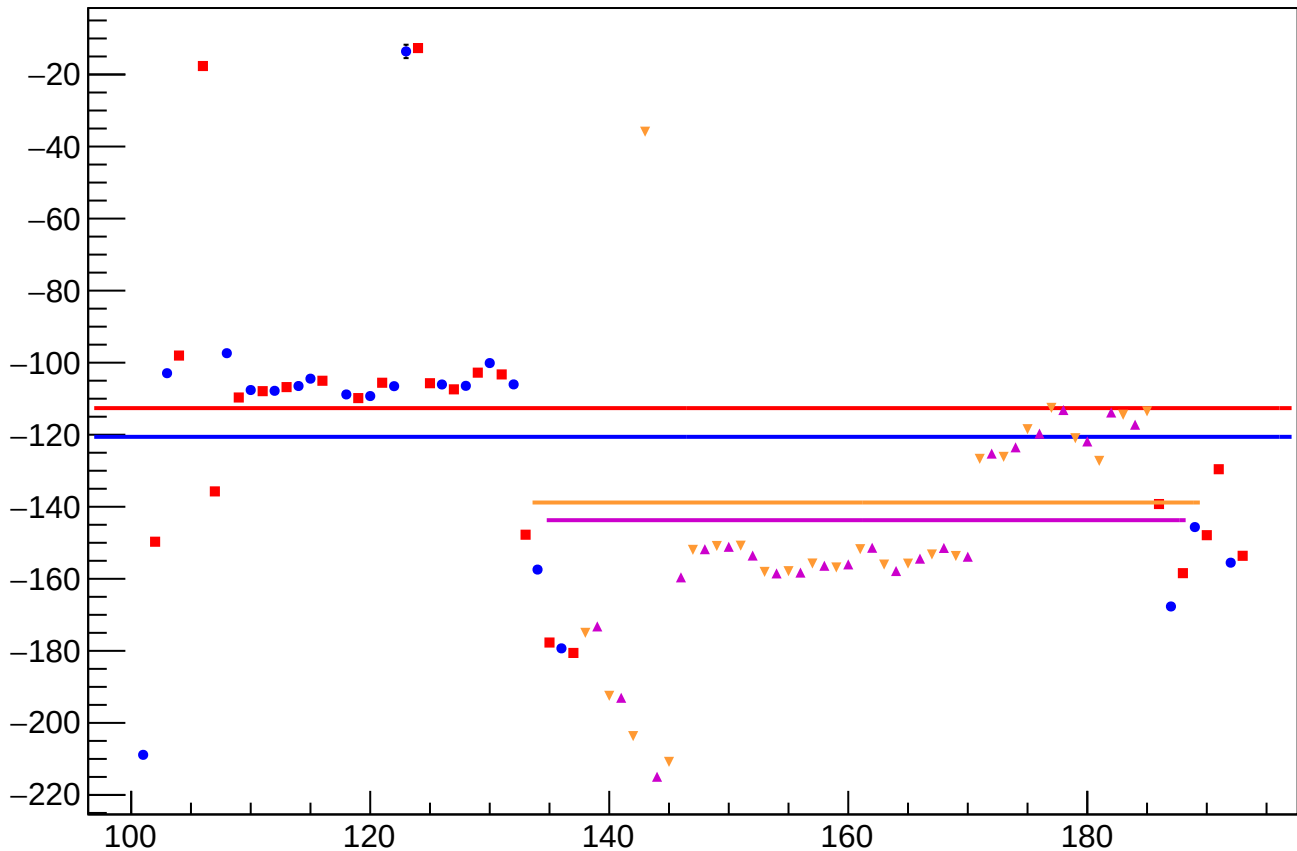
Left In: 60.392 $\pm$ 0.987 χ^2 /NDF: 341.2/22

+ sign 51.245 $\pm$ 0.755 χ^2 /NDF: 1338.1/44

All: 50.891 $\pm$ 0.535 χ^2 /NDF: 2407.8/90

- sign 50.534 $\pm$ 0.758 χ^2 /NDF: 1069.2/45

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -120.588+/-0.074 χ^2 /NDF: 160305.9/19

Left Out: -138.821+/-0.045 χ^2 /NDF: 525537.6/24

Right Out: -112.617+/-0.067 χ^2 /NDF: 379857.4/22

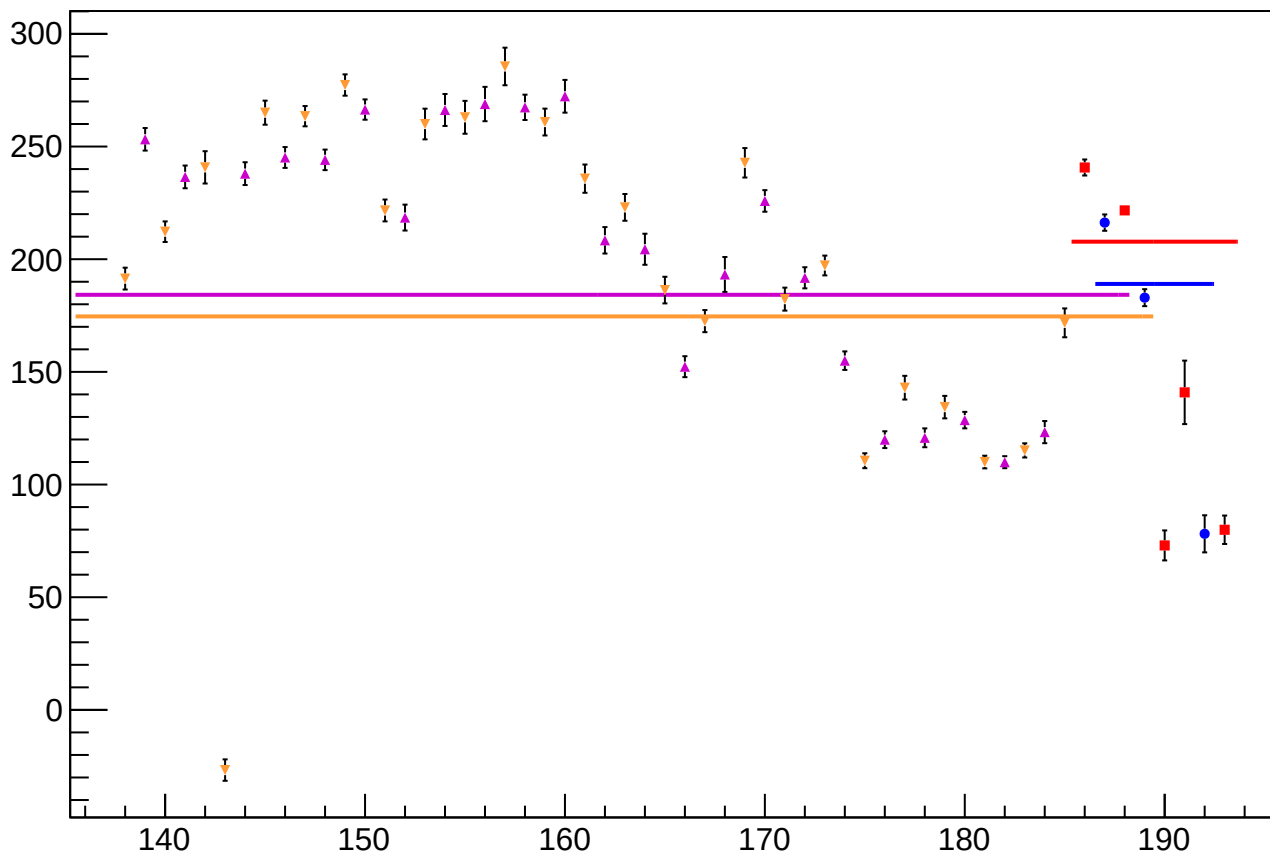
Left In: -143.726+/-0.046 χ^2 /NDF: 260994.5/22

+ sign -133.894+/-0.039 χ^2 /NDF: 729611.0/44

All: -133.829+/-0.027 χ^2 /NDF: 1517482.8/90

- sign -133.766+/-0.038 χ^2 /NDF: 787866.2/45

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 189.026 $\pm$ 2.491 χ^2 /NDF: 240.1/2

Left Out: 174.613 $\pm$ 0.969 χ^2 /NDF:5551.3/24

Right Out: 207.782 $\pm$ 1.544 χ^2 /NDF: 984.8/4

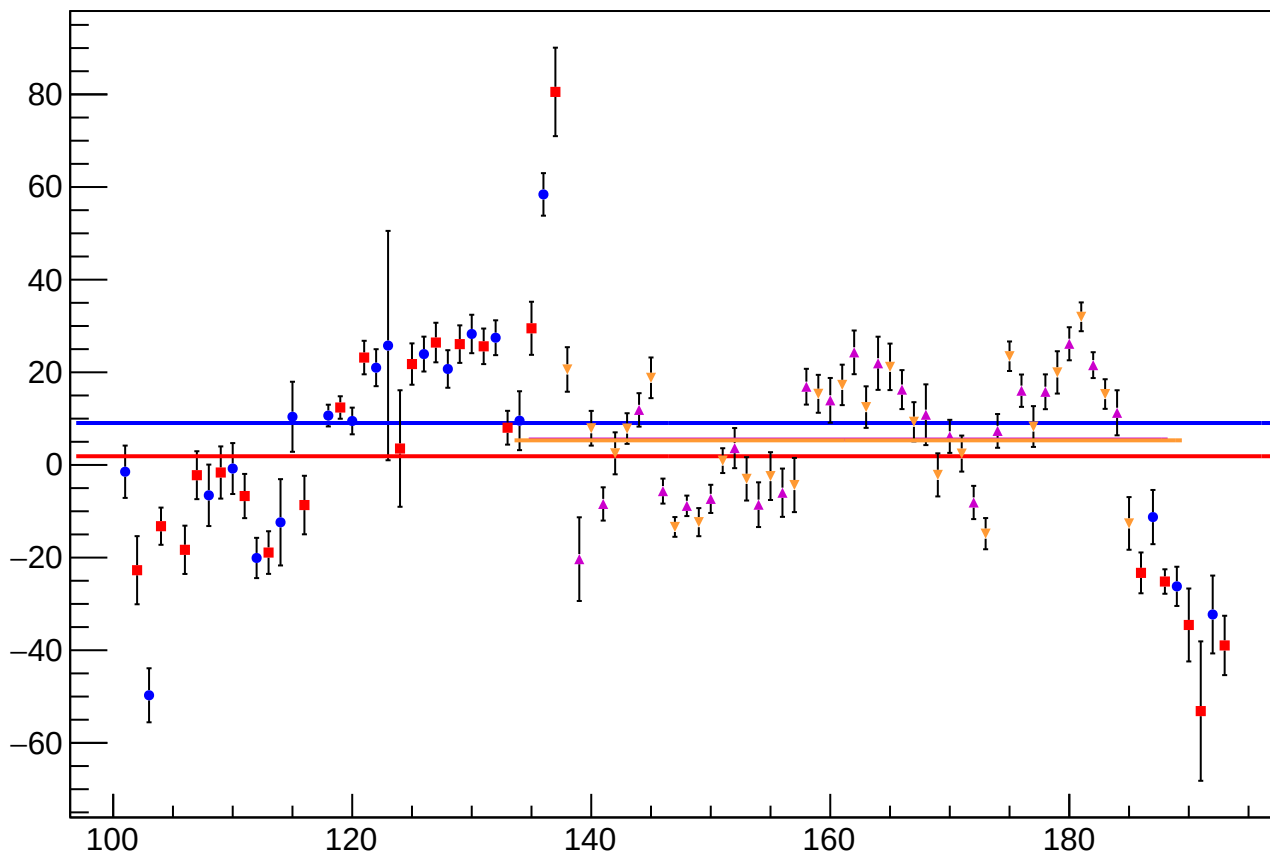
Left In: 184.205 $\pm$ 0.987 χ^2 /NDF:3637.1/22

+ sign 176.507 $\pm$ 0.903 χ^2 /NDF: 5820.5/27

All: 184.375 $\pm$ 0.612 χ^2 /NDF: 10748.2/55

- sign 191.044 $\pm$ 0.831 χ^2 /NDF: 4787.5/27

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 9.055 ± 1.002 χ^2/NDF : 464.4/19

Left Out: 5.314 ± 0.750 χ^2/NDF : 345.1/24

Right Out: 1.881 ± 0.935 χ^2/NDF : 555.0/22

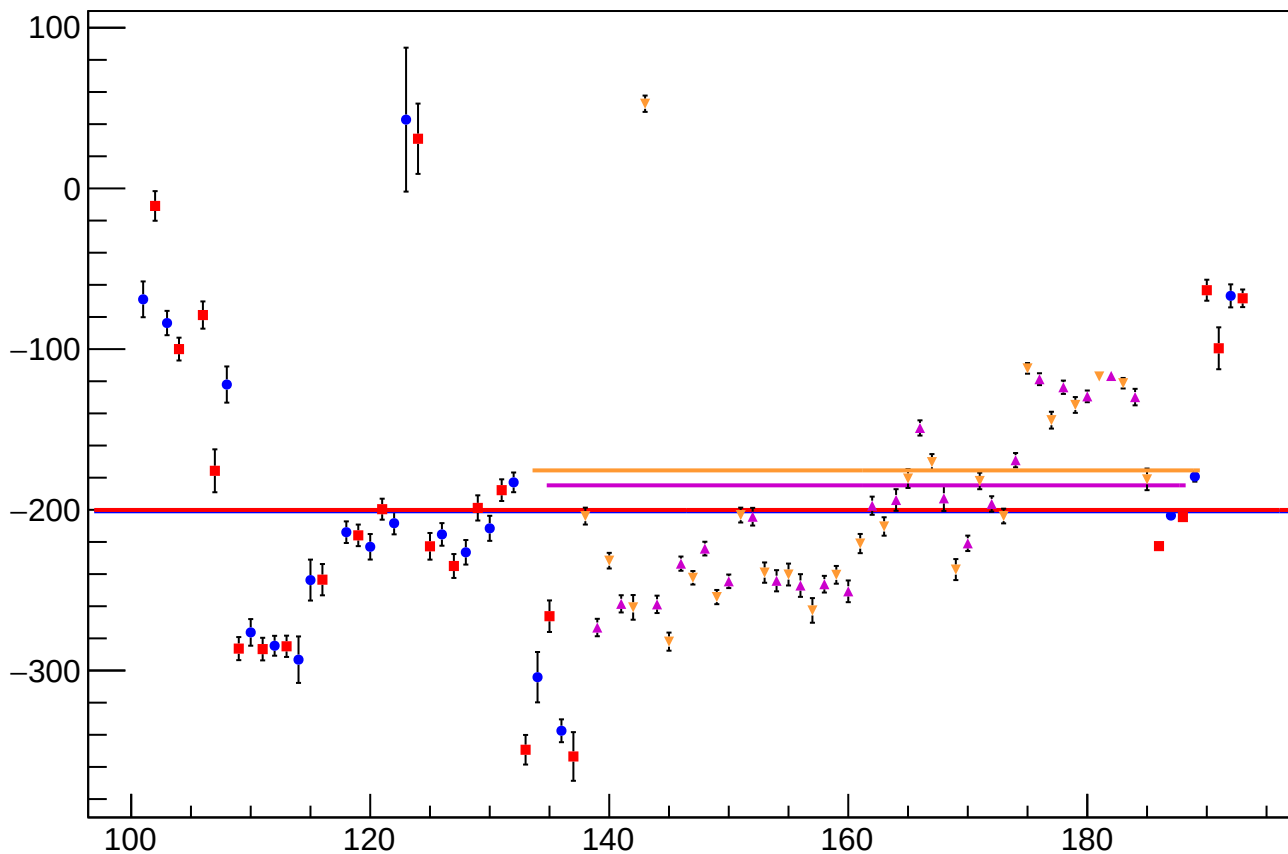
Left In: 5.483 ± 0.779 χ^2/NDF : 259.1/22

+ sign 6.659 ± 0.601 χ^2/NDF : 818.5/44

All: 5.328 ± 0.424 χ^2/NDF : 1651.1/90

- sign 4.007 ± 0.598 χ^2/NDF : 822.9/45

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -200.915 ± 1.443 $\chi^2/\text{NDF}: 1624.6/19$

Left Out: -175.470 ± 0.974 $\chi^2/\text{NDF}: 5103.8/24$

Right Out: -200.087 ± 1.054 $\chi^2/\text{NDF}: 3014.2/22$

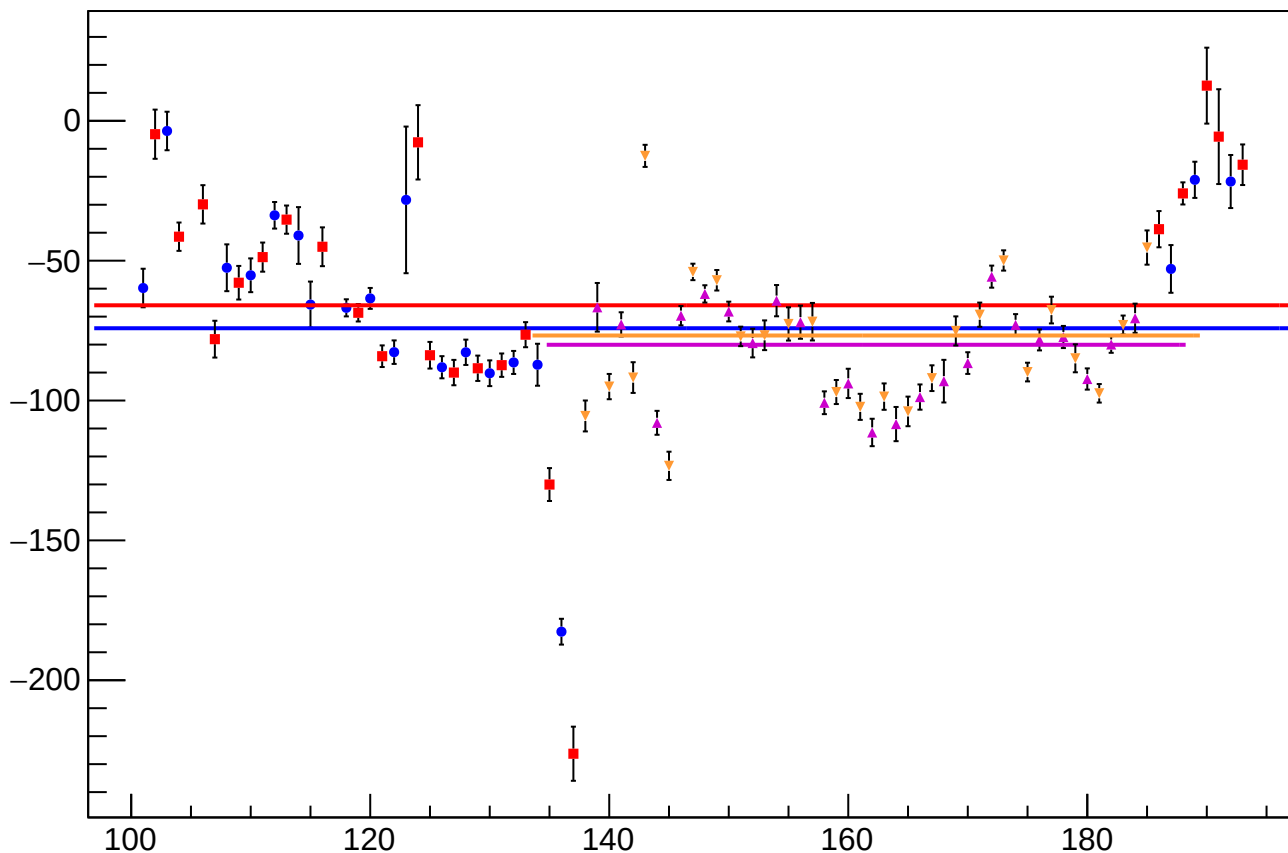
Left In: -184.774 ± 0.987 $\chi^2/\text{NDF}: 3082.4/22$

+ sign -183.436 ± 0.807 $\chi^2/\text{NDF}: 6942.2/44$

All: -188.164 ± 0.537 $\chi^2/\text{NDF}: 13212.9/90$

- sign -191.929 ± 0.720 $\chi^2/\text{NDF}: 6209.1/45$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -74.156 ± 1.177 χ^2/NDF : 928.1/19

Left Out: -76.747 ± 0.861 χ^2/NDF : 746.8/24

Right Out: -65.951 ± 1.118 χ^2/NDF : 909.6/22

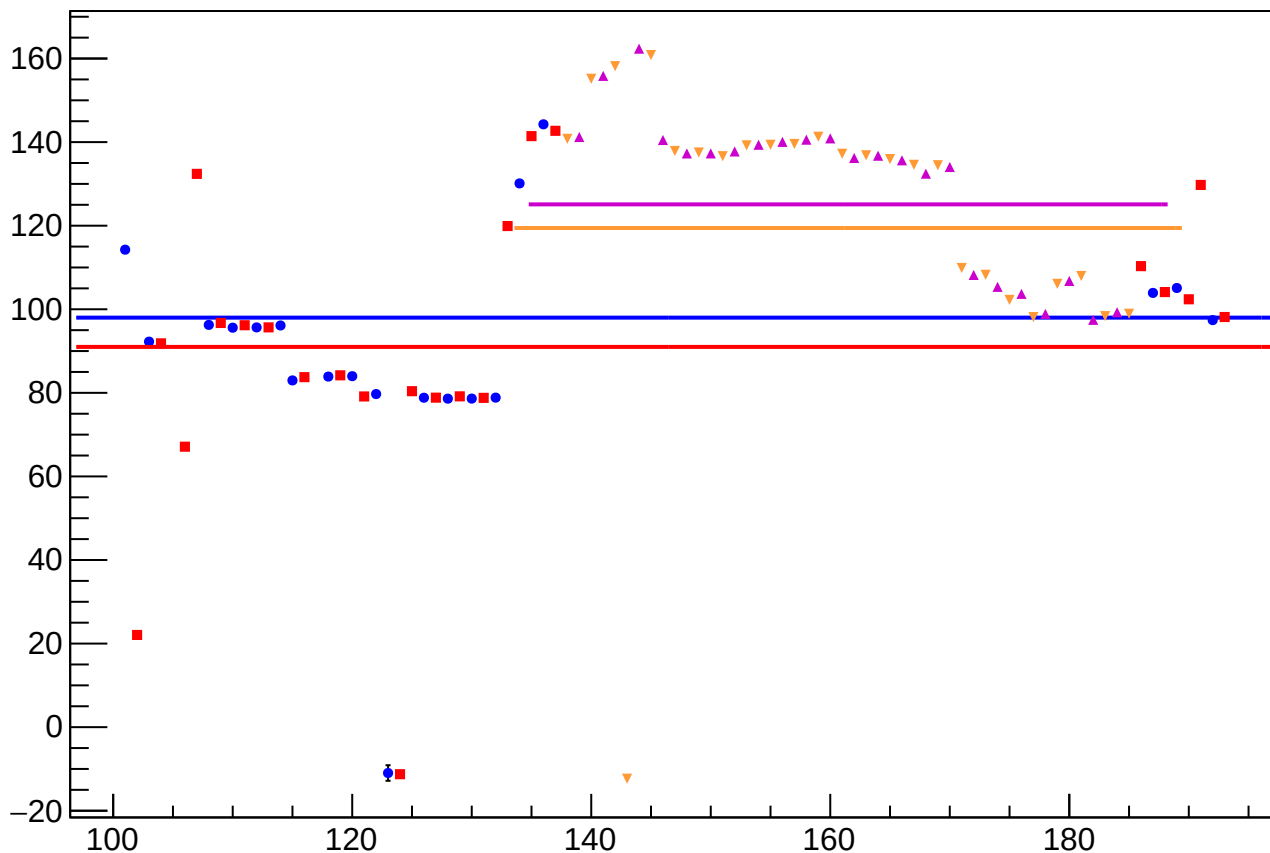
Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

+ sign -75.845 ± 0.695 χ^2/NDF : 1678.1/44

All: -75.233 ± 0.491 χ^2/NDF : 2973.9/90

- sign -74.622 ± 0.695 χ^2/NDF : 1294.3/45

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.998 $\pm$ 0.068 χ^2 /NDF: 95274.9/19

Left Out: 119.448 $\pm$ 0.041 χ^2 /NDF: 660075.8/24

Right Out: 90.993 $\pm$ 0.061 χ^2 /NDF: 239189.6/22

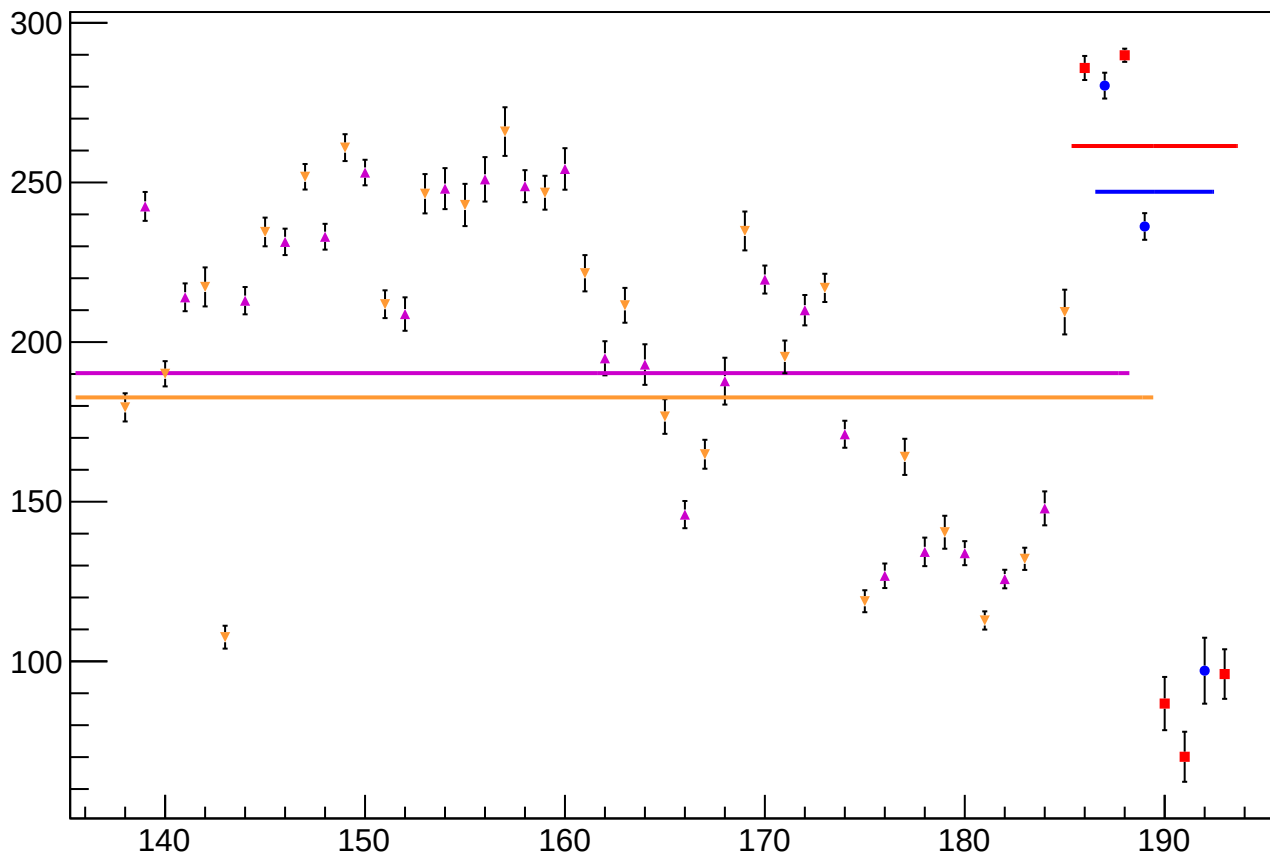
Left In: 125.101 $\pm$ 0.041 χ^2 /NDF: 222793.3/22

+ sign 113.860 $\pm$ 0.035 χ^2 /NDF: 827970.5/44

All: 114.118 $\pm$ 0.024 χ^2 /NDF: 1506892.0/90

- sign 114.364 $\pm$ 0.034 χ^2 /NDF: 678814.8/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 247.088 $\pm$ 2.797 χ^2 /NDF: 285.2/2

Left Out: 182.672 $\pm$ 0.919 χ^2 /NDF:3230.7/24

Right Out: 261.421 $\pm$ 1.687 χ^2 /NDF: 1719.2/4

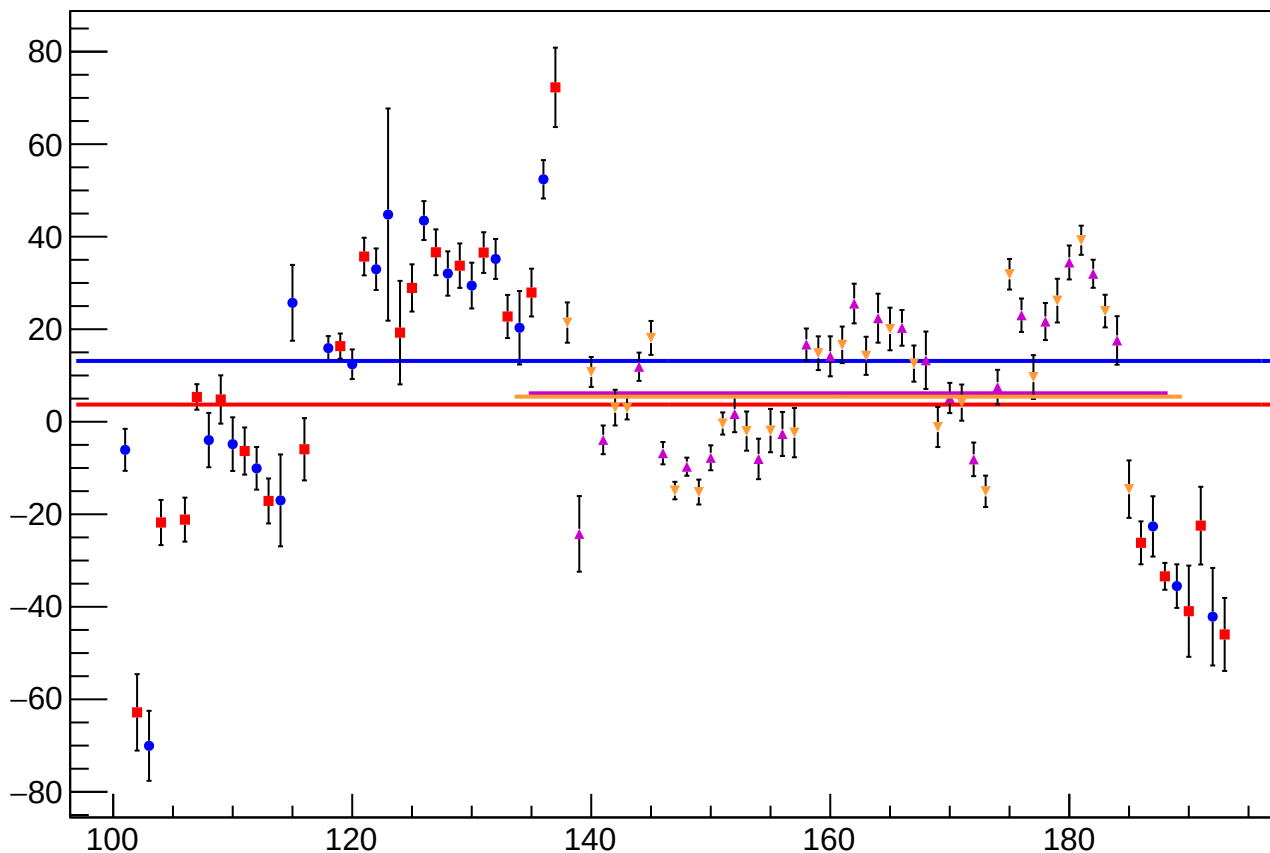
Left In: 190.279 $\pm$ 0.949 χ^2 /NDF:2452.9/22

+ sign 188.942 $\pm$ 0.873 χ^2 /NDF: 3994.6/27

All: 198.658 $\pm$ 0.600 χ^2 /NDF: 9753.4/55

- sign 207.385 $\pm$ 0.827 χ^2 /NDF: 5523.5/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 13.144 $\pm$ 1.092 χ^2 /NDF: 575.9/19

Left Out: 5.425 $\pm$ 0.693 χ^2 /NDF:525.2/24

Right Out: 3.711 $\pm$ 0.975 χ^2 /NDF: 770.0/22

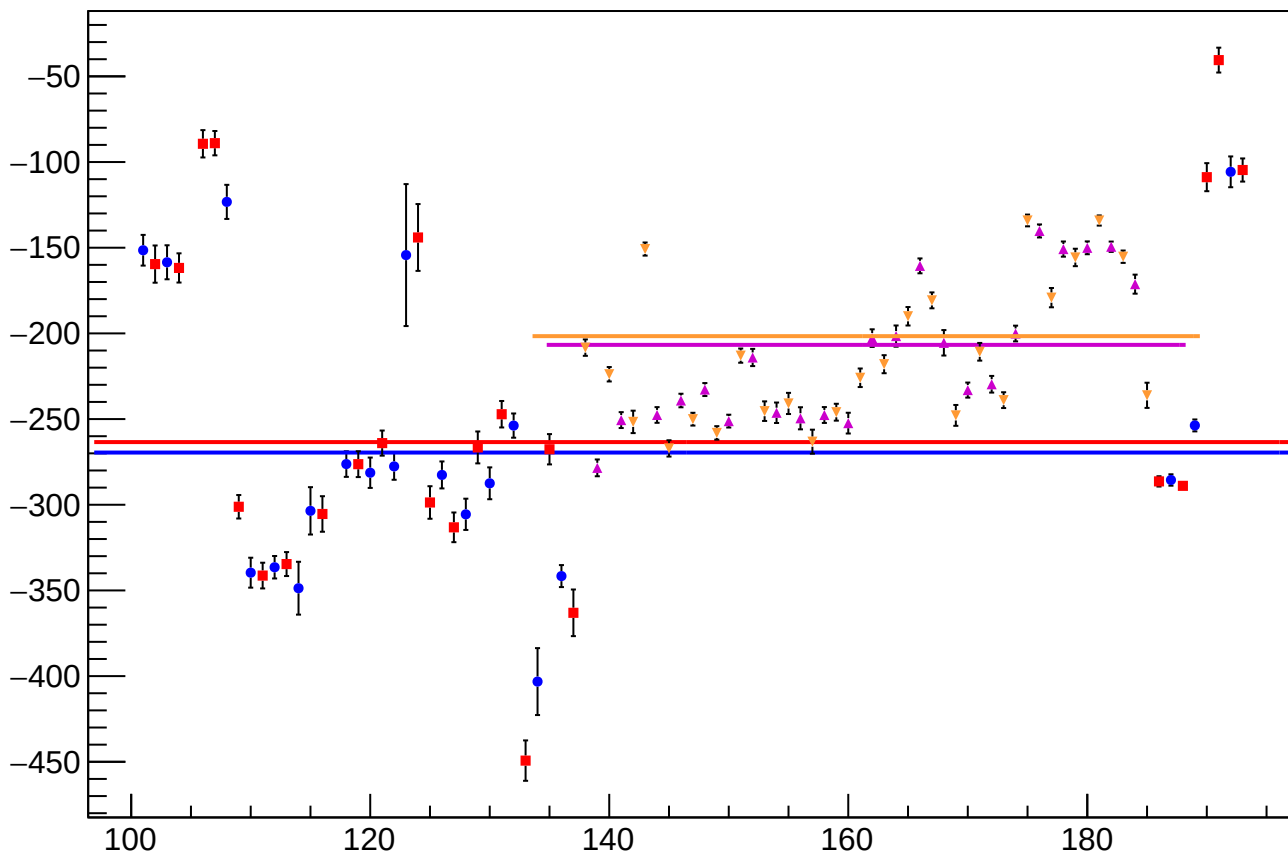
Left In: 6.151 $\pm$ 0.730 χ^2 /NDF:410.6/22

+ sign 7.640 $\pm$ 0.585 χ^2 /NDF: 1136.6/44

All: 6.456 $\pm$ 0.413 χ^2 /NDF: 2329.4/90

- sign 5.275 $\pm$ 0.584 χ^2 /NDF: 1184.6/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -269.536 ± 1.585 χ^2/NDF : 1303.2/19

Left Out: -201.610 ± 0.922 χ^2/NDF : 2462.4/24

Right Out: -263.429 ± 1.138 χ^2/NDF : 4113.7/22

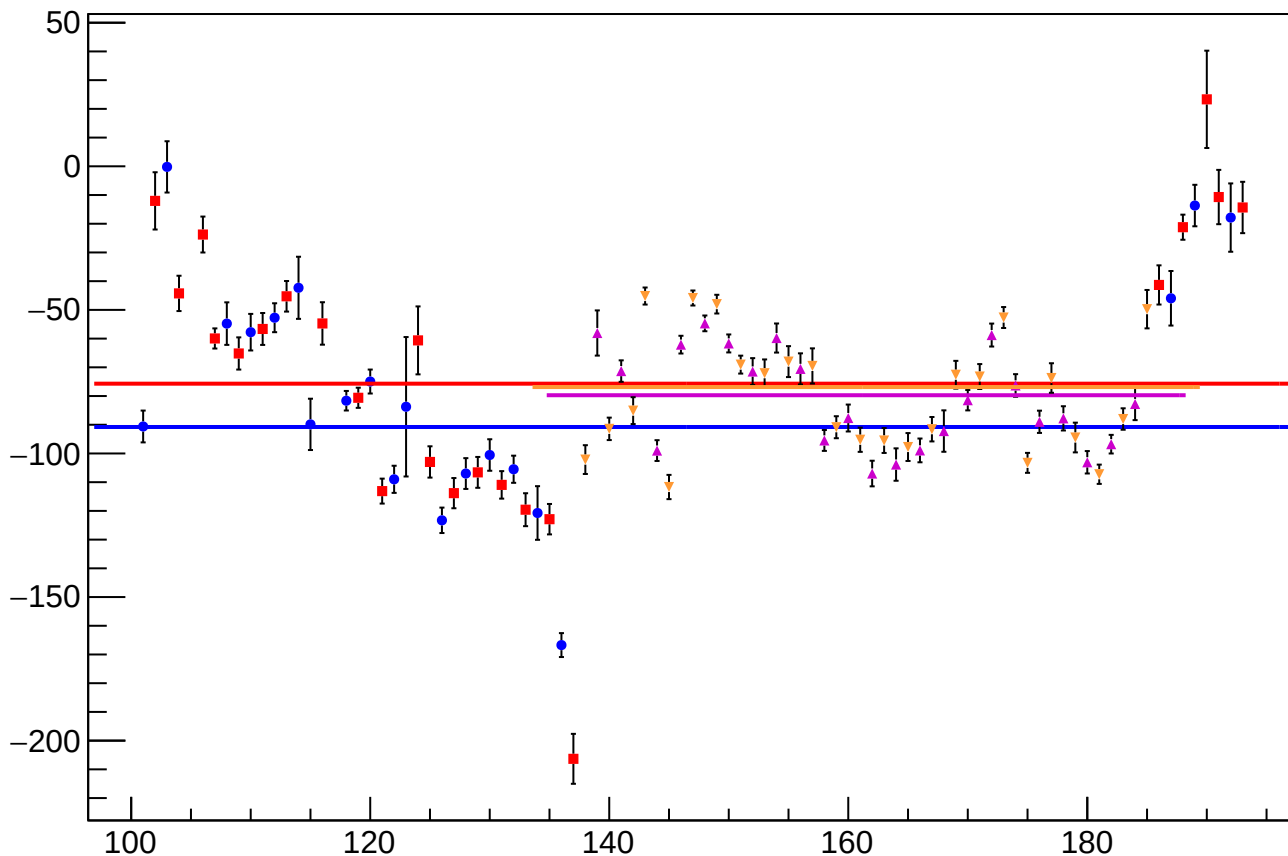
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ sign -218.801 ± 0.797 χ^2/NDF : 5138.0/44

All: -224.853 ± 0.537 χ^2/NDF : 12962.0/90

- sign -229.891 ± 0.727 χ^2/NDF : 7718.4/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -90.781 ± 1.281 χ^2/NDF : 859.6/19

Left Out: -76.870 ± 0.802 χ^2/NDF : 758.7/24

Right Out: -75.695 ± 1.170 χ^2/NDF : 1127.6/22

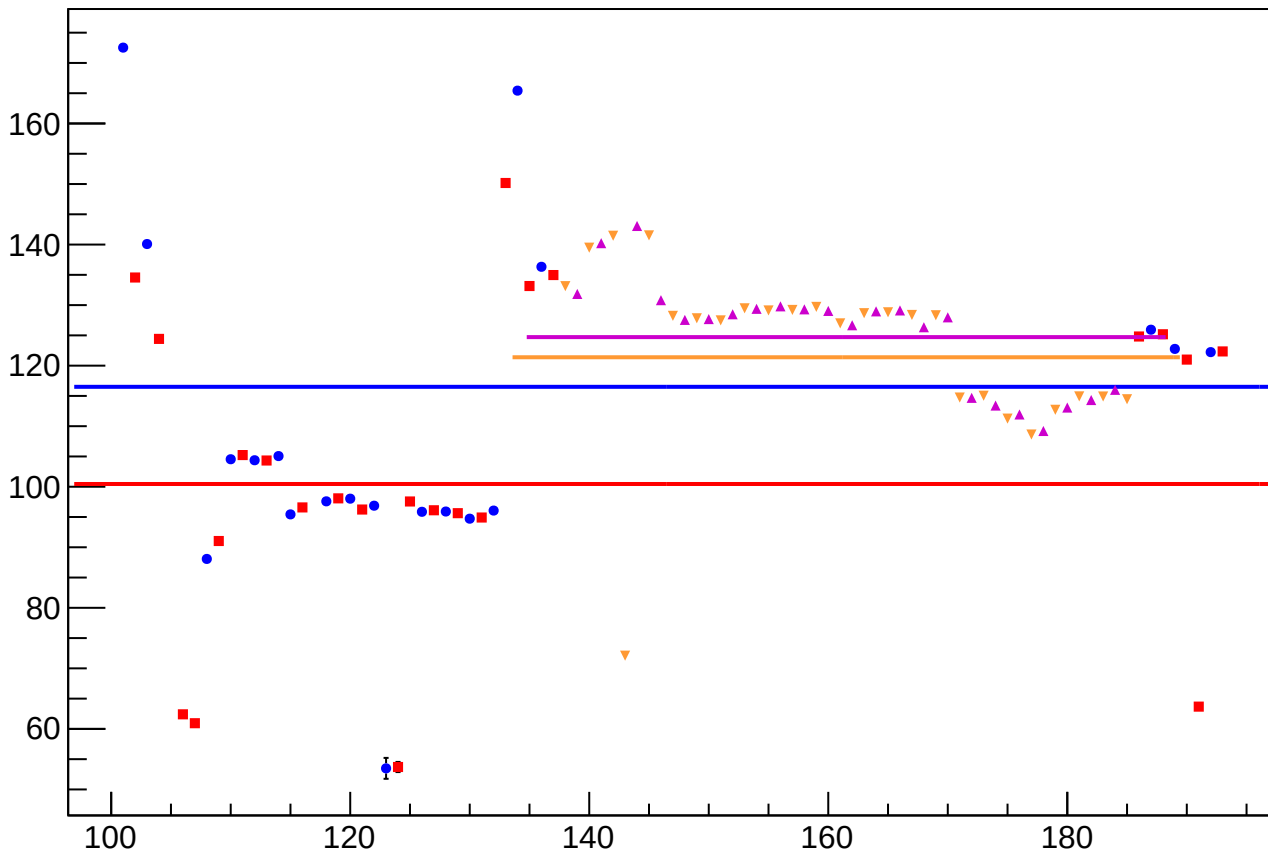
Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

+ sign -80.784 ± 0.680 χ^2/NDF : 1703.0/44

All: -79.572 ± 0.481 χ^2/NDF : 3259.9/90

- sign -78.355 ± 0.681 χ^2/NDF : 1550.6/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 116.505 $\pm$ 0.074 χ^2 /NDF: 107374.8/19

Left Out: 121.385 $\pm$ 0.038 χ^2 /NDF:164871.1/24

Right Out: 100.453 $\pm$ 0.061 χ^2 /NDF: 212409.9/22

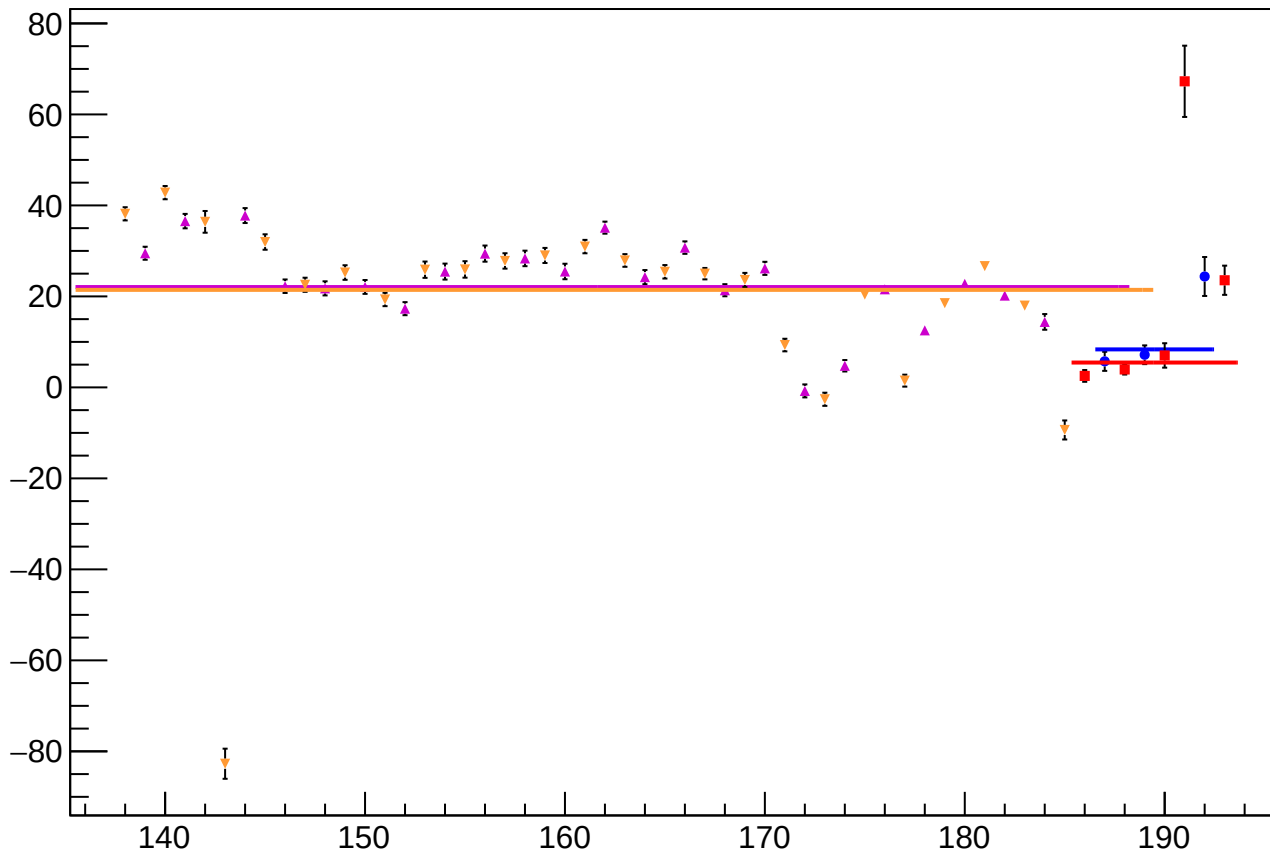
Left In: 124.714 $\pm$ 0.039 χ^2 /NDF:51750.7/22

+ sign 120.350 $\pm$ 0.034 χ^2 /NDF: 275695.8/44

All: 118.992 $\pm$ 0.024 χ^2 /NDF: 654192.6/90

- sign 117.713 $\pm$ 0.033 χ^2 /NDF: 375389.9/45

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 8.351+/-1.390 χ^2/NDF : 15.9/2

Left Out: 21.435+/-0.283 χ^2/NDF : 2406.2/24

Right Out: 5.460+/-0.777 χ^2/NDF : 101.4/4

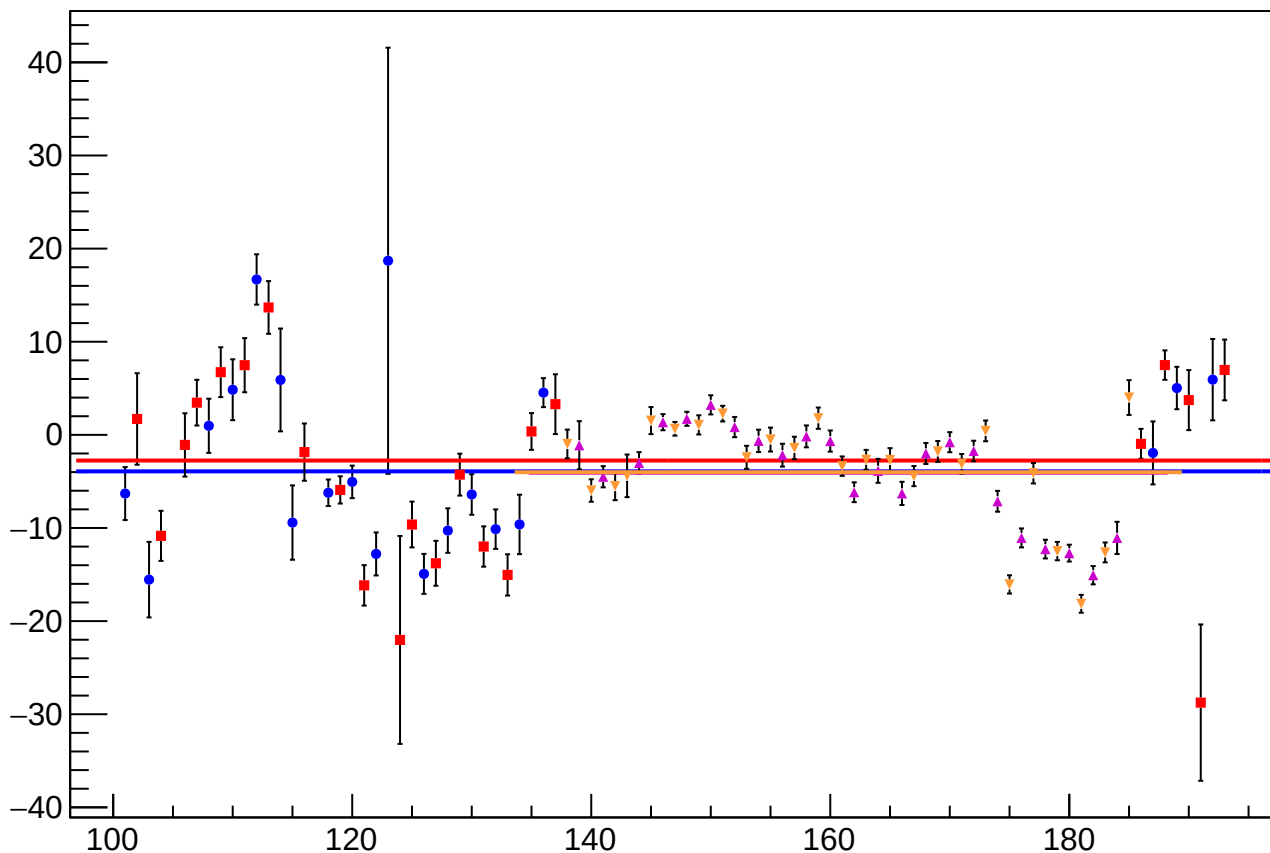
Left In: 22.055+/-0.284 χ^2/NDF : 941.3/22

+ sign 20.916+/-0.277 χ^2/NDF : 2507.2/27

All: 20.492+/-0.192 χ^2/NDF : 3956.3/55

- sign 20.098+/-0.267 χ^2/NDF : 1444.6/27

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -3.919 ± 0.550 χ^2/NDF : 197.7/19

Left Out: -4.015 ± 0.223 χ^2/NDF : 731.7/24

Right Out: -2.757 ± 0.506 χ^2/NDF : 271.0/22

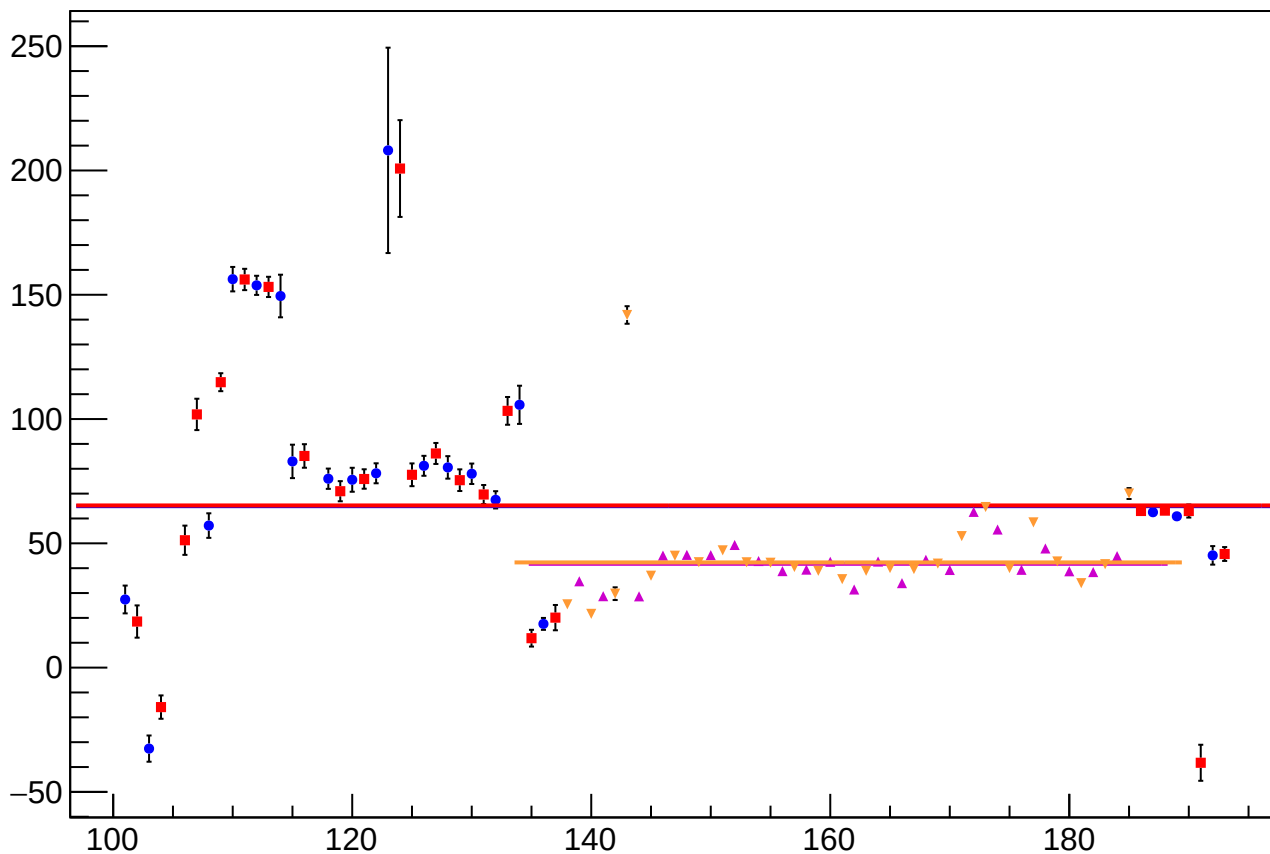
Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

+ sign -4.001 ± 0.207 χ^2/NDF : 929.4/44

All: -3.925 ± 0.146 χ^2/NDF : 1786.3/90

- sign -3.849 ± 0.207 χ^2/NDF : 856.7/45

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 64.949+/-0.793 χ^2/NDF : 1897.8/19

Left Out: 42.322+/-0.282 χ^2/NDF : 1855.5/24

Right Out: 65.241+/-0.548 χ^2/NDF : 2247.4/22

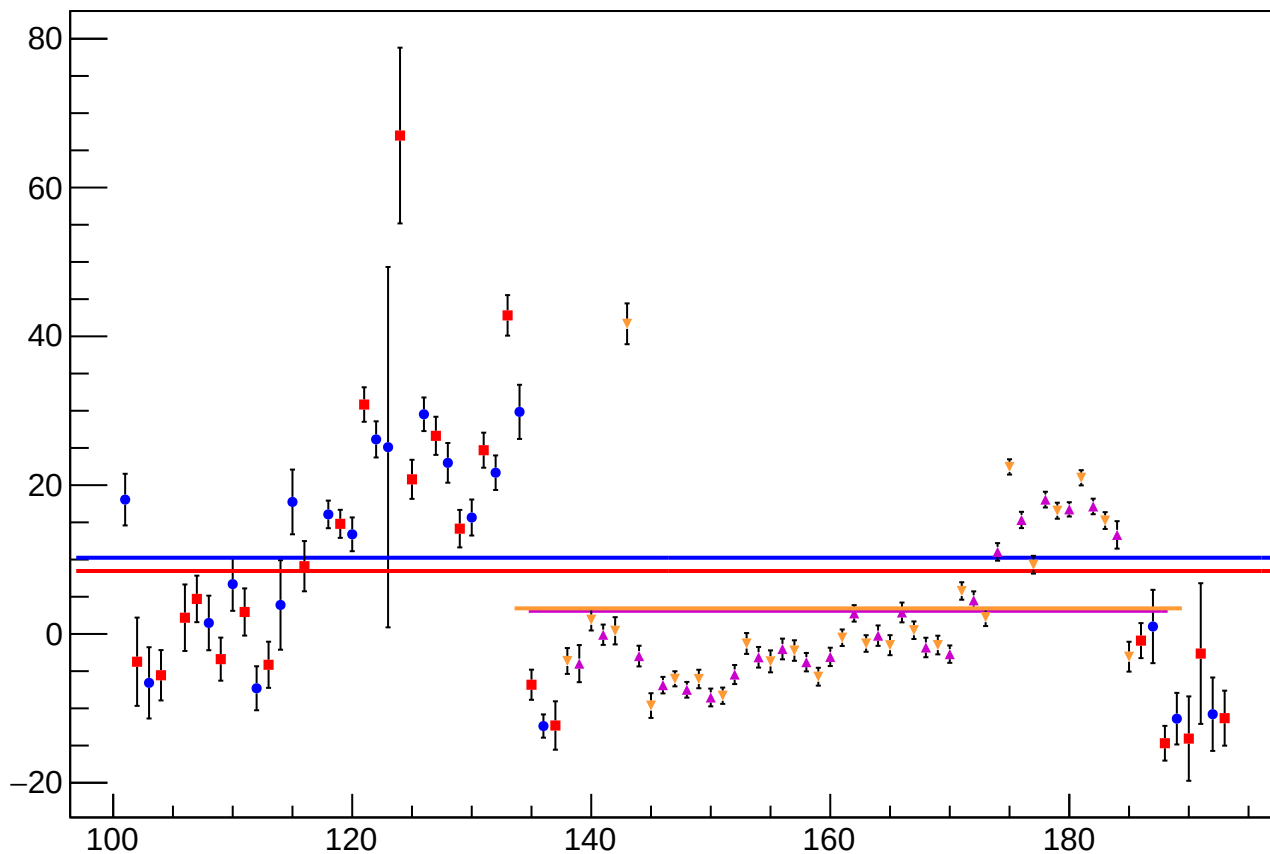
Left In: 41.755+/-0.283 χ^2/NDF : 659.6/22

+ sign 44.861+/-0.266 χ^2/NDF : 4475.2/44

All: 45.830+/-0.183 χ^2/NDF : 8856.8/90

- sign 46.698+/-0.251 χ^2/NDF : 4356.3/45

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 10.246 $\pm$ 0.636 χ^2/NDF : 542.9/19

Left Out: 3.439 $\pm$ 0.252 χ^2/NDF :1647.7/24

Right Out: 8.462 $\pm$ 0.604 χ^2/NDF : 732.1/22

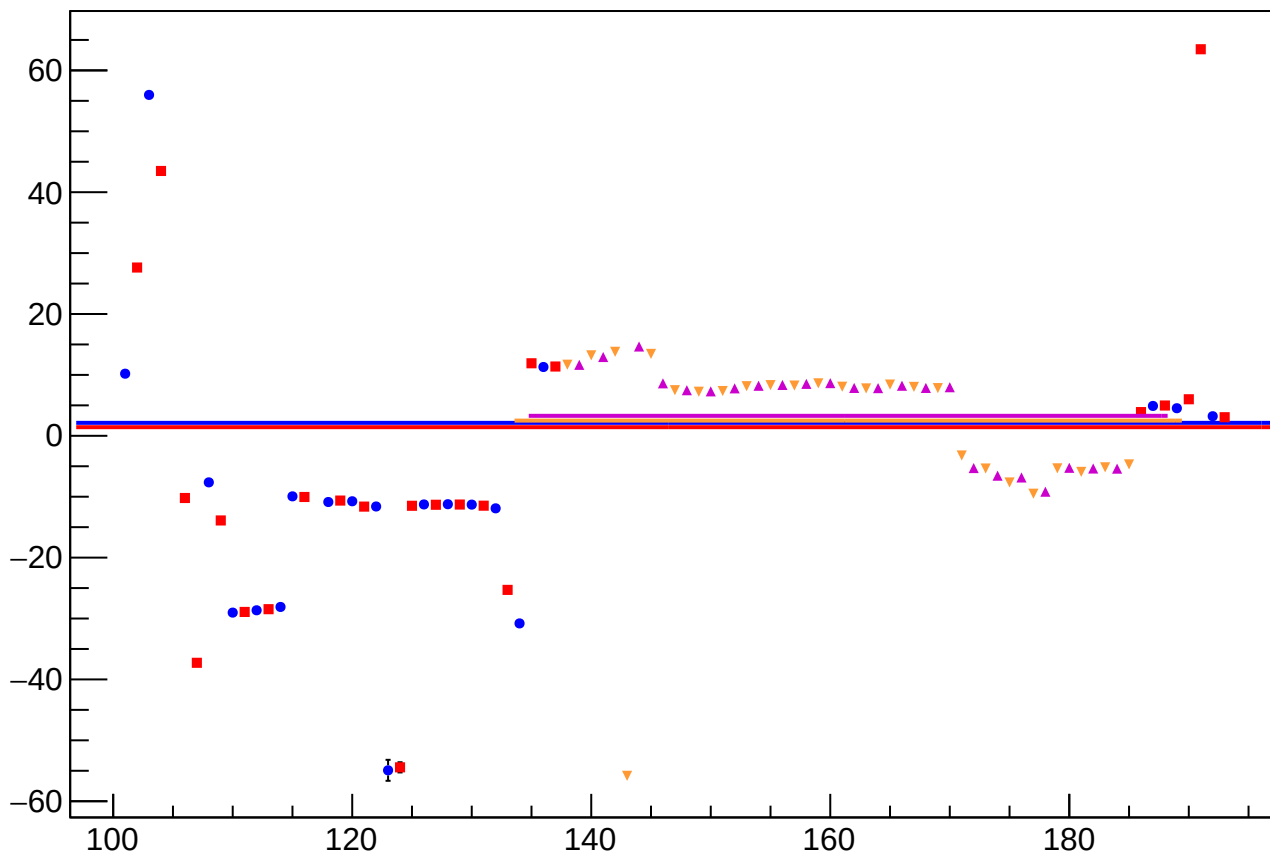
Left In: 3.114 $\pm$ 0.256 χ^2/NDF :1273.1/22

+ sign 4.366 $\pm$ 0.235 χ^2/NDF : 2289.5/44

All: 4.149 $\pm$ 0.166 χ^2/NDF : 4362.9/90

- sign 3.930 $\pm$ 0.236 χ^2/NDF : 2071.7/45

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 2.130 $\pm$ 0.035 χ^2 /NDF: 359904.8/19

Left Out: 2.497 $\pm$ 0.012 χ^2 /NDF: 588138.5/24

Right Out: 1.416 $\pm$ 0.032 χ^2 /NDF: 422768.8/22

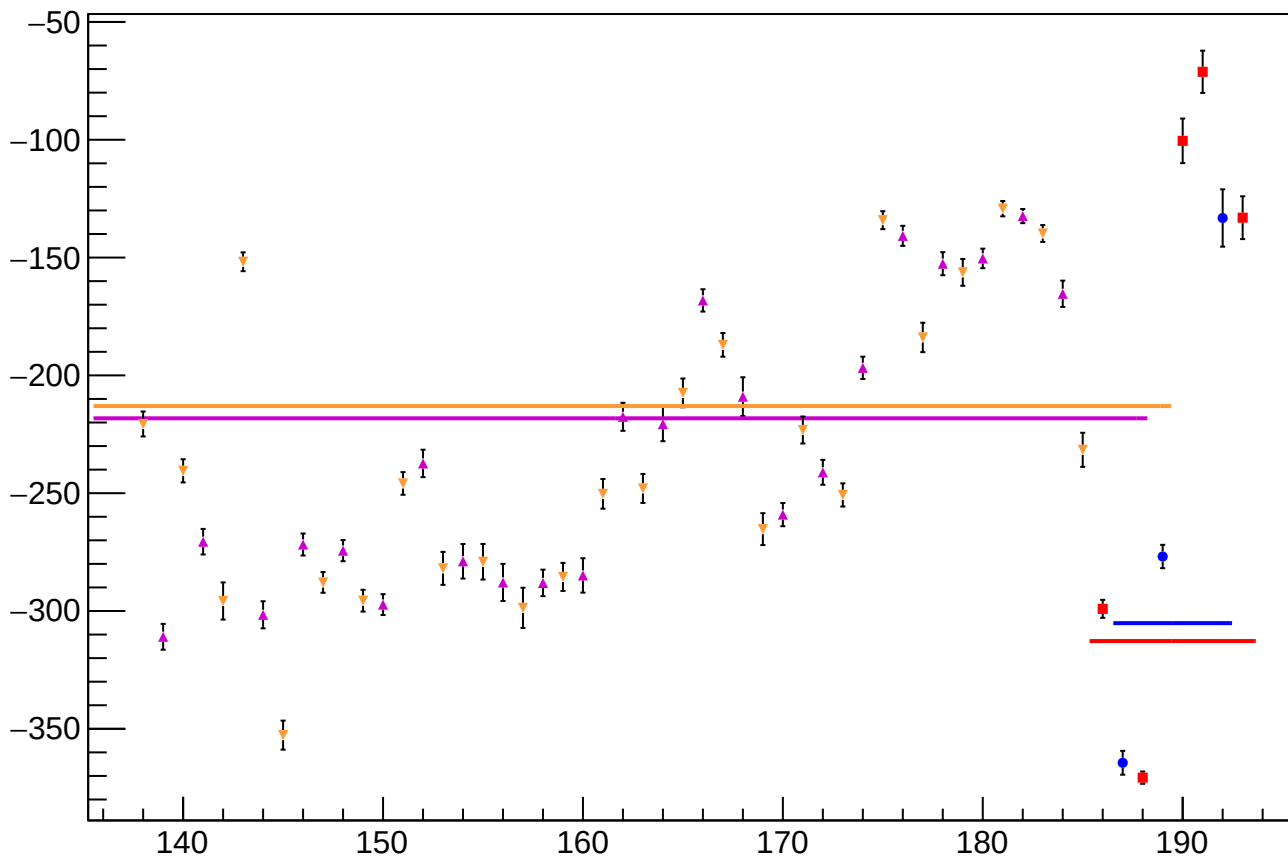
Left In: 3.281 $\pm$ 0.012 χ^2 /NDF: 409605.3/22

+ sign 2.460 $\pm$ 0.011 χ^2 /NDF: 948144.4/44

All: 2.765 $\pm$ 0.008 χ^2 /NDF: 1785022.4/90

- sign 3.067 $\pm$ 0.011 χ^2 /NDF: 835339.0/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -305.158+/-3.400 χ^2/NDF : 369.2/2

Left Out: -213.020+/-1.035 χ^2/NDF : 3826.2/24

Right Out: -312.751+/-1.995 χ^2/NDF : 2126.1/4

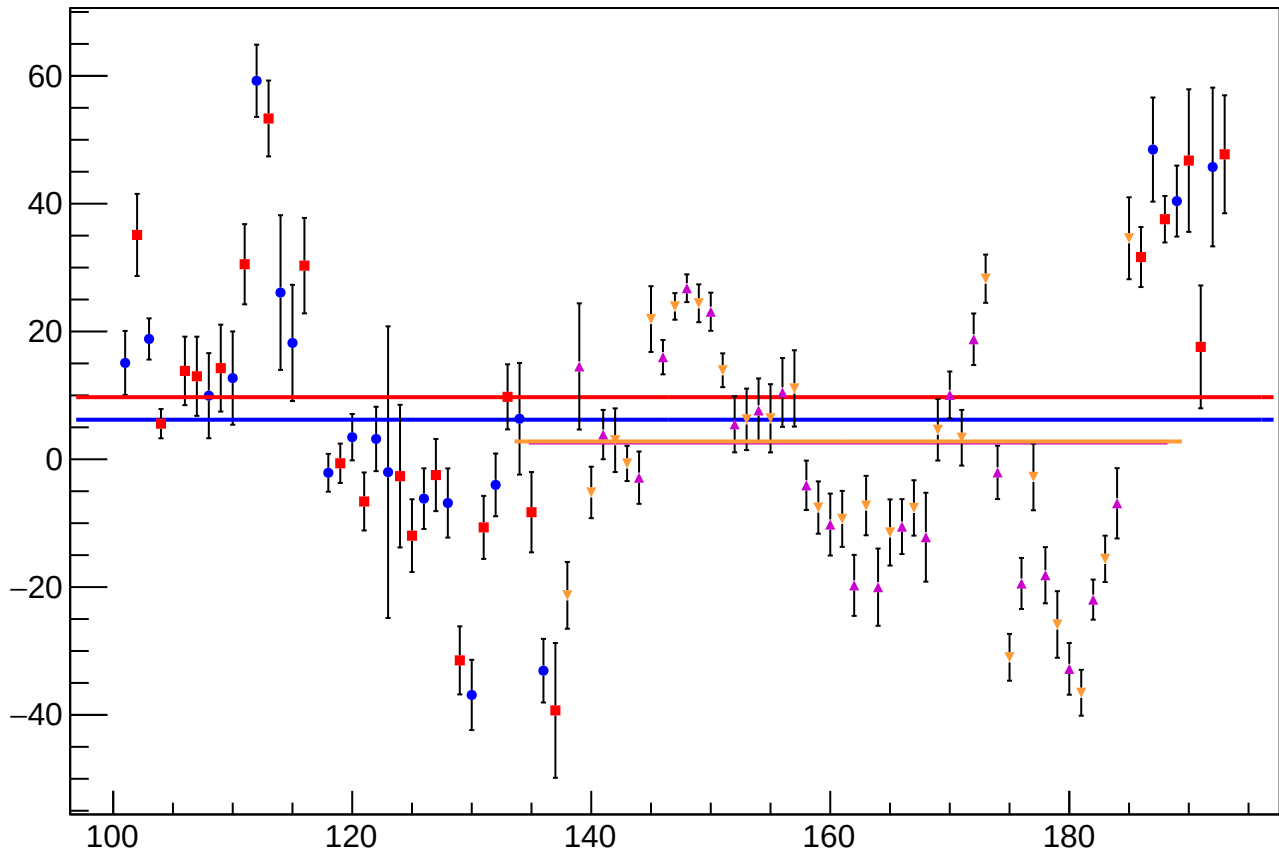
Left In: -218.216+/-1.063 χ^2/NDF : 3499.0/22

+ sign -220.841+/-0.991 χ^2/NDF : 4867.6/27

All: -230.472+/-0.681 χ^2/NDF : 12420.5/55

- sign -239.110+/-0.938 χ^2/NDF : 7373.6/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 6.195 ± 1.179 χ^2/NDF : 336.7/19

Left Out: 2.786 ± 0.780 χ^2/NDF : 582.0/24

Right Out: 9.719 ± 1.058 χ^2/NDF : 353.1/22

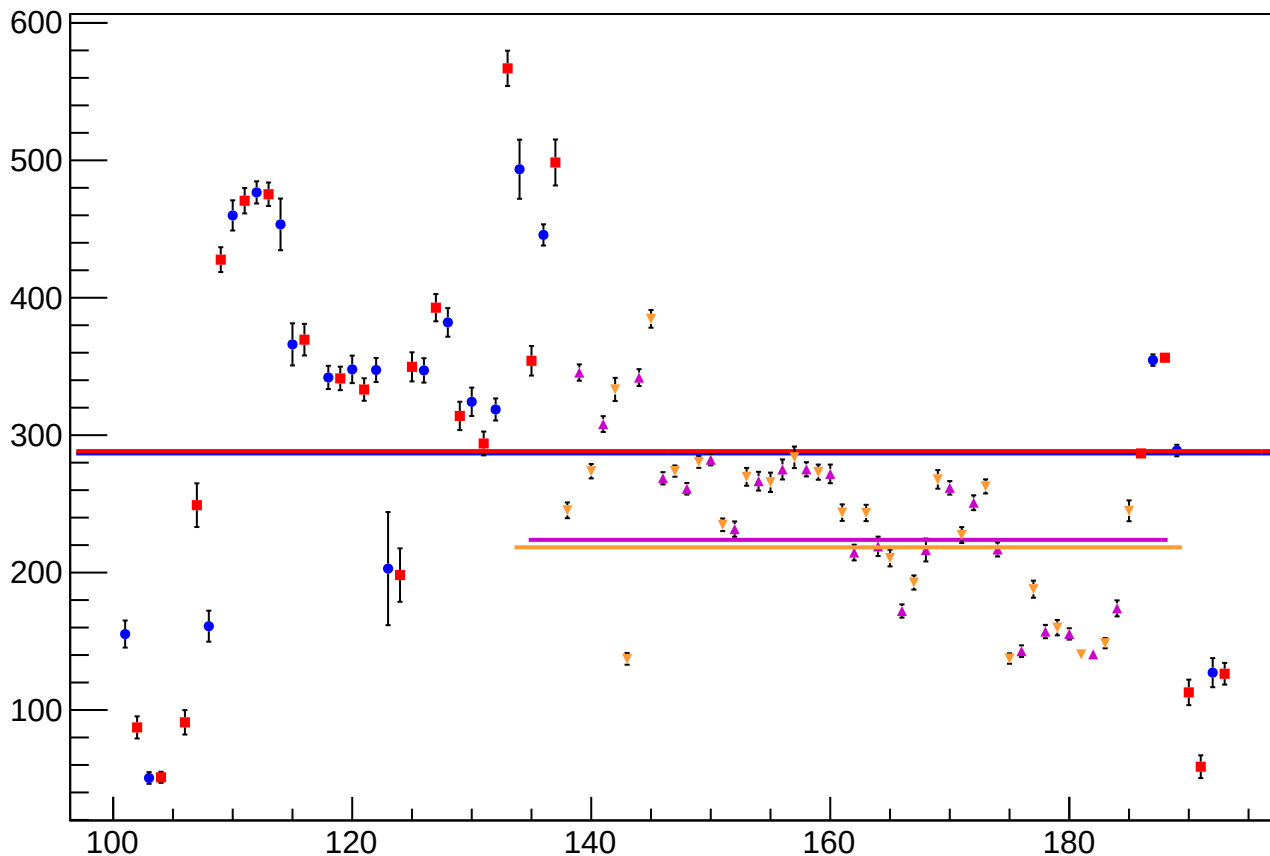
Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

+ sign 3.825 ± 0.651 χ^2/NDF : 924.5/44

All: 4.558 ± 0.459 χ^2/NDF : 1785.9/90

- sign 5.287 ± 0.648 χ^2/NDF : 858.9/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 286.701 $\pm$ 1.734 χ^2 /NDF: 5639.0/19

Left Out: 218.389 $\pm$ 1.038 χ^2 /NDF: 3696.7/24

Right Out: 288.418 $\pm$ 1.283 χ^2 /NDF: 9235.9/22

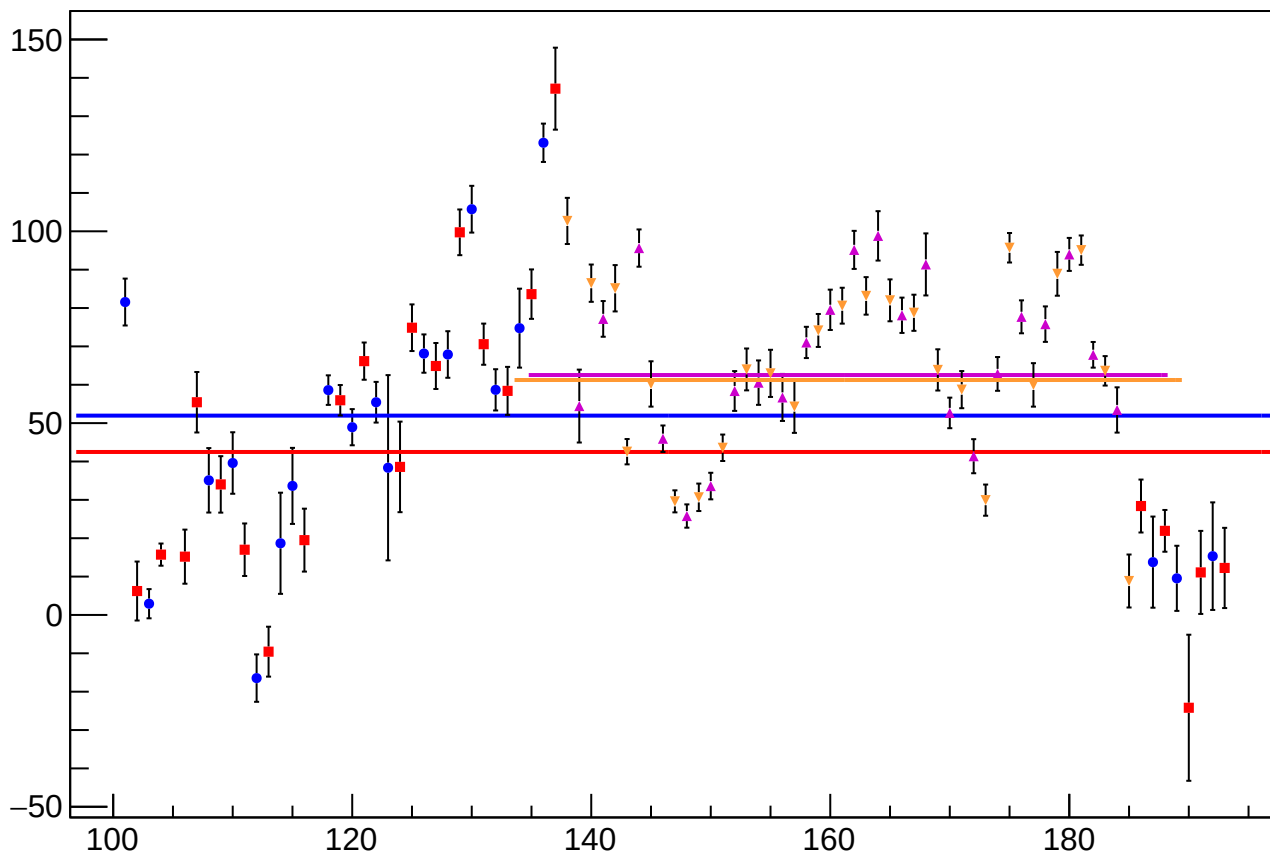
Left In: 223.827 $\pm$ 1.058 χ^2 /NDF: 3444.7/22

+ sign 236.400 $\pm$ 0.890 χ^2 /NDF: 10478.2/44

All: 243.773 $\pm$ 0.602 χ^2 /NDF: 24792.4/90

- sign 249.973 $\pm$ 0.817 χ^2 /NDF: 14188.1/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 51.955 ± 1.385 χ^2/NDF : 678.7/19

Left Out: 61.240 ± 0.903 χ^2/NDF : 718.8/24

Right Out: 42.480 ± 1.274 χ^2/NDF : 583.6/22

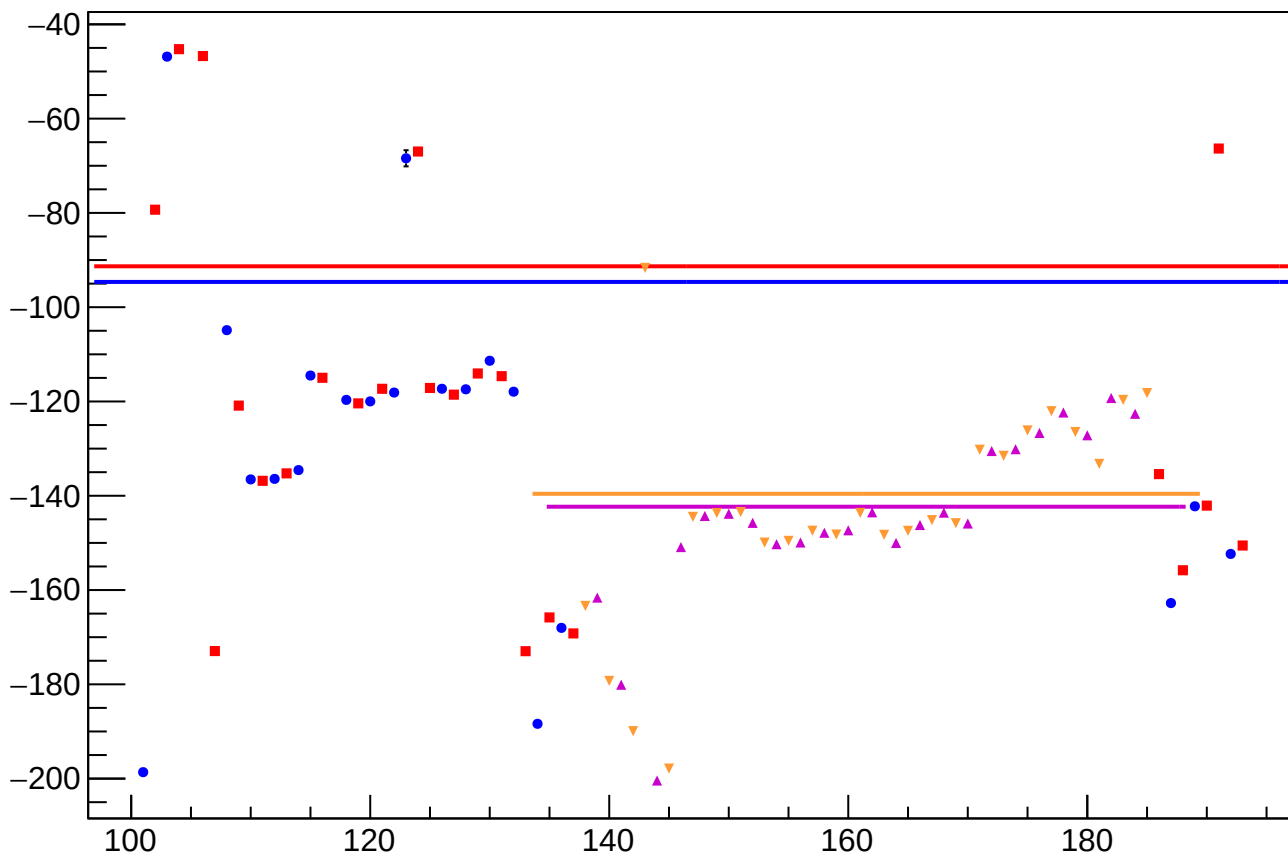
Left In: 62.538 ± 0.940 χ^2/NDF : 520.0/22

+ sign 58.471 ± 0.756 χ^2/NDF : 1429.1/44

All: 56.971 ± 0.535 χ^2/NDF : 2700.9/90

- sign 55.469 ± 0.757 χ^2/NDF : 1263.9/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -94.639 ± 0.065 χ^2/NDF : 580722.3/19

Left Out: -139.585 ± 0.043 χ^2/NDF : 243895.1/24

Right Out: -91.326 ± 0.060 χ^2/NDF : 599669.2/22

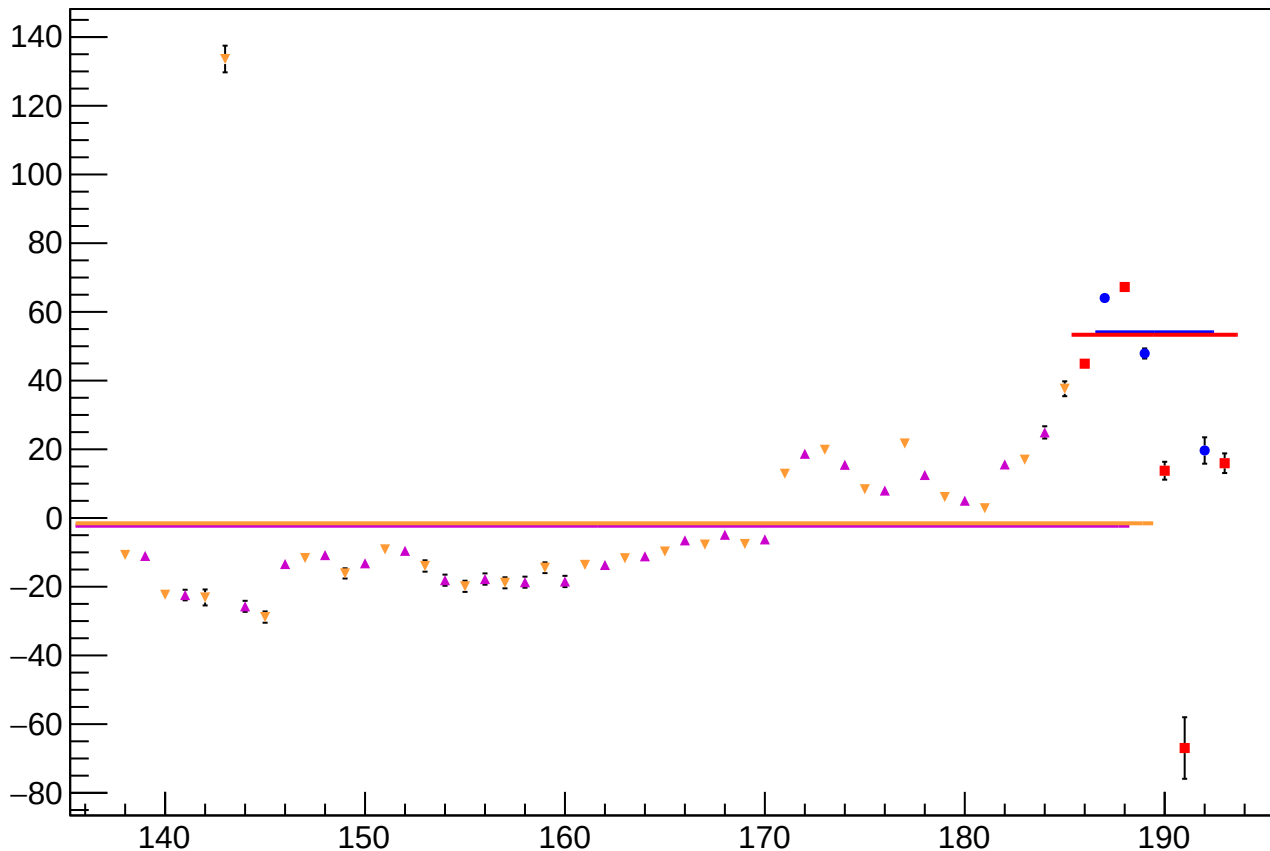
Left In: -142.326 ± 0.044 χ^2/NDF : 144642.3/22

+ sign -125.981 ± 0.036 χ^2/NDF : 1153787.0/44

All: -125.294 ± 0.025 χ^2/NDF : 2367065.2/90

- sign -124.626 ± 0.035 χ^2/NDF : 1212559.8/45

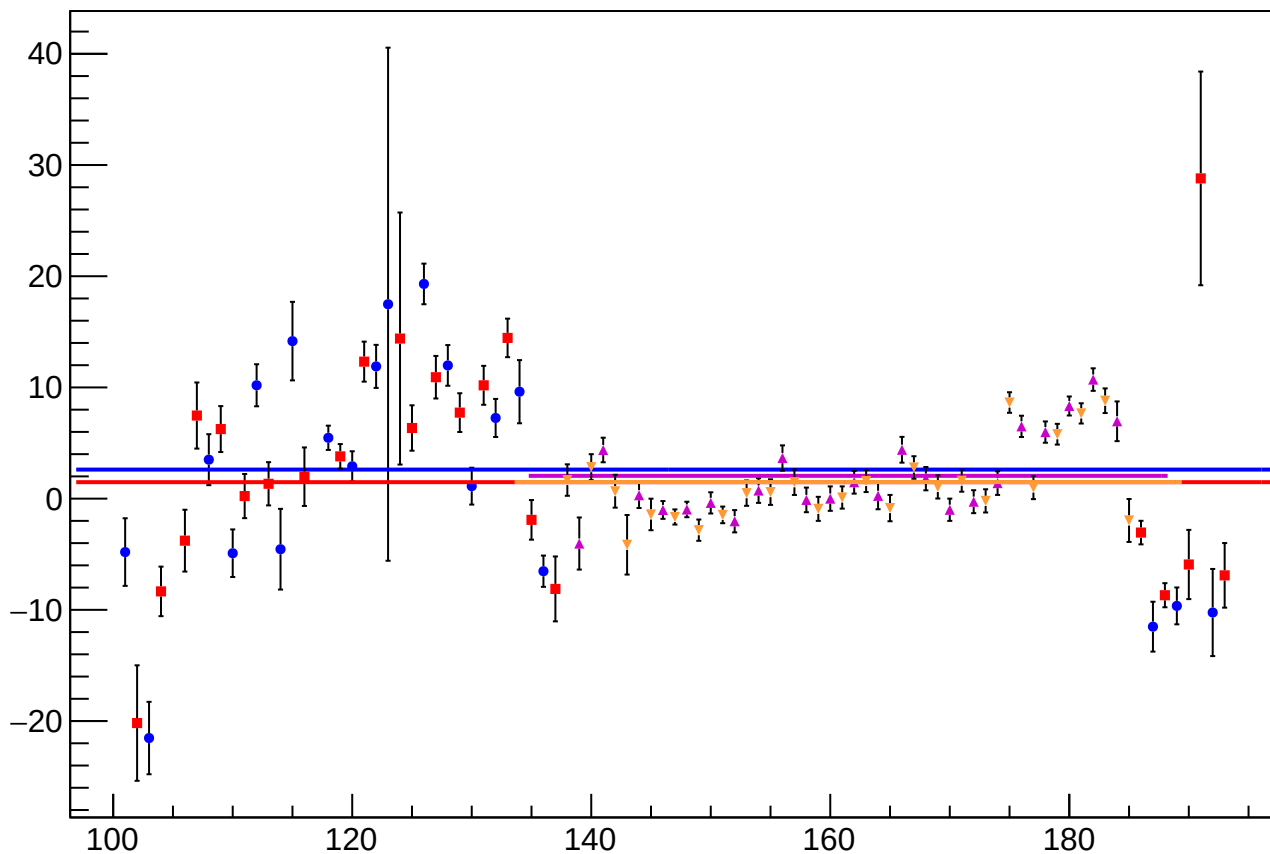
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 54.045 $\pm$ 0.980 χ^2 /NDF: 149.0/2
 Left Out: -1.540 $\pm$ 0.268 χ^2 /NDF: 4129.1/24
 Right Out: 53.342 $\pm$ 0.552 χ^2 /NDF: 999.8/4
 Left In: -2.244 $\pm$ 0.270 χ^2 /NDF: 2561.6/22

+ sign 2.323 $\pm$ 0.258 χ^2 /NDF: 7273.9/27
 All: 5.594 $\pm$ 0.177 χ^2 /NDF: 19335.7/55
 - sign 8.471 $\pm$ 0.242 χ^2 /NDF: 11760.1/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 2.612 ± 0.436 $\chi^2/\text{NDF}: 405.8/19$

Left Out: 1.492 ± 0.210 $\chi^2/\text{NDF}: 258.3/24$

Right Out: 1.481 ± 0.395 $\chi^2/\text{NDF}: 358.7/22$

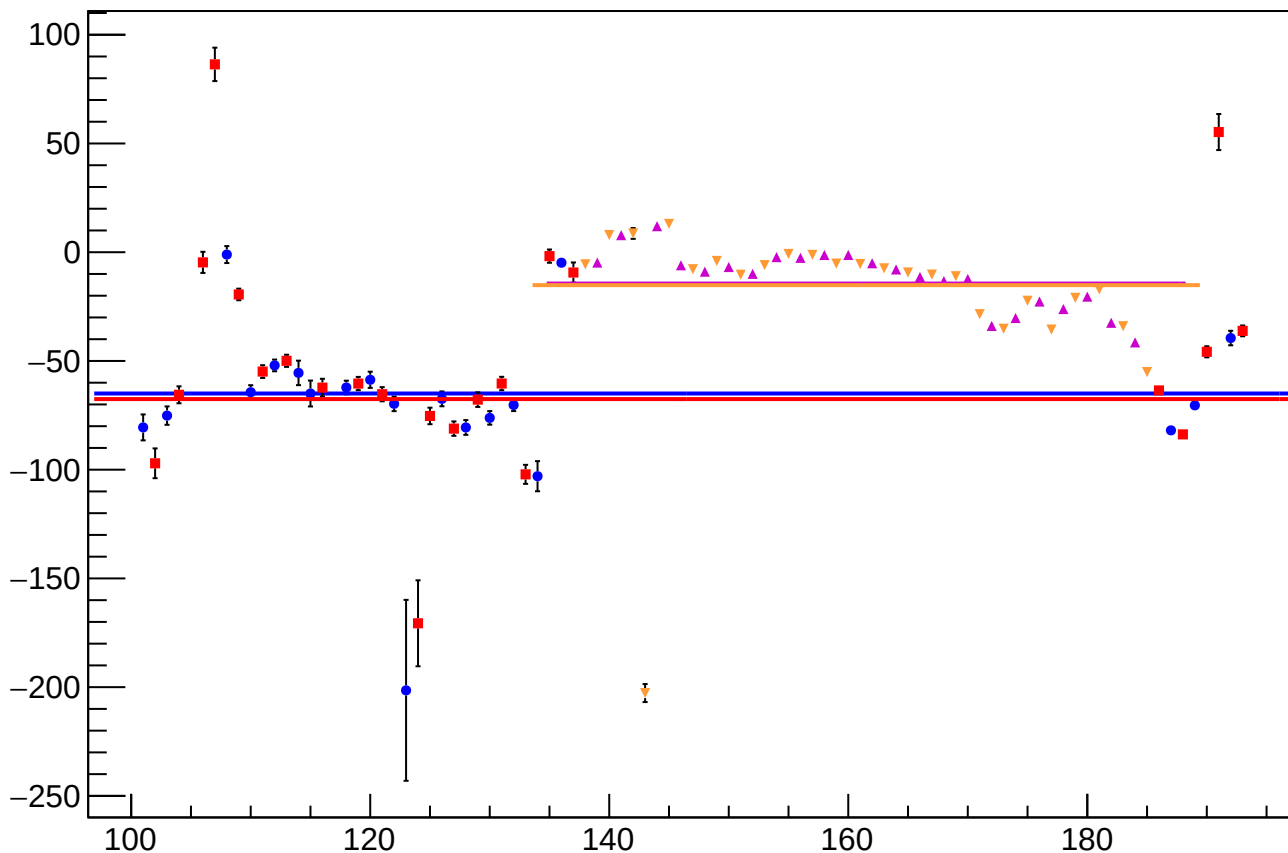
Left In: 2.051 ± 0.215 $\chi^2/\text{NDF}: 275.4/22$

+ sign 1.704 ± 0.189 $\chi^2/\text{NDF}: 669.5/44$

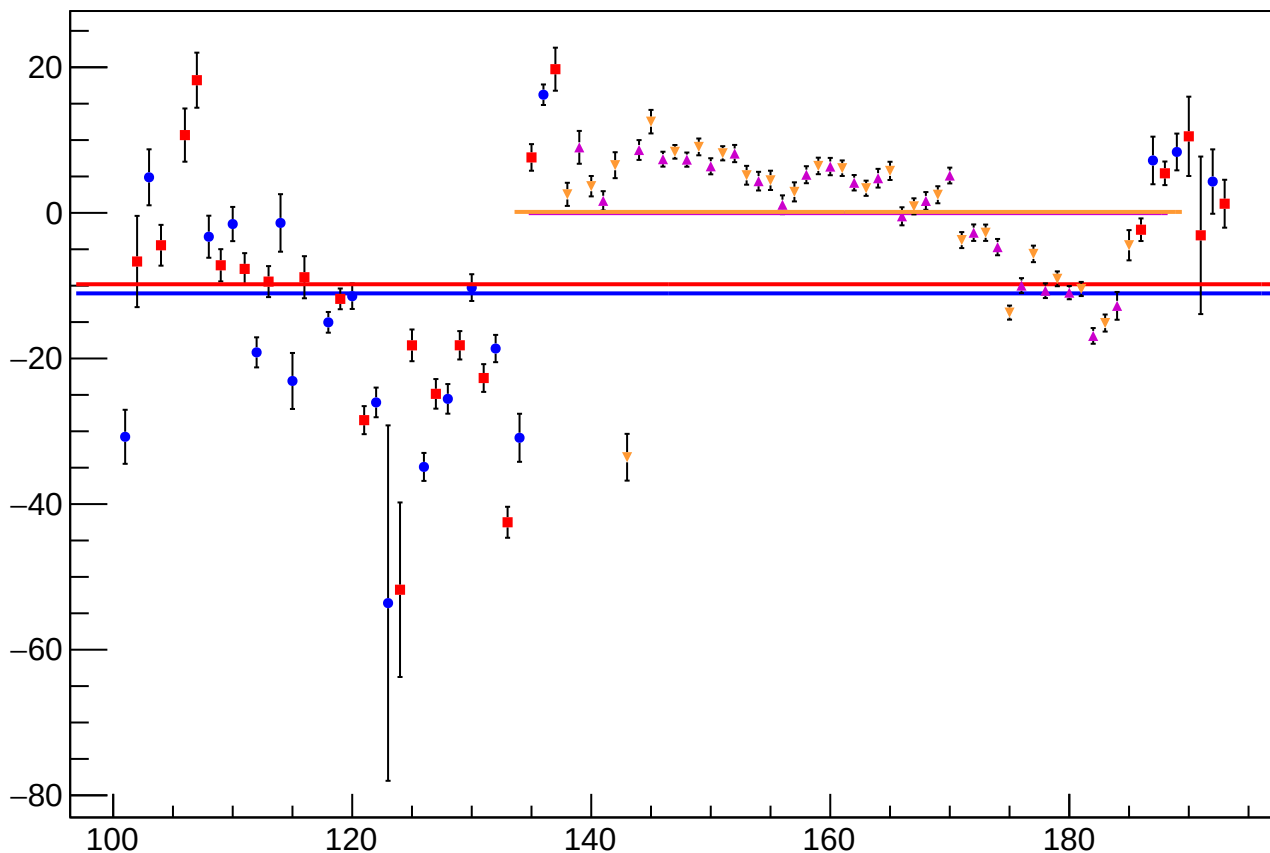
All: 1.813 ± 0.134 $\chi^2/\text{NDF}: 1305.9/90$

- sign 1.921 ± 0.189 $\chi^2/\text{NDF}: 635.7/45$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -11.058 ± 0.509 χ^2/NDF : 899.3/19

Left Out: 0.133 ± 0.238 χ^2/NDF : 1146.9/24

Right Out: -9.803 ± 0.478 χ^2/NDF : 898.7/22

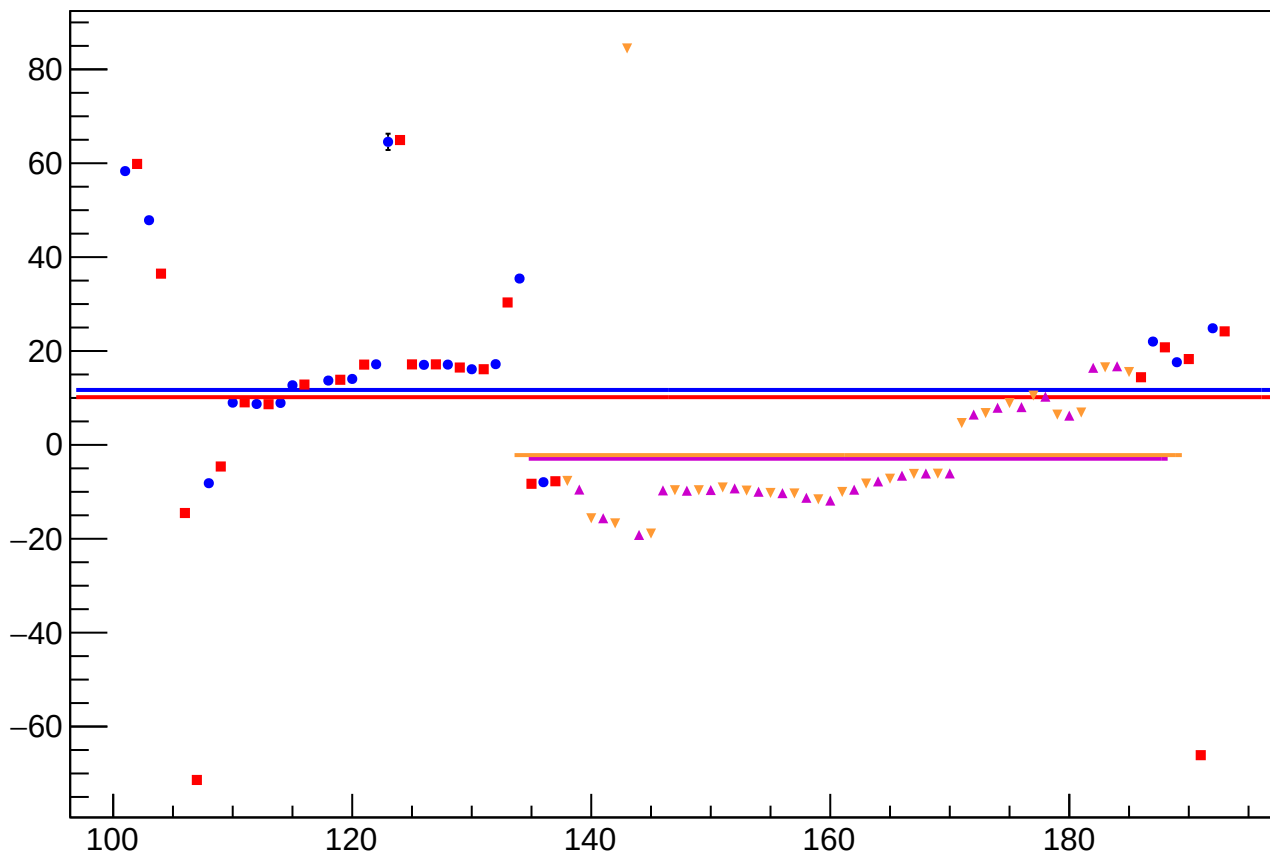
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.880 ± 0.216 χ^2/NDF : 2442.6/44

All: -1.957 ± 0.153 χ^2/NDF : 4701.5/90

- sign -2.035 ± 0.216 χ^2/NDF : 2258.6/45

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 11.703 $\pm$ 0.029 χ^2 /NDF: 397608.6/19

Left Out: -2.176 $\pm$ 0.011 χ^2 /NDF: 1047394.9/24

Right Out: 10.164 $\pm$ 0.027 χ^2 /NDF: 650091.6/22

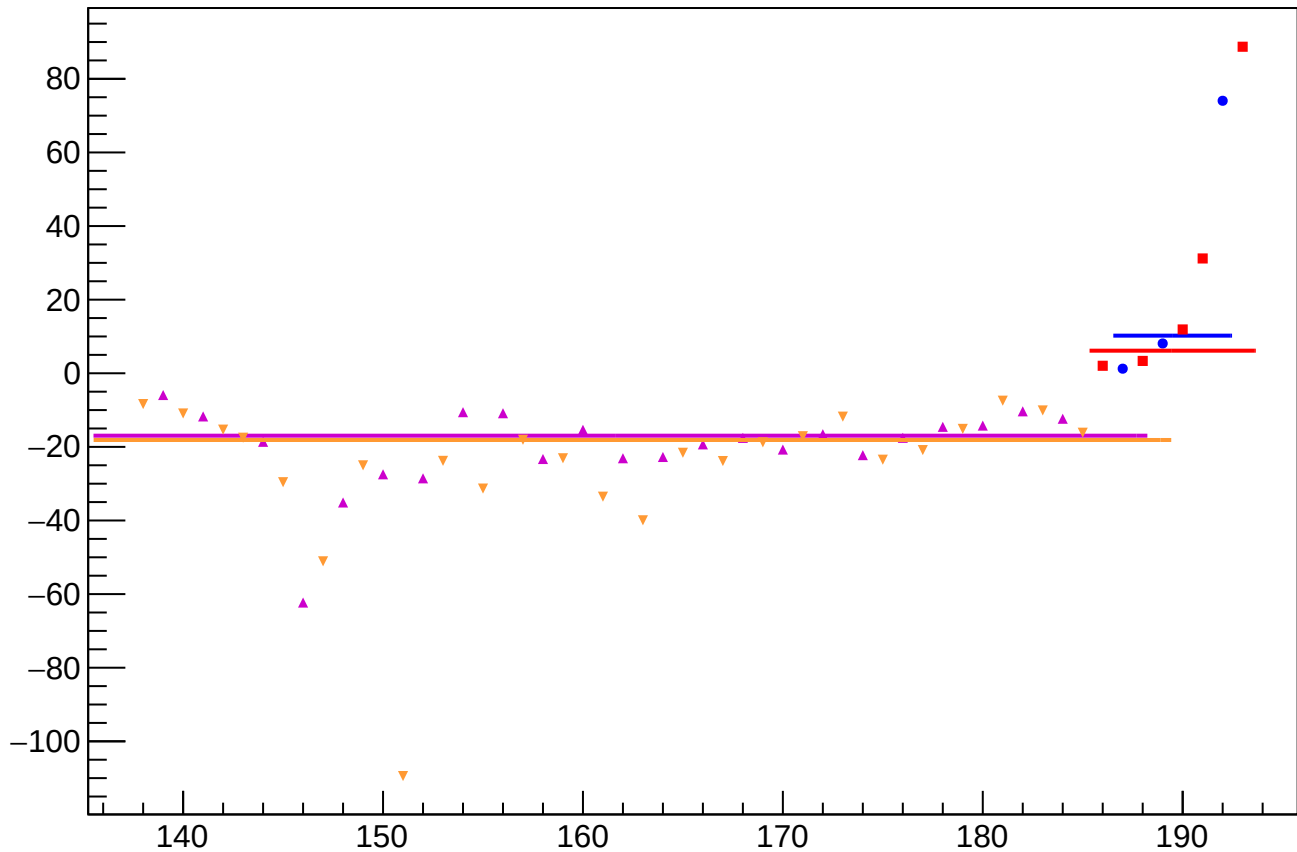
Left In: -2.949 $\pm$ 0.011 χ^2 /NDF: 770702.4/22

+ sign -0.399 $\pm$ 0.010 χ^2 /NDF: 1651727.0/44

All: -0.742 $\pm$ 0.007 χ^2 /NDF: 3279103.3/90

- sign -1.080 $\pm$ 0.010 χ^2 /NDF: 1625130.3/45

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 10.224 $\pm$ 0.181 χ^2 /NDF: 10447.6/2

Left Out: -18.127 $\pm$ 0.039 χ^2 /NDF: 88514.4/24

Right Out: 6.140 $\pm$ 0.091 χ^2 /NDF: 23801.7/4

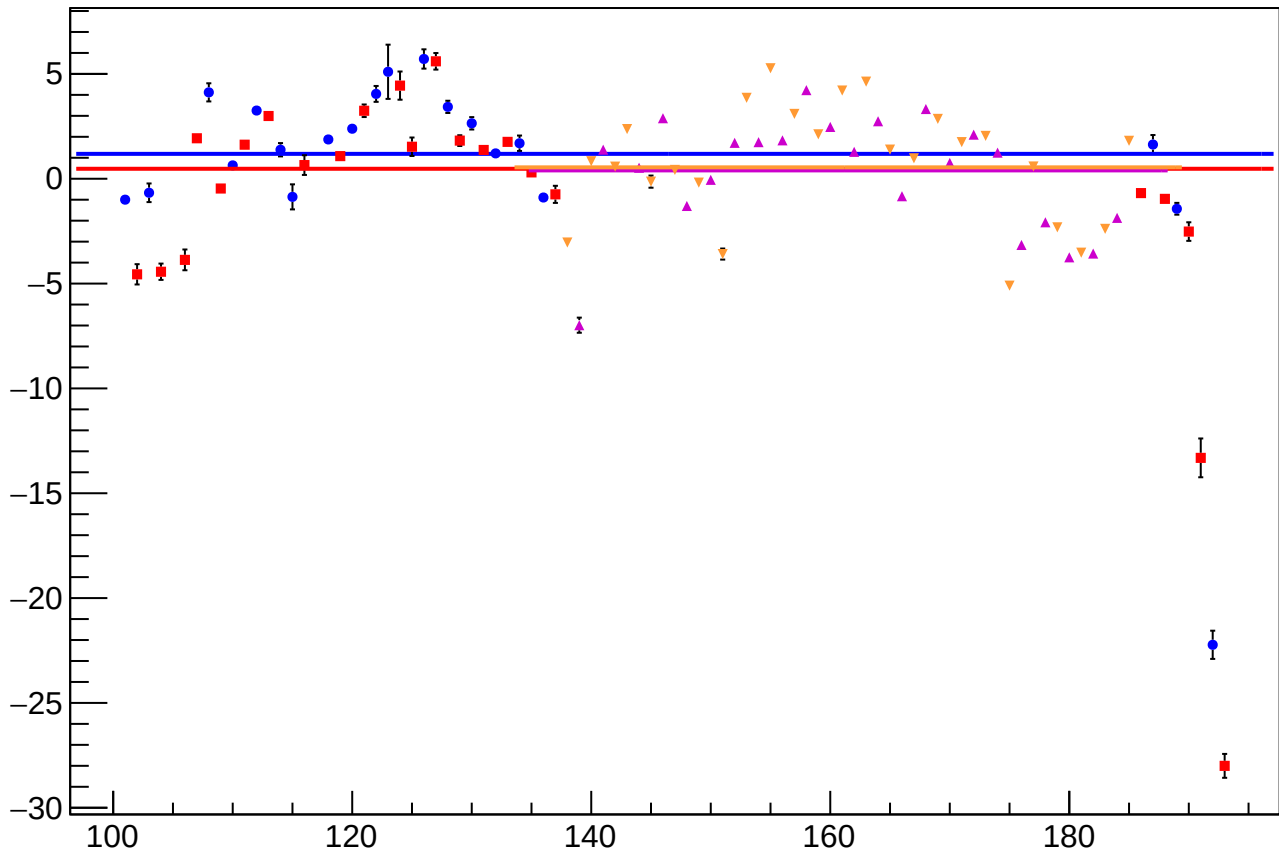
Left In: -16.958 $\pm$ 0.038 χ^2 /NDF: 44759.9/22

+ sign -16.866 $\pm$ 0.038 χ^2 /NDF: 122519.4/27

All: -15.065 $\pm$ 0.026 χ^2 /NDF: 249929.3/55

- sign -13.537 $\pm$ 0.035 χ^2 /NDF: 123275.7/27

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.187 ± 0.059 χ^2/NDF : 2032.6/19

Left Out: 0.543 ± 0.032 χ^2/NDF : 7067.6/24

Right Out: 0.475 ± 0.053 χ^2/NDF : 3930.7/22

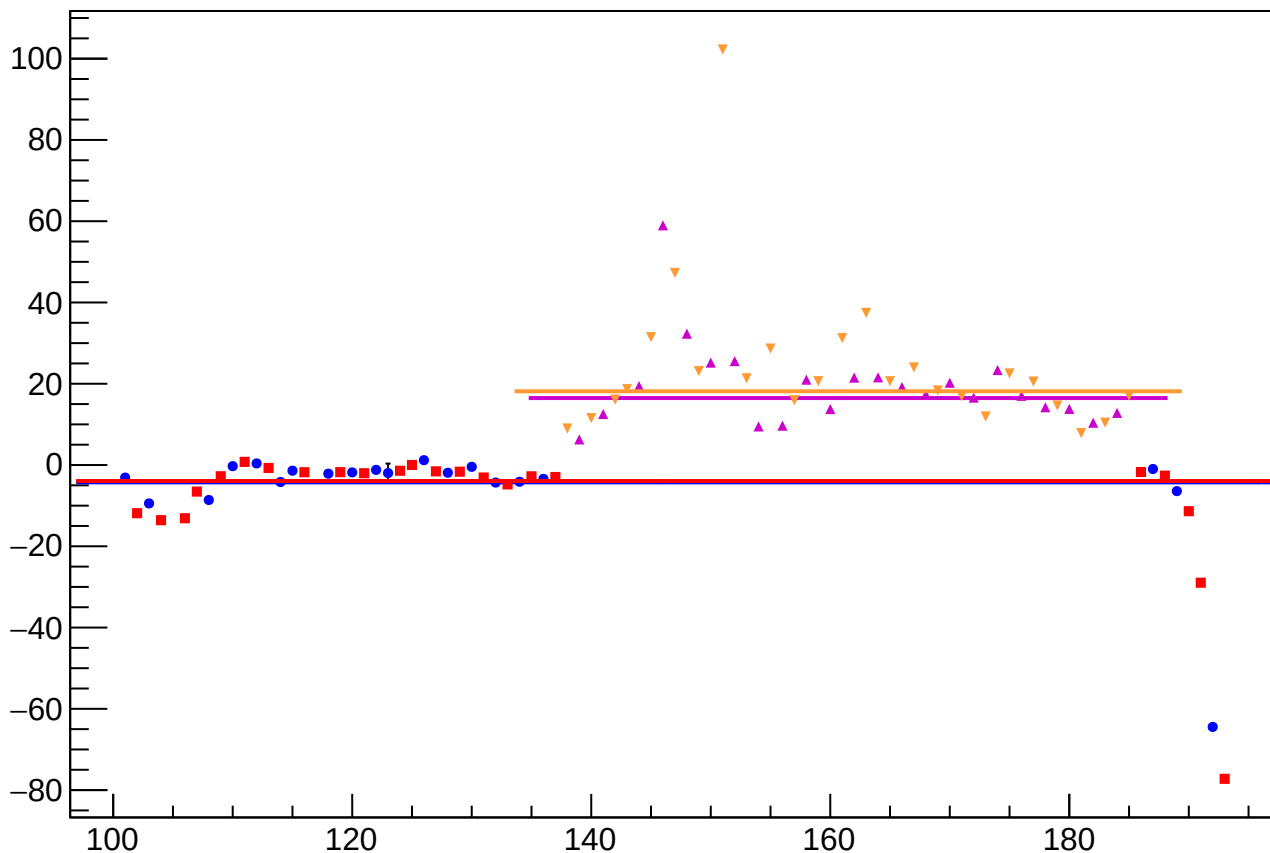
Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

+ sign 0.693 ± 0.028 χ^2/NDF : 9191.8/44

All: 0.546 ± 0.019 χ^2/NDF : 19460.5/90

- sign 0.418 ± 0.026 χ^2/NDF : 10218.6/45

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -4.262 ± 0.089 $\chi^2/\text{NDF}: 12094.4/19$

Left Out: 18.147 ± 0.039 $\chi^2/\text{NDF}: 77805.7/24$

Right Out: -3.937 ± 0.060 $\chi^2/\text{NDF}: 25430.1/22$

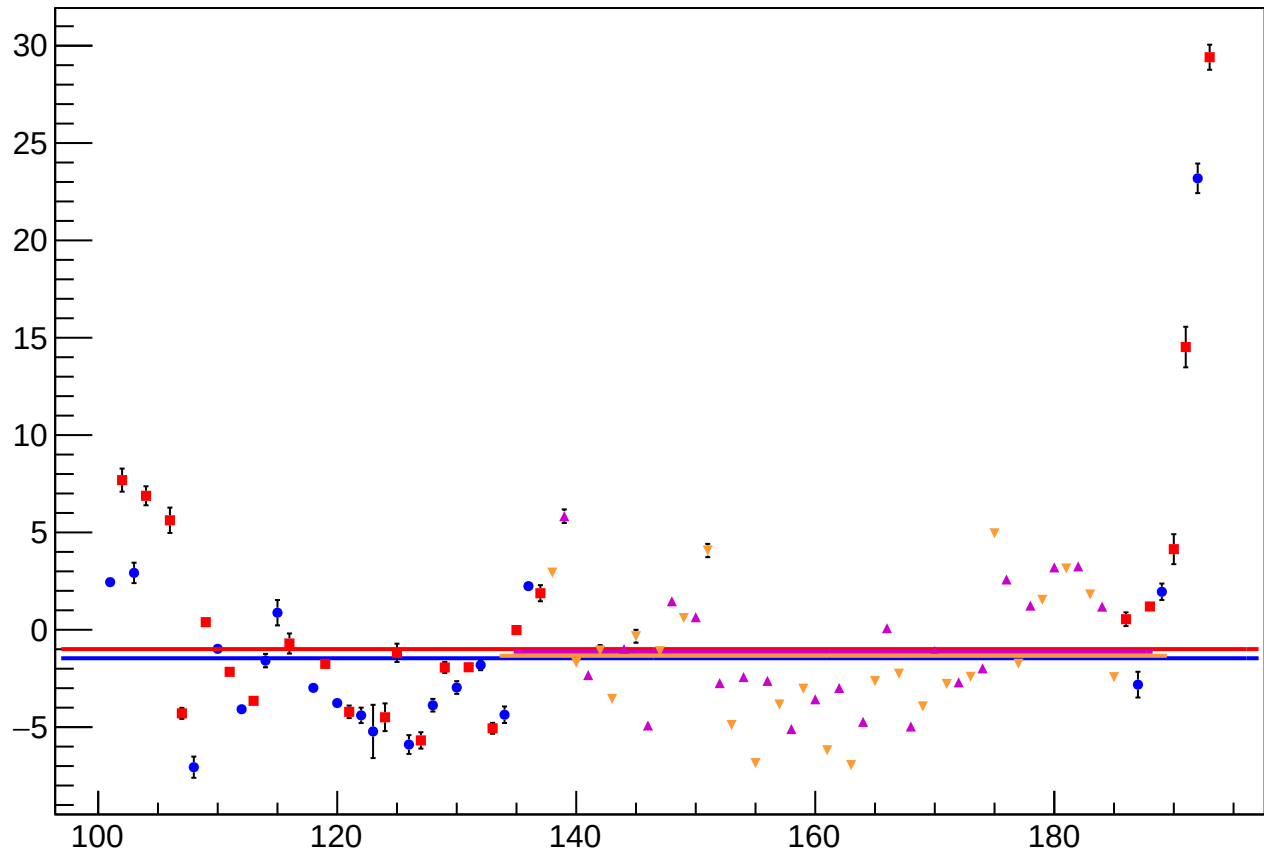
Left In: 16.477 ± 0.038 $\chi^2/\text{NDF}: 41326.5/22$

+ sign 14.535 ± 0.036 $\chi^2/\text{NDF}: 142758.4/44$

All: 12.360 ± 0.024 $\chi^2/\text{NDF}: 300148.4/90$

- sign 10.648 ± 0.032 $\chi^2/\text{NDF}: 150811.8/45$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.463 ± 0.069 χ^2/NDF : 2484.2/19

Left Out: -1.338 ± 0.036 χ^2/NDF : 7920.8/24

Right Out: -0.992 ± 0.062 χ^2/NDF : 4163.6/22

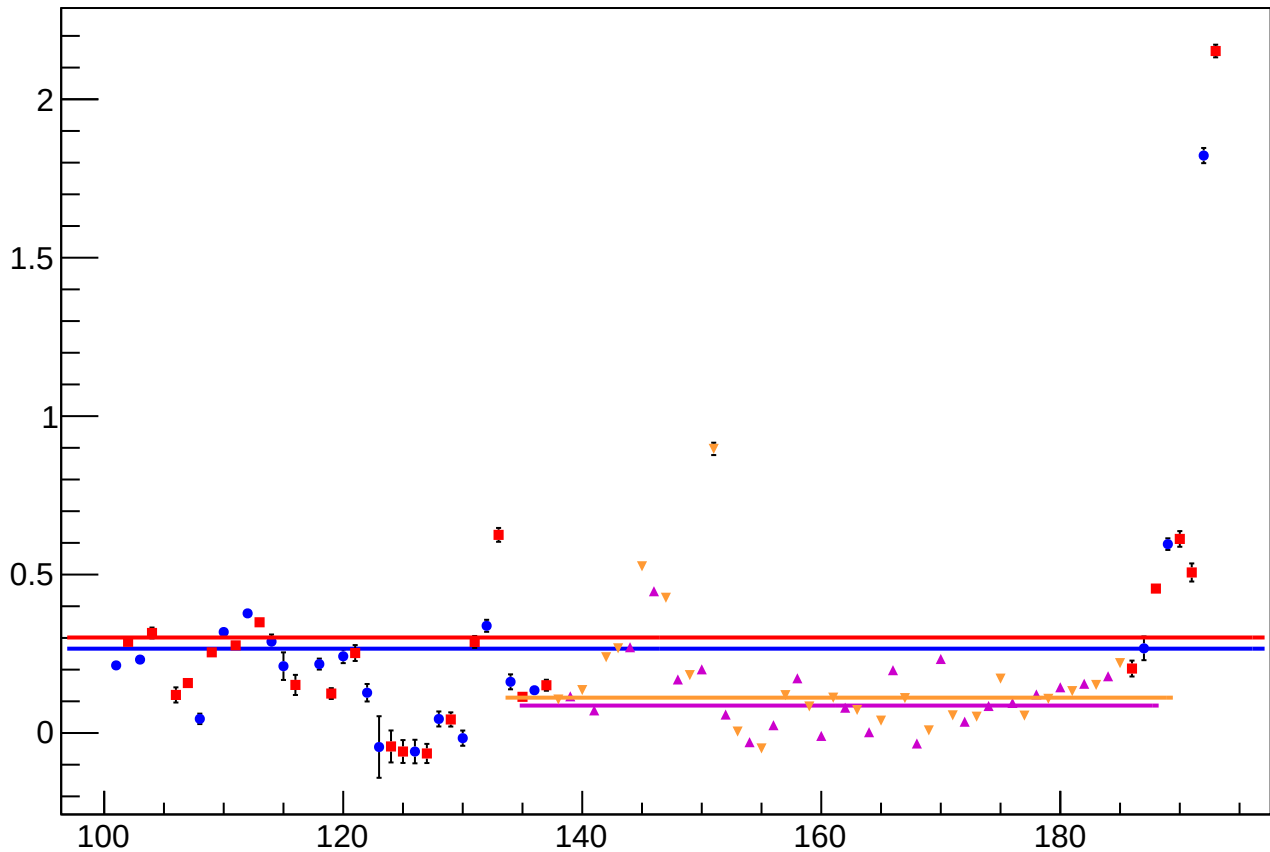
Left In: -1.129 ± 0.034 χ^2/NDF : 6778.7/22

+ sign -1.365 ± 0.032 χ^2/NDF : 10407.5/44

All: -1.222 ± 0.022 χ^2/NDF : 21391.2/90

- sign -1.097 ± 0.030 χ^2/NDF : 10946.0/45

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.266 $\pm$ 0.004 χ^2 /NDF: 5449.7/19

Left Out: 0.112 $\pm$ 0.002 χ^2 /NDF: 4459.9/24

Right Out: 0.301 $\pm$ 0.003 χ^2 /NDF: 10531.2/22

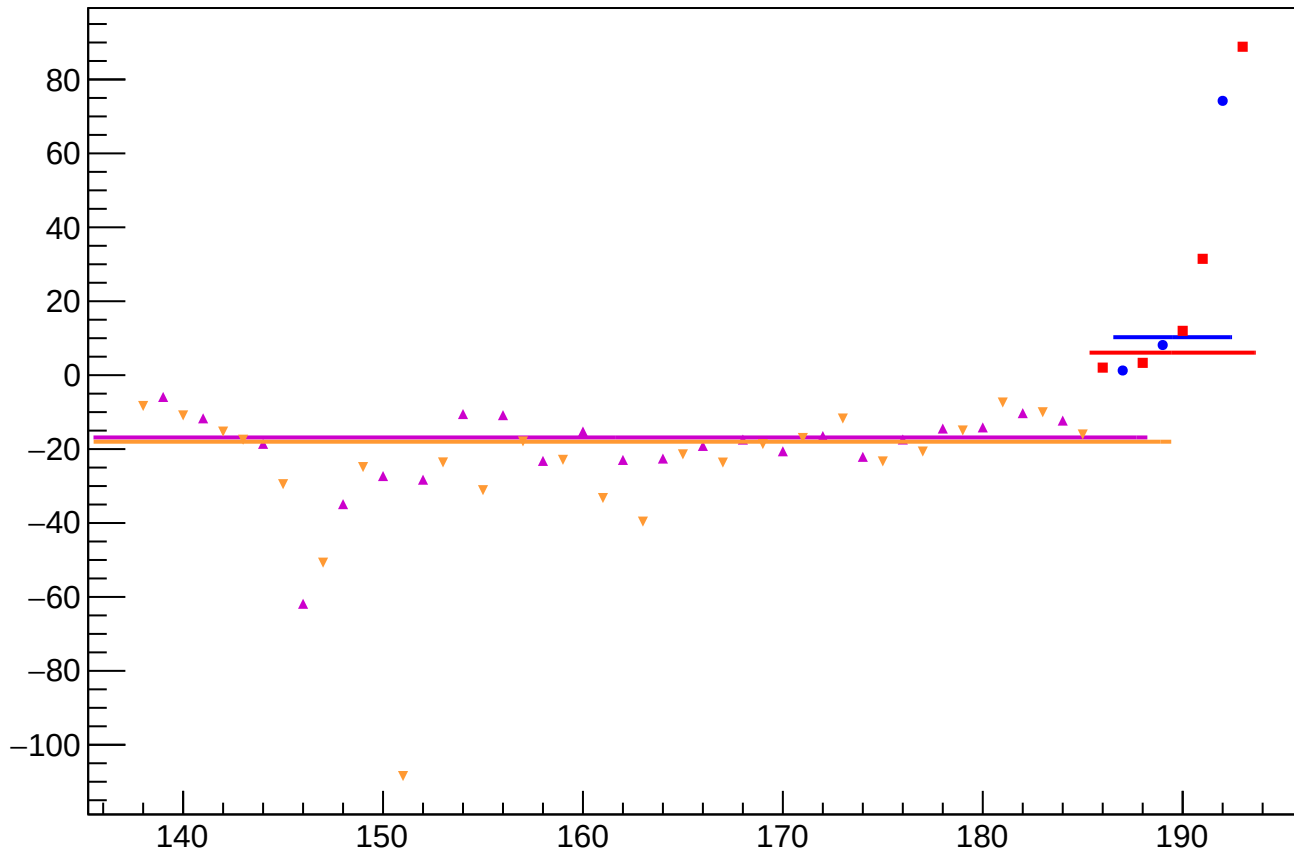
Left In: 0.087 $\pm$ 0.001 χ^2 /NDF: 3661.4/22

+ sign 0.133 $\pm$ 0.001 χ^2 /NDF: 11221.5/44

All: 0.127 $\pm$ 0.001 χ^2 /NDF: 28779.5/90

- sign 0.121 $\pm$ 0.001 χ^2 /NDF: 17521.7/45

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 10.272 ± 0.180 χ^2/NDF : 10570.5/2

Left Out: -18.004 ± 0.039 χ^2/NDF : 88352.2/24

Right Out: 6.090 ± 0.090 χ^2/NDF : 24137.7/4

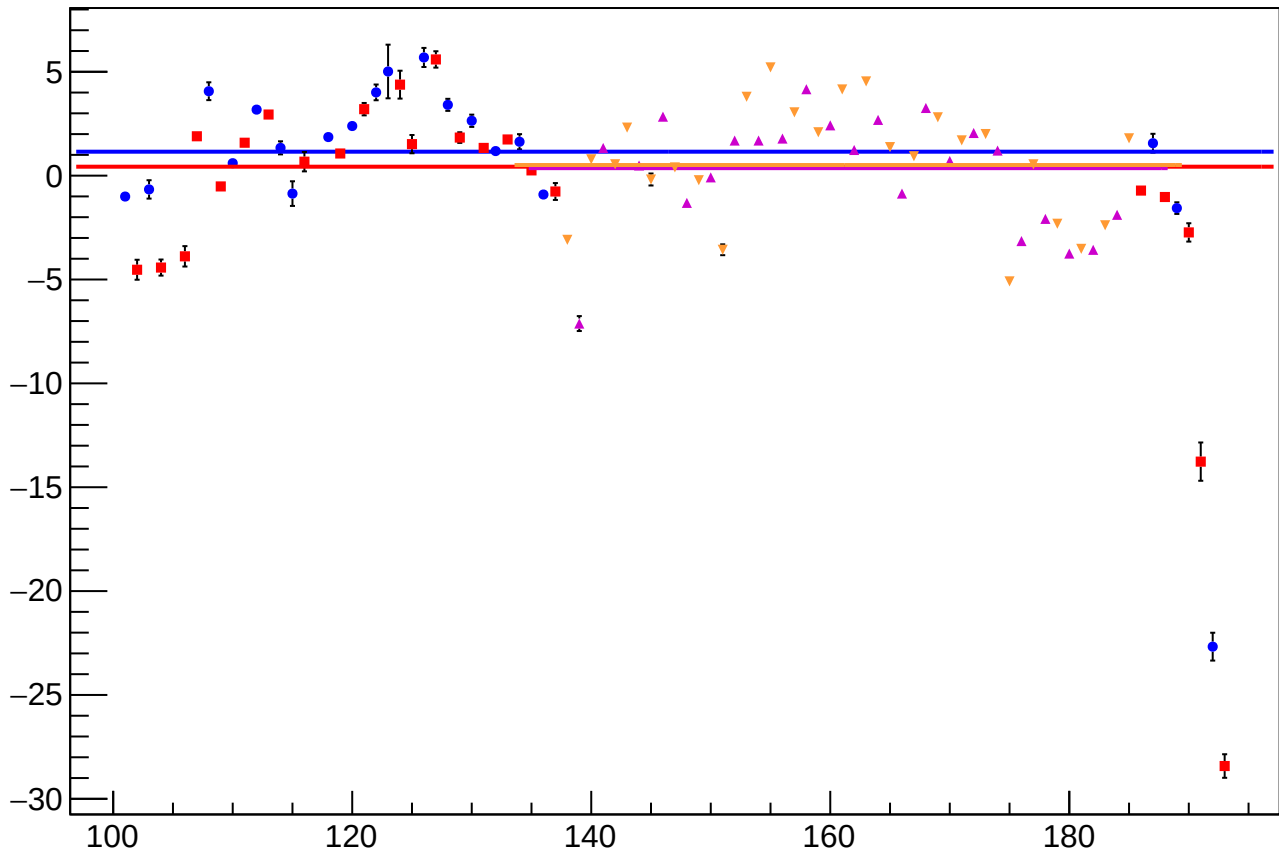
Left In: -16.854 ± 0.038 χ^2/NDF : 44680.7/22

+ sign -16.754 ± 0.038 χ^2/NDF : 122551.0/27

All: -14.954 ± 0.026 χ^2/NDF : 250692.2/55

- sign -13.429 ± 0.035 χ^2/NDF : 123959.4/27

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.153 ± 0.059 χ^2/NDF : 2093.0/19

Left Out: 0.511 ± 0.032 χ^2/NDF : 7053.0/24

Right Out: 0.431 ± 0.052 χ^2/NDF : 4056.9/22

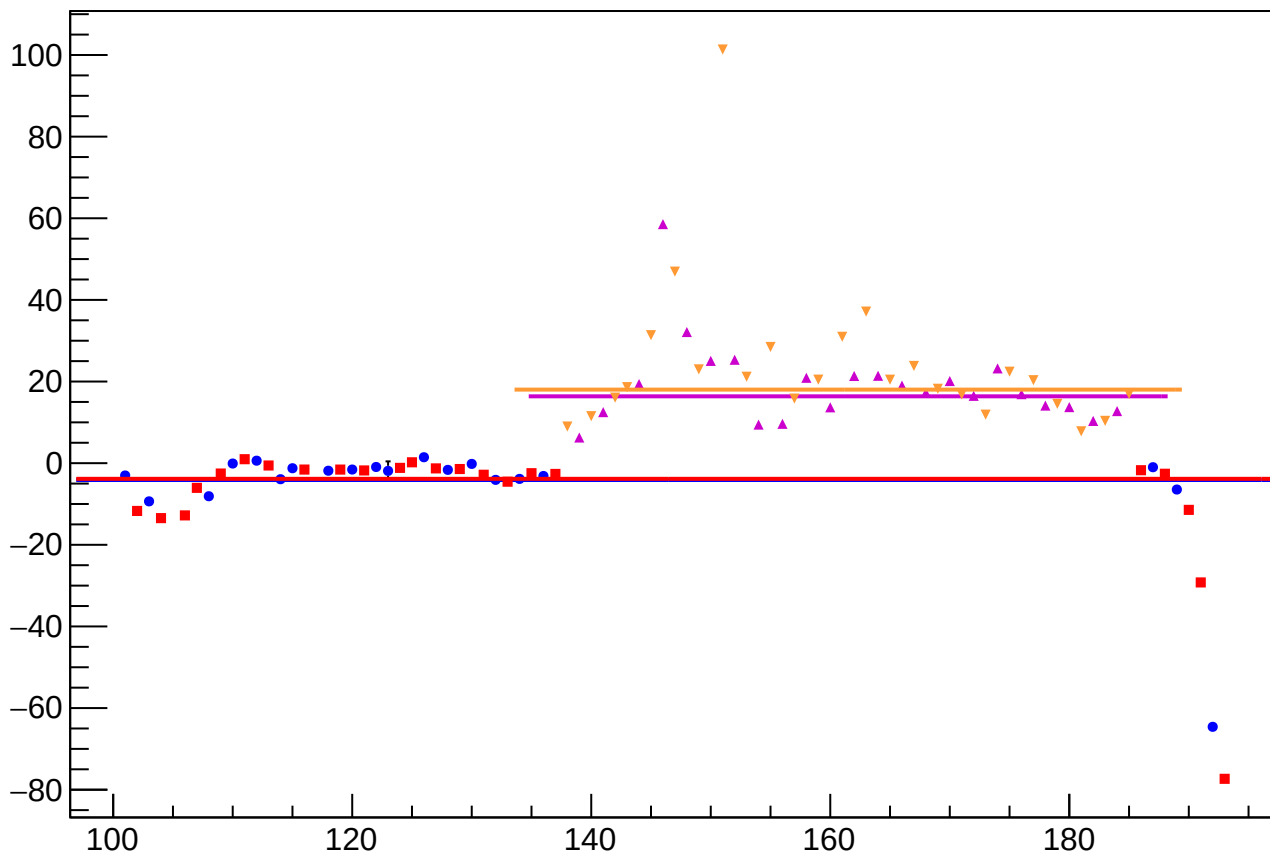
Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

+ sign 0.660 ± 0.028 χ^2/NDF : 9238.0/44

All: 0.509 ± 0.019 χ^2/NDF : 19622.8/90

- sign 0.378 ± 0.026 χ^2/NDF : 10331.7/45

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -4.126 ± 0.089 $\chi^2/\text{NDF}: 12318.5/19$

Left Out: 18.023 ± 0.039 $\chi^2/\text{NDF}: 77674.0/24$

Right Out: -3.836 ± 0.059 $\chi^2/\text{NDF}: 25827.6/22$

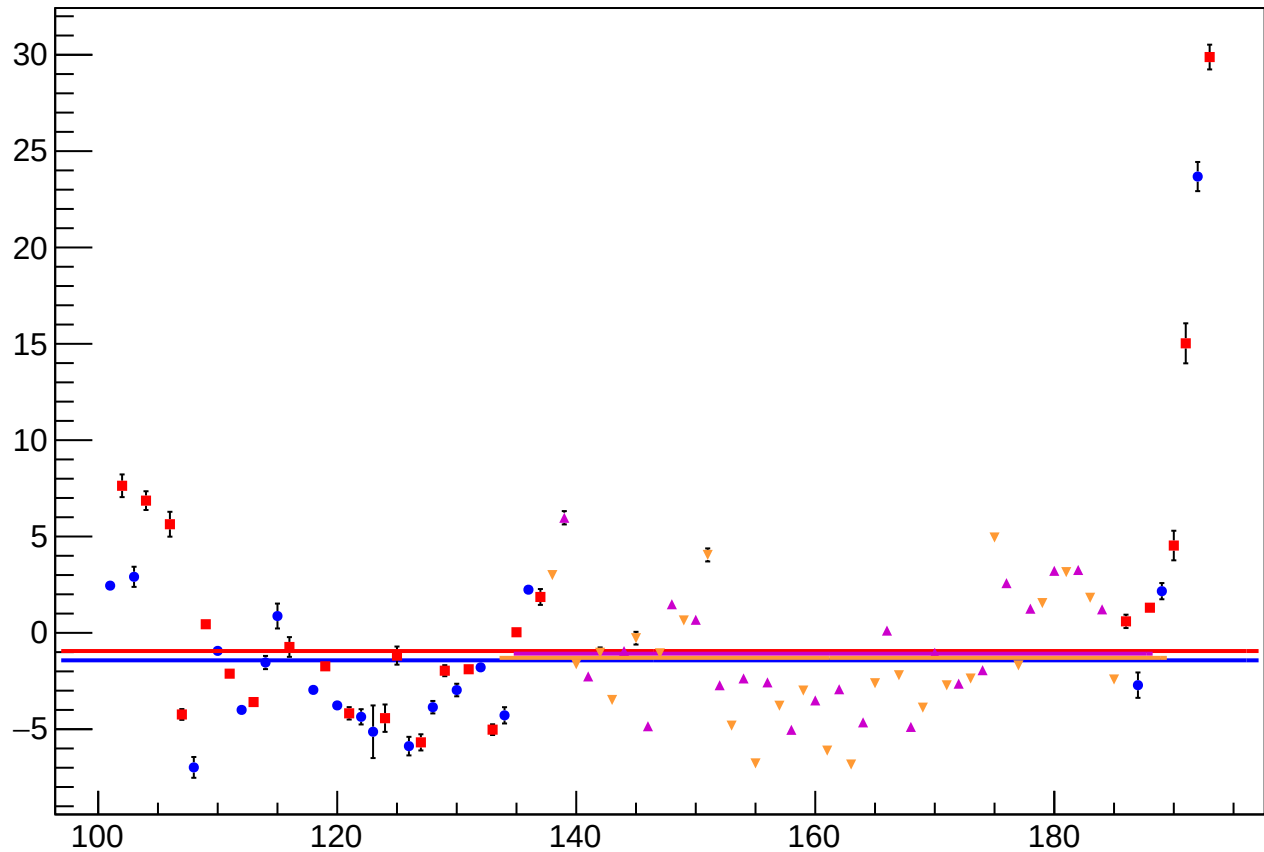
Left In: 16.377 ± 0.037 $\chi^2/\text{NDF}: 41253.5/22$

+ sign 14.467 ± 0.036 $\chi^2/\text{NDF}: 142152.9/44$

All: 12.293 ± 0.024 $\chi^2/\text{NDF}: 299715.0/90$

- sign 10.584 ± 0.032 $\chi^2/\text{NDF}: 150903.0/45$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.427 ± 0.068 χ^2/NDF : 2536.7/19

Left Out: -1.297 ± 0.036 χ^2/NDF : 7903.2/24

Right Out: -0.944 ± 0.062 χ^2/NDF : 4285.7/22

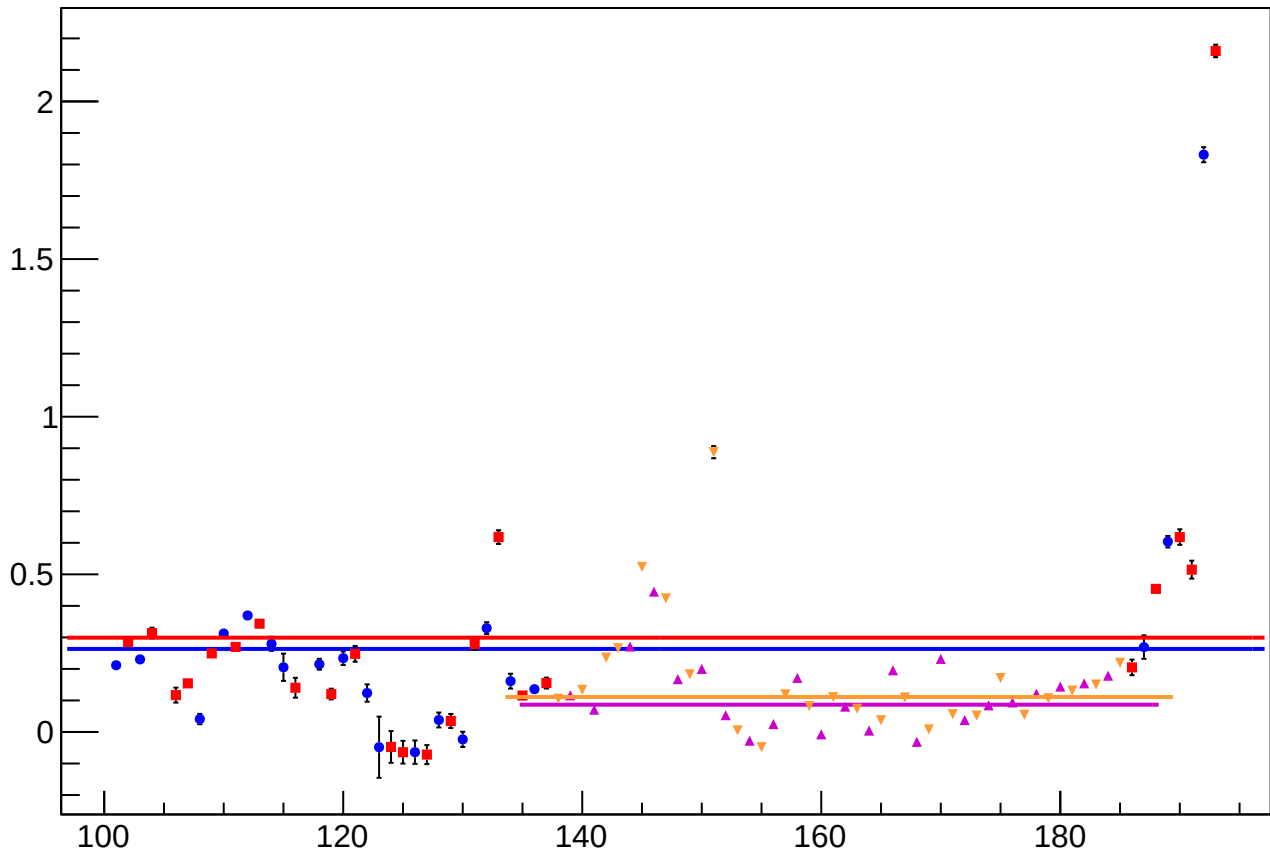
Left In: -1.081 ± 0.034 χ^2/NDF : 6764.0/22

+ sign -1.325 ± 0.032 χ^2/NDF : 10442.7/44

All: -1.178 ± 0.022 χ^2/NDF : 21536.8/90

- sign -1.049 ± 0.030 χ^2/NDF : 11053.6/45

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.264 ± 0.004 $\chi^2/\text{NDF}: 5560.9/19$

Left Out: 0.111 ± 0.002 $\chi^2/\text{NDF}: 4452.0/24$

Right Out: 0.299 ± 0.003 $\chi^2/\text{NDF}: 10721.0/22$

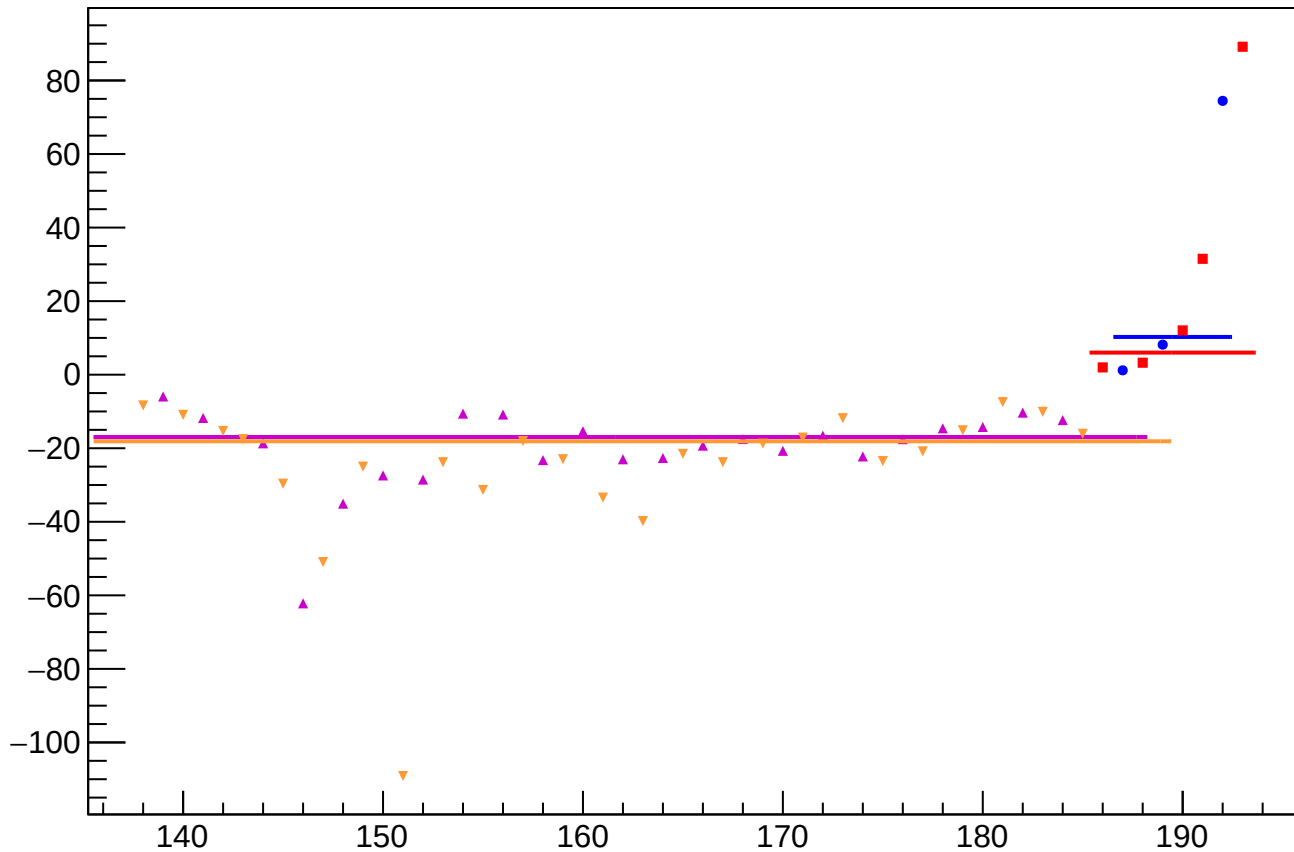
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3631.4/22$

+ sign 0.132 ± 0.001 $\chi^2/\text{NDF}: 11305.3/44$

All: 0.126 ± 0.001 $\chi^2/\text{NDF}: 28986.2/90$

- sign 0.121 ± 0.001 $\chi^2/\text{NDF}: 17647.7/45$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 10.264 ± 0.181 $\chi^2/\text{NDF}: 10586.0/2$

Left Out: -18.112 ± 0.039 $\chi^2/\text{NDF}: 88488.2/24$

Right Out: 6.006 ± 0.090 $\chi^2/\text{NDF}: 24158.2/4$

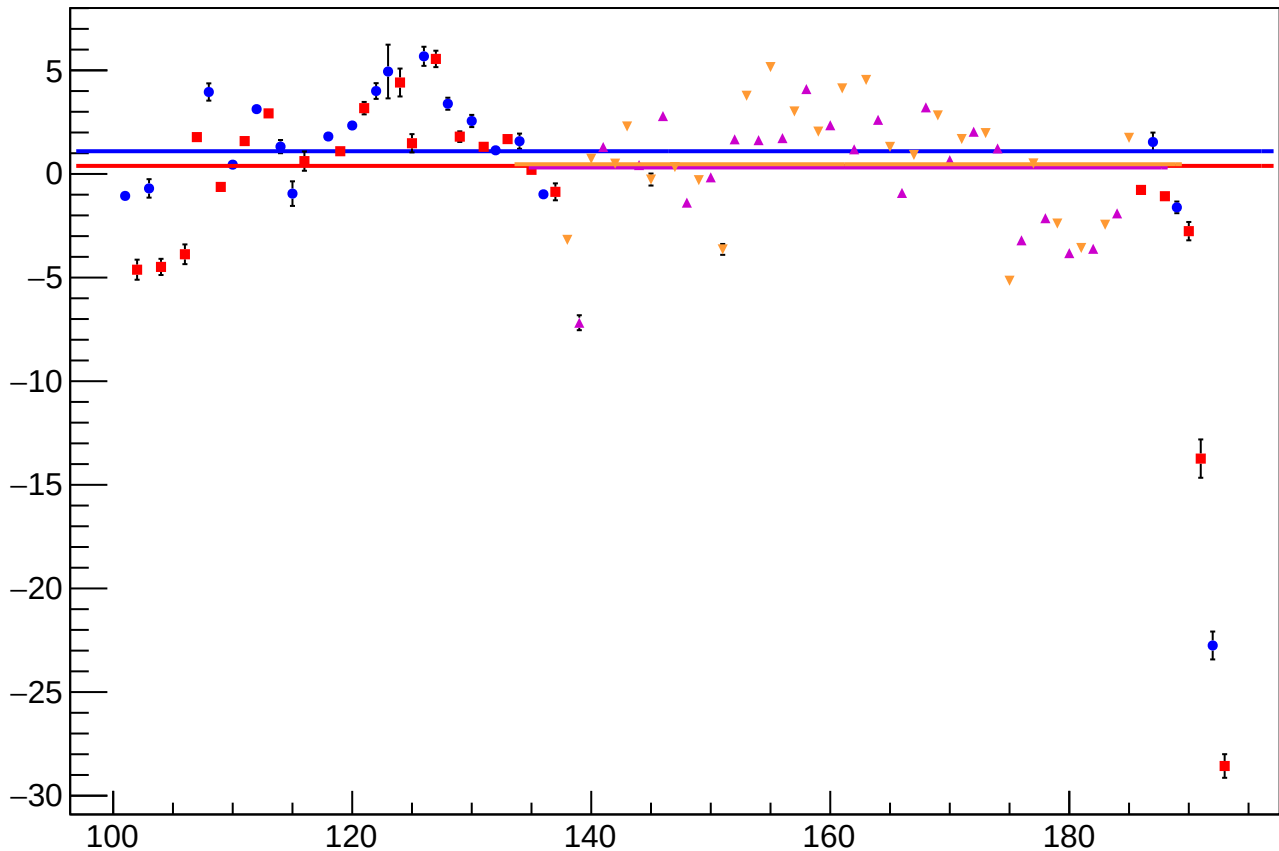
Left In: -16.945 ± 0.038 $\chi^2/\text{NDF}: 44756.2/22$

+ sign -16.857 ± 0.038 $\chi^2/\text{NDF}: 122685.0/27$

All: -15.032 ± 0.026 $\chi^2/\text{NDF}: 251089.7/55$

- sign -13.489 ± 0.035 $\chi^2/\text{NDF}: 124144.8/27$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.097 ± 0.059 χ^2/NDF : 2090.8/19

Left Out: 0.469 ± 0.032 χ^2/NDF : 7076.8/24

Right Out: 0.389 ± 0.053 χ^2/NDF : 4058.9/22

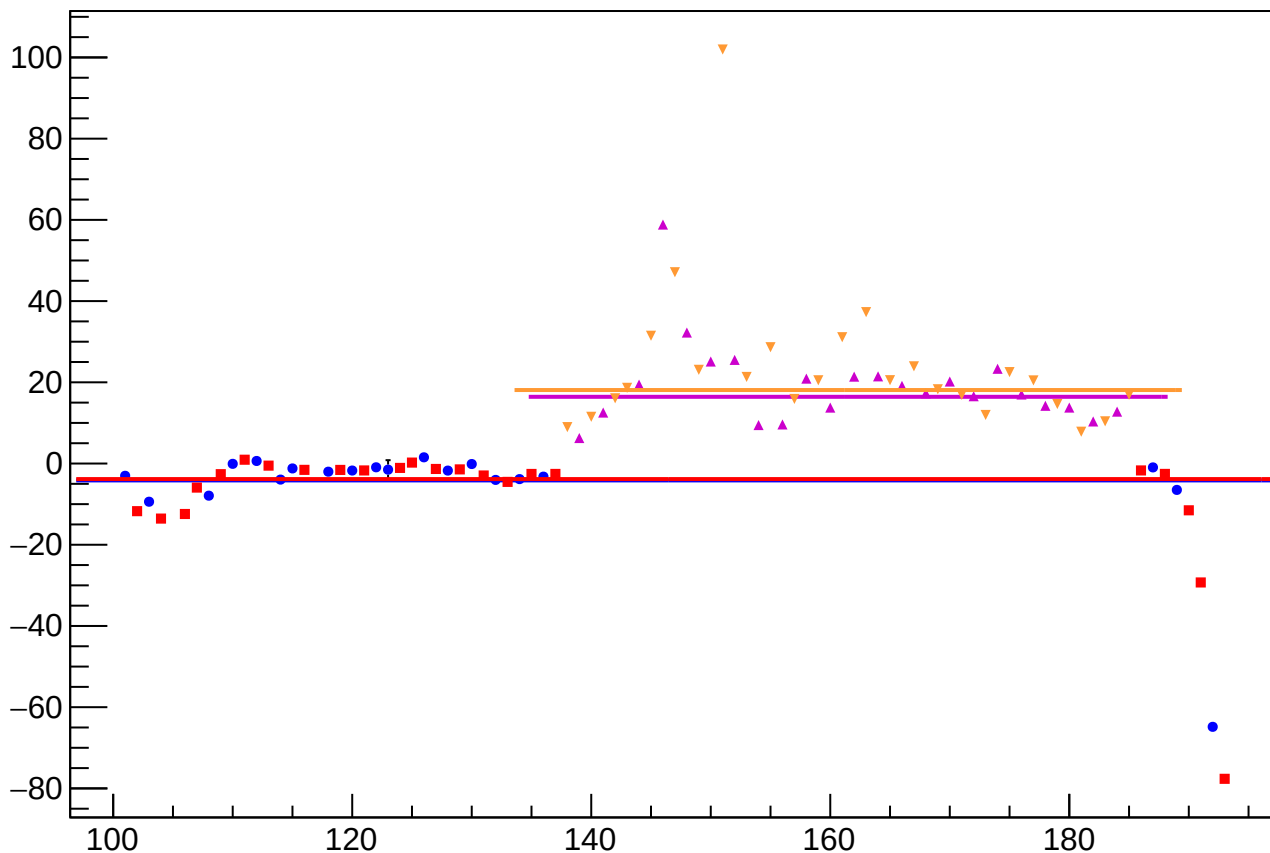
Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

+ sign 0.614 ± 0.028 χ^2/NDF : 9254.8/44

All: 0.463 ± 0.019 χ^2/NDF : 19603.3/90

- sign 0.332 ± 0.026 χ^2/NDF : 10295.5/45

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -4.156 ± 0.089 $\chi^2/\text{NDF}: 12320.6/19$

Left Out: 18.098 ± 0.039 $\chi^2/\text{NDF}: 77793.7/24$

Right Out: -3.829 ± 0.059 $\chi^2/\text{NDF}: 25811.9/22$

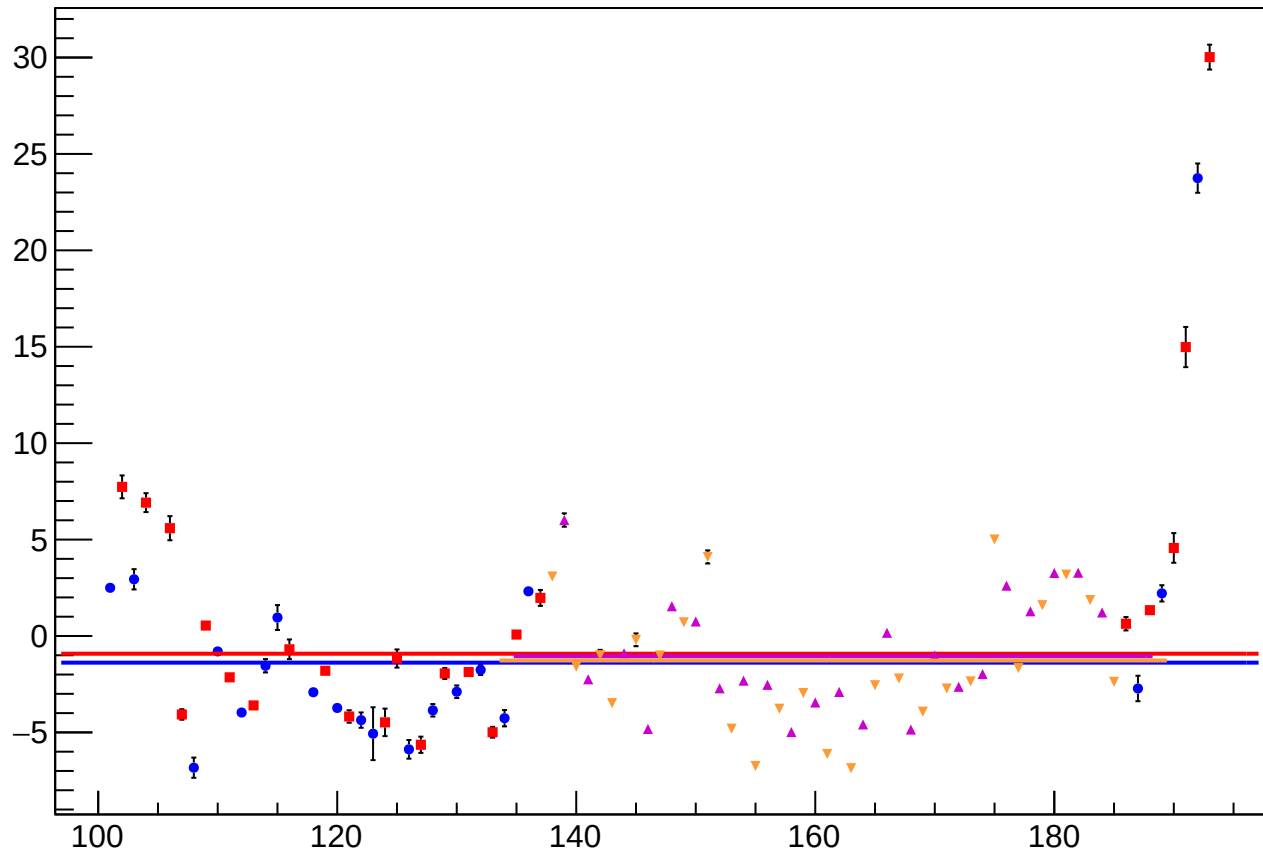
Left In: 16.431 ± 0.038 $\chi^2/\text{NDF}: 41337.1/22$

+ sign 14.528 ± 0.036 $\chi^2/\text{NDF}: 142269.3/44$

All: 12.326 ± 0.024 $\chi^2/\text{NDF}: 300104.6/90$

- sign 10.600 ± 0.032 $\chi^2/\text{NDF}: 151071.0/45$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.383 ± 0.069 χ^2/NDF : 2536.7/19

Left Out: -1.273 ± 0.036 χ^2/NDF : 7931.0/24

Right Out: -0.920 ± 0.062 χ^2/NDF : 4291.4/22

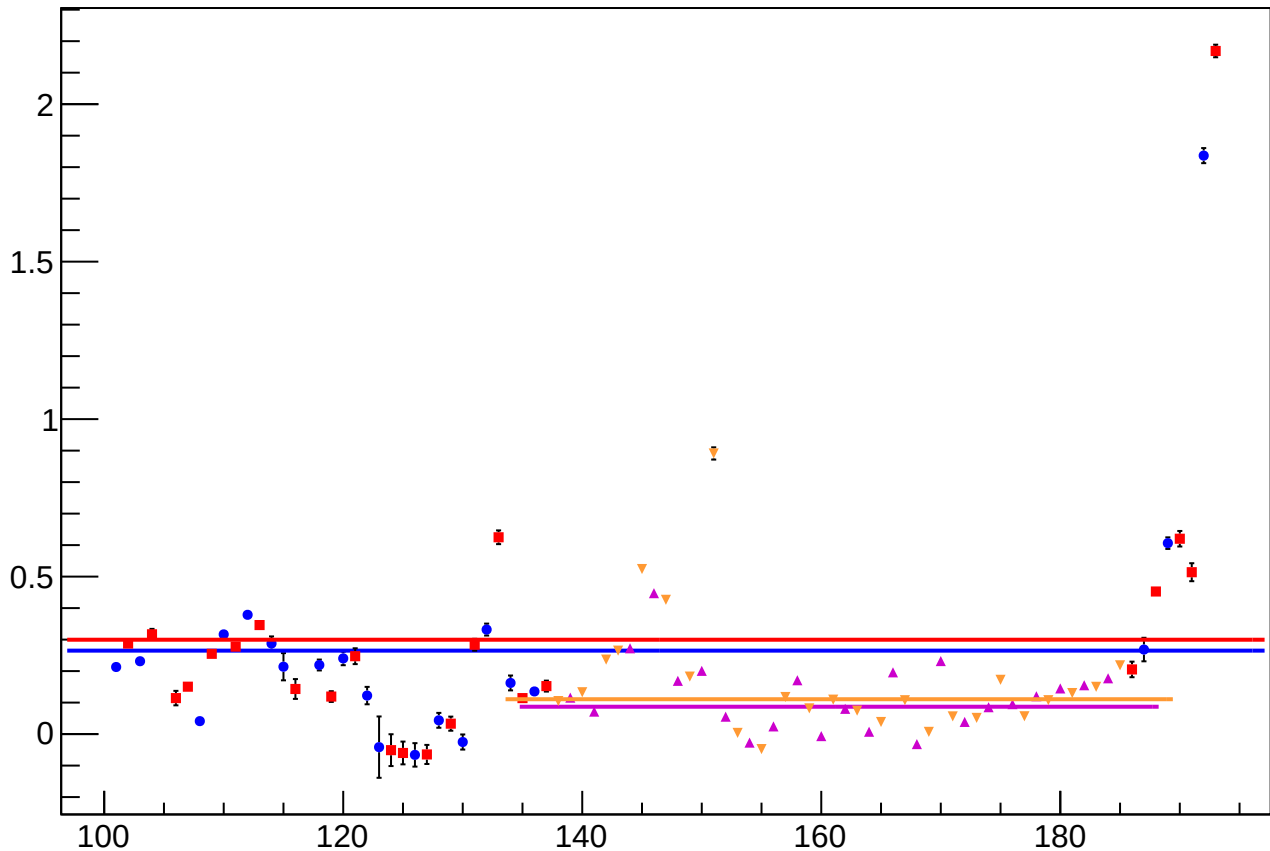
Left In: -1.050 ± 0.034 χ^2/NDF : 6713.0/22

+ sign -1.296 ± 0.032 χ^2/NDF : 10469.7/44

All: -1.149 ± 0.022 χ^2/NDF : 21517.8/90

- sign -1.020 ± 0.030 χ^2/NDF : 11007.8/45

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.265 ± 0.004 $\chi^2/\text{NDF}: 5579.6/19$

Left Out: 0.111 ± 0.002 $\chi^2/\text{NDF}: 4430.3/24$

Right Out: 0.300 ± 0.003 $\chi^2/\text{NDF}: 10742.1/22$

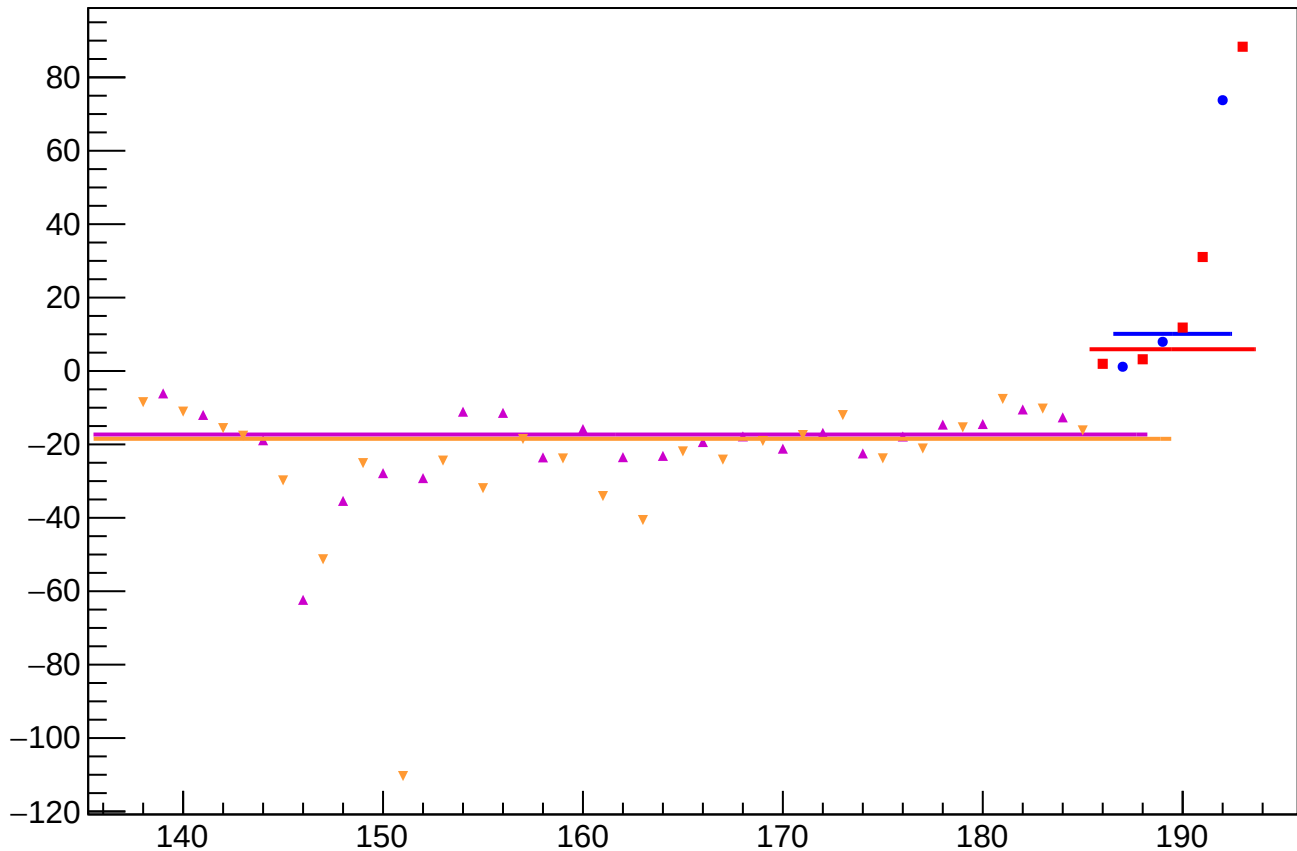
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3604.3/22$

+ sign 0.132 ± 0.001 $\chi^2/\text{NDF}: 11320.9/44$

All: 0.126 ± 0.001 $\chi^2/\text{NDF}: 28985.4/90$

- sign 0.121 ± 0.001 $\chi^2/\text{NDF}: 17633.7/45$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 10.118 ± 0.181 $\chi^2/\text{NDF}: 10347.2/2$

Left Out: -18.478 ± 0.040 $\chi^2/\text{NDF}: 87856.5/24$

Right Out: 5.925 ± 0.090 $\chi^2/\text{NDF}: 23644.9/4$

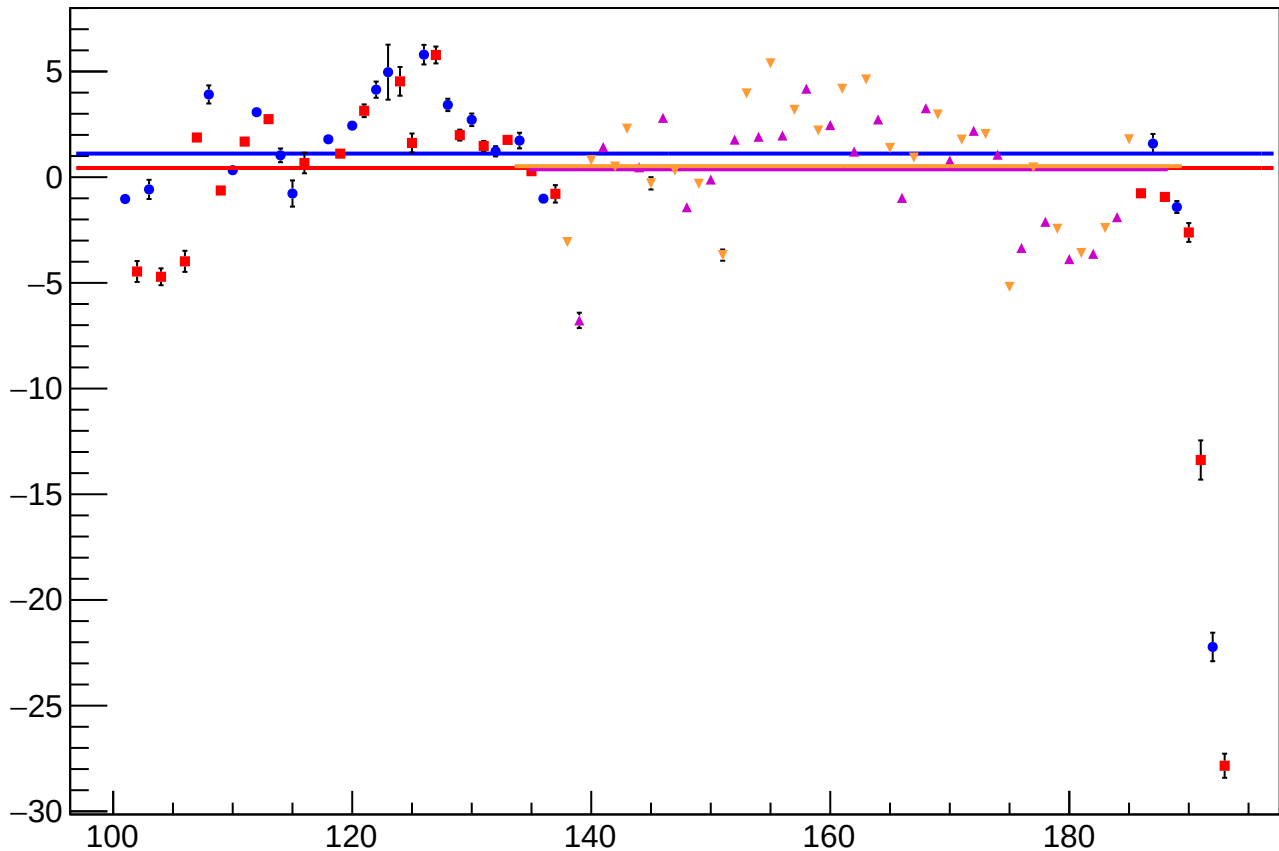
Left In: -17.309 ± 0.039 $\chi^2/\text{NDF}: 43807.0/22$

+ sign -17.165 ± 0.039 $\chi^2/\text{NDF}: 121973.8/27$

All: -15.278 ± 0.026 $\chi^2/\text{NDF}: 249690.9/55$

- sign -13.687 ± 0.036 $\chi^2/\text{NDF}: 123362.9/27$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.116 ± 0.060 χ^2/NDF : 2015.6/19

Left Out: 0.522 ± 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.434 ± 0.054 χ^2/NDF : 3883.0/22

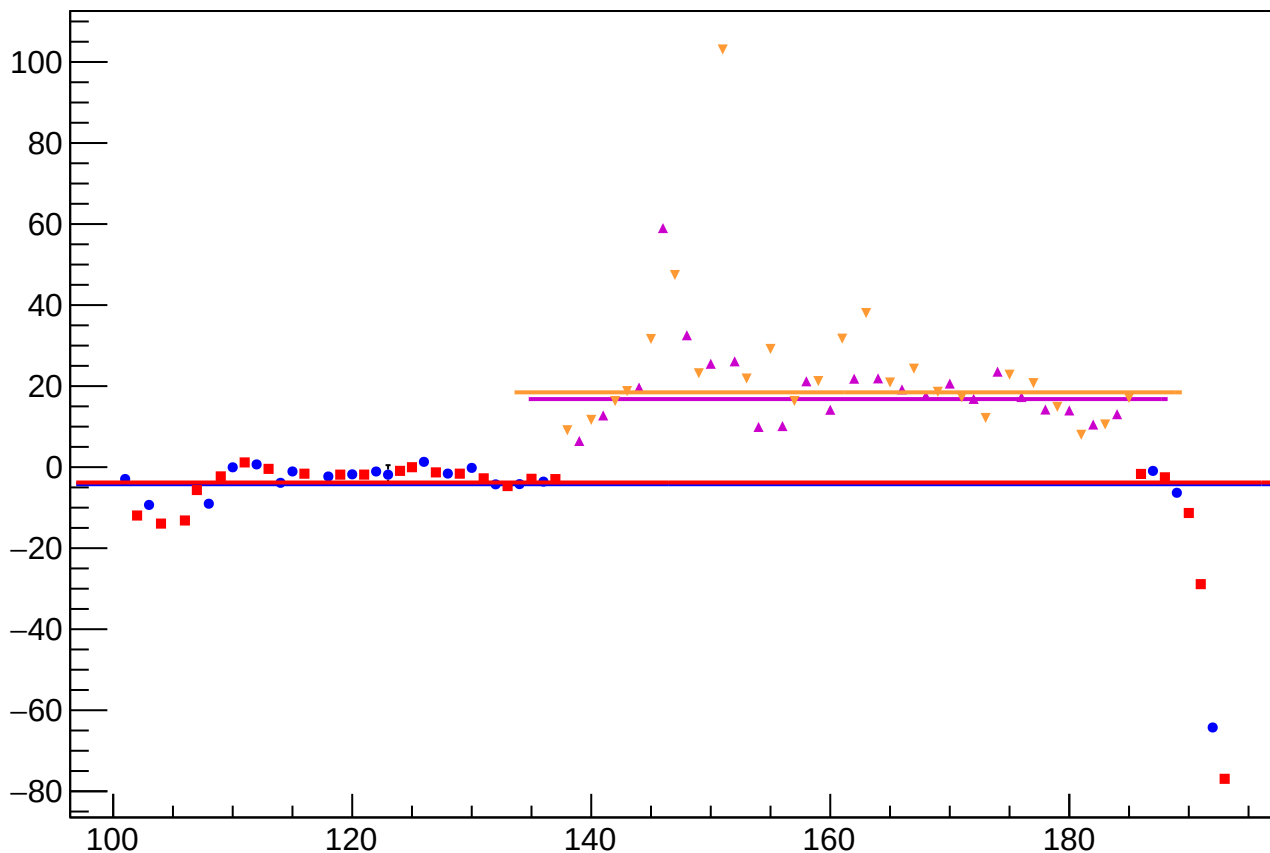
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.660 ± 0.029 χ^2/NDF : 9129.4/44

All: 0.515 ± 0.020 χ^2/NDF : 19324.3/90

- sign 0.389 ± 0.027 χ^2/NDF : 10147.8/45

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -4.211 ± 0.090 $\chi^2/\text{NDF}: 12016.0/19$

Left Out: 18.463 ± 0.040 $\chi^2/\text{NDF}: 77193.5/24$

Right Out: -3.787 ± 0.060 $\chi^2/\text{NDF}: 25302.5/22$

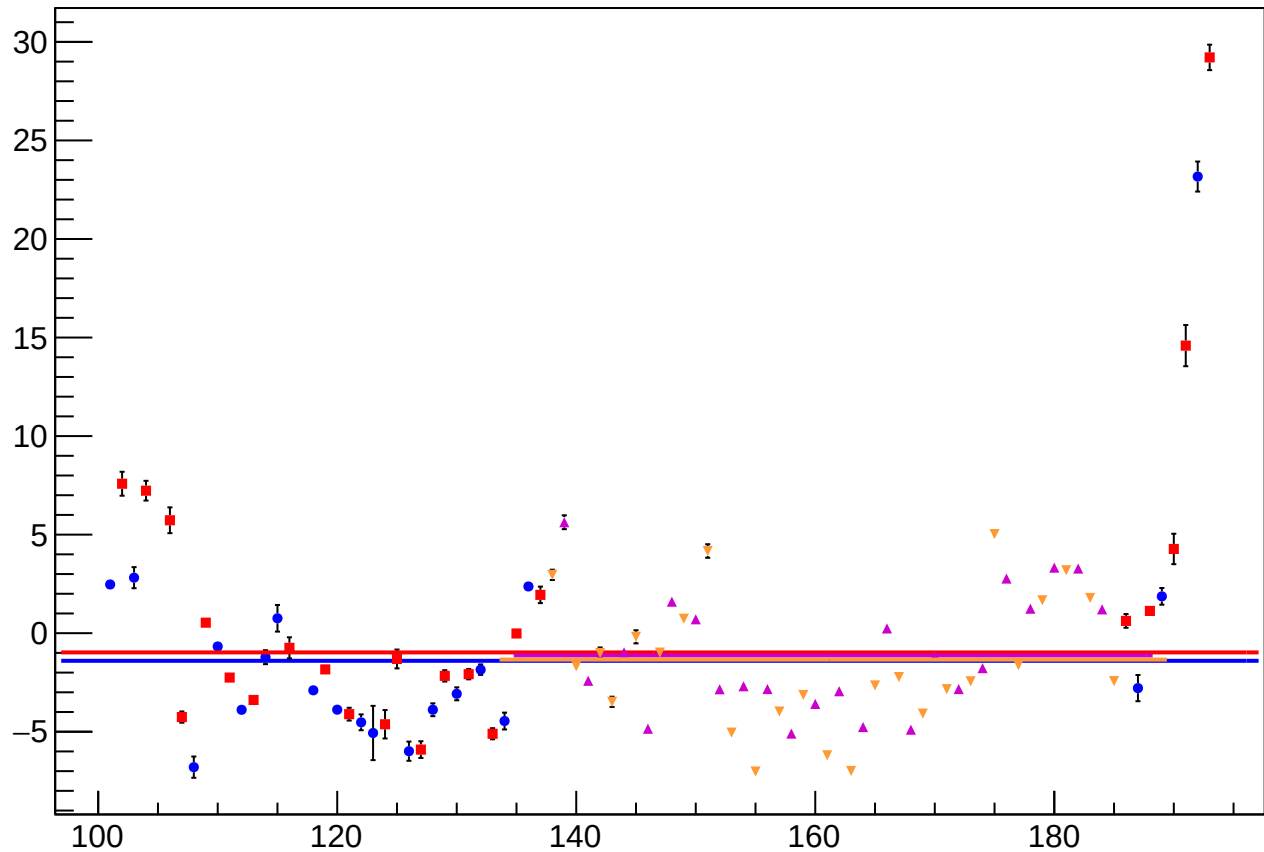
Left In: 16.798 ± 0.038 $\chi^2/\text{NDF}: 40258.9/22$

+ sign 14.763 ± 0.037 $\chi^2/\text{NDF}: 141831.7/44$

All: 12.510 ± 0.024 $\chi^2/\text{NDF}: 298501.4/90$

- sign 10.749 ± 0.032 $\chi^2/\text{NDF}: 149890.3/45$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.402 ± 0.070 χ^2/NDF : 2455.2/19

Left Out: -1.341 ± 0.037 χ^2/NDF : 7886.0/24

Right Out: -0.976 ± 0.063 χ^2/NDF : 4111.0/22

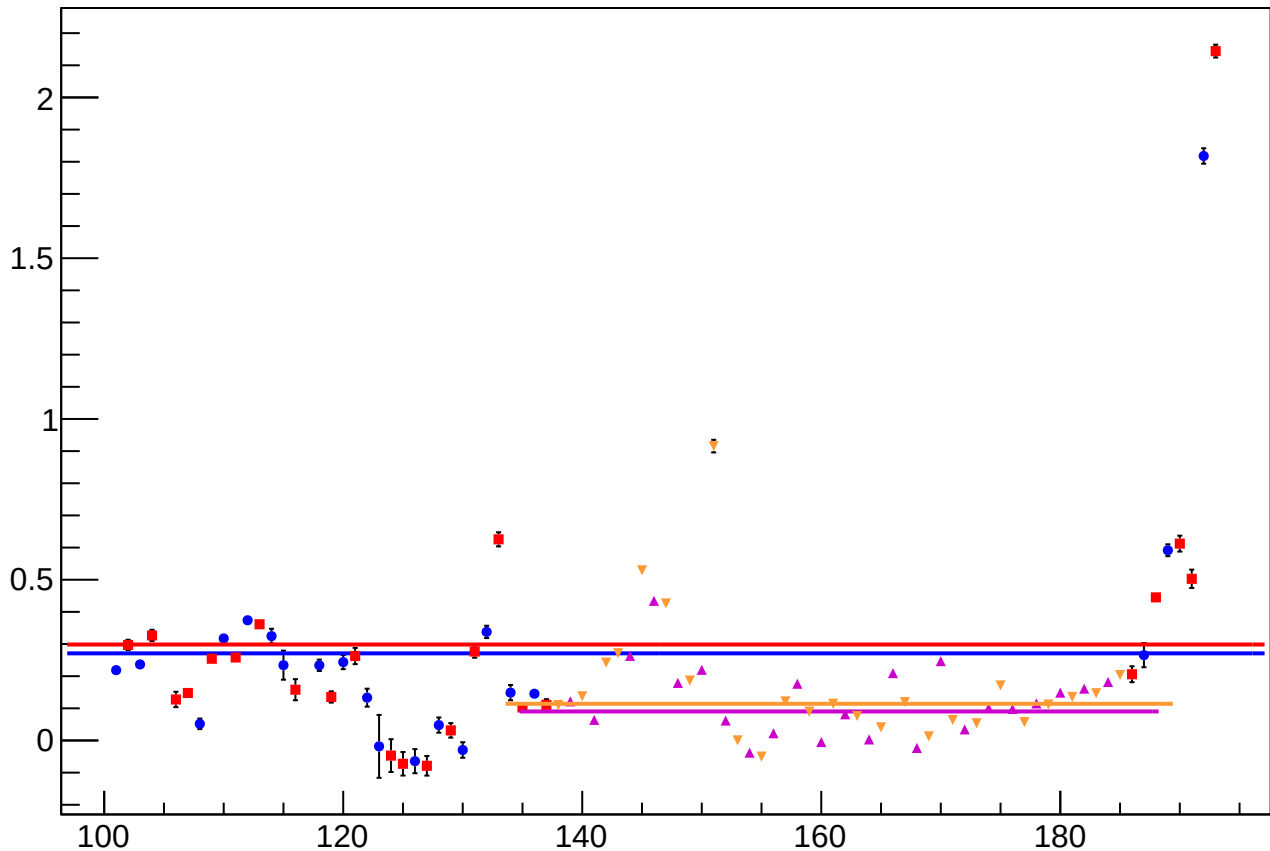
Left In: -1.132 ± 0.035 χ^2/NDF : 6743.4/22

+ sign -1.354 ± 0.032 χ^2/NDF : 10341.8/44

All: -1.216 ± 0.022 χ^2/NDF : 21234.6/90

- sign -1.095 ± 0.030 χ^2/NDF : 10859.0/45

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.271 ± 0.004 $\chi^2/\text{NDF}: 5339.8/19$

Left Out: 0.114 ± 0.002 $\chi^2/\text{NDF}: 4382.5/24$

Right Out: 0.298 ± 0.003 $\chi^2/\text{NDF}: 10534.4/22$

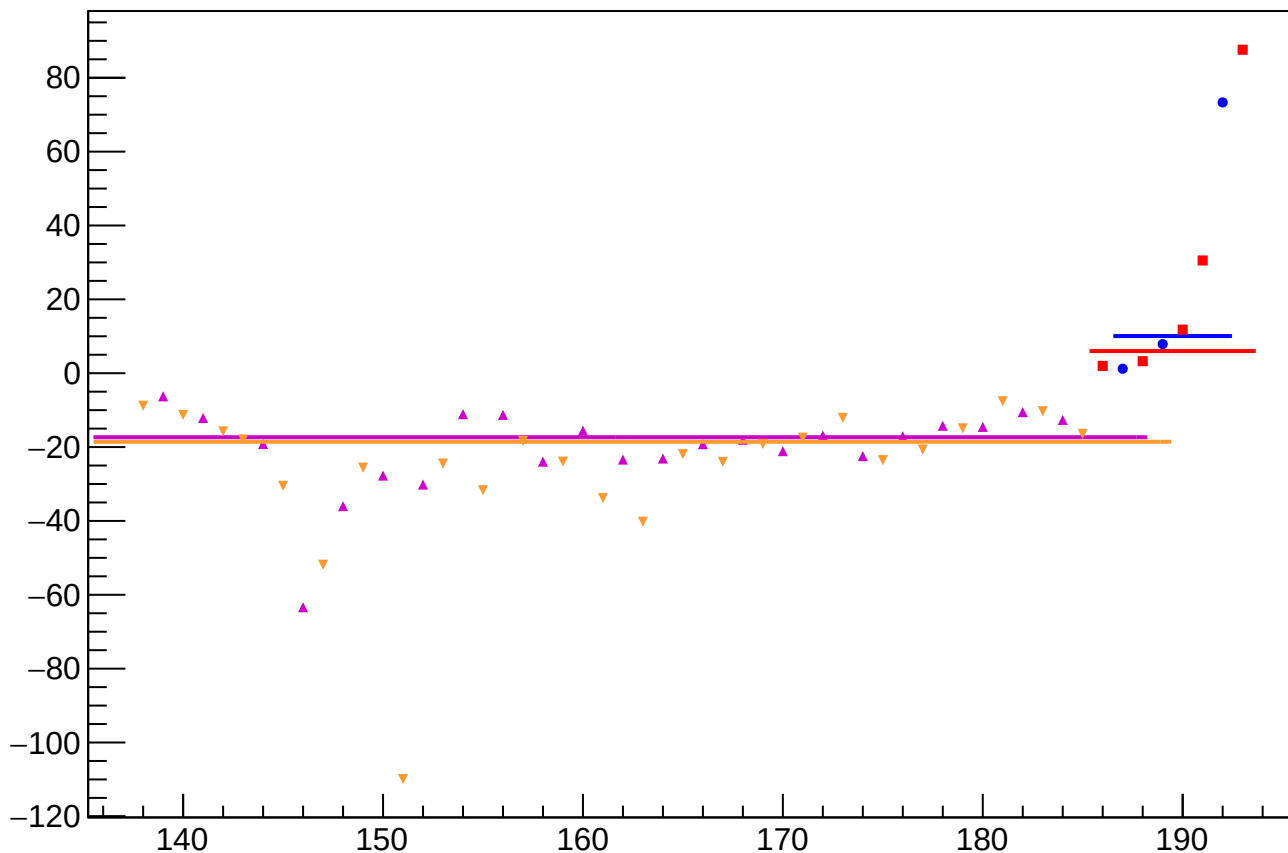
Left In: 0.090 ± 0.002 $\chi^2/\text{NDF}: 3679.2/22$

+ sign 0.137 ± 0.002 $\chi^2/\text{NDF}: 11032.4/44$

All: 0.130 ± 0.001 $\chi^2/\text{NDF}: 28314.1/90$

- sign 0.124 ± 0.001 $\chi^2/\text{NDF}: 17247.0/45$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 10.058 ± 0.182 $\chi^2/\text{NDF}: 10110.4/2$

Left Out: -18.565 ± 0.040 $\chi^2/\text{NDF}: 86349.5/24$

Right Out: 5.996 ± 0.091 $\chi^2/\text{NDF}: 23070.1/4$

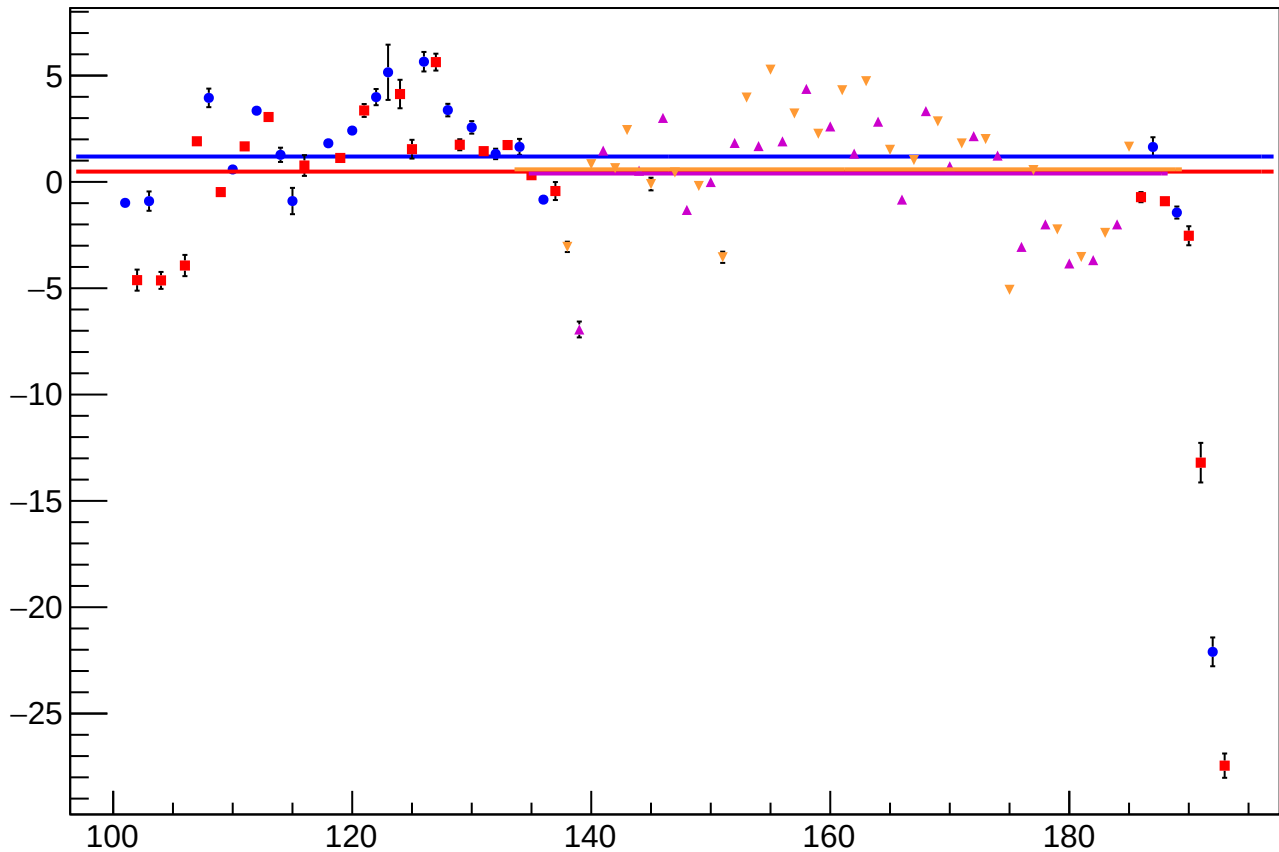
Left In: -17.335 ± 0.039 $\chi^2/\text{NDF}: 44078.7/22$

+ sign -17.236 ± 0.039 $\chi^2/\text{NDF}: 120074.7/27$

All: -15.323 ± 0.027 $\chi^2/\text{NDF}: 246761.1/55$

- sign -13.713 ± 0.036 $\chi^2/\text{NDF}: 122301.1/27$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.193 ± 0.060 $\chi^2/\text{NDF}: 1964.1/19$

Left Out: 0.590 ± 0.033 $\chi^2/\text{NDF}: 6780.3/24$

Right Out: 0.484 ± 0.054 $\chi^2/\text{NDF}: 3785.5/22$

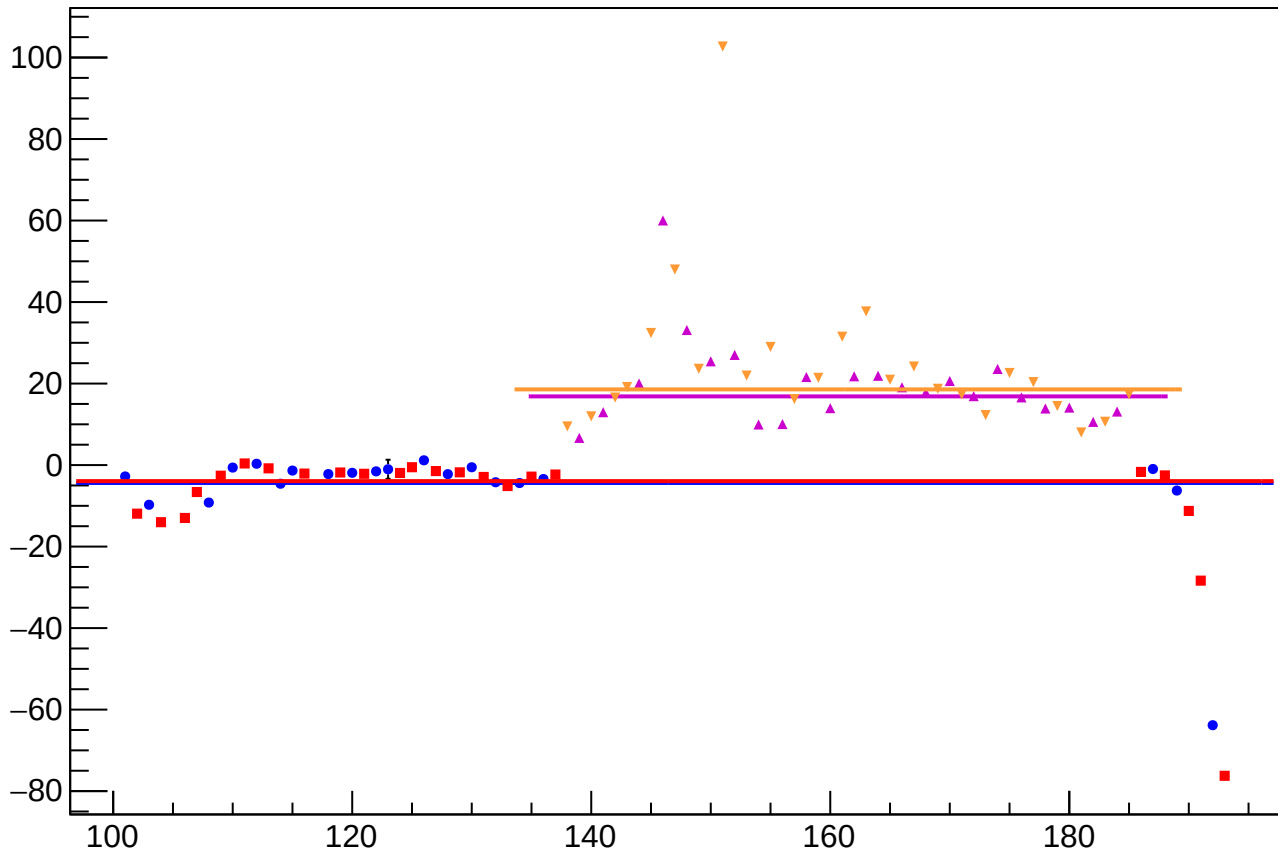
Left In: 0.394 ± 0.032 $\chi^2/\text{NDF}: 6112.7/22$

+ sign 0.731 ± 0.029 $\chi^2/\text{NDF}: 8820.6/44$

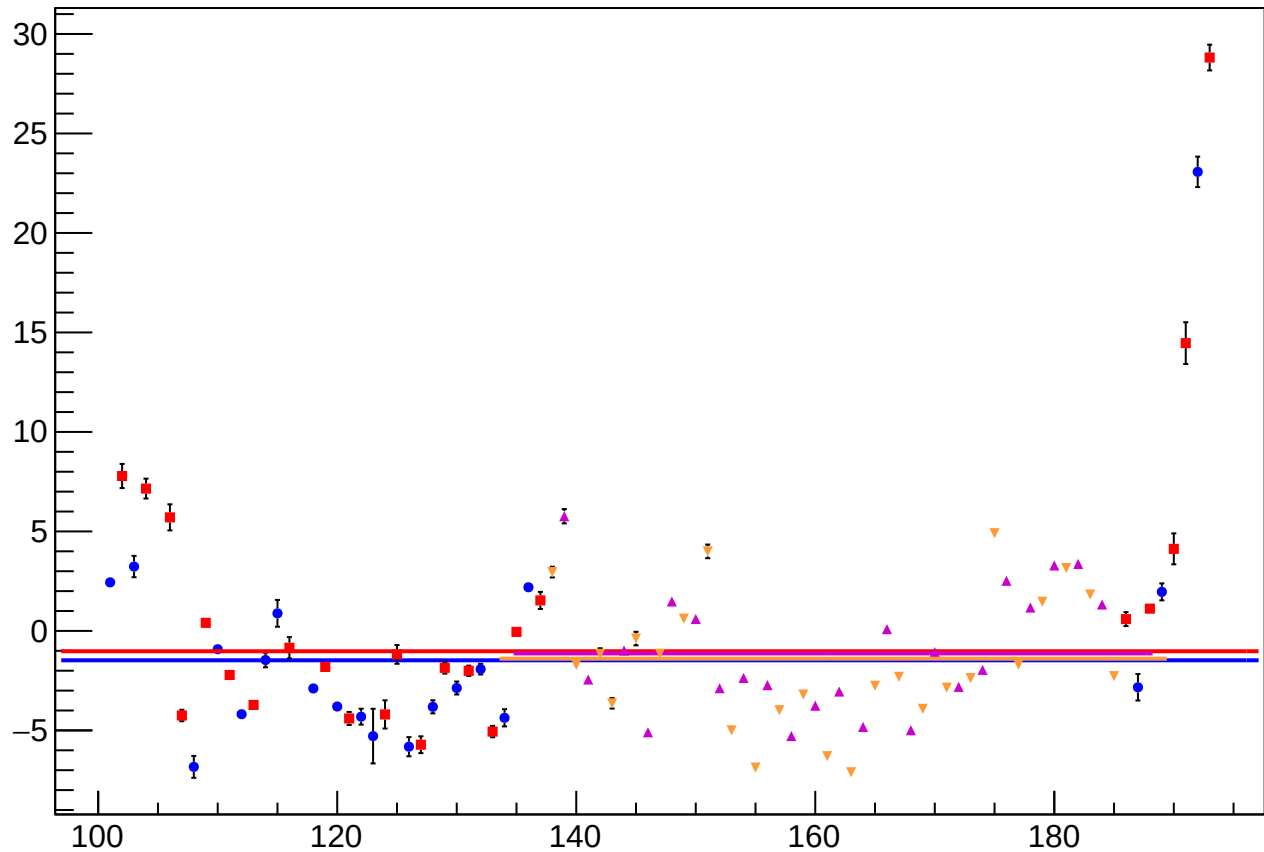
All: 0.564 ± 0.020 $\chi^2/\text{NDF}: 18782.5/90$

- sign 0.417 ± 0.027 $\chi^2/\text{NDF}: 9900.3/45$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.477 ± 0.071 χ^2/NDF : 2387.9/19

Left Out: -1.397 ± 0.037 χ^2/NDF : 7631.3/24

Right Out: -1.021 ± 0.064 χ^2/NDF : 4007.6/22

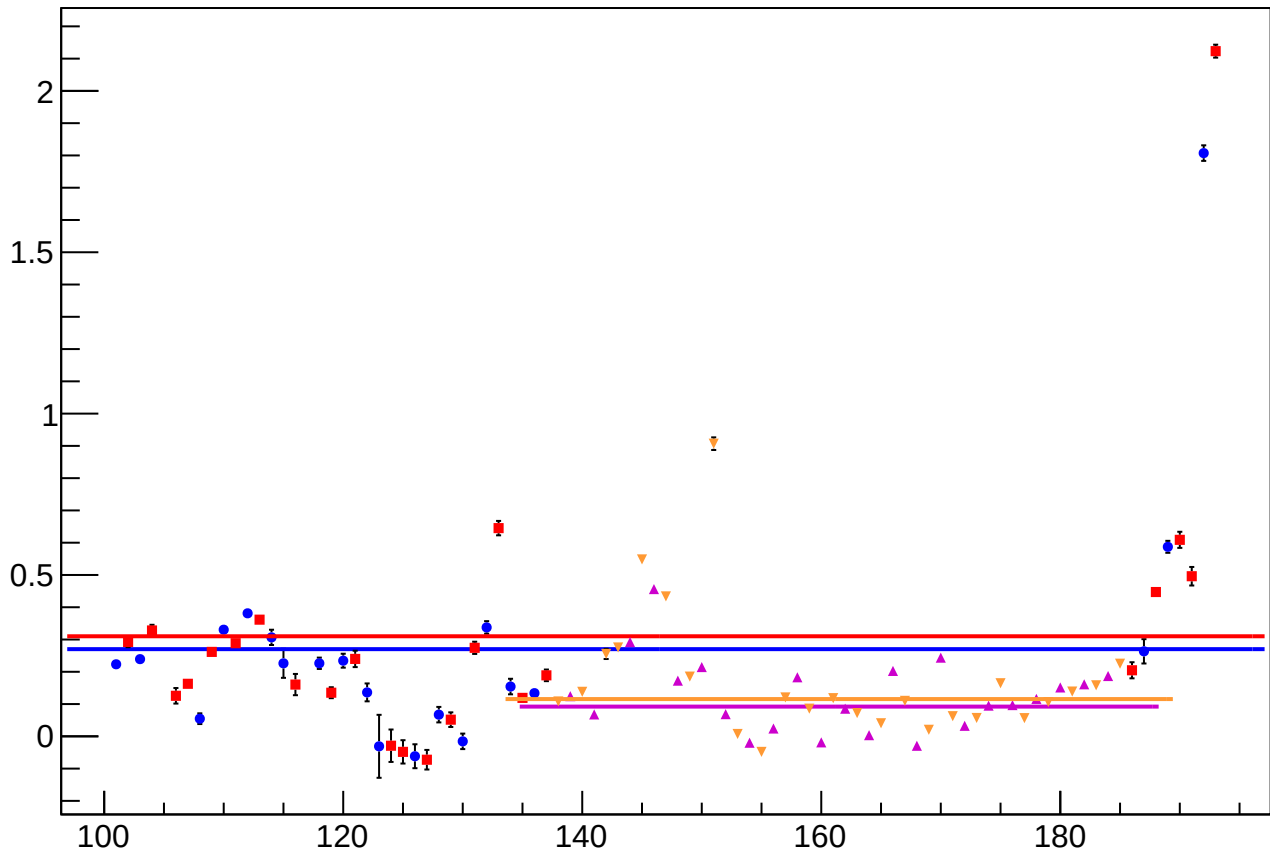
Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

+ sign -1.414 ± 0.033 χ^2/NDF : 10020.2/44

All: -1.251 ± 0.022 χ^2/NDF : 20715.3/90

- sign -1.107 ± 0.031 χ^2/NDF : 10648.3/45

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.270 ± 0.004 $\chi^2/\text{NDF}: 5229.2/19$

Left Out: 0.115 ± 0.002 $\chi^2/\text{NDF}: 4423.4/24$

Right Out: 0.310 ± 0.004 $\chi^2/\text{NDF}: 10039.1/22$

Left In: 0.092 ± 0.002 $\chi^2/\text{NDF}: 3632.6/22$

+ sign 0.137 ± 0.002 $\chi^2/\text{NDF}: 10896.1/44$

All: 0.132 ± 0.001 $\chi^2/\text{NDF}: 27802.9/90$

- sign 0.127 ± 0.001 $\chi^2/\text{NDF}: 16883.3/45$