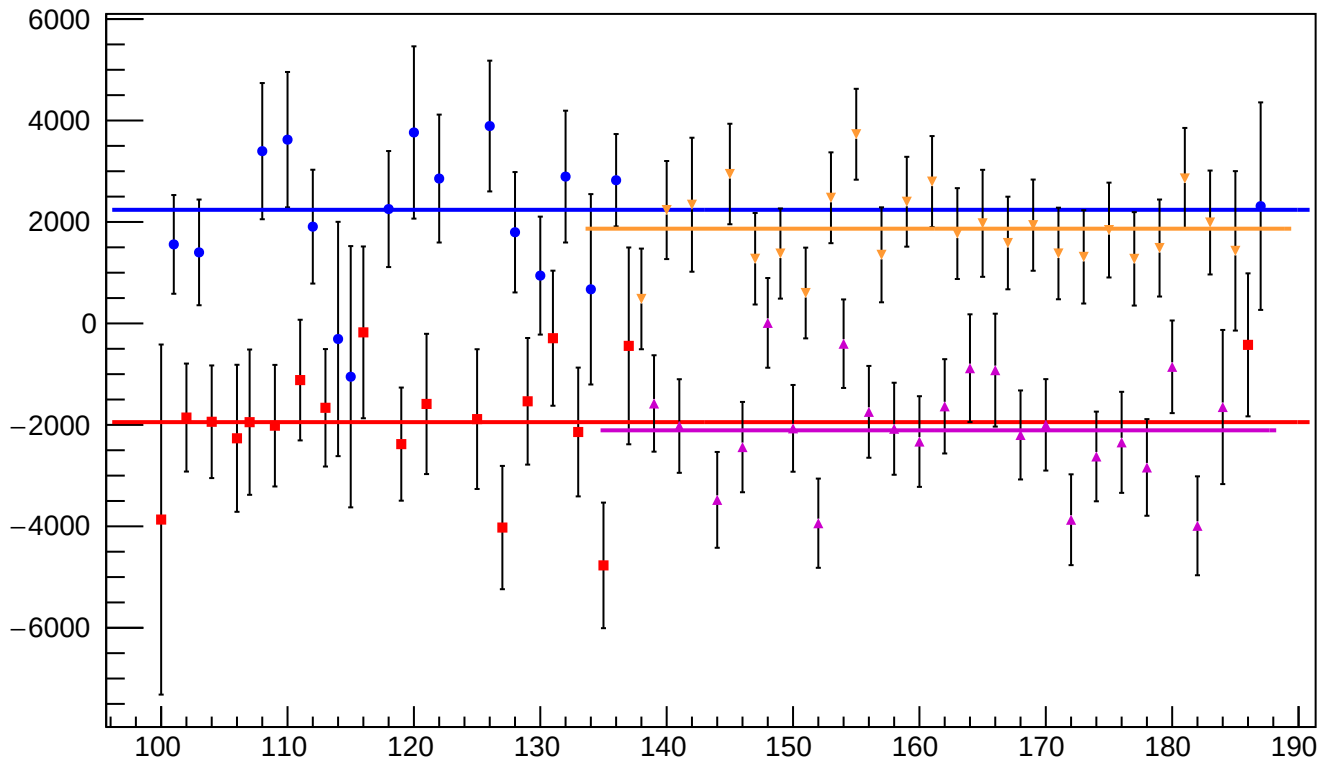


dit_asym_us_avg_mean vs Slug



Right In: 2239.642+/-310.984

χ^2/NDF : 11.3/16

Left Out: 1867.512+/-194.801

χ^2/NDF : 15.1/23

Right Out: -1945.723+/-301.238

χ^2/NDF : 13.8/18

Left In: -2107.246+/-194.959

χ^2/NDF : 30.0/22

+ sign 1972.380+/-165.087

χ^2/NDF : 27.5/40

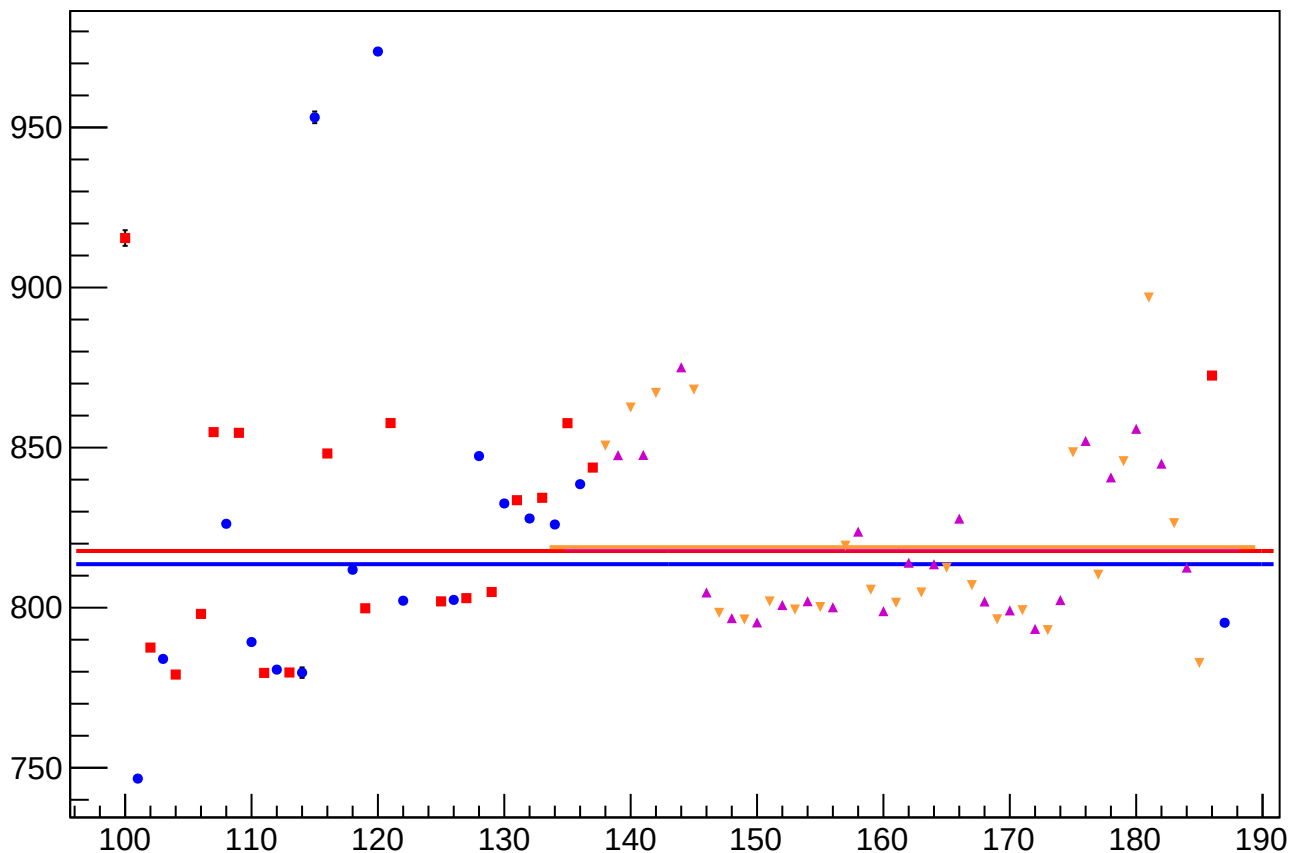
All: -60.944+/-116.231

χ^2/NDF : 372.3/82

- sign -2059.563+/-163.672

χ^2/NDF : 44.0/41

dit_asym_us_avg_rms vs Slug



Right In: 813.588 $\pm$ 0.220 χ^2 /NDF: 42205.5/16

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

Right Out: 817.707 $\pm$ 0.213 χ^2 /NDF: 23126.7/18

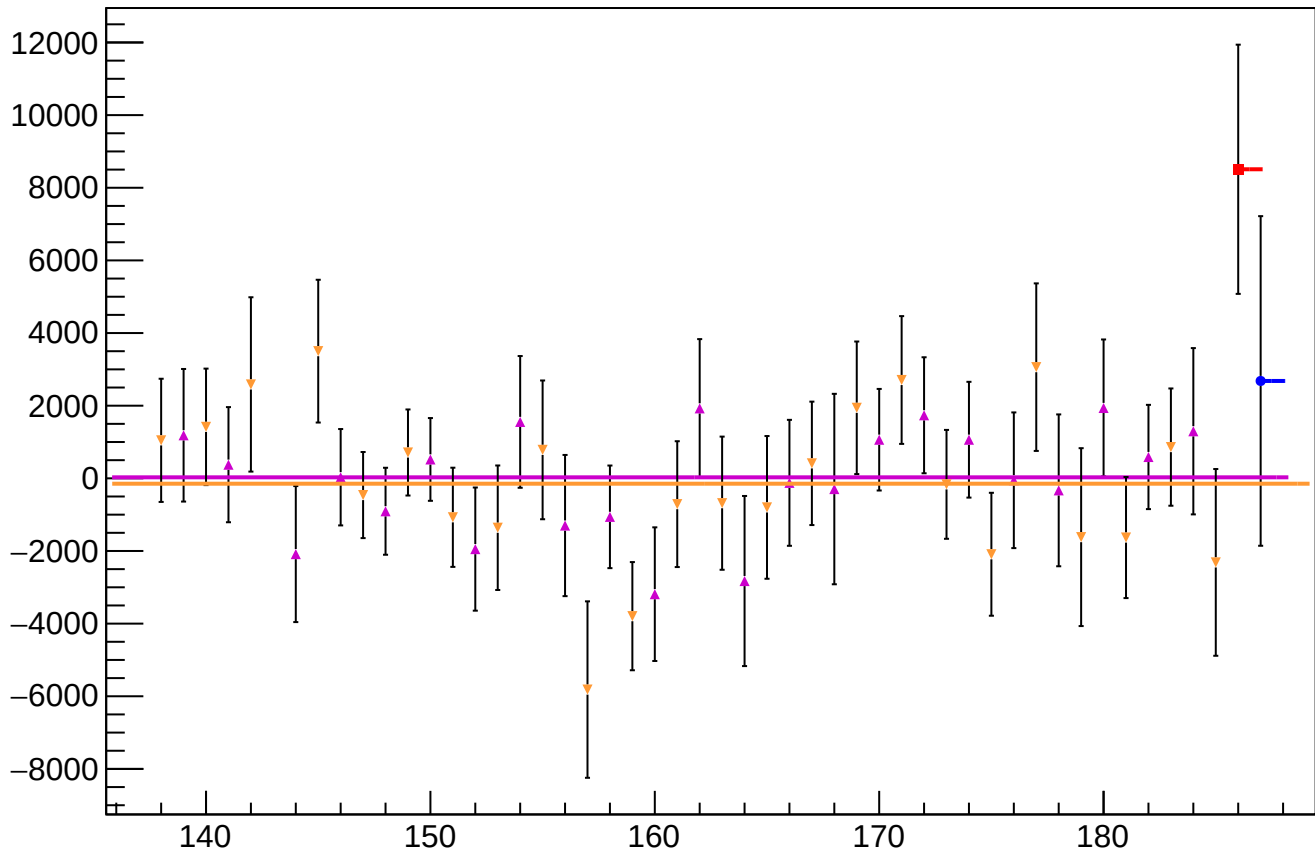
Left In: 818.403 $\pm$ 0.138 χ^2 /NDF: 29907.0/22

+ sign 817.403 $\pm$ 0.117 χ^2 /NDF: 84295.5/40

All: 817.804 $\pm$ 0.082 χ^2 /NDF: 137360.1/82

- sign 818.197 $\pm$ 0.116 χ^2 /NDF: 53041.3/41

asym_us_avg_correction_mean vs Slug



Right In: 2680.883+/-4537.474 χ^2/NDF : 0.0/0

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

Right Out: 8508.970+/-3430.440 χ^2/NDF : 0.0/0

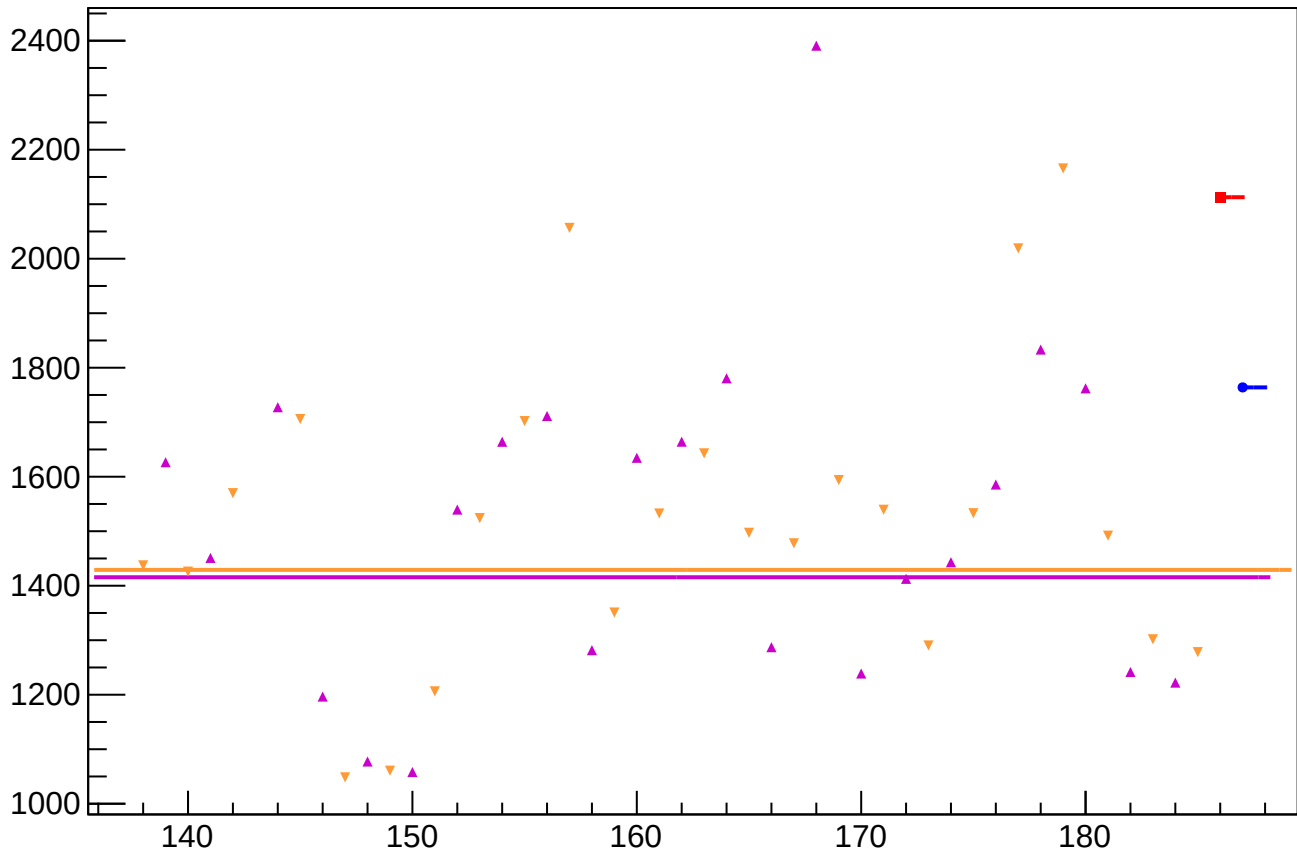
Left In: 27.722+/-344.229 χ^2/NDF : 14.8/22

+ sign -131.346+/-346.733 χ^2/NDF : 29.7/24

All: -8.045+/-243.670 χ^2/NDF : 50.8/48

- sign 112.271+/-342.509 χ^2/NDF : 20.9/23

asym_us_avg_correction_rms vs Slug



Right In: 1763.889 $\pm$ 3.208 χ^2/NDF : 0.0/0

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

Right Out: 2112.839 $\pm$ 2.426 χ^2/NDF : 0.0/0

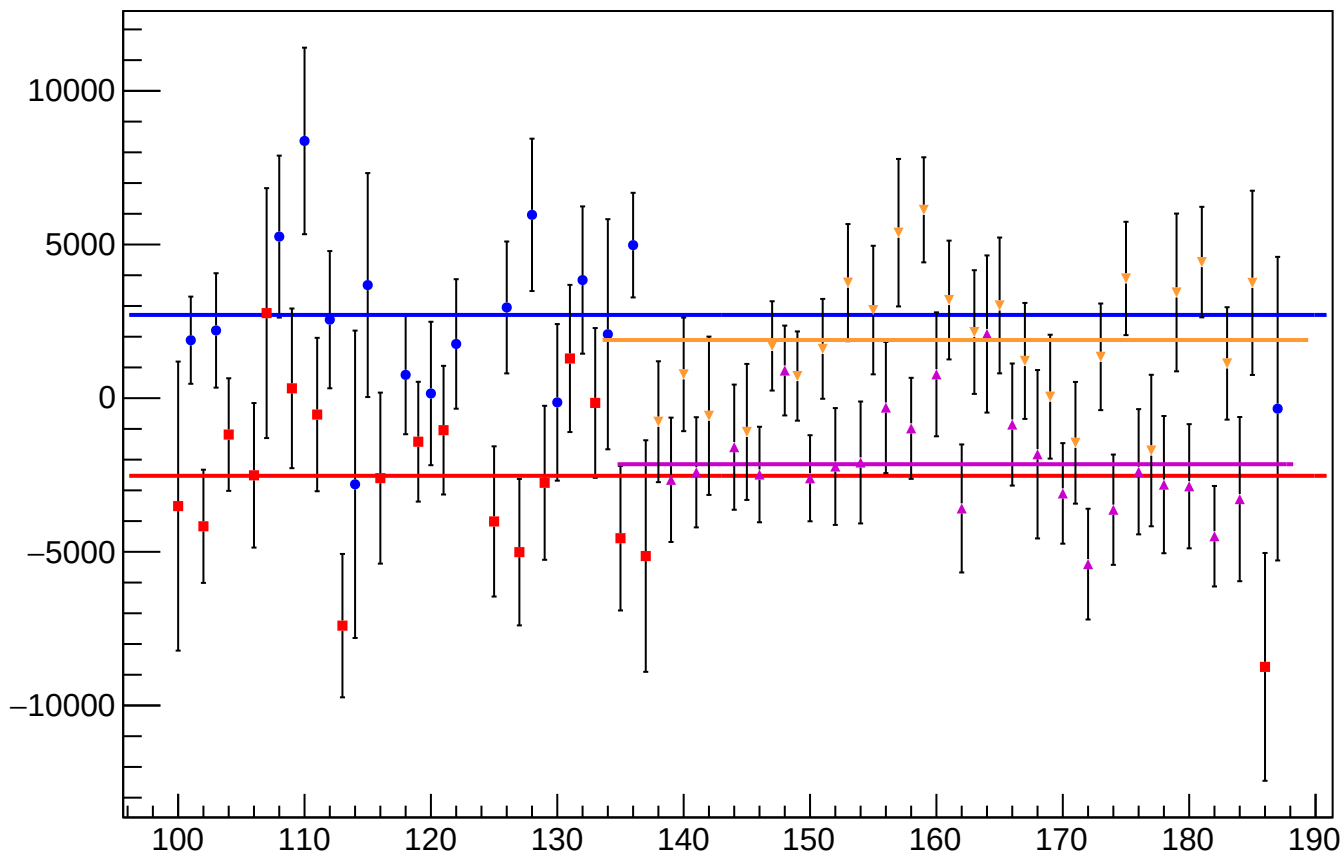
Left In: 1415.555 $\pm$ 0.243 χ^2/NDF : 1245603.5/22

+ sign 1431.020 $\pm$ 0.245 χ^2/NDF : 1117776.3/24

All: 1426.711 $\pm$ 0.172 χ^2/NDF : 2445798.7/48

- sign 1422.506 $\pm$ 0.242 χ^2/NDF : 1327412.1/23

asym_us_avg_mean vs Slug



Right In: 2709.158 $\pm$ 559.323 χ^2 /NDF: 13.9/16

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

Right Out: -2525.942 $\pm$ 562.381 χ^2 /NDF: 19.1/18

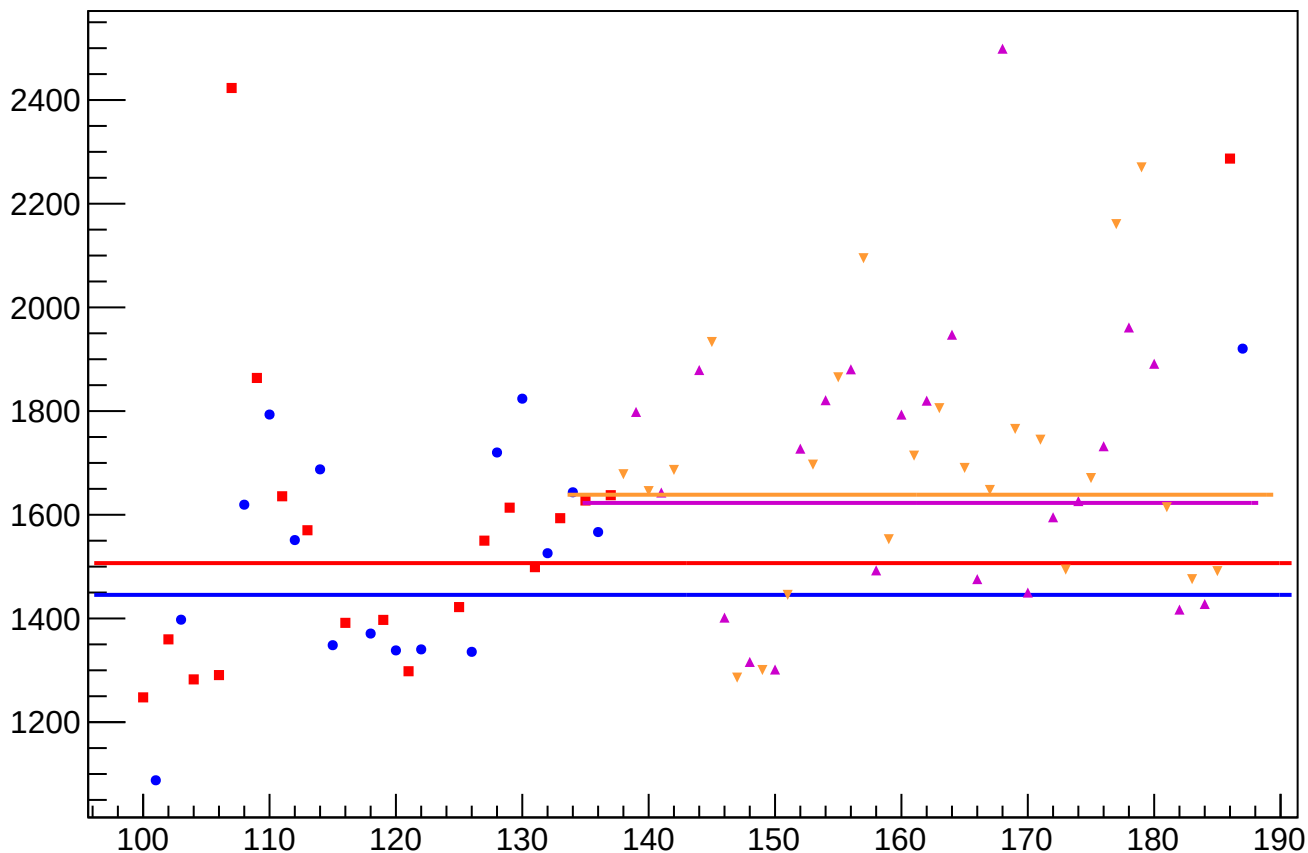
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

+ sign 2164.081 $\pm$ 322.542 χ^2 /NDF: 41.3/40

All: -61.651 $\pm$ 227.677 χ^2 /NDF: 174.0/82

- sign -2272.046 $\pm$ 321.429 χ^2 /NDF: 37.8/41

asym_us_avg_rms vs Slug



Right In: 1445.501 $\pm$ 0.396 χ^2 /NDF: 296590.6/16

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

Right Out: 1506.766 $\pm$ 0.398 χ^2 /NDF: 347023.2/18

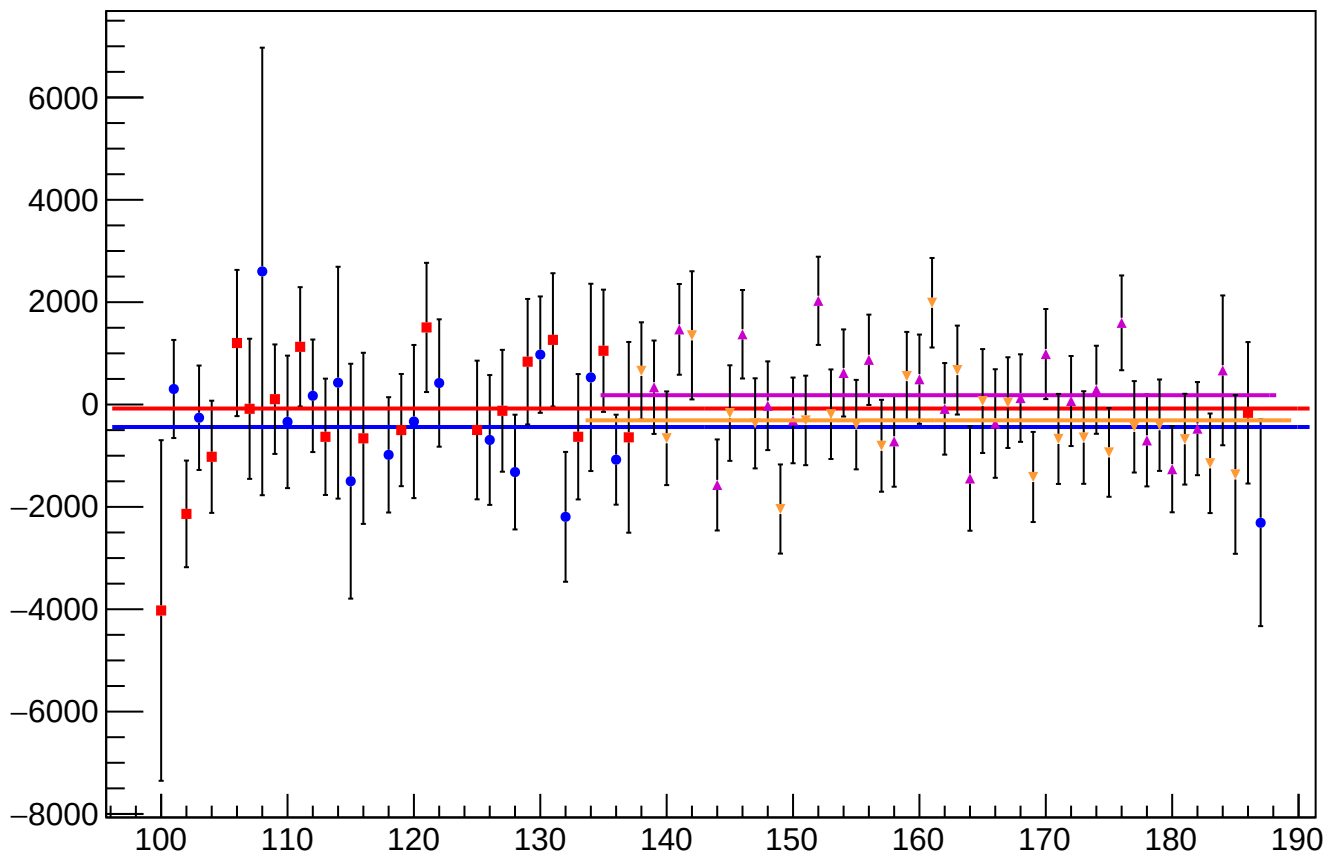
Left In: 1622.876 $\pm$ 0.277 χ^2 /NDF: 780522.2/22

+ sign 1574.439 $\pm$ 0.228 χ^2 /NDF: 1127811.4/40

All: 1579.711 $\pm$ 0.161 χ^2 /NDF: 2313825.3/82

- sign 1584.946 $\pm$ 0.227 χ^2 /NDF: 1184949.0/41

dit_asym_us_dd_mean vs Slug



Right In: -439.378 ± 309.474 χ^2/NDF : 8.3/16

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

Right Out: -78.180 ± 291.676 χ^2/NDF : 12.9/18

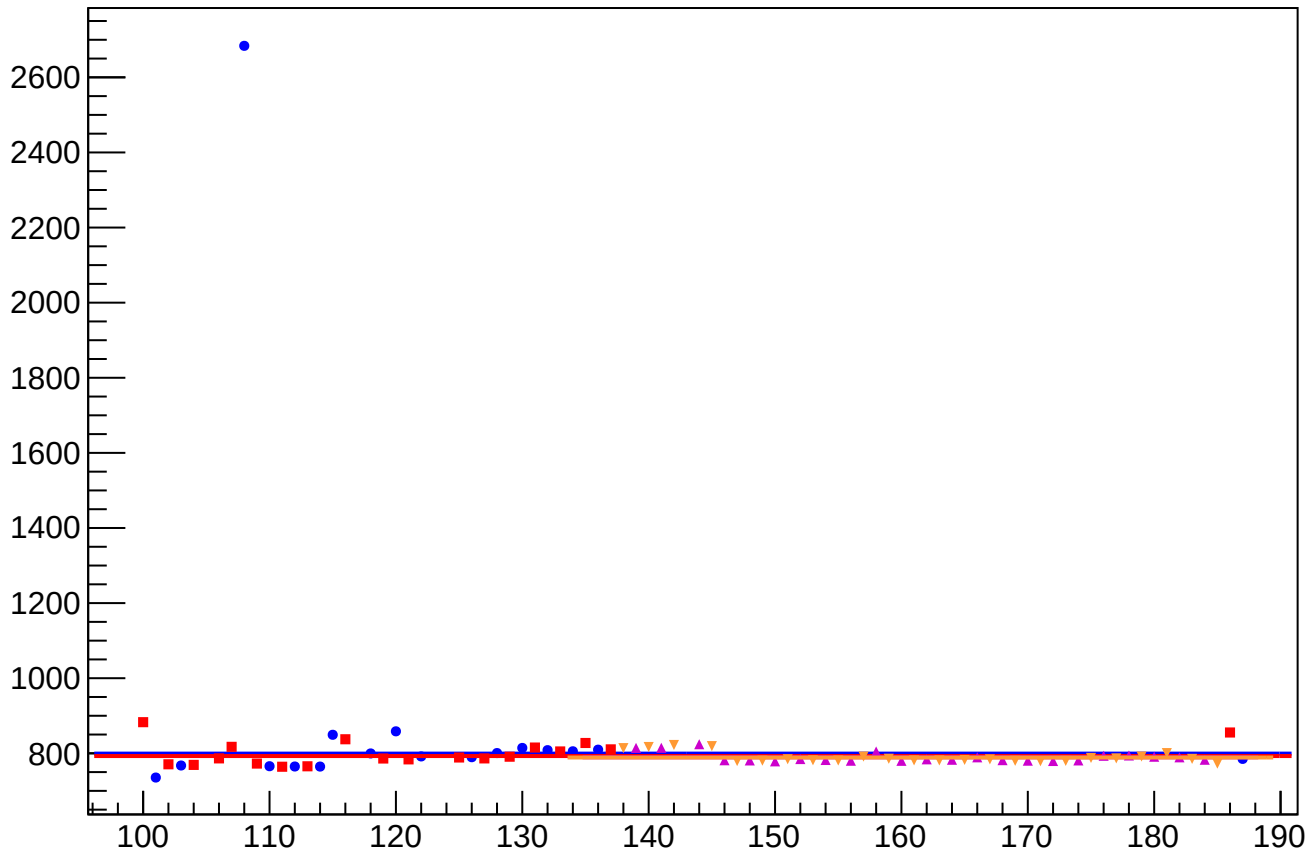
Left In: 181.983 ± 187.935 χ^2/NDF : 25.6/22

+ sign -343.861 ± 160.331 χ^2/NDF : 29.0/40

All: -115.783 ± 112.531 χ^2/NDF : 72.0/82

- sign 105.661 ± 157.981 χ^2/NDF : 39.1/41

dit_asym_us_dd_rms vs Slug



Right In: 799.199 $\pm$ 0.219 χ^2 /NDF: 391285.2/16

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

Right Out: 792.718 $\pm$ 0.206 χ^2 /NDF: 15486.6/18

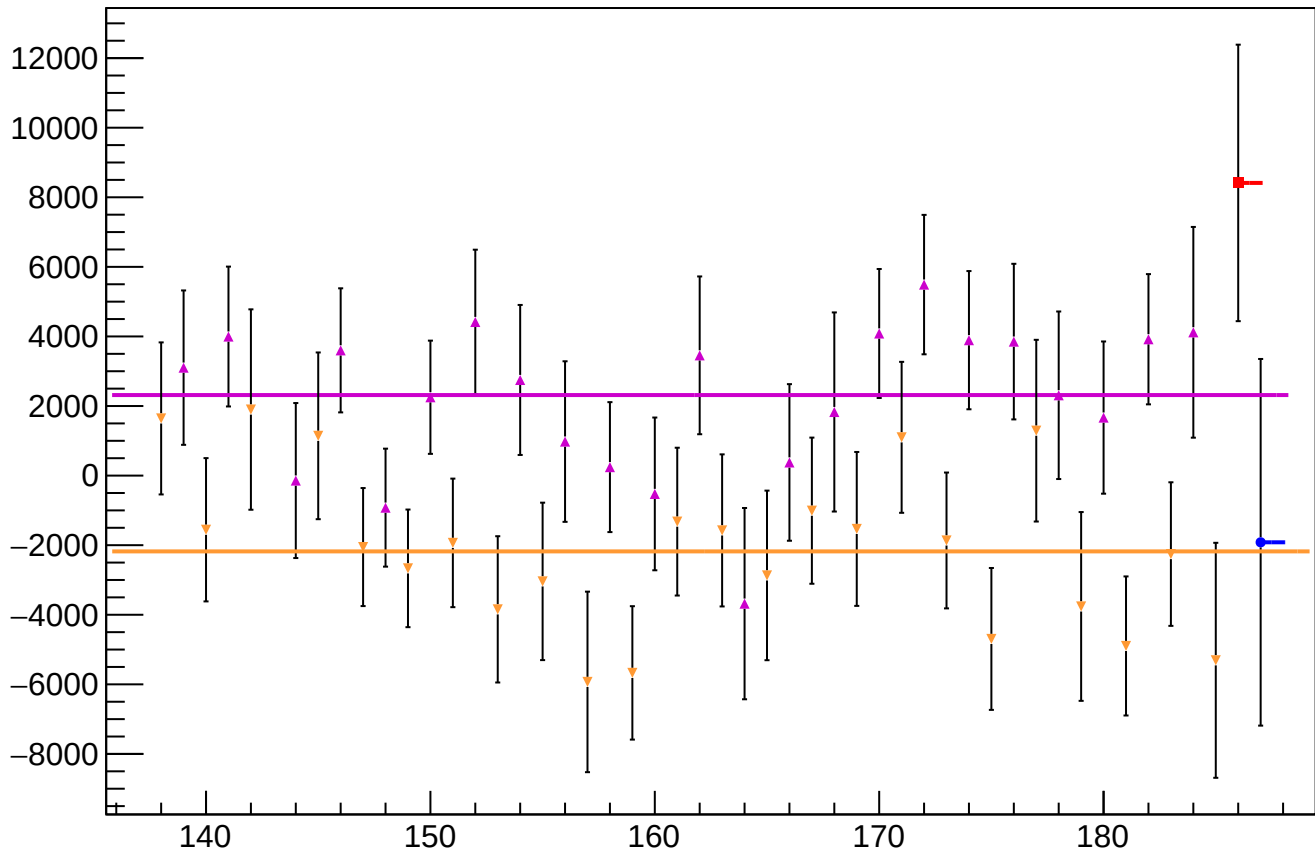
Left In: 789.406 $\pm$ 0.133 χ^2 /NDF: 9219.1/22

+ sign 791.654 $\pm$ 0.113 χ^2 /NDF: 402252.4/40

All: 791.006 $\pm$ 0.080 χ^2 /NDF: 427204.5/82

- sign 790.378 $\pm$ 0.112 χ^2 /NDF: 24887.9/41

asym_us_dd_correction_mean vs Slug



Right In: -1917.042+/-5269.656 χ^2/NDF : 0.0/0

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

Right Out: 8412.934+/-3973.746 χ^2/NDF : 0.0/0

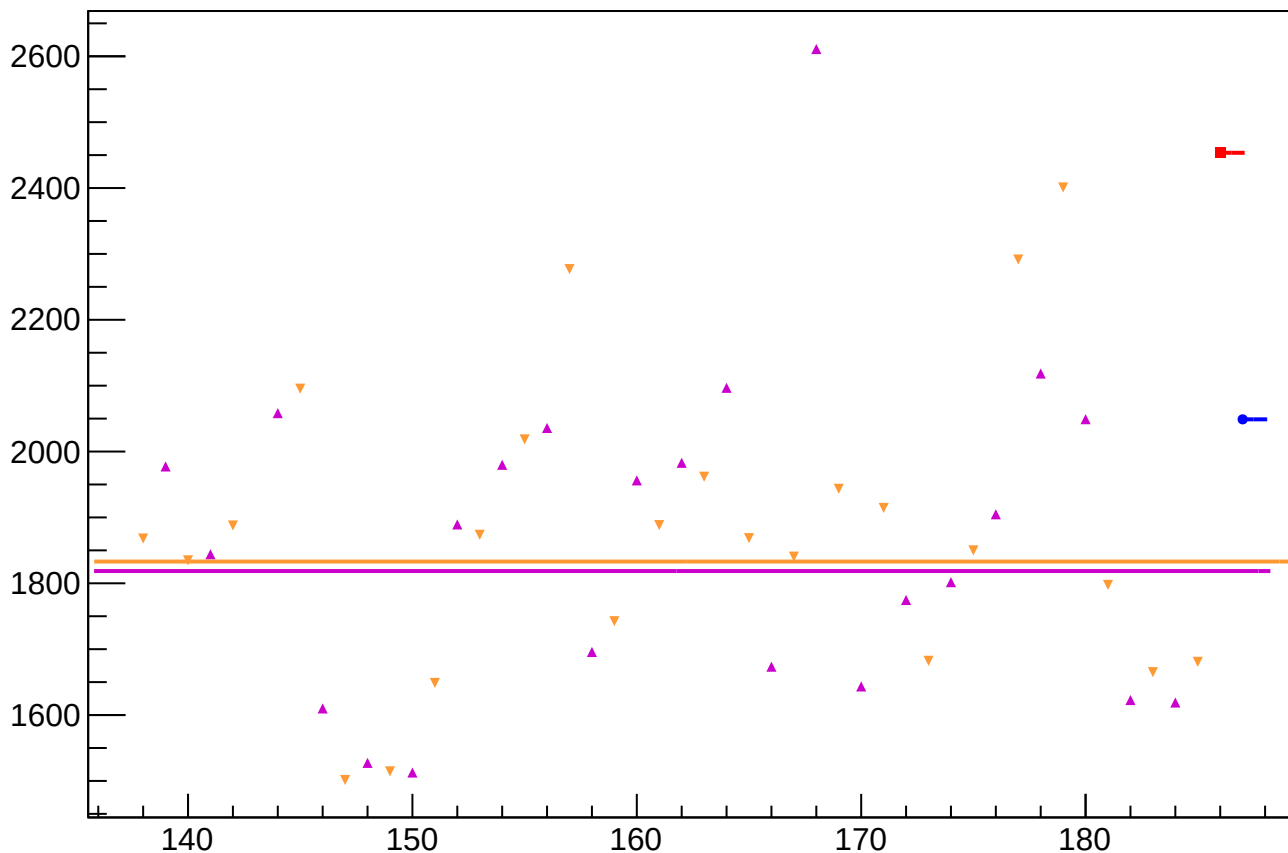
Left In: 2315.169+/-437.003 χ^2/NDF : 22.0/22

+ sign -2176.660+/-438.139 χ^2/NDF : 22.7/24

All: 125.330+/-308.475 χ^2/NDF : 101.8/48

- sign 2388.034+/-434.384 χ^2/NDF : 24.3/23

asym_us_dd_correction_rms vs Slug



Right In: 2048.877+/-3.726 χ^2/NDF : 0.0/0

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

Right Out: 2453.521+/-2.810 χ^2/NDF : 0.0/0

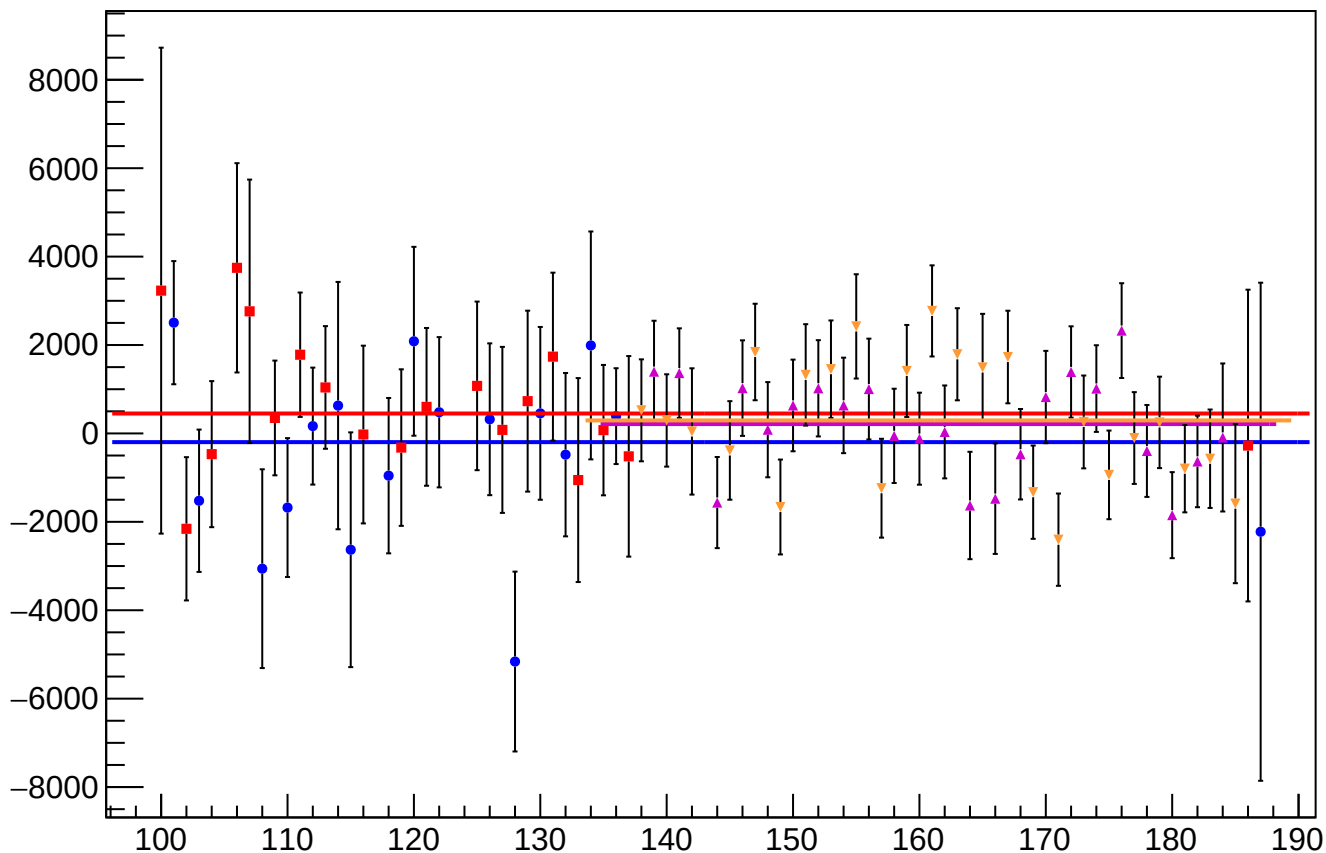
Left In: 1818.594+/-0.309 χ^2/NDF : 536826.7/22

+ sign 1834.520+/-0.310 χ^2/NDF : 468799.3/24

All: 1830.315+/-0.218 χ^2/NDF : 1056440.6/48

- sign 1826.181+/-0.307 χ^2/NDF : 587276.0/23

asym_us_dd_mean vs Slug



Right In: -196.946 $\pm$ 430.235 χ^2/NDF : 16.8/16

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

Right Out: 450.623 $\pm$ 423.826 χ^2/NDF : 8.4/18

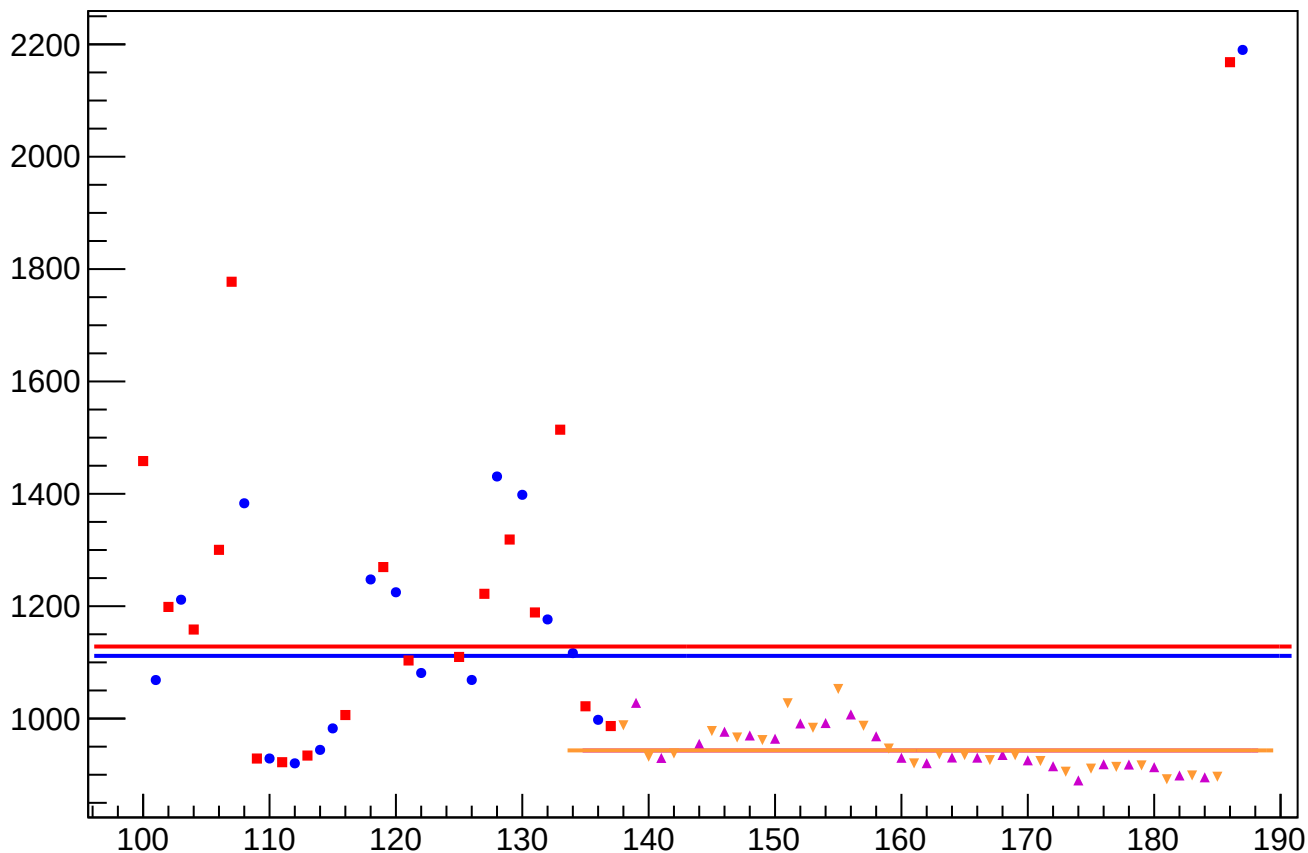
Left In: 212.080 $\pm$ 224.701 χ^2/NDF : 23.7/22

+ sign 189.558 $\pm$ 198.924 χ^2/NDF : 56.1/40

All: 227.064 $\pm$ 140.519 χ^2/NDF : 88.5/82

- sign 264.419 $\pm$ 198.525 χ^2/NDF : 32.4/41

asym_us_dd_rms vs Slug



Right In: 1111.562 $\pm$ 0.304 χ^2 /NDF: 329090.1/16

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

Right Out: 1128.221 $\pm$ 0.300 χ^2 /NDF: 539553.9/18

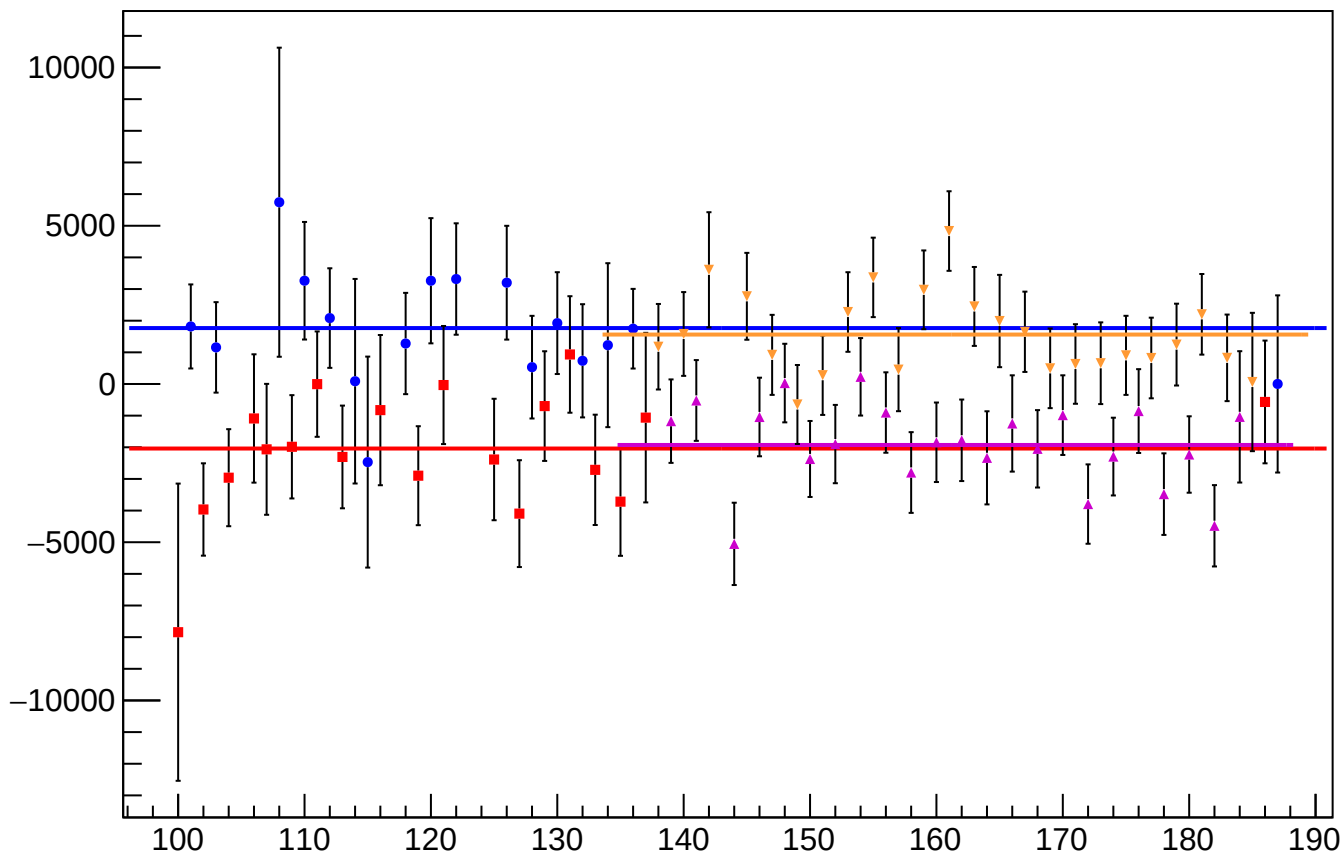
Left In: 943.137 $\pm$ 0.159 χ^2 /NDF: 49948.2/22

+ sign 979.292 $\pm$ 0.141 χ^2 /NDF: 629934.1/40

All: 981.524 $\pm$ 0.099 χ^2 /NDF: 1517665.0/82

- sign 983.746 $\pm$ 0.140 χ^2 /NDF: 887228.6/41

dit_asym_usl_mean vs Slug



Right In: 1767.004 $\pm$ 436.727 χ^2/NDF : 6.9/16

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

Right Out: -2039.420 $\pm$ 417.640 χ^2/NDF : 13.6/18

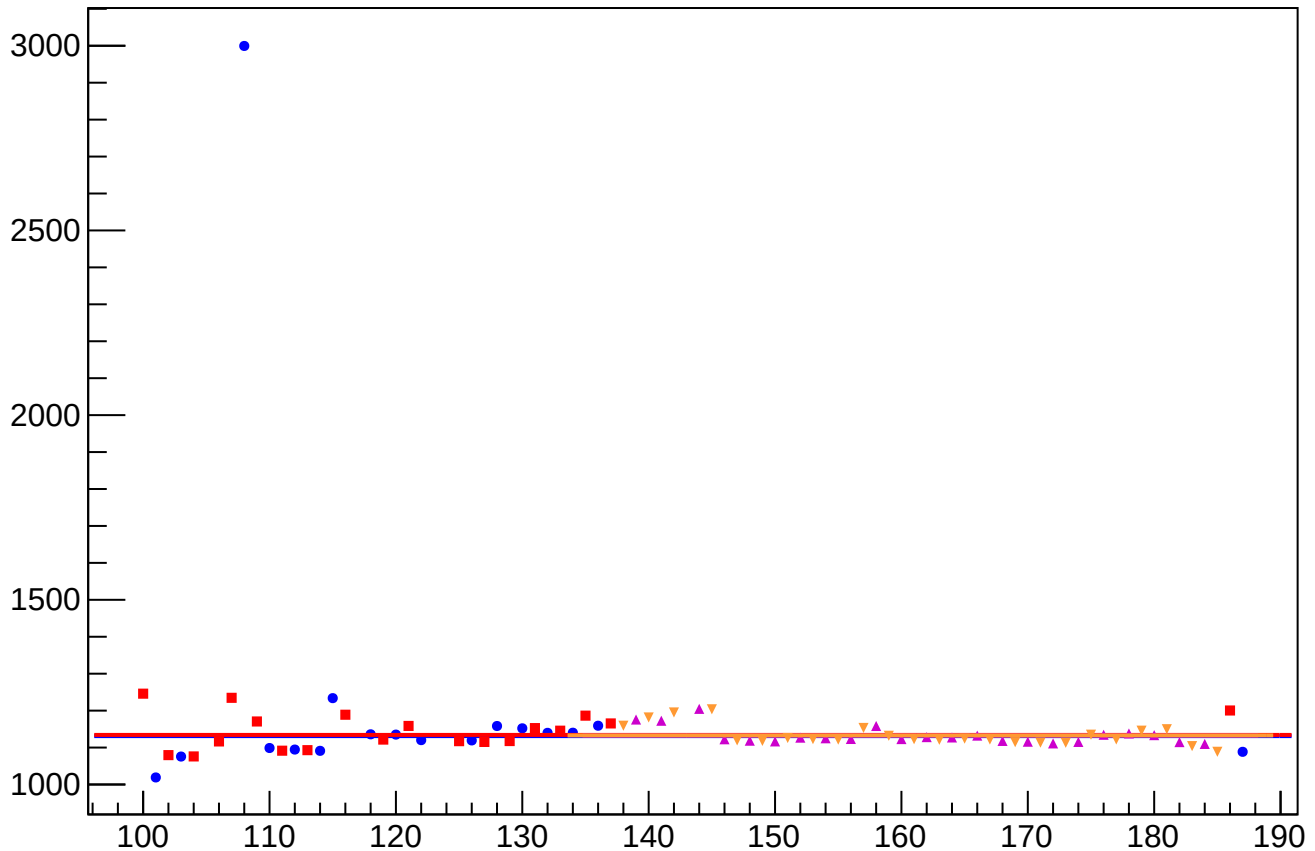
Left In: -1926.929 $\pm$ 269.667 χ^2/NDF : 24.1/22

+ sign 1618.533 $\pm$ 229.207 χ^2/NDF : 28.8/40

All: -191.643 $\pm$ 161.125 χ^2/NDF : 189.9/82

- sign -1960.029 $\pm$ 226.546 χ^2/NDF : 37.8/41

dit_asym_usl_rms vs Slug



Right In: 1131.013 $\pm$ 0.309 χ^2 /NDF: 316499.6/16

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

Right Out: 1134.233 $\pm$ 0.295 χ^2 /NDF: 22157.7/18

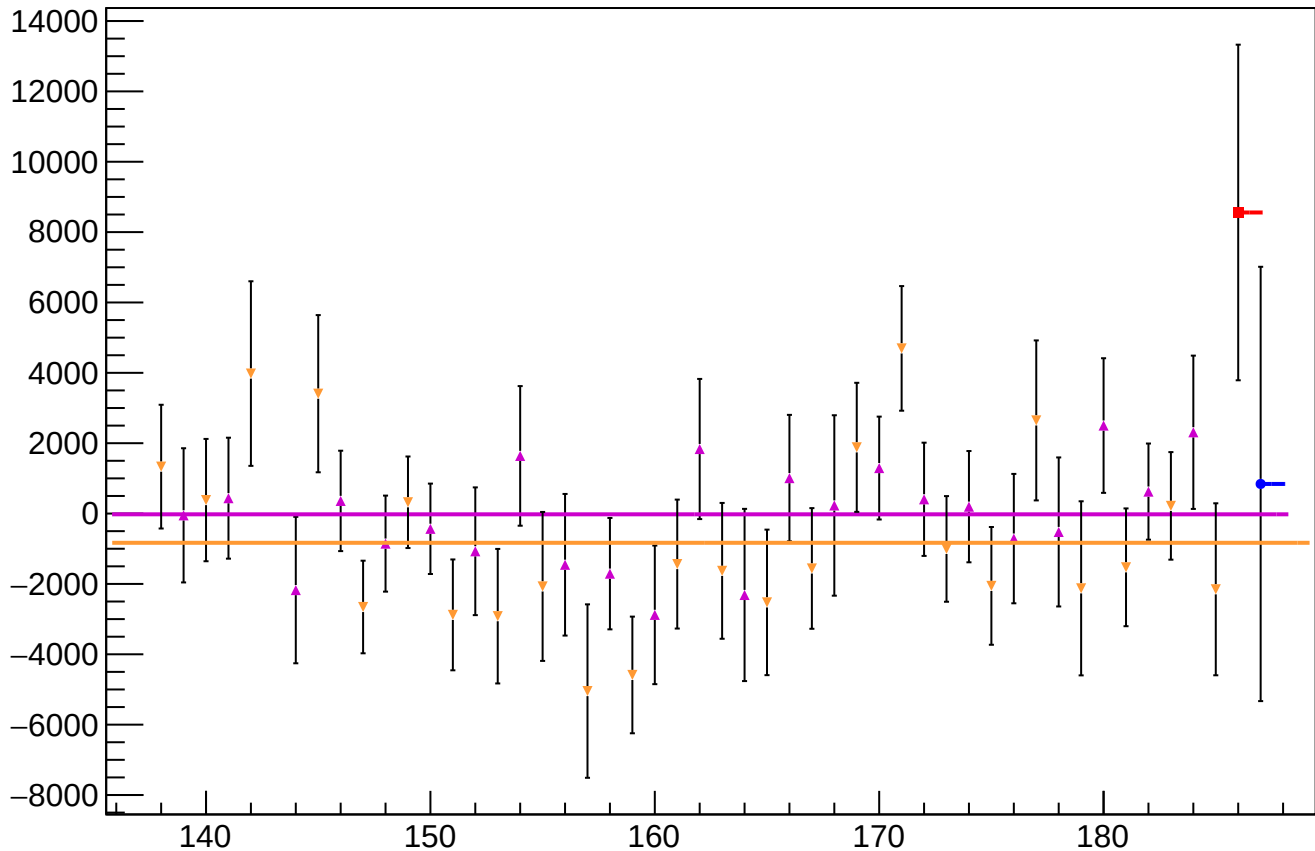
Left In: 1132.570 $\pm$ 0.191 χ^2 /NDF:14524.8/22

+ sign 1132.367 $\pm$ 0.162 χ^2 /NDF: 333312.9/40

All: 1132.717 $\pm$ 0.114 χ^2 /NDF: 370027.0/82

- sign 1133.059 $\pm$ 0.160 χ^2 /NDF: 36704.9/41

asym_usl_correction_mean vs Slug



Right In: 841.783 $\pm$ 6172.519 χ^2 /NDF: 0.0/0

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

Right Out: 8557.887 $\pm$ 4769.818 χ^2 /NDF: 0.0/0

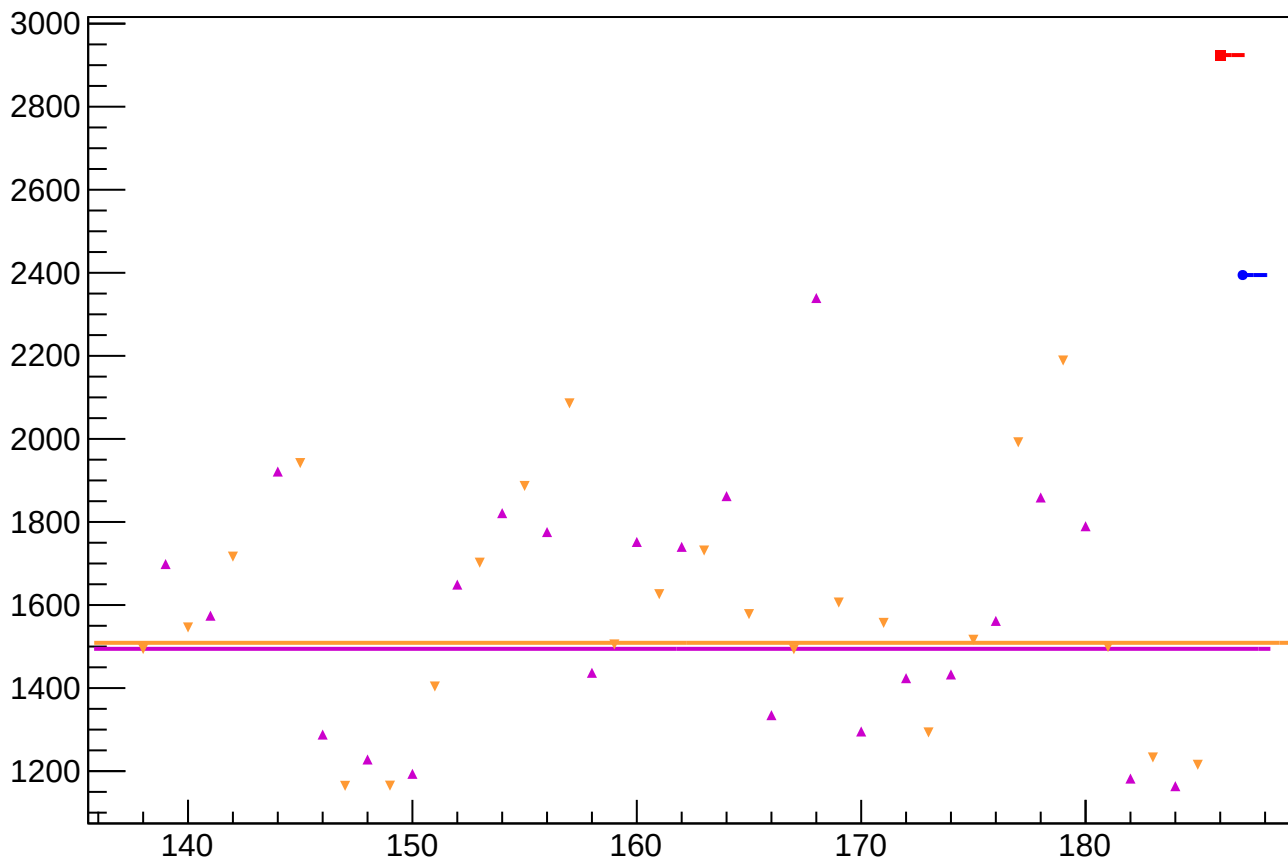
Left In: -21.419 $\pm$ 362.476 χ^2 /NDF:12.8/22

+ sign -825.064 $\pm$ 365.444 χ^2 /NDF: 40.2/24

All: -393.905 $\pm$ 256.978 χ^2 /NDF: 58.9/48

- sign 27.842 $\pm$ 361.434 χ^2 /NDF: 16.0/23

asym_usl_correction_rms vs Slug



Right In: 2394.601 +/- 4.365 χ^2 /NDF: 0.0/0

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

Right Out: 2924.314 +/- 3.373 χ^2 /NDF: 0.0/0

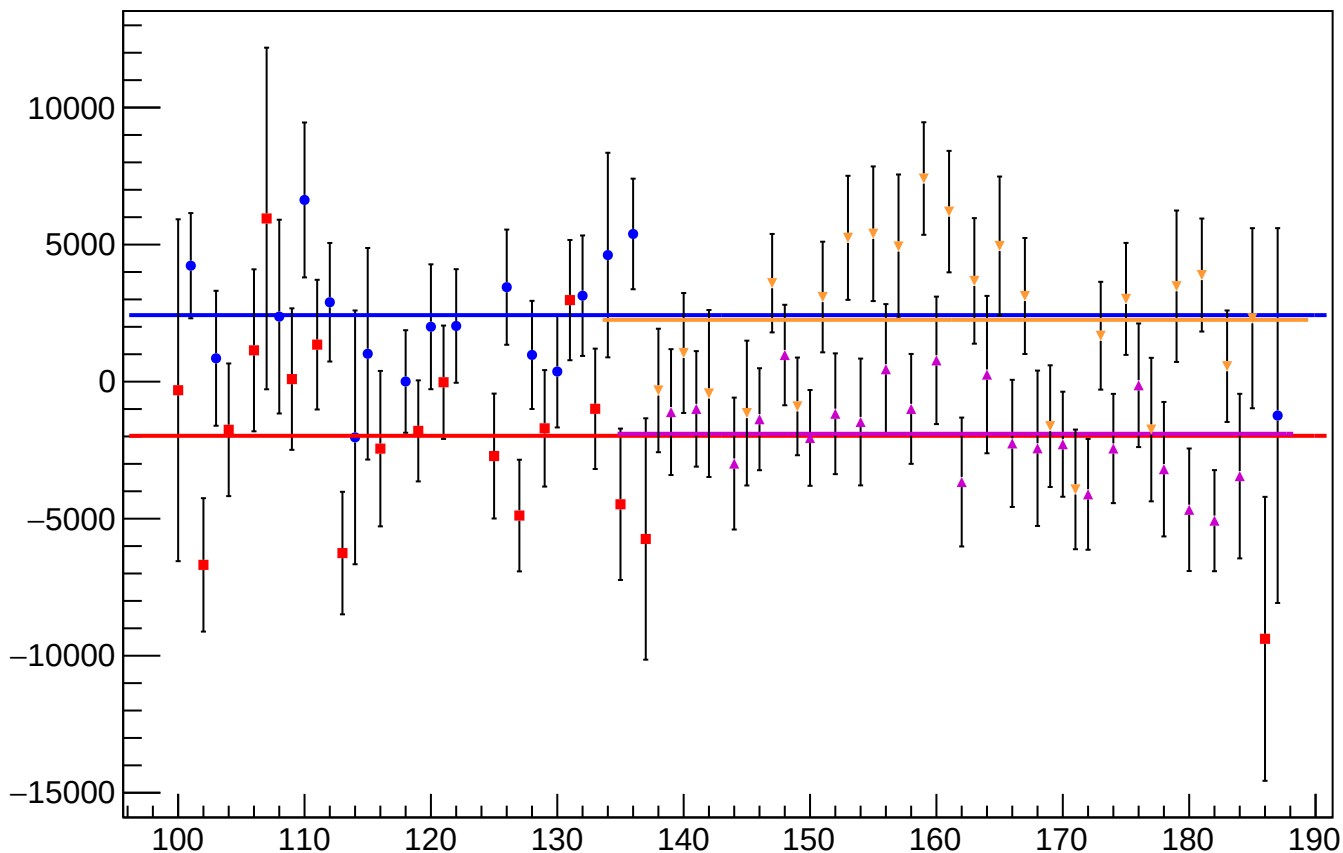
Left In: 1494.507 +/- 0.256 χ^2 /NDF: 1096280.5/22

+ sign 1512.097 +/- 0.258 χ^2 /NDF: 1029699.6/24

All: 1507.355 +/- 0.182 χ^2 /NDF: 2305328.0/48

- sign 1502.717 +/- 0.256 χ^2 /NDF: 1274962.3/23

asym_usl_mean vs Slug



Right In: 2426.914 $\pm$ 582.185 χ^2 /NDF: 11.0/16

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

Right Out: -1976.637 $\pm$ 579.527 χ^2 /NDF: 24.8/18

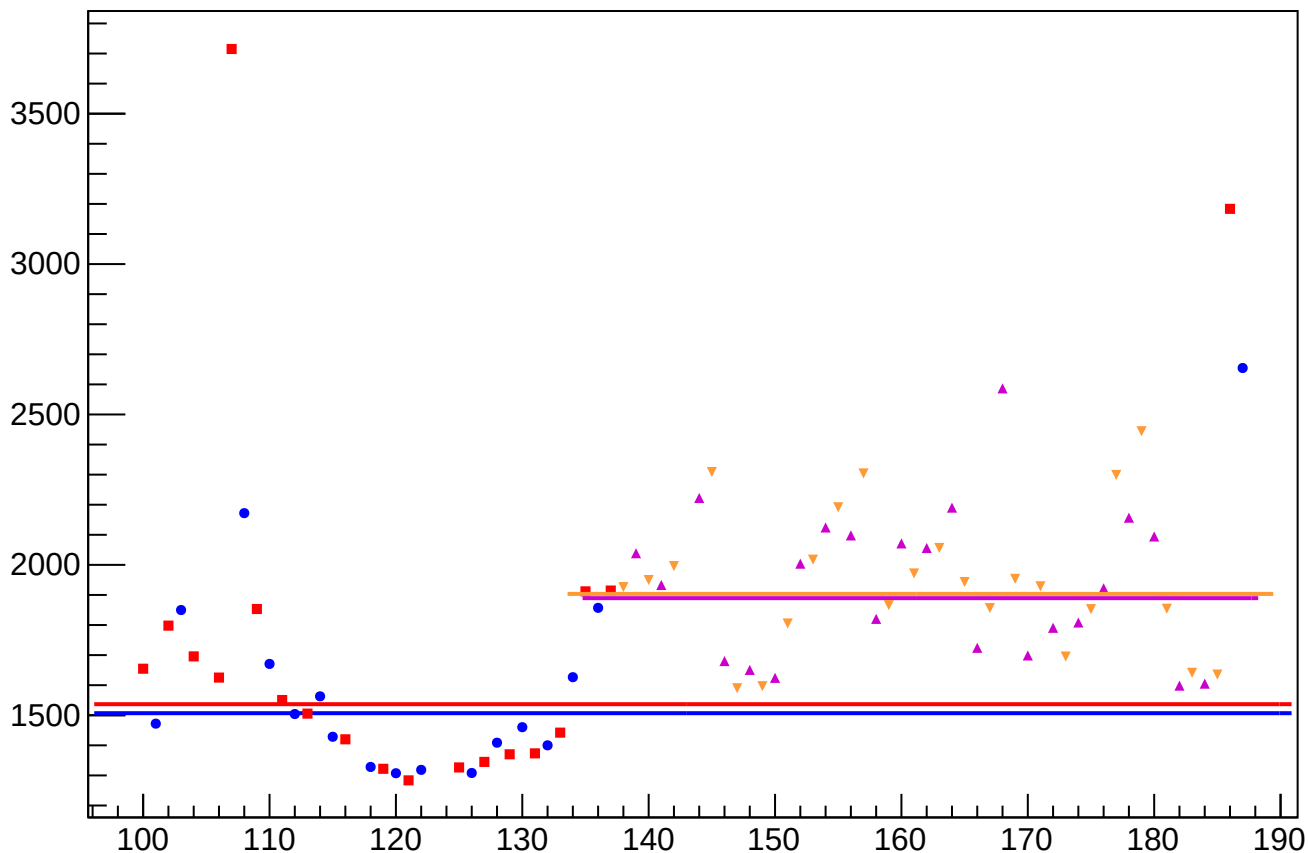
Left In: -1901.797 $\pm$ 453.879 χ^2 /NDF:13.9/22

+ sign 2319.803 $\pm$ 359.179 χ^2 /NDF: 49.8/40

All: 183.813 $\pm$ 253.322 χ^2 /NDF: 158.8/82

- sign -1930.250 $\pm$ 357.331 χ^2 /NDF: 38.7/41

asym_usl_rms vs Slug



Right In: 1506.864+/-0.412 χ^2/NDF : 315552.4/16

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

Right Out: 1536.822+/-0.410 χ^2/NDF : 685250.4/18

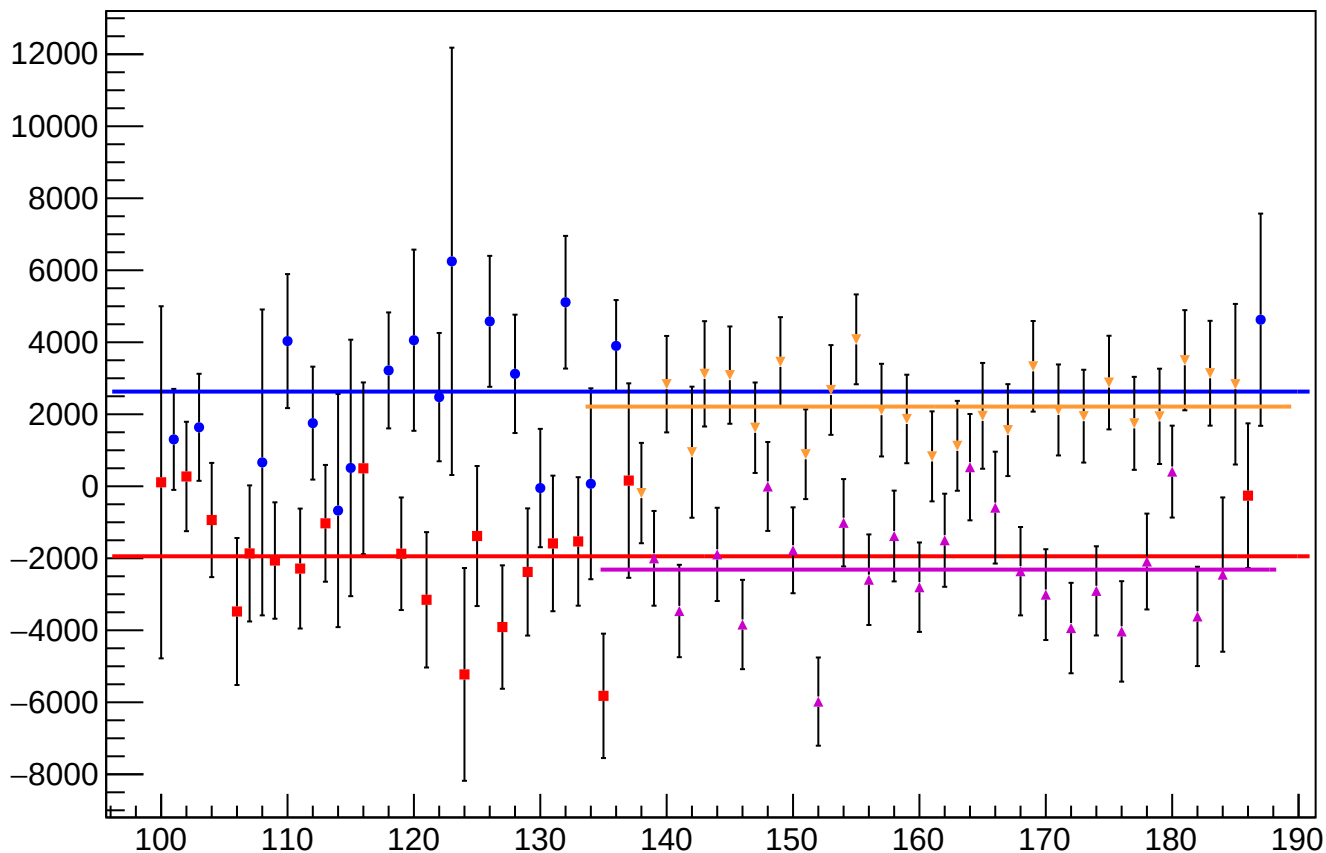
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

+ sign 1752.502+/-0.254 χ^2/NDF : 1352292.4/40

All: 1753.913+/-0.179 χ^2/NDF : 3004893.9/82

- sign 1755.310+/-0.253 χ^2/NDF : 1652540.0/41

dit_asym_usr_mean vs Slug



Right In: 2630.185 $\pm$ 447.929 χ^2 /NDF: 12.8/17

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

Right Out: -1944.674 $\pm$ 417.435 χ^2 /NDF: 14.2/19

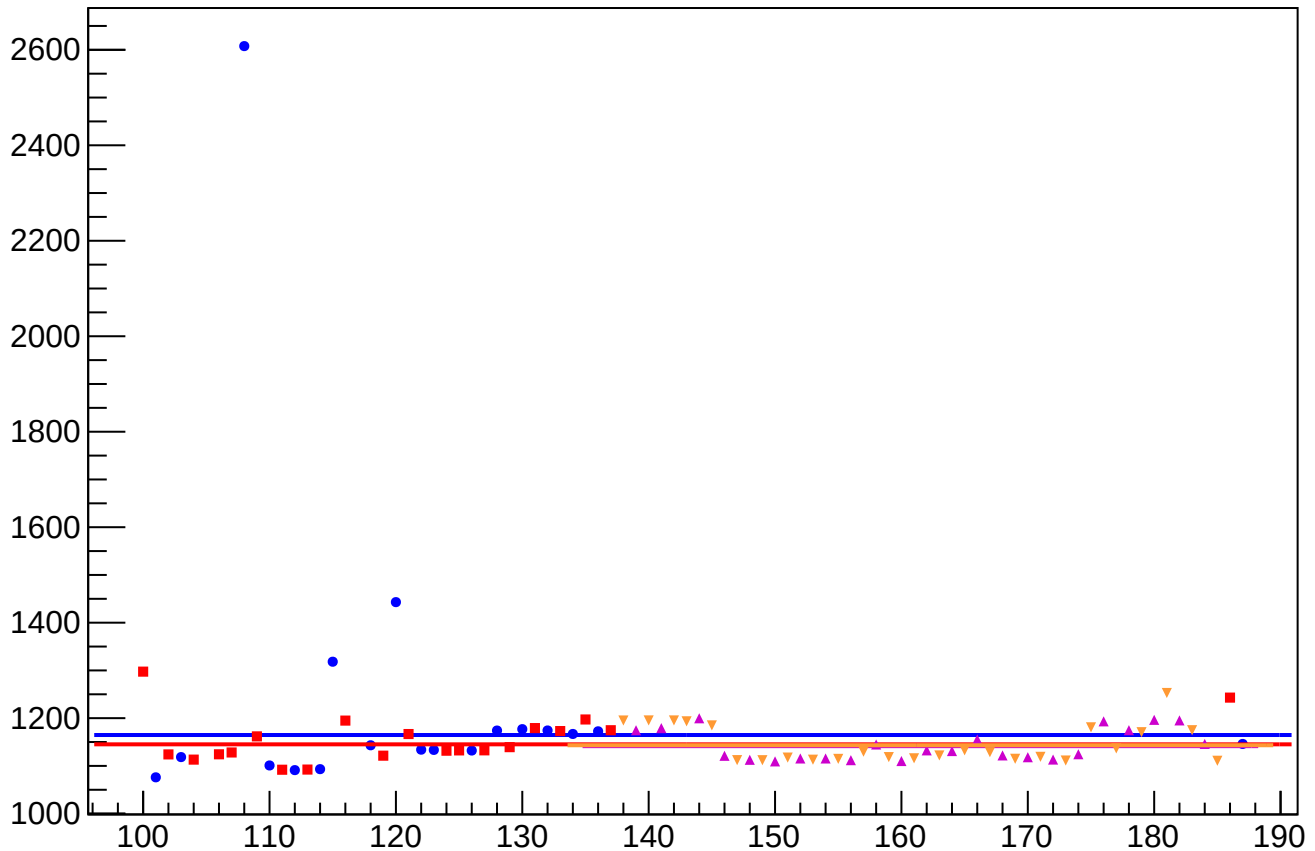
Left In: -2314.778 $\pm$ 271.873 χ^2 /NDF:31.6/22

+ sign 2322.549 $\pm$ 229.297 χ^2 /NDF: 27.6/42

All: 44.330 $\pm$ 161.611 χ^2 /NDF: 270.1/85

- sign -2204.544 $\pm$ 227.815 χ^2 /NDF: 46.3/42

dit_asym_usr_rms vs Slug



Right In: 1164.704 $\pm$ 0.317 χ^2 /NDF: 278652.5/17

Left Out: 1143.249 $\pm$ 0.189 χ^2 /NDF: 39493.3/24

Right Out: 1145.172 $\pm$ 0.295 χ^2 /NDF: 17682.6/19

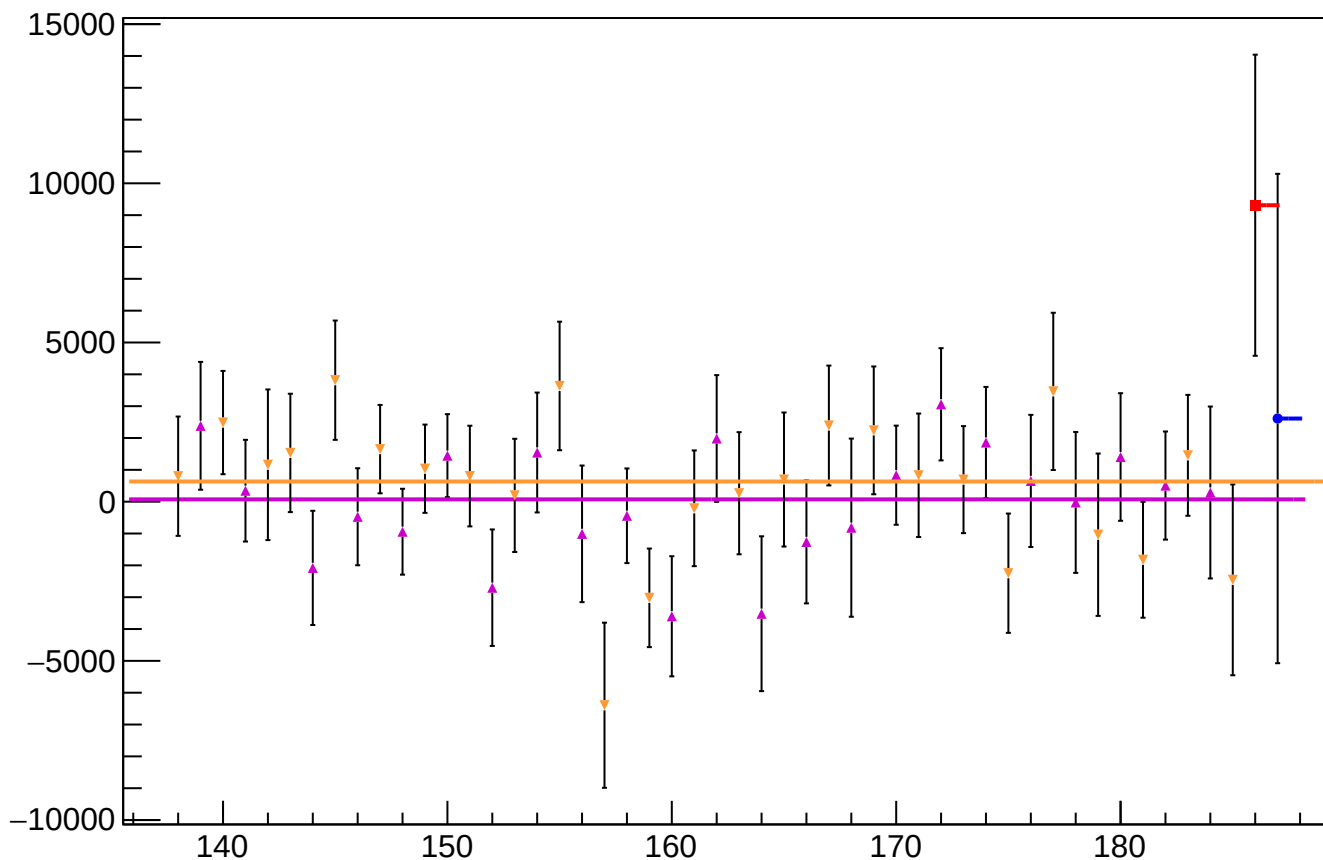
Left In: 1141.363 $\pm$ 0.192 χ^2 /NDF: 28014.9/22

+ sign 1148.872 $\pm$ 0.162 χ^2 /NDF: 321531.8/42

All: 1145.664 $\pm$ 0.114 χ^2 /NDF: 368124.0/85

- sign 1142.497 $\pm$ 0.161 χ^2 /NDF: 45814.5/42

asym_usr_correction_mean vs Slug



Right In: 2611.704 $\pm$ 7685.510 χ^2 /NDF: 0.0/0

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

Right Out: 9311.556 $\pm$ 4729.177 χ^2 /NDF: 0.0/0

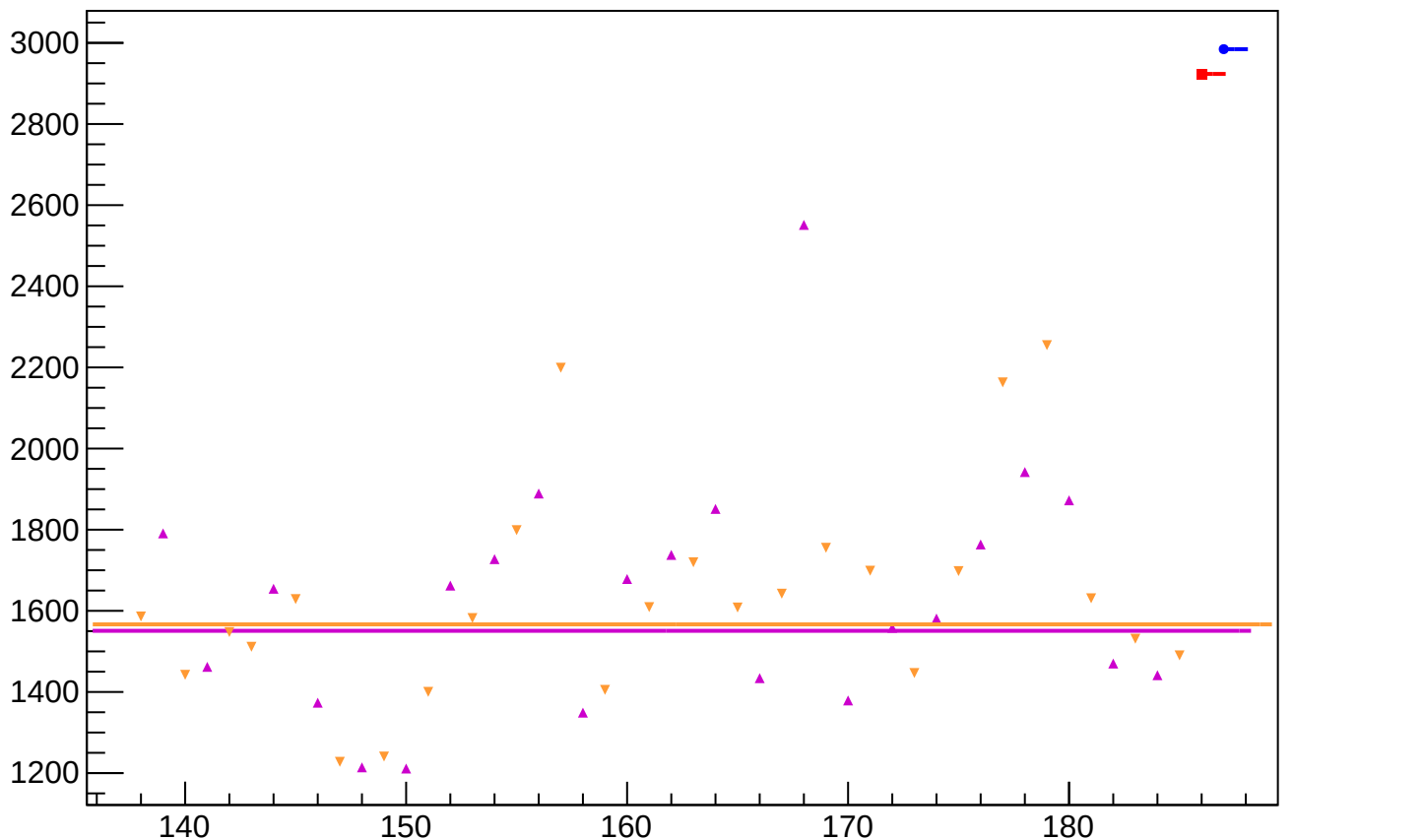
Left In: 72.962 $\pm$ 375.277 χ^2 /NDF:20.1/22

+ sign 638.369 $\pm$ 371.499 χ^2 /NDF: 29.3/25

All: 386.343 $\pm$ 263.605 χ^2 /NDF: 54.1/49

- sign 130.773 $\pm$ 374.101 χ^2 /NDF: 23.9/23

asym_usr_correction_rms vs Slug



Right In: 2984.539+/-5.434 χ^2/NDF : 0.0/0

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

Right Out: 2923.442+/-3.344 χ^2/NDF : 0.0/0

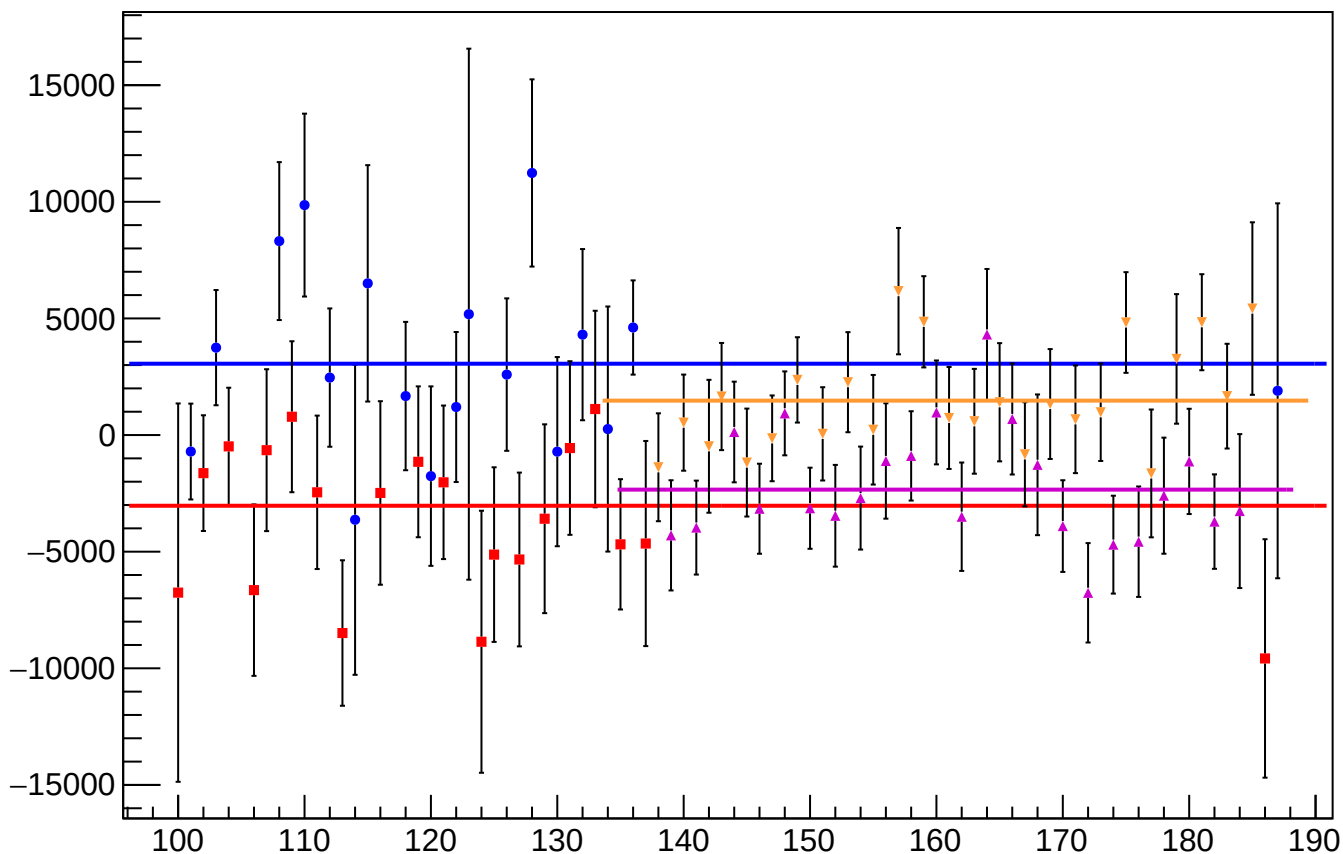
Left In: 1550.750+/-0.265 χ^2/NDF : 928652.8/22

+ sign 1569.939+/-0.263 χ^2/NDF : 834870.5/25

All: 1564.676+/-0.186 χ^2/NDF : 1931779.3/49

- sign 1559.339+/-0.265 χ^2/NDF : 1096100.3/23

asym_usr_mean vs Slug



Right In: 3058.046 $\pm$ 793.840 χ^2 /NDF: 18.5/17

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

Right Out: -3031.145 $\pm$ 785.893 χ^2 /NDF: 13.3/19

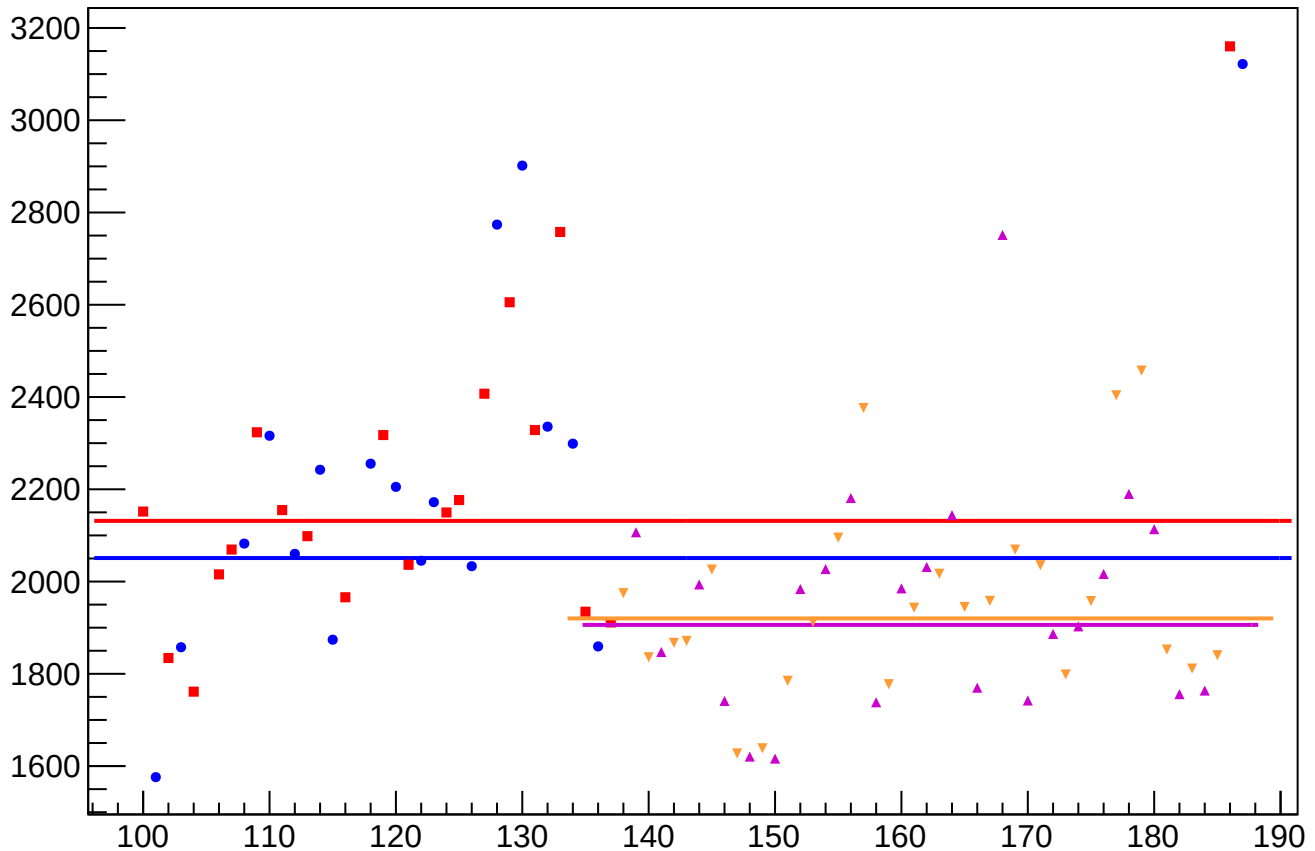
Left In: -2339.905 $\pm$ 457.448 χ^2 /NDF:25.2/22

+ sign 1862.216 $\pm$ 392.363 χ^2 /NDF: 42.5/42

All: -309.708 $\pm$ 278.493 χ^2 /NDF: 143.2/85

- sign -2514.836 $\pm$ 395.351 χ^2 /NDF: 39.0/42

asym_usr_rms vs Slug



Right In: 2050.985 $\pm$ 0.561 χ^2 /NDF: 367199.7/17

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

Right Out: 2131.535 $\pm$ 0.556 χ^2 /NDF: 278395.5/19

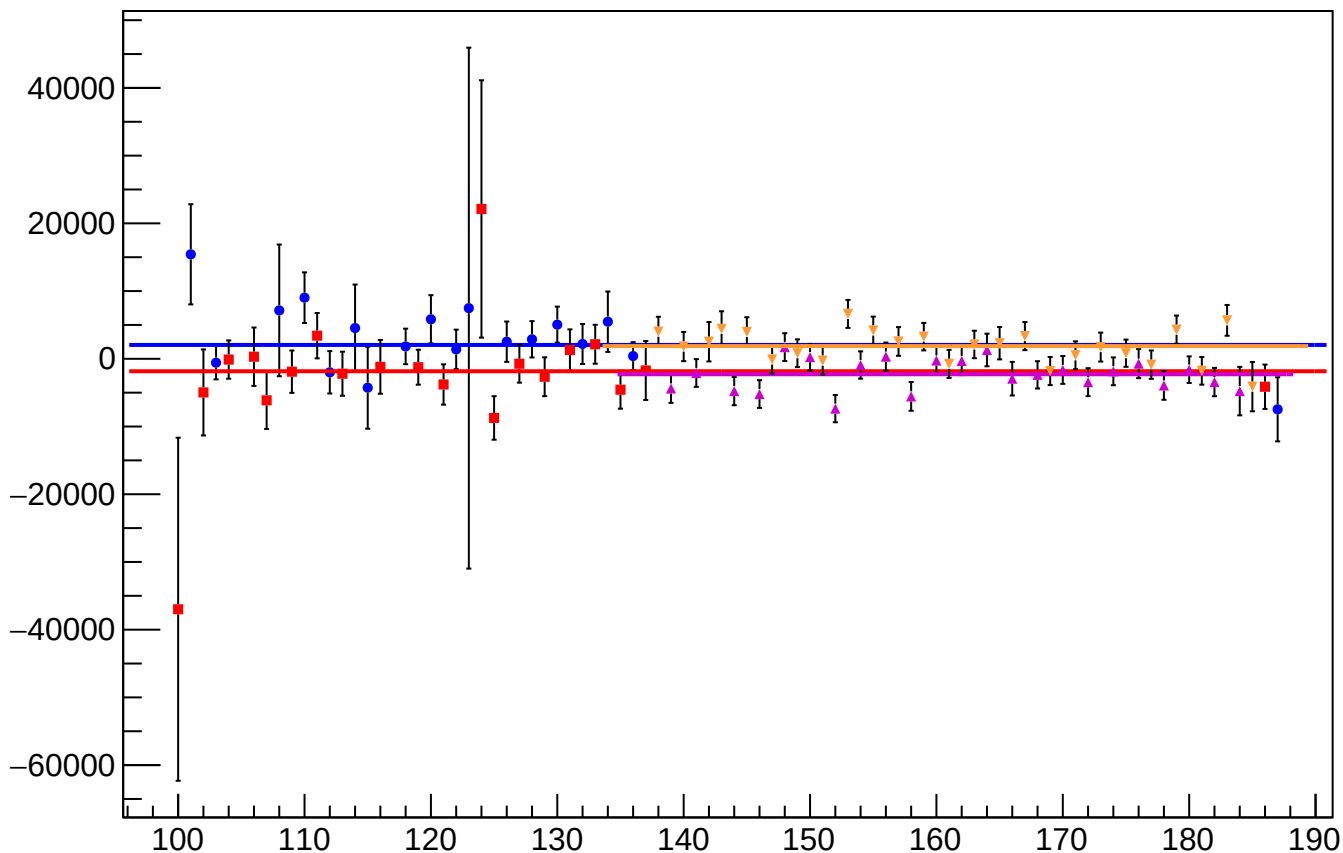
Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF: 451054.7/22

+ sign 1952.061 $\pm$ 0.277 χ^2 /NDF: 774216.7/42

All: 1957.542 $\pm$ 0.197 χ^2 /NDF: 1627437.3/85

- sign 1963.108 $\pm$ 0.280 χ^2 /NDF: 852433.9/42

dit_asym_at1_avg_mean vs Slug



Right In: 2046.595 $\pm$ 790.199 χ^2 /NDF: 18.9/17

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

Right Out: -1836.720 $\pm$ 761.368 χ^2 /NDF: 17.7/19

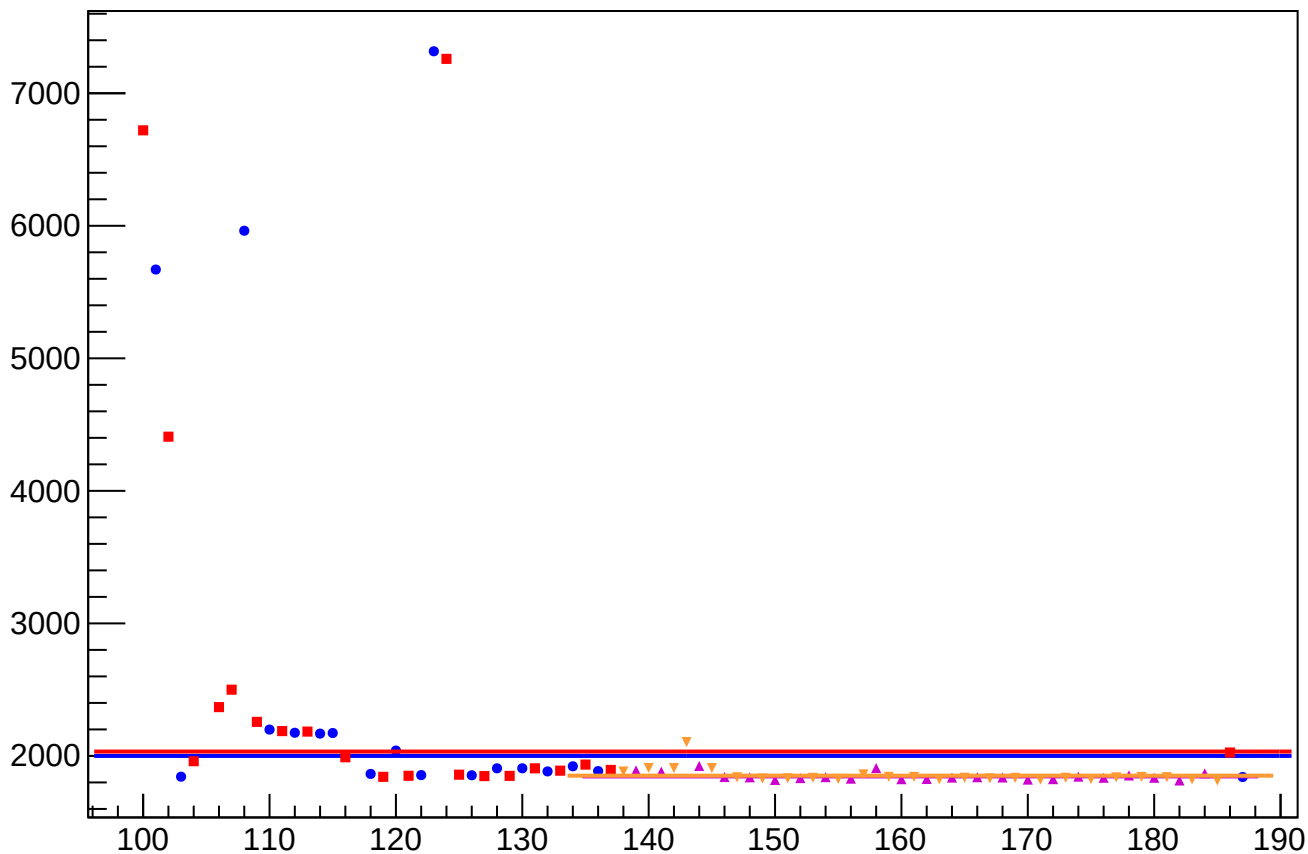
Left In: -2286.268 $\pm$ 441.005 χ^2 /NDF:27.3/22

+ sign 1914.883 $\pm$ 379.893 χ^2 /NDF: 49.0/42

All: -120.000 $\pm$ 269.230 χ^2 /NDF: 151.9/85

- sign -2173.333 $\pm$ 381.611 χ^2 /NDF: 45.3/42

dit_asym_at1_avg_rms vs Slug



Right In: 1999.994+/-0.559 χ^2/NDF : 918334.2/17

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

Right Out: 2033.071+/-0.538 χ^2/NDF : 611020.4/19

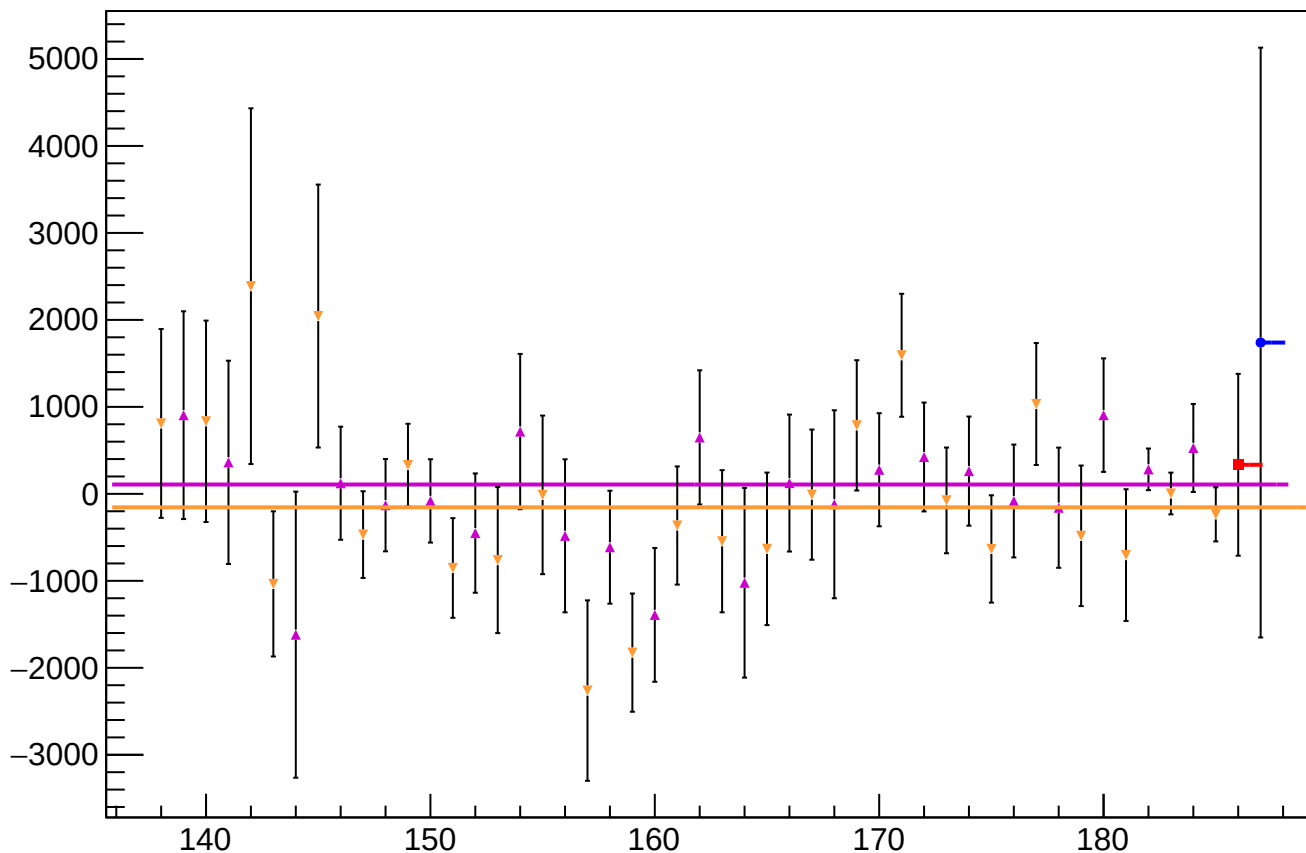
Left In: 1845.411+/-0.312 χ^2/NDF : 8318.8/22

+ sign 1885.487+/-0.269 χ^2/NDF : 999207.5/42

All: 1889.005+/-0.190 χ^2/NDF : 1709870.4/85

- sign 1892.555+/-0.270 χ^2/NDF : 710318.4/42

asym_at1_avg_correction_mean vs Slug



Right In: 1739.451 $\pm$ 3390.395 χ^2 /NDF: 0.0/0

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

Right Out: 334.357 $\pm$ 1045.300 χ^2 /NDF: 0.0/0

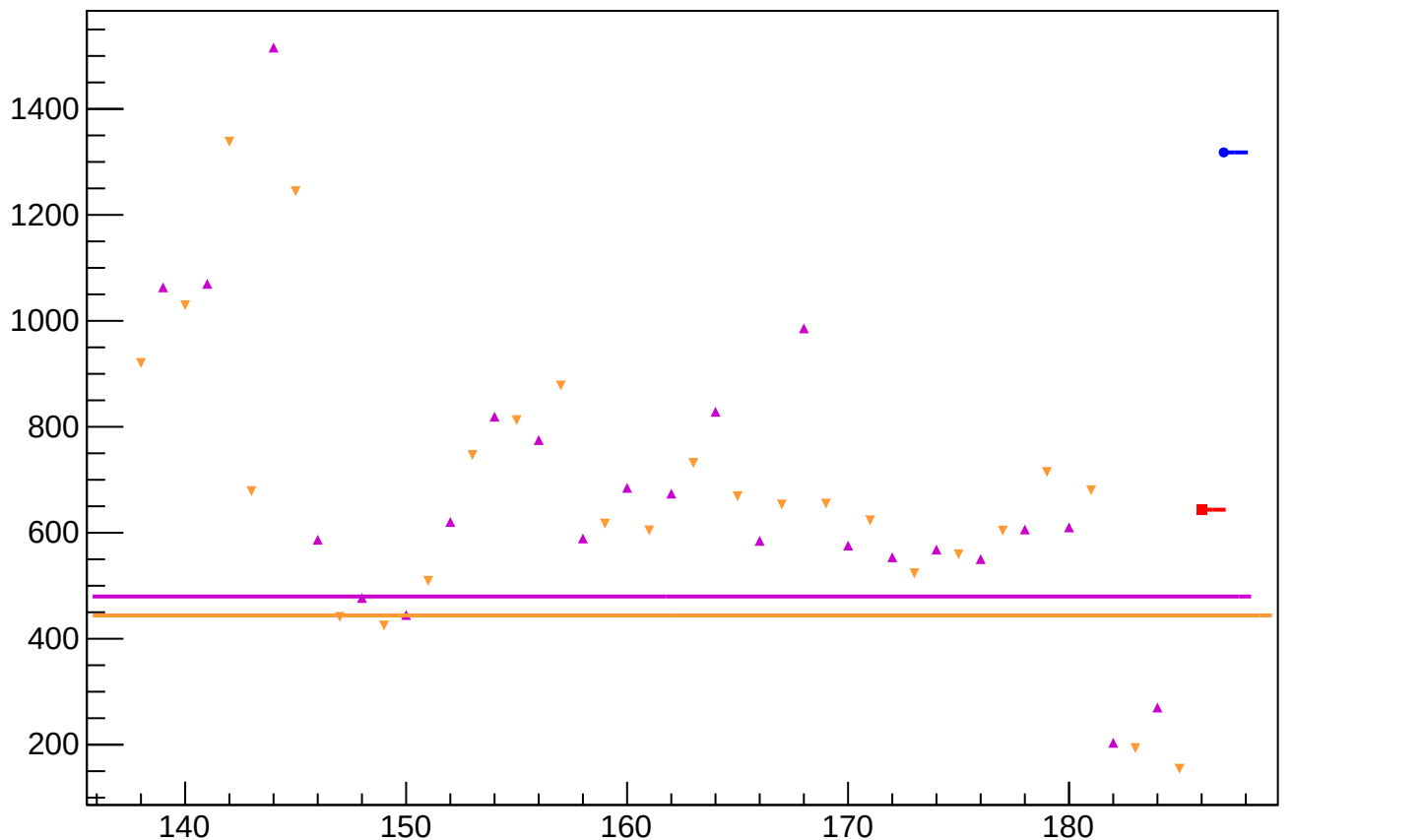
Left In: 107.387 $\pm$ 127.580 χ^2 /NDF:13.5/22

+ sign -152.489 $\pm$ 119.579 χ^2 /NDF: 33.3/25

All: -28.427 $\pm$ 86.944 χ^2 /NDF: 49.1/49

- sign 110.719 $\pm$ 126.640 χ^2 /NDF: 13.5/23

asym_at1_avg_correction_rms vs Slug



Right In: 1317.939+/-2.397 χ^2/NDF : 0.0/0

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

Right Out: 643.583+/-0.739 χ^2/NDF : 0.0/0

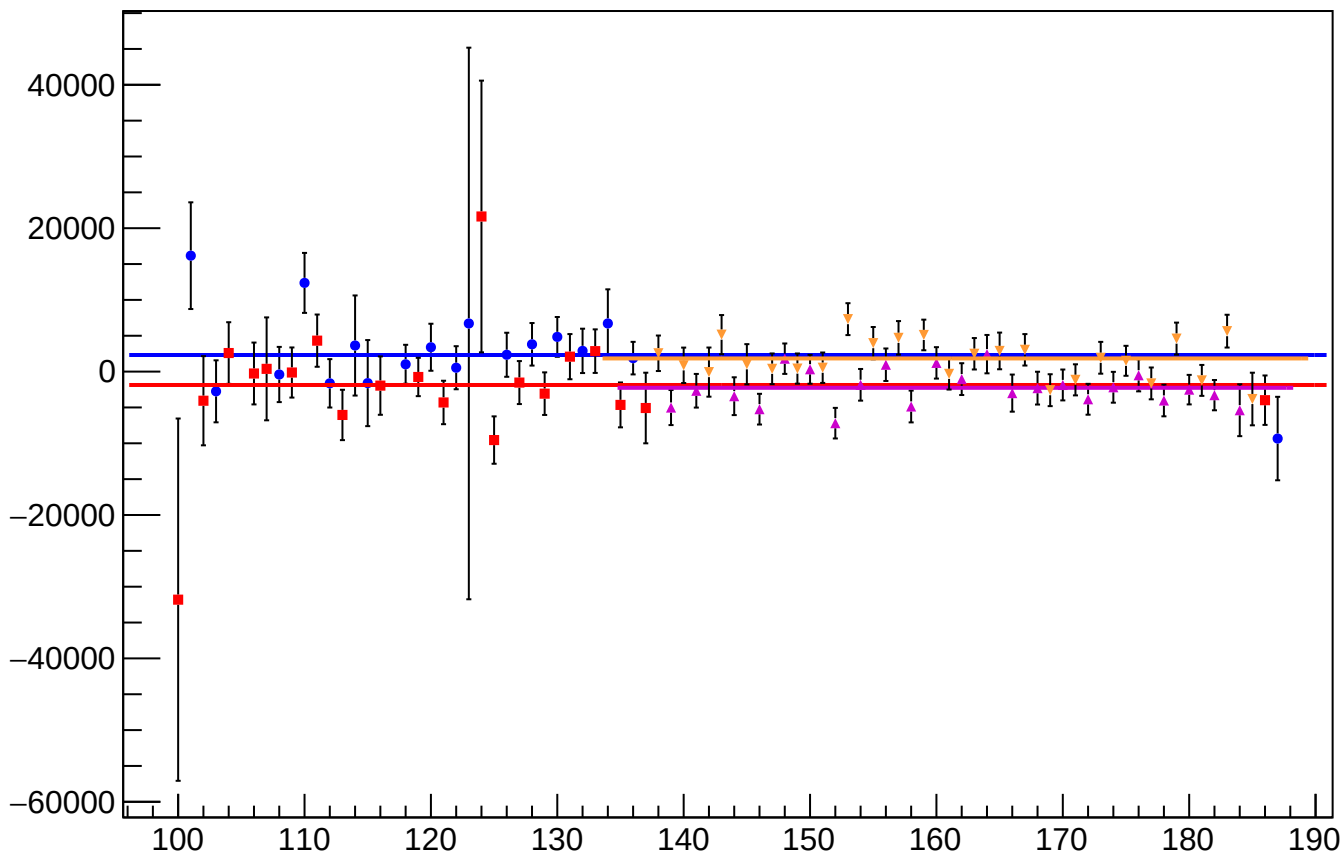
Left In: 479.723+/-0.090 χ^2/NDF : 6734597.7/22

+ sign 445.049+/-0.085 χ^2/NDF : 8705869.4/25

All: 462.526+/-0.061 χ^2/NDF : 15579531.6/49

- sign 482.128+/-0.090 χ^2/NDF : 6783023.1/23

asym_at1_avg_mean vs Slug



Right In: 2314.763 ± 846.979 $\chi^2/\text{NDF}: 19.7/17$

Left Out: 1834.720 ± 463.777 $\chi^2/\text{NDF}: 32.8/24$

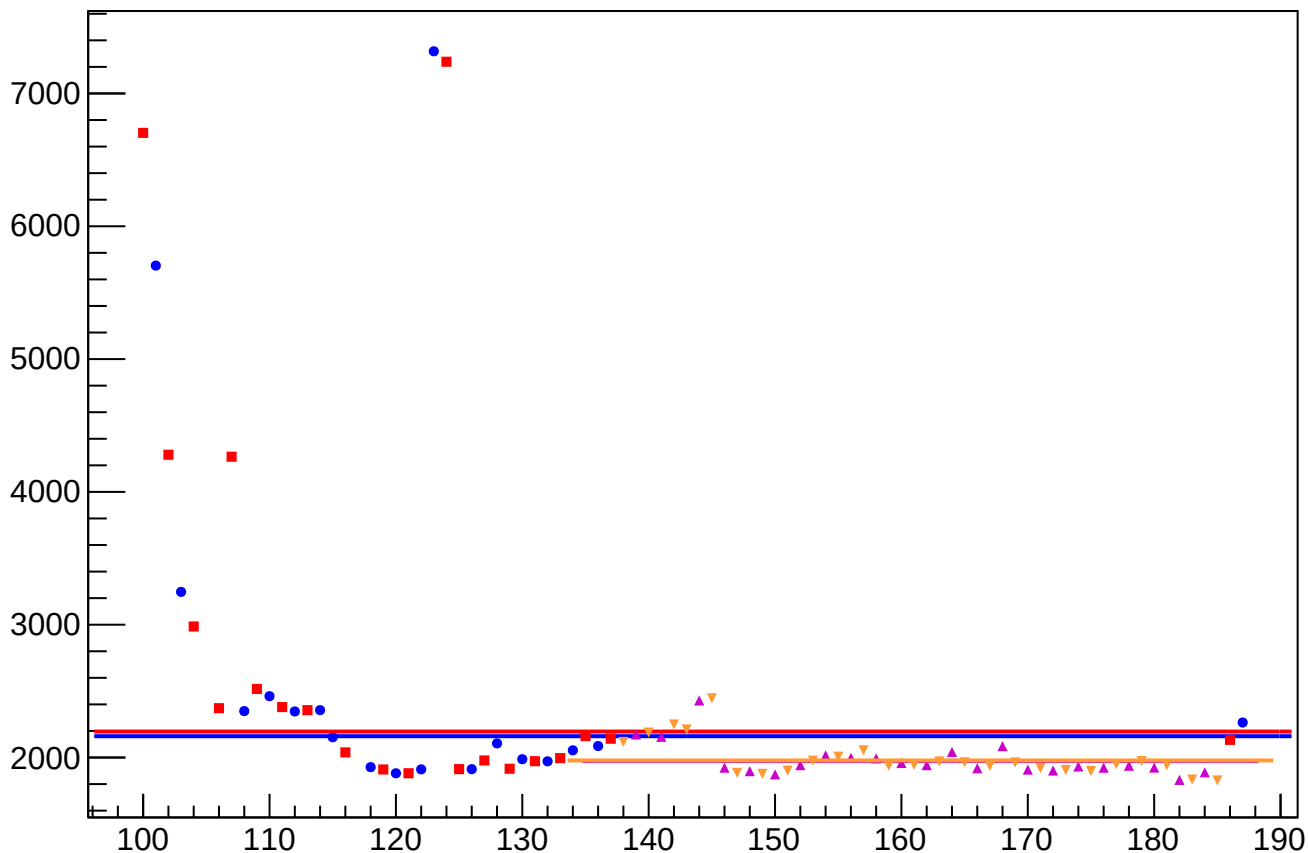
Right Out: -1867.588 ± 828.178 $\chi^2/\text{NDF}: 20.9/19$

Left In: -2260.178 ± 472.324 $\chi^2/\text{NDF}: 26.3/22$

+ sign 1945.450 ± 406.786 $\chi^2/\text{NDF}: 52.7/42$

All: -91.573 ± 288.871 $\chi^2/\text{NDF}: 150.7/85$

- sign -2163.824 ± 410.288 $\chi^2/\text{NDF}: 47.4/42$



Right In: 2160.379+/-0.599 χ^2/NDF : 714503.6/17

Left Out: 1978.045+/-0.328 χ^2/NDF : 137699.3/24

Right Out: 2195.515+/-0.586 χ^2/NDF : 803719.3/19

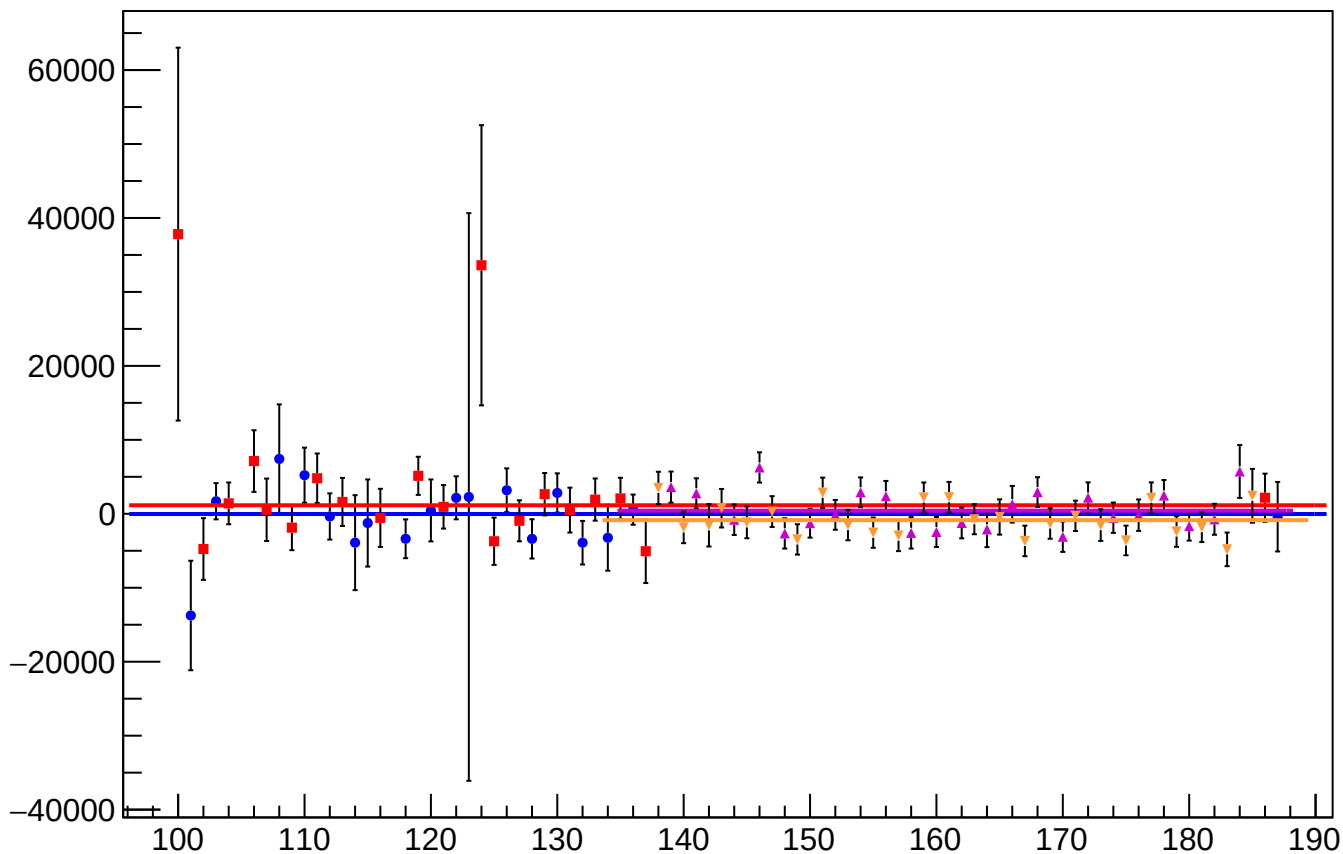
Left In: 1973.216+/-0.334 χ^2/NDF : 120479.3/22

+ sign 2020.103+/-0.288 χ^2/NDF : 923510.6/42

All: 2023.907+/-0.204 χ^2/NDF : 1956793.4/85

- sign 2027.776+/-0.290 χ^2/NDF : 1032930.1/42

dit_asym_at1_dd_mean vs Slug



Right In: -28.838 ± 790.000 χ^2/NDF : 15.9/17

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

Right Out: 1152.512 ± 749.071 χ^2/NDF : 19.5/19

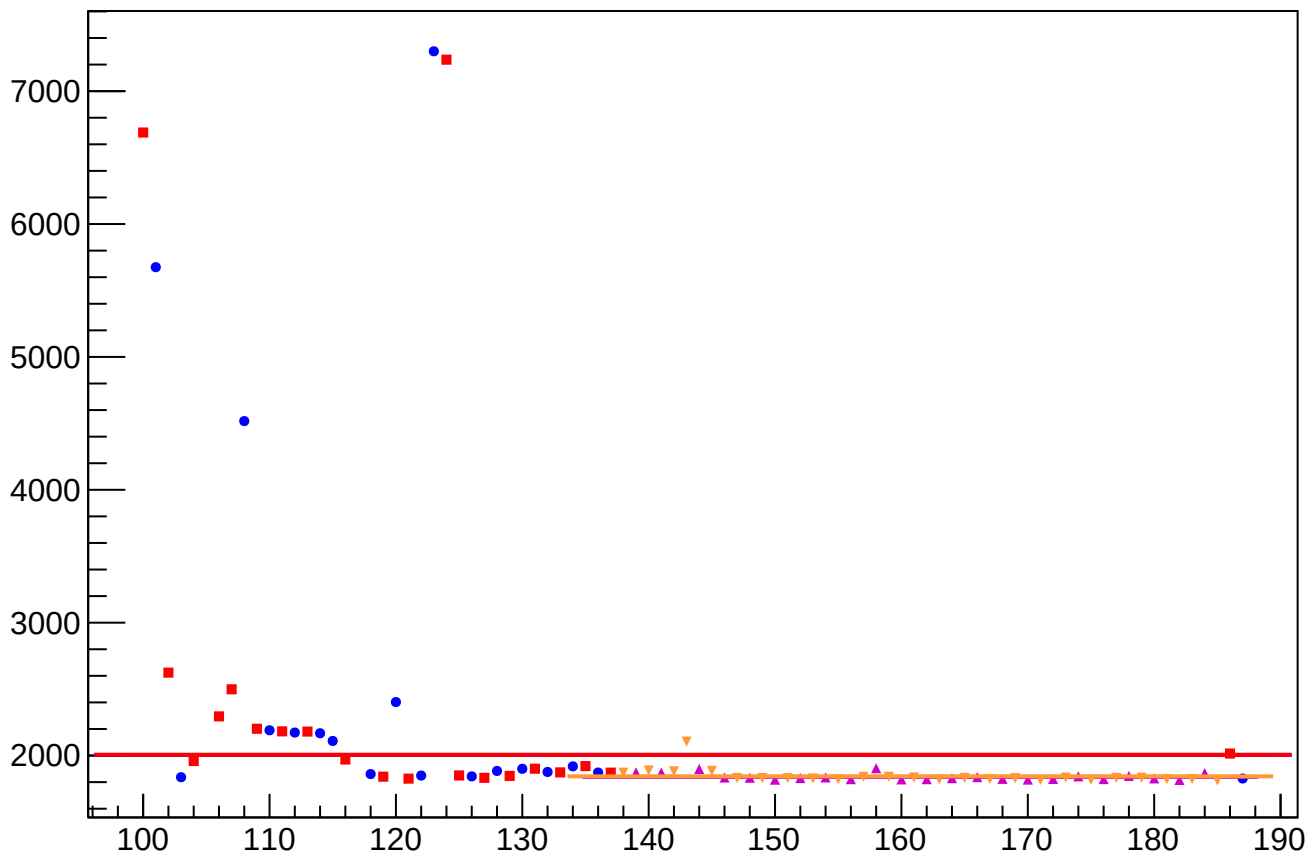
Left In: 427.682 ± 439.561 χ^2/NDF : 33.7/22

+ sign -667.986 ± 378.669 χ^2/NDF : 43.6/42

All: -28.066 ± 267.915 χ^2/NDF : 103.2/85

- sign 613.342 ± 379.109 χ^2/NDF : 53.9/42

dit_asym_at1_dd_rms vs Slug



Right In: 2005.102+/-0.559 χ^2/NDF : 842692.7/17

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

Right Out: 2005.429+/-0.530 χ^2/NDF : 367532.0/19

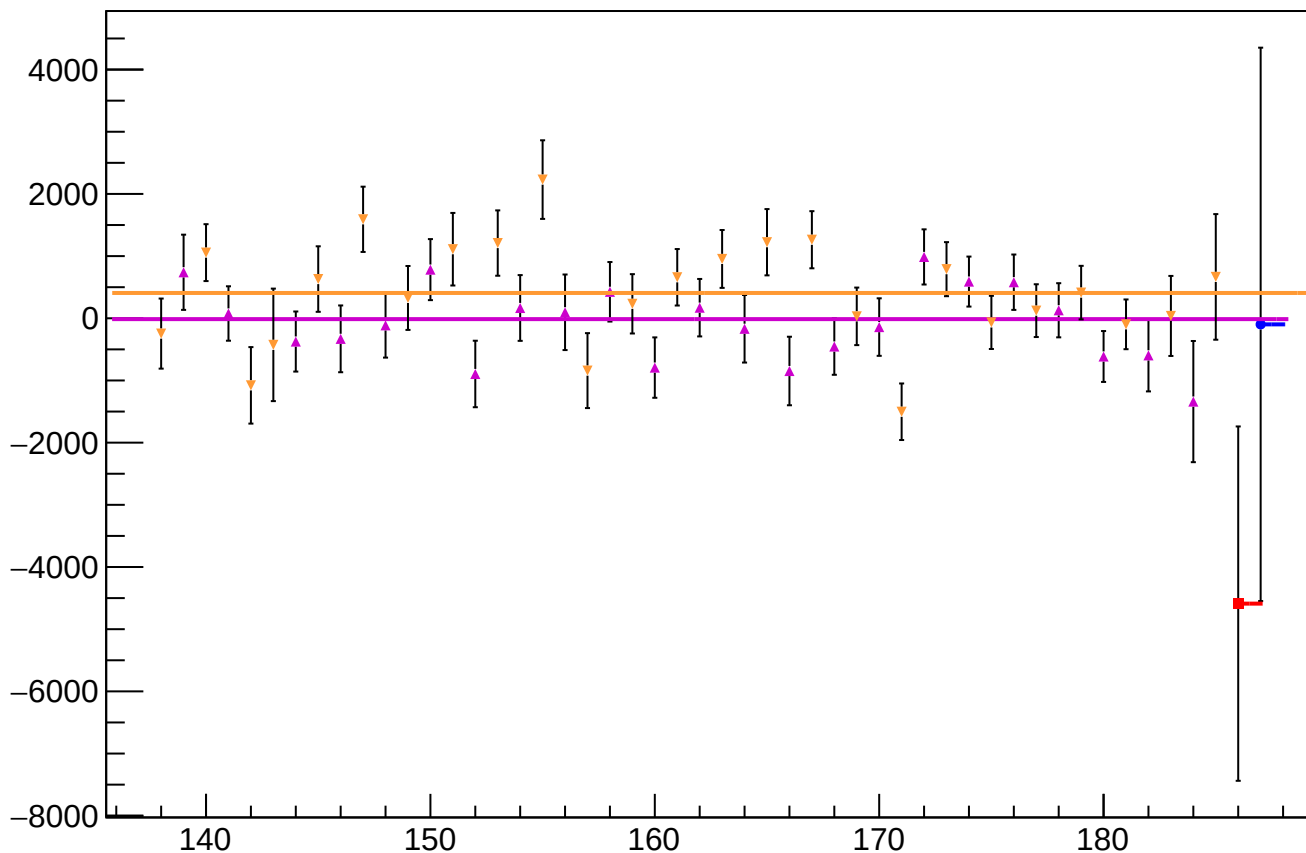
Left In: 1839.431+/-0.311 χ^2/NDF : 6418.5/22

+ sign 1880.655+/-0.268 χ^2/NDF : 932100.7/42

All: 1881.302+/-0.189 χ^2/NDF : 1379122.5/85

- sign 1881.950+/-0.268 χ^2/NDF : 447010.1/42

asym_at1_dd_correction_mean vs Slug



Right In: -97.837 ± 4449.956 χ^2/NDF : 0.0/0

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

Right Out: -4588.898 ± 2849.322 χ^2/NDF : 0.0/0

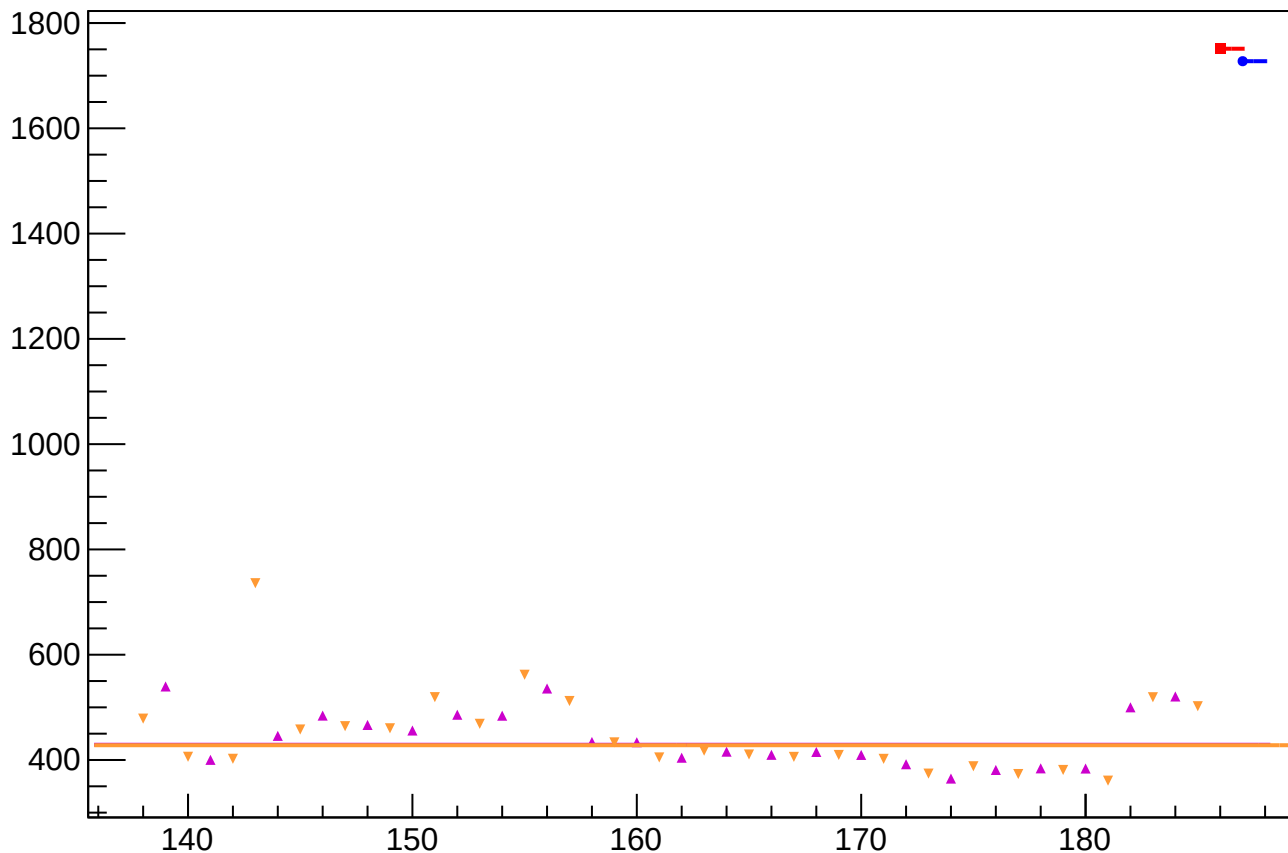
Left In: -13.395 ± 102.912 χ^2/NDF : 29.2/22

+ sign 407.059 ± 101.195 χ^2/NDF : 62.1/25

All: 197.300 ± 72.132 χ^2/NDF : 102.7/49

- sign -19.356 ± 102.845 χ^2/NDF : 31.8/23

asym_at1_dd_correction_rms vs Slug



Right In: 1727.493+/-3.147 χ^2/NDF : 0.0/0

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

Right Out: 1751.181+/-2.015 χ^2/NDF : 0.0/0

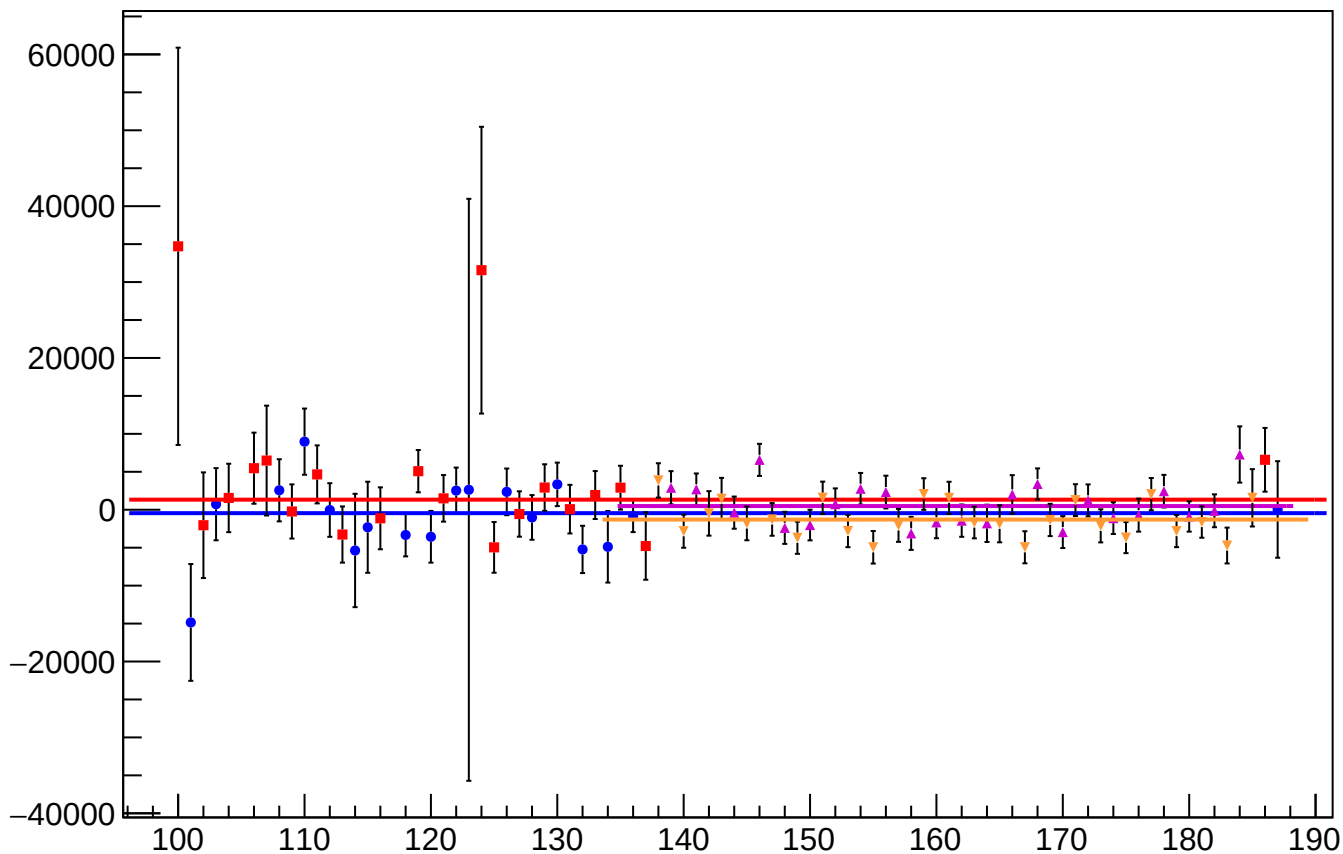
Left In: 428.926+/-0.073 χ^2/NDF : 418755.3/22

+ sign 428.724+/-0.072 χ^2/NDF : 875185.1/25

All: 429.671+/-0.051 χ^2/NDF : 1724437.8/49

- sign 430.649+/-0.073 χ^2/NDF : 848896.7/23

asym_at1_dd_mean vs Slug



Right In: -449.325 ± 857.257 χ^2/NDF : 18.1/17

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

Right Out: 1328.215 ± 849.251 χ^2/NDF : 18.5/19

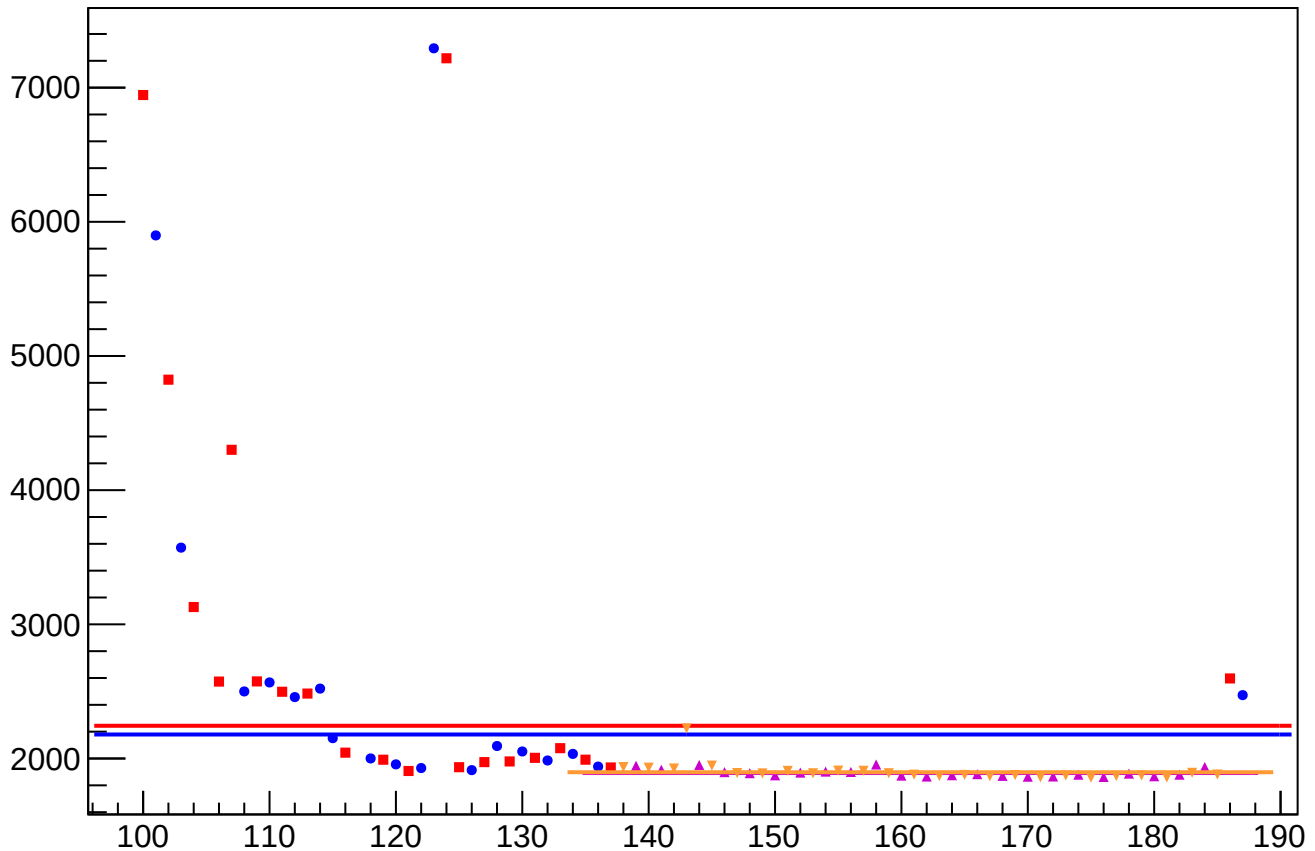
Left In: 485.827 ± 452.020 χ^2/NDF : 32.4/22

+ sign -1115.363 ± 394.364 χ^2/NDF : 48.5/42

All: -232.274 ± 280.489 χ^2/NDF : 110.3/85

- sign 671.791 ± 399.019 χ^2/NDF : 51.7/42

asym_at1_dd_rms vs Slug



Right In: 2178.956+/-0.606 χ^2/NDF : 809692.6/17

Left Out: 1897.670+/-0.314 χ^2/NDF : 35089.1/24

Right Out: 2243.929+/-0.601 χ^2/NDF : 910574.0/19

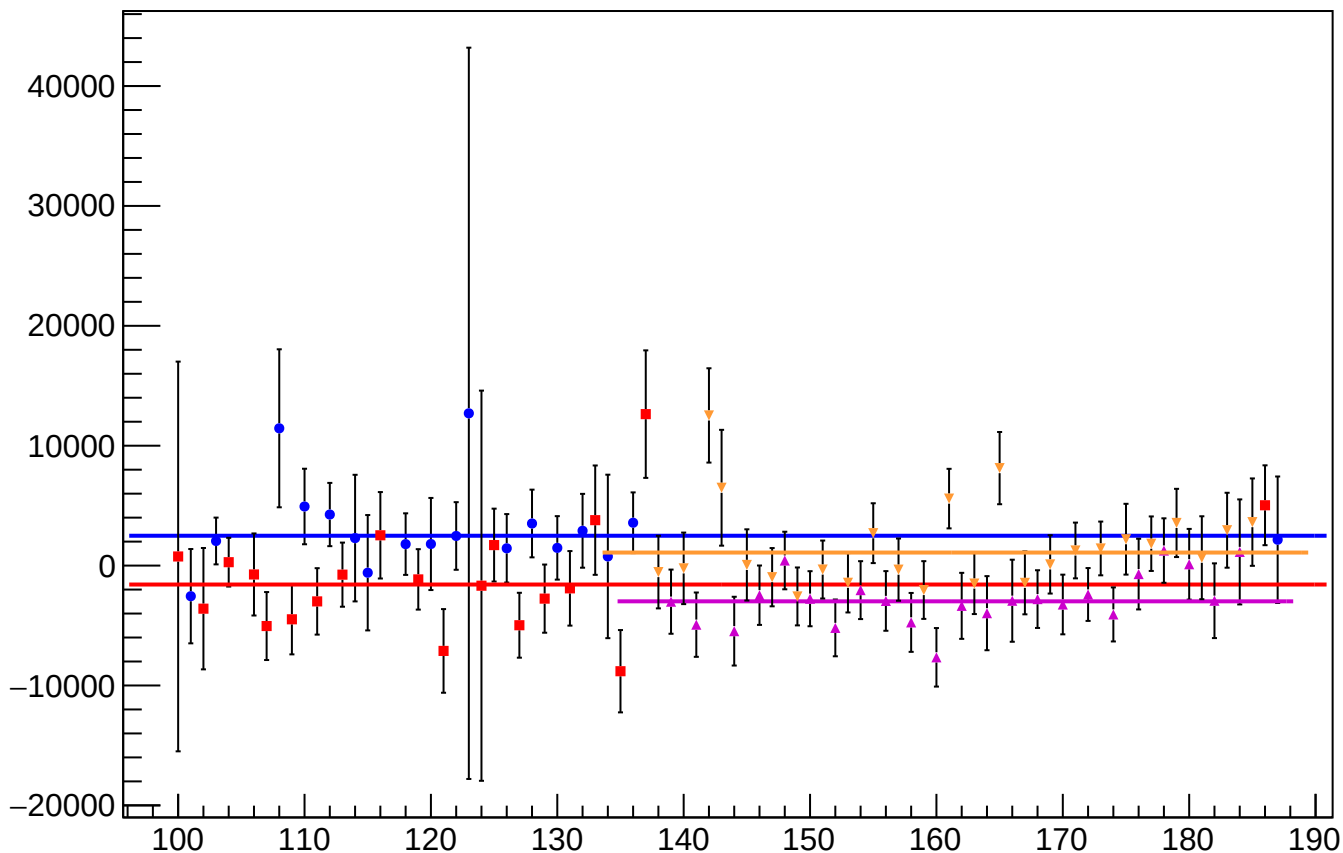
Left In: 1891.722+/-0.320 χ^2/NDF : 7584.2/22

+ sign 1957.198+/-0.279 χ^2/NDF : 1014541.5/42

All: 1963.264+/-0.198 χ^2/NDF : 2201715.0/85

- sign 1969.475+/-0.282 χ^2/NDF : 1186215.7/42

dit_asym_at2_avg_mean vs Slug



Right In: 2489.540 ± 760.274 χ^2/NDF : 5.9/17

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

Right Out: -1579.362 ± 719.398 χ^2/NDF : 27.6/19

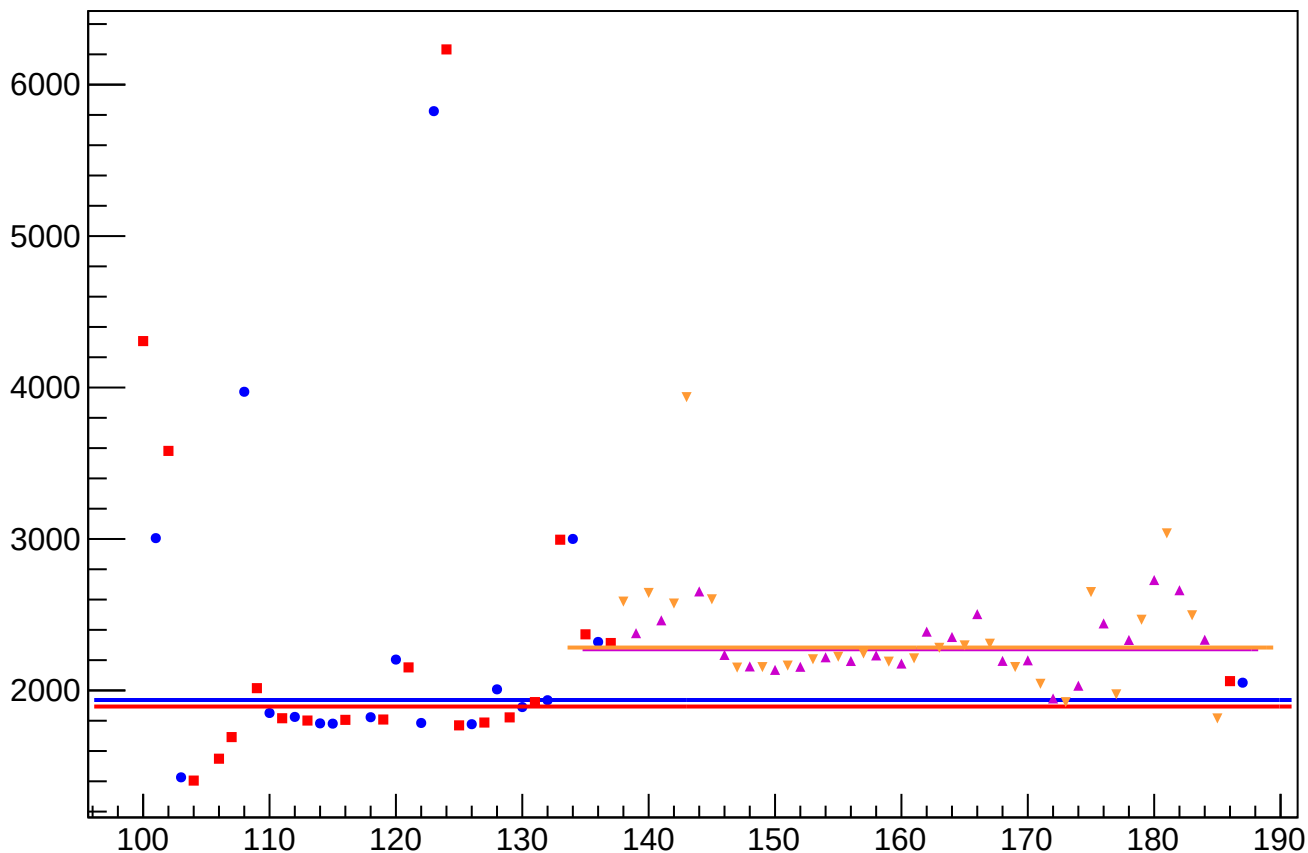
Left In: -2981.160 ± 546.107 χ^2/NDF : 14.0/22

+ sign 1559.037 ± 440.783 χ^2/NDF : 38.0/42

All: -481.534 ± 309.607 χ^2/NDF : 124.4/85

- sign -2468.682 ± 434.975 χ^2/NDF : 44.0/42

dit_asym_at2_avg_rms vs Slug



Right In: 1936.830 ± 0.538 $\chi^2/\text{NDF}: 639880.1/17$

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

Right Out: 1893.753 ± 0.509 $\chi^2/\text{NDF}: 757412.6/19$

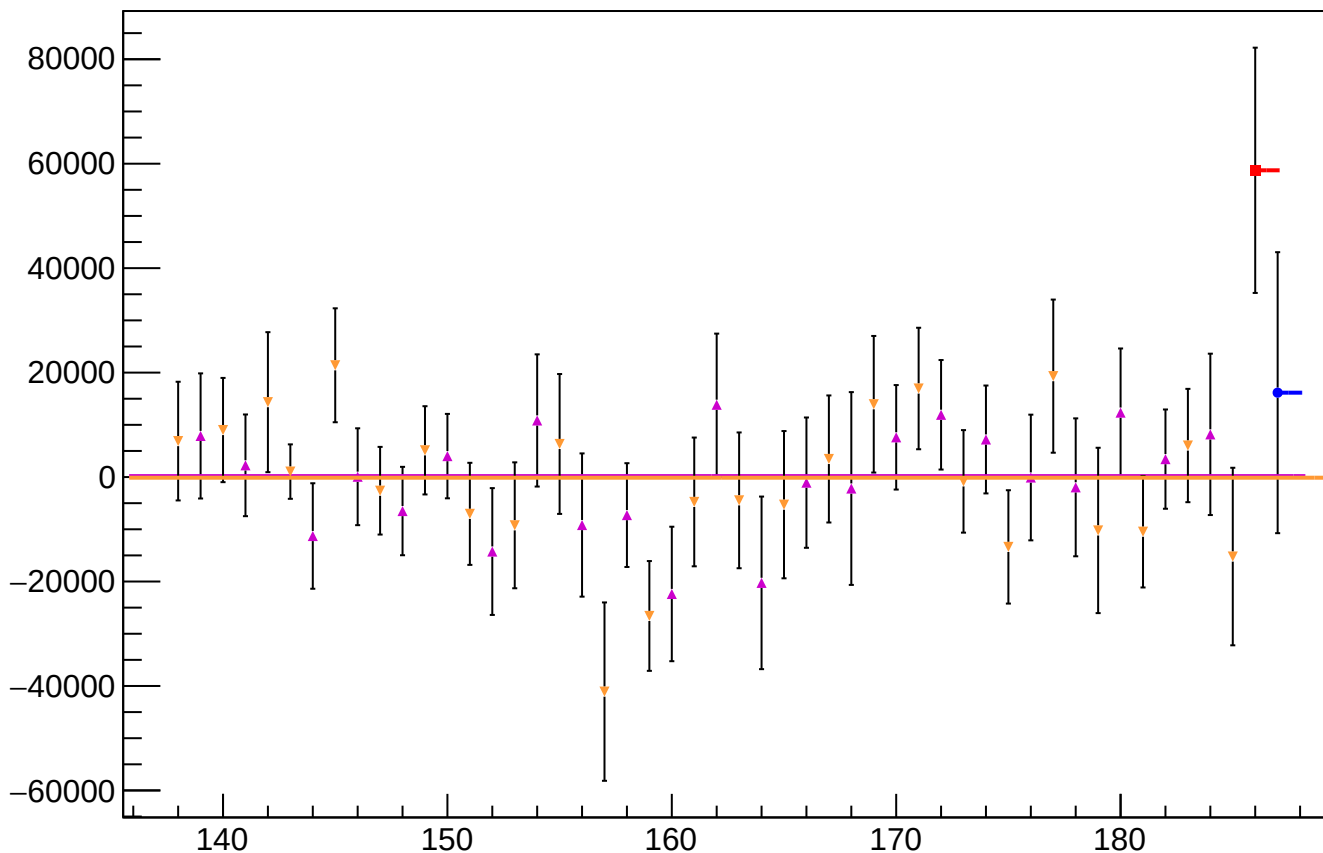
Left In: 2271.946 ± 0.386 $\chi^2/\text{NDF}: 243546.3/22$

+ sign 2166.777 ± 0.312 $\chi^2/\text{NDF}: 1549901.8/42$

All: 2149.994 ± 0.219 $\chi^2/\text{NDF}: 2907324.6/85$

- sign 2133.653 ± 0.308 $\chi^2/\text{NDF}: 1351700.4/42$

asym_at2_avg_correction_mean vs Slug



Right In: 16157.209 $\pm$ 26900.846 χ^2 /NDF: 0.0/0

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

Right Out: 58734.843 $\pm$ 23480.905 χ^2 /NDF: 0.0/0

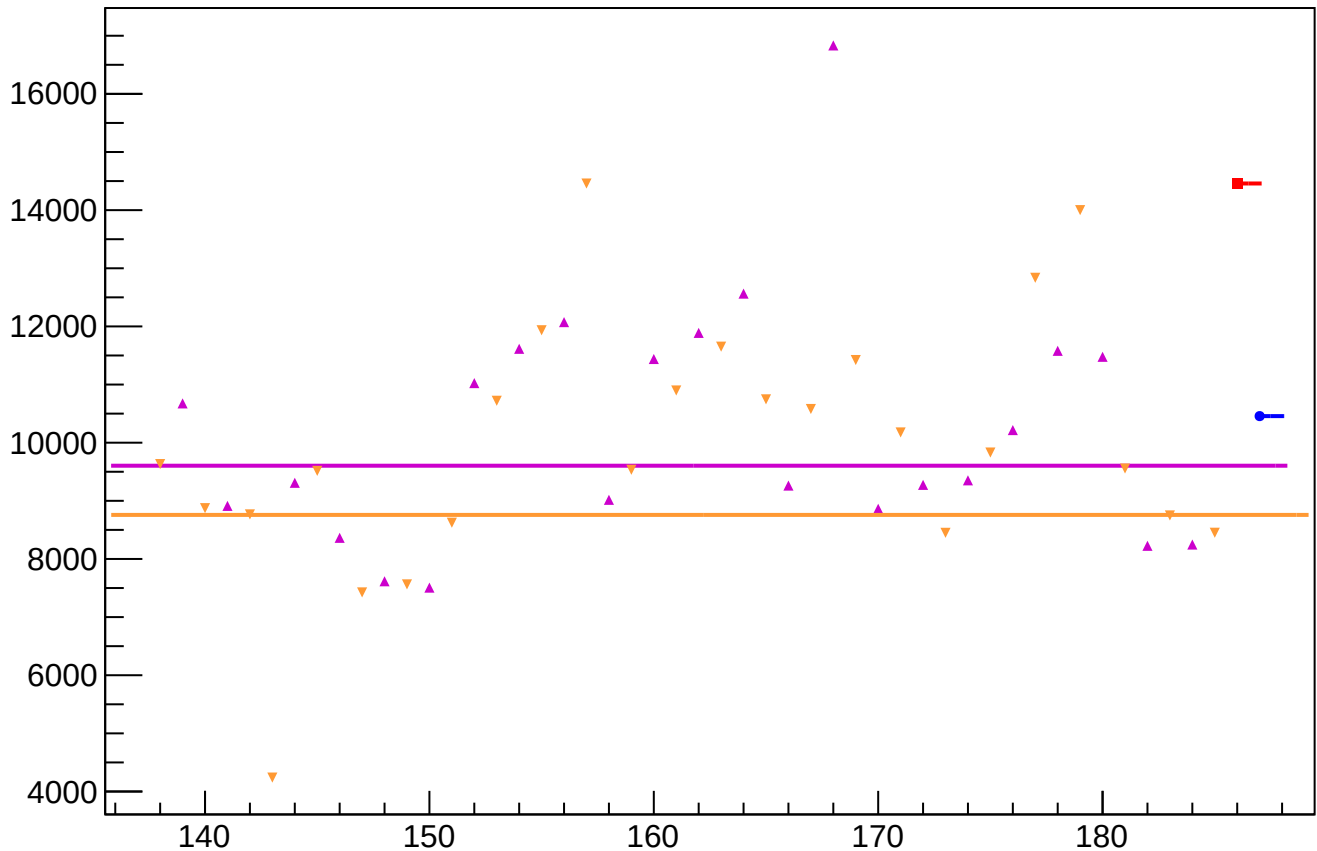
Left In: 185.013 $\pm$ 2330.398 χ^2 /NDF:15.0/22

+ sign -21.793 $\pm$ 2135.218 χ^2 /NDF: 30.1/25

All: 335.109 $\pm$ 1570.788 χ^2 /NDF: 51.3/49

- sign 756.096 $\pm$ 2319.005 χ^2 /NDF: 21.2/23

asym_at2_avg_correction_rms vs Slug



Right In: 10457.212 $\pm$ 19.022 χ^2 /NDF: 0.0/0

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

Right Out: 14458.565 $\pm$ 16.604 χ^2 /NDF: 0.0/0

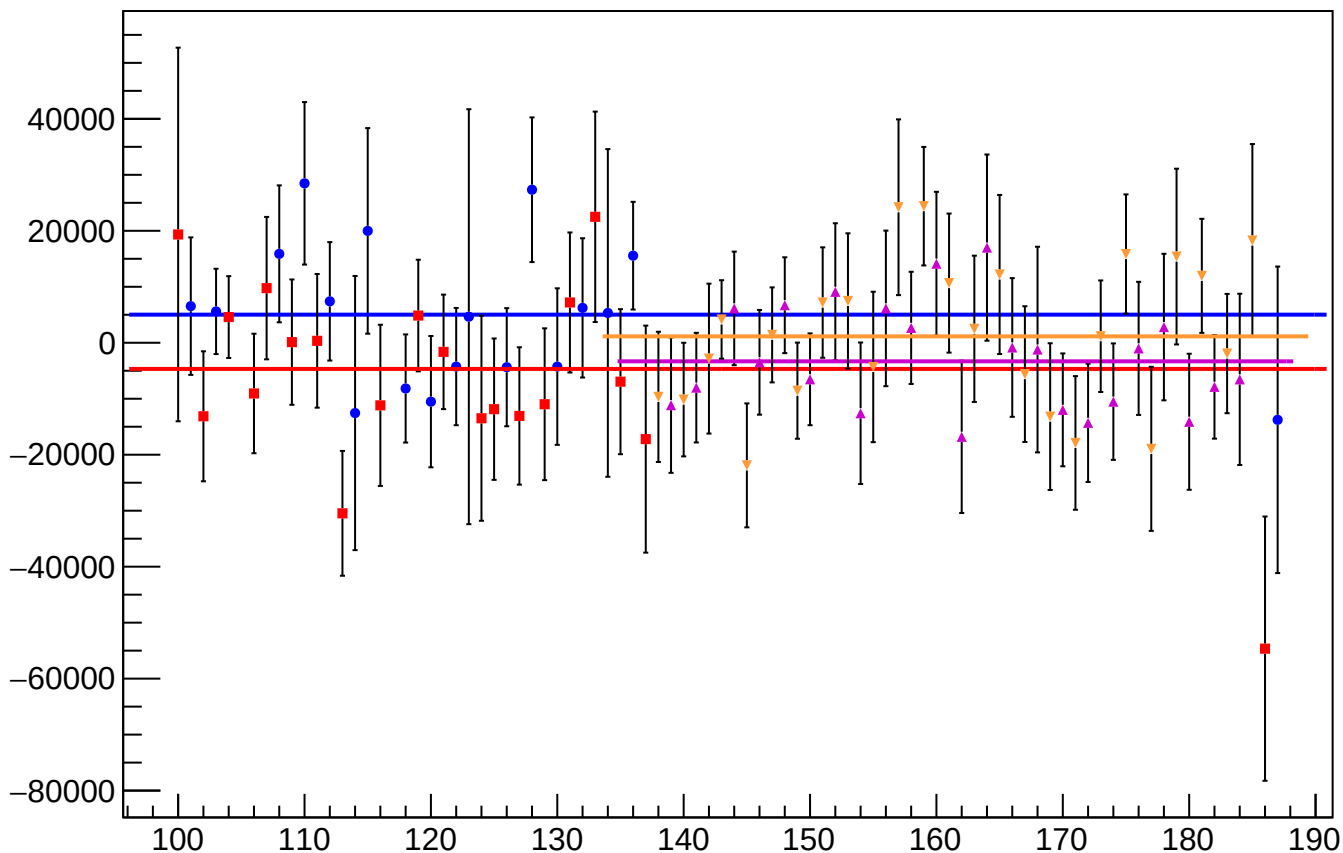
Left In: 9604.027 $\pm$ 1.648 χ^2 /NDF:1095805.7/22

+ sign 8768.525 $\pm$ 1.510 χ^2 /NDF: 2787036.2/25

All: 9173.586 $\pm$ 1.111 χ^2 /NDF: 4124369.2/49

- sign 9651.377 $\pm$ 1.640 χ^2 /NDF: 1180458.1/23

asym_at2_avg_mean vs Slug



Right In: 5020.947 $\pm$ 2929.250 χ^2 /NDF: 15.0/17

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

Right Out: -4674.315 $\pm$ 2771.128 χ^2 /NDF: 20.2/19

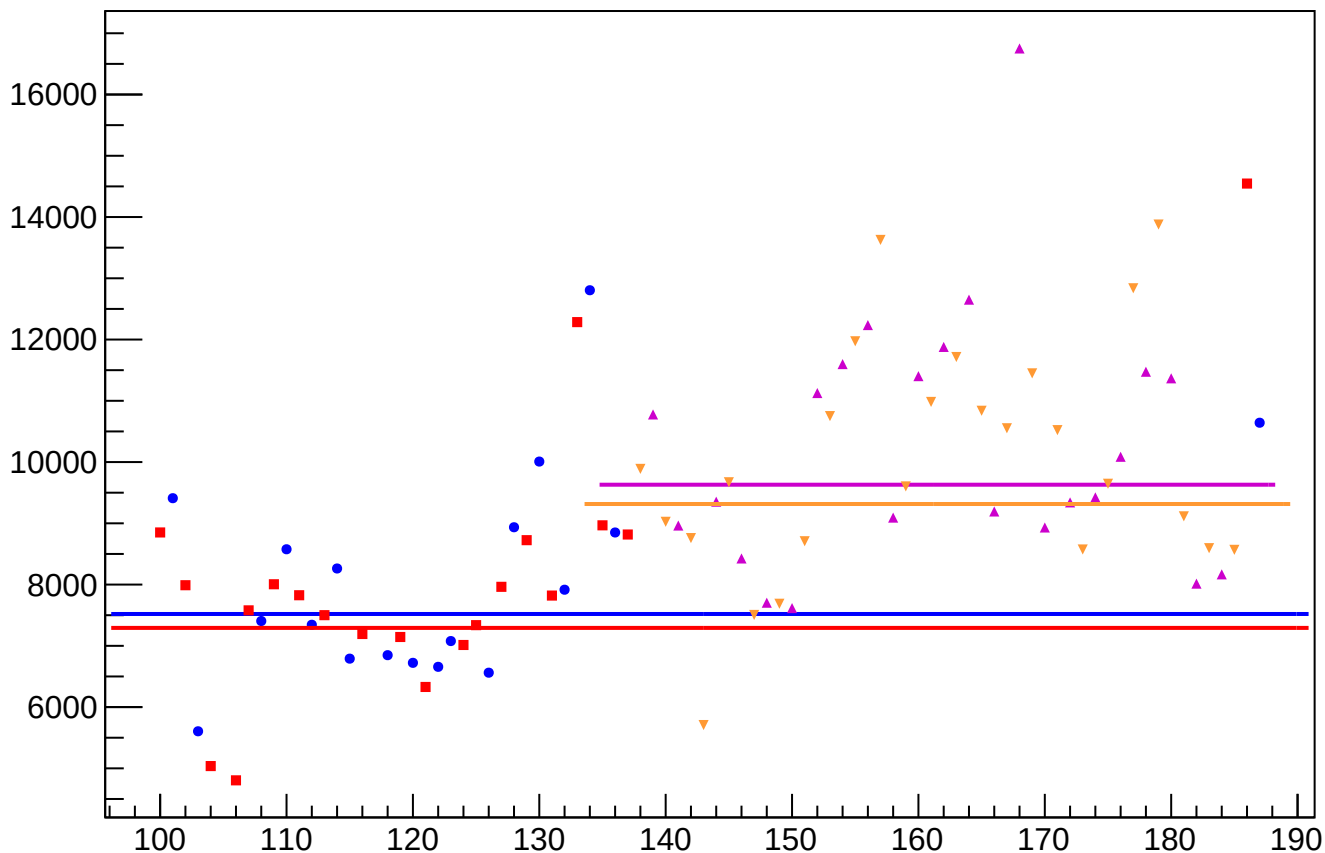
Left In: -3316.960 $\pm$ 2336.196 χ^2 /NDF:13.4/22

+ sign 2569.136 $\pm$ 1775.520 χ^2 /NDF: 43.9/42

All: -636.617 $\pm$ 1259.224 χ^2 /NDF: 84.2/85

- sign -3880.879 $\pm$ 1786.152 χ^2 /NDF: 33.7/42

asym_at2_avg_rms vs Slug



Right In: 7519.943+/-2.071 χ^2/NDF : 458121.6/17

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

Right Out: 7292.781+/-1.959 χ^2/NDF : 750230.7/19

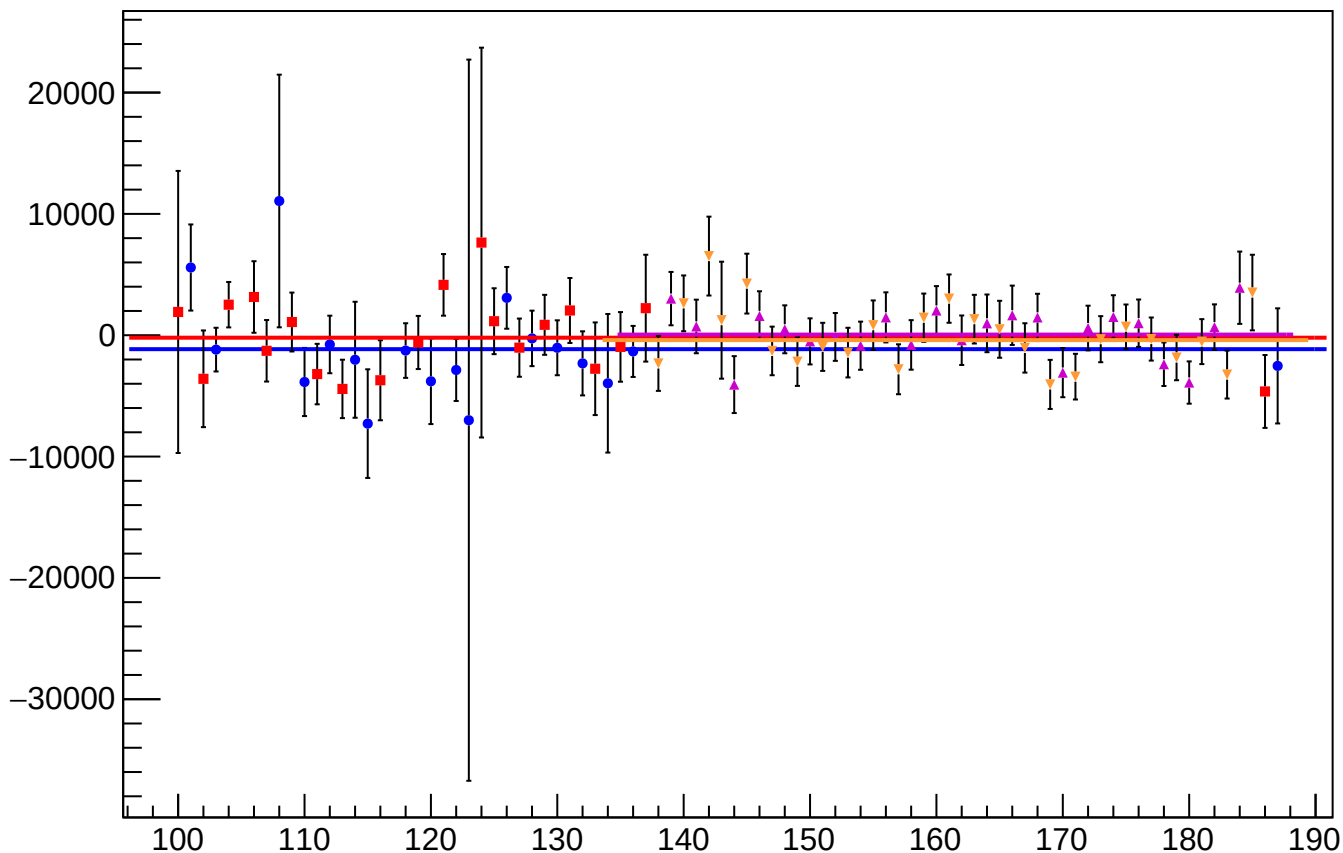
Left In: 9630.345+/-1.652 χ^2/NDF : 1074643.5/22

+ sign 8655.728+/-1.255 χ^2/NDF : 2436978.9/42

All: 8657.379+/-0.890 χ^2/NDF : 5093862.2/85

- sign 8659.049+/-1.263 χ^2/NDF : 2656879.8/42

dit_asym_at2_dd_mean vs Slug



Right In: -1148.755 $\pm$ 672.308 χ^2 /NDF: 12.3/17

Left Out: -403.389 $\pm$ 419.243 χ^2 /NDF: 28.9/24

Right Out: -203.572 $\pm$ 625.642 χ^2 /NDF: 17.8/19

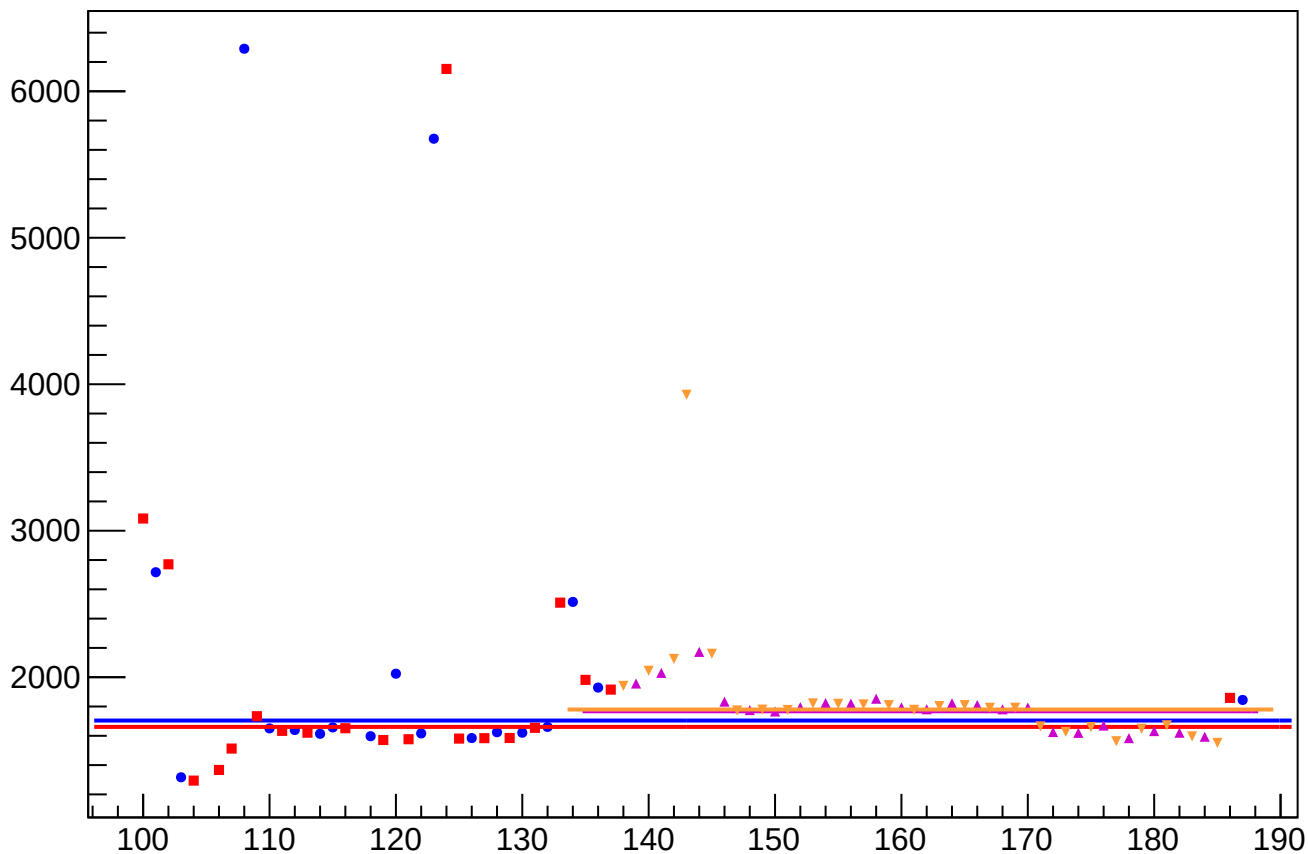
Left In: 53.539 $\pm$ 422.570 χ^2 /NDF: 20.9/22

+ sign -612.081 $\pm$ 355.743 χ^2 /NDF: 42.2/42

All: -314.933 $\pm$ 249.558 χ^2 /NDF: 82.3/85

- sign -27.008 $\pm$ 350.178 χ^2 /NDF: 38.7/42

dit_asym_at2_dd_rms vs Slug



Right In: 1704.164 $\pm$ 0.475 χ^2 /NDF: 780511.0/17

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

Right Out: 1660.724 $\pm$ 0.442 χ^2 /NDF: 597942.8/19

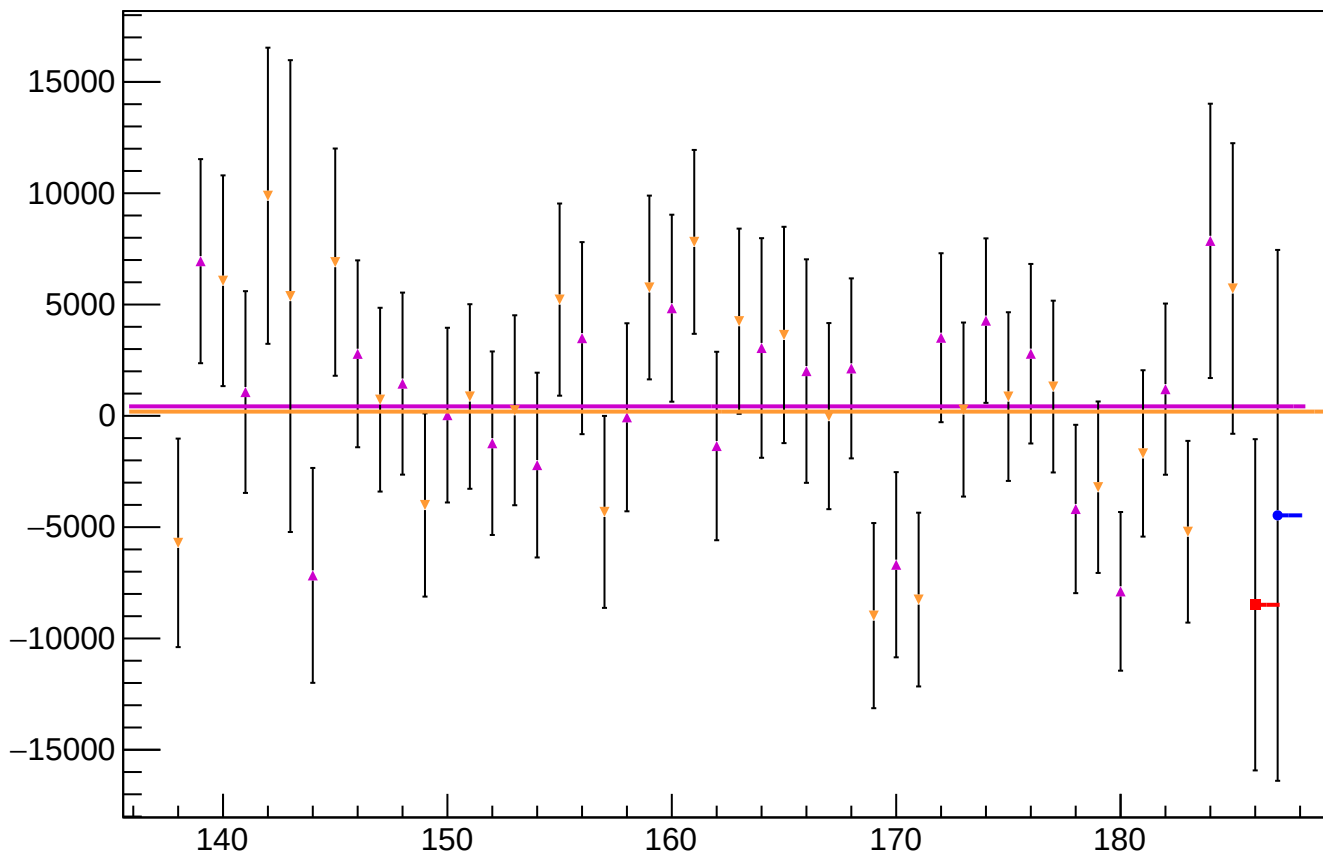
Left In: 1767.314 $\pm$ 0.299 χ^2 /NDF: 196583.8/22

+ sign 1758.359 $\pm$ 0.252 χ^2 /NDF: 1409486.3/42

All: 1745.948 $\pm$ 0.176 χ^2 /NDF: 2248671.6/85

- sign 1733.922 $\pm$ 0.248 χ^2 /NDF: 834391.9/42

asym_at2_dd_correction_mean vs Slug



Right In: -4470.319 ± 11923.582 χ^2/NDF : 0.0/0

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

Right Out: -8487.872 ± 7439.911 χ^2/NDF : 0.0/0

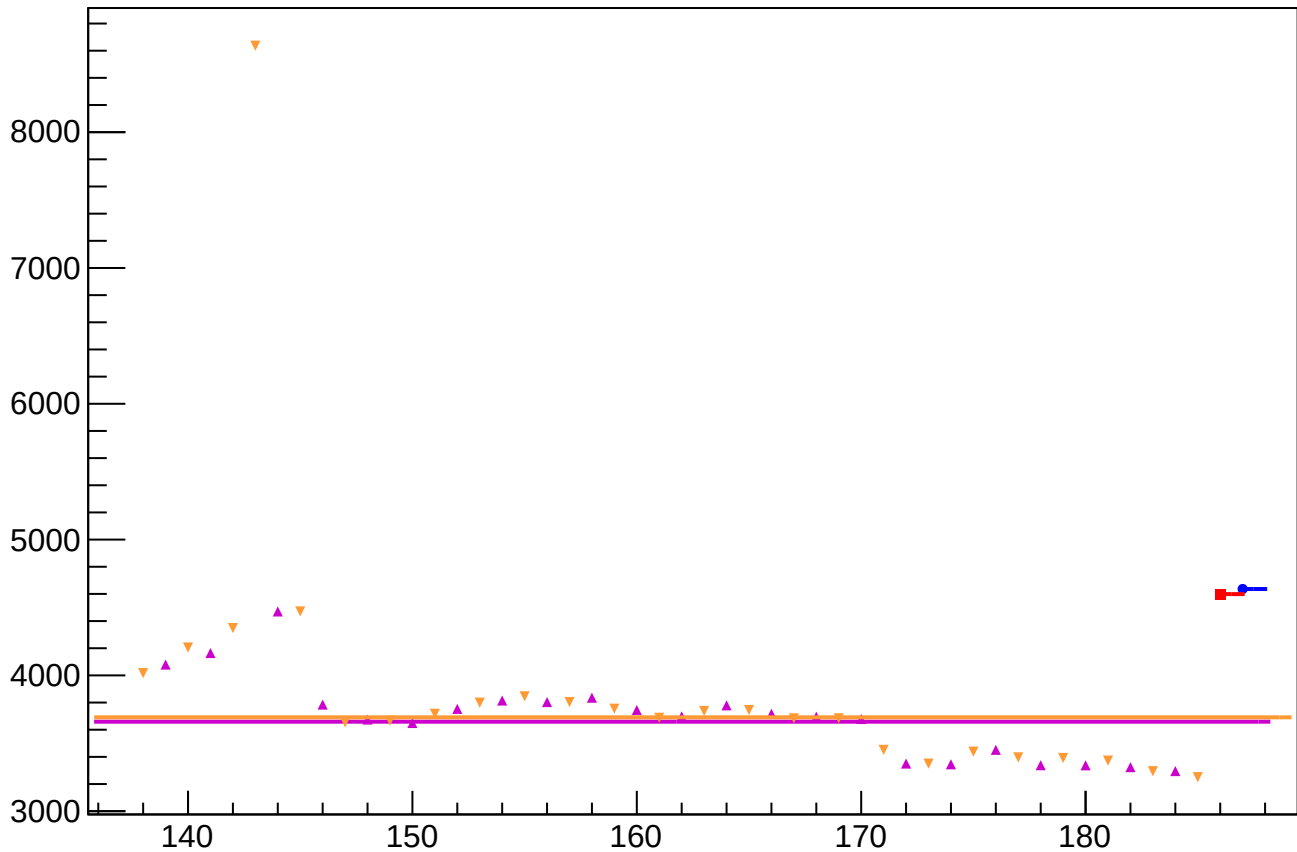
Left In: 426.004 ± 874.870 χ^2/NDF : 21.3/22

+ sign 166.424 ± 867.606 χ^2/NDF : 30.8/25

All: 235.324 ± 613.941 χ^2/NDF : 53.4/49

- sign 304.427 ± 868.884 χ^2/NDF : 22.7/23

asym_at2_dd_correction_rms vs Slug



Right In: 4636.091 $\pm$ 8.431 χ^2 /NDF: 0.0/0

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

Right Out: 4598.665 $\pm$ 5.261 χ^2 /NDF: 0.0/0

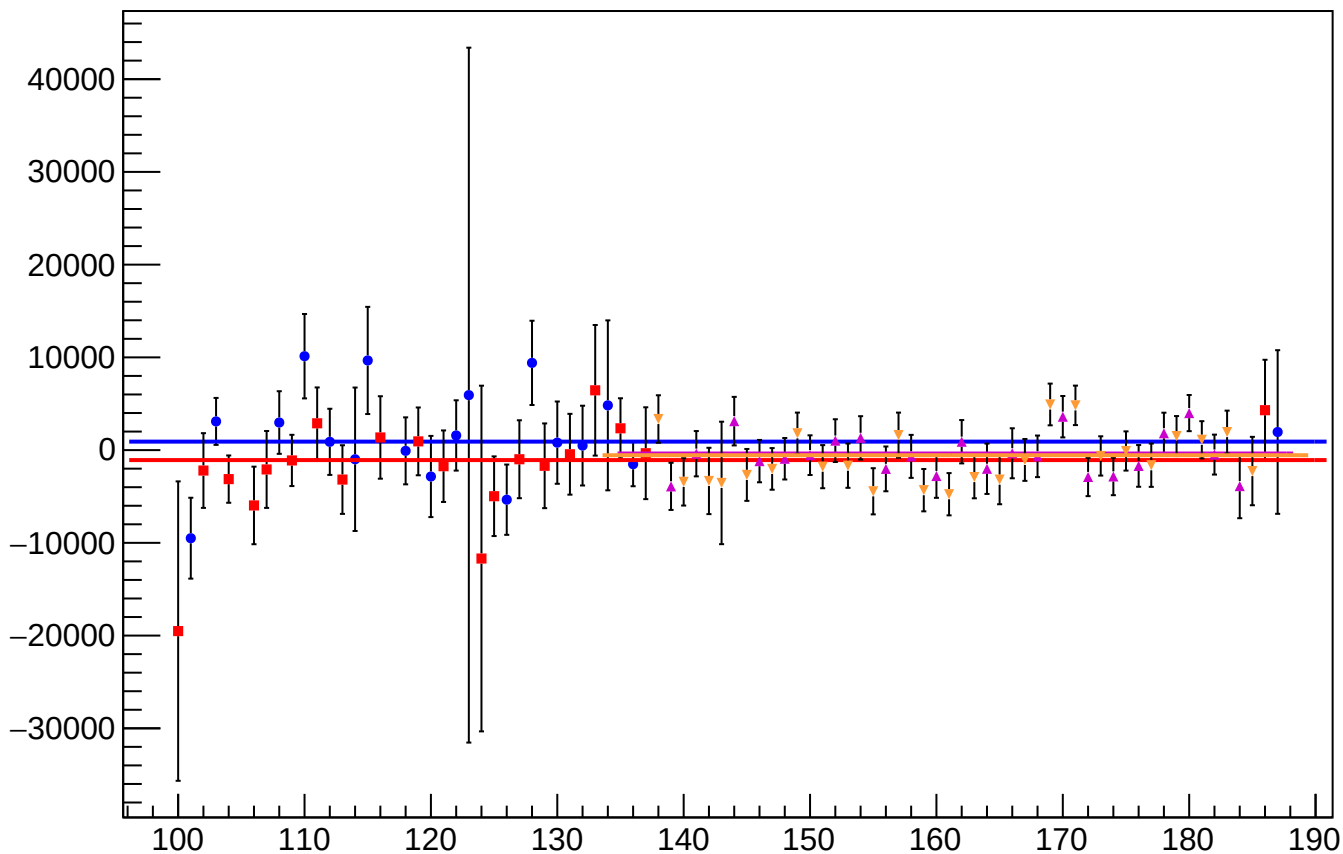
Left In: 3659.086 $\pm$ 0.619 χ^2 /NDF: 198077.1/22

+ sign 3696.177 $\pm$ 0.613 χ^2 /NDF: 651965.6/25

All: 3684.057 $\pm$ 0.434 χ^2 /NDF: 882287.2/49

- sign 3671.901 $\pm$ 0.614 χ^2 /NDF: 229539.8/23

asym_at2_dd_mean vs Slug



Right In: 915.593 ± 956.250 χ^2/NDF : 21.6/17

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

Right Out: -1075.279 ± 911.924 χ^2/NDF : 9.9/19

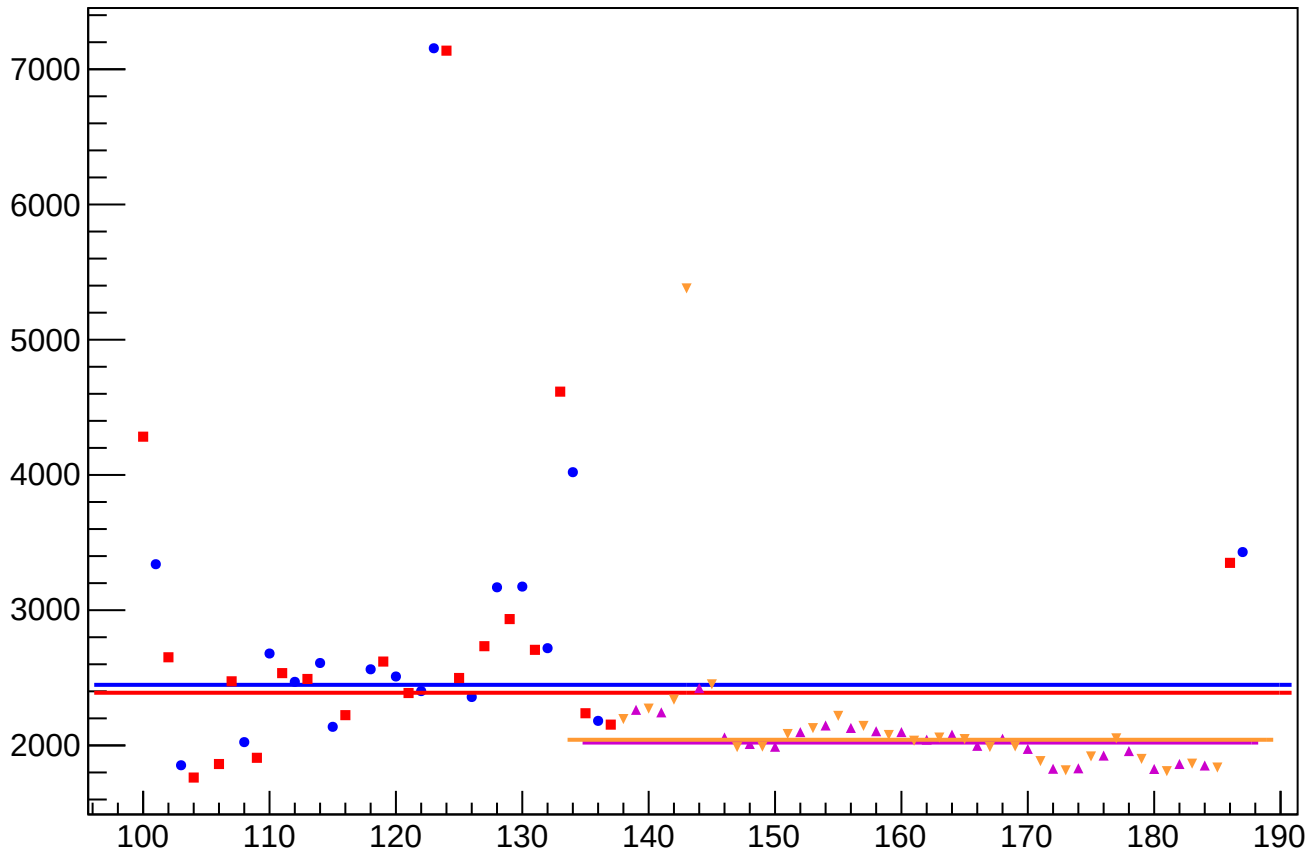
Left In: -366.243 ± 483.092 χ^2/NDF : 20.5/22

+ sign -254.567 ± 430.150 χ^2/NDF : 57.5/42

All: -389.109 ± 303.003 χ^2/NDF : 88.6/85

- sign -521.620 ± 426.891 χ^2/NDF : 30.9/42

asym_at2_dd_rms vs Slug



Right In: 2447.928+/-0.676 χ^2/NDF : 493619.1/17

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

+ sign 2123.964+/-0.304 χ^2/NDF : 1488259.1/42

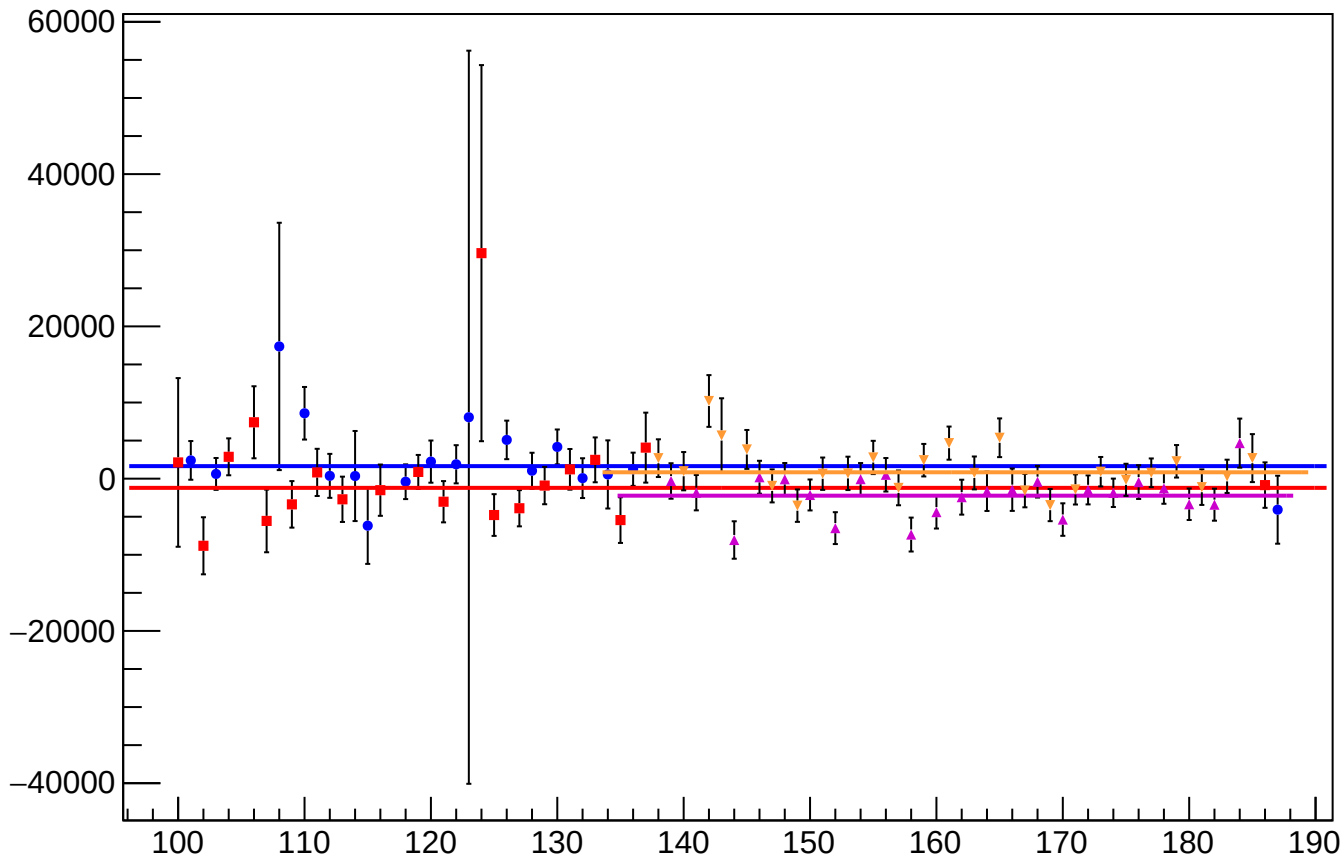
Right Out: 2389.365+/-0.645 χ^2/NDF : 720082.8/19

All: 2112.785+/-0.214 χ^2/NDF : 2644486.6/85

- sign 2101.774+/-0.302 χ^2/NDF : 1153546.0/42

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

dit_asym_atl_avg_mean vs Slug



Right In: 1645.118 $\pm$ 686.158 χ^2 /NDF: 14.1/17

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

Right Out: -1208.865 $\pm$ 689.021 χ^2 /NDF: 24.2/19

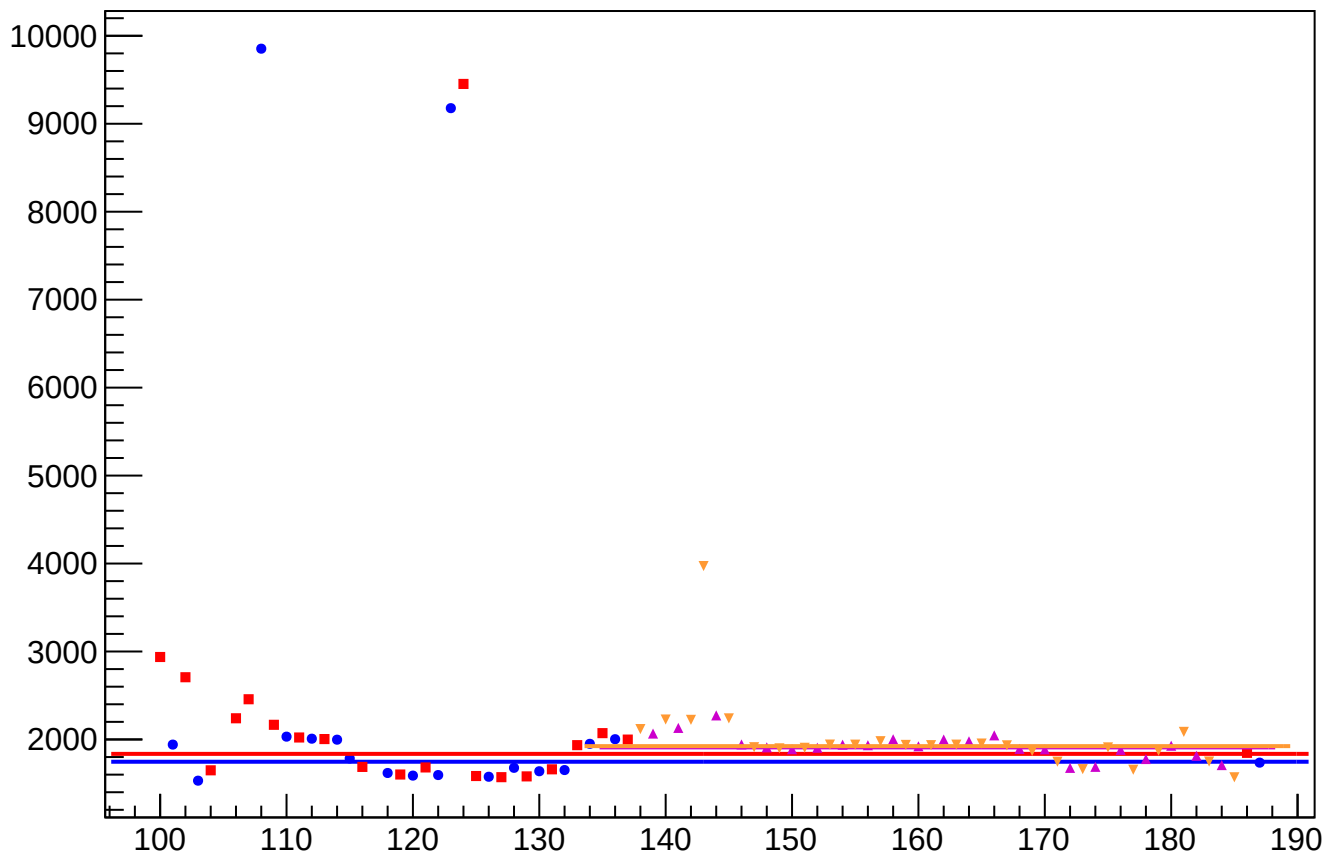
Left In: -2235.652 $\pm$ 457.720 χ^2 /NDF:31.0/22

+ sign 1083.736 $\pm$ 378.915 χ^2 /NDF: 47.4/42

All: -409.494 $\pm$ 268.759 χ^2 /NDF: 135.4/85

- sign -1921.268 $\pm$ 381.261 χ^2 /NDF: 56.7/42

dit_asym_atl_avg_rms vs Slug



Right In: 1746.591+/-0.485 χ^2/NDF : 682495.2/17

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

Right Out: 1836.067+/-0.487 χ^2/NDF : 550435.0/19

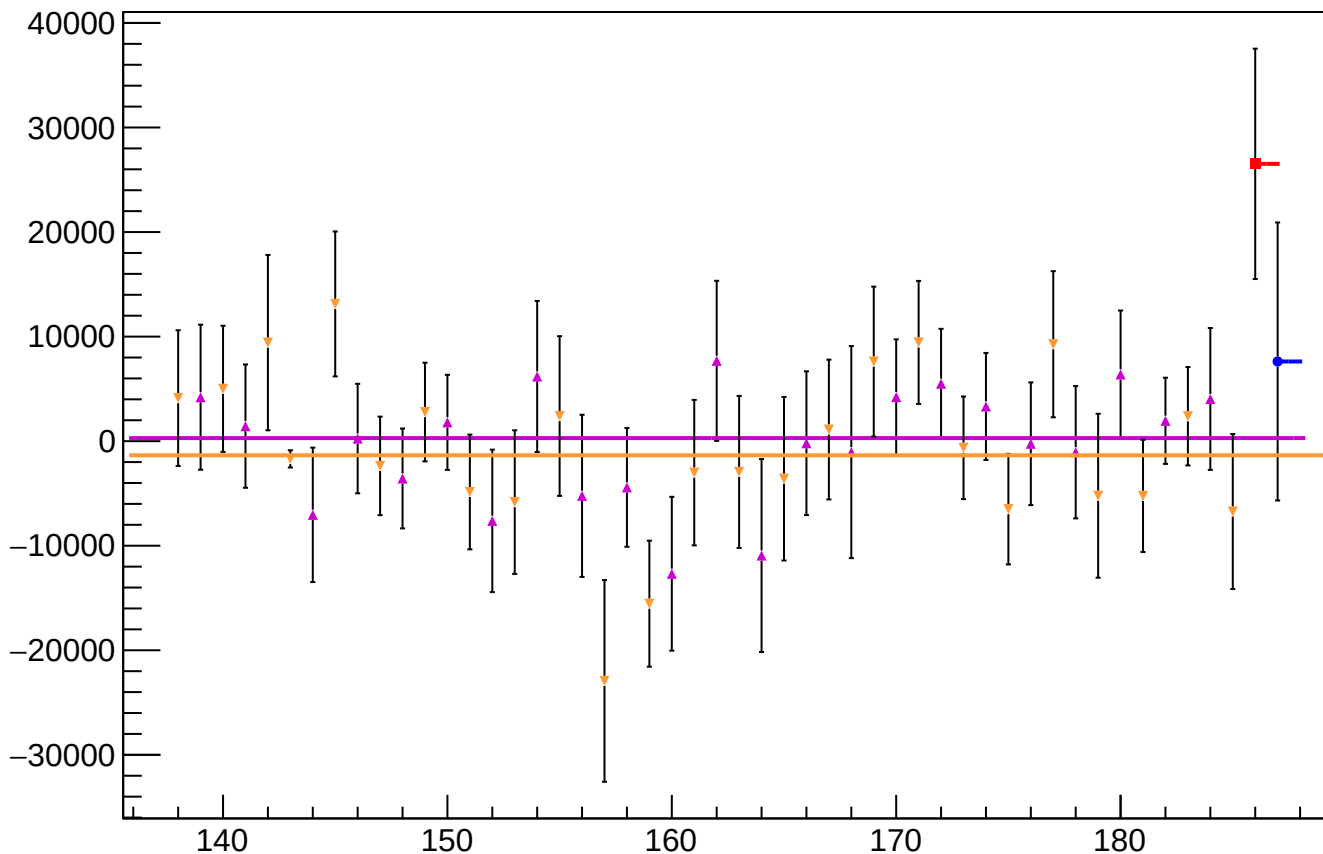
Left In: 1909.656+/-0.324 χ^2/NDF : 164475.5/22

+ sign 1869.951+/-0.268 χ^2/NDF : 1359443.5/42

All: 1878.470+/-0.190 χ^2/NDF : 2092241.3/85

- sign 1887.089+/-0.269 χ^2/NDF : 730764.1/42

asym_atl_avg_correction_mean vs Slug



Right In: 7620.989 $\pm$ 13294.387 χ^2 /NDF: 0.0/0

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

Right Out: 26523.018 $\pm$ 11016.629 χ^2 /NDF: 0.0/0

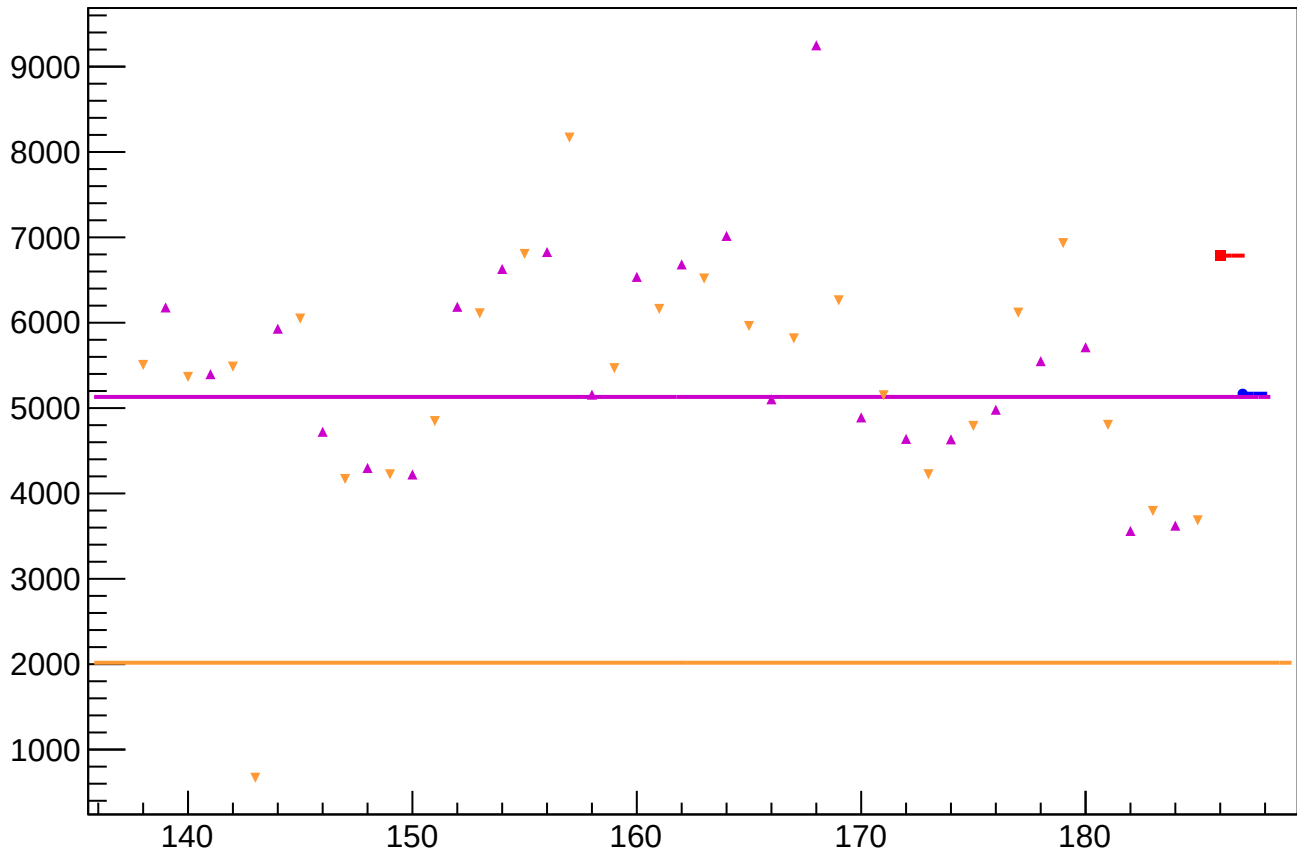
Left In: 294.047 $\pm$ 1252.274 χ^2 /NDF:14.5/22

+ sign -1325.438 $\pm$ 689.728 χ^2 /NDF: 31.4/25

All: -866.129 $\pm$ 603.245 χ^2 /NDF: 53.4/49

- sign 628.632 $\pm$ 1244.261 χ^2 /NDF: 20.1/23

asym_atl_avg_correction_rms vs Slug



Right In: 5168.244+/-9.401 χ^2/NDF : 0.0/0

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

Right Out: 6785.976+/-7.790 χ^2/NDF : 0.0/0

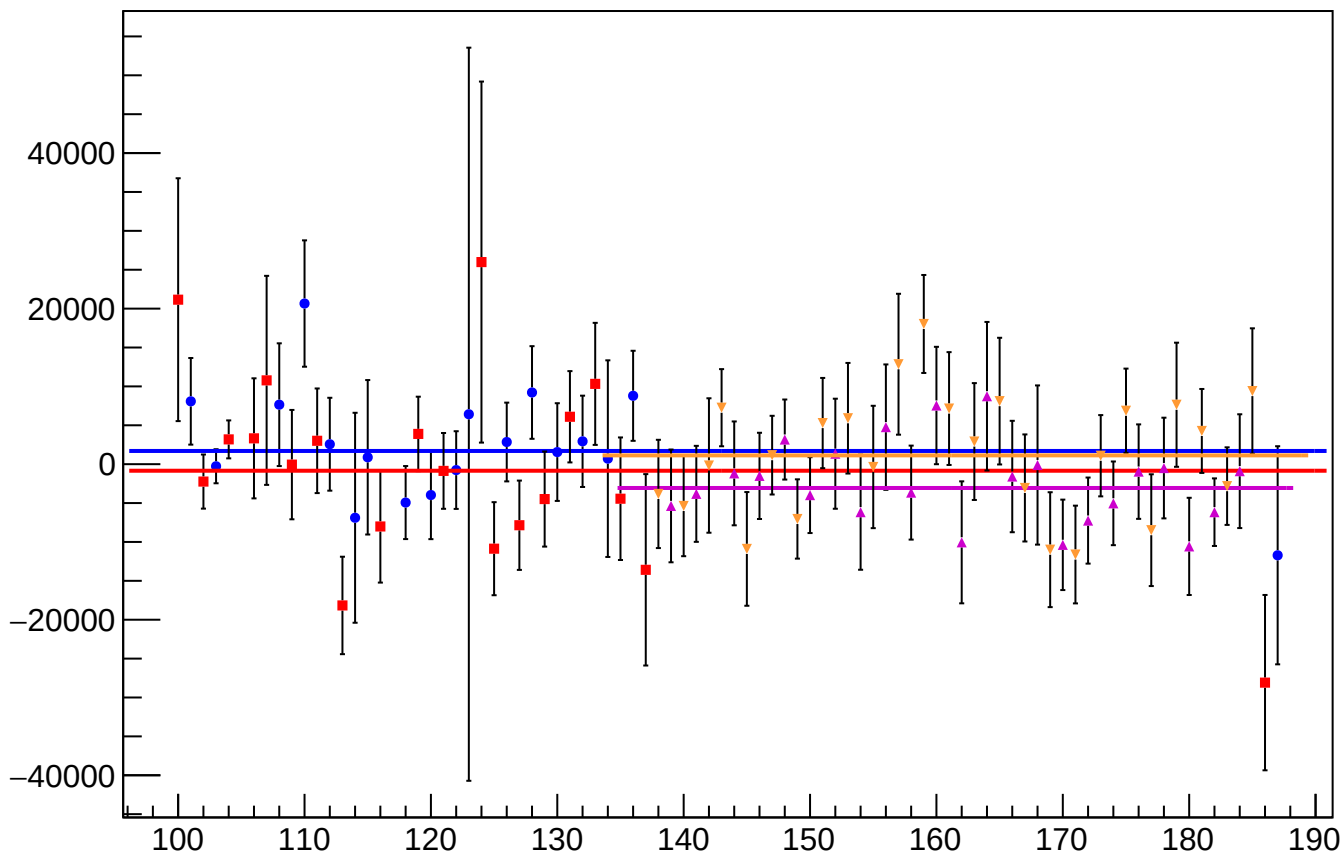
Left In: 5130.756+/-0.885 χ^2/NDF : 1489813.1/22

+ sign 2025.726+/-0.488 χ^2/NDF : 19271795.2/25

All: 2760.534+/-0.427 χ^2/NDF : 30463509.0/4

- sign 5151.871+/-0.880 χ^2/NDF : 1534385.7/23

asym_atl_avg_mean vs Slug



Right In: 1698.744 $\pm$ 1295.744 χ^2 /NDF: 15.9/17

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

Right Out: -842.975 $\pm$ 1277.785 χ^2 /NDF: 32.4/19

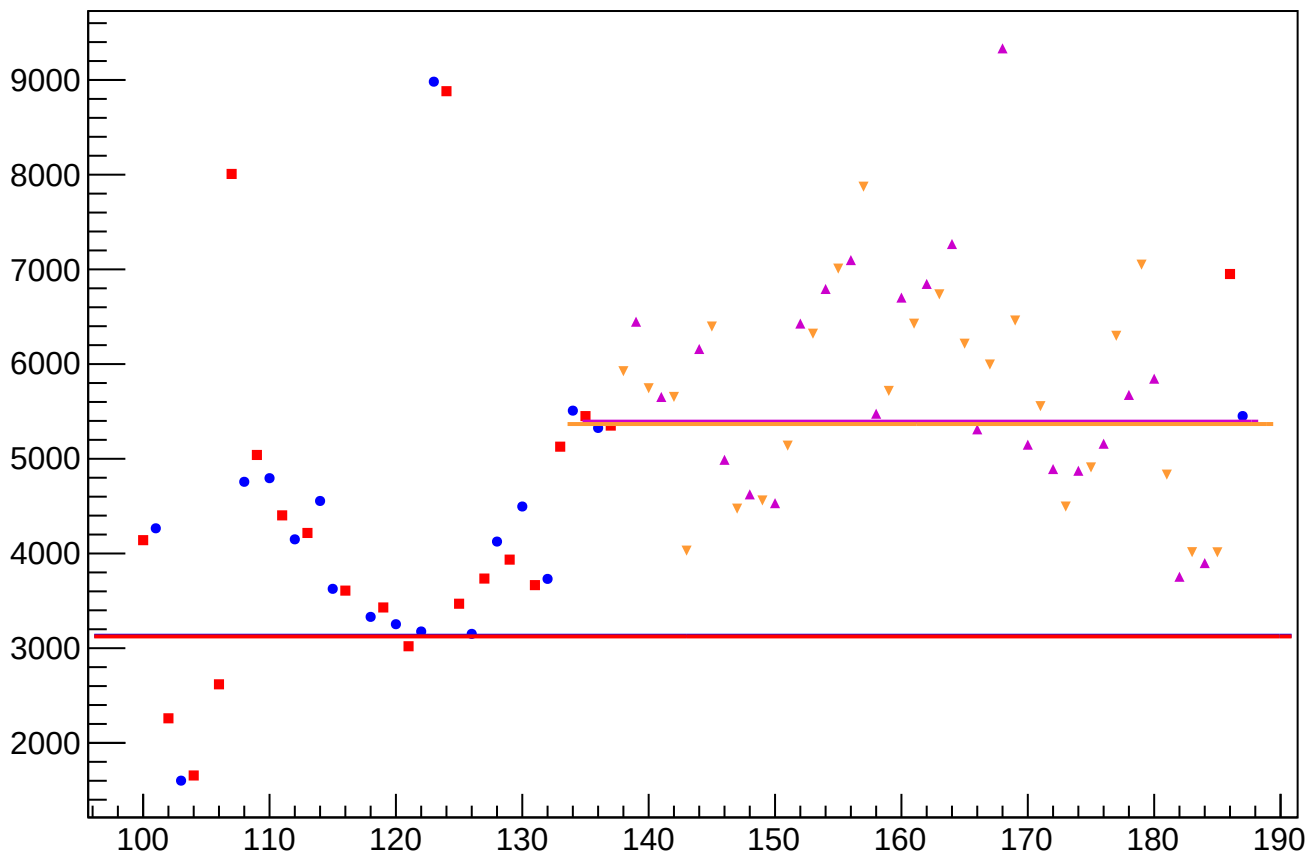
Left In: -3061.439 $\pm$ 1313.197 χ^2 /NDF:12.3/22

+ sign 1412.208 $\pm$ 910.688 χ^2 /NDF: 48.5/42

All: -245.522 $\pm$ 645.751 χ^2 /NDF: 101.3/85

- sign -1921.892 $\pm$ 915.794 χ^2 /NDF: 46.2/42

asym_atl_avg_rms vs Slug



Right In: 3131.539 $\pm$ 0.916 χ^2 /NDF: 1934203.1/17

Left Out: 5366.944 $\pm$ 0.905 χ^2 /NDF:1213541.3/24

Right Out: 3124.177 $\pm$ 0.891 χ^2 /NDF: 2242960.6/19

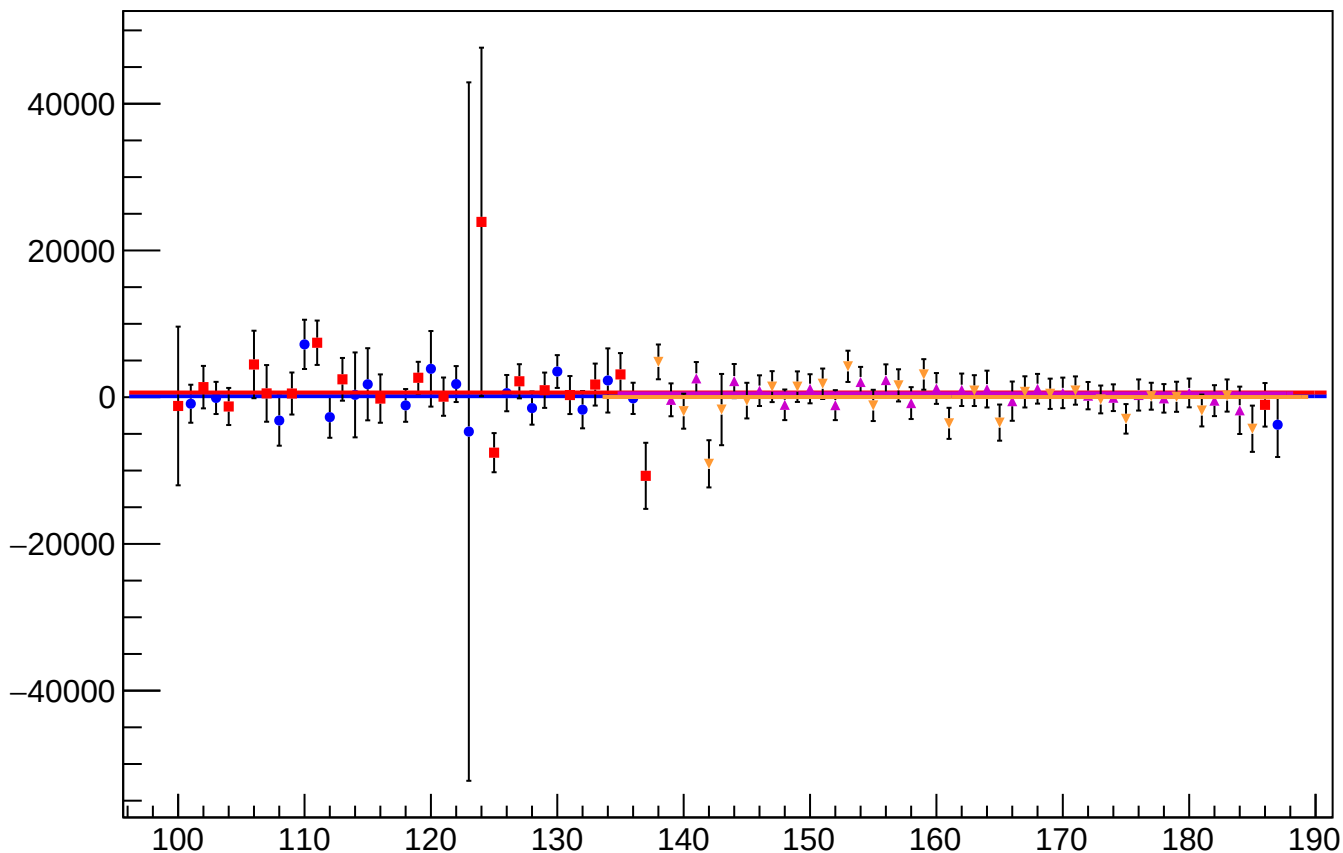
Left In: 5391.987 $\pm$ 0.929 χ^2 /NDF:1320415.5/22

+ sign 4262.715 $\pm$ 0.644 χ^2 /NDF: 6159933.3/42

All: 4236.704 $\pm$ 0.455 χ^2 /NDF: 12833266.4/8

- sign 4210.790 $\pm$ 0.643 χ^2 /NDF: 6670076.0/42

dit_asym_atl_dd_mean vs Slug



Right In: 137.427 $\pm$ 678.565 χ^2 /NDF: 12.3/17

Left Out: 23.375 $\pm$ 440.724 χ^2 /NDF:31.7/24

Right Out: 637.176 $\pm$ 666.706 χ^2 /NDF: 26.1/19

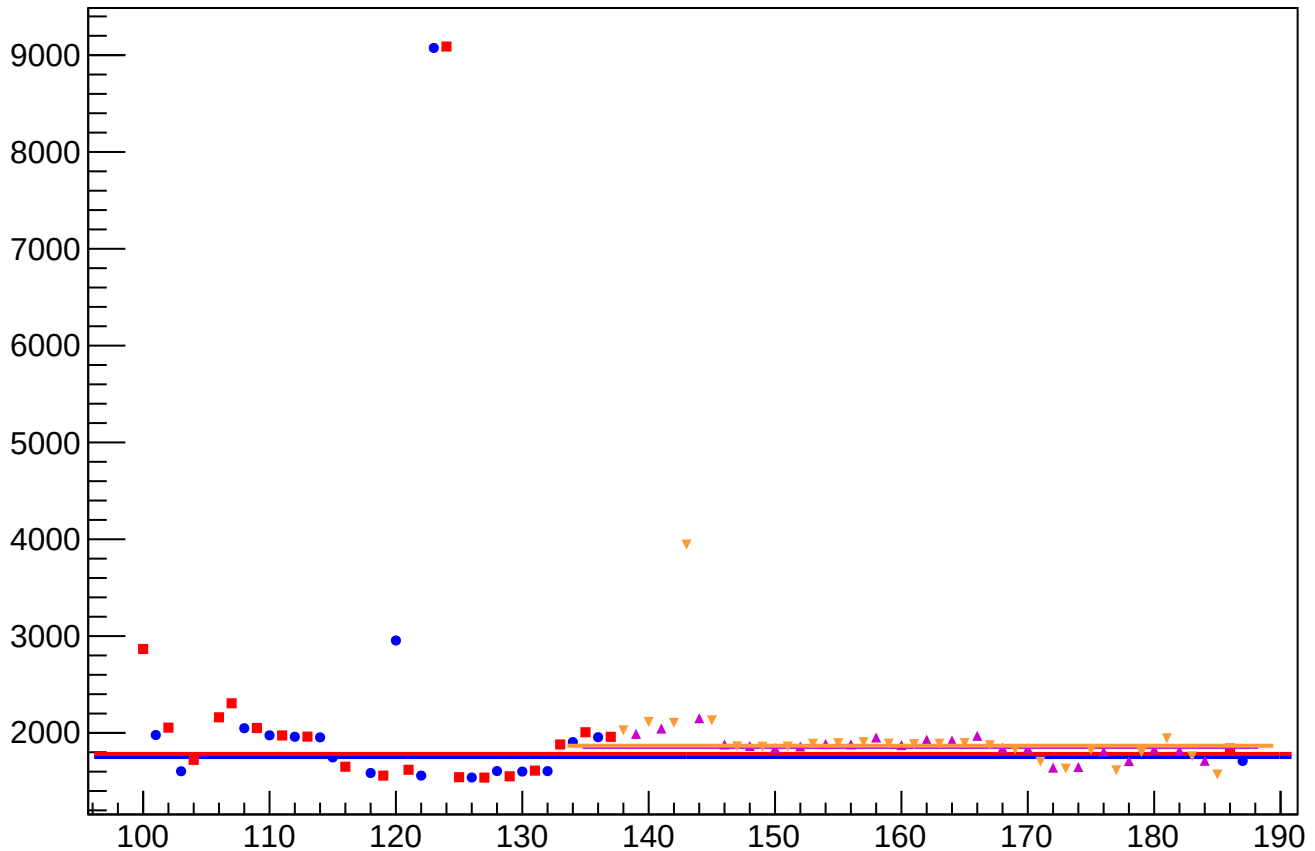
Left In: 514.693 $\pm$ 444.402 χ^2 /NDF:5.9/22

+ sign 57.213 $\pm$ 369.608 χ^2 /NDF: 44.0/42

All: 304.675 $\pm$ 261.414 χ^2 /NDF: 77.0/85

- sign 552.372 $\pm$ 369.783 χ^2 /NDF: 32.1/42

dit_asym_atl_dd_rms vs Slug



Right In: 1750.864+/-0.480 χ^2/NDF : 301071.7/17

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

Right Out: 1783.114+/-0.471 χ^2/NDF : 429047.1/19

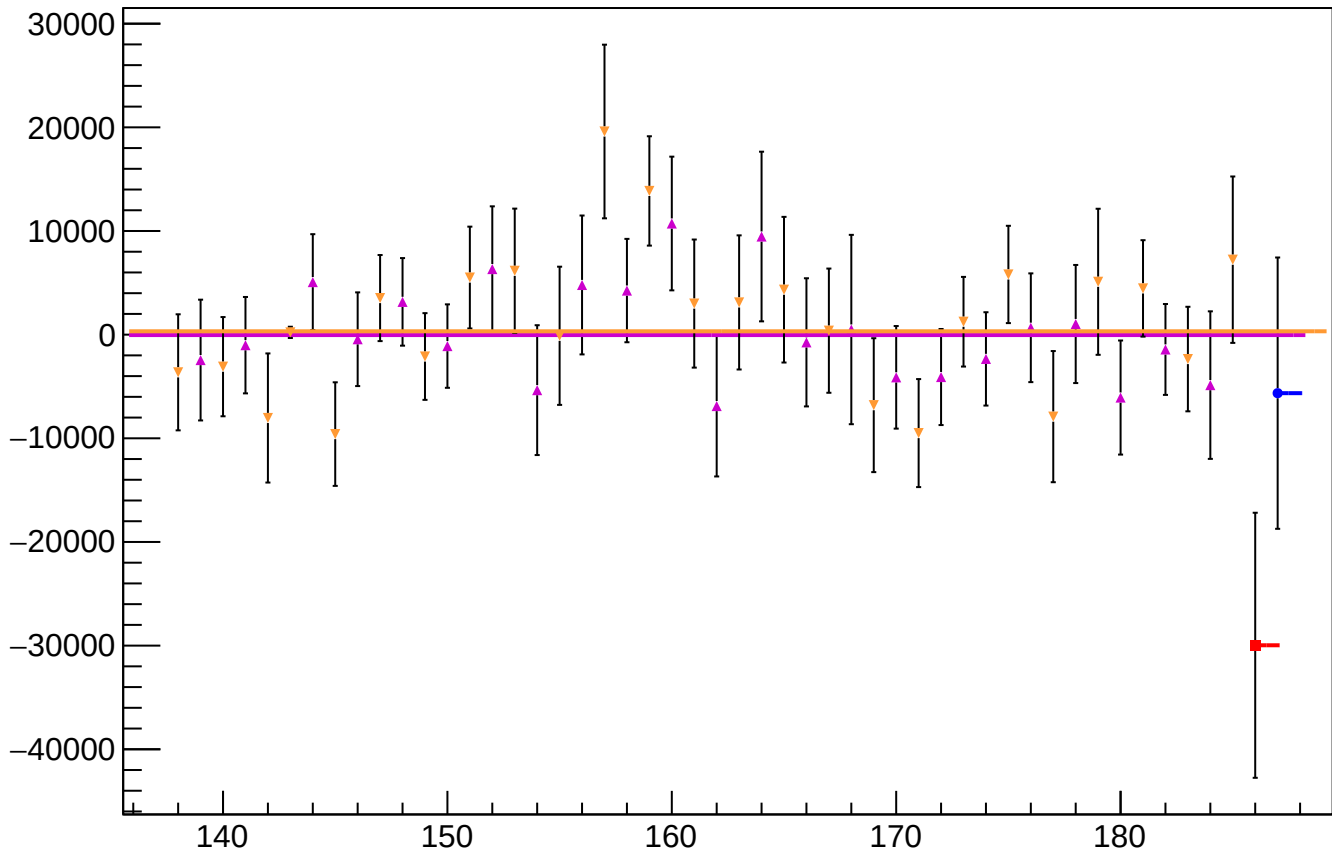
Left In: 1855.480+/-0.314 χ^2/NDF : 136219.4/22

+ sign 1832.923+/-0.261 χ^2/NDF : 888001.4/42

All: 1833.047+/-0.185 χ^2/NDF : 1469616.7/85

- sign 1833.171+/-0.261 χ^2/NDF : 581614.9/42

asym_atl_dd_correction_mean vs Slug



Right In: -5644.886 ± 13087.539 χ^2/NDF : 0.0/0

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

Right Out: -29966.855 ± 12785.043 χ^2/NDF : 0.0/0

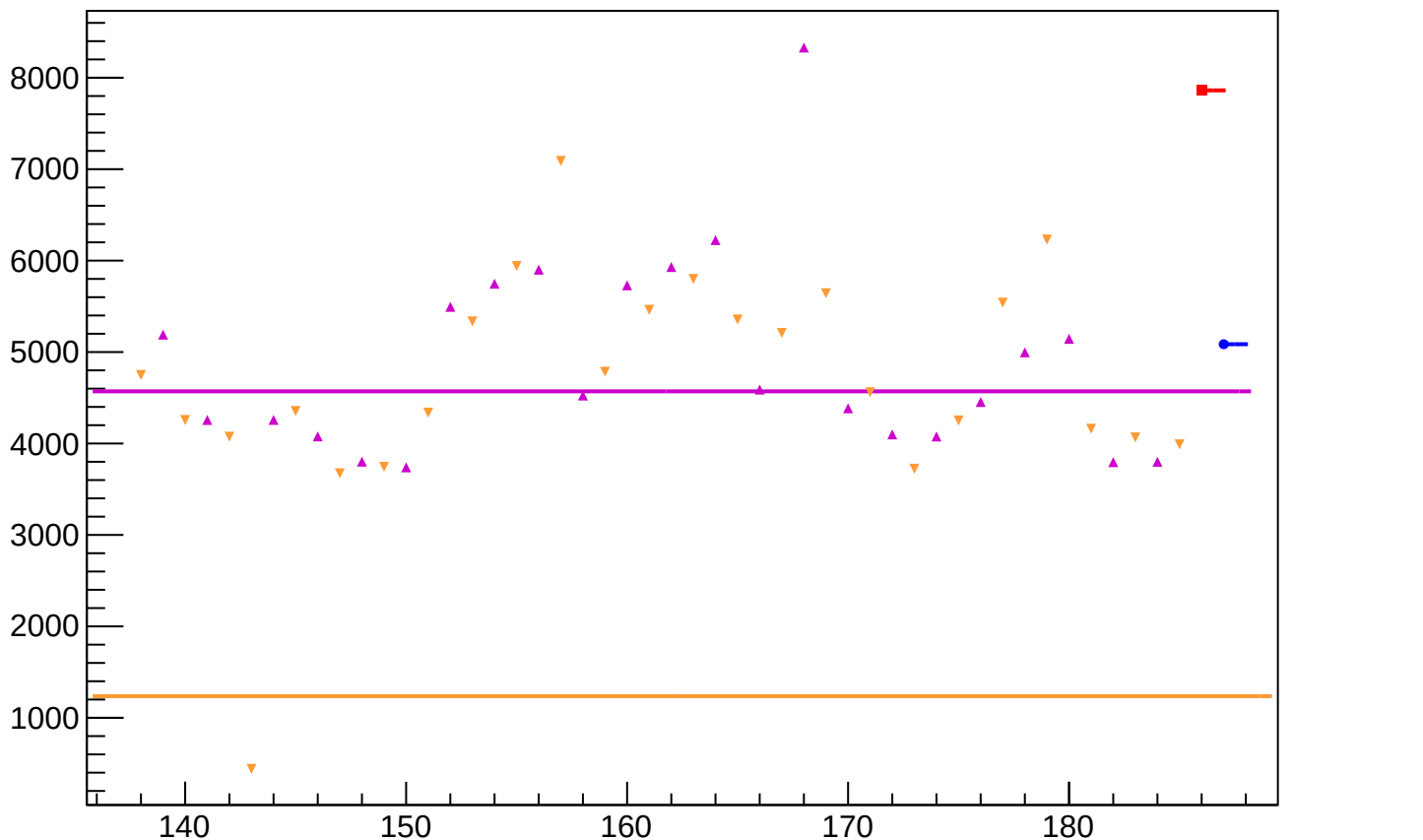
Left In: -40.142 ± 1109.747 χ^2/NDF : 13.9/22

+ sign 316.838 ± 487.900 χ^2/NDF : 32.7/25

All: 222.170 ± 446.367 χ^2/NDF : 52.3/49

- sign -263.933 ± 1105.590 χ^2/NDF : 19.3/23

asym_atl_dd_correction_rms vs Slug



Right In: 5085.656+/-9.254 χ^2/NDF : 0.0/0

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

Right Out: 7861.641+/-9.040 χ^2/NDF : 0.0/0

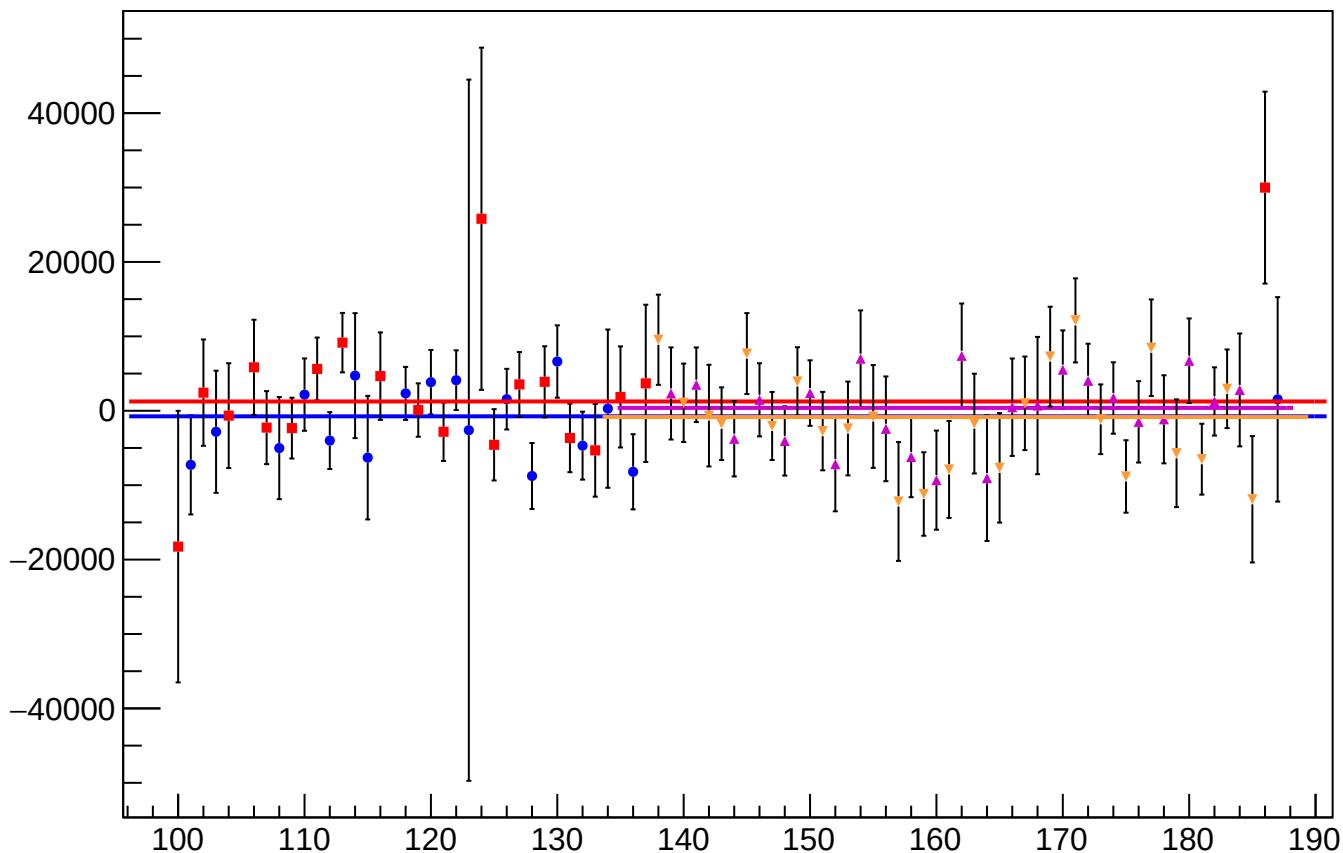
Left In: 4570.398+/-0.785 χ^2/NDF : 1145211.6/22

+ sign 1241.520+/-0.345 χ^2/NDF : 23568675.5/25

All: 1788.150+/-0.316 χ^2/NDF : 40246819.2/24

- sign 4595.010+/-0.782 χ^2/NDF : 1276760.0/23

asym_atl_dd_mean vs Slug



Right In: -746.319 ± 1242.589 χ^2/NDF : 15.6/17

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

Right Out: 1249.965 ± 1186.068 χ^2/NDF : 20.0/19

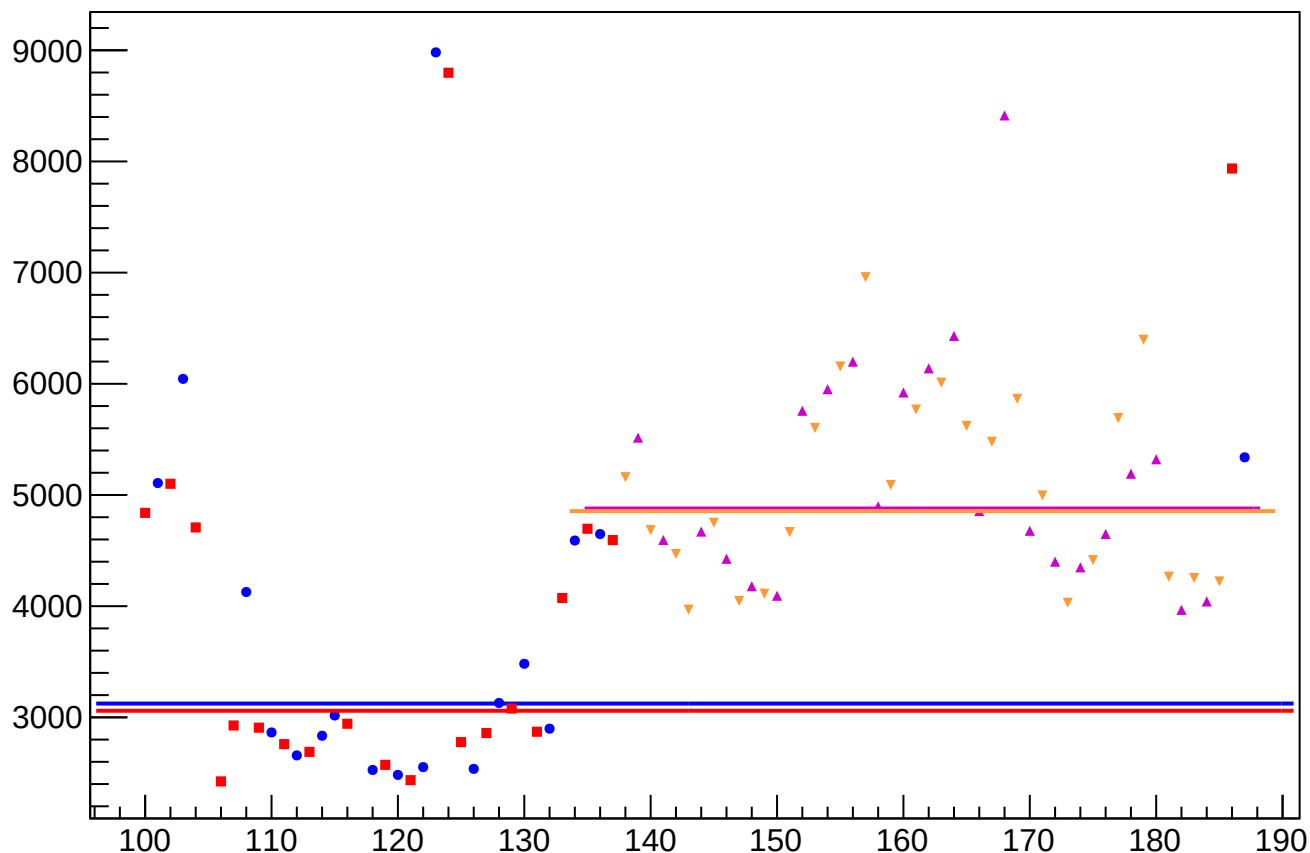
Left In: 385.098 ± 1181.458 χ^2/NDF : 13.9/22

+ sign -799.588 ± 845.066 χ^2/NDF : 45.6/42

All: 15.835 ± 594.695 χ^2/NDF : 81.6/85

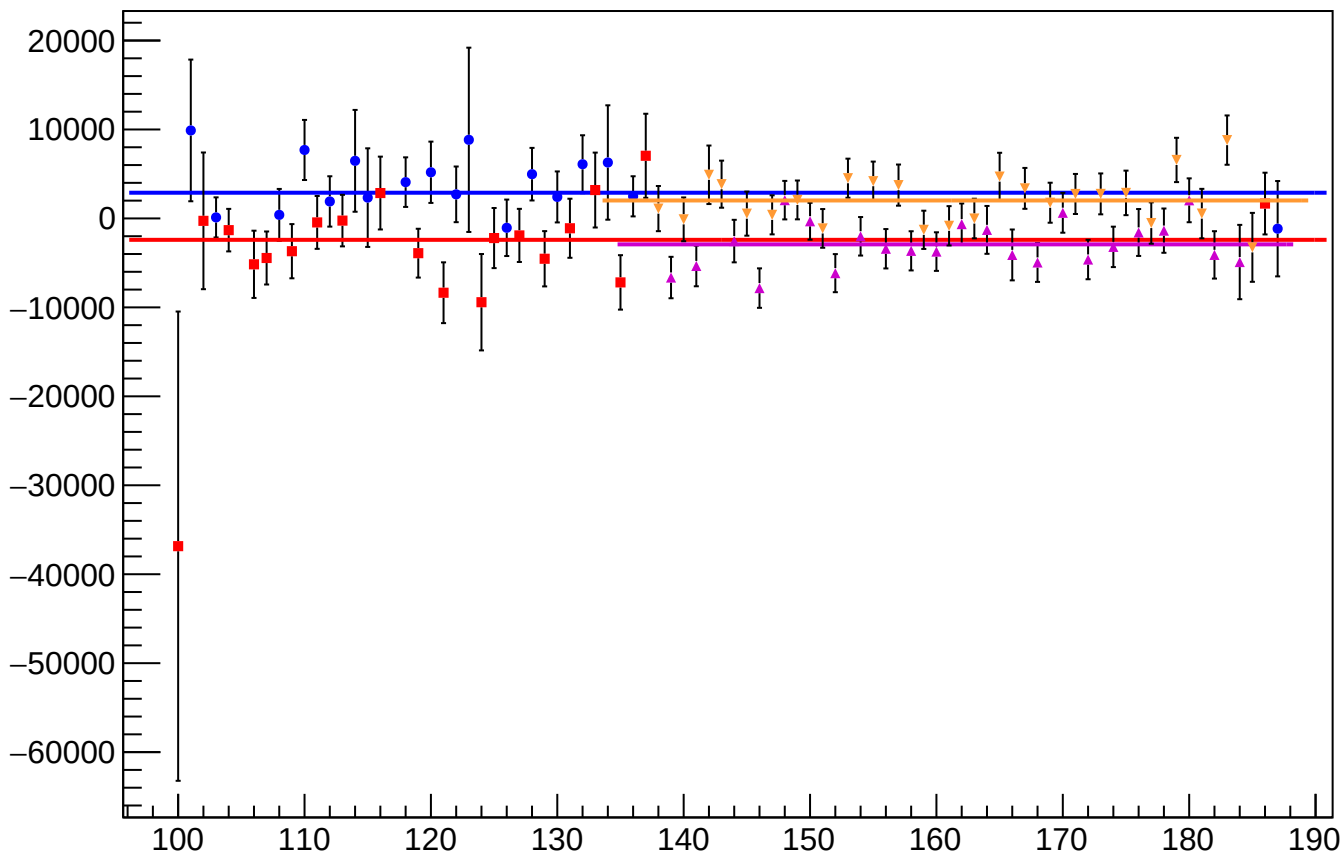
- sign 815.847 ± 837.042 χ^2/NDF : 34.2/42

asym_atl_dd_rms vs Slug



Right In: 3124.119+/-0.879	χ^2/NDF : 1012234.8/17	+ sign 4054.400+/-0.598	χ^2/NDF : 3993453.3/42
Left Out: 4854.932+/-0.815	χ^2/NDF : 895557.4/24	All: 4006.989+/-0.419	χ^2/NDF : 8444181.6/85
Right Out: 3059.357+/-0.828	χ^2/NDF : 1082696.6/19	- sign 3961.049+/-0.588	χ^2/NDF : 4438333.0/42
Left In: 4878.261+/-0.835	χ^2/NDF : 965222.2/22		

dit_asym_atr_avg_mean vs Slug



Right In: 2889.367 ± 786.781 χ^2/NDF : 10.4/17

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

Right Out: -2406.210 ± 764.010 χ^2/NDF : 21.1/19

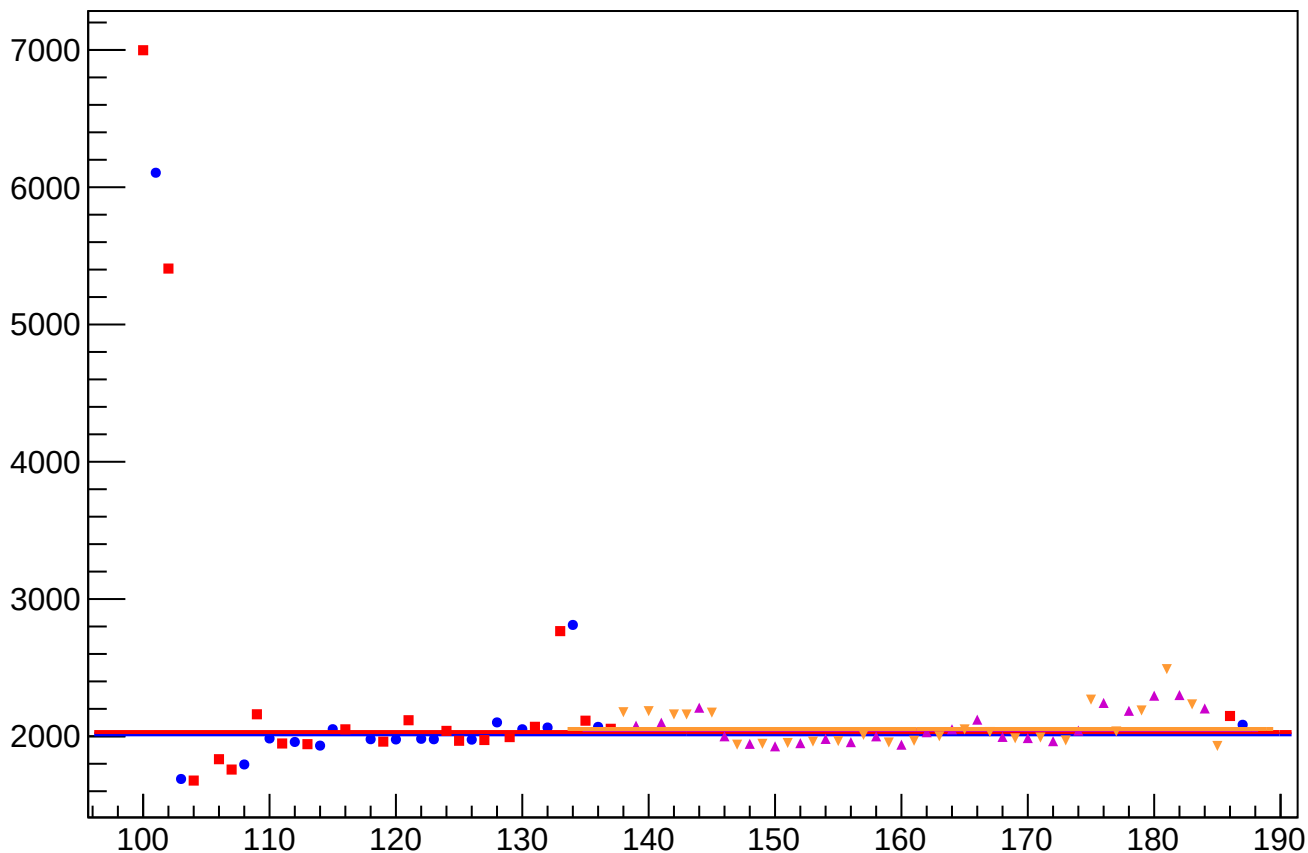
Left In: -2916.079 ± 489.445 χ^2/NDF : 28.8/22

+ sign 2256.278 ± 410.596 χ^2/NDF : 38.5/42

All: -246.358 ± 290.875 χ^2/NDF : 163.2/85

- sign -2767.716 ± 412.129 χ^2/NDF : 50.2/42

dit_asym_atr_avg_rms vs Slug



Right In: 2014.477+/-0.556 χ^2/NDF : 618051.7/17

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

Right Out: 2031.027+/-0.540 χ^2/NDF : 599812.7/19

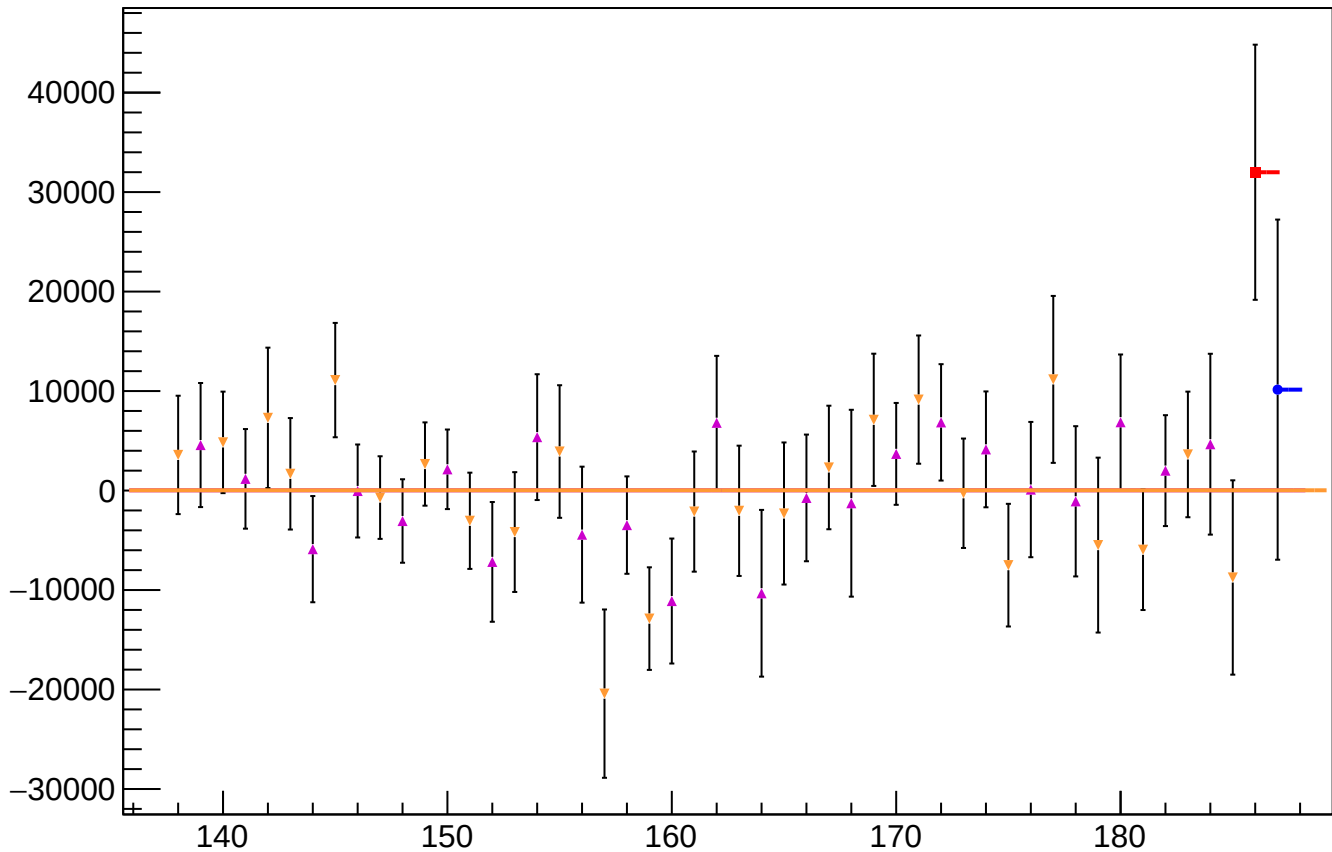
Left In: 2047.277+/-0.346 χ^2/NDF : 103001.2/22

+ sign 2042.724+/-0.290 χ^2/NDF : 758482.4/42

All: 2042.635+/-0.206 χ^2/NDF : 1461938.4/85

- sign 2042.547+/-0.291 χ^2/NDF : 703455.7/42

asym_atr_avg_correction_mean vs Slug



Right In: 10142.297 $\pm$ 17094.933 χ^2 /NDF: 0.0/0

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

Right Out: 31994.535 $\pm$ 12823.465 χ^2 /NDF: 0.0/0

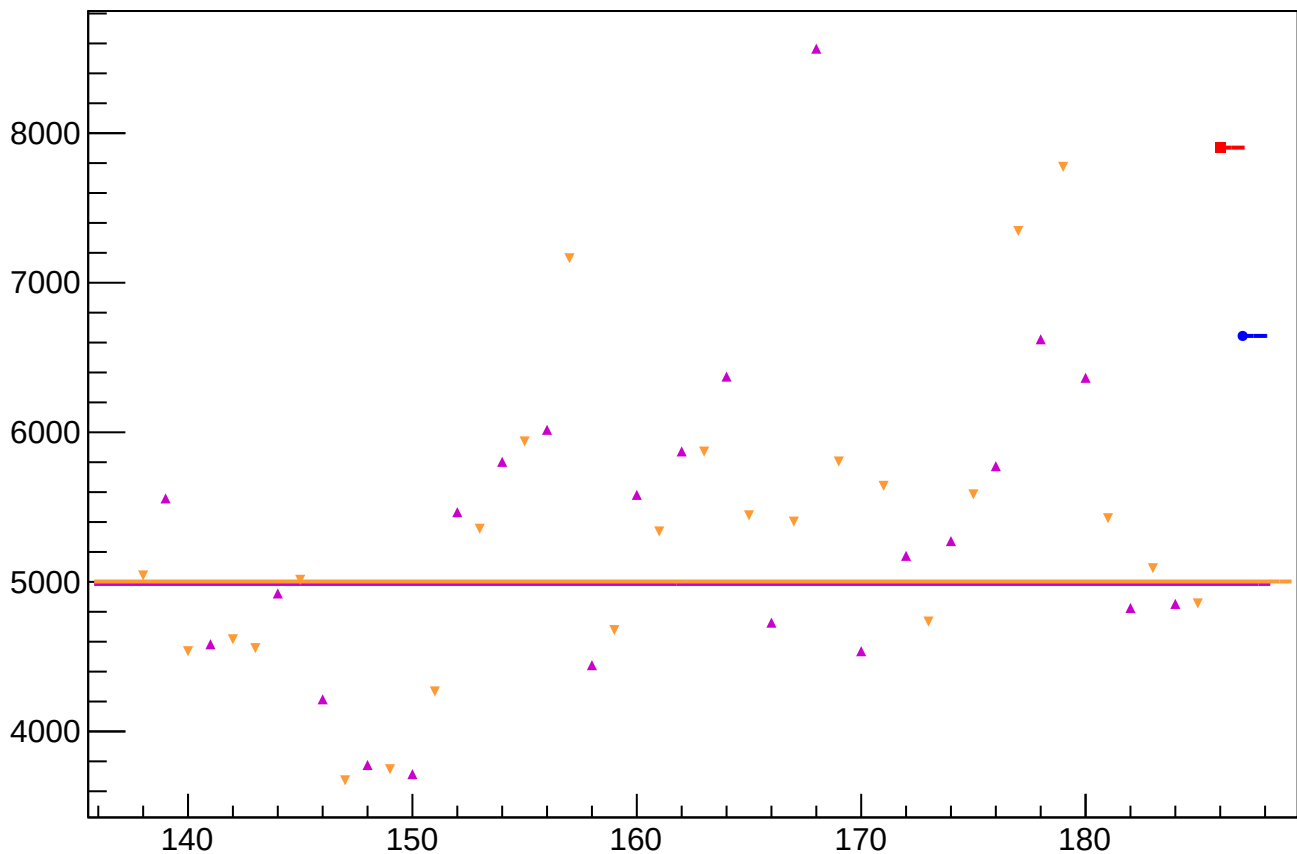
Left In: 23.765 $\pm$ 1211.652 χ^2 /NDF: 15.2/22

+ sign 75.139 $\pm$ 1191.719 χ^2 /NDF: 29.6/25

All: 189.498 $\pm$ 847.773 χ^2 /NDF: 51.0/49

- sign 306.669 $\pm$ 1206.279 χ^2 /NDF: 21.4/23

asym_atr_avg_correction_rms vs Slug



Right In: 6644.416+/-12.088 χ^2/NDF : 0.0/0

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

Right Out: 7903.347+/-9.068 χ^2/NDF : 0.0/0

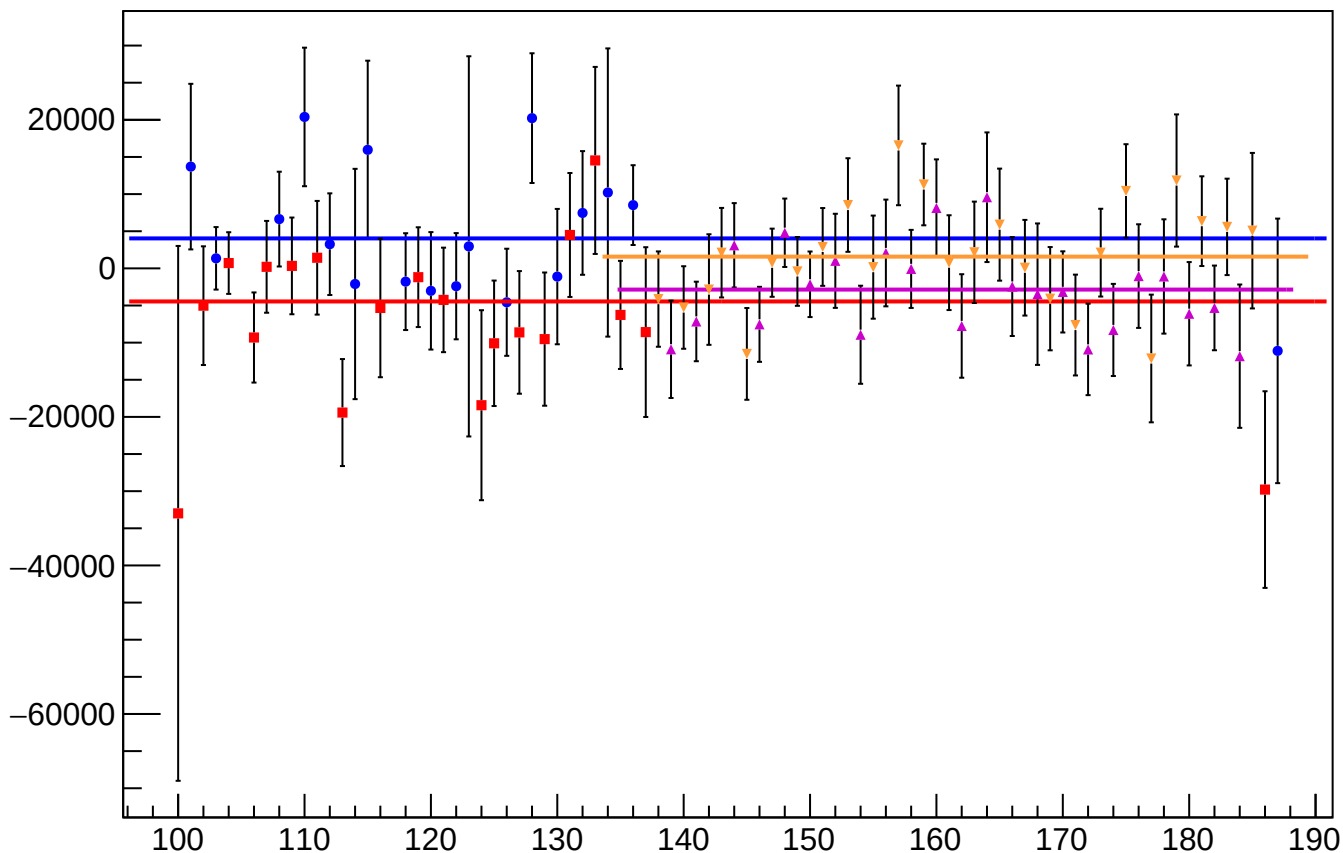
Left In: 4986.169+/-0.857 χ^2/NDF :1197602.7/22

+ sign 5010.538+/-0.843 χ^2/NDF : 1163956.2/25

All: 5011.252+/-0.599 χ^2/NDF : 2464145.6/49

- sign 5011.983+/-0.853 χ^2/NDF : 1300188.0/23

asym_atr_avg_mean vs Slug



Right In: 4034.010 ± 1847.778 χ^2/NDF : 14.8/17

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

Right Out: -4453.879 ± 1710.722 χ^2/NDF : 18.6/19

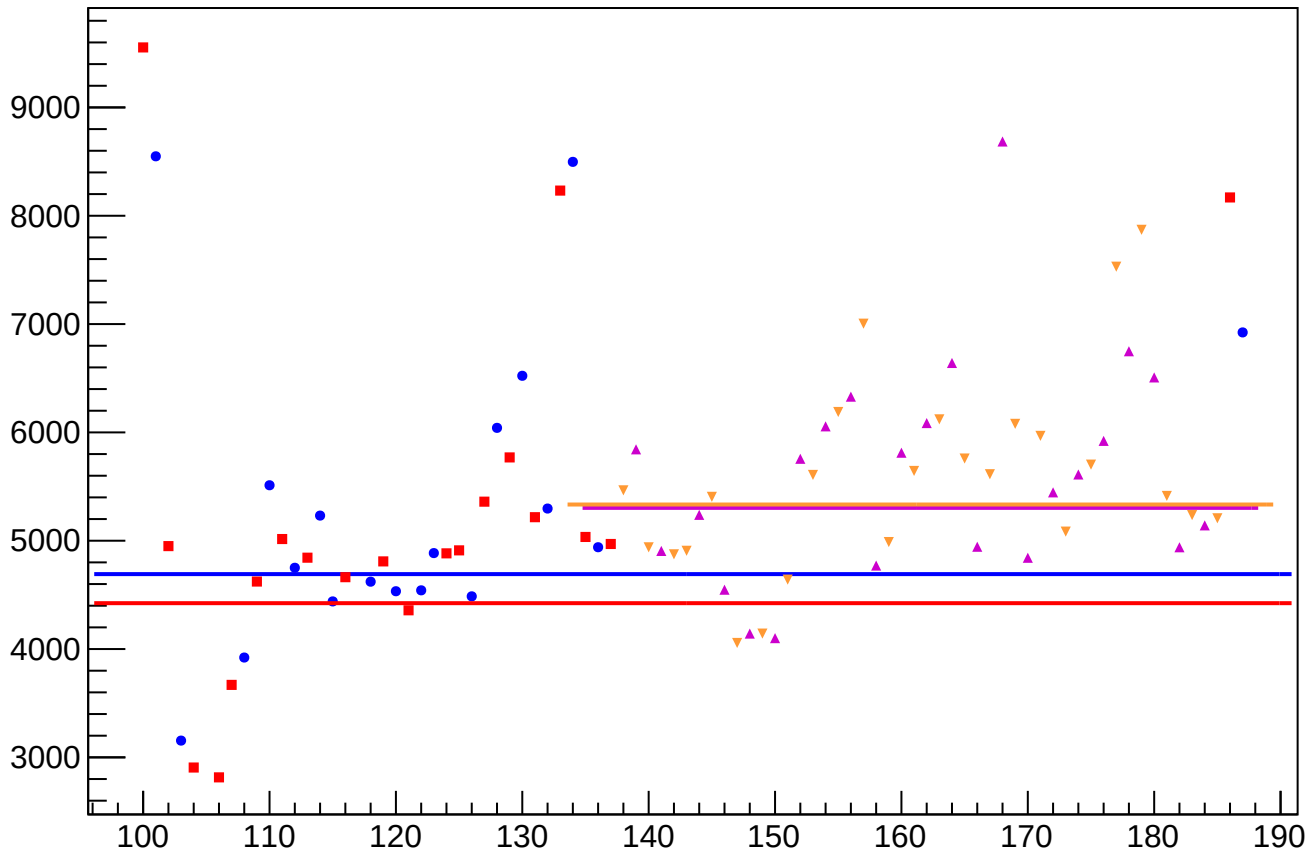
Left In: -2856.480 ± 1284.131 χ^2/NDF : 18.1/22

+ sign 2364.397 ± 1044.438 χ^2/NDF : 41.2/42

All: -582.705 ± 732.283 χ^2/NDF : 94.1/85

- sign -3432.169 ± 1026.991 χ^2/NDF : 37.2/42

asym_atr_avg_rms vs Slug



Right In: 4691.748+/-1.307 χ^2/NDF : 809589.4/17

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

Right Out: 4423.461+/-1.203 χ^2/NDF : 995539.1/19

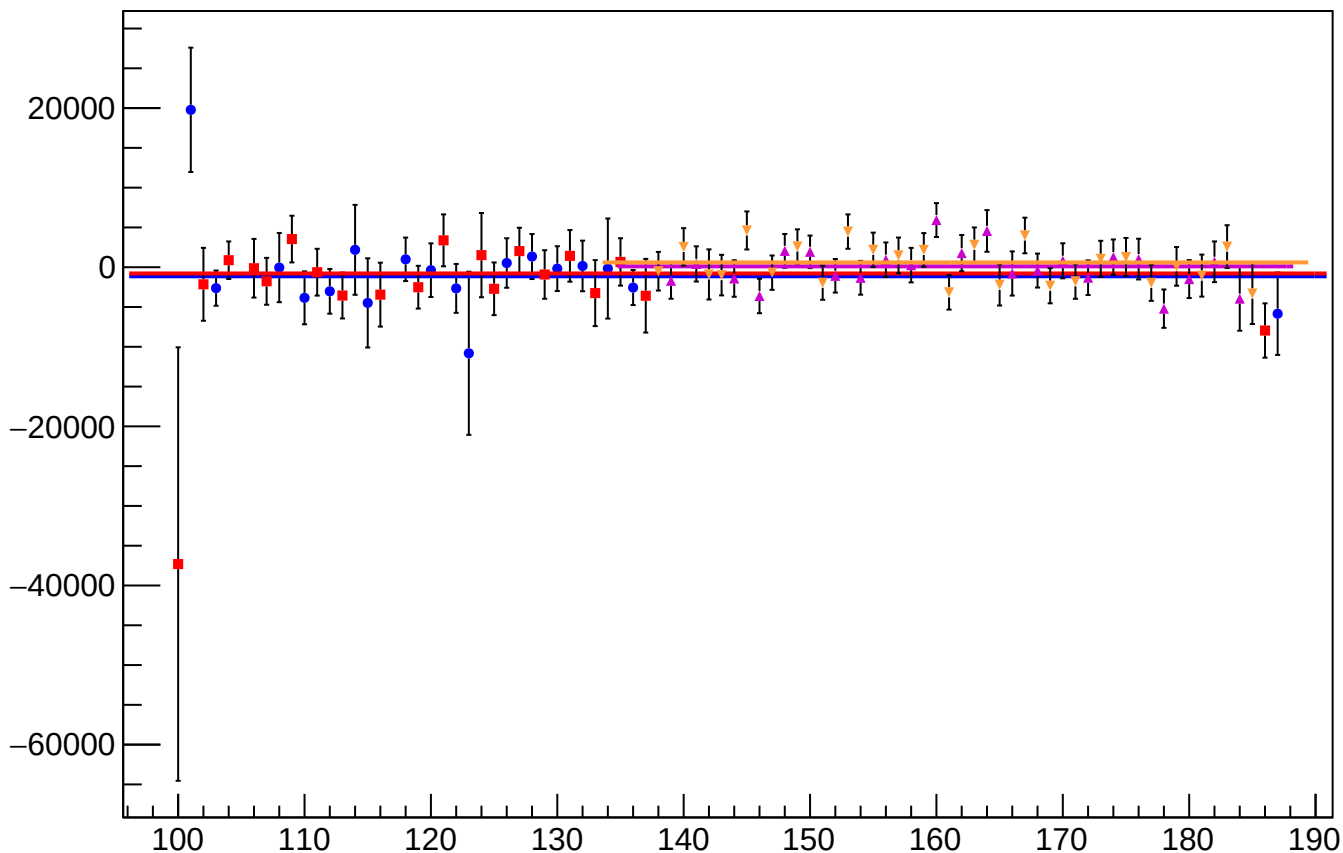
Left In: 5303.321+/-0.908 χ^2/NDF : 960356.0/22

+ sign 5128.953+/-0.739 χ^2/NDF : 1839543.6/42

All: 5055.062+/-0.517 χ^2/NDF : 4155942.6/85

- sign 4983.913+/-0.725 χ^2/NDF : 2296750.0/42

dit_asym_atr_dd_mean vs Slug



Right In: -1138.388 ± 787.337 χ^2/NDF : 13.9/17

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

Right Out: -784.693 ± 742.594 χ^2/NDF : 15.4/19

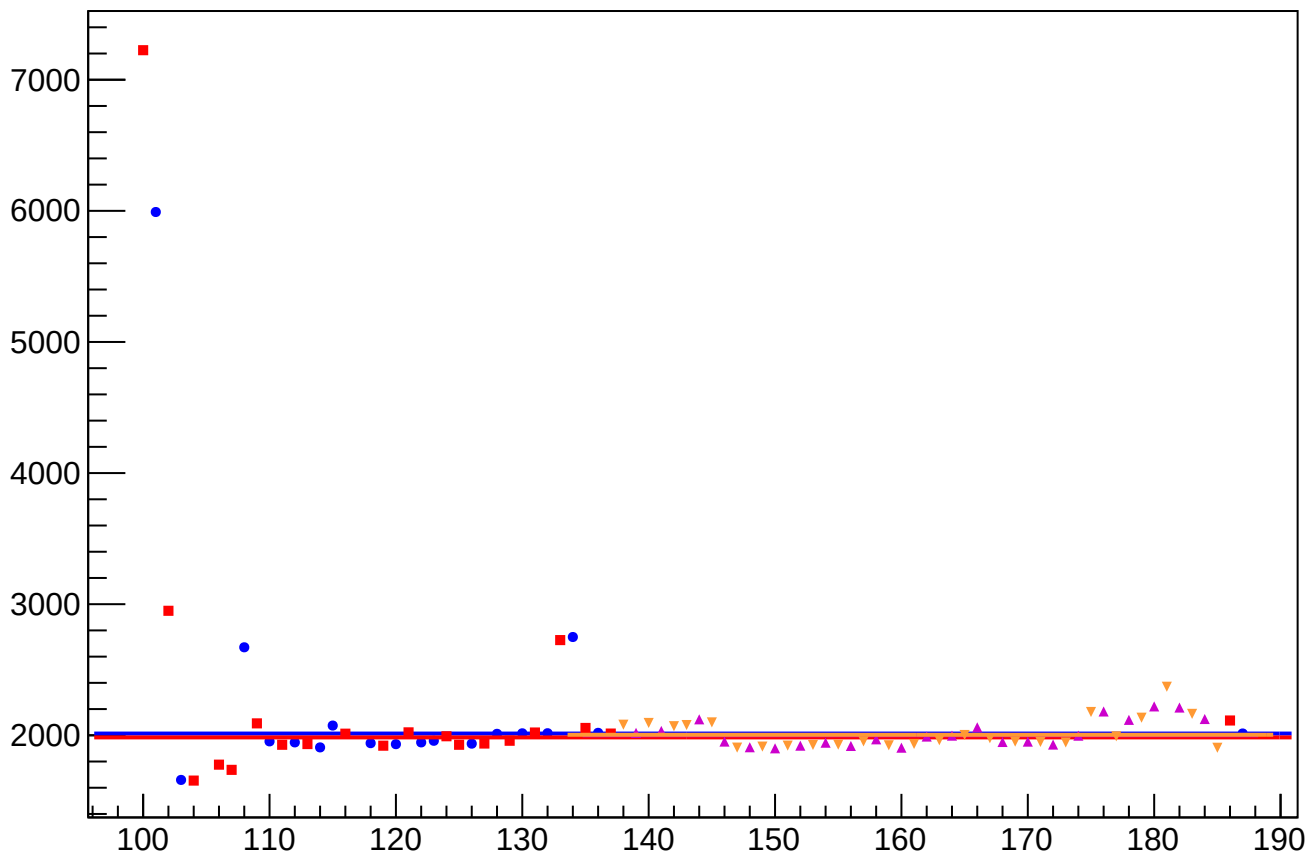
Left In: 108.365 ± 477.899 χ^2/NDF : 25.0/22

+ sign 148.420 ± 403.182 χ^2/NDF : 42.8/42

All: -2.872 ± 284.628 χ^2/NDF : 84.4/85

- sign -153.182 ± 401.871 χ^2/NDF : 41.4/42

dit_asym_atr_dd_rms vs Slug



Right In: 2013.282 $\pm$ 0.557 χ^2 /NDF: 650048.6/17

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

Right Out: 1983.939 $\pm$ 0.525 χ^2 /NDF: 297896.3/19

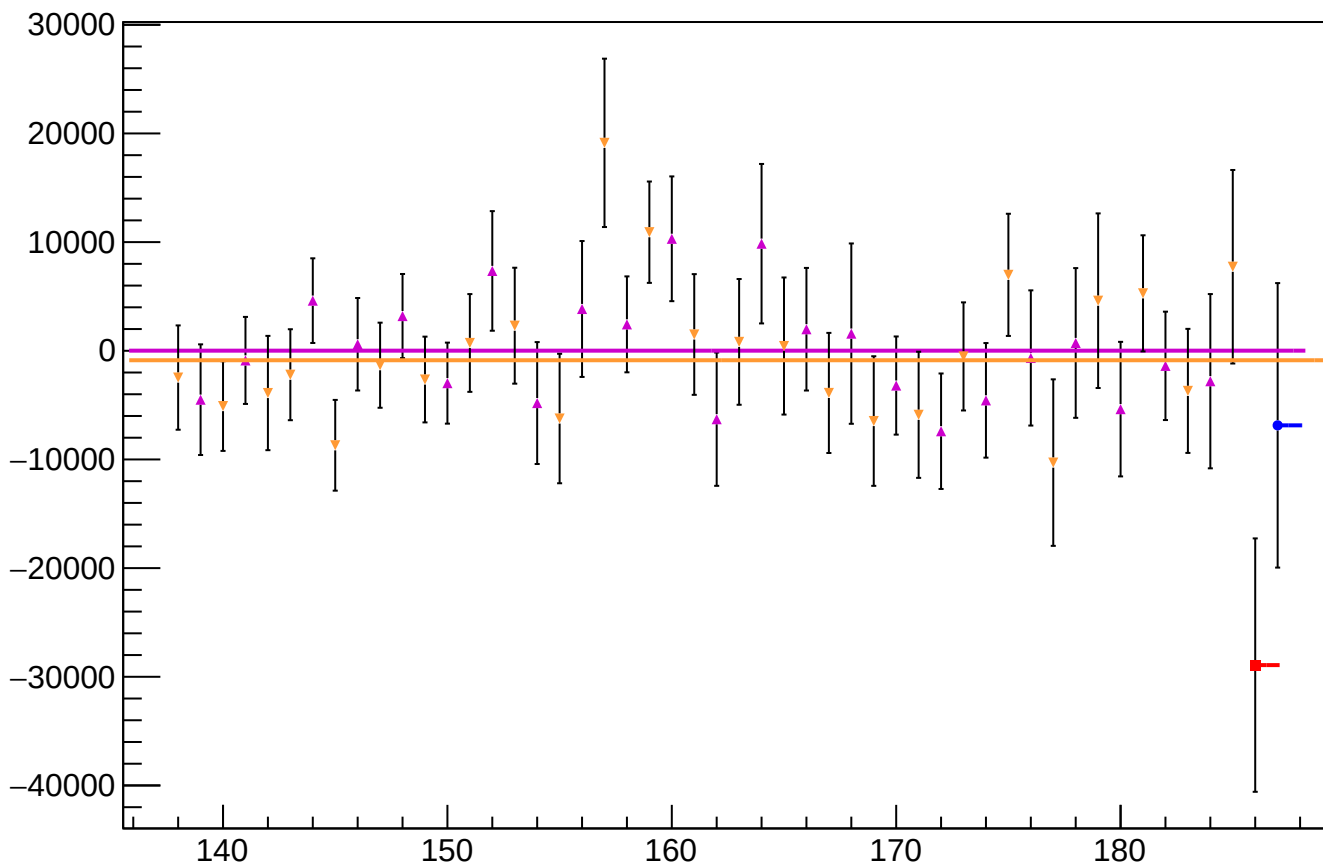
Left In: 2000.119 $\pm$ 0.338 χ^2 /NDF: 79688.8/22

+ sign 2006.425 $\pm$ 0.285 χ^2 /NDF: 750236.0/42

All: 2000.880 $\pm$ 0.201 χ^2 /NDF: 1129247.5/85

- sign 1995.374 $\pm$ 0.284 χ^2 /NDF: 378257.5/42

asym_atr_dd_correction_mean vs Slug



Right In: -6861.860 $\pm$ 13090.382 χ^2 /NDF: 0.0/0

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

Right Out: -28924.718 $\pm$ 11659.045 χ^2 /NDF: 0.0/0

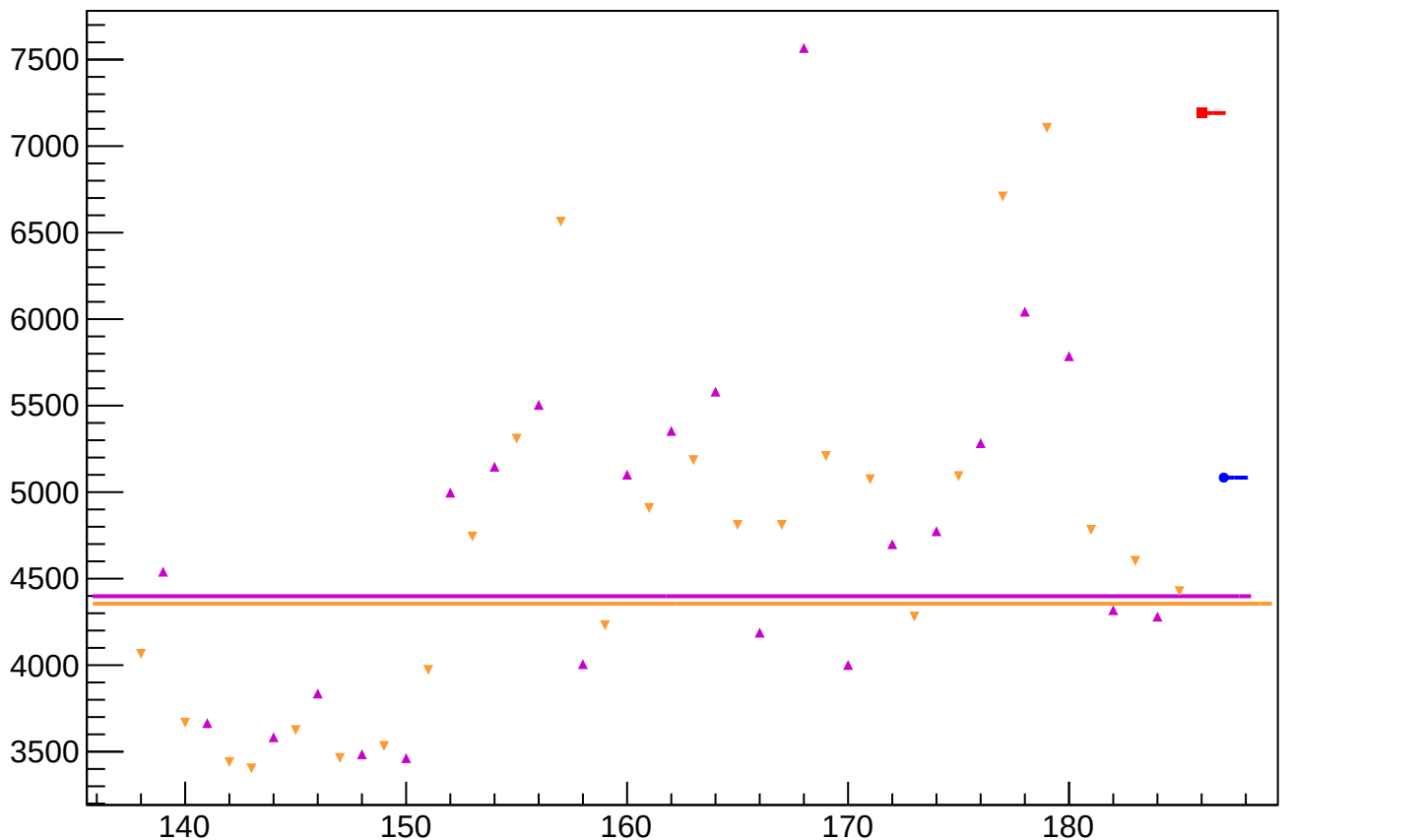
Left In: 10.945 $\pm$ 1070.258 χ^2 /NDF:17.2/22

+ sign -909.114 $\pm$ 1040.091 χ^2 /NDF: 28.5/25

All: -578.252 $\pm$ 744.371 χ^2 /NDF: 52.0/49

- sign -230.846 $\pm$ 1065.777 χ^2 /NDF: 23.3/23

asym_atr_dd_correction_rms vs Slug



Right In: 5083.877+/-9.256 χ^2/NDF : 0.0/0

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

Right Out: 7191.105+/-8.244 χ^2/NDF : 0.0/0

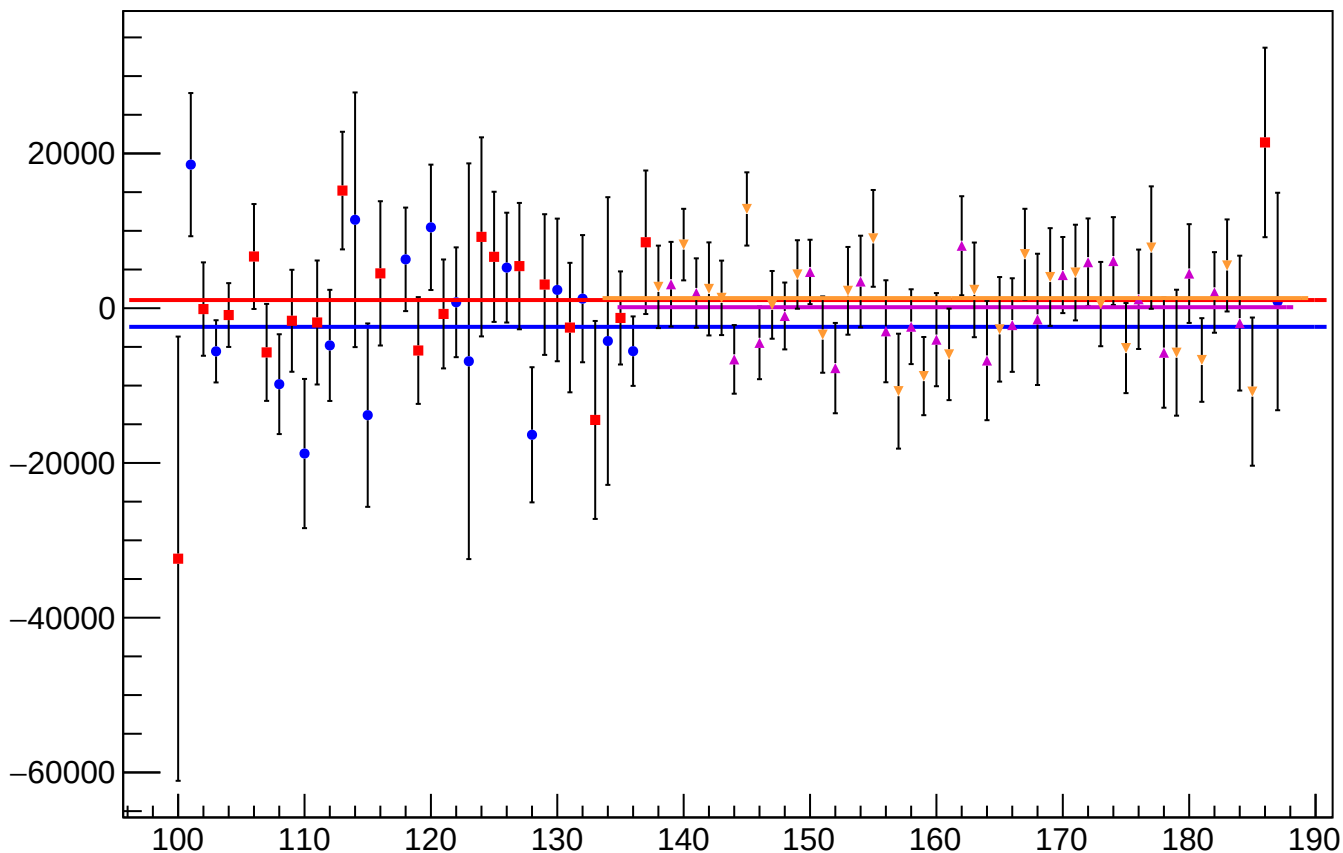
Left In: 4398.421+/-0.757 χ^2/NDF :1278784.1/22

+ sign 4359.803+/-0.735 χ^2/NDF : 1356650.4/25

All: 4390.024+/-0.526 χ^2/NDF : 2752685.8/49

- sign 4421.757+/-0.754 χ^2/NDF : 1392573.9/23

asym_atr_dd_mean vs Slug



Right In: -2408.669 ± 1782.773 χ^2/NDF : 20.9/17

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

Right Out: 1053.985 ± 1673.954 χ^2/NDF : 14.7/19

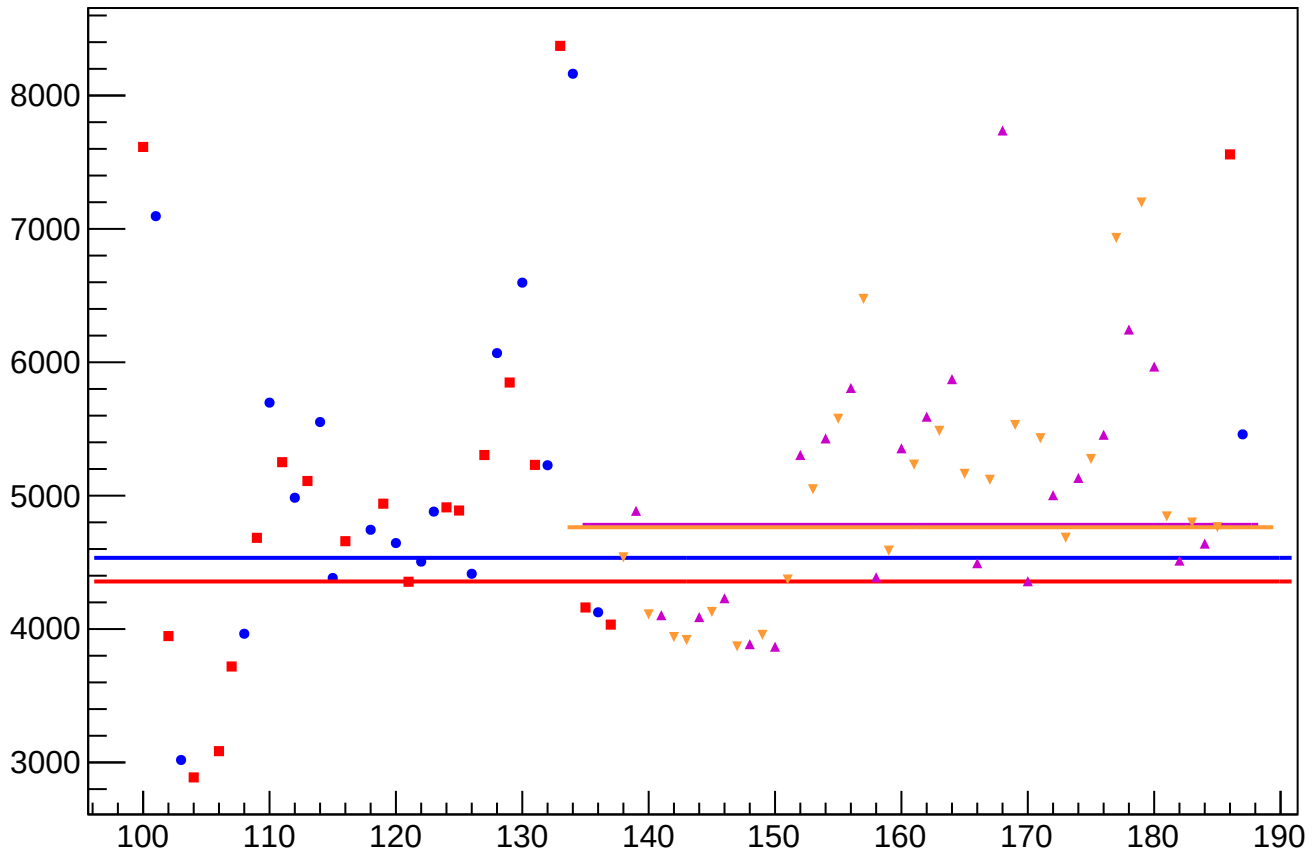
Left In: 131.428 ± 1157.282 χ^2/NDF : 14.9/22

+ sign 239.738 ± 955.399 χ^2/NDF : 52.1/42

All: 335.101 ± 674.342 χ^2/NDF : 81.9/85

- sign 429.775 ± 951.936 χ^2/NDF : 29.8/42

asym_atr_dd_rms vs Slug



Right In: 4533.828 $\pm$ 1.261 χ^2/NDF : 779050.6/17

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

Right Out: 4356.659 $\pm$ 1.177 χ^2/NDF : 910979.0/19

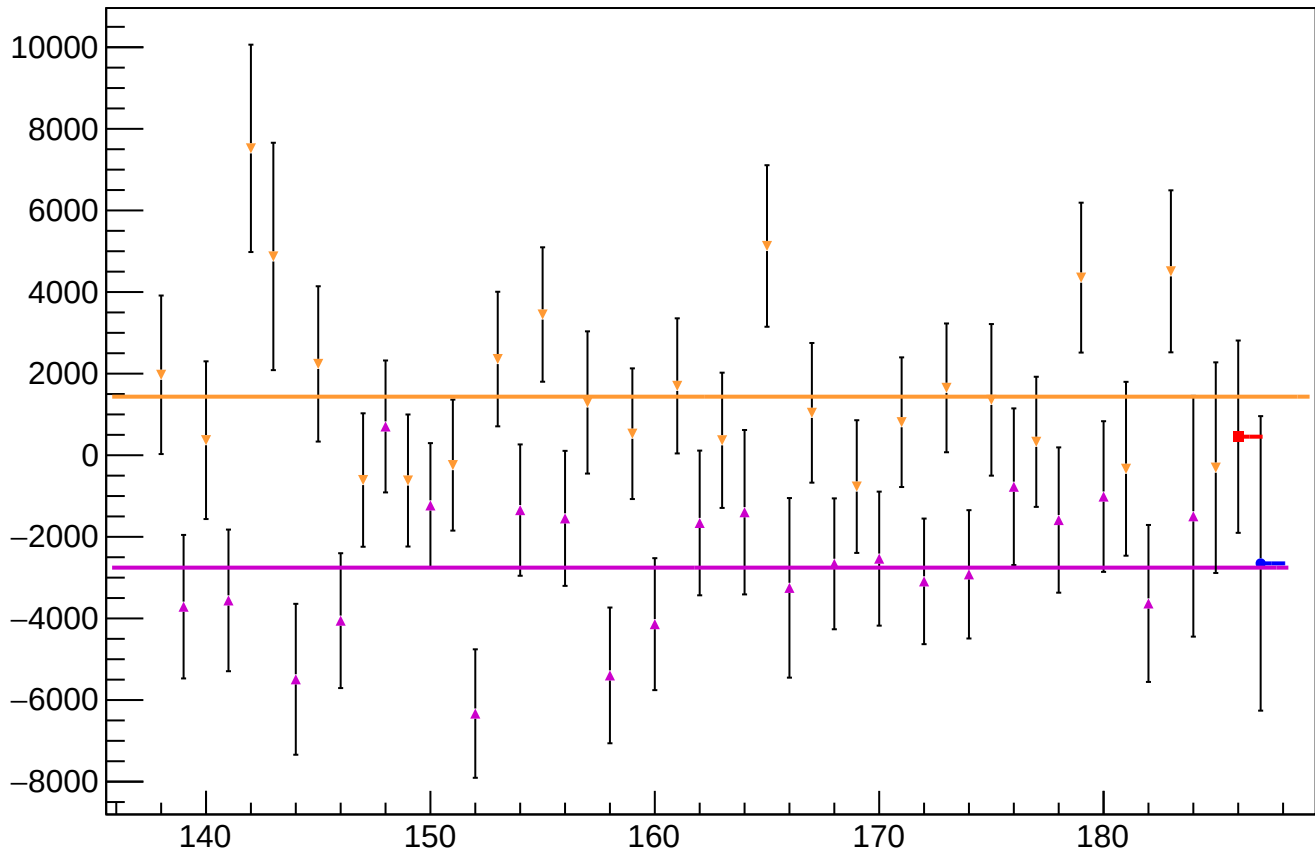
Left In: 4781.172 $\pm$ 0.818 χ^2/NDF : 951542.2/22

+ sign 4697.318 $\pm$ 0.672 χ^2/NDF : 1744504.2/42

All: 4669.948 $\pm$ 0.476 χ^2/NDF : 3697962.8/85

- sign 4642.873 $\pm$ 0.672 χ^2/NDF : 1950193.6/42

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: -2650.892 ± 3609.305 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 1435.504 ± 358.178 $\chi^2/\text{NDF}: 26.7/24$

Right Out: 454.834 ± 2356.861 $\chi^2/\text{NDF}: 0.0/0$

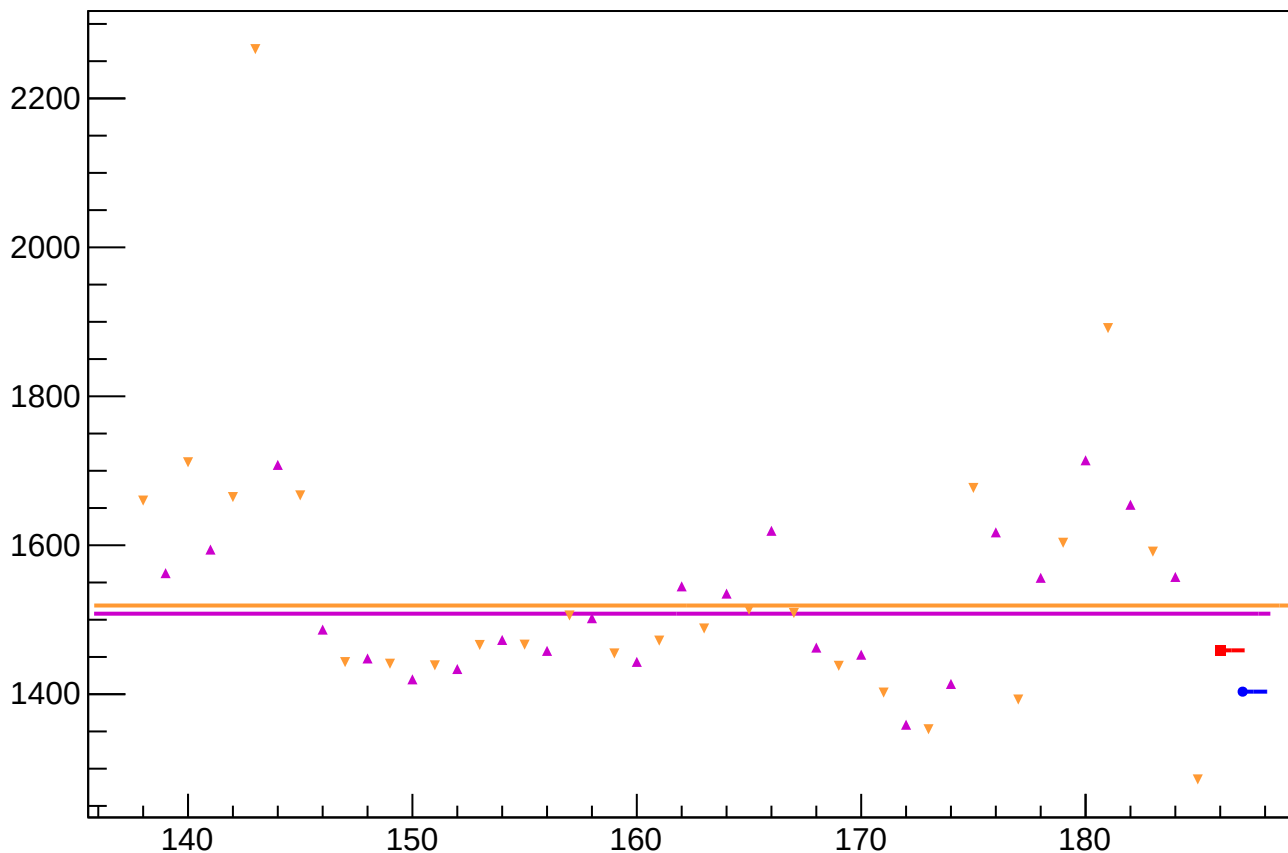
Left In: -2754.889 ± 361.672 $\chi^2/\text{NDF}: 22.4/22$

+ sign 1395.653 ± 356.427 $\chi^2/\text{NDF}: 28.0/25$

All: -636.643 ± 252.406 $\chi^2/\text{NDF}: 117.4/49$

- sign -2681.044 ± 357.487 $\chi^2/\text{NDF}: 24.2/23$

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1403.425+/-2.552 χ^2/NDF : 0.0/0

Left Out: 1519.092+/-0.253 χ^2/NDF : 365839.2/24

Right Out: 1458.885+/-1.667 χ^2/NDF : 0.0/0

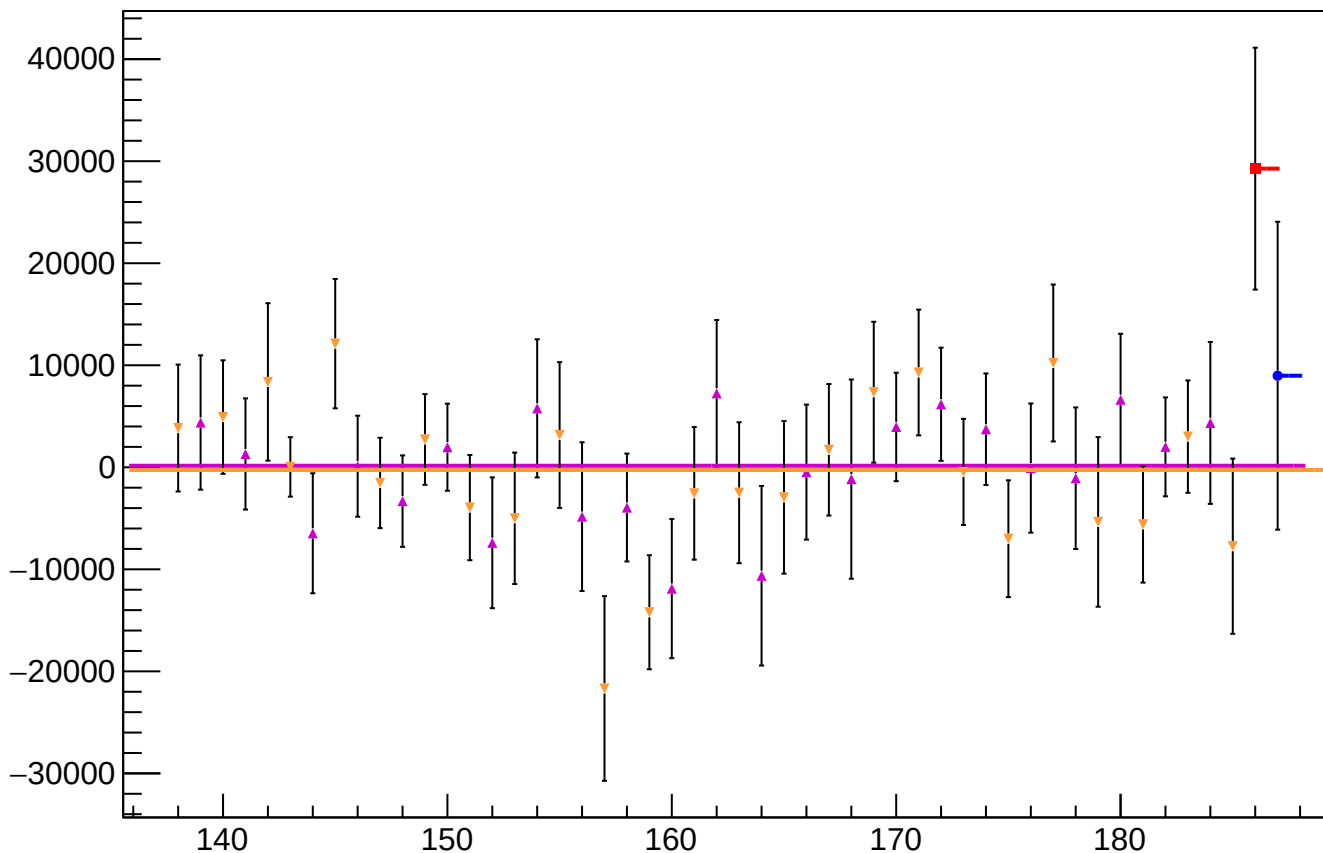
Left In: 1508.111+/-0.256 χ^2/NDF : 131488.7/22

+ sign 1517.964+/-0.252 χ^2/NDF : 367873.1/25

All: 1512.488+/-0.178 χ^2/NDF : 501161.3/49

- sign 1506.979+/-0.253 χ^2/NDF : 132341.1/23

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 8975.199+/-15086.703 χ^2/NDF : 0.0/0

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

Right Out: 29272.334+/-11854.412 χ^2/NDF : 0.0/0

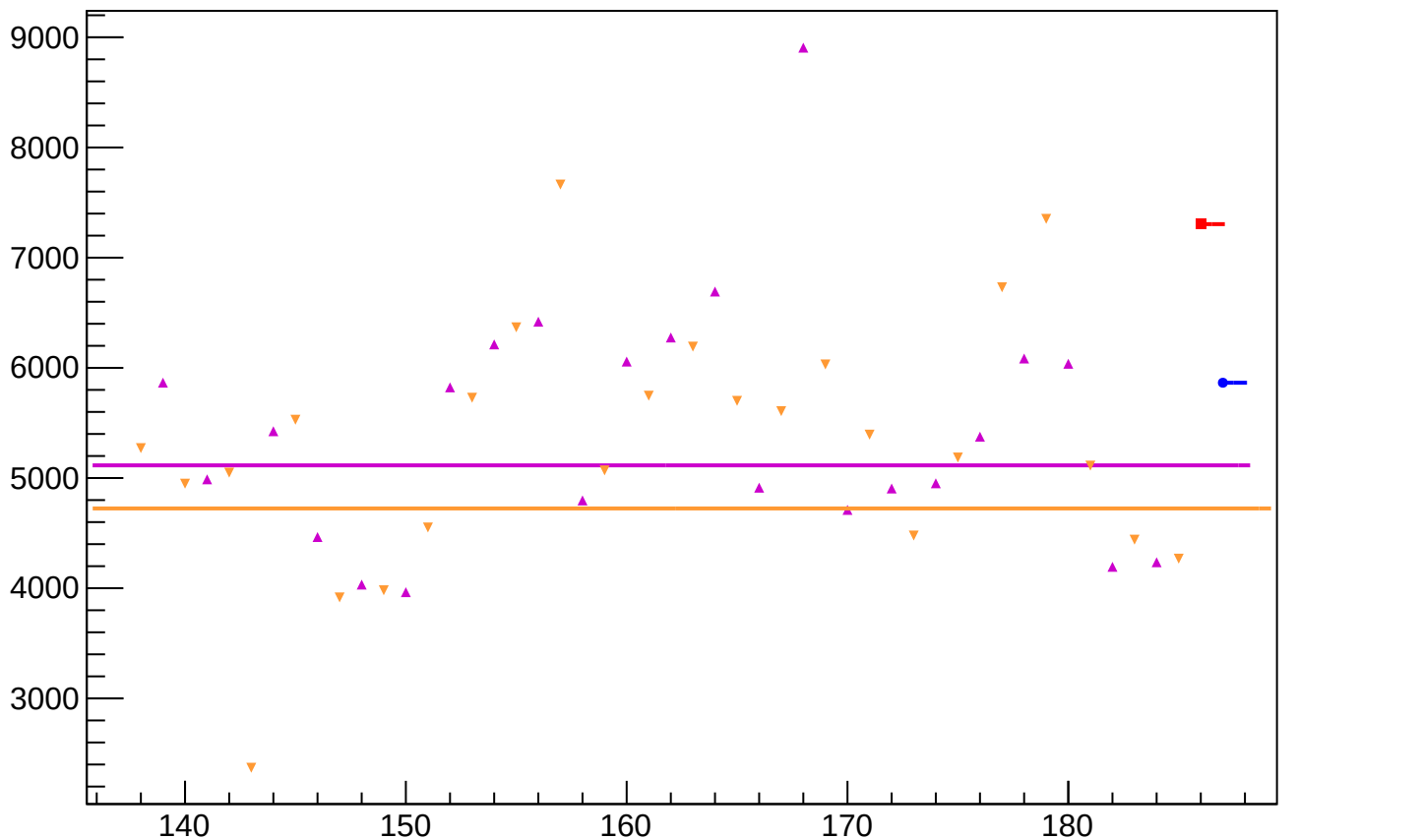
Left In: 151.239+/-1241.800 χ^2/NDF :14.9/22

+ sign -210.845+/-1147.783 χ^2/NDF : 30.1/25

All: 103.441+/-840.762 χ^2/NDF : 51.1/49

- sign 467.329+/-1235.042 χ^2/NDF : 20.8/23

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 5864.843 $\pm$ 10.668 χ^2 /NDF: 0.0/0

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

Right Out: 7304.343 $\pm$ 8.382 χ^2 /NDF: 0.0/0

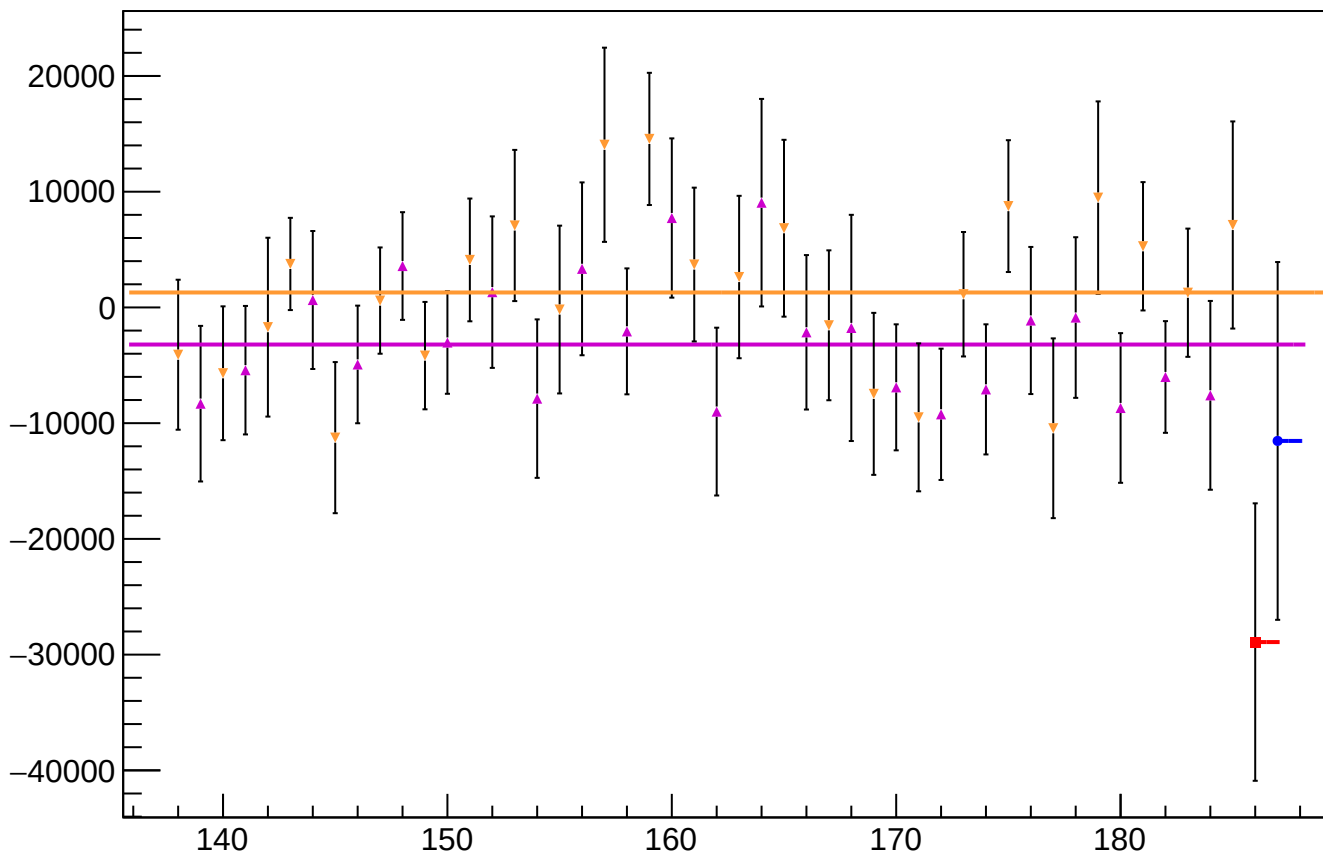
Left In: 5115.139 $\pm$ 0.878 χ^2 /NDF: 1131347.2/22

+ sign 4730.630 $\pm$ 0.812 χ^2 /NDF: 2548901.9/25

All: 4919.835 $\pm$ 0.595 χ^2 /NDF: 3864989.3/49

- sign 5138.902 $\pm$ 0.873 χ^2 /NDF: 1198815.9/23

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: -11535.233+/-15458.115 χ^2/NDF : 0.0/0

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

Right Out: -28914.795+/-11987.514 χ^2/NDF : 0.0/0

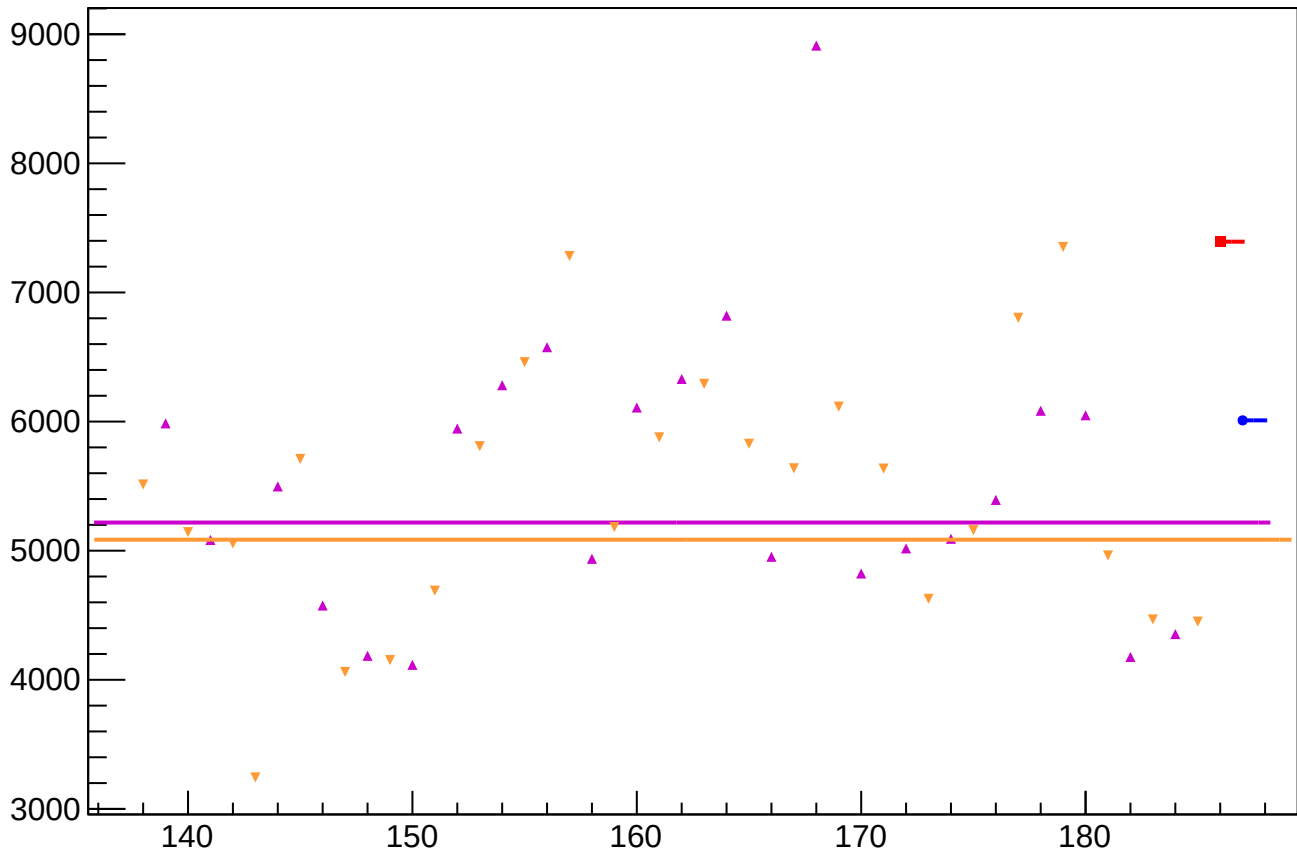
Left In: -3205.363+/-1265.586 χ^2/NDF : 13.9/22

+ sign 1213.388+/-1212.019 χ^2/NDF : 28.5/25

All: -1049.081+/-873.027 χ^2/NDF : 54.2/49

- sign -3488.766+/-1258.592 χ^2/NDF : 18.4/23

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 6009.383 $\pm$ 10.931 χ^2 /NDF: 0.0/0

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

Right Out: 7393.224 $\pm$ 8.476 χ^2 /NDF: 0.0/0

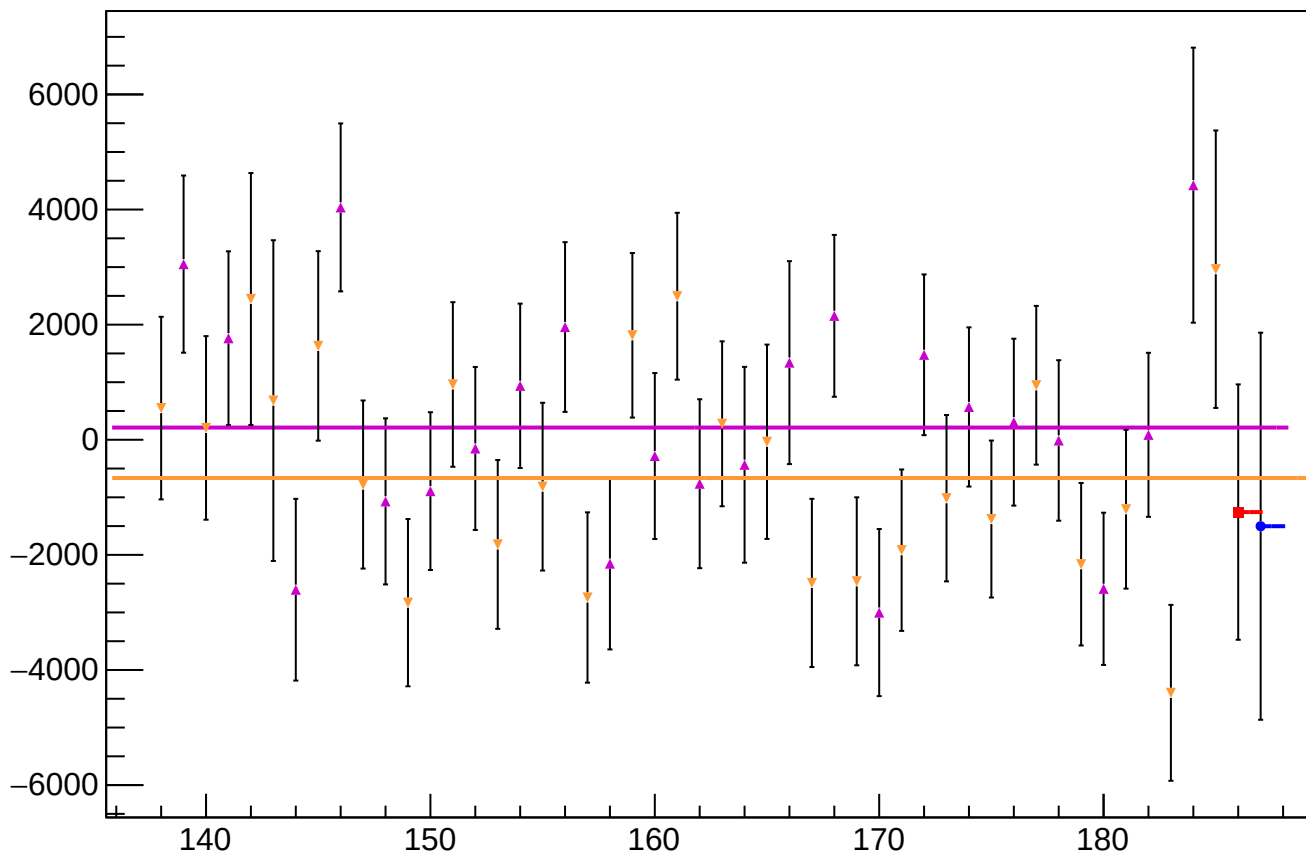
Left In: 5217.971 $\pm$ 0.895 χ^2 /NDF:1058996.1/22

+ sign 5090.988 $\pm$ 0.857 χ^2 /NDF: 1363801.6/25

All: 5163.624 $\pm$ 0.617 χ^2 /NDF: 2502856.2/49

- sign 5241.950 $\pm$ 0.890 χ^2 /NDF: 1124125.5/23

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1501.989 ± 3362.818 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -664.362 ± 305.119 $\chi^2/\text{NDF}: 34.6/24$

Right Out: -1256.411 ± 2218.569 $\chi^2/\text{NDF}: 0.0/0$

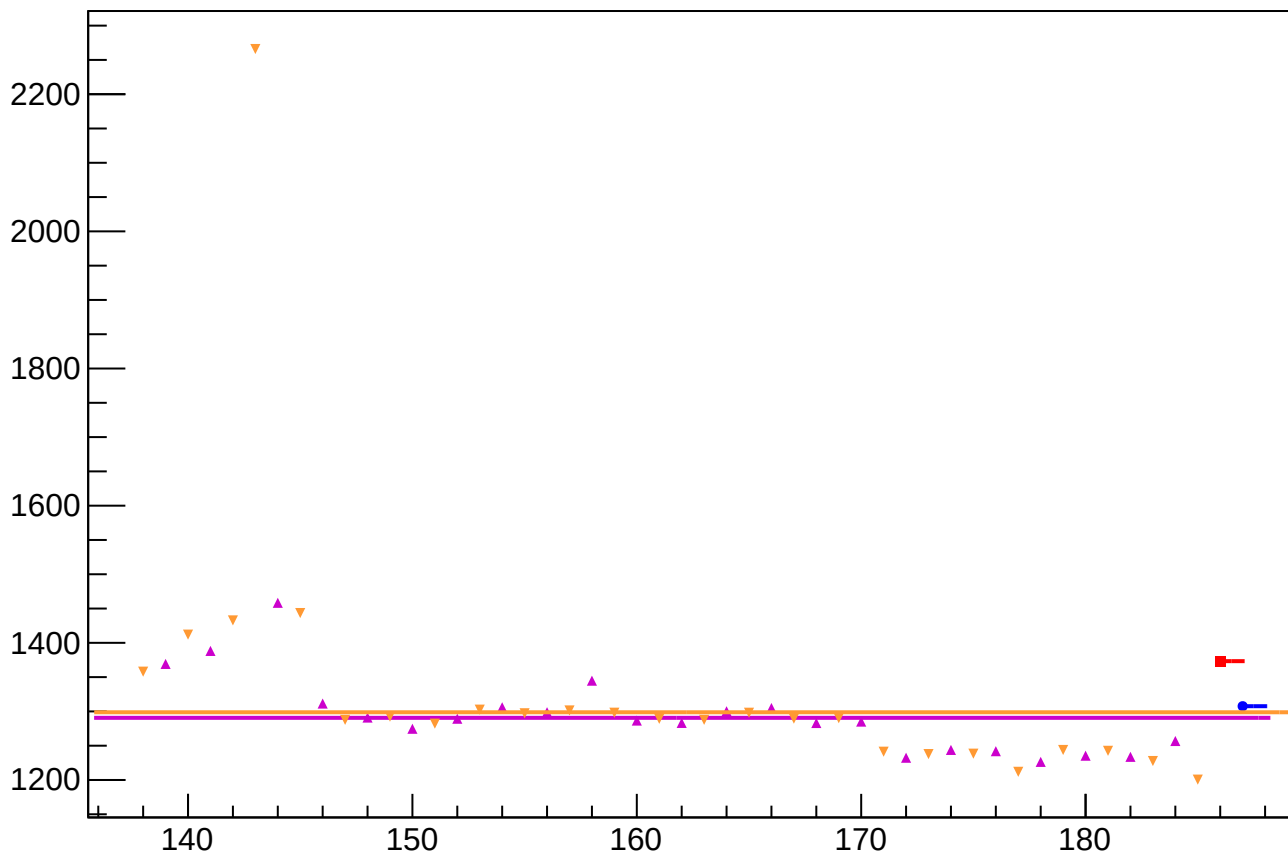
Left In: 212.071 ± 308.597 $\chi^2/\text{NDF}: 36.6/22$

+ sign -671.202 ± 303.871 $\chi^2/\text{NDF}: 34.7/25$

All: -246.005 ± 215.497 $\chi^2/\text{NDF}: 75.7/49$

- sign 184.198 ± 305.654 $\chi^2/\text{NDF}: 37.1/23$

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1307.598 $\pm$ 2.378 χ^2 /NDF: 0.0/0

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

Right Out: 1373.283 $\pm$ 1.569 χ^2 /NDF: 0.0/0

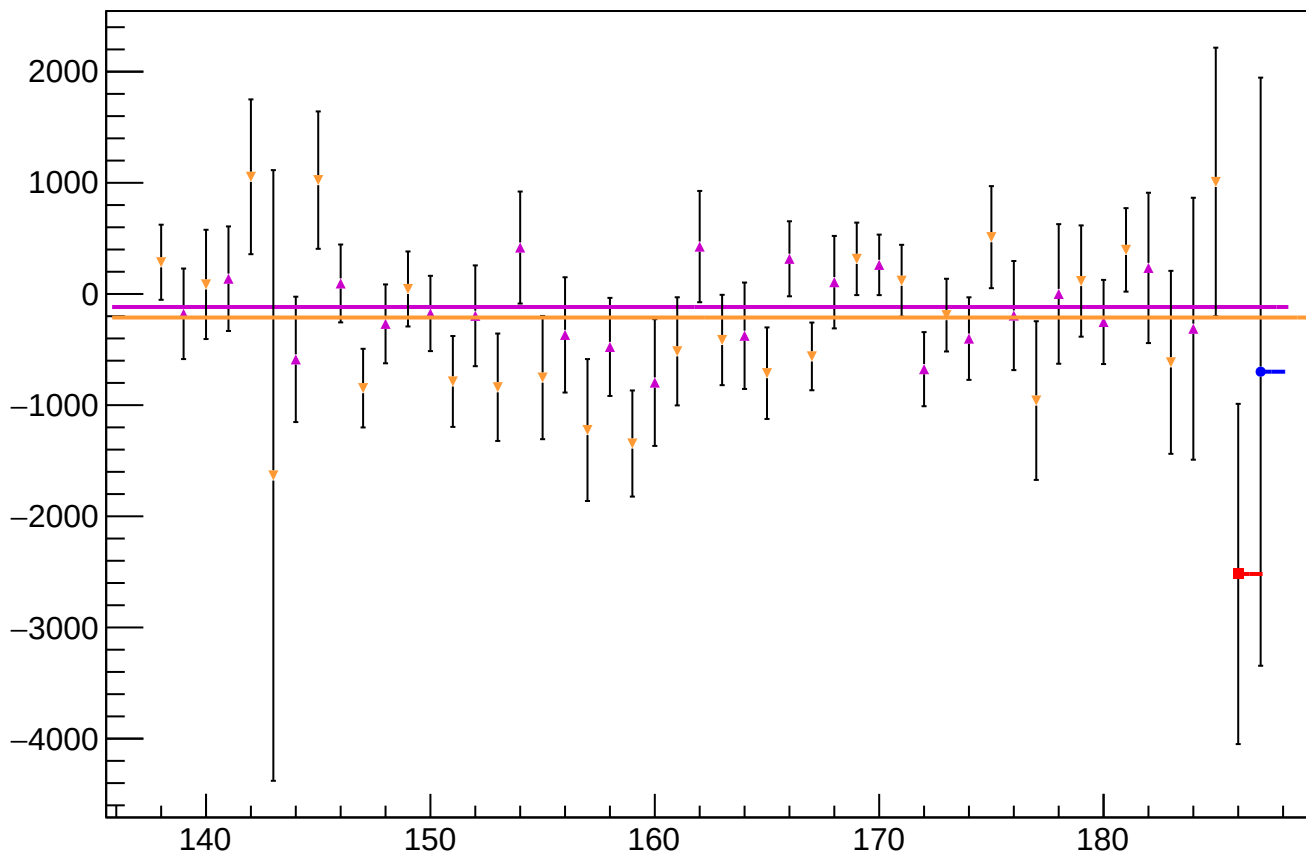
Left In: 1290.644 $\pm$ 0.218 χ^2 /NDF: 59427.8/22

+ sign 1298.816 $\pm$ 0.215 χ^2 /NDF: 310358.5/25

All: 1295.534 $\pm$ 0.152 χ^2 /NDF: 372977.9/49

- sign 1292.213 $\pm$ 0.216 χ^2 /NDF: 62150.0/23

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -699.148 $\pm$ 2645.413 χ^2 /NDF: 0.0/0

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

Right Out: -2518.710 $\pm$ 1530.477 χ^2 /NDF: 0.0/0

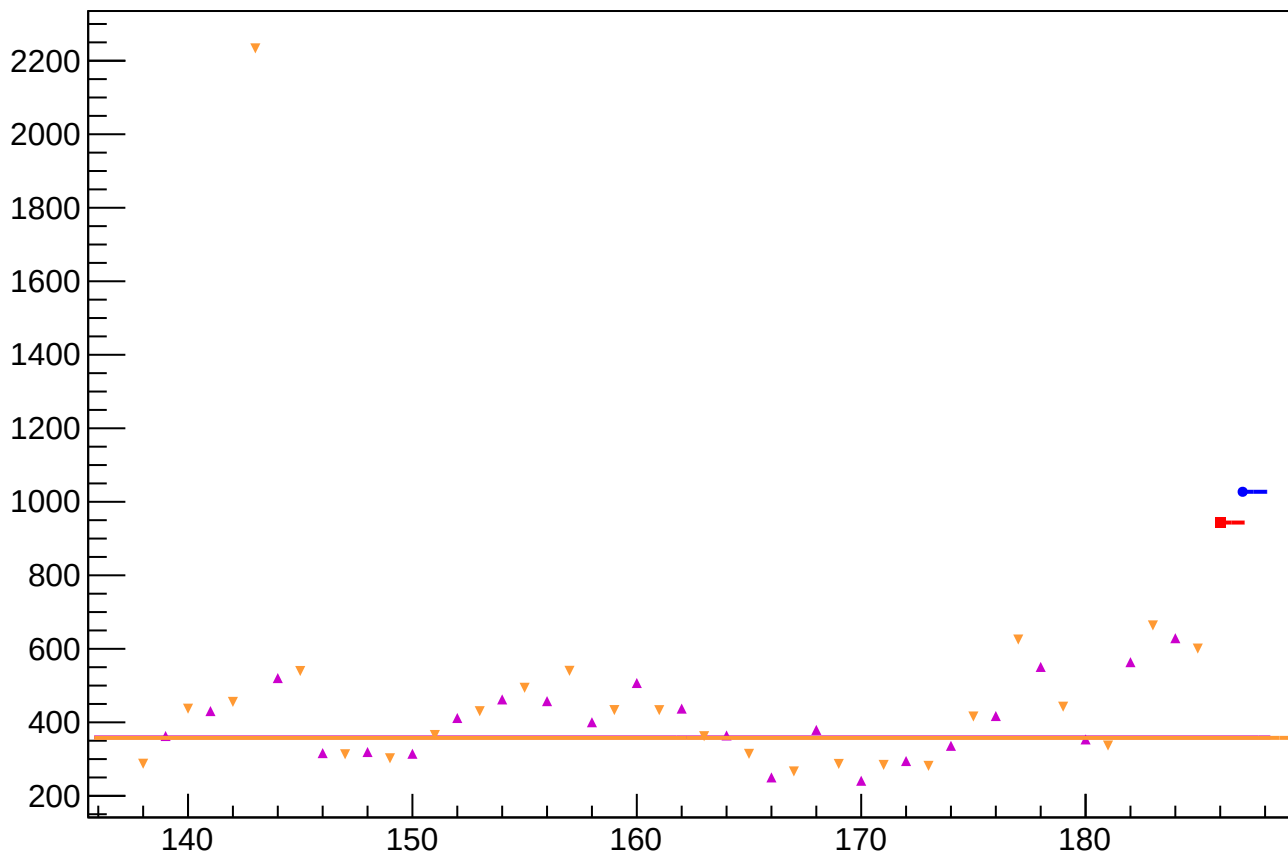
Left In: -117.113 $\pm$ 88.214 χ^2 /NDF:14.3/22

+ sign -212.180 $\pm$ 87.622 χ^2 /NDF: 41.7/25

All: -168.844 $\pm$ 62.115 χ^2 /NDF: 59.0/49

- sign -125.065 $\pm$ 88.068 χ^2 /NDF: 16.8/23

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 1027.263+/-1.871 χ^2/NDF : 0.0/0

Left Out: 357.749+/-0.062 χ^2/NDF : 3042055.7/24

Right Out: 943.558+/-1.082 χ^2/NDF : 0.0/0

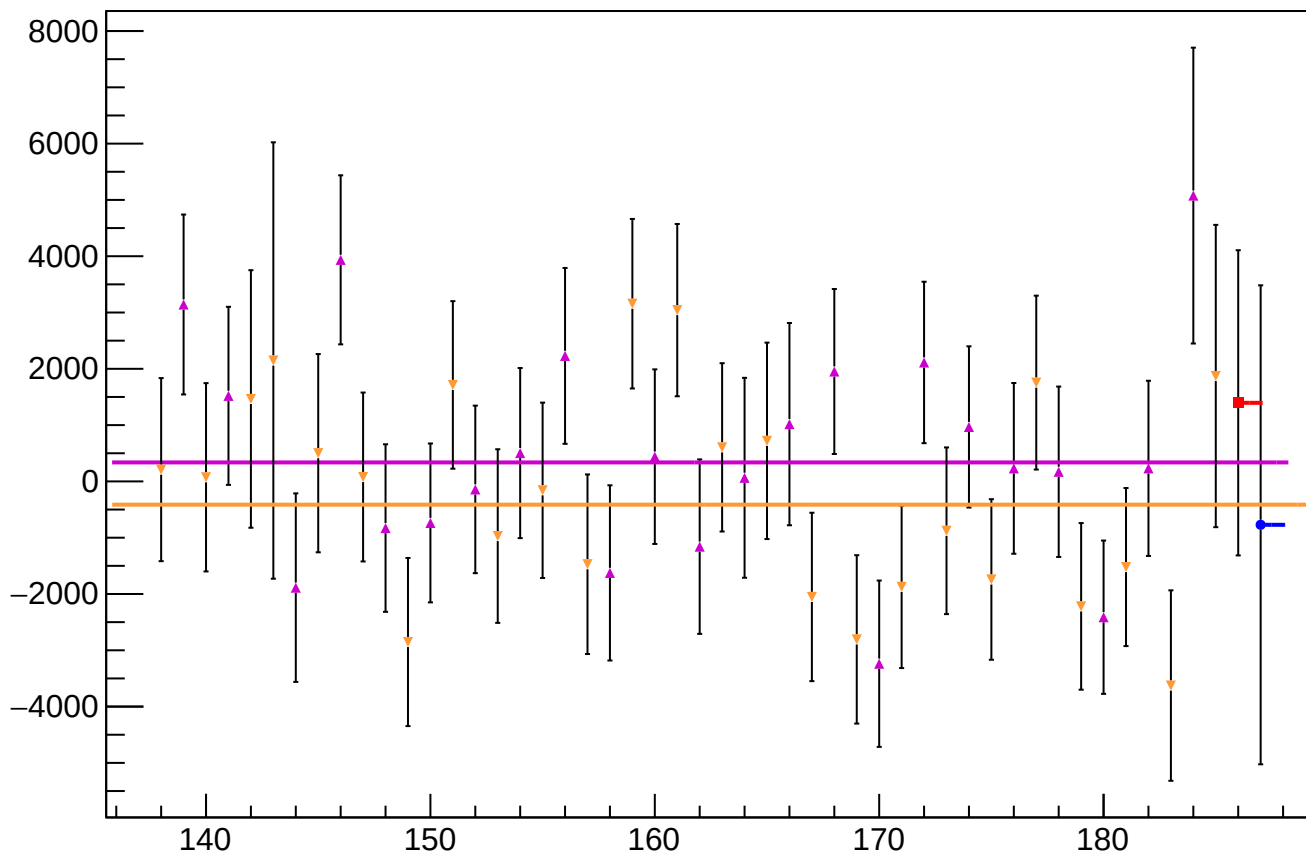
Left In: 359.000+/-0.062 χ^2/NDF : 1858849.9/22

+ sign 358.484+/-0.062 χ^2/NDF : 3170018.8/25

All: 359.704+/-0.044 χ^2/NDF : 5320445.5/49

- sign 360.936+/-0.062 χ^2/NDF : 2149647.5/23

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.055+/-4254.110 χ^2/NDF : 0.0/0

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

Right Out: 1395.825+/-2710.818 χ^2/NDF : 0.0/0

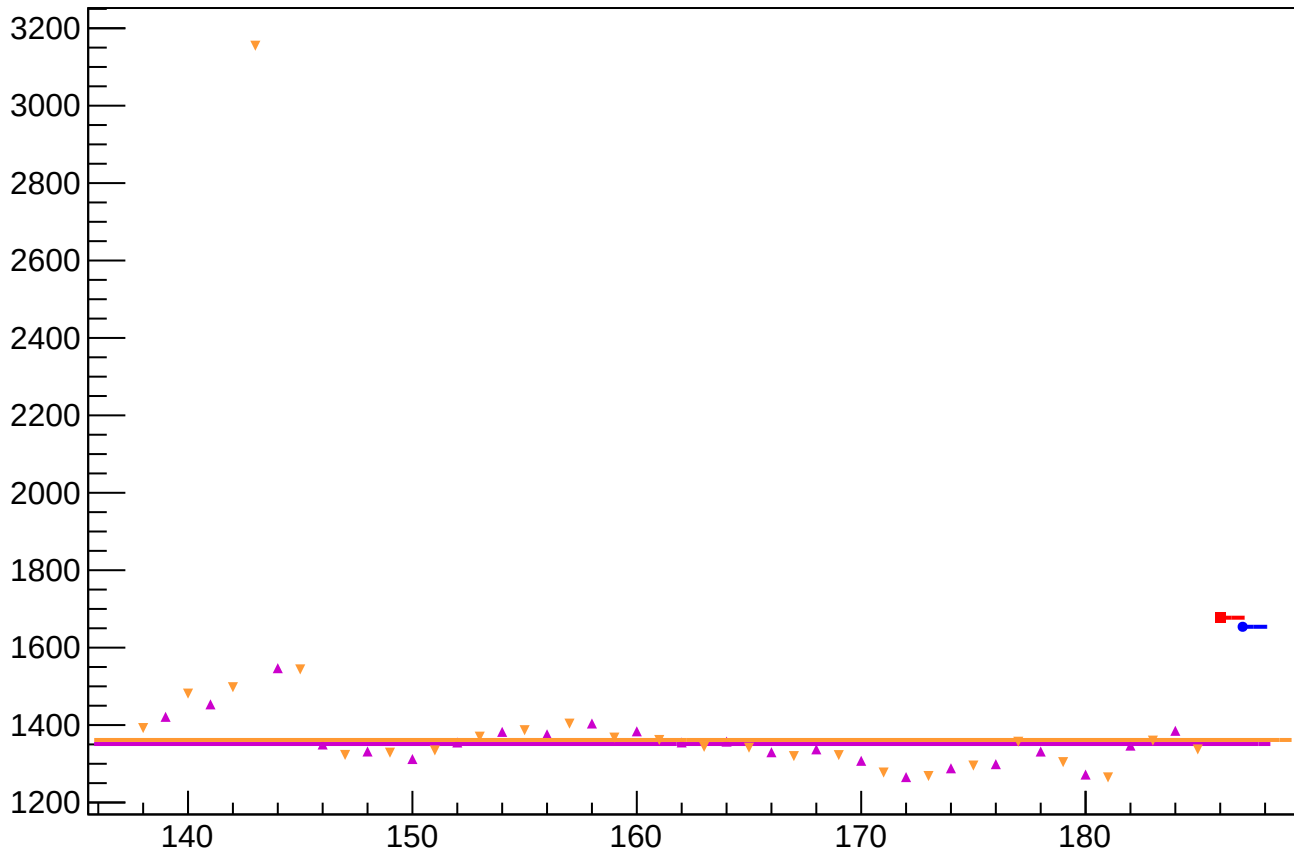
Left In: 337.193+/-323.023 χ^2/NDF : 32.8/22

+ sign -415.428+/-319.770 χ^2/NDF : 32.8/25

All: -32.886+/-226.458 χ^2/NDF : 68.6/49

- sign 352.014+/-320.754 χ^2/NDF : 32.9/23

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1653.880 $\pm$ 3.008 χ^2 /NDF: 0.0/0

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

Right Out: 1677.329 $\pm$ 1.917 χ^2 /NDF: 0.0/0

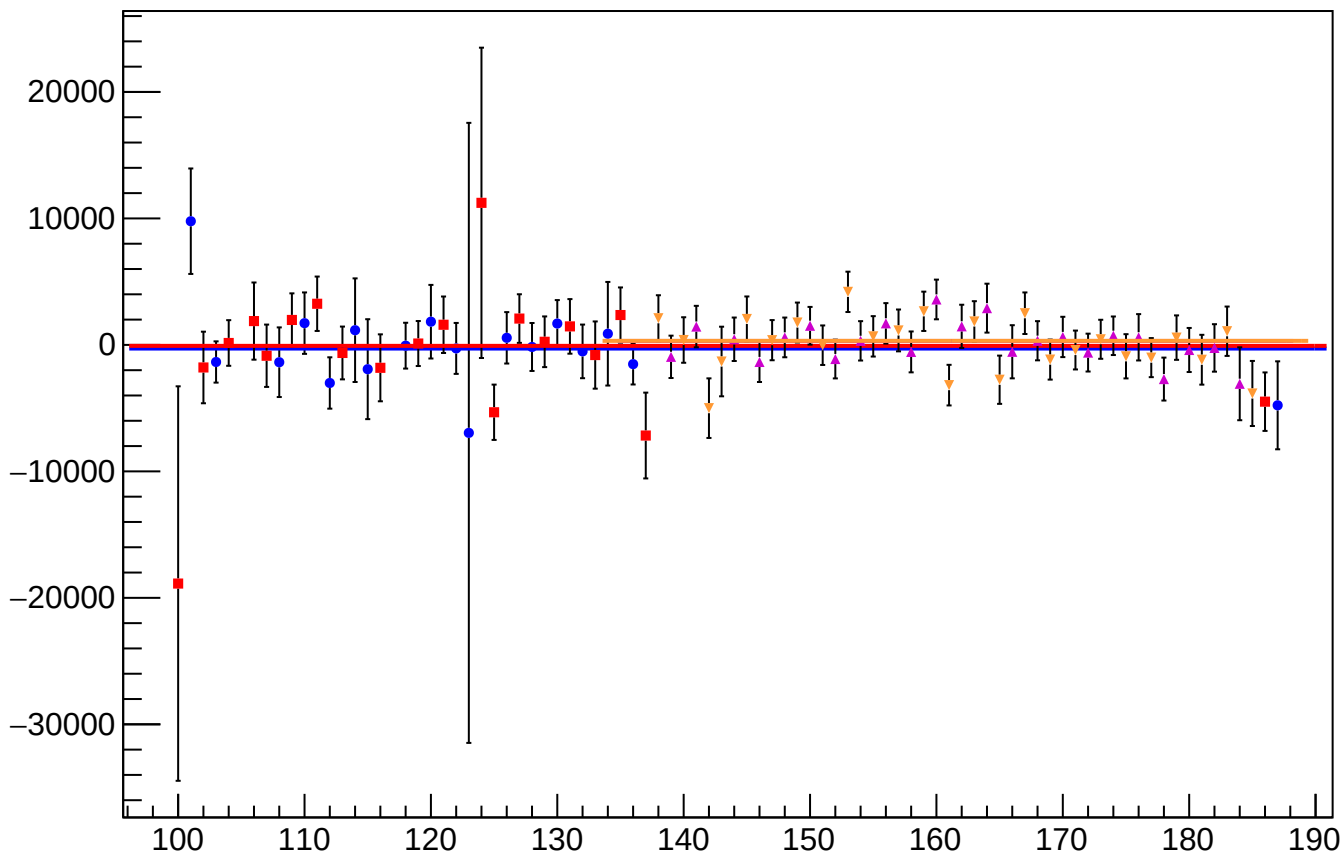
Left In: 1351.012 $\pm$ 0.228 χ^2 /NDF: 68978.1/22

+ sign 1363.162 $\pm$ 0.226 χ^2 /NDF: 517263.1/25

All: 1359.383 $\pm$ 0.160 χ^2 /NDF: 615376.4/49

- sign 1355.581 $\pm$ 0.227 χ^2 /NDF: 97553.0/23

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -288.984 ± 547.736 χ^2/NDF : 13.5/17

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

Right Out: -75.782 ± 525.945 χ^2/NDF : 24.5/19

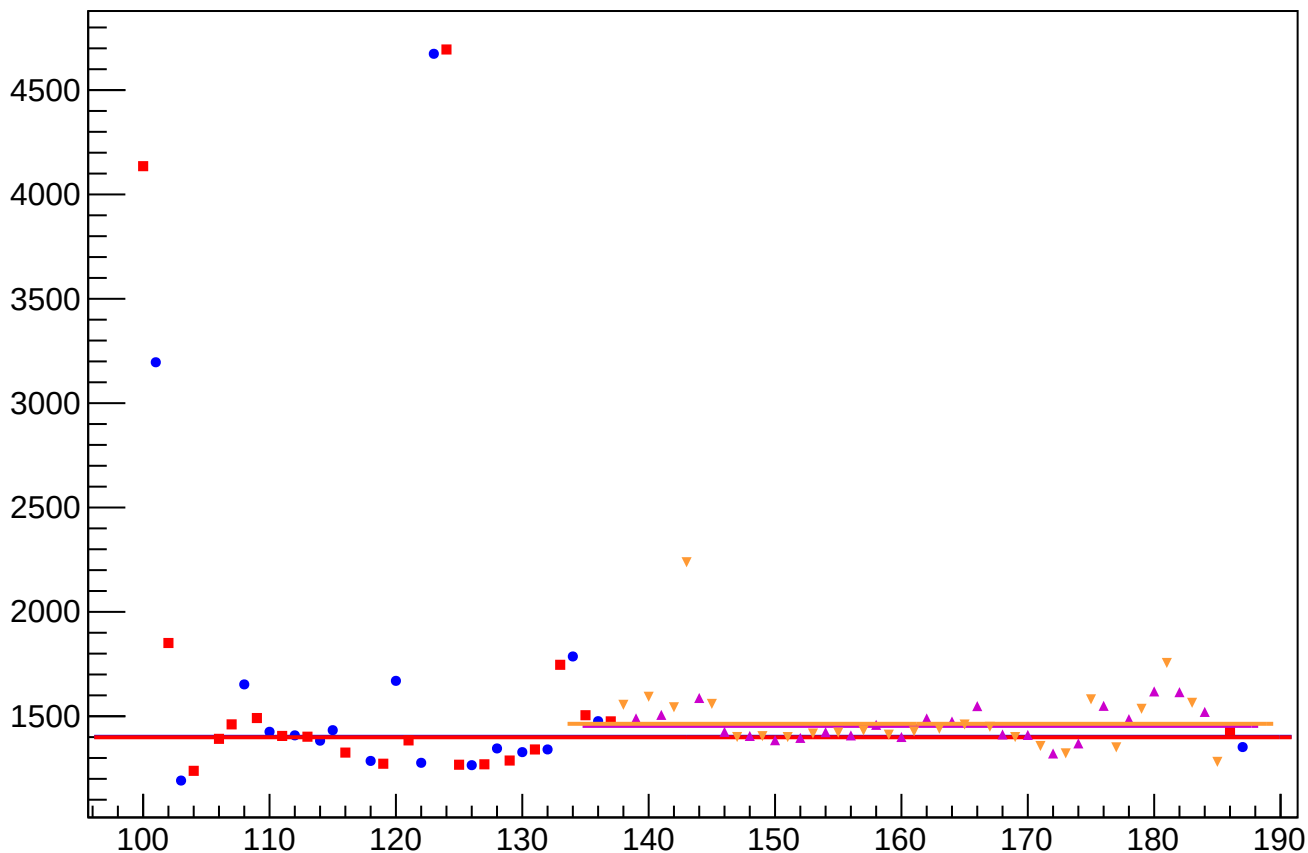
Left In: 310.833 ± 348.292 χ^2/NDF : 16.8/22

+ sign 147.322 ± 291.702 χ^2/NDF : 46.8/42

All: 170.250 ± 205.799 χ^2/NDF : 88.5/85

- sign 192.973 ± 290.391 χ^2/NDF : 41.7/42

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1401.458+/-0.387 χ^2/NDF : 526736.1/17

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

Right Out: 1399.197+/-0.372 χ^2/NDF : 353774.4/19

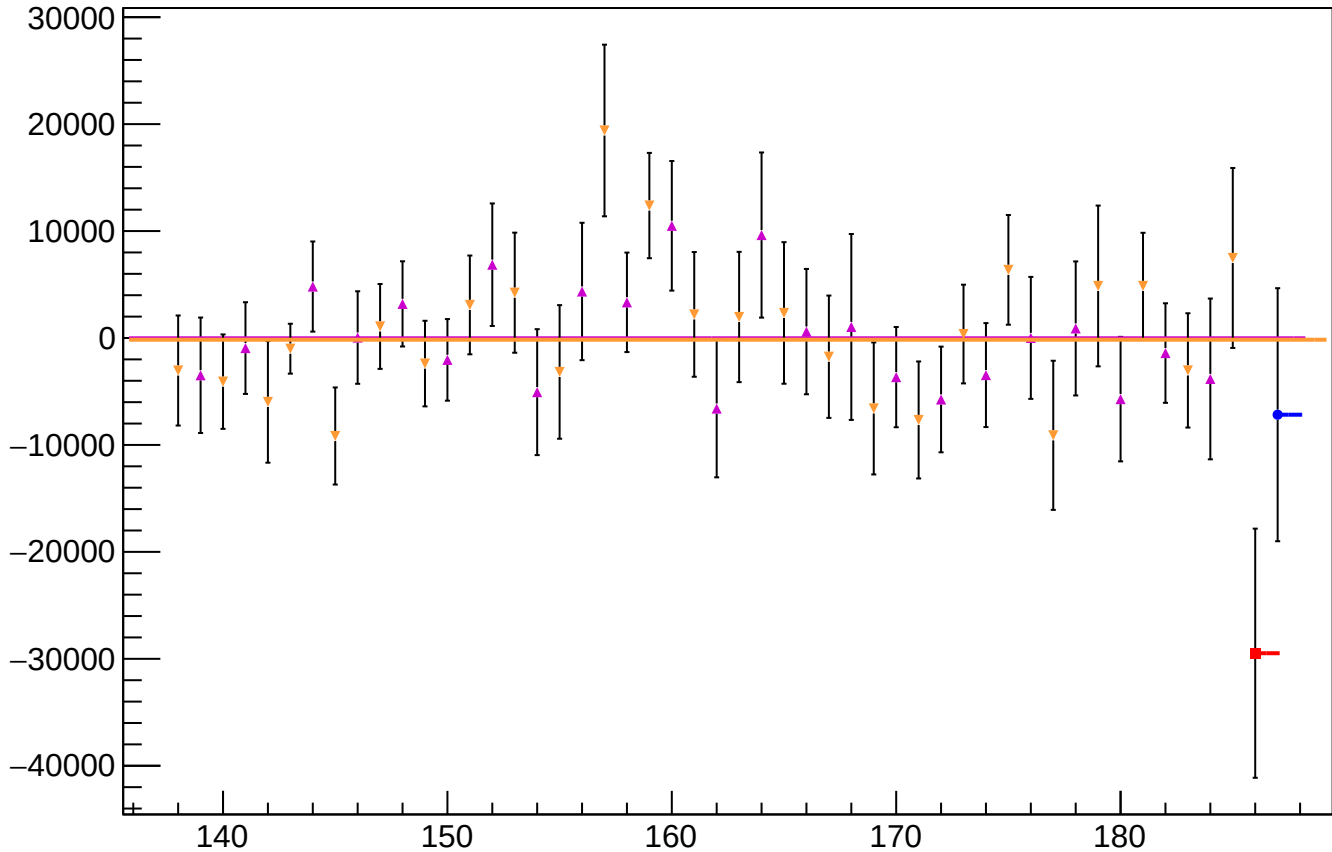
Left In: 1453.763+/-0.246 χ^2/NDF : 99224.2/22

+ sign 1446.057+/-0.206 χ^2/NDF : 855736.5/42

All: 1441.565+/-0.146 χ^2/NDF : 1324655.1/85

- sign 1437.116+/-0.205 χ^2/NDF : 467974.7/42

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -7173.073+/-11830.844 χ^2/NDF : 0.0/0

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

Right Out: -29476.407+/-11648.911 χ^2/NDF : 0.0/0

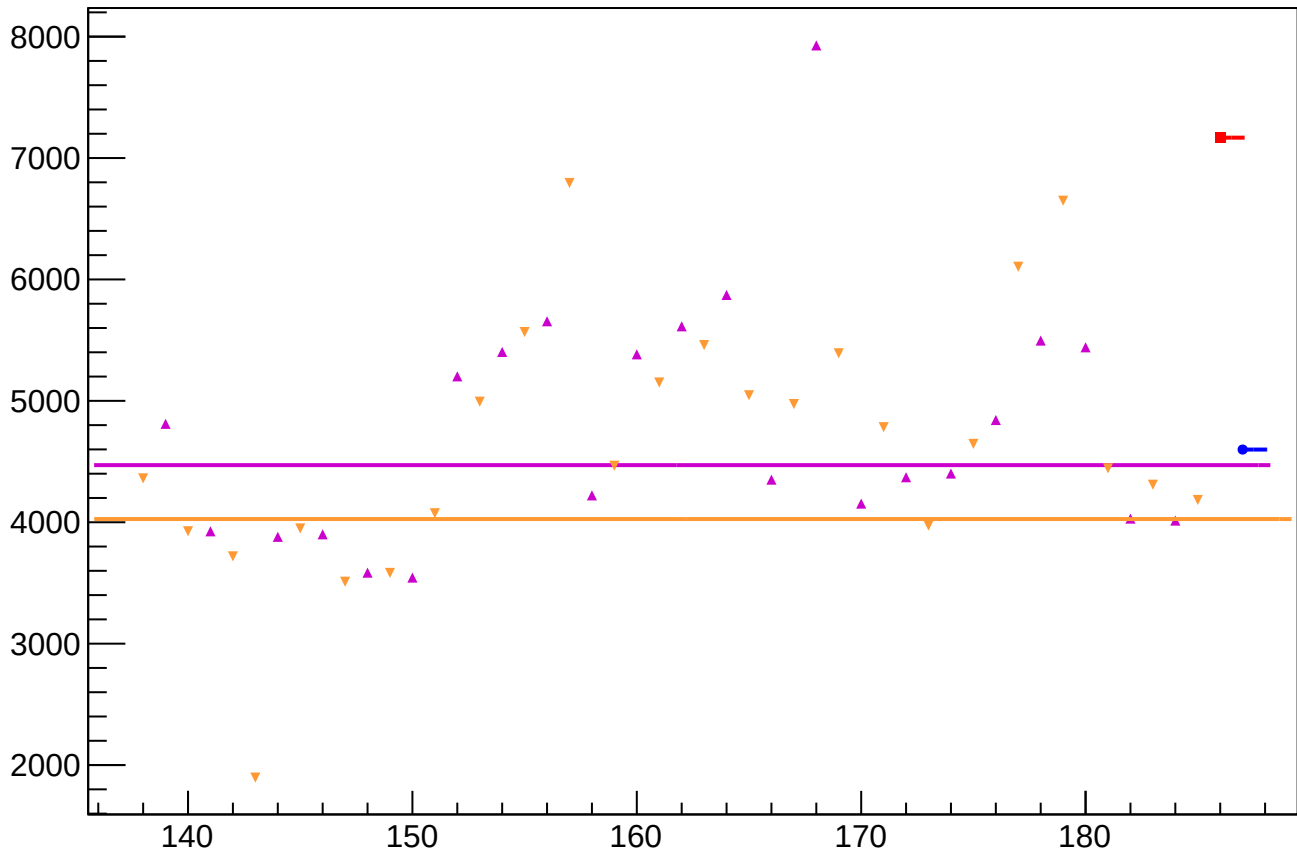
Left In: -26.926+/-1085.415 χ^2/NDF : 15.3/22

+ sign -208.820+/-985.906 χ^2/NDF : 30.1/25

All: -241.335+/-728.363 χ^2/NDF : 51.7/49

- sign -280.406+/-1080.733 χ^2/NDF : 21.6/23

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 4598.824+/-8.366 χ^2/NDF : 0.0/0

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

Right Out: 7167.971+/-8.237 χ^2/NDF : 0.0/0

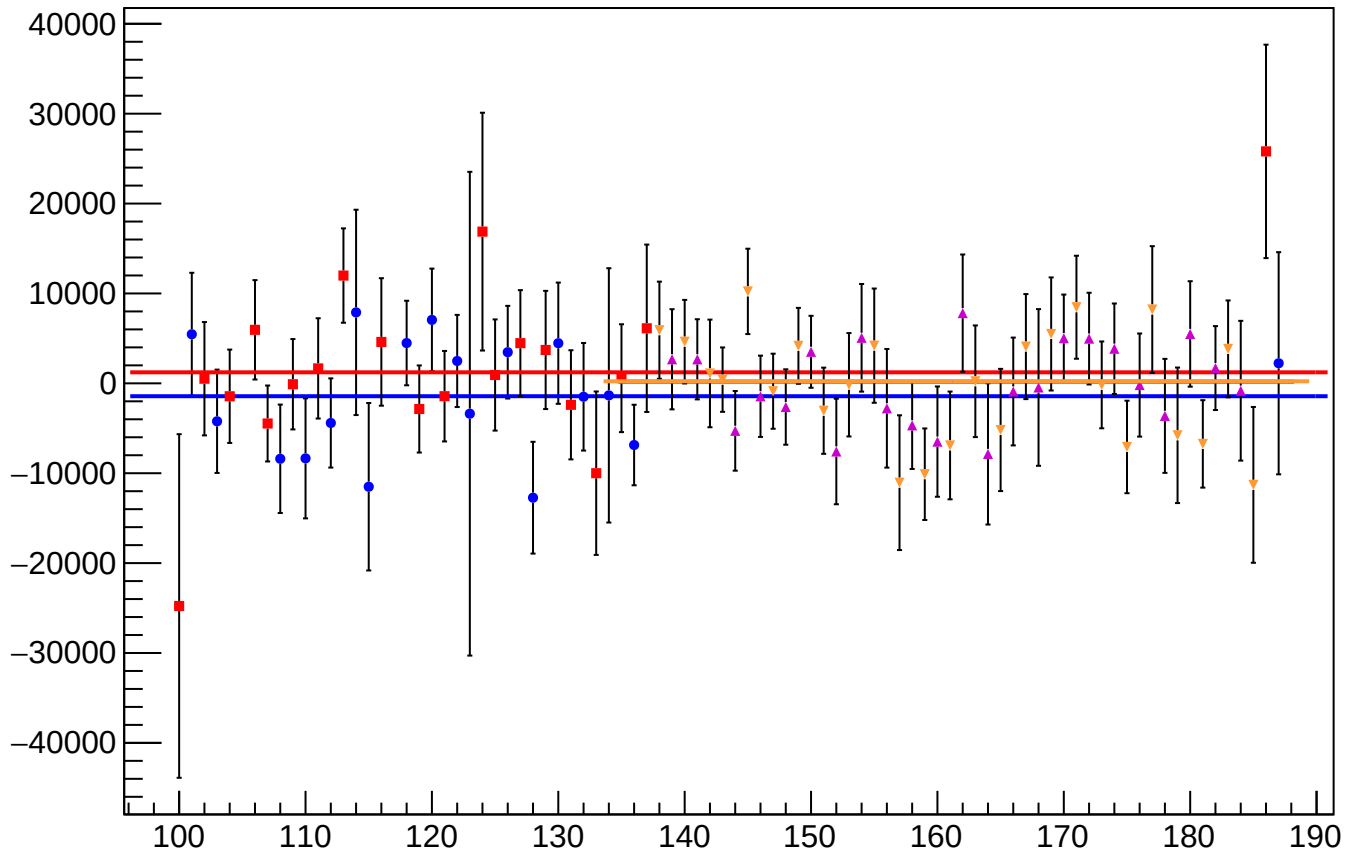
Left In: 4470.490+/-0.768 χ^2/NDF : 1132495.2/22

+ sign 4030.422+/-0.697 χ^2/NDF : 3075913.8/25

All: 4240.852+/-0.515 χ^2/NDF : 4515324.1/49

- sign 4493.708+/-0.764 χ^2/NDF : 1238816.9/23

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1433.076+/-1488.208 χ^2/NDF : 16.8/17

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

Right Out: 1225.698+/-1369.703 χ^2/NDF : 18.5/19

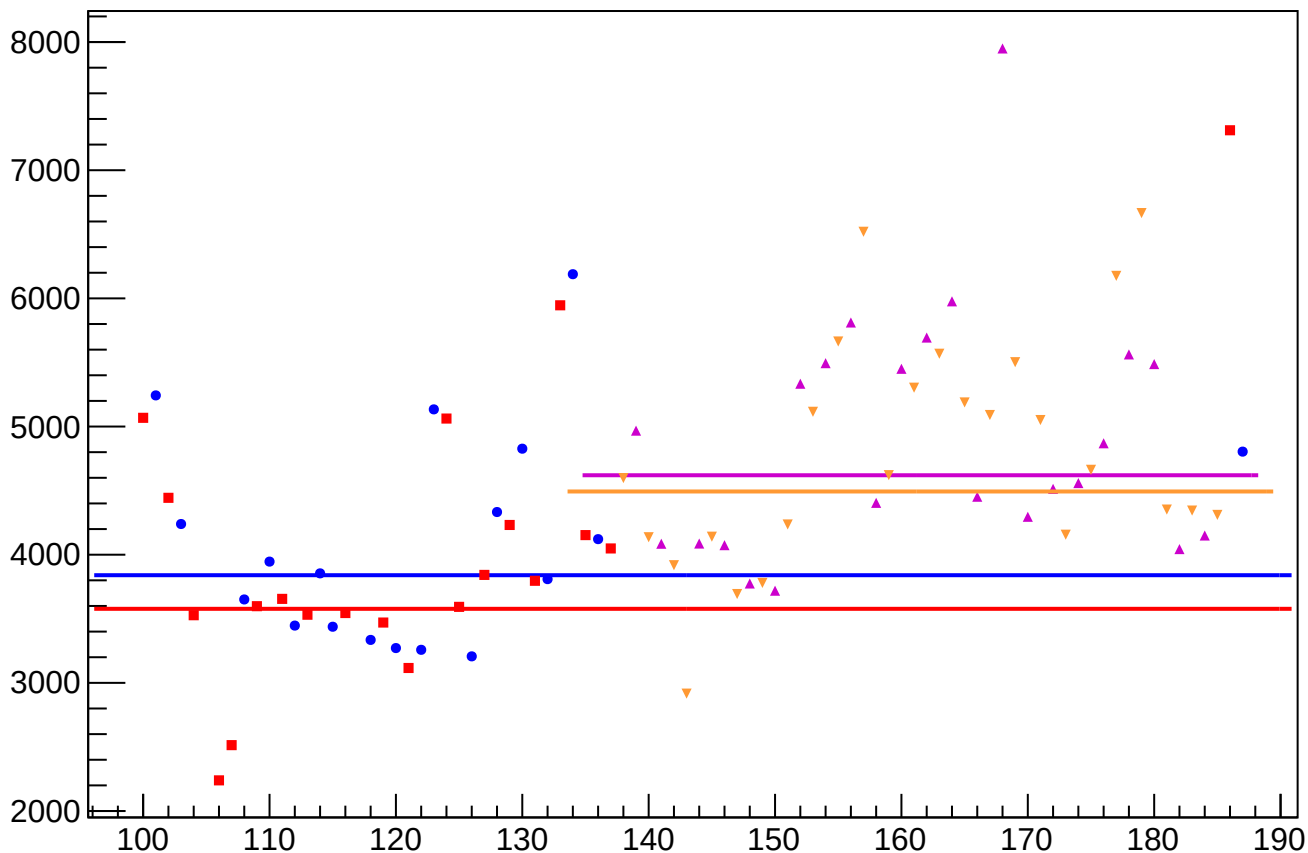
Left In: 185.280+/-1119.296 χ^2/NDF : 14.3/22

+ sign -339.271+/-870.645 χ^2/NDF : 45.7/42

All: 133.428+/-614.244 χ^2/NDF : 79.4/85

- sign 601.866+/-866.712 χ^2/NDF : 33.1/42

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3840.030+/-1.052 χ^2/NDF : 346757.4/17

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

Right Out: 3577.745+/-0.960 χ^2/NDF : 755861.2/19

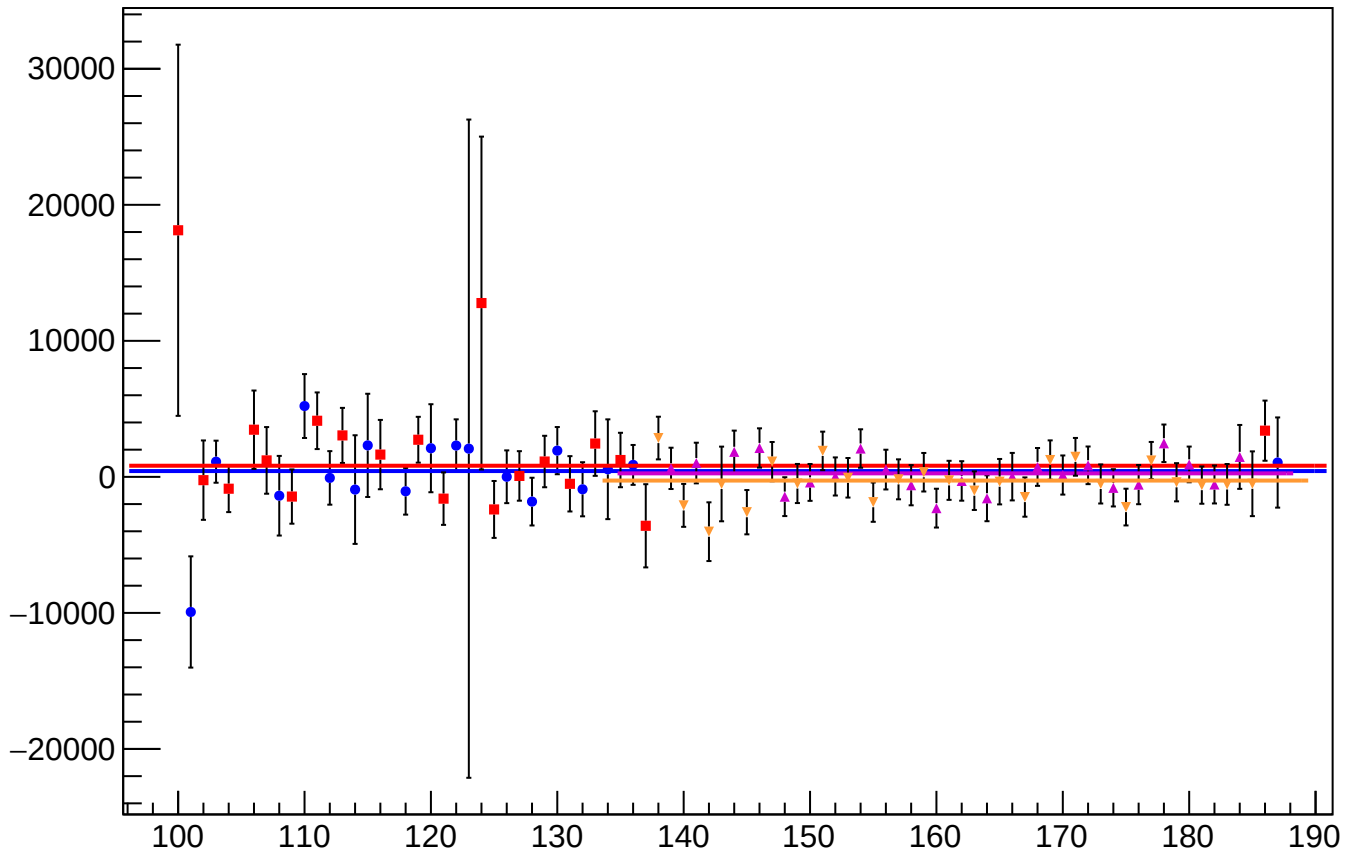
Left In: 4619.952+/-0.791 χ^2/NDF :1001966.3/22

+ sign 4269.714+/-0.616 χ^2/NDF : 1909390.9/42

All: 4233.632+/-0.434 χ^2/NDF : 4375845.5/85

- sign 4198.133+/-0.611 χ^2/NDF : 2459639.8/42

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 427.329 $\pm$ 521.409 χ^2 /NDF: 16.6/17

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

Right Out: 819.448 $\pm$ 497.129 χ^2 /NDF: 19.5/19

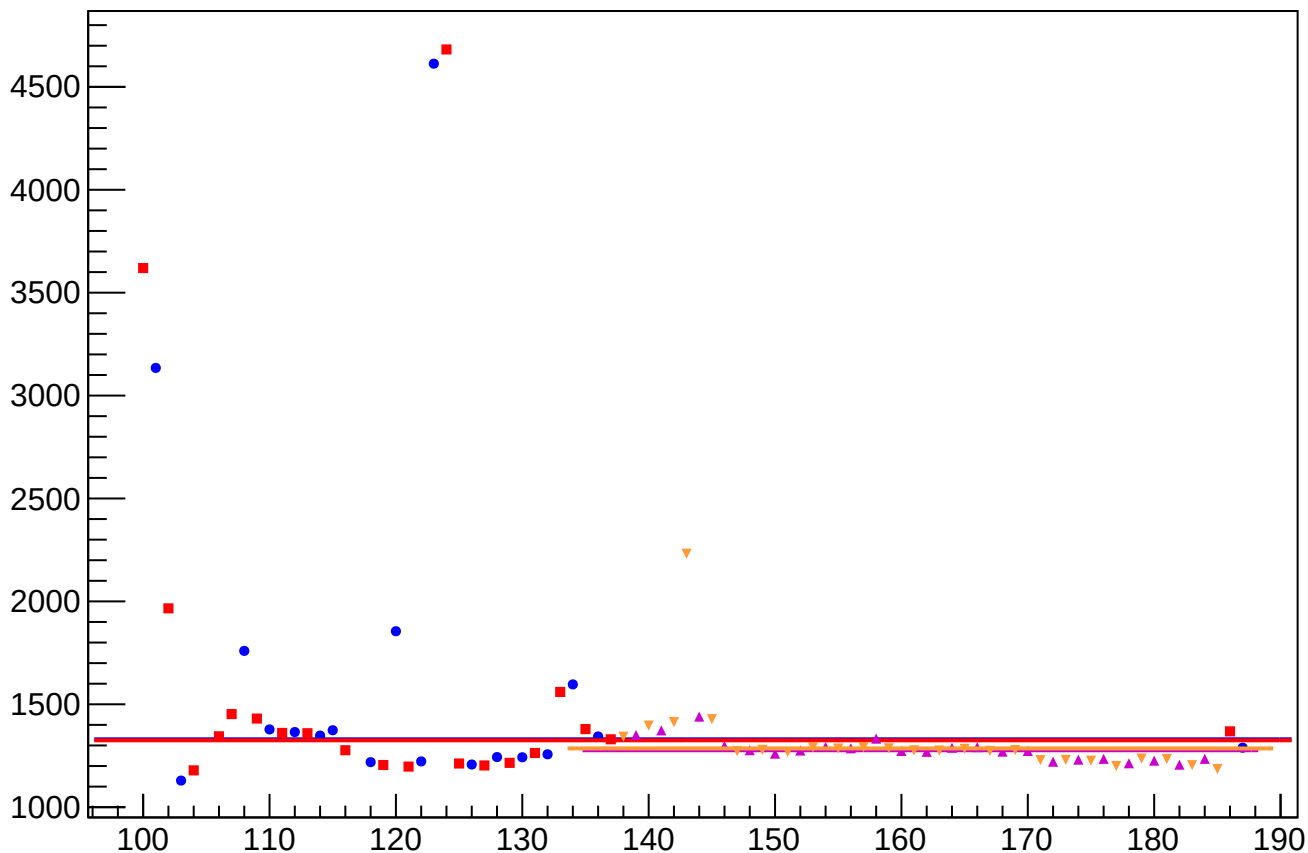
Left In: 258.285 $\pm$ 305.289 χ^2 /NDF:16.0/22

+ sign -95.195 $\pm$ 261.350 χ^2 /NDF: 40.1/42

All: 159.548 $\pm$ 184.377 χ^2 /NDF: 78.4/85

- sign 411.959 $\pm$ 260.151 χ^2 /NDF: 36.4/42

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1329.855+/-0.369 χ^2/NDF : 603784.9/17

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

Right Out: 1325.016+/-0.352 χ^2/NDF : 395224.4/19

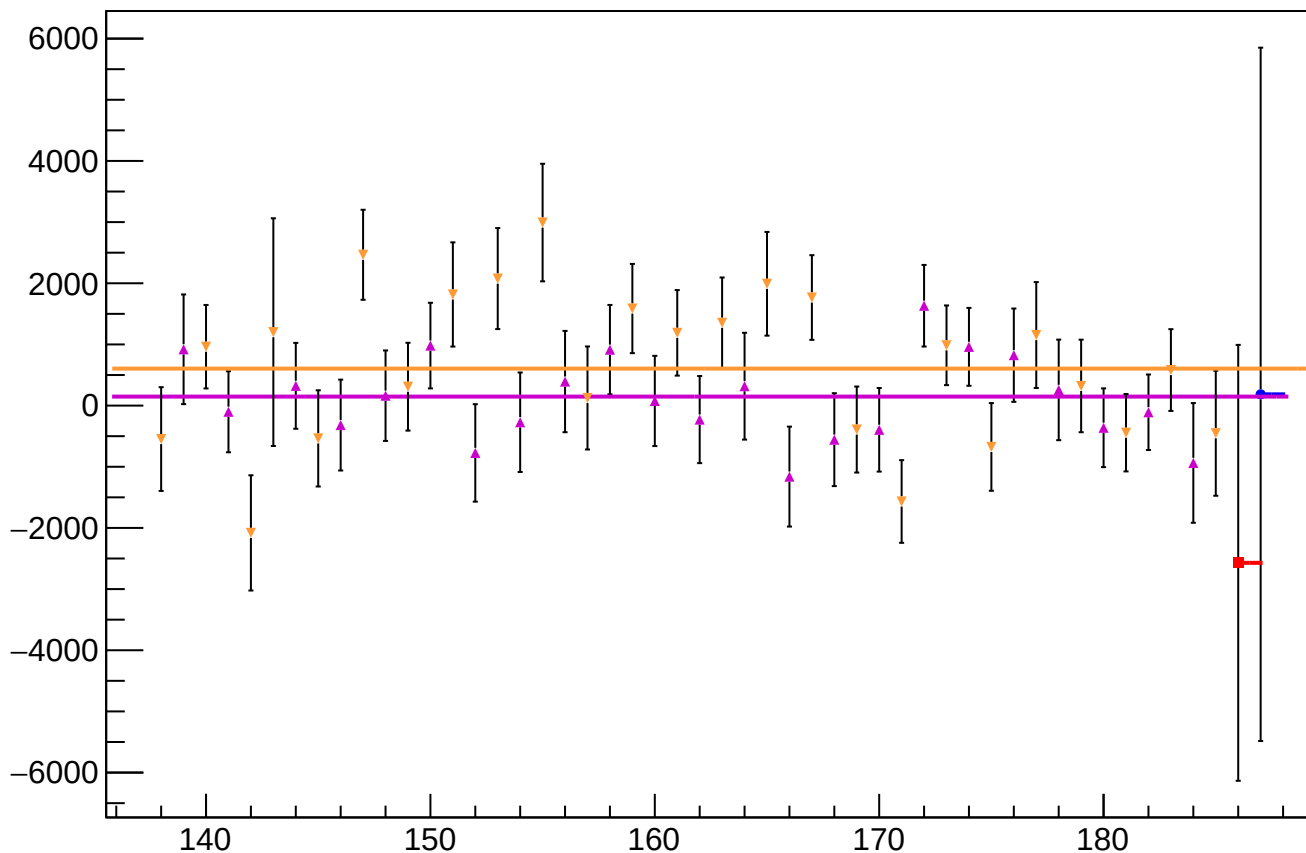
Left In: 1276.755+/-0.216 χ^2/NDF : 59434.2/22

+ sign 1296.699+/-0.185 χ^2/NDF : 920642.9/42

All: 1293.320+/-0.130 χ^2/NDF : 1389654.3/85

- sign 1289.971+/-0.184 χ^2/NDF : 468345.6/42

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 183.825 $\pm$ 5668.087 χ^2 /NDF: 0.0/0

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

Right Out: -2570.869 $\pm$ 3563.568 χ^2 /NDF: 0.0/0

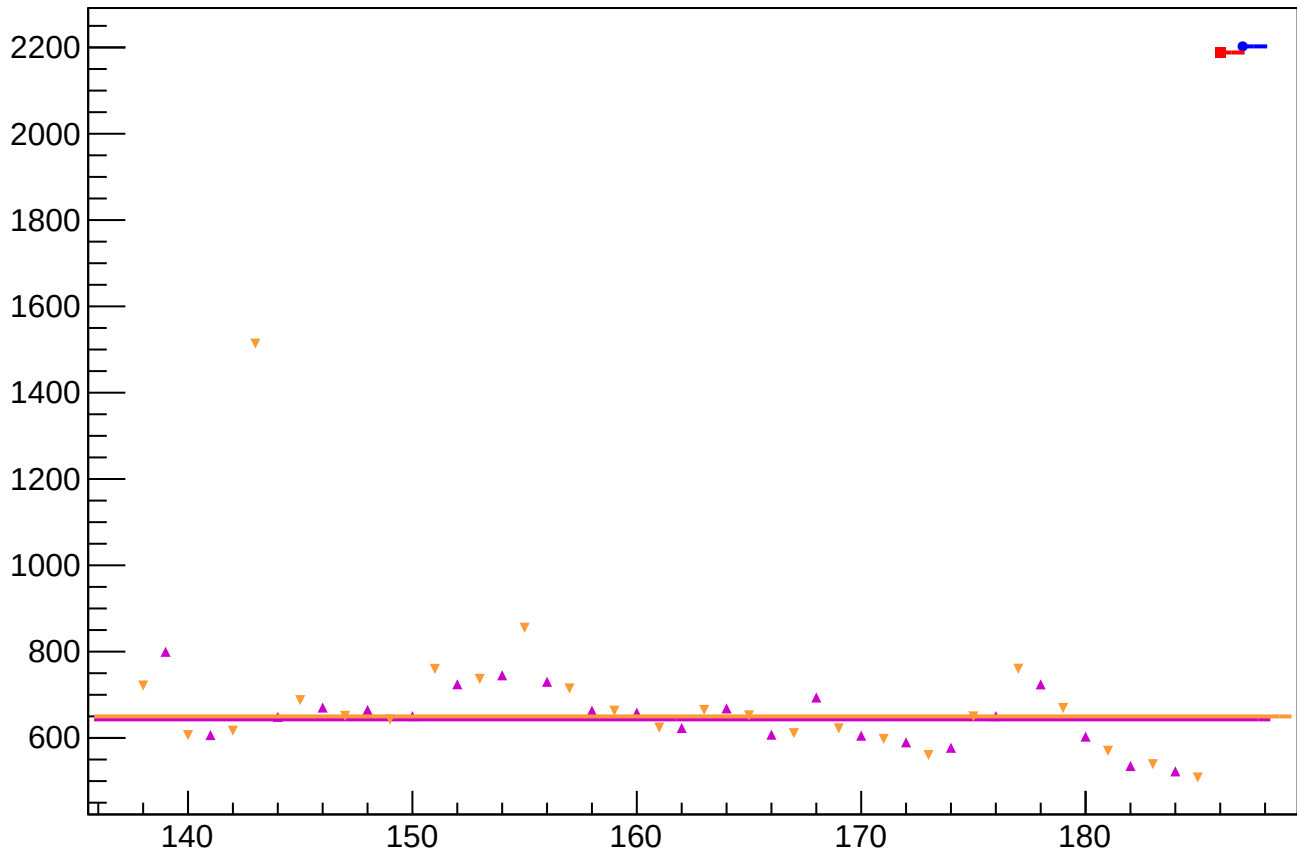
Left In: 147.044 $\pm$ 154.051 χ^2 /NDF: 19.4/22

+ sign 604.856 $\pm$ 153.865 χ^2 /NDF: 60.0/25

All: 373.479 $\pm$ 108.814 χ^2 /NDF: 84.4/49

- sign 141.975 $\pm$ 153.908 χ^2 /NDF: 19.9/23

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 2202.404 $\pm$ 4.008 χ^2 /NDF: 0.0/0

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

Right Out: 2188.242 $\pm$ 2.520 χ^2 /NDF: 0.0/0

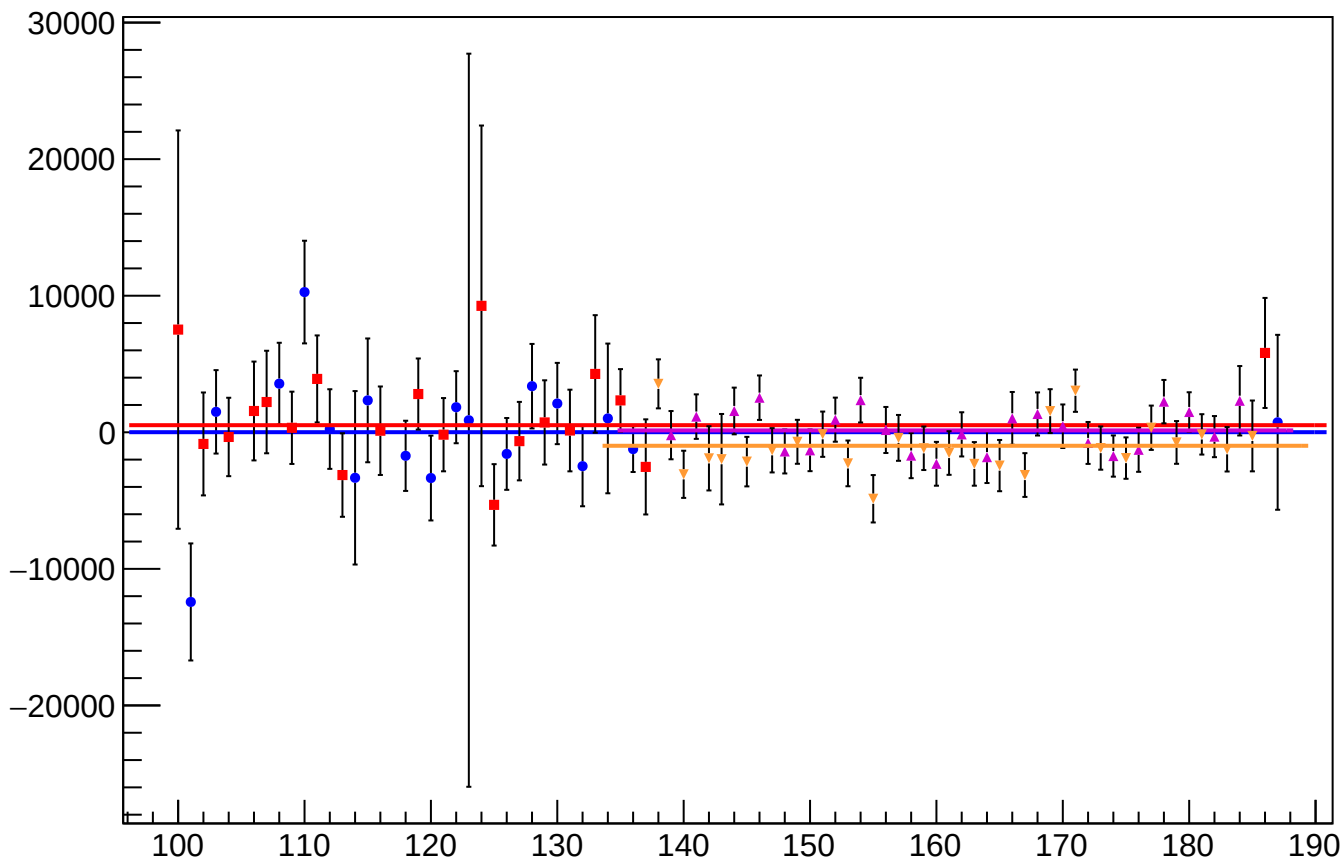
Left In: 643.008 $\pm$ 0.109 χ^2 /NDF:323844.6/22

+ sign 651.010 $\pm$ 0.109 χ^2 /NDF: 990764.8/25

All: 648.451 $\pm$ 0.077 χ^2 /NDF: 1691067.2/49

- sign 645.890 $\pm$ 0.109 χ^2 /NDF: 699195.5/23

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 7.593 ± 740.069 χ^2/NDF : 23.5/17

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

Right Out: 520.548 ± 721.852 χ^2/NDF : 12.5/19

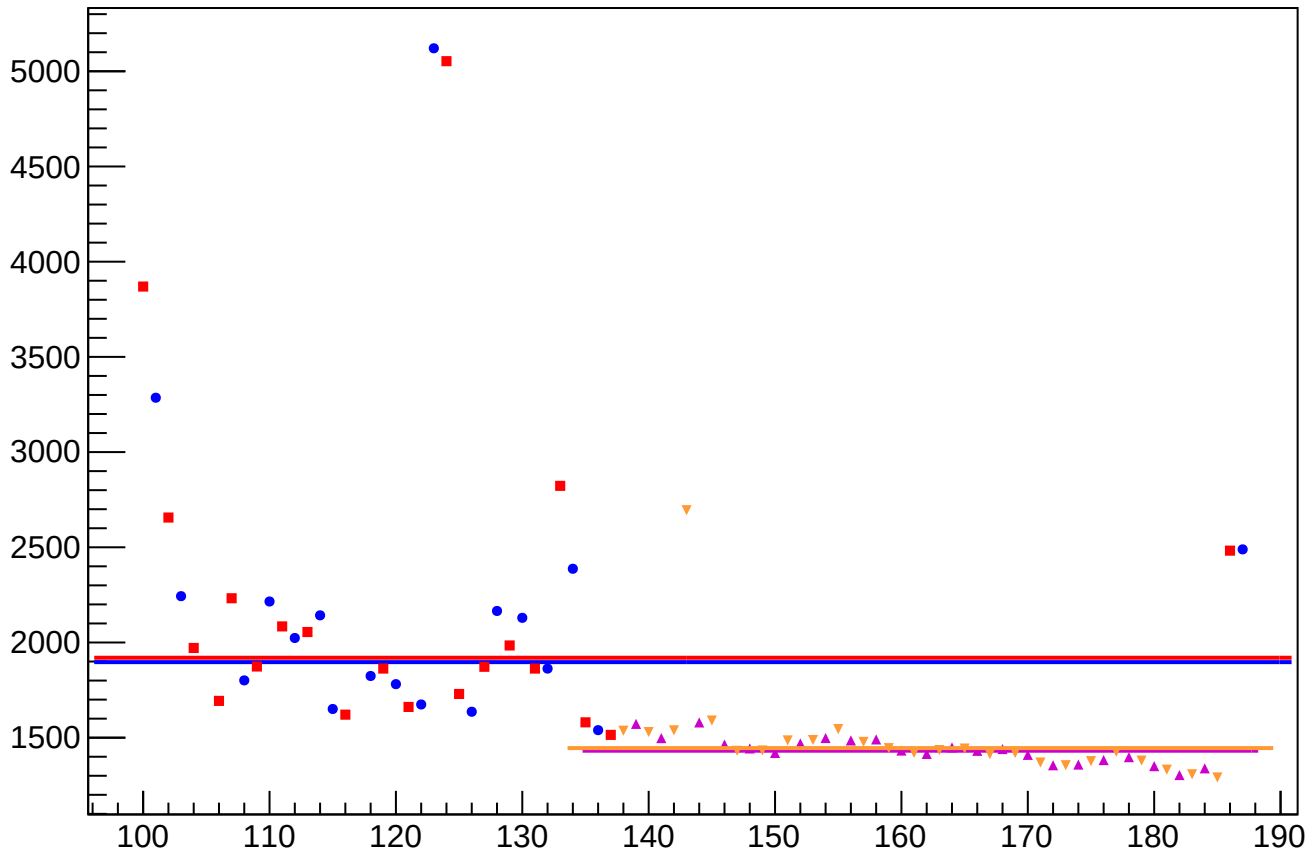
Left In: 137.780 ± 342.262 χ^2/NDF : 18.8/22

+ sign -814.071 ± 308.773 χ^2/NDF : 53.5/42

All: -303.824 ± 218.507 χ^2/NDF : 90.5/85

- sign 208.036 ± 309.260 χ^2/NDF : 31.5/42

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1896.827 $\pm$ 0.523 χ^2 /NDF: 483180.2/17

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

Right Out: 1919.901 $\pm$ 0.510 χ^2 /NDF: 501697.6/19

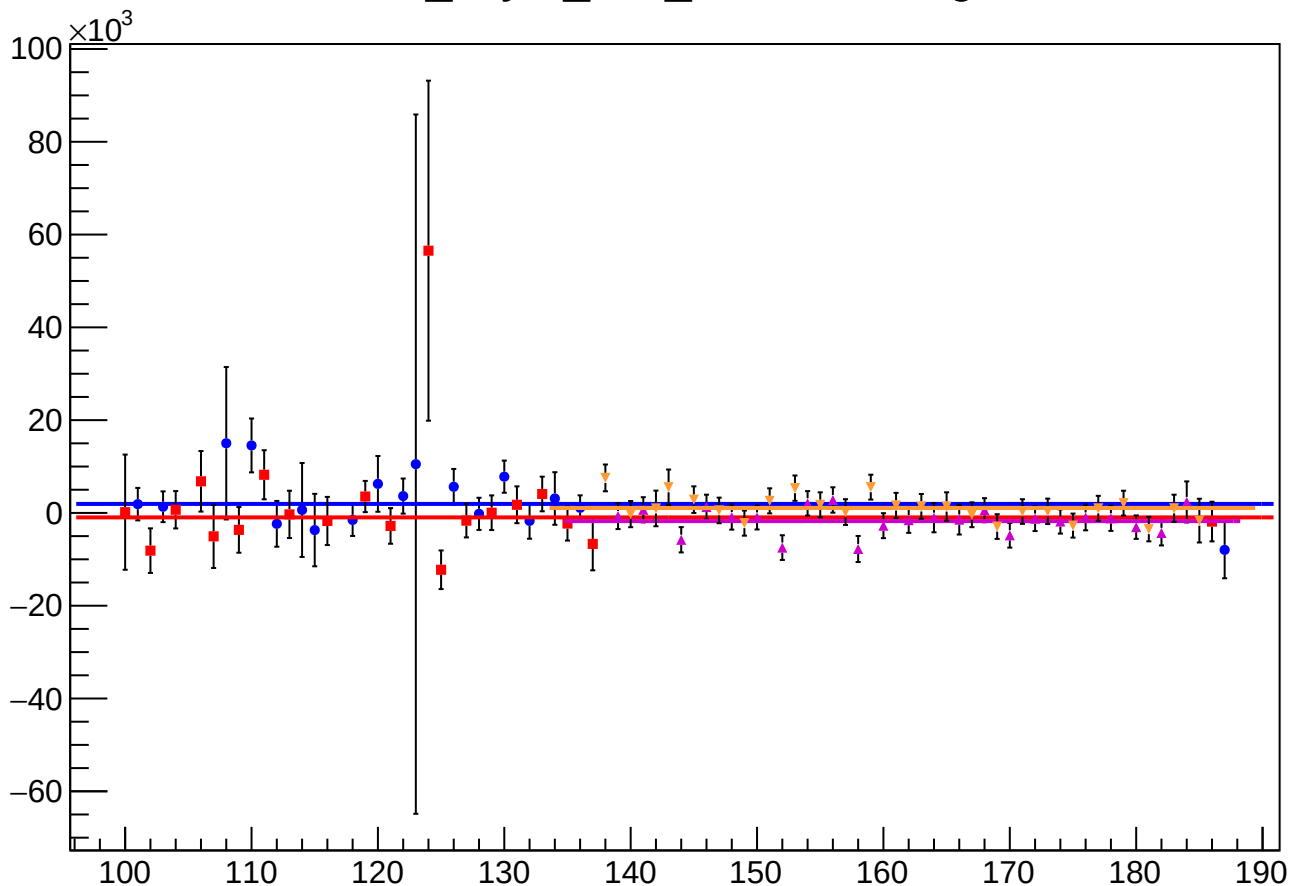
Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

+ sign 1523.997 $\pm$ 0.218 χ^2 /NDF: 1472610.8/42

All: 1522.641 $\pm$ 0.155 χ^2 /NDF: 2799206.2/85

- sign 1521.280 $\pm$ 0.219 χ^2 /NDF: 1326518.1/42

dit_asym_atl1_mean vs Slug



Right In: 1941.681 $\pm$ 1024.615 χ^2 /NDF: 16.3/17

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

Right Out: -961.826 $\pm$ 1016.804 χ^2 /NDF: 22.9/19

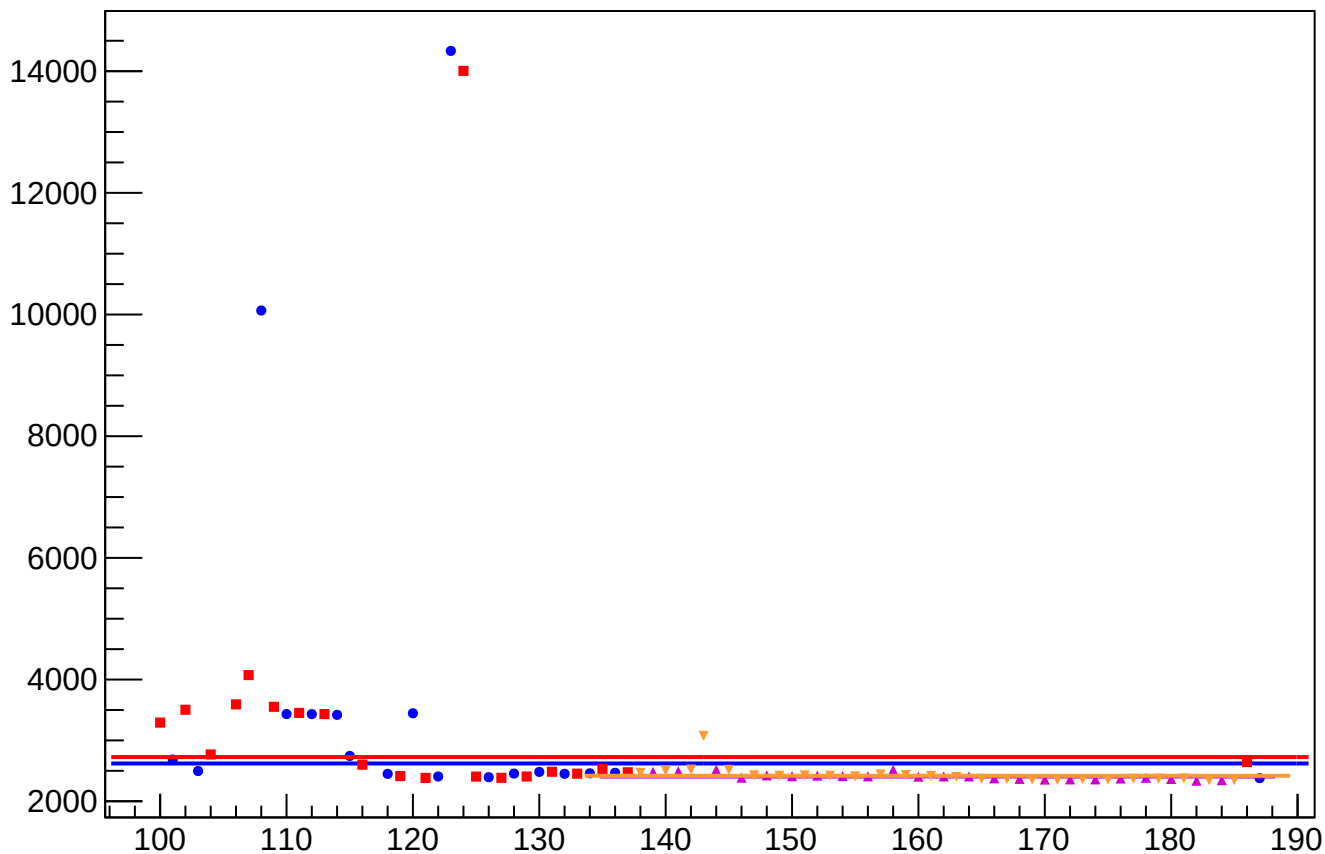
Left In: -1762.122 $\pm$ 574.660 χ^2 /NDF:23.2/22

+ sign 1264.189 $\pm$ 495.598 χ^2 /NDF: 39.5/42

All: -138.753 $\pm$ 352.087 χ^2 /NDF: 102.3/85

- sign -1568.382 $\pm$ 500.289 χ^2 /NDF: 46.7/42

dit_asym_atl1_rms vs Slug



Right In: 2620.613+/-0.725 χ^2/NDF : 647593.7/17

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

Right Out: 2726.373+/-0.719 χ^2/NDF : 598980.5/19

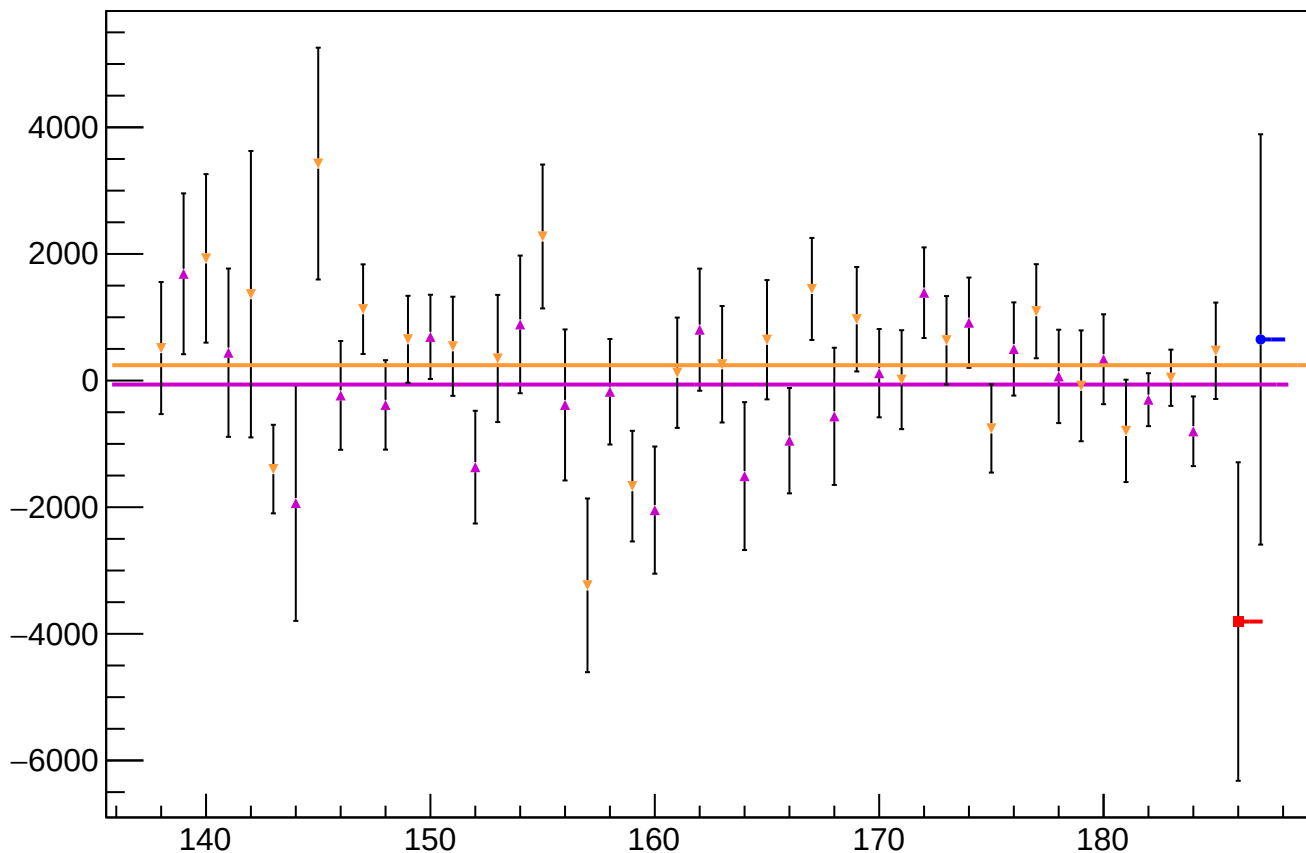
Left In: 2406.443+/-0.406 χ^2/NDF : 15245.2/22

+ sign 2466.147+/-0.350 χ^2/NDF : 781709.0/42

All: 2474.937+/-0.249 χ^2/NDF : 1547272.0/85

- sign 2483.893+/-0.354 χ^2/NDF : 764293.0/42

asym_atl1_correction_mean vs Slug



Right In: 649.589+/-3240.468 χ^2/NDF : 0.0/0

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

Right Out: -3805.972+/-2515.196 χ^2/NDF : 0.0/0

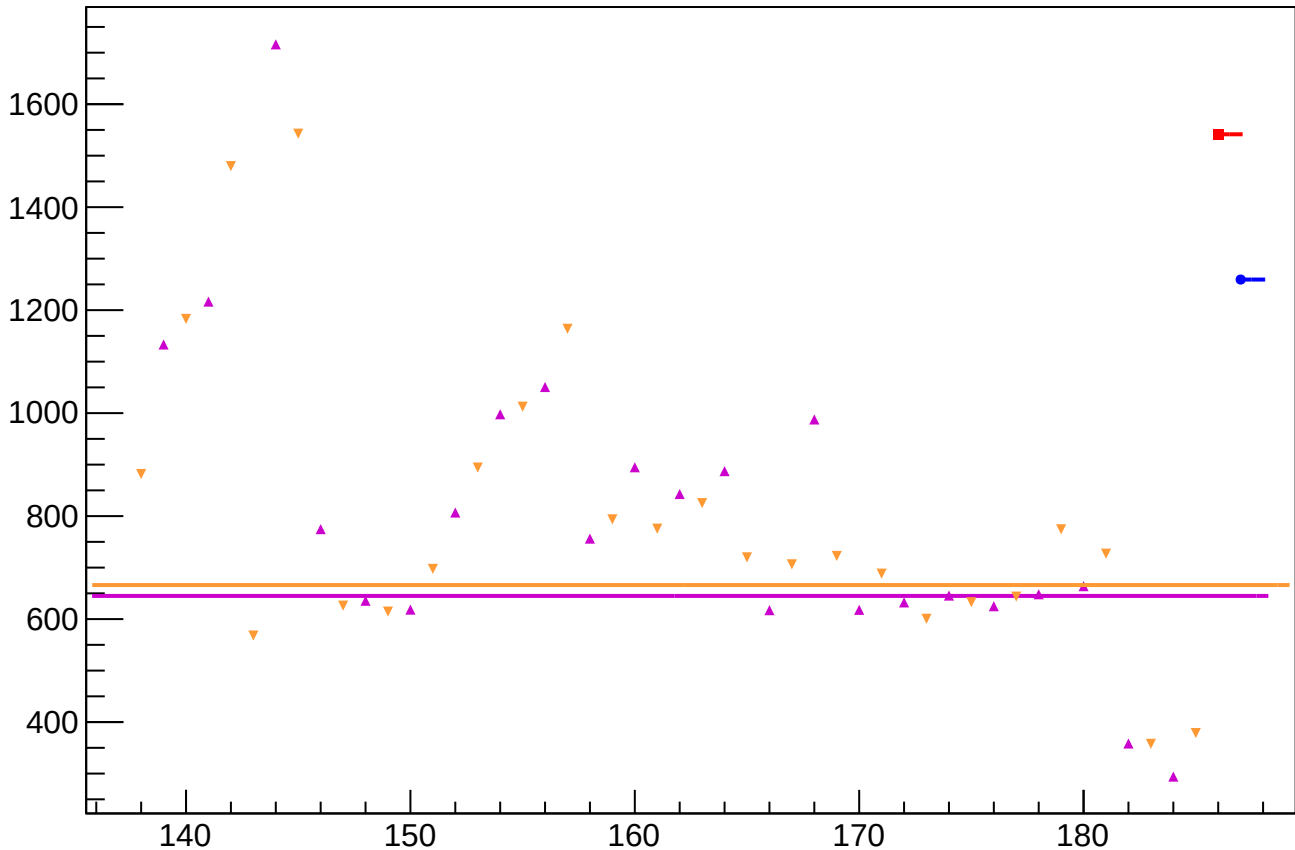
Left In: -62.569+/-164.169 χ^2/NDF :24.3/22

+ sign 244.173+/-163.731 χ^2/NDF : 36.0/25

All: 82.950+/-115.807 χ^2/NDF : 64.4/49

- sign -78.450+/-163.820 χ^2/NDF : 26.5/23

asym_atl1_correction_rms vs Slug



Right In: 1259.423+/-2.291 χ^2 /NDF: 0.0/0

Left Out: 666.133+/-0.116 χ^2 /NDF:3190574.7/24

Right Out: 1541.519+/-1.779 χ^2 /NDF: 0.0/0

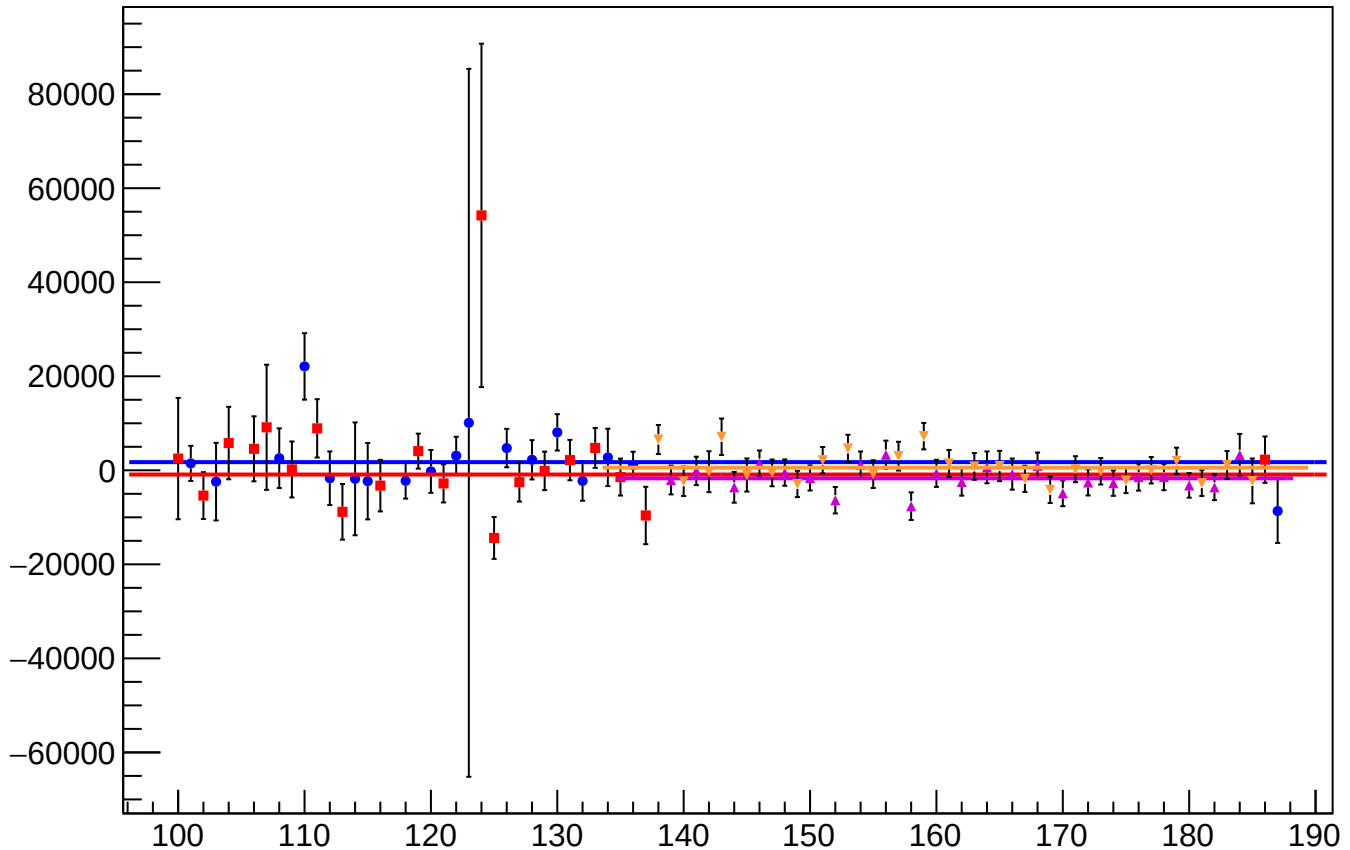
Left In: 645.011+/-0.116 χ^2 /NDF:4176295.6/22

+ sign 667.648+/-0.116 χ^2 /NDF: 3257445.7/25

All: 658.236+/-0.082 χ^2 /NDF: 7699980.4/49

- sign 648.815+/-0.116 χ^2 /NDF: 4429311.4/23

asym_atl1_mean vs Slug



Right In: 1737.838 $\pm$ 1135.169 χ^2 /NDF: 17.3/17

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

Right Out: -896.536 $\pm$ 1153.661 χ^2 /NDF: 25.8/19

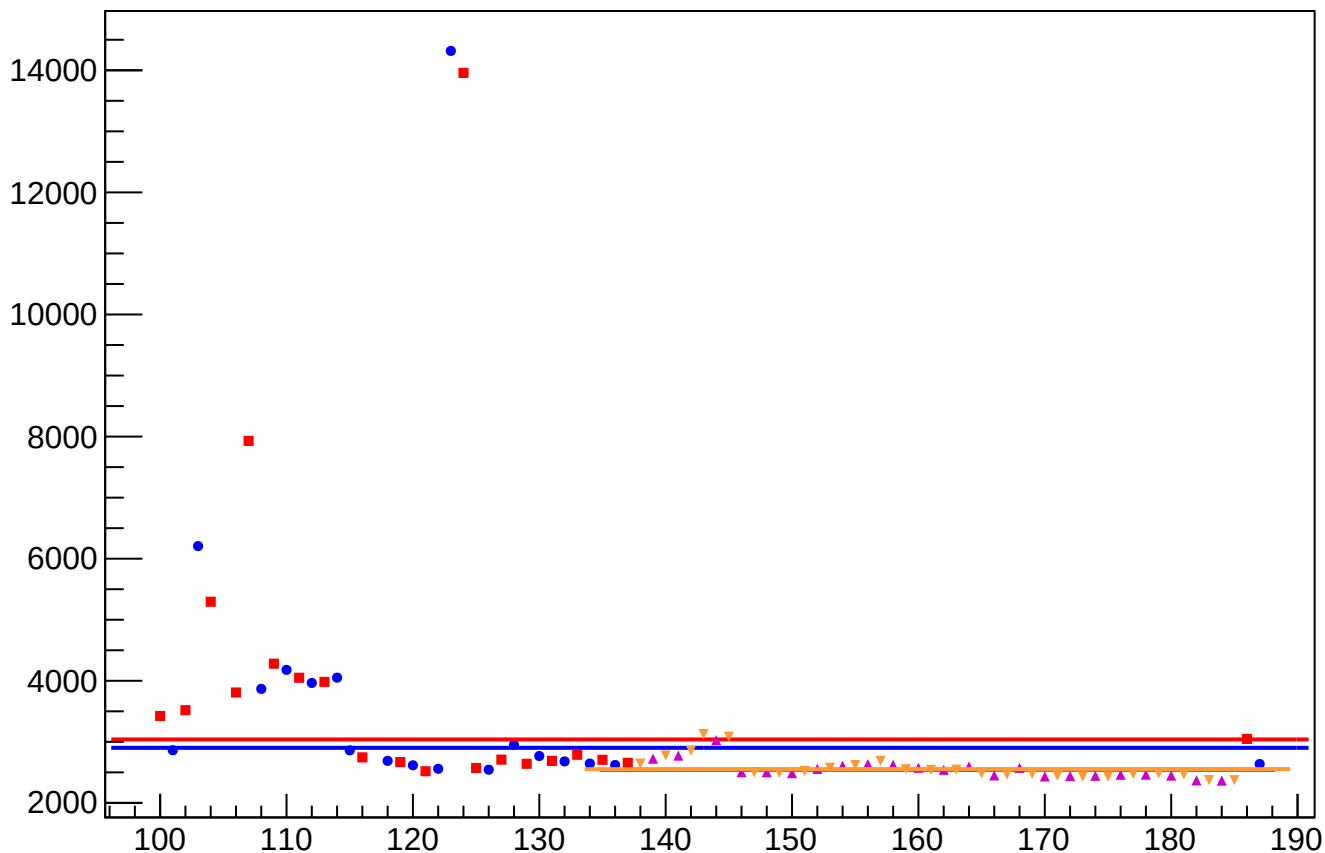
Left In: -1713.317 $\pm$ 607.775 χ^2 /NDF: 18.1/22

+ sign 821.371 $\pm$ 529.290 χ^2 /NDF: 43.3/42

All: -338.631 $\pm$ 377.209 χ^2 /NDF: 97.2/85

- sign -1535.874 $\pm$ 537.719 χ^2 /NDF: 44.2/42

asym_atl1_rms vs Slug



Right In: 2902.076+/-0.803 χ^2/NDF : 645049.9/17

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

Right Out: 3039.572+/-0.816 χ^2/NDF : 1011311.9/19

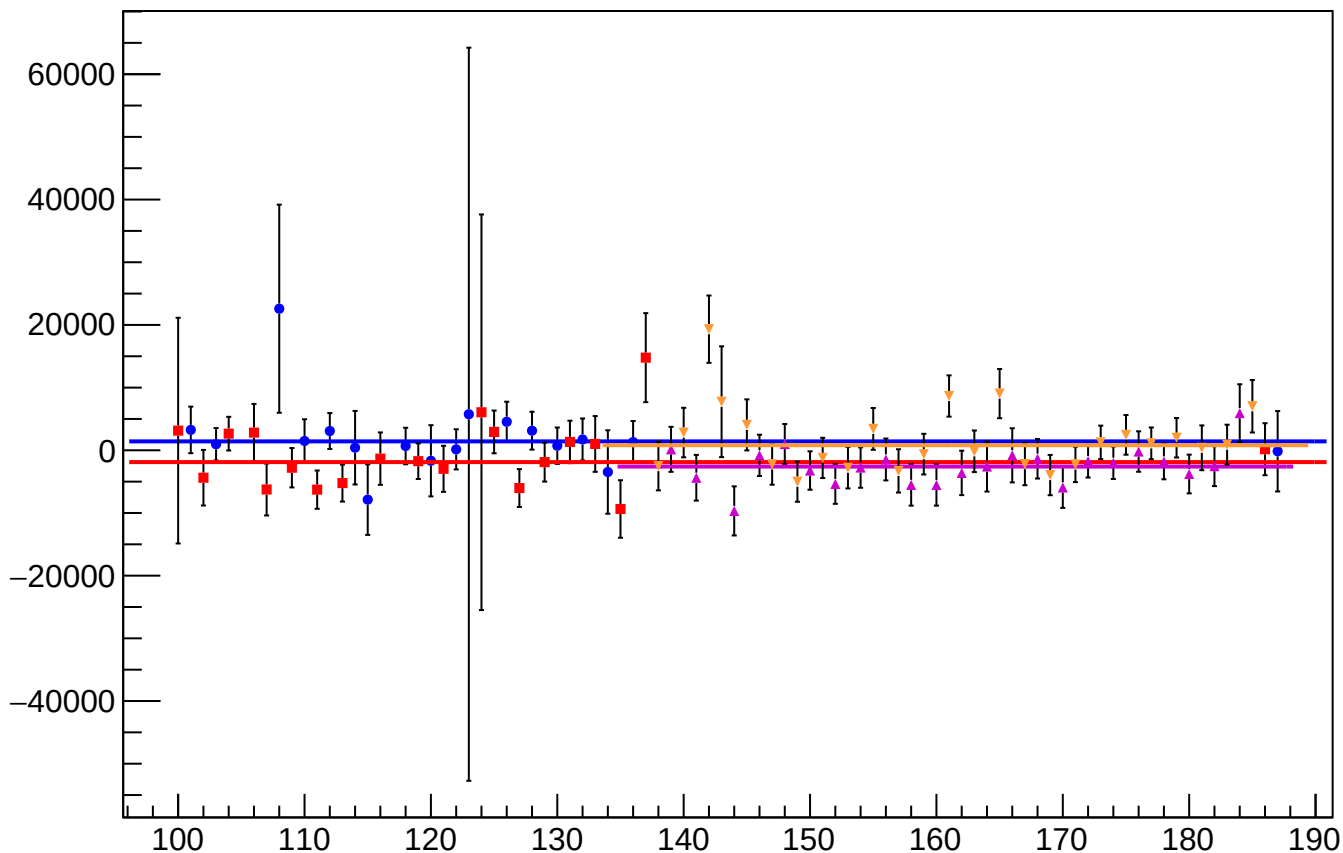
Left In: 2541.950+/-0.430 χ^2/NDF : 97238.4/22

+ sign 2628.966+/-0.374 χ^2/NDF : 941407.1/42

All: 2639.345+/-0.267 χ^2/NDF : 2342791.4/85

- sign 2650.057+/-0.380 χ^2/NDF : 1399821.5/42

dit_asym_atl2_mean vs Slug



Right In: 1421.698 $\pm$ 880.590 χ^2 /NDF: 7.5/17

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

Right Out: -1882.788 $\pm$ 833.148 χ^2 /NDF: 22.6/19

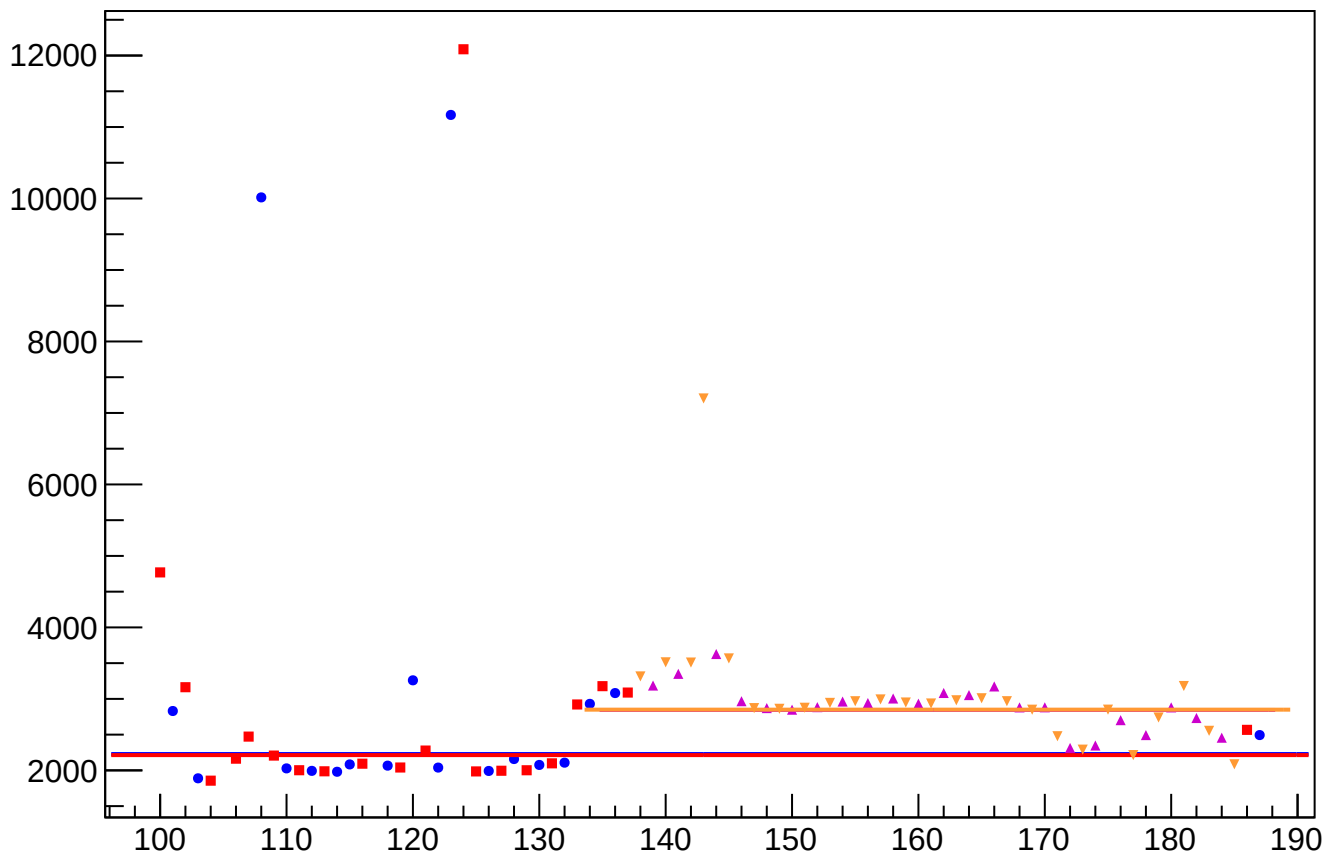
Left In: -2595.551 $\pm$ 683.824 χ^2 /NDF:14.0/22

+ sign 1035.757 $\pm$ 536.973 χ^2 /NDF: 46.9/42

All: -662.793 $\pm$ 376.695 χ^2 /NDF: 103.7/85

- sign -2308.657 $\pm$ 528.579 χ^2 /NDF: 37.1/42

dit_asym_atl2_rms vs Slug



Right In: 2228.236+/-0.623 χ^2/NDF : 853787.3/17

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

Right Out: 2213.598+/-0.589 χ^2/NDF : 617541.4/19

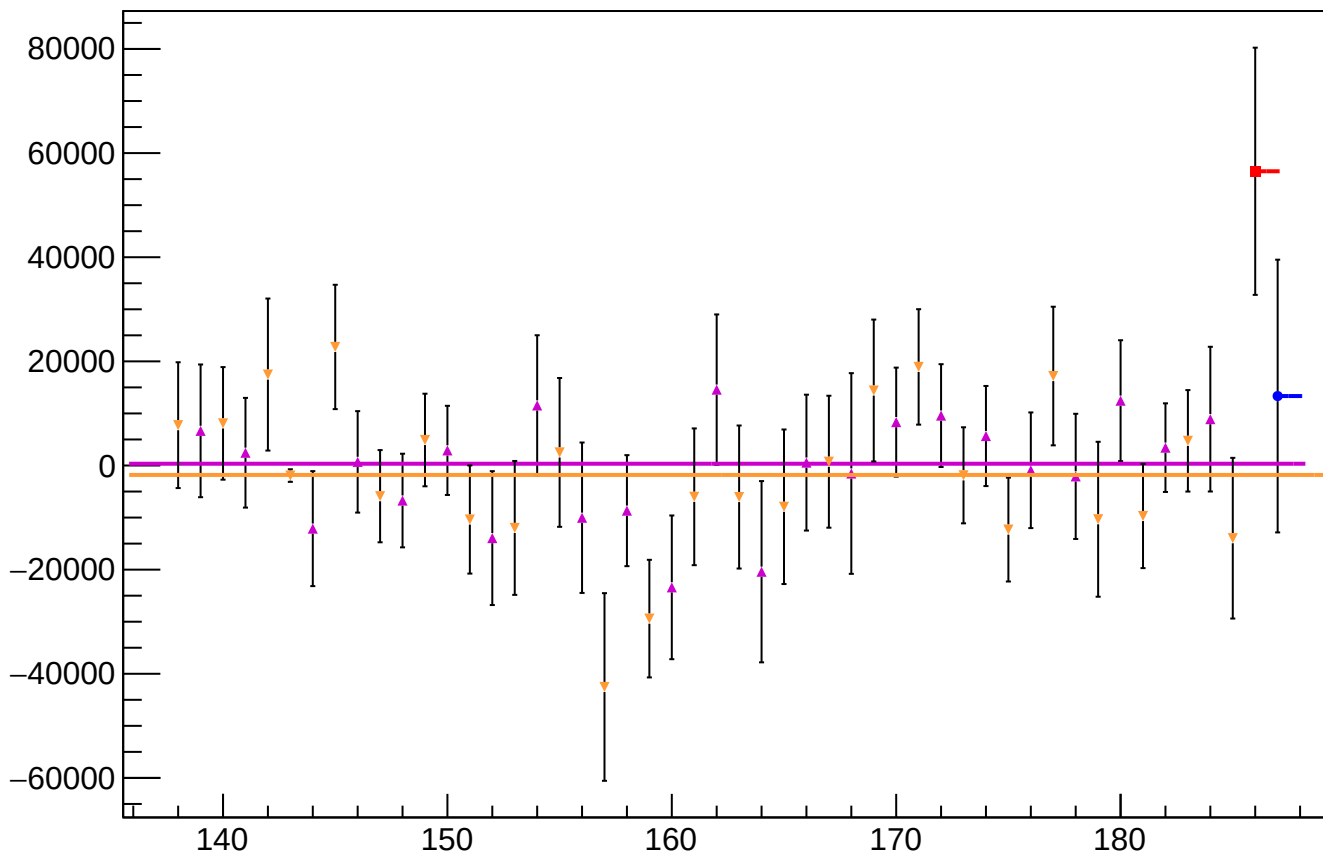
Left In: 2844.779+/-0.484 χ^2/NDF : 383776.8/22

+ sign 2618.335+/-0.380 χ^2/NDF : 2513097.4/42

All: 2604.200+/-0.266 χ^2/NDF : 4203556.9/85

- sign 2590.511+/-0.374 χ^2/NDF : 1687731.6/42

asym_atl2_correction_mean vs Slug



Right In: 13338.612 $\pm$ 26189.529 χ^2 /NDF: 0.0/0

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

Right Out: 56508.501 $\pm$ 23737.199 χ^2 /NDF: 0.0/0

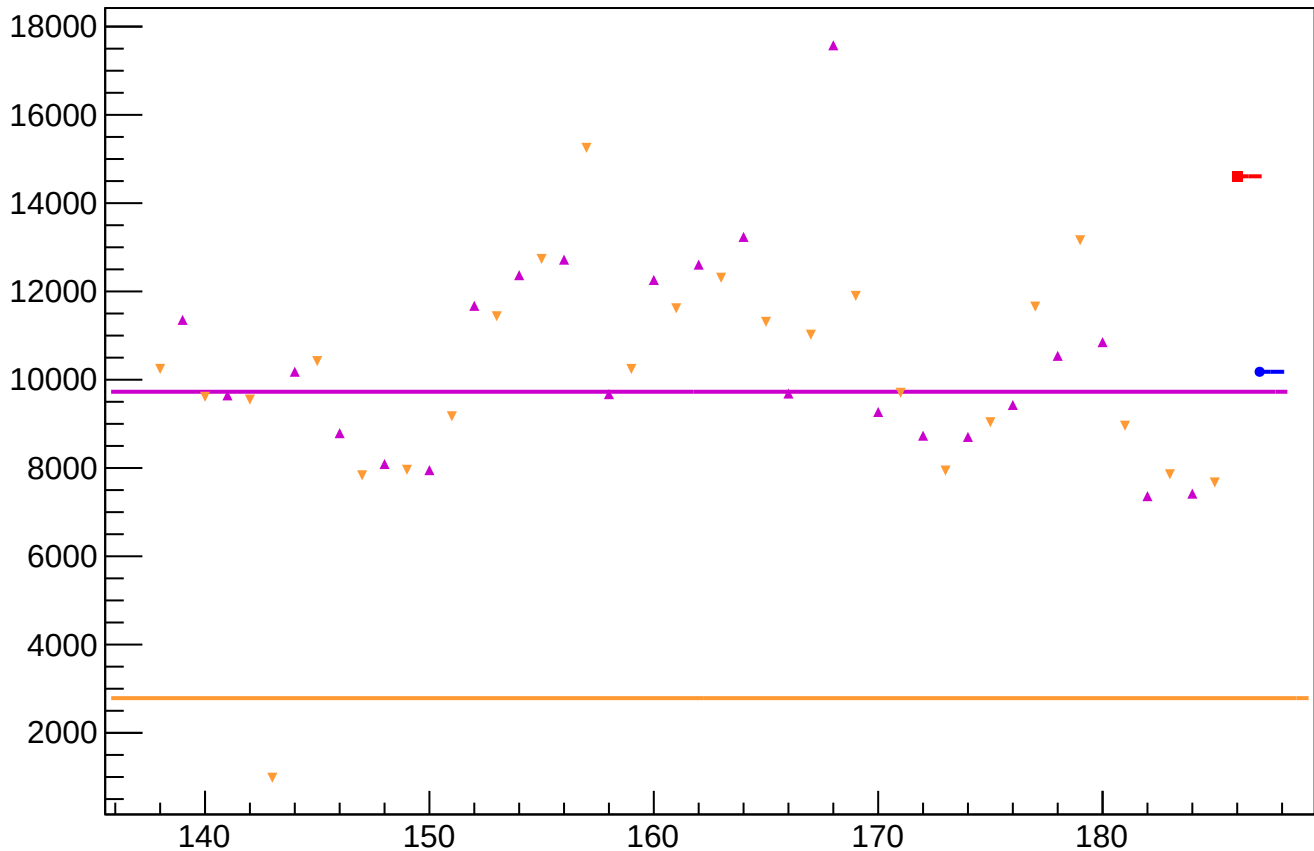
Left In: 339.260 $\pm$ 2365.986 χ^2 /NDF:14.2/22

+ sign -1784.962 $\pm$ 1077.260 χ^2 /NDF: 31.5/25

All: -1321.554 $\pm$ 979.583 χ^2 /NDF: 52.4/49

- sign 891.809 $\pm$ 2354.320 χ^2 /NDF: 19.8/23

asym_atl2_correction_rms vs Slug



Right In: 10179.793 $\pm$ 18.519 χ^2 /NDF: 0.0/0

Left Out: 2786.461 $\pm$ 0.762 χ^2 /NDF:22863045.3/24

Right Out: 14608.289 $\pm$ 16.785 χ^2 /NDF: 0.0/0

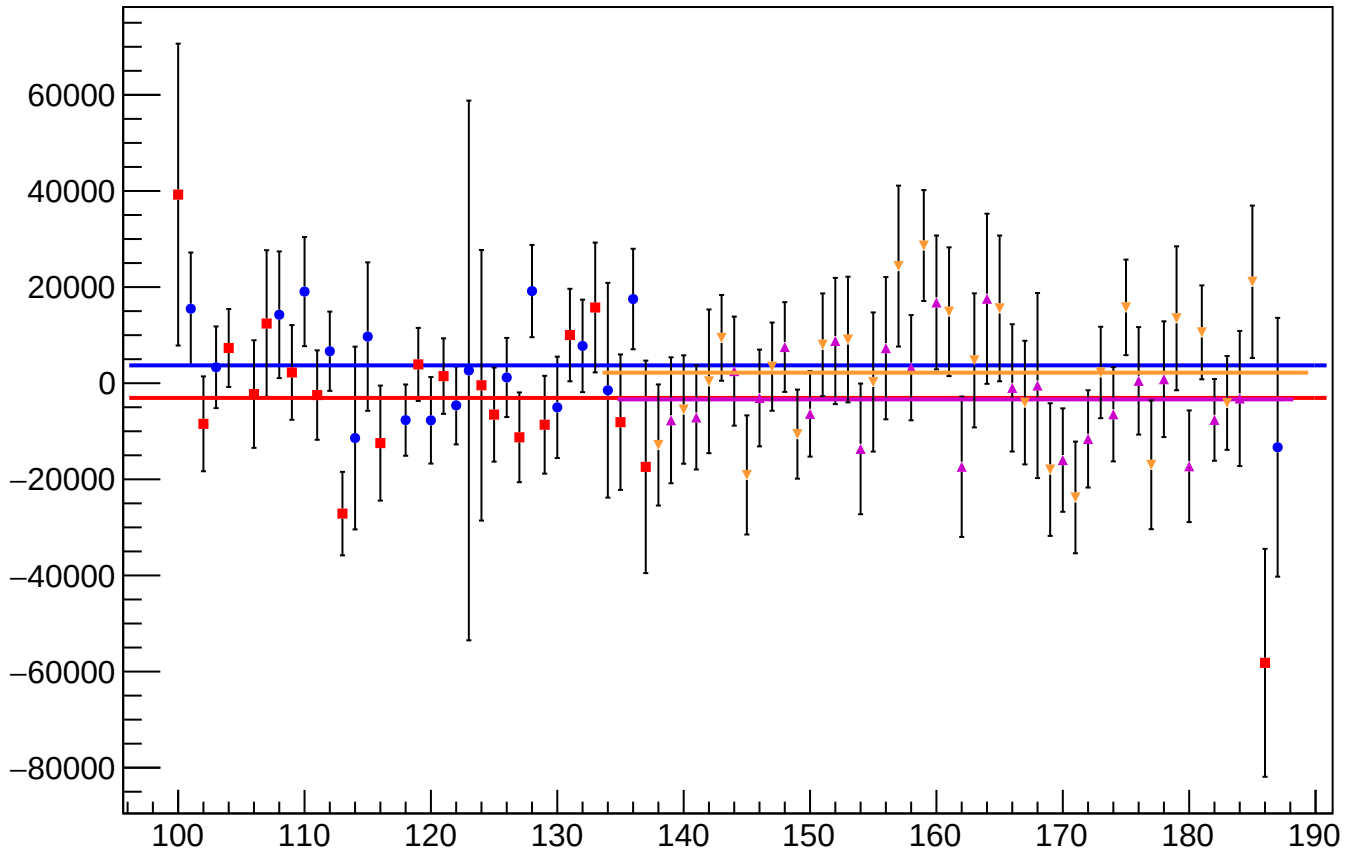
Left In: 9727.255 $\pm$ 1.673 χ^2 /NDF:1261406.7/22

+ sign 2798.970 $\pm$ 0.762 χ^2 /NDF: 23022163.4/25

All: 4006.720 $\pm$ 0.693 χ^2 /NDF: 38888118.6/4

- sign 9775.271 $\pm$ 1.665 χ^2 /NDF: 1345140.6/23

asym_atl2_mean vs Slug



Right In: 3711.928+/-2497.962 χ^2/NDF : 15.2/17

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

Right Out: -3057.627+/-2408.785 χ^2/NDF : 25.5/19

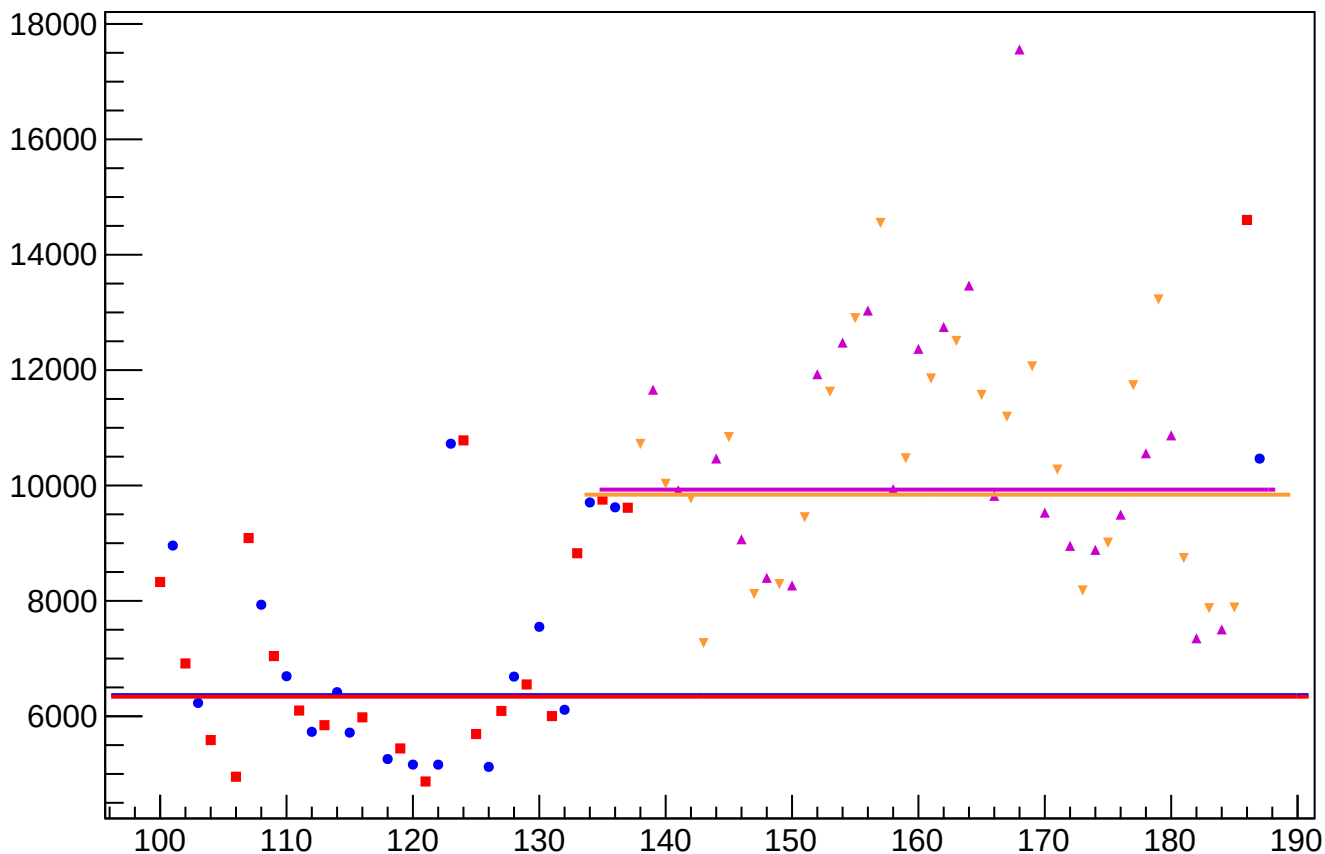
Left In: -3362.489+/-2413.842 χ^2/NDF : 12.8/22

+ sign 2904.858+/-1710.306 χ^2/NDF : 46.5/42

All: -161.845+/-1207.508 χ^2/NDF : 91.3/85

- sign -3209.738+/-1705.053 χ^2/NDF : 38.3/42

asym_atl2_rms vs Slug



Right In: 6365.887 $\pm$ 1.766 χ^2 /NDF: 640173.3/17

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

Right Out: 6339.474 $\pm$ 1.703 χ^2 /NDF: 780742.5/19

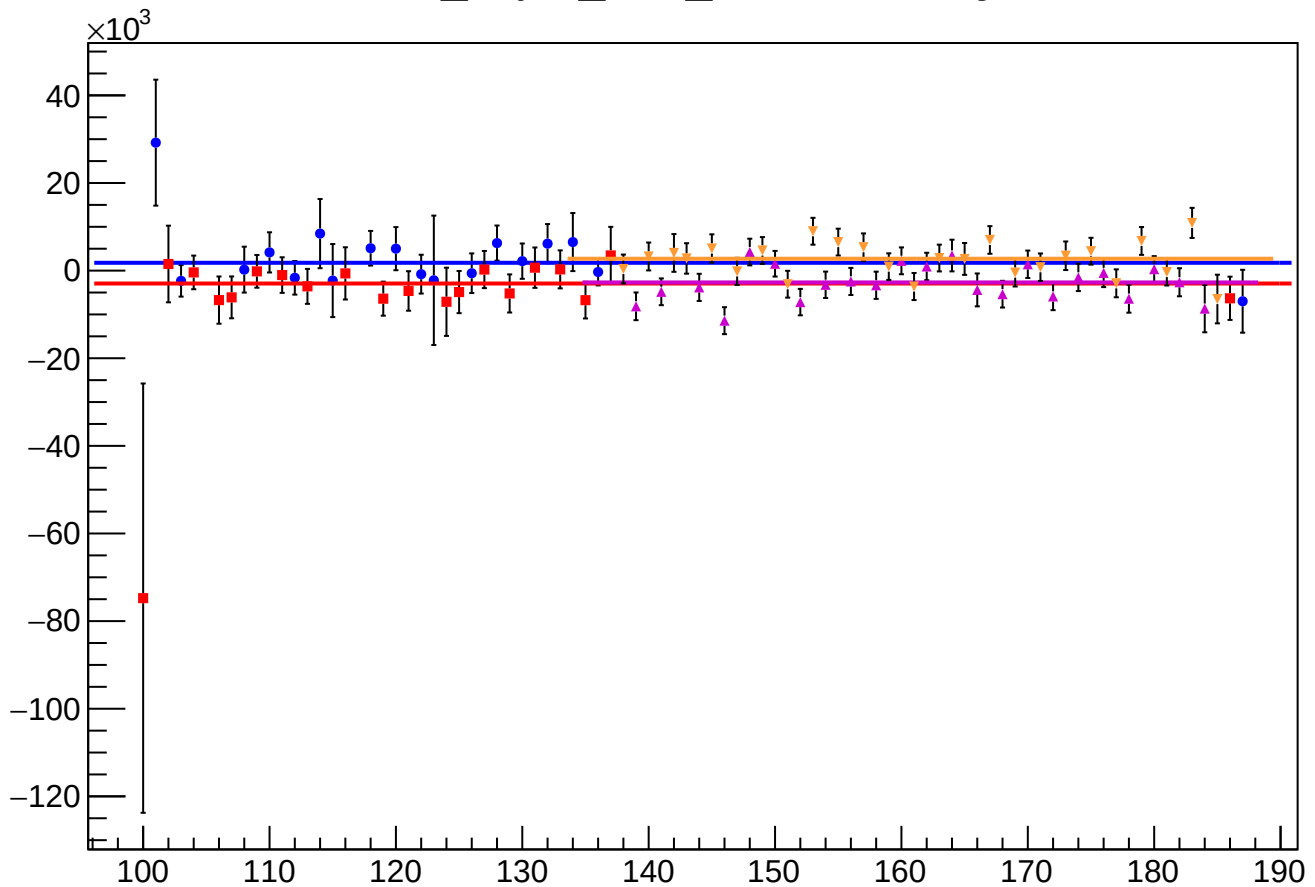
Left In: 9928.662 $\pm$ 1.707 χ^2 /NDF:1220804.9/22

+ sign 8212.022 $\pm$ 1.209 χ^2 /NDF: 3881414.3/42

All: 8170.996 $\pm$ 0.854 χ^2 /NDF: 8100922.2/85

- sign 8130.223 $\pm$ 1.206 χ^2 /NDF: 4217213.3/42

dit_asym_atr1_mean vs Slug



Right In: 1786.358 $\pm$ 1120.347 χ^2 /NDF: 13.6/17

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

Right Out: -2944.343 $\pm$ 1060.783 χ^2 /NDF: 10.4/19

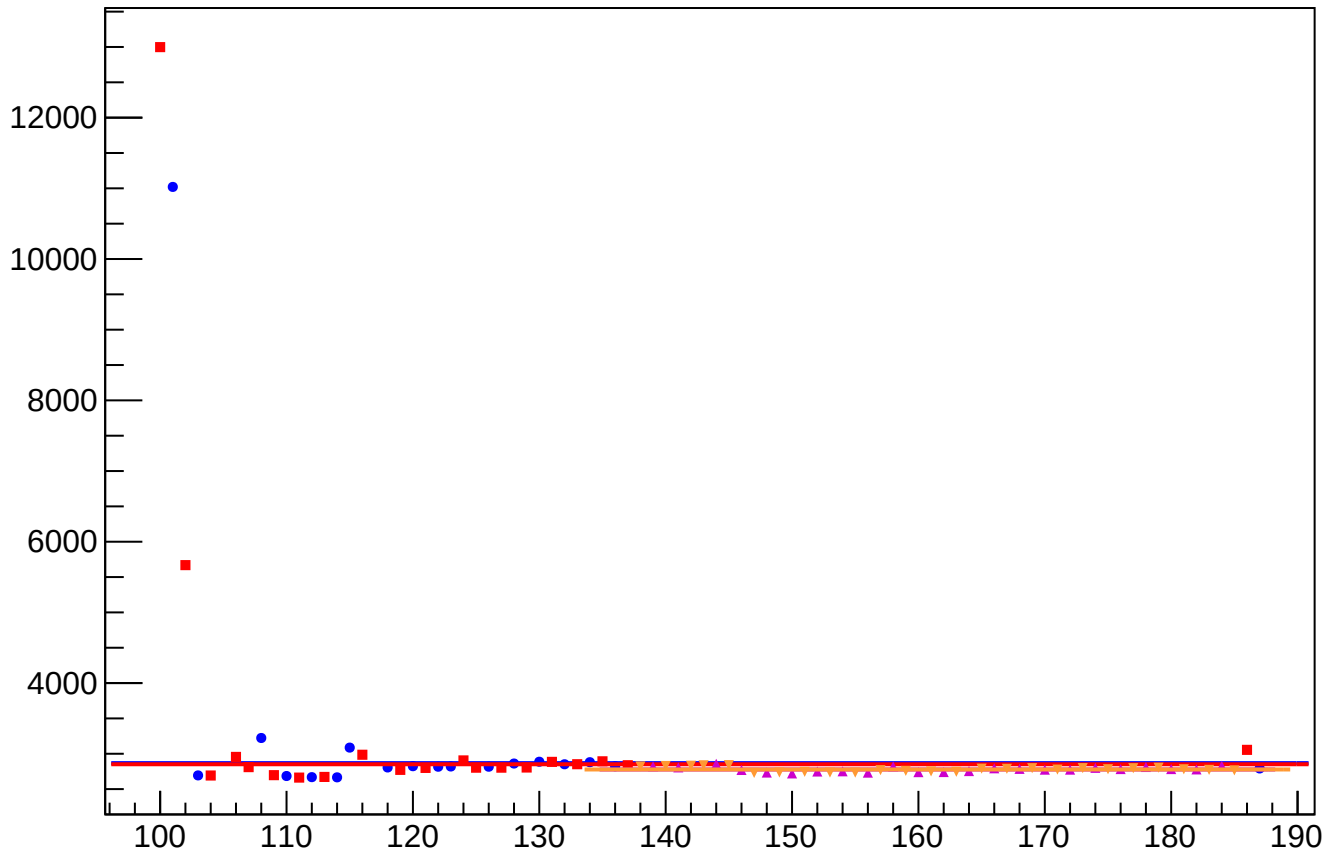
Left In: -2697.794 $\pm$ 662.544 χ^2 /NDF:36.1/22

+ sign 2479.939 $\pm$ 561.471 χ^2 /NDF: 48.8/42

All: -141.319 $\pm$ 397.186 χ^2 /NDF: 138.9/85

- sign -2766.982 $\pm$ 561.942 χ^2 /NDF: 46.5/42

dit_asym_atr1_rms vs Slug



Right In: 2867.316+/-0.792 χ^2/NDF : 670126.3/17

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

Right Out: 2851.429+/-0.750 χ^2/NDF : 316097.2/19

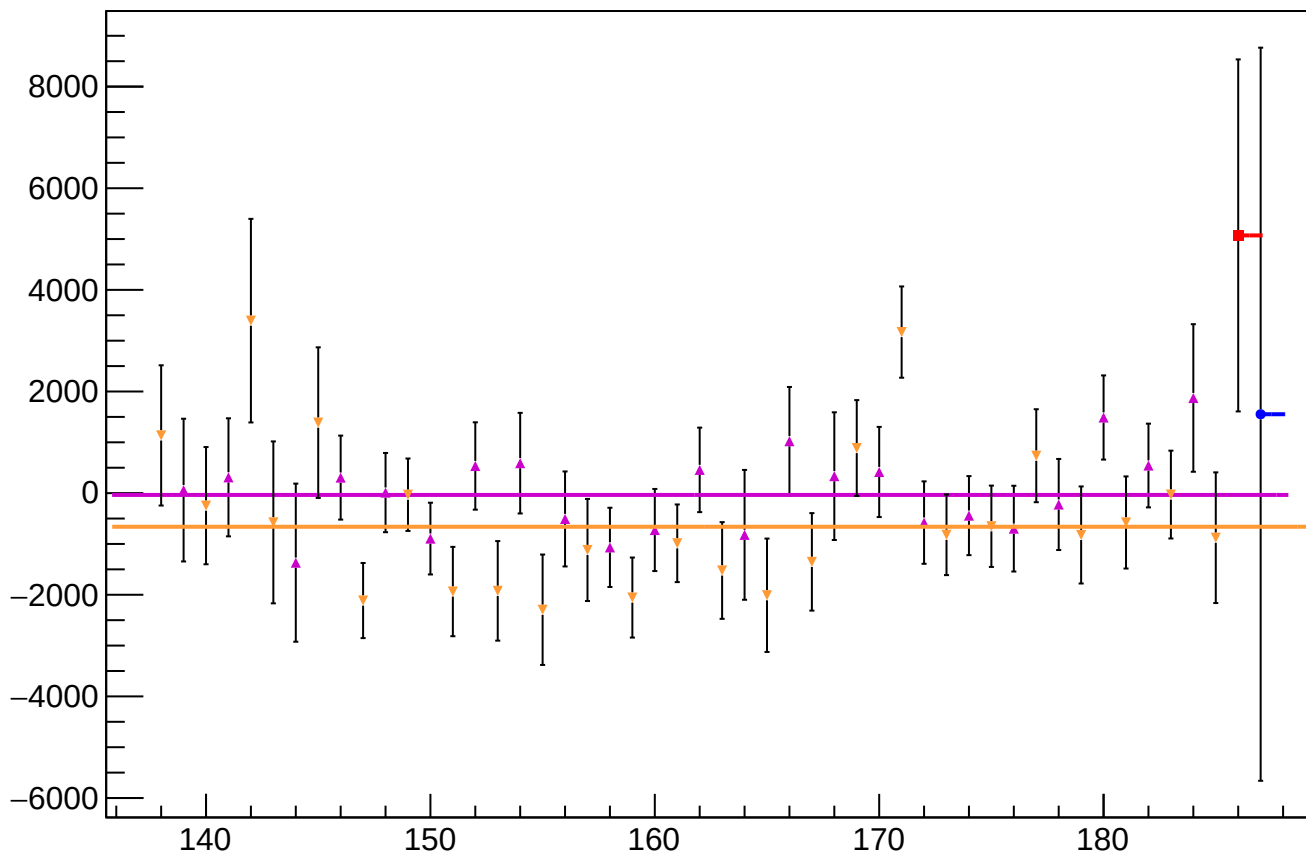
Left In: 2777.355+/-0.468 χ^2/NDF : 5488.7/22

+ sign 2800.021+/-0.397 χ^2/NDF : 685015.6/42

All: 2799.082+/-0.281 χ^2/NDF : 1013628.3/85

- sign 2798.142+/-0.397 χ^2/NDF : 328601.5/42

asym_atr1_correction_mean vs Slug



Right In: 1552.615+/-7213.588 χ^2/NDF : 0.0/0

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

Right Out: 5071.487+/-3463.706 χ^2/NDF : 0.0/0

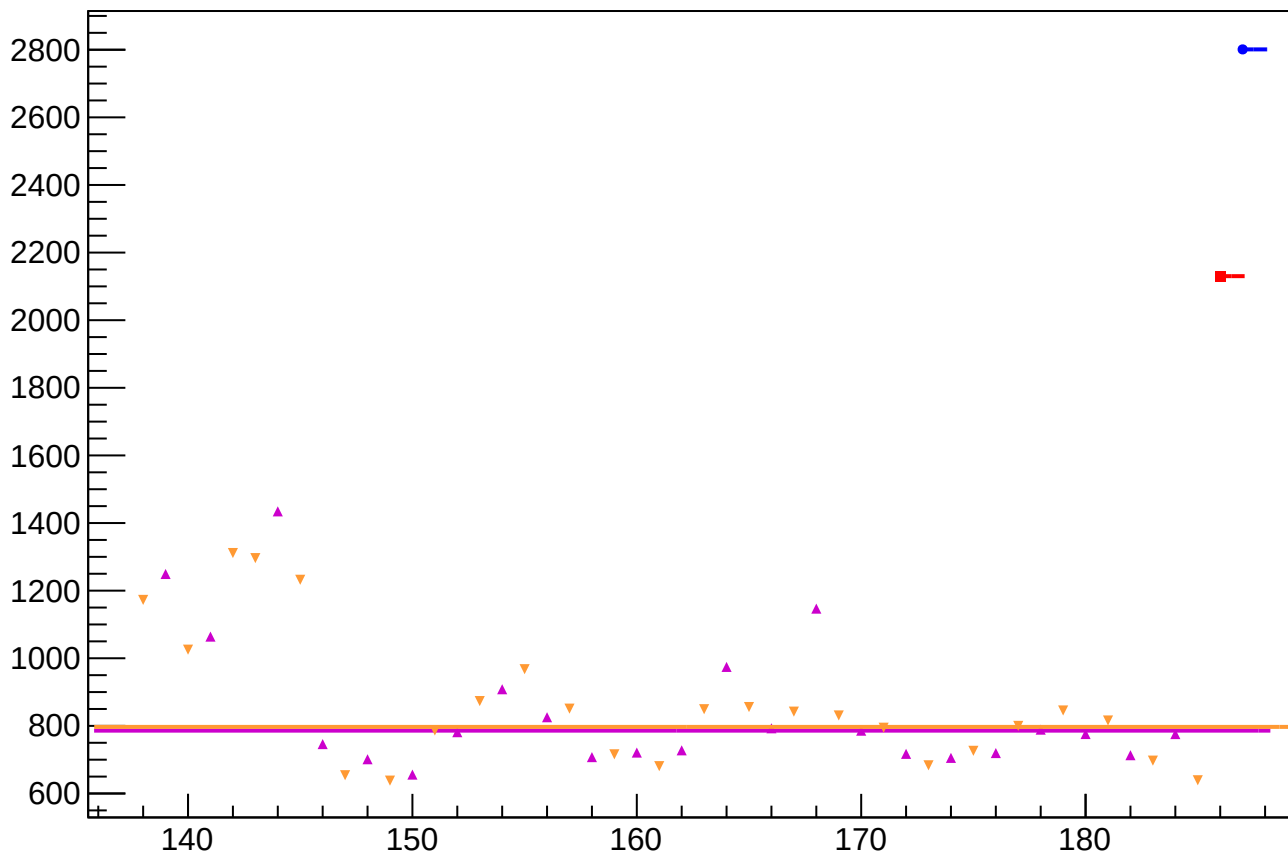
Left In: -35.366+/-190.553 χ^2/NDF : 15.1/22

+ sign -660.220+/-190.156 χ^2/NDF : 48.8/25

All: -340.273+/-134.499 χ^2/NDF : 71.7/49

- sign -19.956+/-190.266 χ^2/NDF : 17.3/23

asym_atr1_correction_rms vs Slug



Right In: 2801.017 $\pm$ 5.101 χ^2 /NDF: 0.0/0

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

Right Out: 2130.275 $\pm$ 2.449 χ^2 /NDF: 0.0/0

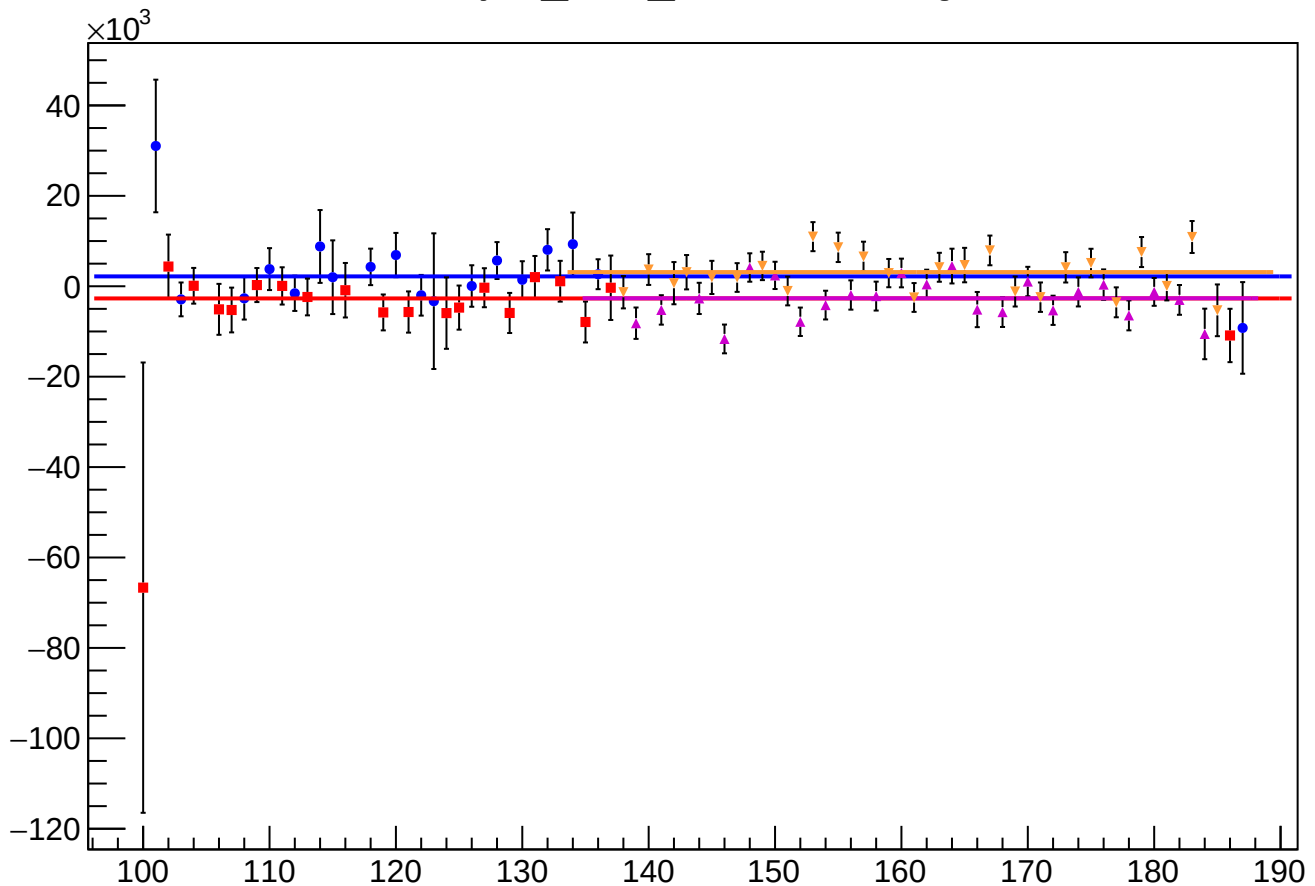
Left In: 785.928 $\pm$ 0.135 χ^2 /NDF:1126027.7/22

+ sign 798.386 $\pm$ 0.134 χ^2 /NDF: 1329131.0/25

All: 794.188 $\pm$ 0.095 χ^2 /NDF: 2757481.0/49

- sign 789.984 $\pm$ 0.135 χ^2 /NDF: 1426398.9/23

asym_atr1_mean vs Slug



Right In: 2181.677 $\pm$ 1149.096 χ^2 /NDF: 15.7/17

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

Right Out: -2693.677 $\pm$ 1090.958 χ^2 /NDF: 12.1/19

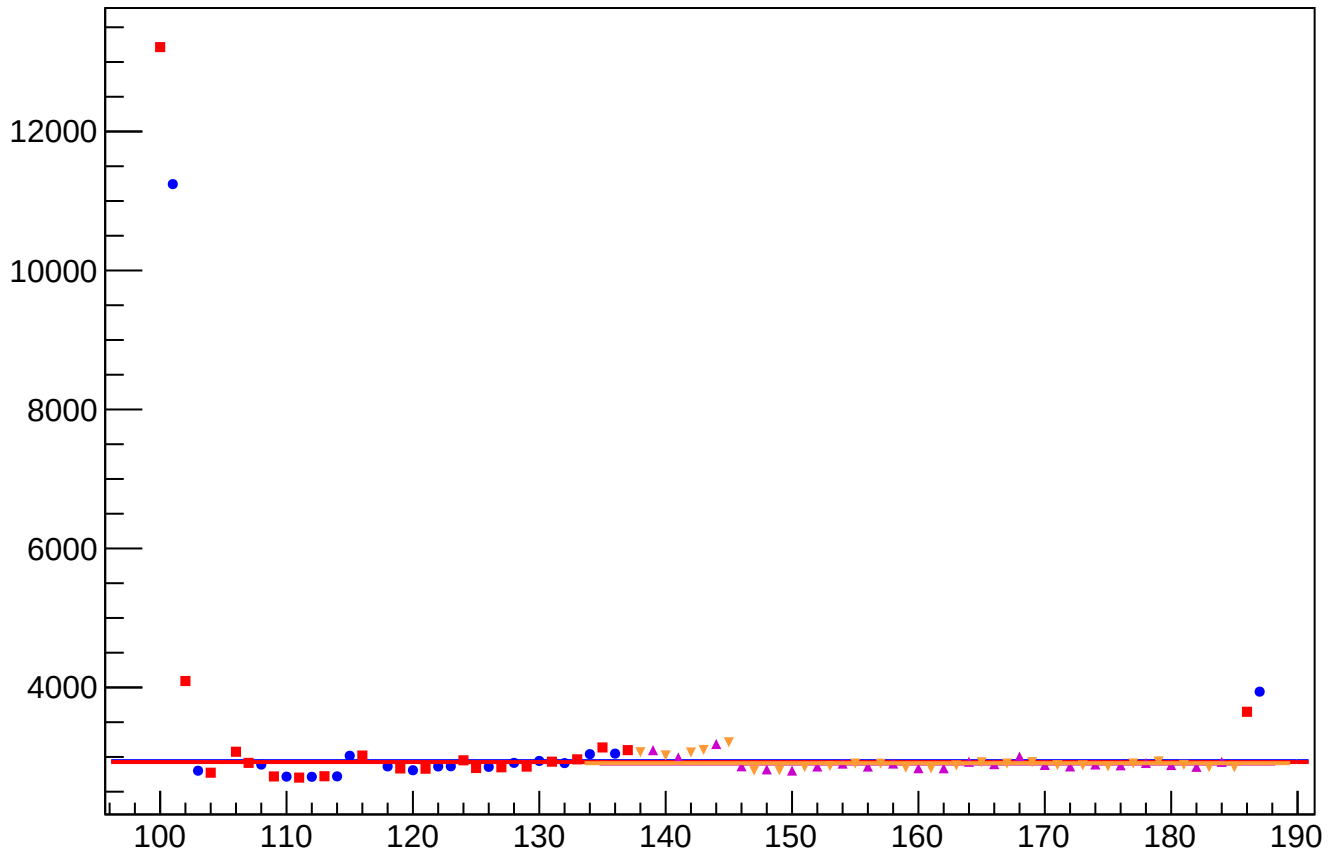
Left In: -2659.828 $\pm$ 693.121 χ^2 /NDF: 36.9/22

+ sign 2890.849 $\pm$ 585.351 χ^2 /NDF: 54.5/42

All: 109.132 $\pm$ 413.793 χ^2 /NDF: 148.6/85

- sign -2669.562 $\pm$ 585.033 χ^2 /NDF: 49.0/42

asym_atr1_rms vs Slug



Right In: 2939.633 $\pm$ 0.813 χ^2 /NDF: 682515.9/17

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

Right Out: 2926.428 $\pm$ 0.771 χ^2 /NDF: 200989.5/19

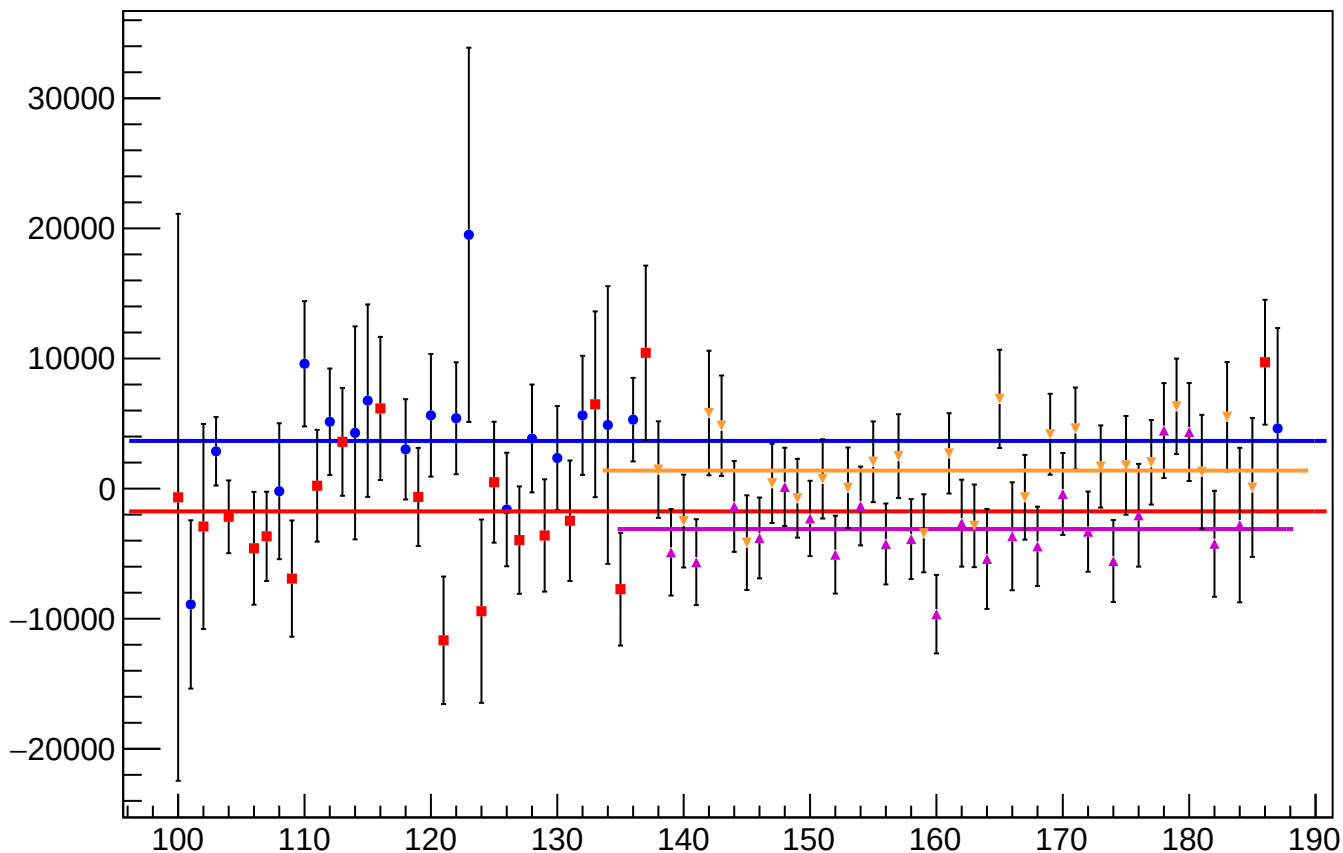
Left In: 2904.499 $\pm$ 0.490 χ^2 /NDF:30423.1/22

+ sign 2917.957 $\pm$ 0.414 χ^2 /NDF: 719557.4/42

All: 2914.379 $\pm$ 0.293 χ^2 /NDF: 951695.0/85

- sign 2910.805 $\pm$ 0.414 χ^2 /NDF: 231988.3/42

dit_asym_atr2_mean vs Slug



Right In: 3664.509 $\pm$ 1080.727 χ^2 /NDF: 9.9/17

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

Right Out: -1750.028 $\pm$ 1022.802 χ^2 /NDF: 24.4/19

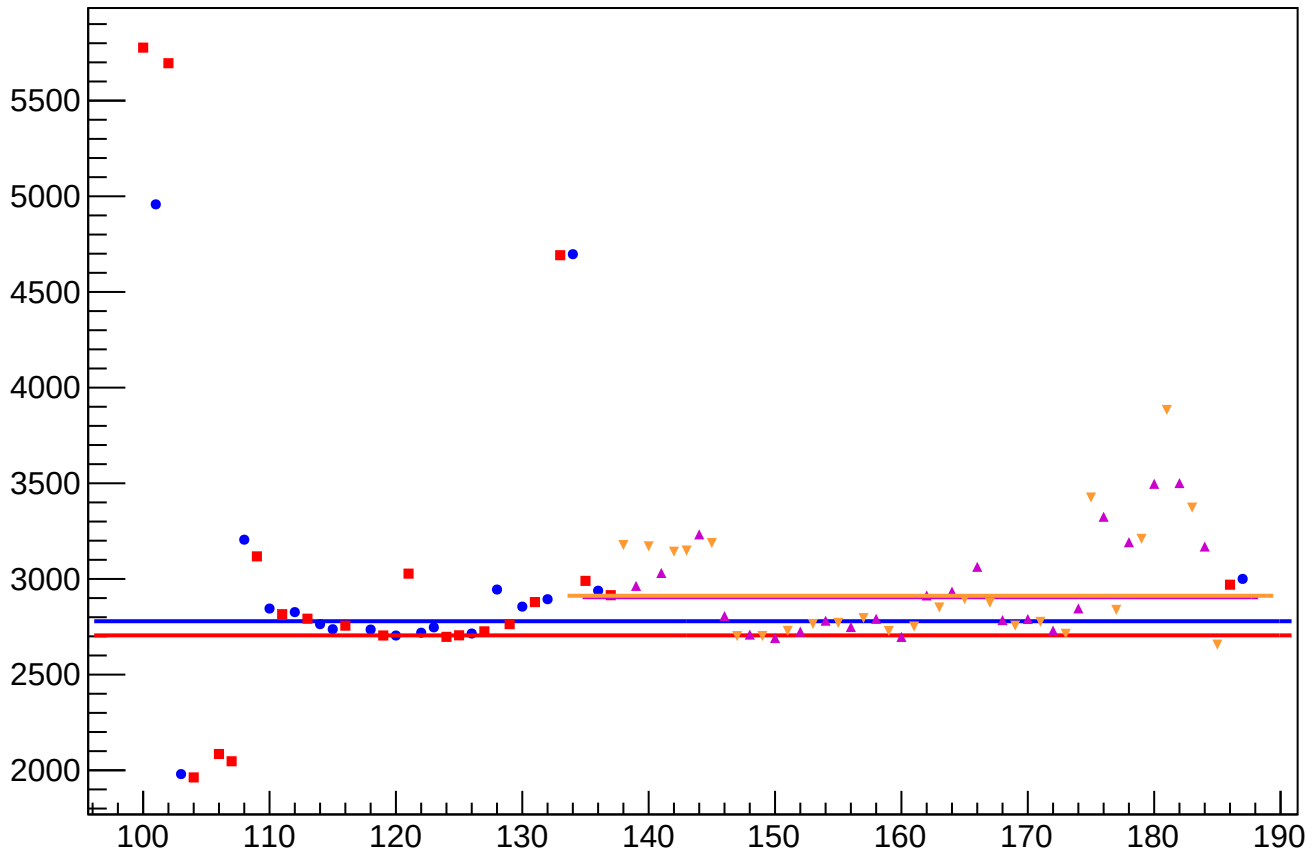
Left In: -3106.878 $\pm$ 695.685 χ^2 /NDF:18.4/22

+ sign 2038.743 $\pm$ 578.358 χ^2 /NDF: 31.0/42

All: -332.253 $\pm$ 407.852 χ^2 /NDF: 108.5/85

- sign -2677.701 $\pm$ 575.233 χ^2 /NDF: 44.0/42

dit_asym_atr2_rms vs Slug



Right In: 2779.044+/-0.764 χ^2/NDF : 503356.9/17

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

Right Out: 2705.106+/-0.723 χ^2/NDF : 786648.0/19

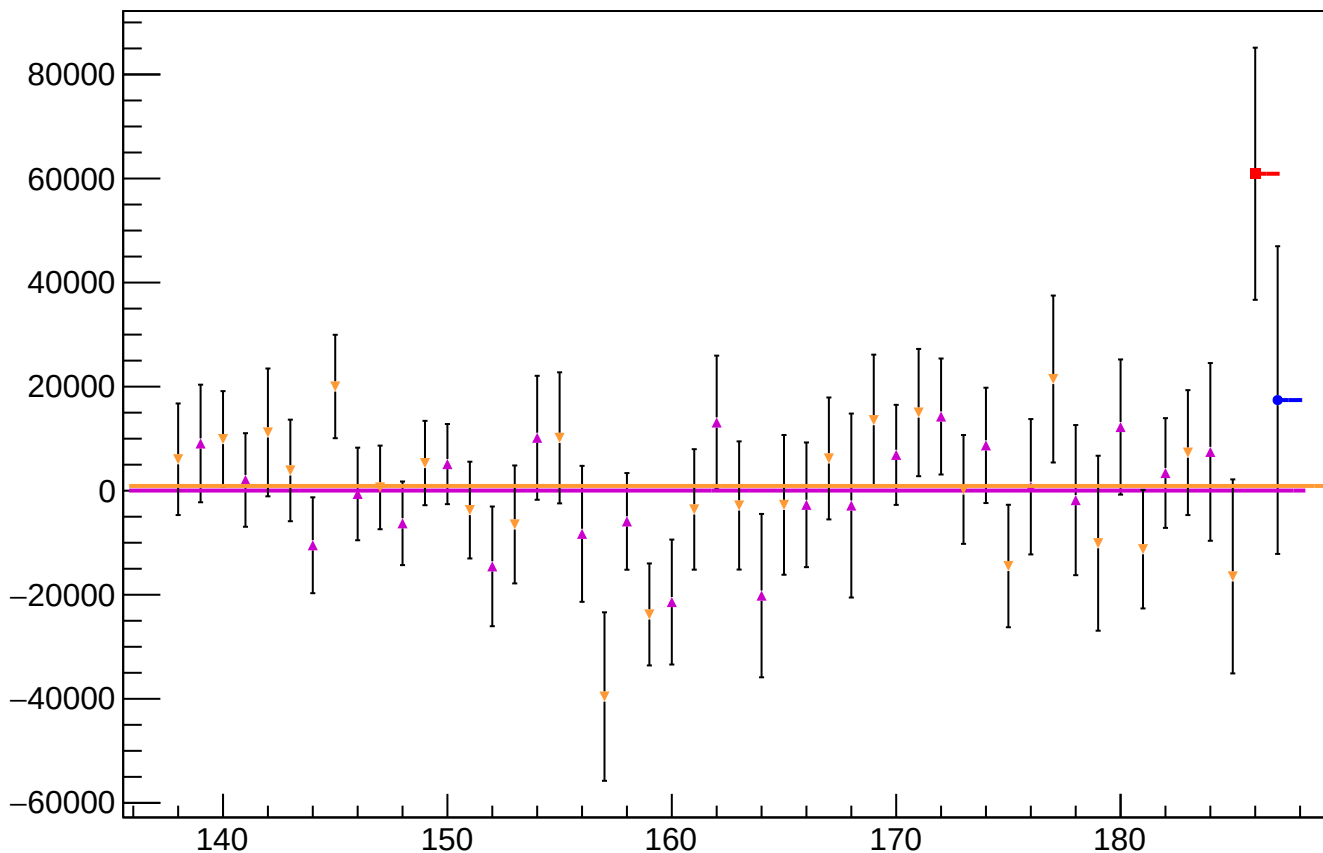
Left In: 2904.472+/-0.492 χ^2/NDF : 217578.9/22

+ sign 2874.073+/-0.409 χ^2/NDF : 815934.9/42

All: 2857.639+/-0.288 χ^2/NDF : 1875348.6/85

- sign 2841.385+/-0.407 χ^2/NDF : 1056201.8/42

asym_atr2_correction_mean vs Slug



Right In: 17416.307 $\pm$ 29570.292 χ^2 /NDF: 0.0/0

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

Right Out: 60917.734 $\pm$ 24230.689 χ^2 /NDF: 0.0/0

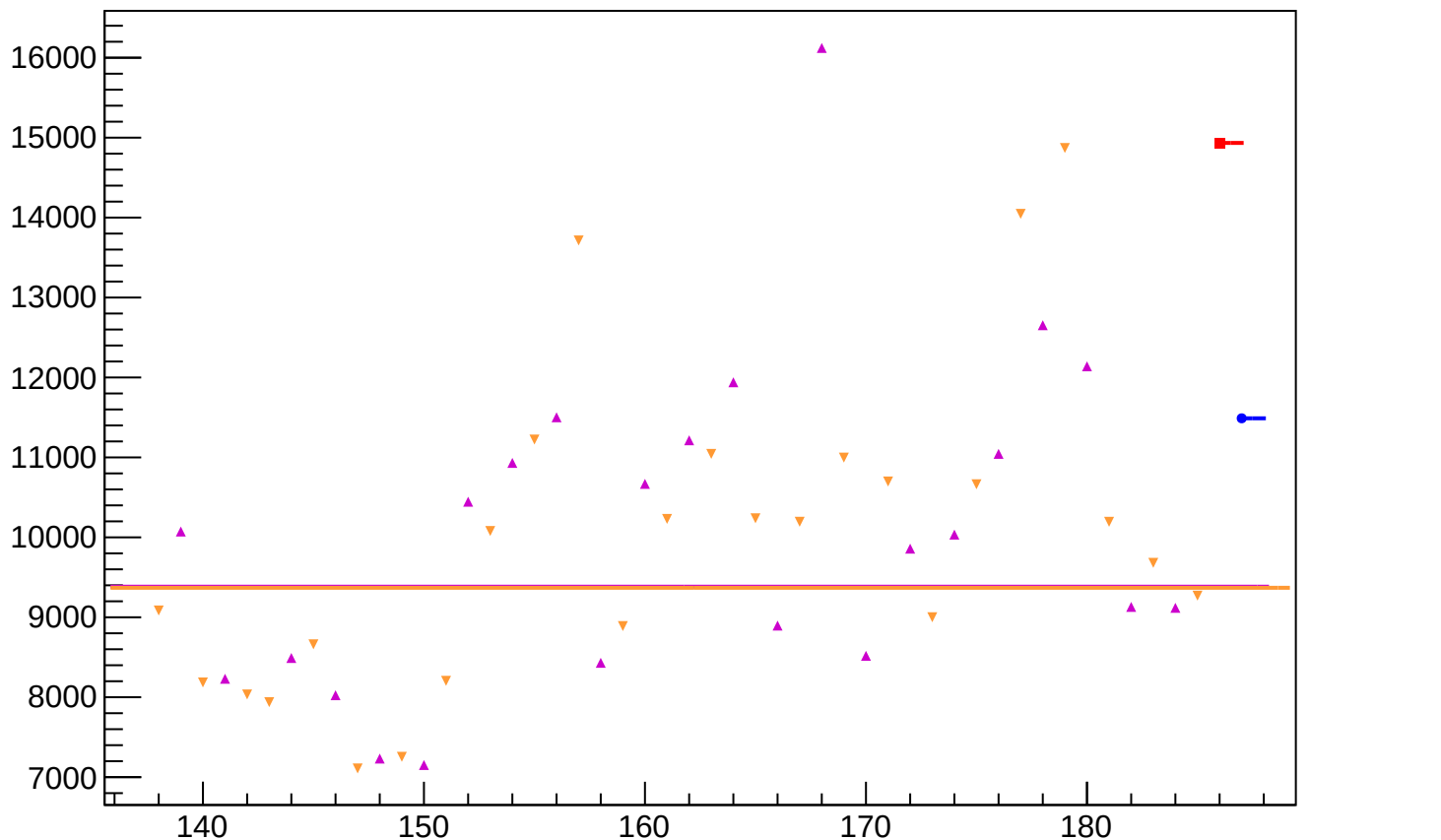
Left In: 25.729 $\pm$ 2280.428 χ^2 /NDF: 16.1/22

+ sign 1010.136 $\pm$ 2232.373 χ^2 /NDF: 29.0/25

All: 789.032 $\pm$ 1591.799 χ^2 /NDF: 51.4/49

- sign 560.332 $\pm$ 2270.395 χ^2 /NDF: 22.4/23

asym_atr2_correction_rms vs Slug



Right In: 11489.144 $\pm$ 20.909 χ^2 /NDF: 0.0/0

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

Right Out: 14934.067 $\pm$ 17.134 χ^2 /NDF: 0.0/0

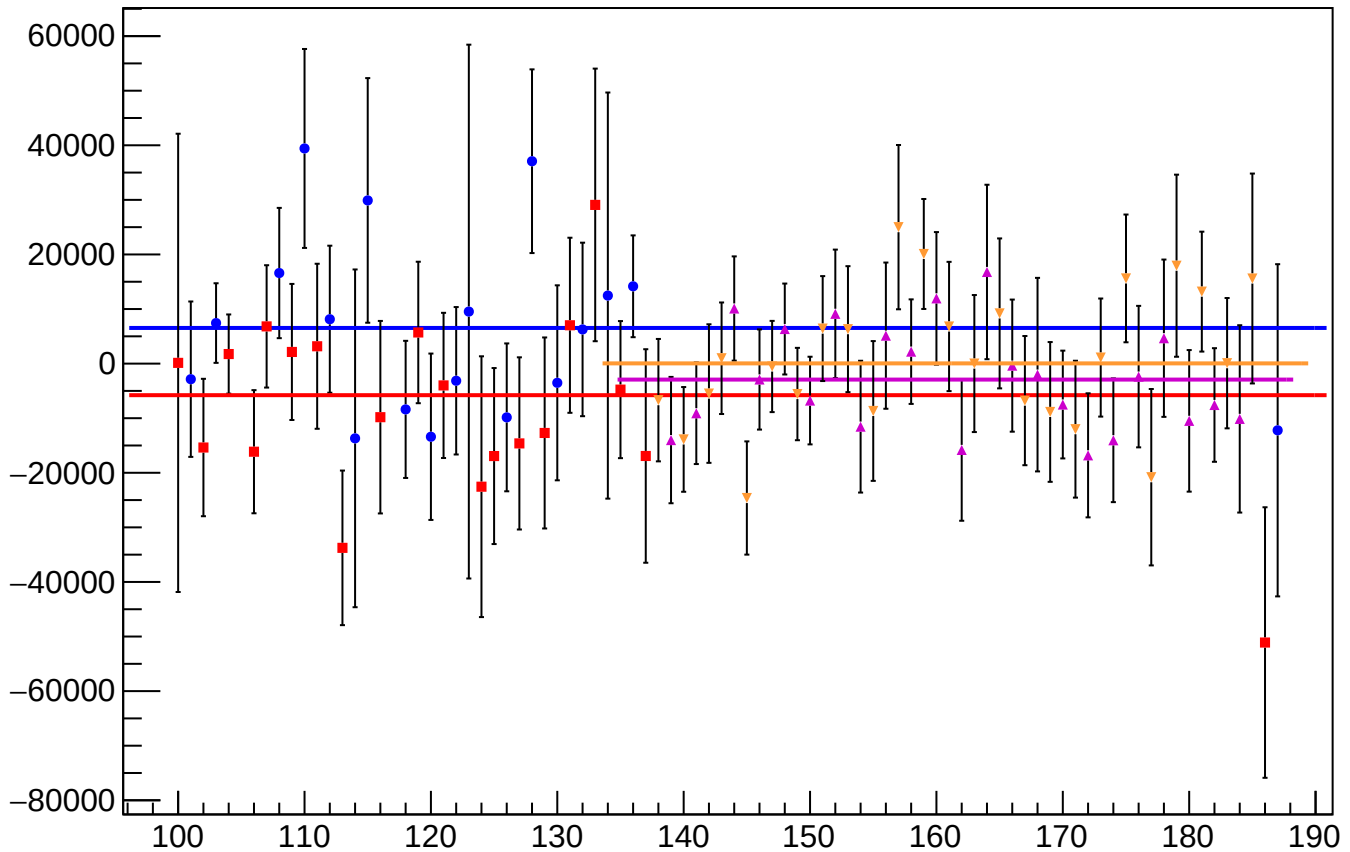
Left In: 9382.727 $\pm$ 1.613 χ^2 /NDF:1205648.8/22

+ sign 9381.117 $\pm$ 1.579 χ^2 /NDF: 1193234.8/25

All: 9405.866 $\pm$ 1.126 χ^2 /NDF: 2503439.0/49

- sign 9431.466 $\pm$ 1.605 χ^2 /NDF: 1309704.1/23

asym_atr2_mean vs Slug



Right In: 6535.091 $\pm$ 3366.350 χ^2 /NDF: 15.7/17

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

Right Out: -5781.829 $\pm$ 3142.053 χ^2 /NDF: 17.0/19

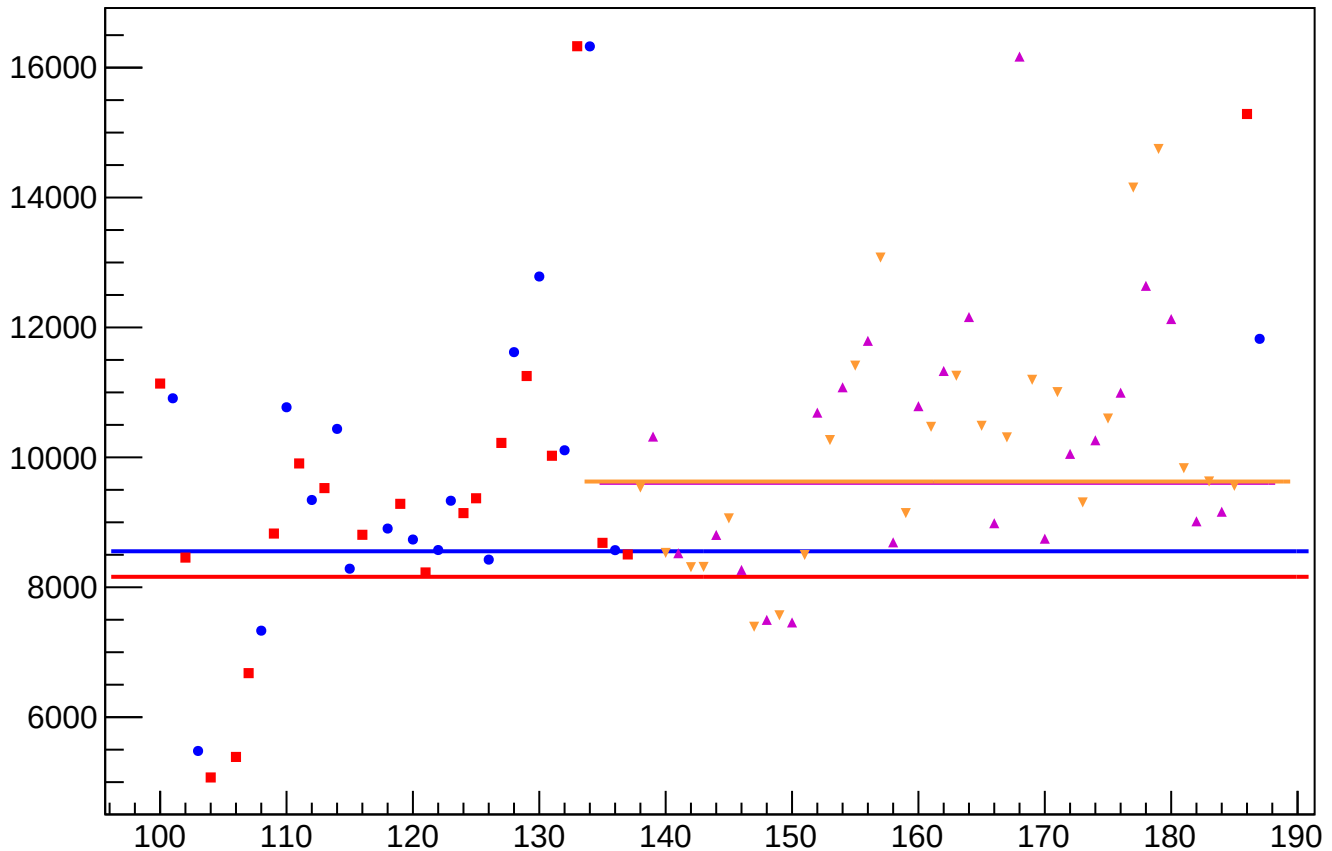
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF: 14.6/22

+ sign 2098.076 $\pm$ 1893.921 χ^2 /NDF: 44.1/42

All: -955.957 $\pm$ 1331.338 χ^2 /NDF: 81.4/85

- sign -3939.270 $\pm$ 1871.865 χ^2 /NDF: 32.1/42

asym_atr2_rms vs Slug



Right In: 8554.182 $\pm$ 2.380 χ^2 /NDF: 785999.8/17

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

Right Out: 8161.140 $\pm$ 2.222 χ^2 /NDF: 1120339.3/19

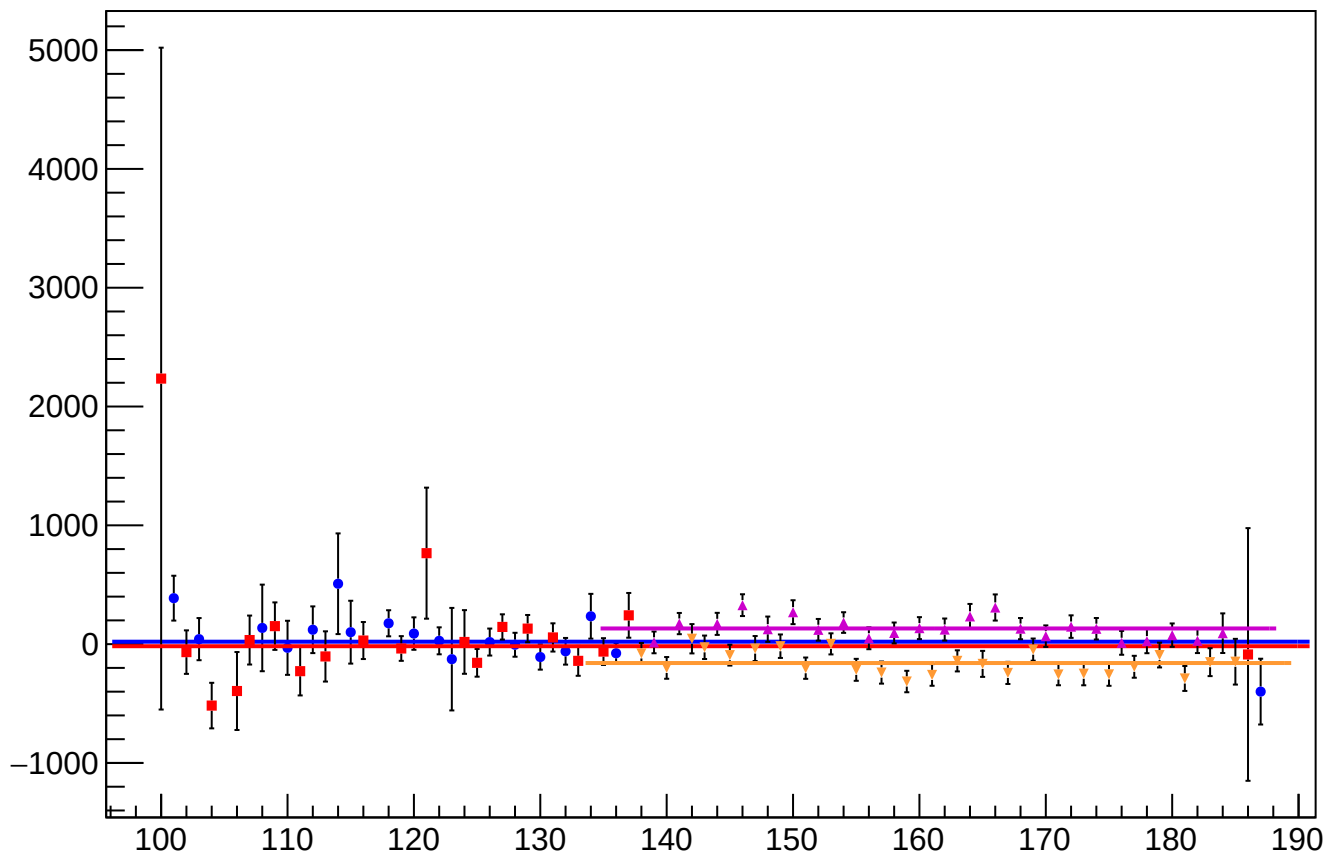
Left In: 9607.553 $\pm$ 1.648 χ^2 /NDF:1085465.7/22

+ sign 9287.992 $\pm$ 1.339 χ^2 /NDF: 1929686.1/42

All: 9189.949 $\pm$ 0.941 χ^2 /NDF: 4419503.5/85

- sign 9094.179 $\pm$ 1.324 χ^2 /NDF: 2479222.3/42

dit_asym_sam1_mean vs Slug



Right In: 20.585 $\pm$ 33.774 χ^2 /NDF: 14.9/17

Left Out: -158.948 $\pm$ 19.453 χ^2 /NDF:25.8/24

Right Out: -17.446 $\pm$ 35.528 χ^2 /NDF: 21.9/19

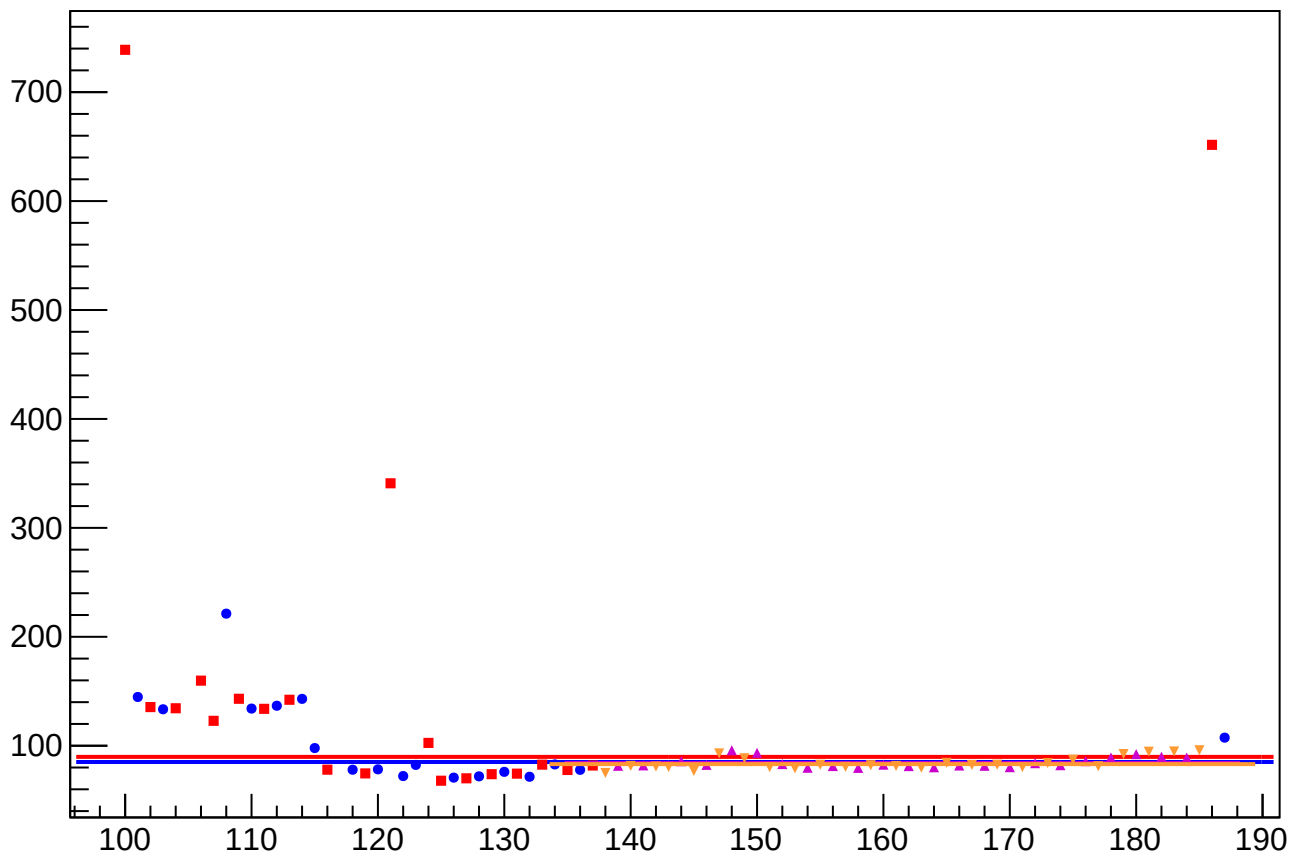
Left In: 131.879 $\pm$ 20.076 χ^2 /NDF:17.8/22

+ sign -114.225 $\pm$ 16.857 χ^2 /NDF: 61.9/42

All: -13.043 $\pm$ 12.133 χ^2 /NDF: 189.7/85

- sign 95.738 $\pm$ 17.478 χ^2 /NDF: 53.0/42

dit_asym_sam1_rms vs Slug



Right In: 85.075 $\pm$ 0.024 χ^2 /NDF: 1077650.8/17

Left Out: 83.126 $\pm$ 0.014 χ^2 /NDF: 138741.0/24

Right Out: 89.771 $\pm$ 0.025 χ^2 /NDF: 2118224.9/19

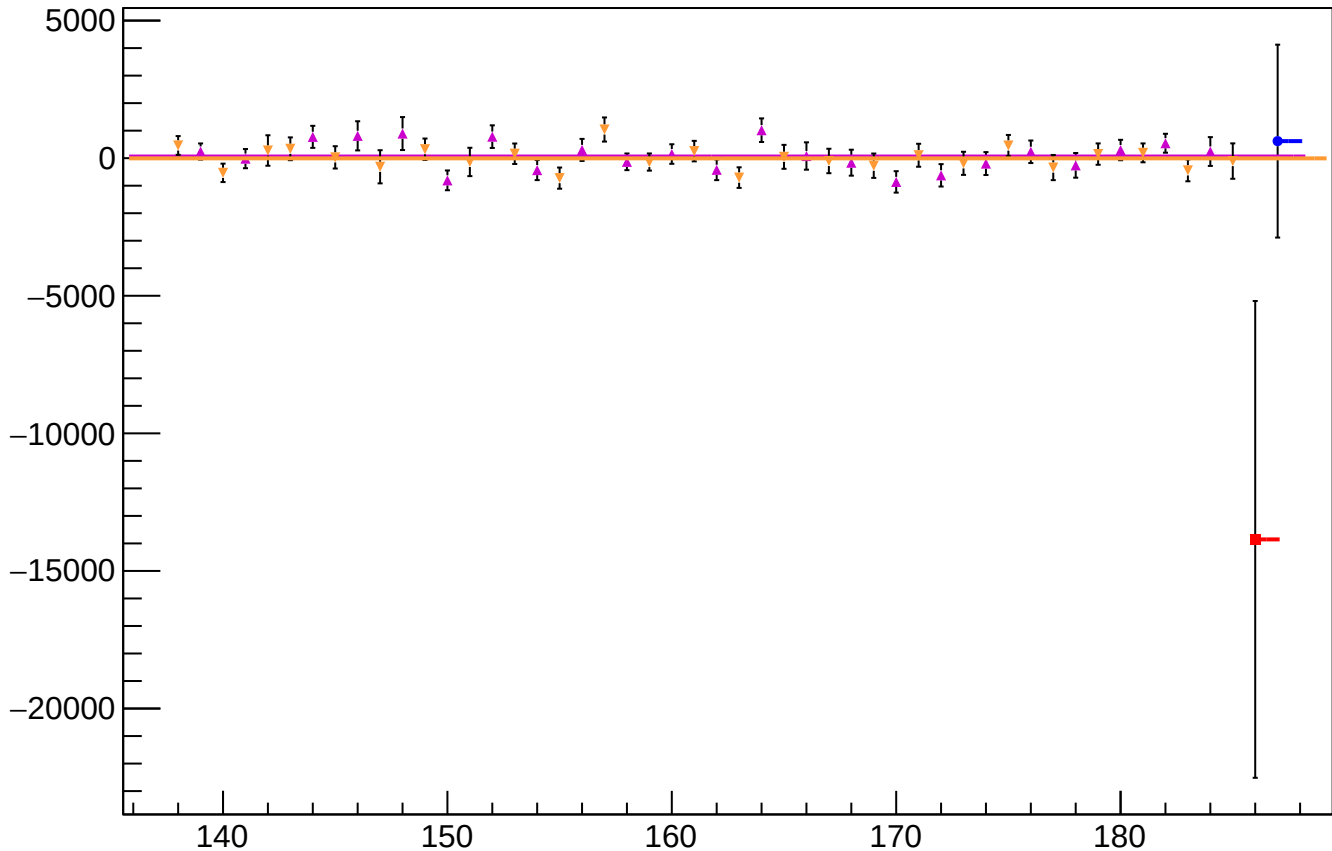
Left In: 84.108 $\pm$ 0.014 χ^2 /NDF: 96934.3/22

+ sign 83.612 $\pm$ 0.012 χ^2 /NDF: 1221389.8/42

All: 84.511 $\pm$ 0.009 χ^2 /NDF: 3486884.6/85

- sign 85.479 $\pm$ 0.012 χ^2 /NDF: 2253668.3/42

asym_sam1_correction_mean vs Slug



Right In: 619.744 $\pm$ 3504.878 χ^2 /NDF: 0.0/0

Left Out: -6.627 $\pm$ 81.138 χ^2 /NDF: 24.4/24

Right Out: -13853.889 $\pm$ 8663.157 χ^2 /NDF: 0.0/0

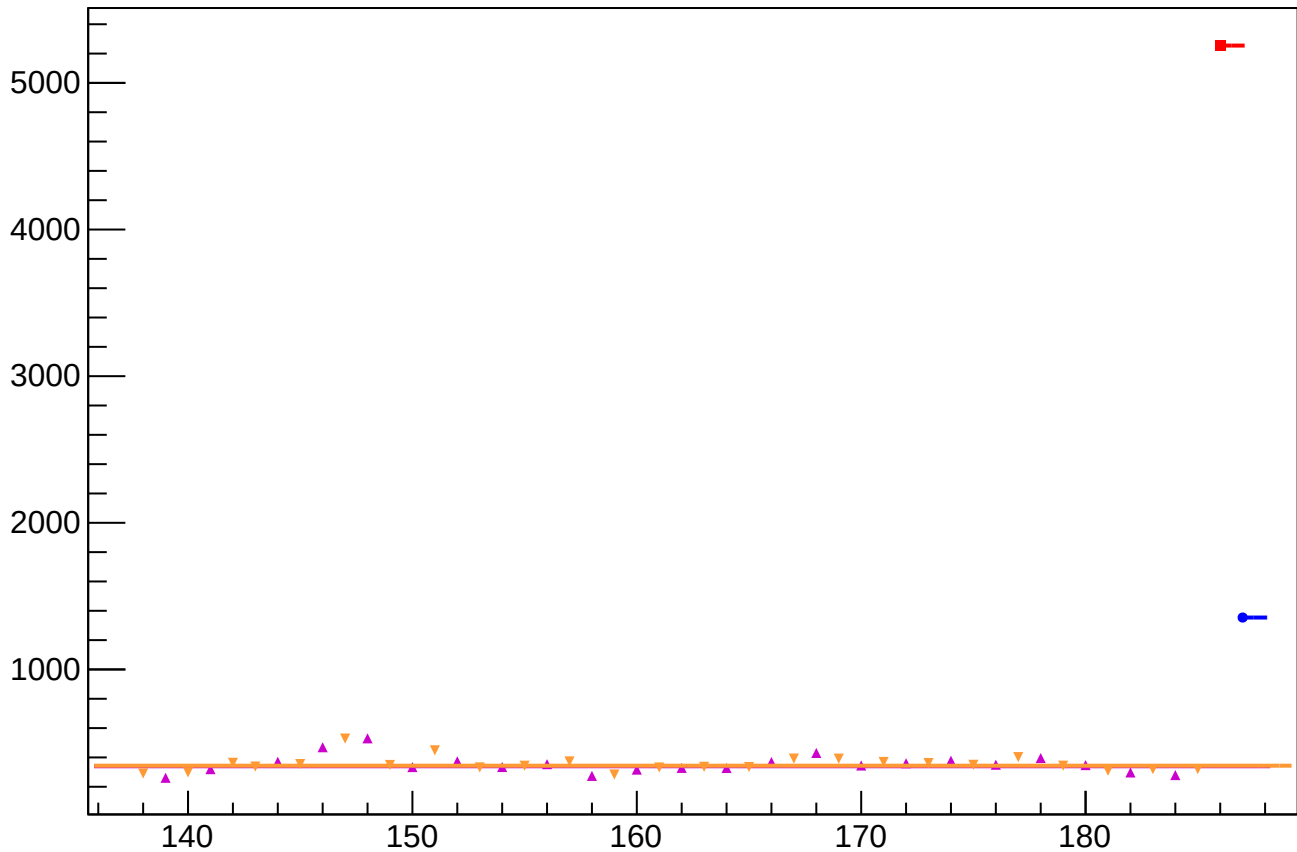
Left In: 59.971 $\pm$ 82.046 χ^2 /NDF: 38.0/22

+ sign -6.292 $\pm$ 81.116 χ^2 /NDF: 24.4/25

All: 25.847 $\pm$ 57.683 χ^2 /NDF: 65.3/49

- sign 58.724 $\pm$ 82.043 χ^2 /NDF: 40.6/23

asym_sam1_correction_rms vs Slug



Right In: 1353.985 $\pm$ 2.478 χ^2 /NDF: 0.0/0

Left Out: 343.620 $\pm$ 0.057 χ^2 /NDF: 571090.7/24

Right Out: 5254.581 $\pm$ 6.126 χ^2 /NDF: 0.0/0

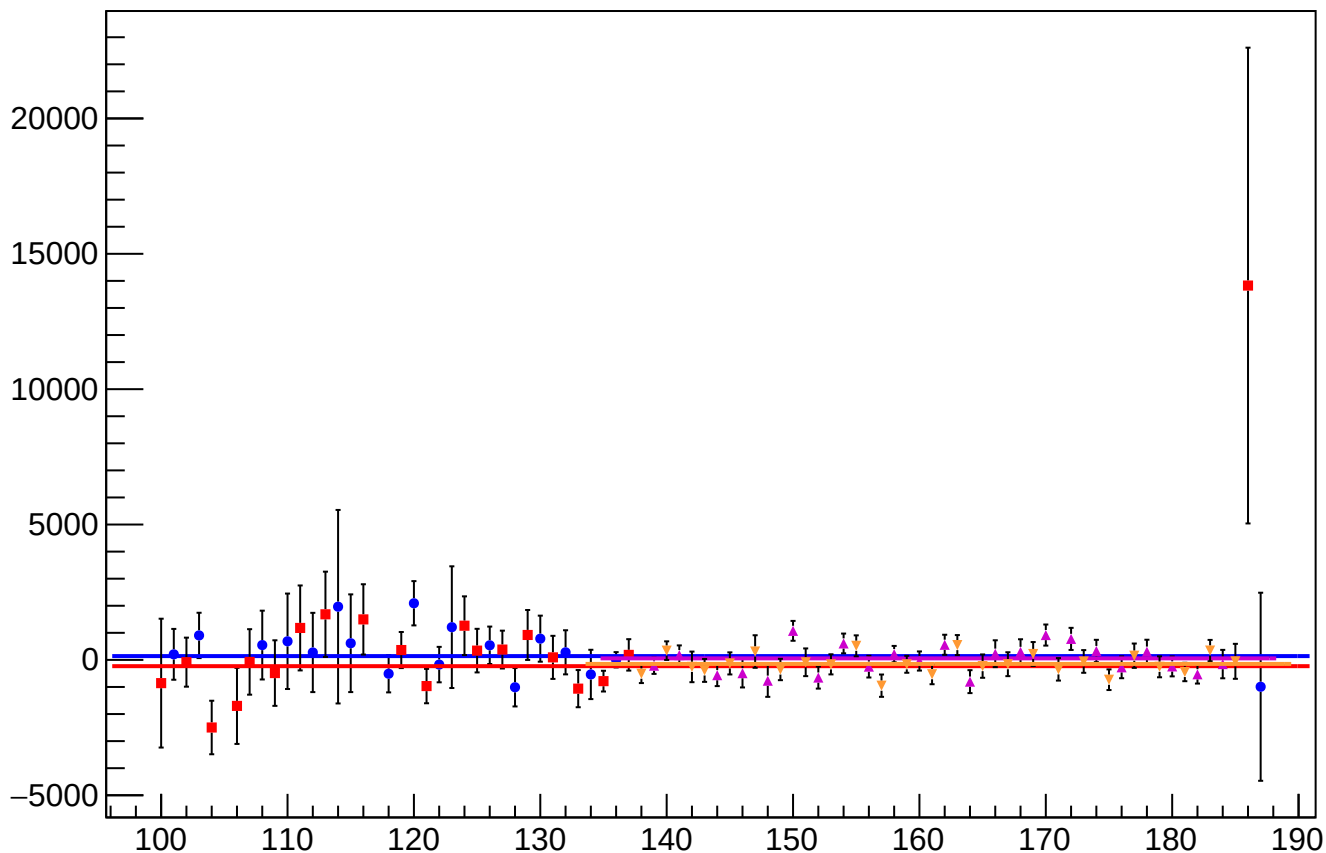
Left In: 339.804 $\pm$ 0.058 χ^2 /NDF: 799750.5/22

+ sign 344.161 $\pm$ 0.057 χ^2 /NDF: 737205.5/25

All: 342.225 $\pm$ 0.041 χ^2 /NDF: 2182905.7/49

- sign 340.245 $\pm$ 0.058 χ^2 /NDF: 1443395.3/23

asym_sam1_mean vs Slug



Right In: 140.471 ± 178.999 χ^2/NDF : 12.9/17

Left Out: -148.809 ± 81.017 χ^2/NDF : 22.0/24

Right Out: -231.657 ± 183.955 χ^2/NDF : 24.2/19

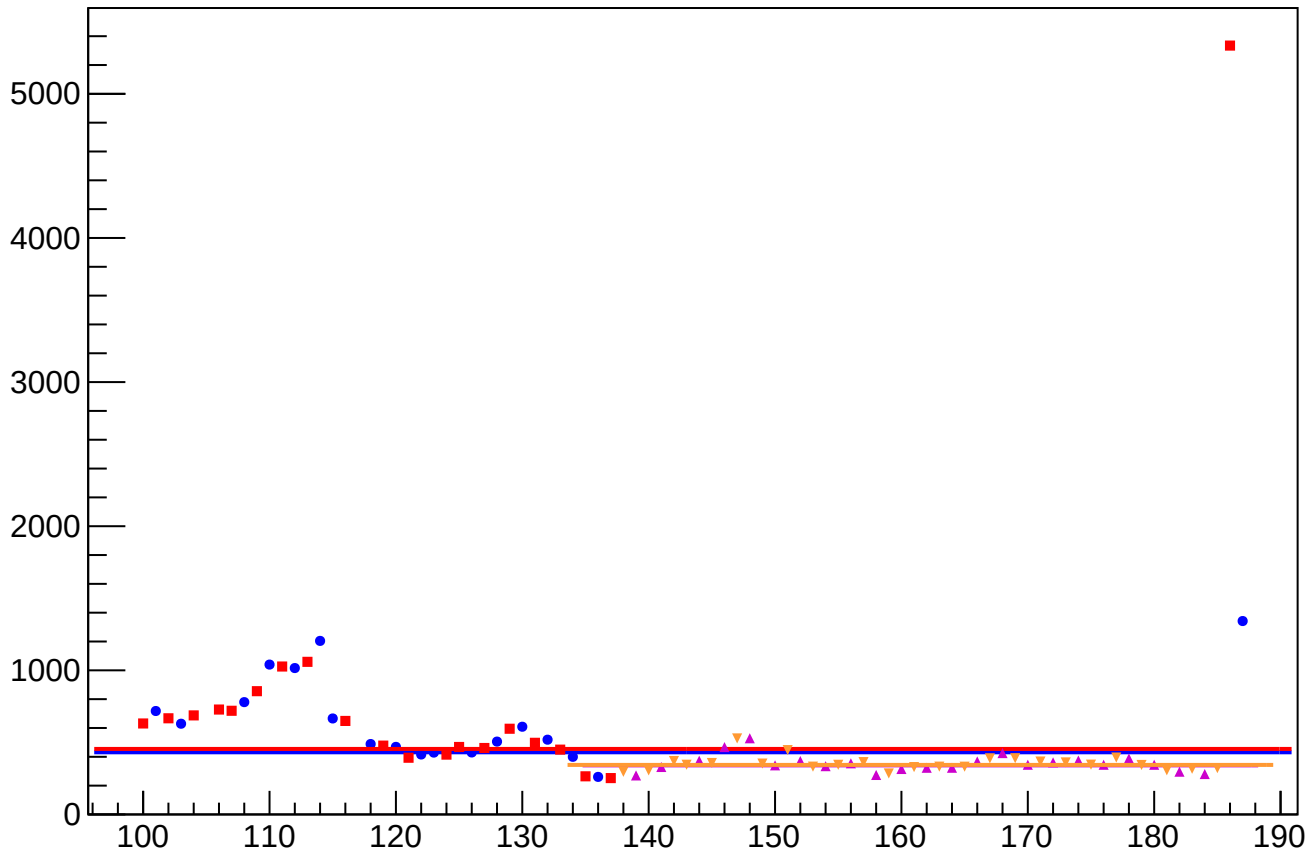
Left In: 56.402 ± 82.155 χ^2/NDF : 39.7/22

+ sign -99.624 ± 73.809 χ^2/NDF : 37.1/42

All: -46.437 ± 52.612 χ^2/NDF : 104.1/85

- sign 8.501 ± 75.014 χ^2/NDF : 66.0/42

asym_sam1_rms vs Slug



Right In: 431.281+/-0.127 χ^2/NDF : 2150179.2/17

Left Out: 343.762+/-0.057 χ^2/NDF : 539246.3/24

+ sign 358.642+/-0.052 χ^2/NDF : 3086246.9/42

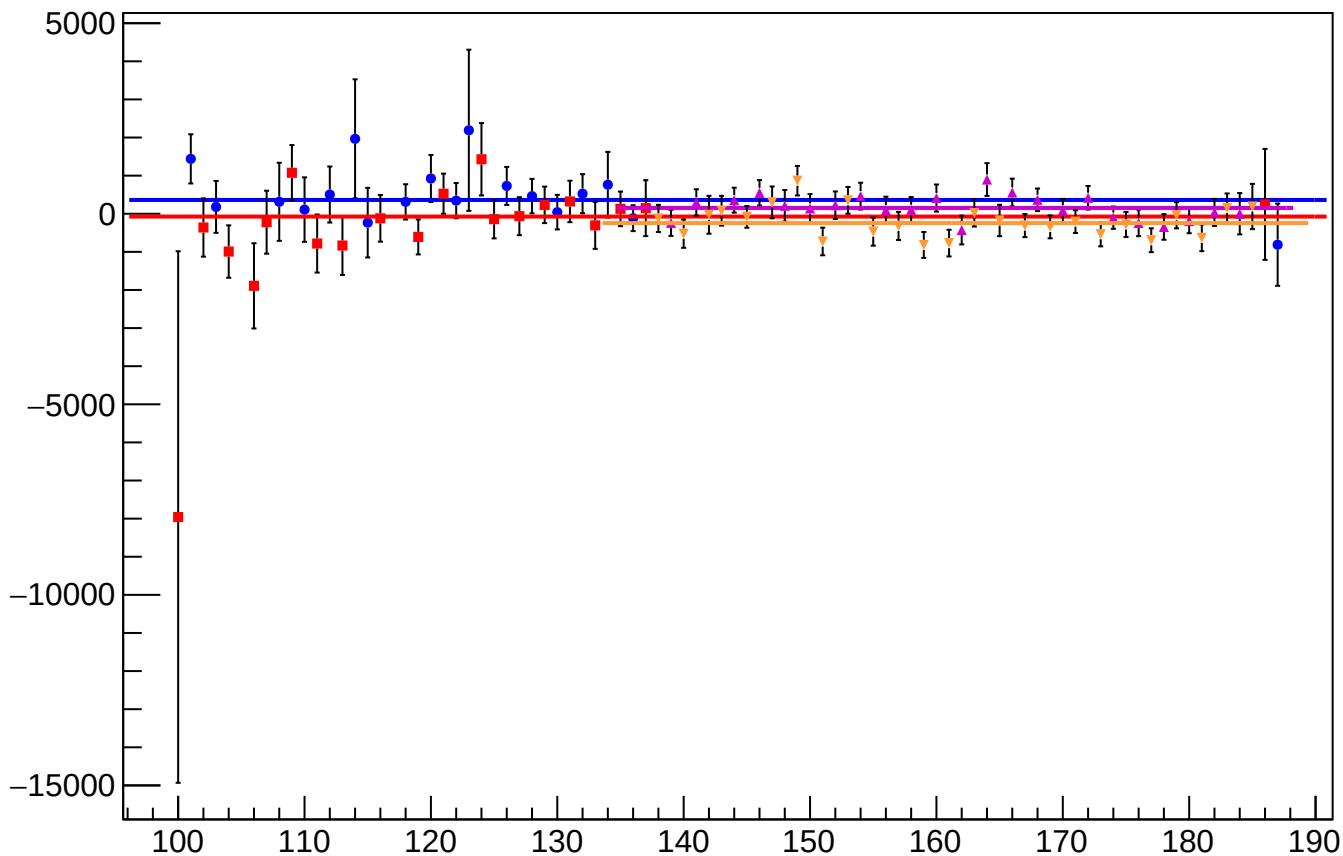
Right Out: 454.657+/-0.130 χ^2/NDF : 2656400.4/19

All: 359.064+/-0.037 χ^2/NDF : 7121750.8/85

- sign 359.499+/-0.053 χ^2/NDF : 4035371.3/42

Left In: 340.519+/-0.058 χ^2/NDF : 737049.6/22

dit_asym_sam2_mean vs Slug



Right In: 361.818+/-140.000 χ^2/NDF : 10.6/17

Left Out: -244.459+/-70.636 χ^2/NDF : 28.9/24

Right Out: -74.375+/-142.777 χ^2/NDF : 16.8/19

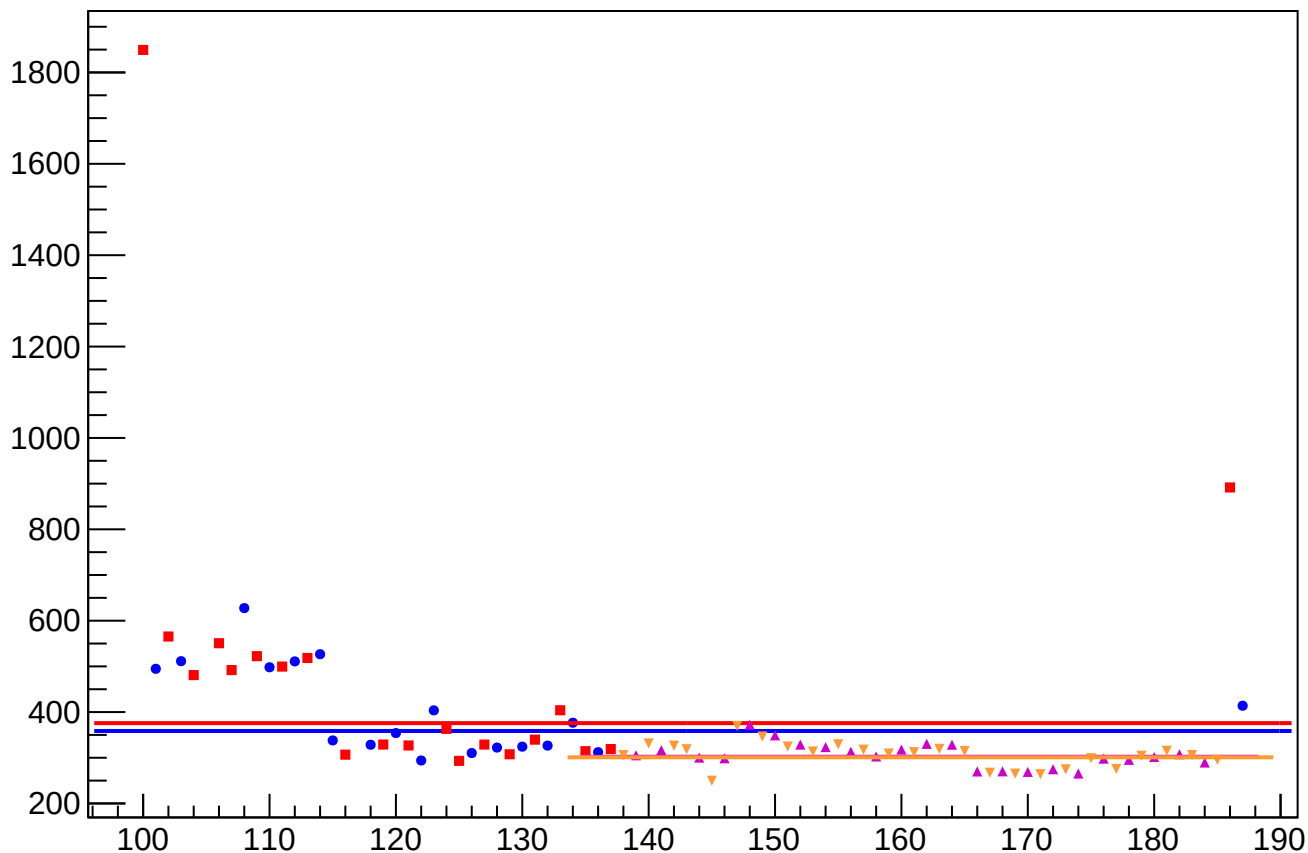
Left In: 152.030+/-72.312 χ^2/NDF : 18.2/22

+ sign -121.439+/-63.064 χ^2/NDF : 54.5/42

All: -10.390+/-45.095 χ^2/NDF : 97.8/85

- sign 105.810+/-64.510 χ^2/NDF : 37.0/42

dit_asym_sam2_rms vs Slug



Right In: 358.610 $\pm$ 0.099 χ^2 /NDF: 635006.3/17

Left Out: 300.961 $\pm$ 0.050 χ^2 /NDF:322200.5/24

Right Out: 375.806 $\pm$ 0.101 χ^2 /NDF: 1038476.8/19

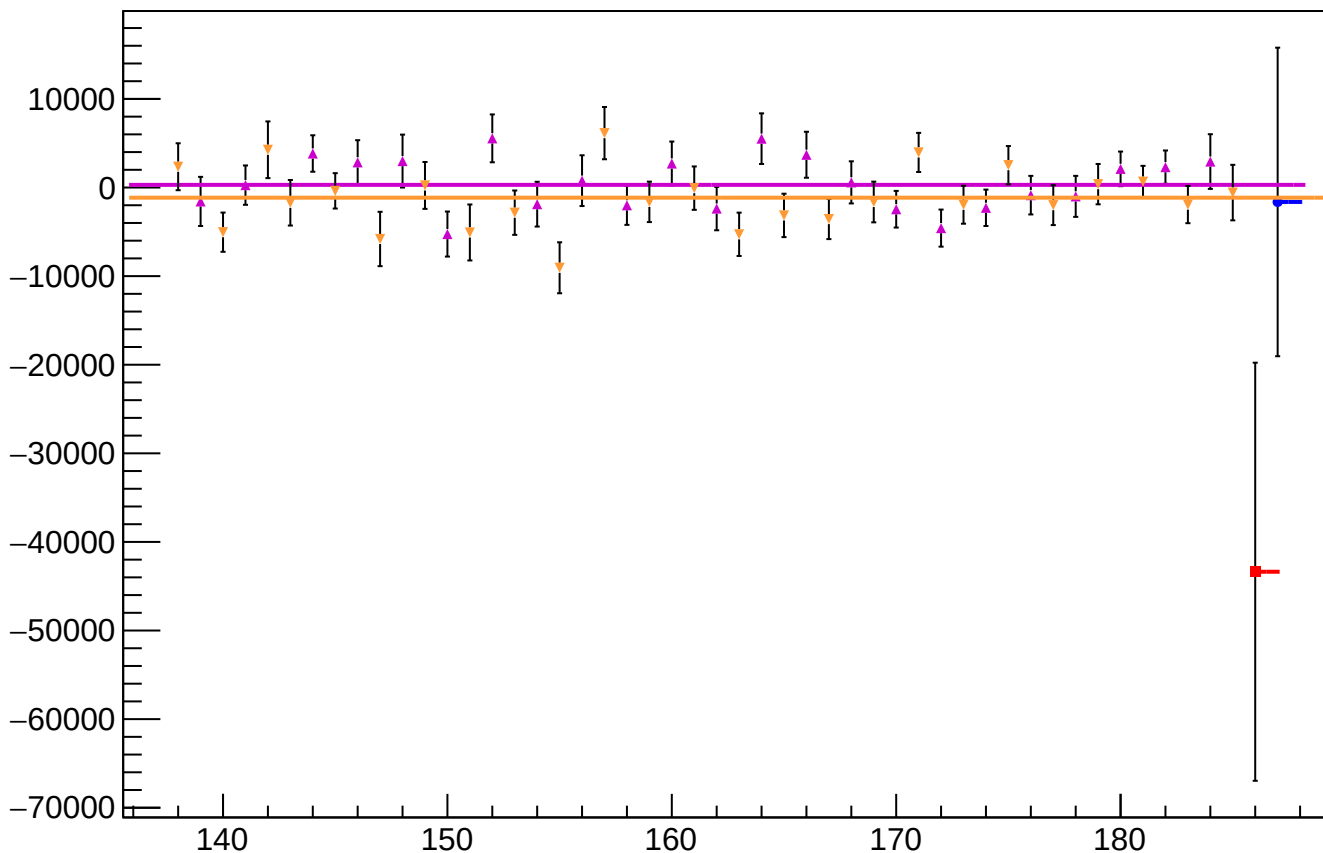
Left In: 302.180 $\pm$ 0.051 χ^2 /NDF:247468.9/22

+ sign 312.658 $\pm$ 0.045 χ^2 /NDF: 1227518.9/42

All: 314.883 $\pm$ 0.032 χ^2 /NDF: 2941829.5/85

- sign 317.210 $\pm$ 0.046 χ^2 /NDF: 1709218.6/42

asym_sam2_correction_mean vs Slug



Right In: -1628.344 $\pm$ 17412.851 χ^2 /NDF: 0.0/0

Left Out: -1146.466 $\pm$ 479.950 χ^2 /NDF:41.3/24

Right Out: -43365.102 $\pm$ 23595.508 χ^2 /NDF: 0.0/0

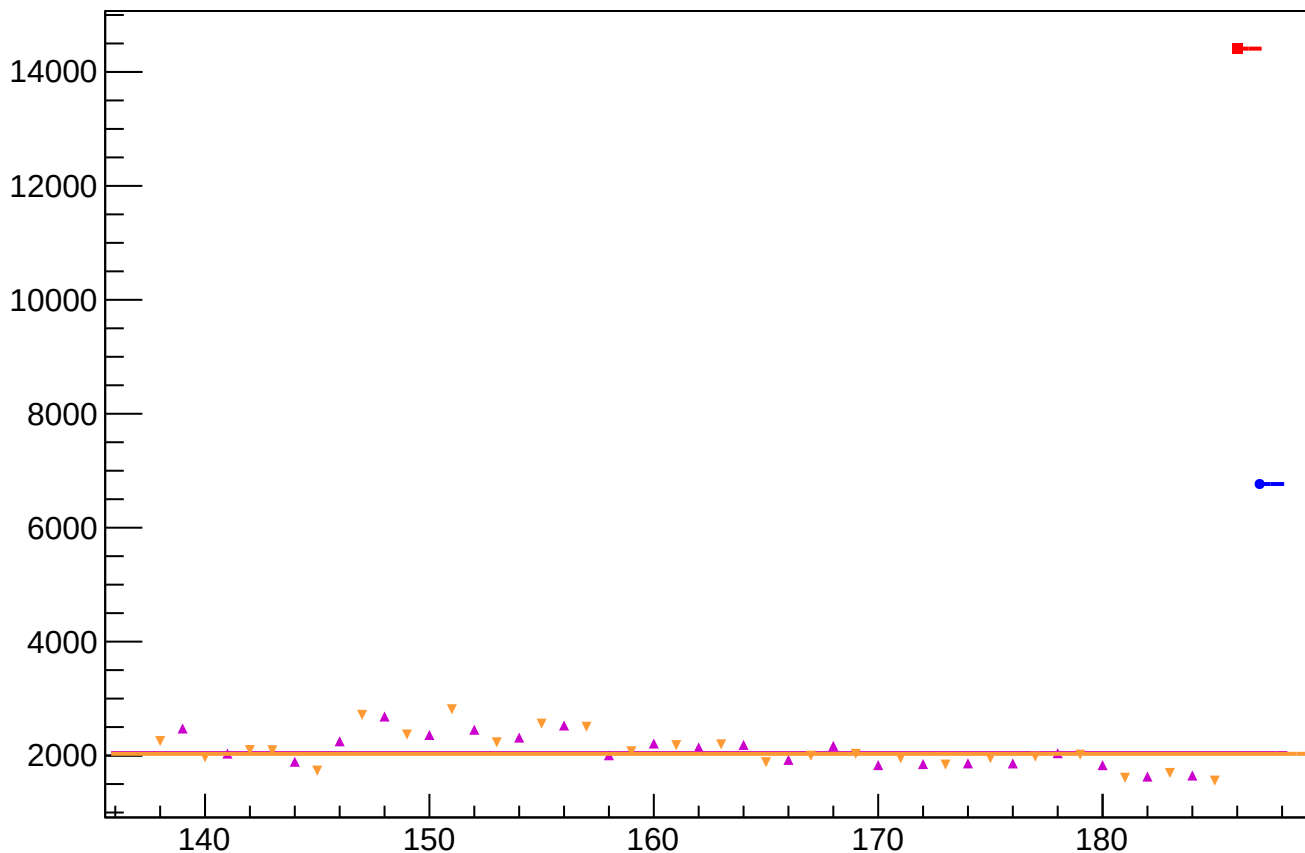
Left In: 298.915 $\pm$ 491.476 χ^2 /NDF:35.0/22

+ sign -1146.832 $\pm$ 479.768 χ^2 /NDF: 41.3/25

All: -450.468 $\pm$ 343.275 χ^2 /NDF: 84.0/49

- sign 279.980 $\pm$ 491.369 χ^2 /NDF: 38.4/23

asym_sam2_correction_rms vs Slug



Right In: 6766.758+/-12.313 χ^2/NDF : 0.0/0

Left Out: 2030.179+/-0.339 χ^2/NDF : 702523.9/24

Right Out: 14409.679+/-16.685 χ^2/NDF : 0.0/0

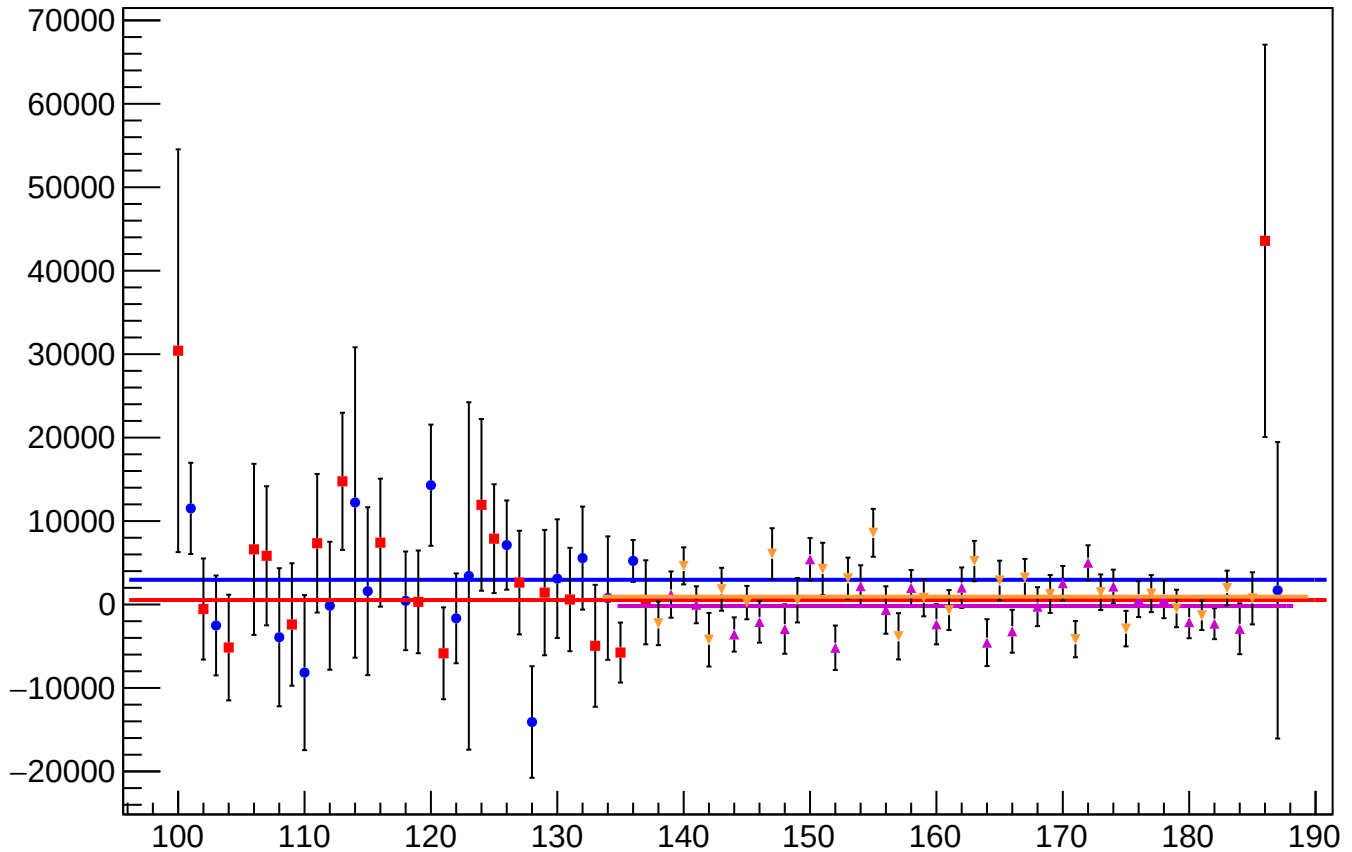
Left In: 2044.056+/-0.348 χ^2/NDF : 570535.5/22

+ sign 2033.775+/-0.339 χ^2/NDF : 850397.3/25

All: 2041.410+/-0.243 χ^2/NDF : 1971024.4/49

- sign 2049.418+/-0.347 χ^2/NDF : 1119589.4/23

asym_sam2_mean vs Slug



Right In: 2960.858 $\pm$ 1435.776 χ^2 /NDF: 17.4/17

Left Out: 942.775 $\pm$ 474.439 χ^2 /NDF: 38.3/24

Right Out: 535.568 $\pm$ 1503.977 χ^2 /NDF: 18.7/19

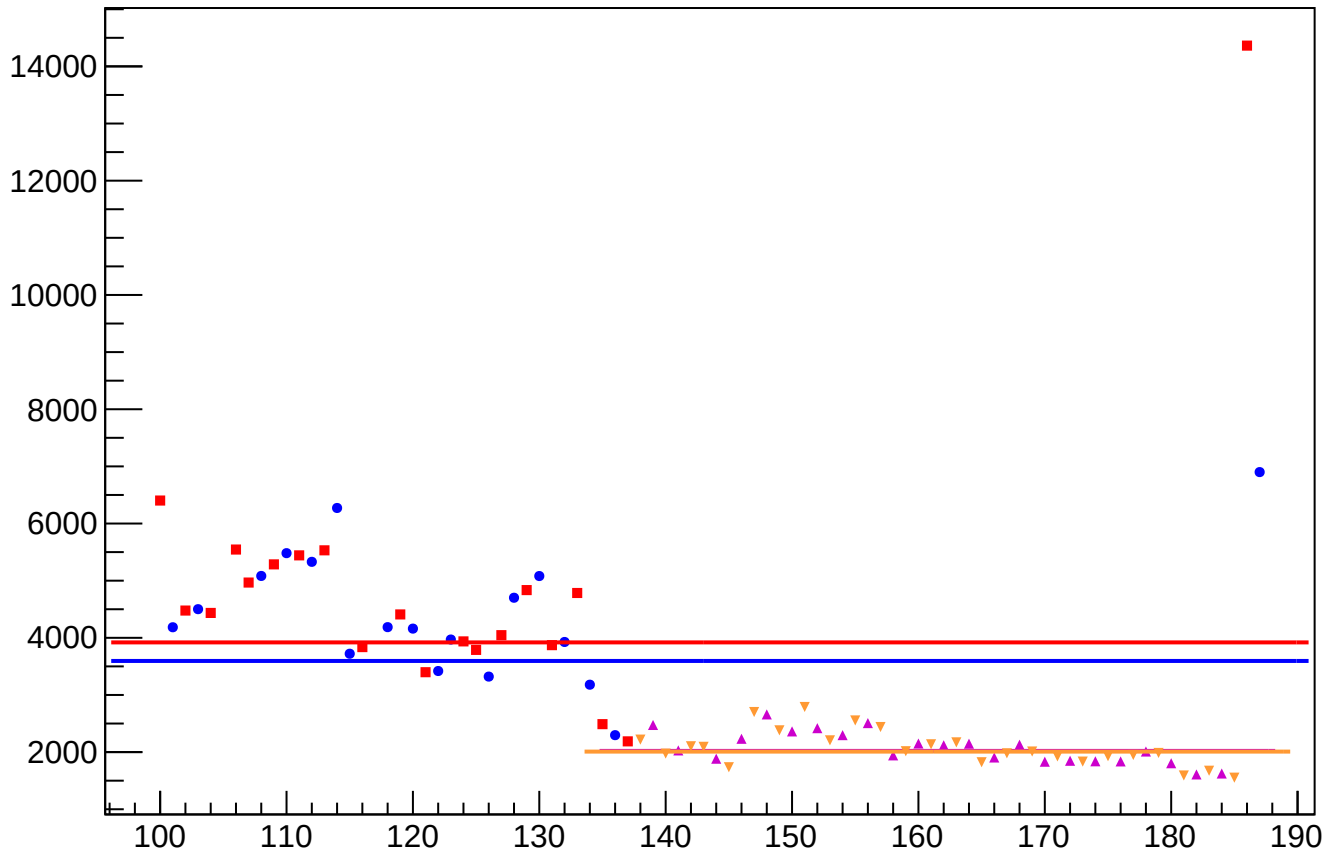
Left In: -180.087 $\pm$ 486.112 χ^2 /NDF: 32.9/22

+ sign 1141.439 $\pm$ 450.482 χ^2 /NDF: 57.4/42

All: 531.093 $\pm$ 322.721 χ^2 /NDF: 113.0/85

- sign -112.395 $\pm$ 462.550 χ^2 /NDF: 51.8/42

asym_sam2_rms vs Slug



Right In: 3595.205+/-1.015 χ^2/NDF : 1158425.5/17

Left Out: 2008.897+/-0.335 χ^2/NDF : 709254.4/24

Right Out: 3919.832+/-1.063 χ^2/NDF : 1384716.7/19

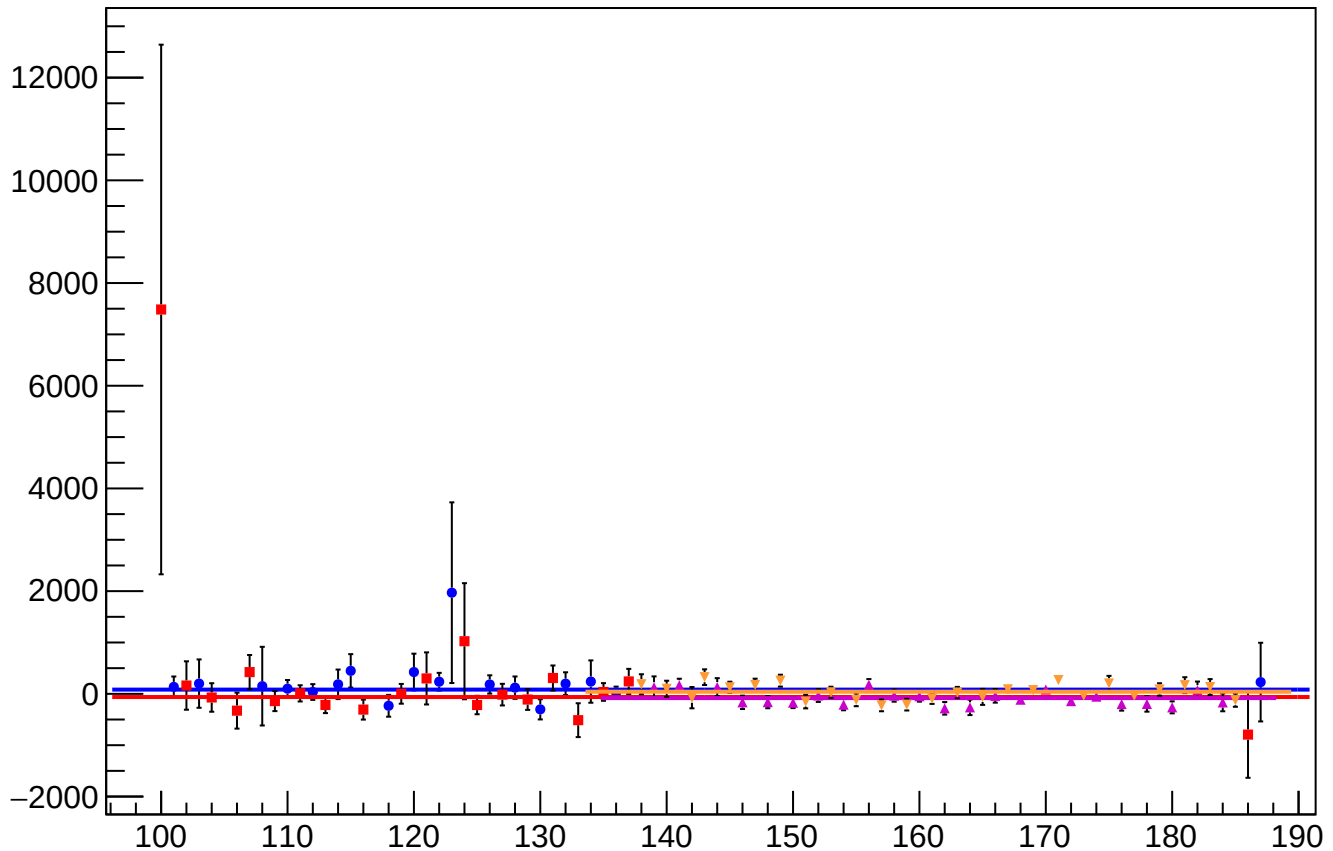
Left In: 2020.887+/-0.344 χ^2/NDF : 576363.5/22

+ sign 2165.057+/-0.319 χ^2/NDF : 4068706.4/42

All: 2182.312+/-0.228 χ^2/NDF : 8922624.5/85

- sign 2200.505+/-0.327 χ^2/NDF : 4847889.9/42

dit_asym_sam3_mean vs Slug



Right In: 82.522+/-51.788 χ^2/NDF : 11.6/17

Left Out: 41.847+/-23.035 χ^2/NDF : 39.1/24

Right Out: -61.929+/-53.060 χ^2/NDF : 17.2/19

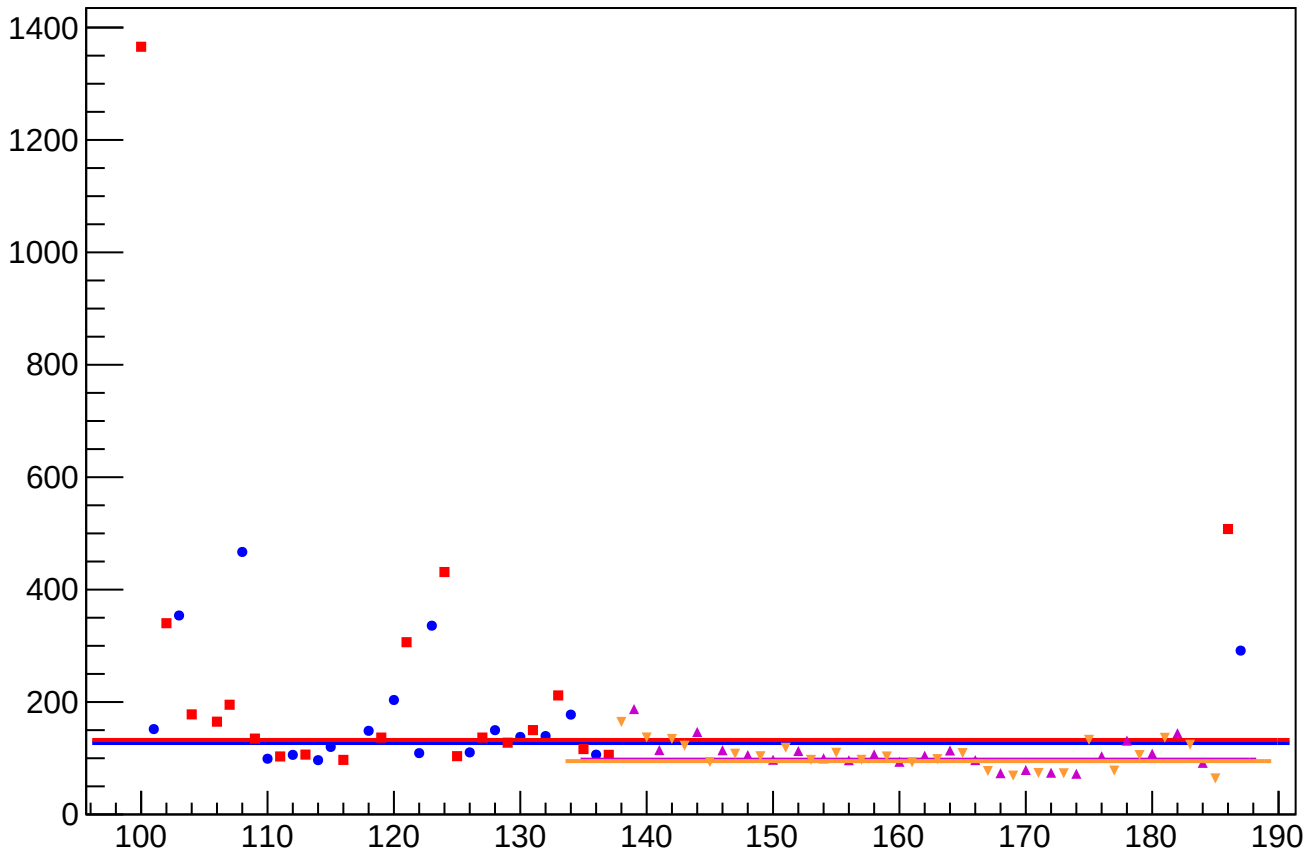
Left In: -82.630+/-24.154 χ^2/NDF : 28.6/22

+ sign 48.565+/-21.047 χ^2/NDF : 51.2/42

All: -12.481+/-15.203 χ^2/NDF : 114.7/85

- sign -79.076+/-21.983 χ^2/NDF : 45.9/42

dit_asym_sam3_rms vs Slug



Right In: 127.094 $\pm$ 0.037 χ^2 /NDF: 1403117.9/17

Left Out: 94.886 $\pm$ 0.016 χ^2 /NDF:1796861.0/24

Right Out: 132.505 $\pm$ 0.038 χ^2 /NDF: 1828722.4/19

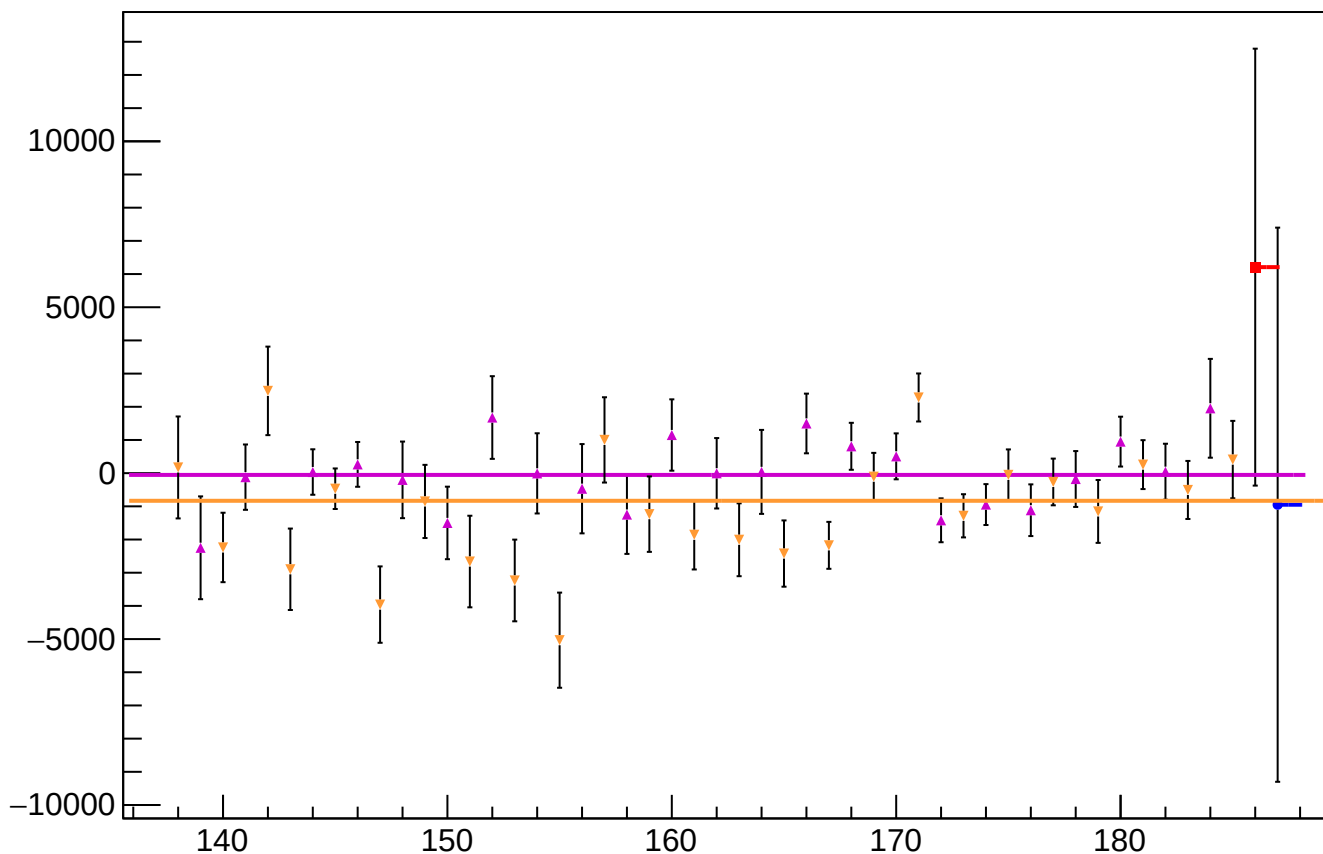
Left In: 97.499 $\pm$ 0.017 χ^2 /NDF:1561333.1/22

+ sign 100.206 $\pm$ 0.015 χ^2 /NDF: 3845757.9/42

All: 101.785 $\pm$ 0.011 χ^2 /NDF: 7980494.0/85

- sign 103.508 $\pm$ 0.016 χ^2 /NDF: 4111199.0/42

asym_sam3_correction_mean vs Slug



Right In: -950.967 $\pm$ 8349.789 χ^2 /NDF: 0.0/0

Left Out: -832.580 $\pm$ 183.960 χ^2 /NDF: 68.8/24

Right Out: 6208.527 $\pm$ 6583.370 χ^2 /NDF: 0.0/0

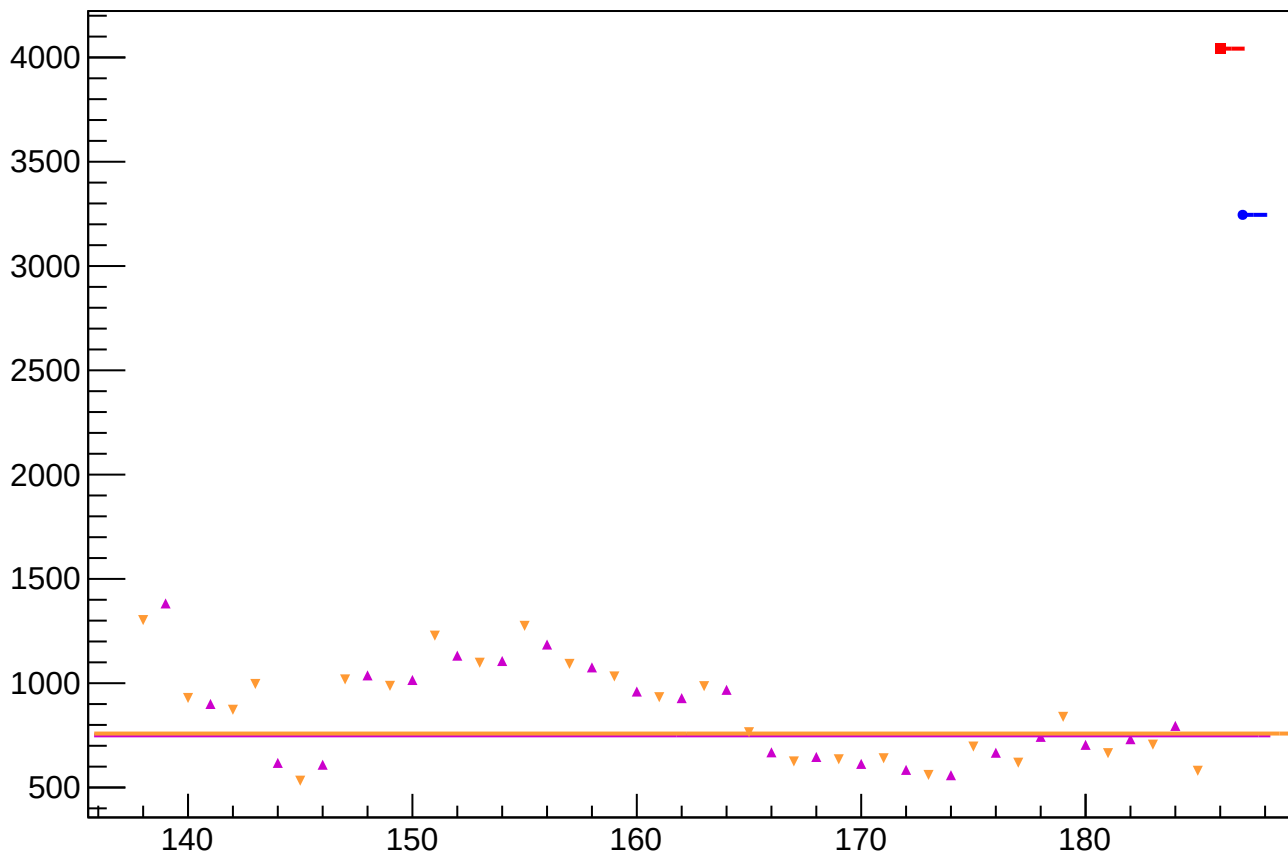
Left In: -53.006 $\pm$ 184.870 χ^2 /NDF: 25.3/22

+ sign -832.637 $\pm$ 183.916 χ^2 /NDF: 68.8/25

All: -442.231 $\pm$ 130.359 χ^2 /NDF: 104.1/49

- sign -48.072 $\pm$ 184.797 χ^2 /NDF: 26.2/23

asym_sam3_correction_rms vs Slug



Right In: 3245.385 $\pm$ 5.904 χ^2 /NDF: 0.0/0

Left Out: 758.608 $\pm$ 0.130 χ^2 /NDF:2453711.9/24

Right Out: 4042.218 $\pm$ 4.655 χ^2 /NDF: 0.0/0

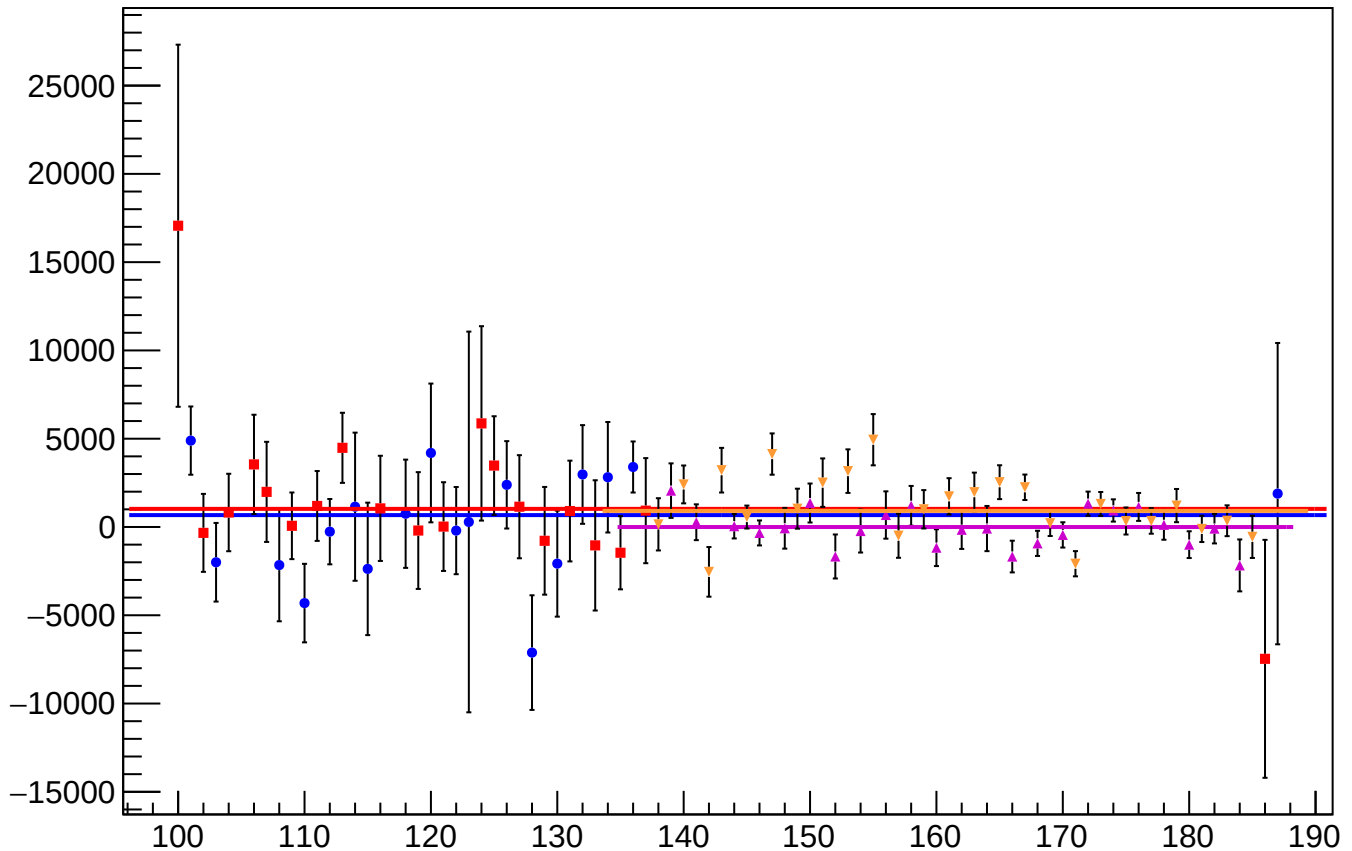
Left In: 749.995 $\pm$ 0.131 χ^2 /NDF:2186634.5/22

+ sign 759.814 $\pm$ 0.130 χ^2 /NDF: 2631025.5/25

All: 756.219 $\pm$ 0.092 χ^2 /NDF: 5318964.8/49

- sign 752.589 $\pm$ 0.131 χ^2 /NDF: 2686403.5/23

asym_sam3_mean vs Slug



Right In: 672.847 $\pm$ 617.219 χ^2 /NDF: 25.7/17

Left Out: 911.919 $\pm$ 186.104 χ^2 /NDF: 64.9/24

Right Out: 1026.341 $\pm$ 600.244 χ^2 /NDF: 12.6/19

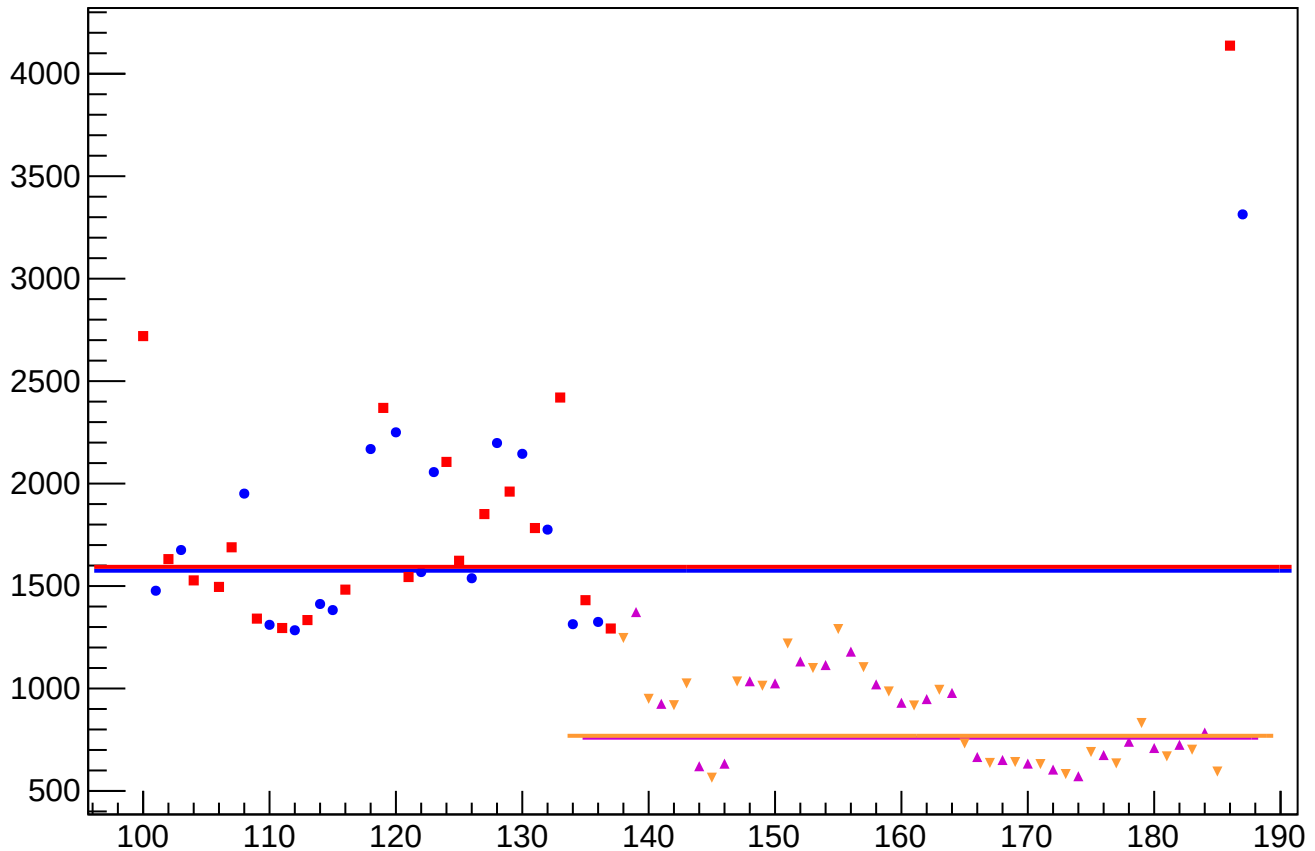
Left In: -2.470 $\pm$ 187.271 χ^2 /NDF: 25.6/22

+ sign 891.995 $\pm$ 178.181 χ^2 /NDF: 90.7/42

All: 491.724 $\pm$ 126.202 χ^2 /NDF: 141.7/85

- sign 88.791 $\pm$ 178.772 χ^2 /NDF: 40.9/42

asym_sam3_rms vs Slug



Right In: 1574.767 ± 0.436 $\chi^2/\text{NDF}: 574275.3/17$

Left Out: 769.207 ± 0.132 $\chi^2/\text{NDF}: 2275390.6/24$

Right Out: 1593.709 ± 0.424 $\chi^2/\text{NDF}: 749262.5/19$

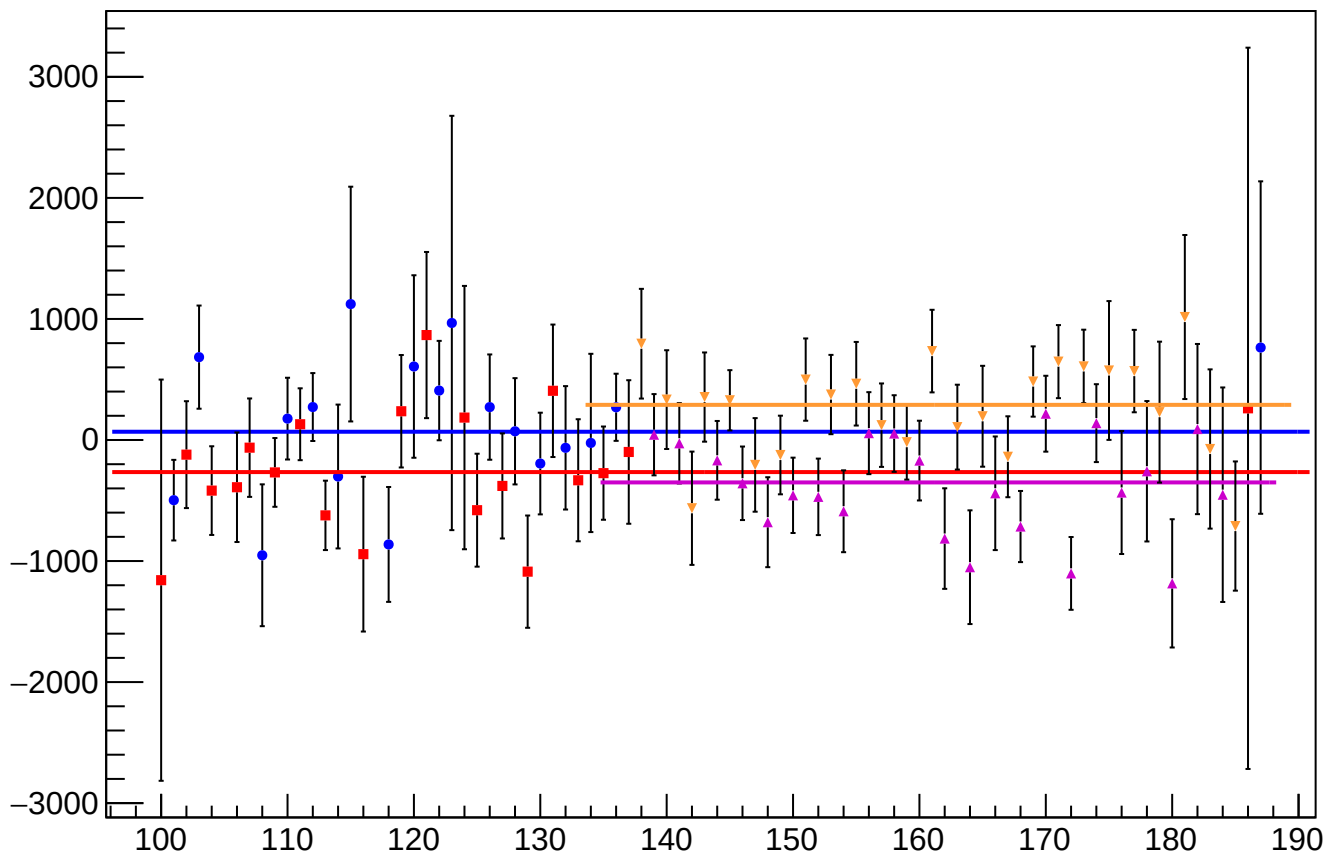
Left In: 759.935 ± 0.132 $\chi^2/\text{NDF}: 2014703.5/22$

+ sign 836.341 ± 0.126 $\chi^2/\text{NDF}: 5972559.3/42$

All: 835.122 ± 0.089 $\chi^2/\text{NDF}: 12253373.7/85$

- sign 833.895 ± 0.126 $\chi^2/\text{NDF}: 6280626.5/42$

dit_asym_sam4_mean vs Slug



Right In: 68.179 ± 105.028 $\chi^2/\text{NDF}: 17.0/17$

Left Out: 290.293 ± 72.910 $\chi^2/\text{NDF}: 22.3/24$

Right Out: -265.075 ± 99.324 $\chi^2/\text{NDF}: 14.7/19$

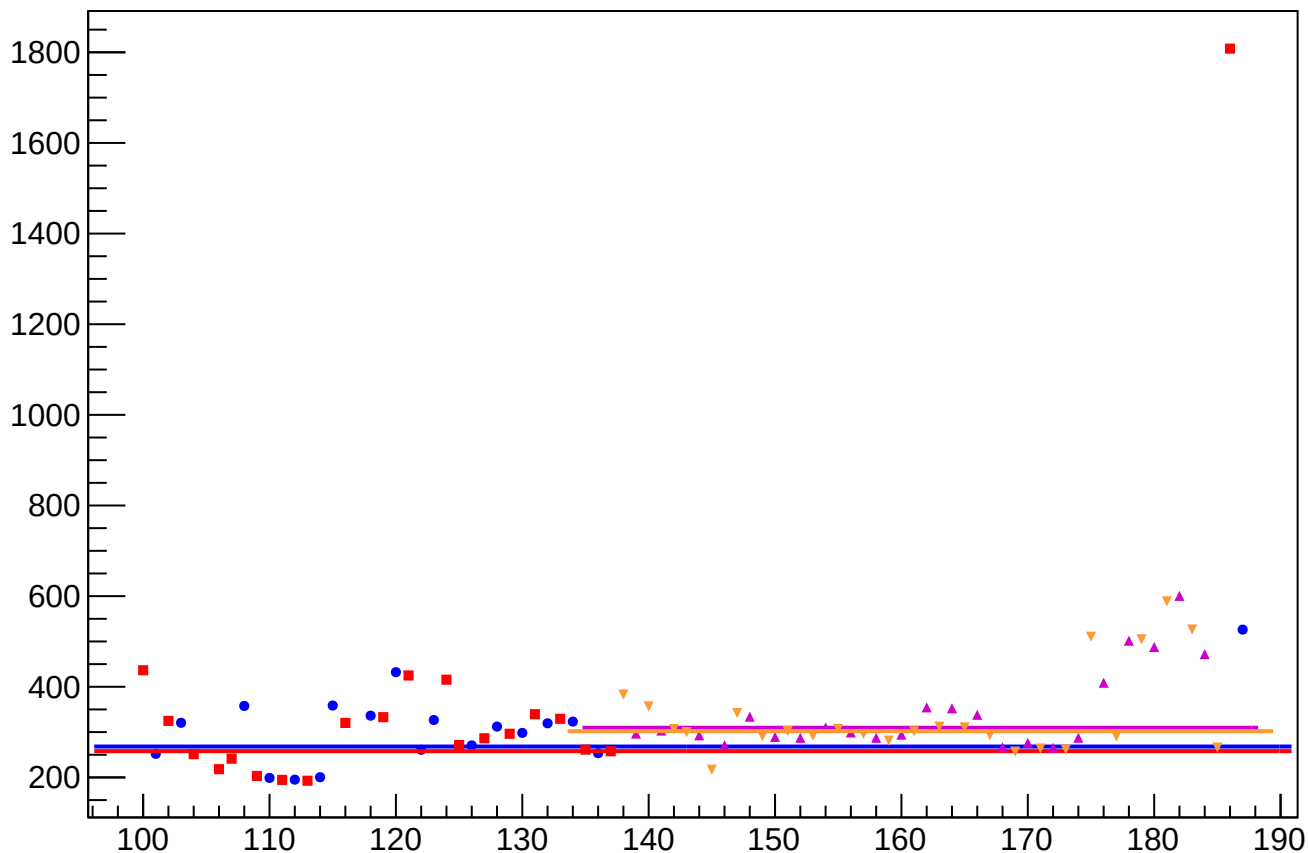
Left In: -350.522 ± 75.911 $\chi^2/\text{NDF}: 27.4/22$

+ sign 218.063 ± 59.893 $\chi^2/\text{NDF}: 42.4/42$

All: -48.600 ± 42.498 $\chi^2/\text{NDF}: 124.9/85$

- sign -319.015 ± 60.313 $\chi^2/\text{NDF}: 42.6/42$

dit_asym_sam4_rms vs Slug



Right In: 268.143 $\pm$ 0.074 χ^2 /NDF: 621796.5/17

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

Right Out: 257.993 $\pm$ 0.070 χ^2 /NDF: 1238851.8/19

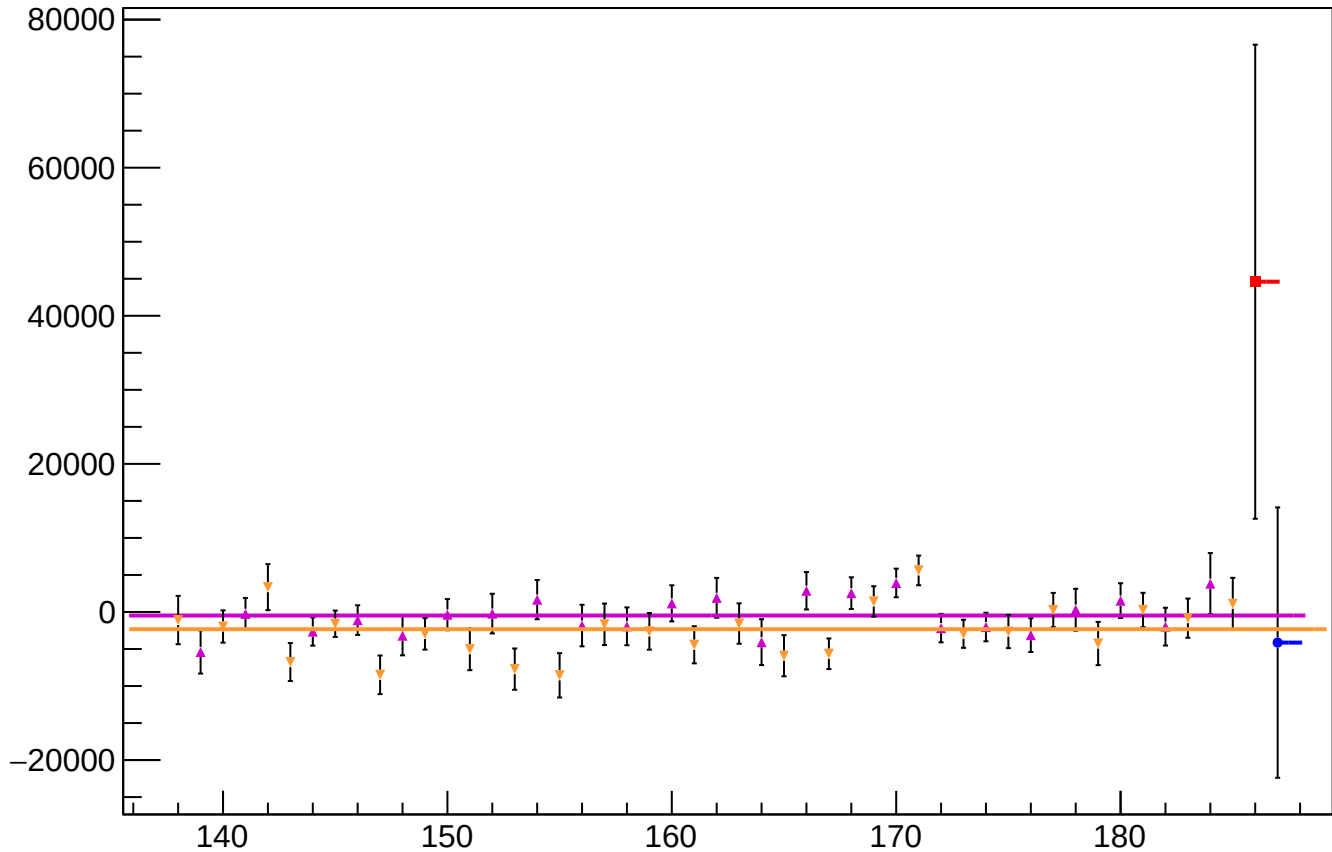
Left In: 309.609 $\pm$ 0.054 χ^2 /NDF: 1180280.8/22

+ sign 291.017 $\pm$ 0.042 χ^2 /NDF: 2359615.4/42

All: 290.798 $\pm$ 0.030 χ^2 /NDF: 5119767.2/85

- sign 290.577 $\pm$ 0.043 χ^2 /NDF: 2760098.1/42

asym_sam4_correction_mean vs Slug



Right In: -4133.956 ± 18260.346 χ^2/NDF : 0.0/0

Left Out: -2325.488 ± 486.043 χ^2/NDF : 49.8/24

Right Out: 44602.426 ± 32012.932 χ^2/NDF : 0.0/0

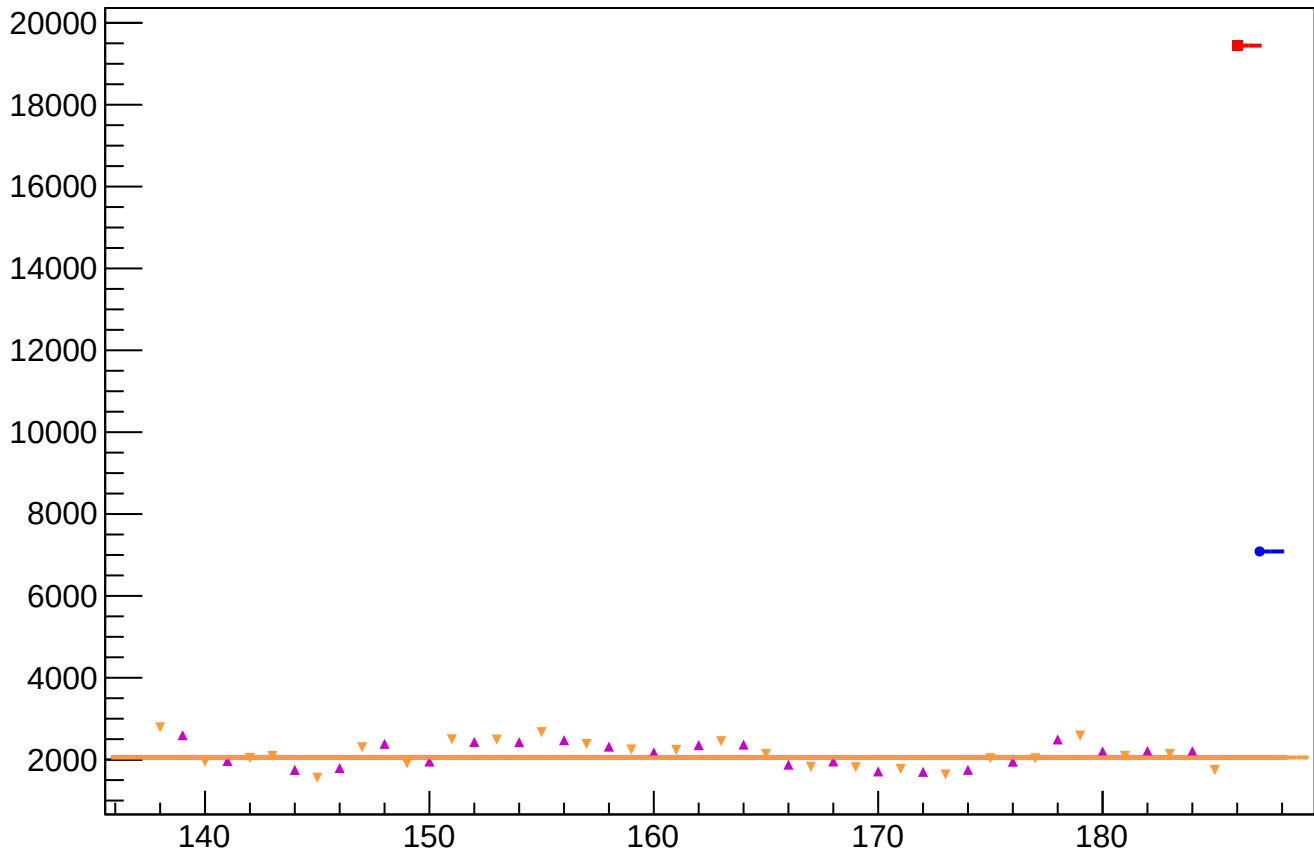
Left In: -477.779 ± 494.228 χ^2/NDF : 23.1/22

+ sign -2326.768 ± 485.871 χ^2/NDF : 49.8/25

All: -1412.648 ± 346.459 χ^2/NDF : 82.1/49

- sign -467.037 ± 494.169 χ^2/NDF : 25.0/23

asym_sam4_correction_rms vs Slug



Right In: 7085.560 $\pm$ 12.912 χ^2 /NDF: 0.0/0

Left Out: 2052.401 $\pm$ 0.344 χ^2 /NDF: 838023.2/24

Right Out: 19444.421 $\pm$ 22.637 χ^2 /NDF: 0.0/0

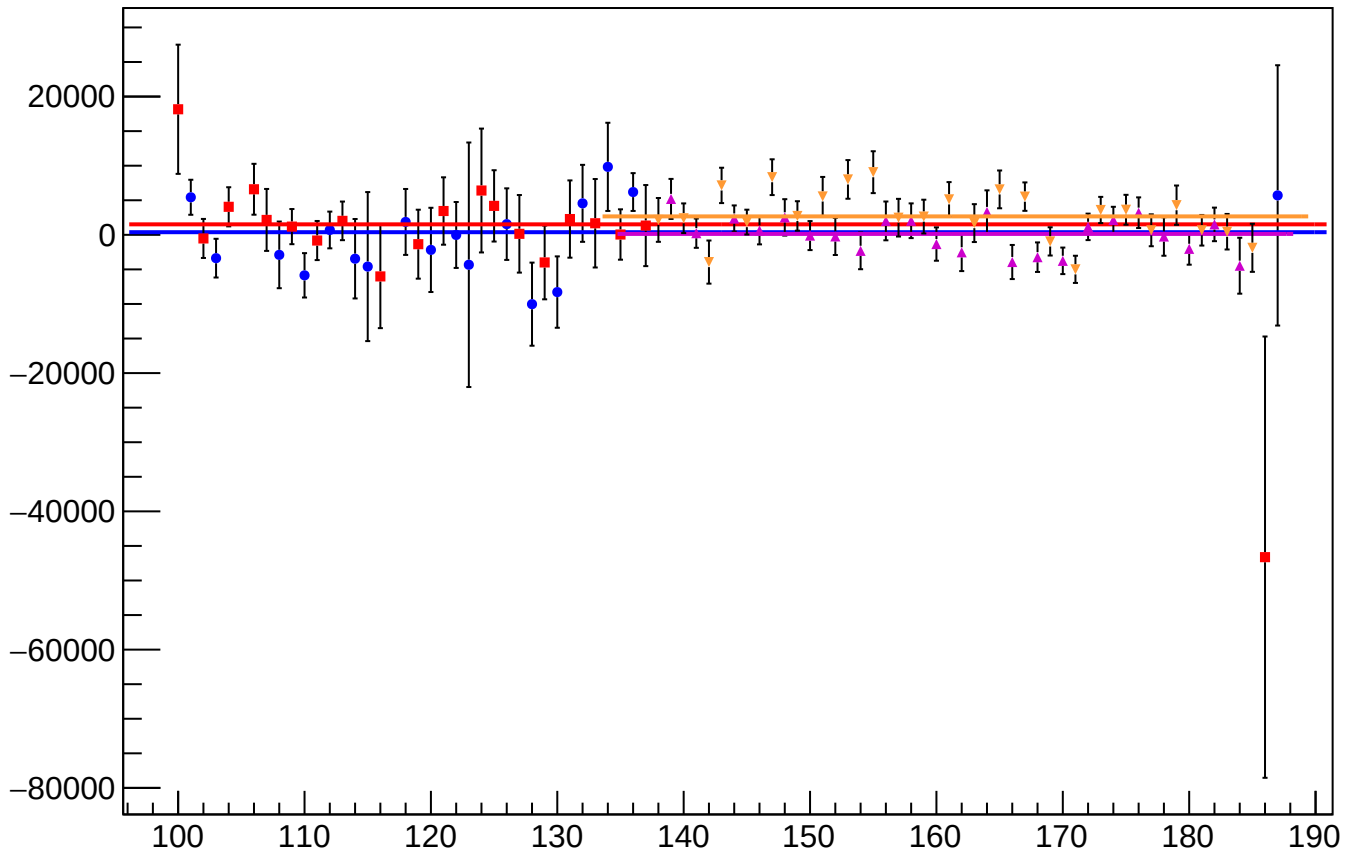
Left In: 2052.384 $\pm$ 0.349 χ^2 /NDF: 653872.2/22

+ sign 2055.964 $\pm$ 0.344 χ^2 /NDF: 989863.0/25

All: 2056.241 $\pm$ 0.245 χ^2 /NDF: 2233905.7/49

- sign 2056.528 $\pm$ 0.349 χ^2 /NDF: 1244041.4/23

asym_sam4_mean vs Slug



Right In: 381.247 ± 991.104 $\chi^2/\text{NDF}: 24.3/17$

Left Out: 2667.050 ± 480.963 $\chi^2/\text{NDF}: 50.0/24$

Right Out: 1517.038 ± 923.616 $\chi^2/\text{NDF}: 12.8/19$

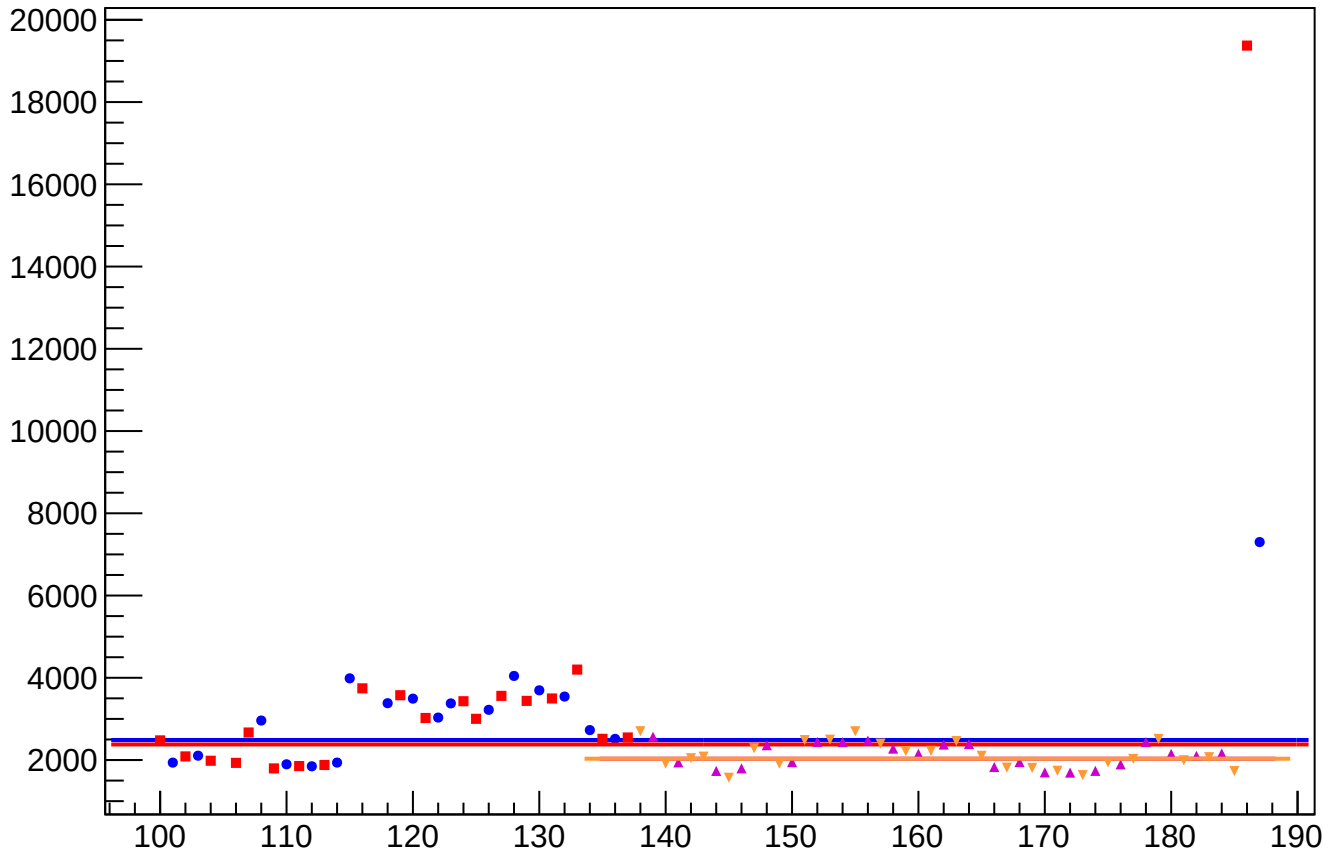
Left In: 132.307 ± 489.752 $\chi^2/\text{NDF}: 24.7/22$

+ sign 2231.356 ± 432.704 $\chi^2/\text{NDF}: 78.5/42$

All: 1333.743 ± 305.961 $\chi^2/\text{NDF}: 126.4/85$

- sign 436.205 ± 432.686 $\chi^2/\text{NDF}: 39.3/42$

asym_sam4_rms vs Slug



Right In: 2487.762+/-0.701 χ^2 /NDF: 1037305.0/17

Left Out: 2032.502+/-0.340 χ^2 /NDF:824418.6/24

+ sign 2119.279+/-0.306 χ^2 /NDF: 2203284.5/42

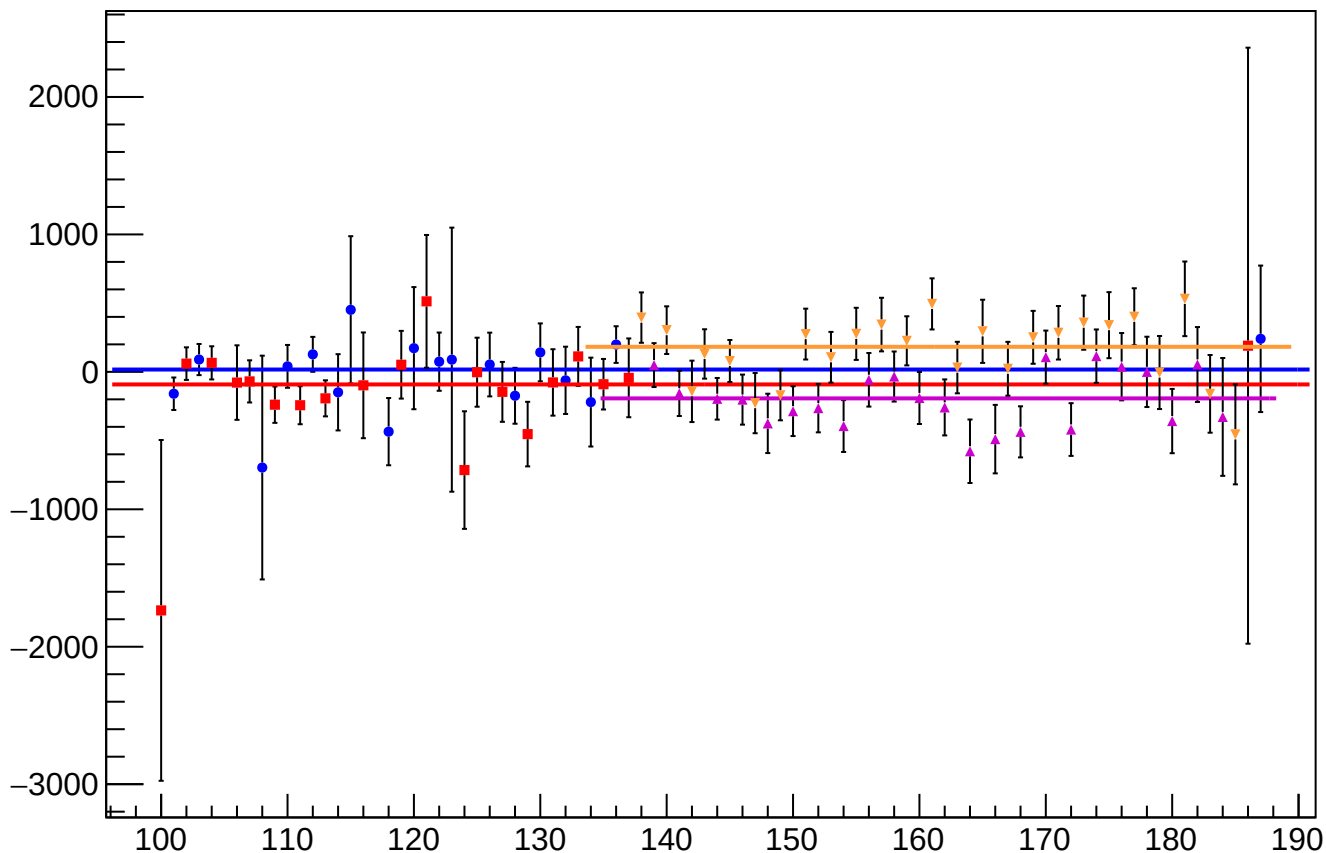
Right Out: 2378.751+/-0.653 χ^2 /NDF: 1590933.9/19

All: 2113.569+/-0.216 χ^2 /NDF: 4668715.2/85

Left In: 2031.692+/-0.346 χ^2 /NDF:653382.0/22

- sign 2107.859+/-0.306 χ^2 /NDF: 2464734.2/42

dit_asym_sam5_mean vs Slug



Right In: 17.000 ± 46.268 $\chi^2/\text{NDF}: 12.7/17$

Left Out: 182.238 ± 40.102 $\chi^2/\text{NDF}: 26.9/24$

Right Out: -91.521 ± 43.310 $\chi^2/\text{NDF}: 15.7/19$

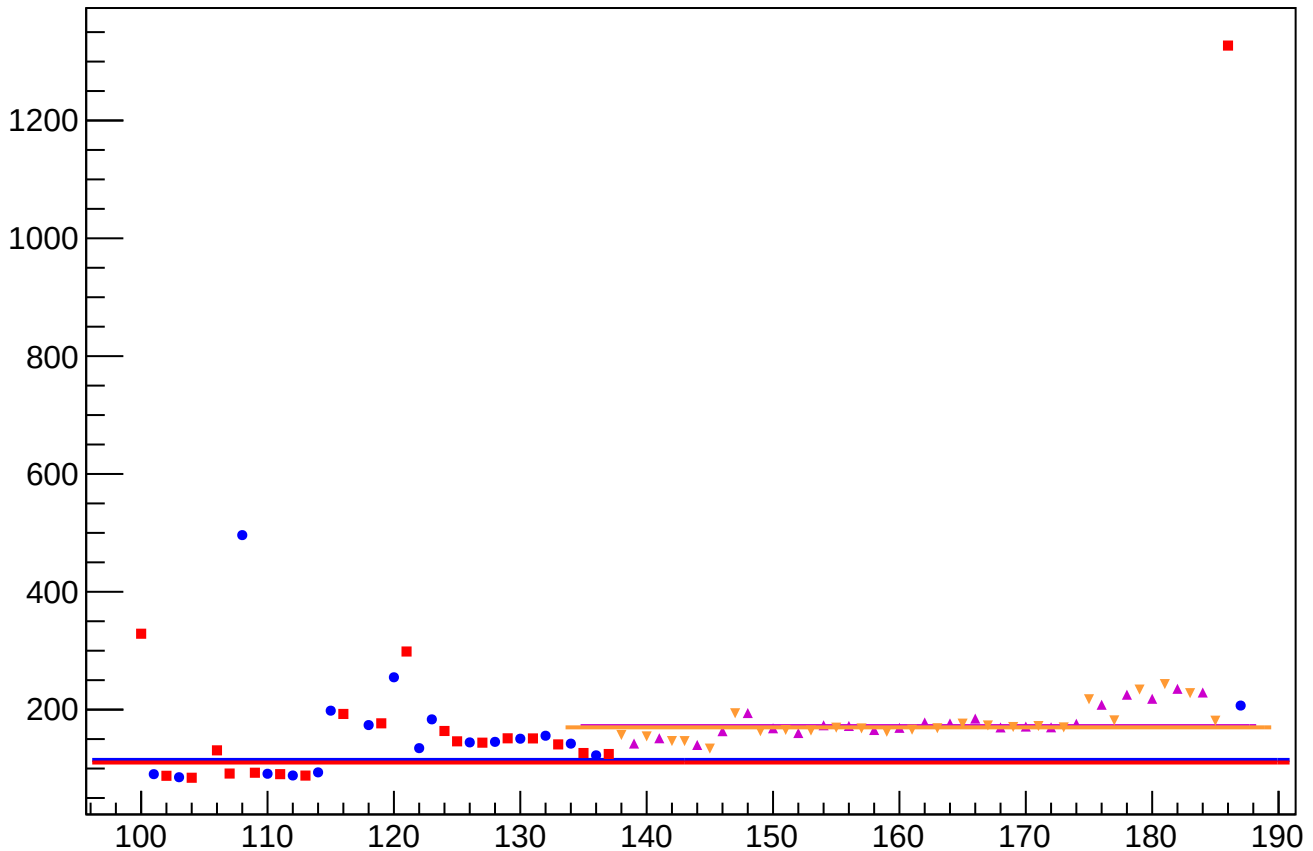
Left In: -193.004 ± 41.384 $\chi^2/\text{NDF}: 21.1/22$

+ sign 111.356 ± 30.304 $\chi^2/\text{NDF}: 47.0/42$

All: -18.234 ± 21.291 $\chi^2/\text{NDF}: 122.7/85$

- sign -144.568 ± 29.921 $\chi^2/\text{NDF}: 39.6/42$

dit_asym_sam5_rms vs Slug



Right In: 114.632 $\pm$ 0.033 χ^2 /NDF: 1468238.4/17

Left Out: 169.906 $\pm$ 0.028 χ^2 /NDF: 663159.2/24

Right Out: 110.195 $\pm$ 0.031 χ^2 /NDF: 1872252.5/19

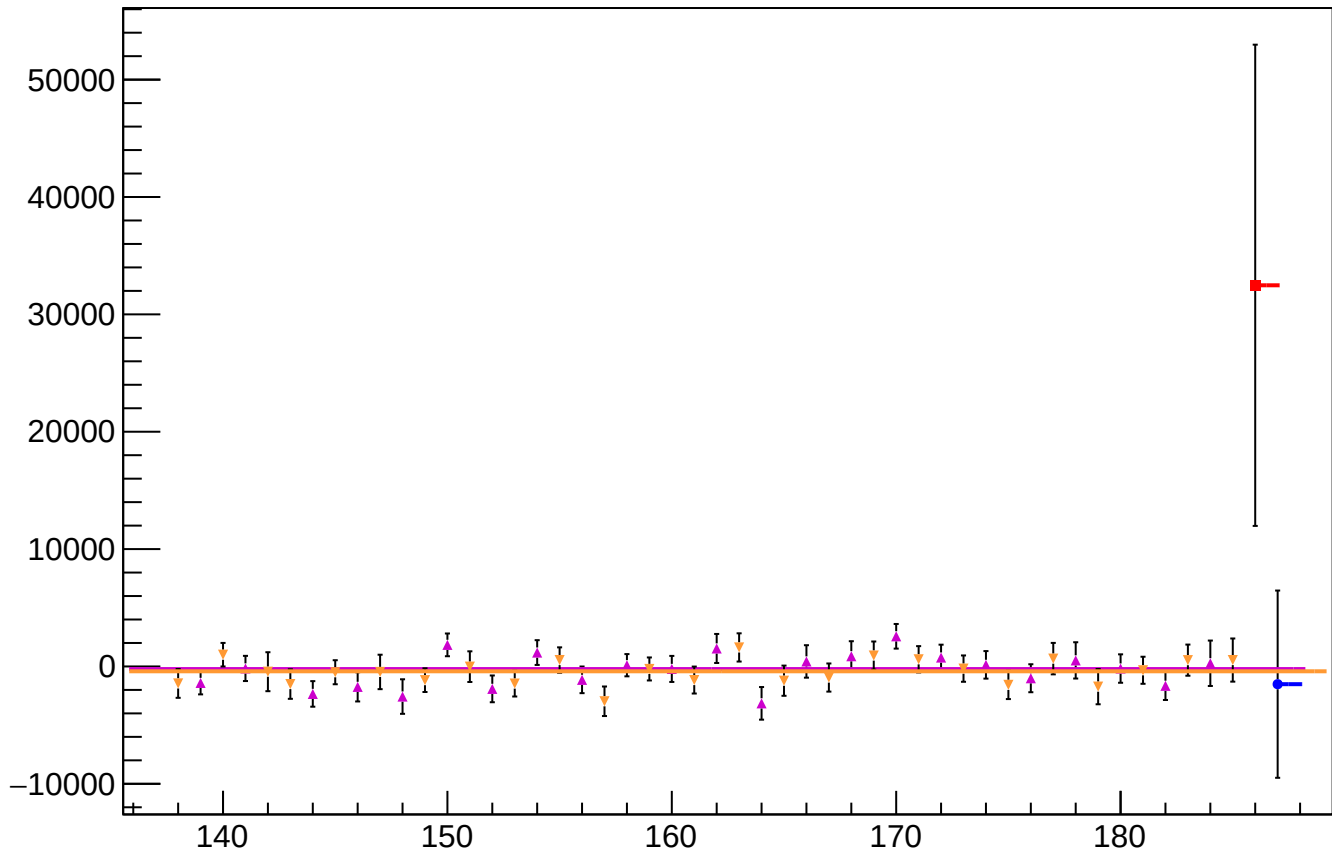
Left In: 172.065 $\pm$ 0.029 χ^2 /NDF: 589733.9/22

+ sign 146.195 $\pm$ 0.021 χ^2 /NDF: 3761295.6/42

All: 144.342 $\pm$ 0.015 χ^2 /NDF: 8371549.1/85

- sign 142.536 $\pm$ 0.021 χ^2 /NDF: 4595484.8/42

asym_sam5_correction_mean vs Slug



Right In: -1510.577 $\pm$ 7977.369 χ^2 /NDF: 0.0/0

Left Out: -412.804 $\pm$ 240.278 χ^2 /NDF:19.0/24

Right Out: 32476.983 $\pm$ 20502.790 χ^2 /NDF: 0.0/0

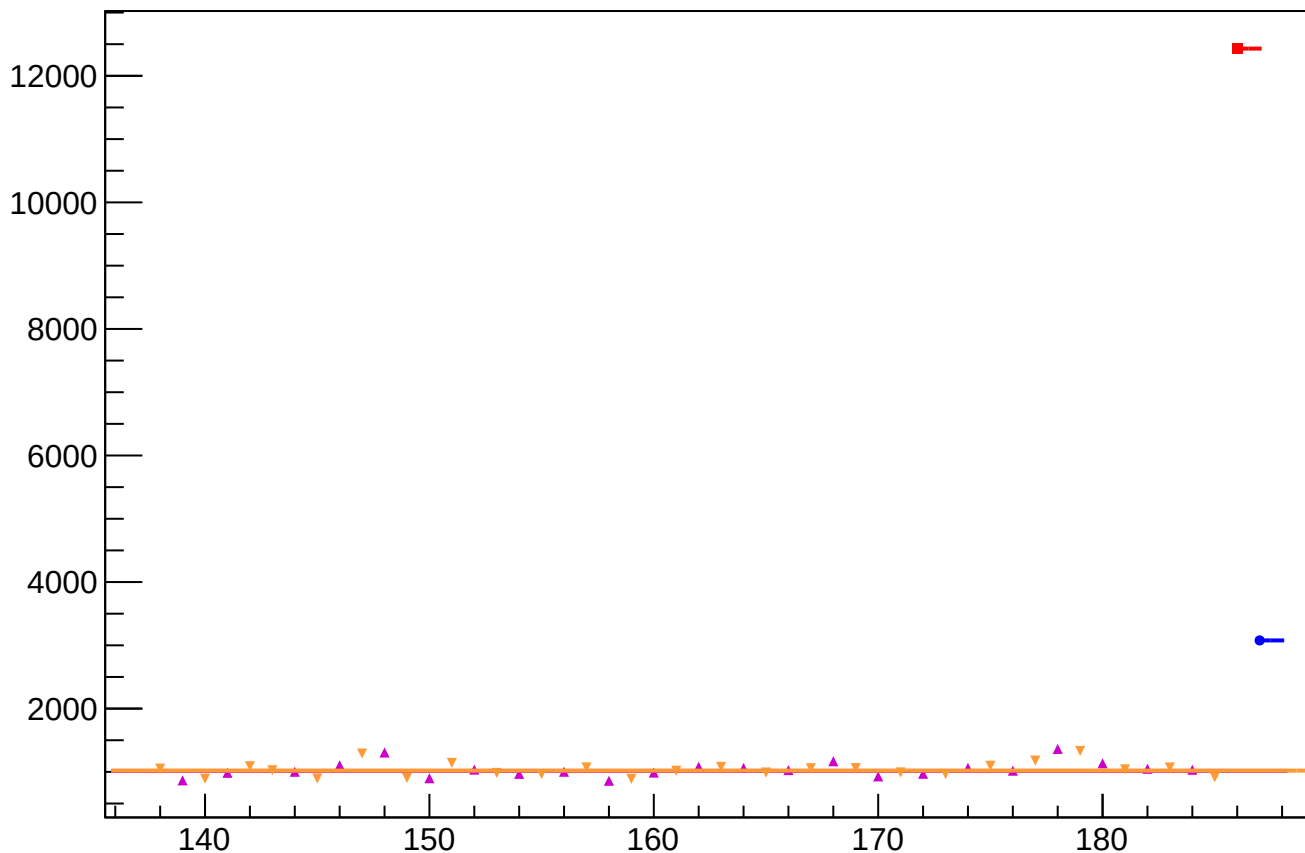
Left In: -223.332 $\pm$ 243.771 χ^2 /NDF:36.0/22

+ sign -413.799 $\pm$ 240.169 χ^2 /NDF: 19.1/25

All: -317.700 $\pm$ 171.079 χ^2 /NDF: 57.9/49

- sign -218.710 $\pm$ 243.754 χ^2 /NDF: 38.5/23

asym_sam5_correction_rms vs Slug



Right In: 3077.567 $\pm$ 5.641 χ^2 /NDF: 0.0/0

Left Out: 1020.149 $\pm$ 0.170 χ^2 /NDF: 369866.7/24

Right Out: 12430.459 $\pm$ 14.498 χ^2 /NDF: 0.0/0

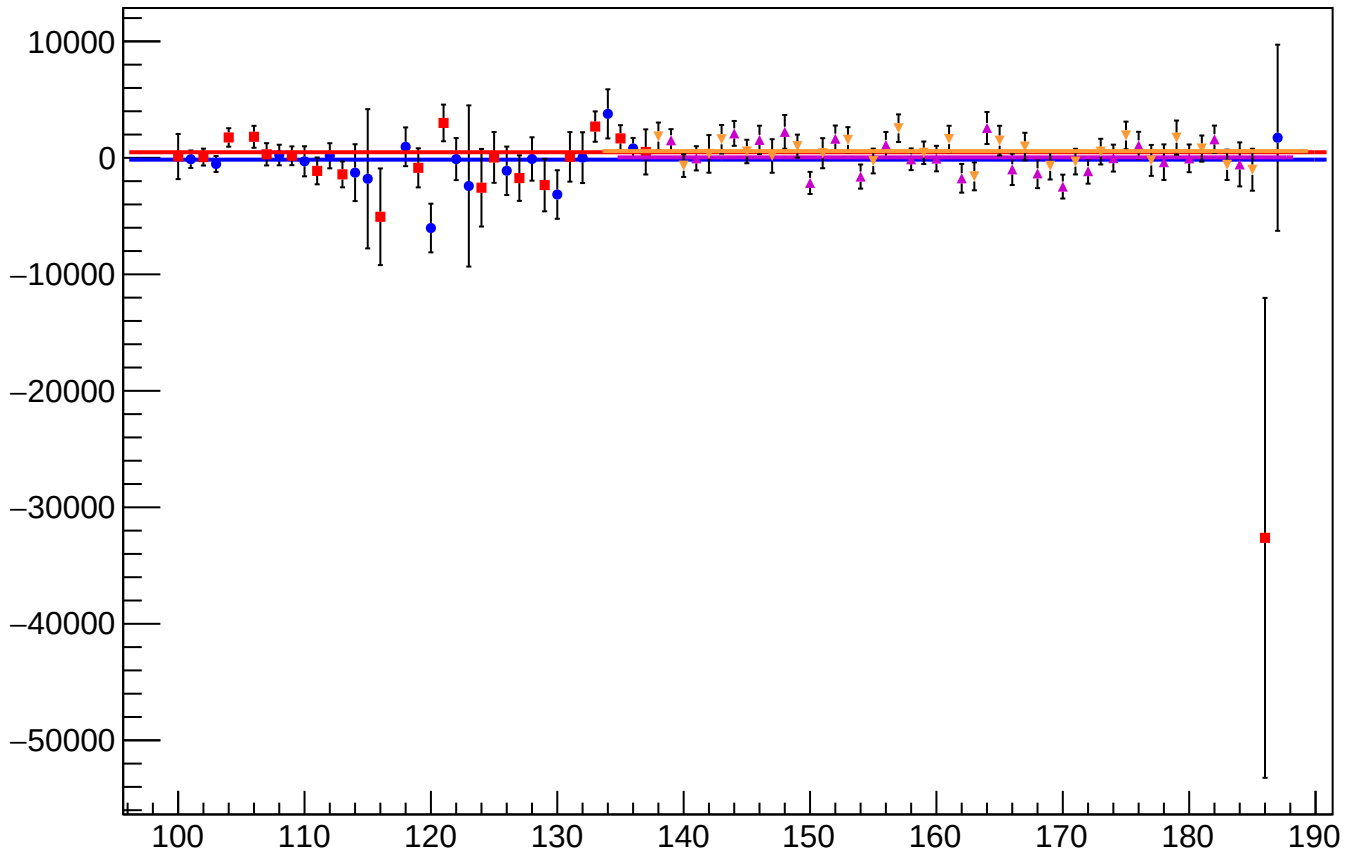
Left In: 1015.000 $\pm$ 0.172 χ^2 /NDF: 404865.5/22

+ sign 1022.014 $\pm$ 0.170 χ^2 /NDF: 502778.1/25

All: 1019.353 $\pm$ 0.121 χ^2 /NDF: 1528052.9/49

- sign 1016.613 $\pm$ 0.172 χ^2 /NDF: 1024776.6/23

asym_sam5_mean vs Slug



Right In: -154.301 ± 312.261 χ^2/NDF : 16.3/17

Left Out: 580.226 ± 235.583 χ^2/NDF : 18.4/24

Right Out: 482.346 ± 282.732 χ^2/NDF : 25.2/19

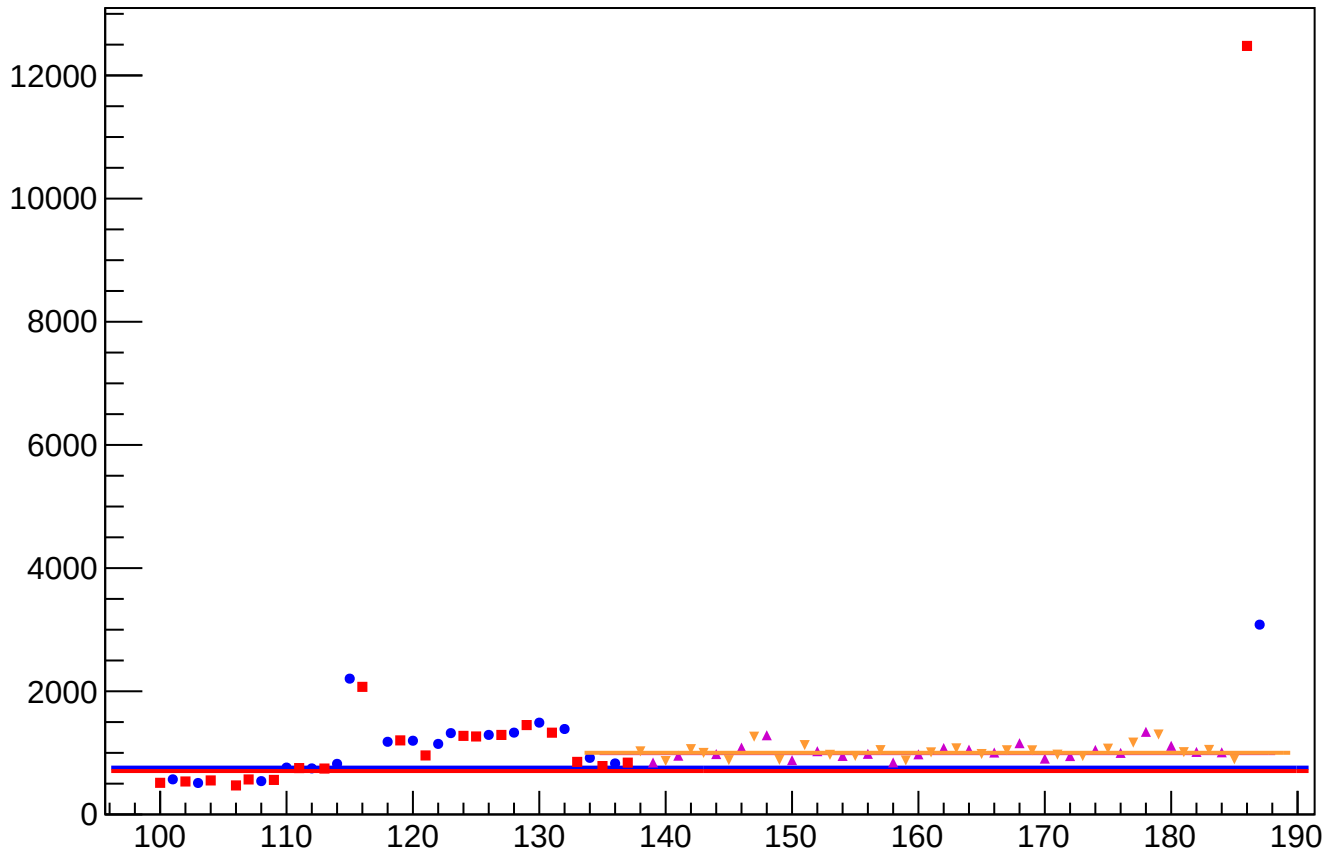
Left In: 42.397 ± 239.278 χ^2/NDF : 37.9/22

+ sign 313.794 ± 188.065 χ^2/NDF : 38.2/42

All: 268.615 ± 131.025 χ^2/NDF : 102.8/85

- sign 226.001 ± 182.648 χ^2/NDF : 64.5/42

asym_sam5_rms vs Slug



Right In: 760.536 $\pm$ 0.221 χ^2 /NDF: 1880392.8/17

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

Right Out: 704.875 $\pm$ 0.200 χ^2 /NDF: 2343115.9/19

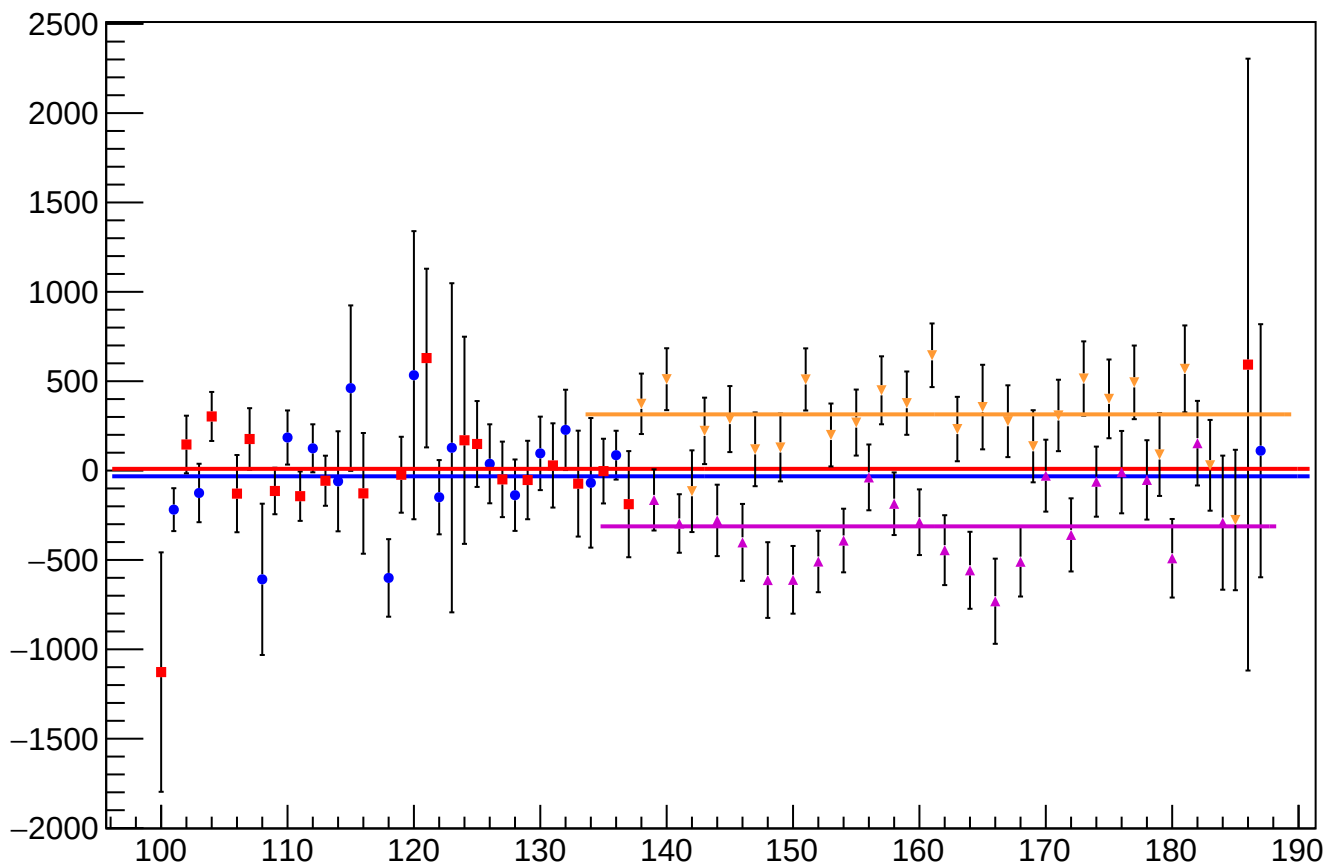
Left In: 995.590 $\pm$ 0.169 χ^2 /NDF: 424434.6/22

+ sign 913.926 $\pm$ 0.133 χ^2 /NDF: 3007958.6/42

All: 893.516 $\pm$ 0.093 χ^2 /NDF: 7053363.0/85

- sign 874.266 $\pm$ 0.129 χ^2 /NDF: 3999632.3/42

dit_asym_sam6_mean vs Slug



Right In: -32.024 ± 48.318 χ^2/NDF : 19.8/17

Left Out: 314.517 ± 39.818 χ^2/NDF : 21.4/24

Right Out: 9.690 ± 45.583 χ^2/NDF : 14.8/19

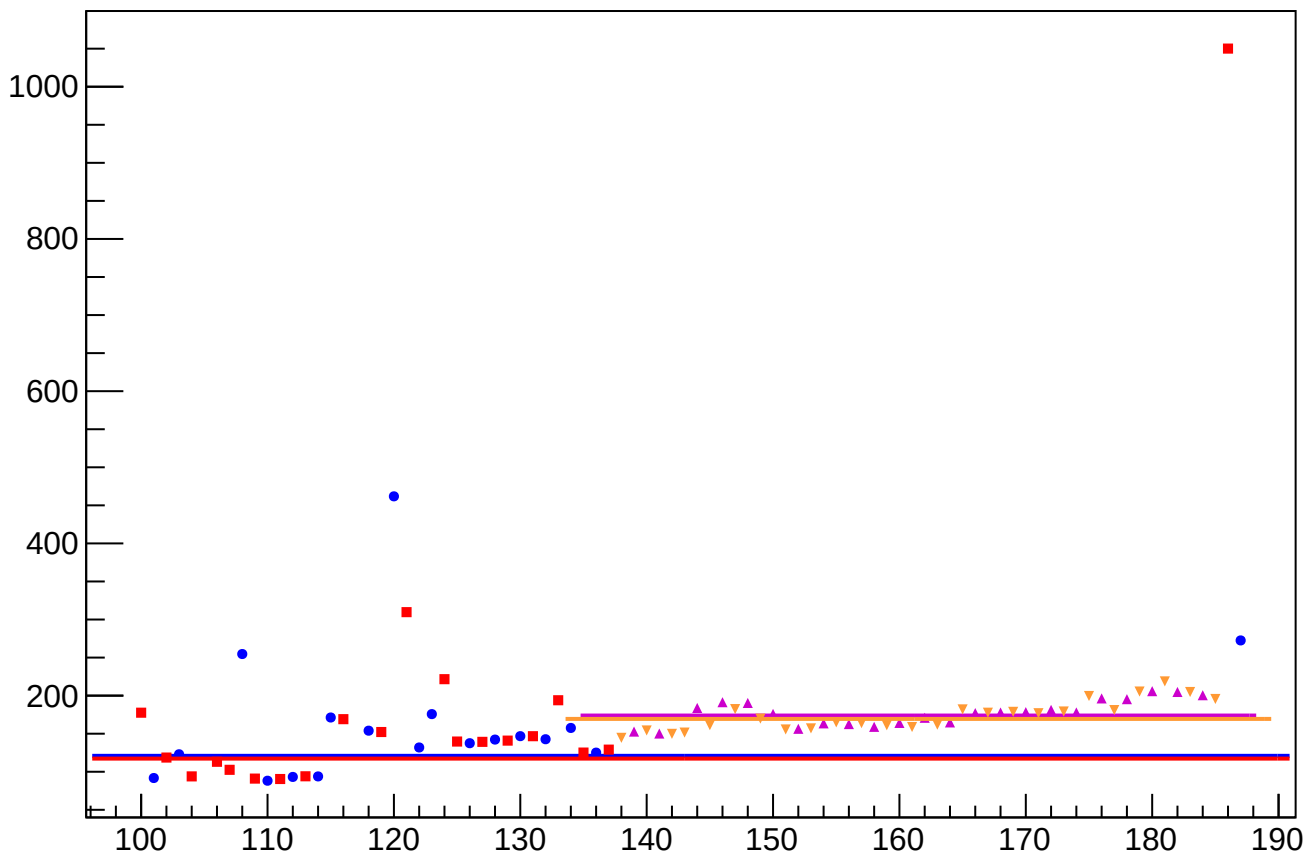
Left In: -312.097 ± 41.646 χ^2/NDF : 26.9/22

+ sign 174.361 ± 30.728 χ^2/NDF : 71.8/42

All: 4.428 ± 21.734 χ^2/NDF : 201.9/85

- sign -165.701 ± 30.746 χ^2/NDF : 68.9/42

dit_asym_sam6_rms vs Slug



Right In: 120.916 $\pm$ 0.034 χ^2 /NDF: 1154486.5/17

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

Right Out: 117.280 $\pm$ 0.032 χ^2 /NDF: 1592439.0/19

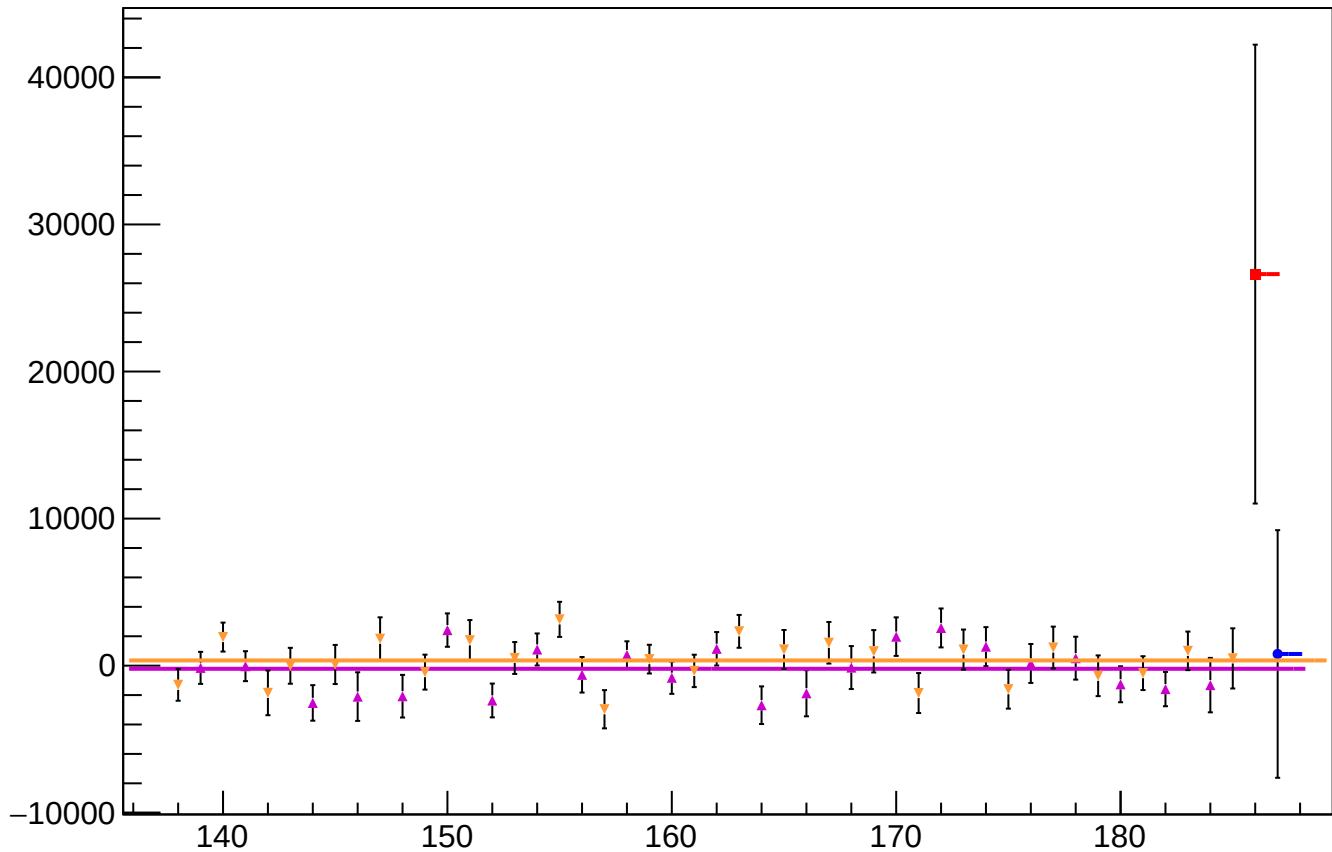
Left In: 173.847 $\pm$ 0.029 χ^2 /NDF:291729.8/22

+ sign 149.810 $\pm$ 0.022 χ^2 /NDF: 2741804.8/42

All: 148.961 $\pm$ 0.015 χ^2 /NDF: 6307730.2/85

- sign 148.112 $\pm$ 0.022 χ^2 /NDF: 3562873.2/42

asym_sam6_correction_mean vs Slug



Right In: 794.612 $\pm$ 8418.796 χ^2 /NDF: 0.0/0

Left Out: 356.612 $\pm$ 250.934 χ^2 /NDF:33.4/24

Right Out: 26623.508 $\pm$ 15600.330 χ^2 /NDF: 0.0/0

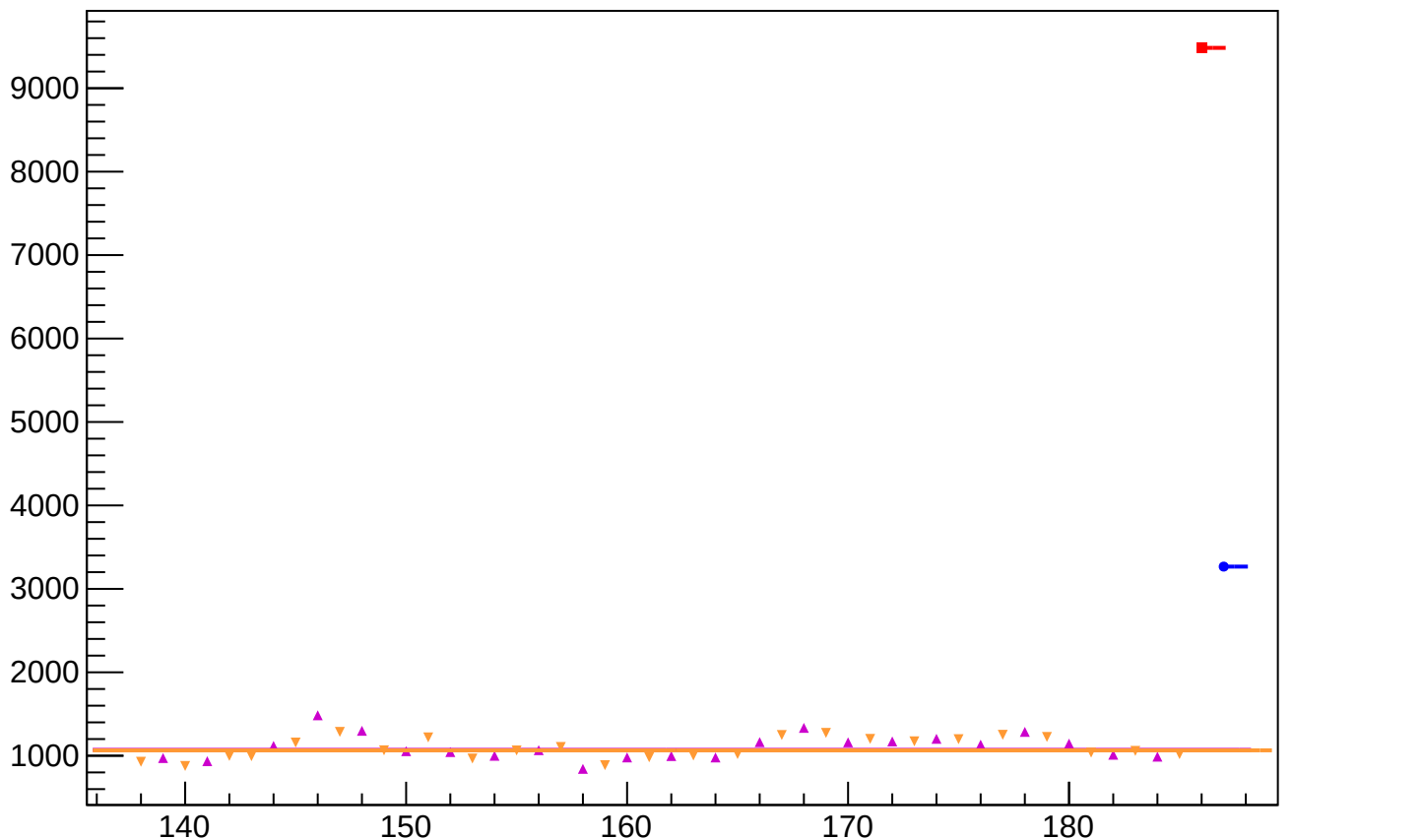
Left In: -212.007 $\pm$ 257.383 χ^2 /NDF:36.0/22

+ sign 357.001 $\pm$ 250.823 χ^2 /NDF: 33.4/25

All: 83.360 $\pm$ 179.621 χ^2 /NDF: 74.8/49

- sign -204.704 $\pm$ 257.348 χ^2 /NDF: 39.0/23

asym_sam6_correction_rms vs Slug



Right In: 3266.788 $\pm$ 5.953 χ^2 /NDF: 0.0/0

Left Out: 1064.868 $\pm$ 0.177 χ^2 /NDF: 493614.2/24

Right Out: 9483.682 $\pm$ 11.031 χ^2 /NDF: 0.0/0

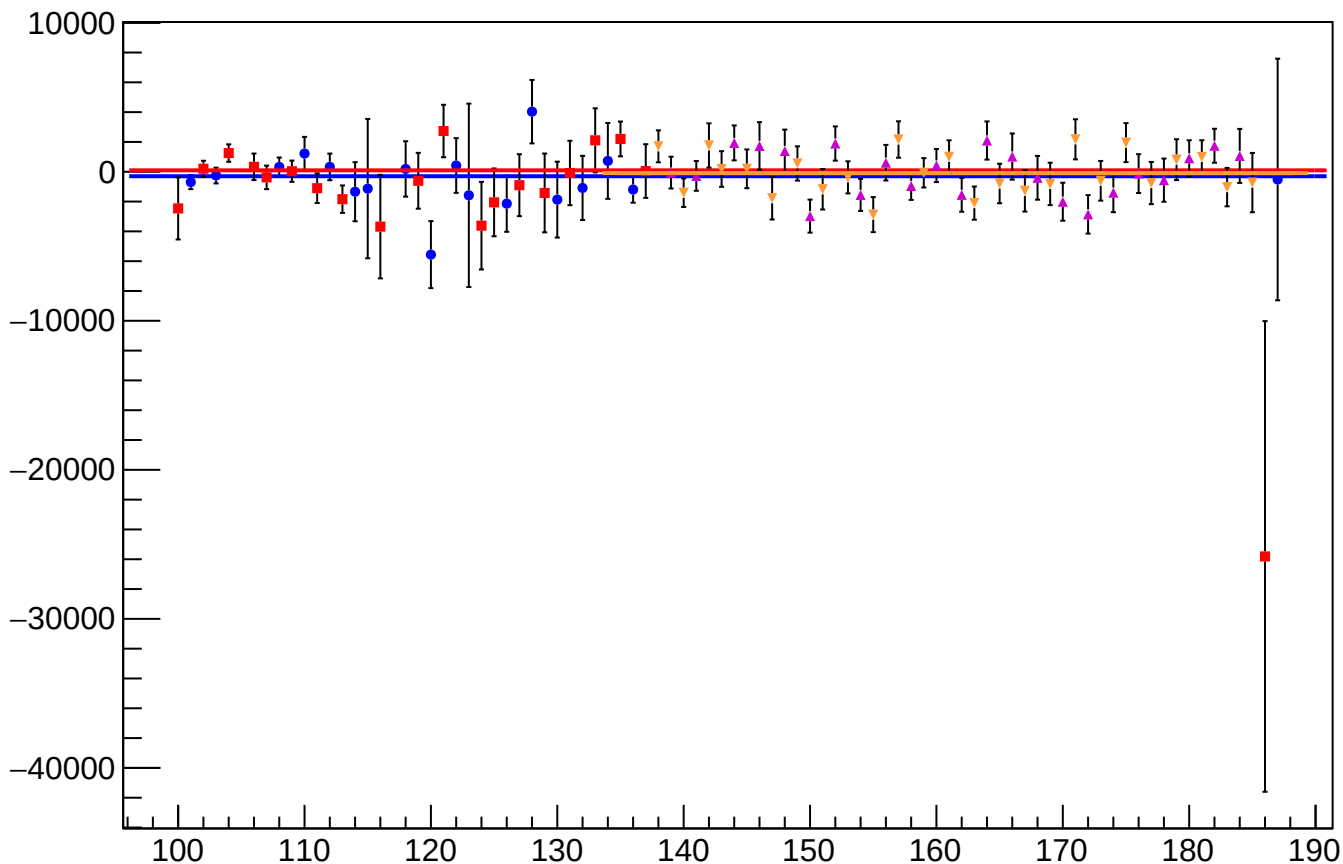
Left In: 1070.694 $\pm$ 0.182 χ^2 /NDF: 570407.8/22

+ sign 1066.823 $\pm$ 0.177 χ^2 /NDF: 630307.6/25

All: 1069.824 $\pm$ 0.127 χ^2 /NDF: 1782796.4/49

- sign 1072.983 $\pm$ 0.182 χ^2 /NDF: 1151901.1/23

asym_sam6_mean vs Slug



Right In: -301.207 ± 249.924 χ^2/NDF : 16.8/17

Left Out: -89.632 ± 247.271 χ^2/NDF : 31.0/24

Right Out: 94.571 ± 245.951 χ^2/NDF : 25.2/19

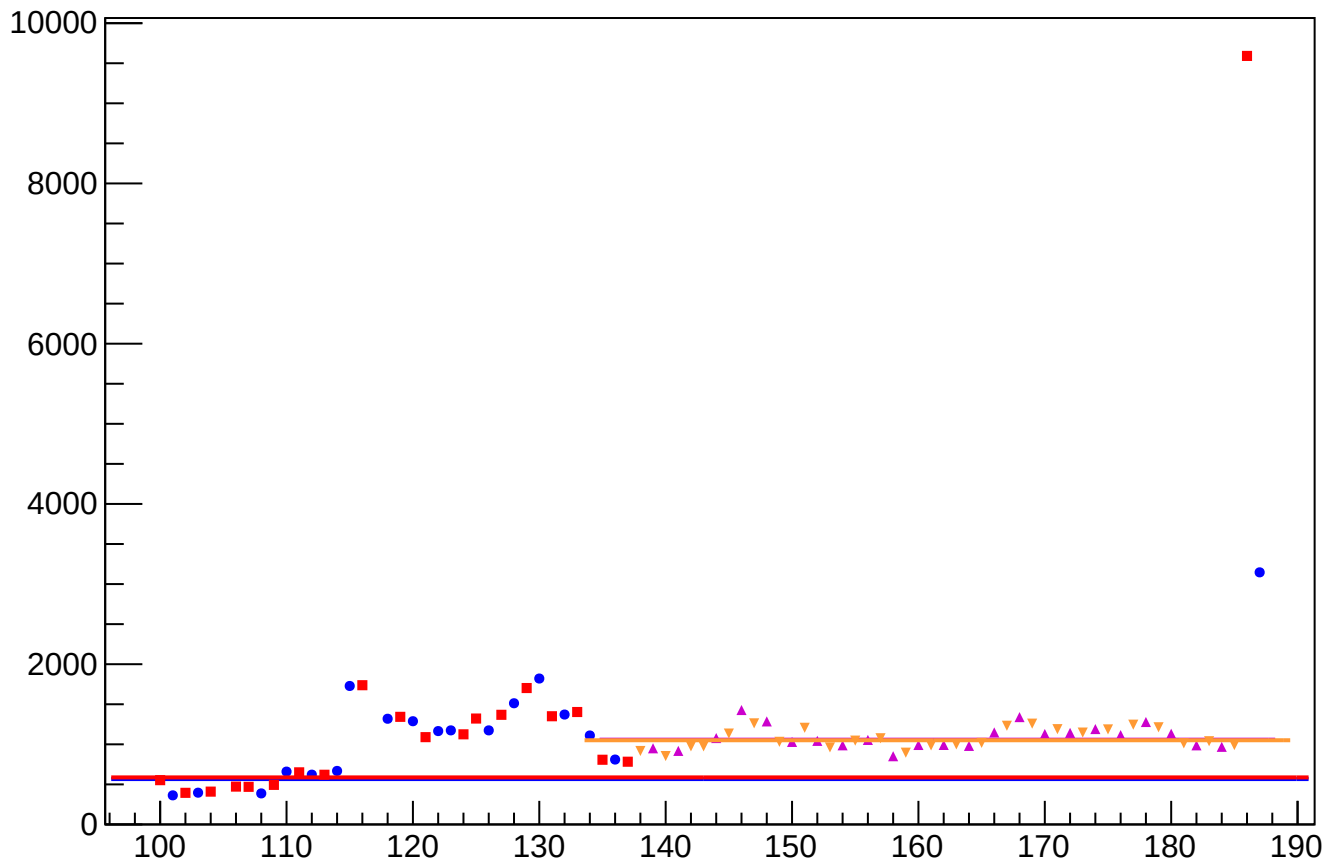
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ sign -194.291 ± 175.777 χ^2/NDF : 48.2/42

All: -100.053 ± 124.655 χ^2/NDF : 109.5/85

- sign -4.711 ± 176.804 χ^2/NDF : 60.7/42

asym_sam6_rms vs Slug



Right In: 566.458 $\pm$ 0.177 χ^2 /NDF: 3464253.3/17

Left Out: 1050.918 $\pm$ 0.175 χ^2 /NDF:483477.5/24

Right Out: 587.254 $\pm$ 0.174 χ^2 /NDF: 3471254.0/19

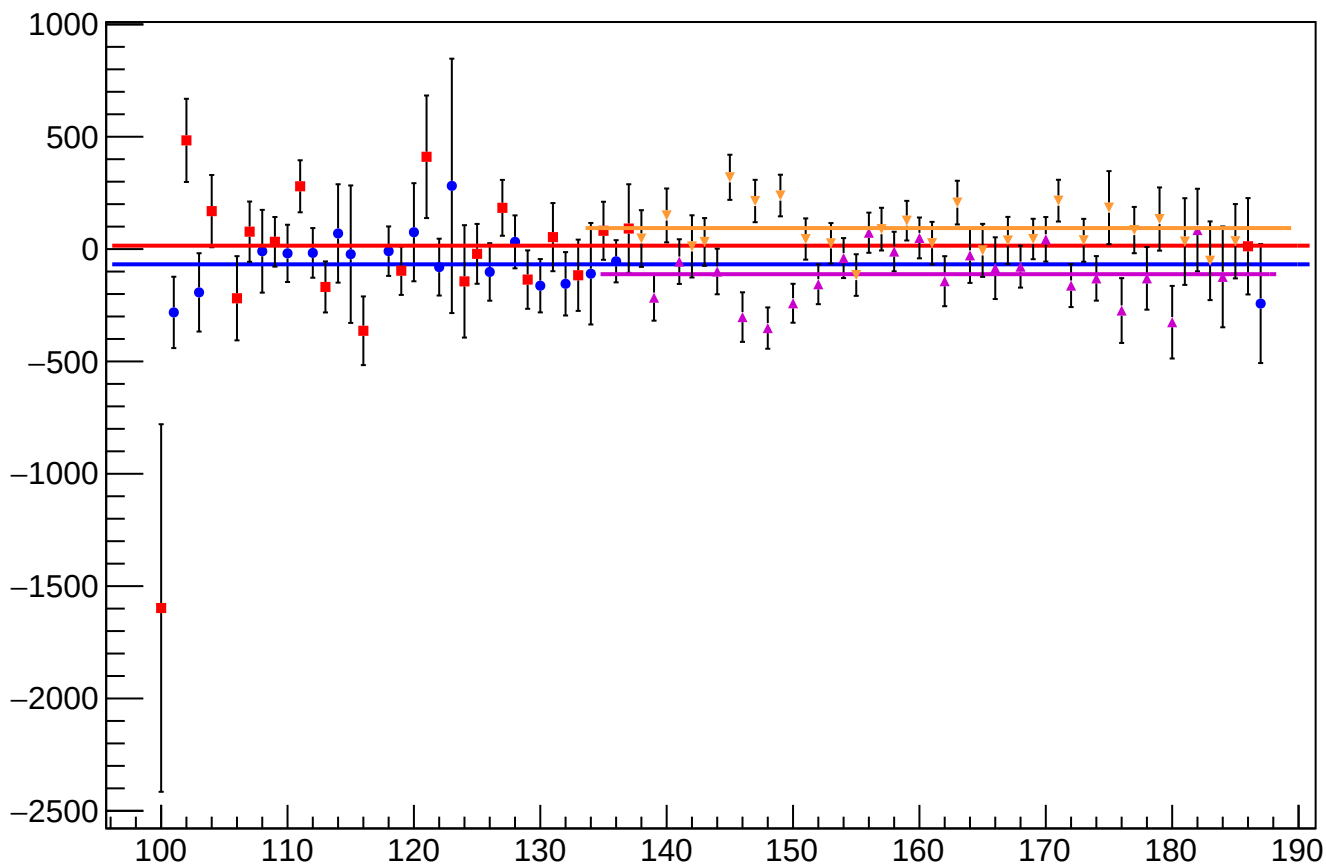
Left In: 1058.154 $\pm$ 0.180 χ^2 /NDF:532260.0/22

+ sign 811.273 $\pm$ 0.124 χ^2 /NDF: 7745350.8/42

All: 813.032 $\pm$ 0.088 χ^2 /NDF: 15292121.9/85

- sign 814.813 $\pm$ 0.125 χ^2 /NDF: 7546368.0/42

dit_asym_sam7_mean vs Slug



Right In: -67.786 ± 34.337 χ^2/NDF : 6.6/17

Left Out: 93.496 ± 21.284 χ^2/NDF : 22.8/24

Right Out: 15.228 ± 33.023 χ^2/NDF : 35.0/19

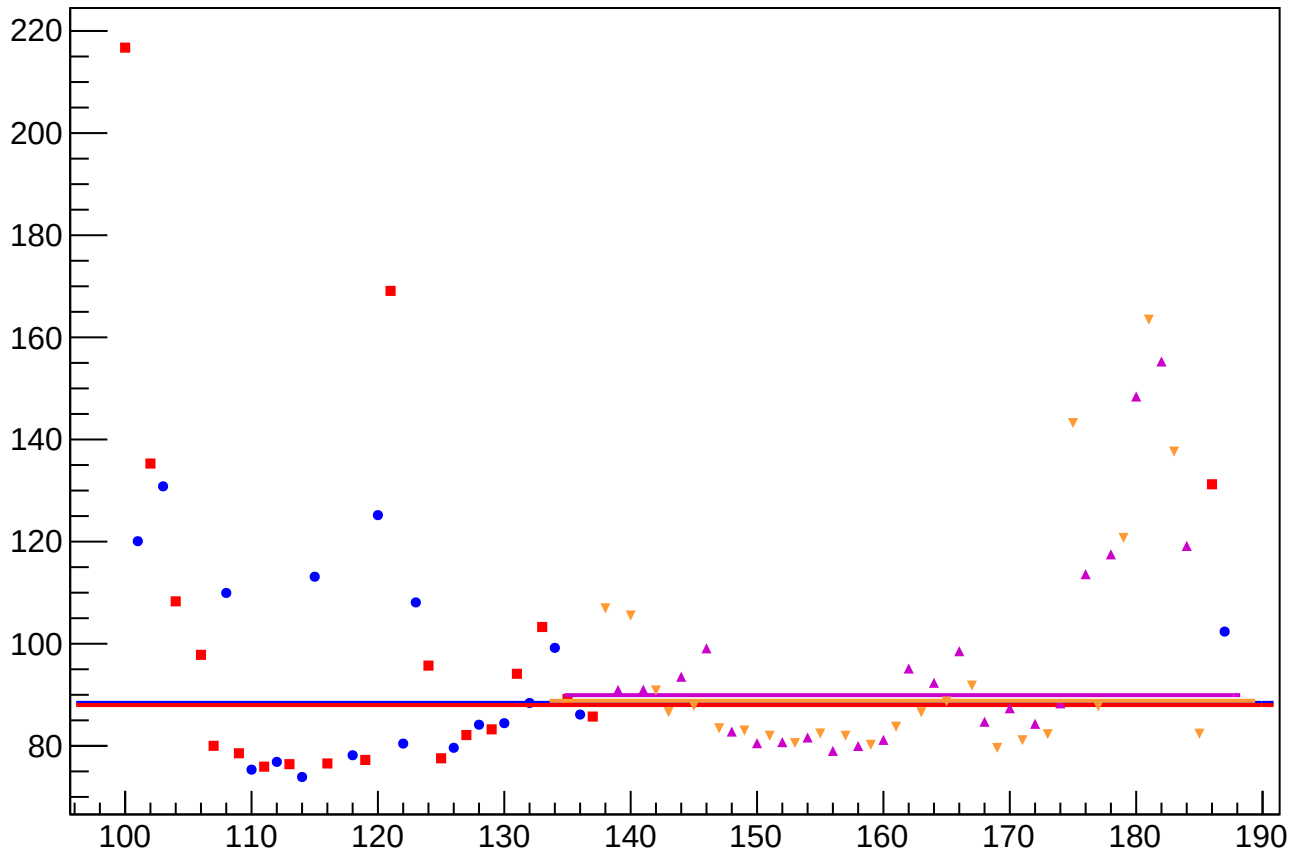
Left In: -111.732 ± 21.971 χ^2/NDF : 30.7/22

+ sign 48.727 ± 18.091 χ^2/NDF : 45.3/42

All: -11.352 ± 12.863 χ^2/NDF : 143.5/85

- sign -72.777 ± 18.292 χ^2/NDF : 75.9/42

dit_asym_sam7_rms vs Slug



Right In: 88.425+/-0.024 χ^2/NDF : 400098.4/17

Left Out: 88.830+/-0.015 χ^2/NDF : 1000651.2/24

Right Out: 87.993+/-0.023 χ^2/NDF : 614613.3/19

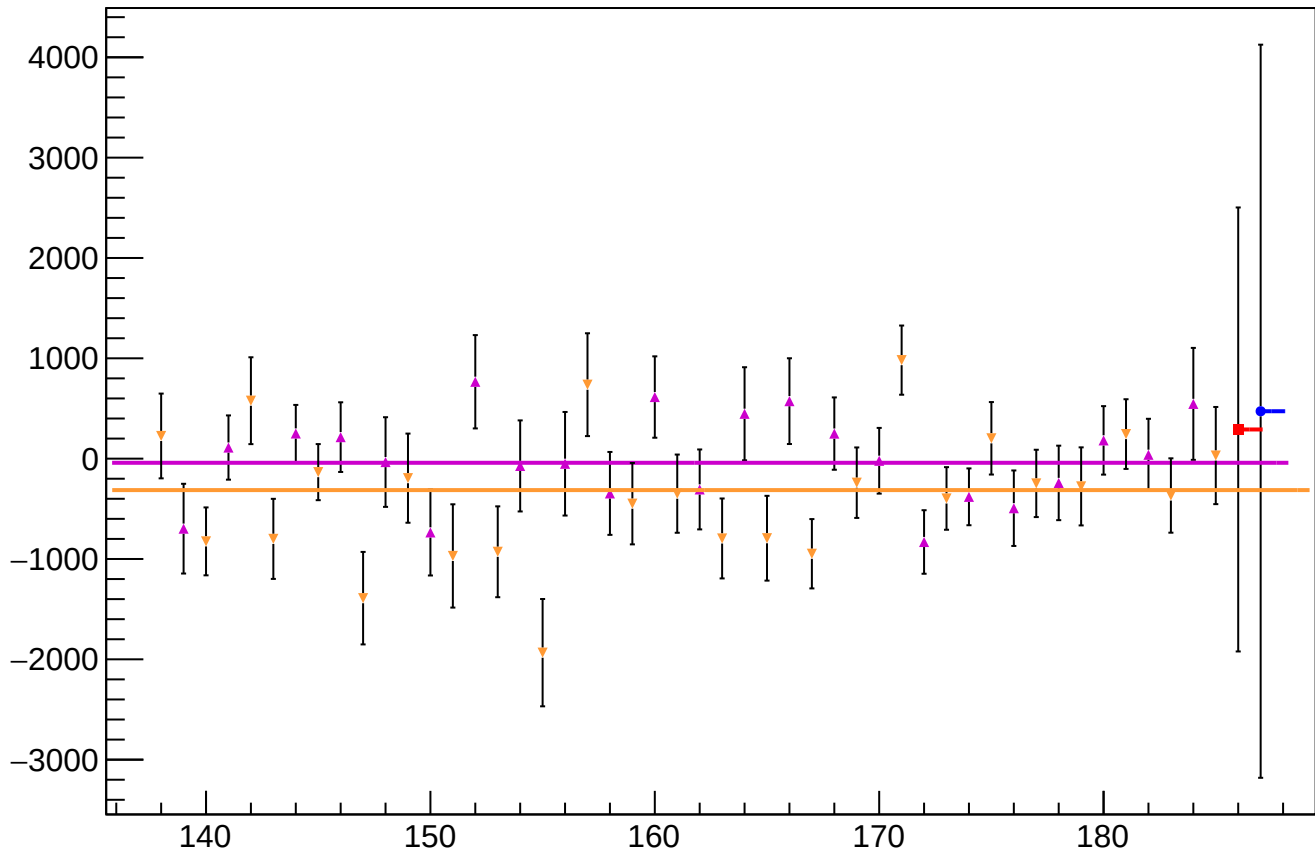
Left In: 89.934+/-0.016 χ^2/NDF : 874129.5/22

+ sign 88.717+/-0.013 χ^2/NDF : 1400950.5/42

All: 89.024+/-0.009 χ^2/NDF : 2895649.1/85

- sign 89.338+/-0.013 χ^2/NDF : 1493533.1/42

asym_sam7_correction_mean vs Slug



Right In: 472.552 $\pm$ 3653.348 χ^2 /NDF: 0.0/0

Left Out: -313.446 $\pm$ 77.334 χ^2 /NDF: 58.1/24

Right Out: 290.825 $\pm$ 2212.576 χ^2 /NDF: 0.0/0

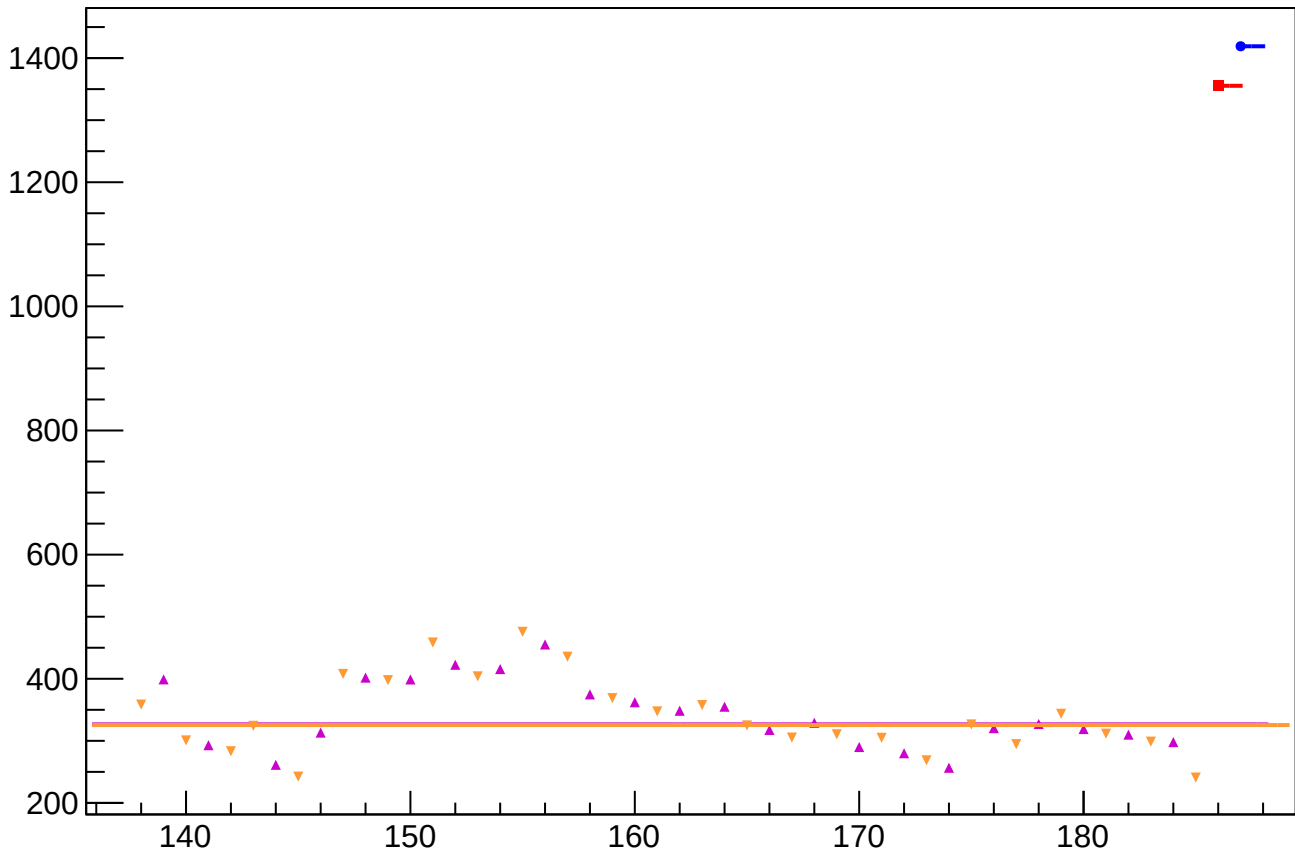
Left In: -41.244 $\pm$ 78.858 χ^2 /NDF: 28.0/22

+ sign -313.094 $\pm$ 77.317 χ^2 /NDF: 58.1/25

All: -179.558 $\pm$ 55.191 χ^2 /NDF: 92.3/49

- sign -40.822 $\pm$ 78.808 χ^2 /NDF: 28.0/23

asym_sam7_correction_rms vs Slug



Right In: 1419.047 $\pm$ 2.583 χ^2 /NDF: 0.0/0

Left Out: 325.432 $\pm$ 0.055 χ^2 /NDF:1000974.7/24

Right Out: 1355.373 $\pm$ 1.565 χ^2 /NDF: 0.0/0

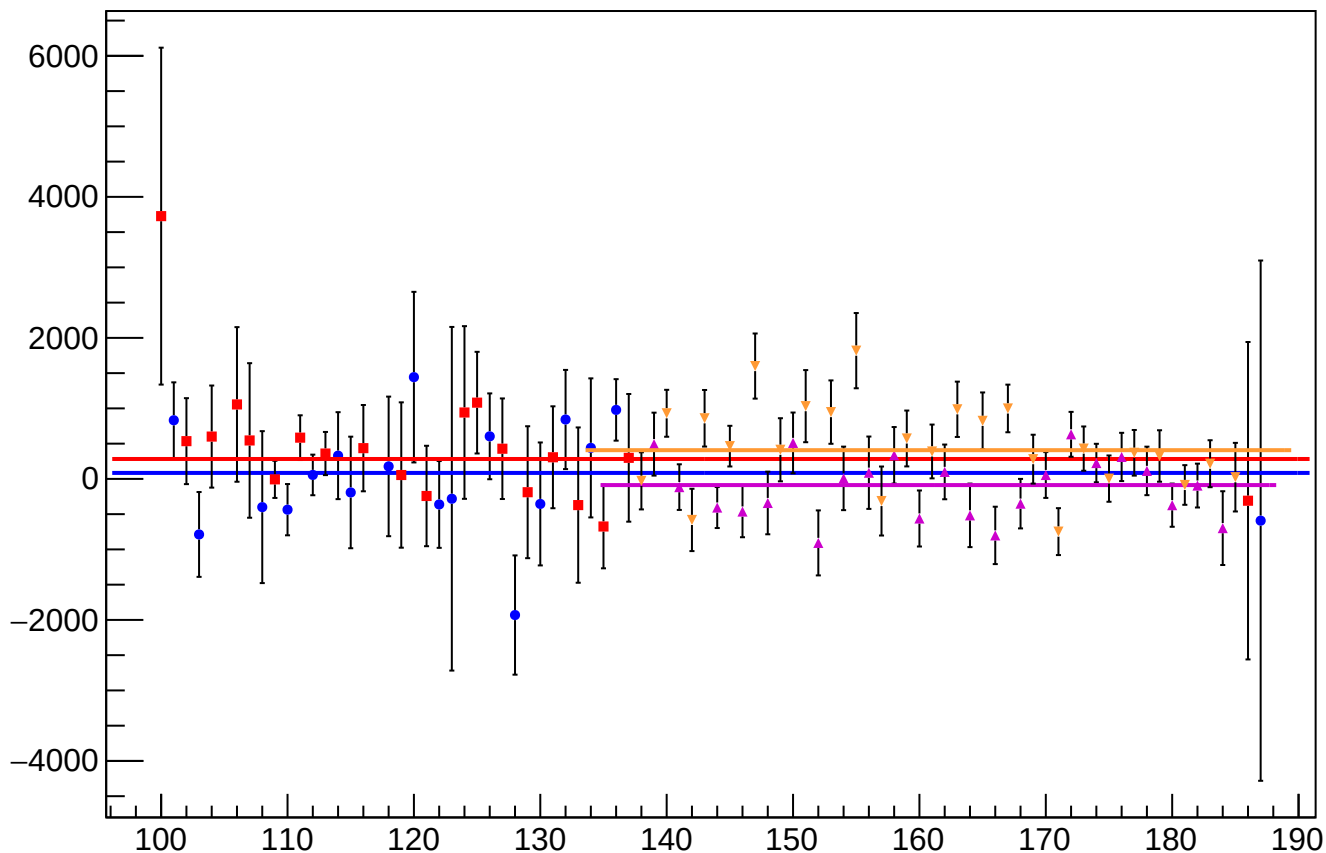
Left In: 326.516 $\pm$ 0.056 χ^2 /NDF:841153.2/22

+ sign 325.922 $\pm$ 0.055 χ^2 /NDF: 1180110.4/25

All: 326.854 $\pm$ 0.039 χ^2 /NDF: 2453764.9/49

- sign 327.822 $\pm$ 0.056 χ^2 /NDF: 1273062.1/23

asym_sam7_mean vs Slug



Right In: 84.798 ± 142.494 χ^2/NDF : 20.6/17

Left Out: 407.375 ± 74.730 χ^2/NDF : 53.0/24

Right Out: 282.494 ± 129.385 χ^2/NDF : 10.7/19

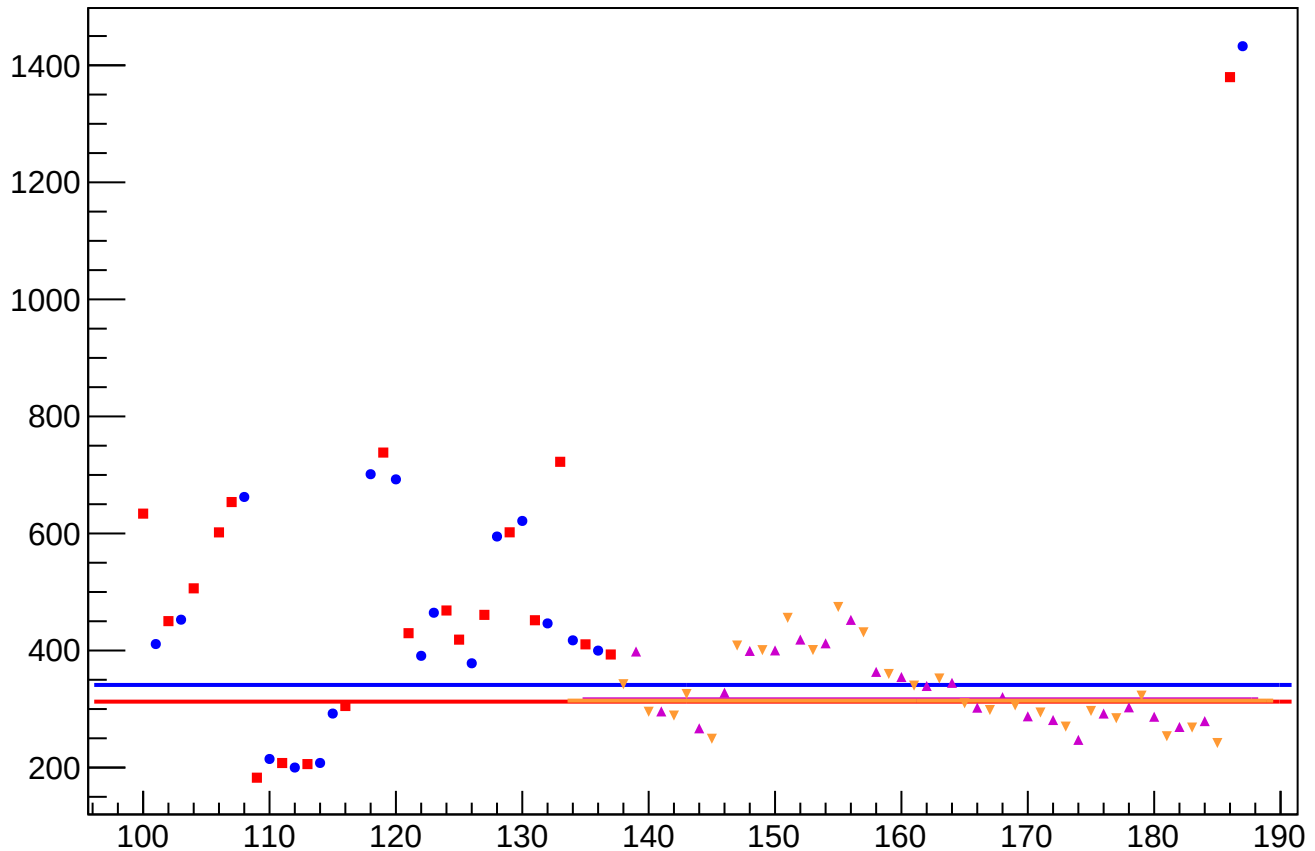
Left In: -87.657 ± 76.572 χ^2/NDF : 27.4/22

+ sign 337.791 ± 66.181 χ^2/NDF : 77.6/42

All: 172.364 ± 46.696 χ^2/NDF : 134.2/85

- sign 8.357 ± 65.896 χ^2/NDF : 44.1/42

asym_sam7_rms vs Slug



Right In: 341.183+/-0.101 χ^2/NDF : 2217539.0/17

Left Out: 314.405+/-0.053 χ^2/NDF : 1112244.9/24

Right Out: 312.642+/-0.091 χ^2/NDF : 3181247.6/19

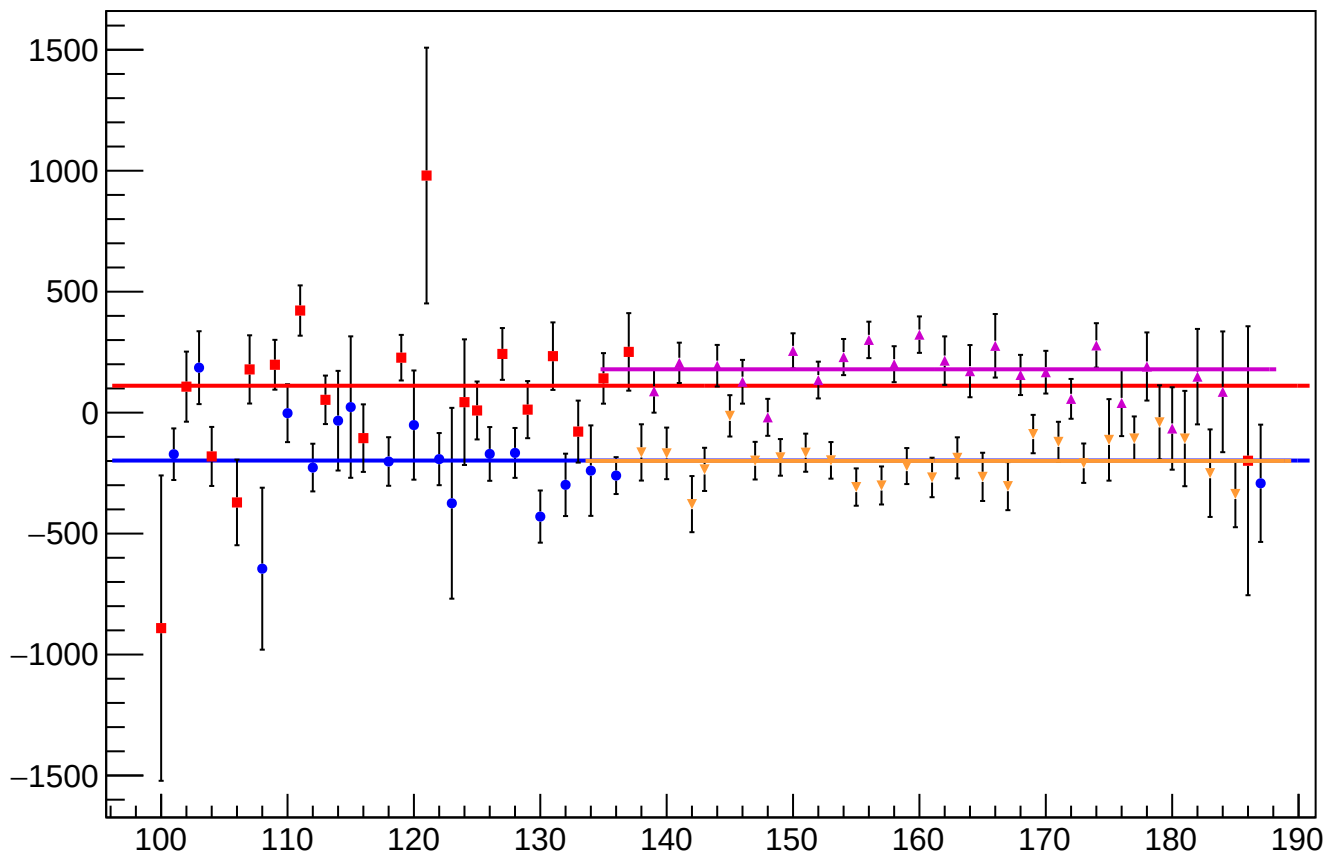
Left In: 316.616+/-0.054 χ^2/NDF : 929652.0/22

+ sign 320.181+/-0.047 χ^2/NDF : 3385179.9/42

All: 317.873+/-0.033 χ^2/NDF : 7502320.0/85

- sign 315.585+/-0.047 χ^2/NDF : 4112297.2/42

dit_asym_sam8_mean vs Slug



Right In: -198.077 $\pm$ 30.163 χ^2/NDF : 19.2/17

Left Out: -199.640 $\pm$ 18.452 χ^2/NDF : 20.2/24

Right Out: 111.217 $\pm$ 29.580 χ^2/NDF : 39.7/19

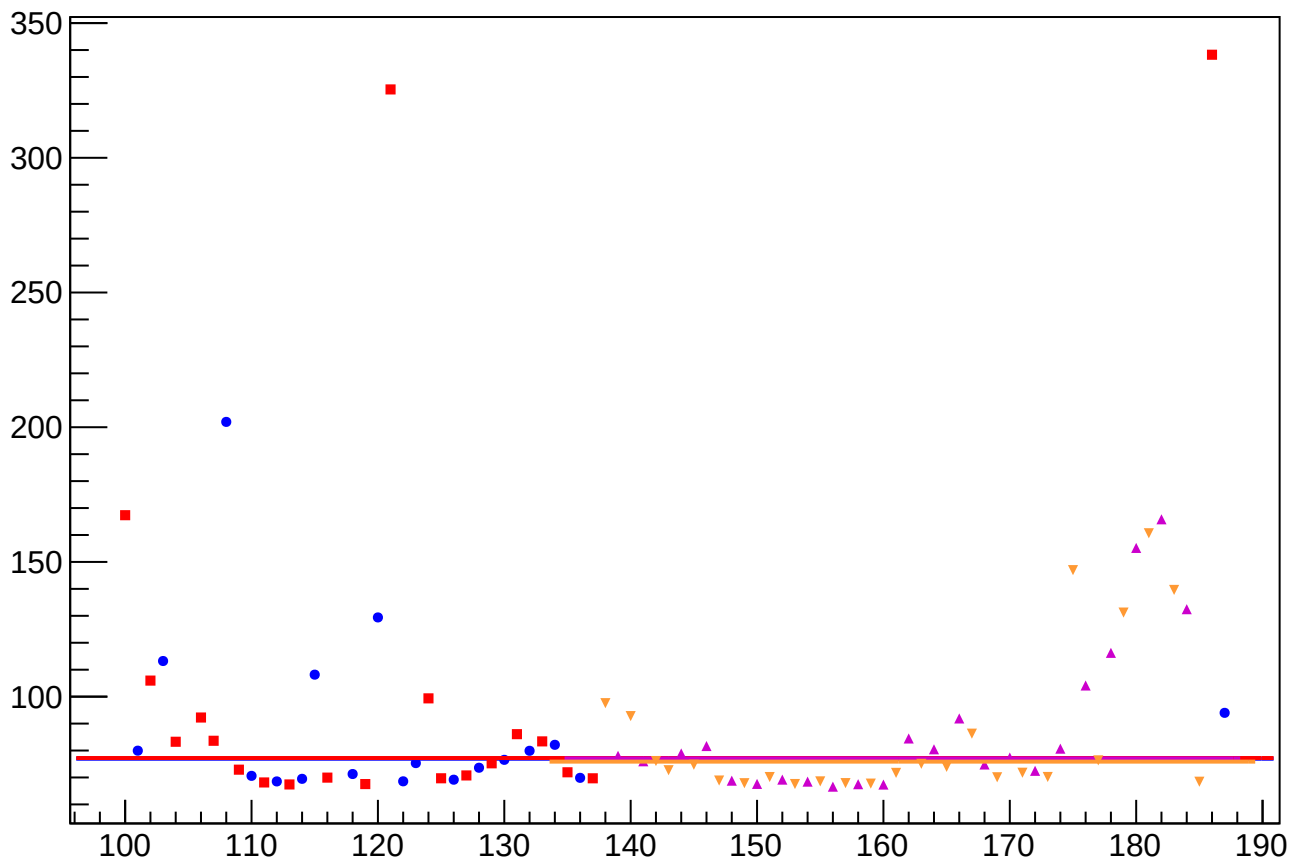
Left In: 179.154 $\pm$ 19.112 χ^2/NDF : 23.9/22

+ sign -199.214 $\pm$ 15.740 χ^2/NDF : 39.4/42

All: -23.556 $\pm$ 11.239 χ^2/NDF : 360.7/85

- sign 159.146 $\pm$ 16.053 χ^2/NDF : 67.2/42

dit_asym_sam8_rms vs Slug



Right In: 76.960 ± 0.021 χ^2/NDF : 610372.9/17

Left Out: 75.883 ± 0.013 χ^2/NDF : 1552500.3/24

Right Out: 77.220 ± 0.021 χ^2/NDF : 1141541.1/19

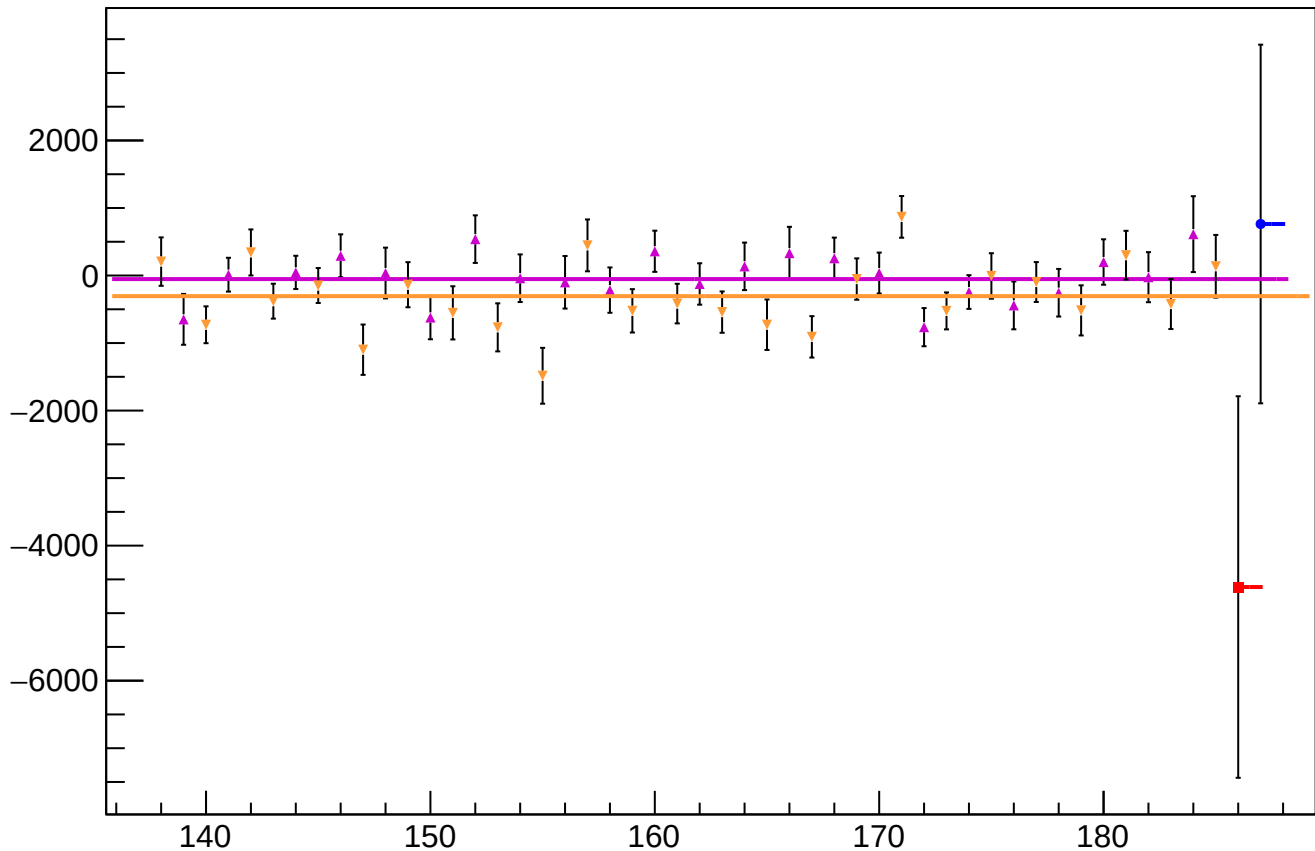
Left In: 77.080 ± 0.014 χ^2/NDF : 1422981.1/22

+ sign 76.176 ± 0.011 χ^2/NDF : 2164727.9/42

All: 76.639 ± 0.008 χ^2/NDF : 4732812.2/85

- sign 77.121 ± 0.011 χ^2/NDF : 2564554.0/42

asym_sam8_correction_mean vs Slug



Right In: 763.015 $\pm$ 2655.697 χ^2 /NDF: 0.0/0

Left Out: -305.659 $\pm$ 65.327 χ^2 /NDF: 54.9/24

Right Out: -4613.035 $\pm$ 2825.161 χ^2 /NDF: 0.0/0

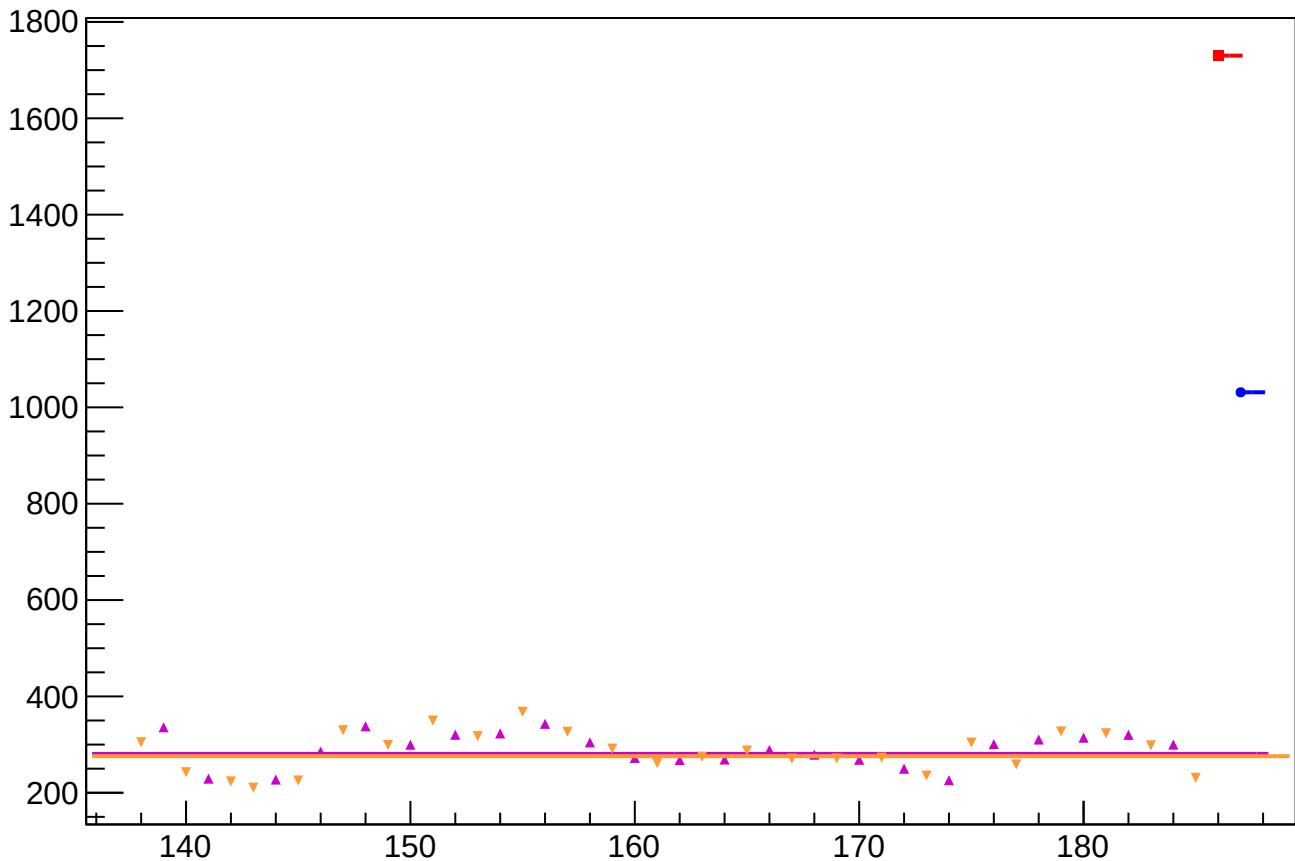
Left In: -52.759 $\pm$ 67.539 χ^2 /NDF: 24.9/22

+ sign -305.013 $\pm$ 65.307 χ^2 /NDF: 55.1/25

All: -184.346 $\pm$ 46.942 χ^2 /NDF: 89.6/49

- sign -55.364 $\pm$ 67.520 χ^2 /NDF: 27.5/23

asym_sam8_correction_rms vs Slug



Right In: 1031.251+/-1.878 χ^2/NDF : 0.0/0

Left Out: 275.901+/-0.046 χ^2/NDF : 753109.6/24

Right Out: 1730.067+/-1.998 χ^2/NDF : 0.0/0

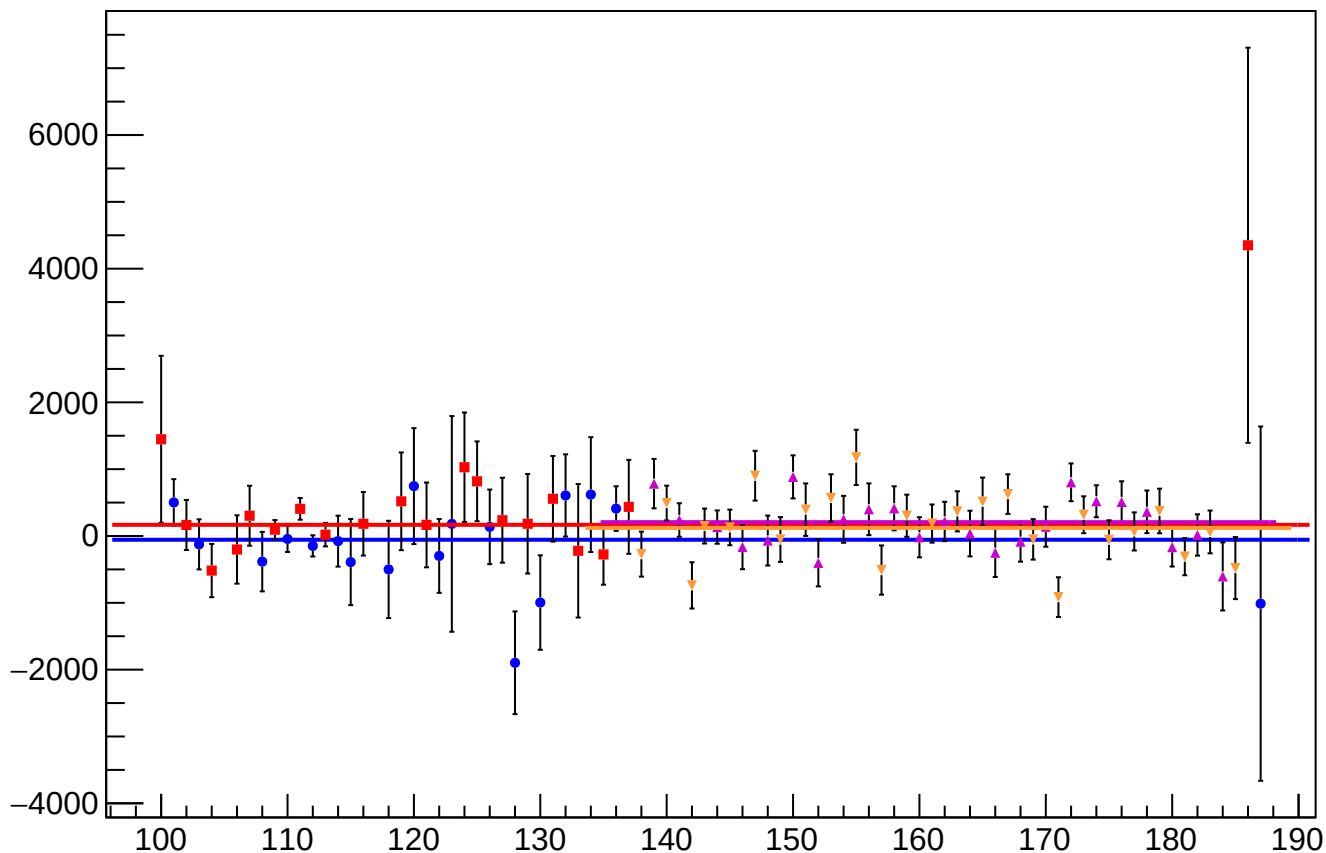
Left In: 280.628+/-0.048 χ^2/NDF : 587415.9/22

+ sign 276.358+/-0.046 χ^2/NDF : 914808.4/25

All: 278.822+/-0.033 χ^2/NDF : 2034248.7/49

- sign 281.456+/-0.048 χ^2/NDF : 1113547.9/23

asym_sam8_mean vs Slug



Right In: -56.044 ± 90.303 χ^2/NDF : 16.7/17

Left Out: 121.185 ± 62.911 χ^2/NDF : 49.0/24

Right Out: 166.971 ± 76.877 χ^2/NDF : 13.9/19

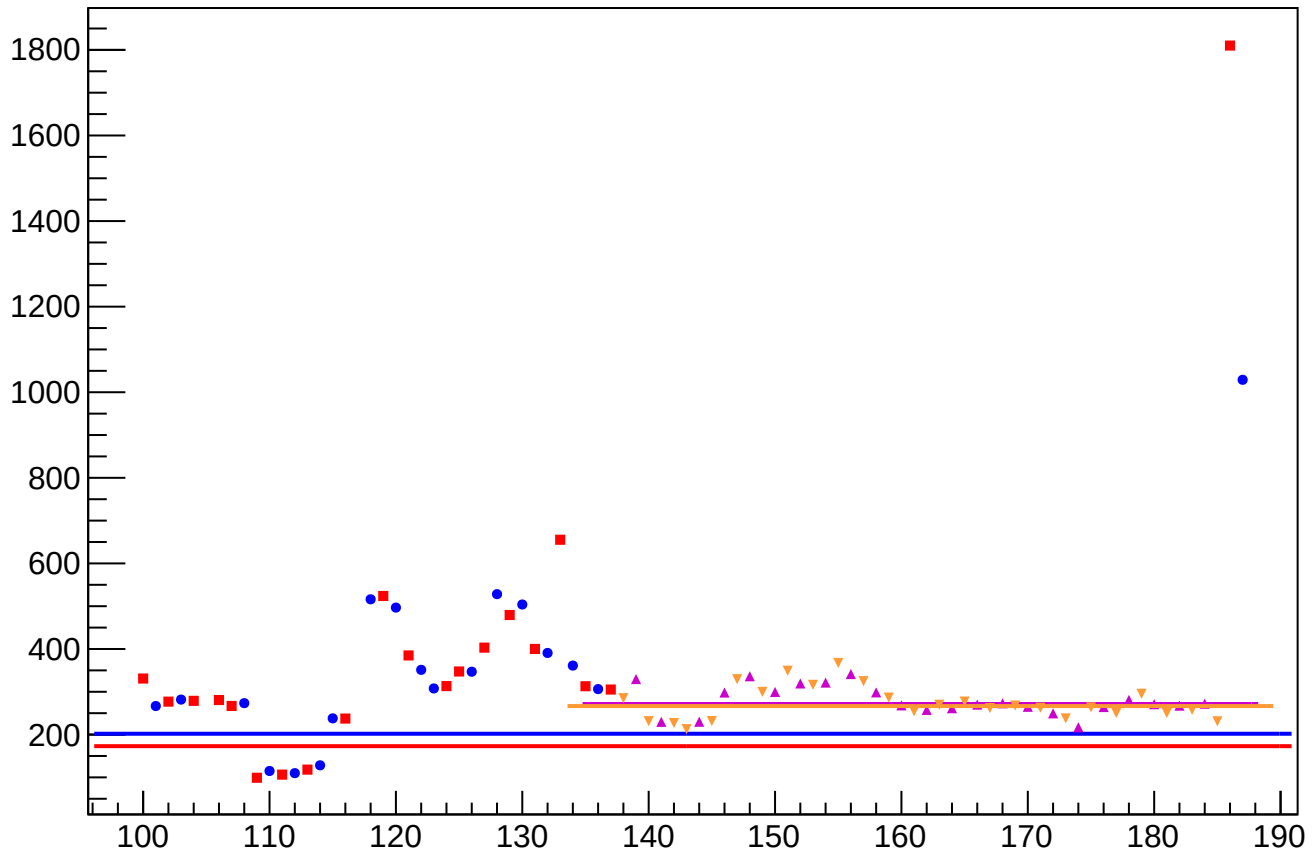
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 63.274 ± 51.619 χ^2/NDF : 68.3/42

All: 129.117 ± 35.819 χ^2/NDF : 113.3/85

- sign 190.267 ± 49.745 χ^2/NDF : 41.8/42

asym_sam8_rms vs Slug



Right In: 201.932 $\pm$ 0.064 χ^2 /NDF: 3631127.8/17

Left Out: 266.618 $\pm$ 0.044 χ^2 /NDF: 639230.8/24

Right Out: 172.901 $\pm$ 0.054 χ^2 /NDF: 4706233.1/19

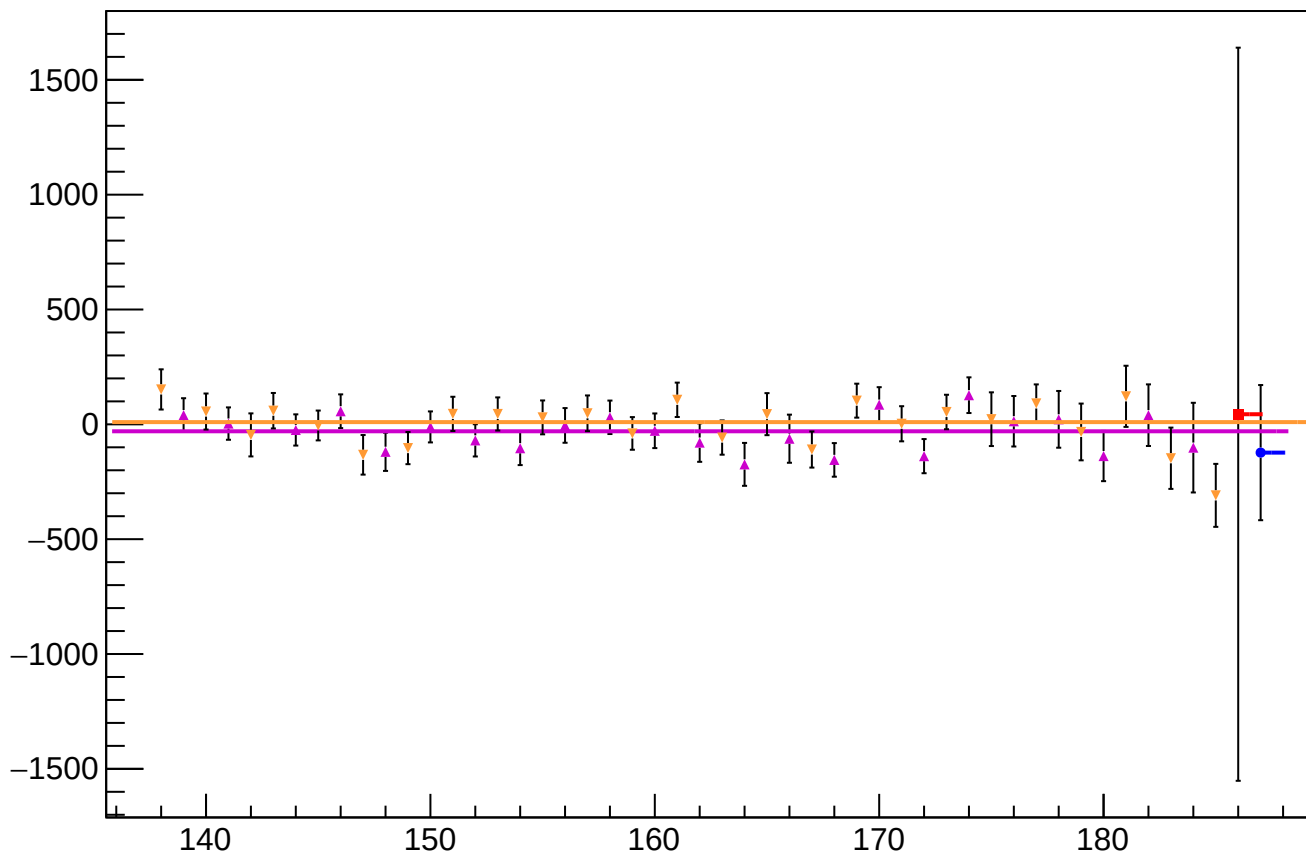
Left In: 271.451 $\pm$ 0.046 χ^2 /NDF: 530897.8/22

+ sign 245.481 $\pm$ 0.037 χ^2 /NDF: 4961266.0/42

All: 237.552 $\pm$ 0.025 χ^2 /NDF: 12199888.2/85

- sign 230.187 $\pm$ 0.035 χ^2 /NDF: 7147593.4/42

dit_asym_sam_15_avg_mean vs Slug



Right In: -123.135 ± 294.256 χ^2/NDF : 0.0/0

Left Out: 9.762 ± 16.463 χ^2/NDF : 25.9/24

Right Out: 44.009 ± 1596.057 χ^2/NDF : 0.0/0

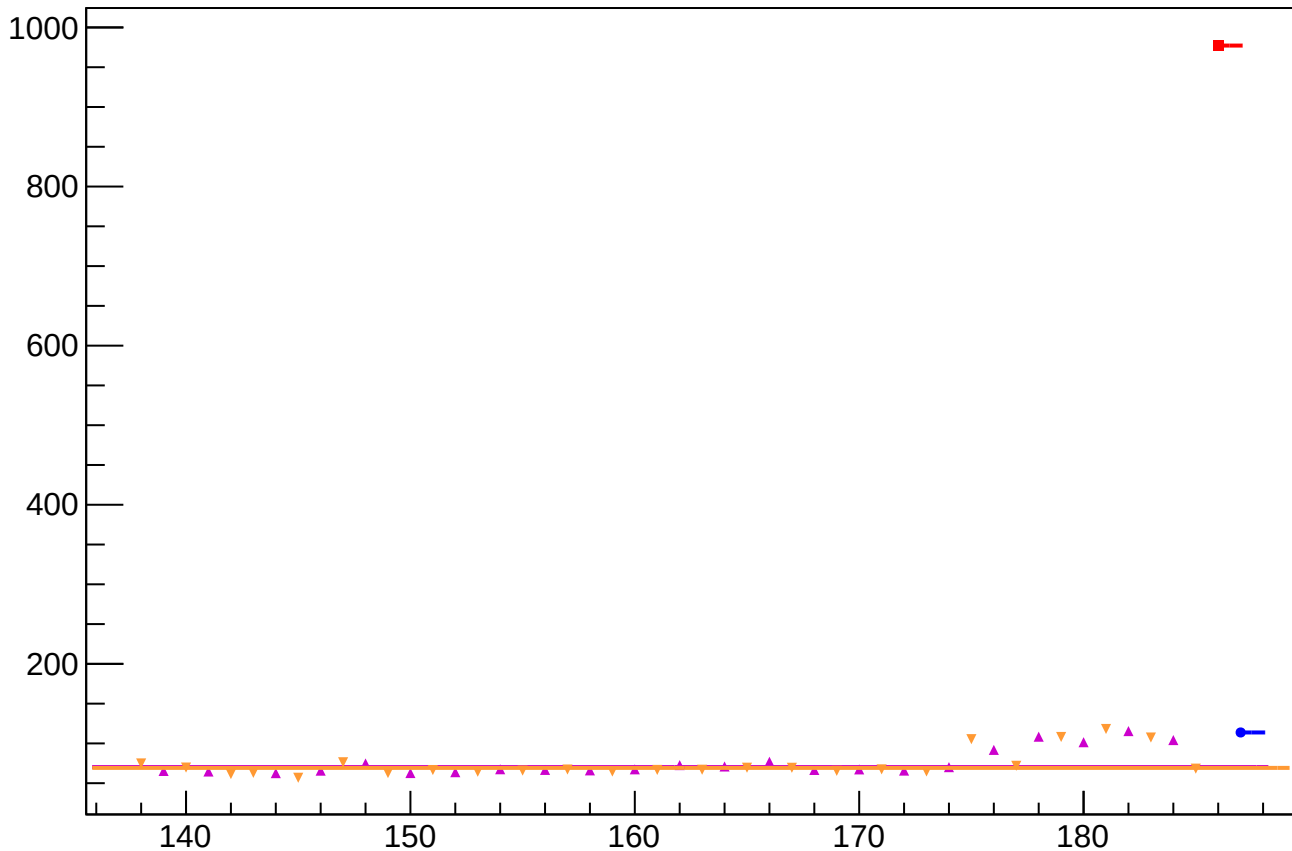
Left In: -30.236 ± 17.031 χ^2/NDF : 21.9/22

+ sign 9.347 ± 16.438 χ^2/NDF : 26.1/25

All: -9.740 ± 11.827 χ^2/NDF : 50.8/49

- sign -30.227 ± 17.030 χ^2/NDF : 21.9/23

dit_asym_sam_15_avg_rms vs Slug



Right In: 113.763 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Left Out: 69.234 $\pm$ 0.012 χ^2 /NDF:1005922.1/24

Right Out: 977.214 $\pm$ 1.129 χ^2 /NDF: 0.0/0

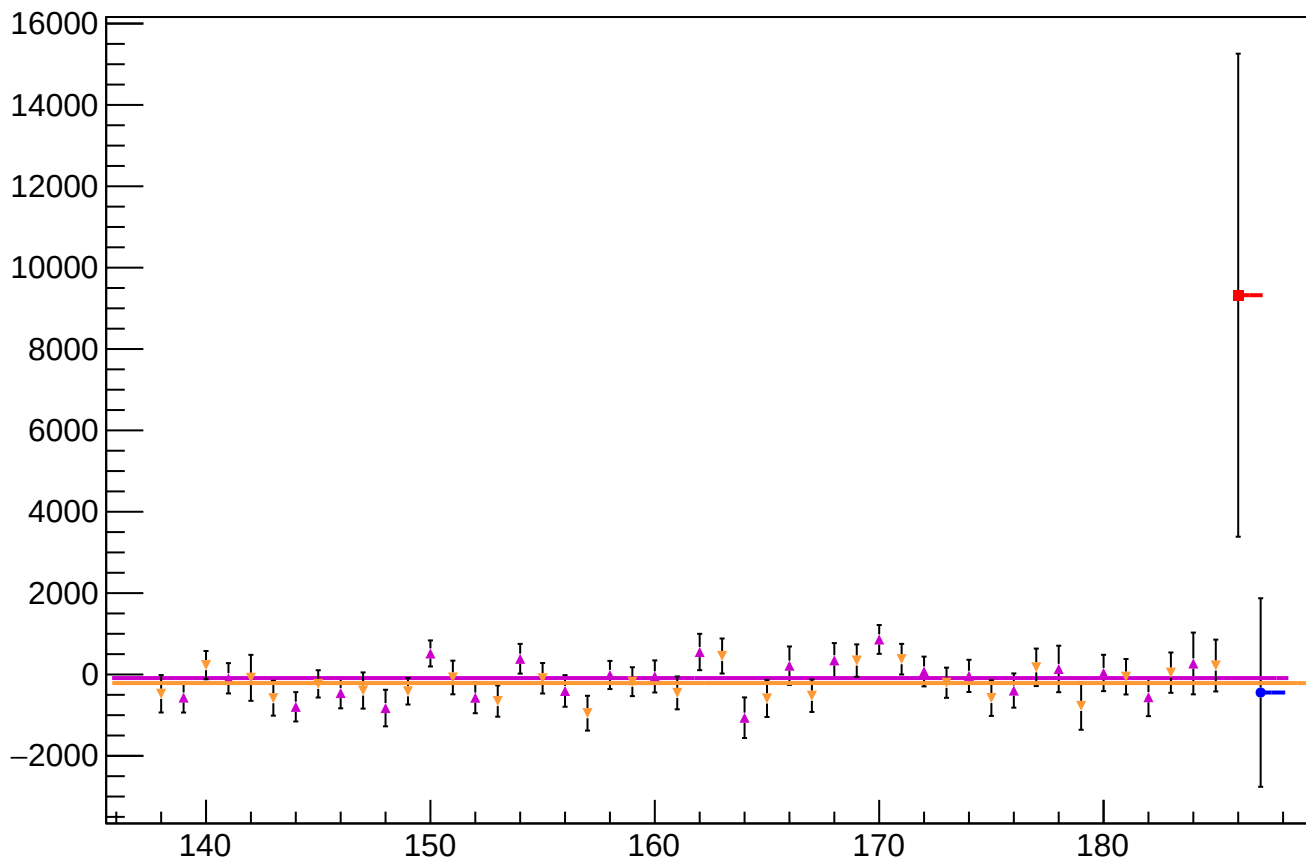
Left In: 70.322 $\pm$ 0.012 χ^2 /NDF:862105.7/22

+ sign 69.373 $\pm$ 0.012 χ^2 /NDF: 1051580.0/25

All: 69.881 $\pm$ 0.008 χ^2 /NDF: 2563288.3/49

- sign 70.426 $\pm$ 0.012 χ^2 /NDF: 1507751.2/23

asym_sam_15_avg_correction_mean vs Slug



Right In: -443.440+/-2317.322 χ^2/NDF : 0.0/0

Left Out: -211.526+/-82.780 χ^2/NDF : 19.4/24

Right Out: 9322.953+/-5936.807 χ^2/NDF : 0.0/0

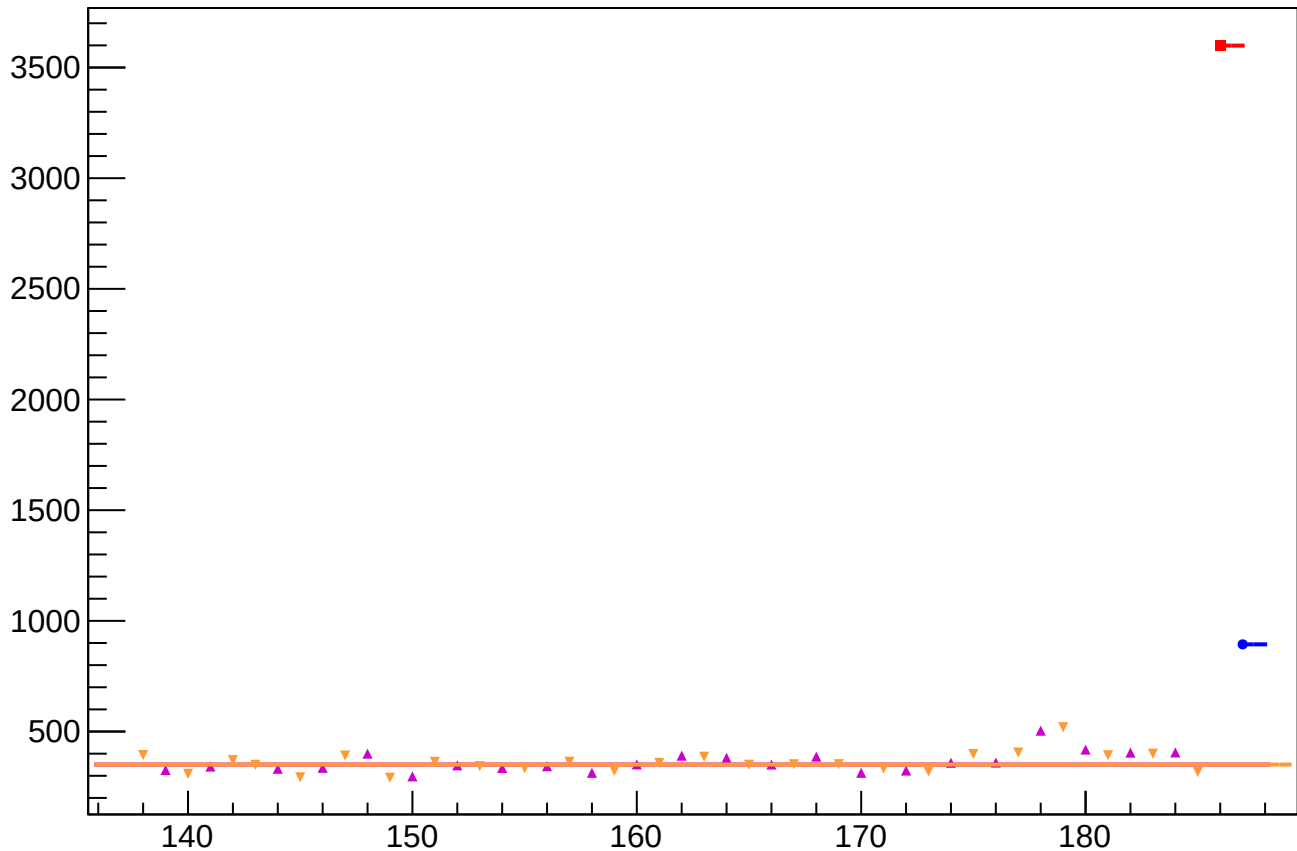
Left In: -88.062+/-84.309 χ^2/NDF : 33.5/22

+ sign -211.822+/-82.727 χ^2/NDF : 19.4/25

All: -150.177+/-59.045 χ^2/NDF : 56.5/49

- sign -86.164+/-84.301 χ^2/NDF : 36.0/23

asym_sam_15_avg_correction_rms vs Slug



Right In: 893.872 $\pm$ 1.639 χ^2 /NDF: 0.0/0

Left Out: 350.780 $\pm$ 0.059 χ^2 /NDF: 506274.4/24

Right Out: 3599.059 $\pm$ 4.198 χ^2 /NDF: 0.0/0

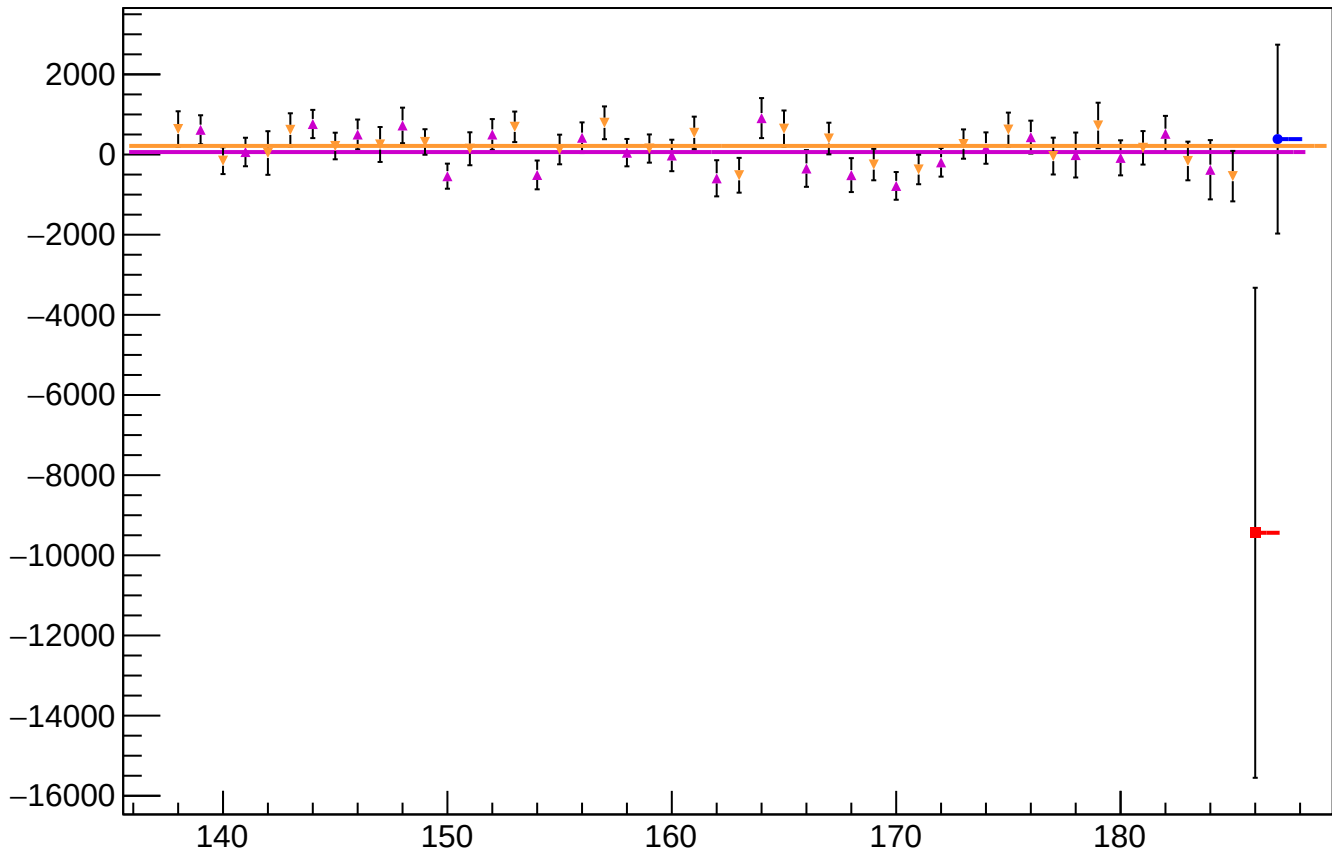
Left In: 350.944 $\pm$ 0.060 χ^2 /NDF: 424876.4/22

+ sign 351.473 $\pm$ 0.058 χ^2 /NDF: 615985.1/25

All: 351.535 $\pm$ 0.042 χ^2 /NDF: 1639412.3/49

- sign 351.599 $\pm$ 0.060 χ^2 /NDF: 1023424.8/23

asym_sam_15_avg_mean vs Slug



Right In: 384.844 ± 2356.540 χ^2/NDF : 0.0/0

Left Out: 215.214 ± 81.235 χ^2/NDF : 19.6/24

Right Out: -9437.688 ± 6113.612 χ^2/NDF : 0.0/0

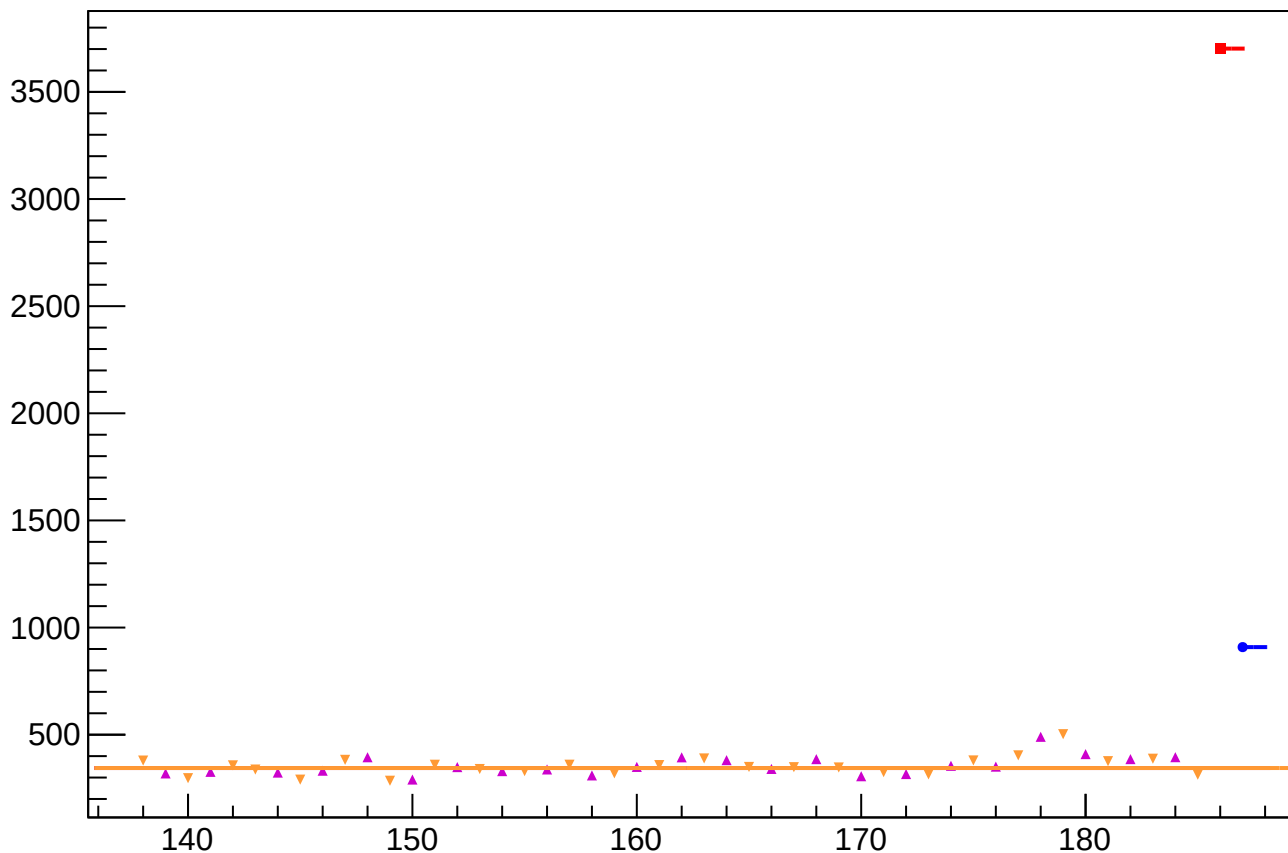
Left In: 61.730 ± 82.841 χ^2/NDF : 34.9/22

+ sign 215.415 ± 81.187 χ^2/NDF : 19.6/25

All: 139.261 ± 57.981 χ^2/NDF : 58.7/49

- sign 59.987 ± 82.833 χ^2/NDF : 37.3/23

asym_sam_15_avg_rms vs Slug



Right In: 908.760 $\pm$ 1.666 χ^2 /NDF: 0.0/0

Left Out: 344.439 $\pm$ 0.057 χ^2 /NDF: 488381.9/24

Right Out: 3702.119 $\pm$ 4.323 χ^2 /NDF: 0.0/0

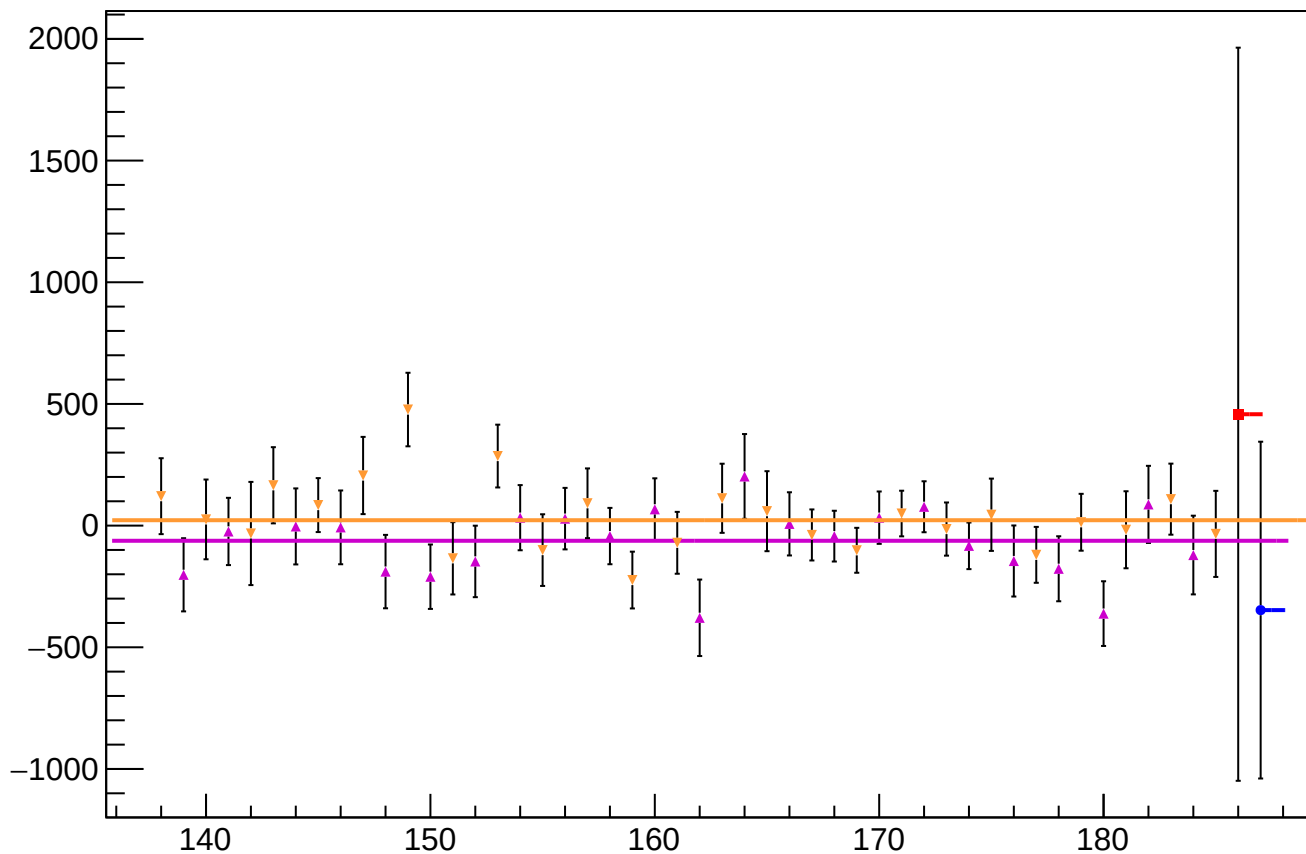
Left In: 344.475 $\pm$ 0.059 χ^2 /NDF: 433401.7/22

+ sign 345.109 $\pm$ 0.057 χ^2 /NDF: 602937.5/25

All: 345.100 $\pm$ 0.041 χ^2 /NDF: 1639487.1/49

- sign 345.091 $\pm$ 0.059 χ^2 /NDF: 1036549.6/23

dit_asym_sam_26_avg_mean vs Slug



Right In: -347.208+/-691.999 χ^2/NDF : 0.0/0

Left Out: 22.164+/-26.284 χ^2/NDF : 28.1/24

Right Out: 457.681+/-1506.309 χ^2/NDF : 0.0/0

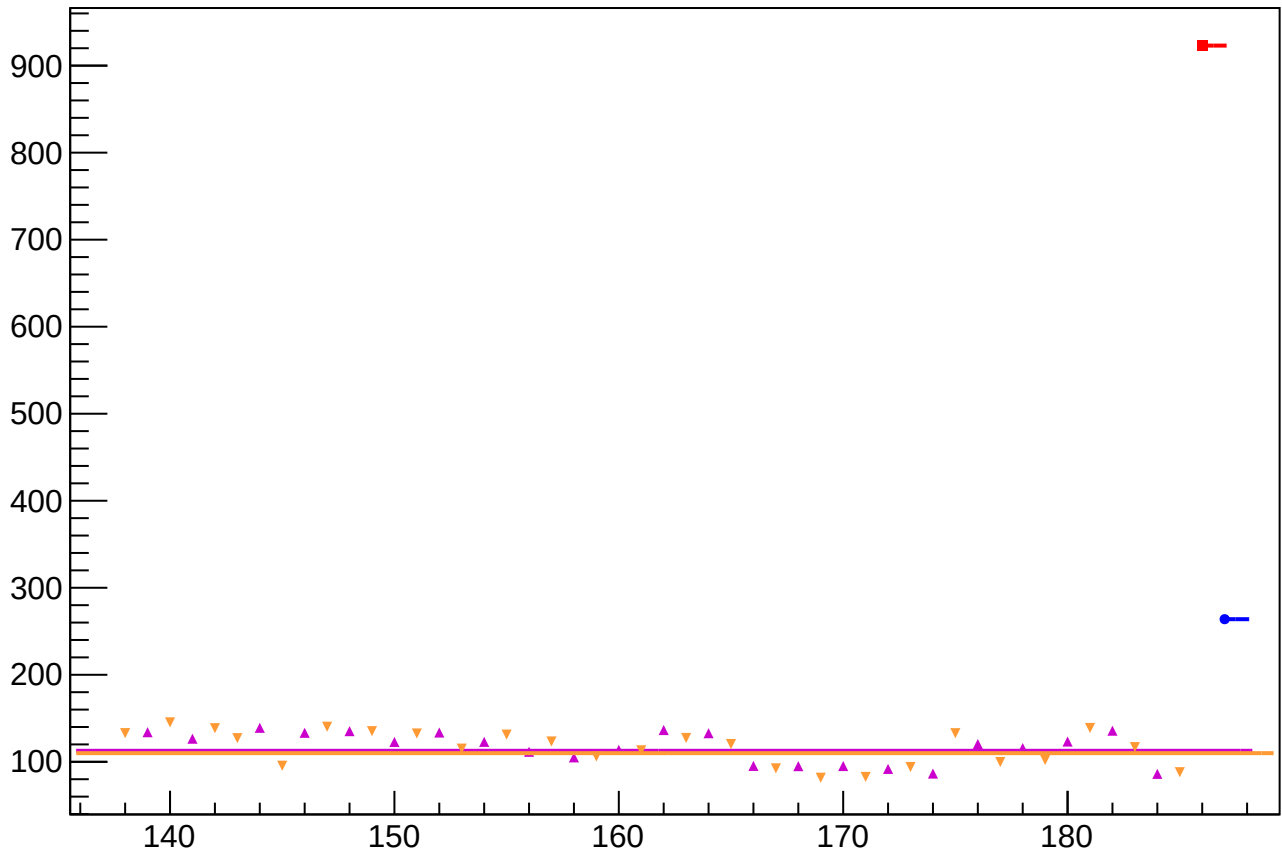
Left In: -62.310+/-27.398 χ^2/NDF : 22.0/22

+ sign 21.632+/-26.265 χ^2/NDF : 28.4/25

All: -18.492+/-18.959 χ^2/NDF : 55.4/49

- sign -62.138+/-27.394 χ^2/NDF : 22.1/23

dit_asym_sam_26_avg_rms vs Slug



Right In: 263.896 $\pm$ 0.489 χ^2 /NDF: 0.0/0

Left Out: 109.953 $\pm$ 0.019 χ^2 /NDF:1140626.9/24

Right Out: 923.018 $\pm$ 1.065 χ^2 /NDF: 0.0/0

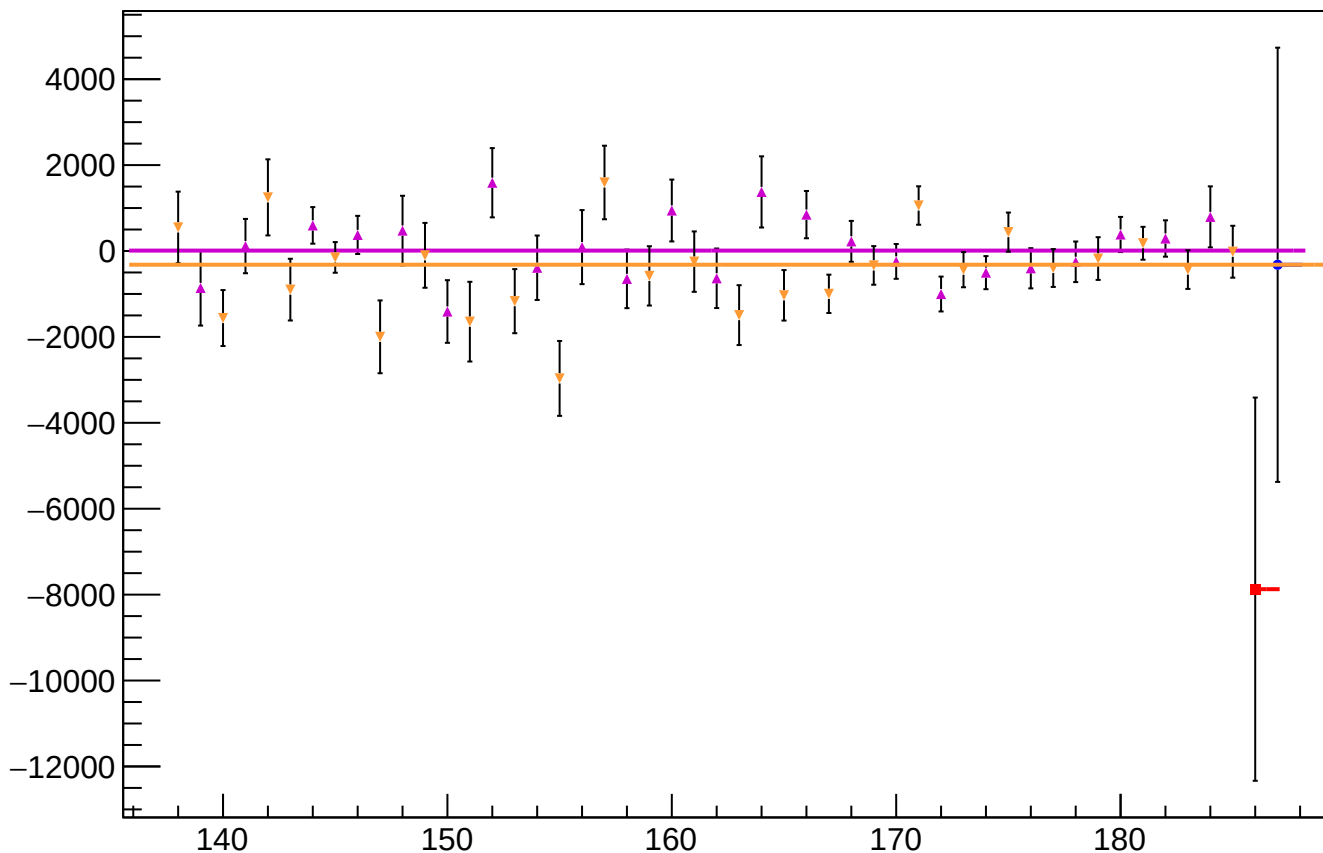
Left In: 112.657 $\pm$ 0.019 χ^2 /NDF:835831.1/22

+ sign 110.174 $\pm$ 0.019 χ^2 /NDF: 1239463.2/25

All: 111.492 $\pm$ 0.013 χ^2 /NDF: 2664450.1/49

- sign 112.925 $\pm$ 0.019 χ^2 /NDF: 1414480.2/23

asym_sam_26_avg_correction_mean vs Slug



Right In: -321.221 ± 5054.780 χ^2/NDF : 0.0/0

Left Out: -319.391 ± 110.306 χ^2/NDF : 51.5/24

Right Out: -7873.137 ± 4461.037 χ^2/NDF : 0.0/0

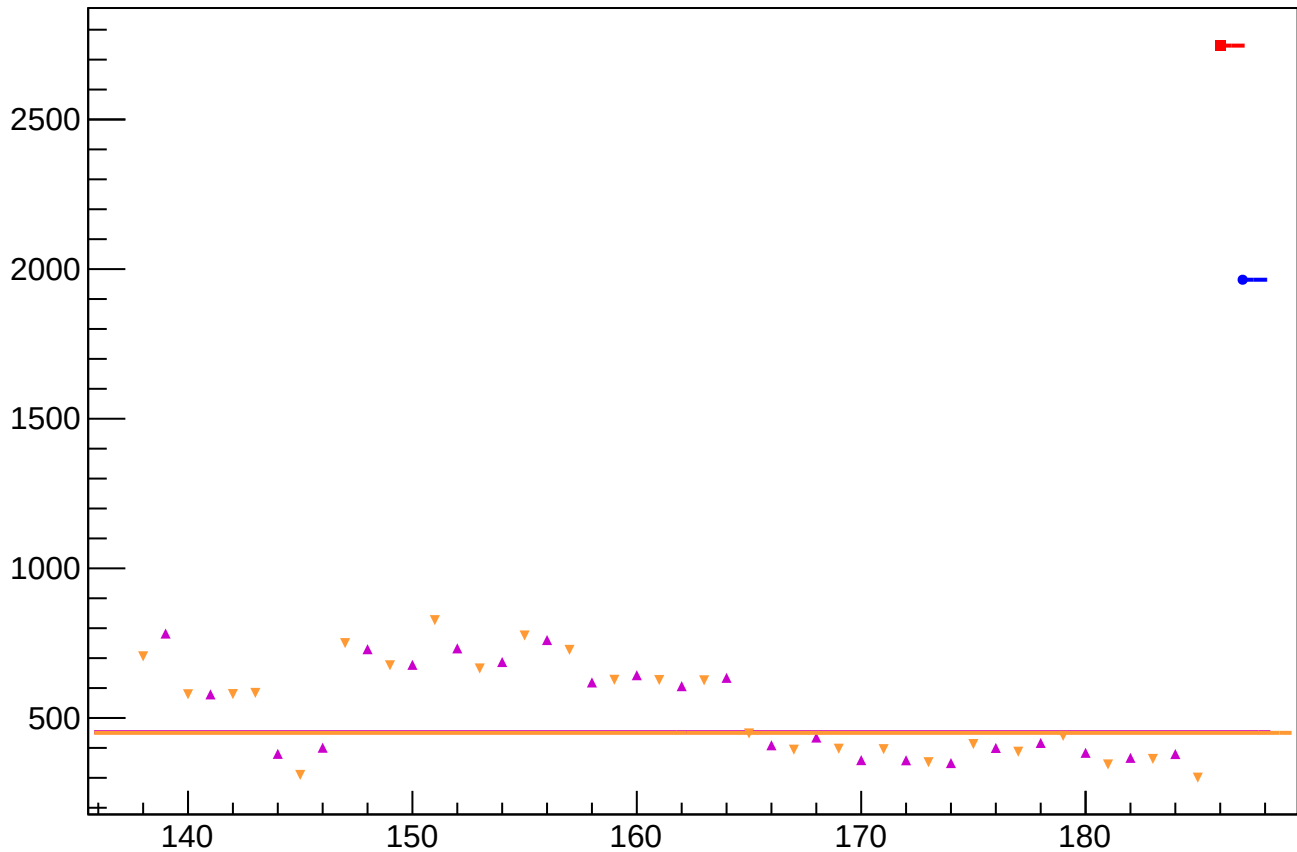
Left In: 9.462 ± 112.340 χ^2/NDF : 32.5/22

+ sign -319.392 ± 110.279 χ^2/NDF : 51.5/25

All: -160.409 ± 78.685 χ^2/NDF : 91.4/49

- sign 4.466 ± 112.305 χ^2/NDF : 35.6/23

asym_sam_26_avg_correction_rms vs Slug



Right In: 1964.500+/-3.574 χ^2/NDF : 0.0/0

Left Out: 450.363+/-0.078 χ^2/NDF : 3096435.8/24

Right Out: 2746.822+/-3.154 χ^2/NDF : 0.0/0

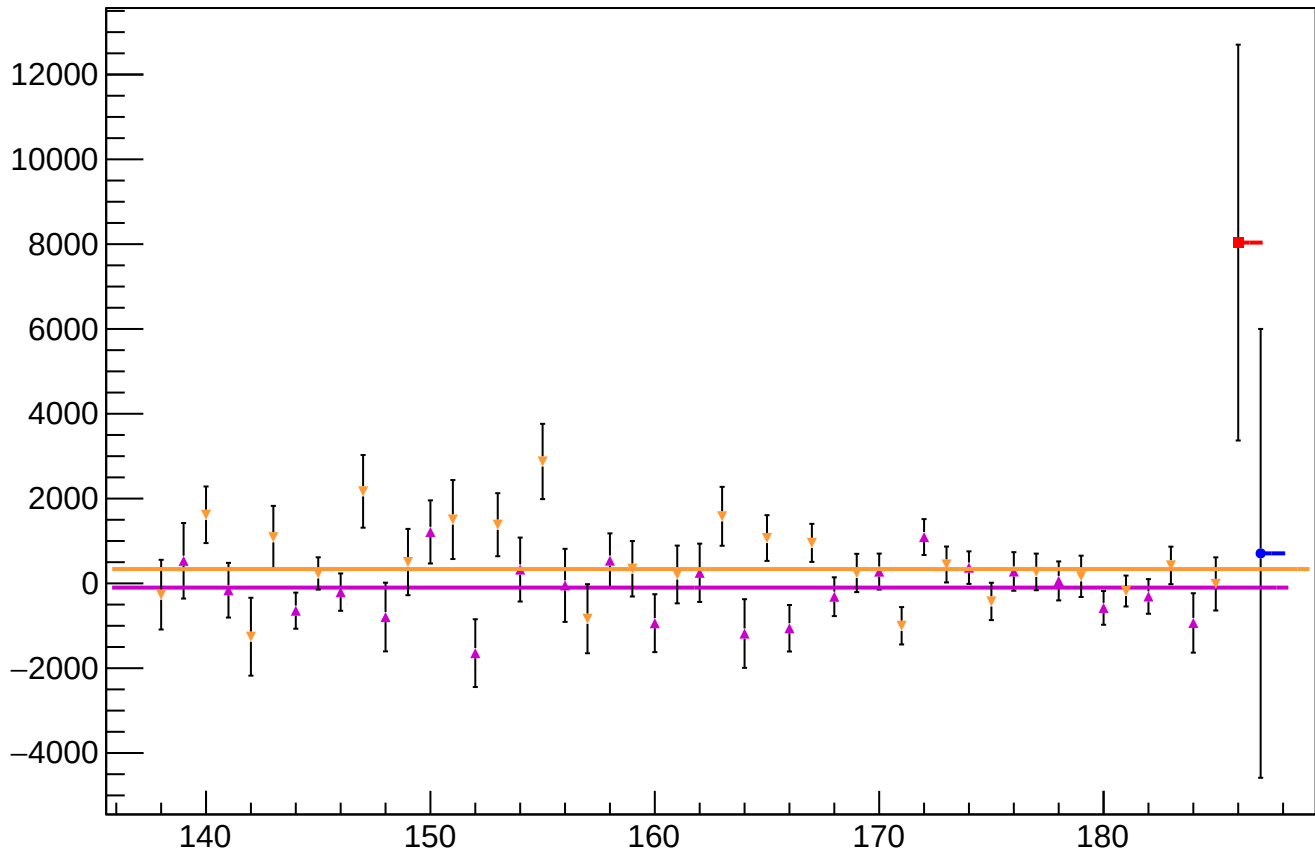
Left In: 452.694+/-0.079 χ^2/NDF : 2586032.2/22

+ sign 451.084+/-0.078 χ^2/NDF : 3275805.5/25

All: 452.588+/-0.056 χ^2/NDF : 6391184.8/49

- sign 454.148+/-0.079 χ^2/NDF : 3114621.2/23

asym_sam_26_avg_mean vs Slug



Right In: 707.944 $\pm$ 5292.618 χ^2 /NDF: 0.0/0

Left Out: 337.948 $\pm$ 109.831 χ^2 /NDF: 48.6/24

Right Out: 8036.867 $\pm$ 4667.395 χ^2 /NDF: 0.0/0

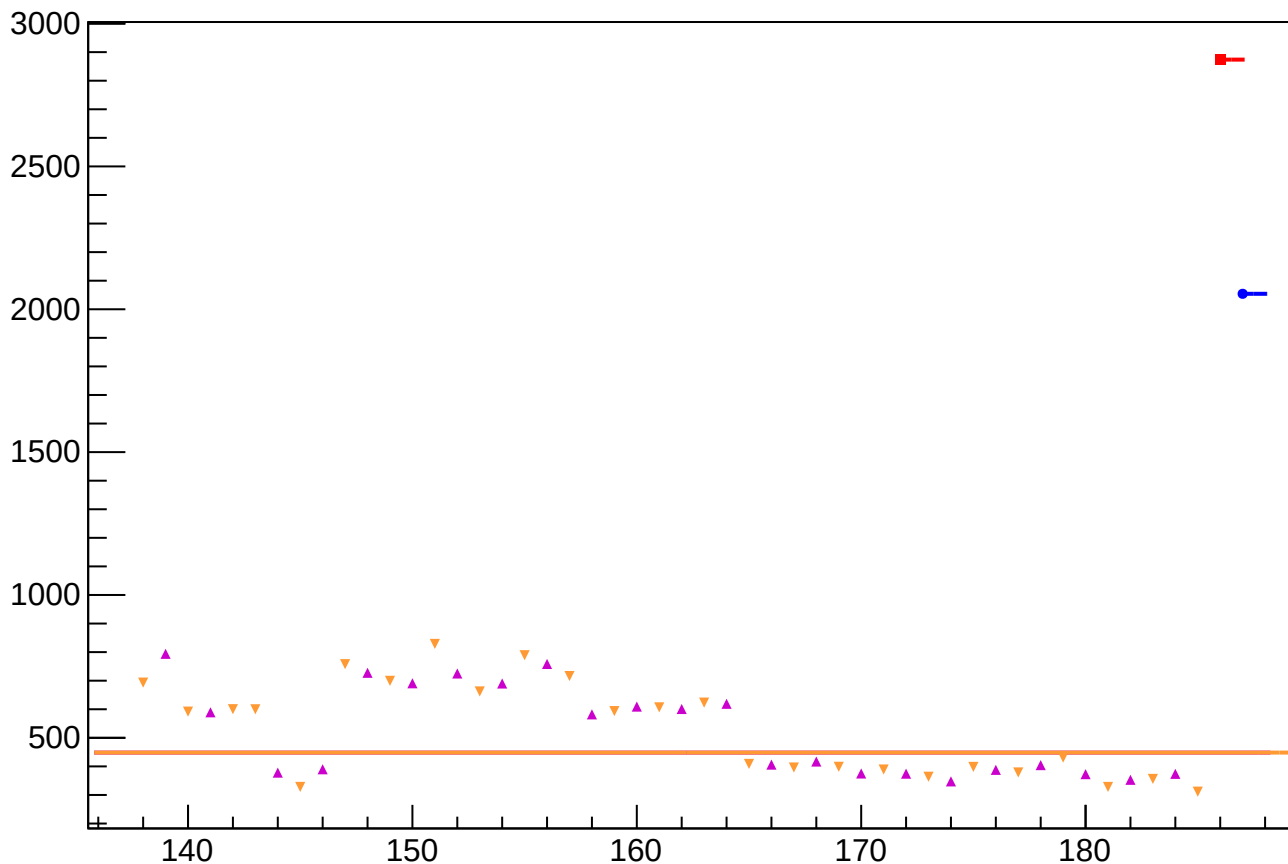
Left In: -99.475 $\pm$ 111.475 χ^2 /NDF: 32.1/22

+ sign 338.107 $\pm$ 109.807 χ^2 /NDF: 48.6/25

All: 124.836 $\pm$ 78.217 χ^2 /NDF: 91.3/49

- sign -94.837 $\pm$ 111.443 χ^2 /NDF: 35.1/23

asym_sam_26_avg_rms vs Slug



Right In: 2054.143 $\pm$ 3.742 χ^2 /NDF: 0.0/0

Left Out: 448.397 $\pm$ 0.078 χ^2 /NDF:3077183.0/24

Right Out: 2873.828 $\pm$ 3.300 χ^2 /NDF: 0.0/0

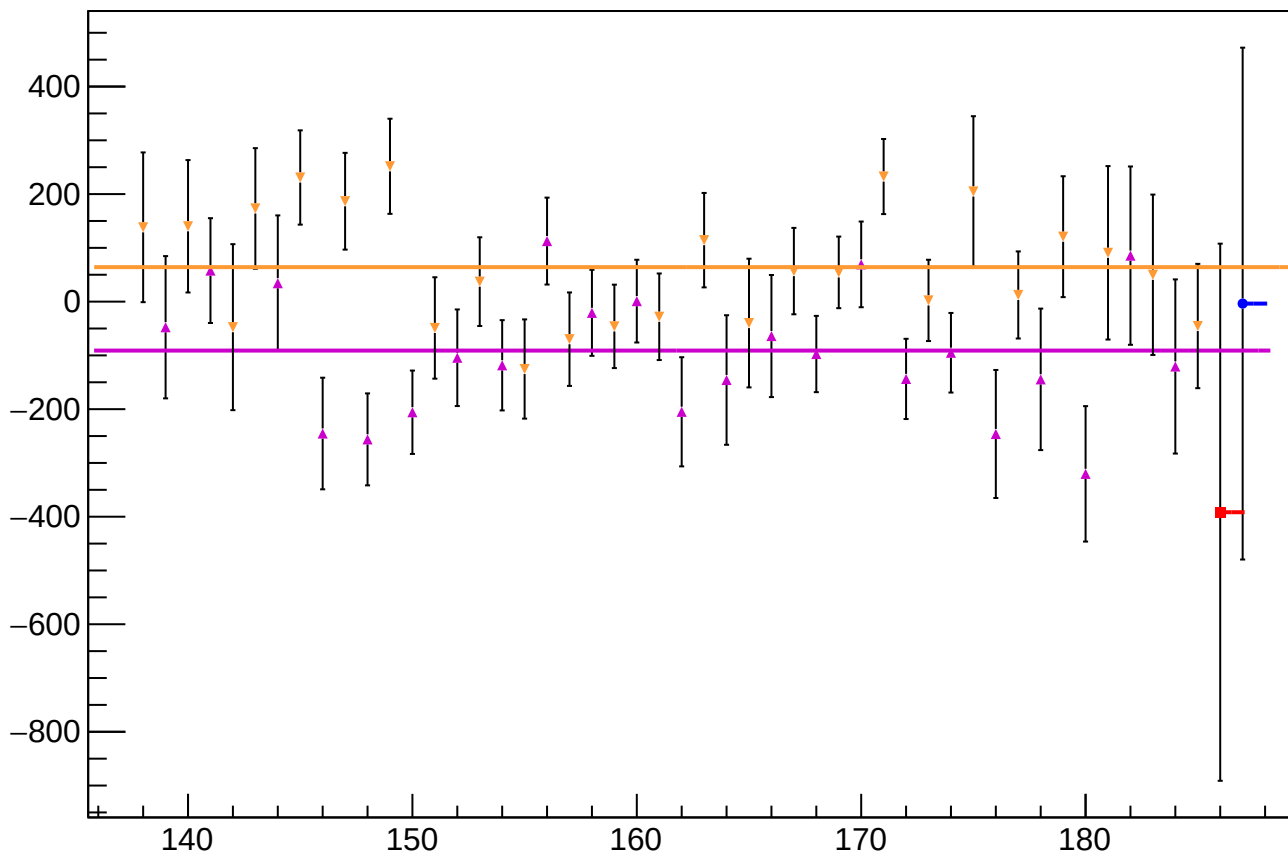
Left In: 448.238 $\pm$ 0.079 χ^2 /NDF:2563455.5/22

+ sign 449.088 $\pm$ 0.078 χ^2 /NDF: 3261199.2/25

All: 449.351 $\pm$ 0.055 χ^2 /NDF: 6364521.6/49

- sign 449.621 $\pm$ 0.079 χ^2 /NDF: 3103299.1/23

dit_asym_sam_37_avg_mean vs Slug



Right In: -3.663 ± 475.968 χ^2/NDF : 0.0/0

Left Out: 64.142 ± 18.728 χ^2/NDF : 33.8/24

Right Out: -391.682 ± 499.478 χ^2/NDF : 0.0/0

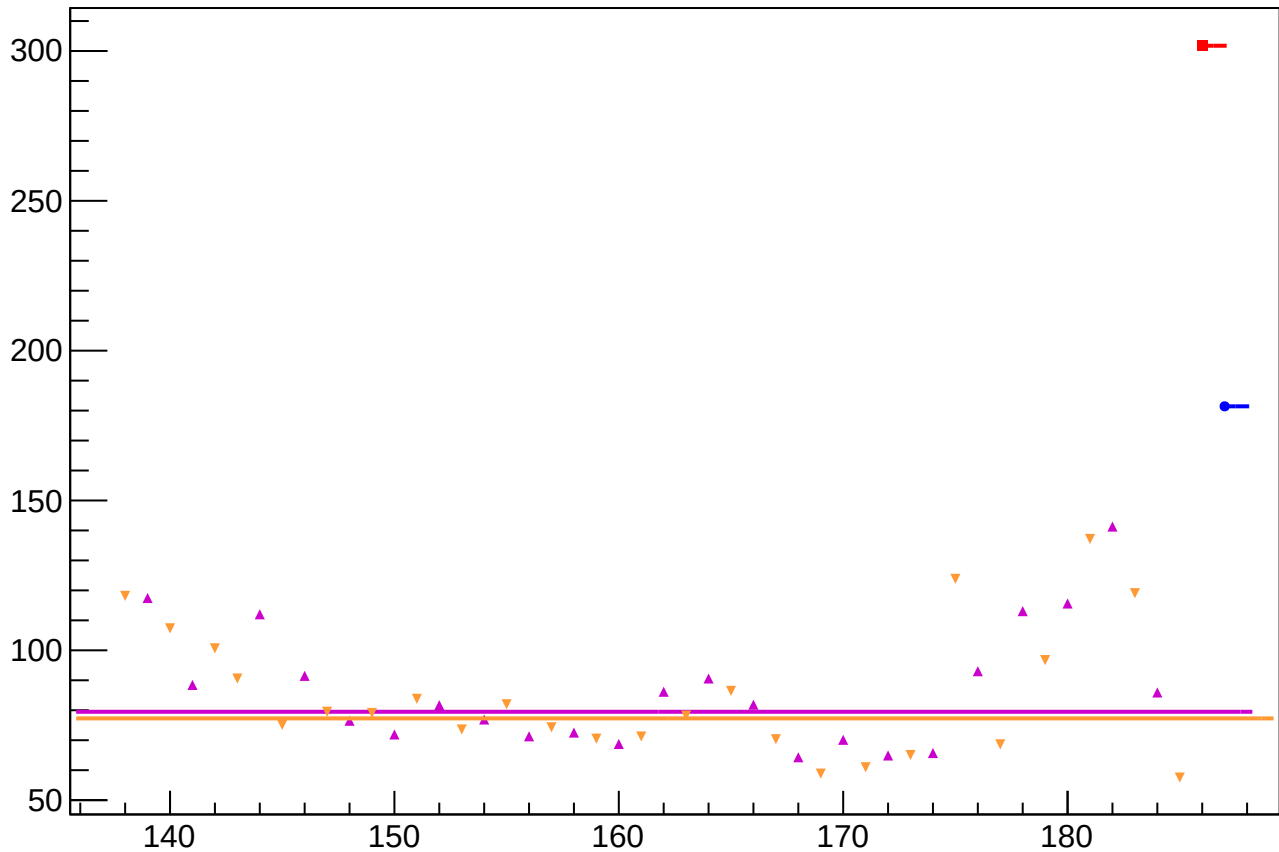
Left In: -91.028 ± 19.637 χ^2/NDF : 32.6/22

+ sign 64.037 ± 18.713 χ^2/NDF : 33.8/25

All: -10.042 ± 13.542 χ^2/NDF : 99.7/49

- sign -91.492 ± 19.622 χ^2/NDF : 33.0/23

dit_asym_sam_37_avg_rms vs Slug



Right In: 181.423+/-0.337 χ^2/NDF : 0.0/0

Left Out: 77.280+/-0.013 χ^2/NDF : 1553410.1/24

Right Out: 301.760+/-0.353 χ^2/NDF : 0.0/0

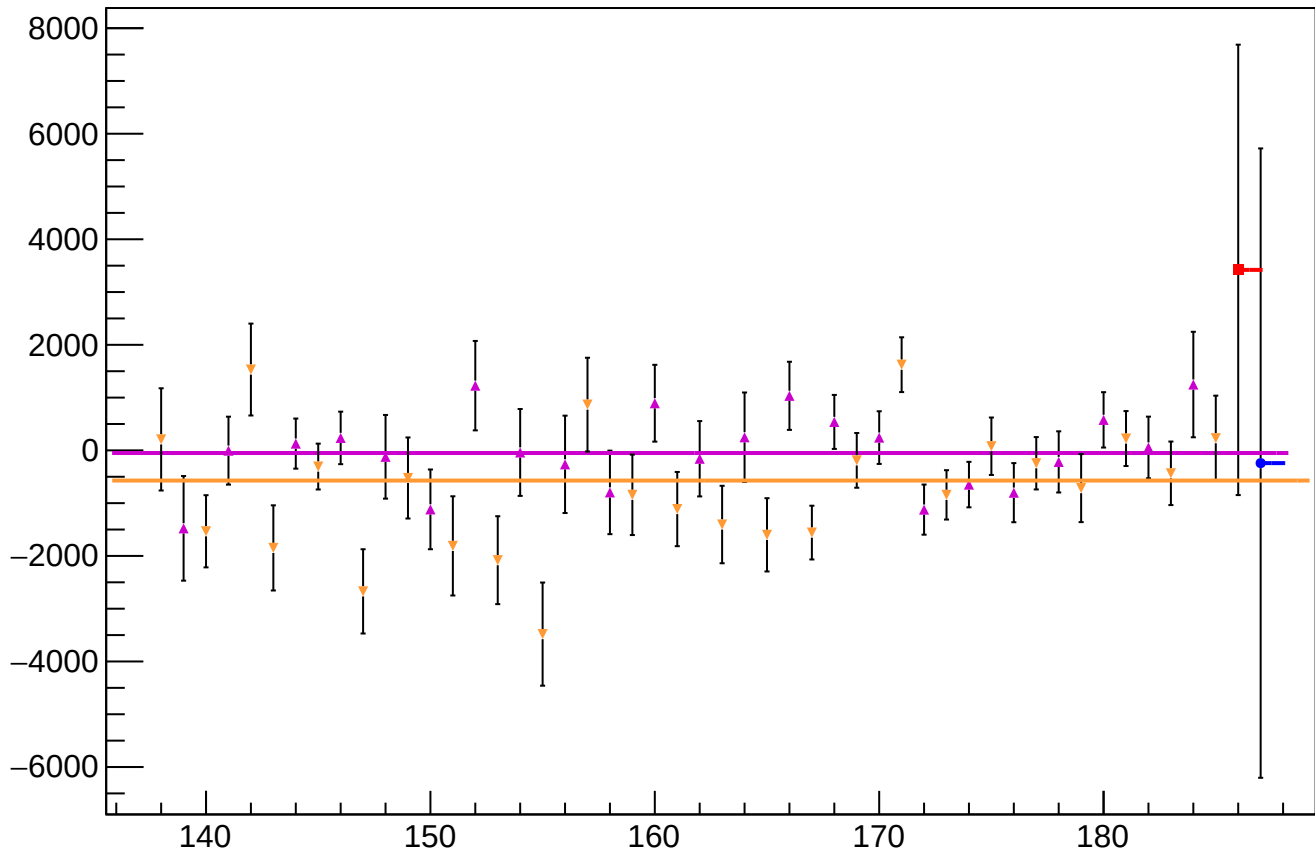
Left In: 79.491+/-0.014 χ^2/NDF : 1333774.9/22

+ sign 77.441+/-0.013 χ^2/NDF : 1649012.3/25

All: 78.581+/-0.010 χ^2/NDF : 3393817.0/49

- sign 79.835+/-0.014 χ^2/NDF : 1729215.4/23

asym_sam_37_avg_correction_mean vs Slug



Right In: -241.319+/-5962.902 χ^2/NDF : 0.0/0

Left Out: -571.669+/-128.158 χ^2/NDF : 66.8/24

Right Out: 3420.219+/-4267.312 χ^2/NDF : 0.0/0

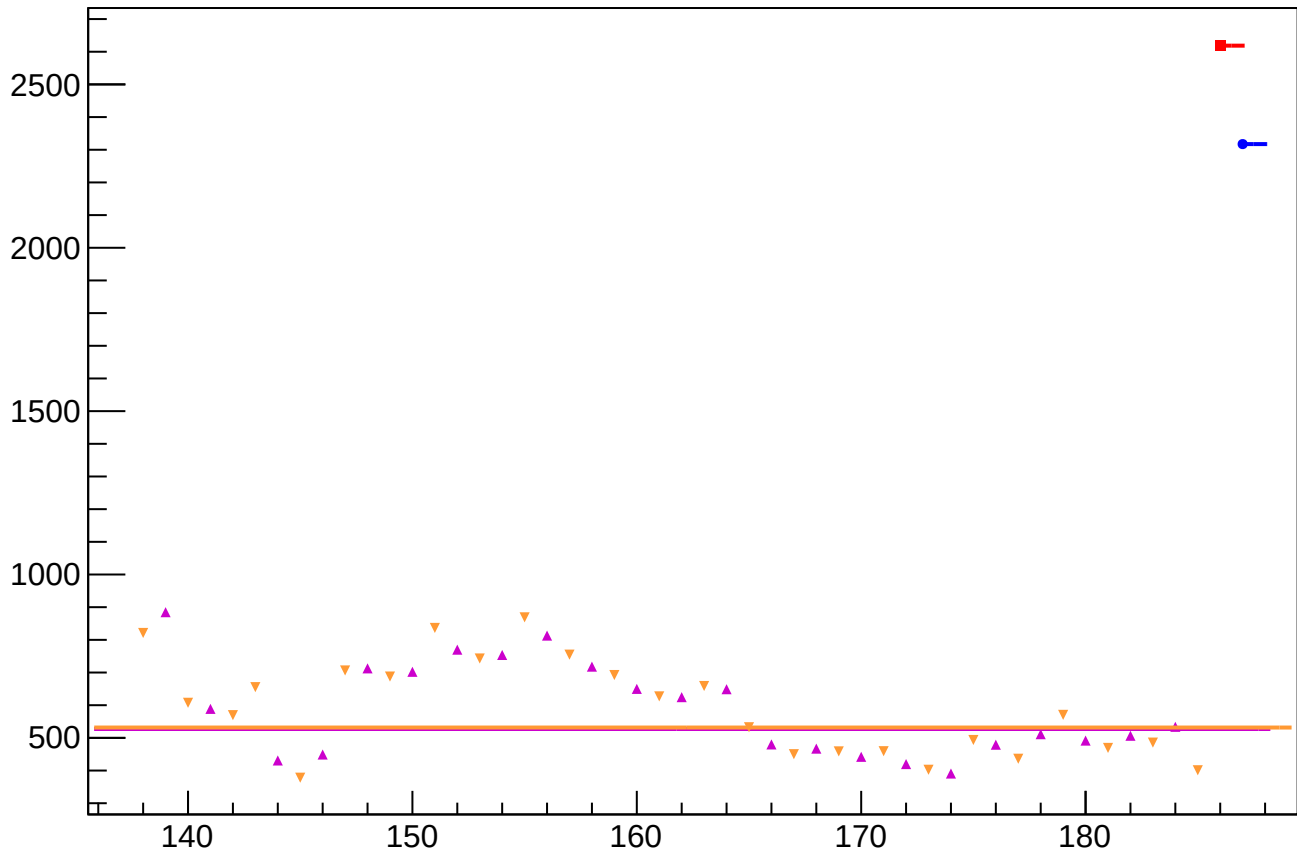
Left In: -50.077+/-129.187 χ^2/NDF : 26.1/22

+ sign -571.516+/-128.128 χ^2/NDF : 66.8/25

All: -311.245+/-90.952 χ^2/NDF : 101.9/49

- sign -46.899+/-129.127 χ^2/NDF : 26.8/23

asym_sam_37_avg_correction_rms vs Slug



Right In: 2317.334+/-4.216 χ^2/NDF : 0.0/0

Left Out: 531.643+/-0.091 χ^2/NDF : 2038304.3/24

Right Out: 2618.601+/-3.017 χ^2/NDF : 0.0/0

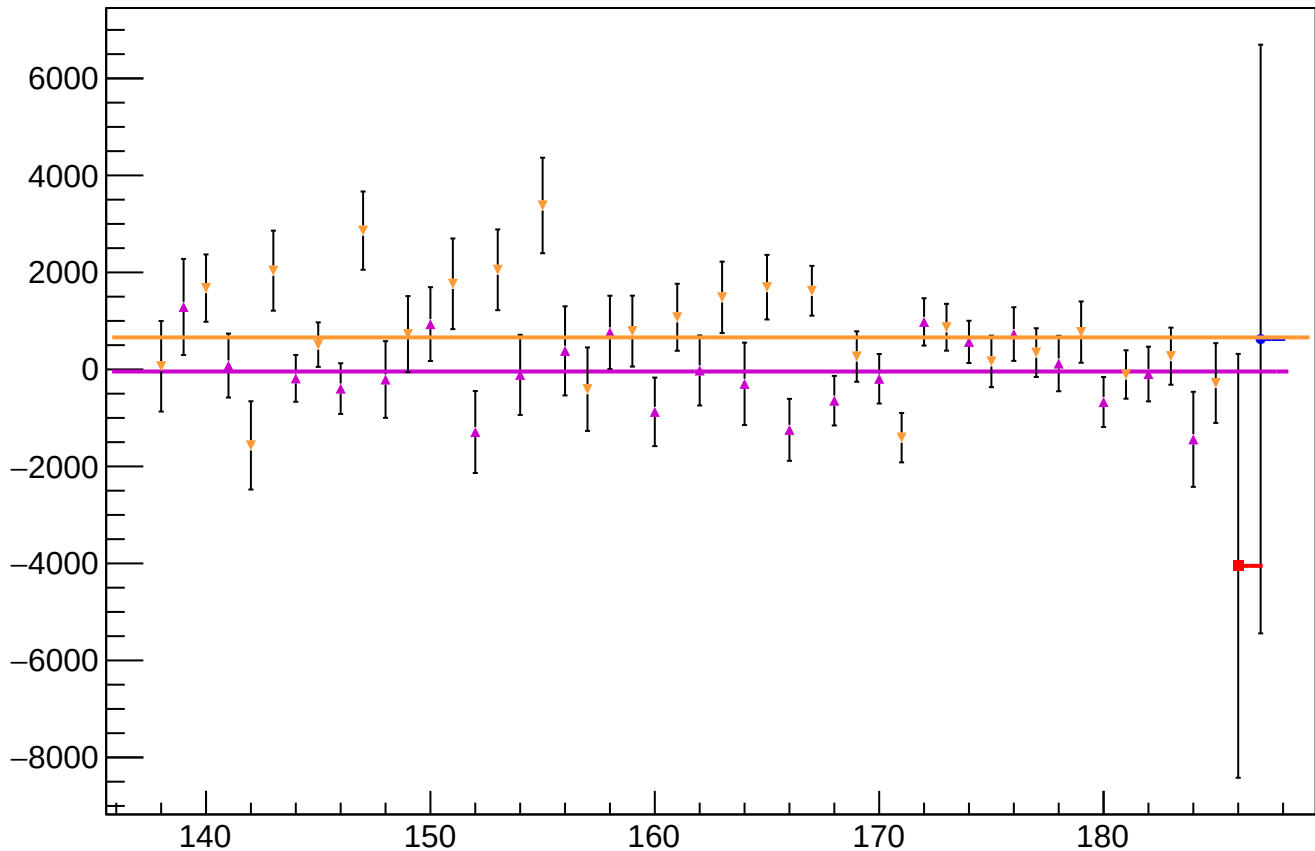
Left In: 527.182+/-0.091 χ^2/NDF : 1813383.7/22

+ sign 532.467+/-0.091 χ^2/NDF : 2217582.3/25

All: 530.795+/-0.064 χ^2/NDF : 4511612.6/49

- sign 529.097+/-0.091 χ^2/NDF : 2293343.9/23

asym_sam_37_avg_mean vs Slug



Right In: 626.605 $\pm$ 6068.801 χ^2 /NDF: 0.0/0

Left Out: 659.523 $\pm$ 128.164 χ^2 /NDF: 62.4/24

Right Out: -4049.889 $\pm$ 4370.005 χ^2 /NDF: 0.0/0

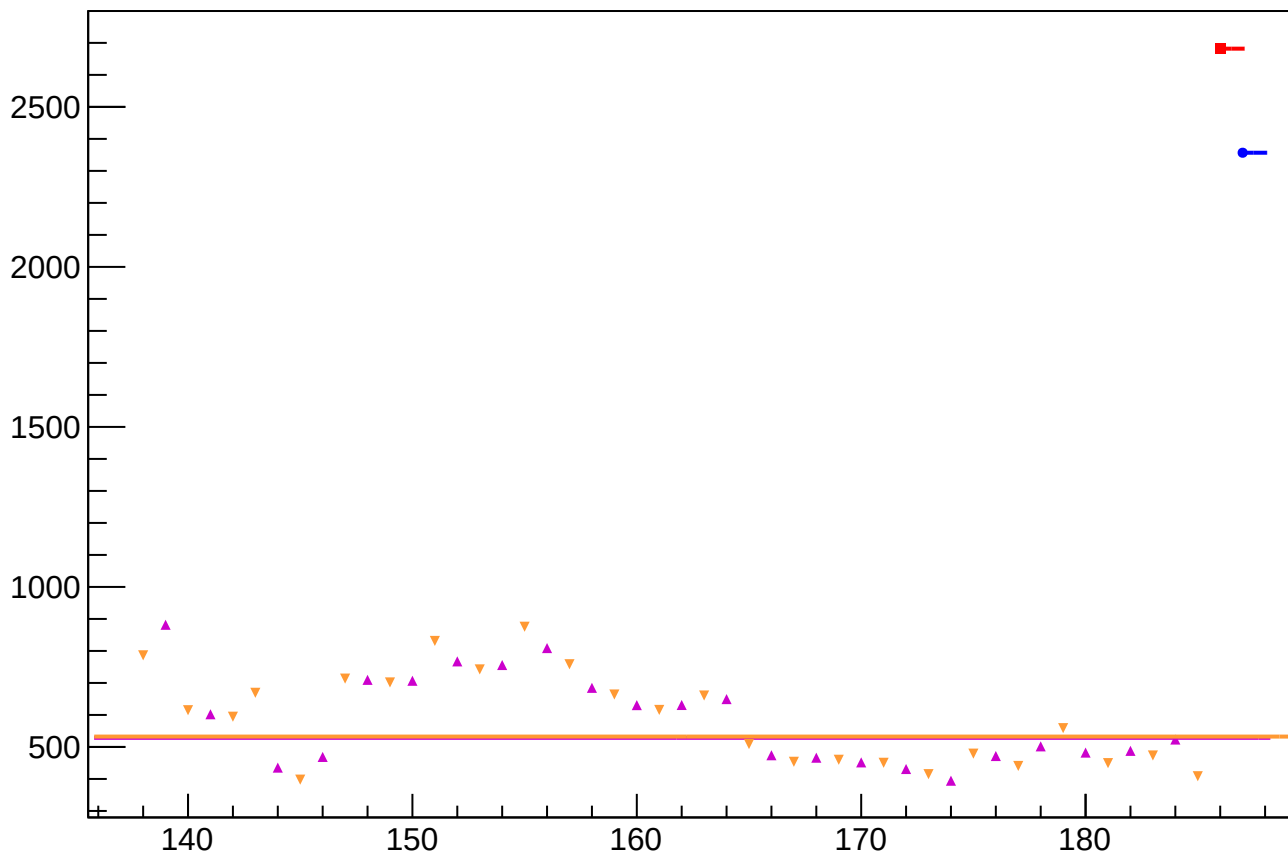
Left In: -43.183 $\pm$ 129.538 χ^2 /NDF: 26.0/22

+ sign 659.508 $\pm$ 128.136 χ^2 /NDF: 62.4/25

All: 310.092 $\pm$ 91.078 χ^2 /NDF: 104.3/49

- sign -46.700 $\pm$ 129.481 χ^2 /NDF: 26.9/23

asym_sam_37_avg_rms vs Slug



Right In: 2356.743 $\pm$ 4.291 χ^2 /NDF: 0.0/0

Left Out: 532.393 $\pm$ 0.091 χ^2 /NDF:1943066.8/24

Right Out: 2681.937 $\pm$ 3.090 χ^2 /NDF: 0.0/0

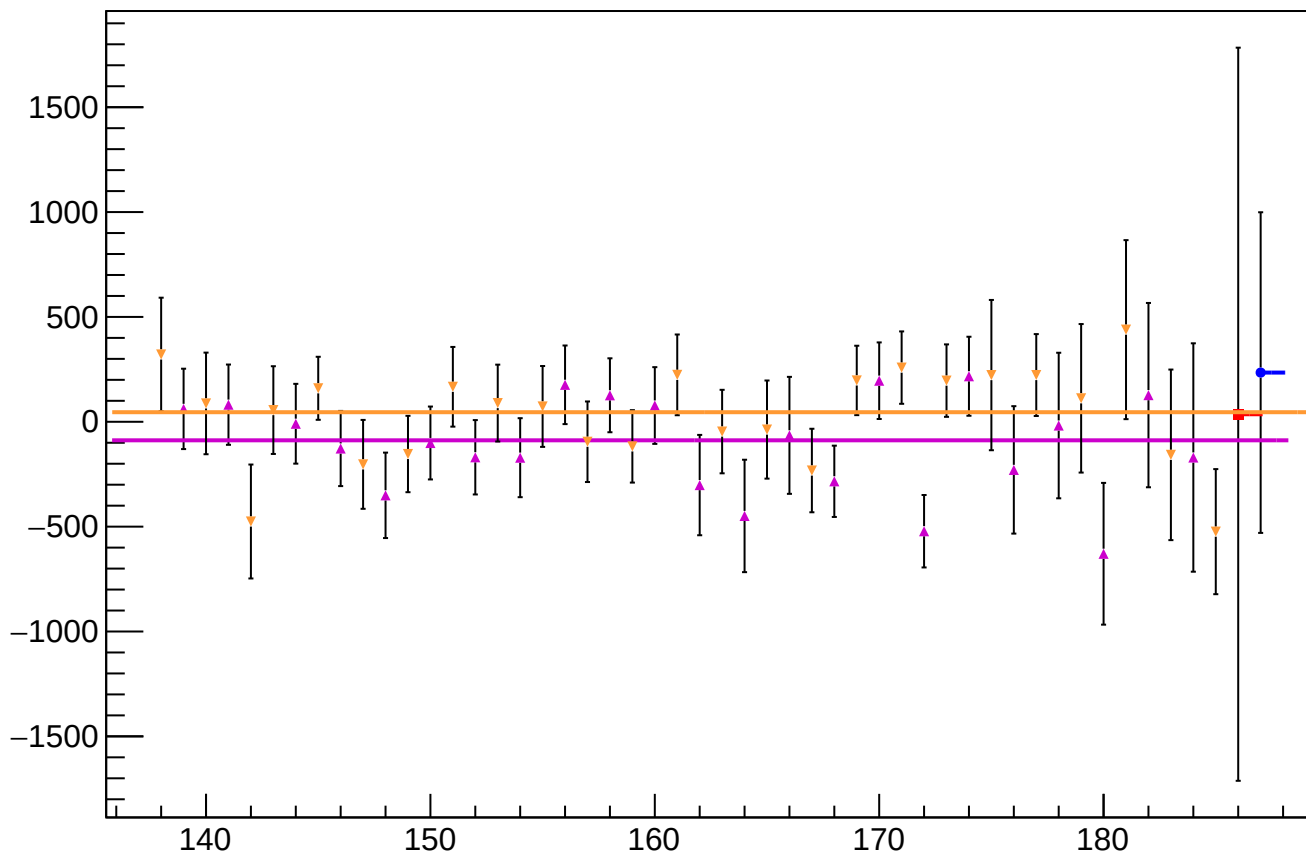
Left In: 528.464 $\pm$ 0.092 χ^2 /NDF:1712049.5/22

+ sign 533.206 $\pm$ 0.091 χ^2 /NDF: 2123720.6/25

All: 531.795 $\pm$ 0.064 χ^2 /NDF: 4321507.8/49

- sign 530.355 $\pm$ 0.092 χ^2 /NDF: 2197297.4/23

dit_asym_sam_48_avg_mean vs Slug



Right In: 234.621 $\pm$ 764.459 χ^2 /NDF: 0.0/0

Left Out: 45.675 $\pm$ 41.779 χ^2 /NDF:21.9/24

Right Out: 36.000 $\pm$ 1747.897 χ^2 /NDF: 0.0/0

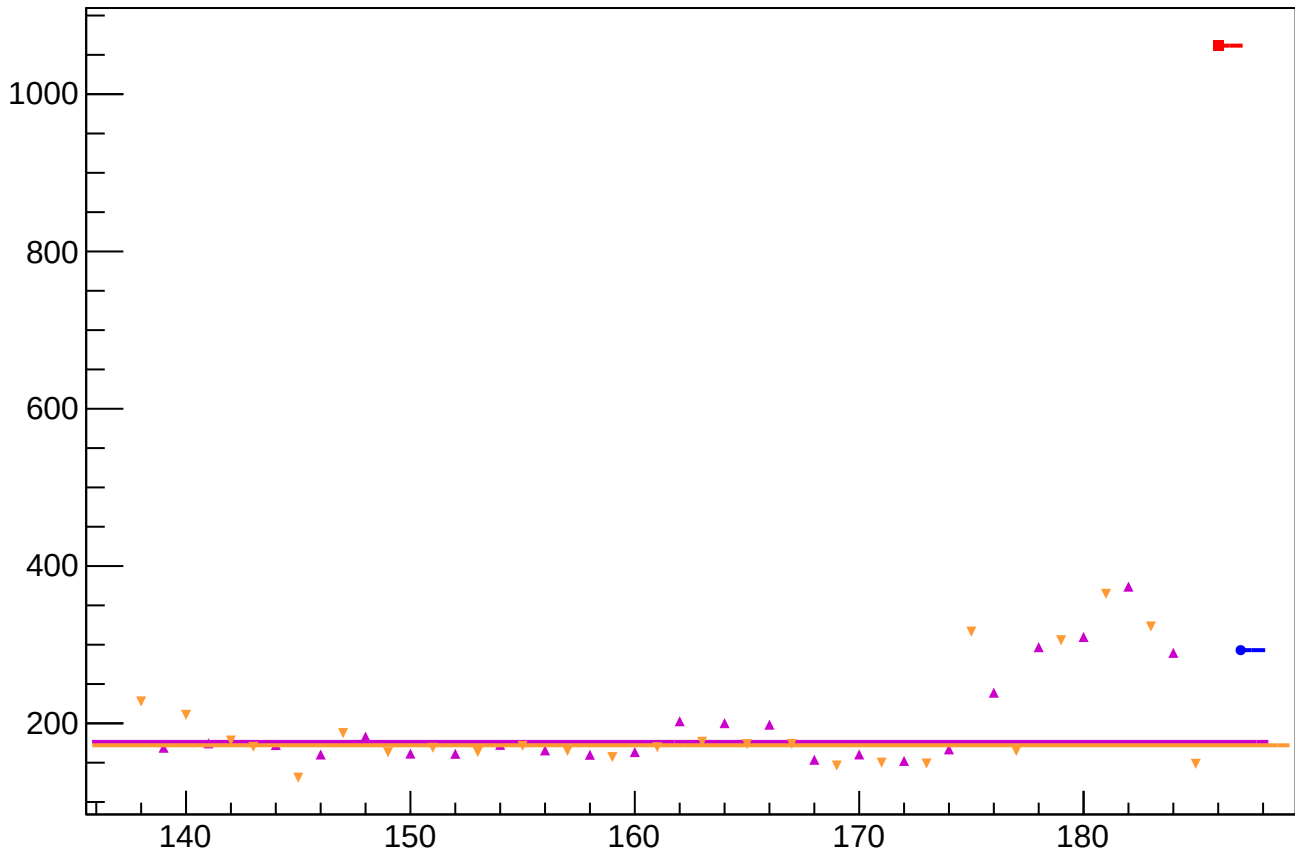
Left In: -88.356 $\pm$ 43.518 χ^2 /NDF:26.4/22

+ sign 46.238 $\pm$ 41.717 χ^2 /NDF: 22.0/25

All: -18.199 $\pm$ 30.110 χ^2 /NDF: 53.3/49

- sign -88.279 $\pm$ 43.505 χ^2 /NDF: 26.4/23

dit_asym_sam_48_avg_rms vs Slug



Right In: 293.079 $\pm$ 0.541 χ^2 /NDF: 0.0/0

Left Out: 172.097 $\pm$ 0.030 χ^2 /NDF:1752497.1/24

Right Out: 1061.708 $\pm$ 1.236 χ^2 /NDF: 0.0/0

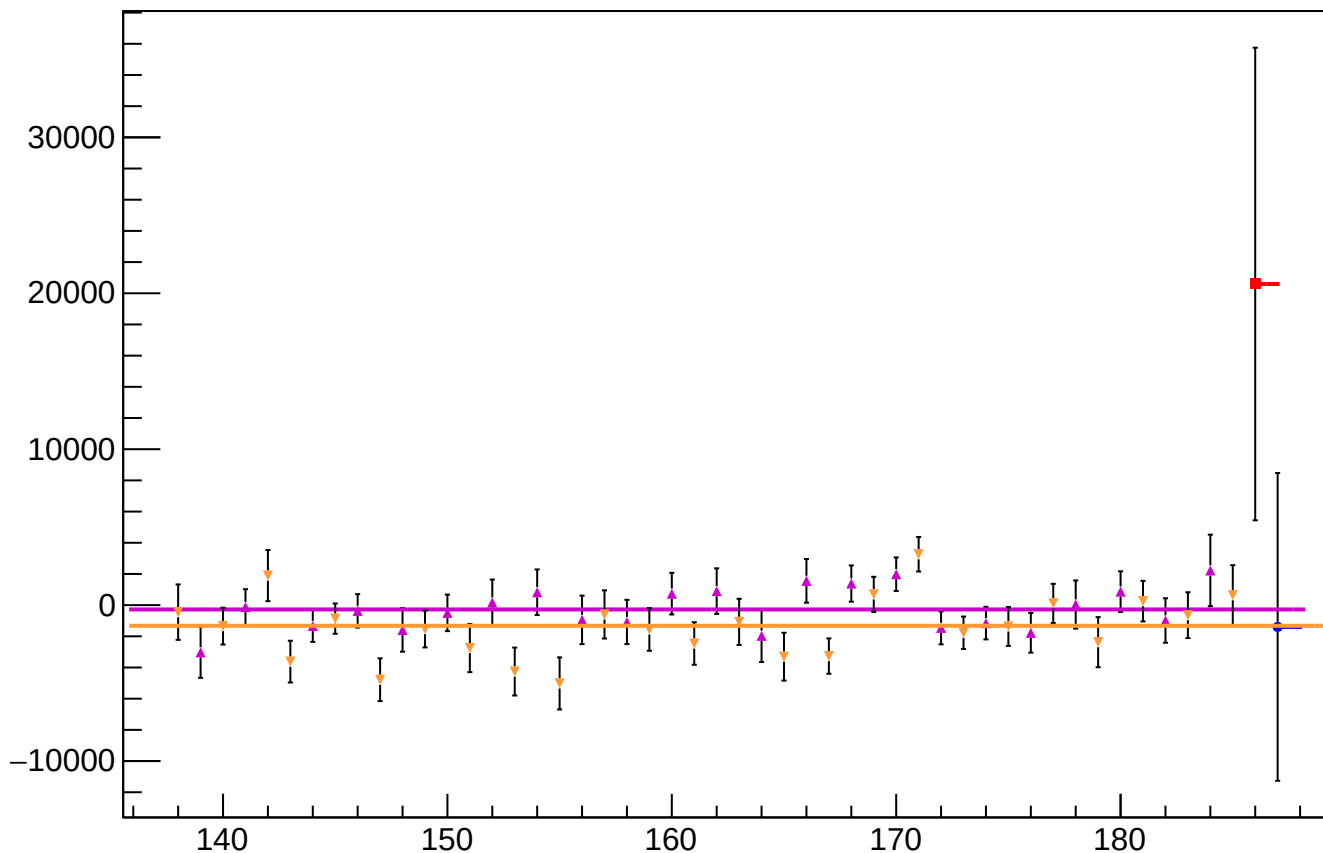
Left In: 176.425 $\pm$ 0.031 χ^2 /NDF:1360607.7/22

+ sign 172.457 $\pm$ 0.029 χ^2 /NDF: 1802439.4/25

All: 174.620 $\pm$ 0.021 χ^2 /NDF: 3687010.9/49

- sign 176.973 $\pm$ 0.031 χ^2 /NDF: 1873342.9/23

asym_sam_48_avg_correction_mean vs Slug



Right In: -1396.663+/-9869.299 χ^2/NDF : 0.0/0

Left Out: -1324.367+/-265.950 χ^2/NDF : 53.6/24

Right Out: 20595.593+/-15156.045 χ^2/NDF : 0.0/0

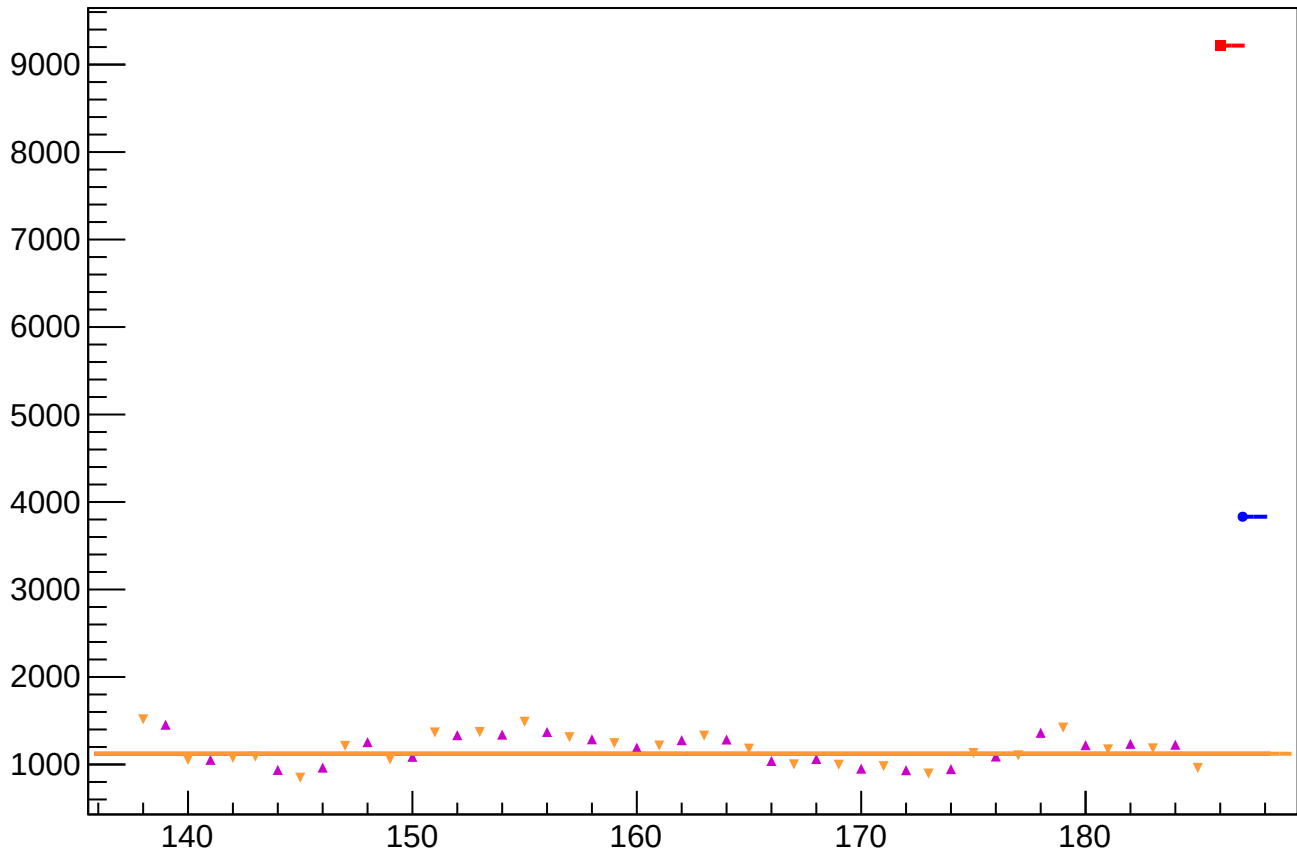
Left In: -276.678+/-270.547 χ^2/NDF : 22.0/22

+ sign -1324.419+/-265.853 χ^2/NDF : 53.6/25

All: -806.365+/-189.609 χ^2/NDF : 85.3/49

- sign -270.029+/-270.504 χ^2/NDF : 23.9/23

asym_sam_48_avg_correction_rms vs Slug



Right In: 3831.746 $\pm$ 6.979 χ^2 /NDF: 0.0/0

Left Out: 1123.022 $\pm$ 0.188 χ^2 /NDF: 842393.5/24

Right Out: 9216.680 $\pm$ 10.717 χ^2 /NDF: 0.0/0

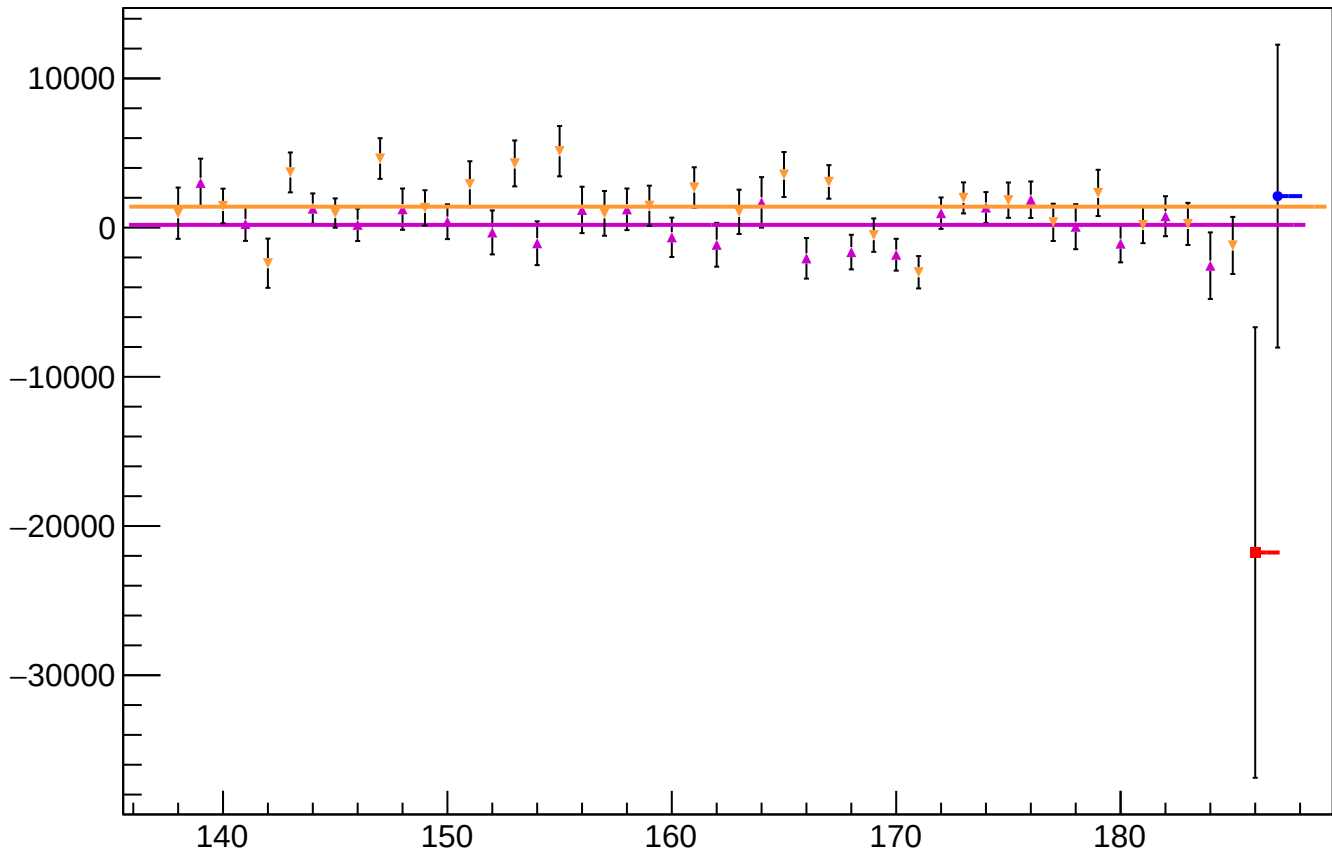
Left In: 1123.148 $\pm$ 0.191 χ^2 /NDF: 689778.4/22

+ sign 1124.987 $\pm$ 0.188 χ^2 /NDF: 992940.3/25

All: 1125.350 $\pm$ 0.134 χ^2 /NDF: 2252885.4/49

- sign 1125.726 $\pm$ 0.191 χ^2 /NDF: 1259937.5/23

asym_sam_48_avg_mean vs Slug



Right In: 2111.622 $\pm$ 10151.201 χ^2 /NDF: 0.0/0

Left Out: 1404.763 $\pm$ 262.517 χ^2 /NDF: 53.1/24

Right Out: -21775.967 $\pm$ 15099.885 χ^2 /NDF: 0.0/0

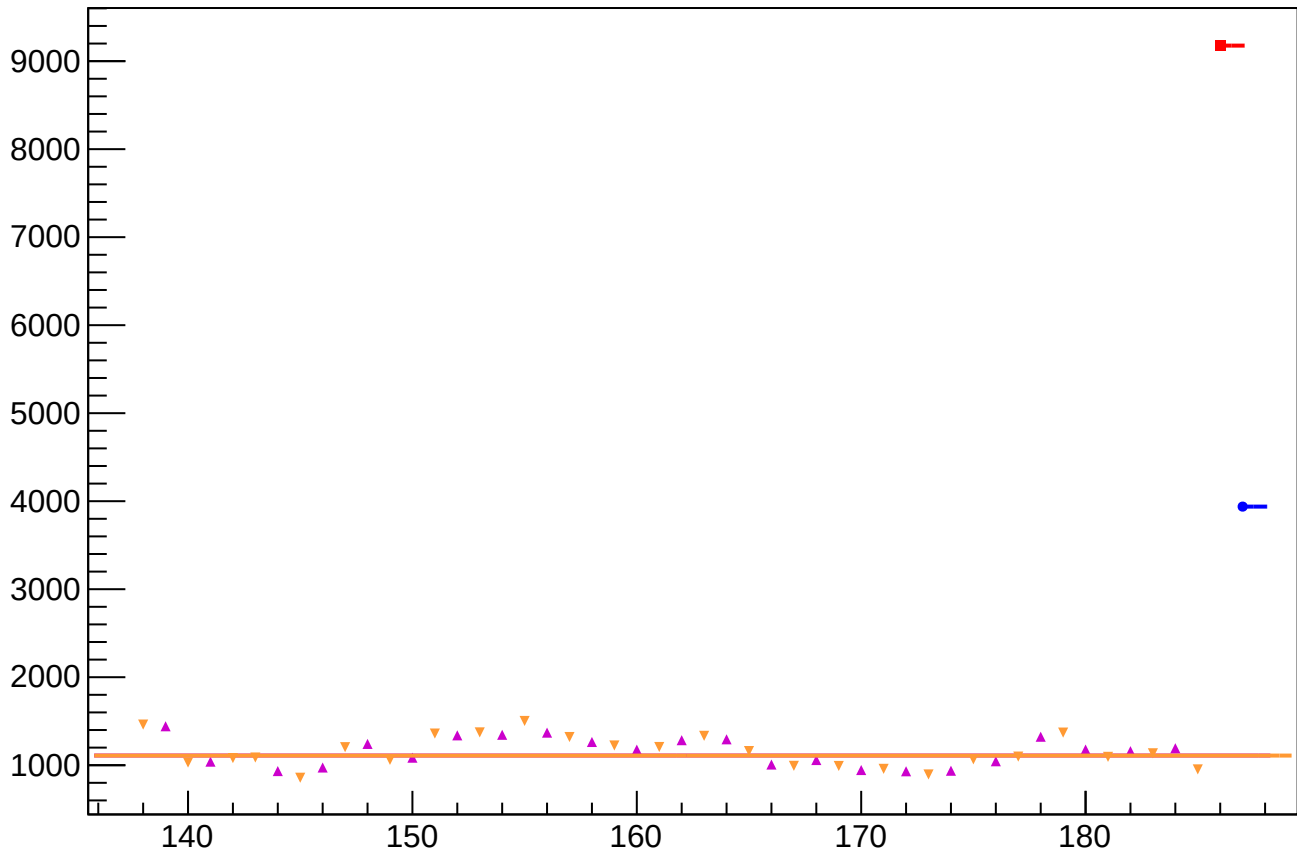
Left In: 183.249 $\pm$ 267.620 χ^2 /NDF: 23.7/22

+ sign 1405.235 $\pm$ 262.429 χ^2 /NDF: 53.1/25

All: 802.731 $\pm$ 187.359 χ^2 /NDF: 89.7/49

- sign 176.353 $\pm$ 267.578 χ^2 /NDF: 25.8/23

asym_sam_48_avg_rms vs Slug



Right In: 3938.513+/-7.178 χ^2/NDF : 0.0/0

Left Out: 1109.574+/-0.186 χ^2/NDF : 812957.8/24

Right Out: 9176.590+/-10.677 χ^2/NDF : 0.0/0

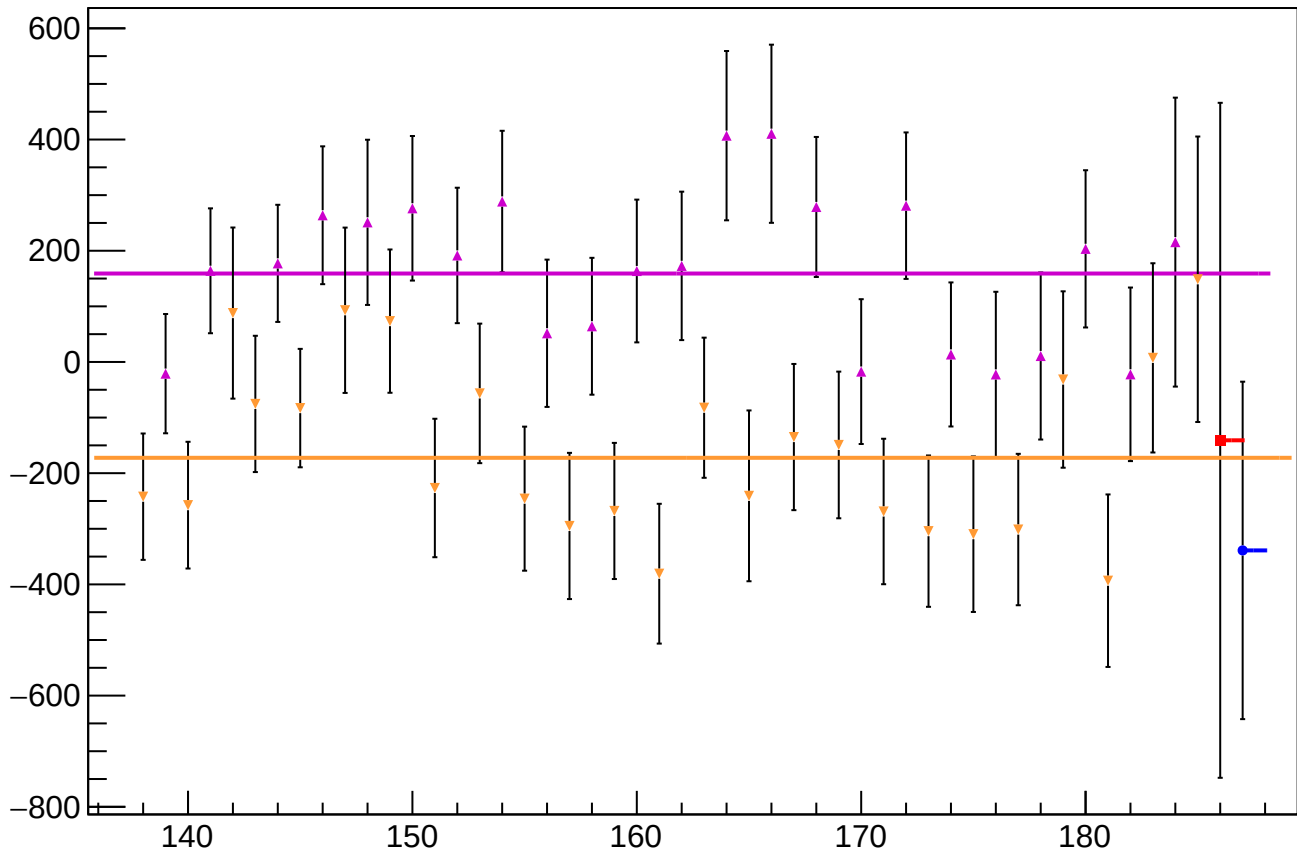
Left In: 1110.162+/-0.189 χ^2/NDF : 673229.2/22

+ sign 1111.465+/-0.186 χ^2/NDF : 968179.3/25

All: 1112.068+/-0.132 χ^2/NDF : 2212000.0/49

- sign 1112.695+/-0.189 χ^2/NDF : 1243799.1/23

dit_asym_sam_15_dd_mean vs Slug



Right In: -338.889 ± 303.418 χ^2/NDF : 0.0/0

Left Out: -172.357 ± 26.709 χ^2/NDF : 27.2/24

Right Out: -140.889 ± 606.920 χ^2/NDF : 0.0/0

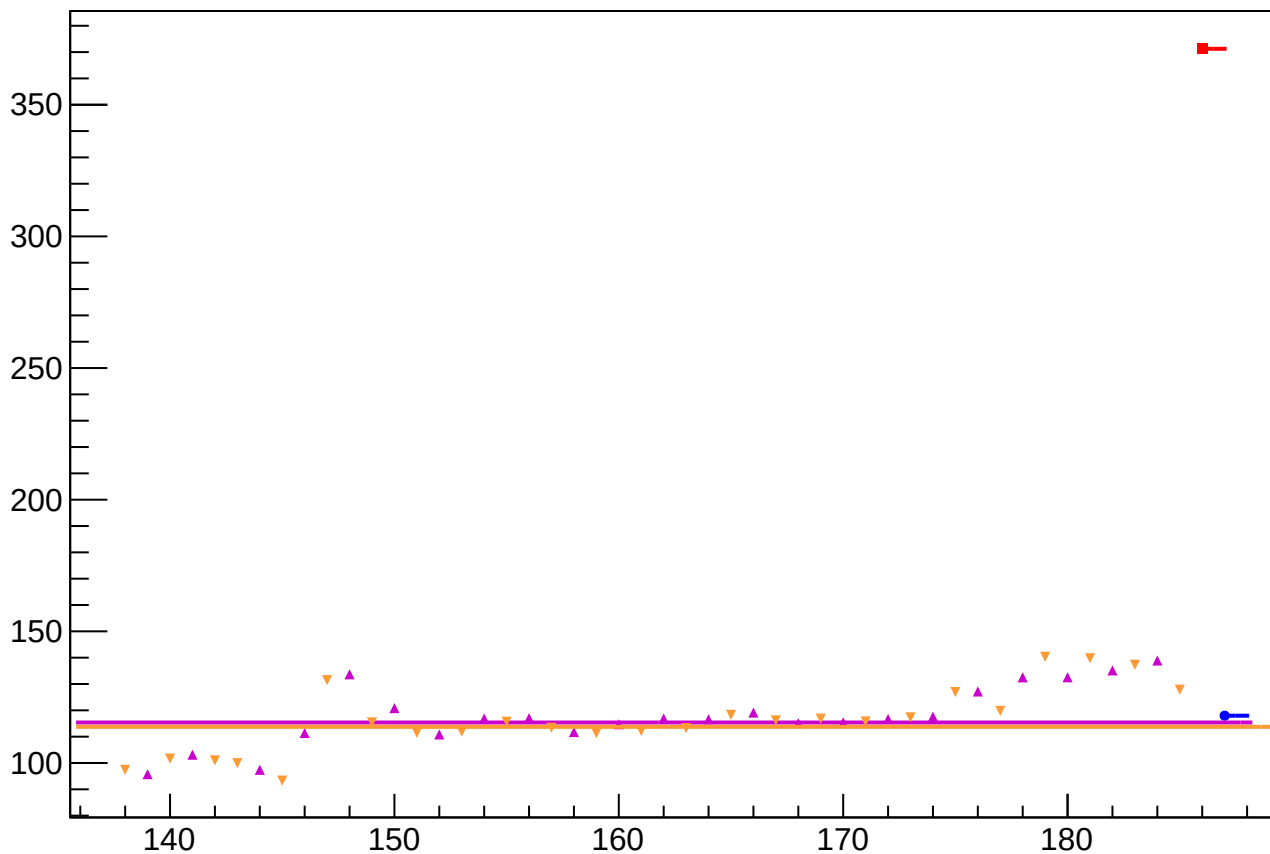
Left In: 159.044 ± 27.608 χ^2/NDF : 21.1/22

+ sign -173.637 ± 26.606 χ^2/NDF : 27.5/25

All: -13.568 ± 19.148 χ^2/NDF : 123.9/49

- sign 158.424 ± 27.579 χ^2/NDF : 21.3/23

dit_asym_sam_15_dd_rms vs Slug



Right In: 117.962 +/- 0.215 χ^2/NDF : 0.0/0

Left Out: 113.727 +/- 0.019 χ^2/NDF : 392153.8/24

Right Out: 371.249 +/- 0.429 χ^2/NDF : 0.0/0

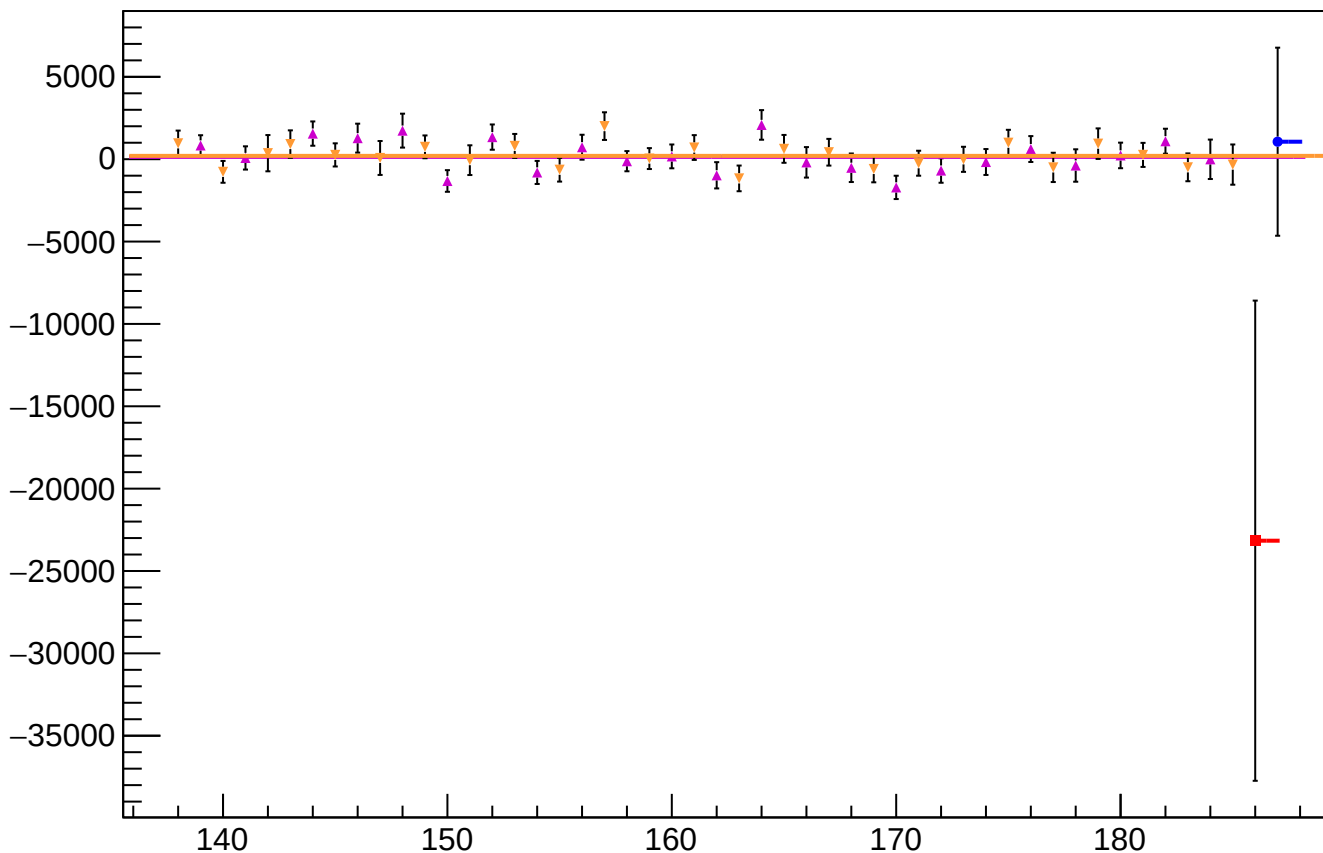
Left In: 115.377 +/- 0.020 χ^2/NDF : 309034.7/22

+ sign 113.760 +/- 0.019 χ^2/NDF : 392540.4/25

All: 114.794 +/- 0.014 χ^2/NDF : 1062587.2/49

- sign 115.905 +/- 0.020 χ^2/NDF : 663779.0/23

asym_sam_15_dd_correction_mean vs Slug



Right In: 1062.045+/-5709.122 χ^2/NDF : 0.0/0

Left Out: 202.466+/-159.030 χ^2/NDF : 19.8/24

Right Out: -23160.936+/-14576.091 χ^2/NDF : 0.0/0

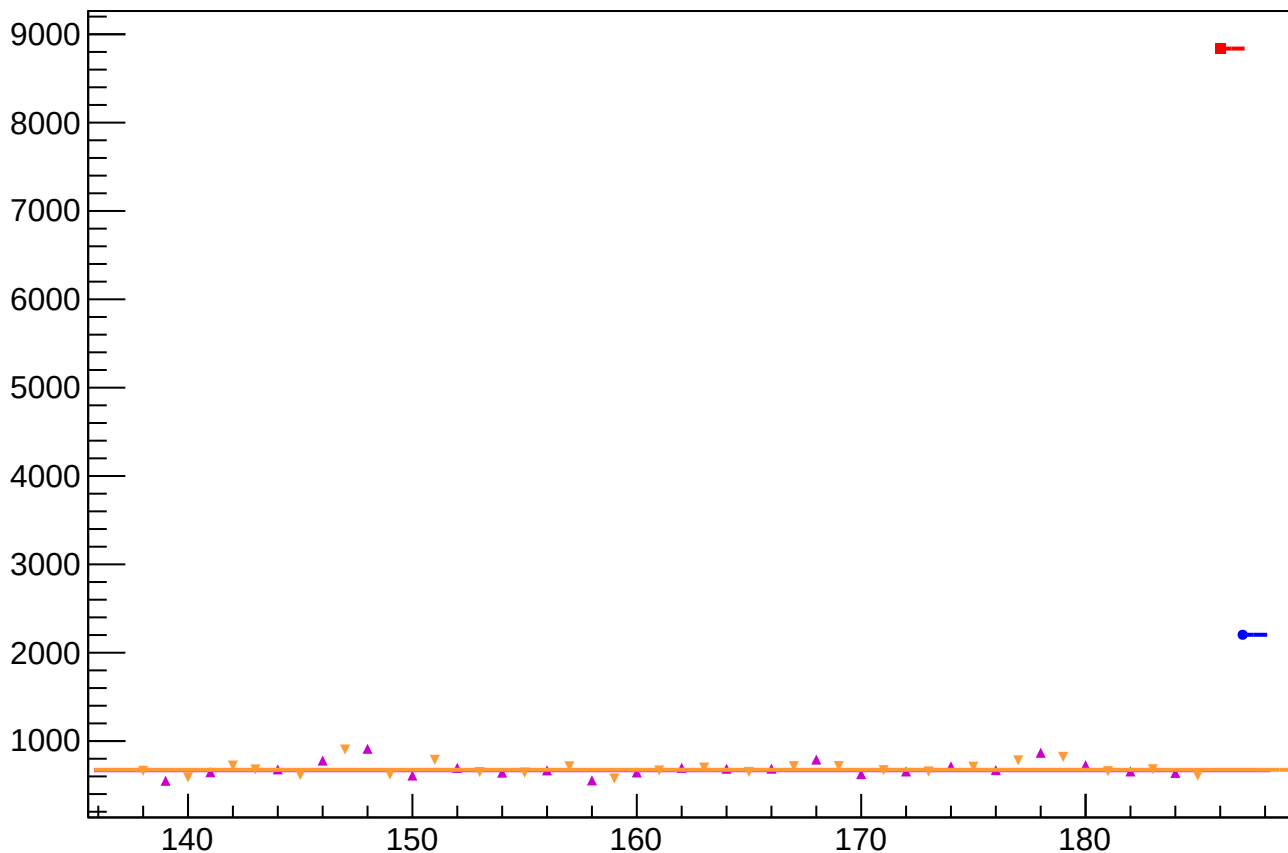
Left In: 140.039+/-161.024 χ^2/NDF : 36.9/22

+ sign 203.132+/-158.968 χ^2/NDF : 19.8/25

All: 170.586+/-113.124 χ^2/NDF : 59.3/49

- sign 137.196+/-161.014 χ^2/NDF : 39.4/23

asym_sam_15_dd_correction_rms vs Slug



Right In: 2203.147 $\pm$ 4.037 χ^2 /NDF: 0.0/0

Left Out: 675.335 $\pm$ 0.112 χ^2 /NDF: 358713.6/24

Right Out: 8838.020 $\pm$ 10.307 χ^2 /NDF: 0.0/0

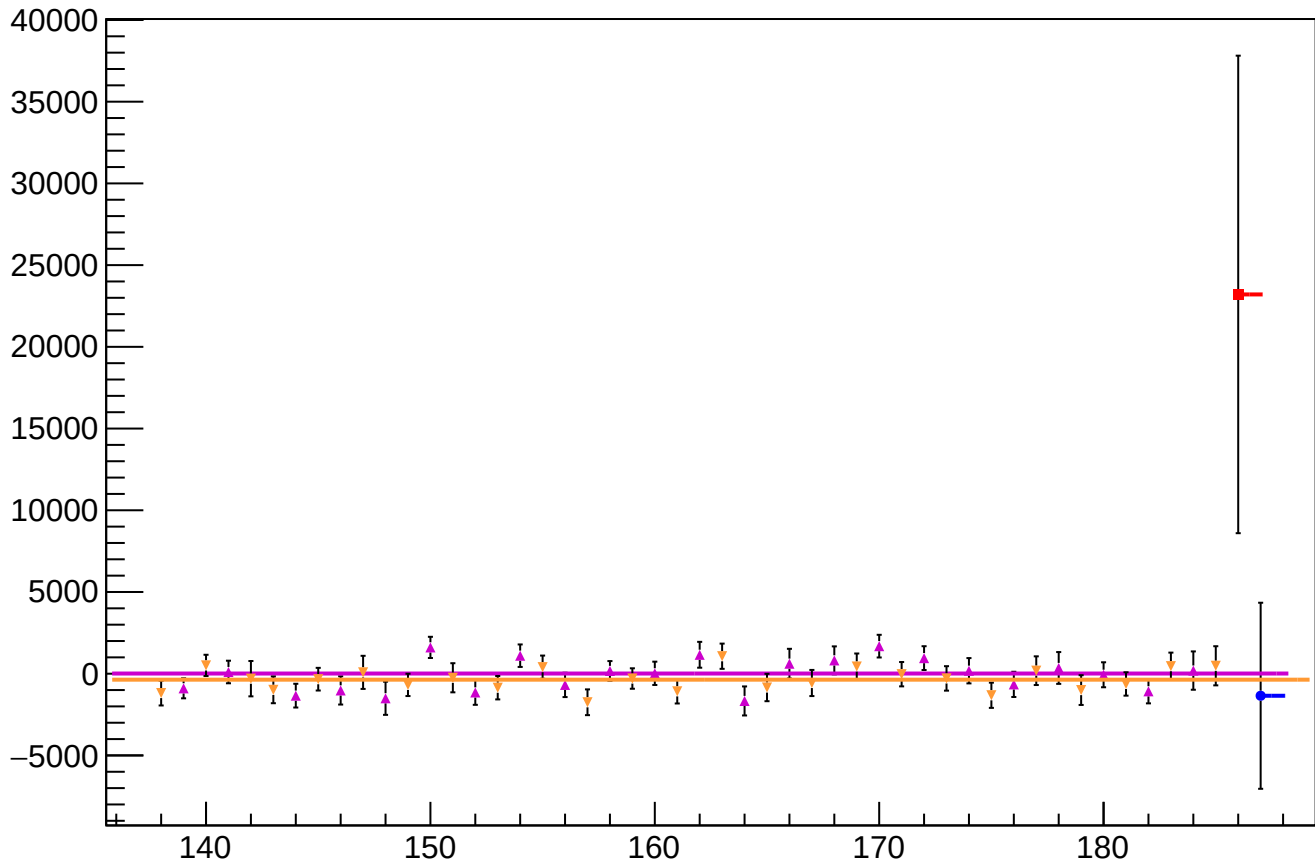
Left In: 669.938 $\pm$ 0.114 χ^2 /NDF: 464085.7/22

+ sign 676.519 $\pm$ 0.112 χ^2 /NDF: 501831.7/25

All: 673.762 $\pm$ 0.080 χ^2 /NDF: 1595100.3/49

- sign 670.934 $\pm$ 0.114 χ^2 /NDF: 1092050.2/23

asym_sam_15_dd_mean vs Slug



Right In: -1349.629 ± 5692.387 χ^2/NDF : 0.0/0

Left Out: -365.394 ± 156.301 χ^2/NDF : 18.7/24

Right Out: 23206.426 ± 14608.895 χ^2/NDF : 0.0/0

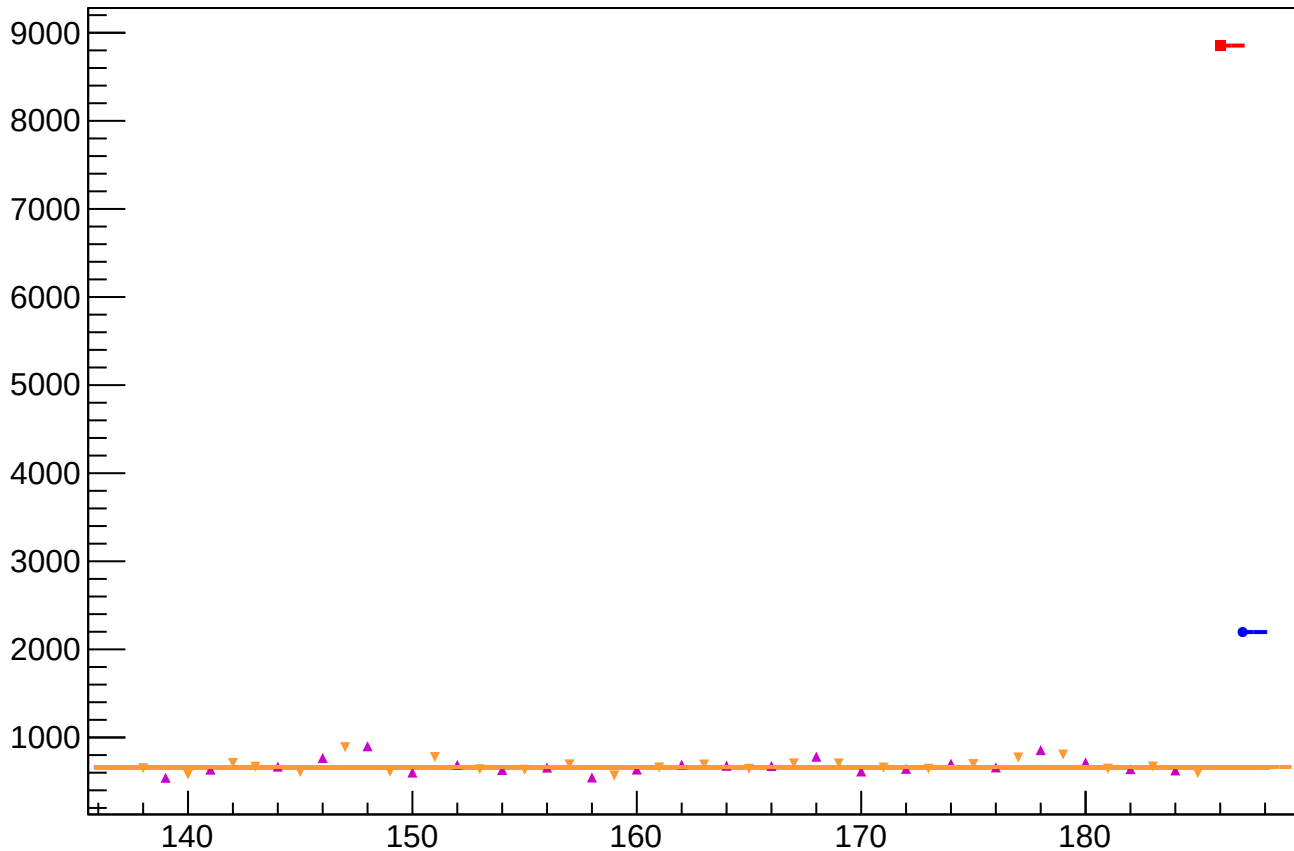
Left In: 11.243 ± 158.497 χ^2/NDF : 38.8/22

+ sign -366.135 ± 156.242 χ^2/NDF : 18.8/25

All: -178.793 ± 111.265 χ^2/NDF : 63.0/49

- sign 13.973 ± 158.488 χ^2/NDF : 41.3/23

asym_sam_15_dd_rms vs Slug



Right In: 2196.584 $\pm$ 4.025 χ^2 /NDF: 0.0/0

Left Out: 664.618 $\pm$ 0.111 χ^2 /NDF: 356964.3/24

Right Out: 8854.443 $\pm$ 10.330 χ^2 /NDF: 0.0/0

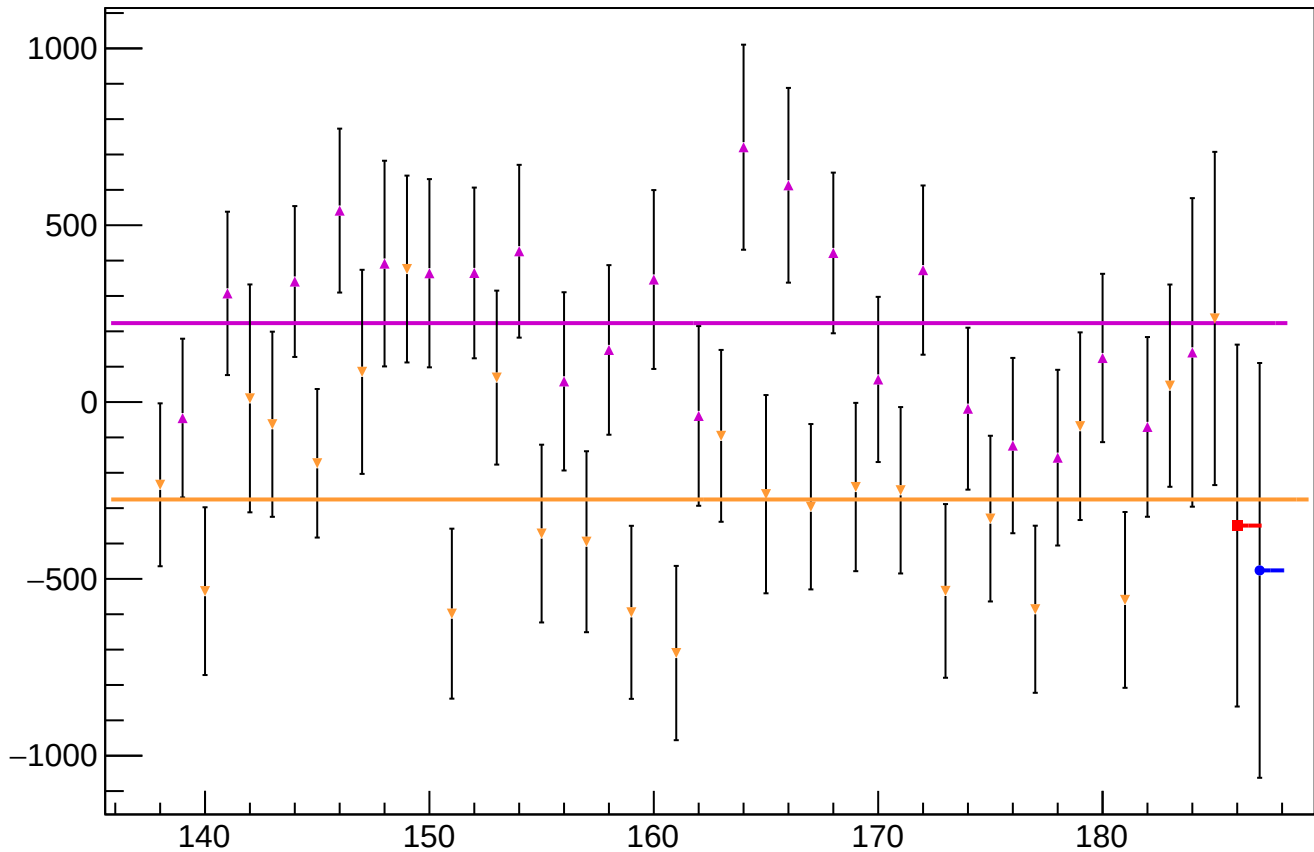
Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

+ sign 665.772 $\pm$ 0.110 χ^2 /NDF: 501712.2/25

All: 663.023 $\pm$ 0.079 χ^2 /NDF: 1605023.4/49

- sign 660.194 $\pm$ 0.112 χ^2 /NDF: 1102054.9/23

dit_asym_sam_26_dd_mean vs Slug



Right In: -476.011 $\pm$ 586.449 χ^2 /NDF: 0.0/0

Left Out: -275.447 $\pm$ 50.539 χ^2 /NDF:27.3/24

Right Out: -349.282 $\pm$ 511.678 χ^2 /NDF: 0.0/0

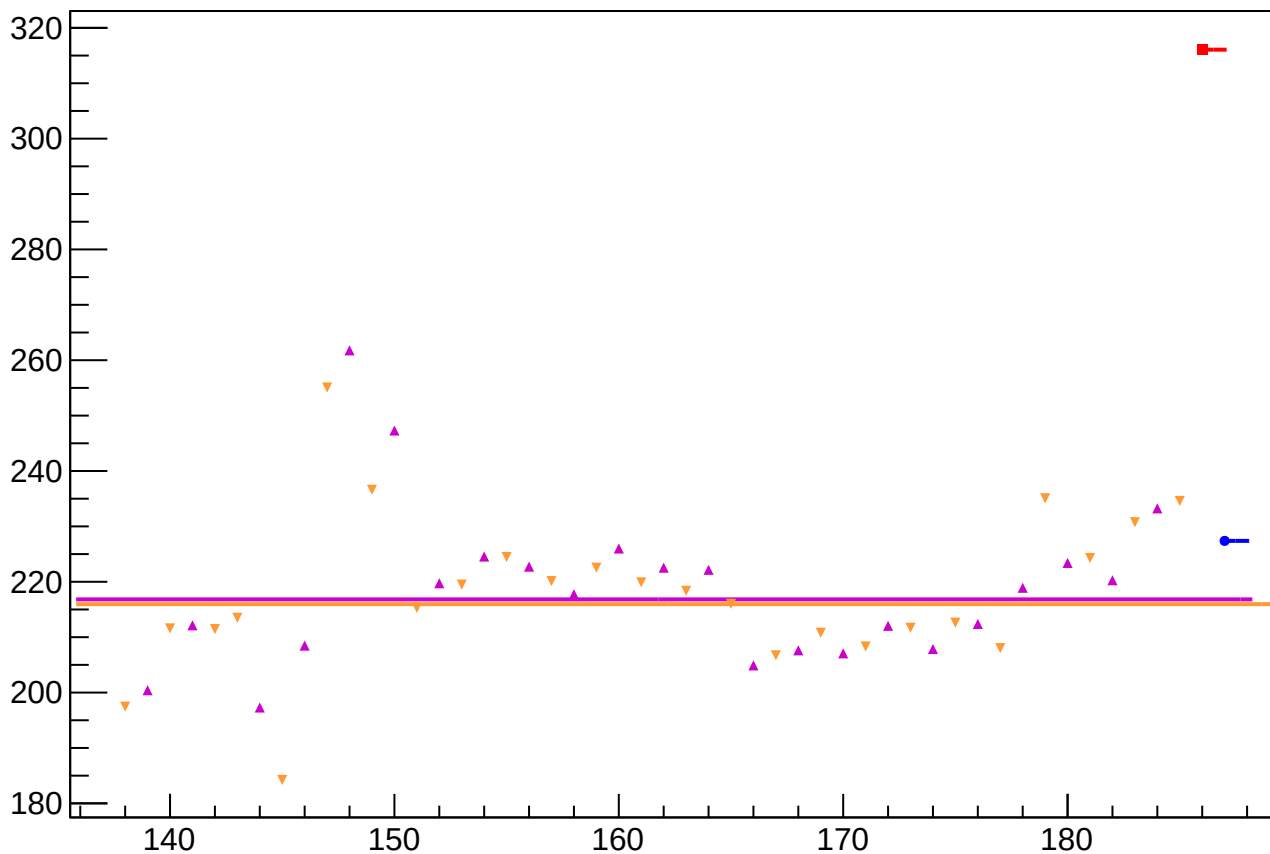
Left In: 223.195 $\pm$ 51.742 χ^2 /NDF:20.8/22

+ sign -276.925 $\pm$ 50.353 χ^2 /NDF: 27.5/25

All: -35.229 $\pm$ 35.996 χ^2 /NDF: 96.6/49

- sign 217.400 $\pm$ 51.479 χ^2 /NDF: 22.0/23

dit_asym_sam_26_dd_rms vs Slug



Right In: 227.383 $\pm$ 0.415 χ^2 /NDF: 0.0/0

Left Out: 215.963 $\pm$ 0.036 χ^2 /NDF:144735.1/24

Right Out: 316.062 $\pm$ 0.362 χ^2 /NDF: 0.0/0

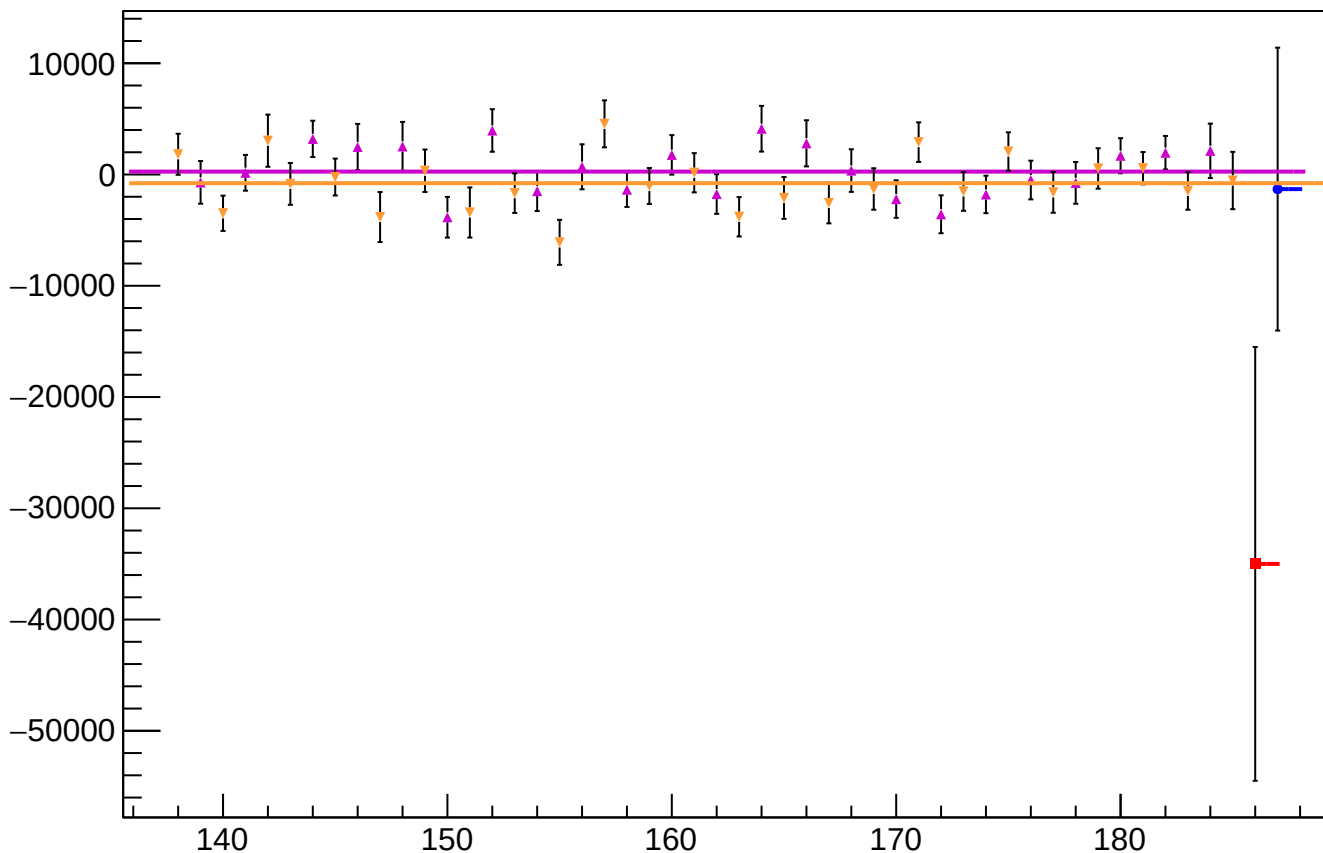
Left In: 216.821 $\pm$ 0.037 χ^2 /NDF:132518.8/22

+ sign 216.047 $\pm$ 0.036 χ^2 /NDF: 145488.0/25

All: 216.917 $\pm$ 0.025 χ^2 /NDF: 353699.5/49

- sign 217.826 $\pm$ 0.036 χ^2 /NDF: 206991.8/23

asym_sam_26_dd_correction_mean vs Slug



Right In: -1314.000 $\pm$ 12713.694 χ^2 /NDF: 0.0/0

Left Out: -779.146 $\pm$ 366.965 χ^2 /NDF:38.5/24

Right Out: -34998.912 $\pm$ 19494.191 χ^2 /NDF: 0.0/0

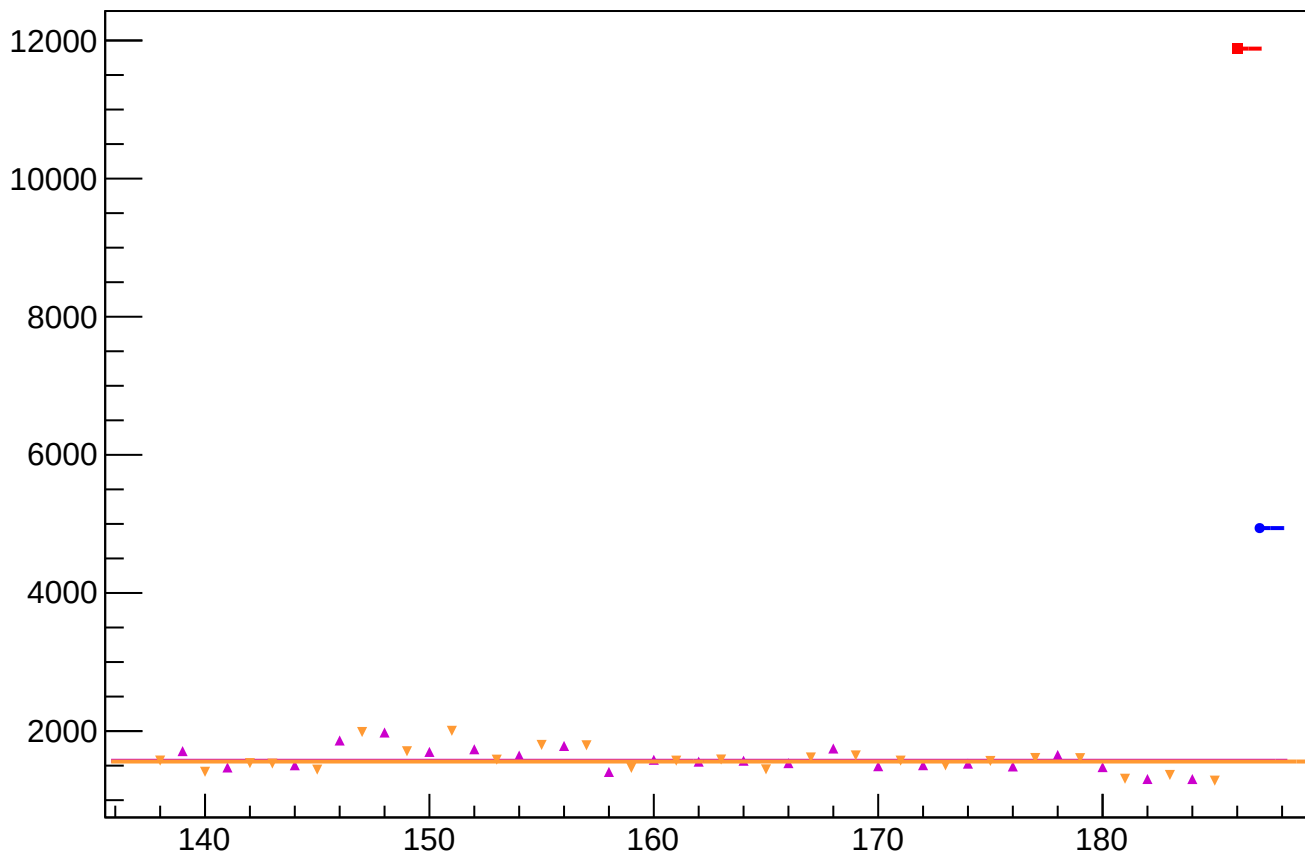
Left In: 261.815 $\pm$ 376.203 χ^2 /NDF:35.4/22

+ sign -779.591 $\pm$ 366.812 χ^2 /NDF: 38.5/25

All: -278.350 $\pm$ 262.609 χ^2 /NDF: 81.0/49

- sign 248.688 $\pm$ 376.133 χ^2 /NDF: 38.7/23

asym_sam_26_dd_correction_rms vs Slug



Right In: 4939.505 $\pm$ 8.990 χ^2 /NDF: 0.0/0

Left Out: 1559.504 $\pm$ 0.259 χ^2 /NDF: 379160.1/24

Right Out: 11882.091 $\pm$ 13.784 χ^2 /NDF: 0.0/0

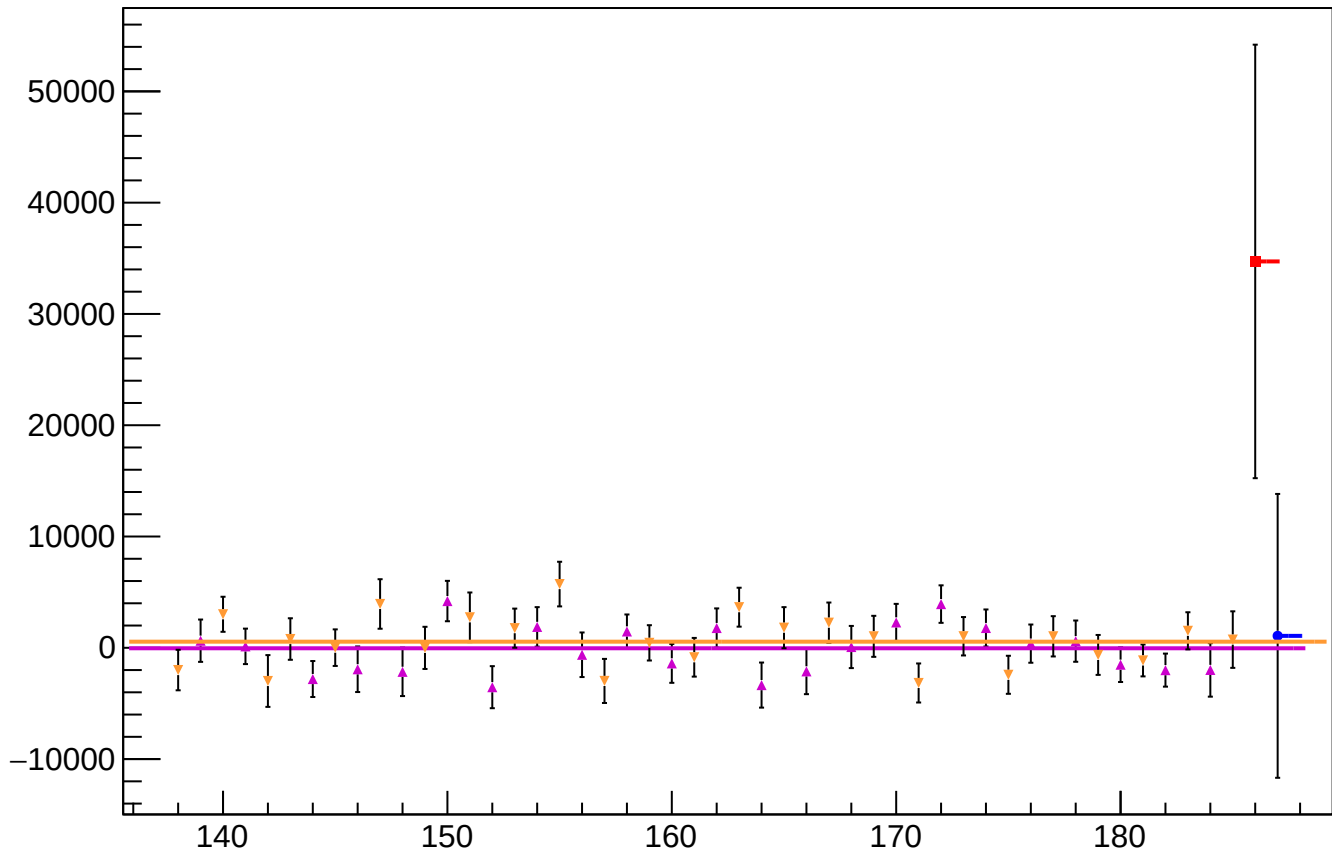
Left In: 1570.331 $\pm$ 0.266 χ^2 /NDF: 329434.5/22

+ sign 1562.318 $\pm$ 0.259 χ^2 /NDF: 520400.2/25

All: 1568.095 $\pm$ 0.186 χ^2 /NDF: 1410253.7/49

- sign 1574.169 $\pm$ 0.266 χ^2 /NDF: 888835.8/23

asym_sam_26_dd_mean vs Slug



Right In: 1071.971 $\pm$ 12754.068 χ^2 /NDF: 0.0/0

Left Out: 550.093 $\pm$ 362.172 χ^2 /NDF:35.6/24

Right Out: 34718.786 $\pm$ 19477.883 χ^2 /NDF: 0.0/0

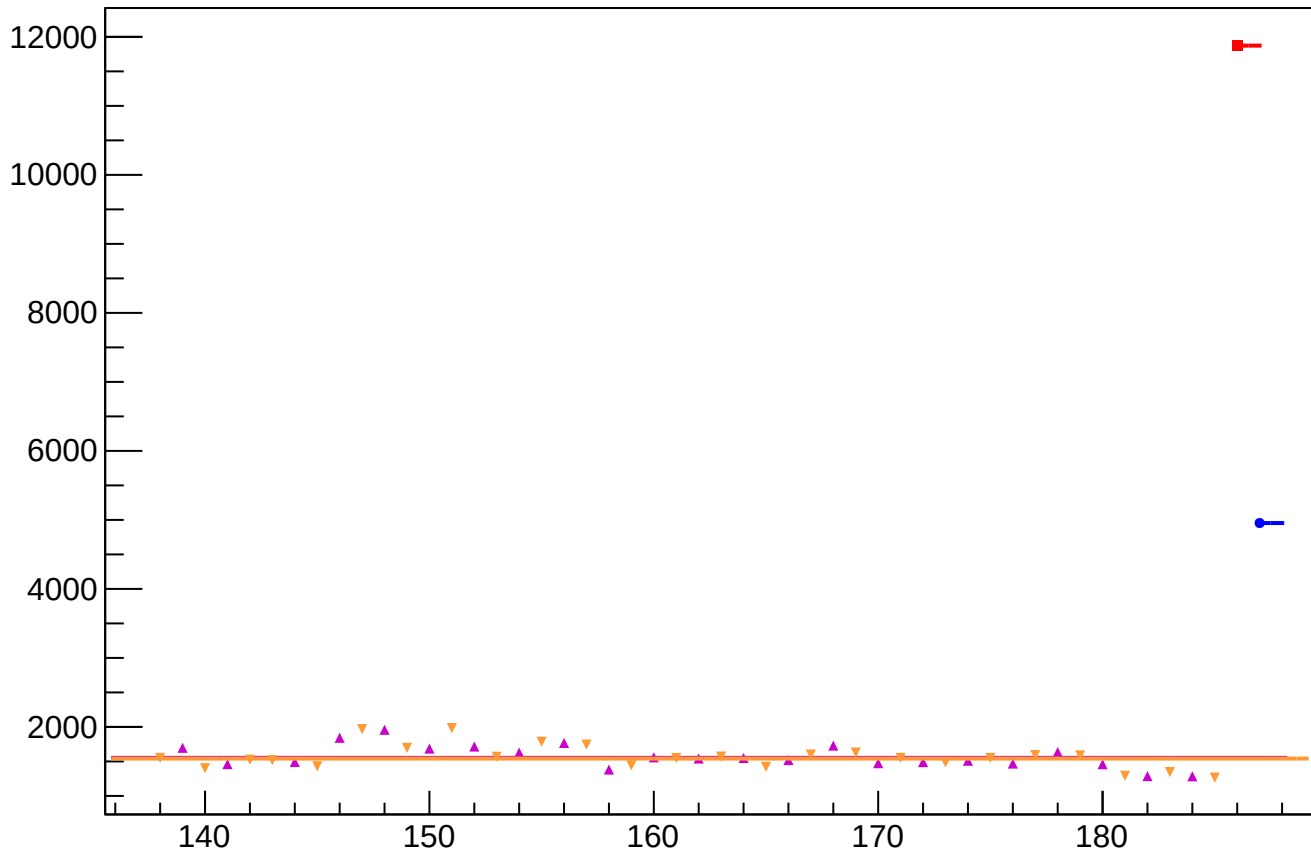
Left In: -43.949 $\pm$ 371.765 χ^2 /NDF:33.5/22

+ sign 550.514 $\pm$ 362.026 χ^2 /NDF: 35.6/25

All: 267.280 $\pm$ 259.343 χ^2 /NDF: 73.5/49

- sign -31.290 $\pm$ 371.698 χ^2 /NDF: 36.7/23

asym_sam_26_dd_rms vs Slug



Right In: 4954.641 $\pm$ 9.018 χ^2 /NDF: 0.0/0

Left Out: 1541.149 $\pm$ 0.256 χ^2 /NDF: 382077.8/24

Right Out: 11873.199 $\pm$ 13.773 χ^2 /NDF: 0.0/0

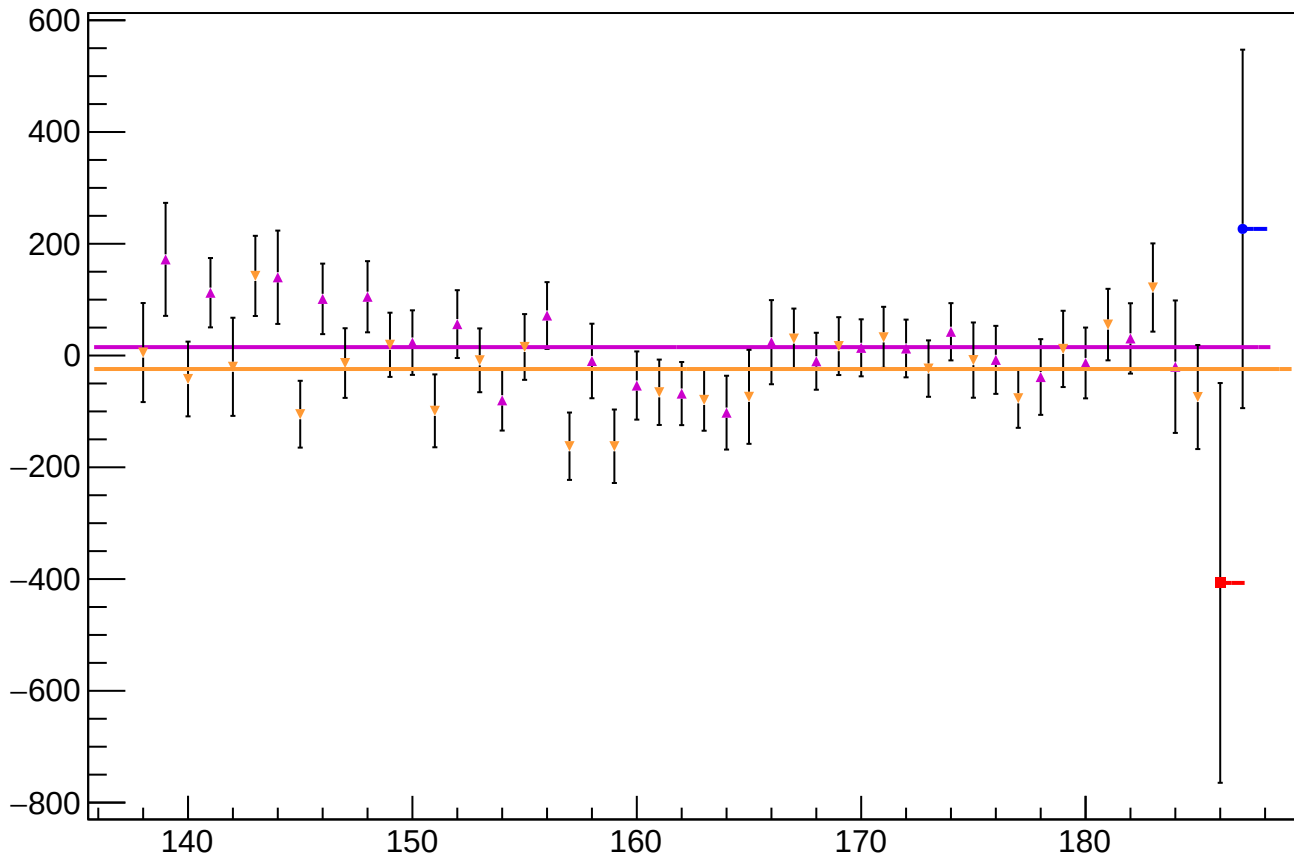
Left In: 1551.481 $\pm$ 0.263 χ^2 /NDF: 339002.9/22

+ sign 1543.899 $\pm$ 0.256 χ^2 /NDF: 525224.2/25

All: 1549.420 $\pm$ 0.183 χ^2 /NDF: 1426608.2/49

- sign 1555.240 $\pm$ 0.263 χ^2 /NDF: 900428.6/23

dit_asym_sam_37_dd_mean vs Slug



Right In: 226.608 ± 320.736 χ^2/NDF : 0.0/0

Left Out: -24.126 ± 12.525 χ^2/NDF : 30.7/24

Right Out: -406.898 ± 357.691 χ^2/NDF : 0.0/0

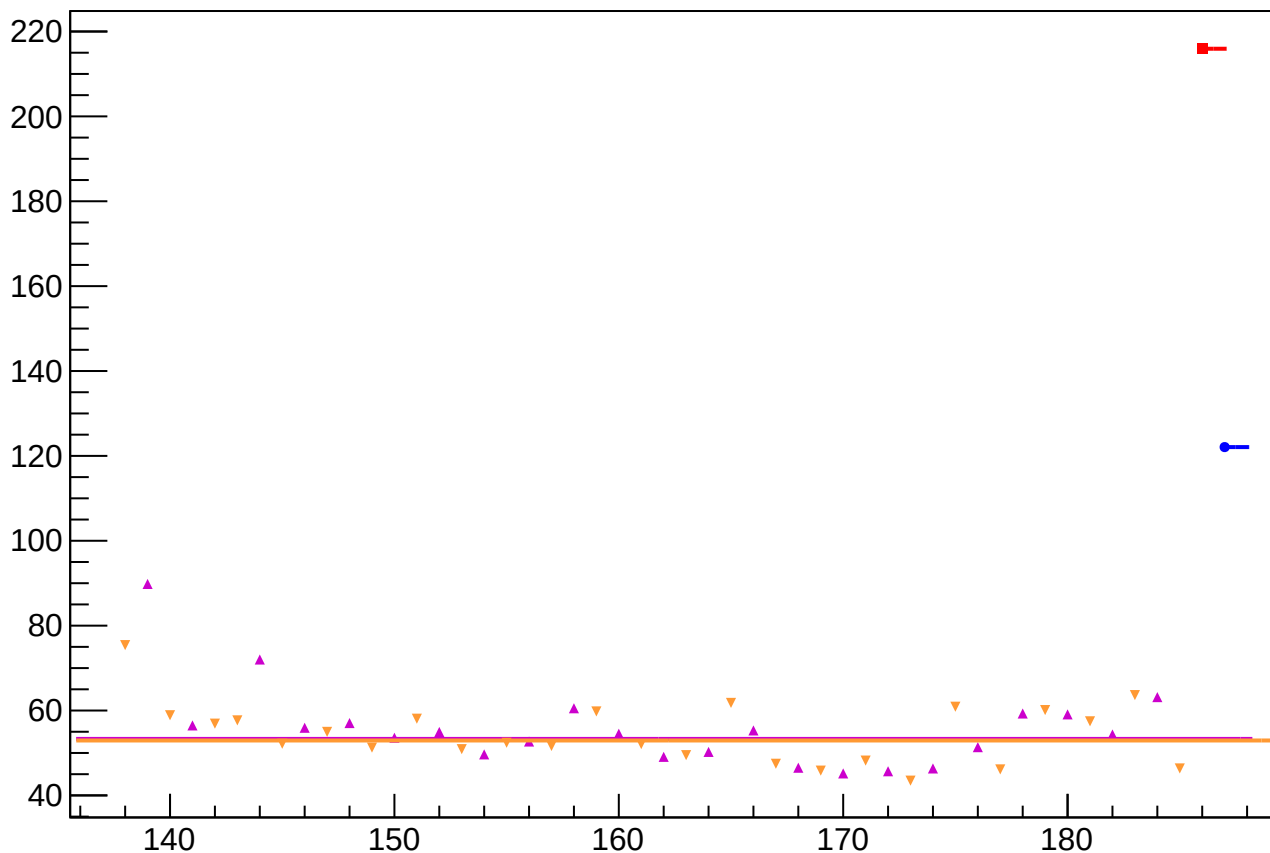
Left In: 15.058 ± 12.921 χ^2/NDF : 23.8/22

+ sign -23.744 ± 12.515 χ^2/NDF : 31.3/25

All: -5.216 ± 8.987 χ^2/NDF : 61.0/49

- sign 14.508 ± 12.913 χ^2/NDF : 25.2/23

dit_asym_sam_37_dd_rms vs Slug



Right In: 122.074 $\pm$ 0.227 χ^2 /NDF: 0.0/0

Left Out: 52.942 $\pm$ 0.009 χ^2 /NDF: 513146.0/24

Right Out: 215.937 $\pm$ 0.253 χ^2 /NDF: 0.0/0

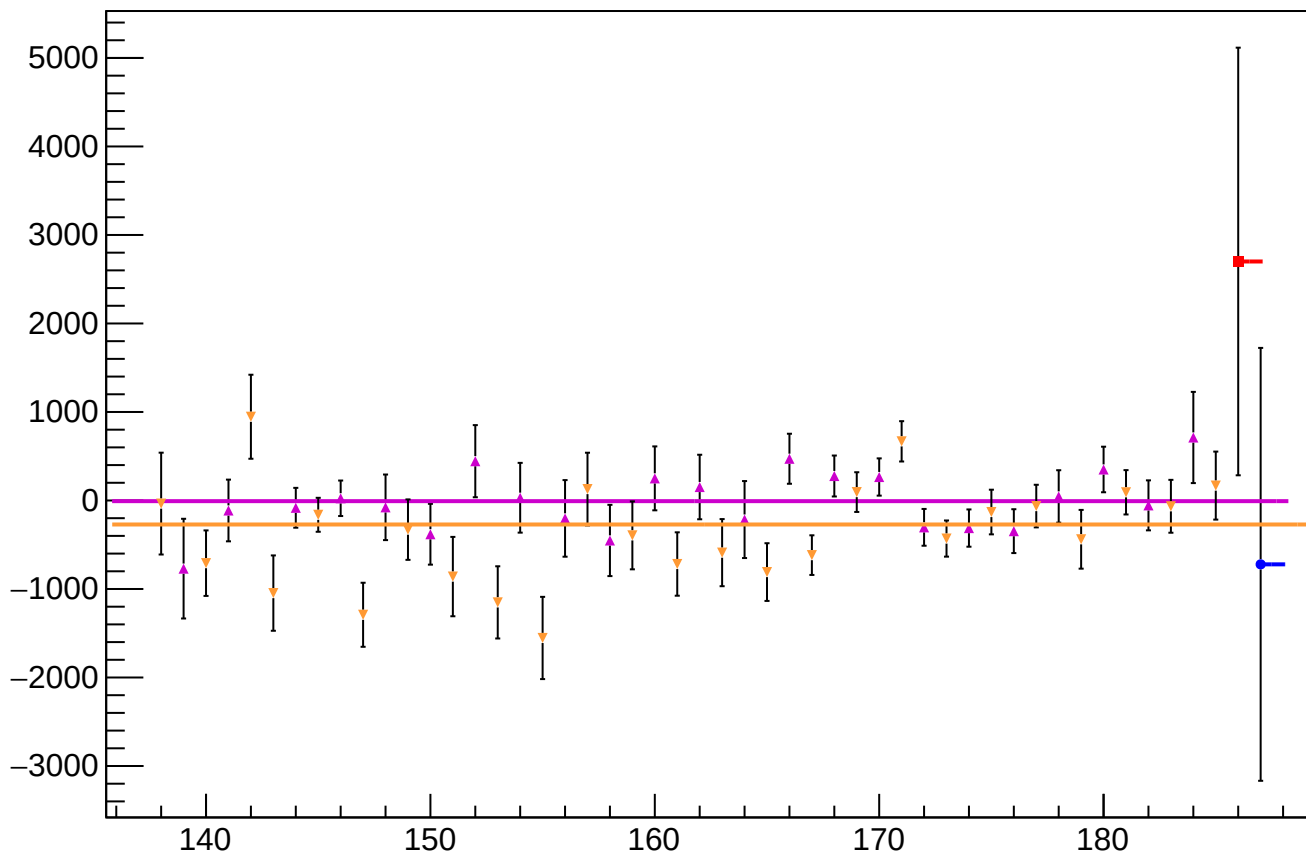
Left In: 53.312 $\pm$ 0.009 χ^2 /NDF: 644220.1/22

+ sign 53.047 $\pm$ 0.009 χ^2 /NDF: 605921.4/25

All: 53.278 $\pm$ 0.006 χ^2 /NDF: 1664422.9/49

- sign 53.524 $\pm$ 0.009 χ^2 /NDF: 1057096.5/23

asym_sam_37_dd_correction_mean vs Slug



Right In: -721.606 $\pm$ 2445.605 χ^2 /NDF: 0.0/0

Left Out: -271.240 $\pm$ 60.285 χ^2 /NDF: 67.7/24

Right Out: 2700.386 $\pm$ 2415.822 χ^2 /NDF: 0.0/0

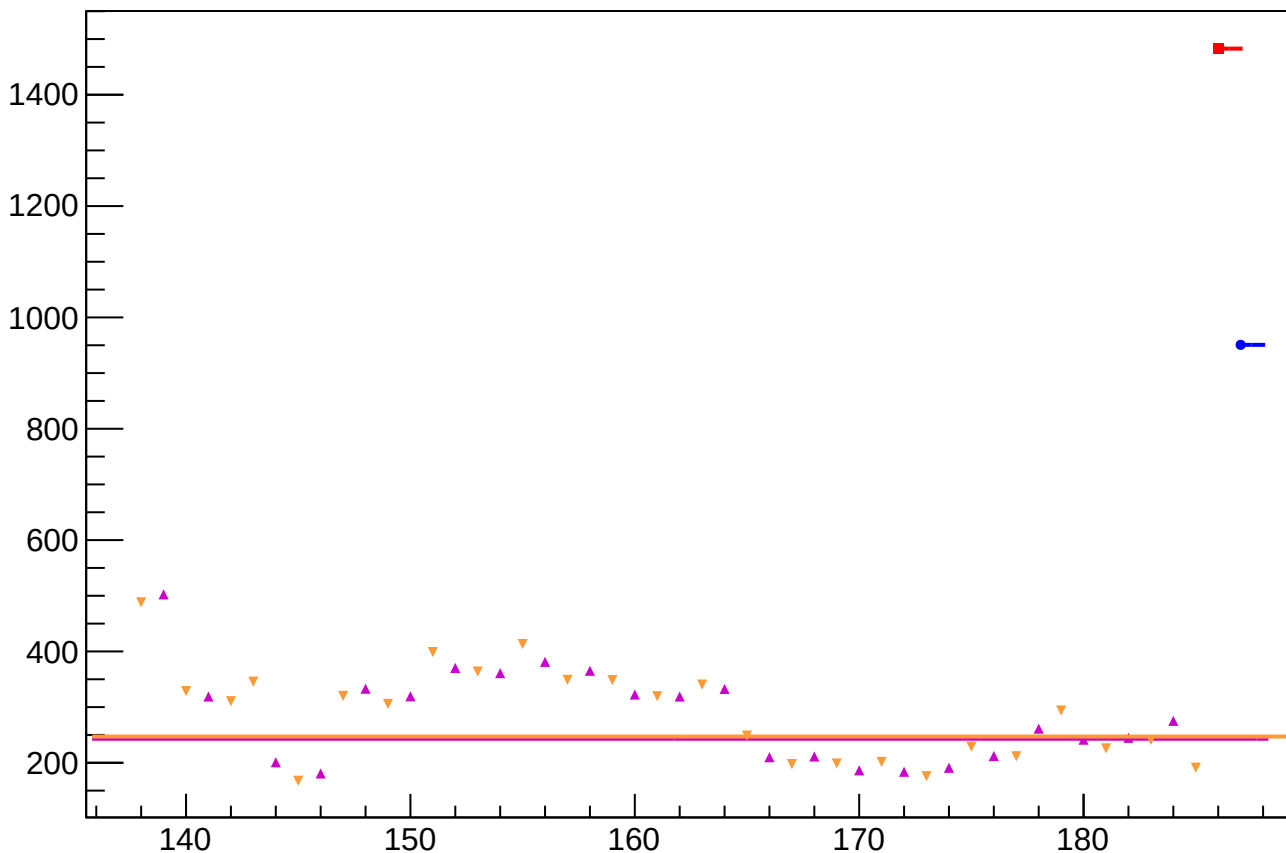
Left In: -7.535 $\pm$ 60.328 χ^2 /NDF: 22.9/22

+ sign -271.514 $\pm$ 60.266 χ^2 /NDF: 67.7/25

All: -138.774 $\pm$ 42.630 χ^2 /NDF: 101.5/49

- sign -5.847 $\pm$ 60.309 χ^2 /NDF: 24.1/23

asym_sam_37_dd_correction_rms vs Slug



Right In: 950.726+/-1.729 χ^2/NDF : 0.0/0

Left Out: 247.166+/-0.043 χ^2/NDF : 2853302.0/24

Right Out: 1482.845+/-1.708 χ^2/NDF : 0.0/0

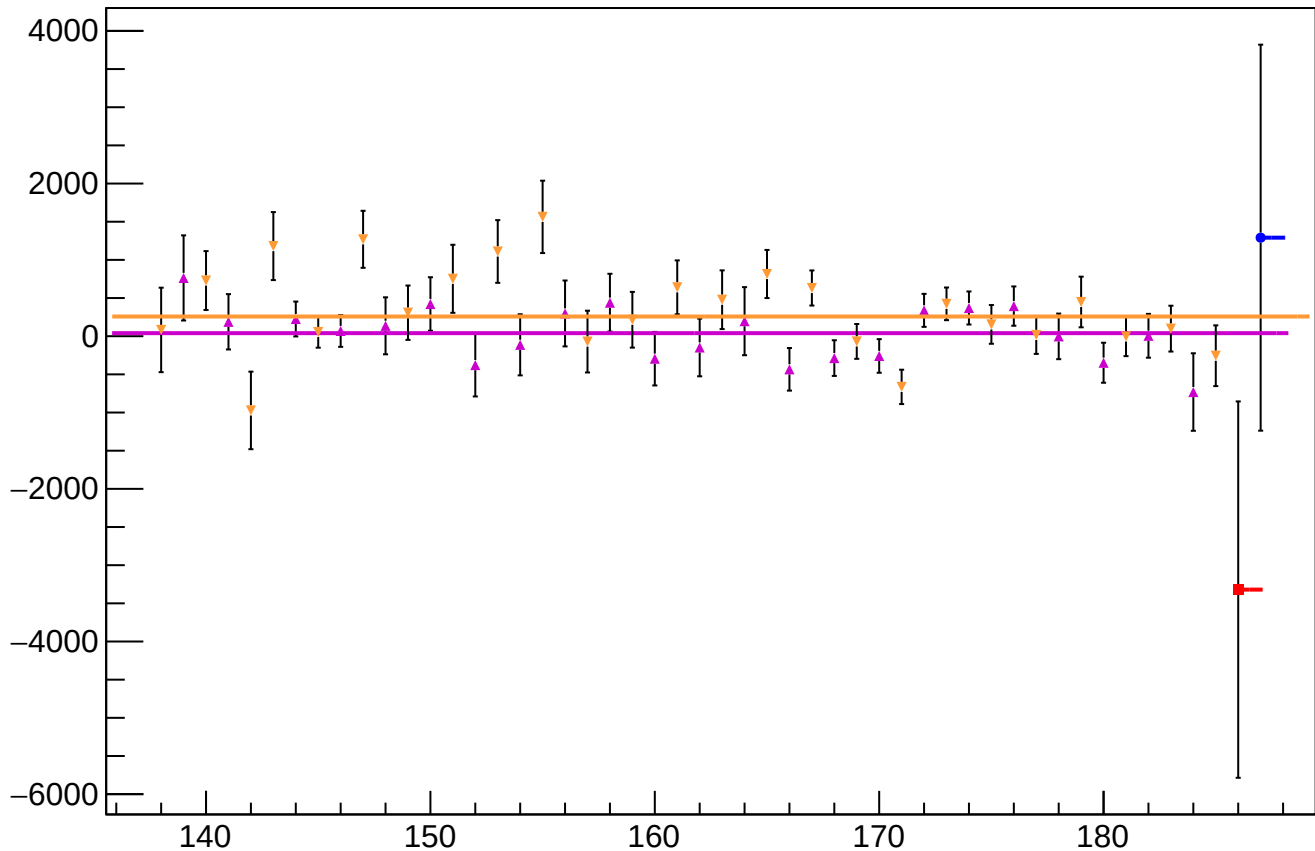
Left In: 243.189+/-0.043 χ^2/NDF : 2571190.8/22

+ sign 247.593+/-0.043 χ^2/NDF : 3018725.0/25

All: 245.778+/-0.030 χ^2/NDF : 6119842.5/49

- sign 243.961+/-0.043 χ^2/NDF : 3097488.9/23

asym_sam_37_dd_mean vs Slug



Right In: 1290.959 $\pm$ 2528.638 χ^2 /NDF: 0.0/0

Left Out: 258.044 $\pm$ 61.488 χ^2 /NDF: 65.0/24

Right Out: -3320.099 $\pm$ 2465.561 χ^2 /NDF: 0.0/0

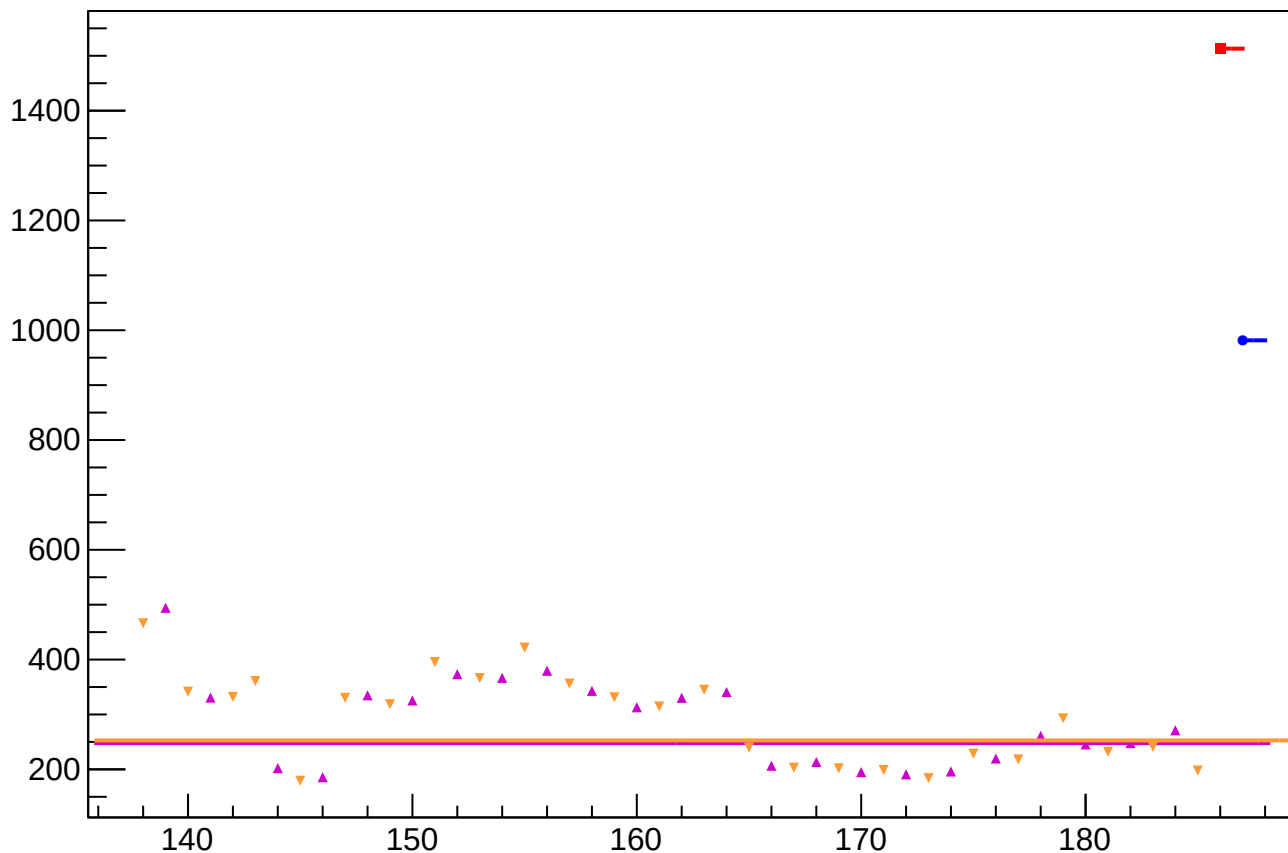
Left In: 40.015 $\pm$ 61.495 χ^2 /NDF: 25.0/22

+ sign 258.654 $\pm$ 61.469 χ^2 /NDF: 65.2/25

All: 148.302 $\pm$ 43.468 χ^2 /NDF: 98.5/49

- sign 37.926 $\pm$ 61.476 χ^2 /NDF: 26.9/23

asym_sam_37_dd_rms vs Slug



Right In: 981.598 $\pm$ 1.788 χ^2 /NDF: 0.0/0

Left Out: 252.721 $\pm$ 0.043 χ^2 /NDF:2648800.3/24

Right Out: 1513.047 $\pm$ 1.743 χ^2 /NDF: 0.0/0

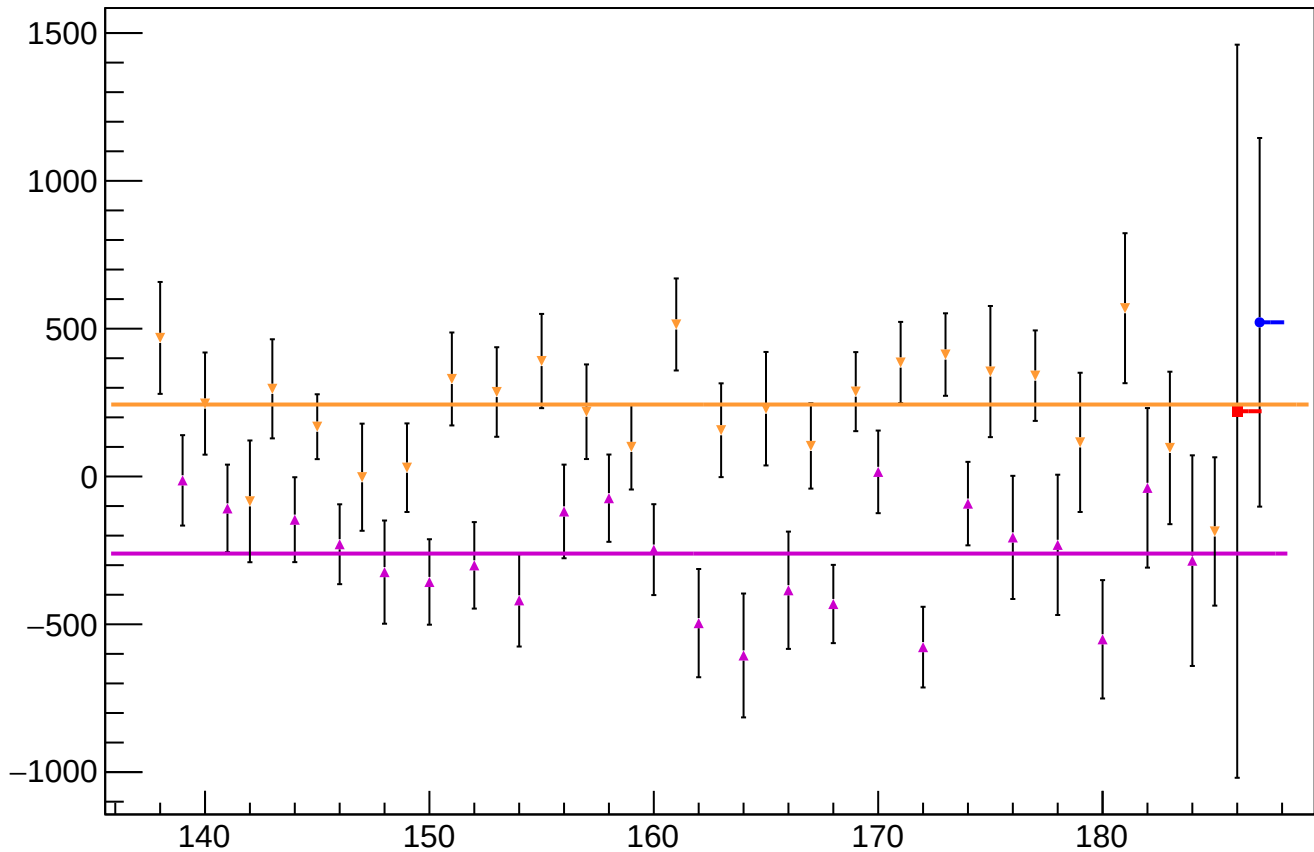
Left In: 247.919 $\pm$ 0.043 χ^2 /NDF:2374698.8/22

+ sign 253.151 $\pm$ 0.043 χ^2 /NDF: 2814877.0/25

All: 250.929 $\pm$ 0.031 χ^2 /NDF: 5721064.2/49

- sign 248.705 $\pm$ 0.043 χ^2 /NDF: 2900955.6/23

dit_asym_sam_48_dd_mean vs Slug



Right In: 521.513 $\pm$ 623.512 χ^2 /NDF: 0.0/0

Left Out: 243.442 $\pm$ 32.738 χ^2 /NDF:23.4/24

Right Out: 220.725 $\pm$ 1239.941 χ^2 /NDF: 0.0/0

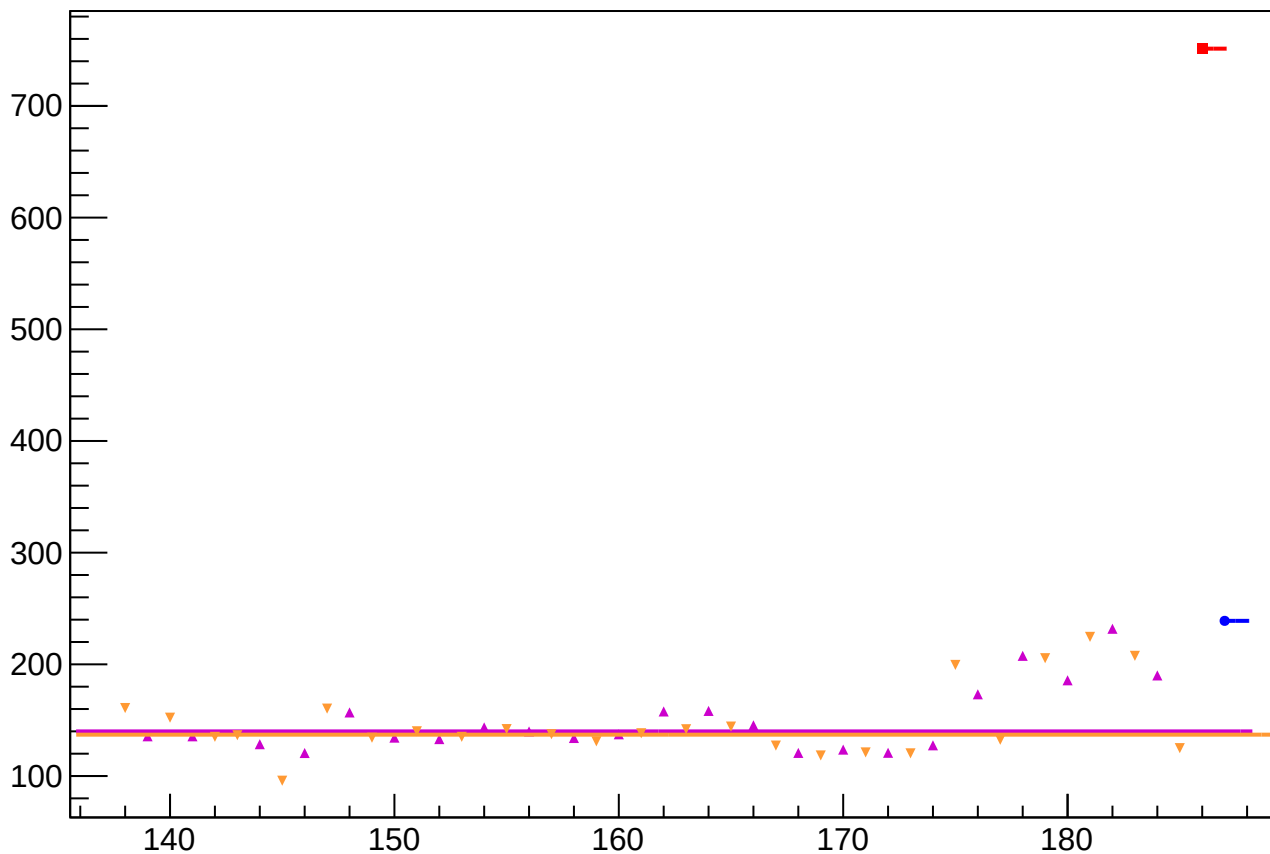
Left In: -260.749 $\pm$ 33.988 χ^2 /NDF:28.5/22

+ sign 244.207 $\pm$ 32.693 χ^2 /NDF: 23.6/25

All: 1.609 $\pm$ 23.558 χ^2 /NDF: 166.8/49

- sign -260.388 $\pm$ 33.975 χ^2 /NDF: 28.6/23

dit_asym_sam_48_dd_rms vs Slug



Right In: 238.938 $\pm$ 0.441 χ^2 /NDF: 0.0/0

Left Out: 137.036 $\pm$ 0.023 χ^2 /NDF:1200381.2/24

Right Out: 751.280 $\pm$ 0.877 χ^2 /NDF: 0.0/0

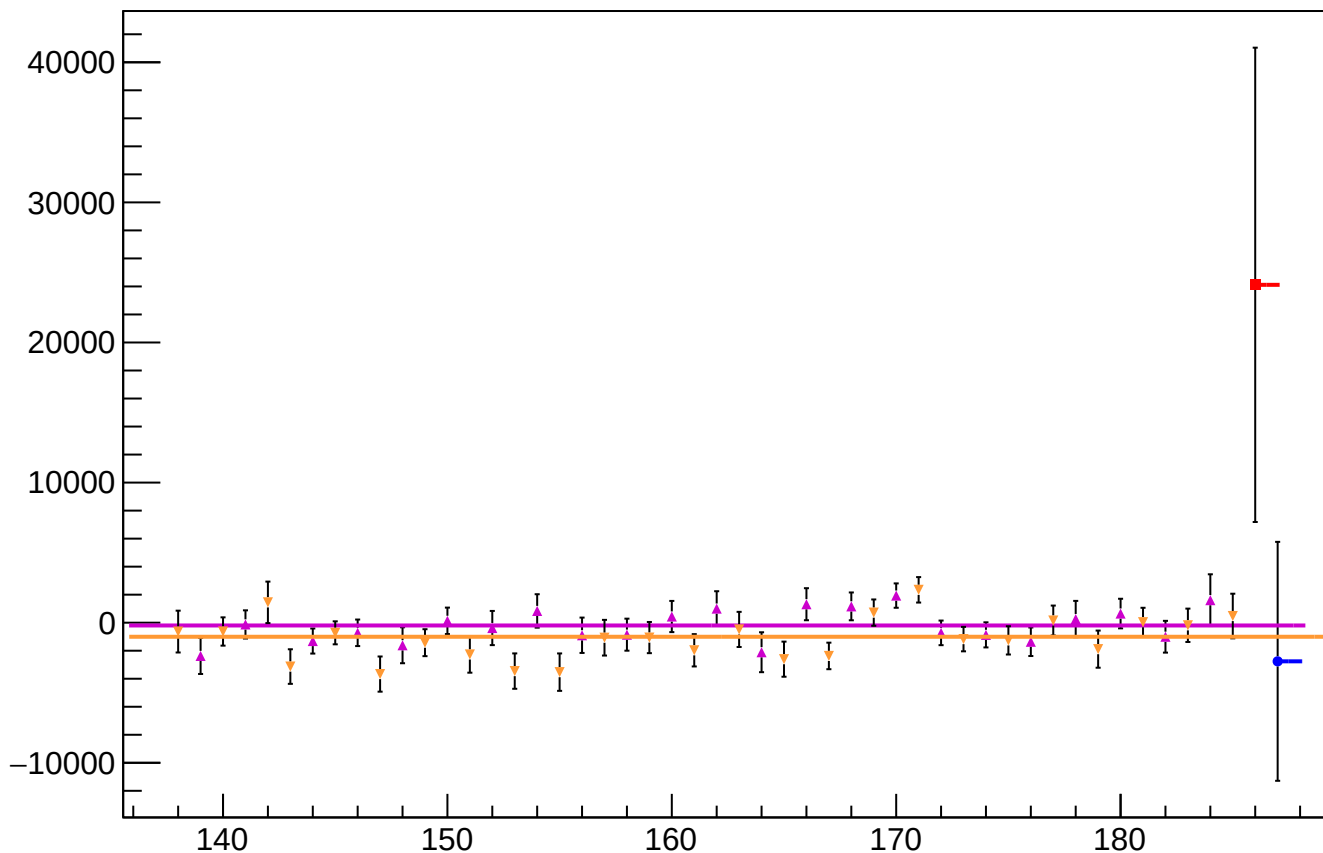
Left In: 139.966 $\pm$ 0.024 χ^2 /NDF:838127.9/22

+ sign 137.316 $\pm$ 0.023 χ^2 /NDF: 1253654.9/25

All: 138.811 $\pm$ 0.017 χ^2 /NDF: 2586248.6/49

- sign 140.425 $\pm$ 0.024 χ^2 /NDF: 1323897.7/23

asym_sam_48_dd_correction_mean vs Slug



Right In: -2757.834 ± 8527.436 χ^2/NDF : 0.0/0

Left Out: -1004.364 ± 222.387 χ^2/NDF : 44.7/24

Right Out: 24115.183 ± 16927.877 χ^2/NDF : 0.0/0

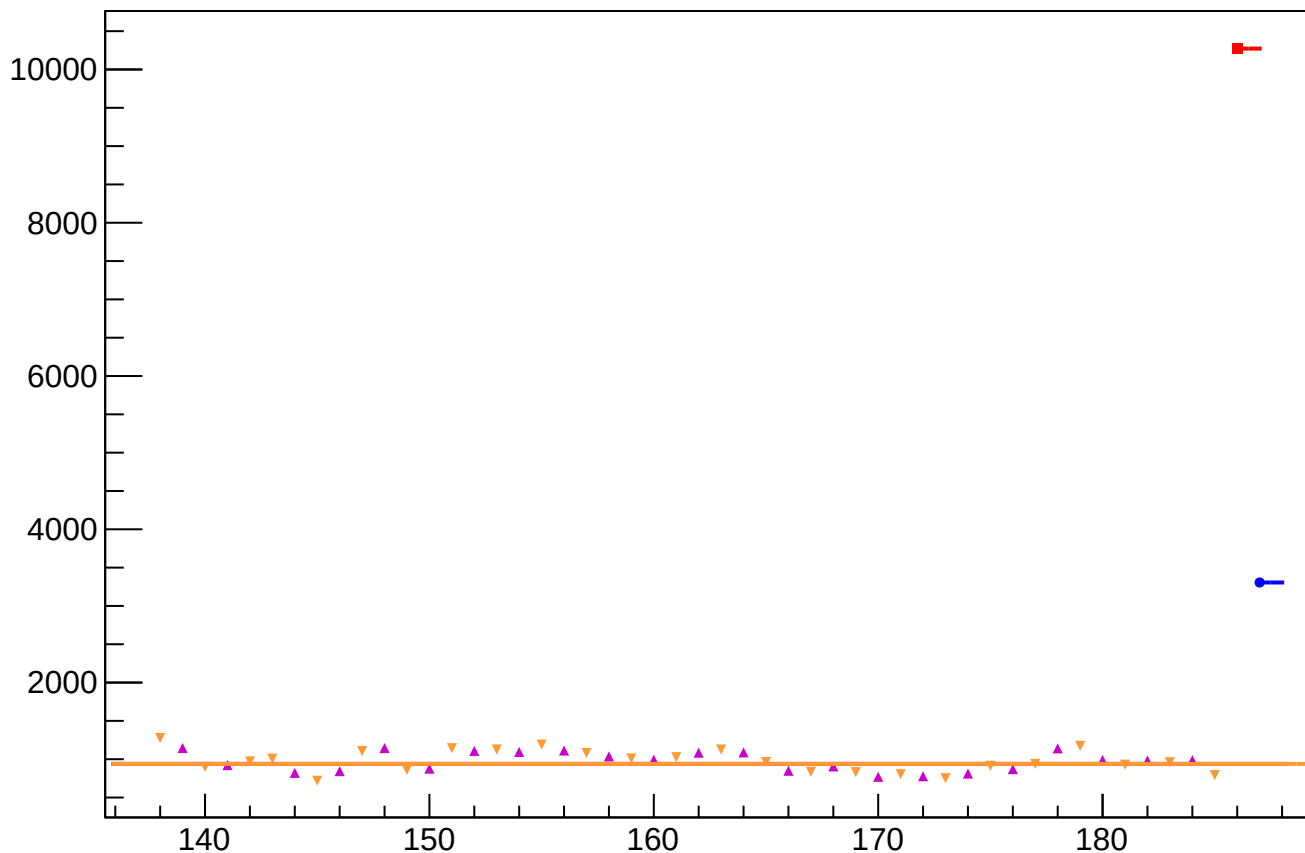
Left In: -198.654 ± 225.997 χ^2/NDF : 24.6/22

+ sign -1005.556 ± 222.312 χ^2/NDF : 44.7/25

All: -606.572 ± 158.478 χ^2/NDF : 78.0/49

- sign -194.321 ± 225.977 χ^2/NDF : 26.7/23

asym_sam_48_dd_correction_rms vs Slug



Right In: 3305.812 $\pm$ 6.030 χ^2 /NDF: 0.0/0

Left Out: 938.988 $\pm$ 0.157 χ^2 /NDF: 828400.0/24

Right Out: 10272.667 $\pm$ 11.970 χ^2 /NDF: 0.0/0

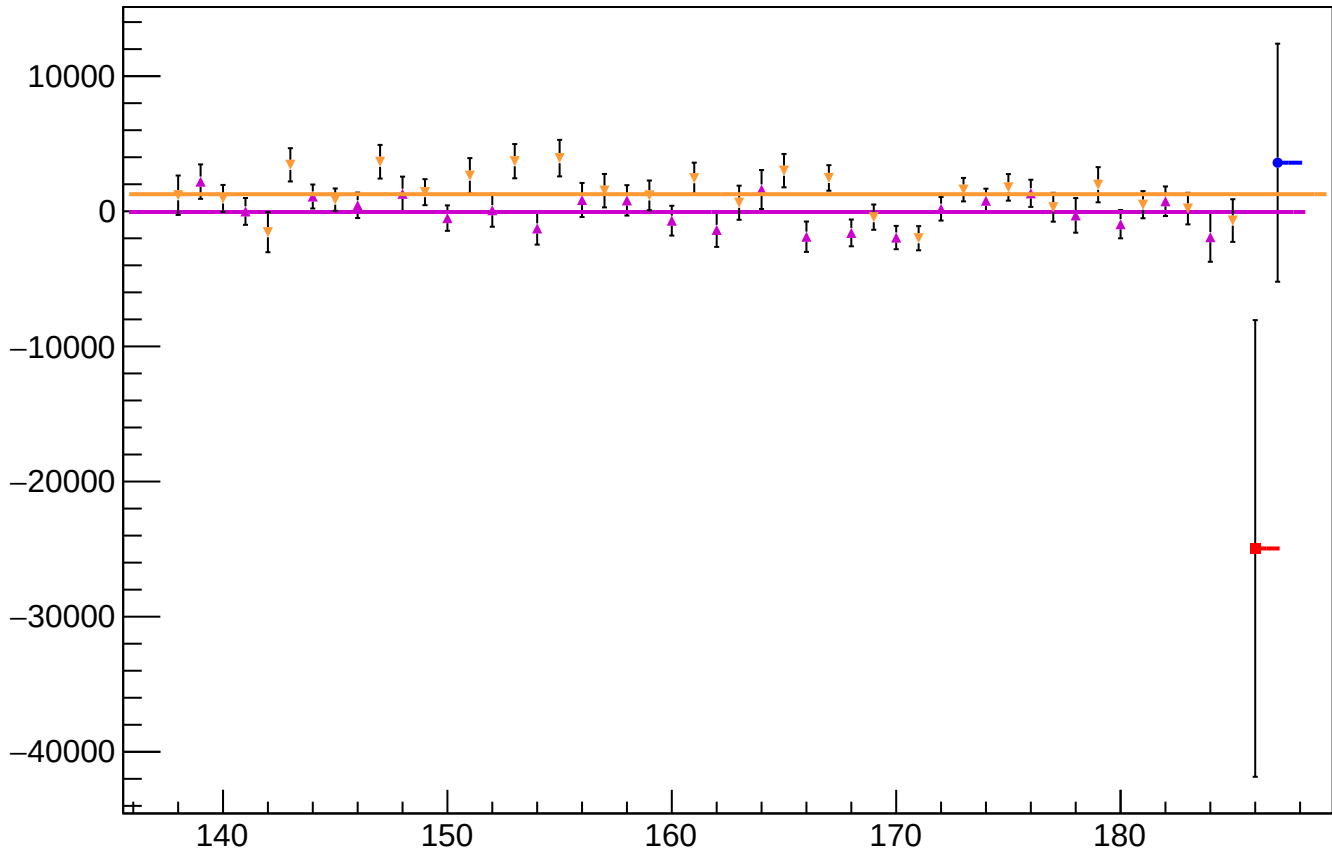
Left In: 938.755 $\pm$ 0.160 χ^2 /NDF: 611419.0/22

+ sign 940.597 $\pm$ 0.157 χ^2 /NDF: 982367.6/25

All: 940.509 $\pm$ 0.112 χ^2 /NDF: 2201747.3/49

- sign 940.418 $\pm$ 0.160 χ^2 /NDF: 1219379.0/23

asym_sam_48_dd_mean vs Slug



Right In: 3594.886+/-8808.527 χ^2/NDF : 0.0/0

Left Out: 1264.940+/-220.626 χ^2/NDF :45.5/24

Right Out: -24951.236+/-16897.834 χ^2/NDF : 0.0/0

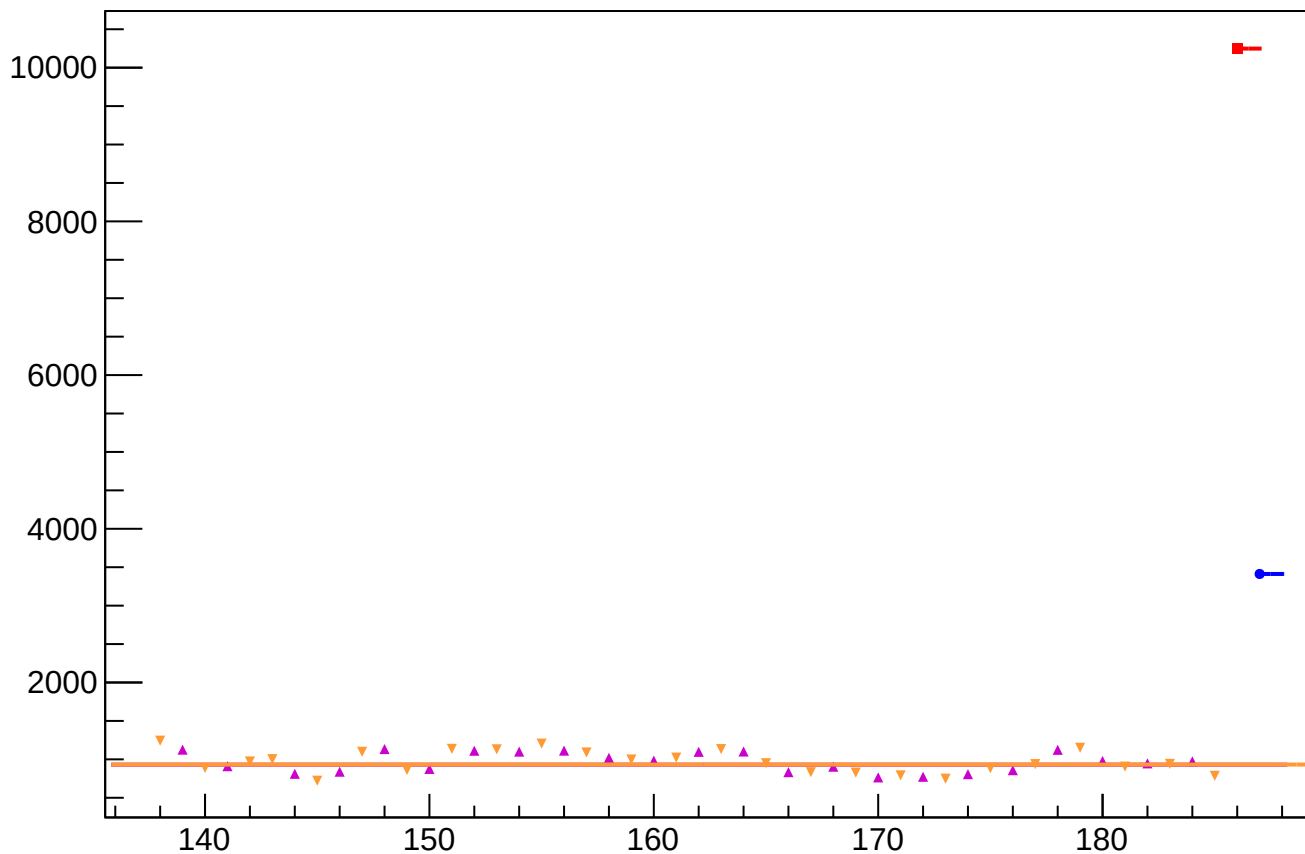
Left In: -53.940+/-224.371 χ^2/NDF :26.4/22

+ sign 1266.400+/-220.557 χ^2/NDF : 45.6/25

All: 615.333+/-157.281 χ^2/NDF : 91.9/49

- sign -58.328+/-224.351 χ^2/NDF : 28.6/23

asym_sam_48_dd_rms vs Slug



Right In: 3412.225+/-6.229 χ^2/NDF : 0.0/0

Left Out: 932.170+/-0.156 χ^2/NDF :828733.8/24

Right Out: 10248.277+/-11.949 χ^2/NDF : 0.0/0

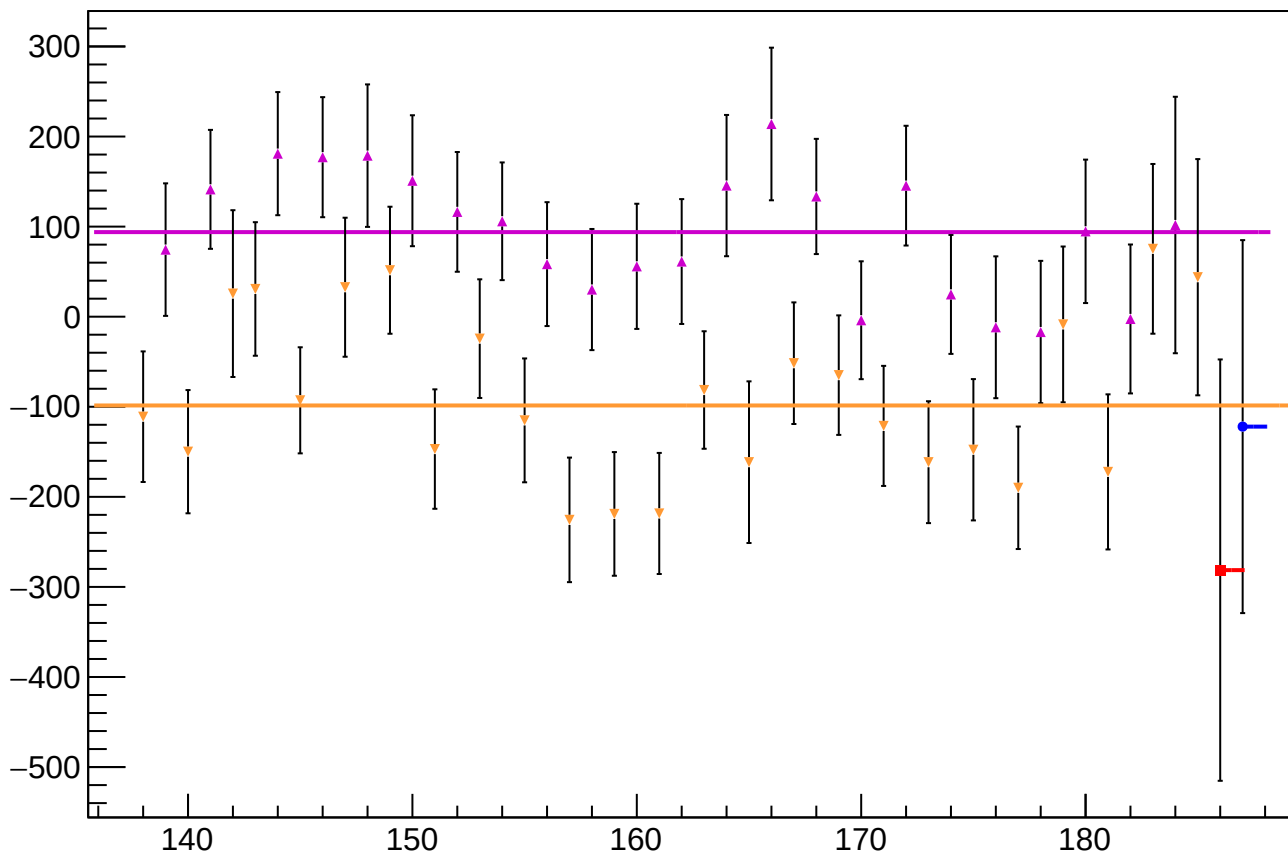
Left In: 930.854+/-0.159 χ^2/NDF :621985.5/22

+ sign 933.725+/-0.156 χ^2 /NDF: 987177.0/25

All: 933.121+/-0.111 χ^2/NDF : 2217164.1/49

- sign 932.496+/-0.159 χ^2/NDF : 1229956.6/23

dit_asym_sam_13_57_dd_mean vs Slug



Right In: -122.041 ± 207.032 χ^2/NDF : 0.0/0

Left Out: -98.557 ± 14.525 χ^2/NDF : 35.2/24

Right Out: -281.353 ± 233.888 χ^2/NDF : 0.0/0

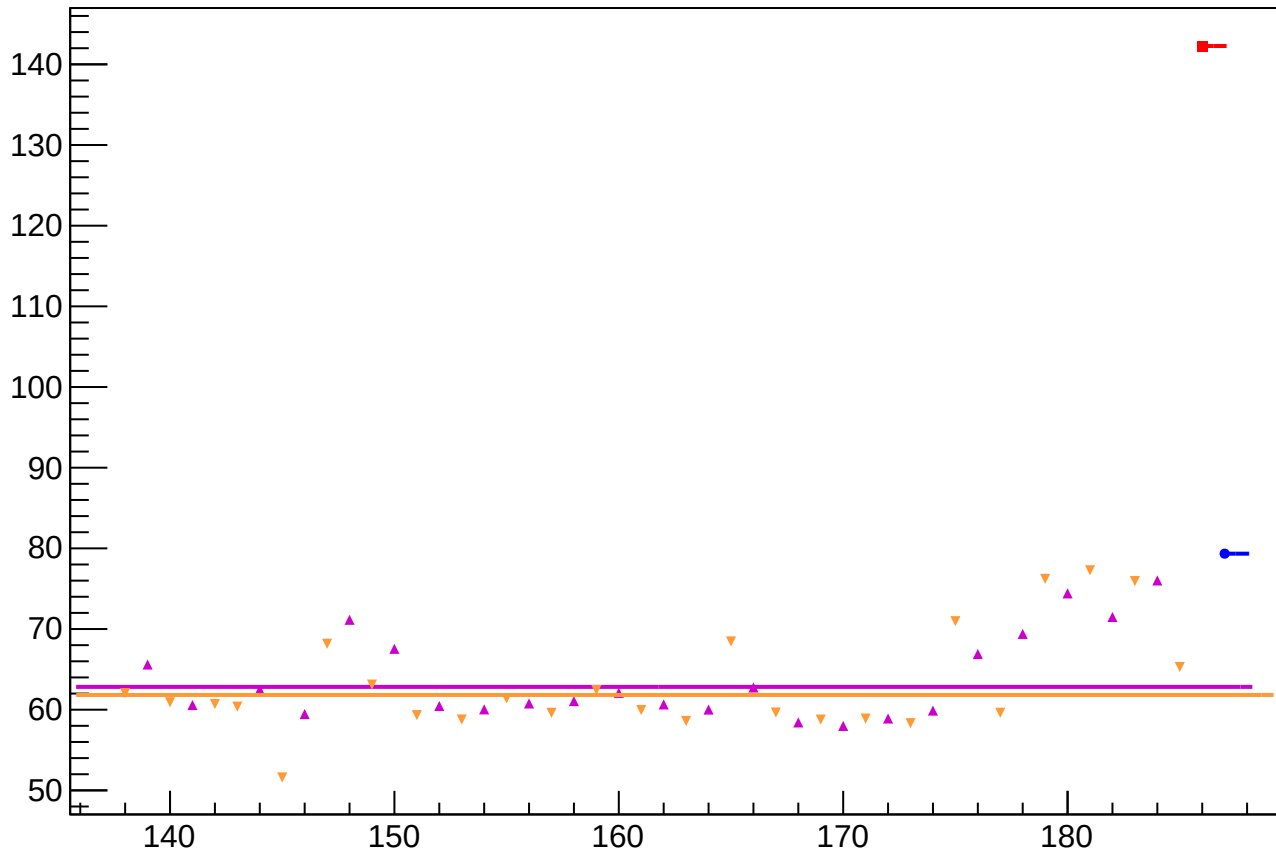
Left In: 93.899 ± 15.039 χ^2/NDF : 19.3/22

+ sign -98.672 ± 14.489 χ^2/NDF : 35.3/25

All: -6.517 ± 10.424 χ^2/NDF : 140.9/49

- sign 92.354 ± 15.008 χ^2/NDF : 21.8/23

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 79.343 $\pm$ 0.146 χ^2 /NDF: 0.0/0

Left Out: 61.827 $\pm$ 0.010 χ^2 /NDF: 313572.8/24

Right Out: 142.273 $\pm$ 0.165 χ^2 /NDF: 0.0/0

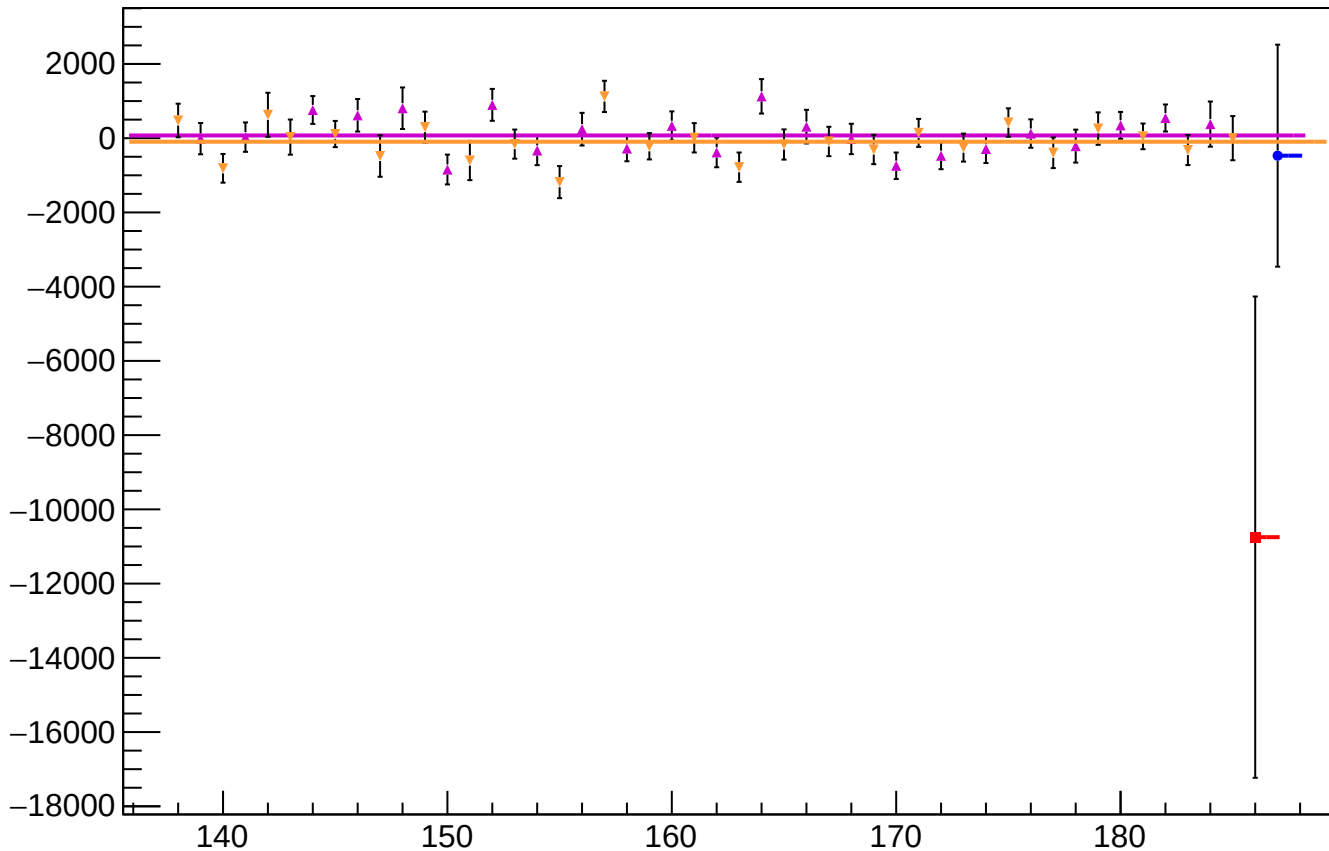
Left In: 62.827 $\pm$ 0.011 χ^2 /NDF: 187007.2/22

+ sign 61.913 $\pm$ 0.010 χ^2 /NDF: 327818.2/25

All: 62.512 $\pm$ 0.007 χ^2 /NDF: 751718.5/49

- sign 63.154 $\pm$ 0.011 χ^2 /NDF: 416815.7/23

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -470.985 $\pm$ 2990.746 χ^2 /NDF: 0.0/0

Left Out: -94.907 $\pm$ 82.850 χ^2 /NDF:31.6/24

Right Out: -10748.859 $\pm$ 6483.310 χ^2 /NDF: 0.0/0

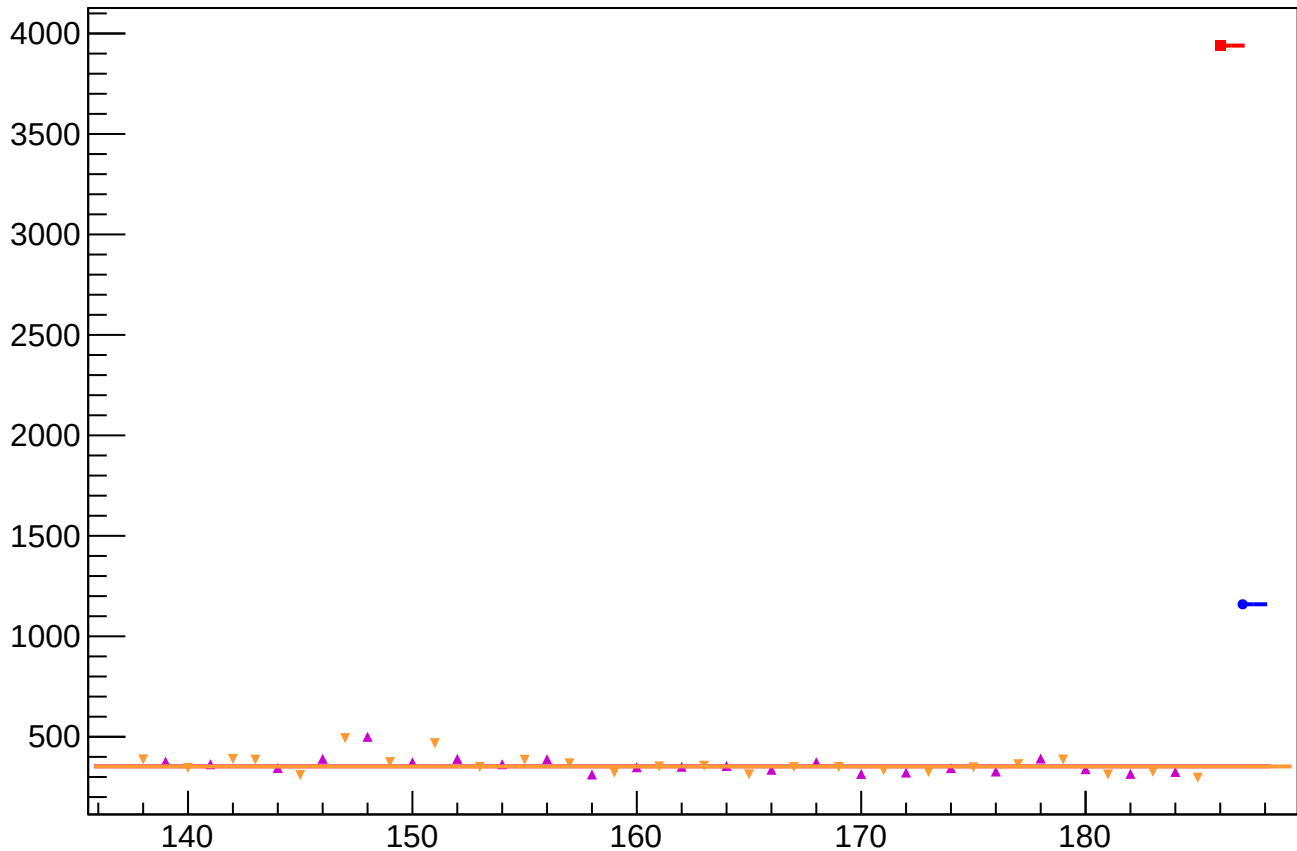
Left In: 73.914 $\pm$ 84.652 χ^2 /NDF:36.4/22

+ sign -95.195 $\pm$ 82.818 χ^2 /NDF: 31.6/25

All: -13.387 $\pm$ 59.196 χ^2 /NDF: 72.7/49

- sign 72.070 $\pm$ 84.645 χ^2 /NDF: 39.1/23

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 1159.437 $\pm$ 2.115 χ^2 /NDF: 0.0/0

Left Out: 352.403 $\pm$ 0.059 χ^2 /NDF: 418506.2/24

Right Out: 3939.842 $\pm$ 4.584 χ^2 /NDF: 0.0/0

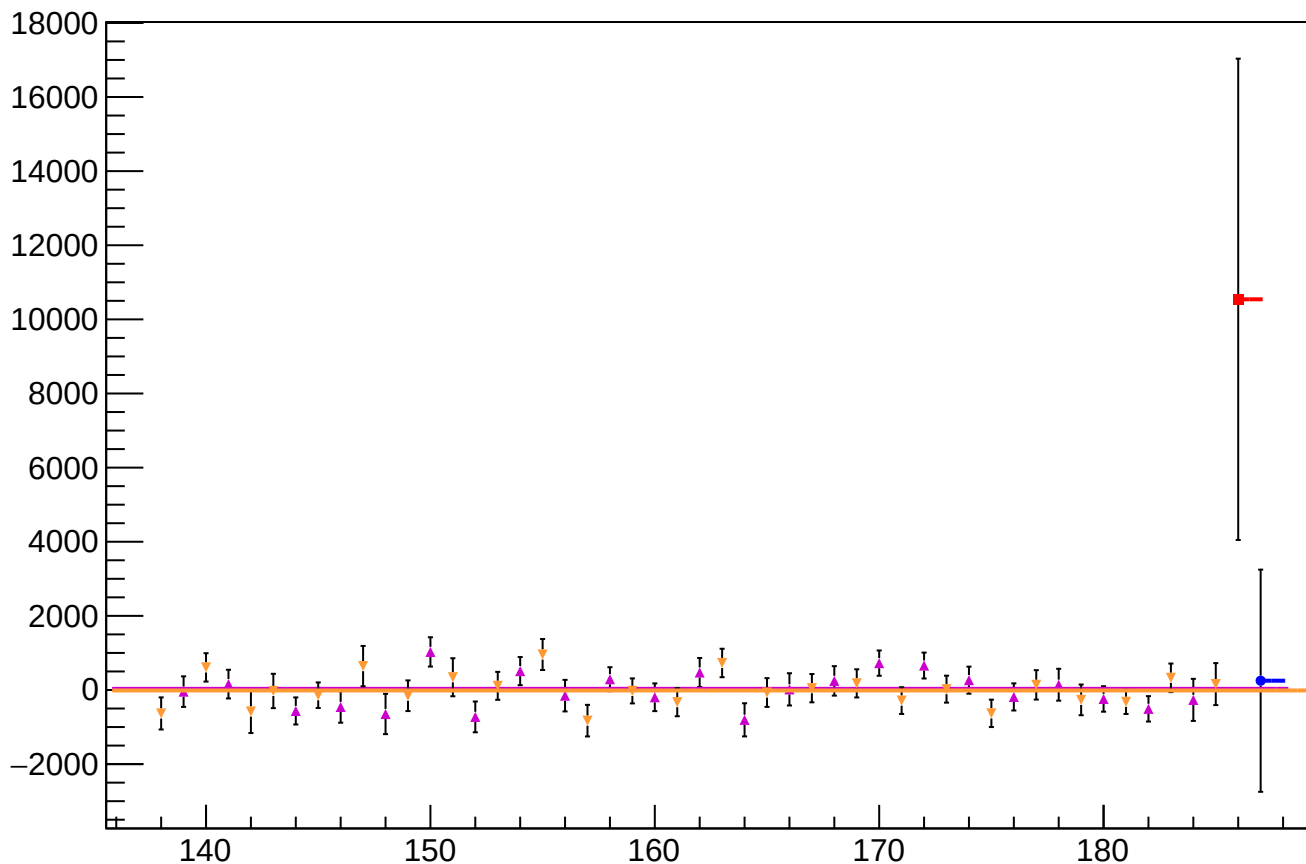
Left In: 353.197 $\pm$ 0.060 χ^2 /NDF: 321761.0/22

+ sign 353.021 $\pm$ 0.059 χ^2 /NDF: 564026.0/25

All: 353.406 $\pm$ 0.042 χ^2 /NDF: 1497858.1/49

- sign 353.808 $\pm$ 0.060 χ^2 /NDF: 933743.8/23

asym_sam_13_57_dd_mean vs Slug



Right In: 250.414+/-2997.389 χ^2/NDF : 0.0/0

Left Out: -12.545+/-79.984 χ^2/NDF : 27.3/24

Right Out: 10541.140+/-6493.184 χ^2/NDF : 0.0/0

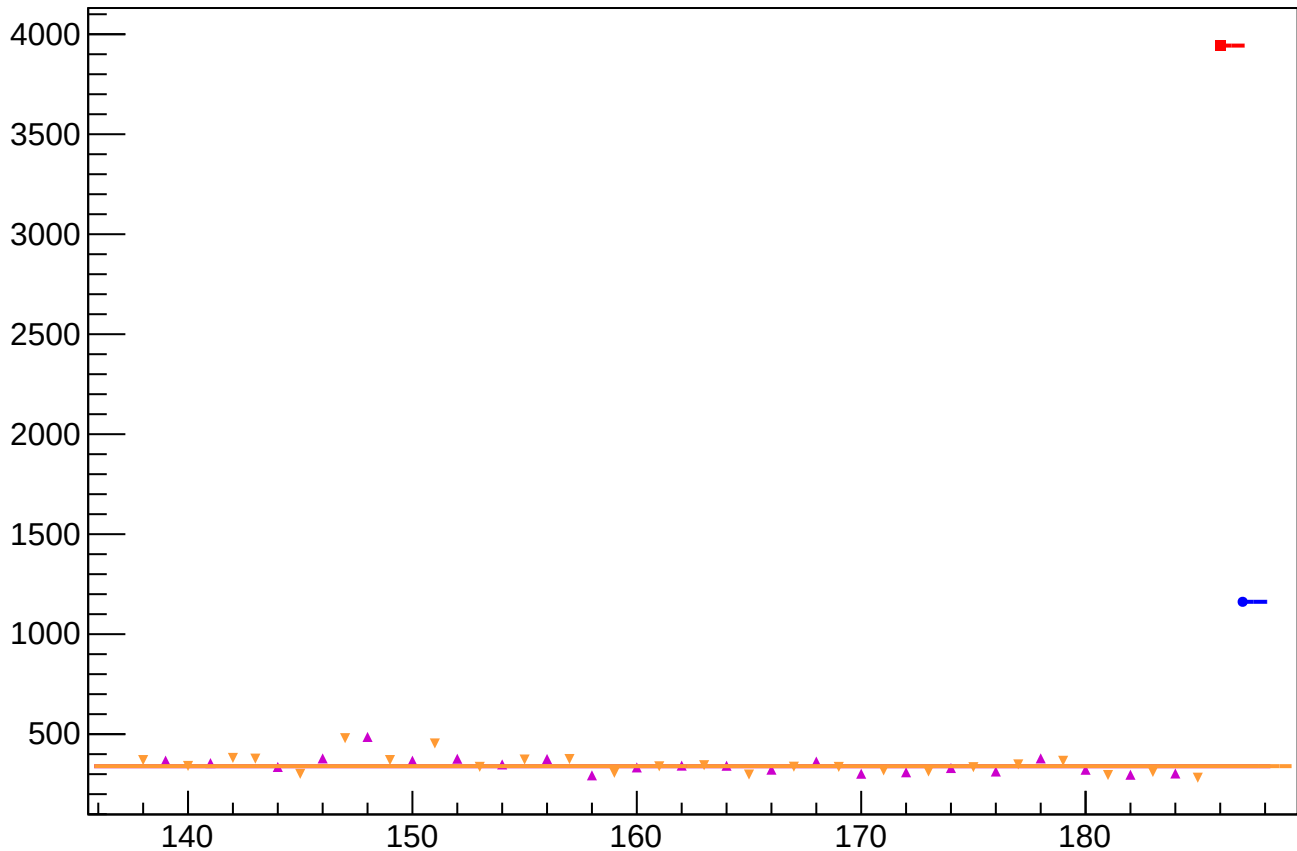
Left In: 31.531+/-81.476 χ^2/NDF : 34.8/22

+ sign -12.358+/-79.956 χ^2/NDF : 27.4/25

All: 9.987+/-57.065 χ^2/NDF : 64.9/49

- sign 33.186+/-81.470 χ^2/NDF : 37.4/23

asym_sam_13_57_dd_rms vs Slug



Right In: 1161.863 $\pm$ 2.119 χ^2 /NDF: 0.0/0

Left Out: 340.018 $\pm$ 0.057 χ^2 /NDF: 465345.1/24

Right Out: 3943.251 $\pm$ 4.591 χ^2 /NDF: 0.0/0

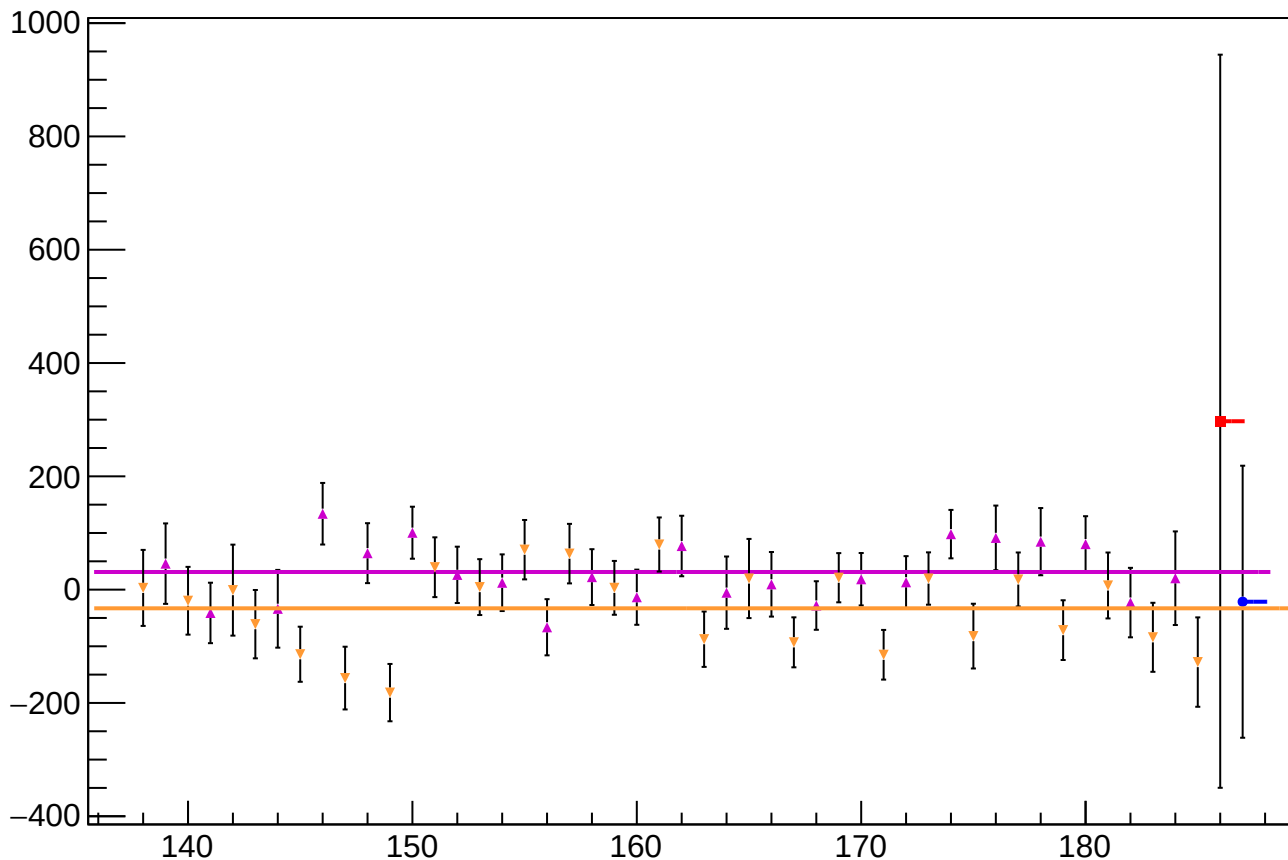
Left In: 339.571 $\pm$ 0.058 χ^2 /NDF: 377816.0/22

+ sign 340.603 $\pm$ 0.057 χ^2 /NDF: 615594.9/25

All: 340.375 $\pm$ 0.040 χ^2 /NDF: 1609384.4/49

- sign 340.138 $\pm$ 0.058 χ^2 /NDF: 993756.3/23

dit_asym_sam_15_37_dd_mean vs Slug



Right In: -21.355 ± 240.102 χ^2/NDF : 0.0/0

Left Out: -32.964 ± 10.578 χ^2/NDF : 48.0/24

Right Out: 297.258 ± 647.046 χ^2/NDF : 0.0/0

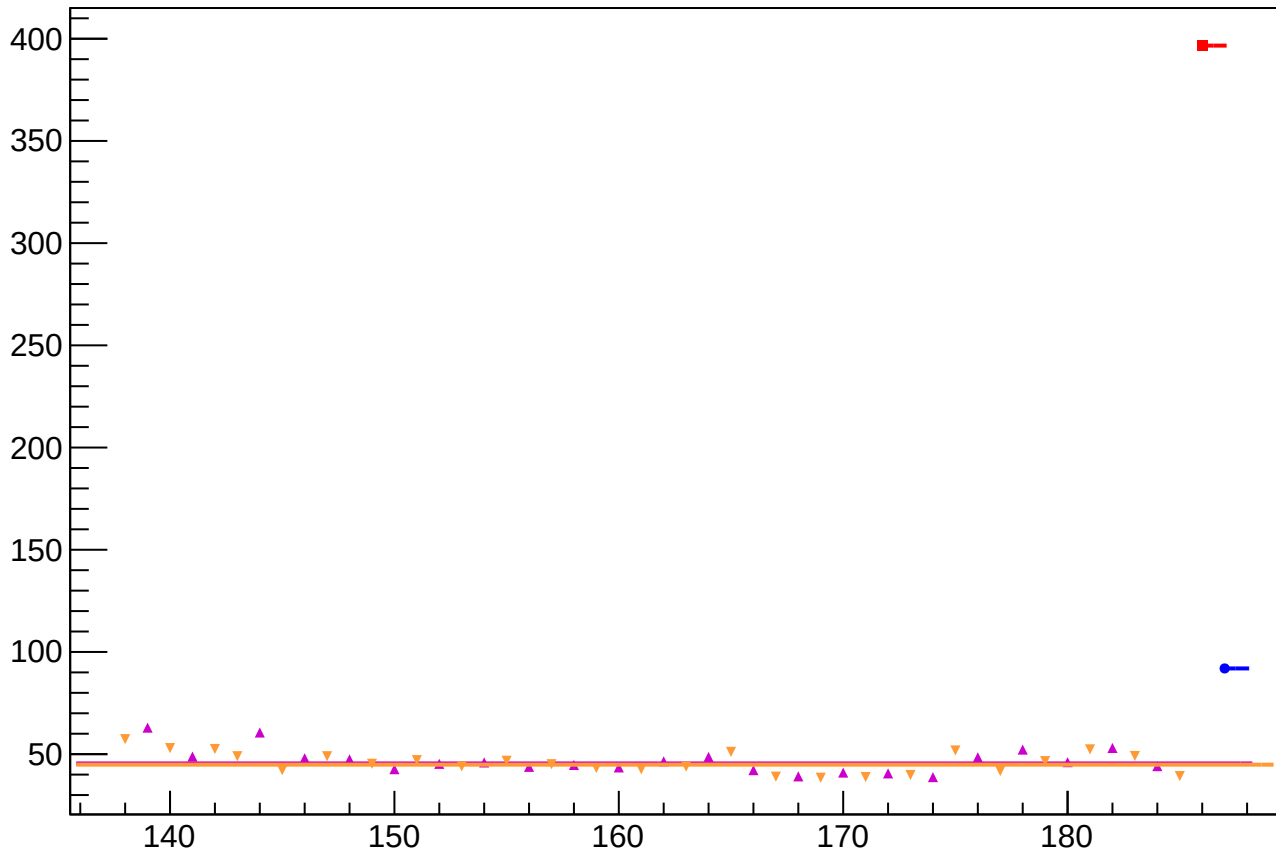
Left In: 31.144 ± 10.958 χ^2/NDF : 23.4/22

+ sign -32.942 ± 10.567 χ^2/NDF : 48.0/25

All: -2.019 ± 7.606 χ^2/NDF : 89.4/49

- sign 31.220 ± 10.956 χ^2/NDF : 23.6/23

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 91.939 ± 0.170 χ^2/NDF : 0.0/0

Left Out: 44.862 ± 0.007 χ^2/NDF : 415524.3/24

Right Out: 396.639 ± 0.458 χ^2/NDF : 0.0/0

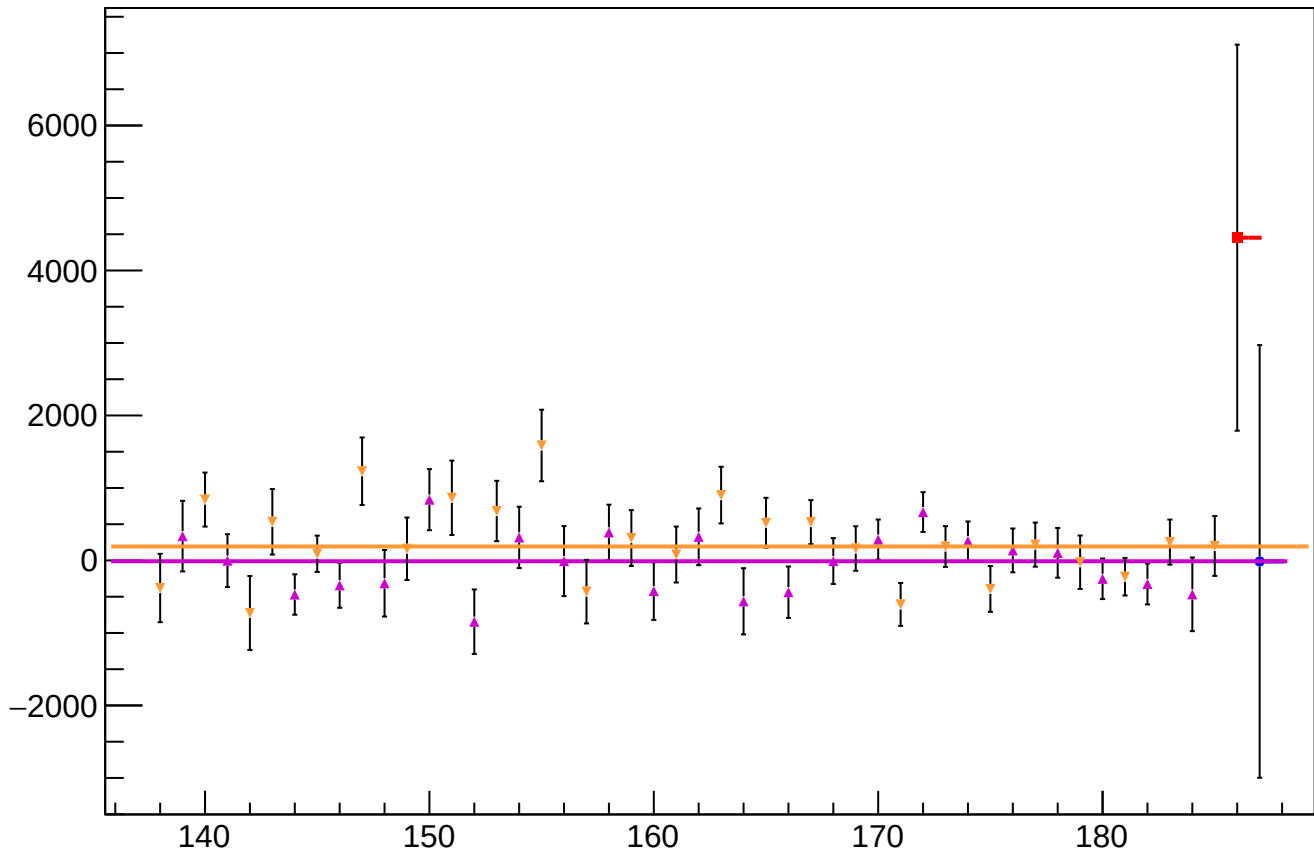
Left In: 45.465 ± 0.008 χ^2/NDF : 457021.7/22

+ sign 44.953 ± 0.007 χ^2/NDF : 492262.5/25

All: 45.248 ± 0.005 χ^2/NDF : 1541475.9/49

- sign 45.566 ± 0.008 χ^2/NDF : 1045974.6/23

asym_sam_15_37_dd_correction_mean vs Slug



Right In: -13.231 ± 2984.722 χ^2/NDF : 0.0/0

Left Out: 192.946 ± 70.968 χ^2/NDF : 45.8/24

Right Out: 4452.384 ± 2662.588 χ^2/NDF : 0.0/0

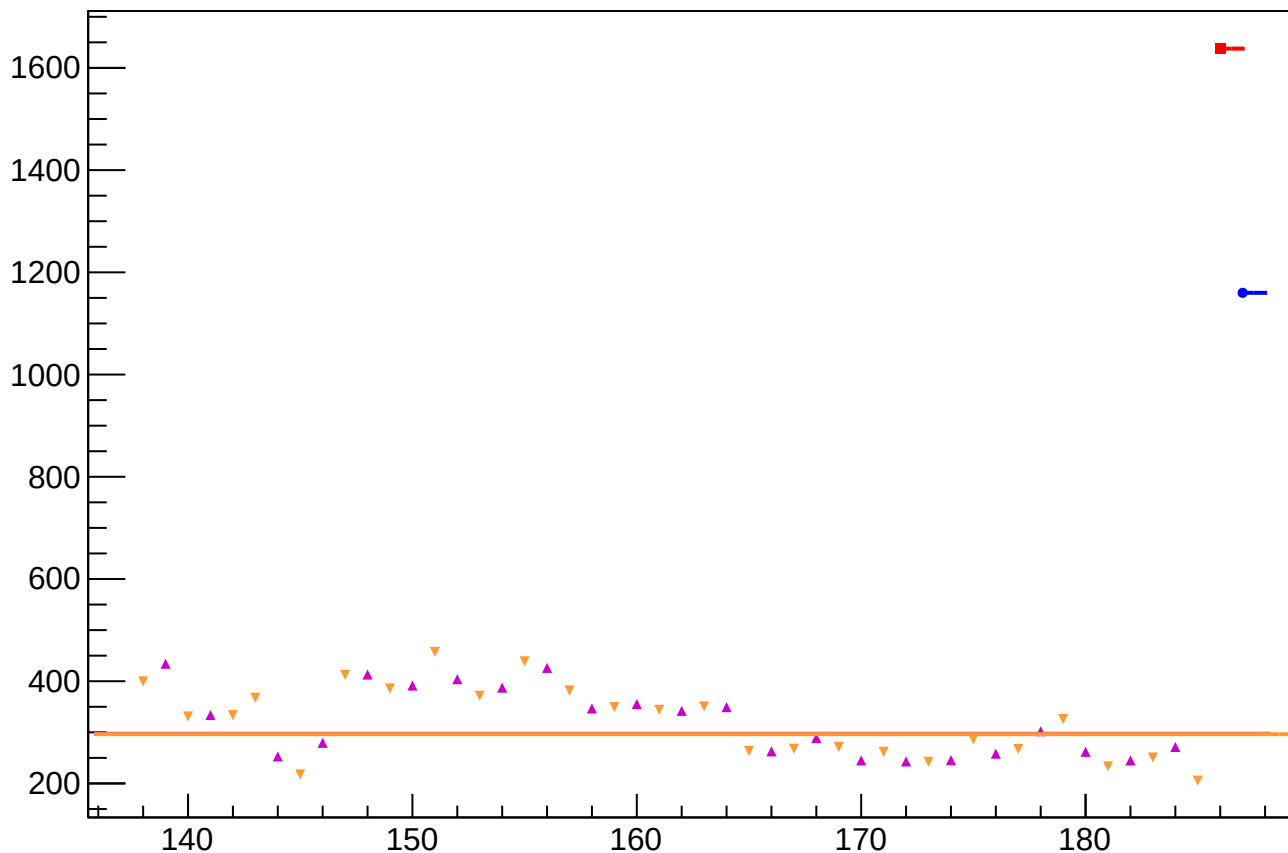
Left In: -10.801 ± 72.300 χ^2/NDF : 30.2/22

+ sign 192.829 ± 70.948 χ^2/NDF : 45.8/25

All: 94.513 ± 50.630 χ^2/NDF : 82.8/49

- sign -7.512 ± 72.273 χ^2/NDF : 33.0/23

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 1159.918 $\pm$ 2.111 χ^2 /NDF: 0.0/0

Left Out: 296.383 $\pm$ 0.050 χ^2 /NDF:1635498.4/24

Right Out: 1637.703 $\pm$ 1.883 χ^2 /NDF: 0.0/0

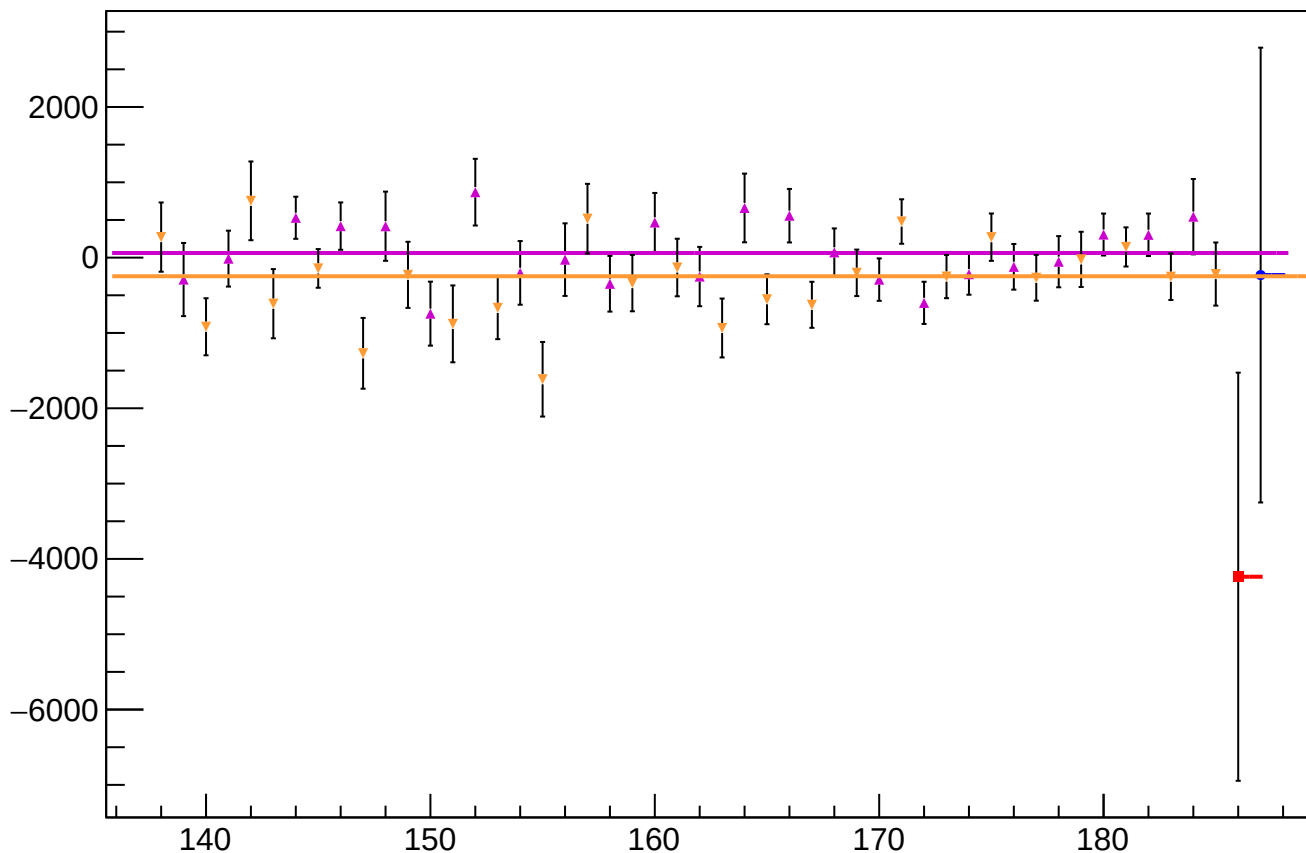
Left In: 297.137 $\pm$ 0.051 χ^2 /NDF:1320750.3/22

+ sign 296.871 $\pm$ 0.050 χ^2 /NDF: 1802813.8/25

All: 297.486 $\pm$ 0.036 χ^2 /NDF: 3630485.9/49

- sign 298.125 $\pm$ 0.051 χ^2 /NDF: 1827365.7/23

asym_sam_15_37_dd_mean vs Slug



Right In: -231.571 ± 3019.116 χ^2/NDF : 0.0/0

Left Out: -247.108 ± 71.218 χ^2/NDF : 43.6/24

Right Out: -4236.524 ± 2709.363 χ^2/NDF : 0.0/0

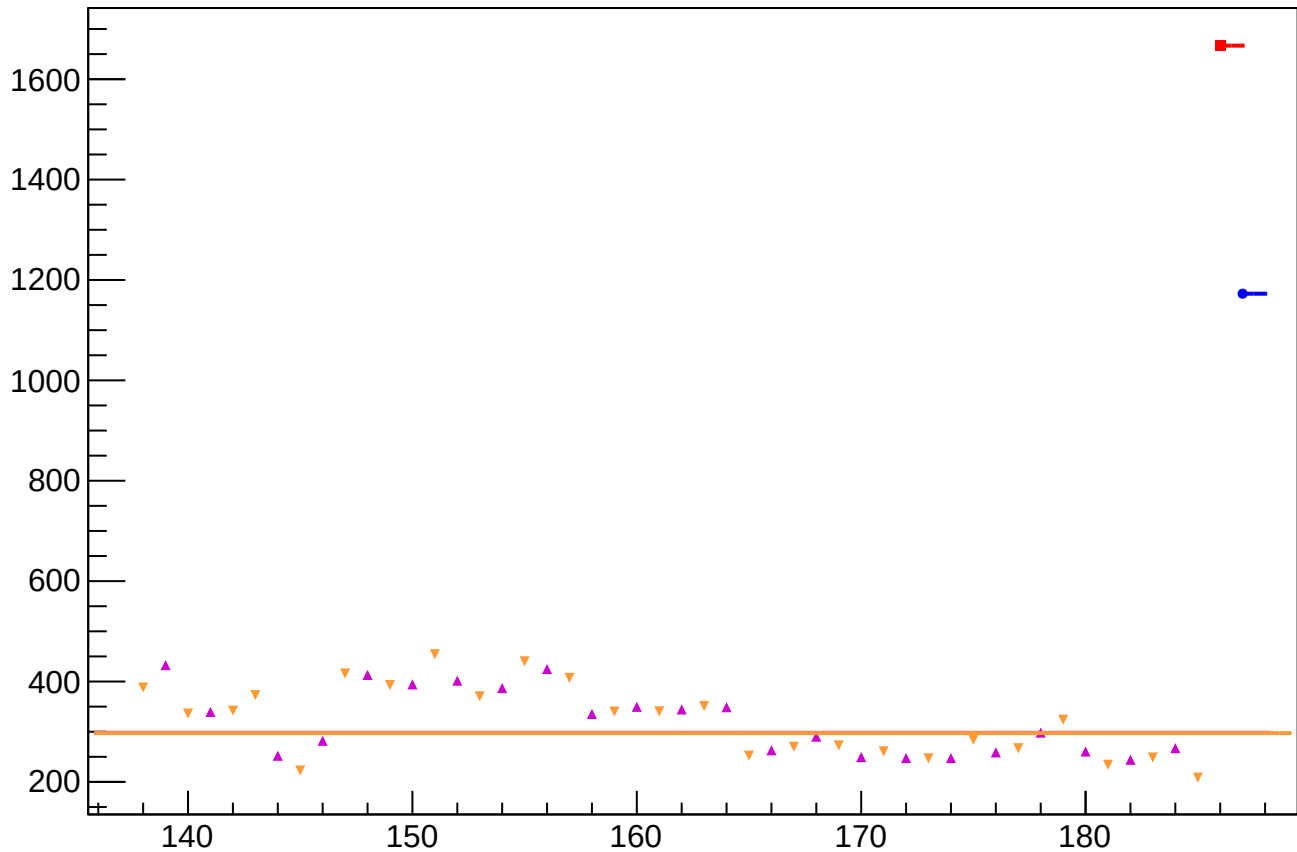
Left In: 61.707 ± 72.478 χ^2/NDF : 30.3/22

+ sign -247.099 ± 71.198 χ^2/NDF : 43.6/25

All: -96.901 ± 50.782 χ^2/NDF : 85.5/49

- sign 58.633 ± 72.452 χ^2/NDF : 32.8/23

asym_sam_15_37_dd_rms vs Slug



Right In: 1172.669+/-2.135 χ^2/NDF : 0.0/0

Left Out: 297.273+/-0.050 χ^2/NDF : 1627904.5/24

Right Out: 1666.884+/-1.916 χ^2/NDF : 0.0/0

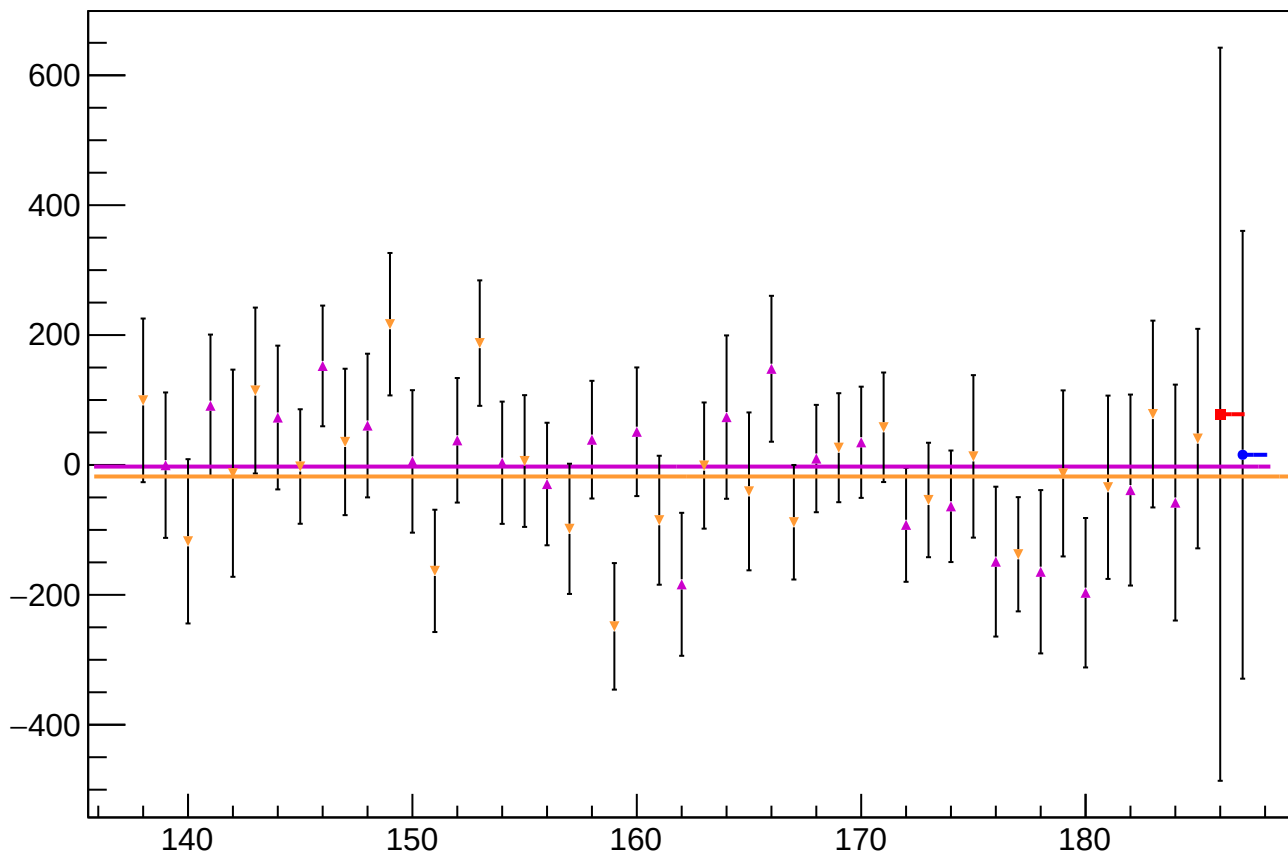
Left In: 297.696+/-0.051 χ^2/NDF : 1274607.7/22

+ sign 297.760+/-0.050 χ^2/NDF : 1795954.2/25

All: 298.210+/-0.036 χ^2/NDF : 3581124.7/49

- sign 298.675+/-0.051 χ^2/NDF : 1785008.0/23

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 15.653 $\pm$ 344.749 χ^2 /NDF: 0.0/0

Left Out: -17.764 $\pm$ -21.121 χ^2 /NDF:25.5/24

Right Out: 78.101 $\pm$ -564.417 χ^2 /NDF: 0.0/0

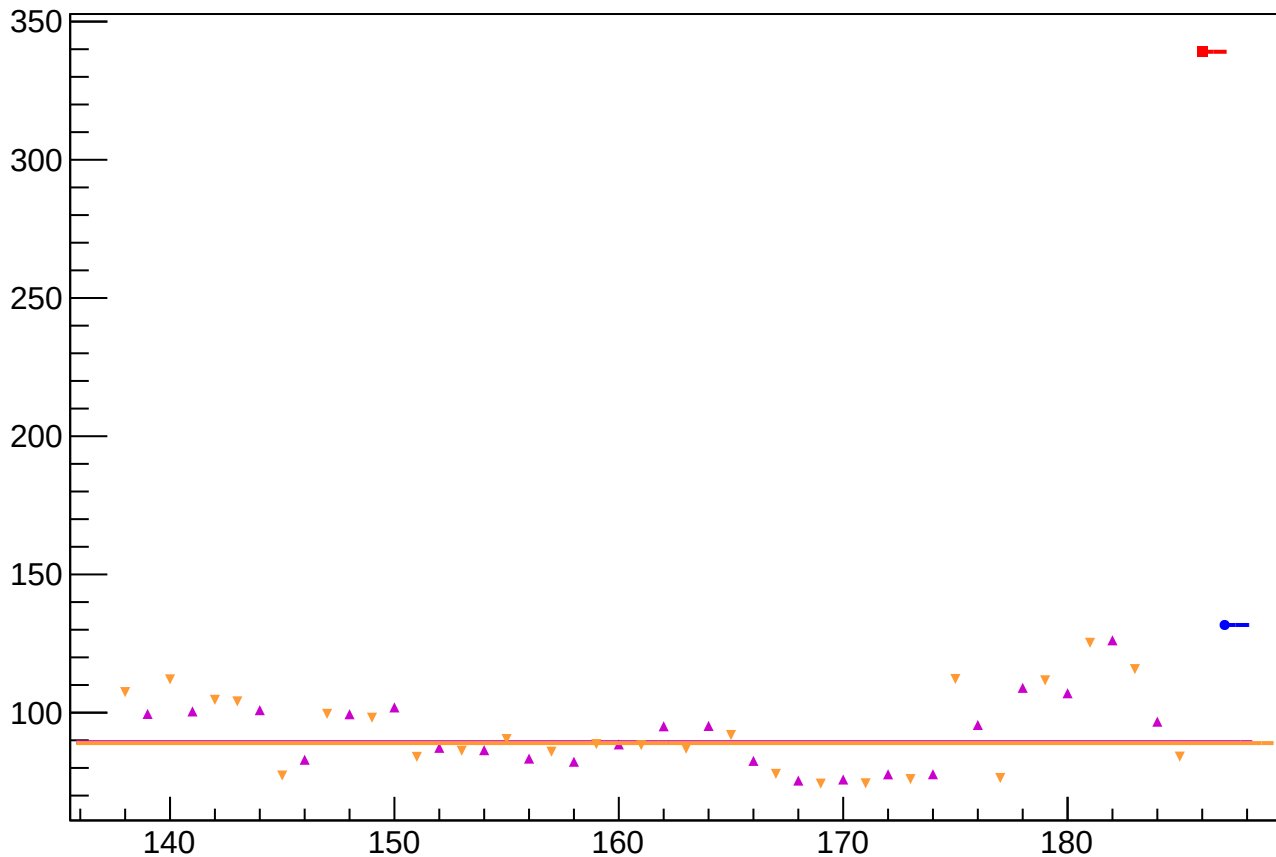
Left In: -2.505 $\pm$ -21.582 χ^2 /NDF:18.0/22

+ sign -17.639 $\pm$ -21.081 χ^2 /NDF: 25.5/25

All: -10.187 $\pm$ -15.075 χ^2 /NDF: 43.8/49

- sign -2.388 $\pm$ -21.566 χ^2 /NDF: 18.0/23

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 131.717 $\pm$ 0.244 χ^2 /NDF: 0.0/0

Left Out: 88.991 $\pm$ 0.015 χ^2 /NDF: 807471.2/24

Right Out: 339.074 $\pm$ 0.399 χ^2 /NDF: 0.0/0

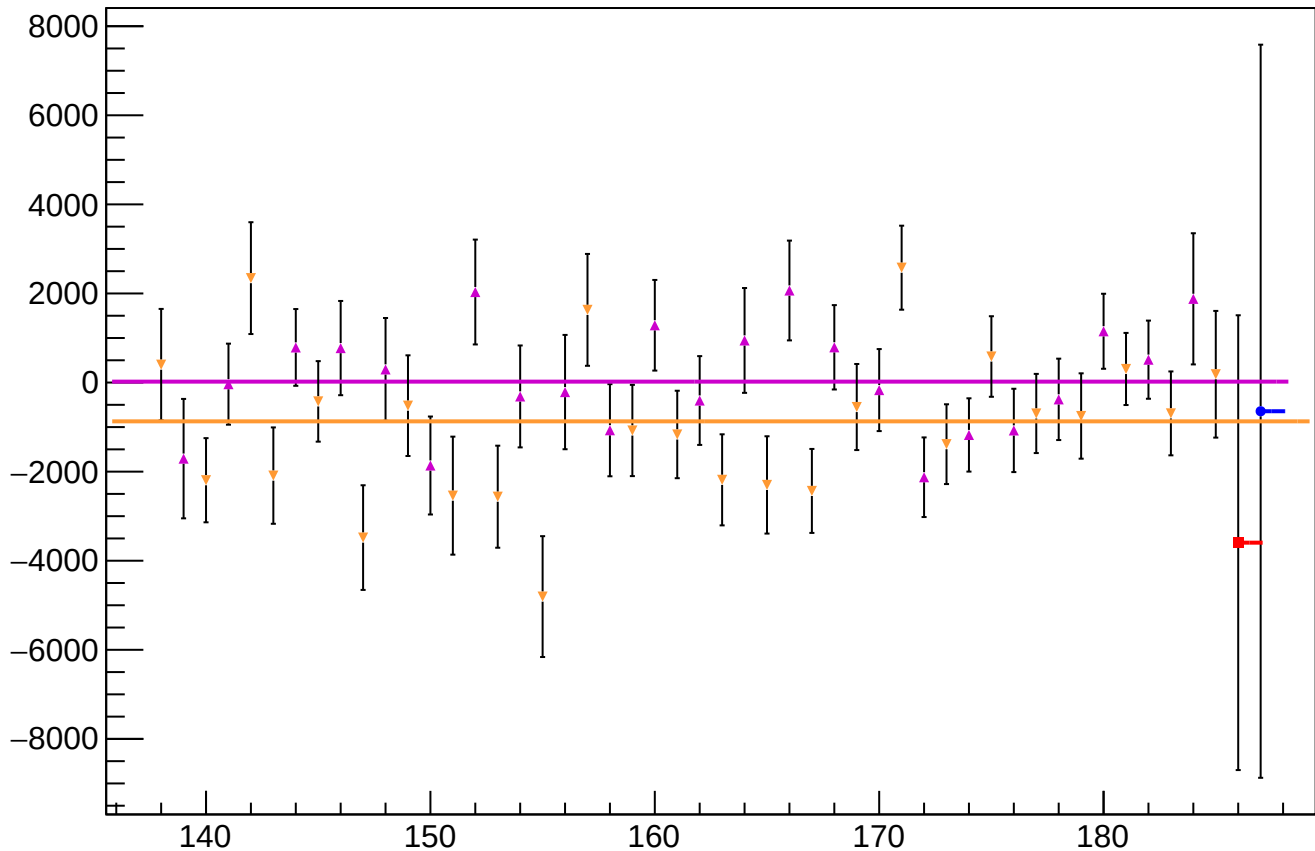
Left In: 89.321 $\pm$ 0.015 χ^2 /NDF: 560433.9/22

+ sign 89.150 $\pm$ 0.015 χ^2 /NDF: 838076.5/25

All: 89.412 $\pm$ 0.011 χ^2 /NDF: 1790177.2/49

- sign 89.686 $\pm$ 0.015 χ^2 /NDF: 951469.9/23

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -644.011+/-8229.378 χ^2/NDF : 0.0/0

Left Out: -871.061+/-205.986 χ^2/NDF : 57.6/24

Right Out: -3594.657+/-5105.192 χ^2/NDF : 0.0/0

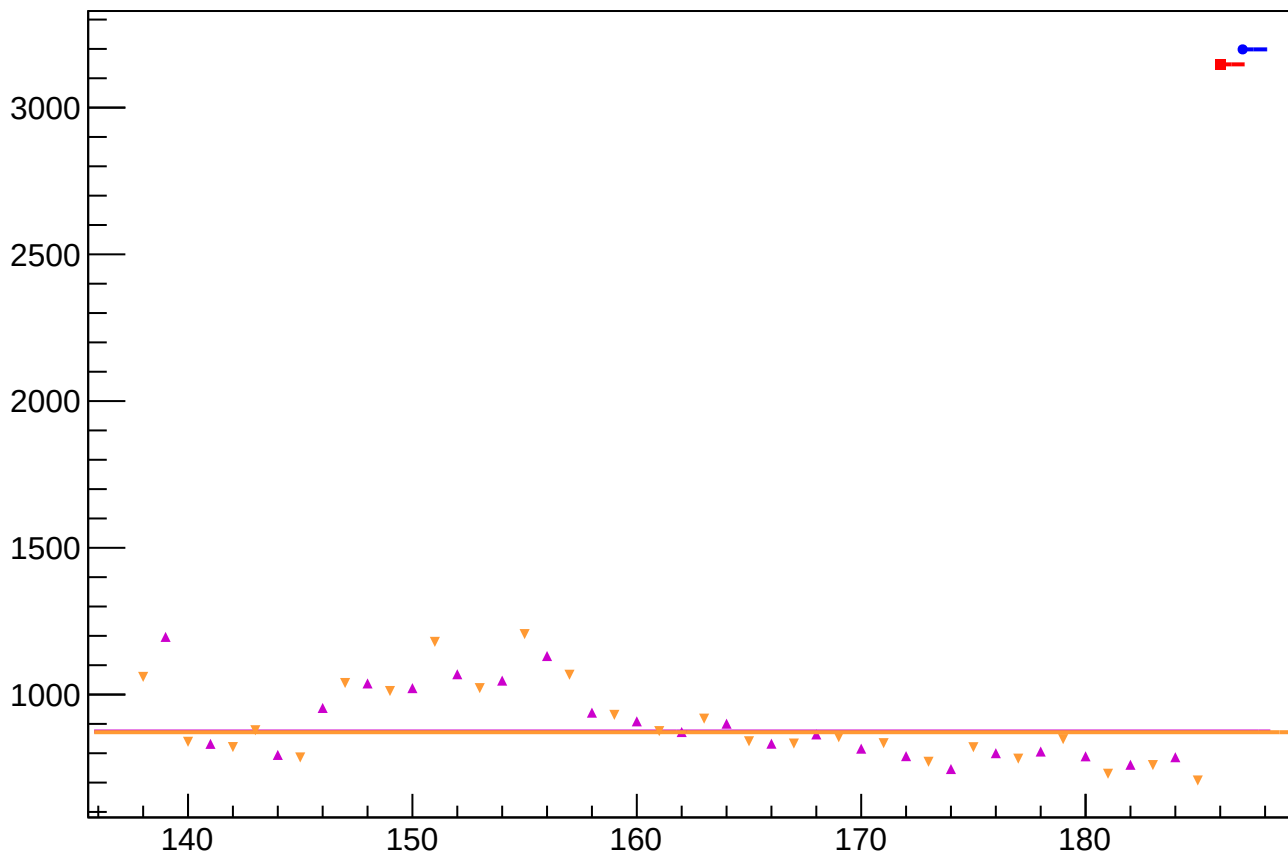
Left In: 20.573+/-210.177 χ^2/NDF : 29.7/22

+ sign -870.919+/-205.921 χ^2/NDF : 57.6/25

All: -436.910+/-147.029 χ^2/NDF : 96.9/49

- sign 14.456+/-209.999 χ^2/NDF : 30.2/23

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 3198.428+/-5.819 χ^2/NDF : 0.0/0

Left Out: 871.690+/-0.146 χ^2/NDF : 642403.4/24

Right Out: 3147.378+/-3.610 χ^2/NDF : 0.0/0

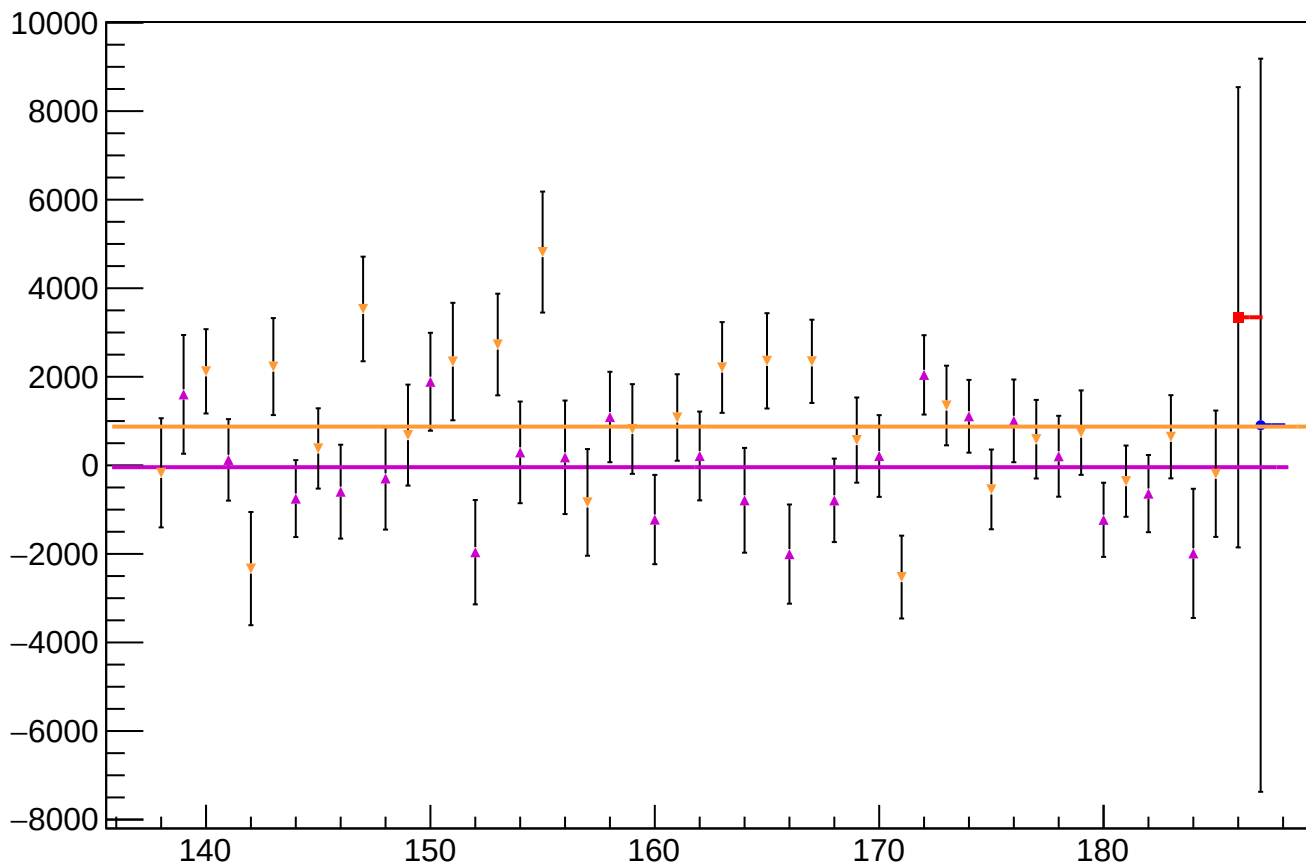
Left In: 874.055+/-0.149 χ^2/NDF : 578510.6/22

+ sign 873.147+/-0.146 χ^2/NDF : 802182.0/25

All: 875.478+/-0.104 χ^2/NDF : 1777121.7/49

- sign 877.902+/-0.148 χ^2/NDF : 974416.9/23

asym_sam_24_68_dd_mean vs Slug



Right In: 905.920 $\pm$ 8278.654 χ^2 /NDF: 0.0/0

Left Out: 875.084 $\pm$ 205.572 χ^2 /NDF:55.1/24

Right Out: 3344.154 $\pm$ 5197.183 χ^2 /NDF: 0.0/0

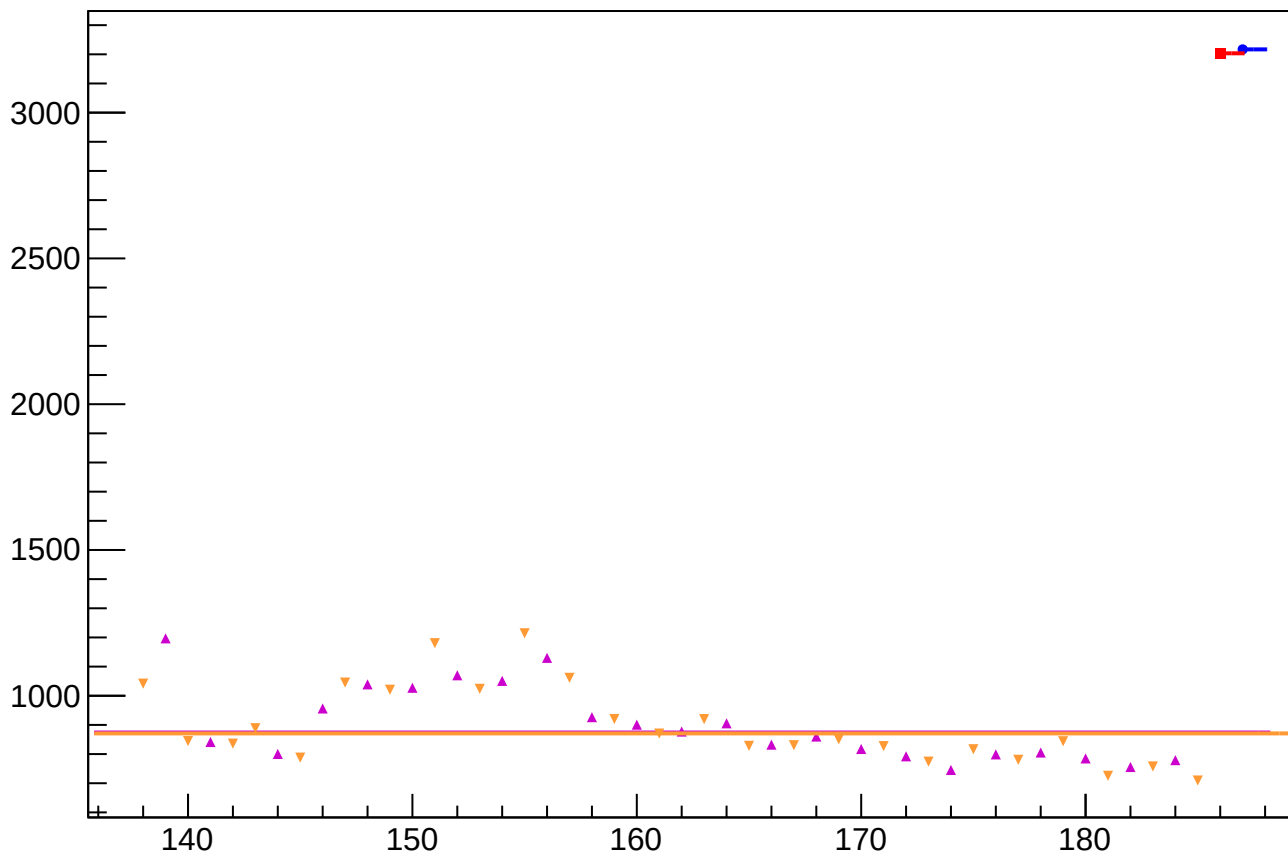
Left In: -41.523 $\pm$ 210.209 χ^2 /NDF:28.1/22

+ sign 875.103 $\pm$ 205.509 χ^2 /NDF: 55.1/25

All: 429.482 $\pm$ 146.891 χ^2 /NDF: 93.2/49

- sign -35.993 $\pm$ 210.037 χ^2 /NDF: 28.6/23

asym_sam_24_68_dd_rms vs Slug



Right In: 3216.942 $\pm$ 5.854 χ^2 /NDF: 0.0/0

Left Out: 870.853 $\pm$ 0.145 χ^2 /NDF: 651805.6/24

Right Out: 3203.449 $\pm$ 3.675 χ^2 /NDF: 0.0/0

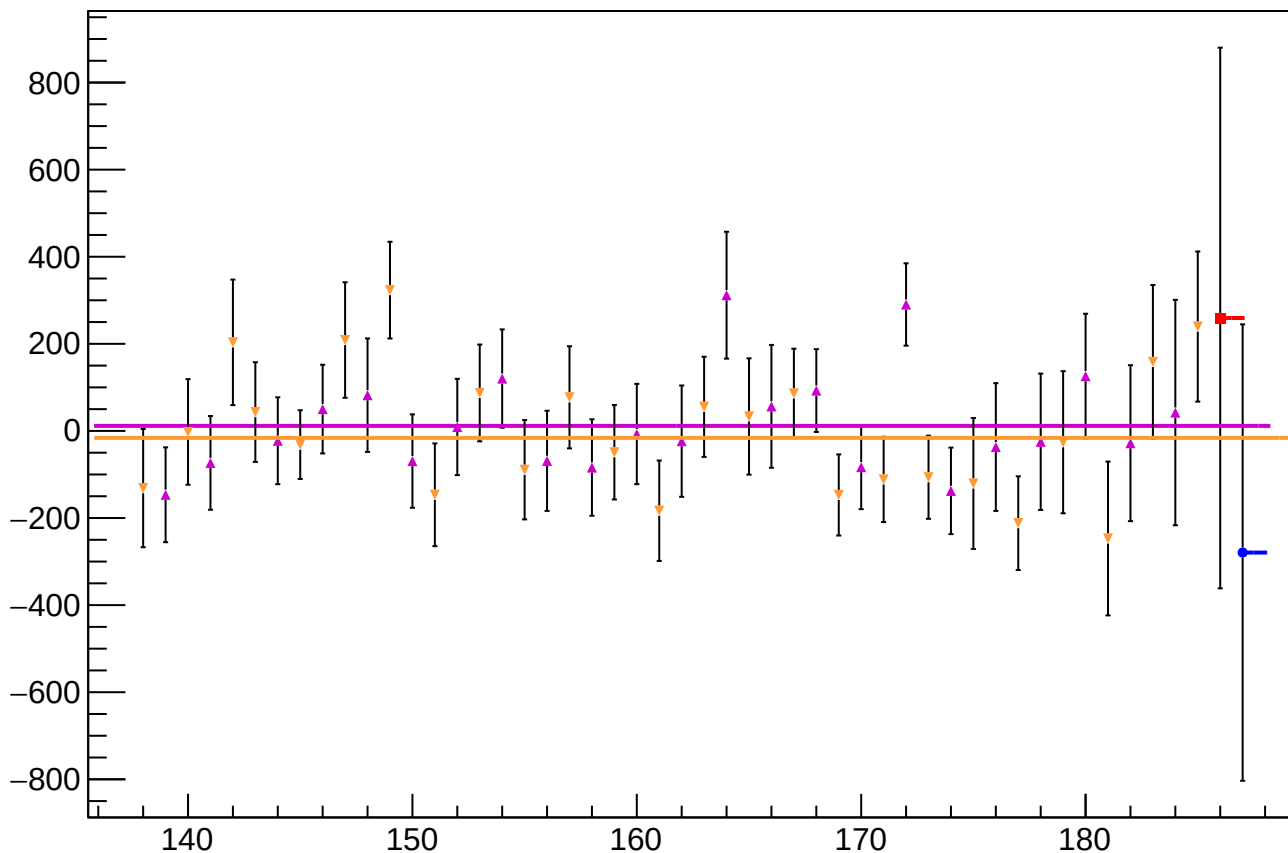
Left In: 873.902 $\pm$ 0.149 χ^2 /NDF: 583344.5/22

+ sign 872.299 $\pm$ 0.145 χ^2 /NDF: 812326.6/25

All: 874.944 $\pm$ 0.104 χ^2 /NDF: 1797517.3/49

- sign 877.707 $\pm$ 0.149 χ^2 /NDF: 984513.2/23

dit_asym_sam_26_48_dd_mean vs Slug



Right In: -279.336 ± 524.108 χ^2/NDF : 0.0/0

Left Out: -15.956 ± 23.377 χ^2/NDF : 34.9/24

Right Out: 259.284 ± 620.817 χ^2/NDF : 0.0/0

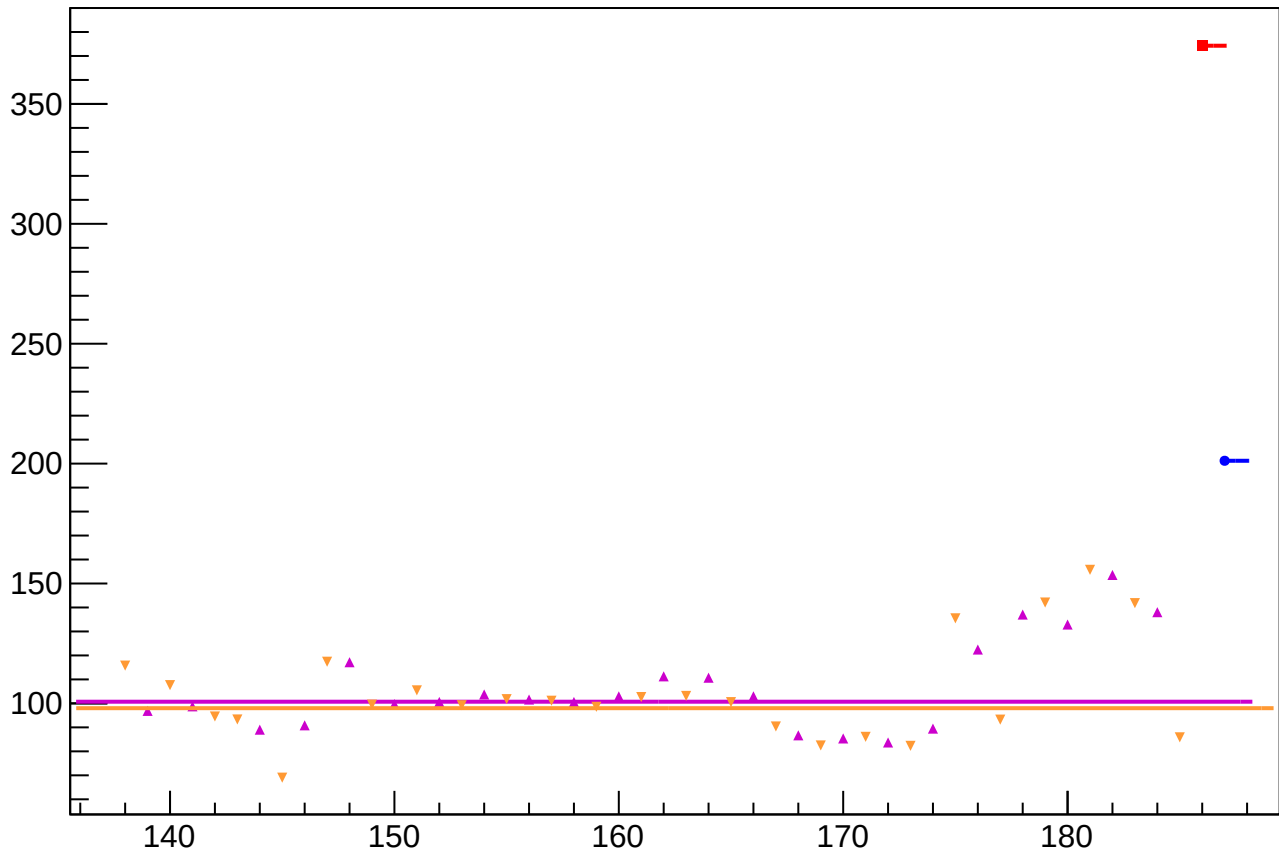
Left In: 11.570 ± 24.412 χ^2/NDF : 24.0/22

+ sign -16.478 ± 23.354 χ^2/NDF : 35.2/25

All: -2.882 ± 16.869 χ^2/NDF : 60.0/49

- sign 11.952 ± 24.393 χ^2/NDF : 24.1/23

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 201.182 $\pm$ 0.371 χ^2 /NDF: 0.0/0

Left Out: 98.001 $\pm$ 0.017 χ^2 /NDF: 1155021.9/24

Right Out: 374.275 $\pm$ 0.439 χ^2 /NDF: 0.0/0

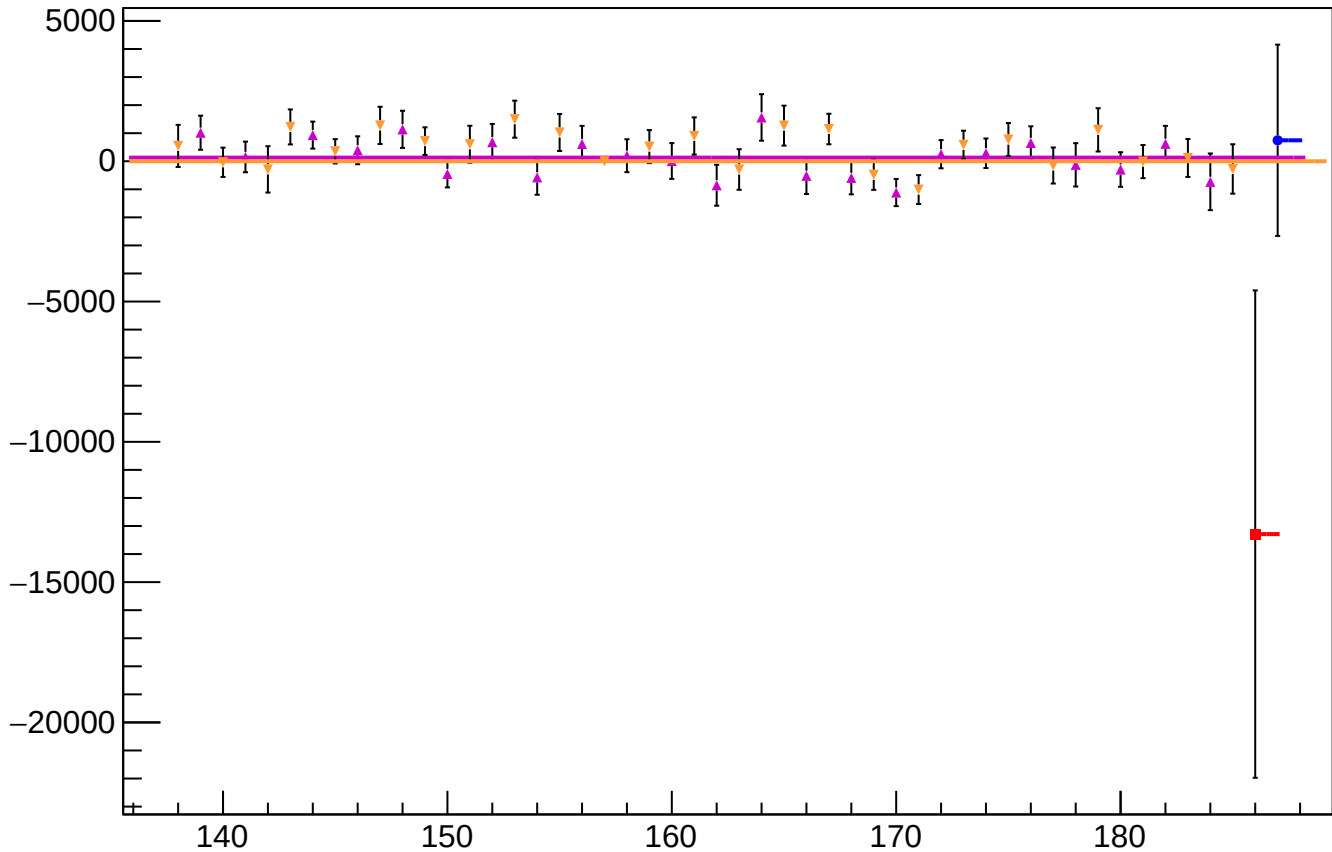
Left In: 100.704 $\pm$ 0.017 χ^2 /NDF: 759922.8/22

+ sign 98.206 $\pm$ 0.017 χ^2 /NDF: 1232382.8/25

All: 99.603 $\pm$ 0.012 χ^2 /NDF: 2395025.7/49

- sign 101.126 $\pm$ 0.017 χ^2 /NDF: 1147692.0/23

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 746.321+/-3408.355 χ^2/NDF : 0.0/0

Left Out: -0.000+/-0.000 χ^2/NDF : 39.9/24

Right Out: -13288.891+/-8684.786 χ^2/NDF : 0.0/0

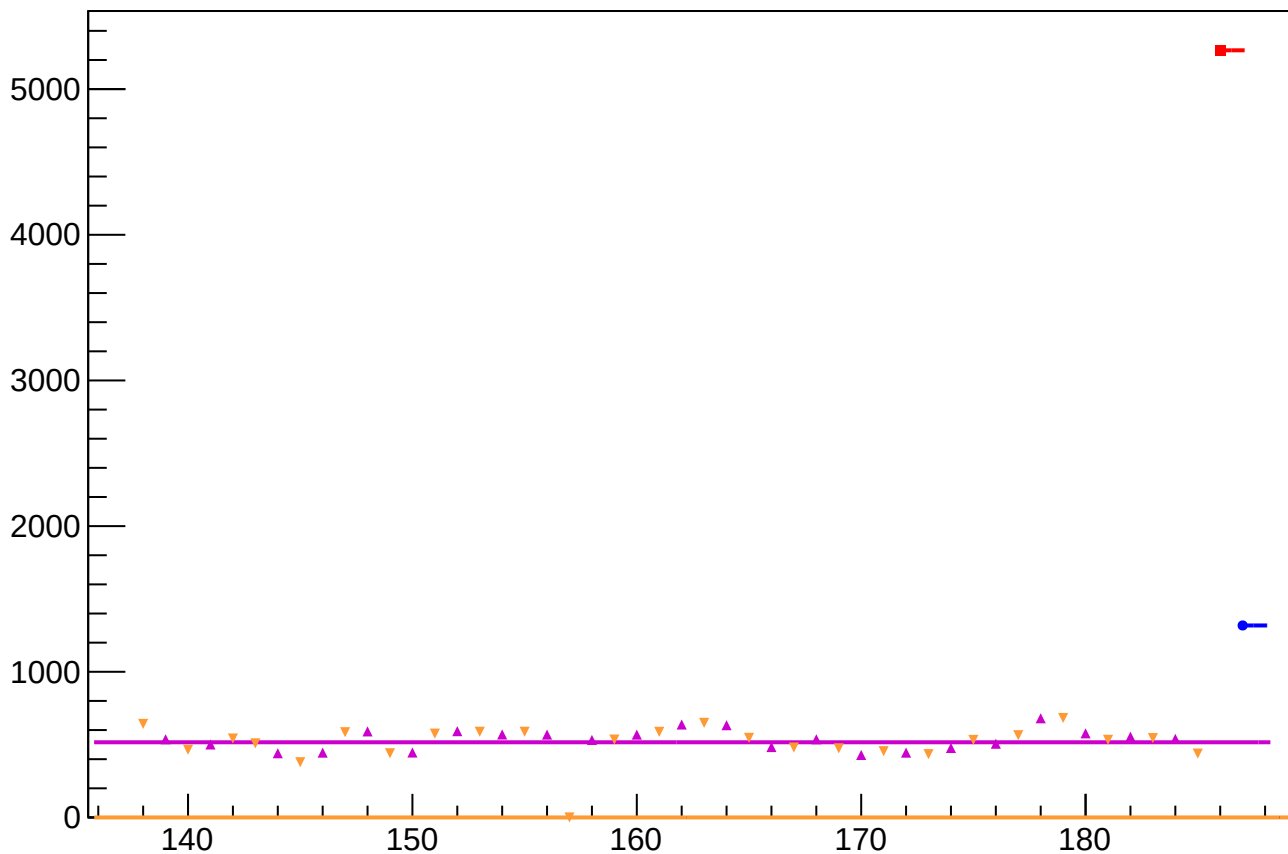
Left In: 129.094+/-124.247 χ^2/NDF : 28.3/22

+ sign -0.000+/-0.000 χ^2/NDF : 39.9/25

All: -0.000+/-0.000 χ^2/NDF : 71.7/49

- sign 126.348+/-124.234 χ^2/NDF : 30.7/23

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 1318.004 $\pm$ 2.410 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 34974091.9/24

Right Out: 5266.460 $\pm$ 6.141 χ^2 /NDF: 0.0/0

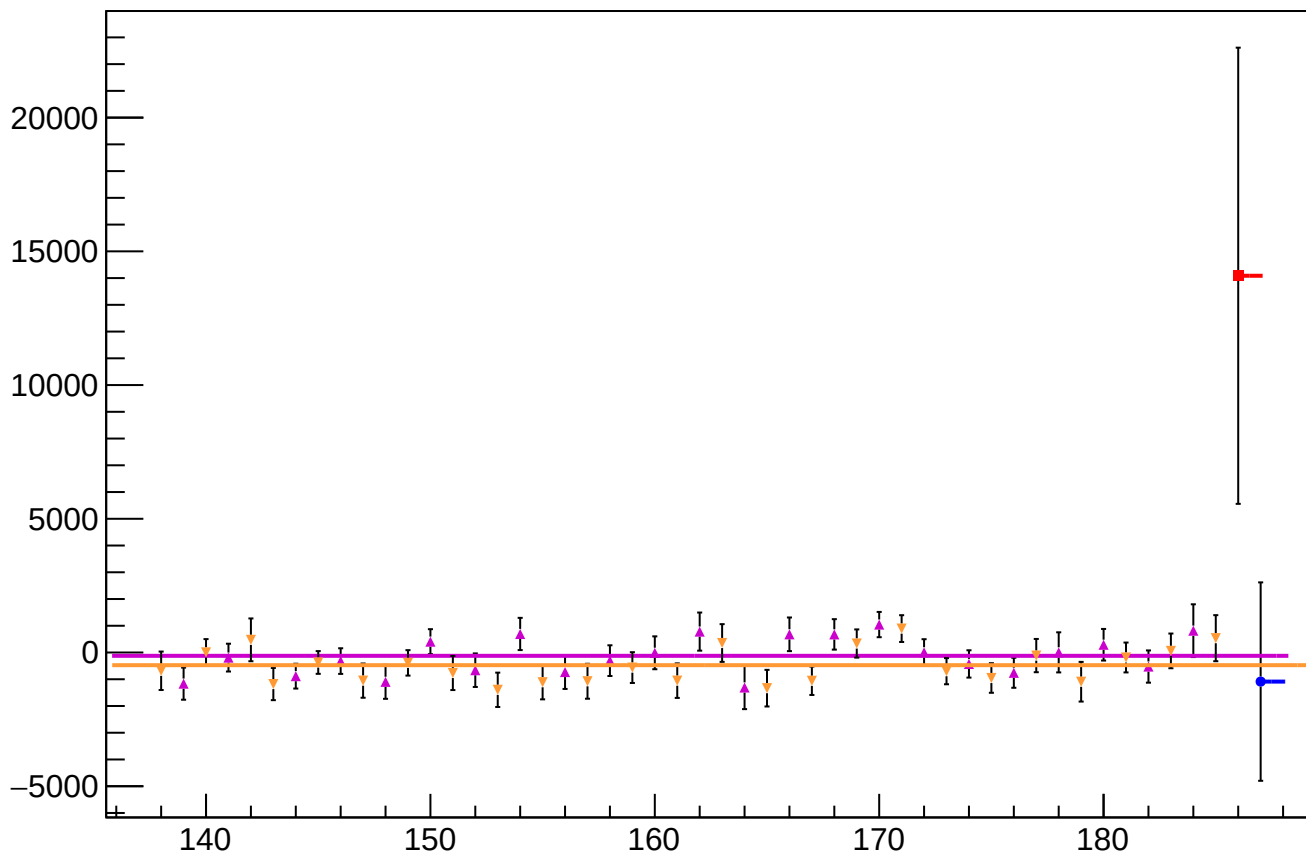
Left In: 516.120 $\pm$ 0.088 χ^2 /NDF: 571744.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 35273162.5/25

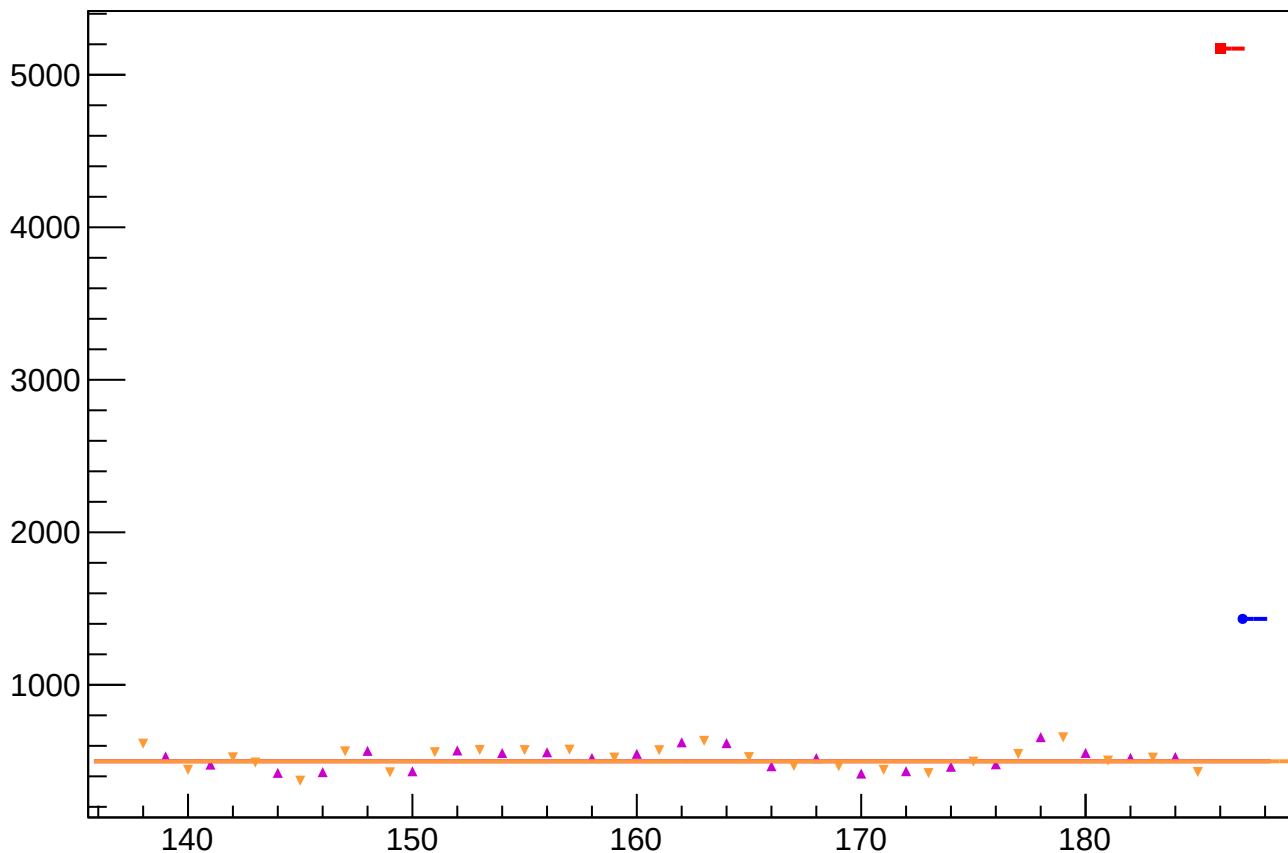
All: 0.000 $\pm$ 0.000 χ^2 /NDF: 71091681.1/49

- sign 517.092 $\pm$ 0.088 χ^2 /NDF: 1169980.3/23

asym_sam_26_48_dd_mean vs Slug



asym_sam_26_48_dd_rms vs Slug



Right In: 1432.394+/-2.623 χ^2/NDF : 0.0/0

Left Out: 498.662+/-0.083 χ^2/NDF : 734652.4/24

Right Out: 5171.734+/-6.030 χ^2/NDF : 0.0/0

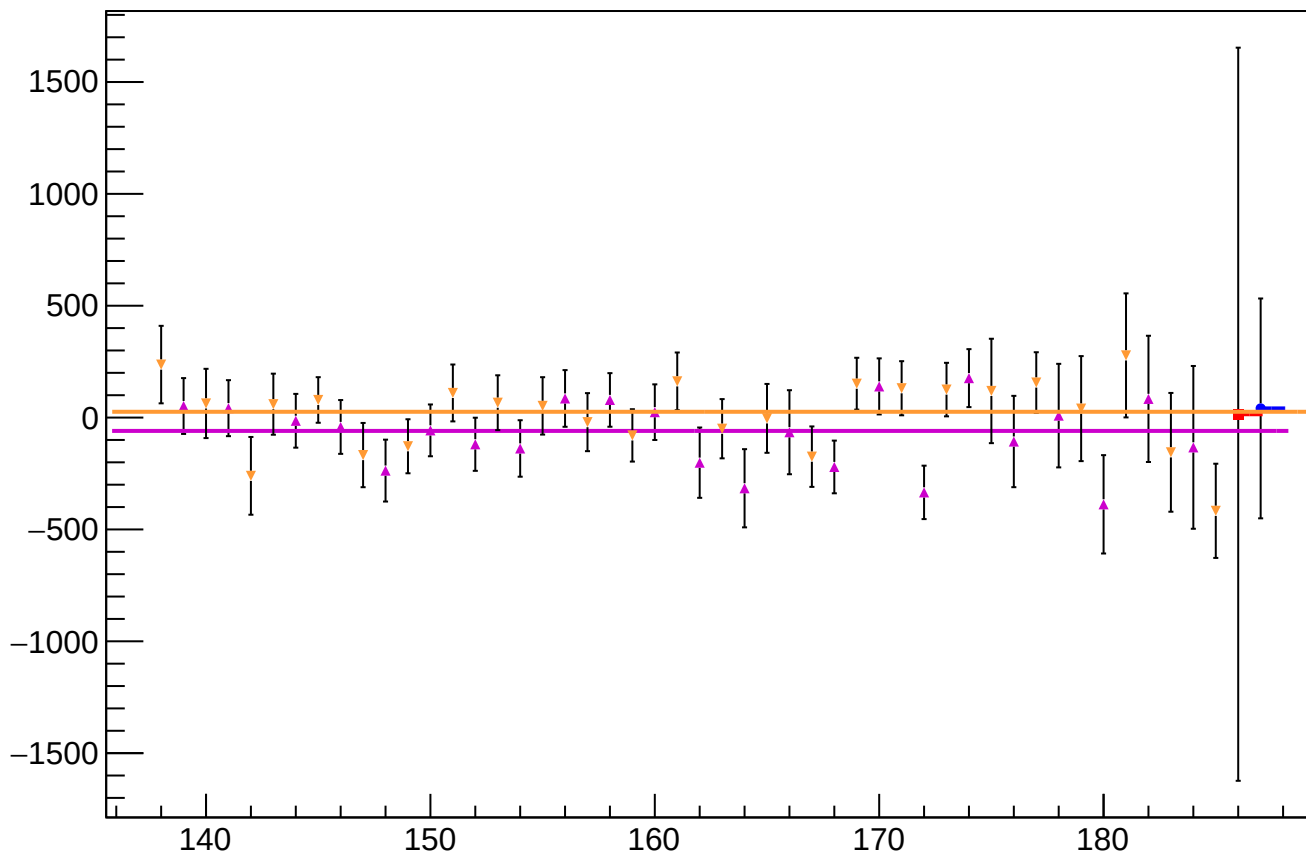
Left In: 498.835+/-0.085 χ^2/NDF : 572334.3/22

+ sign 499.606+/-0.083 χ^2/NDF : 861244.8/25

All: 499.683+/-0.060 χ^2/NDF : 2033899.8/49

- sign 499.763+/-0.085 χ^2/NDF : 1172653.3/23

dit_asym_sam_1548_avg_mean vs Slug



Right In: 40.971 $\pm$ 491.377 χ^2 /NDF: 0.0/0

Left Out: 25.940 $\pm$ 28.120 χ^2 /NDF:22.7/24

Right Out: 14.957 $\pm$ 1638.532 χ^2 /NDF: 0.0/0

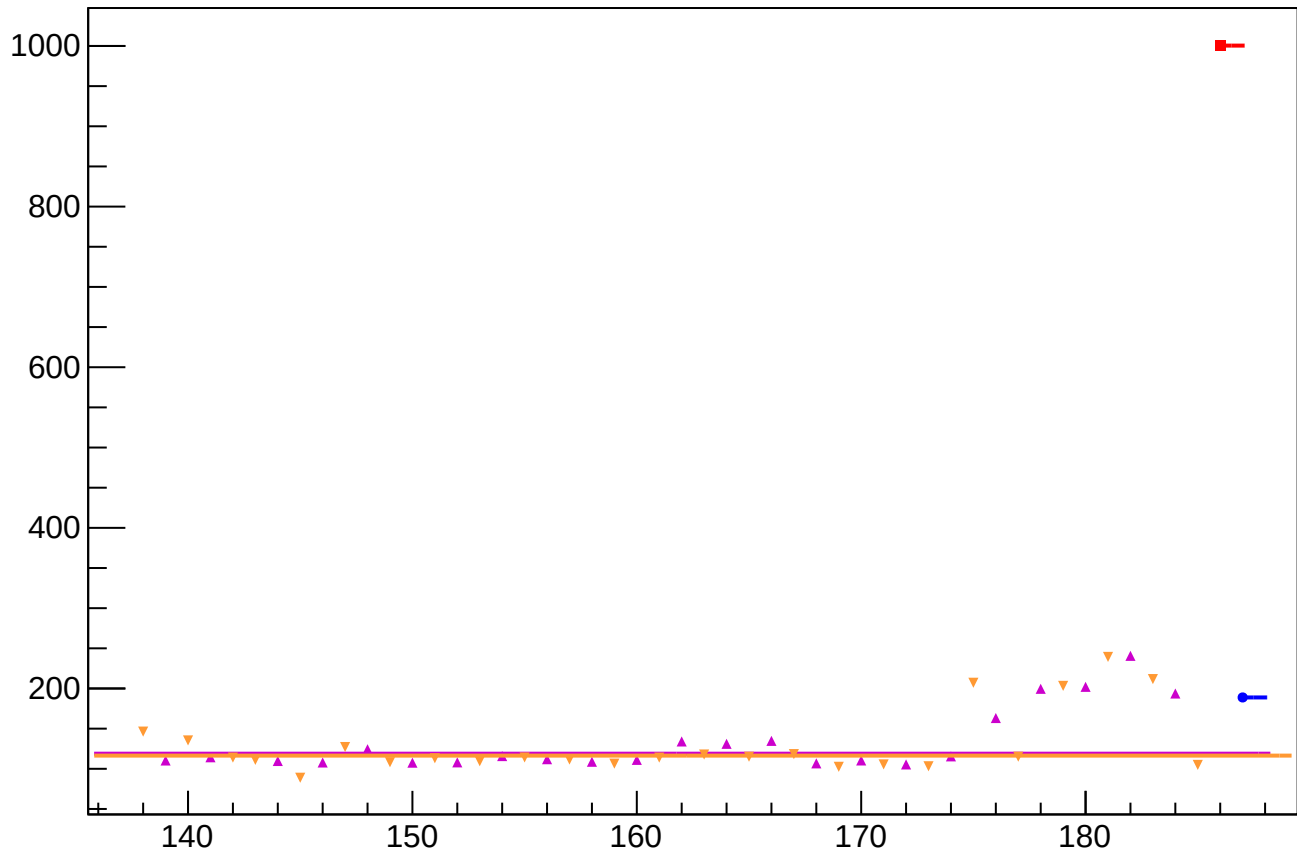
Left In: -59.603 $\pm$ 29.184 χ^2 /NDF:25.6/22

+ sign 25.989 $\pm$ 28.075 χ^2 /NDF: 22.7/25

All: -15.145 $\pm$ 20.231 χ^2 /NDF: 52.8/49

- sign -59.580 $\pm$ 29.179 χ^2 /NDF: 25.6/23

dit_asym_sam_1548_avg_rms vs Slug



Right In: 188.839 $\pm$ 0.347 χ^2 /NDF: 0.0/0

Left Out: 116.427 $\pm$ 0.020 χ^2 /NDF:1589669.4/24

Right Out: 1000.458 $\pm$ 1.159 χ^2 /NDF: 0.0/0

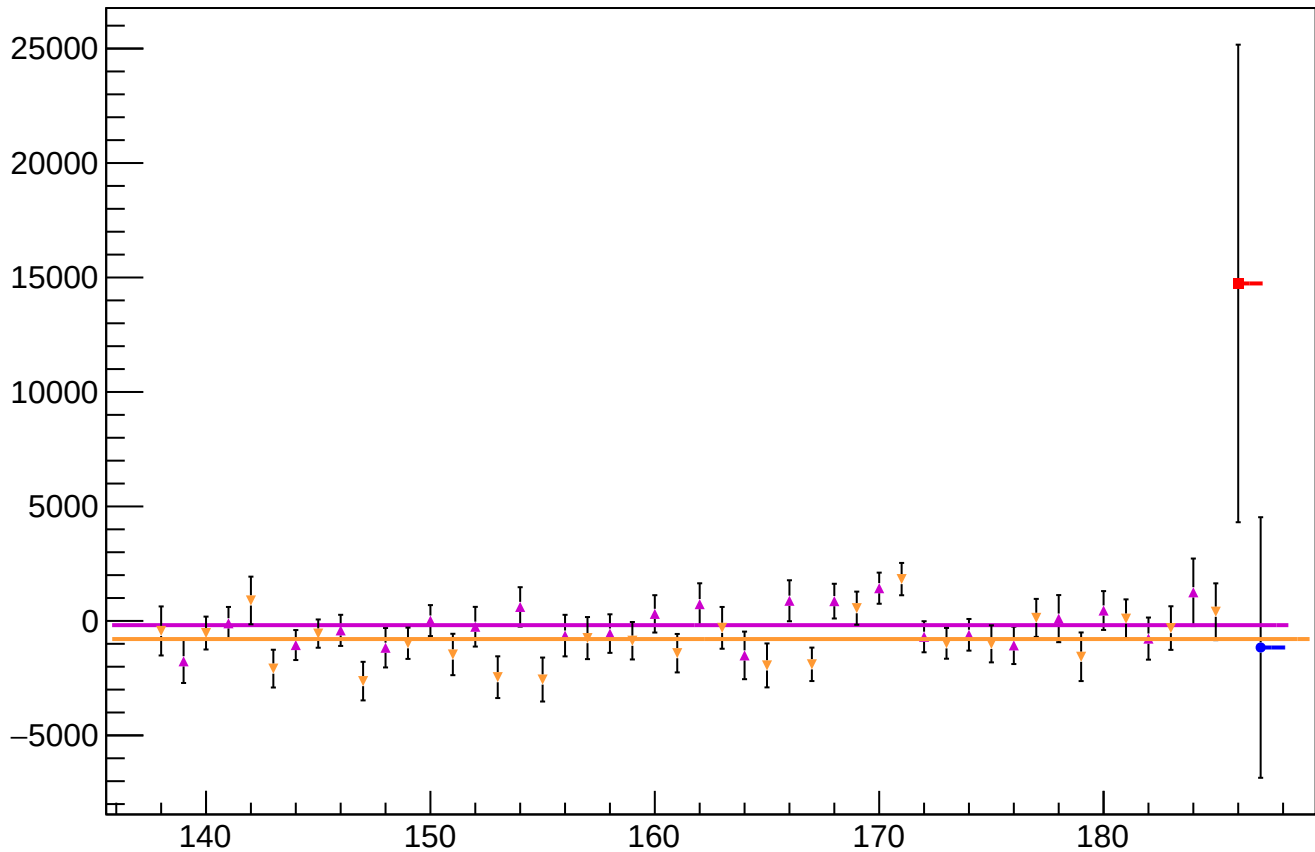
Left In: 118.822 $\pm$ 0.021 χ^2 /NDF:1289178.7/22

+ sign 116.664 $\pm$ 0.020 χ^2 /NDF: 1632960.6/25

All: 117.836 $\pm$ 0.014 χ^2 /NDF: 3508232.6/49

- sign 119.101 $\pm$ 0.021 χ^2 /NDF: 1868022.9/23

asym_sam_1548_avg_correction_mean vs Slug



Right In: -1161.362 $\pm$ 5691.023 χ^2 /NDF: 0.0/0

Left Out: -791.963 $\pm$ 165.971 χ^2 /NDF: 43.6/24

Right Out: 14740.074 $\pm$ 10429.677 χ^2 /NDF: 0.0/0

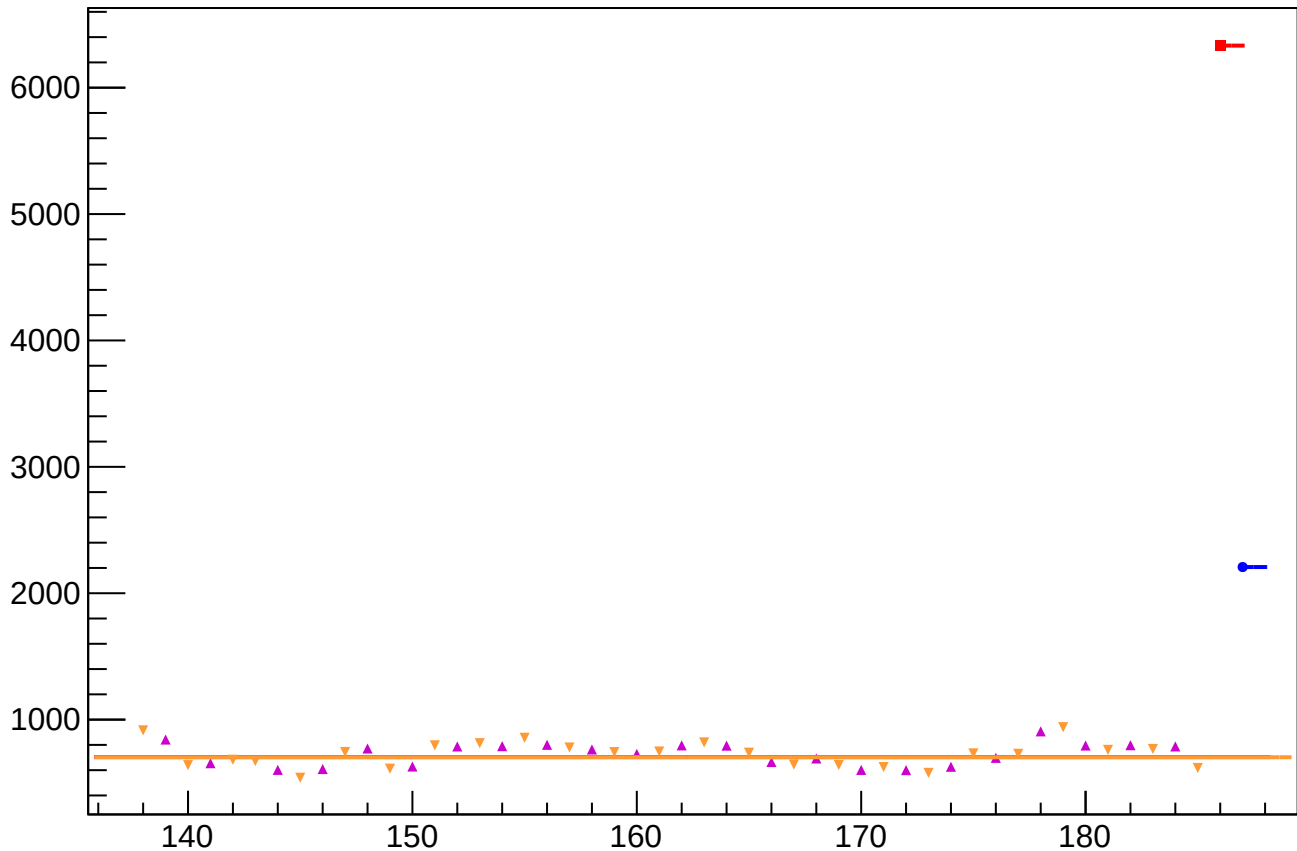
Left In: -185.191 $\pm$ 169.174 χ^2 /NDF: 23.4/22

+ sign -792.277 $\pm$ 165.900 χ^2 /NDF: 43.6/25

All: -492.700 $\pm$ 118.442 χ^2 /NDF: 75.7/49

- sign -181.265 $\pm$ 169.152 χ^2 /NDF: 25.5/23

asym_sam_1548_avg_correction_rms vs Slug



Right In: 2207.161 $\pm$ 4.024 χ^2 /NDF: 0.0/0

Left Out: 702.152 $\pm$ 0.117 χ^2 /NDF: 691552.2/24

Right Out: 6332.952 $\pm$ 7.375 χ^2 /NDF: 0.0/0

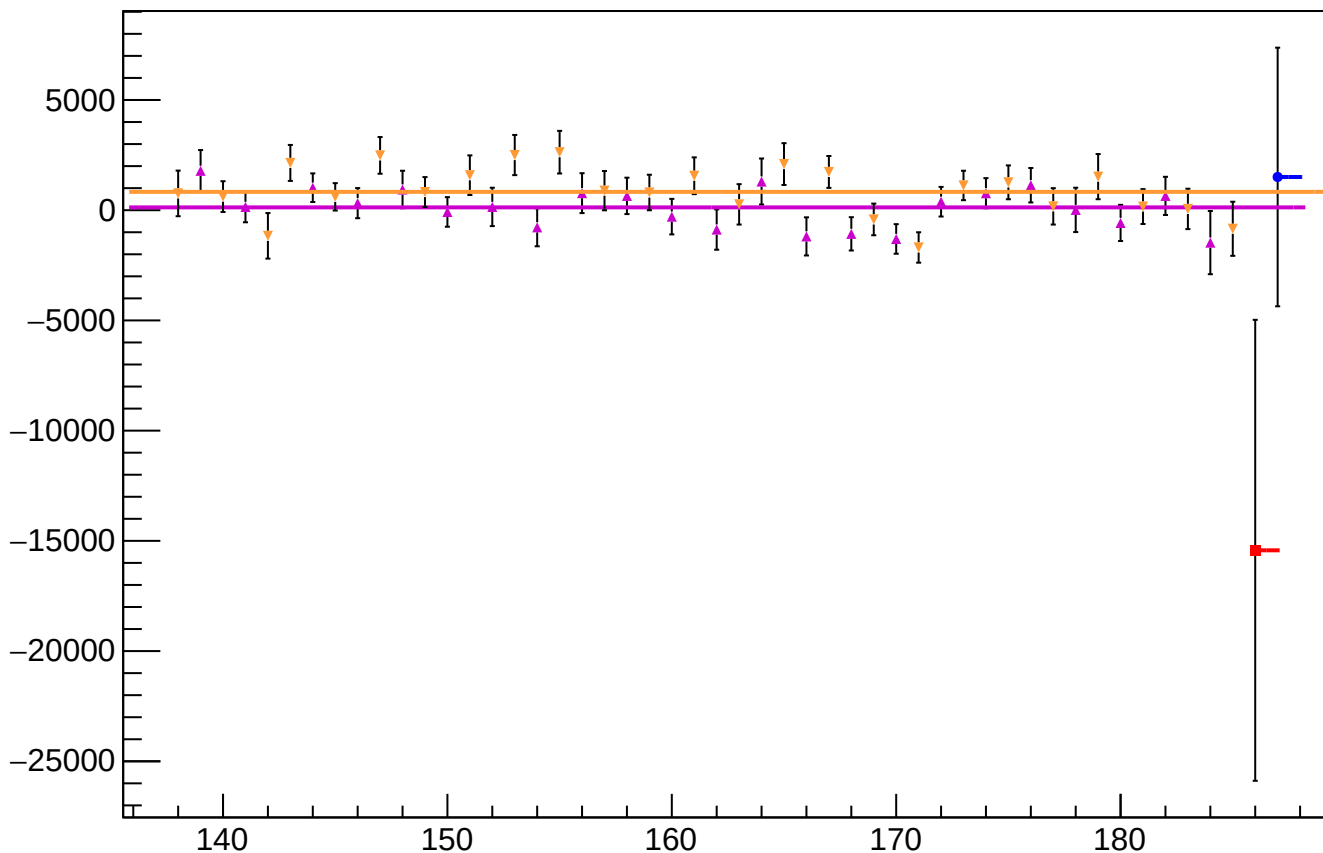
Left In: 703.710 $\pm$ 0.120 χ^2 /NDF: 533573.3/22

+ sign 703.431 $\pm$ 0.117 χ^2 /NDF: 831304.3/25

All: 704.294 $\pm$ 0.084 χ^2 /NDF: 1947458.5/49

- sign 705.190 $\pm$ 0.120 χ^2 /NDF: 1116043.8/23

asym_sam_1548_avg_mean vs Slug



Right In: 1506.366 $\pm$ 5866.523 χ^2 /NDF: 0.0/0

Left Out: 832.553 $\pm$ 163.428 χ^2 /NDF:43.8/24

Right Out: -15429.058 $\pm$ 10455.613 χ^2 /NDF: 0.0/0

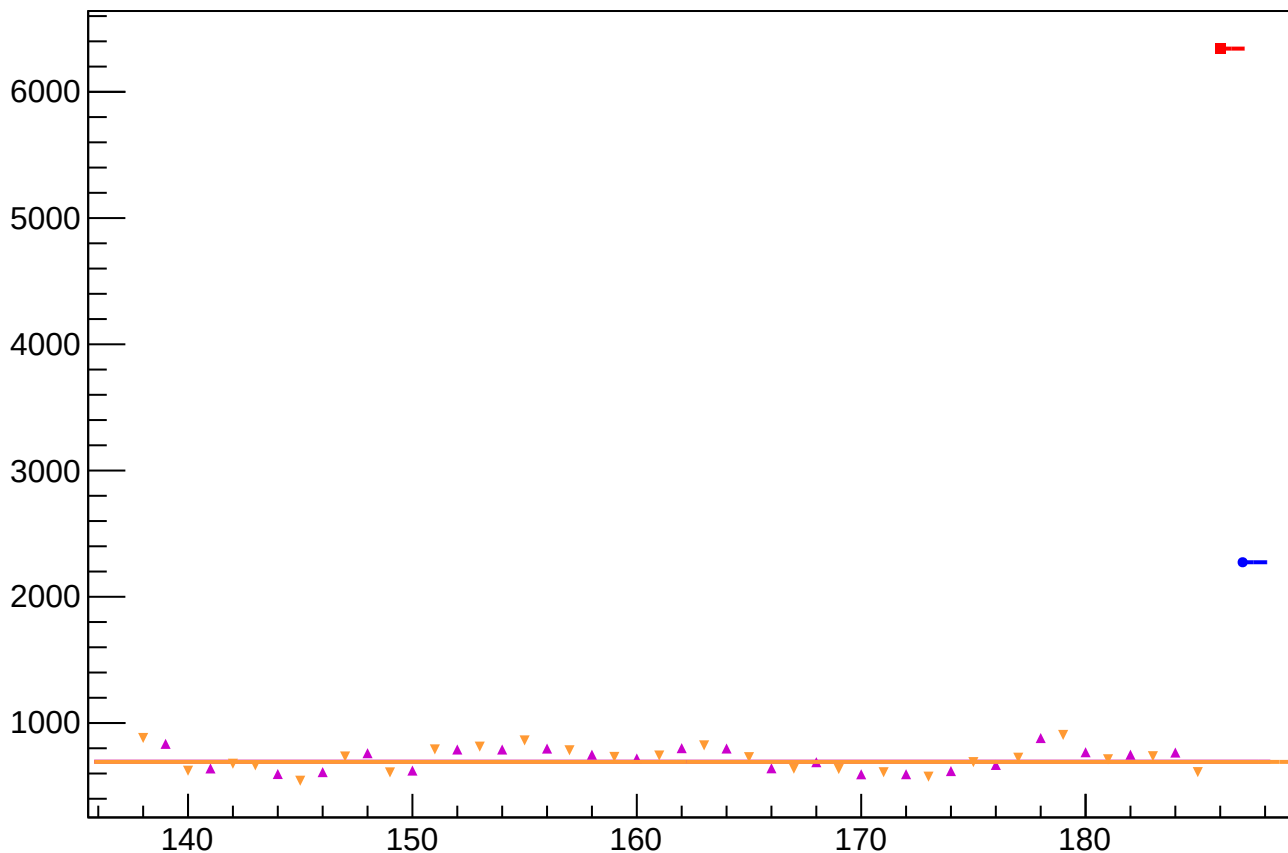
Left In: 128.120 $\pm$ 166.866 χ^2 /NDF:25.3/22

+ sign 833.076 $\pm$ 163.365 χ^2 /NDF: 43.8/25

All: 486.087 $\pm$ 116.727 χ^2 /NDF: 80.5/49

- sign 124.158 $\pm$ 166.844 χ^2 /NDF: 27.5/23

asym_sam_1548_avg_rms vs Slug



Right In: 2273.510+/-4.148 χ^2/NDF : 0.0/0

Left Out: 692.071+/-0.116 χ^2/NDF : 657636.6/24

Right Out: 6342.458+/-7.393 χ^2/NDF : 0.0/0

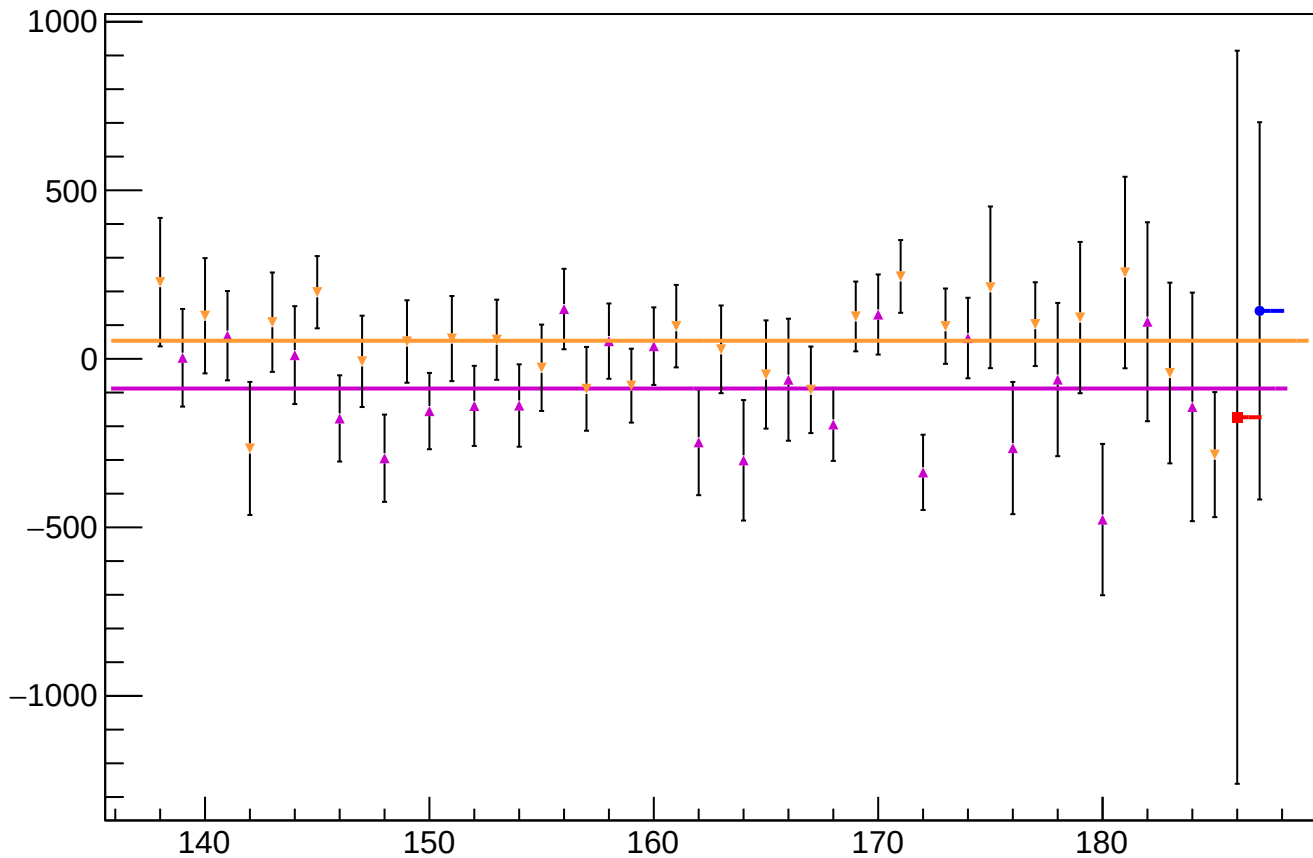
Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

+ sign 693.297+/-0.116 χ^2/NDF : 802860.1/25

All: 694.157+/-0.083 χ^2/NDF : 1907298.2/49

- sign 695.054+/-0.118 χ^2/NDF : 1104324.9/23

dit_asym_sam_3748_avg_mean vs Slug



Right In: 142.315 $\pm$ 559.659 χ^2 /NDF: 0.0/0

Left Out: 53.701 $\pm$ 27.462 χ^2 /NDF:19.2/24

Right Out: -173.249 $\pm$ 1087.496 χ^2 /NDF: 0.0/0

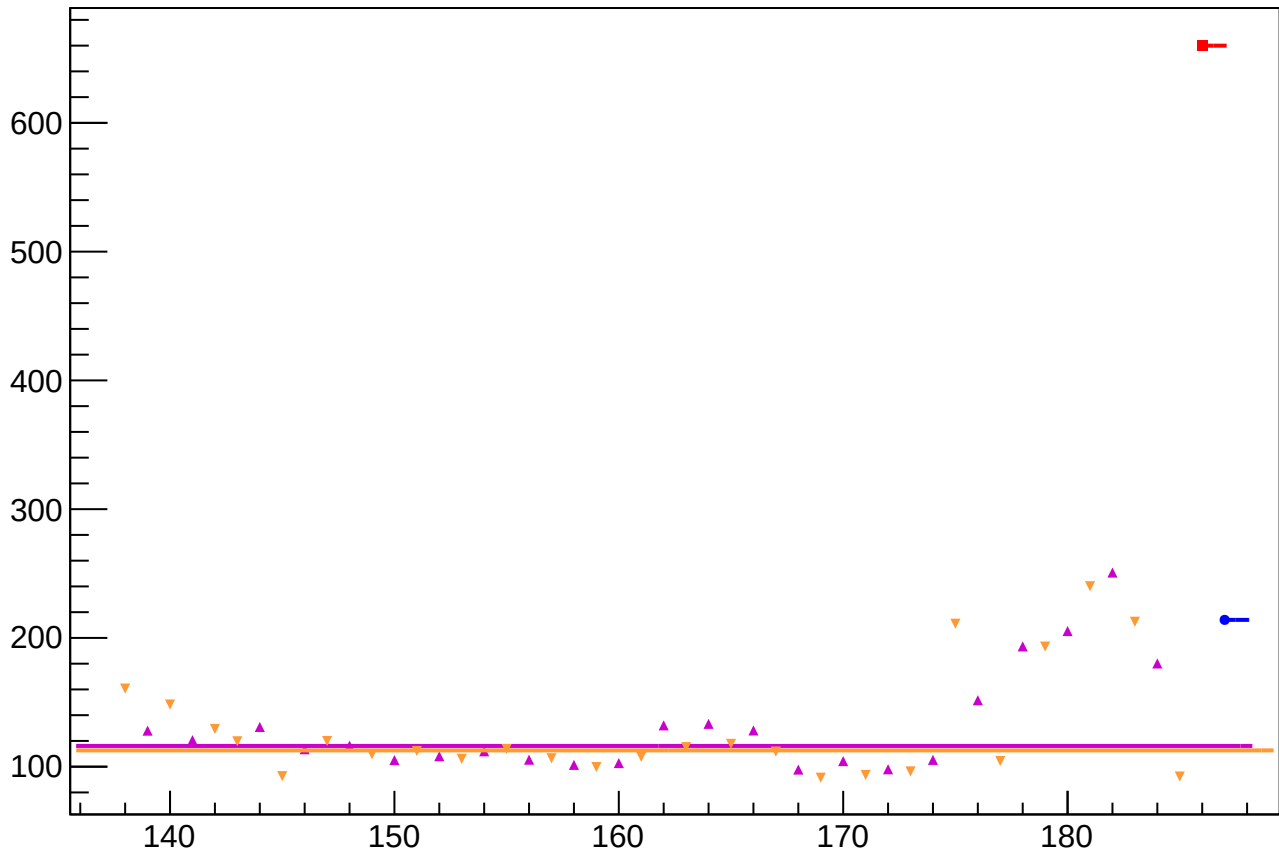
Left In: -88.085 $\pm$ 28.764 χ^2 /NDF:30.4/22

+ sign 53.914 $\pm$ 27.429 χ^2 /NDF: 19.2/25

All: -13.768 $\pm$ 19.847 χ^2 /NDF: 62.4/49

- sign -88.144 $\pm$ 28.754 χ^2 /NDF: 30.4/23

dit_asym_sam_3748_avg_rms vs Slug



Right In: 214.020 $\pm$ 0.396 χ^2 /NDF: 0.0/0

Left Out: 112.668 $\pm$ 0.019 χ^2 /NDF: 1851455.7/24

Right Out: 659.972 $\pm$ 0.769 χ^2 /NDF: 0.0/0

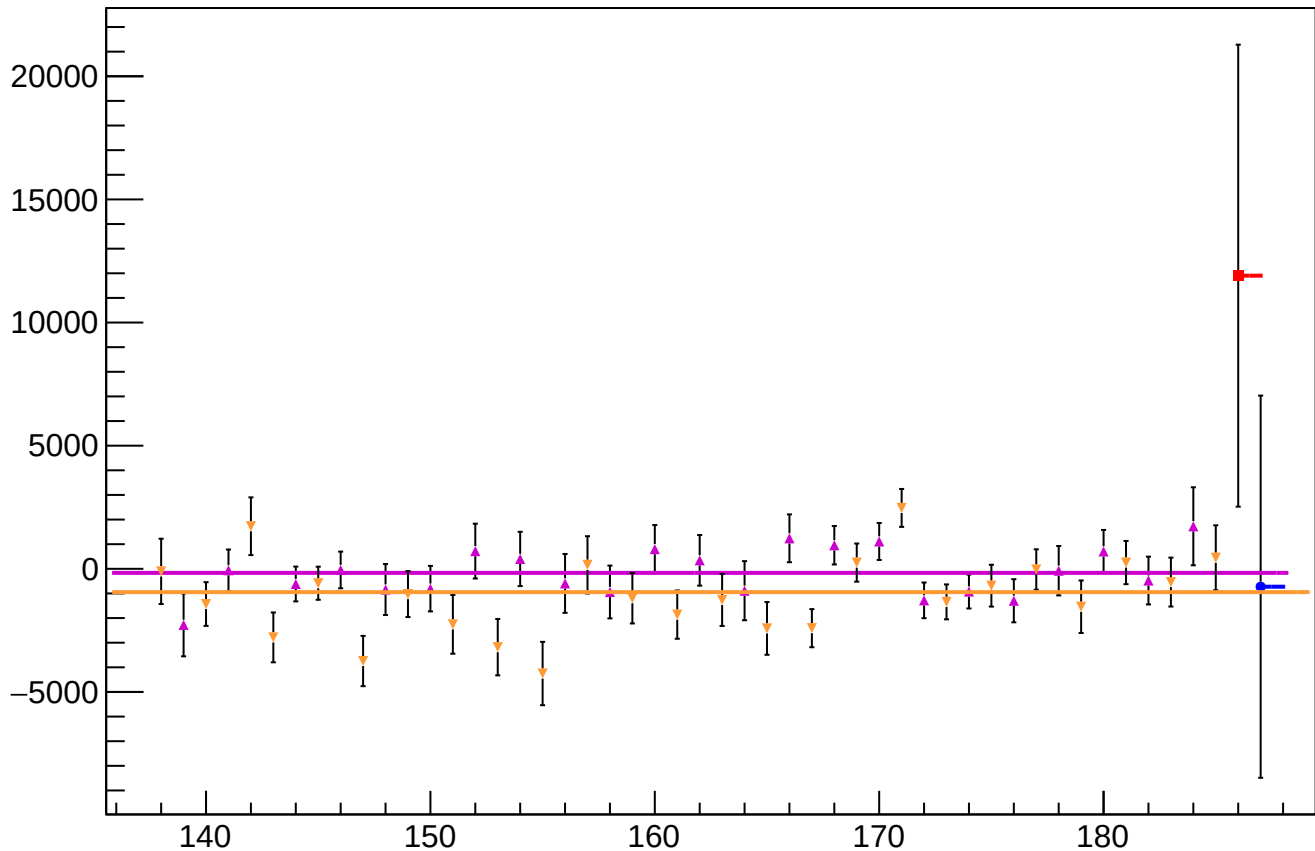
Left In: 116.108 $\pm$ 0.020 χ^2 /NDF: 1438879.3/22

+ sign 112.911 $\pm$ 0.019 χ^2 /NDF: 1916889.3/25

All: 114.615 $\pm$ 0.014 χ^2 /NDF: 3871832.4/49

- sign 116.488 $\pm$ 0.020 χ^2 /NDF: 1938742.9/23

asym_sam_3748_avg_correction_mean vs Slug



Right In: -726.191 ± 7759.842 χ^2/NDF : 0.0/0

Left Out: -946.412 ± 188.668 χ^2/NDF : 63.3/24

Right Out: 11903.398 ± 9379.927 χ^2/NDF : 0.0/0

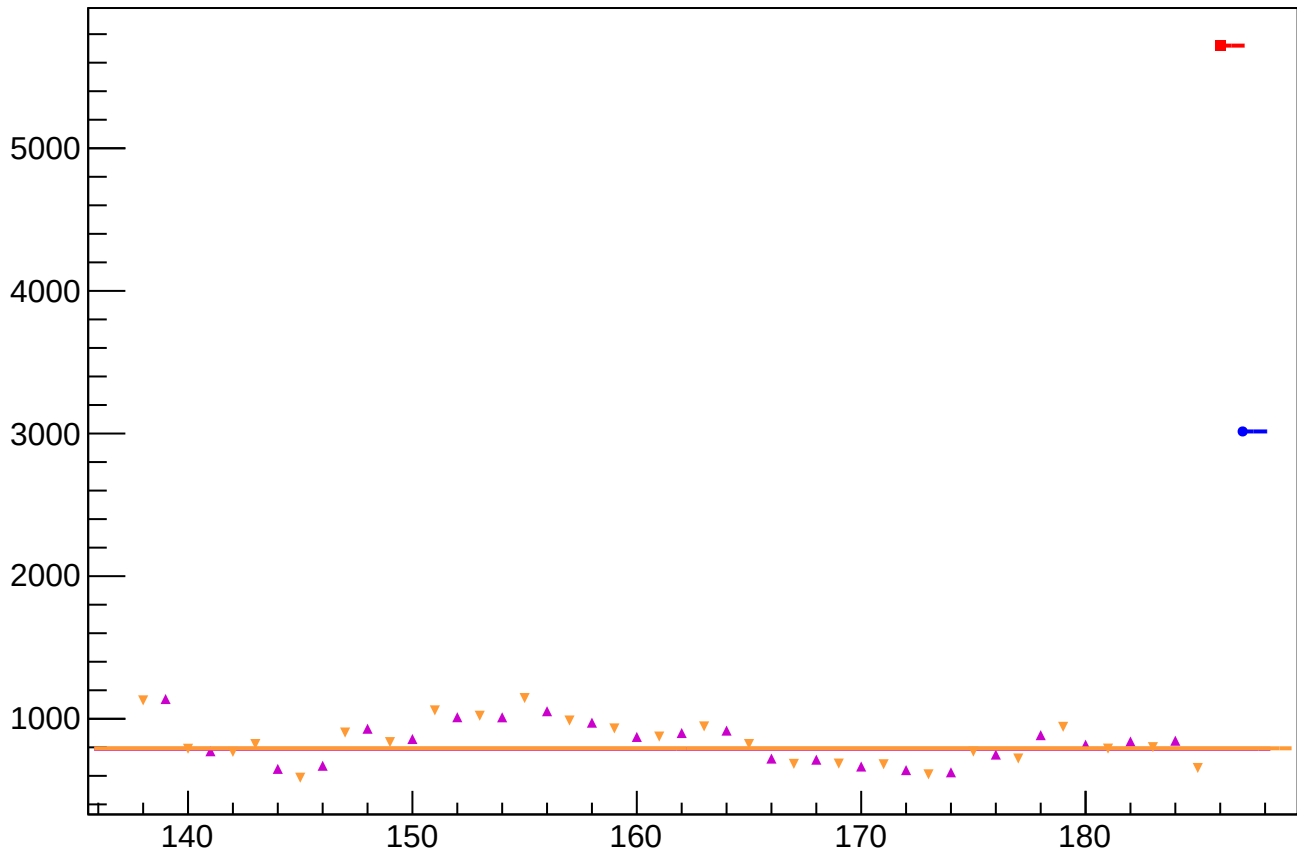
Left In: -164.202 ± 191.131 χ^2/NDF : 22.0/22

+ sign -946.282 ± 188.613 χ^2/NDF : 63.3/25

All: -557.875 ± 134.237 χ^2/NDF : 95.6/49

- sign -159.193 ± 191.091 χ^2/NDF : 23.7/23

asym_sam_3748_avg_correction_rms vs Slug



Right In: 3014.582 $\pm$ 5.487 χ^2 /NDF: 0.0/0

Left Out: 793.154 $\pm$ 0.133 χ^2 /NDF:1158856.1/24

Right Out: 5719.641 $\pm$ 6.633 χ^2 /NDF: 0.0/0

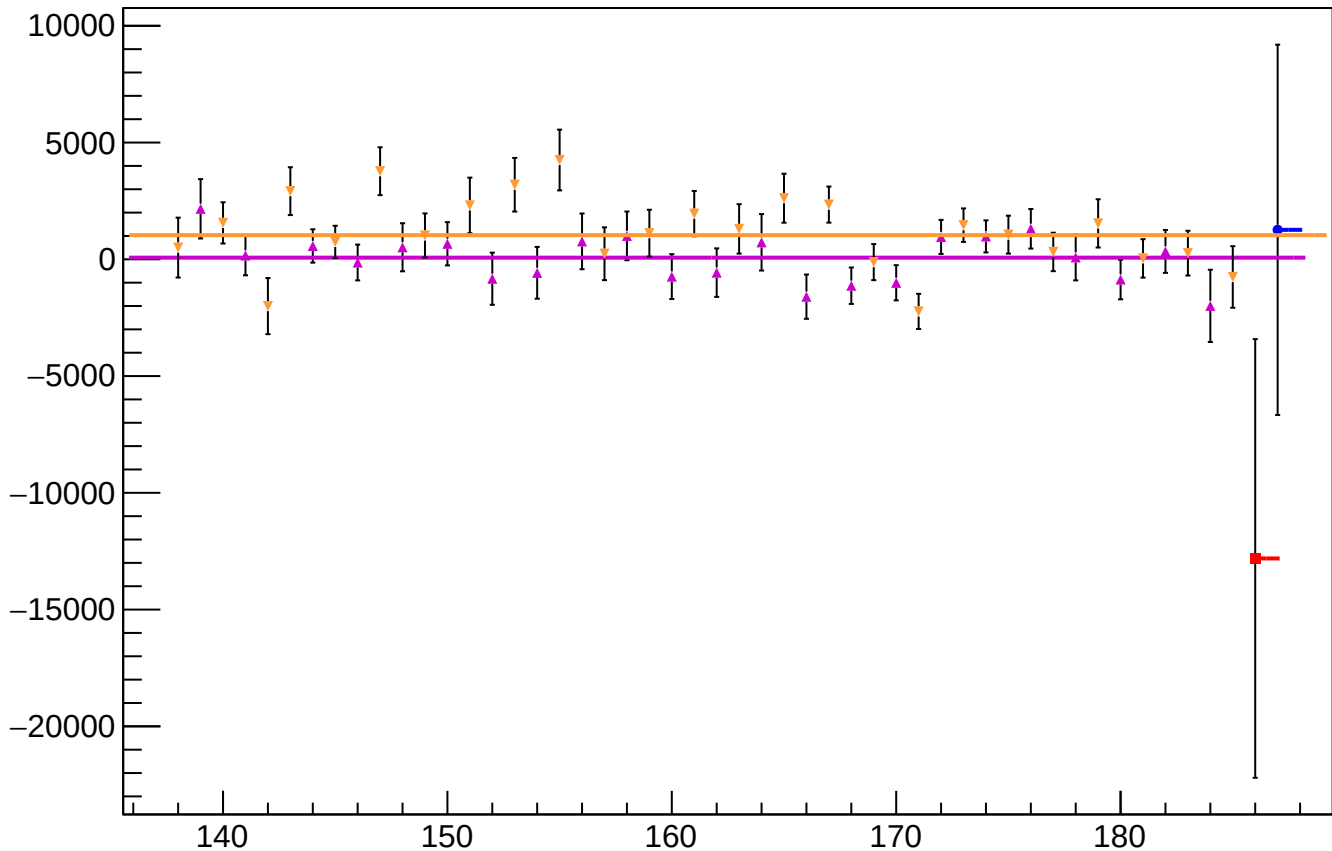
Left In: 789.699 $\pm$ 0.135 χ^2 /NDF:1019959.0/22

+ sign 794.467 $\pm$ 0.133 χ^2 /NDF: 1322662.9/25

All: 793.124 $\pm$ 0.095 χ^2 /NDF: 2895075.8/49

- sign 791.745 $\pm$ 0.135 χ^2 /NDF: 1572207.4/23

asym_sam_3748_avg_mean vs Slug



Right In: 1262.741 $\pm$ 7929.221 χ^2 /NDF: 0.0/0

Left Out: 1035.605 $\pm$ 187.244 χ^2 /NDF: 61.4/24

Right Out: -12810.123 $\pm$ 9393.692 χ^2 /NDF: 0.0/0

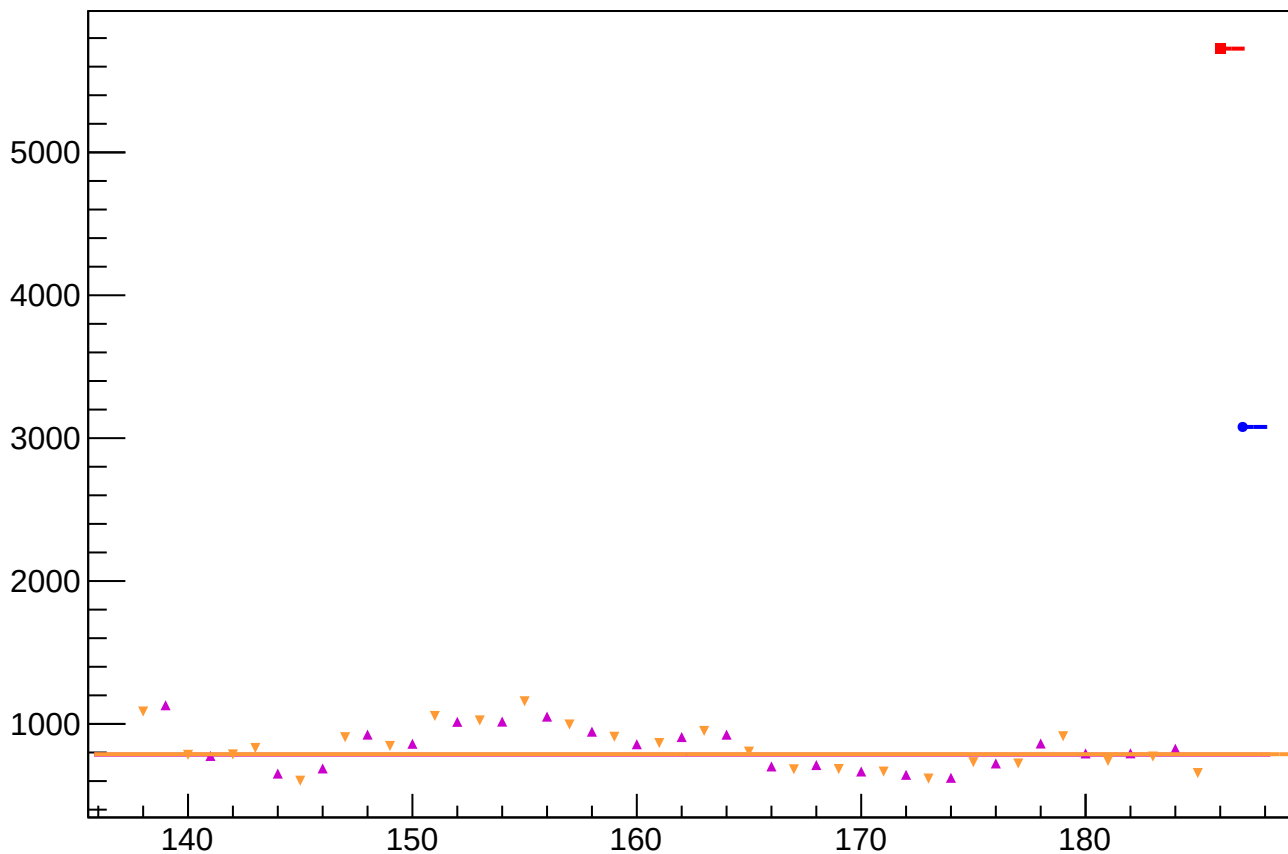
Left In: 70.852 $\pm$ 190.155 χ^2 /NDF: 23.4/22

+ sign 1035.731 $\pm$ 187.191 χ^2 /NDF: 61.4/25

All: 558.174 $\pm$ 133.386 χ^2 /NDF: 99.9/49

- sign 65.575 $\pm$ 190.116 χ^2 /NDF: 25.3/23

asym_sam_3748_avg_rms vs Slug



Right In: 3078.464 $\pm$ 5.607 χ^2 /NDF: 0.0/0

Left Out: 787.981 $\pm$ 0.132 χ^2 /NDF:1113986.0/24

Right Out: 5726.201 $\pm$ 6.642 χ^2 /NDF: 0.0/0

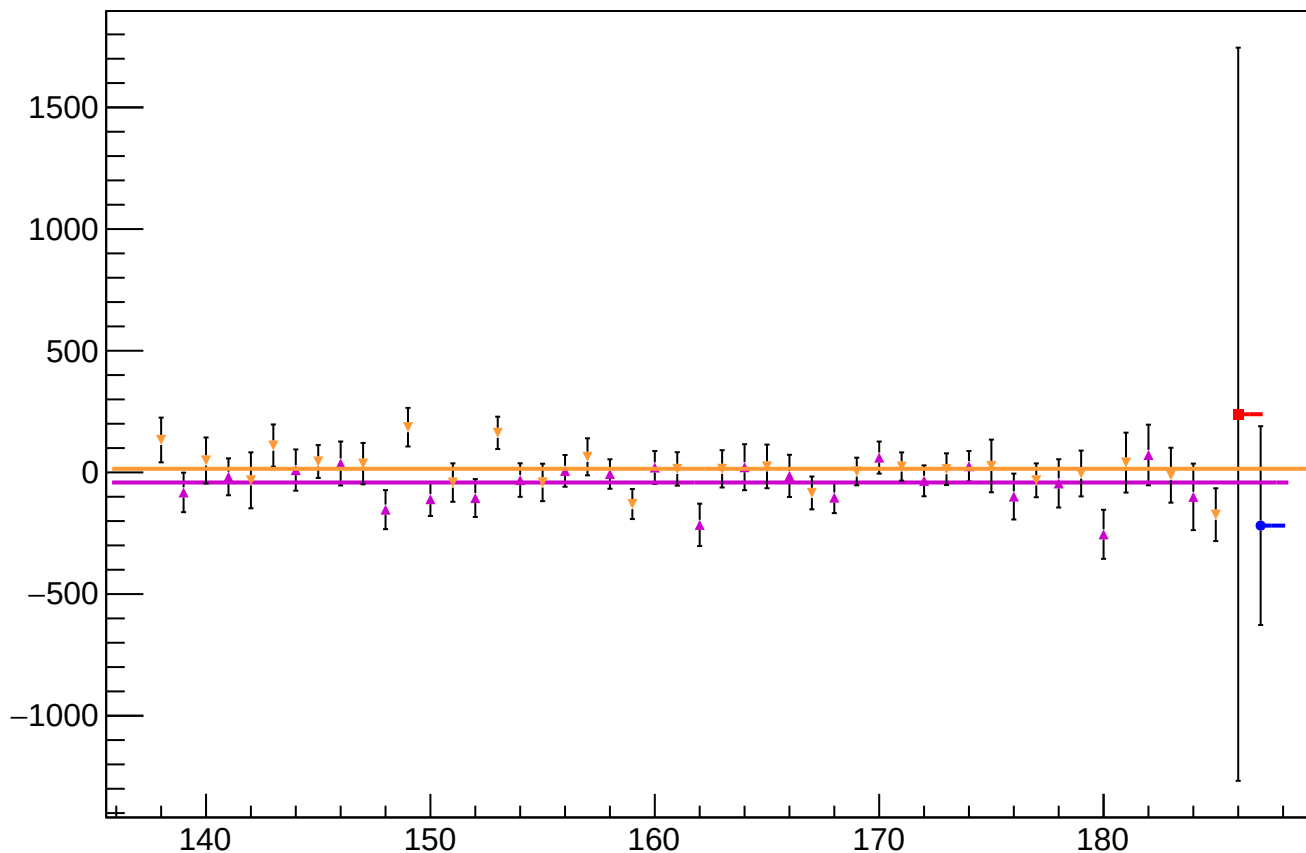
Left In: 785.179 $\pm$ 0.134 χ^2 /NDF:976942.0/22

+ sign 789.258 $\pm$ 0.132 χ^2 /NDF: 1280780.2/25

All: 788.246 $\pm$ 0.094 χ^2 /NDF: 2810952.7/49

- sign 787.203 $\pm$ 0.134 χ^2 /NDF: 1530053.8/23

dit_asym_sam_1526_avg_mean vs Slug



Right In: -218.640 ± 408.440 χ^2/NDF : 0.0/0

Left Out: 14.879 ± 15.529 χ^2/NDF : 25.8/24

Right Out: 239.061 ± 1506.387 χ^2/NDF : 0.0/0

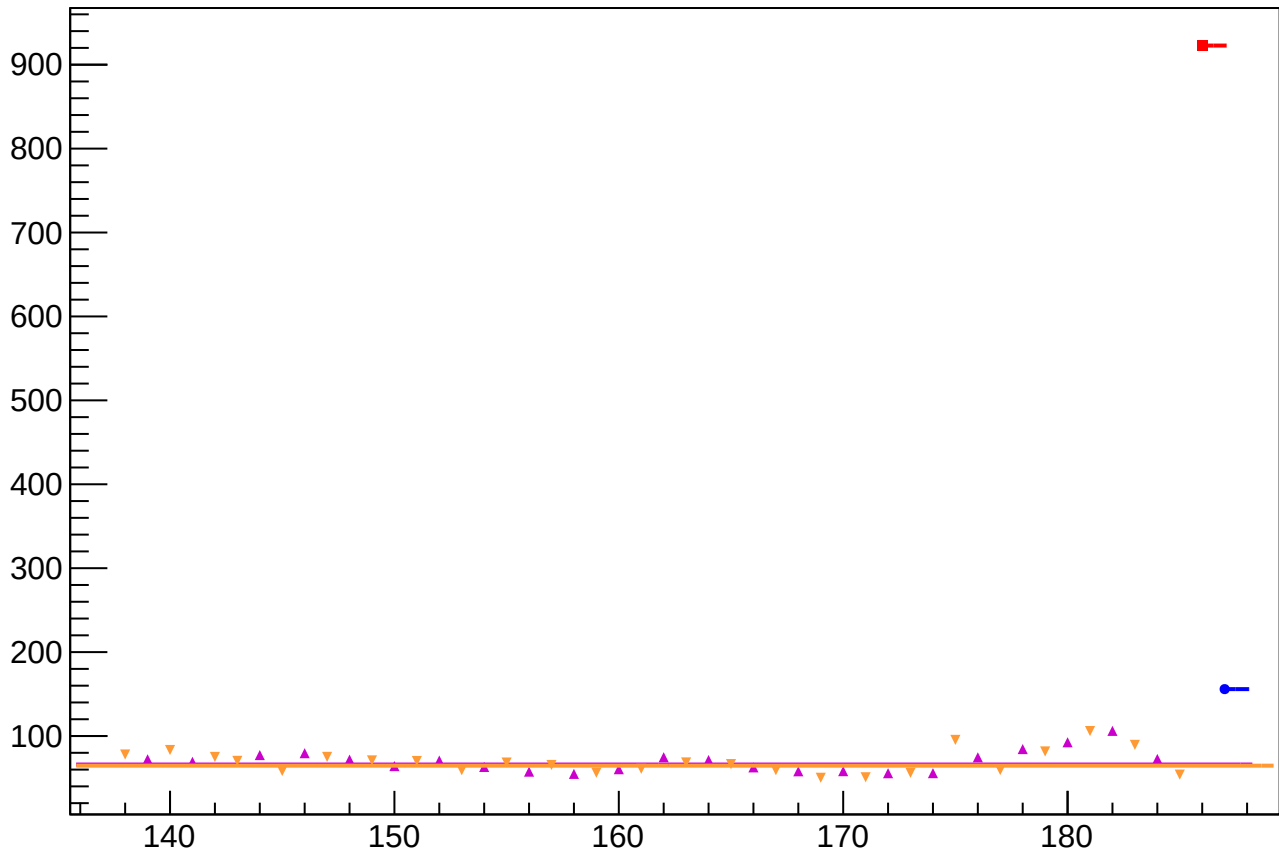
Left In: -41.428 ± 16.130 χ^2/NDF : 21.7/22

+ sign 14.542 ± 15.518 χ^2/NDF : 26.2/25

All: -12.347 ± 11.183 χ^2/NDF : 54.1/49

- sign -41.396 ± 16.129 χ^2/NDF : 21.7/23

dit_asym_sam_1526_avg_rms vs Slug



Right In: 155.887 $\pm$ 0.289 χ^2 /NDF: 0.0/0

Left Out: 64.680 $\pm$ 0.011 χ^2 /NDF:1150386.4/24

Right Out: 922.789 $\pm$ 1.065 χ^2 /NDF: 0.0/0

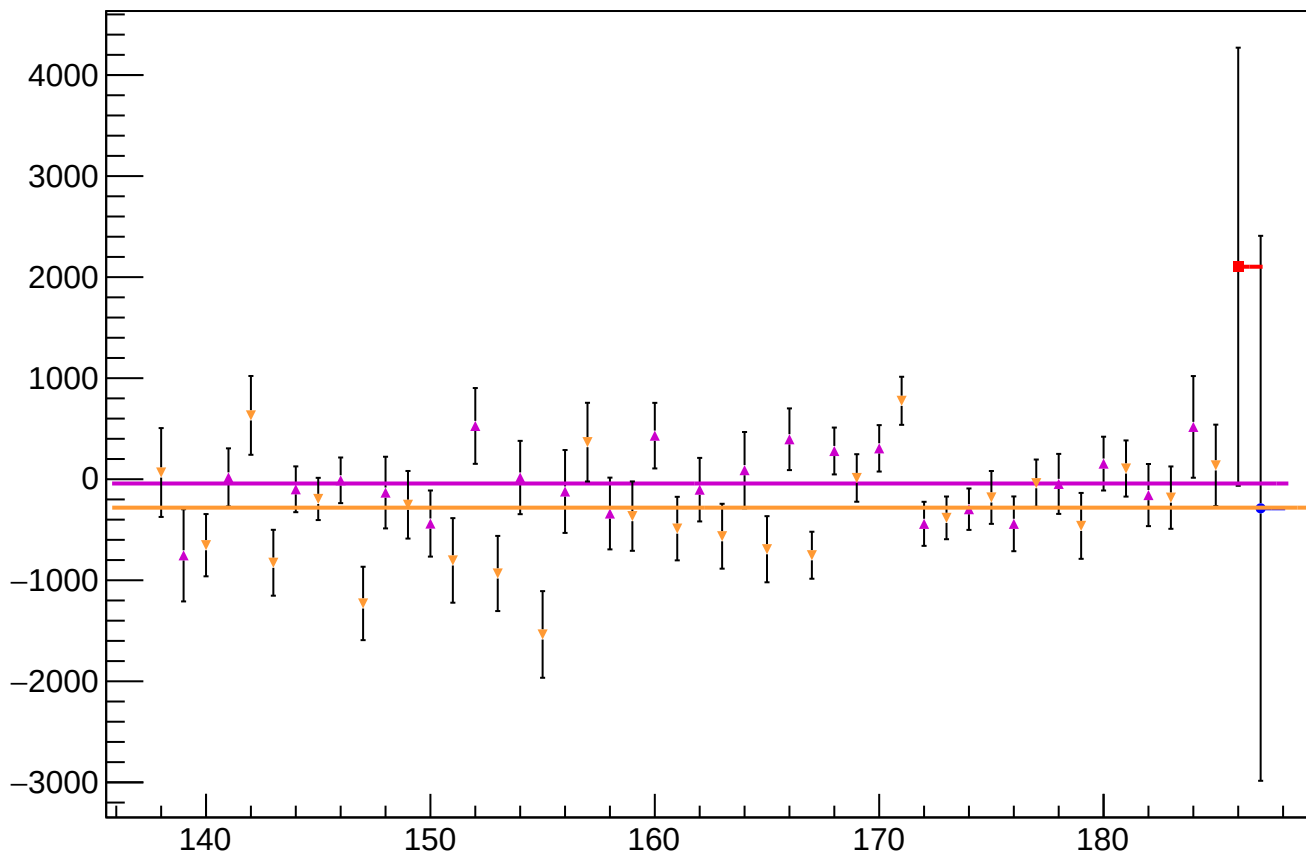
Left In: 66.016 $\pm$ 0.011 χ^2 /NDF:868433.2/22

+ sign 64.811 $\pm$ 0.011 χ^2 /NDF: 1249974.0/25

All: 65.438 $\pm$ 0.008 χ^2 /NDF: 2772085.1/49

- sign 66.114 $\pm$ 0.011 χ^2 /NDF: 1515335.9/23

asym_sam_1526_avg_correction_mean vs Slug



Right In: -287.925+/-2696.737 χ^2/NDF : 0.0/0

Left Out: -281.407+/-59.534 χ^2/NDF : 66.5/24

Right Out: 2102.942+/-2168.031 χ^2/NDF : 0.0/0

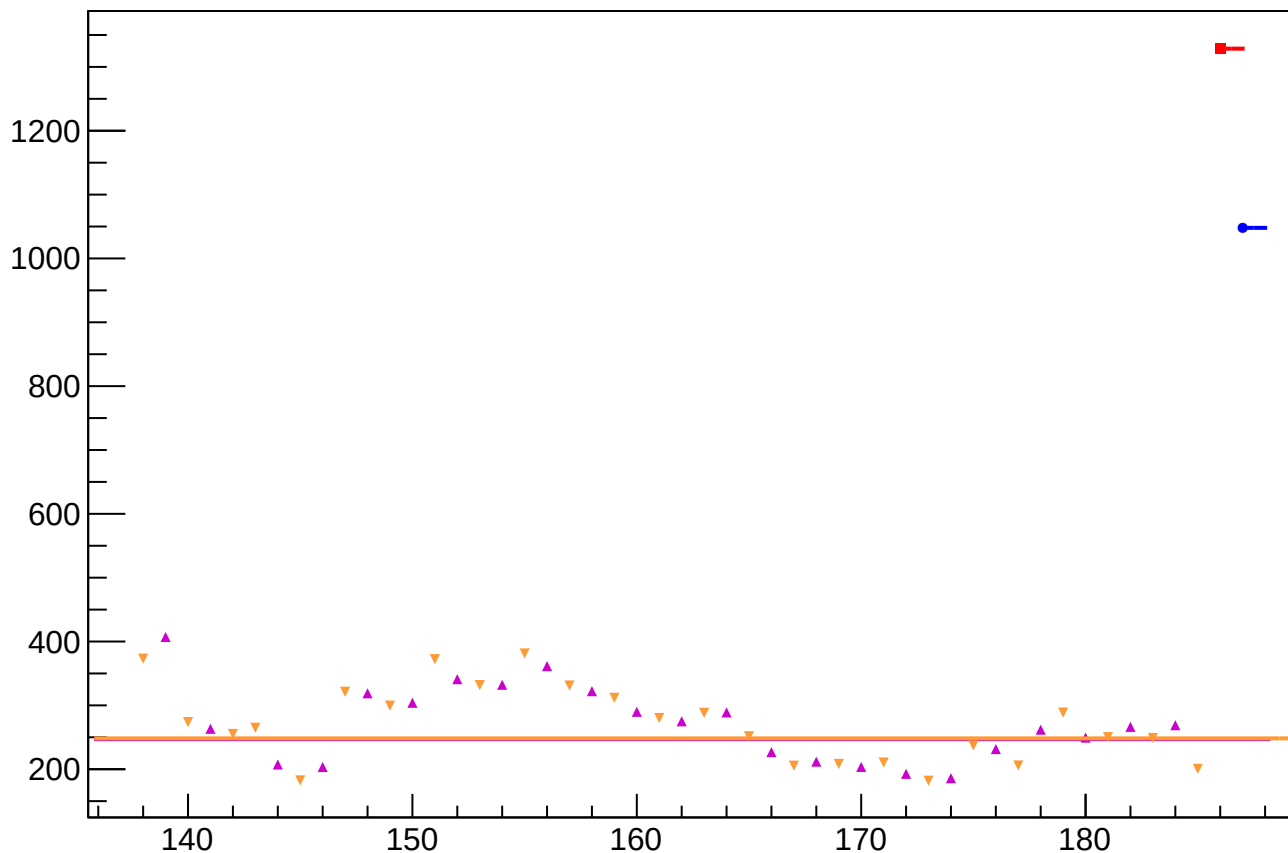
Left In: -42.368+/-60.284 χ^2/NDF : 24.7/22

+ sign -281.410+/-59.519 χ^2/NDF : 66.5/25

All: -162.550+/-42.346 χ^2/NDF : 100.2/49

- sign -40.710+/-60.261 χ^2/NDF : 25.7/23

asym_sam_1526_avg_correction_rms vs Slug



Right In: 1047.925 $\pm$ 1.907 χ^2 /NDF: 0.0/0

Left Out: 248.297 $\pm$ 0.042 χ^2 /NDF:1687698.9/24

Right Out: 1328.590 $\pm$ 1.533 χ^2 /NDF: 0.0/0

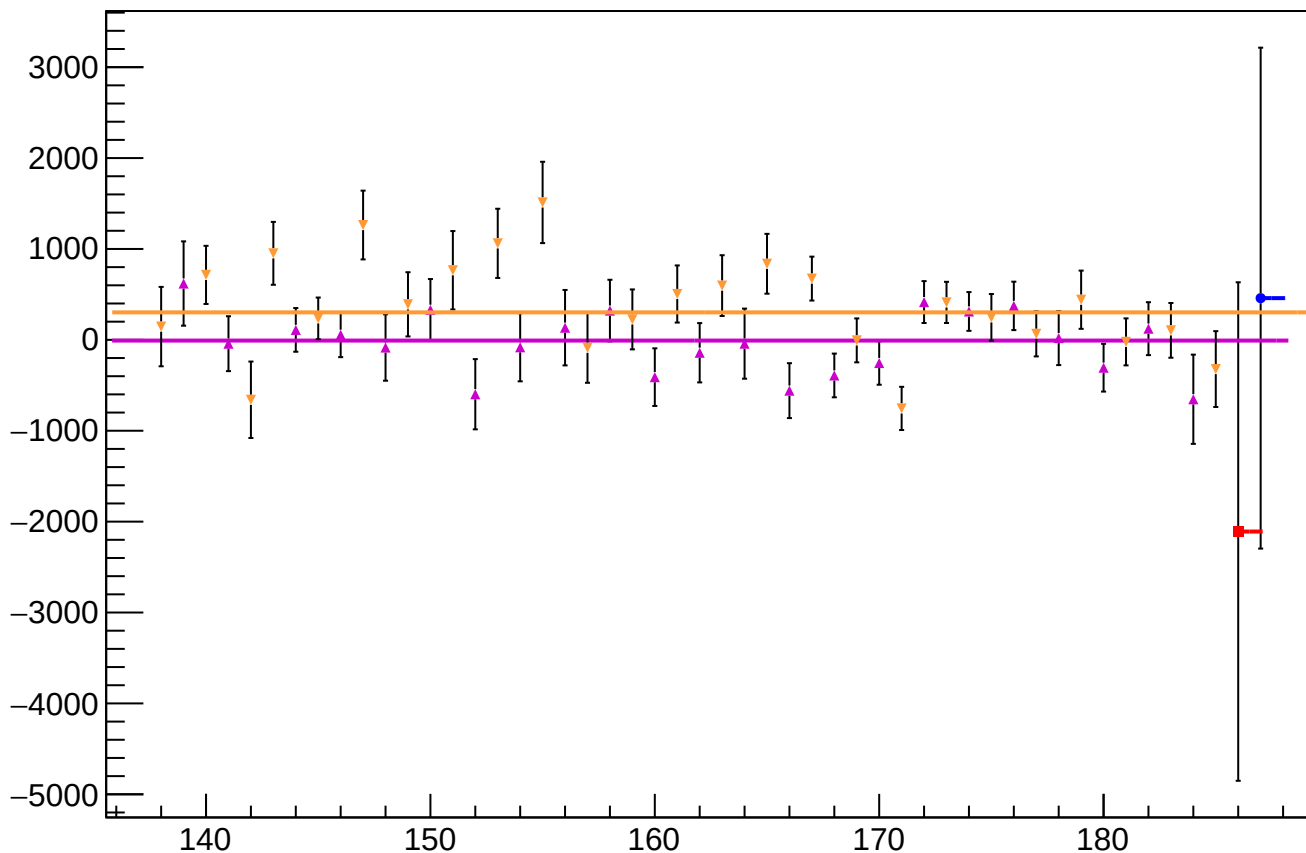
Left In: 247.105 $\pm$ 0.043 χ^2 /NDF:1539330.1/22

+ sign 248.686 $\pm$ 0.042 χ^2 /NDF: 1863457.7/25

All: 248.318 $\pm$ 0.030 χ^2 /NDF: 3900226.3/49

- sign 247.941 $\pm$ 0.043 χ^2 /NDF: 2036613.8/23

asym_sam_1526_avg_mean vs Slug



Right In: 459.027 $\pm$ 2755.597 χ^2 /NDF: 0.0/0

Left Out: 302.420 $\pm$ 60.991 χ^2 /NDF:63.8/24

Right Out: -2109.016 $\pm$ 2742.402 χ^2 /NDF: 0.0/0

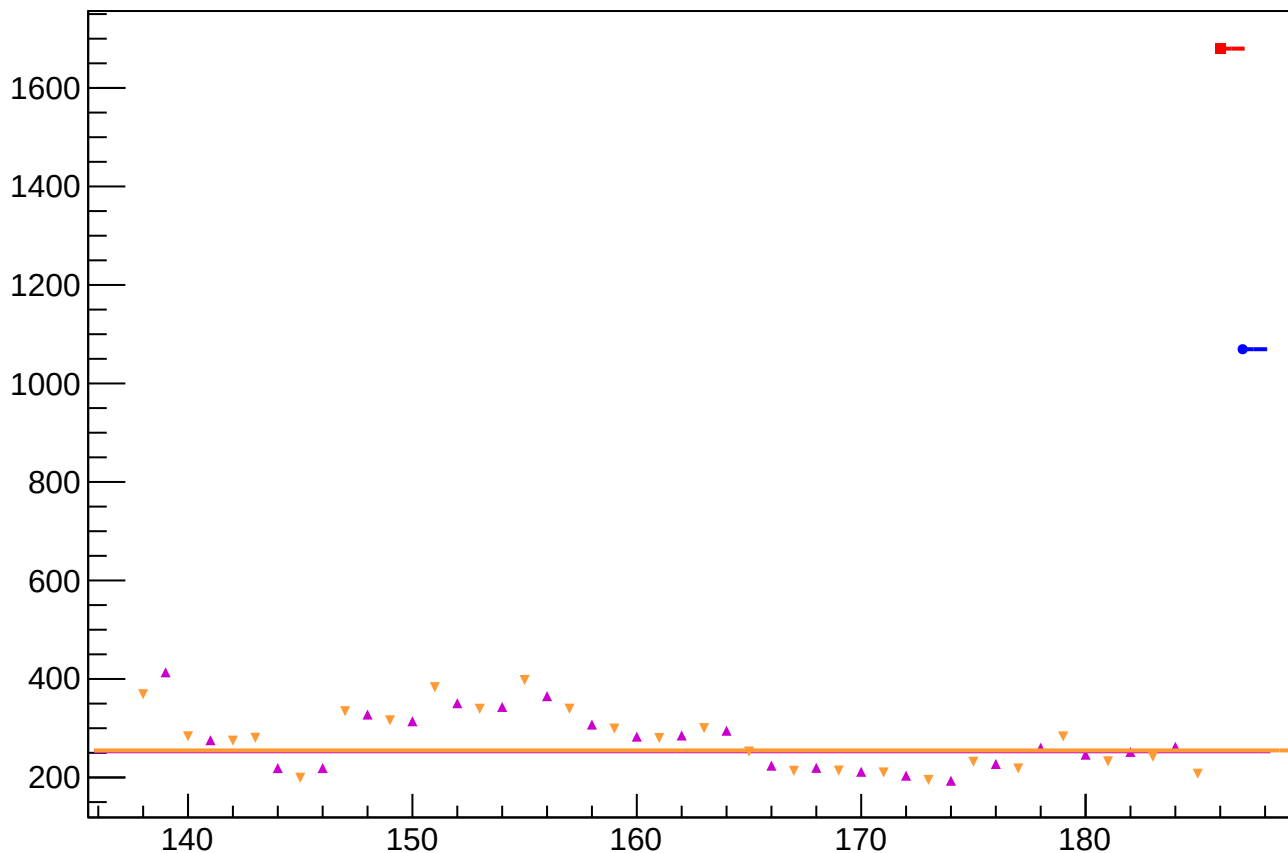
Left In: -7.915 $\pm$ 61.726 χ^2 /NDF:26.3/22

+ sign 302.497 $\pm$ 60.976 χ^2 /NDF: 63.8/25

All: 148.623 $\pm$ 43.374 χ^2 /NDF: 103.6/49

- sign -8.979 $\pm$ 61.710 χ^2 /NDF: 26.9/23

asym_sam_1526_avg_rms vs Slug



Right In: 1069.513 $\pm$ 1.949 χ^2 /NDF: 0.0/0

Left Out: 254.937 $\pm$ 0.043 χ^2 /NDF:1541708.7/24

Right Out: 1679.837 $\pm$ 1.939 χ^2 /NDF: 0.0/0

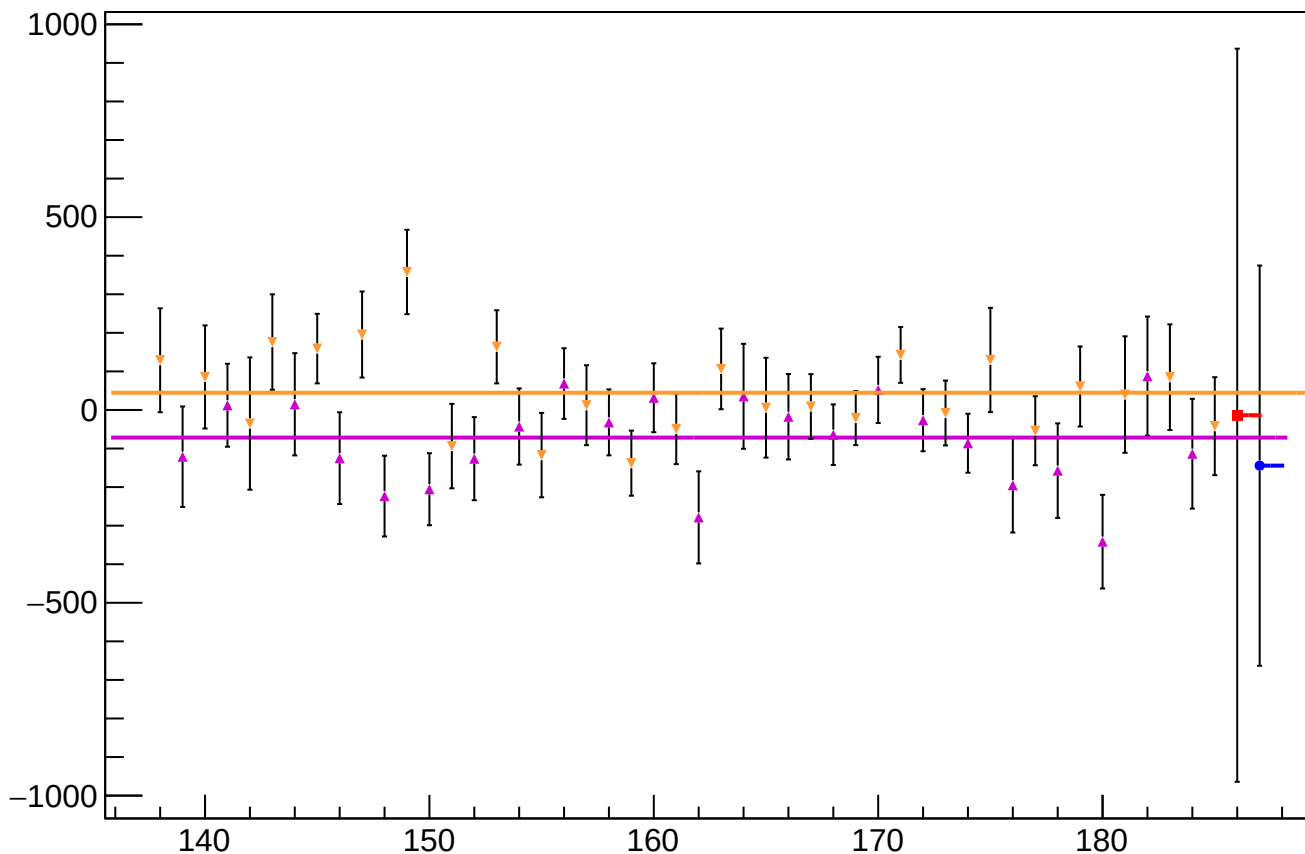
Left In: 253.170 $\pm$ 0.044 χ^2 /NDF:1366527.6/22

+ sign 255.336 $\pm$ 0.043 χ^2 /NDF: 1716390.9/25

All: 254.623 $\pm$ 0.031 χ^2 /NDF: 3624467.1/49

- sign 253.893 $\pm$ 0.044 χ^2 /NDF: 1907522.3/23

dit_asym_sam_3726_avg_mean vs Slug



Right In: -144.367 ± 518.899 χ^2/NDF : 0.0/0

Left Out: 44.746 ± 20.460 χ^2/NDF : 30.5/24

Right Out: -13.660 ± 950.509 χ^2/NDF : 0.0/0

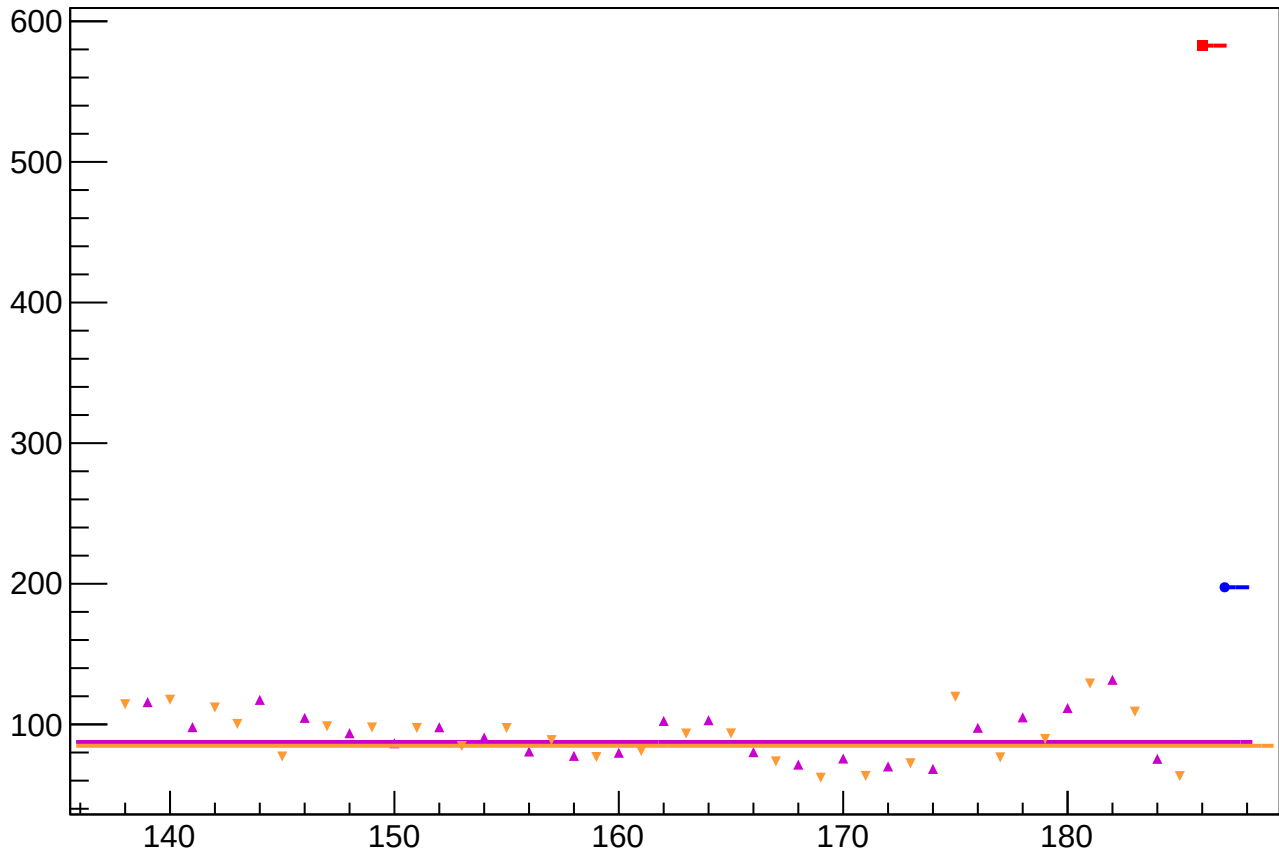
Left In: -71.620 ± 21.469 χ^2/NDF : 23.7/22

+ sign 44.452 ± 20.444 χ^2/NDF : 30.7/25

All: -10.748 ± 14.803 χ^2/NDF : 69.7/49

- sign -71.591 ± 21.463 χ^2/NDF : 23.7/23

dit_asym_sam_3726_avg_rms vs Slug



Right In: 197.508 $\pm$ 0.367 χ^2 /NDF: 0.0/0

Left Out: 84.793 $\pm$ 0.014 χ^2 /NDF:1382881.3/24

Right Out: 582.703 $\pm$ 0.672 χ^2 /NDF: 0.0/0

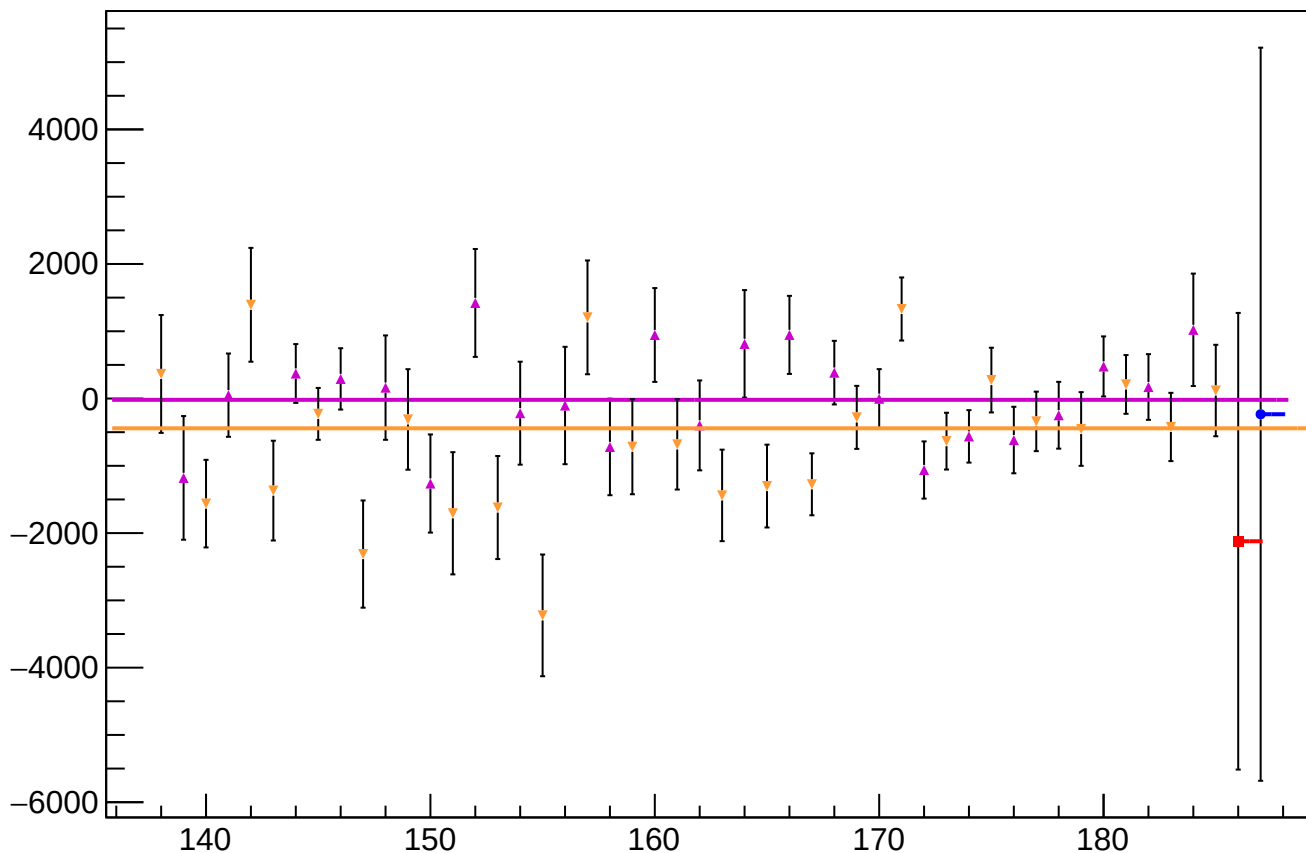
Left In: 87.477 $\pm$ 0.015 χ^2 /NDF:1056450.2/22

+ sign 84.968 $\pm$ 0.014 χ^2 /NDF: 1477104.8/25

All: 86.282 $\pm$ 0.010 χ^2 /NDF: 3093549.5/49

- sign 87.730 $\pm$ 0.015 χ^2 /NDF: 1599078.1/23

asym_sam_3726_avg_correction_mean vs Slug



Right In: -233.311+/-5448.451 χ^2/NDF : 0.0/0

Left Out: -442.284+/-115.425 χ^2/NDF :60.9/24

Right Out: -2121.147+/-3393.869 χ^2/NDF : 0.0/0

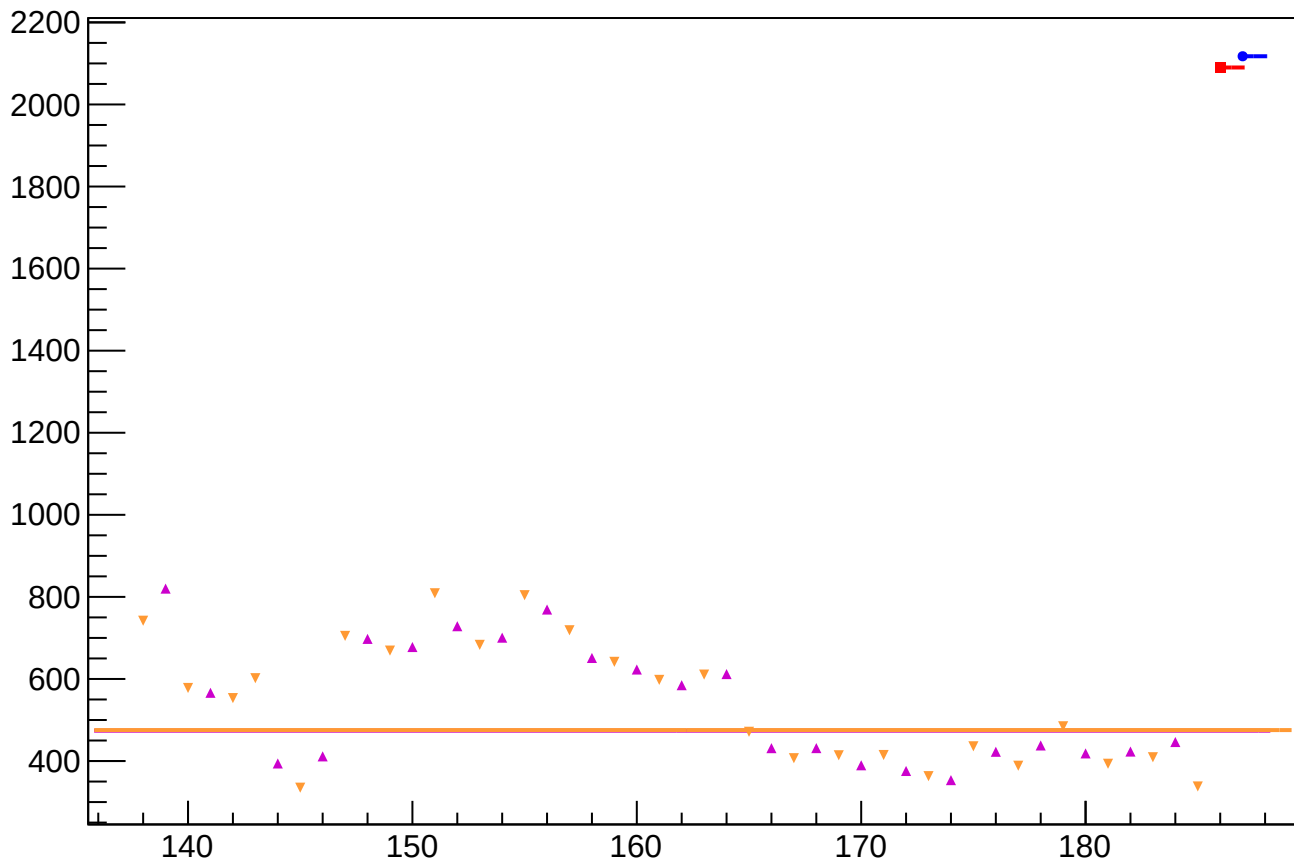
Left In: -19.322+/-116.820 χ^2/NDF :29.5/22

+ sign -442.191+/-115.399 χ^2/NDF : 60.9/25

All: -234.449+/-82.073 χ^2/NDF : 97.4/49

- sign -21.809+/-116.751 χ^2/NDF : 29.9/23

asym_sam_3726_avg_correction_rms vs Slug



Right In: 2117.477 $\pm$ 3.853 χ^2 /NDF: 0.0/0

Left Out: 475.415 $\pm$ 0.082 χ^2 /NDF:2509706.1/24

Right Out: 2090.085 $\pm$ 2.400 χ^2 /NDF: 0.0/0

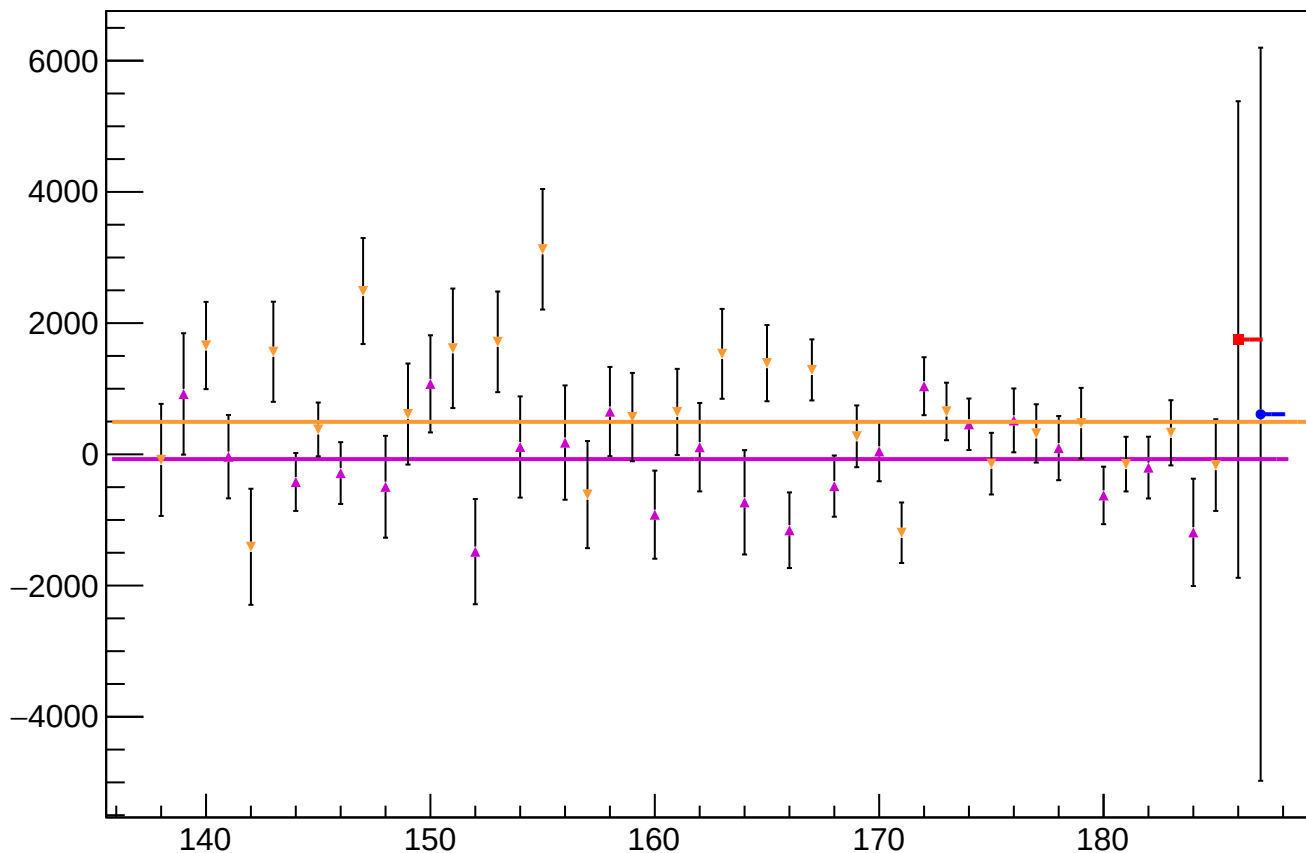
Left In: 473.947 $\pm$ 0.083 χ^2 /NDF:2174476.6/22

+ sign 476.152 $\pm$ 0.082 χ^2 /NDF: 2691286.1/25

All: 476.007 $\pm$ 0.058 χ^2 /NDF: 5318752.9/49

- sign 475.859 $\pm$ 0.083 χ^2 /NDF: 2627460.4/23

asym_sam_3726_avg_mean vs Slug



Right In: 611.320 ± 5587.050 χ^2/NDF : 0.0/0

Left Out: 495.259 ± 115.521 χ^2/NDF : 57.2/24

Right Out: 1750.016 ± 3632.106 χ^2/NDF : 0.0/0

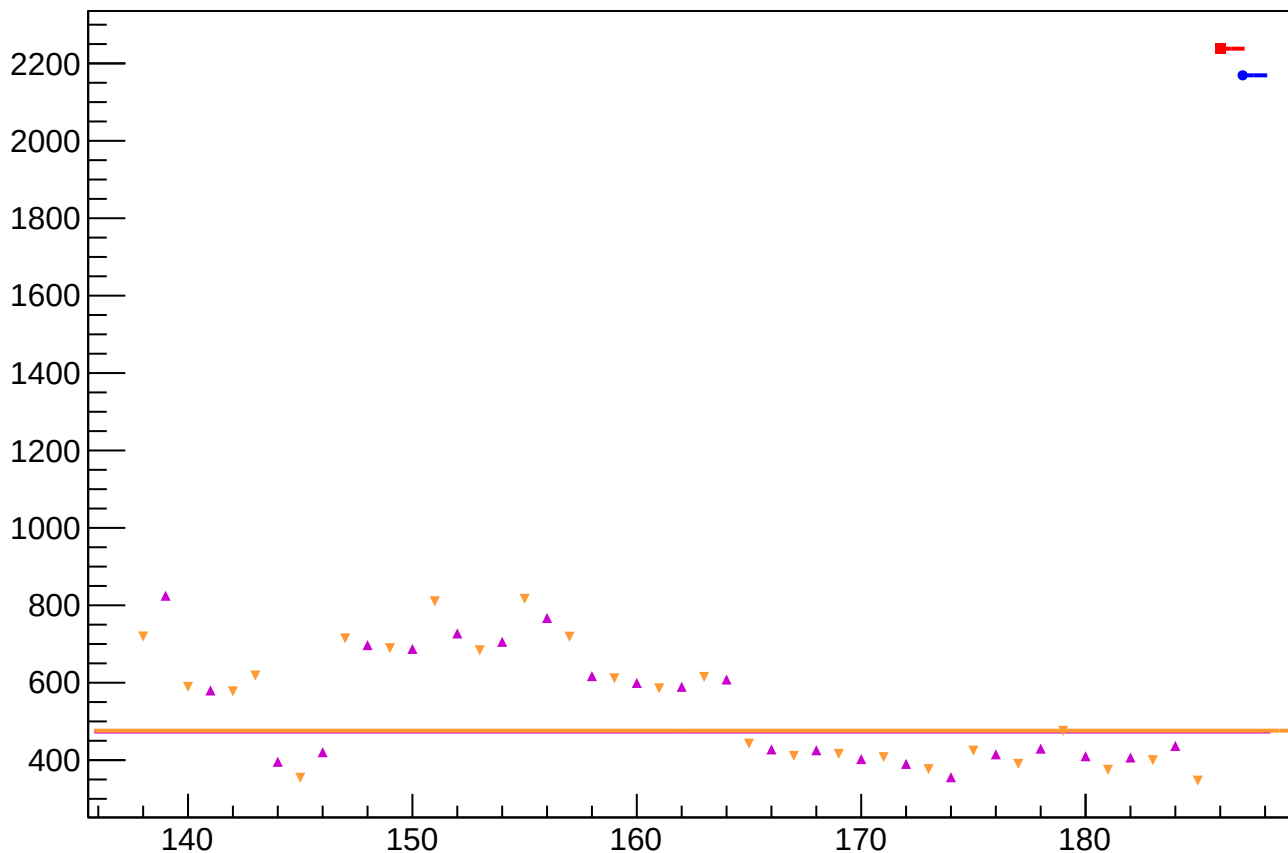
Left In: -72.627 ± 116.927 χ^2/NDF : 29.1/22

+ sign 495.309 ± 115.497 χ^2/NDF : 57.2/25

All: 215.622 ± 82.149 χ^2/NDF : 98.3/49

- sign -70.740 ± 116.867 χ^2/NDF : 29.3/23

asym_sam_3726_avg_rms vs Slug



Right In: 2169.209+/-3.951 χ^2/NDF : 0.0/0

Left Out: 476.057+/-0.082 χ^2/NDF : 2461838.6/24

Right Out: 2238.098+/-2.568 χ^2/NDF : 0.0/0

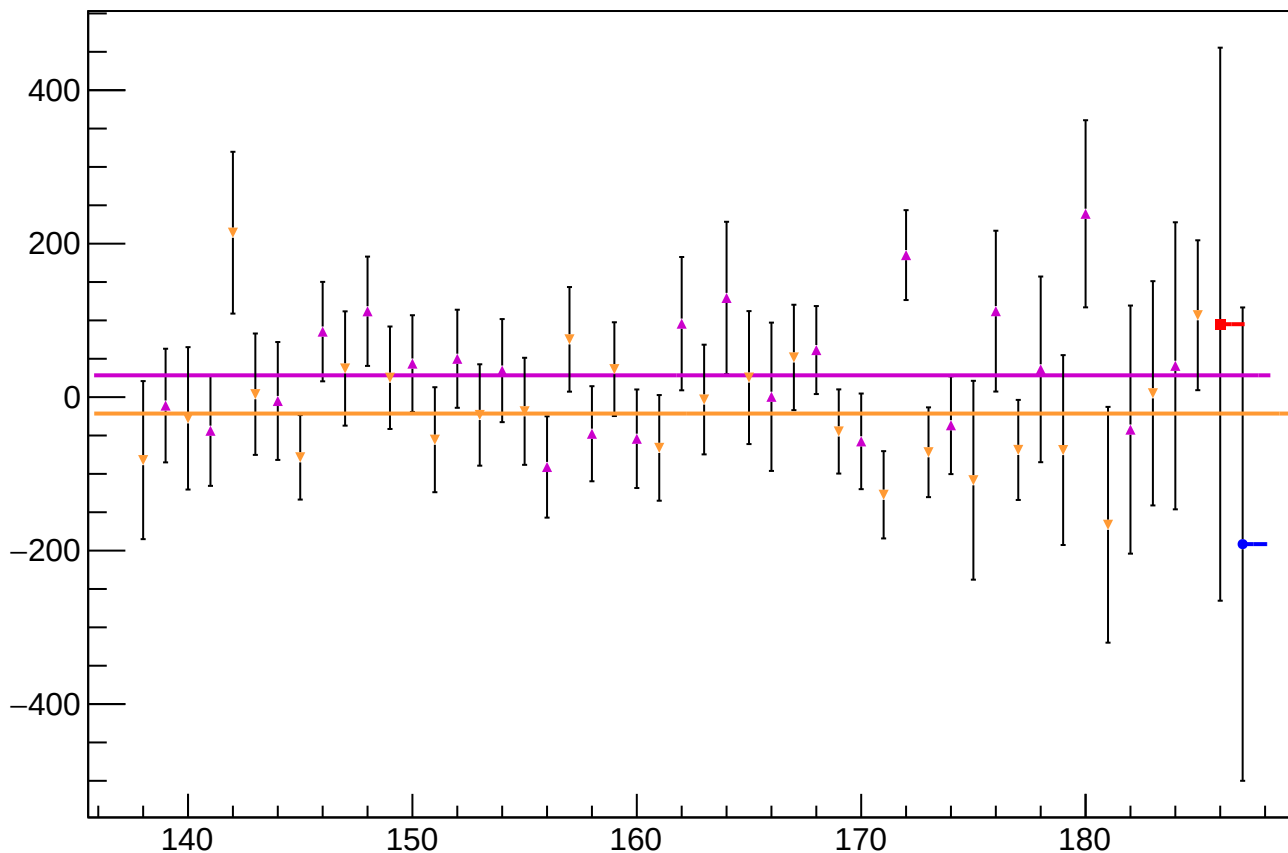
Left In: 473.824+/-0.083 χ^2/NDF : 2113753.1/22

+ sign 476.780+/-0.082 χ^2/NDF : 2645438.1/25

All: 476.222+/-0.058 χ^2/NDF : 5230692.1/49

- sign 475.650+/-0.083 χ^2/NDF : 2585159.4/23

dit_asym_sam_15_48_dd_mean vs Slug



Right In: -191.542 ± 308.432 χ^2/NDF : 0.0/0

Left Out: -21.397 ± 14.800 χ^2/NDF : 20.9/24

Right Out: 95.055 ± 360.357 χ^2/NDF : 0.0/0

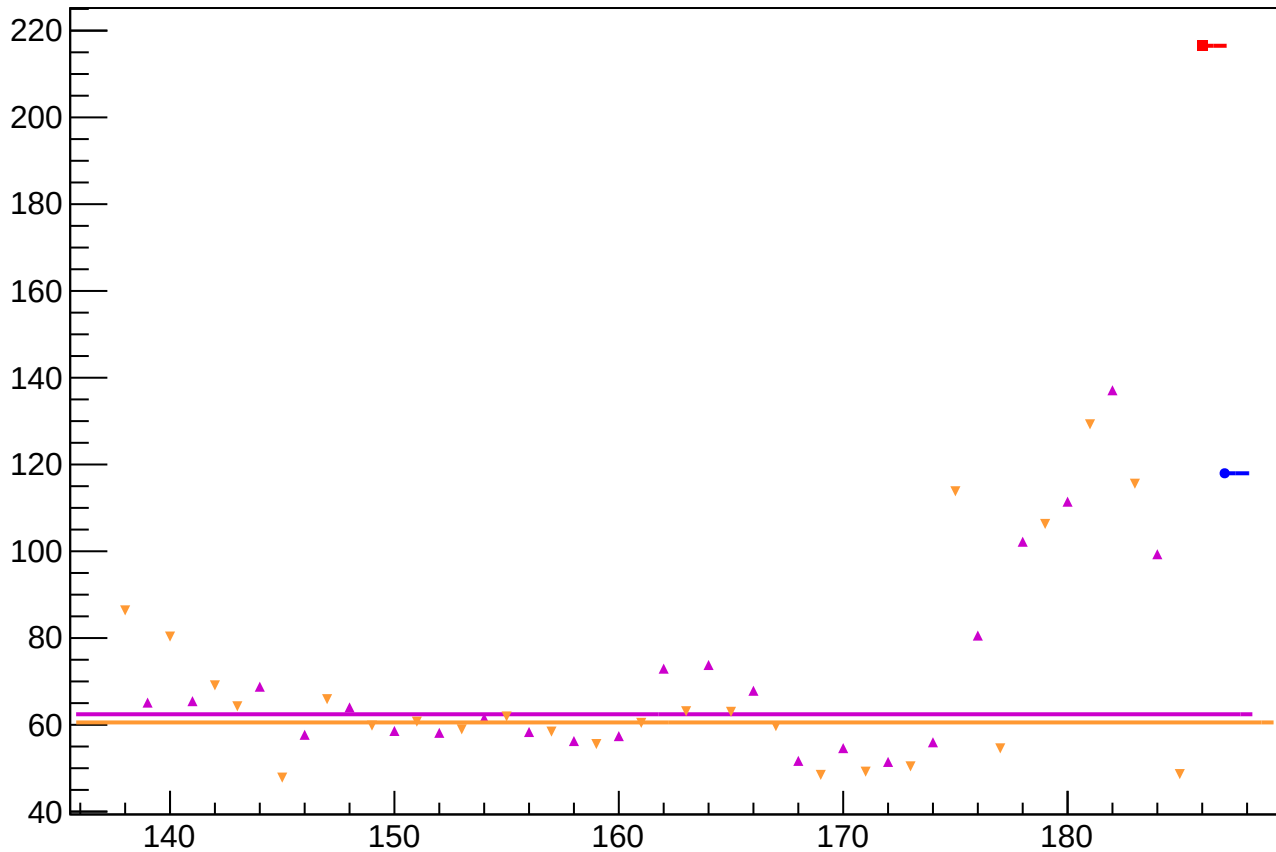
Left In: 28.435 ± 15.494 χ^2/NDF : 26.2/22

+ sign -21.788 ± 14.783 χ^2/NDF : 21.2/25

All: 2.226 ± 10.691 χ^2/NDF : 53.0/49

- sign 28.558 ± 15.479 χ^2/NDF : 26.3/23

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 117.975 $\pm$ 0.218 χ^2 /NDF: 0.0/0

Left Out: 60.551 $\pm$ 0.010 χ^2 /NDF: 1951663.1/24

Right Out: 216.507 $\pm$ 0.255 χ^2 /NDF: 0.0/0

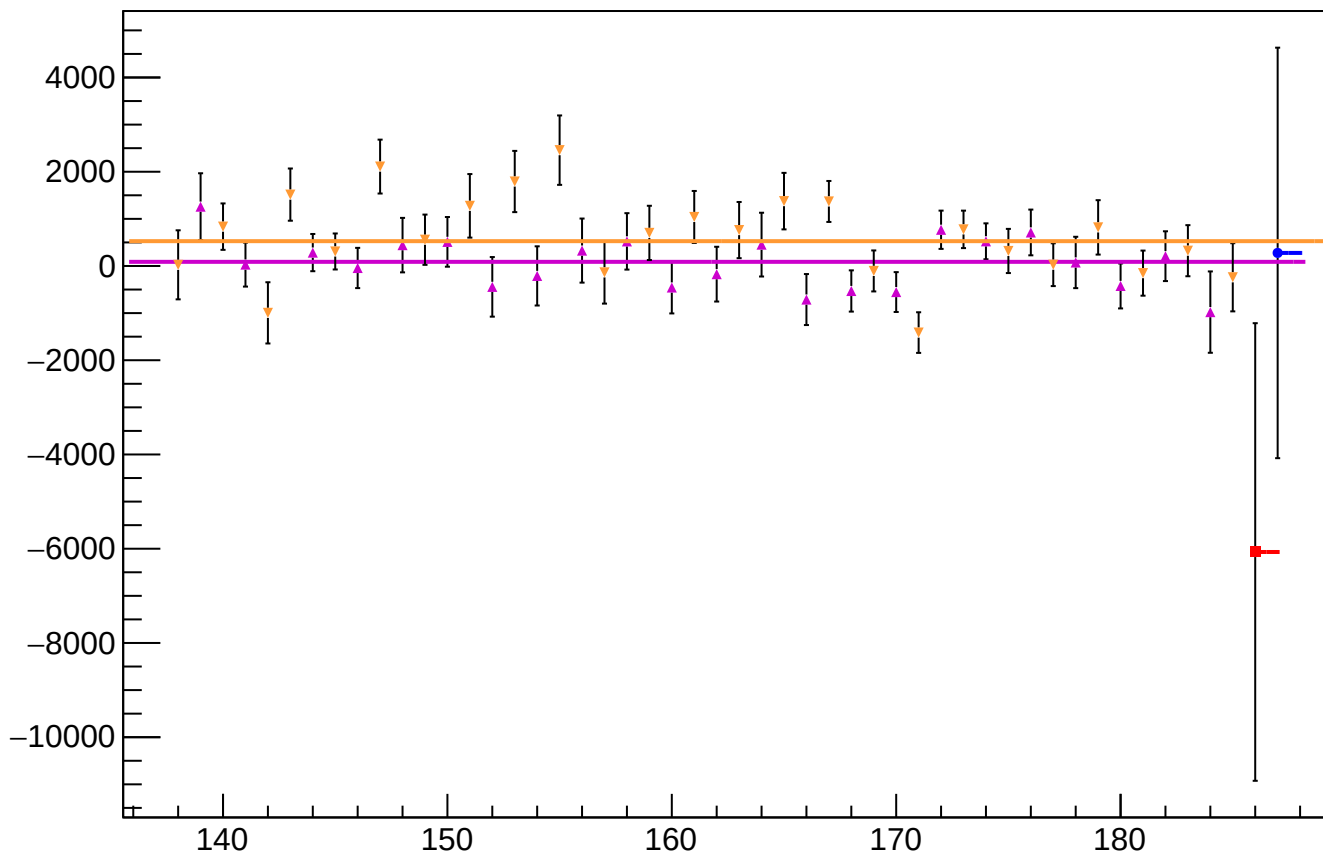
Left In: 62.435 $\pm$ 0.011 χ^2 /NDF: 1445748.2/22

+ sign 60.683 $\pm$ 0.010 χ^2 /NDF: 2020831.9/25

All: 61.654 $\pm$ 0.008 χ^2 /NDF: 3849613.3/49

- sign 62.719 $\pm$ 0.011 χ^2 /NDF: 1810682.0/23

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 277.121 $\pm$ 4355.700 χ^2 /NDF: 0.0/0

Left Out: 526.705 $\pm$ 105.414 χ^2 /NDF:65.0/24

Right Out: -6069.458 $\pm$ 4855.529 χ^2 /NDF: 0.0/0

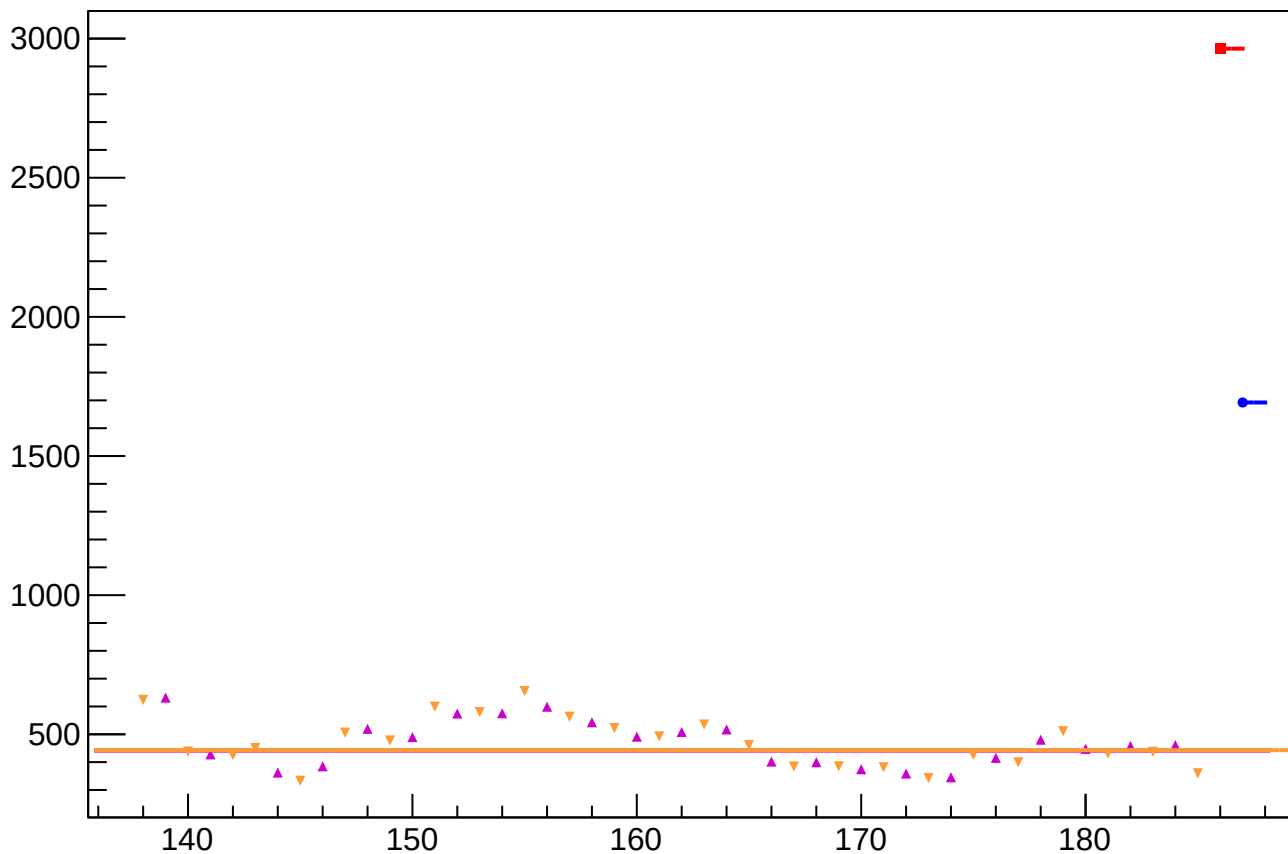
Left In: 87.989 $\pm$ 106.843 χ^2 /NDF:22.1/22

+ sign 526.559 $\pm$ 105.384 χ^2 /NDF: 65.0/25

All: 308.766 $\pm$ 75.019 χ^2 /NDF: 97.4/49

- sign 85.009 $\pm$ 106.817 χ^2 /NDF: 23.7/23

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1692.346 $\pm$ 3.080 χ^2 /NDF: 0.0/0

Left Out: 443.031 $\pm$ 0.075 χ^2 /NDF:1171662.6/24

Right Out: 2963.972 $\pm$ 3.433 χ^2 /NDF: 0.0/0

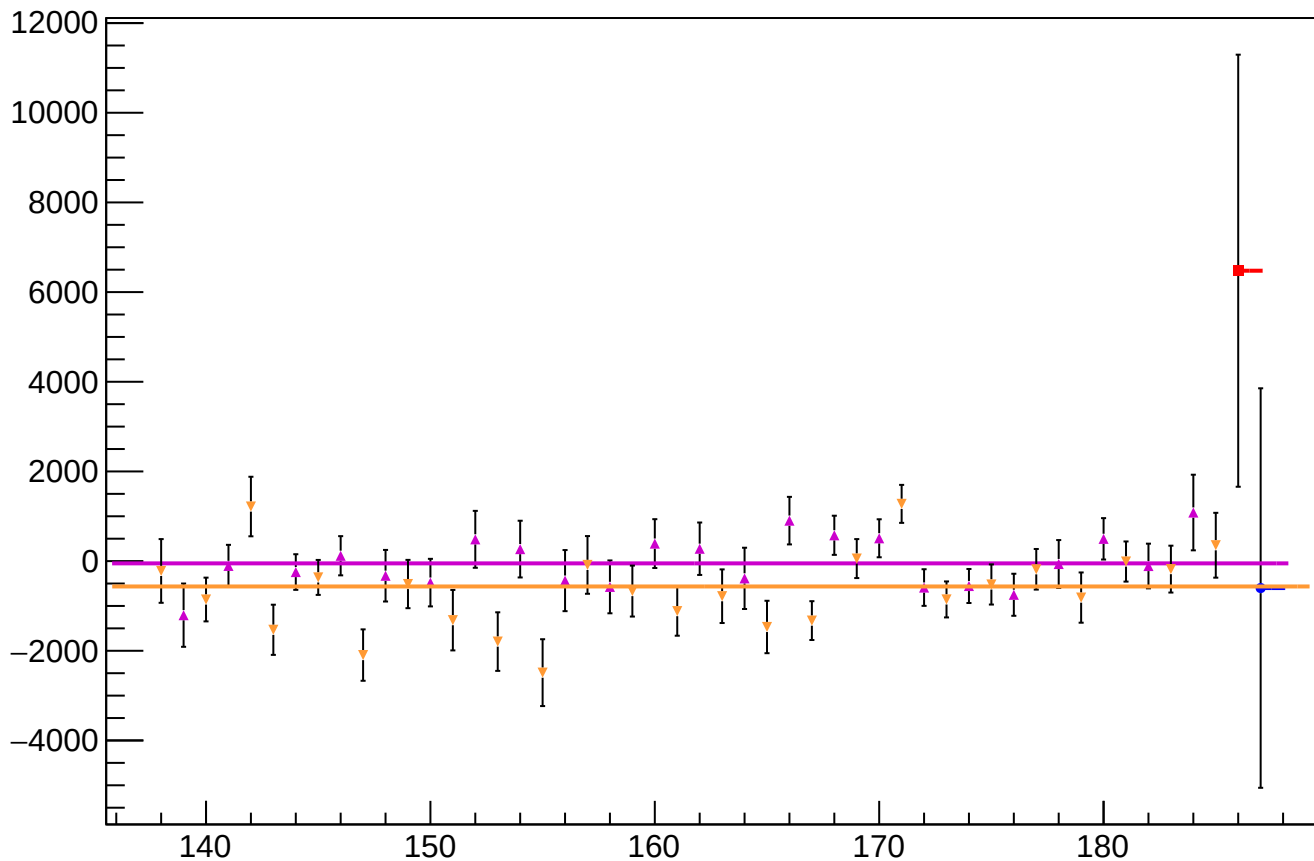
Left In: 441.359 $\pm$ 0.076 χ^2 /NDF:1035839.5/22

+ sign 443.763 $\pm$ 0.075 χ^2 /NDF: 1336101.1/25

All: 443.179 $\pm$ 0.053 χ^2 /NDF: 2911634.9/49

- sign 442.580 $\pm$ 0.076 χ^2 /NDF: 1575409.5/23

asym_sam_15_48_dd_mean vs Slug



Right In: -600.770+/-4455.156 χ^2/NDF : 0.0/0

Left Out: -565.545+/-104.460 χ^2/NDF : 62.9/24

Right Out: 6476.893+/-4818.554 χ^2/NDF : 0.0/0

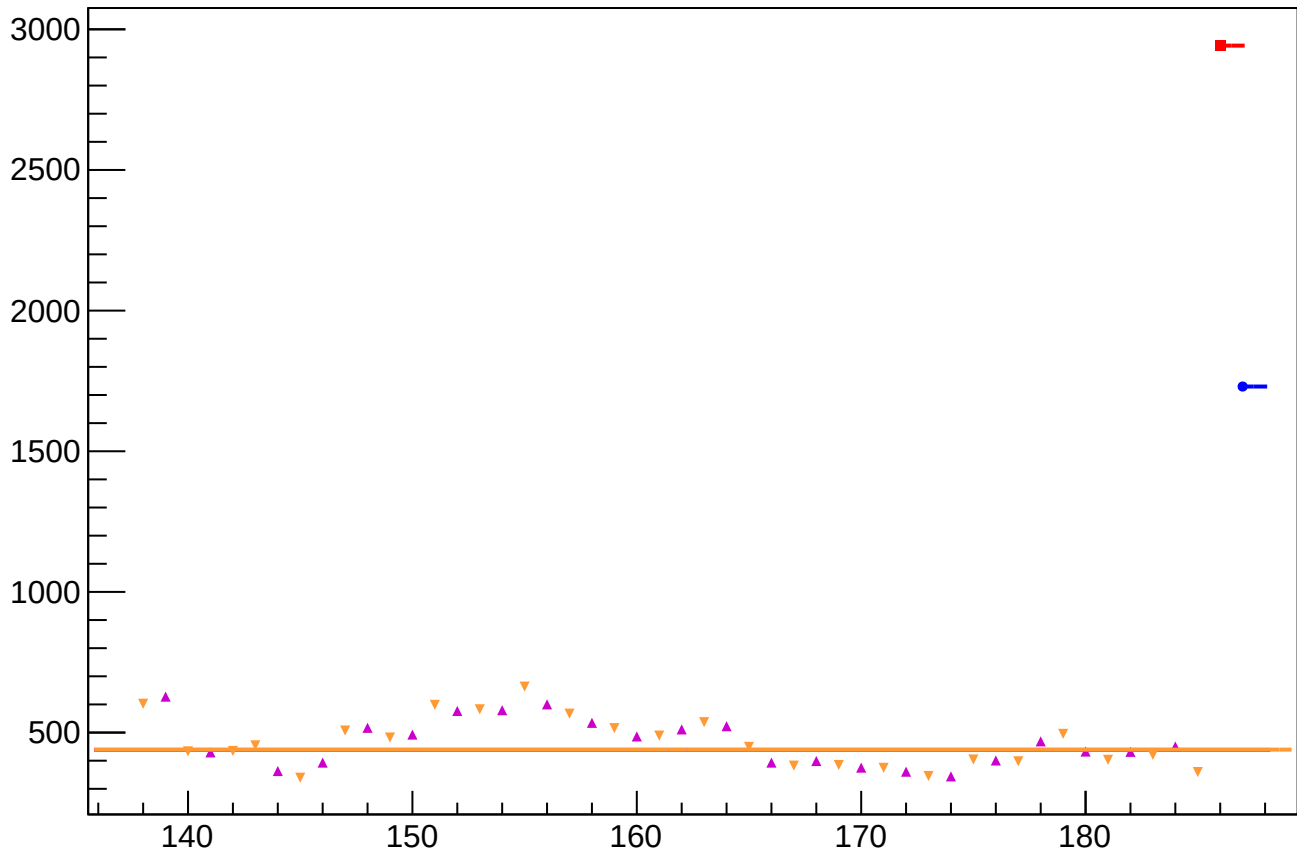
Left In: -50.387+/-106.218 χ^2/NDF : 23.3/22

+ sign -565.564+/-104.432 χ^2/NDF : 62.9/25

All: -310.723+/-74.459 χ^2/NDF : 100.1/49

- sign -47.217+/-106.192 χ^2/NDF : 25.1/23

asym_sam_15_48_dd_rms vs Slug



Right In: 1730.123+/-3.150 χ^2/NDF : 0.0/0

Left Out: 439.314+/-0.074 χ^2/NDF : 1164031.3/24

Right Out: 2942.010+/-3.407 χ^2/NDF : 0.0/0

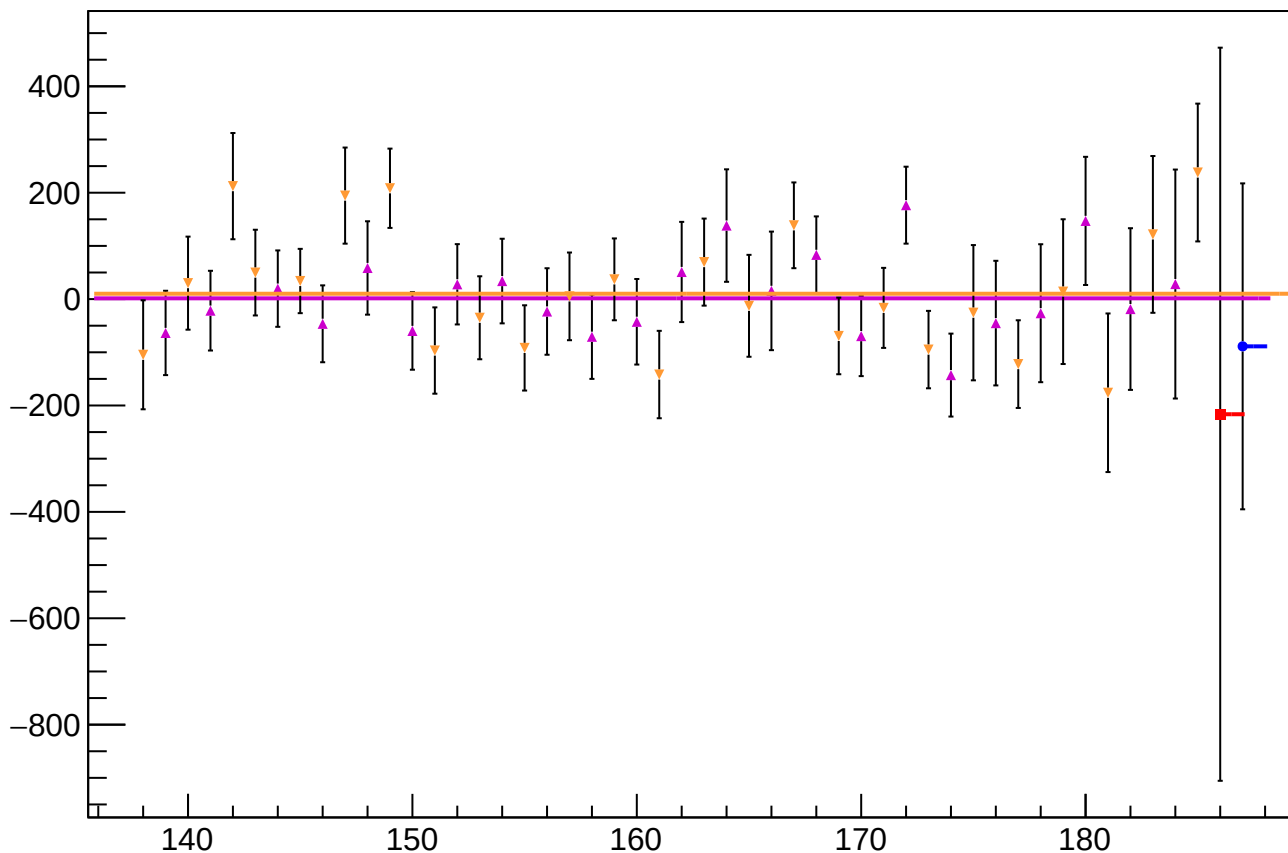
Left In: 438.365+/-0.075 χ^2/NDF : 1024661.1/22

+ sign 440.023+/-0.074 χ^2/NDF : 1331830.4/25

All: 439.806+/-0.053 χ^2/NDF : 2896182.5/49

- sign 439.581+/-0.075 χ^2/NDF : 1564334.5/23

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -88.820 ± 306.352 χ^2/NDF : 0.0/0

Left Out: 10.078 ± 17.207 χ^2/NDF : 38.7/24

Right Out: -216.441 ± 689.095 χ^2/NDF : 0.0/0

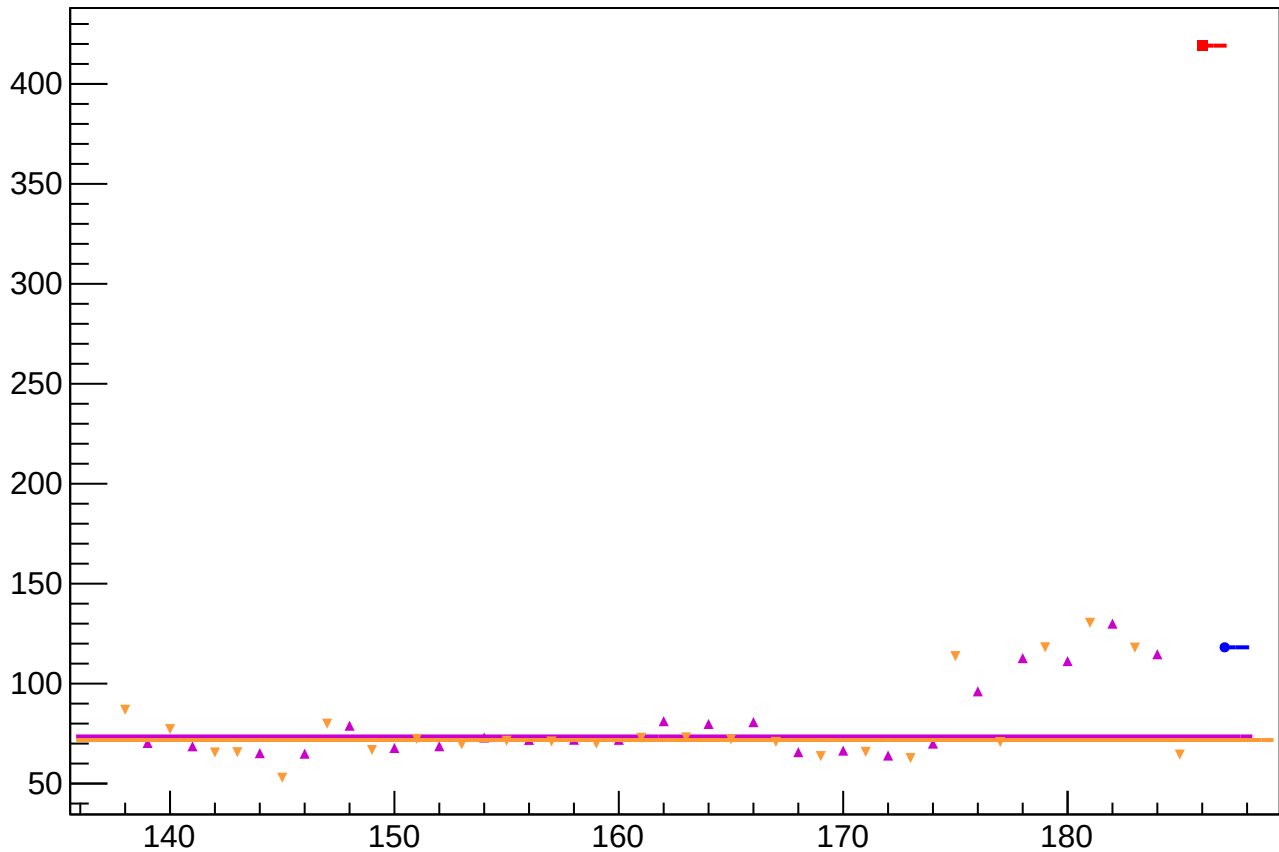
Left In: 1.434 ± 17.926 χ^2/NDF : 19.0/22

+ sign 9.767 ± 17.180 χ^2/NDF : 38.8/25

All: 5.705 ± 12.401 χ^2/NDF : 58.1/49

- sign 1.287 ± 17.926 χ^2/NDF : 19.1/23

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 118.153+/-0.217 χ^2/NDF : 0.0/0

Left Out: 71.785+/-0.012 χ^2/NDF :1325726.8/24

Right Out: 419.161+/-0.487 χ^2/NDF : 0.0/0

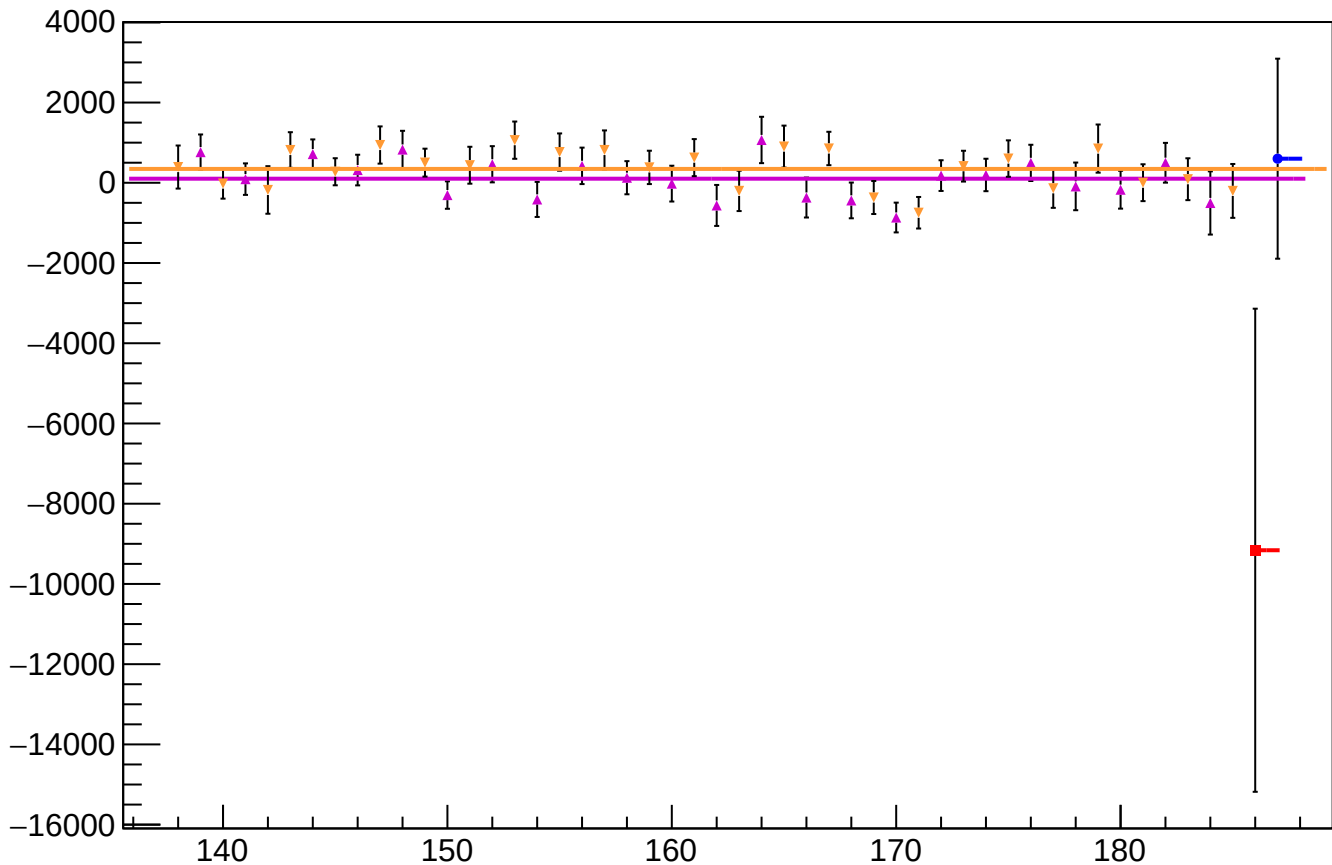
Left In: 73.558+/-0.013 χ^2/NDF :1009353.9/22

+ sign 71.931+/-0.012 χ^2/NDF : 1371400.1/25

All: 72.822+/-0.009 χ^2/NDF : 2894725.5/49

- sign 73.792+/-0.013 χ^2/NDF : 1512081.4/23

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 600.290 $\pm$ 2493.297 χ^2 /NDF: 0.0/0

Left Out: 345.360 $\pm$ 89.857 χ^2 /NDF:27.4/24

Right Out: -9160.011 $\pm$ 6021.284 χ^2 /NDF: 0.0/0

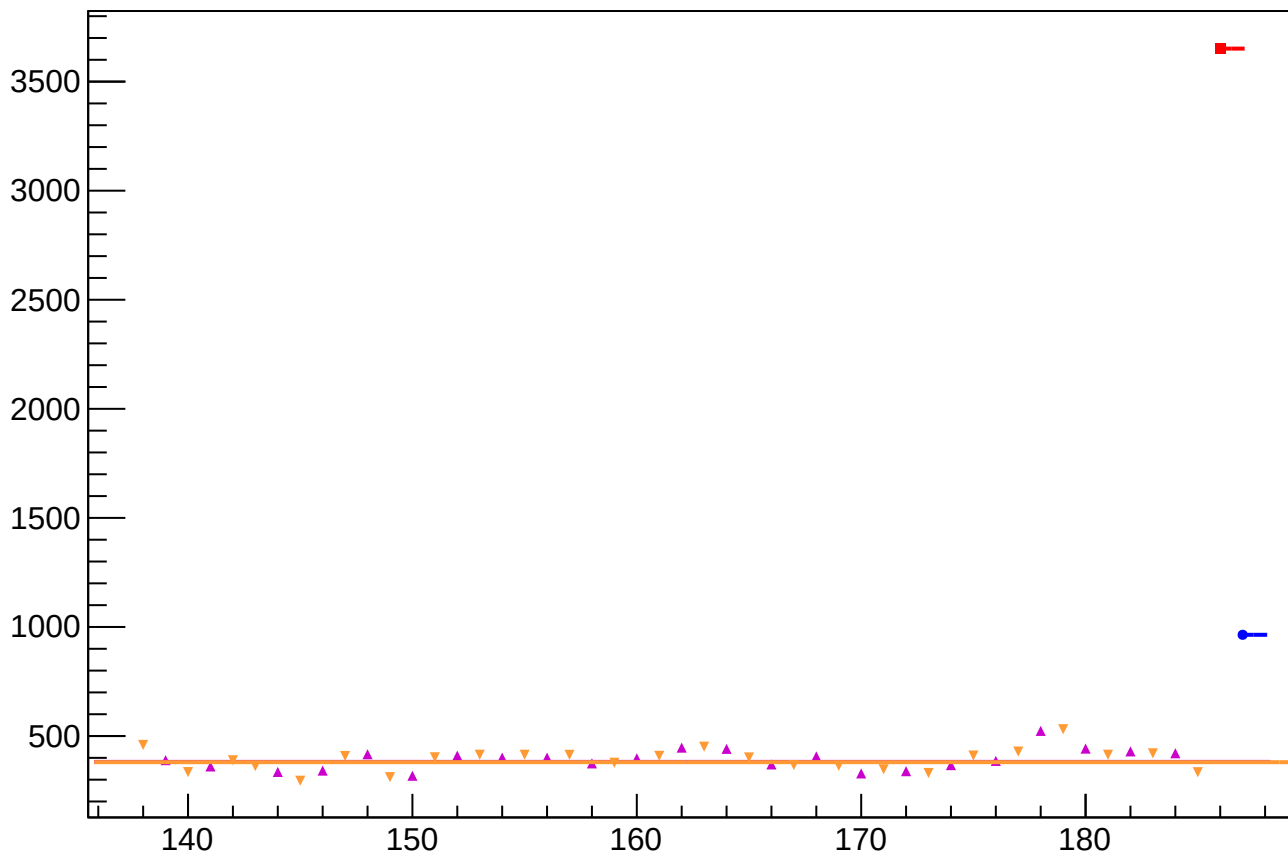
Left In: 101.648 $\pm$ 91.670 χ^2 /NDF:28.1/22

+ sign 345.691 $\pm$ 89.799 χ^2 /NDF: 27.4/25

All: 225.120 $\pm$ 64.145 χ^2 /NDF: 61.5/49

- sign 99.502 $\pm$ 91.659 χ^2 /NDF: 30.4/23

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 964.097 $\pm$ 1.763 χ^2 /NDF: 0.0/0

Left Out: 380.206 $\pm$ 0.064 χ^2 /NDF: 616620.6/24

Right Out: 3651.331 $\pm$ 4.258 χ^2 /NDF: 0.0/0

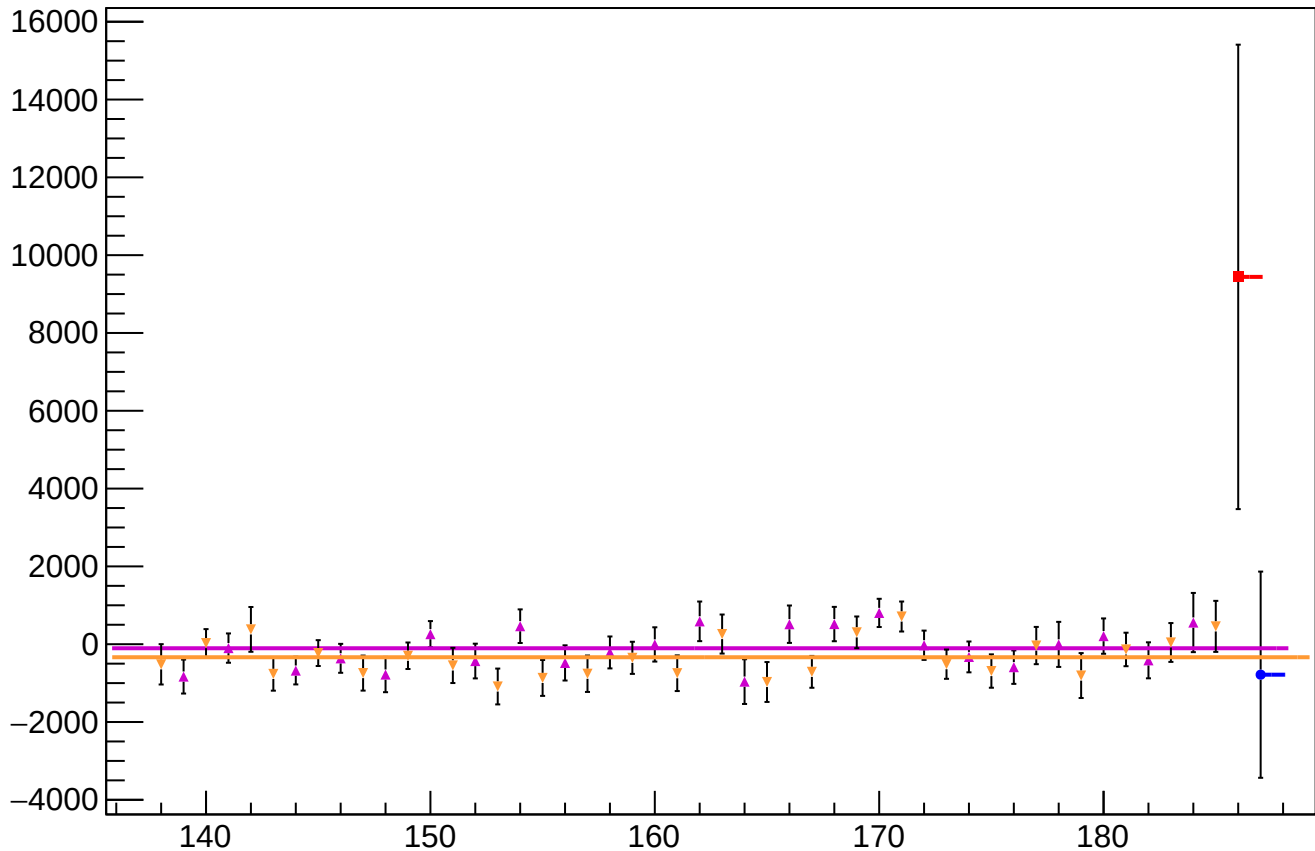
Left In: 381.474 $\pm$ 0.065 χ^2 /NDF: 461021.8/22

+ sign 380.964 $\pm$ 0.063 χ^2 /NDF: 726162.7/25

All: 381.585 $\pm$ 0.045 χ^2 /NDF: 1777049.2/49

- sign 382.232 $\pm$ 0.065 χ^2 /NDF: 1050691.1/23

asym_sam_37_48_dd_mean vs Slug



Right In: -783.813 $\pm$ 2650.230 χ^2 /NDF: 0.0/0

Left Out: -335.242 $\pm$ 87.706 χ^2 /NDF:28.3/24

Right Out: 9441.407 $\pm$ 5969.101 χ^2 /NDF: 0.0/0

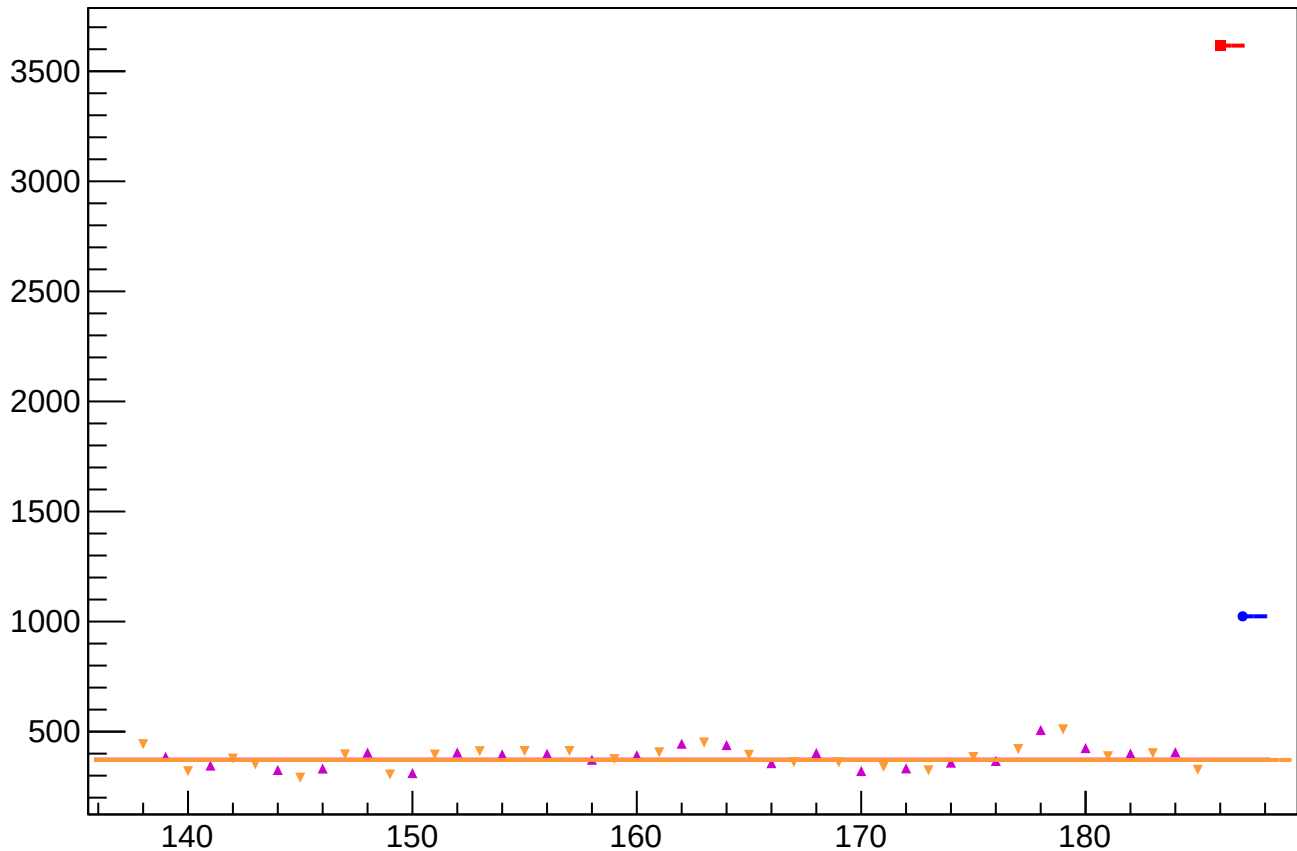
Left In: -104.117 $\pm$ 89.613 χ^2 /NDF:29.7/22

+ sign -335.733 $\pm$ 87.658 χ^2 /NDF: 28.3/25

All: -221.414 $\pm$ 62.660 χ^2 /NDF: 64.0/49

- sign -101.966 $\pm$ 89.603 χ^2 /NDF: 32.2/23

asym_sam_37_48_dd_rms vs Slug



Right In: 1023.828 $\pm$ 1.874 χ^2 /NDF: 0.0/0

Left Out: 371.375 $\pm$ 0.062 χ^2 /NDF: 604123.3/24

Right Out: 3616.538 $\pm$ 4.221 χ^2 /NDF: 0.0/0

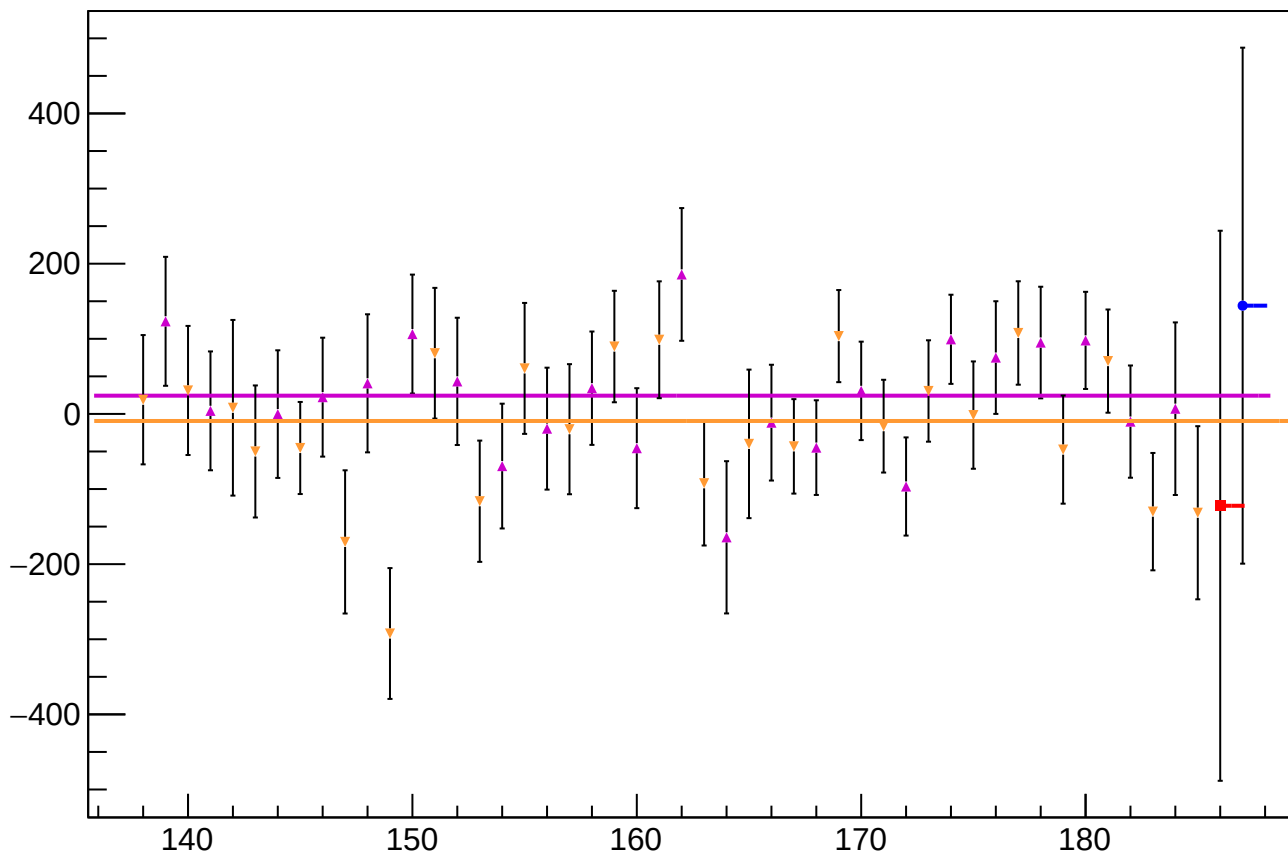
Left In: 372.574 $\pm$ 0.063 χ^2 /NDF: 464397.2/22

+ sign 372.089 $\pm$ 0.062 χ^2 /NDF: 725207.1/25

All: 372.684 $\pm$ 0.044 χ^2 /NDF: 1780355.7/49

- sign 373.305 $\pm$ 0.063 χ^2 /NDF: 1054960.4/23

dit_asym_sam_15_26_dd_mean vs Slug



Right In: 144.116 $\pm$ 343.470 χ^2 /NDF: 0.0/0

Left Out: -9.398 $\pm$ 15.471 χ^2 /NDF:34.7/24

Right Out: -122.281 $\pm$ 366.138 χ^2 /NDF: 0.0/0

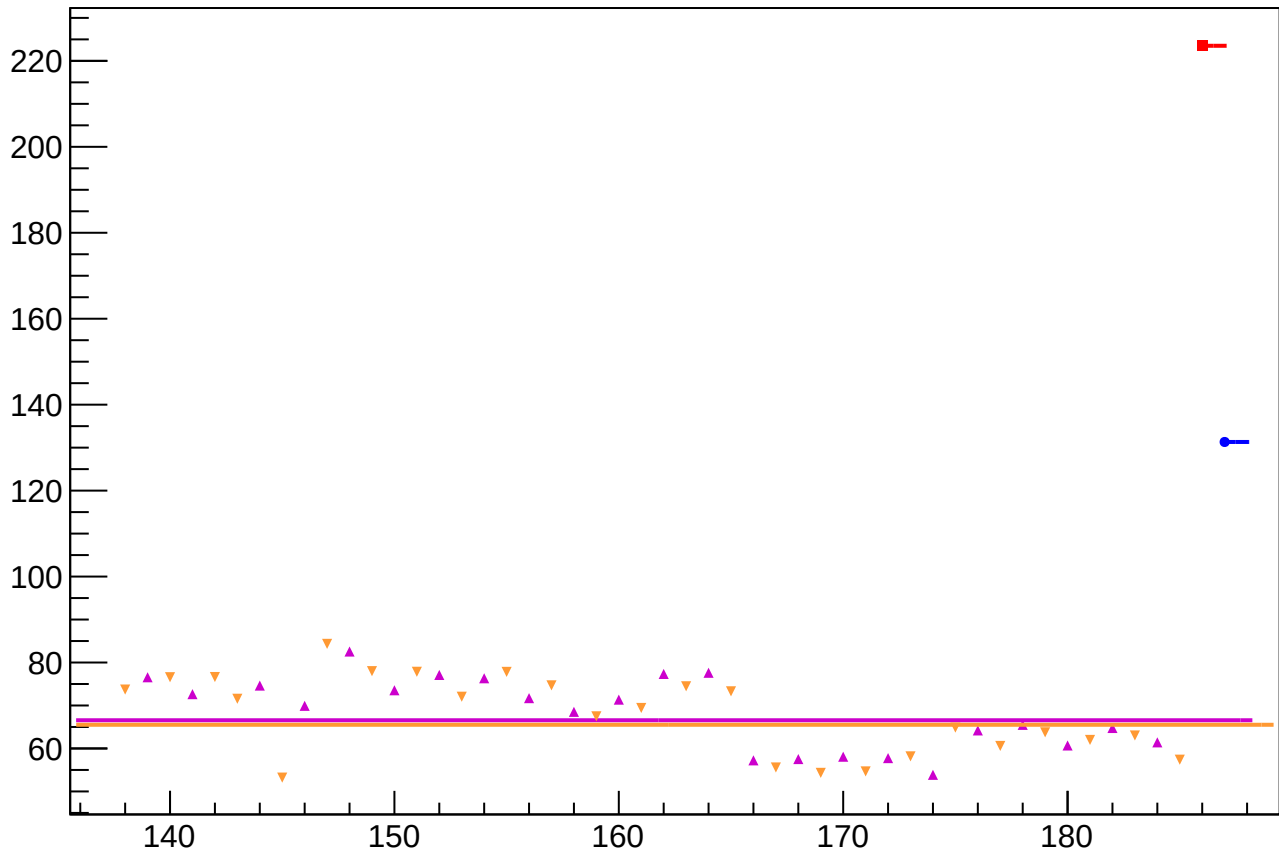
Left In: 24.293 $\pm$ 16.034 χ^2 /NDF:21.1/22

+ sign -9.087 $\pm$ 15.455 χ^2 /NDF: 34.9/25

All: 6.871 $\pm$ 11.122 χ^2 /NDF: 58.4/49

- sign 24.013 $\pm$ 16.018 χ^2 /NDF: 21.3/23

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 131.320 $\pm$ 0.243 χ^2 /NDF: 0.0/0

Left Out: 65.512 $\pm$ 0.011 χ^2 /NDF: 666993.4/24

Right Out: 223.511 $\pm$ 0.259 χ^2 /NDF: 0.0/0

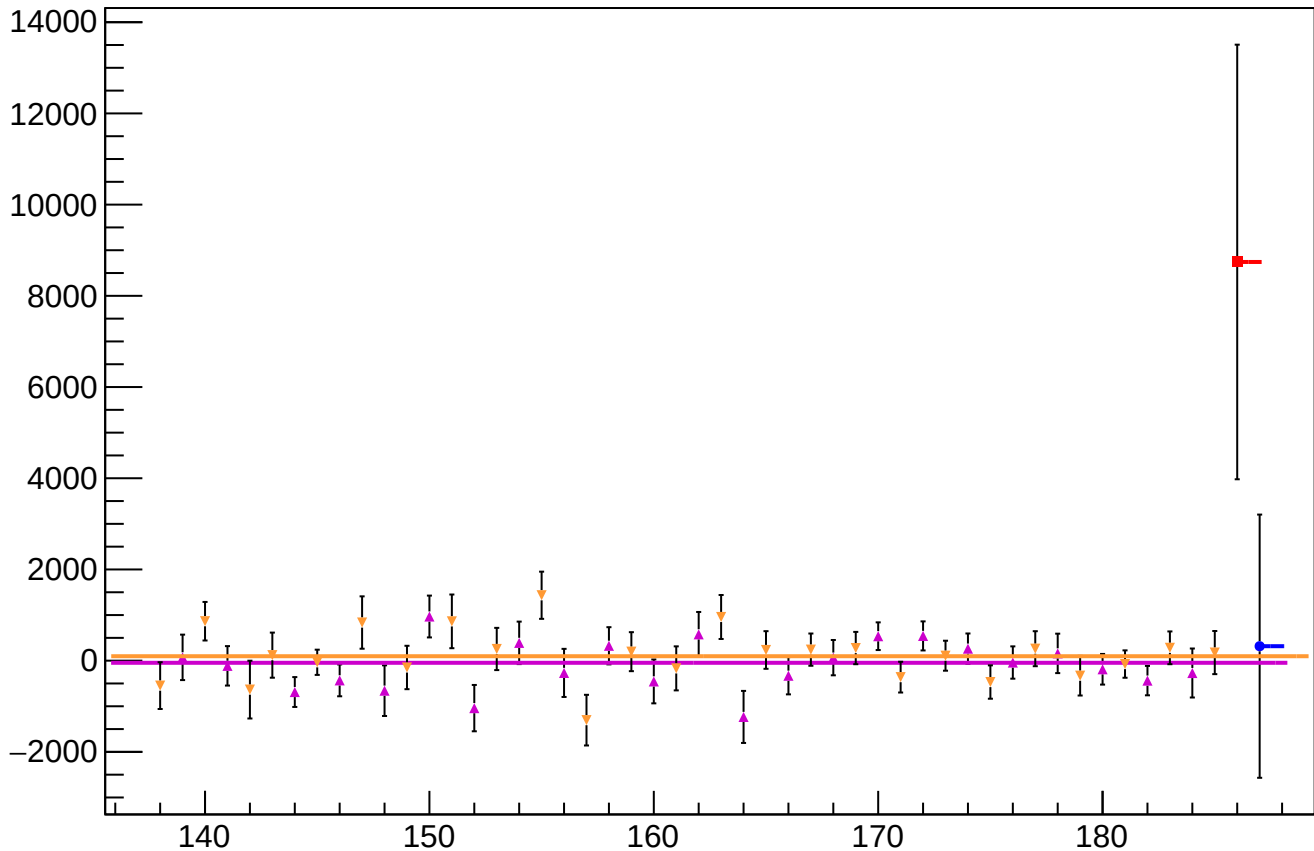
Left In: 66.564 $\pm$ 0.011 χ^2 /NDF: 521302.1/22

+ sign 65.645 $\pm$ 0.011 χ^2 /NDF: 740265.4/25

All: 66.233 $\pm$ 0.008 χ^2 /NDF: 1634355.9/49

- sign 66.864 $\pm$ 0.011 χ^2 /NDF: 888093.1/23

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 317.423+/-2885.854 χ^2/NDF : 0.0/0

Left Out: 97.420+/-82.238 χ^2/NDF : 33.3/24

Right Out: 8742.441+/-4764.895 χ^2/NDF : 0.0/0

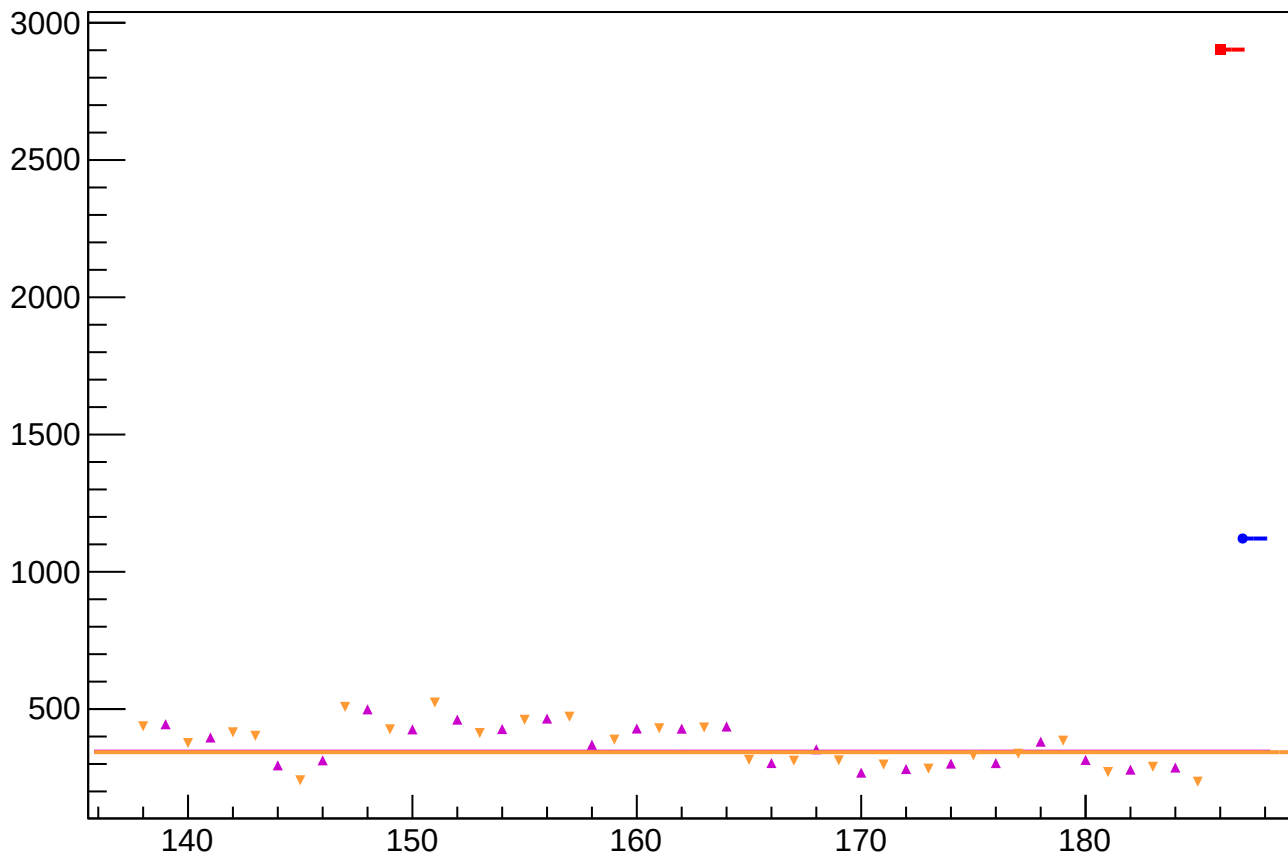
Left In: -46.660+/-83.857 χ^2/NDF : 34.2/22

+ sign 97.599+/-82.205 χ^2/NDF : 33.3/25

All: 28.228+/-58.699 χ^2/NDF : 72.4/49

- sign -43.938+/-83.844 χ^2/NDF : 37.6/23

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 1121.257 $\pm$ 2.041 χ^2 /NDF: 0.0/0

Left Out: 342.995 $\pm$ 0.058 χ^2 /NDF: 1665121.0/24

Right Out: 2902.273 $\pm$ 3.369 χ^2 /NDF: 0.0/0

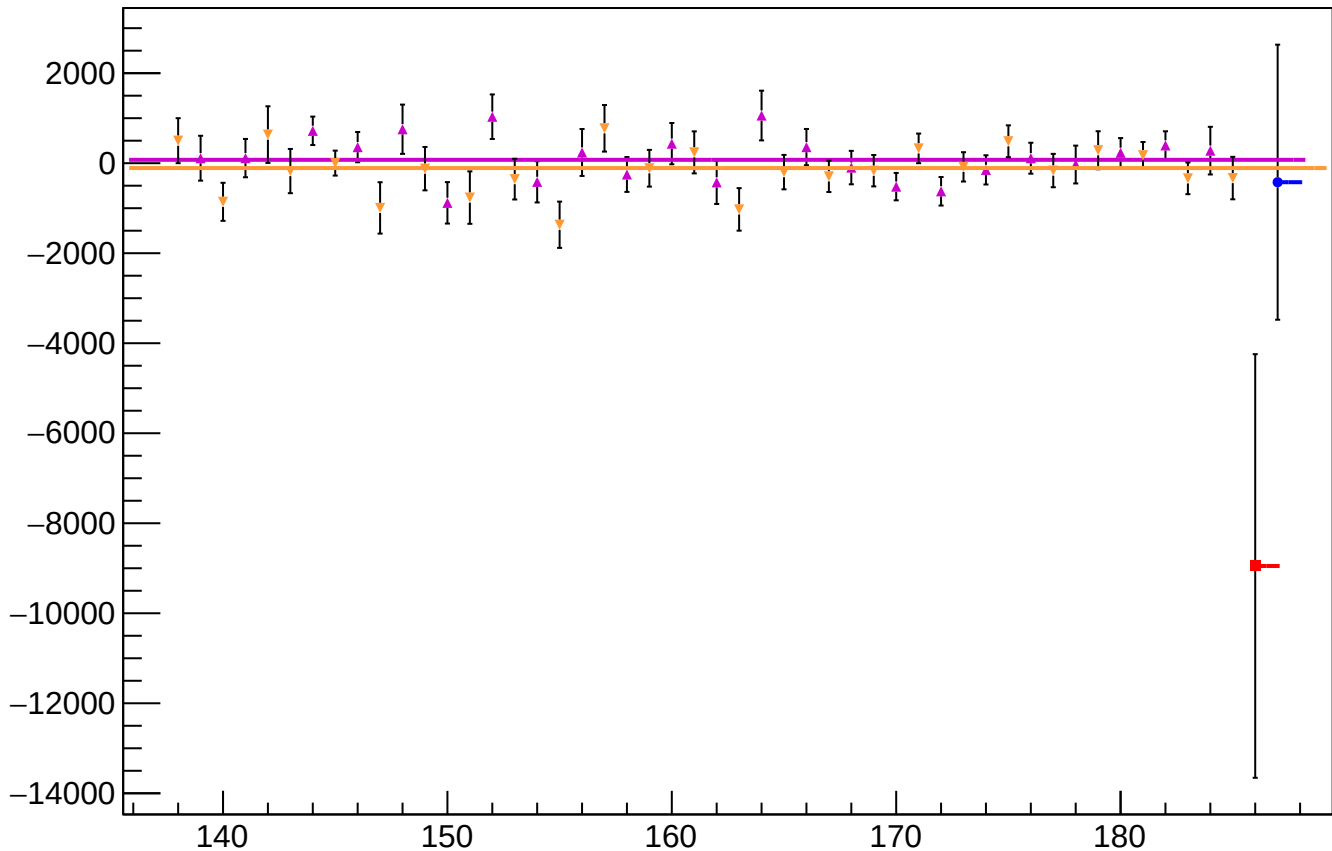
Left In: 344.818 $\pm$ 0.059 χ^2 /NDF: 1264545.0/22

+ sign 343.627 $\pm$ 0.058 χ^2 /NDF: 1810459.1/25

All: 344.599 $\pm$ 0.042 χ^2 /NDF: 3651551.1/49

- sign 345.610 $\pm$ 0.059 χ^2 /NDF: 1840521.5/23

asym_sam_15_26_dd_mean vs Slug



Right In: -422.369 ± 3055.841 χ^2/NDF : 0.0/0

Left Out: -108.037 ± 80.579 χ^2/NDF : 30.9/24

Right Out: -8949.643 ± 4706.210 χ^2/NDF : 0.0/0

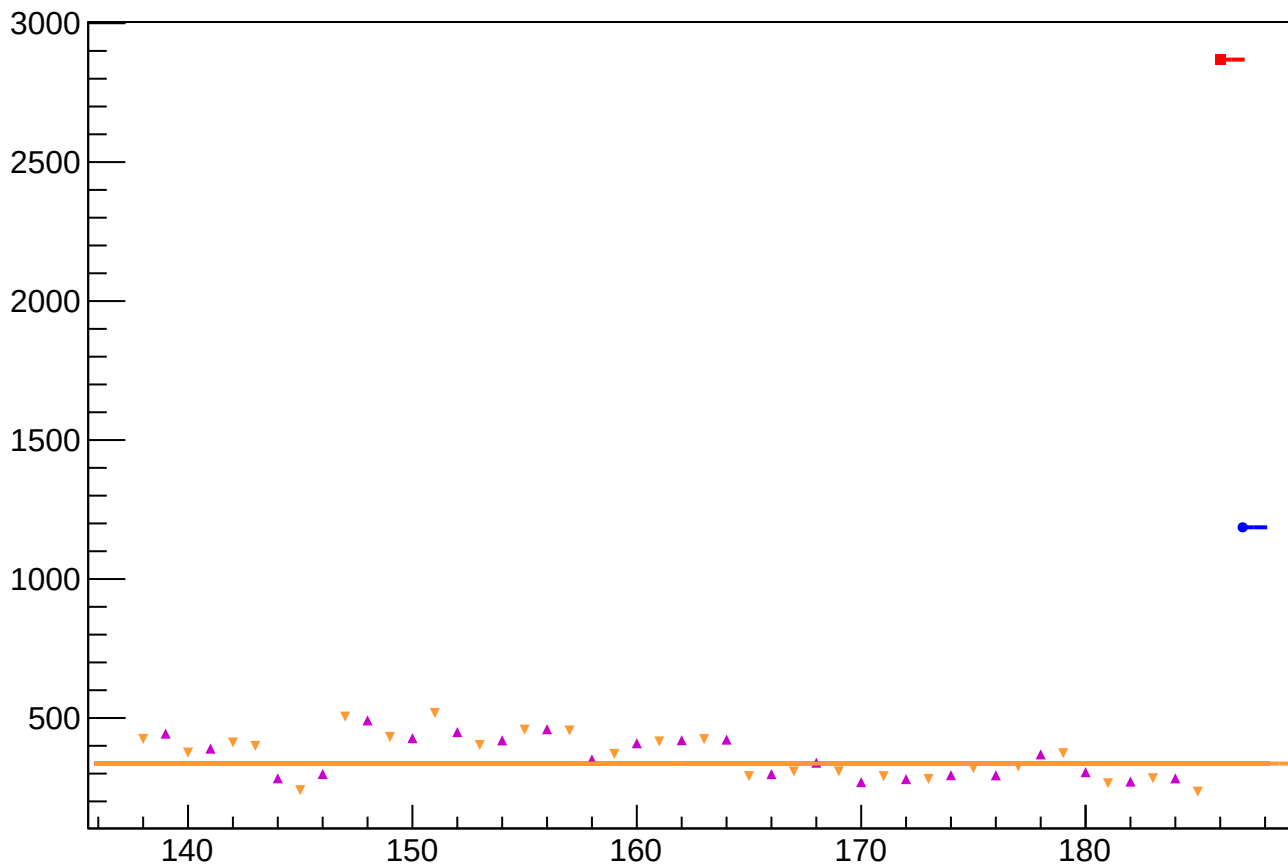
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign -108.255 ± 80.551 χ^2/NDF : 30.9/25

All: -19.541 ± 57.442 χ^2/NDF : 69.7/49

- sign 72.250 ± 81.937 χ^2/NDF : 36.3/23

asym_sam_15_26_dd_rms vs Slug



Right In: 1186.048 $\pm$ 2.161 χ^2 /NDF: 0.0/0

Left Out: 336.231 $\pm$ 0.057 χ^2 /NDF: 1659693.0/24

Right Out: 2868.780 $\pm$ 3.328 χ^2 /NDF: 0.0/0

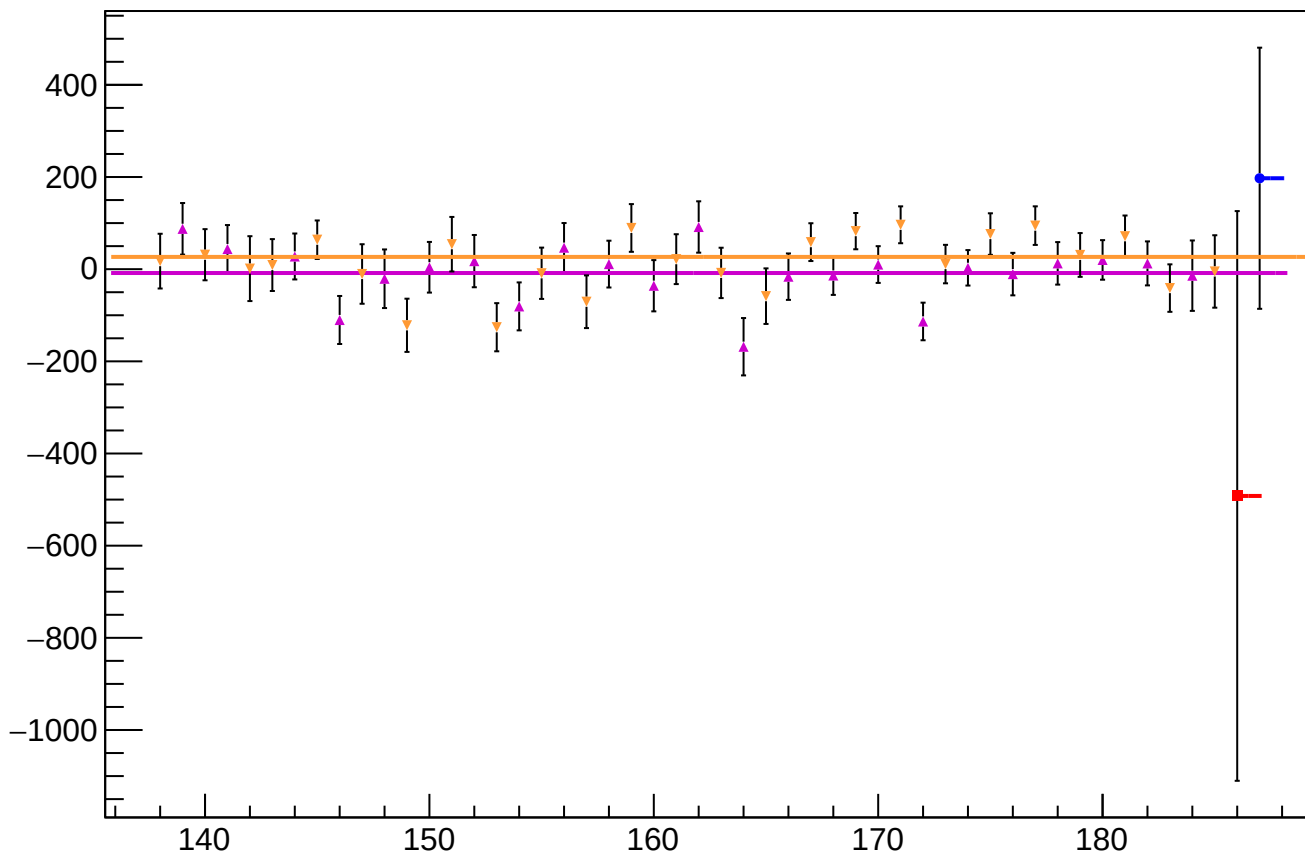
Left In: 336.396 $\pm$ 0.058 χ^2 /NDF: 1269587.6/22

+ sign 336.821 $\pm$ 0.057 χ^2 /NDF: 1814260.3/25

All: 336.990 $\pm$ 0.041 χ^2 /NDF: 3662780.7/49

- sign 337.163 $\pm$ 0.058 χ^2 /NDF: 1848502.7/23

dit_asym_sam_37_26_dd_mean vs Slug



Right In: 197.326 $\pm$ 283.352 χ^2 /NDF: 0.0/0

Left Out: 26.633 $\pm$ 10.090 χ^2 /NDF:36.5/24

Right Out: -492.096 $\pm$ 618.146 χ^2 /NDF: 0.0/0

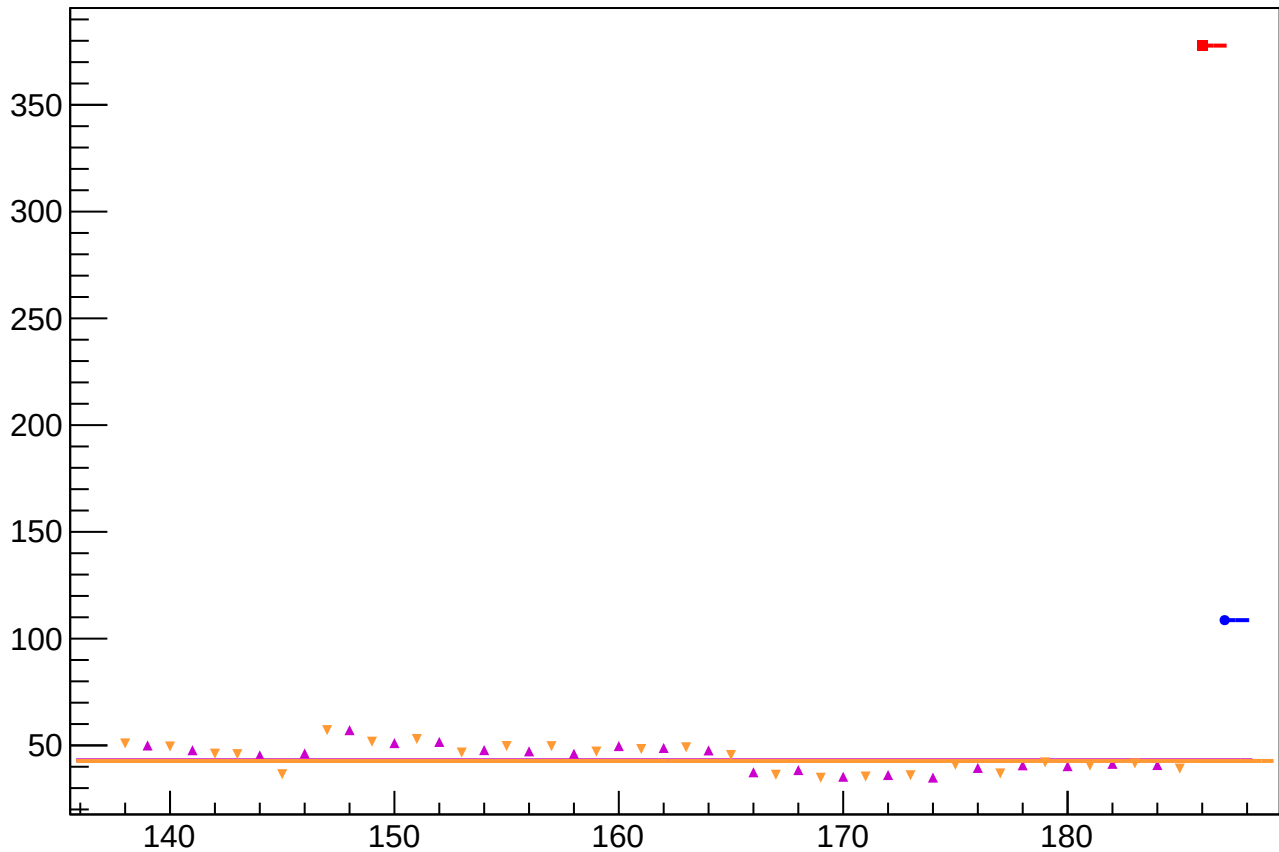
Left In: -8.325 $\pm$ 10.361 χ^2 /NDF:29.6/22

+ sign 26.849 $\pm$ 10.084 χ^2 /NDF: 36.8/25

All: 9.669 $\pm$ 7.226 χ^2 /NDF: 73.0/49

- sign -8.461 $\pm$ 10.359 χ^2 /NDF: 30.2/23

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 108.657 $\pm$ 0.200 χ^2 /NDF: 0.0/0

Left Out: 42.716 $\pm$ 0.007 χ^2 /NDF: 771558.7/24

Right Out: 377.742 $\pm$ 0.437 χ^2 /NDF: 0.0/0

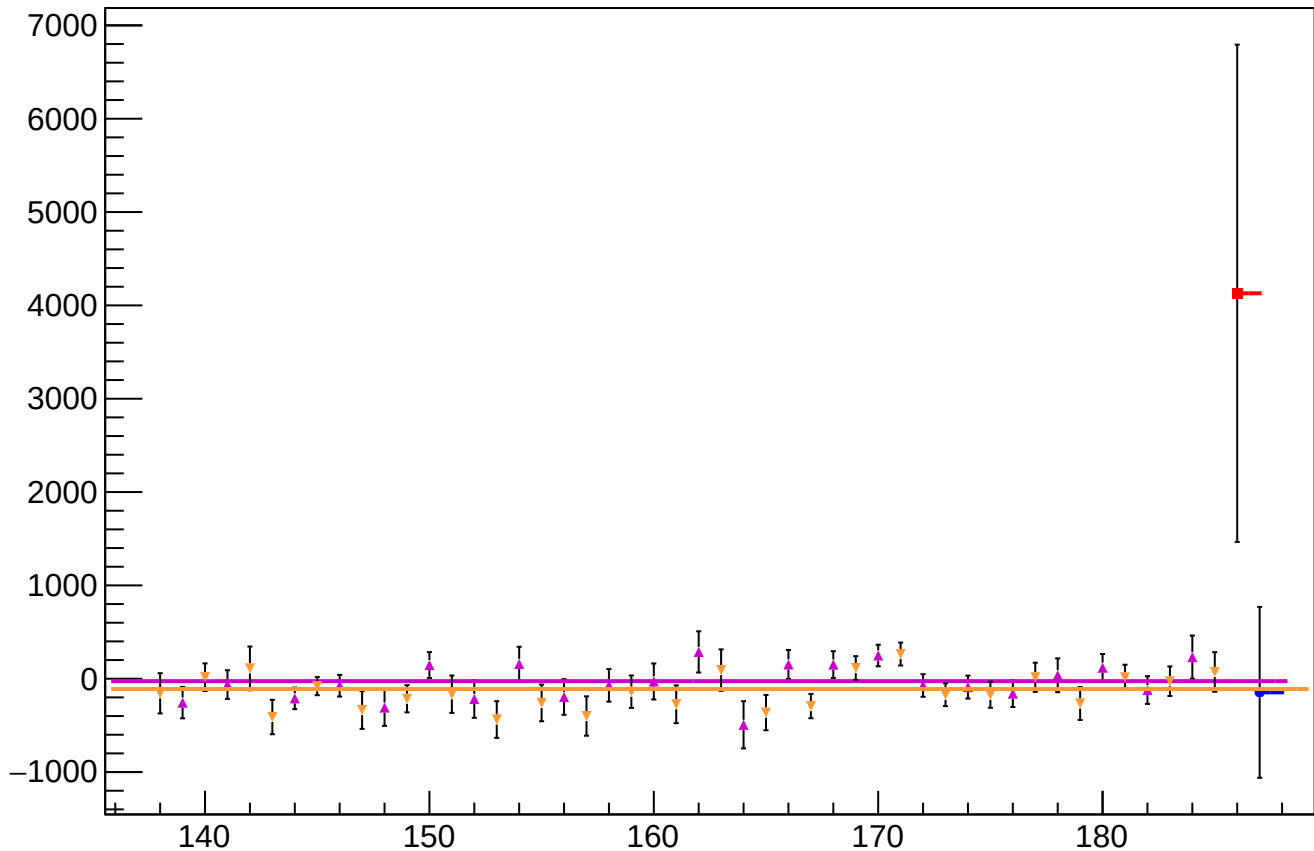
Left In: 43.021 $\pm$ 0.007 χ^2 /NDF: 642598.9/22

+ sign 42.799 $\pm$ 0.007 χ^2 /NDF: 879735.2/25

All: 42.953 $\pm$ 0.005 χ^2 /NDF: 2109551.4/49

- sign 43.115 $\pm$ 0.007 χ^2 /NDF: 1228860.6/23

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -145.893 ± 915.579 χ^2/NDF : 0.0/0

Left Out: -110.340 ± 31.717 χ^2/NDF : 33.0/24

Right Out: 4129.472 ± 2663.767 χ^2/NDF : 0.0/0

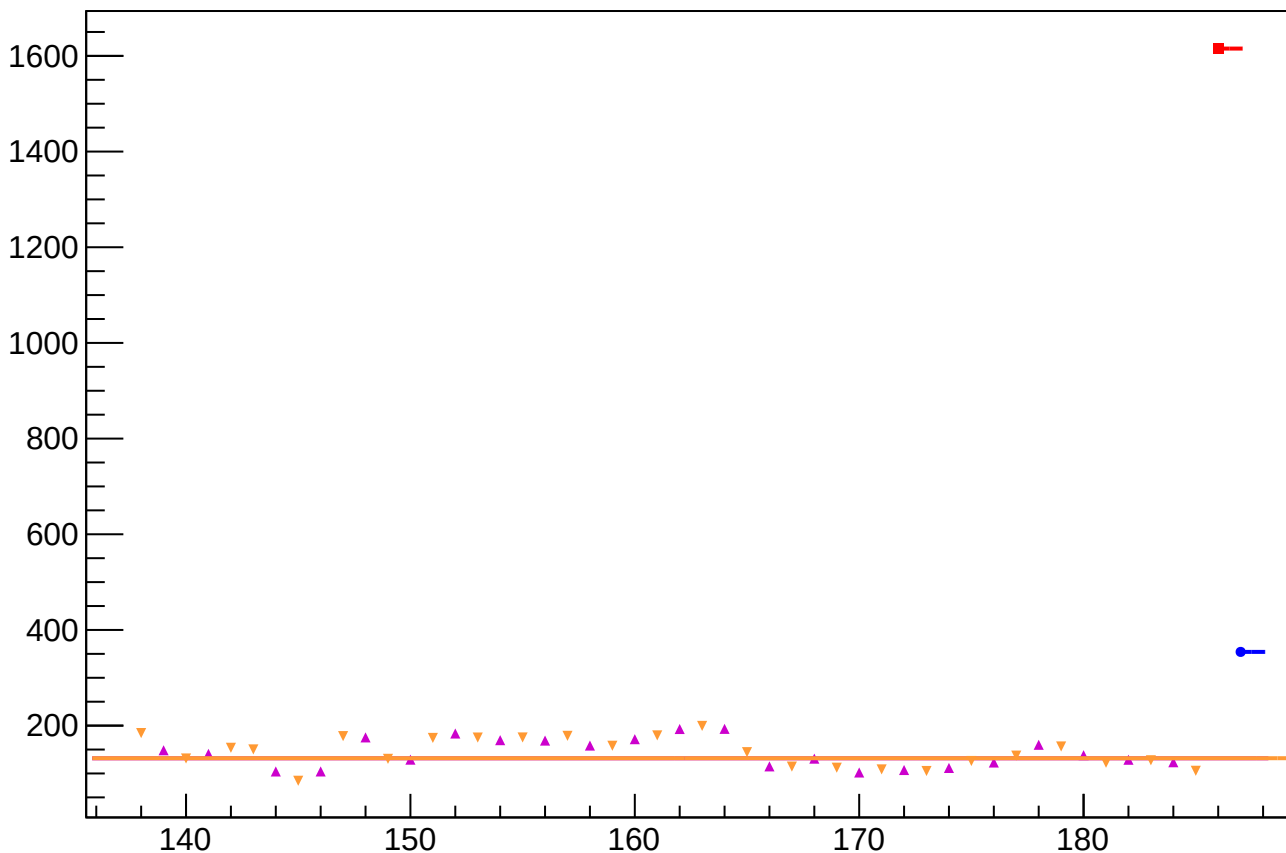
Left In: -25.828 ± 32.100 χ^2/NDF : 29.0/22

+ sign -110.383 ± 31.698 χ^2/NDF : 33.0/25

All: -68.337 ± 22.554 χ^2/NDF : 68.0/49

- sign -25.224 ± 32.097 χ^2/NDF : 31.4/23

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 354.110+/-0.647 χ^2/NDF : 0.0/0

Left Out: 131.875+/-0.022 χ^2/NDF :1806379.2/24

Right Out: 1615.302+/-1.884 χ^2/NDF : 0.0/0

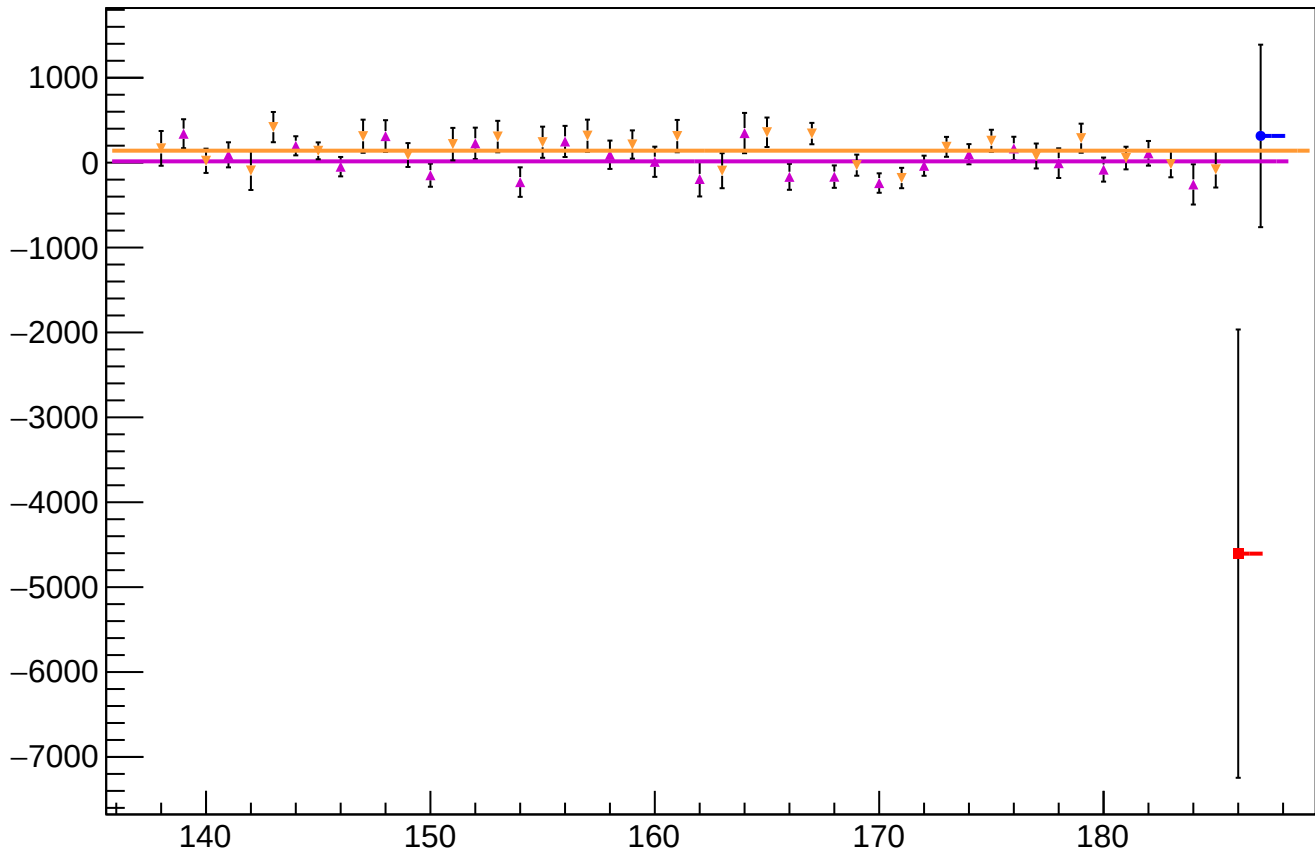
Left In: 131.630+/-0.023 χ^2/NDF :1403692.5/22

+ sign 132.141+/-0.022 χ^2/NDF : 1924070.4/25

All: 131.995+/-0.016 χ^2/NDF : 3948219.0/49

- sign 131.845+/-0.023 χ^2/NDF : 2024062.5/23

asym_sam_37_26_dd_mean vs Slug



Right In: 314.856 ± 1074.786 χ^2/NDF : 0.0/0

Left Out: 141.008 ± 30.636 χ^2/NDF : 27.1/24

Right Out: -4605.425 ± 2640.214 χ^2/NDF : 0.0/0

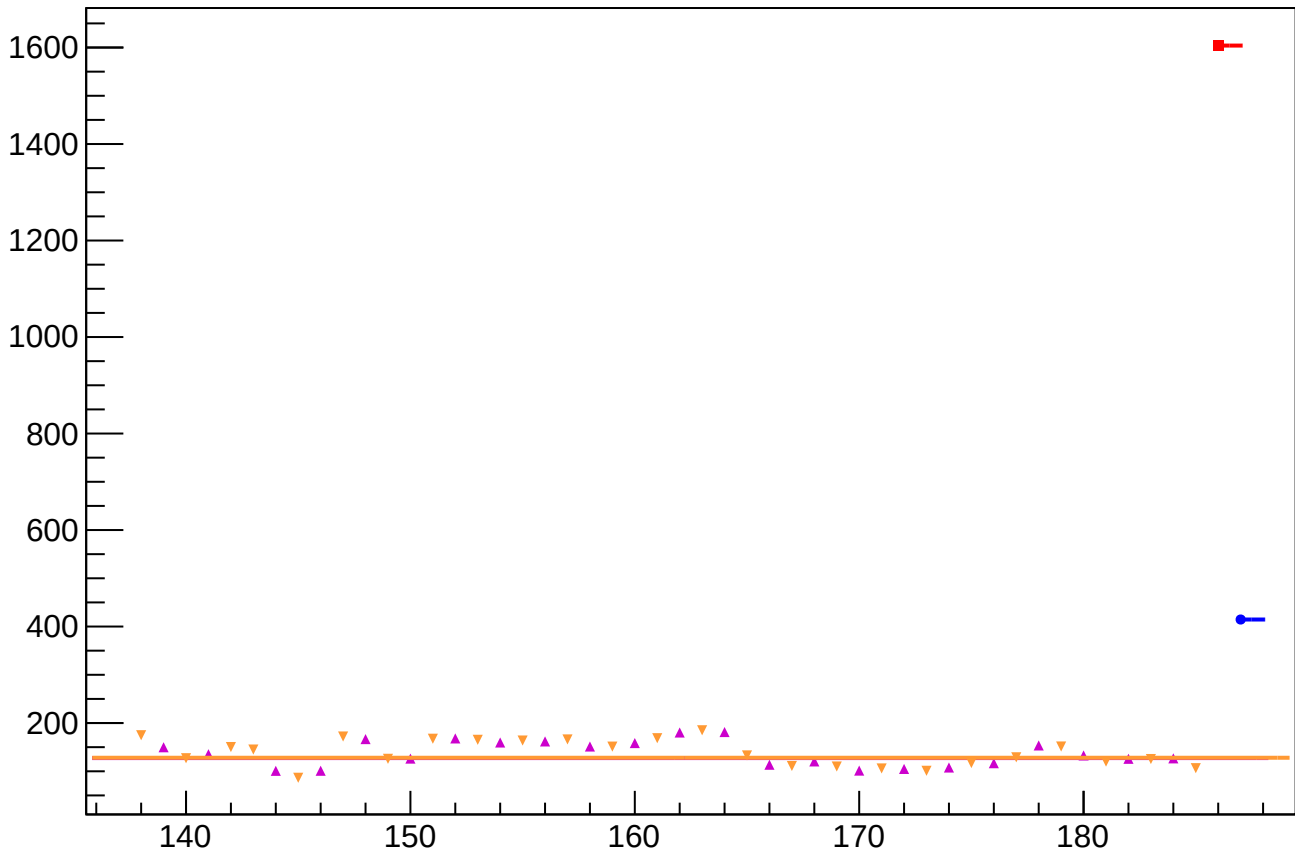
Left In: 15.199 ± 31.033 χ^2/NDF : 31.4/22

+ sign 141.149 ± 30.623 χ^2/NDF : 27.2/25

All: 78.692 ± 21.797 χ^2/NDF : 70.0/49

- sign 14.561 ± 31.031 χ^2/NDF : 34.4/23

asym_sam_37_26_dd_rms vs Slug



Right In: 414.557 $\pm$ 0.760 χ^2 /NDF: 0.0/0

Left Out: 128.060 $\pm$ 0.022 χ^2 /NDF:1530283.7/24

Right Out: 1604.044 $\pm$ 1.867 χ^2 /NDF: 0.0/0

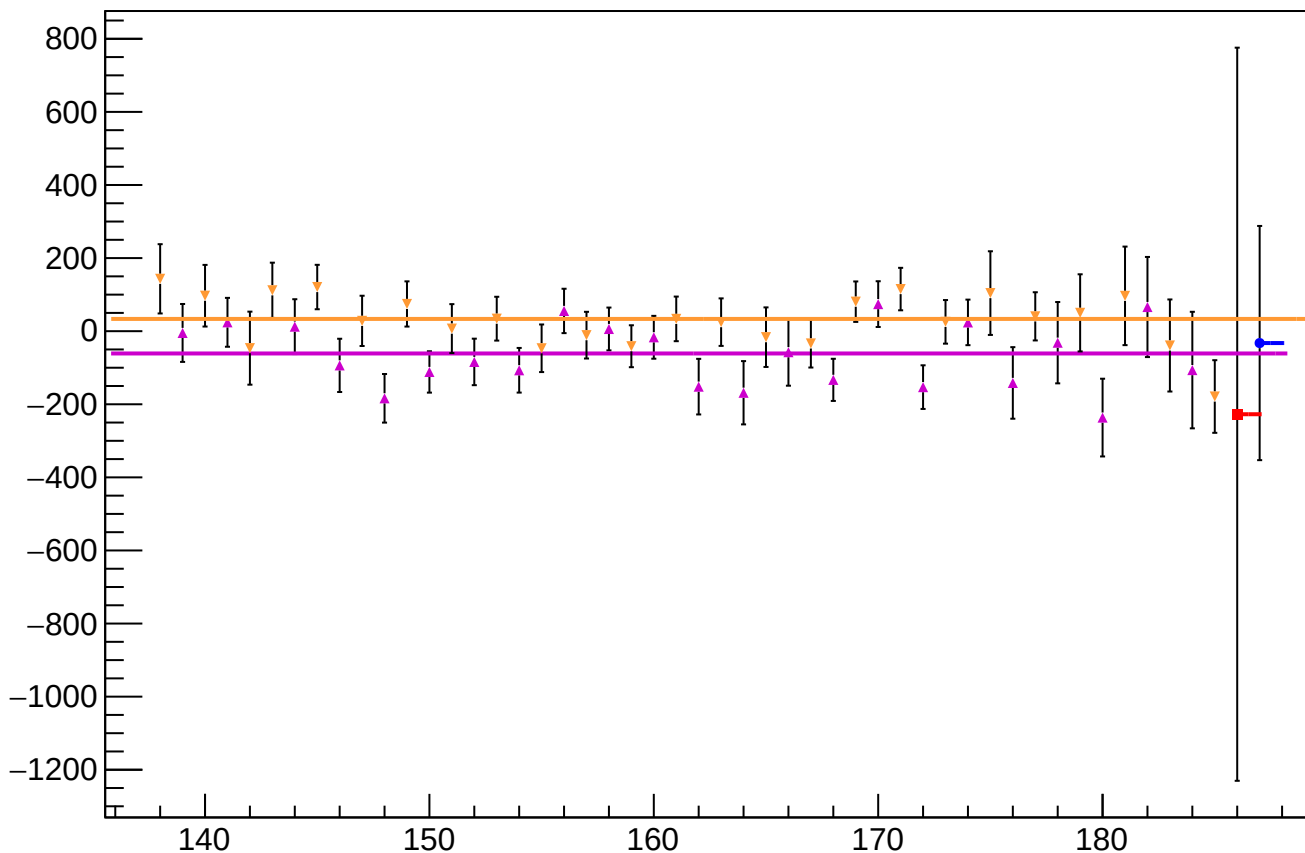
Left In: 127.380 $\pm$ 0.022 χ^2 /NDF:1229899.0/22

+ sign 128.292 $\pm$ 0.022 χ^2 /NDF: 1672279.5/25

All: 127.943 $\pm$ 0.015 χ^2 /NDF: 3528247.3/49

- sign 127.584 $\pm$ 0.022 χ^2 /NDF: 1855439.4/23

dit_asym_sam_1357_avg_mean vs Slug



Right In: -32.489 ± 320.407 χ^2/NDF : 0.0/0

Left Out: 33.535 ± 14.197 χ^2/NDF : 19.7/24

Right Out: -227.258 ± 1002.995 χ^2/NDF : 0.0/0

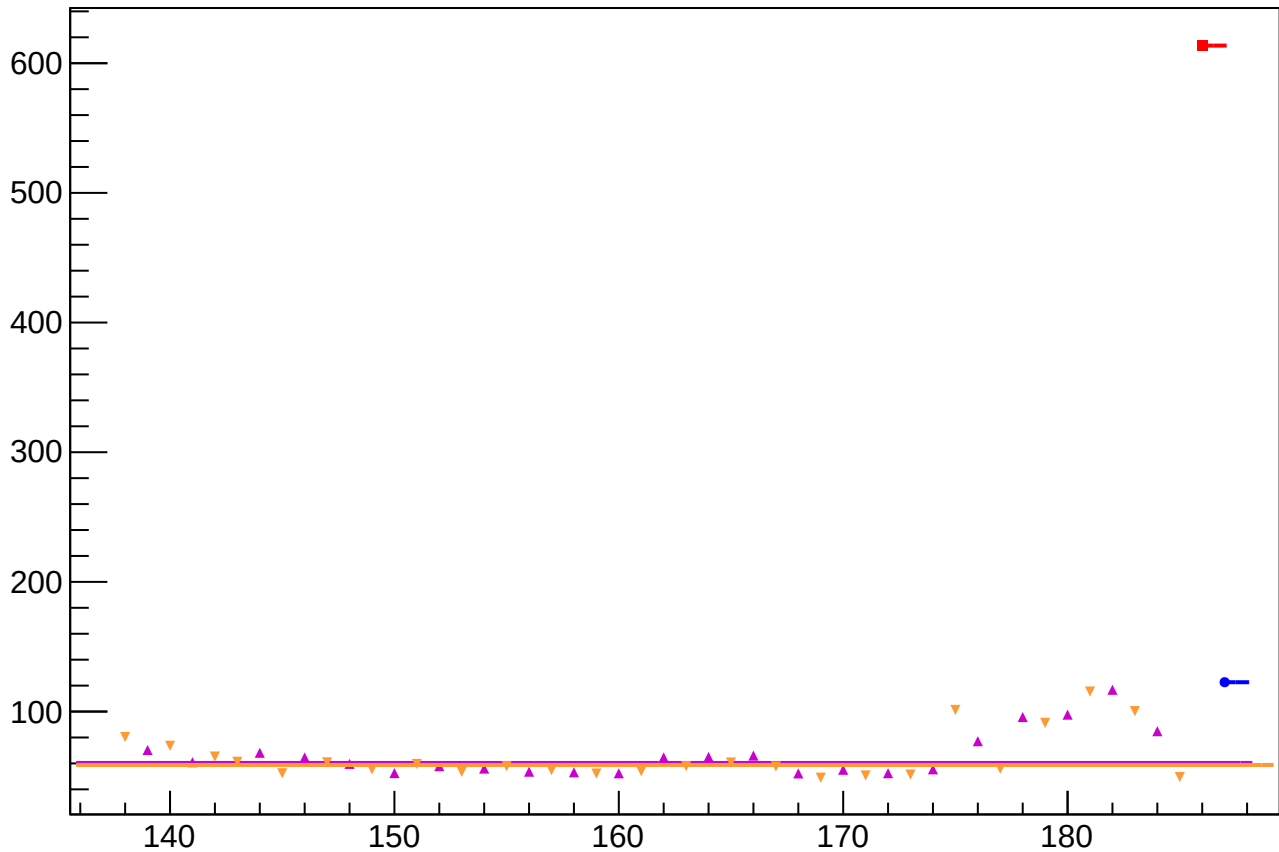
Left In: -60.992 ± 14.839 χ^2/NDF : 31.6/22

+ sign 33.405 ± 14.183 χ^2/NDF : 19.7/25

All: -11.682 ± 10.252 χ^2/NDF : 72.5/49

- sign -61.028 ± 14.837 χ^2/NDF : 31.6/23

dit_asym_sam_1357_avg_rms vs Slug



Right In: 122.616+/-0.227 χ^2/NDF : 0.0/0

Left Out: 58.793+/-0.010 χ^2/NDF : 1460561.7/24

Right Out: 613.598+/-0.709 χ^2/NDF : 0.0/0

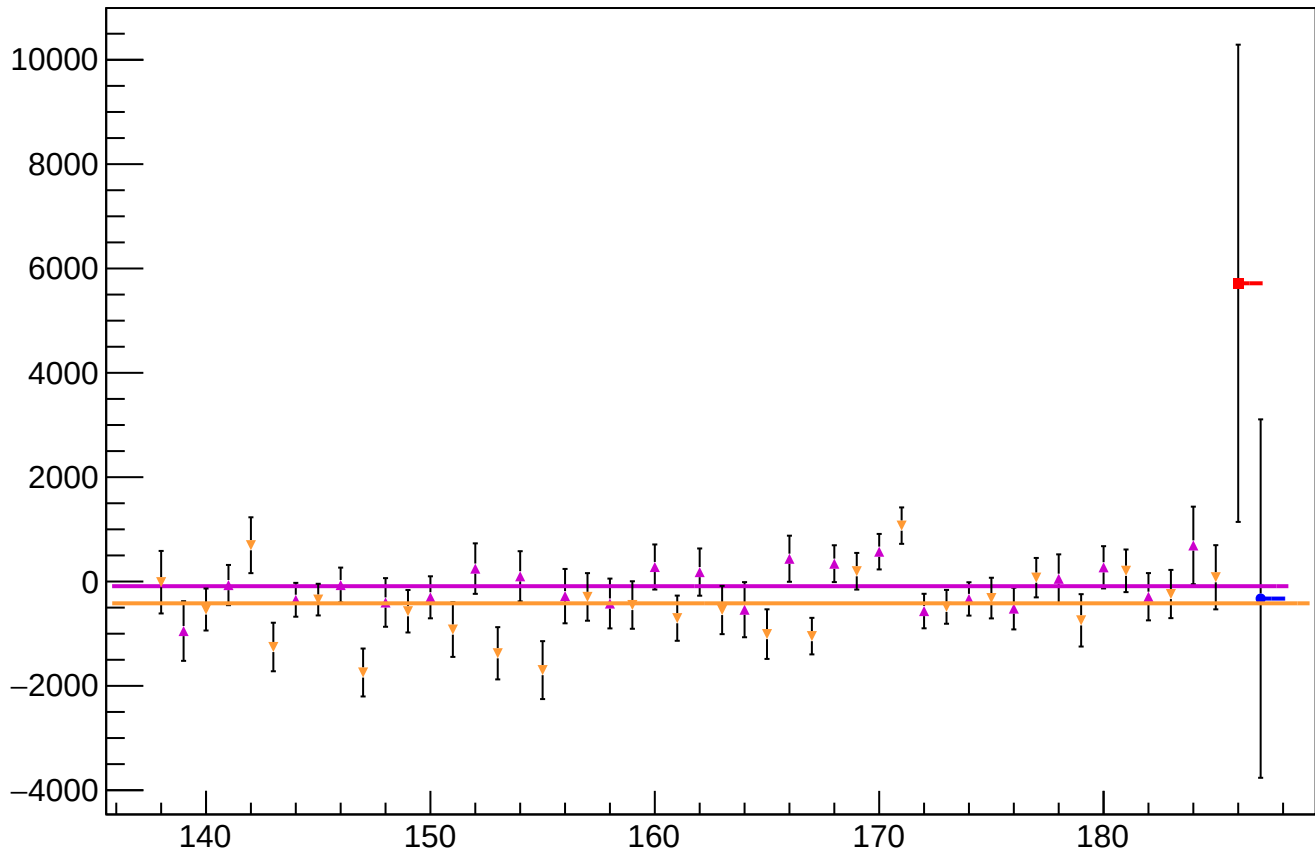
Left In: 60.355+/-0.010 χ^2/NDF : 1217671.4/22

+ sign 58.918+/-0.010 χ^2/NDF : 1539761.9/25

All: 59.662+/-0.007 χ^2/NDF : 3377327.4/49

- sign 60.476+/-0.010 χ^2/NDF : 1826043.3/23

asym_sam_1357_avg_correction_mean vs Slug



Right In: -326.908+/-3435.164 χ^2/NDF : 0.0/0

Left Out: -417.817+/-84.969 χ^2/NDF : 58.5/24

Right Out: 5716.278+/-4573.706 χ^2/NDF : 0.0/0

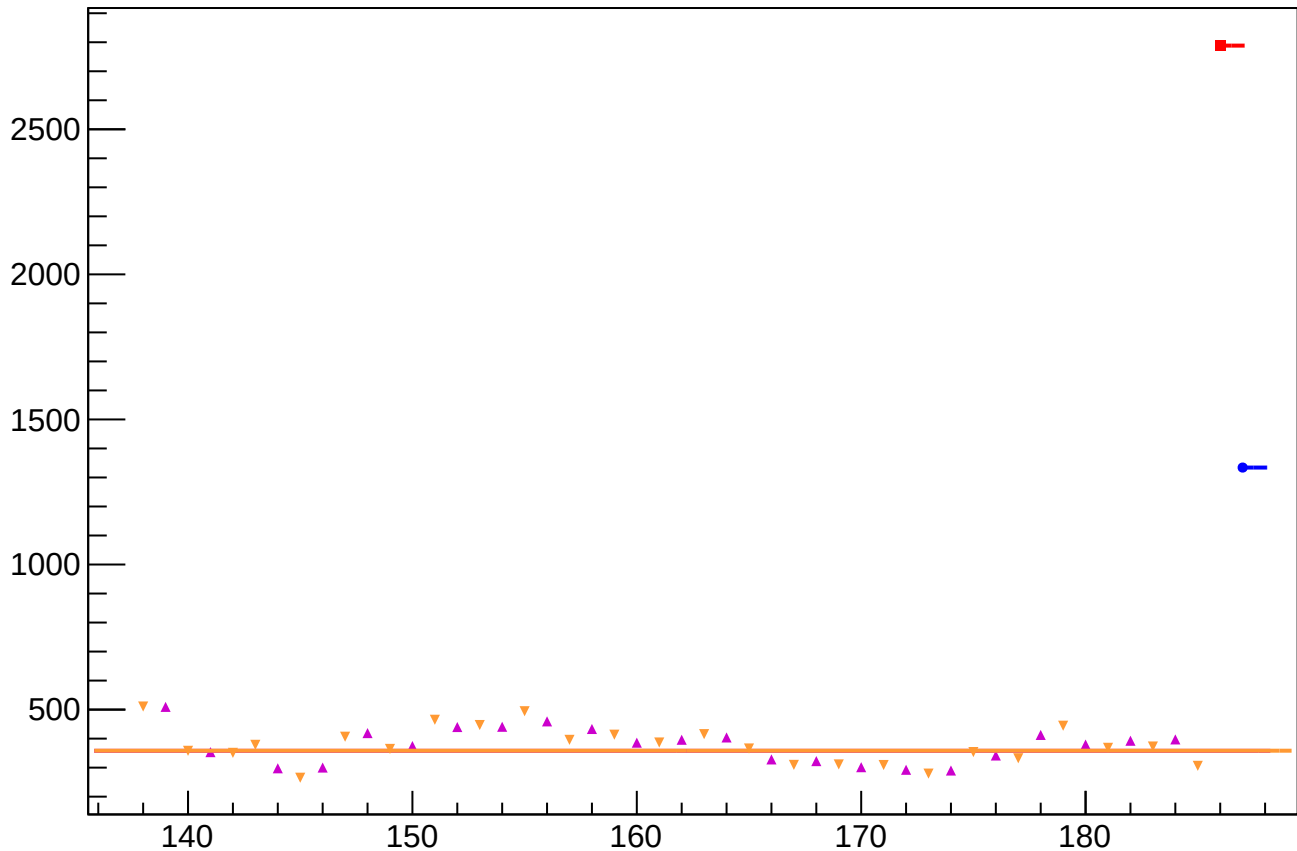
Left In: -89.505+/-86.438 χ^2/NDF : 19.4/22

+ sign -417.762+/-84.943 χ^2/NDF : 58.5/25

All: -255.449+/-60.580 χ^2/NDF : 87.0/49

- sign -87.432+/-86.423 χ^2/NDF : 21.0/23

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1334.167 $\pm$ 2.429 χ^2 /NDF: 0.0/0

Left Out: 358.349 $\pm$ 0.060 χ^2 /NDF:1011872.8/24

Right Out: 2788.413 $\pm$ 3.234 χ^2 /NDF: 0.0/0

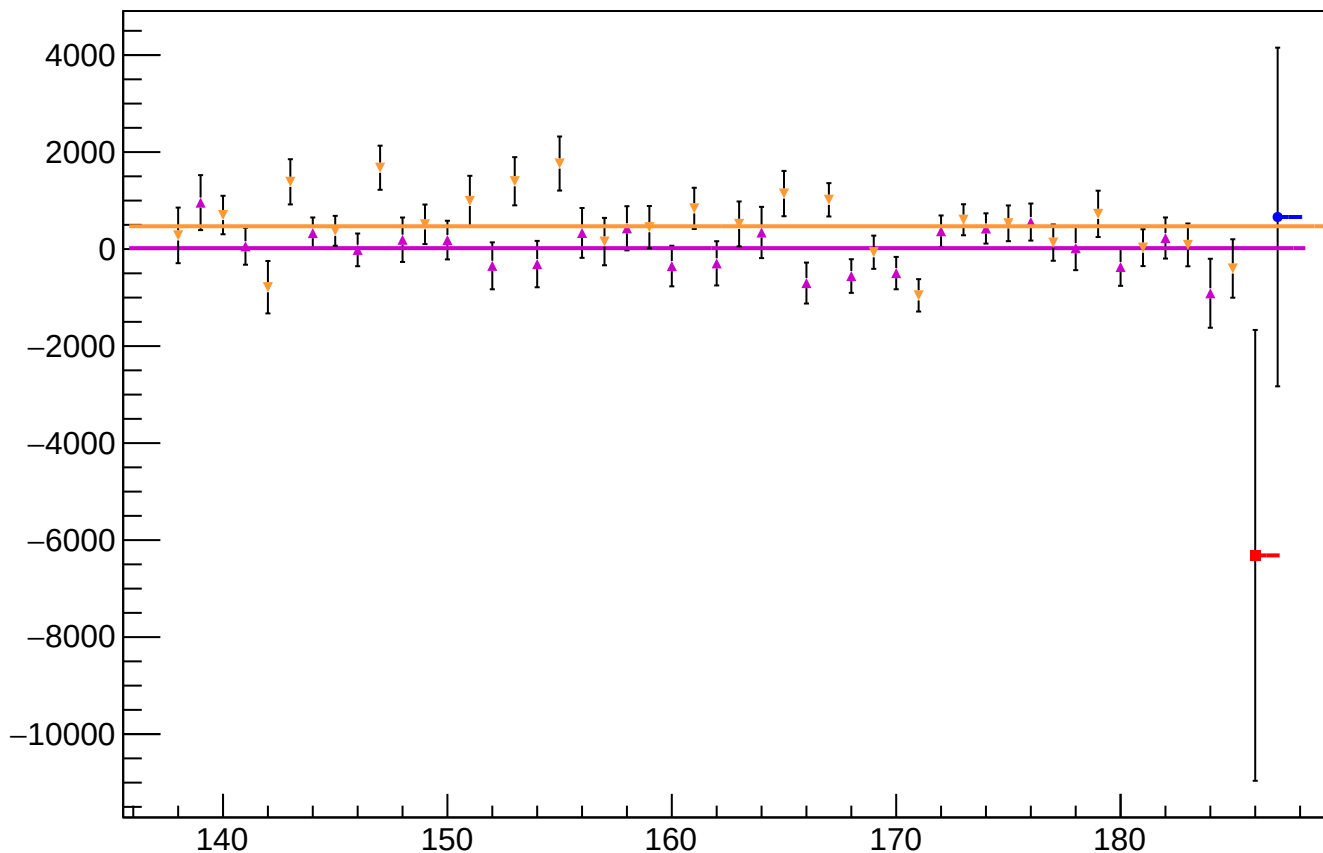
Left In: 357.802 $\pm$ 0.061 χ^2 /NDF:893330.5/22

+ sign 358.946 $\pm$ 0.060 χ^2 /NDF: 1173162.7/25

All: 358.810 $\pm$ 0.043 χ^2 /NDF: 2631140.6/49

- sign 358.669 $\pm$ 0.061 χ^2 /NDF: 1457967.6/23

asym_sam_1357_avg_mean vs Slug



Right In: 661.464 ± 3491.212 χ^2/NDF : 0.0/0

Left Out: 470.804 ± 83.480 χ^2/NDF : 58.7/24

Right Out: -6314.741 ± 4647.532 χ^2/NDF : 0.0/0

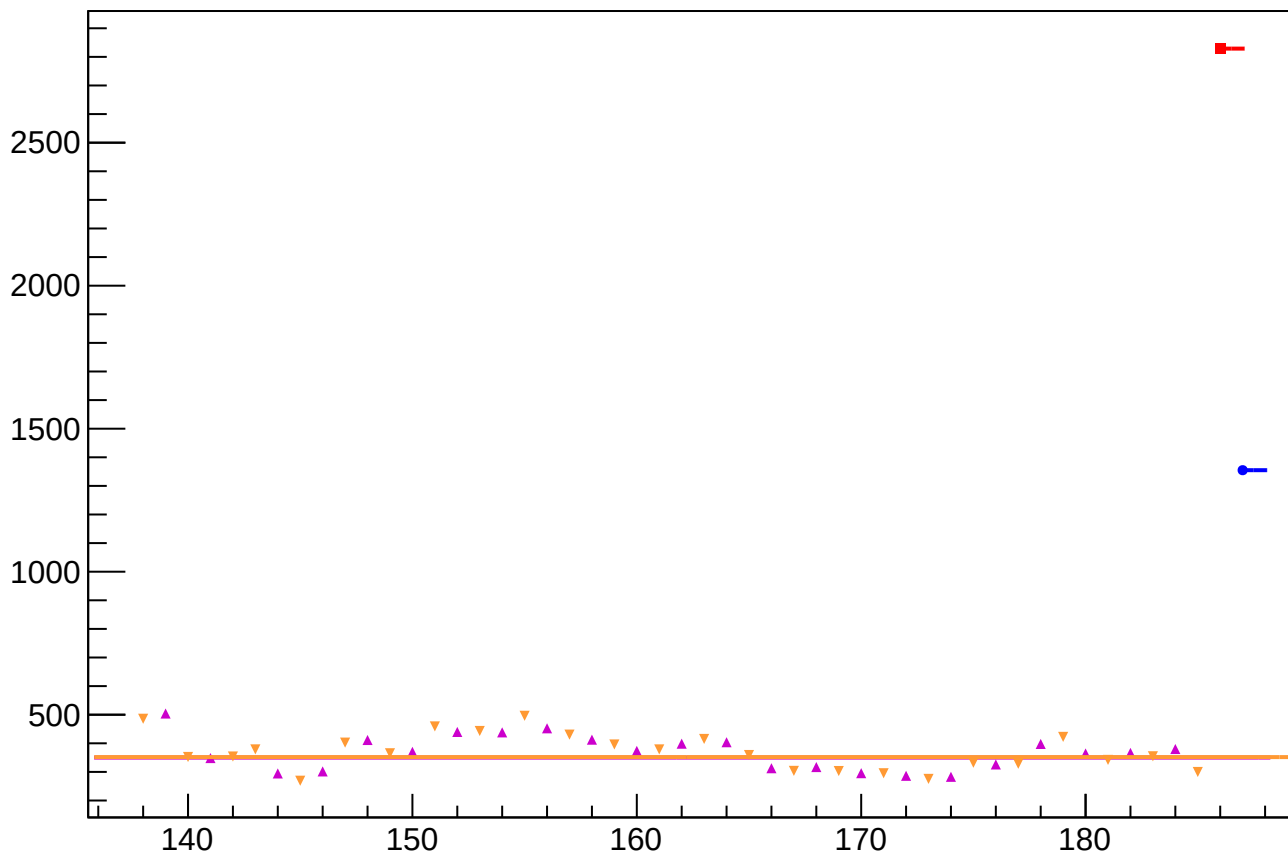
Left In: 19.328 ± 84.679 χ^2/NDF : 23.7/22

+ sign 470.913 ± 83.456 χ^2/NDF : 58.7/25

All: 247.333 ± 59.435 χ^2/NDF : 98.8/49

- sign 17.226 ± 84.665 χ^2/NDF : 25.5/23

asym_sam_1357_avg_rms vs Slug



Right In: 1354.921+/-2.469 χ^2/NDF : 0.0/0

Left Out: 351.777+/-0.059 χ^2/NDF :1016791.1/24

Right Out: 2828.897+/-3.286 χ^2/NDF : 0.0/0

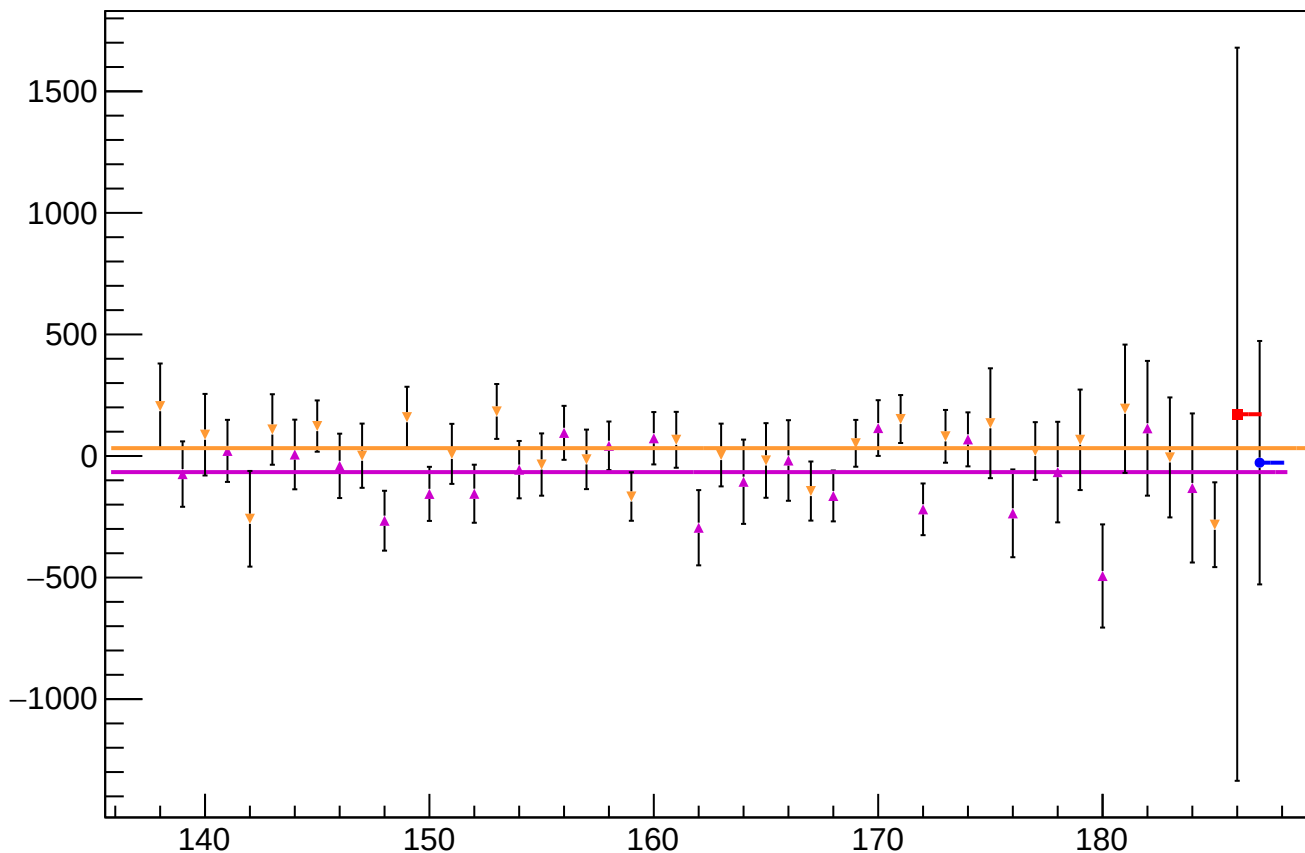
Left In: 350.037+/-0.060 χ^2/NDF :889435.7/22

+ sign 352.350+/-0.059 χ^2/NDF : 1181818.3/25

All: 351.616+/-0.042 χ^2/NDF : 2640349.3/49

- sign 350.860+/-0.060 χ^2/NDF : 1458216.6/23

dit_asym_sam_2468_avg_mean vs Slug



Right In: -27.511 ± 500.634 χ^2/NDF : 0.0/0

Left Out: 32.332 ± 26.320 χ^2/NDF : 19.6/24

Right Out: 171.793 ± 1507.763 χ^2/NDF : 0.0/0

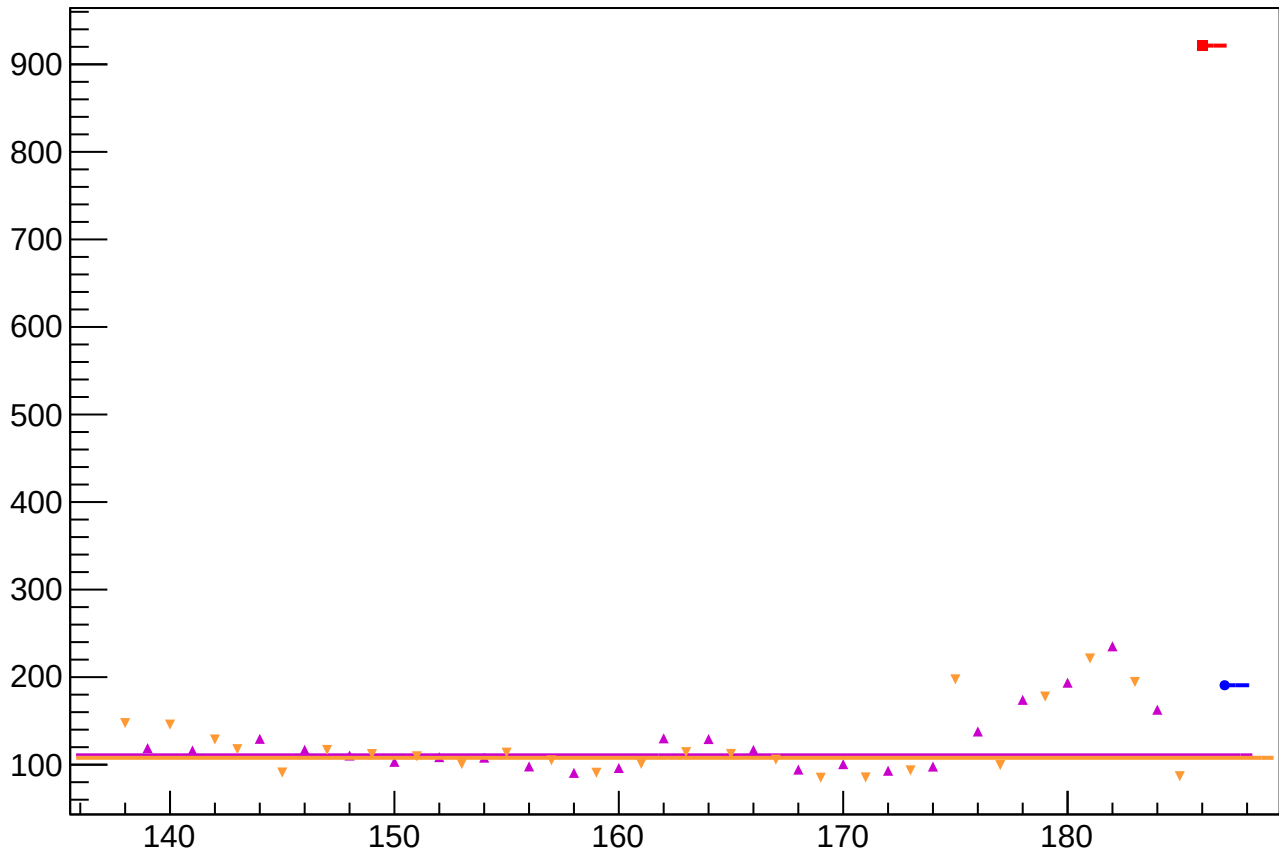
Left In: -66.254 ± 27.450 χ^2/NDF : 24.2/22

+ sign 32.167 ± 26.284 χ^2/NDF : 19.6/25

All: -14.879 ± 18.983 χ^2/NDF : 50.5/49

- sign -66.175 ± 27.446 χ^2/NDF : 24.2/23

dit_asym_sam_2468_avg_rms vs Slug



Right In: 190.736 $\pm$ 0.354 χ^2 /NDF: 0.0/0

Left Out: 107.852 $\pm$ 0.019 χ^2 /NDF:1833747.9/24

Right Out: 921.402 $\pm$ 1.066 χ^2 /NDF: 0.0/0

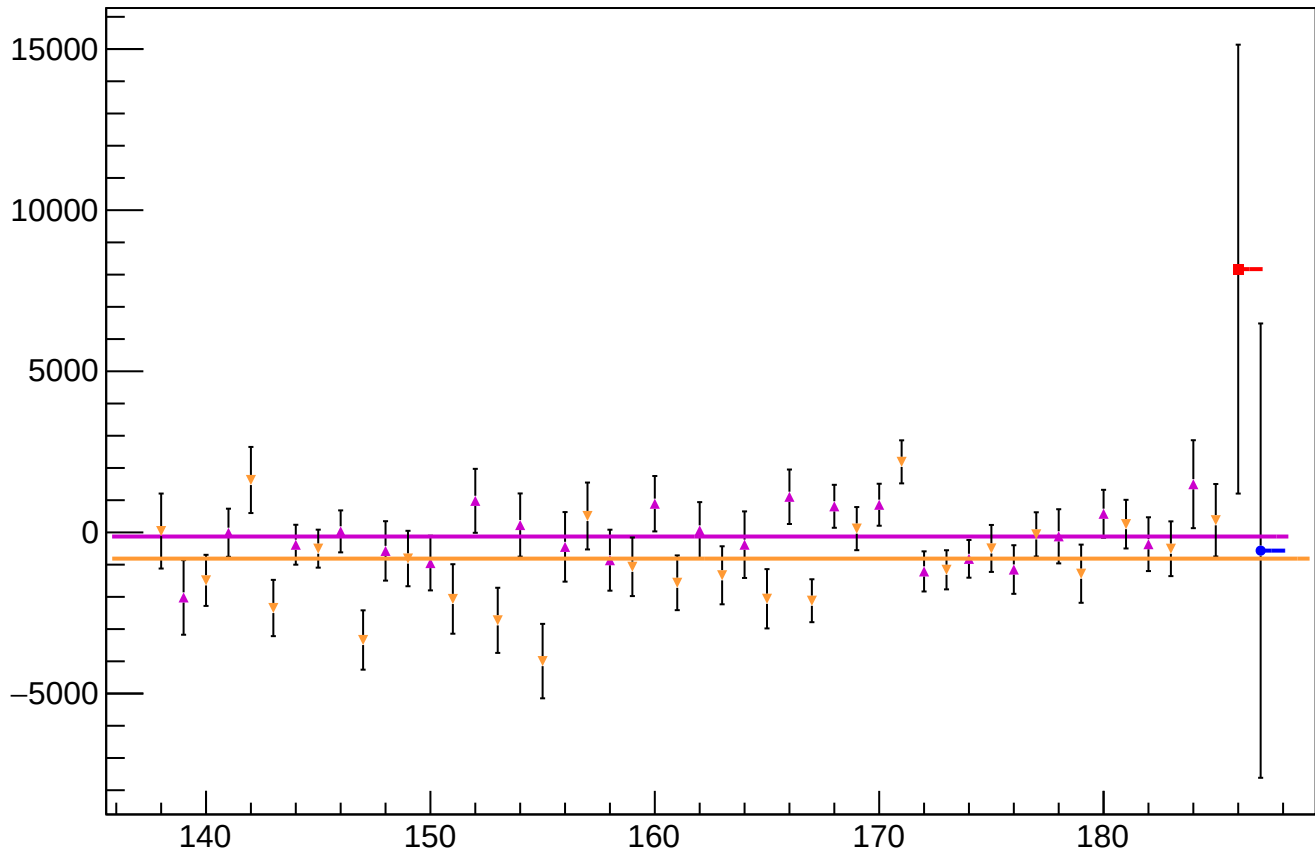
Left In: 110.691 $\pm$ 0.019 χ^2 /NDF:1406587.3/22

+ sign 108.081 $\pm$ 0.019 χ^2 /NDF: 1888416.1/25

All: 109.458 $\pm$ 0.013 χ^2 /NDF: 3884513.5/49

- sign 110.959 $\pm$ 0.019 χ^2 /NDF: 1984618.8/23

asym_sam_2468_avg_correction_mean vs Slug



Right In: -565.094+/-7049.637 χ^2/NDF : 0.0/0

Left Out: -813.029+/-164.102 χ^2/NDF : 66.2/24

Right Out: 8170.712+/-6965.269 χ^2/NDF : 0.0/0

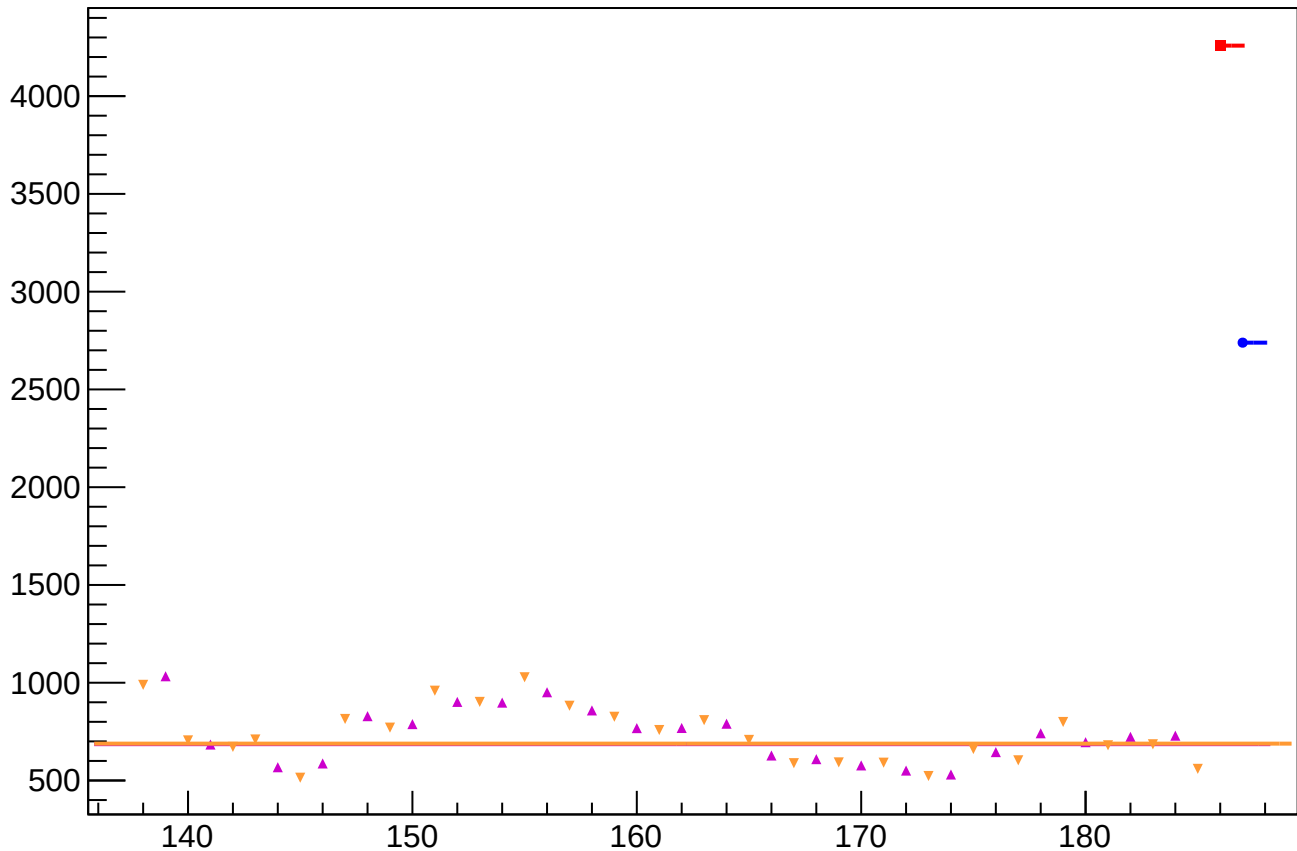
Left In: -127.427+/-166.308 χ^2/NDF : 22.8/22

+ sign -812.895+/-164.058 χ^2/NDF : 66.2/25

All: -472.401+/-116.777 χ^2/NDF : 99.1/49

- sign -122.699+/-166.261 χ^2/NDF : 24.2/23

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2739.191+/-4.985 χ^2/NDF : 0.0/0

Left Out: 688.513+/-0.116 χ^2/NDF : 1287701.8/24

Right Out: 4258.237+/-4.925 χ^2/NDF : 0.0/0

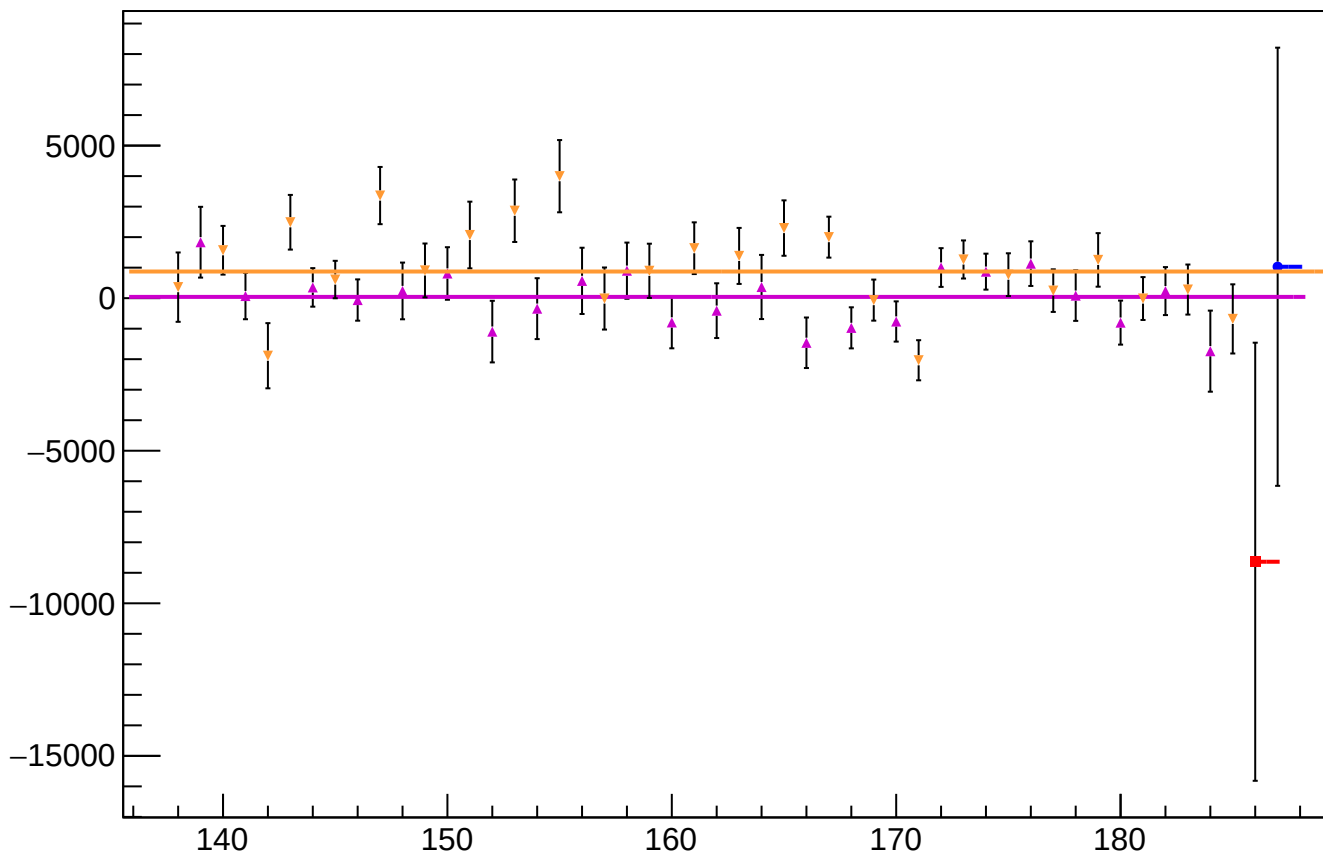
Left In: 685.733+/-0.118 χ^2/NDF : 1156263.7/22

+ sign 689.623+/-0.116 χ^2/NDF : 1456845.7/25

All: 688.709+/-0.083 χ^2/NDF : 3139073.7/49

- sign 687.769+/-0.118 χ^2/NDF : 1682102.0/23

asym_sam_2468_avg_mean vs Slug



Right In: 1029.252 $\pm$ 7179.977 χ^2 /NDF: 0.0/0

Left Out: 873.446 $\pm$ 164.269 χ^2 /NDF:64.1/24

Right Out: -8638.169 $\pm$ 7178.781 χ^2 /NDF: 0.0/0

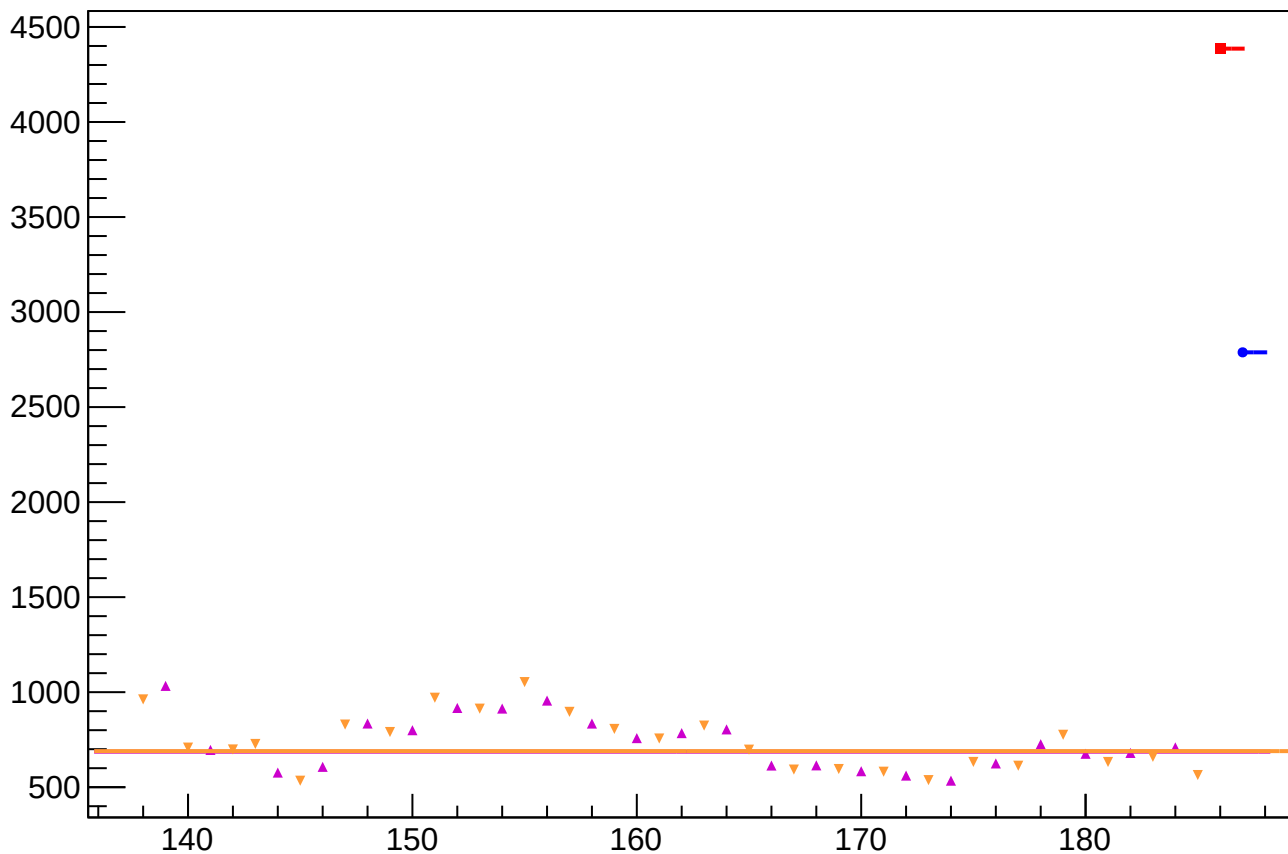
Left In: 41.522 $\pm$ 166.728 χ^2 /NDF:24.1/22

+ sign 873.528 $\pm$ 164.226 χ^2 /NDF: 64.1/25

All: 461.397 $\pm$ 116.984 χ^2 /NDF: 102.5/49

- sign 36.843 $\pm$ 166.683 χ^2 /NDF: 25.6/23

asym_sam_2468_avg_rms vs Slug



Right In: 2788.062 $\pm$ 5.077 χ^2 /NDF: 0.0/0

Left Out: 689.767 $\pm$ 0.116 χ^2 /NDF:1258608.7/24

Right Out: 4386.042 $\pm$ 5.076 χ^2 /NDF: 0.0/0

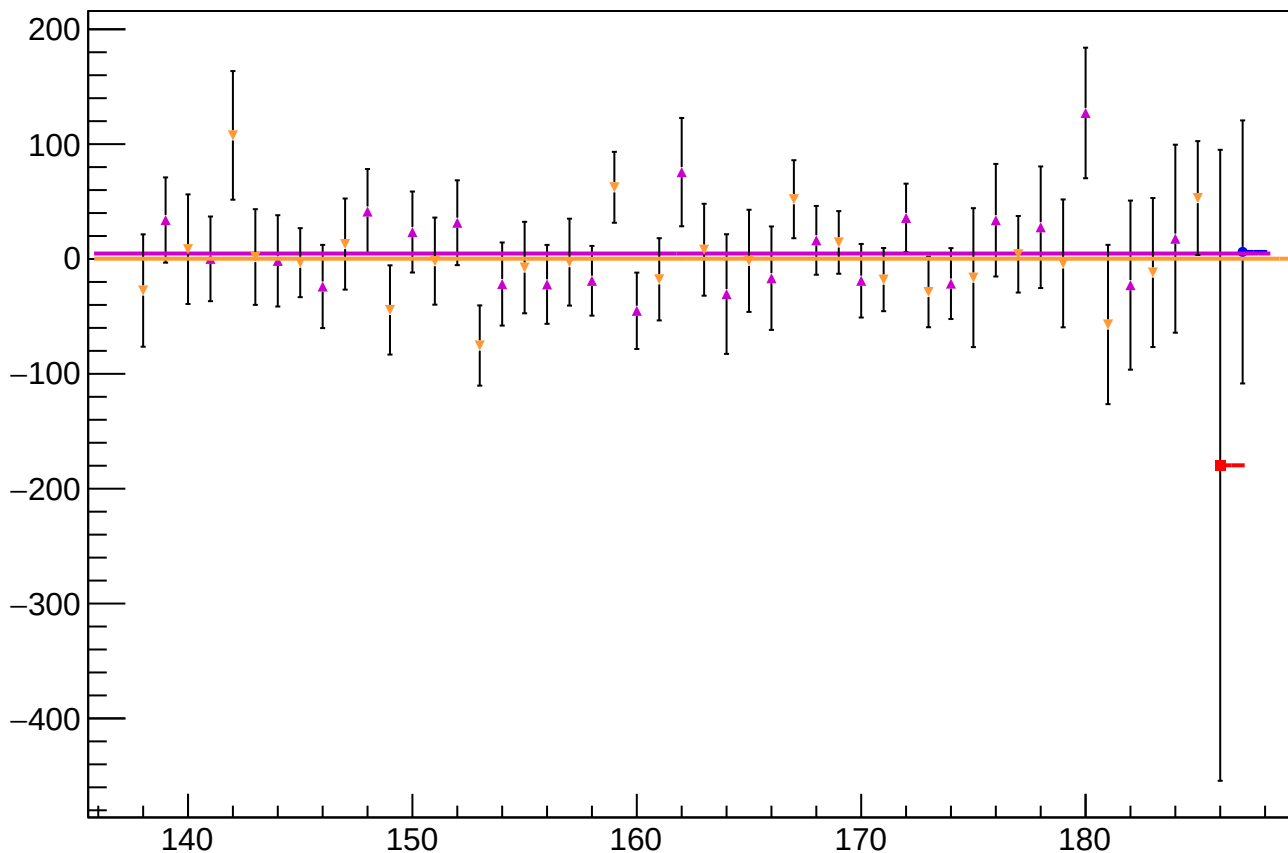
Left In: 686.944 $\pm$ 0.118 χ^2 /NDF:1116042.4/22

+ sign 690.864 $\pm$ 0.116 χ^2 /NDF: 1429330.9/25

All: 689.915 $\pm$ 0.083 χ^2 /NDF: 3076253.9/49

- sign 688.938 $\pm$ 0.118 χ^2 /NDF: 1646787.5/23

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: 6.142 ± 114.514 χ^2/NDF : 0.0/0

Left Out: 0.254 ± 7.690 χ^2/NDF : 20.4/24

Right Out: -179.642 ± 274.680 χ^2/NDF : 0.0/0

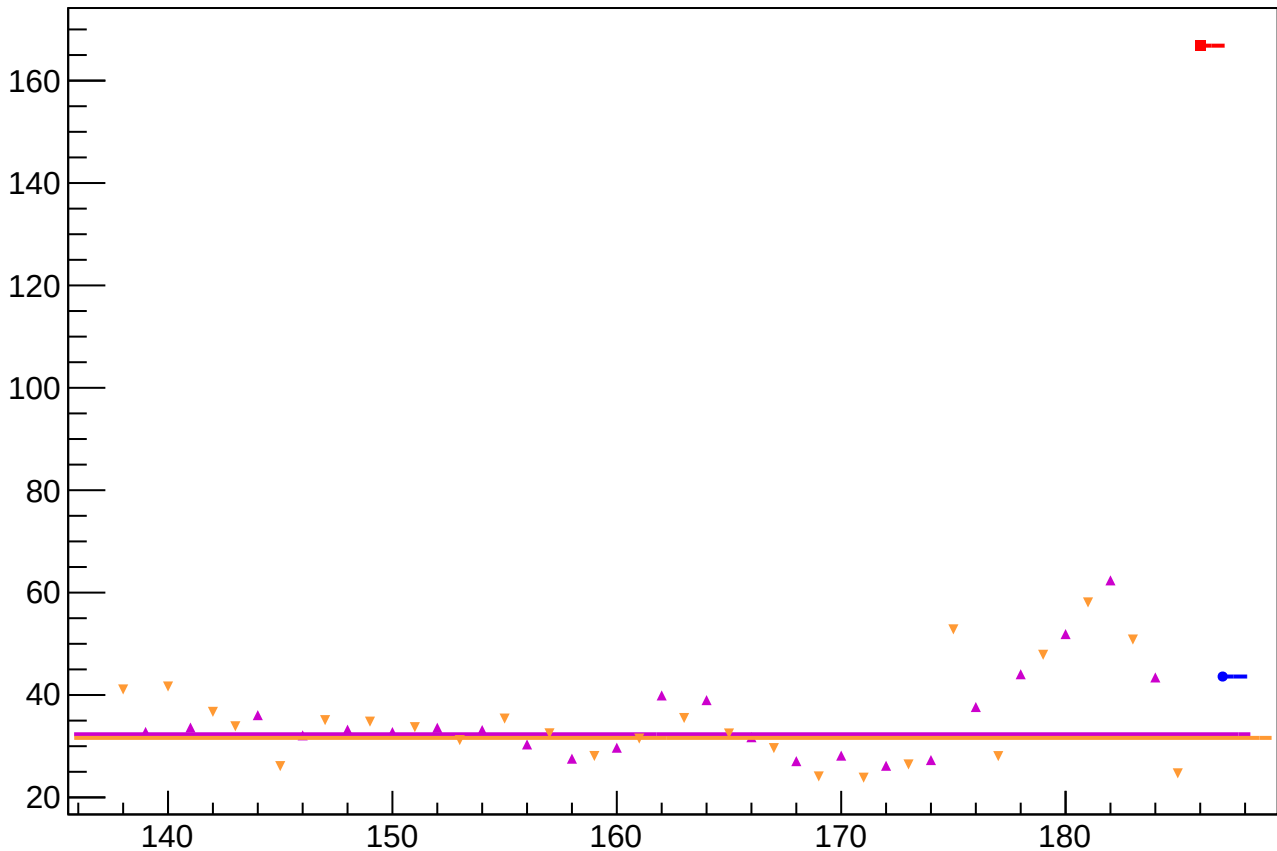
Left In: 4.745 ± 7.976 χ^2/NDF : 17.9/22

+ sign 0.280 ± 7.673 χ^2/NDF : 20.4/25

All: 2.353 ± 5.528 χ^2/NDF : 38.9/49

- sign 4.590 ± 7.972 χ^2/NDF : 18.3/23

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 43.608 $\pm$ 0.081 χ^2 /NDF: 0.0/0

Left Out: 31.624 $\pm$ 0.005 χ^2 /NDF:1673431.1/24

Right Out: 166.829 $\pm$ 0.194 χ^2 /NDF: 0.0/0

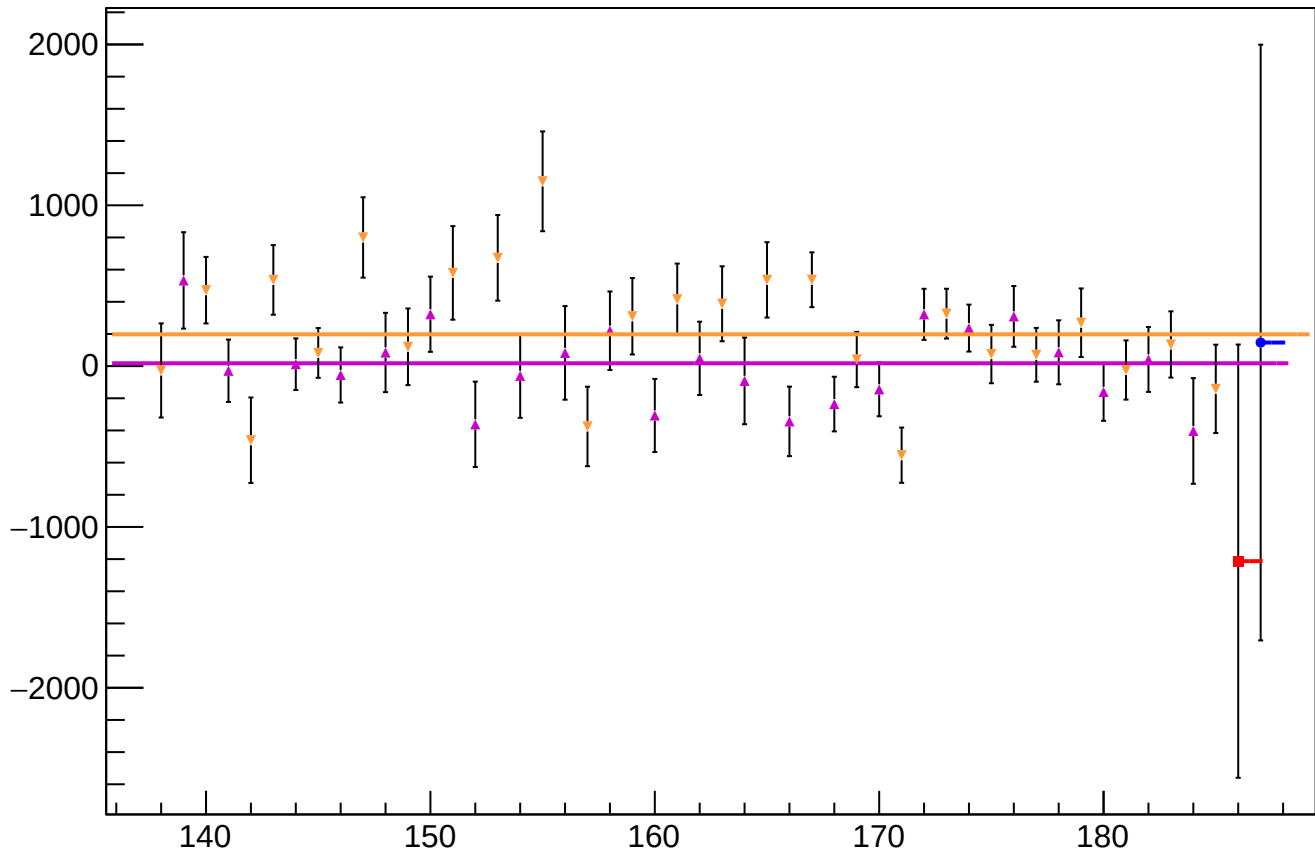
Left In: 32.331 $\pm$ 0.006 χ^2 /NDF:1141501.0/22

+ sign 31.678 $\pm$ 0.005 χ^2 /NDF: 1695235.4/25

All: 32.047 $\pm$ 0.004 χ^2 /NDF: 3325447.0/49

- sign 32.444 $\pm$ 0.006 χ^2 /NDF: 1620619.8/23

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 146.623 $\pm$ 1852.132 χ^2 /NDF: 0.0/0

Left Out: 197.682 $\pm$ 41.831 χ^2 /NDF:69.9/24

Right Out: -1212.749 $\pm$ 1346.998 χ^2 /NDF: 0.0/0

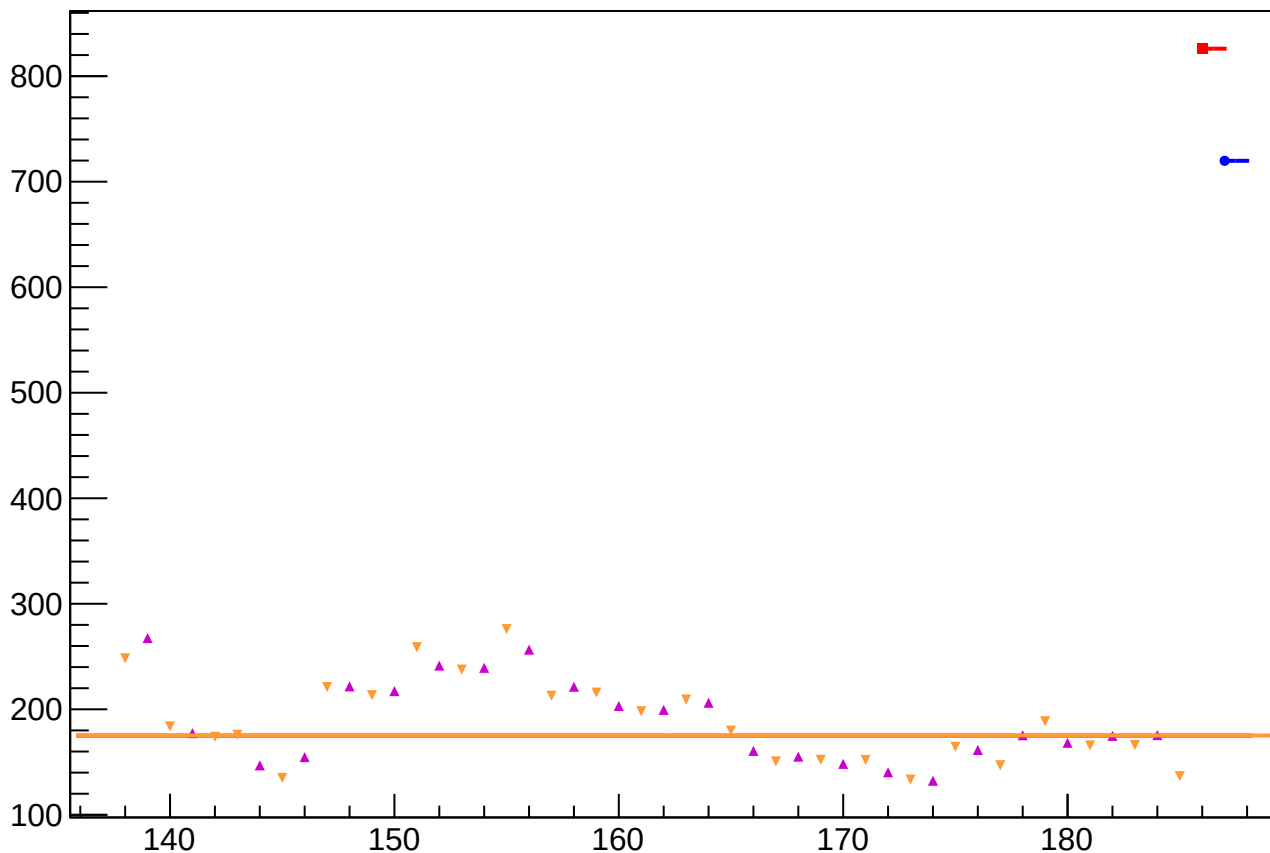
Left In: 17.742 $\pm$ 42.576 χ^2 /NDF:27.1/22

+ sign 197.656 $\pm$ 41.821 χ^2 /NDF: 69.9/25

All: 108.660 $\pm$ 29.828 χ^2 /NDF: 107.0/49

- sign 16.514 $\pm$ 42.555 χ^2 /NDF: 27.9/23

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 719.784 $\pm$ 1.310 χ^2 /NDF: 0.0/0

Left Out: 175.207 $\pm$ 0.030 χ^2 /NDF:1418225.0/24

Right Out: 826.050 $\pm$ 0.952 χ^2 /NDF: 0.0/0

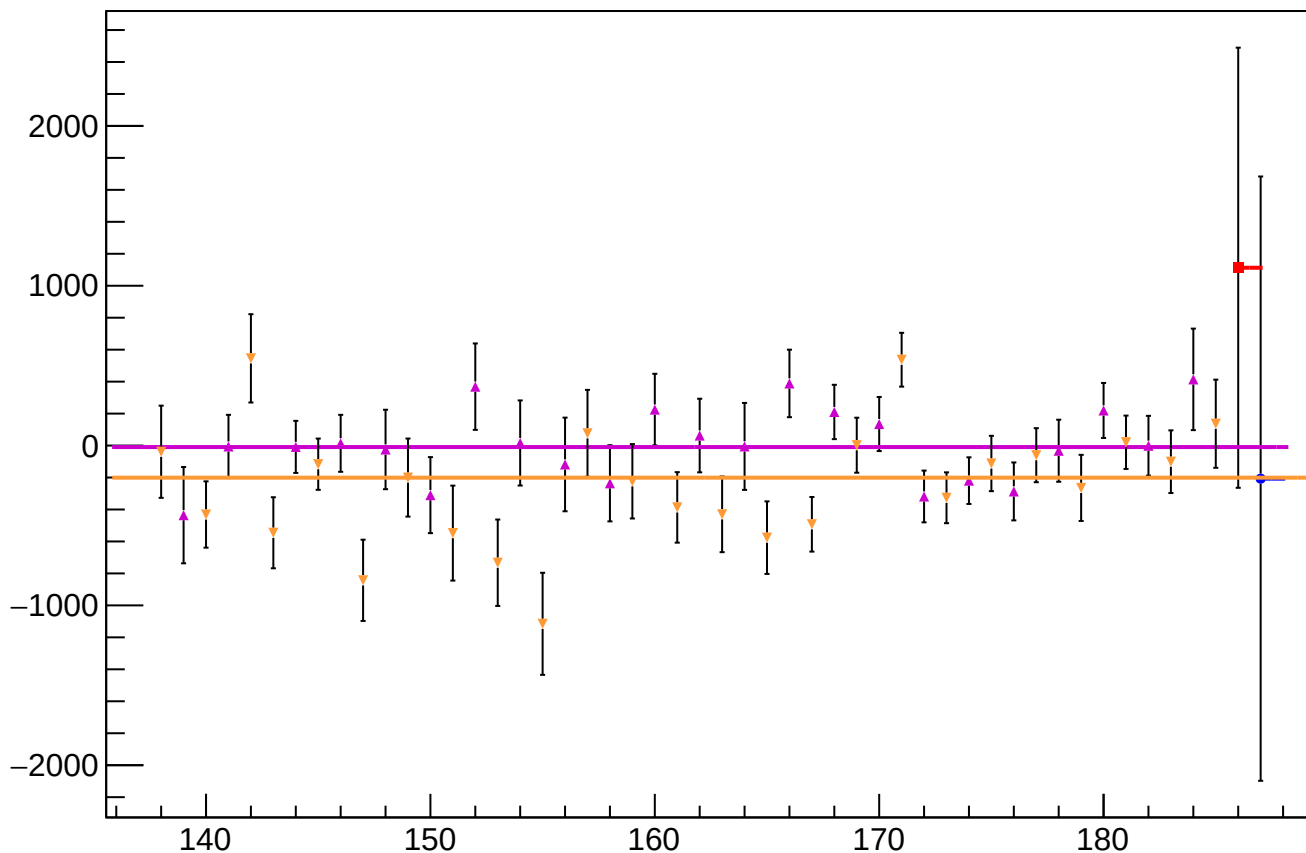
Left In: 175.051 $\pm$ 0.030 χ^2 /NDF:1339755.1/22

+ sign 175.485 $\pm$ 0.030 χ^2 /NDF: 1591040.3/25

All: 175.591 $\pm$ 0.021 χ^2 /NDF: 3397505.8/49

- sign 175.701 $\pm$ 0.030 χ^2 /NDF: 1806439.3/23

asym_sam_1357_2468_dd_mean vs Slug



Right In: -207.026 $\pm$ 1890.566 χ^2 /NDF: 0.0/0

Left Out: -200.930 $\pm$ 41.741 χ^2 /NDF: 65.5/24

Right Out: 1112.654 $\pm$ 1376.970 χ^2 /NDF: 0.0/0

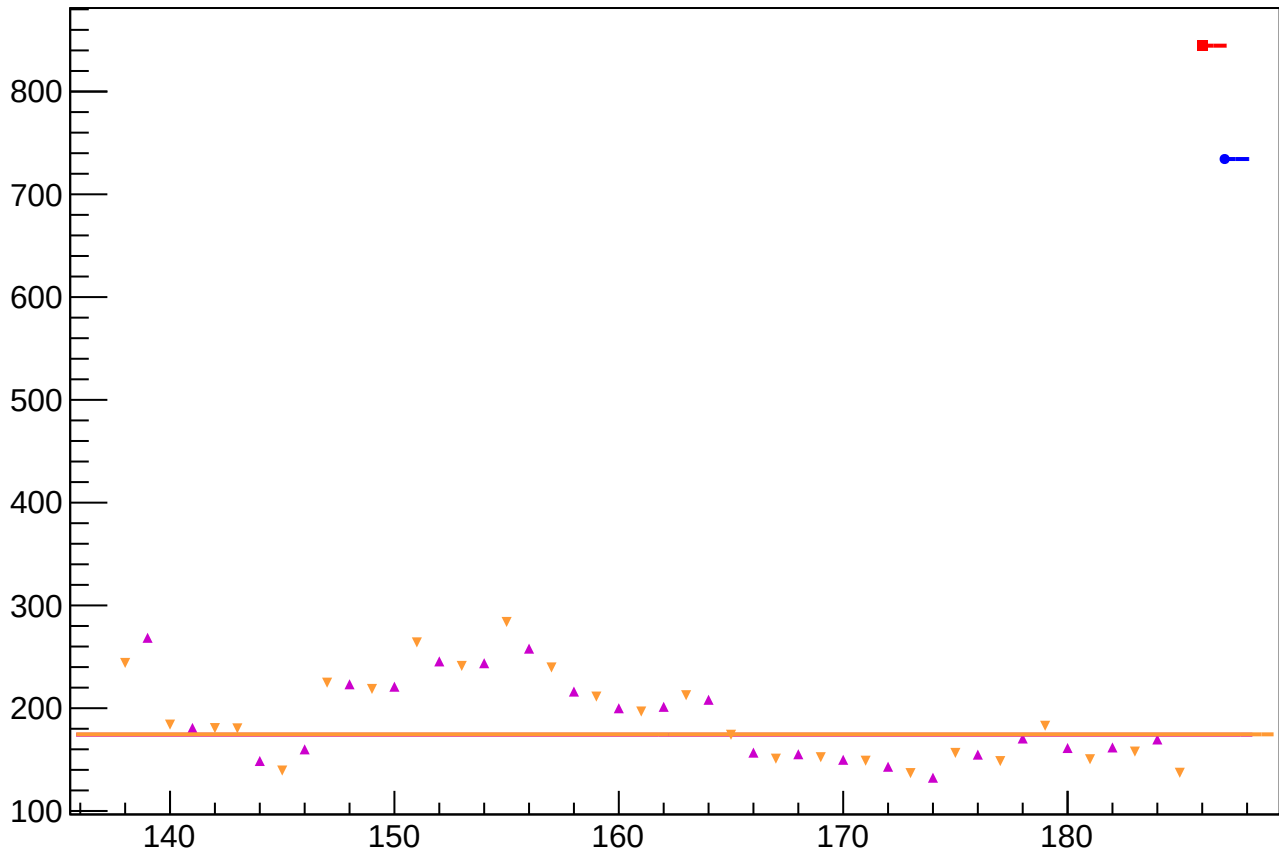
Left In: -9.384 $\pm$ 42.437 χ^2 /NDF: 25.4/22

+ sign -200.933 $\pm$ 41.731 χ^2 /NDF: 65.5/25

All: -106.195 $\pm$ 29.748 χ^2 /NDF: 102.0/49

- sign -8.319 $\pm$ 42.417 χ^2 /NDF: 26.1/23

asym_sam_1357_2468_dd_rms vs Slug



Right In: 734.330+/-1.337 χ^2/NDF : 0.0/0

Left Out: 174.567+/-0.030 χ^2/NDF :1532900.3/24

Right Out: 844.622+/-0.974 χ^2/NDF : 0.0/0

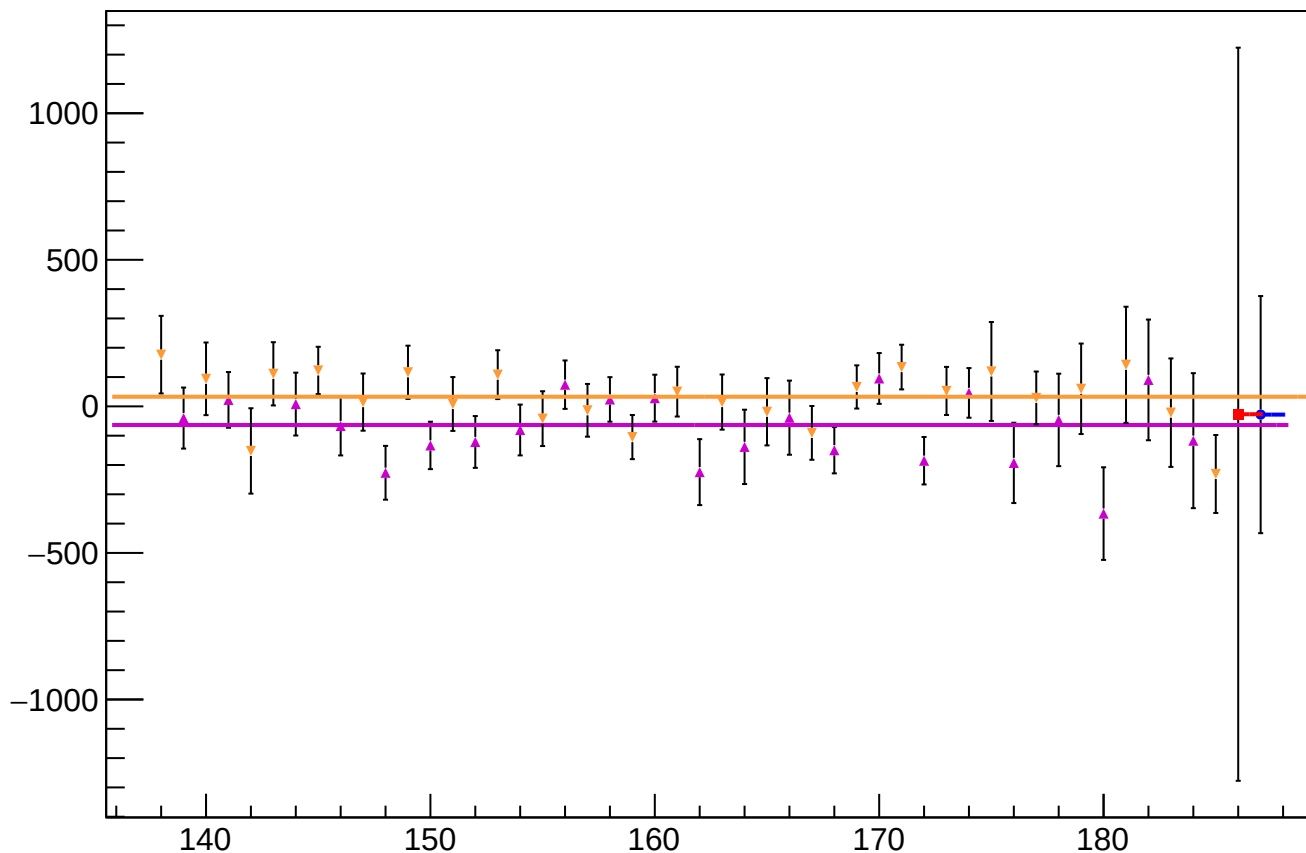
Left In: 174.217+/-0.030 χ^2/NDF :1364600.9/22

+ sign 174.839+/-0.030 χ^2/NDF : 1708144.5/25

All: 174.846+/-0.021 χ^2/NDF : 3546380.3/49

- sign 174.853+/-0.030 χ^2/NDF : 1838235.8/23

dit_asym_sam_12345678_avg_mean vs Slug



Right In: -28.121 ± 404.486 χ^2/NDF : 0.0/0

Left Out: 32.793 ± 19.705 χ^2/NDF : 19.5/24

Right Out: -26.835 ± 1250.577 χ^2/NDF : 0.0/0

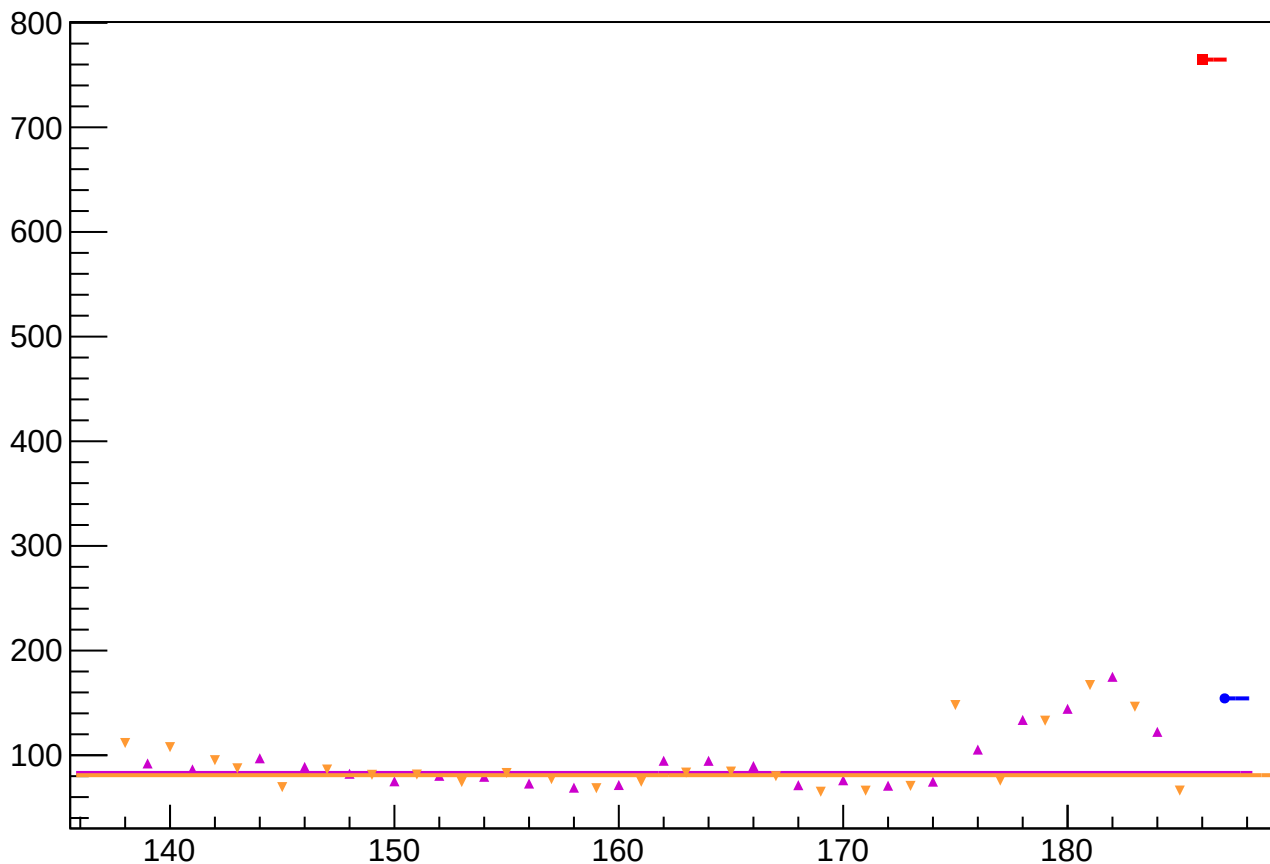
Left In: -63.566 ± 20.573 χ^2/NDF : 27.2/22

+ sign 32.649 ± 19.682 χ^2/NDF : 19.6/25

All: -13.331 ± 14.221 χ^2/NDF : 58.1/49

- sign -63.556 ± 20.571 χ^2/NDF : 27.2/23

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 154.310 $\pm$ 0.286 χ^2 /NDF: 0.0/0

Left Out: 80.926 $\pm$ 0.014 χ^2 /NDF: 1760910.0/24

Right Out: 764.705 $\pm$ 0.884 χ^2 /NDF: 0.0/0

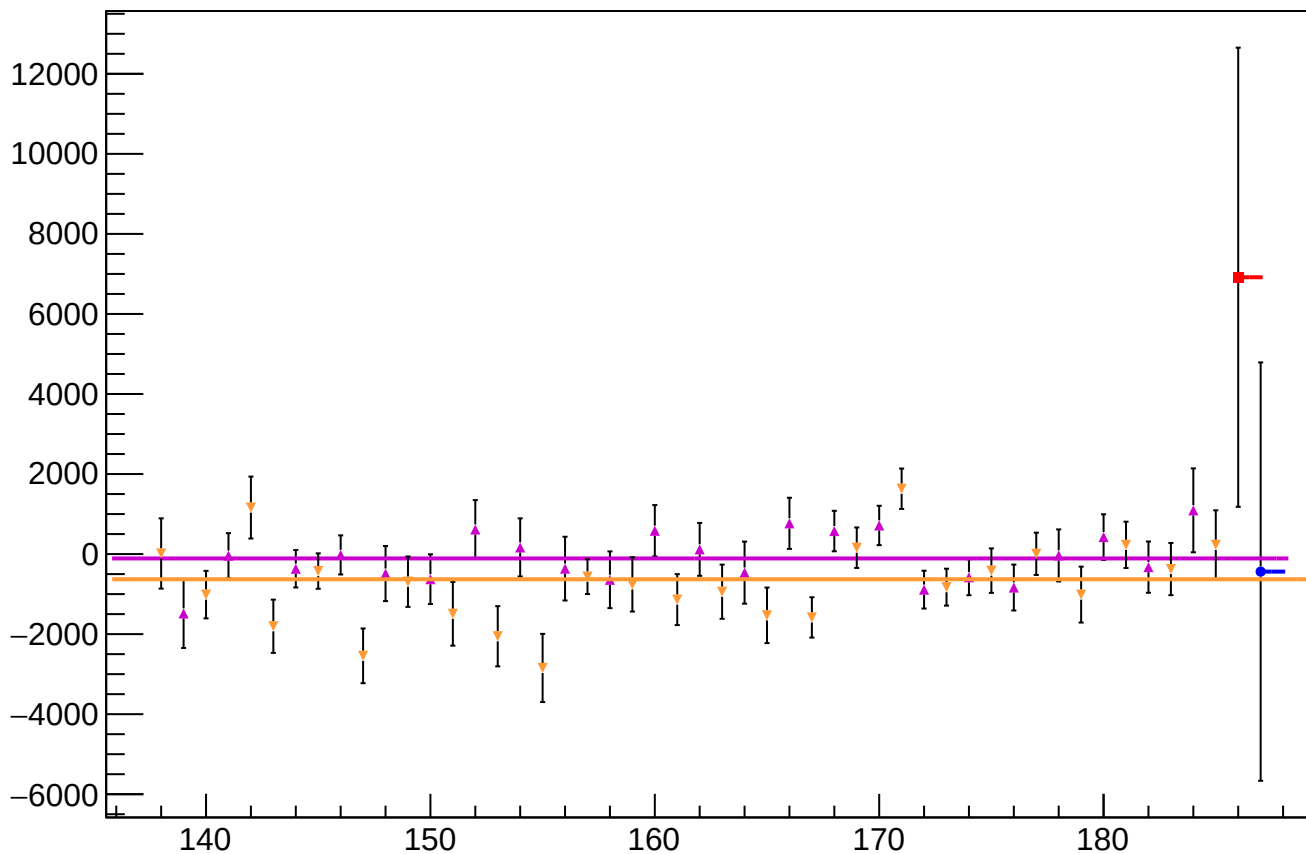
Left In: 83.071 $\pm$ 0.015 χ^2 /NDF: 1405124.8/22

+ sign 81.100 $\pm$ 0.014 χ^2 /NDF: 1826583.3/25

All: 82.130 $\pm$ 0.010 χ^2 /NDF: 3837176.5/49

- sign 83.255 $\pm$ 0.015 χ^2 /NDF: 1999135.9/23

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -437.935 ± 5226.879 χ^2/NDF : 0.0/0

Left Out: -629.005 ± 120.608 χ^2/NDF : 63.2/24

Right Out: 6916.957 ± 5736.411 χ^2/NDF : 0.0/0

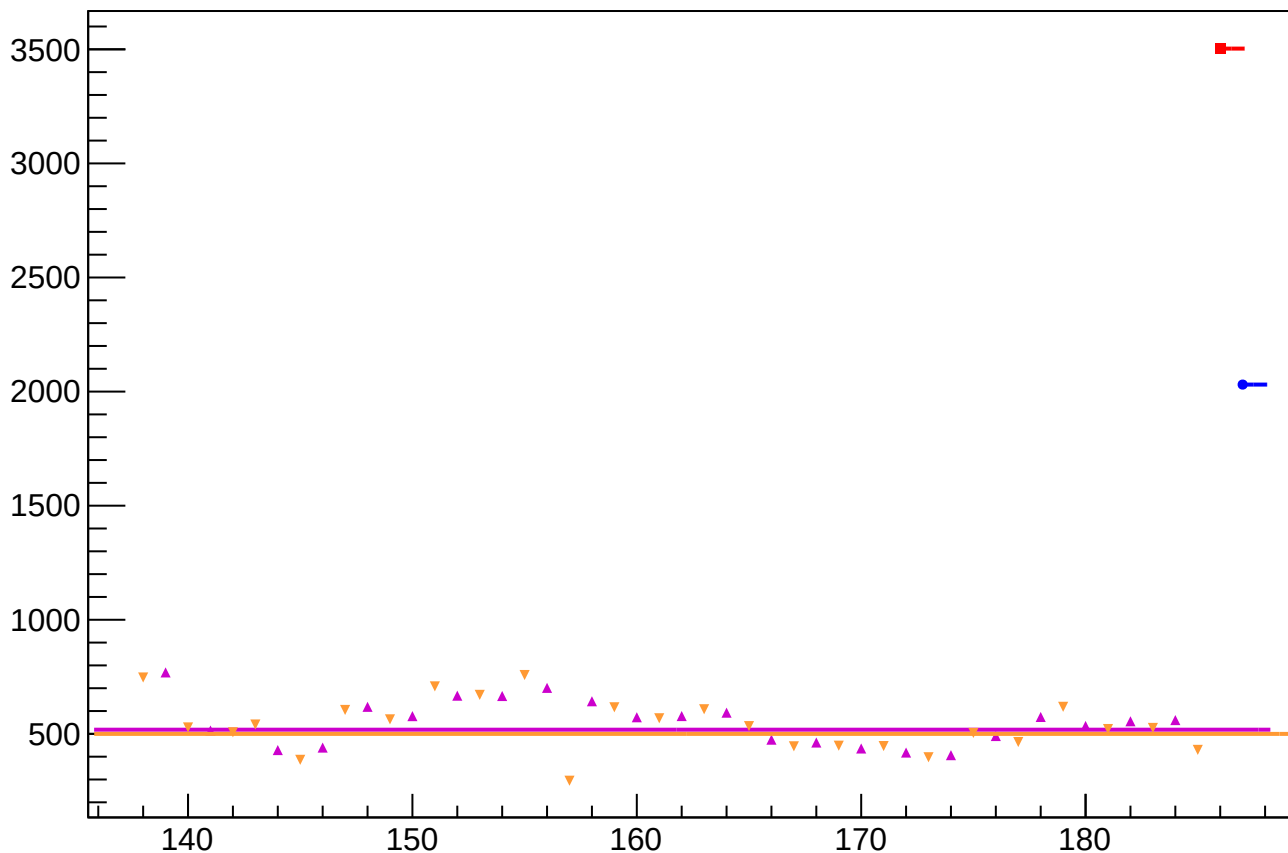
Left In: -108.821 ± 125.527 χ^2/NDF : 21.4/22

+ sign -628.903 ± 120.576 χ^2/NDF : 63.2/25

All: -377.646 ± 86.948 χ^2/NDF : 95.1/49

- sign -105.459 ± 125.497 χ^2/NDF : 22.9/23

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 2030.722+/-3.696 χ^2/NDF : 0.0/0

Left Out: 499.813+/-0.085 χ^2/NDF : 1626530.8/24

Right Out: 3503.178+/-4.056 χ^2/NDF : 0.0/0

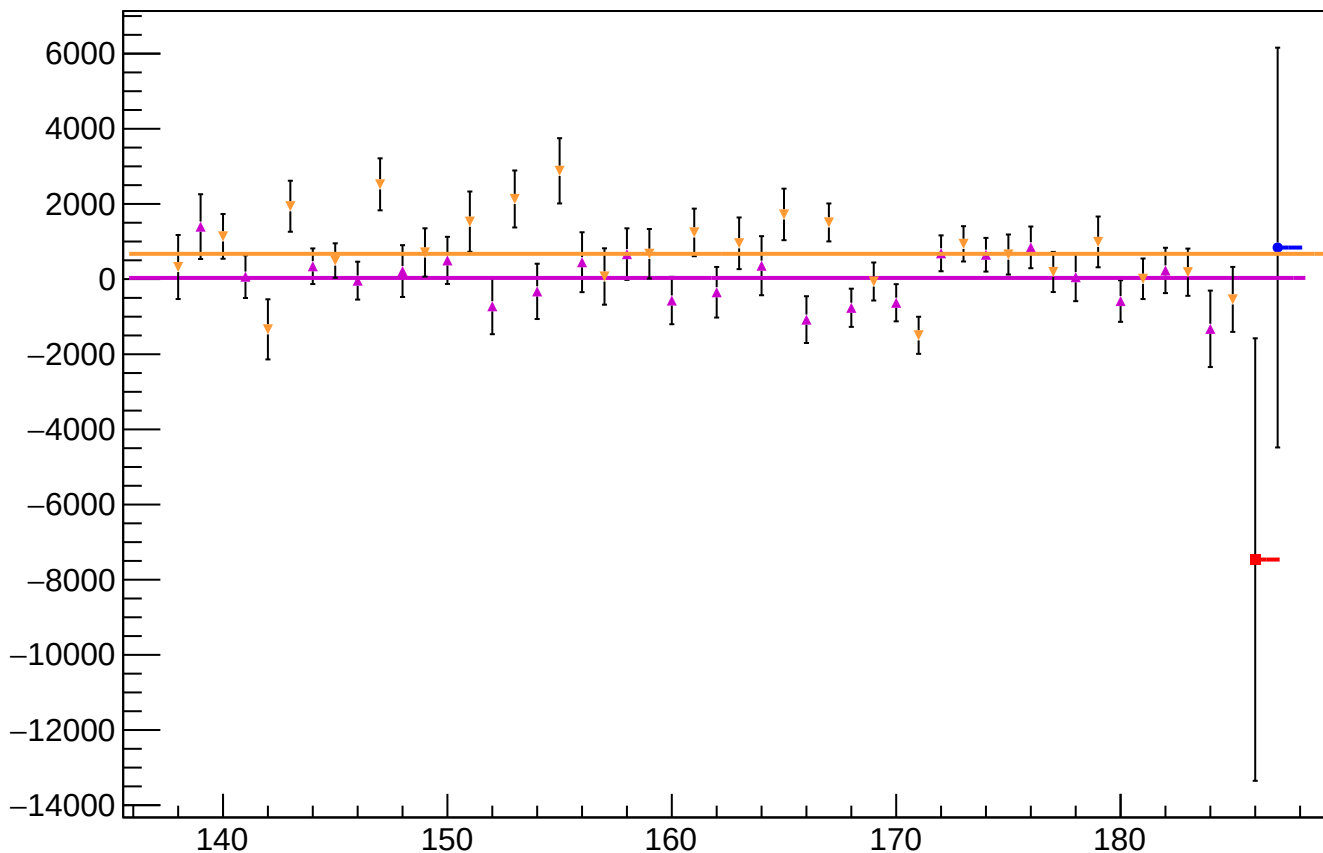
Left In: 518.244+/-0.089 χ^2/NDF : 1071993.3/22

+ sign 500.628+/-0.085 χ^2/NDF : 1798010.5/25

All: 509.770+/-0.061 χ^2/NDF : 3435221.7/49

- sign 519.673+/-0.089 χ^2/NDF : 1613259.8/23

asym_sam_12345678_avg_mean vs Slug



Right In: 839.132 $\pm$ 5319.599 χ^2 /NDF: 0.0/0

Left Out: 672.498 $\pm$ 123.428 χ^2 /NDF:62.8/24

Right Out: -7463.380 $\pm$ 5887.982 χ^2 /NDF: 0.0/0

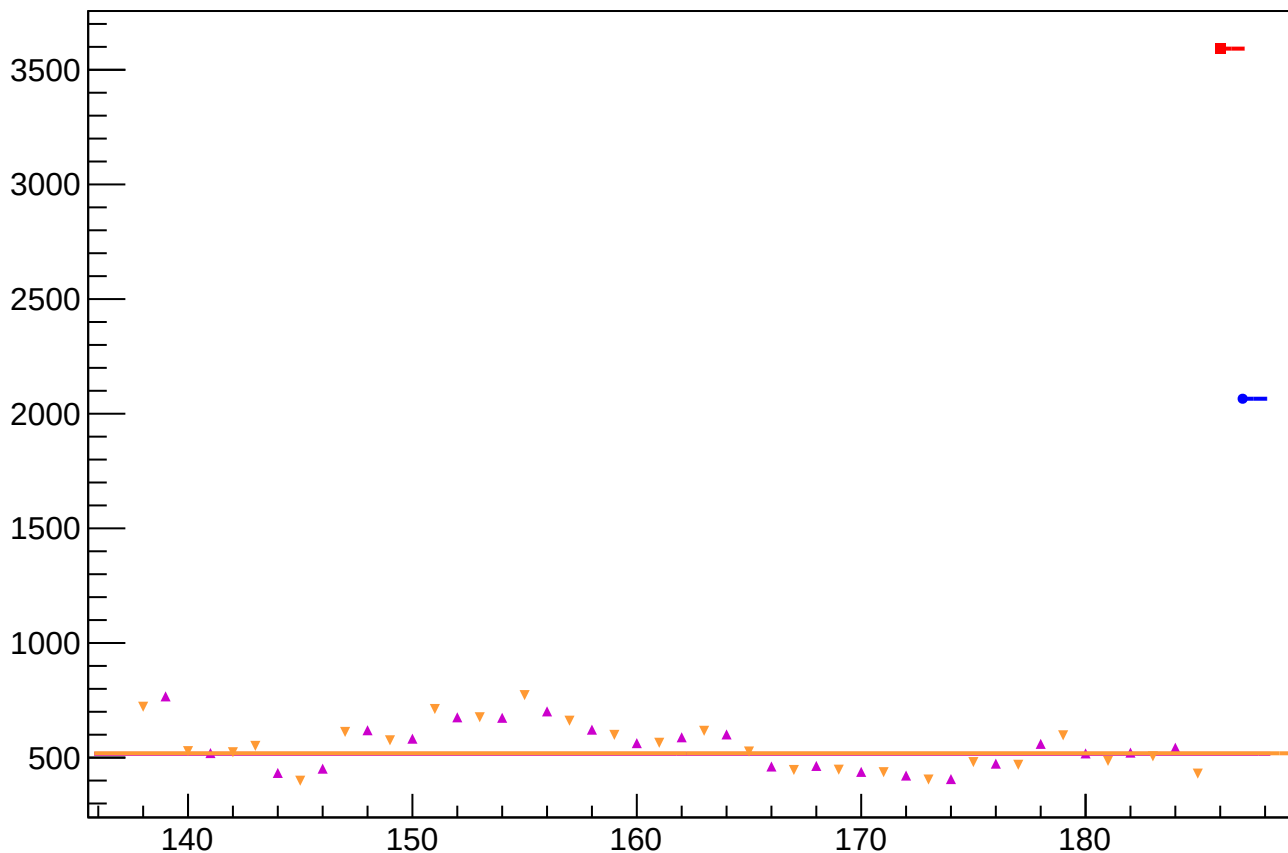
Left In: 31.056 $\pm$ 125.236 χ^2 /NDF:23.8/22

+ sign 672.588 $\pm$ 123.395 χ^2 /NDF: 62.8/25

All: 354.831 $\pm$ 87.887 χ^2 /NDF: 101.7/49

- sign 27.667 $\pm$ 125.208 χ^2 /NDF: 25.5/23

asym_sam_12345678_avg_rms vs Slug



Right In: 2065.356+/-3.762 χ^2/NDF : 0.0/0

Left Out: 518.935+/-0.087 χ^2/NDF : 1172613.9/24

Right Out: 3592.334+/-4.163 χ^2/NDF : 0.0/0

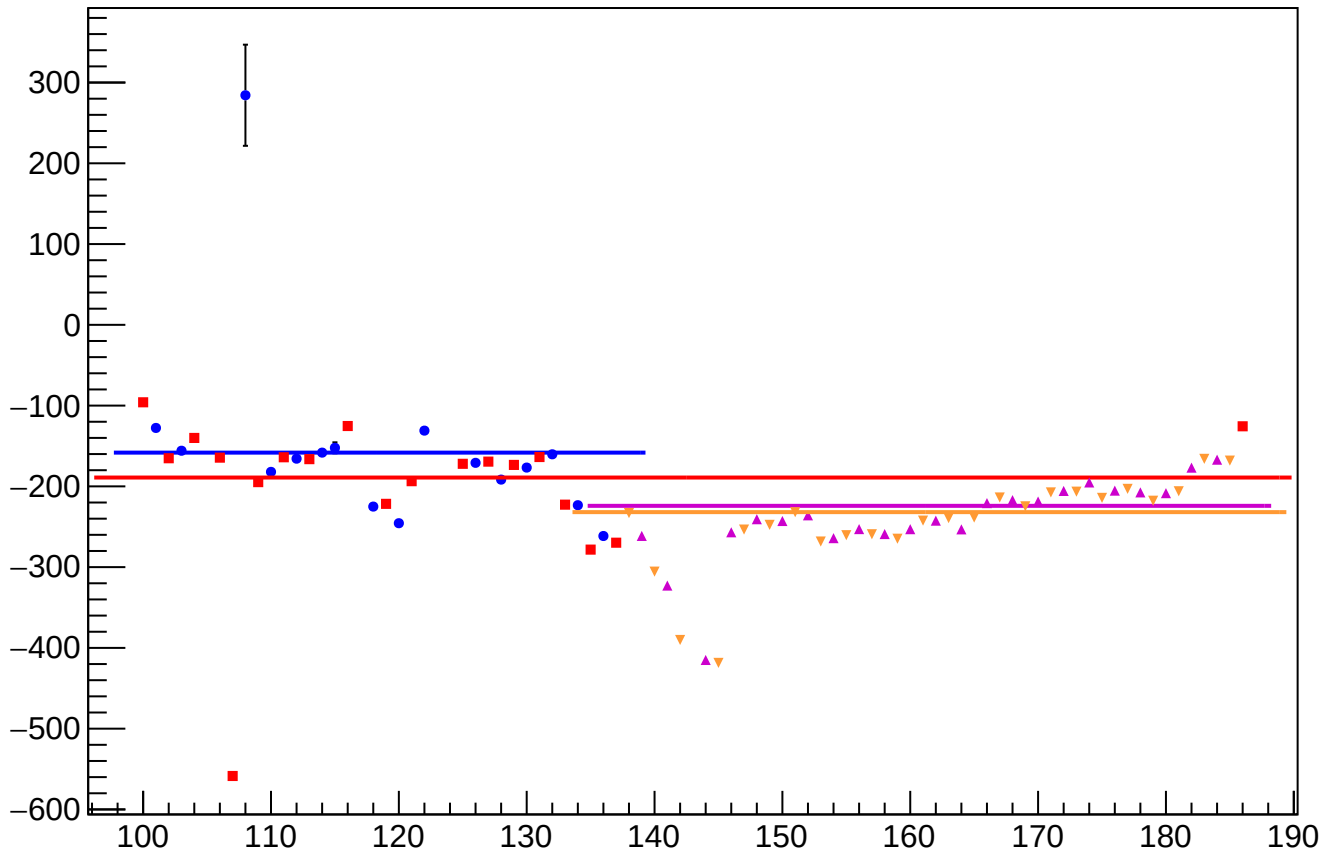
Left In: 516.594+/-0.089 χ^2/NDF : 1036092.8/22

+ sign 519.767+/-0.087 χ^2/NDF : 1341538.9/25

All: 518.889+/-0.062 χ^2/NDF : 2923343.7/49

- sign 517.985+/-0.089 χ^2/NDF : 1581599.3/23

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 χ^2/NDF : 117166.2/15

Left Out: -231.902 ± 0.108 χ^2/NDF : 110473.4/23

Right Out: -189.071 ± 0.159 χ^2/NDF : 189641.5/18

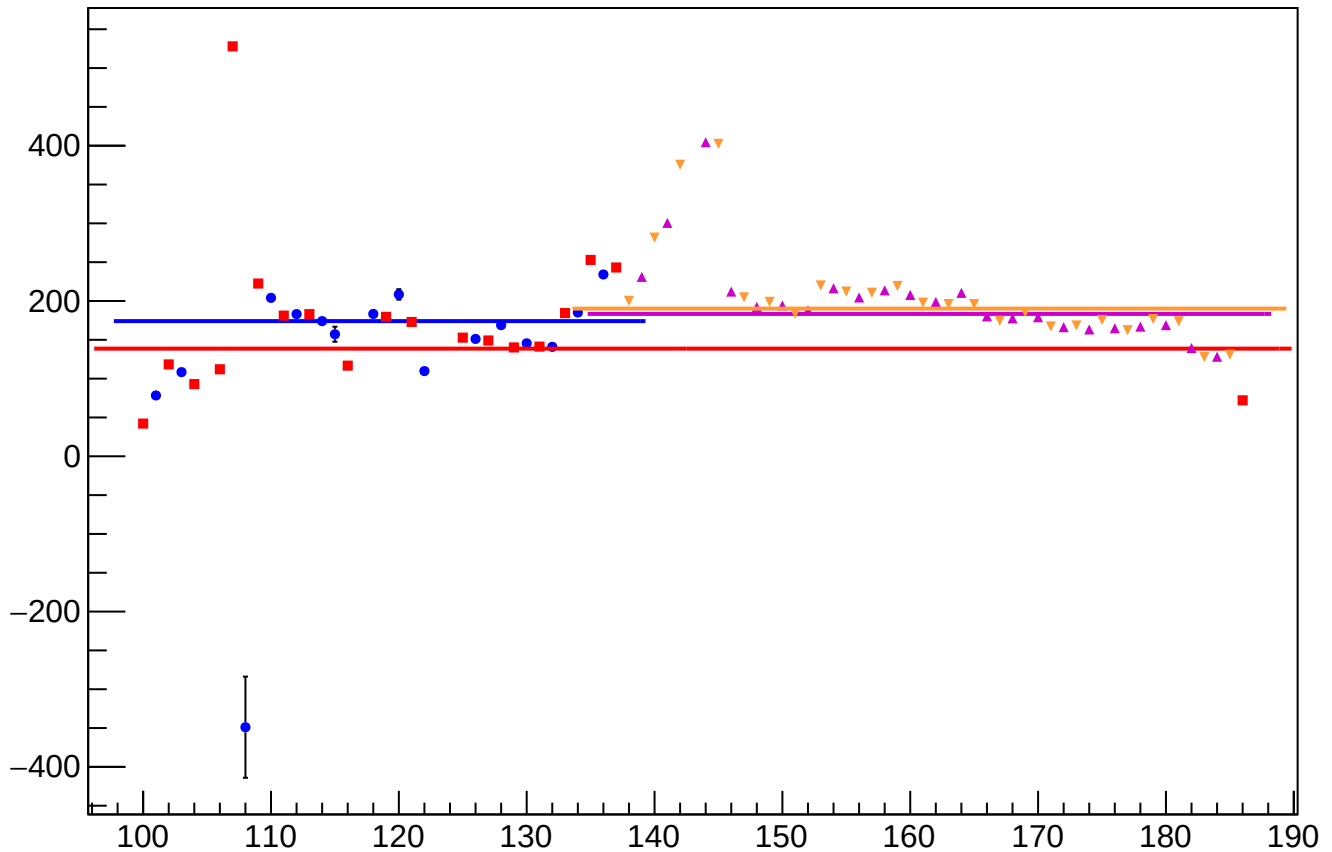
Left In: -224.103 ± 0.098 χ^2/NDF : 153347.0/22

+ sign -158.222 ± 0.000 χ^2/NDF : 691803.3/39

All: -158.222 ± 0.000 χ^2/NDF : 1521869.2/81

- sign -214.398 ± 0.084 χ^2/NDF : 378185.3/41

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 190.208 $\pm$ 0.109 χ^2 /NDF: 99613.5/23

Right Out: 138.666 $\pm$ 0.181 χ^2 /NDF: 190818.2/18

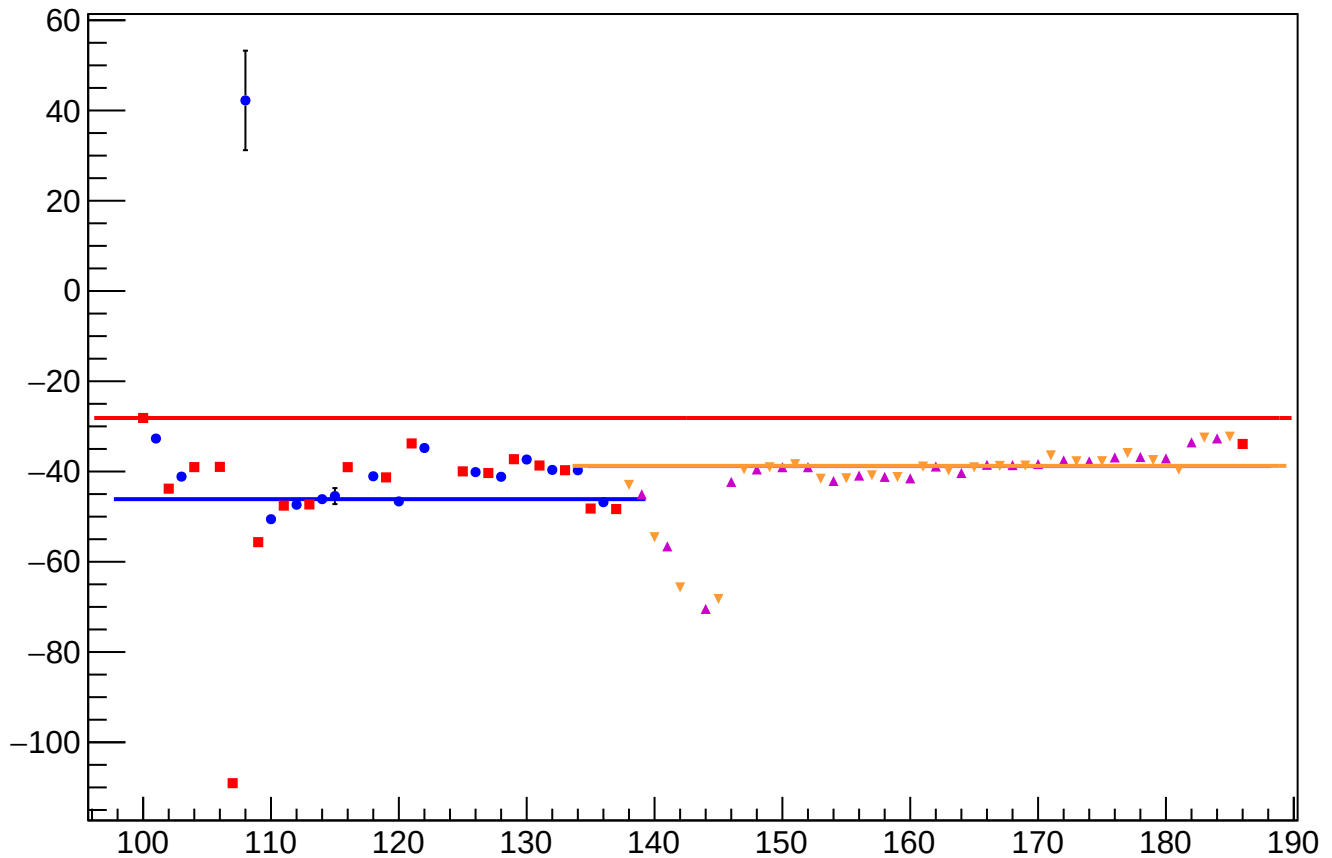
Left In: 183.362 $\pm$ 0.099 χ^2 /NDF: 155441.6/22

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 175004.6/39

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 568418.6/81

- sign 173.058 $\pm$ 0.087 χ^2 /NDF: 393274.1/41

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -38.745 ± 0.006 χ^2/NDF : 400638.0/23

Right Out: -28.139 ± 0.000 χ^2/NDF : 757997.9/18

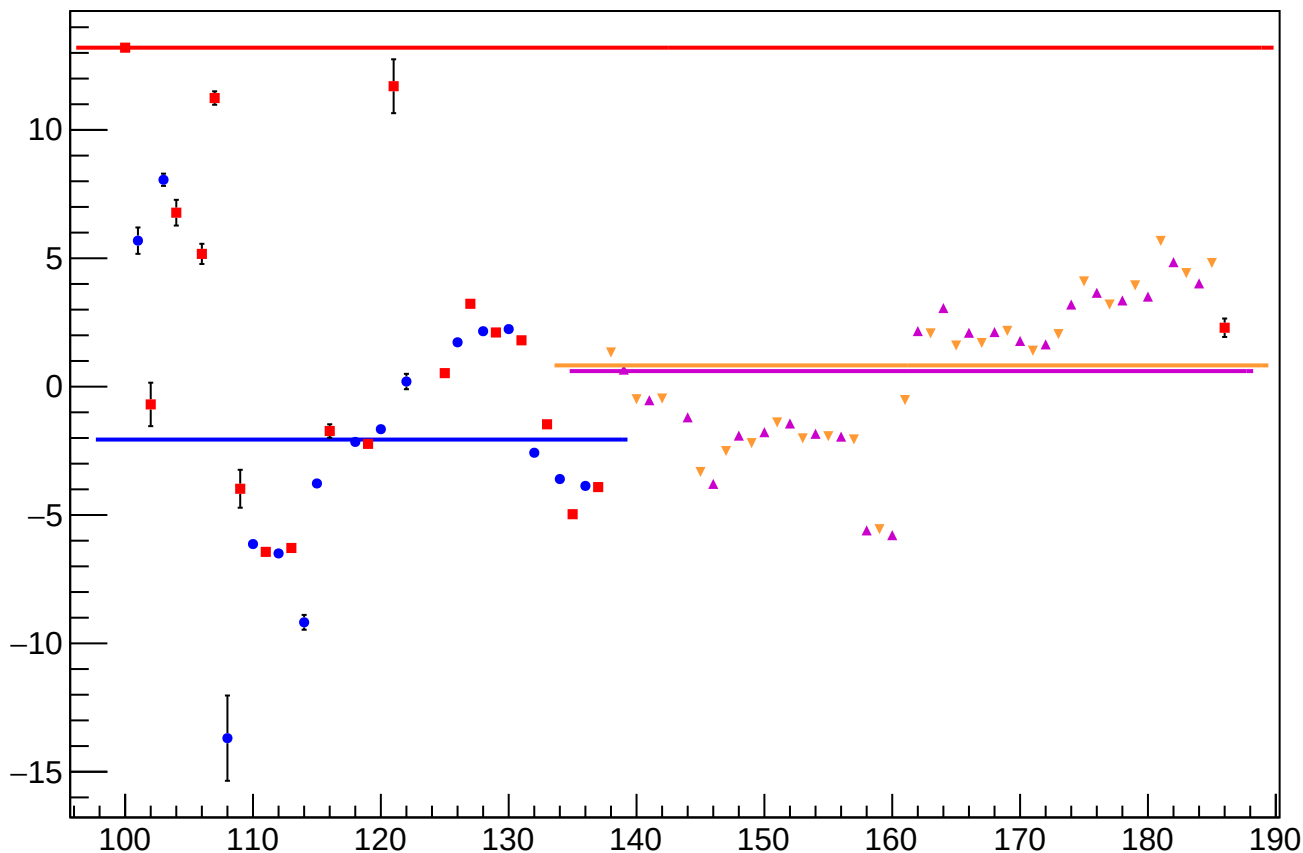
Left In: -38.794 ± 0.007 χ^2/NDF : 321993.9/22

+ sign -46.126 ± 0.000 χ^2/NDF : 2179096.9/39

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

- sign -28.139 ± 0.000 χ^2/NDF : 3731760.9/41

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: 0.828 ± 0.006 χ^2/NDF : 255303.5/23

Right Out: 13.204 ± 0.000 χ^2/NDF : 510645.0/18

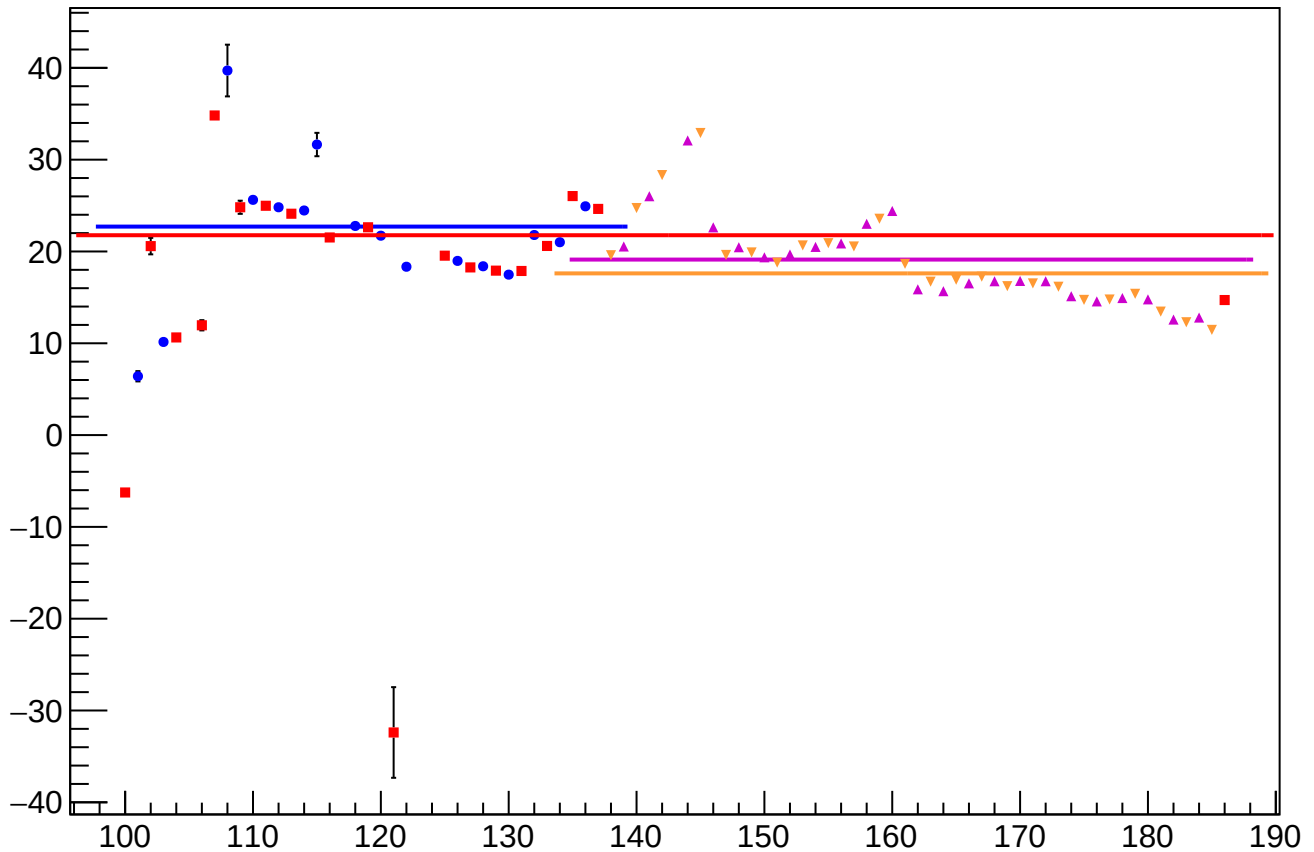
Left In: 0.606 ± 0.005 χ^2/NDF : 331282.7/22

+ sign 0.523 ± 0.006 χ^2/NDF : 304460.0/39

All: 13.204 ± 0.000 χ^2/NDF : 12158061.3/81

- sign 13.204 ± 0.000 χ^2/NDF : 7062173.1/41

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 17.613 $\pm$ 0.007 χ^2 /NDF: 178438.8/23

Right Out: 21.770 $\pm$ 0.021 χ^2 /NDF: 26985.0/18

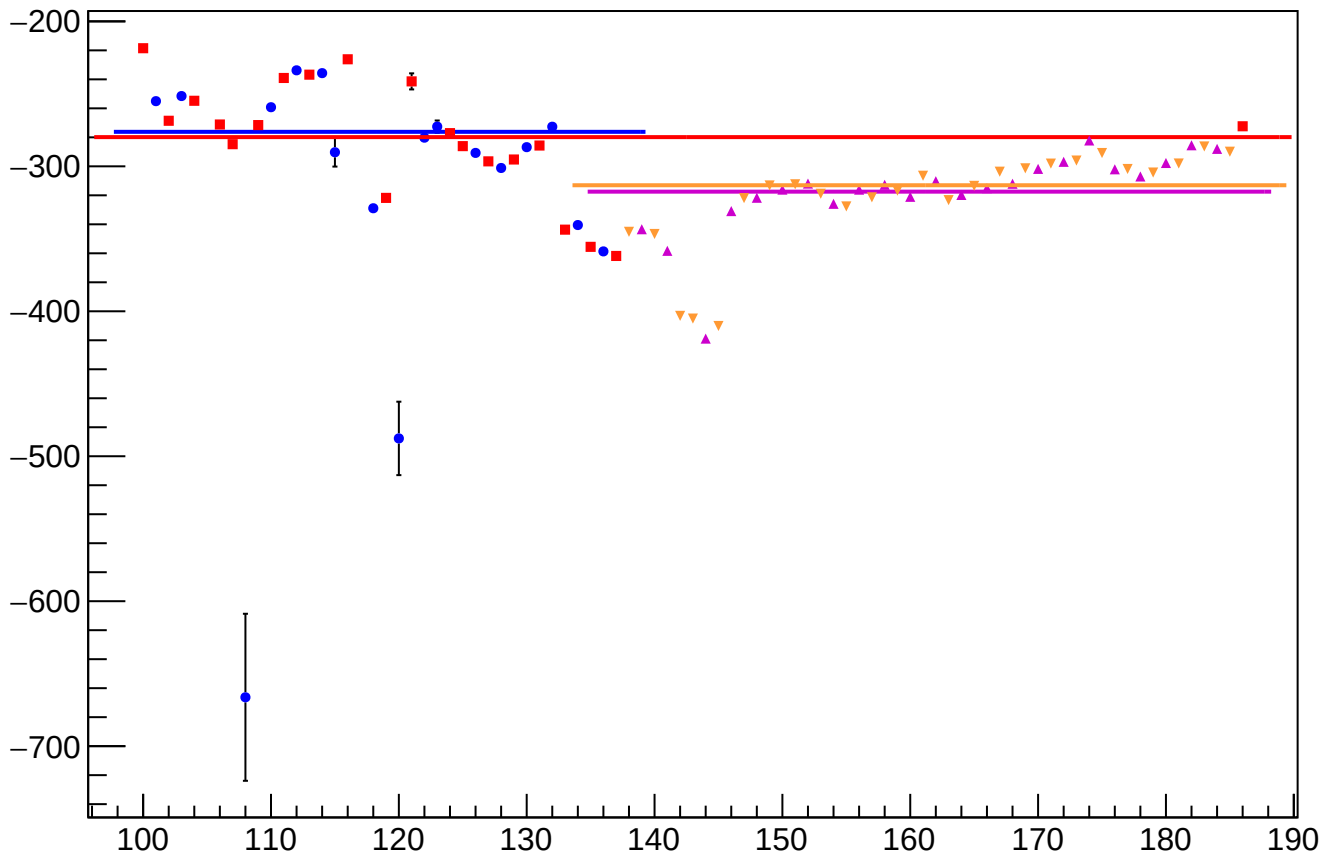
Left In: 19.117 $\pm$ 0.007 χ^2 /NDF: 229353.0/22

+ sign 18.256 $\pm$ 0.007 χ^2 /NDF: 265773.7/39

All: 18.811 $\pm$ 0.005 χ^2 /NDF: 549876.2/81

- sign 19.378 $\pm$ 0.007 χ^2 /NDF: 270075.6/41

dit_usr_4aX_slope vs Slug



Right In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Left Out: -313.052 ± 0.096 χ^2/NDF : 54405.8/24

Right Out: -279.849 ± 0.136 χ^2/NDF : 78136.3/19

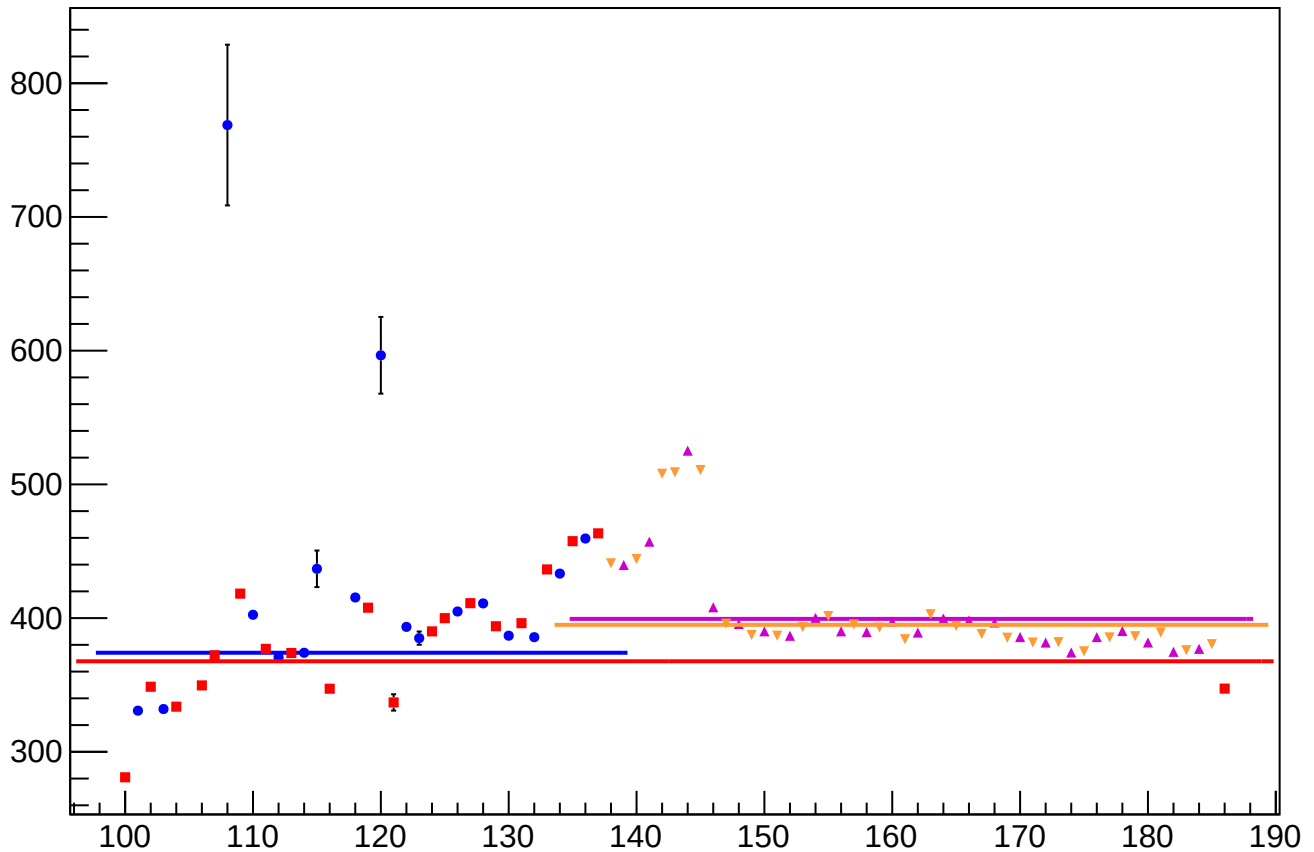
Left In: -317.471 ± 0.095 χ^2/NDF : 63067.6/22

+ sign -303.888 ± 0.083 χ^2/NDF : 149286.9/41

All: -304.542 ± 0.057 χ^2/NDF : 341870.7/84

- sign -305.119 ± 0.078 χ^2/NDF : 192467.1/42

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 394.968 $\pm$ 0.096 χ^2 /NDF: 68076.2/24

Right Out: 367.699 $\pm$ 0.140 χ^2 /NDF: 113853.5/19

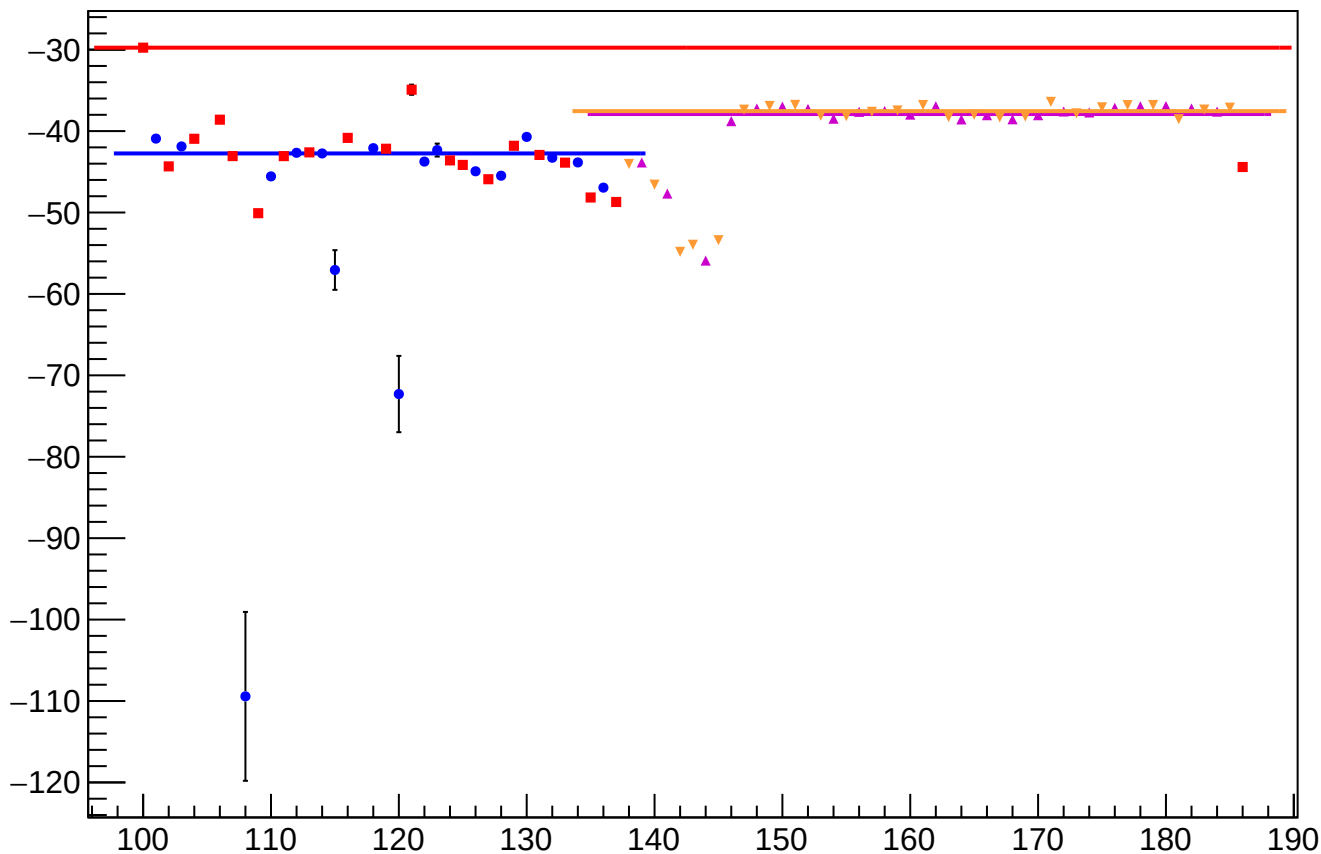
Left In: 399.410 $\pm$ 0.097 χ^2 /NDF: 77209.0/22

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 150418.9/41

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 411861.9/84

- sign 389.180 $\pm$ 0.080 χ^2 /NDF: 225634.0/42

dit_usr_11X12X_slope vs Slug



Right In: -42.744 ± 0.000 χ^2/NDF : 13262.6/16

Left Out: -37.547 ± 0.004 χ^2/NDF : 267131.7/24

Right Out: -29.754 ± 0.000 χ^2/NDF : 512490.7/19

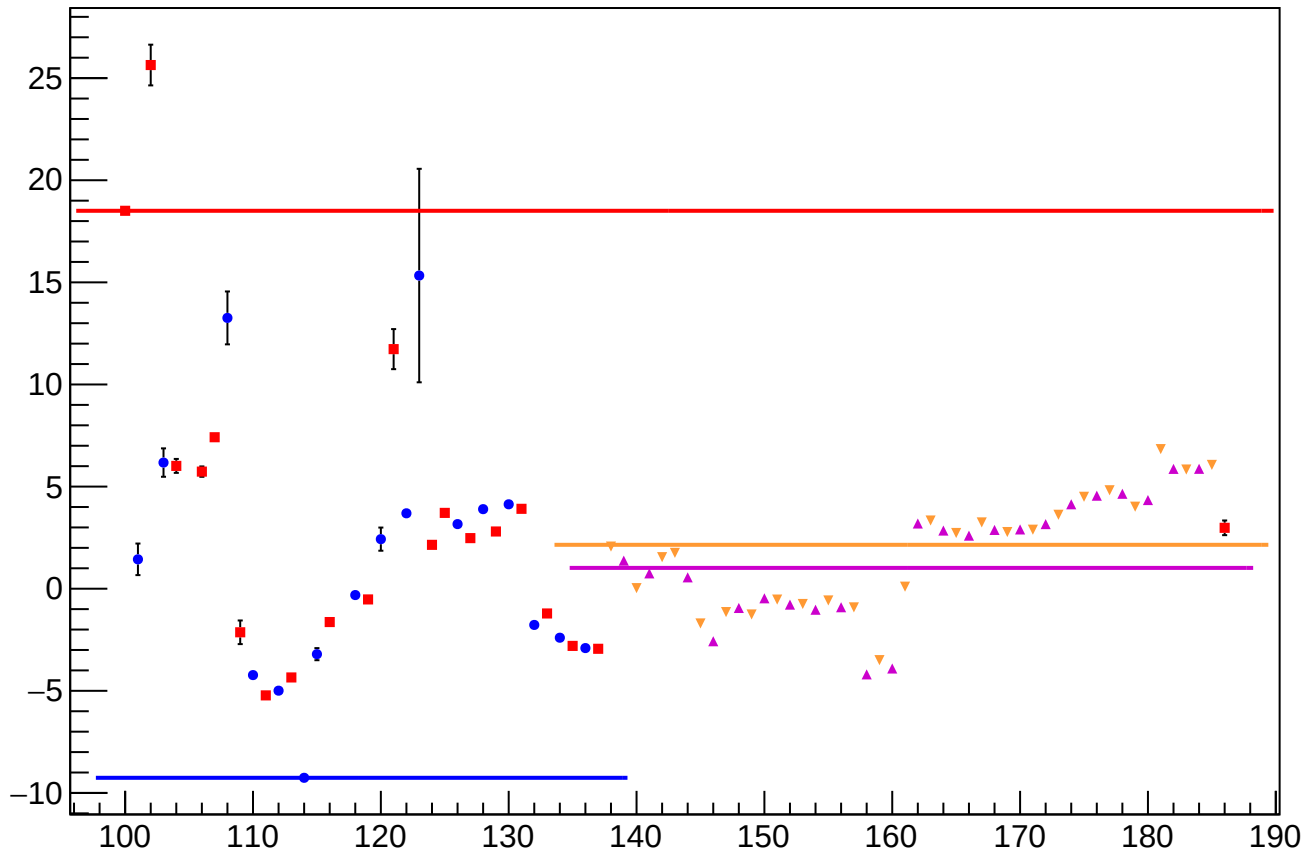
Left In: -37.903 ± 0.004 χ^2/NDF : 156960.8/22

+ sign -42.744 ± 0.000 χ^2/NDF : 2115942.3/41

All: -38.159 ± 0.000 χ^2/NDF : 129765212680

- sign -29.754 ± 0.000 χ^2/NDF : 4529803.4/42

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF : 405850.5/16

Left Out: 2.149+/-0.005 χ^2/NDF : 290739.3/24

Right Out: 18.504+/-0.000 χ^2/NDF : 7368647.5/19

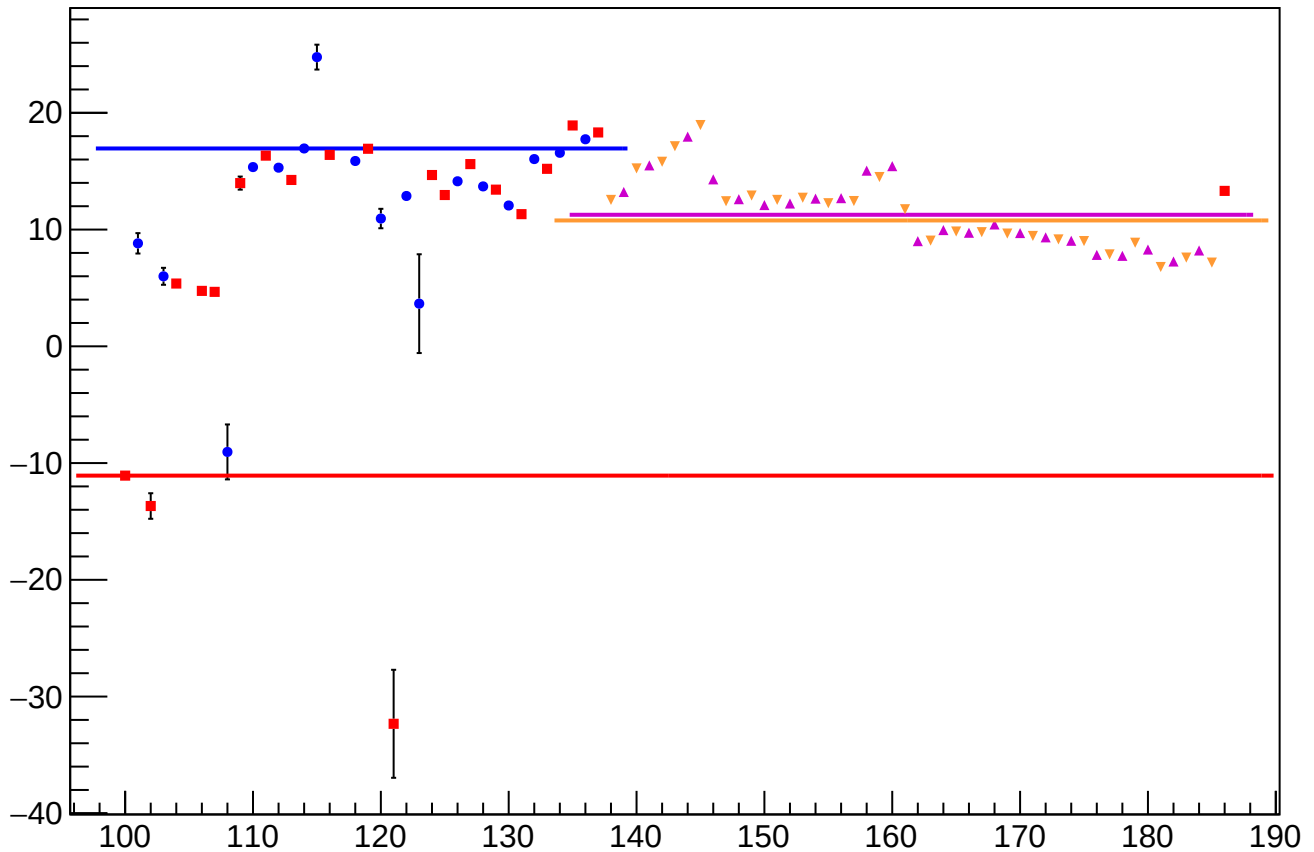
Left In: 1.019+/-0.006 χ^2/NDF : 250029.0/22

+ sign -9.259+/-0.000 χ^2/NDF : 6139448.0/41

All: 6.039+/-0.000 χ^2/NDF : 1645057450595

- sign 18.504+/-0.000 χ^2/NDF : 17019586.8/42

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 10.782 $\pm$ 0.007 χ^2 /NDF:129427.5/24

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2716433.4/19

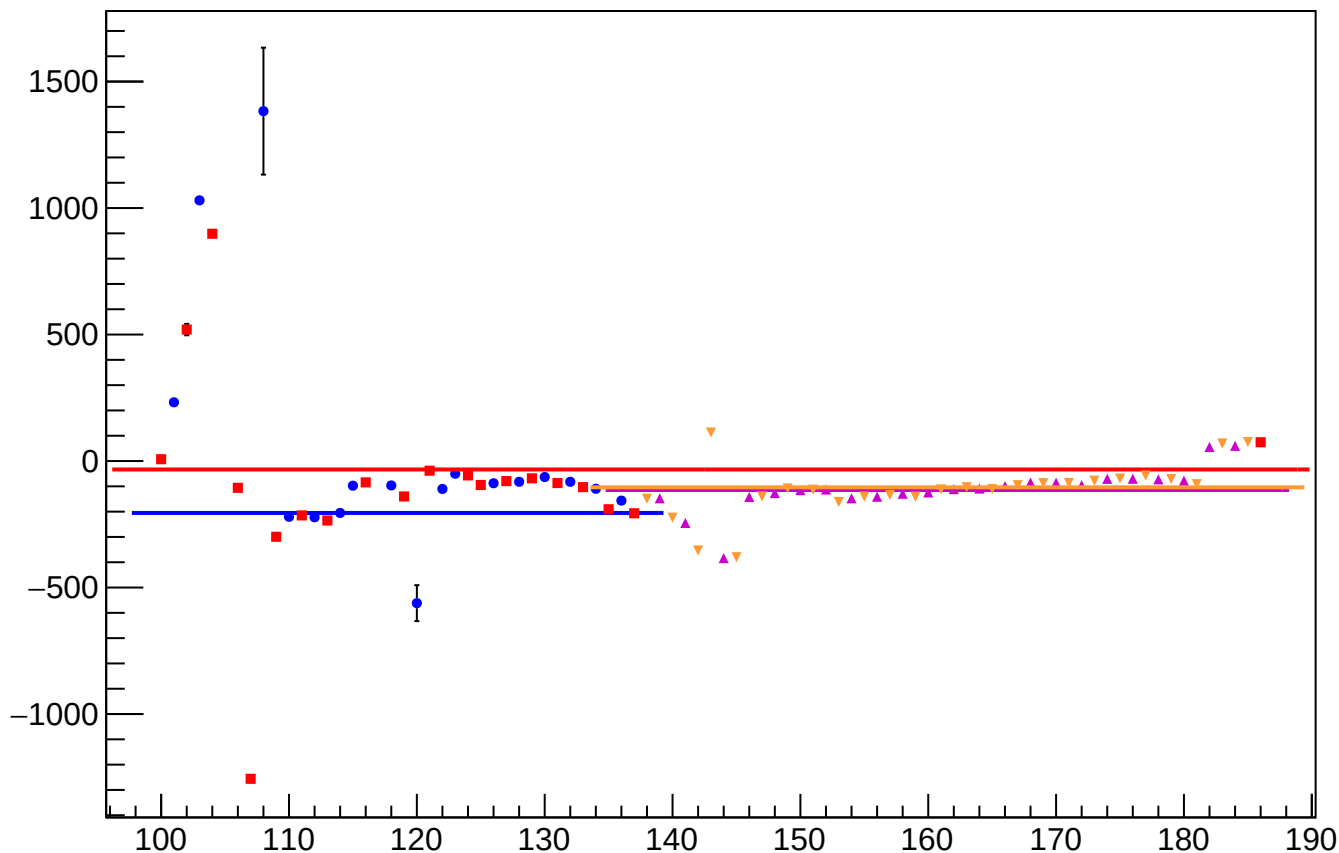
Left In: 11.267 $\pm$ 0.008 χ^2 /NDF:98438.0/22

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 995588.1/41

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

- sign -11.075 $\pm$ 0.000 χ^2 /NDF: 10933921.3/42

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -103.842+/-0.192 χ^2/NDF : 94751.7/24

Right Out: -33.326+/-0.256 χ^2/NDF : 154884.3/19

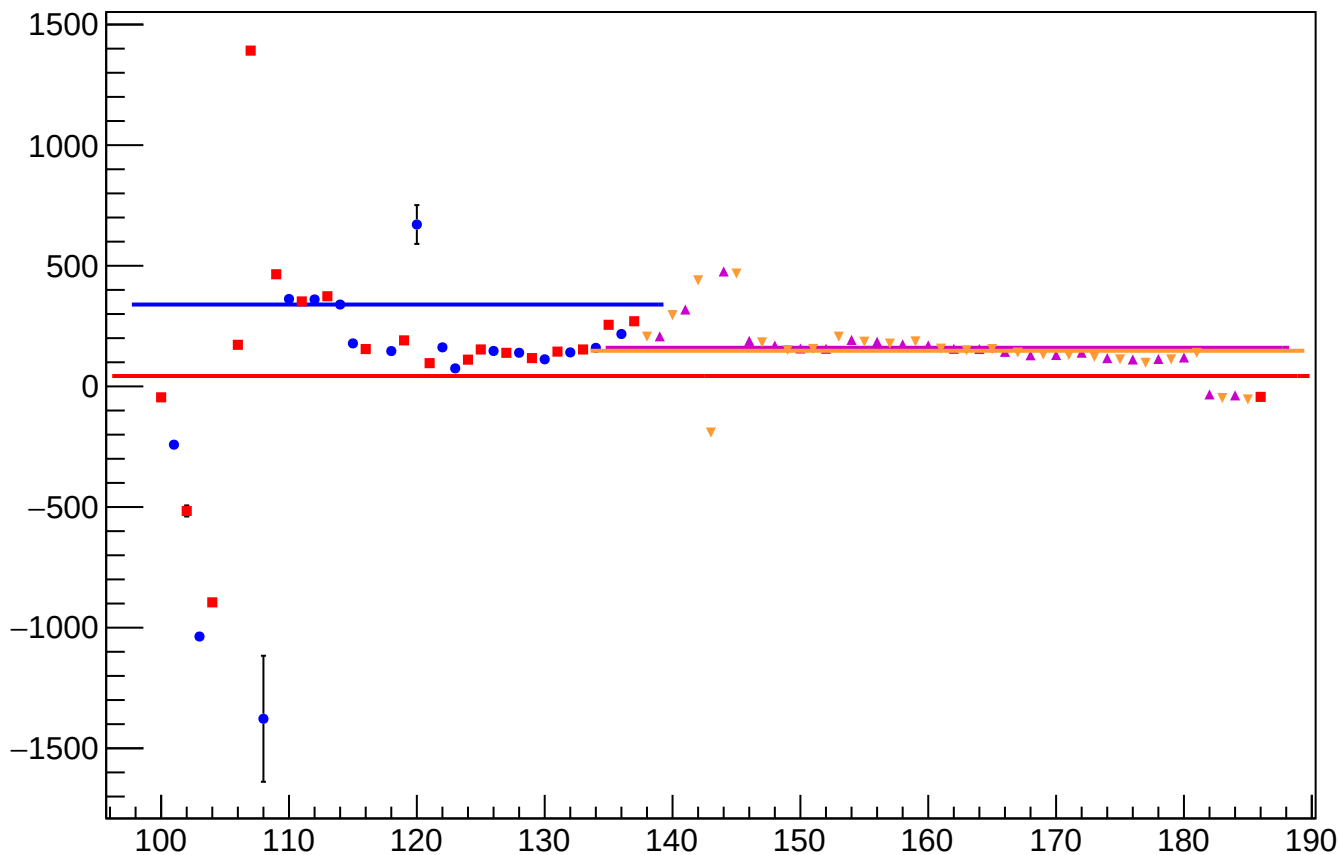
Left In: -114.444+/-0.225 χ^2/NDF : 76837.7/22

+ sign -205.160+/-0.000 χ^2/NDF : 956897.5/41

All: -205.160+/-0.000 χ^2/NDF : 1802533.0/84

- sign -79.110+/-0.169 χ^2/NDF : 288452.6/42

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 147.771+/-0.196 χ^2/NDF :134281.2/24

Right Out: 43.083+/-0.252 χ^2/NDF : 306306.4/19

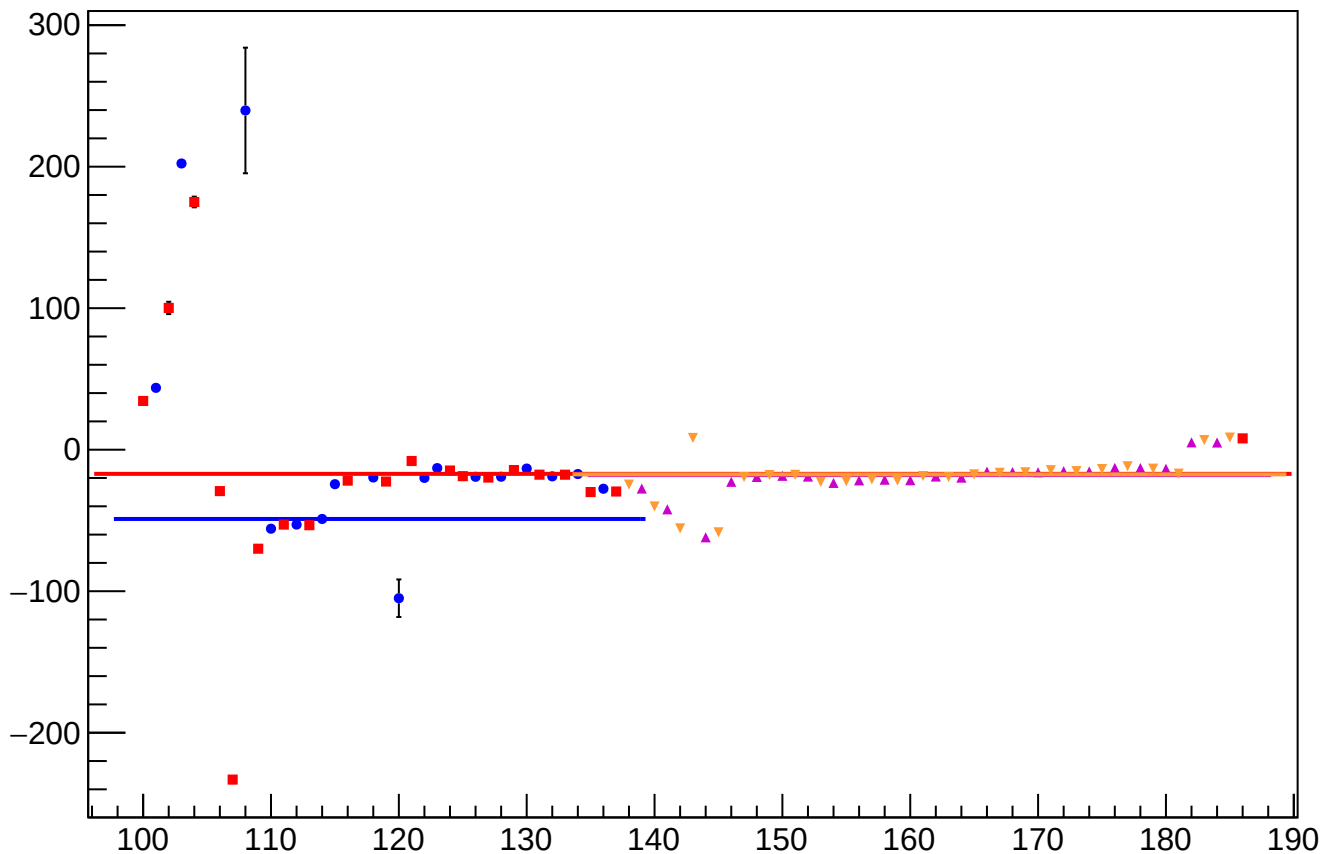
Left In: 160.049+/-0.230 χ^2/NDF :83579.0/22

+ sign 339.325+/-0.000 χ^2/NDF : 2118512.7/41

All: 339.325+/-0.000 χ^2/NDF : 4499029.7/84

- sign 106.993+/-0.170 χ^2/NDF : 507542.2/42

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5408370.4/16$

Left Out: -17.446 ± 0.010 $\chi^2/\text{NDF}: 714044.4/24$

Right Out: -17.073 ± 0.044 $\chi^2/\text{NDF}: 303026.4/19$

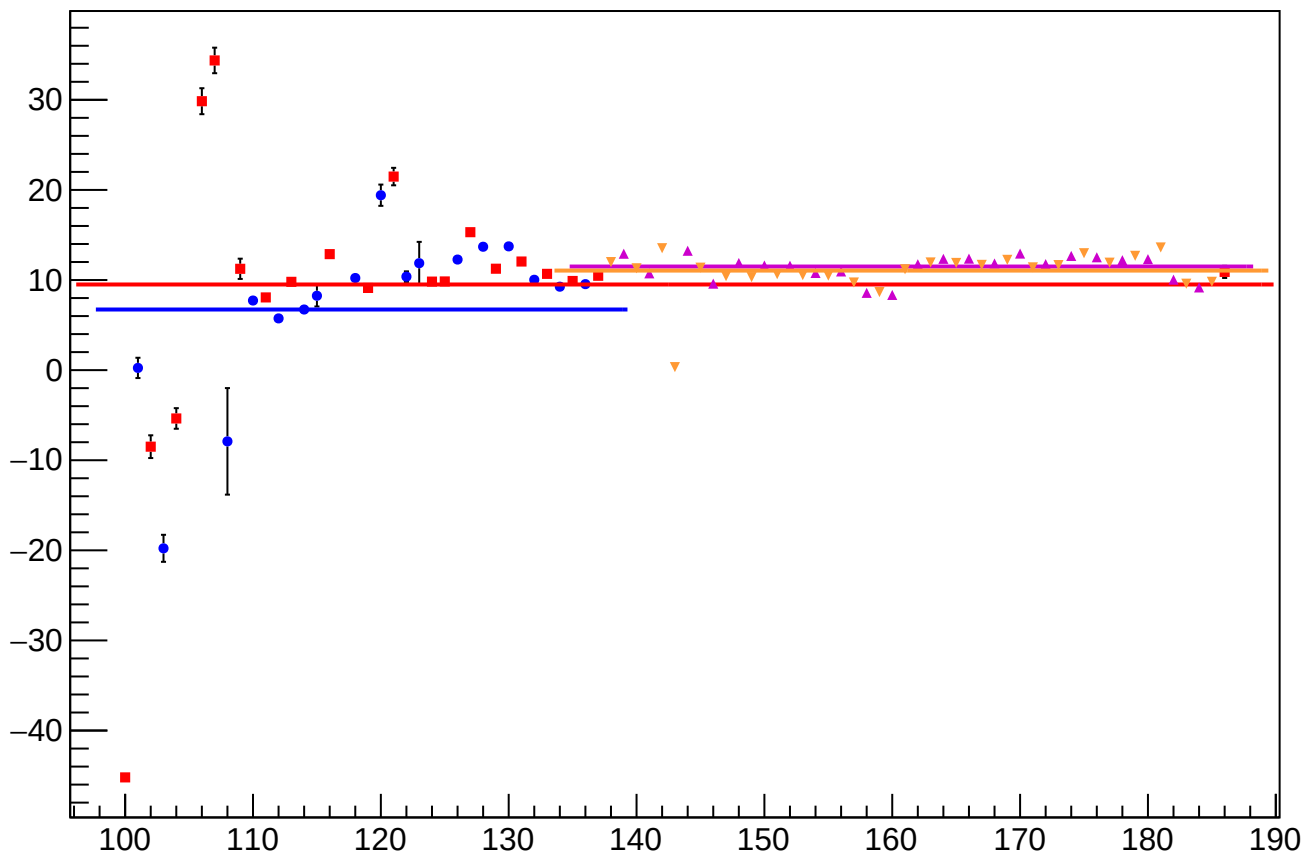
Left In: -17.951 ± 0.012 $\chi^2/\text{NDF}: 252123.1/22$

+ sign -48.945 ± 0.000 $\chi^2/\text{NDF}: 16025853.7/41$

All: -48.945 ± 0.000 $\chi^2/\text{NDF}: 23502848.3/84$

- sign -17.886 ± 0.012 $\chi^2/\text{NDF}: 555525.8/42$

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 11.049 ± 0.012 χ^2/NDF : 31618.4/24

Right Out: 9.506 ± 0.036 χ^2/NDF : 26826.4/19

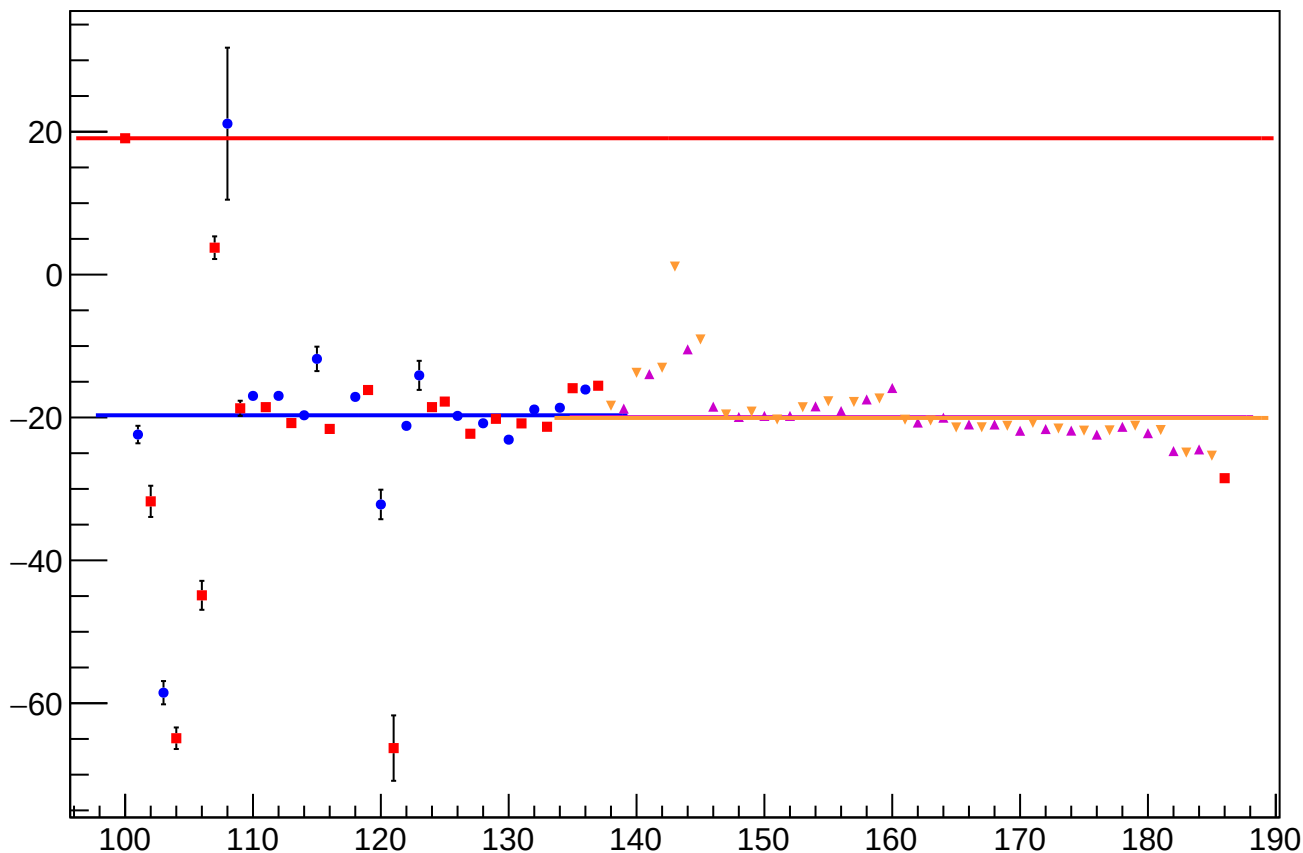
Left In: 11.498 ± 0.010 χ^2/NDF : 15848.8/22

+ sign 6.728 ± 0.000 χ^2/NDF : 169822.4/41

All: 6.728 ± 0.000 χ^2/NDF : 427802.3/84

- sign 11.340 ± 0.010 χ^2/NDF : 45564.3/42

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -20.065 ± 0.014 χ^2/NDF : 71466.1/24

Right Out: 19.086 ± 0.000 χ^2/NDF : 615298.1/19

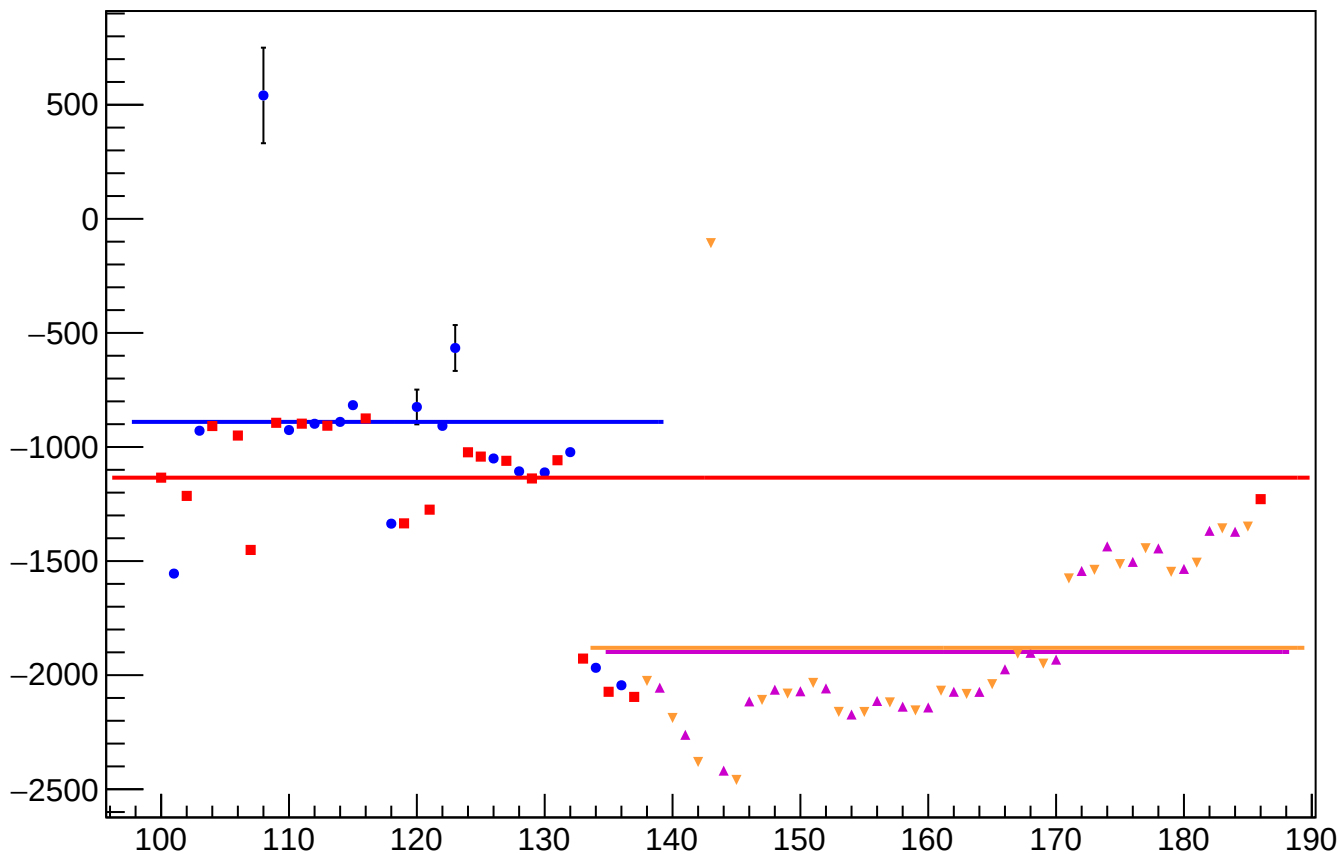
Left In: -19.955 ± 0.015 χ^2/NDF : 22657.6/22

+ sign -19.693 ± 0.000 χ^2/NDF : 79766.9/41

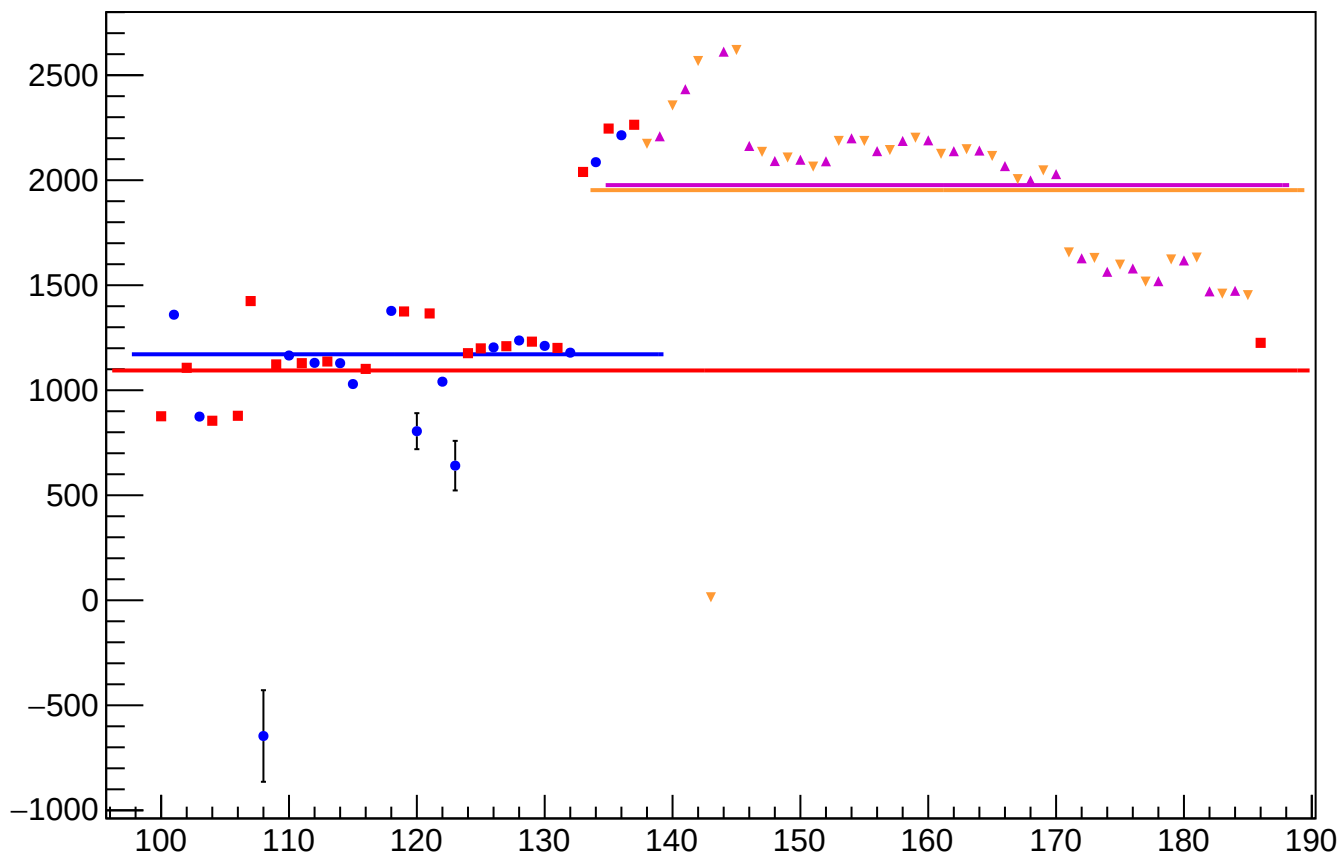
All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 7302662.8/42

dit_atl2_4aX_slope vs Slug



dit_atl2_4eX_slope vs Slug



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 1952.706 $\pm$ 0.354 χ^2 /NDF: 820225.3/24

Right Out: 1094.147 $\pm$ 0.249 χ^2 /NDF: 1109723.2/19

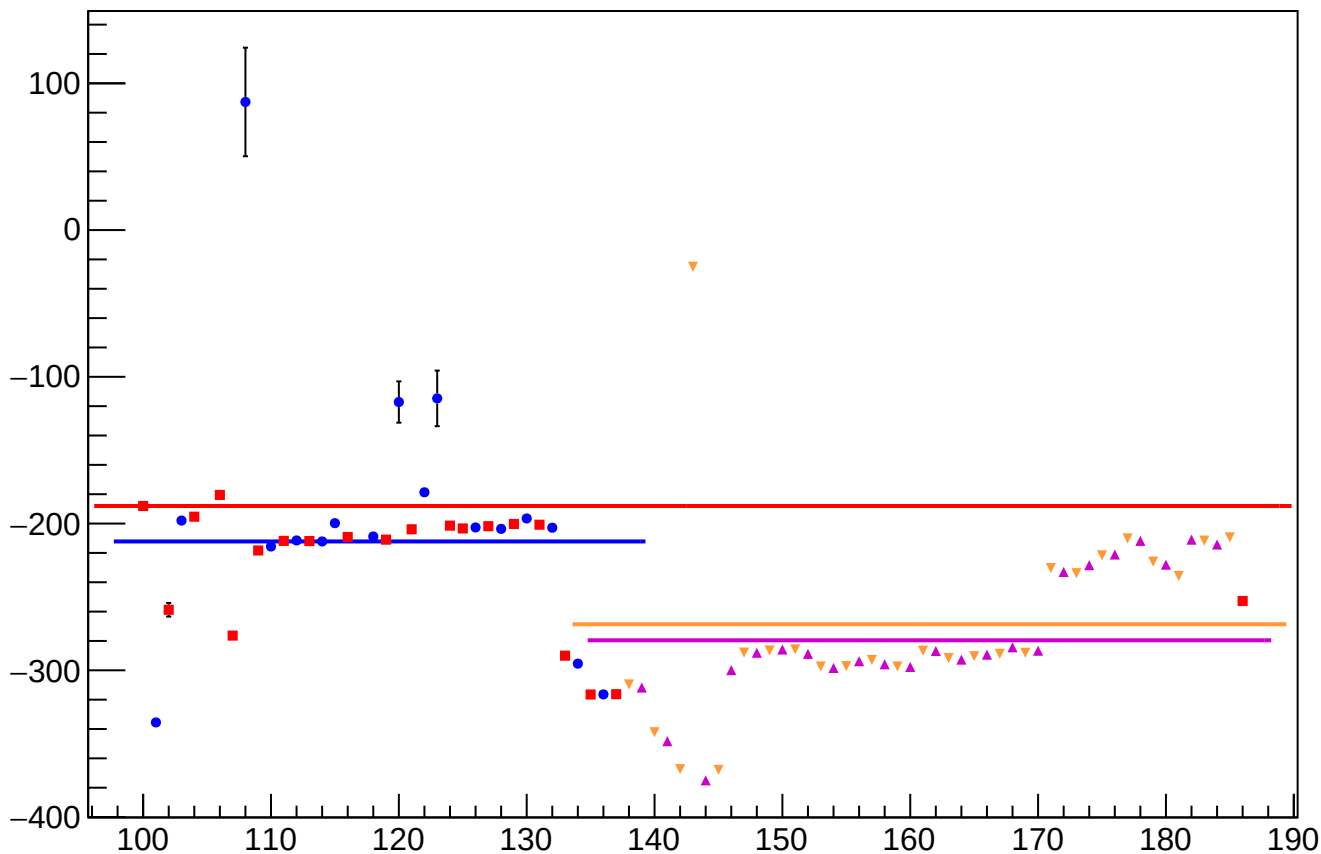
Left In: 1976.603 $\pm$ 0.367 χ^2 /NDF: 625684.0/22

+ sign 1424.815 $\pm$ 0.202 χ^2 /NDF: 4621372.7/41

All: 1399.232 $\pm$ 0.144 χ^2 /NDF: 10342560.0/8

- sign 1372.473 $\pm$ 0.206 χ^2 /NDF: 5688261.0/42

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -268.611 ± 0.022 $\chi^2/\text{NDF}: 7041710.3/24$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 751891.1/19$

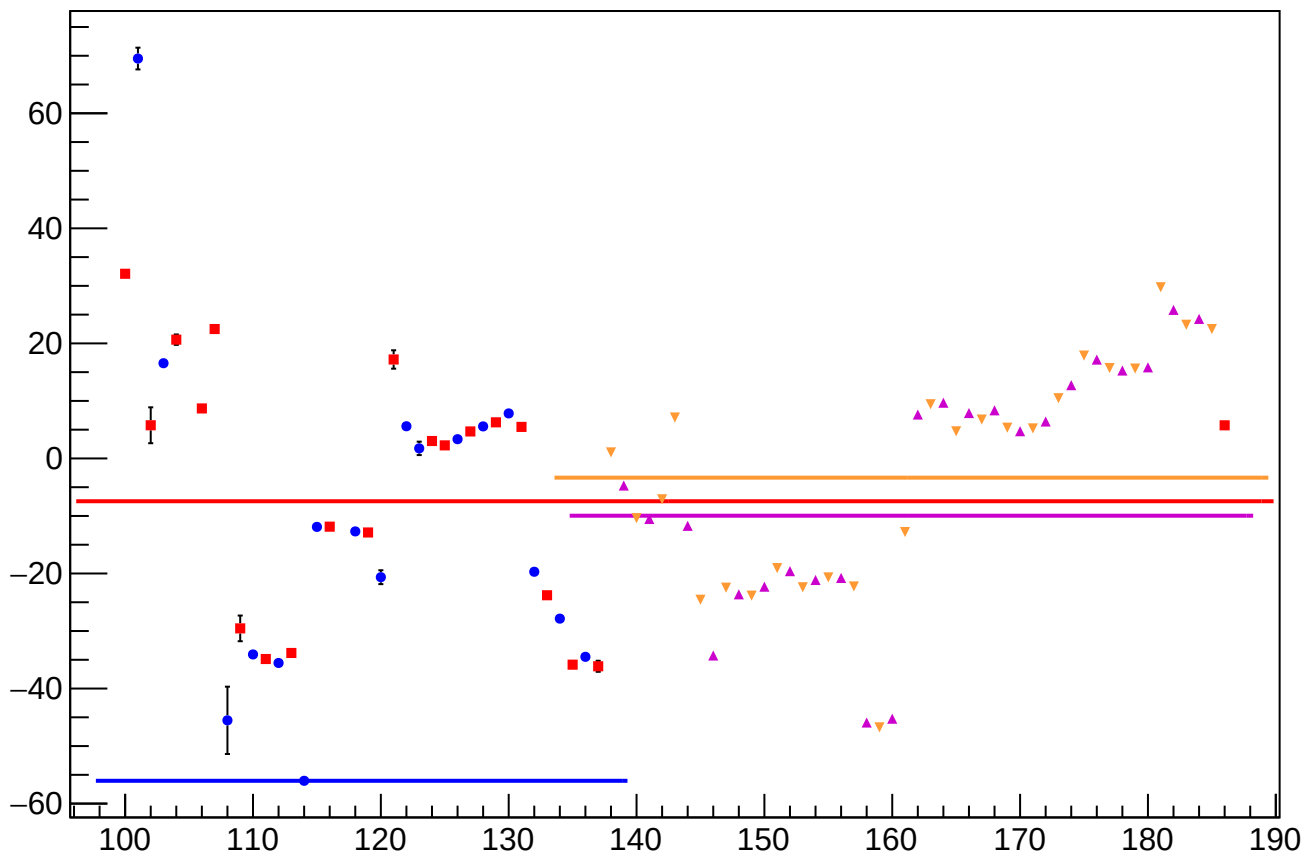
Left In: -279.563 ± 0.022 $\chi^2/\text{NDF}: 2298119.7/22$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 14747222.2/41$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

- sign -188.033 ± 0.000 $\chi^2/\text{NDF}: 20900734.3/42$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1585420.7/16

Left Out: -3.341 ± 0.018 χ^2/NDF : 1399746.6/24

Right Out: -7.440 ± 0.042 χ^2/NDF : 174162.8/19

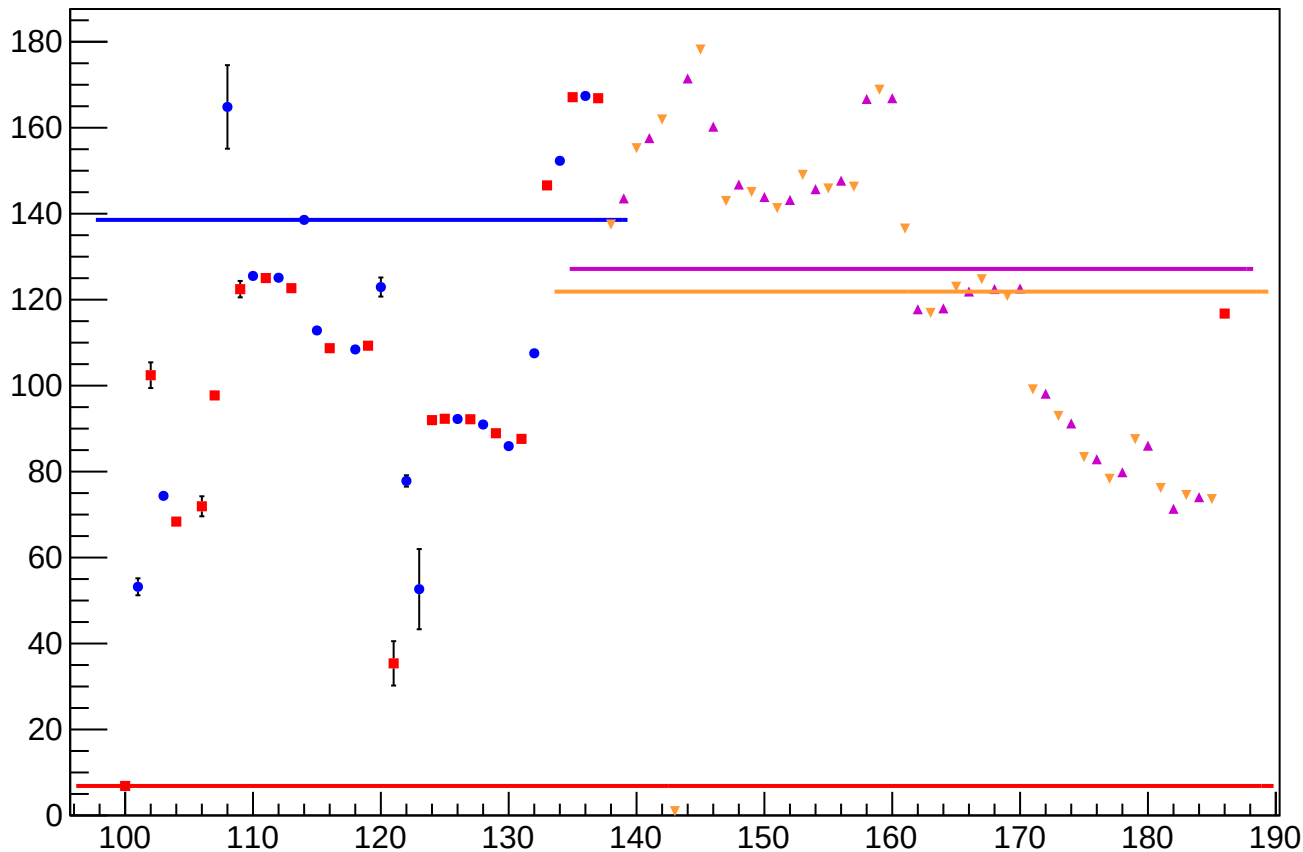
Left In: -9.956 ± 0.018 χ^2/NDF : 1689839.0/22

+ sign -56.037 ± 0.000 χ^2/NDF : 11972986.7/41

All: -56.037 ± 0.000 χ^2/NDF : 21392524.5/84

- sign -9.550 ± 0.017 χ^2/NDF : 1866993.1/42

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 121.875 $\pm$ 0.024 χ^2 /NDF:1617383.6/24

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8066964.0/19

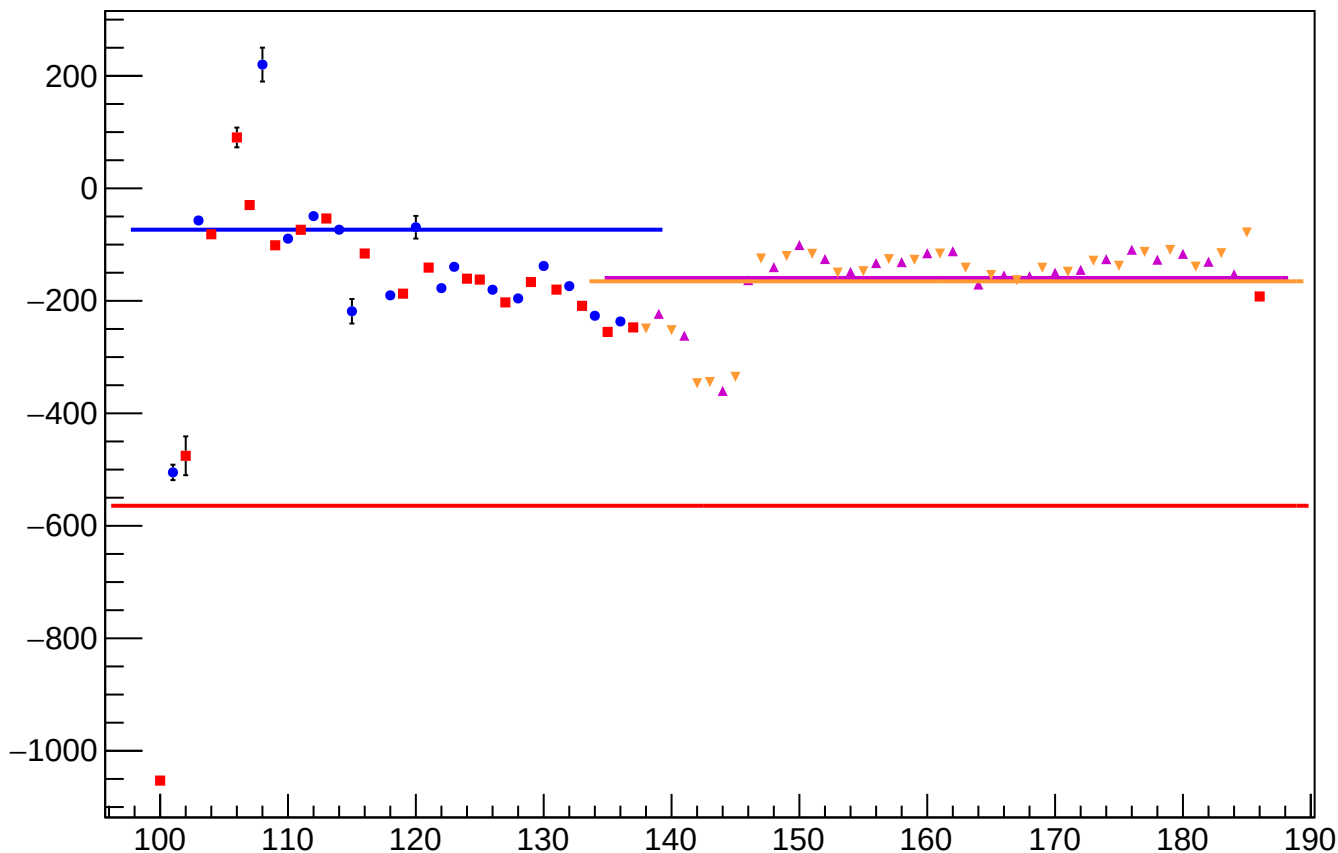
Left In: 127.150 $\pm$ 0.026 χ^2 /NDF:1340248.6/22

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 2990281.0/41

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 30526020.4/42

dit_atr1_4aX_slope vs Slug



Right In: -73.485 $\pm$ 0.000 χ^2 /NDF: 98703.2/16

Left Out: -165.282 $\pm$ 0.232 χ^2 /NDF: 84301.0/24

Right Out: -564.319 $\pm$ 0.256 χ^2 /NDF: 3122474.0/19

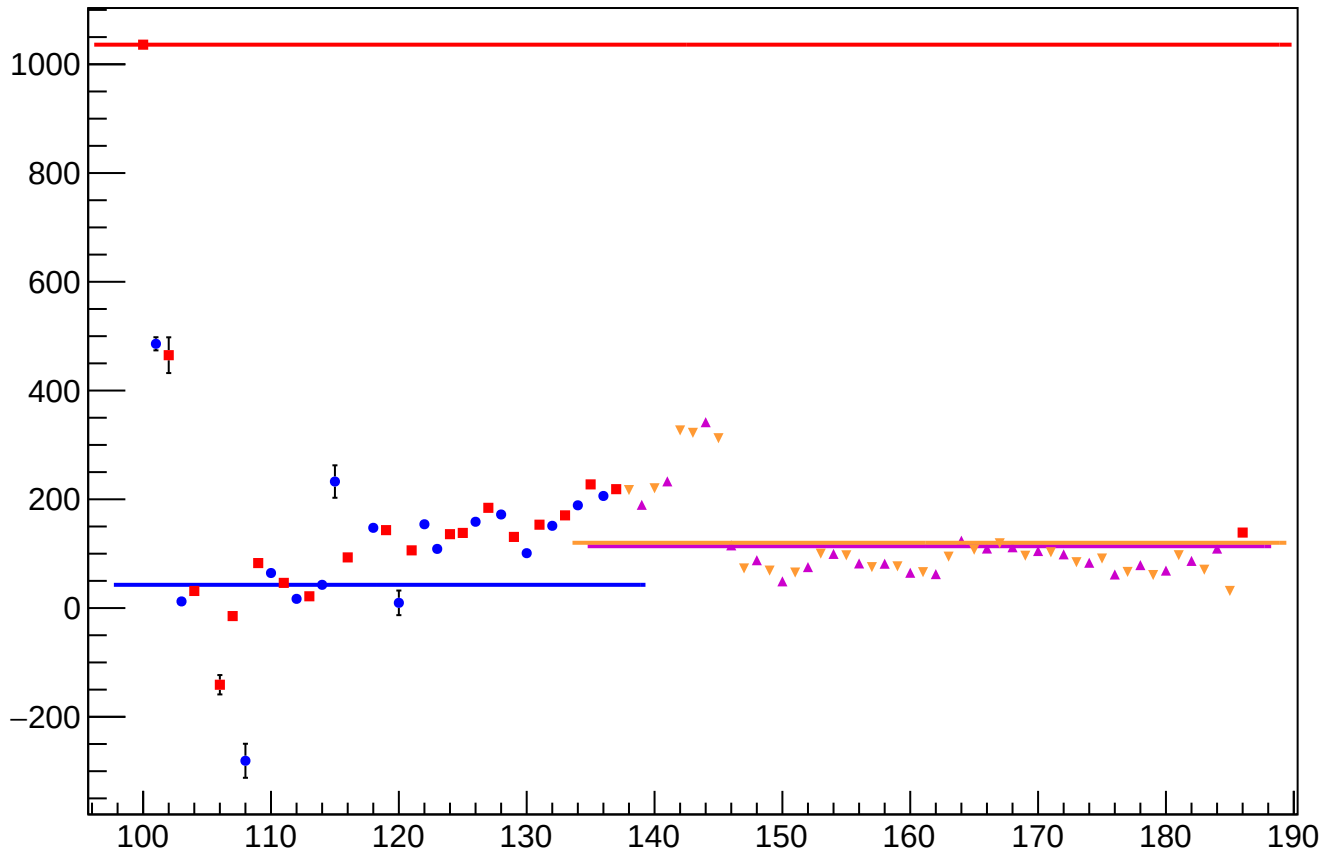
Left In: -159.346 $\pm$ 0.239 χ^2 /NDF: 73885.5/22

+ sign -73.485 $\pm$ 0.000 χ^2 /NDF: 339919.4/41

All: -73.485 $\pm$ 0.000 χ^2 /NDF: 7354973.2/84

- sign -348.435 $\pm$ 0.175 χ^2 /NDF: 4535351.9/42

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 120.053+/-0.237 χ^2/NDF : 97926.9/24

Right Out: 1036.068+/-0.000 χ^2/NDF : 5452618.9/19

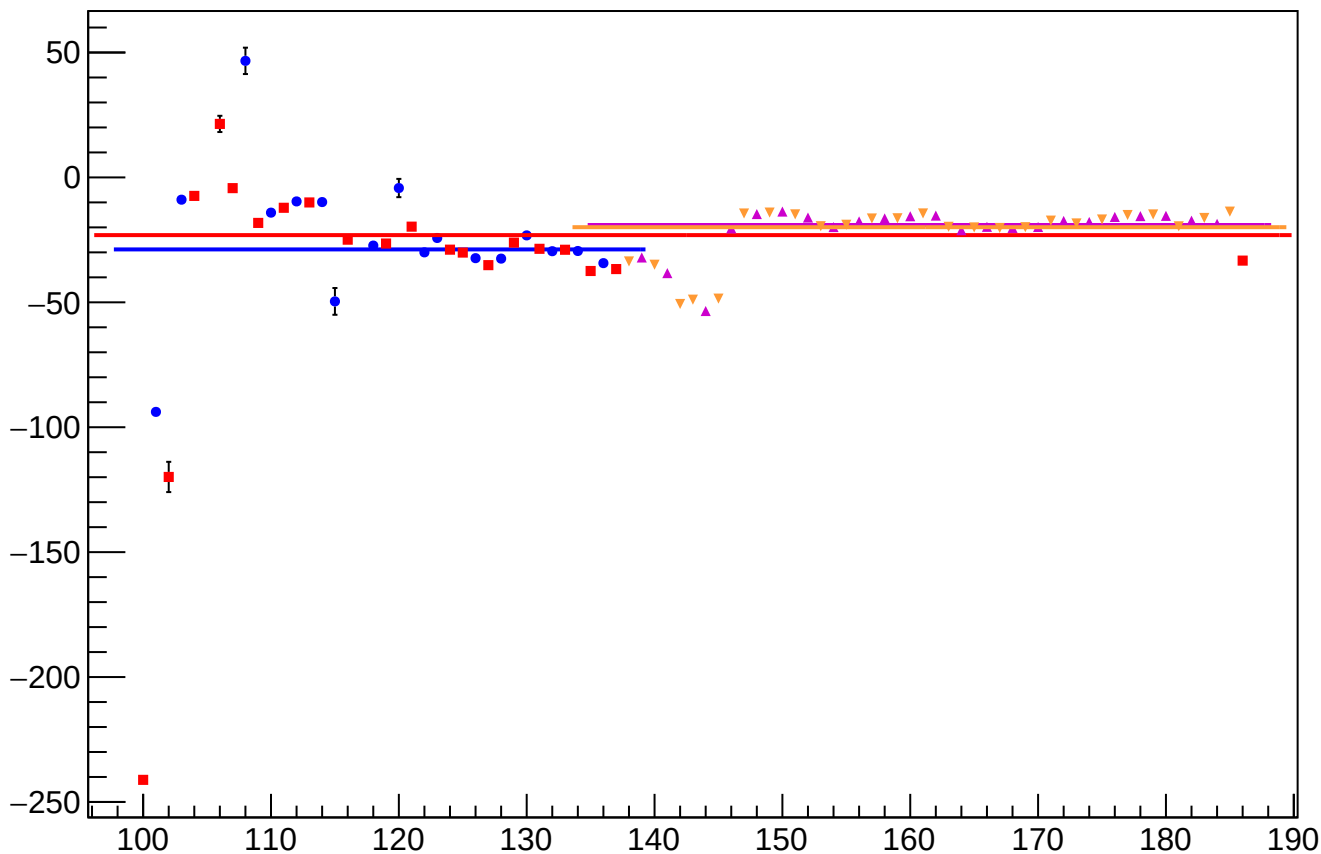
Left In: 113.733+/-0.246 χ^2/NDF : 81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF : 288957.8/41

All: 43.272+/-0.000 χ^2/NDF : 114451749726

- sign 1036.068+/-0.000 χ^2/NDF : 19555852.2/42

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -19.926 ± 0.012 $\chi^2/\text{NDF}: 374900.2/24$

Right Out: -23.096 ± 0.037 $\chi^2/\text{NDF}: 413020.7/19$

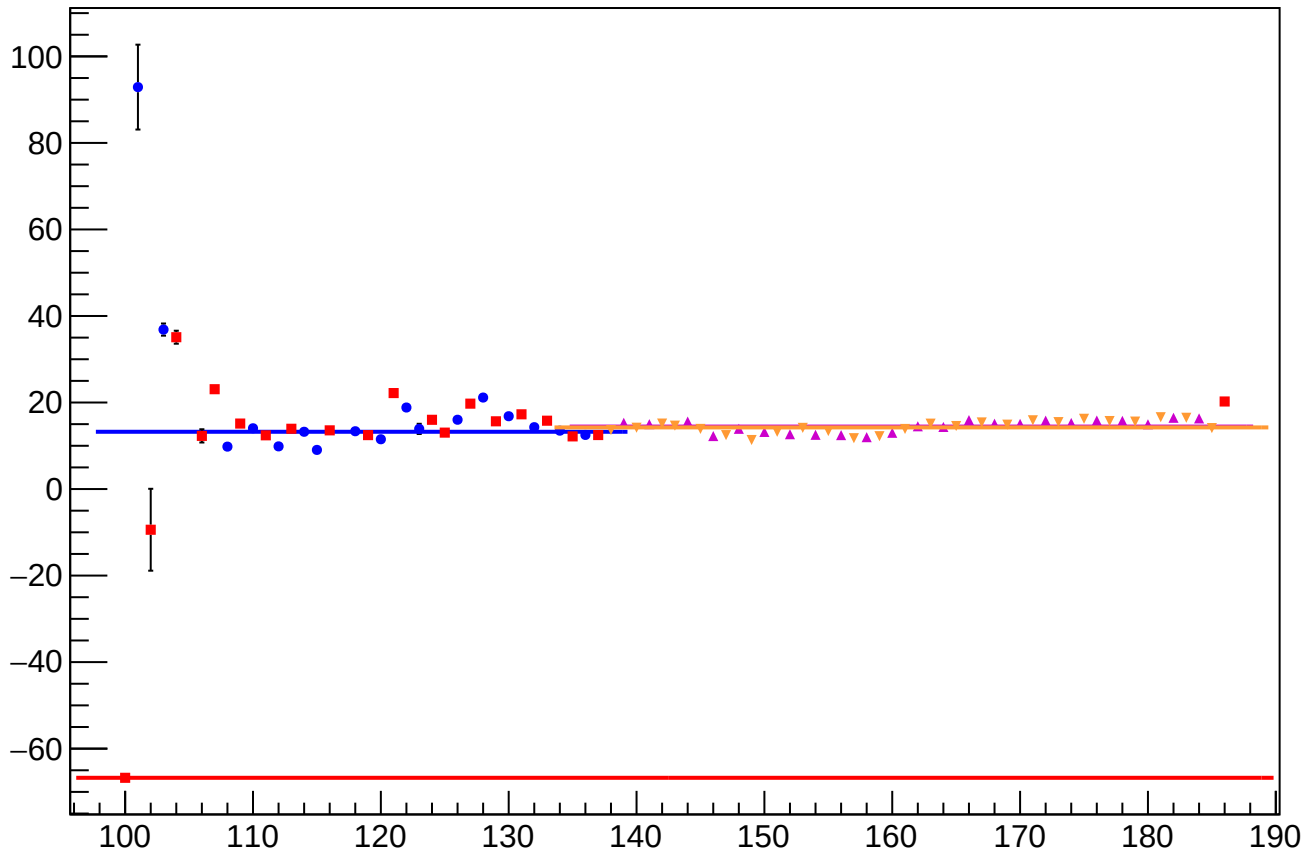
Left In: -19.047 ± 0.014 $\chi^2/\text{NDF}: 214747.8/22$

+ sign -20.911 ± 0.012 $\chi^2/\text{NDF}: 482719.6/41$

All: -20.310 ± 0.009 $\chi^2/\text{NDF}: 1126948.1/84$

- sign -19.542 ± 0.013 $\chi^2/\text{NDF}: 638069.7/42$

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5756.1/16

Left Out: 14.245 $\pm$ 0.012 χ^2 /NDF: 12367.6/24

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3040152.7/19

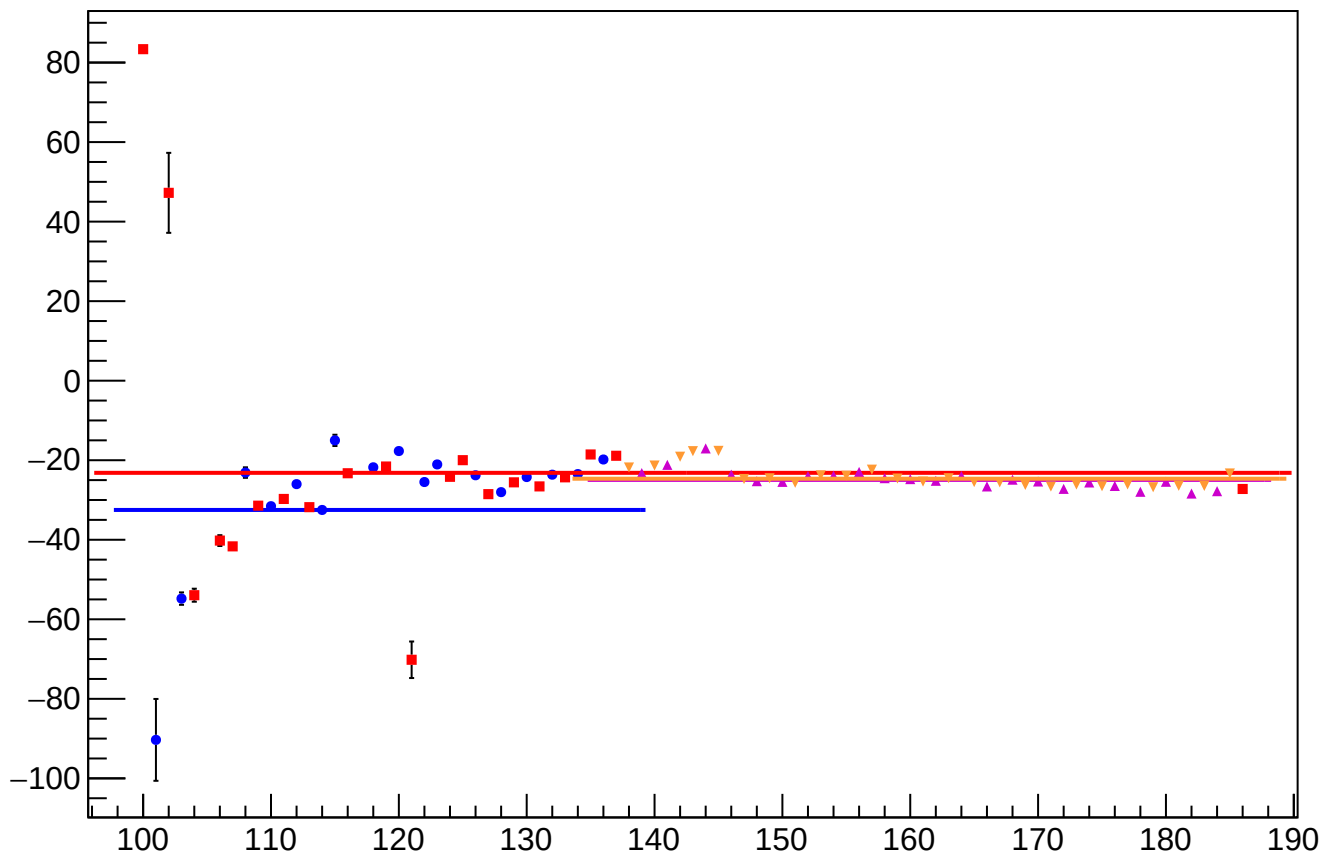
Left In: 14.441 $\pm$ 0.012 χ^2 /NDF: 12955.9/22

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 25193.4/41

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

- sign -66.739 $\pm$ 0.000 χ^2 /NDF: 51632132.7/42

dit_atr1_4eY_slope vs Slug



Right In: -32.504 $\pm$ 0.000 χ^2 /NDF: 74187.4/16

Left Out: -24.652 $\pm$ 0.015 χ^2 /NDF: 23058.0/24

Right Out: -23.171 $\pm$ 0.048 χ^2 /NDF: 90784.8/19

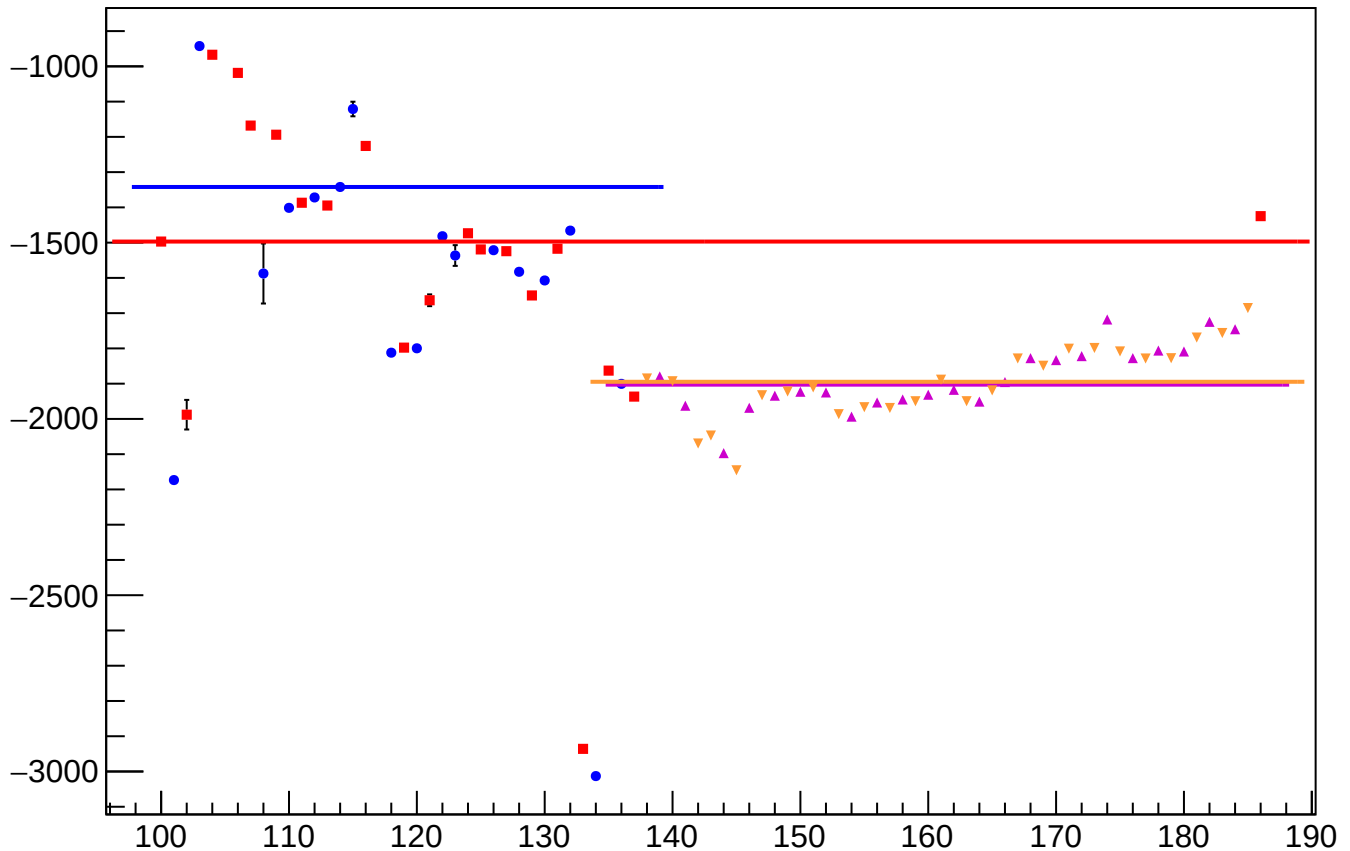
Left In: -24.948 $\pm$ 0.015 χ^2 /NDF: 14049.6/22

+ sign -32.504 $\pm$ 0.000 χ^2 /NDF: 372575.4/41

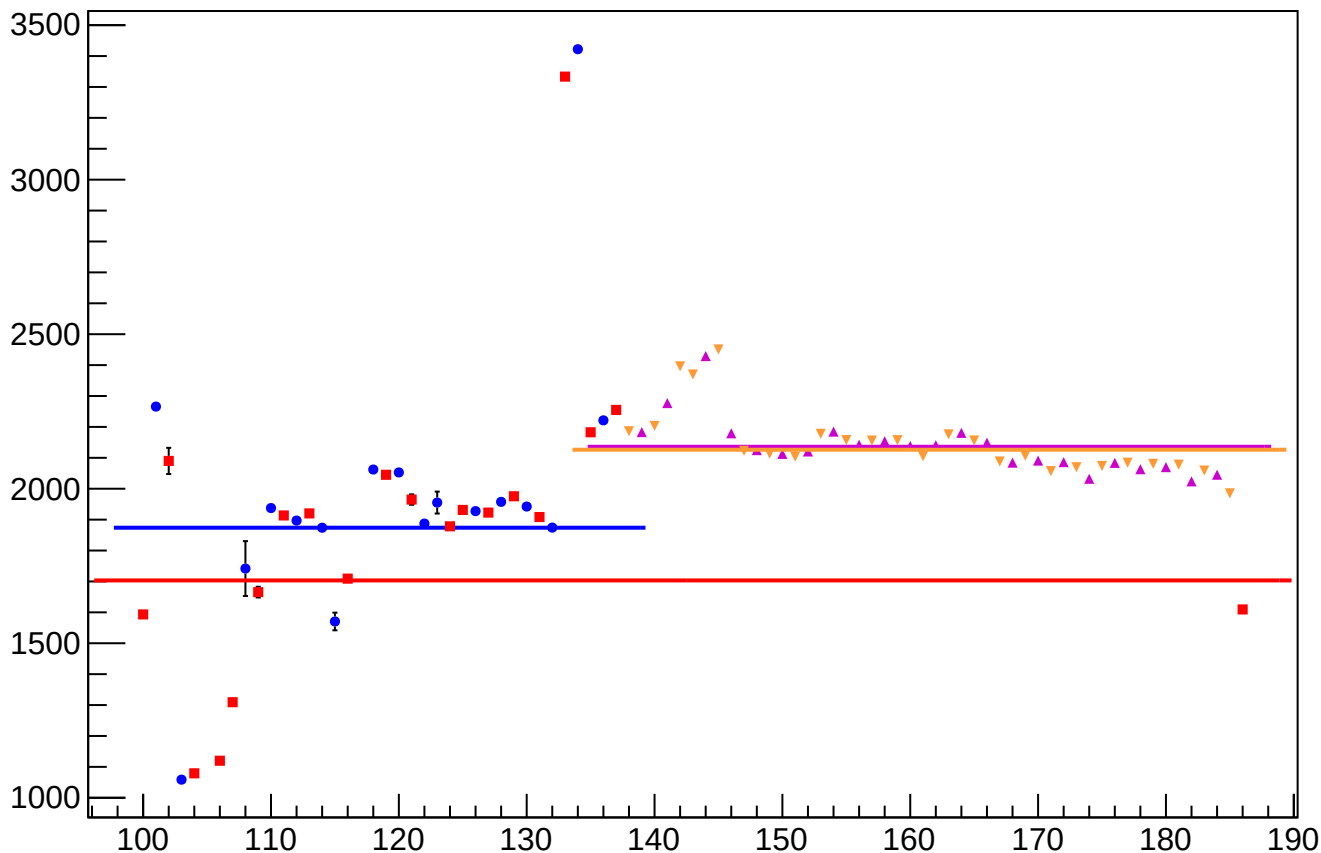
All: -32.504 $\pm$ 0.000 χ^2 /NDF: 763917.7/84

- sign -24.783 $\pm$ 0.014 χ^2 /NDF: 106104.4/42

dit_atr2_4aX_slope vs Slug



dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 201563.9/16

Left Out: 2126.160+/-0.317 χ^2/NDF : 48244.0/24

Right Out: 1703.303+/-0.297 χ^2/NDF : 841595.4/19

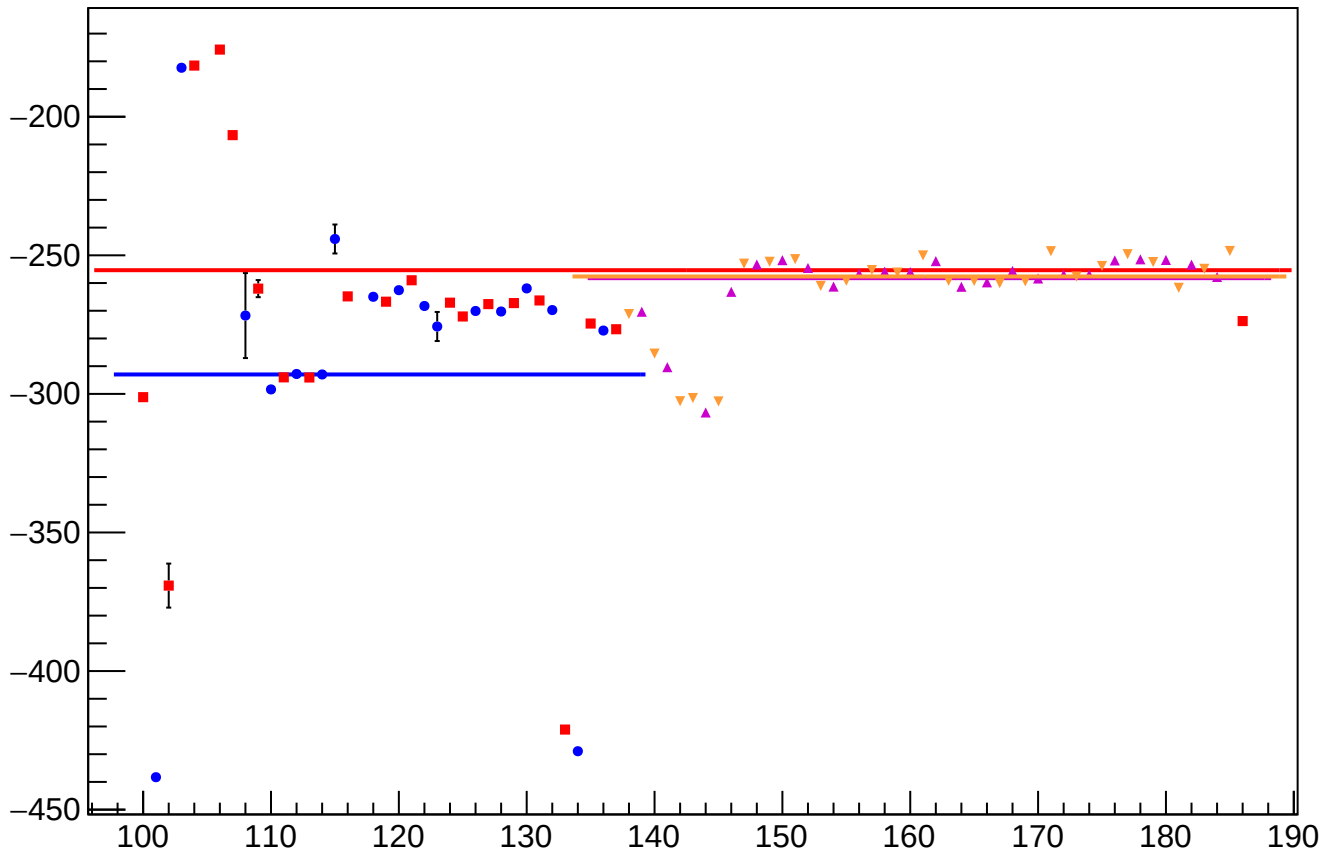
Left In: 2135.770+/-0.290 χ^2/NDF : 58031.3/22

+ sign 1873.852+/-0.000 χ^2/NDF : 882175.6/41

All: 1873.852+/-0.000 χ^2/NDF : 2929981.0/84

- sign 1925.061+/-0.207 χ^2/NDF : 1986791.6/42

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 χ^2/NDF : 1015592.4/16

Left Out: -257.631 ± 0.020 χ^2/NDF : 226942.0/24

Right Out: -255.366 ± 0.057 χ^2/NDF : 509680.7/19

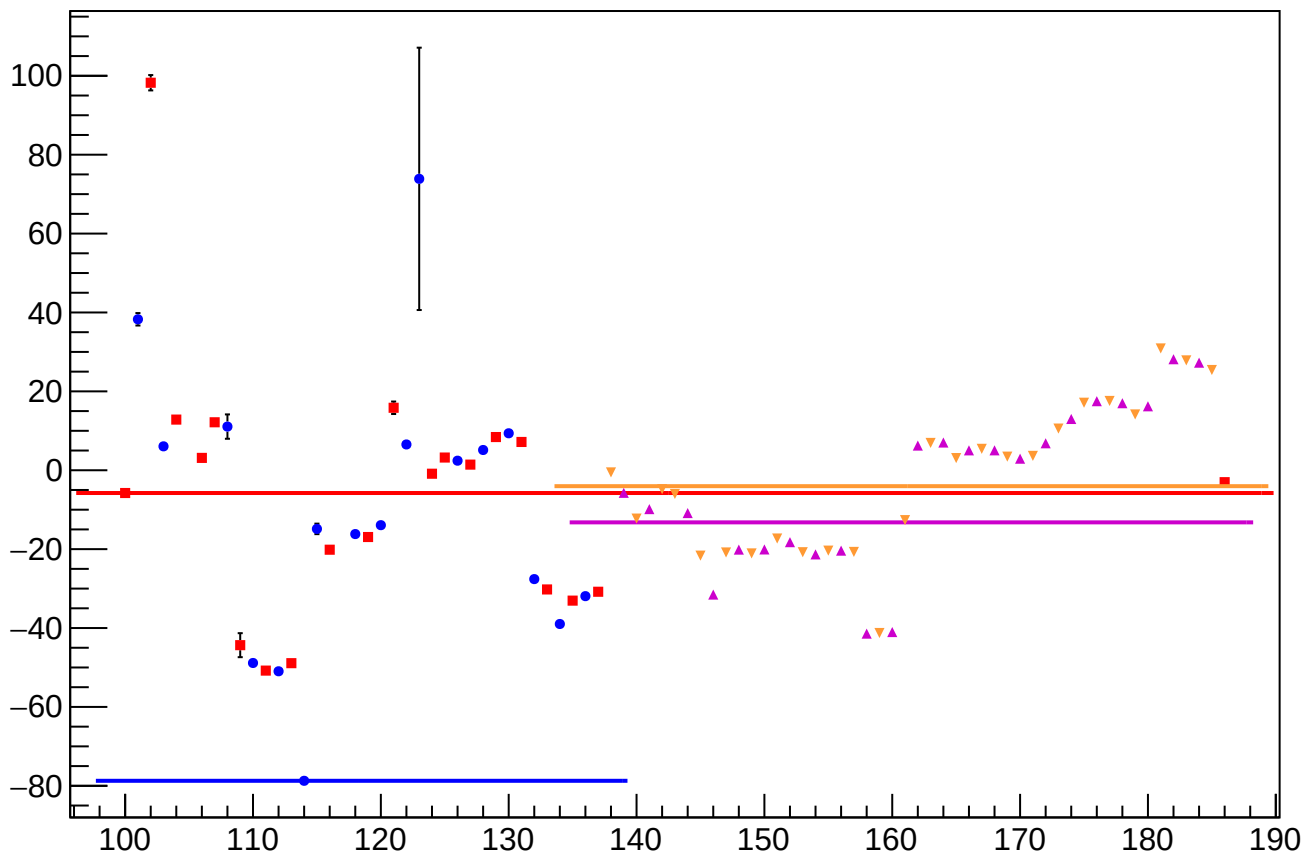
Left In: -258.240 ± 0.017 χ^2/NDF : 268186.3/22

+ sign -292.986 ± 0.000 χ^2/NDF : 4412520.1/41

All: -292.986 ± 0.000 χ^2/NDF : 9571229.3/84

- sign -257.994 ± 0.017 χ^2/NDF : 780185.1/42

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 χ^2/NDF : 1399088.3/16

Left Out: -4.036 ± 0.017 χ^2/NDF : 1369619.3/24

Right Out: -5.769 ± 0.000 χ^2/NDF : 111594.2/19

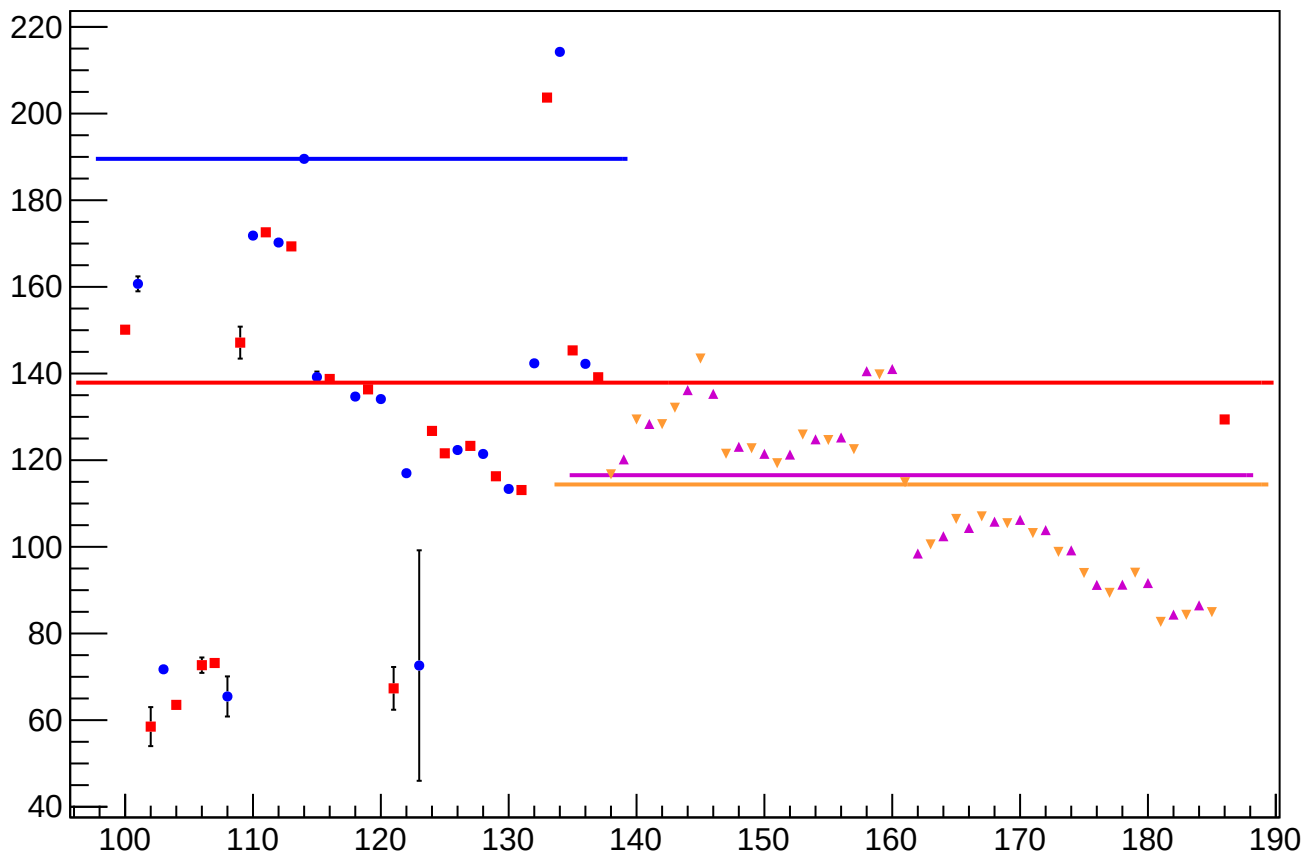
Left In: -13.213 ± 0.017 χ^2/NDF : 1356033.4/22

+ sign -78.728 ± 0.000 χ^2/NDF : 21909401.2/41

All: -6.288 ± 0.000 χ^2/NDF : 2878797679293

- sign -5.769 ± 0.000 χ^2/NDF : 1661182.5/42

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 114.395 $\pm$ 0.023 χ^2 /NDF: 434871.2/24

Right Out: 137.896 $\pm$ 0.059 χ^2 /NDF: 117619.1/19

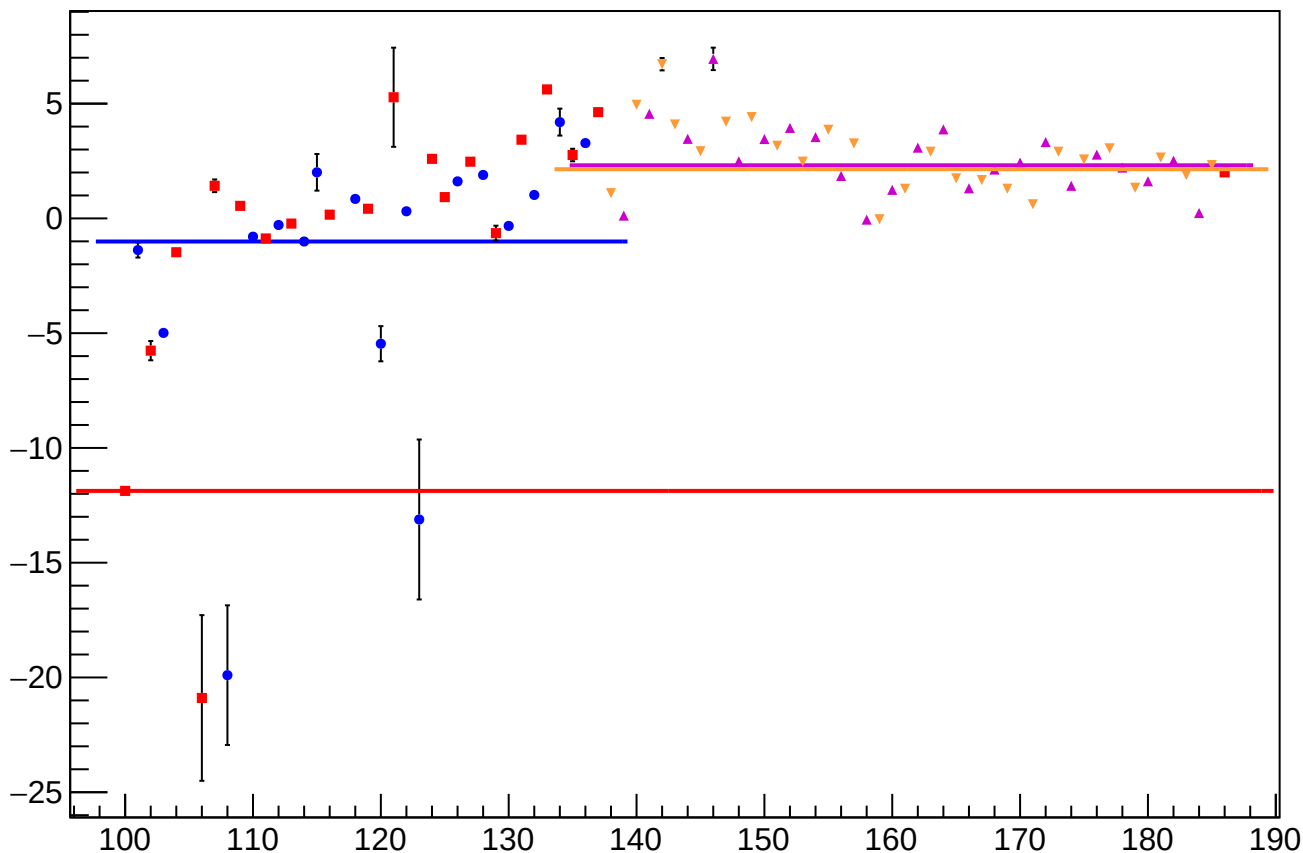
Left In: 116.538 $\pm$ 0.024 χ^2 /NDF: 458128.6/22

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 12448519.0/41

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 23360460.1/84

- sign 119.512 $\pm$ 0.022 χ^2 /NDF: 689699.7/42

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 2.143 ± 0.015 χ^2/NDF : 6585.0/24

Right Out: -11.872 ± 0.000 χ^2/NDF : 515659.0/19

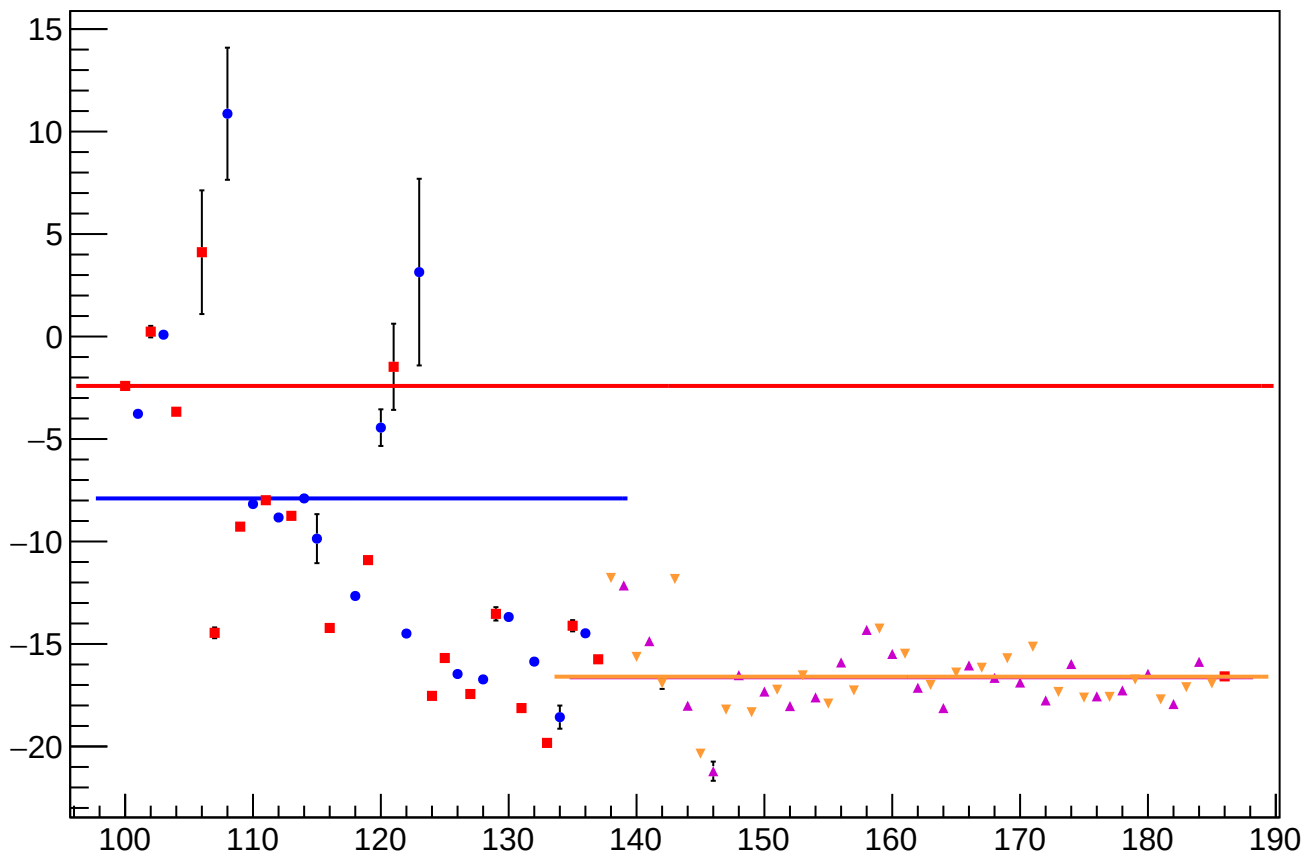
Left In: 2.313 ± 0.014 χ^2/NDF : 7446.3/22

+ sign -1.007 ± 0.000 χ^2/NDF : 59864.1/41

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 1540514.1/42

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.595 ± 0.014 χ^2/NDF : 8432.7/24

Right Out: -2.410 ± 0.000 χ^2/NDF : 220251.9/19

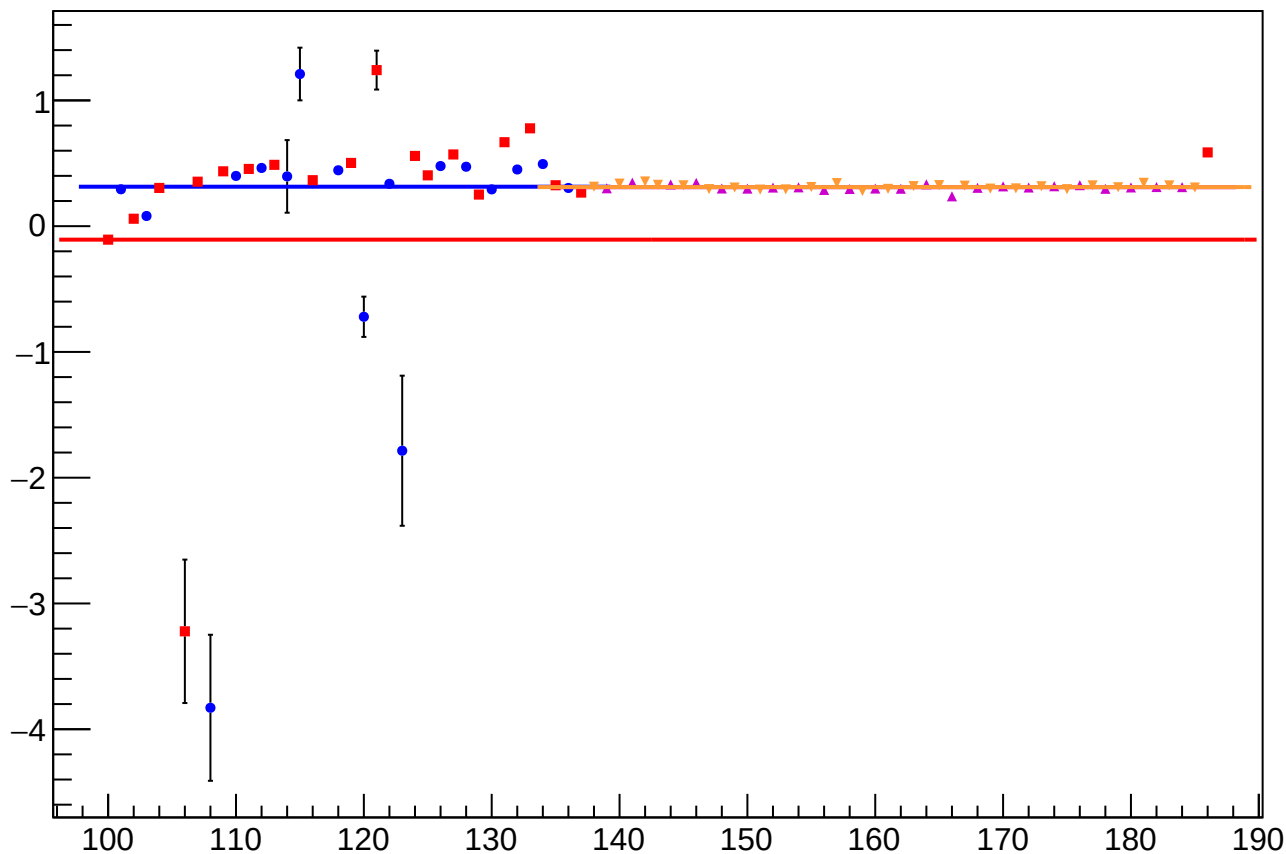
Left In: -16.625 ± 0.015 χ^2/NDF : 6289.5/22

+ sign -7.899 ± 0.000 χ^2/NDF : 413721.7/41

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 1162644.3/42

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.311 ± 0.000 χ^2/NDF : 4975.7/24

Right Out: -0.107 ± 0.000 χ^2/NDF : 221935.9/19

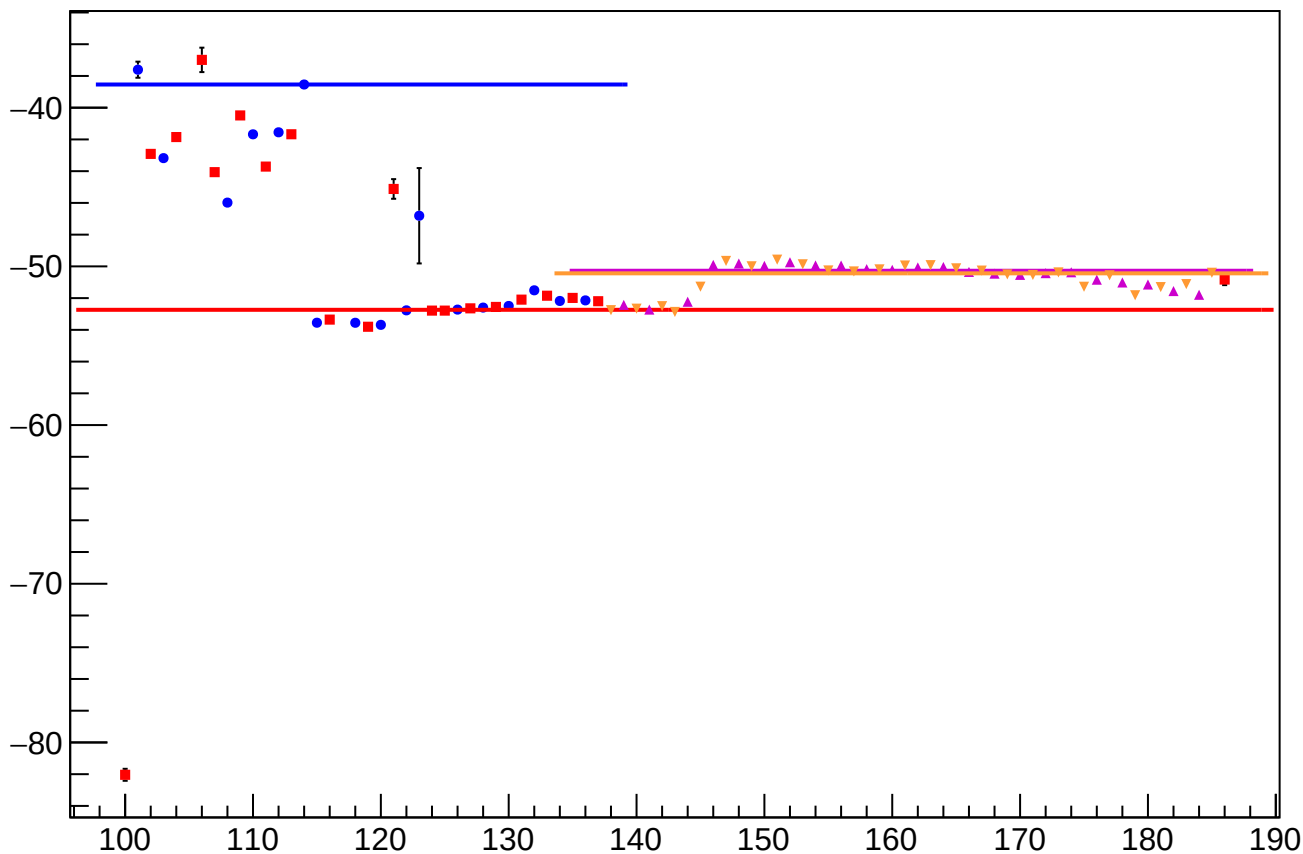
Left In: 0.310 ± 0.000 χ^2/NDF : 3074.6/22

+ sign 0.311 ± 0.000 χ^2/NDF : 7732.6/41

All: -0.107 ± 0.000 χ^2/NDF : 7158805.7/84

- sign -0.107 ± 0.000 χ^2/NDF : 3527461.6/42

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 14950854.6/16

Left Out: -50.438 ± 0.001 χ^2/NDF : 299897.3/24

Right Out: -52.737 ± 0.002 χ^2/NDF : 87459.6/19

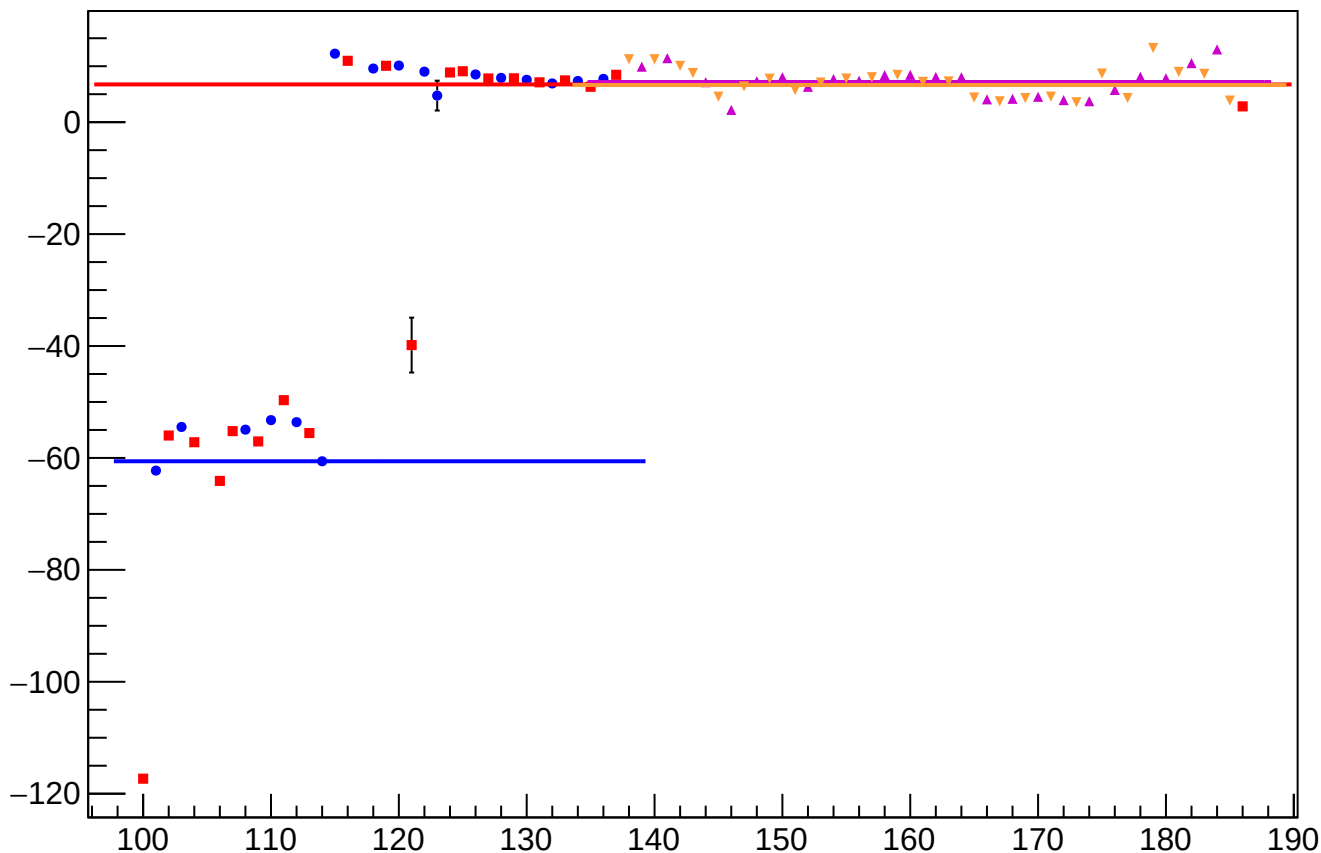
Left In: -50.276 ± 0.001 χ^2/NDF : 190236.3/22

+ sign -38.539 ± 0.000 χ^2/NDF : 90830081.0/41

All: -38.539 ± 0.000 χ^2/NDF : 236140343.0/8

- sign -51.032 ± 0.001 χ^2/NDF : 1465637.5/42

dit_sam1_4eY_slope vs Slug



Right In: -60.594±/-0.000 χ^2/NDF : 26122838.1/16

Left Out: 6.641±/-0.004 χ^2/NDF : 340462.4/24

Right Out: 6.745±/-0.011 χ^2/NDF : 1266707.7/19

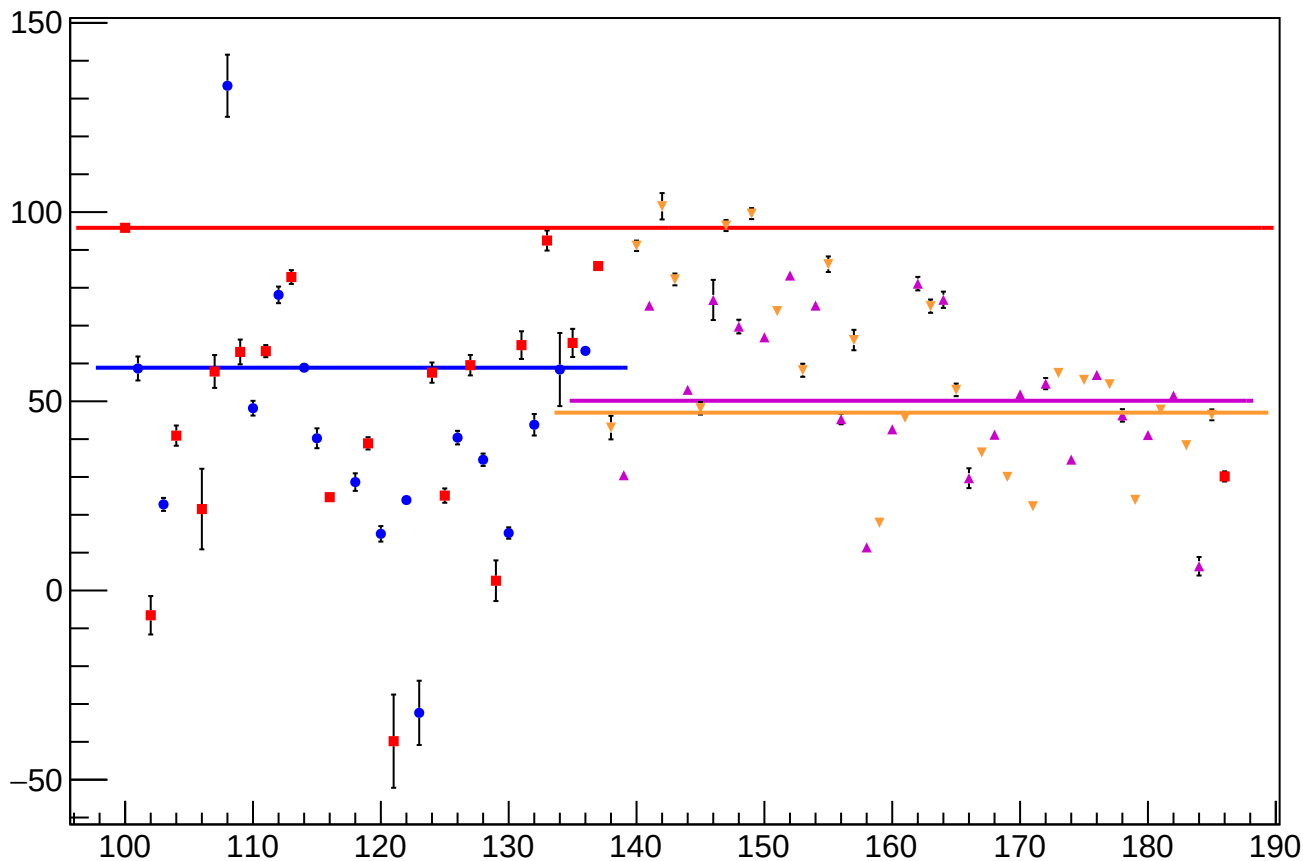
Left In: 7.179±/-0.003 χ^2/NDF : 214127.6/22

+ sign -60.594±/-0.000 χ^2/NDF : 360528428.6/41

All: -60.594±/-0.000 χ^2/NDF : 783283511.1/8

- sign 7.140±/-0.003 χ^2/NDF : 1482250.5/42

dit_sam2_4aX_slope vs Slug



Right In: 58.880 ± 0.000 χ^2/NDF : 3814.7/16

Left Out: 46.995 ± 0.215 χ^2/NDF : 9203.7/24

Right Out: 95.846 ± 0.000 χ^2/NDF : 41779.7/19

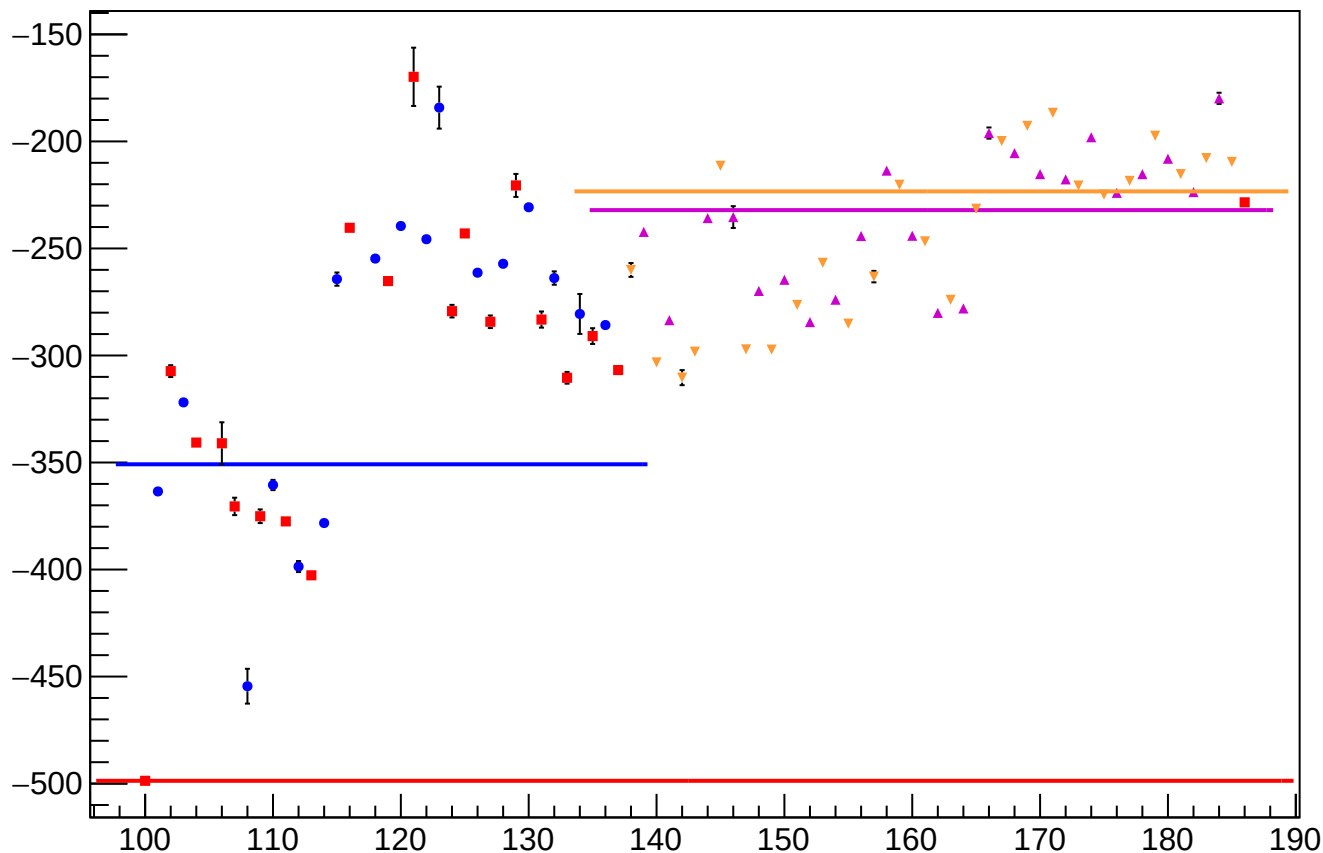
Left In: 50.144 ± 0.212 χ^2/NDF : 6667.7/22

+ sign 58.880 ± 0.000 χ^2/NDF : 16075.0/41

All: 60.098 ± 0.000 χ^2/NDF : 981523394566

- sign 95.846 ± 0.000 χ^2/NDF : 95135.1/42

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -223.342 ± 0.215 χ^2/NDF : 22293.9/24

Right Out: -498.692 ± 0.000 χ^2/NDF : 561270.2/19

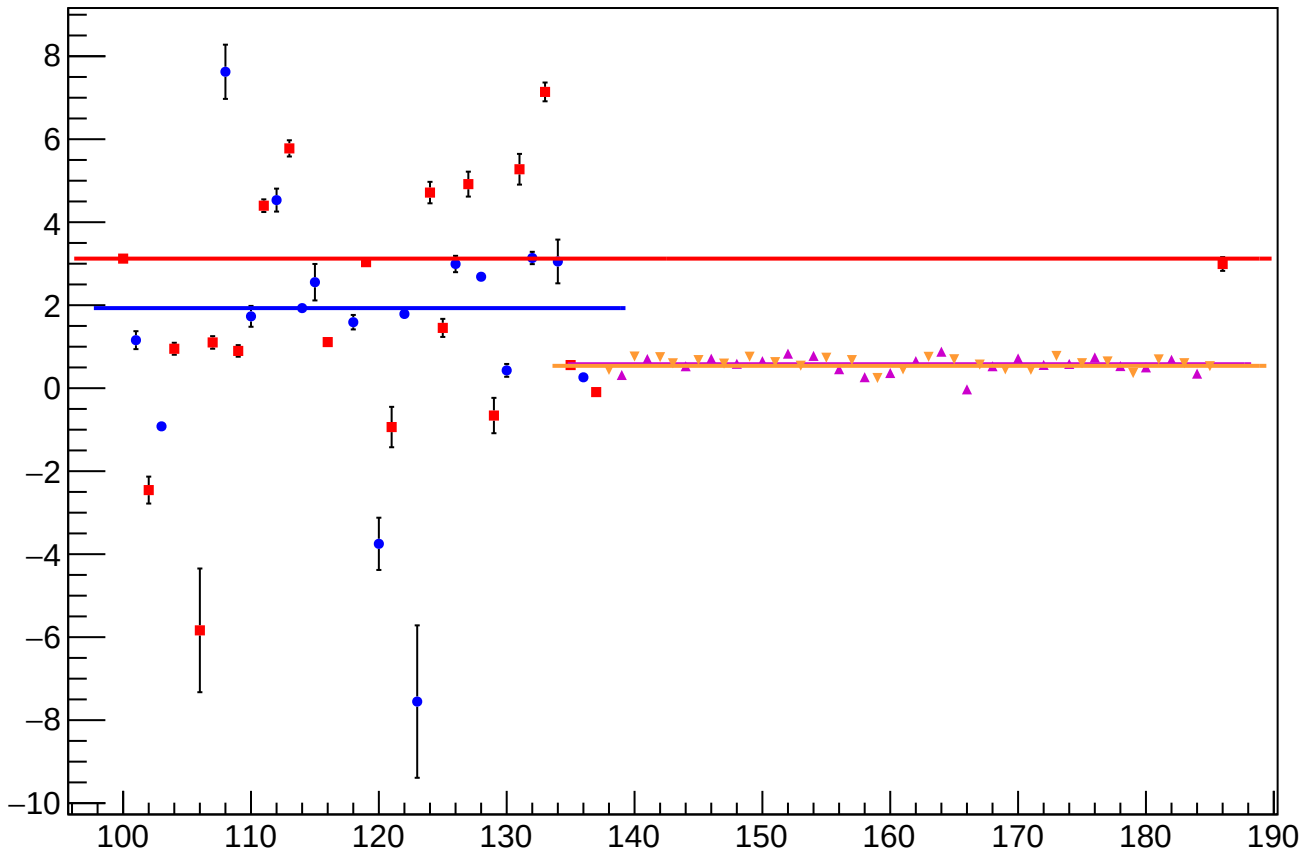
Left In: -232.094 ± 0.217 χ^2/NDF : 17468.1/22

+ sign -279.052 ± 0.162 χ^2/NDF : 216636.0/41

All: -498.692 ± 0.000 χ^2/NDF : 4145265.2/84

- sign -498.692 ± 0.000 χ^2/NDF : 2082397.9/42

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.539 ± 0.002 χ^2/NDF : 10792.6/24

Right Out: 3.123 ± 0.000 χ^2/NDF : 512566.1/19

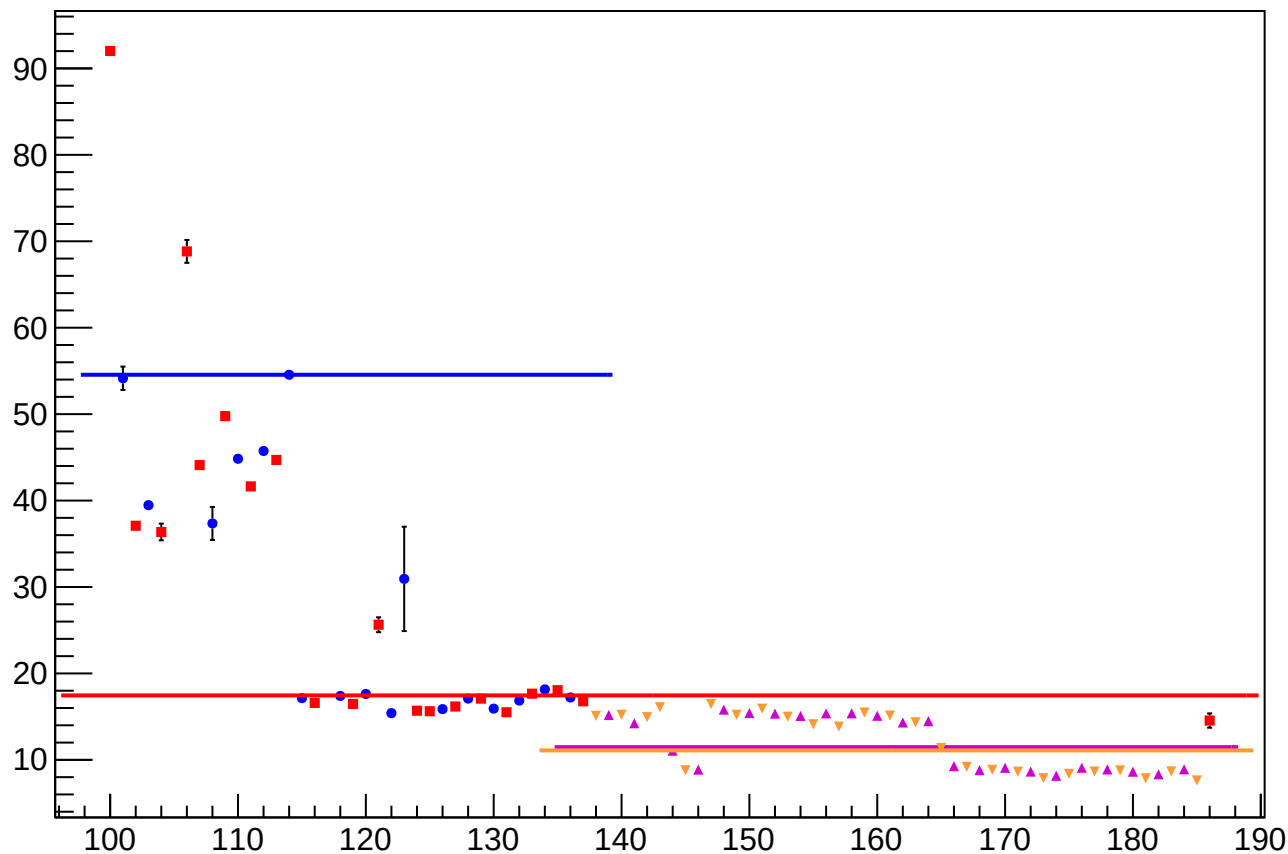
Left In: 0.577 ± 0.001 χ^2/NDF : 15533.6/22

+ sign 1.930 ± 0.000 χ^2/NDF : 762047.5/41

All: 2.073 ± 0.000 χ^2/NDF : 38099534578085

- sign 3.123 ± 0.000 χ^2/NDF : 3606366.3/42

dit_sam2_4aY_slope vs Slug



Right In: 54.556 ± 0.000 χ^2/NDF : 7238433.0/16

Left Out: 11.095 ± 0.005 χ^2/NDF : 381518.3/24

Right Out: 17.457 ± 0.018 χ^2/NDF : 99320.9/19

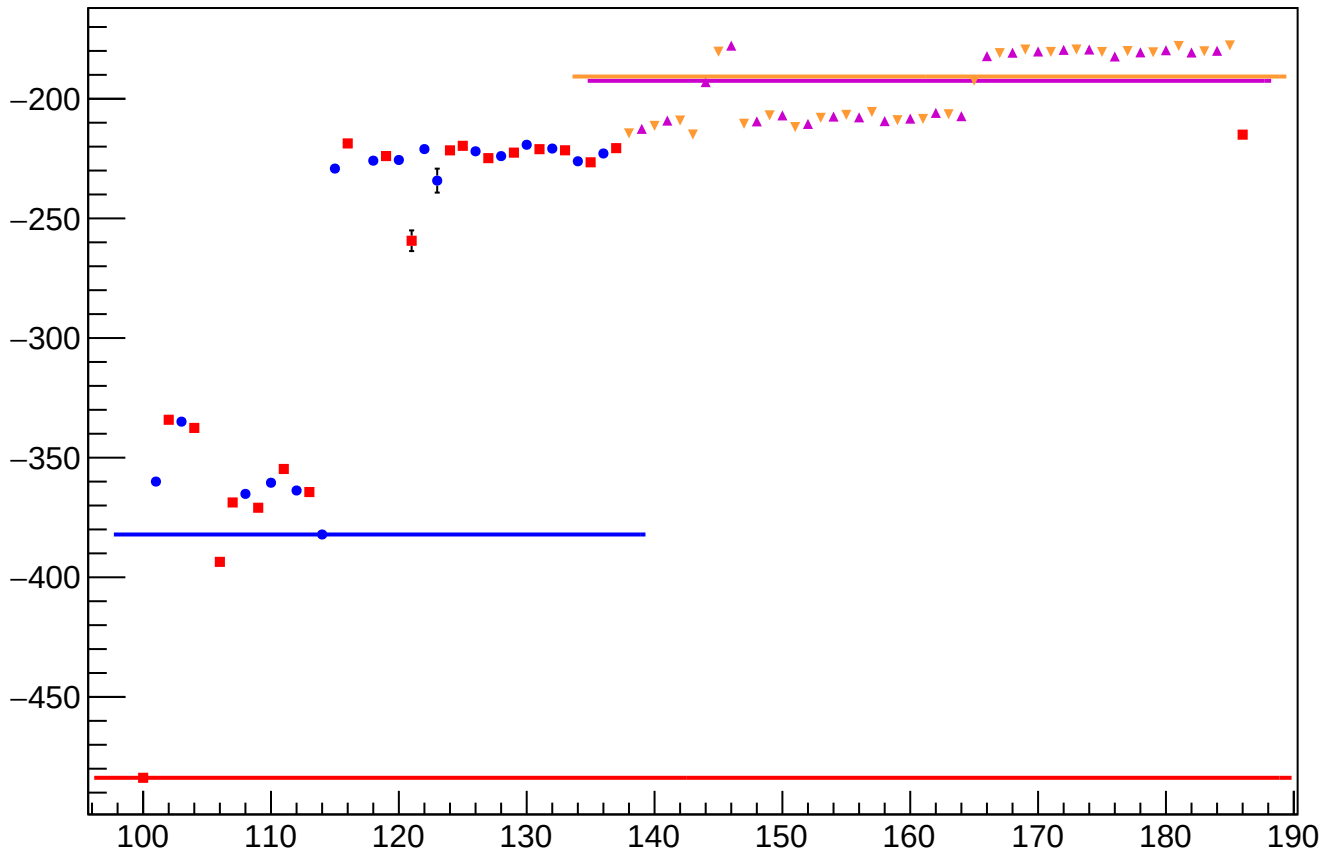
Left In: 11.477 ± 0.005 χ^2/NDF : 381285.2/22

+ sign 54.556 ± 0.000 χ^2/NDF : 73445231.7/41

All: 54.556 ± 0.000 χ^2/NDF : 145989822.2/84

- sign 11.929 ± 0.005 χ^2/NDF : 579519.4/42

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 χ^2/NDF : 18398024.3/16

Left Out: -190.703 ± 0.011 χ^2/NDF : 1602184.8/24

+ sign -382.108 ± 0.000 χ^2/NDF : 314336854.7/41

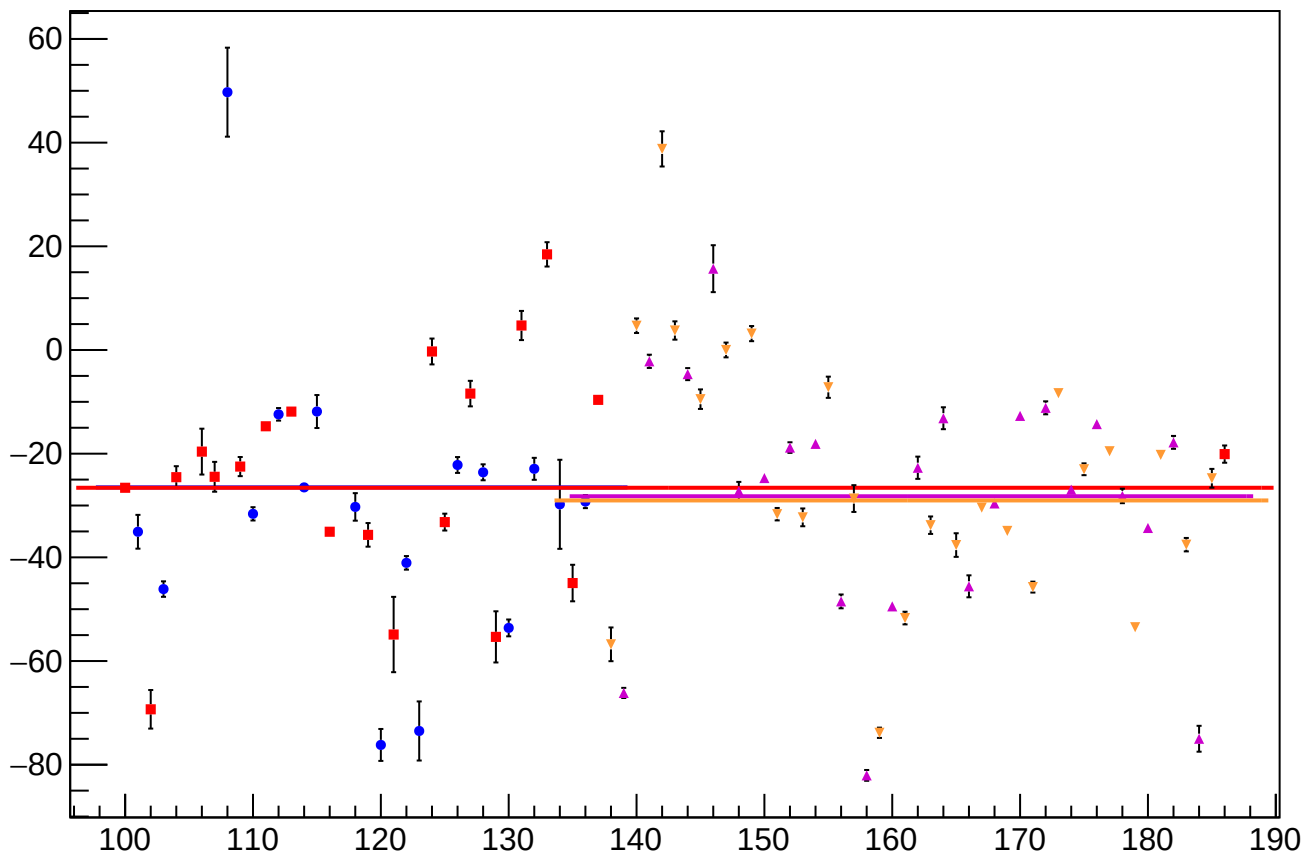
Right Out: -483.800 ± 0.000 χ^2/NDF : 24422871.3/19

All: -417.999 ± 0.000 χ^2/NDF : 12425488813

- sign -483.800 ± 0.000 χ^2/NDF : 679968825.9/42

Left In: -192.488 ± 0.011 χ^2/NDF : 1500910.9/22

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -29.022 ± 0.235 χ^2/NDF : 7110.5/24

Right Out: -26.577 ± 0.000 χ^2/NDF : 2656.1/19

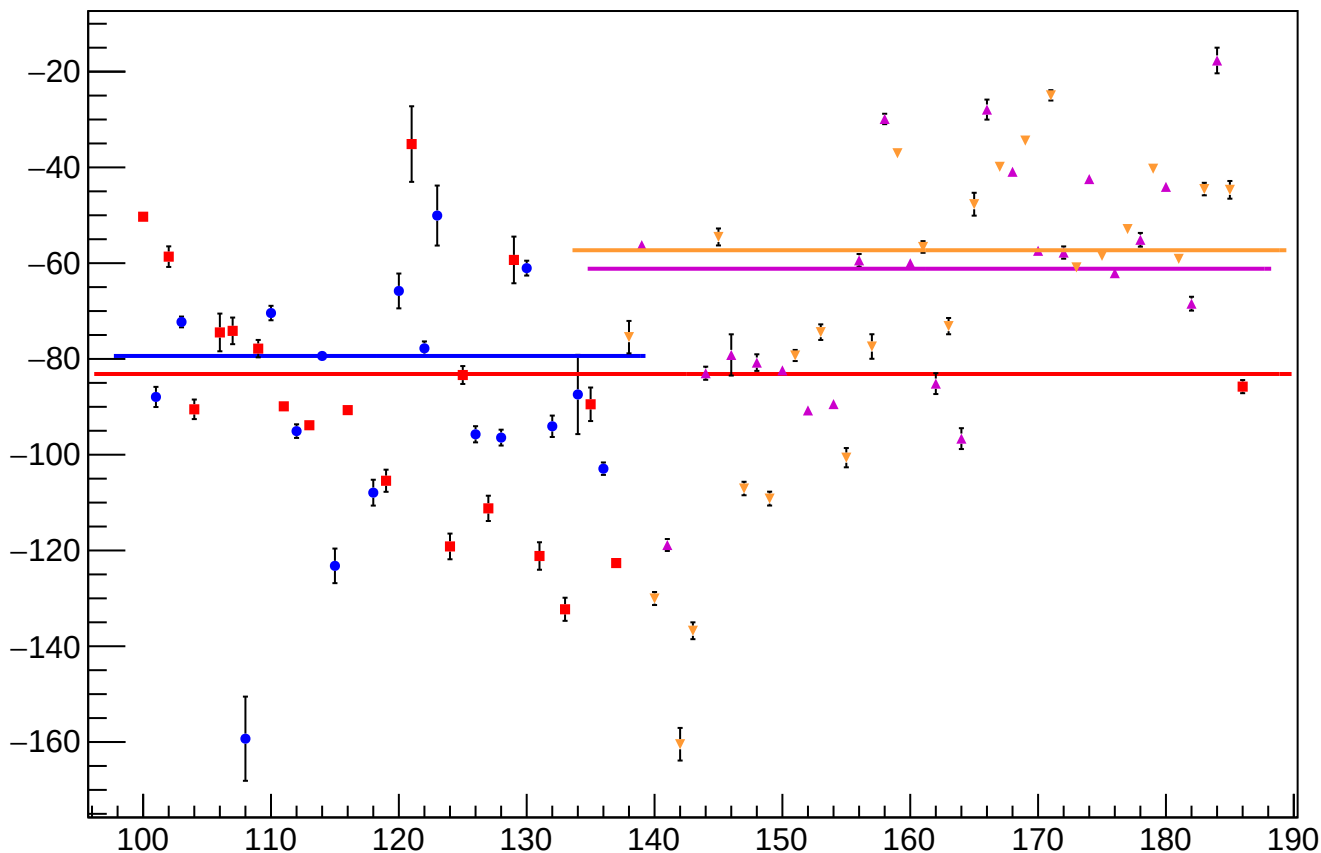
Left In: -28.215 ± 0.215 χ^2/NDF : 7786.5/22

+ sign -26.504 ± 0.000 χ^2/NDF : 8406.2/41

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 10500.9/42

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -57.300 ± 0.229 $\chi^2/\text{NDF}: 13067.7/24$

Right Out: -83.143 ± 0.177 $\chi^2/\text{NDF}: 11919.6/19$

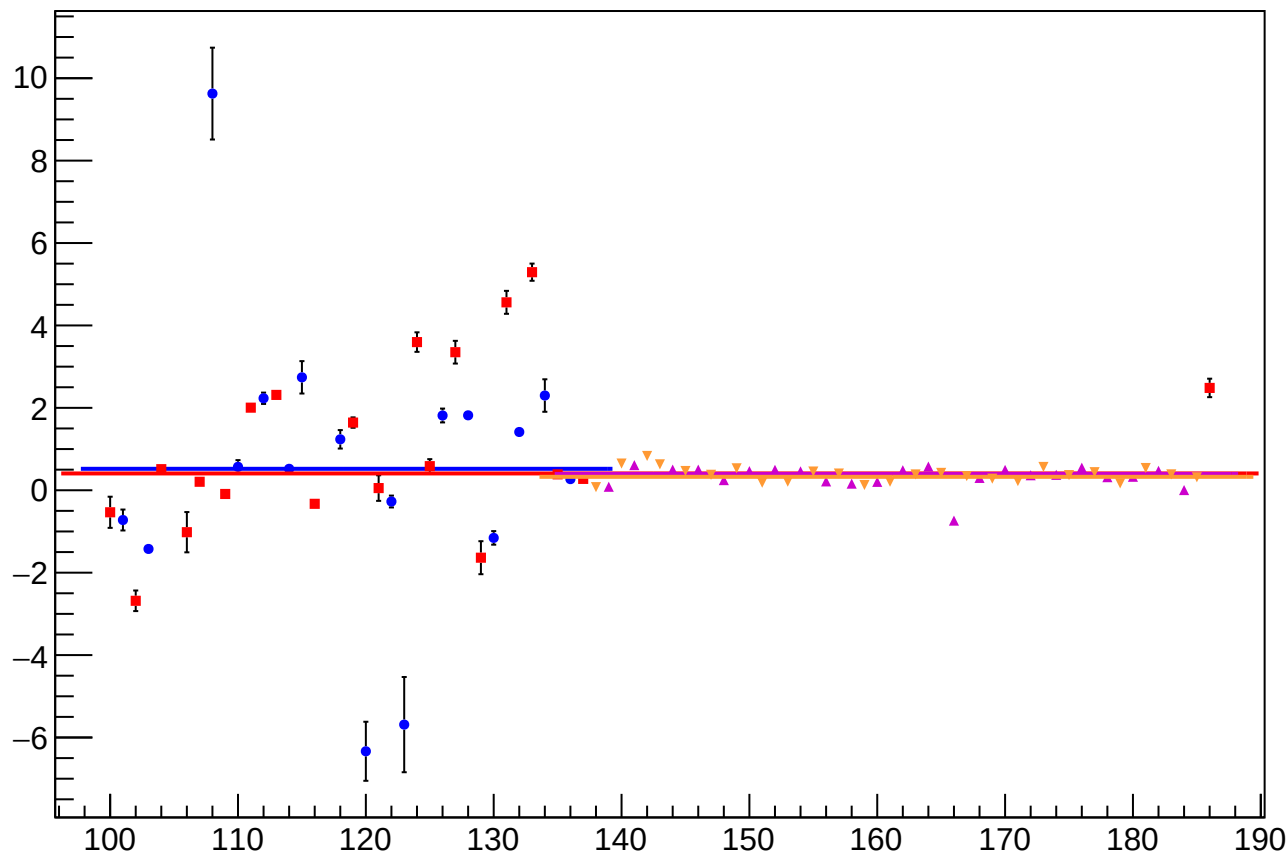
Left In: -61.164 ± 0.218 $\chi^2/\text{NDF}: 8941.7/22$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 23650.0/41$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 51971.7/84$

- sign -74.409 ± 0.137 $\chi^2/\text{NDF}: 27010.4/42$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.326+/-0.002 χ^2/NDF :10419.3/24

Right Out: 0.408+/-0.011 χ^2/NDF : 2813.4/19

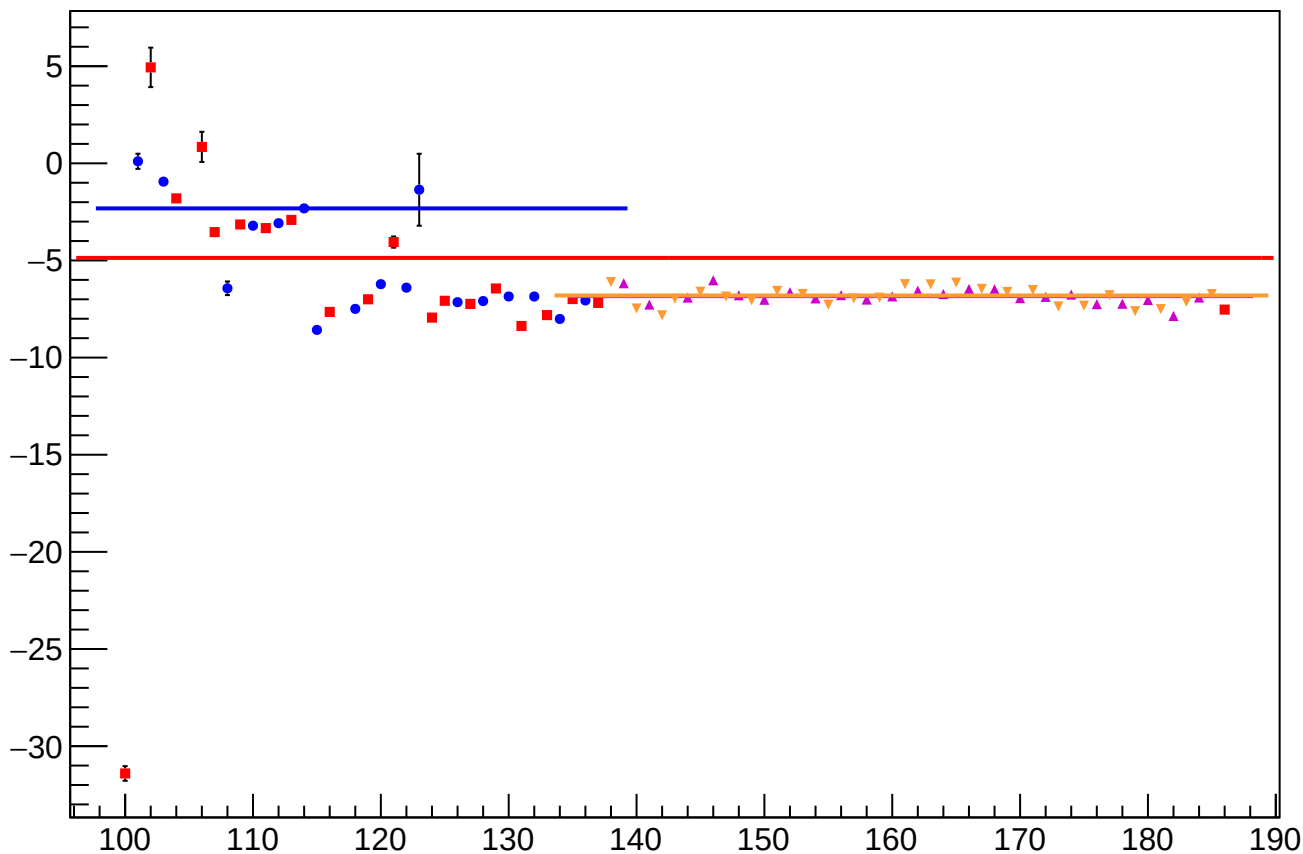
Left In: 0.396+/-0.001 χ^2/NDF :11392.0/22

+ sign 0.521+/-0.000 χ^2/NDF : 28543.2/41

All: 0.521+/-0.000 χ^2/NDF : 50373.0/84

- sign 0.396+/-0.001 χ^2/NDF : 14206.6/42

dit_sam3_4aY_slope vs Slug



Right In: -2.320 $\pm$ 0.000 χ^2 /NDF: 270771.9/16

Left Out: -6.802 $\pm$ 0.002 χ^2 /NDF: 14918.8/24

Right Out: -4.869 $\pm$ 0.010 χ^2 /NDF: 49486.8/19

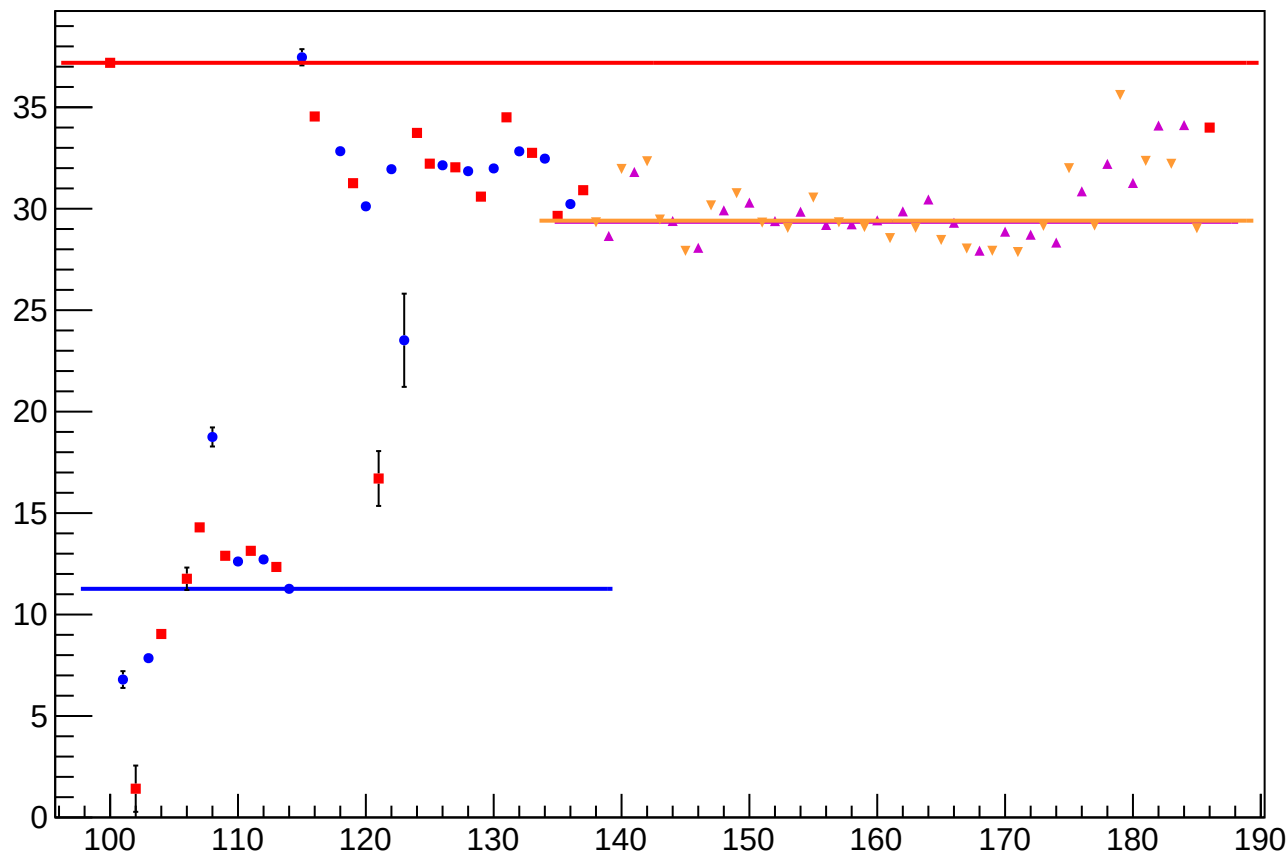
Left In: -6.836 $\pm$ 0.002 χ^2 /NDF: 9245.1/22

+ sign -2.320 $\pm$ 0.000 χ^2 /NDF: 3533597.7/41

All: -2.320 $\pm$ 0.000 χ^2 /NDF: 7165719.6/84

- sign -6.734 $\pm$ 0.002 χ^2 /NDF: 93352.8/42

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.411 $\pm$ 0.008 χ^2 /NDF: 44374.5/24

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1122094.6/19

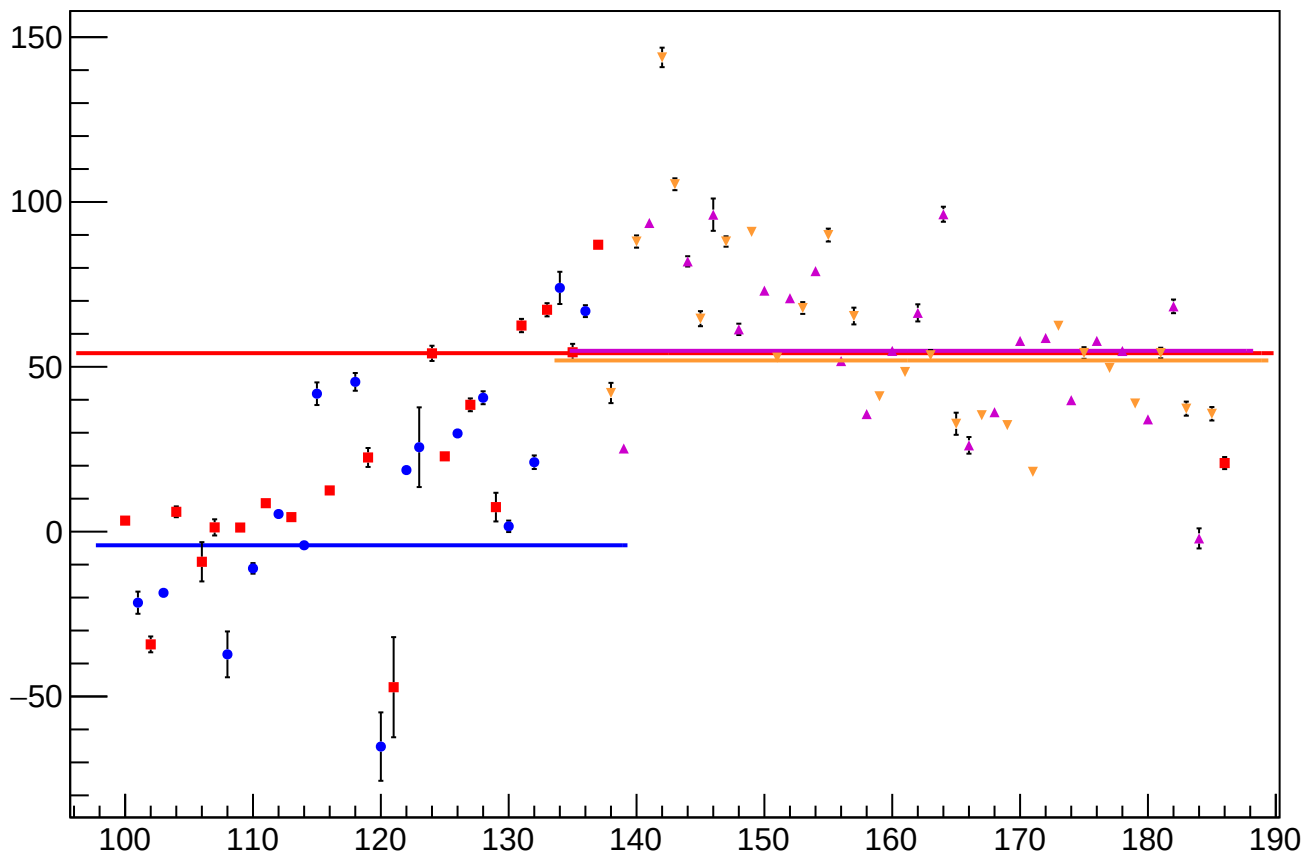
Left In: 29.354 $\pm$ 0.008 χ^2 /NDF: 14741.7/22

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 5917654.2/41

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 0.000 χ^2 /NDF: 2125332.0/42

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 51.931 ± 0.276 χ^2/NDF : 6225.4/24

Right Out: 54.139 ± 0.169 χ^2/NDF : 54332.8/19

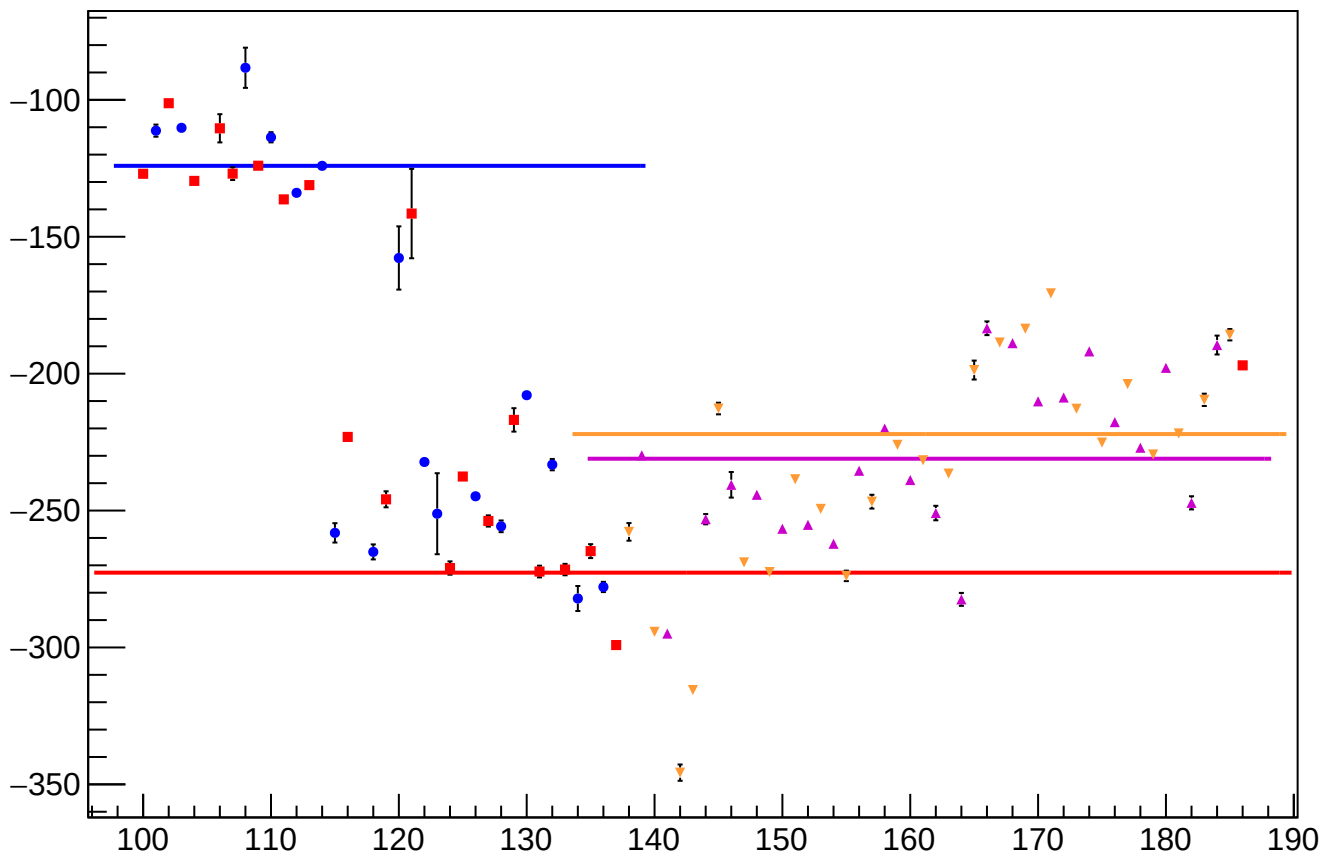
Left In: 54.849 ± 0.247 χ^2/NDF : 6325.8/22

+ sign -4.139 ± 0.000 χ^2/NDF : 52285.7/41

All: -4.139 ± 0.000 χ^2/NDF : 288126.6/84

- sign 54.366 ± 0.140 χ^2/NDF : 60664.1/42

dit_sam4_4eX_slope vs Slug



Right In: -124.095 $\pm$ 0.000 χ^2 /NDF: 38152.5/16

Left Out: -222.063 $\pm$ 0.272 χ^2 /NDF:15812.2/24

Right Out: -272.677 $\pm$ 0.112 χ^2 /NDF: 282936.1/19

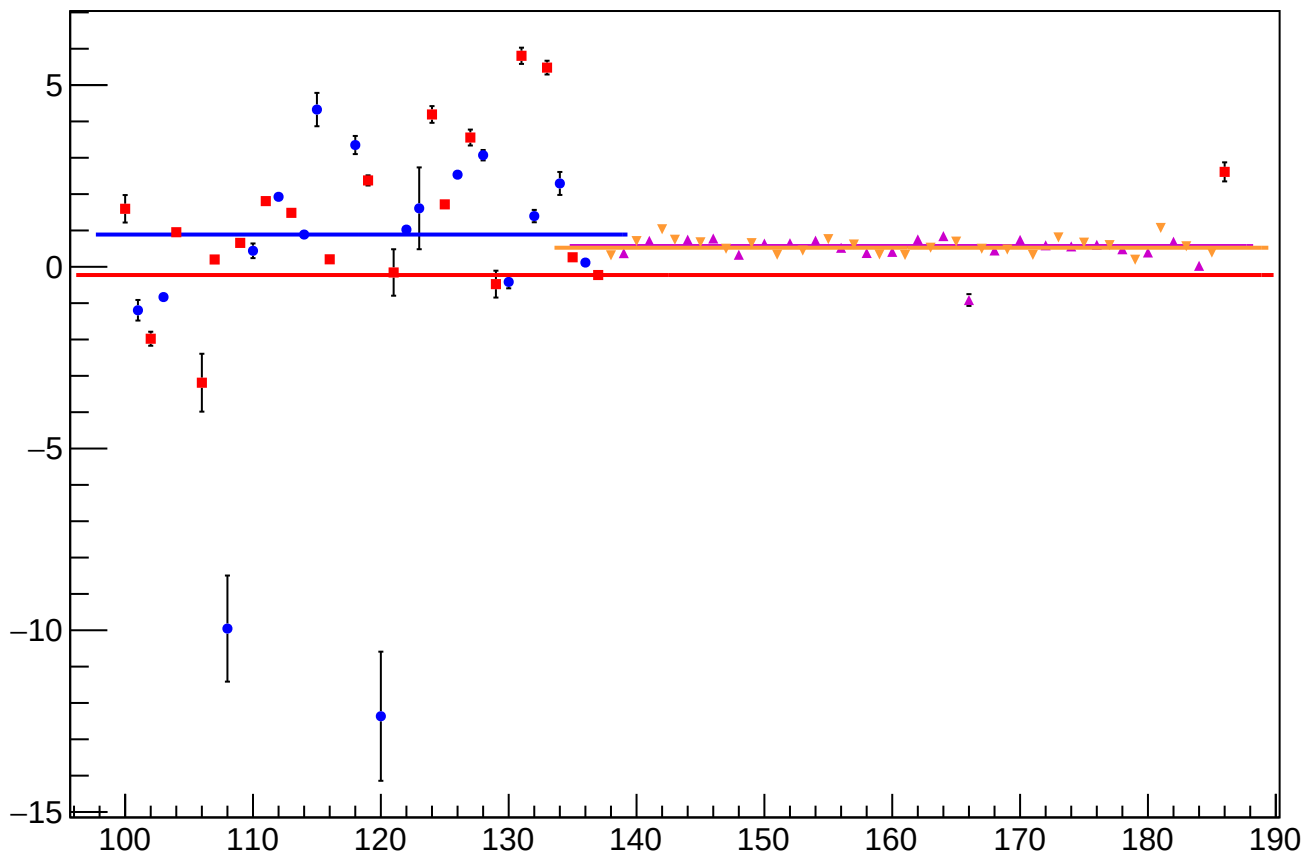
Left In: -231.069 $\pm$ 0.249 χ^2 /NDF:12005.6/22

+ sign -124.095 $\pm$ 0.000 χ^2 /NDF: 183519.0/41

All: -124.095 $\pm$ 0.000 χ^2 /NDF: 2410594.5/84

- sign -265.659 $\pm$ 0.102 χ^2 /NDF: 318067.2/42

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.525 ± 0.002 χ^2/NDF : 9207.9/24

Right Out: -0.226 ± 0.000 χ^2/NDF : 5148.4/19

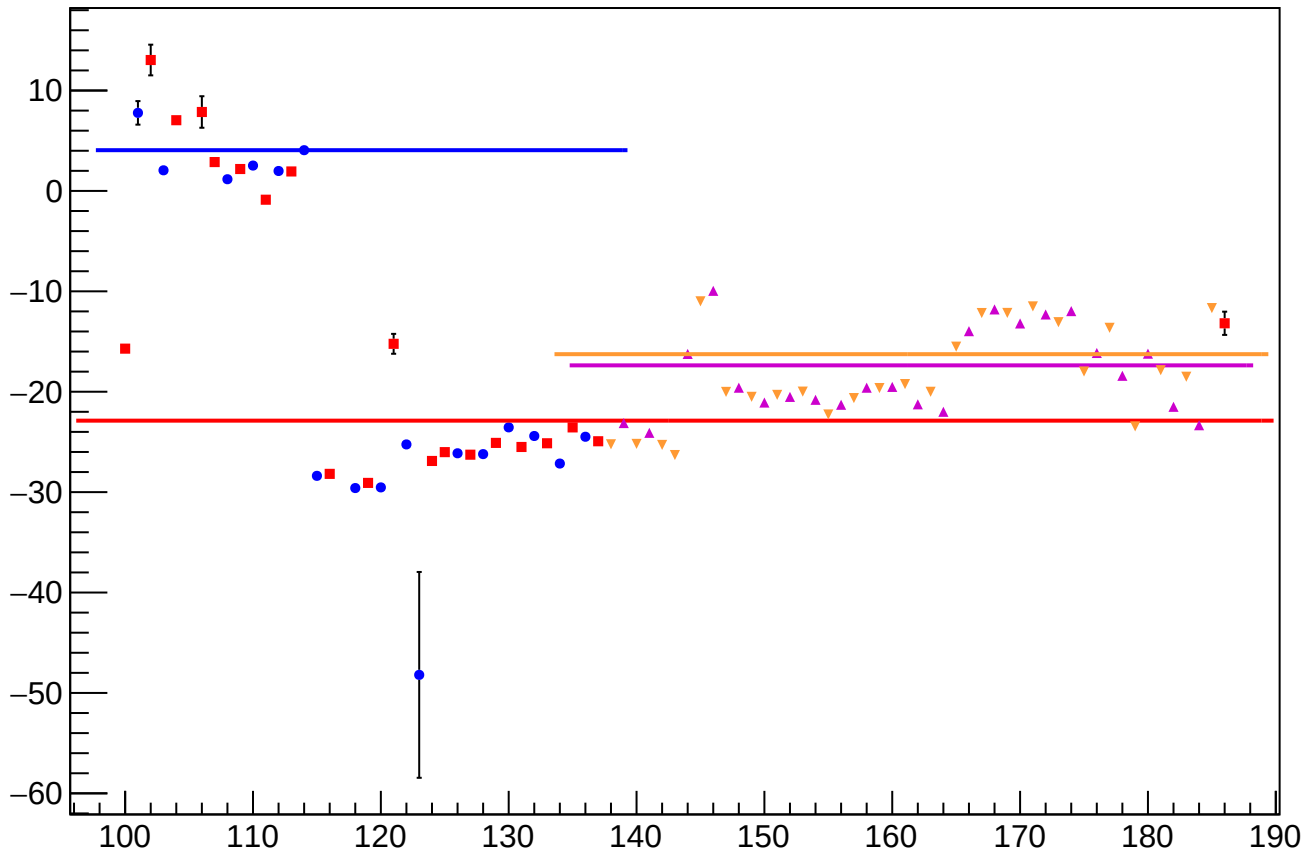
Left In: 0.572 ± 0.002 χ^2/NDF : 5600.2/22

+ sign 0.888 ± 0.000 χ^2/NDF : 50219.3/41

All: 0.888 ± 0.000 χ^2/NDF : 422293150.0/84

- sign -0.225 ± 0.000 χ^2/NDF : 172643.3/42

dit_sam4_4aY_slope vs Slug



Right In: 4.057 $\pm$ 0.000 χ^2 /NDF: 1247888.2/16

Left Out: -16.260 $\pm$ 0.010 χ^2 /NDF:188515.0/24

Right Out: -22.880 $\pm$ 0.026 χ^2 /NDF: 116579.2/19

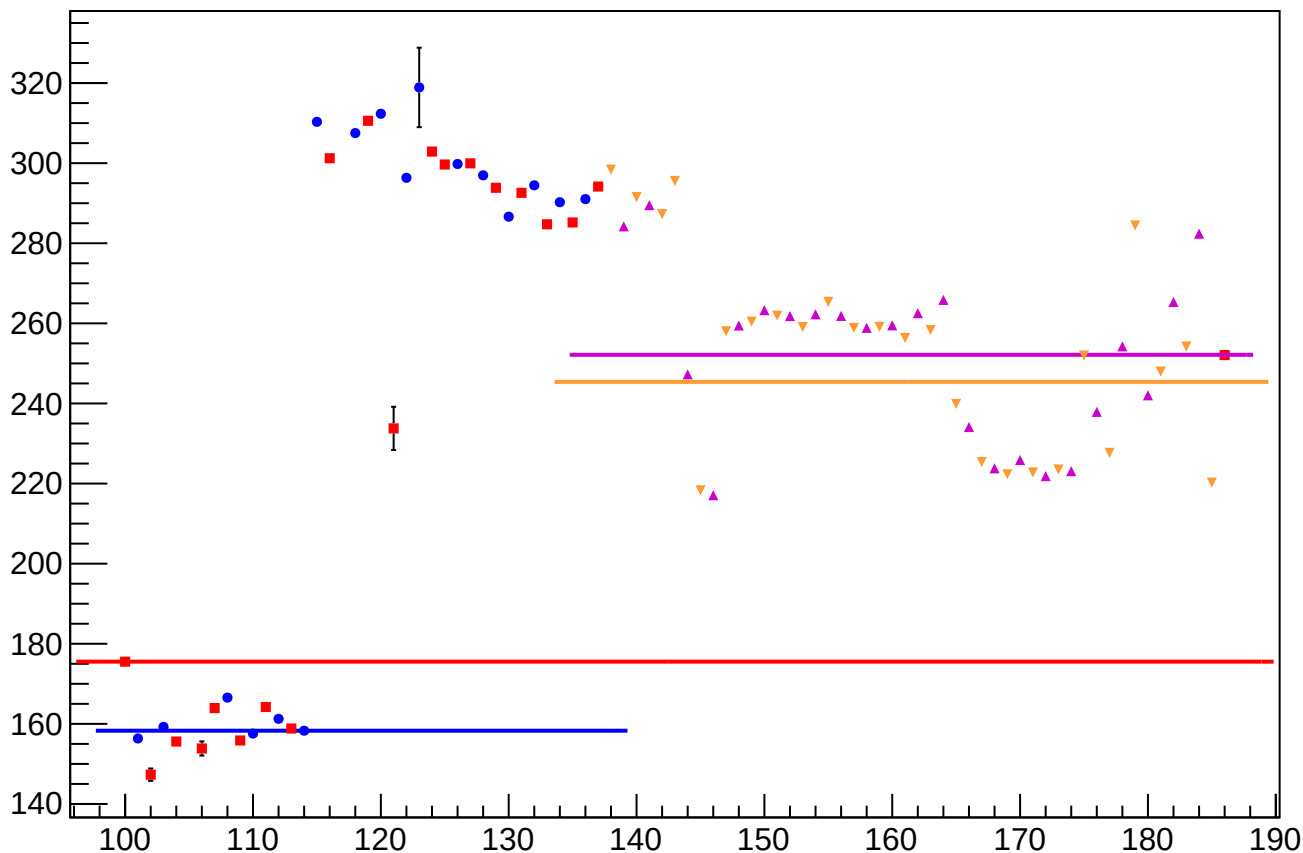
Left In: -17.374 $\pm$ 0.009 χ^2 /NDF:169487.5/22

+ sign 4.057 $\pm$ 0.000 χ^2 /NDF: 5552298.3/41

All: 4.057 $\pm$ 0.000 χ^2 /NDF: 12116558.7/84

- sign -17.993 $\pm$ 0.009 χ^2 /NDF: 324926.1/42

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 245.391 $\pm$ 0.027 χ^2 /NDF: 723564.6/24

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2104672.2/19

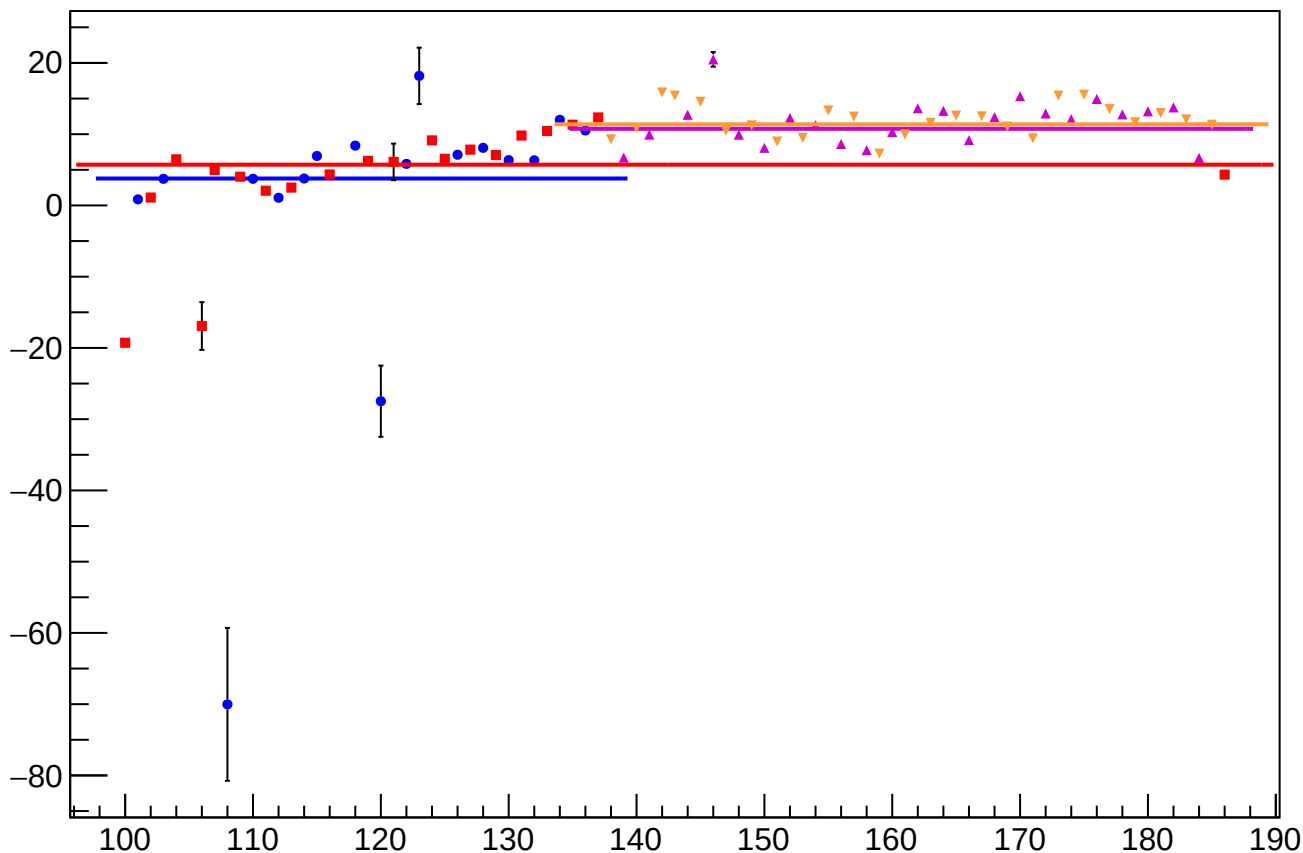
Left In: 252.148 $\pm$ 0.028 χ^2 /NDF: 359416.7/22

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 13265078.0/41

All: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225

- sign 175.536 $\pm$ 0.000 χ^2 /NDF: 9769318.5/42

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 11.389 ± 0.030 χ^2/NDF : 4296.1/24

Right Out: 5.715 ± 0.025 χ^2/NDF : 22380.4/19

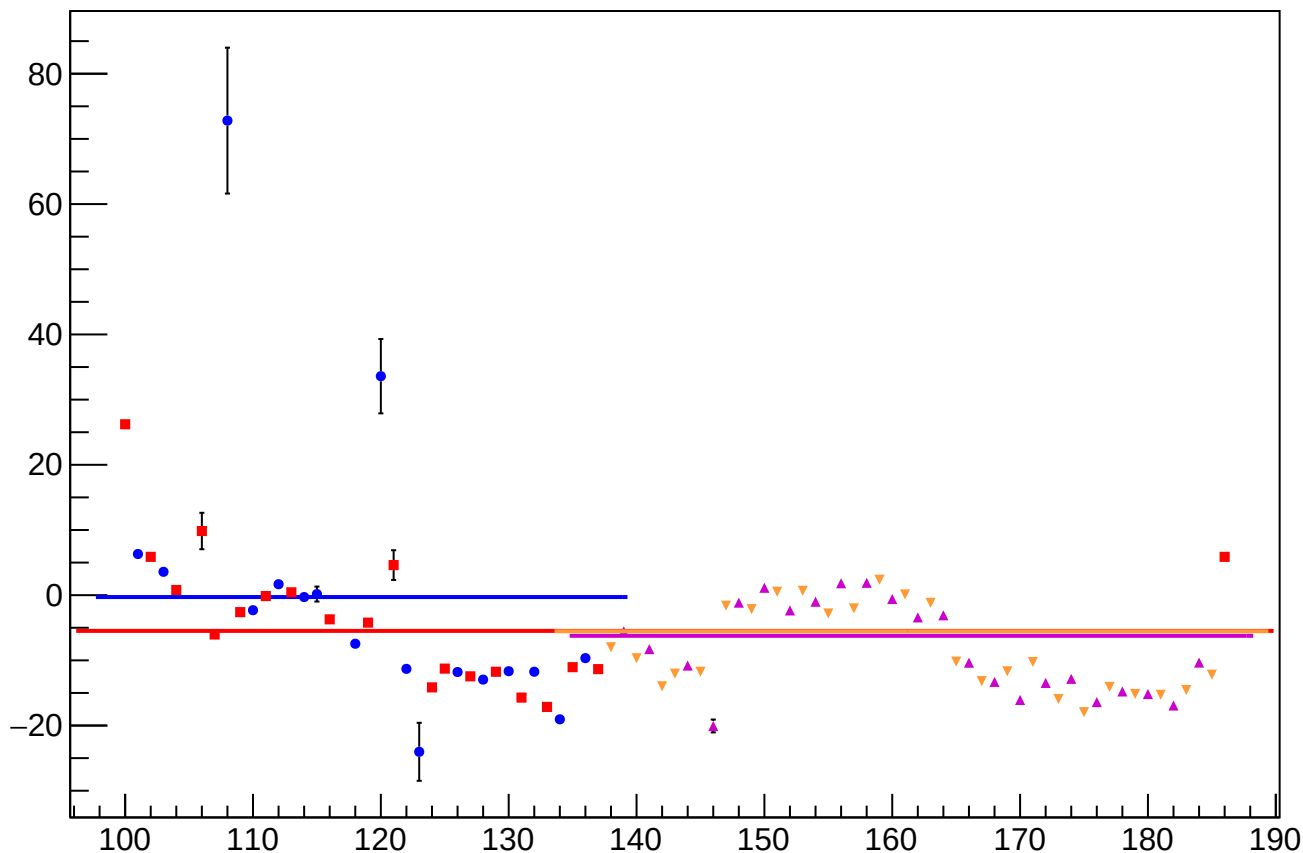
Left In: 10.753 ± 0.028 χ^2/NDF : 9950.6/22

+ sign 3.778 ± 0.000 χ^2/NDF : 75163.6/41

All: 3.778 ± 0.000 χ^2/NDF : 176646.4/84

- sign 8.013 ± 0.019 χ^2/NDF : 50303.3/42

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -5.539 ± 0.030 χ^2/NDF : 43439.8/24

Right Out: -5.481 ± 0.027 χ^2/NDF : 69868.1/19

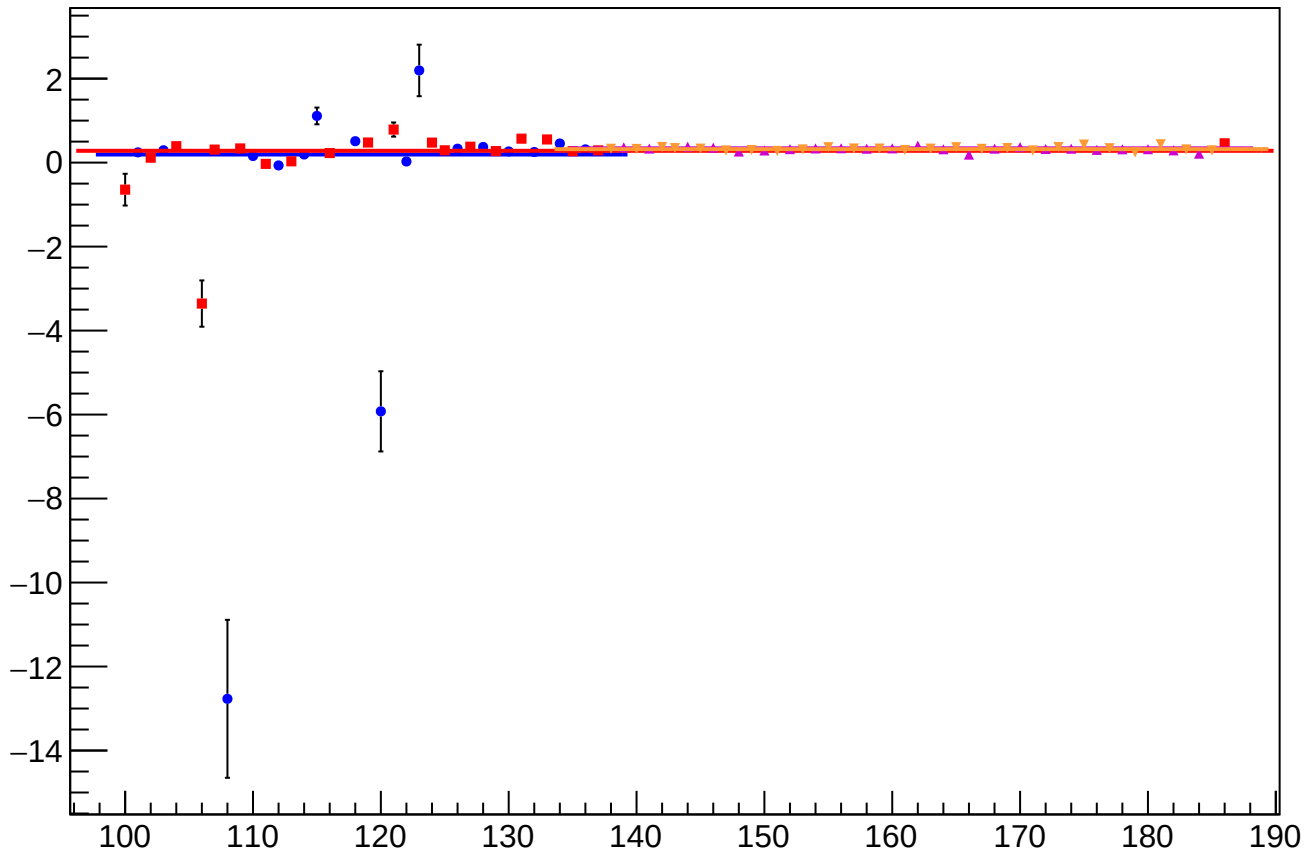
Left In: -6.234 ± 0.028 χ^2/NDF : 57358.9/22

+ sign -0.287 ± 0.000 χ^2/NDF : 118158.7/41

All: -0.287 ± 0.000 χ^2/NDF : 327475.1/84

- sign -5.837 ± 0.019 χ^2/NDF : 127602.5/42

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.320 $\pm$ 0.001 χ^2 /NDF: 3374.4/24

Right Out: 0.281 $\pm$ 0.001 χ^2 /NDF: 6132.9/19

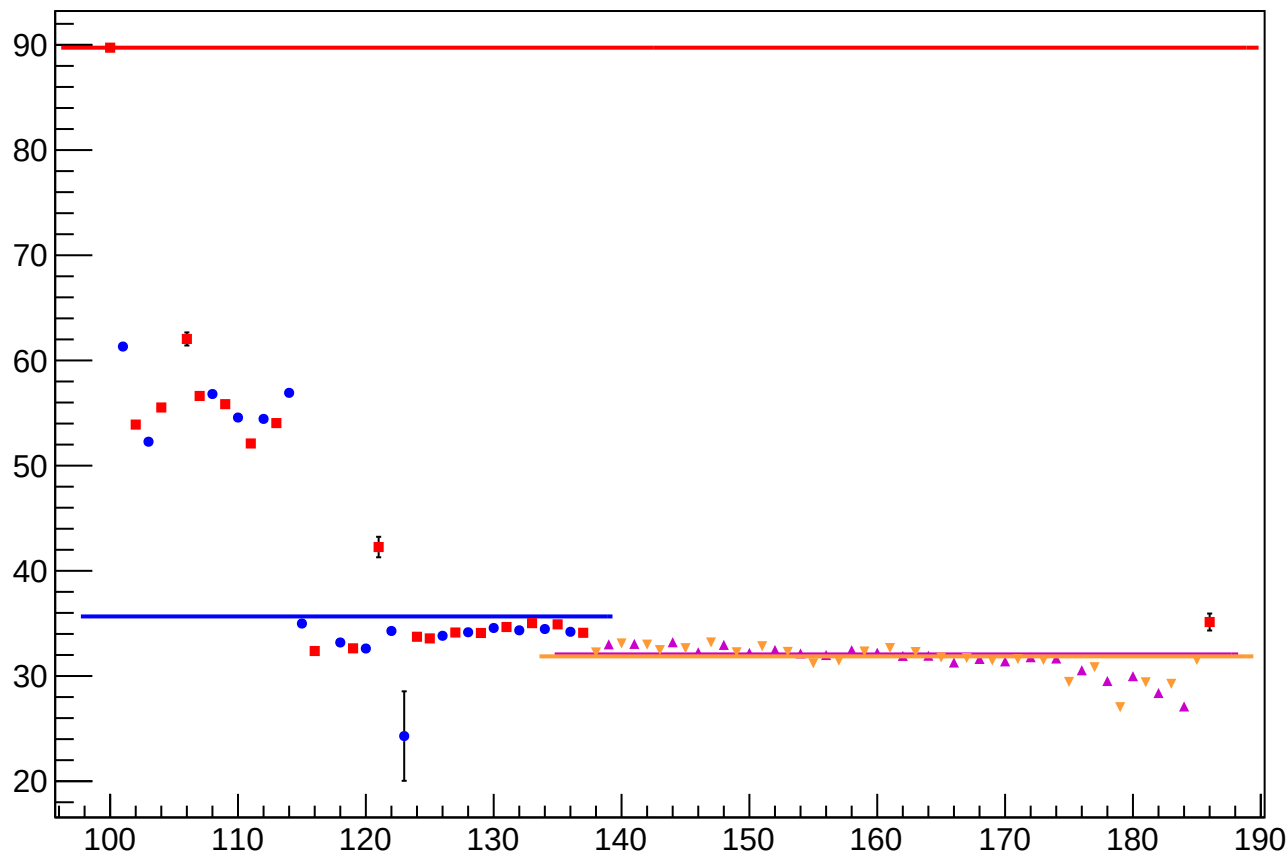
Left In: 0.340 $\pm$ 0.001 χ^2 /NDF: 4171.9/22

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 76618.6/41

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 167102.8/84

- sign 0.333 $\pm$ 0.000 χ^2 /NDF: 11708.7/42

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 31.869 $\pm$ 0.003 χ^2 /NDF: 61955.3/24

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25806152.7/19

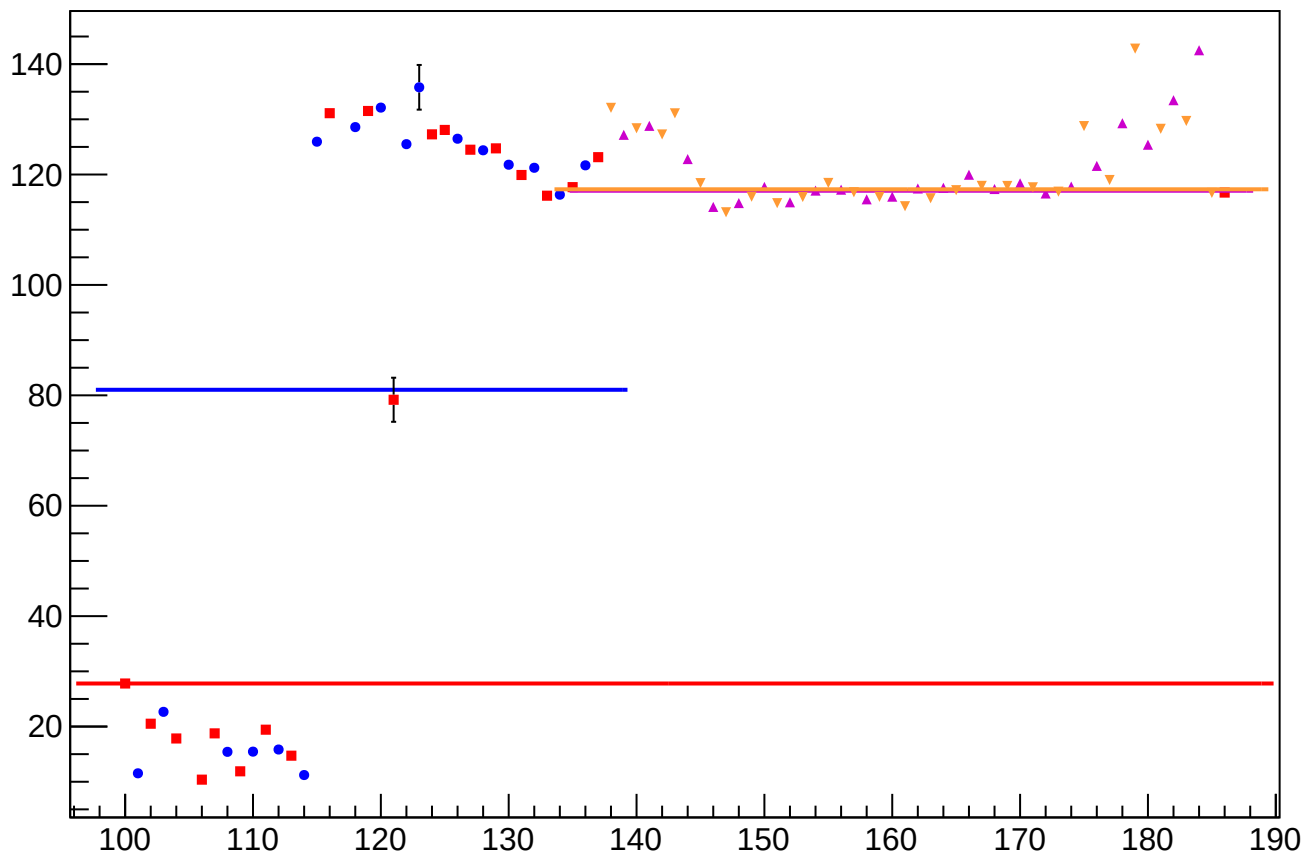
Left In: 32.053 $\pm$ 0.003 χ^2 /NDF: 32470.5/22

+ sign 32.134 $\pm$ 0.003 χ^2 /NDF: 384313.4/41

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 678930075.8/84

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 311119304.9/42

dit_sam5_4eY_slope vs Slug



Right In: 81.005 ± 0.035 χ^2/NDF : 2228881.4/16

Left Out: 117.323 ± 0.008 χ^2/NDF : 172684.3/24

Right Out: 27.798 ± 0.000 χ^2/NDF : 9193936.8/19

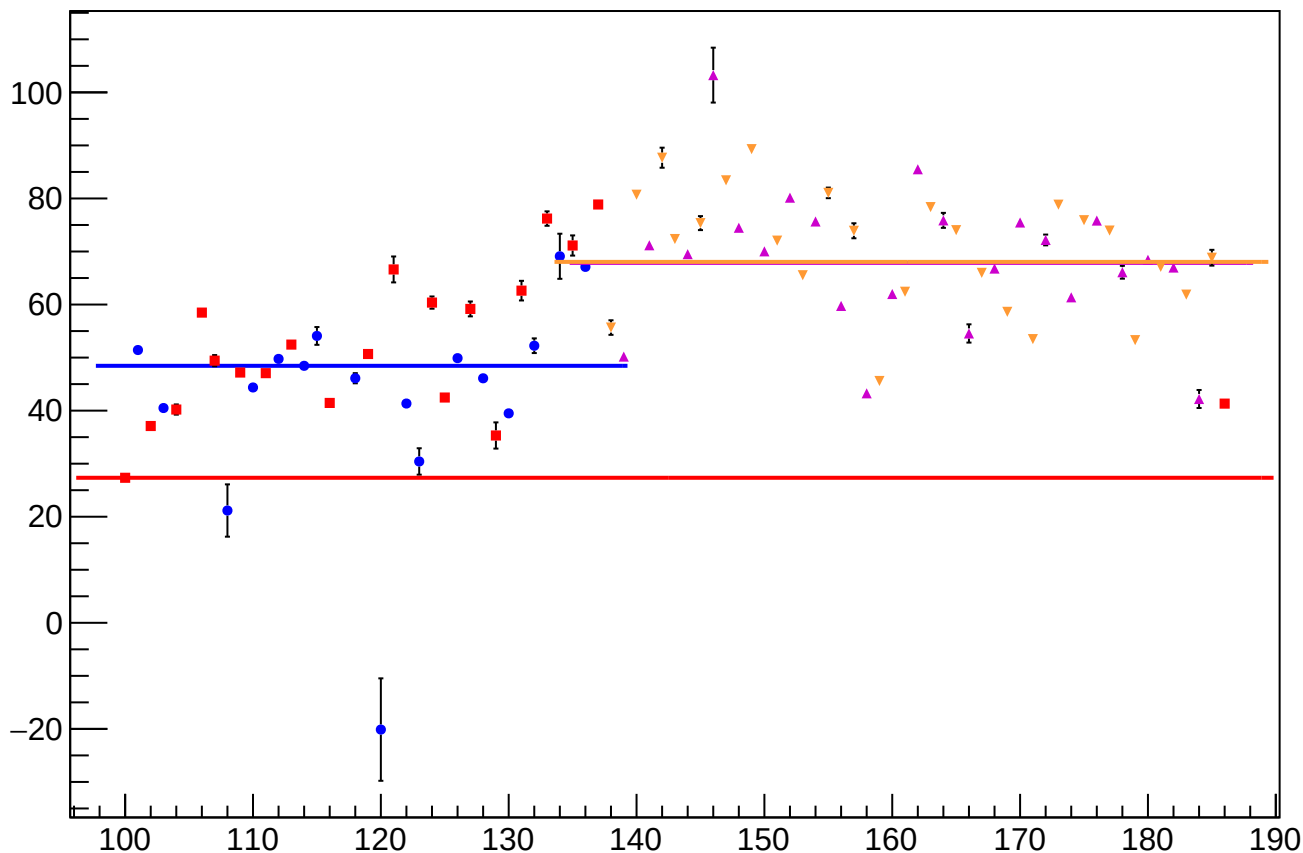
Left In: 117.061 ± 0.009 χ^2/NDF : 62905.3/22

+ sign 115.541 ± 0.008 χ^2/NDF : 3453409.8/41

All: 27.798 ± 0.000 χ^2/NDF : 246929631.0/84

- sign 27.798 ± 0.000 χ^2/NDF : 111901737.1/42

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2 /NDF: 2751.4/16

Left Out: 68.044+/-0.132 χ^2 /NDF: 6670.6/24

Right Out: 27.342+/-0.000 χ^2 /NDF: 26158.9/19

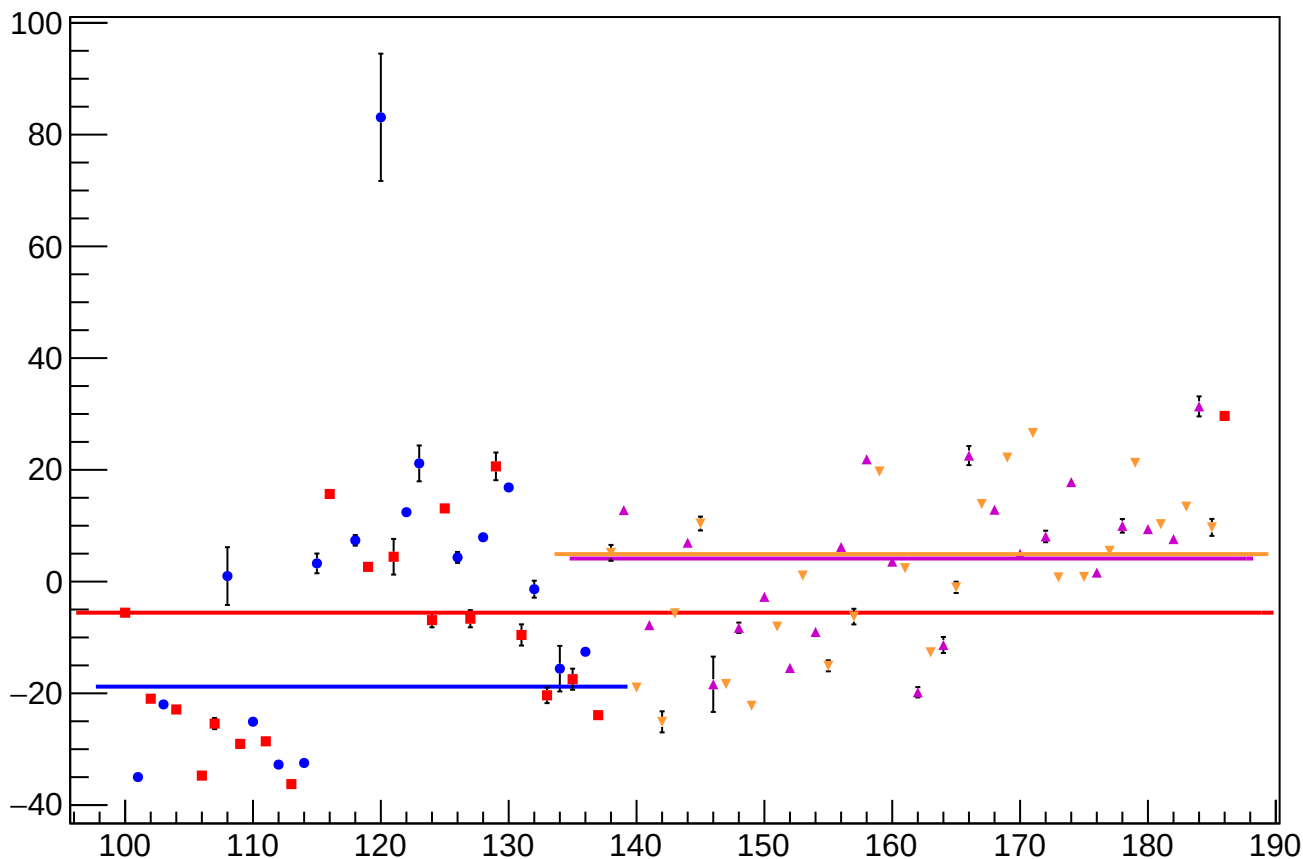
Left In: 67.852+/-0.126 χ^2 /NDF: 5519.9/22

+ sign 48.450+/-0.000 χ^2 /NDF: 31373.2/41

All: 28.365+/-0.000 χ^2 /NDF: 1026290104888

- sign 27.342+/-0.000 χ^2 /NDF: 135674.3/42

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: 4.920 ± 0.132 χ^2/NDF : 10378.5/24

Right Out: -5.568 ± 0.000 χ^2/NDF : 25606.3/19

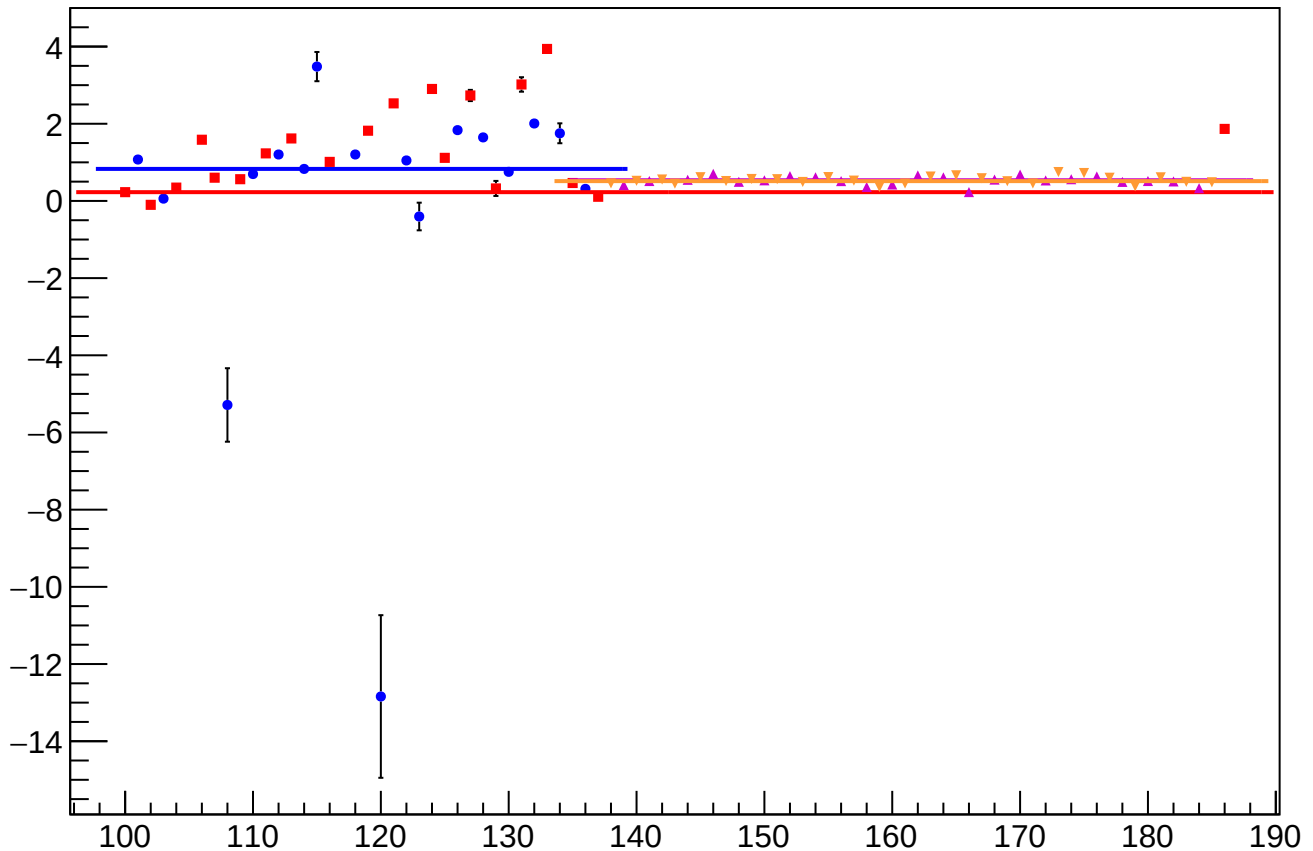
Left In: 4.129 ± 0.127 χ^2/NDF : 6161.4/22

+ sign -5.573 ± 0.099 χ^2/NDF : 36382.6/41

All: -5.568 ± 0.000 χ^2/NDF : 73987.4/84

- sign -5.568 ± 0.000 χ^2/NDF : 37604.9/42

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.513 ± 0.001 χ^2/NDF : 15206.1/24

Right Out: 0.227 ± 0.000 χ^2/NDF : 12143.0/19

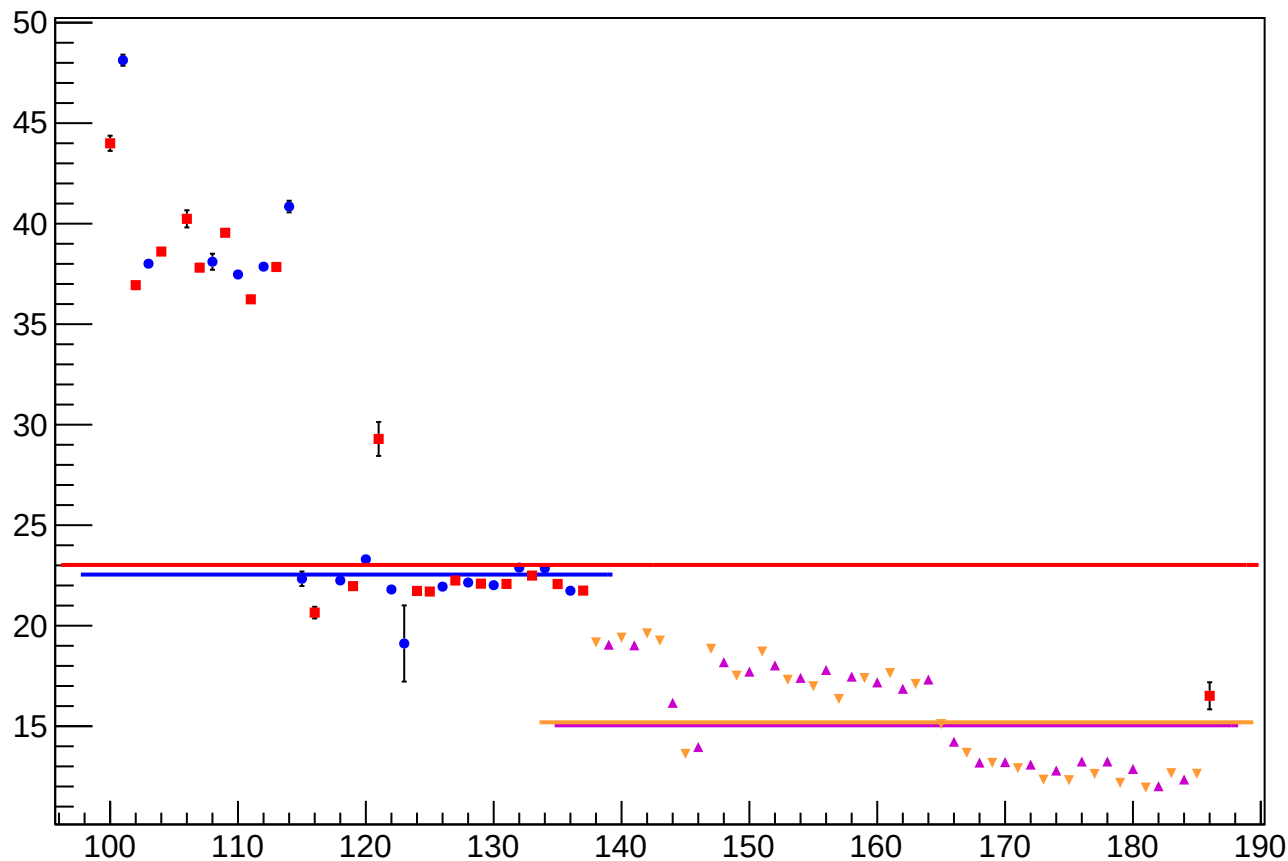
Left In: 0.536 ± 0.001 χ^2/NDF : 11764.8/22

+ sign 0.830 ± 0.000 χ^2/NDF : 138294.6/41

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 151273.5/42

dit_sam6_4aY_slope vs Slug



Right In: 22.543 ± 0.009 χ^2/NDF : 105452.8/16

Left Out: 15.194 ± 0.004 χ^2/NDF : 417095.1/24

Right Out: 23.021 ± 0.009 χ^2/NDF : 165931.2/19

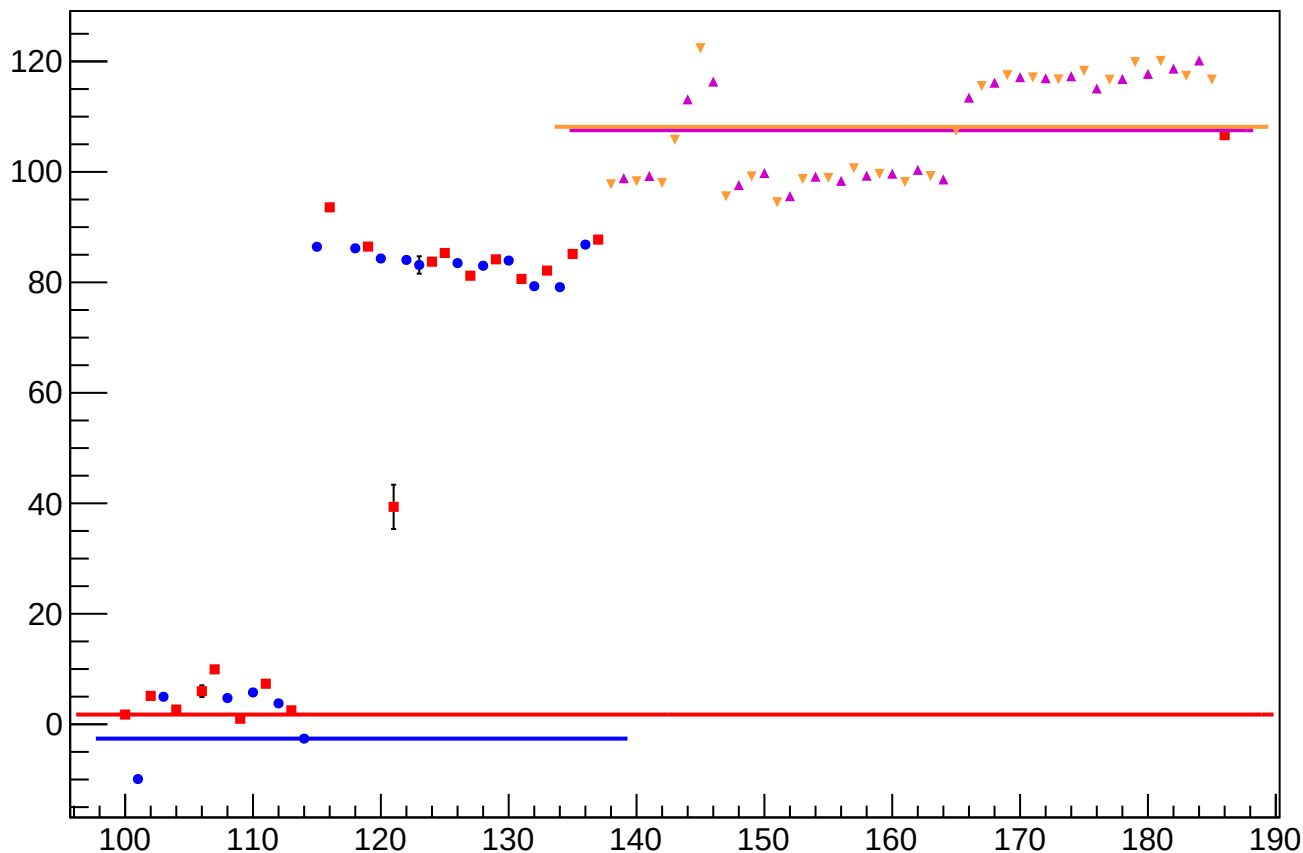
Left In: 15.044 ± 0.005 χ^2/NDF : 285851.6/22

+ sign 16.470 ± 0.004 χ^2/NDF : 1037442.2/41

All: 16.576 ± 0.003 χ^2/NDF : 2107738.9/84

- sign 16.694 ± 0.004 χ^2/NDF : 1068723.6/42

dit_sam6_4eY_slope vs Slug



Right In: -2.596 ± 0.000 χ^2/NDF : 7395182.7/16

Left Out: 108.162 ± 0.009 χ^2/NDF : 1076822.4/24

Right Out: 1.758 ± 0.000 χ^2/NDF : 4249756.0/19

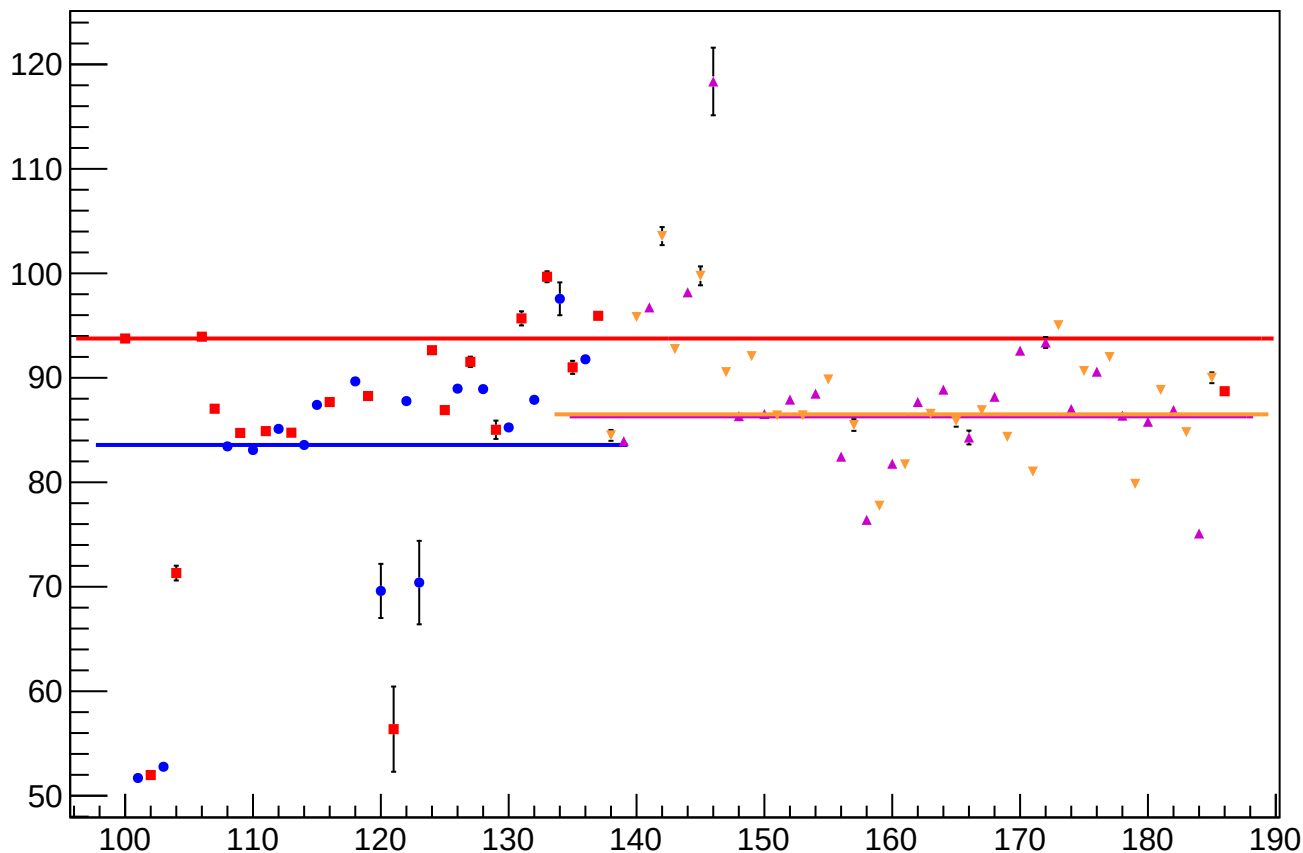
Left In: 107.543 ± 0.009 χ^2/NDF : 988940.0/22

+ sign -2.596 ± 0.000 χ^2/NDF : 150183165.0/41

All: -1.059 ± 0.000 χ^2/NDF : 3731791751577

- sign 1.758 ± 0.000 χ^2/NDF : 133989308.9/42

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2 /NDF: 49468.0/16

Left Out: 86.505+/-0.060 χ^2 /NDF:8553.0/24

Right Out: 93.762+/-0.000 χ^2 /NDF: 82989.0/19

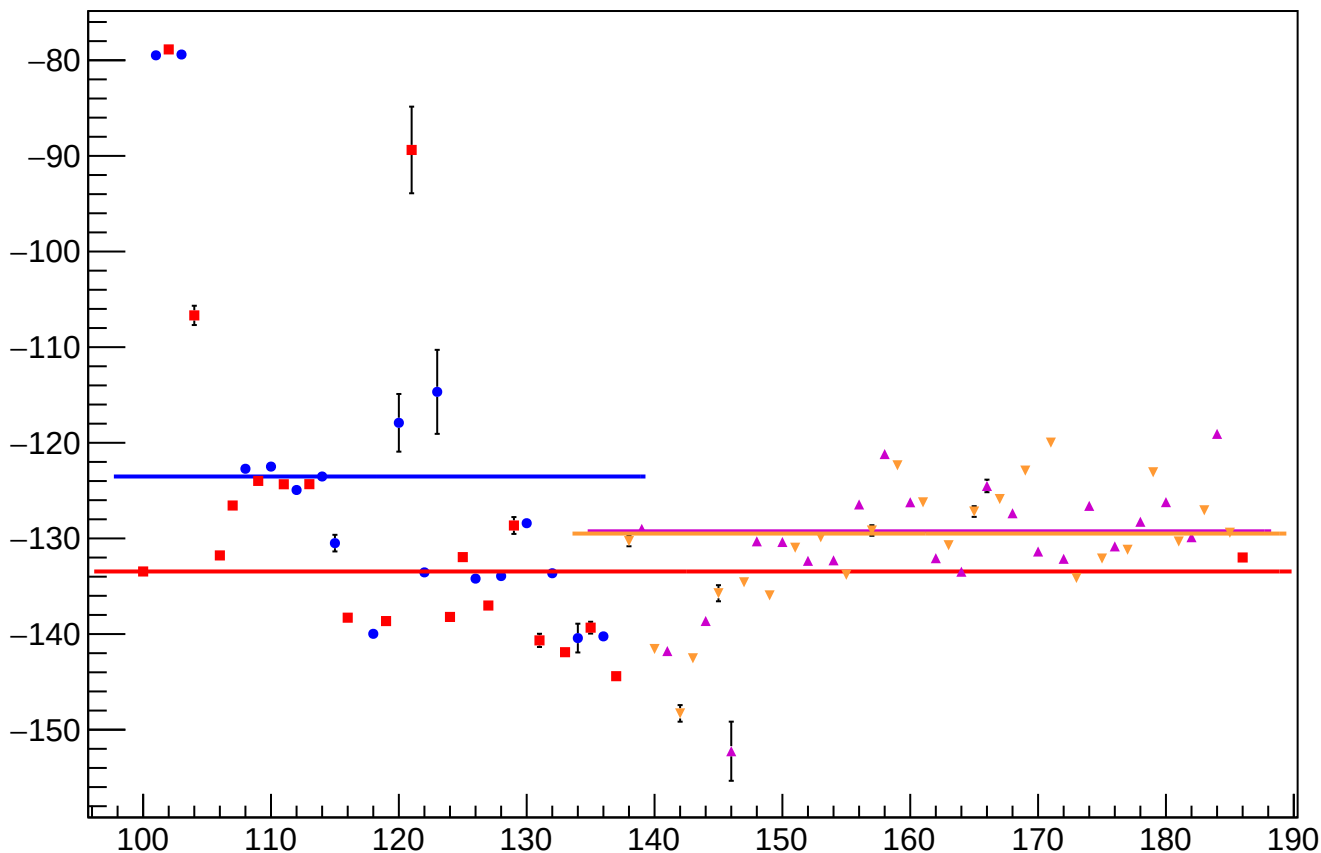
Left In: 86.310+/-0.051 χ^2 /NDF:8666.5/22

+ sign 83.573+/-0.000 χ^2 /NDF: 60415.2/41

All: 87.169+/-0.000 χ^2 /NDF: 1995684404141

- sign 93.762+/-0.000 χ^2 /NDF: 112653.4/42

dit_sam7_4eX_slope vs Slug



Right In: -123.524 $\pm$ 0.000 χ^2 /NDF: 160356.5/16

Left Out: -129.492 $\pm$ 0.059 χ^2 /NDF:10775.3/24

Right Out: -133.456 $\pm$ 0.000 χ^2 /NDF: 394913.4/19

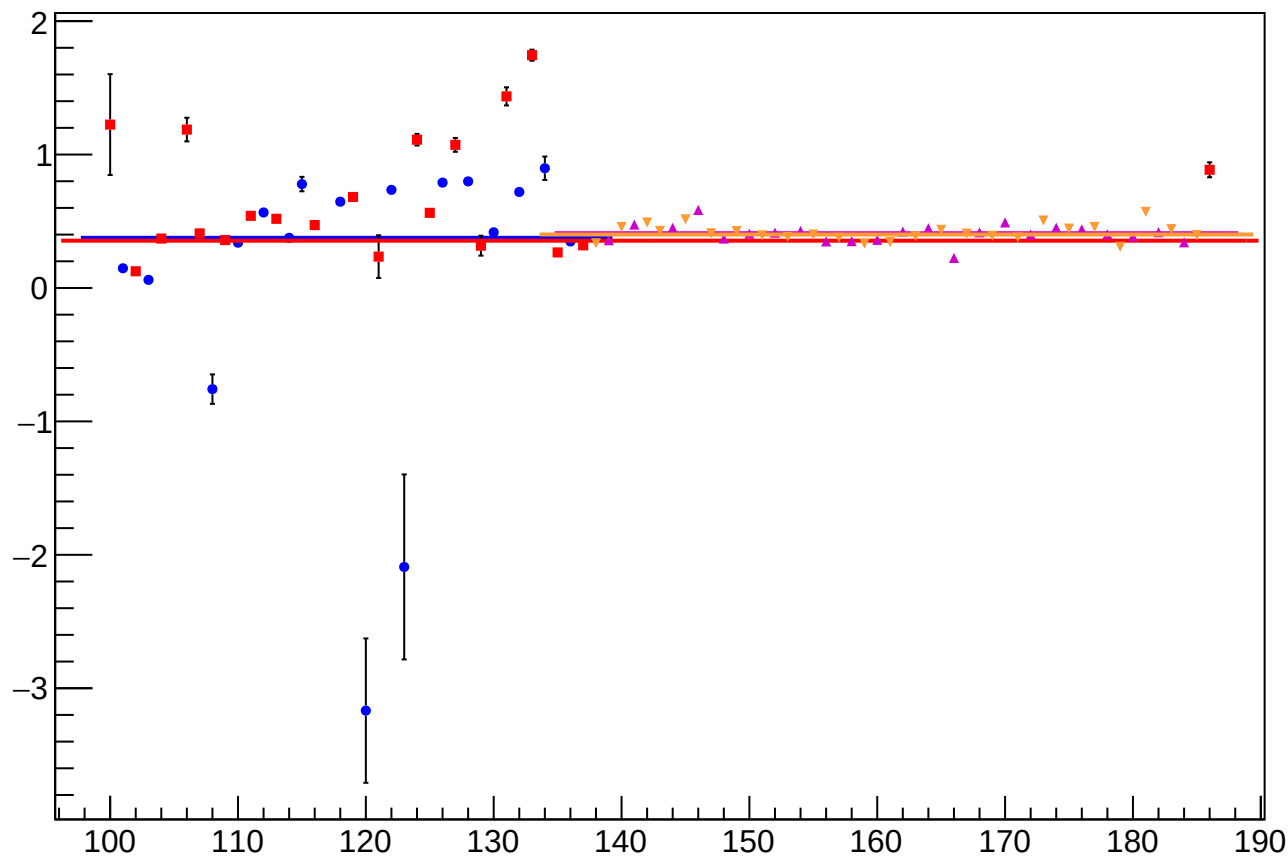
Left In: -129.256 $\pm$ 0.052 χ^2 /NDF:6558.2/22

+ sign -123.524 $\pm$ 0.000 χ^2 /NDF: 181291.5/41

All: -124.716 $\pm$ 0.000 χ^2 /NDF: 64467869901

- sign -133.456 $\pm$ 0.000 χ^2 /NDF: 408109.1/42

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.401 $\pm$ 0.000 χ^2 /NDF:9030.9/24

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4682.1/19

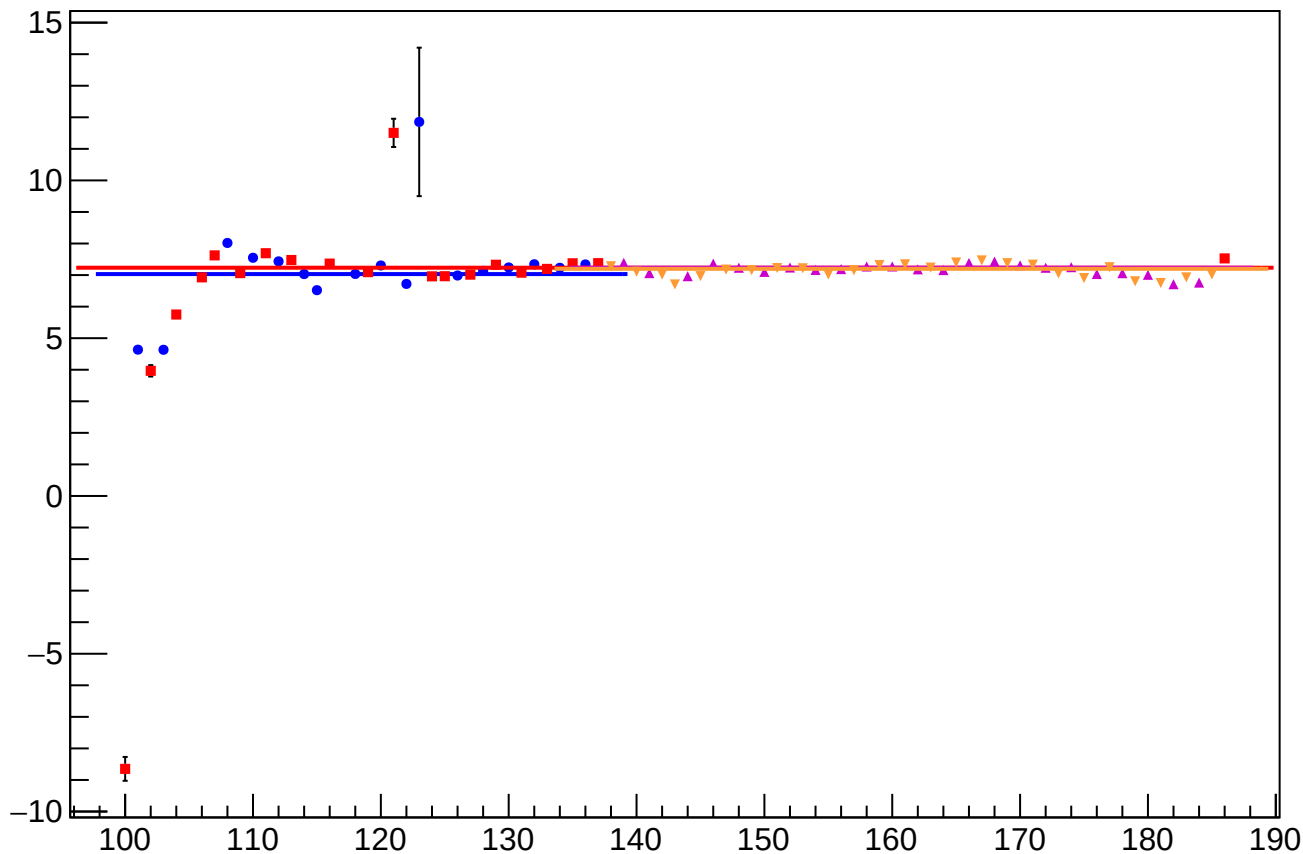
Left In: 0.410 $\pm$ 0.000 χ^2 /NDF:8478.2/22

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 15502.1/41

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 34756.0/84

- sign 0.406 $\pm$ 0.000 χ^2 /NDF: 14427.3/42

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 19770.1/16

Left Out: 7.199 ± 0.001 χ^2/NDF : 37453.7/24

Right Out: 7.233 ± 0.002 χ^2/NDF : 10072.0/19

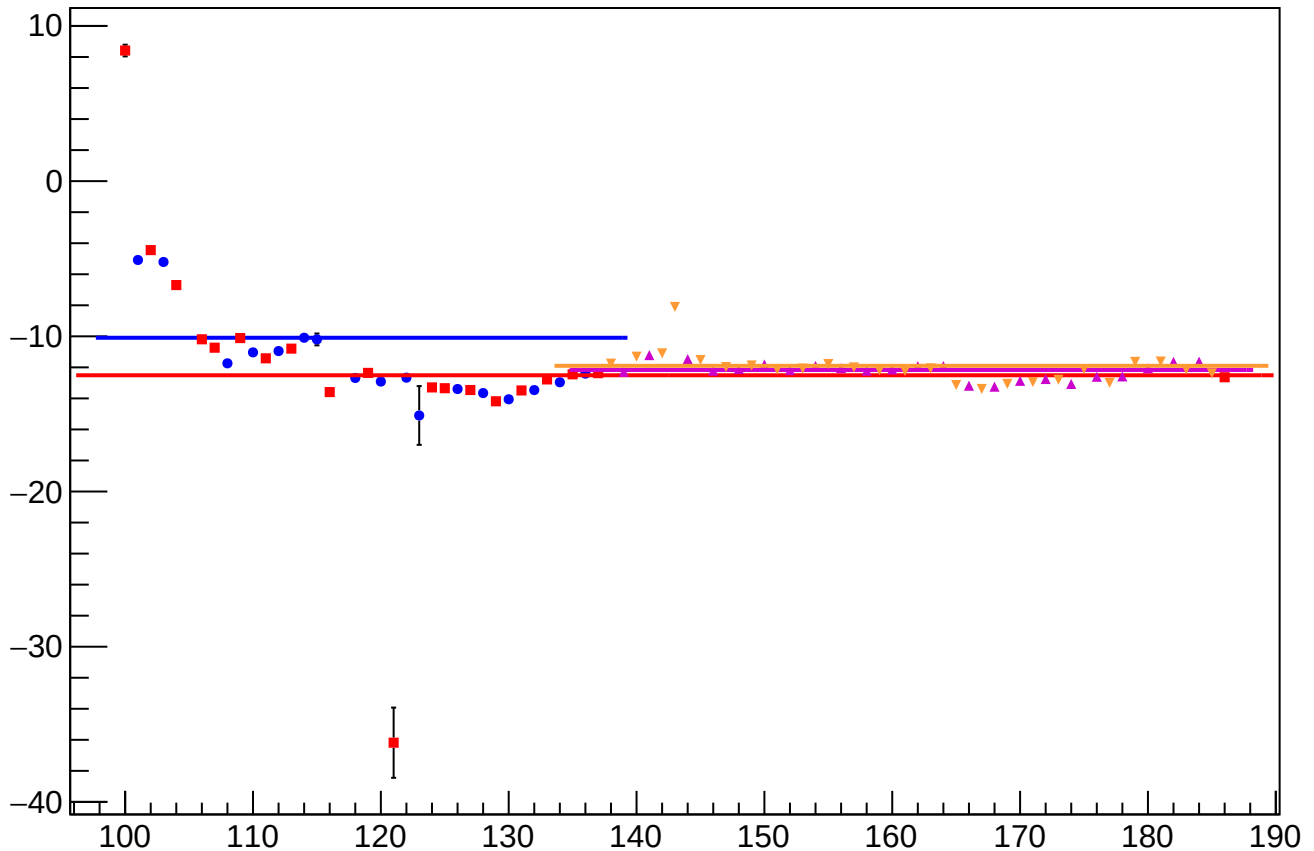
Left In: 7.233 ± 0.001 χ^2/NDF : 23085.0/22

+ sign 7.032 ± 0.000 χ^2/NDF : 91574.8/41

All: 7.032 ± 0.000 χ^2/NDF : 190670.6/84

- sign 7.233 ± 0.001 χ^2/NDF : 33157.0/42

dit_sam7_4eY_slope vs Slug



Right In: -10.092 $\pm$ 0.000 χ^2 /NDF: 543504.2/16

Left Out: -11.899 $\pm$ 0.002 χ^2 /NDF: 498866.6/24

Right Out: -12.509 $\pm$ 0.004 χ^2 /NDF: 103511.3/19

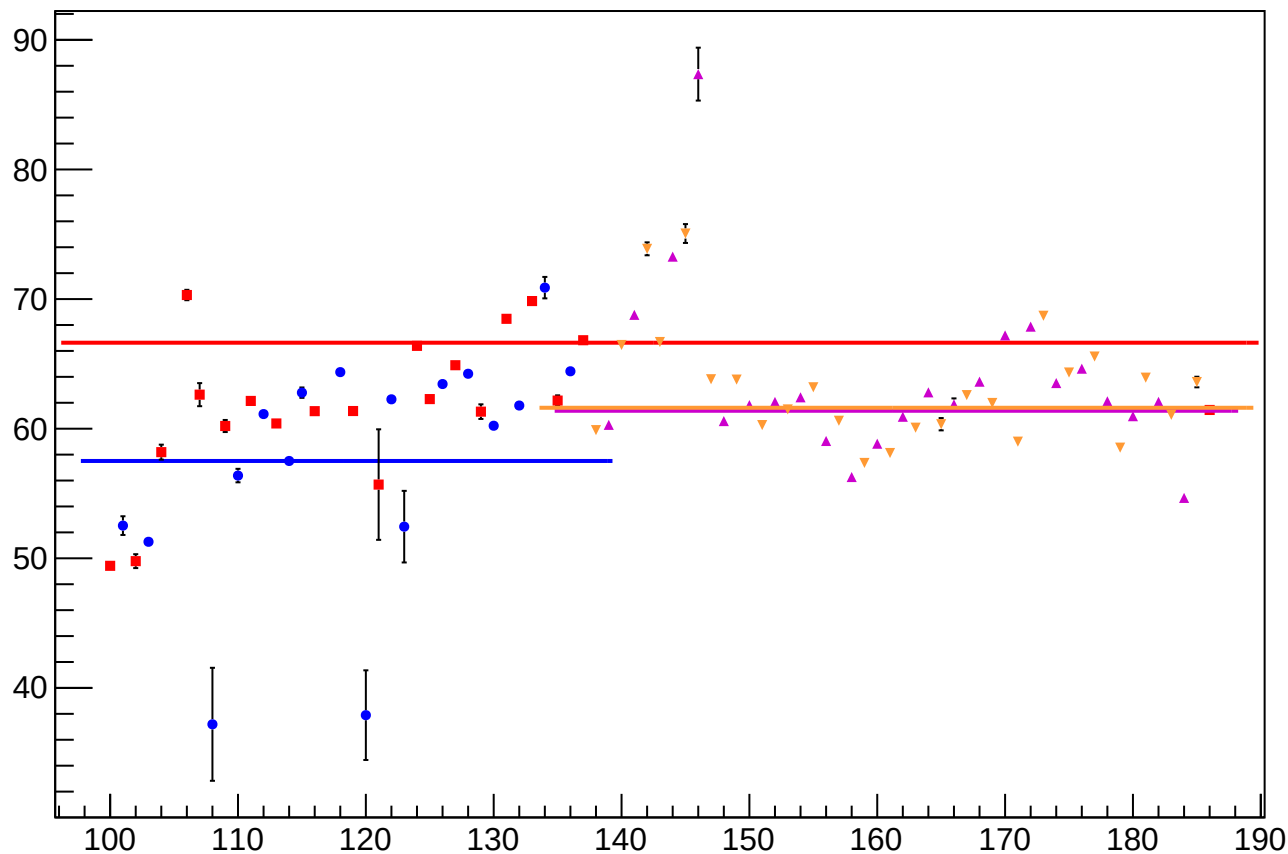
Left In: -12.169 $\pm$ 0.002 χ^2 /NDF: 49568.3/22

+ sign -10.092 $\pm$ 0.000 χ^2 /NDF: 2185467.8/41

All: -10.092 $\pm$ 0.000 χ^2 /NDF: 4237379.6/84

- sign -12.227 $\pm$ 0.002 χ^2 /NDF: 159900.7/42

dit_sam8_4aX_slope vs Slug



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 61.615 $\pm$ 0.039 χ^2 /NDF: 7756.9/24

Right Out: 66.634 $\pm$ 0.013 χ^2 /NDF: 8484.7/19

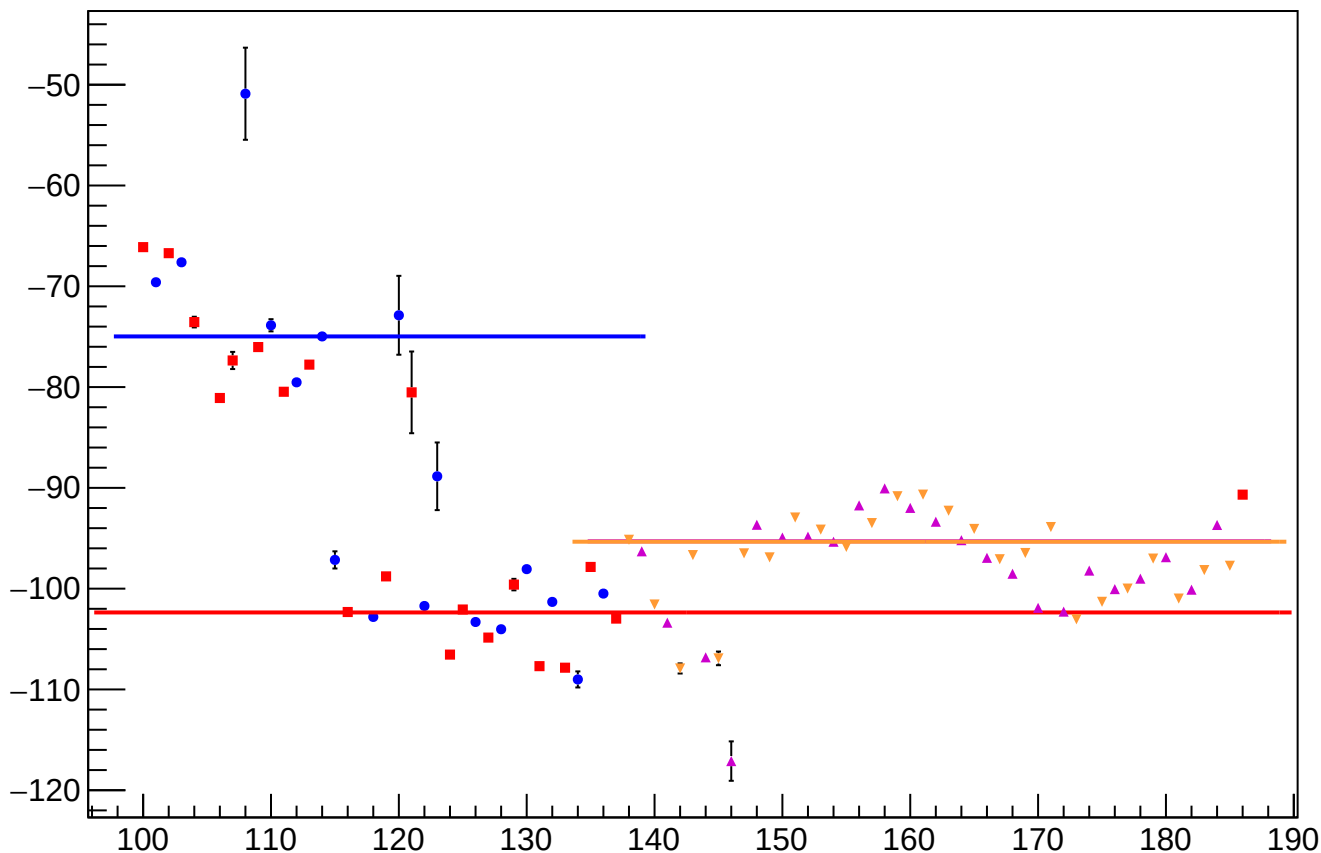
Left In: 61.383 $\pm$ 0.033 χ^2 /NDF: 8900.0/22

+ sign 57.510 $\pm$ 0.000 χ^2 /NDF: 27006.4/41

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 546572.9/84

- sign 65.906 $\pm$ 0.012 χ^2 /NDF: 39791.7/42

dit_sam8_4eX_slope vs Slug



Right In: -74.974 $\pm$ 0.000 χ^2 /NDF: 130544.0/16

Left Out: -95.342 $\pm$ 0.039 χ^2 /NDF: 9387.4/24

Right Out: -102.362 $\pm$ 0.018 χ^2 /NDF: 52922.4/19

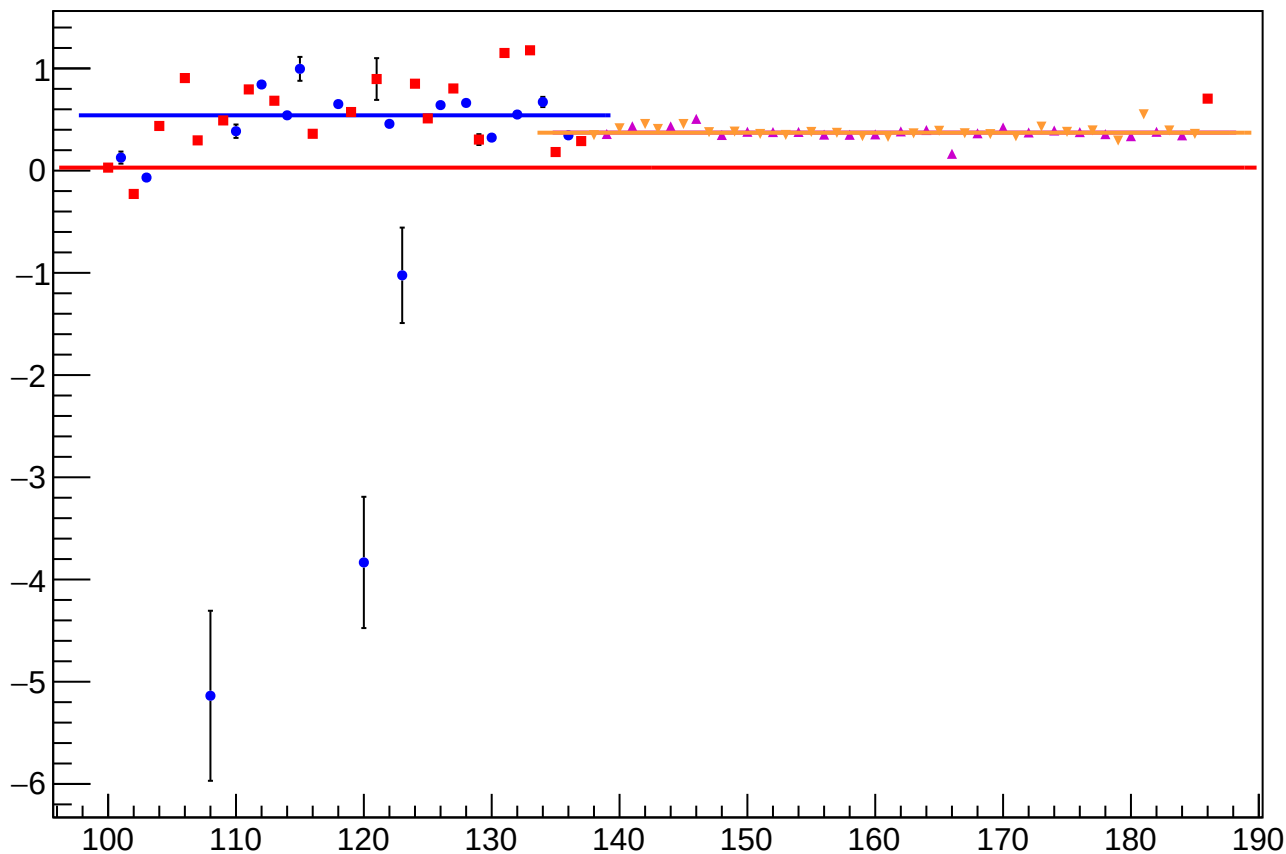
Left In: -95.301 $\pm$ 0.033 χ^2 /NDF: 11271.5/22

+ sign -74.974 $\pm$ 0.000 χ^2 /NDF: 416892.7/41

All: -74.974 $\pm$ 0.000 χ^2 /NDF: 3233660.6/84

- sign -100.790 $\pm$ 0.016 χ^2 /NDF: 99358.6/42

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 ± 0.000 χ^2/NDF : 29180.5/16

Left Out: 0.371 ± 0.000 χ^2/NDF : 6797.7/24

Right Out: 0.030 ± 0.000 χ^2/NDF : 121952.7/19

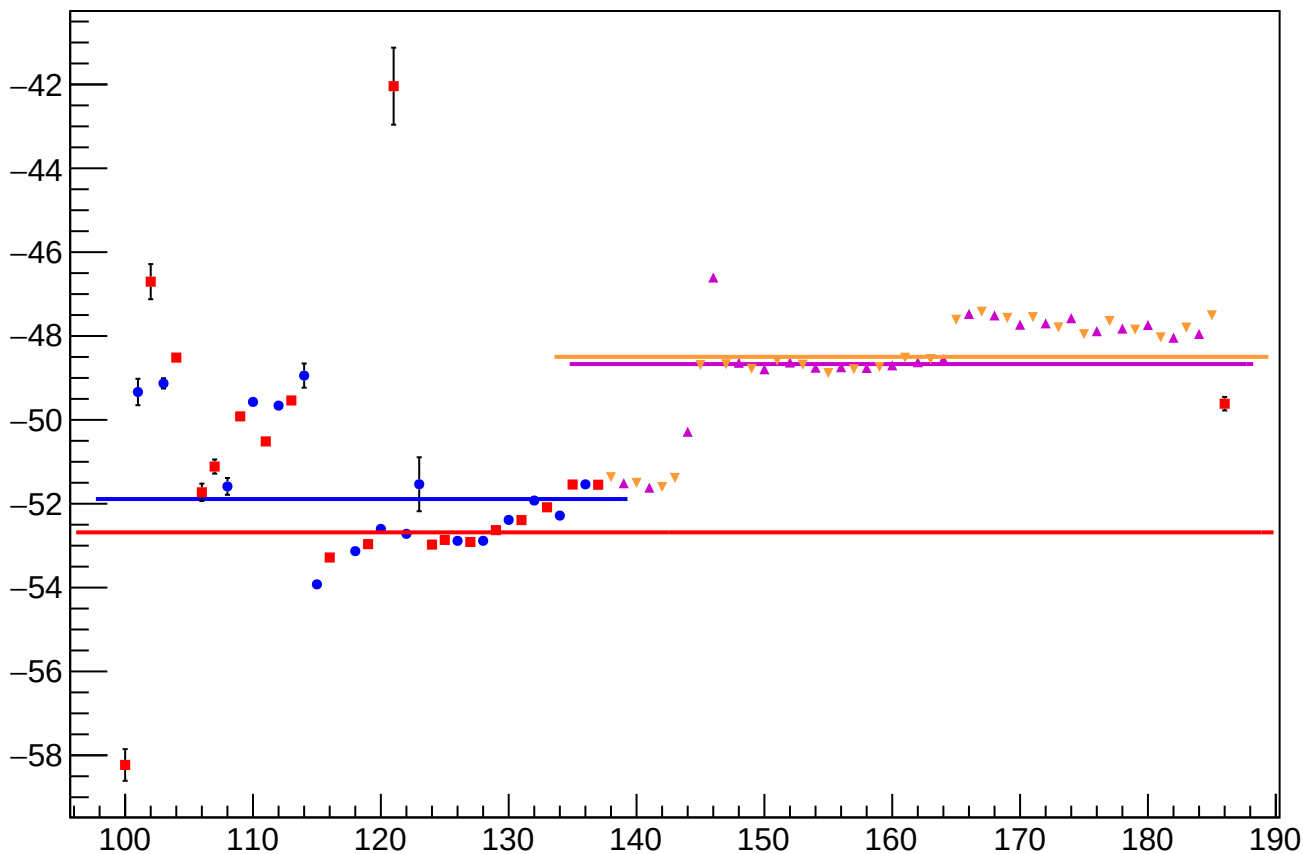
Left In: 0.372 ± 0.000 χ^2/NDF : 6020.6/22

+ sign 0.541 ± 0.000 χ^2/NDF : 247291.7/41

All: 0.030 ± 0.000 χ^2/NDF : 23314297700963

- sign 0.030 ± 0.000 χ^2/NDF : 1362501.6/42

dit_sam8_4aY_slope vs Slug



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -48.497 $\pm$ 0.001 χ^2 /NDF: 699790.4/24

Right Out: -52.683 $\pm$ 0.003 χ^2 /NDF: 56487.7/19

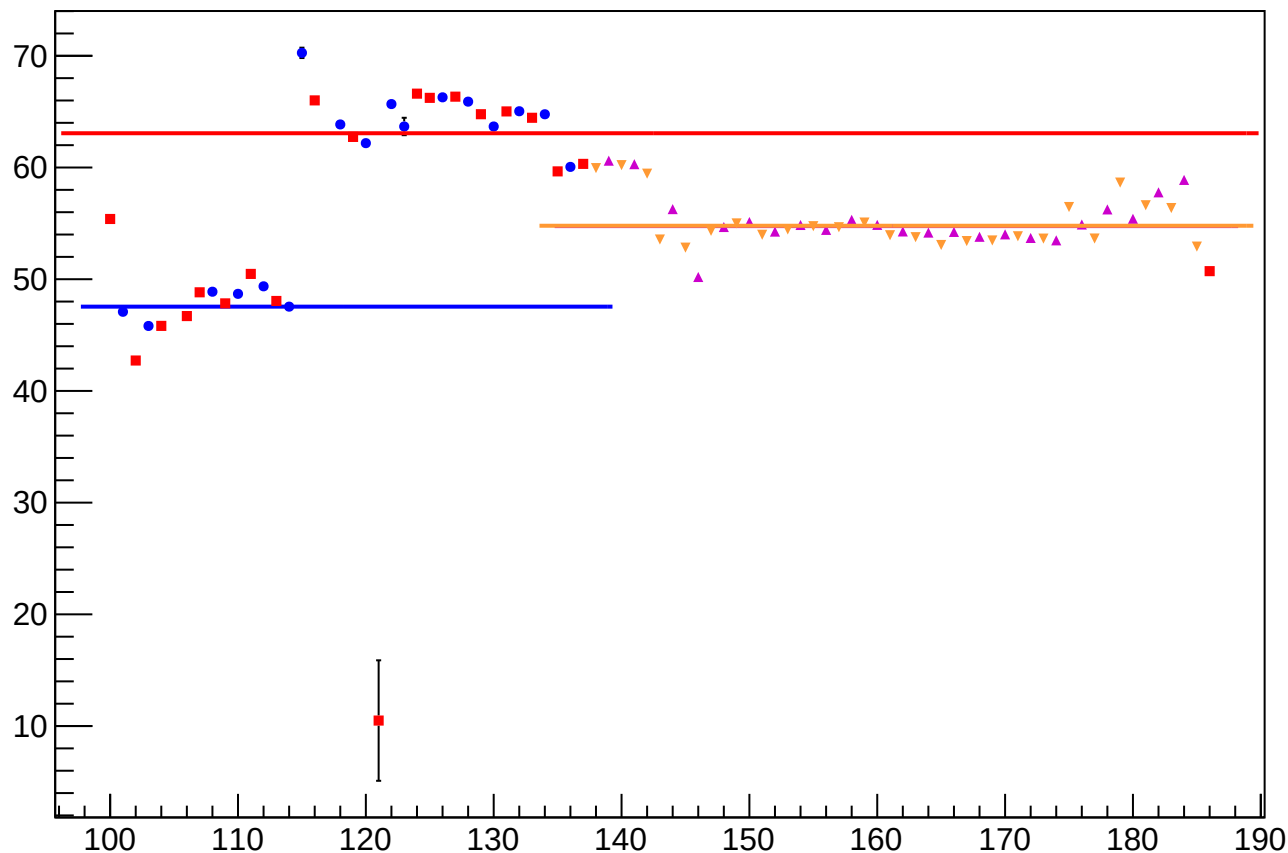
Left In: -48.669 $\pm$ 0.001 χ^2 /NDF: 809321.2/22

+ sign -49.128 $\pm$ 0.001 χ^2 /NDF: 2662579.0/41

All: -49.136 $\pm$ 0.001 χ^2 /NDF: 5698547.9/84

- sign -49.142 $\pm$ 0.001 χ^2 /NDF: 3035847.0/42

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 54.787 $\pm$ 0.003 χ^2 /NDF:301226.3/24

Right Out: 63.068 $\pm$ 0.007 χ^2 /NDF: 339571.5/19

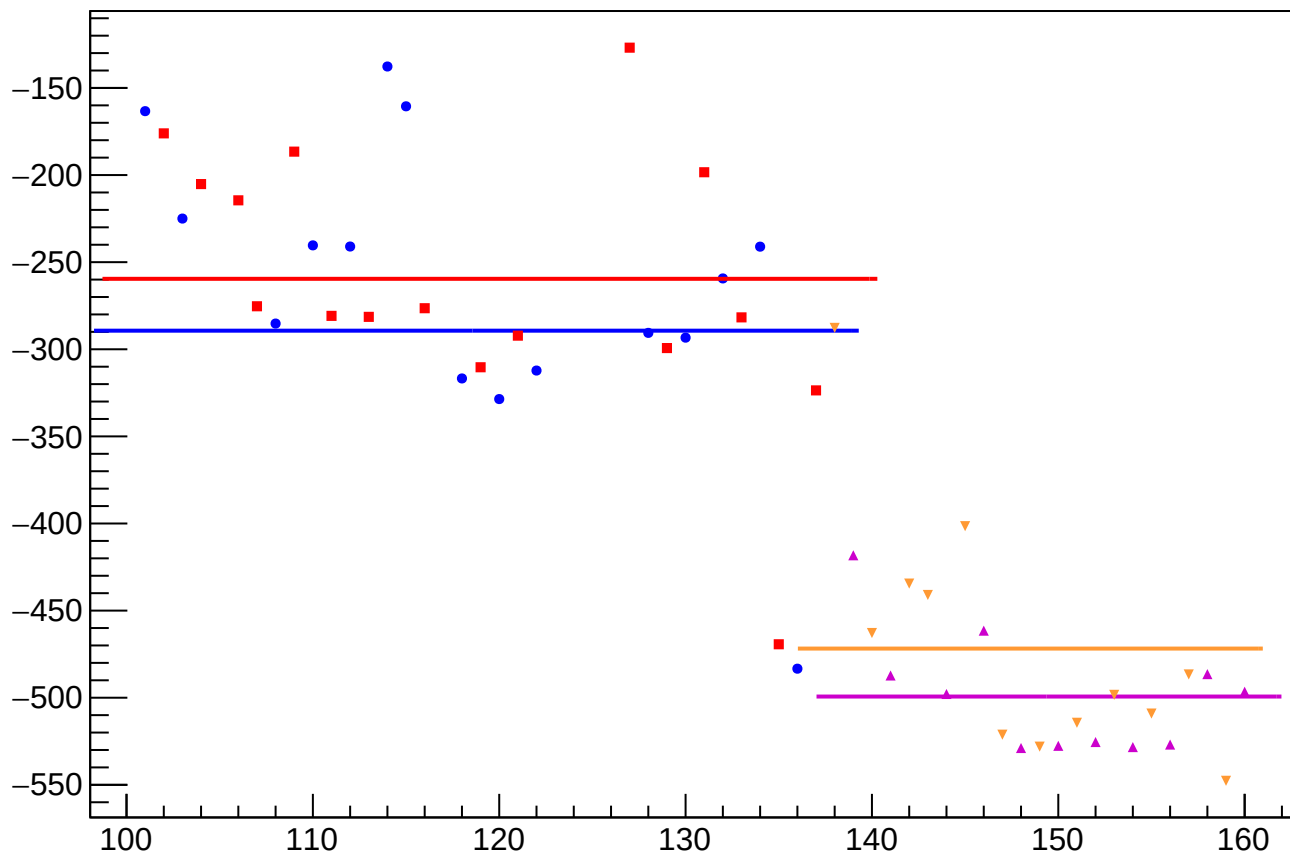
Left In: 54.755 $\pm$ 0.003 χ^2 /NDF:100763.3/22

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9840550.9/41

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 22259831.2/84

- sign 55.658 $\pm$ 0.002 χ^2 /NDF: 1545724.4/42

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

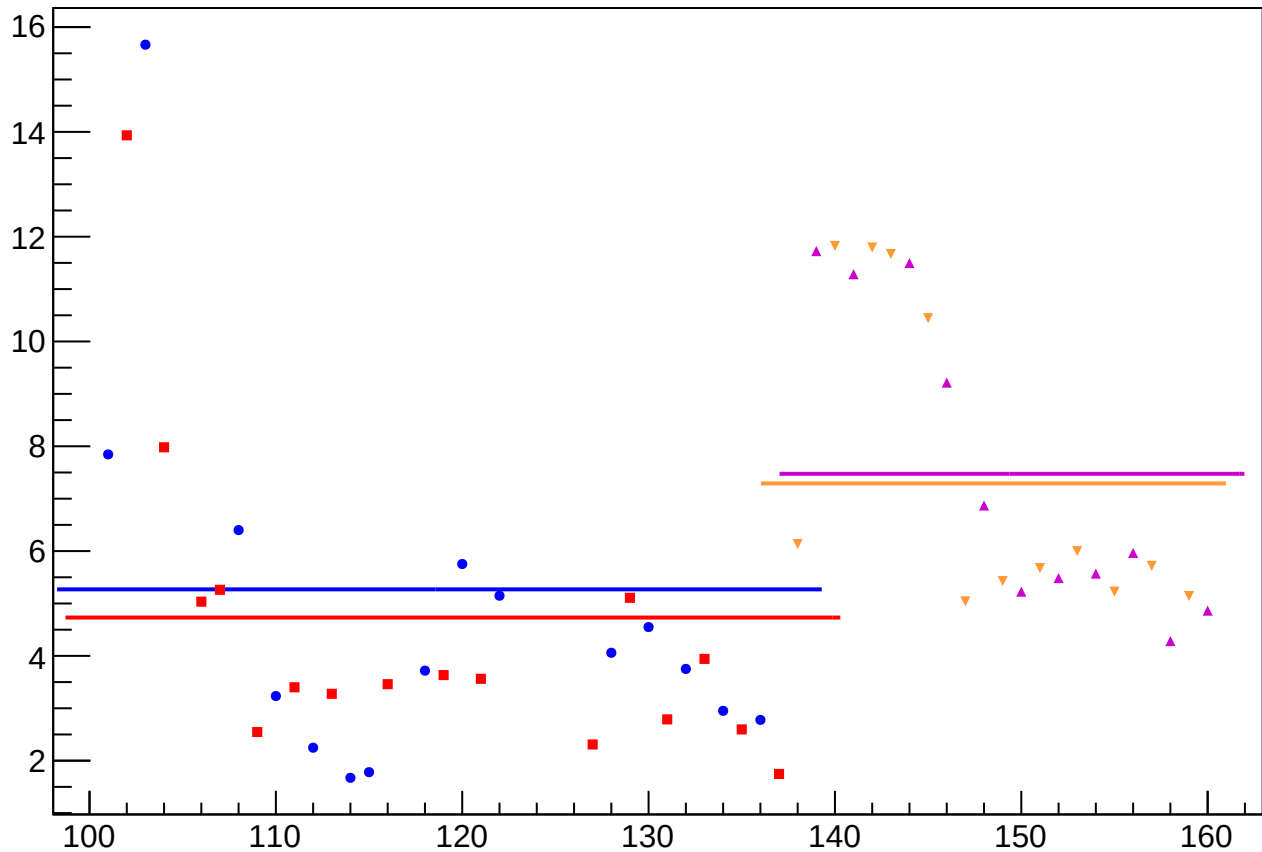
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

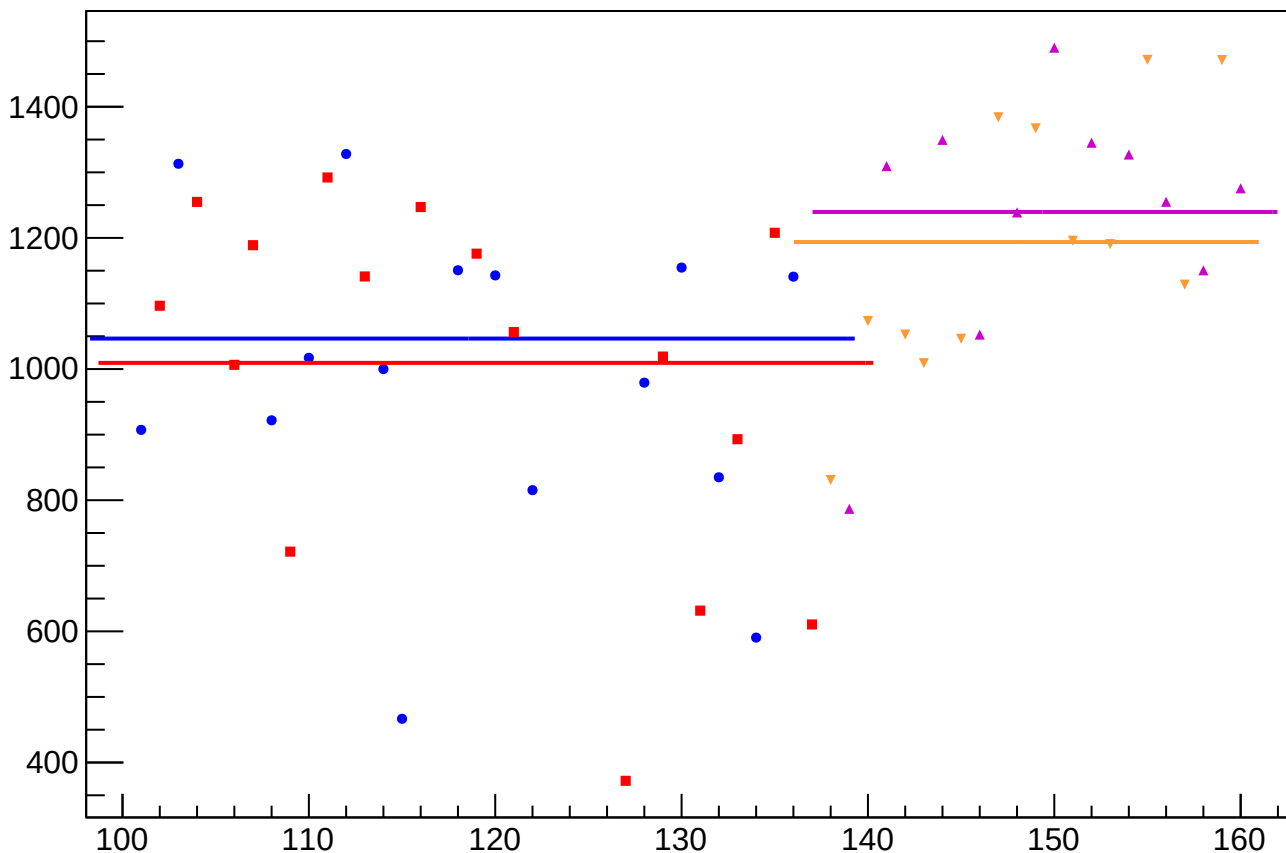
- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



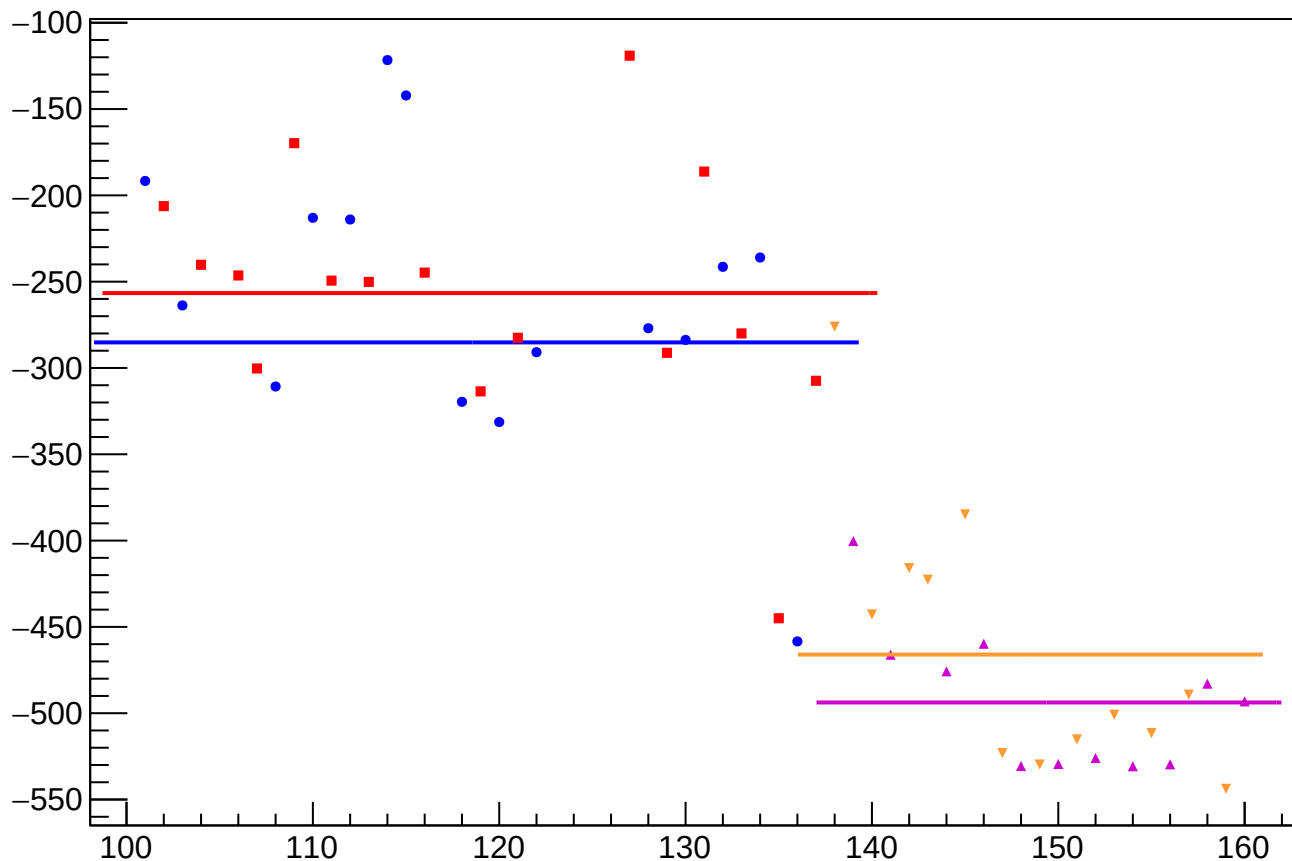
Right In: 5.270+/-0.000	χ^2/NDF : 8709683292123798330550906790084608.0/14	+ sign 6.452+/-0.000	χ^2/NDF : 16978559973735600
Left Out: 7.291+/-0.000	χ^2/NDF : 6718053515172863885836432351166464.0/11	All: 6.388+/-0.000	χ^2/NDF : 33820915421032
Right Out: 4.732+/-0.000	χ^2/NDF : 6856893072575211562802281426452480.0/15	- sign 6.325+/-0.000	χ^2/NDF : 16829636305354281
Left In: 7.475+/-0.000	χ^2/NDF : 7057812139399579538870244550377472.0/10		

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 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 $\chi^2/\text{NDF}: 4479585262853549838092521921291747328.0/14$

Left Out: -466.012 ± 0.000 $\chi^2/\text{NDF}: 5190970068830574132794472761412026368.0/11$

Right Out: -256.599 ± 0.000 $\chi^2/\text{NDF}: 3648271535971039165952602563191767040.0/15$

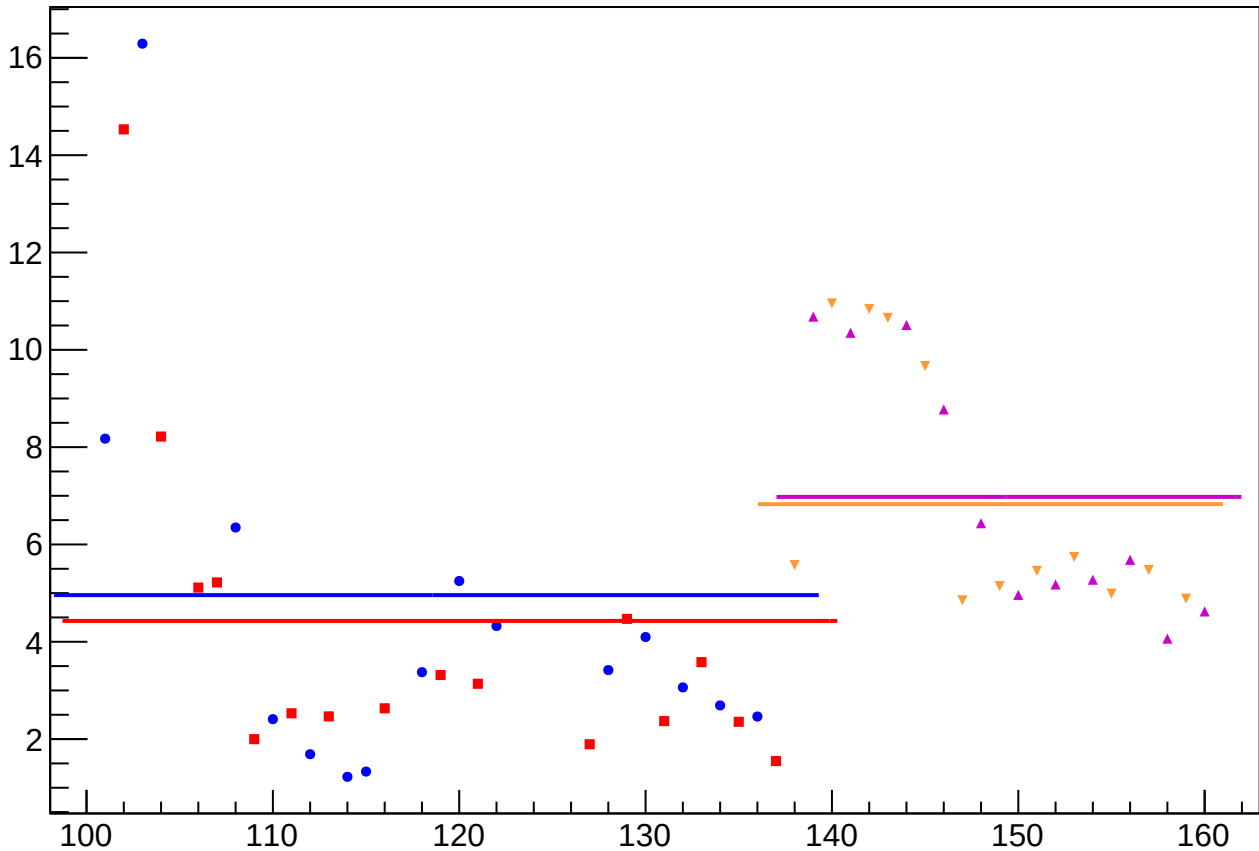
Left In: -493.780 ± 0.000 $\chi^2/\text{NDF}: 1451794731277142230901460532226686976.0/10$

+ sign -390.928 ± 0.000 $\chi^2/\text{NDF}: 22079891664929$

All: -392.652 ± 0.000 $\chi^2/\text{NDF}: 48980613059$

- sign -394.346 ± 0.000 $\chi^2/\text{NDF}: 268915126522349$

dit_4eX_coil1_err_mean vs Slug



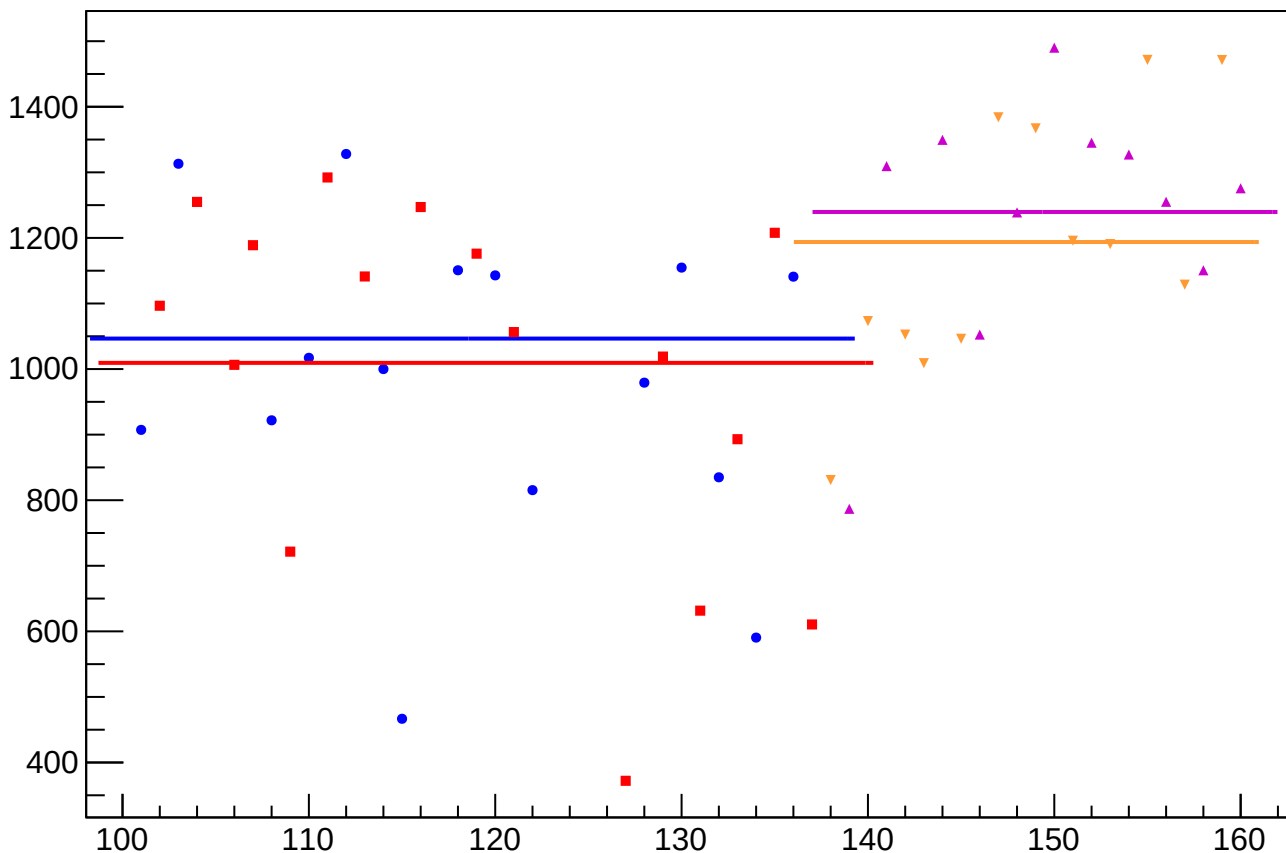
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

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

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

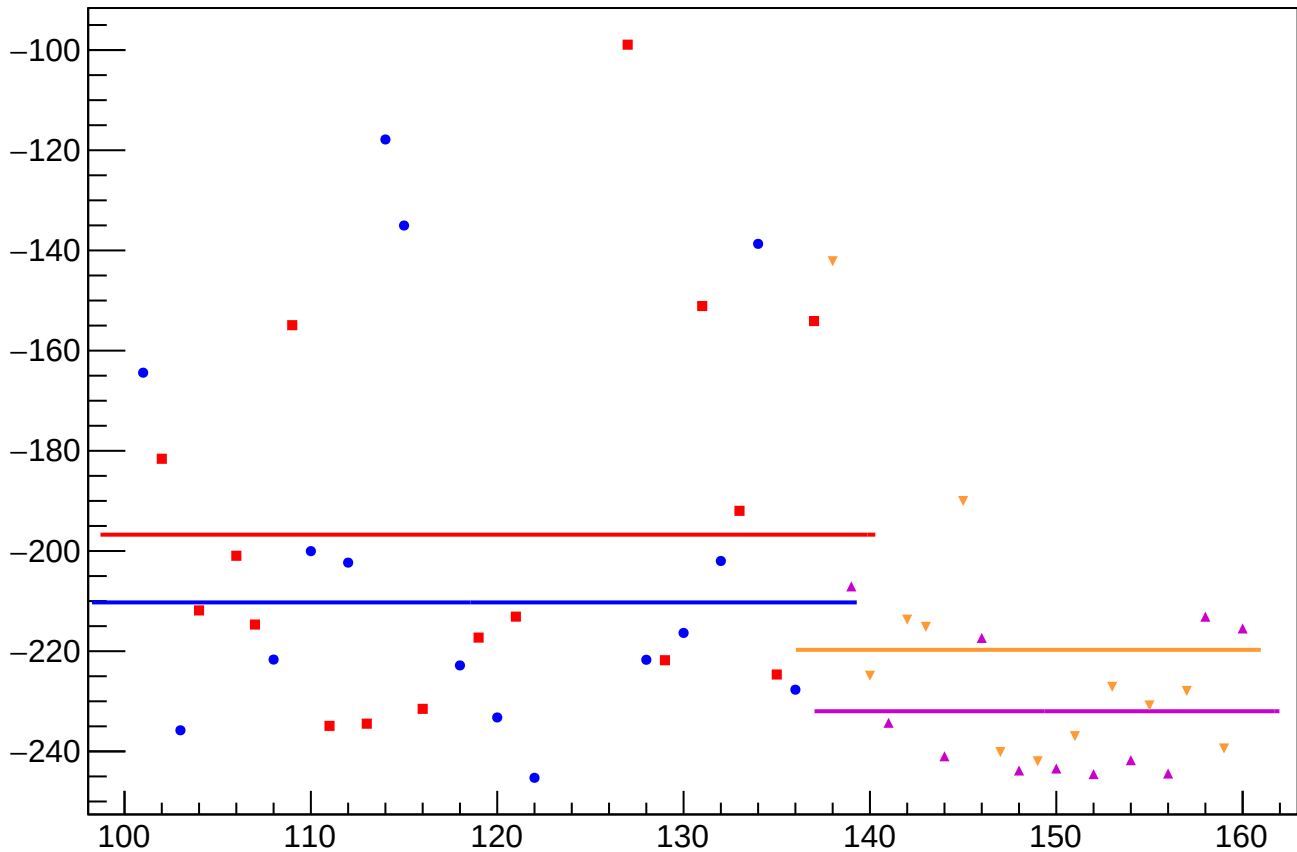
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

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_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

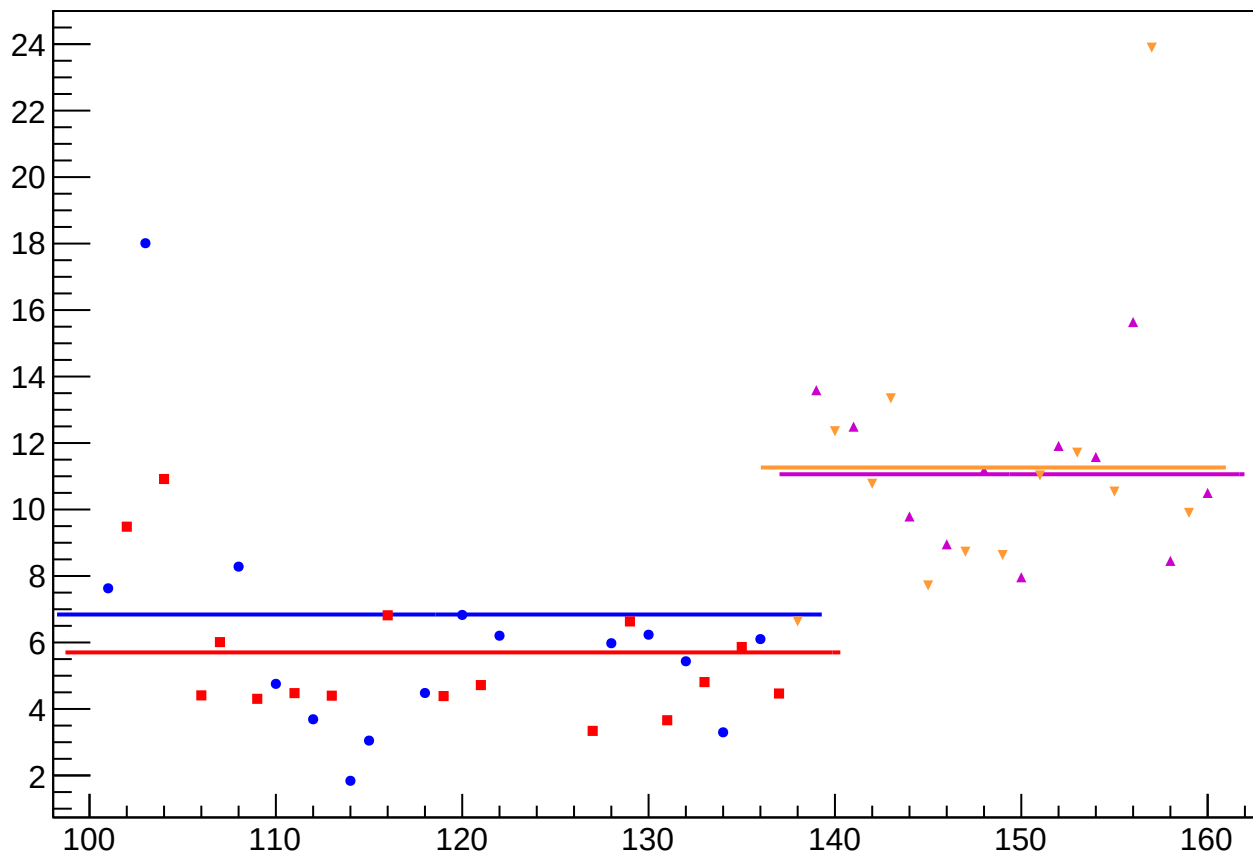
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ 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

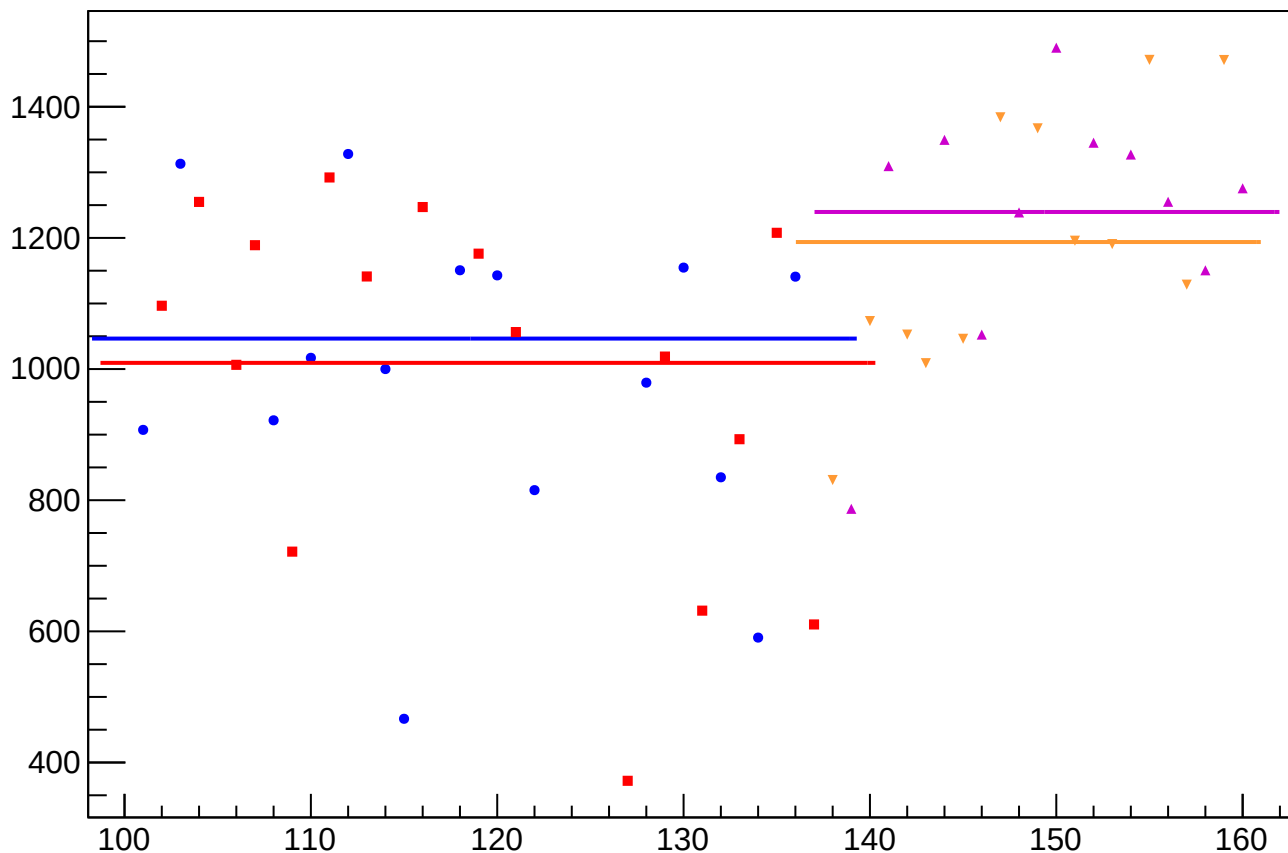
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ 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



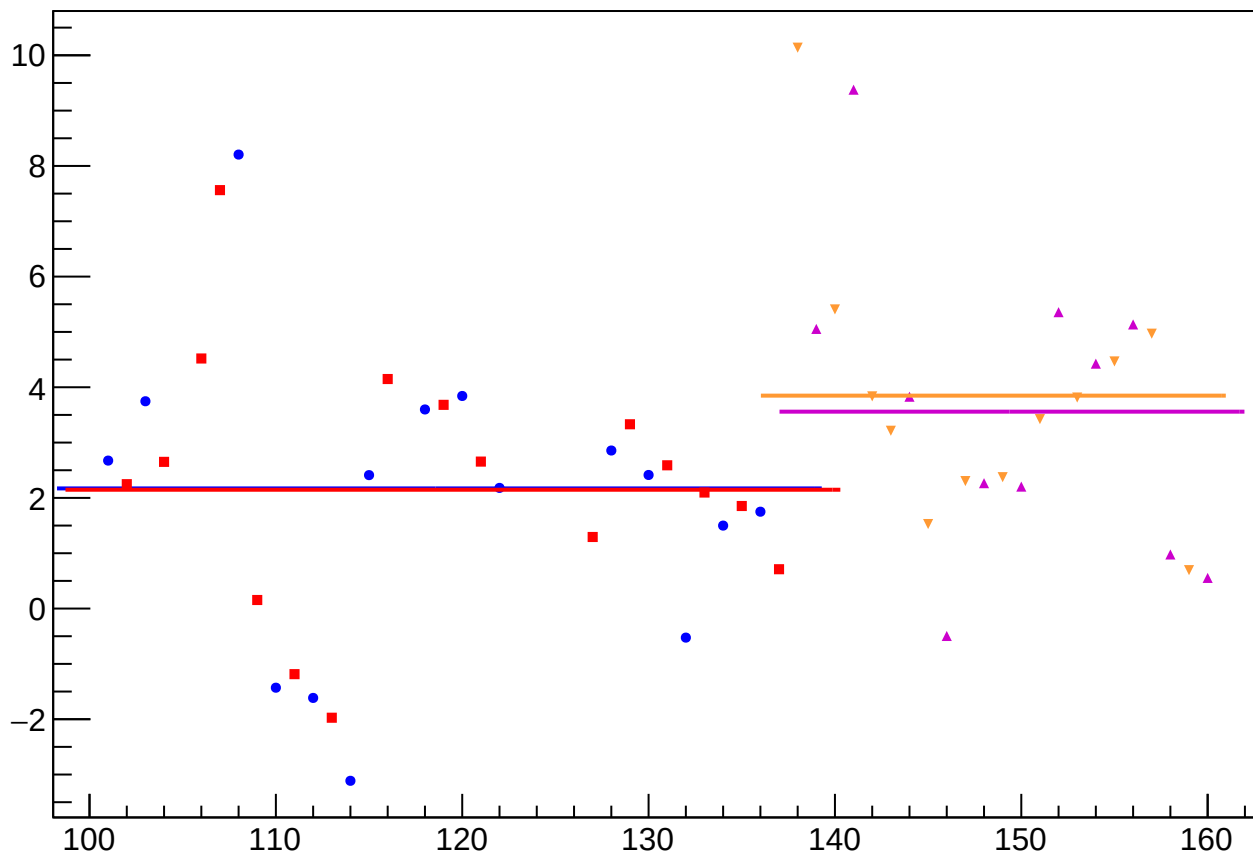
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 + sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 All: 1137.884+/-0.000 χ^2/NDF : 16179959910

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10
 - sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

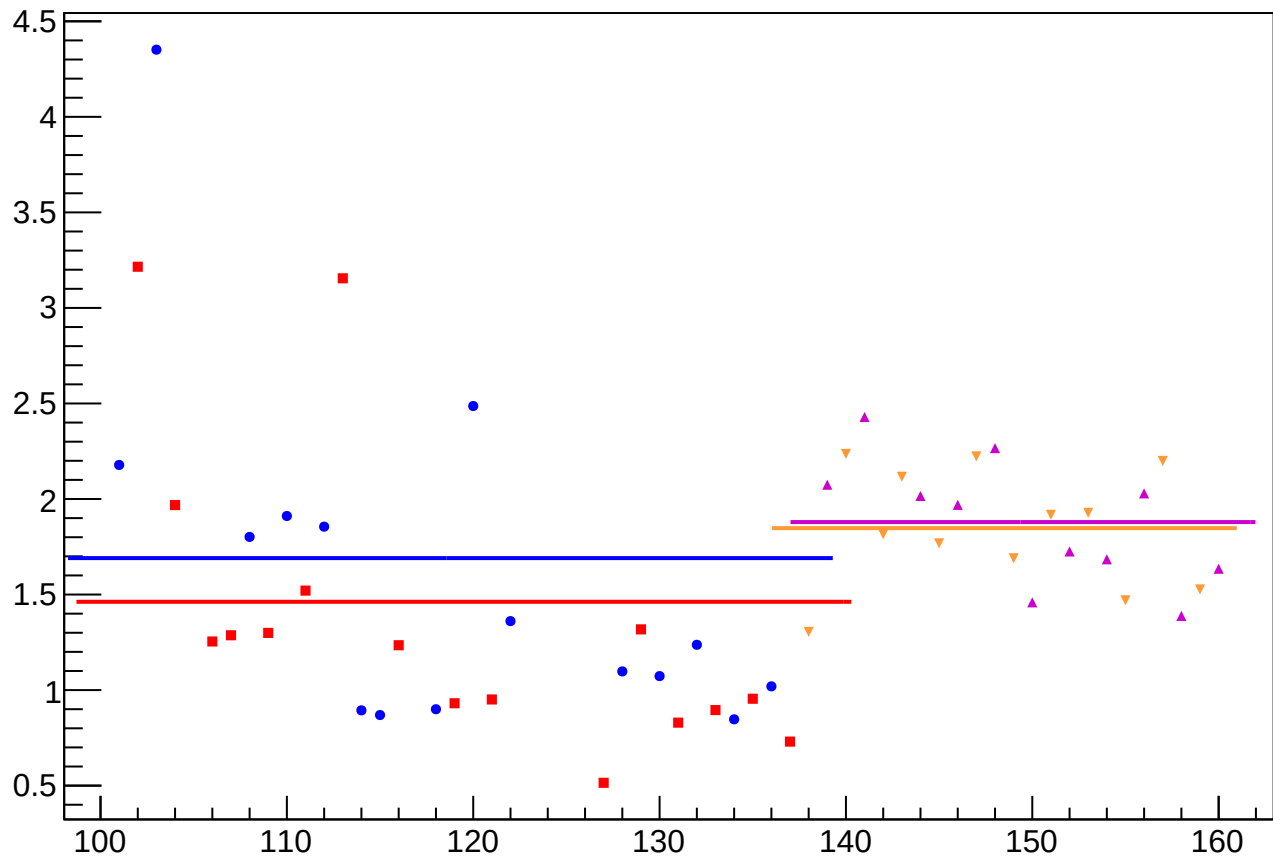
dit_4aY_coil1_mean vs Slug



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

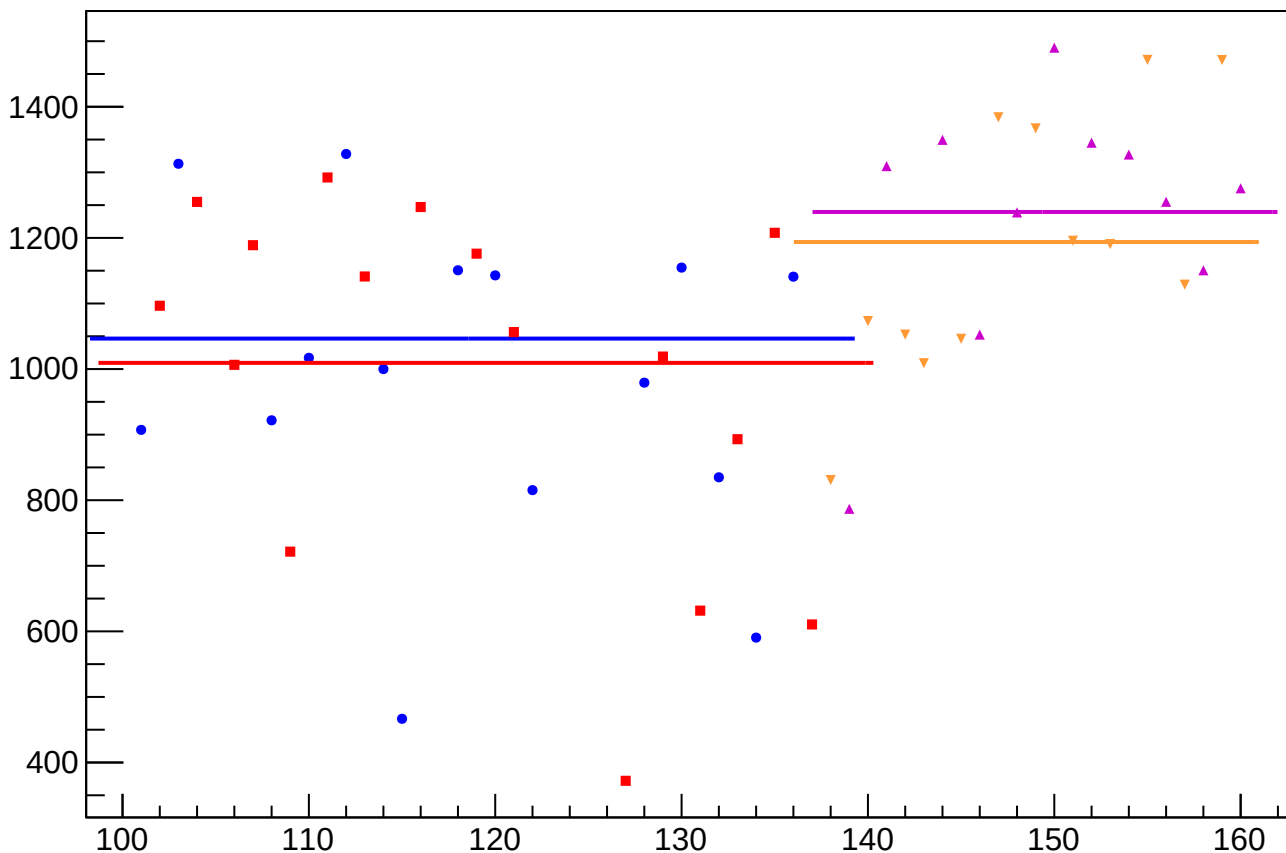
+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652
 All: 3.059+/-0.000 χ^2/NDF : 20091616900140
 - sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

dit_4aY_coil1_err_mean vs Slug



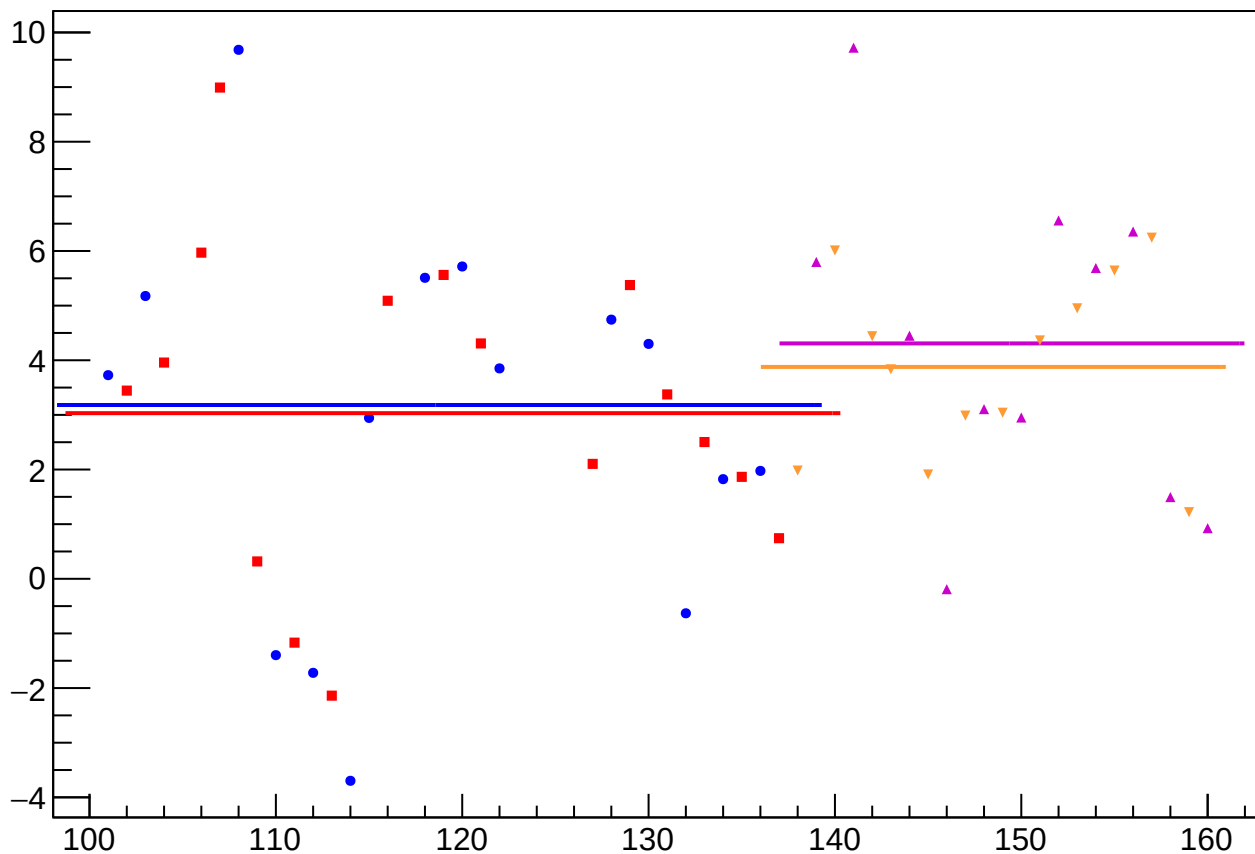
Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14
 Left Out: 1.847 $\pm$ 0.000 χ^2 /NDF: 84162850183102511254837045231616.0/11
 Right Out: 1.462 $\pm$ 0.000 χ^2 /NDF: 444384511662519040022371754835968.0/15
 Left In: 1.879 $\pm$ 0.000 χ^2 /NDF: 90968052268112309617342982127616.0/10

dit_4aY_coil1_Ndata_mean vs Slug



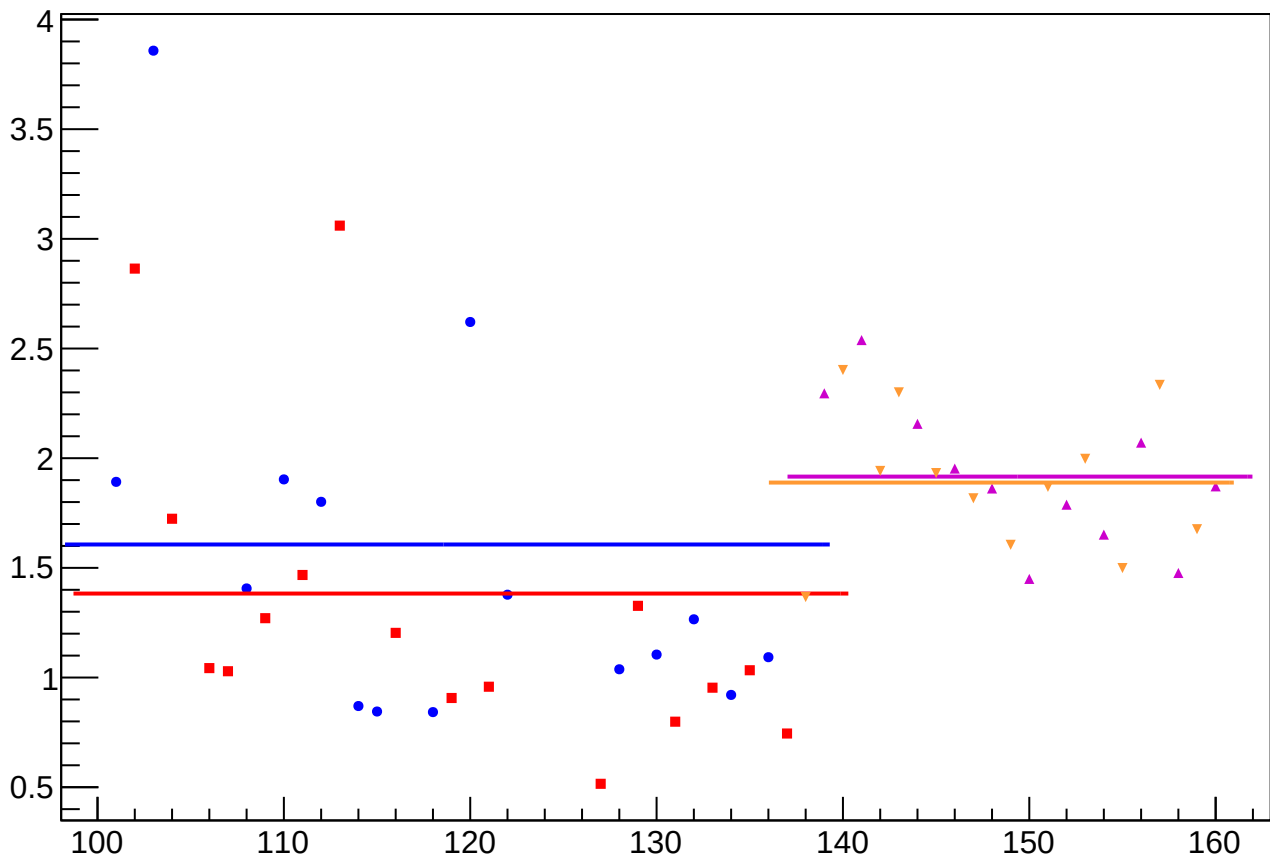
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000	χ^2/NDF : 5833303227868252617704566394191872.0/14
Left Out: 3.878+/-0.000	χ^2/NDF : 2463584640289158504459219897417728.0/11
Right Out: 3.032+/-0.000	χ^2/NDF : 4937209831371793945496546833334272.0/15
Left In: 4.308+/-0.000	χ^2/NDF : 7073495667694280351803168107003904.0/10
+ 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+/-0.000 χ^2/NDF : 460949628640148184181205735833600.0/14

Left Out: 1.889+/-0.000 χ^2/NDF : 94097326064066188177587241484288.0/11

Right Out: 1.383+/-0.000 χ^2/NDF : 358348897016286200957650337792000.0/15

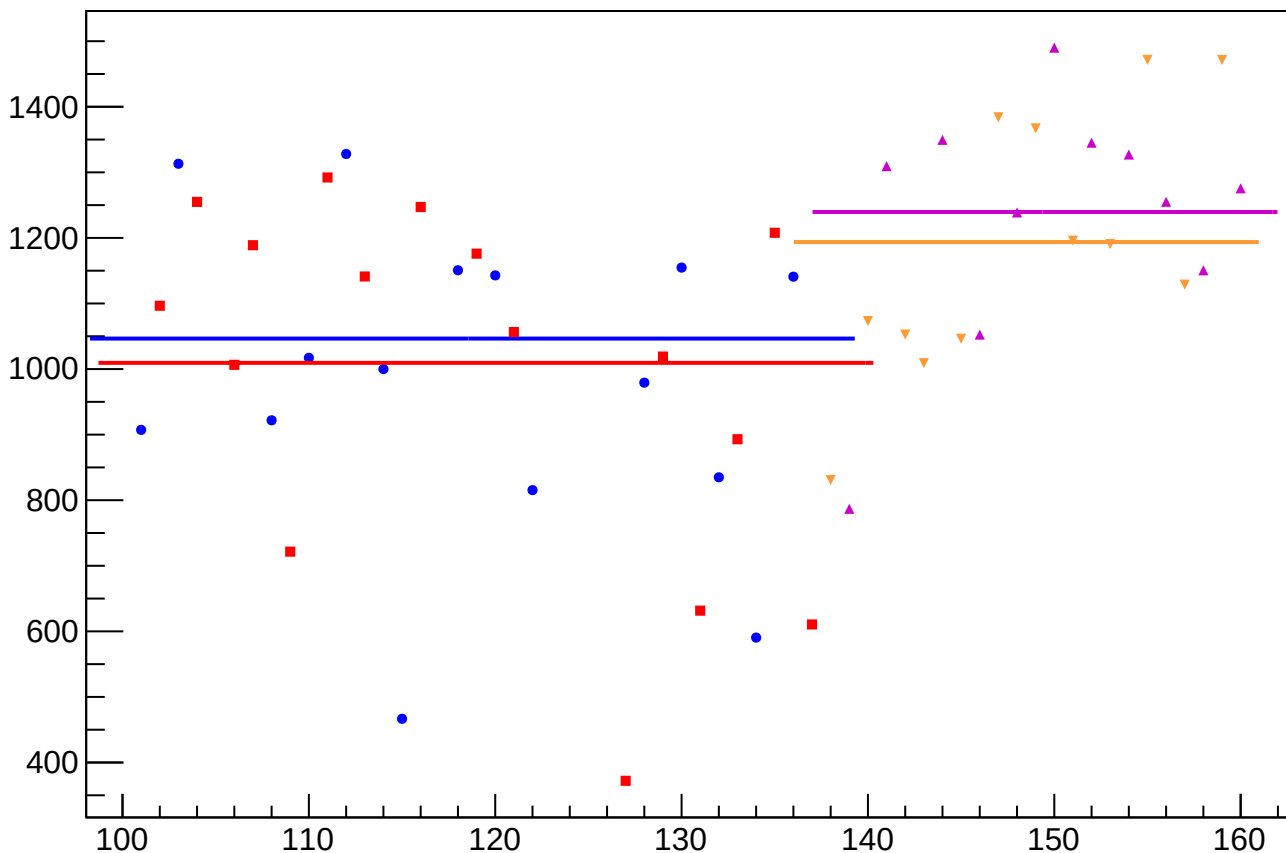
Left In: 1.916+/-0.000 χ^2/NDF : 95276515809016209875699691945984.0/10

+ sign 1.772+/-0.000 χ^2/NDF : 58529175260763022

All: 1.732+/-0.000 χ^2/NDF : 11539749951204

- sign 1.693+/-0.000 χ^2/NDF : 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



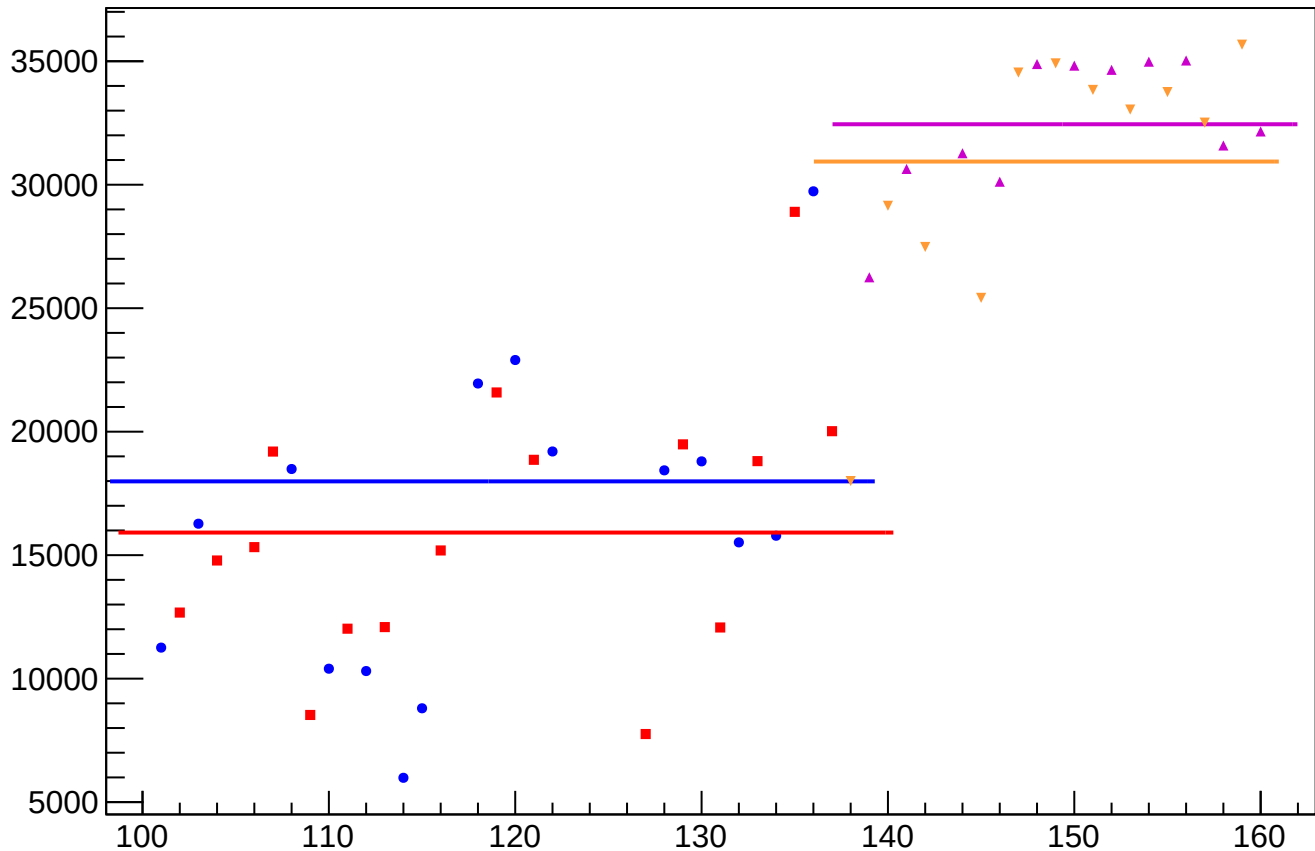
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

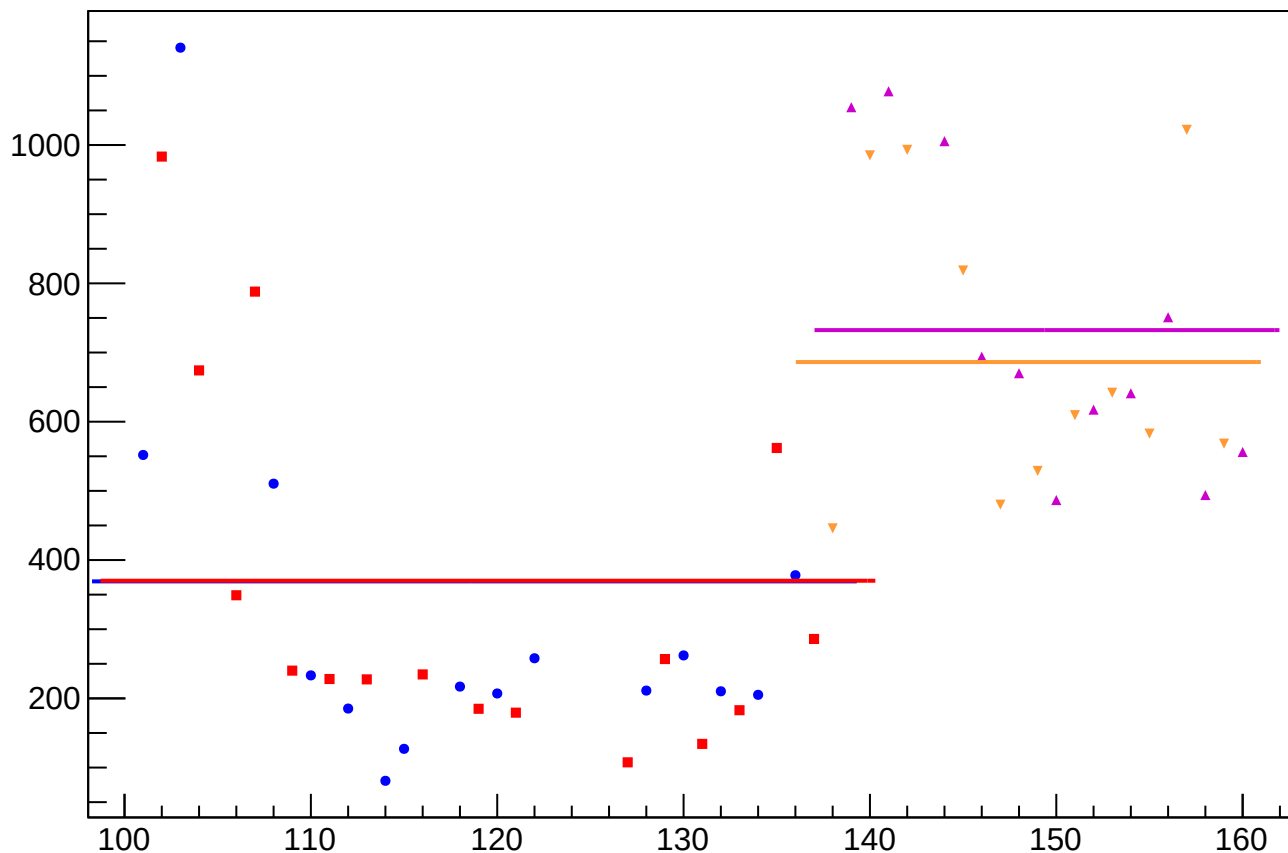
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30938.190+/-0.000	χ^2/NDF : 22231201695257869773275369100022395174912.0/10
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32448.675+/-0.000	χ^2/NDF : 6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF : 1086683983858
 All: 25421.772+/-0.000 χ^2/NDF : 2411086165
 - sign 25517.305+/-0.000 χ^2/NDF : 1324102555101

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 548.687+/-0.000 χ^2/NDF : 119411567412423

Left Out: 686.240+/-0.000 χ^2/NDF : 34417236167842983766159212562513657856.0/10

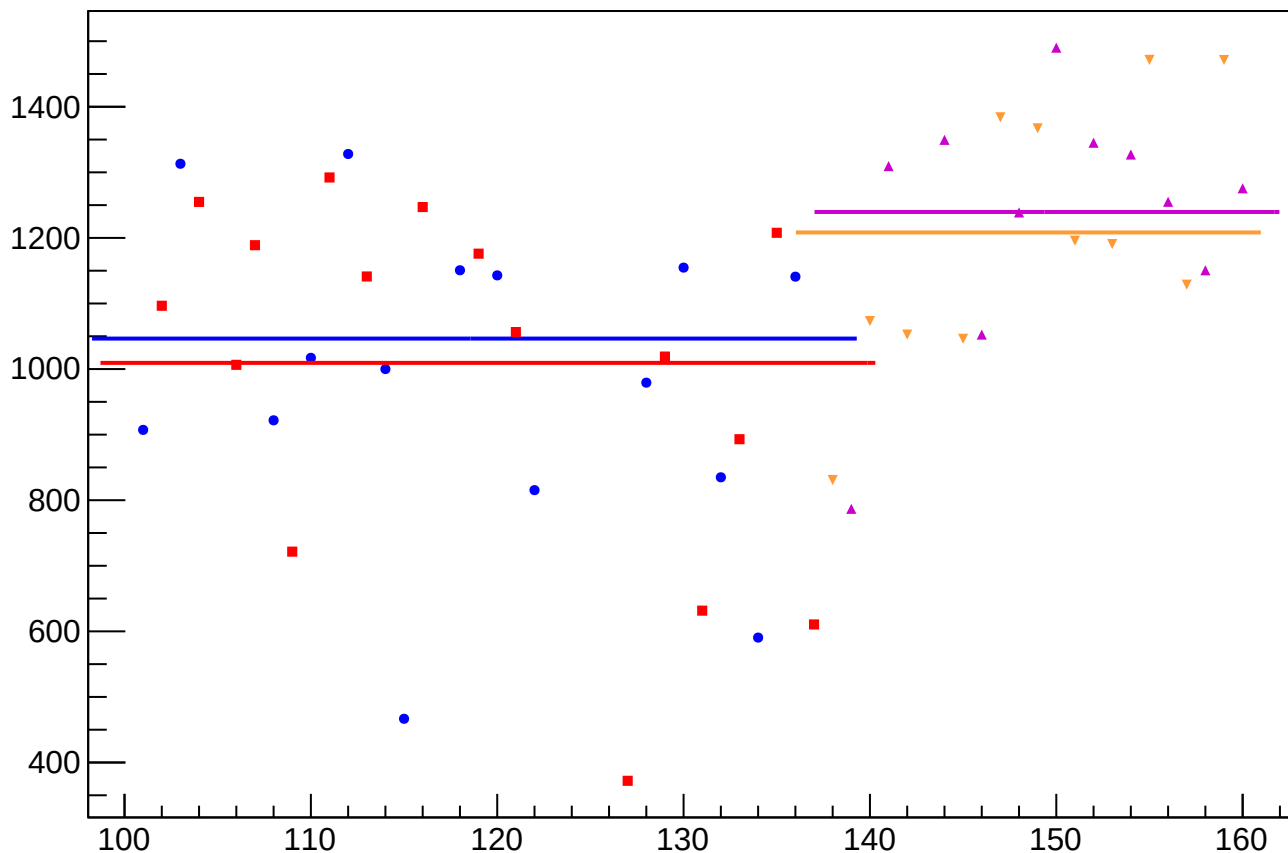
All: 565.091+/-0.000 χ^2/NDF : 259202401082

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 580.516+/-0.000 χ^2/NDF : 139009735968020

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

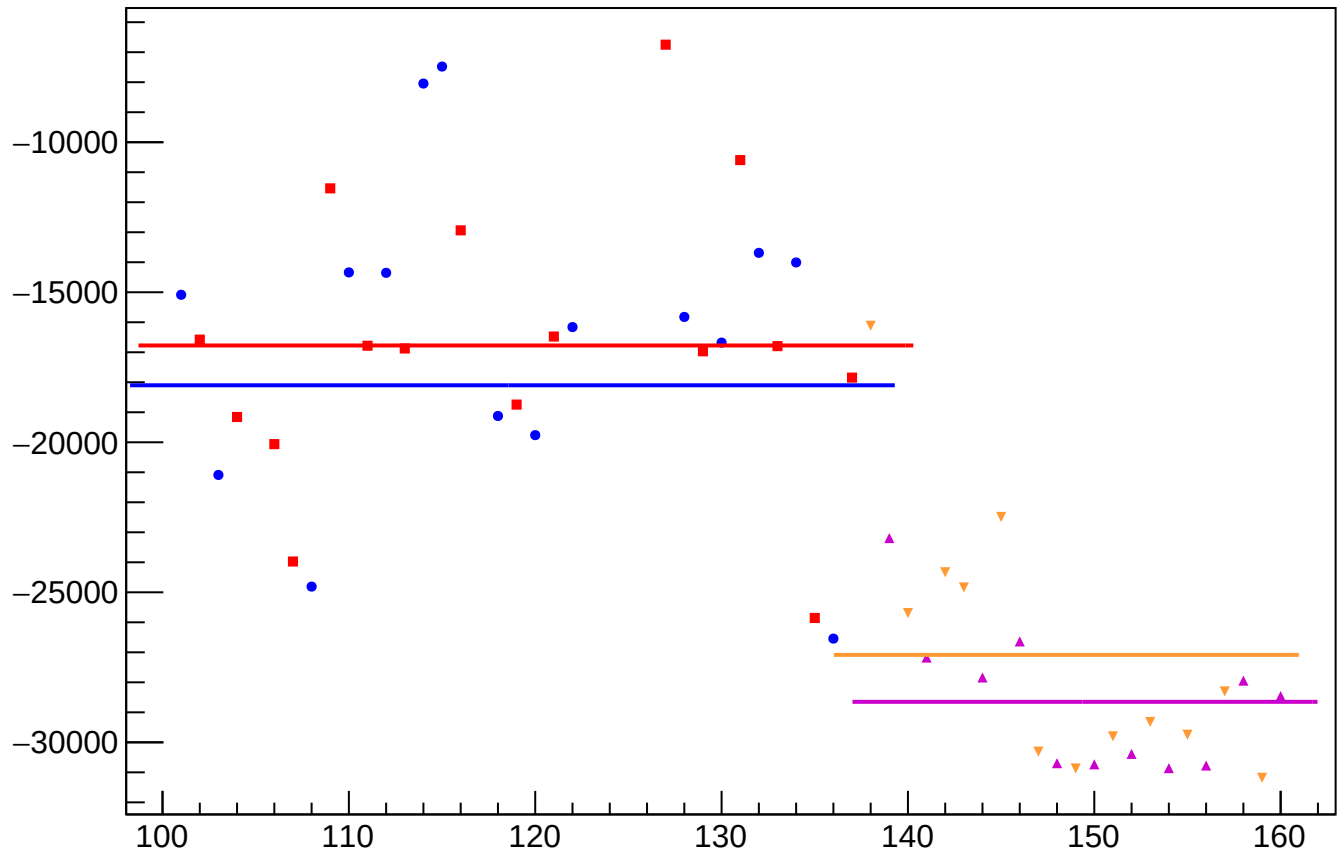
Left Out: 1208.342+/-0.000 χ^2/NDF : 31920270949065456215955115636701528064.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

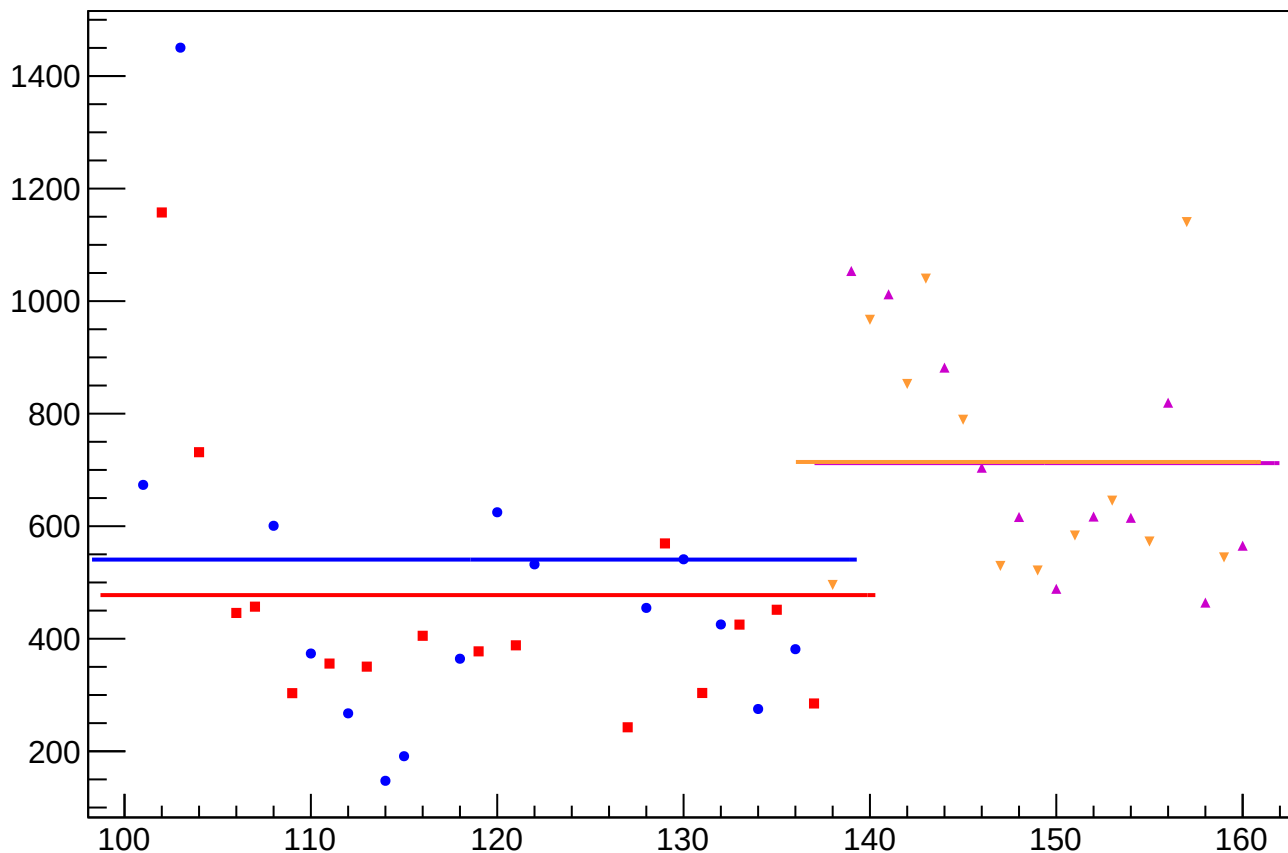
All: 1140.682+/-0.000 χ^2/NDF : 16066171729

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left In: -28650.410+/-0.000 χ^2/NDF : 4838827535981080826725947474344765554688.0/10
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left Out: -27085.326+/-0.000 χ^2/NDF : 16913671790830002451724713056210492850176.0/11
 All: -23514.355+/-0.000 χ^2/NDF : 135979518
 - sign -23671.259+/-0.000 χ^2/NDF : 7371541854107
 + sign -23354.640+/-0.000 χ^2/NDF : 621850607090

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF : 43160975478631460248575745928156151808.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

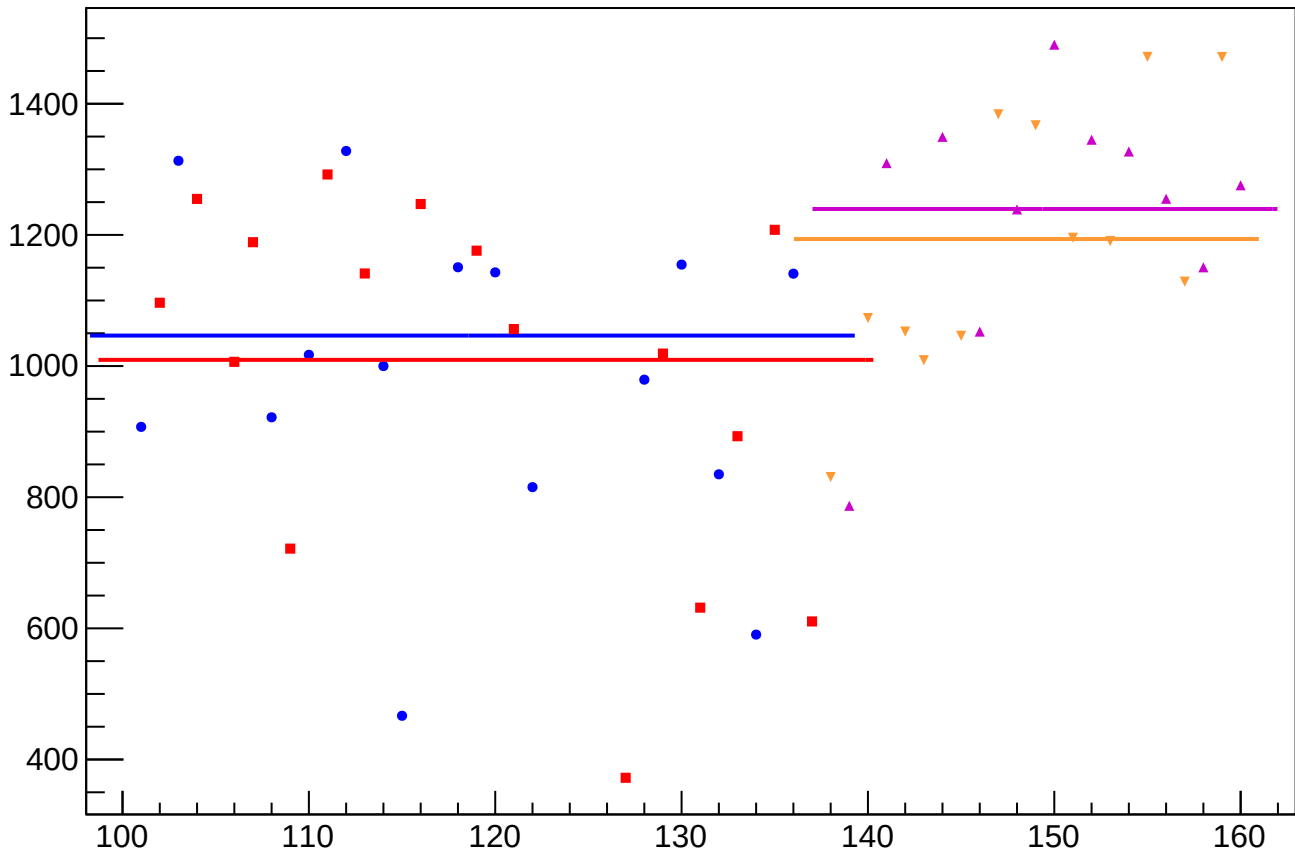
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

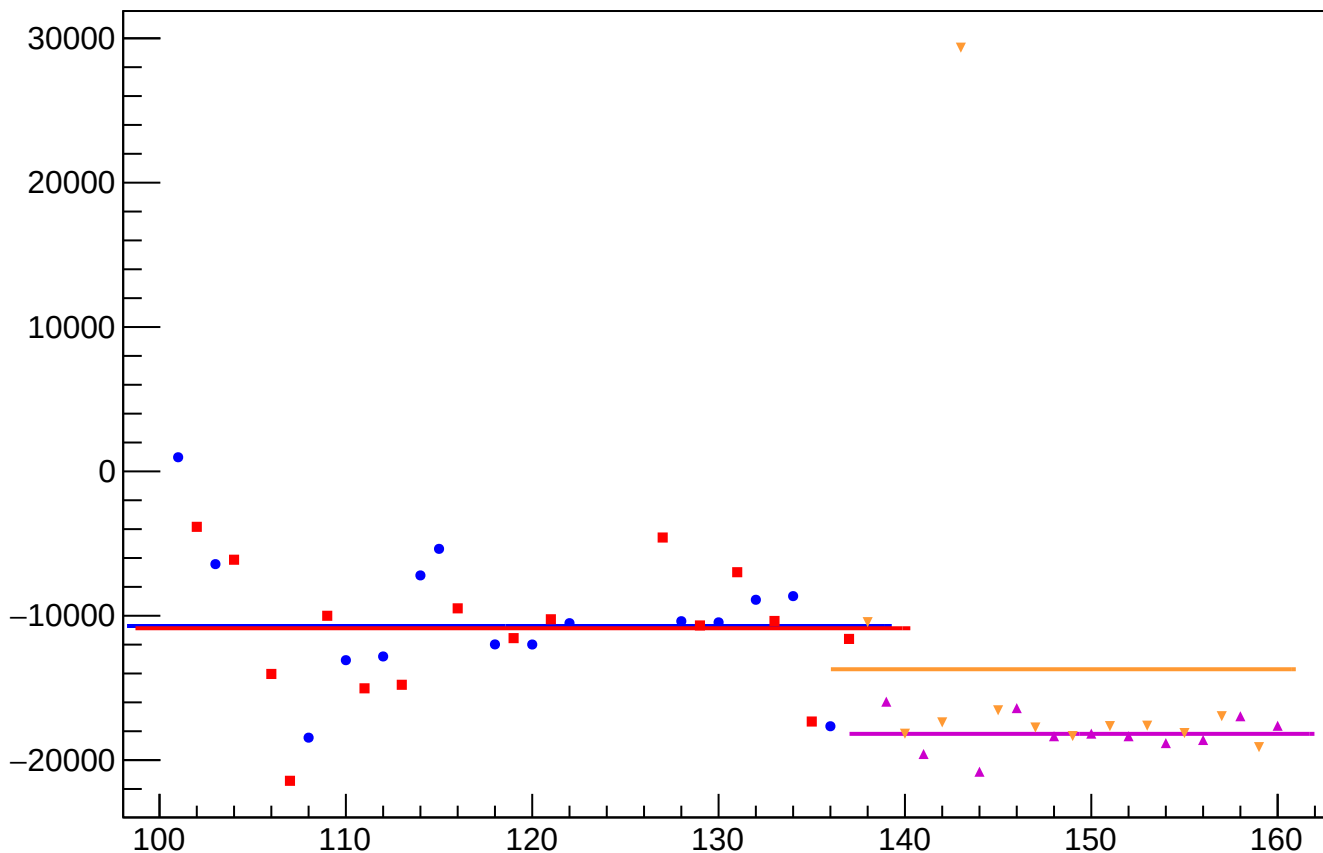
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atl1_coil1_mean vs Slug



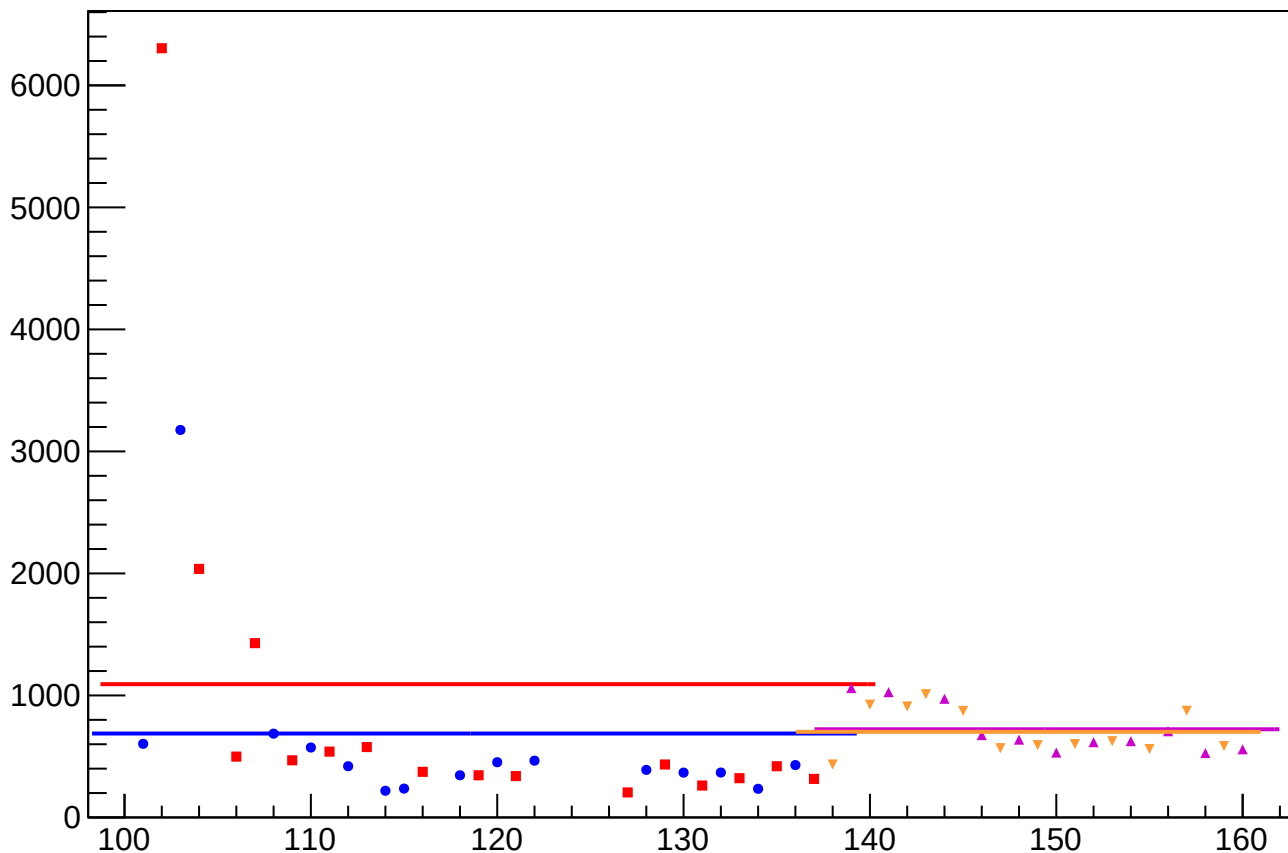
Right In: -10710.292+/-0.000	χ^2/NDF : 16945226152053511840482618402250170564608.0/14
Left Out: -13705.488+/-0.000	χ^2/NDF : 138226511026527050662319693841079709204480.0/11
Right Out: -10866.264+/-0.000	χ^2/NDF : 14234762838858382484525901644131626647552.0/15
Left In: -18181.504+/-0.000	χ^2/NDF : 1643617183572647868818914289162838343680.0/10

+ sign -12461.801+/-0.000 χ^2/NDF : 158576463536

All: -13800.033+/-0.000 χ^2/NDF : 200733129

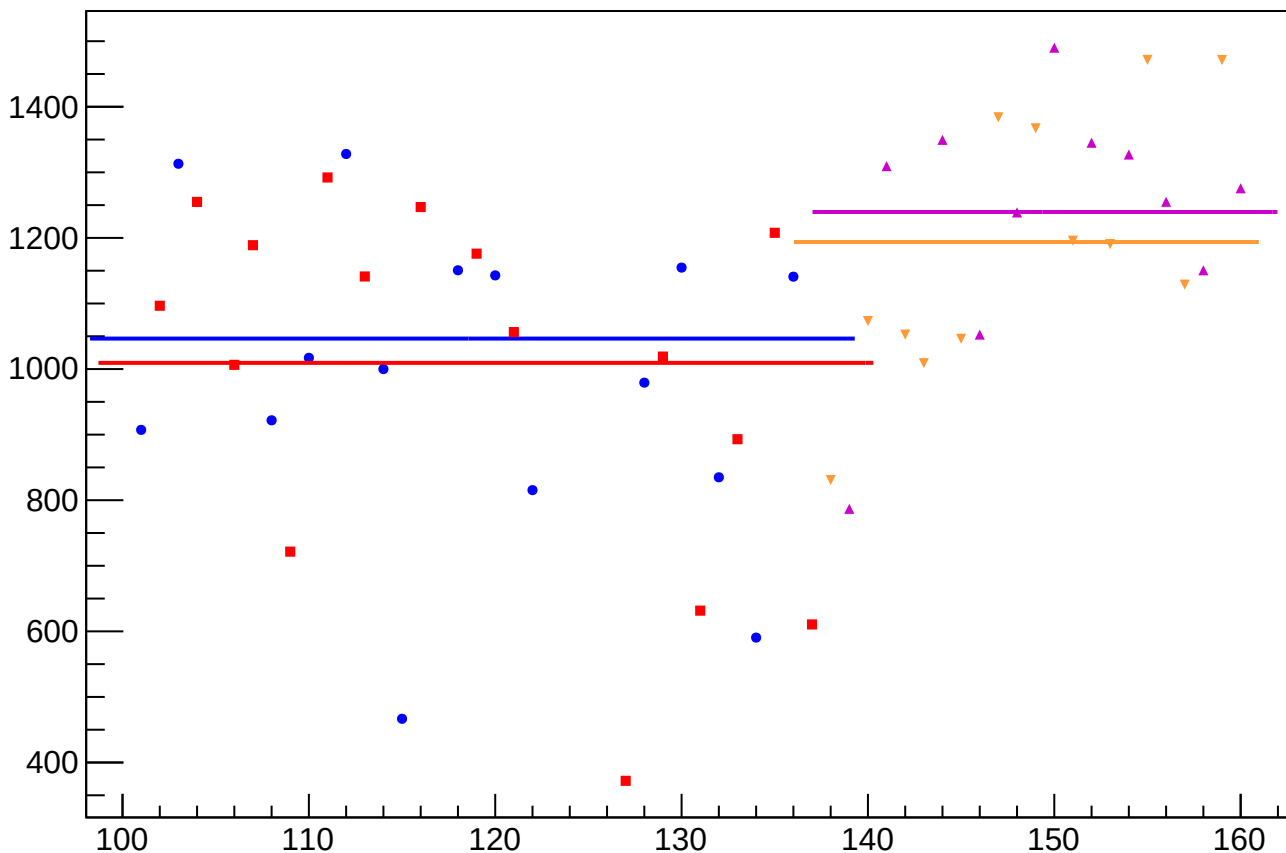
- sign -15114.713+/-0.000 χ^2/NDF : 3660768844081

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 701.825+/-0.000 χ^2/NDF : 29011752452264624264282448573098885120.0/11
 Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

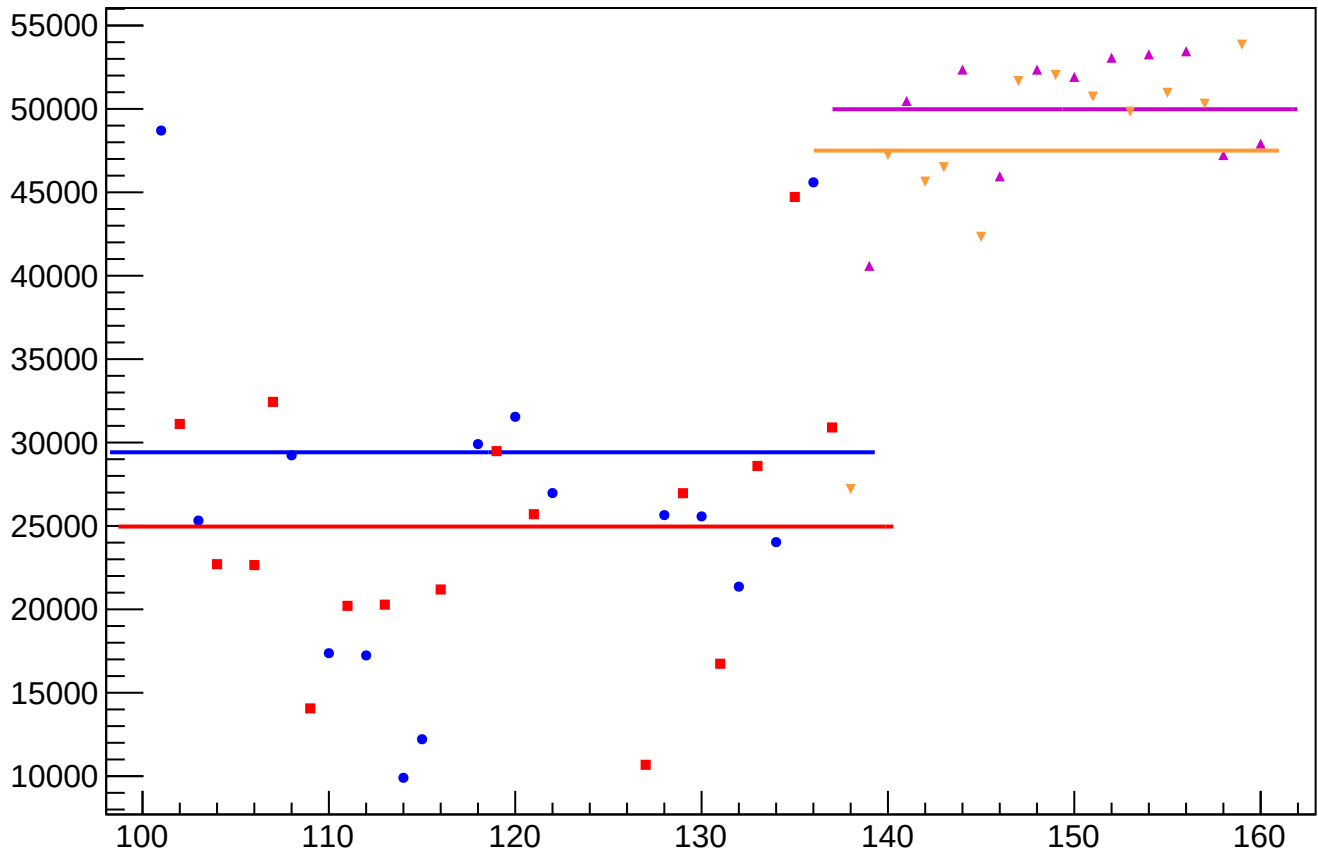
Left Out: 1193.726 ± 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884 ± 0.000 χ^2/NDF : 16179959910

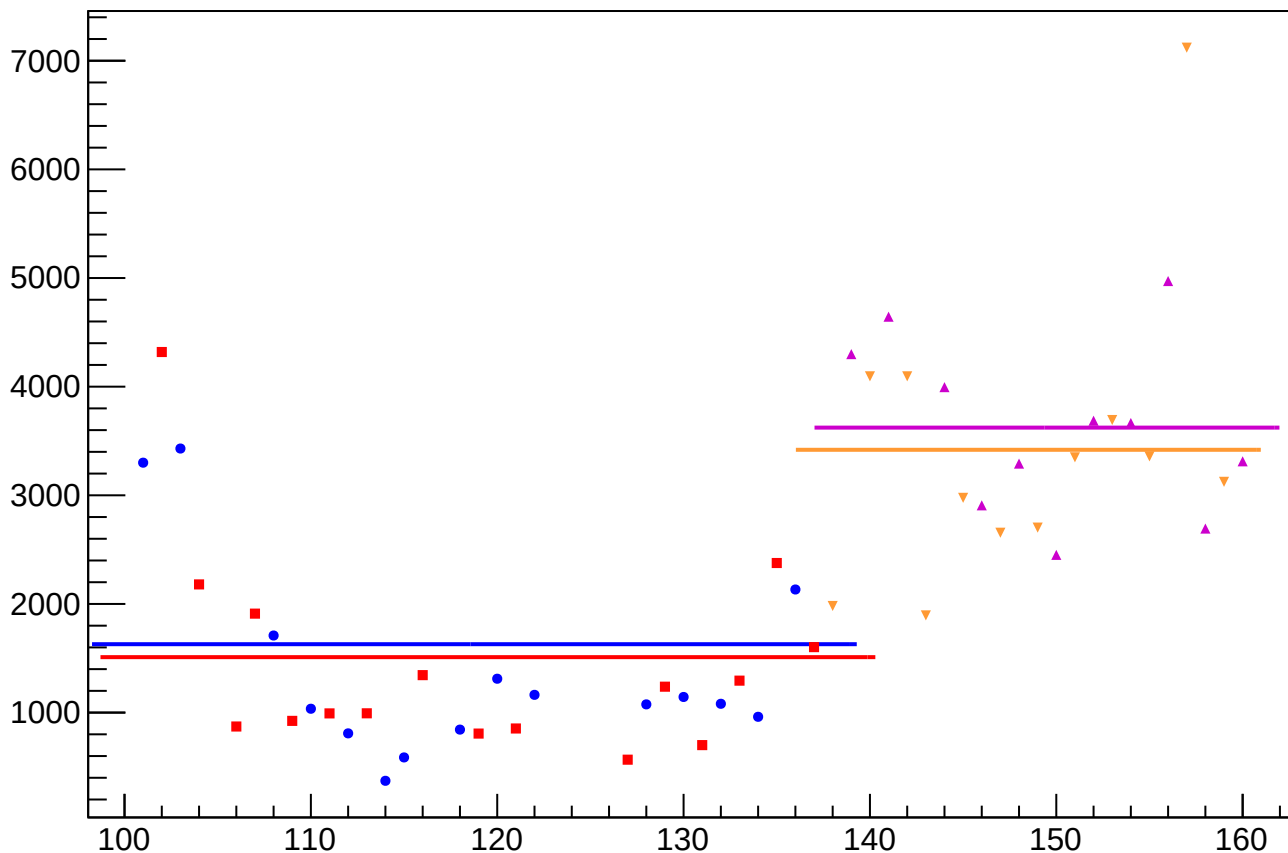
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47501.916+/-0.000	χ^2/NDF : 43591715334933801645565199836761766756352.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

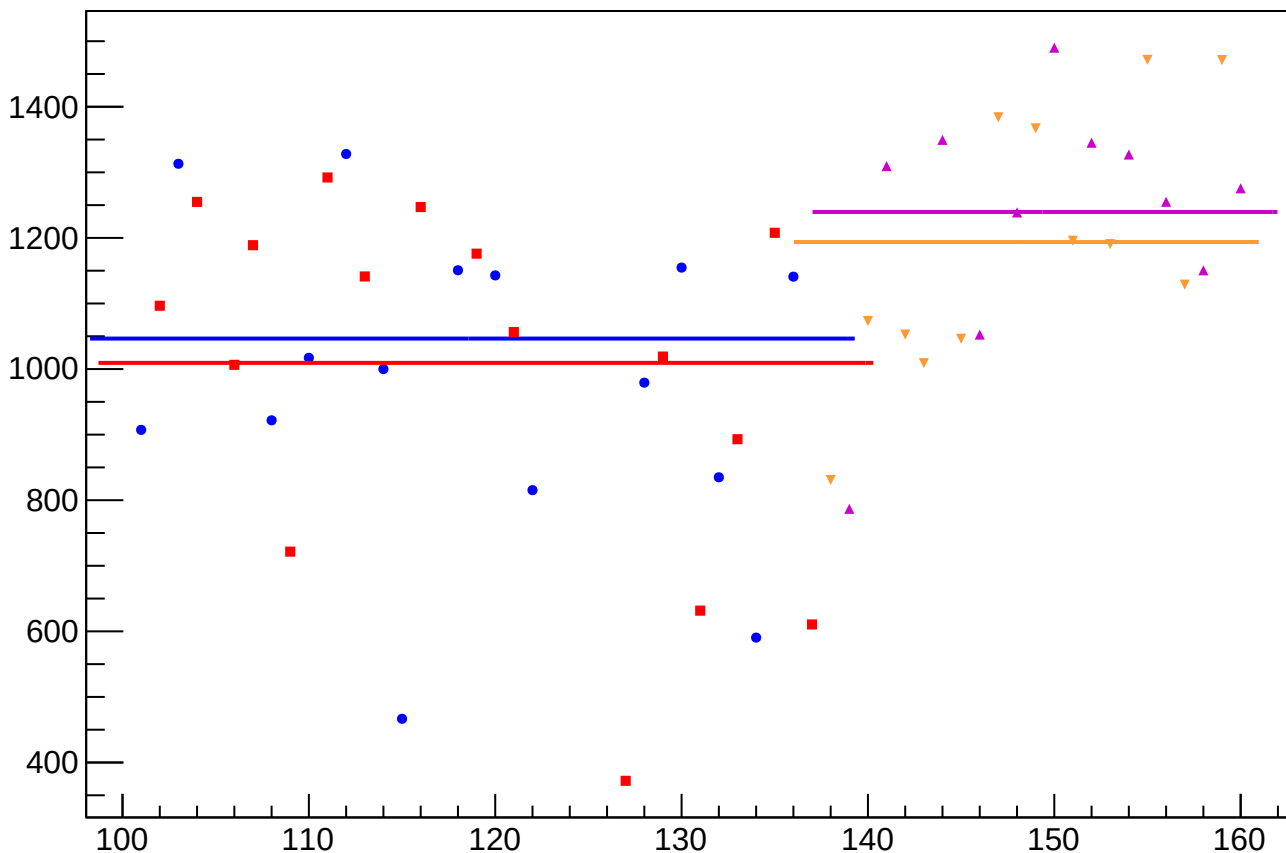
+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358
 All: 39740.450+/-0.000 χ^2/NDF : 5413093002
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2675.926+/-0.000	χ^2/NDF : 33424300848042
Left Out: 3418.927+/-0.000	χ^2/NDF : 1575515144069936231955966928879934767104.0/11	All: 2706.904+/-0.000	χ^2/NDF : 63005491565
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2737.338+/-0.000	χ^2/NDF : 29551454832887
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10		

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

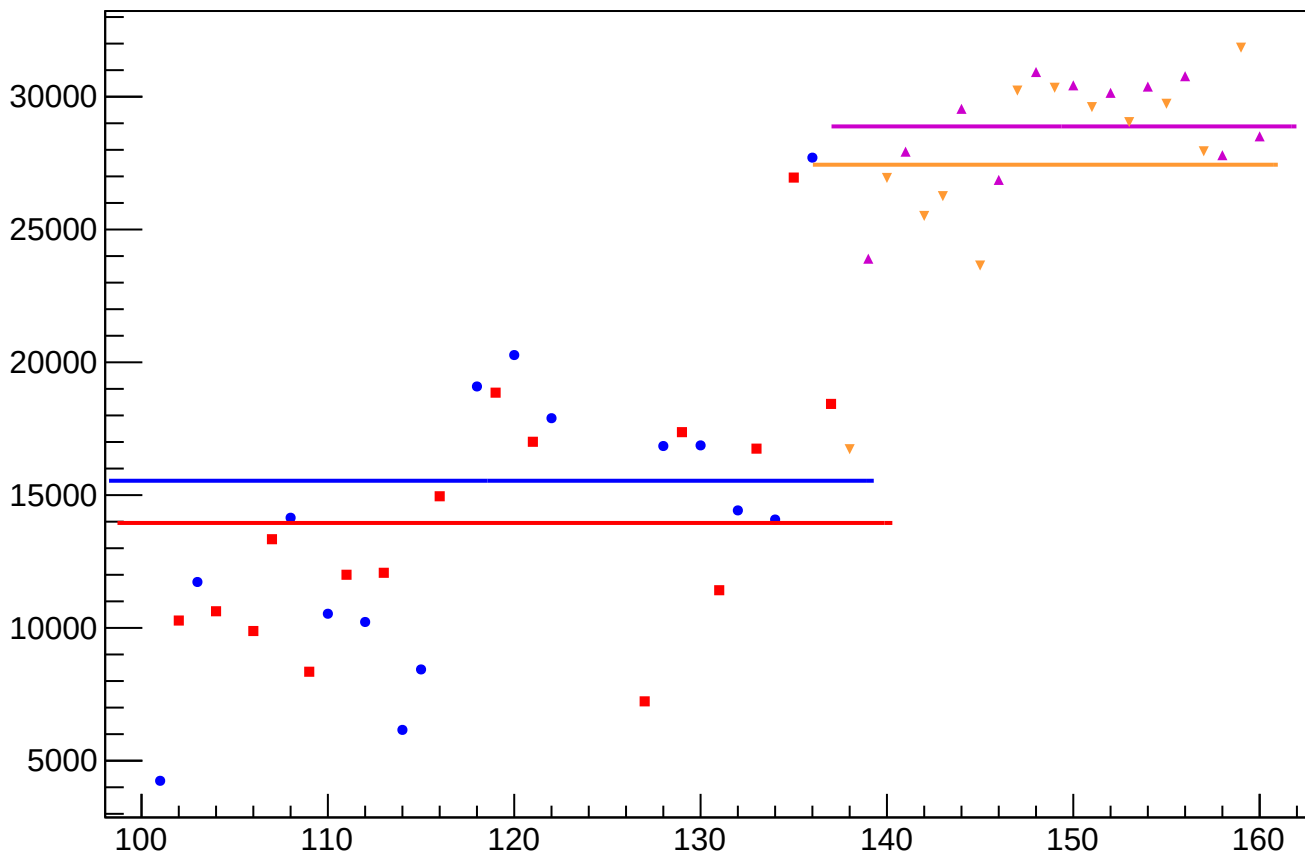
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

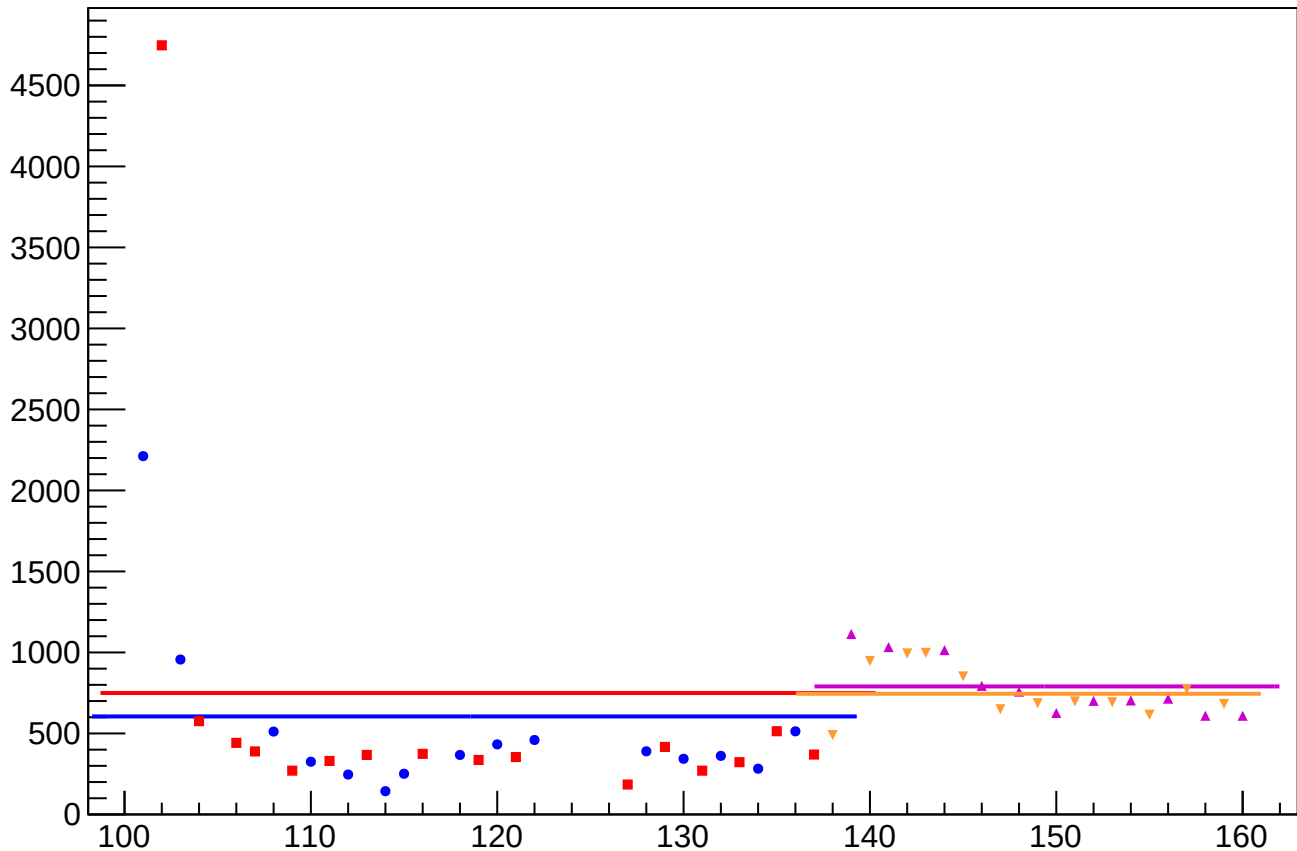
dit_atr1_coil1_mean vs Slug



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

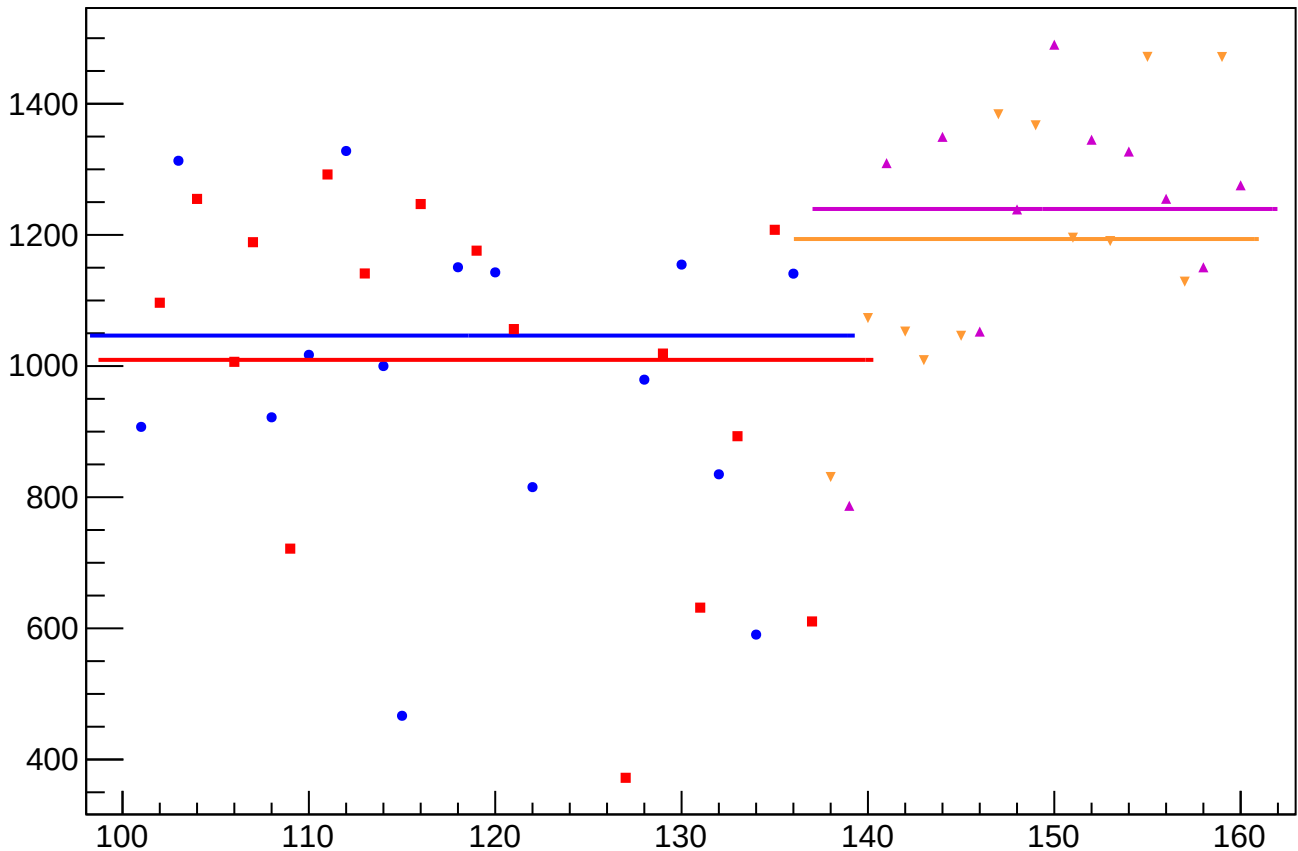
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

All: 730.430+/-0.000 χ^2/NDF : 127166116576

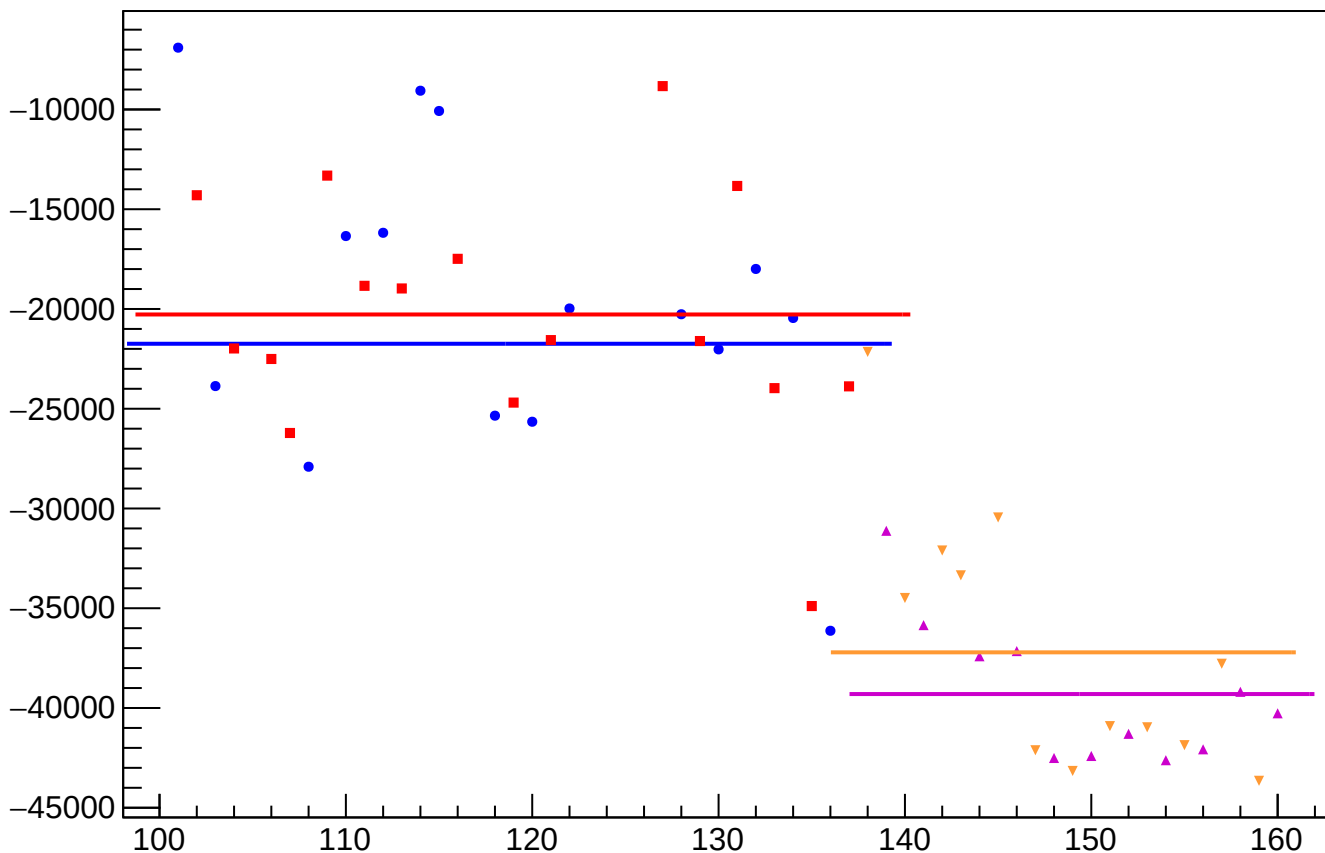
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



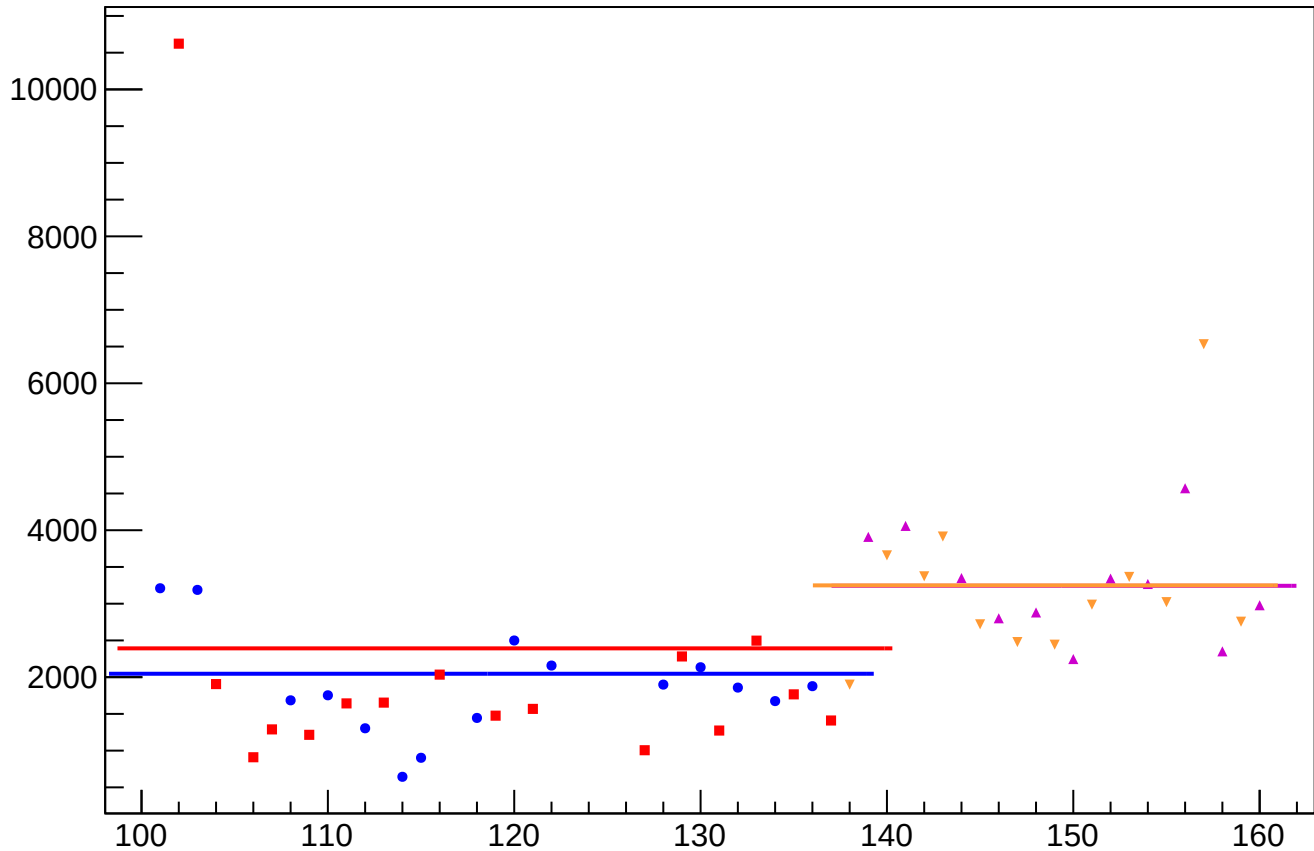
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



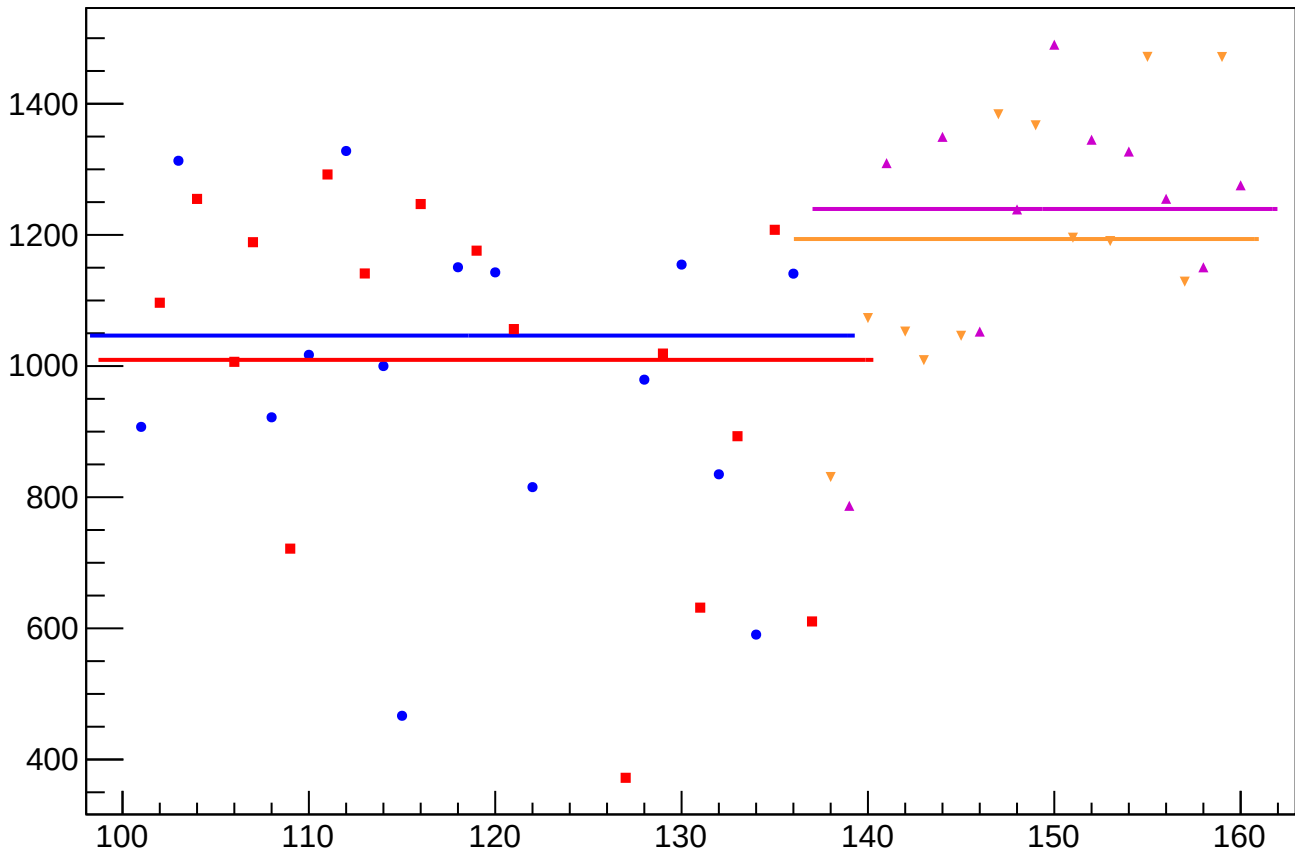
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37210.761+/-0.000 χ^2/NDF : 36234813568101266501920845904945520574464.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



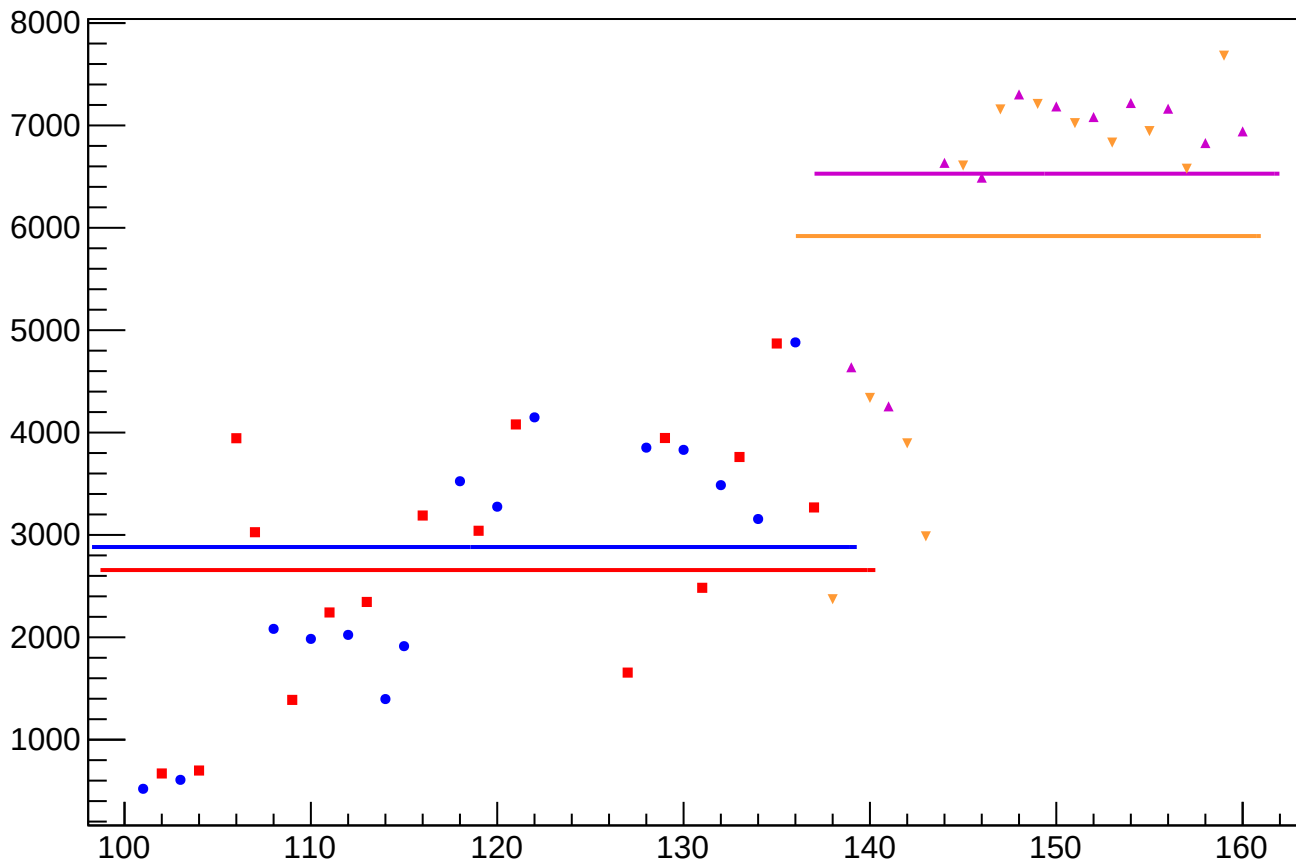
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



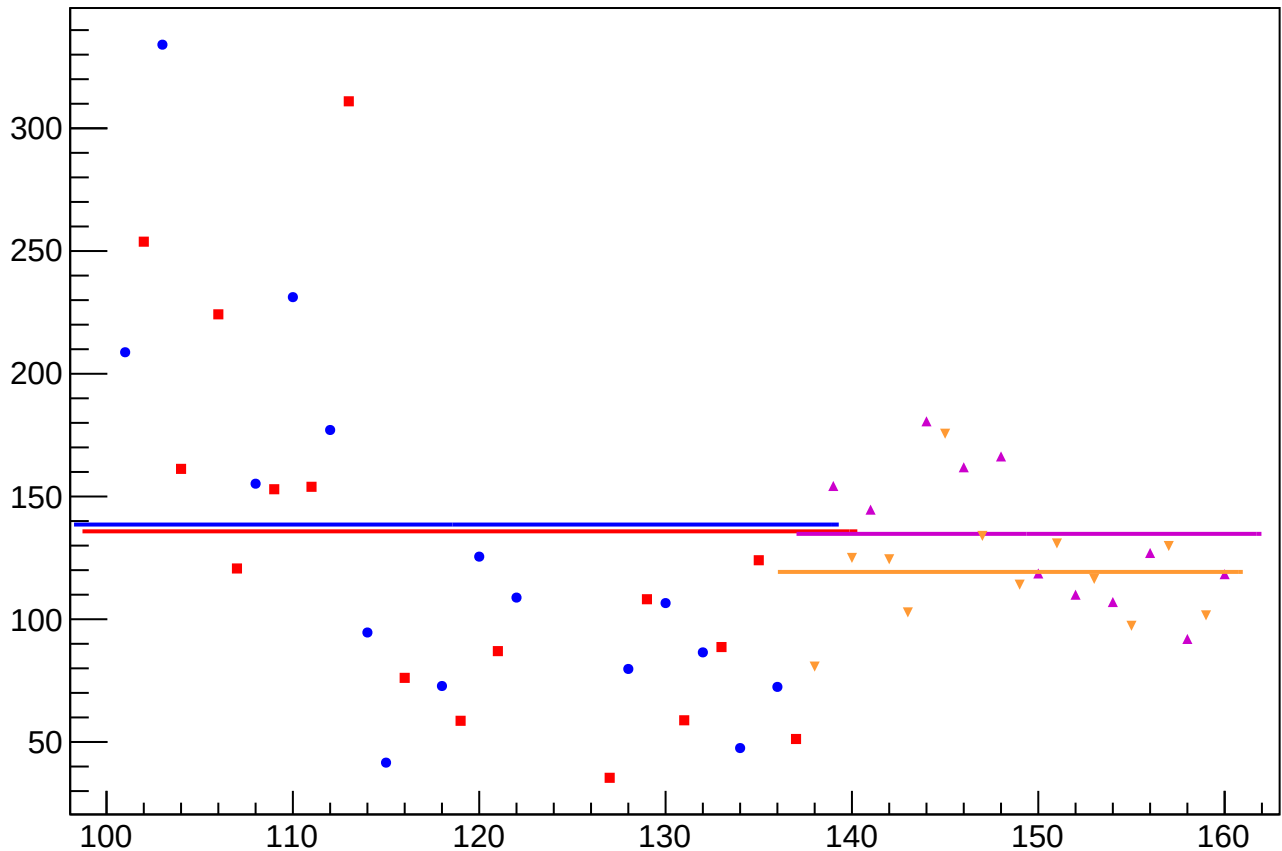
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



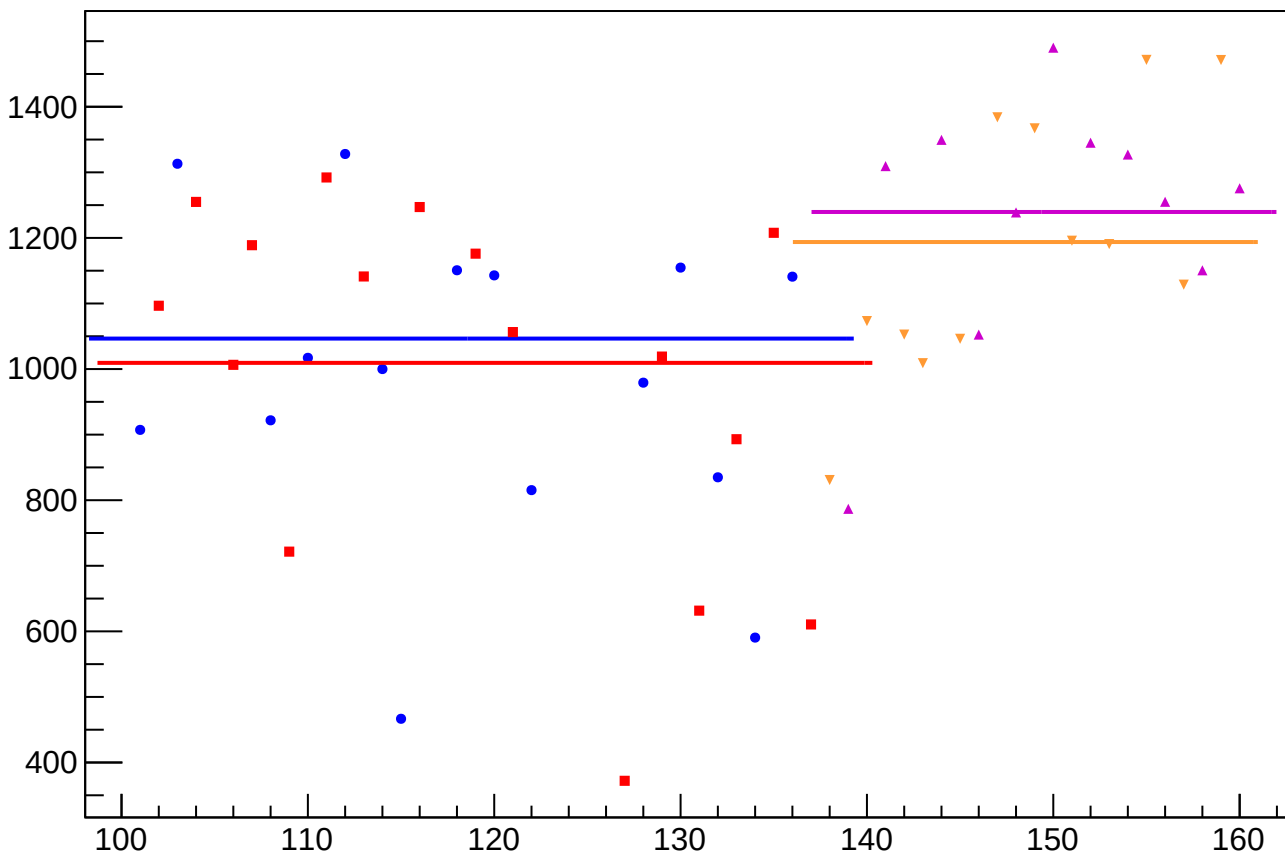
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5919.511+/-0.000 χ^2/NDF : 2779072700024845827027981240176985767936.0/11
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6528.681+/-0.000 χ^2/NDF : 940619832290547661204641528694924378112.0/10

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14	+ sign 127.294+/-0.000	χ^2/NDF : 487151185585046
Left Out: 119.282+/-0.000	χ^2/NDF : 487845779395217879153815293985292288.0/11	All: 131.289+/-0.000	χ^2/NDF : 956758975873
Right Out: 135.809+/-0.000	χ^2/NDF : 3956401741862524263243160868173643776.0/15	- sign 135.214+/-0.000	χ^2/NDF : 464661599123883
Left In: 134.785+/-0.000	χ^2/NDF : 689808602632315539029860685392642048.0/10		

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

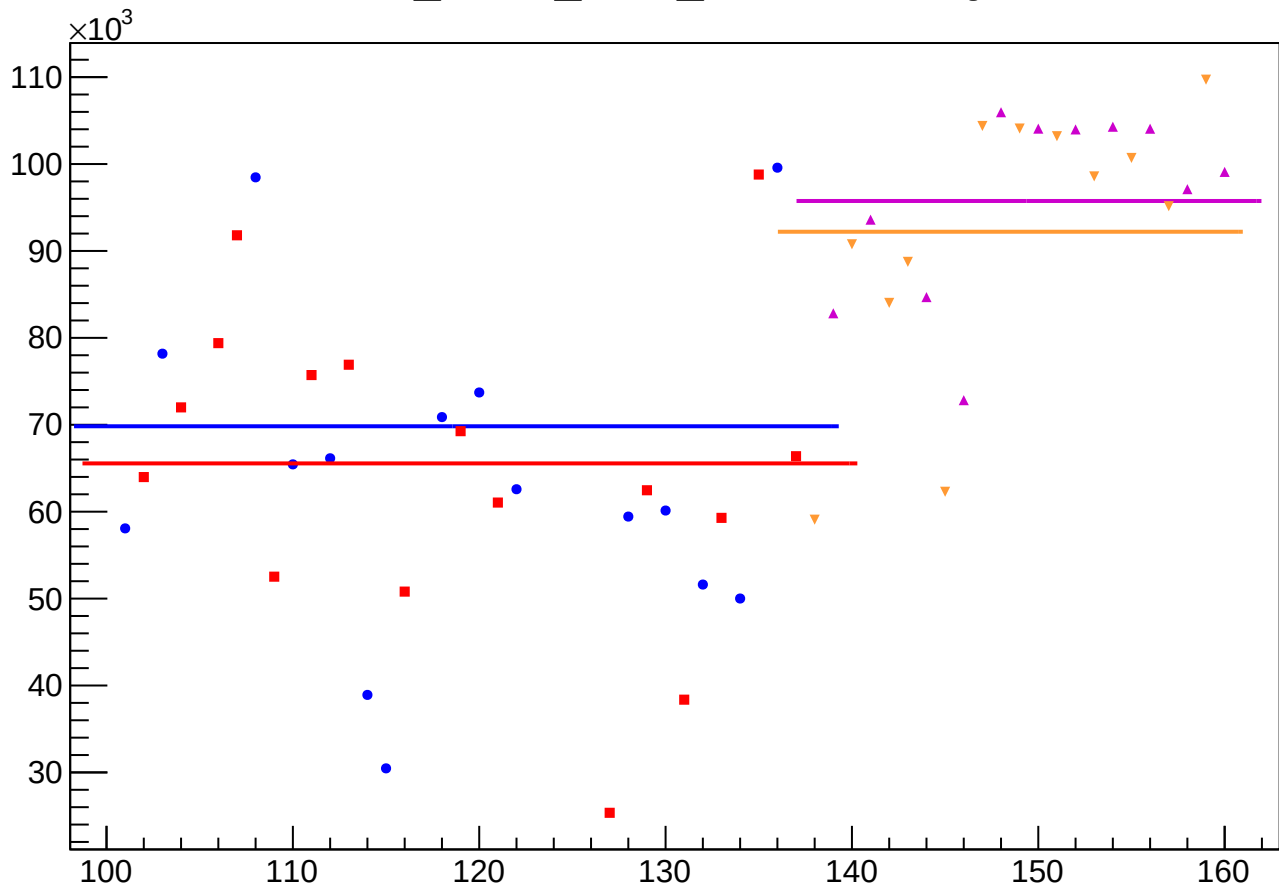
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

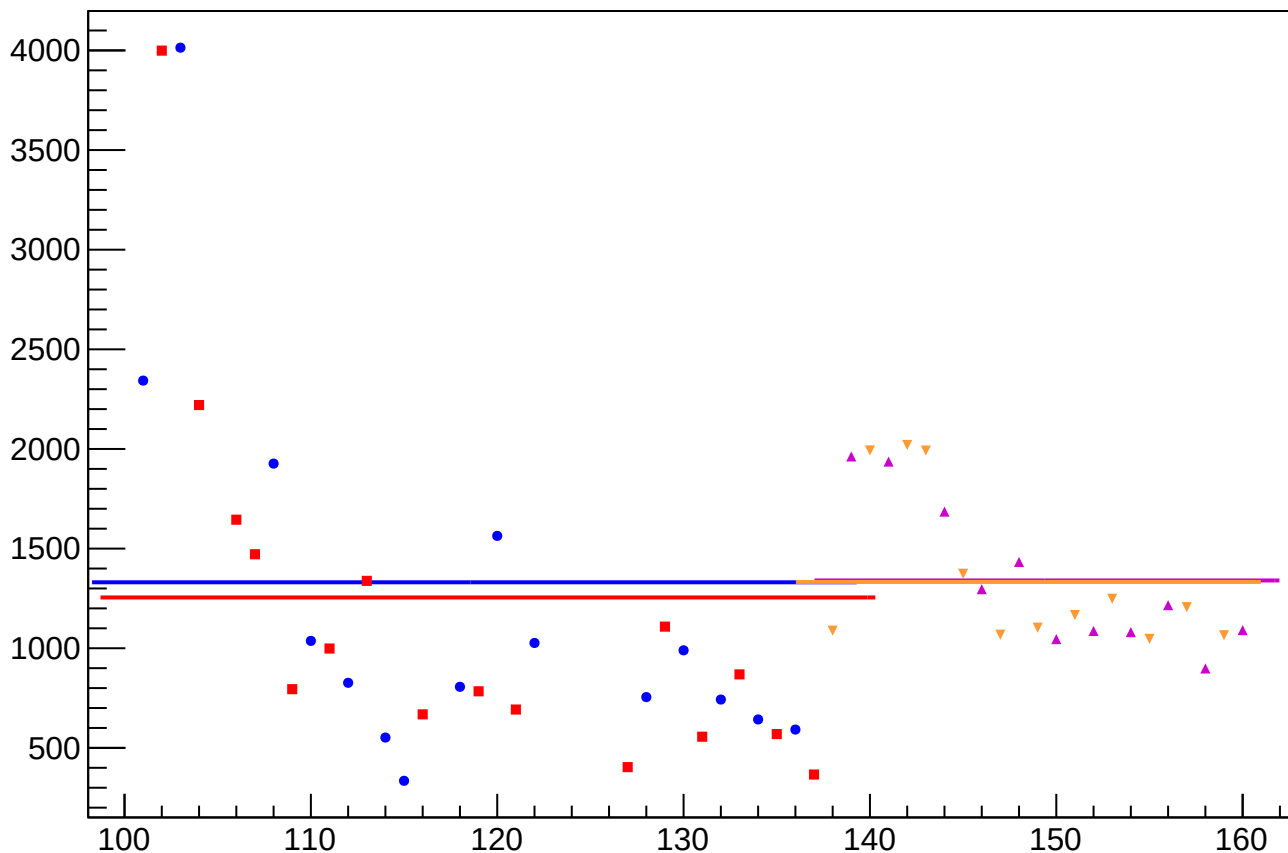
dit_sam2_coil1_mean vs Slug



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

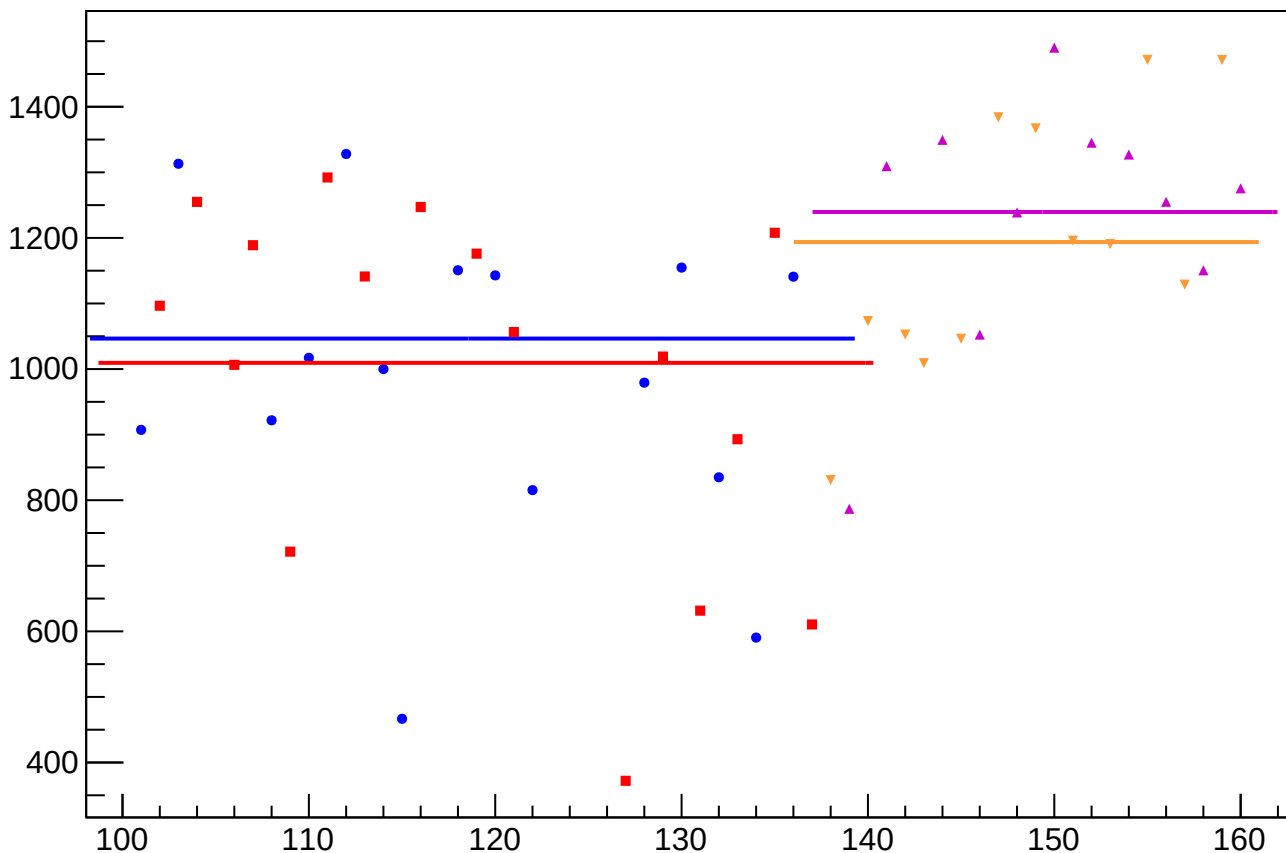
+ sign 82916.711 $\pm$ 0.000 χ^2/NDF : 6045168976255
 All: 83004.616 $\pm$ 0.000 χ^2/NDF : 1272083143
 - sign 83090.974 $\pm$ 0.000 χ^2/NDF : 6675423024903

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

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

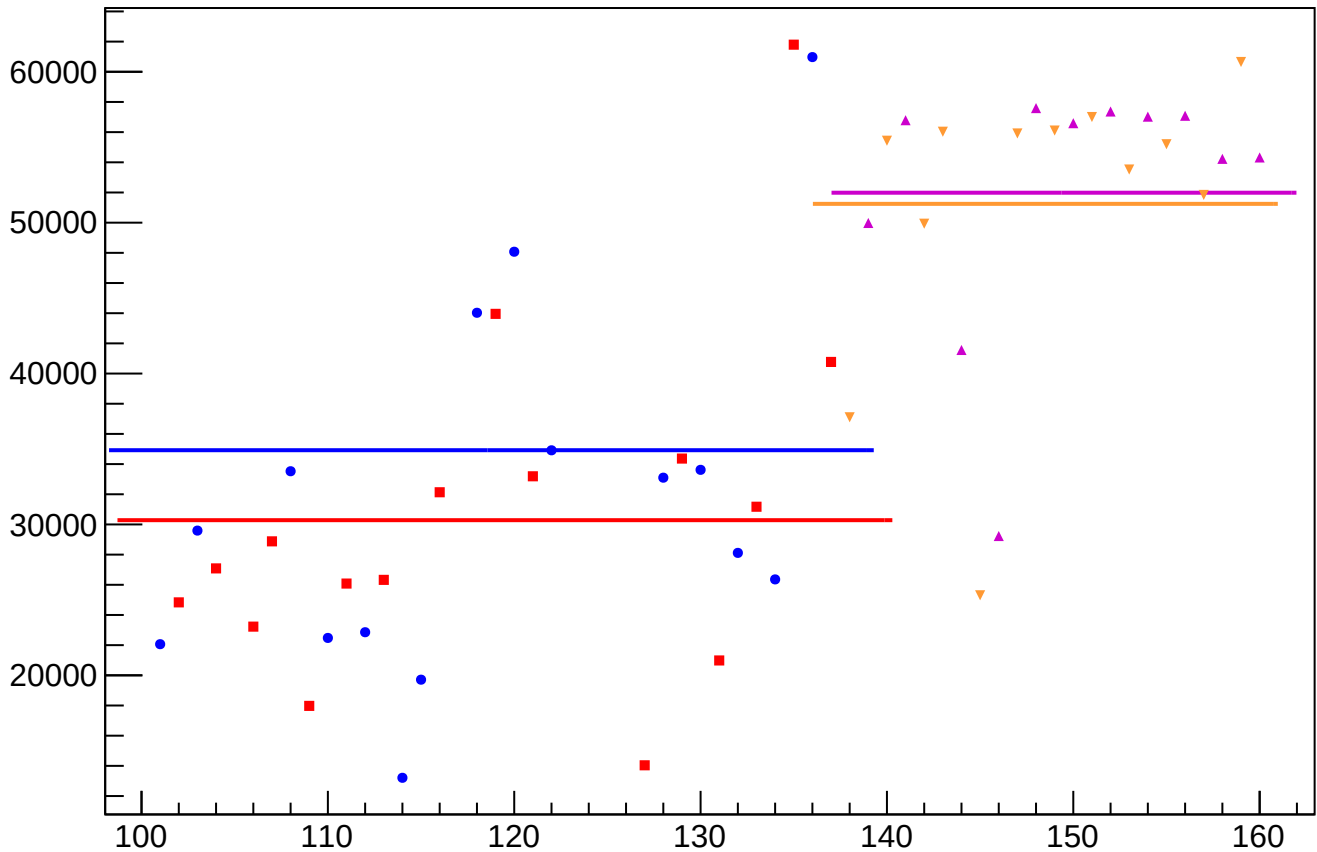
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441
 All: 1137.884+/-0.000 χ^2/NDF : 16179959910
 - sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

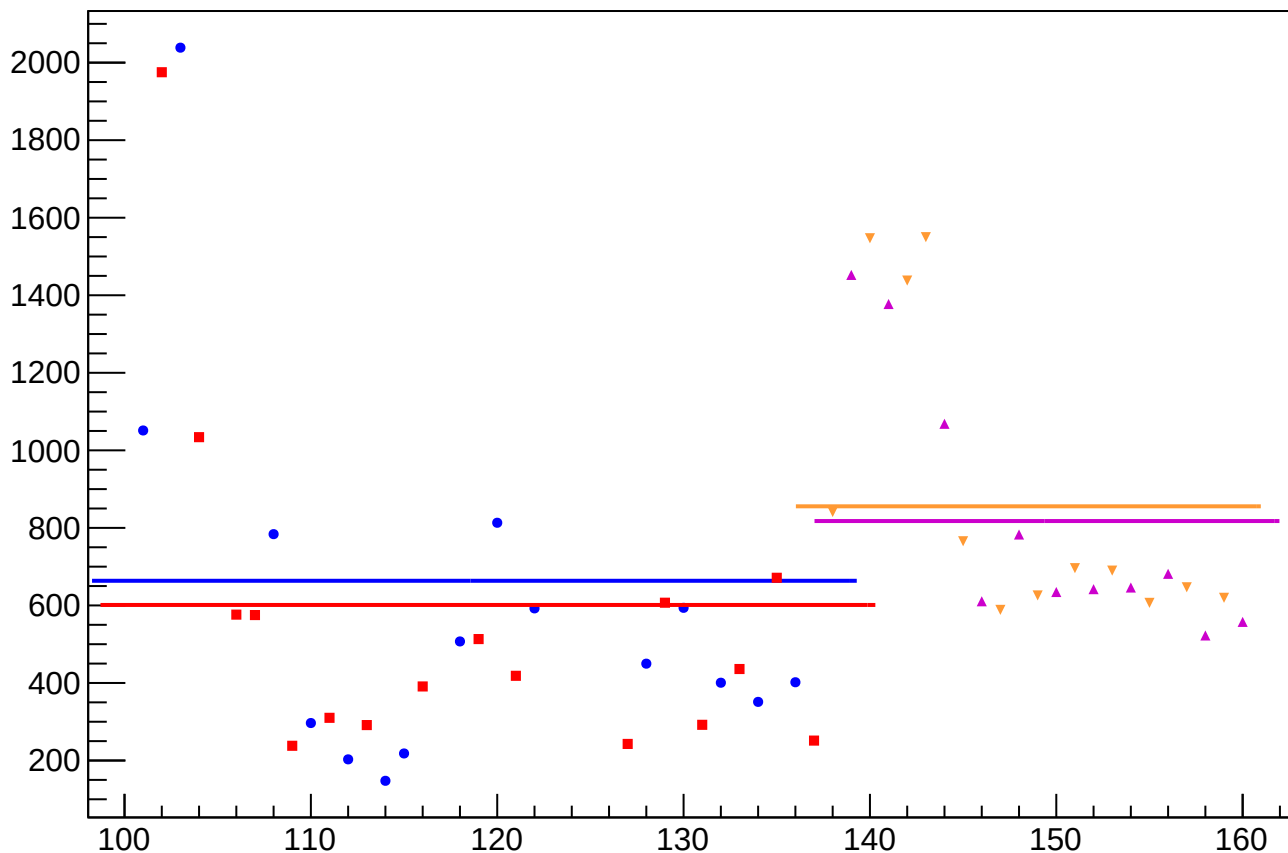
dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 51246.568+/-0.000	χ^2/NDF : 86168540614102445062046954668602534395904.0/11
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 51985.374+/-0.000	χ^2/NDF : 67172587579518863379504132116294676774912.0/10

+ sign 44467.216+/-0.000 χ^2/NDF : 2937224586407
 All: 43669.971+/-0.000 χ^2/NDF : 6336704207
 - sign 42886.756+/-0.000 χ^2/NDF : 3379785593938

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 855.627+/-0.000 χ^2/NDF : 114895226746628689144721696446463606784.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

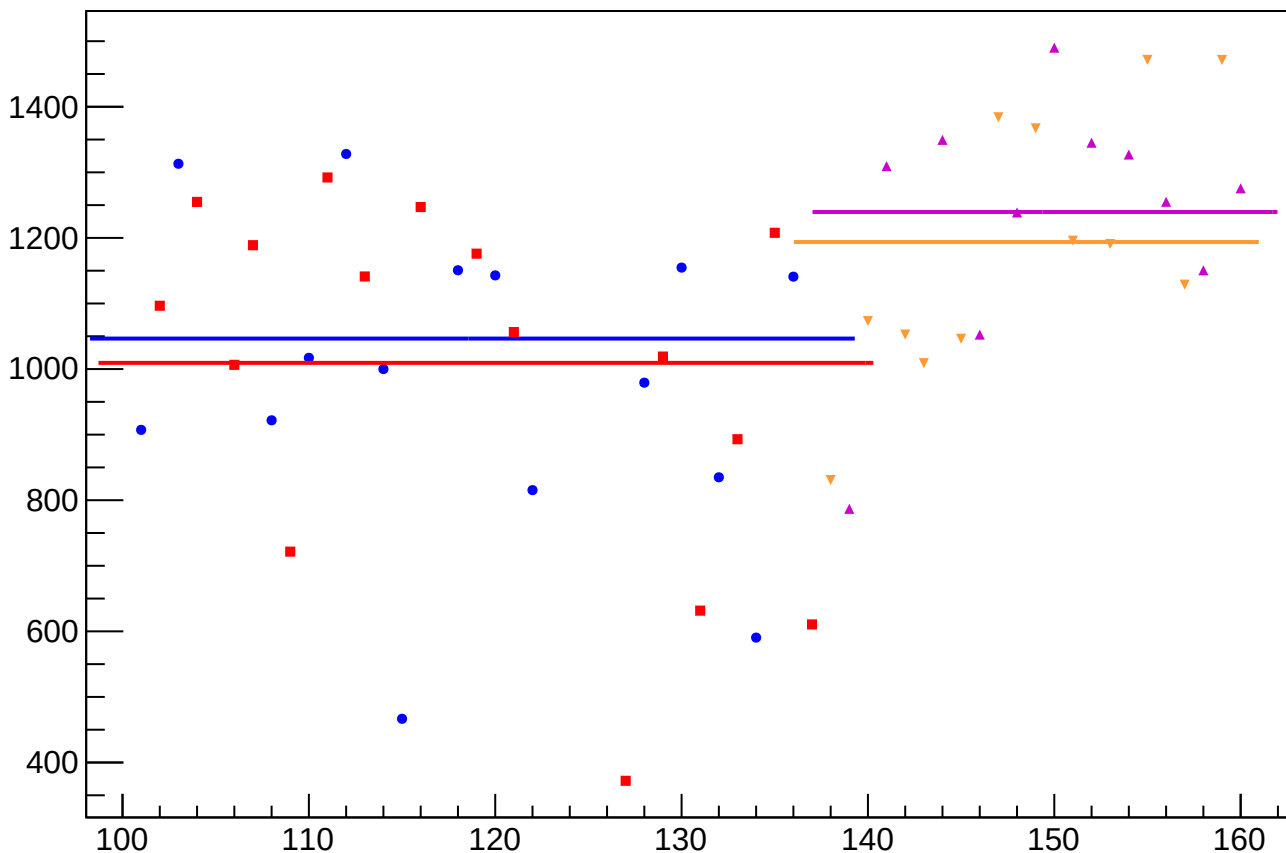
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



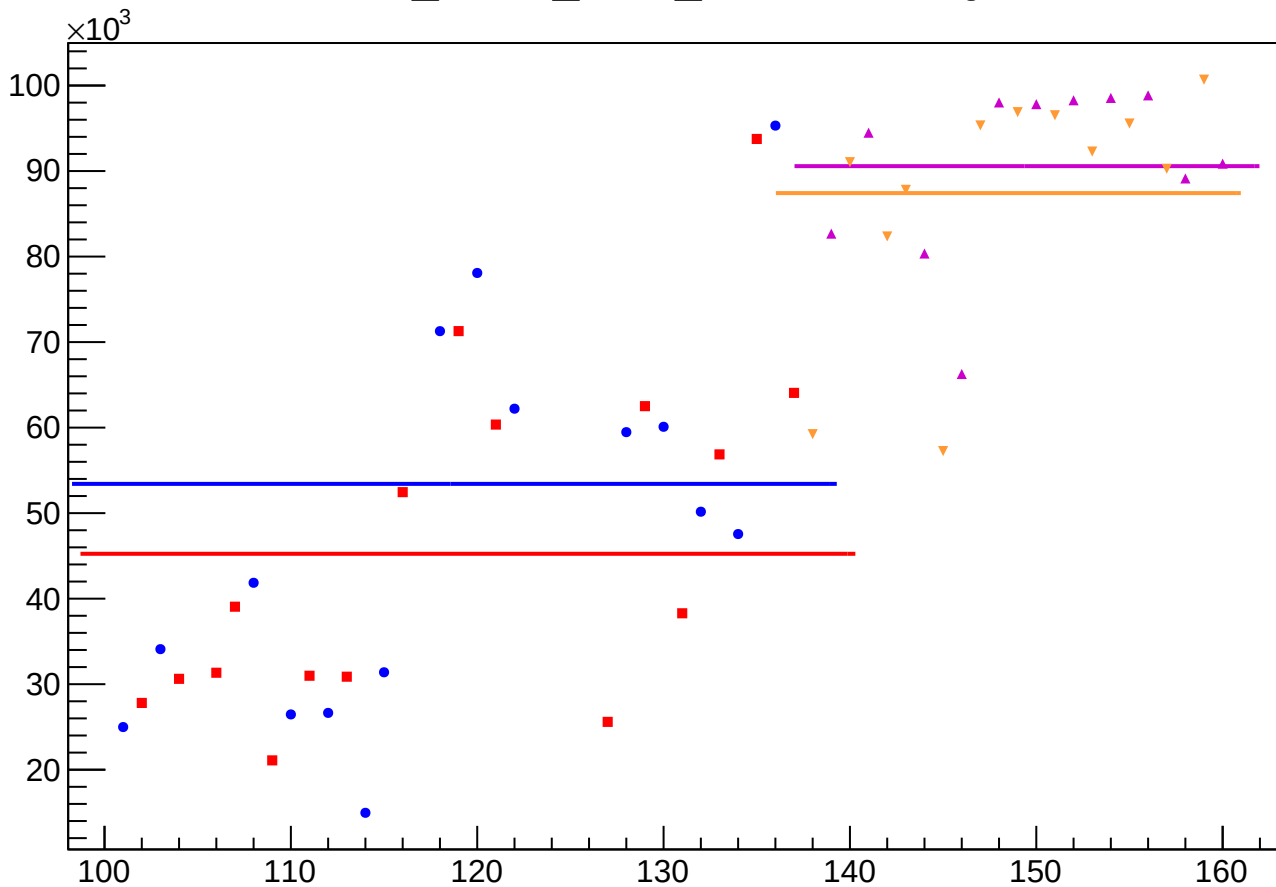
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

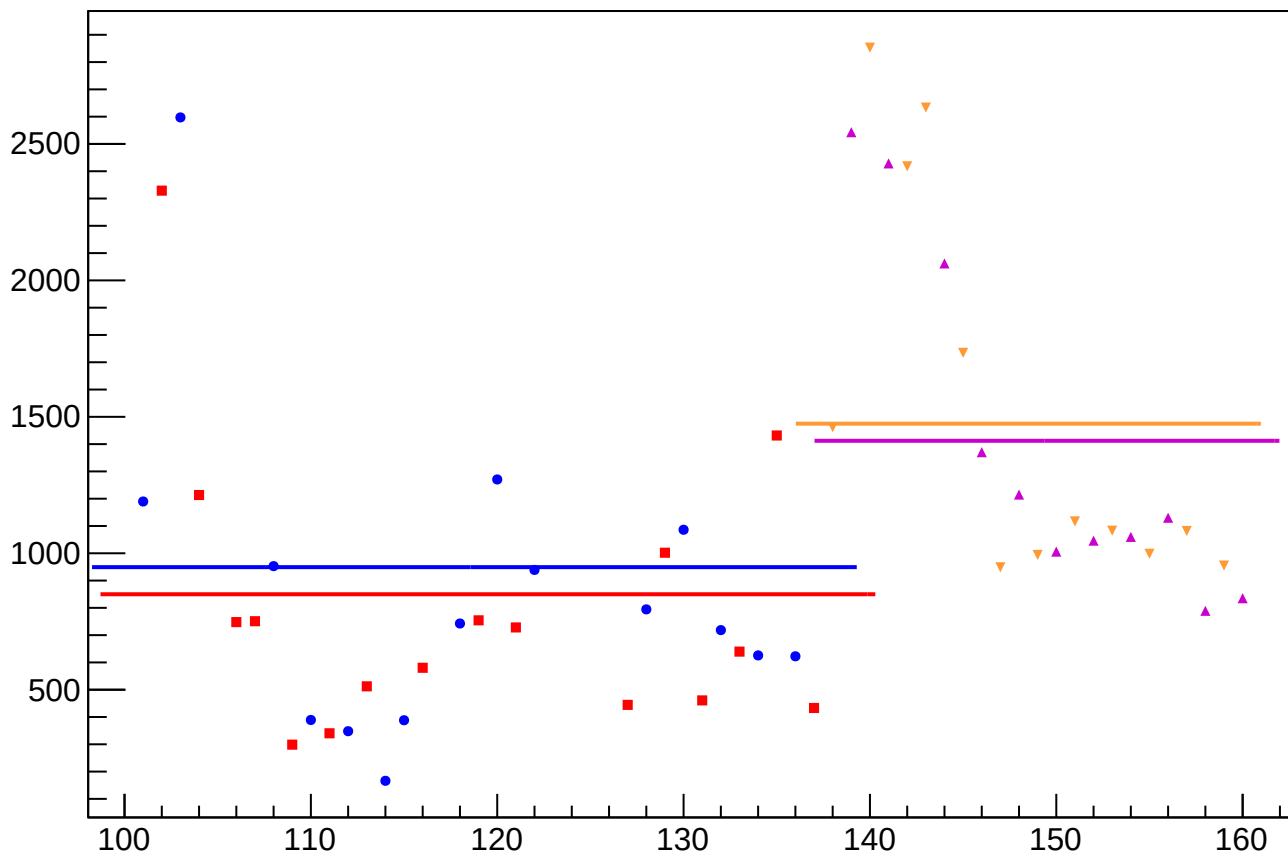
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam4_coil1_mean vs Slug



Right In: 53422.452 ± 0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 87421.965 ± 0.000 χ^2/NDF : 176009447933973172298765808269588074332160.0/11
 Right Out: 45247.617 ± 0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 90573.760 ± 0.000 χ^2/NDF : 90574081394354221593949262312406685581312.0/10

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

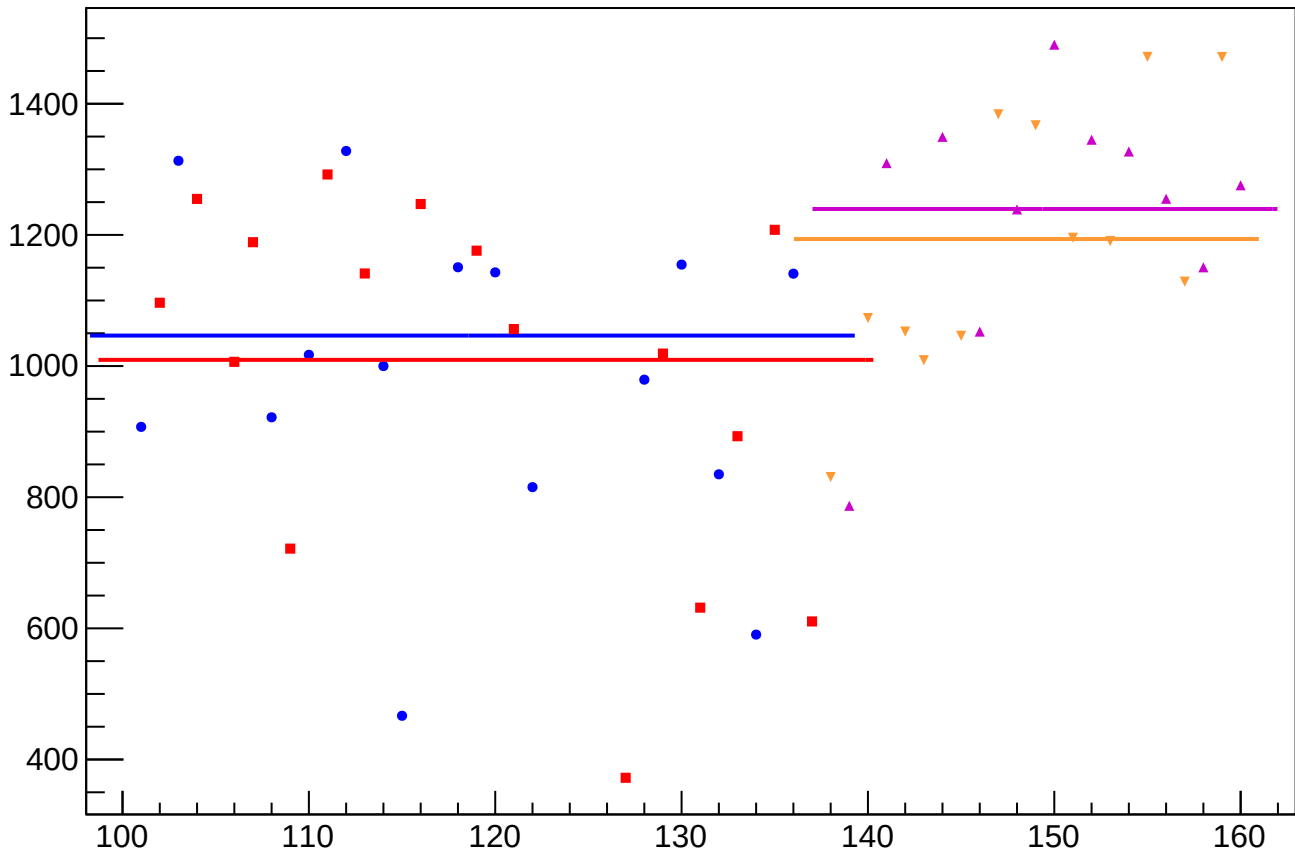
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210

All: 1216.192+/-0.000 χ^2/NDF : 14031243171

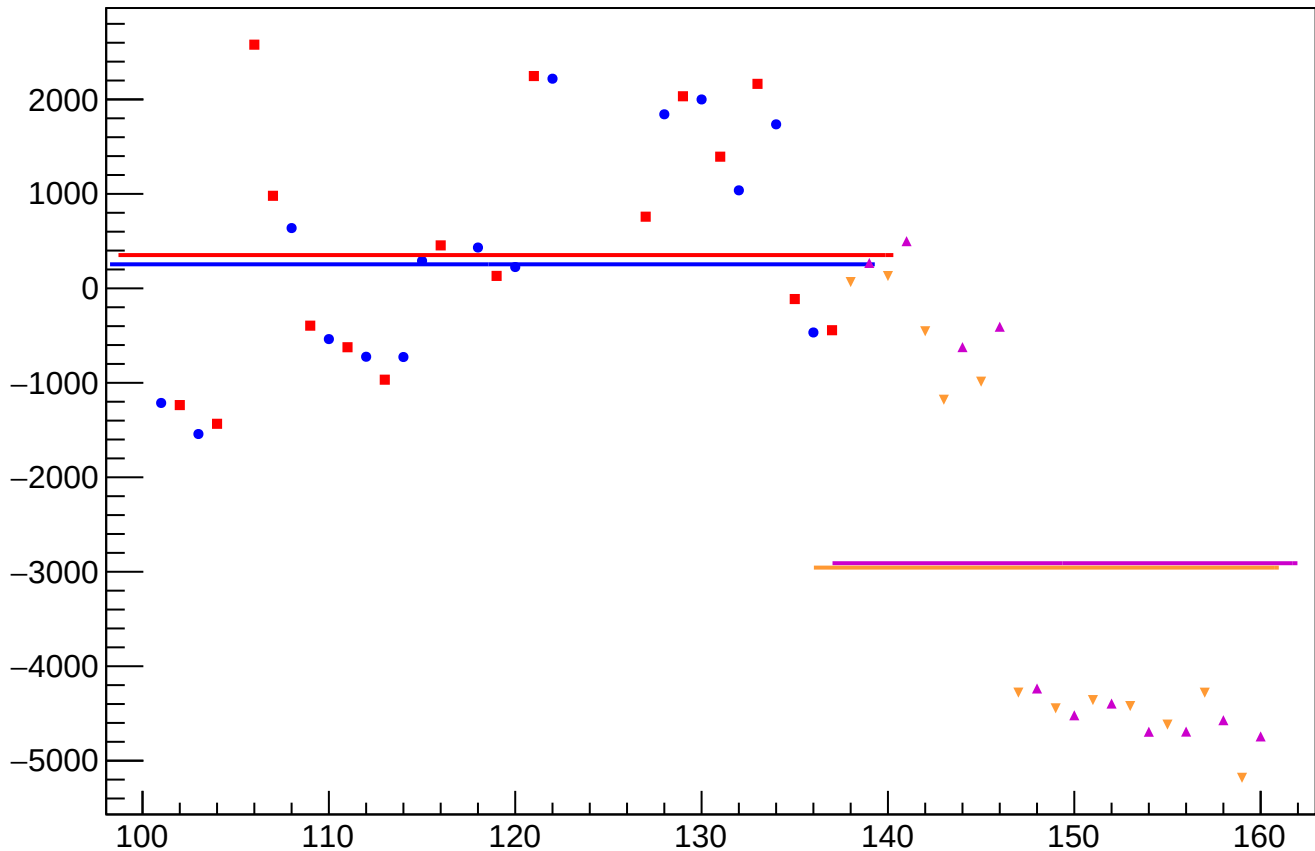
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



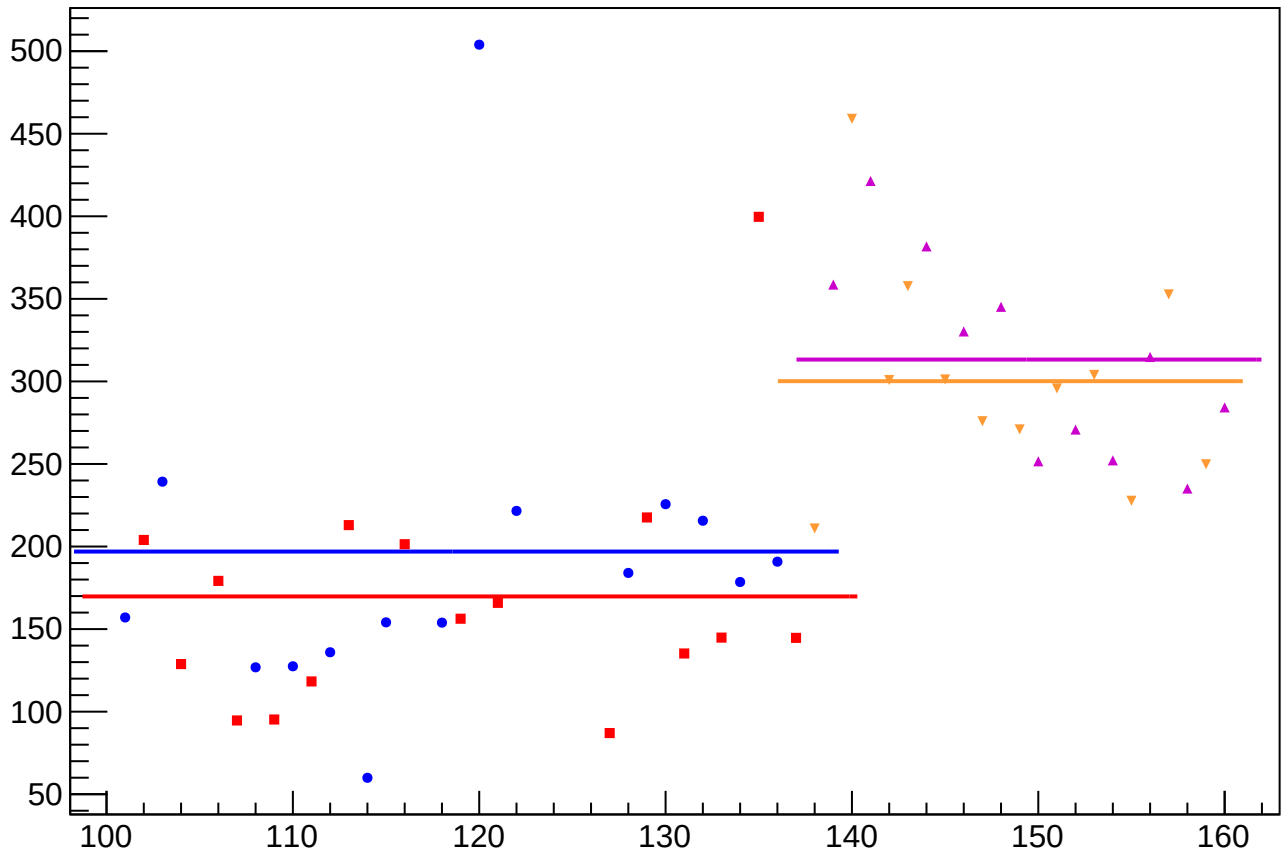
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



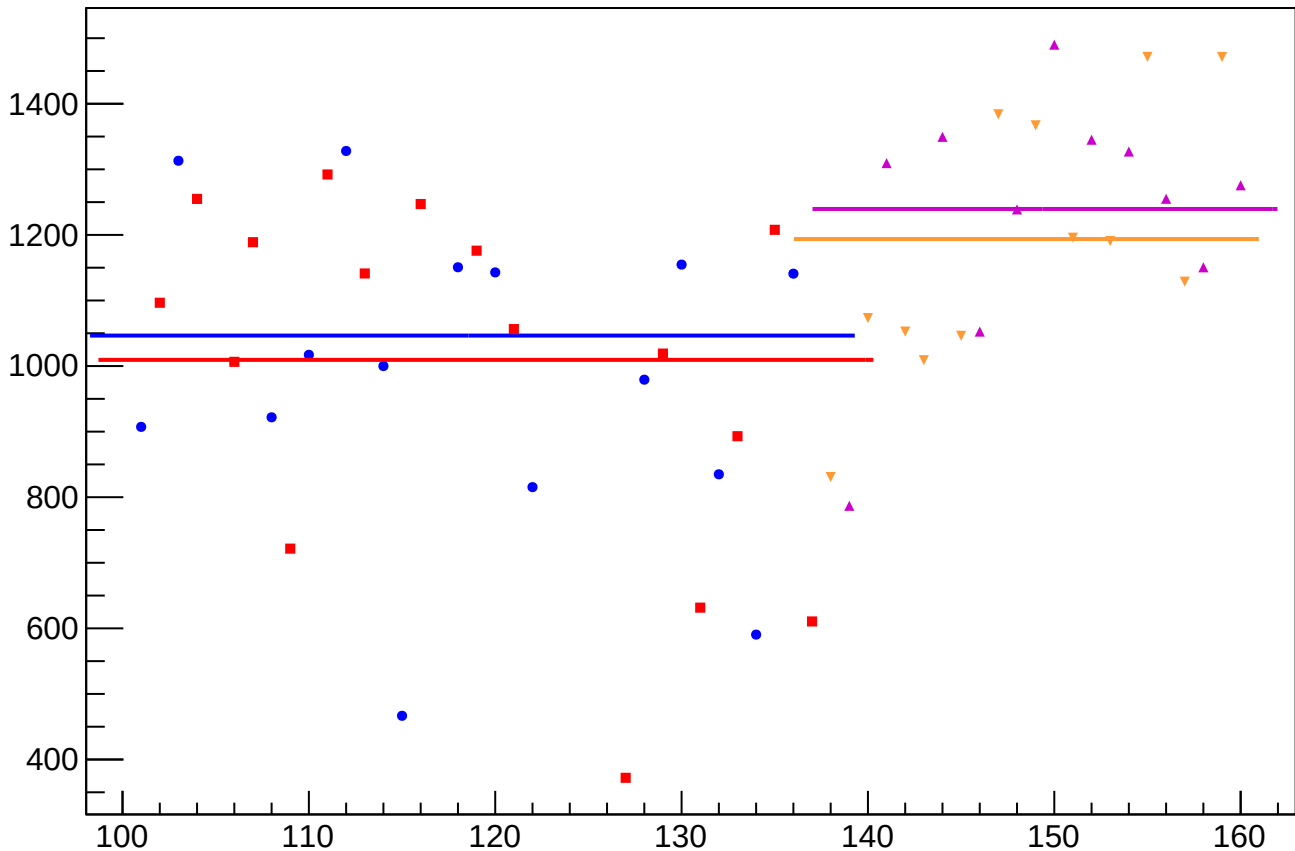
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997+/-0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



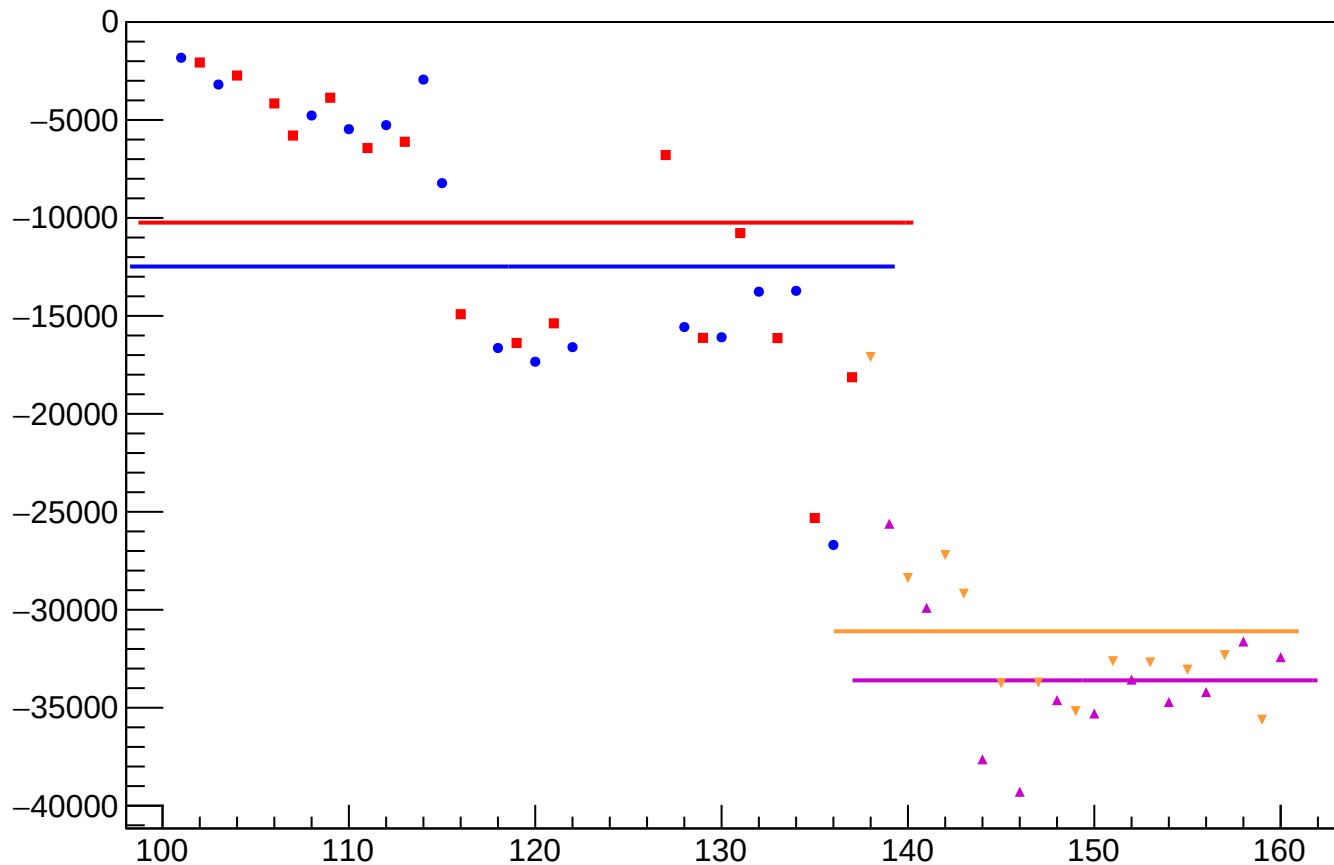
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.303+/-0.000	χ^2/NDF : 124000774019819
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11	All: 255.177+/-0.000	χ^2/NDF : 273569793225
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- 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



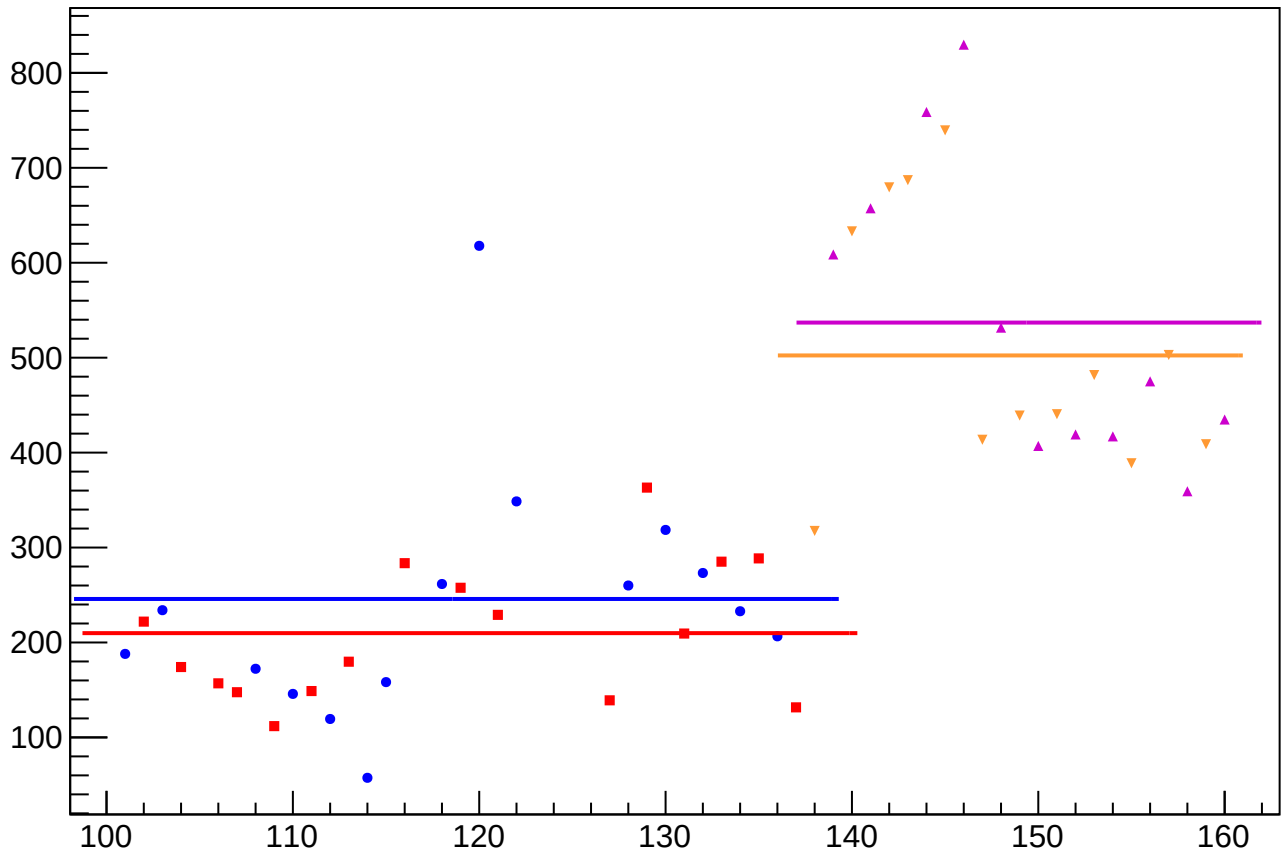
Right In: -12479.653+/-0.000	χ^2/NDF : 41178633231253805317353333973475271901184.0/14
Left Out: -31096.364+/-0.000	χ^2/NDF : 21759430970673179273891990313759368282112.0/11
Right Out: -10238.098+/-0.000	χ^2/NDF : 31227861126159534031961501923223718068224.0/15
Left In: -33603.125+/-0.000	χ^2/NDF : 11377877741280377988076632069746943066112.0/10

+ sign -23366.201+/-0.000 χ^2/NDF : 194472008437

All: -23588.925+/-0.000 χ^2/NDF : 448707023

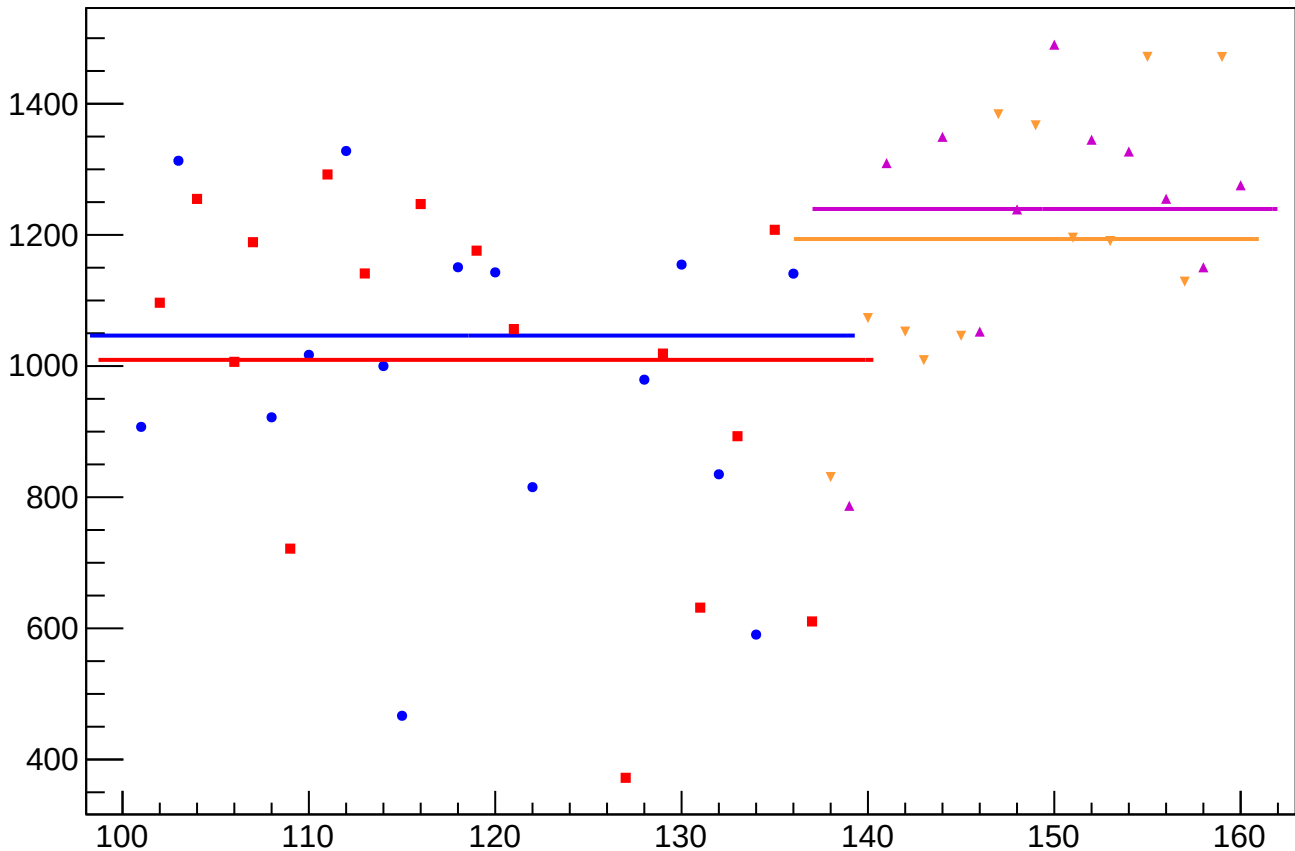
- sign -23807.730+/-0.000 χ^2/NDF : 2540813105175

dit_sam6_coil1_err_mean vs Slug



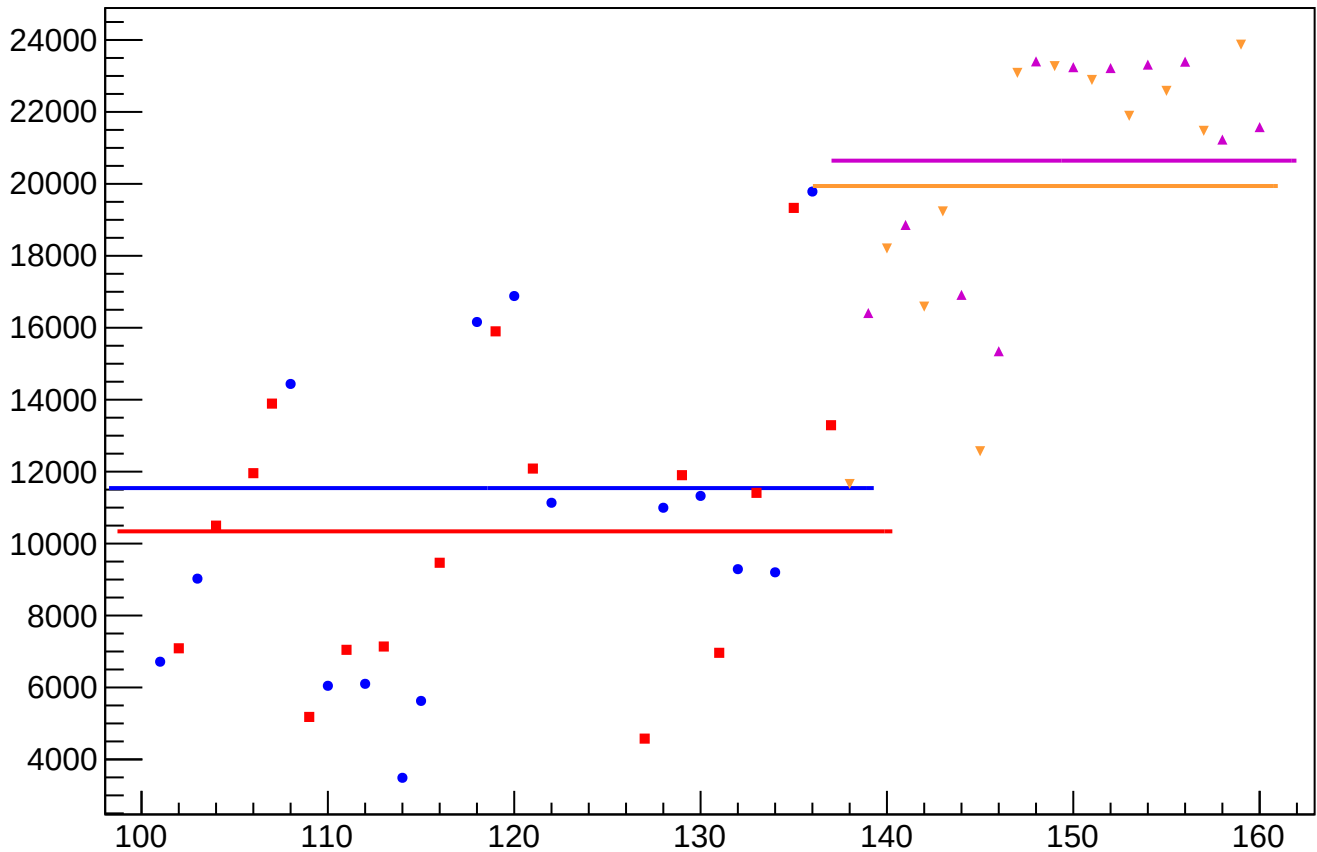
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 395.846+/-0.000	χ^2/NDF : 479955291741577
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11	All: 397.856+/-0.000	χ^2/NDF : 113394044527
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- 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

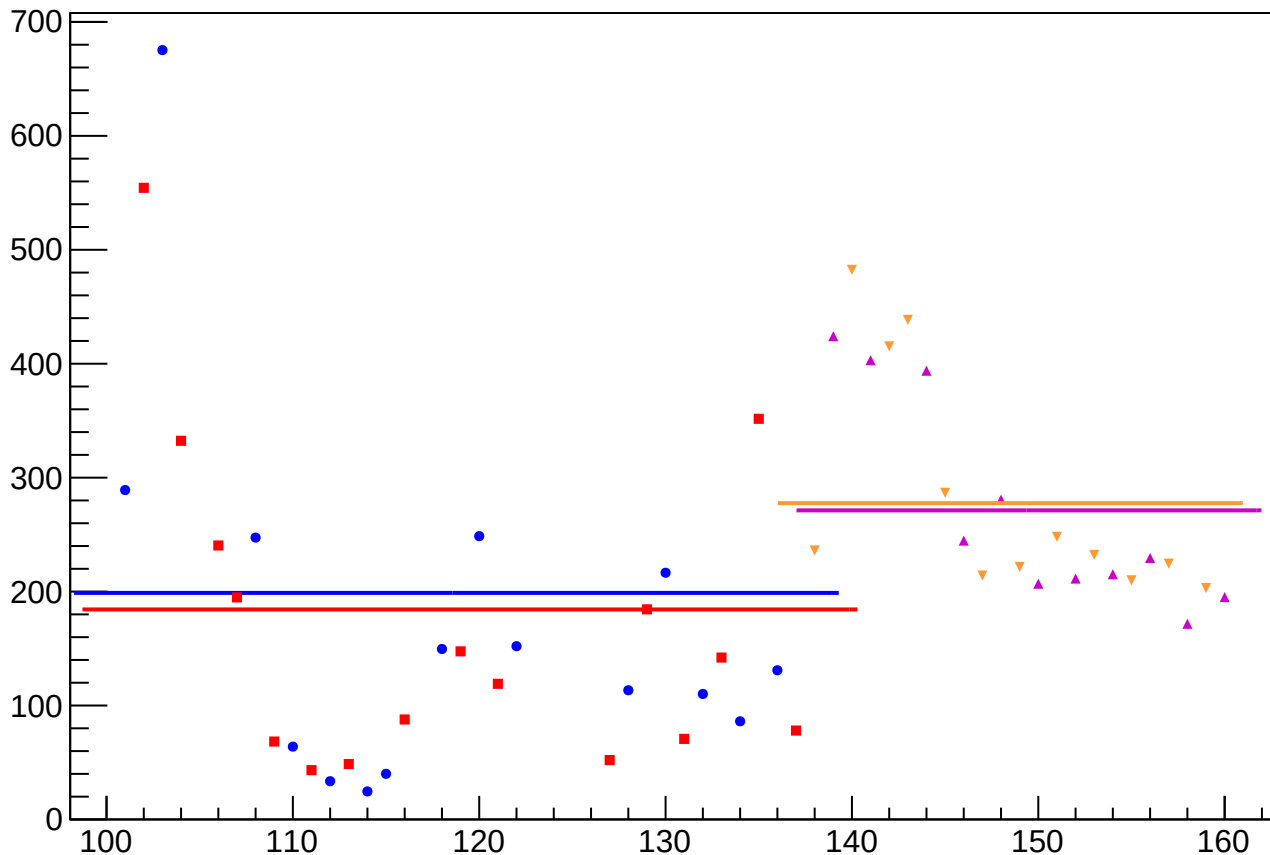
dit_sam7_coil1_mean vs Slug



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

+ sign 16453.470+/-0.000 χ^2/NDF : 5606673689556
 All: 16388.663+/-0.000 χ^2/NDF : 1169361701
 - sign 16324.997+/-0.000 χ^2/NDF : 6085641974902

dit_sam7_coil1_err_mean vs Slug



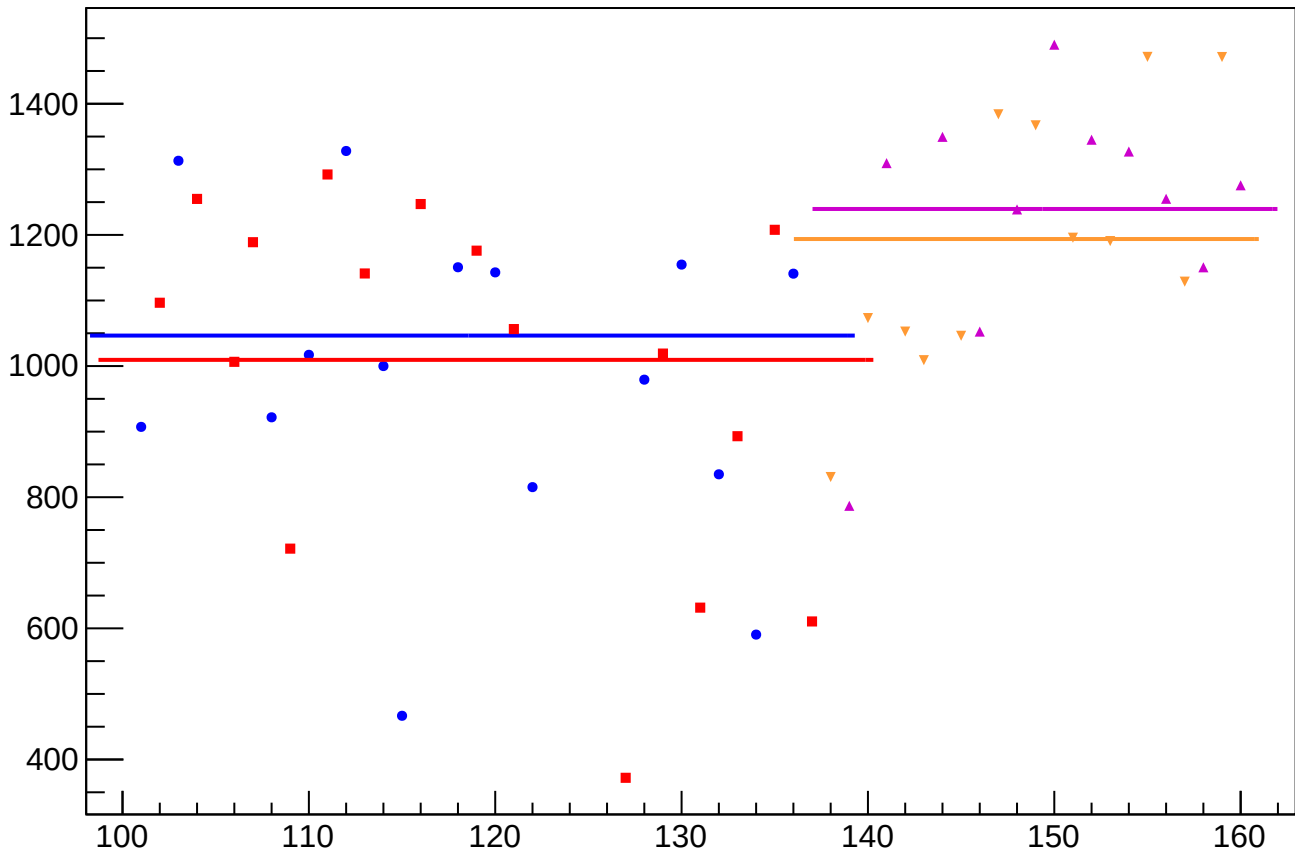
Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 277.638+/-0.000 χ^2/NDF : 8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

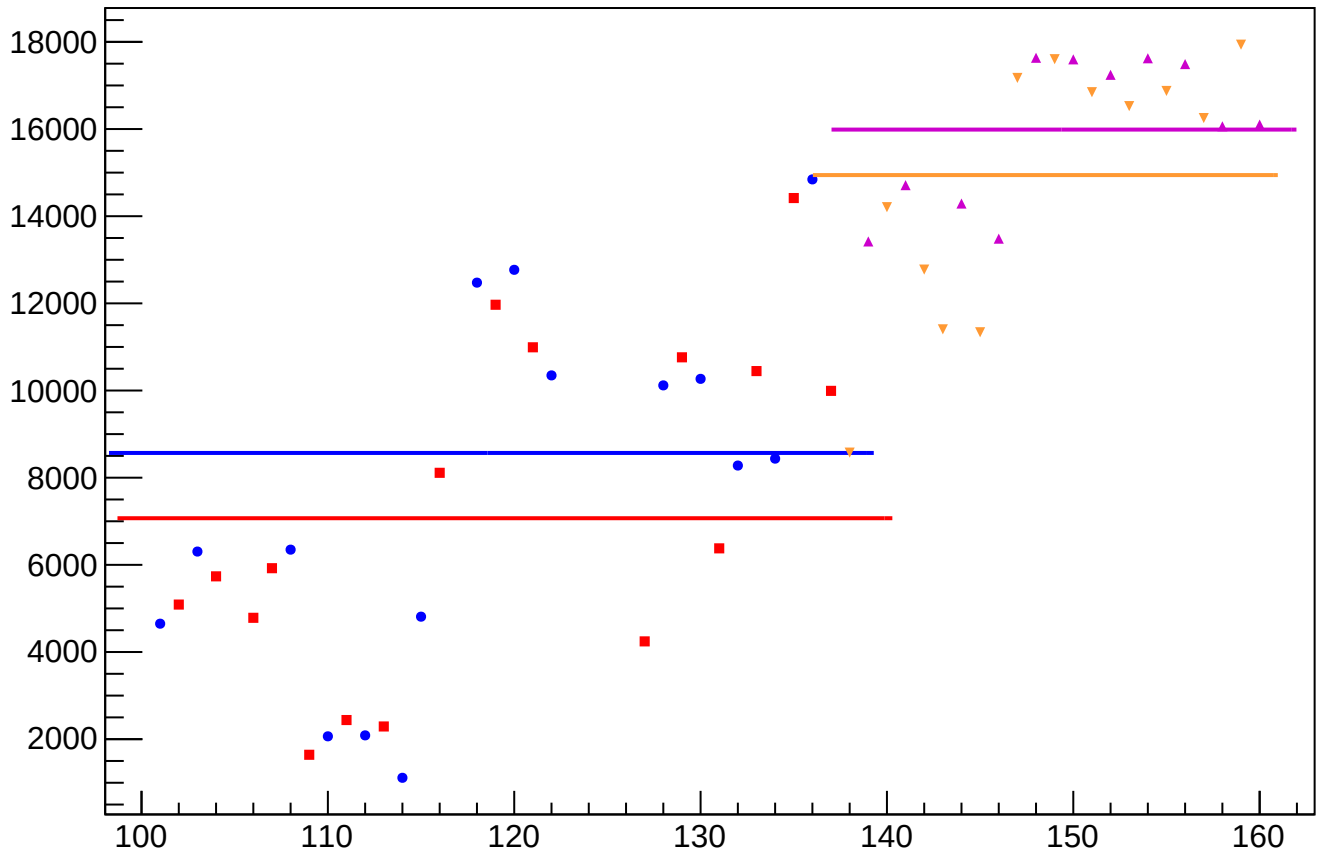
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

dit_sam7_coil1_Ndata_mean vs Slug



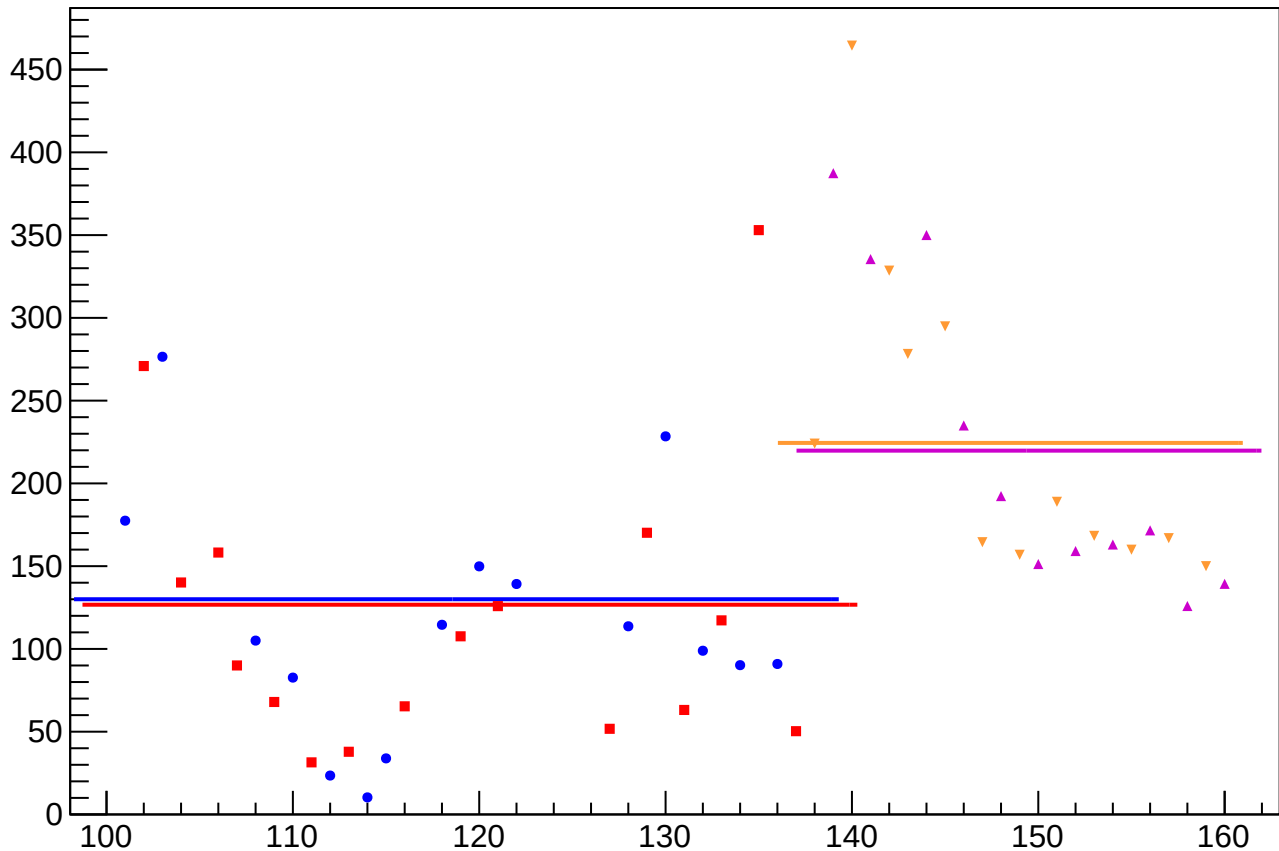
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 247039342825481572862908332629999124480.0/10

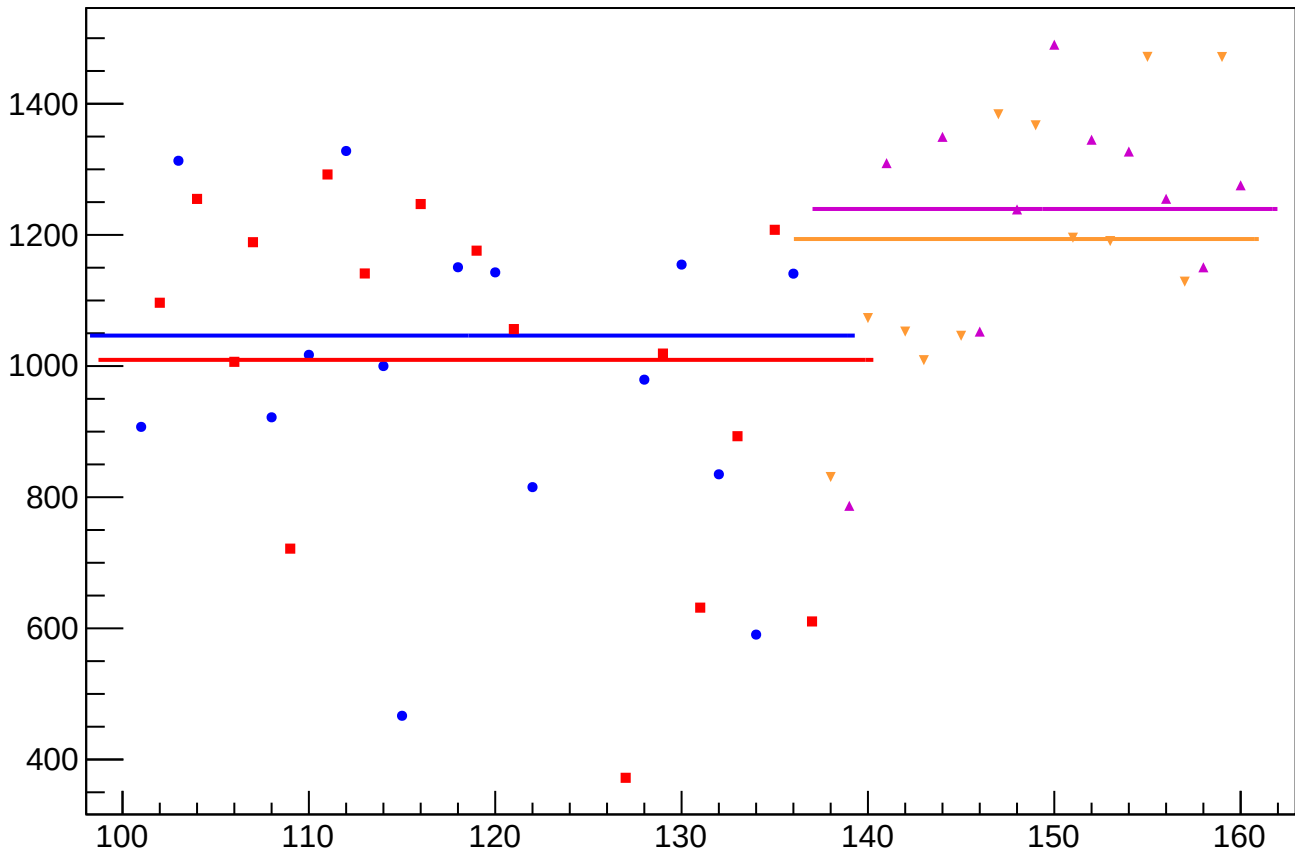
dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000	χ^2/NDF : 3115259987552341725946418665378283520.0/14
Left Out: 224.458+/-0.000	χ^2/NDF : 7870394140048491055430374232164401152.0/11
Right Out: 126.709+/-0.000	χ^2/NDF : 5397122581297664561308621600668516352.0/15
Left In: 219.787+/-0.000	χ^2/NDF : 7418609629454172879787970620999860224.0/10

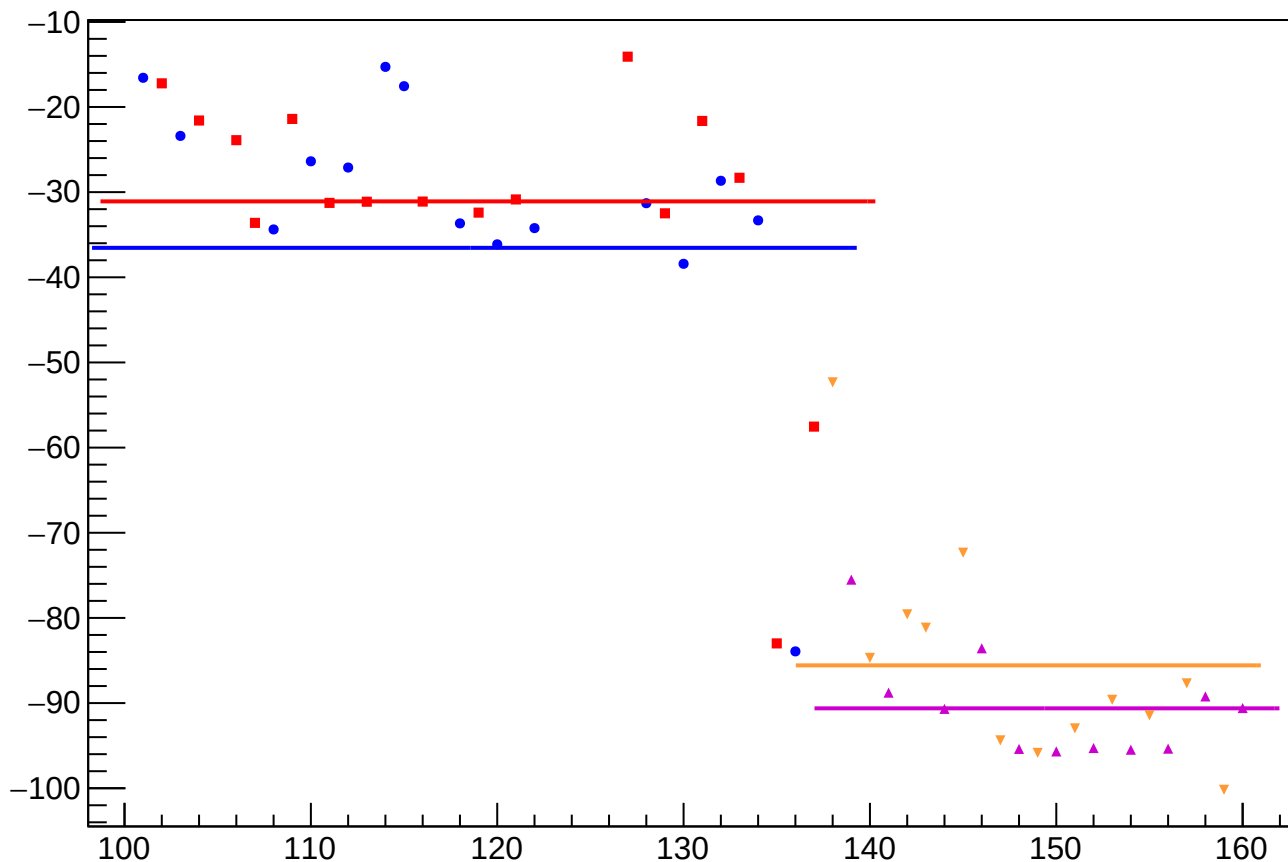
+ sign 185.245+/-0.000 χ^2/NDF : 143703436446713
 All: 182.985+/-0.000 χ^2/NDF : 30557896618
 - sign 180.765+/-0.000 χ^2/NDF : 161717315752514

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540 ± 0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -85.570 ± 0.000 χ^2/NDF : 143557776257547990865591640732467200.0/11

Right Out: -31.085 ± 0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

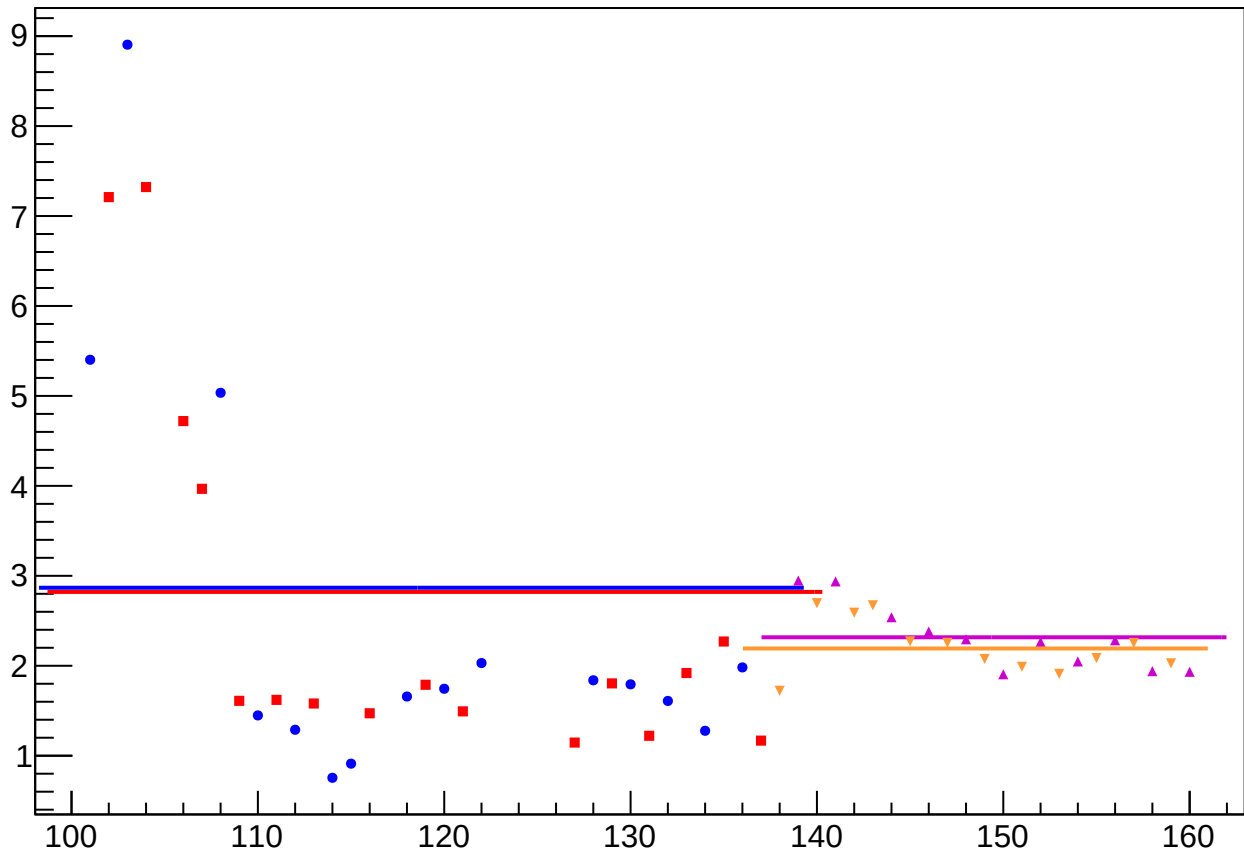
Left In: -90.618 ± 0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212 ± 0.000 χ^2/NDF : 131026728865009

All: -65.438 ± 0.000 χ^2/NDF : 289770508585

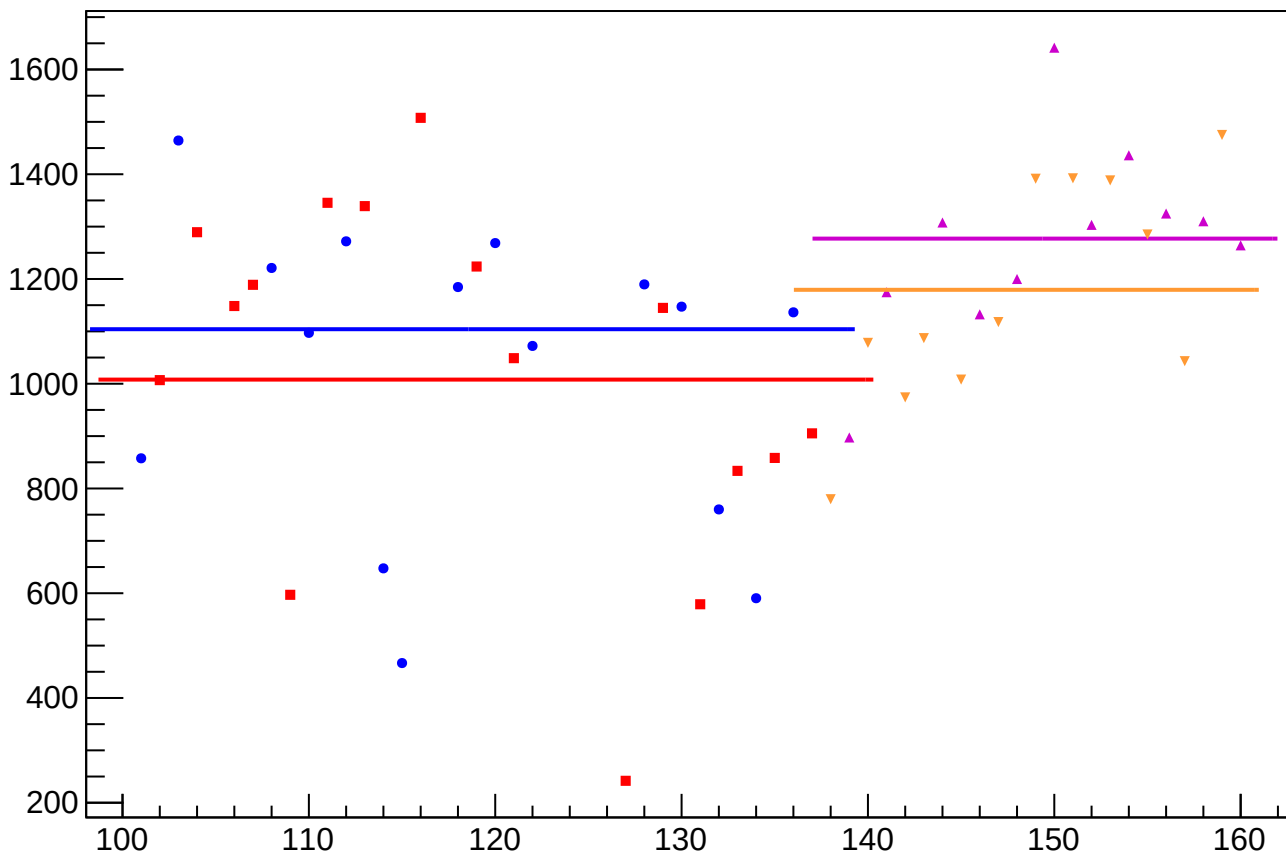
- sign -65.660 ± 0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 +/- 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 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

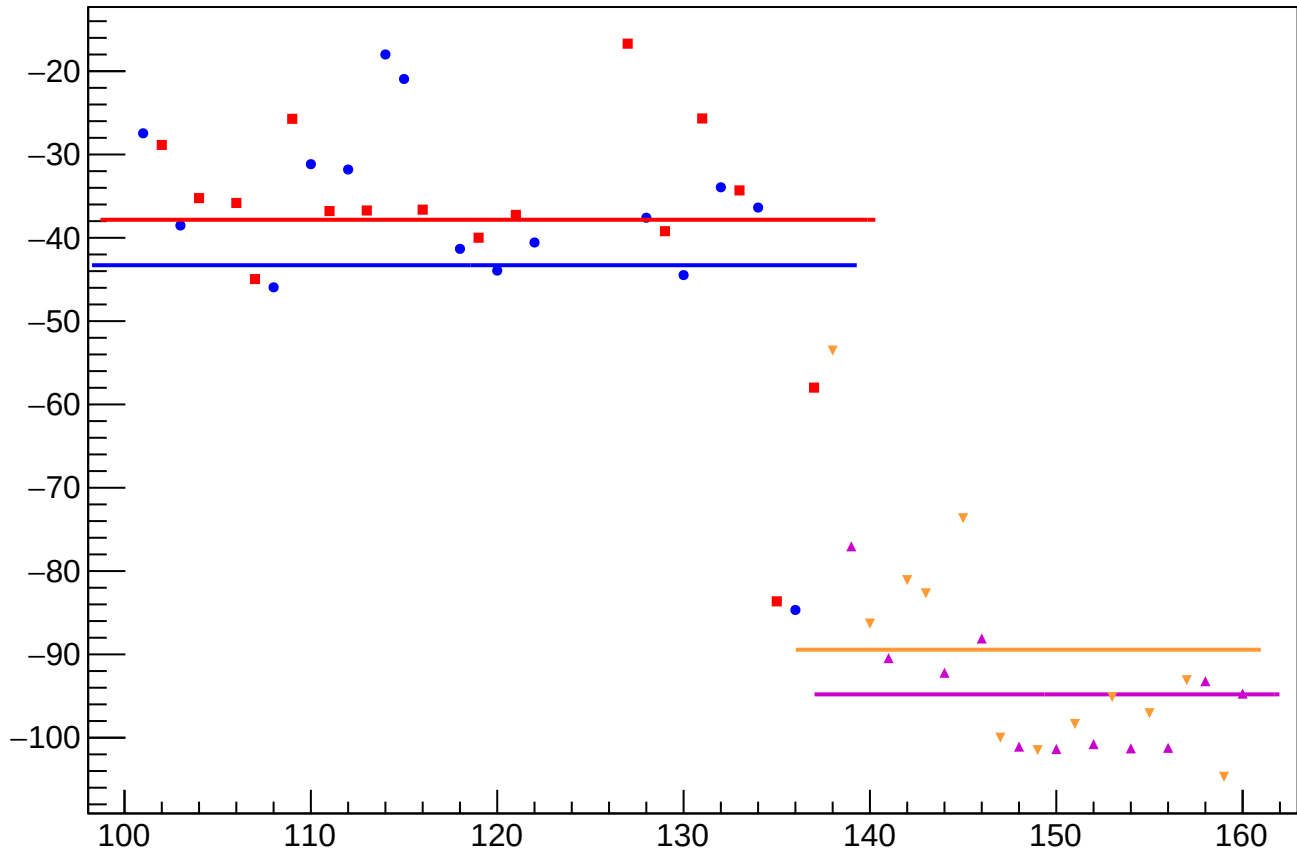
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

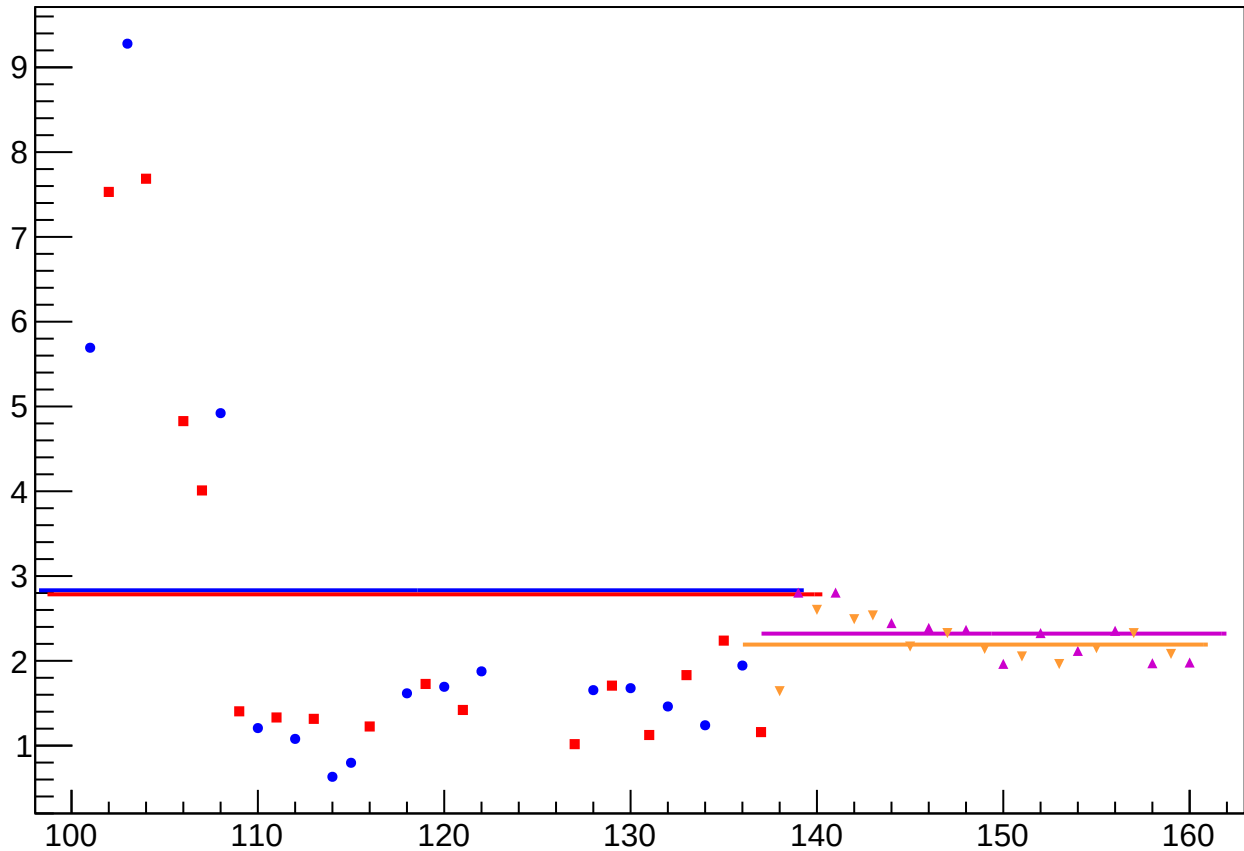
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 $\pm$ 0.000 χ^2 /NDF: 3957672531929017328512564323155968.0/14

Left Out: 2.192 $\pm$ 0.000 χ^2 /NDF: 59601559247415008947816525463552.0/11

Right Out: 2.784 $\pm$ 0.000 χ^2 /NDF: 3589544956108116898091236897849344.0/15

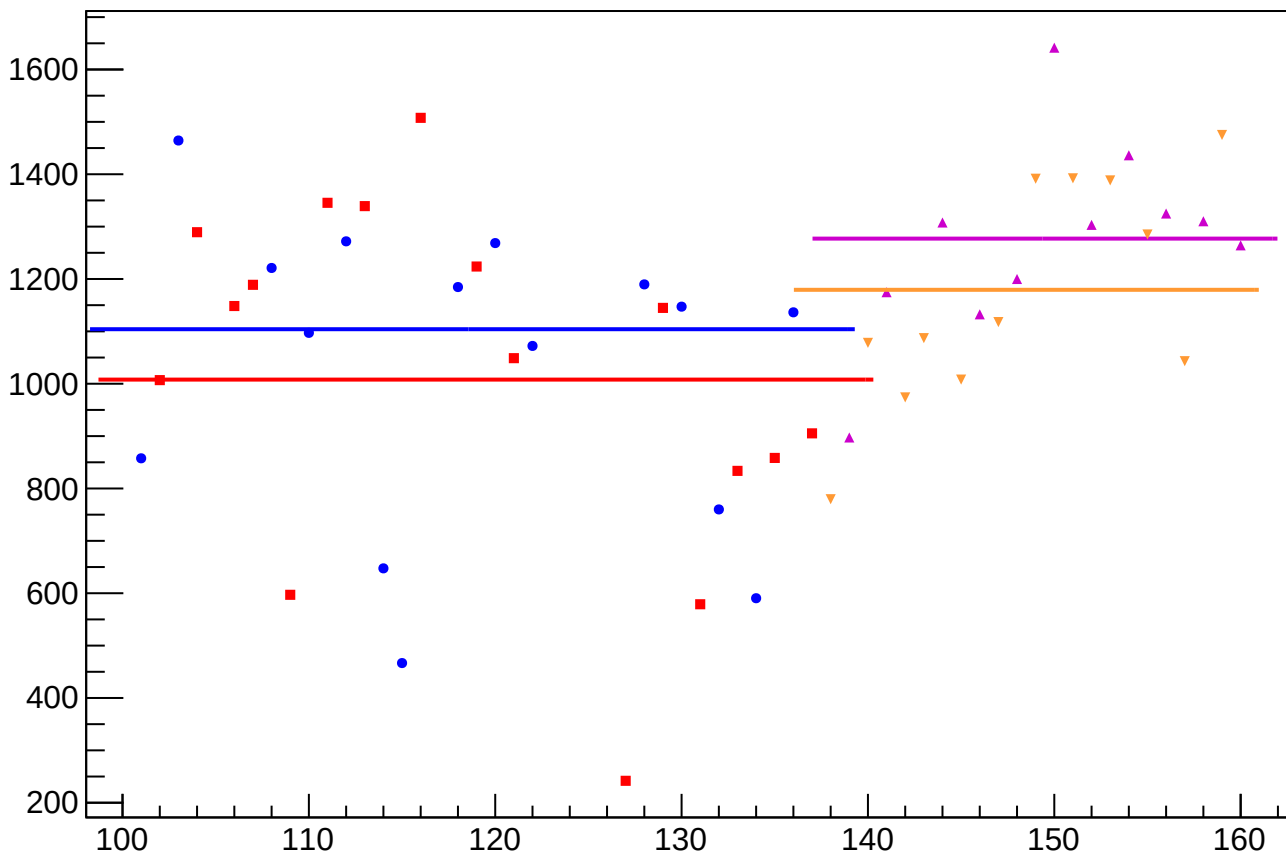
Left In: 2.321 $\pm$ 0.000 χ^2 /NDF: 74619123224616324544404505231360.0/10

+ sign 2.458 $\pm$ 0.000 χ^2 /NDF: 41727539916182850

All: 2.487 $\pm$ 0.000 χ^2 /NDF: 79226954476556

- sign 2.515 $\pm$ 0.000 χ^2 /NDF: 37473289103826657

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

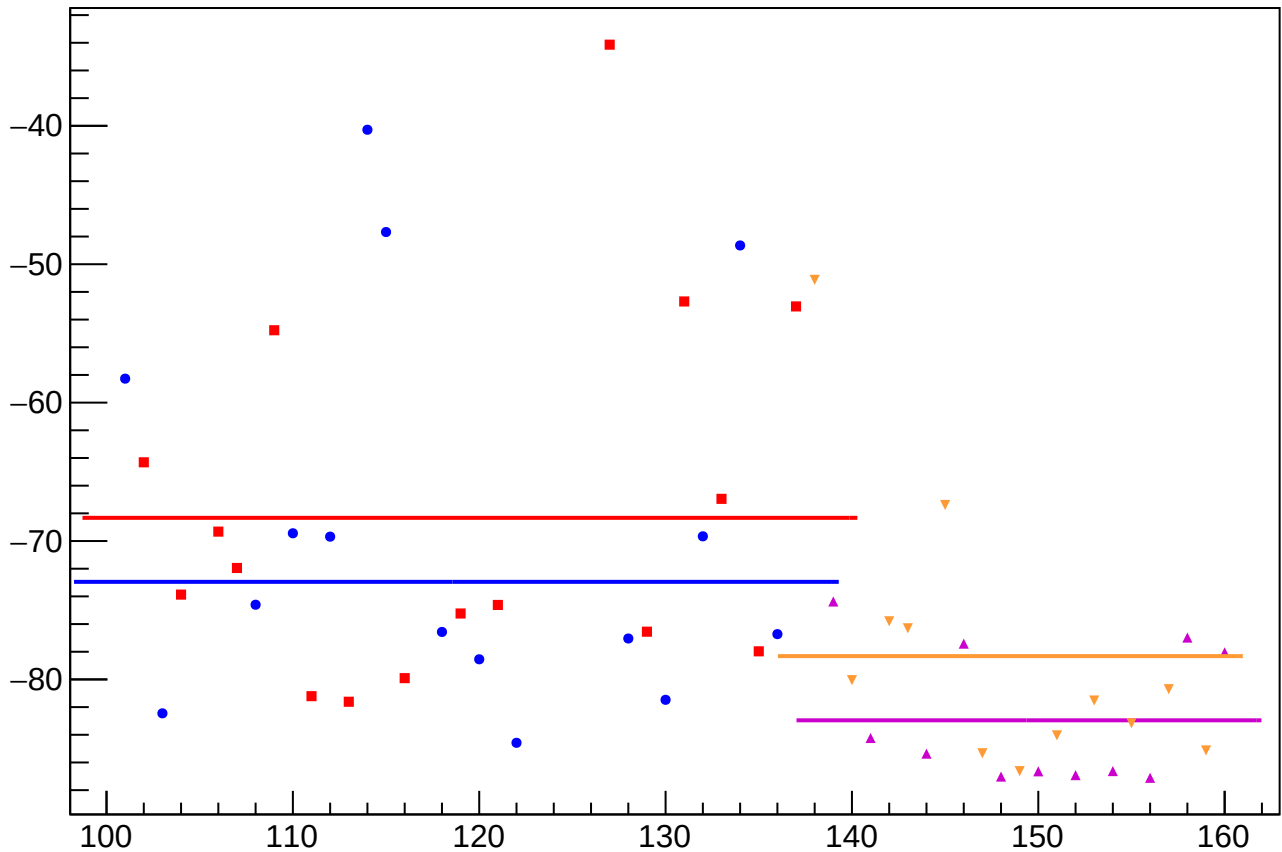
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

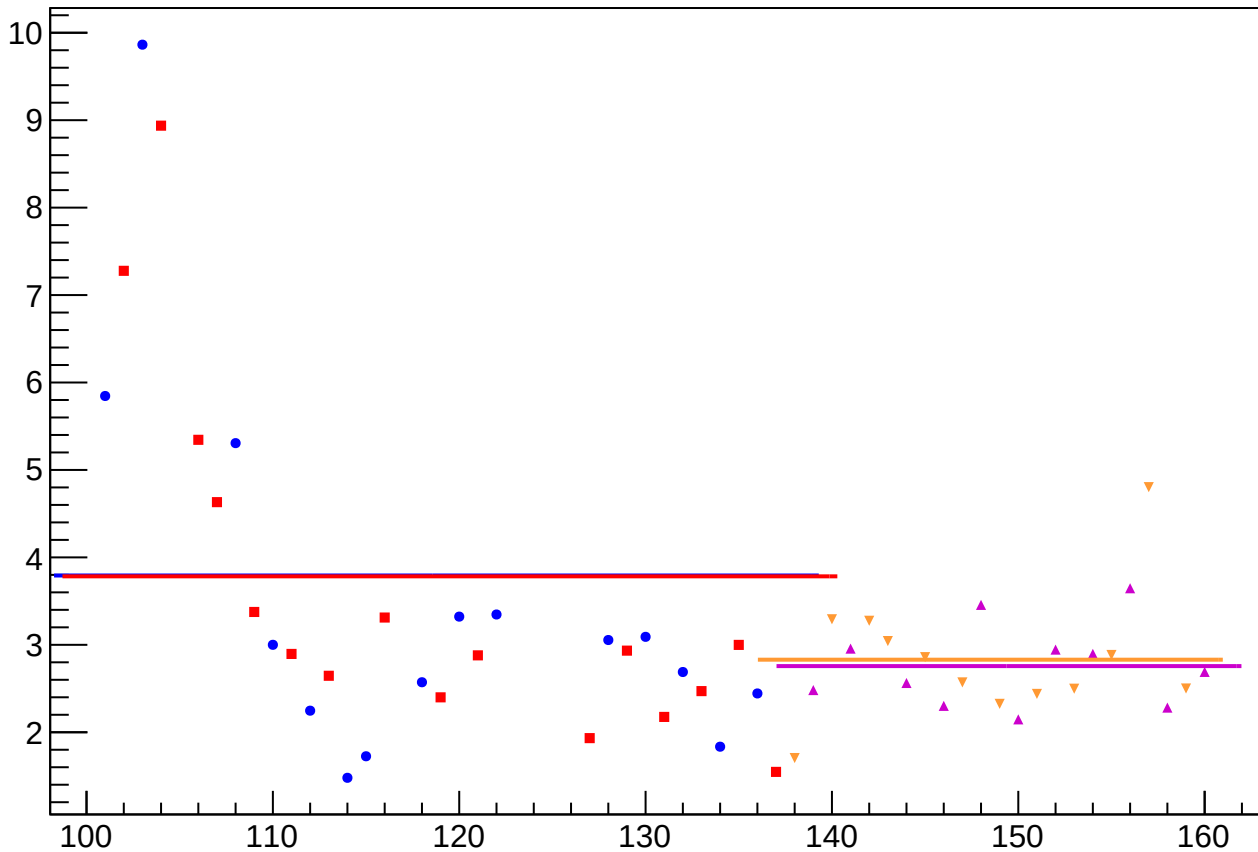
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_11X12X_coil3_mean vs Slug



Right In: -72.949 ± 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -78.317 ± 0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11
 Right Out: -68.324 ± 0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15
 Left In: -82.954 ± 0.000 χ^2/NDF : 2041915777487297849205303170564096.0/10
 All: -76.457 ± 0.000 χ^2/NDF : 374001309343
 - sign: -76.820 ± 0.000 χ^2/NDF : 2100293287177657

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14

Left Out: 2.830+/-0.000 χ^2/NDF : 492749026028838907947829621161984.0/11

Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15

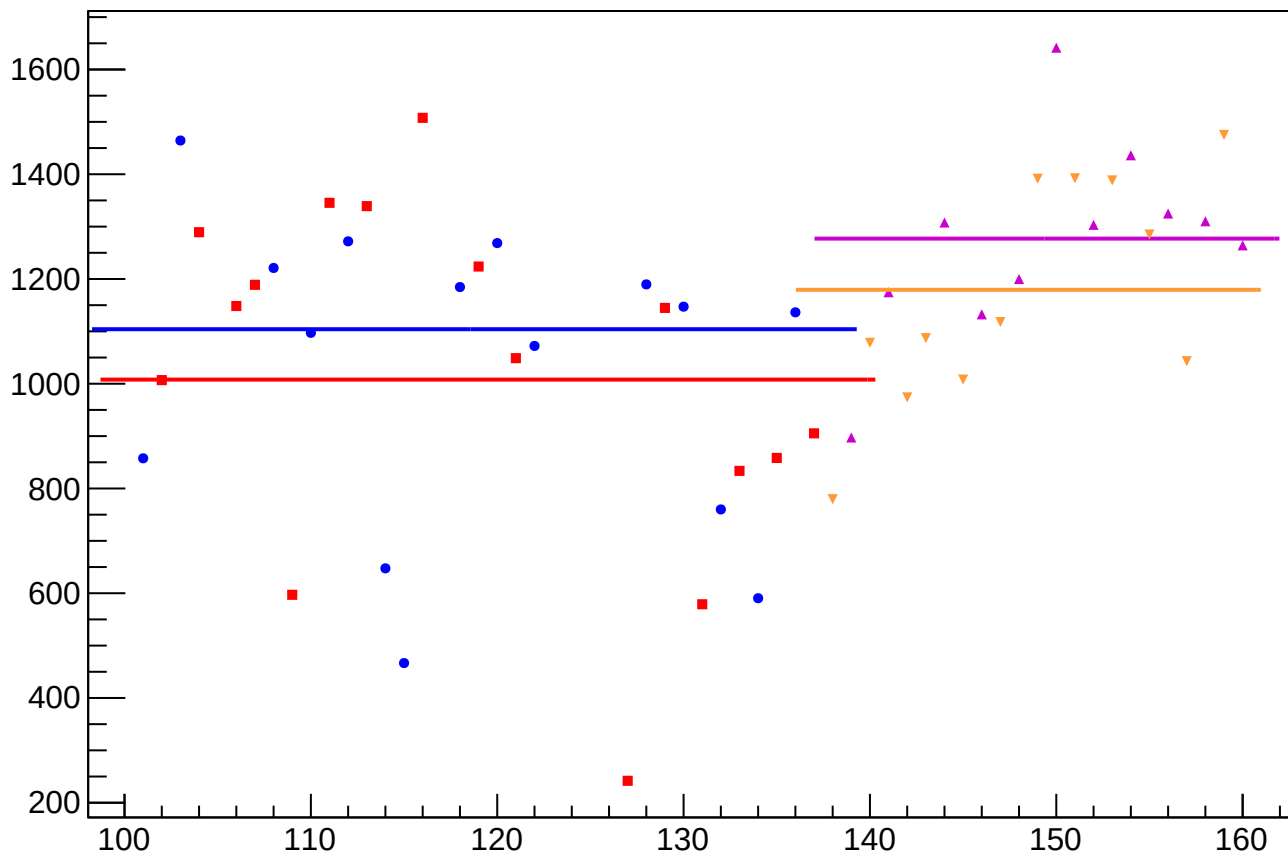
Left In: 2.757+/-0.000 χ^2/NDF : 191720746547732306226054042746880.0/10

+ sign 3.230+/-0.000 χ^2/NDF : 40499634986403731

All: 3.208+/-0.000 χ^2/NDF : 75298705814008

- sign 3.187+/-0.000 χ^2/NDF : 34784647083313673

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

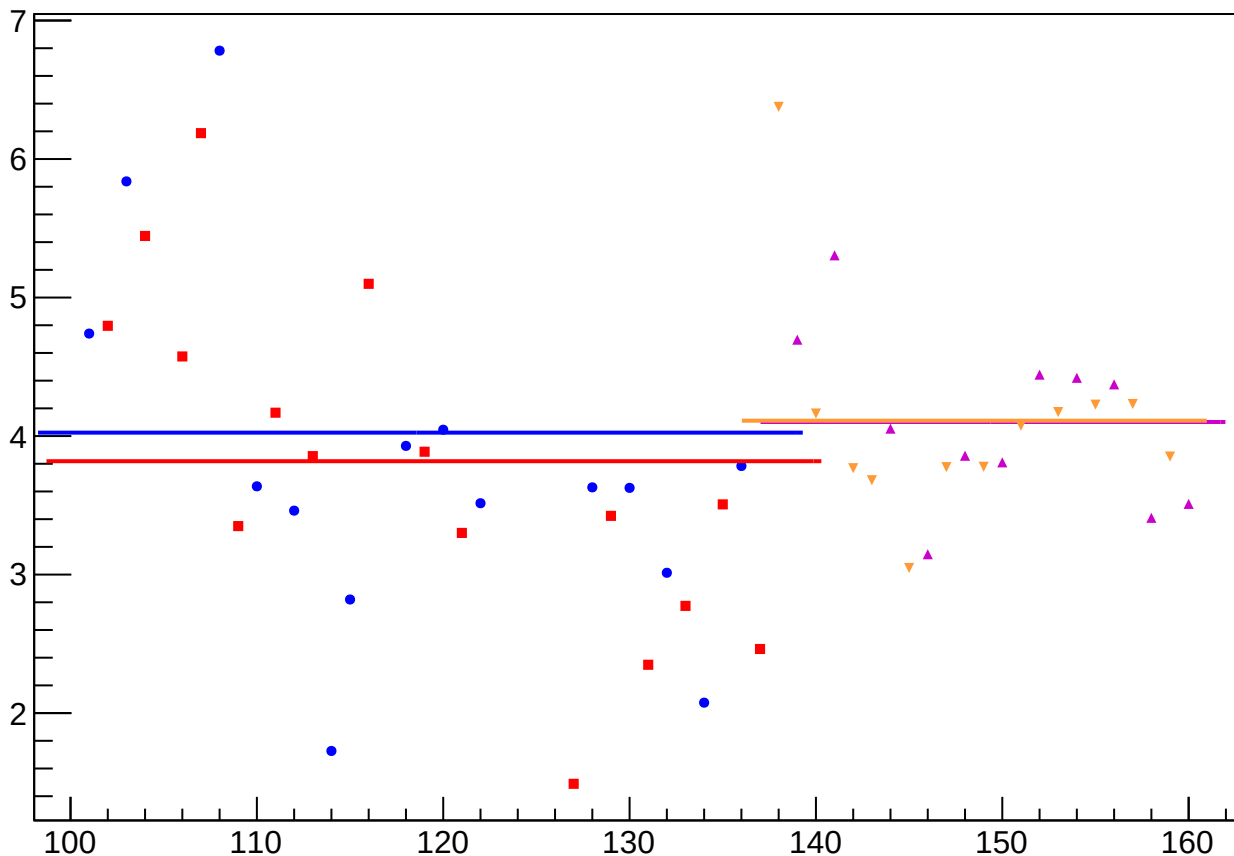
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.111+/-0.000 χ^2/NDF : 532620096510613693690902891986944.0/11

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

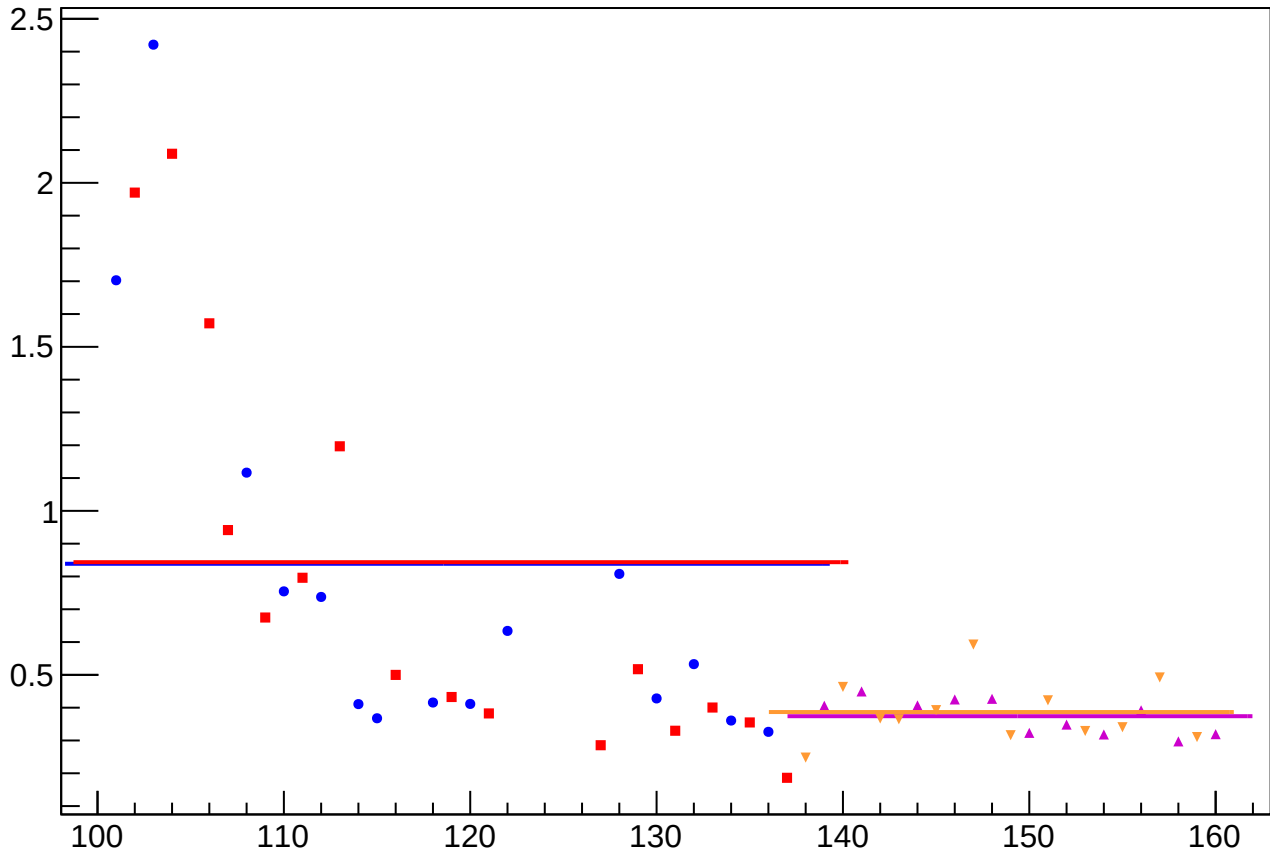
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ sign 4.075+/-0.000 χ^2/NDF : 13044380384615704

All: 4.029+/-0.000 χ^2/NDF : 2560414246886

- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

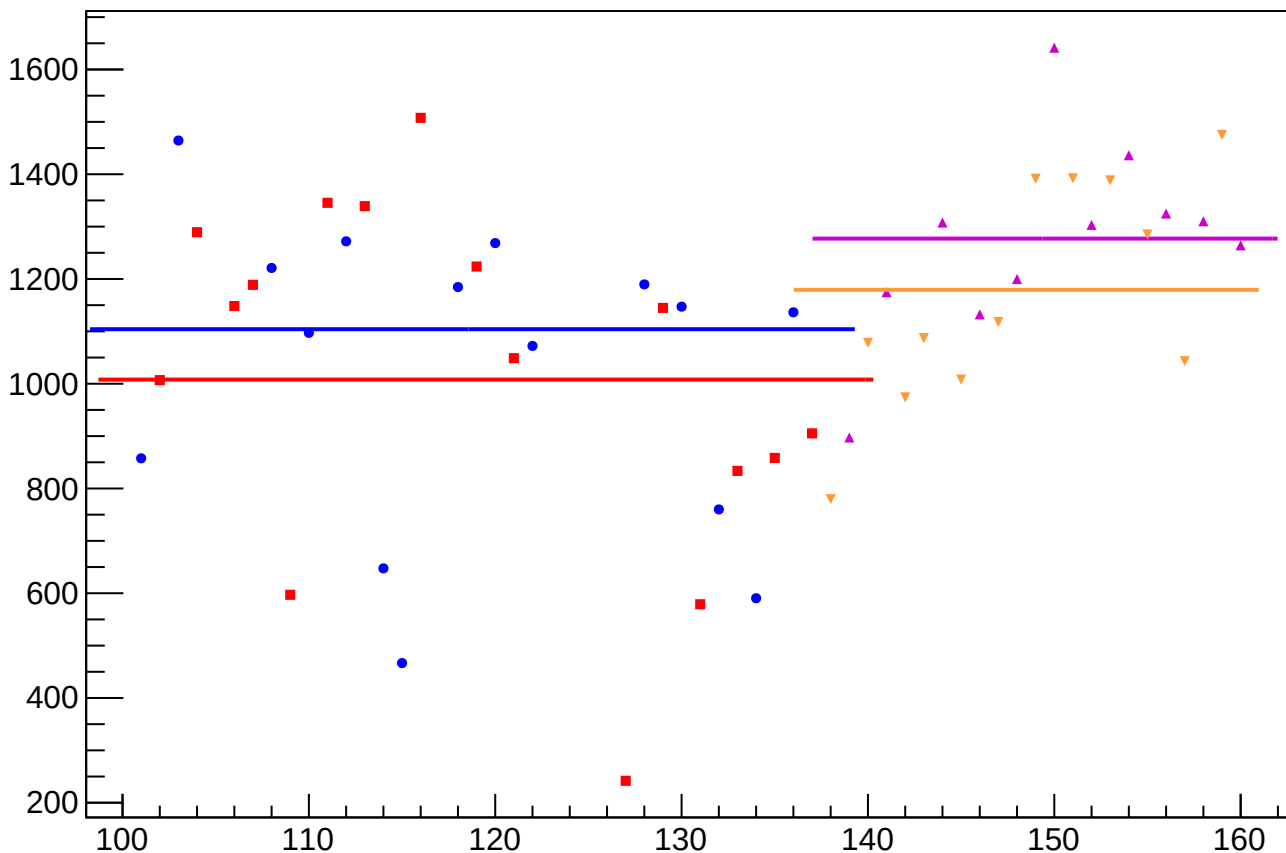
dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 ± 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14
 Left Out: 0.387 ± 0.000 χ^2/NDF : 7656532010606705303389852401664.0/11
 Right Out: 0.844 ± 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15
 Left In: 0.374 ± 0.000 χ^2/NDF : 2408191855928929204652403064832.0/10

+ sign 0.574 ± 0.000 χ^2/NDF : 34361299710521939
 All: 0.573 ± 0.000 χ^2/NDF : 68434990603829
 - sign 0.571 ± 0.000 χ^2/NDF : 34072705828258961

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

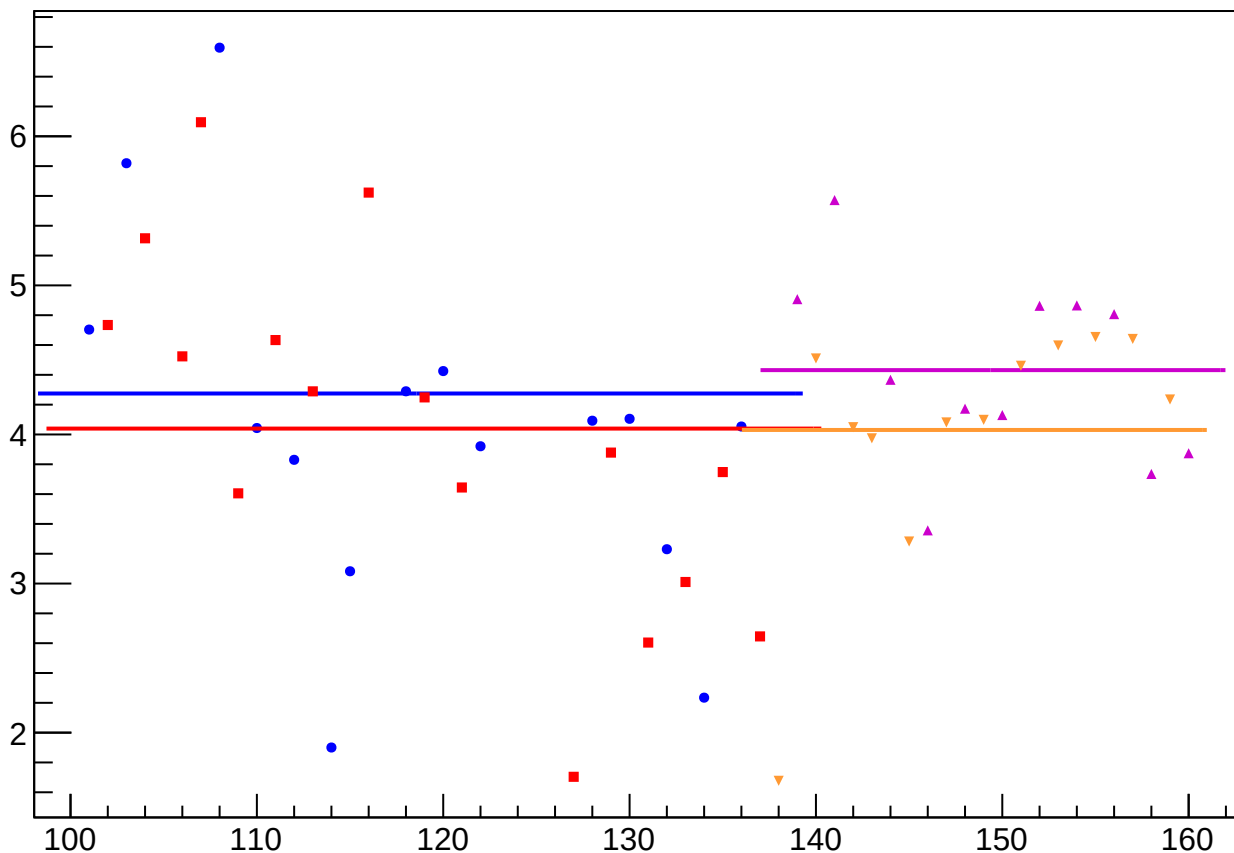
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eY_coil3_mean vs Slug



Right In: 4.275 $\pm$ 0.000 χ^2 /NDF: 597188707898198851792415435522048.0/14

Left Out: 4.039 $\pm$ 0.000 χ^2 /NDF: 600797720921367466879695481470976.0/11

Right Out: 4.039 $\pm$ 0.000 χ^2 /NDF: 772368848194464324973108765130752.0/15

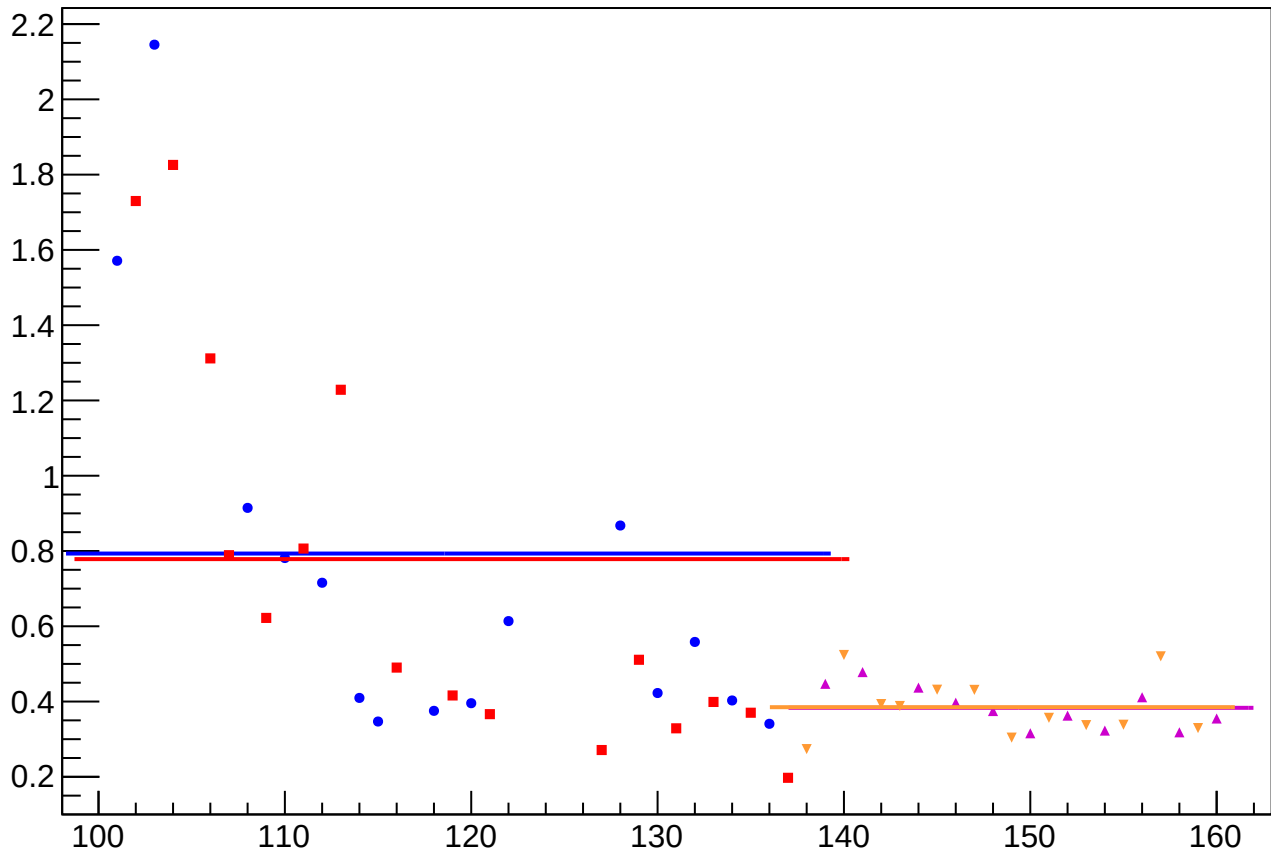
Left In: 4.432 $\pm$ 0.000 χ^2 /NDF: 345602703191245770554210363899904.0/10

+ sign 4.132 $\pm$ 0.000 χ^2 /NDF: 12206851457134436

All: 4.200 $\pm$ 0.000 χ^2 /NDF: 24126758137667

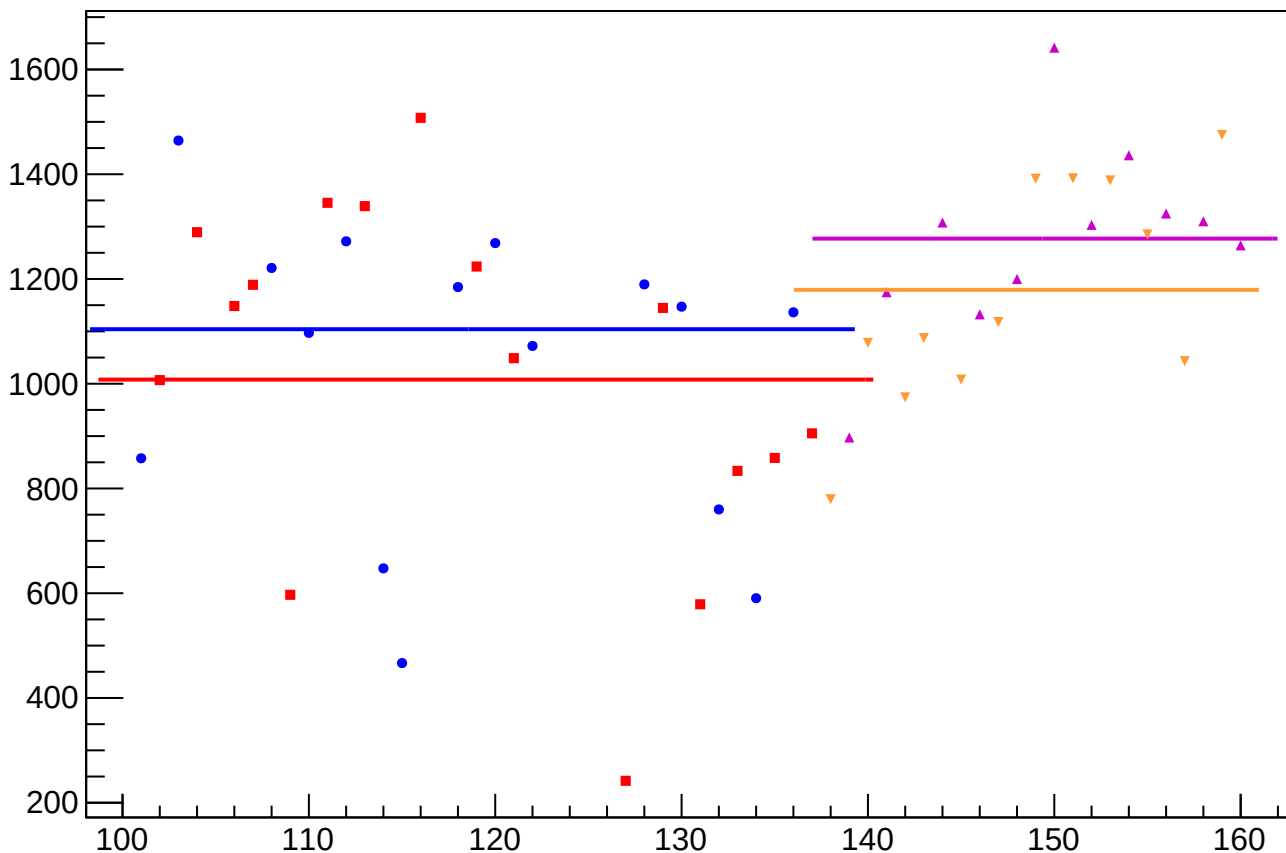
- sign 4.267 $\pm$ 0.000 χ^2 /NDF: 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.385 $\pm$ 0.000 χ^2/NDF : 5547784180240414411423653822464.0/11
 Right Out: 0.778 $\pm$ 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.383 $\pm$ 0.000 χ^2/NDF : 2618375268437967875049691021312.0/10

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

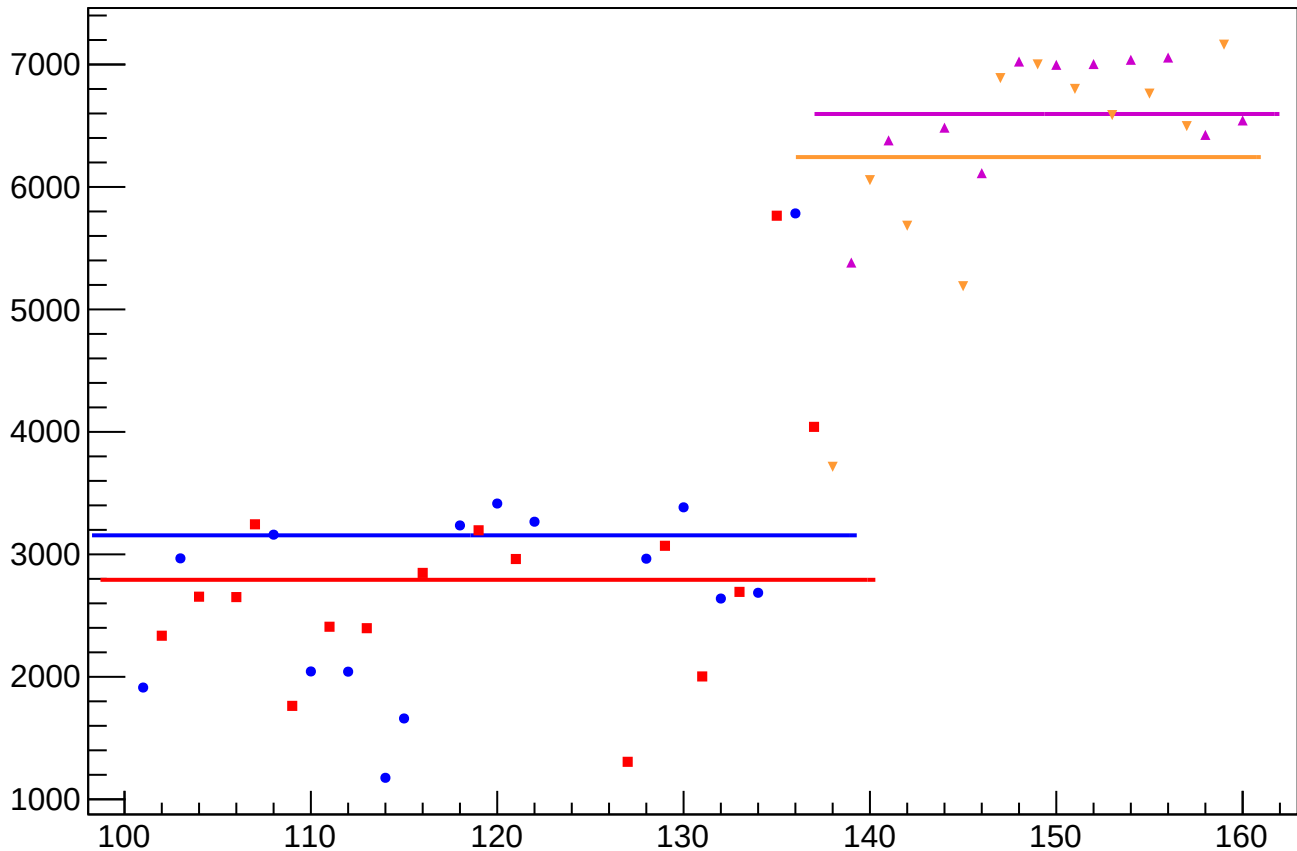
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

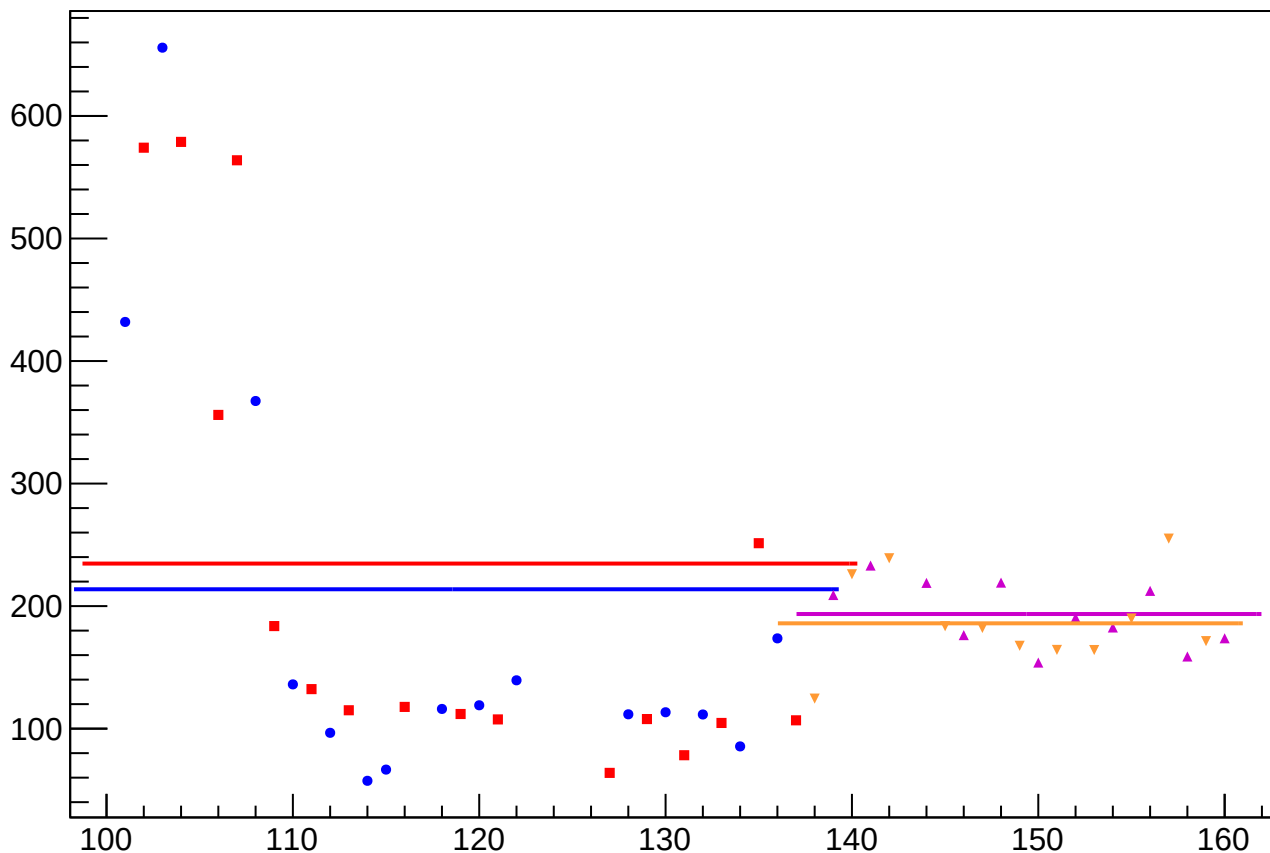
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6243.976+/-0.000 χ^2/NDF : 811230786168378302780139165688711348224.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

dit_usl_coil3_err_mean vs Slug



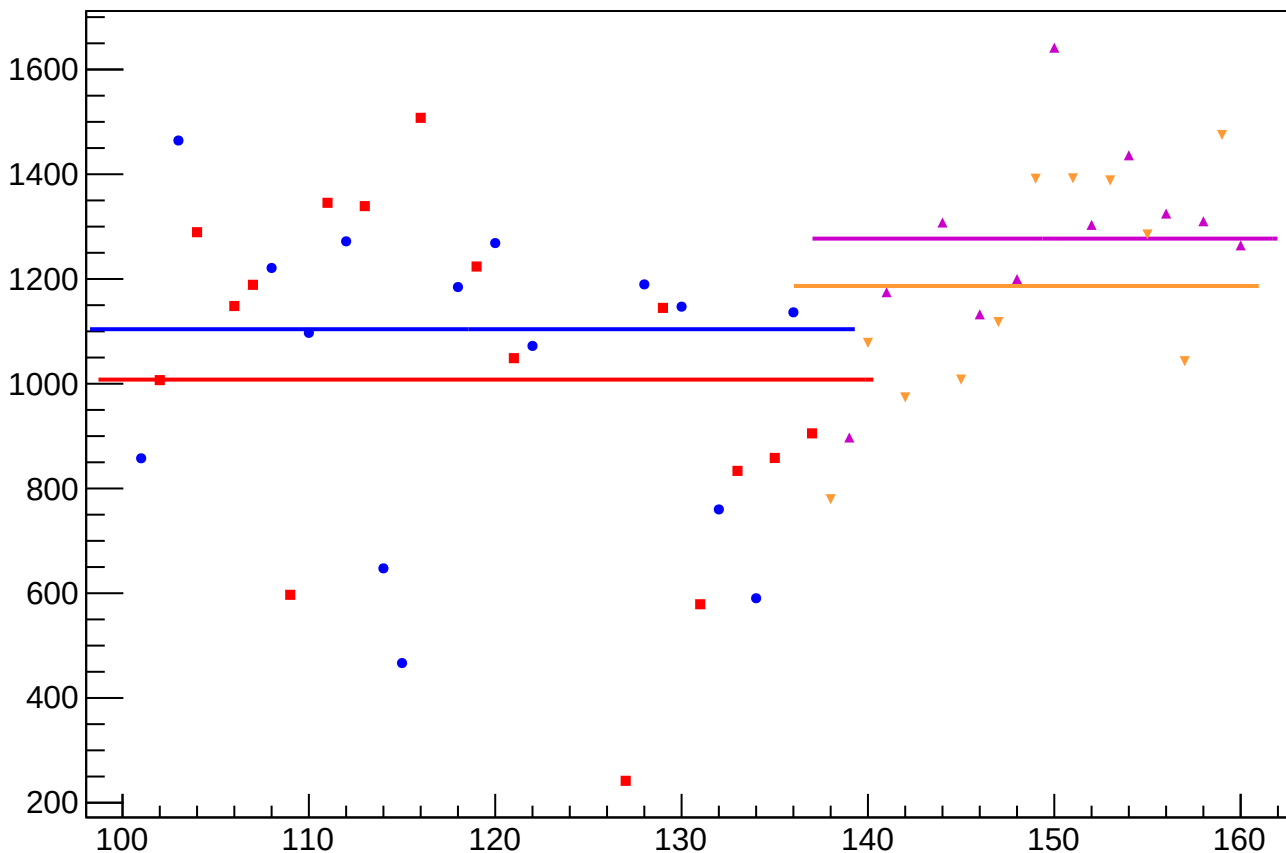
Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

Left Out: 185.948+/-0.000 χ^2/NDF : 1057706607595767583587974846640816128.0/10

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

Left In: 193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF : 38127290182419373090636614603236179968.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

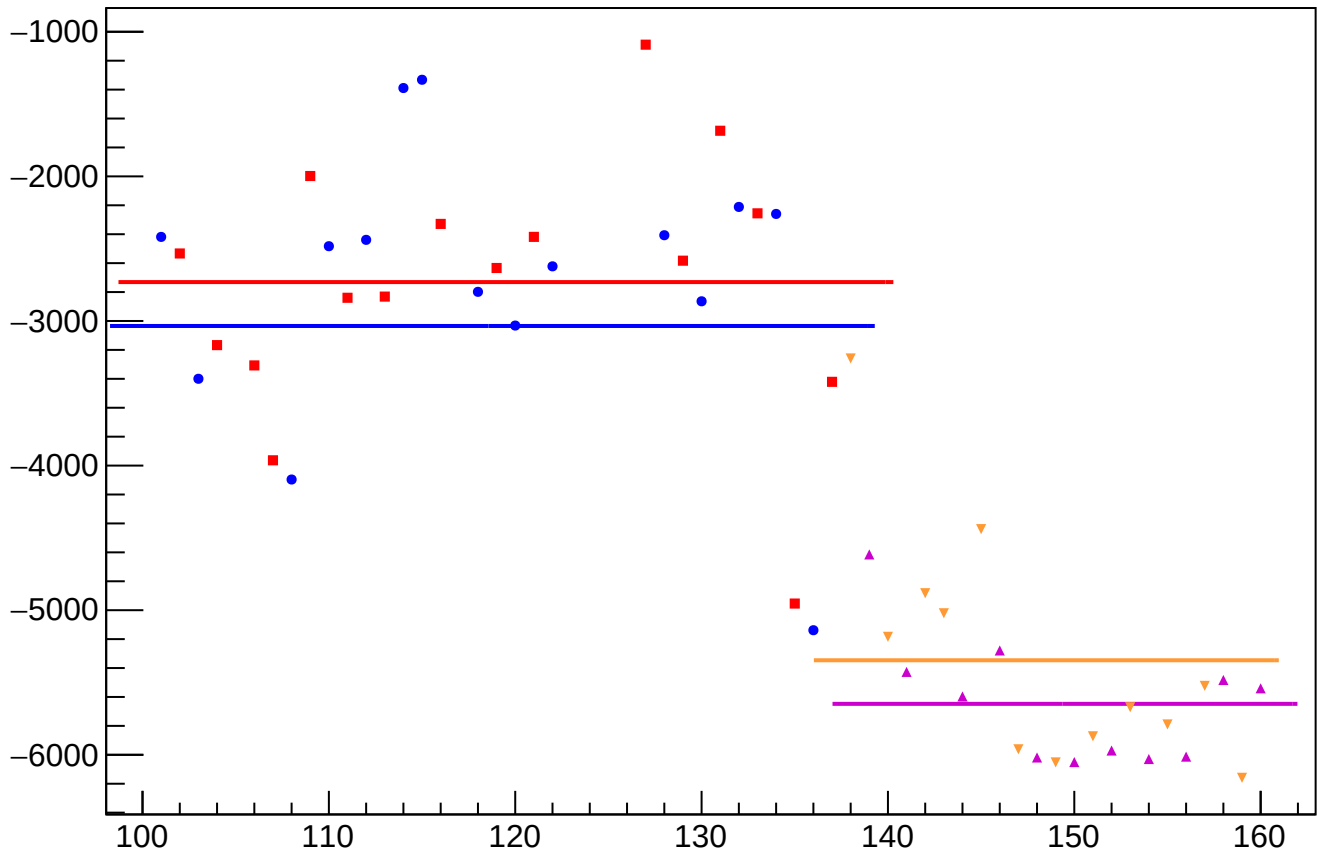
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833

All: 1157.745+/-0.000 χ^2/NDF : 20023337148

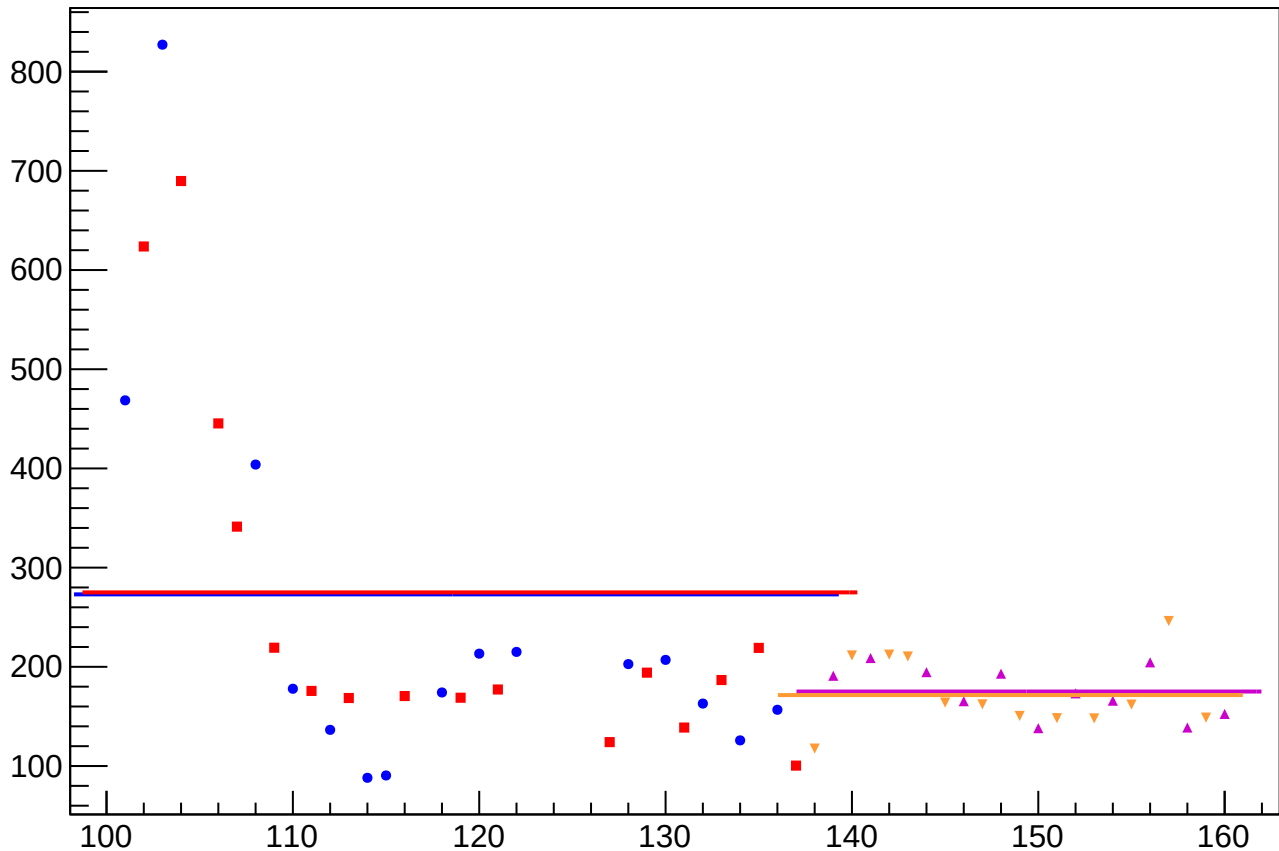
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



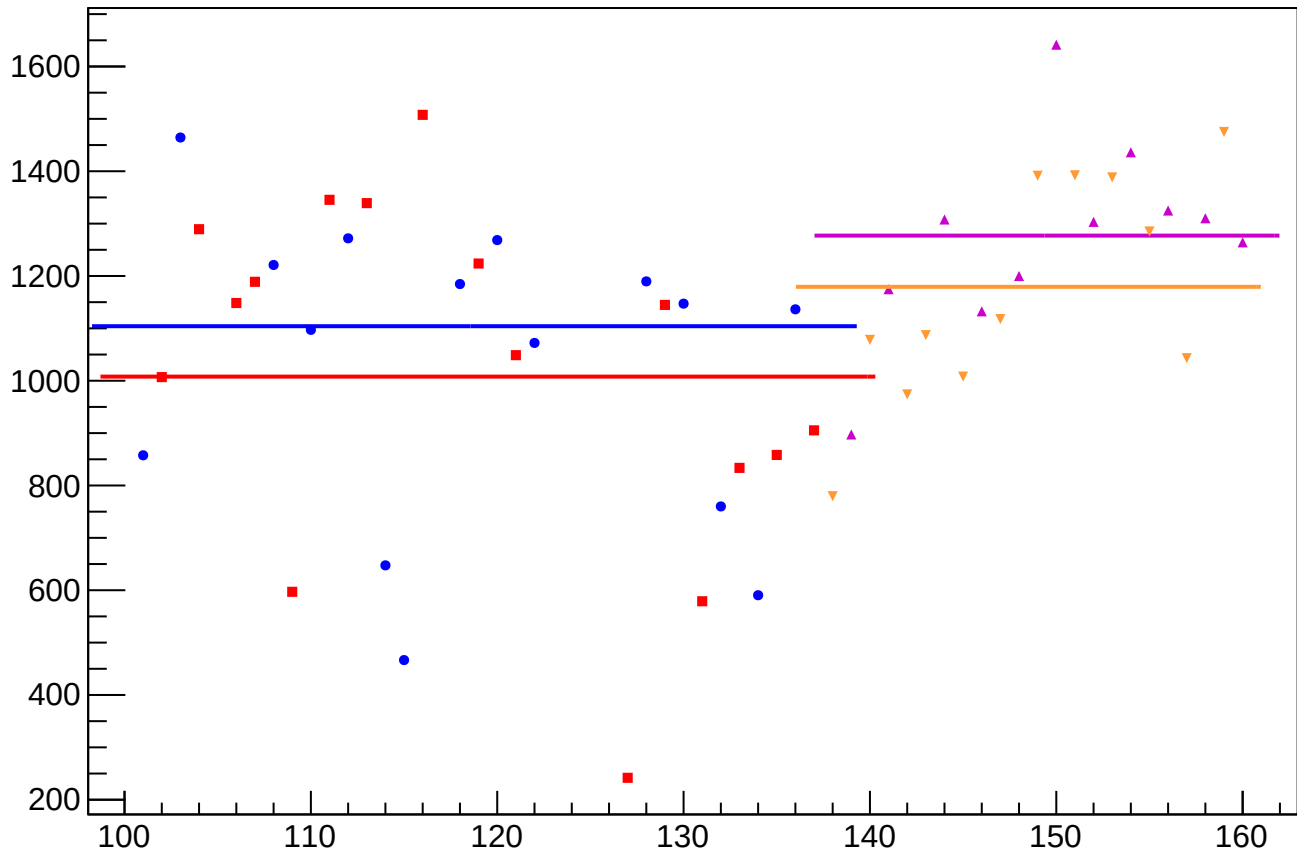
Right In: -3034.527 $\pm$ 0.000 χ^2 /NDF: 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287 $\pm$ 0.000 χ^2 /NDF: 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035 $\pm$ 0.000 χ^2 /NDF: 528290847703567991555694629239211950080.0/15
 Left In: -5647.632 $\pm$ 0.000 χ^2 /NDF: 164214312908035645215126356935491715072.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 171.517+/-0.000 χ^2/NDF : 1162204446124418452265763444206075904.0/11
 Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

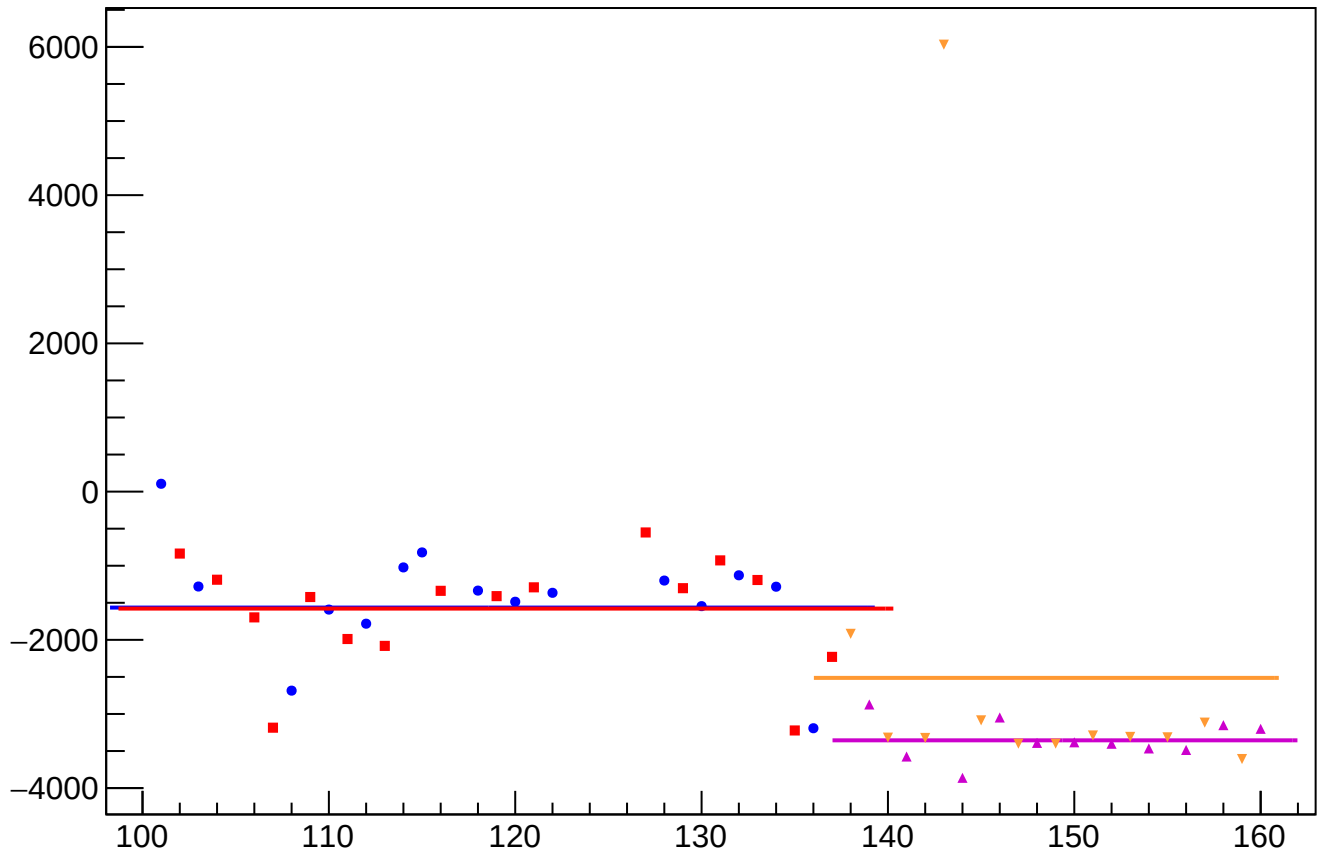
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

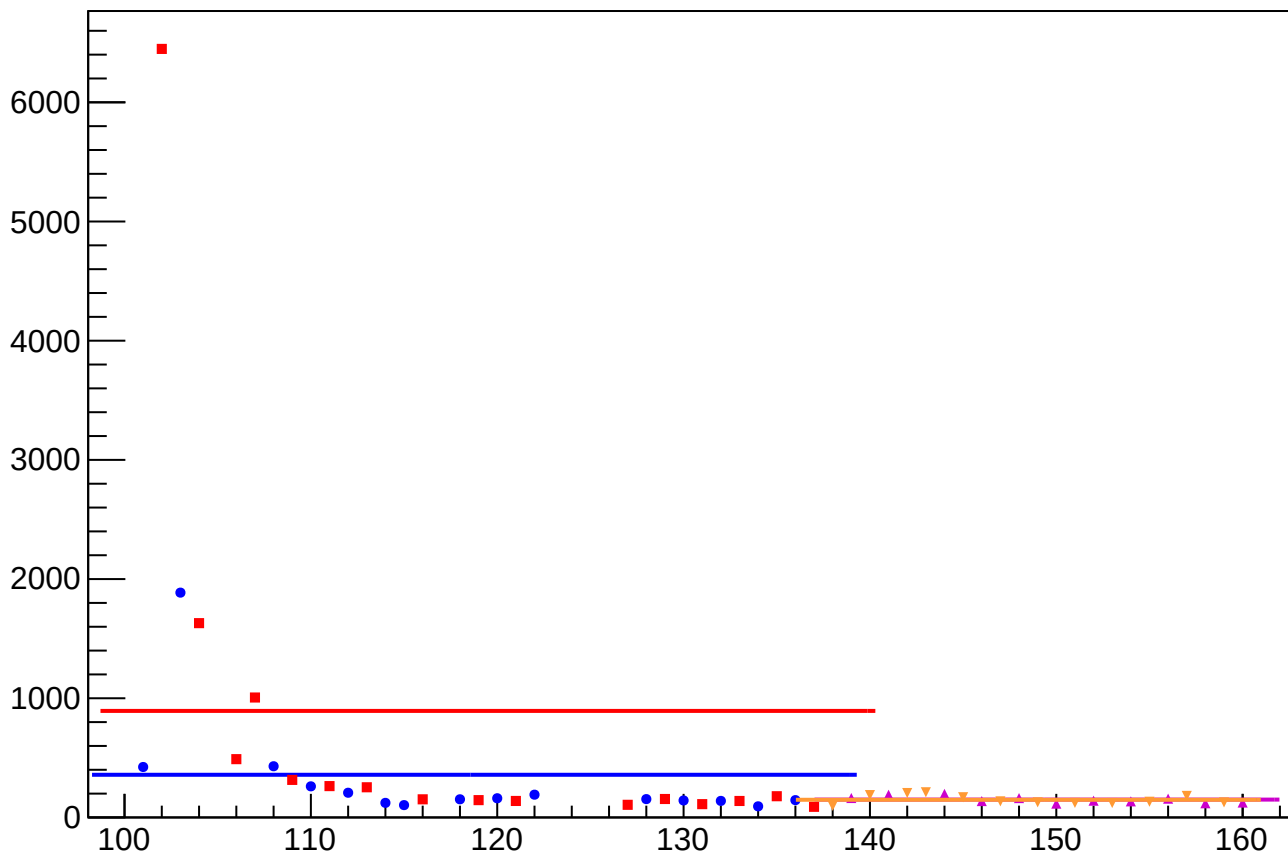
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000 χ^2/NDF : 483874800978571042578975757029039144960.0/14
 Left Out: -2513.182+/-0.000 χ^2/NDF : 5431127813565364988673729418683400323072.0/11
 Right Out: -1578.178+/-0.000 χ^2/NDF : 368450572556217564071963203581098590208.0/15
 Left In: -3355.712+/-0.000 χ^2/NDF : 61603128430044333980990125877093203968.0/10

dit_atl1_coil3_err_mean vs Slug



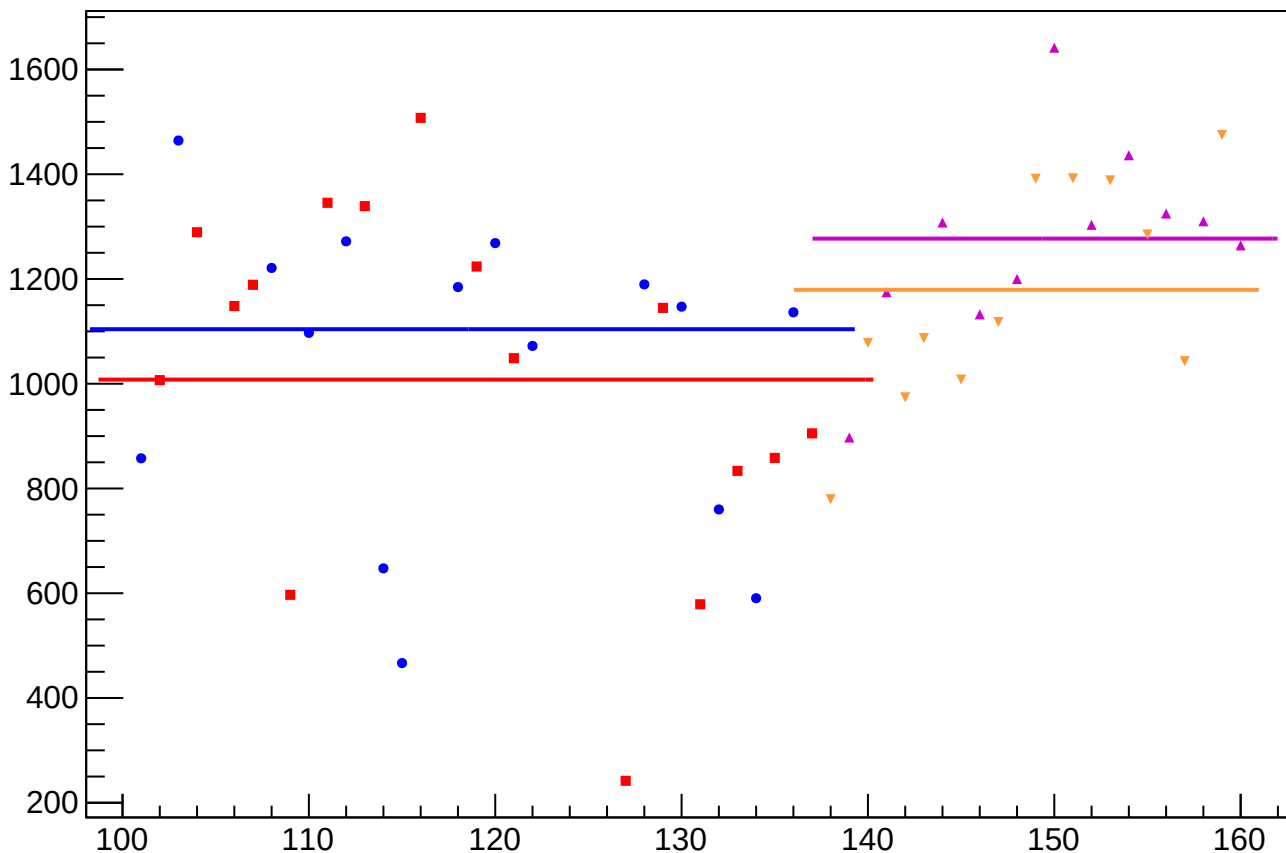
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.359+/-0.000 χ^2/NDF : 1090286331733366082581256970807803904.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

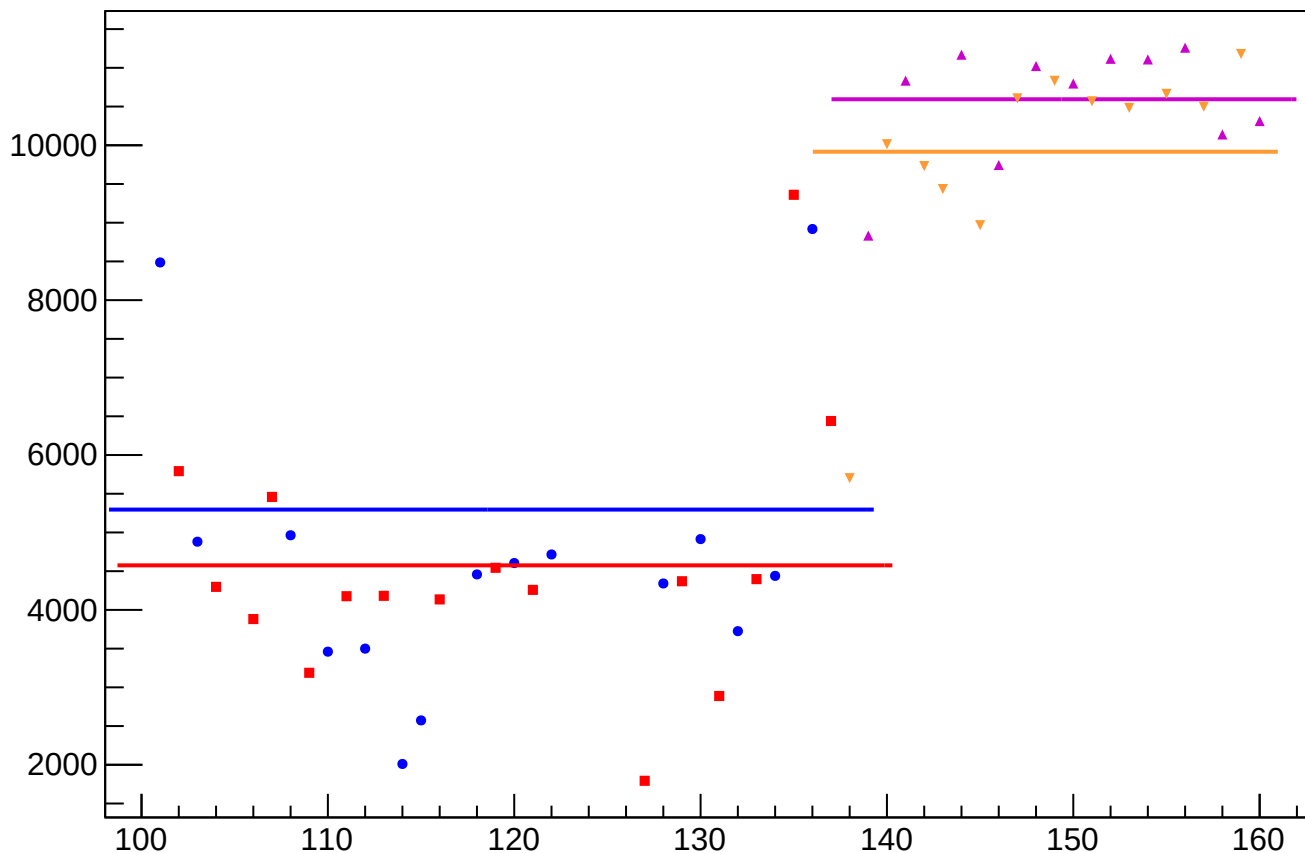
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

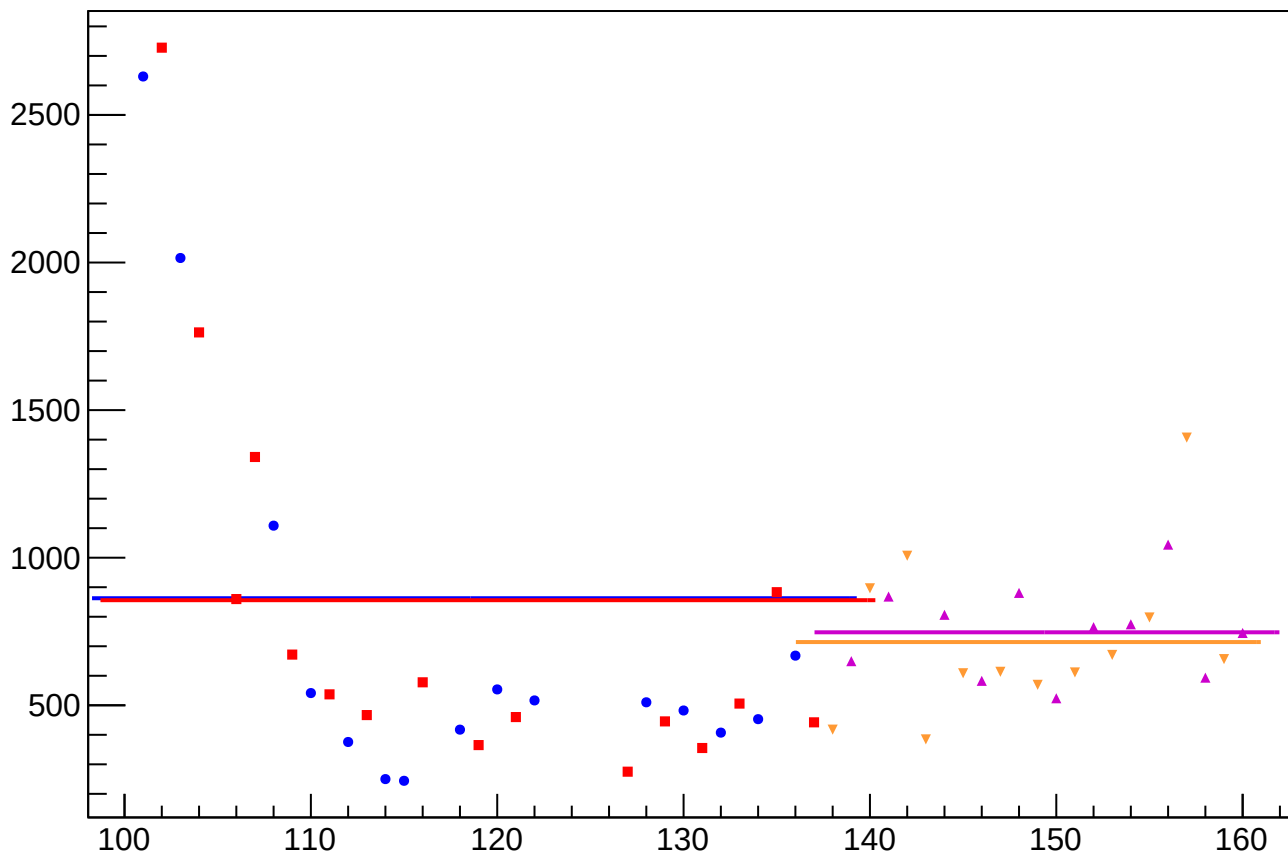
dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-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

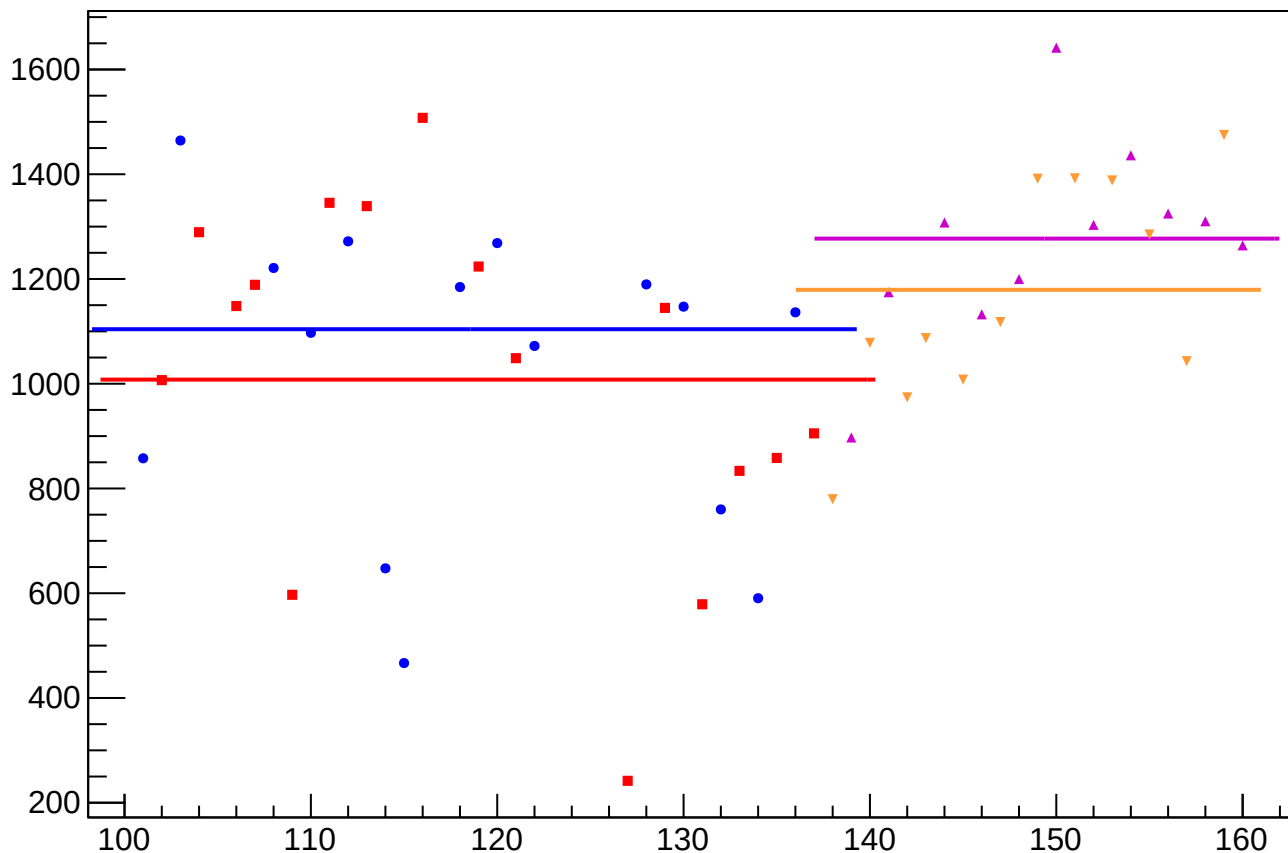
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ 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

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

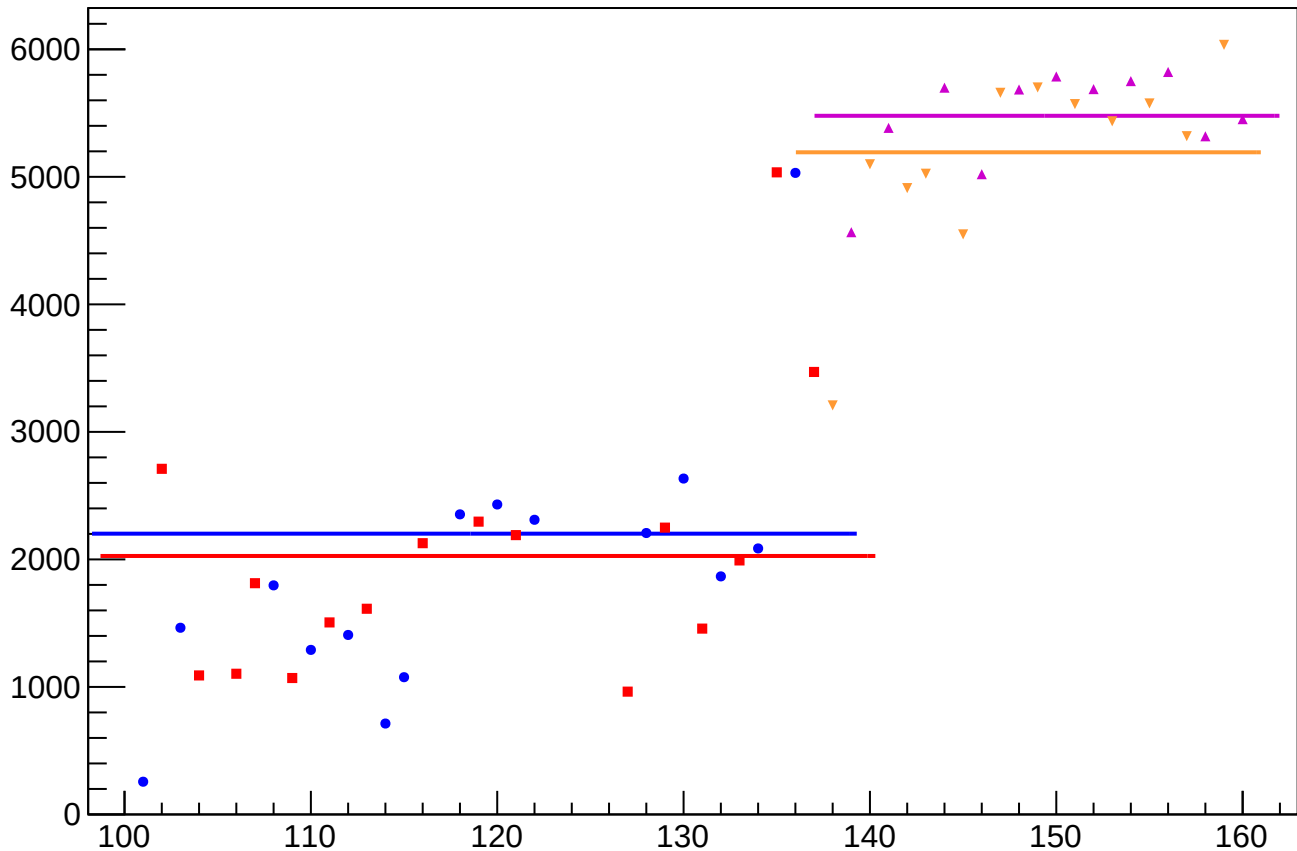
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

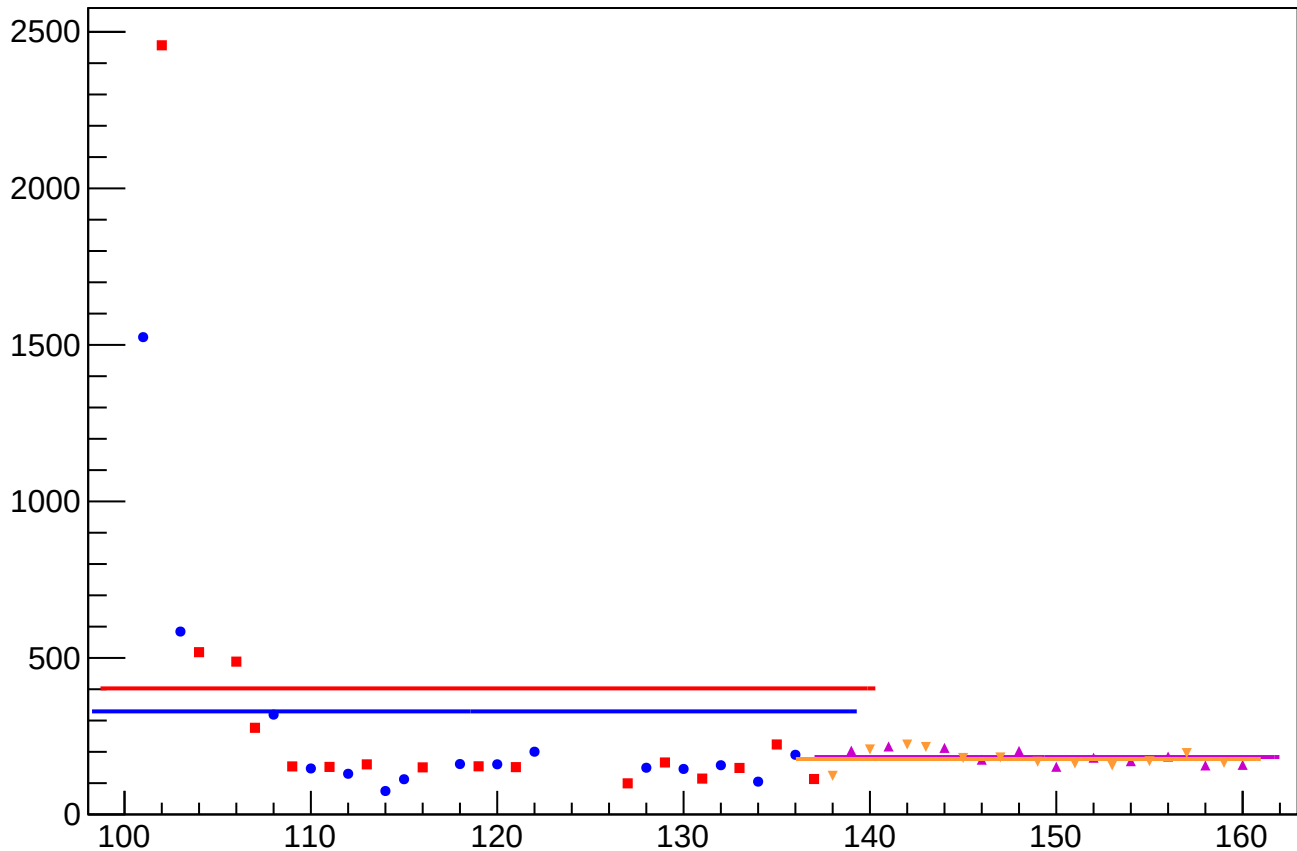
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_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



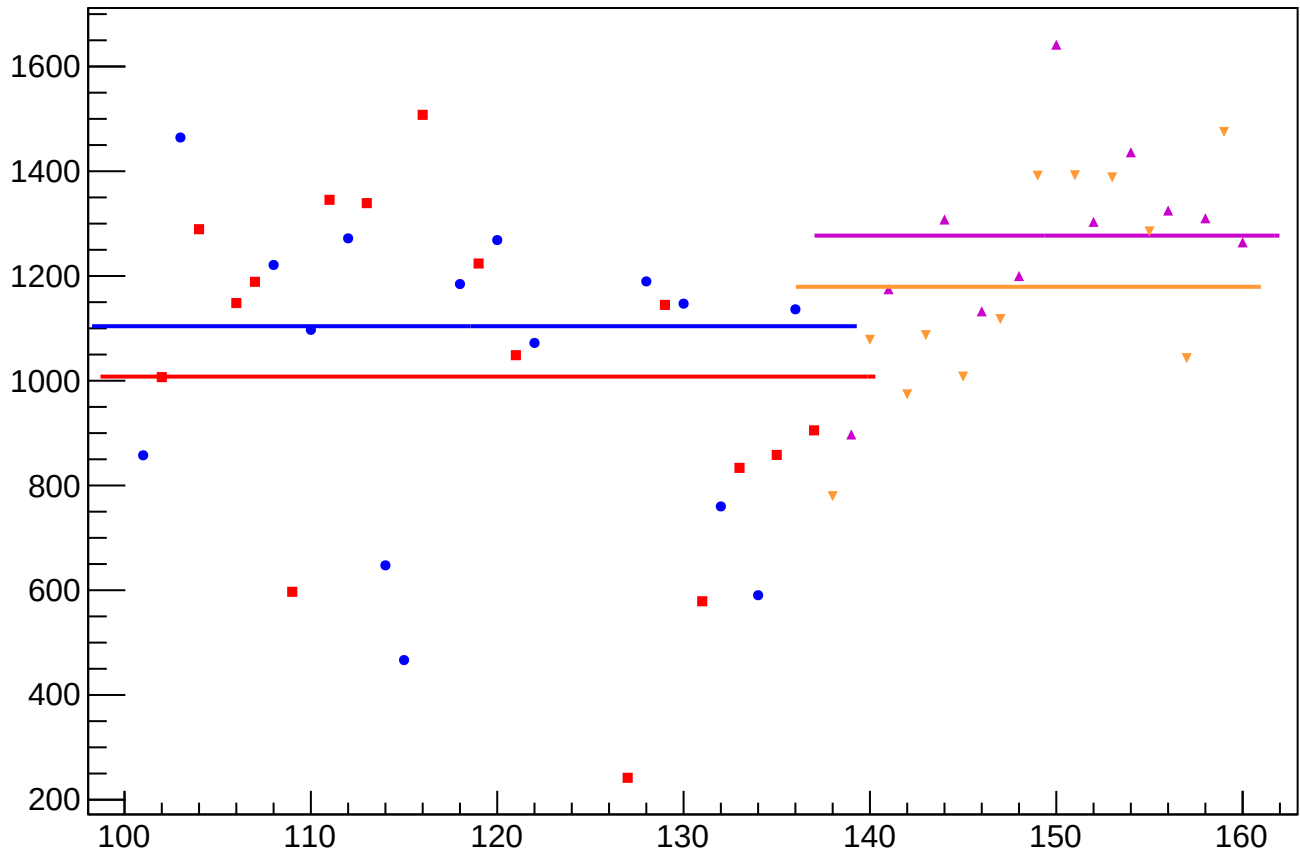
Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

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

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

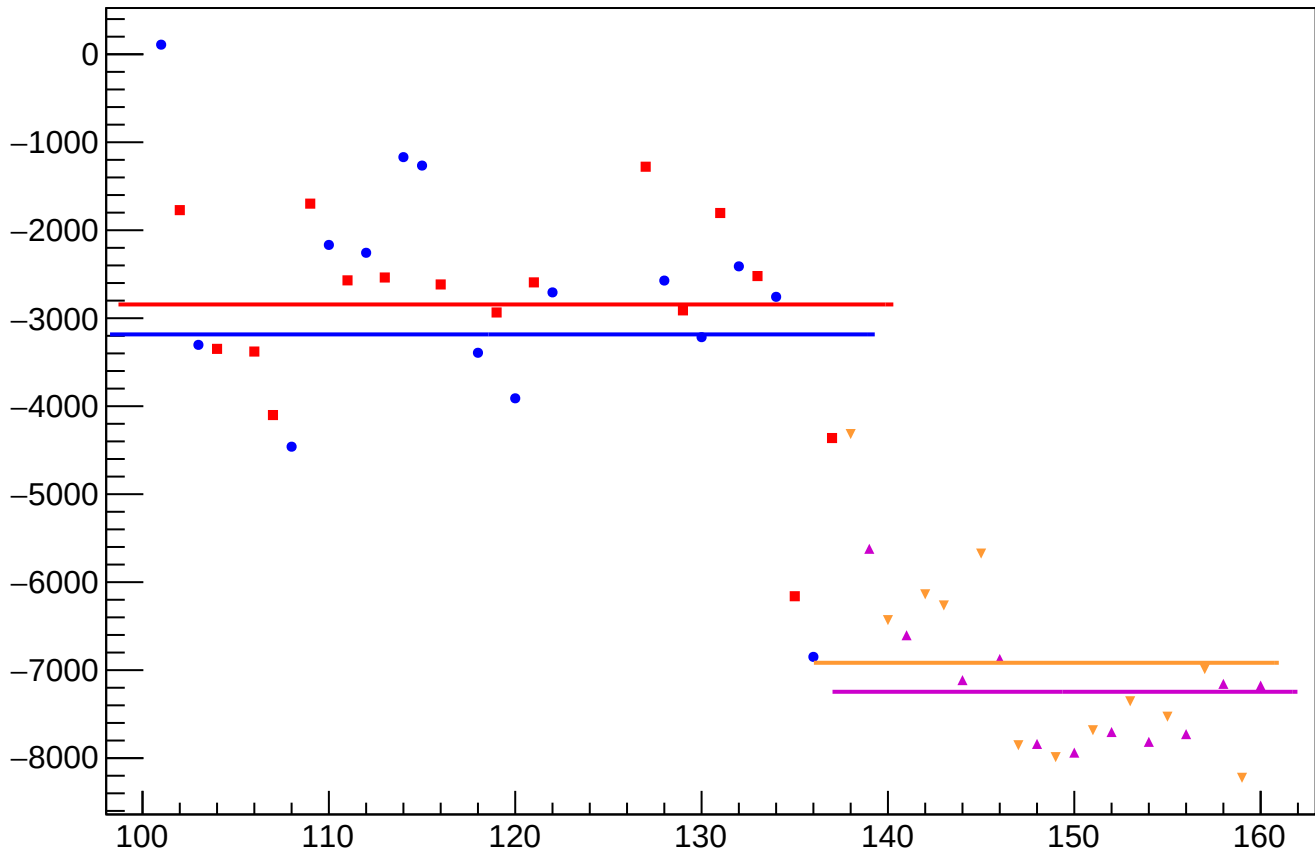
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

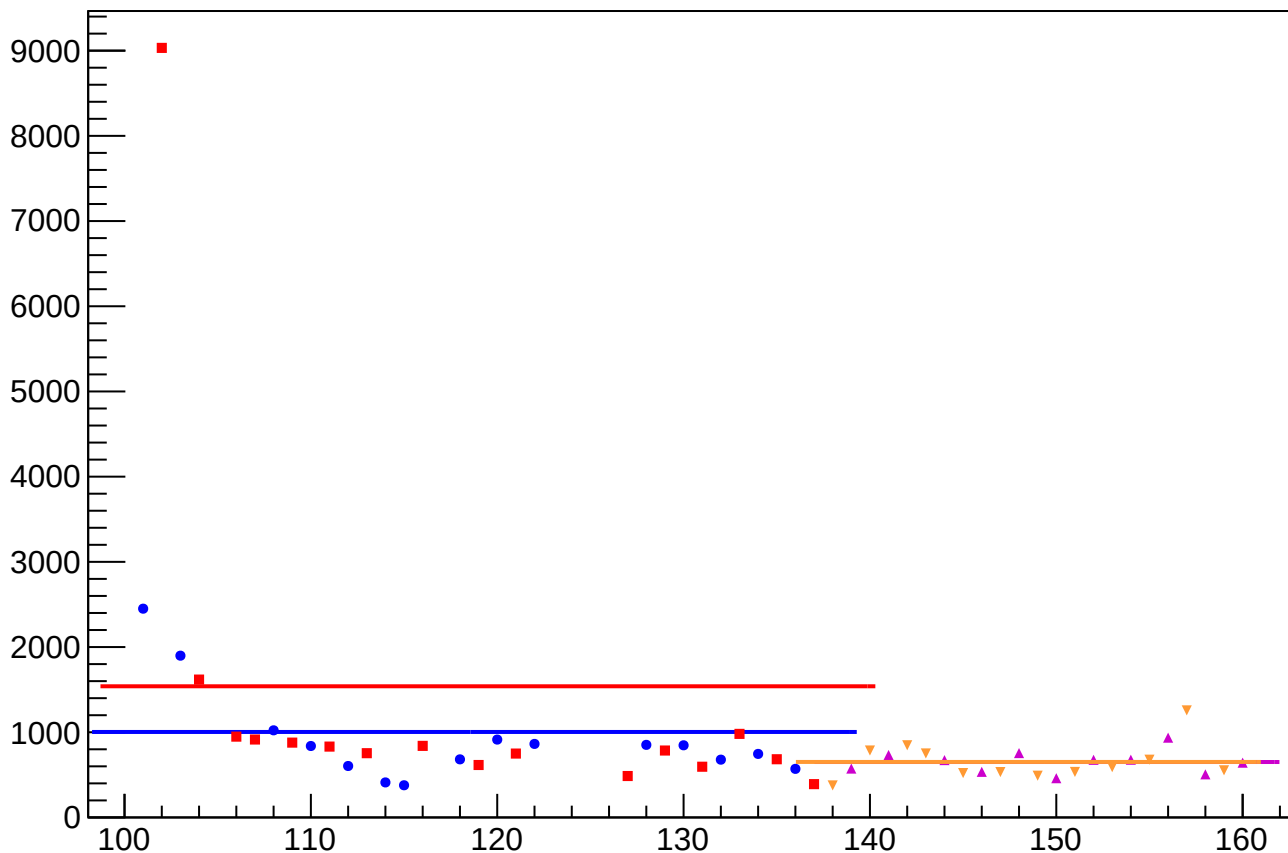
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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



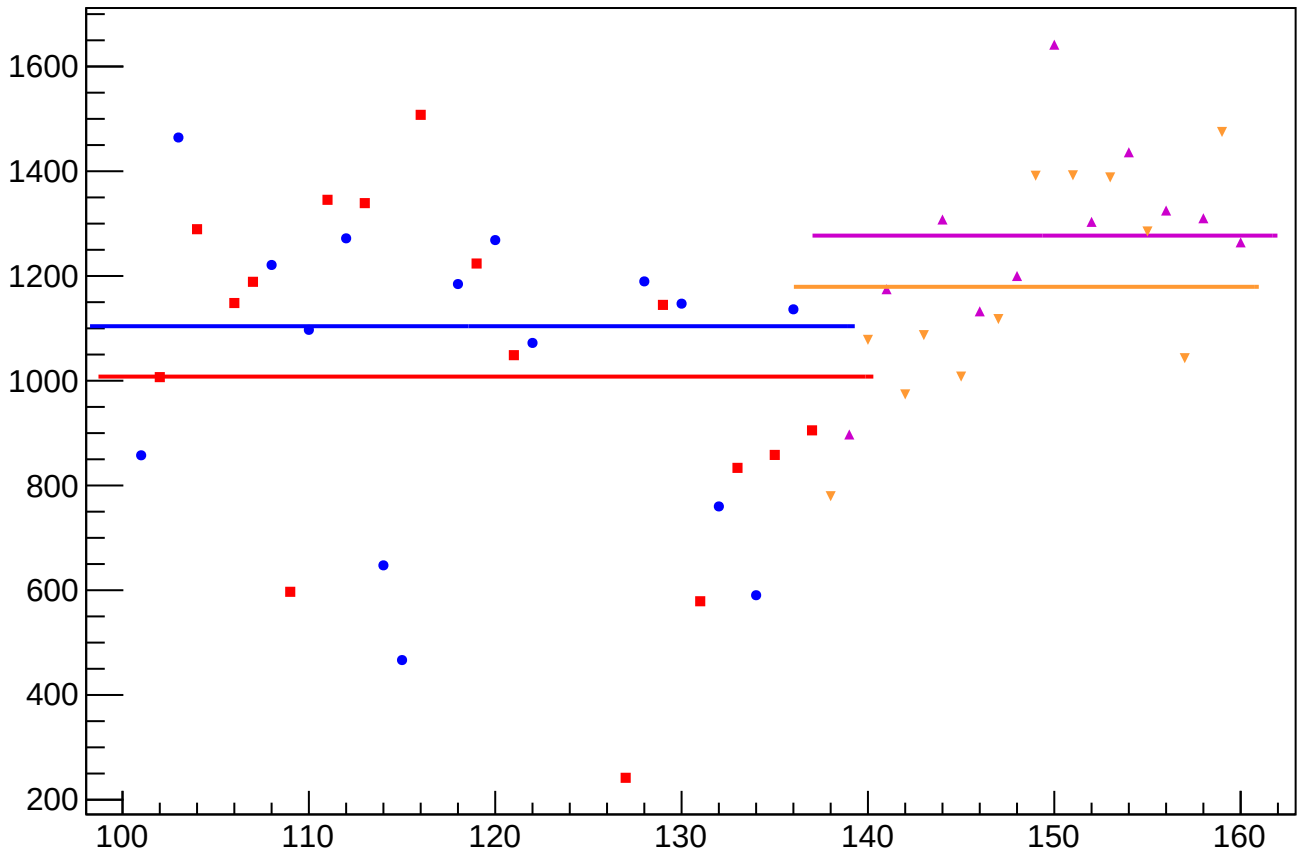
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

Left Out: 651.582+/-0.000 χ^2/NDF : 45579416700188389340899783793497341952.0/11

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

Left In: 650.769+/-0.000 χ^2/NDF : 14776465774858799846922535858394365952.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

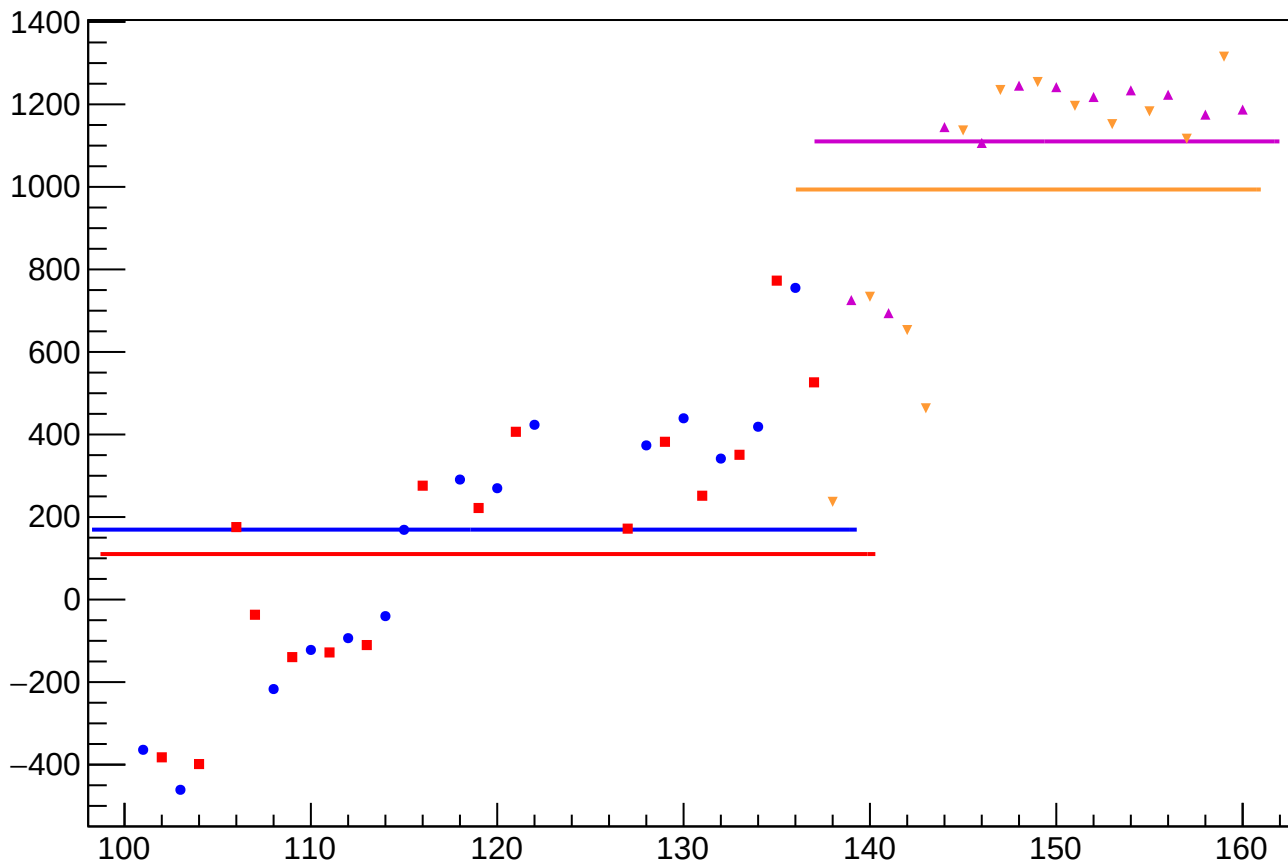
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 993.680+/-0.000 χ^2/NDF : 103871744093271862136270527542037839872.0/11

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

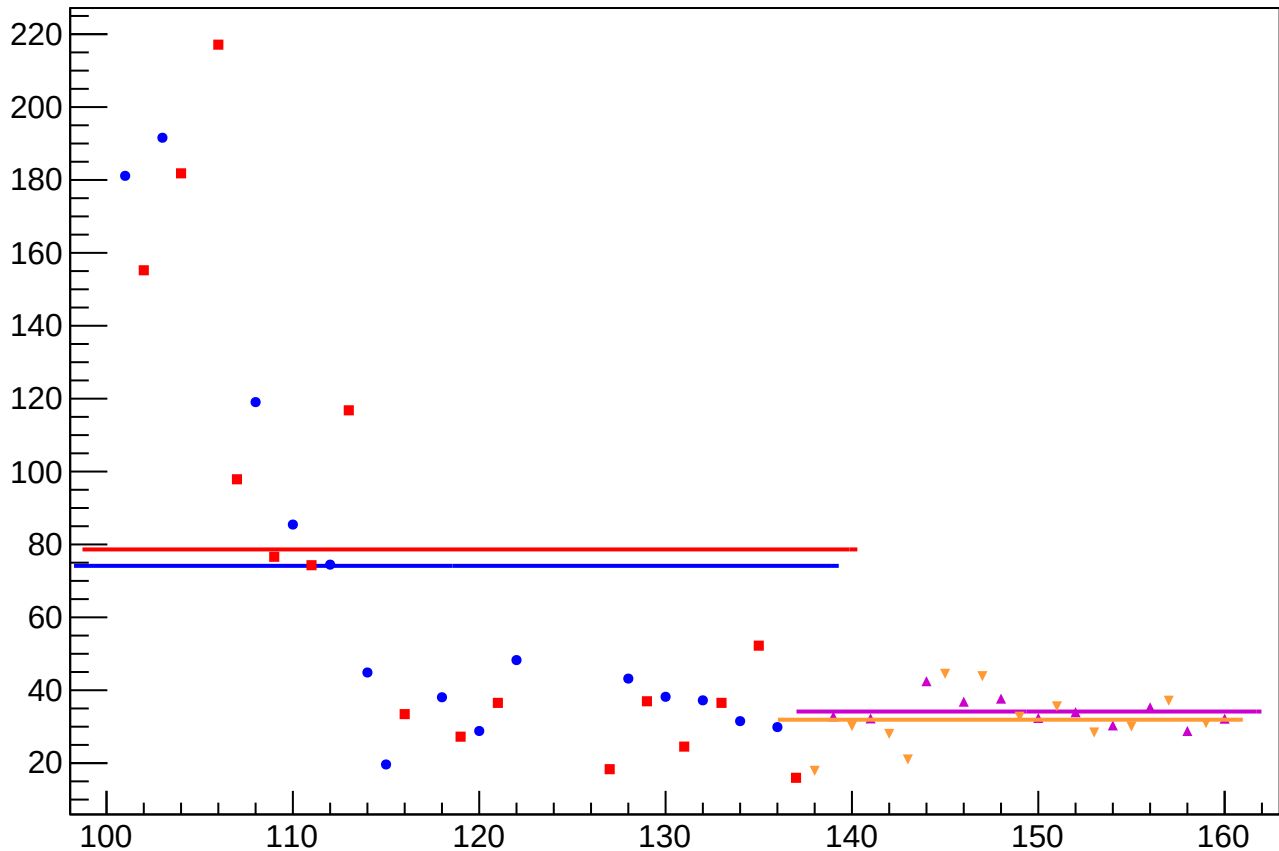
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ sign 651.454+/-0.000 χ^2/NDF : 457110601754155

All: 671.406+/-0.000 χ^2/NDF : 951499306925

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF : 52391134971476446801164737802403840.0/11

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

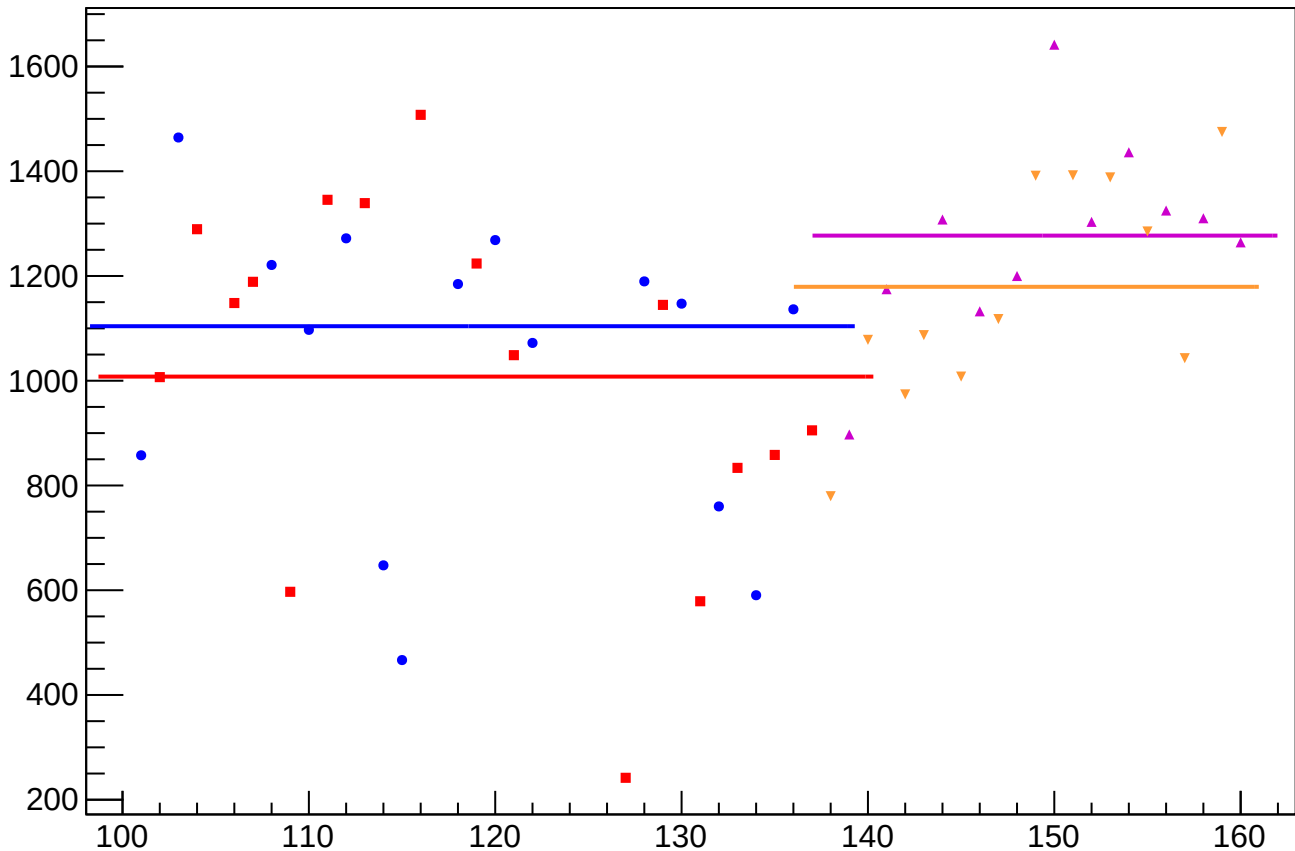
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.444+/-0.000 χ^2/NDF : 2897043511629601

All: 51.139+/-0.000 χ^2/NDF : 6027926549606

- sign 52.804+/-0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

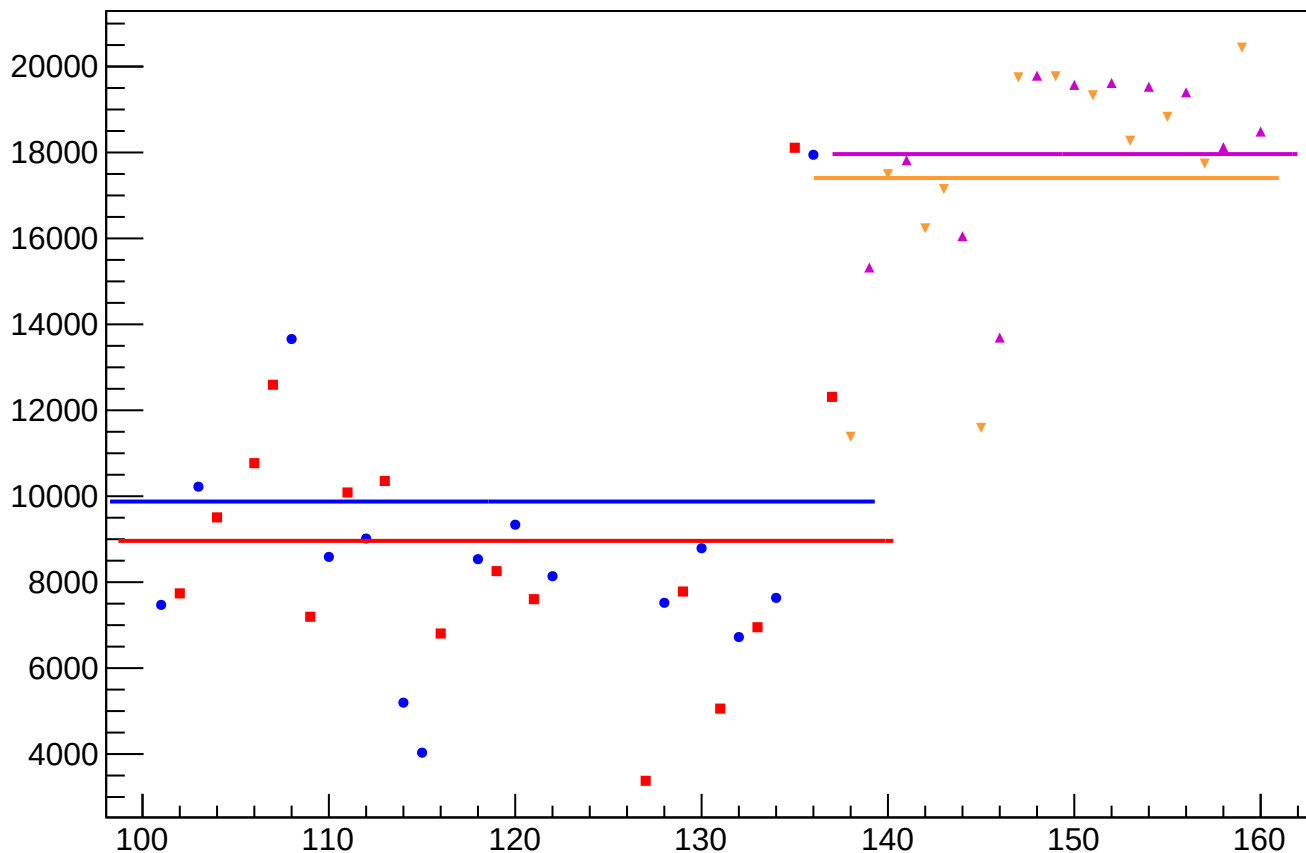
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

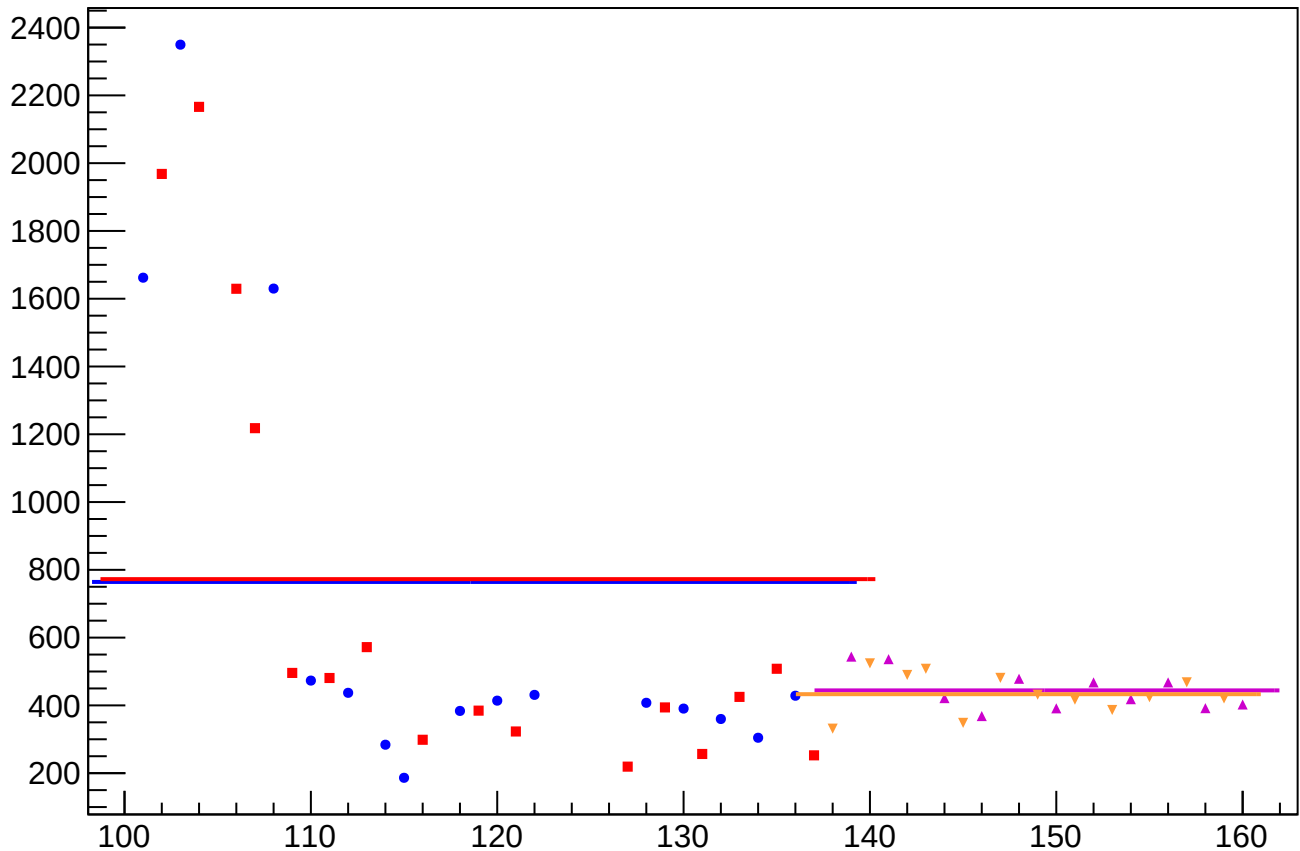
dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000	χ^2/NDF : 8483360287053054122301651905797133697024.0/14
Left Out: 17405.049+/-0.000	χ^2/NDF : 7689801671099378791544545422175664865280.0/11
Right Out: 8961.593+/-0.000	χ^2/NDF : 7583728644146461427304320888408335450112.0/15
Left In: 17962.529+/-0.000	χ^2/NDF : 3564698291142811133043344688261317525504.0/10

+ sign 14279.004+/-0.000 χ^2/NDF : 3768368481481
 All: 14233.622+/-0.000 χ^2/NDF : 8022211512
 - sign 14189.038+/-0.000 χ^2/NDF : 4253204880235

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-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

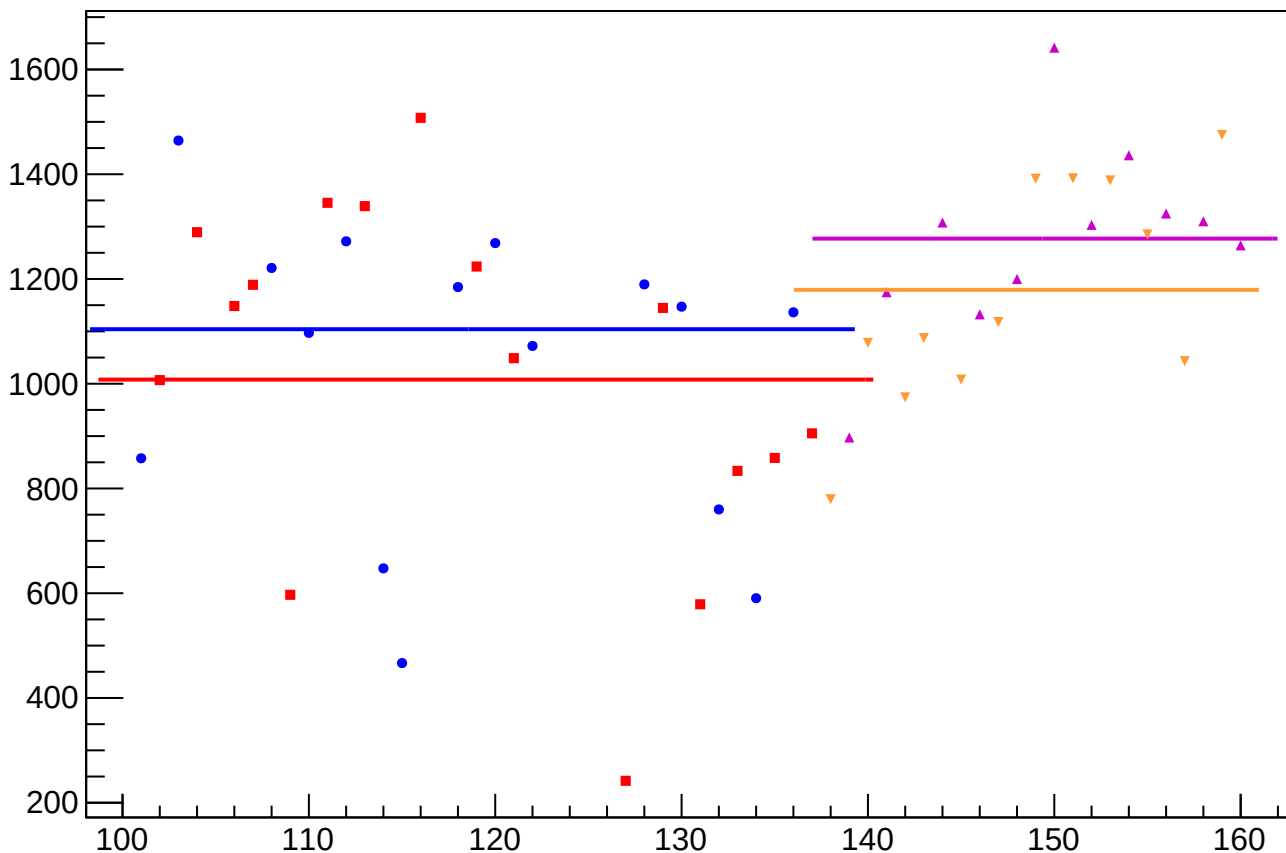
Left In: 444.245+/-0.000 χ^2/NDF : 2906625839452991270105053894151241728.0/10

+ 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

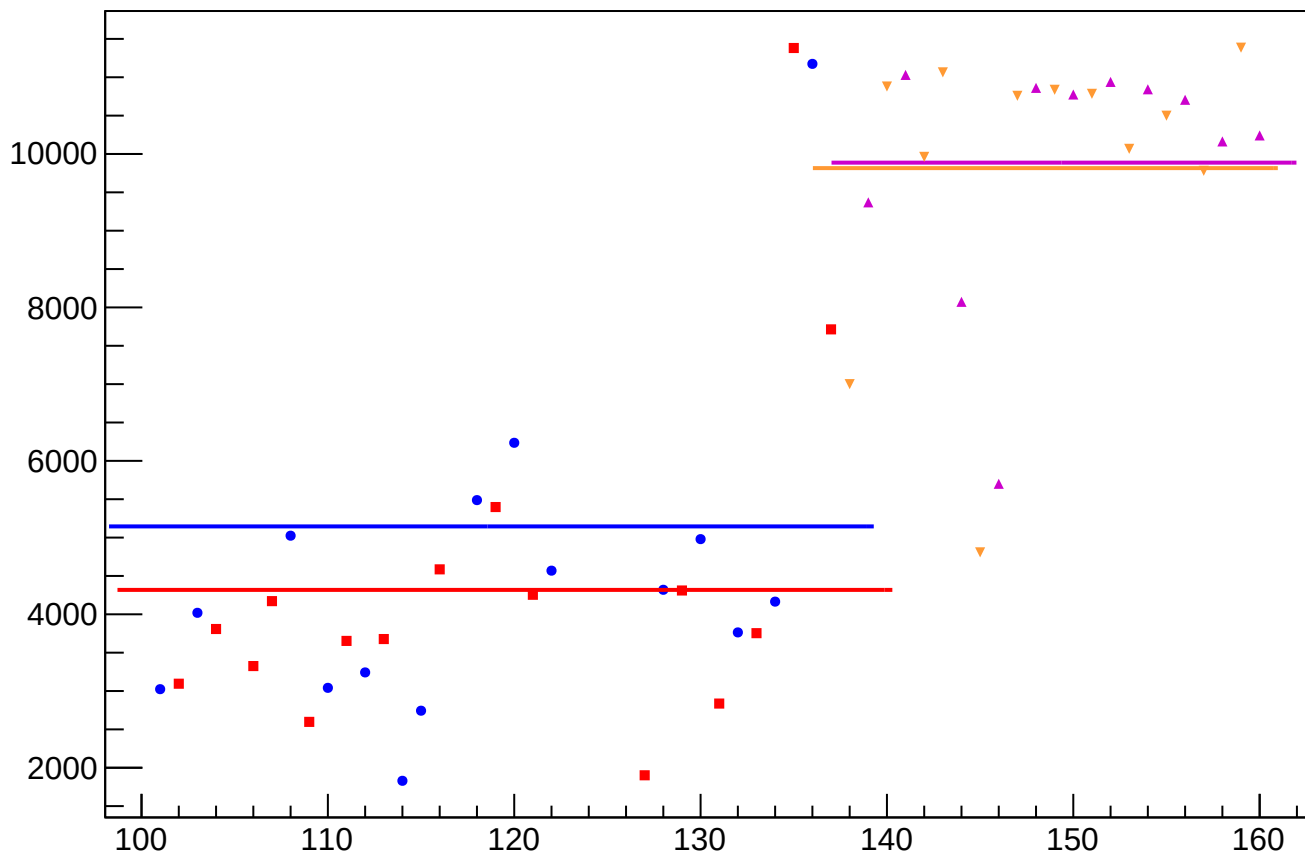
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

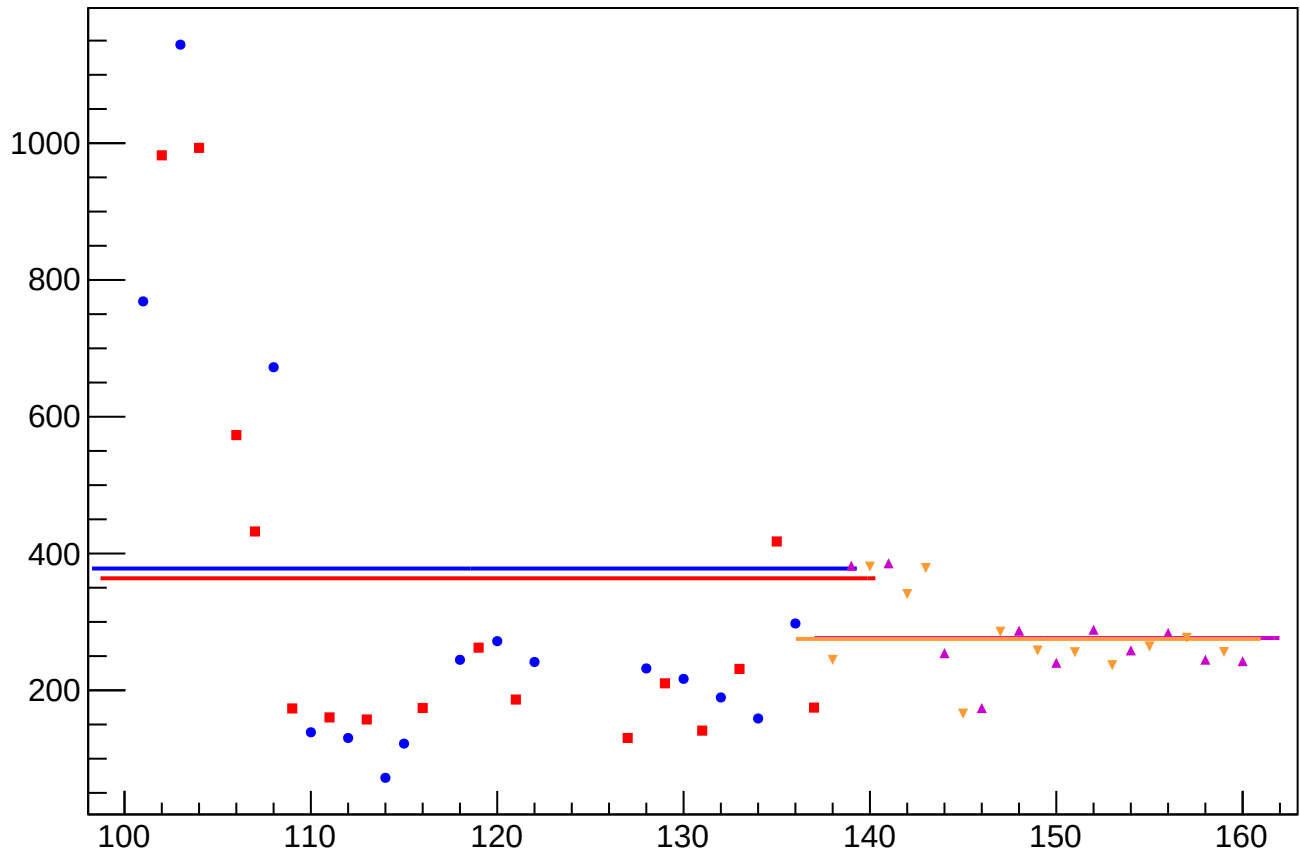
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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



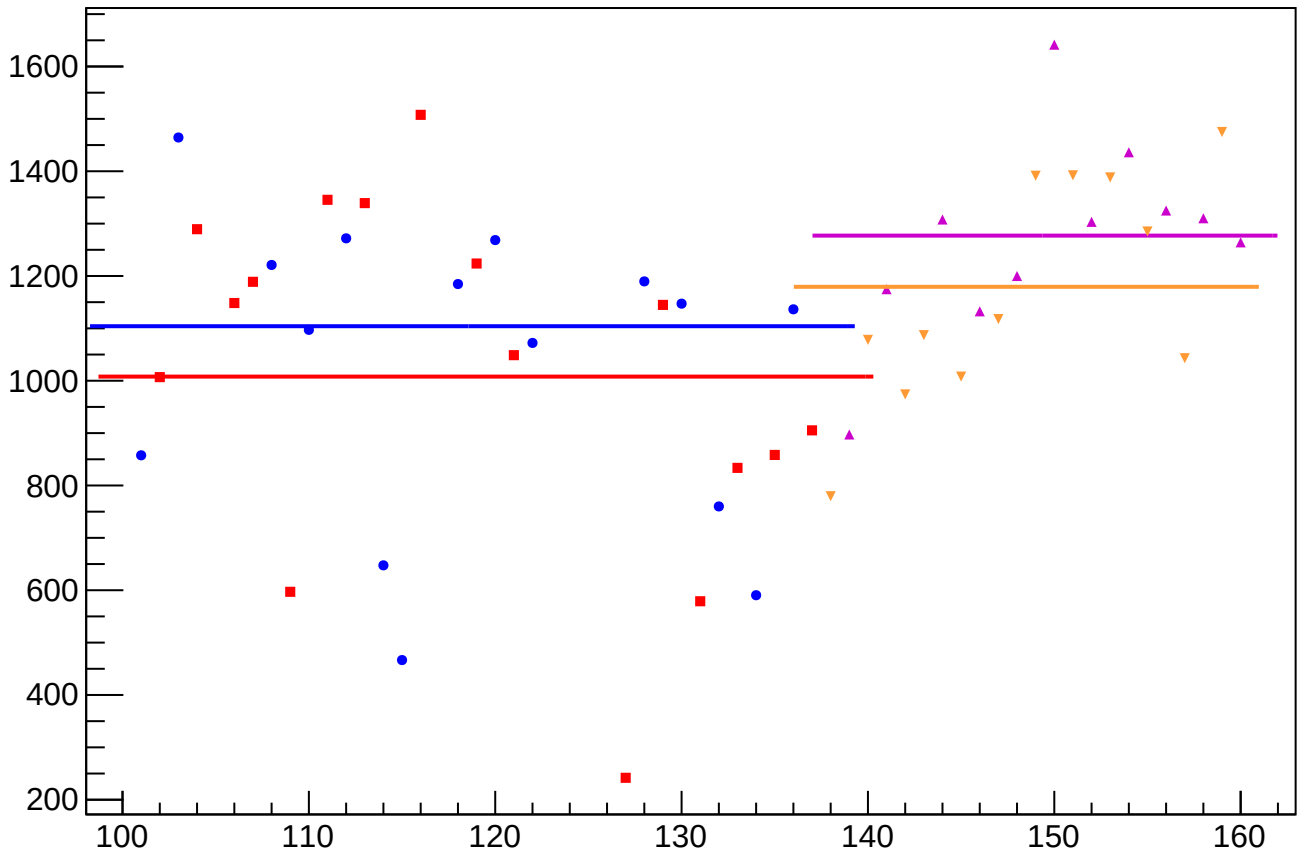
Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 275.181+/-0.000 χ^2/NDF : 3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

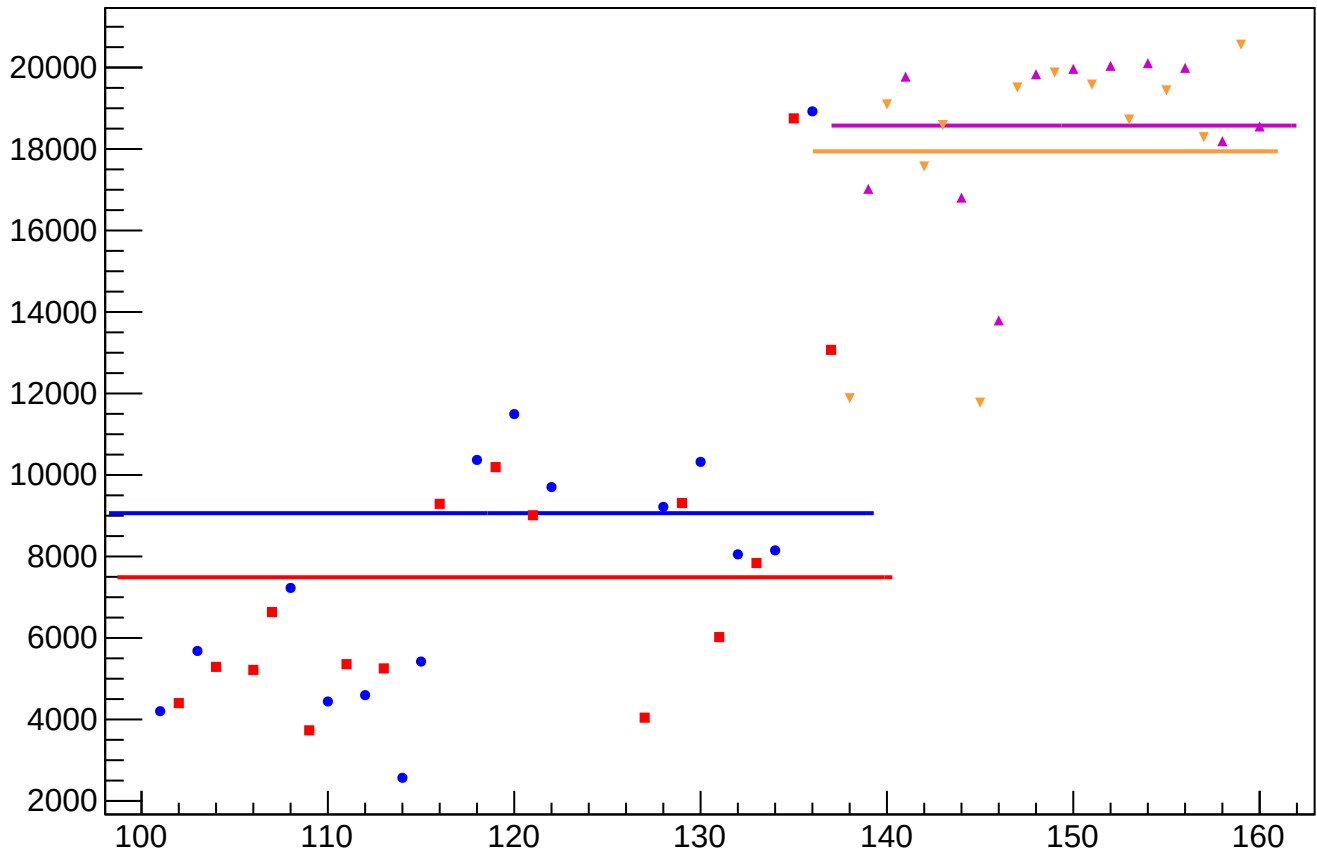
Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

dit_sam3_coil3_Ndata_mean vs Slug



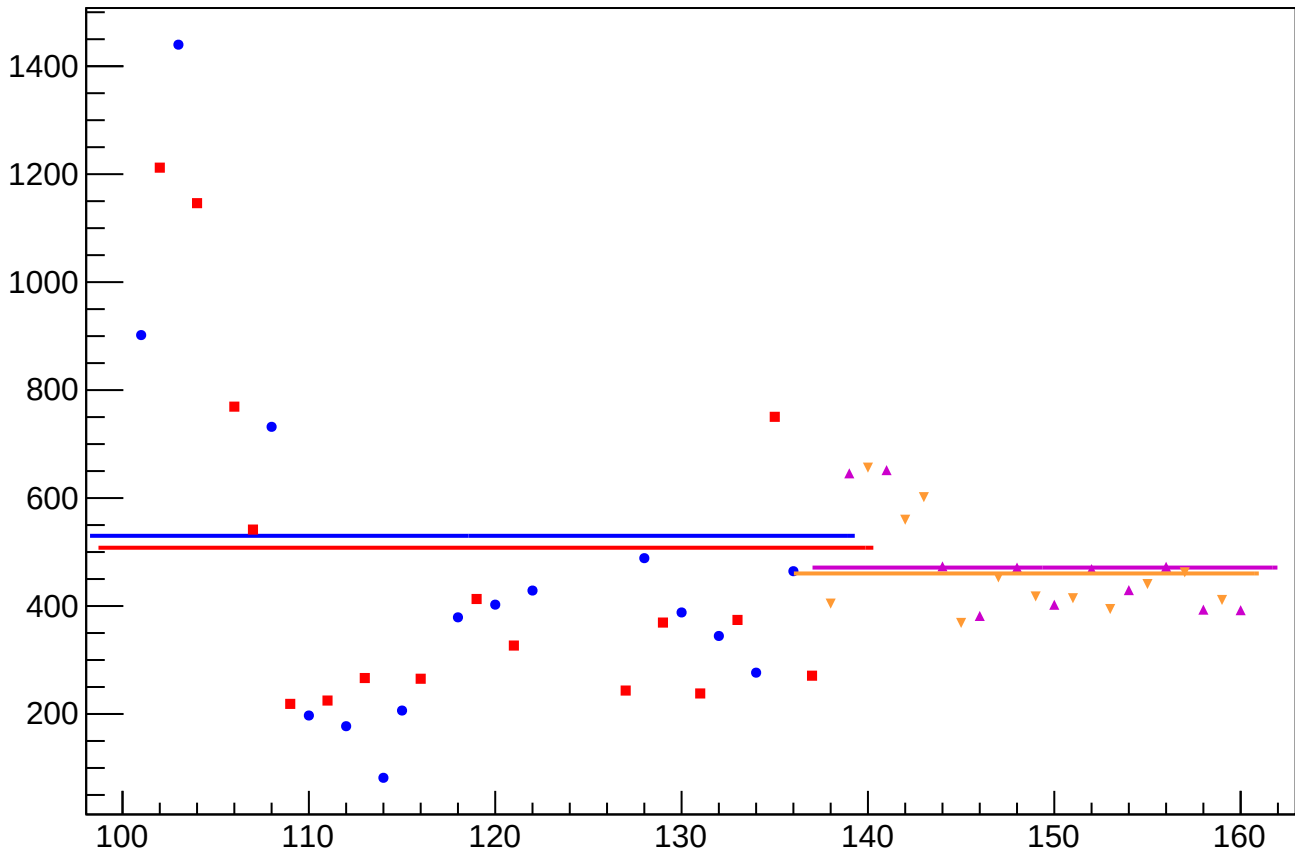
Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1179.336 +/- 0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11
 Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17943.531+/-0.000 χ^2/NDF : 7473617733274816603280469921274378846208.0/11
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18574.874+/-0.000 χ^2/NDF : 3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



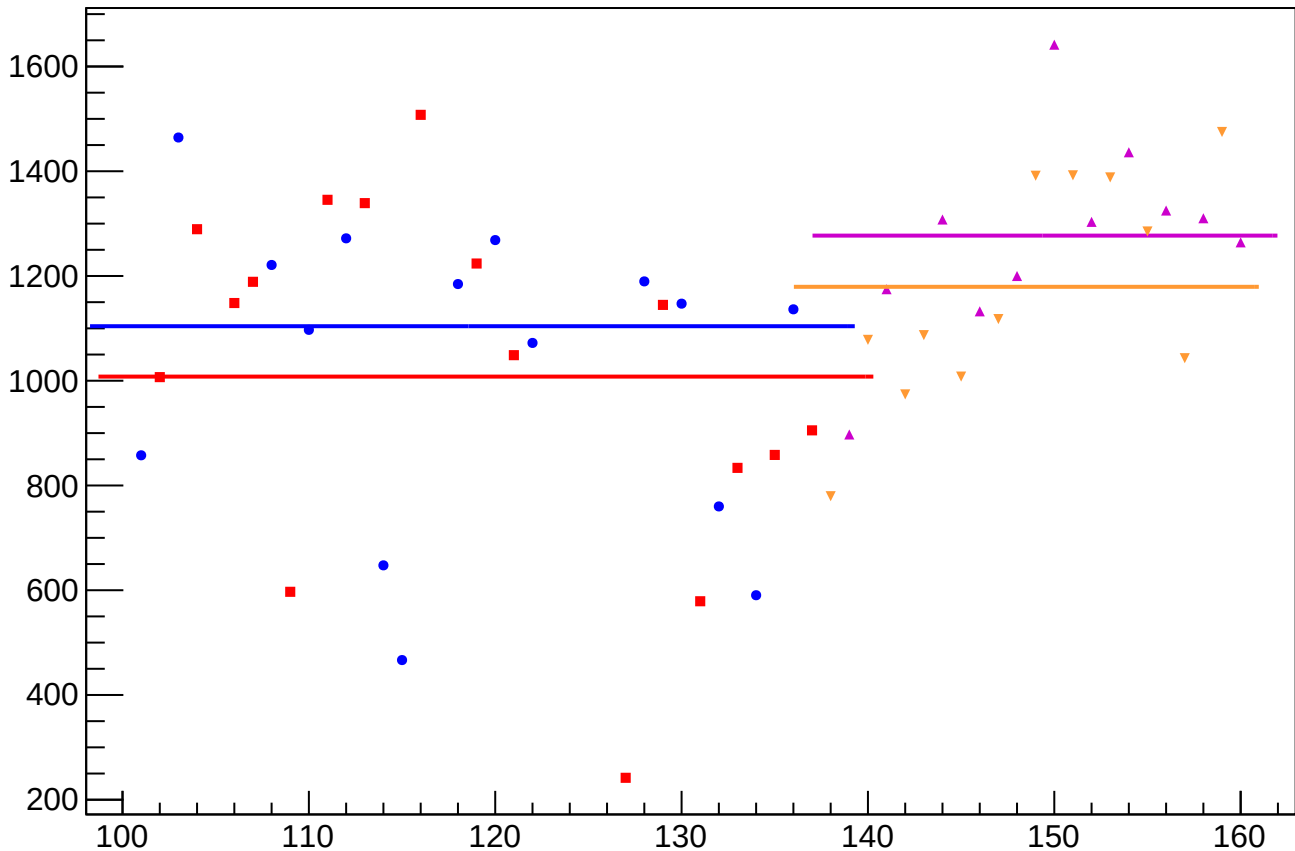
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14

Left Out: 460.312 $\pm$ 0.000 χ^2 /NDF: 6754606428371283053517529701630869504.0/11

Right Out: 507.987 $\pm$ 0.000 χ^2 /NDF: 76689734698308464337881841969555046400.0/15

Left In: 471.219 $\pm$ 0.000 χ^2 /NDF: 744597321916033625746772011051745280.0/10

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

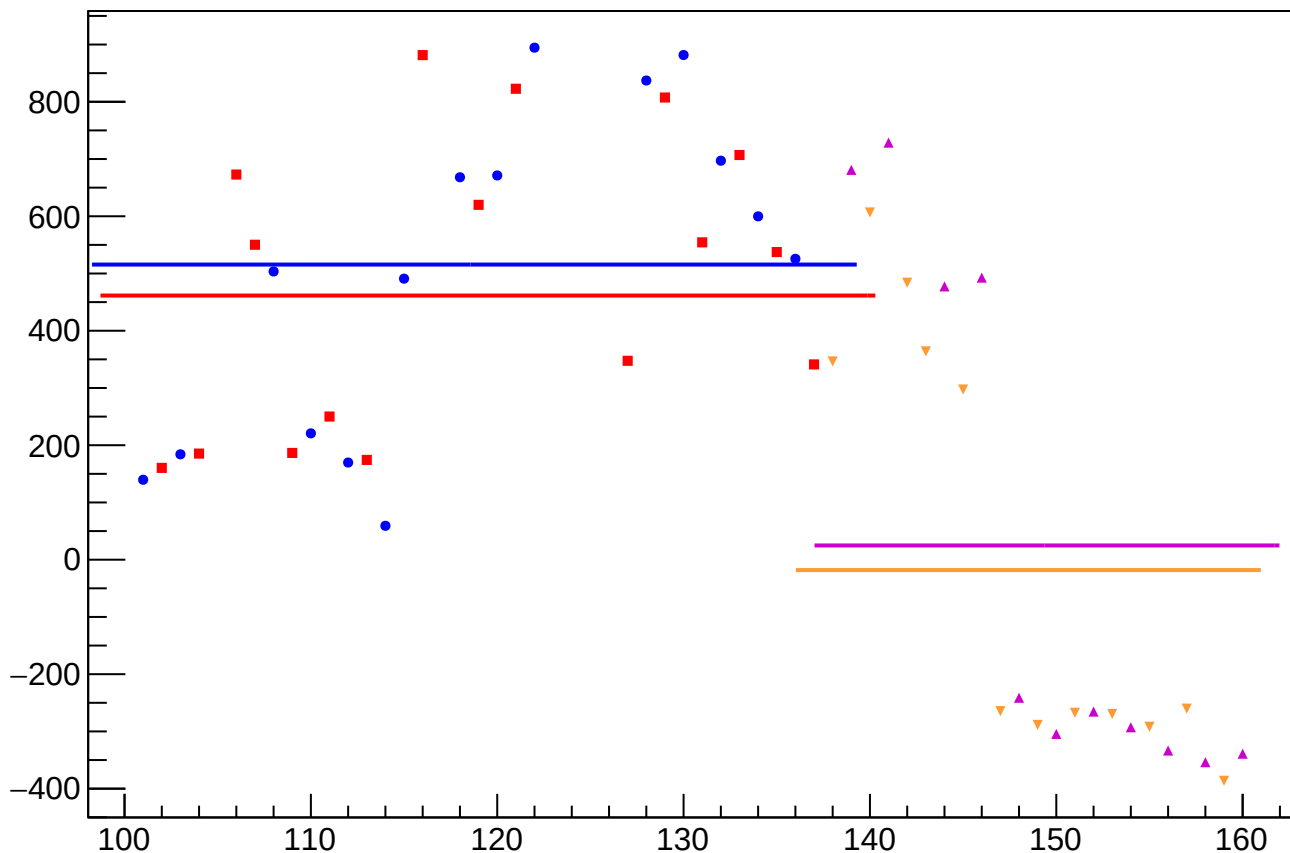
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

+ sign 203.495+/-0.000 χ^2/NDF : 270613075260864

Left Out: -18.146+/-0.000 χ^2/NDF : 114014627327363890146179797072763420672.0/11

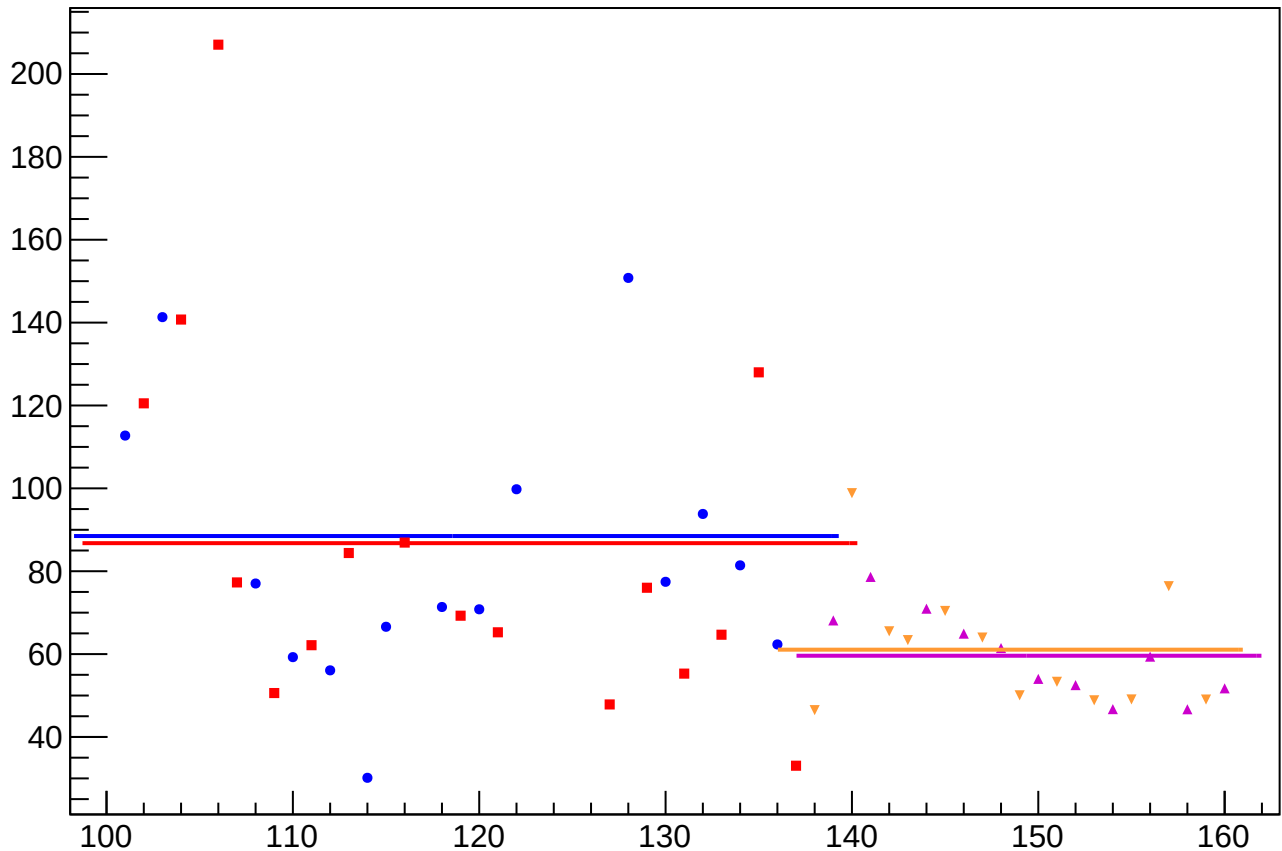
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

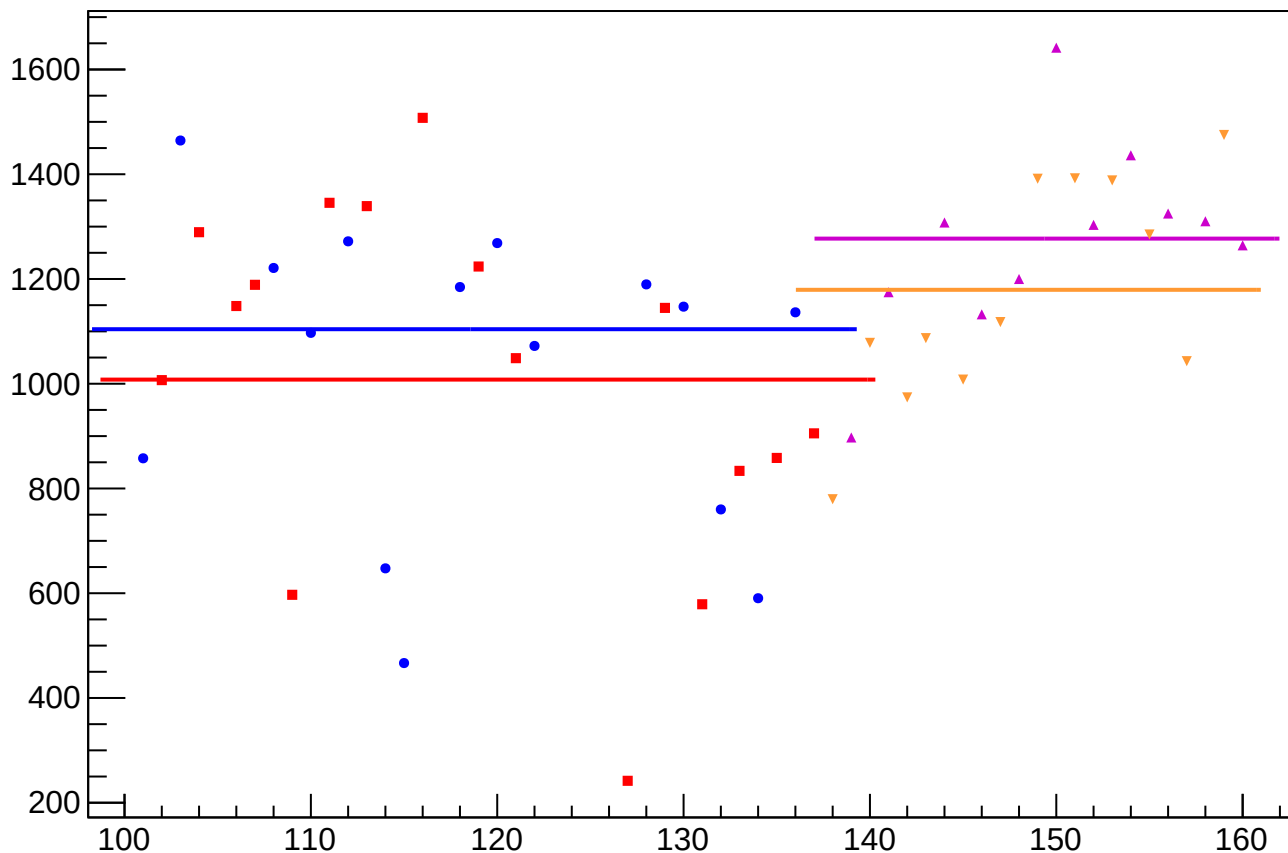
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14
 Left Out: 61.067+/-0.000 χ^2/NDF : 211507080213048507647331077961285632.0/11
 Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15
 Left In: 59.604+/-0.000 χ^2/NDF : 90862625181985664375323463168032768.0/10

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

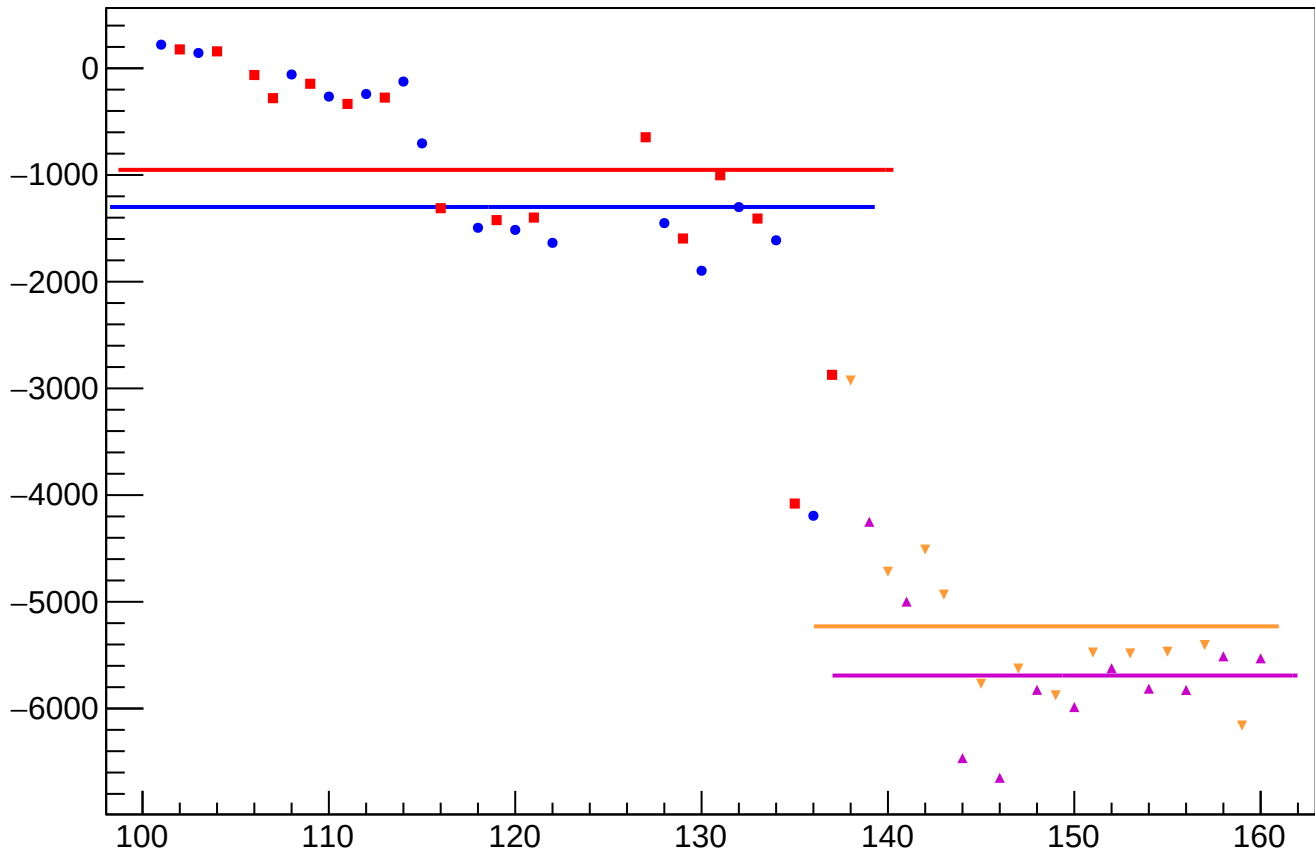
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -5230.164+/-0.000

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426
 χ^2/NDF : 621337546754048275745011650527081005056.0/11

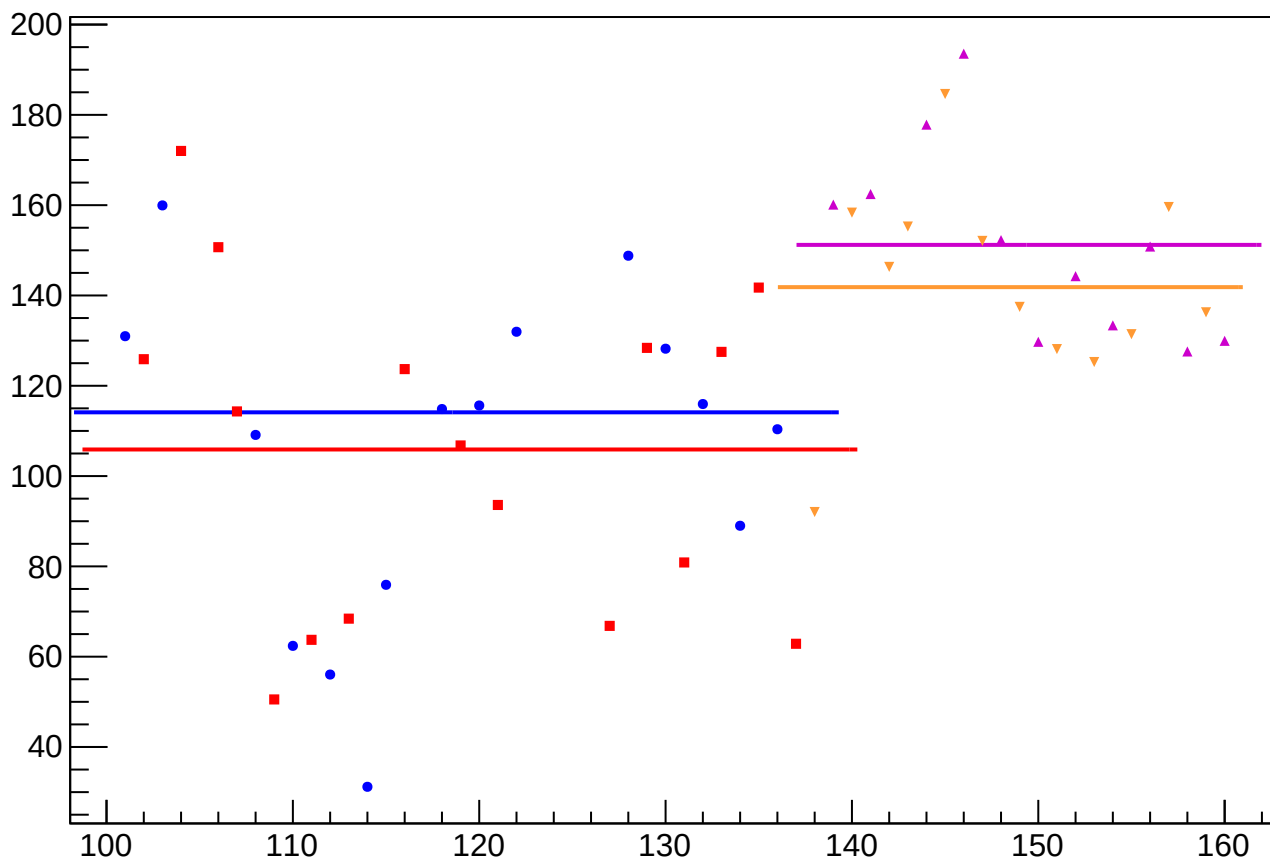
Right Out: -951.903+/-0.000

All: -3651.666+/-0.000 χ^2/NDF : 1758908860
 χ^2/NDF : 841314696863657044174468284217089327104.0/15

Left In: -5690.941+/-0.000

- sign -3704.179+/-0.000 χ^2/NDF : 98968619860202
 χ^2/NDF : 355774620722948866968040460749891436544.0/10

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

+ sign 130.331+/-0.000 χ^2/NDF : 135424557525506

Left Out: 141.844+/-0.000 χ^2/NDF : 455273254245846333149237795723673600.0/11

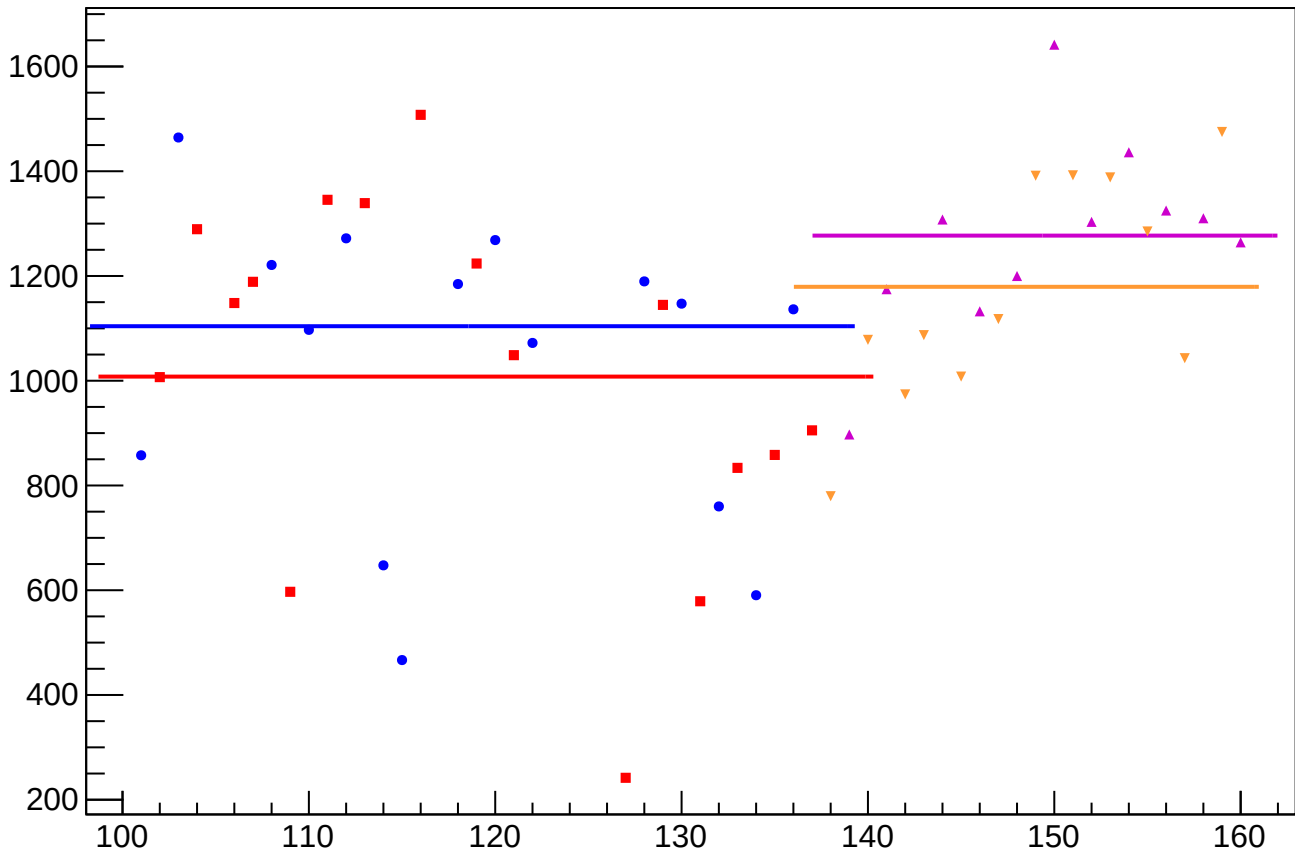
All: 131.277+/-0.000 χ^2/NDF : 338649926322

Right Out: 105.890+/-0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

- sign 132.206+/-0.000 χ^2/NDF : 202948230636755

Left In: 151.203+/-0.000 χ^2/NDF : 382227652604999337577431549784096768.0/10

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

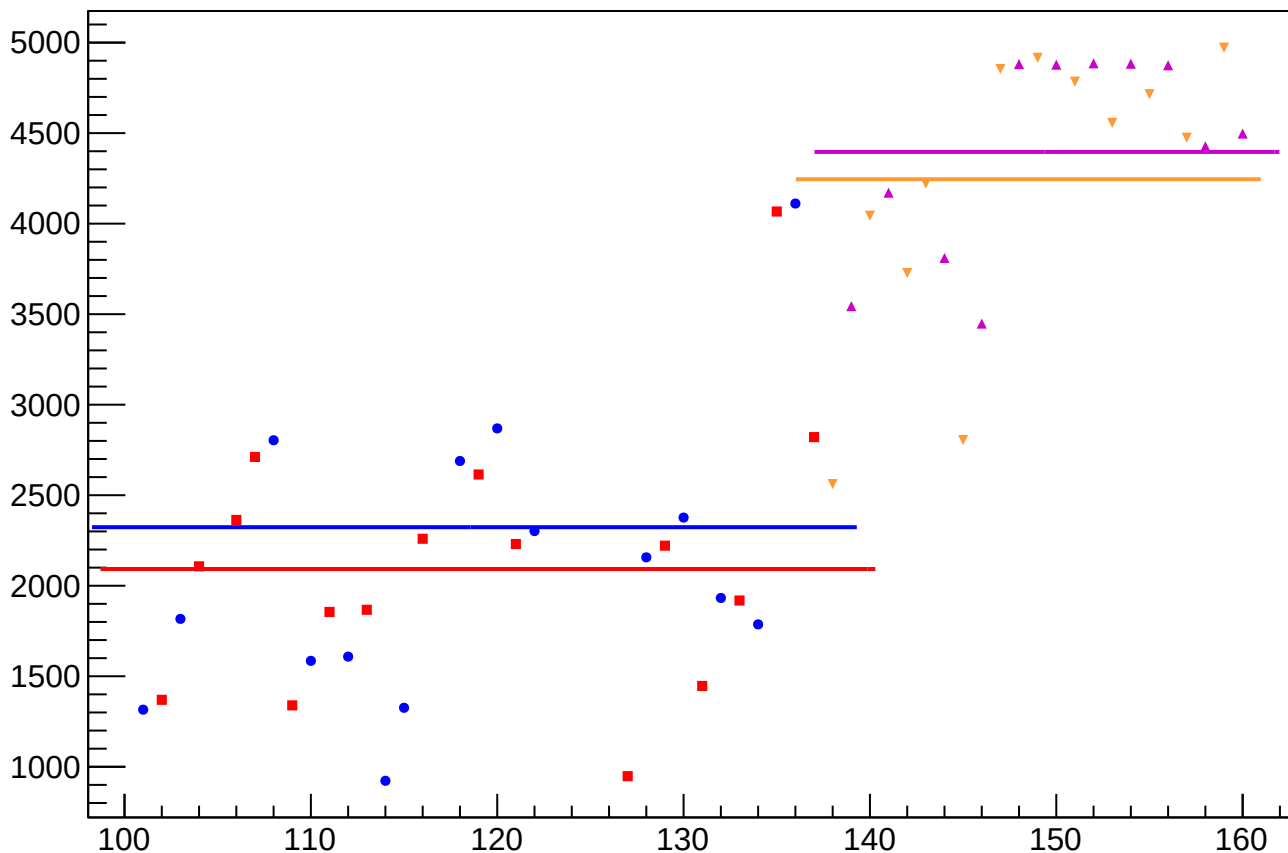
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

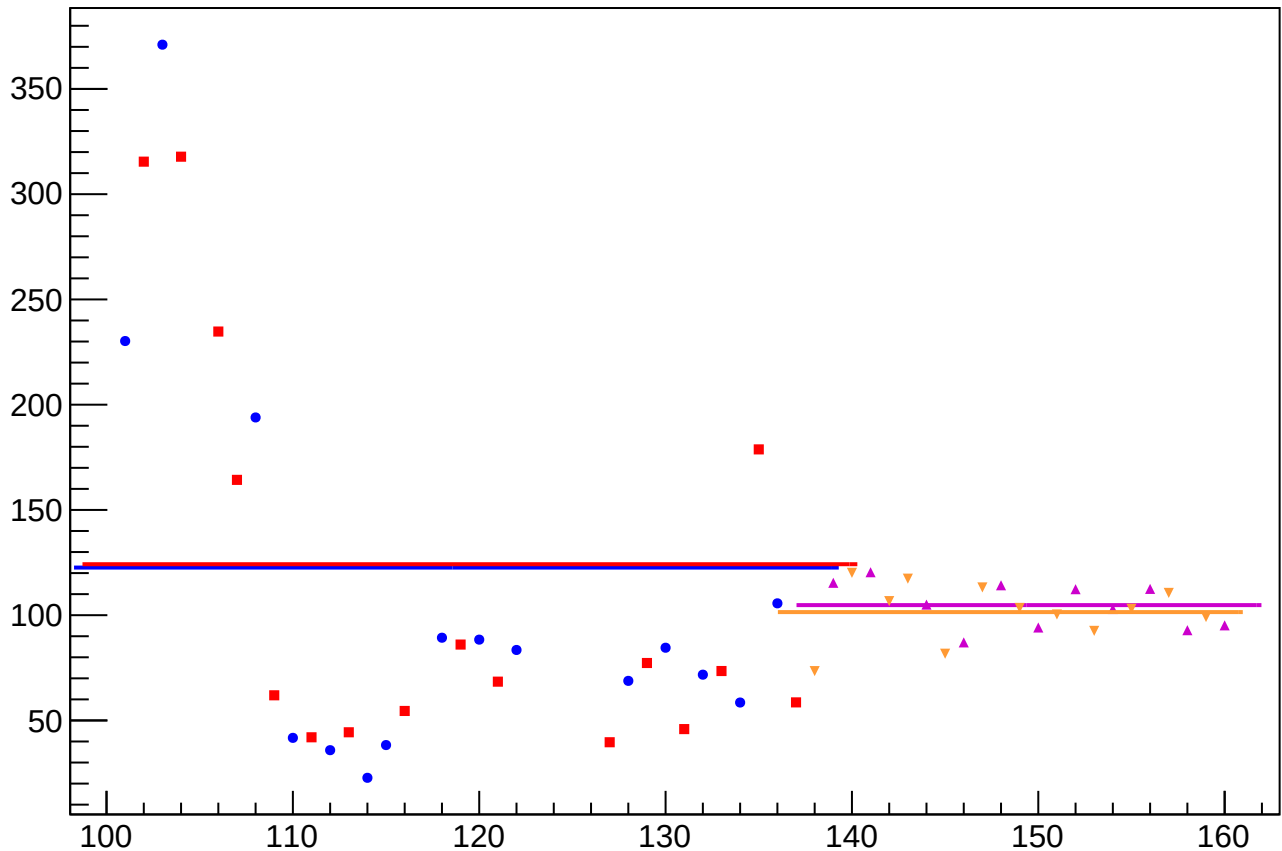
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- sign 3430.319+/-0.000	χ^2/NDF : 26930874223674
Left In: 4396.069+/-0.000	χ^2/NDF : 270326441631367265143713722564756897792.0/10		

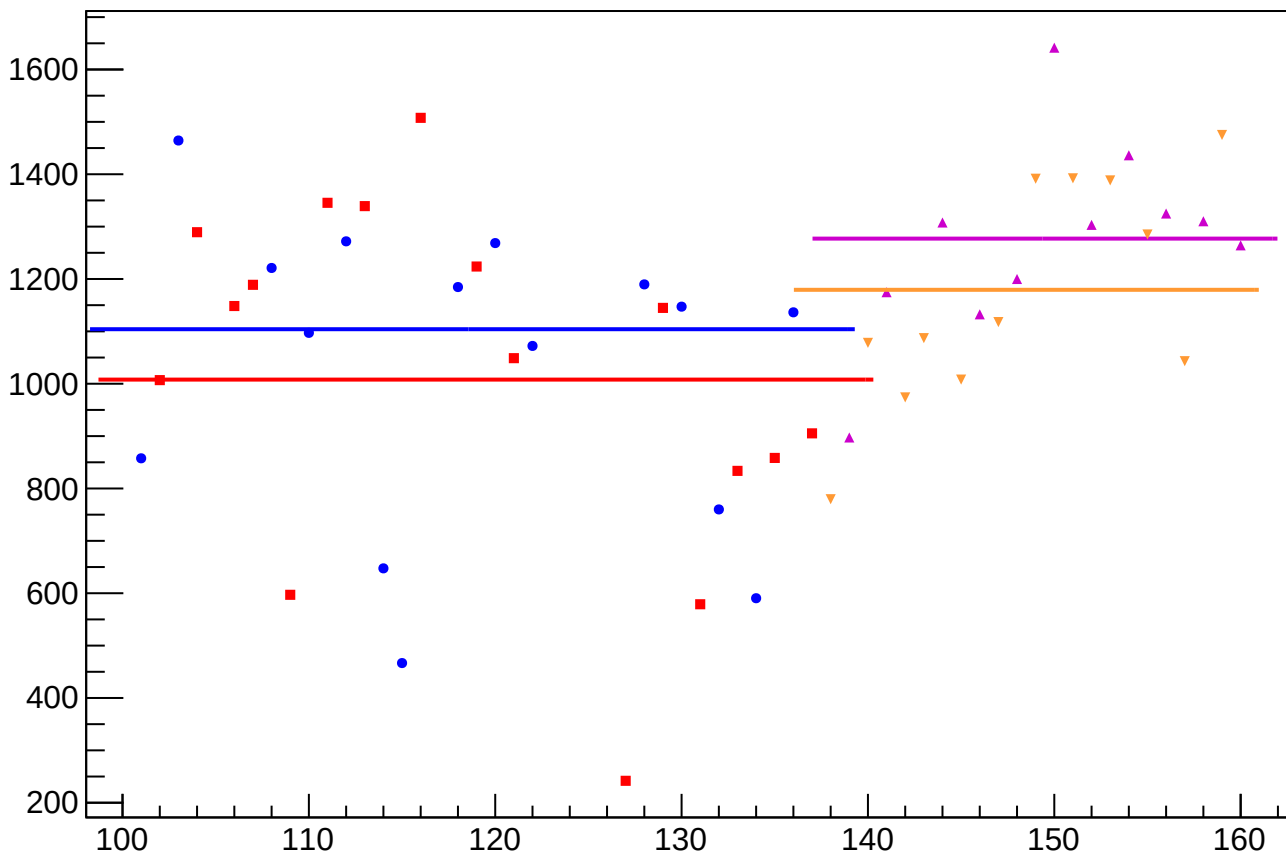
dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000	χ^2/NDF : 5937504661187691145903235842749497344.0/14
Left Out: 101.470+/-0.000	χ^2/NDF : 163606586609215515174601139620413440.0/11
Right Out: 124.216+/-0.000	χ^2/NDF : 6549627589629012958791202941129719808.0/15
Left In: 104.786+/-0.000	χ^2/NDF : 102013785381333837493435451846950912.0/10

+ sign 110.253+/-0.000 χ^2/NDF : 627090967671002
 All: 111.604+/-0.000 χ^2/NDF : 130744524723
 - sign 112.932+/-0.000 χ^2/NDF : 679788337218710

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

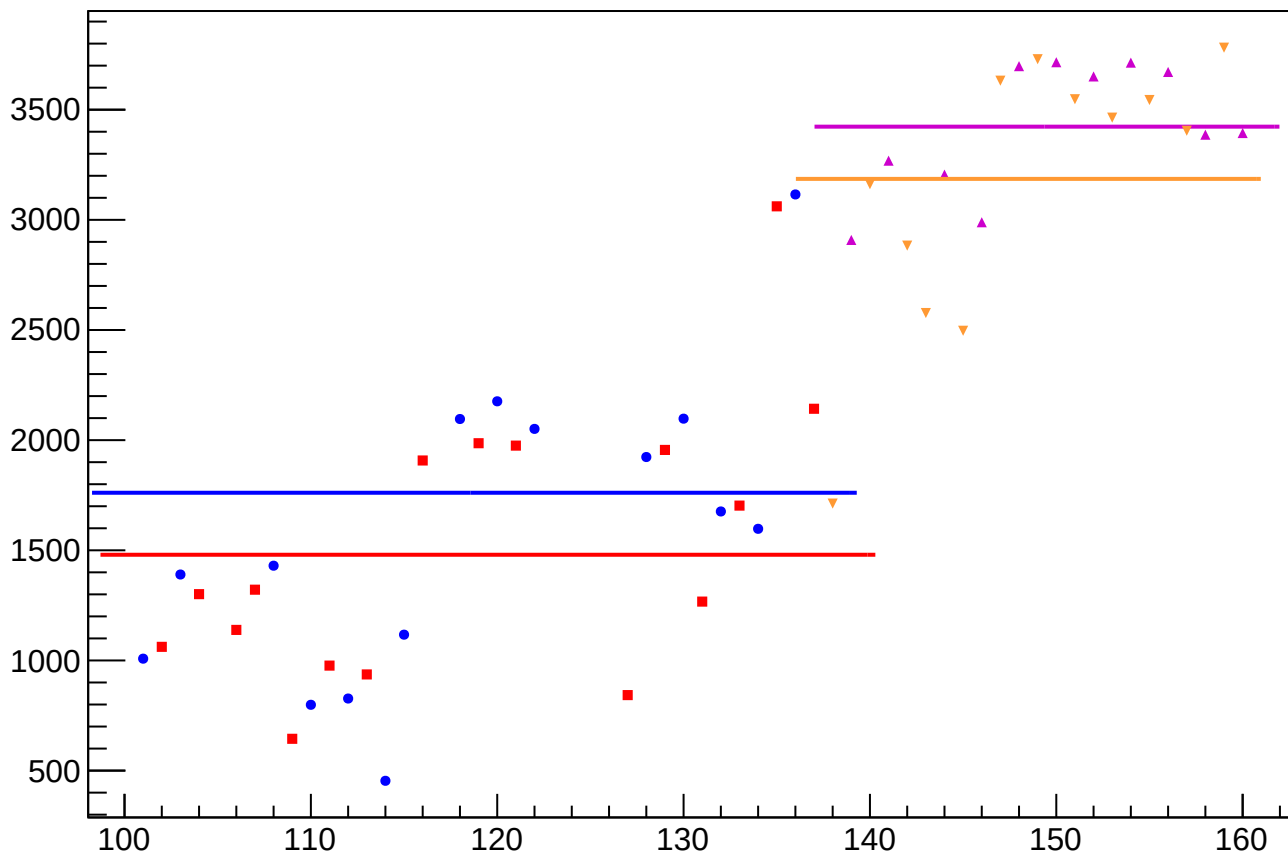
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

+ sign 2594.359+/-0.000 χ^2/NDF : 14374646884324

Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

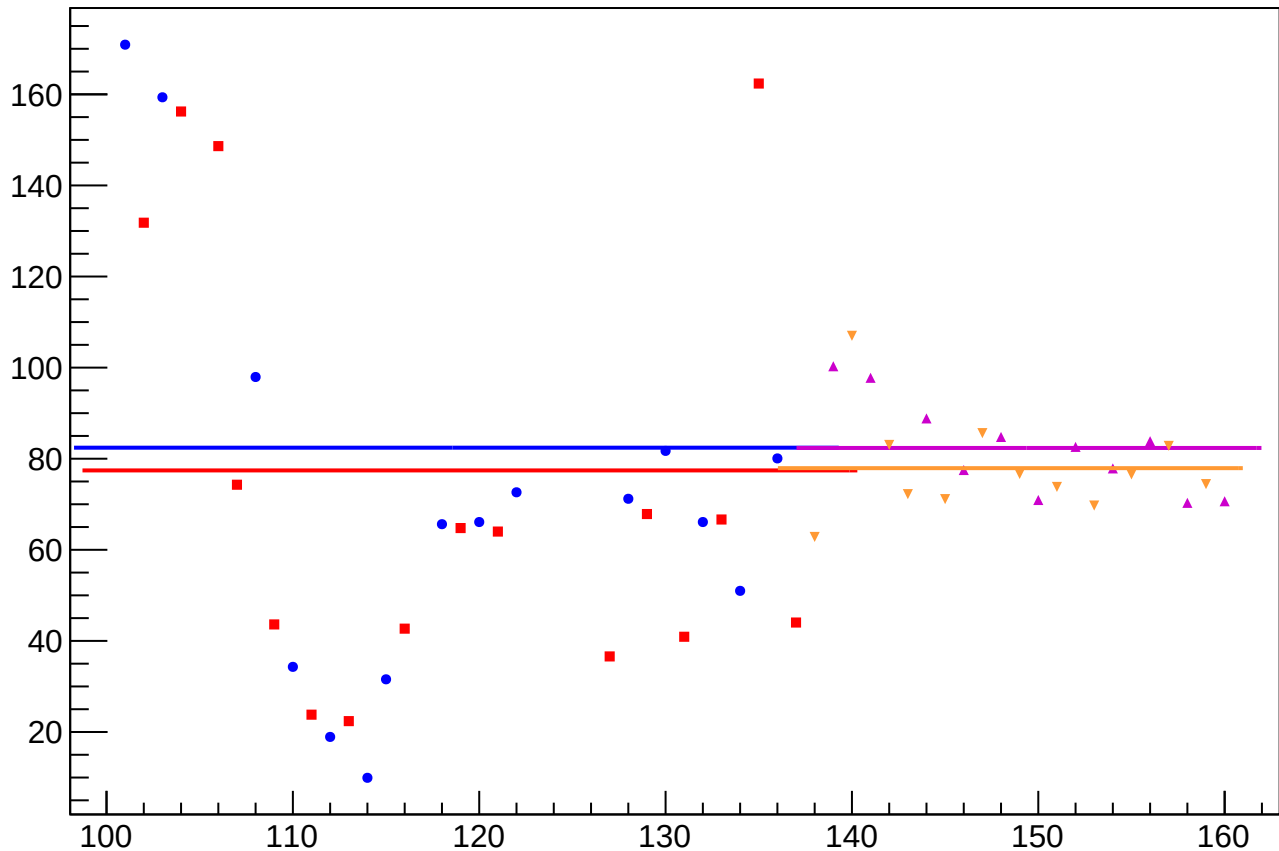
All: 2601.420+/-0.000 χ^2/NDF : 32383742993

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

- sign 2608.357+/-0.000 χ^2/NDF : 18007551336700

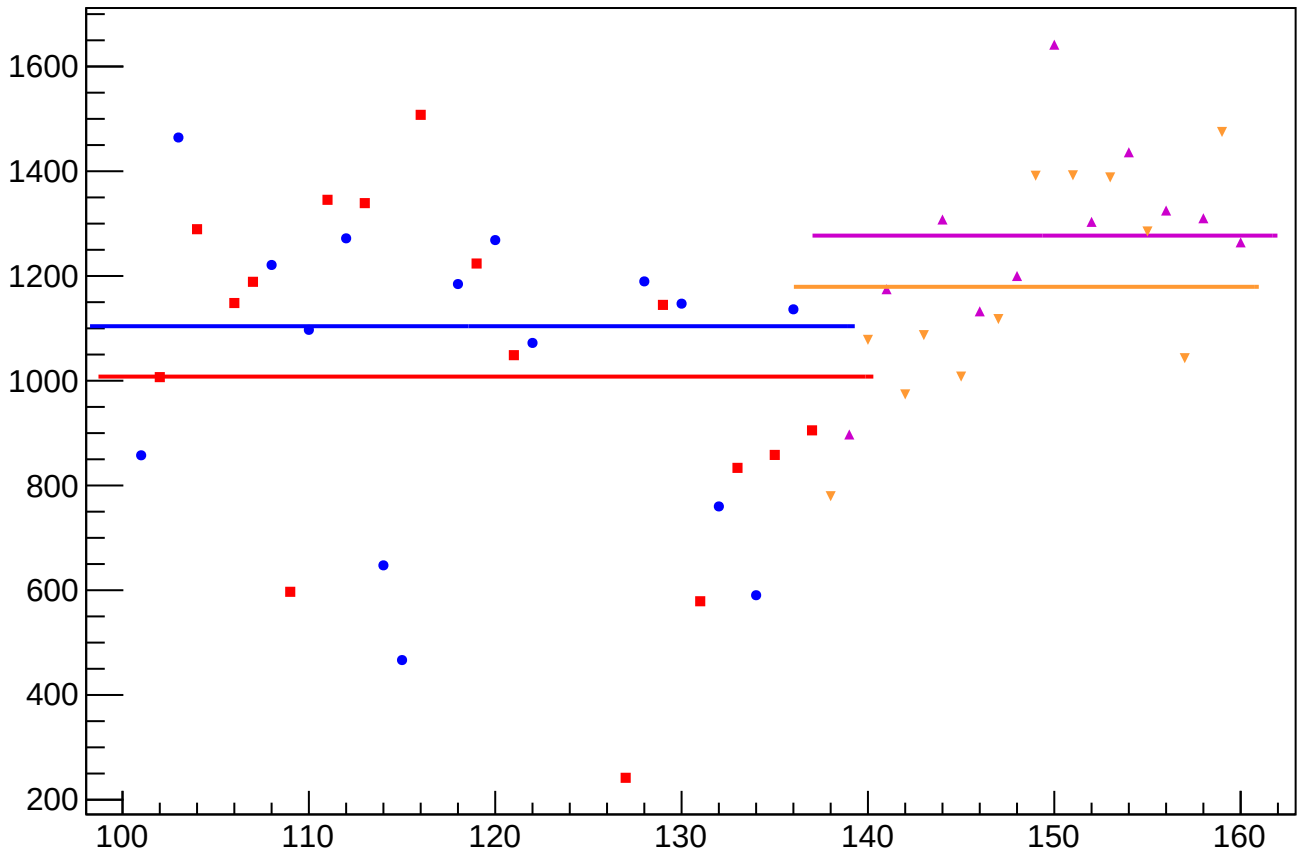
Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

dit_sam8_coil3_err_mean vs Slug



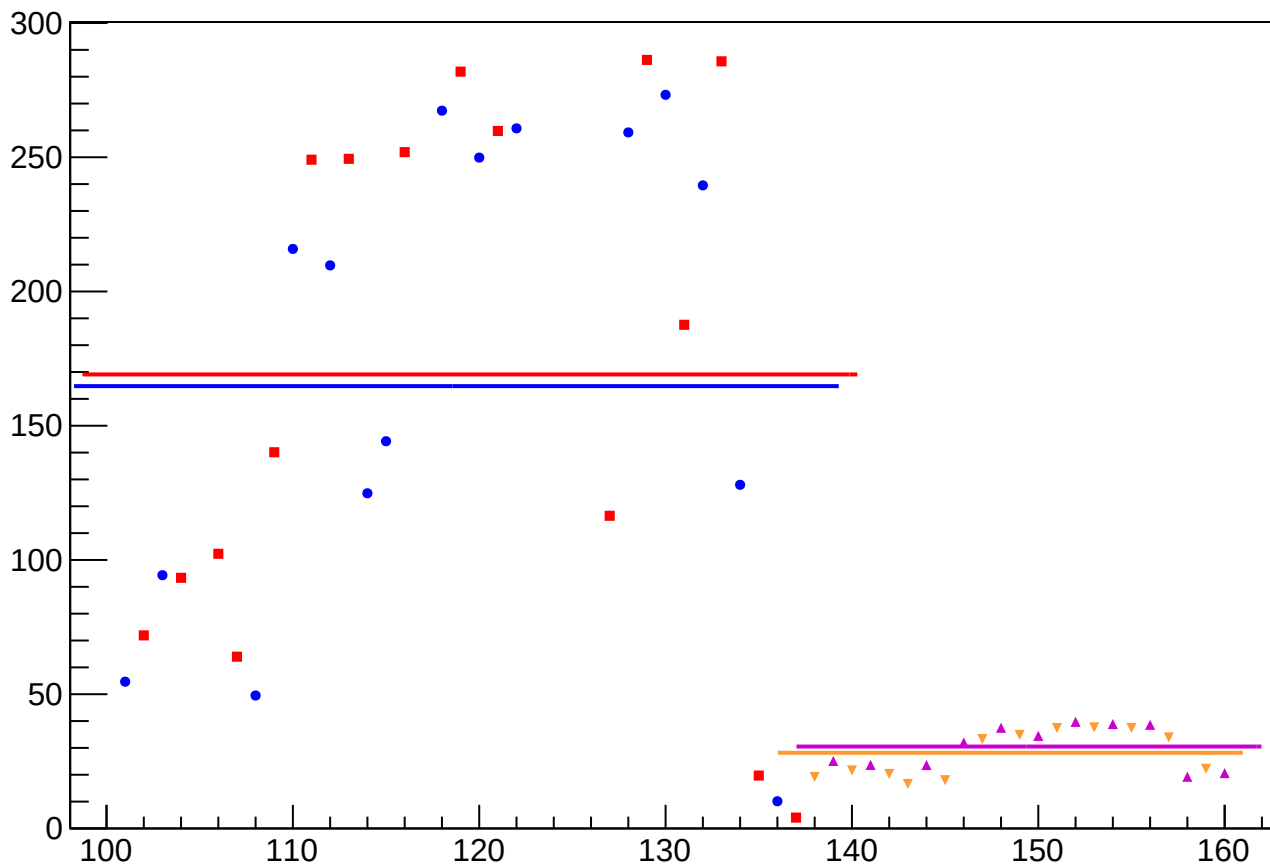
Right In: 82.422+/-0.000	χ^2/NDF : 1263633347129443757477527241185296384.0/14	+ sign 79.794+/-0.000	χ^2/NDF : 1380118069986945
Left Out: 77.927+/-0.000	χ^2/NDF : 108816585289567770159719515210907648.0/11	All: 80.046+/-0.000	χ^2/NDF : 2993351942483
Right Out: 77.430+/-0.000	χ^2/NDF : 1515456409368458038568290276111024128.0/15	- sign 80.294+/-0.000	χ^2/NDF : 1613036492452020
Left In: 82.361+/-0.000	χ^2/NDF : 88160536769186096496846966890692608.0/10		

dit_sam8_coil3_Ndata_mean vs Slug



+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625
 All: 1156.244+/-0.000 χ^2/NDF : 20056102034
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



Right In: 164.752 $\pm$ 0.000 χ^2 /NDF: 6369828943181833917425699916554960896.0/14

+ sign 84.895 $\pm$ 0.000 χ^2 /NDF: 1350932583122595

Left Out: 28.192 $\pm$ 0.000 χ^2 /NDF: 62073928949862768083975059378536448.0/11

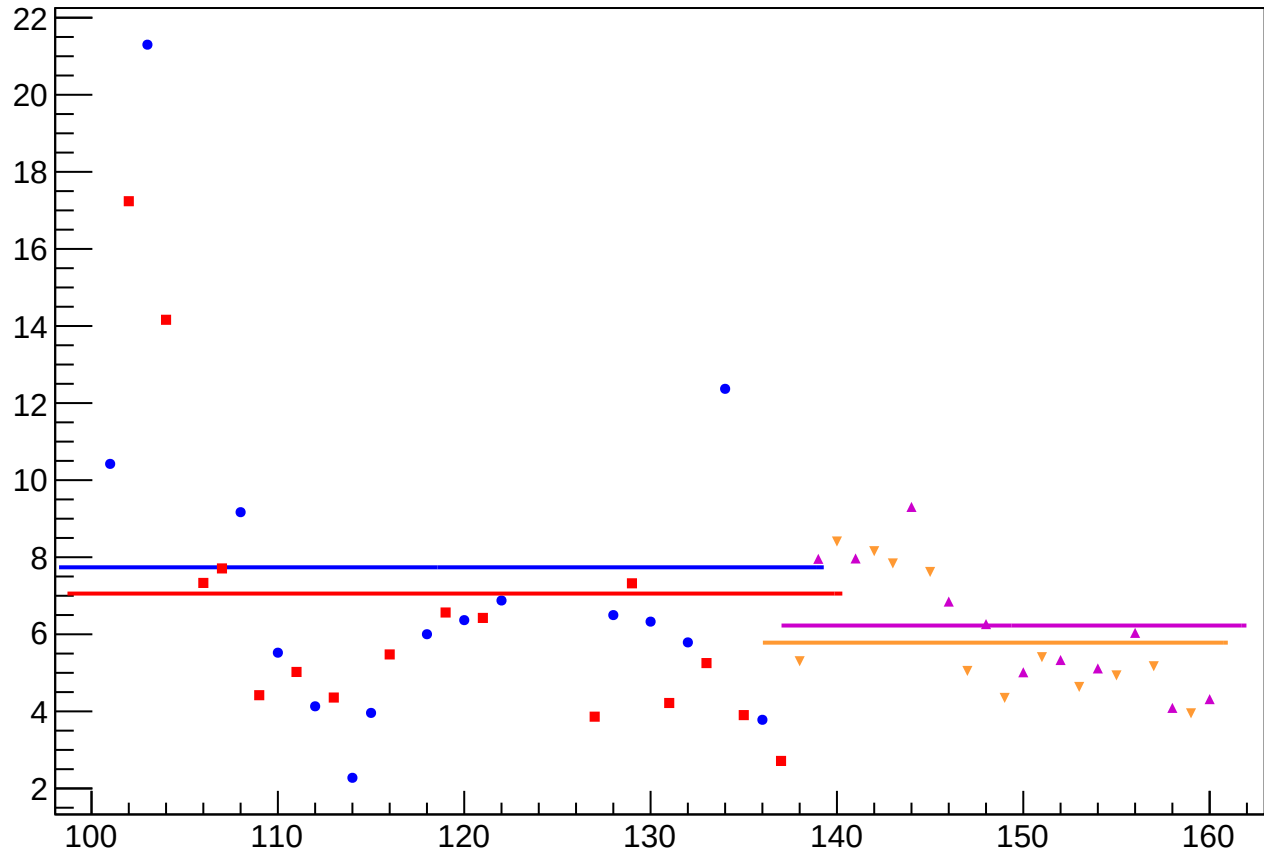
All: 86.771 $\pm$ 0.000 χ^2 /NDF: 2705497277682

Right Out: 169.108 $\pm$ 0.000 χ^2 /NDF: 6040721802042936822766910687819071488.0/15

- sign 88.613 $\pm$ 0.000 χ^2 /NDF: 1353475070284198

Left In: 30.507 $\pm$ 0.000 χ^2 /NDF: 52600700148274049801586699671699456.0/10

dit_4aX_coil7_err_mean vs Slug



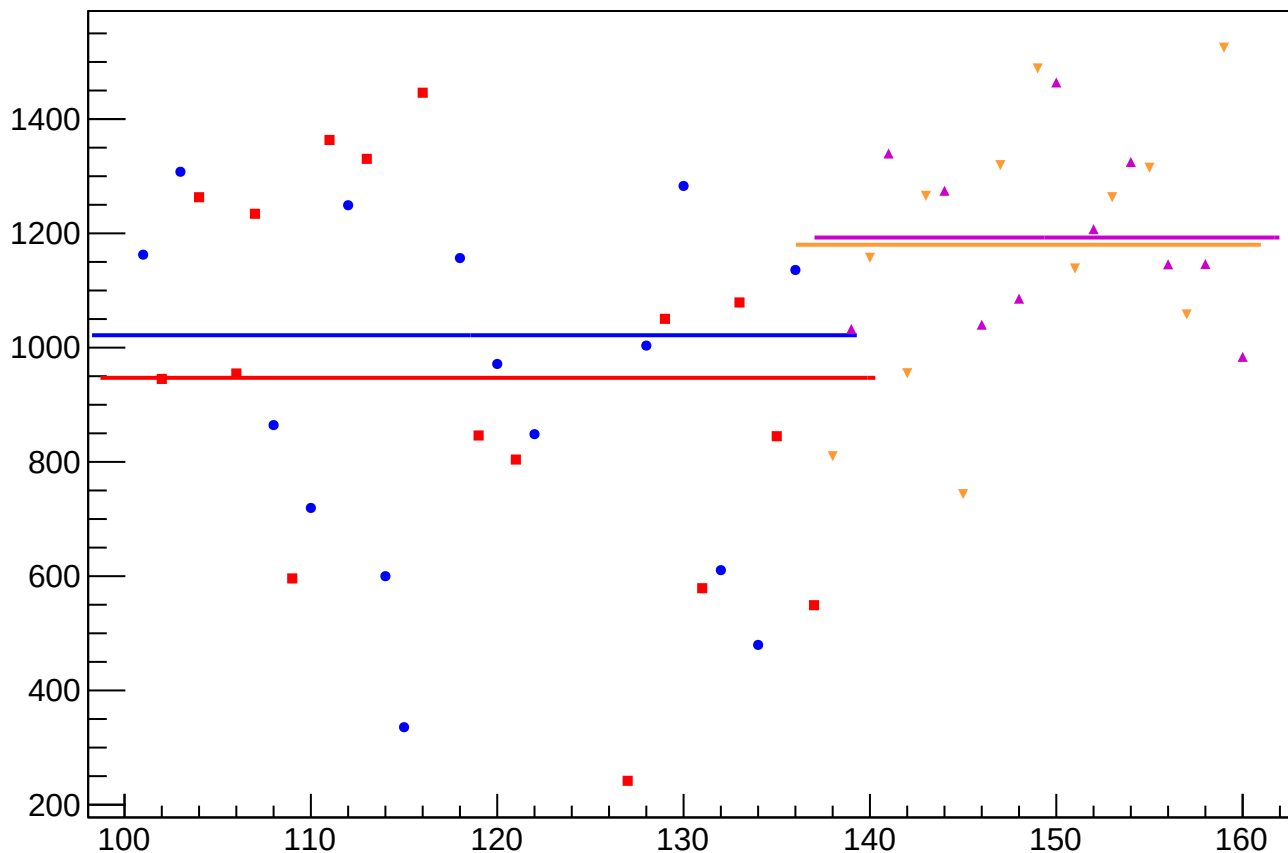
Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.783+/-0.000 χ^2/NDF : 2082103650411209995862519006101504.0/11

Right Out: 7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

Left In: 6.228+/-0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

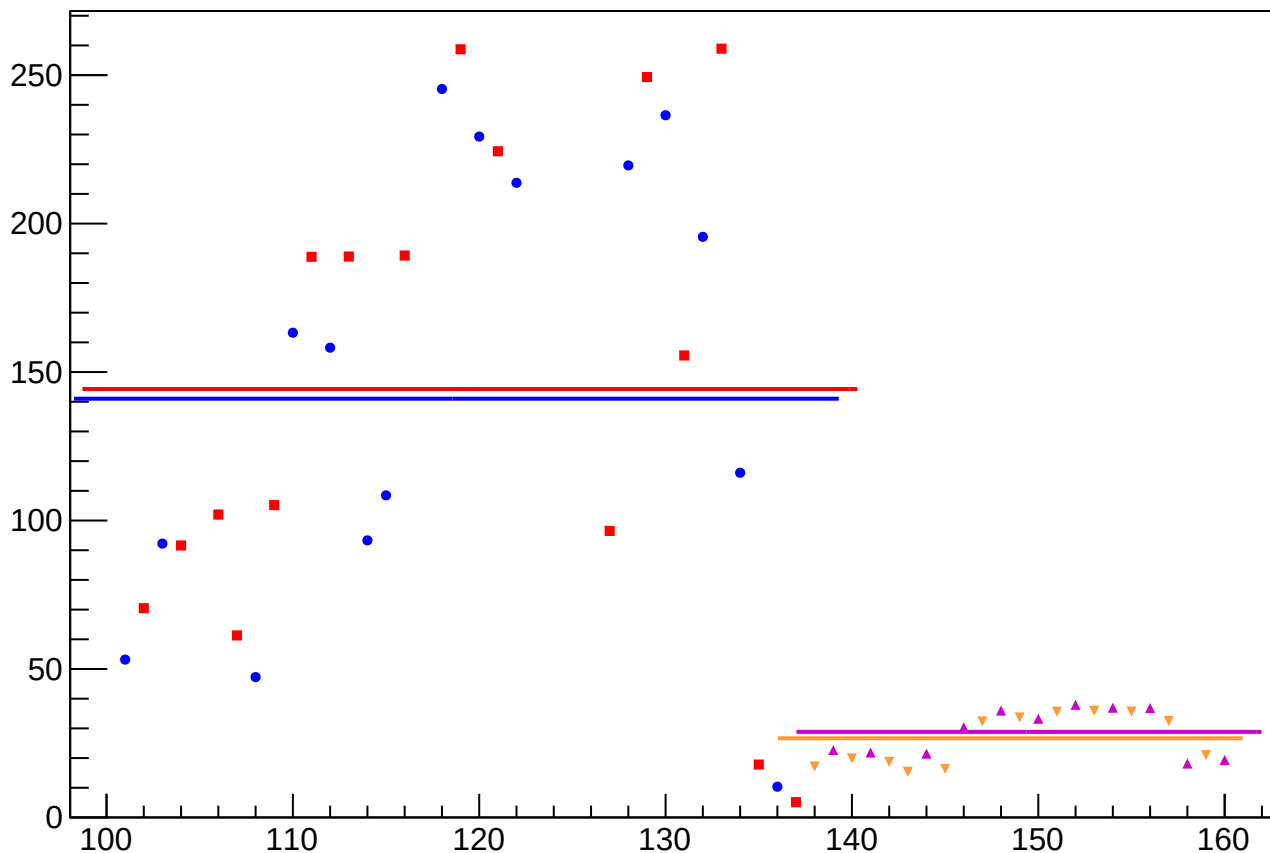
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

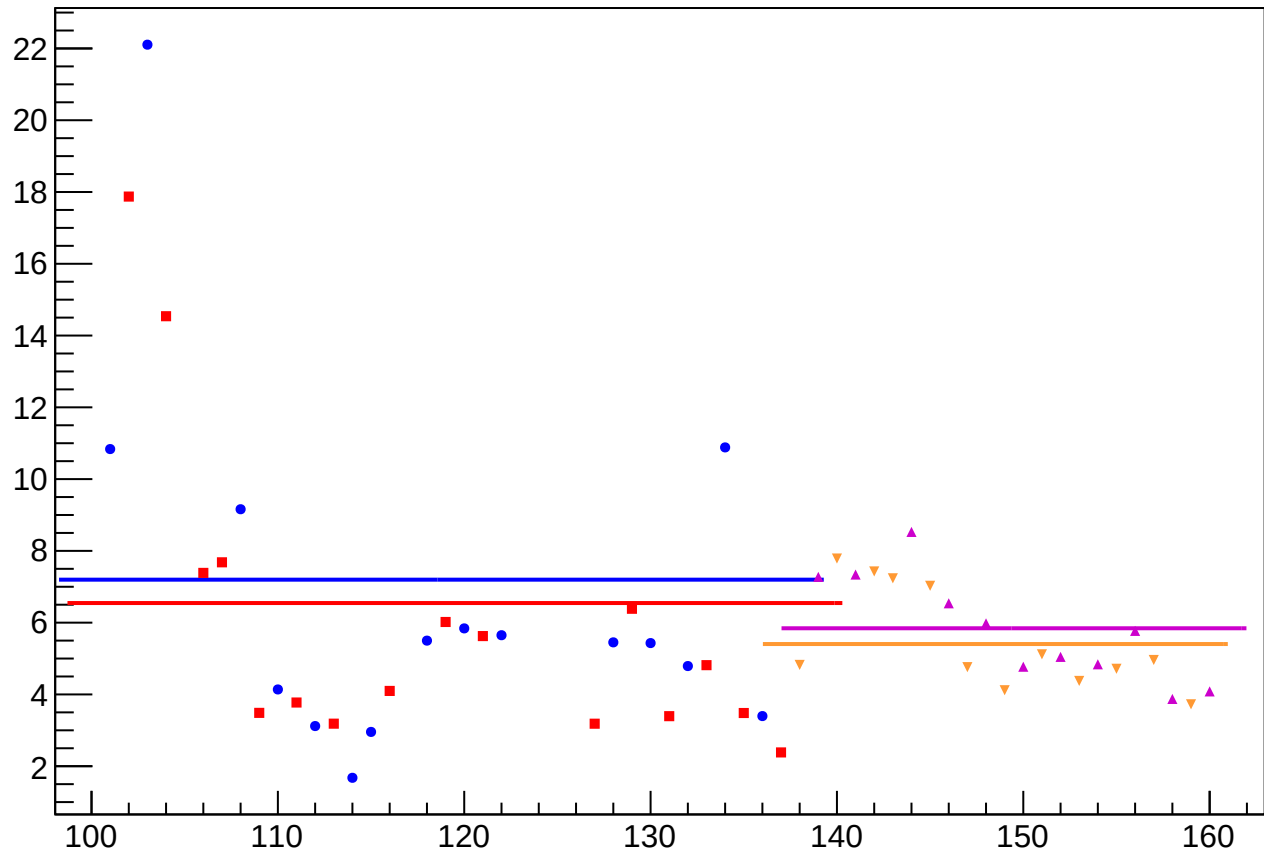
Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

All: 75.703+/-0.000 χ^2/NDF : 1902686413208

dit_4eX_coil7_err_mean vs Slug



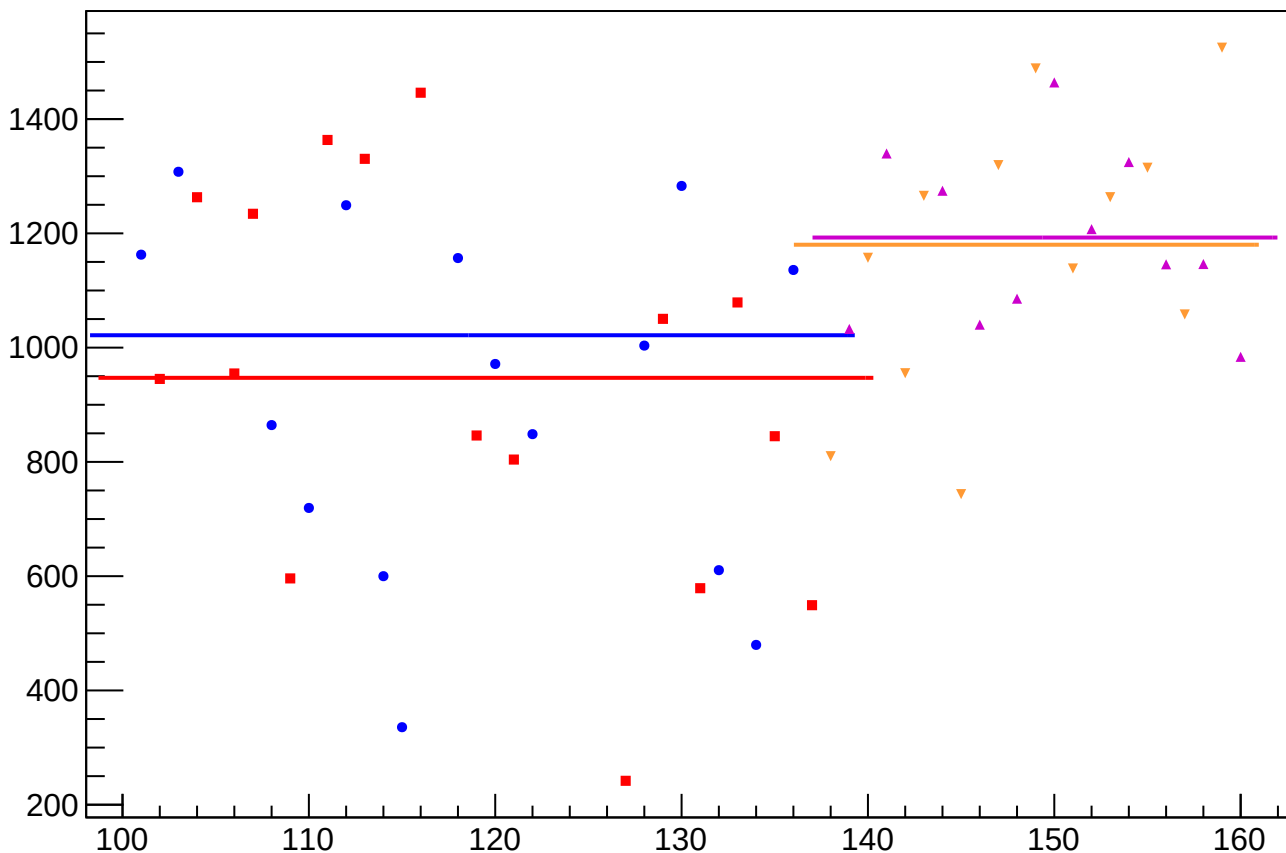
Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF : 1657476673222734549536062415306752.0/11

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

Left In: 5.843+/-0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

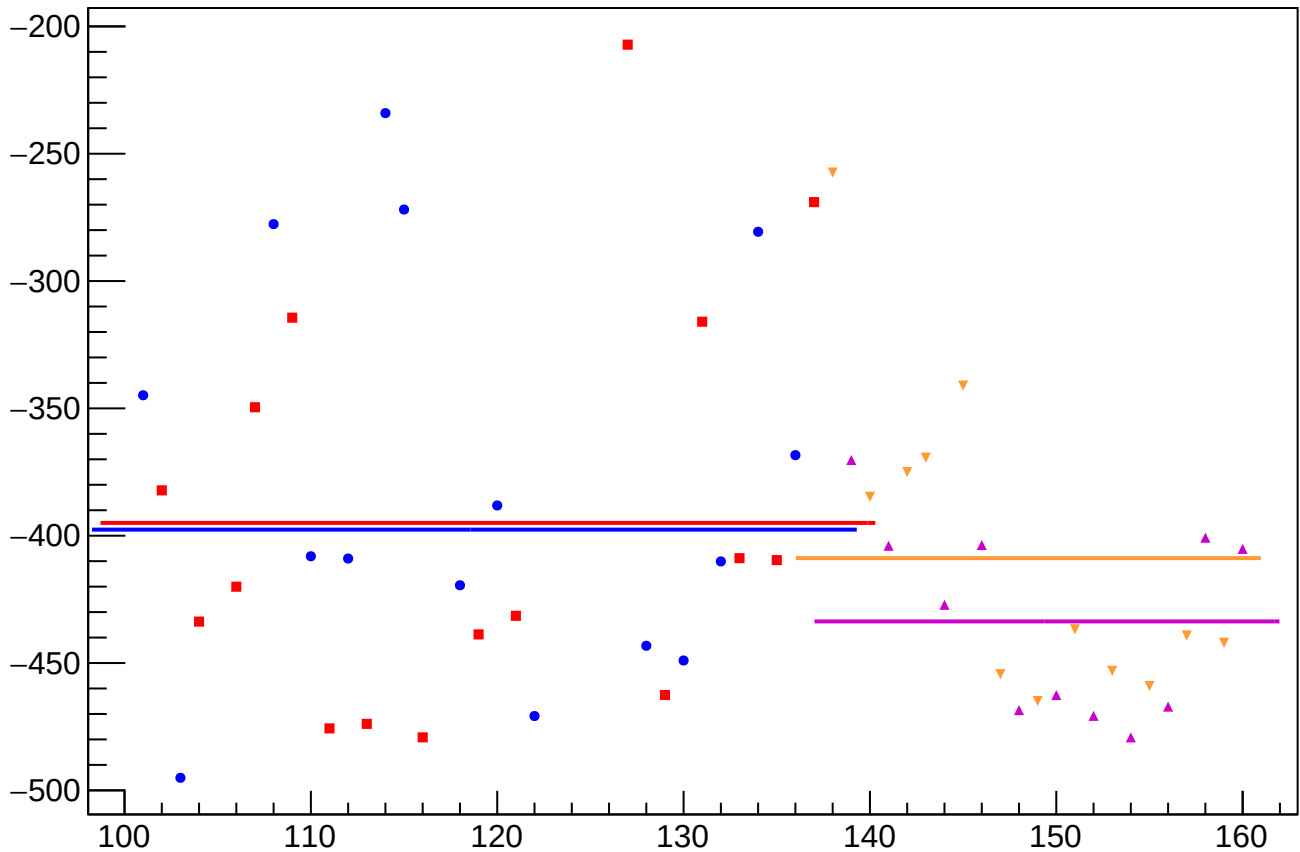
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

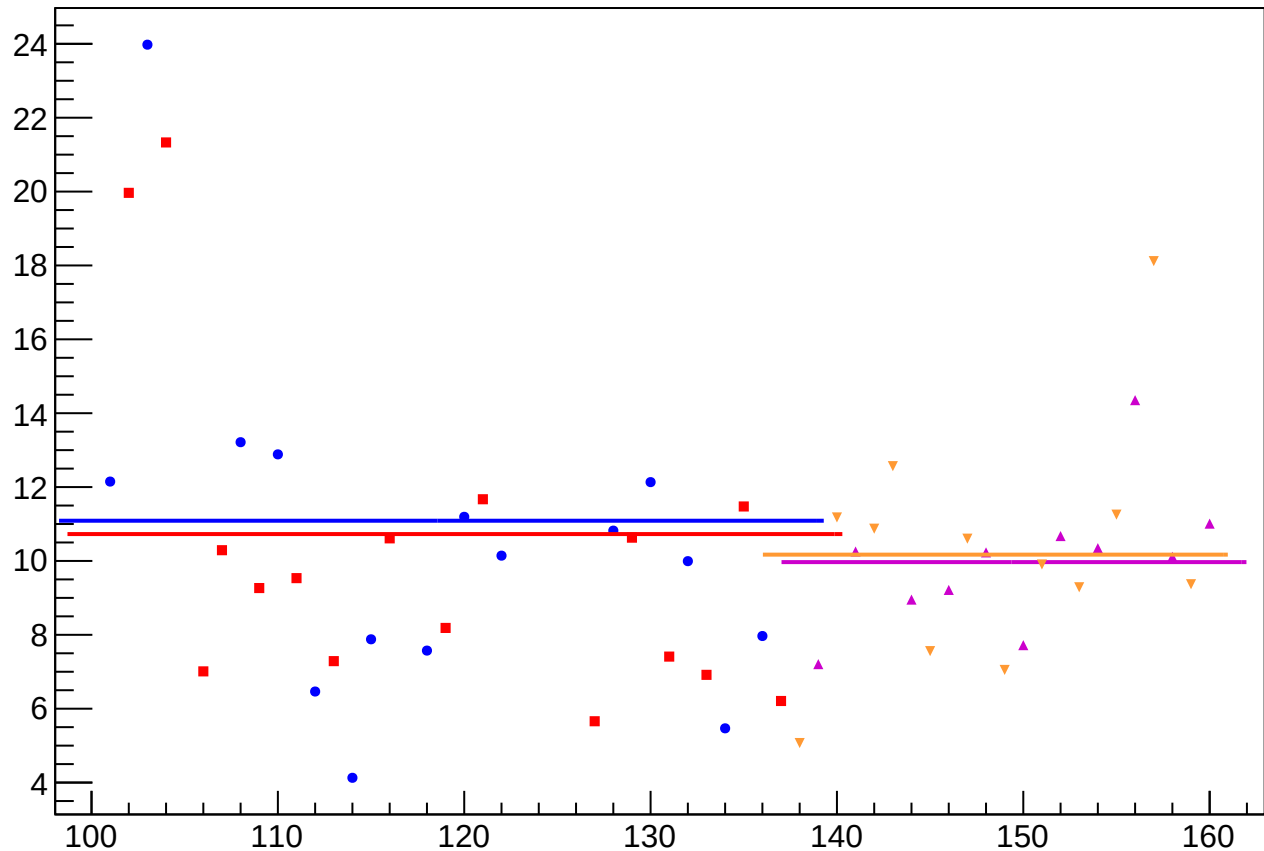
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000	χ^2/NDF : 2661280785384633207096106229474263040.0/14	+ sign -404.151+/-0.000	χ^2/NDF : 60752984444318
Left Out: -408.794+/-0.000	χ^2/NDF : 3366573213961692909439105040404971520.0/11	All: -410.856+/-0.000	χ^2/NDF : 11678350413
Right Out: -394.973+/-0.000	χ^2/NDF : 3685595513427183501596165280874102784.0/15	- sign -417.444+/-0.000	χ^2/NDF : 54637466246081
Left In: -433.664+/-0.000	χ^2/NDF : 1198237421385461104687495484599697408.0/10		

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

Left Out: 10.171 $\pm$ 0.000 χ^2 /NDF: 9089684940831859823552687731900416.0/11

Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

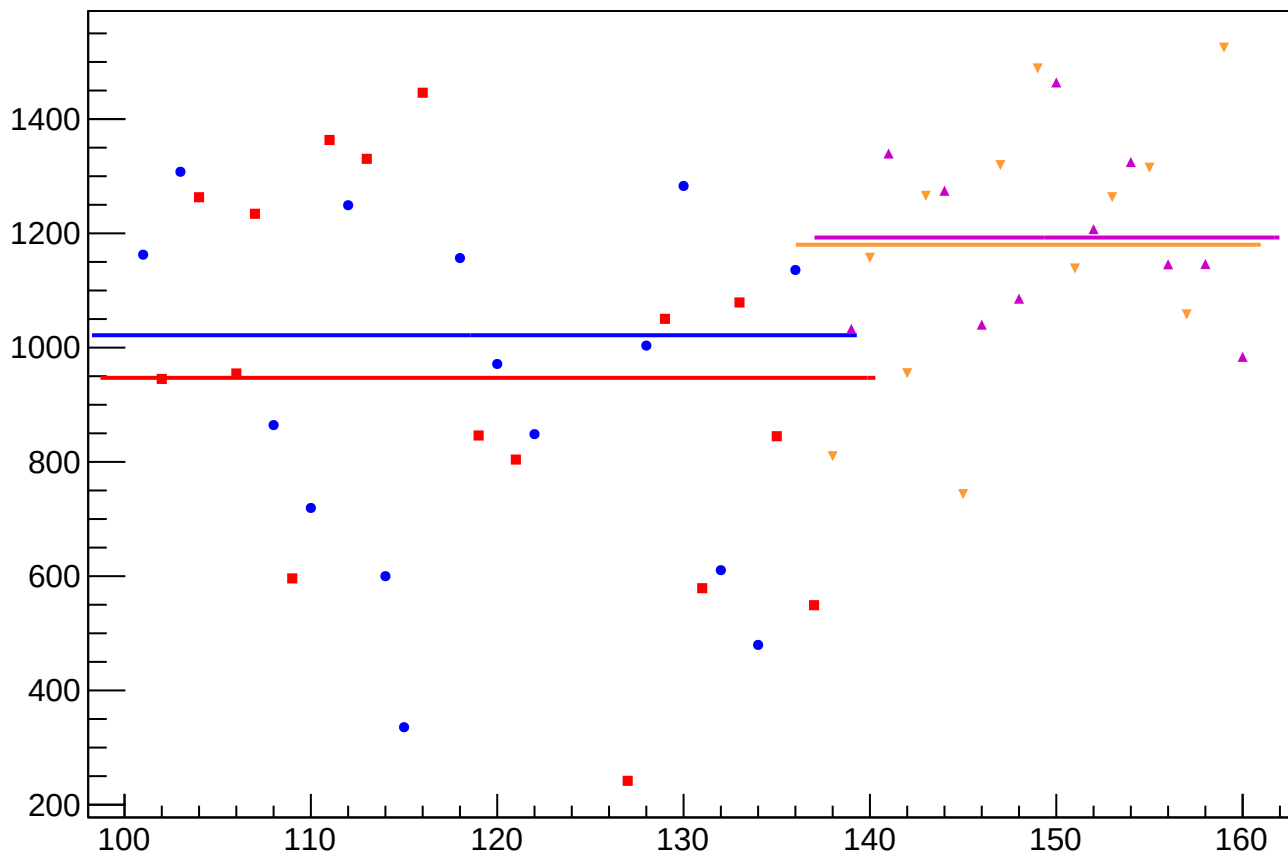
Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

All: 10.418 $\pm$ 0.000 χ^2 /NDF: 4159719349794

+ sign 10.552 $\pm$ 0.000 χ^2 /NDF: 2364557431902666

- sign 10.287 $\pm$ 0.000 χ^2 /NDF: 1789615499240610

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

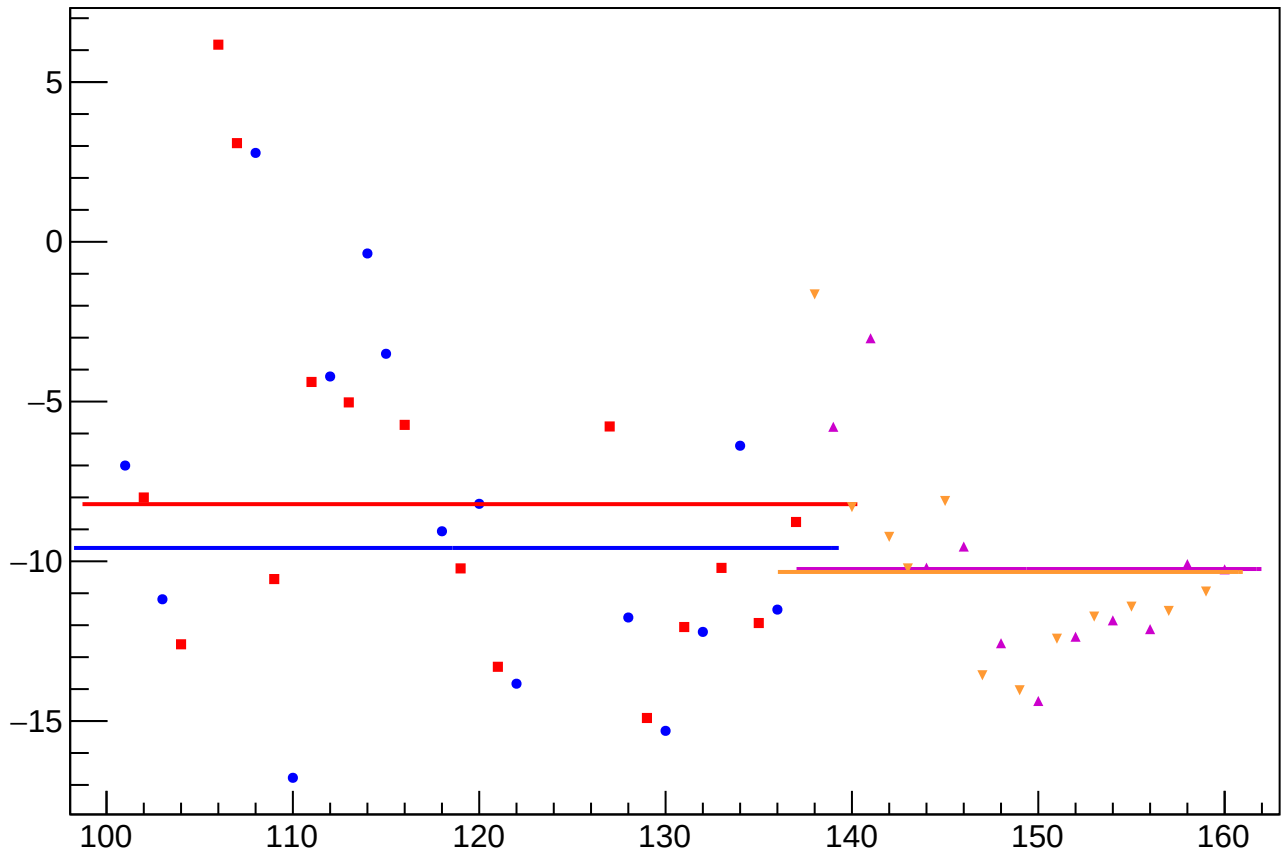
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

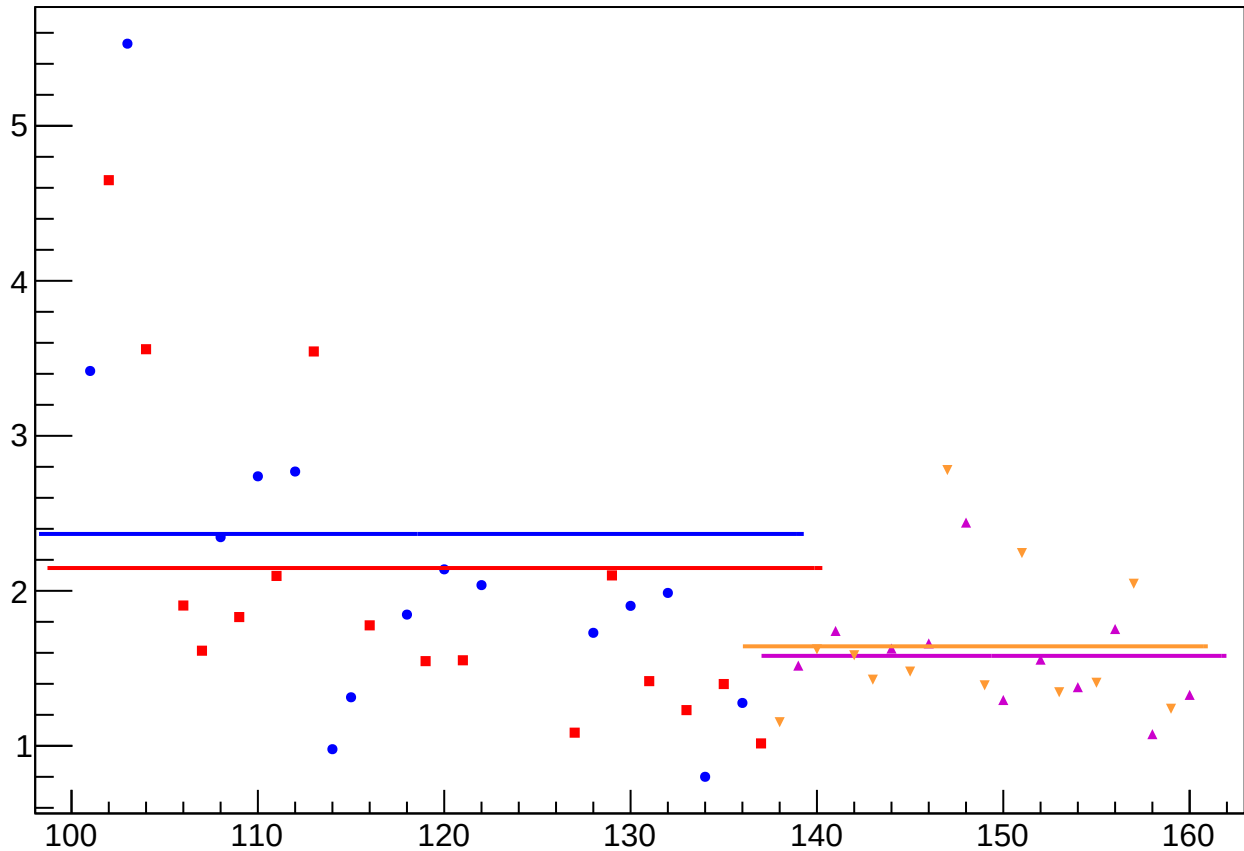
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aY_coil7_mean vs Slug



Right In: -9.582 ± 0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14
 Left Out: -10.333 ± 0.000 χ^2/NDF : 9377692425026365375047041474887680.0/11
 Right Out: -8.211 ± 0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15
 Left In: -10.241 ± 0.000 χ^2/NDF : 8992829088408430483485977772818432.0/10

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 195842148226043527039909915262976.0/11

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

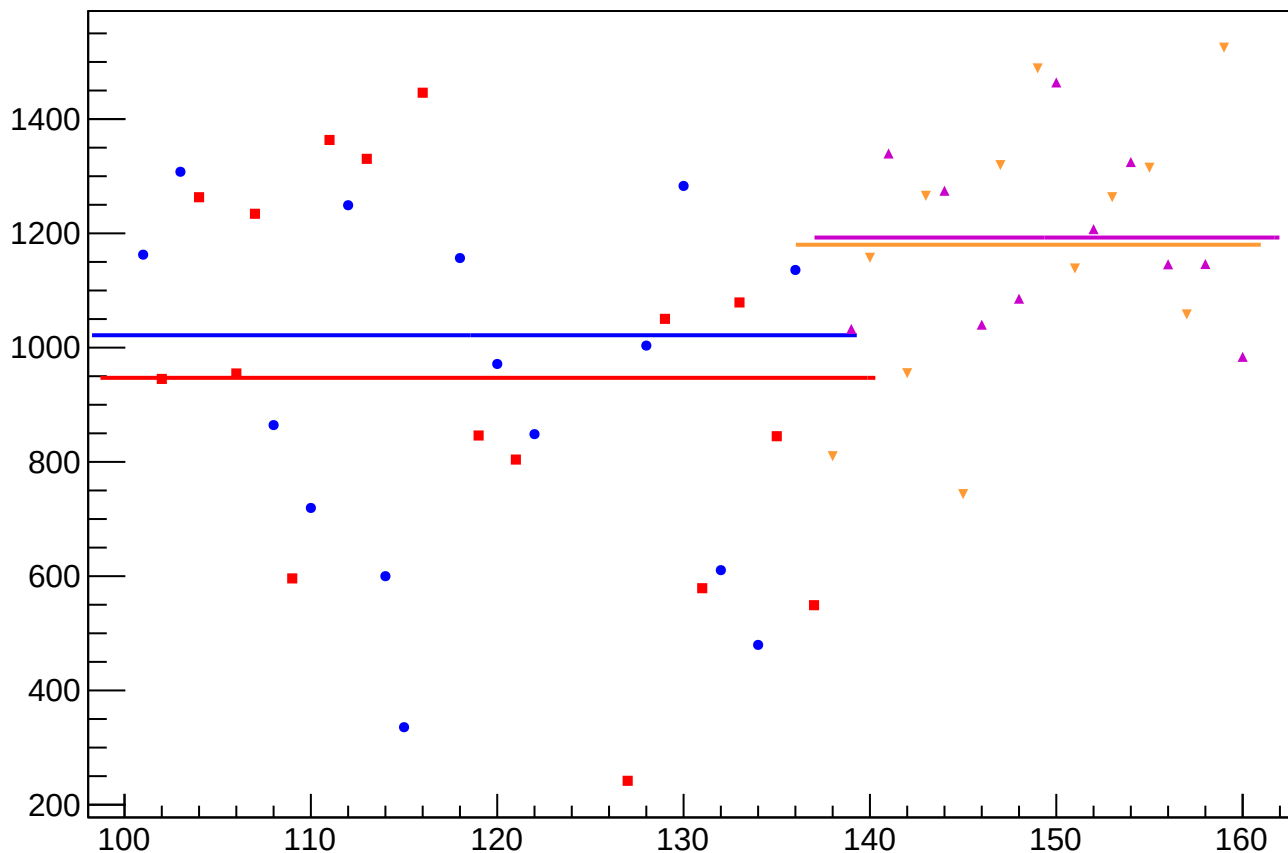
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ sign 1.943 $\pm$ 0.000 χ^2 /NDF: 13159834417677760

All: 1.880 $\pm$ 0.000 χ^2 /NDF: 23210295231068

- sign 1.818 $\pm$ 0.000 χ^2 /NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

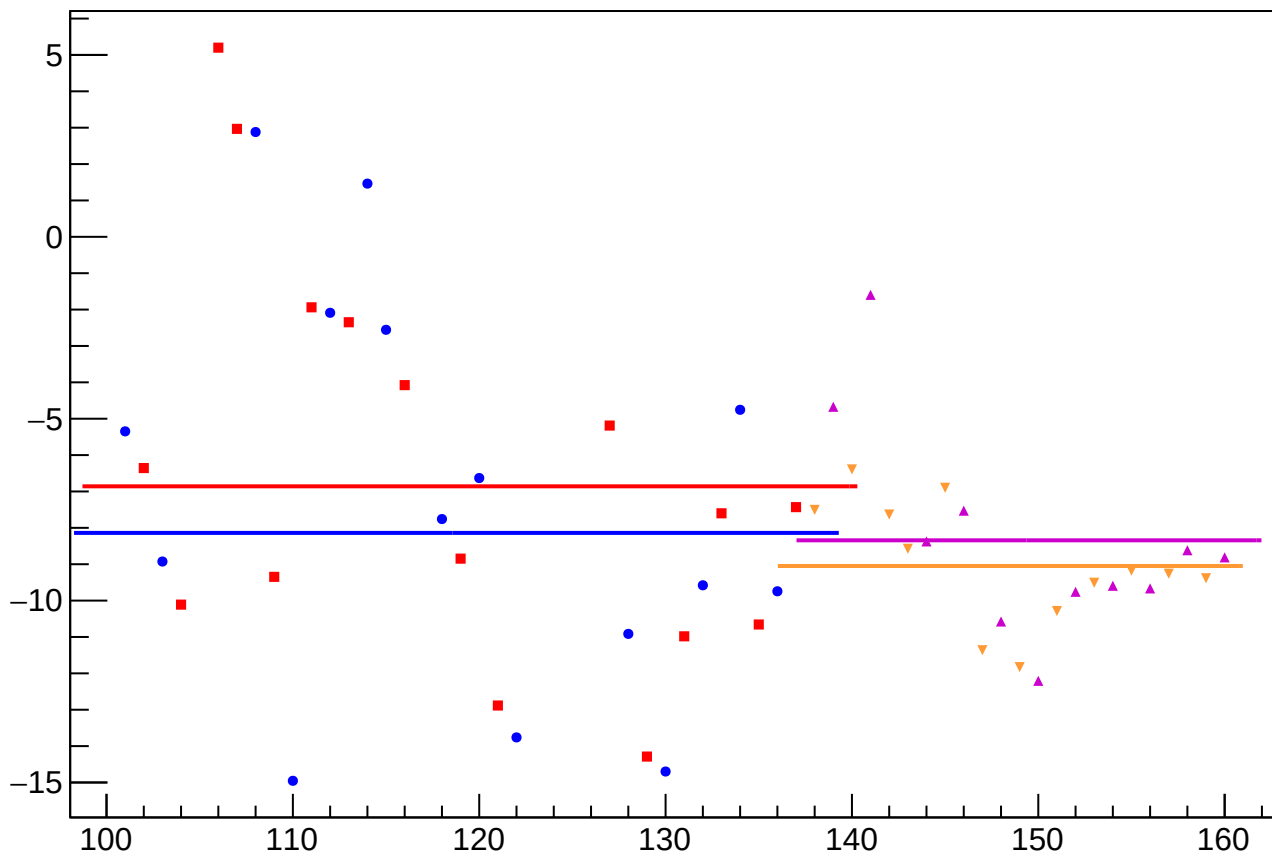
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -9.049 ± 0.000 χ^2/NDF : 2449058506184839792133889501167616.0/11

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

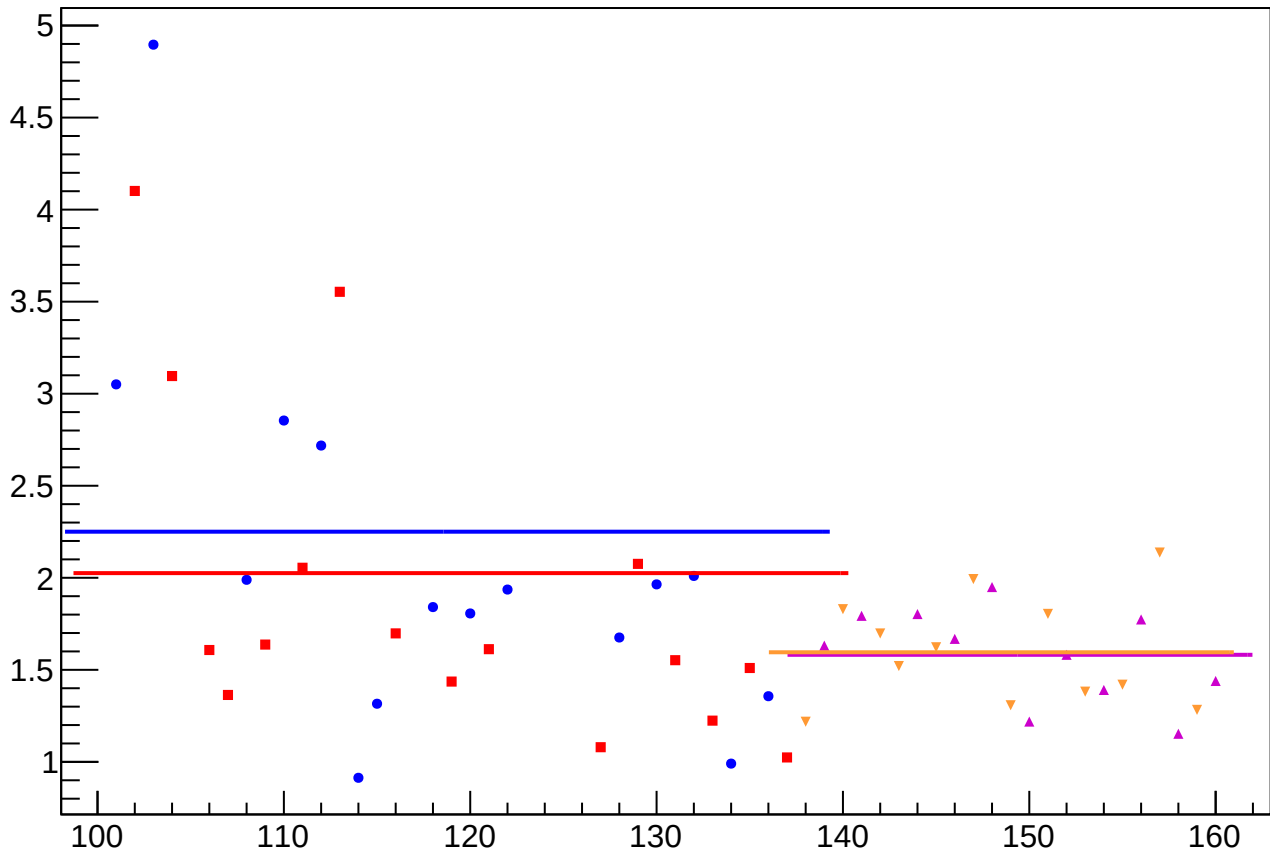
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.671 ± 0.000 χ^2/NDF : 1743954297052969

All: -8.191 ± 0.000 χ^2/NDF : 4275682258895

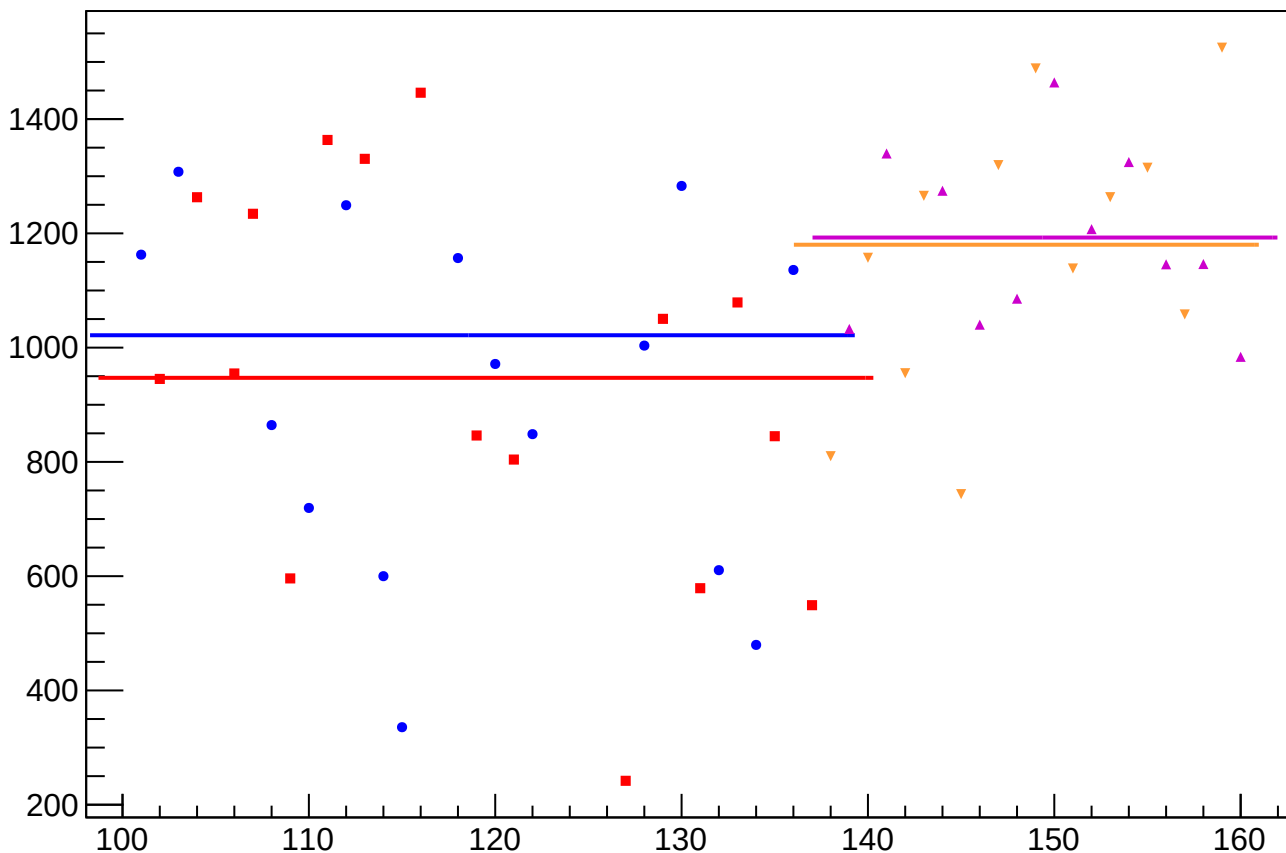
- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.595 ± 0.000 χ^2/NDF : 76549213292208781148545230045184.0/11
 Right Out: 2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10
 All: 1.817 ± 0.000 χ^2/NDF : 16139323147650
 + sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009
 - sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

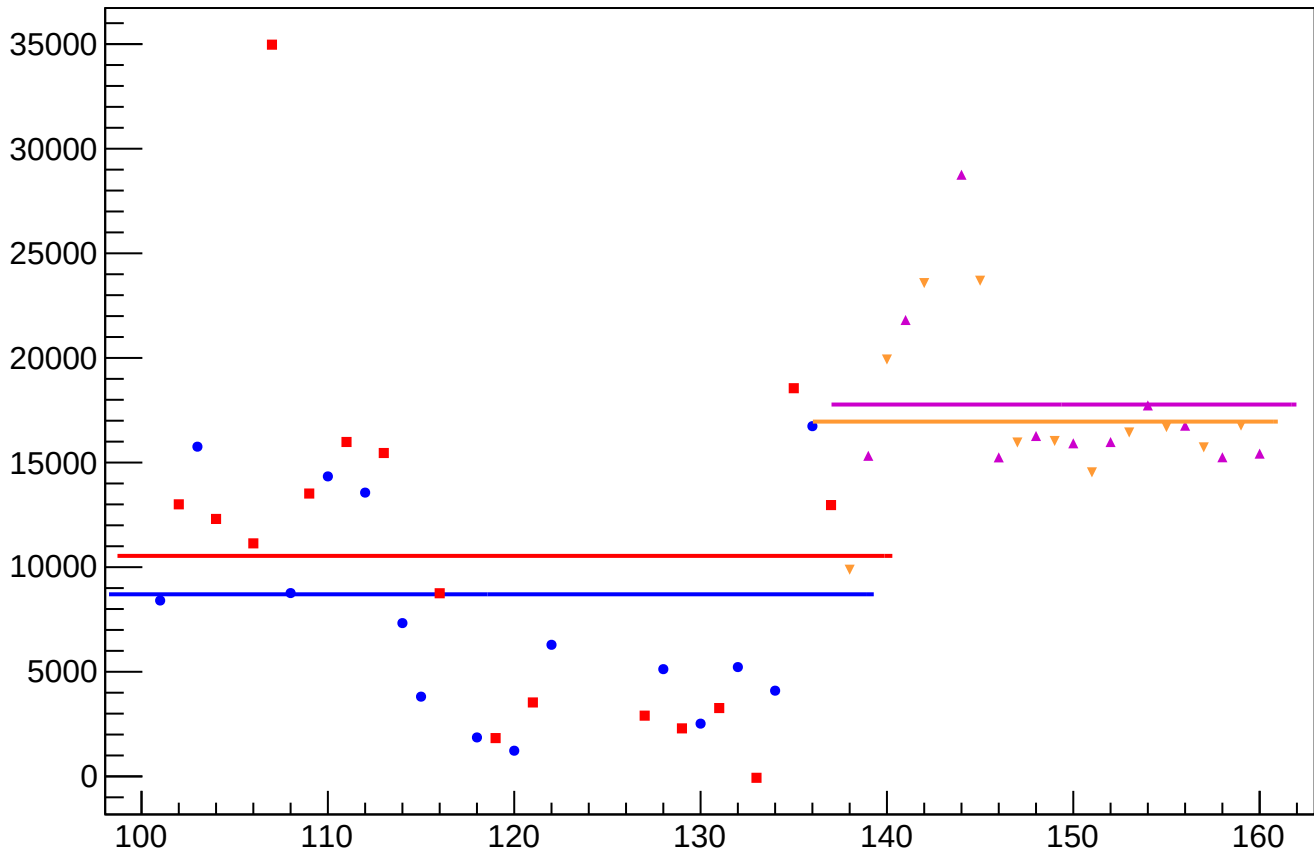
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

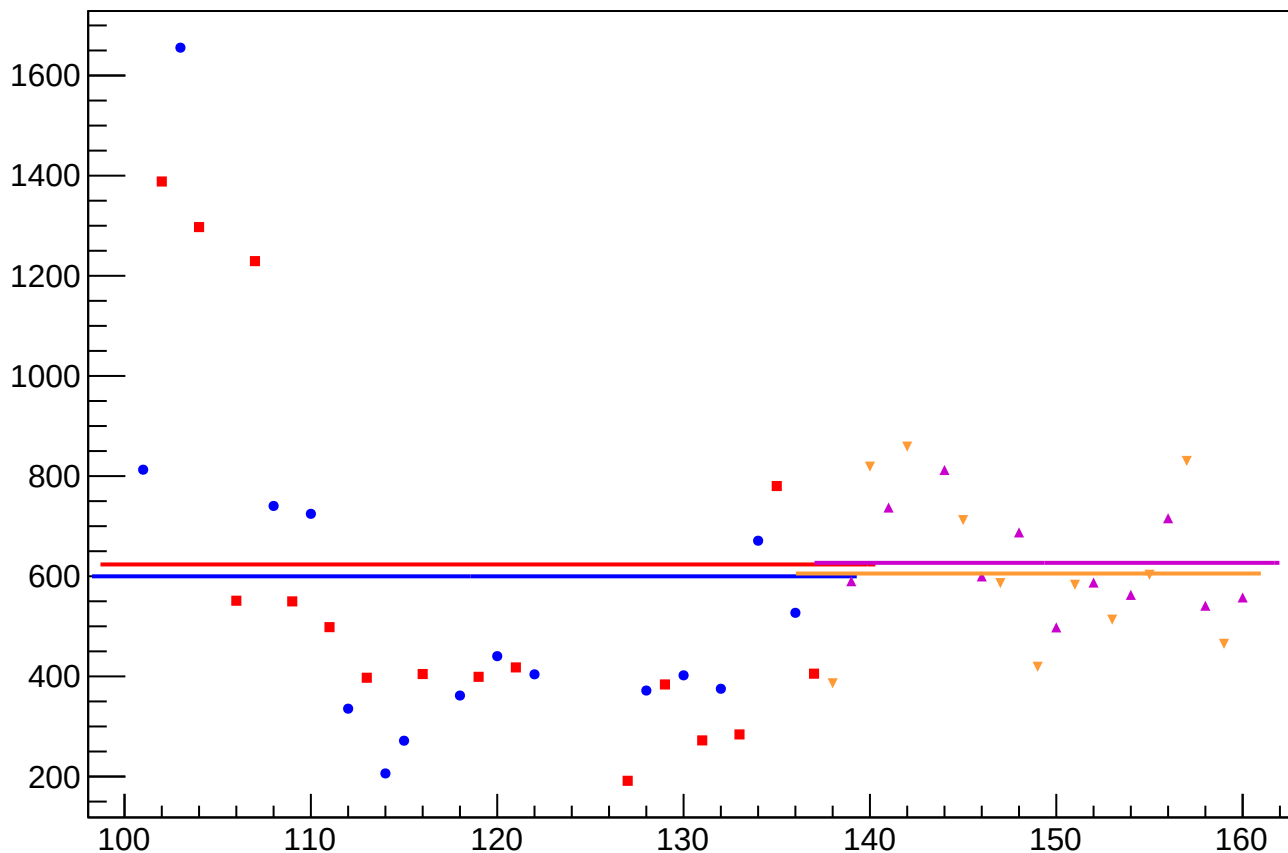
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 16957.575+/-0.000 χ^2/NDF : 10938008625550561770285254297697243889664.0/10
 Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 17773.103+/-0.000 χ^2/NDF : 14926066991142889452676587552618632445952.0/10

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

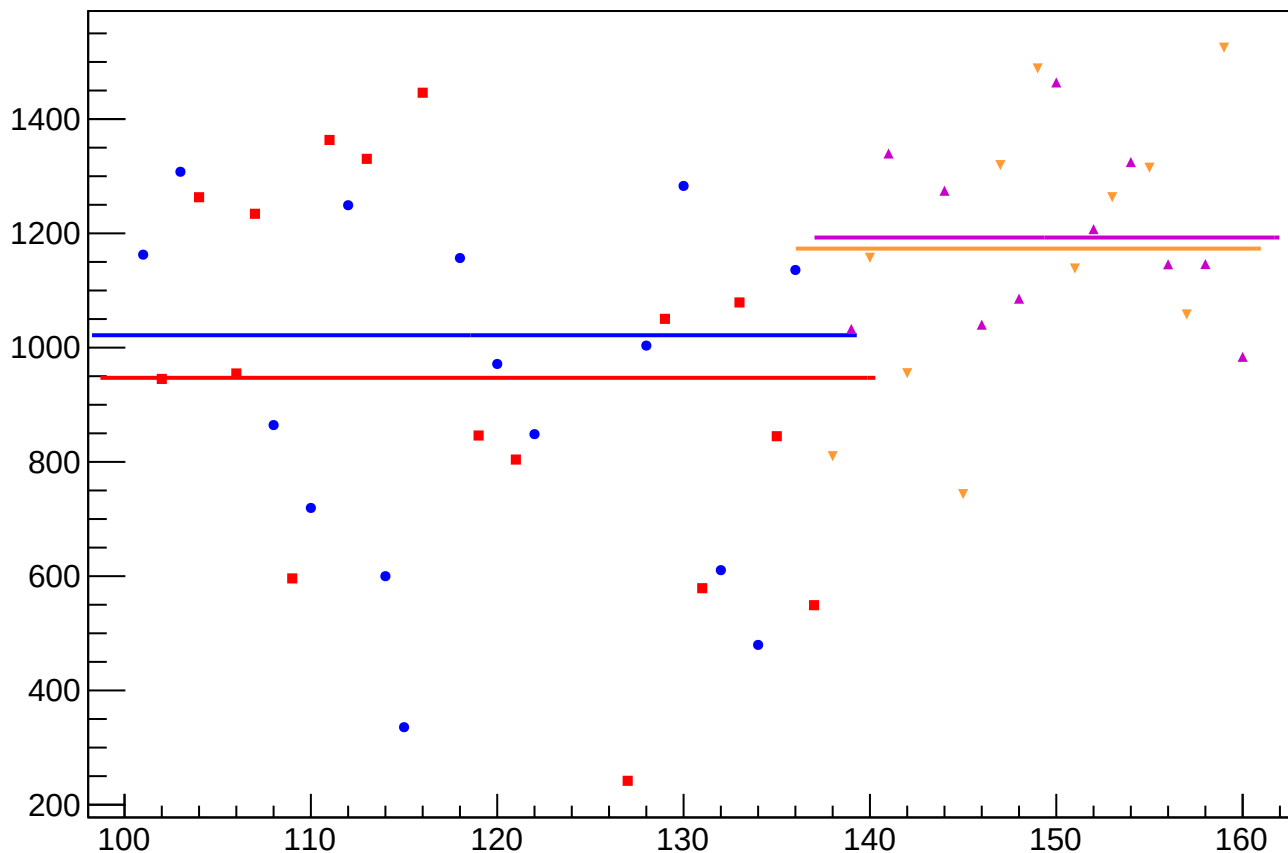
All: 614.575+/-0.000 χ^2/NDF : 219881740645

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

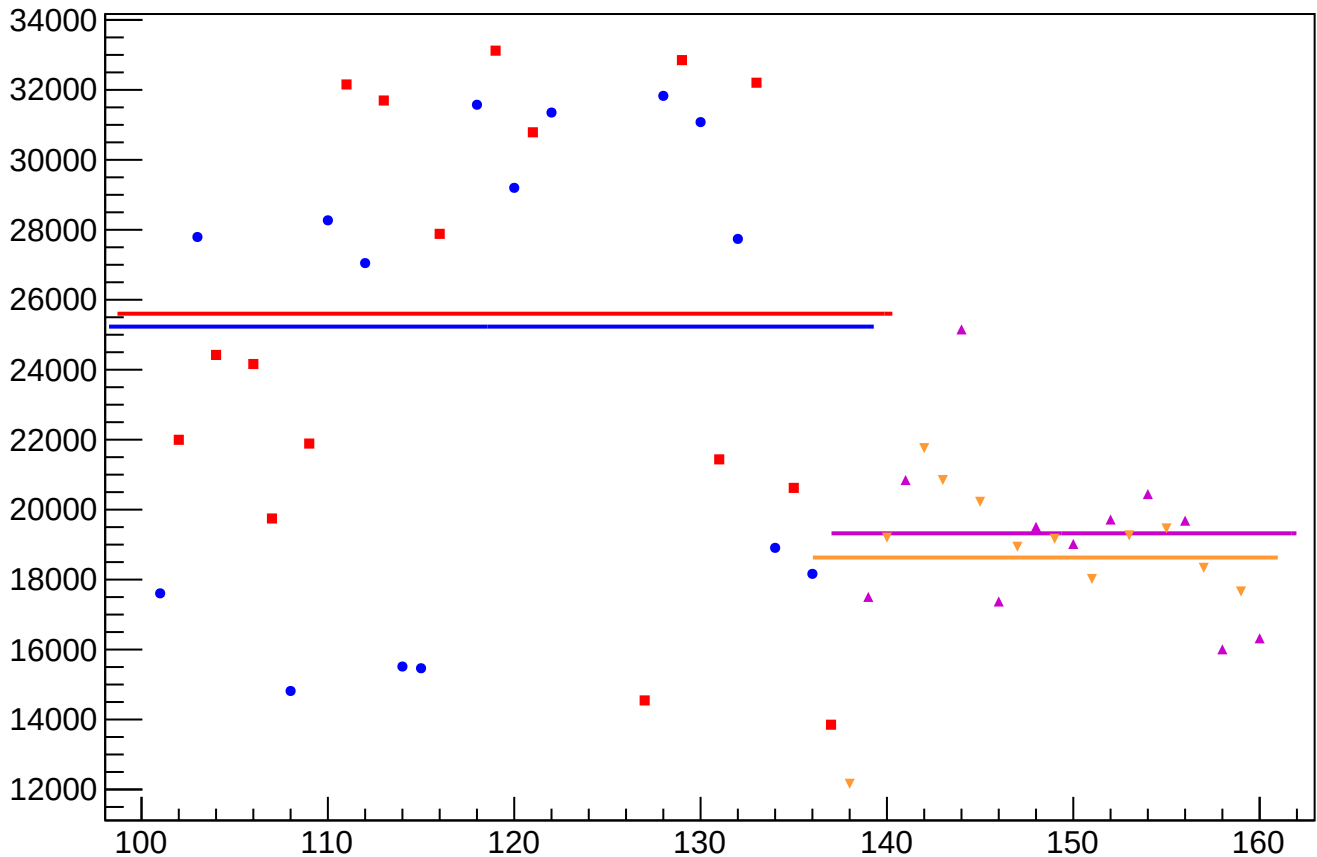
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

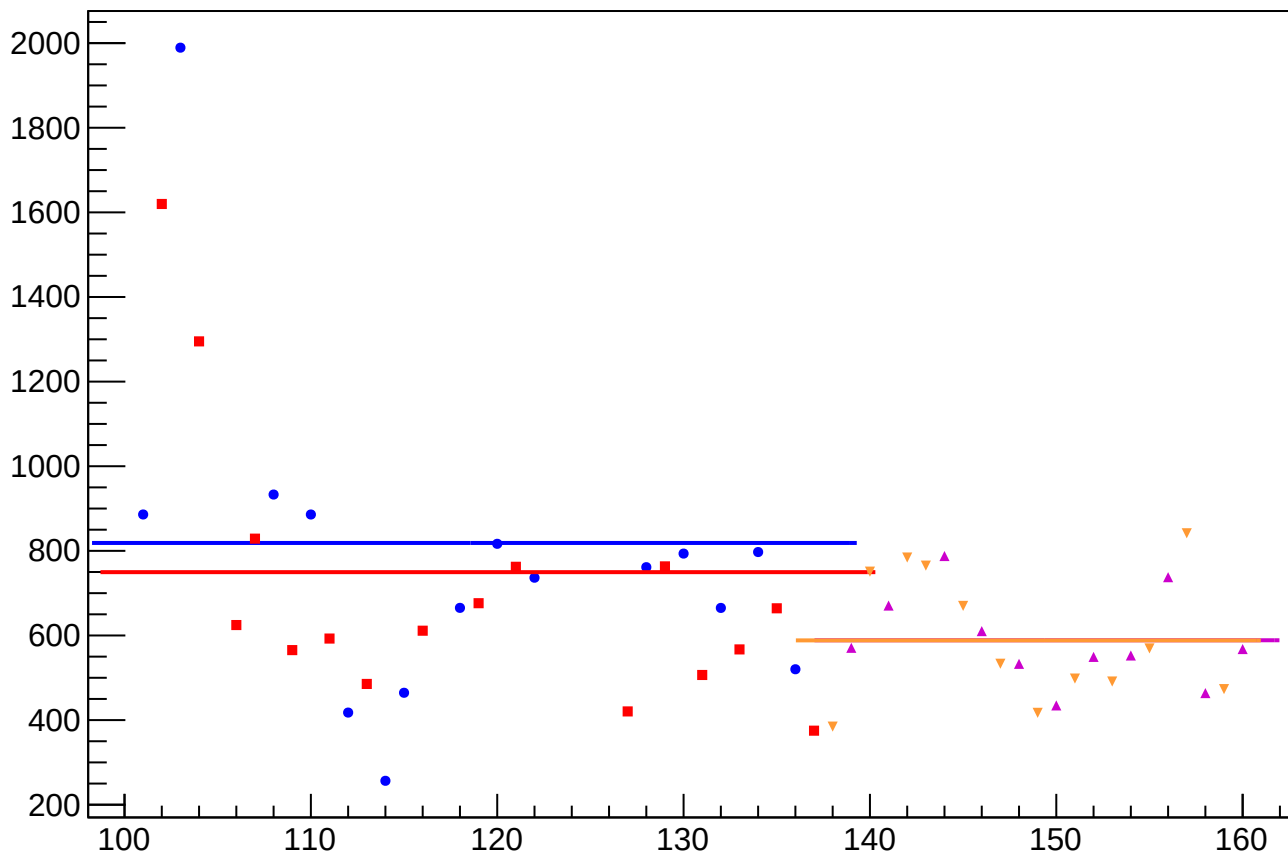
dit_usr_coil7_mean vs Slug



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

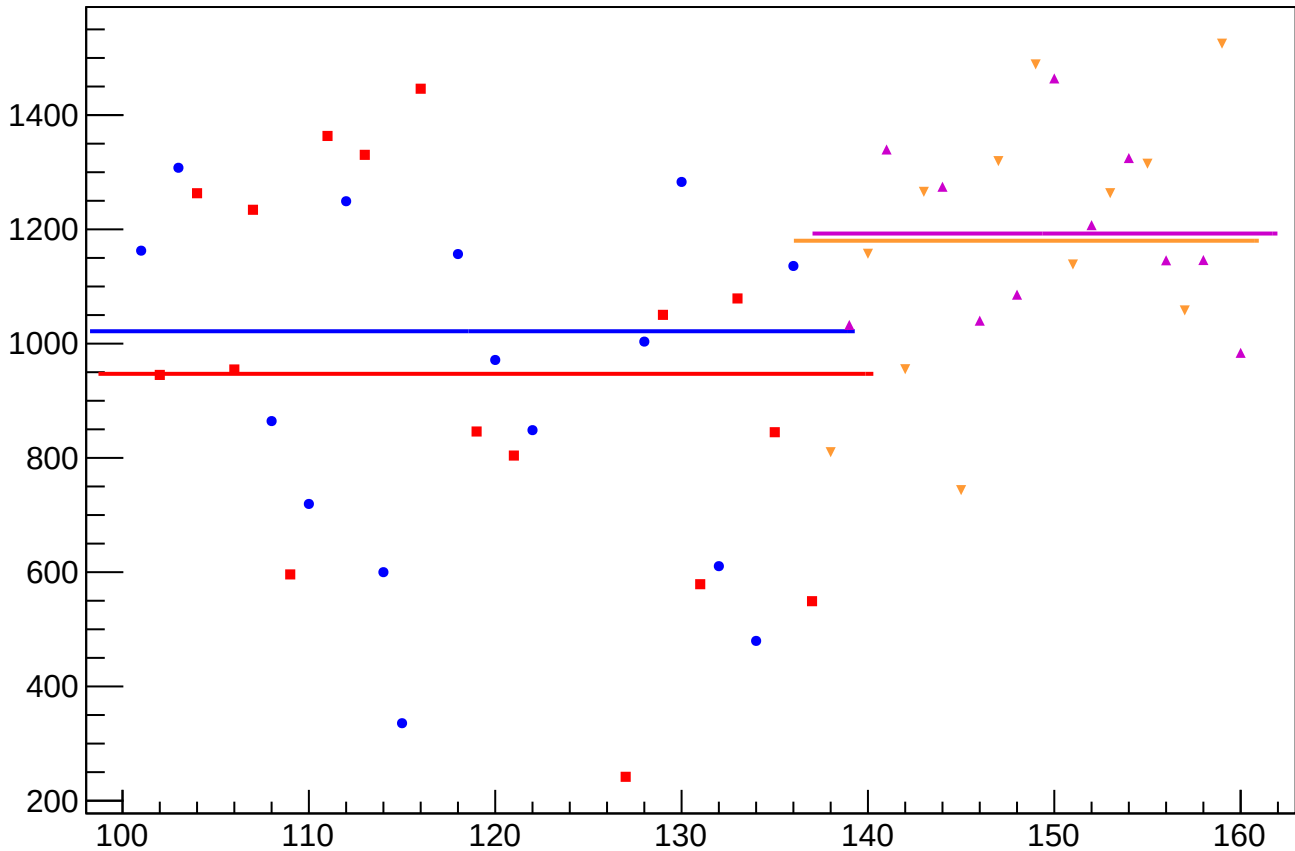
All: 669.969+/-0.000 χ^2/NDF : 244316509040

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

- sign 656.176+/-0.000 χ^2/NDF : 979142023590546

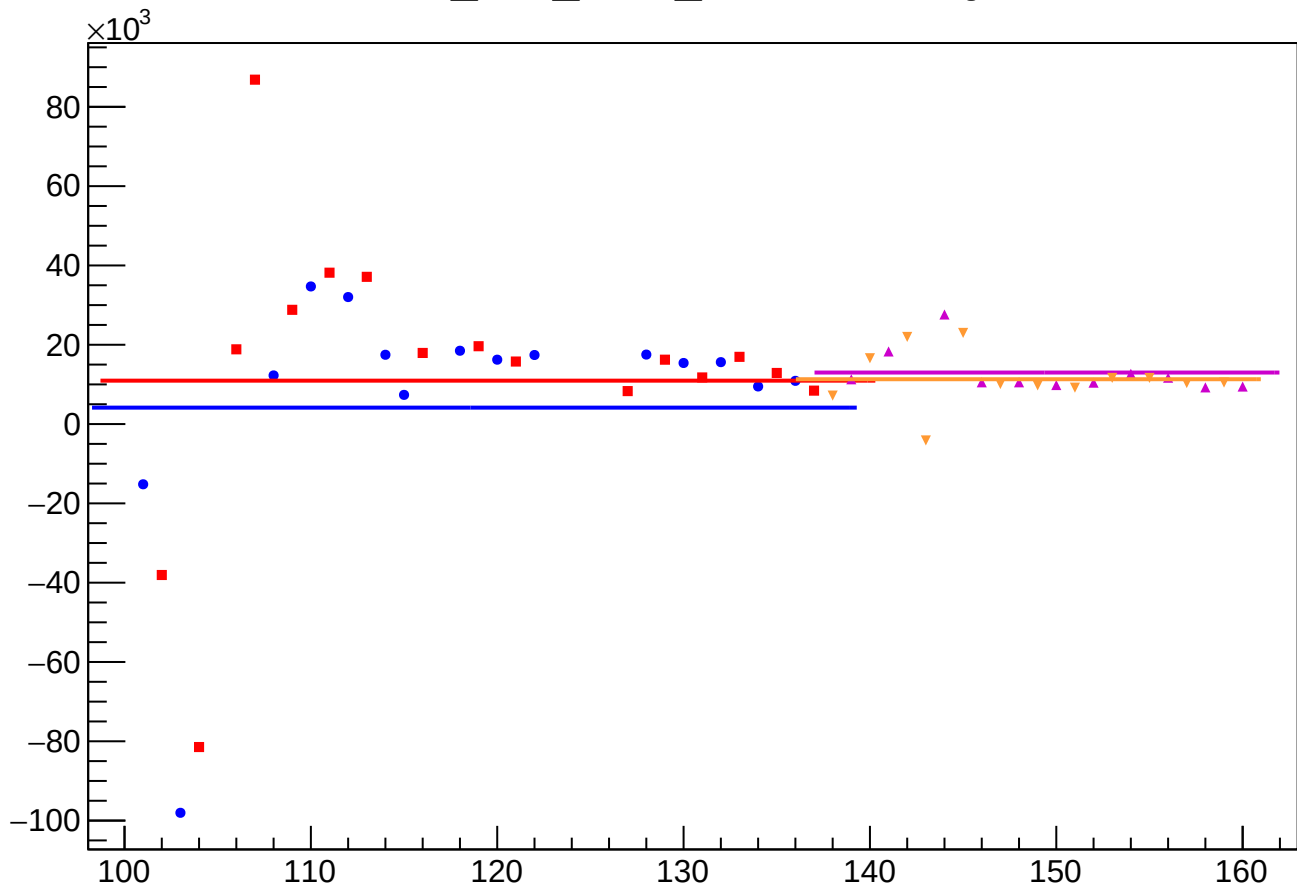
Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



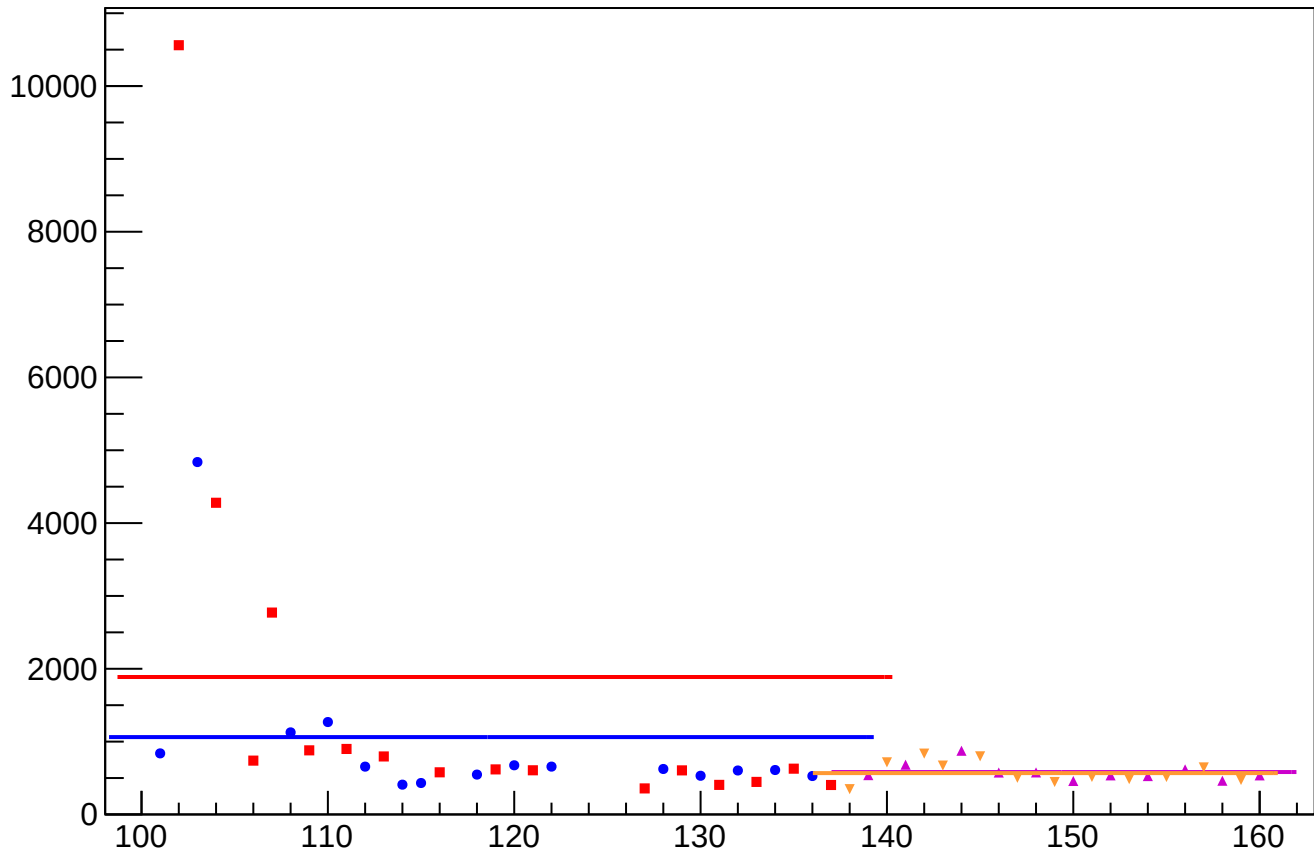
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1114.323+/-0.000	χ^2/NDF : 10080626753263
Left Out: 1180.103+/-0.000	χ^2/NDF : 50788606804690292724539730503787347968.0/11	All: 1101.926+/-0.000	χ^2/NDF : 21167730452
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- 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



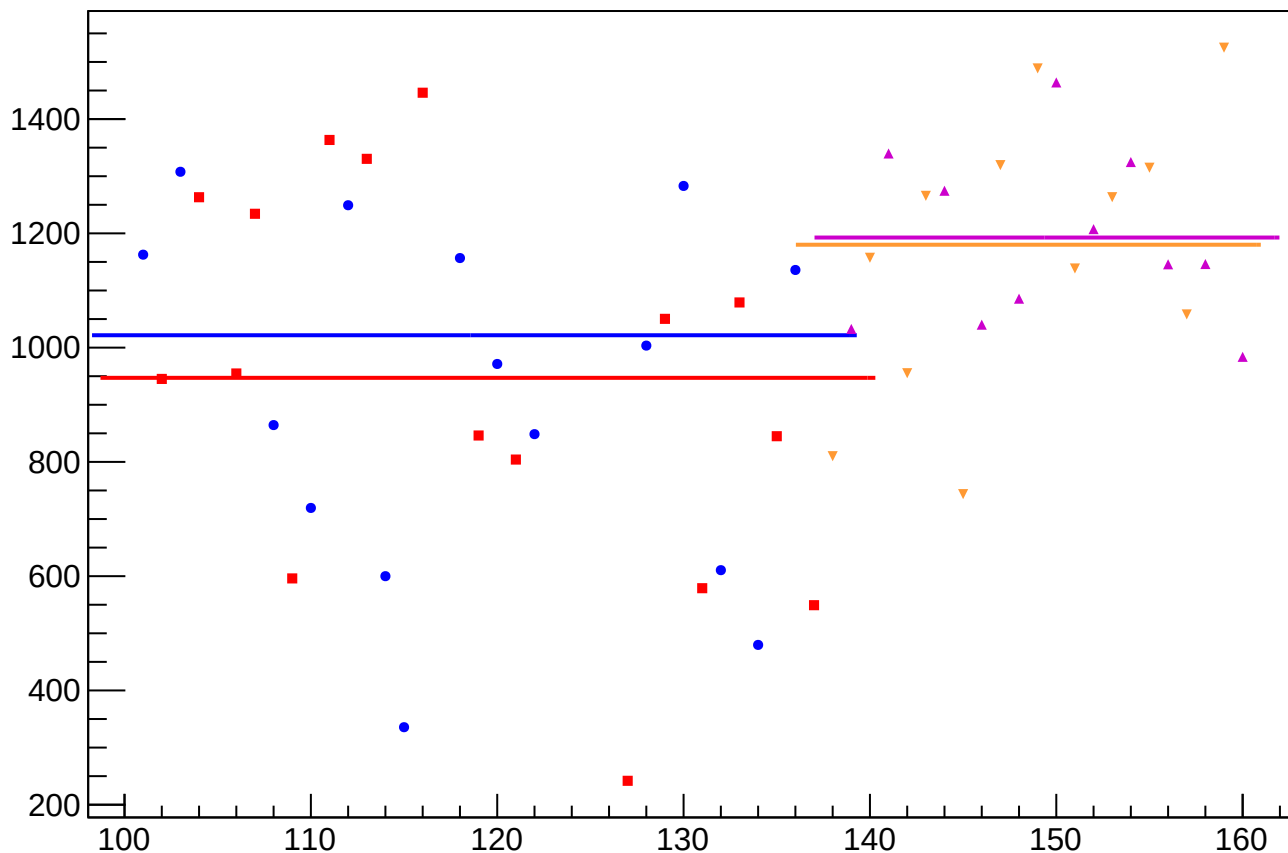
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 ± 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 567.733+/-0.000 χ^2/NDF : 17522884747687495168010192179255312384.0/11
 Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 582.413+/-0.000 χ^2/NDF : 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

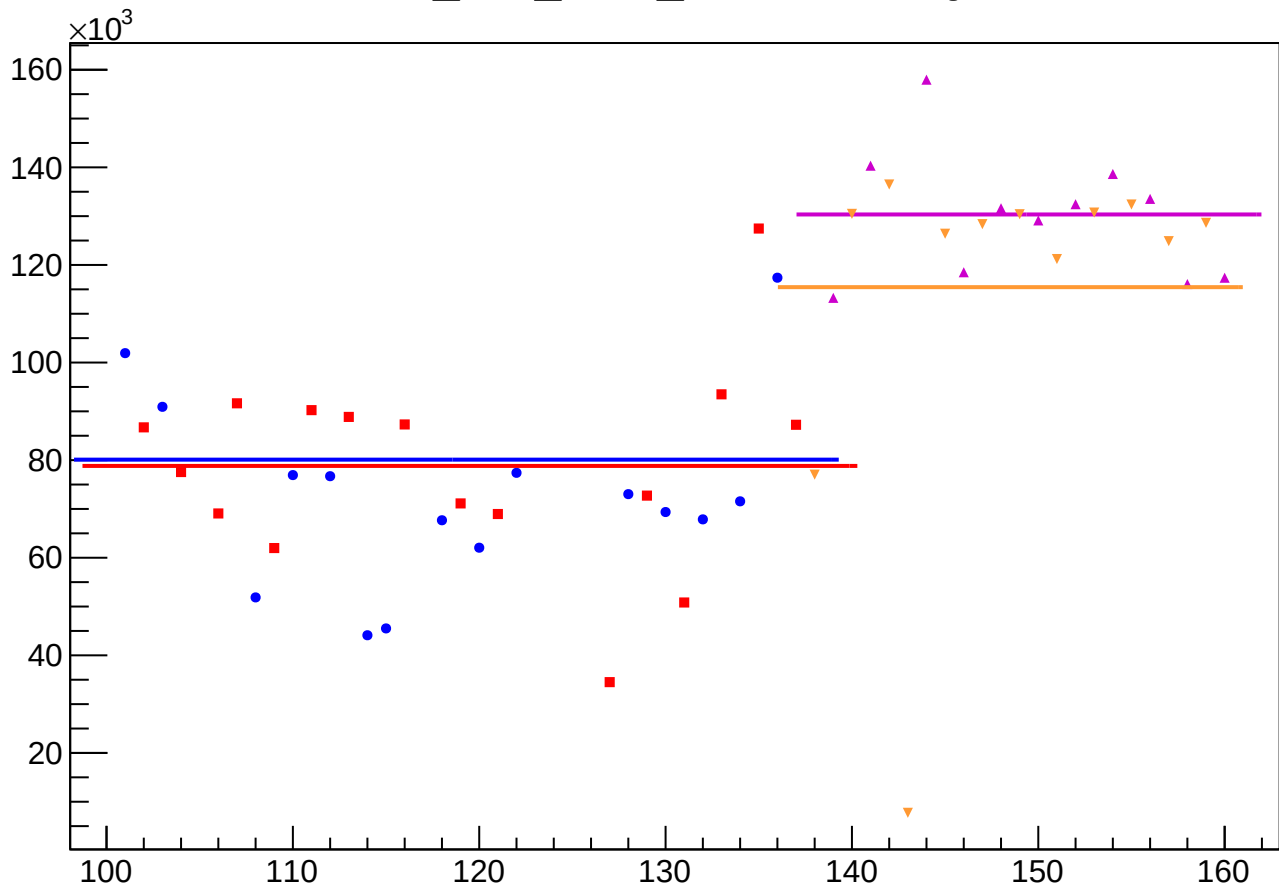
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

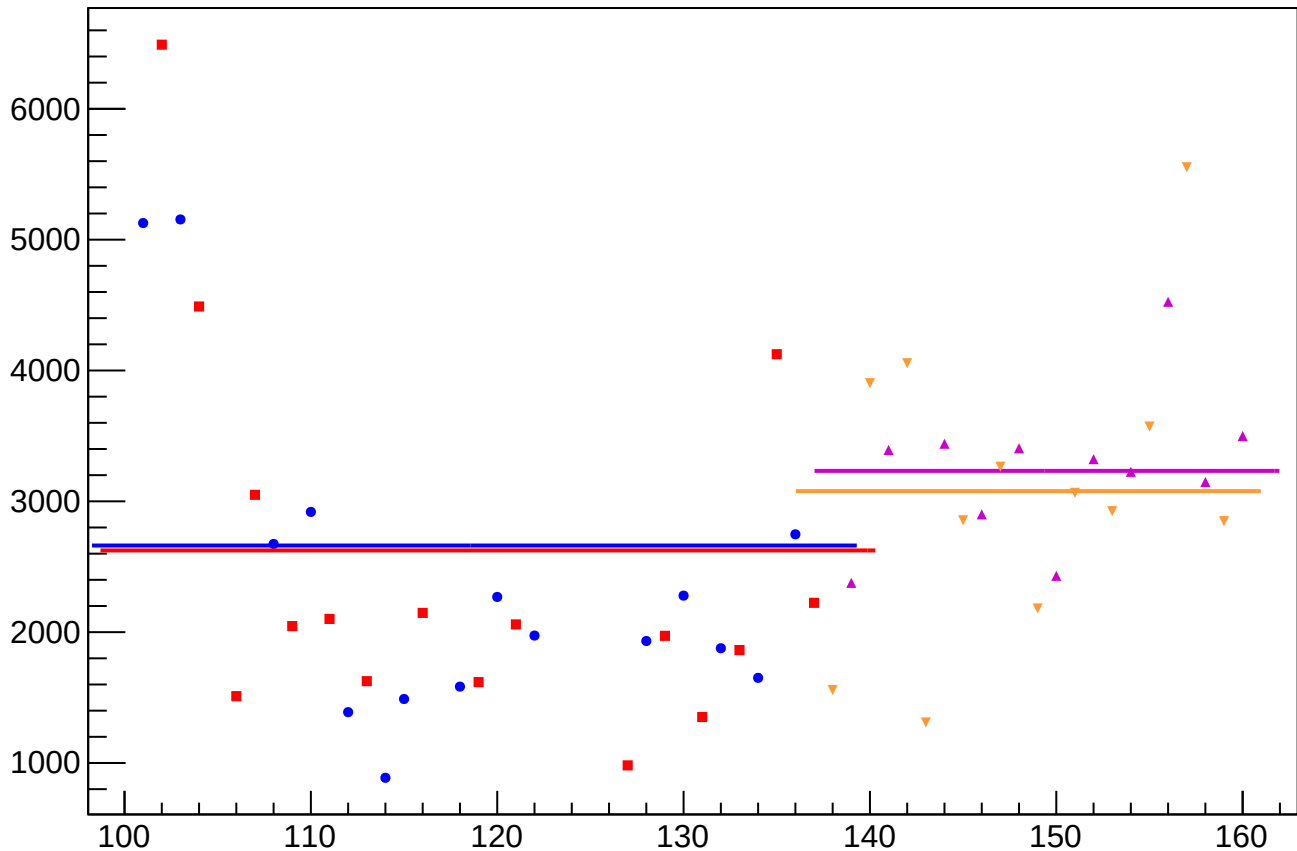
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atl2_coil7_mean vs Slug



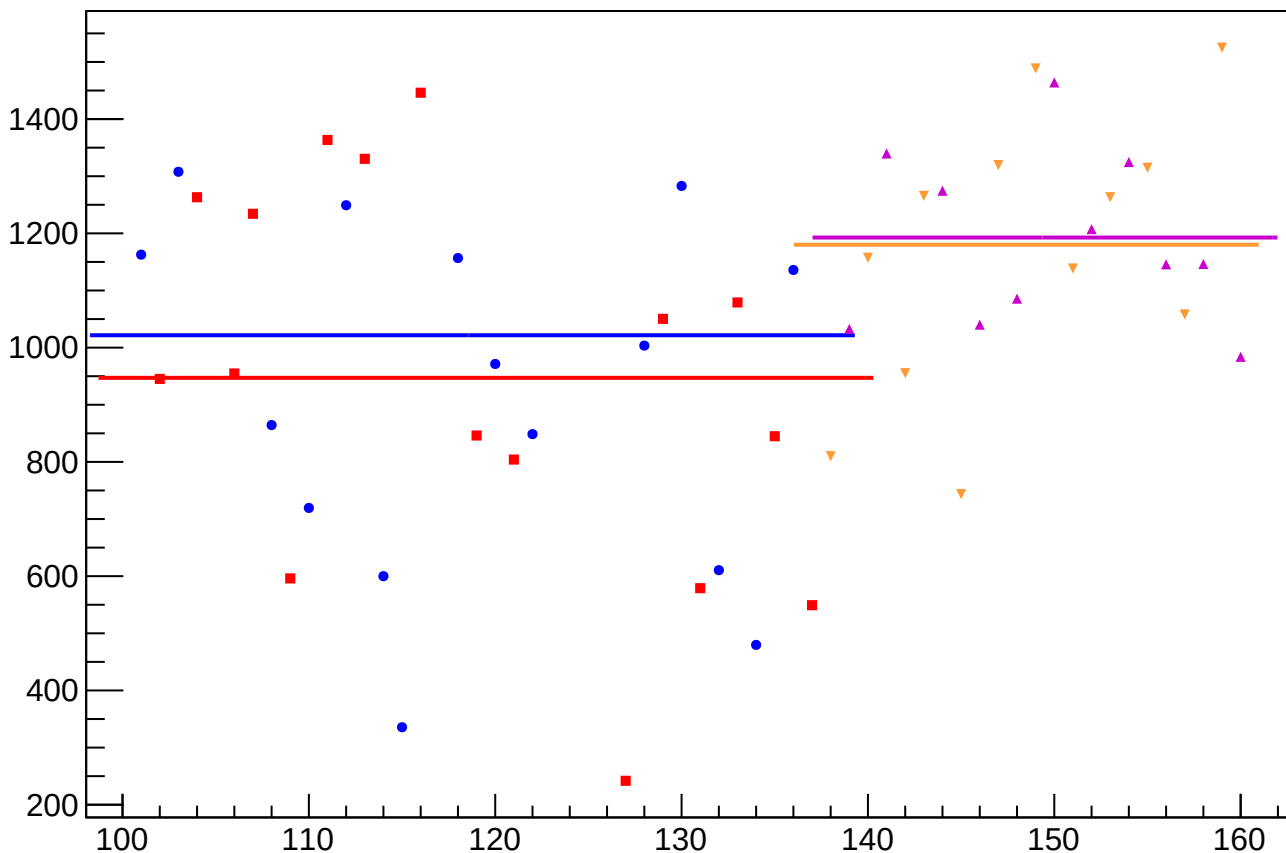
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 115448.893 $\pm$ 0.000 χ^2 /NDF: 1038801657464811255416211206986838896017408.0/11
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 130346.244 $\pm$ 0.000 χ^2 /NDF: 148174871015439819820100459279999278514176.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183 ± 0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 3077.945 ± 0.000 χ^2/NDF : 1073709891492389198093936322660595138560.0/11
 Right Out: 2624.696 ± 0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: 3232.879 ± 0.000 χ^2/NDF : 275721007613891276741007240283331493888.0/10

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

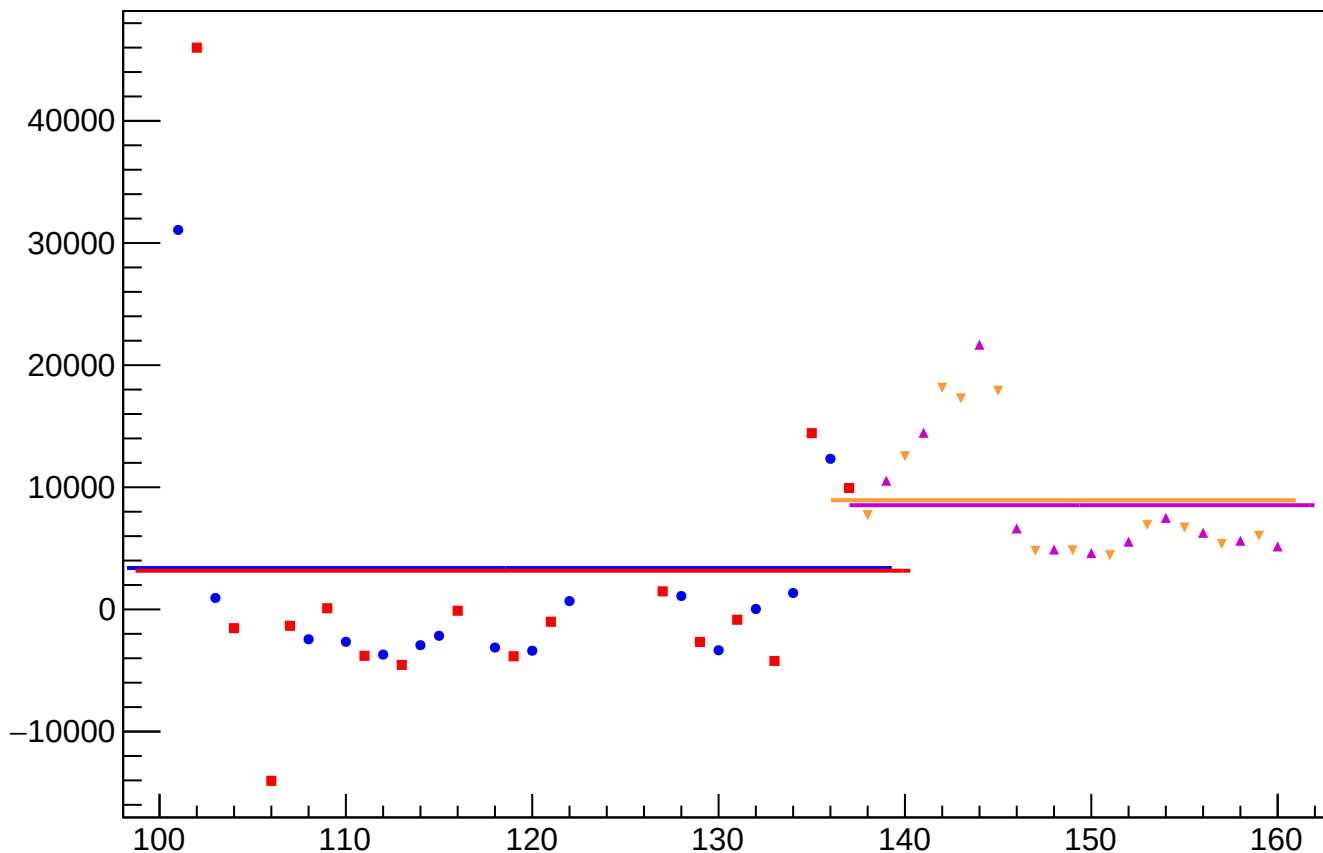
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

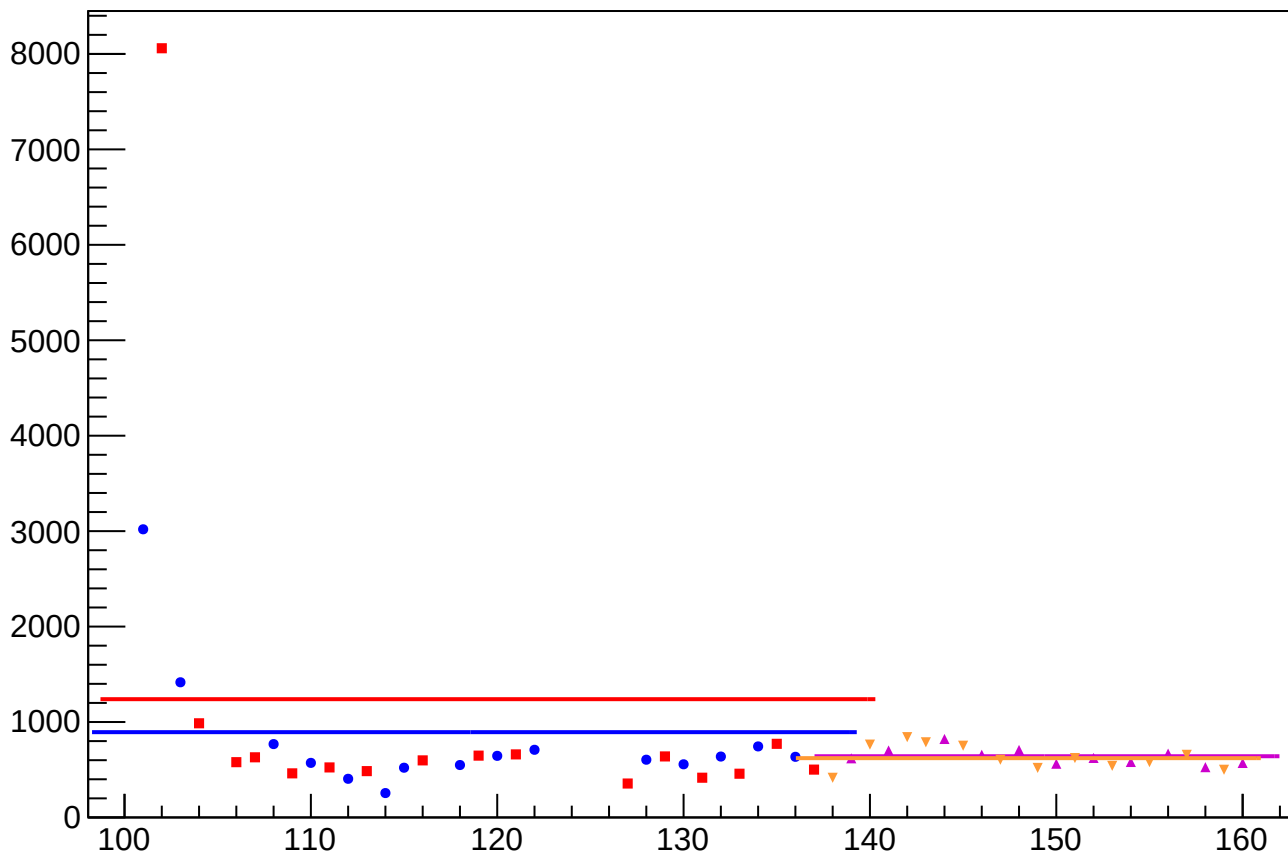
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8941.712+/-0.000 χ^2/NDF : 22757542723529976862924189628837264359424.0/11
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8532.821+/-0.000 χ^2/NDF : 24299515949380224586324737558095226470400.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 621.395+/-0.000 χ^2/NDF : 13220761349033595391183034930255888384.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

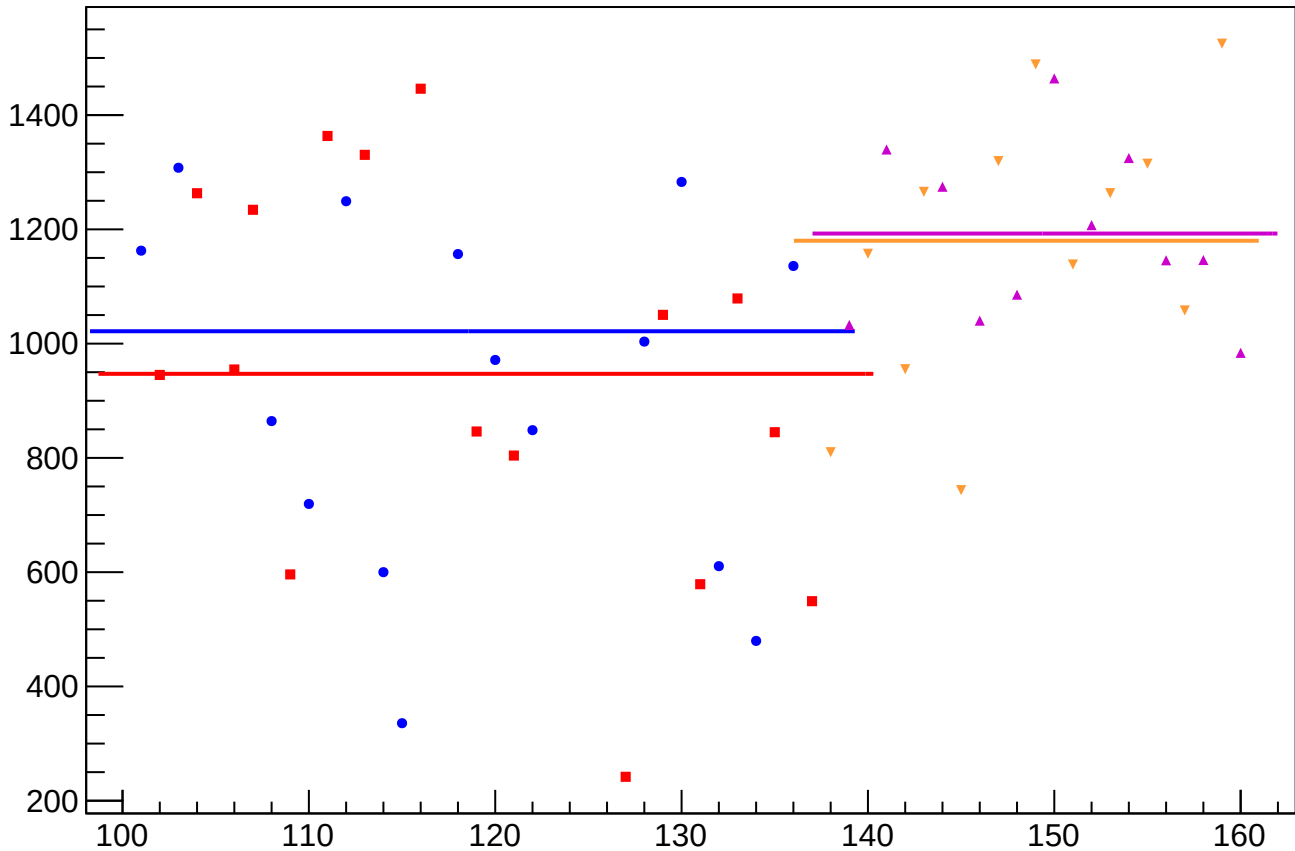
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

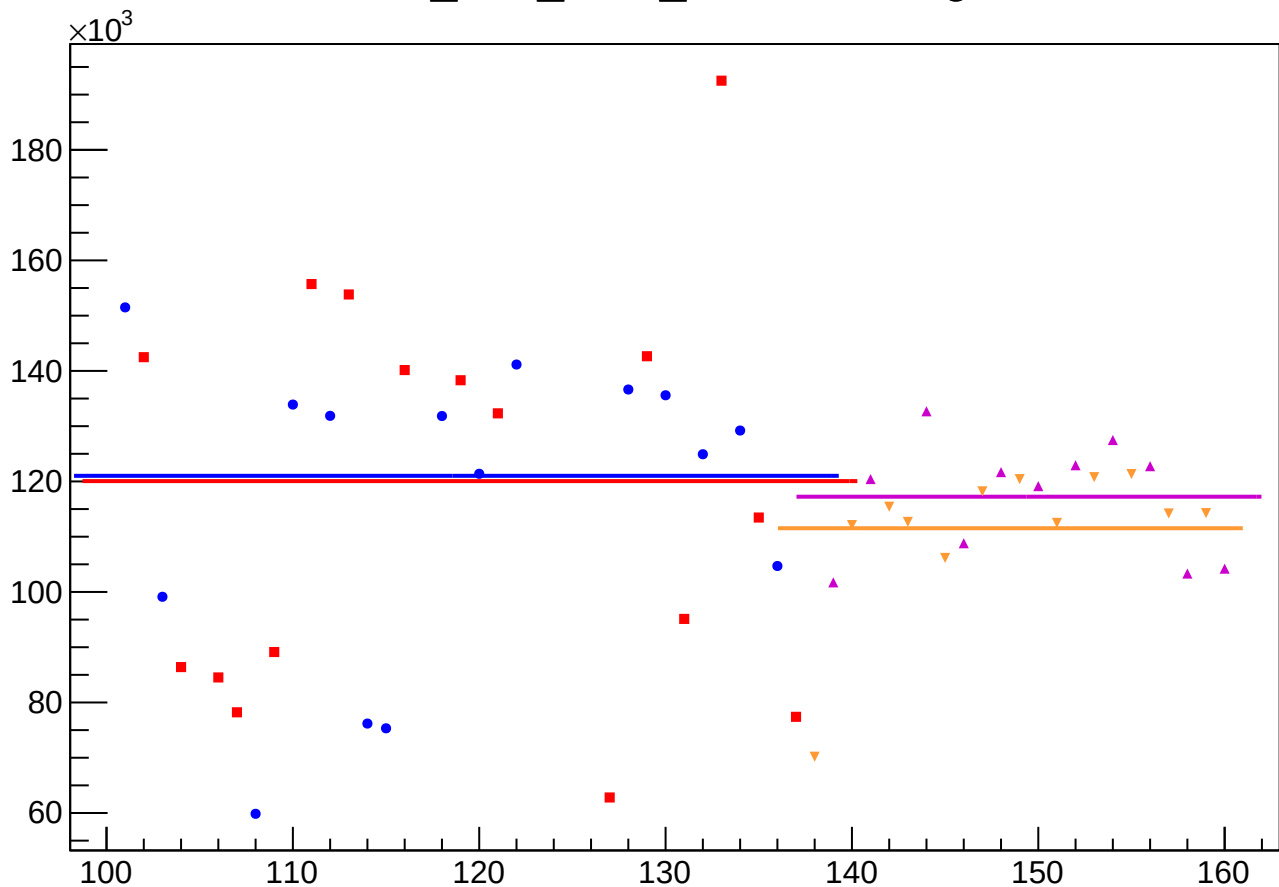
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

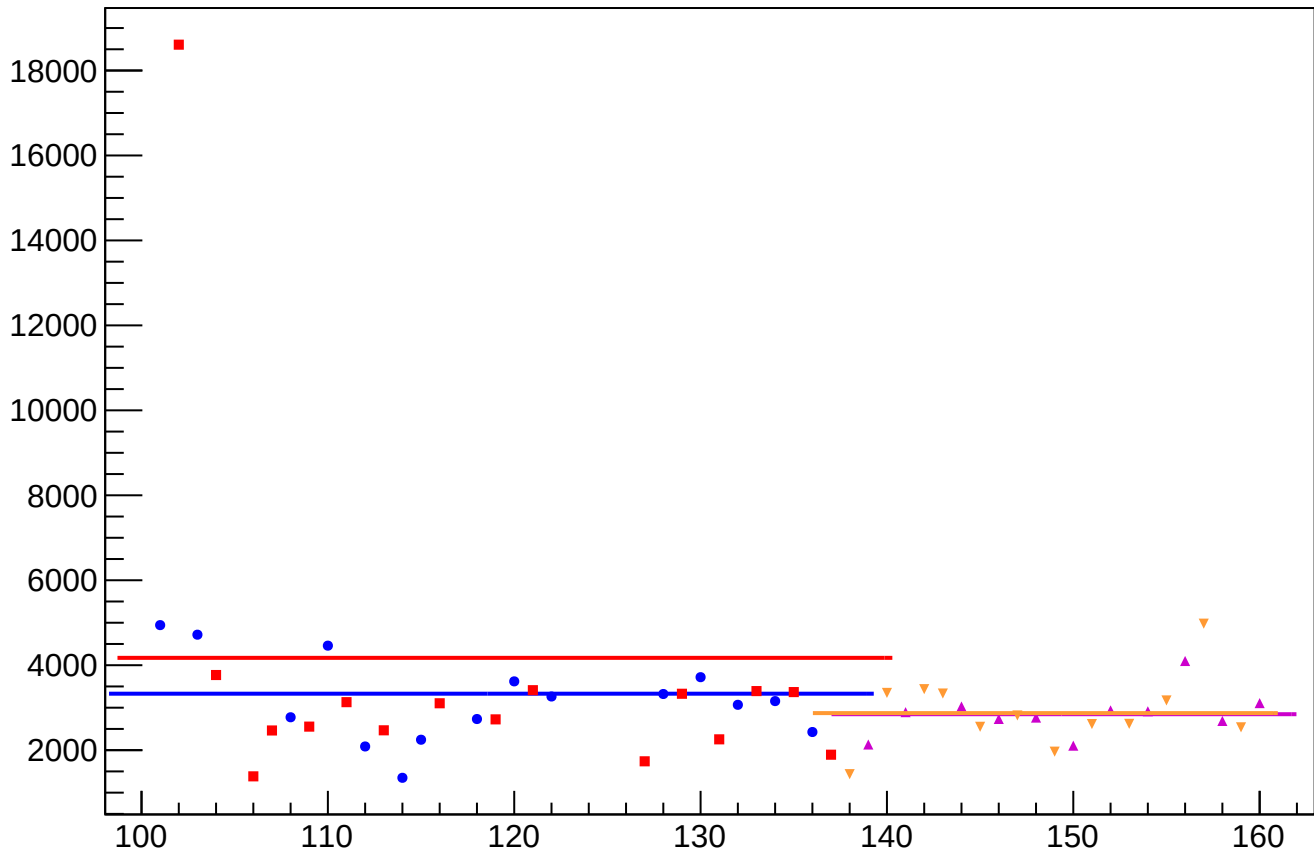
dit_atr2_coil7_mean vs Slug



Right In: 121016.482 ± 0.000 $\chi^2/\text{NDF}: 358713856404303554987784975983609668173824.0/14$
 Left Out: 111531.681 ± 0.000 $\chi^2/\text{NDF}: 162724299829921950370834246417372913074176.0/11$
 Right Out: 120060.693 ± 0.000 $\chi^2/\text{NDF}: 828419782346707601448620310014135952736256.0/15$
 Left In: 117237.465 ± 0.000 $\chi^2/\text{NDF}: 92299527706158063096544434206678792011776.0/10$

+ sign 115470.027 ± 0.000 $\chi^2/\text{NDF}: 555580110243$
 All: 116958.641 ± 0.000 $\chi^2/\text{NDF}: 14862531$
 - sign 118421.056 ± 0.000 $\chi^2/\text{NDF}: 923806900564$

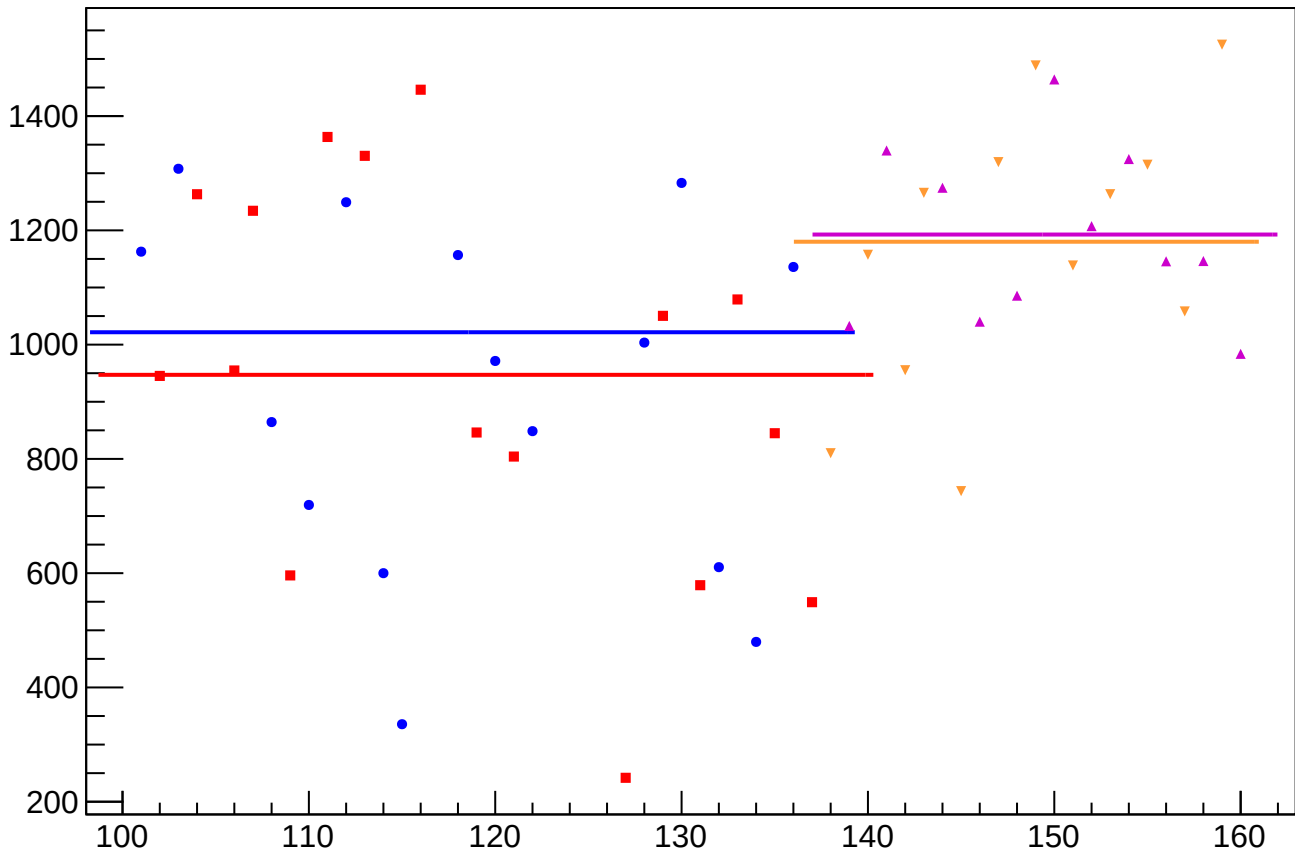
dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567 $\pm$ 0.000 χ^2 /NDF: 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559 $\pm$ 0.000 χ^2 /NDF: 229557109736682123603885764134616170496.0/10

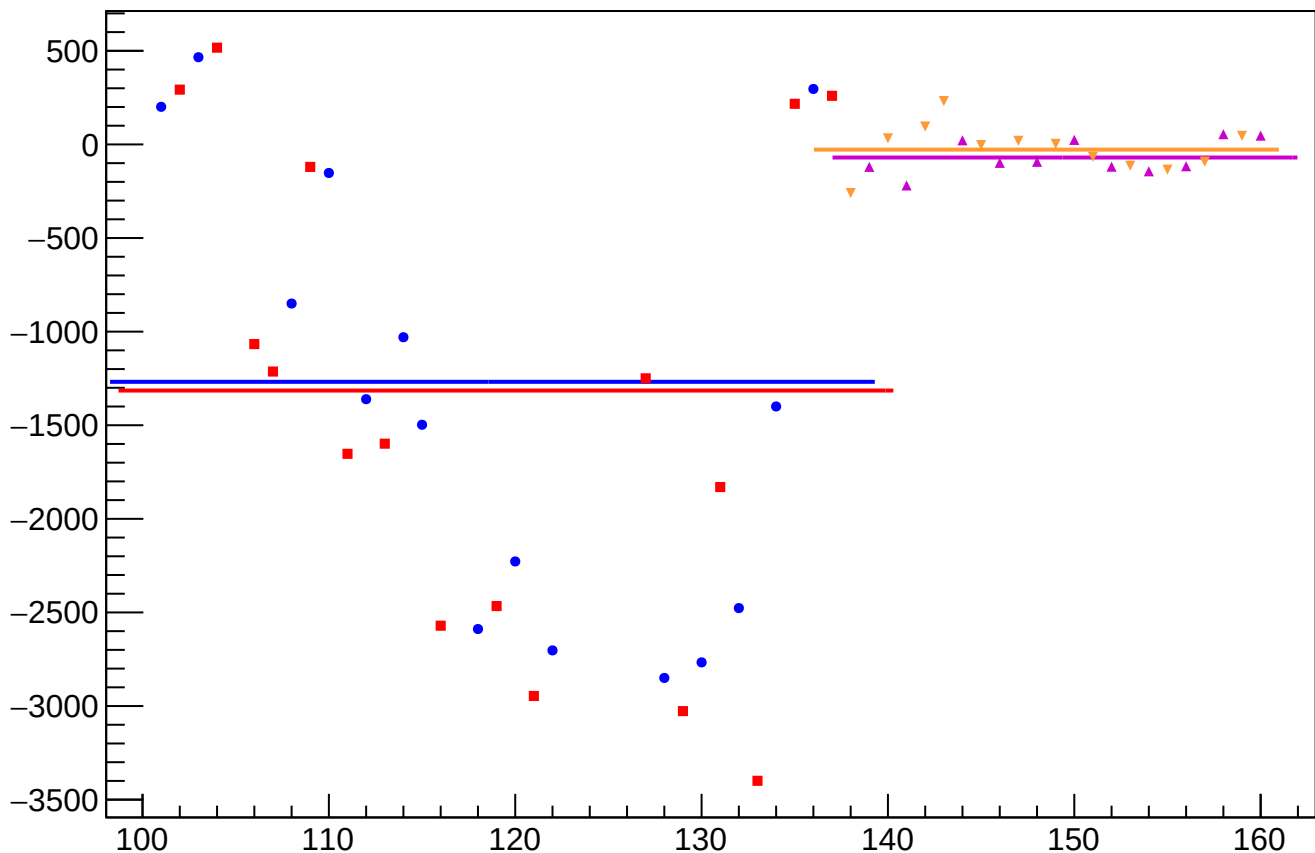
+ sign 3062.293 $\pm$ 0.000 χ^2 /NDF: 13091528183331
 All: 3234.072 $\pm$ 0.000 χ^2 /NDF: 15810392876
 - sign 3402.829 $\pm$ 0.000 χ^2 /NDF: 14409809055061

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



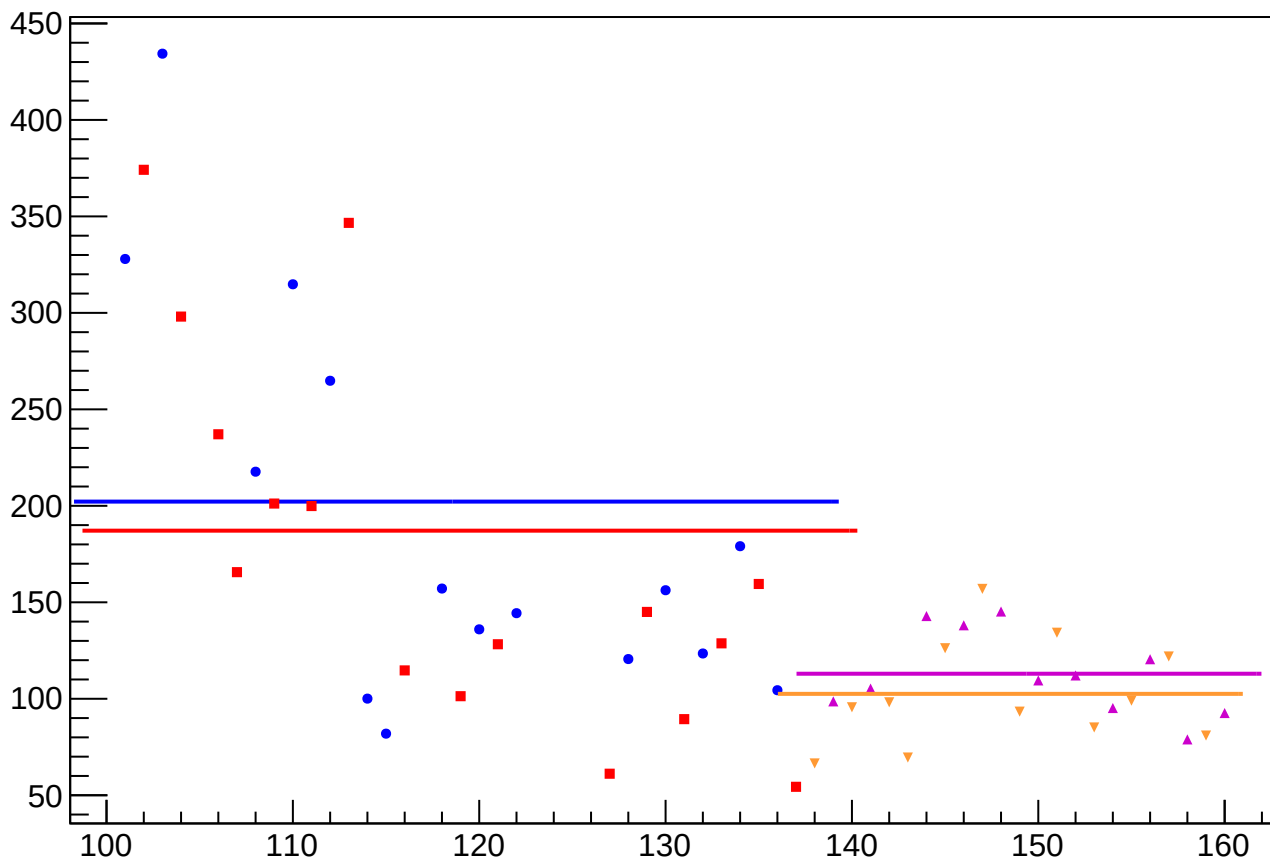
Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

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

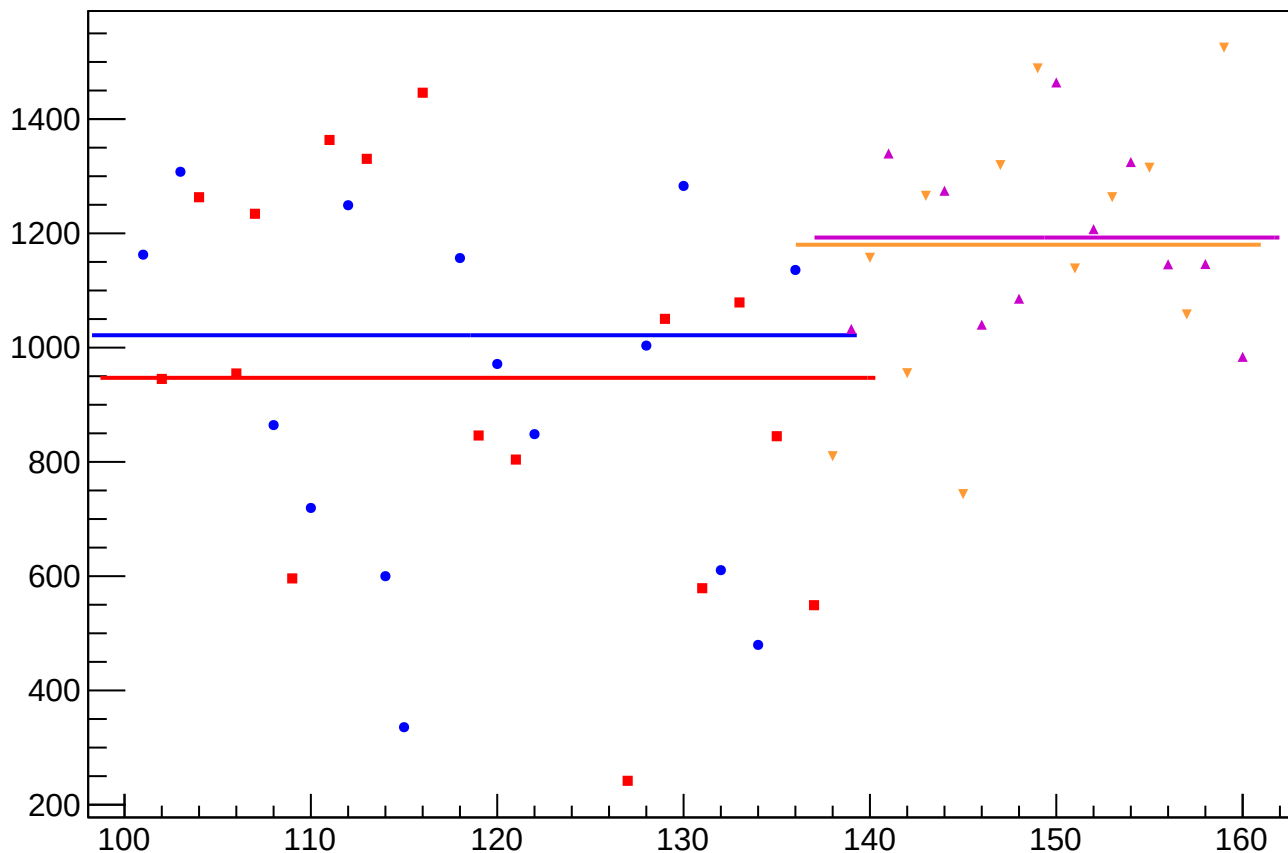
Left In: 112.981+/-0.000 χ^2/NDF : 399082569166702797505998561799569408.0/10

+ 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



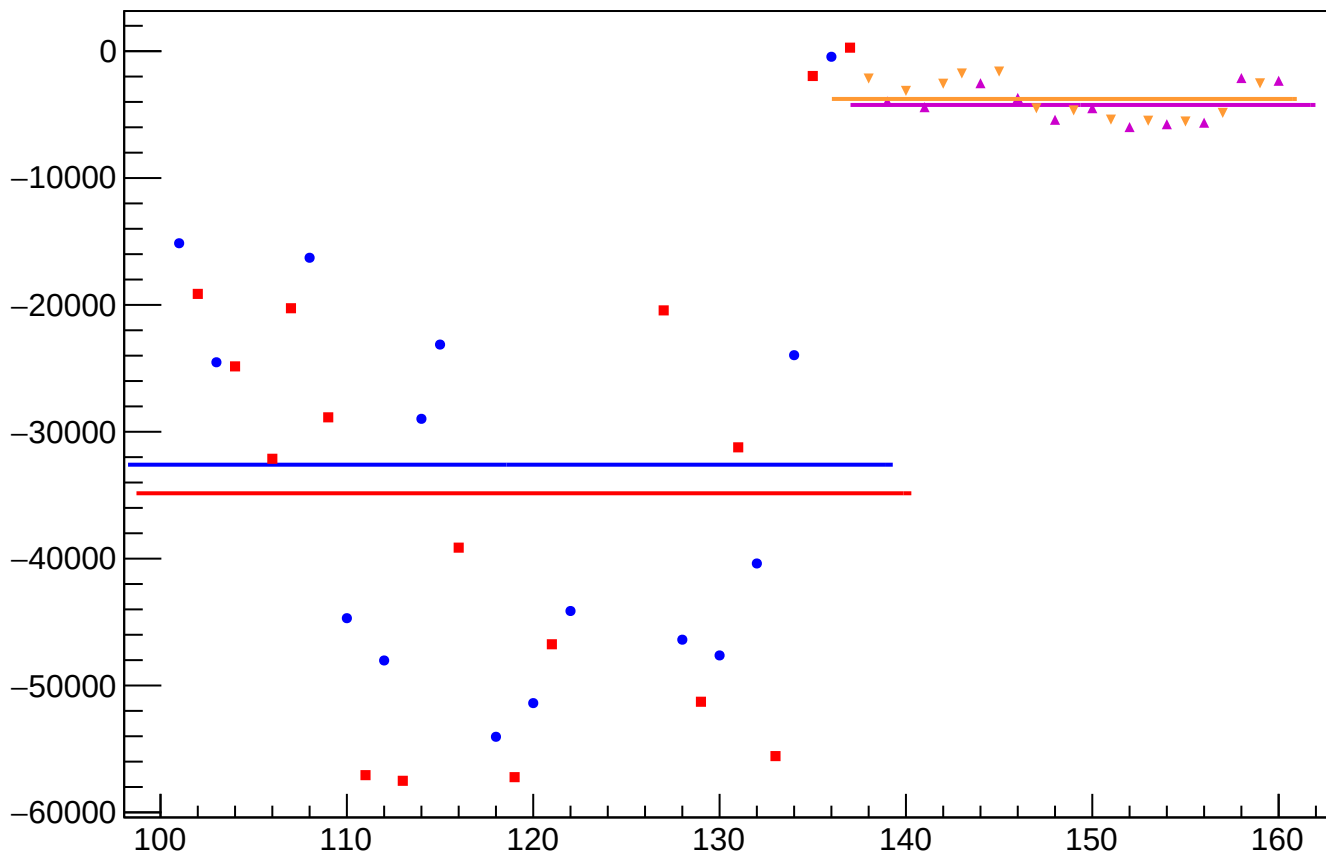
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF :50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

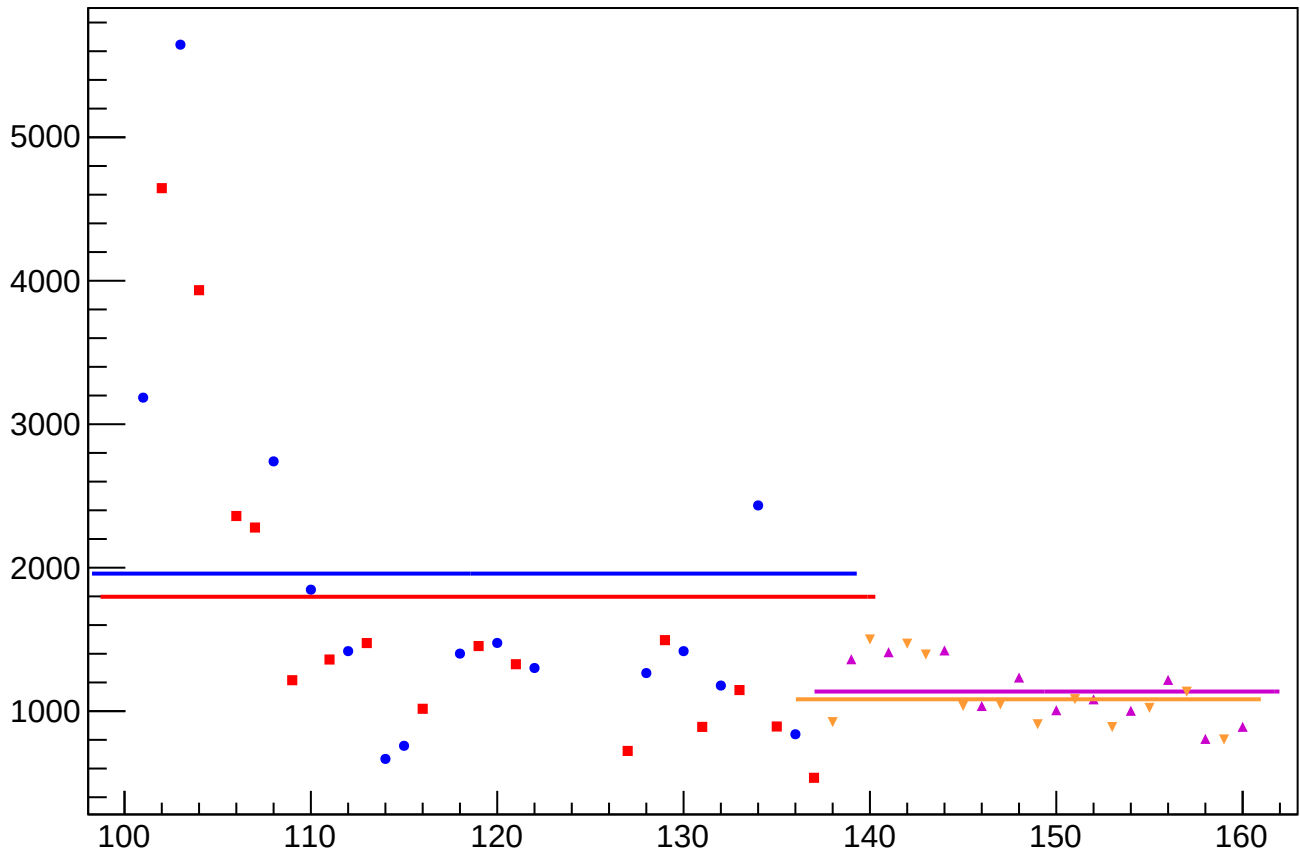
Left In: 1192.687+/-0.000 χ^2/NDF :19255287383728205662654022867381911552.0/10

dit_sam2_coil7_mean vs Slug



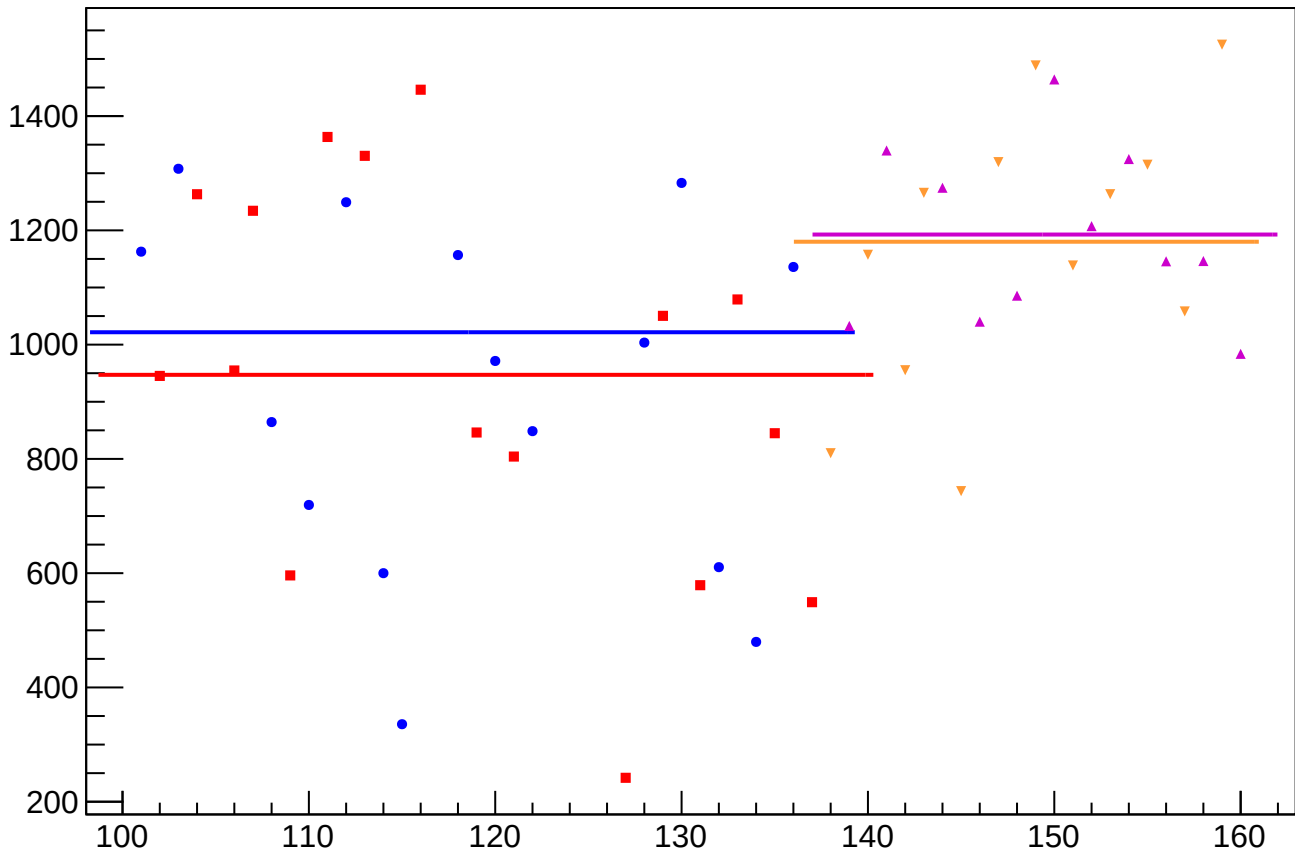
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764 ± 0.000 χ^2/NDF : 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



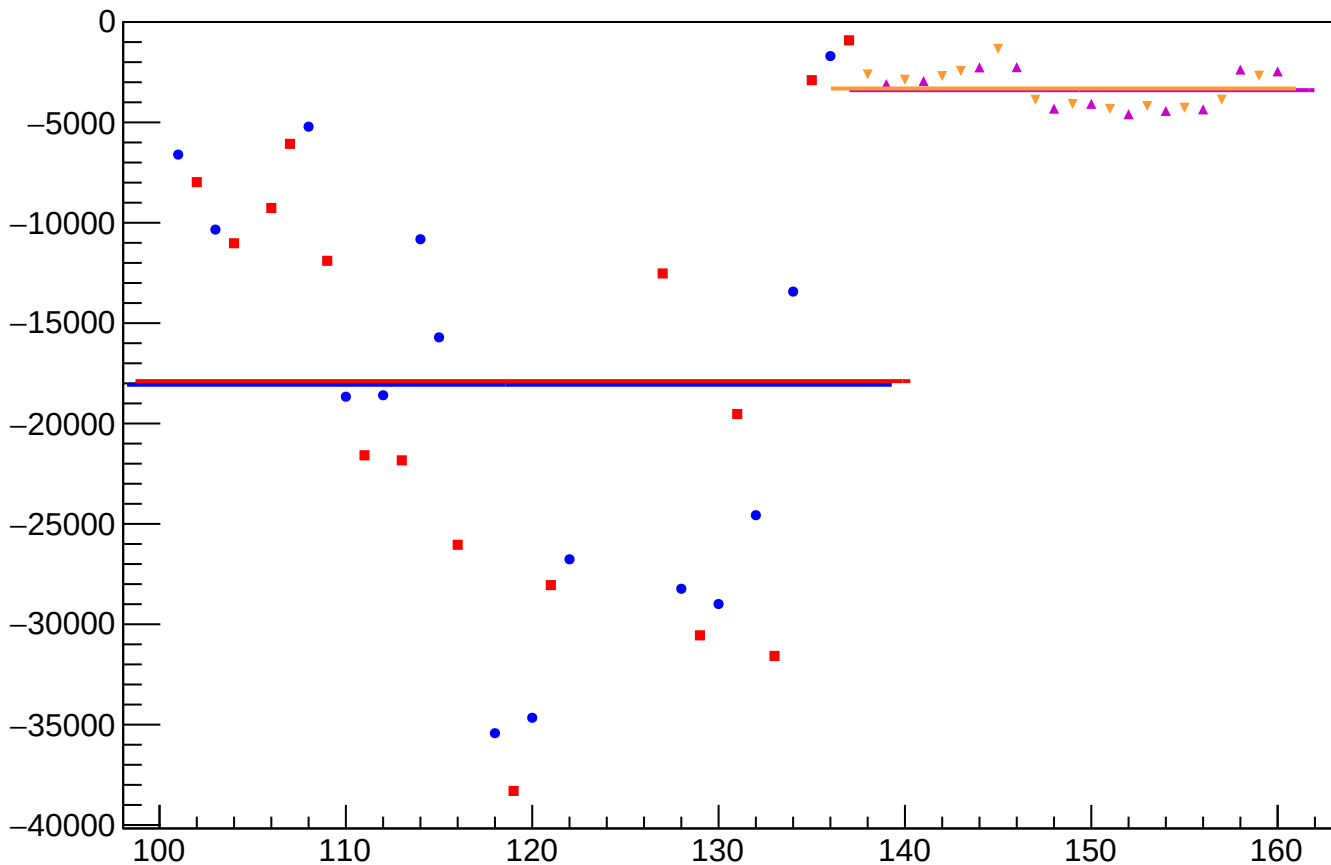
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769+/-0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

dit_sam2_coil7_Ndata_mean vs Slug



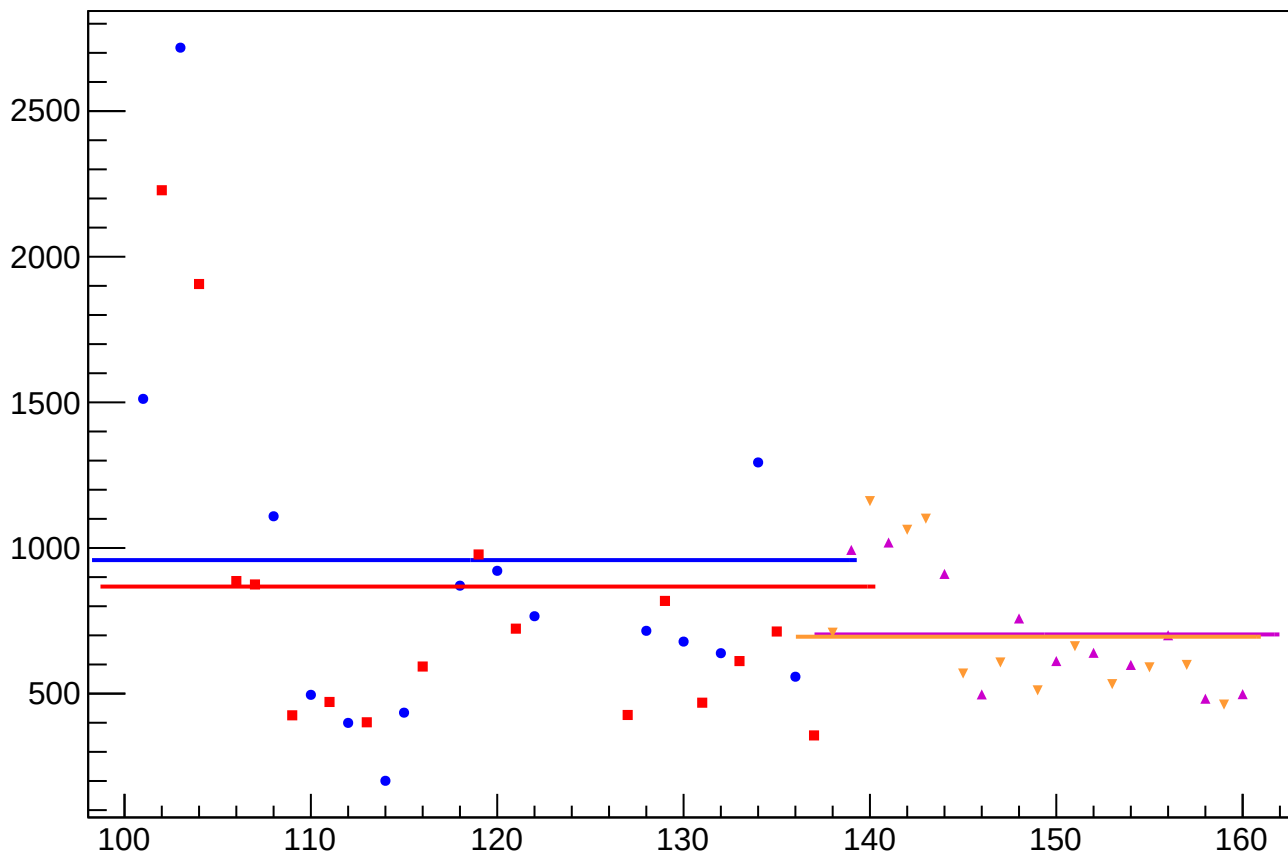
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

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

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

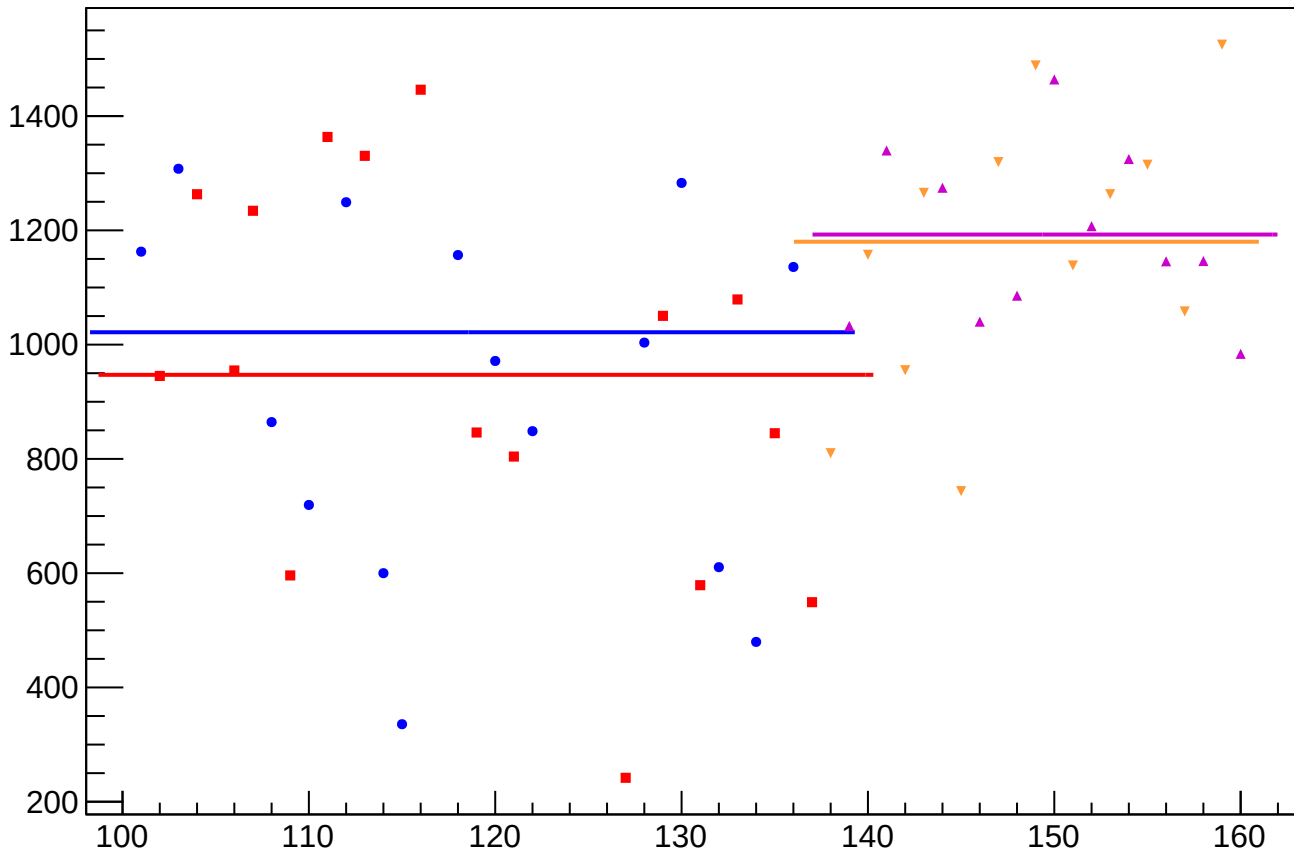
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ 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+/-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

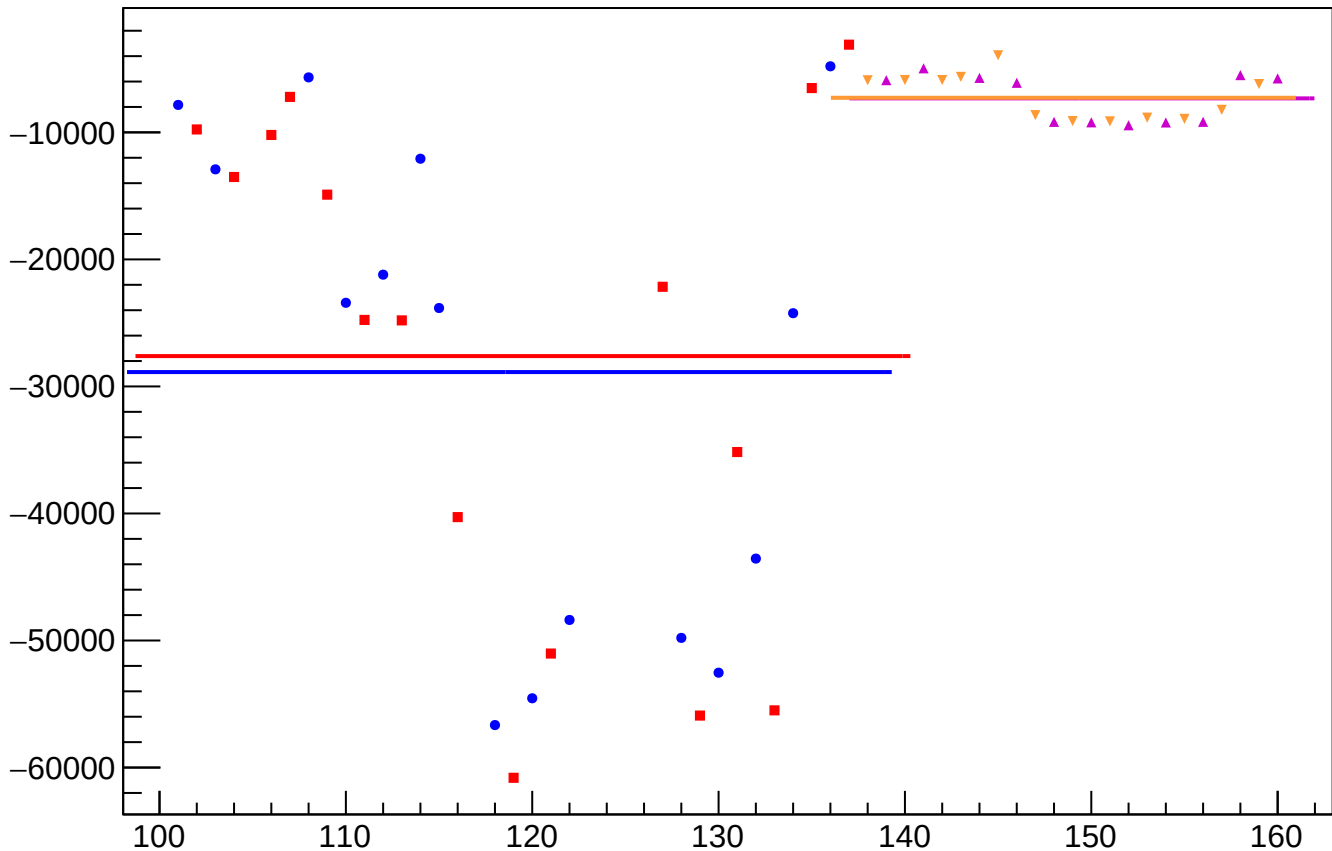
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

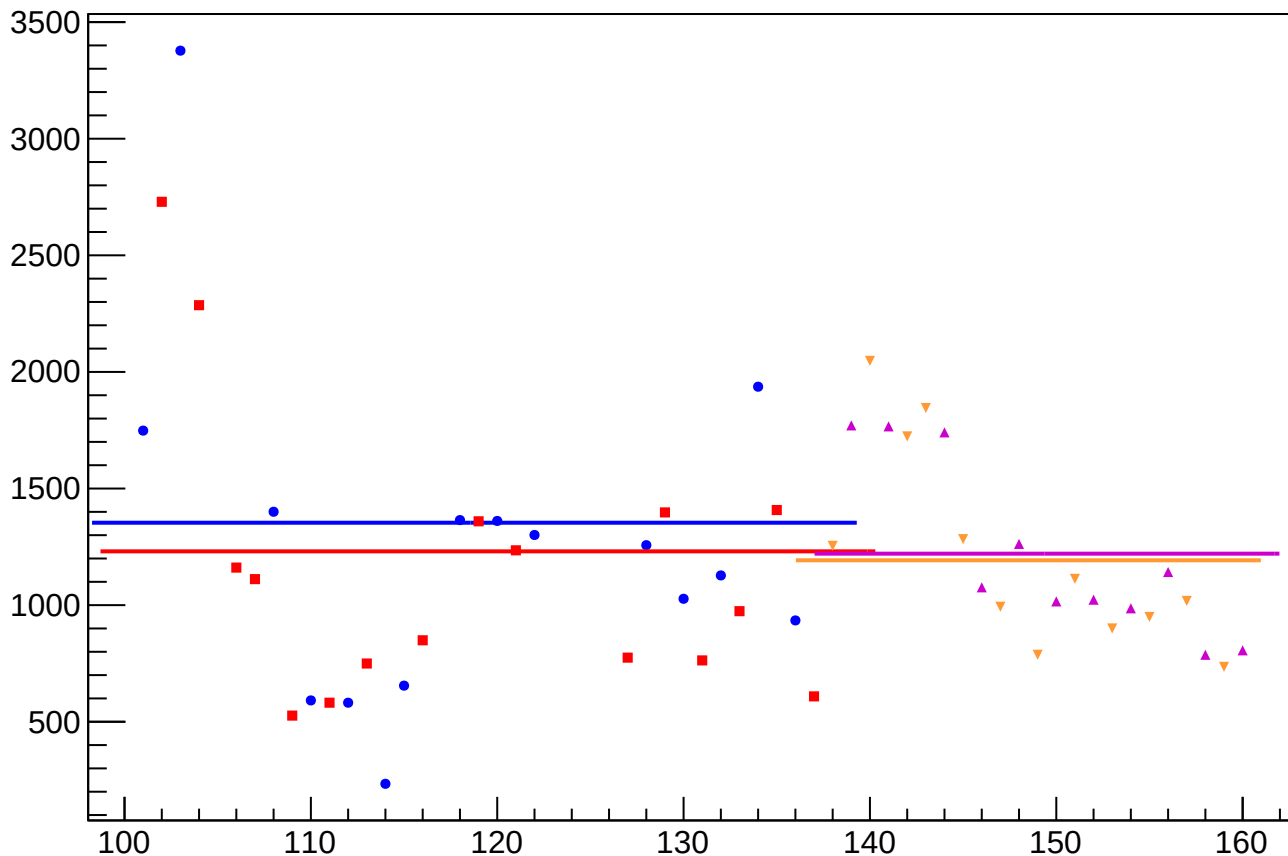
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7277.886+/-0.000 χ^2/NDF : 2738867305918098068317388239234104557568.0/11
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10

dit_sam4_coil7_err_mean vs Slug



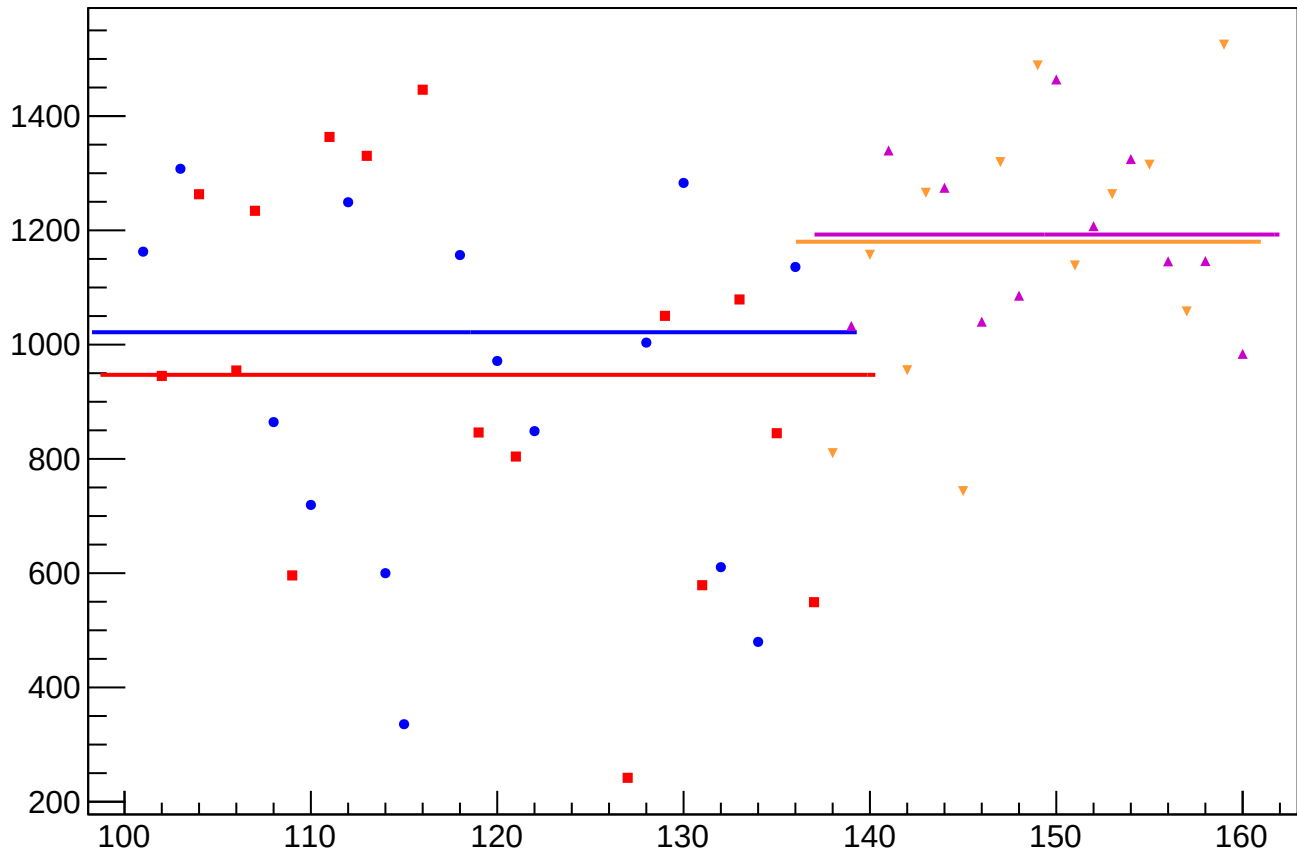
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1192.275+/-0.000 χ^2/NDF : 150893742871936420702627399426239365120.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

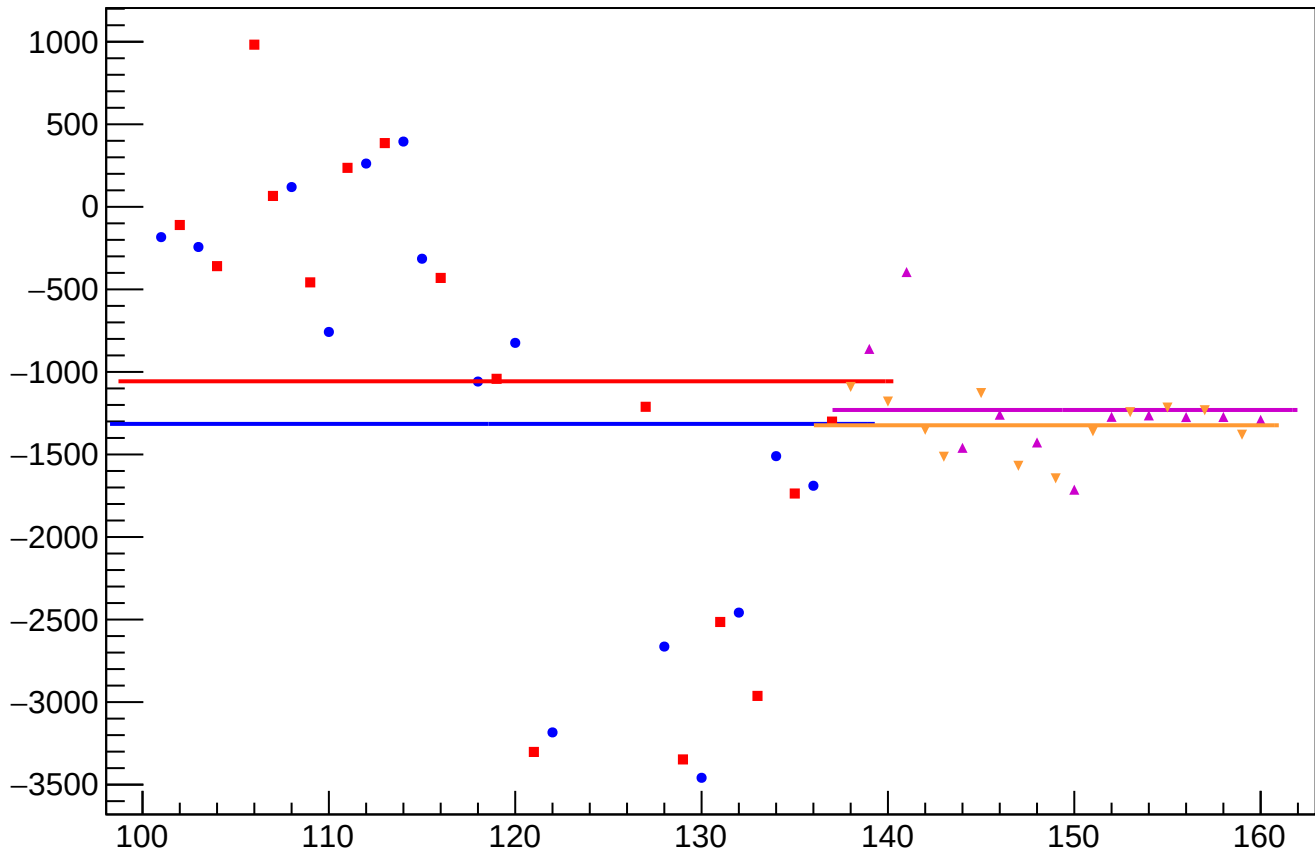
Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684 +/- 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
 All: 1101.926 +/- 0.000 χ^2 /NDF: 21167730452
 + sign 1114.323 +/- 0.000 χ^2 /NDF: 10080626753263
 - sign 1089.748 +/- 0.000 χ^2 /NDF: 11039486982366

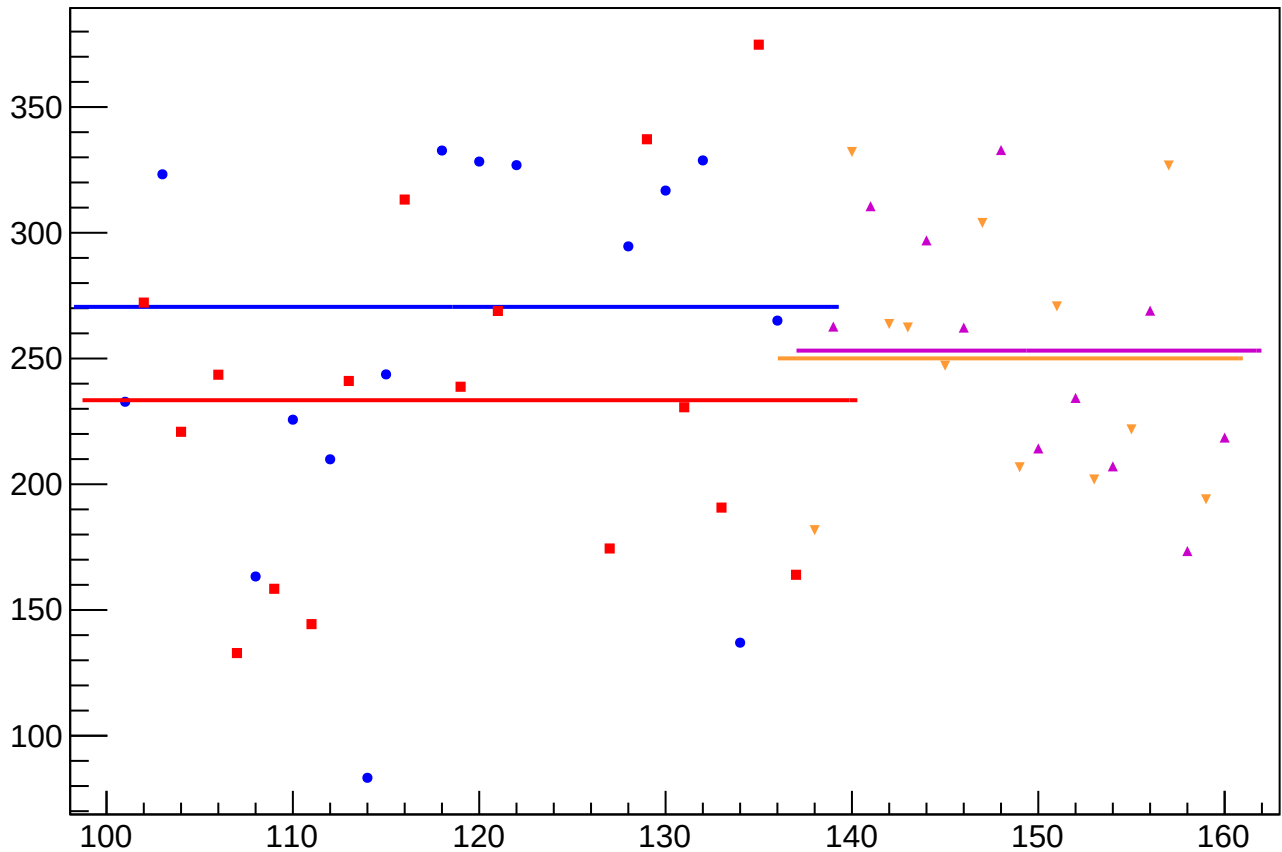
dit_sam5_coil7_mean vs Slug



Right In: -1314.782 ± 0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left Out: -1323.142 ± 0.000 χ^2/NDF : 27180584789293911694803613303409999872.0/11
 Right Out: -1056.765 ± 0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Left In: -1230.430 ± 0.000 χ^2/NDF : 100431691068850056086409132460520505344.0/10

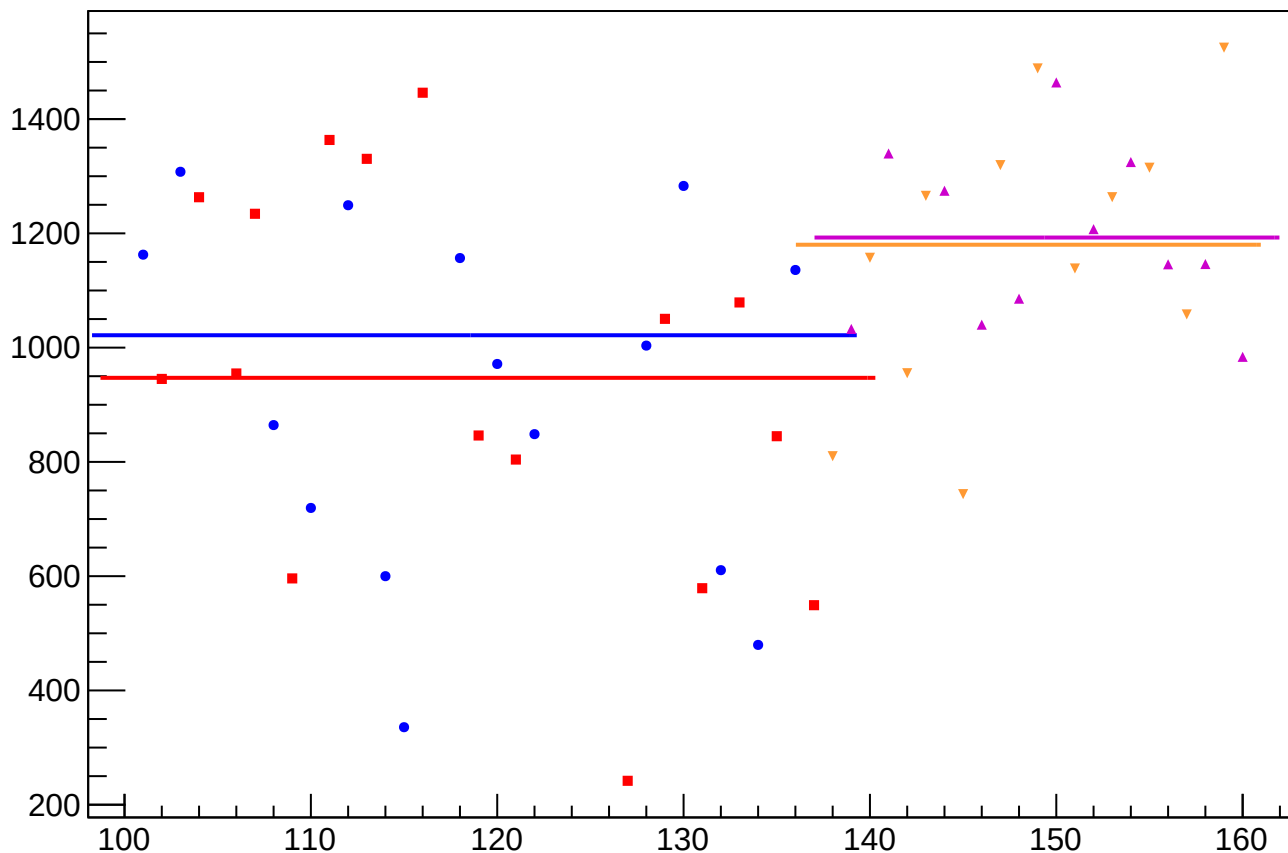
All: -1237.928 ± 0.000 χ^2/NDF : 2253249413
 + sign -1319.671 ± 0.000 χ^2/NDF : 9932894812646
 - sign -1157.624 ± 0.000 χ^2/NDF : 12392561616784

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538 $\pm$ 0.000 χ^2 /NDF: 2473839905347950323907848405170257920.0/14
 Left Out: 250.055 $\pm$ 0.000 χ^2 /NDF: 2329396041694824766683600755668025344.0/11
 Right Out: 233.421 $\pm$ 0.000 χ^2 /NDF: 3048529087317888615064010247743995904.0/15
 Left In: 253.145 $\pm$ 0.000 χ^2 /NDF: 1980196841930298045035907903943344128.0/10

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-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

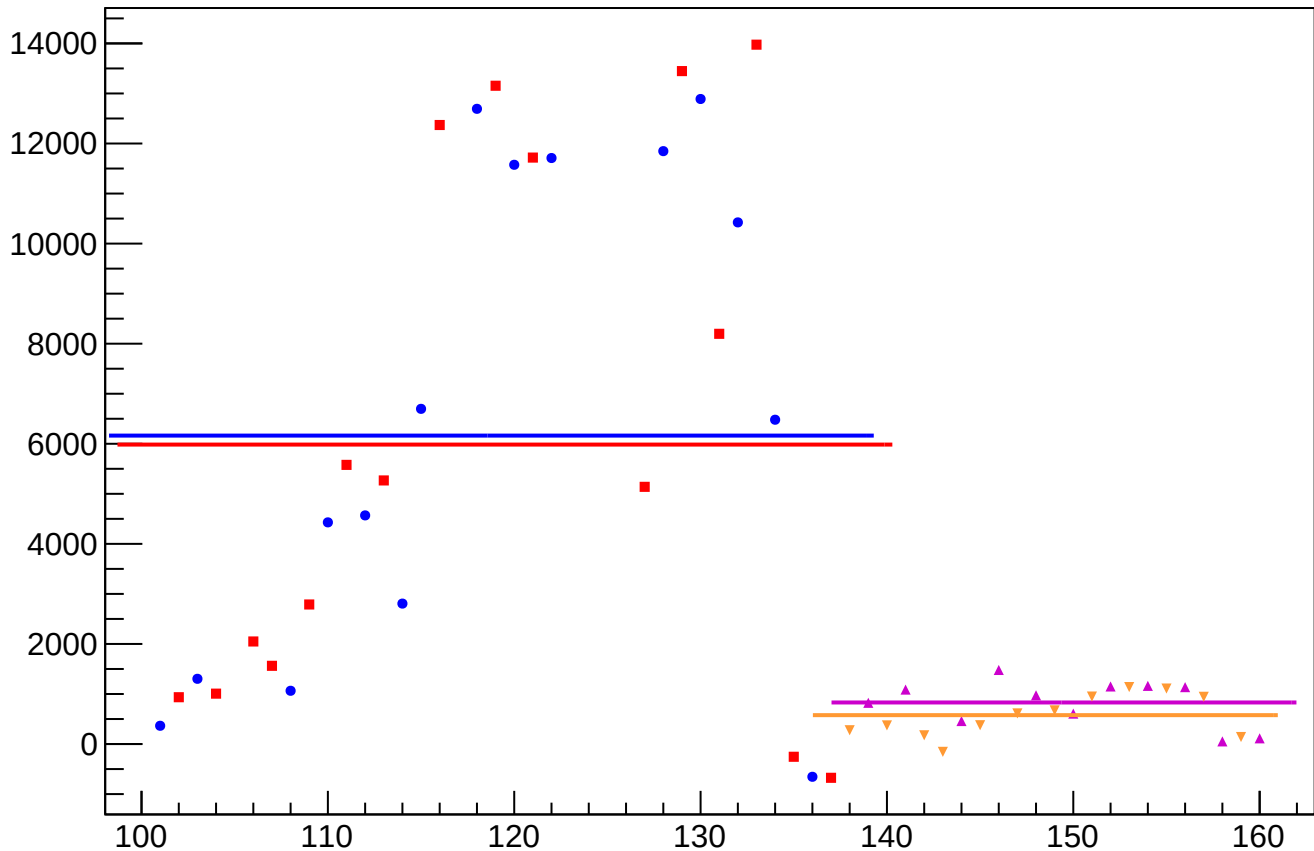
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

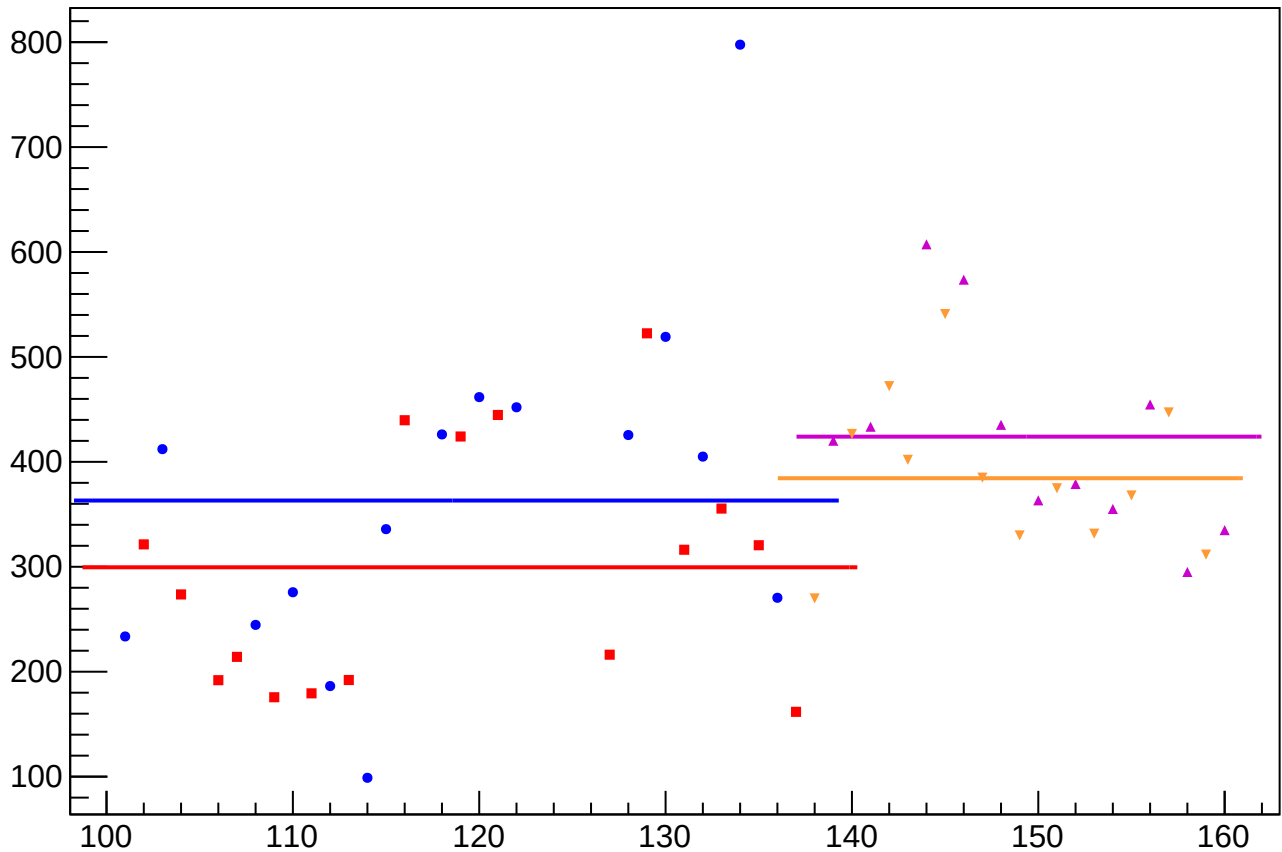
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_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



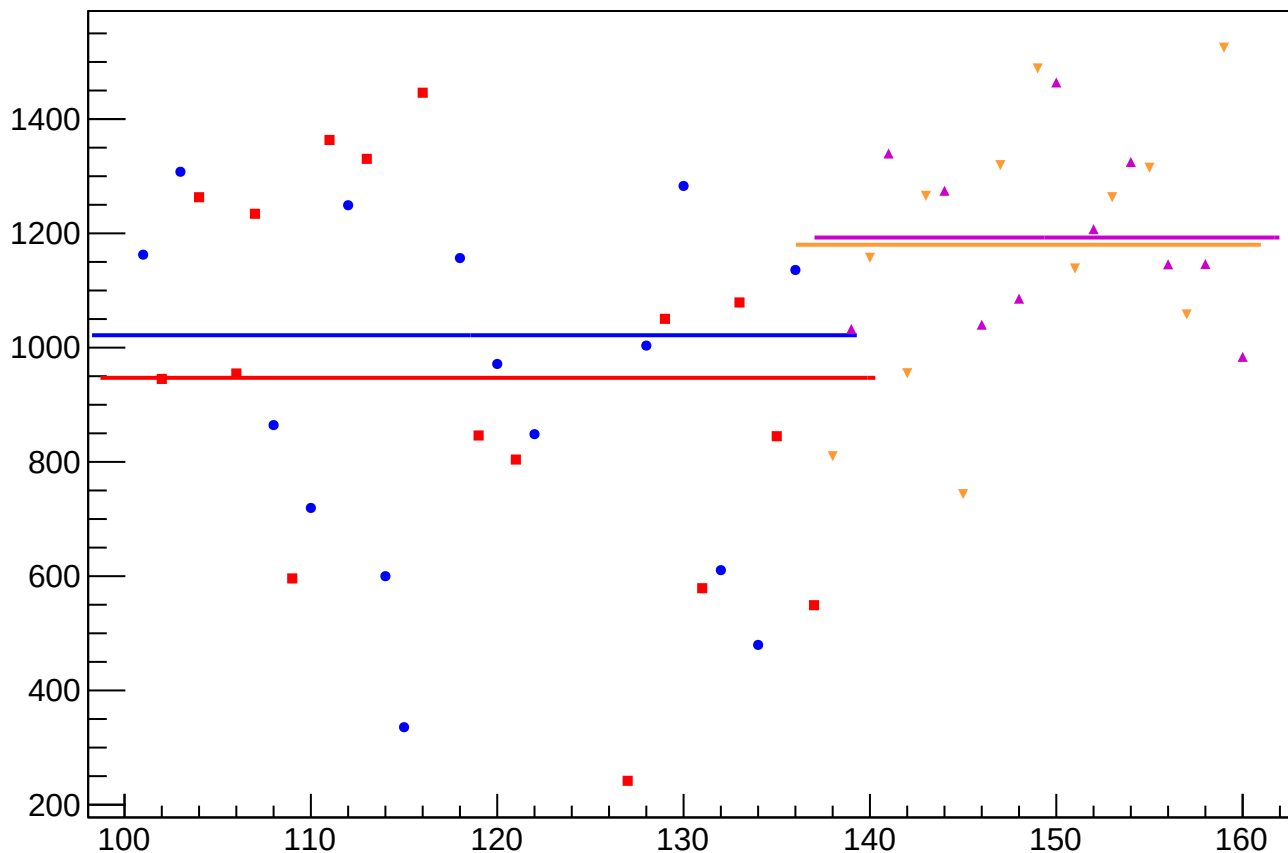
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

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

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

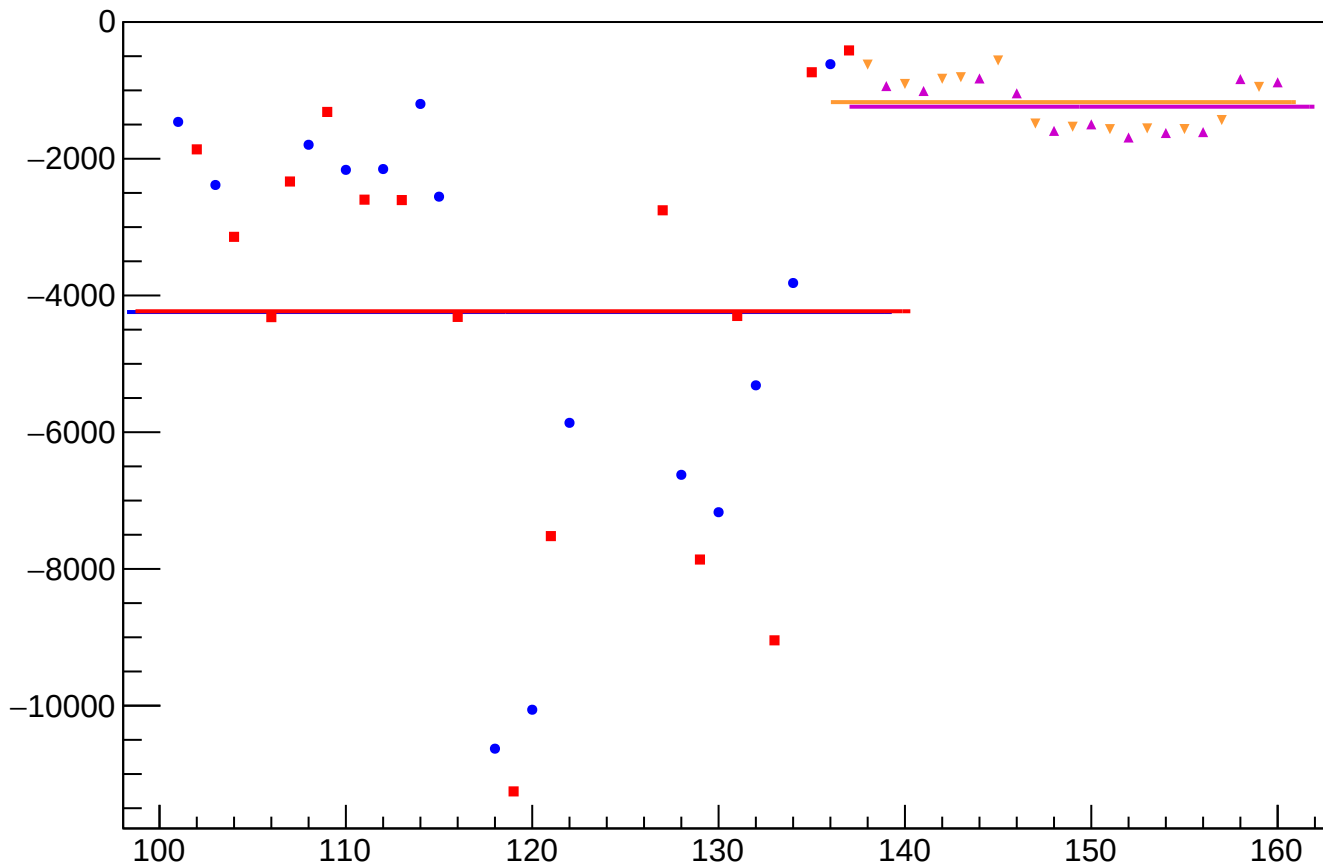
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

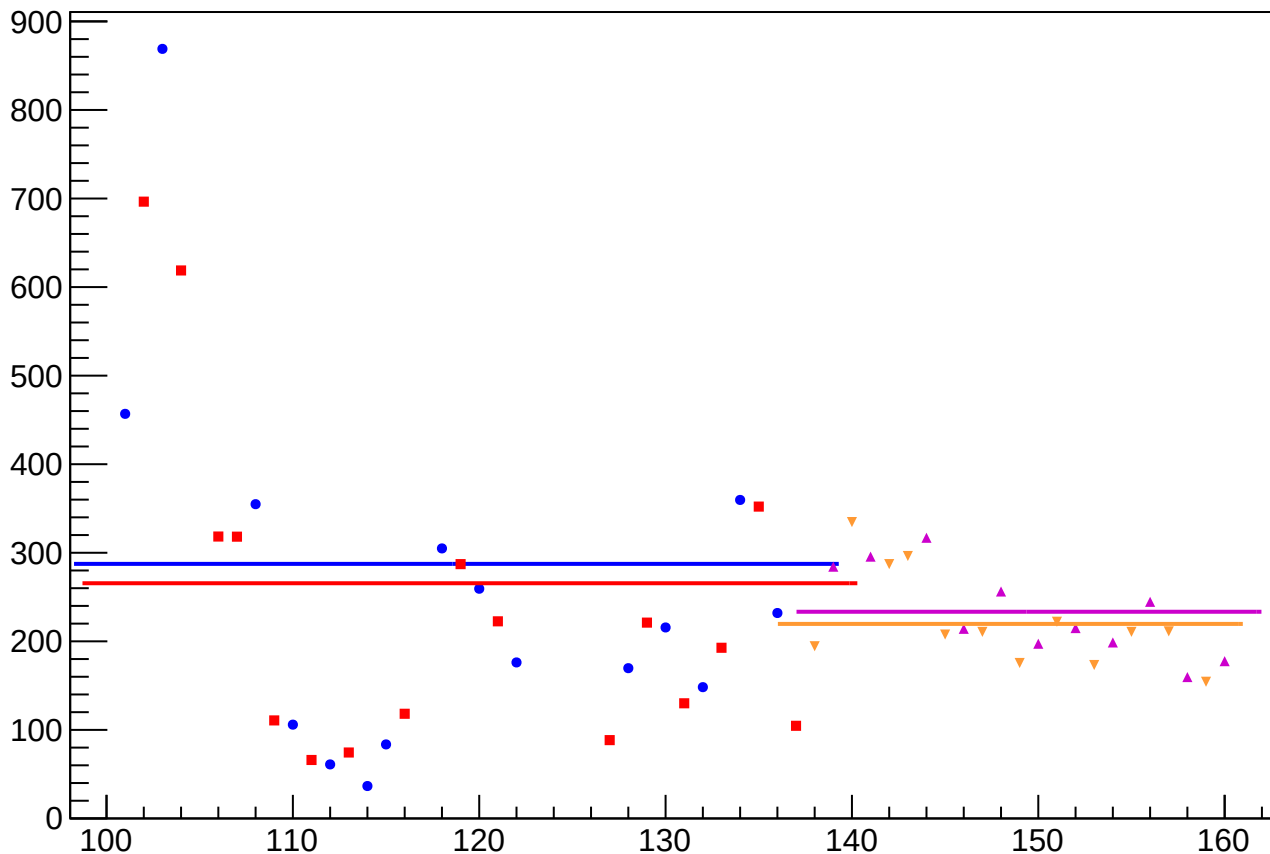
dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000	χ^2/NDF : 6783472272174151371145601081742110752768.0/14
Left Out: -1171.784+/-0.000	χ^2/NDF : 137401425112319786783295403719378599936.0/11
Right Out: -4230.978+/-0.000	χ^2/NDF : 6682409528103016752204343573740930465792.0/15
Left In: -1238.776+/-0.000	χ^2/NDF : 111339045659652616720712870833504124928.0/10

+ 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

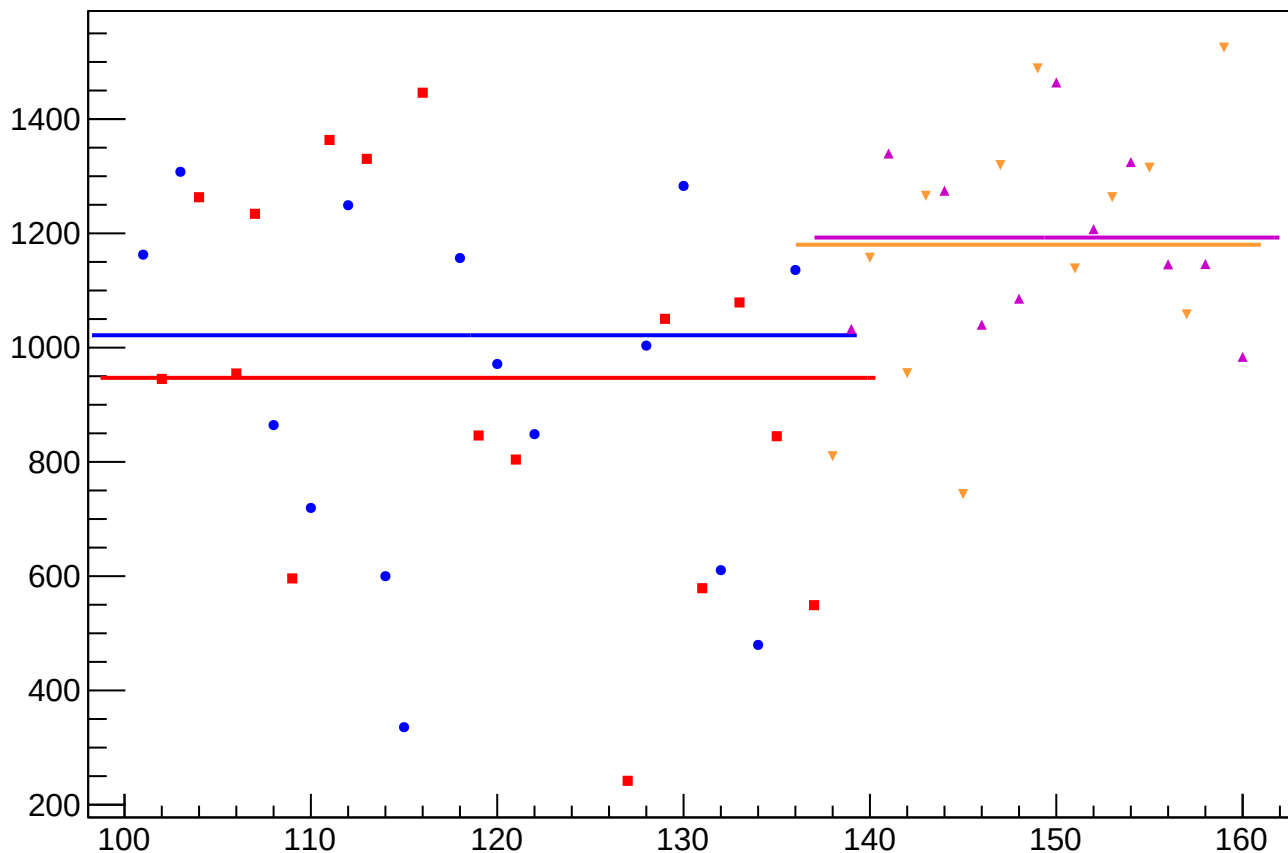
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ 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+/-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

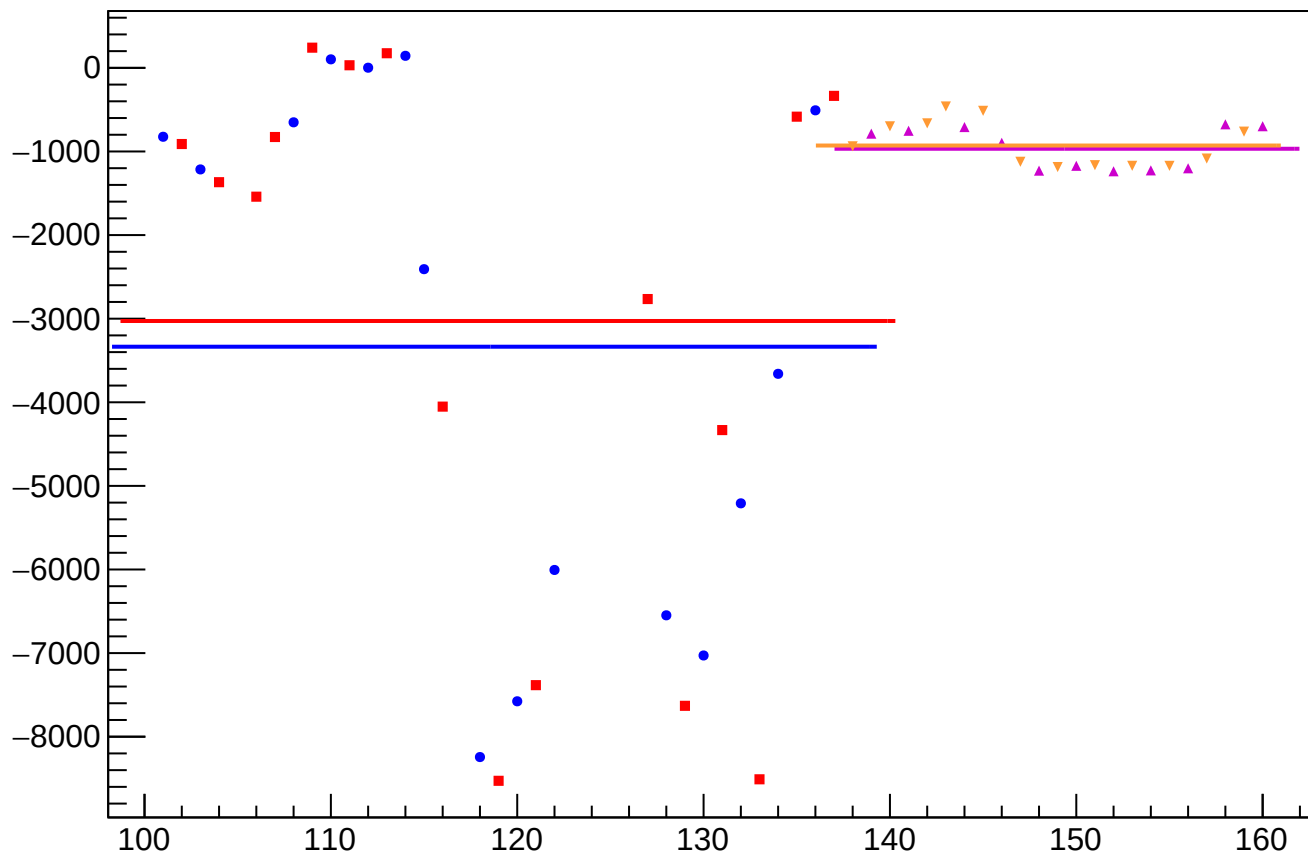
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

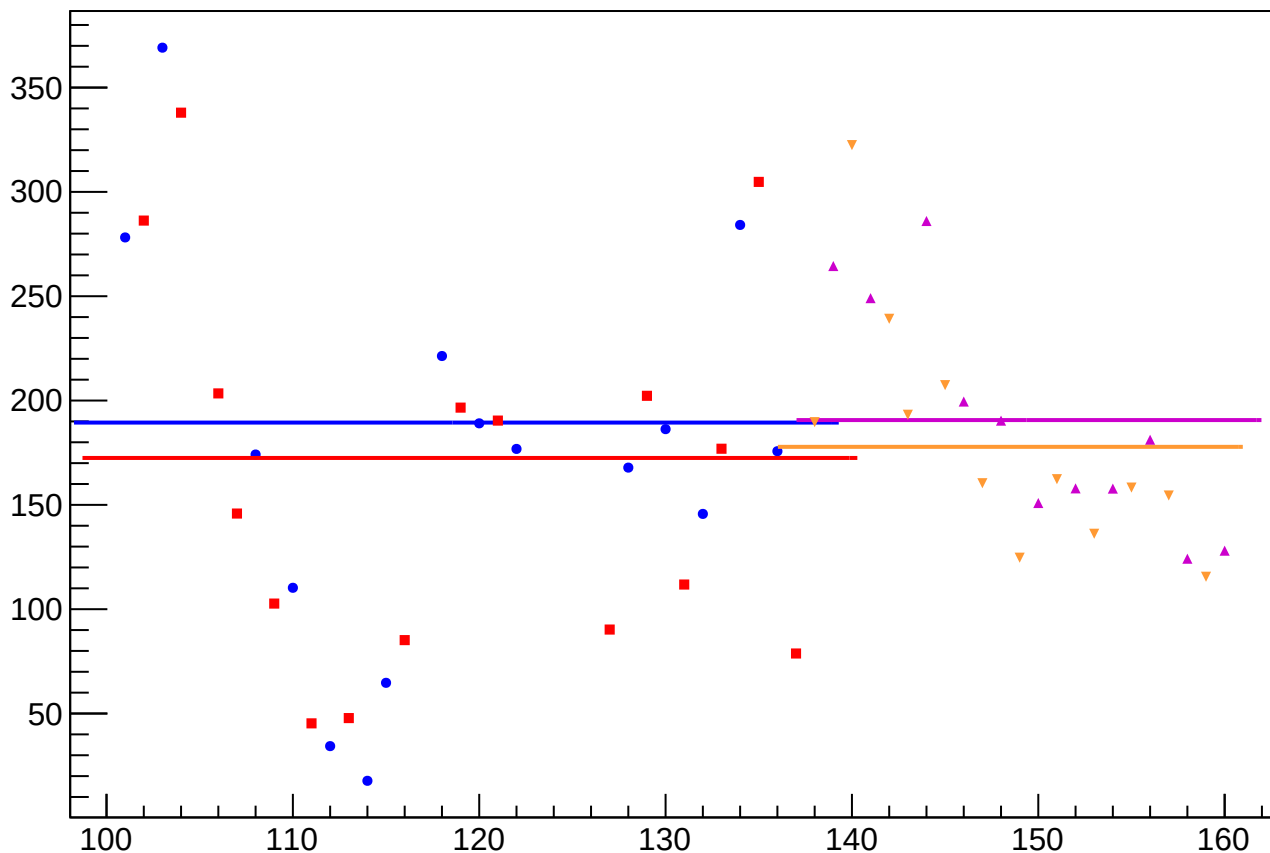
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam8_coil7_mean vs Slug



Right In: -3335.273 ± 0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -928.862 ± 0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 Right Out: -3027.603 ± 0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568 ± 0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442 $\pm$ 0.000 χ^2 /NDF: 4707234253929700721726064108794544128.0/14

Left Out: 177.811 $\pm$ 0.000 χ^2 /NDF: 2793392529927944860081581234505908224.0/11

Right Out: 172.485 $\pm$ 0.000 χ^2 /NDF: 5594813408996728261938711470404534272.0/15

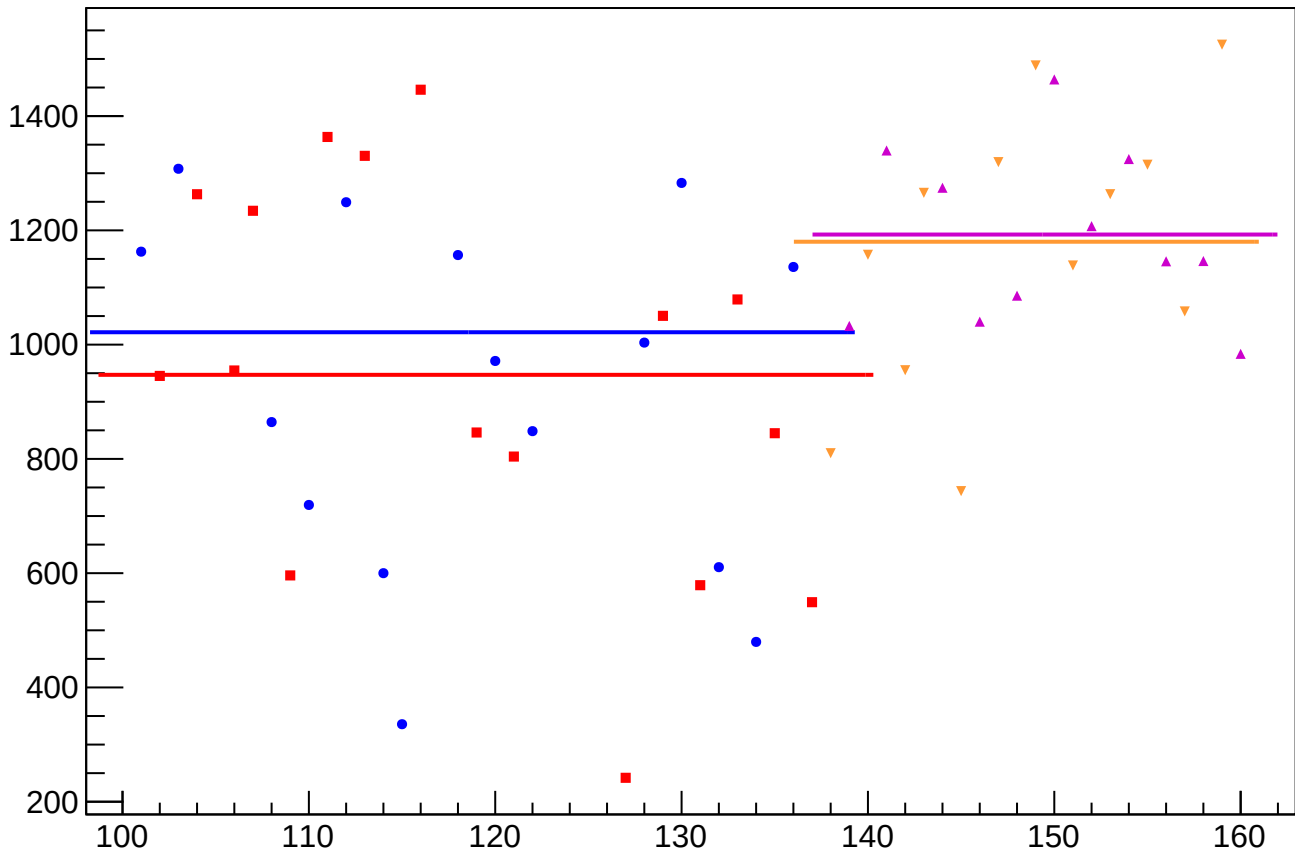
Left In: 190.641 $\pm$ 0.000 χ^2 /NDF: 2536070386684067132001548898091925504.0/10

+ sign 182.640 $\pm$ 0.000 χ^2 /NDF: 755196649084906

All: 182.836 $\pm$ 0.000 χ^2 /NDF: 15810669328

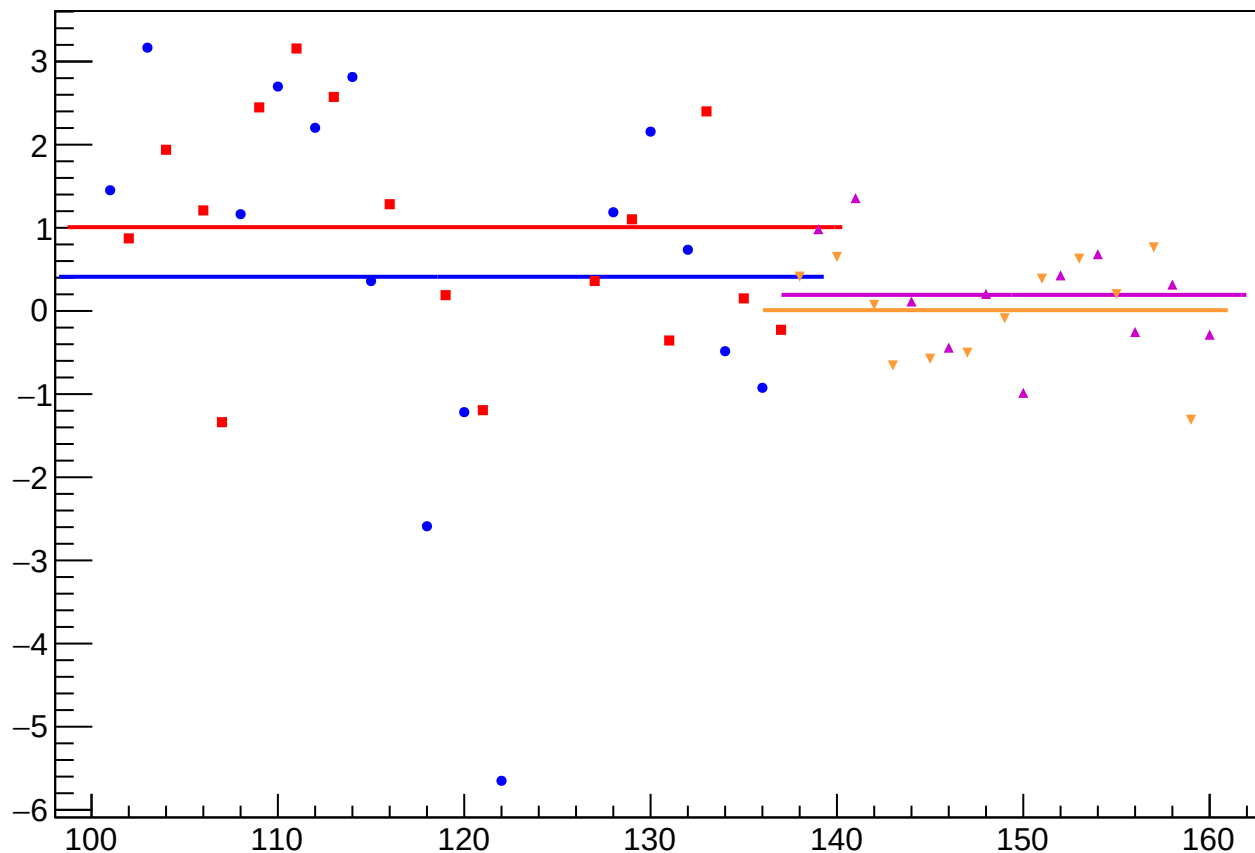
- sign 183.029 $\pm$ 0.000 χ^2 /NDF: 825858339211044

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 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_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

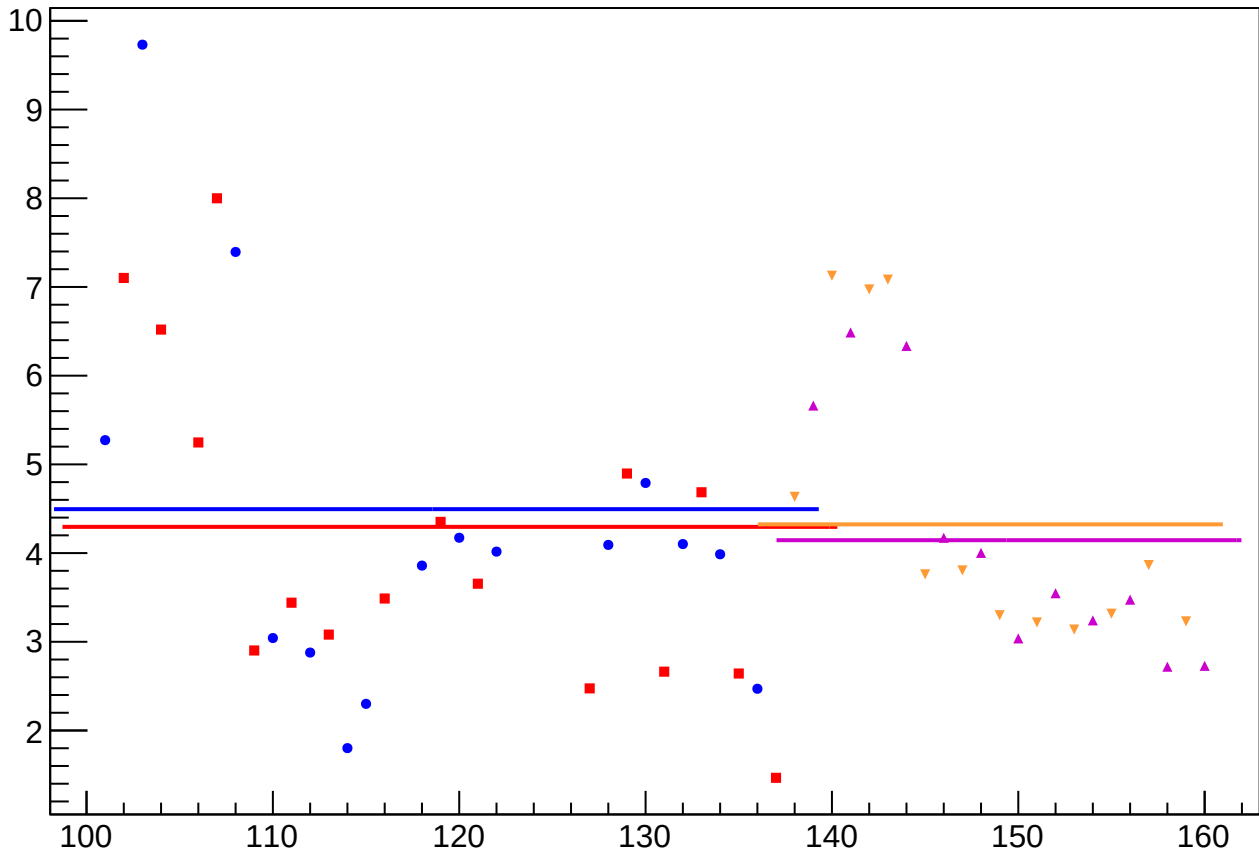
χ^2/NDF : 386133523330033860307880234713088.0/10

+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763

All: 0.357+/-0.000 χ^2/NDF : 56741679110622

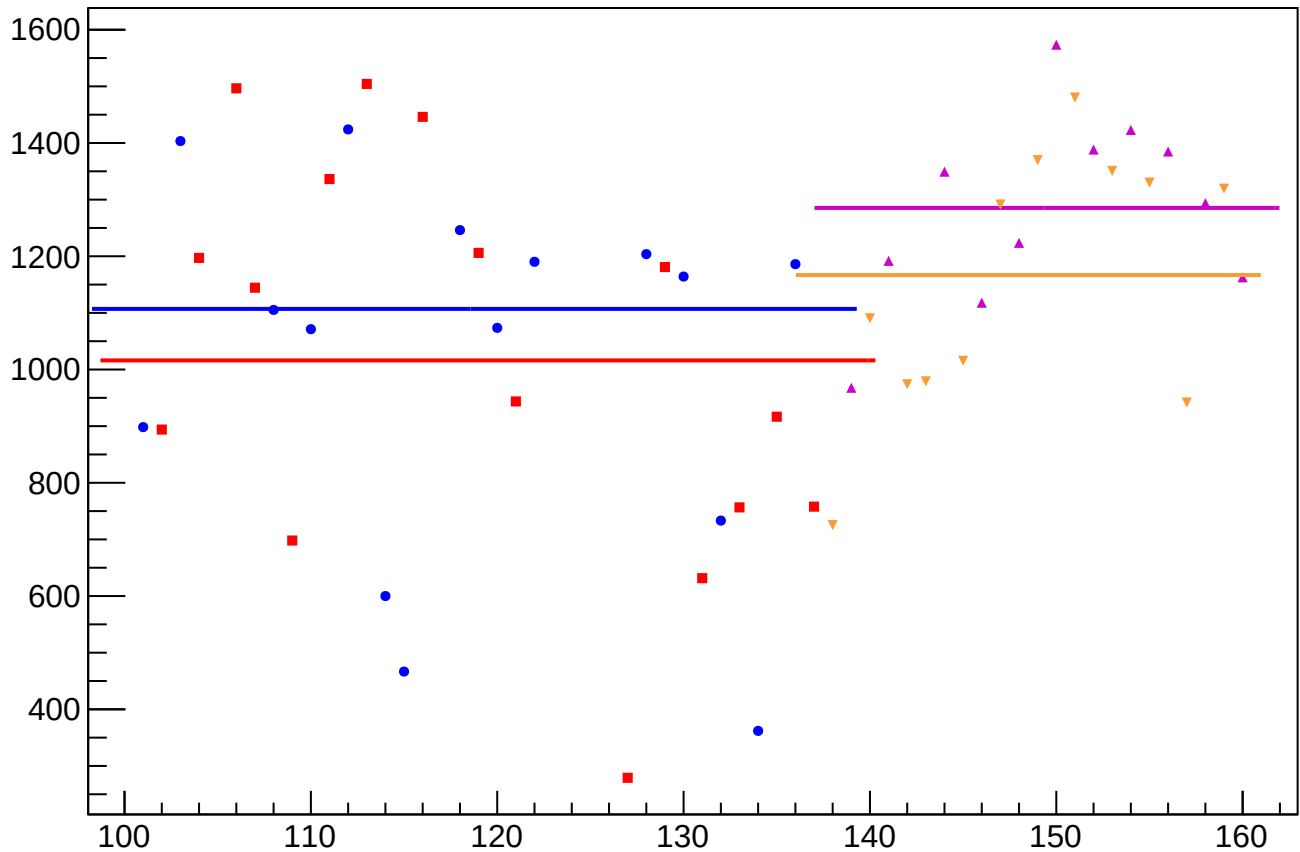
- sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



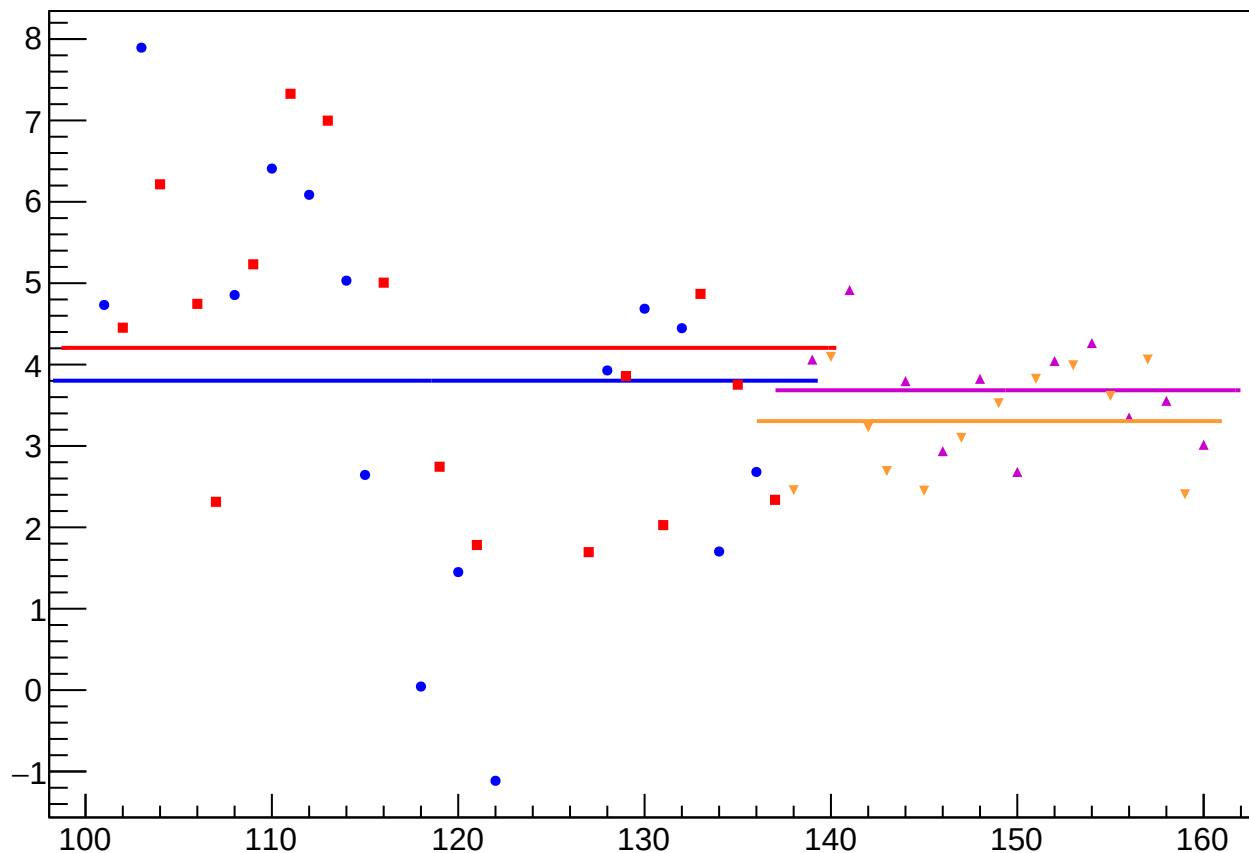
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug



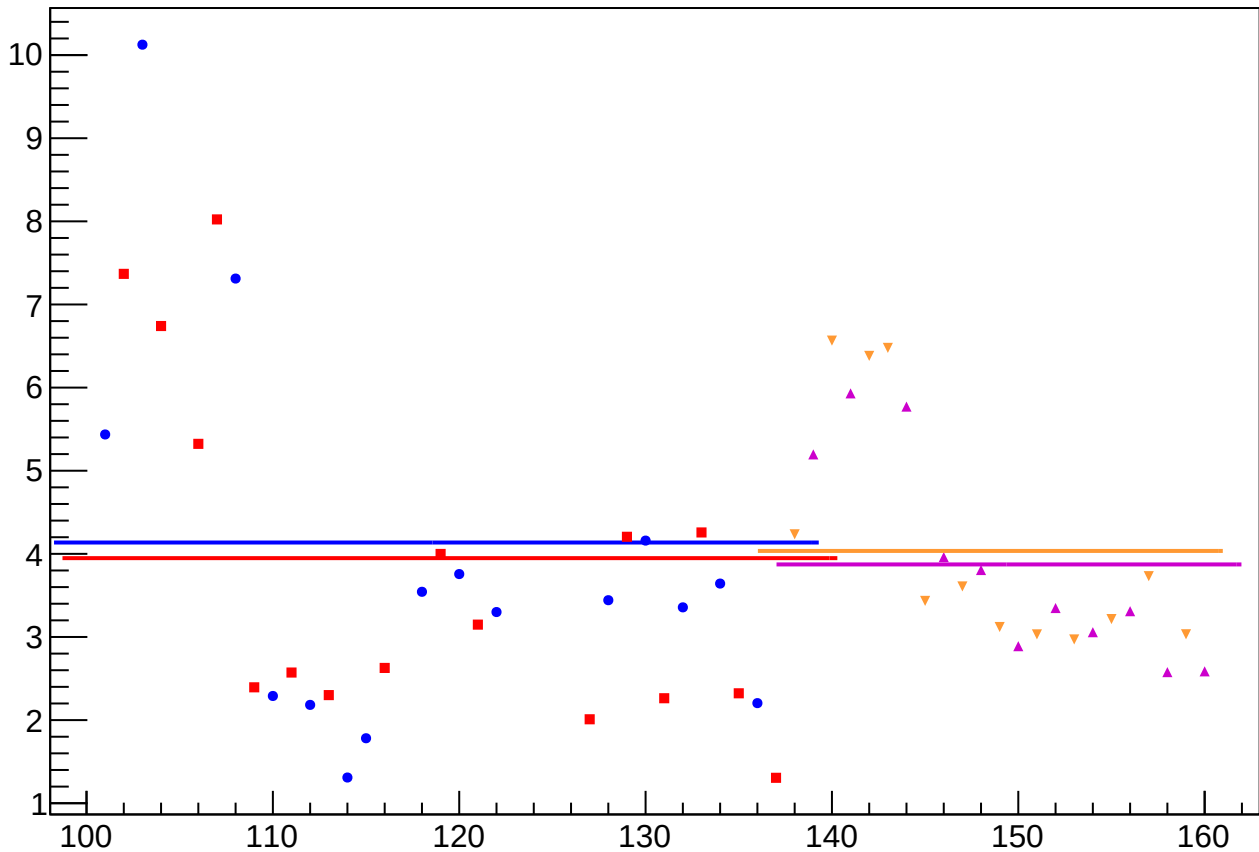
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_4eX_coil4_mean vs Slug



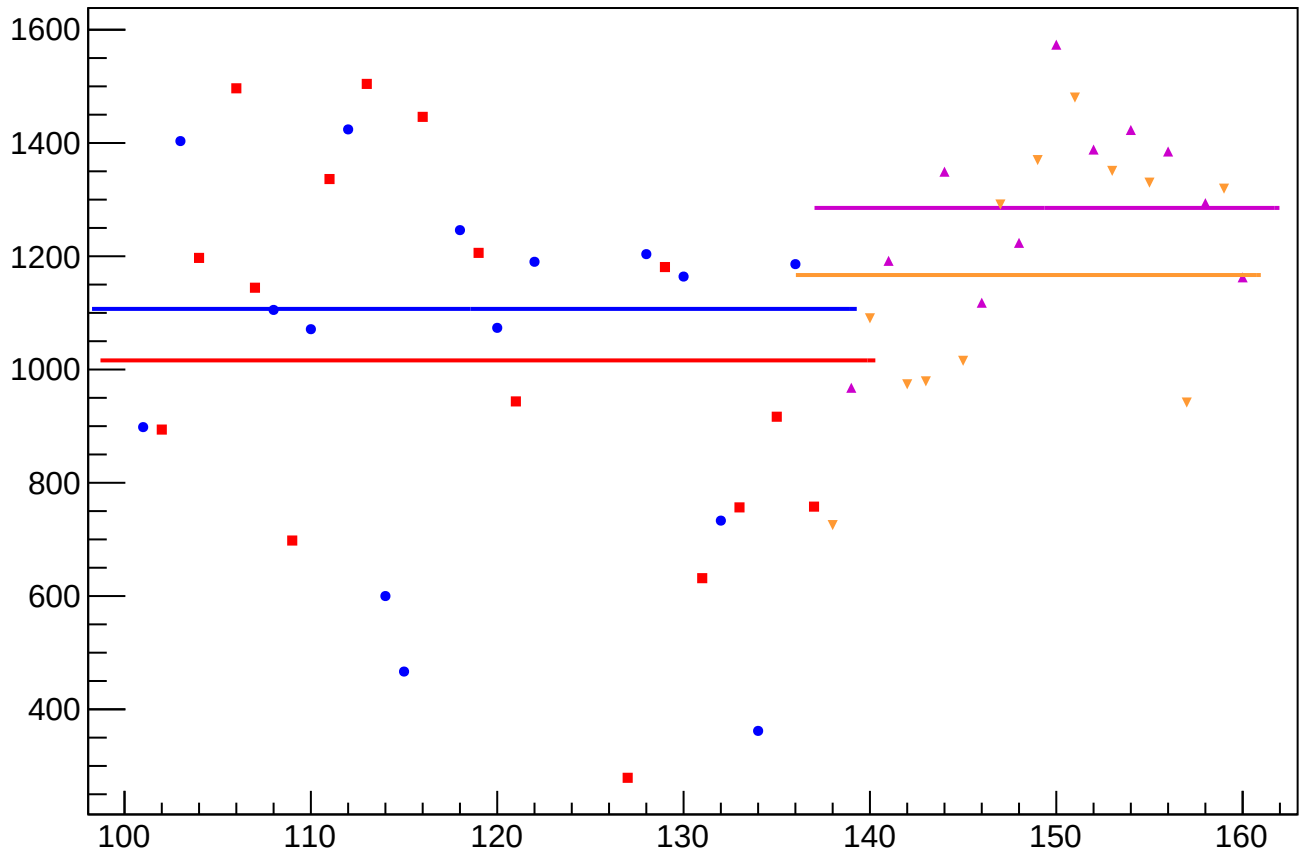
Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14	+ sign 3.512+/-0.000	χ^2/NDF : 42645411605619782
Left Out: 3.305+/-0.000	χ^2/NDF : 375514605339805624898679558111232.0/11	All: 3.709+/-0.000	χ^2/NDF : 6952977853900
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15	- sign 3.903+/-0.000	χ^2/NDF : 25677839447530972
Left In: 3.684+/-0.000	χ^2/NDF : 366001419656422310601850072596480.0/10		

dit_4eX_coil4_err_mean vs Slug

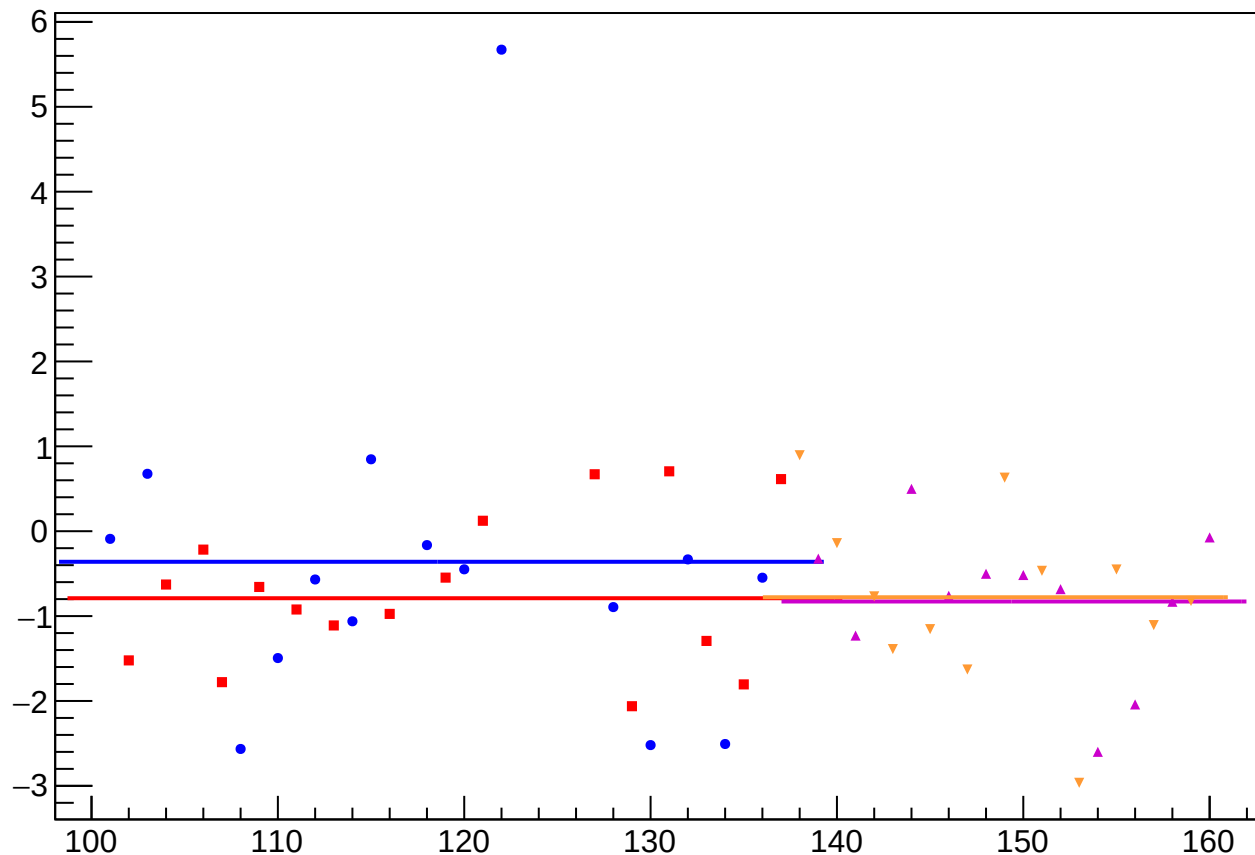


Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.035 ± 0.000 χ^2/NDF : 1609299061352578548486150138363904.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



dit_11X12X_coil4_mean vs Slug



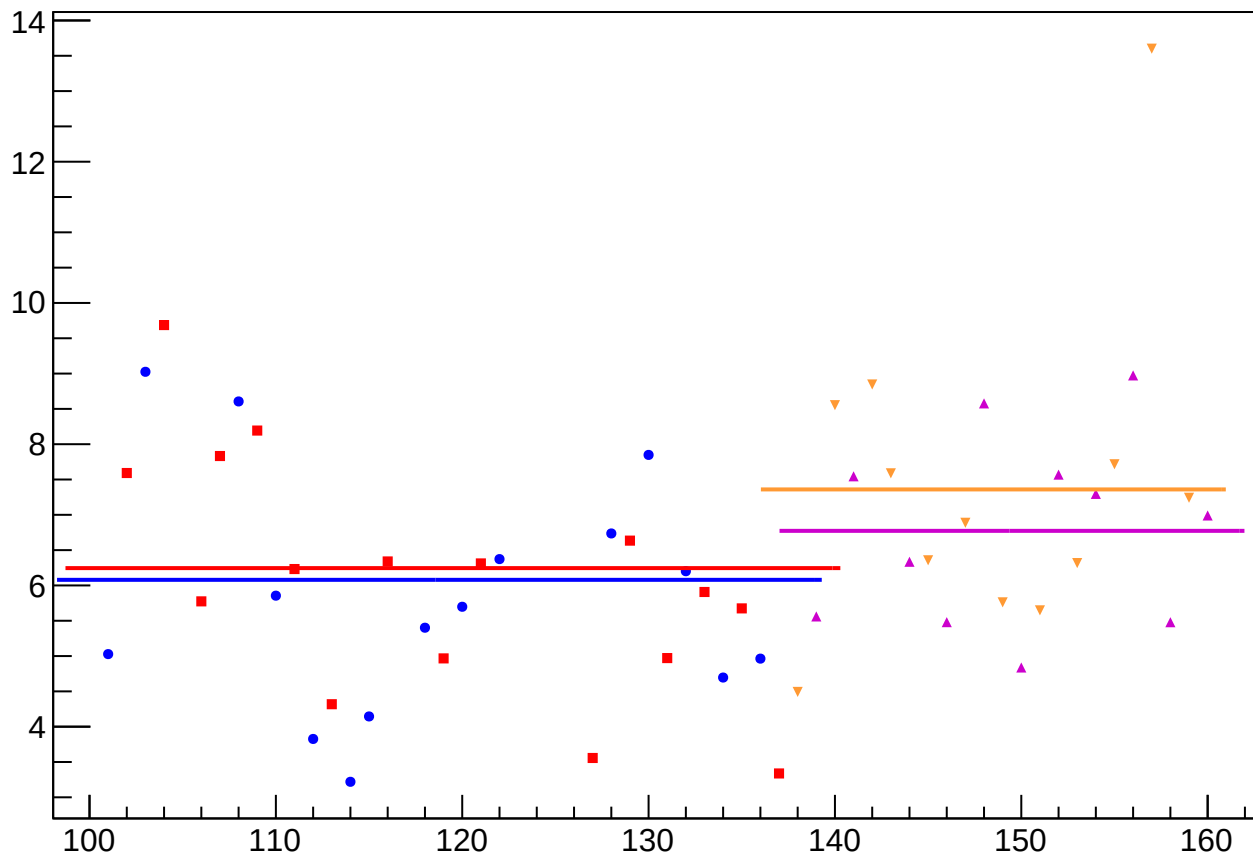
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.778+/-0.000 χ^2/NDF : 941792568376434225486843988672512.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 7.360+/-0.000 χ^2/NDF : 4580380755239365503585140070154240.0/11

Right Out: 6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15

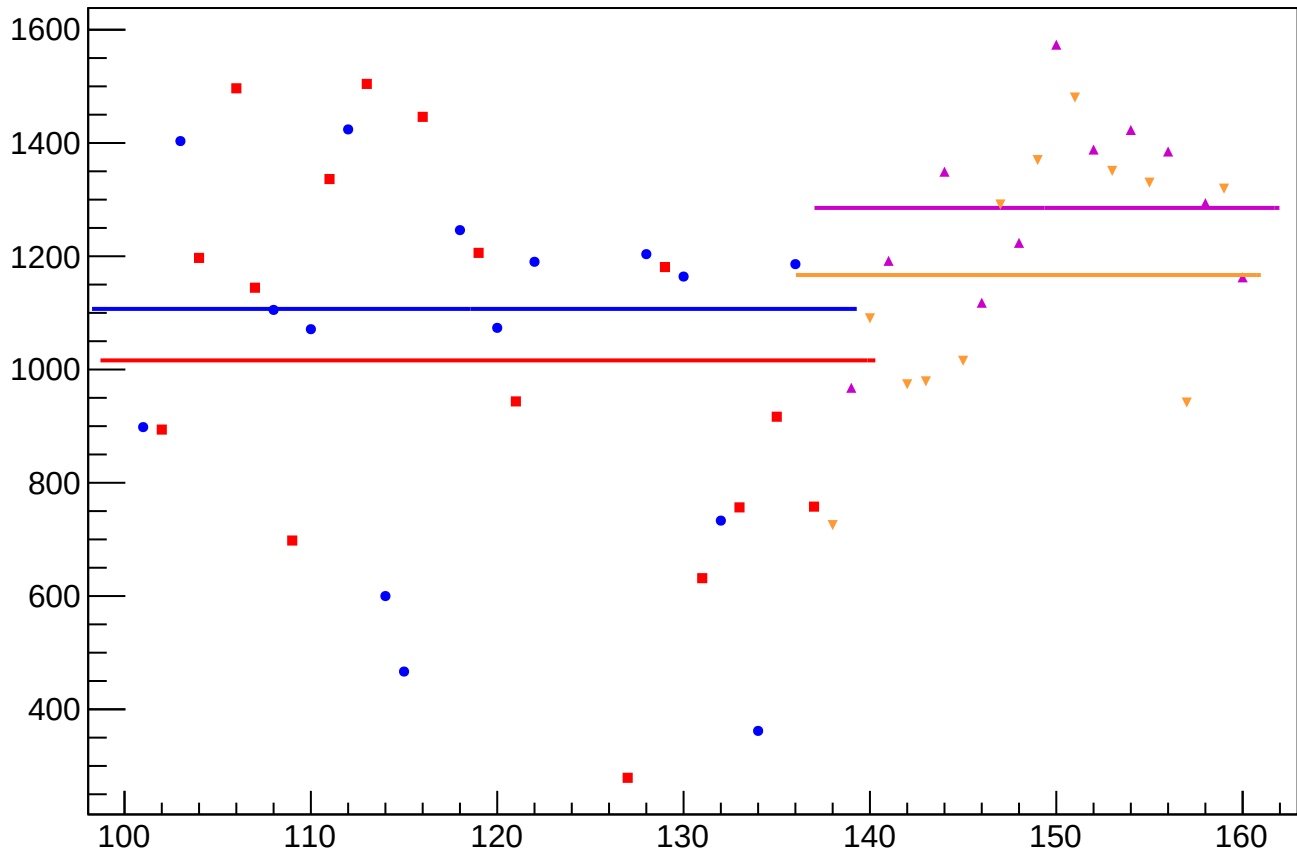
Left In: 6.773+/-0.000 χ^2/NDF : 1545880653062872635060205832372224.0/10

+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869

All: 6.689+/-0.000 χ^2/NDF : 1032305053905

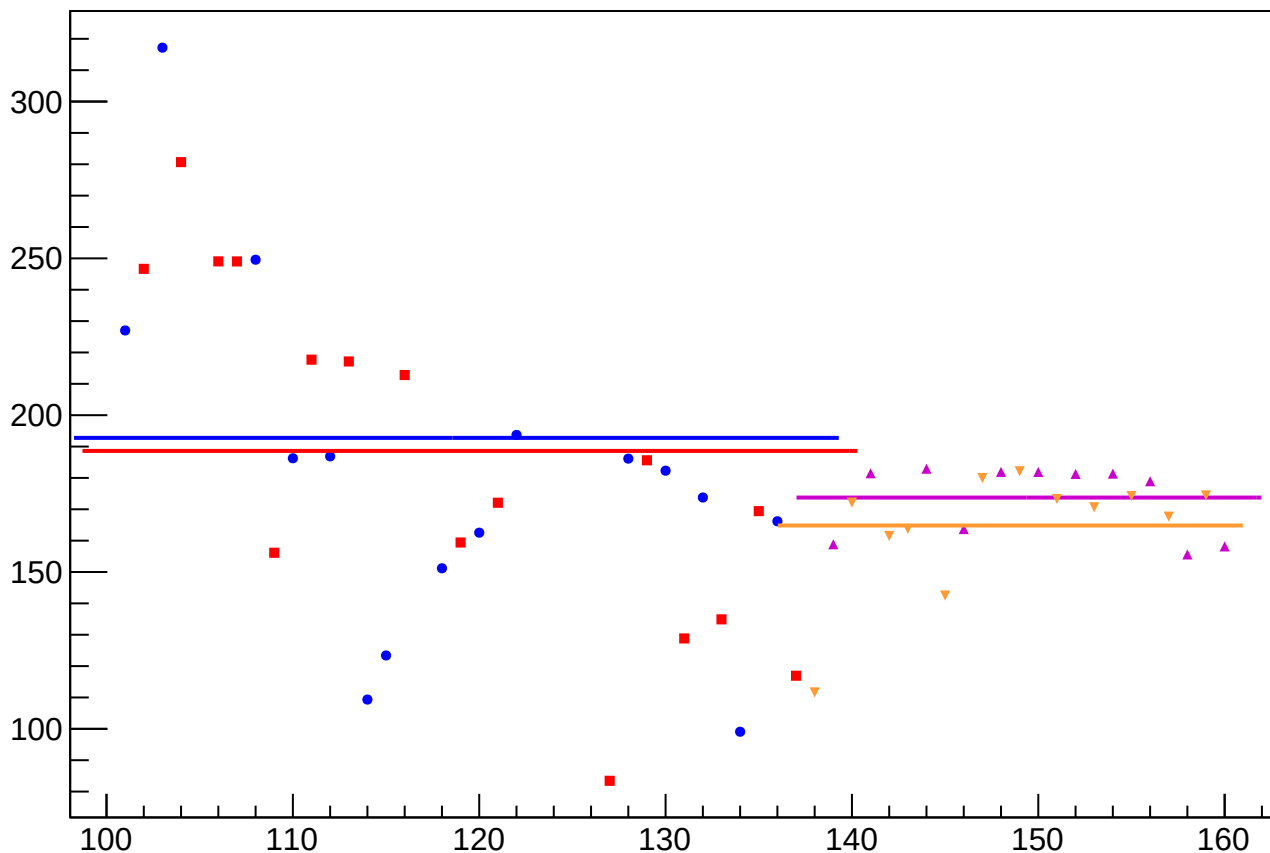
- sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 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_4aY_coil4_mean vs Slug



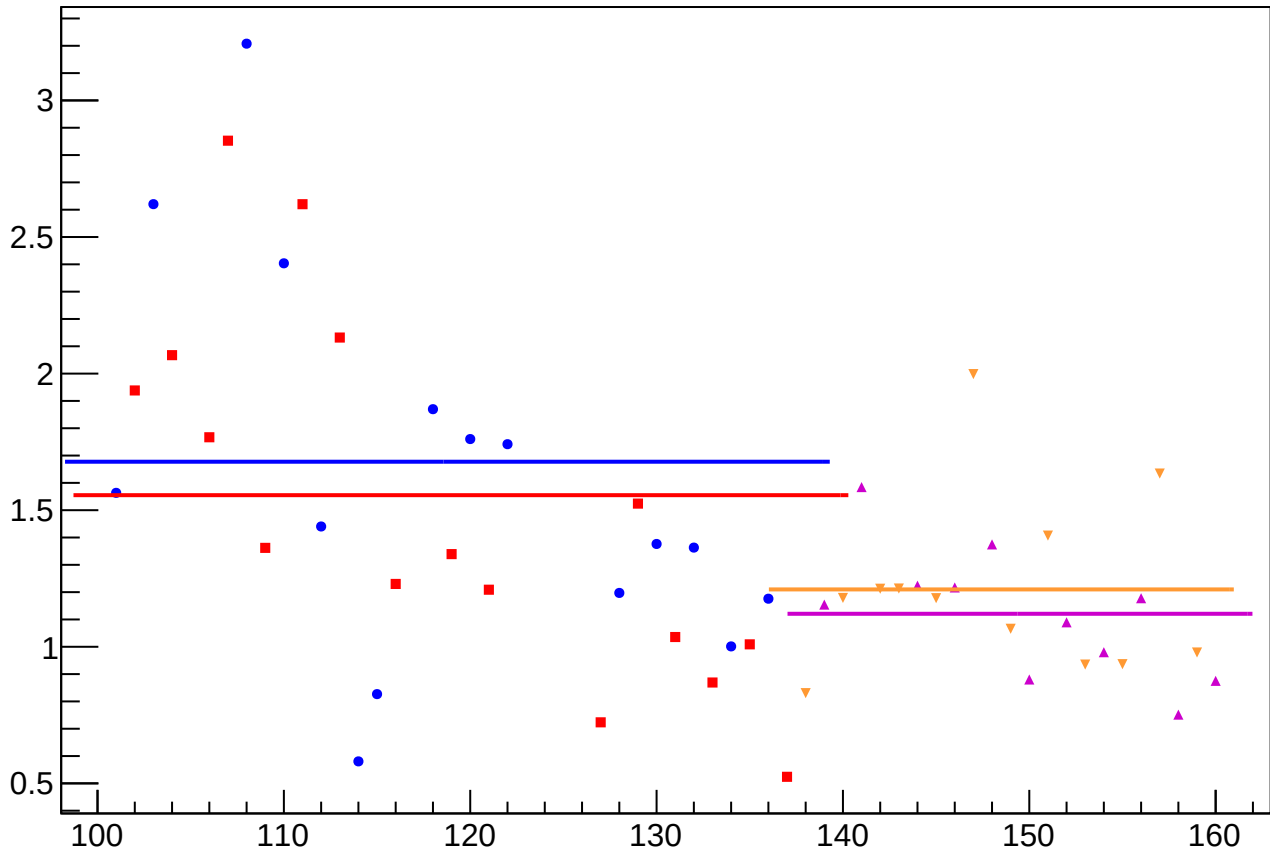
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 164.832+/-0.000 χ^2/NDF : 331248867631864480349687016910225408.0/11

Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

dit_4aY_coil4_err_mean vs Slug



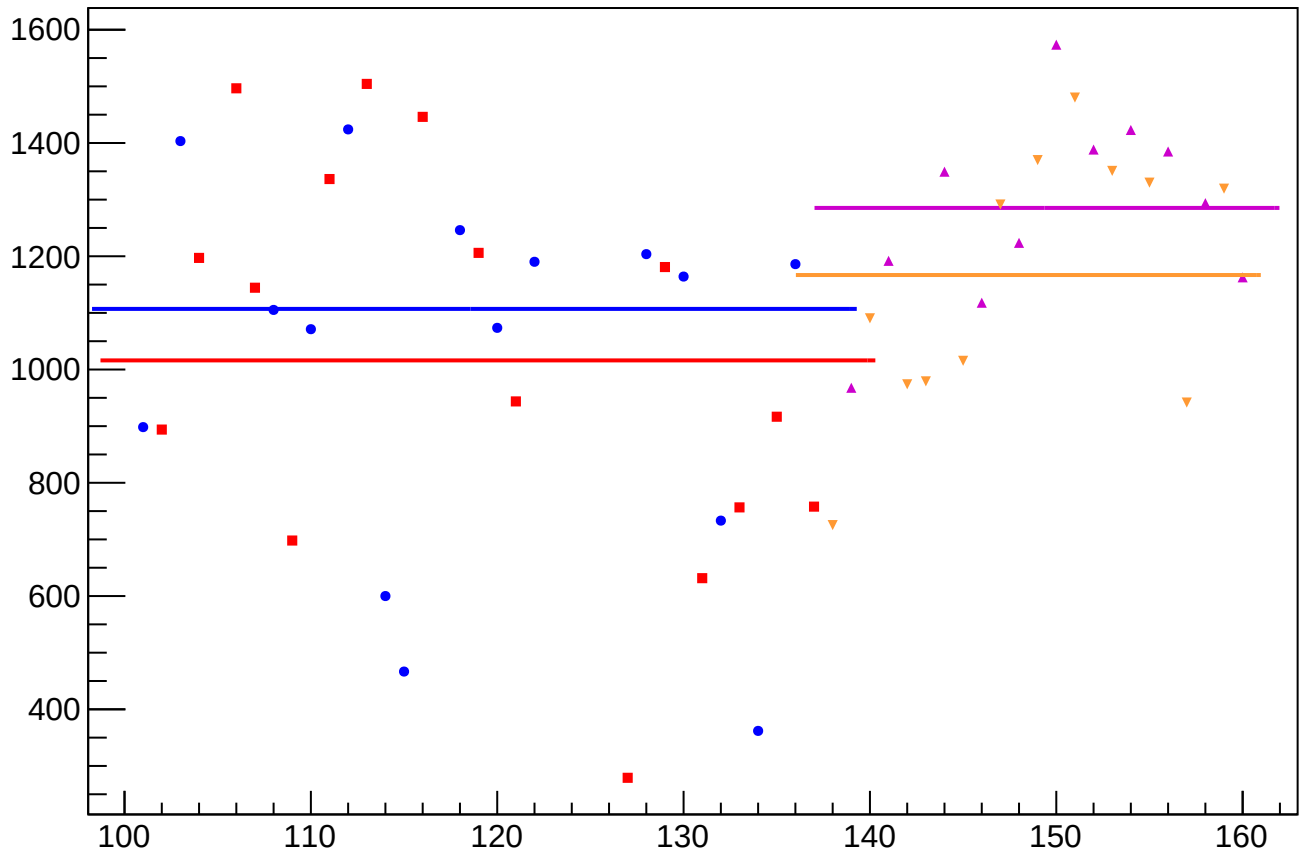
Right In: 1.677 ± 0.000 χ^2/NDF : 241879924044788593292791559225344.0/14

Left Out: 1.210 ± 0.000 χ^2/NDF : 95500502458420026672384705560576.0/11

Right Out: 1.555 ± 0.000 χ^2/NDF : 255645951433890296827677195108352.0/15

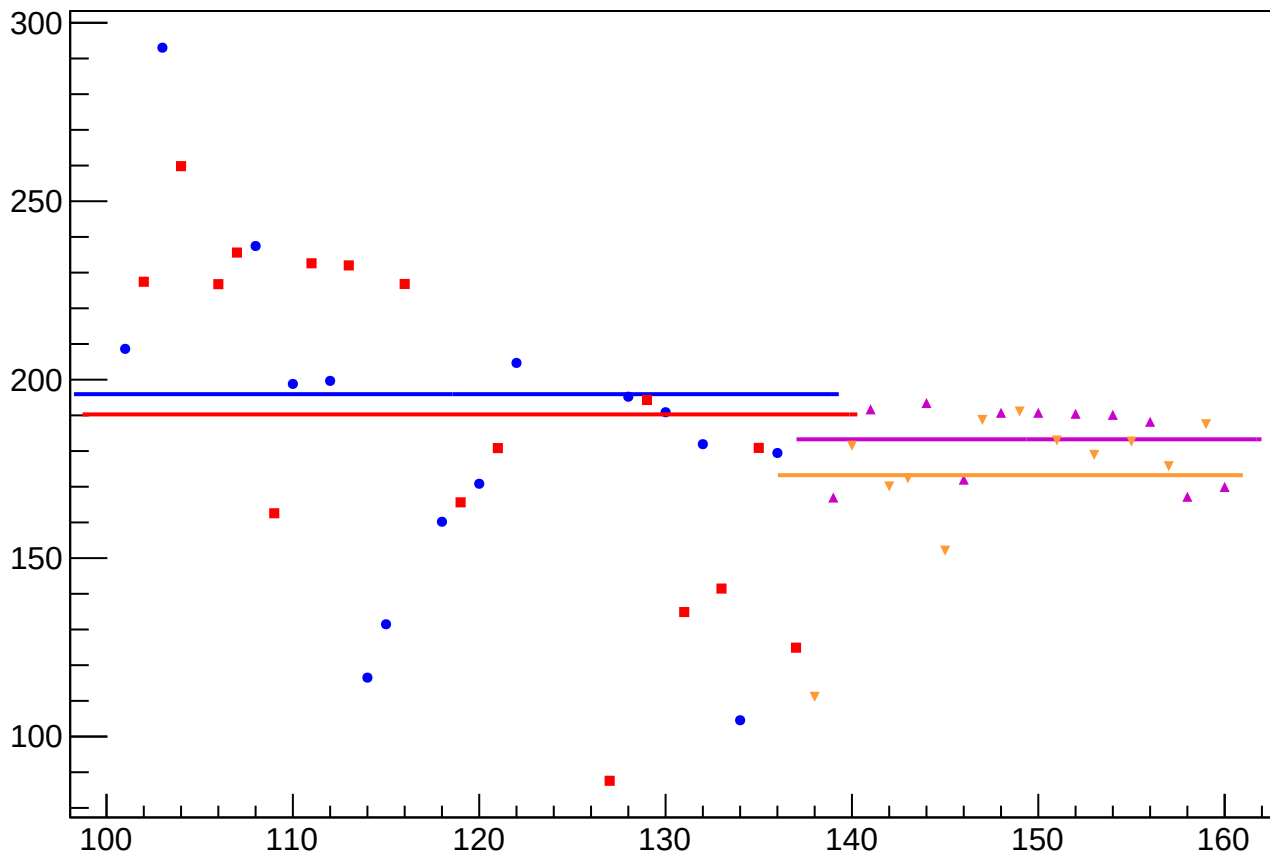
Left In: 1.121 ± 0.000 χ^2/NDF : 48374896563348957372285351624704.0/10

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 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 173.245 $\pm$ 0.000 χ^2 /NDF: 421189743022312956779621222954565632.0/11

Right Out: 190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15

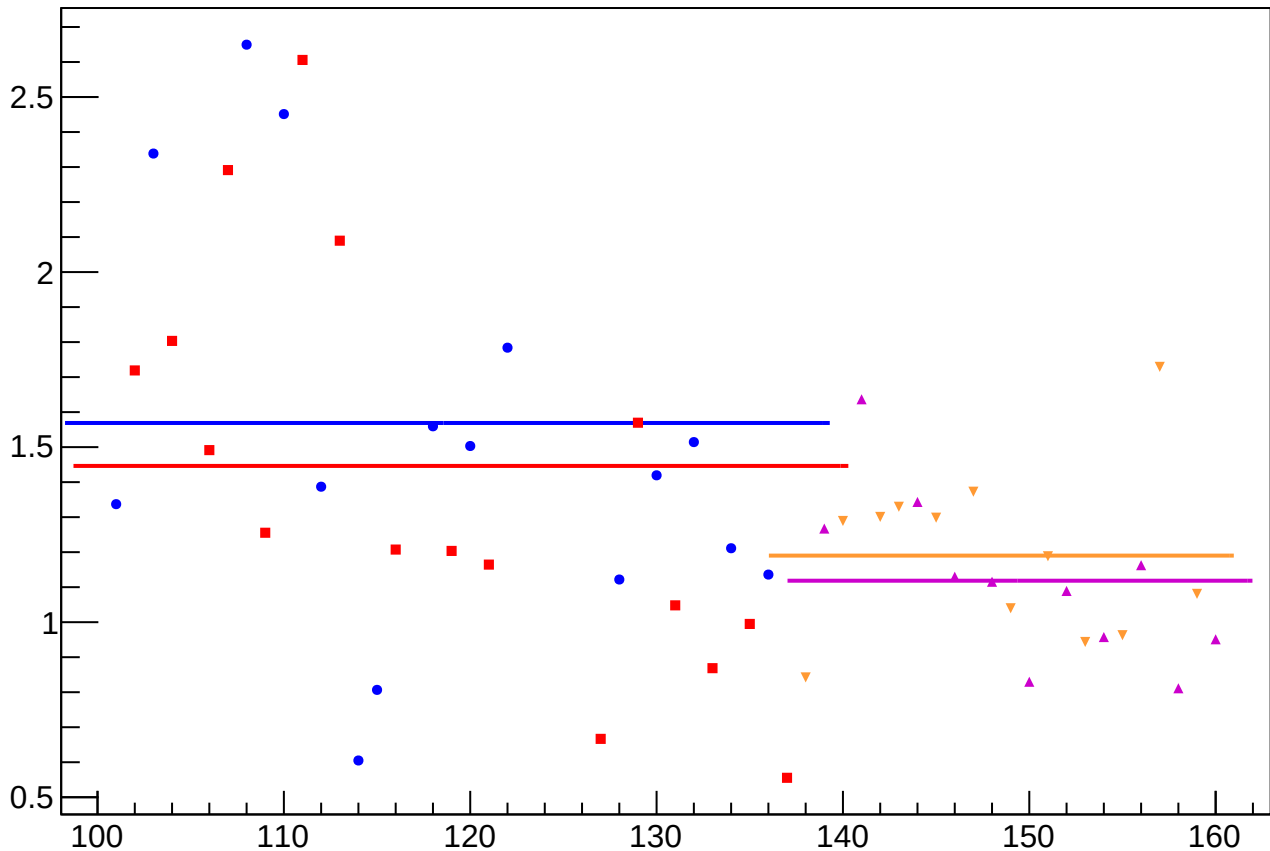
Left In: 183.290 $\pm$ 0.000 χ^2 /NDF: 101738841511111417821042611832487936.0/10

+ sign 182.669 $\pm$ 0.000 χ^2 /NDF: 167456742062075

All: 184.458 $\pm$ 0.000 χ^2 /NDF: 32735567790

- sign 186.216 $\pm$ 0.000 χ^2 /NDF: 158906987548328

dit_4eY_coil4_err_mean vs Slug



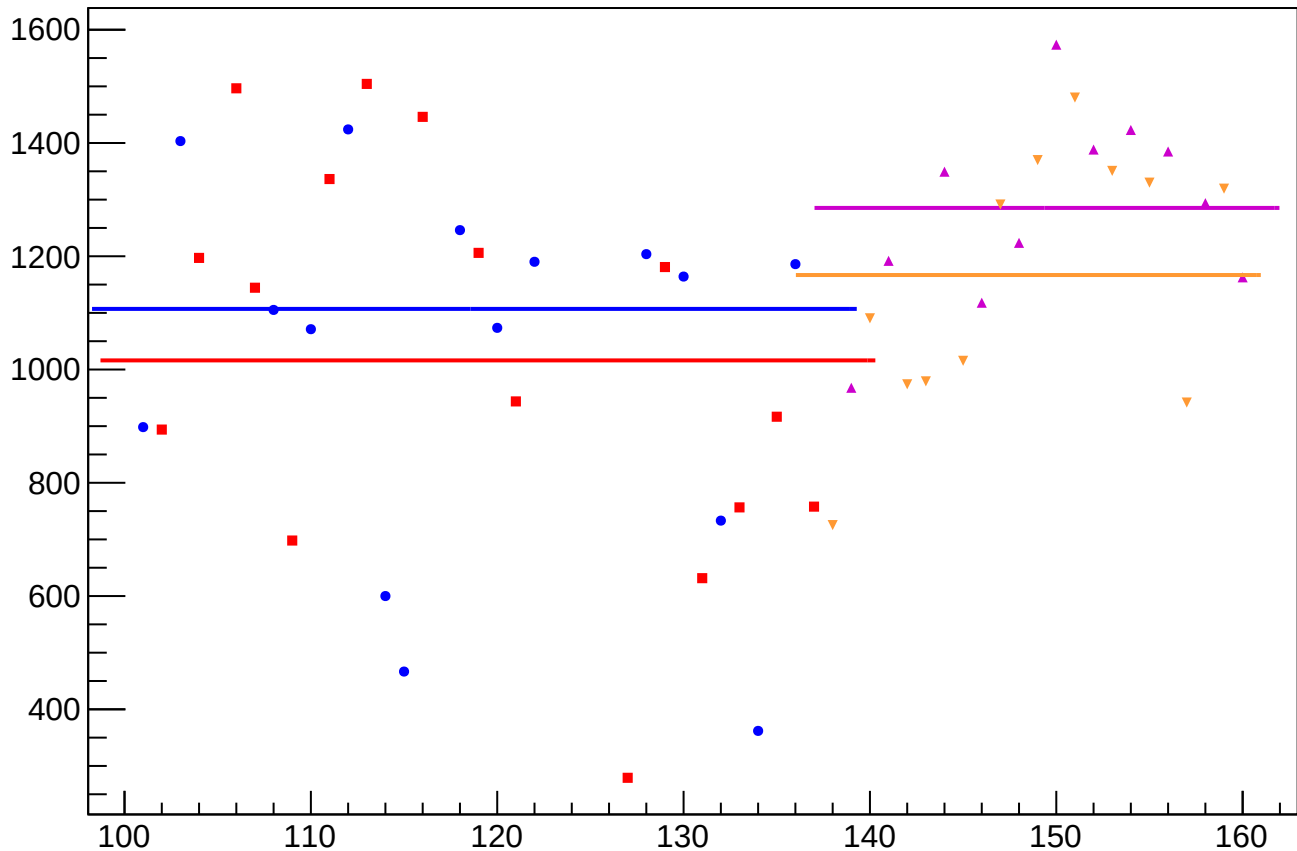
Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.190 $\pm$ 0.000 χ^2 /NDF: 50745822936032217336144814145536.0/11

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

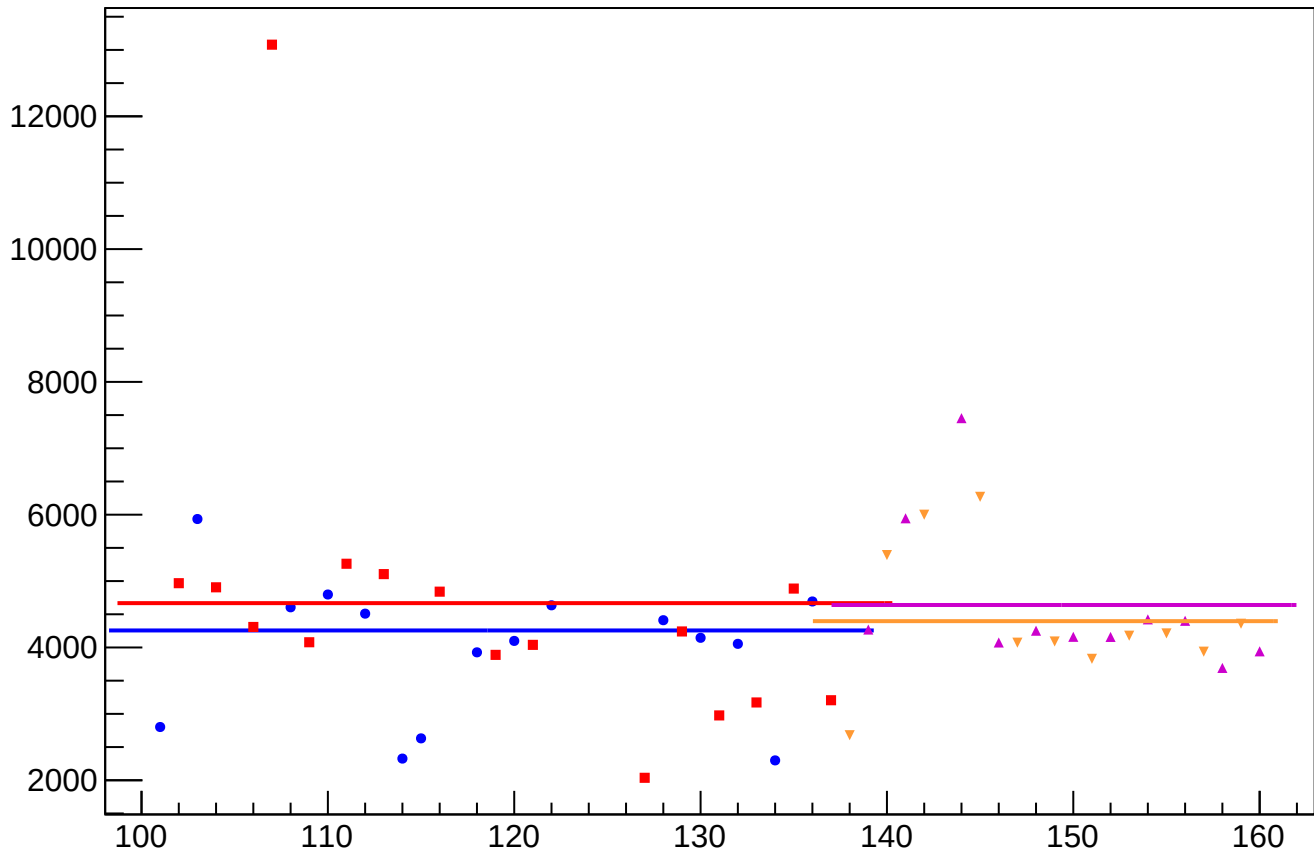
Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

dit_4eY_coil4_Ndata_mean vs Slug



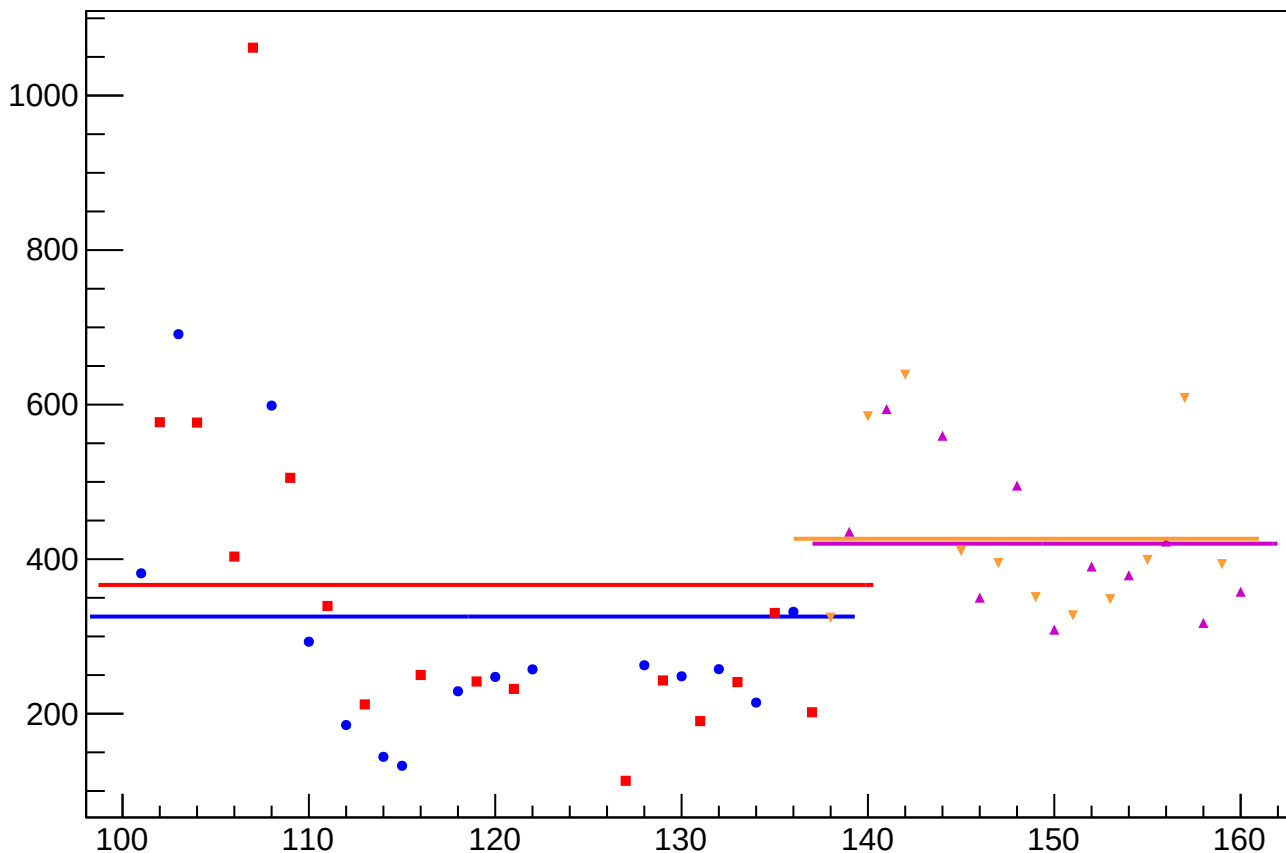
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

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

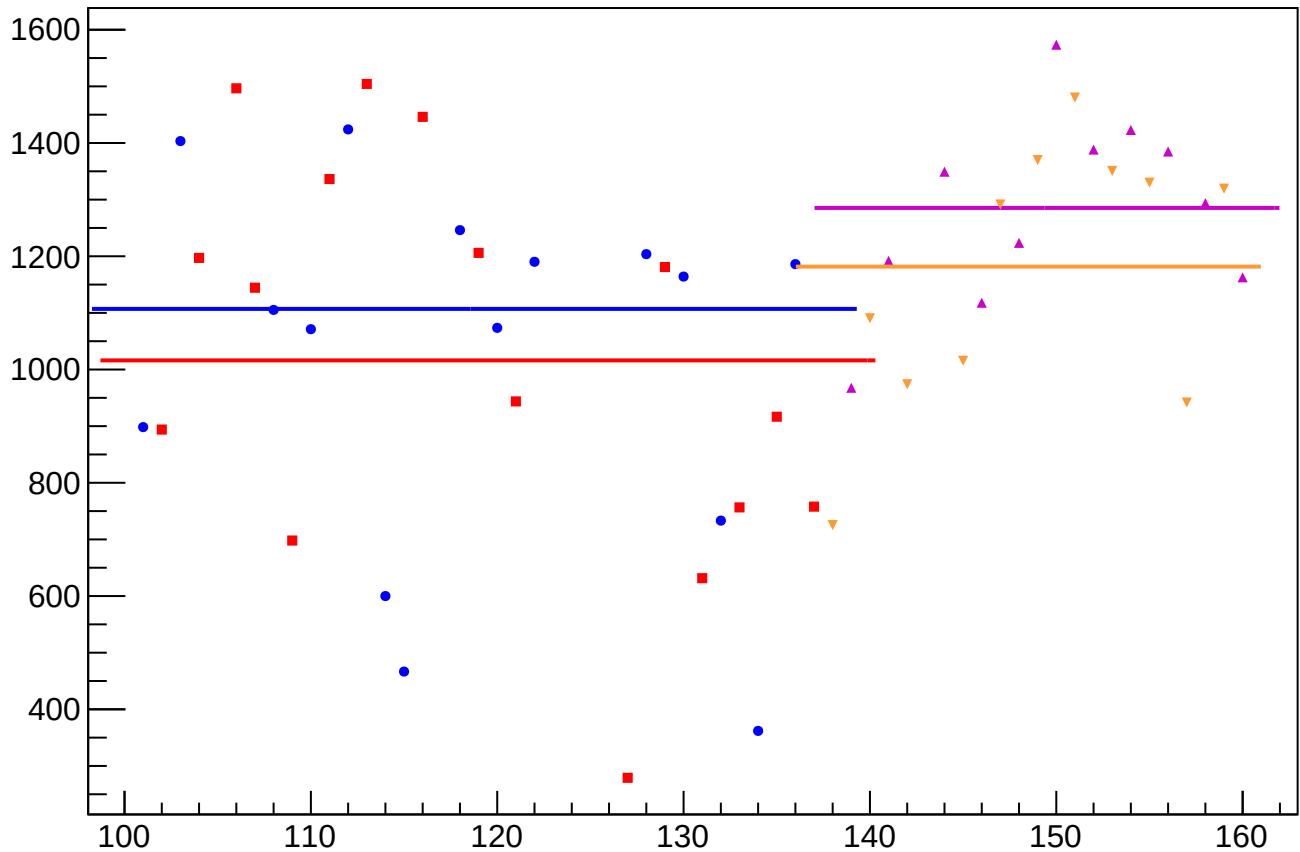
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

+ sign 382.754+/-0.000 χ^2/NDF : 279252260301187

All: 390.448+/-0.000 χ^2/NDF : 690046326749

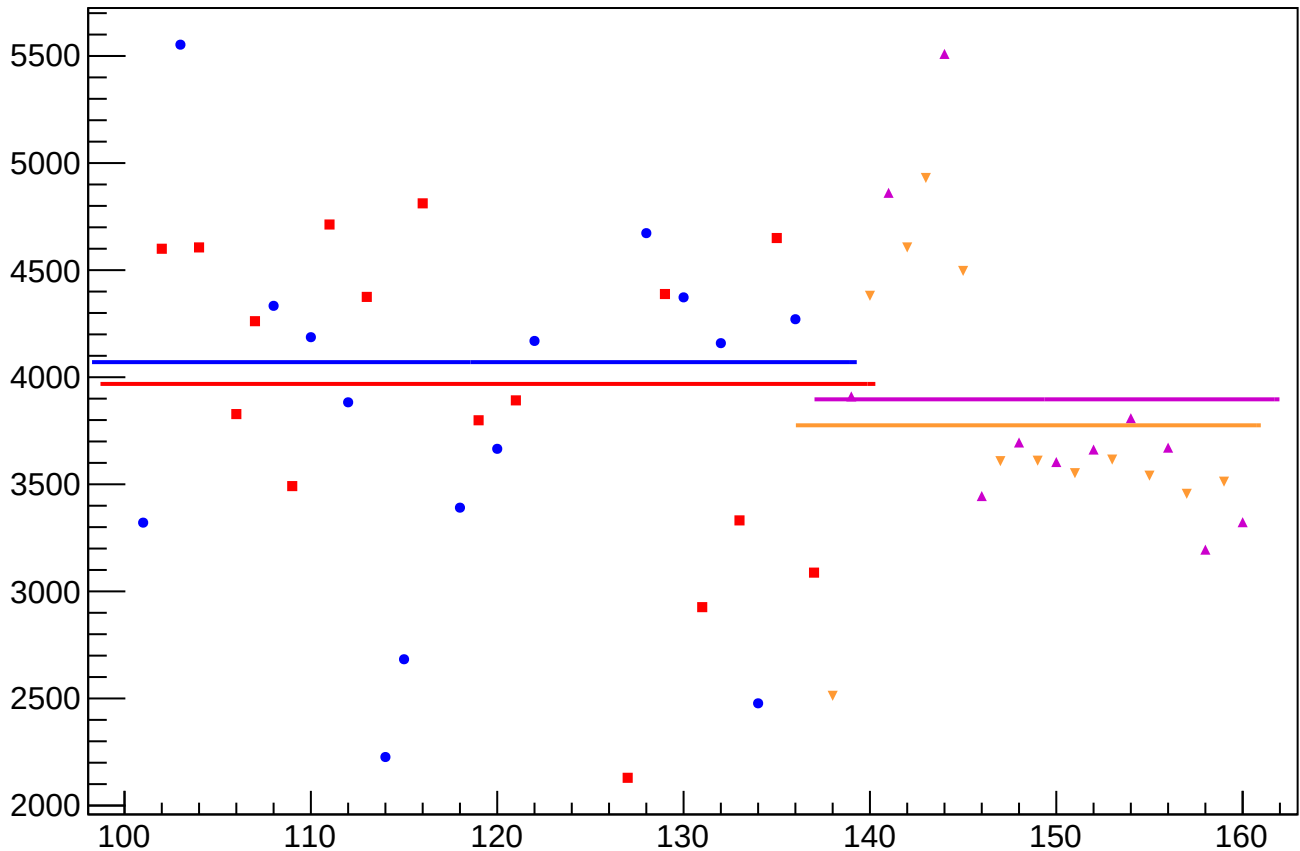
- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

dit_usl_coil4_Ndata_mean vs Slug



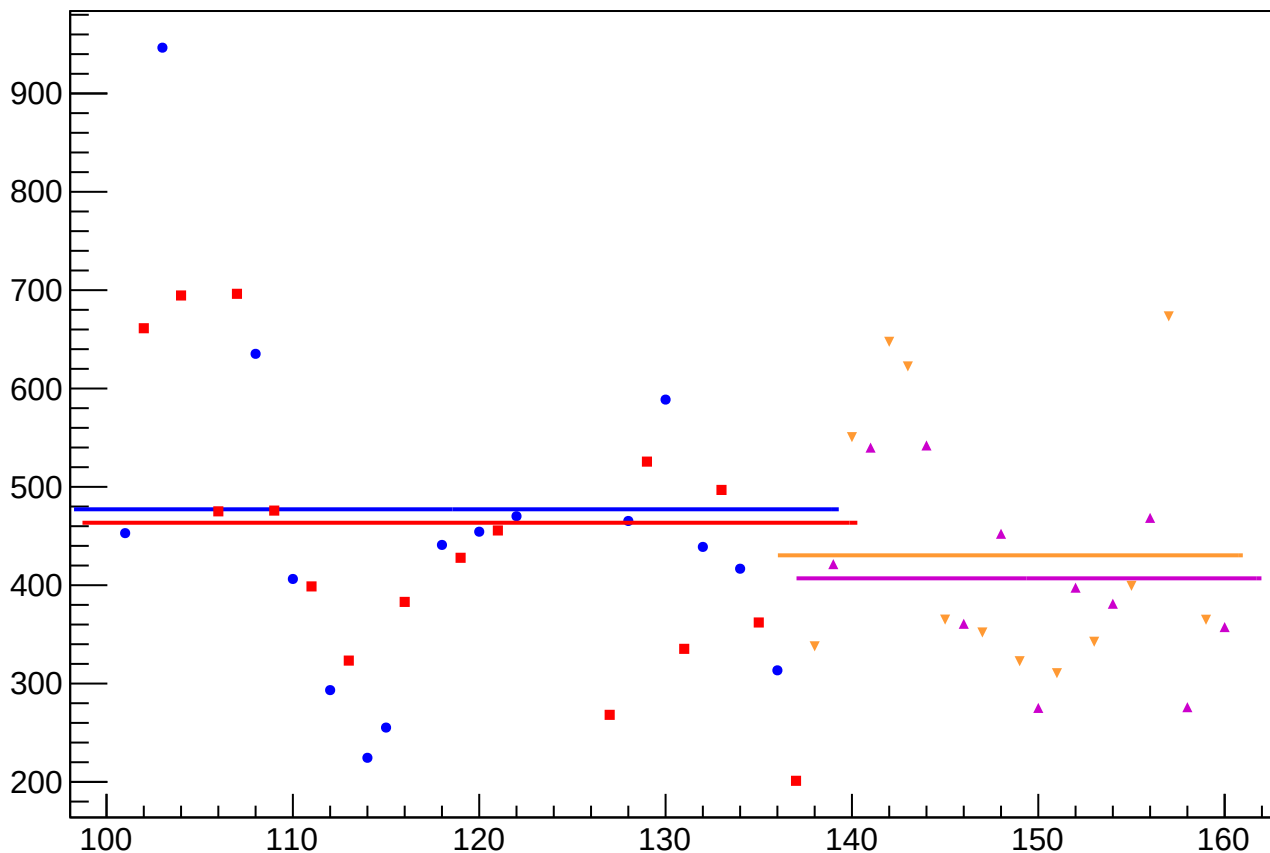
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721 +/- 0.000 χ^2/NDF : 42102883856321275256821029062509068288.0/10
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1161.261 +/- 0.000 χ^2/NDF : 20985320309
 + sign: 1149.328 +/- 0.000 χ^2/NDF : 84785409031720
 - sign: 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 3775.469+/-0.000 χ^2/NDF : 344611737456116155441573311529372090368.0/11
 Right Out: 3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15
 Left In: 3896.757+/-0.000 χ^2/NDF : 412530714584693730225130204014353317888.0/10

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 430.385+/-0.000 χ^2/NDF : 15124863187063515916775500602167787520.0/11

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

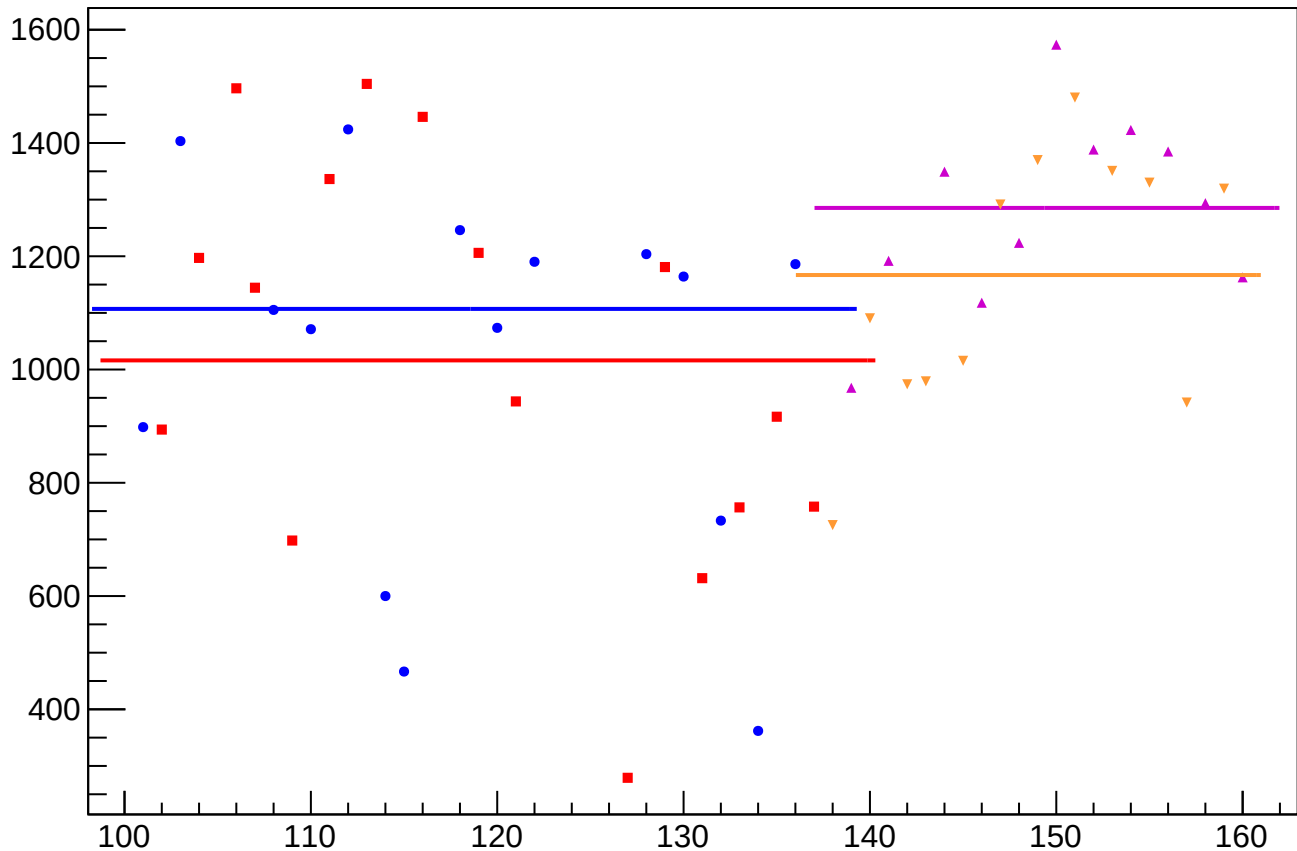
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF : 364118639358953

All: 440.167+/-0.000 χ^2/NDF : 575090441202

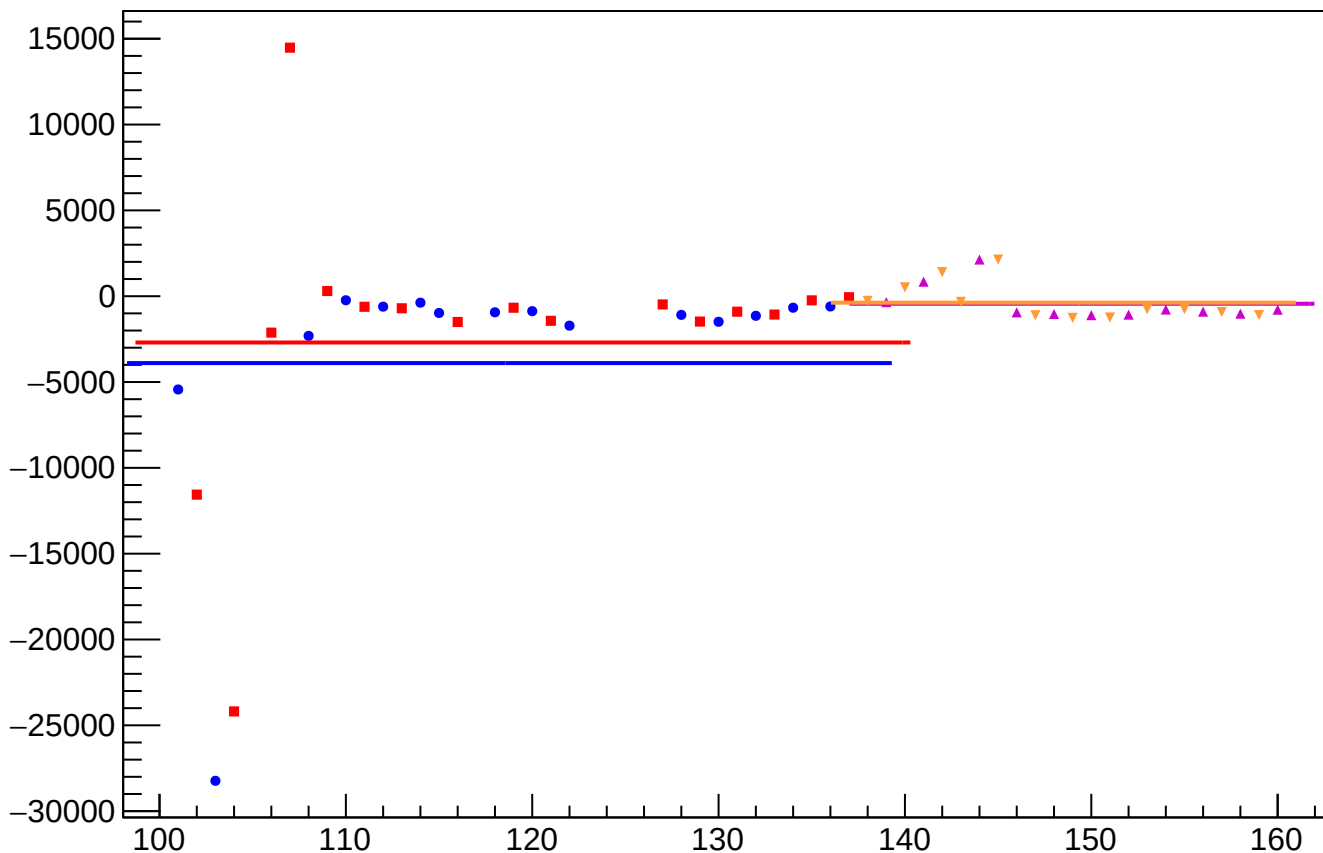
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



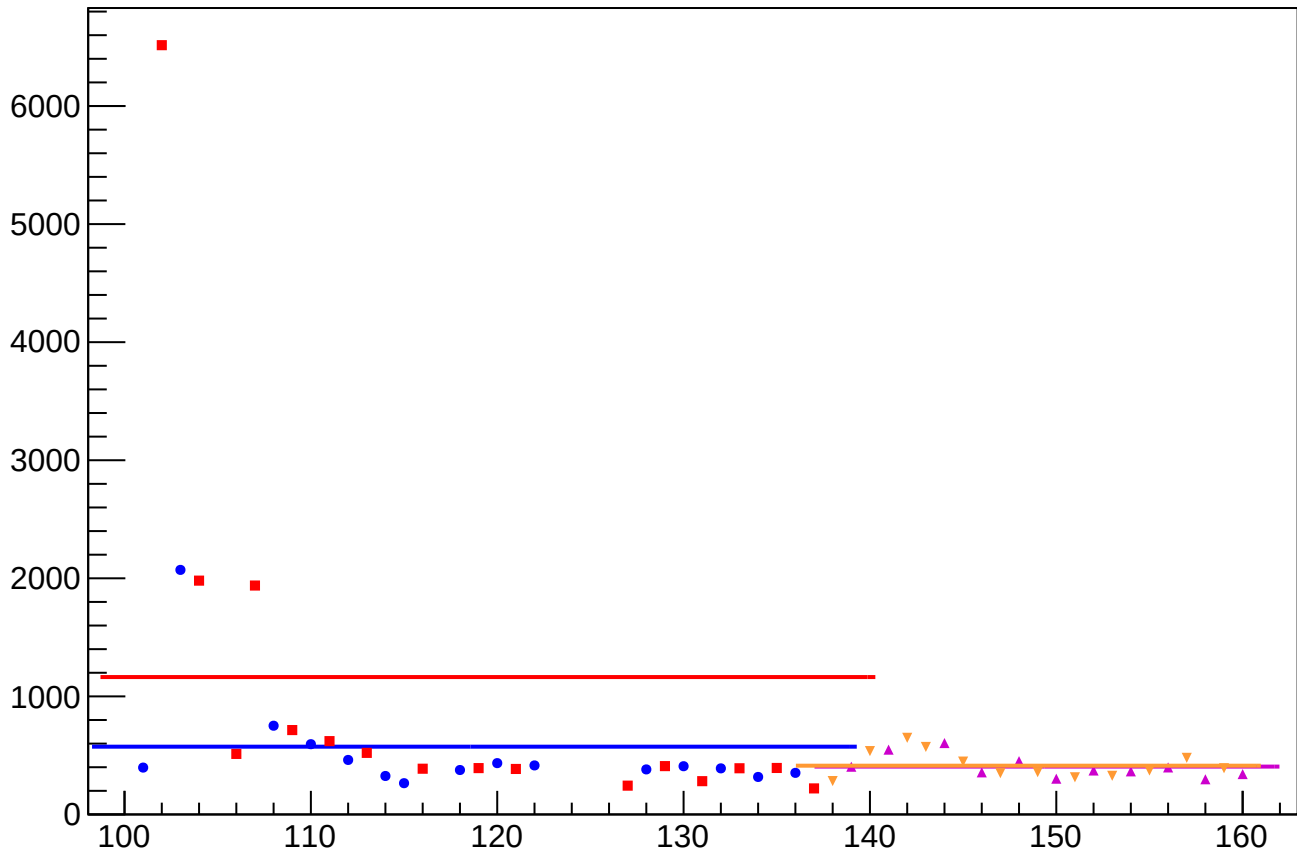
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_atl1_coil4_mean vs Slug



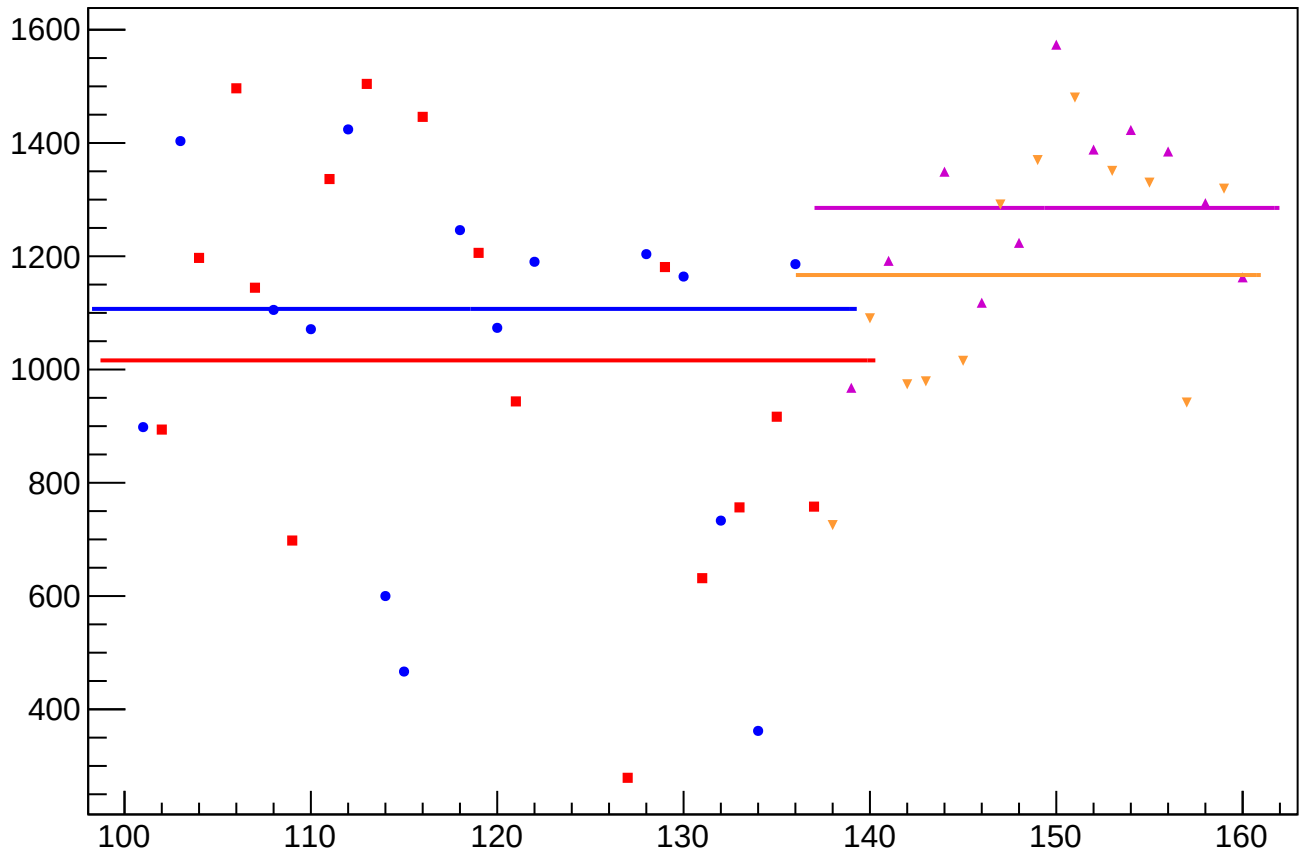
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430+/-0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10
 + sign -1837.483+/-0.000 χ^2/NDF : 4528252222957
 All: -1609.422+/-0.000 χ^2/NDF : 8915994509
 - sign -1385.374+/-0.000 χ^2/NDF : 43716264222774

dit_atl1_coil4_err_mean vs Slug



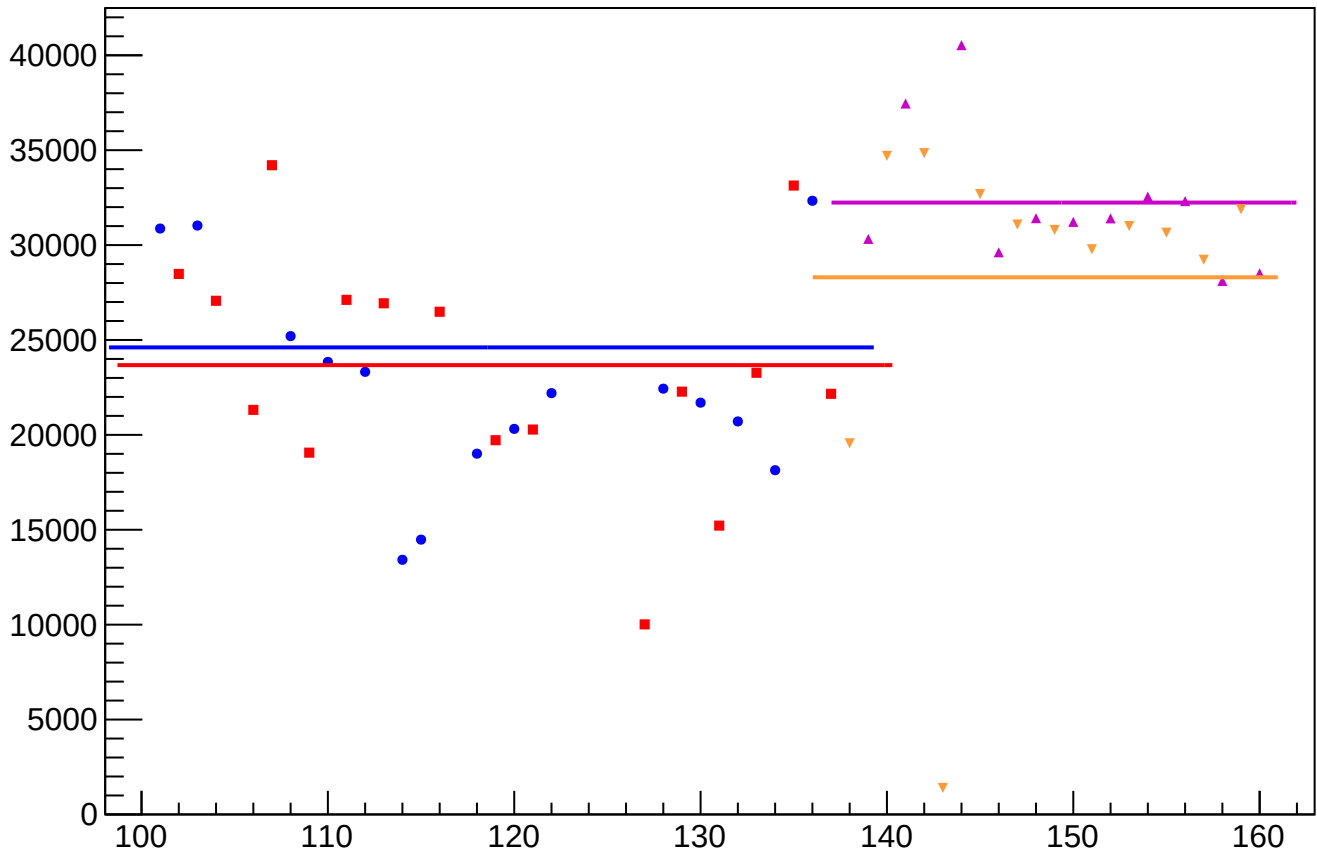
Right In: 574.055 ± 0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017 ± 0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697 ± 0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371 ± 0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

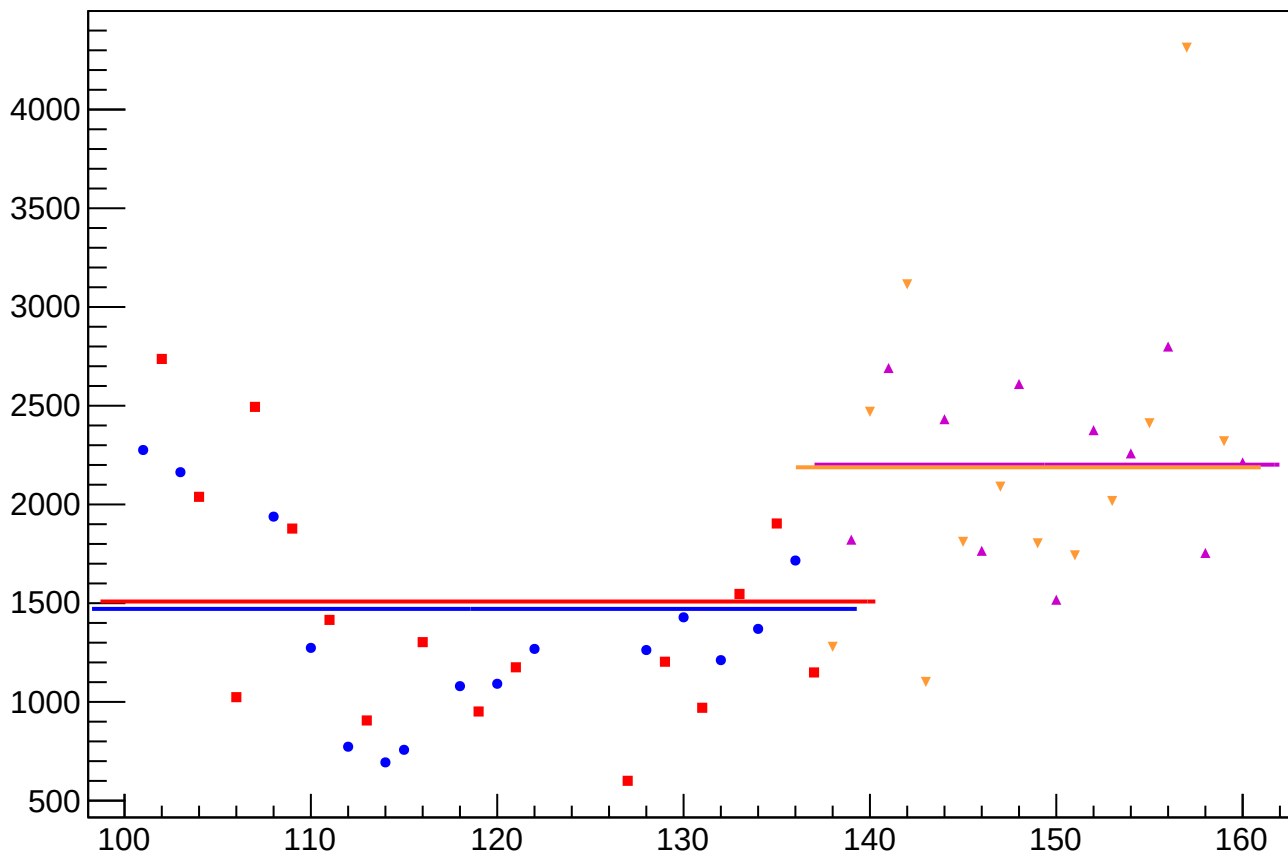
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28302.359+/-0.000	χ^2/NDF : 64743960576526073147852789326823934656512.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26768.677+/-0.000 χ^2/NDF : 8747719496851
 All: 27716.891+/-0.000 χ^2/NDF : 1554384105
 - sign 28648.418+/-0.000 χ^2/NDF : 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF : 593858516090535186702207521640824176640.0/11

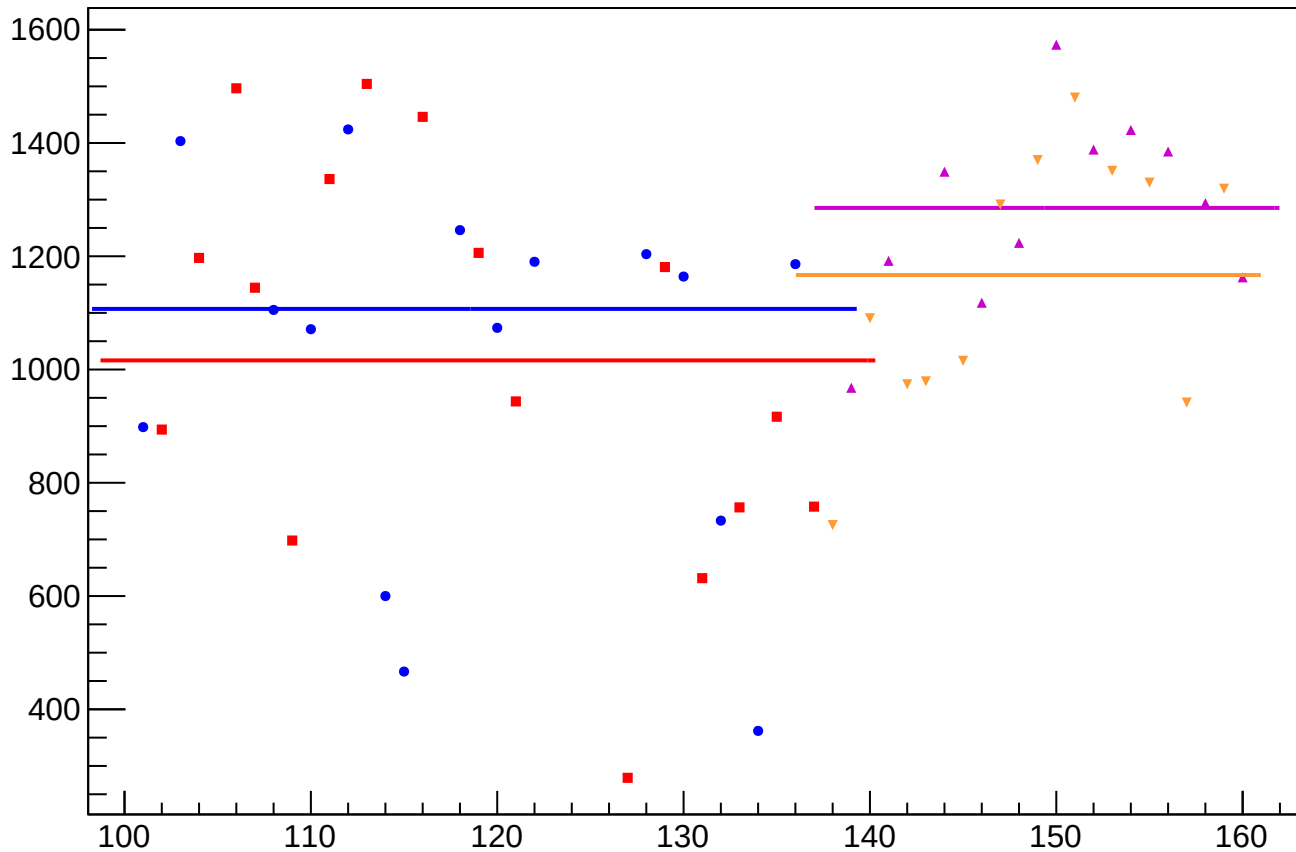
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

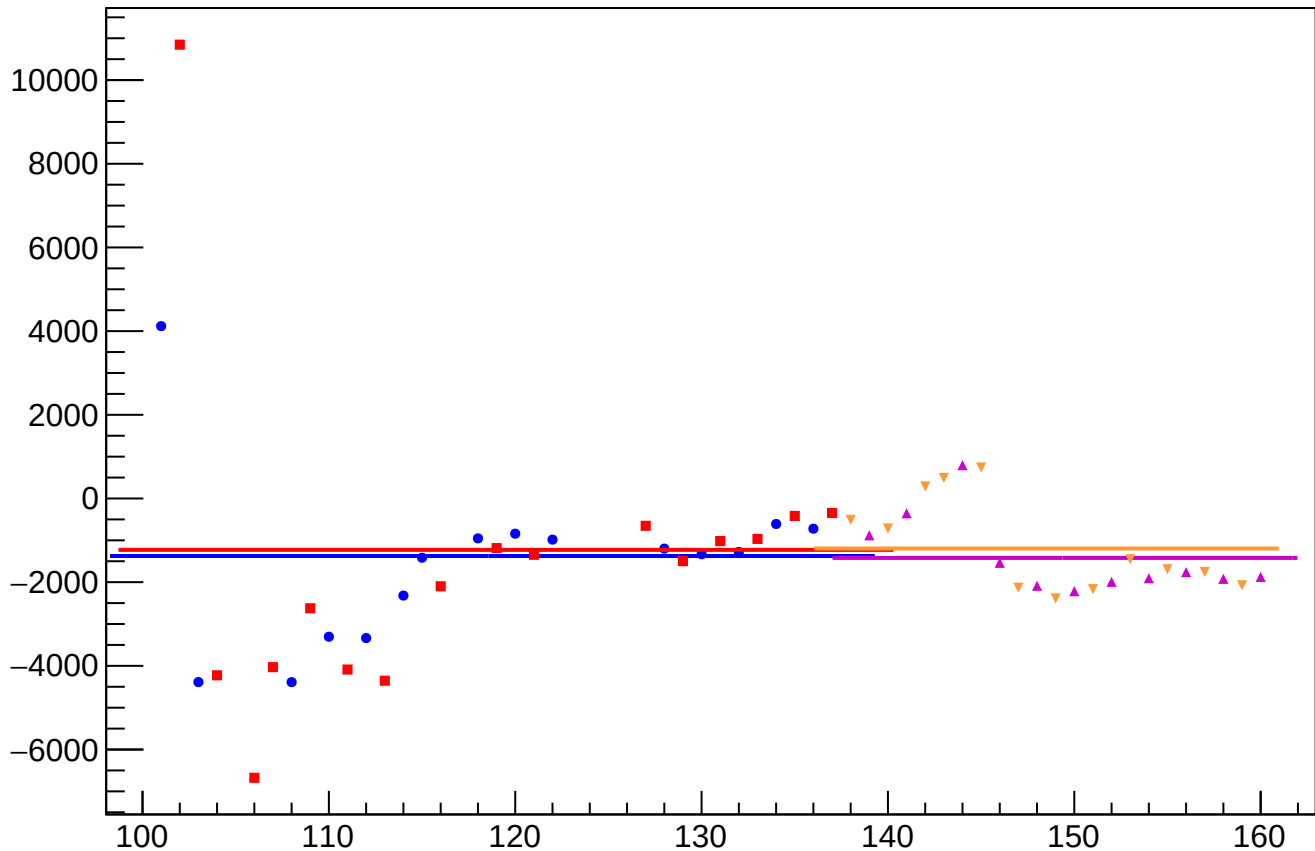
Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

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

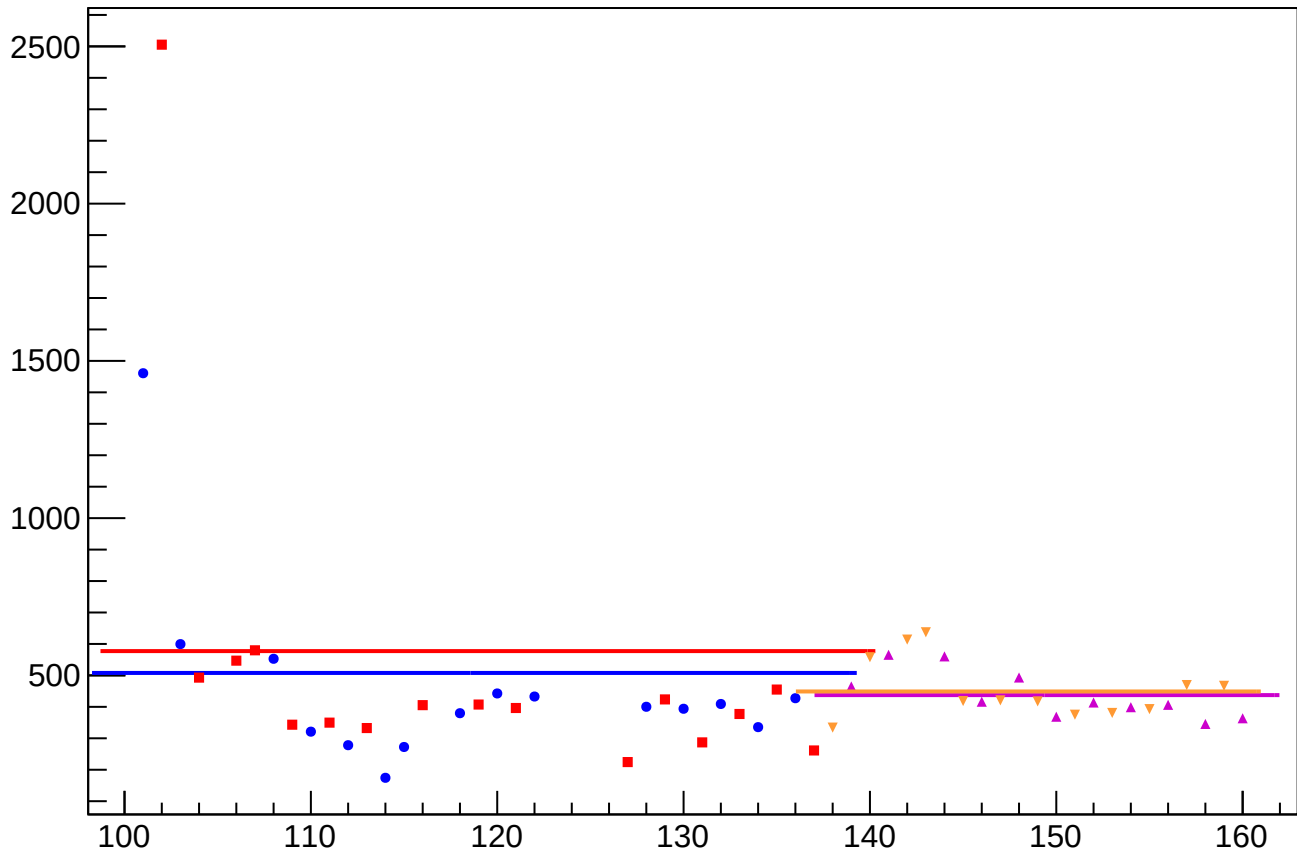
dit_atr1_coil4_mean vs Slug



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

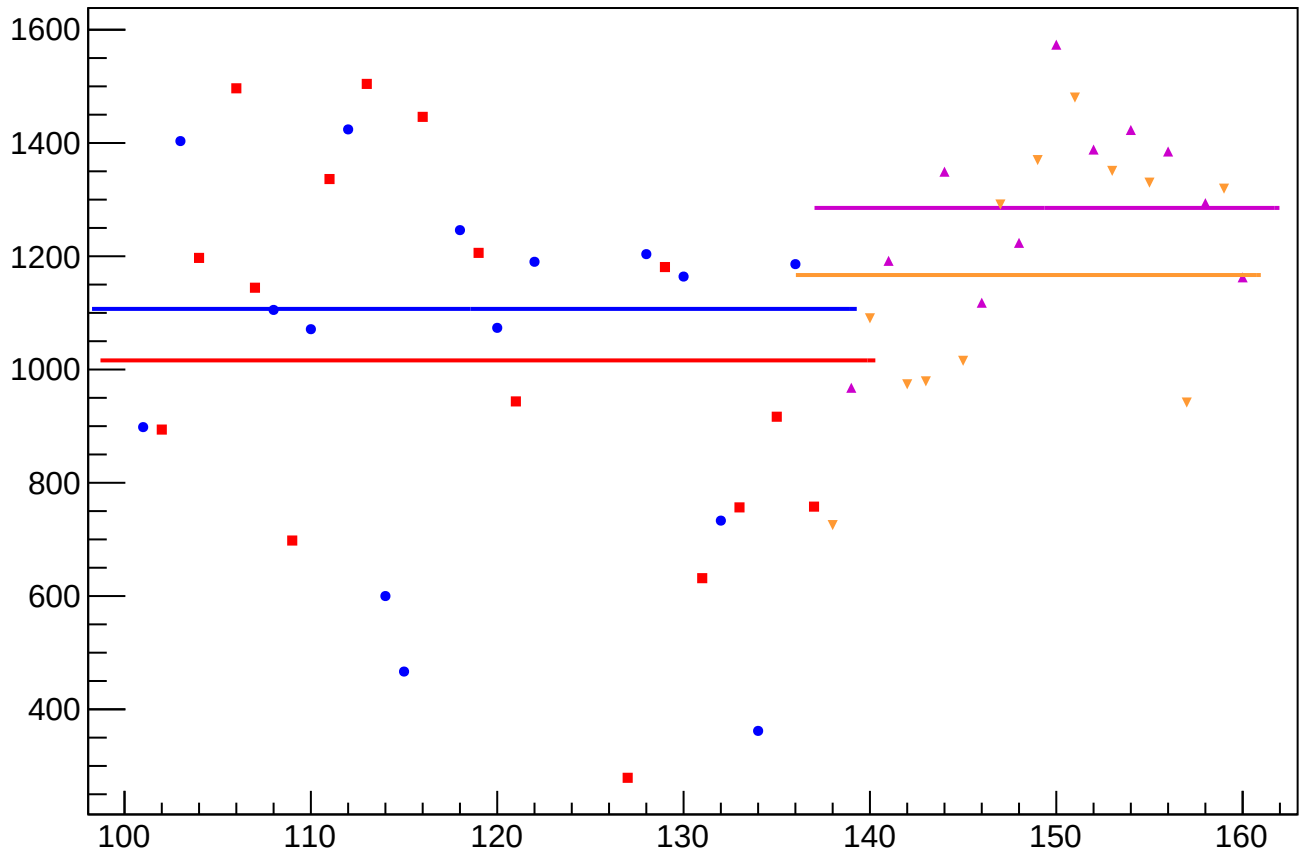
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

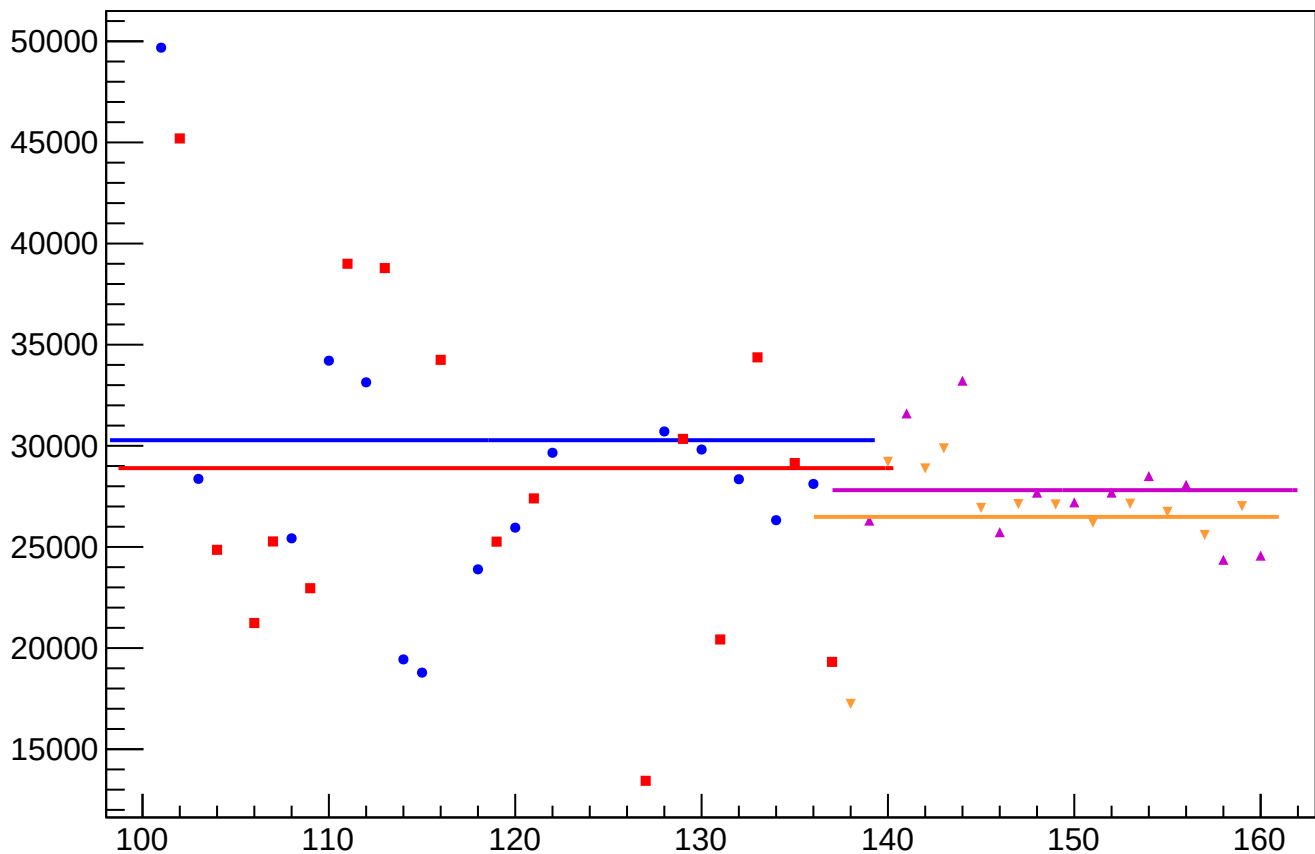
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

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

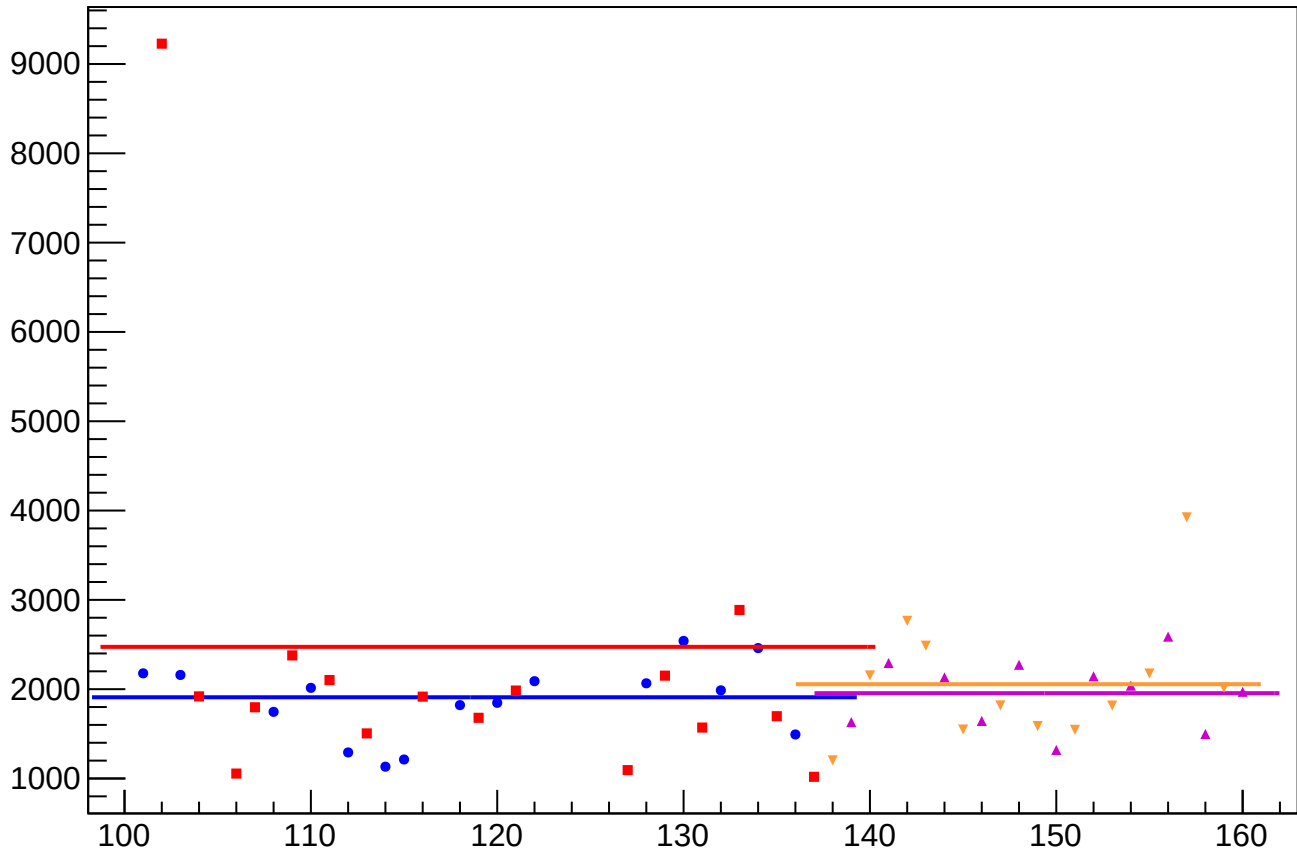
dit_atr2_coil4_mean vs Slug



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

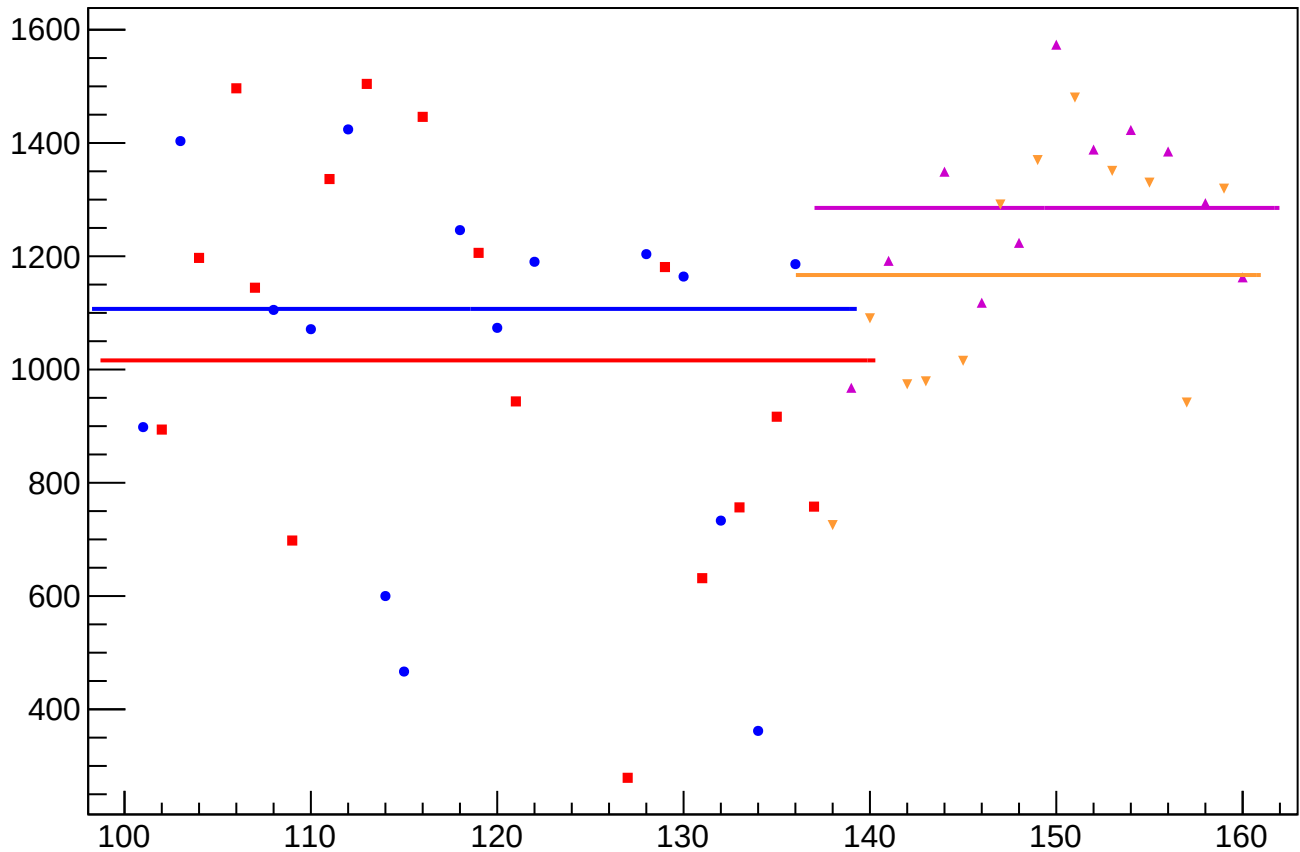
dit_atr2_coil4_err_mean vs Slug



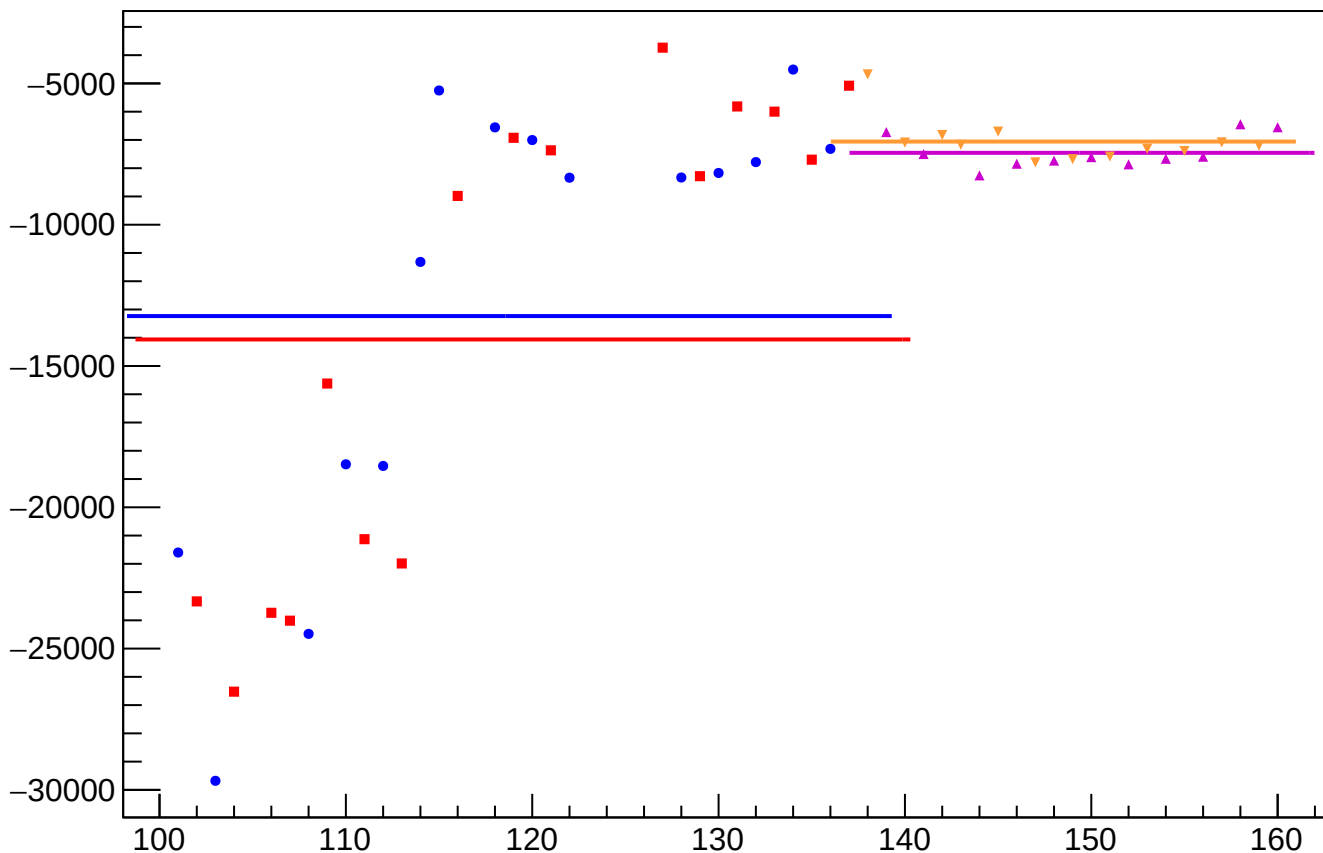
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2055.788+/-0.000	χ^2/NDF : 438010168588723075505721290768963862528.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

+ 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

+ sign -9621.893+/-0.000 χ^2/NDF : 5629932940229

Left Out: -7057.509+/-0.000 χ^2/NDF : 567022768290026836186795118569021505536.0/11

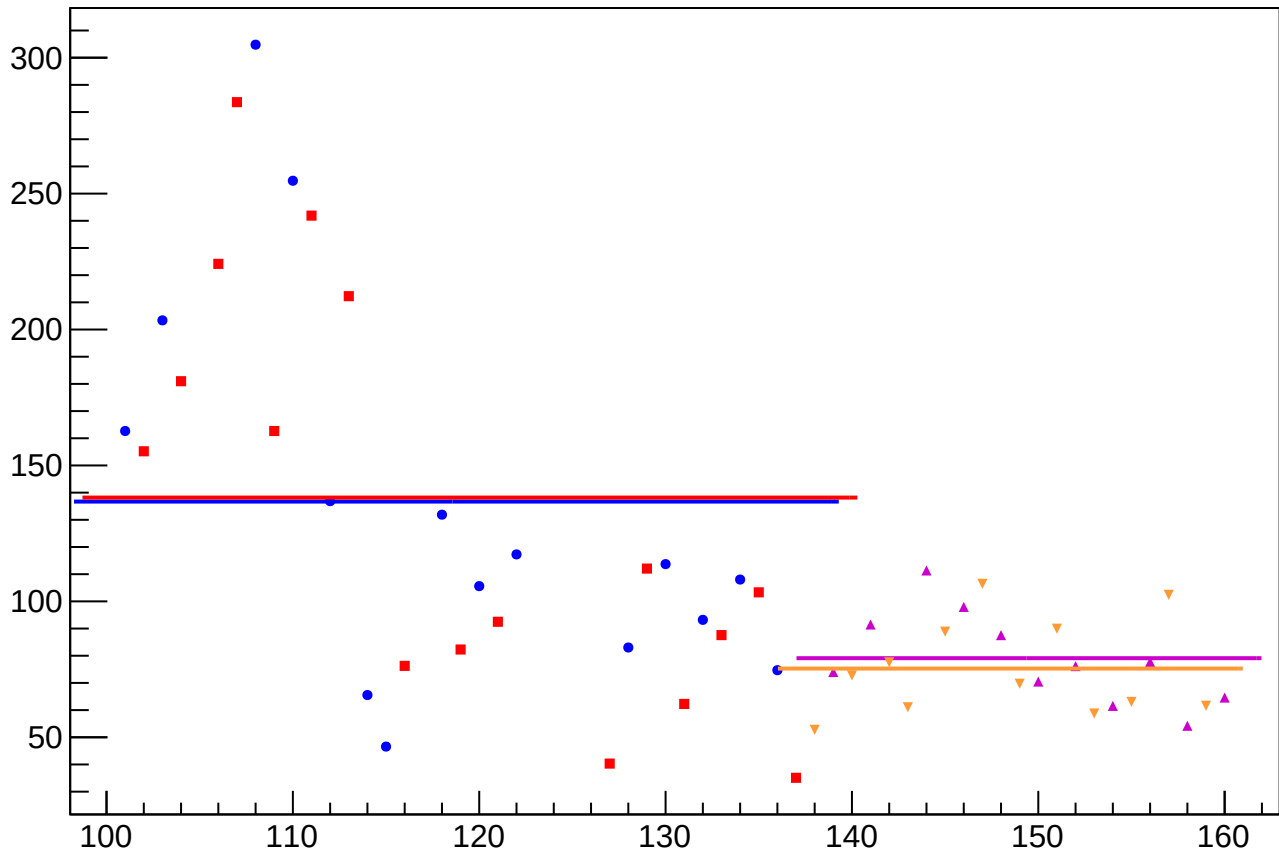
All: -9925.988+/-0.000 χ^2/NDF : 1182552632

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

- sign -10224.731+/-0.000 χ^2/NDF : 616694042079

Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14

Left Out: 75.280 $\pm$ 0.000 χ^2 /NDF: 271565230291715258223184233837363200.0/11

Right Out: 138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15

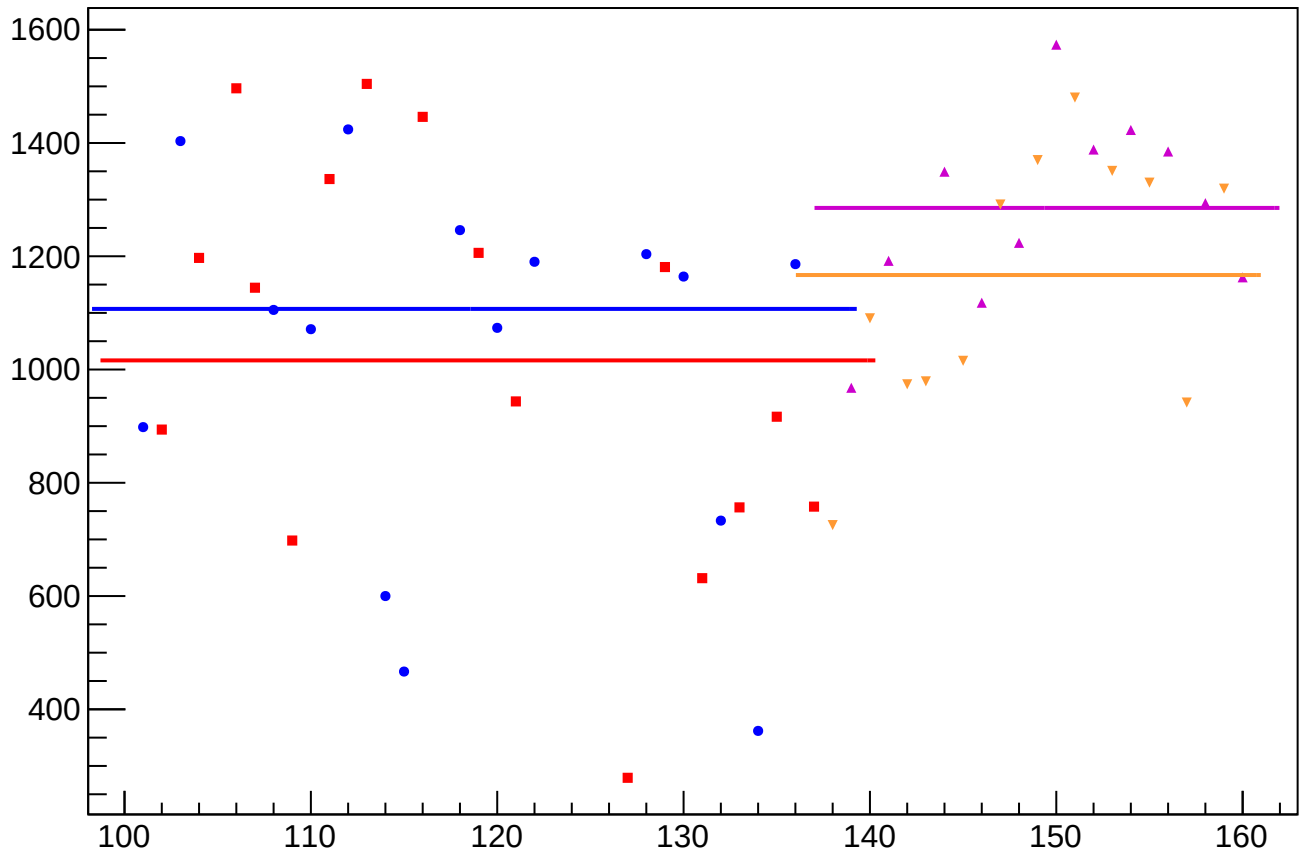
Left In: 79.096 $\pm$ 0.000 χ^2 /NDF: 243975342218114768326270780809674752.0/10

+ sign 100.788 $\pm$ 0.000 χ^2 /NDF: 439084065337808

All: 102.340 $\pm$ 0.000 χ^2 /NDF: 92254045368

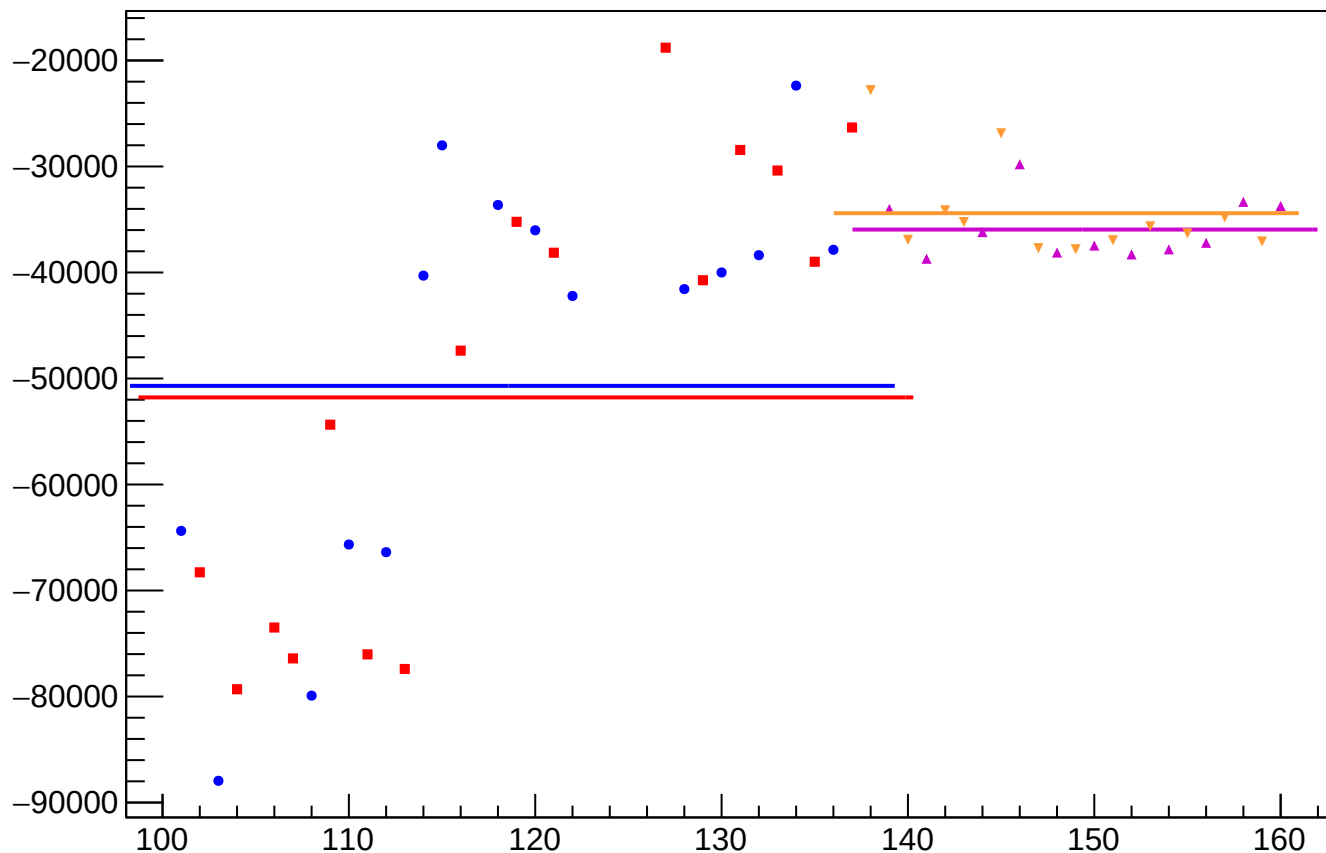
- sign 103.866 $\pm$ 0.000 χ^2 /NDF: 482709269231347

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

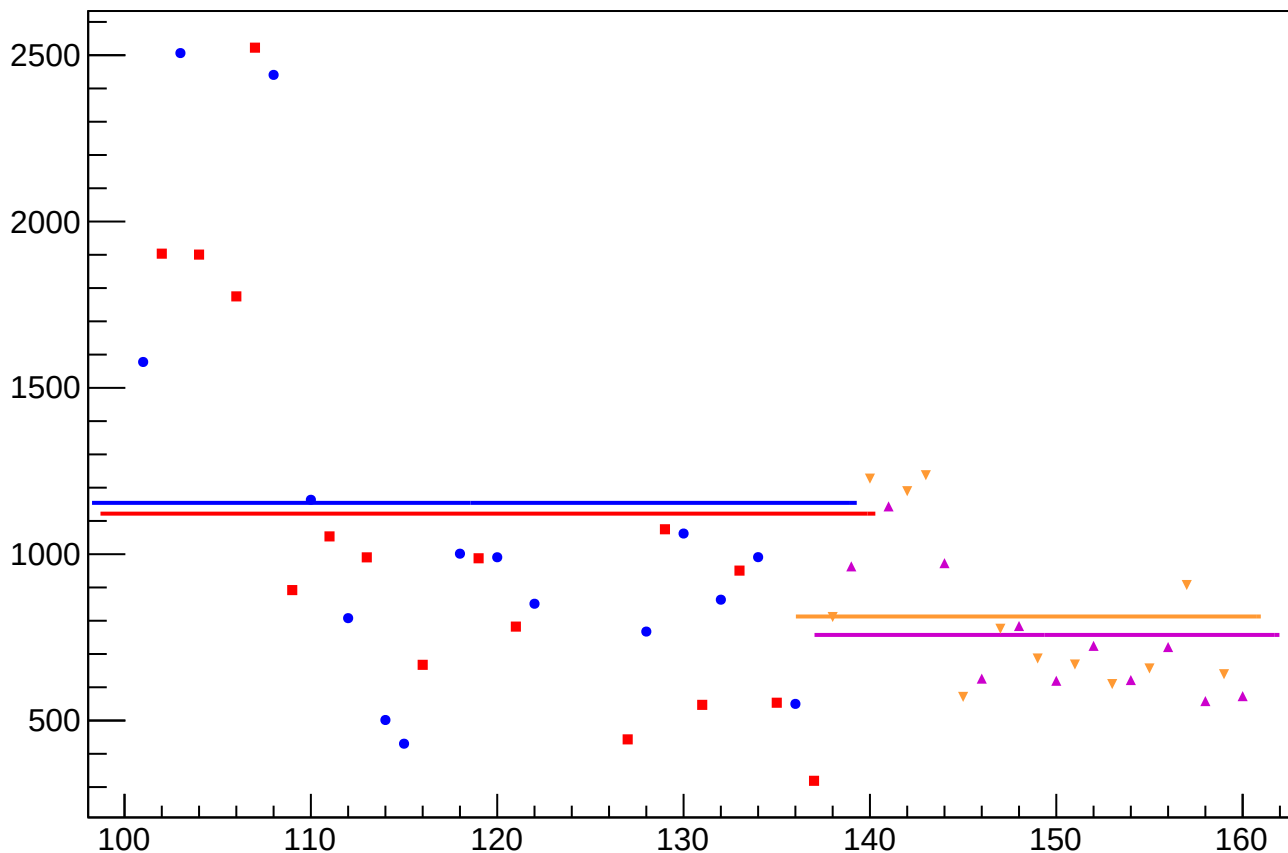
χ^2/NDF : 18820007226442898256054839449855820038144.0/11

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

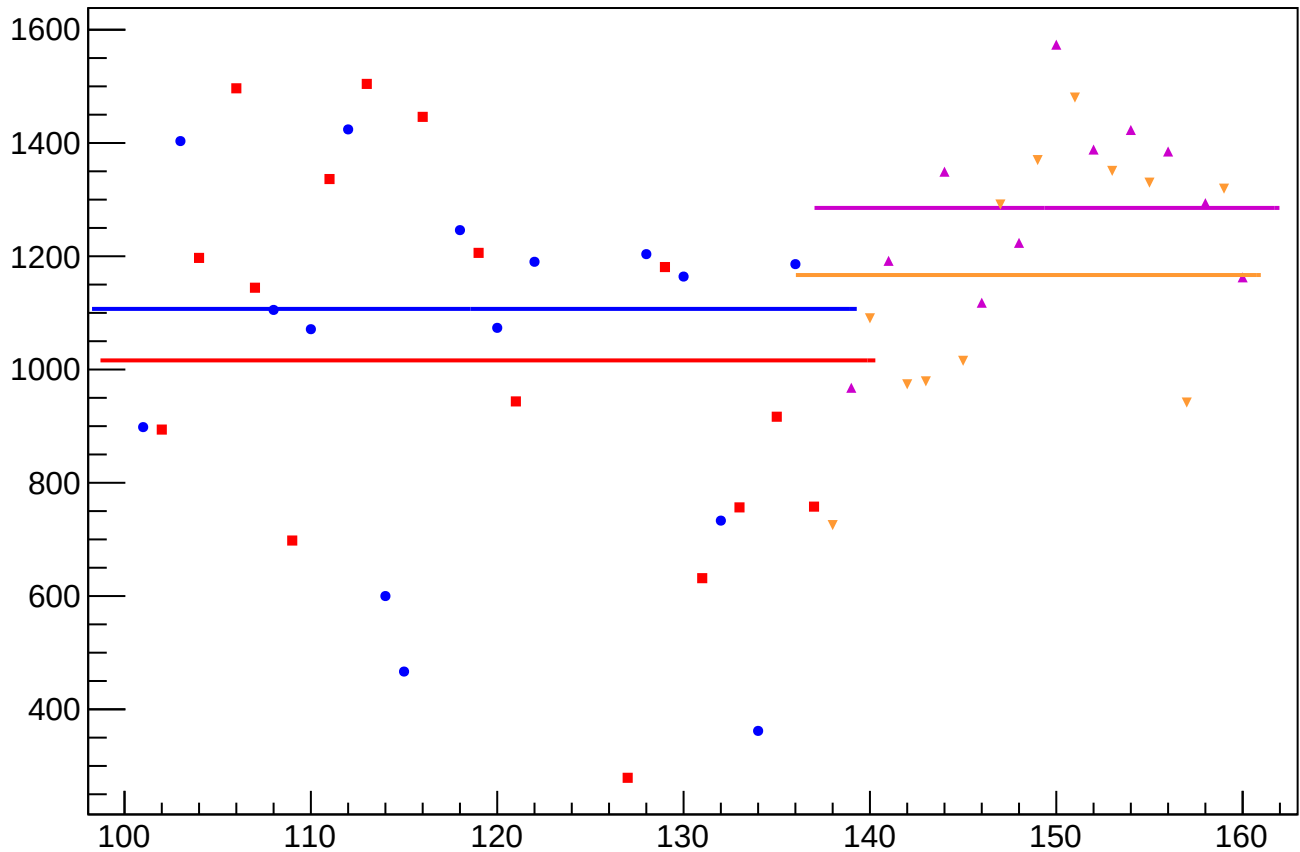
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

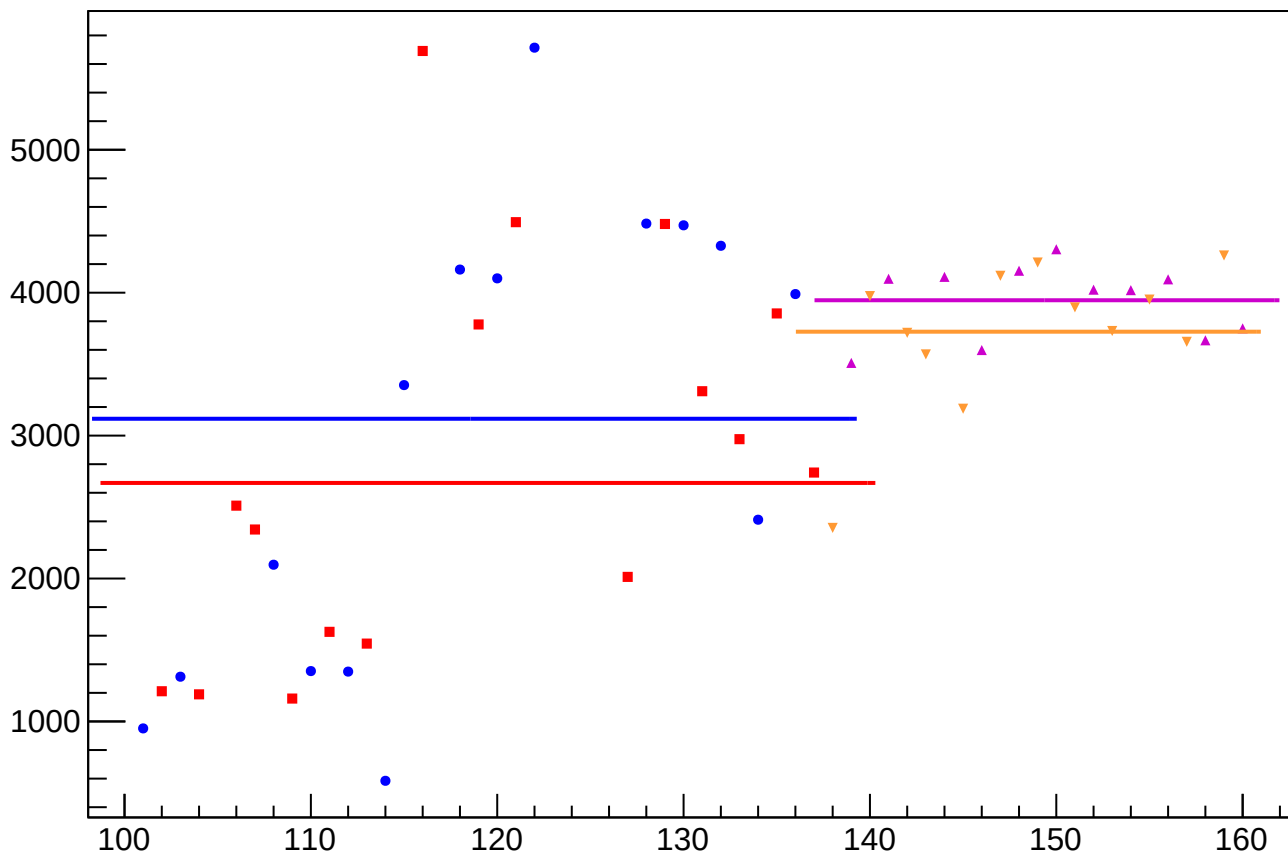
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



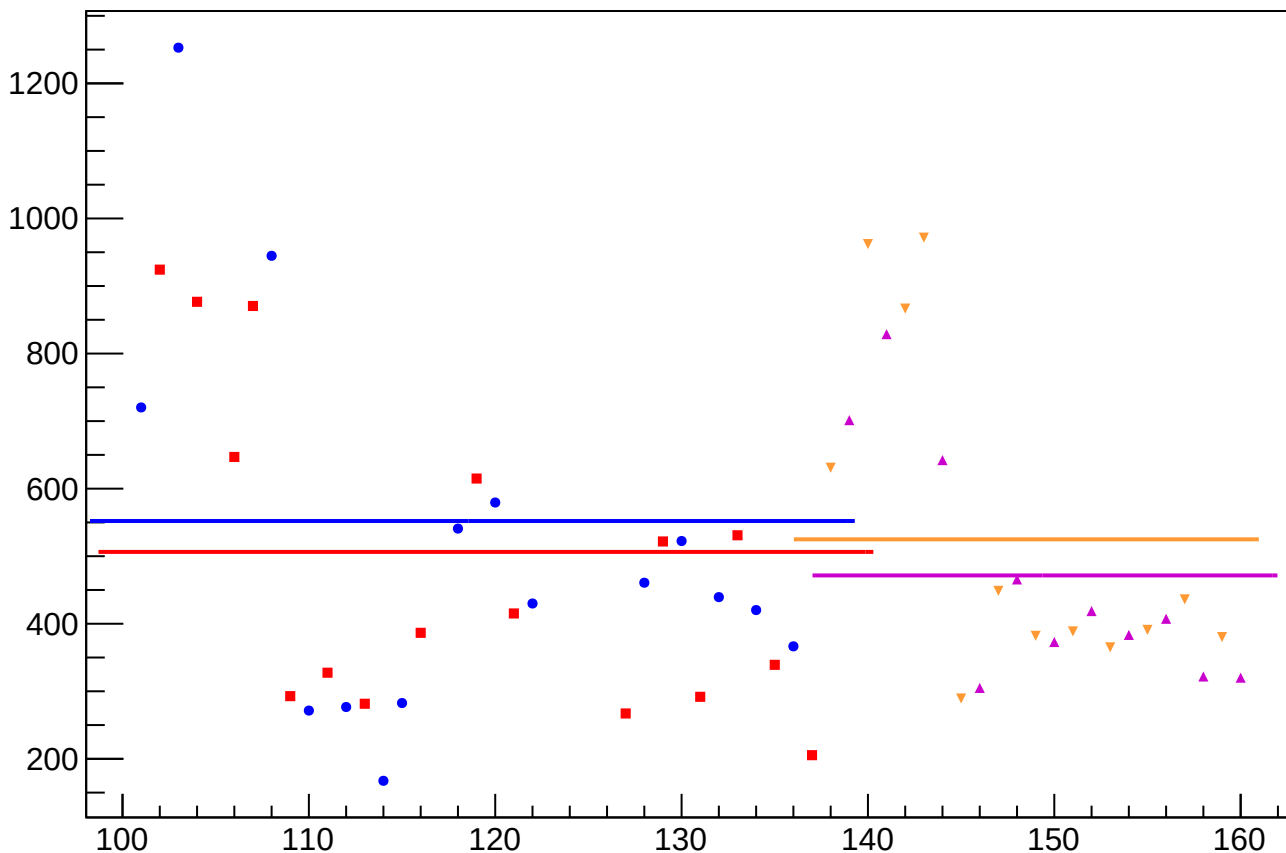
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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

+ sign 536.247+/-0.000 χ^2/NDF : 100138864573436

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

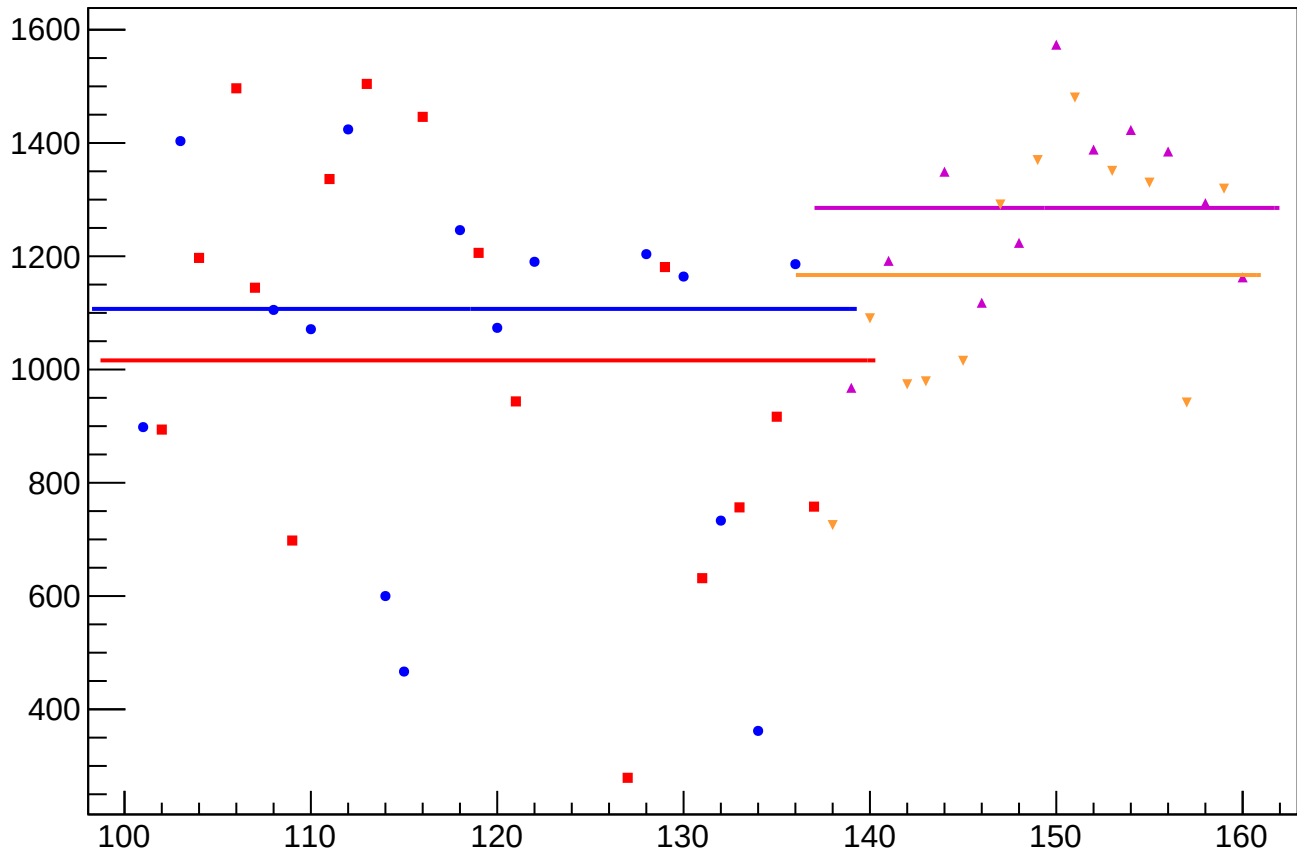
All: 510.967+/-0.000 χ^2/NDF : 165450893043

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

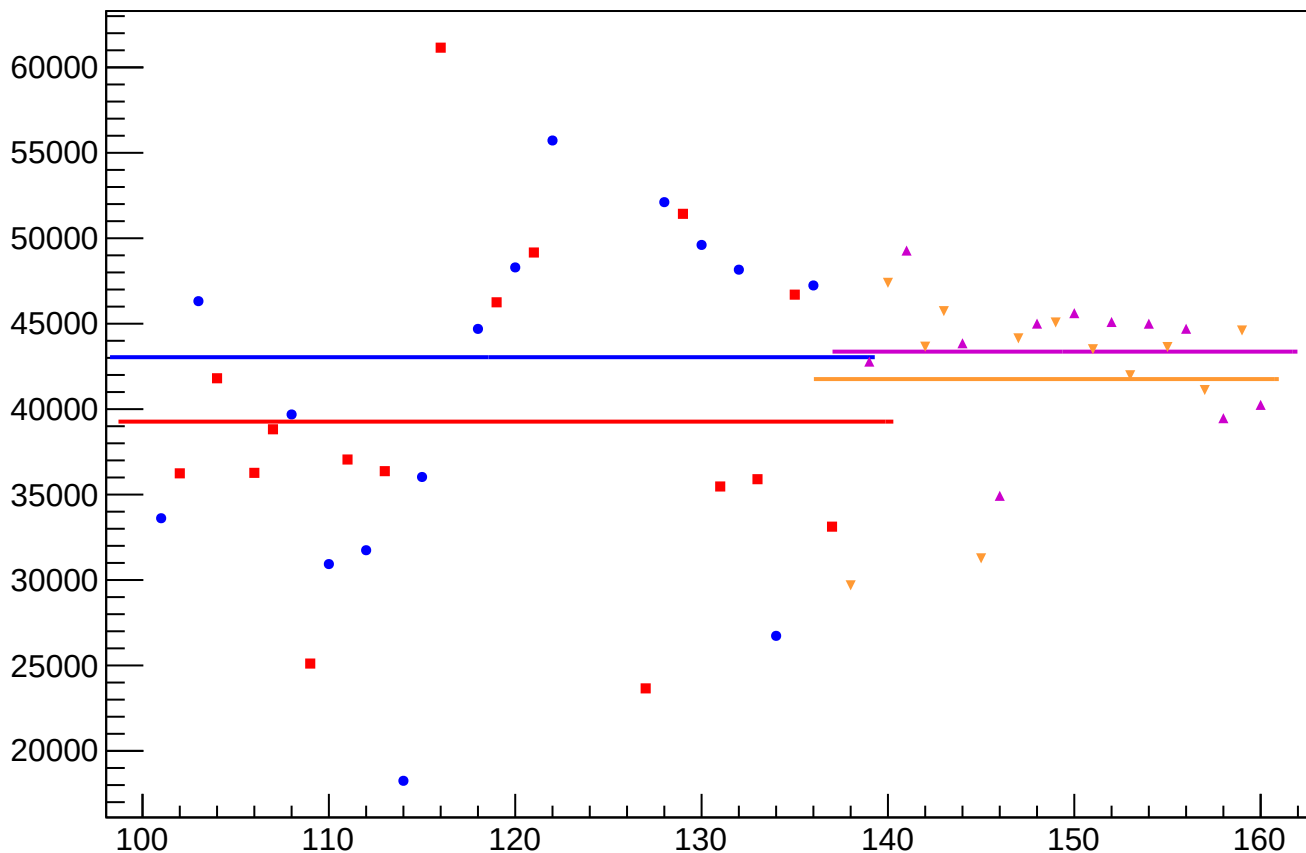
- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_coil4_Ndata_mean vs Slug



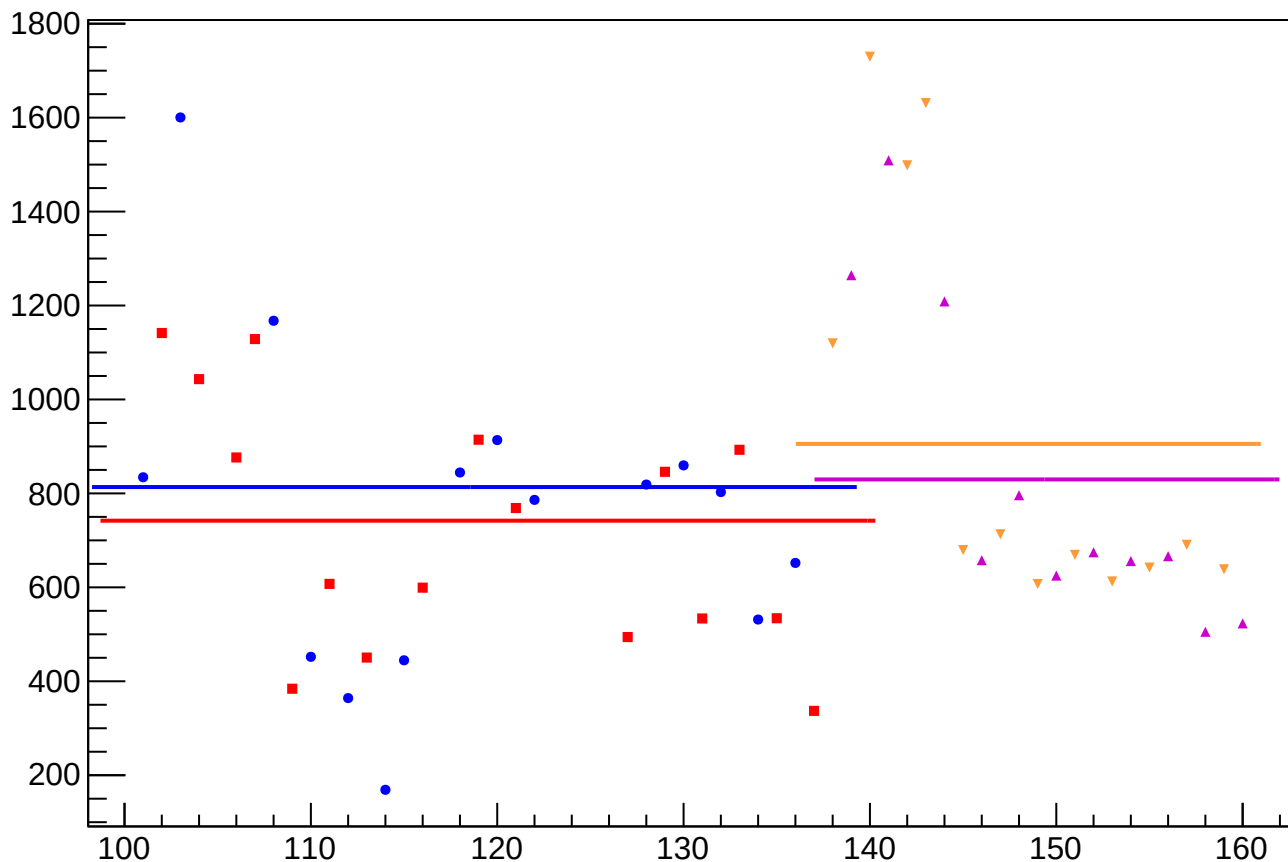
dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42291.015+/-0.000 χ^2/NDF : 7535805649529
 All: 41966.664+/-0.000 χ^2/NDF : 146263445
 - sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



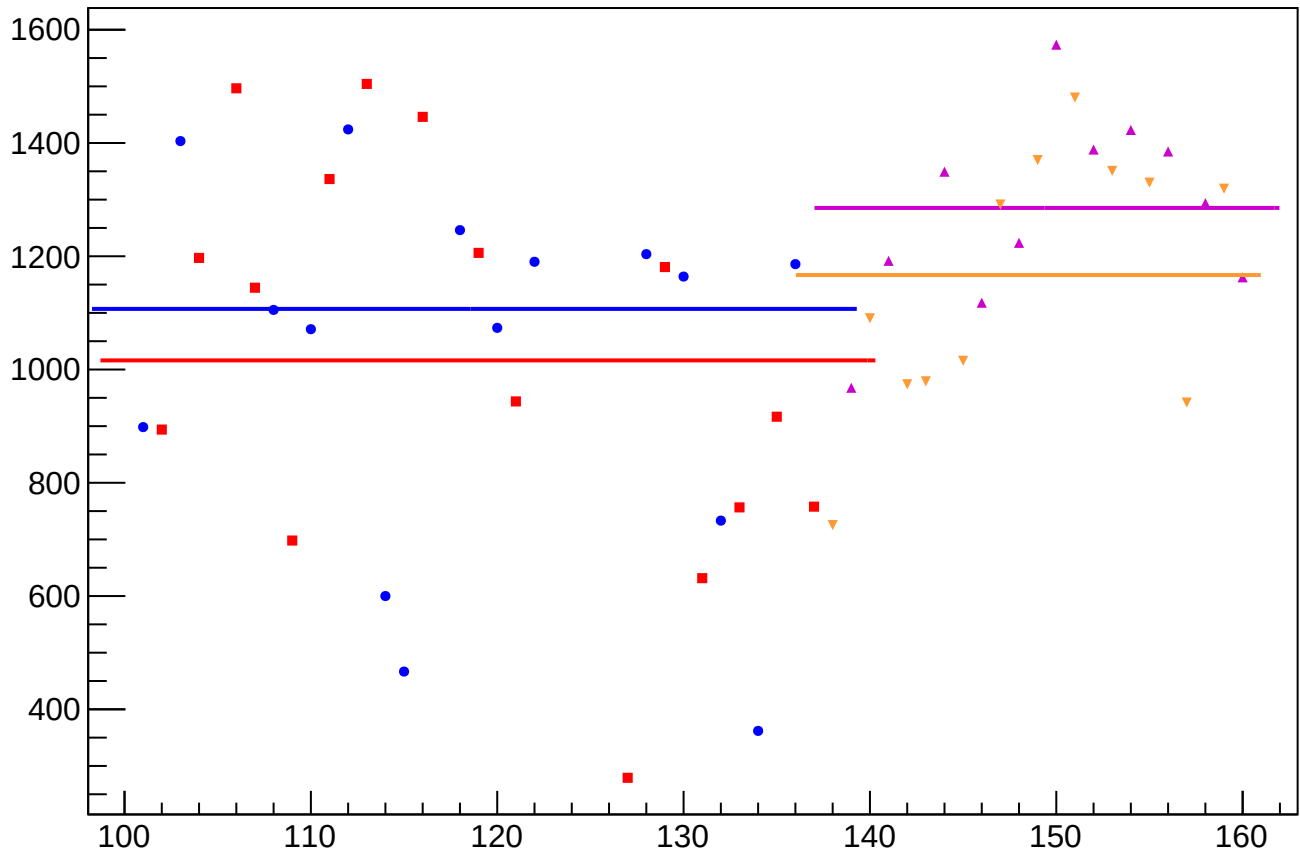
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

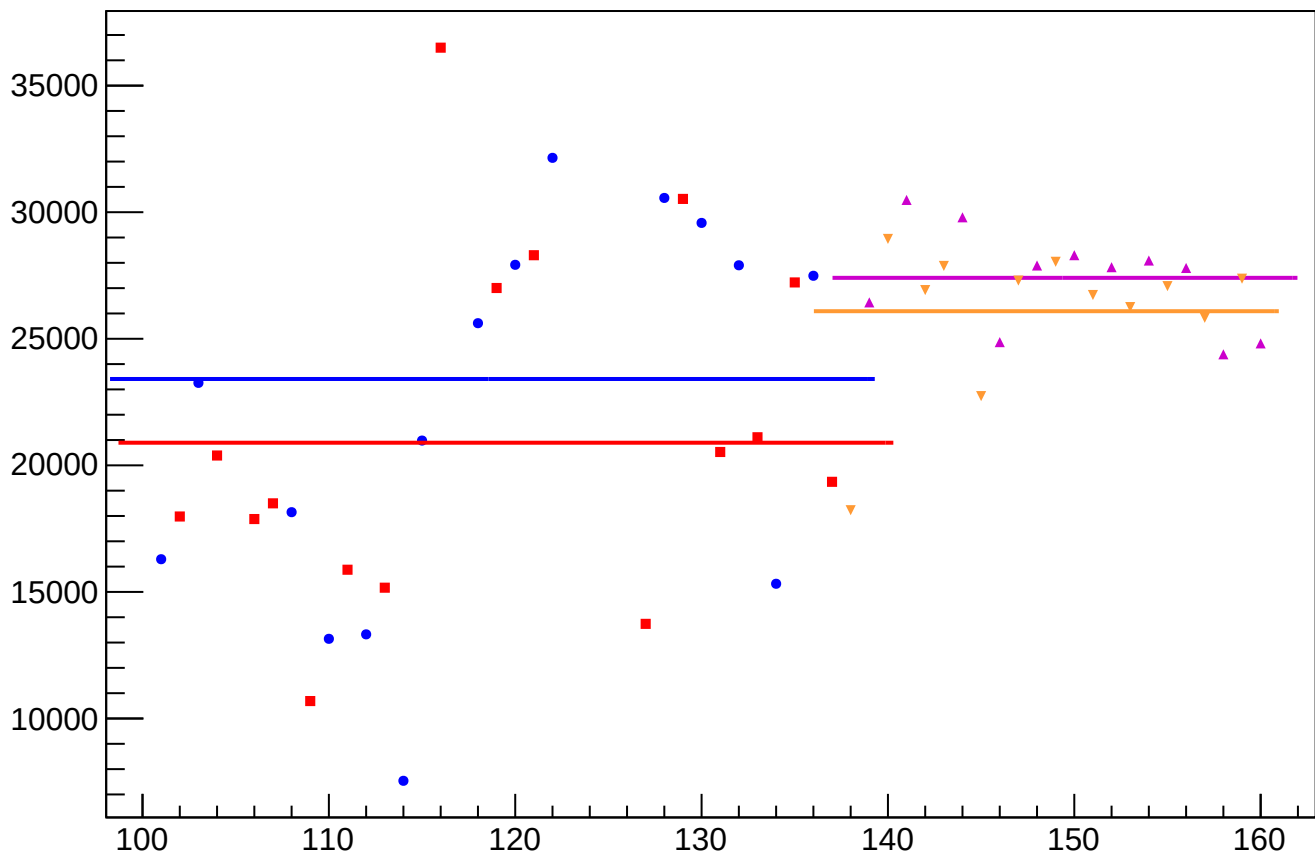
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

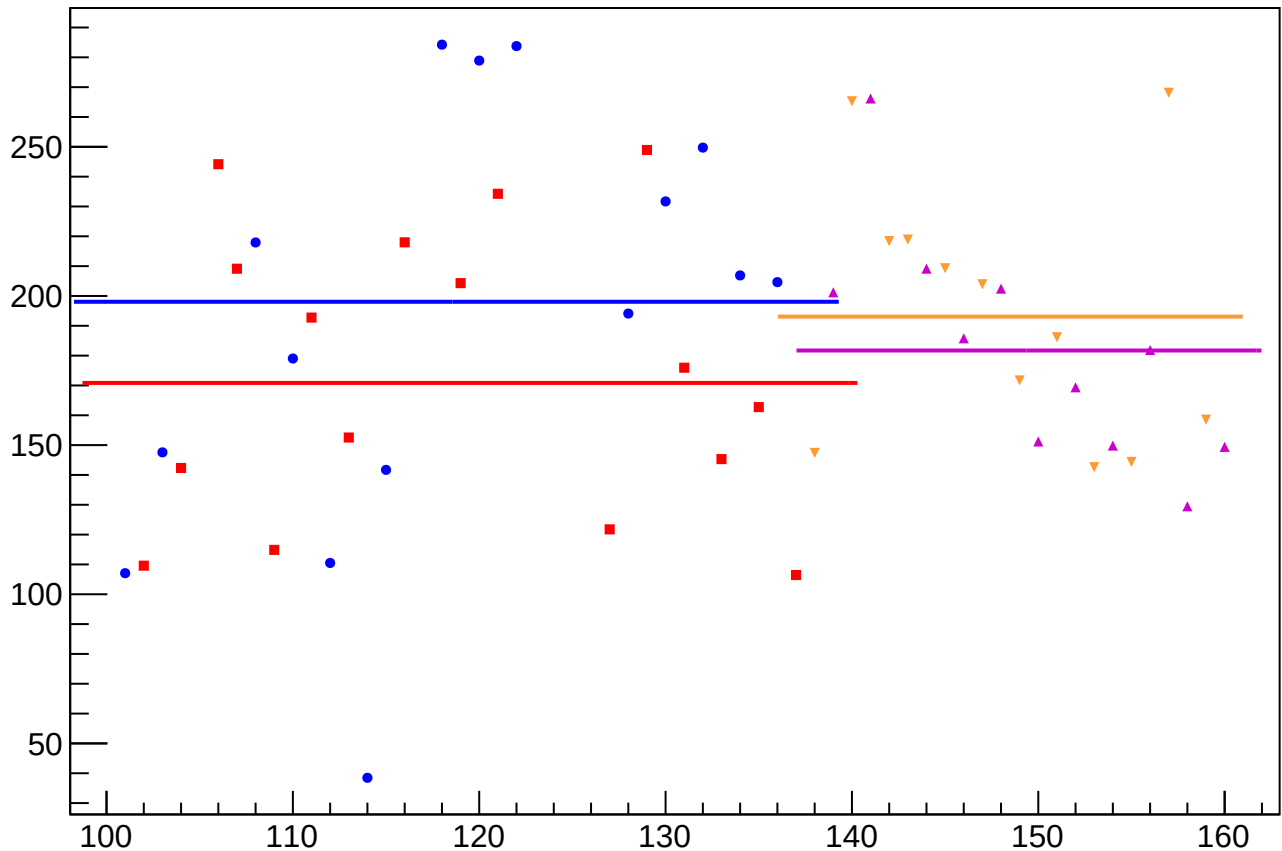
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 26089.435+/-0.000	χ^2/NDF : 7297474697325231234633060364075485102080.0/11
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27407.255+/-0.000	χ^2/NDF : 3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF : 3844656677924
 All: 24825.775+/-0.000 χ^2/NDF : 8568215489
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

dit_sam5_coil4_err_mean vs Slug



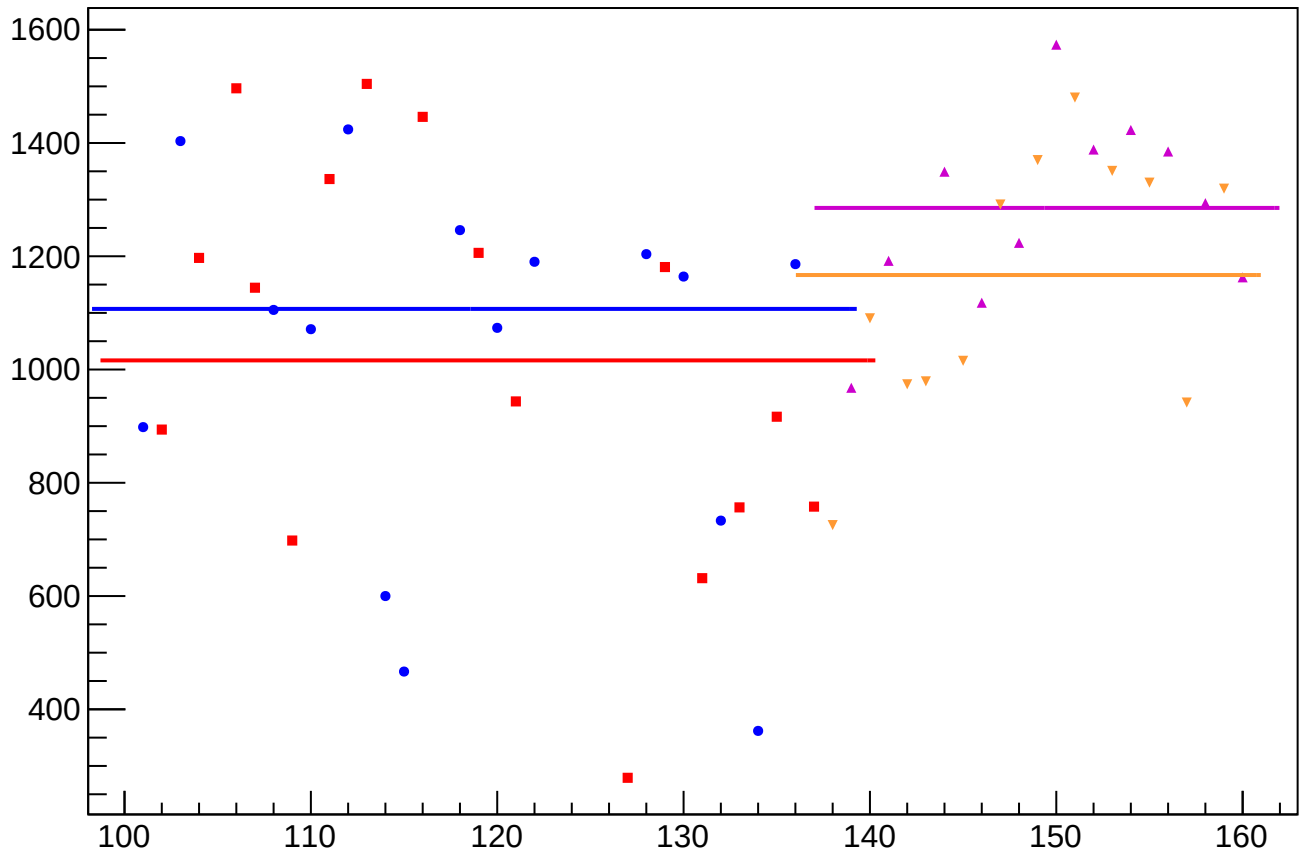
Right In: 198.056 +/- 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 193.084 +/- 0.000 χ^2/NDF : 1682749705439949881122511912389574656.0/11

Right Out: 170.851 +/- 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

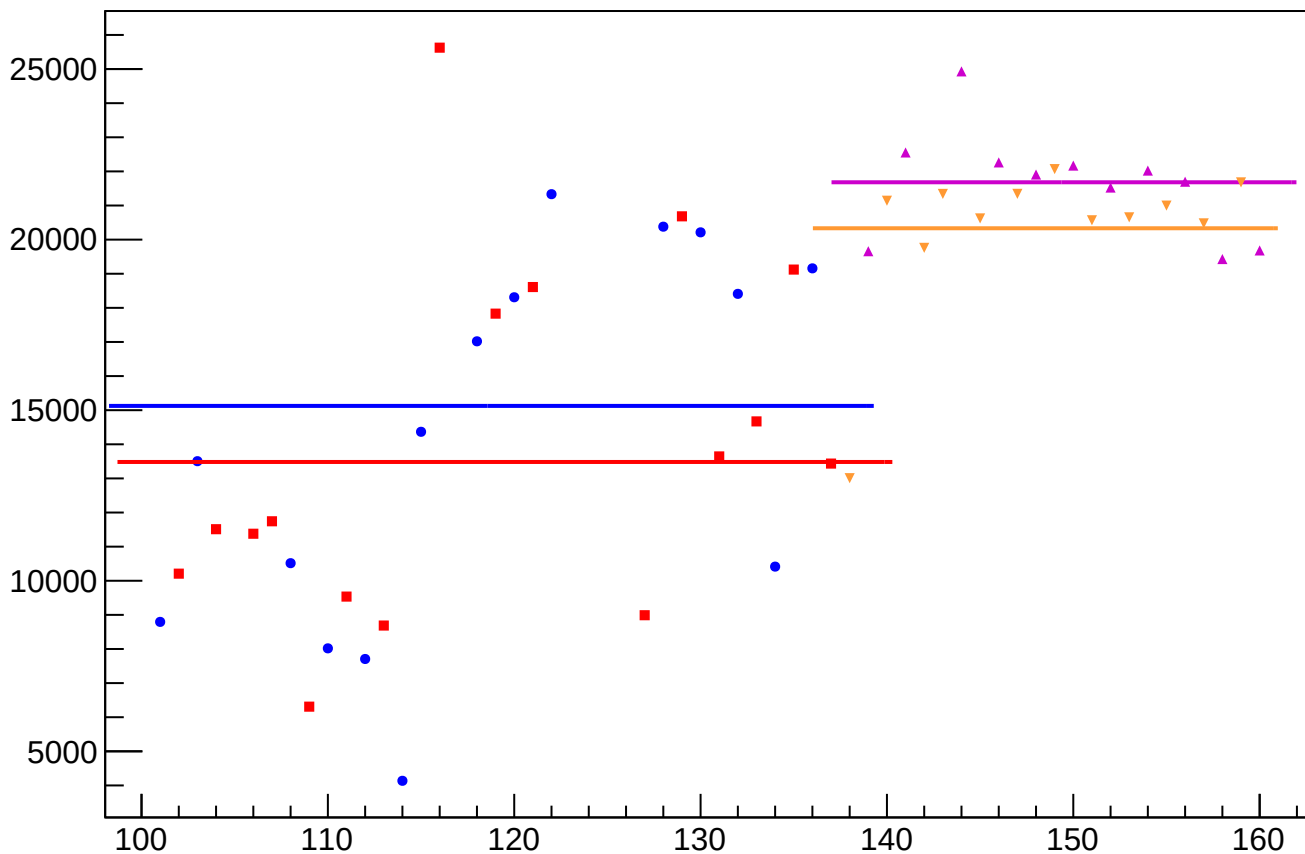
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

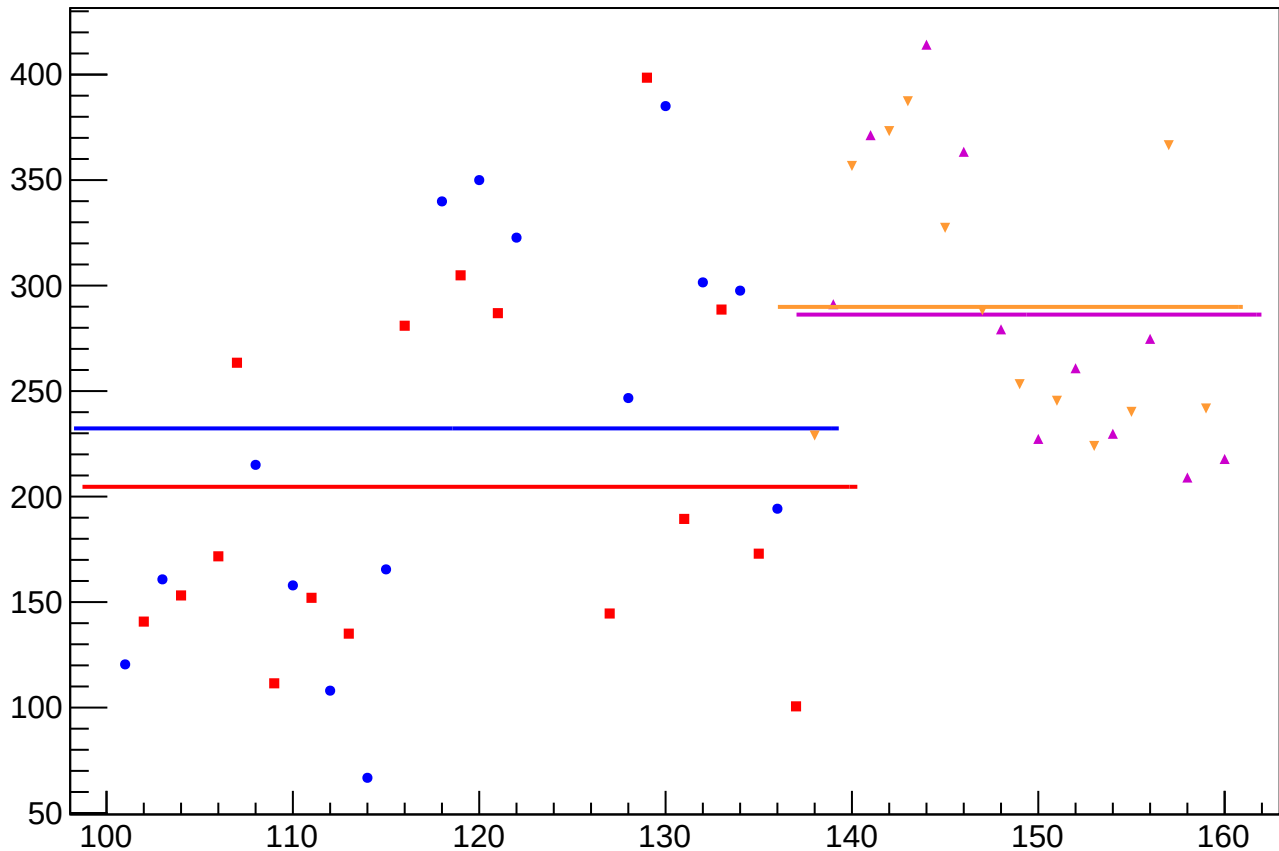
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20333.061+/-0.000	χ^2/NDF : 4855949225776942763226853940369054236672.0/11
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21681.241+/-0.000	χ^2/NDF : 2108874573649202621711530332866310307840.0/10

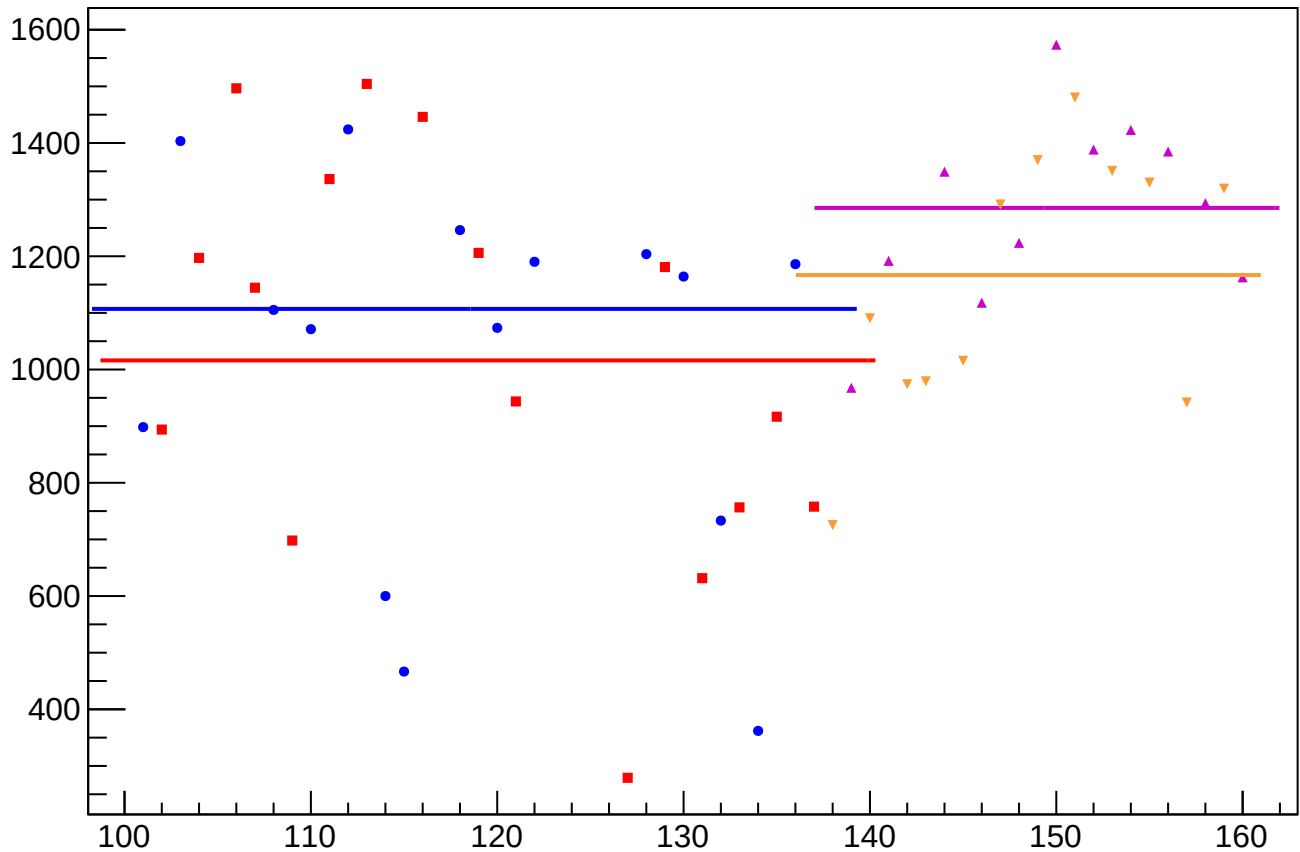
+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

dit_sam6_coil4_err_mean vs Slug



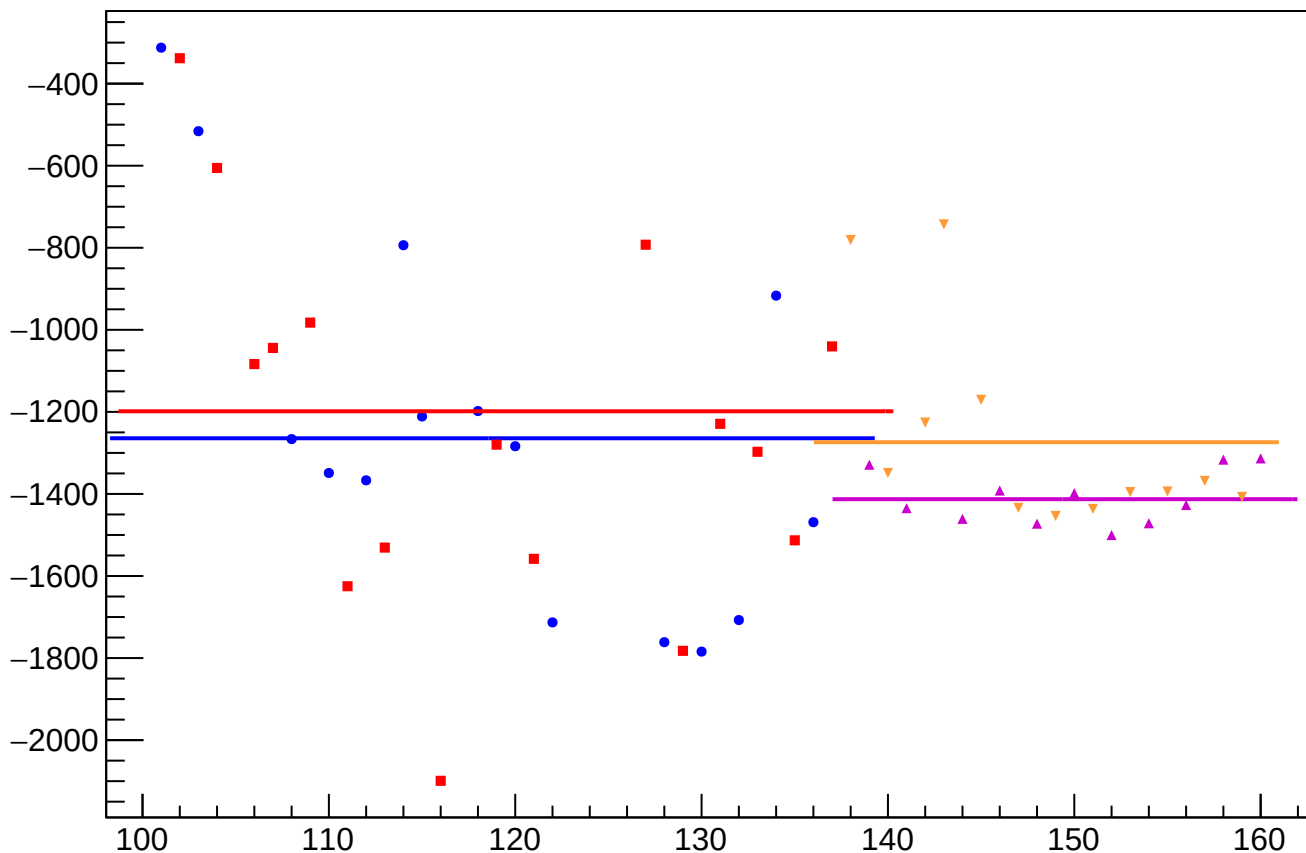
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14
 Left Out: 289.897+/-0.000 χ^2/NDF : 3202390993231935504147250998086205440.0/11
 Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15
 Left In: 286.246+/-0.000 χ^2/NDF : 4067110443230234744644750983181631488.0/10

dit_sam6_coil4_Ndata_mean vs Slug



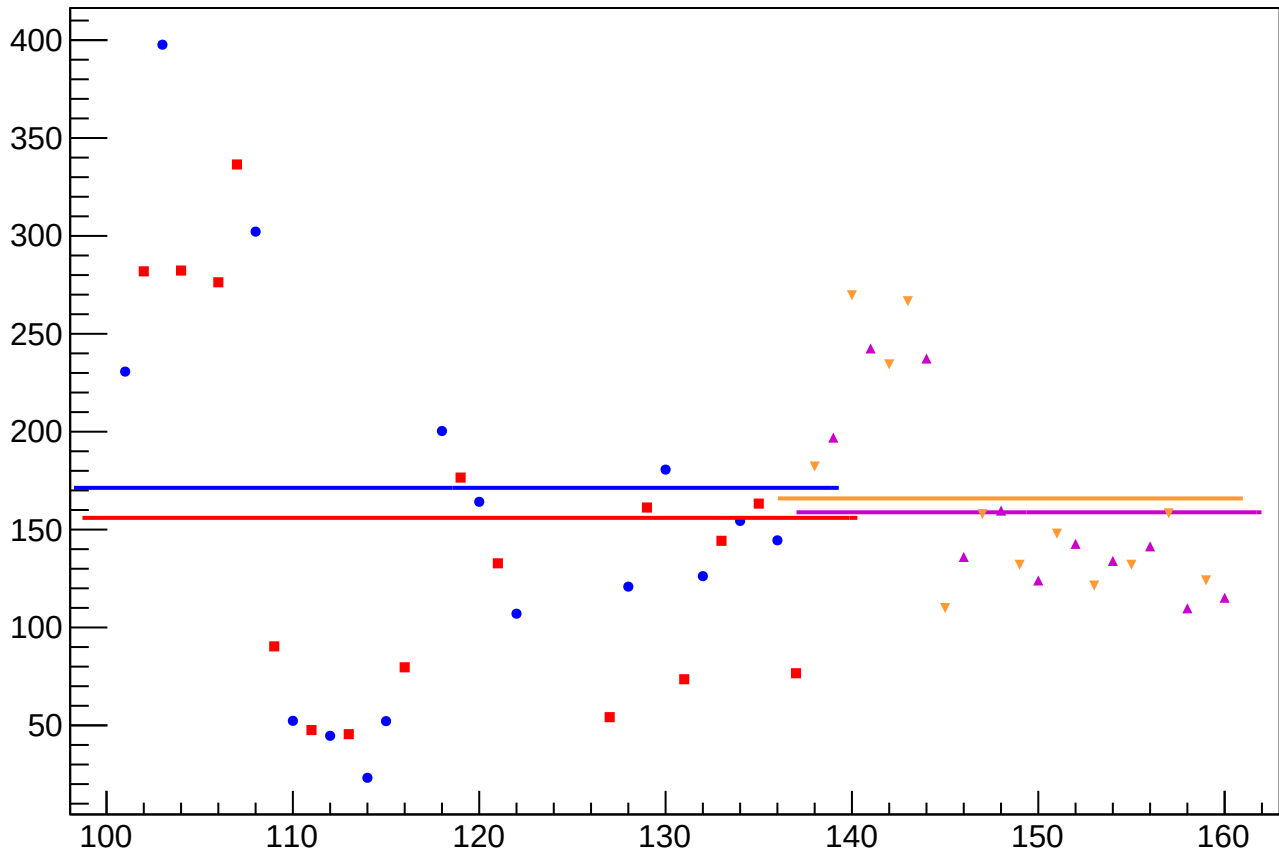
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



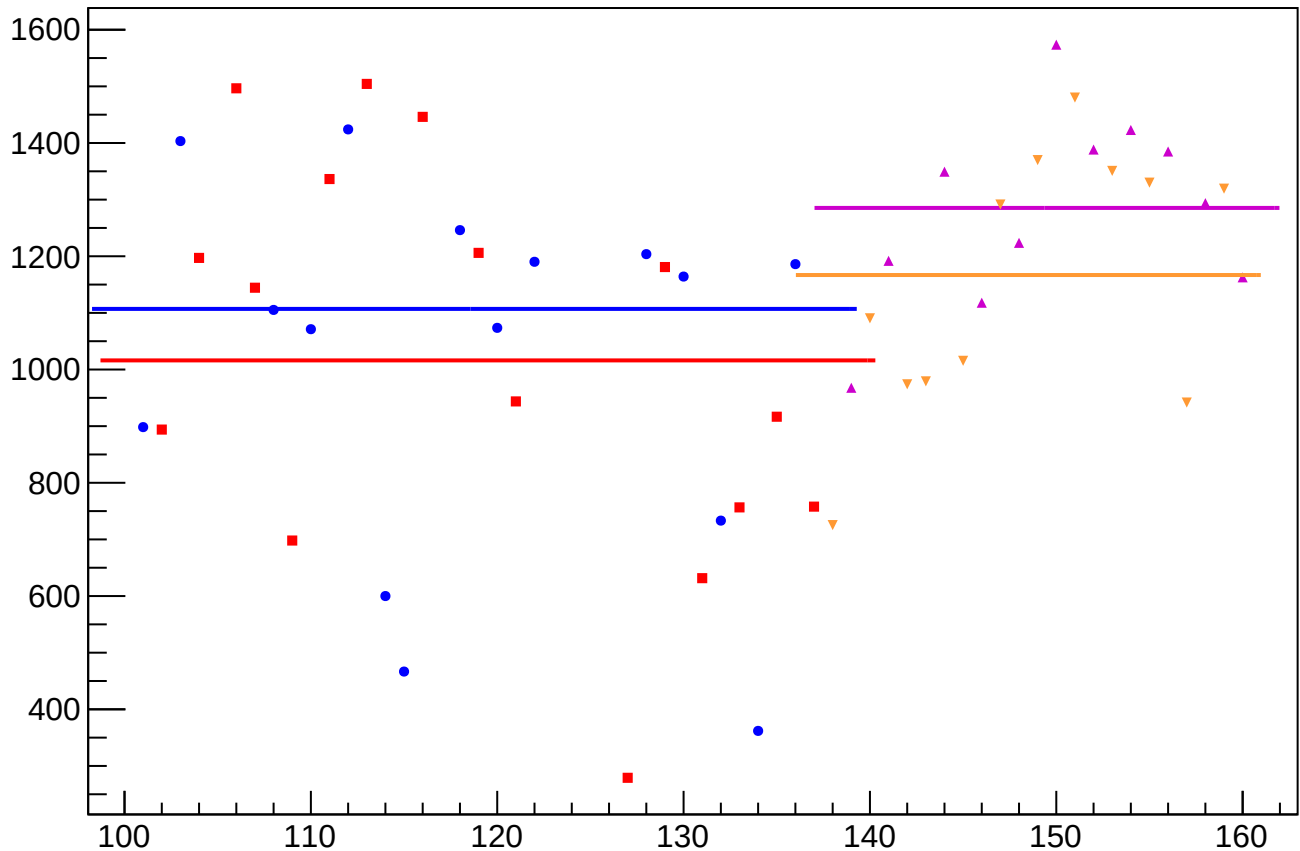
Right In: -1264.303+/-0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912+/-0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483+/-0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771+/-0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10
 All: -1296.664+/-0.000 χ^2/NDF : 3455789240
 + sign -1269.922+/-0.000 χ^2/NDF : 1907675135798
 - sign -1322.935+/-0.000 χ^2/NDF : 15259559017097

dit_sam7_coil4_err_mean vs Slug



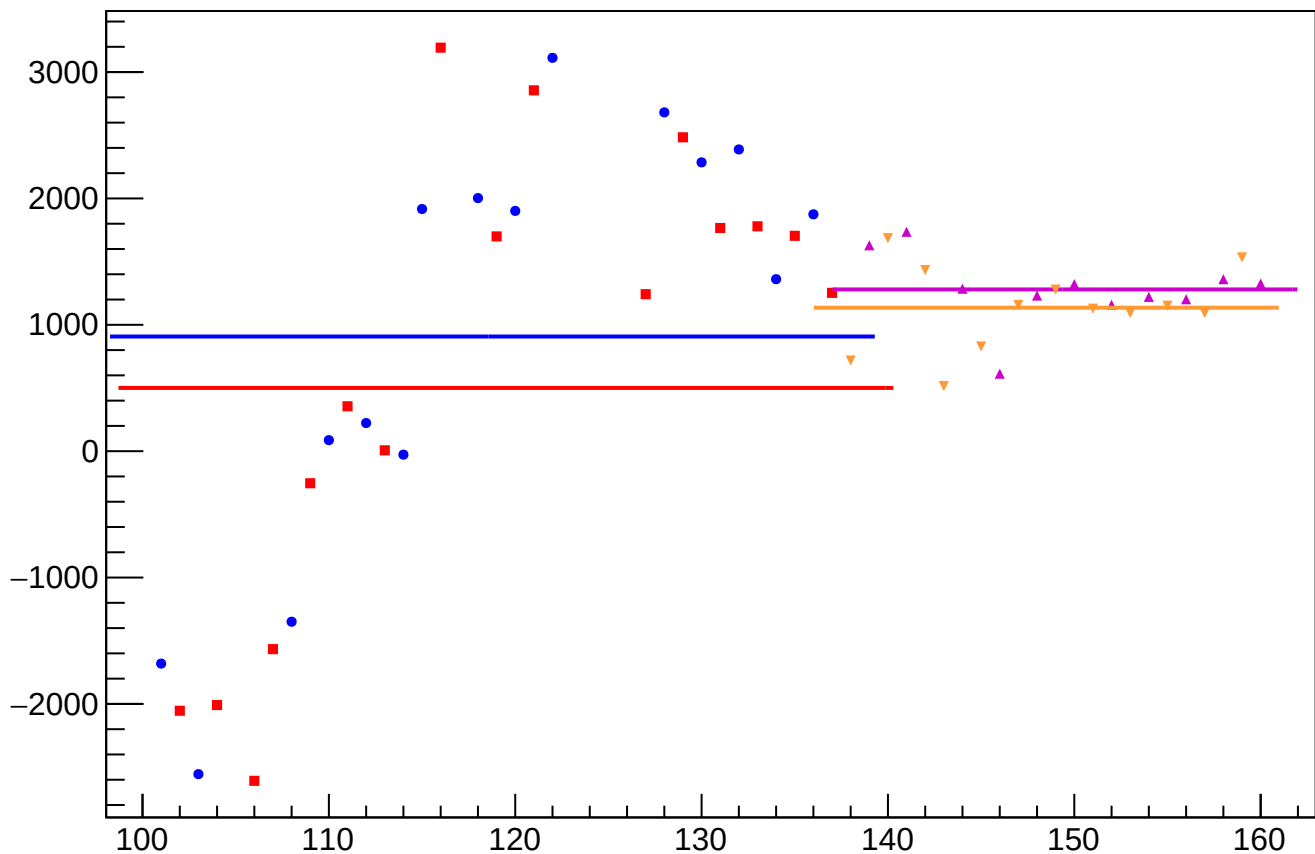
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

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
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam8_coil4_mean vs Slug



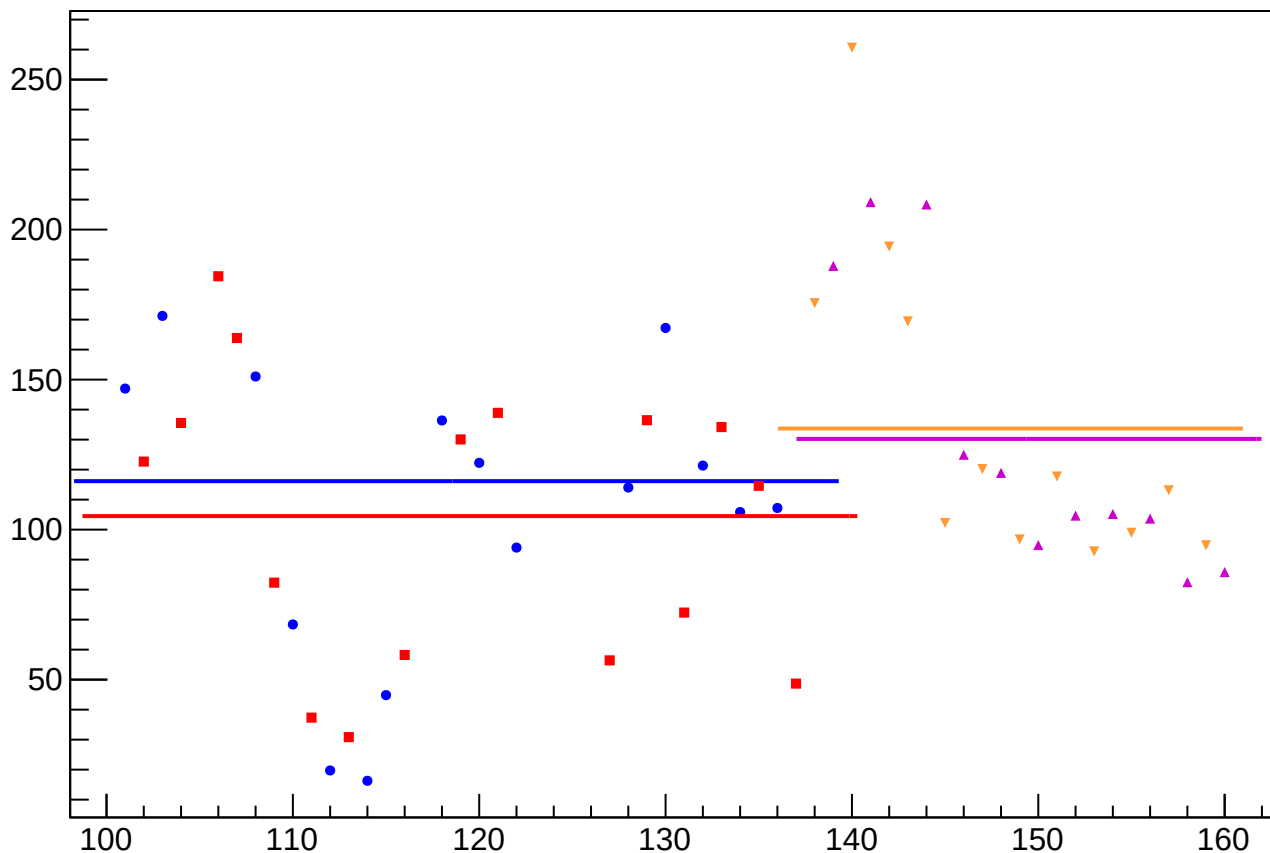
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ 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

+ sign 126.414+/-0.000 χ^2/NDF : 364747445092715

Left Out: 133.695+/-0.000 χ^2/NDF : 2332238004384262852879386446827356160.0/11

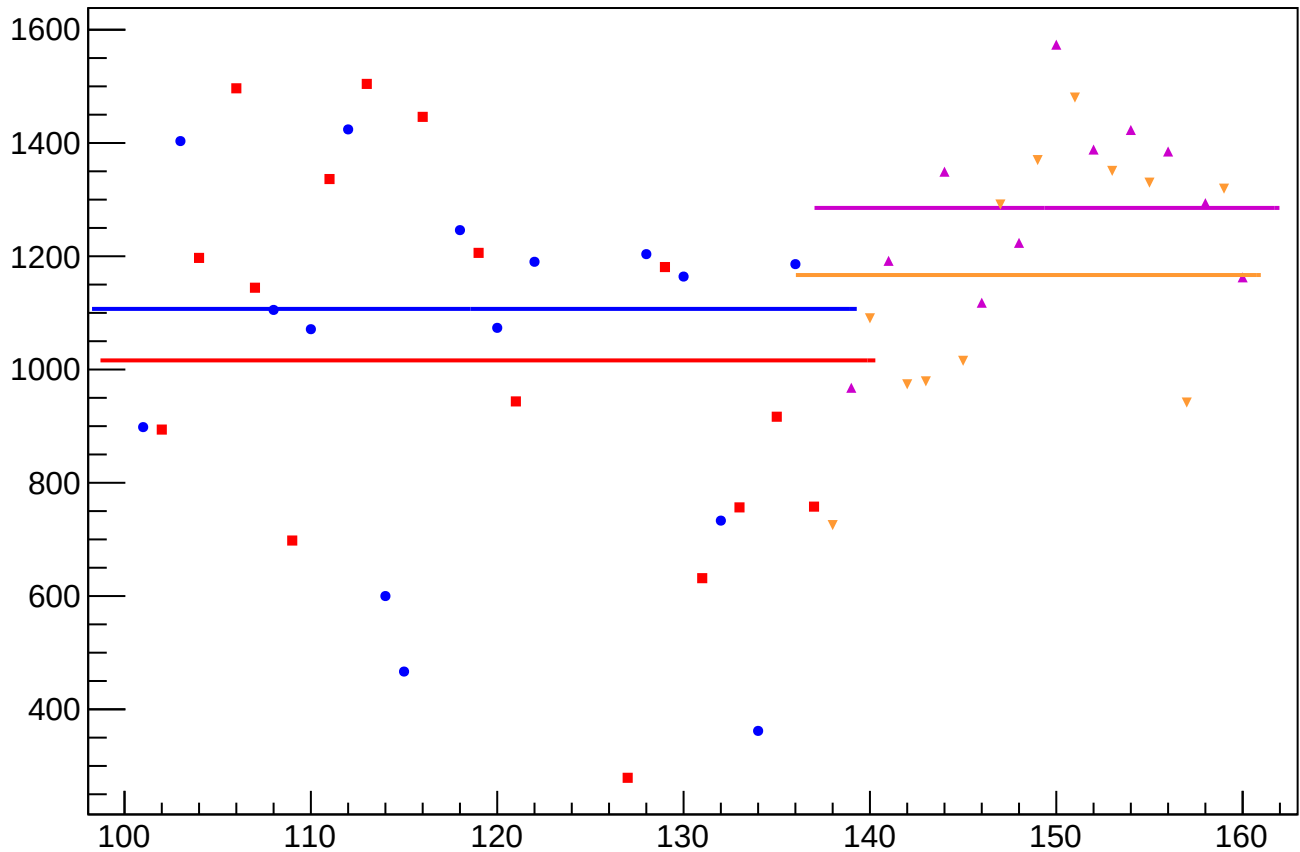
All: 122.900+/-0.000 χ^2/NDF : 71971163823

Right Out: 104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15

- sign 119.447+/-0.000 χ^2/NDF : 351137486927292

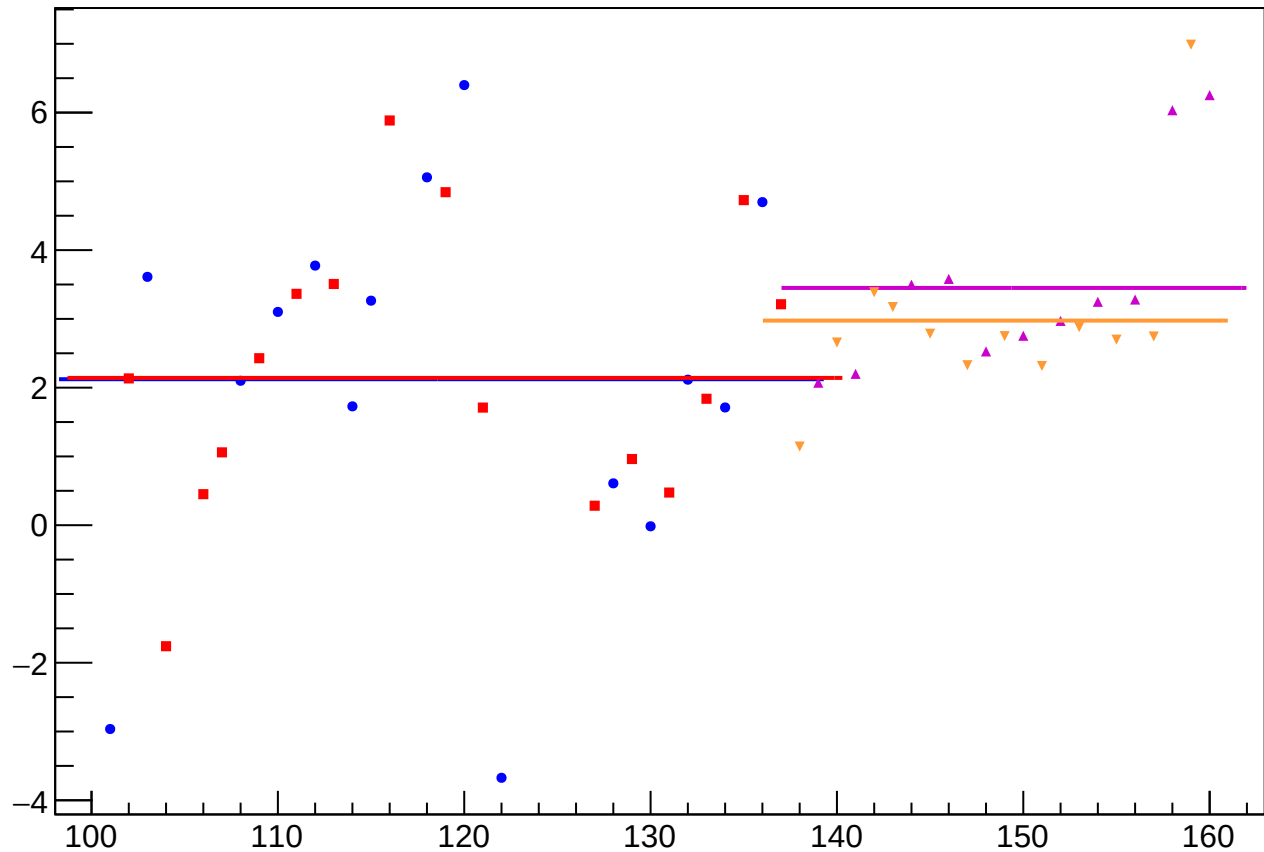
Left In: 130.237+/-0.000 χ^2/NDF : 1968814259217478663576054483231178752.0/10

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

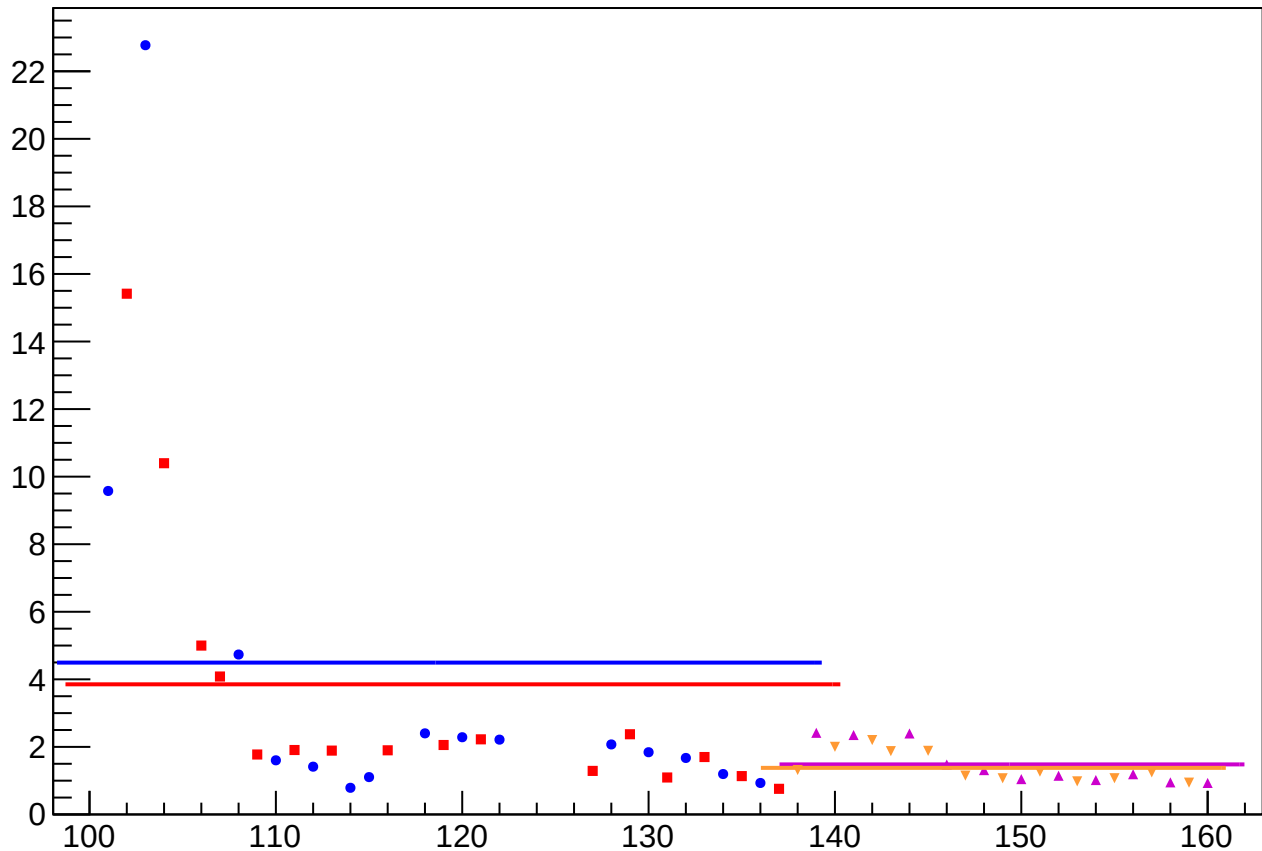
dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000	χ^2/NDF : 5263705922821075971022013849403392.0/14
Left Out: 2.975+/-0.000	χ^2/NDF : 1653073452461549310648226194391040.0/11
Right Out: 2.142+/-0.000	χ^2/NDF : 2472949940993672466161692257026048.0/15
Left In: 3.450+/-0.000	χ^2/NDF : 1551935058842125730993767819771904.0/10

+ sign 2.621+/-0.000 χ^2/NDF : 71926109698373780
 All: 2.763+/-0.000 χ^2/NDF : 11942737584809
 - sign 2.902+/-0.000 χ^2/NDF : 46881653143346508

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14

Left Out: 1.379 $\pm$ 0.000 χ^2 /NDF: 150384329501224226849656085151744.0/11

Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15

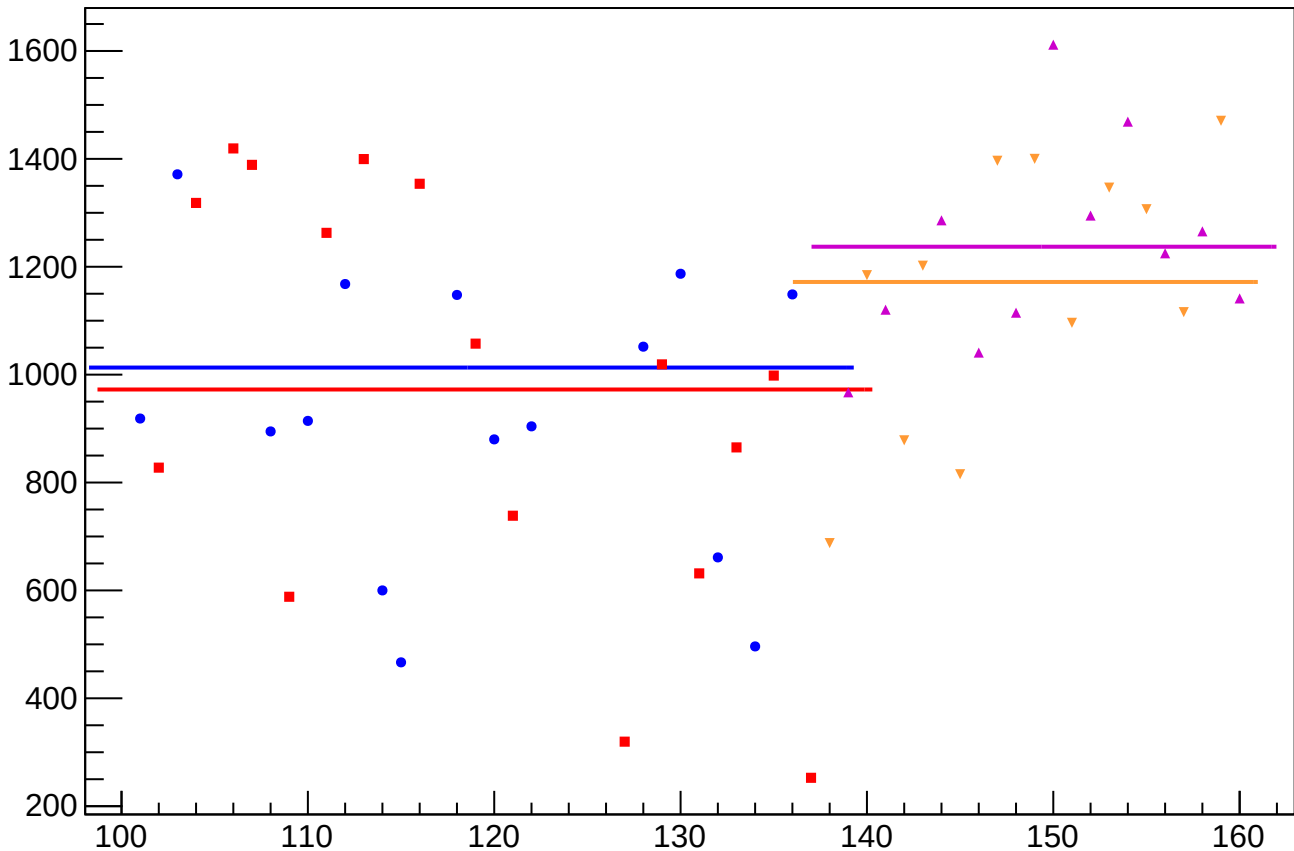
Left In: 1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10

+ sign 2.673 $\pm$ 0.000 χ^2 /NDF: 29105436808146683

All: 2.573 $\pm$ 0.000 χ^2 /NDF: 43938576112447

- sign 2.476 $\pm$ 0.000 χ^2 /NDF: 14802405912641910

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

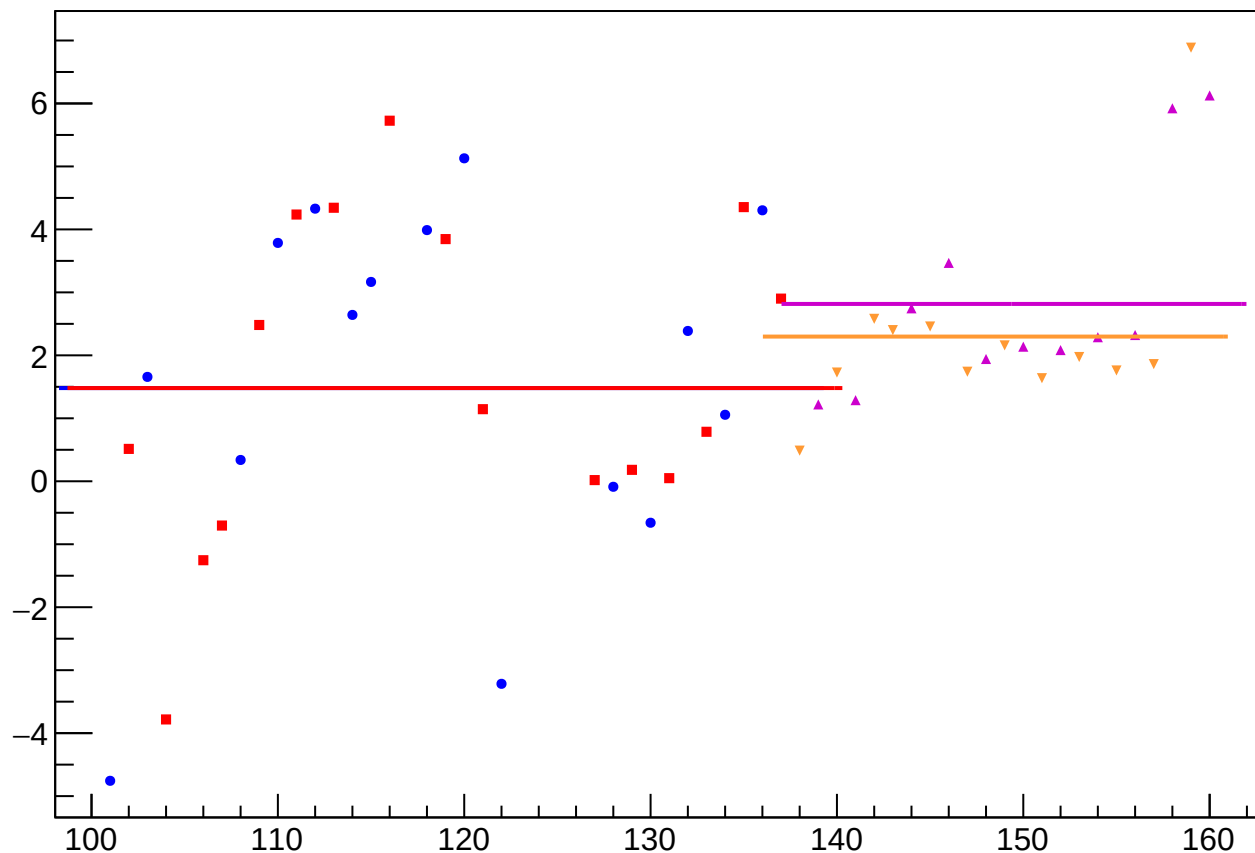
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

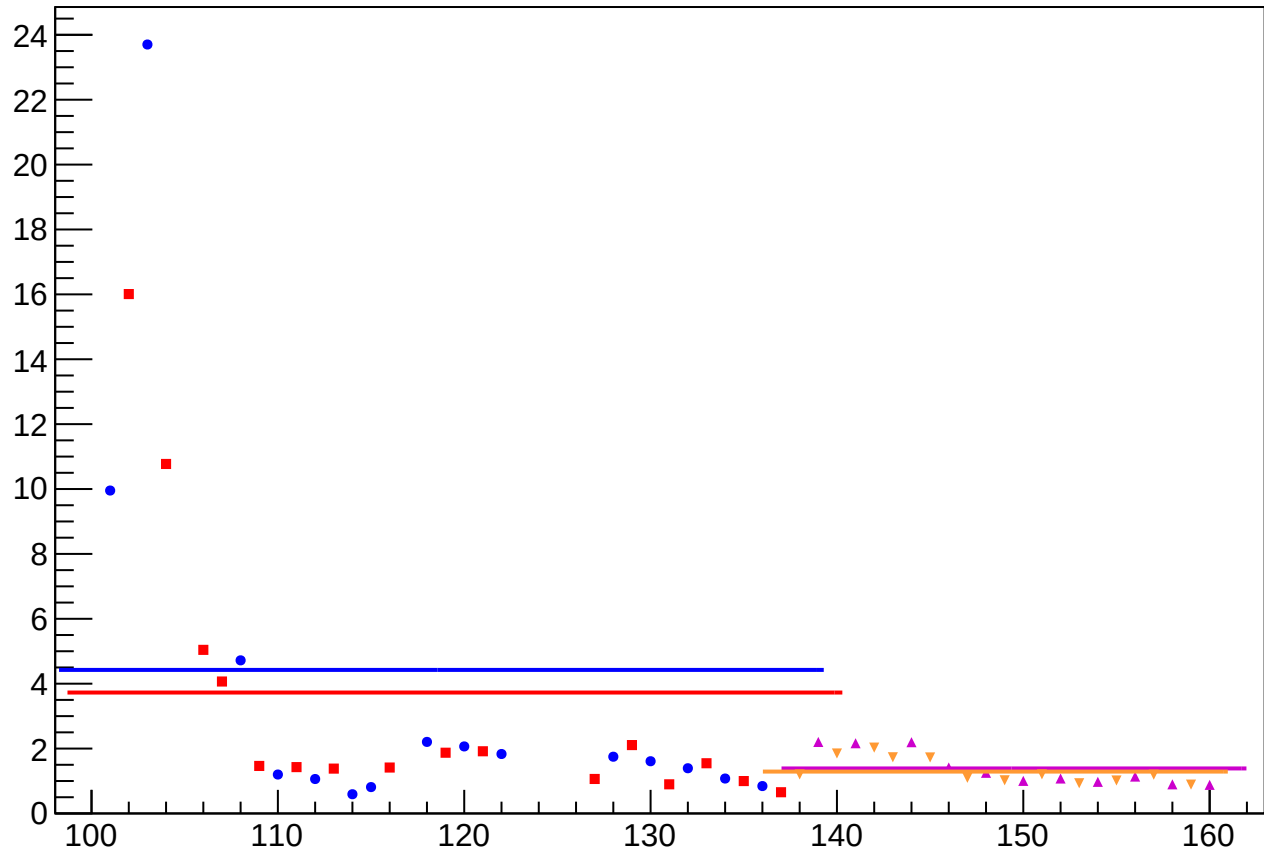
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Left Out: 2.298+/-0.000 χ^2/NDF : 2079870991739780462593334803693568.0/11
 Right Out: 1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15
 Left In: 2.816+/-0.000 χ^2/NDF : 2230790234579581781884760219451392.0/10

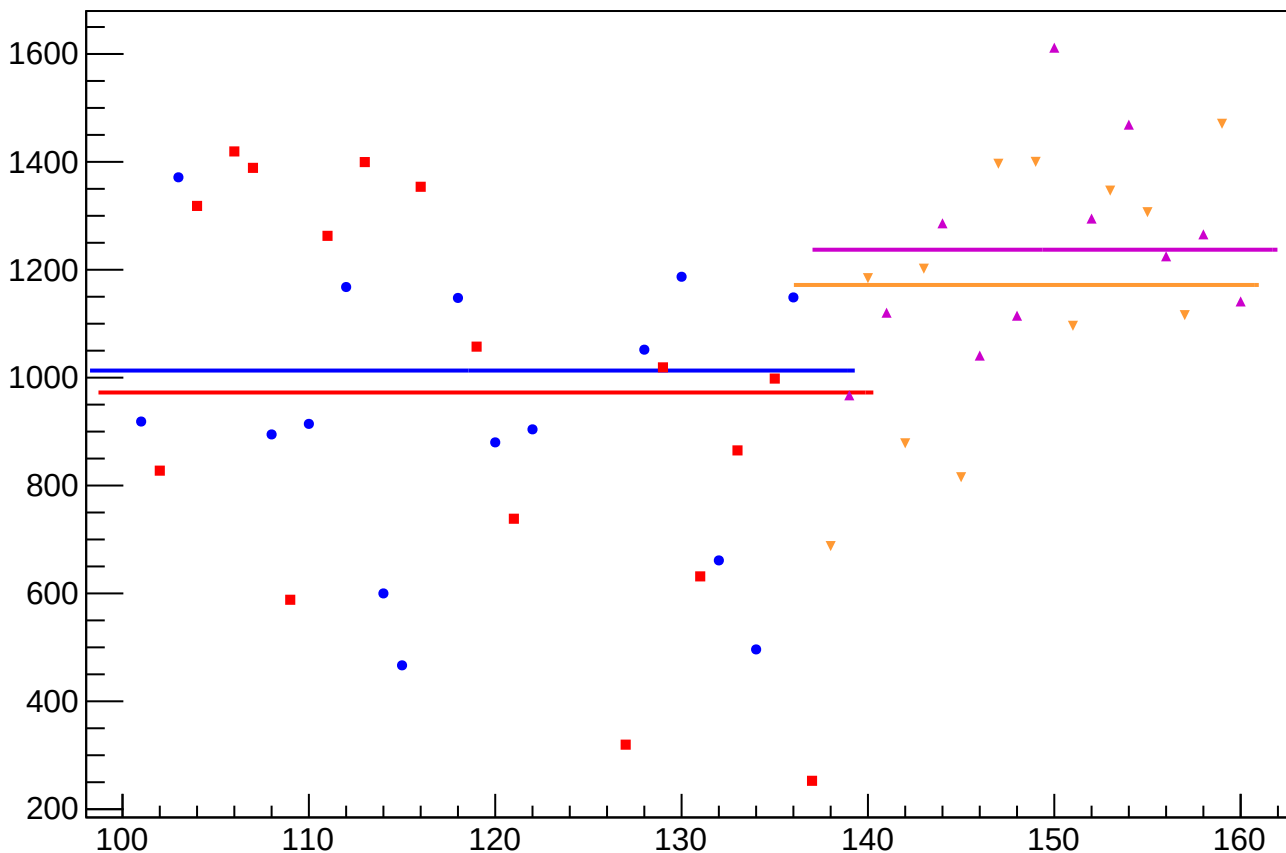
dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000	χ^2/NDF : 28257459272876210608839830473277440.0/14
Left Out: 1.291+/-0.000	χ^2/NDF : 119201725618452190917490324275200.0/11
Right Out: 3.727+/-0.000	χ^2/NDF : 13991816814749842519794284853460992.0/15
Left In: 1.387+/-0.000	χ^2/NDF : 245381205913734368947829561360384.0/10

+ sign 2.592+/-0.000 χ^2/NDF : 32103516119977359
 All: 2.479+/-0.000 χ^2/NDF : 48501017381547
 - sign 2.368+/-0.000 χ^2/NDF : 16358007863357496

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

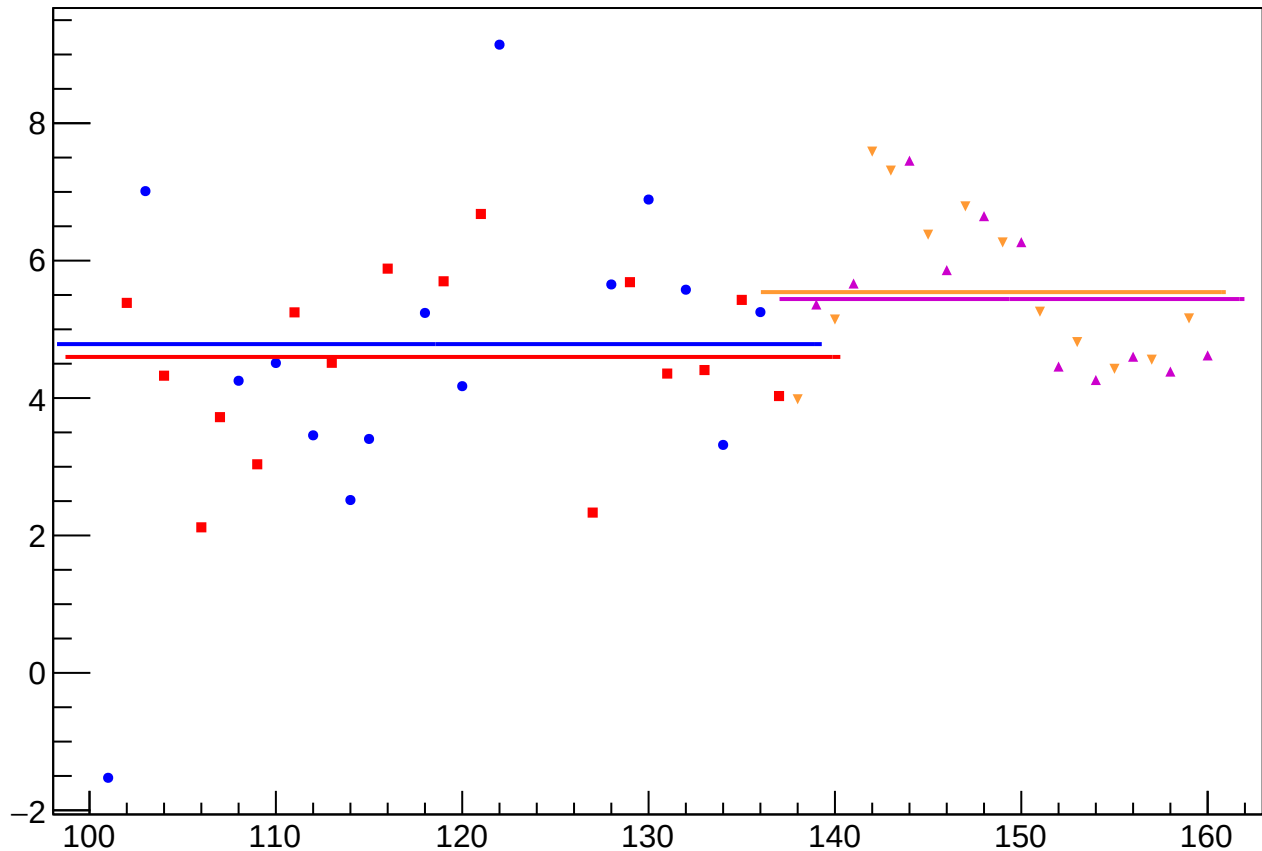
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_11X12X_coil6_mean vs Slug



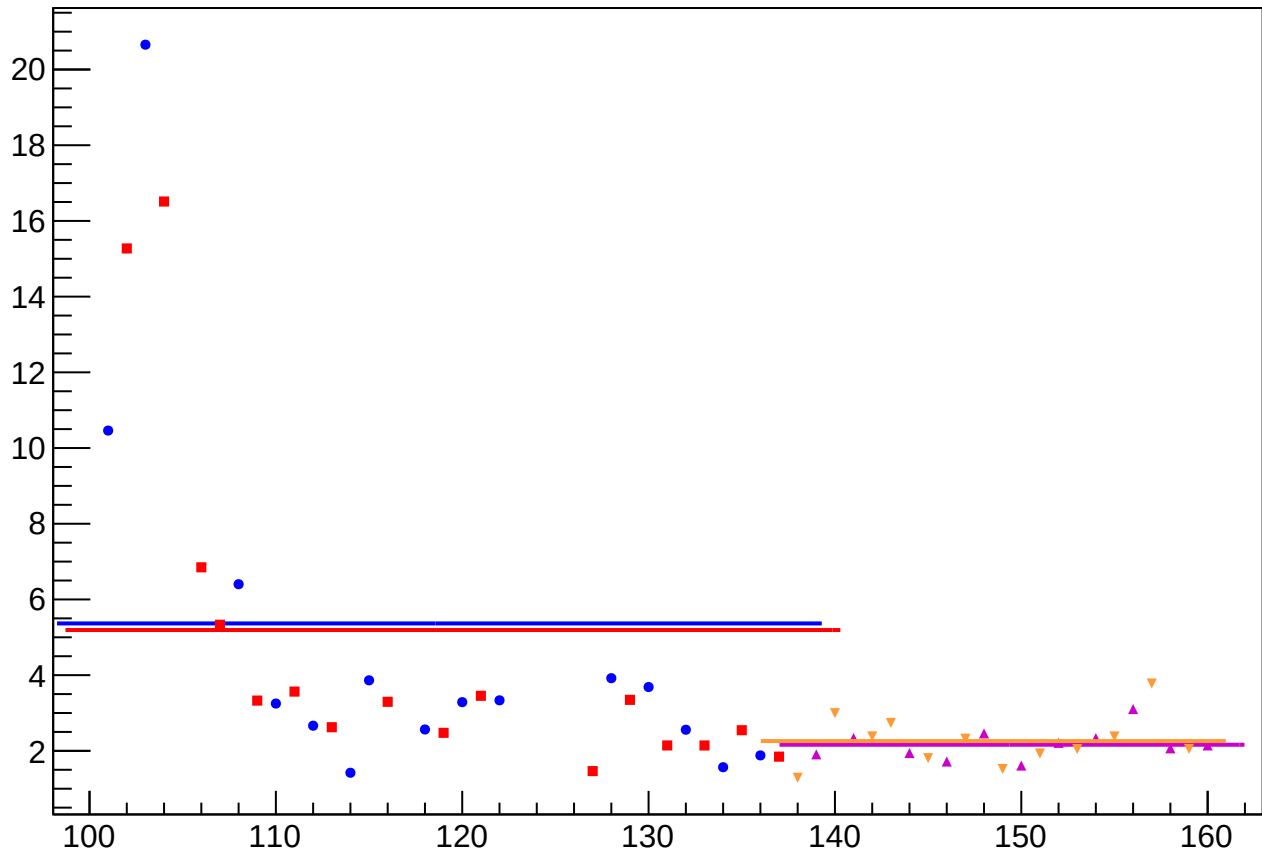
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.542+/-0.000 χ^2/NDF : 1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

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

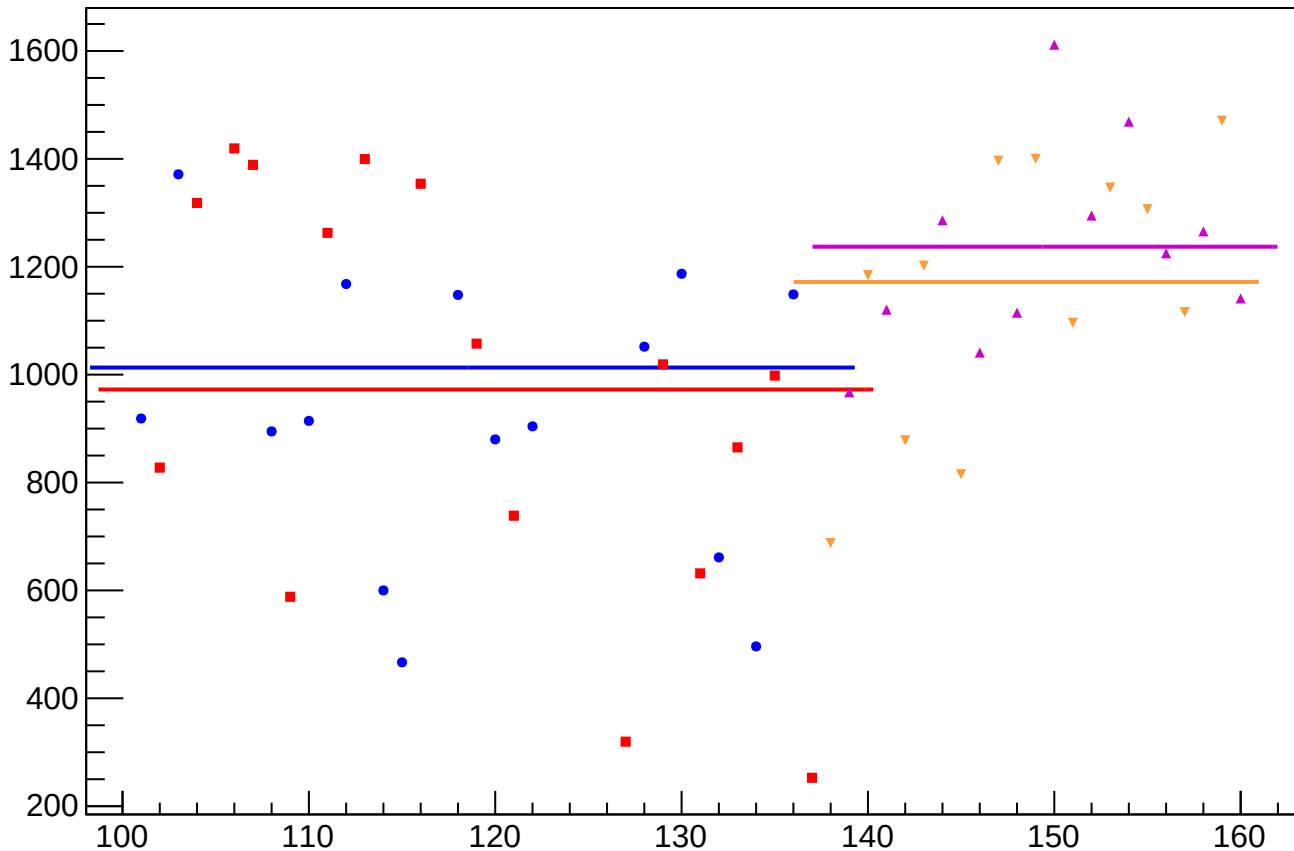
Left In: 2.162+/-0.000 χ^2/NDF : 138367938839103248546751049629696.0/10

+ sign 3.549+/-0.000 χ^2/NDF : 22840324830189286

All: 3.490+/-0.000 χ^2/NDF : 42296939077680

- sign 3.432+/-0.000 χ^2/NDF : 19445829920618957

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

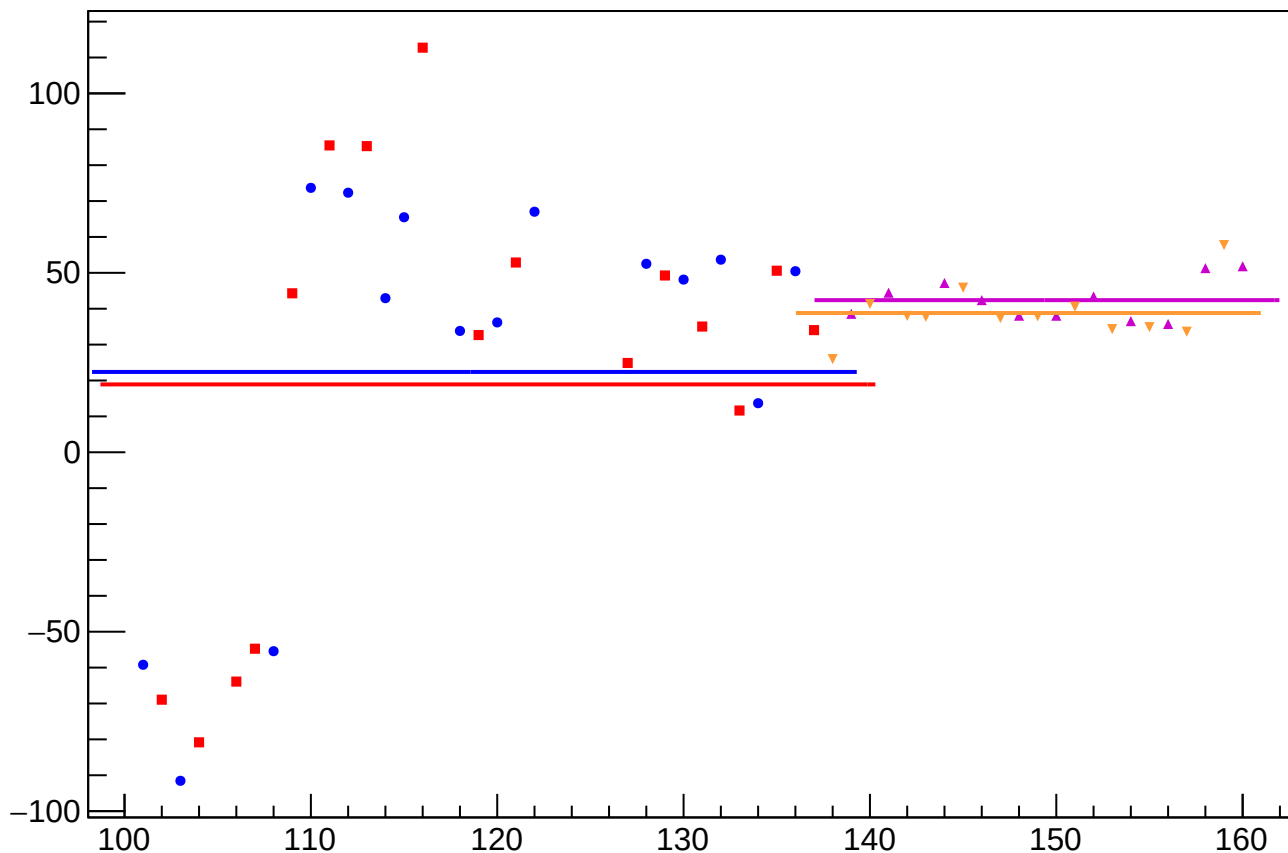
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 38.806+/-0.000 χ^2/NDF : 51649905292188588204172531766132736.0/11

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

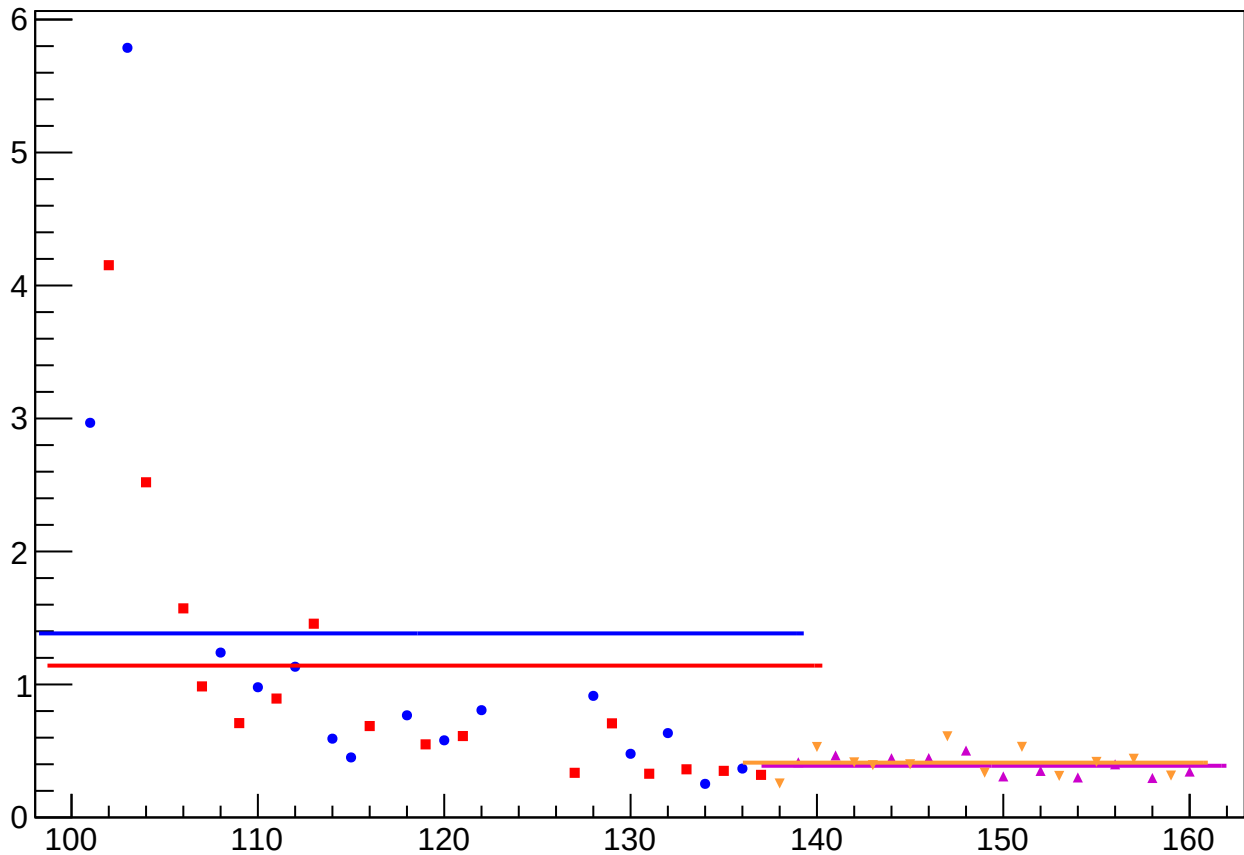
Left In: 42.386+/-0.000 χ^2/NDF : 26555660128562986553016927486214144.0/10

+ sign 31.987+/-0.000 χ^2/NDF : 2076251683338392

All: 32.268+/-0.000 χ^2/NDF : 4498818256205

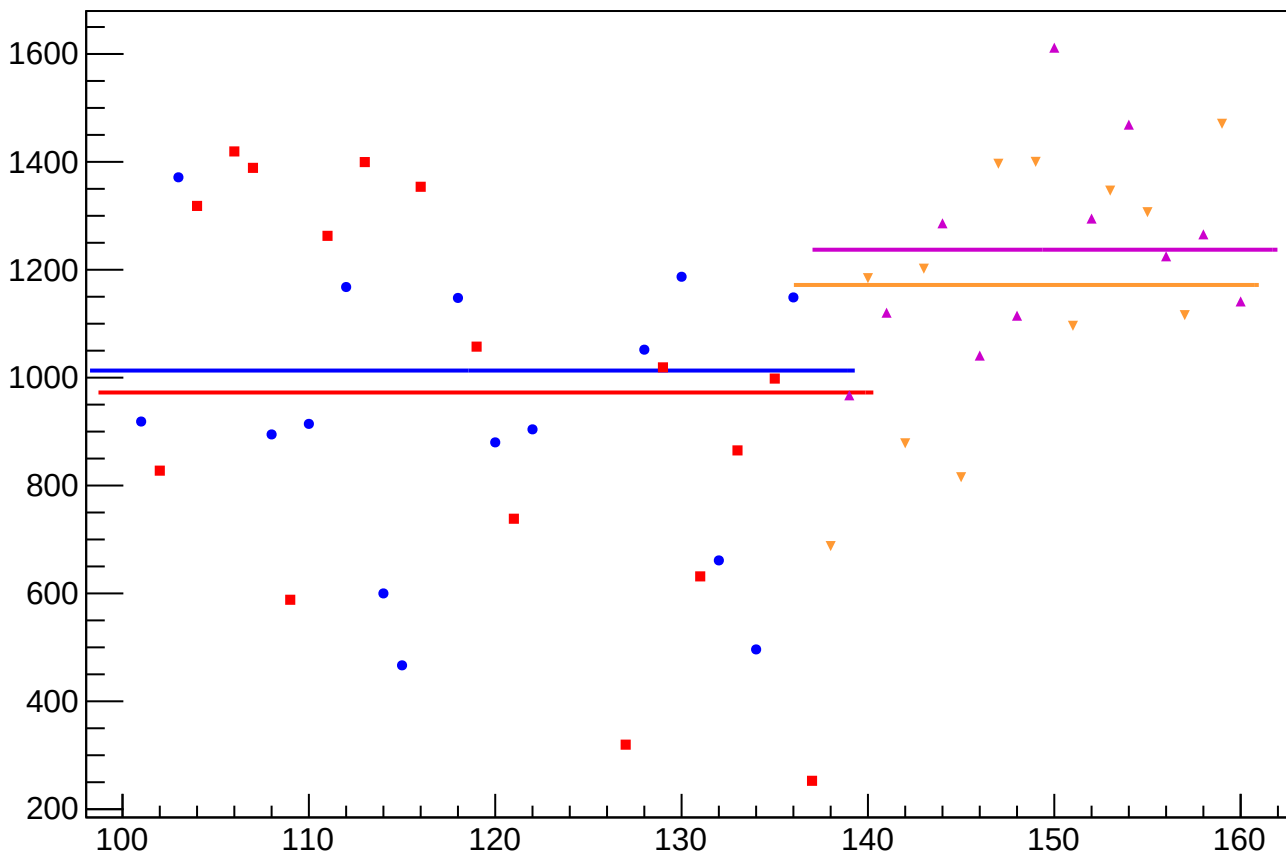
- sign 32.543+/-0.000 χ^2/NDF : 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384 ± 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.412 ± 0.000 χ^2/NDF : 9382414275472018674983467220992.0/11
 Right Out: 1.142 ± 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: 0.389 ± 0.000 χ^2/NDF : 4468112130112640641394154668032.0/10
 All: 0.760 ± 0.000 χ^2/NDF : 29836195057560.0/15
 + sign 0.816 ± 0.000 χ^2/NDF : 19389895341035378.0/11
 - sign 0.704 ± 0.000 χ^2/NDF : 10348725978885865.0/11

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

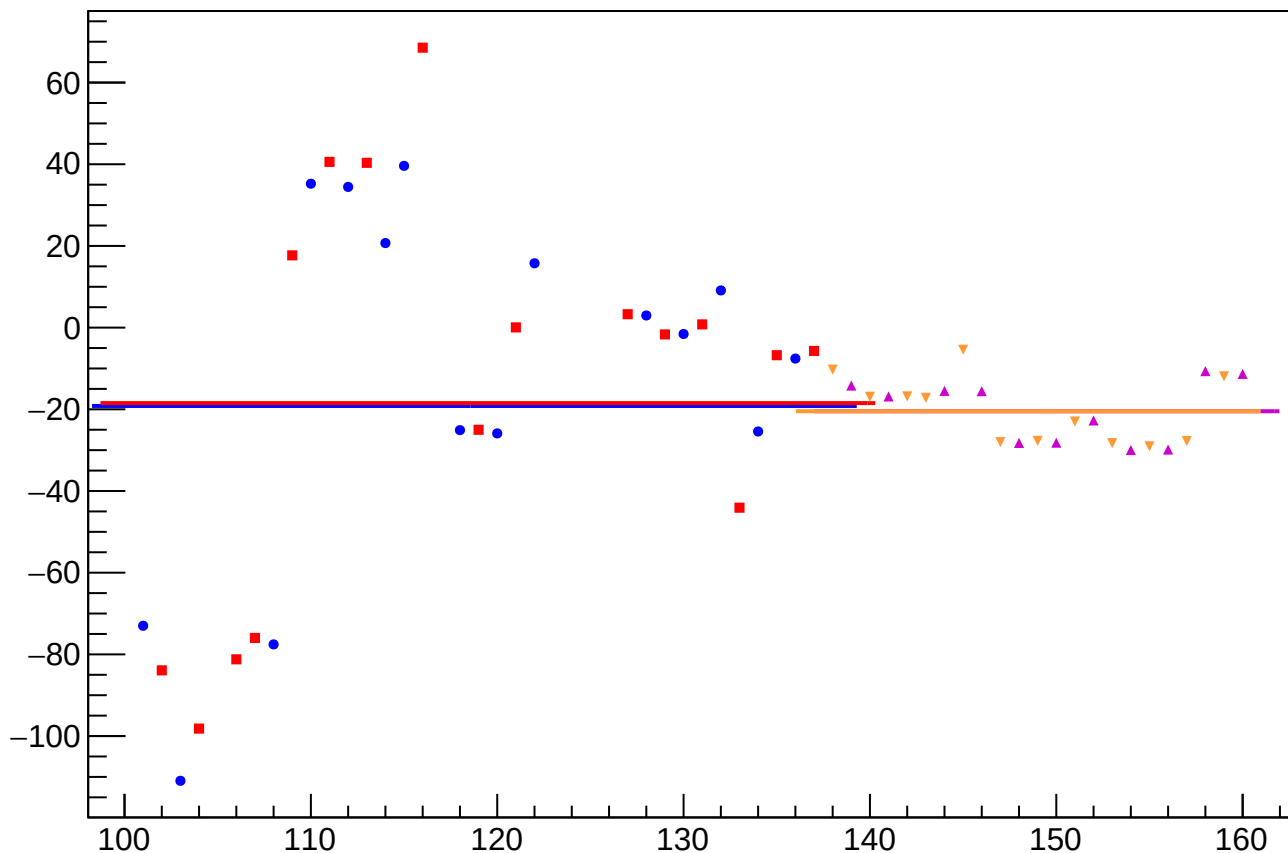
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 $\chi^2/\text{NDF}: 1246364705689764961102868160463241216.0/14$

Left Out: -20.466 ± 0.000 $\chi^2/\text{NDF}: 58628381923673457294433589512896512.0/11$

Right Out: -18.479 ± 0.000 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

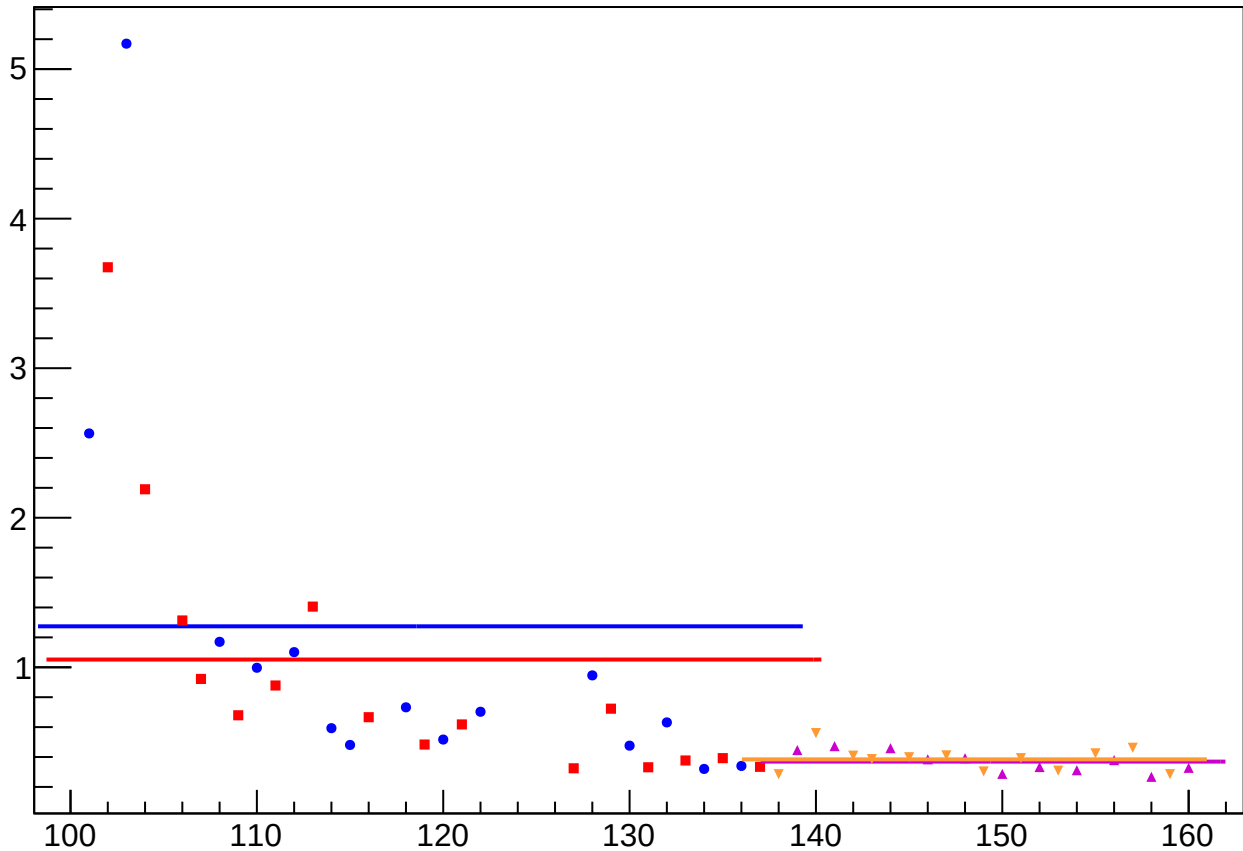
Left In: -20.473 ± 0.000 $\chi^2/\text{NDF}: 48484953363349820110348478937300992.0/10$

All: -19.782 ± 0.000 $\chi^2/\text{NDF}: 284511592850$

- sign -19.637 ± 0.000 $\chi^2/\text{NDF}: 1539423306551337$

+ sign -19.930 ± 0.000 $\chi^2/\text{NDF}: 130562508565939$

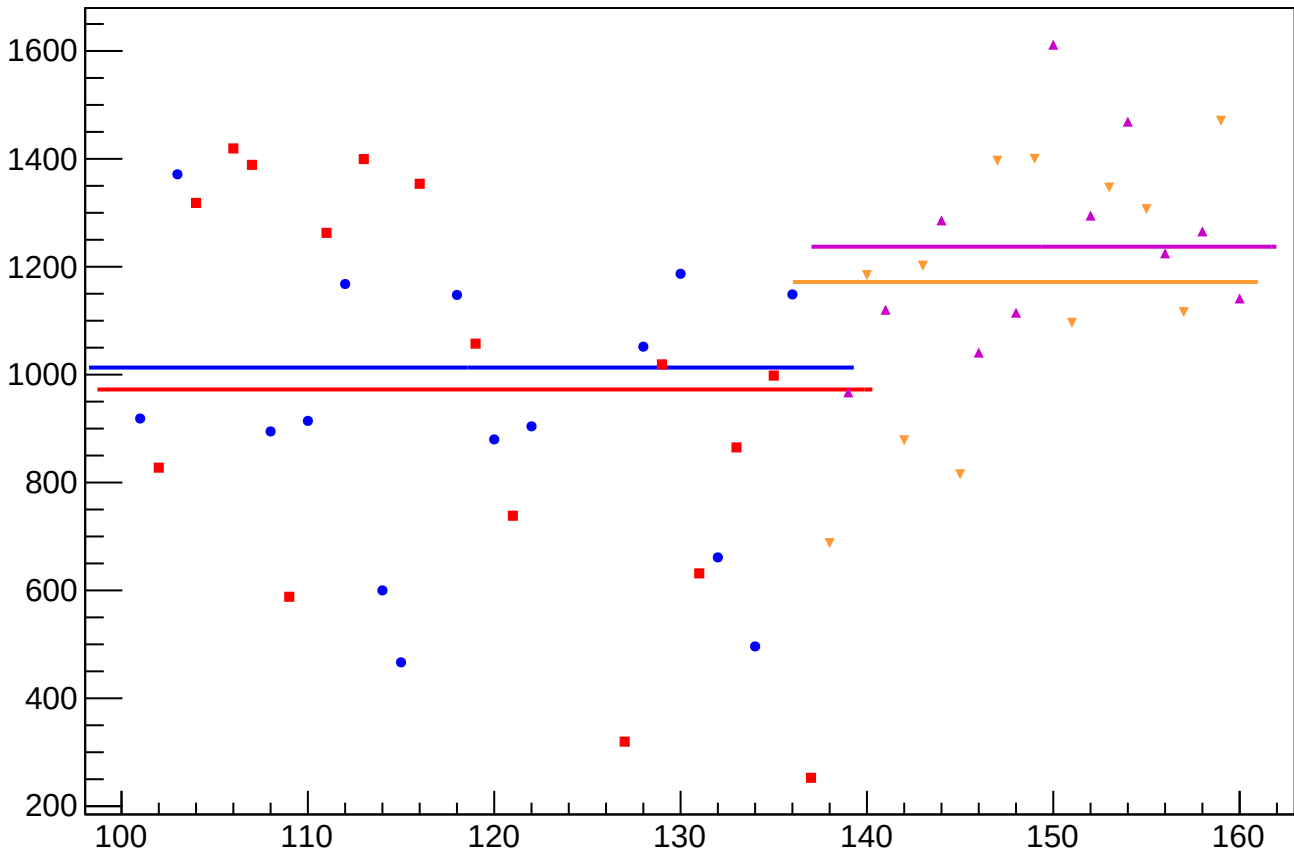
dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.384+/-0.000 χ^2/NDF : 5822322029078598268260129439744.0/11
 Right Out: 1.052+/-0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: 0.369+/-0.000 χ^2/NDF : 4166350638848138676707816112128.0/10

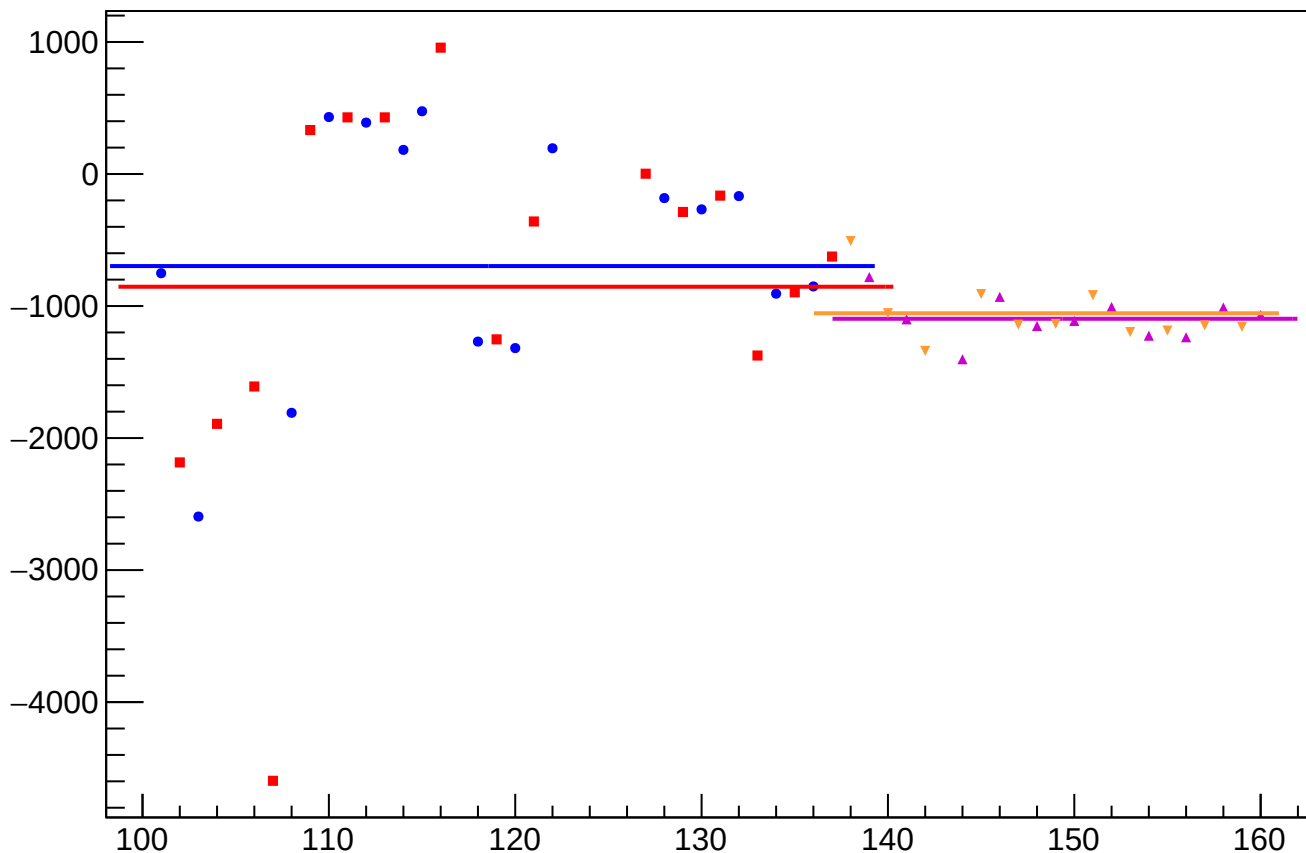
+ sign 0.754+/-0.000 χ^2/NDF : 15182280868824468
 All: 0.704+/-0.000 χ^2/NDF : 2317786361226
 - sign 0.655+/-0.000 χ^2/NDF : 79193916268828881

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807 $\pm$ 0.000 χ^2 /NDF: 52424901282098583856312492577037221888.0/11
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 $\pm$ 0.000 χ^2 /NDF: 30323445843993737164691986740223672320.0/10

dit_usl_coil6_mean vs Slug



Right In: -697.283 ± 0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14

Left Out: -1054.675 ± 0.000 χ^2/NDF : 35893414561751289831028004535805149184.0/10

Right Out: -853.734 ± 0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15

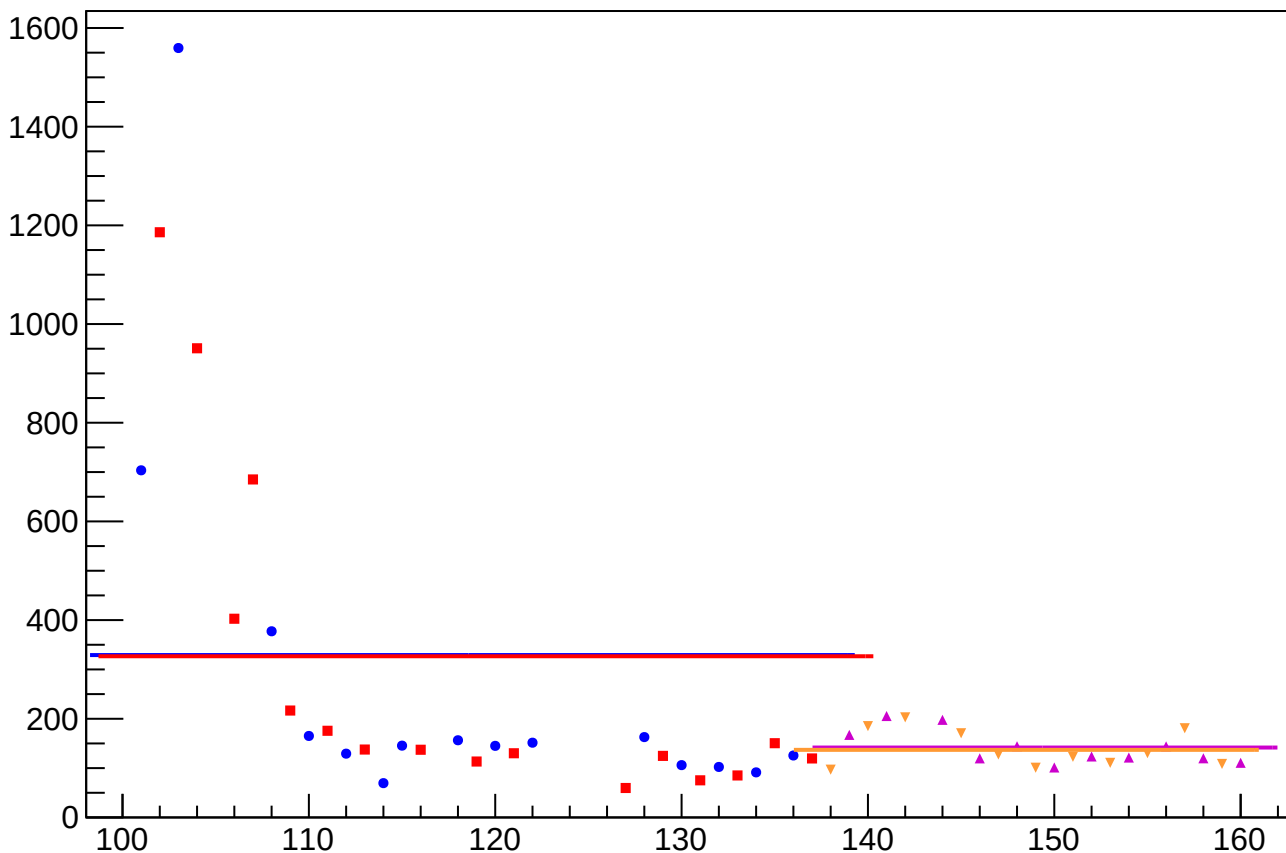
Left In: -1096.508 ± 0.000 χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ sign -899.630 ± 0.000 χ^2/NDF : 57326318903301

All: -948.643 ± 0.000 χ^2/NDF : 17048438468

- sign -994.729 ± 0.000 χ^2/NDF : 112460764695899

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-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

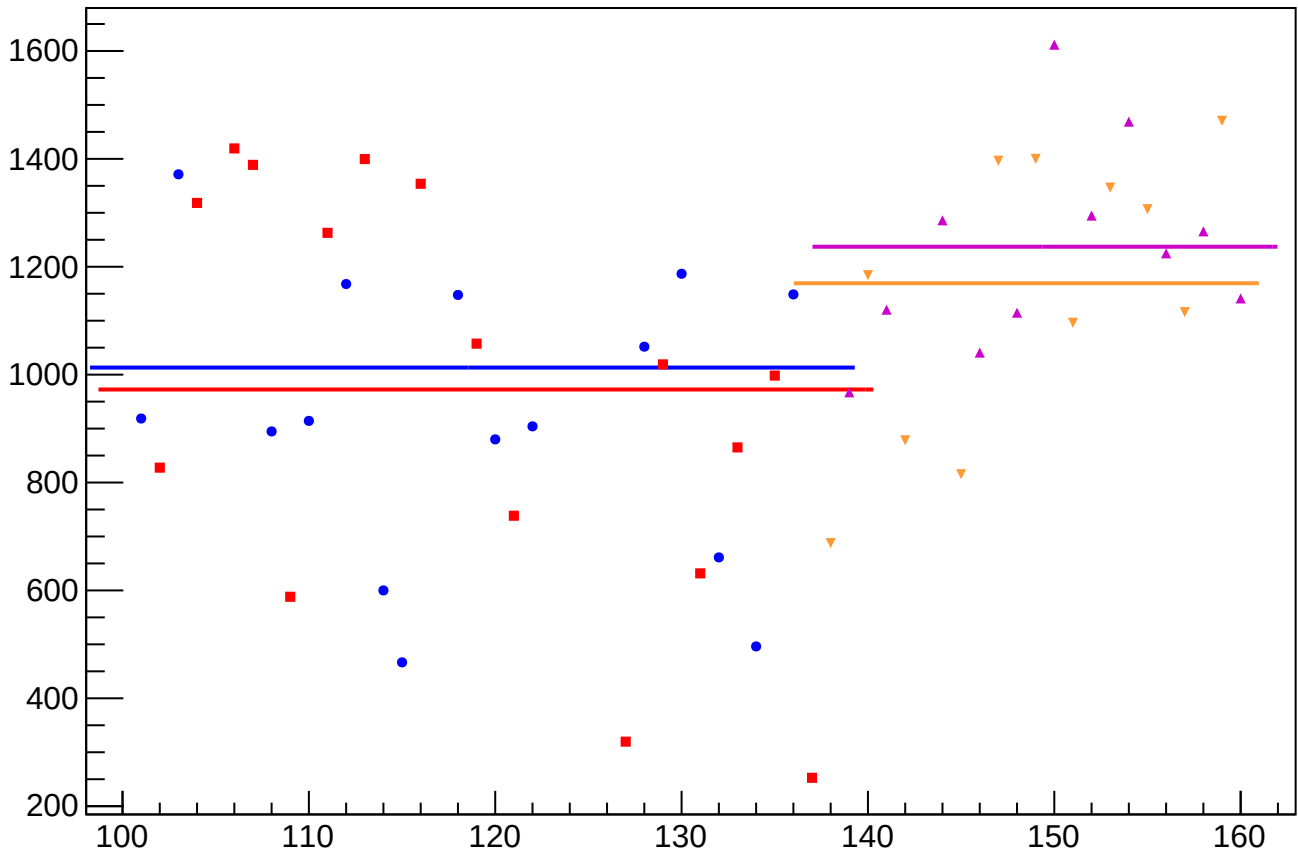
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ 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

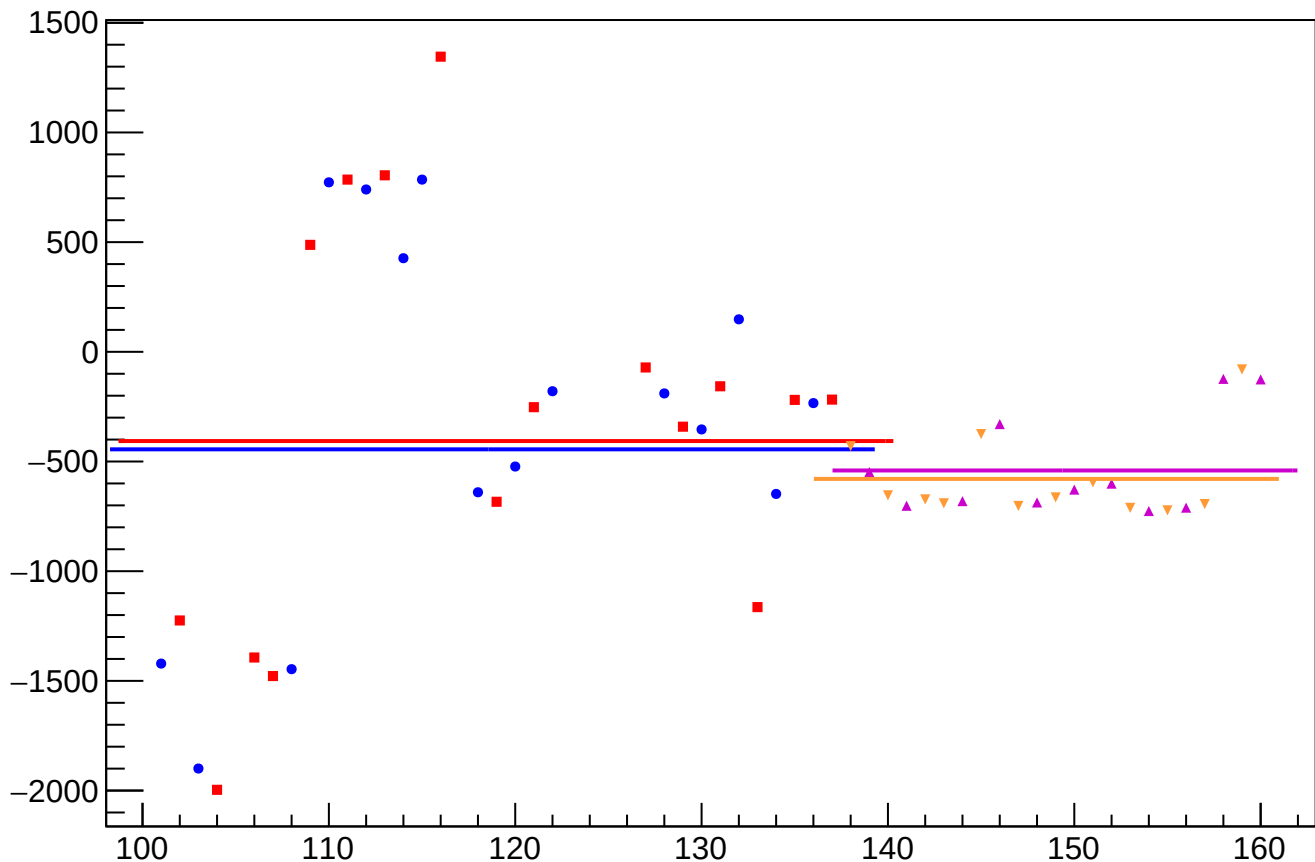
dit_usl_coil6_Ndata_mean vs Slug



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

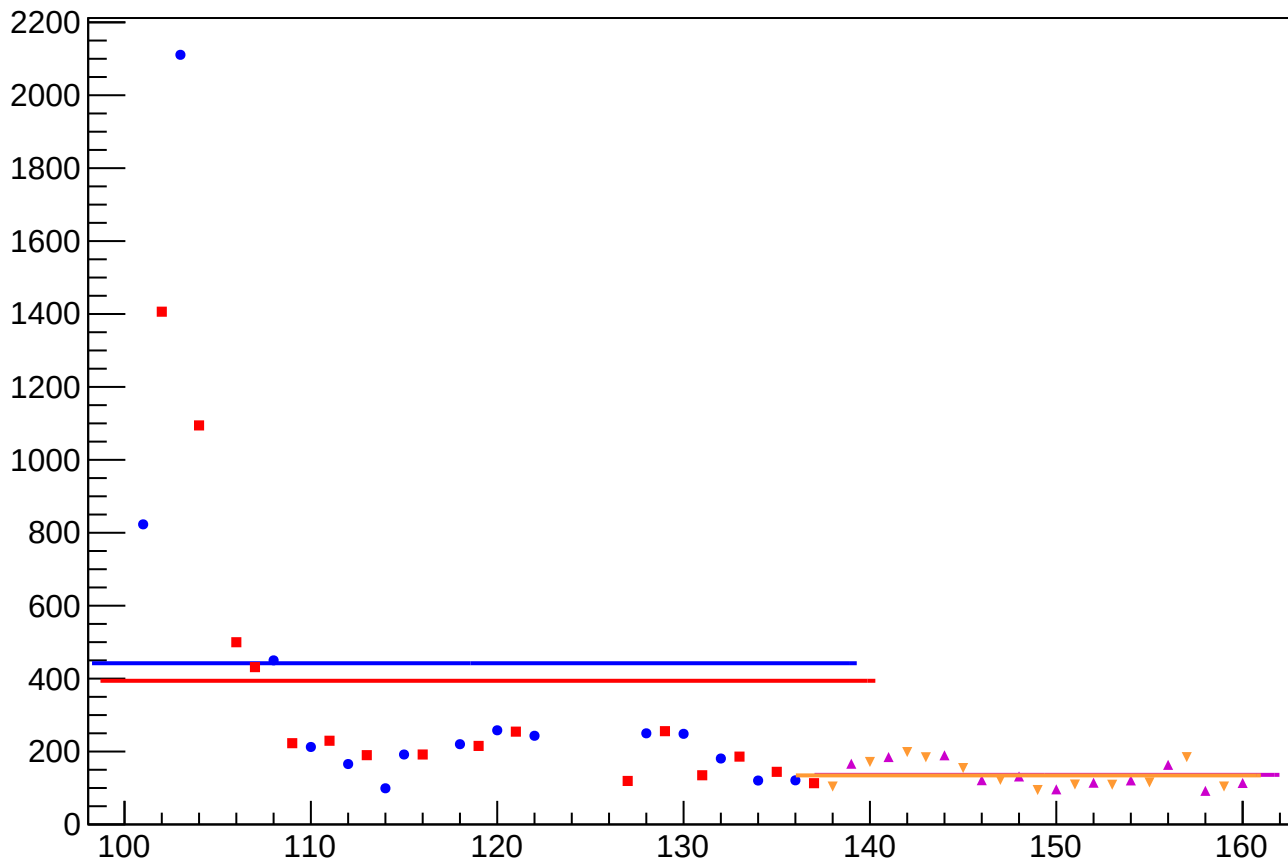
dit_usr_coil6_mean vs Slug



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 $\pm$ 0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562 $\pm$ 0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033 $\pm$ 0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

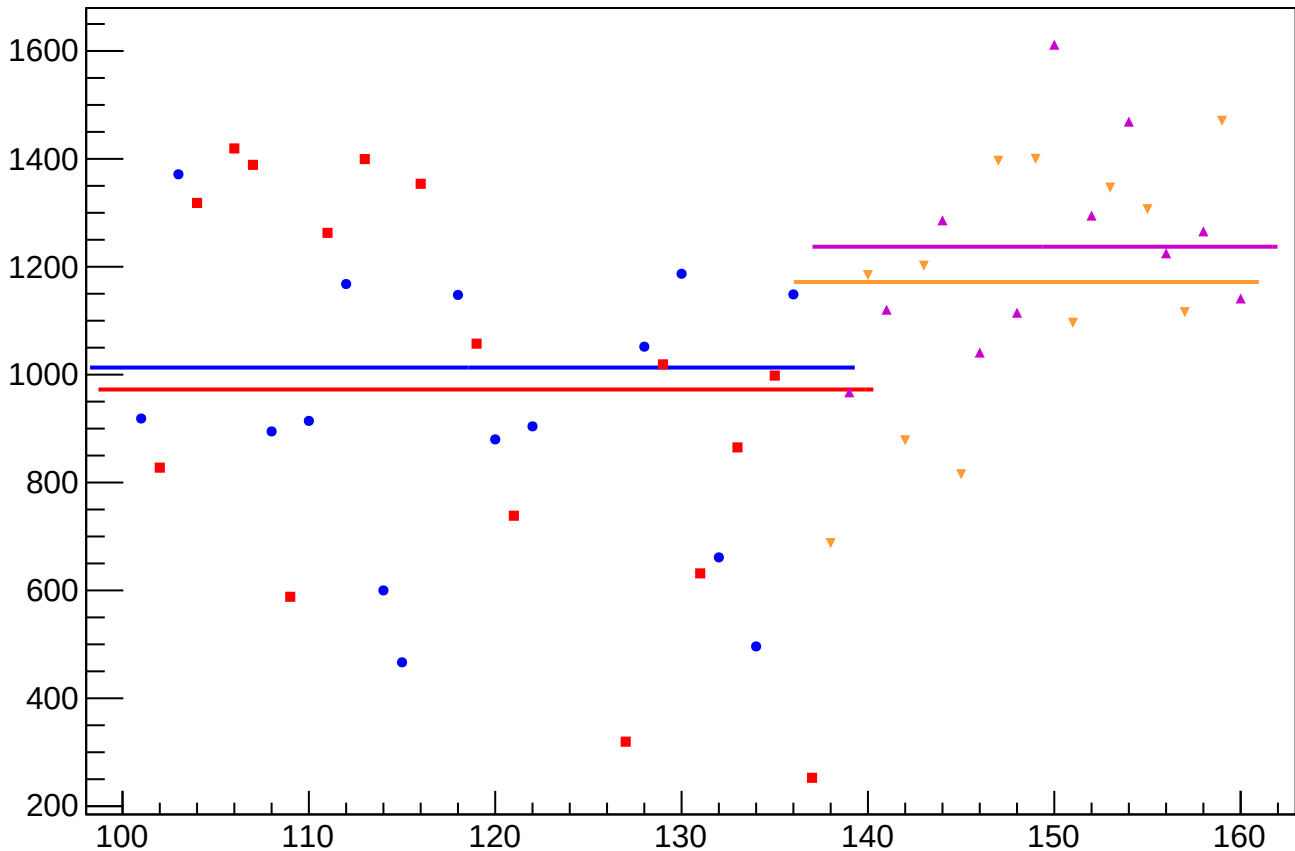
Left In: 136.040 $\pm$ 0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286 $\pm$ 0.000 χ^2/NDF : 241048188566854

All: 253.162 $\pm$ 0.000 χ^2/NDF : 37398353308

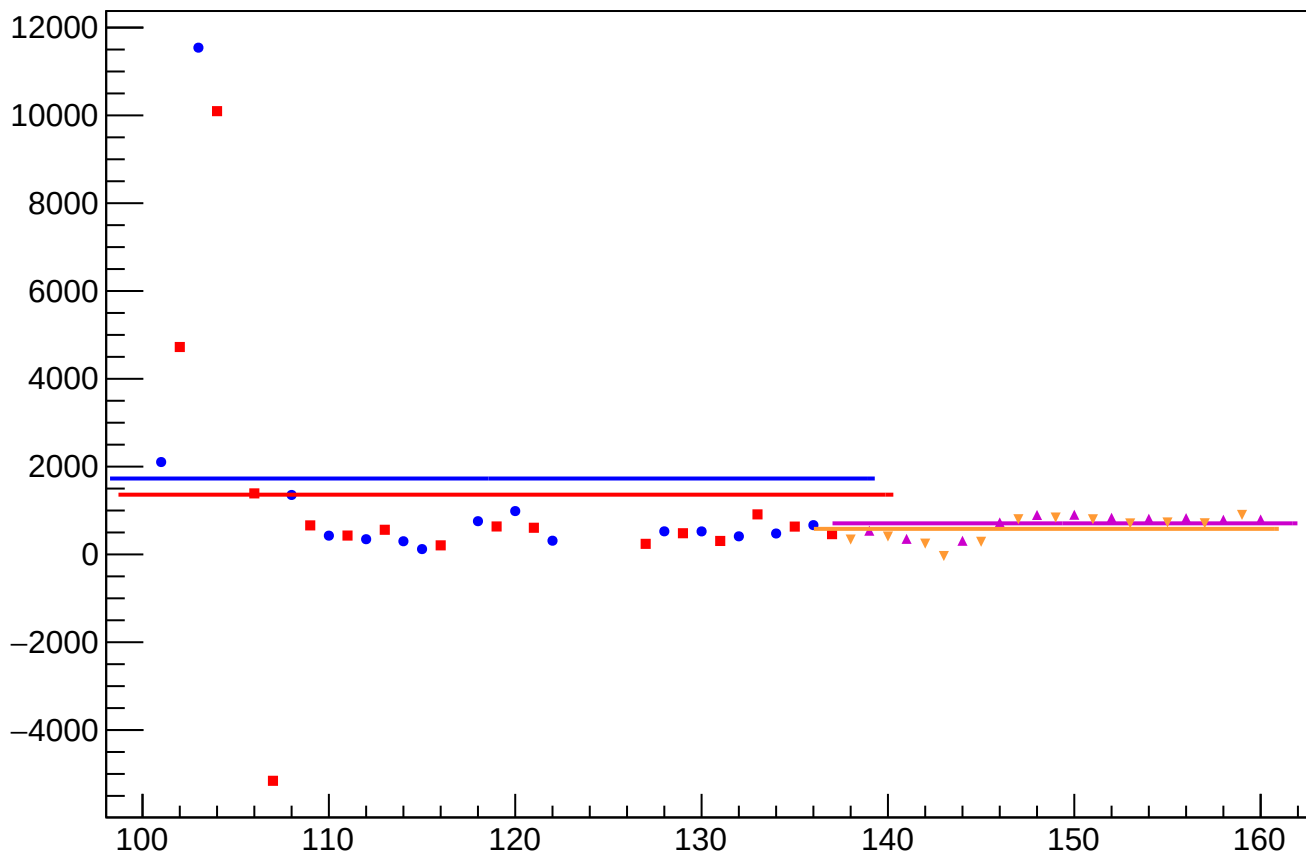
- sign 244.199 $\pm$ 0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



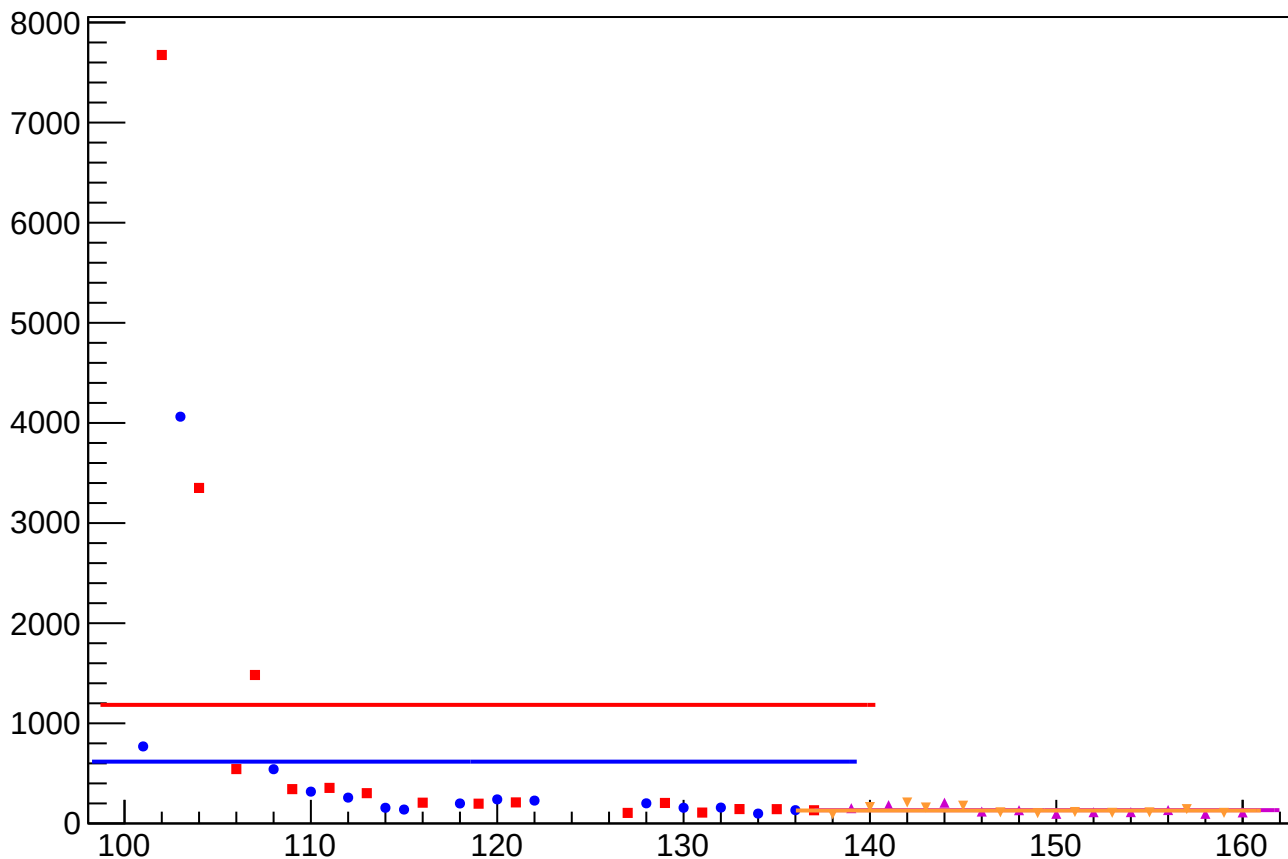
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 582.152+/-0.000 χ^2/NDF : 70083772647831486125732989768801714176.0/11
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889+/-0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10
 All: 1019.669+/-0.000 χ^2/NDF : 13621932895
 + sign 1058.360+/-0.000 χ^2/NDF : 69823808255157
 - sign 981.659+/-0.000 χ^2/NDF : 663491357929352

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

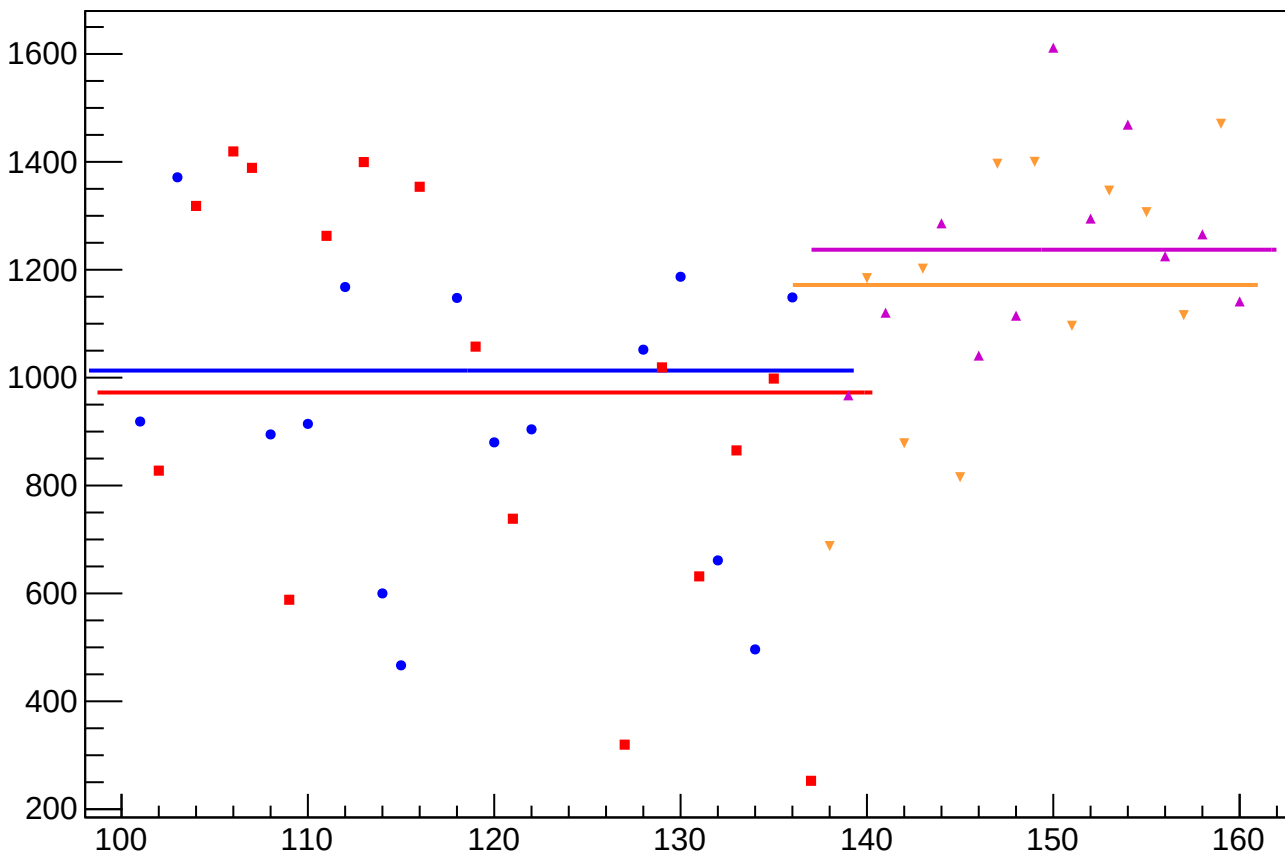
Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

All: 453.895+/-0.000 χ^2/NDF : 452656903212

- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

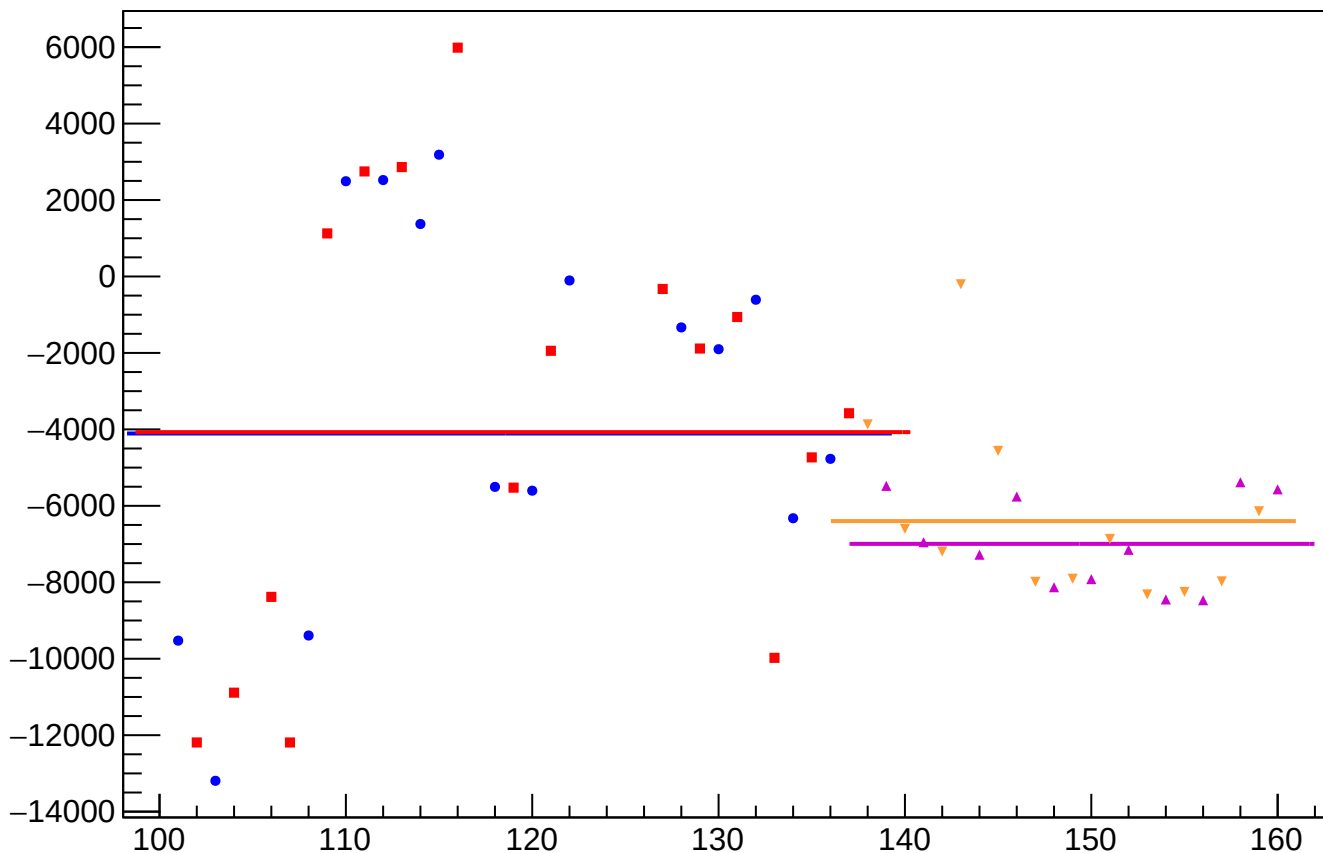
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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



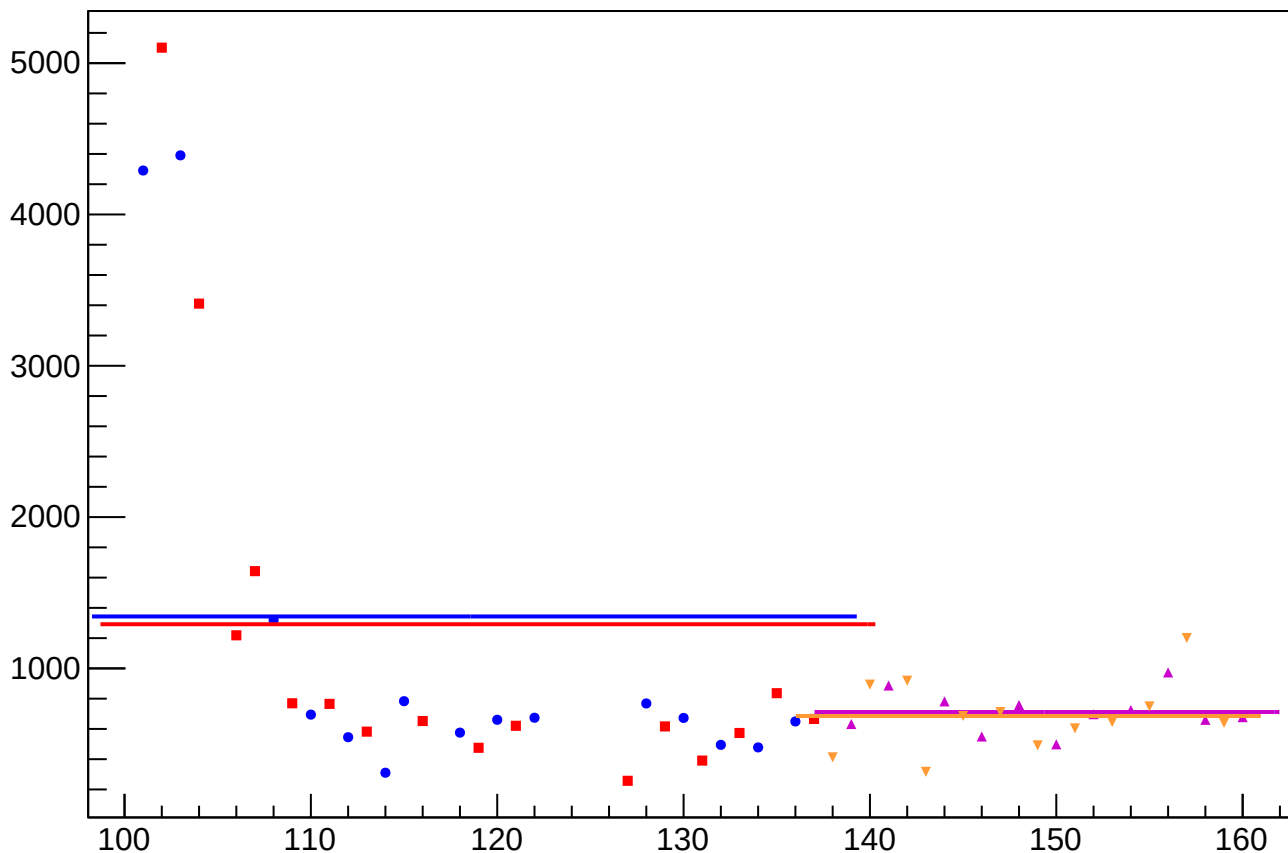
Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6398.906+/-0.000	χ^2/NDF : 4560292812943761149136938286094472970240.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

+ sign -5447.429+/-0.000 χ^2/NDF : 2108050211497

All: -5609.905+/-0.000 χ^2/NDF : 4607018672

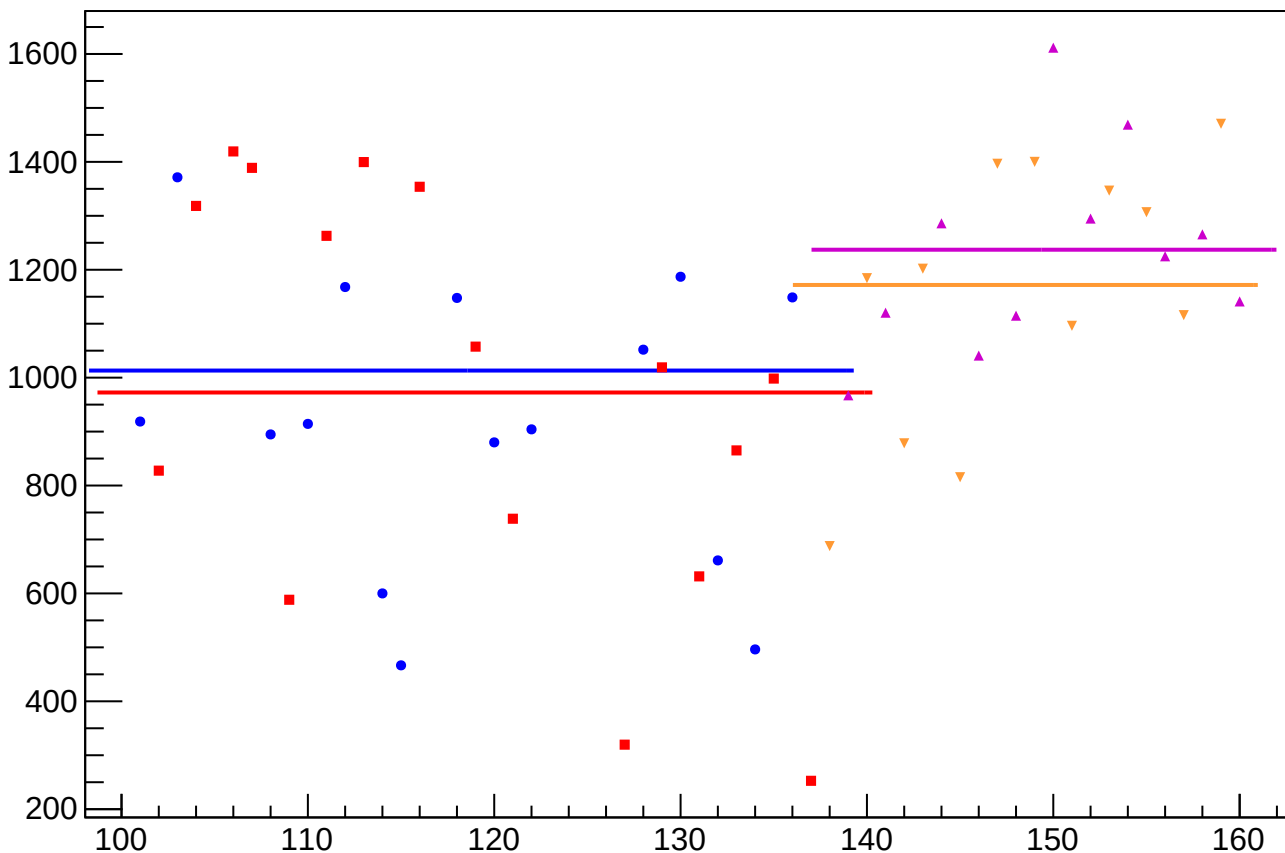
- sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

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
 All: 956.706+/-0.000 χ^2/NDF : 299793196970
 + sign 958.532+/-0.000 χ^2/NDF : 152813586967555
 - sign 954.911+/-0.000 χ^2/NDF : 146978575897924

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

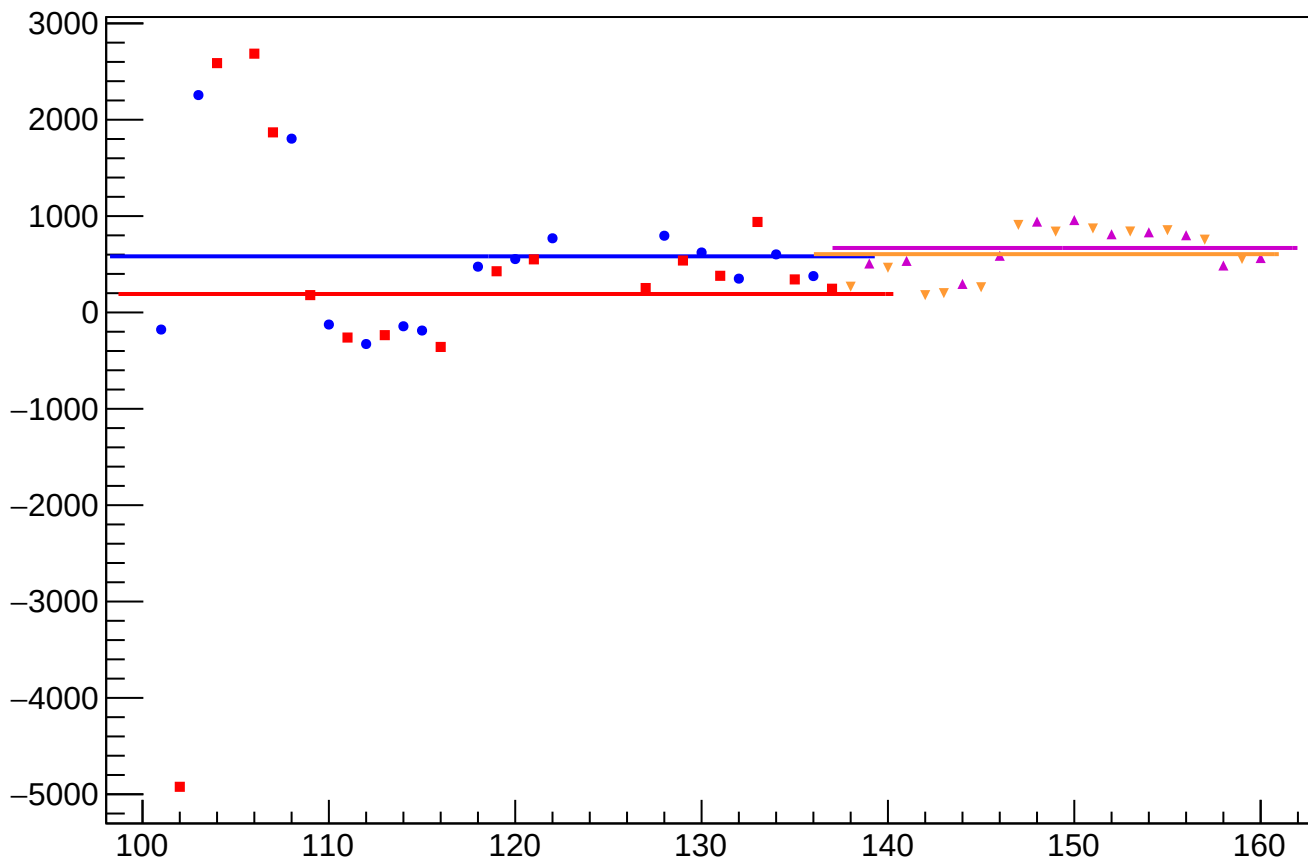
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 605.074+/-0.000 χ^2/NDF : 67912515245446196729937130882705915904.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 595.655+/-0.000 χ^2/NDF : 406904373797989

All: 531.737+/-0.000 χ^2/NDF : 271615503925

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



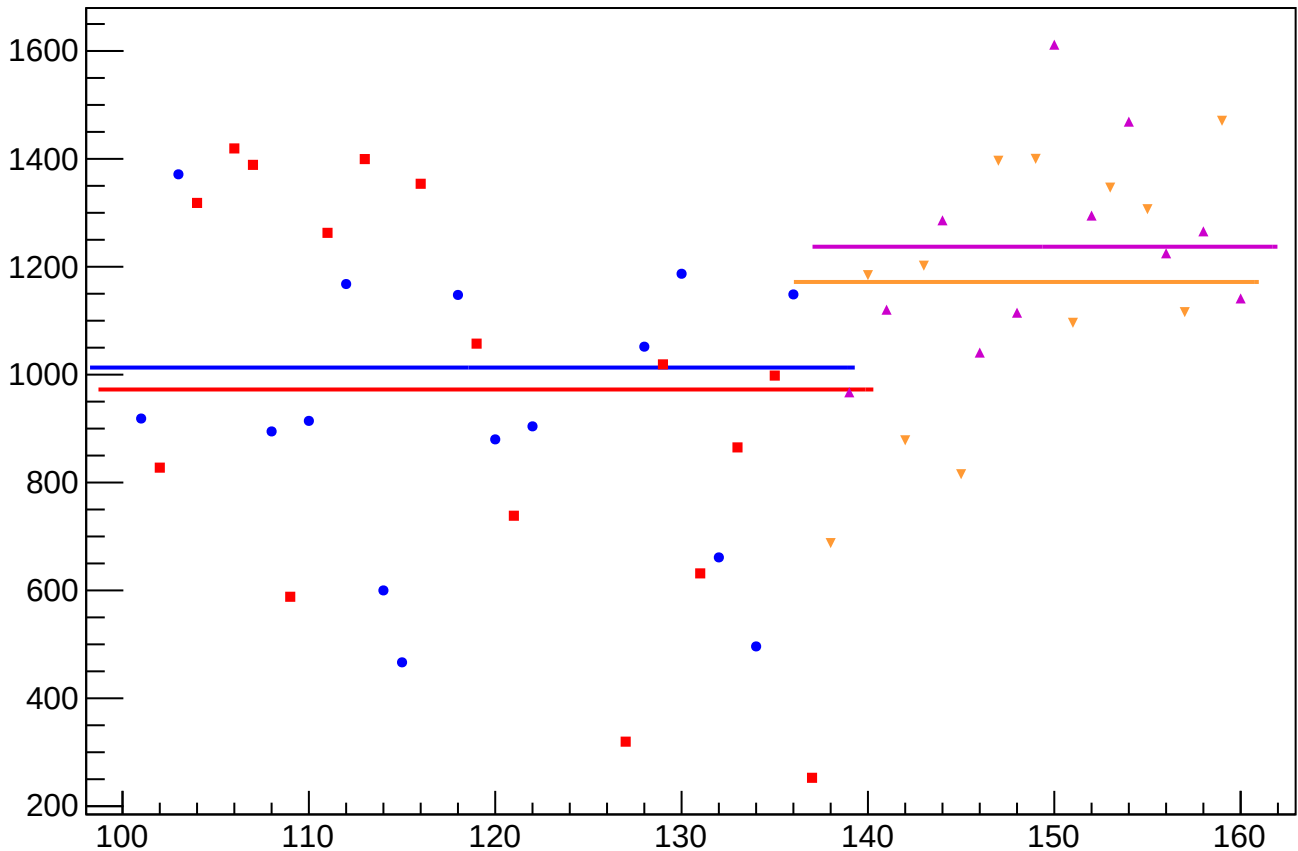
Right In: 542.328 ± 0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 142.333 ± 0.000 χ^2/NDF : 699754234994212847043453967042347008.0/11

Right Out: 853.203 ± 0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

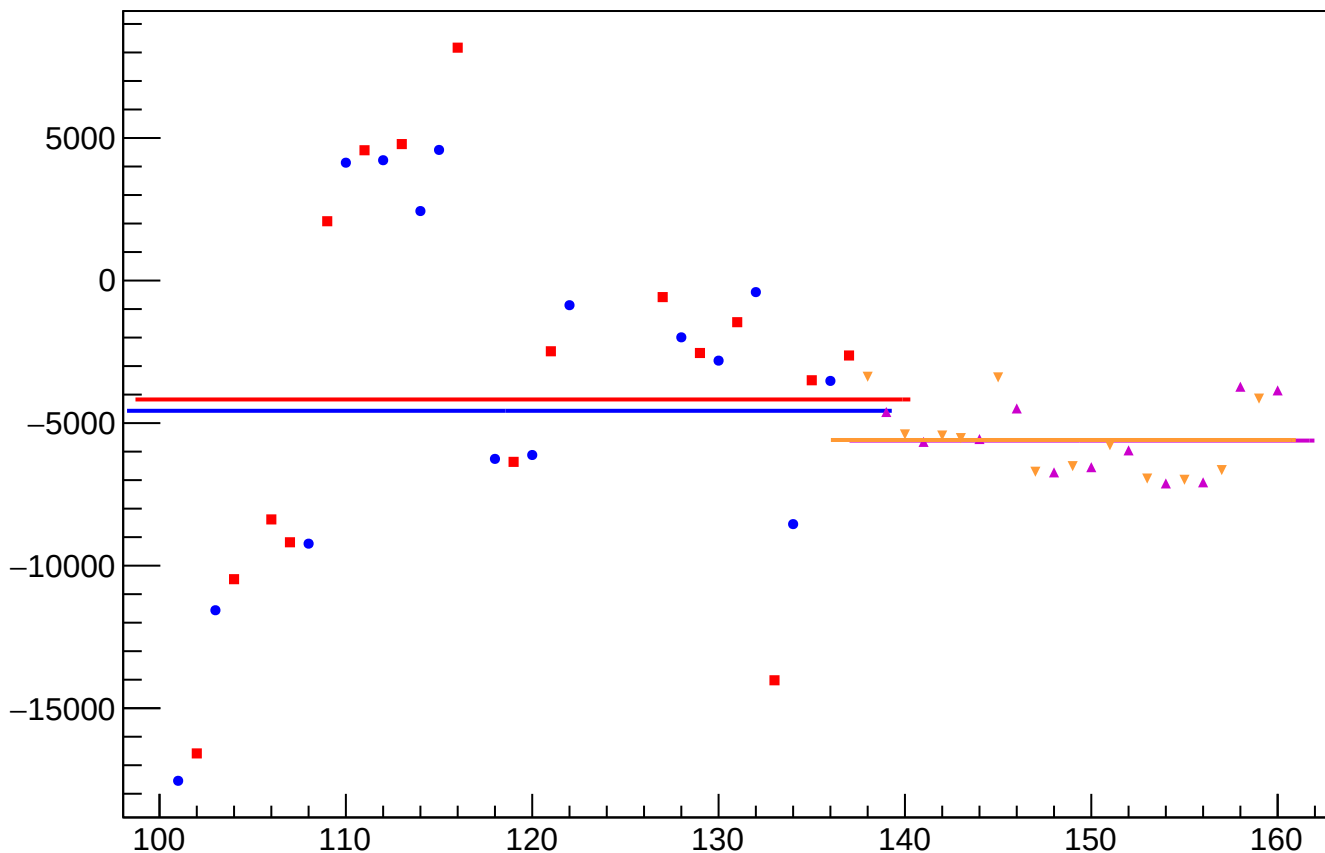
Left In: 145.502 ± 0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

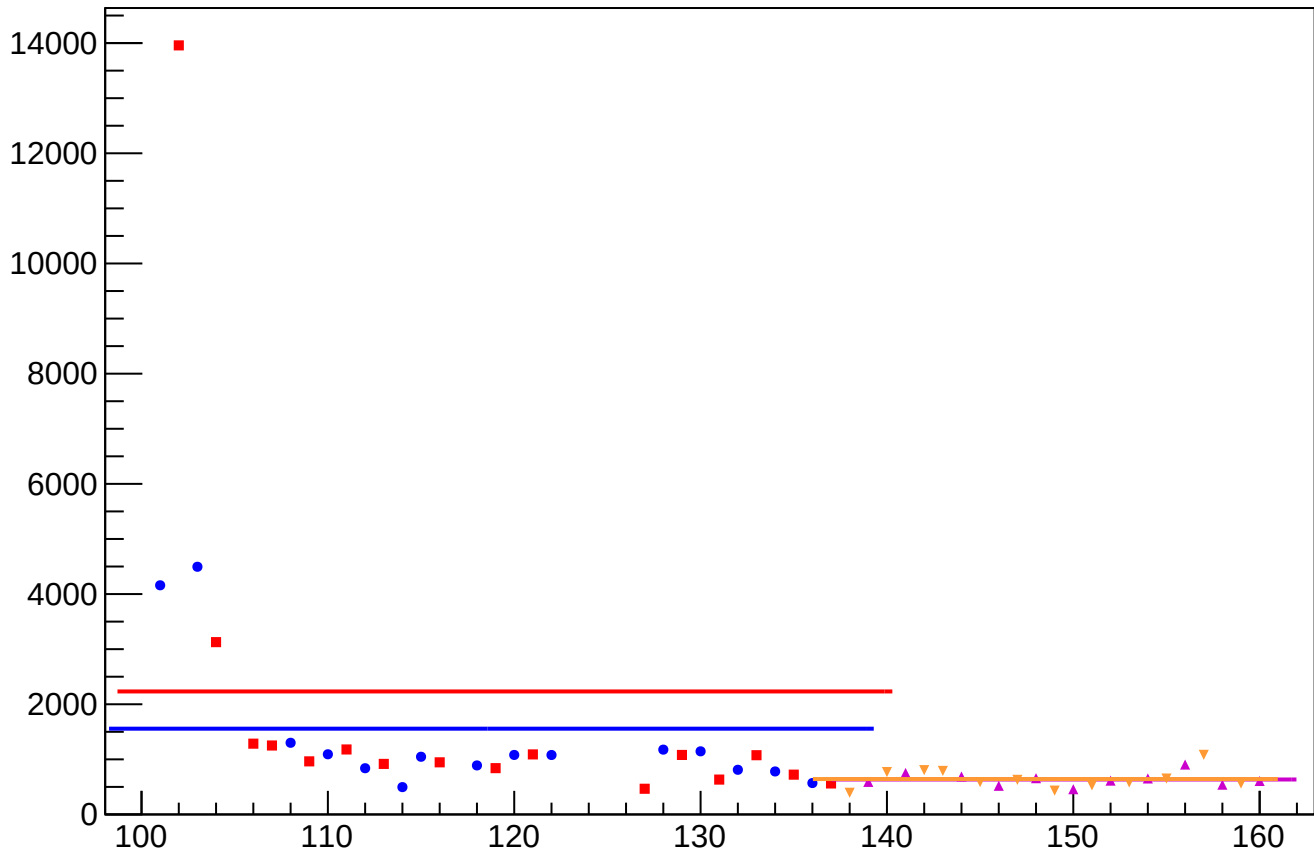
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5592.357+/-0.000	χ^2/NDF : 1502507998590915650067934753088681803776.0/11
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5613.024+/-0.000	χ^2/NDF : 1272210659936261957248133173503170969600.0/10

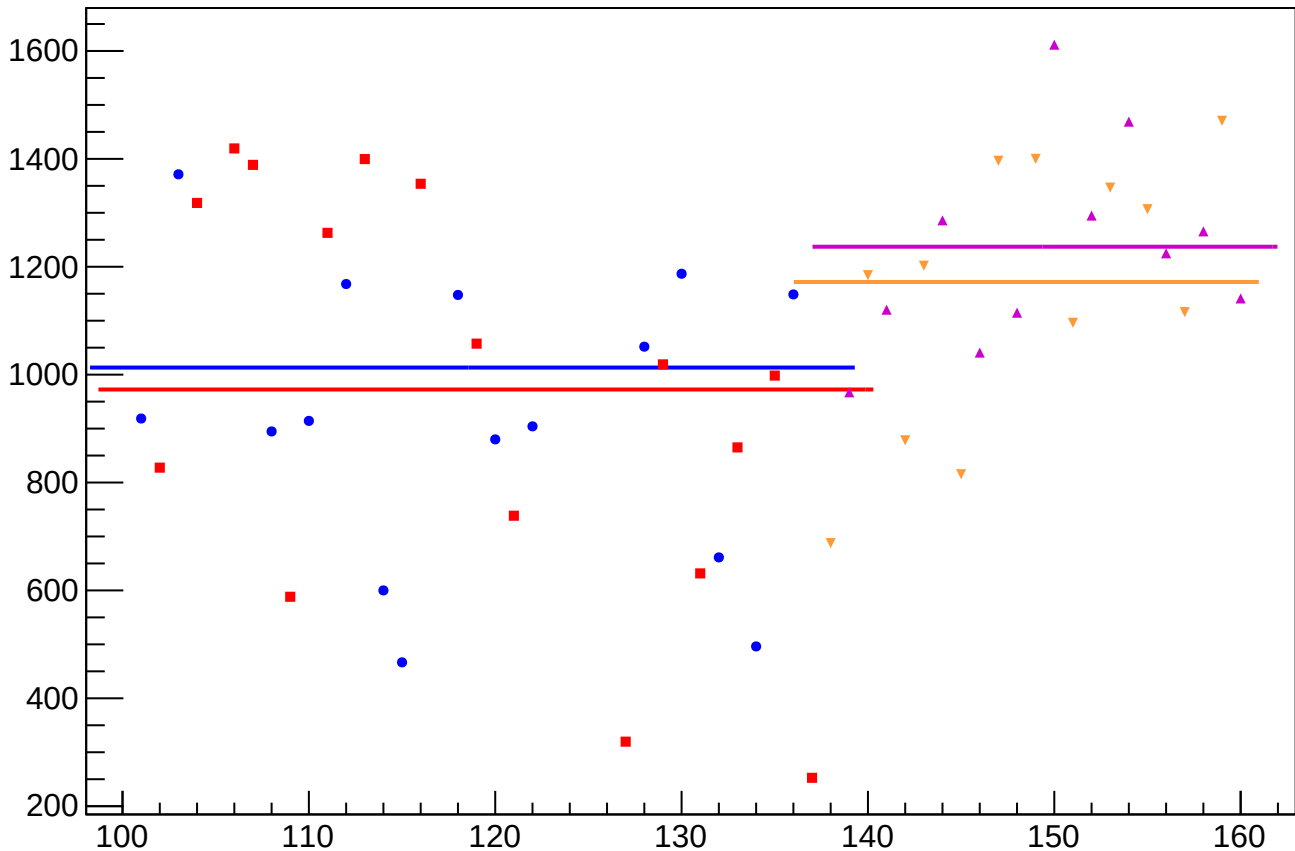
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



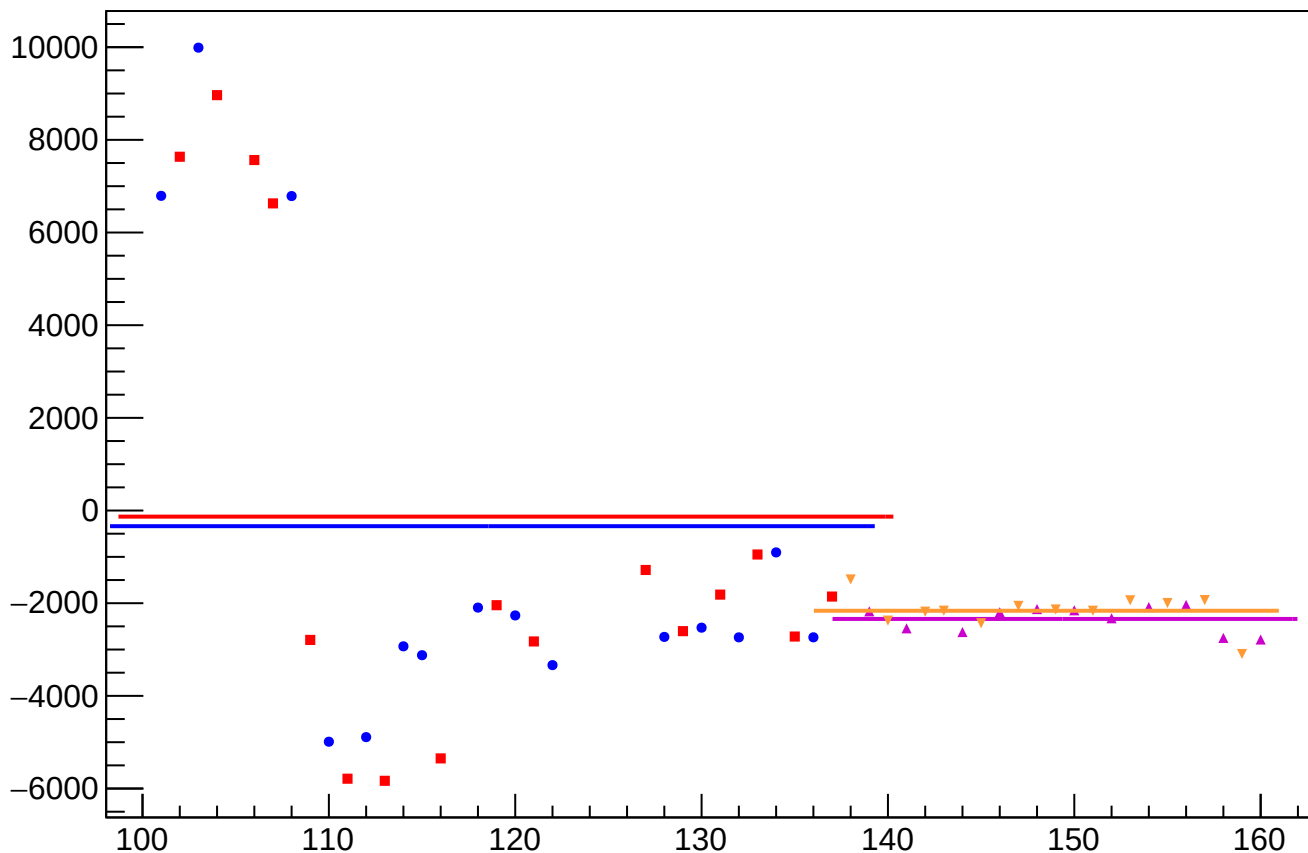
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 642.639+/-0.000 χ^2/NDF : 29931346030134316080818937490076336128.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10

dit_atr2_coil6_Ndata_mean vs Slug



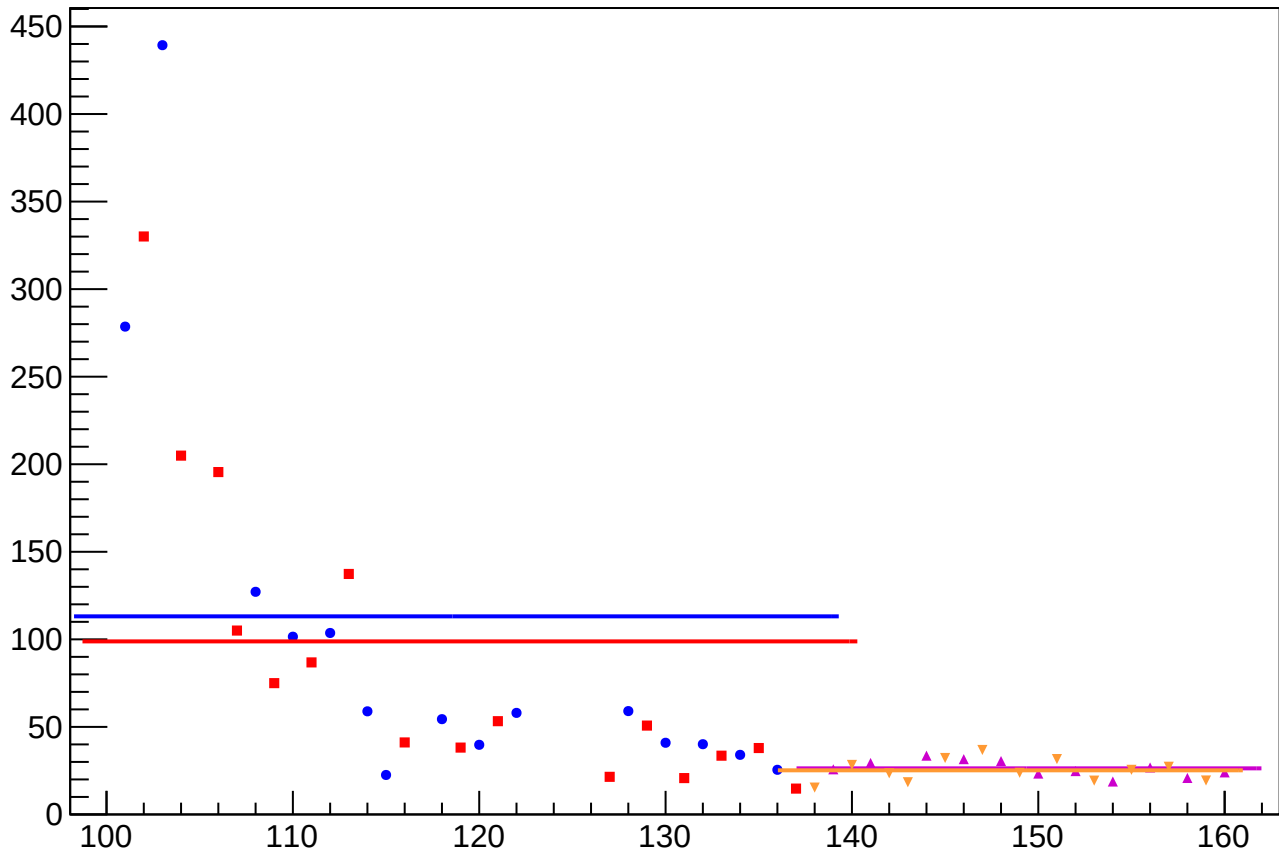
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- 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



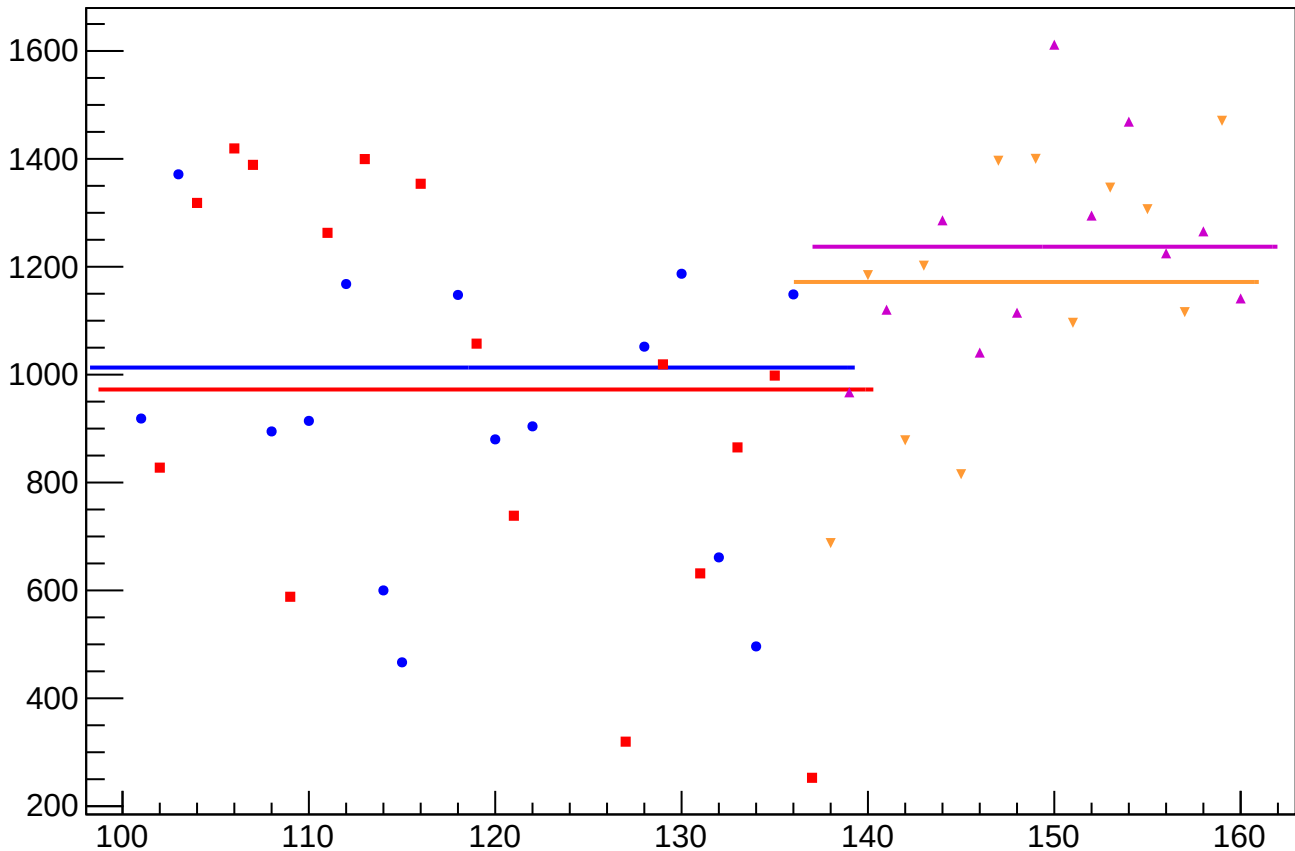
Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$
 Left Out: -2162.857 ± 0.000 $\chi^2/\text{NDF}: 126332275232930257638482620391759020032.0/11$
 Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$
 Left In: -2339.639 ± 0.000 $\chi^2/\text{NDF}: 62860144247456957543810906284181422080.0/10$
 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



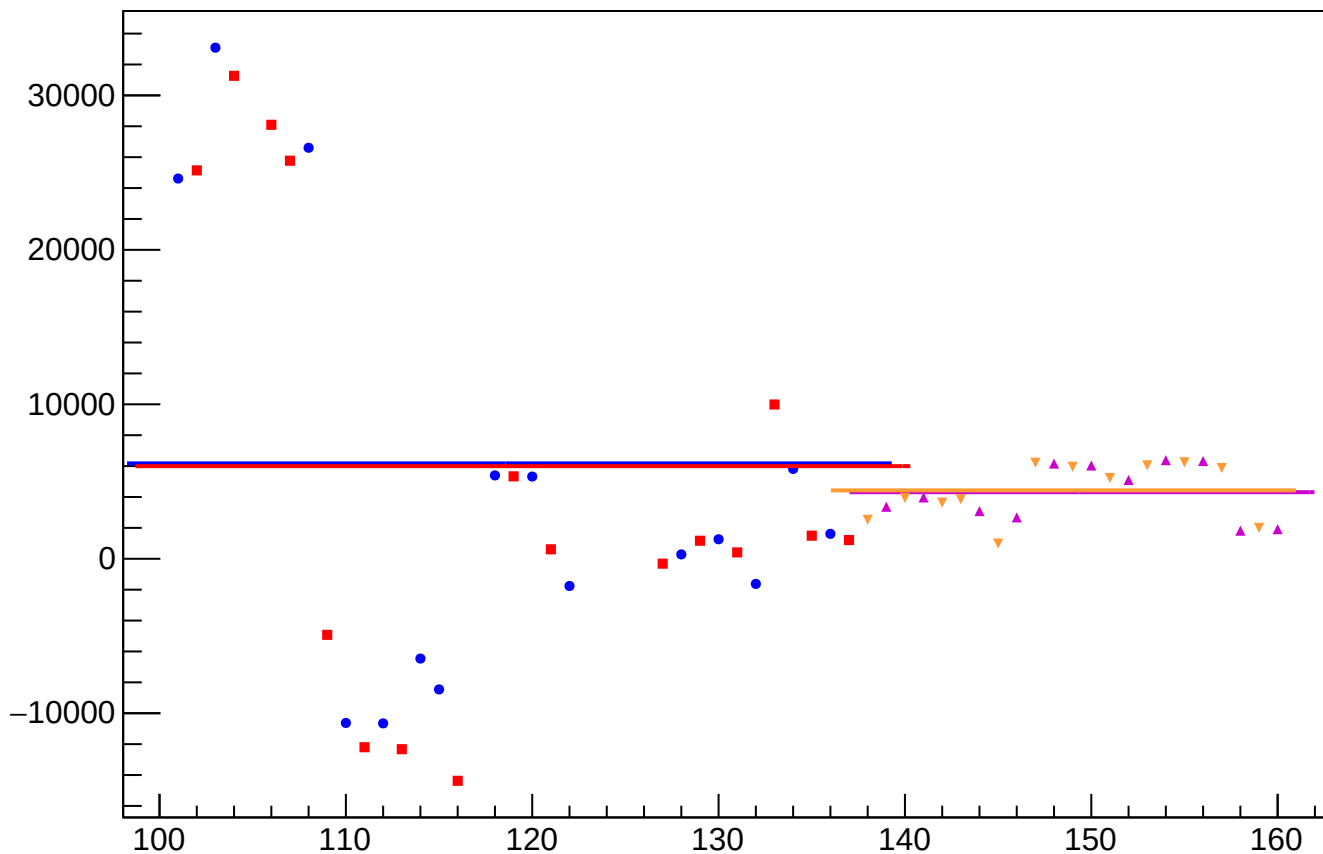
Right In: 113.134 $\pm$ 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.204 $\pm$ 0.000 χ^2/NDF : 35340998729966912863138320392126464.0/11
 Right Out: 98.833 $\pm$ 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: 26.331 $\pm$ 0.000 χ^2/NDF : 18142873408814573481950758043648000.0/10
 All: 59.198 $\pm$ 0.000 χ^2/NDF : 2054365518369
 + sign 61.715 $\pm$ 0.000 χ^2/NDF : 1295926094815427
 - sign 56.726 $\pm$ 0.000 χ^2/NDF : 7564771732797838

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

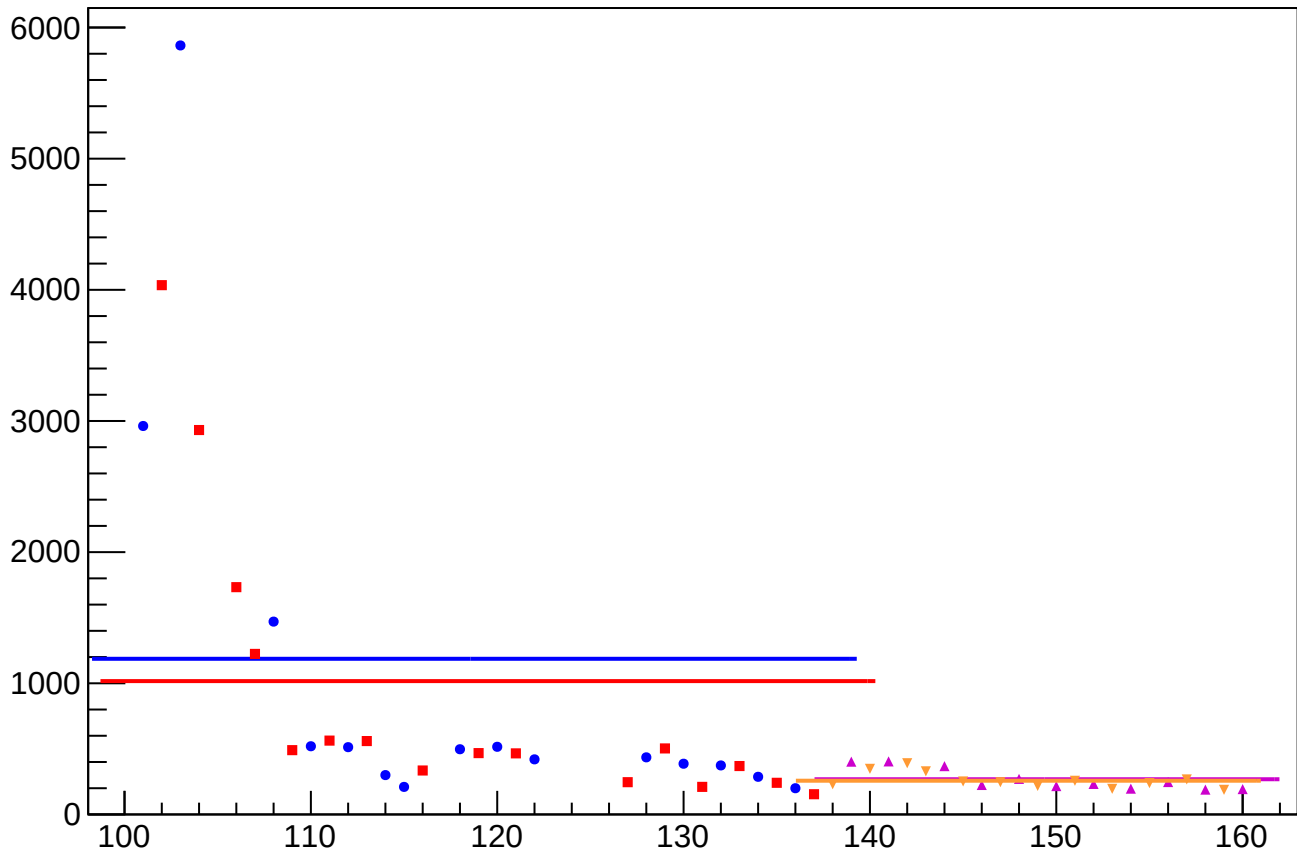
dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000	χ^2/NDF : 117260877162921223967478349050708452442112.0/14
Left Out: 4428.101+/-0.000	χ^2/NDF : 2900138976874387724183278190835470958592.0/11
Right Out: 5996.727+/-0.000	χ^2/NDF : 137057710785025136543407710107916356812800.0/15
Left In: 4310.541+/-0.000	χ^2/NDF : 2687248811790643780000086030830396243968.0/10

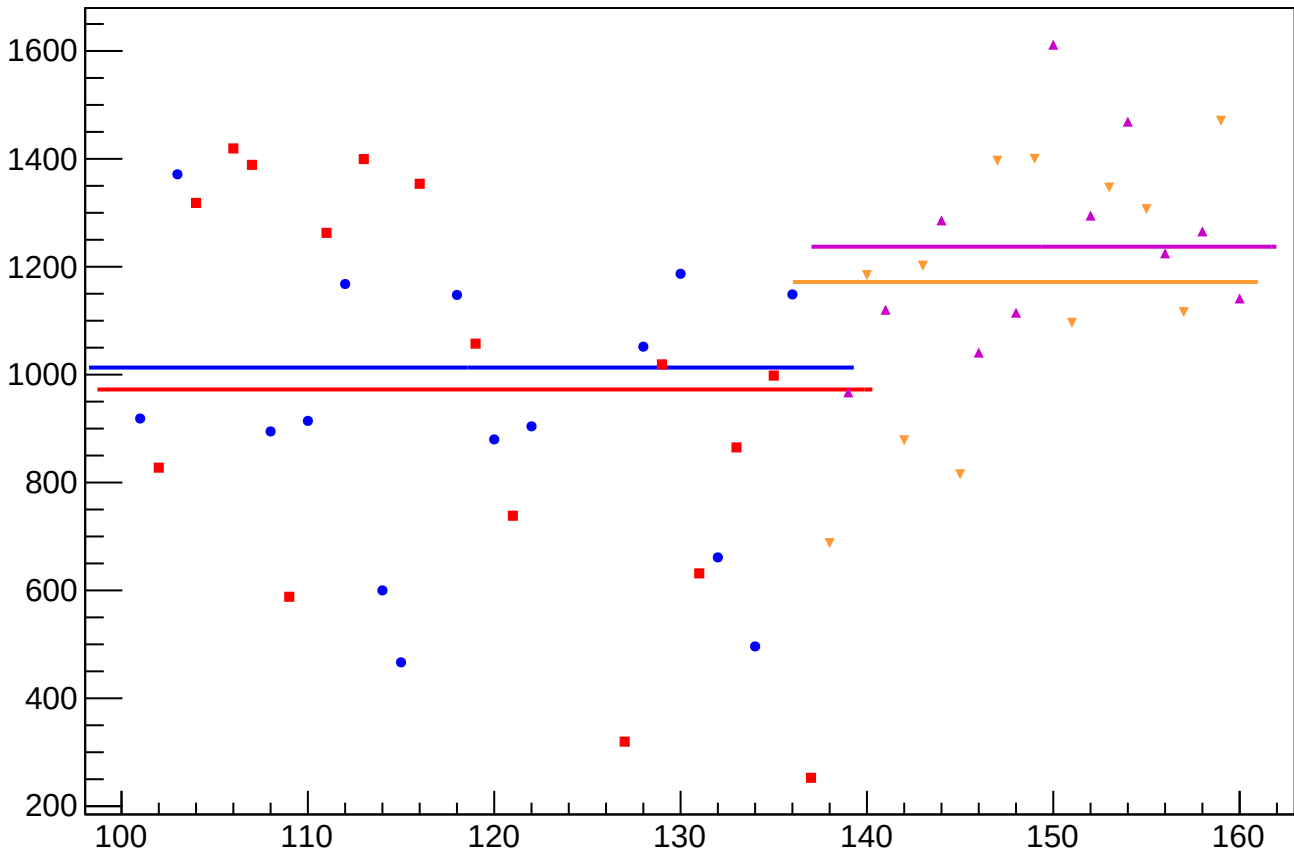
+ sign 5153.665+/-0.000 χ^2/NDF : 12131982747999
 All: 5084.951+/-0.000 χ^2/NDF : 26218080052
 - sign 5017.446+/-0.000 χ^2/NDF : 14084634301440

dit_sam2_coil6_err_mean vs Slug



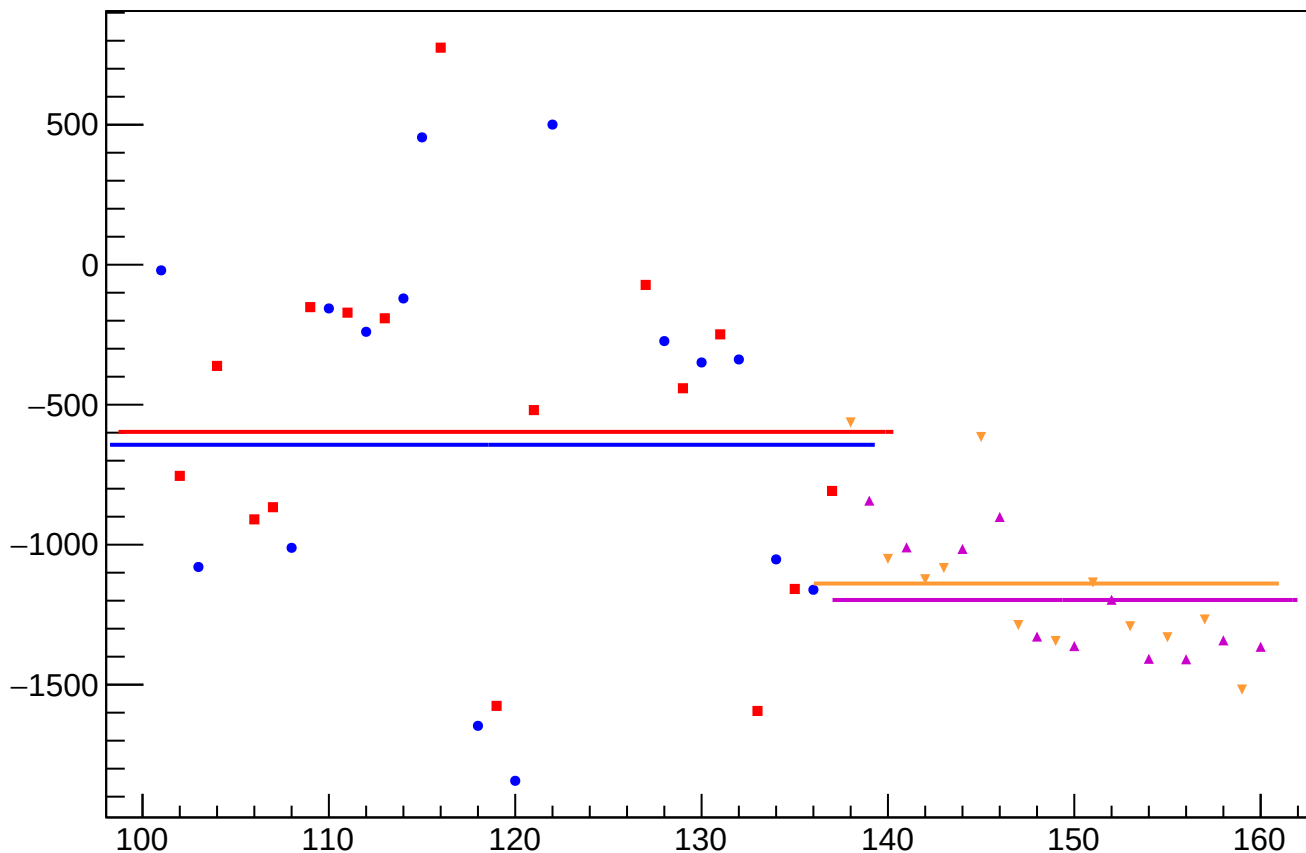
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 All: 612.442 $\pm$ 0.000 χ^2 /NDF: 328051716192
 + sign 643.246 $\pm$ 0.000 χ^2 /NDF: 212720083388662
 - sign 582.179 $\pm$ 0.000 χ^2 /NDF: 115037612749111

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1138.759+/-0.000 χ^2/NDF : 71006185953424254270590791718170263552.0/11

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

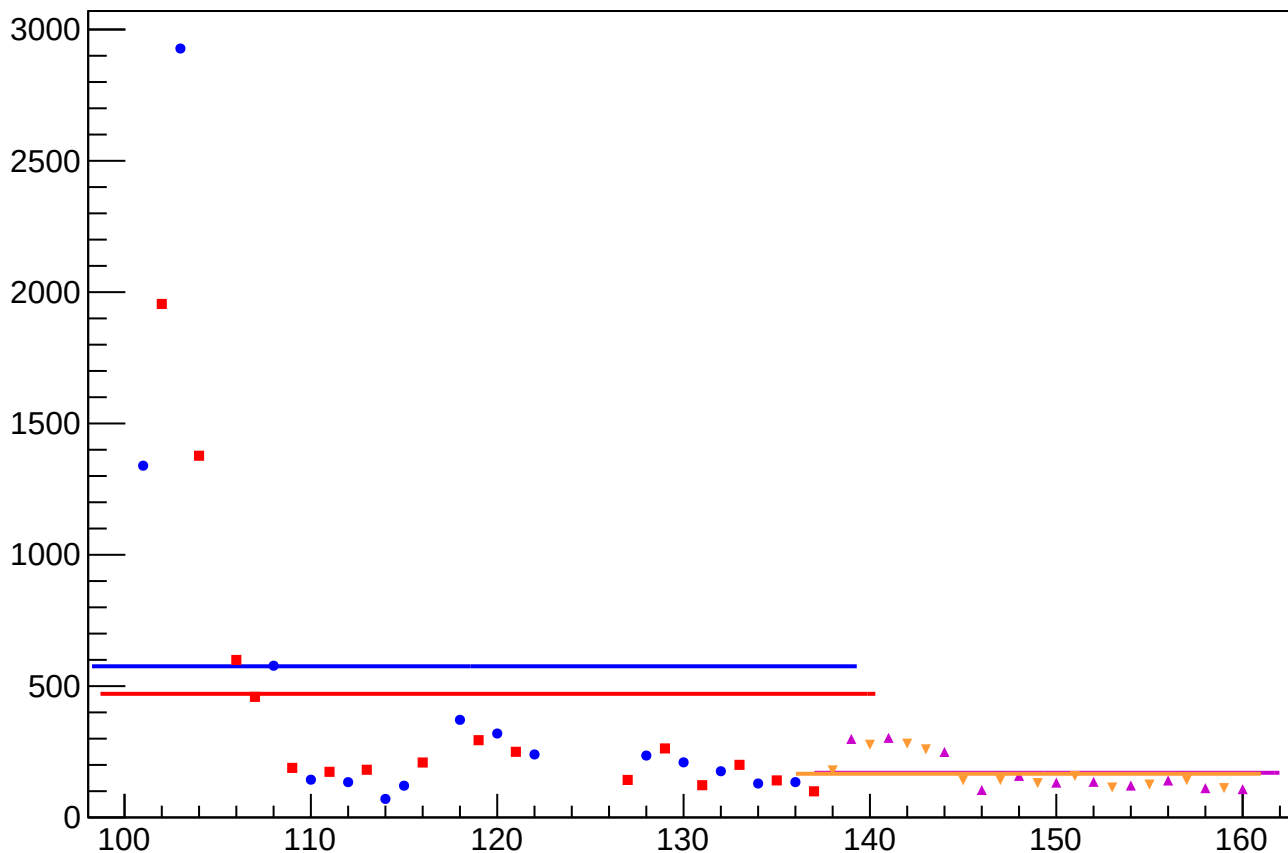
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ sign -932.996+/-0.000 χ^2/NDF : 43692805722802

All: -939.440+/-0.000 χ^2/NDF : 82608252499

- sign -945.770+/-0.000 χ^2/NDF : 389025821558760

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

+ sign 336.257+/-0.000 χ^2/NDF : 499270475269907

Left Out: 166.360+/-0.000 χ^2/NDF : 3052716209295405049807129095543193600.0/11

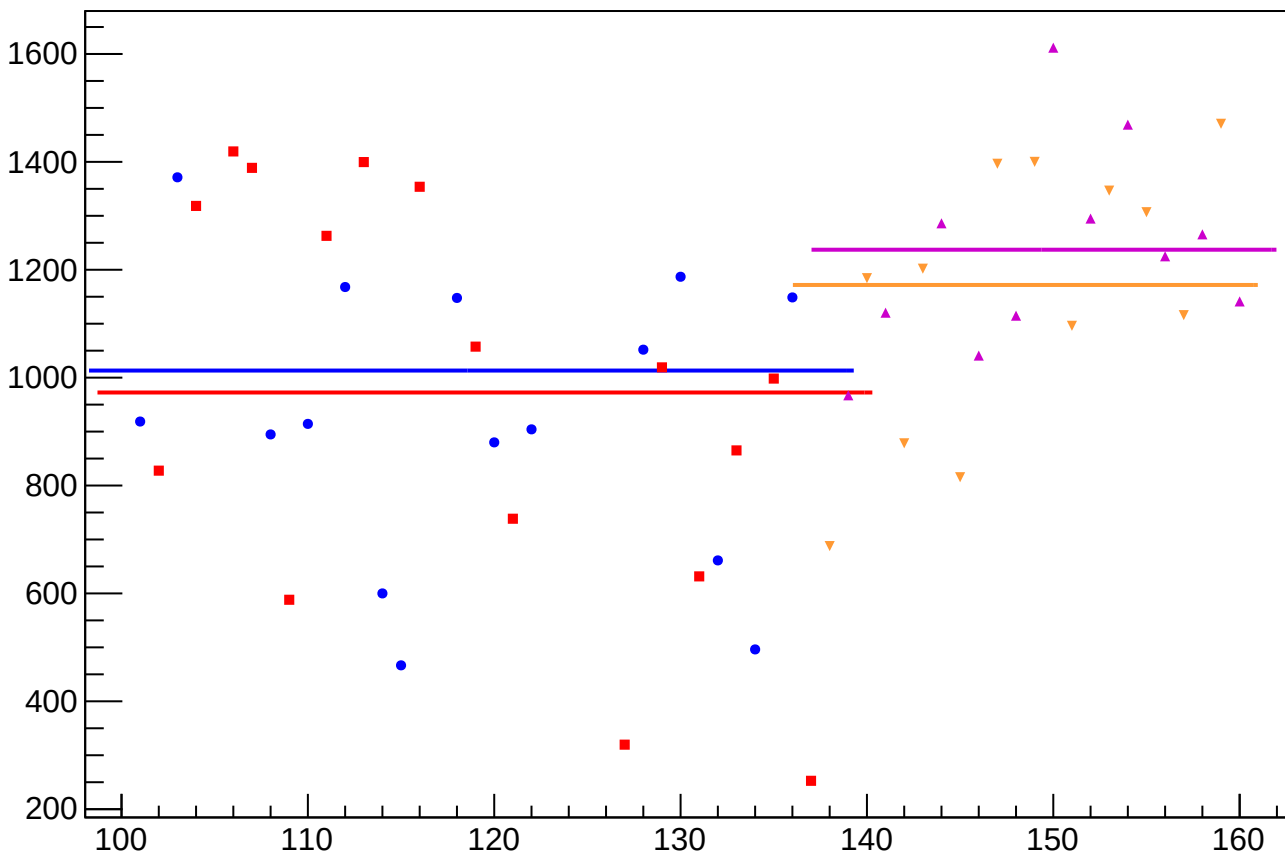
All: 316.009+/-0.000 χ^2/NDF : 749713374727

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

- sign 296.118+/-0.000 χ^2/NDF : 249172631287531

Left In: 170.082+/-0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

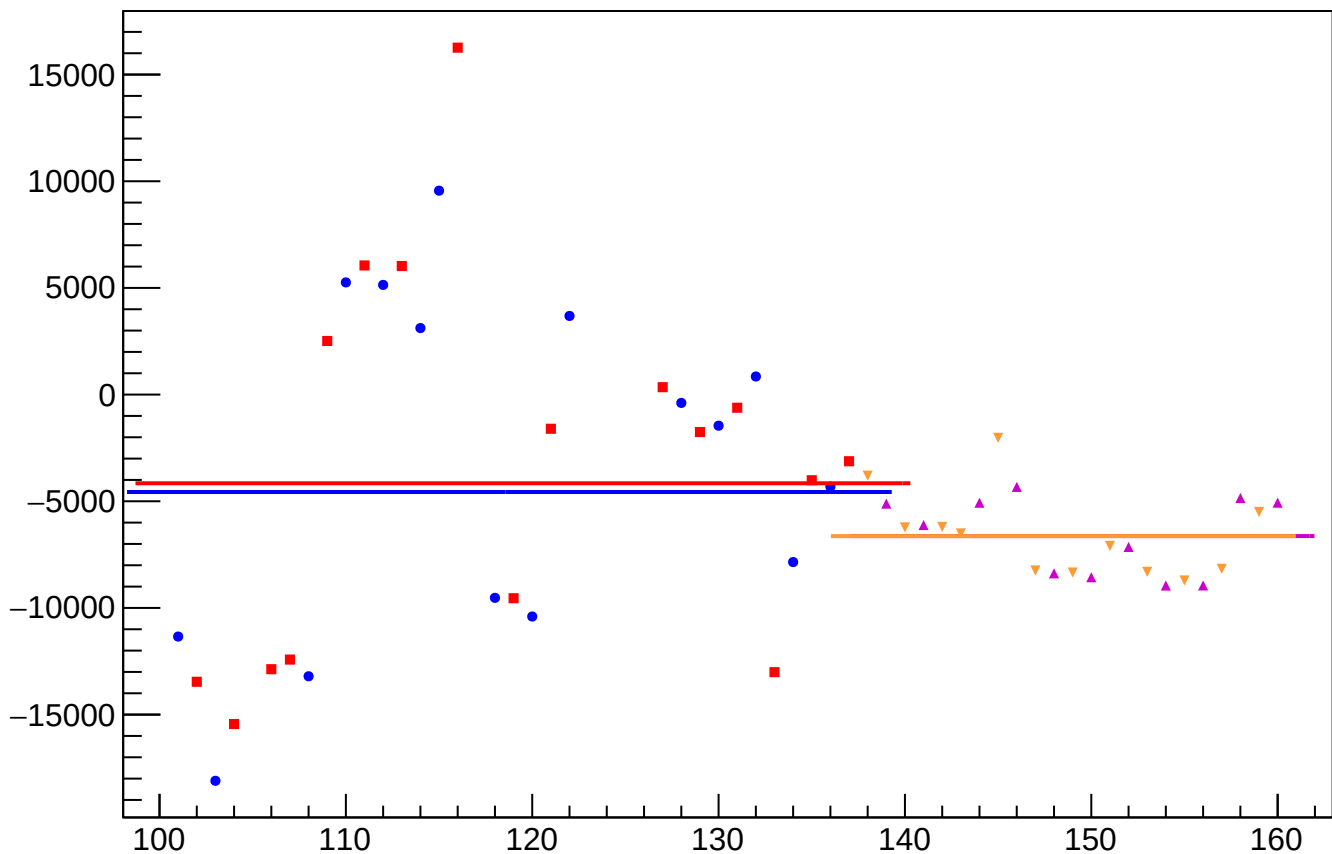
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

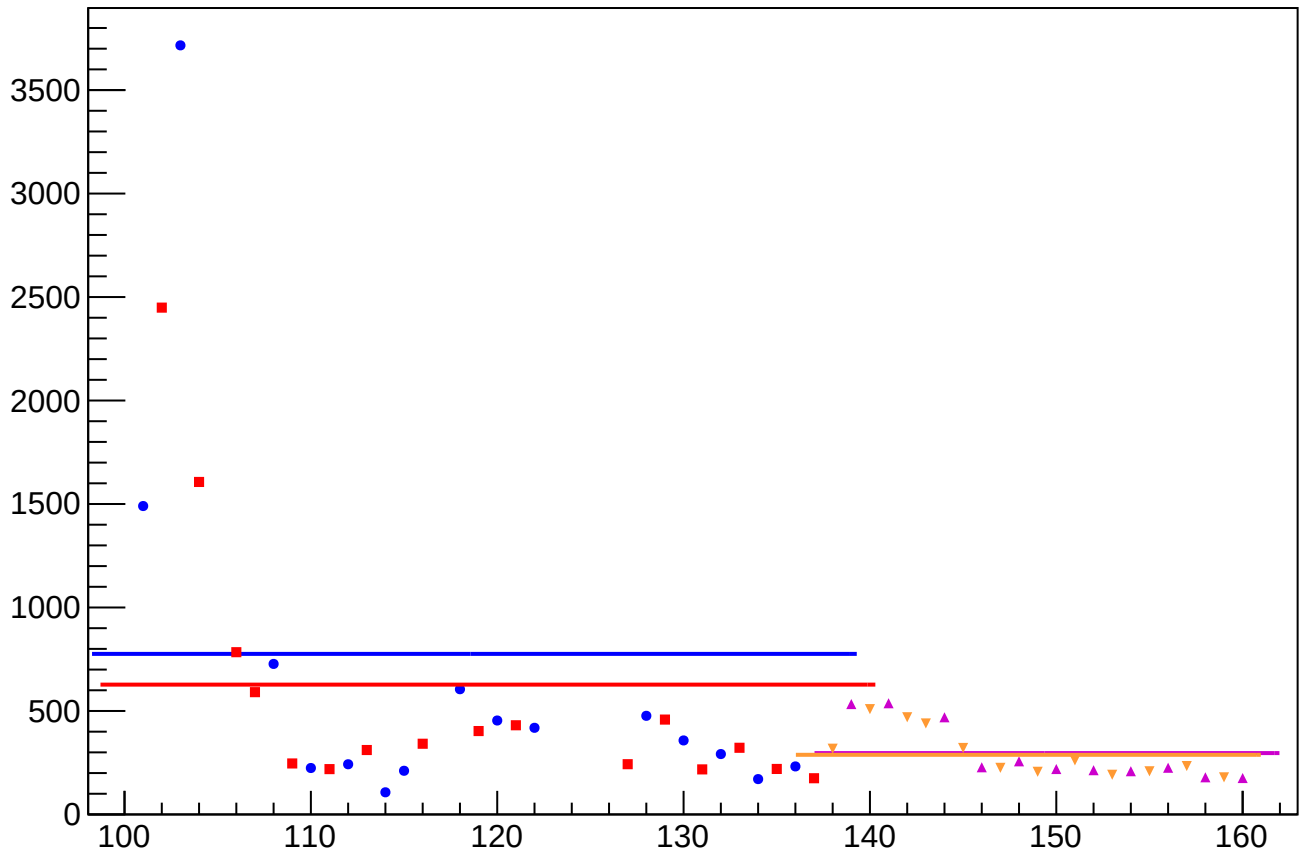
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam4_coil6_mean vs Slug



Right In: -4565.412 ± 0.000 $\chi^2/\text{NDF}: 35667768247432289984899042725155487875072.0/14$
 Left Out: -6634.457 ± 0.000 $\chi^2/\text{NDF}: 3640150880403299784339543756995645407232.0/11$
 Right Out: -4156.859 ± 0.000 $\chi^2/\text{NDF}: 45539455441659927157708443099930682195968.0/15$
 Left In: -6631.377 ± 0.000 $\chi^2/\text{NDF}: 2831140540306304869921468245145345327104.0/10$

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF : 10607349218435095296400376728725225472.0/11

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

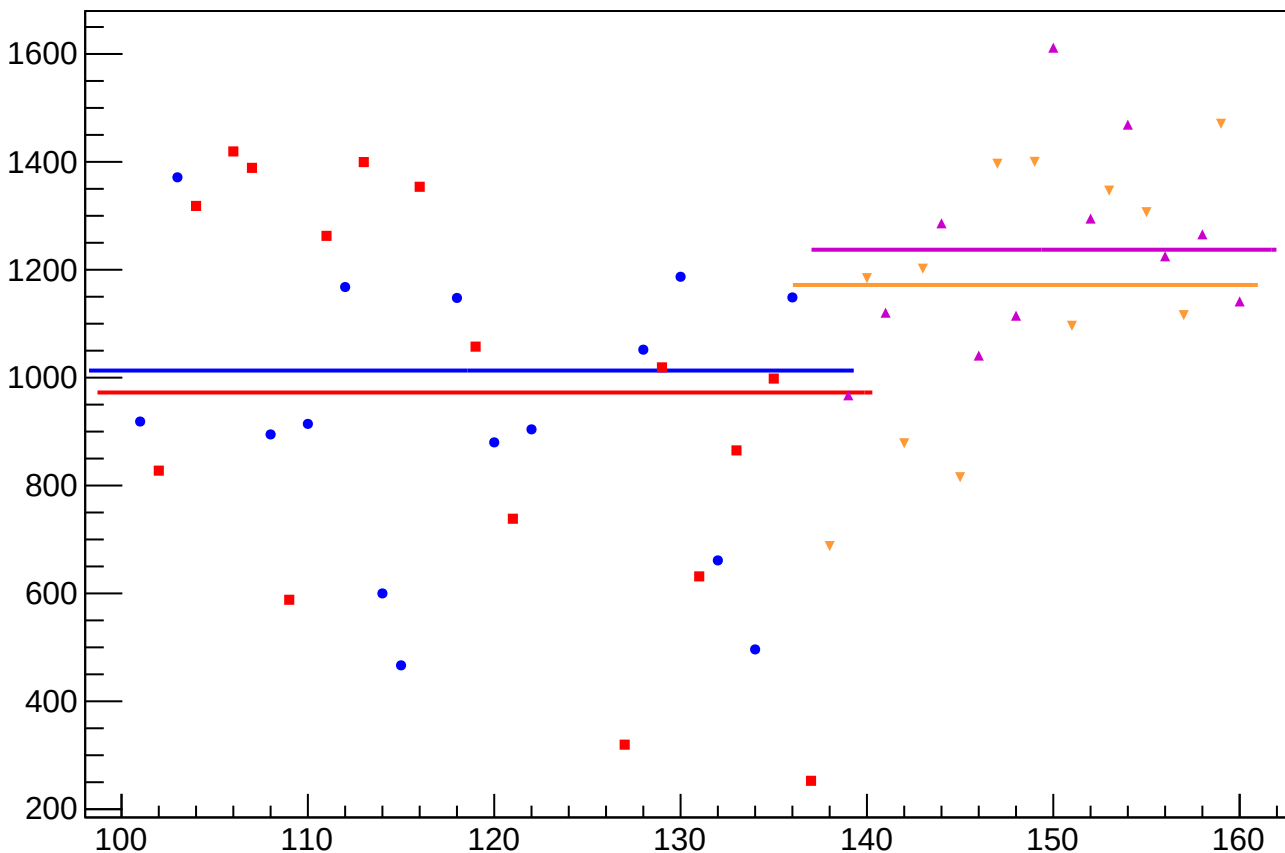
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 110209251468

- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

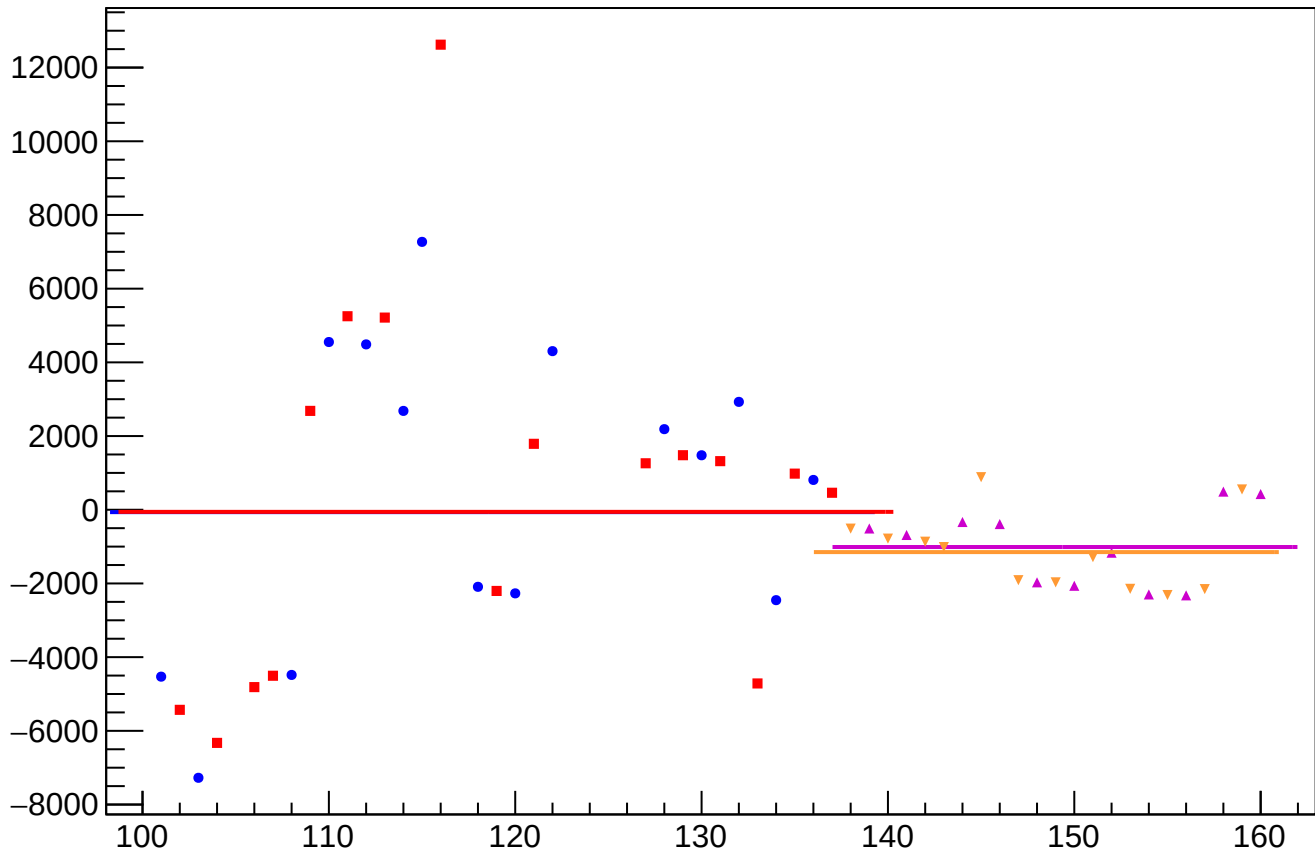
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

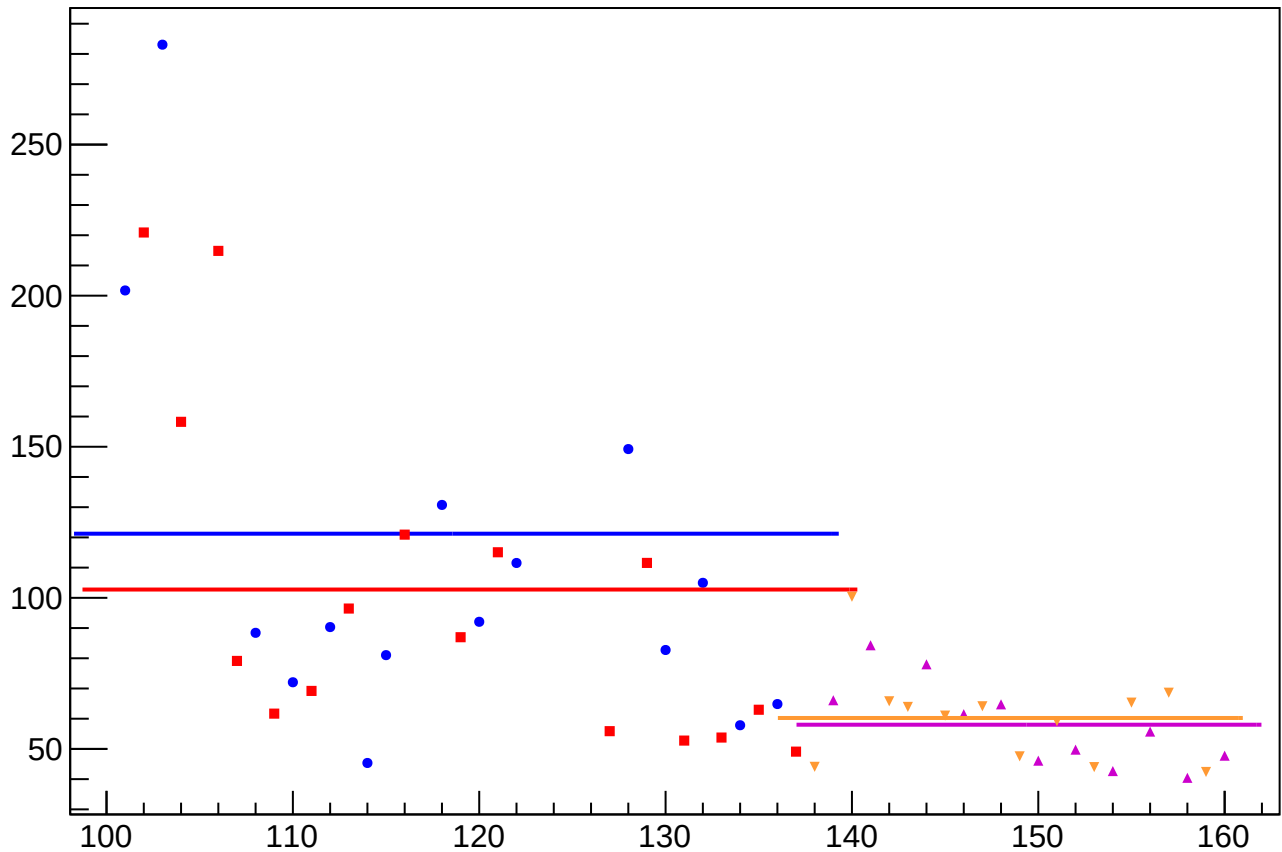
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam5_coil6_mean vs Slug



Right In: -64.751 ± 0.000 $\chi^2/\text{NDF}: 9614223448851814191683817349989558910976.0/14$
 Left Out: -1149.036 ± 0.000 $\chi^2/\text{NDF}: 977384281251527862797157265716912586752.0/11$
 Right Out: -57.229 ± 0.000 $\chi^2/\text{NDF}: 13780958977008702301942505454387177979904.0/15$
 Left In: -1011.284 ± 0.000 $\chi^2/\text{NDF}: 903909408421874171739001543159795679232.0/10$

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14

Left Out: 60.239 $\pm$ 0.000 χ^2 /NDF: 225102554491032869548797845500329984.0/11

Right Out: 102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15

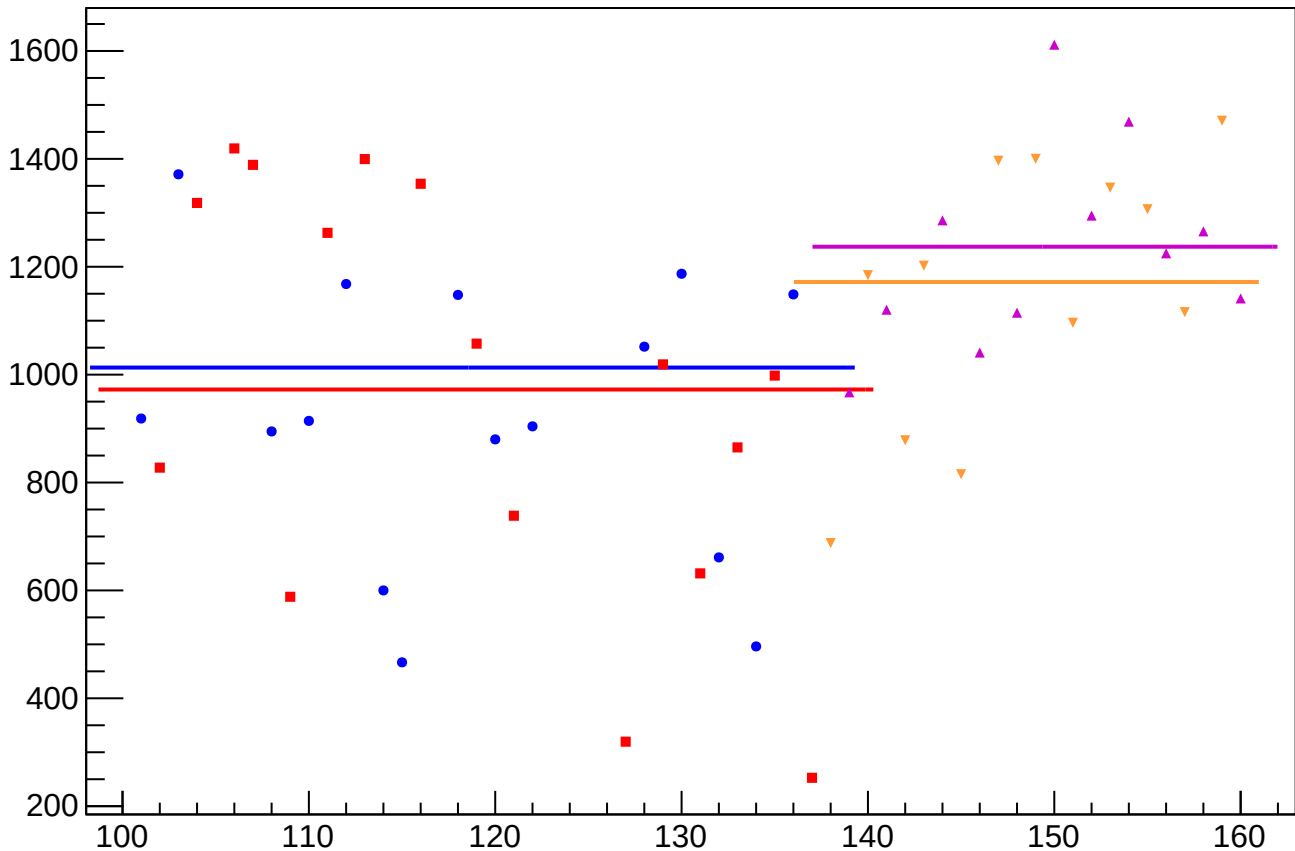
Left In: 58.011 $\pm$ 0.000 χ^2 /NDF: 177427701786540438757655027214450688.0/10

+ sign 85.563 $\pm$ 0.000 χ^2 /NDF: 4359921672162242

All: 81.126 $\pm$ 0.000 χ^2 /NDF: 7341366605629

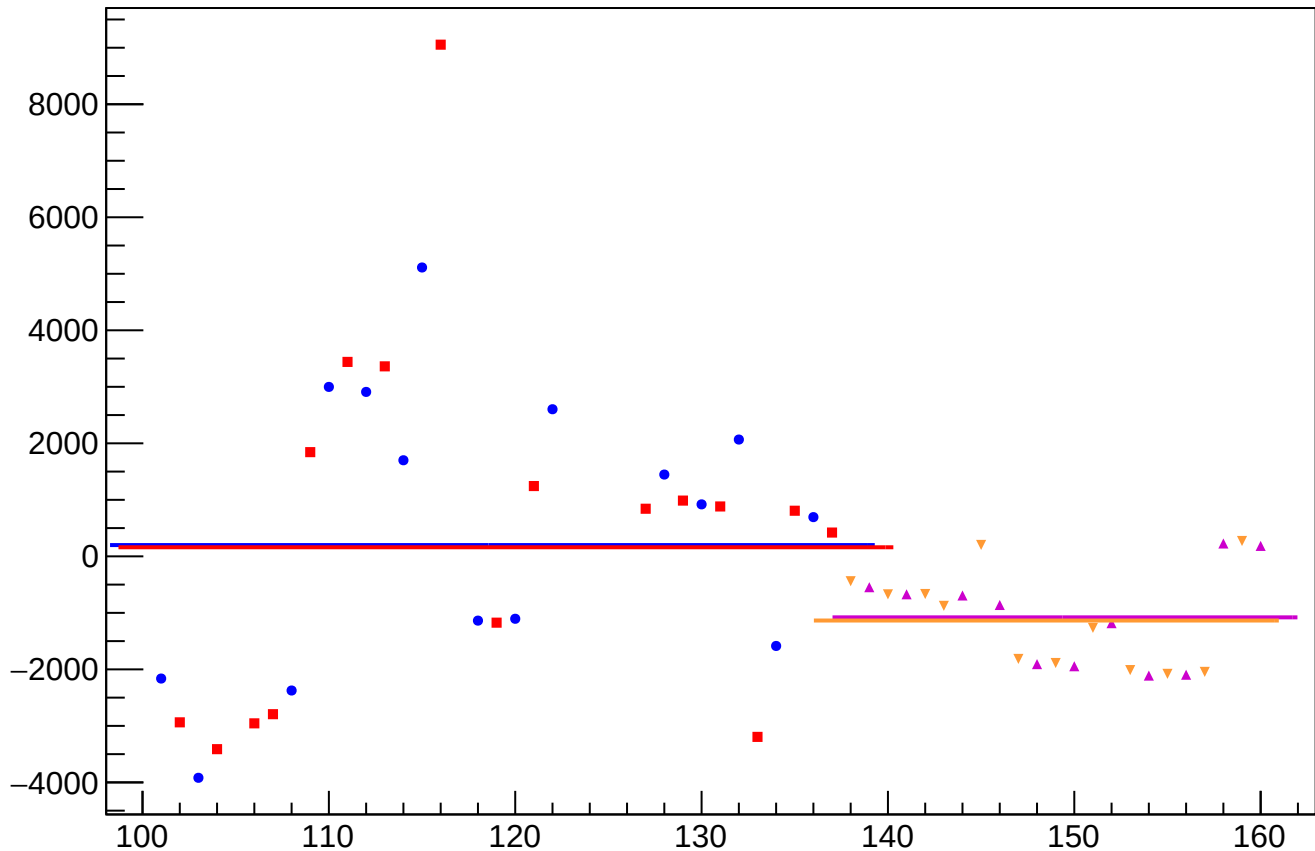
- sign 76.766 $\pm$ 0.000 χ^2 /NDF: 2920429745013475

dit_sam5_coil6_Ndata_mean vs Slug



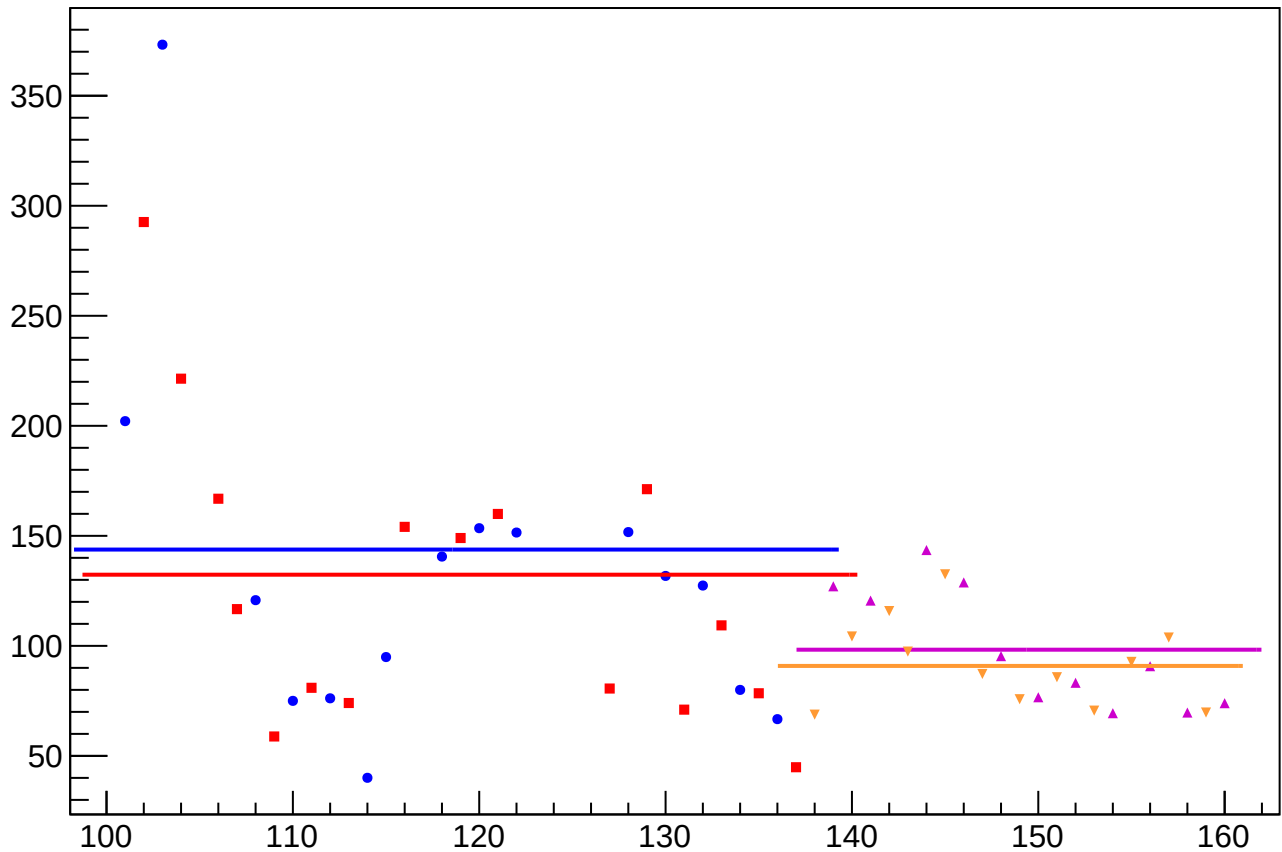
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam6_coil6_mean vs Slug



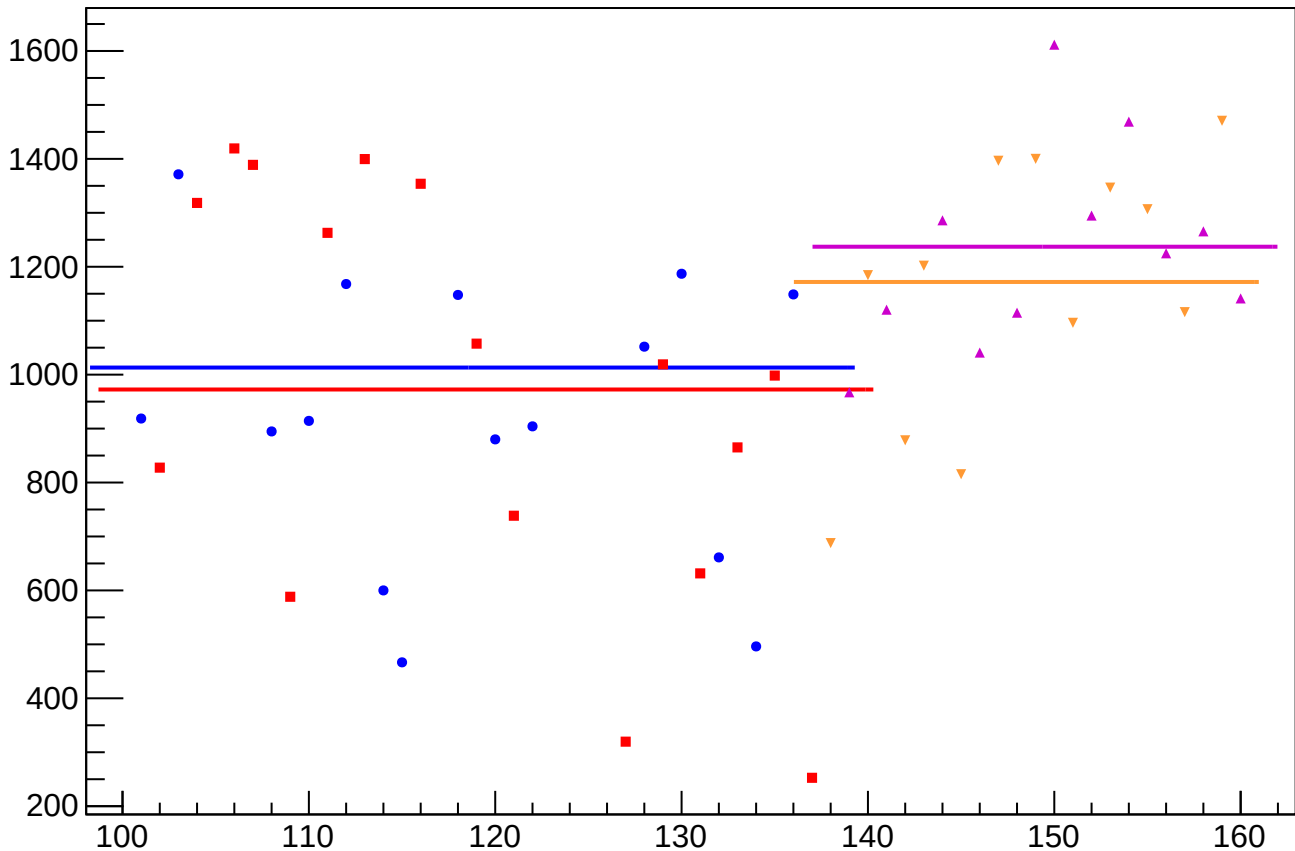
Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -1135.455+/-0.000 χ^2/NDF : 654697592596579349133010058178925166592.0/11
 Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug



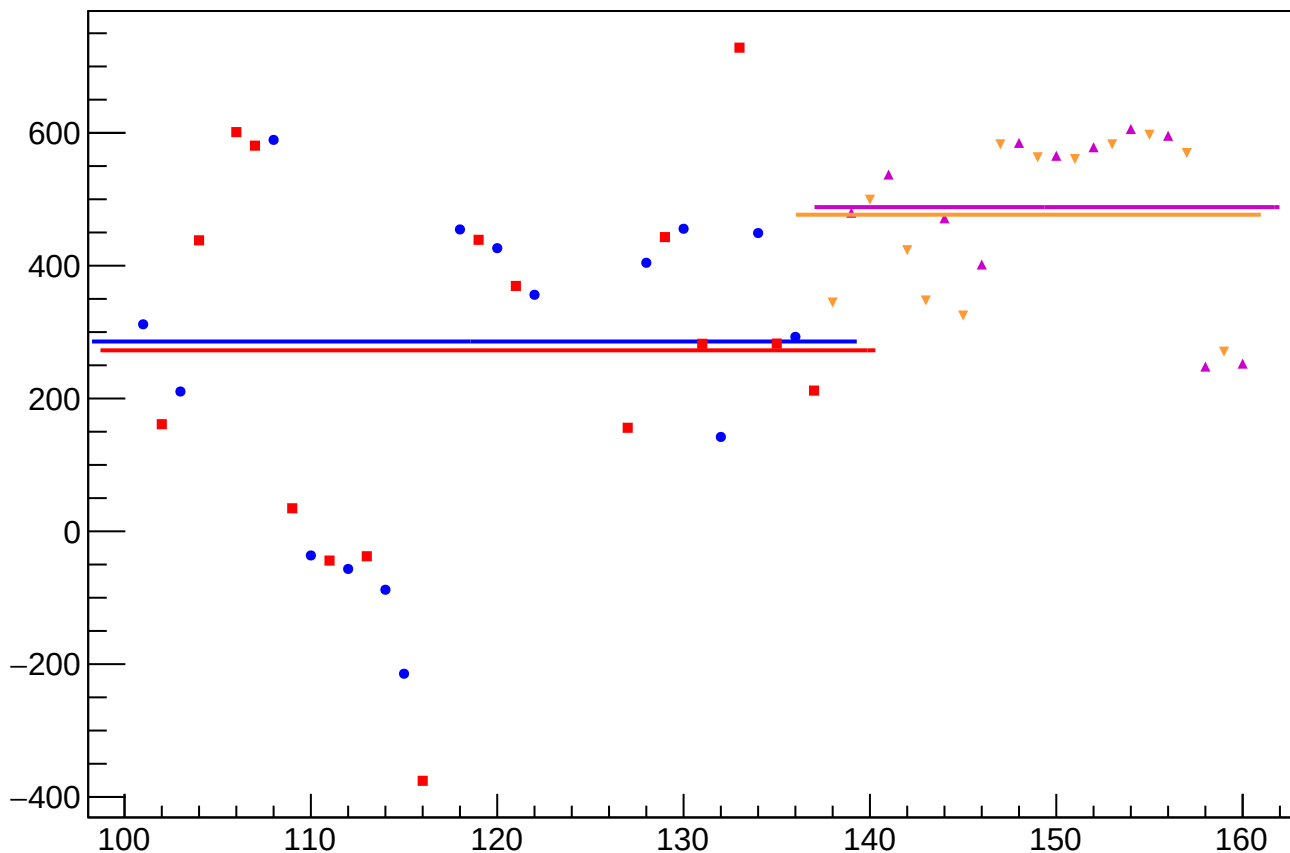
Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14
 Left Out: 90.882 $\pm$ 0.000 χ^2 /NDF: 326242734851411629220497356388040704.0/11
 Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15
 Left In: 98.257 $\pm$ 0.000 χ^2 /NDF: 6209937767730933933033369428470792192.0/10
 All: 112.691 $\pm$ 0.000 χ^2 /NDF: 101475107783
 + sign 112.840 $\pm$ 0.000 χ^2 /NDF: 590235067464096
 - sign 112.546 $\pm$ 0.000 χ^2 /NDF: 424509210993955

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 476.795+/-0.000 χ^2/NDF : 12695994824288000465906190934597435392.0/11

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

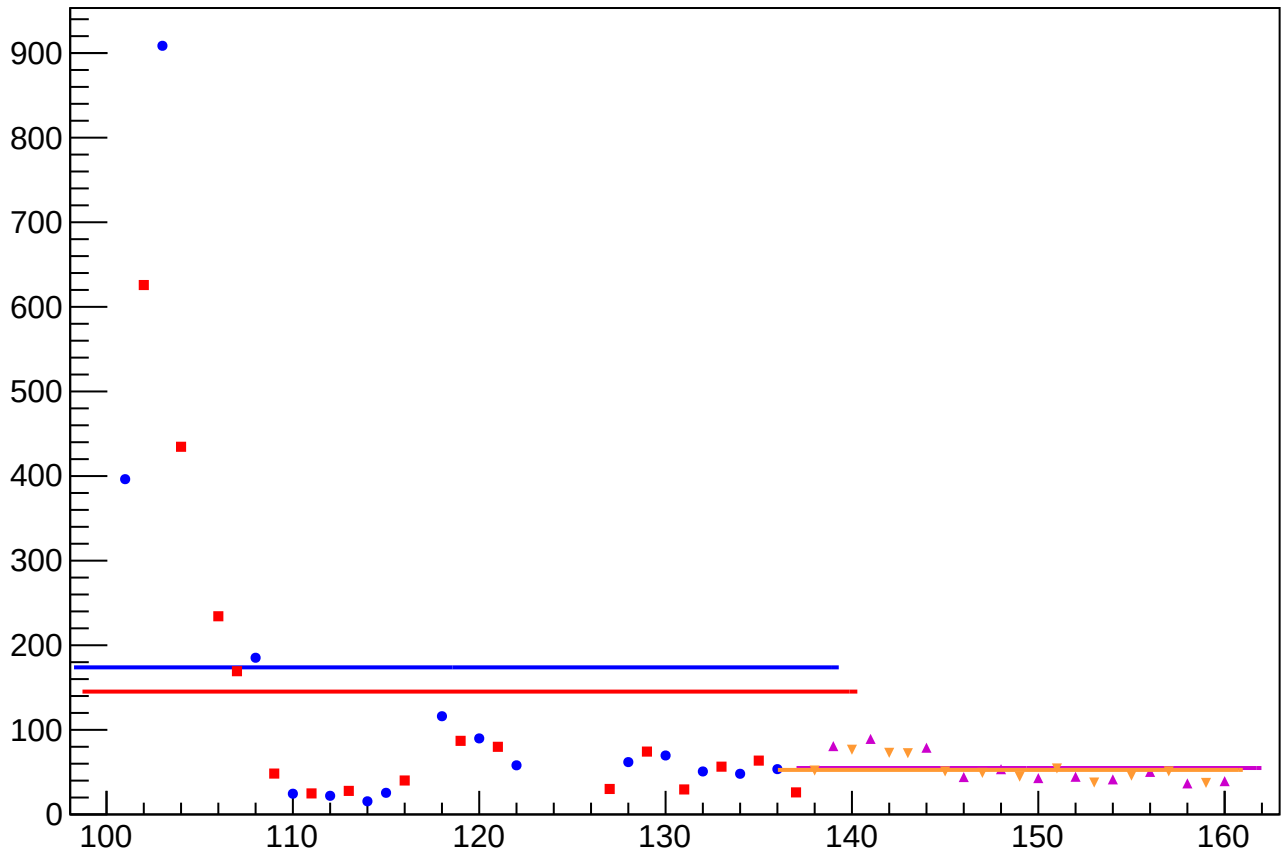
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 397.512+/-0.000 χ^2/NDF : 506405806110630

All: 397.652+/-0.000 χ^2/NDF : 126636598673

- sign 397.790+/-0.000 χ^2/NDF : 759959573910775

dit_sam7_coil6_err_mean vs Slug



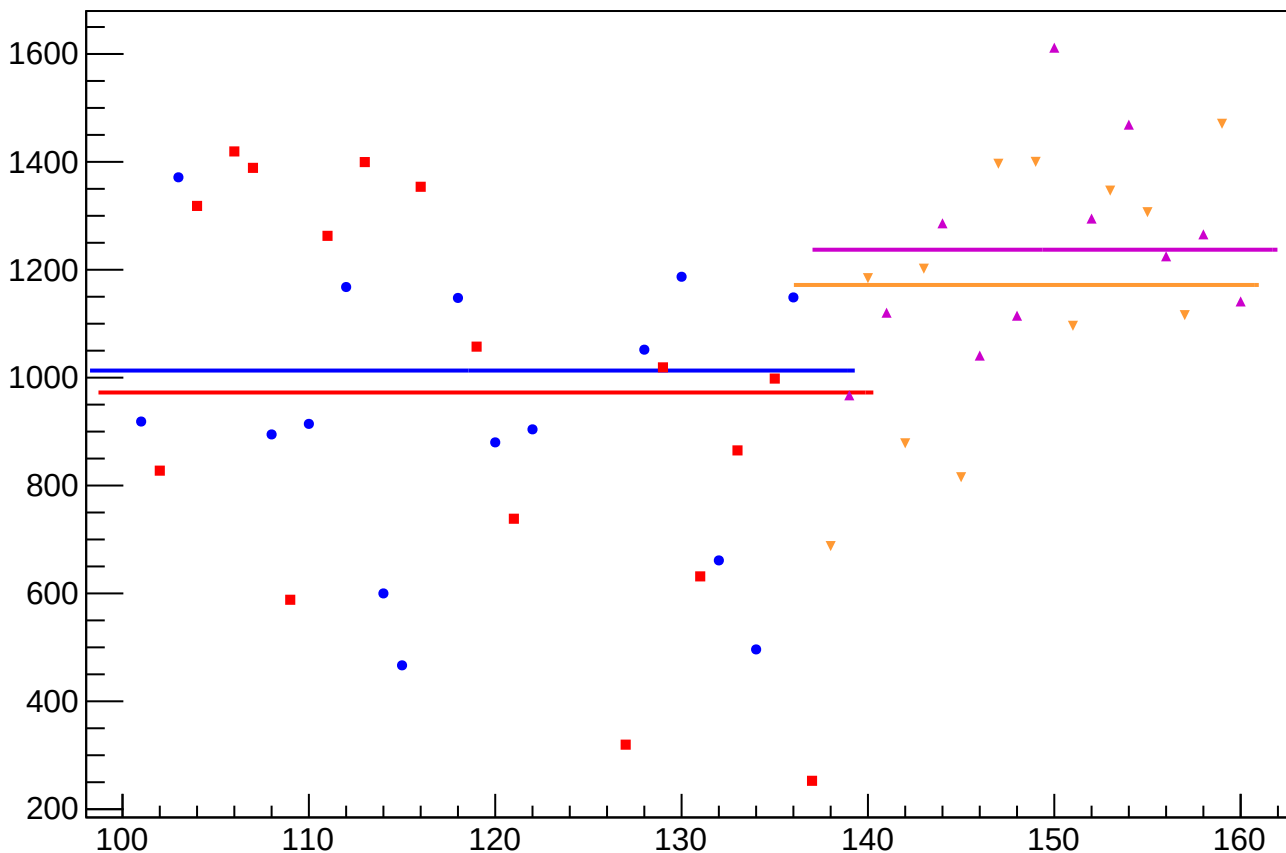
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

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

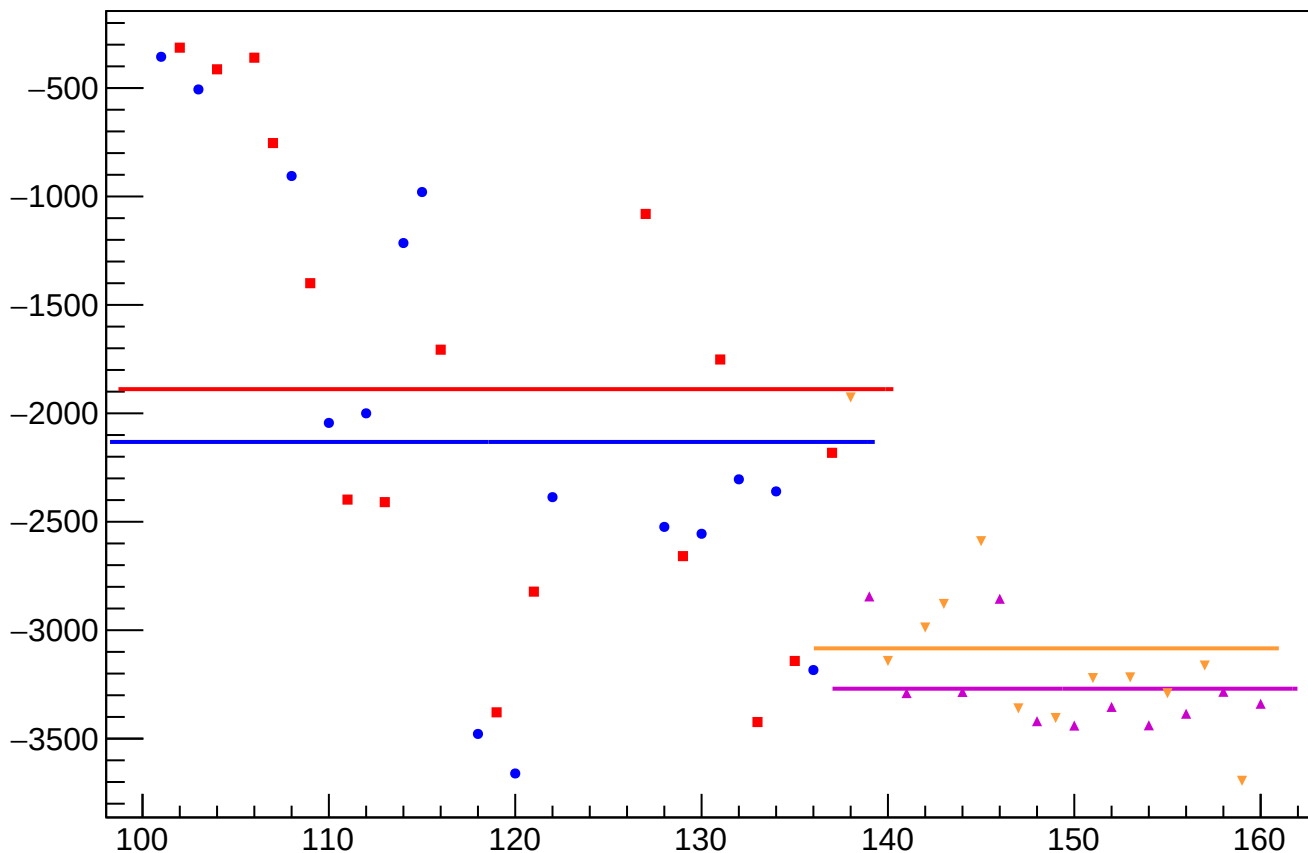
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

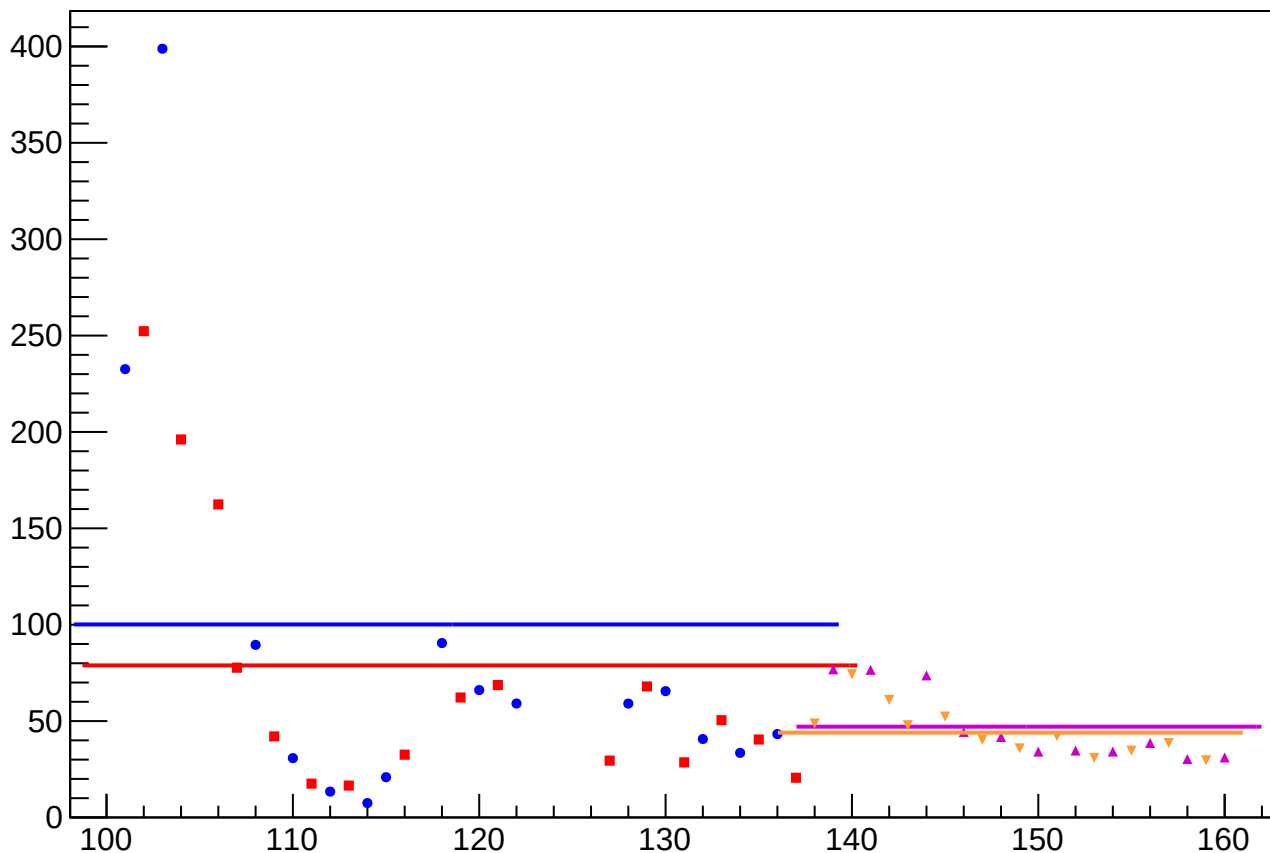
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

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

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

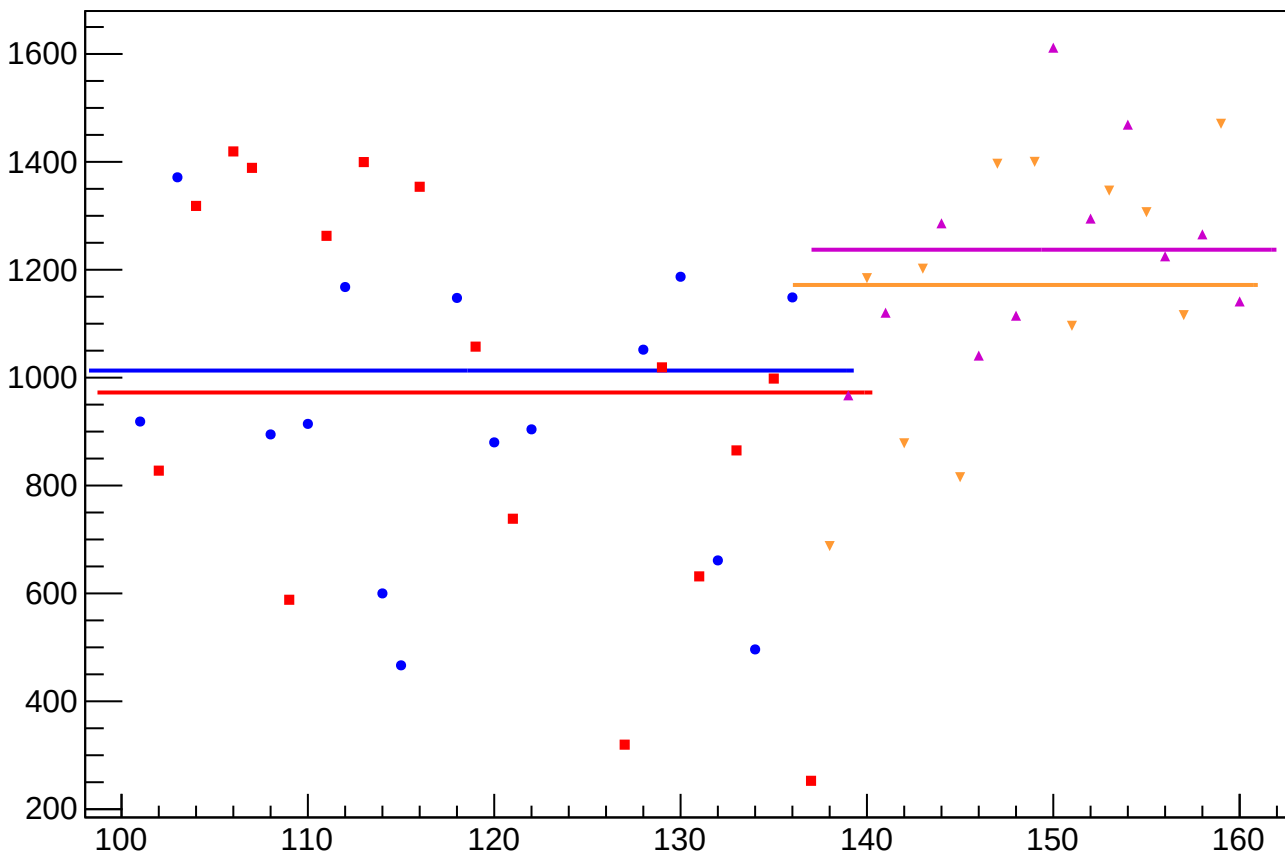
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ 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

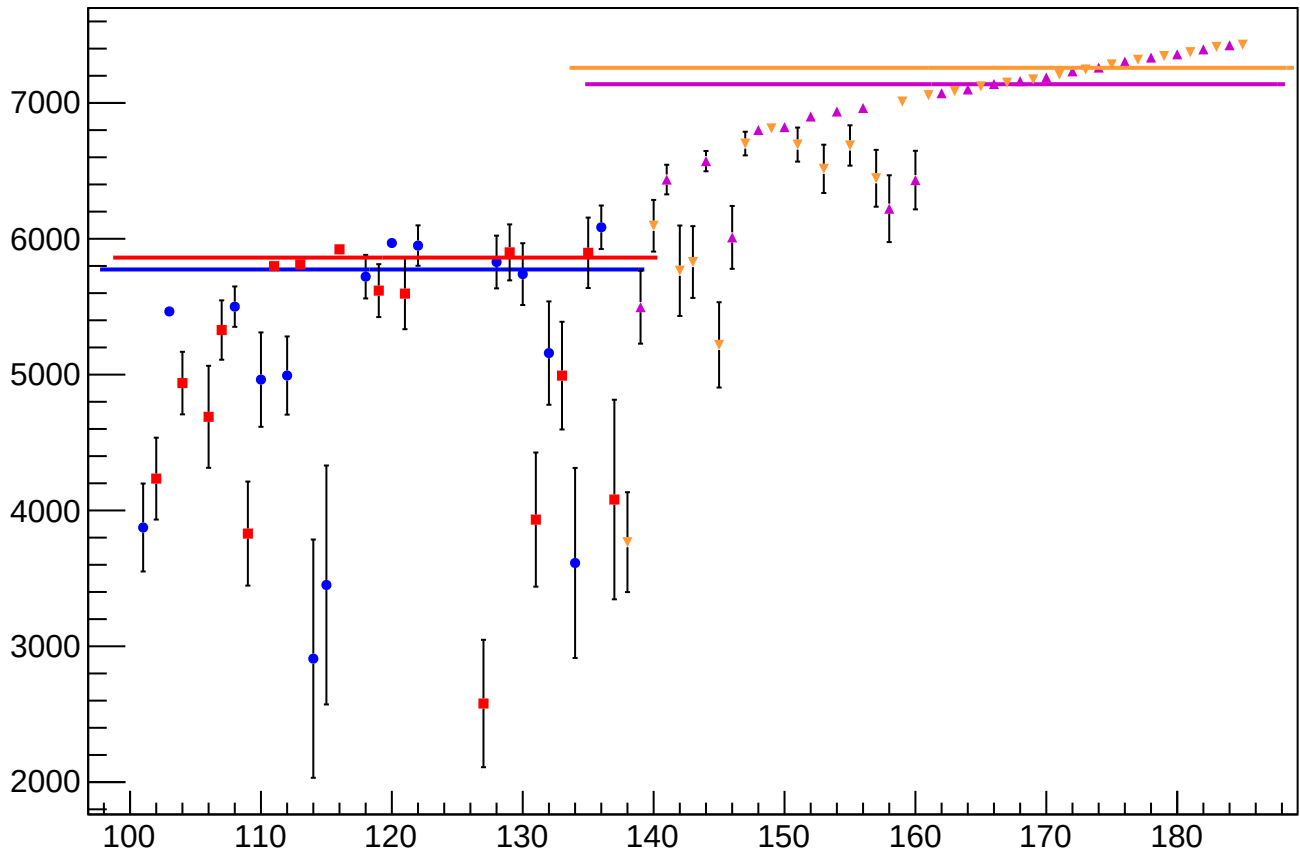
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

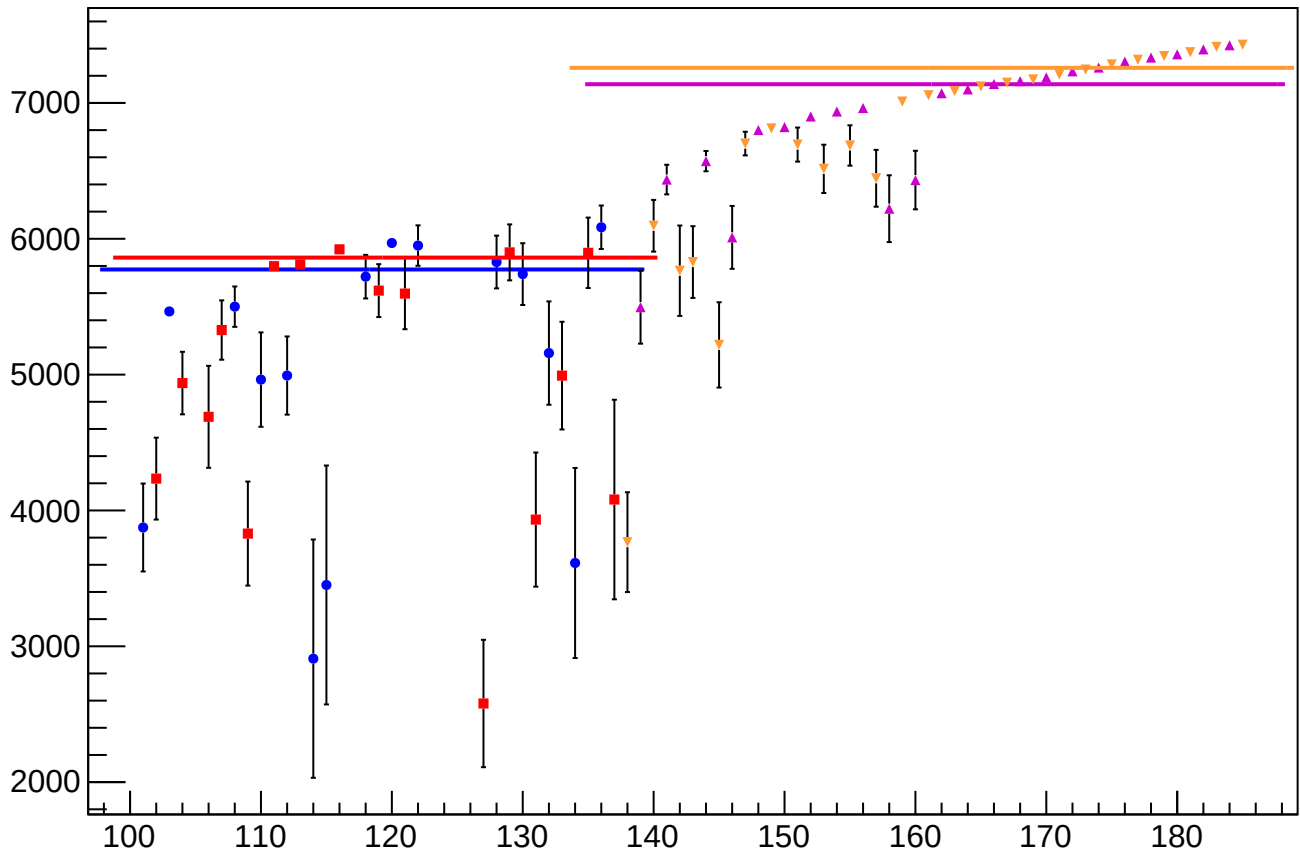
Left In: 7137.987 $\pm$ 0.098 χ^2/NDF : 4549121.8/22

+ 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 $\pm$ 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

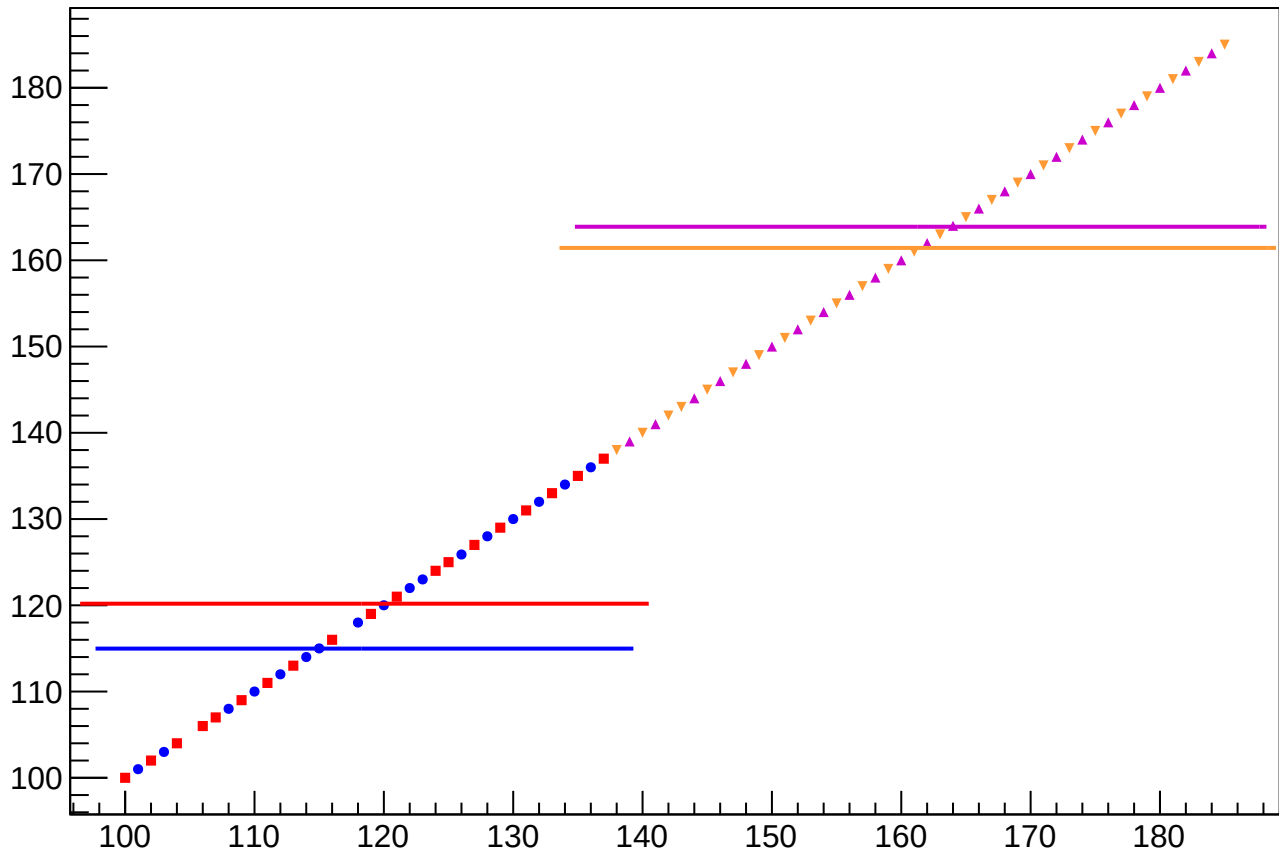
Left In: 7137.987 $\pm$ 0.098 χ^2 /NDF: 4549121.8/22

+ sign 6955.870 $\pm$ 0.082 χ^2 /NDF: 59347357.6/39

All: 6833.085 $\pm$ 0.057 χ^2 /NDF: 124412873.1

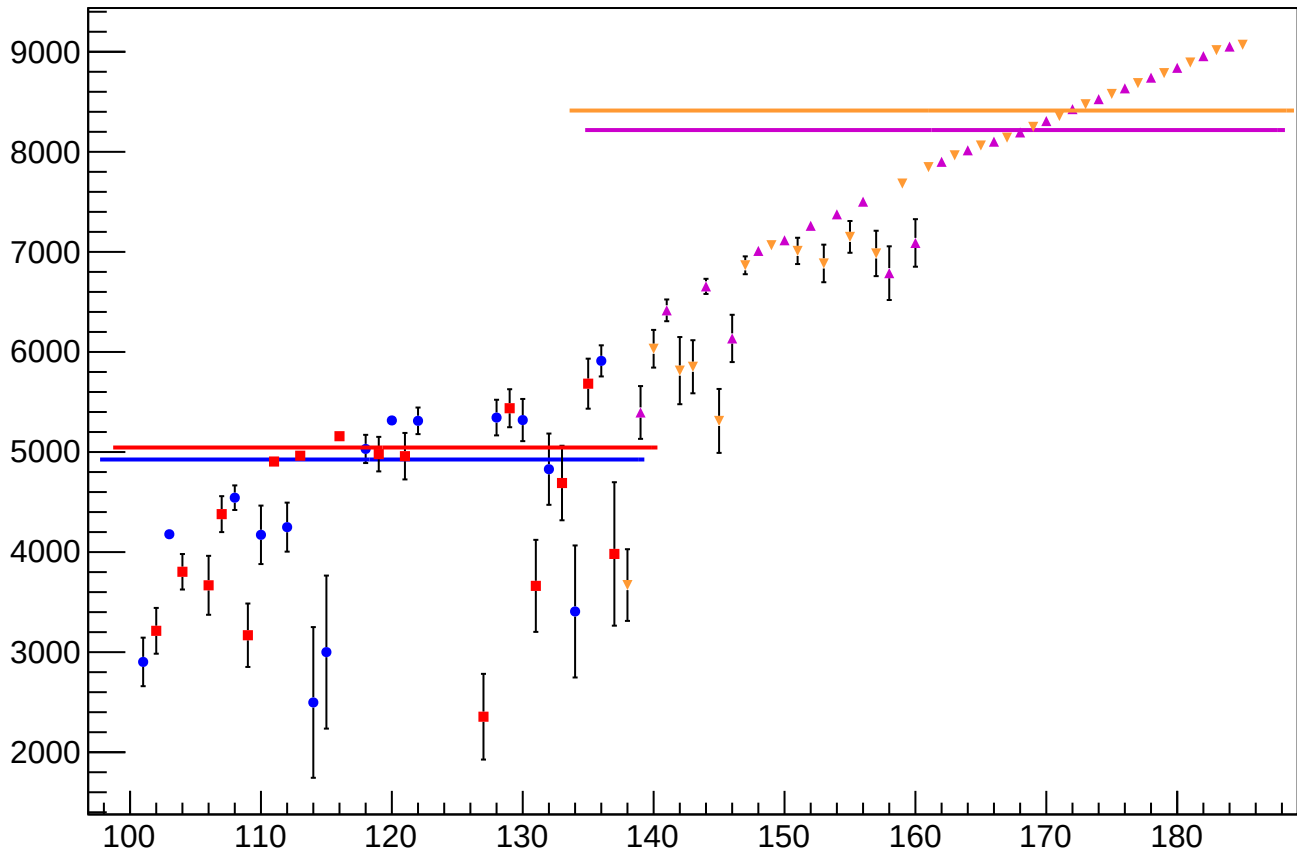
- sign 6715.075 $\pm$ 0.080 χ^2 /NDF: 60662698.5/38

dit_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: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 163.890+/-0.000 χ^2/NDF : 206308926090069183709360387260416.0/22

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

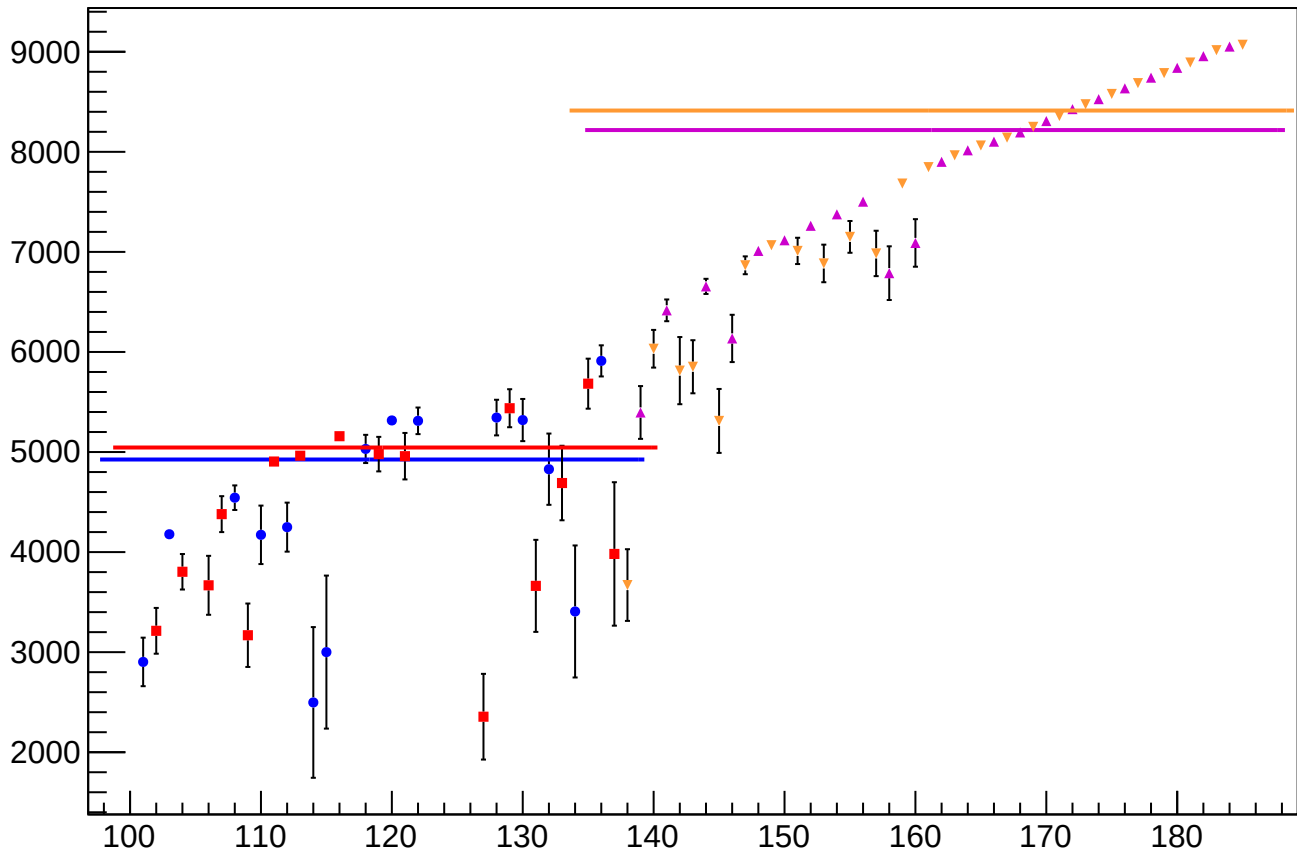
Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ 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 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 8412.753 $\pm$ 0.396 χ^2 /NDF: 2106465.3/24

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

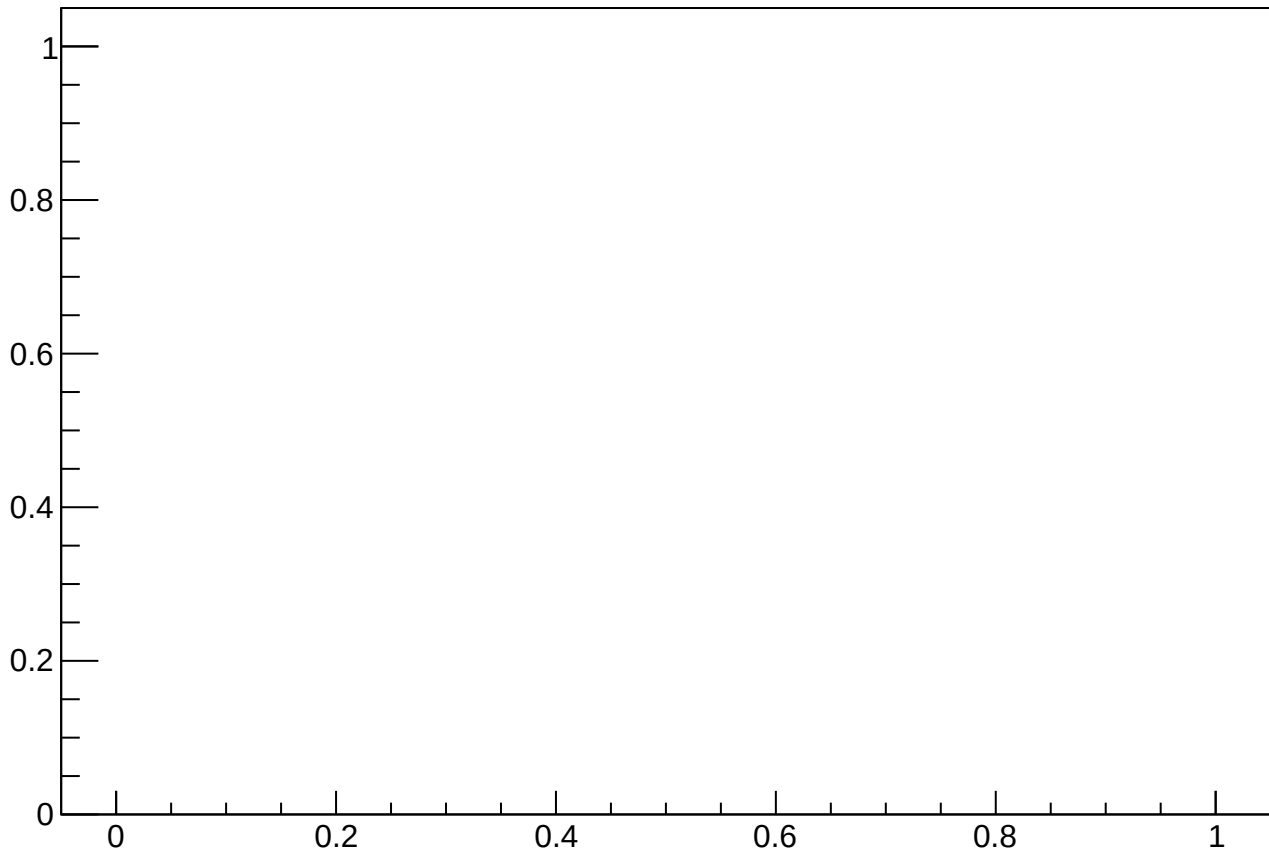
Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ sign 7886.489 $\pm$ 0.365 χ^2 /NDF: 14157267.1/39

All: 7641.112 $\pm$ 0.245 χ^2 /NDF: 35014772.5/7

- sign 7439.138 $\pm$ 0.331 χ^2 /NDF: 20031979.1/38

dit_scandata1_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

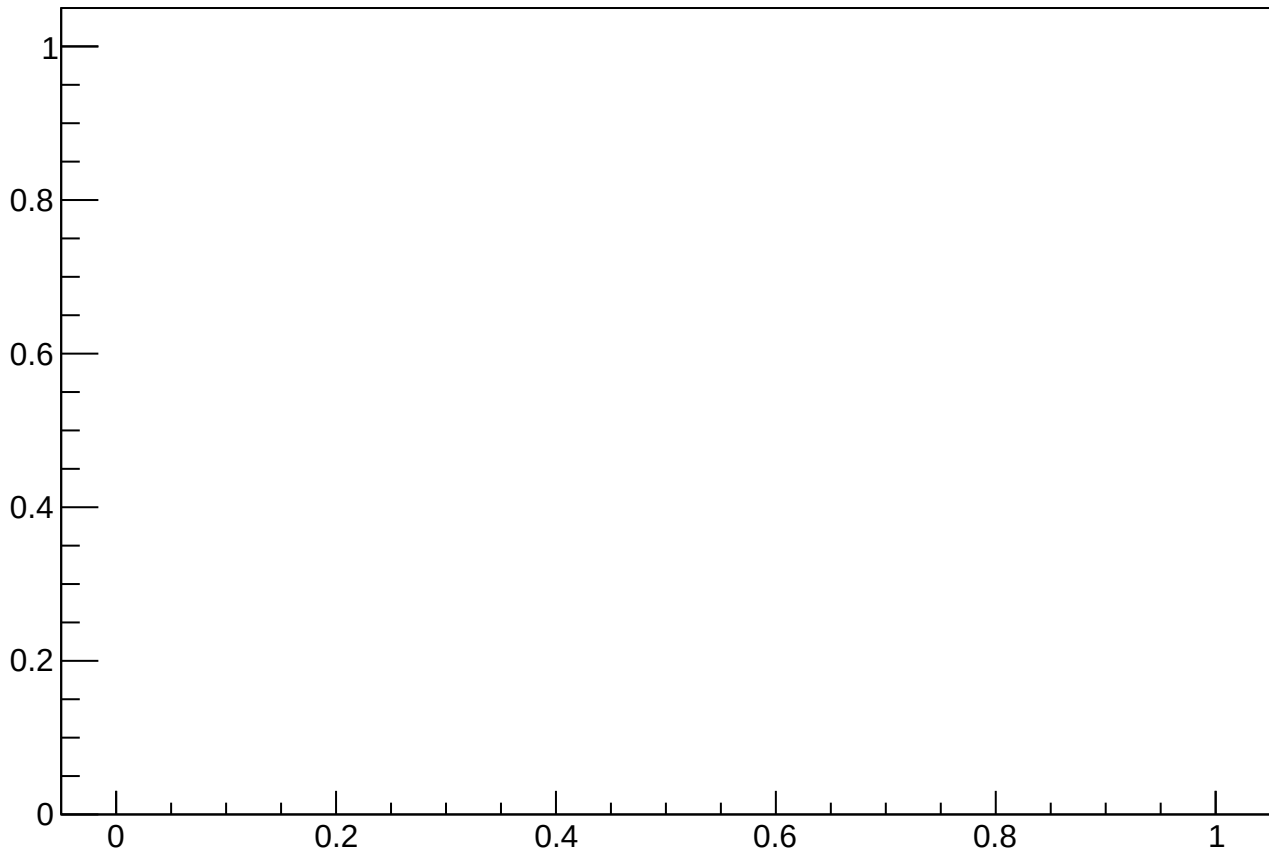
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_scandata2_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_scandata2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

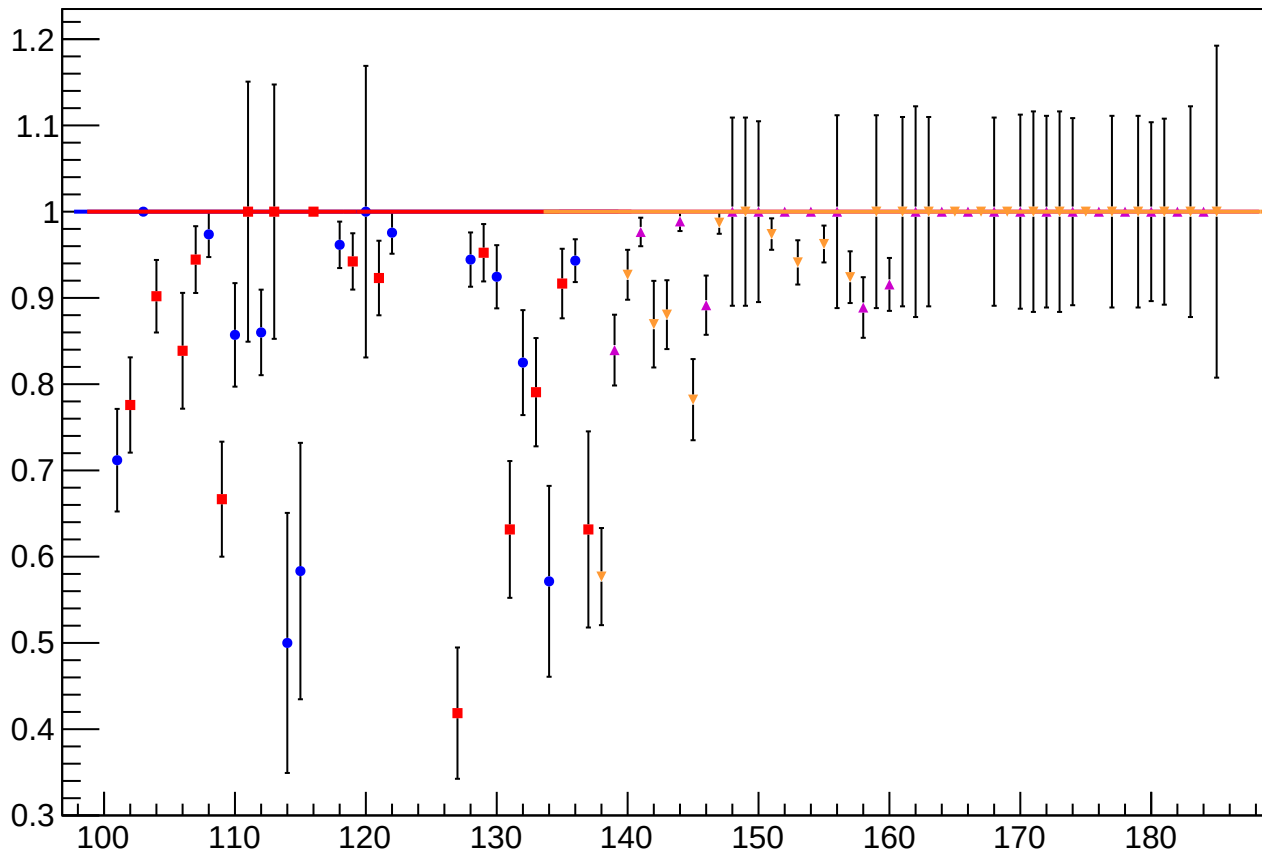
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

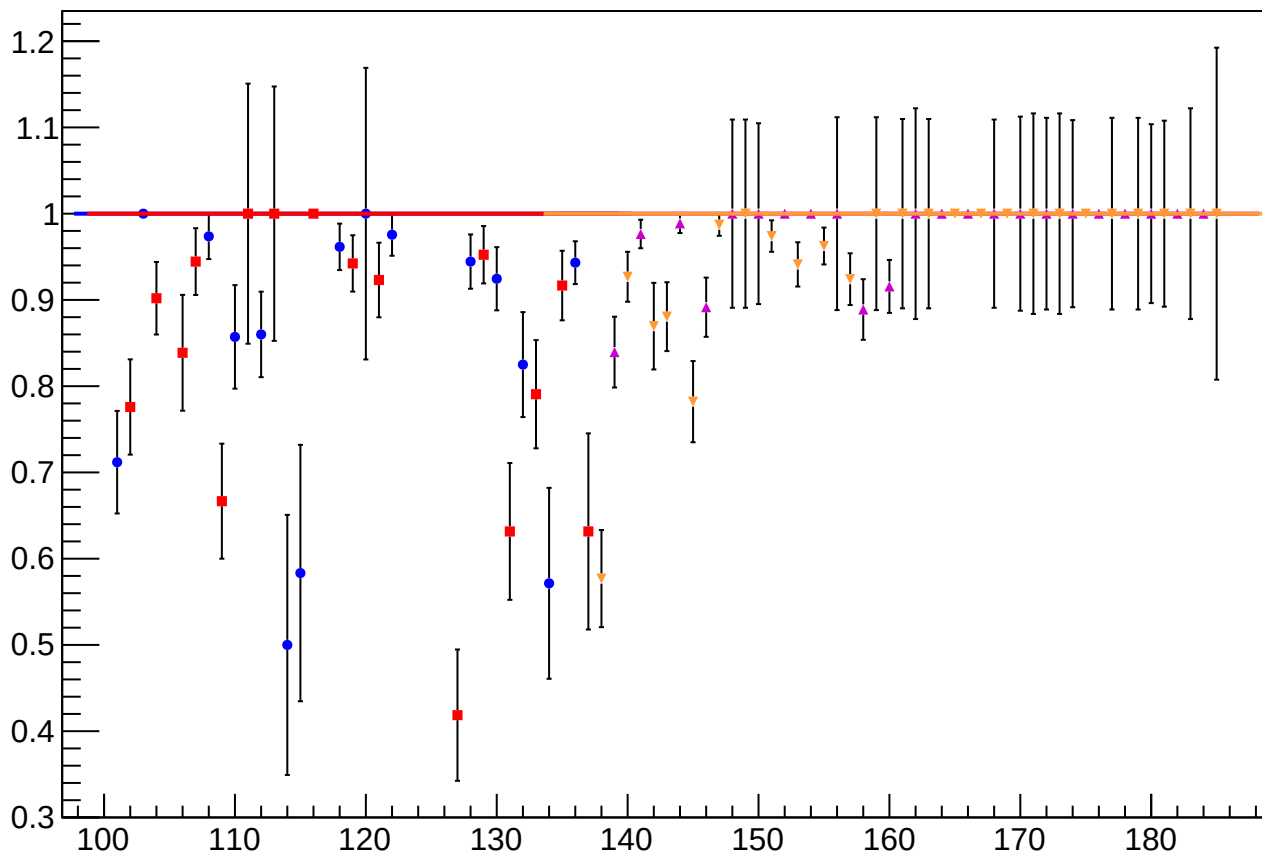
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/39

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1354.4/78

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 610.7/38

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

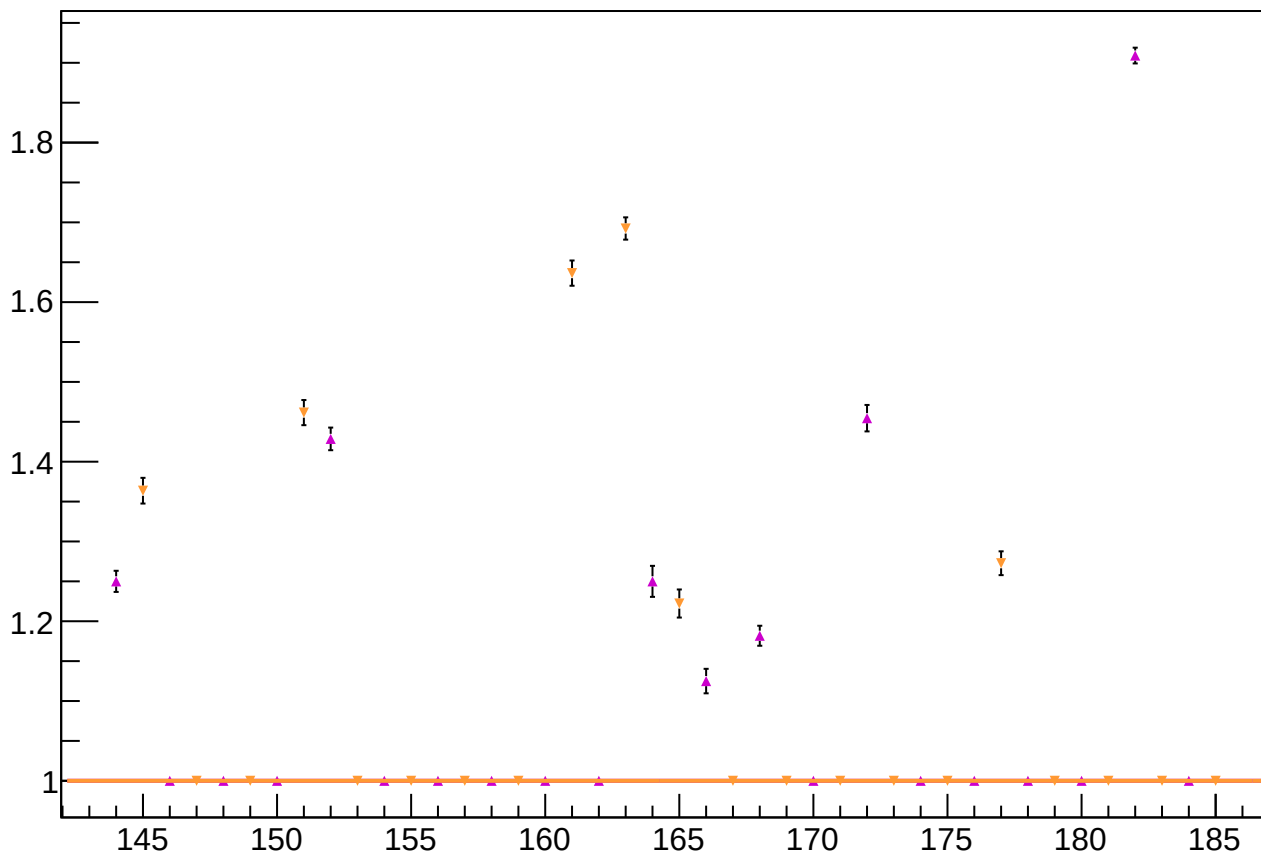
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/39

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1354.4/78

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 610.7/38

dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.000+/-0.000 χ^2/NDF :18616.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

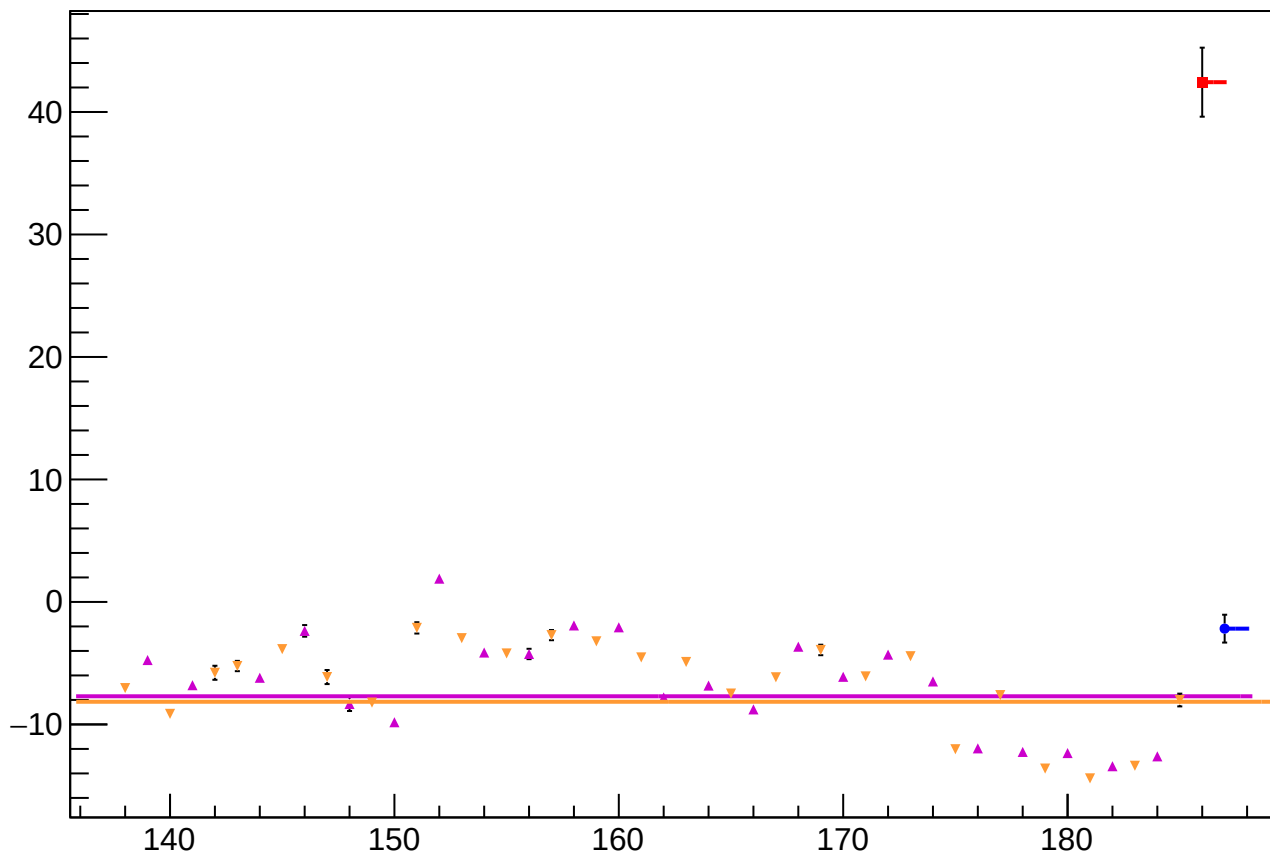
Left In: 1.000+/-0.000 χ^2/NDF :12089.0/20

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 19113.7/41

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -2.180 ± 1.137 χ^2/NDF : 0.0/0

Left Out: -8.149 ± 0.068 χ^2/NDF : 3613.1/24

Right Out: 42.434 ± 2.817 χ^2/NDF : 0.0/0

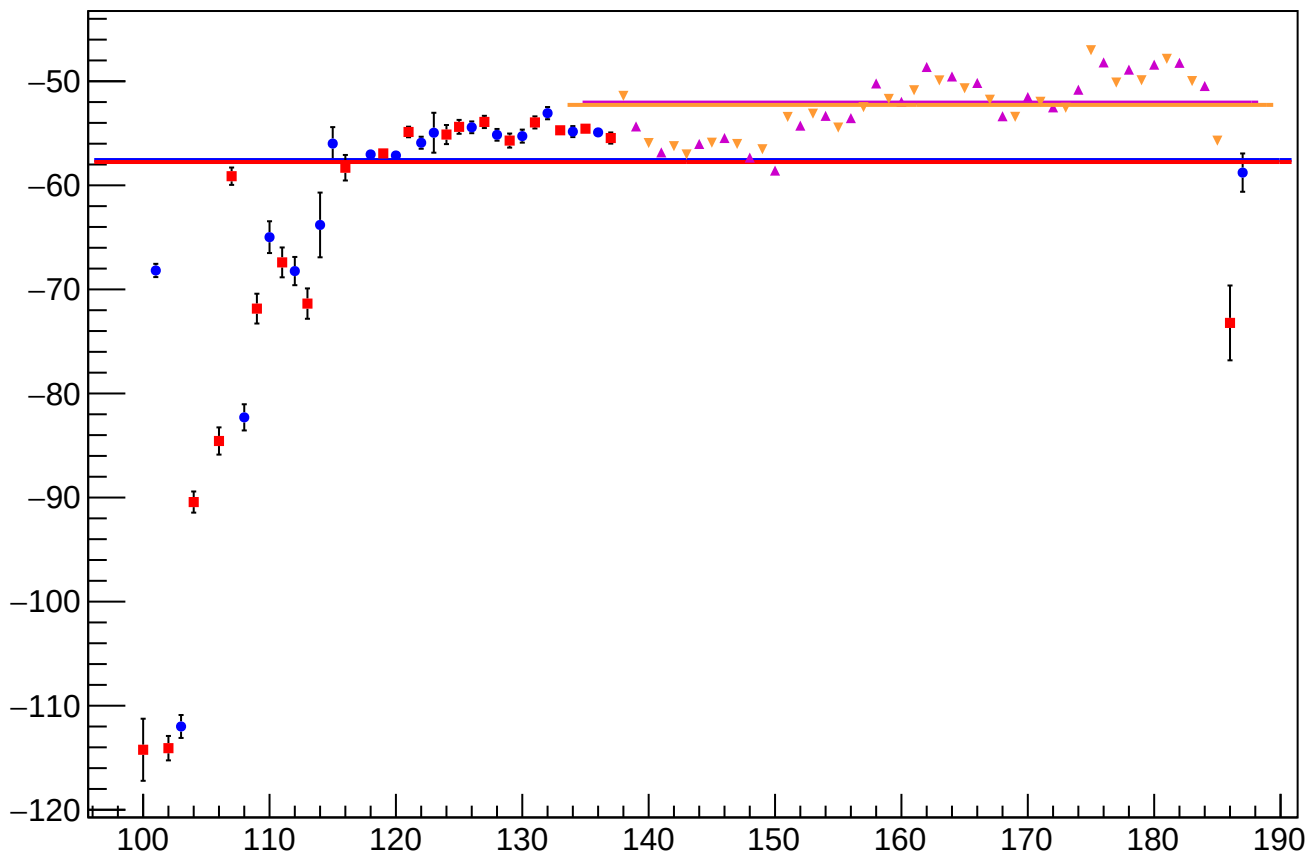
Left In: -7.701 ± 0.068 χ^2/NDF : 3737.2/22

+ sign -8.128 ± 0.067 χ^2/NDF : 3640.5/25

All: -7.903 ± 0.048 χ^2/NDF : 7716.8/49

- sign -7.672 ± 0.068 χ^2/NDF : 4053.7/23

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.570 ± 0.141 χ^2/NDF : 3456.4/17

Left Out: -52.271 ± 0.055 χ^2/NDF : 2609.6/24

Right Out: -57.760 ± 0.143 χ^2/NDF : 4717.0/19

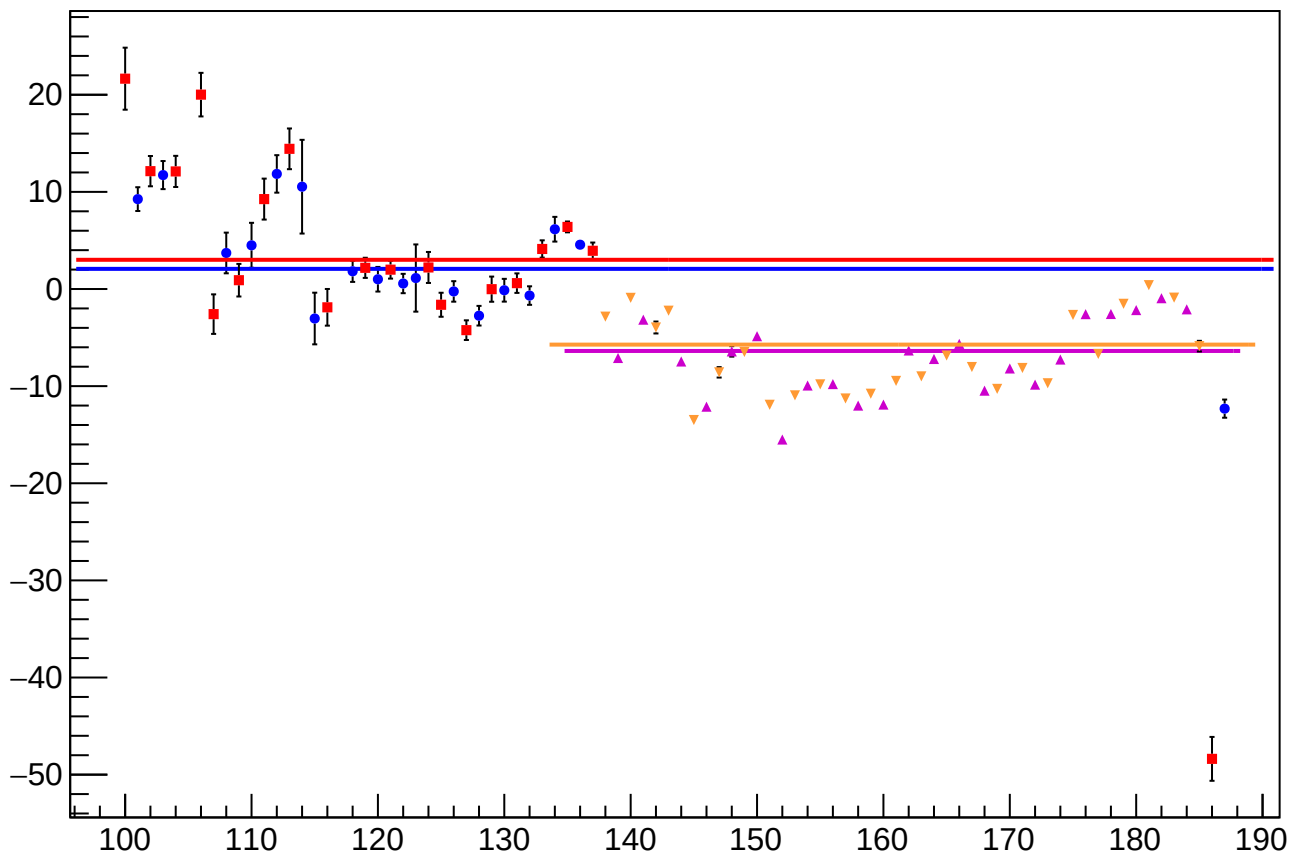
Left In: -52.050 ± 0.057 χ^2/NDF : 3197.5/22

+ sign -52.975 ± 0.051 χ^2/NDF : 7290.0/42

All: -52.906 ± 0.037 χ^2/NDF : 16585.9/85

- sign -52.834 ± 0.053 χ^2/NDF : 9292.2/42

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 2.075 ± 0.248 χ^2/NDF : 441.2/17

Left Out: -5.725 ± 0.068 χ^2/NDF : 3989.1/24

Right Out: 3.008 ± 0.265 χ^2/NDF : 848.0/19

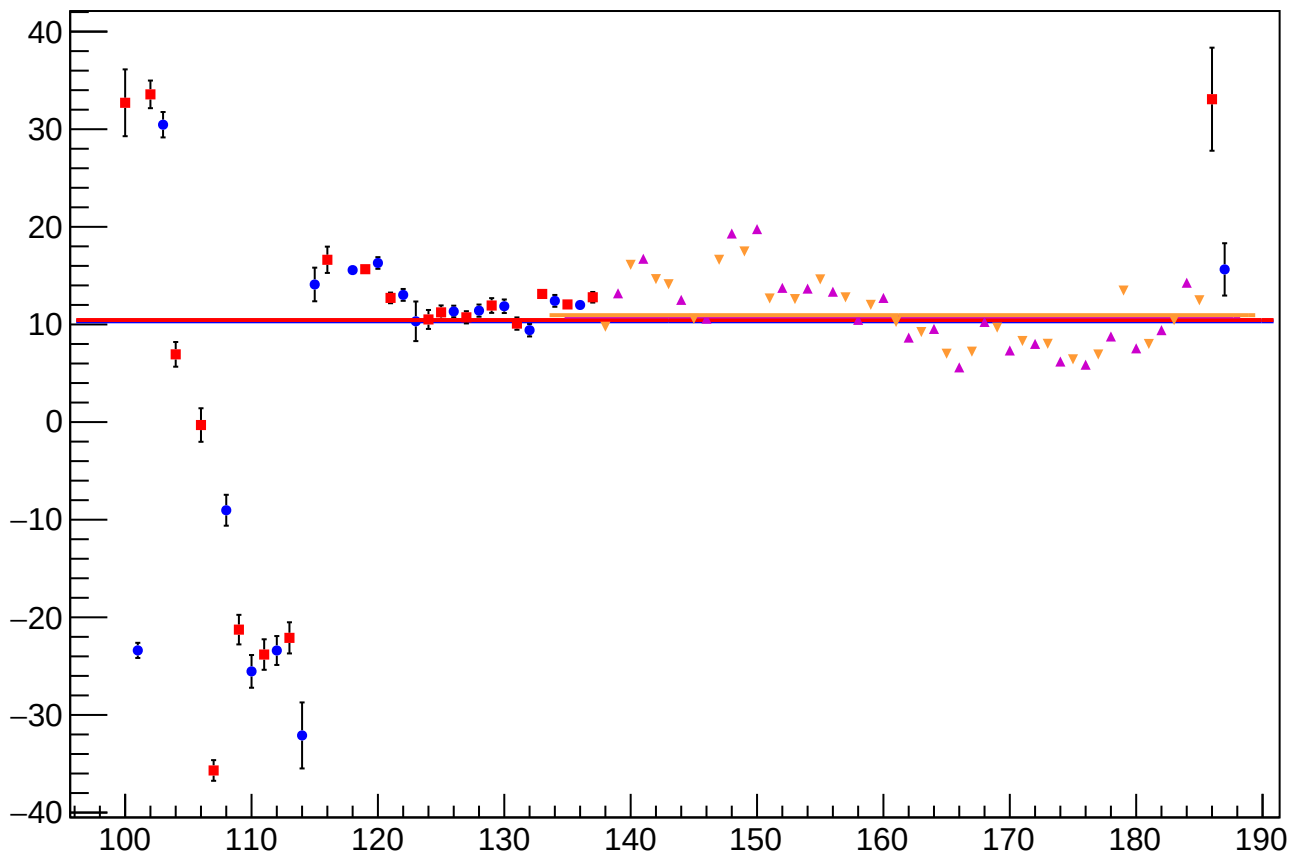
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -5.186 ± 0.065 χ^2/NDF : 5347.4/42

All: -5.487 ± 0.046 χ^2/NDF : 10808.7/85

- sign -5.795 ± 0.066 χ^2/NDF : 5418.2/42

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.324 $\pm$ 0.157 χ^2 /NDF: 3716.2/17

Left Out: 10.950 $\pm$ 0.062 χ^2 /NDF: 2620.4/24

Right Out: 10.453 $\pm$ 0.160 χ^2 /NDF: 3846.8/19

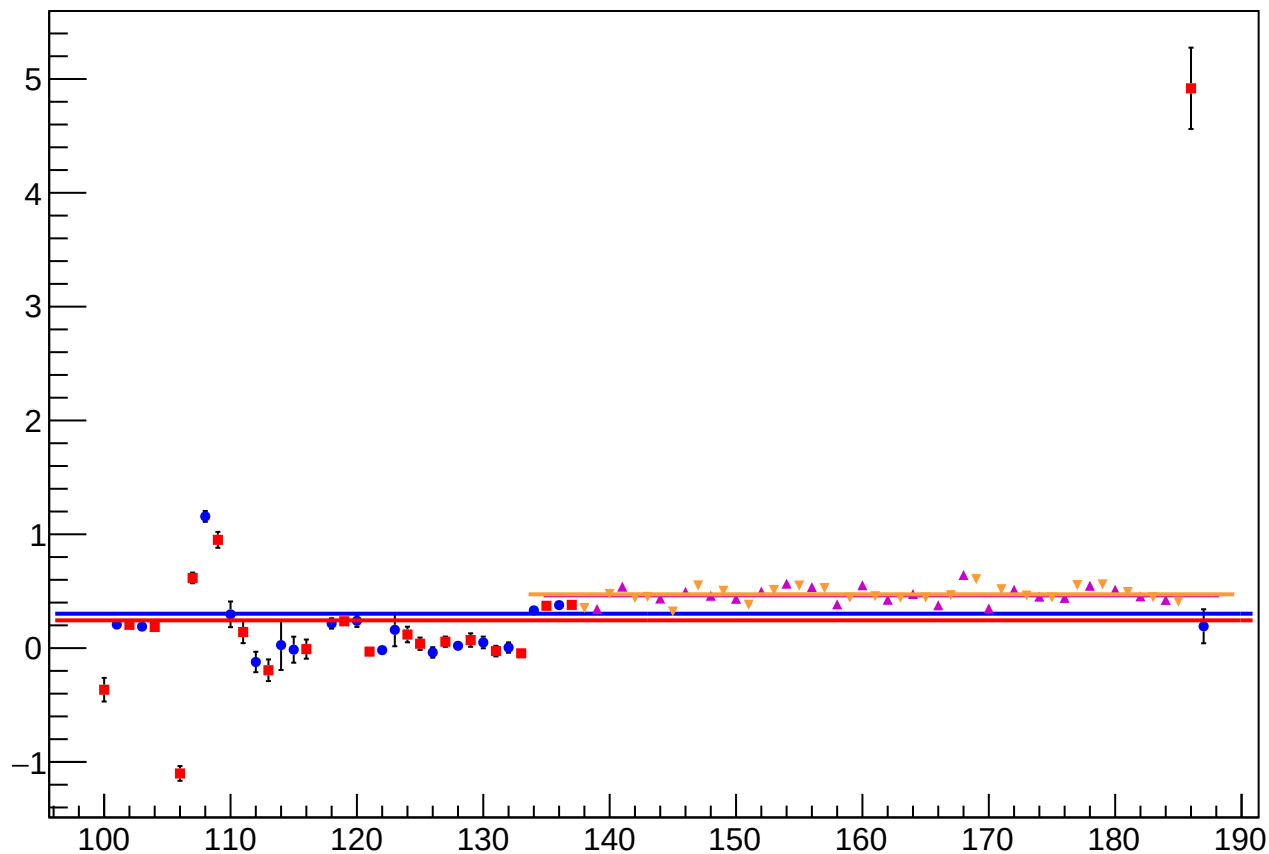
Left In: 10.818 $\pm$ 0.063 χ^2 /NDF: 3577.7/22

+ sign 10.866 $\pm$ 0.057 χ^2 /NDF: 6350.5/42

All: 10.819 $\pm$ 0.041 χ^2 /NDF: 13780.9/85

- sign 10.769 $\pm$ 0.059 χ^2 /NDF: 7429.0/42

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.302 ± 0.008 χ^2/NDF : 647.1/17

Left Out: 0.473 ± 0.003 χ^2/NDF : 515.0/24

Right Out: 0.244 ± 0.008 χ^2/NDF : 1158.0/19

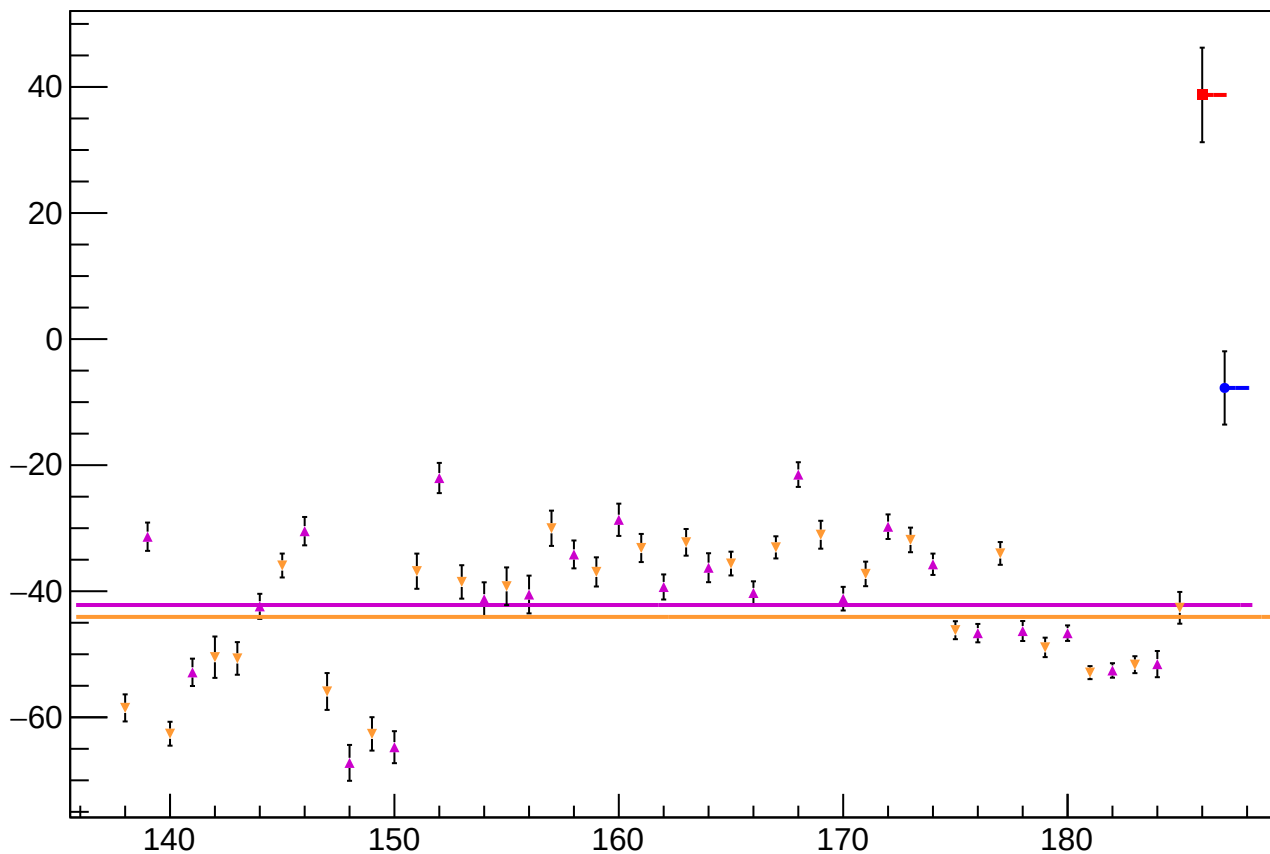
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.455 ± 0.003 χ^2/NDF : 1551.4/42

All: 0.449 ± 0.002 χ^2/NDF : 4075.4/85

- sign 0.442 ± 0.003 χ^2/NDF : 2511.8/42

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -7.749 ± 5.815 χ^2/NDF : 0.0/0

Left Out: -44.074 ± 0.389 χ^2/NDF : 632.8/24

Right Out: 38.733 ± 7.499 χ^2/NDF : 0.0/0

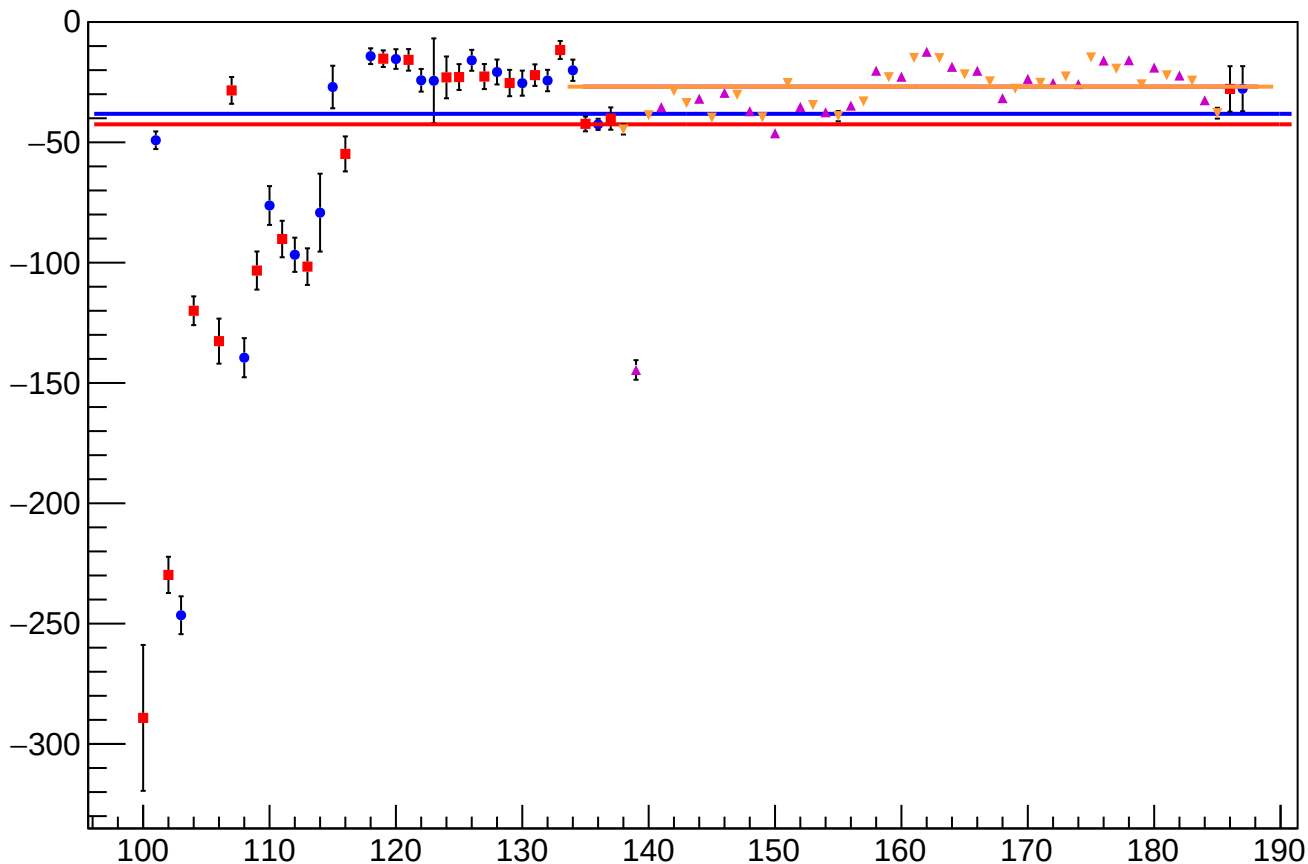
Left In: -42.185 ± 0.398 χ^2/NDF : 651.0/22

+ sign -43.912 ± 0.388 χ^2/NDF : 671.7/25

All: -42.956 ± 0.278 χ^2/NDF : 1451.2/49

- sign -41.959 ± 0.397 χ^2/NDF : 767.1/23

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.156 ± 1.129 $\chi^2/\text{NDF}: 1133.9/17$

Left Out: -26.867 ± 0.317 $\chi^2/\text{NDF}: 629.1/24$

Right Out: -42.514 ± 1.201 $\chi^2/\text{NDF}: 1344.0/19$

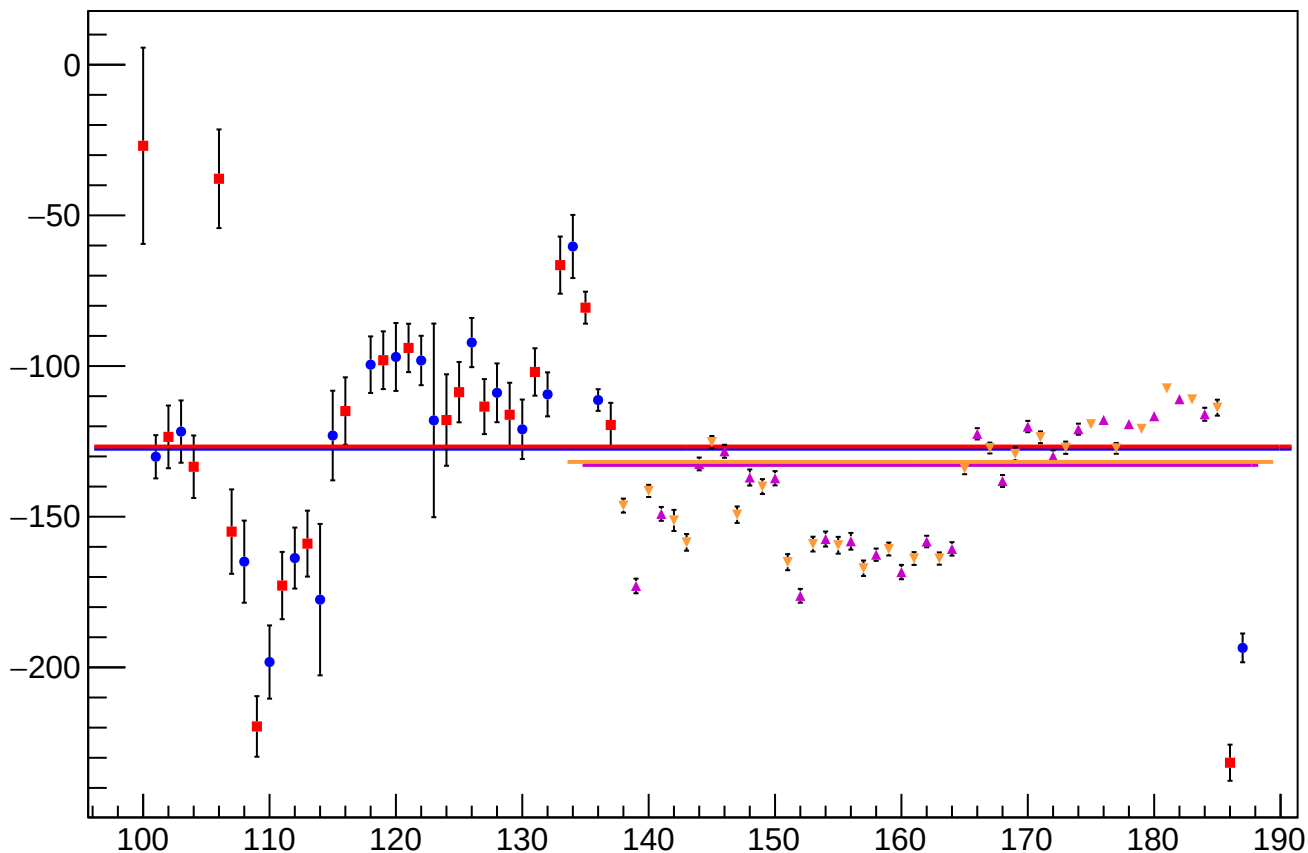
Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

+ sign -27.692 ± 0.305 $\chi^2/\text{NDF}: 1855.8/42$

All: -27.793 ± 0.219 $\chi^2/\text{NDF}: 4840.6/85$

- sign -27.899 ± 0.314 $\chi^2/\text{NDF}: 2984.7/42$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -127.426 $\pm$ 1.901 χ^2 /NDF: 369.1/17

Left Out: -131.805 $\pm$ 0.392 χ^2 /NDF:2417.0/24

Right Out: -126.714 $\pm$ 2.071 χ^2 /NDF: 620.6/19

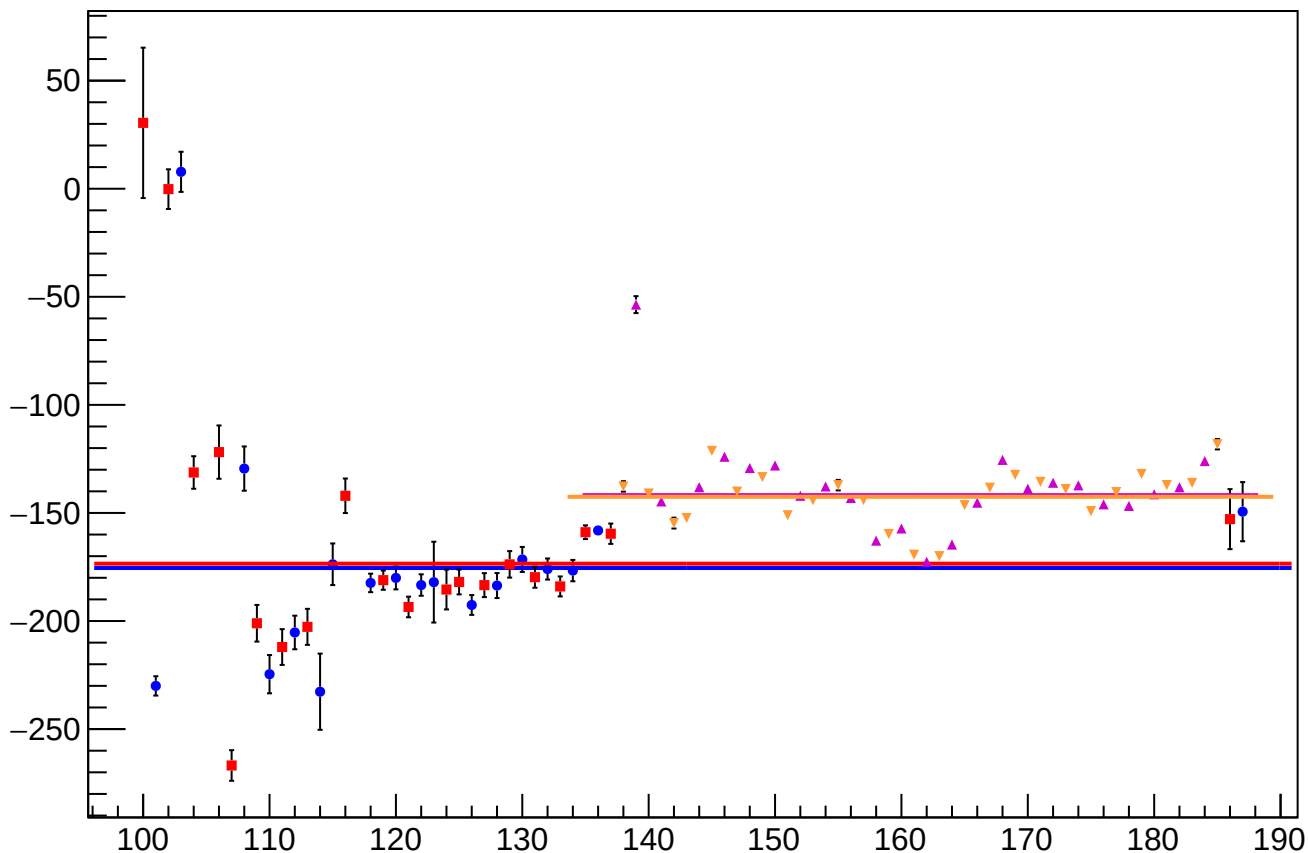
Left In: -132.799 $\pm$ 0.398 χ^2 /NDF:2515.9/22

+ sign -131.626 $\pm$ 0.384 χ^2 /NDF: 2791.2/42

All: -132.096 $\pm$ 0.274 χ^2 /NDF: 5939.1/85

- sign -132.582 $\pm$ 0.391 χ^2 /NDF: 3144.8/42

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.472 ± 1.262 χ^2/NDF : 696.6/17

Left Out: -142.517 ± 0.355 χ^2/NDF : 1144.2/24

Right Out: -173.470 ± 1.349 χ^2/NDF : 739.9/19

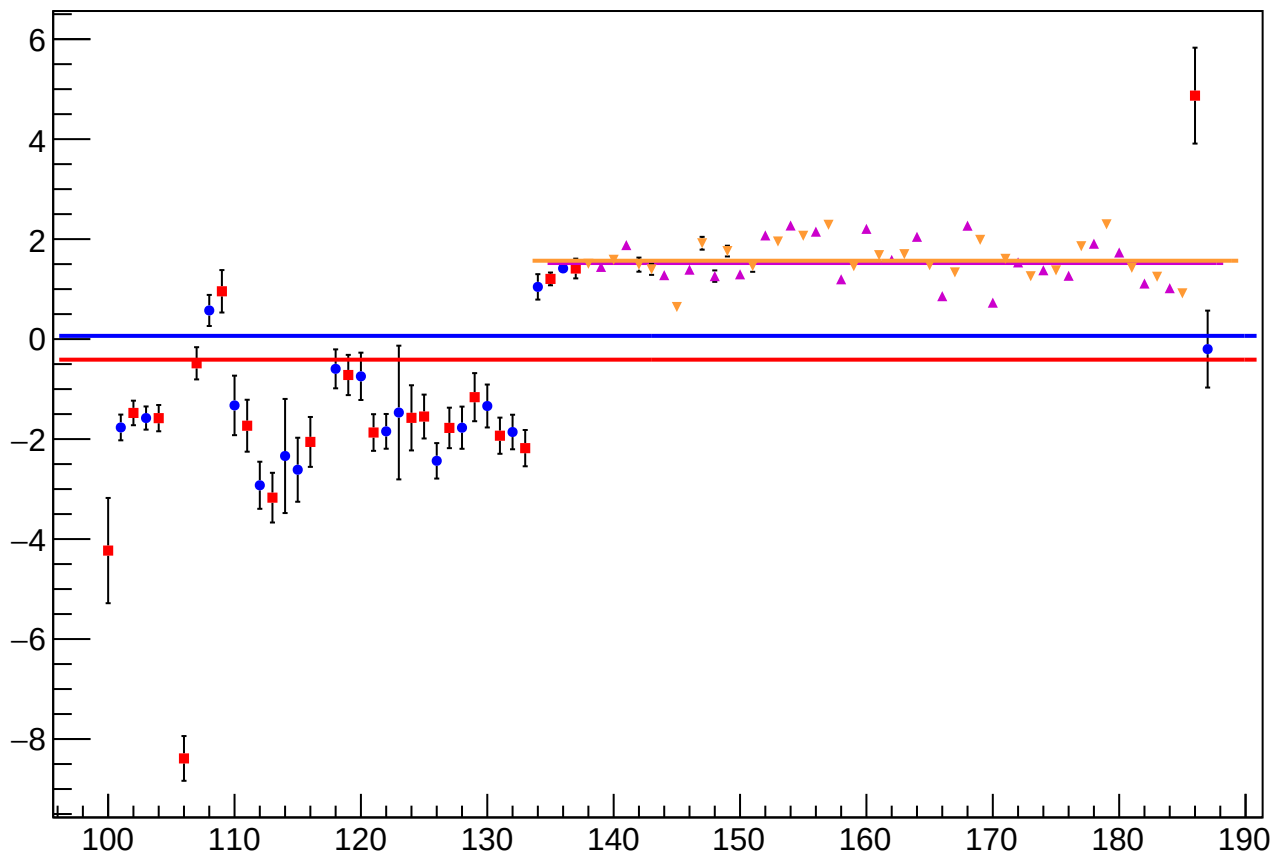
Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

+ sign -144.930 ± 0.342 χ^2/NDF : 2472.6/42

All: -144.430 ± 0.245 χ^2/NDF : 5336.0/85

- sign -143.904 ± 0.350 χ^2/NDF : 2859.0/42

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.065 ± 0.067 χ^2/NDF : 526.3/17

Left Out: 1.568 ± 0.016 χ^2/NDF : 541.0/24

Right Out: -0.411 ± 0.071 χ^2/NDF : 785.4/19

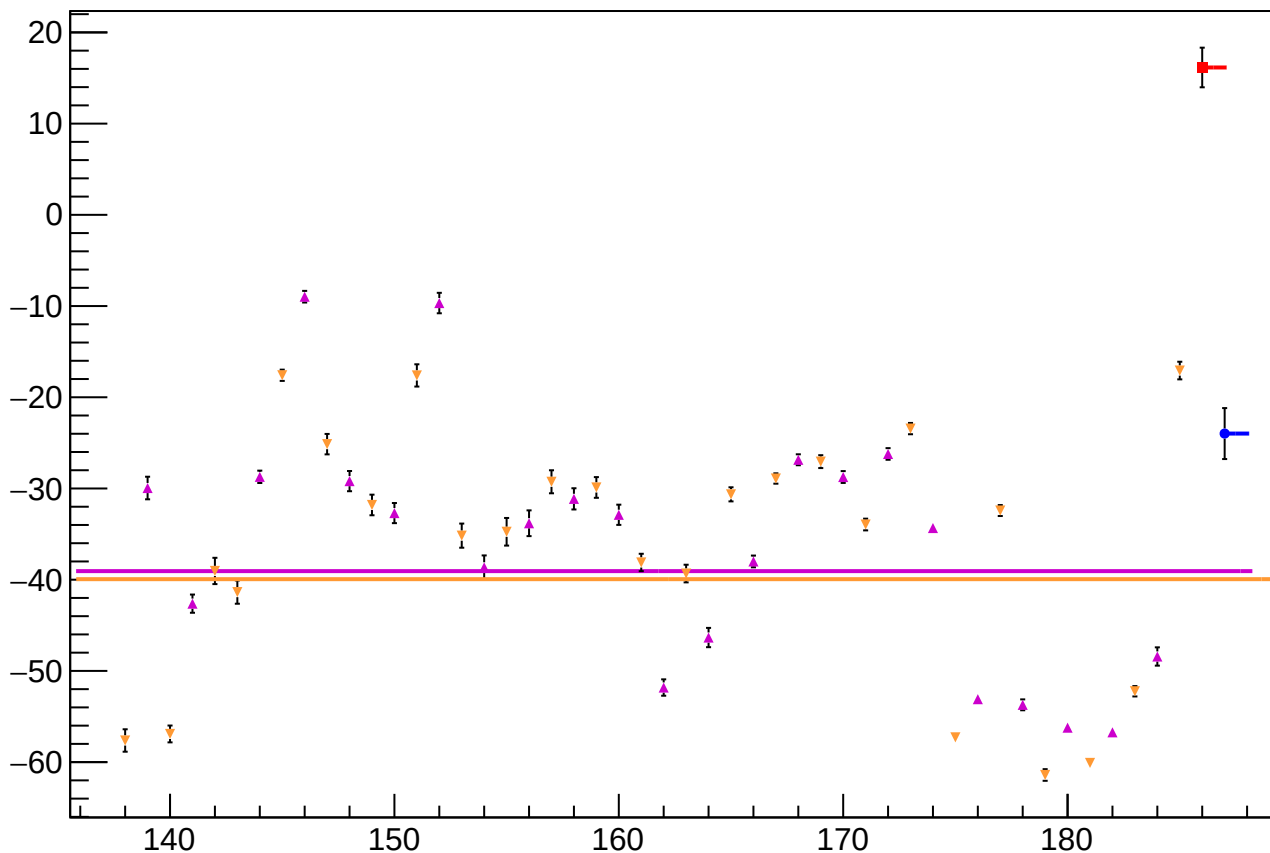
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ sign 1.484 ± 0.016 χ^2/NDF : 1546.5/42

All: 1.454 ± 0.011 χ^2/NDF : 3783.6/85

- sign 1.423 ± 0.016 χ^2/NDF : 2229.8/42

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -23.980 $\pm$ 2.794 χ^2 /NDF: 0.0/0

Left Out: -39.942 $\pm$ 0.153 χ^2 /NDF:9806.2/24

Right Out: 16.154 $\pm$ 2.172 χ^2 /NDF: 0.0/0

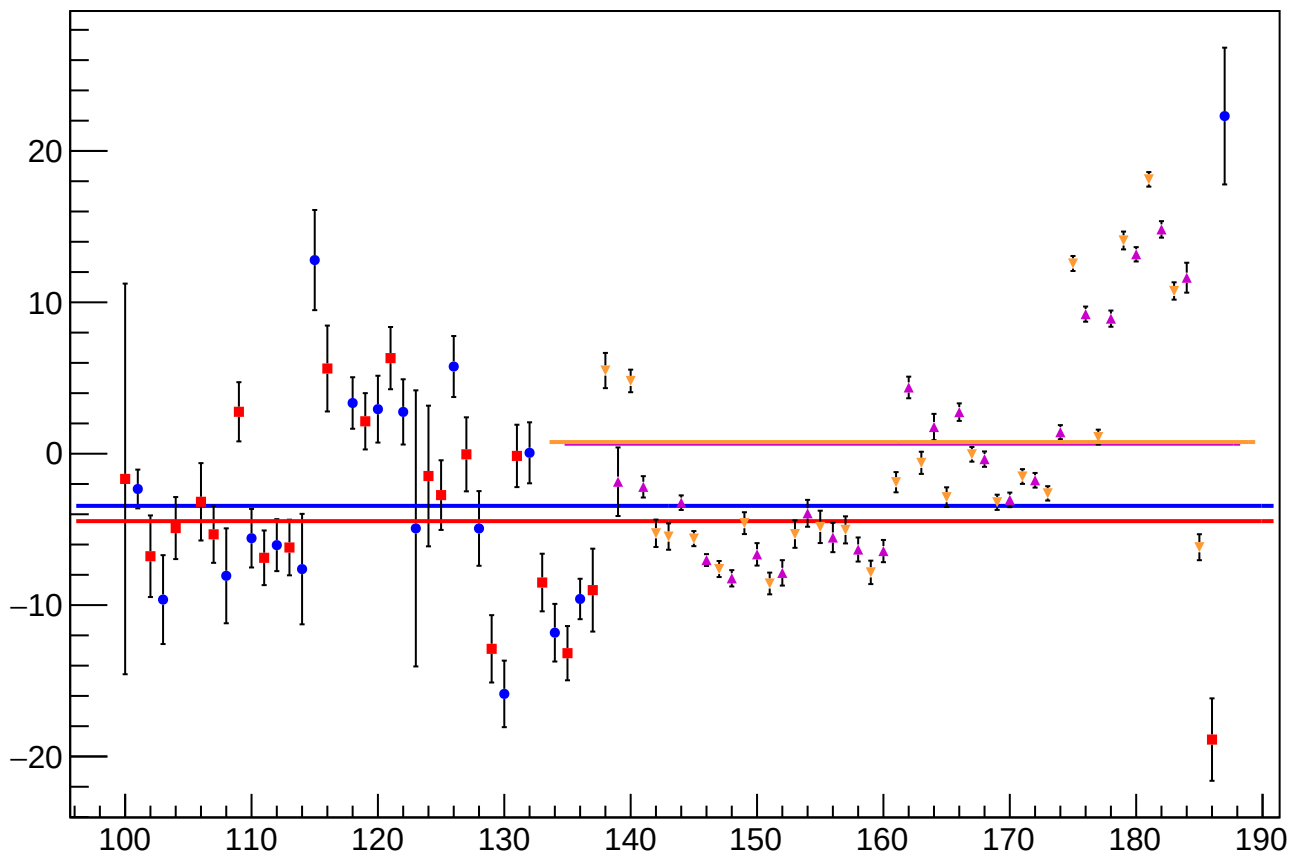
Left In: -39.060 $\pm$ 0.154 χ^2 /NDF:8577.0/22

+ sign -39.894 $\pm$ 0.153 χ^2 /NDF: 9838.7/25

All: -39.341 $\pm$ 0.108 χ^2 /NDF: 19084.7/49

- sign -38.784 $\pm$ 0.154 χ^2 /NDF: 9219.8/23

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.445 ± 0.492 χ^2/NDF : 198.2/17

Left Out: 0.770 ± 0.124 χ^2/NDF : 3952.9/24

Right Out: -4.454 ± 0.498 χ^2/NDF : 152.4/19

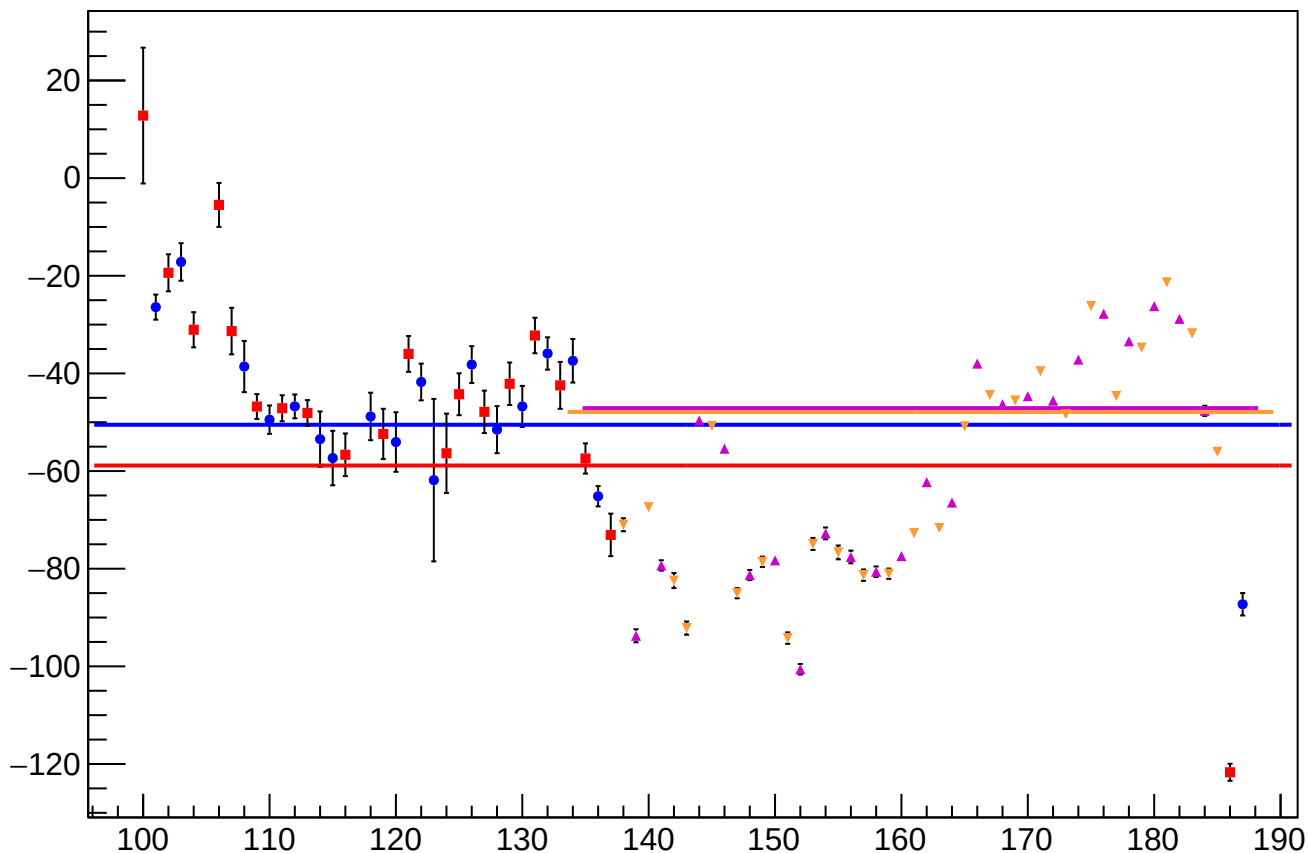
Left In: 0.662 ± 0.124 χ^2/NDF : 3340.9/22

+ sign 0.517 ± 0.121 χ^2/NDF : 4220.1/42

All: 0.440 ± 0.085 χ^2/NDF : 7813.4/85

- sign 0.364 ± 0.120 χ^2/NDF : 3592.5/42

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -50.513 ± 0.822 χ^2/NDF : 524.1/17

Left Out: -47.888 ± 0.155 χ^2/NDF : 16707.2/24

Right Out: -58.866 ± 0.784 χ^2/NDF : 1873.6/19

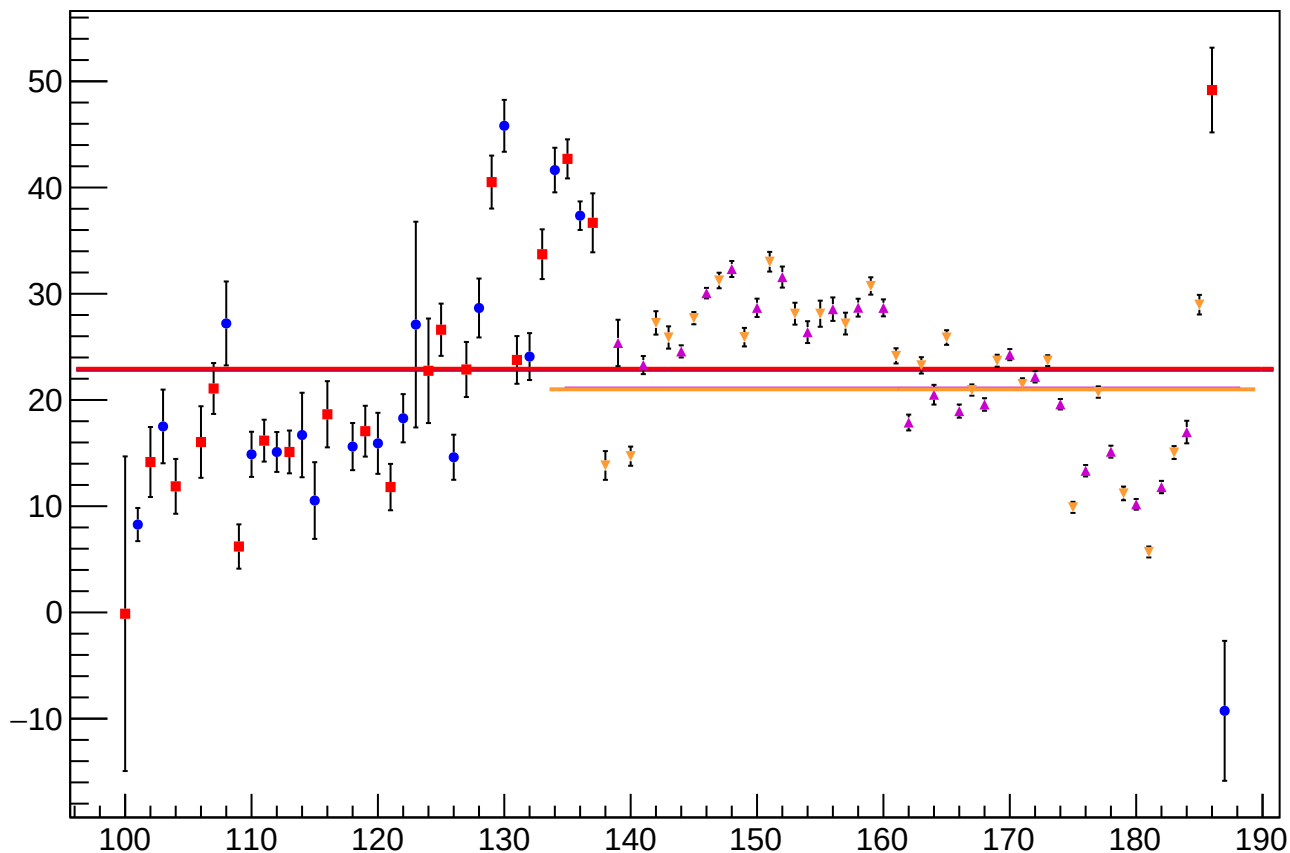
Left In: -47.112 ± 0.155 χ^2/NDF : 15654.8/22

+ sign -47.978 ± 0.152 χ^2/NDF : 17241.1/42

All: -47.765 ± 0.107 χ^2/NDF : 34989.9/85

- sign -47.553 ± 0.152 χ^2/NDF : 17744.8/42

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.850 $\pm$ 0.554 χ^2 /NDF: 485.1/17

Left Out: 21.005 $\pm$ 0.139 χ^2 /NDF:2789.5/24

Right Out: 22.938 $\pm$ 0.567 χ^2 /NDF: 414.5/19

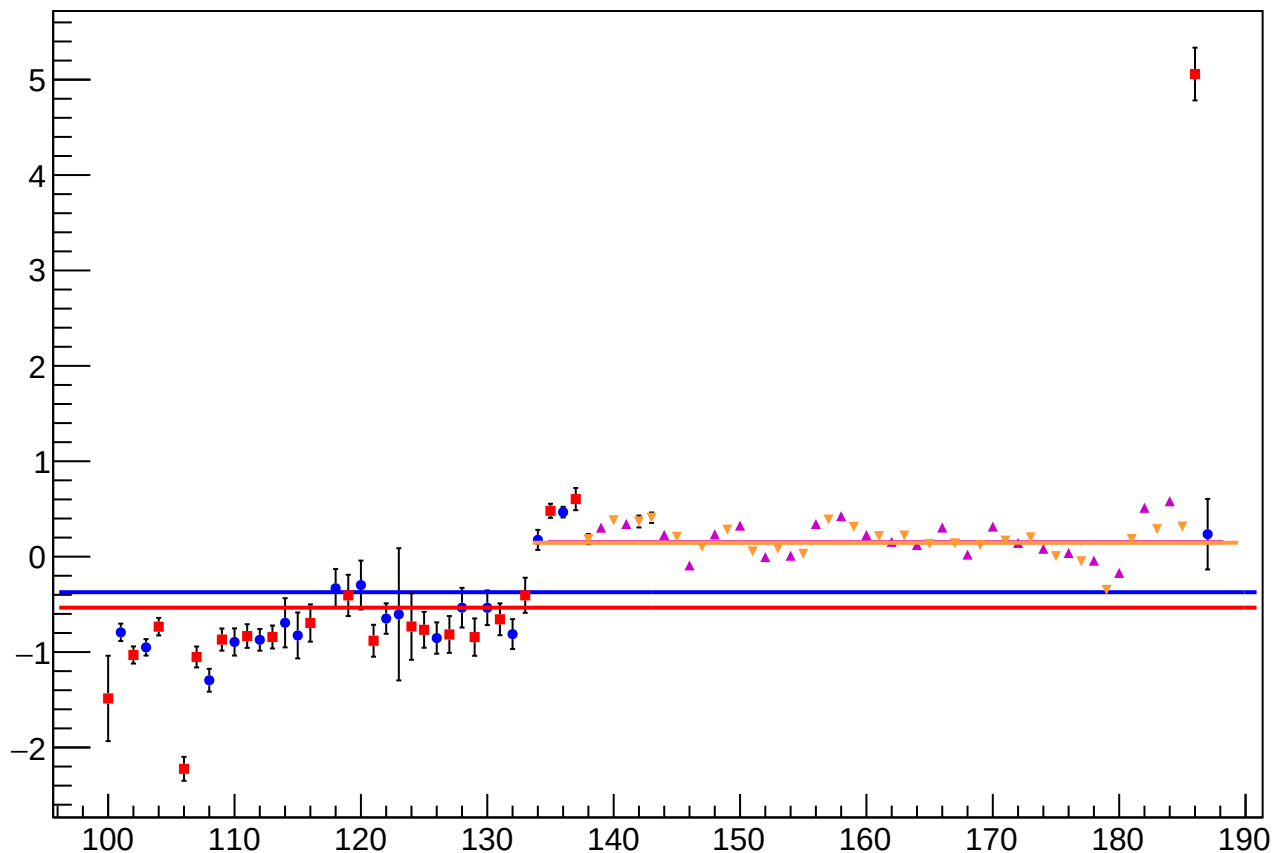
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF:2176.7/22

+ sign 21.114 $\pm$ 0.135 χ^2 /NDF: 3285.1/42

All: 21.145 $\pm$ 0.095 χ^2 /NDF: 5886.6/85

- sign 21.175 $\pm$ 0.135 χ^2 /NDF: 2601.5/42

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.373 ± 0.030 $\chi^2/\text{NDF}: 439.9/17$

Left Out: 0.146 ± 0.006 $\chi^2/\text{NDF}: 609.8/24$

Right Out: -0.535 ± 0.030 $\chi^2/\text{NDF}: 970.0/19$

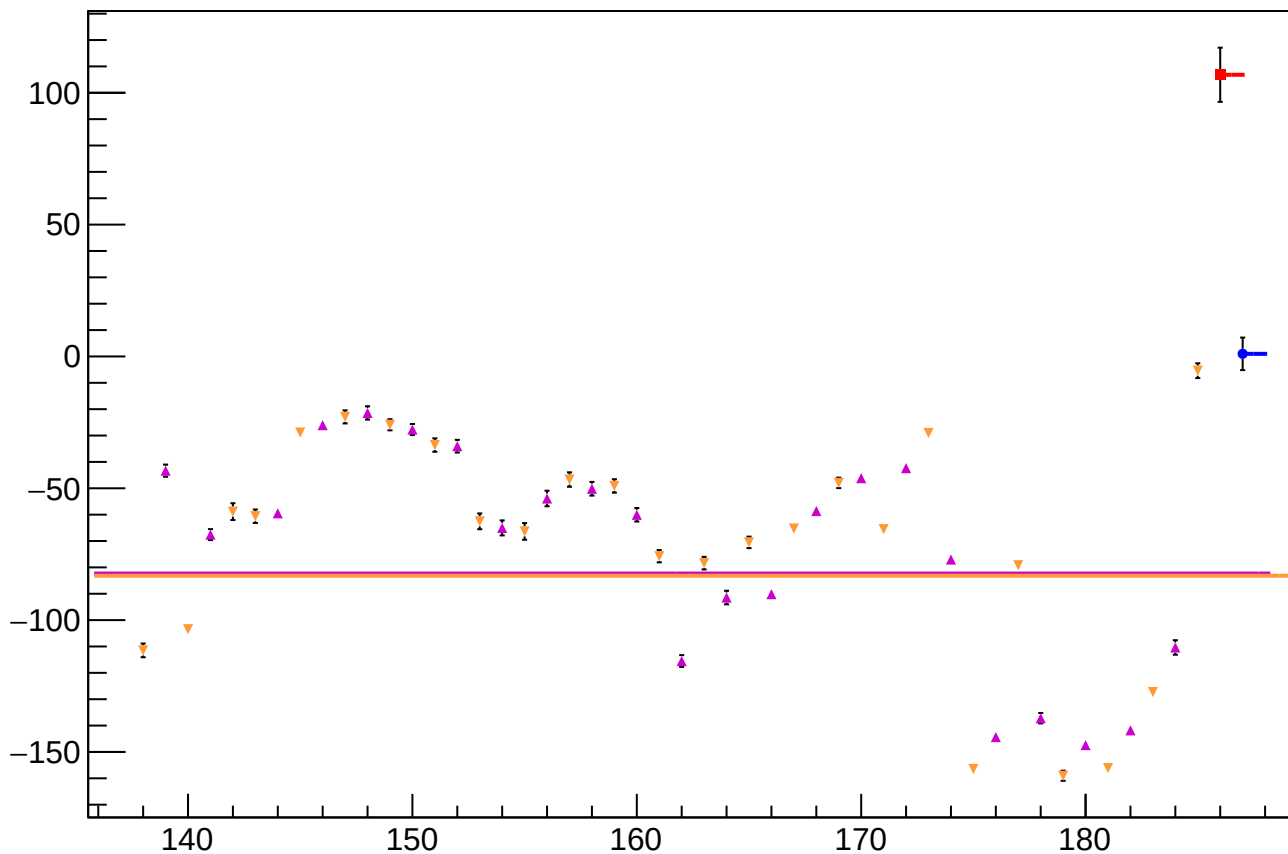
Left In: 0.151 ± 0.006 $\chi^2/\text{NDF}: 873.9/22$

+ sign 0.124 ± 0.006 $\chi^2/\text{NDF}: 1336.2/42$

All: 0.123 ± 0.004 $\chi^2/\text{NDF}: 3680.5/85$

- sign 0.122 ± 0.006 $\chi^2/\text{NDF}: 2344.3/42$

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: 0.990 ± 6.163 χ^2/NDF : 0.0/0

Left Out: -83.163 ± 0.407 χ^2/NDF : 13794.3/24

Right Out: 106.825 ± 10.282 χ^2/NDF : 0.0/0

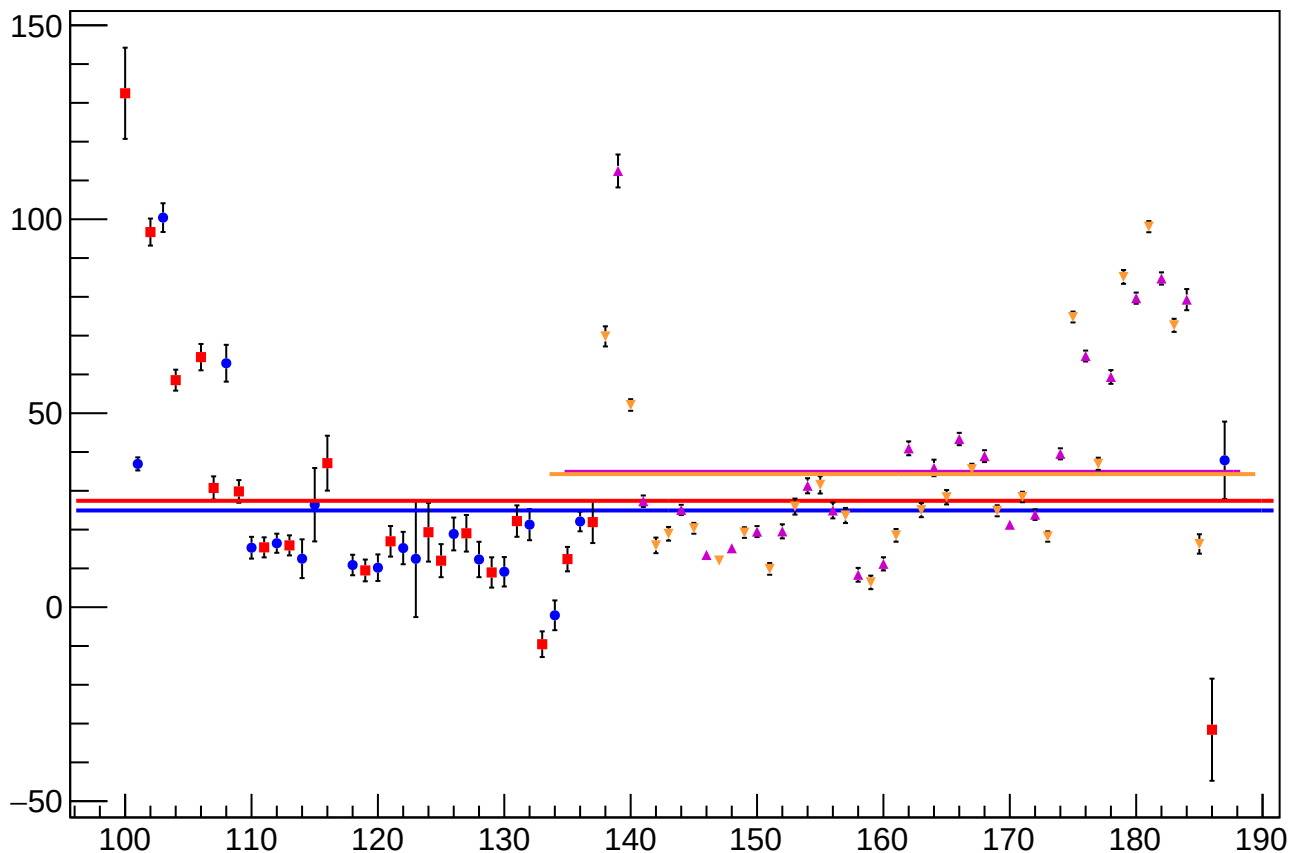
Left In: -82.342 ± 0.413 χ^2/NDF : 10954.9/22

+ sign -82.797 ± 0.406 χ^2/NDF : 13979.9/25

All: -82.423 ± 0.289 χ^2/NDF : 25274.5/49

- sign -82.038 ± 0.413 χ^2/NDF : 11292.9/23

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.931+/-0.798 χ^2/NDF : 692.5/17

Left Out: 34.306+/-0.321 χ^2/NDF : 6163.7/24

Right Out: 27.424+/-0.809 χ^2/NDF : 1029.3/19

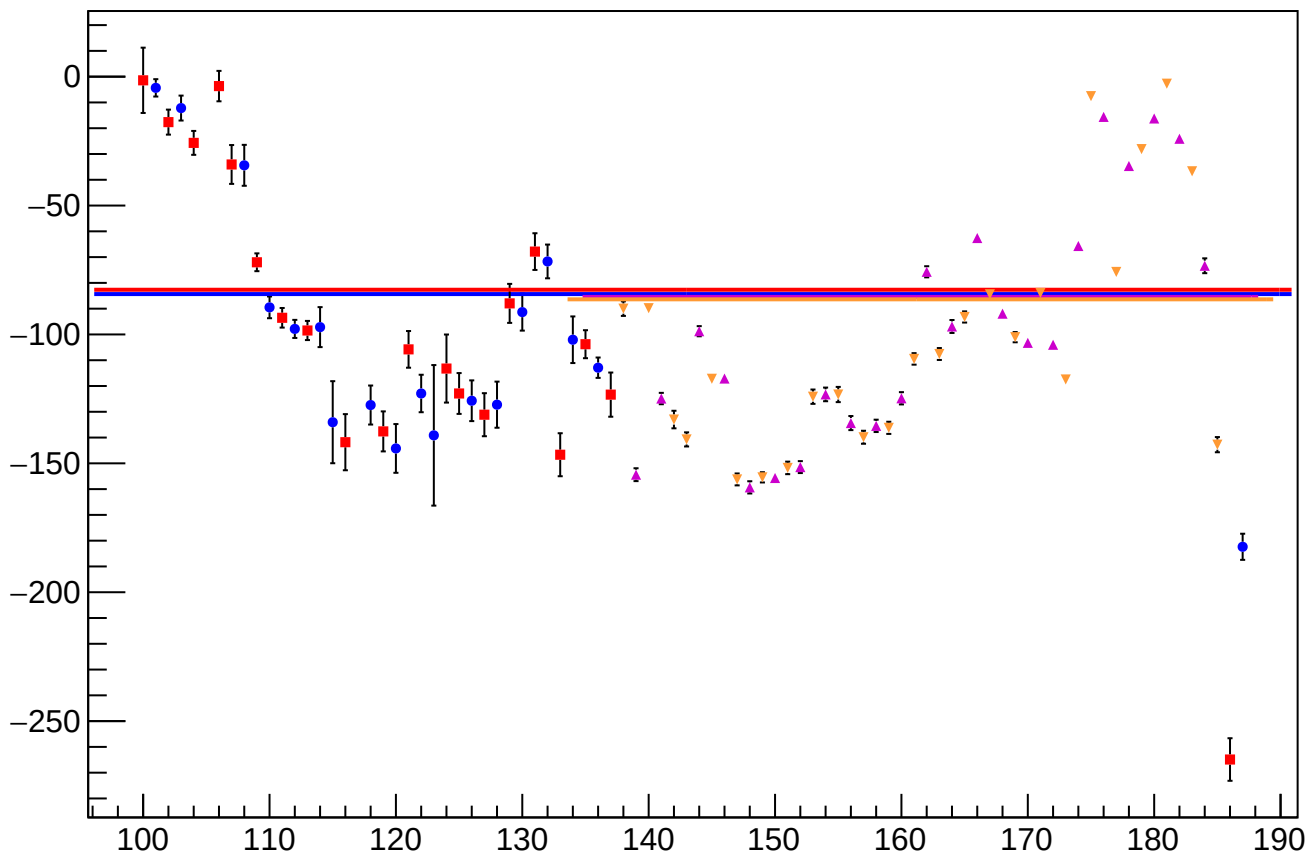
Left In: 34.893+/-0.328 χ^2/NDF : 4754.6/22

+ sign 33.001+/-0.298 χ^2/NDF : 6975.0/42

All: 33.410+/-0.213 χ^2/NDF : 12835.9/85

- sign 33.837+/-0.304 χ^2/NDF : 5857.1/42

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -84.341 ± 1.360 $\chi^2/\text{NDF}: 1445.3/17$

Left Out: -86.377 ± 0.409 $\chi^2/\text{NDF}: 14435.1/24$

Right Out: -82.659 ± 1.334 $\chi^2/\text{NDF}: 1371.9/19$

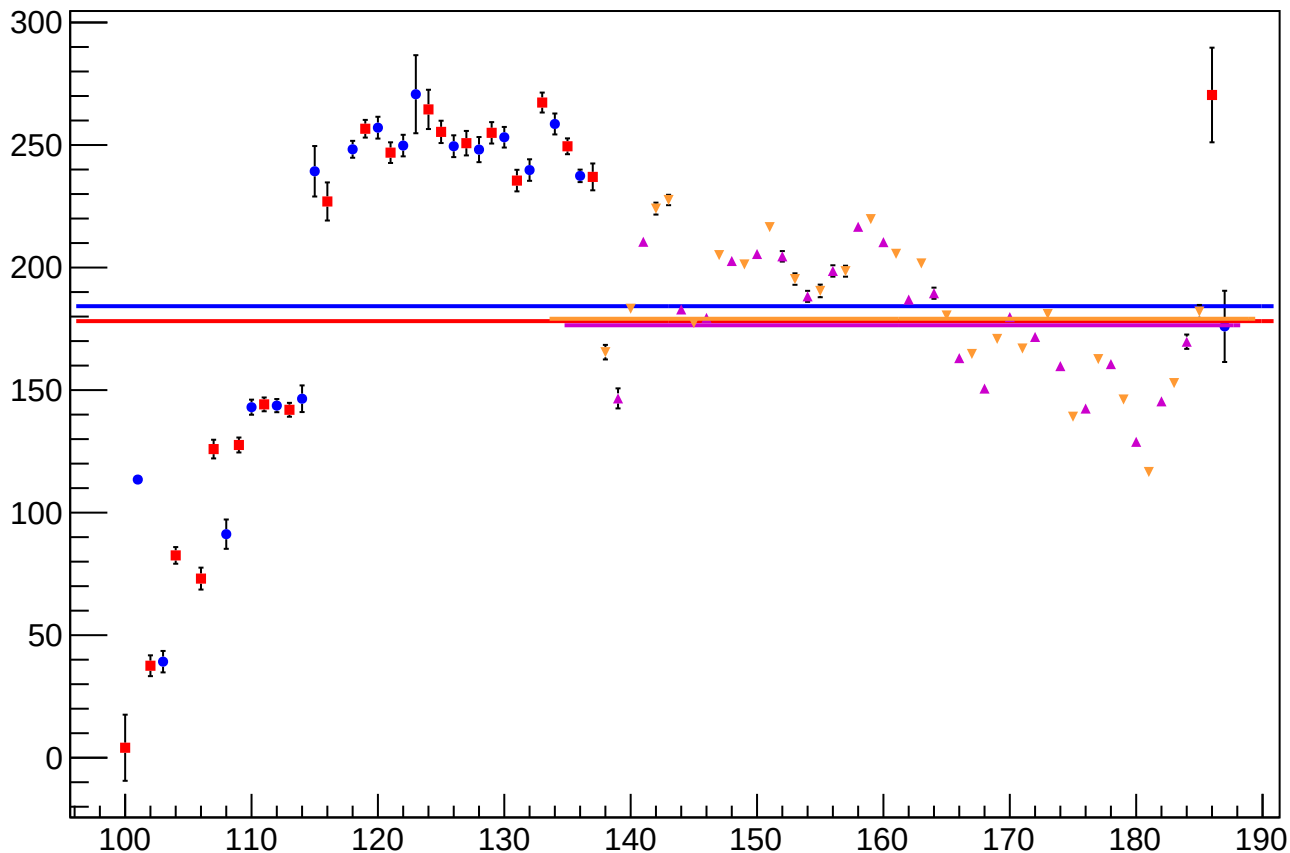
Left In: -85.441 ± 0.413 $\chi^2/\text{NDF}: 12998.9/22$

+ sign -86.208 ± 0.392 $\chi^2/\text{NDF}: 15882.5/42$

All: -85.707 ± 0.278 $\chi^2/\text{NDF}: 30260.4/85$

- sign -85.198 ± 0.395 $\chi^2/\text{NDF}: 14374.7/42$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.239 $\pm$ 0.912 χ^2 /NDF: 5401.3/17

Left Out: 179.109 $\pm$ 0.363 χ^2 /NDF: 5877.5/24

Right Out: 178.141 $\pm$ 0.923 χ^2 /NDF: 6353.8/19

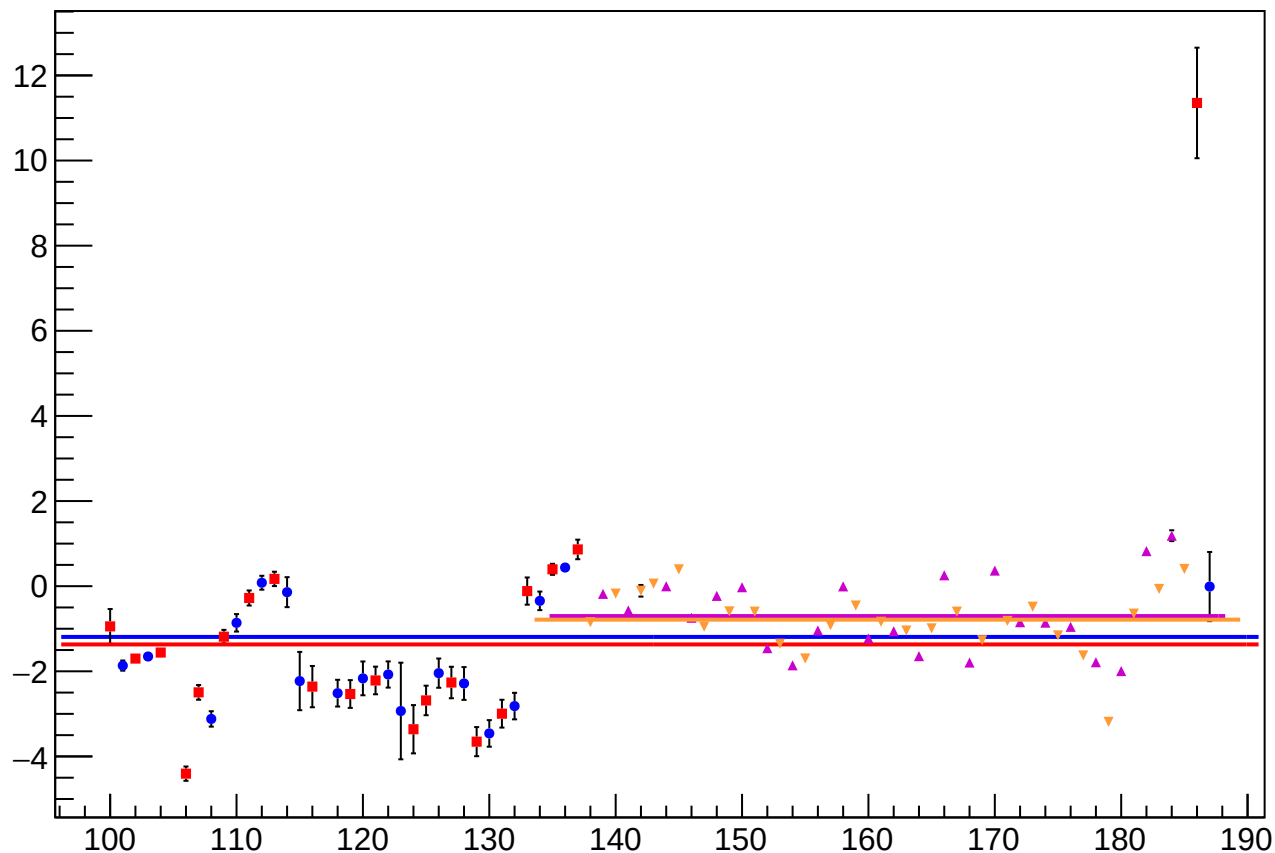
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ sign 179.809 $\pm$ 0.337 χ^2 /NDF: 11306.1/42

All: 178.275 $\pm$ 0.240 χ^2 /NDF: 22147.2/85

- sign 176.683 $\pm$ 0.343 χ^2 /NDF: 10798.8/42

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.192 ± 0.048 χ^2/NDF : 625.2/17

Left Out: -0.787 ± 0.017 χ^2/NDF : 1760.7/24

Right Out: -1.369 ± 0.046 χ^2/NDF : 1020.5/19

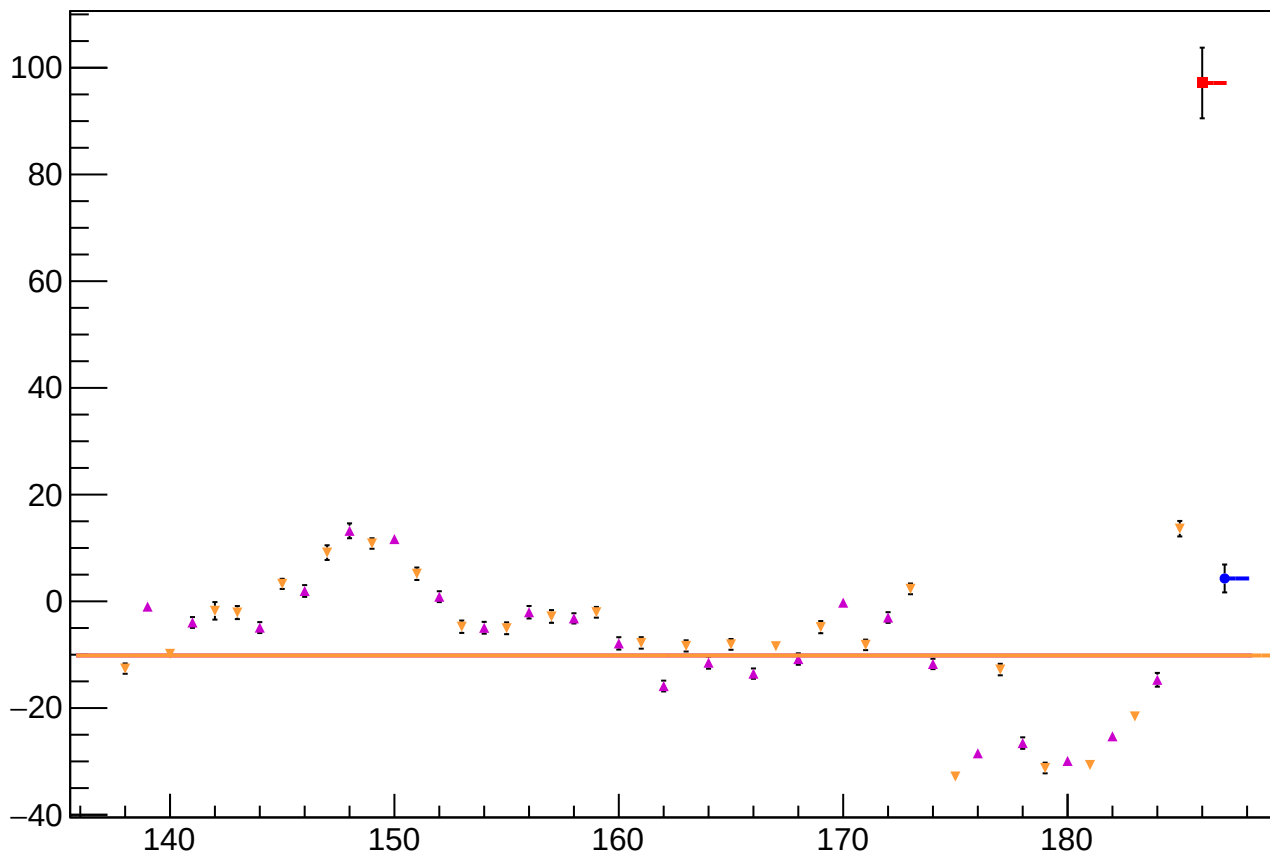
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ sign -0.830 ± 0.016 χ^2/NDF : 2449.6/42

All: -0.806 ± 0.011 χ^2/NDF : 6083.3/85

- sign -0.782 ± 0.016 χ^2/NDF : 3629.0/42

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 4.287 $\pm$ 2.614 χ^2 /NDF: 0.0/0

Left Out: -10.147 $\pm$ 0.202 χ^2 /NDF: 4128.5/24

Right Out: 97.143 $\pm$ 6.619 χ^2 /NDF: 0.0/0

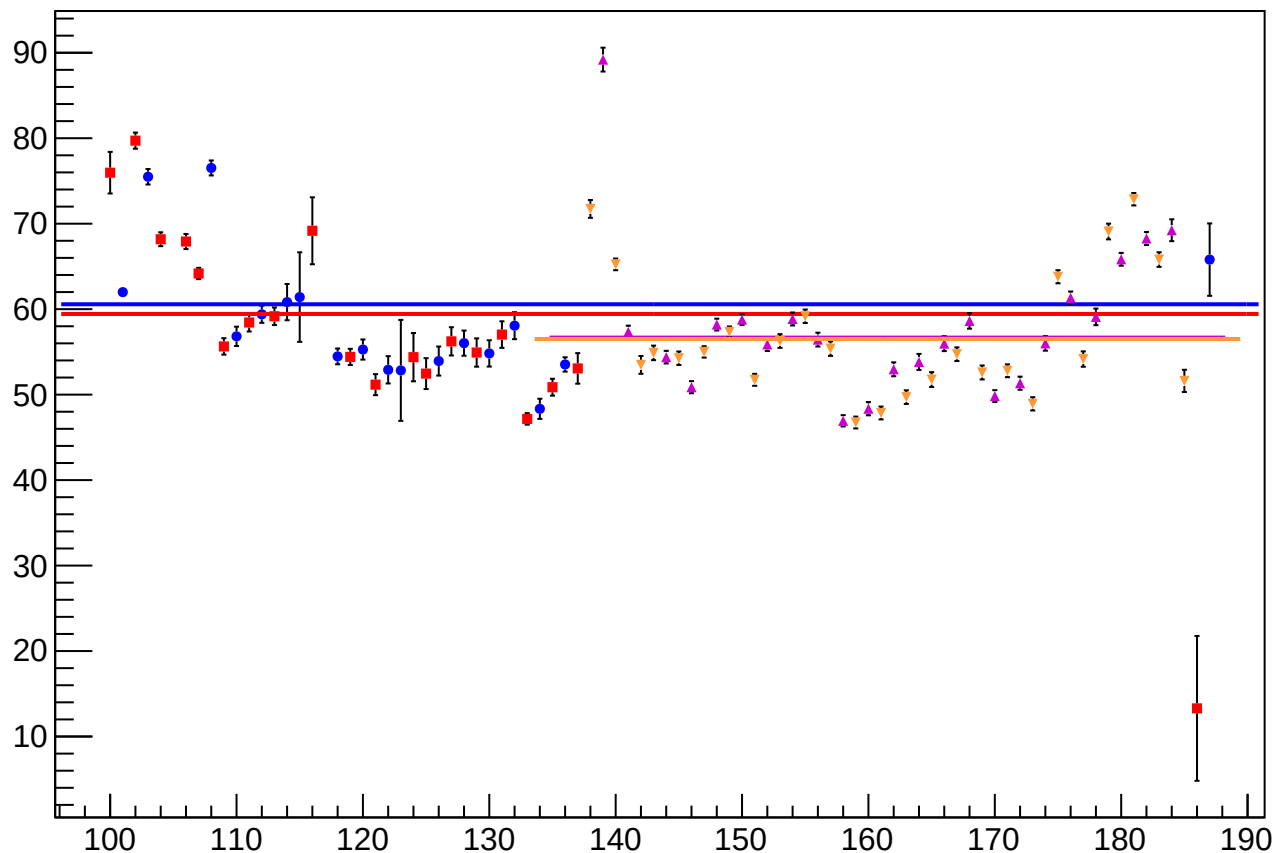
Left In: -10.149 $\pm$ 0.204 χ^2 /NDF: 3491.7/22

+ sign -10.062 $\pm$ 0.201 χ^2 /NDF: 4158.8/25

All: -10.054 $\pm$ 0.143 χ^2 /NDF: 7913.0/49

- sign -10.047 $\pm$ 0.204 χ^2 /NDF: 3754.2/23

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.574 $\pm$ 0.261 χ^2 /NDF: 932.3/17

Left Out: 56.508 $\pm$ 0.159 χ^2 /NDF:1962.3/24

Right Out: 59.438 $\pm$ 0.248 χ^2 /NDF: 1346.7/19

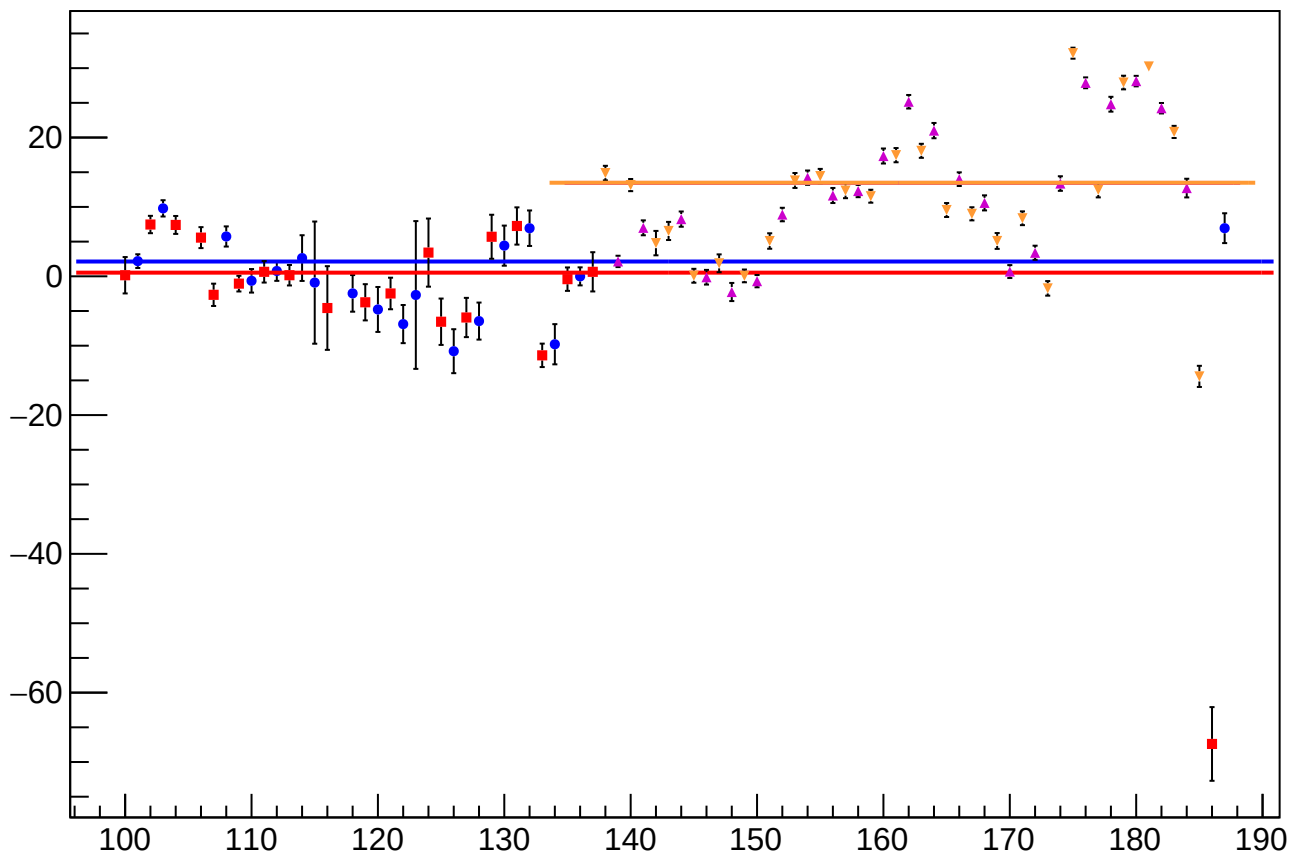
Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

+ sign 57.611 $\pm$ 0.136 χ^2 /NDF: 3071.4/42

All: 57.566 $\pm$ 0.097 χ^2 /NDF: 6184.4/85

- sign 57.521 $\pm$ 0.137 χ^2 /NDF: 3112.7/42

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 2.132 $\pm$ 0.448 χ^2 /NDF: 126.8/17

Left Out: 13.485 $\pm$ 0.202 χ^2 /NDF:2731.0/24

Right Out: 0.527 $\pm$ 0.423 χ^2 /NDF: 314.1/19

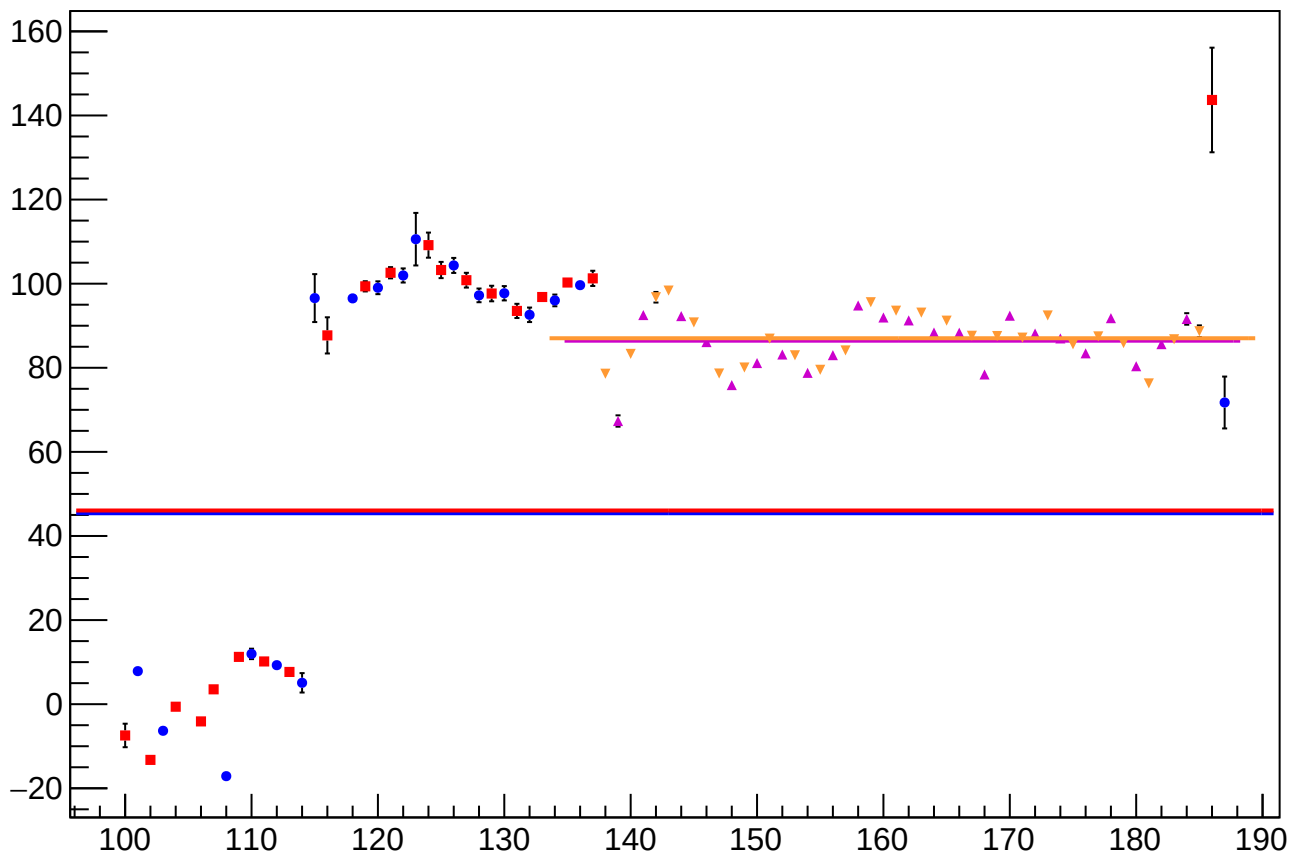
Left In: 13.456 $\pm$ 0.203 χ^2 /NDF:2371.9/22

+ sign 11.567 $\pm$ 0.184 χ^2 /NDF: 3392.2/42

All: 11.299 $\pm$ 0.130 χ^2 /NDF: 6842.1/85

- sign 11.033 $\pm$ 0.183 χ^2 /NDF: 3445.7/42

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.407 $\pm$ 0.303 χ^2 /NDF: 25089.3/17

Left Out: 87.023 $\pm$ 0.179 χ^2 /NDF:1057.2/24

Right Out: 46.060 $\pm$ 0.289 χ^2 /NDF: 28281.5/19

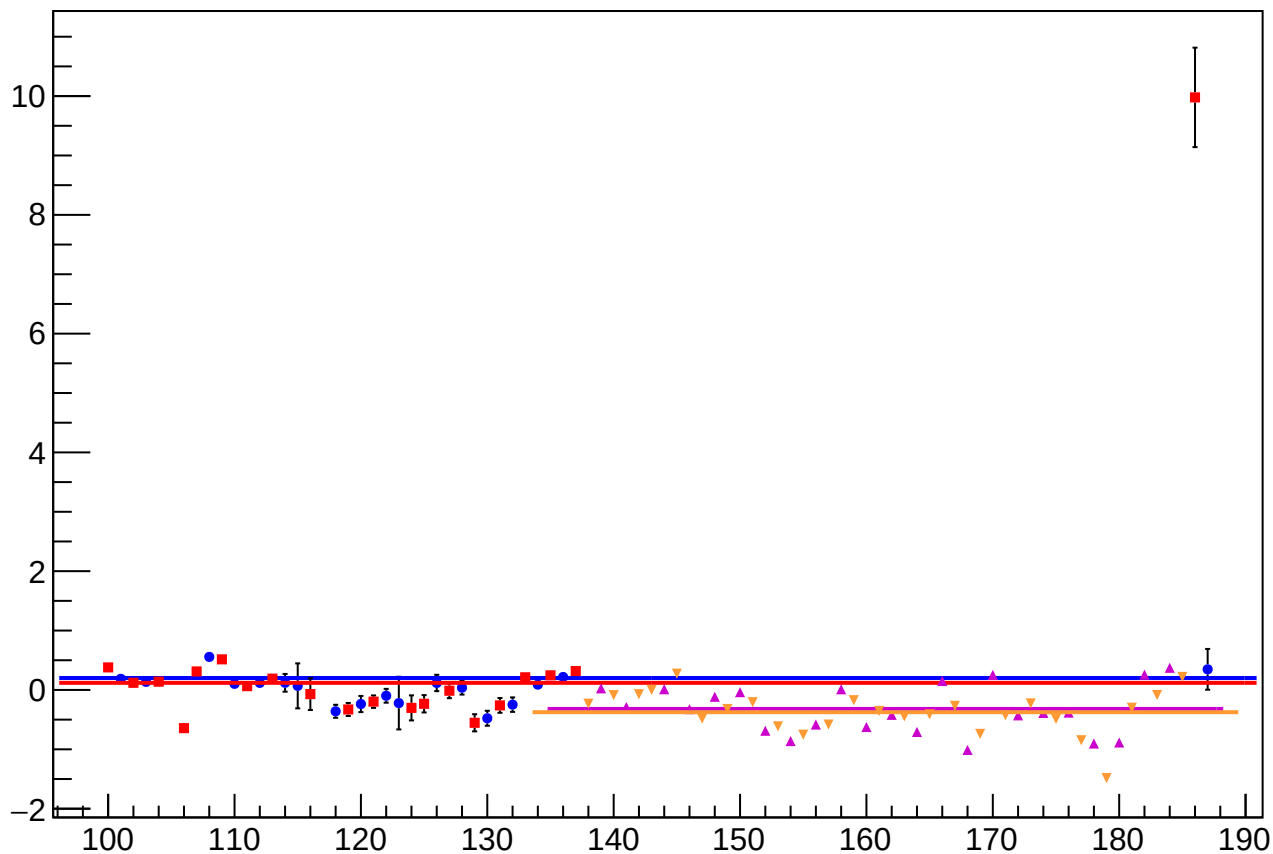
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 76.207 $\pm$ 0.154 χ^2 /NDF: 40119.2/42

All: 75.516 $\pm$ 0.109 χ^2 /NDF: 83347.2/85

- sign 74.818 $\pm$ 0.155 χ^2 /NDF: 43187.7/42

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 218.0/17

Left Out: -0.375 ± 0.008 χ^2/NDF : 1657.5/24

Right Out: 0.120 ± 0.013 χ^2/NDF : 638.7/19

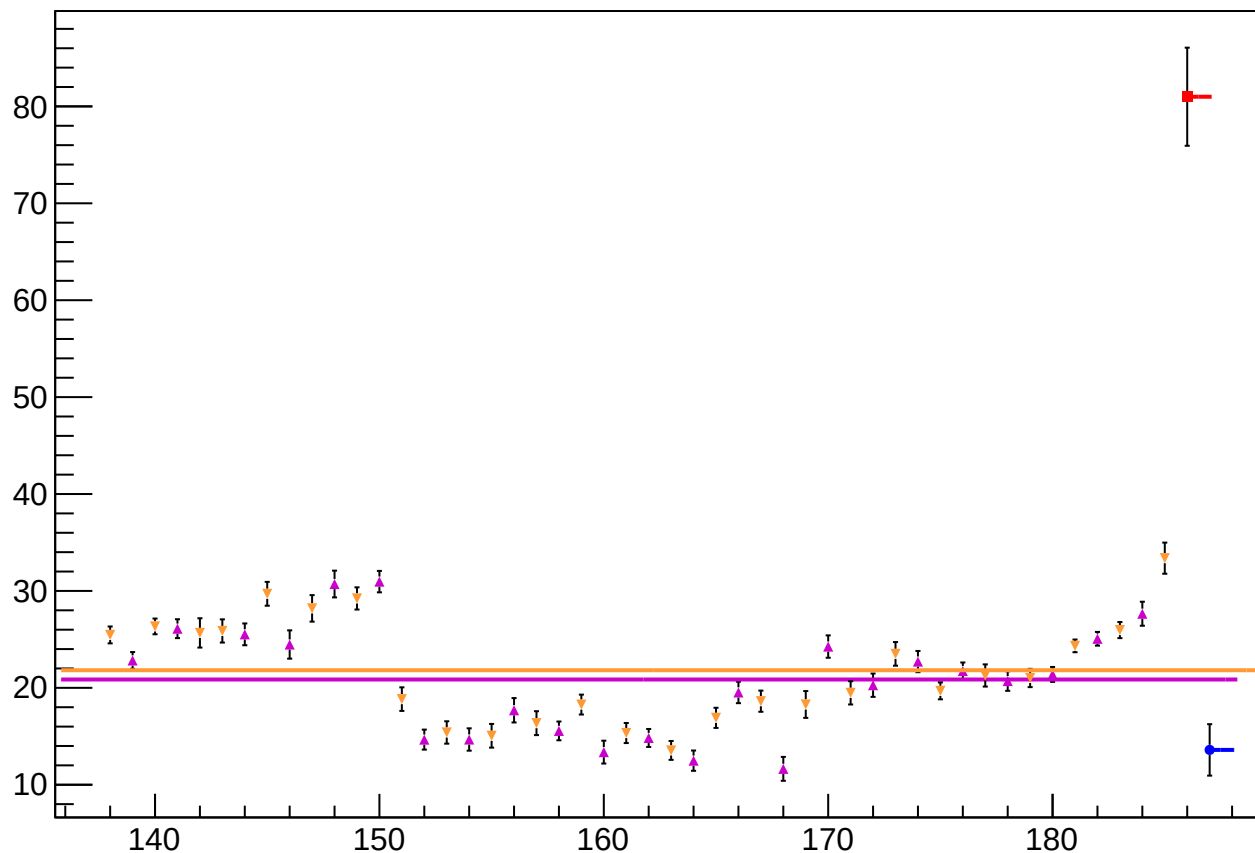
Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

+ sign -0.230 ± 0.007 χ^2/NDF : 3138.3/42

All: -0.213 ± 0.005 χ^2/NDF : 6933.4/85

- sign -0.196 ± 0.007 χ^2/NDF : 3783.5/42

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 13.595 $\pm$ 2.654 χ^2 /NDF: 0.0/0

Left Out: 21.818 $\pm$ 0.210 χ^2 /NDF: 522.7/24

Right Out: 80.998 $\pm$ 5.062 χ^2 /NDF: 0.0/0

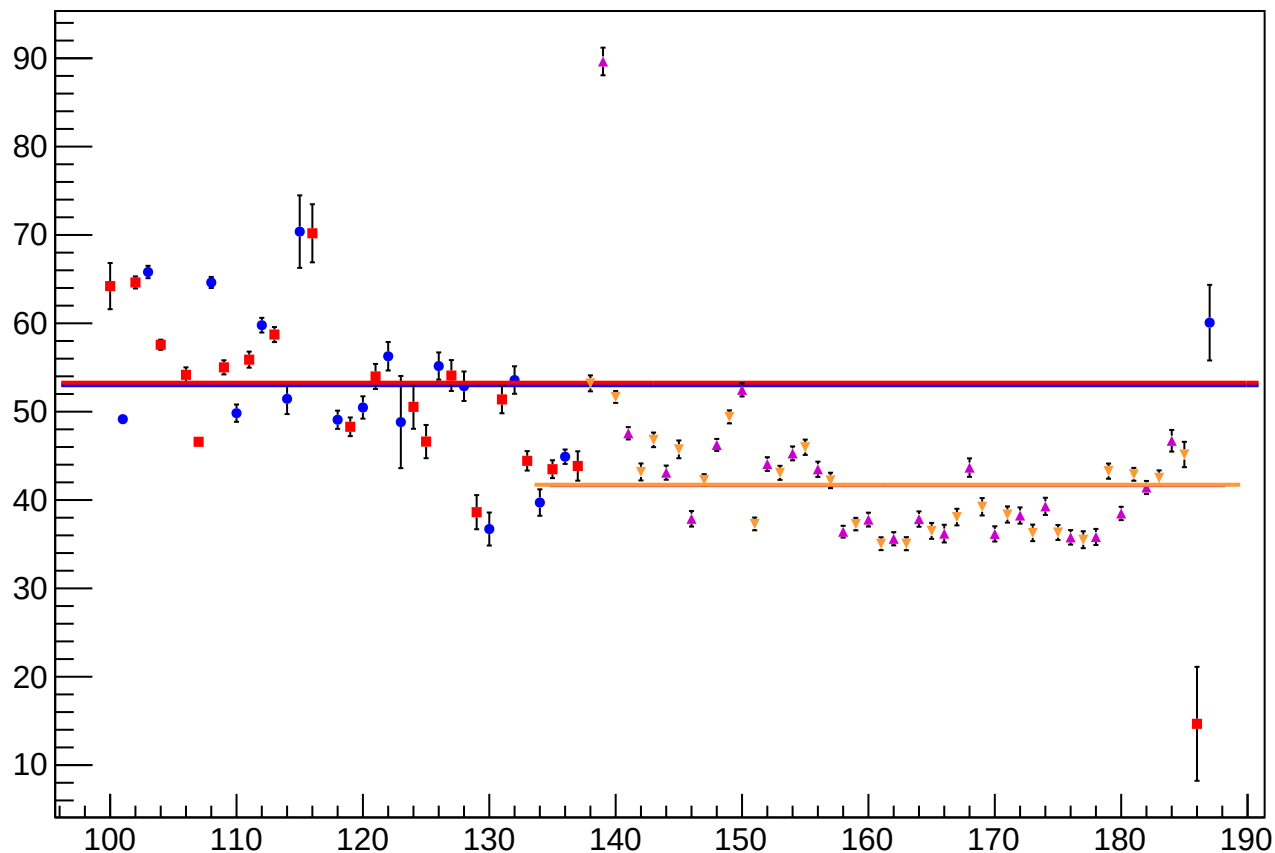
Left In: 20.860 $\pm$ 0.216 χ^2 /NDF: 575.5/22

+ sign 21.767 $\pm$ 0.210 χ^2 /NDF: 532.2/25

All: 21.379 $\pm$ 0.150 χ^2 /NDF: 1255.7/49

- sign 20.969 $\pm$ 0.215 χ^2 /NDF: 716.4/23

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.998 $\pm$ 0.210 χ^2 /NDF: 1200.5/17

Left Out: 41.732 $\pm$ 0.166 χ^2 /NDF: 1014.0/24

Right Out: 53.280 $\pm$ 0.227 χ^2 /NDF: 908.6/19

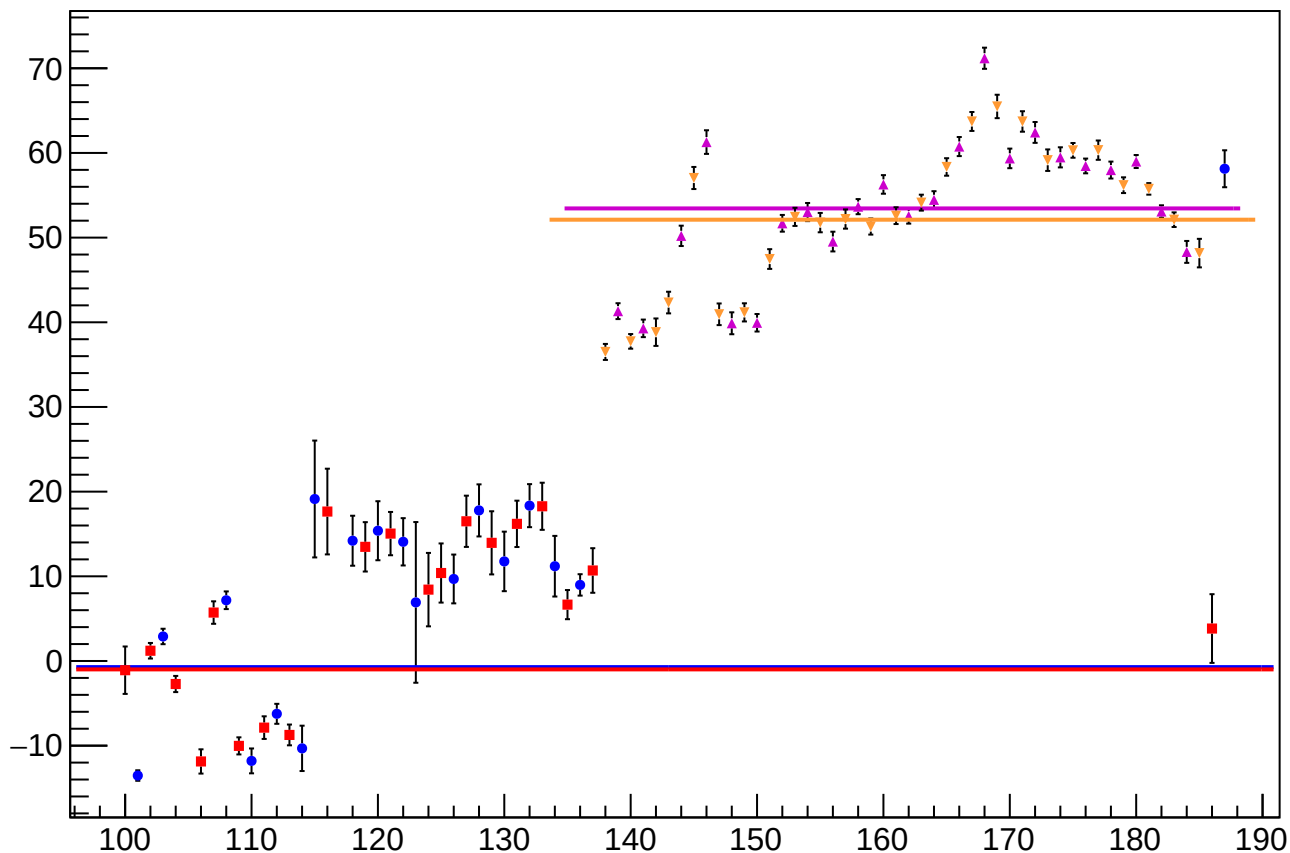
Left In: 41.682 $\pm$ 0.173 χ^2 /NDF: 1715.9/22

+ sign 46.063 $\pm$ 0.130 χ^2 /NDF: 3987.8/42

All: 46.017 $\pm$ 0.095 χ^2 /NDF: 8265.0/85

- sign 45.967 $\pm$ 0.138 χ^2 /NDF: 4276.9/42

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -0.724 ± 0.359 χ^2/NDF : 1588.9/17

Left Out: 52.116 ± 0.210 χ^2/NDF : 1445.4/24

Right Out: -0.993 ± 0.375 χ^2/NDF : 509.2/19

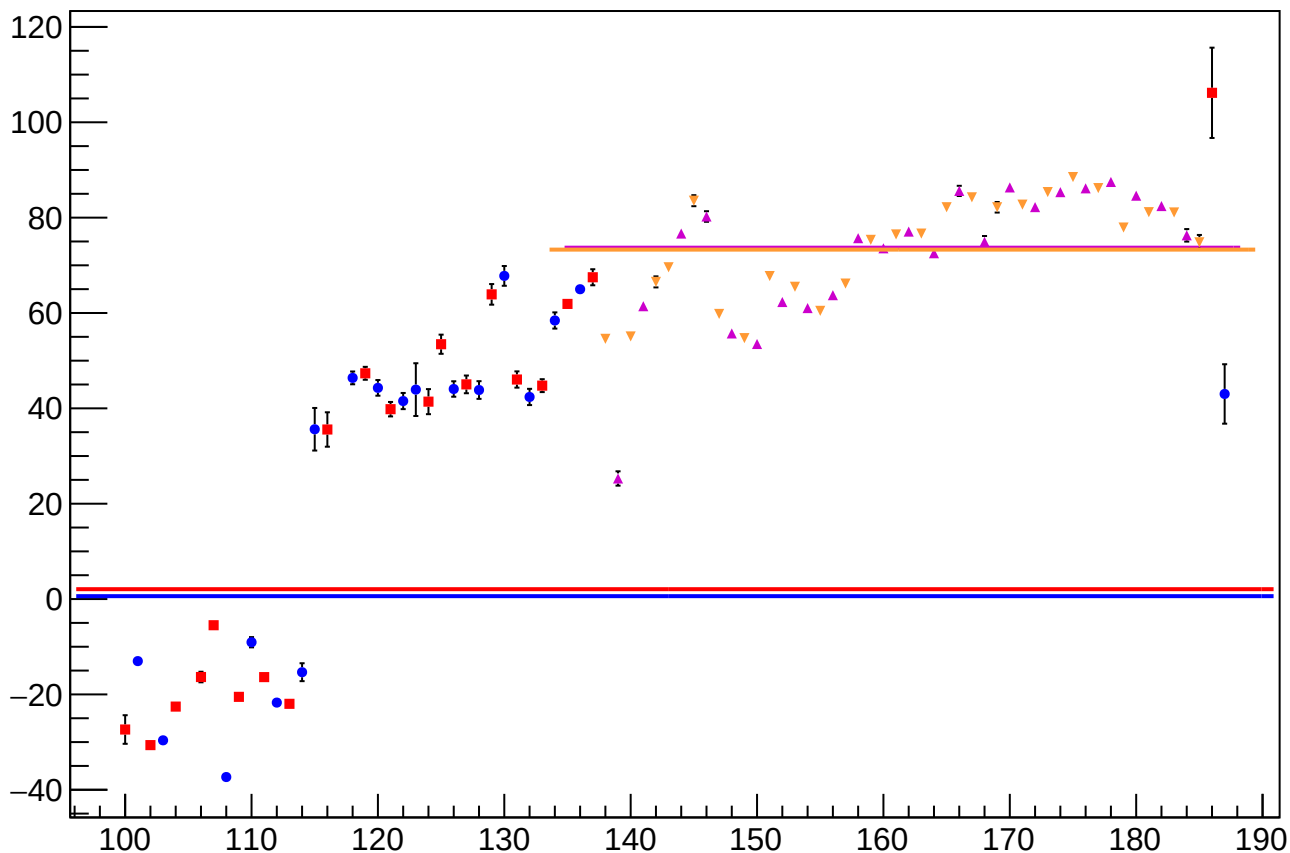
Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

+ sign 38.595 ± 0.182 χ^2/NDF : 19167.3/42

All: 39.304 ± 0.130 χ^2/NDF : 36739.3/85

- sign 40.049 ± 0.186 χ^2/NDF : 17540.8/42

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.608 ± 0.247 χ^2/NDF : 18470.2/17

Left Out: 73.294 ± 0.187 χ^2/NDF : 3148.2/24

Right Out: 2.072 ± 0.266 χ^2/NDF : 15597.7/19

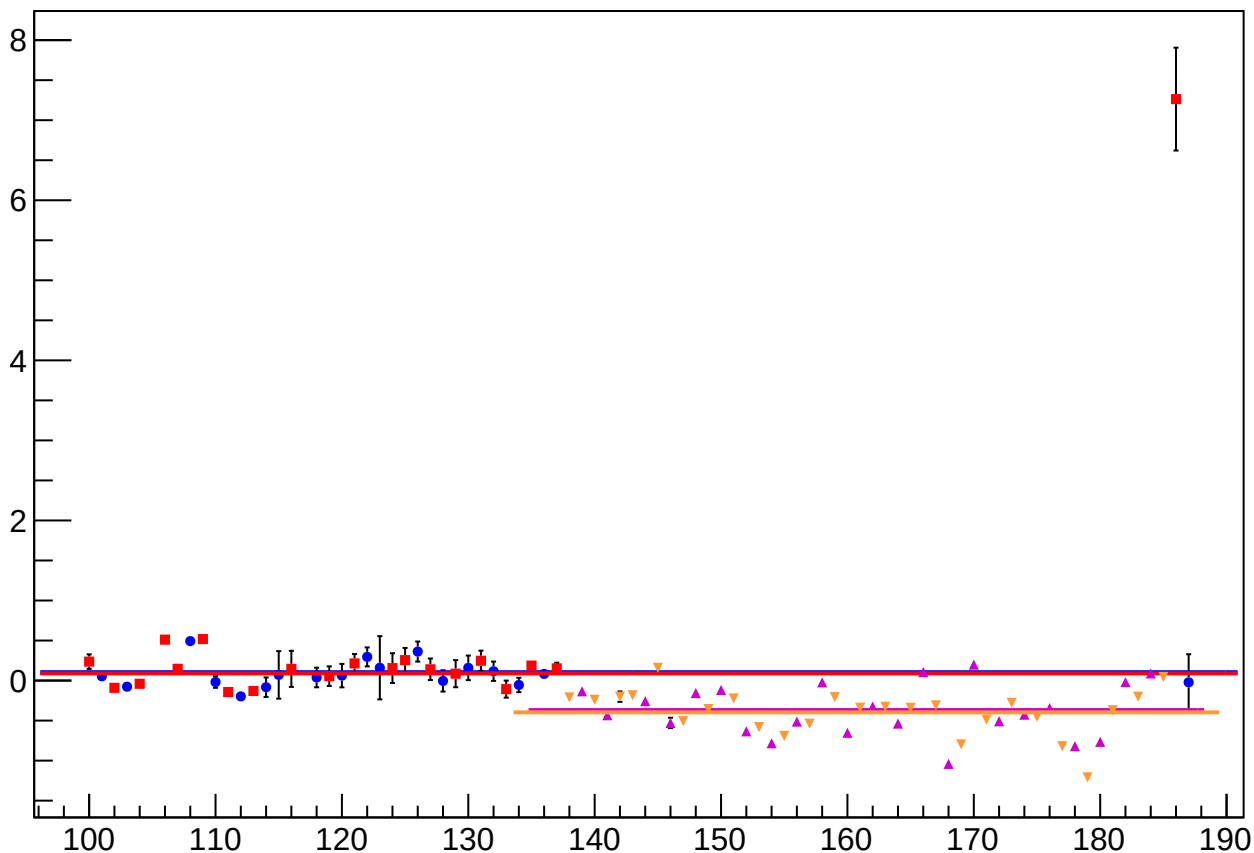
Left In: 73.699 ± 0.194 χ^2/NDF : 3901.1/22

+ sign 46.682 ± 0.149 χ^2/NDF : 76729.5/42

All: 47.738 ± 0.108 χ^2/NDF : 143593.3/85

- sign 48.903 ± 0.157 χ^2/NDF : 66758.5/42

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.9/17

Left Out: -0.397 ± 0.009 χ^2/NDF : 943.5/24

Right Out: 0.090 ± 0.011 χ^2/NDF : 515.6/19

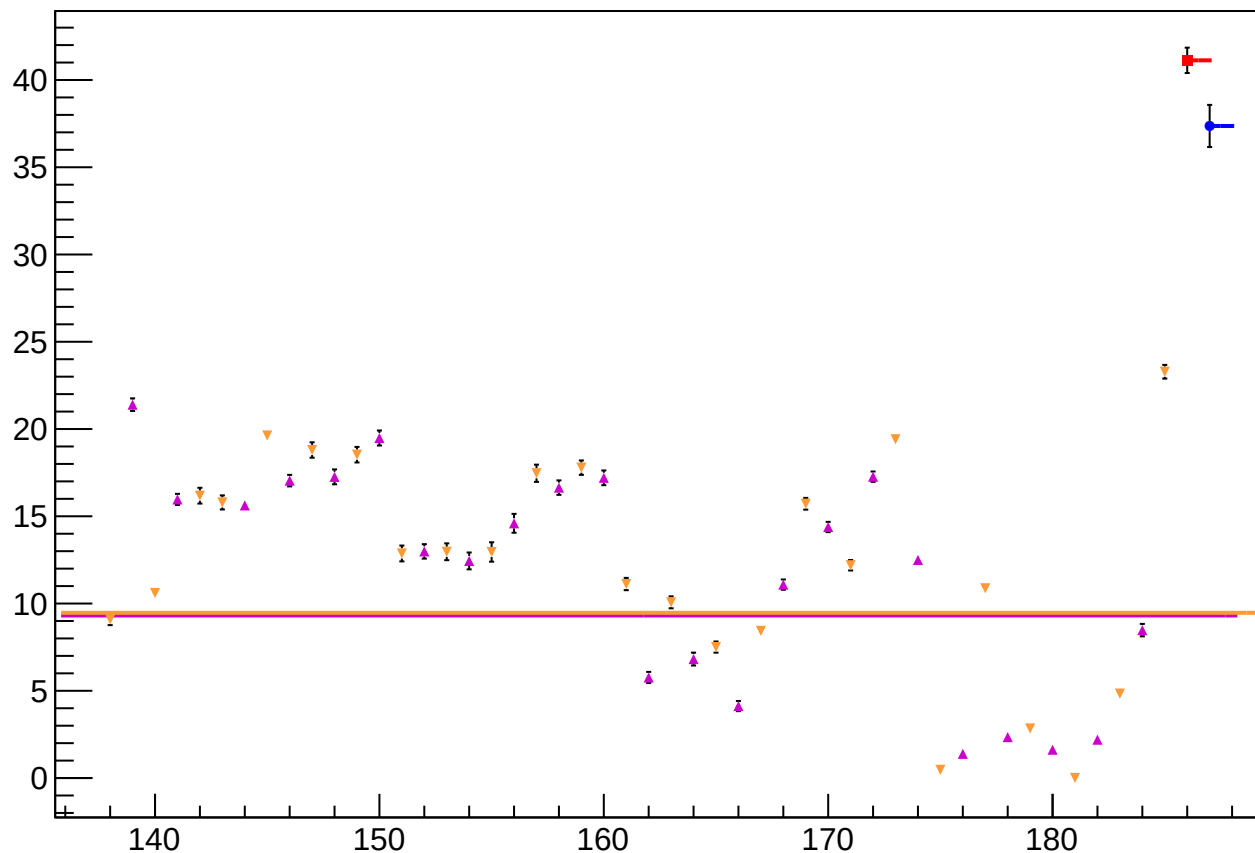
Left In: -0.369 ± 0.009 χ^2/NDF : 1322.7/22

+ sign -0.208 ± 0.007 χ^2/NDF : 2636.2/42

All: -0.201 ± 0.005 χ^2/NDF : 5550.9/85

- sign -0.193 ± 0.007 χ^2/NDF : 2912.2/42

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 37.366+/-1.208 χ^2/NDF : 0.0/0

Left Out: 9.470+/-0.061 χ^2/NDF :12578.0/24

Right Out: 41.126+/-0.726 χ^2/NDF : 0.0/0

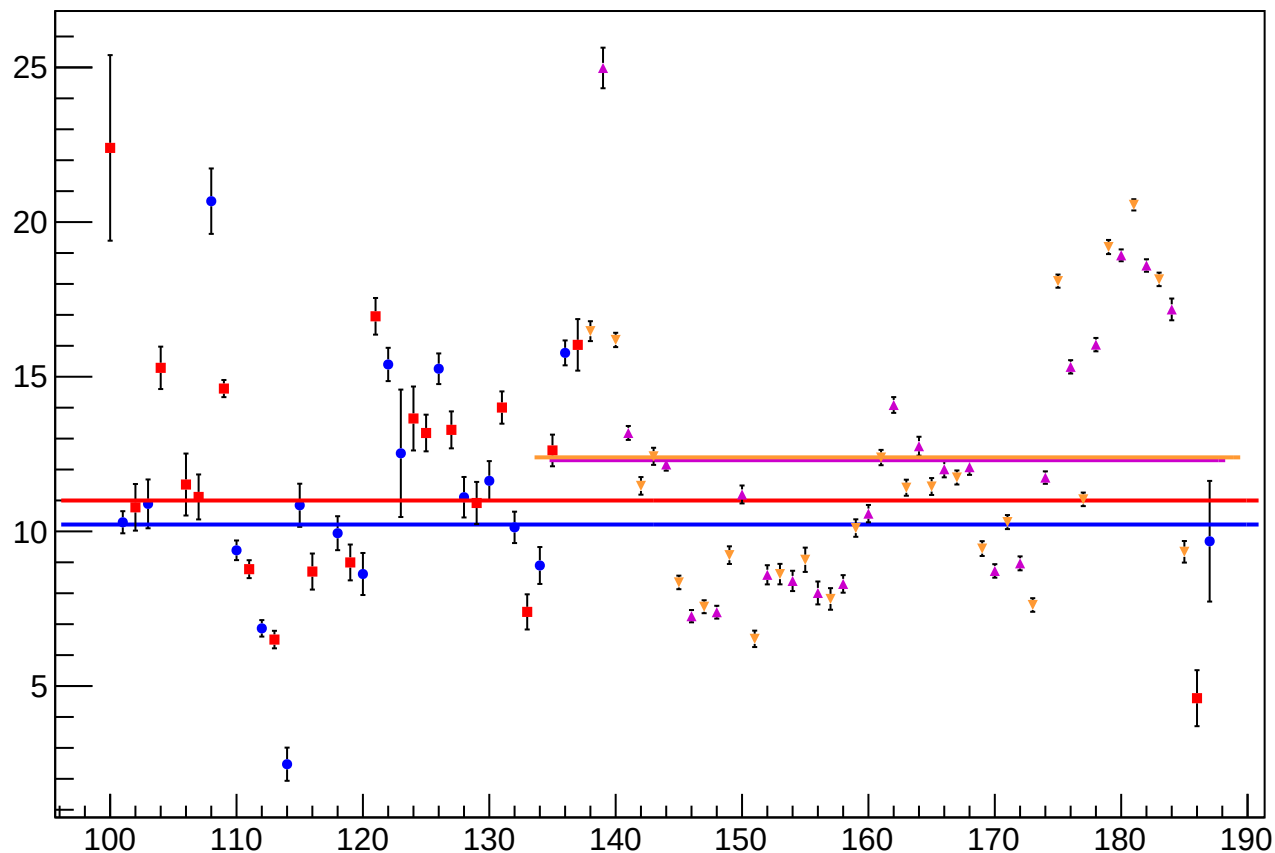
Left In: 9.315+/-0.063 χ^2/NDF :11007.3/22

+ sign 9.541+/-0.061 χ^2/NDF : 13109.9/25

All: 9.546+/-0.044 χ^2/NDF : 26020.4/49

- sign 9.550+/-0.063 χ^2/NDF : 12910.5/23

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.222 $\pm$ 0.119 χ^2 /NDF: 877.7/17

Left Out: 12.393 $\pm$ 0.050 χ^2 /NDF: 7525.9/24

Right Out: 10.999 $\pm$ 0.115 χ^2 /NDF: 867.8/19

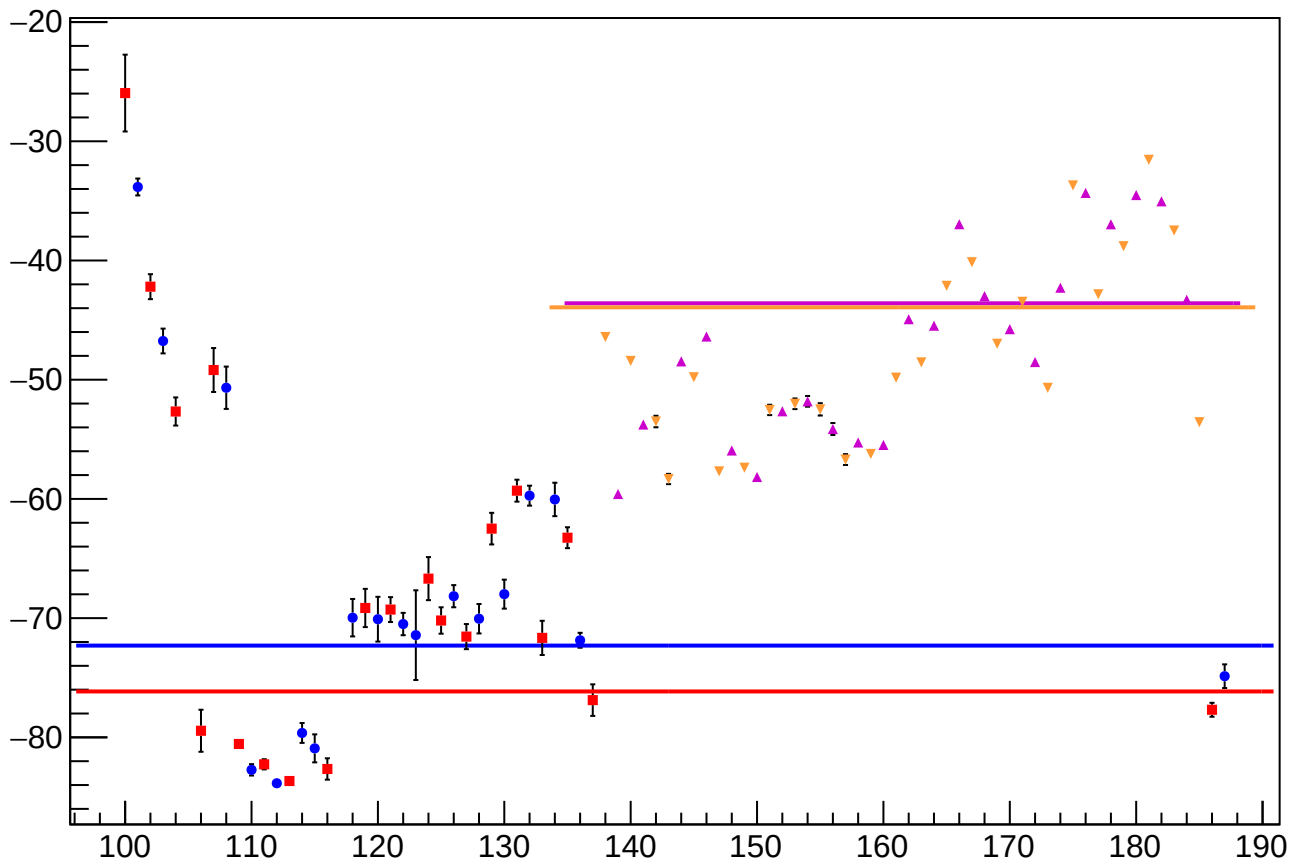
Left In: 12.302 $\pm$ 0.051 χ^2 /NDF: 5661.3/22

+ sign 12.068 $\pm$ 0.046 χ^2 /NDF: 8688.0/42

All: 12.078 $\pm$ 0.033 χ^2 /NDF: 15323.9/85

- sign 12.089 $\pm$ 0.047 χ^2 /NDF: 6635.7/42

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.303 ± 0.194 $\chi^2/\text{NDF}: 5573.9/17$

Left Out: -43.930 ± 0.062 $\chi^2/\text{NDF}: 17576.0/24$

Right Out: -76.150 ± 0.173 $\chi^2/\text{NDF}: 3473.0/19$

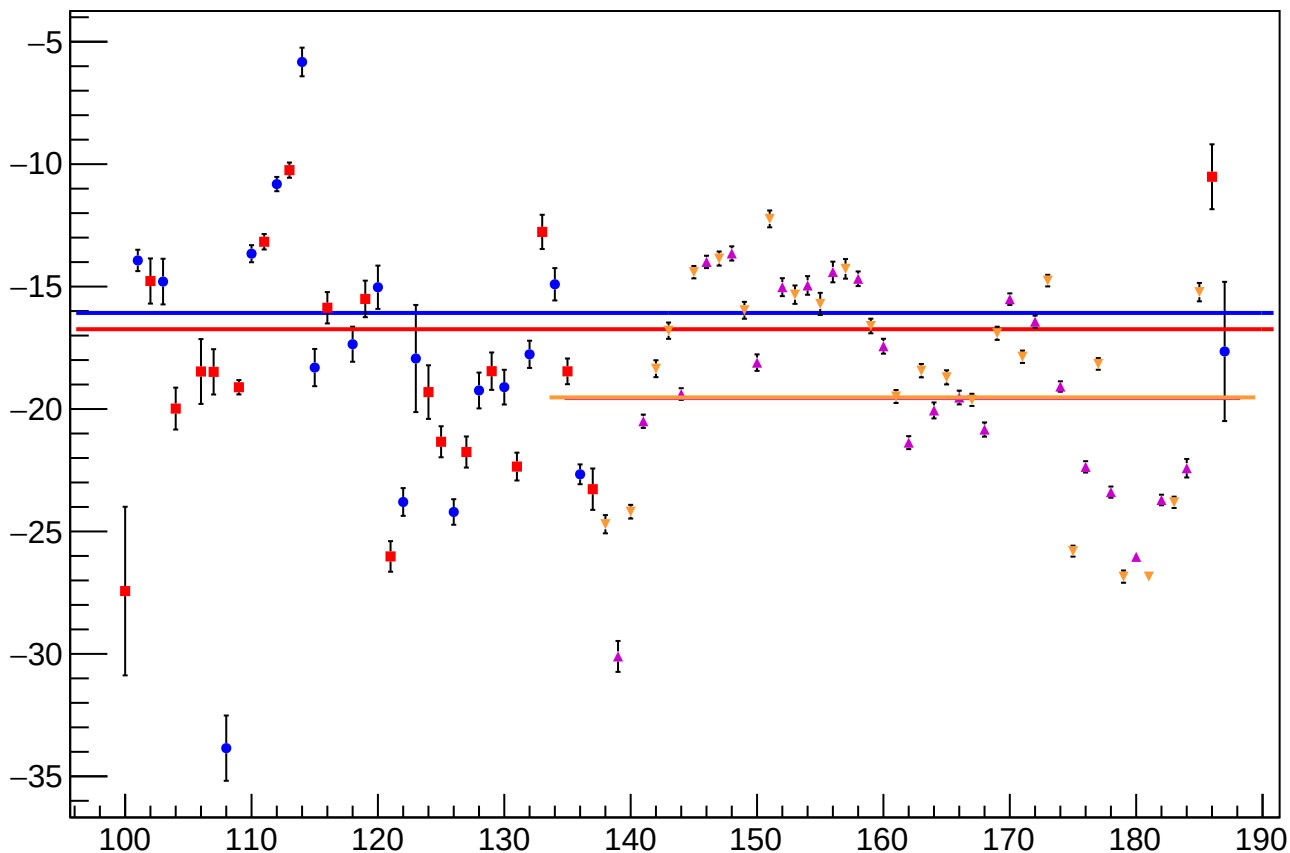
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.564 ± 0.059 $\chi^2/\text{NDF}: 42576.5/42$

All: -46.990 ± 0.042 $\chi^2/\text{NDF}: 93048.4/85$

- sign -47.418 ± 0.059 $\chi^2/\text{NDF}: 50367.7/42$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.076 ± 0.132 χ^2/NDF : 1641.2/17

Left Out: -19.526 ± 0.056 χ^2/NDF : 6493.0/24

Right Out: -16.741 ± 0.128 χ^2/NDF : 1238.0/19

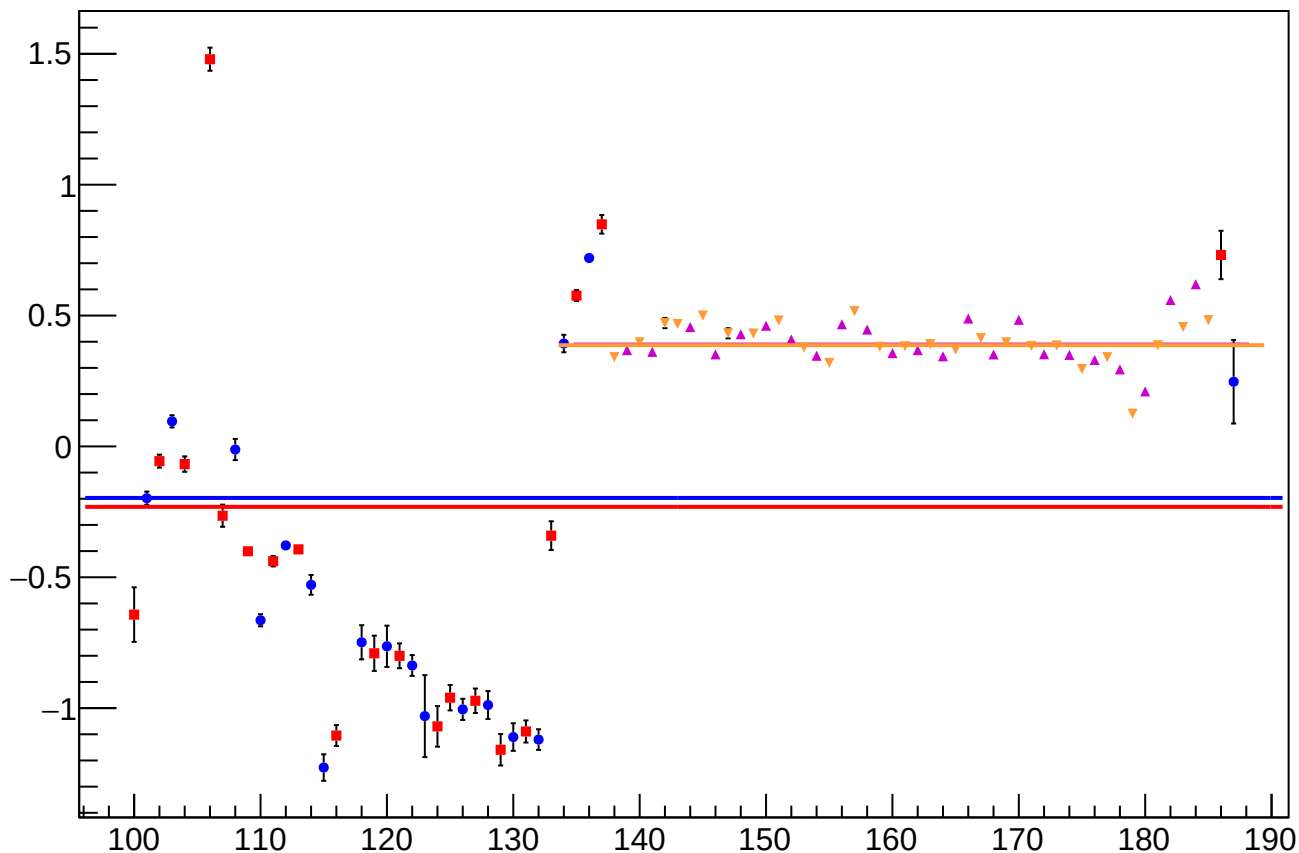
Left In: -19.552 ± 0.057 χ^2/NDF : 4359.1/22

+ sign -19.001 ± 0.051 χ^2/NDF : 8713.9/42

All: -19.041 ± 0.037 χ^2/NDF : 14716.8/85

- sign -19.083 ± 0.052 χ^2/NDF : 6001.7/42

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.197 ± 0.008 χ^2/NDF : 6346.5/17

Left Out: 0.387 ± 0.003 χ^2/NDF : 989.2/24

Right Out: -0.231 ± 0.007 χ^2/NDF : 6331.0/19

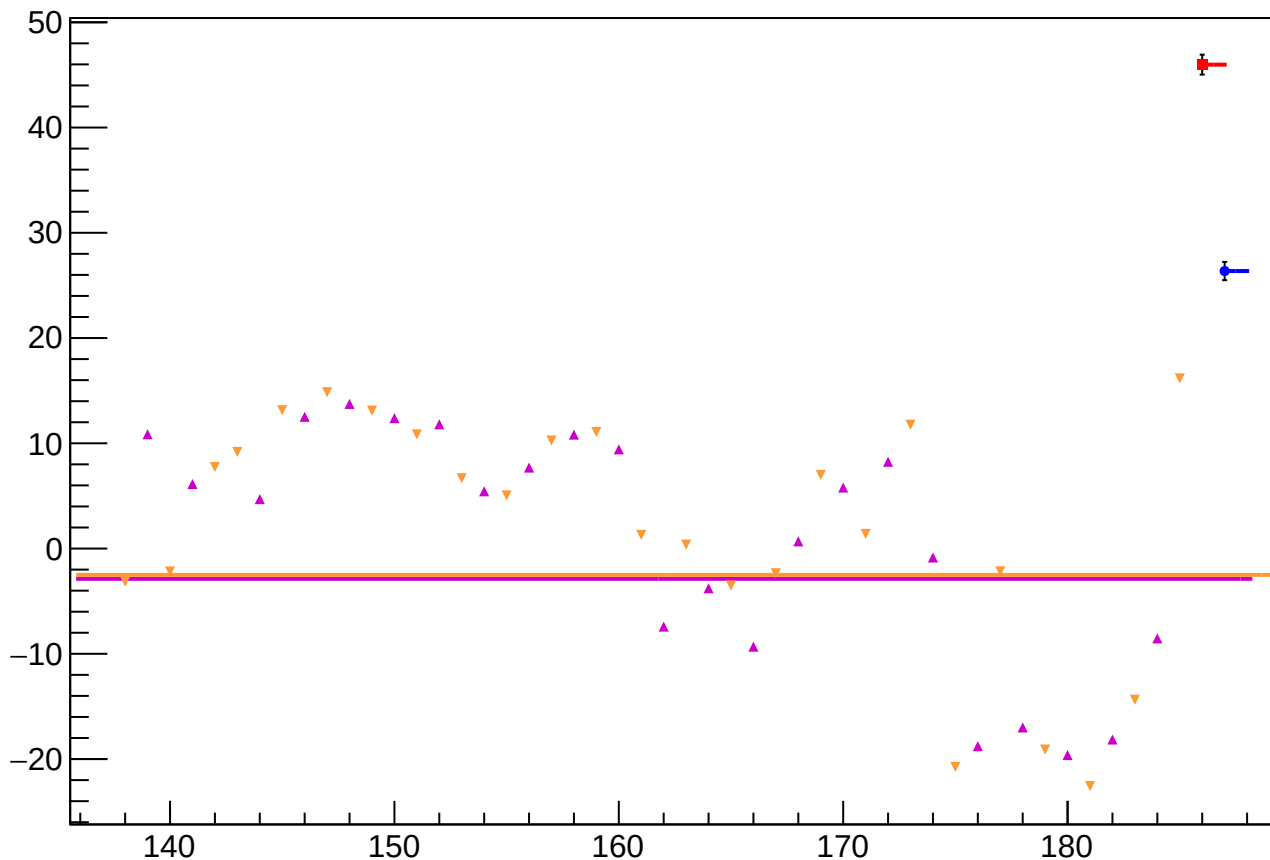
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.326 ± 0.002 χ^2/NDF : 12723.1/42

All: 0.321 ± 0.002 χ^2/NDF : 26957.3/85

- sign 0.316 ± 0.002 χ^2/NDF : 14226.0/42

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 26.366 $\pm$ 0.868 χ^2 /NDF: 0.0/0

Left Out: -2.499 $\pm$ 0.053 χ^2 /NDF: 55930.9/24

Right Out: 45.976 $\pm$ 0.947 χ^2 /NDF: 0.0/0

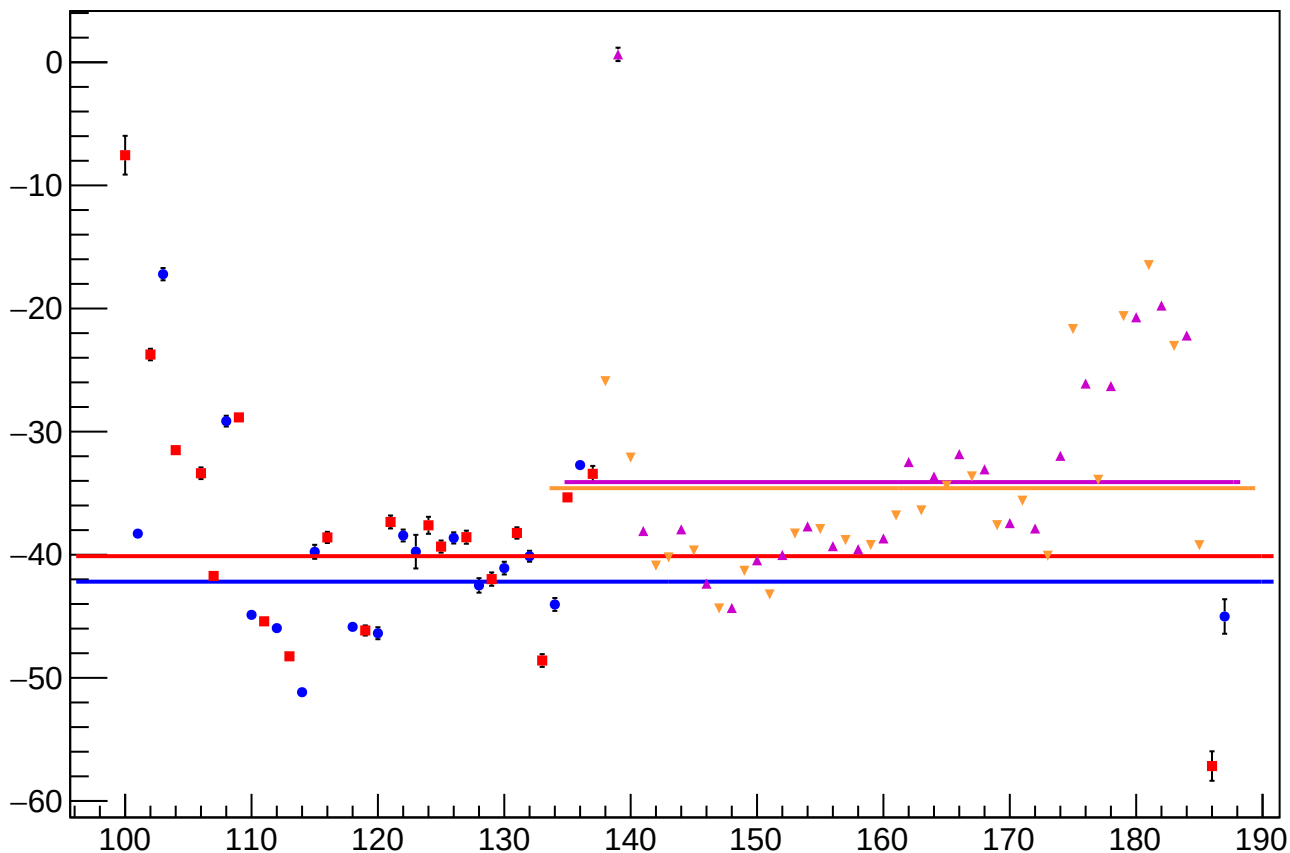
Left In: -2.876 $\pm$ 0.055 χ^2 /NDF: 46380.9/22

+ sign -2.392 $\pm$ 0.053 χ^2 /NDF: 57032.8/25

All: -2.548 $\pm$ 0.038 χ^2 /NDF: 106081.6/49

- sign -2.714 $\pm$ 0.055 χ^2 /NDF: 49030.8/23

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.187 ± 0.078 $\chi^2/\text{NDF}: 6577.8/17$

Left Out: -34.594 ± 0.042 $\chi^2/\text{NDF}: 34404.6/24$

Right Out: -40.115 ± 0.073 $\chi^2/\text{NDF}: 11516.9/19$

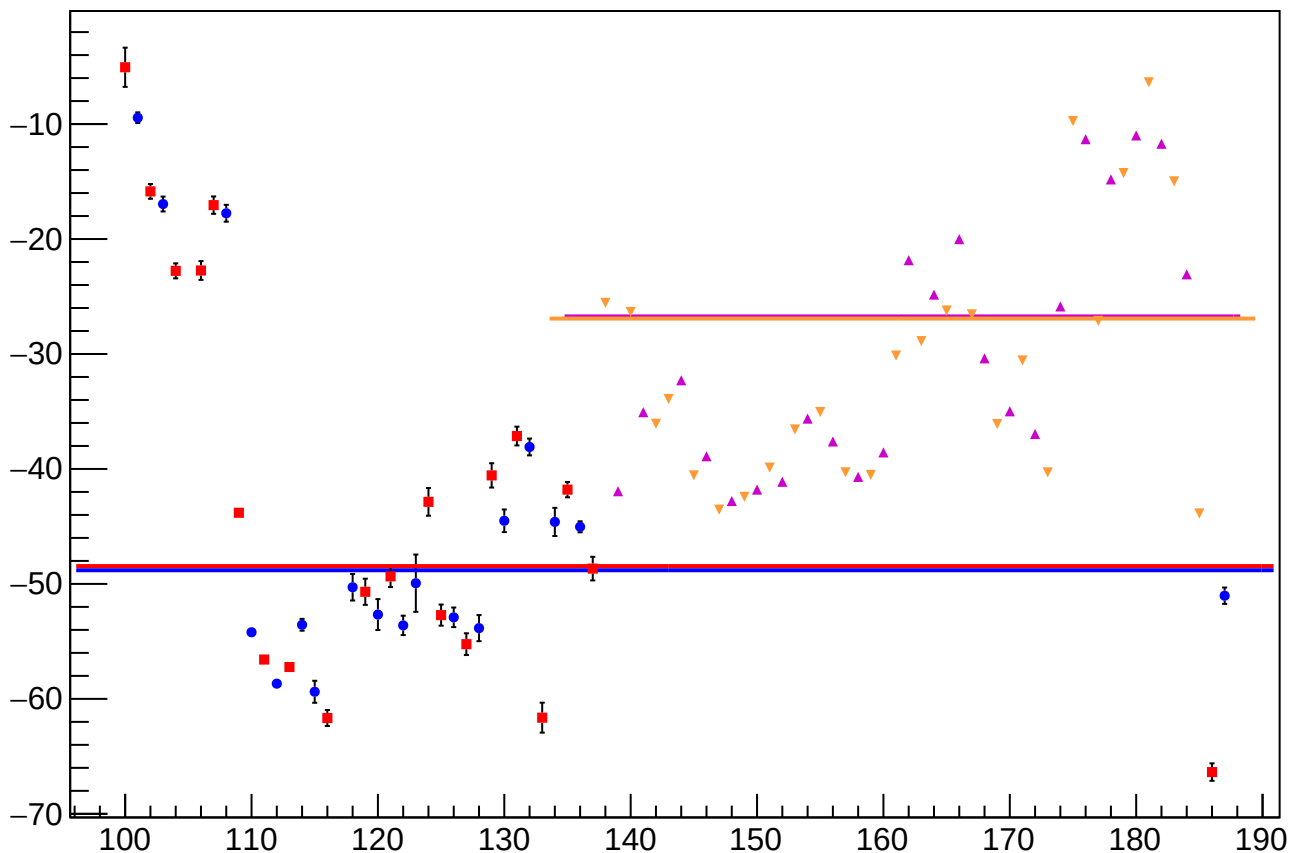
Left In: -34.099 ± 0.044 $\chi^2/\text{NDF}: 29370.6/22$

+ sign -36.310 ± 0.037 $\chi^2/\text{NDF}: 48384.9/42$

All: -36.013 ± 0.026 $\chi^2/\text{NDF}: 94430.0/85$

- sign -35.705 ± 0.038 $\chi^2/\text{NDF}: 45913.2/42$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.810 ± 0.123 $\chi^2/\text{NDF}: 14668.5/17$

Left Out: -26.920 ± 0.053 $\chi^2/\text{NDF}: 49198.9/24$

Right Out: -48.448 ± 0.106 $\chi^2/\text{NDF}: 12299.6/19$

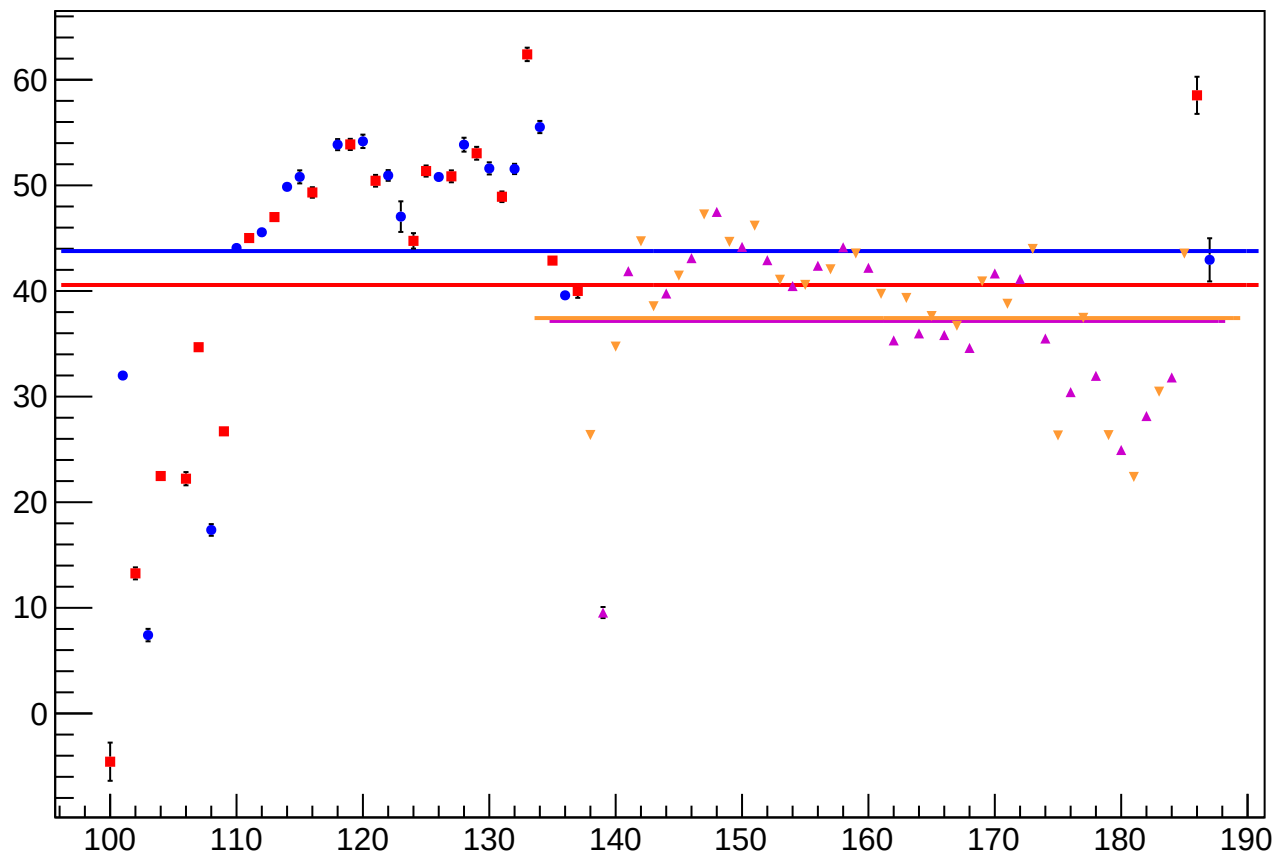
Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

+ sign -30.404 ± 0.049 $\chi^2/\text{NDF}: 90683.8/42$

All: -30.850 ± 0.034 $\chi^2/\text{NDF}: 178845.7/85$

- sign -31.292 ± 0.049 $\chi^2/\text{NDF}: 87996.6/42$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.781 $\pm$ 0.087 χ^2 /NDF: 10638.9/17

Left Out: 37.435 $\pm$ 0.047 χ^2 /NDF:21517.4/24

Right Out: 40.568 $\pm$ 0.080 χ^2 /NDF: 17685.2/19

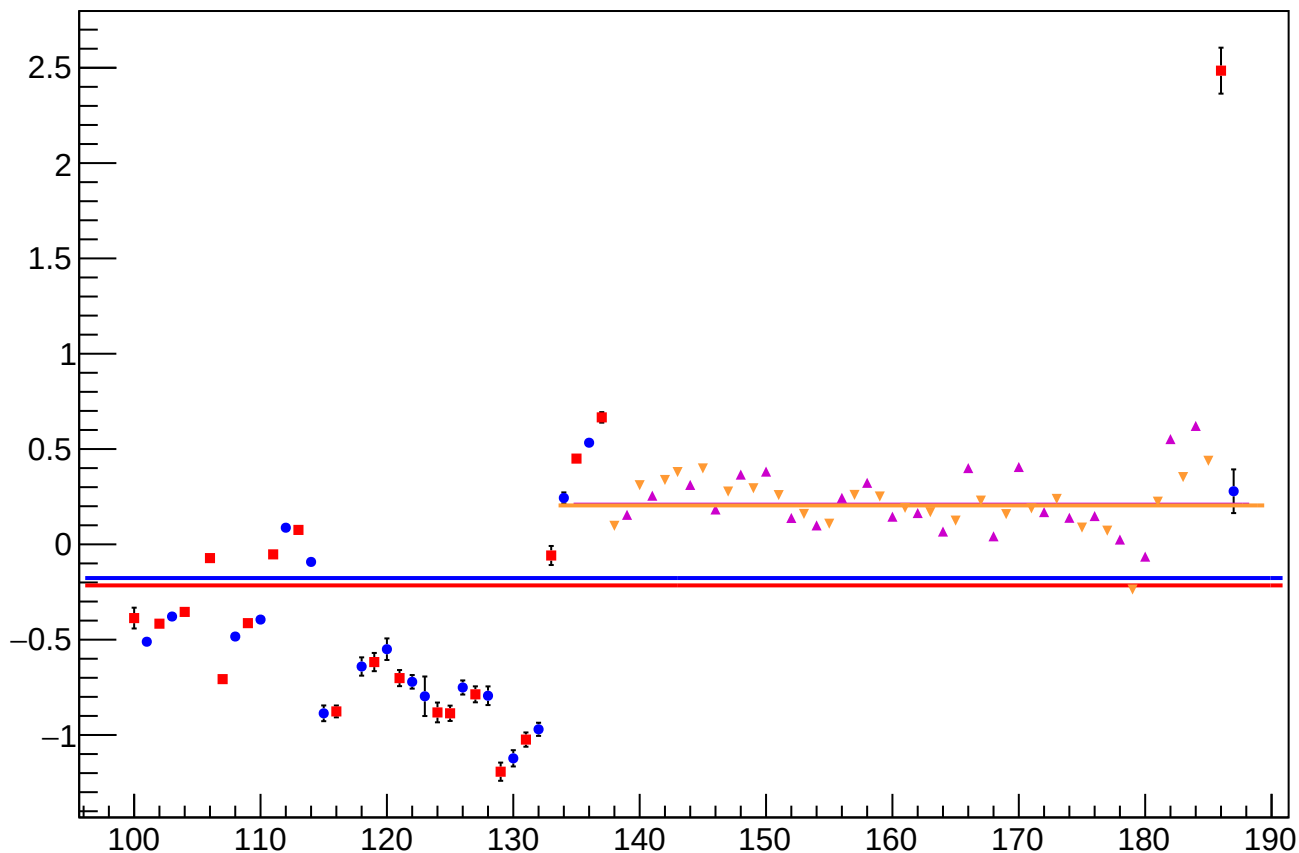
Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

+ sign 38.896 $\pm$ 0.042 χ^2 /NDF: 36294.4/42

All: 38.498 $\pm$ 0.029 χ^2 /NDF: 72903.9/85

- sign 38.094 $\pm$ 0.042 χ^2 /NDF: 36424.9/42

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.005 χ^2/NDF : 7391.7/17

Left Out: 0.204 ± 0.002 χ^2/NDF : 3801.8/24

Right Out: -0.215 ± 0.004 χ^2/NDF : 7972.1/19

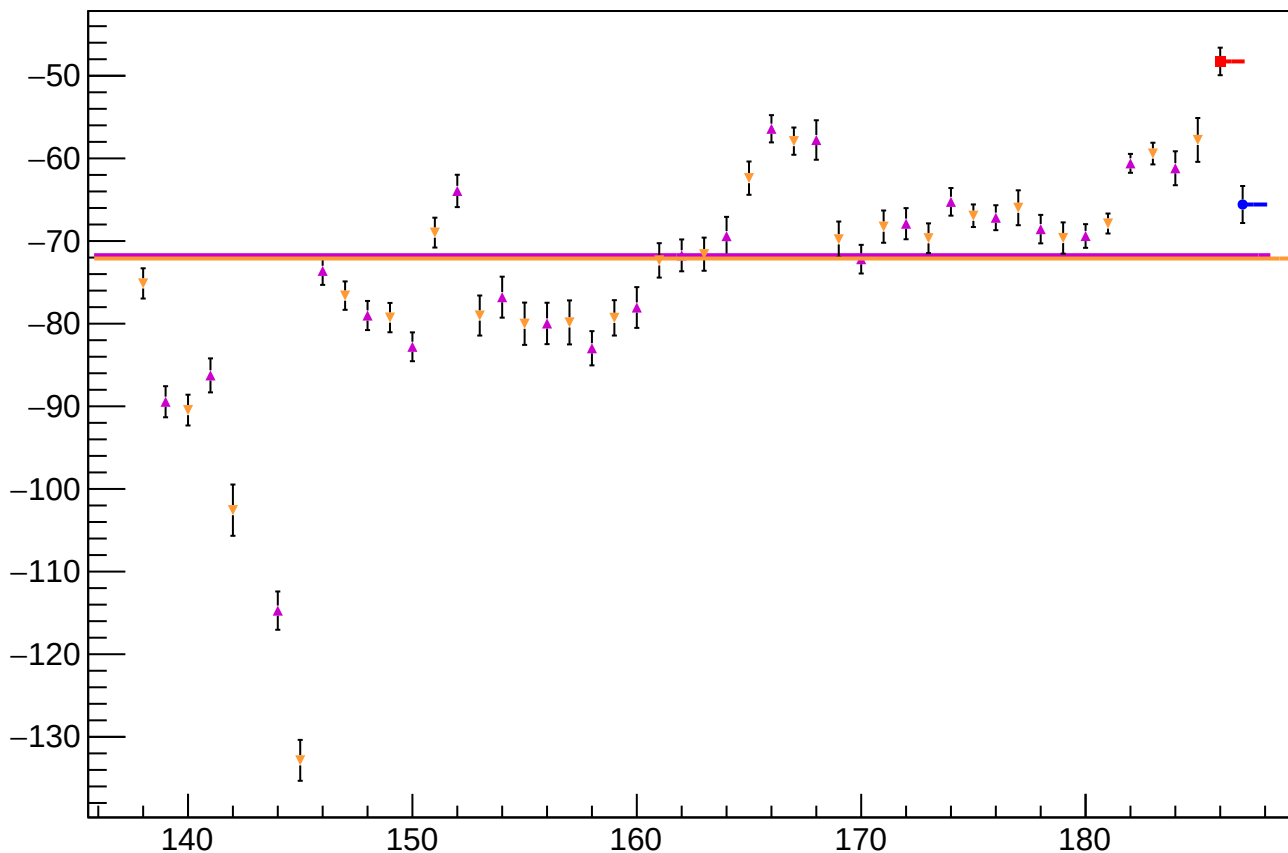
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.140 ± 0.002 χ^2/NDF : 16360.6/42

All: 0.129 ± 0.001 χ^2/NDF : 37134.5/85

- sign 0.118 ± 0.002 χ^2/NDF : 20713.6/42

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -65.579 ± 2.239 χ^2/NDF : 0.0/0

Left Out: -72.115 ± 0.383 χ^2/NDF : 1125.2/23

Right Out: -48.267 ± 1.666 χ^2/NDF : 0.0/0

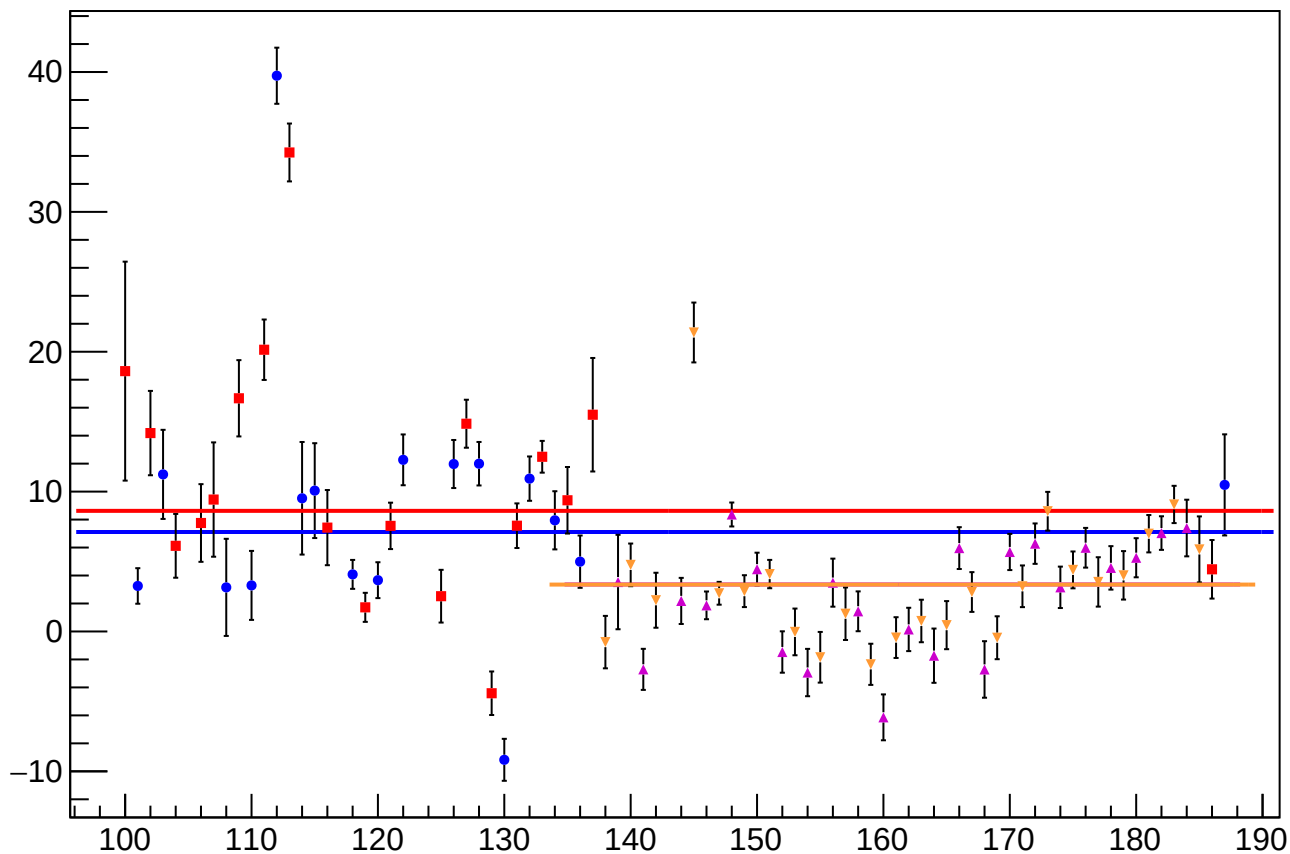
Left In: -71.713 ± 0.380 χ^2/NDF : 884.6/22

+ sign -71.930 ± 0.377 χ^2/NDF : 1133.4/24

All: -71.229 ± 0.264 χ^2/NDF : 2213.1/48

- sign -70.552 ± 0.371 χ^2/NDF : 1072.9/23

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.112 $\pm$ 0.430 χ^2/NDF : 447.7/16

Left Out: 3.353 $\pm$ 0.295 χ^2/NDF :167.8/23

Right Out: 8.623 $\pm$ 0.439 χ^2/NDF : 354.5/18

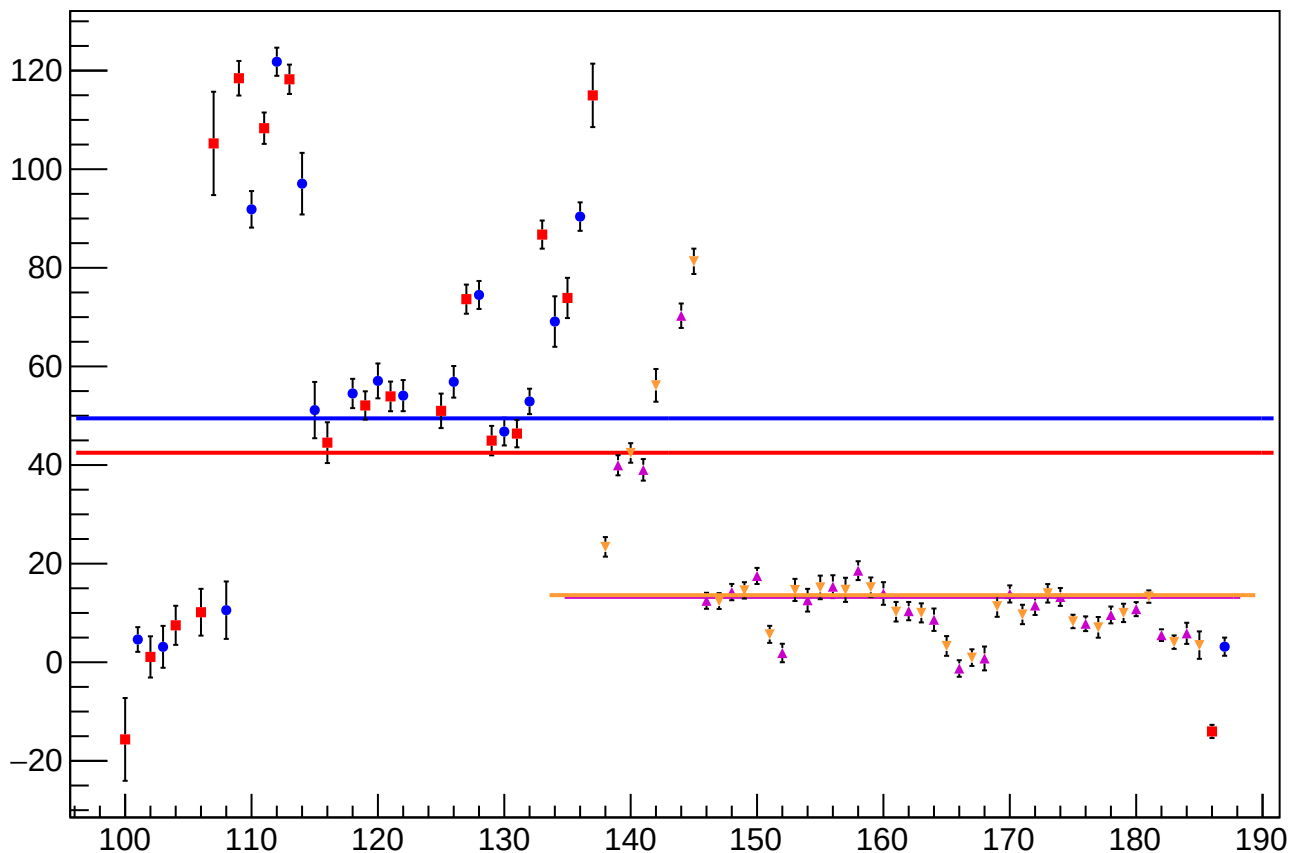
Left In: 3.360 $\pm$ 0.298 χ^2/NDF :164.5/22

+ sign 4.552 $\pm$ 0.243 χ^2/NDF : 667.5/40

All: 4.781 $\pm$ 0.173 χ^2/NDF : 1286.9/82

- sign 5.017 $\pm$ 0.246 χ^2/NDF : 617.6/41

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 49.467 $\pm$ 0.758 χ^2 /NDF: 2258.6/16

Left Out: 13.610 $\pm$ 0.382 χ^2 /NDF:1303.3/23

Right Out: 42.492 $\pm$ 0.711 χ^2 /NDF: 4209.5/18

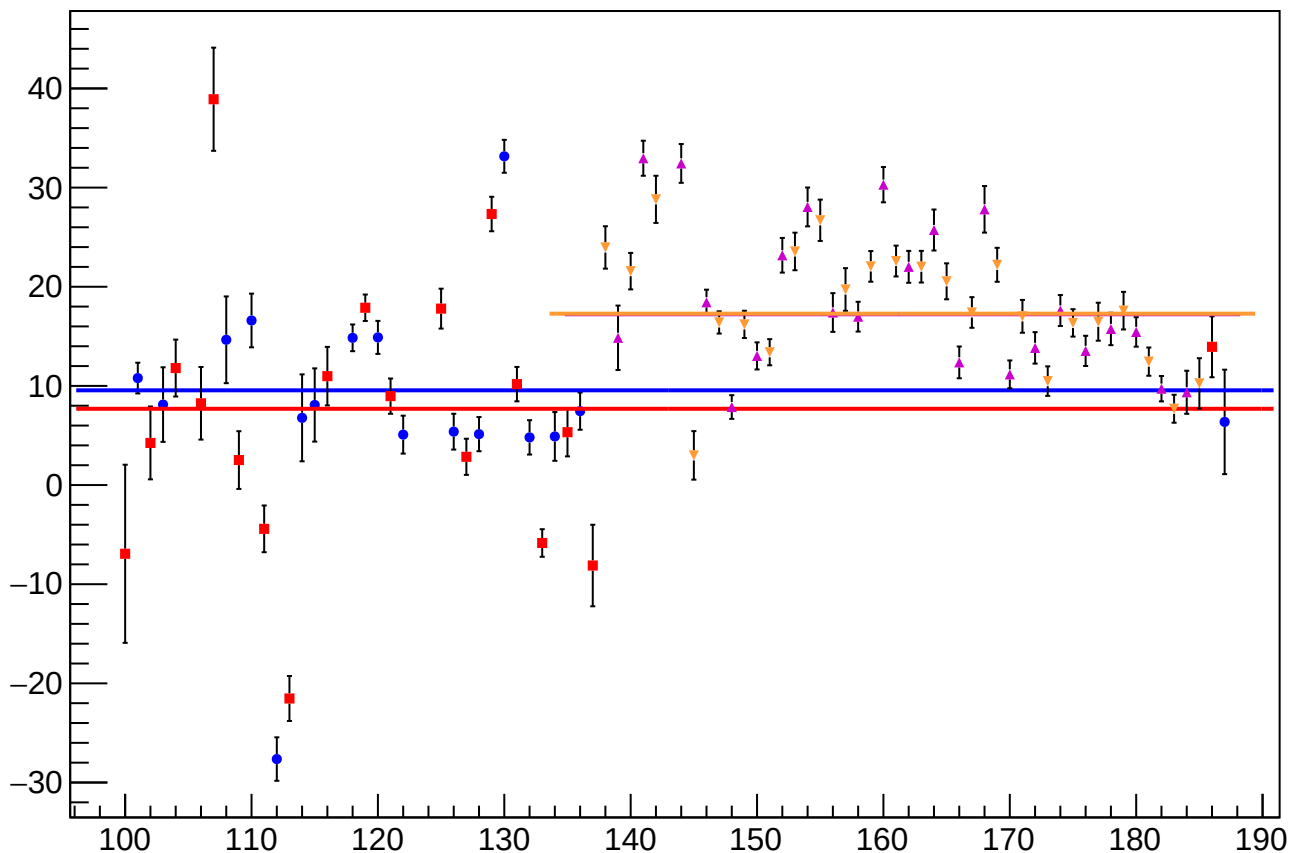
Left In: 13.262 $\pm$ 0.379 χ^2 /NDF:1077.0/22

+ sign 20.868 $\pm$ 0.341 χ^2 /NDF: 5348.1/40

All: 20.278 $\pm$ 0.239 χ^2 /NDF: 11955.9/82

- sign 19.710 $\pm$ 0.334 χ^2 /NDF: 6601.9/41

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.554 ± 0.499 $\chi^2/\text{NDF}: 554.8/16$

Left Out: 17.285 ± 0.337 $\chi^2/\text{NDF}: 244.0/23$

Right Out: 7.692 ± 0.509 $\chi^2/\text{NDF}: 574.1/18$

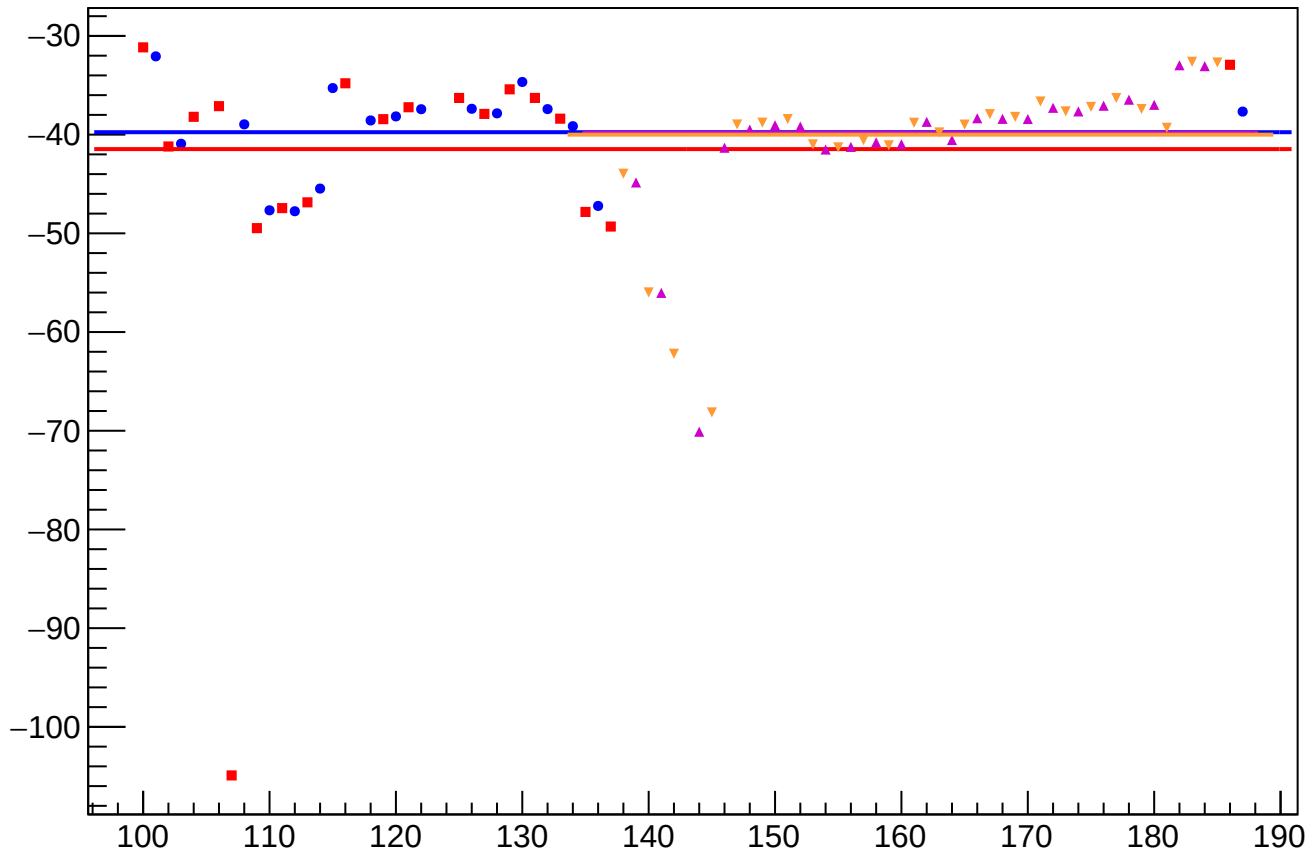
Left In: 17.224 ± 0.339 $\chi^2/\text{NDF}: 442.2/22$

+ sign 14.863 ± 0.279 $\chi^2/\text{NDF}: 963.7/40$

All: 14.583 ± 0.198 $\chi^2/\text{NDF}: 2225.5/82$

- sign 14.298 ± 0.282 $\chi^2/\text{NDF}: 1259.7/41$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.754 ± 0.031 χ^2/NDF : 26208.5/16

Left Out: -40.002 ± 0.016 χ^2/NDF : 172150.1/23

Right Out: -41.465 ± 0.031 χ^2/NDF : 96121.5/18

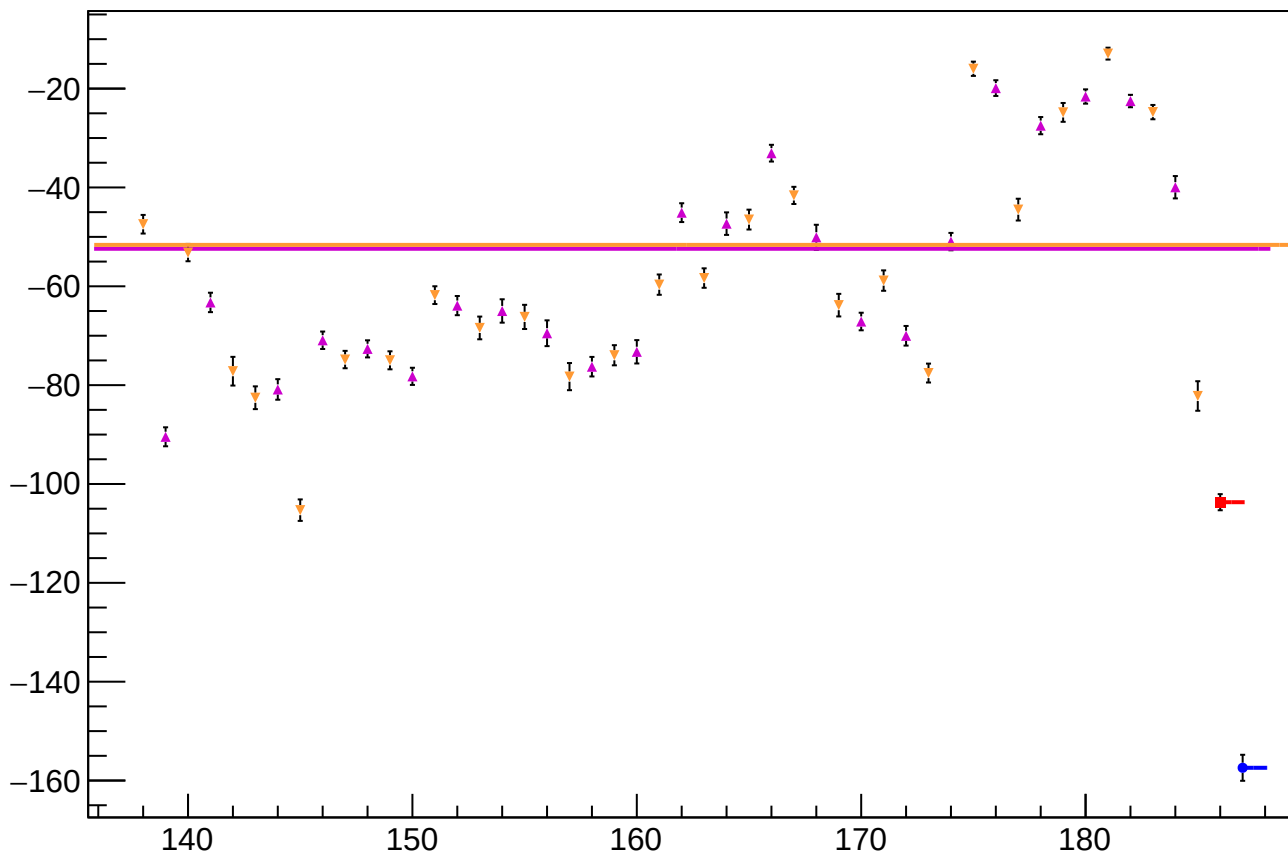
Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

+ sign -39.951 ± 0.014 χ^2/NDF : 198409.7/40

All: -40.051 ± 0.010 χ^2/NDF : 442707.1/82

- sign -40.149 ± 0.014 χ^2/NDF : 244196.7/41

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -157.422 ± 2.632 χ^2/NDF : 0.0/0

Left Out: -51.622 ± 0.383 χ^2/NDF : 4133.0/24

Right Out: -103.683 ± 1.632 χ^2/NDF : 0.0/0

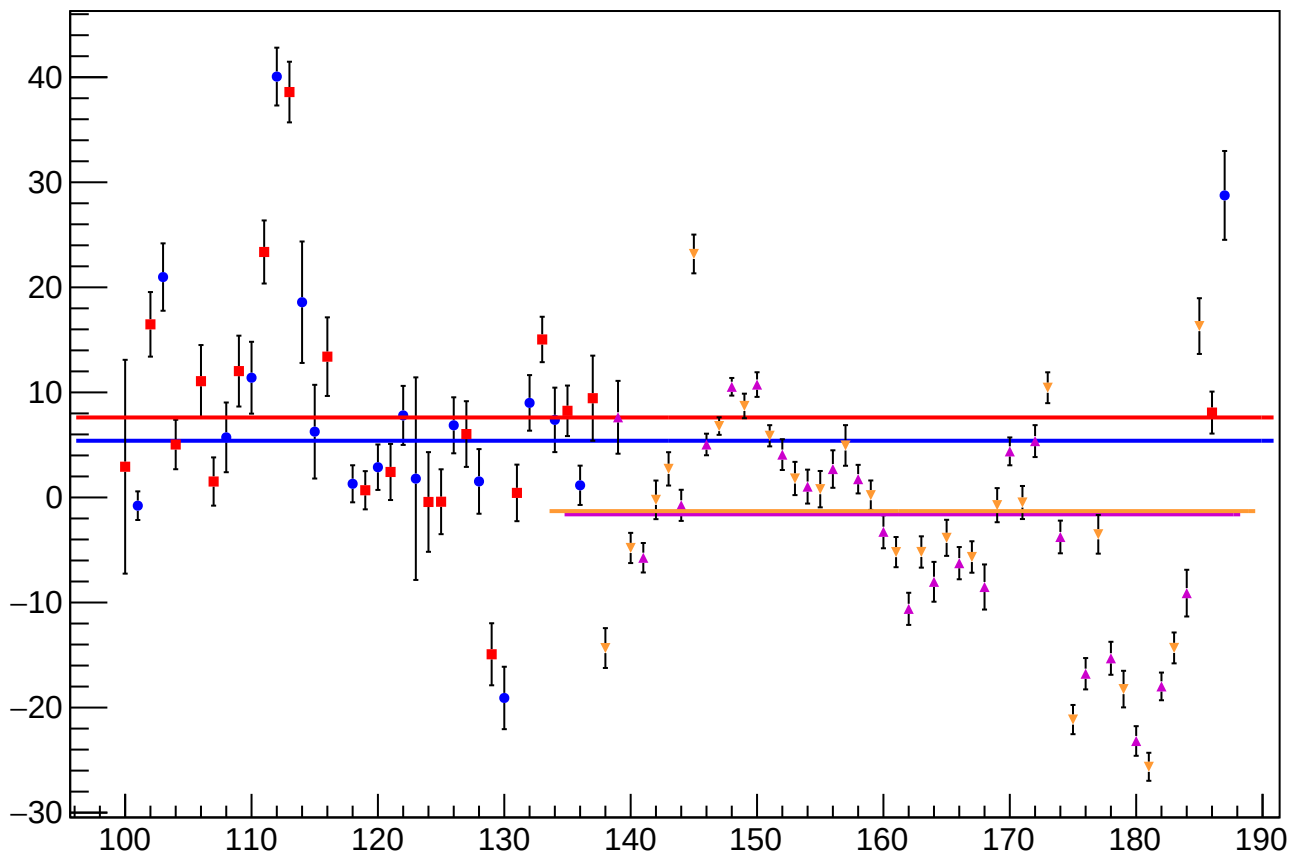
Left In: -52.409 ± 0.387 χ^2/NDF : 3378.7/22

+ sign -53.821 ± 0.379 χ^2/NDF : 5715.7/25

All: -54.487 ± 0.267 χ^2/NDF : 10035.4/49

- sign -55.143 ± 0.377 χ^2/NDF : 4313.7/23

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 5.397 ± 0.615 $\chi^2/\text{NDF}: 326.5/17$

Left Out: -1.300 ± 0.293 $\chi^2/\text{NDF}: 1315.7/24$

Right Out: 7.614 ± 0.619 $\chi^2/\text{NDF}: 270.2/19$

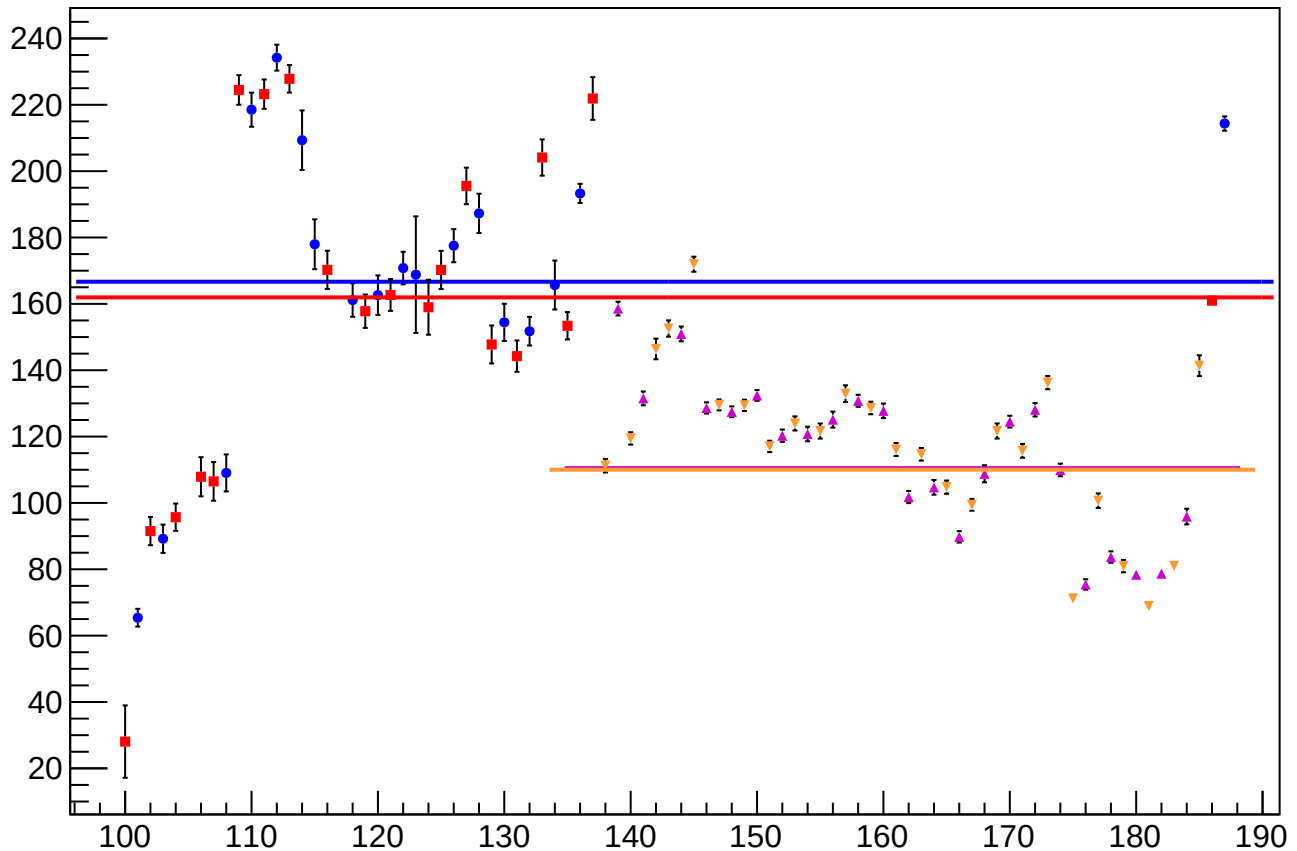
Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

+ sign -0.063 ± 0.264 $\chi^2/\text{NDF}: 1739.1/42$

All: 0.036 ± 0.189 $\chi^2/\text{NDF}: 3286.6/85$

- sign 0.140 ± 0.270 $\chi^2/\text{NDF}: 1547.2/42$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 166.675 ± 1.012 $\chi^2/\text{NDF}: 2890.1/17$

Left Out: 110.012 ± 0.383 $\chi^2/\text{NDF}: 4537.0/24$

Right Out: 161.953 ± 0.874 $\chi^2/\text{NDF}: 1709.7/19$

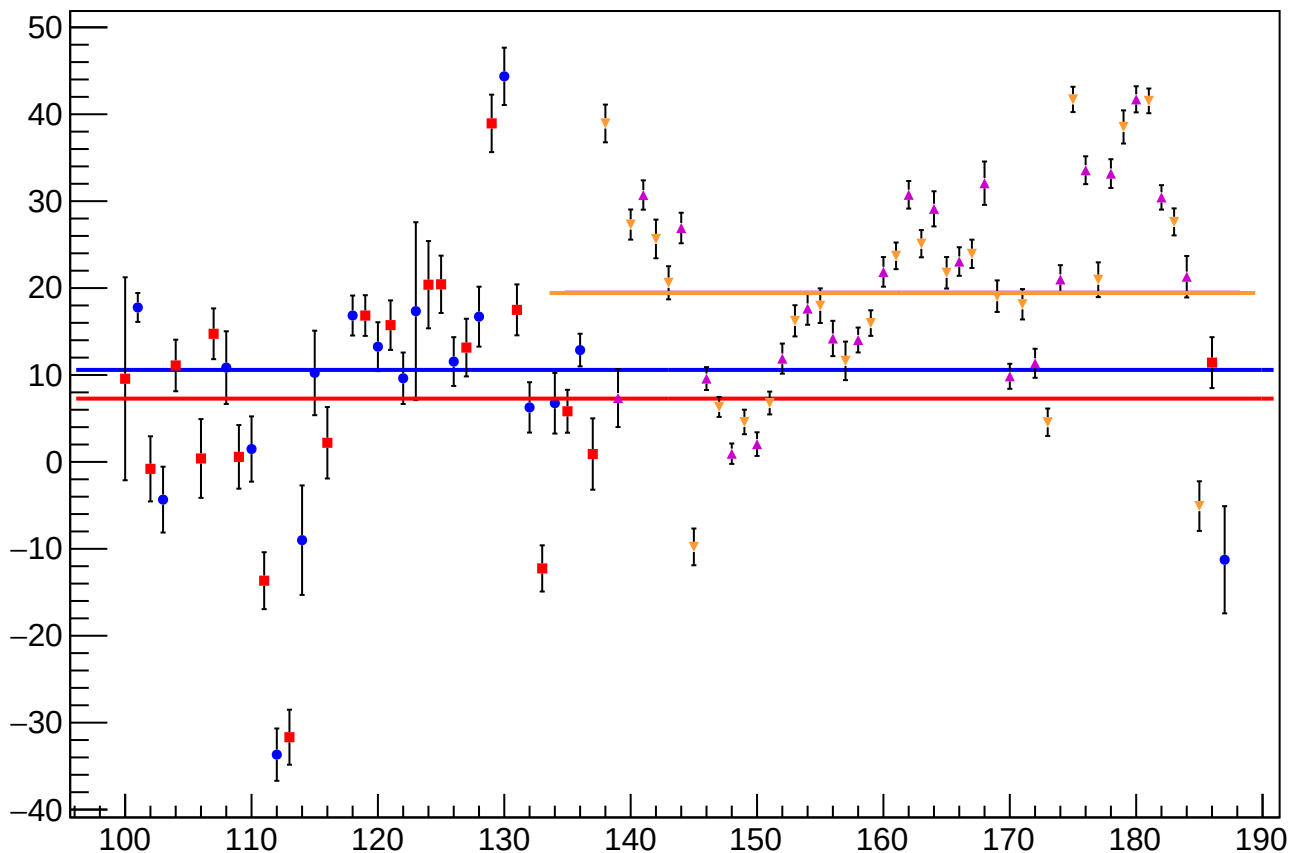
Left In: 110.482 ± 0.385 $\chi^2/\text{NDF}: 3824.9/22$

+ sign 117.109 ± 0.358 $\chi^2/\text{NDF}: 10171.8/42$

All: 117.989 ± 0.251 $\chi^2/\text{NDF}: 18624.9/85$

- sign 118.839 ± 0.352 $\chi^2/\text{NDF}: 8441.2/42$

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.586 $\pm$ 0.709 χ^2 /NDF: 400.8/17

Left Out: 19.434 $\pm$ 0.336 χ^2 /NDF:1452.3/24

Right Out: 7.284 $\pm$ 0.725 χ^2 /NDF: 426.7/19

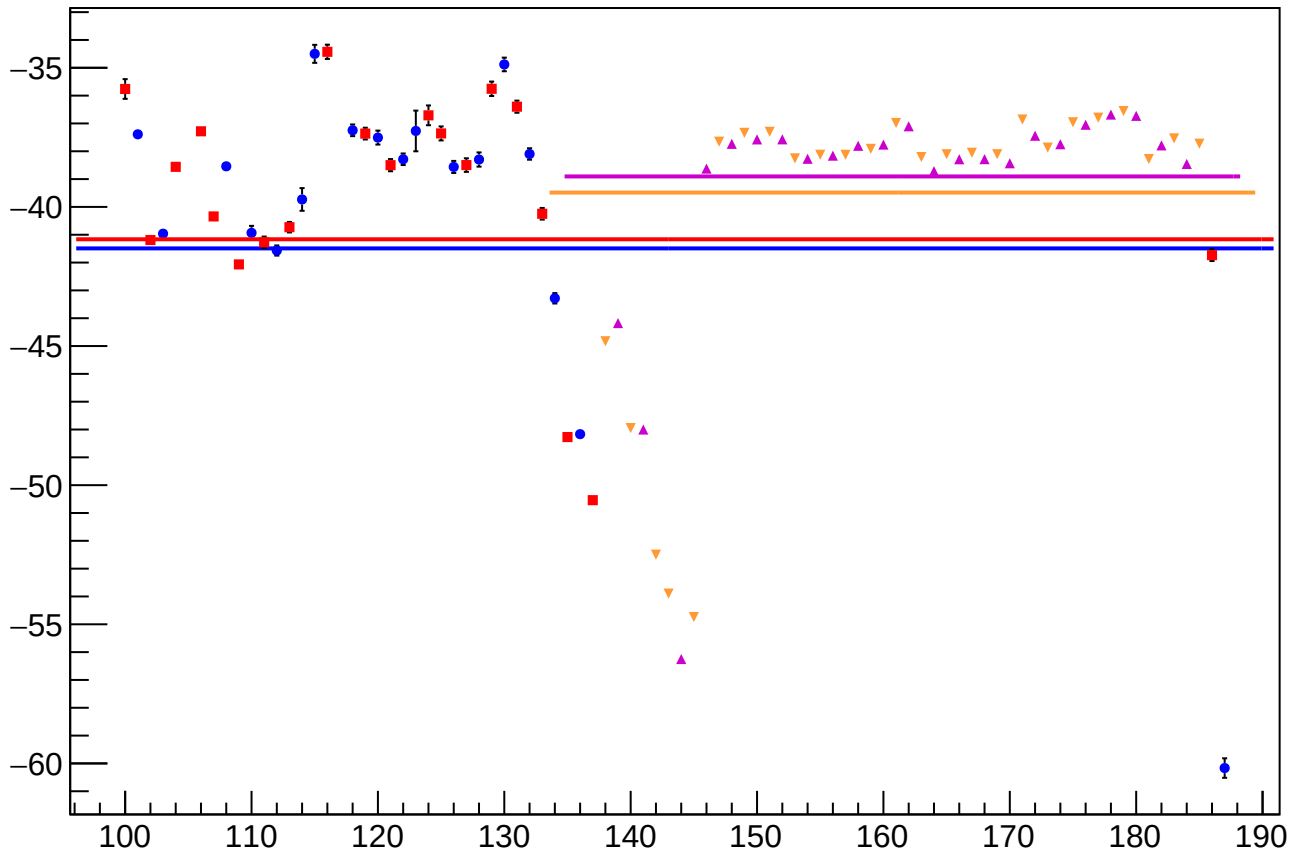
Left In: 19.472 $\pm$ 0.342 χ^2 /NDF:1188.2/22

+ sign 17.814 $\pm$ 0.303 χ^2 /NDF: 1980.5/42

All: 17.541 $\pm$ 0.216 χ^2 /NDF: 3828.3/85

- sign 17.257 $\pm$ 0.309 χ^2 /NDF: 1846.2/42

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.491 ± 0.038 χ^2/NDF : 15448.2/17

Left Out: -39.484 ± 0.016 χ^2/NDF : 88877.3/24

Right Out: -41.163 ± 0.038 χ^2/NDF : 12226.3/19

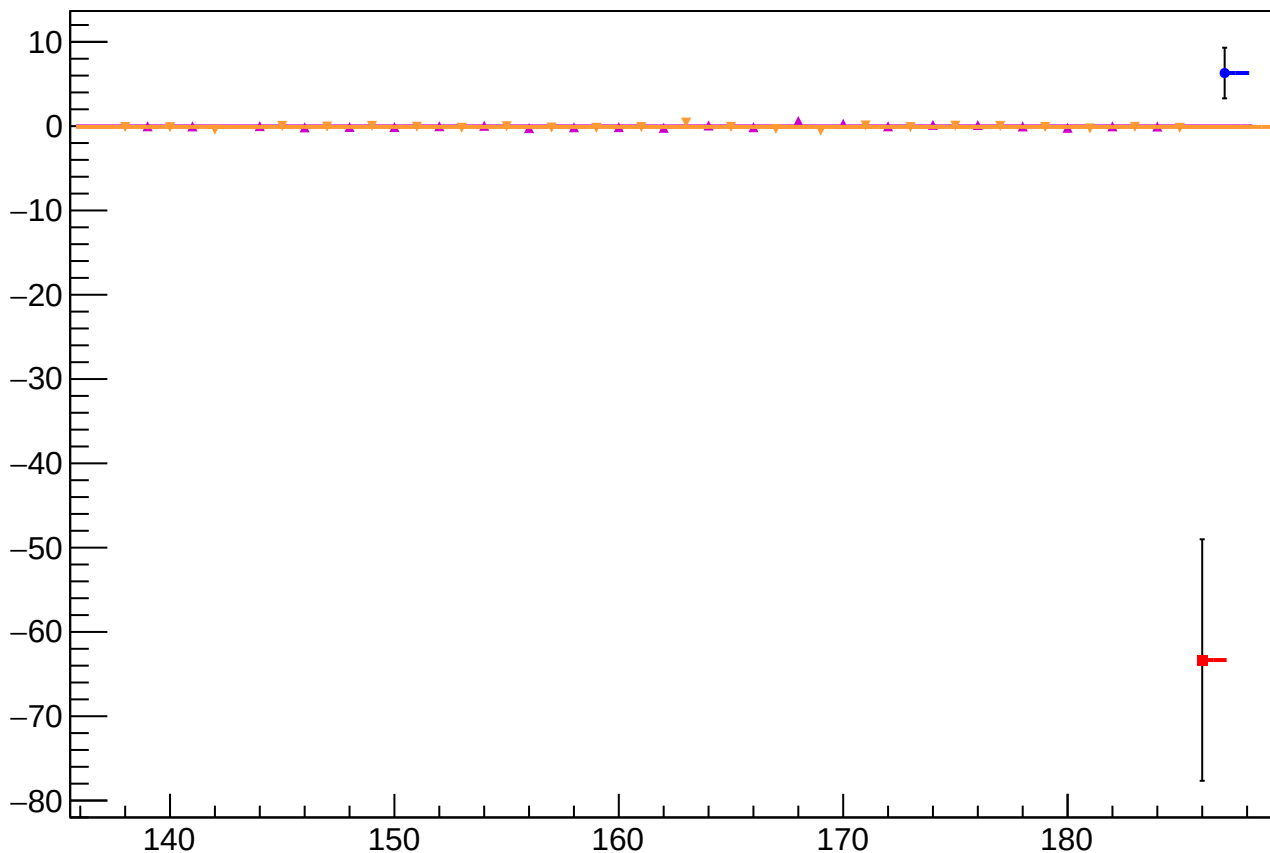
Left In: -38.905 ± 0.016 χ^2/NDF : 54282.7/22

+ sign -39.776 ± 0.015 χ^2/NDF : 106676.4/42

All: -39.507 ± 0.010 χ^2/NDF : 176877.9/85

- sign -39.238 ± 0.015 χ^2/NDF : 69521.5/42

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 6.304 $\pm$ 3.007 χ^2 /NDF: 0.0/0

Left Out: -0.089 $\pm$ 0.022 χ^2 /NDF: 40.0/23

Right Out: -63.334 $\pm$ 14.326 χ^2 /NDF: 0.0/0

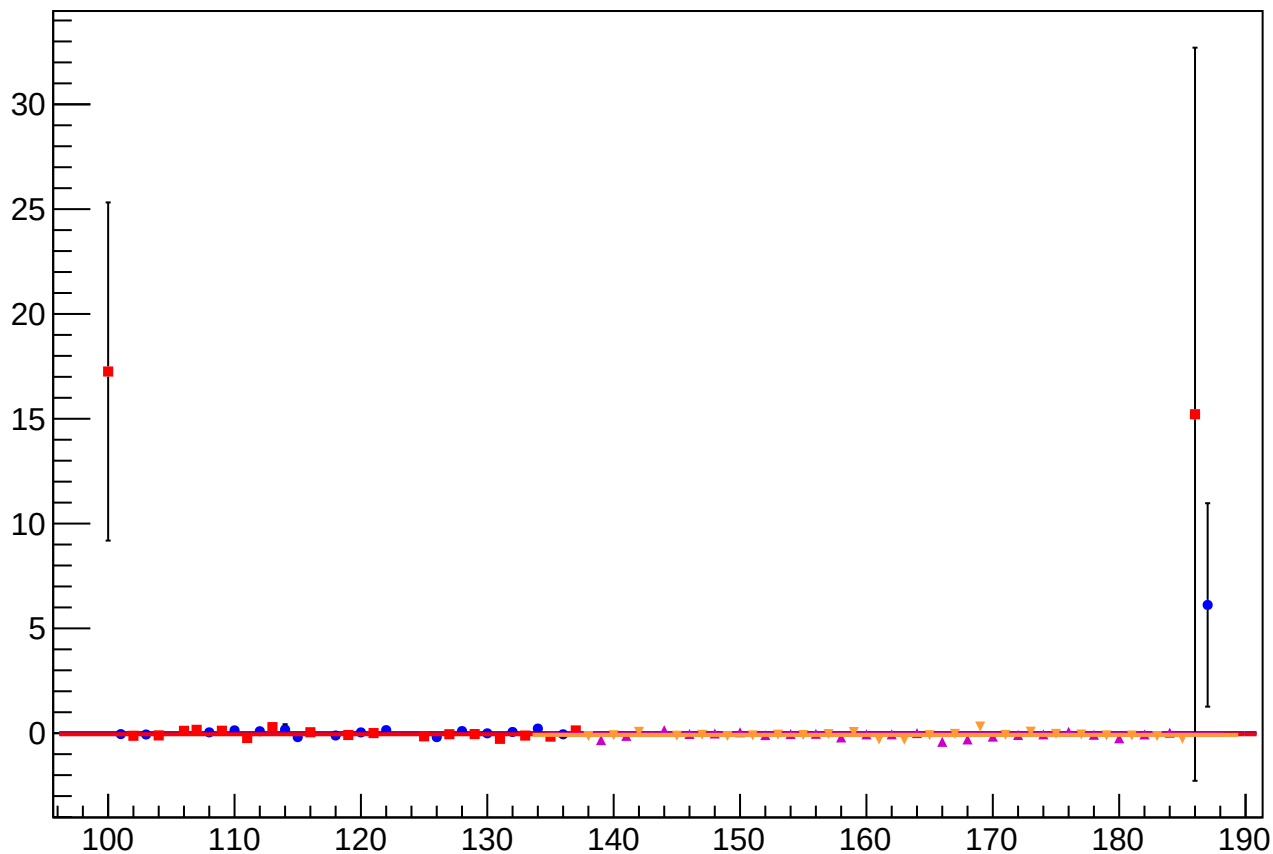
Left In: -0.026 $\pm$ 0.022 χ^2 /NDF: 32.3/22

+ sign -0.089 $\pm$ 0.022 χ^2 /NDF: 44.6/24

All: -0.057 $\pm$ 0.016 χ^2 /NDF: 100.4/48

- sign -0.026 $\pm$ 0.022 χ^2 /NDF: 51.8/23

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 14.1/16

Left Out: -0.081 ± 0.017 χ^2/NDF : 25.8/23

Right Out: -0.051 ± 0.029 χ^2/NDF : 26.6/18

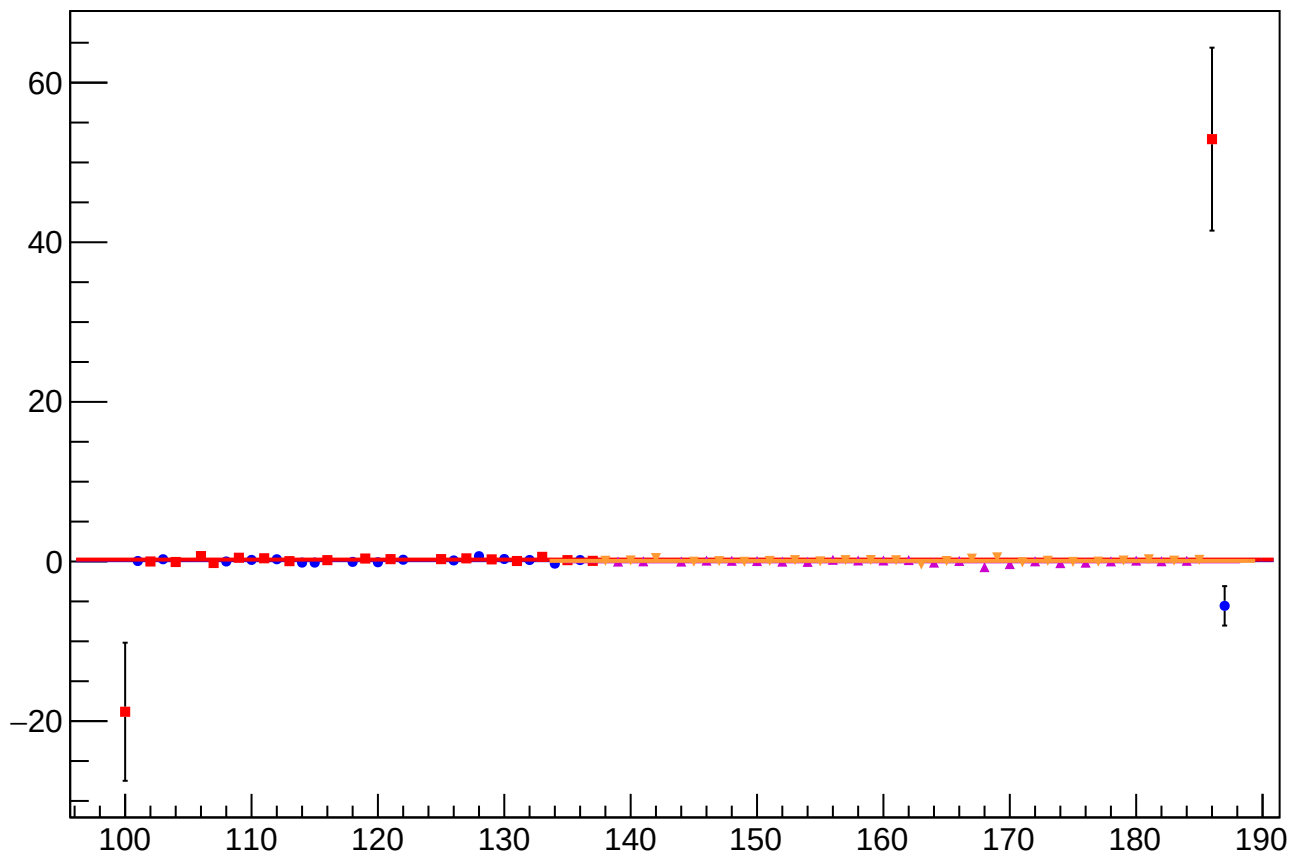
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 46.2/40

All: -0.056 ± 0.011 χ^2/NDF : 105.0/82

- sign -0.054 ± 0.015 χ^2/NDF : 58.8/41

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.168 $\pm$ 0.052 χ^2 /NDF: 19.0/16

Left Out: 0.082 $\pm$ 0.022 χ^2 /NDF:38.7/23

Right Out: 0.240 $\pm$ 0.054 χ^2 /NDF: 42.9/18

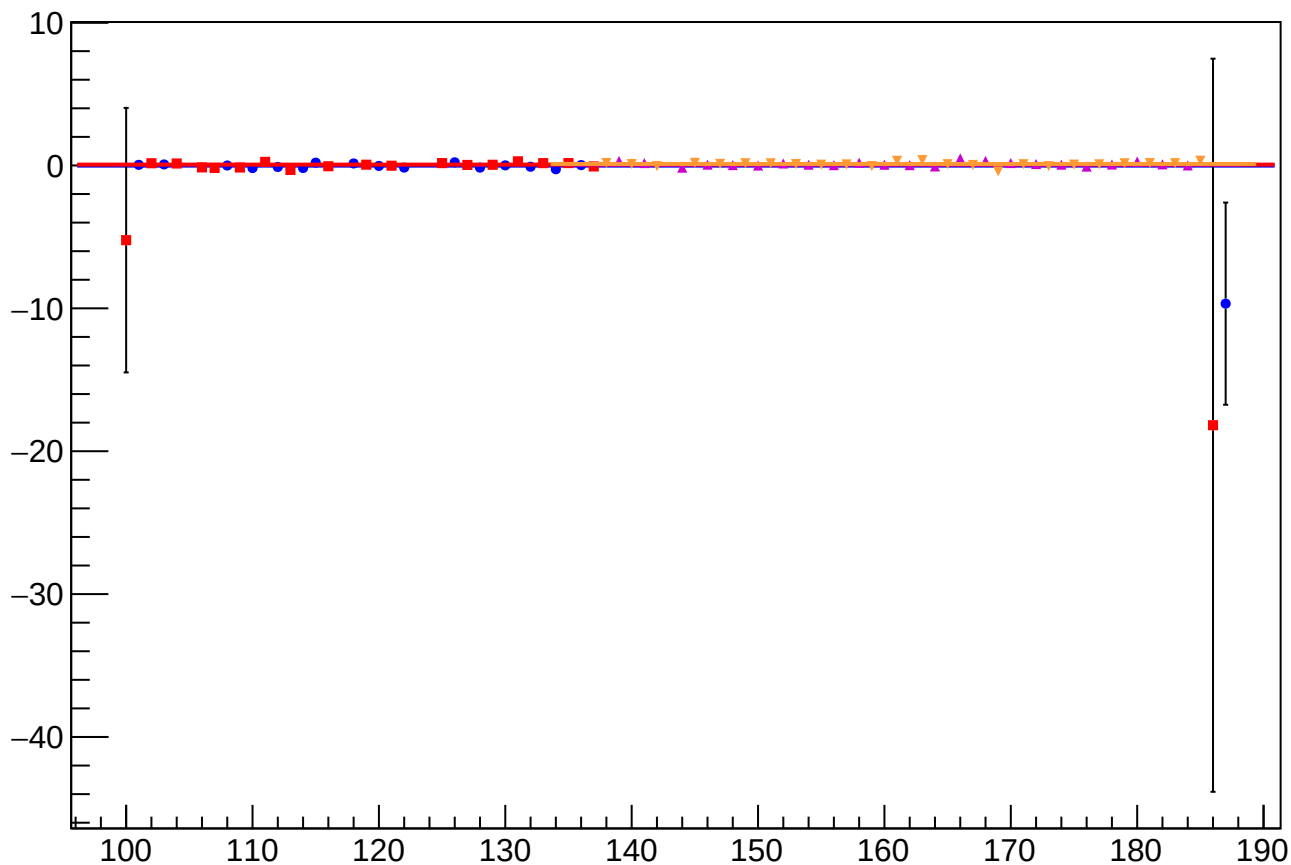
Left In: 0.020 $\pm$ 0.022 χ^2 /NDF:34.5/22

+ sign 0.095 $\pm$ 0.020 χ^2 /NDF: 60.1/40

All: 0.073 $\pm$ 0.014 χ^2 /NDF: 154.0/82

- sign 0.052 $\pm$ 0.020 χ^2 /NDF: 91.7/41

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 15.6/16

Left Out: 0.105 ± 0.020 χ^2/NDF : 29.5/23

Right Out: 0.059 ± 0.034 χ^2/NDF : 21.1/18

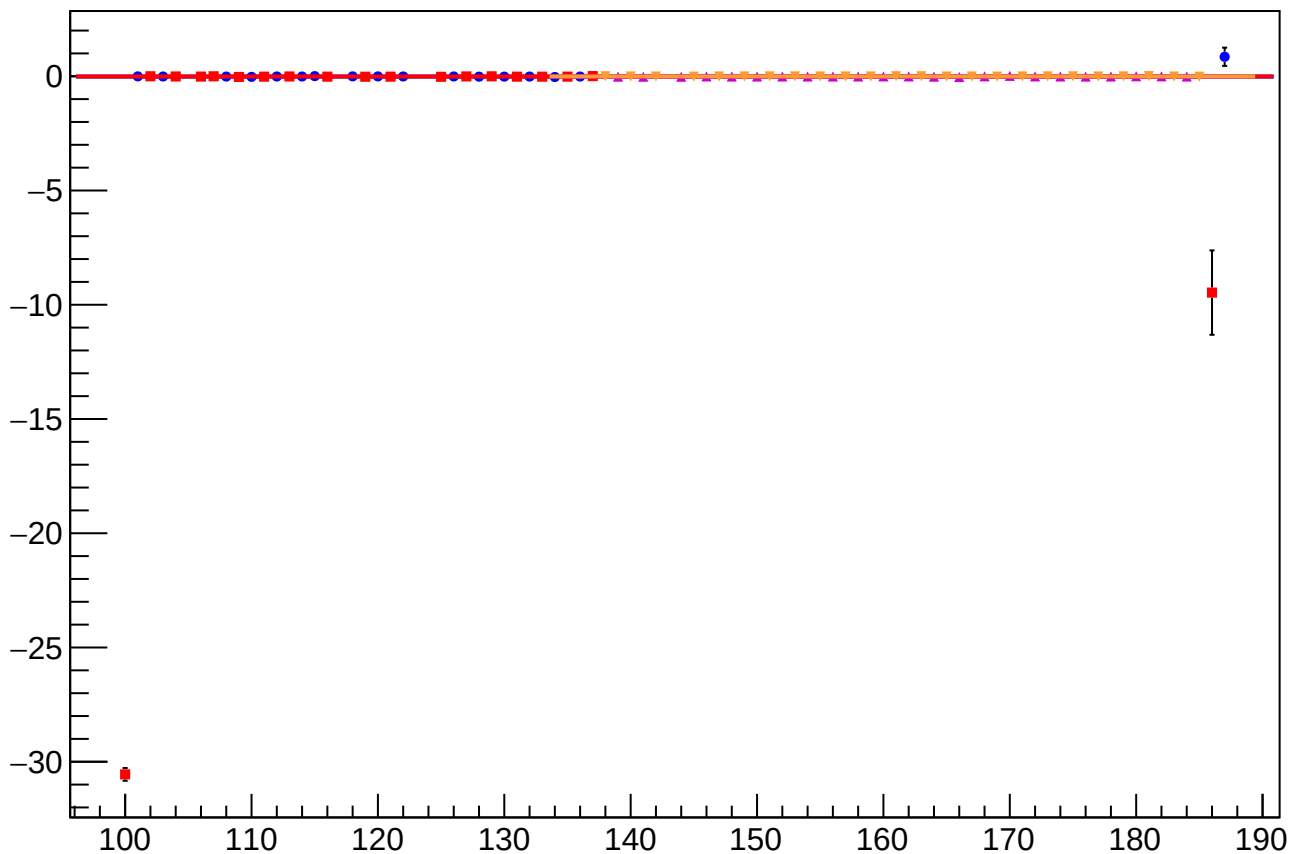
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 54.4/40

All: 0.071 ± 0.012 χ^2/NDF : 107.4/82

- sign 0.069 ± 0.017 χ^2/NDF : 52.9/41

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 17.6/16

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:30.7/23

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11917.7/18

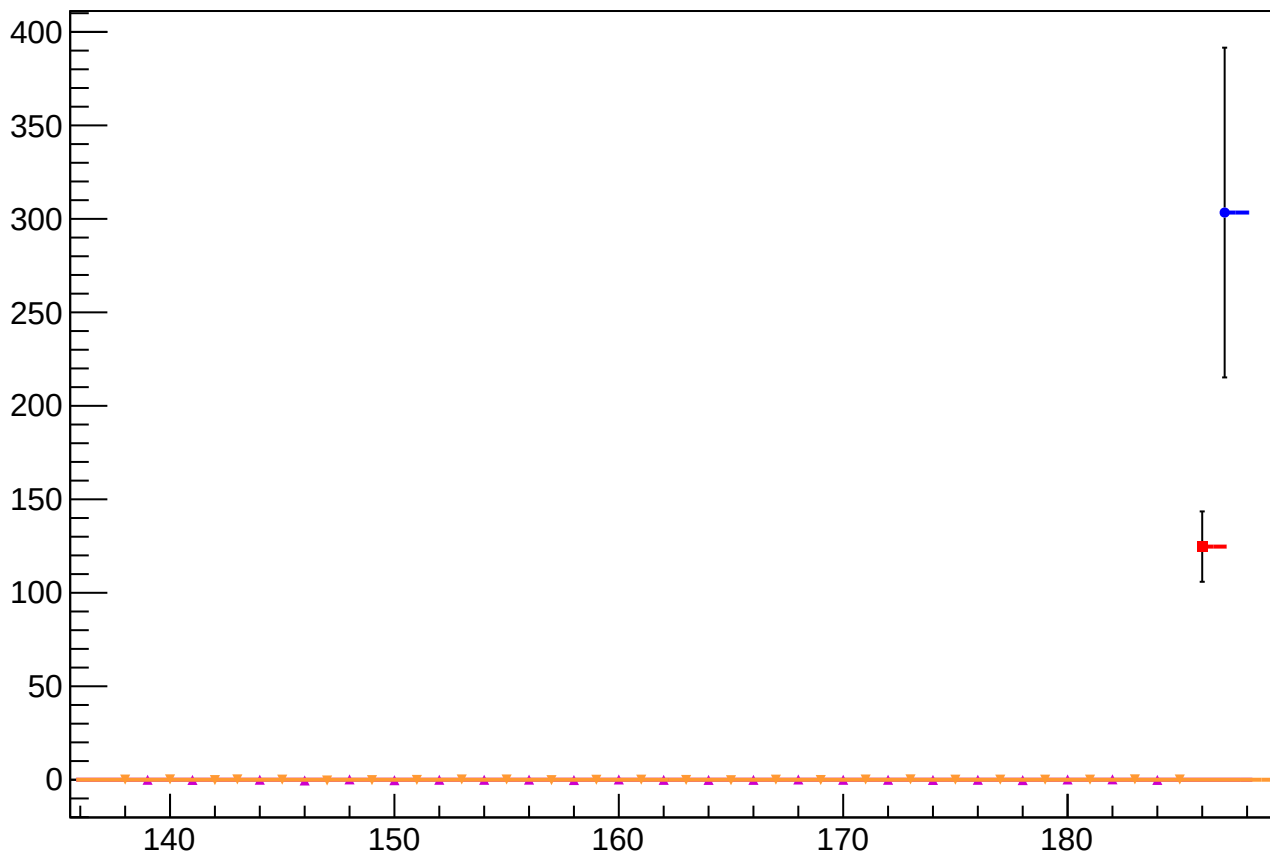
Left In: -0.009 $\pm$ 0.001 χ^2 /NDF:42.1/22

+ sign -0.009 $\pm$ 0.001 χ^2 /NDF: 51.9/40

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 12014.8/82

- sign -0.009 $\pm$ 0.001 χ^2 /NDF: 11962.5/41

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 303.382 $\pm$ 88.188 χ^2 /NDF: 0.0/0

Left Out: 0.013 $\pm$ 0.027 χ^2 /NDF:29.2/24

Right Out: 124.707 $\pm$ 18.821 χ^2 /NDF: 0.0/0

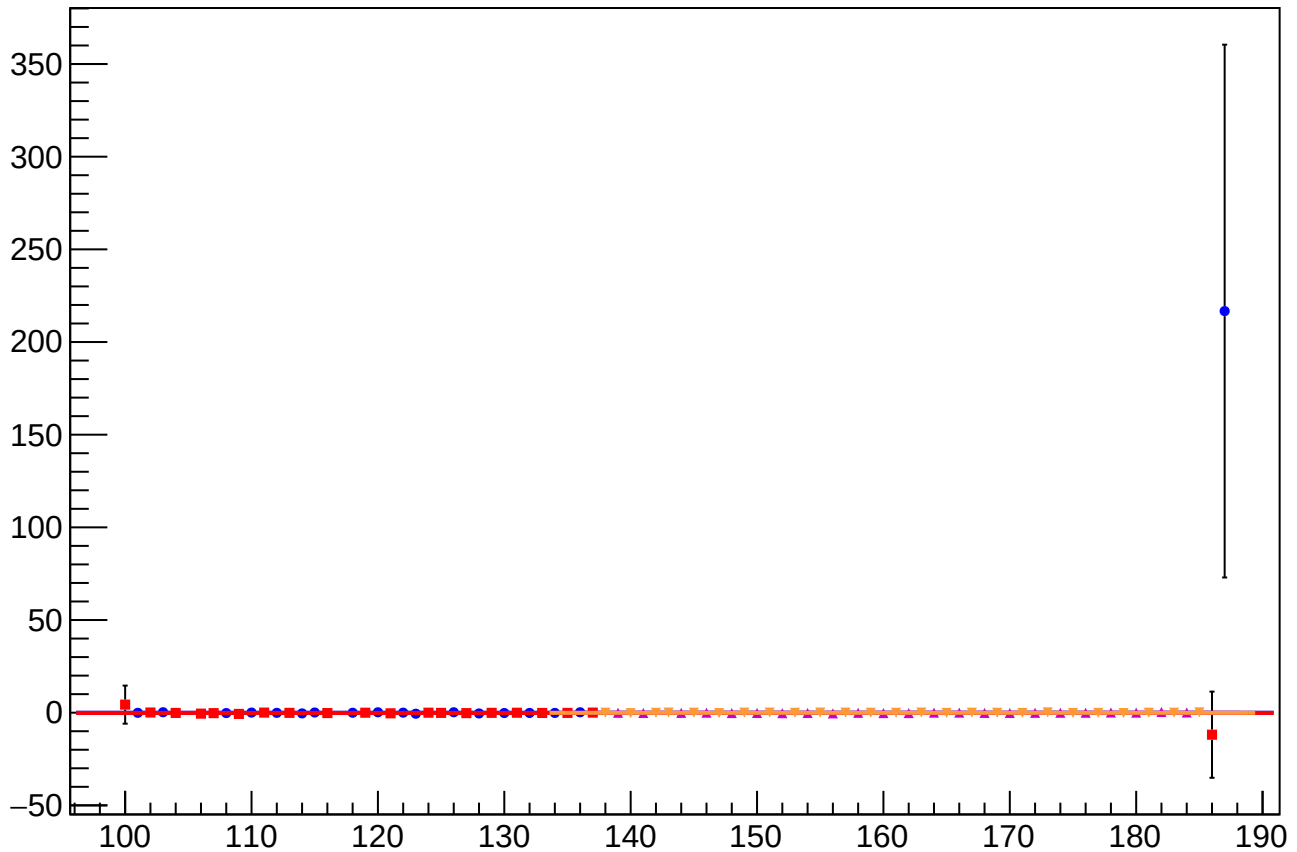
Left In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22

+ sign 0.013 $\pm$ 0.027 χ^2 /NDF: 41.0/25

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 113.1/49

- sign 0.005 $\pm$ 0.028 χ^2 /NDF: 72.1/23

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 25.6/17

Left Out: -0.058 ± 0.021 χ^2/NDF : 25.4/24

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.9/19

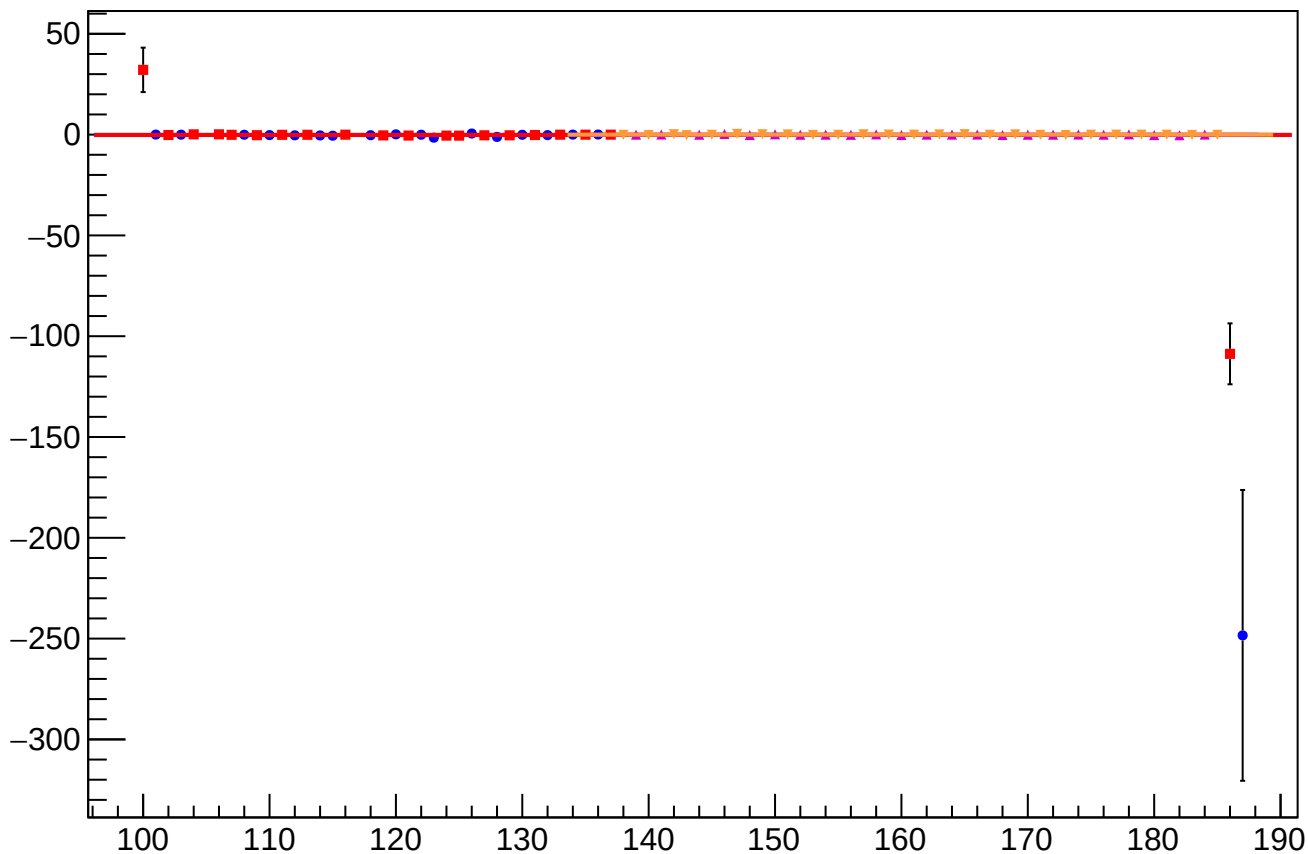
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 51.7/42

All: -0.066 ± 0.013 χ^2/NDF : 121.7/85

- sign -0.085 ± 0.019 χ^2/NDF : 68.2/42

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.130 ± 0.067 χ^2/NDF : 35.6/17

Left Out: -0.015 ± 0.027 χ^2/NDF : 27.0/24

Right Out: -0.174 ± 0.071 χ^2/NDF : 66.7/19

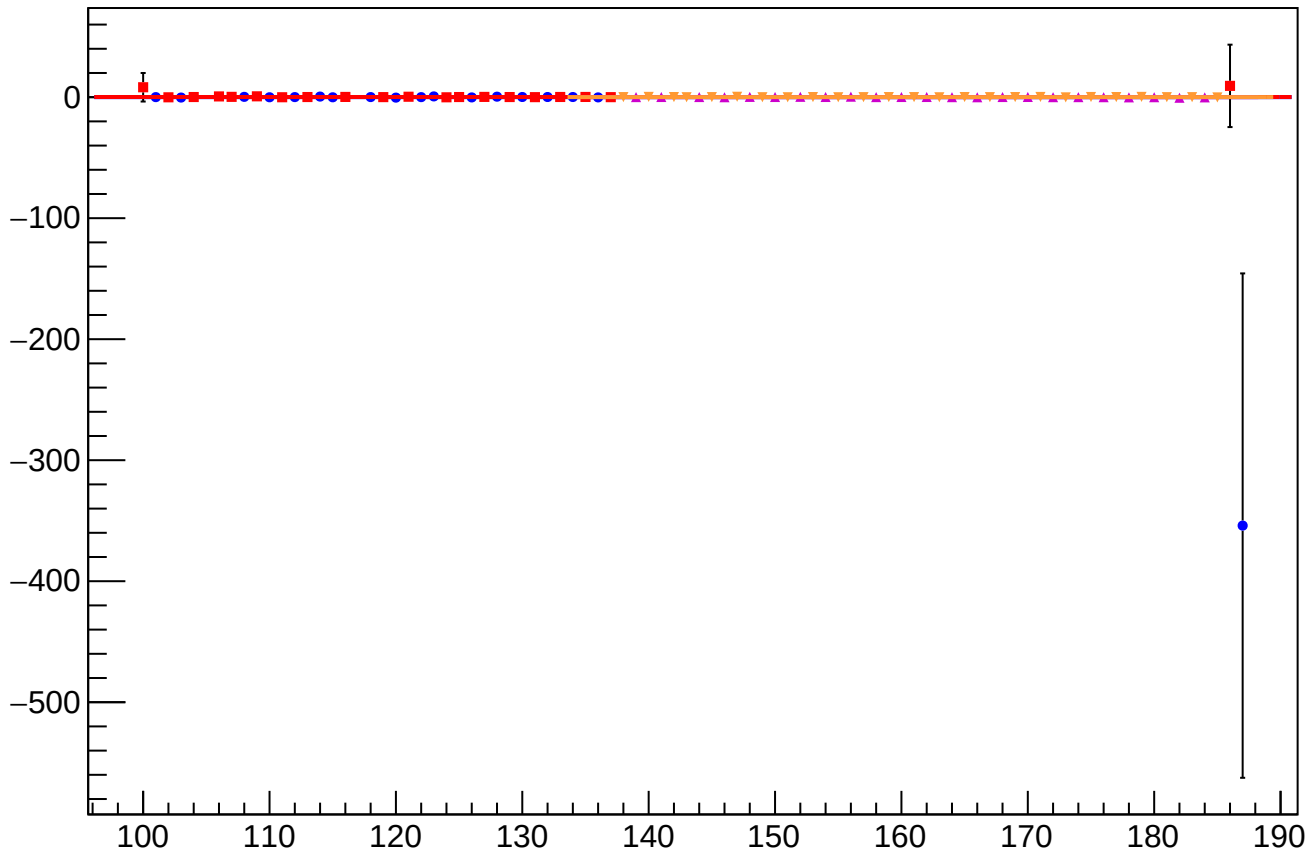
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 65.1/42

All: -0.042 ± 0.018 χ^2/NDF : 163.3/85

- sign -0.053 ± 0.026 χ^2/NDF : 97.7/42

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 $\pm$ 0.042 χ^2 /NDF: 25.4/17

Left Out: 0.062 $\pm$ 0.024 χ^2 /NDF:25.0/24

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.3/19

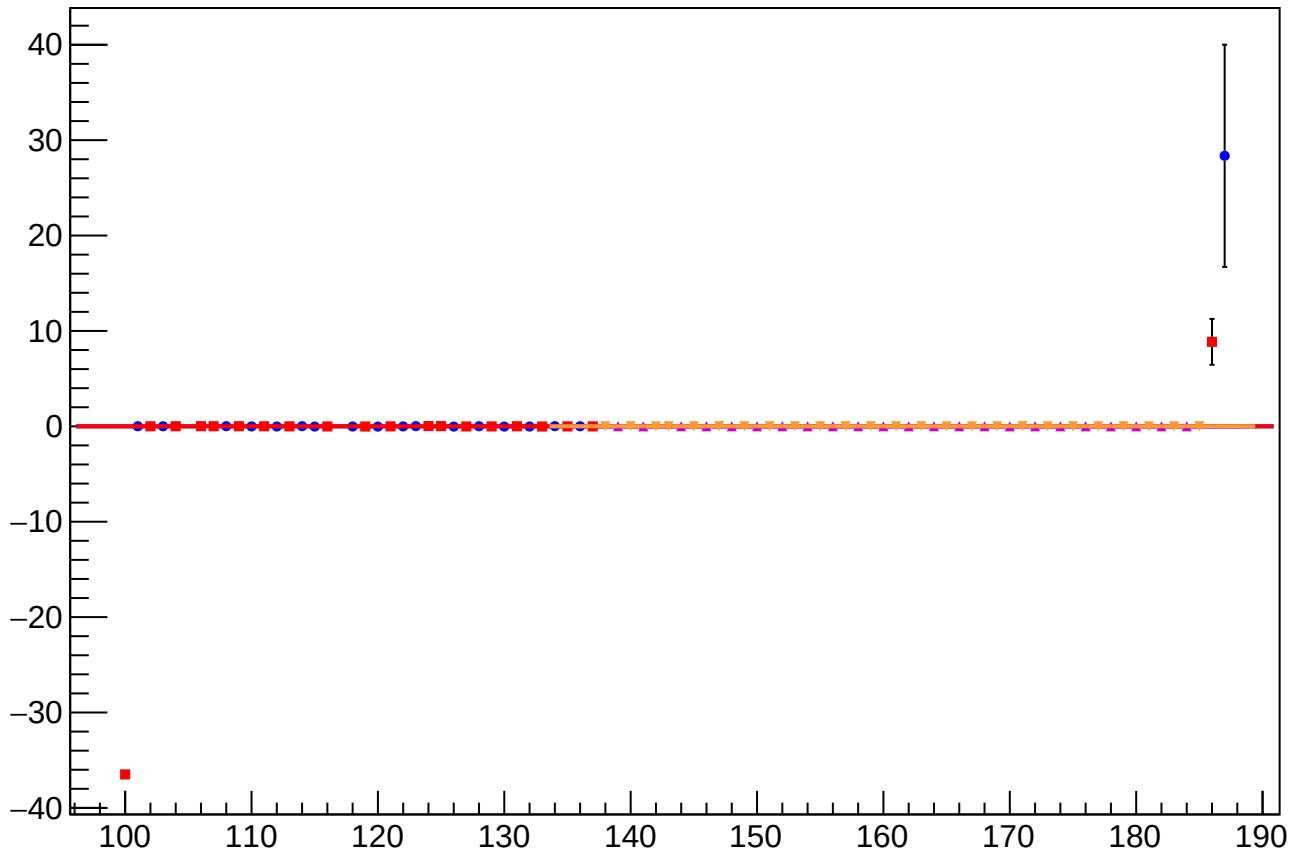
Left In: 0.069 $\pm$ 0.025 χ^2 /NDF:51.4/22

+ sign 0.052 $\pm$ 0.021 χ^2 /NDF: 51.1/42

All: 0.069 $\pm$ 0.015 χ^2 /NDF: 122.9/85

- sign 0.088 $\pm$ 0.022 χ^2 /NDF: 70.3/42

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 38.3/17

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 25.9/24

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10462.7/19

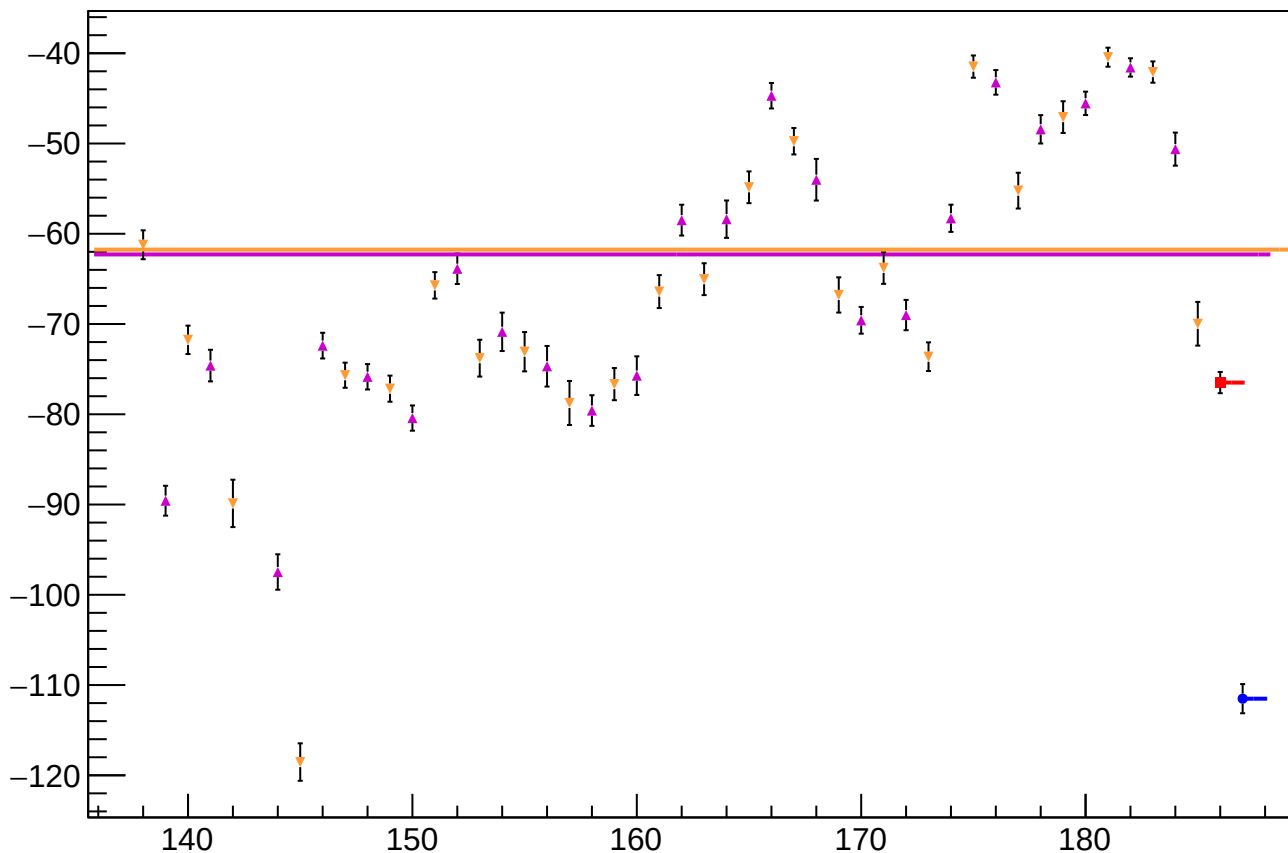
Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 15.8/22

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 72.4/42

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10561.3/85

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10488.7/42

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -111.512 $\pm$ 1.617 χ^2 /NDF: 0.0/0

Left Out: -61.756 $\pm$ 0.334 χ^2 /NDF: 2509.2/23

Right Out: -76.488 $\pm$ 1.179 χ^2 /NDF: 0.0/0

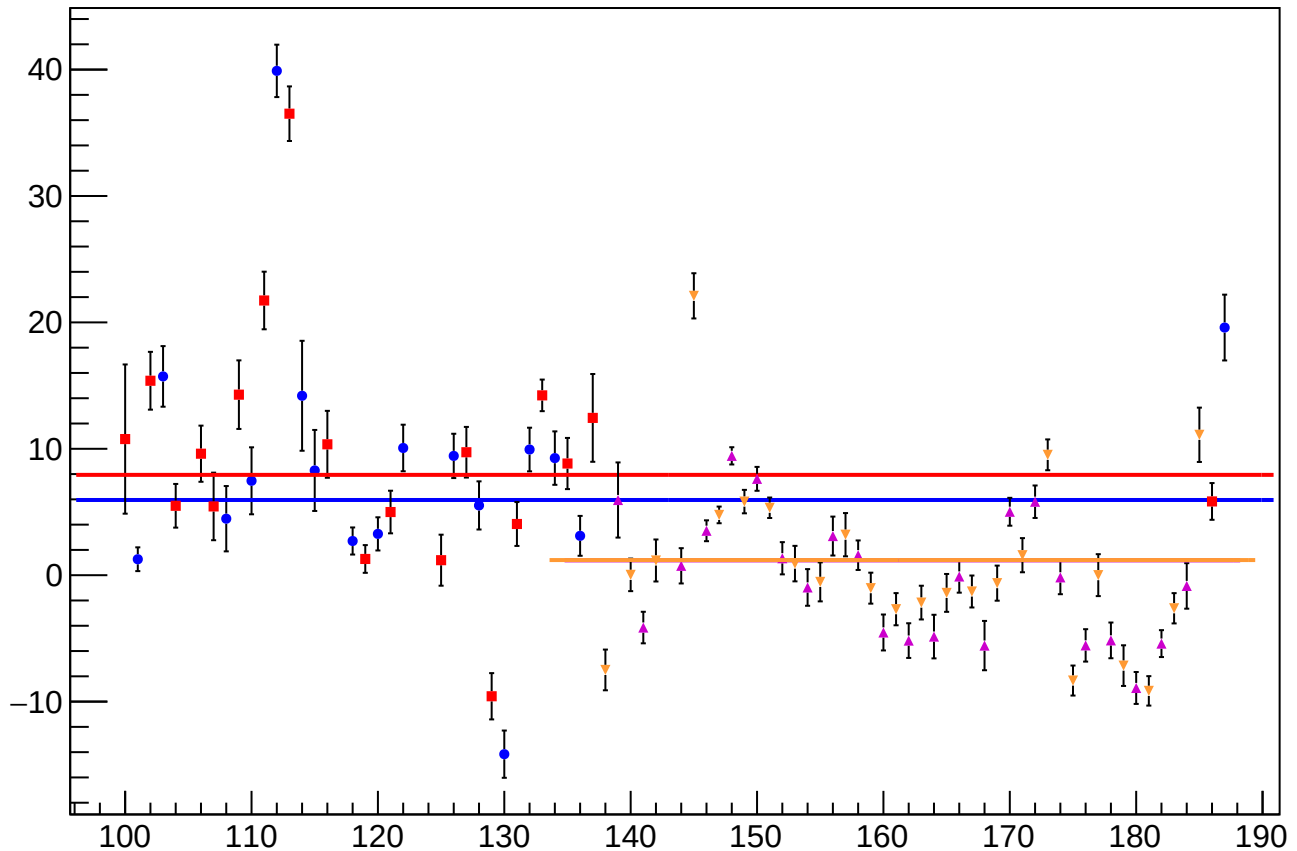
Left In: -62.290 $\pm$ 0.331 χ^2 /NDF: 2265.0/22

+ sign -63.788 $\pm$ 0.327 χ^2 /NDF: 3416.8/24

All: -63.553 $\pm$ 0.228 χ^2 /NDF: 5817.4/48

- sign -63.329 $\pm$ 0.319 χ^2 /NDF: 2399.5/23

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.950 ± 0.418 χ^2/NDF : 491.0/16

Left Out: 1.197 ± 0.252 χ^2/NDF : 526.1/23

Right Out: 7.937 ± 0.433 χ^2/NDF : 410.0/18

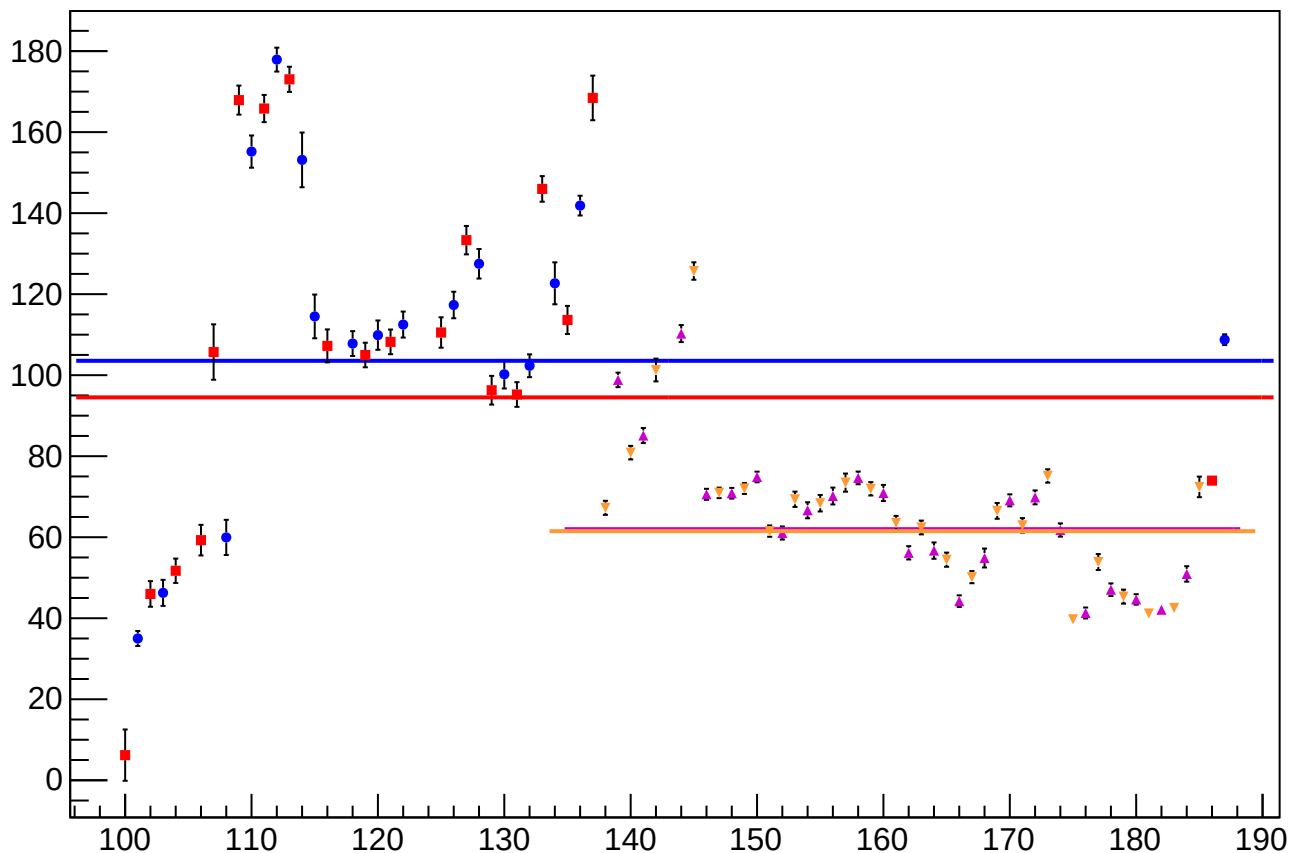
Left In: 1.171 ± 0.255 χ^2/NDF : 466.2/22

+ sign 2.467 ± 0.216 χ^2/NDF : 1111.8/40

All: 2.685 ± 0.154 χ^2/NDF : 2171.5/82

- sign 2.910 ± 0.220 χ^2/NDF : 1057.6/41

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 103.552 $\pm$ 0.690 χ^2 /NDF: 2999.9/16

Left Out: 61.496 $\pm$ 0.332 χ^2 /NDF: 2610.2/23

Right Out: 94.522 $\pm$ 0.625 χ^2 /NDF: 3366.9/18

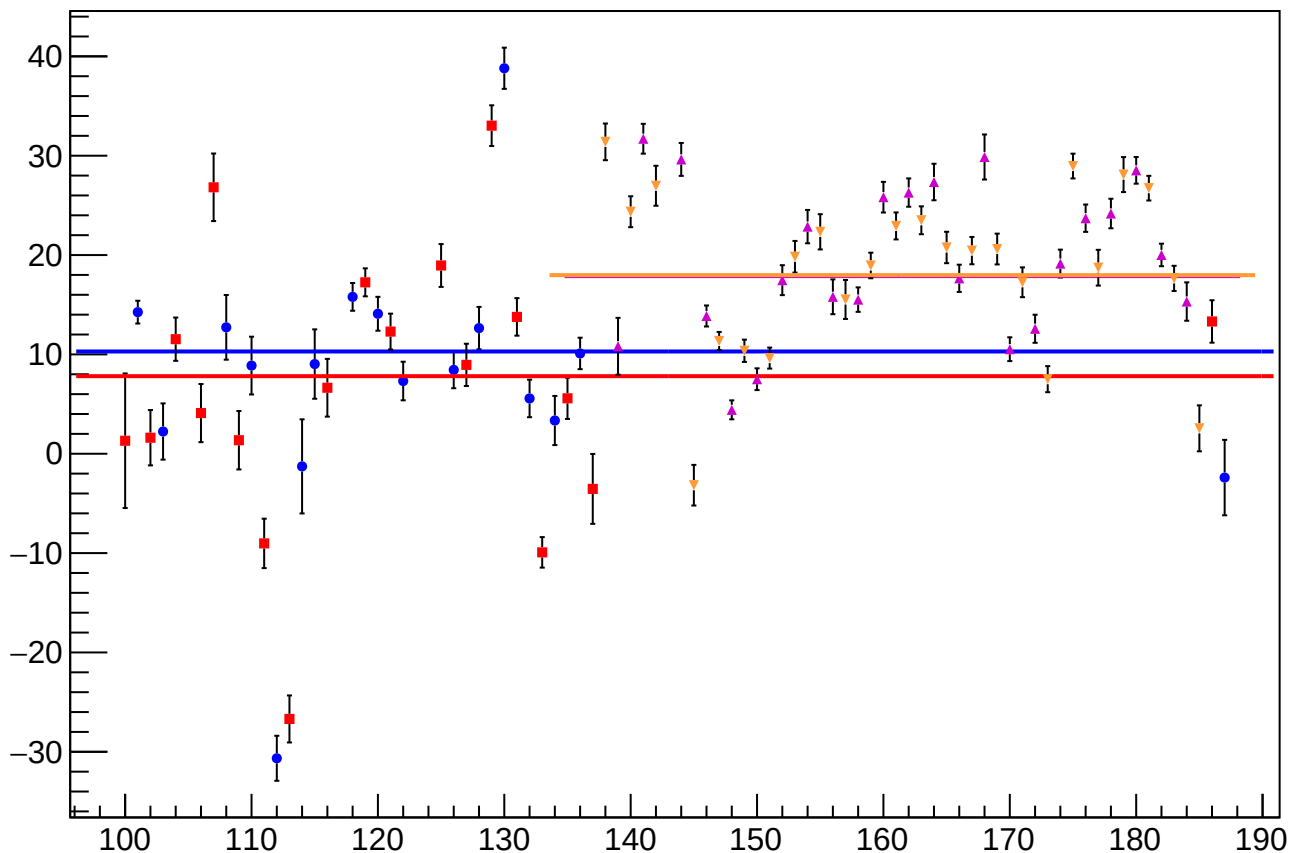
Left In: 61.995 $\pm$ 0.329 χ^2 /NDF: 2517.6/22

+ sign 69.418 $\pm$ 0.299 χ^2 /NDF: 8627.7/40

All: 69.229 $\pm$ 0.209 χ^2 /NDF: 16634.1/82

- sign 69.051 $\pm$ 0.291 χ^2 /NDF: 8005.6/41

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.295 $\pm$ 0.488 χ^2 /NDF: 592.9/16

Left Out: 17.979 $\pm$ 0.291 χ^2 /NDF: 674.8/23

Right Out: 7.808 $\pm$ 0.509 χ^2 /NDF: 696.4/18

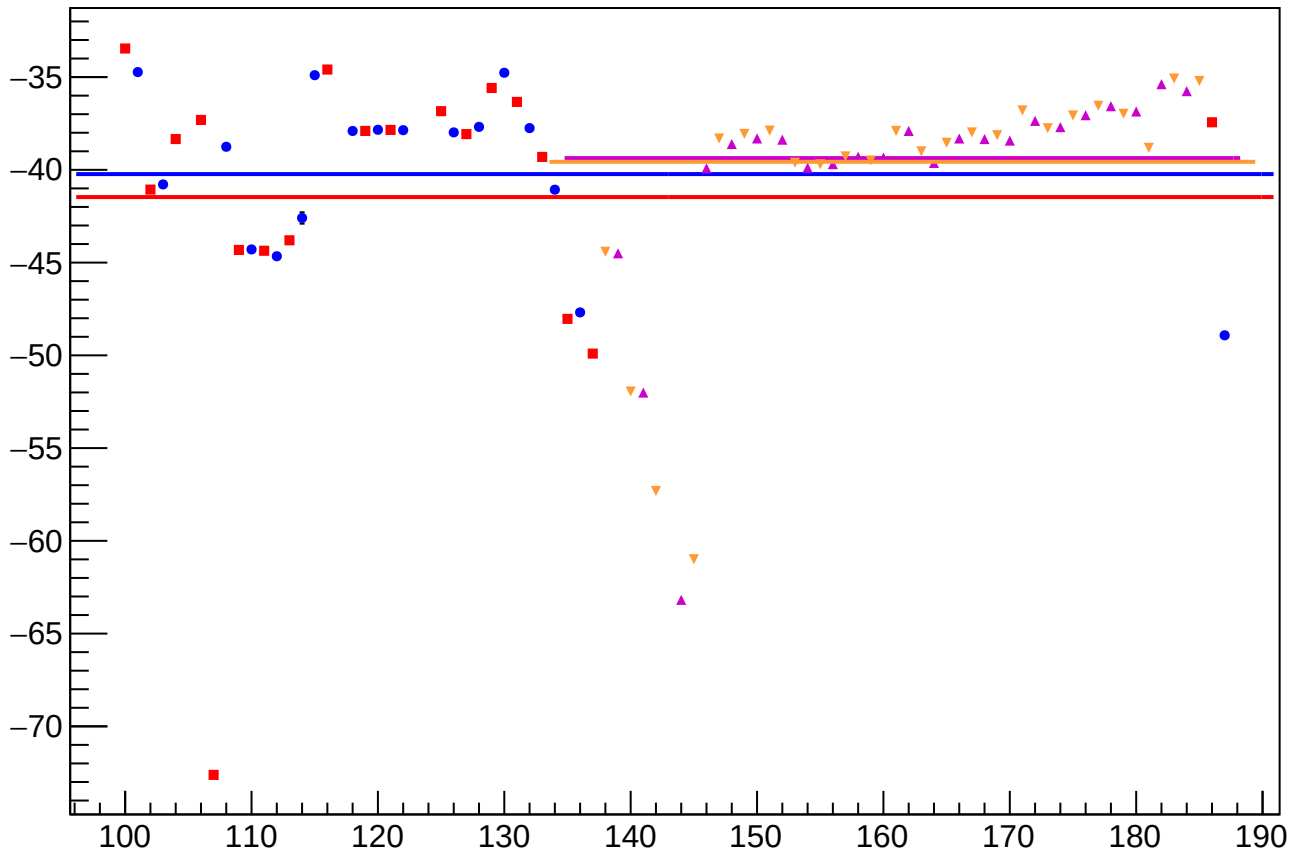
Left In: 17.881 $\pm$ 0.292 χ^2 /NDF: 730.9/22

+ sign 15.965 $\pm$ 0.250 χ^2 /NDF: 1450.7/40

All: 15.682 $\pm$ 0.178 χ^2 /NDF: 3175.5/82

- sign 15.391 $\pm$ 0.253 χ^2 /NDF: 1722.2/41

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.230 ± 0.028 $\chi^2/\text{NDF}: 26790.7/16$

Left Out: -39.567 ± 0.014 $\chi^2/\text{NDF}: 141152.0/23$

Right Out: -41.467 ± 0.028 $\chi^2/\text{NDF}: 62510.1/18$

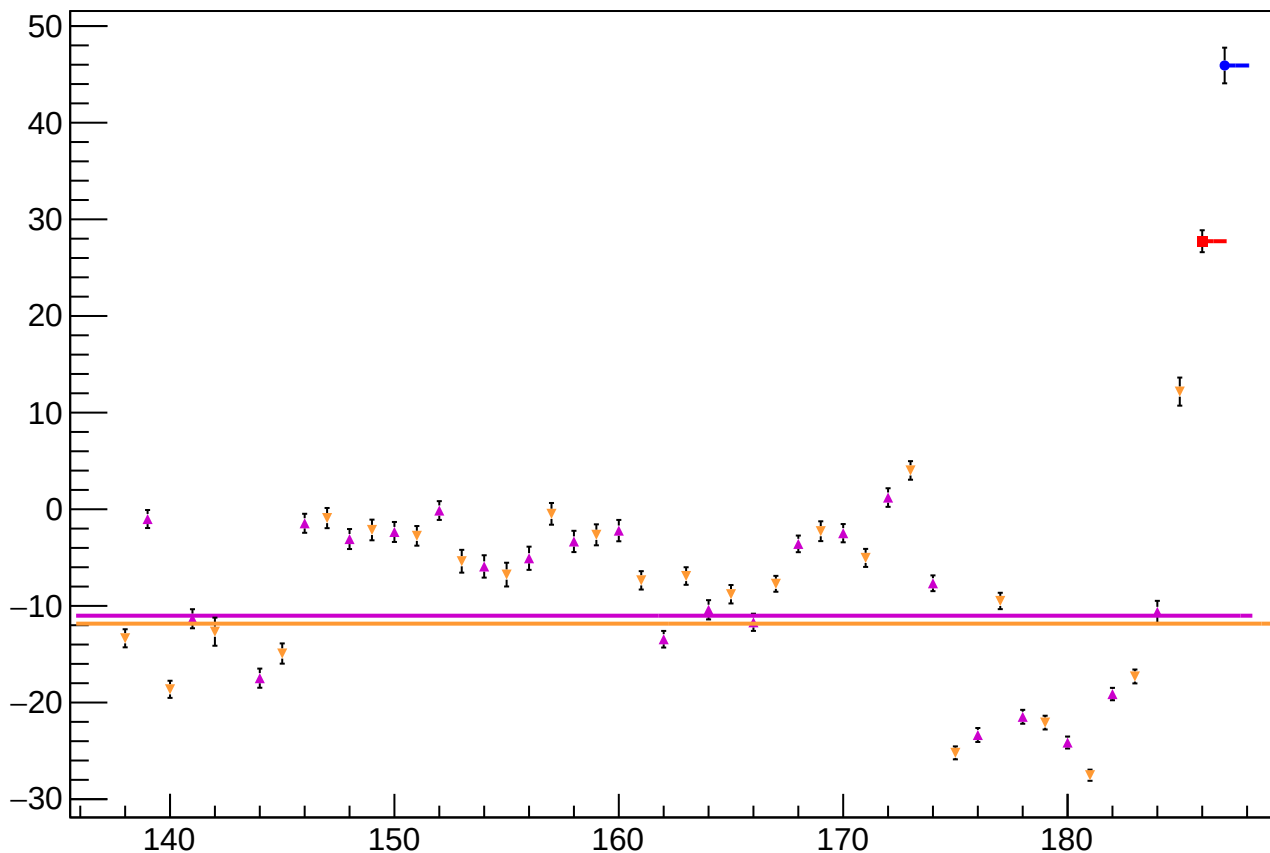
Left In: -39.368 ± 0.014 $\chi^2/\text{NDF}: 117958.1/22$

+ sign -39.696 ± 0.012 $\chi^2/\text{NDF}: 168395.2/40$

All: -39.730 ± 0.009 $\chi^2/\text{NDF}: 353413.1/82$

- sign -39.764 ± 0.012 $\chi^2/\text{NDF}: 185002.4/41$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 45.919 $\pm$ 1.845 χ^2 /NDF: 0.0/0

Left Out: -11.837 $\pm$ 0.187 χ^2 /NDF: 2742.4/23

Right Out: 27.736 $\pm$ 1.135 χ^2 /NDF: 0.0/0

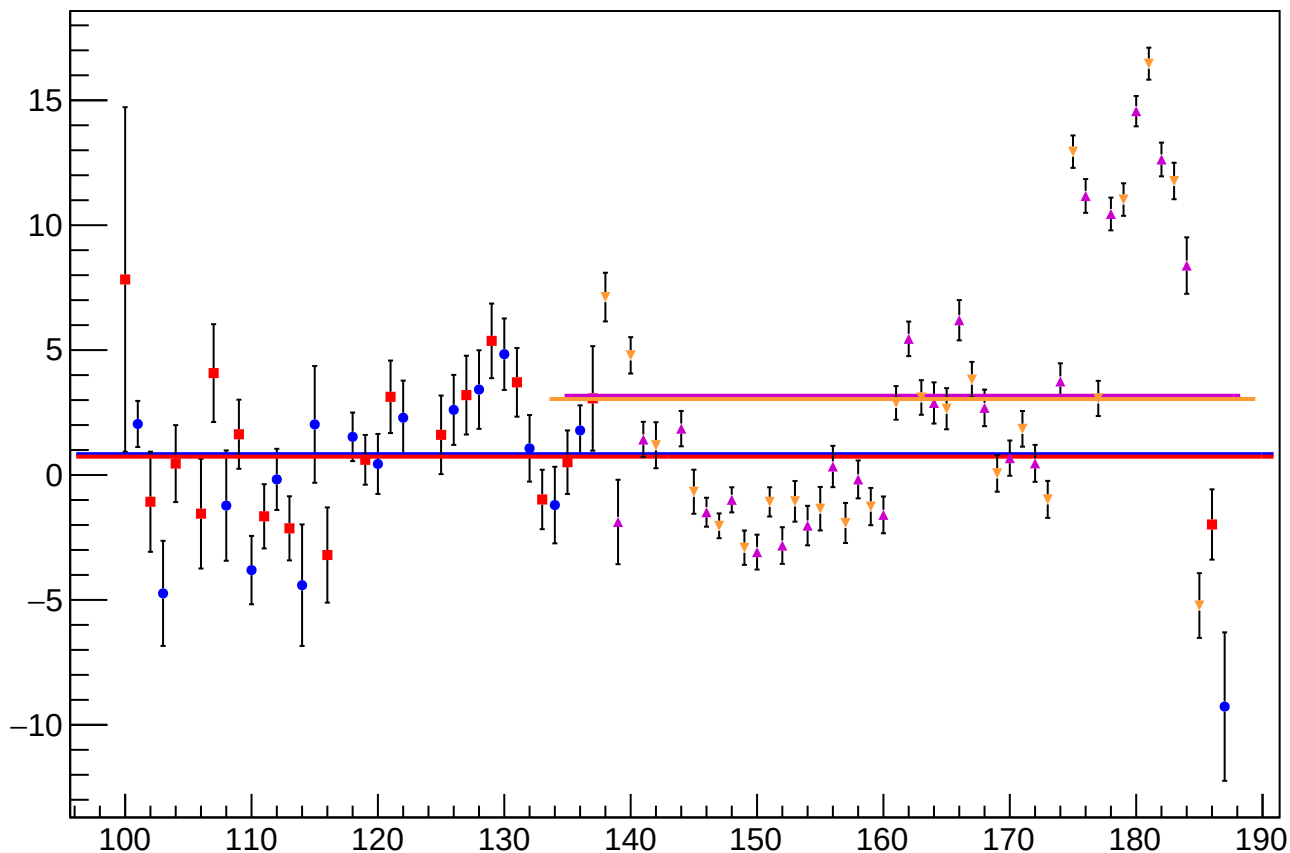
Left In: -11.014 $\pm$ 0.187 χ^2 /NDF: 2116.6/22

+ sign -11.251 $\pm$ 0.186 χ^2 /NDF: 3712.5/24

All: -10.615 $\pm$ 0.131 χ^2 /NDF: 6987.7/48

- sign -9.988 $\pm$ 0.185 χ^2 /NDF: 3251.9/23

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.835 ± 0.336 χ^2/NDF : 54.7/16

Left Out: 3.042 ± 0.148 χ^2/NDF : 1452.6/23

Right Out: 0.734 ± 0.343 χ^2/NDF : 45.9/18

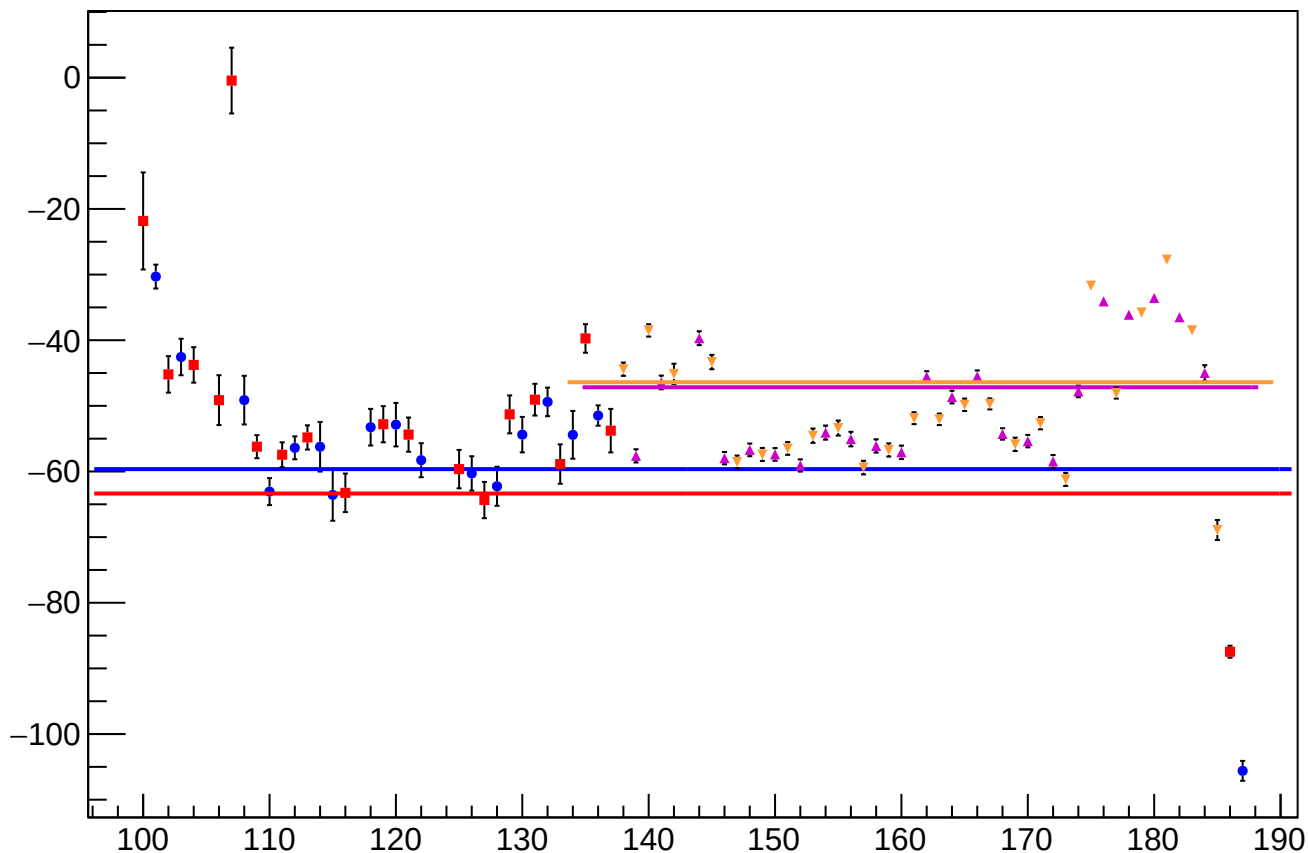
Left In: 3.172 ± 0.150 χ^2/NDF : 1297.9/22

+ sign 2.684 ± 0.135 χ^2/NDF : 1543.4/40

All: 2.733 ± 0.096 χ^2/NDF : 2929.9/82

- sign 2.783 ± 0.137 χ^2/NDF : 1386.3/41

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -59.640 ± 0.567 χ^2/NDF : 1299.8/16

Left Out: -46.398 ± 0.187 χ^2/NDF : 3289.4/23

Right Out: -63.357 ± 0.510 χ^2/NDF : 1255.3/18

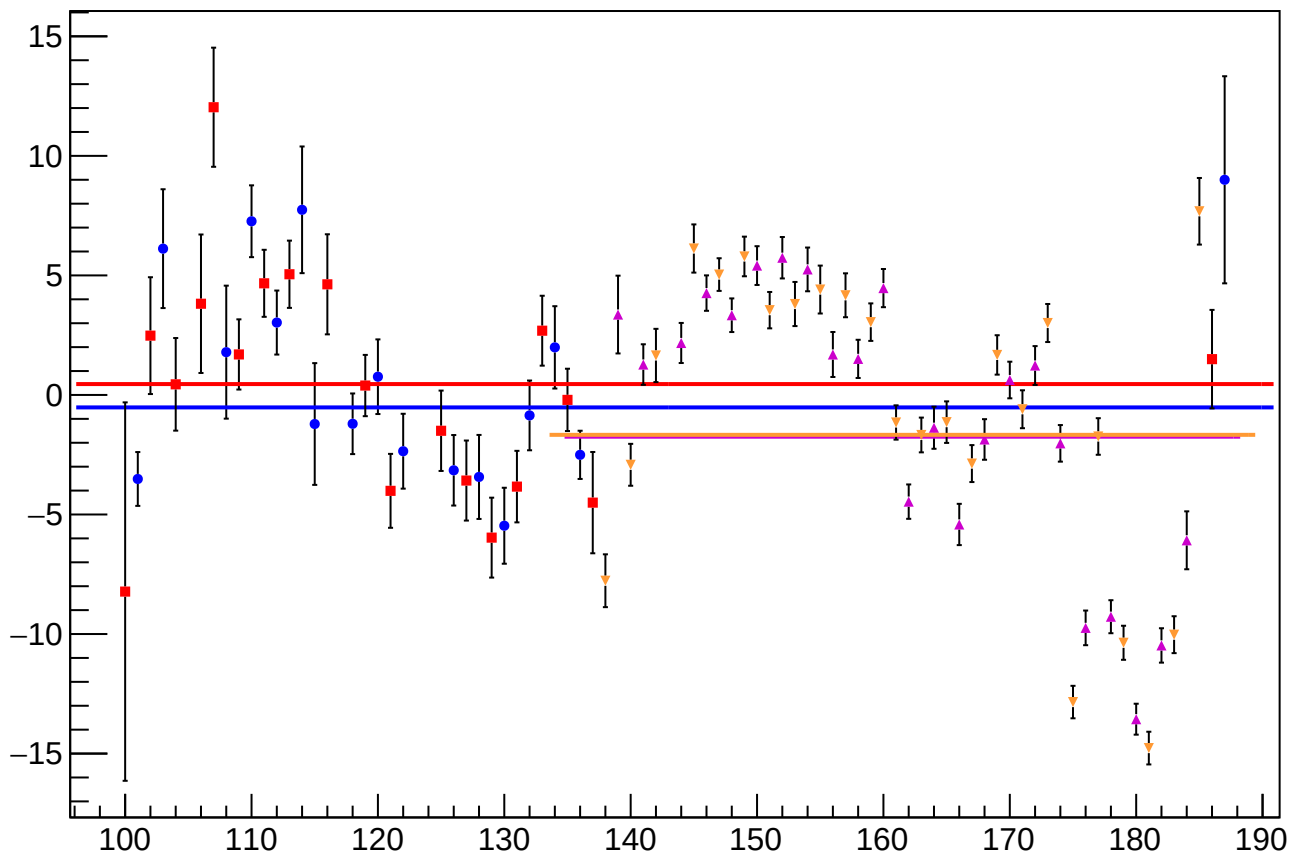
Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

+ sign -47.689 ± 0.177 χ^2/NDF : 5080.8/40

All: -48.392 ± 0.125 χ^2/NDF : 9781.5/82

- sign -49.078 ± 0.175 χ^2/NDF : 4669.7/41

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.521 ± 0.382 χ^2/NDF : 87.5/16

Left Out: -1.668 ± 0.167 χ^2/NDF : 1479.3/23

Right Out: 0.455 ± 0.392 χ^2/NDF : 96.1/18

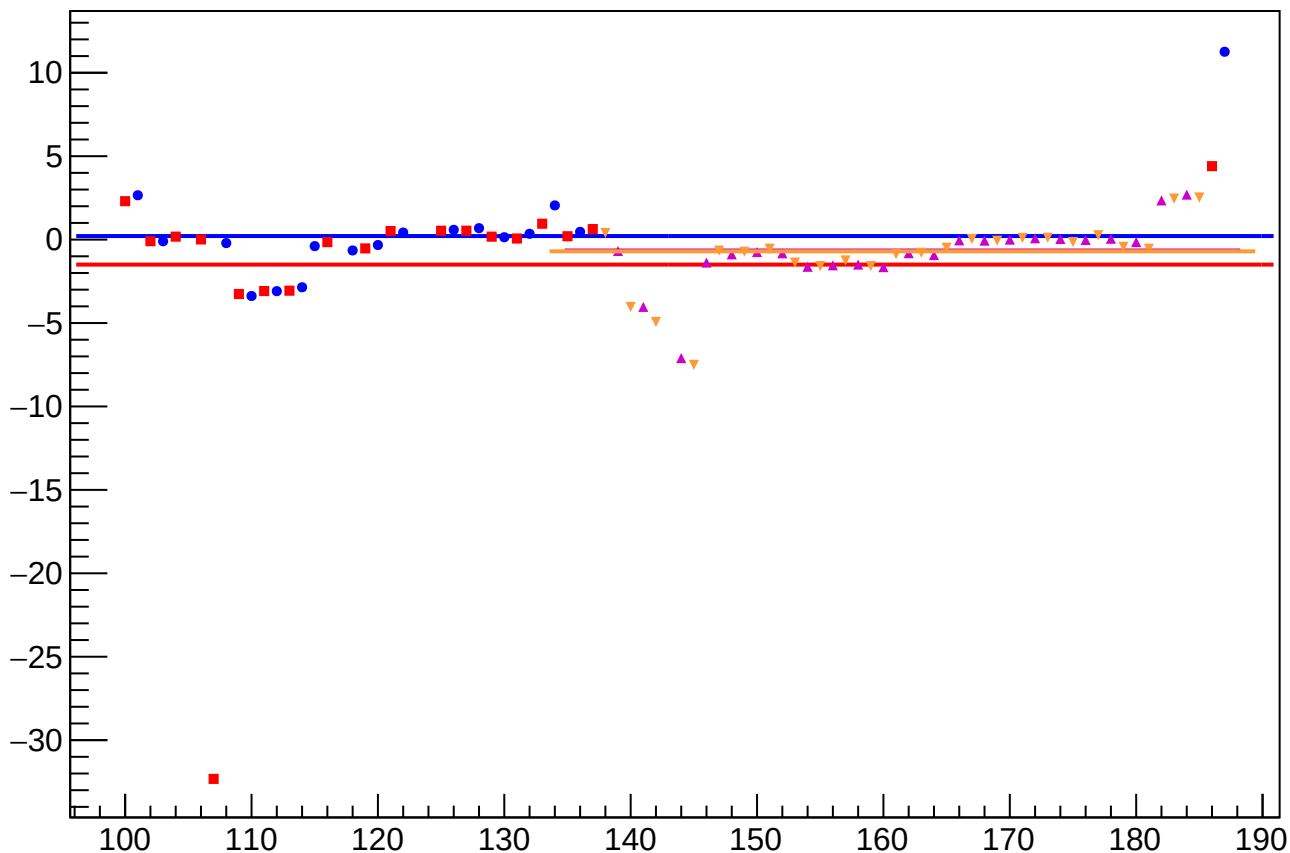
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.485 ± 0.153 χ^2/NDF : 1574.3/40

All: -1.445 ± 0.109 χ^2/NDF : 2951.2/82

- sign -1.404 ± 0.155 χ^2/NDF : 1376.7/41

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.213 ± 0.021 χ^2/NDF : 7308.5/16

Left Out: -0.703 ± 0.008 χ^2/NDF : 53770.3/23

Right Out: -1.498 ± 0.022 χ^2/NDF : 79571.4/18

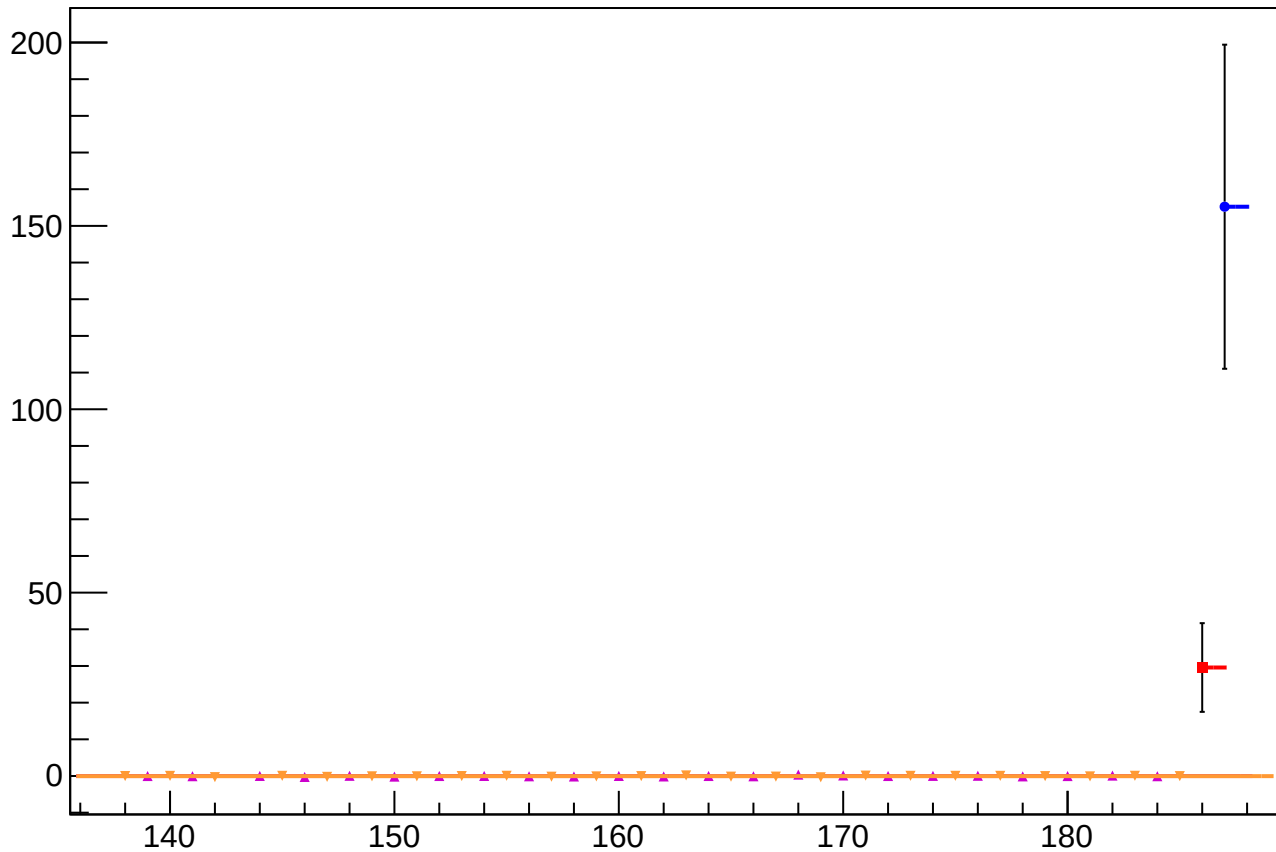
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ sign -0.599 ± 0.007 χ^2/NDF : 62701.7/40

All: -0.672 ± 0.005 χ^2/NDF : 188017.4/82

- sign -0.746 ± 0.007 χ^2/NDF : 125108.0/41

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 155.225 $\pm$ 44.188 χ^2 /NDF: 0.0/0

Left Out: -0.038 $\pm$ 0.018 χ^2 /NDF: 35.6/23

Right Out: 29.583 $\pm$ 12.092 χ^2 /NDF: 0.0/0

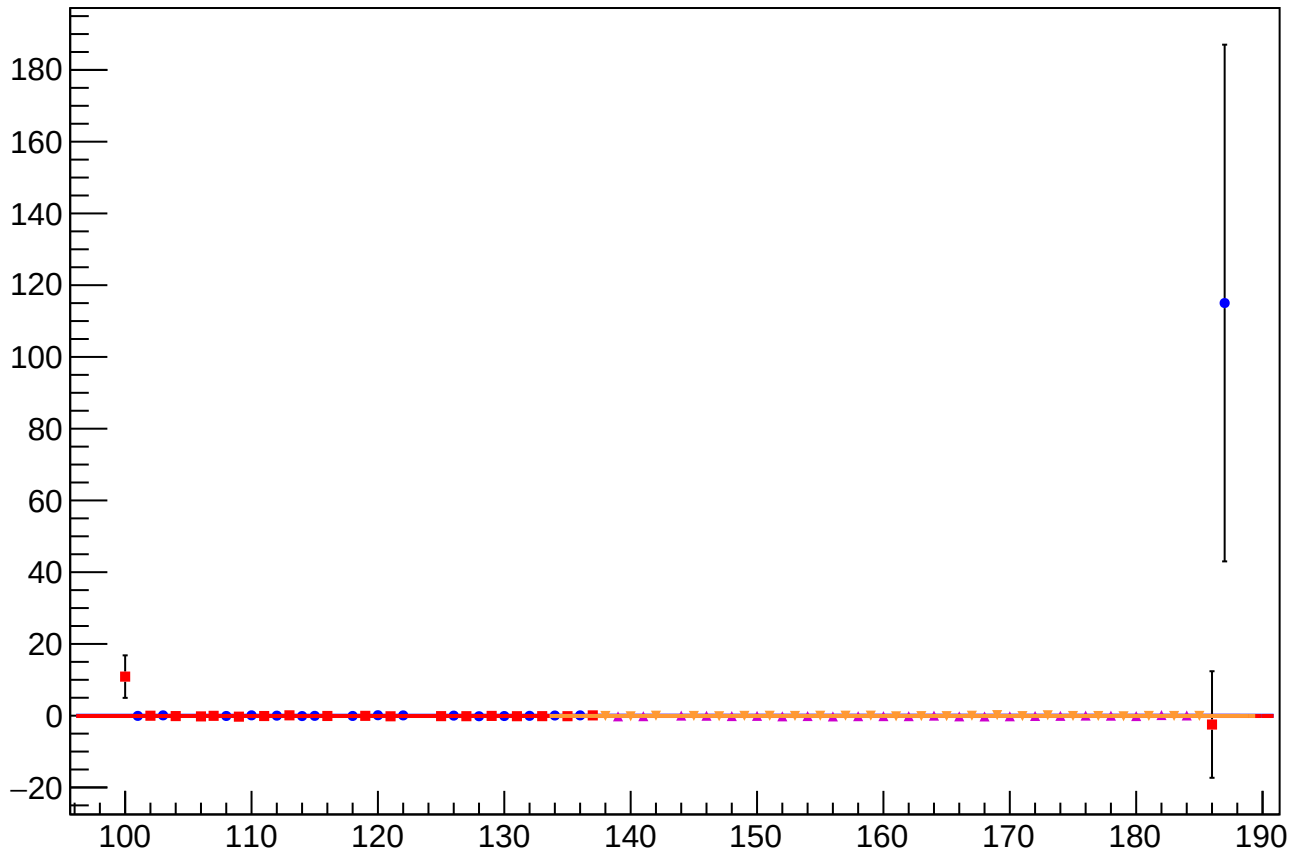
Left In: -0.009 $\pm$ 0.018 χ^2 /NDF: 35.3/22

+ sign -0.038 $\pm$ 0.018 χ^2 /NDF: 47.9/24

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 90.5/48

- sign -0.009 $\pm$ 0.018 χ^2 /NDF: 41.3/23

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 14.8/16

Left Out: -0.073 ± 0.014 $\chi^2/\text{NDF}: 27.8/23$

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/18

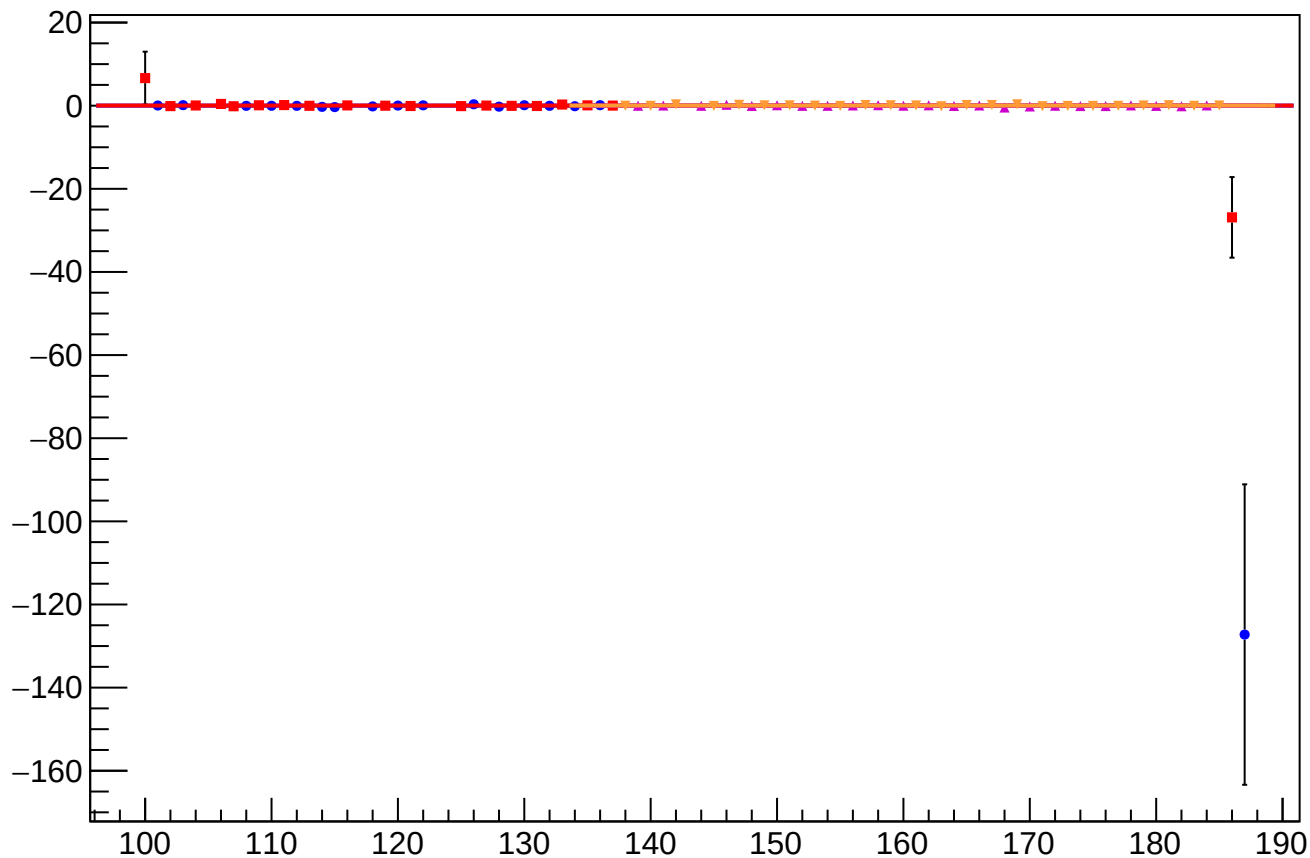
Left In: -0.065+/-0.014 χ^2/NDF :40.4/22

+ sign -0.057 $\pm$ 0.012 χ^2 /NDF: 47.5/40

All: -0.064 ± 0.009 χ^2/NDF : 102.2/82

- sign -0.072 ± 0.012 χ^2/NDF : 53.9/41

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 22.0/16

Left Out: 0.036 ± 0.018 χ^2/NDF : 32.4/23

Right Out: 0.029 ± 0.045 χ^2/NDF : 16.9/18

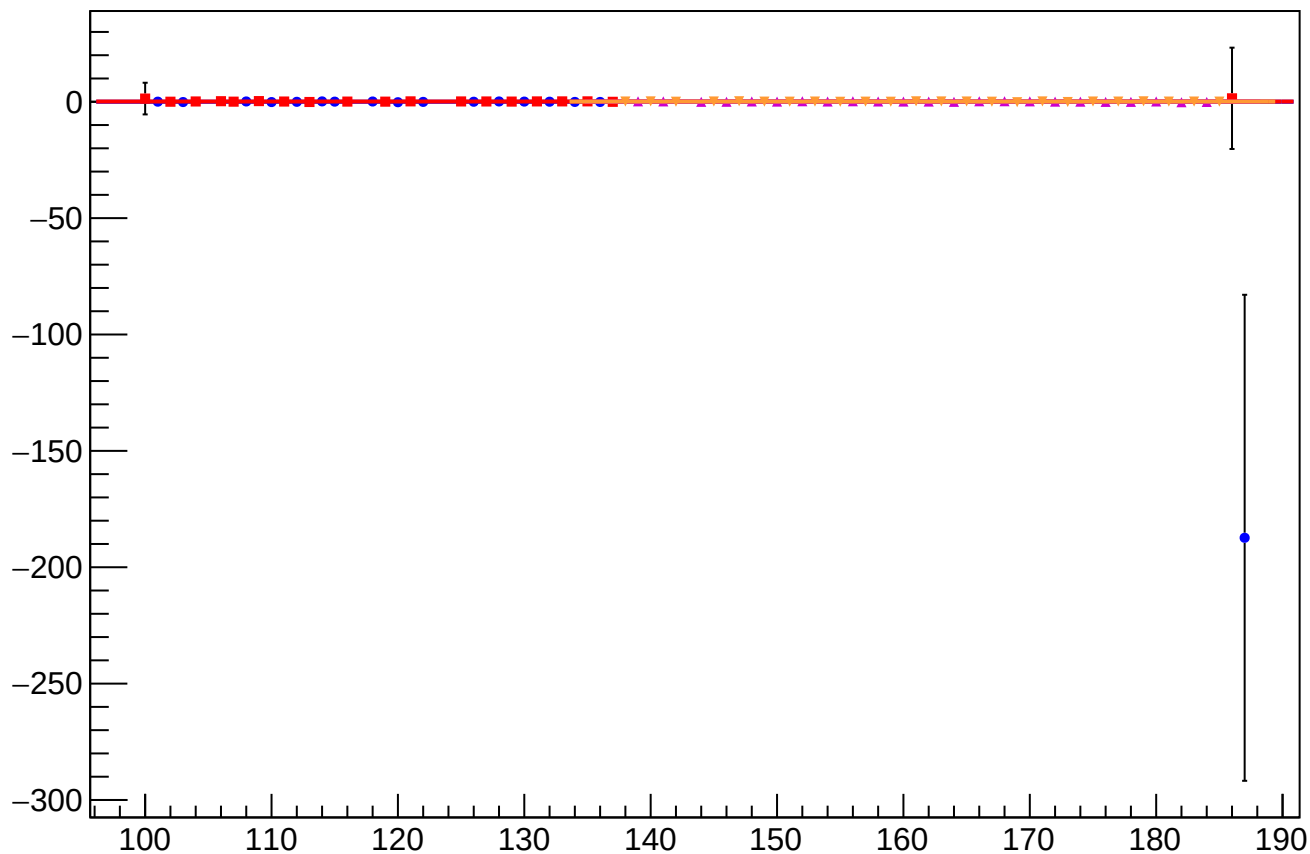
Left In: -0.010 ± 0.018 χ^2/NDF : 37.1/22

+ sign 0.033 ± 0.017 χ^2/NDF : 54.6/40

All: 0.014 ± 0.012 χ^2/NDF : 111.8/82

- sign -0.005 ± 0.017 χ^2/NDF : 54.6/41

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 15.3/16

Left Out: 0.086 $\pm$ 0.016 χ^2 /NDF: 27.8/23

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/18

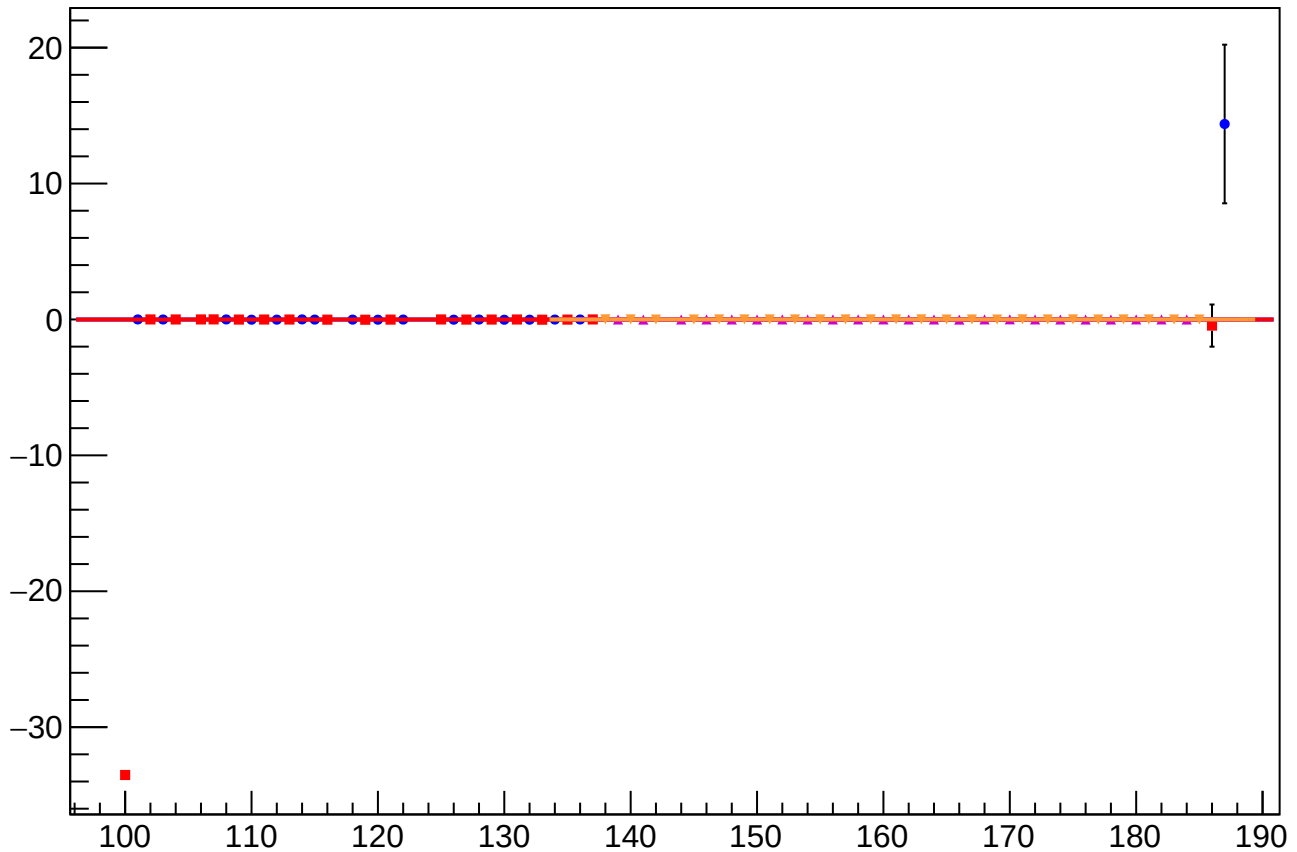
Left In: 0.071 $\pm$ 0.016 χ^2 /NDF: 44.0/22

+ sign 0.065 $\pm$ 0.014 χ^2 /NDF: 49.5/40

All: 0.073 $\pm$ 0.010 χ^2 /NDF: 103.4/82

- sign 0.081 $\pm$ 0.014 χ^2 /NDF: 53.3/41

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 28.7/16

Left Out: 0.000 ± 0.001 χ^2/NDF : 23.9/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 26509.0/18

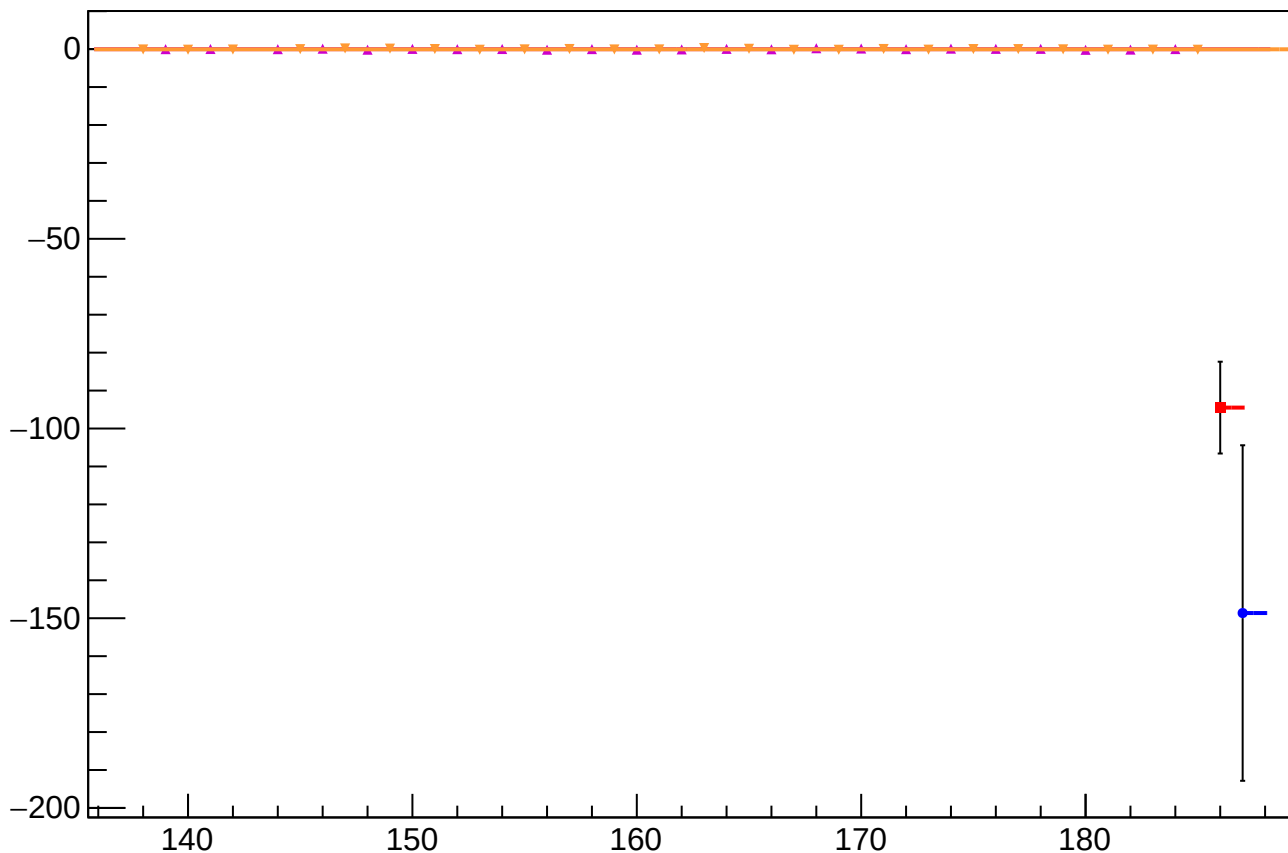
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 65.6/40

All: -0.001 ± 0.000 χ^2/NDF : 26610.9/82

- sign -0.001 ± 0.001 χ^2/NDF : 26545.3/41

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -148.630+/-44.216 χ^2/NDF : 0.0/0

Left Out: -0.052+/-0.018 χ^2/NDF : 37.3/23

Right Out: -94.487+/-12.098 χ^2/NDF : 0.0/0

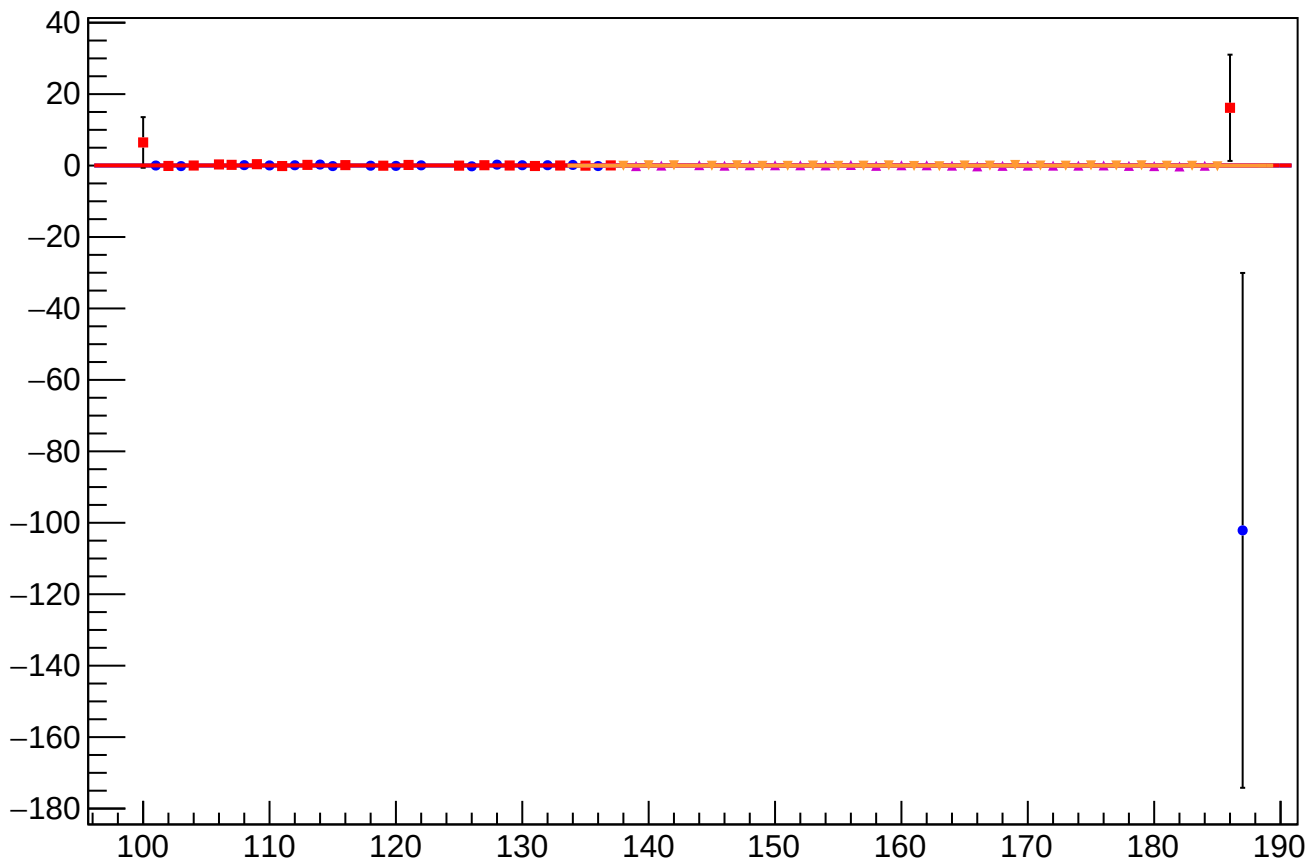
Left In: -0.010+/-0.018 χ^2/NDF : 33.3/22

+ sign -0.052+/-0.018 χ^2/NDF : 48.6/24

All: -0.031+/-0.013 χ^2/NDF : 145.6/48

- sign -0.010+/-0.018 χ^2/NDF : 94.3/23

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 27.4/16

Left Out: -0.010 $\pm$ 0.014 χ^2 /NDF:29.5/23

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 29.1/18

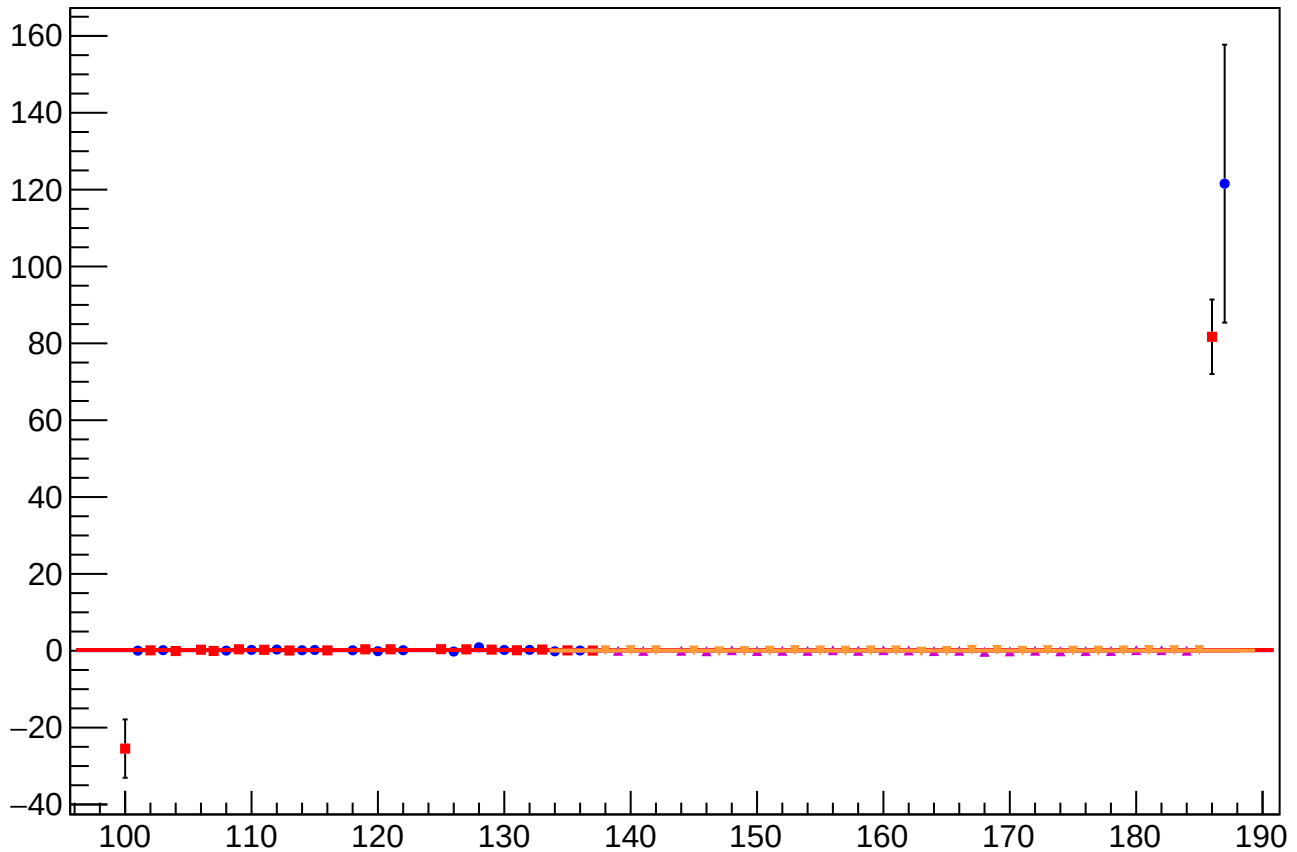
Left In: 0.004 $\pm$ 0.014 χ^2 /NDF:50.3/22

+ sign -0.005 $\pm$ 0.012 χ^2 /NDF: 57.5/40

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 139.5/82

- sign 0.013 $\pm$ 0.012 χ^2 /NDF: 81.0/41

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 40.0/16

Left Out: 0.048 $\pm$ 0.018 χ^2 /NDF: 35.4/23

Right Out: 0.202 $\pm$ 0.045 χ^2 /NDF: 93.5/18

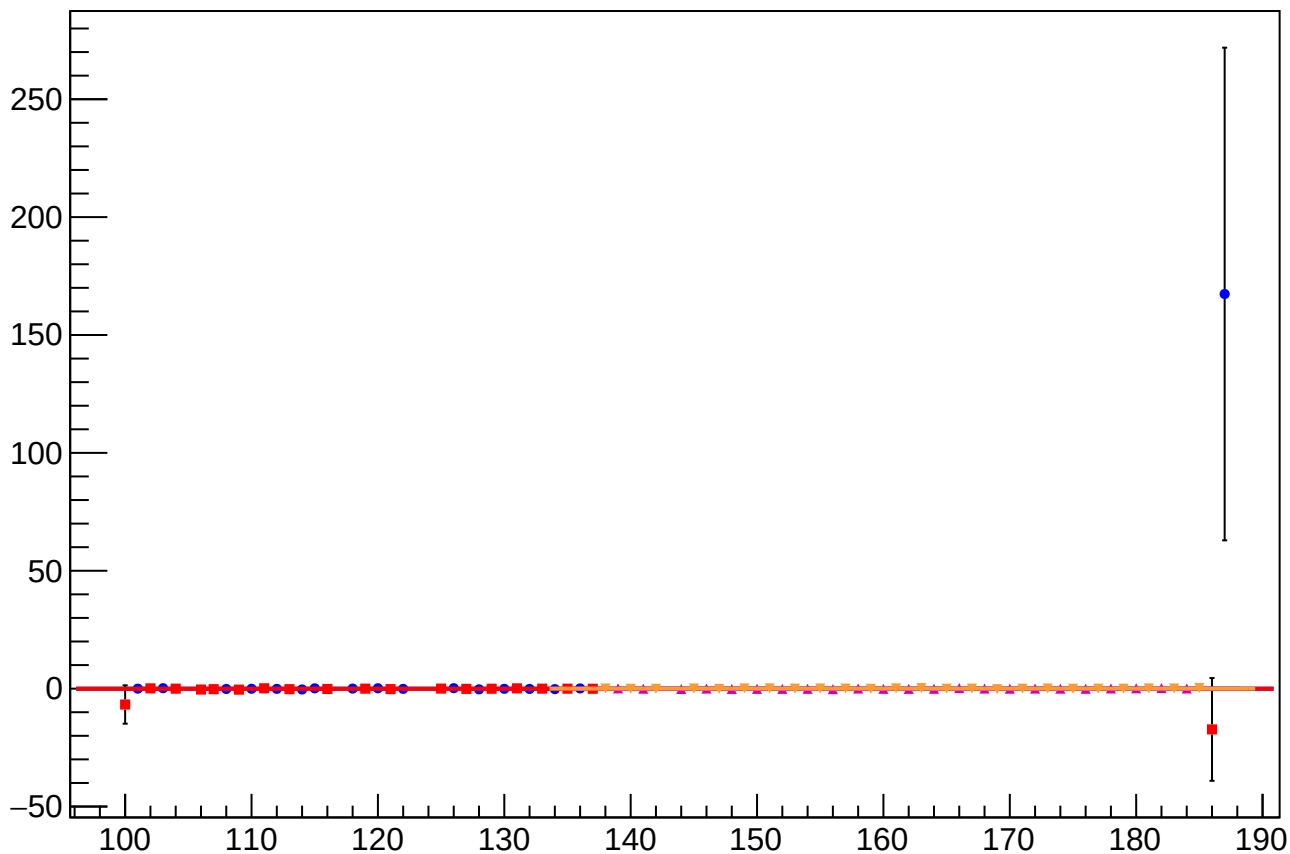
Left In: 0.021 $\pm$ 0.018 χ^2 /NDF: 34.0/22

+ sign 0.063 $\pm$ 0.017 χ^2 /NDF: 80.4/40

All: 0.055 $\pm$ 0.012 χ^2 /NDF: 222.5/82

- sign 0.046 $\pm$ 0.017 χ^2 /NDF: 141.5/41

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 27.7/16

Left Out: 0.021 ± 0.016 χ^2/NDF : 33.2/23

Right Out: -0.050 ± 0.029 χ^2/NDF : 26.4/18

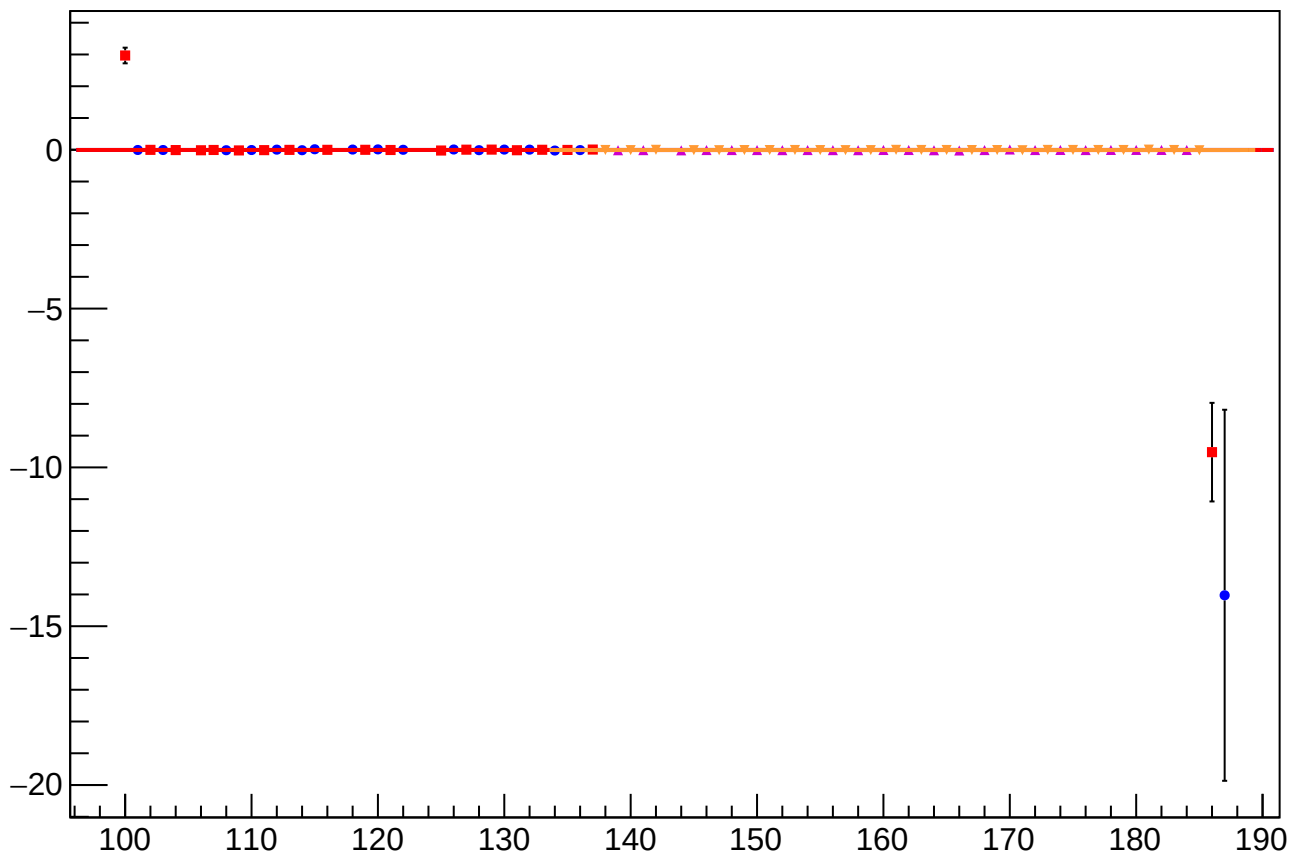
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 62.1/40

All: 0.003 ± 0.010 χ^2/NDF : 143.0/82

- sign -0.007 ± 0.014 χ^2/NDF : 80.0/41

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 34.8/16

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF: 31.9/23

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 203.4/18

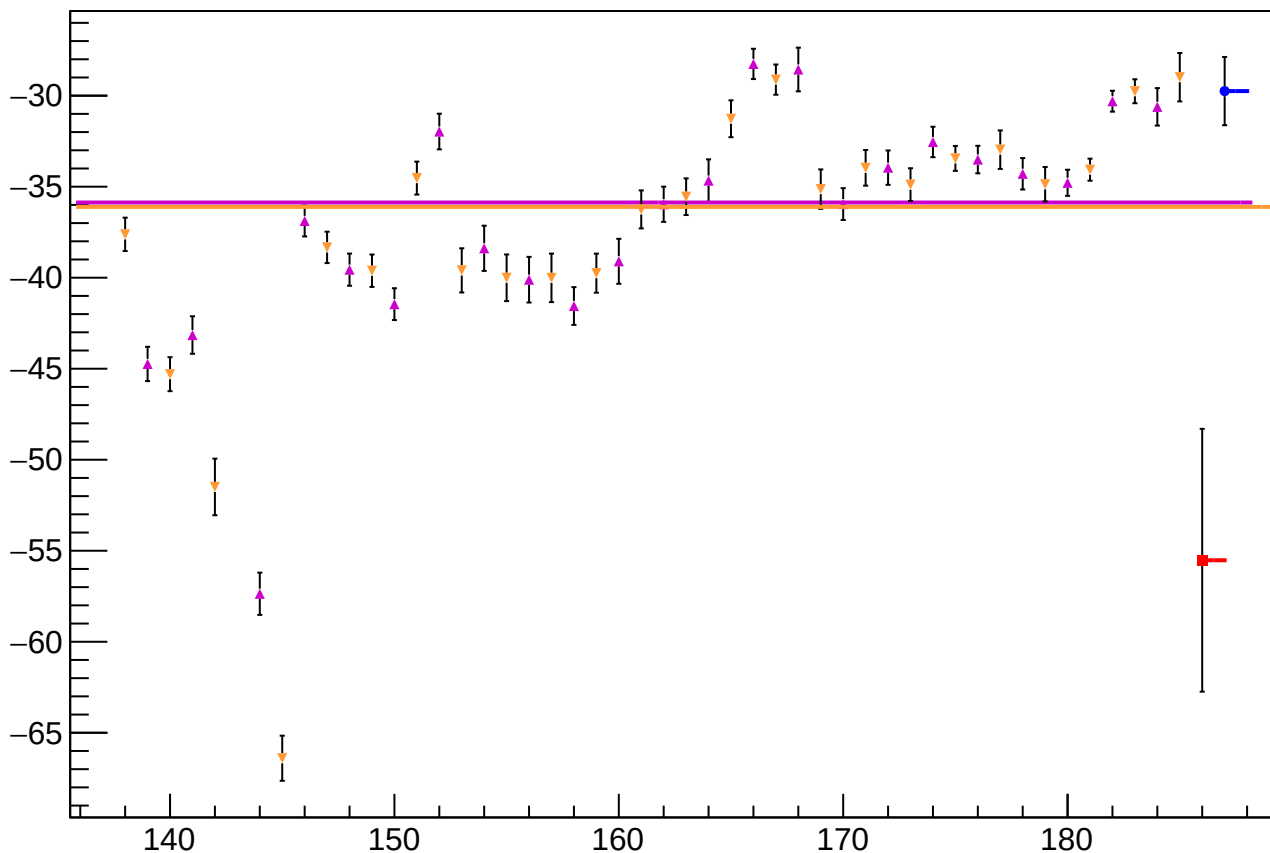
Left In: -0.009 $\pm$ 0.001 χ^2 /NDF: 39.2/22

+ sign -0.008 $\pm$ 0.001 χ^2 /NDF: 68.5/40

All: -0.008 $\pm$ 0.000 χ^2 /NDF: 314.2/82

- sign -0.008 $\pm$ 0.001 χ^2 /NDF: 245.5/41

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -29.748 ± 1.875 χ^2/NDF : 0.0/0

Left Out: -36.110 ± 0.192 χ^2/NDF : 1118.4/23

Right Out: -55.523 ± 7.220 χ^2/NDF : 0.0/0

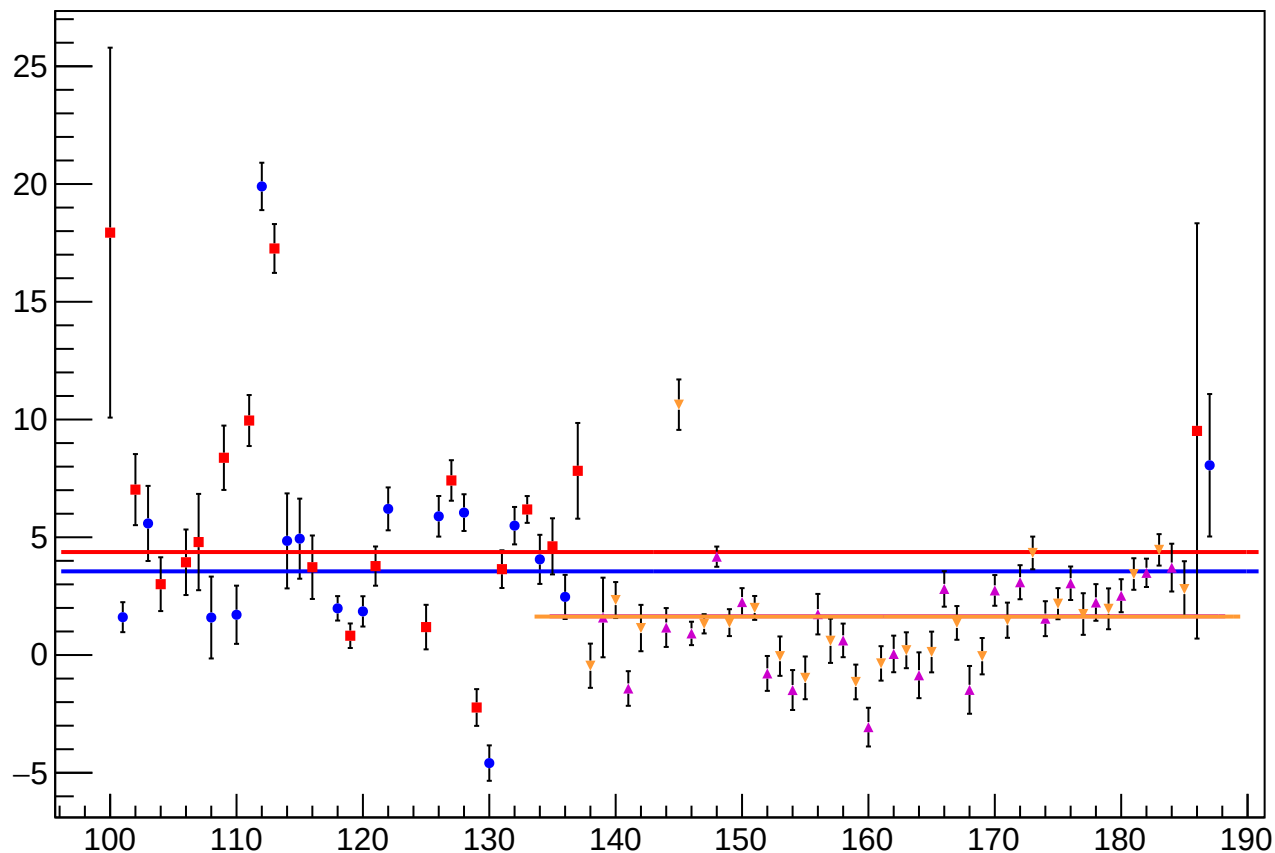
Left In: -35.869 ± 0.191 χ^2/NDF : 887.1/22

+ sign -36.044 ± 0.191 χ^2/NDF : 1129.8/24

All: -35.963 ± 0.135 χ^2/NDF : 2024.7/48

- sign -35.883 ± 0.191 χ^2/NDF : 894.5/23

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.553 ± 0.217 χ^2/NDF : 448.8/16

Left Out: 1.632 ± 0.148 χ^2/NDF : 166.7/23

Right Out: 4.373 ± 0.225 χ^2/NDF : 354.2/18

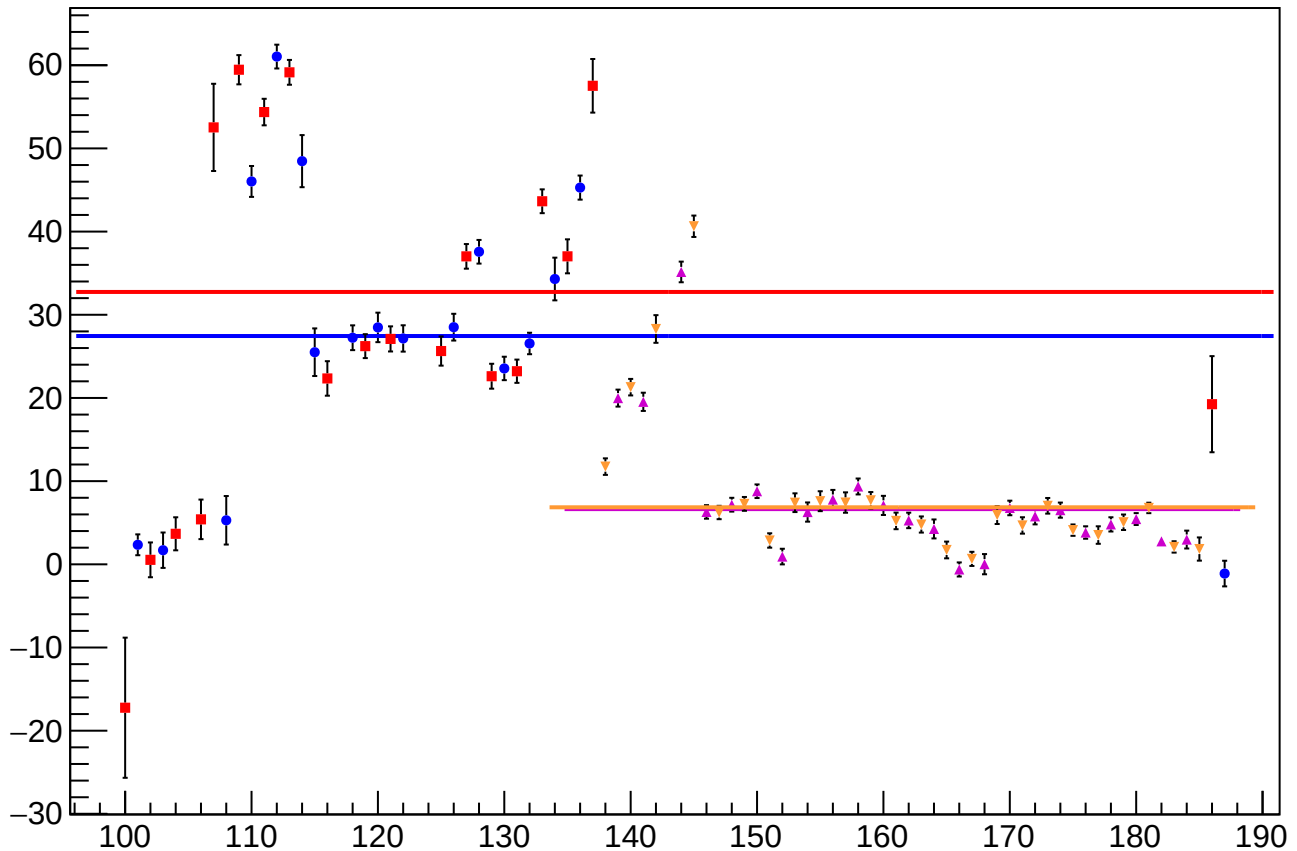
Left In: 1.646 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.241 ± 0.122 χ^2/NDF : 669.1/40

All: 2.357 ± 0.087 χ^2/NDF : 1291.0/82

- sign 2.477 ± 0.124 χ^2/NDF : 620.1/41

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 27.446 $\pm$ 0.402 χ^2/NDF : 1863.5/16

Left Out: 6.855 $\pm$ 0.191 χ^2/NDF : 1298.7/23

Right Out: 32.744 $\pm$ 0.422 χ^2/NDF : 1664.8/18

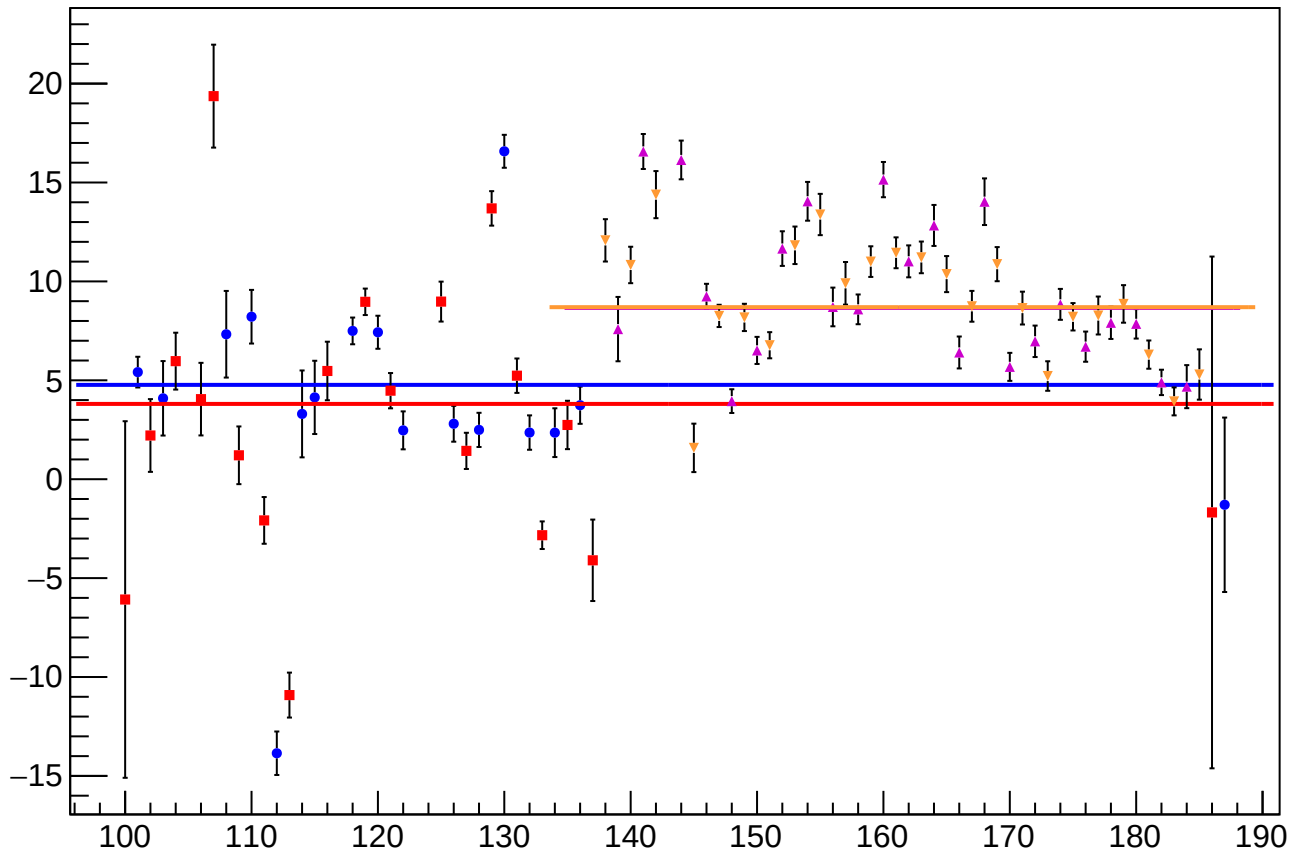
Left In: 6.639 $\pm$ 0.190 χ^2/NDF : 1077.2/22

+ sign 10.654 $\pm$ 0.173 χ^2/NDF : 5298.4/40

All: 10.844 $\pm$ 0.122 χ^2/NDF : 11229.3/82

- sign 11.035 $\pm$ 0.173 χ^2/NDF : 5928.5/41

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.769 ± 0.251 $\chi^2/\text{NDF}: 555.8/16$

Left Out: 8.697 ± 0.169 $\chi^2/\text{NDF}: 241.1/23$

Right Out: 3.807 ± 0.259 $\chi^2/\text{NDF}: 567.8/18$

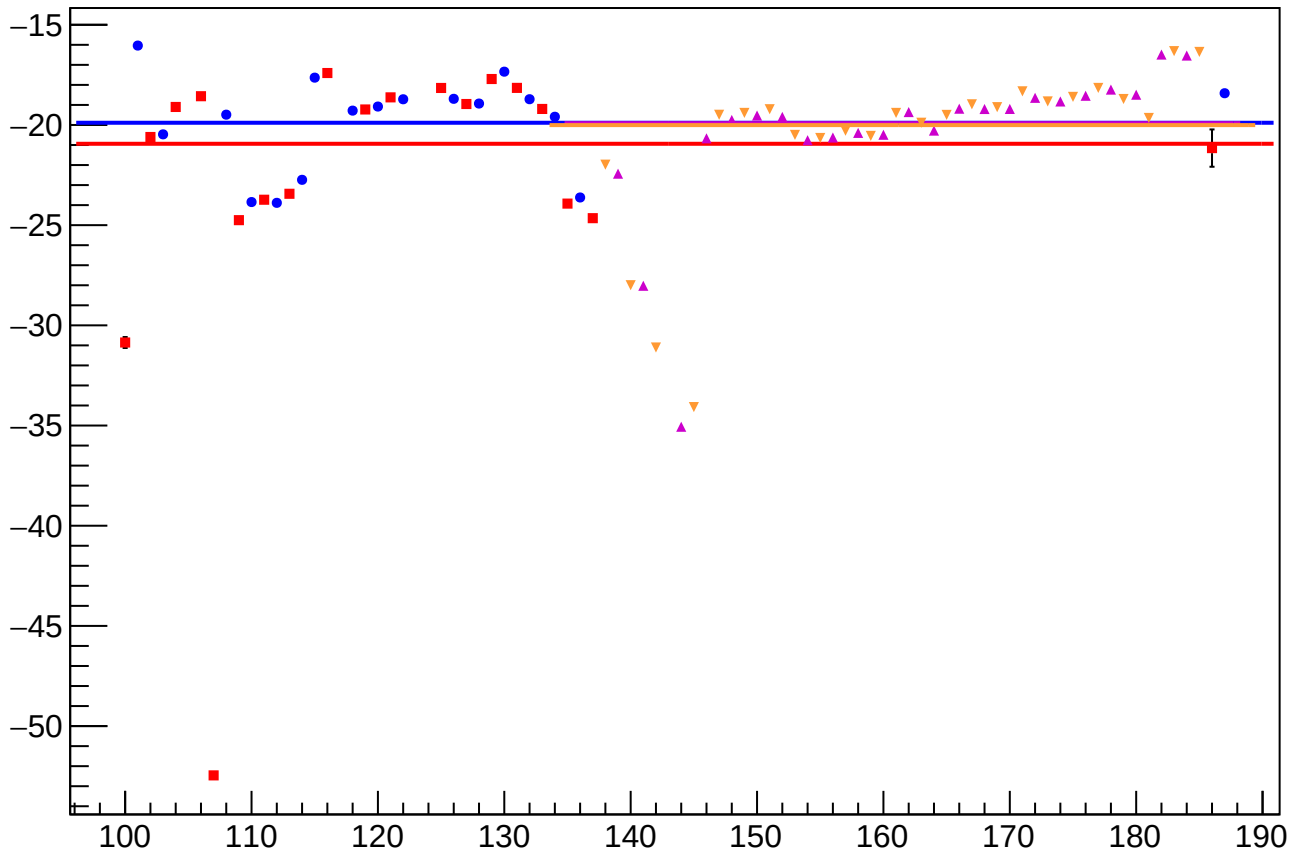
Left In: 8.659 ± 0.170 $\chi^2/\text{NDF}: 438.0/22$

+ sign 7.471 ± 0.140 $\chi^2/\text{NDF}: 965.6/40$

All: 7.337 ± 0.100 $\chi^2/\text{NDF}: 2219.1/82$

- sign 7.200 ± 0.142 $\chi^2/\text{NDF}: 1251.6/41$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.889 ± 0.016 $\chi^2/\text{NDF}: 26109.0/16$

Left Out: -20.007 ± 0.008 $\chi^2/\text{NDF}: 171647.2/23$

Right Out: -20.939 ± 0.016 $\chi^2/\text{NDF}: 94065.2/18$

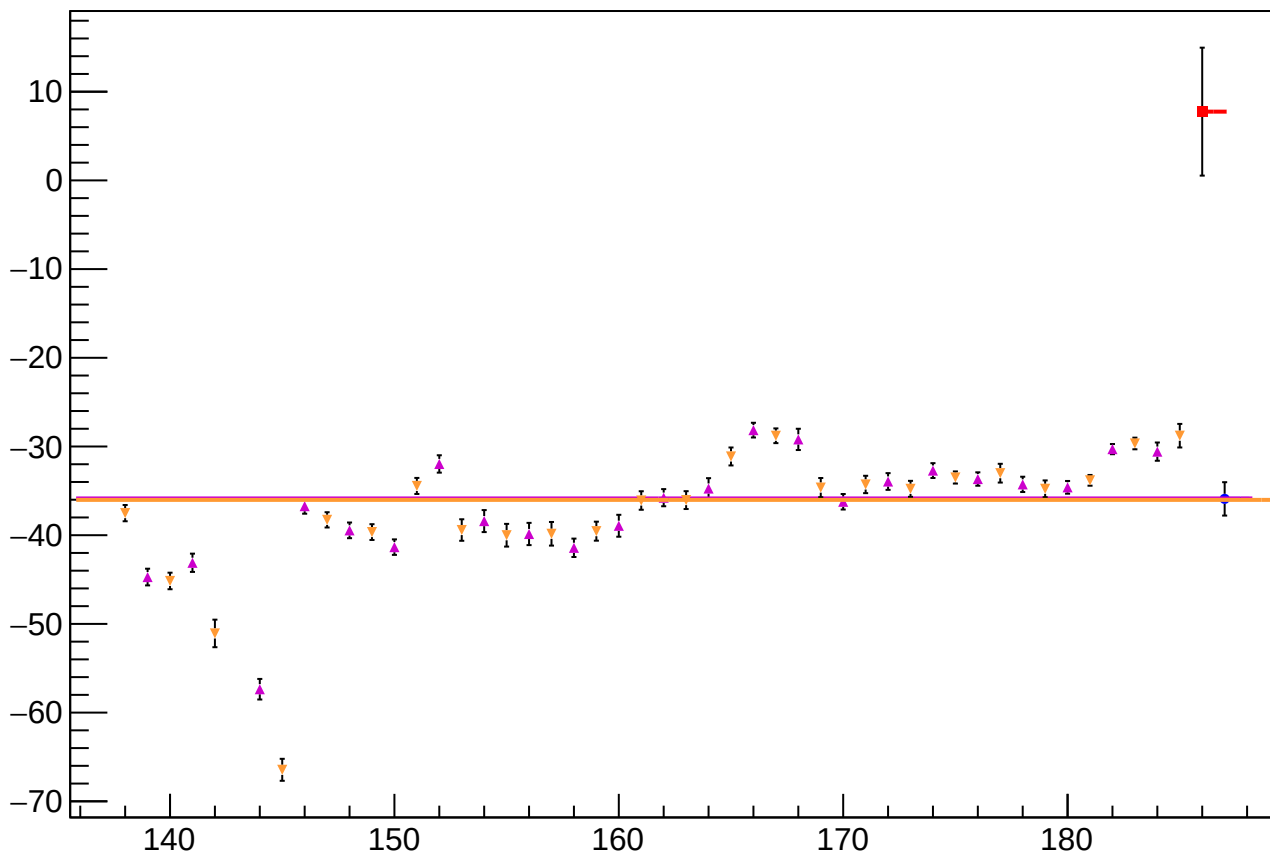
Left In: -19.912 ± 0.008 $\chi^2/\text{NDF}: 145487.3/22$

+ sign -19.983 ± 0.007 $\chi^2/\text{NDF}: 197801.6/40$

All: -20.050 ± 0.005 $\chi^2/\text{NDF}: 440956.8/82$

- sign -20.116 ± 0.007 $\chi^2/\text{NDF}: 242975.4/41$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -35.906 ± 1.881 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -36.019 ± 0.192 $\chi^2/\text{NDF}: 1125.4/23$

Right Out: 7.751 ± 7.212 $\chi^2/\text{NDF}: 0.0/0$

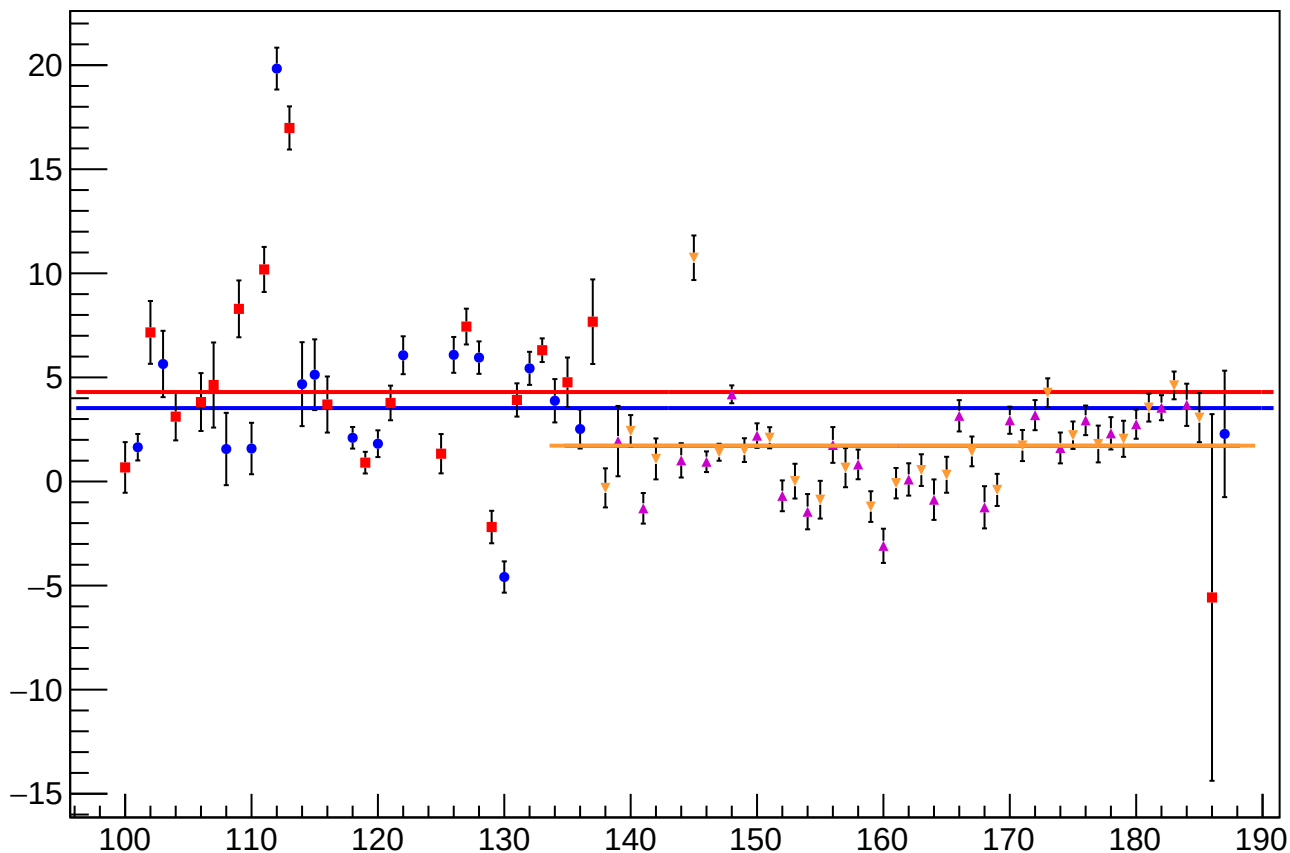
Left In: -35.856 ± 0.191 $\chi^2/\text{NDF}: 875.9/22$

+ sign -36.018 ± 0.191 $\chi^2/\text{NDF}: 1125.4/24$

All: -35.921 ± 0.135 $\chi^2/\text{NDF}: 2038.3/48$

- sign -35.825 ± 0.190 $\chi^2/\text{NDF}: 912.4/23$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.526 ± 0.217 $\chi^2/\text{NDF}: 443.4/16$

Left Out: 1.721 ± 0.148 $\chi^2/\text{NDF}: 168.3/23$

Right Out: 4.297 ± 0.221 $\chi^2/\text{NDF}: 354.0/18$

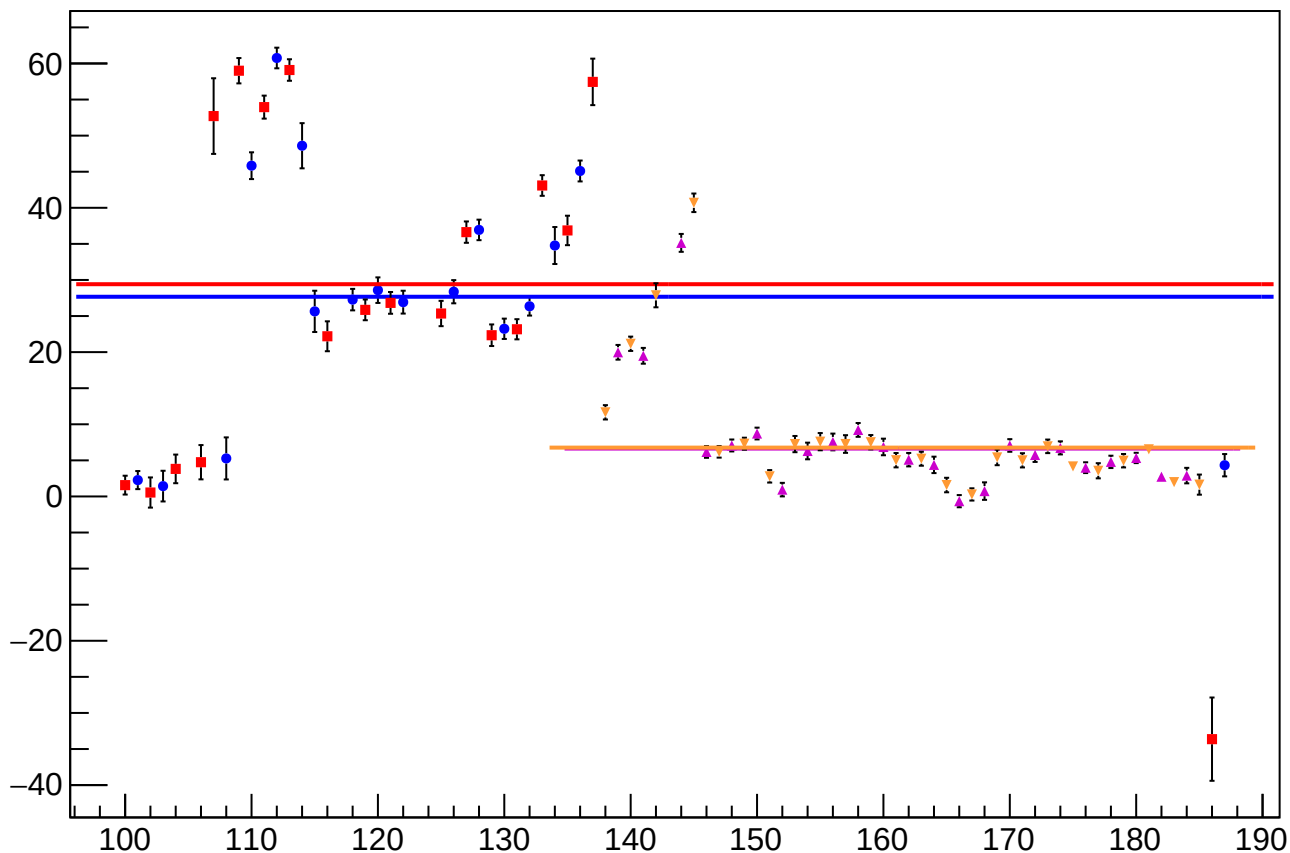
Left In: 1.712 ± 0.149 $\chi^2/\text{NDF}: 164.1/22$

+ sign 2.293 ± 0.122 $\chi^2/\text{NDF}: 659.1/40$

All: 2.404 ± 0.087 $\chi^2/\text{NDF}: 1272.6/82$

- sign 2.518 ± 0.124 $\chi^2/\text{NDF}: 611.9/41$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 27.673 ± 0.402 χ^2/NDF : 1733.2/16

Left Out: 6.767 ± 0.191 χ^2/NDF : 1301.2/23

Right Out: 29.412 ± 0.401 χ^2/NDF : 2249.5/18

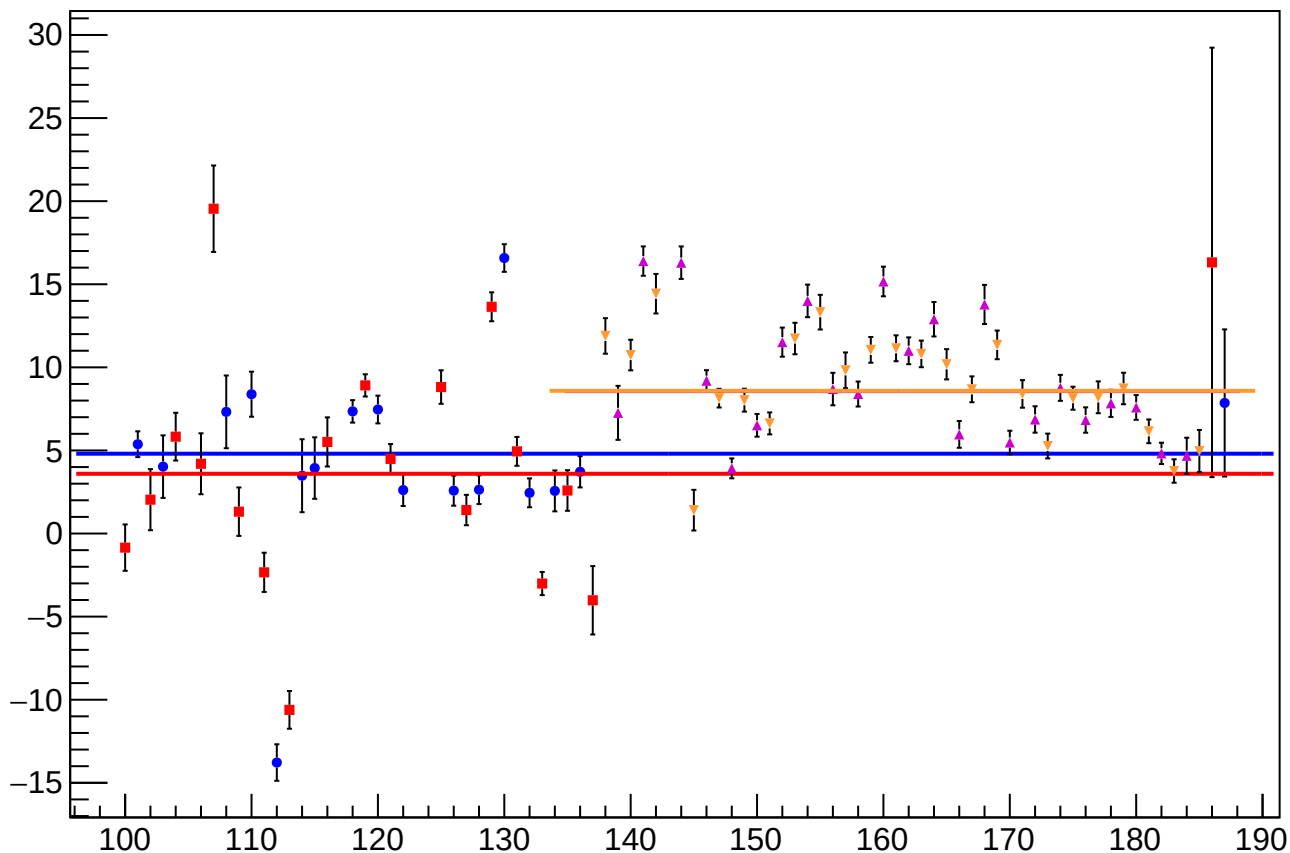
Left In: 6.635 ± 0.190 χ^2/NDF : 1070.4/22

+ sign 10.623 ± 0.173 χ^2/NDF : 5238.5/40

All: 10.707 ± 0.122 χ^2/NDF : 11190.3/82

- sign 10.790 ± 0.171 χ^2/NDF : 5951.4/41

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.804 ± 0.251 χ^2/NDF : 550.4/16

Left Out: 8.588 ± 0.169 χ^2/NDF : 245.6/23

Right Out: 3.596 ± 0.254 χ^2/NDF : 574.3/18

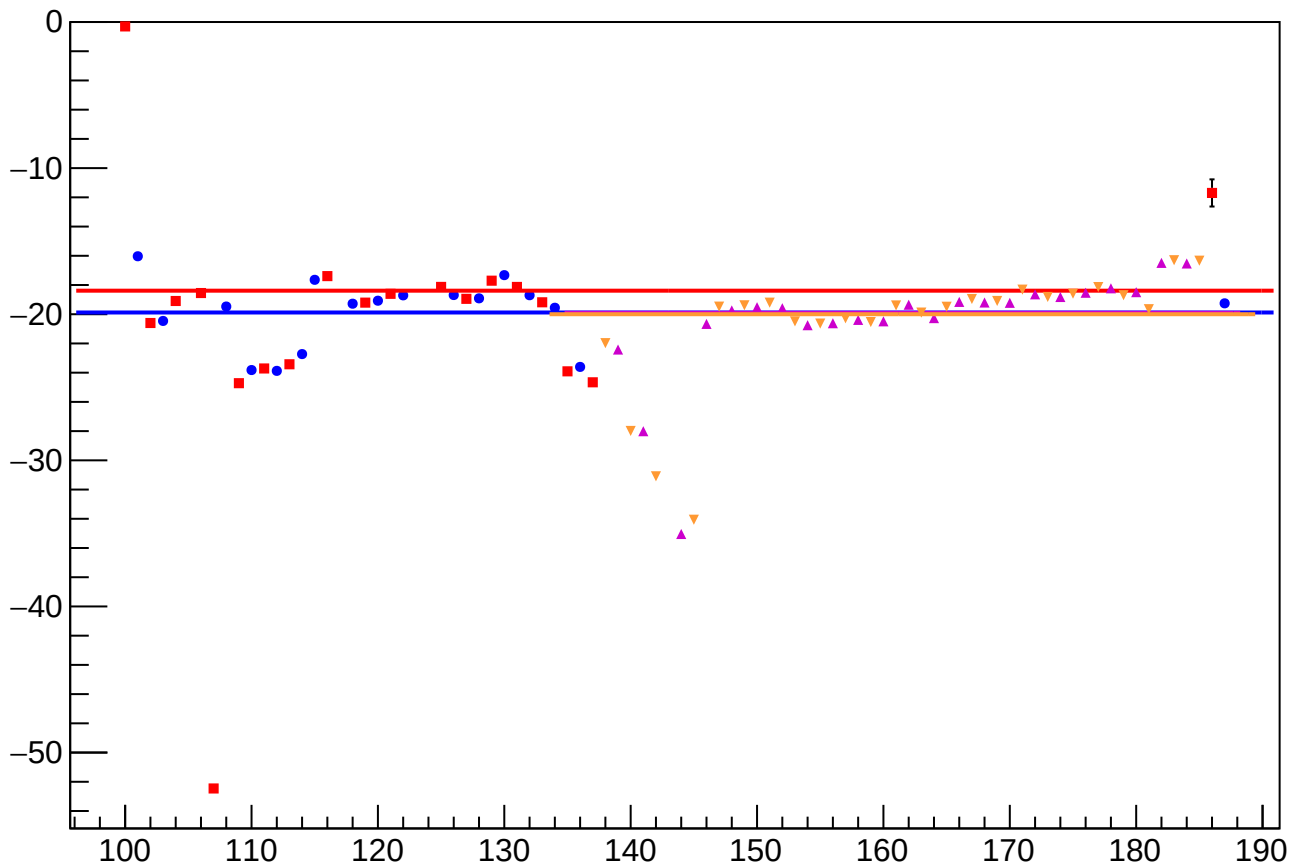
Left In: 8.573 ± 0.170 χ^2/NDF : 443.4/22

+ sign 7.407 ± 0.140 χ^2/NDF : 952.9/40

All: 7.226 ± 0.099 χ^2/NDF : 2238.9/82

- sign 7.042 ± 0.141 χ^2/NDF : 1282.6/41

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.881 ± 0.016 $\chi^2/\text{NDF}: 26069.8/16$

Left Out: -19.999 ± 0.008 $\chi^2/\text{NDF}: 171834.0/23$

Right Out: -18.388 ± 0.015 $\chi^2/\text{NDF}: 301299.5/18$

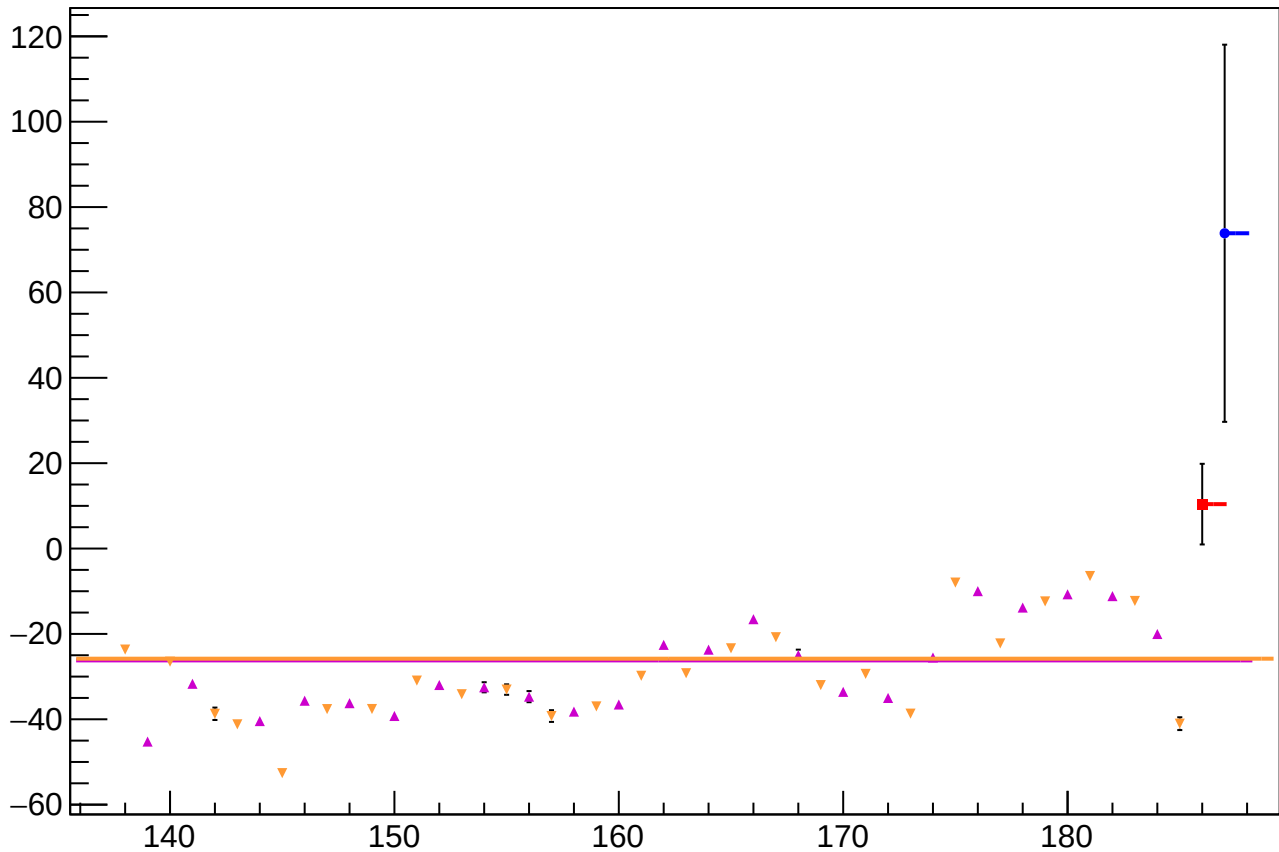
Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

+ sign -19.975 ± 0.007 $\chi^2/\text{NDF}: 197950.0/40$

All: -19.770 ± 0.005 $\chi^2/\text{NDF}: 654535.8/82$

- sign -19.572 ± 0.007 $\chi^2/\text{NDF}: 454915.1/41$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: 73.867 $\pm$ 44.183 χ^2 /NDF: 0.0/0

Left Out: -25.804 $\pm$ 0.192 χ^2 /NDF: 4127.8/24

Right Out: 10.404 $\pm$ 9.447 χ^2 /NDF: 0.0/0

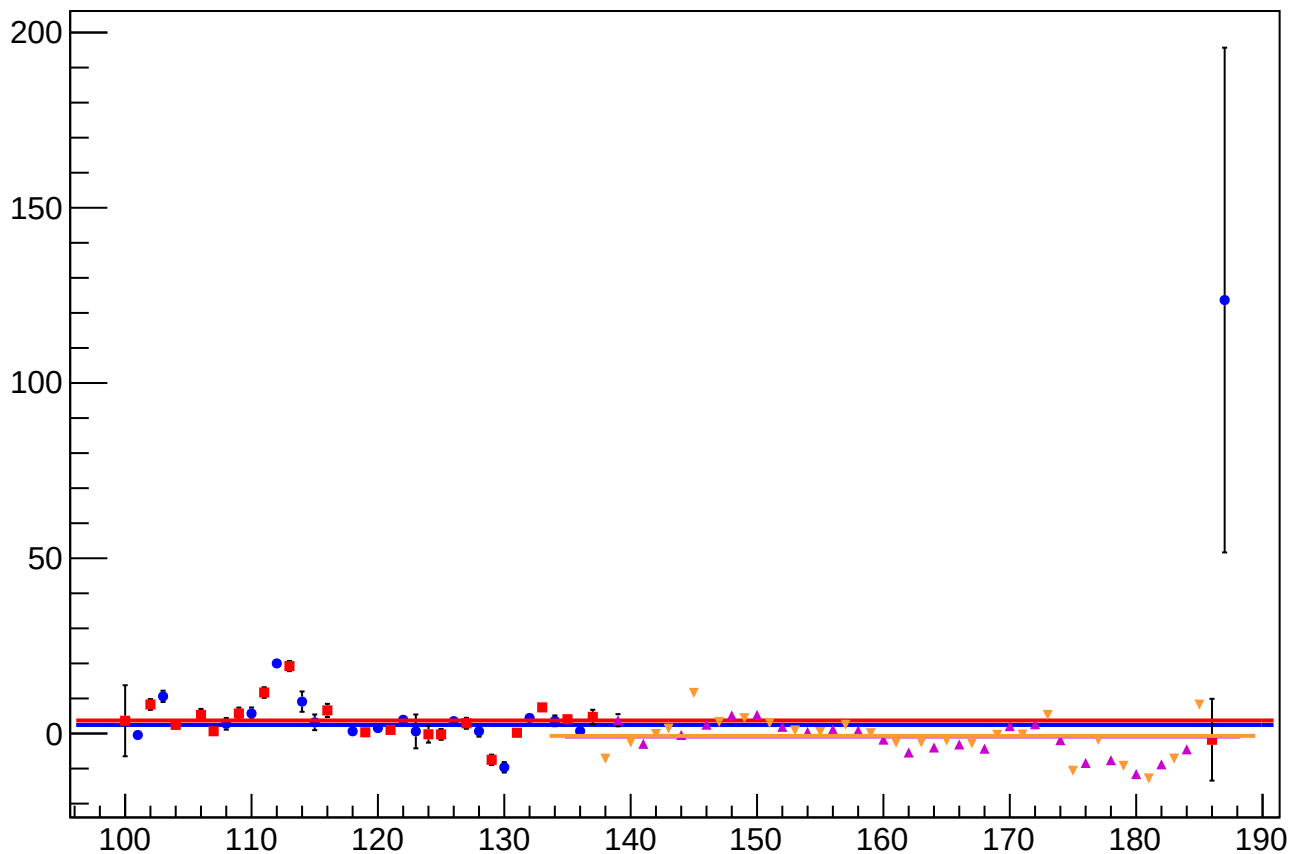
Left In: -26.204 $\pm$ 0.194 χ^2 /NDF: 3377.8/22

+ sign -25.802 $\pm$ 0.192 χ^2 /NDF: 4132.9/25

All: -25.993 $\pm$ 0.137 χ^2 /NDF: 7527.7/49

- sign -26.188 $\pm$ 0.194 χ^2 /NDF: 3392.8/23

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.446 ± 0.311 χ^2/NDF : 298.1/17

Left Out: -0.681 ± 0.147 χ^2/NDF : 1314.3/24

Right Out: 3.721 ± 0.327 χ^2/NDF : 269.3/19

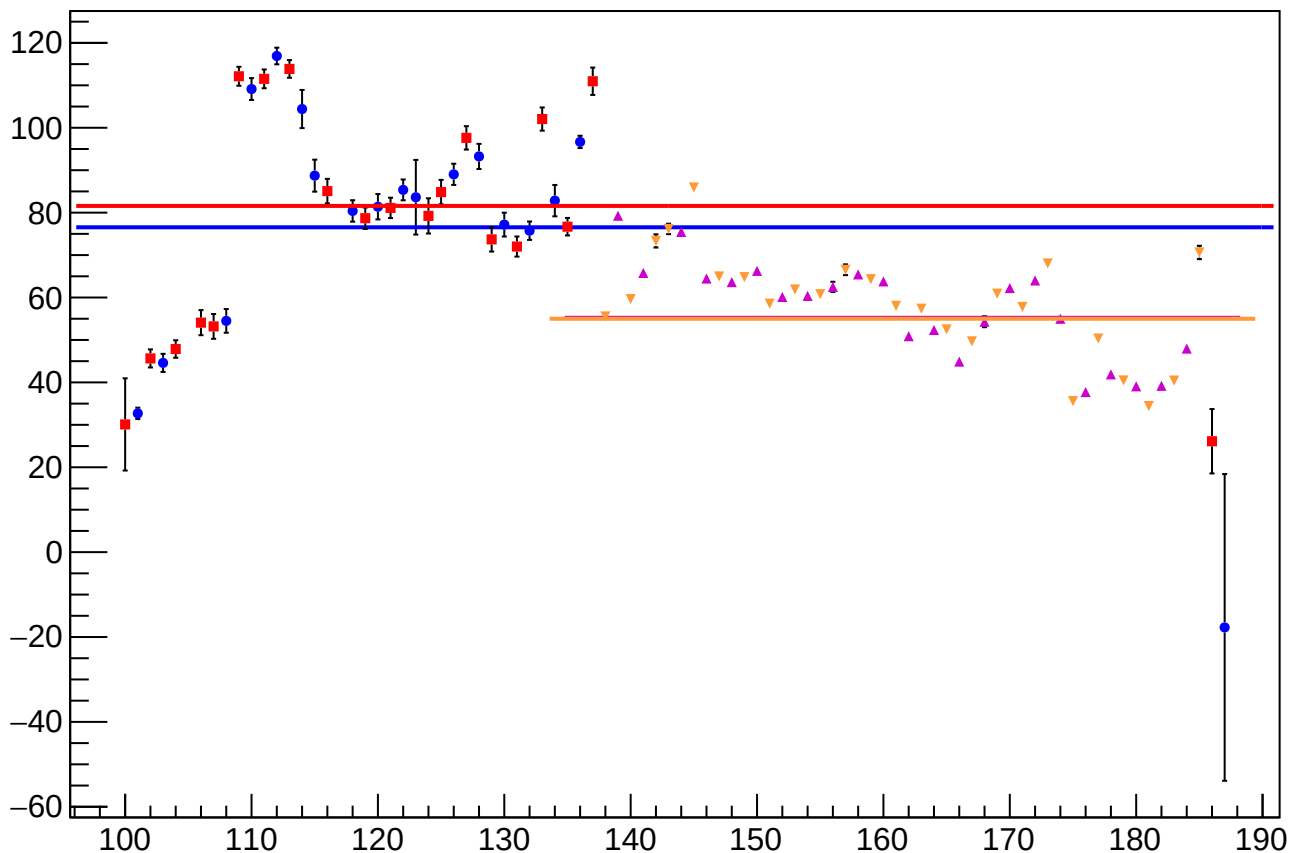
Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

+ sign -0.112 ± 0.133 χ^2/NDF : 1695.1/42

All: -0.081 ± 0.095 χ^2/NDF : 3197.3/85

- sign -0.047 ± 0.136 χ^2/NDF : 1502.1/42

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.549 $\pm$ 0.573 χ^2 /NDF: 2260.4/17

Left Out: 55.000 $\pm$ 0.192 χ^2 /NDF: 4524.8/24

Right Out: 81.585 $\pm$ 0.590 χ^2 /NDF: 1624.4/19

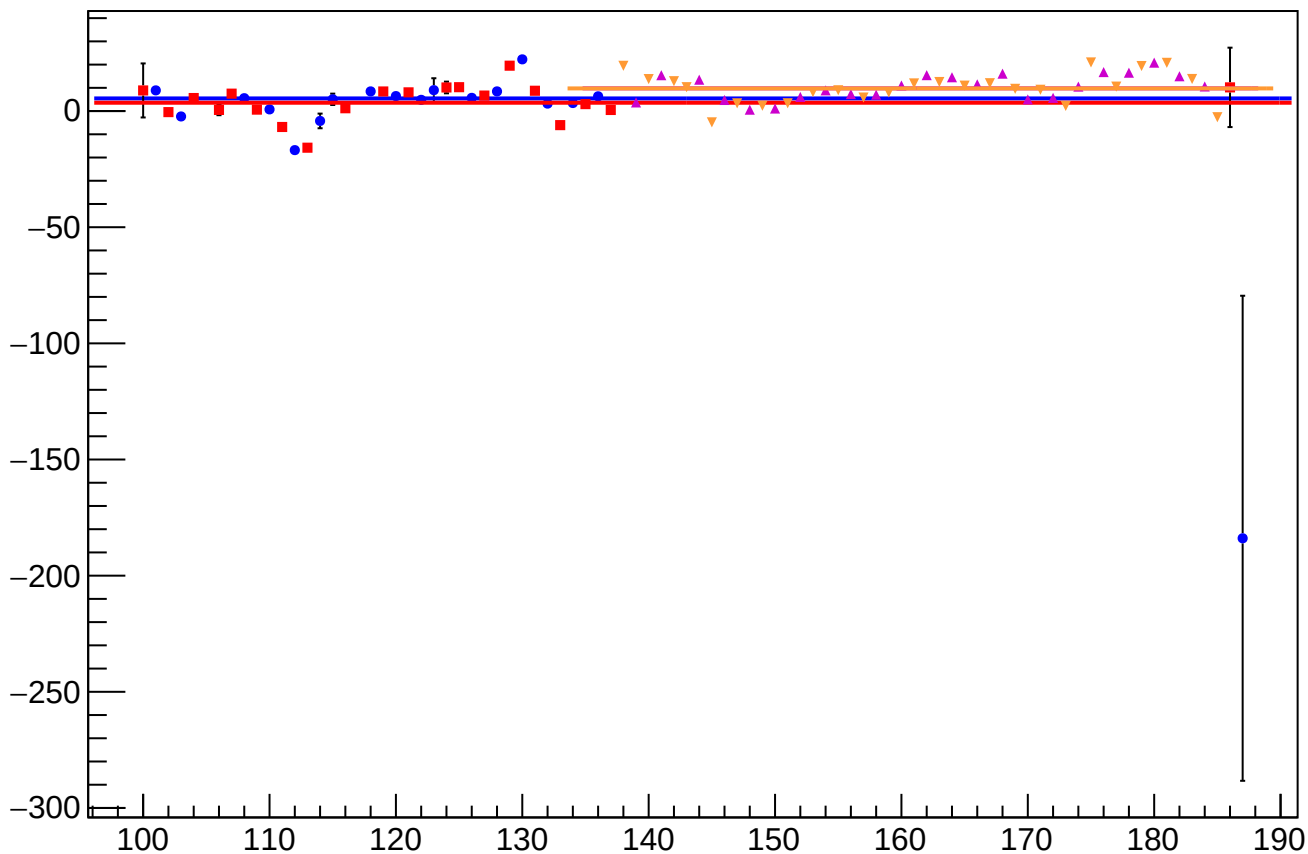
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ sign 57.170 $\pm$ 0.182 χ^2 /NDF: 8056.0/42

All: 57.467 $\pm$ 0.129 χ^2 /NDF: 15313.7/85

- sign 57.767 $\pm$ 0.183 χ^2 /NDF: 7252.3/42

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.440 ± 0.357 χ^2/NDF : 390.7/17

Left Out: 9.750 ± 0.168 χ^2/NDF : 1449.2/24

Right Out: 3.588 ± 0.375 χ^2/NDF : 423.4/19

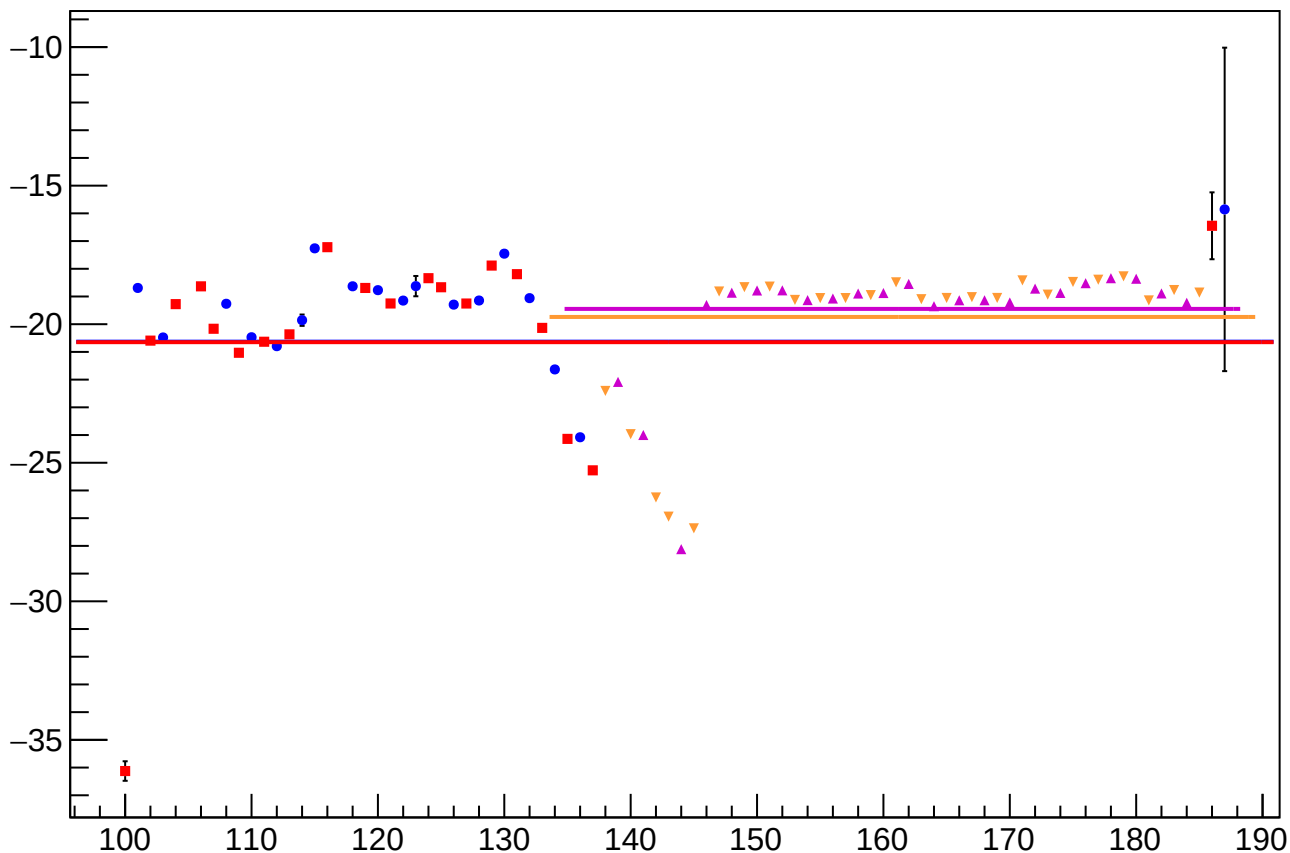
Left In: 9.775 ± 0.171 χ^2/NDF : 1165.6/22

+ sign 8.968 ± 0.152 χ^2/NDF : 1959.1/42

All: 8.841 ± 0.109 χ^2/NDF : 3774.5/85

- sign 8.708 ± 0.156 χ^2/NDF : 1814.0/42

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 χ^2/NDF : 12491.2/17

Left Out: -19.738 ± 0.008 χ^2/NDF : 88495.2/24

Right Out: -20.649 ± 0.019 χ^2/NDF : 13897.8/19

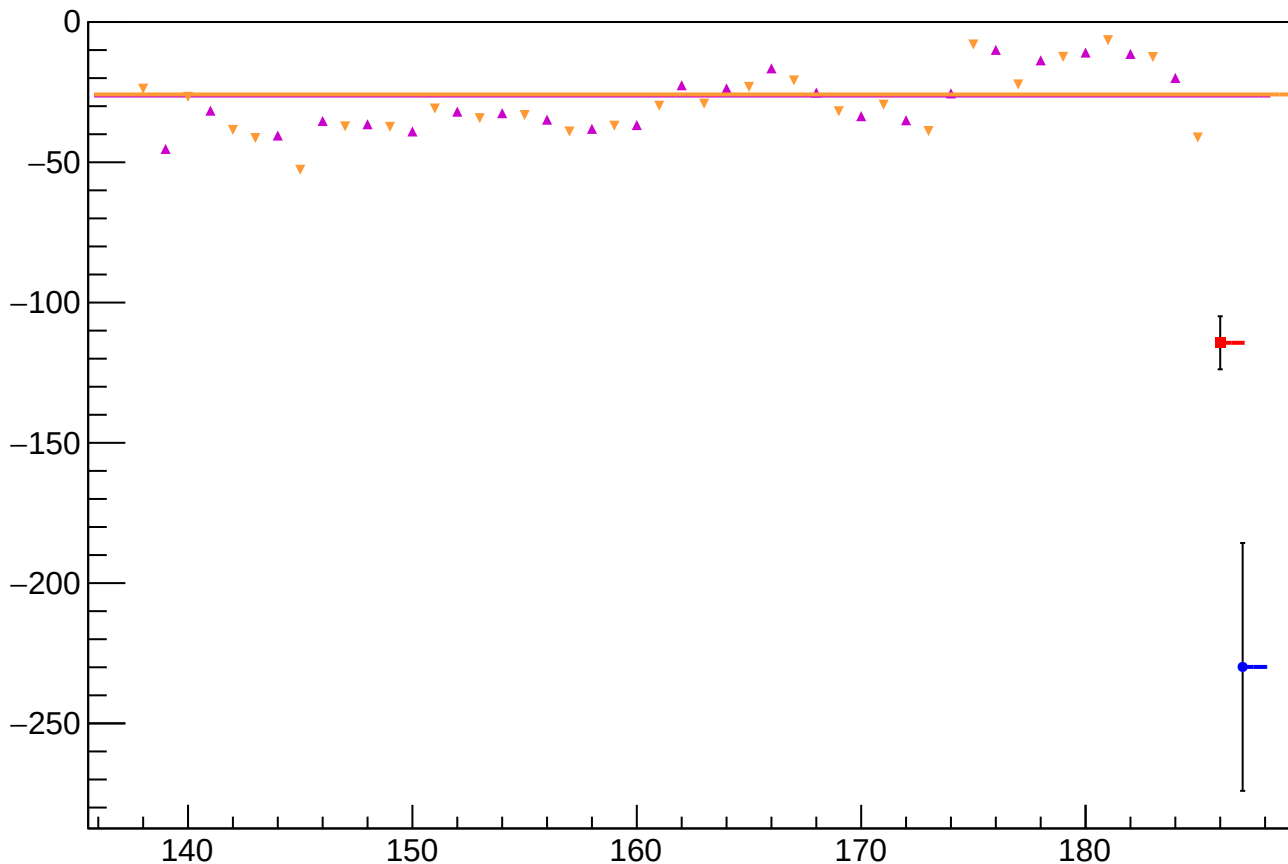
Left In: -19.448 ± 0.008 χ^2/NDF : 54039.2/22

+ sign -19.867 ± 0.007 χ^2/NDF : 102819.7/42

All: -19.743 ± 0.005 χ^2/NDF : 174604.2/85

- sign -19.619 ± 0.007 χ^2/NDF : 71212.4/42

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -229.874 ± 44.169 χ^2/NDF : 0.0/0

Left Out: -25.814 ± 0.192 χ^2/NDF : 4094.6/24

Right Out: -114.340 ± 9.454 χ^2/NDF : 0.0/0

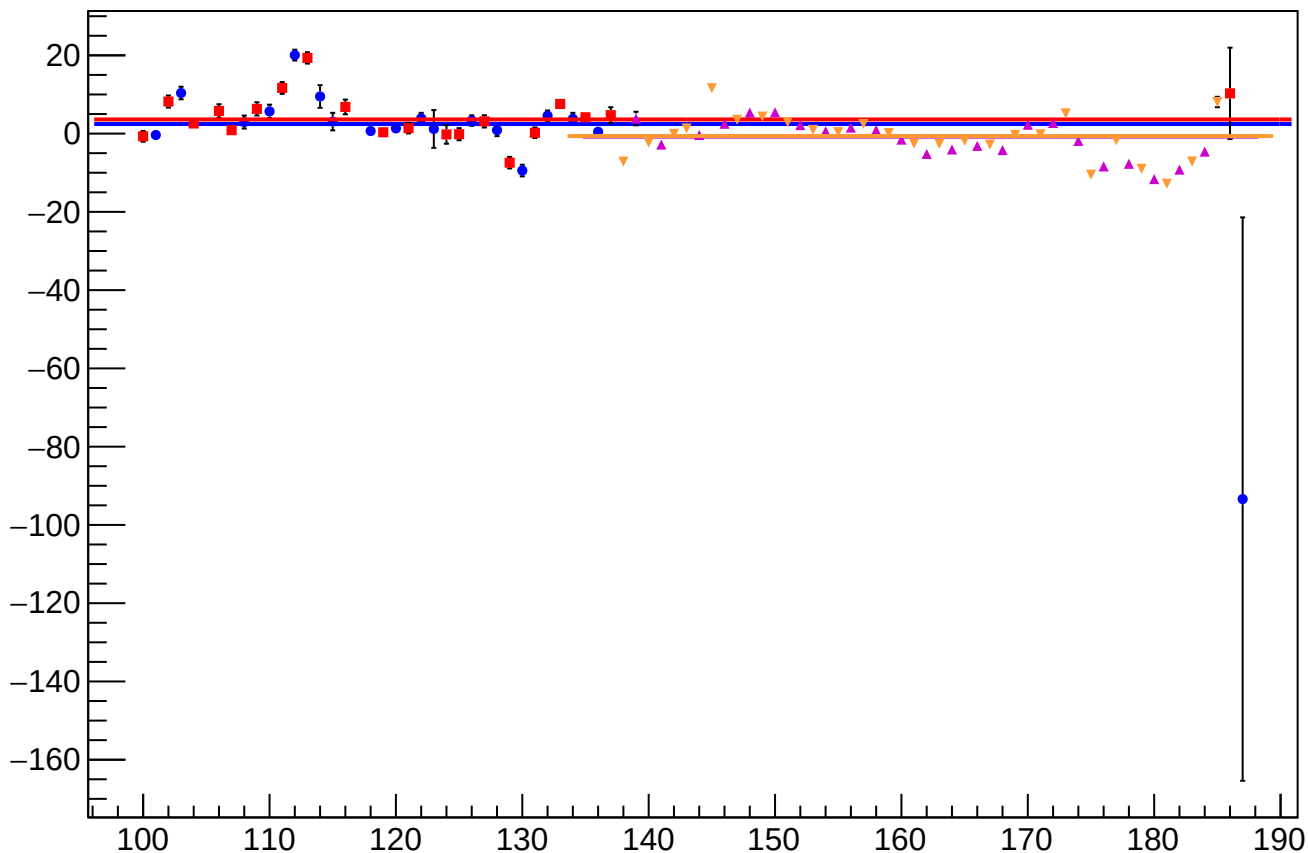
Left In: -26.200 ± 0.194 χ^2/NDF : 3344.6/22

+ sign -25.818 ± 0.192 χ^2/NDF : 4115.9/25

All: -26.026 ± 0.137 χ^2/NDF : 7549.8/49

- sign -26.237 ± 0.194 χ^2/NDF : 3431.5/23

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.446 ± 0.311 χ^2/NDF : 295.2/17

Left Out: -0.625 ± 0.147 χ^2/NDF : 1303.5/24

Right Out: 3.616 ± 0.318 χ^2/NDF : 279.7/19

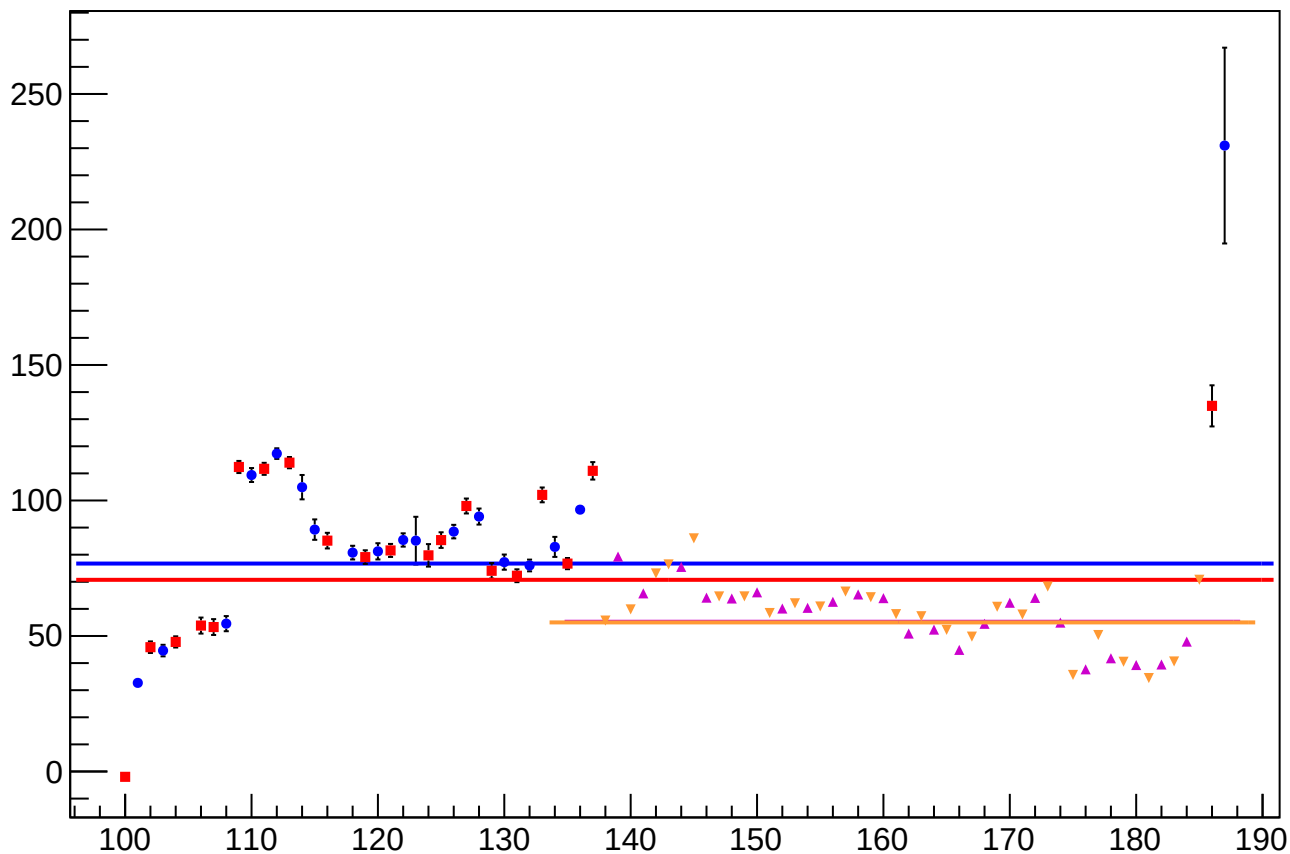
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.067 ± 0.133 χ^2/NDF : 1678.3/42

All: -0.021 ± 0.095 χ^2/NDF : 3225.4/85

- sign 0.027 ± 0.136 χ^2/NDF : 1546.8/42

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.726 $\pm$ 0.574 χ^2 /NDF: 2283.3/17

Left Out: 55.008 $\pm$ 0.192 χ^2 /NDF: 4502.1/24

Right Out: 70.723 $\pm$ 0.548 χ^2 /NDF: 4463.1/19

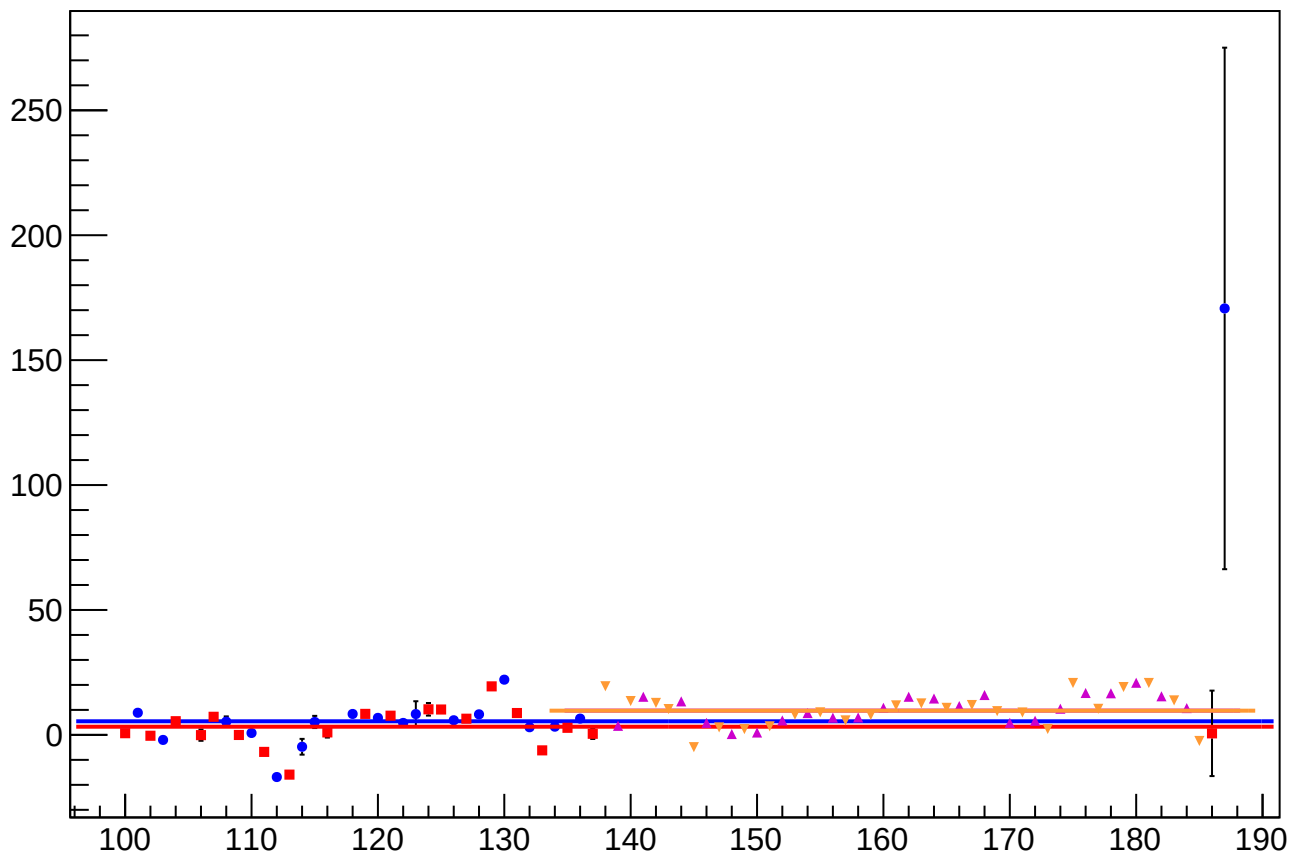
Left In: 55.252 $\pm$ 0.193 χ^2 /NDF: 3786.2/22

+ sign 57.196 $\pm$ 0.182 χ^2 /NDF: 8074.8/42

All: 57.076 $\pm$ 0.129 χ^2 /NDF: 17033.3/85

- sign 56.956 $\pm$ 0.182 χ^2 /NDF: 8957.7/42

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.441 ± 0.357 χ^2/NDF : 388.4/17

Left Out: 9.691 ± 0.168 χ^2/NDF : 1440.3/24

Right Out: 3.274 ± 0.365 χ^2/NDF : 425.8/19

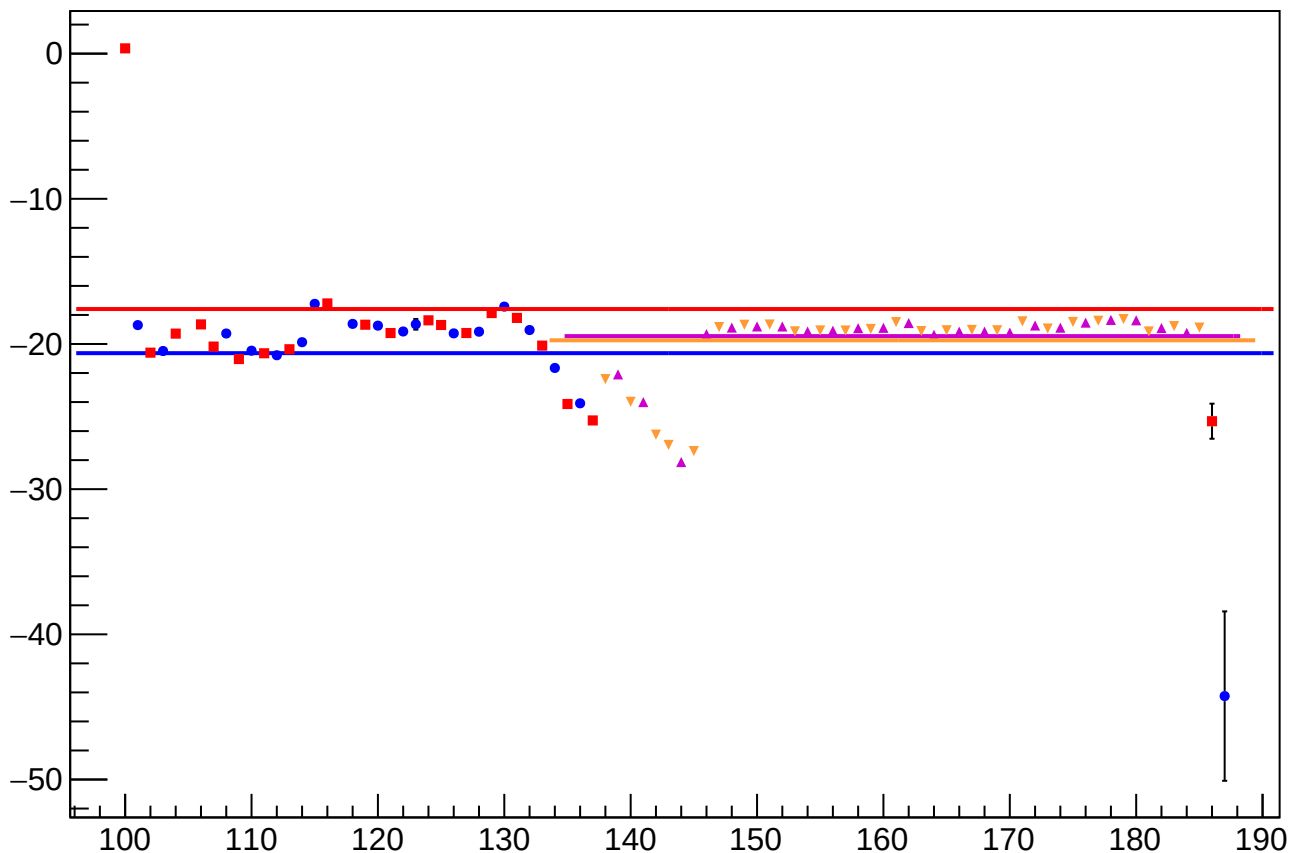
Left In: 9.708 ± 0.171 χ^2/NDF : 1198.0/22

+ sign 8.920 ± 0.152 χ^2/NDF : 1944.4/42

All: 8.737 ± 0.109 χ^2/NDF : 3825.5/85

- sign 8.548 ± 0.155 χ^2/NDF : 1878.2/42

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12547.2/17$

Left Out: -19.746 ± 0.008 $\chi^2/\text{NDF}: 88374.4/24$

Right Out: -17.592 ± 0.018 $\chi^2/\text{NDF}: 178721.6/19$

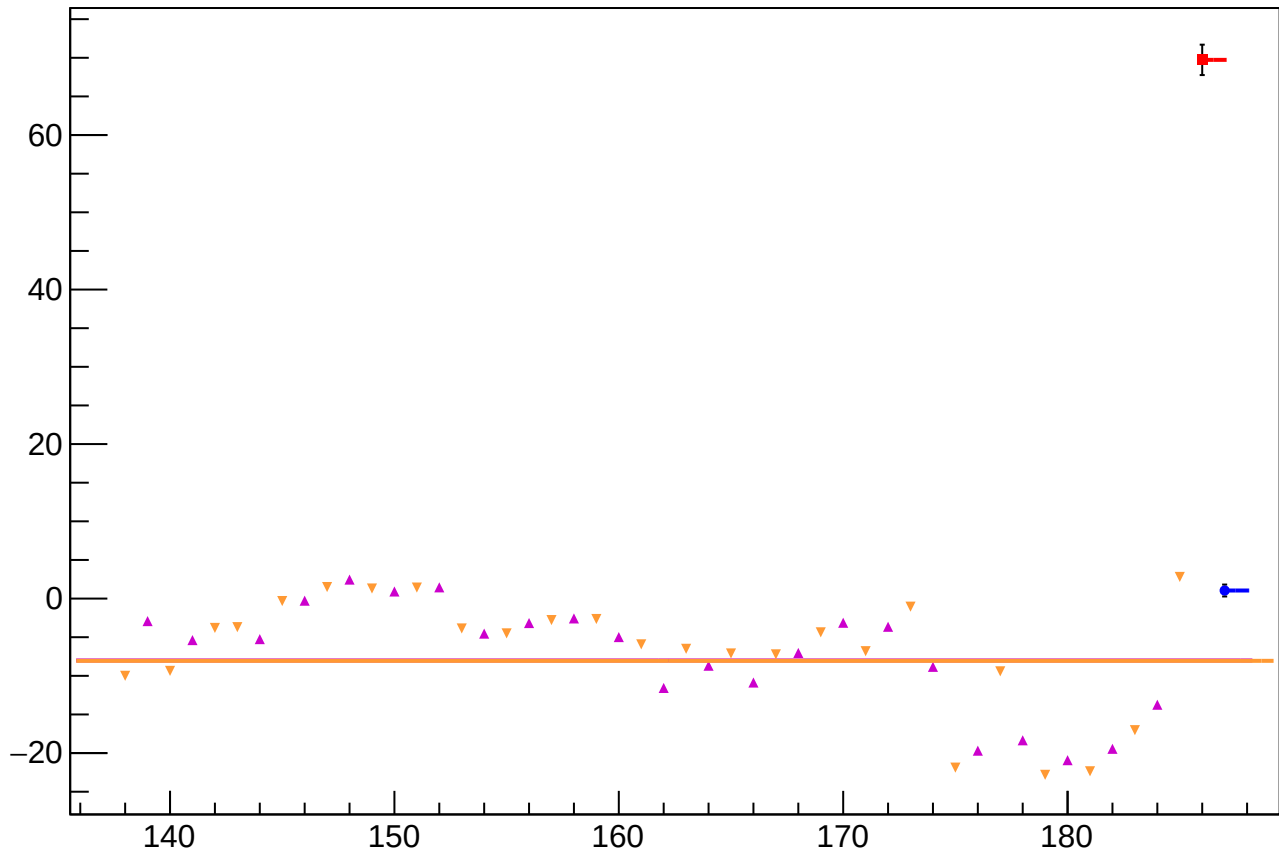
Left In: -19.457 ± 0.008 $\chi^2/\text{NDF}: 53995.4/22$

+ sign -19.874 ± 0.007 $\chi^2/\text{NDF}: 102726.6/42$

All: -19.511 ± 0.005 $\chi^2/\text{NDF}: 349291.9/85$

- sign -19.155 ± 0.007 $\chi^2/\text{NDF}: 241697.5/42$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 1.044+/-0.771 χ^2/NDF : 0.0/0

Left Out: -8.058+/-0.070 χ^2/NDF :12532.2/24

Right Out: 69.732+/-1.967 χ^2/NDF : 0.0/0

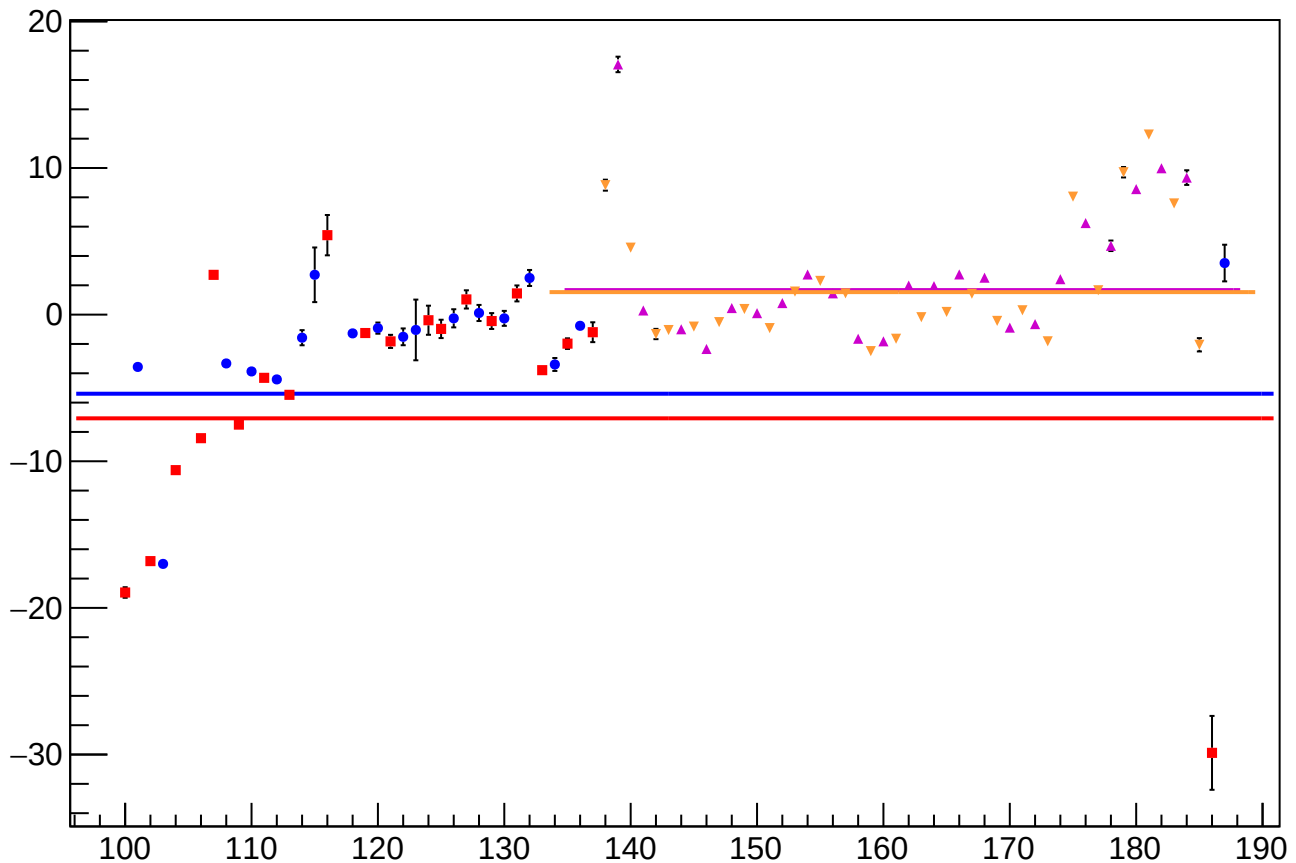
Left In: -8.010+/-0.071 χ^2/NDF :10631.2/22

+ sign -7.983+/-0.070 χ^2/NDF : 12670.4/25

All: -7.946+/-0.050 χ^2/NDF : 24862.3/49

- sign -7.908+/-0.071 χ^2/NDF : 12191.3/23

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.394 ± 0.055 χ^2/NDF : 9312.1/17

Left Out: 1.535 ± 0.055 χ^2/NDF : 4816.7/24

Right Out: -7.073 ± 0.059 χ^2/NDF : 12411.5/19

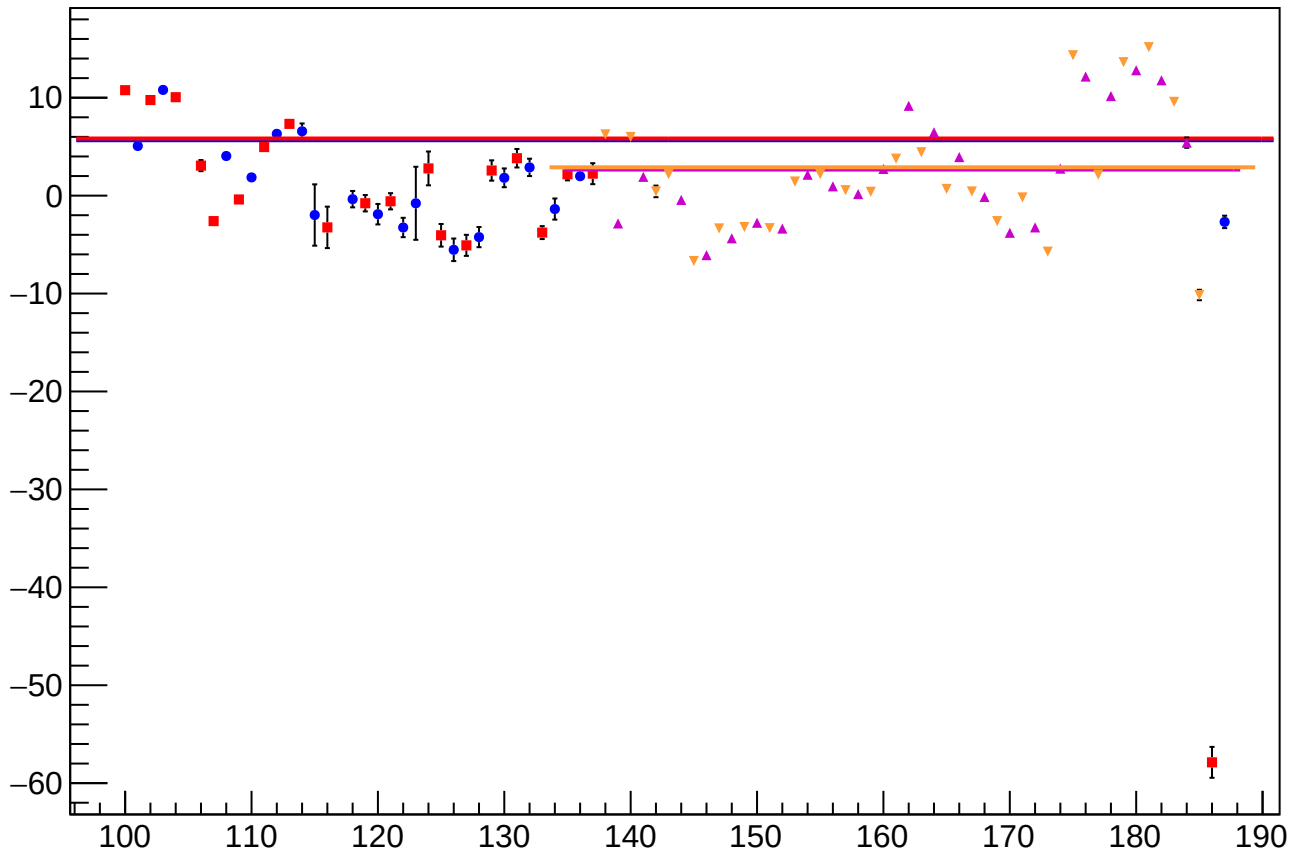
Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

+ sign -1.918 ± 0.039 χ^2/NDF : 22183.9/42

All: -2.194 ± 0.028 χ^2/NDF : 50284.5/85

- sign -2.502 ± 0.041 χ^2/NDF : 27992.5/42

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.657 ± 0.089 χ^2/NDF : 1628.9/17

Left Out: 2.891 ± 0.070 χ^2/NDF : 8889.4/24

Right Out: 5.833 ± 0.093 χ^2/NDF : 4303.4/19

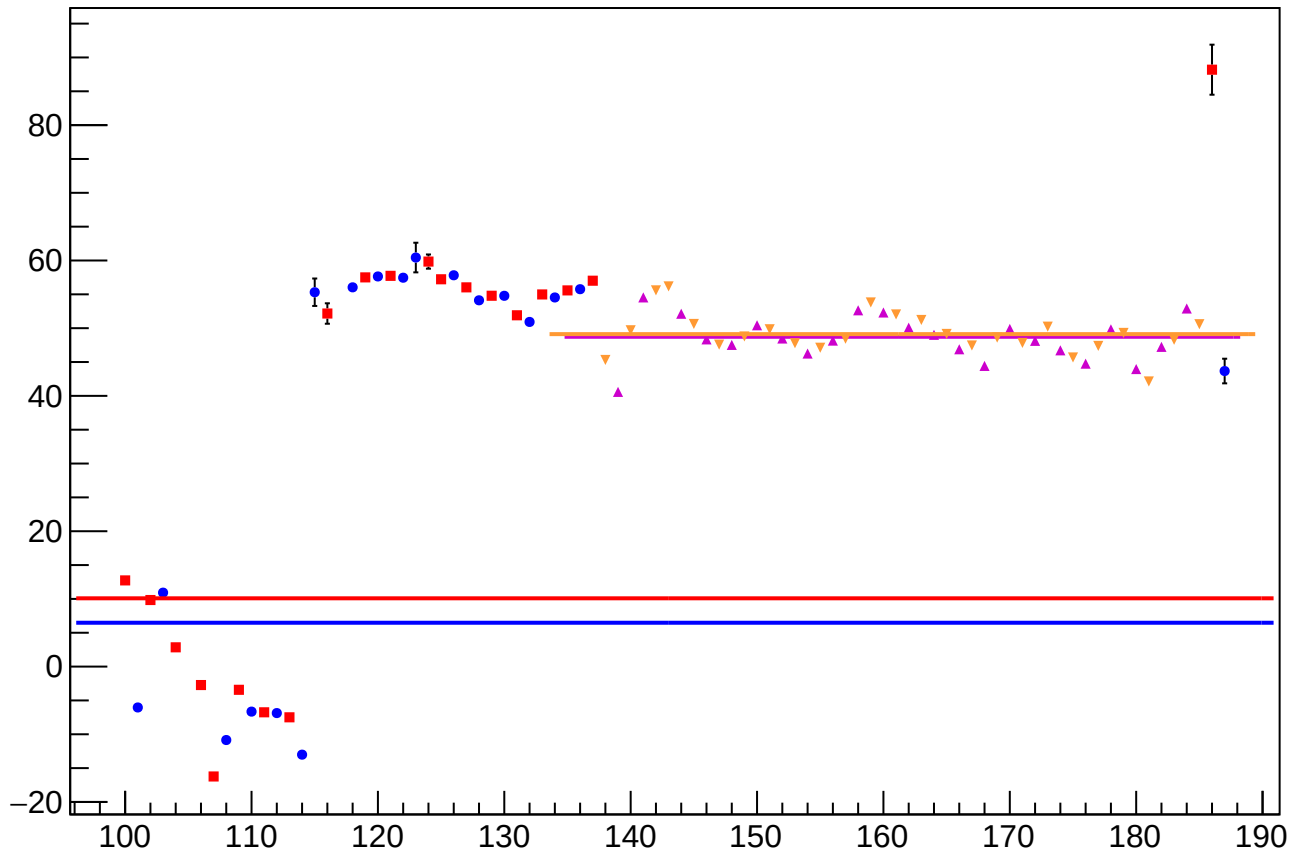
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 3.960 ± 0.055 χ^2/NDF : 11115.1/42

All: 3.896 ± 0.039 χ^2/NDF : 23462.4/85

- sign 3.829 ± 0.056 χ^2/NDF : 12344.5/42

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.479+/-0.065 χ^2/NDF : 123904.5/17

Left Out: 49.121+/-0.062 χ^2/NDF : 2165.4/24

Right Out: 10.088+/-0.070 χ^2/NDF : 122262.4/19

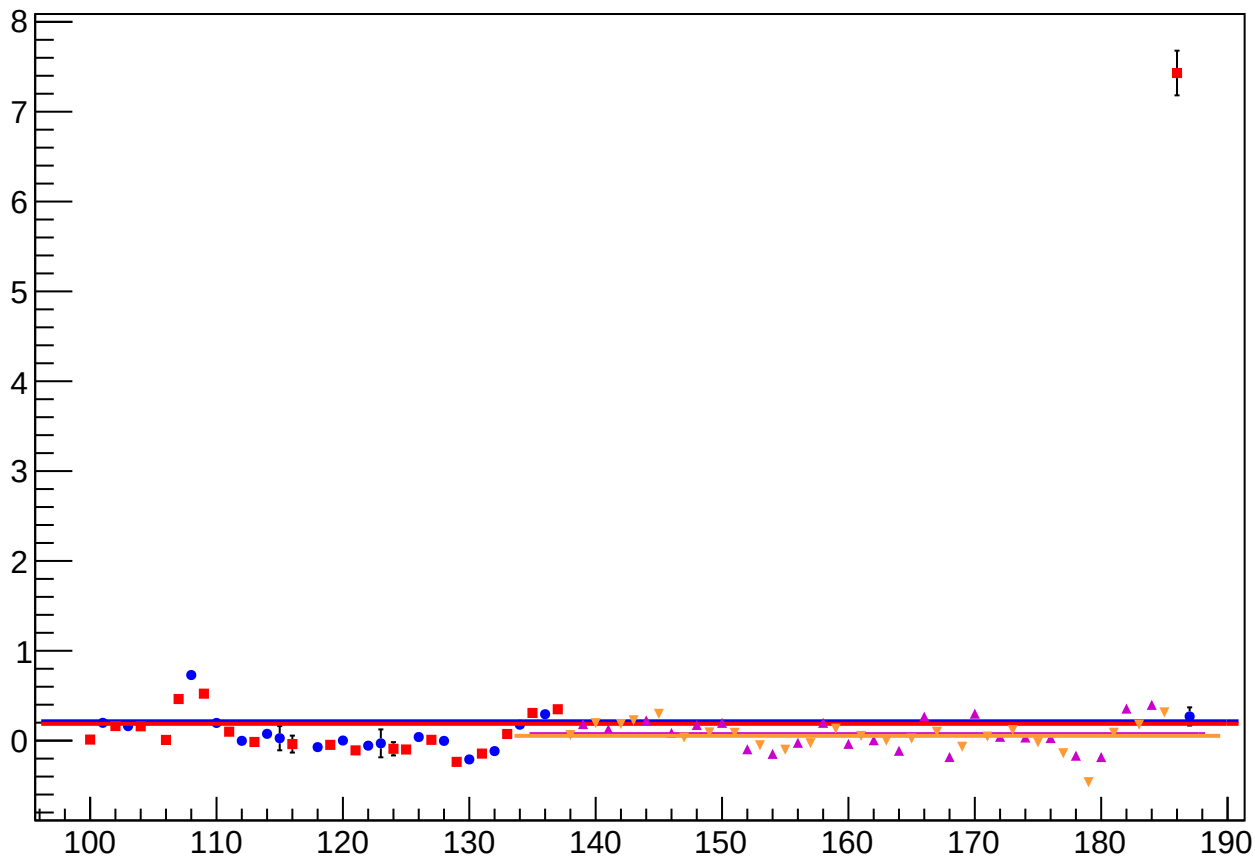
Left In: 48.731+/-0.064 χ^2/NDF : 2117.7/22

+ sign 28.736+/-0.045 χ^2/NDF : 353075.7/42

All: 29.904+/-0.032 χ^2/NDF : 646647.9/85

- sign 31.195+/-0.047 χ^2/NDF : 292133.9/42

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.4/17

Left Out: 0.053 $\pm$ 0.003 χ^2 /NDF:2369.3/24

Right Out: 0.187 $\pm$ 0.003 χ^2 /NDF: 3569.2/19

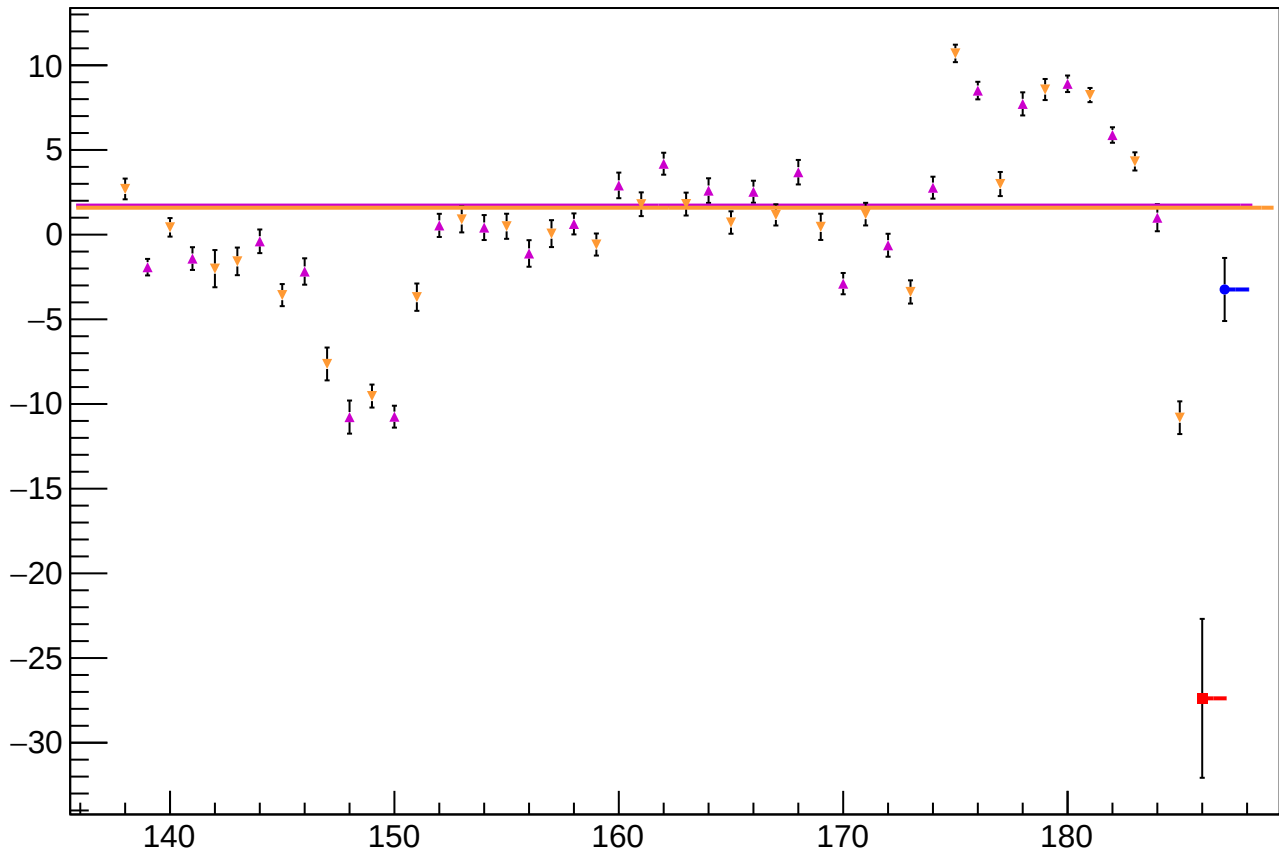
Left In: 0.072 $\pm$ 0.003 χ^2 /NDF:3272.0/22

+ sign 0.136 $\pm$ 0.002 χ^2 /NDF: 7967.5/42

All: 0.134 $\pm$ 0.001 χ^2 /NDF: 15672.5/85

- sign 0.133 $\pm$ 0.002 χ^2 /NDF: 7703.5/42

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -3.238 ± 1.863 χ^2/NDF : 0.0/0

Left Out: 1.590 ± 0.133 χ^2/NDF : 1457.4/24

Right Out: -27.380 ± 4.692 χ^2/NDF : 0.0/0

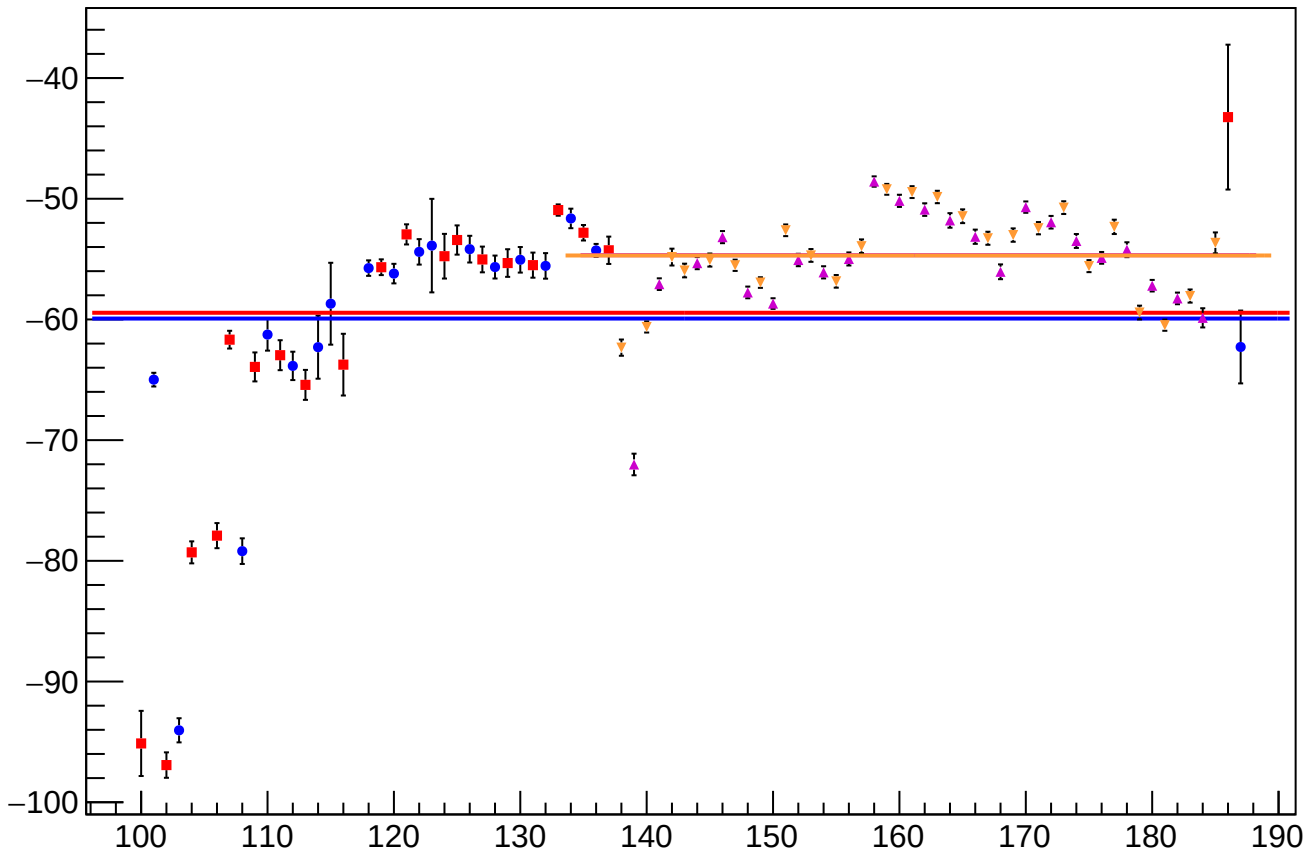
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.565 ± 0.133 χ^2/NDF : 1464.1/25

All: 1.628 ± 0.094 χ^2/NDF : 2816.5/49

- sign 1.692 ± 0.134 χ^2/NDF : 1351.9/23

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.927 ± 0.222 χ^2/NDF : 1980.1/17

Left Out: -54.701 ± 0.106 χ^2/NDF : 1124.5/24

Right Out: -59.447 ± 0.212 χ^2/NDF : 2920.0/19

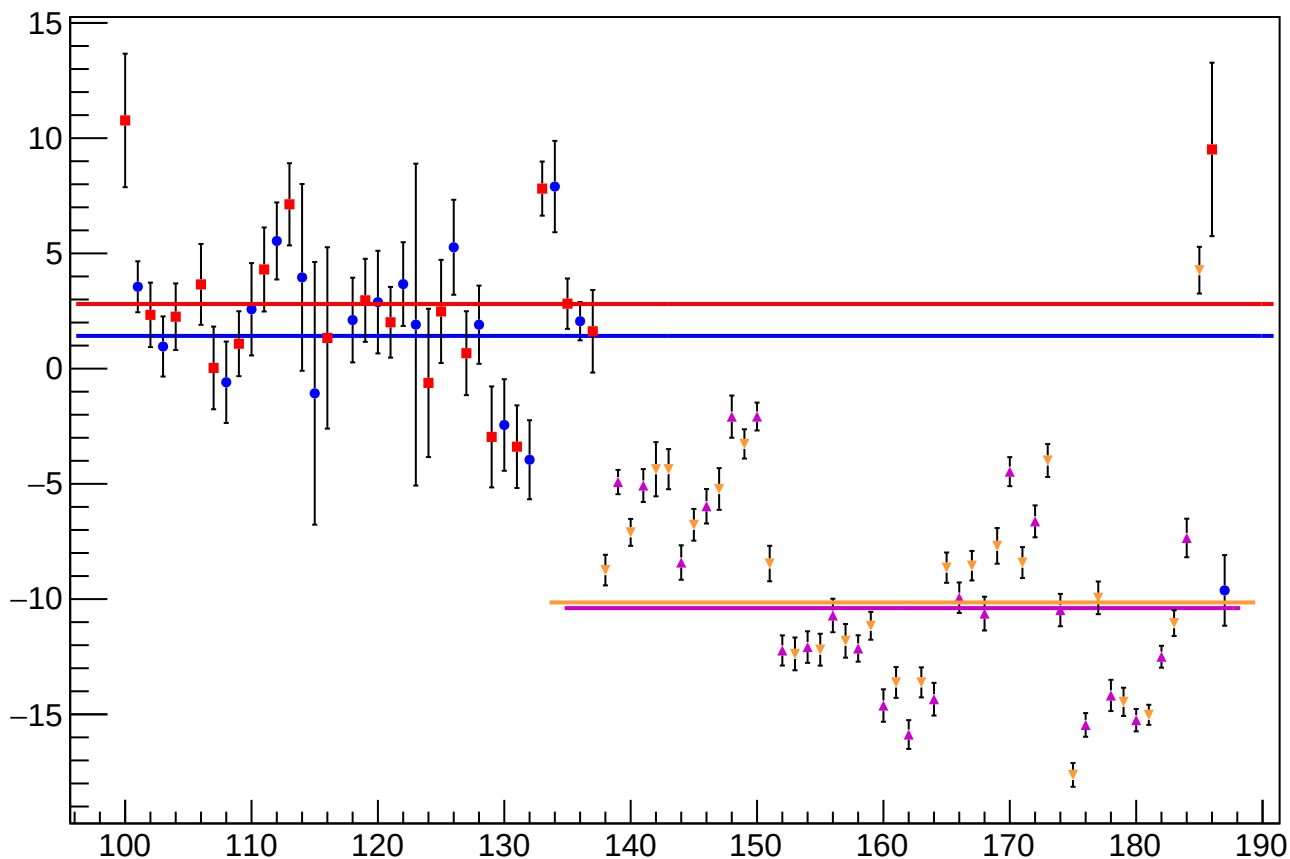
Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

+ sign -55.668 ± 0.096 χ^2/NDF : 3554.6/42

All: -55.675 ± 0.068 χ^2/NDF : 8015.3/85

- sign -55.682 ± 0.097 χ^2/NDF : 4460.6/42

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 1.420 ± 0.391 χ^2/NDF : 94.7/17

Left Out: -10.146 ± 0.133 χ^2/NDF : 1051.2/24

Right Out: 2.804 ± 0.386 χ^2/NDF : 62.1/19

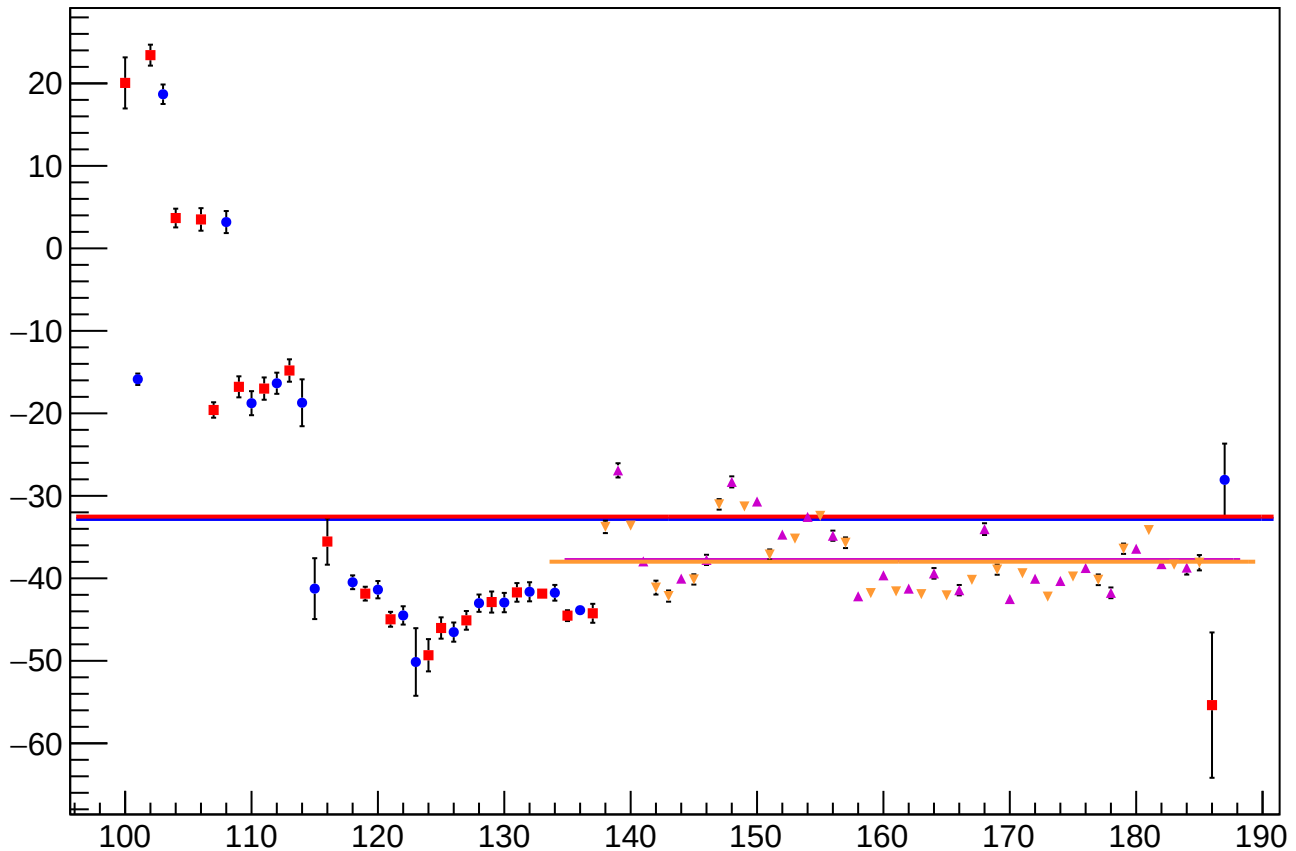
Left In: -10.391 ± 0.134 χ^2/NDF : 1024.8/22

+ sign -8.944 ± 0.126 χ^2/NDF : 1930.9/42

All: -8.959 ± 0.089 χ^2/NDF : 4063.1/85

- sign -8.974 ± 0.126 χ^2/NDF : 2132.1/42

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.801 ± 0.254 $\chi^2/\text{NDF}: 4667.7/17$

Left Out: -37.983 ± 0.119 $\chi^2/\text{NDF}: 936.9/24$

Right Out: -32.518 ± 0.244 $\chi^2/\text{NDF}: 6044.6/19$

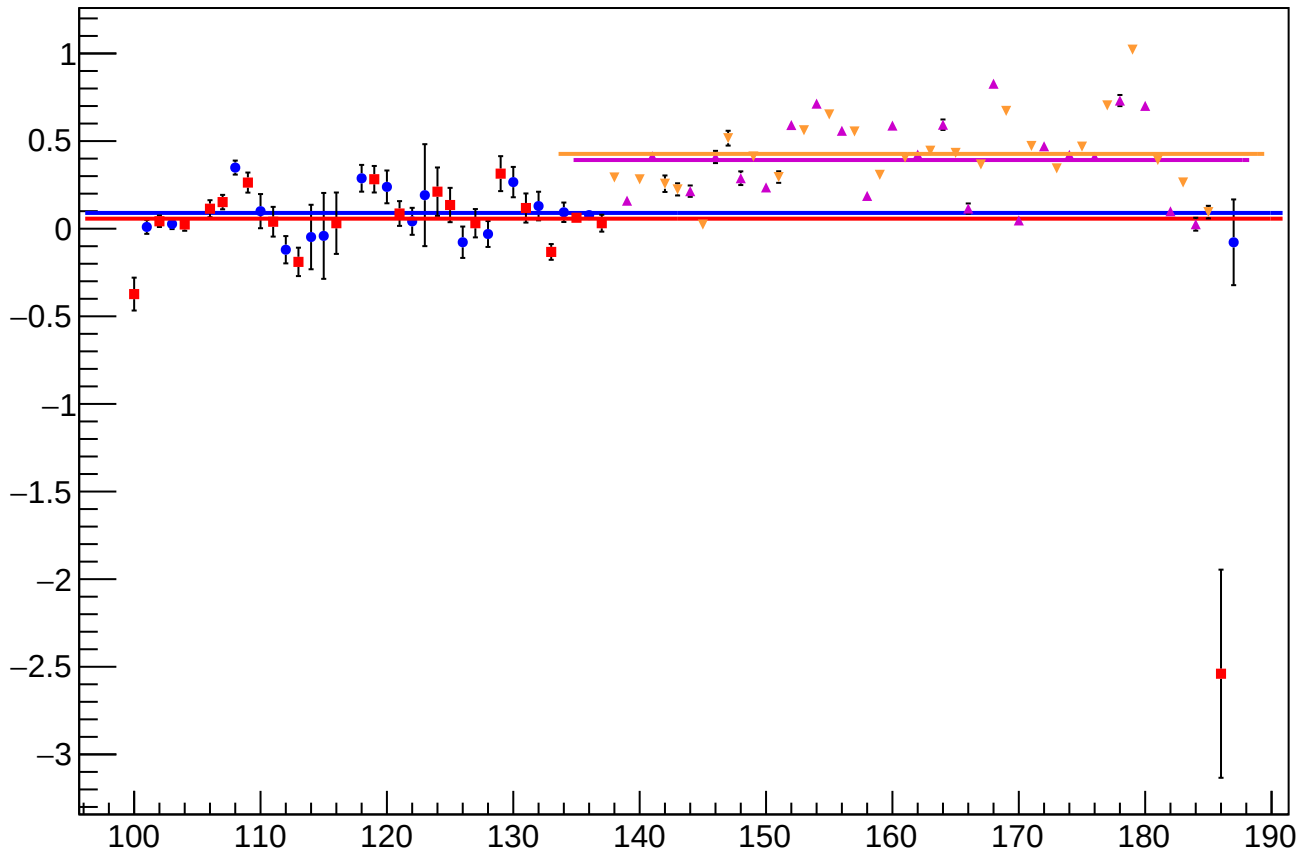
Left In: -37.784 ± 0.122 $\chi^2/\text{NDF}: 1079.7/22$

+ sign -37.048 ± 0.108 $\chi^2/\text{NDF}: 5947.0/42$

All: -36.891 ± 0.077 $\chi^2/\text{NDF}: 13448.5/85$

- sign -36.731 ± 0.109 $\chi^2/\text{NDF}: 7497.2/42$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 79.7/17

Left Out: 0.427 ± 0.005 χ^2/NDF : 1293.3/24

Right Out: 0.057 ± 0.012 χ^2/NDF : 106.4/19

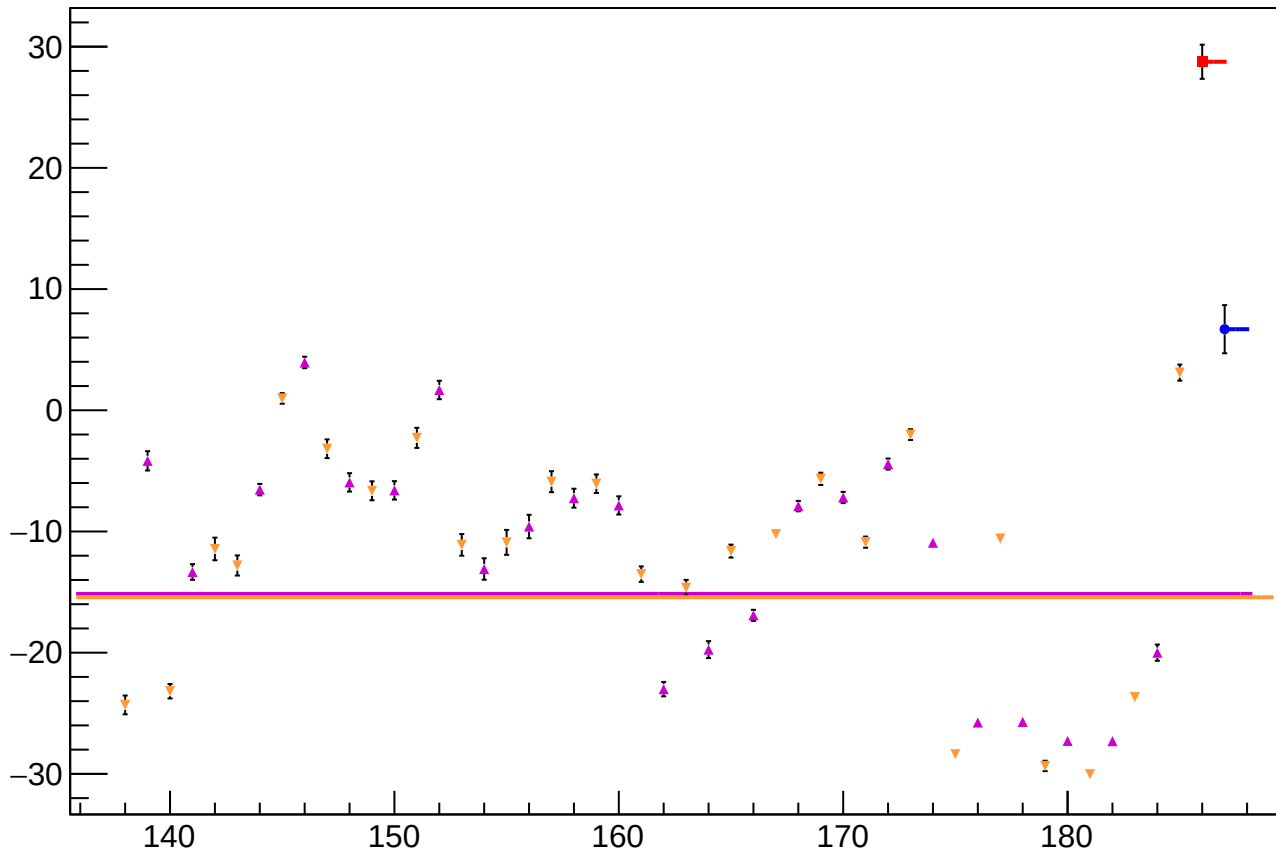
Left In: 0.392 ± 0.005 χ^2/NDF : 1835.6/22

+ sign 0.376 ± 0.005 χ^2/NDF : 1969.4/42

All: 0.356 ± 0.003 χ^2/NDF : 4577.0/85

- sign 0.337 ± 0.005 χ^2/NDF : 2577.0/42

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 6.689 ± 1.987 χ^2/NDF : 0.0/0

Left Out: -15.427 ± 0.105 χ^2/NDF : 10499.6/24

Right Out: 28.756 ± 1.409 χ^2/NDF : 0.0/0

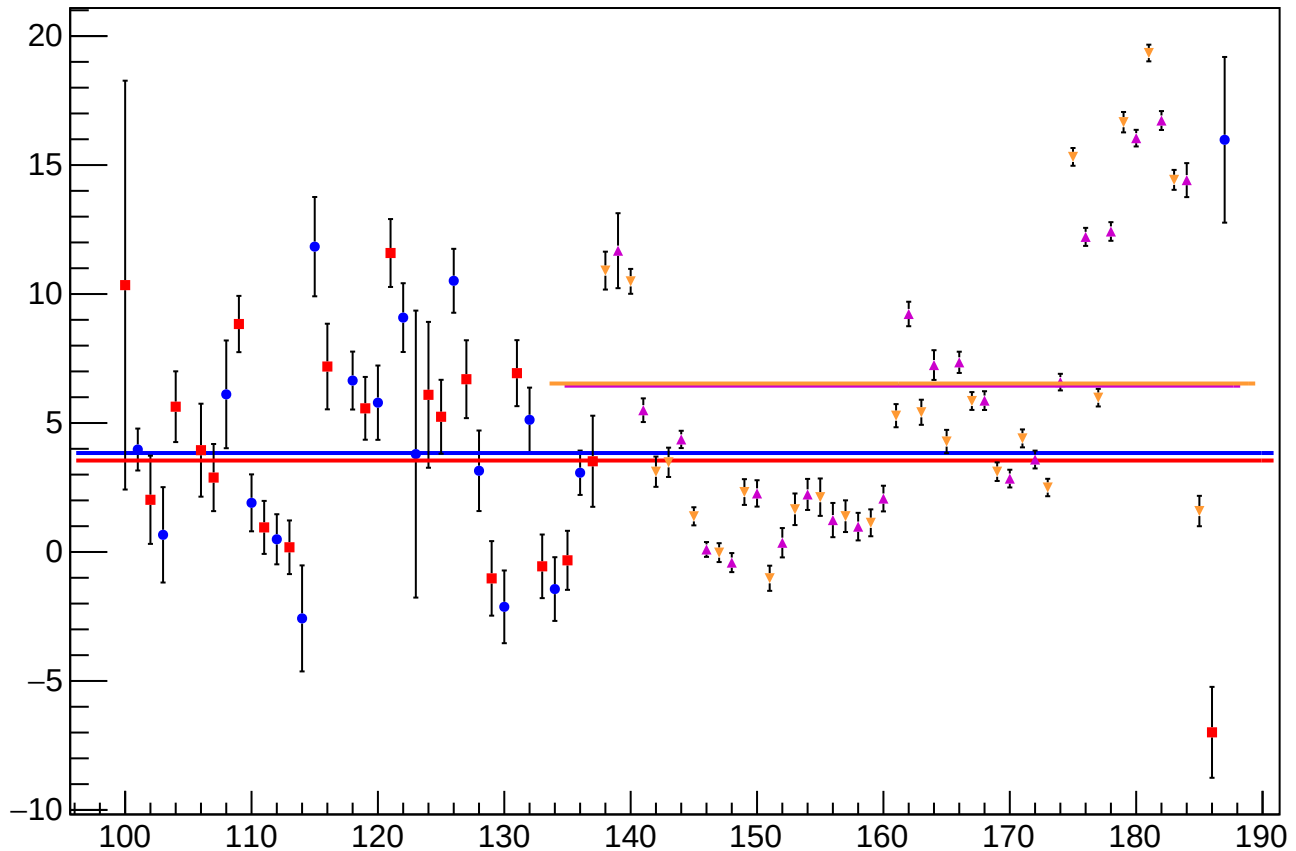
Left In: -15.151 ± 0.106 χ^2/NDF : 8744.3/22

+ sign -15.365 ± 0.105 χ^2/NDF : 10623.2/25

All: -15.136 ± 0.075 χ^2/NDF : 20342.1/49

- sign -14.903 ± 0.106 χ^2/NDF : 9709.3/23

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.837 $\pm$ 0.307 χ^2 /NDF: 151.2/17

Left Out: 6.531 $\pm$ 0.086 χ^2 /NDF: 4969.5/24

Right Out: 3.546 $\pm$ 0.311 χ^2 /NDF: 171.3/19

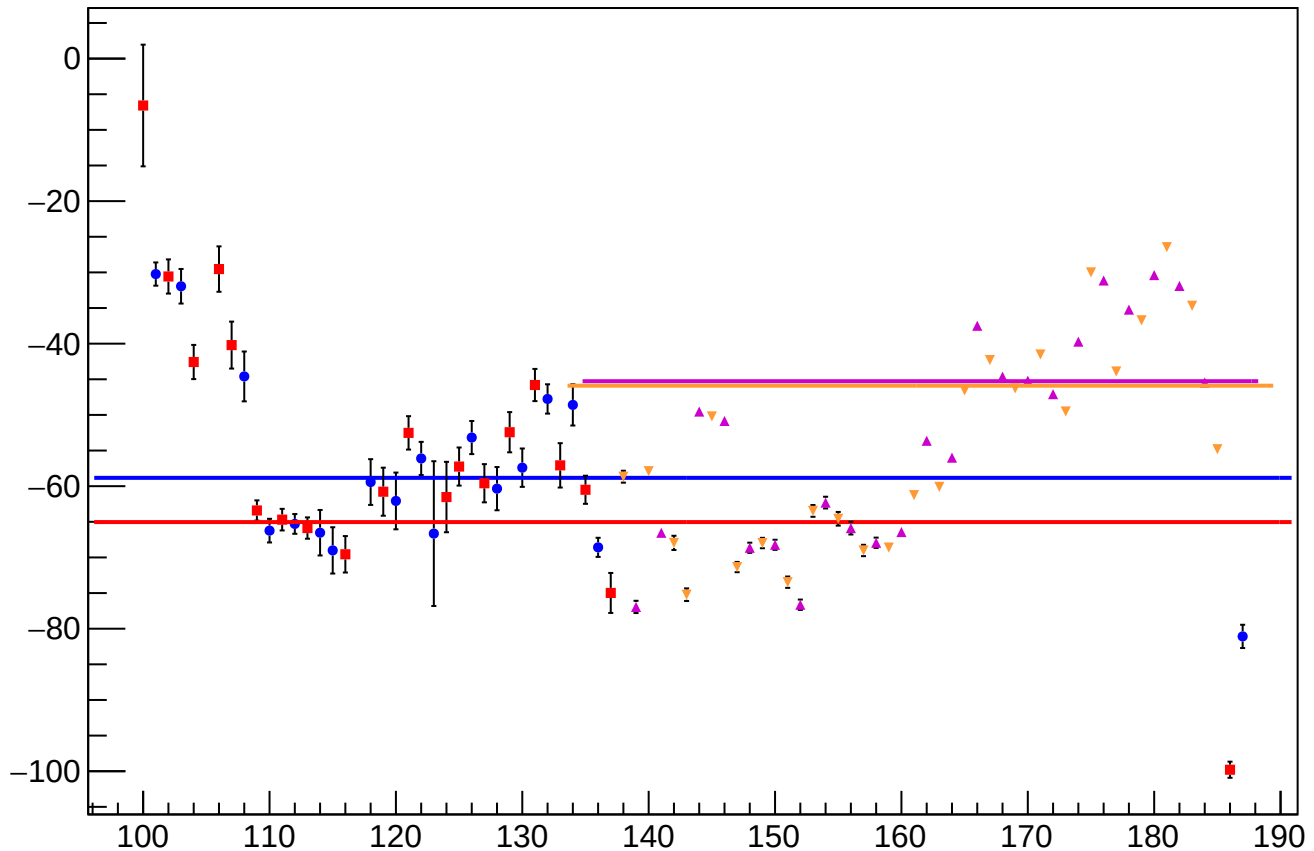
Left In: 6.448 $\pm$ 0.086 χ^2 /NDF: 3955.6/22

+ sign 6.337 $\pm$ 0.082 χ^2 /NDF: 5192.1/42

All: 6.290 $\pm$ 0.058 χ^2 /NDF: 9400.5/85

- sign 6.243 $\pm$ 0.083 χ^2 /NDF: 4207.7/42

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -58.829 ± 0.514 χ^2/NDF : 793.5/17

Left Out: -45.897 ± 0.106 χ^2/NDF : 17133.8/24

Right Out: -65.038 ± 0.484 χ^2/NDF : 1628.7/19

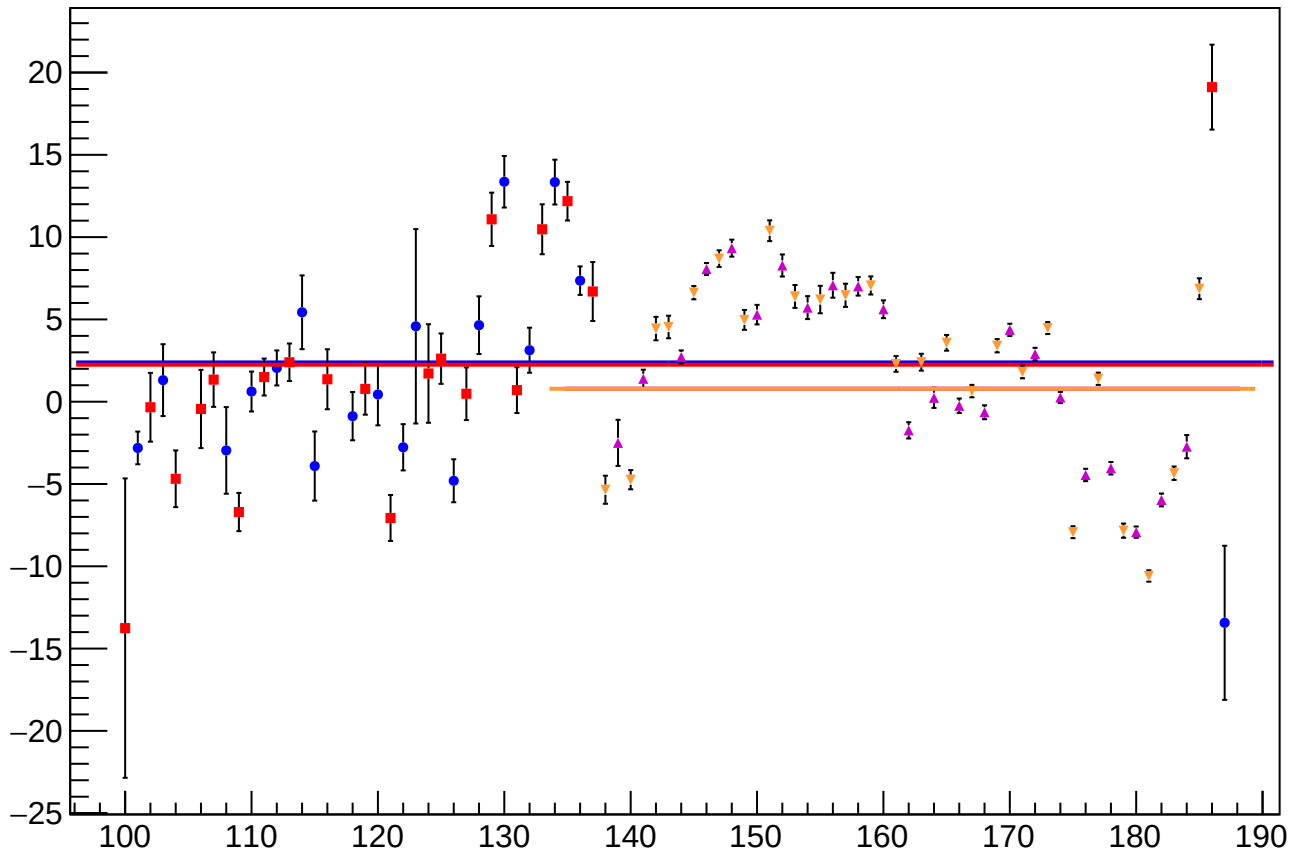
Left In: -45.268 ± 0.107 χ^2/NDF : 15775.7/22

+ sign -46.427 ± 0.104 χ^2/NDF : 18533.6/42

All: -46.306 ± 0.074 χ^2/NDF : 37529.8/85

- sign -46.184 ± 0.104 χ^2/NDF : 18993.4/42

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.386 $\pm$ 0.345 χ^2 /NDF: 255.1/17

Left Out: 0.787 $\pm$ 0.096 χ^2 /NDF:3746.7/24

Right Out: 2.247 $\pm$ 0.352 χ^2 /NDF: 310.2/19

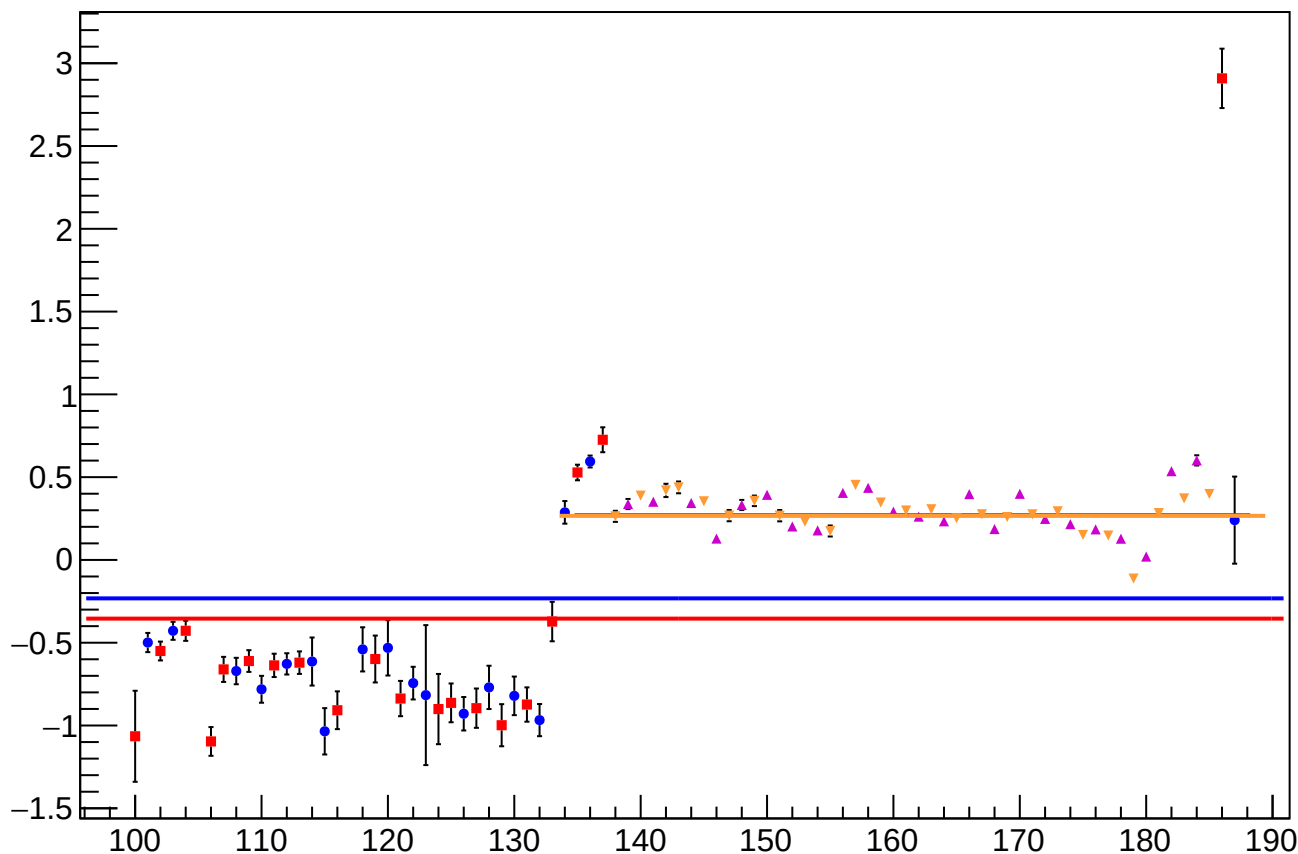
Left In: 0.791 $\pm$ 0.096 χ^2 /NDF:2697.7/22

+ sign 0.901 $\pm$ 0.092 χ^2 /NDF: 4021.8/42

All: 0.897 $\pm$ 0.065 χ^2 /NDF: 7045.6/85

- sign 0.893 $\pm$ 0.093 χ^2 /NDF: 3023.8/42

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.232 ± 0.019 χ^2/NDF : 961.7/17

Left Out: 0.266 ± 0.004 χ^2/NDF : 698.1/24

Right Out: -0.354 ± 0.019 χ^2/NDF : 1187.9/19

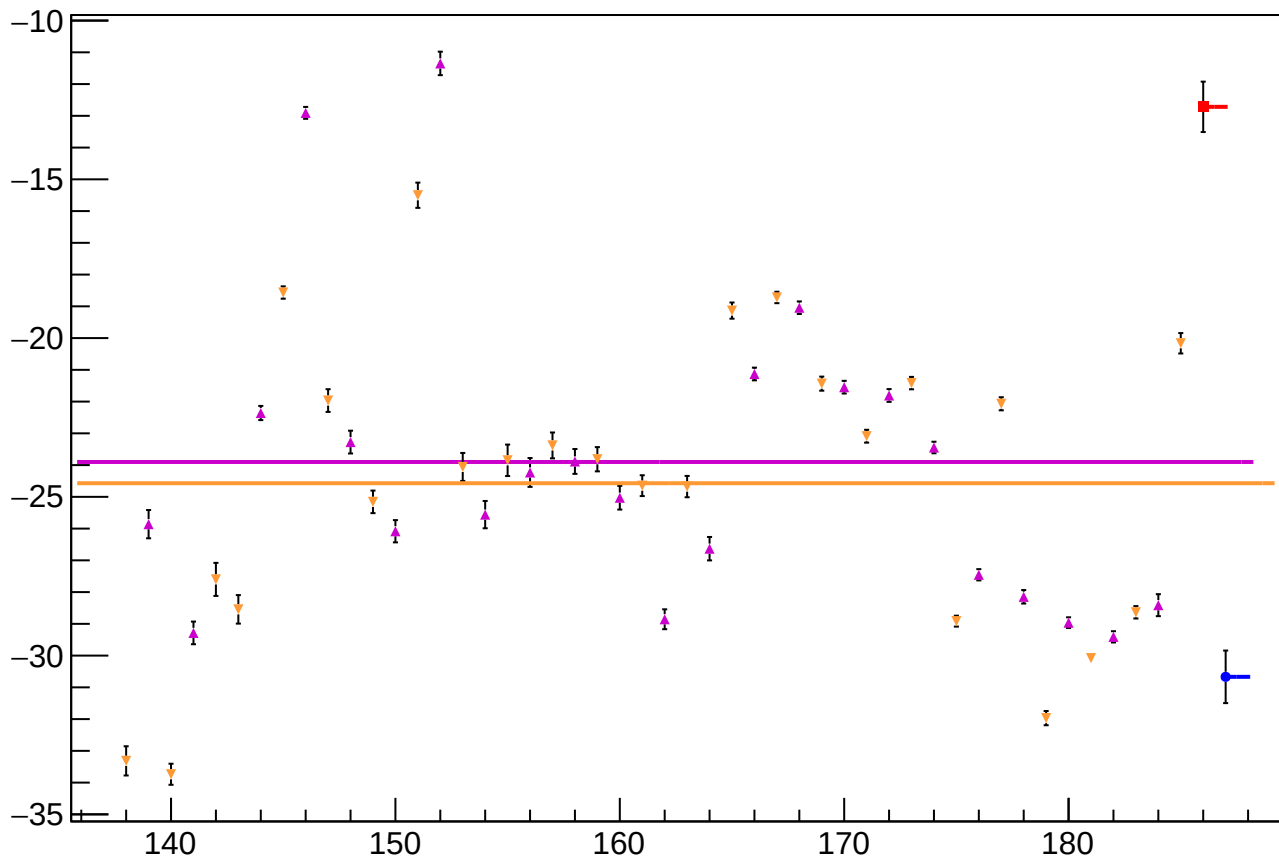
Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

+ sign 0.241 ± 0.004 χ^2/NDF : 2325.4/42

All: 0.239 ± 0.003 χ^2/NDF : 5528.6/85

- sign 0.238 ± 0.004 χ^2/NDF : 3202.9/42

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -30.669 ± 0.828 χ^2/NDF : 0.0/0

Left Out: -24.571 ± 0.051 χ^2/NDF : 8610.0/24

Right Out: -12.717 ± 0.794 χ^2/NDF : 0.0/0

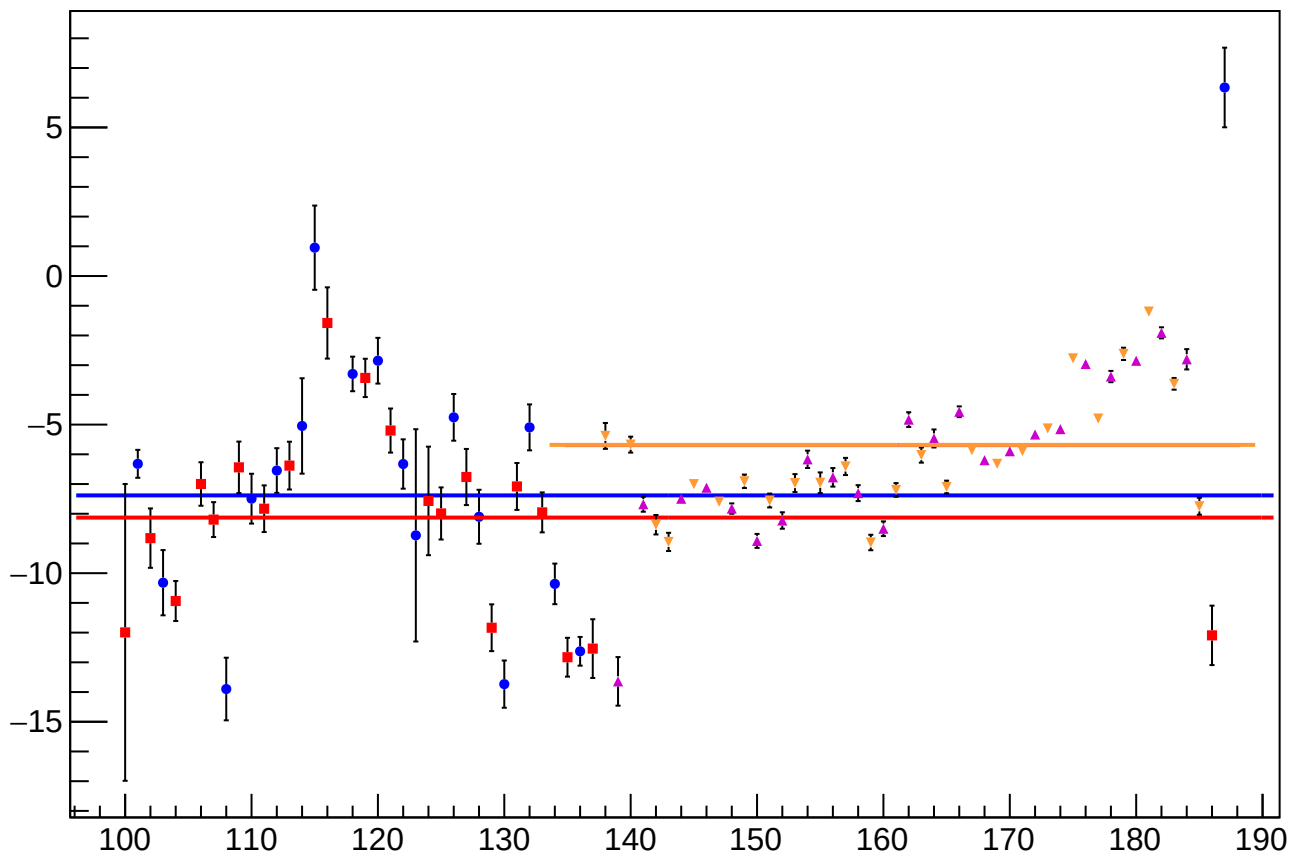
Left In: -23.902 ± 0.051 χ^2/NDF : 9158.9/22

+ sign -24.594 ± 0.051 χ^2/NDF : 8664.1/25

All: -24.224 ± 0.036 χ^2/NDF : 18126.1/49

- sign -23.856 ± 0.051 χ^2/NDF : 9356.7/23

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.383 ± 0.184 $\chi^2/\text{NDF}: 500.6/17$

Left Out: -5.683 ± 0.041 $\chi^2/\text{NDF}: 2231.0/24$

Right Out: -8.129 ± 0.183 $\chi^2/\text{NDF}: 241.7/19$

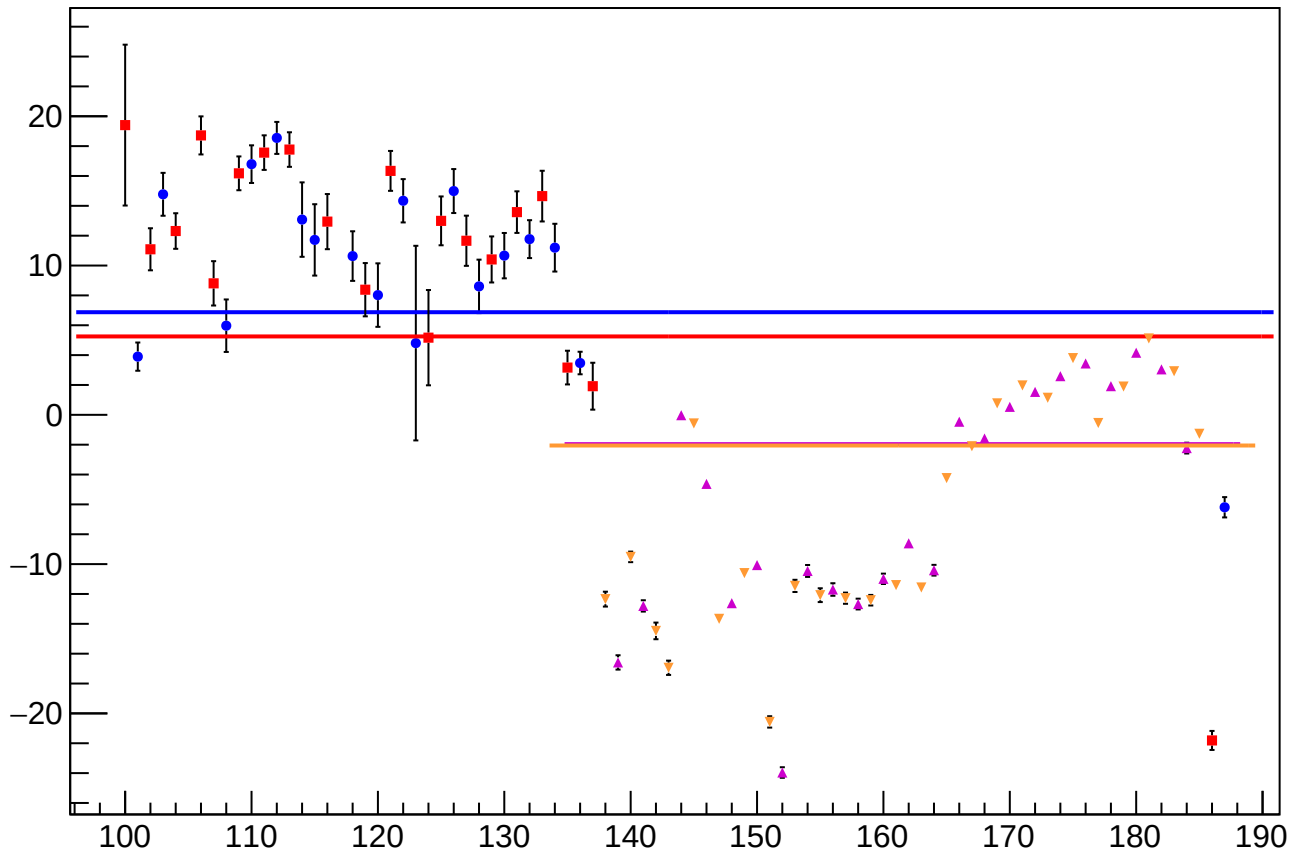
Left In: -5.690 ± 0.041 $\chi^2/\text{NDF}: 2328.2/22$

+ sign -5.764 ± 0.040 $\chi^2/\text{NDF}: 2812.9/42$

All: -5.785 ± 0.028 $\chi^2/\text{NDF}: 5553.3/85$

- sign -5.805 ± 0.040 $\chi^2/\text{NDF}: 2739.8/42$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 6.874 ± 0.302 χ^2/NDF : 712.3/17

Left Out: -2.055 ± 0.051 χ^2/NDF : 16042.5/24

Right Out: 5.251 ± 0.295 χ^2/NDF : 2515.8/19

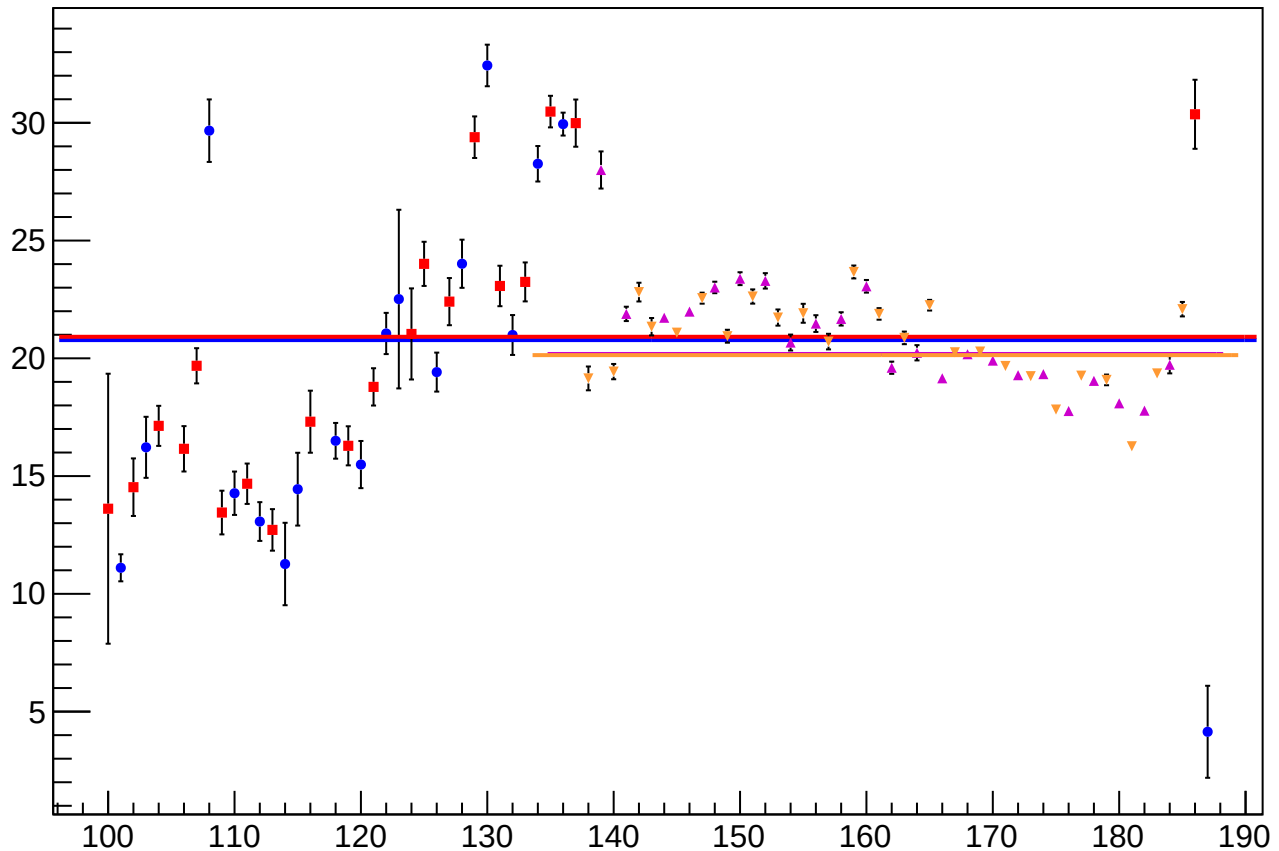
Left In: -1.963 ± 0.051 χ^2/NDF : 15492.9/22

+ sign -1.803 ± 0.051 χ^2/NDF : 17605.4/42

All: -1.778 ± 0.036 χ^2/NDF : 36196.2/85

- sign -1.753 ± 0.050 χ^2/NDF : 18590.4/42

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.774 ± 0.208 χ^2/NDF : 1298.8/17

Left Out: 20.136 ± 0.046 χ^2/NDF : 1414.2/24

Right Out: 20.914 ± 0.210 χ^2/NDF : 772.3/19

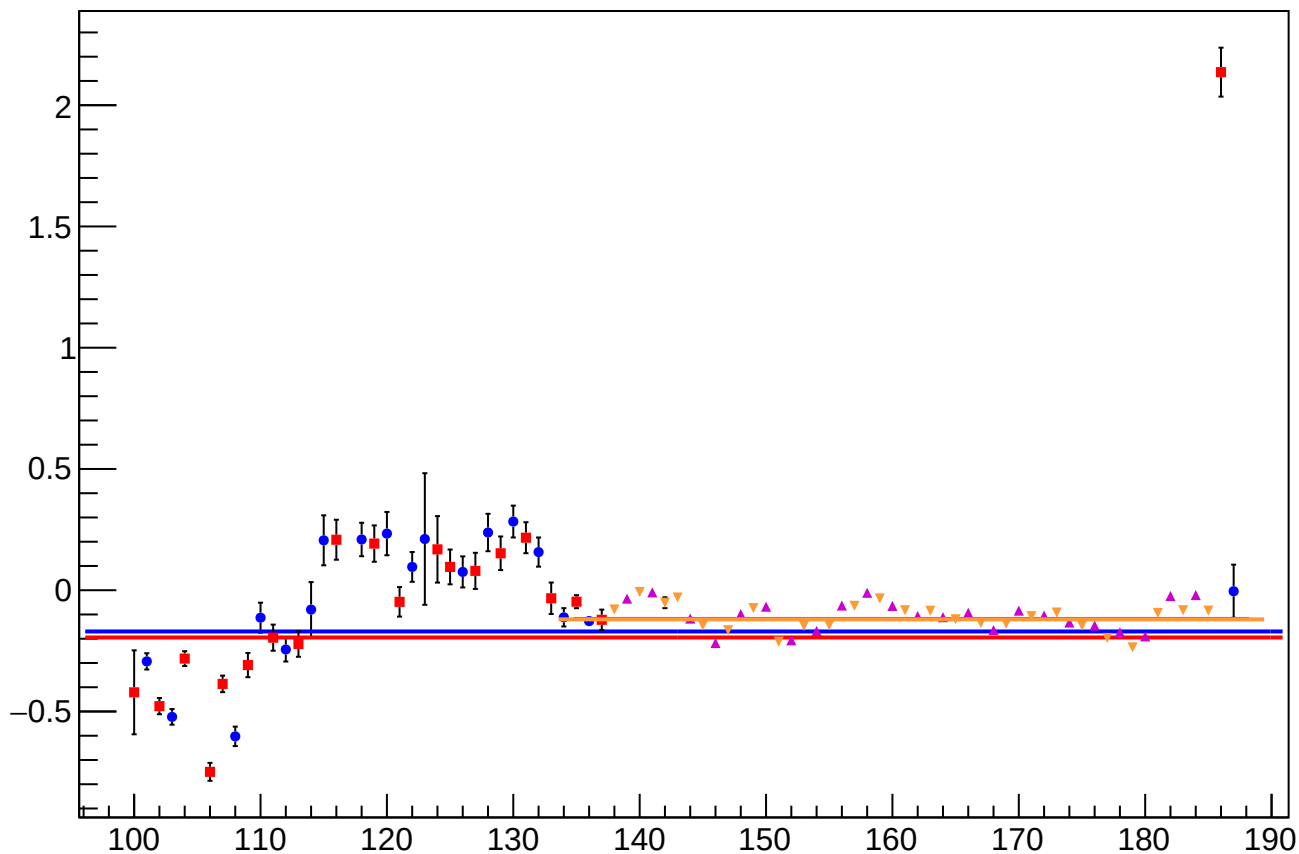
Left In: 20.184 ± 0.046 χ^2/NDF : 1470.7/22

+ sign 20.166 ± 0.045 χ^2/NDF : 2722.0/42

All: 20.192 ± 0.032 χ^2/NDF : 4977.1/85

- sign 20.217 ± 0.045 χ^2/NDF : 2254.5/42

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.170 ± 0.011 χ^2/NDF : 466.5/17

Left Out: -0.120 ± 0.002 χ^2/NDF : 532.4/24

Right Out: -0.195 ± 0.011 χ^2/NDF : 1075.6/19

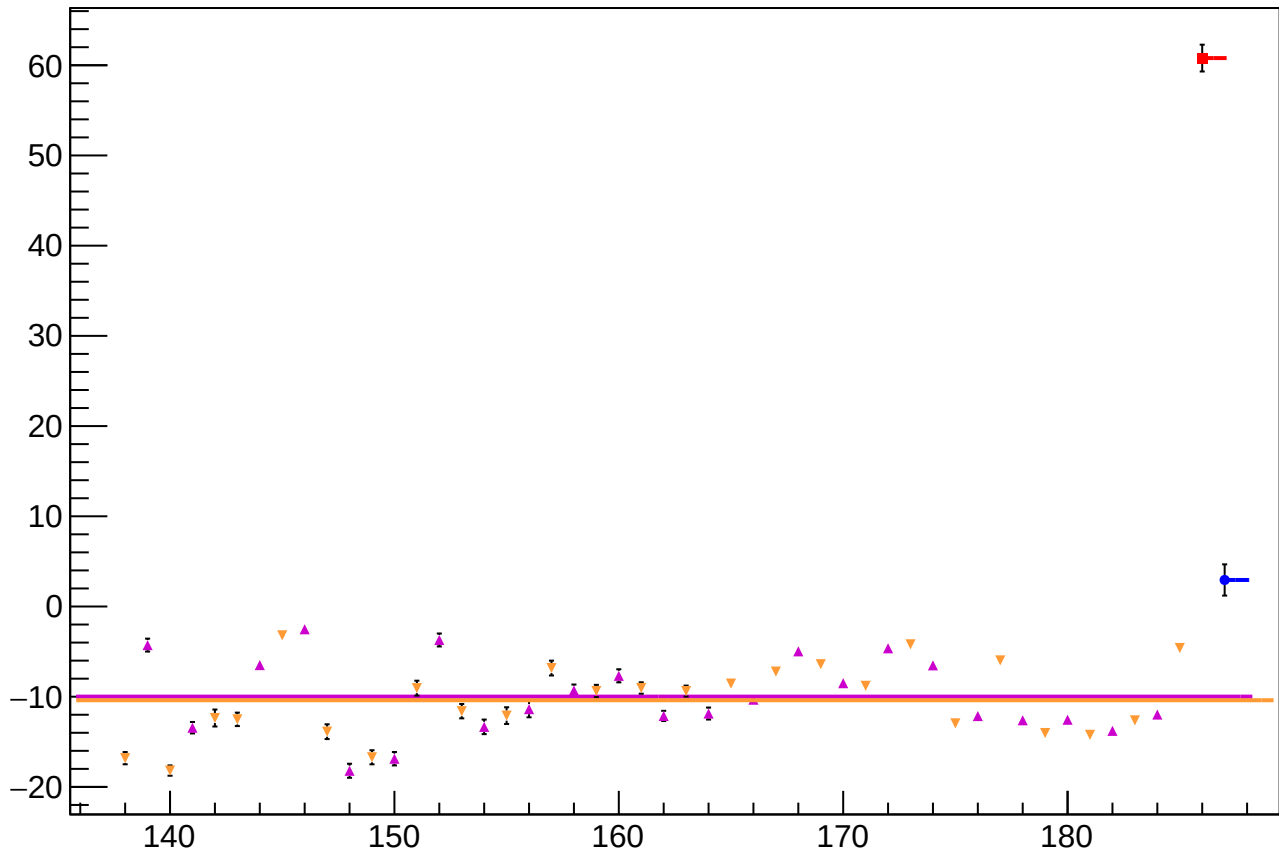
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.122 ± 0.002 χ^2/NDF : 1018.3/42

All: -0.122 ± 0.001 χ^2/NDF : 2869.0/85

- sign -0.121 ± 0.002 χ^2/NDF : 1850.6/42

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: 2.941 ± 1.732 χ^2/NDF : 0.0/0

Left Out: -10.392 ± 0.088 χ^2/NDF : 2112.5/24

Right Out: 60.793 ± 1.487 χ^2/NDF : 0.0/0

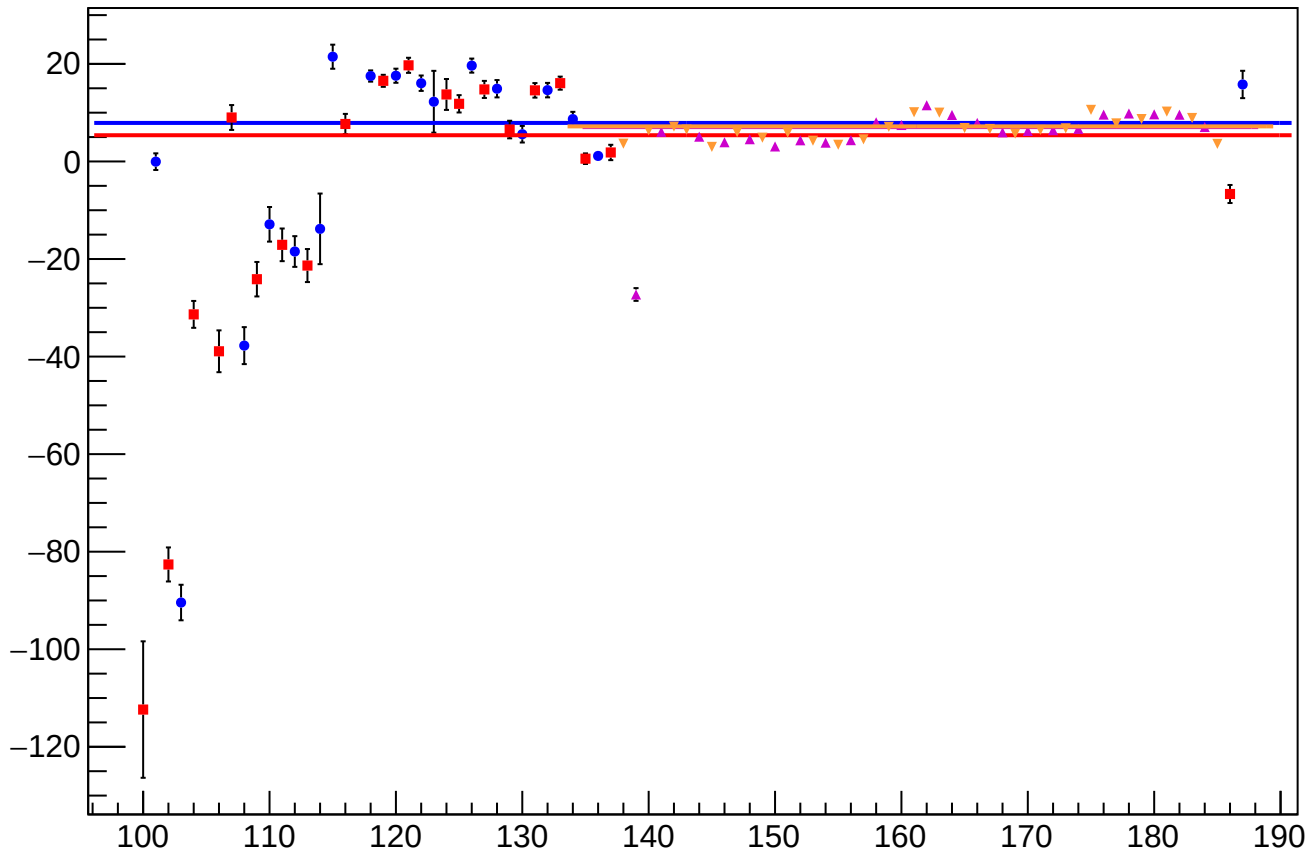
Left In: -9.990 ± 0.089 χ^2/NDF : 1794.2/22

+ sign -10.358 ± 0.088 χ^2/NDF : 2171.5/25

All: -10.051 ± 0.063 χ^2/NDF : 6249.5/49

- sign -9.736 ± 0.089 χ^2/NDF : 4053.2/23

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.899 ± 0.399 χ^2/NDF : 1366.5/17

Left Out: 7.187 ± 0.074 χ^2/NDF : 916.3/24

Right Out: 5.376 ± 0.423 χ^2/NDF : 1556.9/19

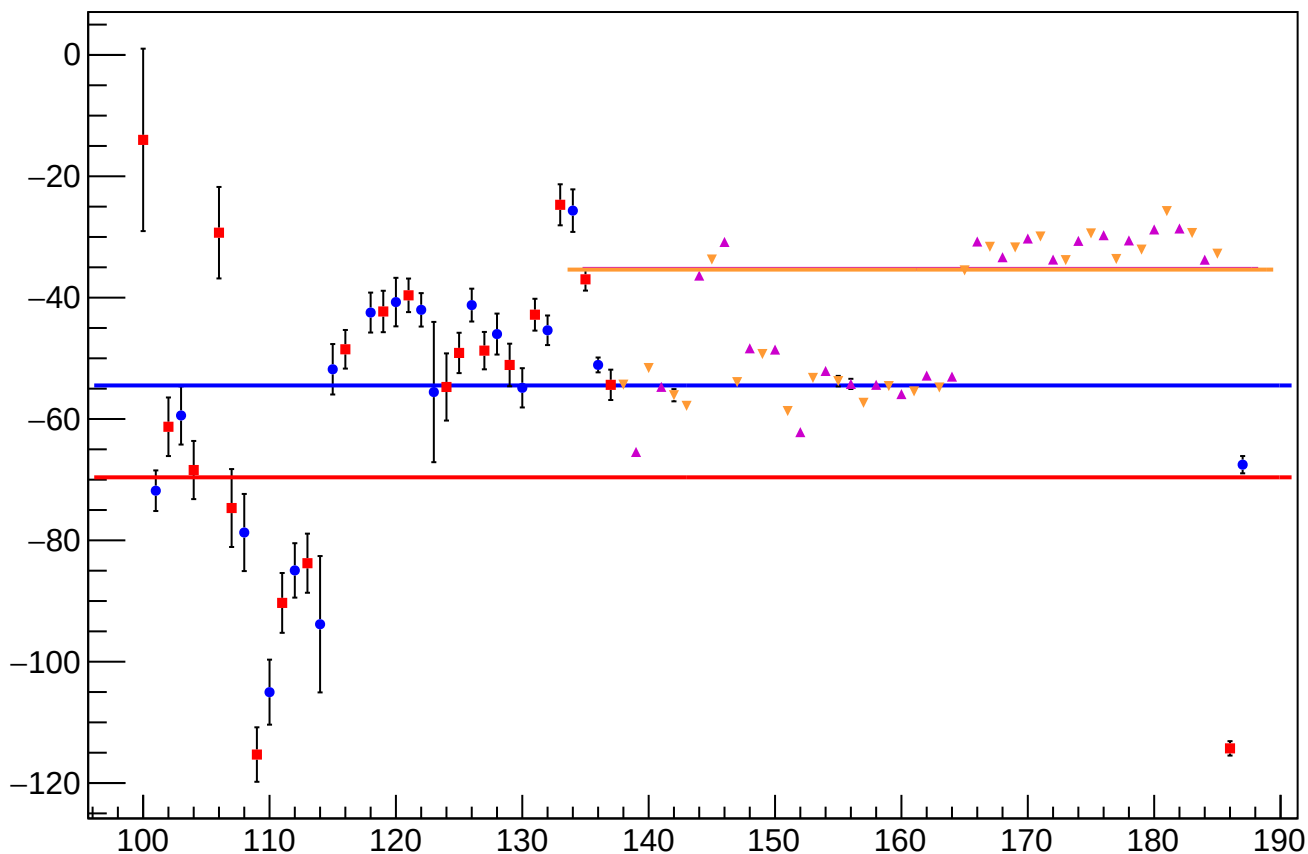
Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

+ sign 7.211 ± 0.072 χ^2/NDF : 2285.9/42

All: 7.103 ± 0.051 χ^2/NDF : 5466.9/85

- sign 6.994 ± 0.073 χ^2/NDF : 3176.5/42

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -54.471 ± 0.655 χ^2/NDF : 439.4/17

Left Out: -35.377 ± 0.089 χ^2/NDF : 12628.3/24

Right Out: -69.613 ± 0.662 χ^2/NDF : 2560.7/19

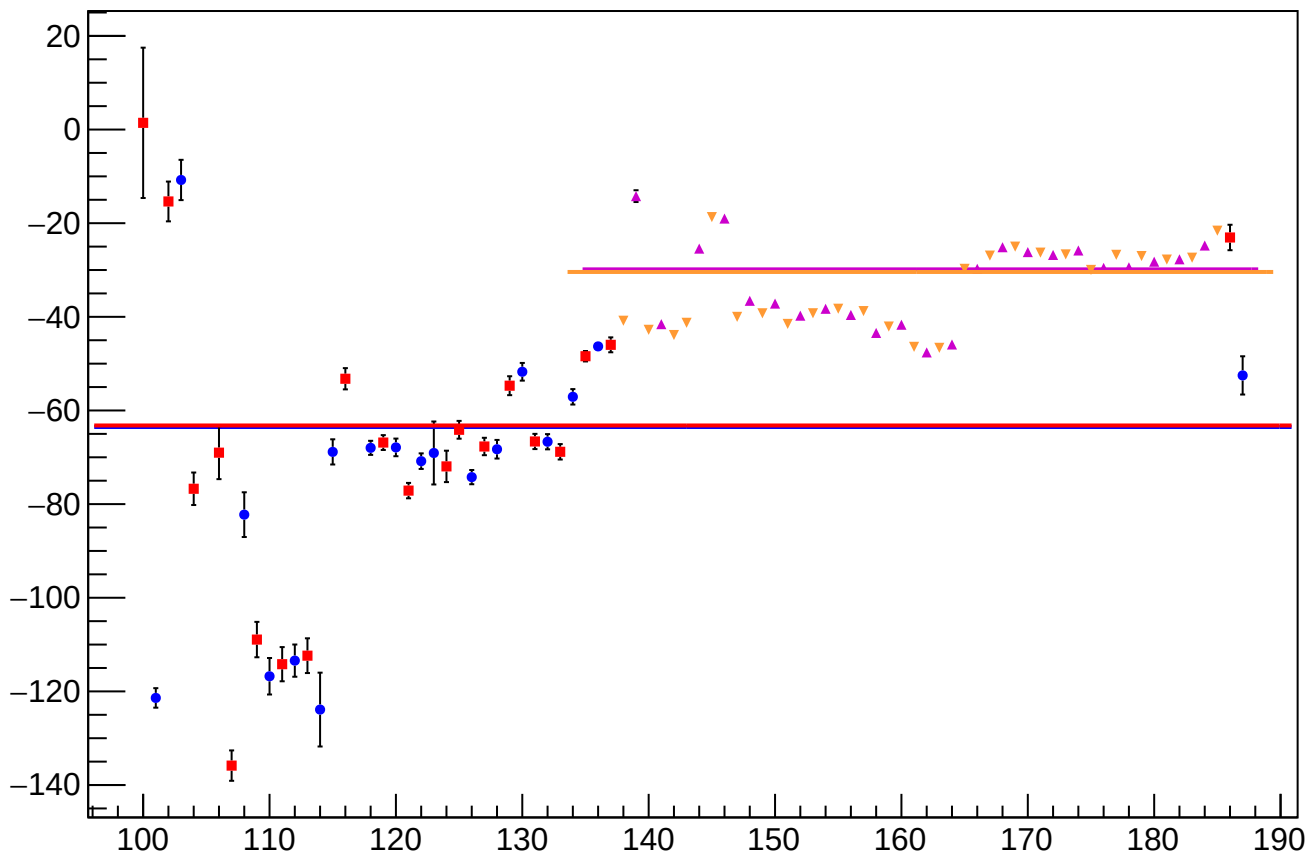
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.724 ± 0.088 χ^2/NDF : 13902.2/42

All: -35.801 ± 0.063 χ^2/NDF : 30877.8/85

- sign -35.880 ± 0.089 χ^2/NDF : 16974.0/42

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.525 $\pm$ 0.443 χ^2 /NDF: 2022.1/17

Left Out: -30.415 $\pm$ 0.082 χ^2 /NDF: 8132.2/24

Right Out: -63.204 $\pm$ 0.475 χ^2 /NDF: 1832.1/19

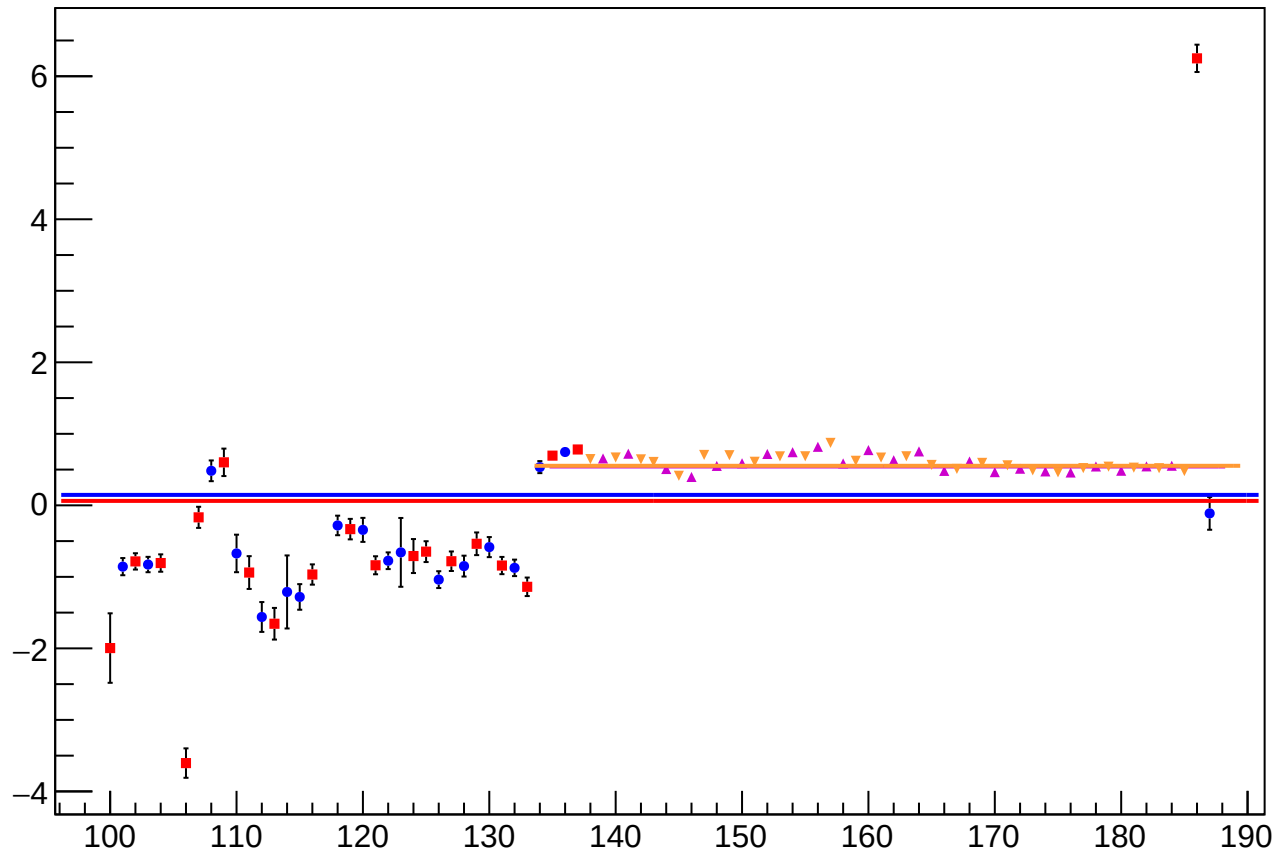
Left In: -29.863 $\pm$ 0.082 χ^2 /NDF: 7145.9/22

+ sign -31.503 $\pm$ 0.080 χ^2 /NDF: 15563.2/42

All: -31.172 $\pm$ 0.057 χ^2 /NDF: 29357.6/85

- sign -30.833 $\pm$ 0.081 χ^2 /NDF: 13760.0/42

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.146 $\pm$ 0.024 χ^2 /NDF: 991.2/17

Left Out: 0.553 $\pm$ 0.004 χ^2 /NDF: 542.9/24

Right Out: 0.062 $\pm$ 0.026 χ^2 /NDF: 2235.3/19

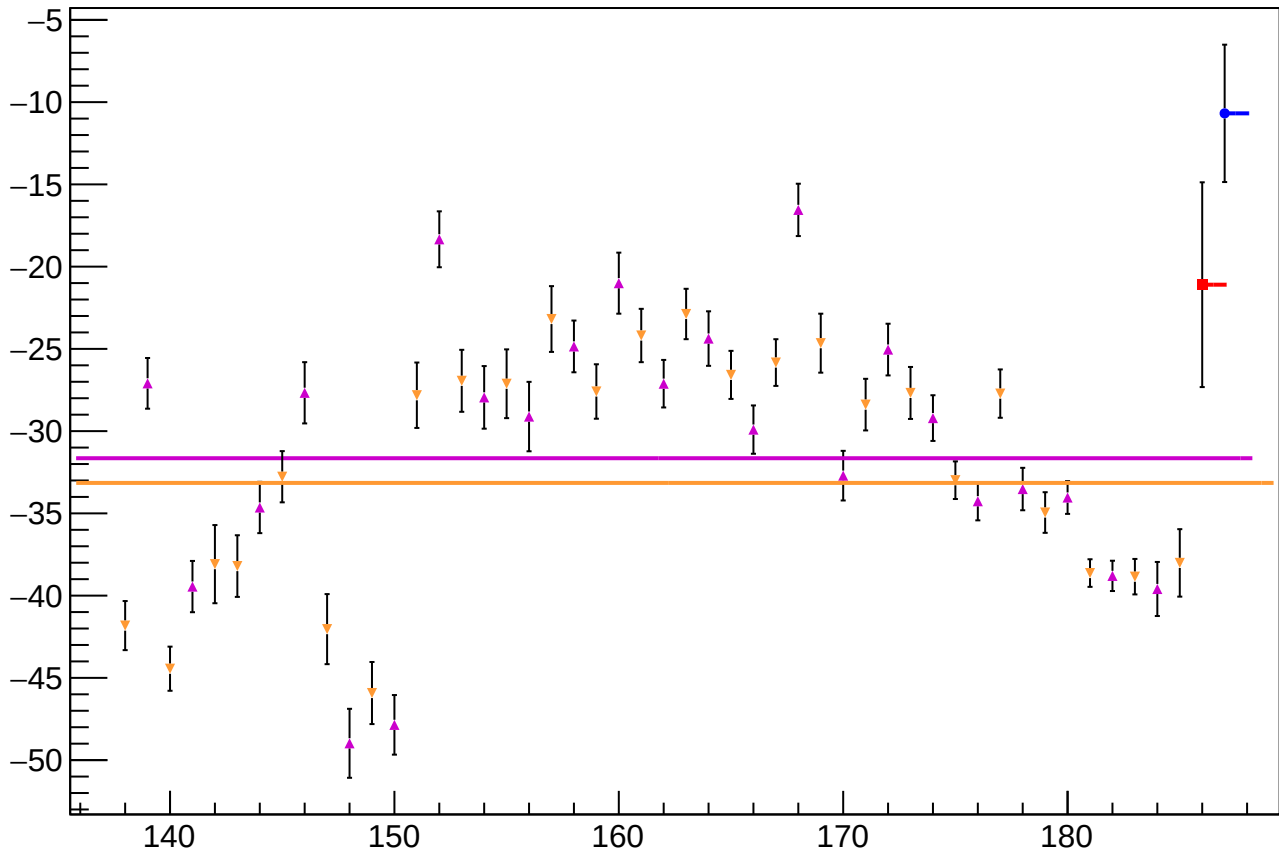
Left In: 0.544 $\pm$ 0.004 χ^2 /NDF: 659.2/22

+ sign 0.543 $\pm$ 0.004 χ^2 /NDF: 1818.3/42

All: 0.539 $\pm$ 0.003 χ^2 /NDF: 5053.0/85

- sign 0.534 $\pm$ 0.004 χ^2 /NDF: 3231.3/42

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -10.682 ± 4.176 χ^2/NDF : 0.0/0

Left Out: -33.148 ± 0.301 χ^2/NDF : 500.0/24

Right Out: -21.098 ± 6.224 χ^2/NDF : 0.0/0

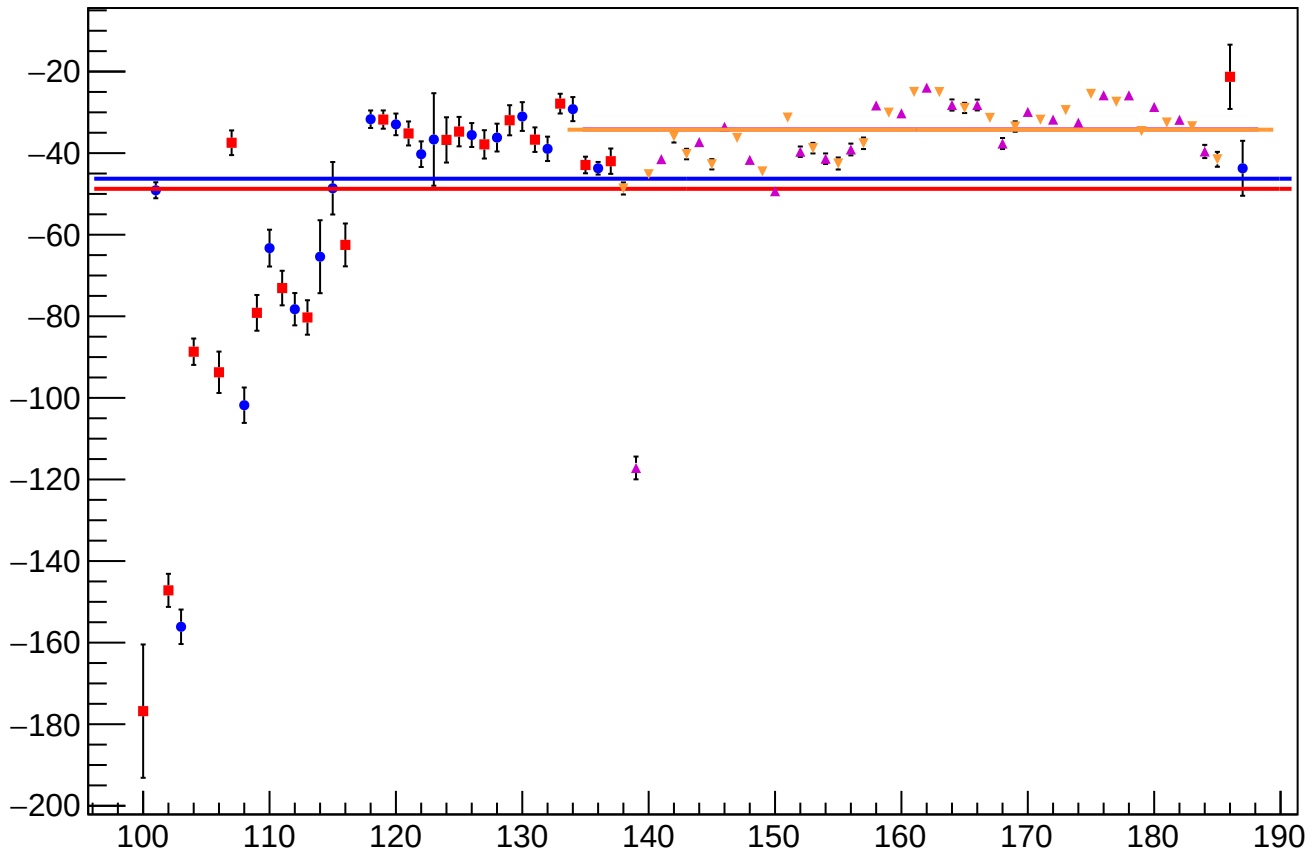
Left In: -31.647 ± 0.308 χ^2/NDF : 546.9/22

+ sign -33.032 ± 0.300 χ^2/NDF : 528.8/25

All: -32.344 ± 0.215 χ^2/NDF : 1089.3/49

- sign -31.621 ± 0.307 χ^2/NDF : 549.7/23

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.271 ± 0.719 χ^2/NDF : 1084.2/17

Left Out: -34.256 ± 0.242 χ^2/NDF : 693.3/24

Right Out: -48.750 ± 0.760 χ^2/NDF : 1283.9/19

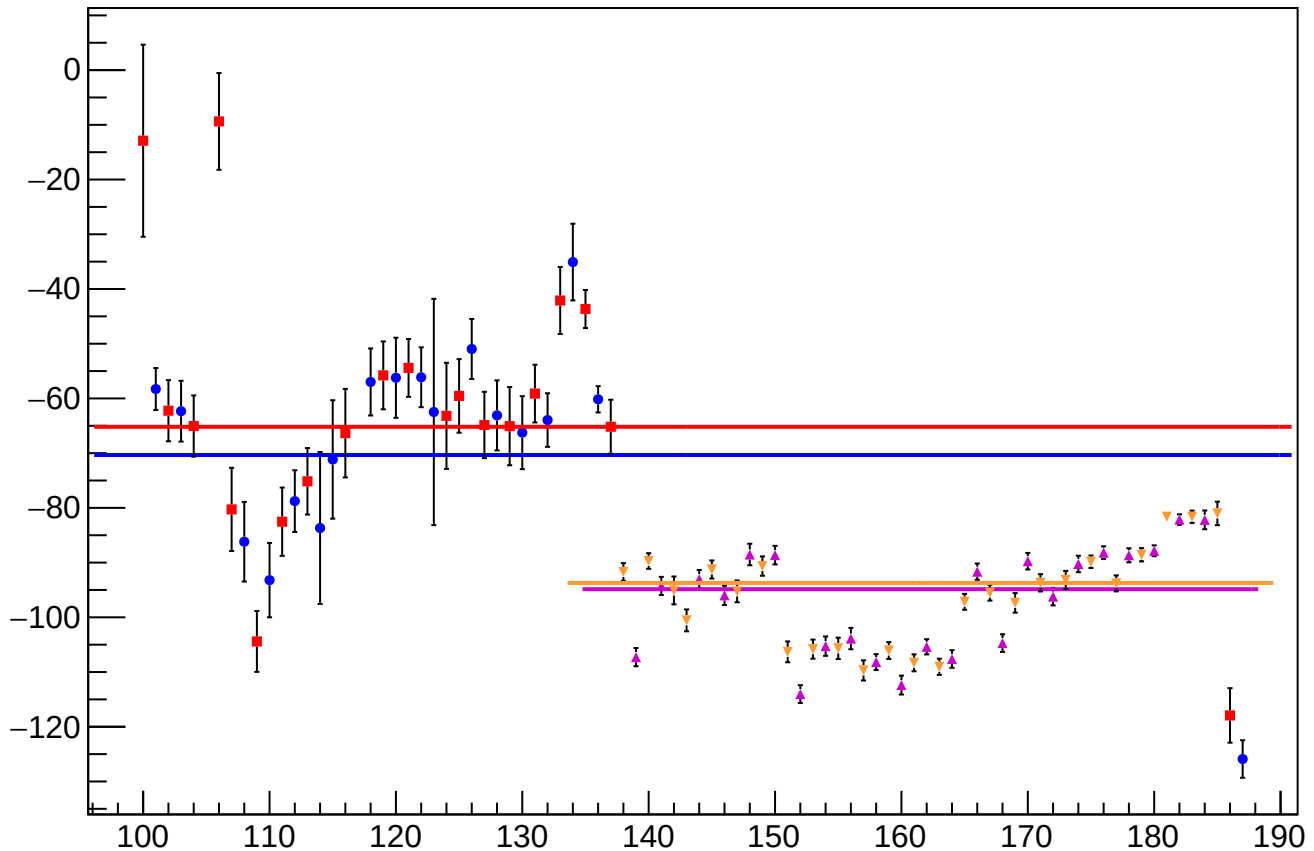
Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

+ sign -35.481 ± 0.229 χ^2/NDF : 2028.5/42

All: -35.544 ± 0.165 χ^2/NDF : 5189.8/85

- sign -35.612 ± 0.238 χ^2/NDF : 3161.1/42

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -70.340 ± 1.224 χ^2/NDF : 367.7/17

Left Out: -93.719 ± 0.302 χ^2/NDF : 878.2/24

Right Out: -65.186 ± 1.329 χ^2/NDF : 286.2/19

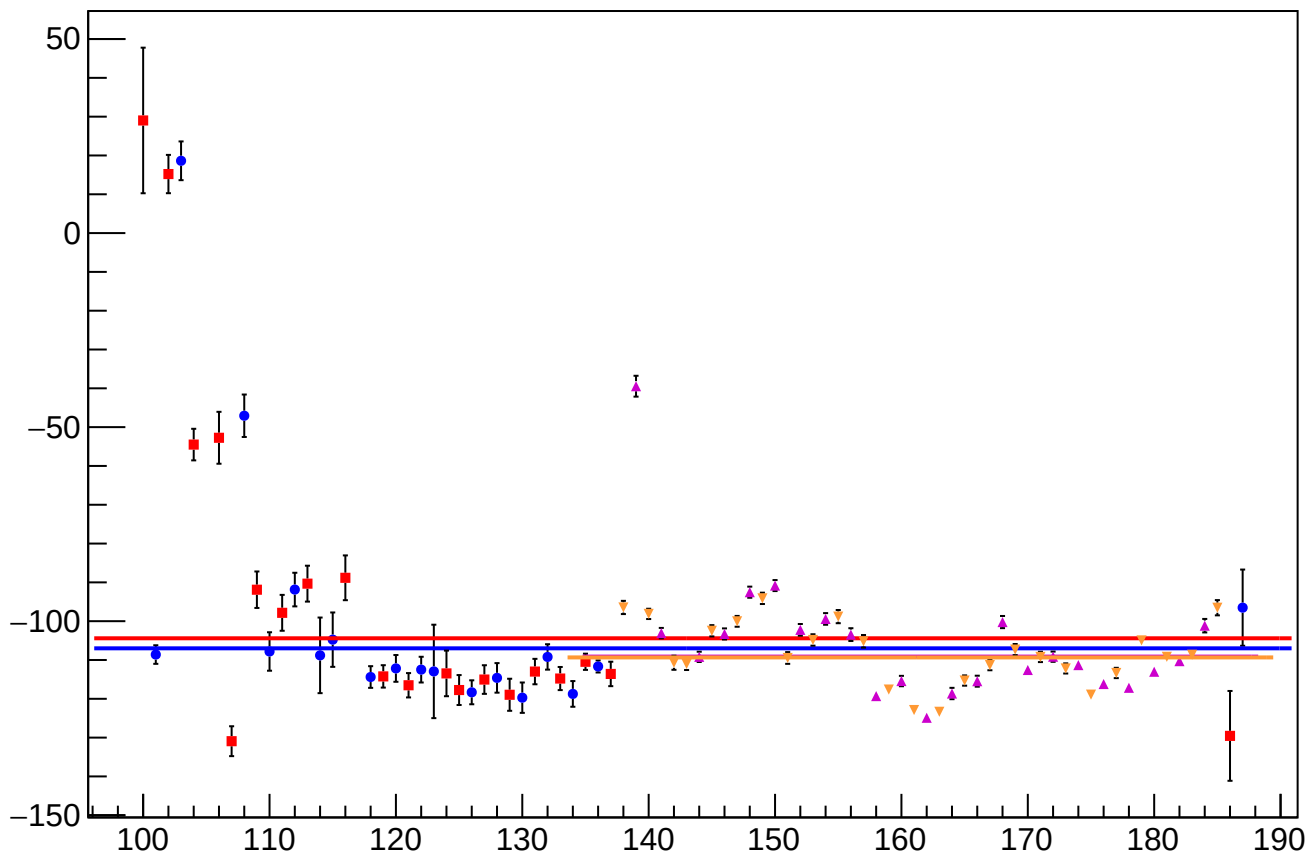
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.375 ± 0.293 χ^2/NDF : 1589.8/42

All: -92.856 ± 0.210 χ^2/NDF : 3340.0/85

- sign -93.356 ± 0.299 χ^2/NDF : 1744.7/42

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -106.995 ± 0.809 χ^2/NDF : 829.5/17

Left Out: -109.338 ± 0.272 χ^2/NDF : 826.2/24

Right Out: -104.409 ± 0.859 χ^2/NDF : 1023.4/19

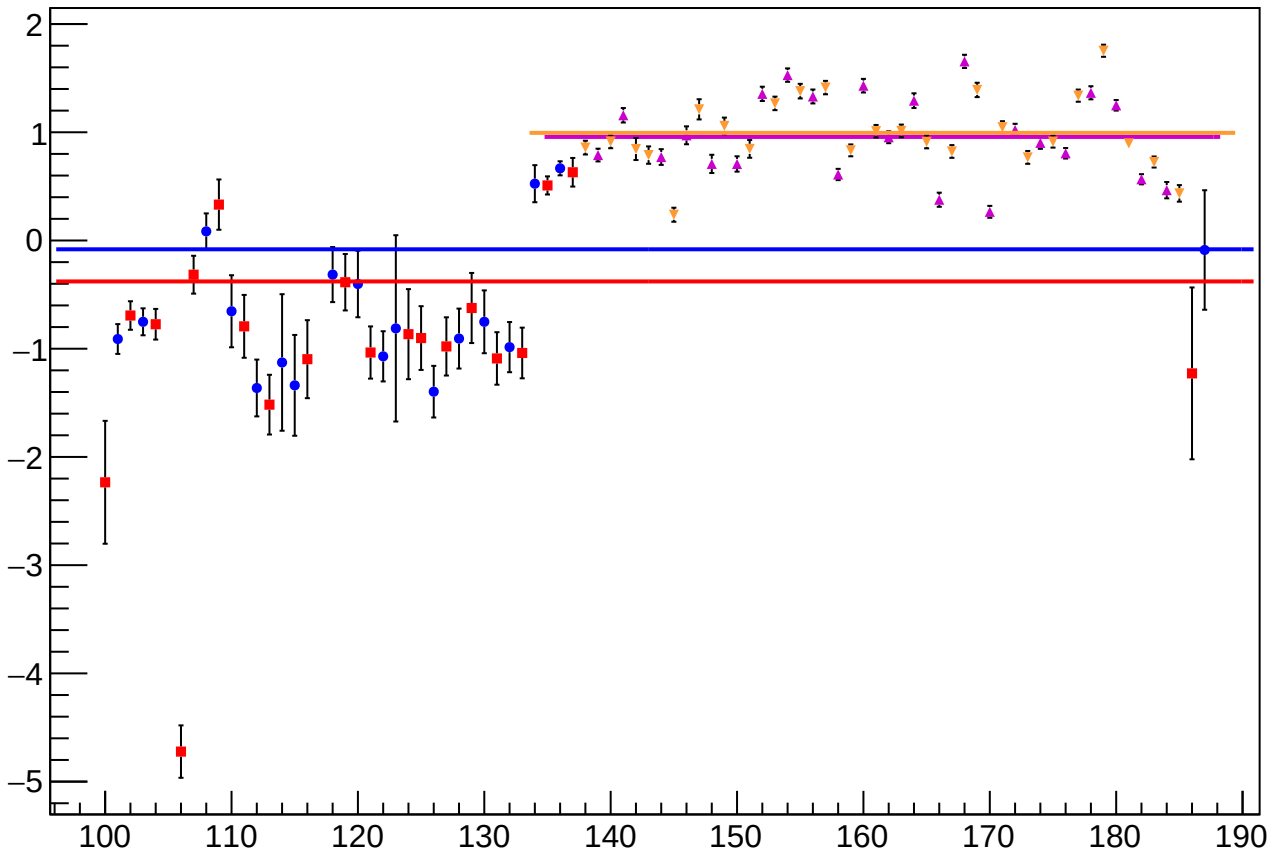
Left In: -109.126 ± 0.279 χ^2/NDF : 1578.7/22

+ sign -109.100 ± 0.258 χ^2/NDF : 1663.2/42

All: -108.894 ± 0.185 χ^2/NDF : 4294.0/85

- sign -108.675 ± 0.265 χ^2/NDF : 2629.4/42

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/17

Left Out: 0.995 ± 0.012 χ^2/NDF : 635.3/24

Right Out: -0.378 ± 0.044 χ^2/NDF : 584.2/19

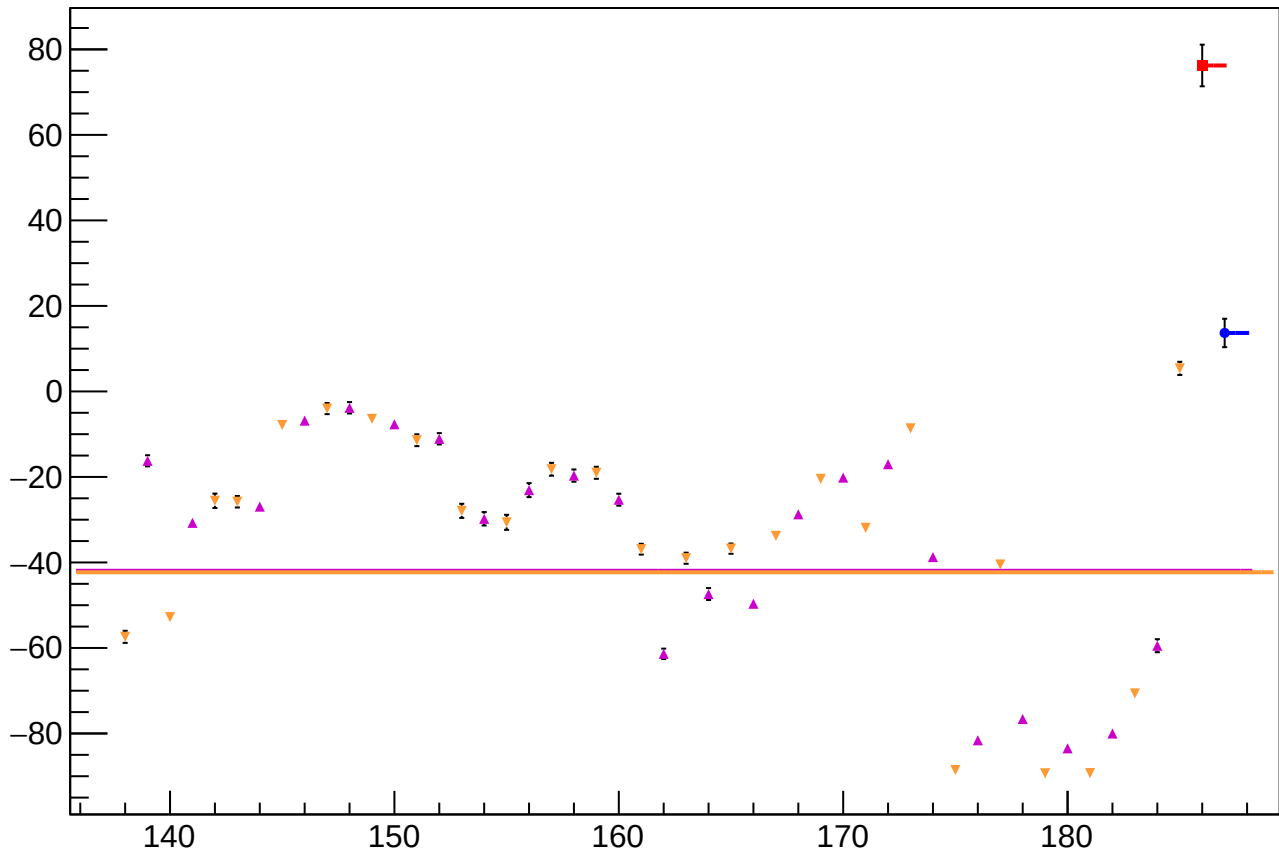
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.908 ± 0.012 χ^2/NDF : 1566.5/42

All: 0.882 ± 0.008 χ^2/NDF : 3914.3/85

- sign 0.855 ± 0.012 χ^2/NDF : 2338.0/42

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: 13.675+/-3.323 χ^2/NDF : 0.0/0

Left Out: -42.295+/-0.222 χ^2/NDF :18267.5/24

Right Out: 76.234+/-4.867 χ^2/NDF : 0.0/0

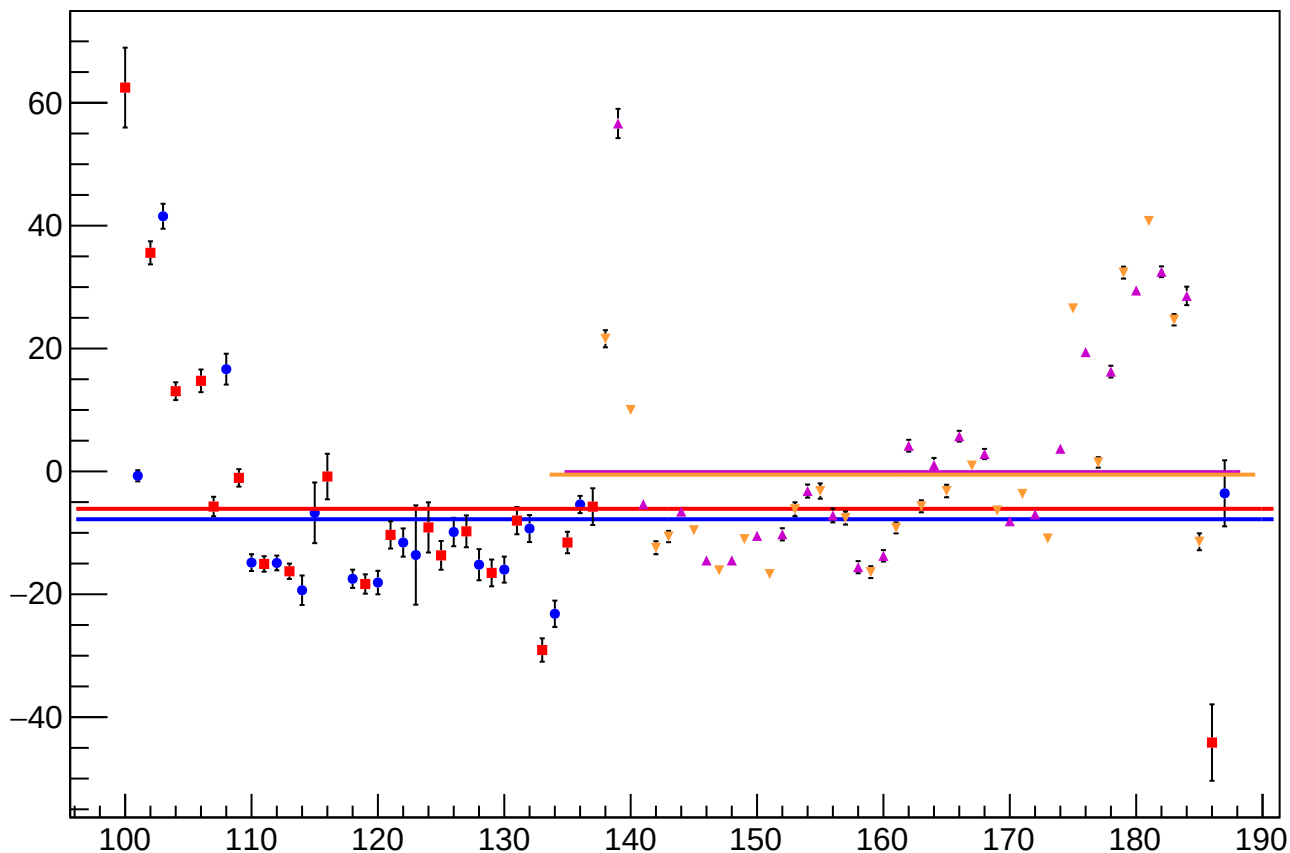
Left In: -41.955+/-0.226 χ^2/NDF :14723.4/22

+ sign -42.045+/-0.222 χ^2/NDF : 18549.9/25

All: -41.876+/-0.158 χ^2/NDF : 33863.0/49

- sign -41.701+/-0.226 χ^2/NDF : 15311.9/23

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.785 ± 0.426 $\chi^2/\text{NDF}: 983.4/17$

Left Out: -0.527 ± 0.175 $\chi^2/\text{NDF}: 8707.9/24$

Right Out: -6.089 ± 0.428 $\chi^2/\text{NDF}: 1330.6/19$

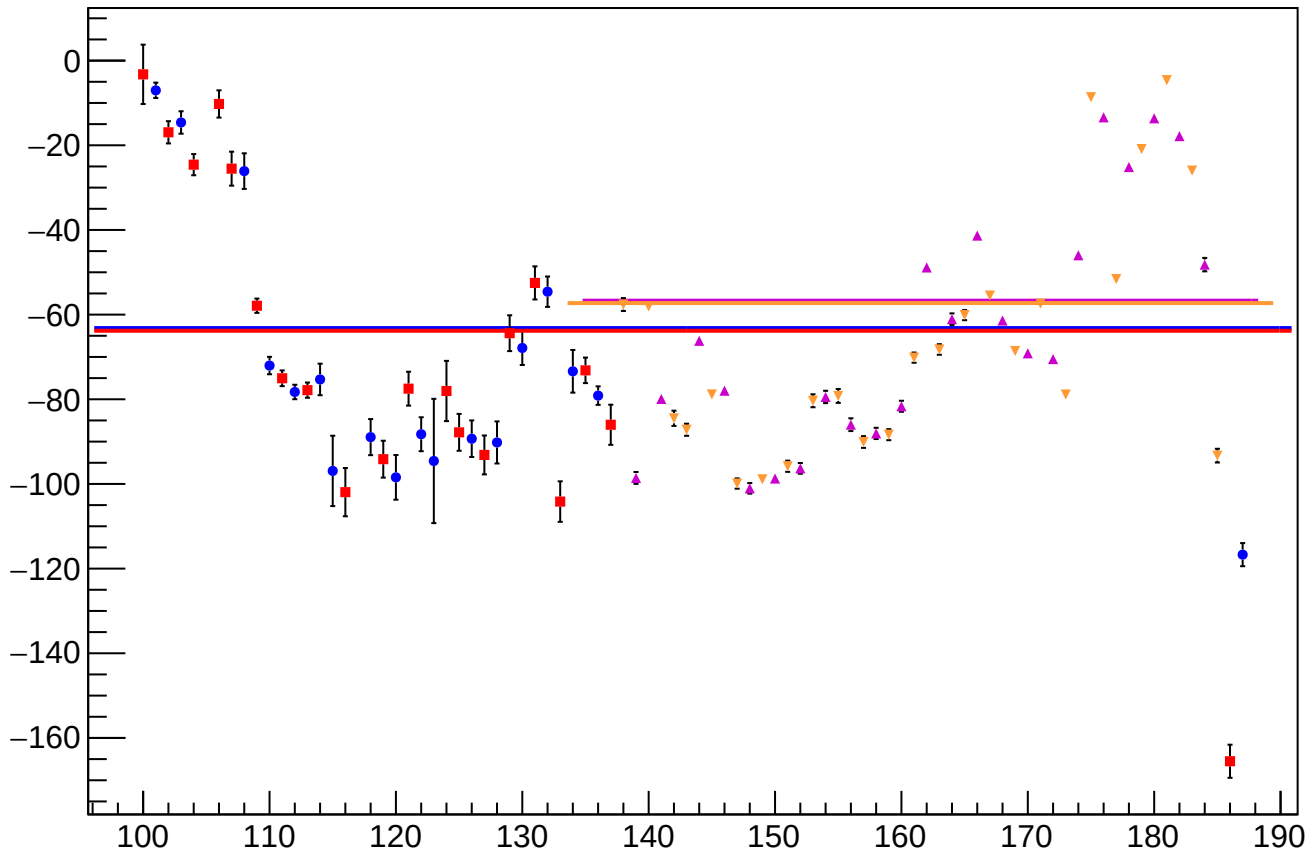
Left In: -0.125 ± 0.179 $\chi^2/\text{NDF}: 6925.0/22$

+ sign -1.572 ± 0.162 $\chi^2/\text{NDF}: 9939.8/42$

All: -1.296 ± 0.115 $\chi^2/\text{NDF}: 18366.8/85$

- sign -1.009 ± 0.165 $\chi^2/\text{NDF}: 8421.0/42$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -63.180+/-0.718 χ^2/NDF : 2132.6/17

Left Out: -57.276+/-0.224 χ^2/NDF : 18511.1/24

Right Out: -63.812+/-0.693 χ^2/NDF : 2082.5/19

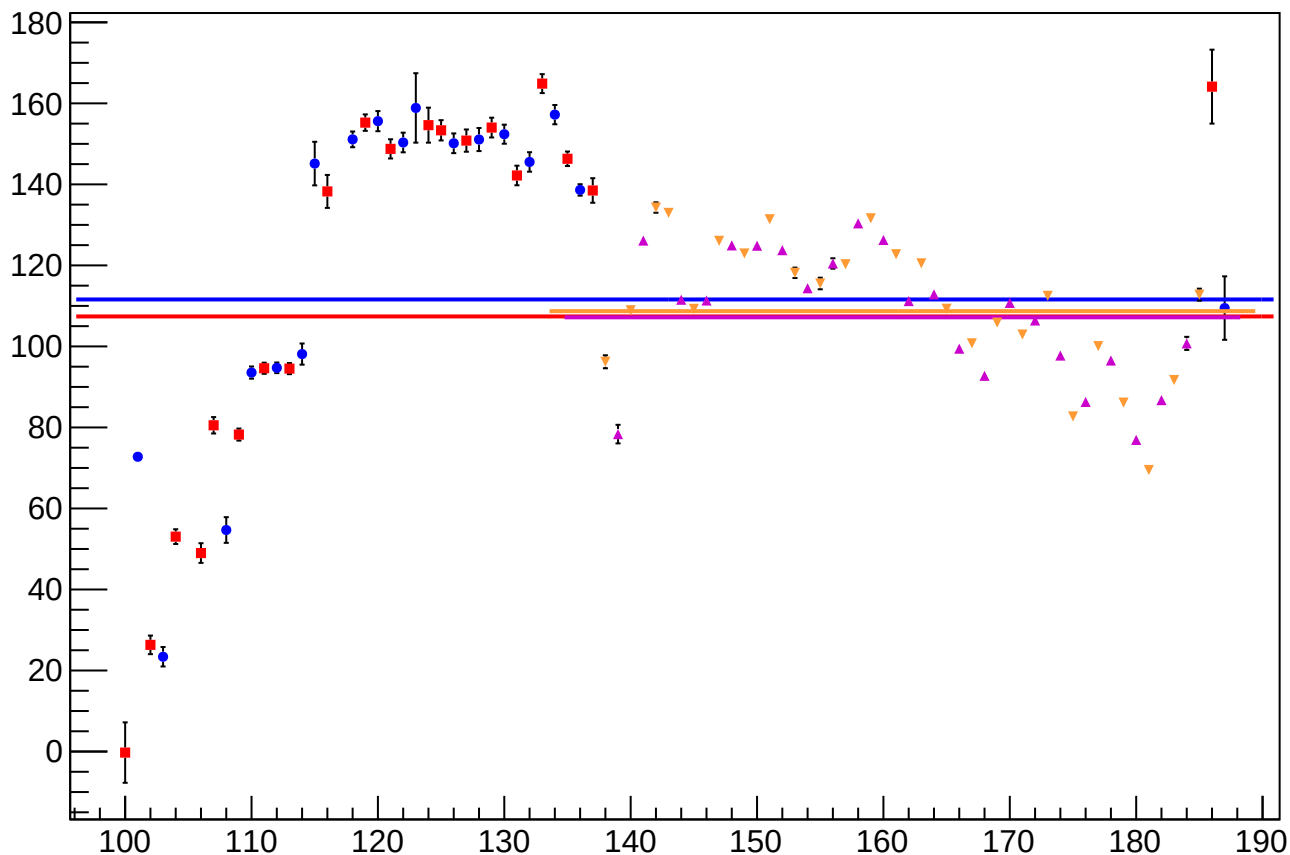
Left In: -56.705+/-0.226 χ^2/NDF : 16547.5/22

+ sign -57.798+/-0.213 χ^2/NDF : 20705.4/42

All: -57.595+/-0.151 χ^2/NDF : 39432.4/85

- sign -57.388+/-0.215 χ^2/NDF : 18725.1/42

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.590 $\pm$ 0.486 χ^2 /NDF: 5959.6/17

Left Out: 108.709 $\pm$ 0.198 χ^2 /NDF: 7297.0/24

Right Out: 107.400 $\pm$ 0.487 χ^2 /NDF: 7076.2/19

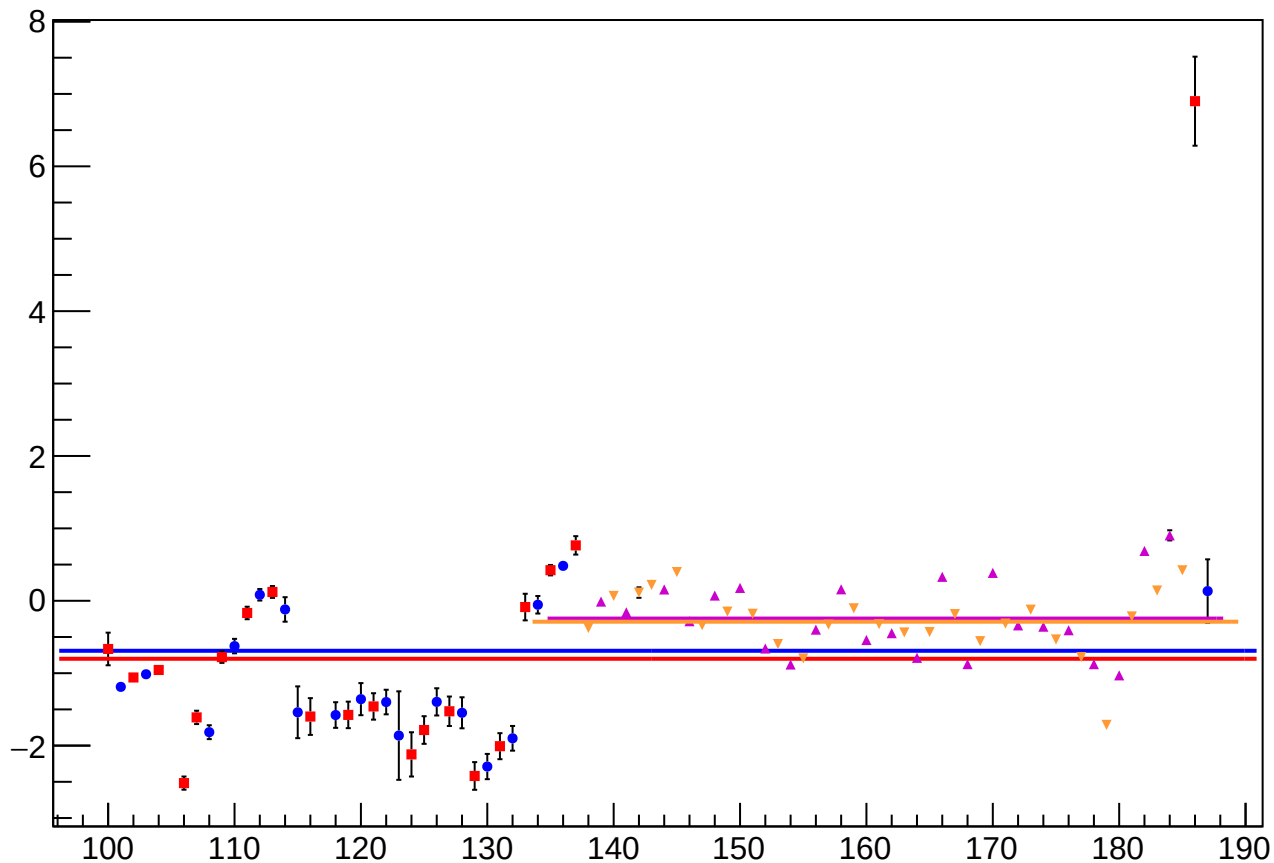
Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

+ sign 109.118 $\pm$ 0.183 χ^2 /NDF: 13286.7/42

All: 108.182 $\pm$ 0.131 χ^2 /NDF: 26008.6/85

- sign 107.212 $\pm$ 0.186 χ^2 /NDF: 12668.7/42

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.690 ± 0.026 χ^2/NDF : 996.6/17

Left Out: -0.289 ± 0.009 χ^2/NDF : 2039.6/24

Right Out: -0.801 ± 0.024 χ^2/NDF : 1467.8/19

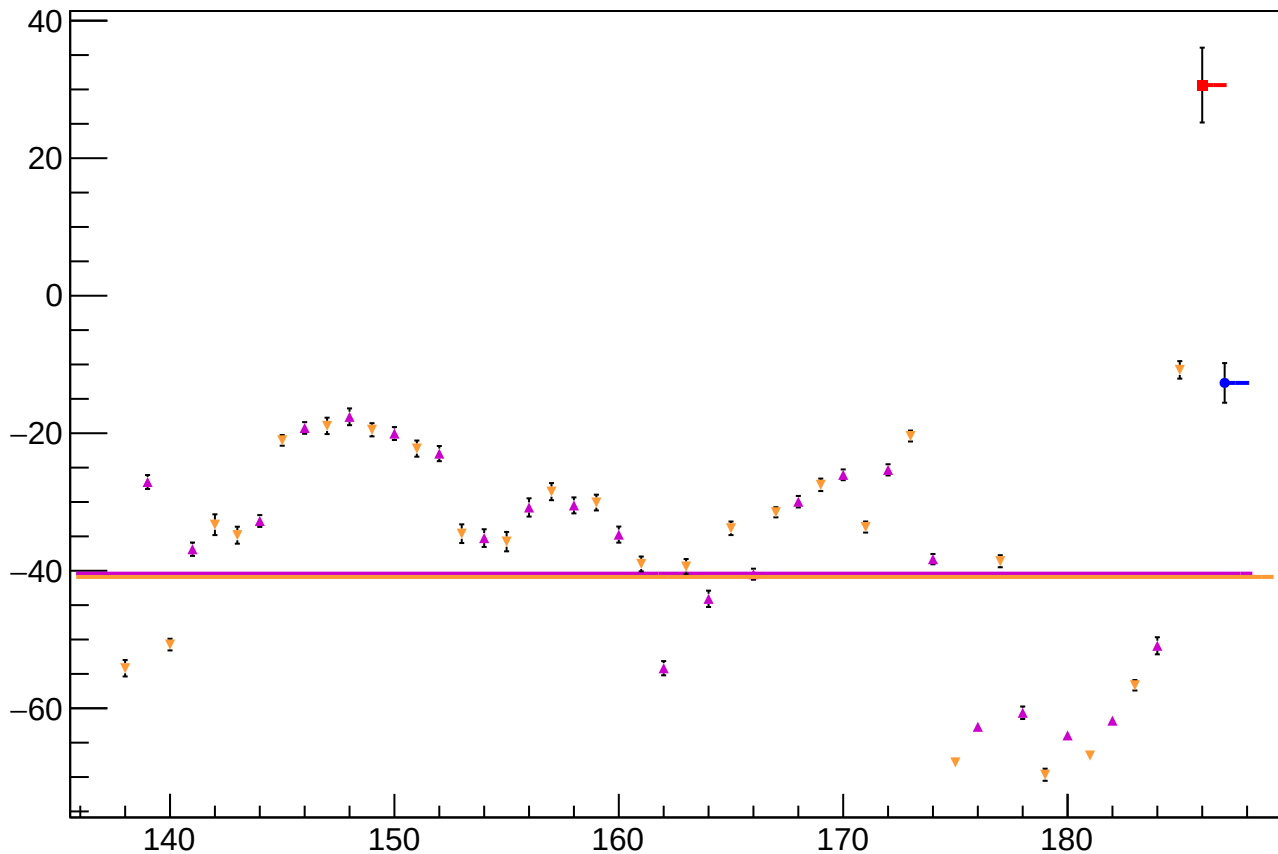
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.333 ± 0.009 χ^2/NDF : 3252.7/42

All: -0.324 ± 0.006 χ^2/NDF : 7982.9/85

- sign -0.315 ± 0.009 χ^2/NDF : 4727.9/42

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -12.681 ± 2.883 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -40.897 ± 0.186 $\chi^2/\text{NDF}: 9114.7/24$

Right Out: 30.633 ± 5.441 $\chi^2/\text{NDF}: 0.0/0$

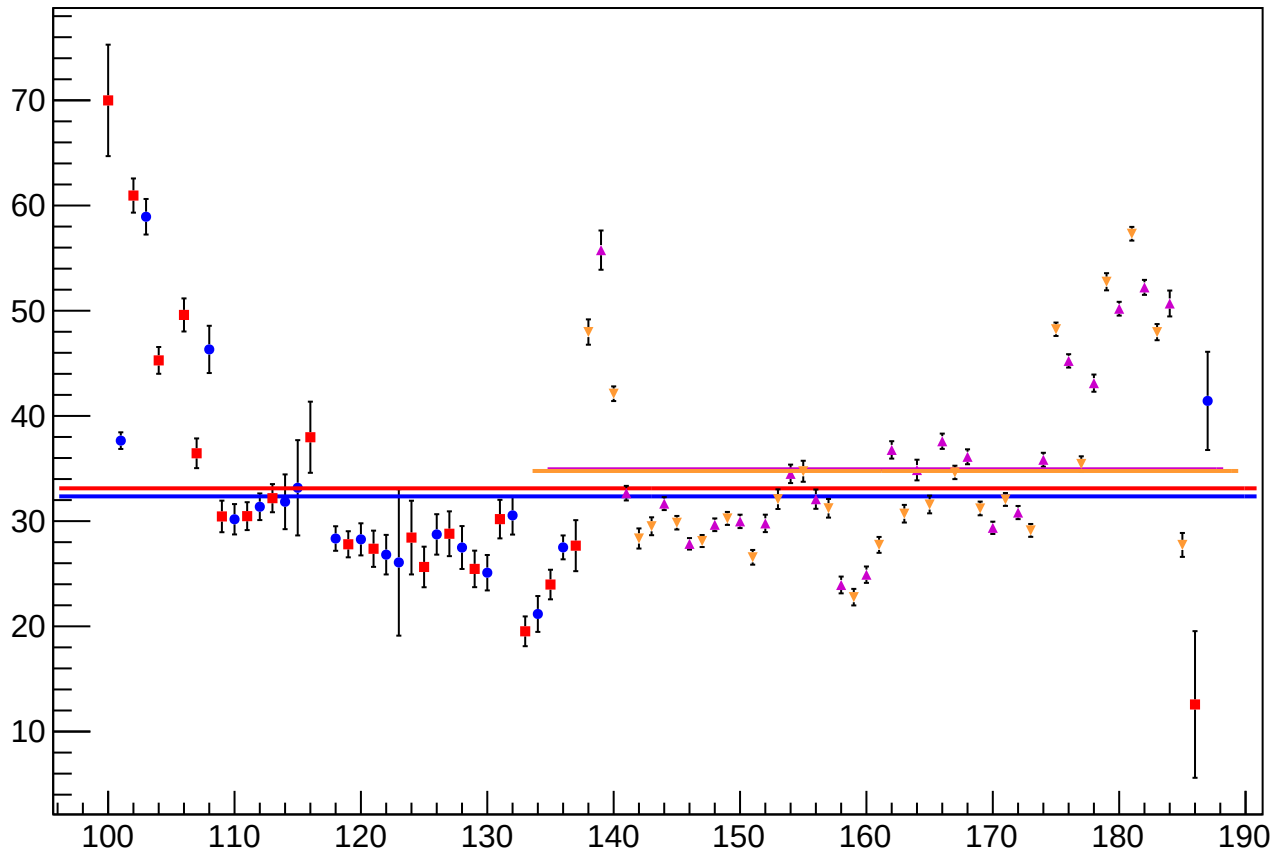
Left In: -40.422 ± 0.189 $\chi^2/\text{NDF}: 7030.2/22$

+ sign -40.779 ± 0.186 $\chi^2/\text{NDF}: 9210.1/25$

All: -40.561 ± 0.132 $\chi^2/\text{NDF}: 16413.4/49$

- sign -40.336 ± 0.189 $\chi^2/\text{NDF}: 7200.5/23$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.353+/-0.371 χ^2/NDF : 456.0/17

Left Out: 34.768+/-0.148 χ^2/NDF : 3677.3/24

Right Out: 33.119+/-0.379 χ^2/NDF : 779.0/19

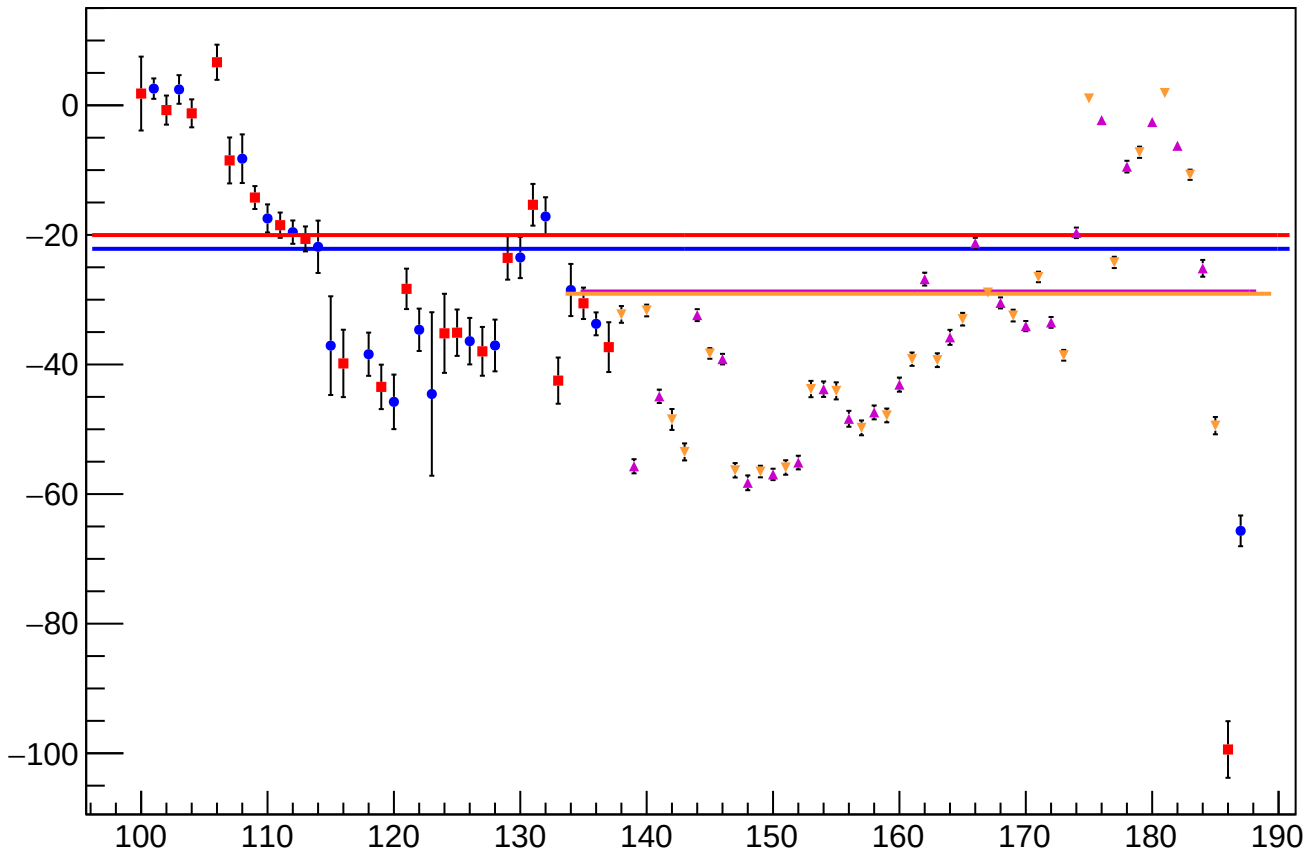
Left In: 34.928+/-0.151 χ^2/NDF : 2688.4/22

+ sign 34.438+/-0.137 χ^2/NDF : 4169.9/42

All: 34.556+/-0.098 χ^2/NDF : 7658.5/85

- sign 34.679+/-0.140 χ^2/NDF : 3487.1/42

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -22.149 ± 0.641 χ^2/NDF : 883.3/17

Left Out: -29.080 ± 0.187 χ^2/NDF : 10059.5/24

Right Out: -20.028 ± 0.637 χ^2/NDF : 809.9/19

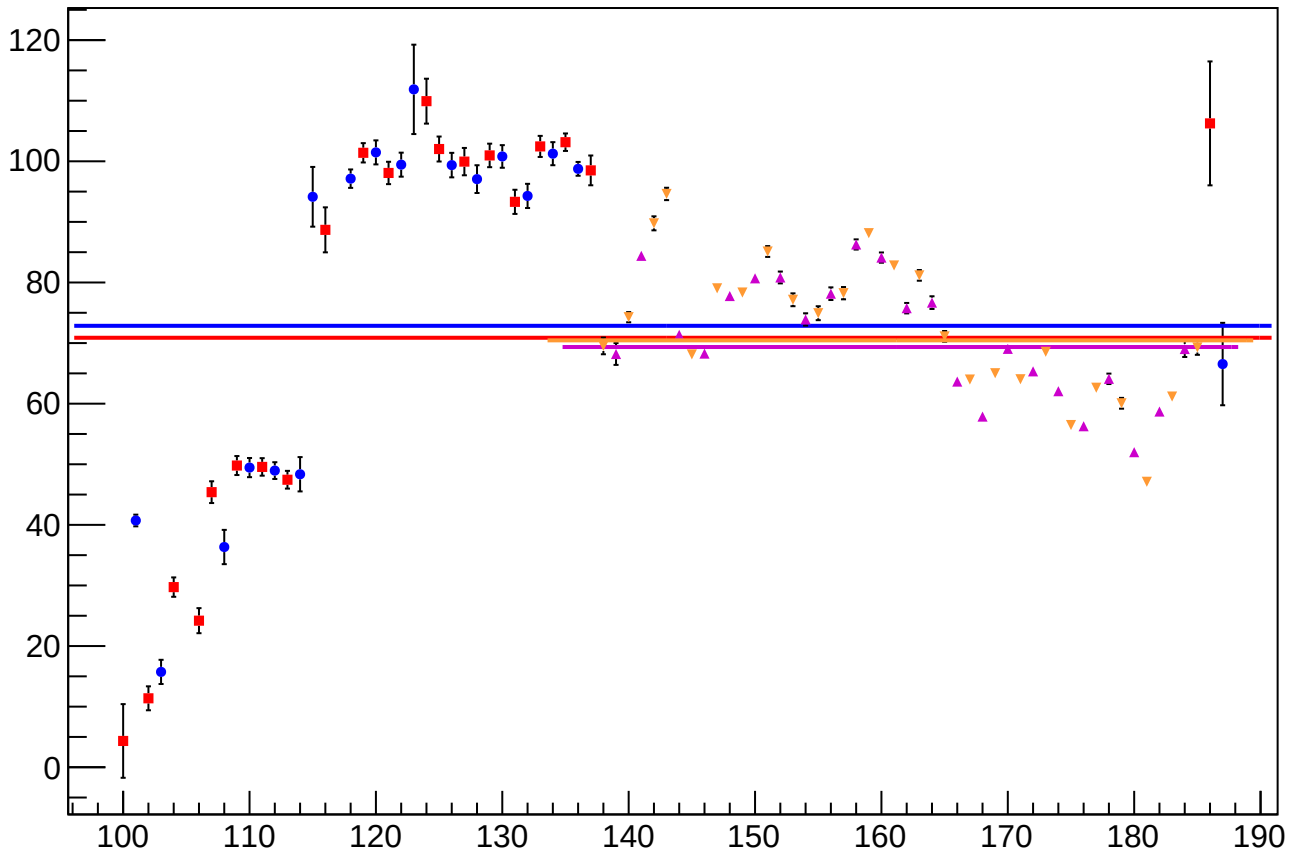
Left In: -28.735 ± 0.189 χ^2/NDF : 9155.5/22

+ sign -28.535 ± 0.180 χ^2/NDF : 11050.6/42

All: -28.285 ± 0.128 χ^2/NDF : 21191.8/85

- sign -28.031 ± 0.181 χ^2/NDF : 10137.3/42

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.850 $\pm$ 0.425 χ^2/NDF : 4738.8/17

Left Out: 70.450 $\pm$ 0.167 χ^2/NDF : 4484.7/24

Right Out: 70.879 $\pm$ 0.433 χ^2/NDF : 5501.3/19

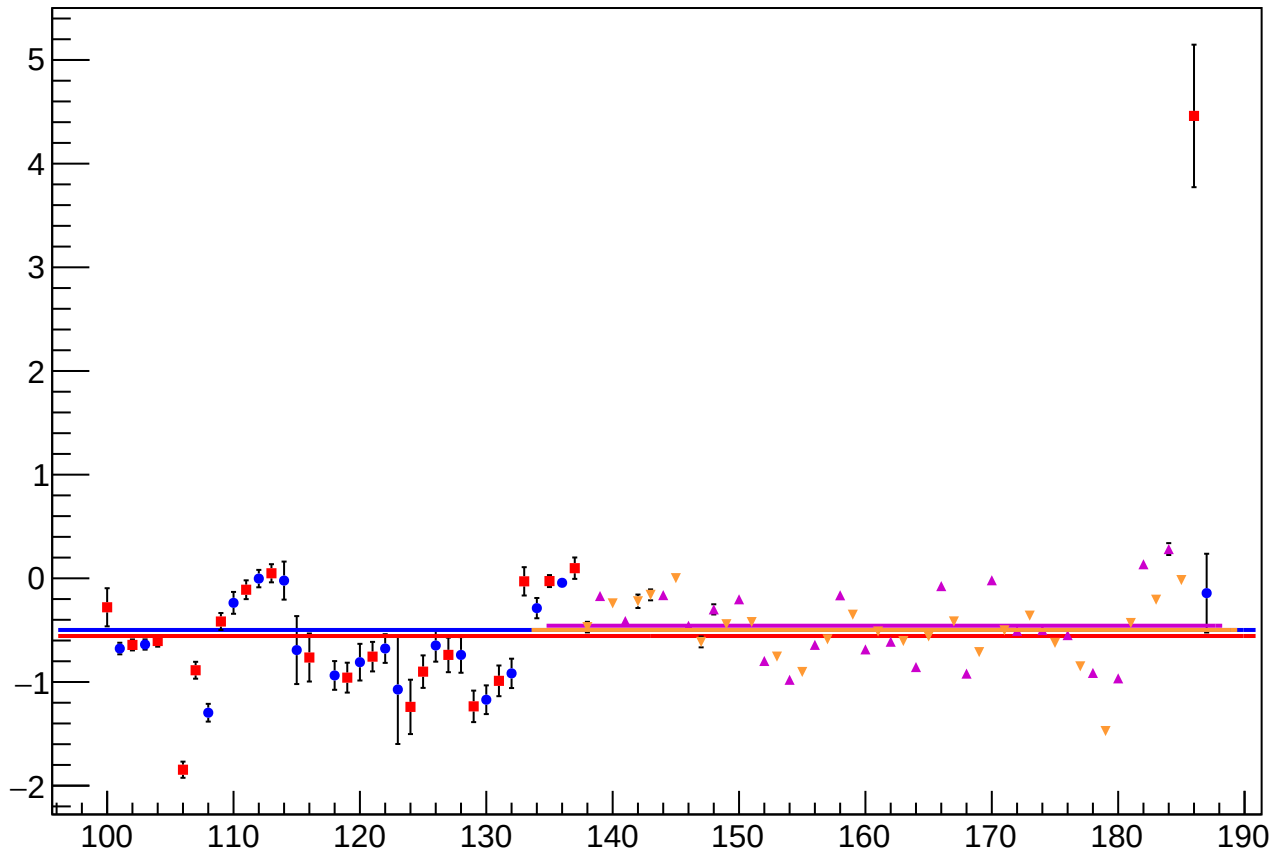
Left In: 69.350 $\pm$ 0.170 χ^2/NDF : 3330.7/22

+ sign 70.769 $\pm$ 0.155 χ^2/NDF : 9251.1/42

All: 70.173 $\pm$ 0.111 χ^2/NDF : 18124.1/85

- sign 69.554 $\pm$ 0.158 χ^2/NDF : 8842.8/42

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498 ± 0.022 χ^2/NDF : 304.4/17

Left Out: -0.498 ± 0.008 χ^2/NDF : 1440.7/24

Right Out: -0.556 ± 0.021 χ^2/NDF : 615.7/19

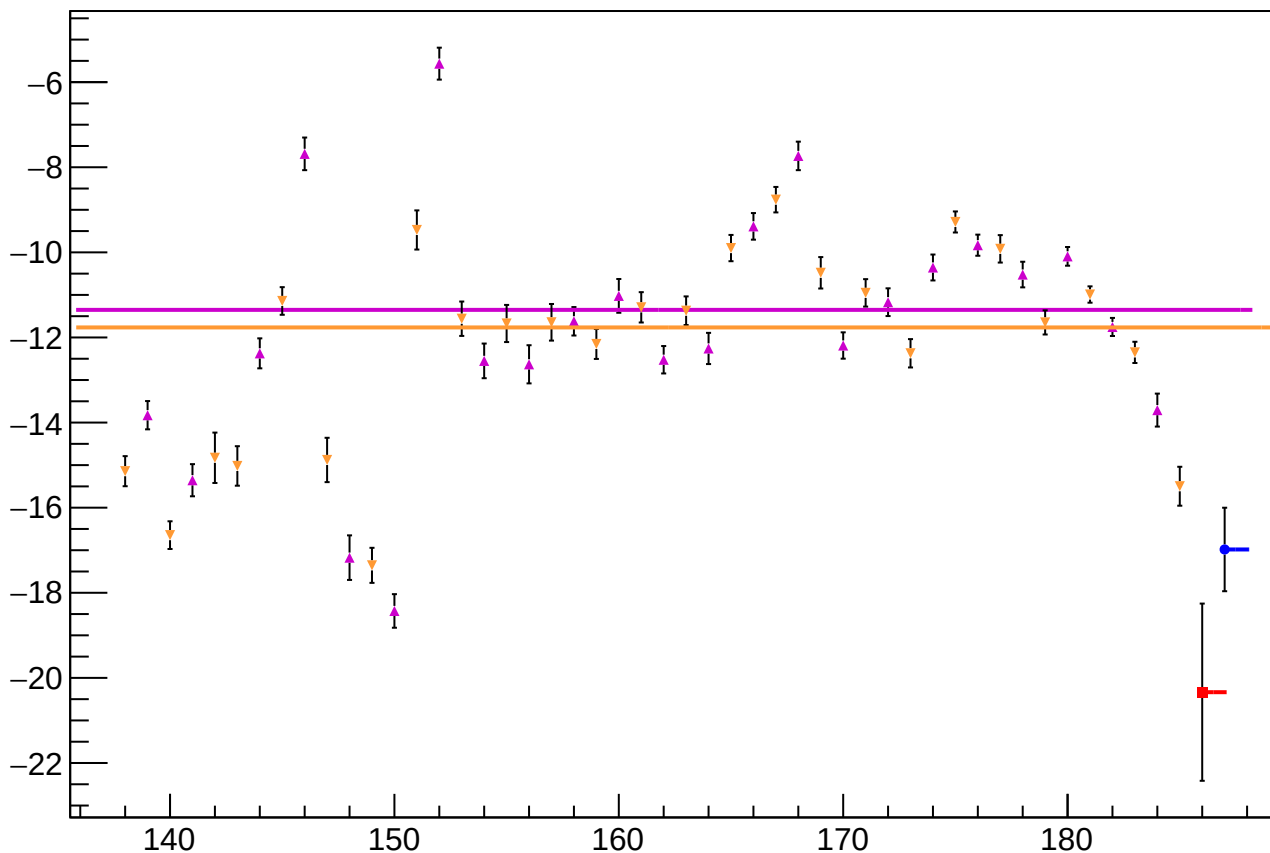
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.498 ± 0.007 χ^2/NDF : 1745.1/42

All: -0.483 ± 0.005 χ^2/NDF : 4363.4/85

- sign -0.468 ± 0.007 χ^2/NDF : 2610.0/42

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -16.982 ± 0.981 χ^2/NDF : 0.0/0

Left Out: -11.764 ± 0.067 χ^2/NDF : 1025.9/24

Right Out: -20.336 ± 2.082 χ^2/NDF : 0.0/0

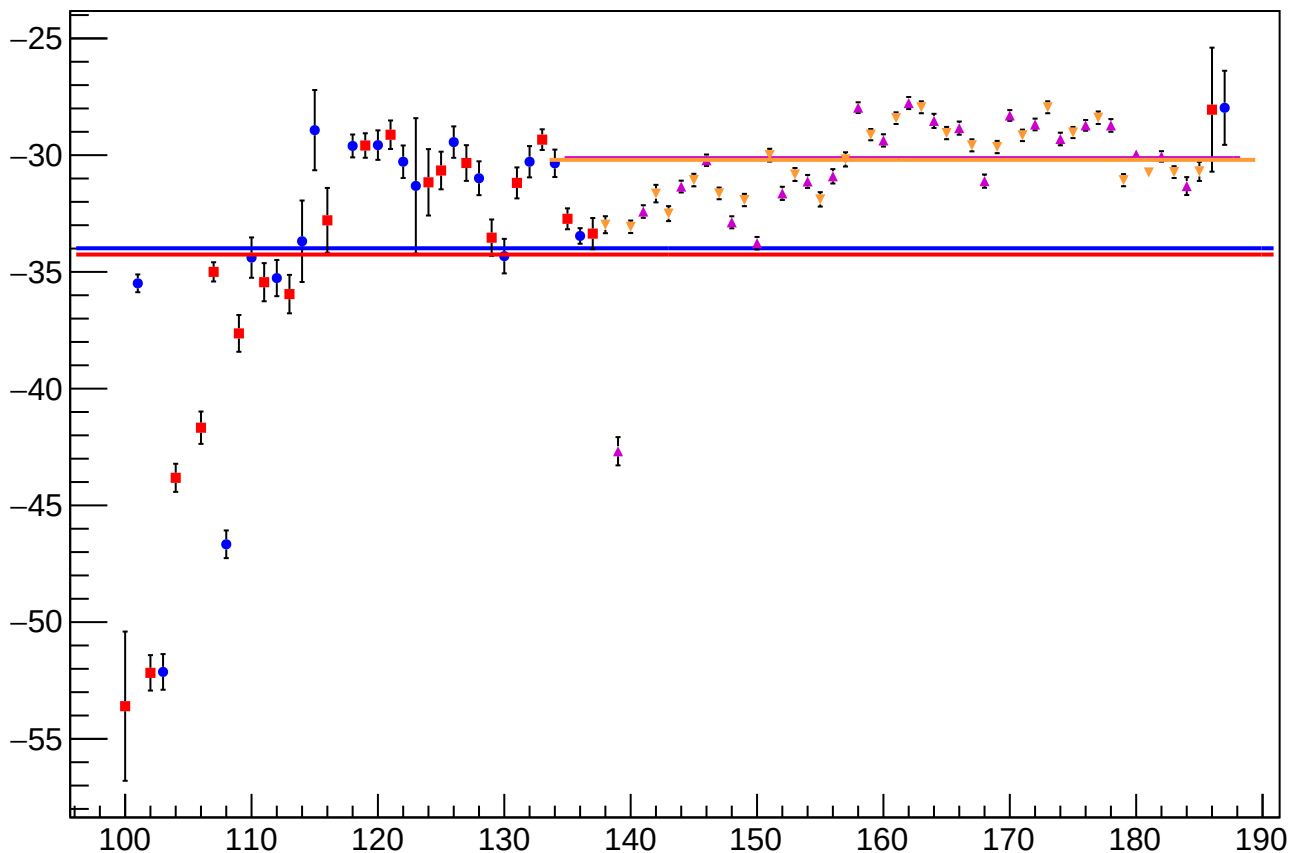
Left In: -11.352 ± 0.068 χ^2/NDF : 1280.6/22

+ sign -11.788 ± 0.067 χ^2/NDF : 1054.0/25

All: -11.578 ± 0.047 χ^2/NDF : 2373.5/49

- sign -11.361 ± 0.068 χ^2/NDF : 1299.2/23

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -33.987 ± 0.150 $\chi^2/\text{NDF}: 1355.3/17$

Left Out: -30.201 ± 0.054 $\chi^2/\text{NDF}: 725.7/24$

Right Out: -34.257 ± 0.151 $\chi^2/\text{NDF}: 1354.9/19$

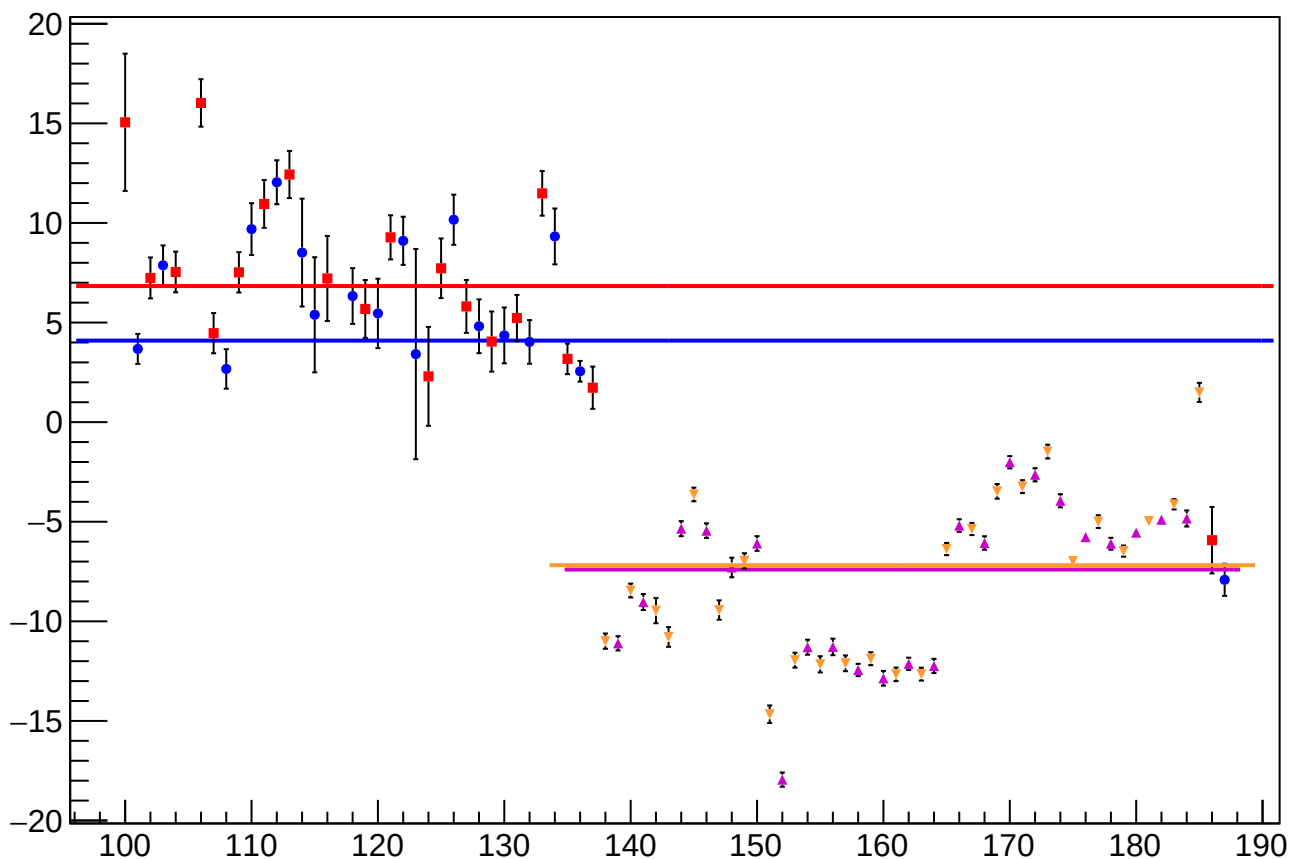
Left In: -30.128 ± 0.055 $\chi^2/\text{NDF}: 1290.4/22$

+ sign -30.635 ± 0.051 $\chi^2/\text{NDF}: 2645.0/42$

All: -30.627 ± 0.036 $\chi^2/\text{NDF}: 5952.8/85$

- sign -30.620 ± 0.052 $\chi^2/\text{NDF}: 3307.7/42$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 4.094 ± 0.256 χ^2/NDF : 378.4/17

Left Out: -7.180 ± 0.067 χ^2/NDF : 3015.8/24

Right Out: 6.833 ± 0.271 χ^2/NDF : 242.6/19

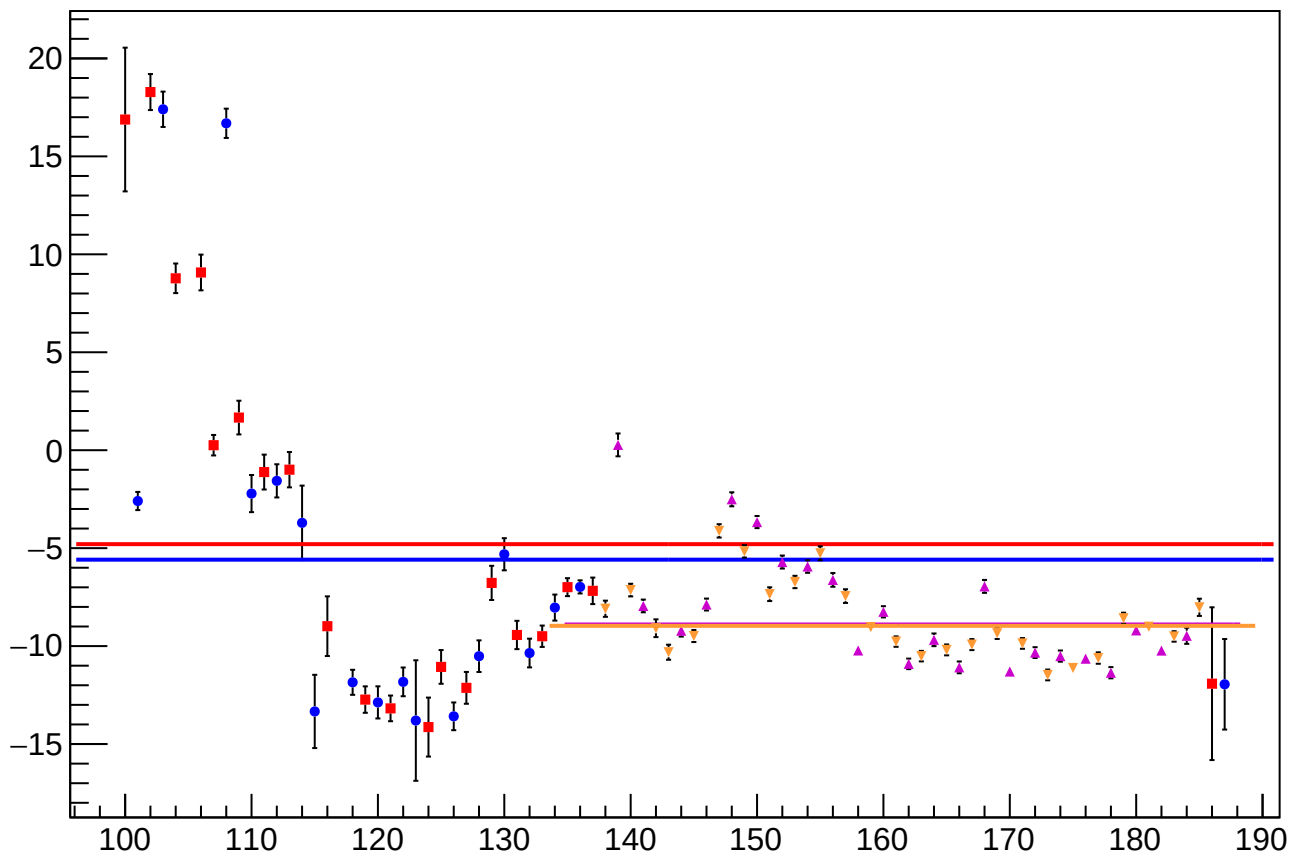
Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

+ sign -6.456 ± 0.065 χ^2/NDF : 5213.8/42

All: -6.510 ± 0.046 χ^2/NDF : 11197.9/85

- sign -6.564 ± 0.066 χ^2/NDF : 5982.7/42

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.588 ± 0.169 χ^2/NDF : 2132.9/17

Left Out: -8.965 ± 0.060 χ^2/NDF : 876.6/24

Right Out: -4.796 ± 0.173 χ^2/NDF : 2043.7/19

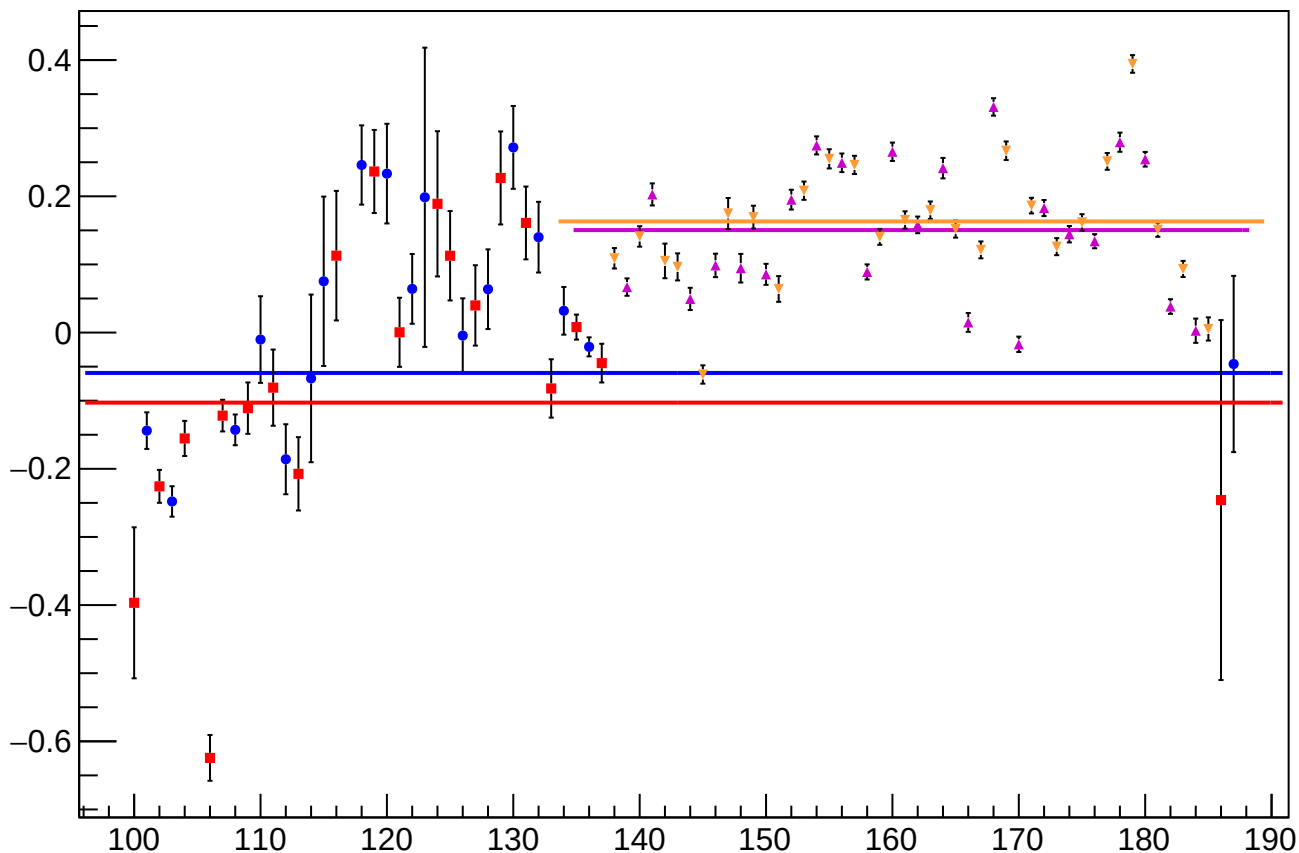
Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

+ sign -8.586 ± 0.057 χ^2/NDF : 3362.3/42

All: -8.512 ± 0.041 χ^2/NDF : 7494.3/85

- sign -8.436 ± 0.058 χ^2/NDF : 4128.6/42

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/17

Left Out: 0.163 ± 0.003 χ^2/NDF : 1011.4/24

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.8/19

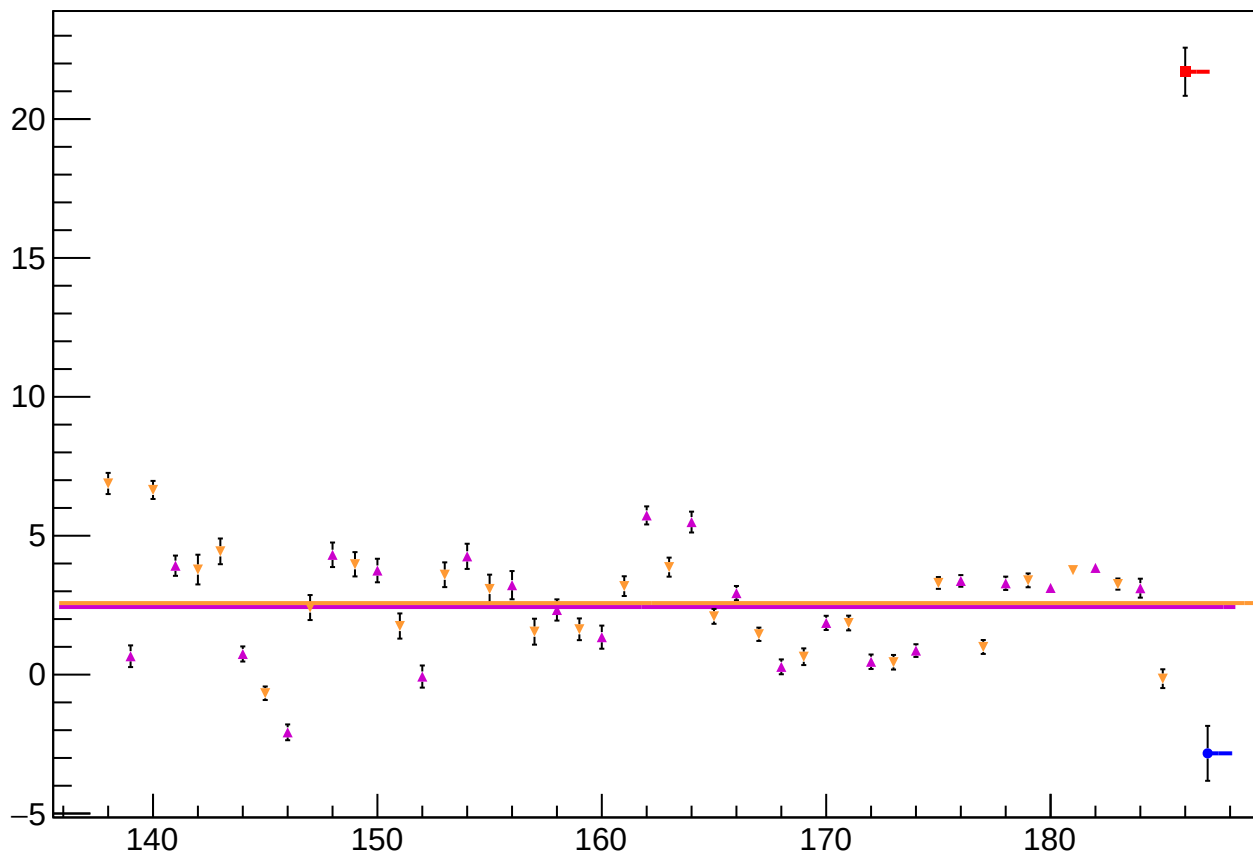
Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

+ sign 0.142 ± 0.003 χ^2/NDF : 1866.9/42

All: 0.134 ± 0.002 χ^2/NDF : 4435.6/85

- sign 0.126 ± 0.003 χ^2/NDF : 2550.3/42

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: -2.834 ± 0.988 χ^2/NDF : 0.0/0

Left Out: 2.575 ± 0.058 χ^2/NDF : 868.1/24

Right Out: 21.703 ± 0.867 χ^2/NDF : 0.0/0

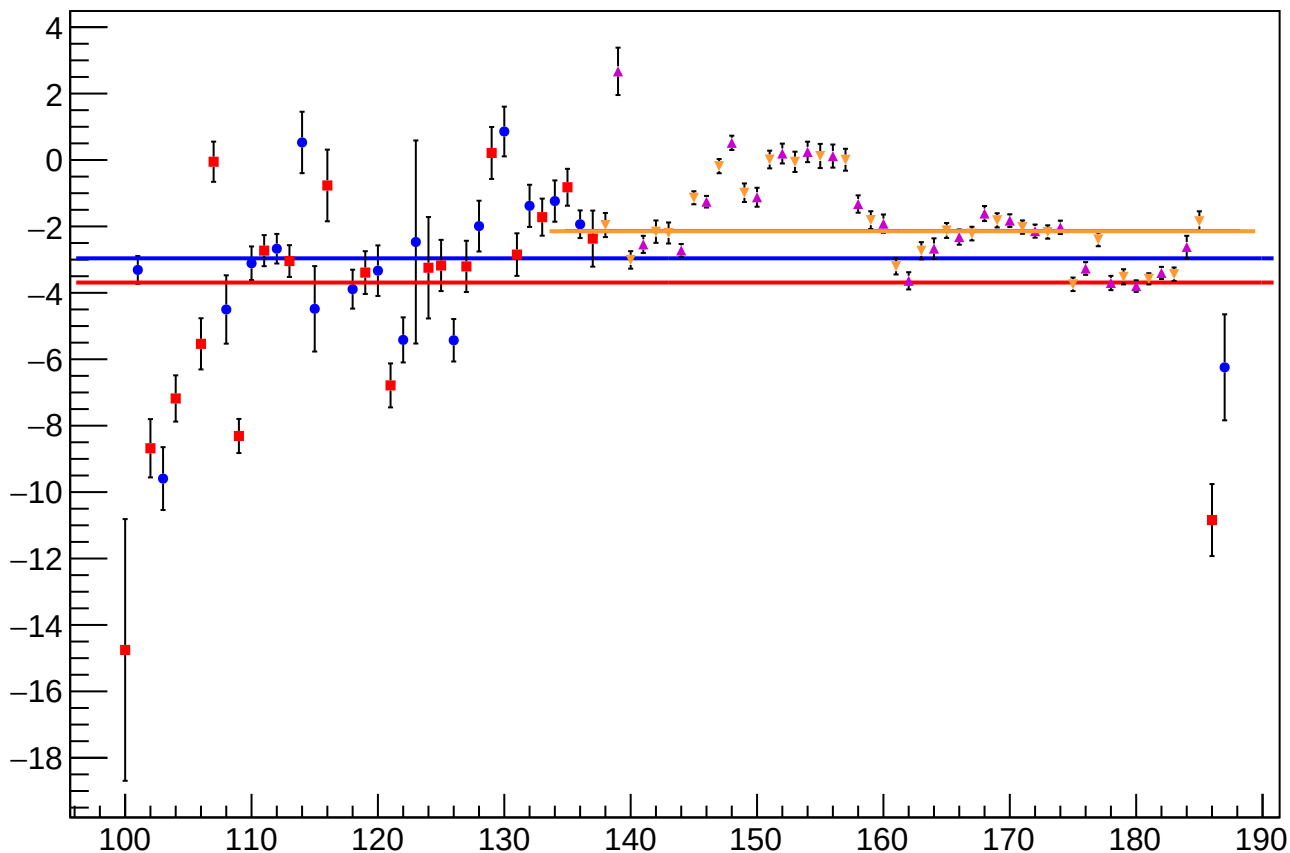
Left In: 2.433 ± 0.059 χ^2/NDF : 882.9/22

+ sign 2.557 ± 0.058 χ^2/NDF : 897.9/25

All: 2.540 ± 0.041 χ^2/NDF : 2273.3/49

- sign 2.522 ± 0.059 χ^2/NDF : 1375.2/23

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.961 ± 0.153 χ^2/NDF : 150.8/17

Left Out: -2.145 ± 0.048 χ^2/NDF : 572.6/24

Right Out: -3.690 ± 0.153 χ^2/NDF : 336.1/19

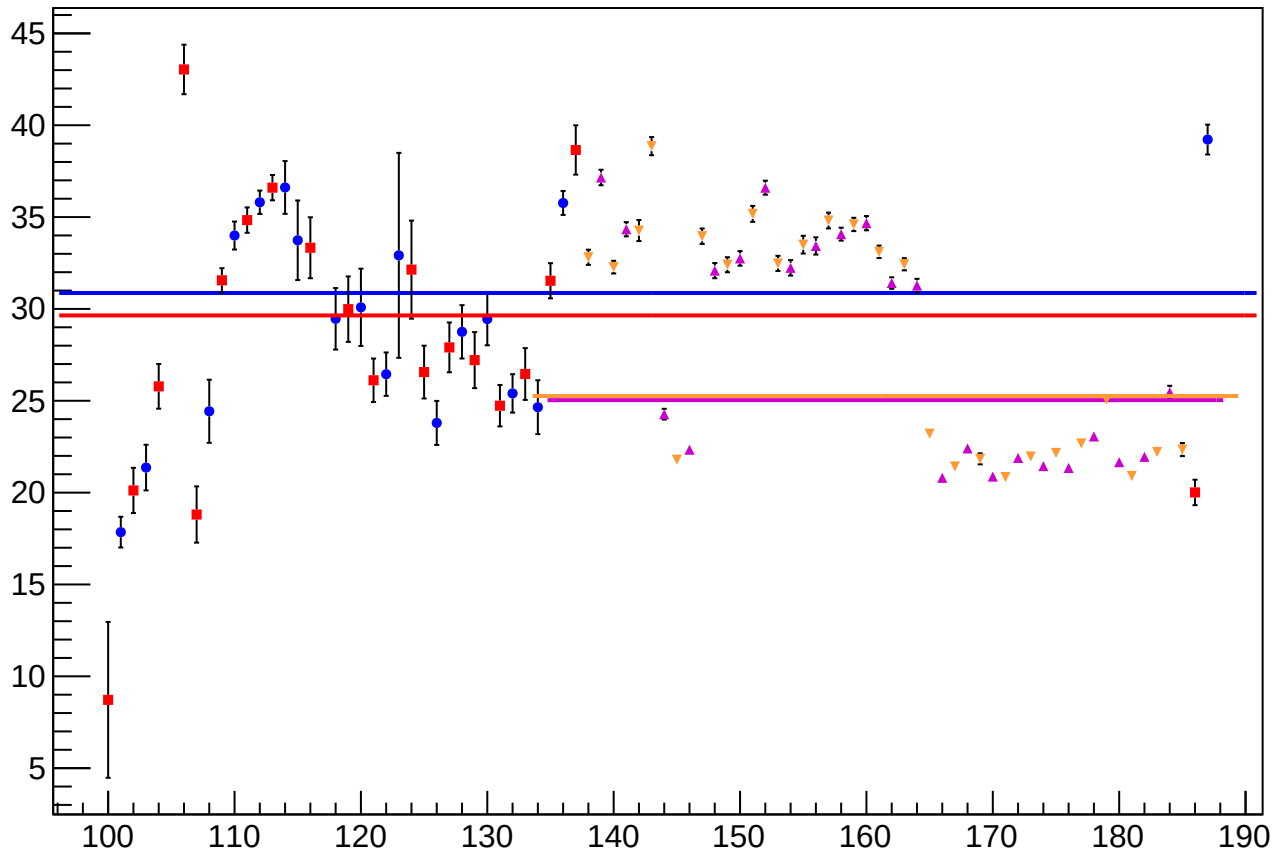
Left In: -2.137 ± 0.048 χ^2/NDF : 693.6/22

+ sign -2.217 ± 0.046 χ^2/NDF : 749.2/42

All: -2.247 ± 0.032 χ^2/NDF : 1873.4/85

- sign -2.277 ± 0.046 χ^2/NDF : 1123.2/42

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 30.869 $\pm$ 0.253 χ^2 /NDF: 671.4/17

Left Out: 25.258 $\pm$ 0.059 χ^2 /NDF:8135.5/24

Right Out: 29.646 $\pm$ 0.243 χ^2 /NDF: 699.7/19

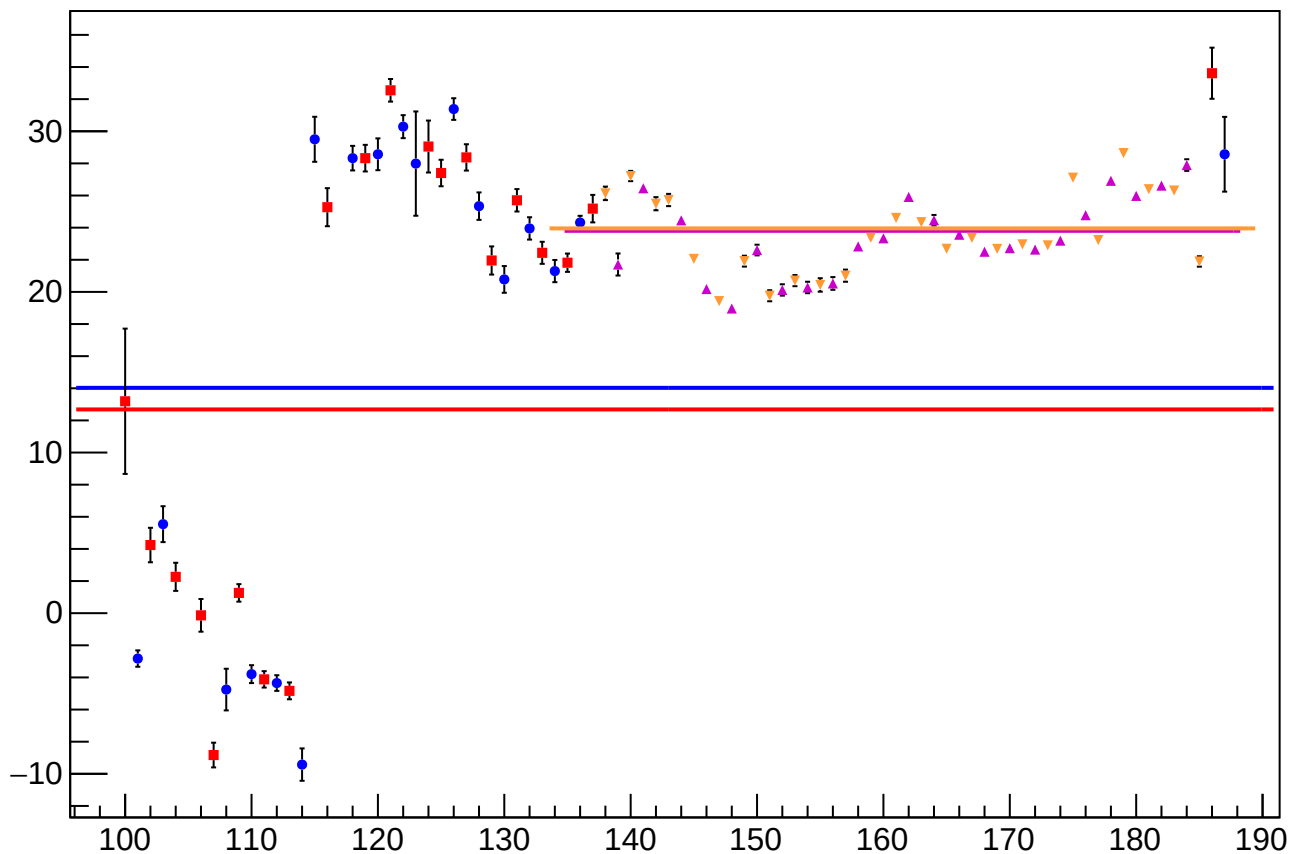
Left In: 25.034 $\pm$ 0.059 χ^2 /NDF:7690.0/22

+ sign 25.546 $\pm$ 0.057 χ^2 /NDF: 9272.1/42

All: 25.420 $\pm$ 0.041 χ^2 /NDF: 18010.2/85

- sign 25.293 $\pm$ 0.058 χ^2 /NDF: 8728.4/42

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.028 $\pm$ 0.171 χ^2 /NDF: 7431.1/17

Left Out: 23.953 $\pm$ 0.053 χ^2 /NDF:1915.9/24

Right Out: 12.684 $\pm$ 0.173 χ^2 /NDF: 7137.9/19

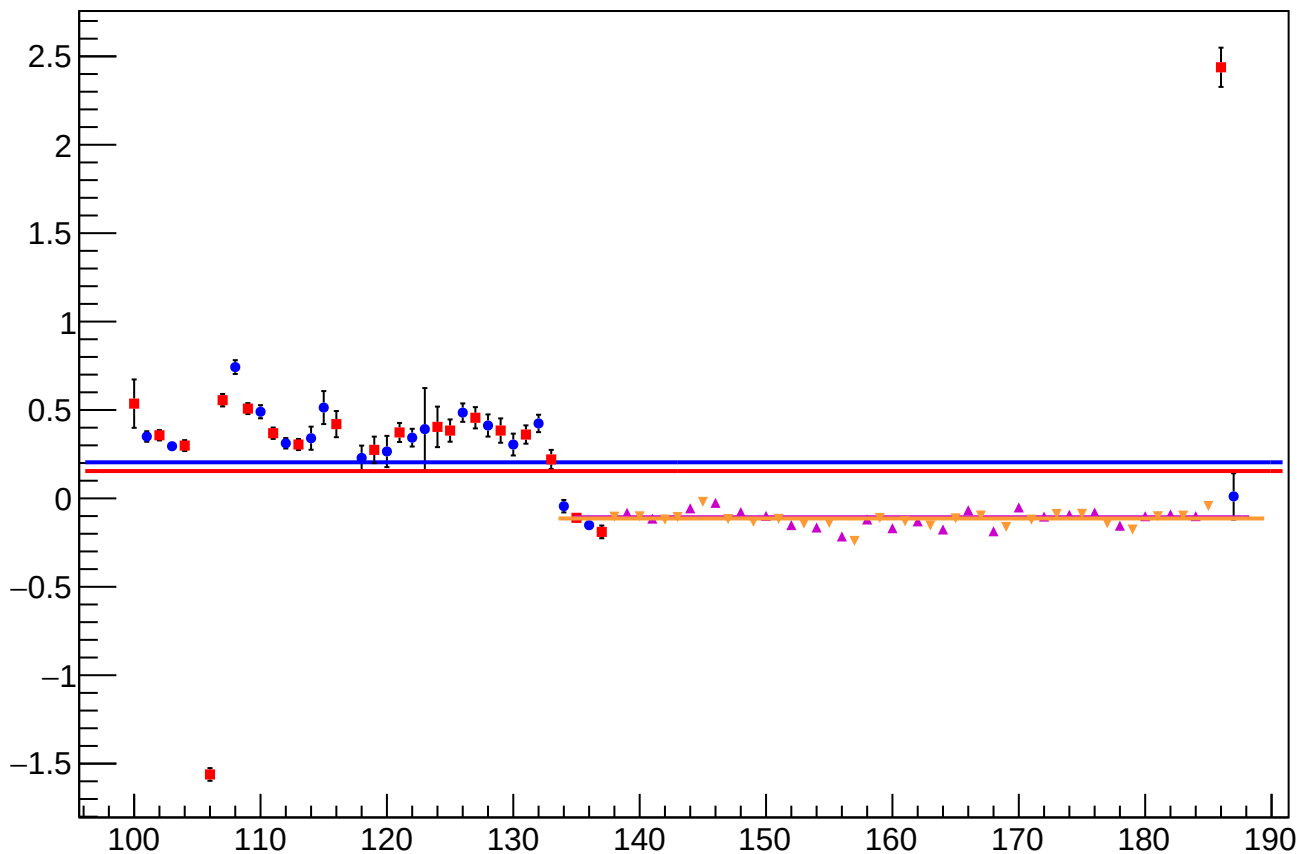
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.082 $\pm$ 0.051 χ^2 /NDF: 12402.8/42

All: 22.951 $\pm$ 0.036 χ^2 /NDF: 25094.6/85

- sign 22.817 $\pm$ 0.051 χ^2 /NDF: 12678.4/42

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.204 ± 0.009 χ^2/NDF : 848.3/17

Left Out: -0.114 ± 0.002 χ^2/NDF : 290.8/24

Right Out: 0.155 ± 0.009 χ^2/NDF : 3443.3/19

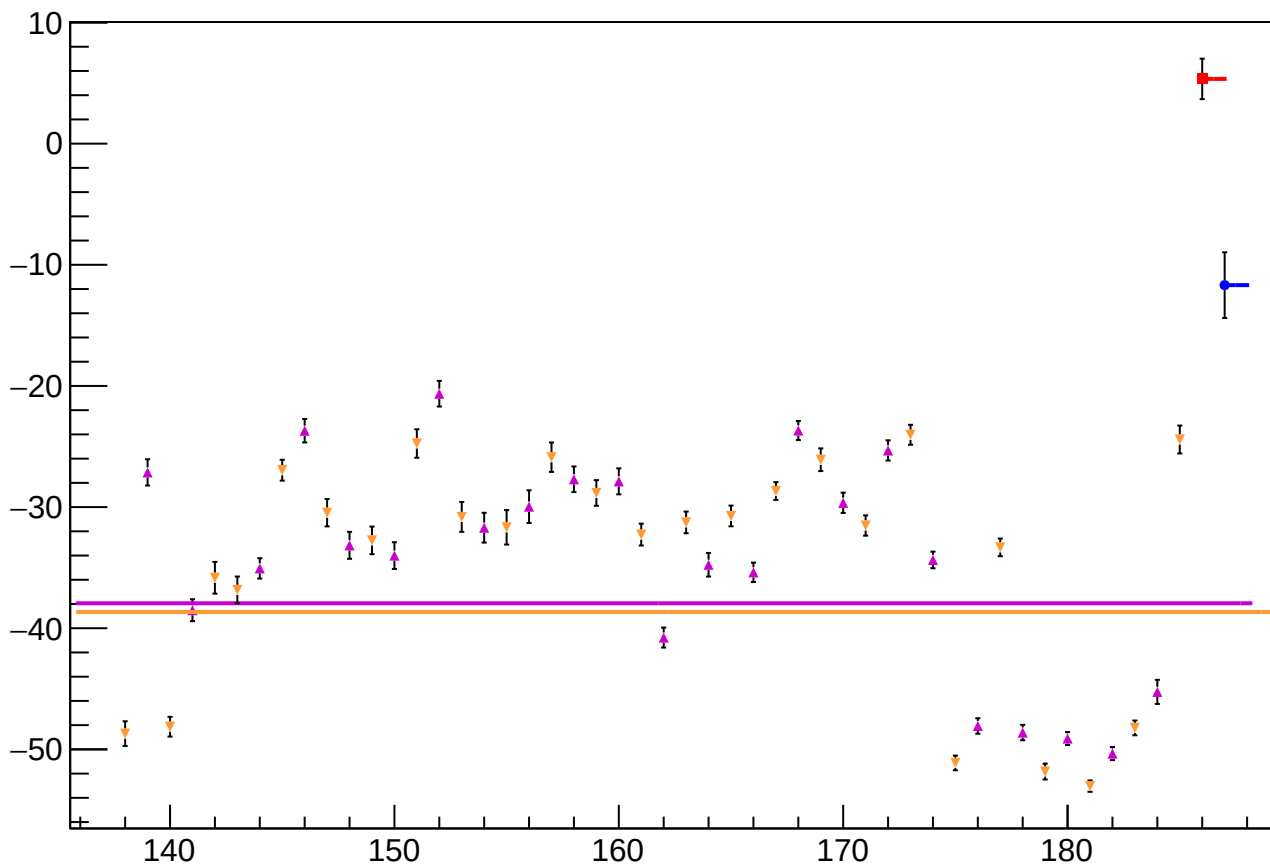
Left In: -0.107 ± 0.002 χ^2/NDF : 322.0/22

+ sign -0.093 ± 0.002 χ^2/NDF : 2223.7/42

All: -0.091 ± 0.002 χ^2/NDF : 6748.7/85

- sign -0.089 ± 0.002 χ^2/NDF : 4523.4/42

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -11.678 ± 2.711 χ^2/NDF : 0.0/0

Left Out: -38.660 ± 0.169 χ^2/NDF : 4073.8/24

Right Out: 5.346 ± 1.669 χ^2/NDF : 0.0/0

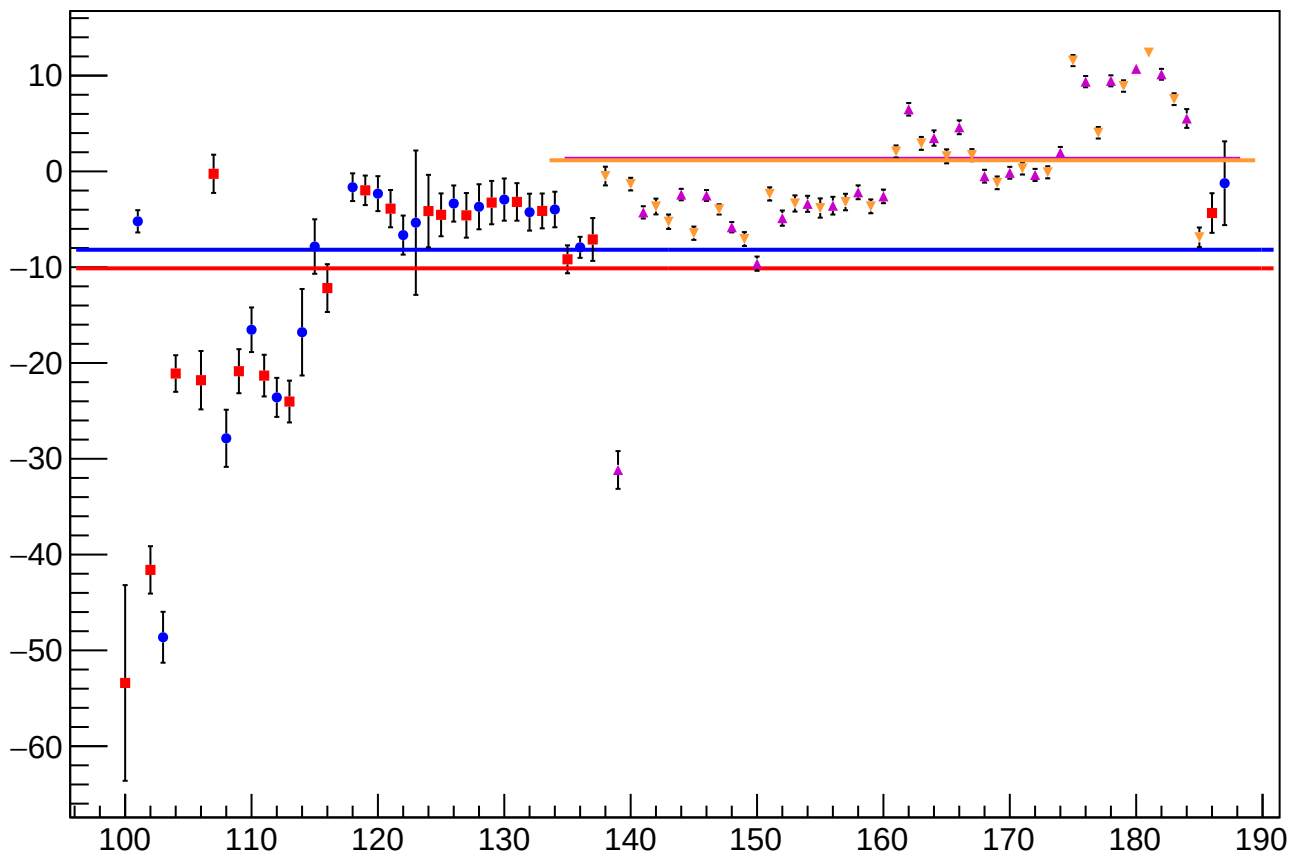
Left In: -37.939 ± 0.173 χ^2/NDF : 3133.2/22

+ sign -38.555 ± 0.169 χ^2/NDF : 4172.5/25

All: -38.027 ± 0.120 χ^2/NDF : 7991.0/49

- sign -37.482 ± 0.172 χ^2/NDF : 3798.7/23

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.179 ± 0.460 χ^2/NDF : 414.7/17

Left Out: 1.163 ± 0.136 χ^2/NDF : 1786.1/24

Right Out: -10.121 ± 0.478 χ^2/NDF : 436.7/19

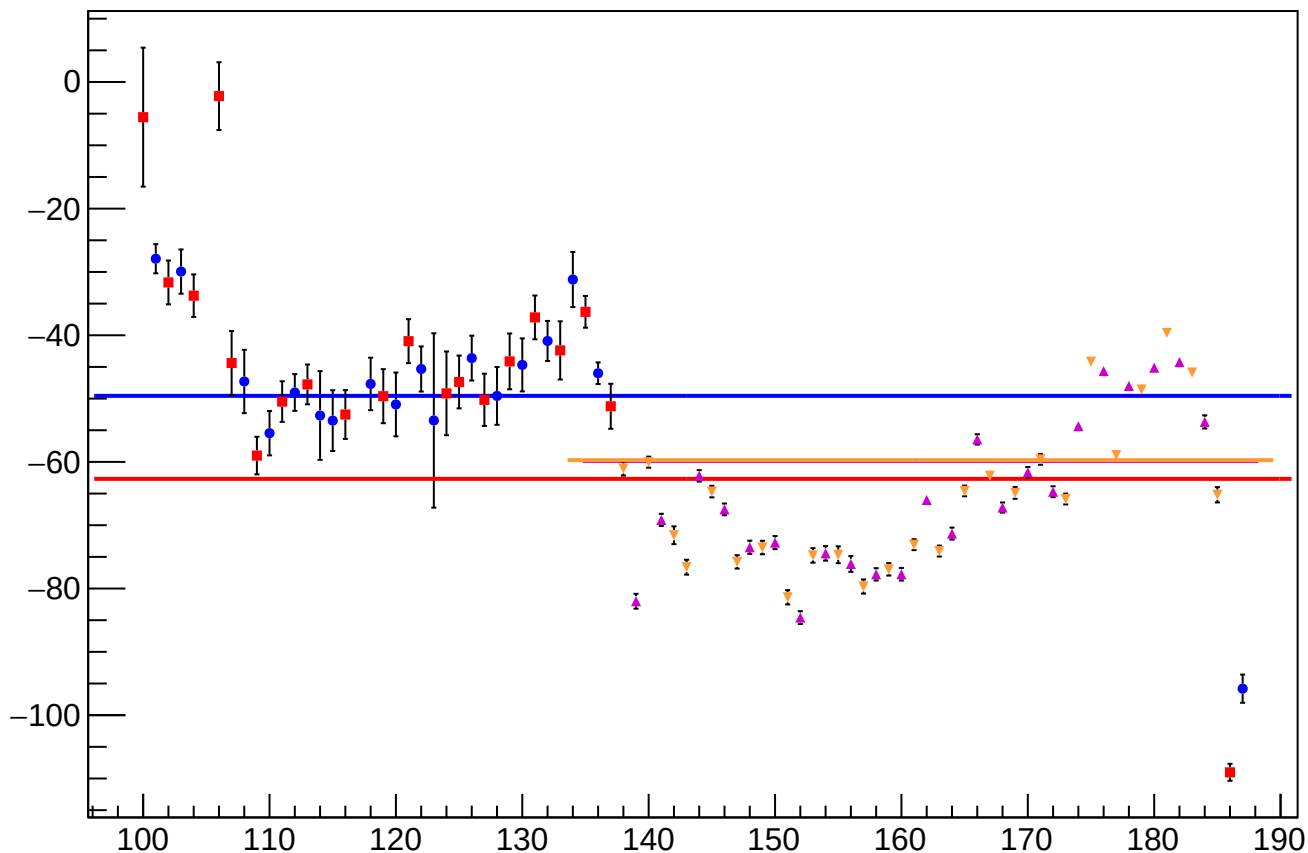
Left In: 1.319 ± 0.139 χ^2/NDF : 2080.7/22

+ sign 0.407 ± 0.131 χ^2/NDF : 2580.6/42

All: 0.414 ± 0.094 χ^2/NDF : 5625.8/85

- sign 0.421 ± 0.134 χ^2/NDF : 3045.2/42

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -49.569 $\pm$ 0.781 χ^2 /NDF: 590.7/17

Left Out: -59.724 $\pm$ 0.170 χ^2 /NDF: 5789.8/24

Right Out: -62.678 $\pm$ 0.727 χ^2 /NDF: 1855.0/19

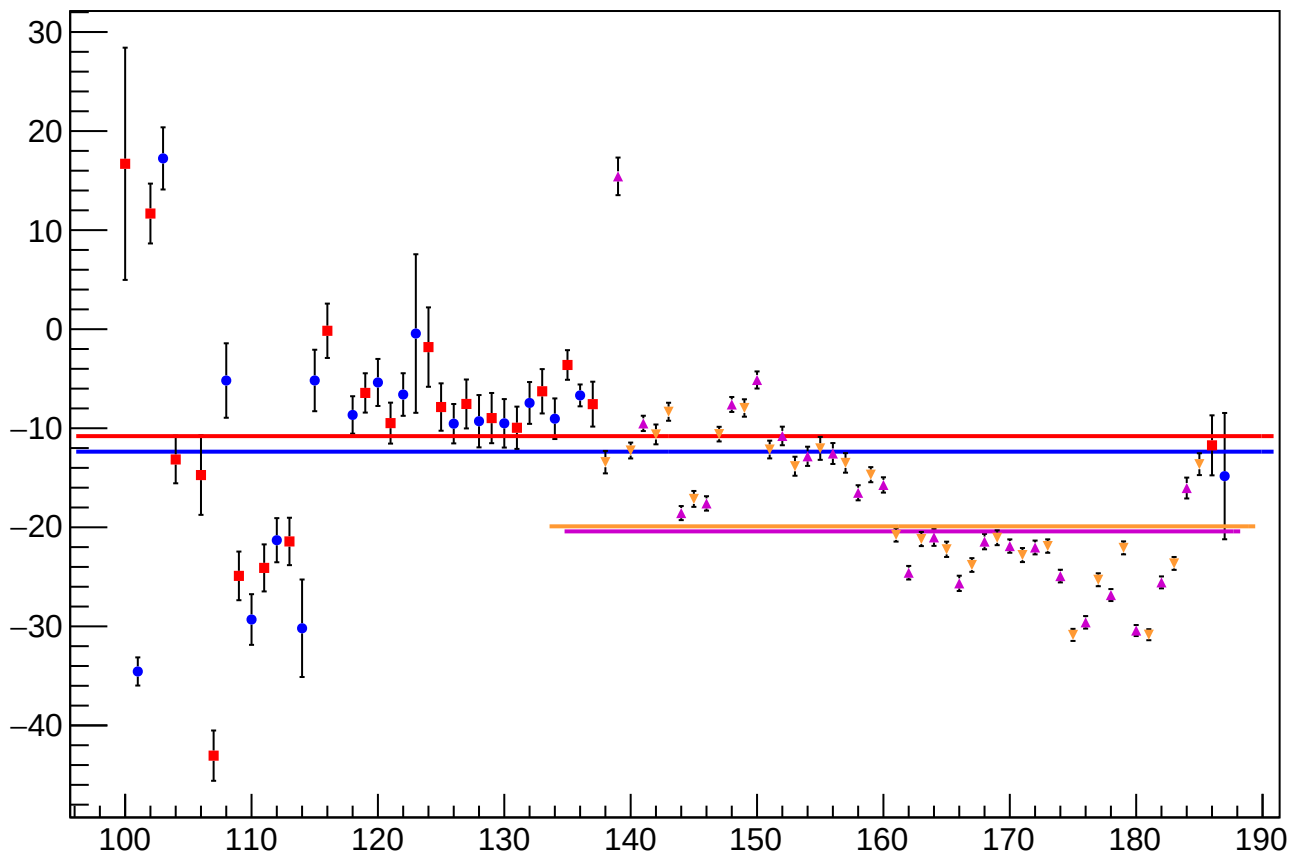
Left In: -59.864 $\pm$ 0.173 χ^2 /NDF: 5275.1/22

+ sign -59.263 $\pm$ 0.166 χ^2 /NDF: 6541.8/42

All: -59.635 $\pm$ 0.118 χ^2 /NDF: 13696.1/85

- sign -60.014 $\pm$ 0.168 χ^2 /NDF: 7144.2/42

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.364 ± 0.518 χ^2/NDF : 476.1/17

Left Out: -19.902 ± 0.153 χ^2/NDF : 1904.7/24

Right Out: -10.796 ± 0.545 χ^2/NDF : 366.7/19

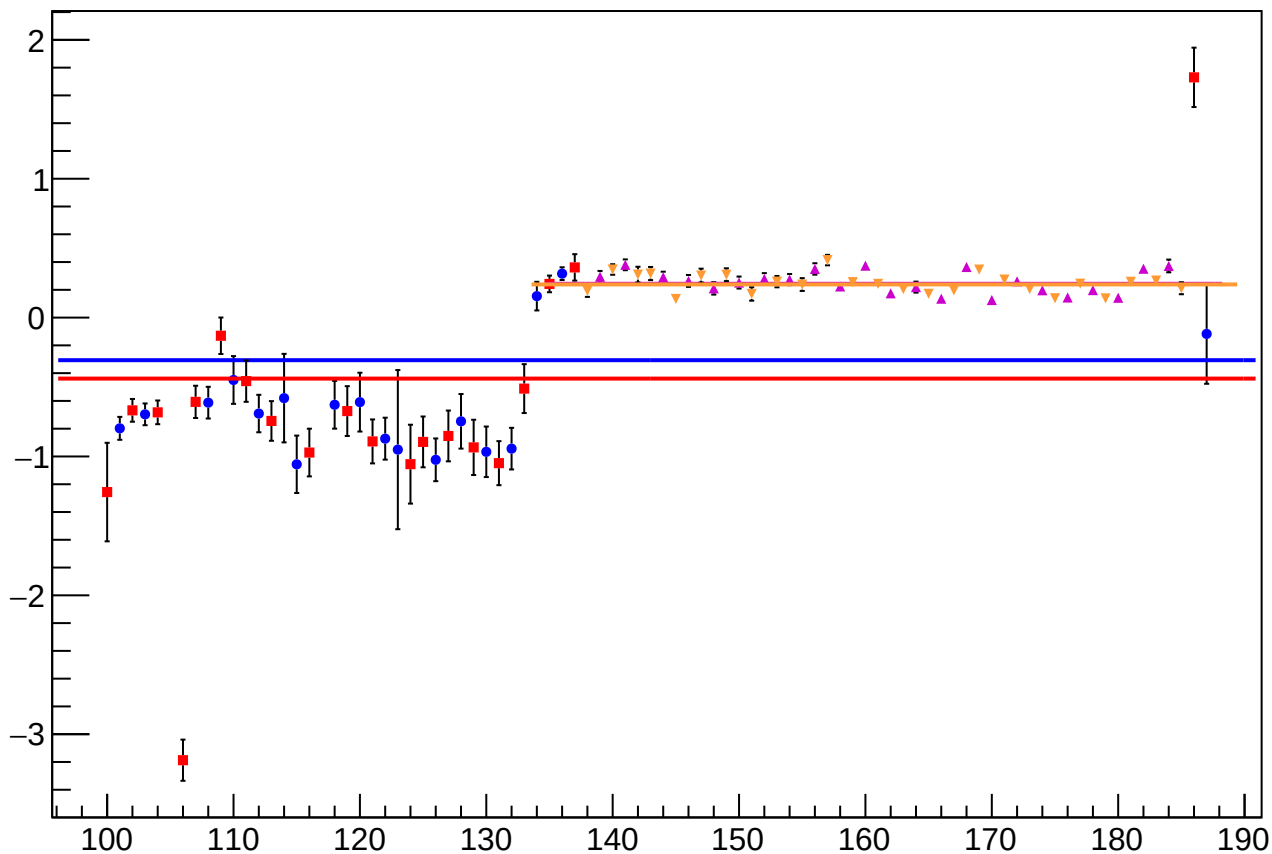
Left In: -20.412 ± 0.156 χ^2/NDF : 2345.4/22

+ sign -19.296 ± 0.147 χ^2/NDF : 2575.5/42

All: -19.485 ± 0.105 χ^2/NDF : 5579.1/85

- sign -19.681 ± 0.150 χ^2/NDF : 3000.2/42

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.307 ± 0.027 χ^2/NDF : 372.7/17

Left Out: 0.239 ± 0.007 χ^2/NDF : 93.5/24

Right Out: -0.439 ± 0.028 χ^2/NDF : 736.0/19

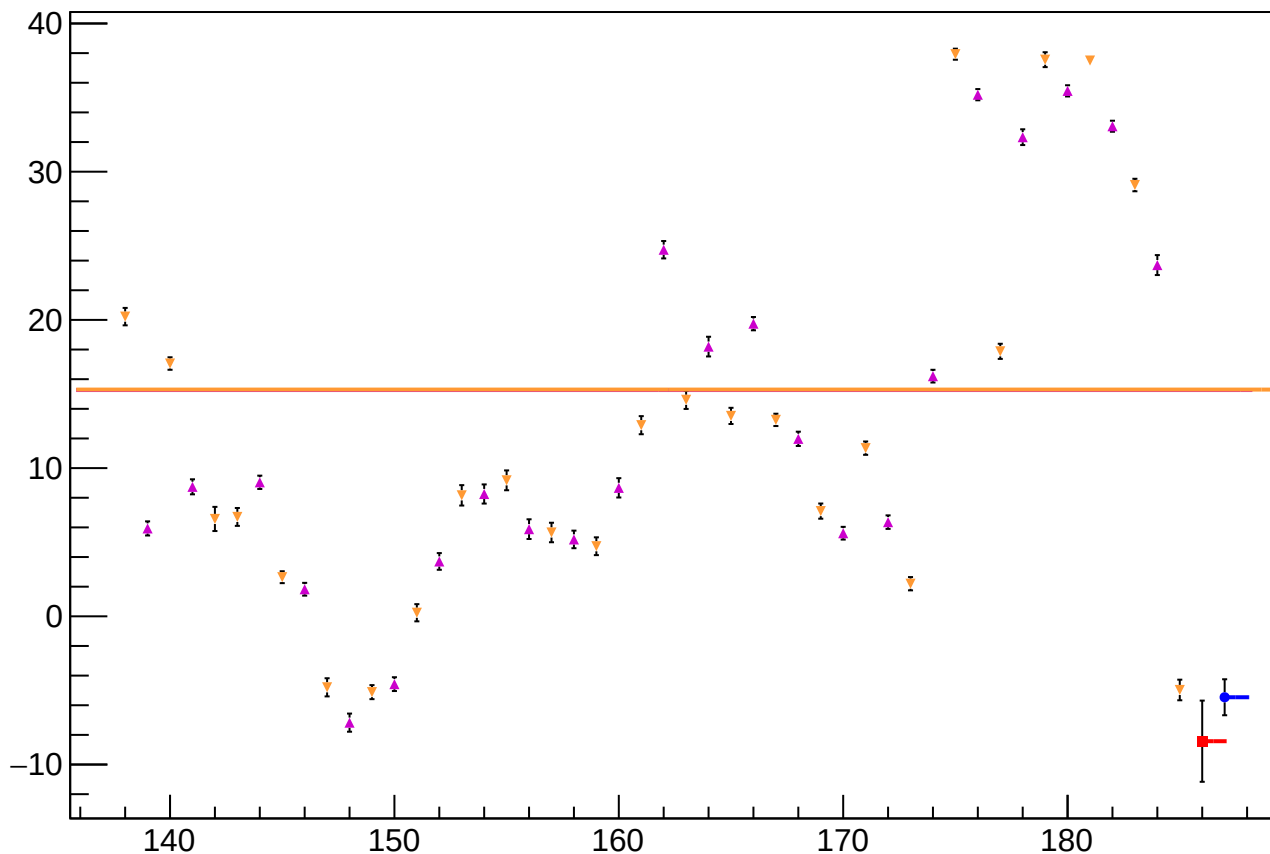
Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

+ sign 0.205 ± 0.007 χ^2/NDF : 837.3/42

All: 0.204 ± 0.005 χ^2/NDF : 2260.2/85

- sign 0.202 ± 0.007 χ^2/NDF : 1422.8/42

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: -5.461+/-1.214 χ^2/NDF : 0.0/0

Left Out: 15.298+/-0.101 χ^2/NDF :19135.0/24

Right Out: -8.426+/-2.739 χ^2/NDF : 0.0/0

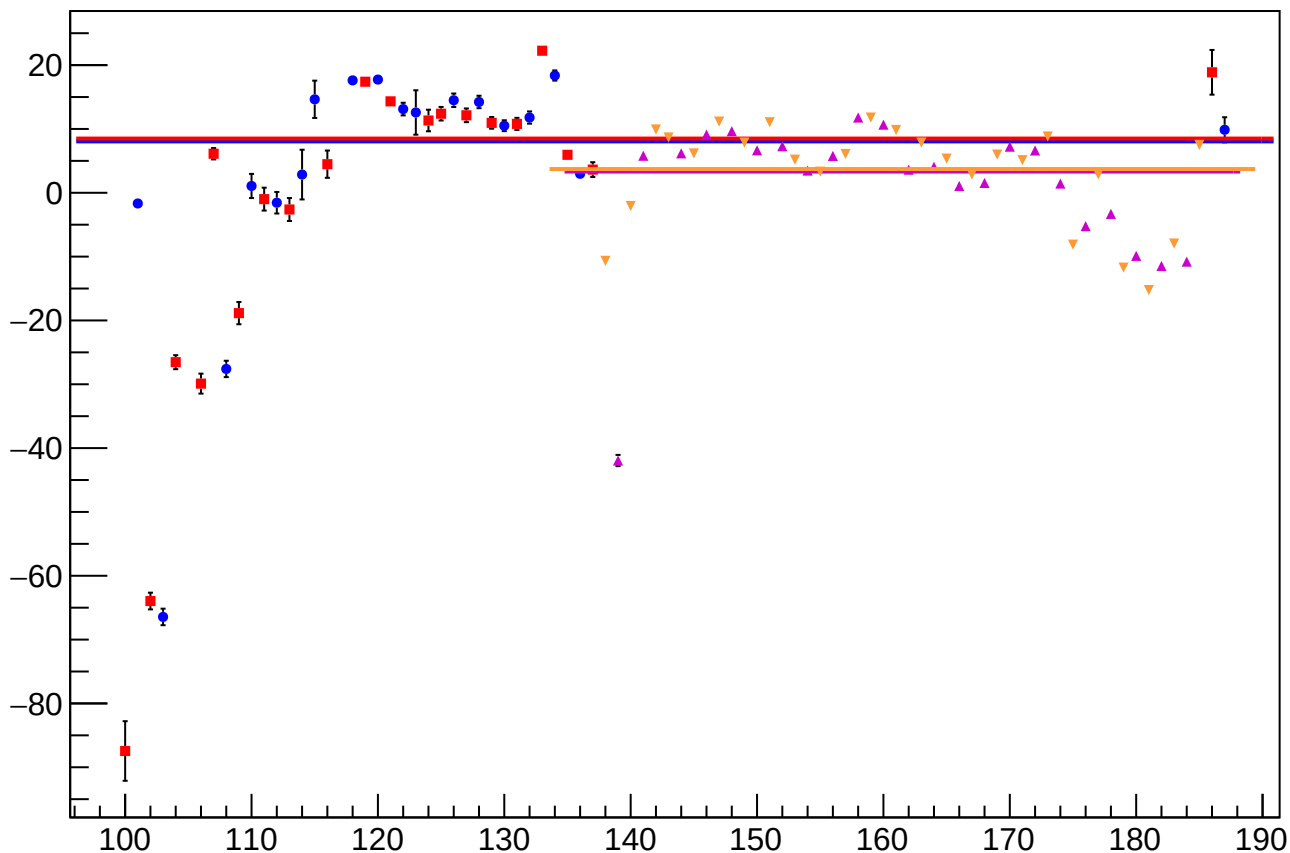
Left In: 15.268+/-0.102 χ^2/NDF :16406.3/22

+ sign 15.157+/-0.100 χ^2/NDF : 19425.6/25

All: 15.195+/-0.072 χ^2/NDF : 35906.8/49

- sign 15.235+/-0.102 χ^2/NDF : 16481.0/23

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.057 ± 0.214 $\chi^2/\text{NDF}: 5370.3/17$

Left Out: 3.717 ± 0.079 $\chi^2/\text{NDF}: 9201.0/24$

Right Out: 8.493 ± 0.213 $\chi^2/\text{NDF}: 6713.2/19$

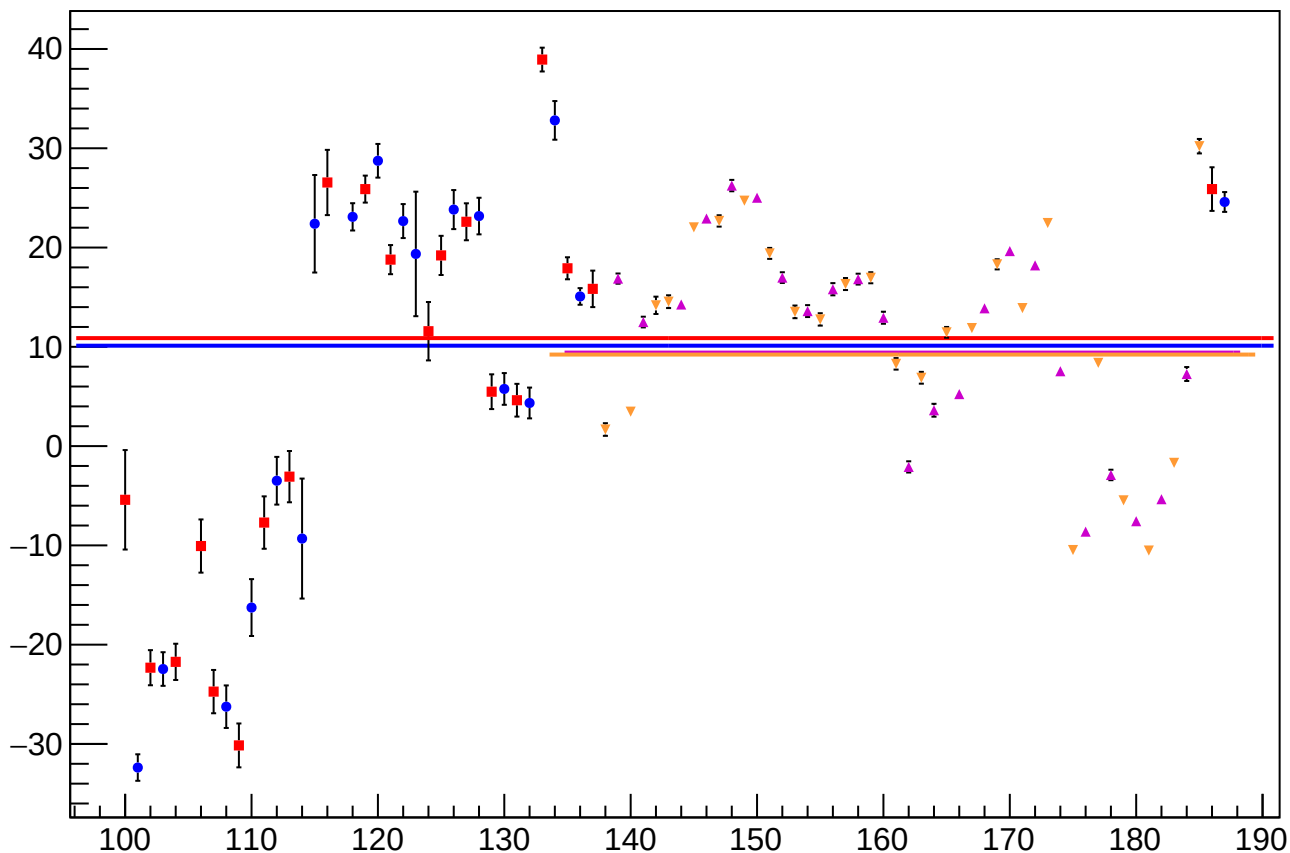
Left In: 3.327 ± 0.081 $\chi^2/\text{NDF}: 8830.5/22$

+ sign 4.238 ± 0.074 $\chi^2/\text{NDF}: 14933.7/42$

All: 4.111 ± 0.053 $\chi^2/\text{NDF}: 30997.5/85$

- sign 3.979 ± 0.076 $\chi^2/\text{NDF}: 16057.8/42$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 10.114 ± 0.384 χ^2/NDF : 2571.6/17

Left Out: 9.220 ± 0.101 χ^2/NDF : 13617.0/24

Right Out: 10.877 ± 0.409 χ^2/NDF : 2330.2/19

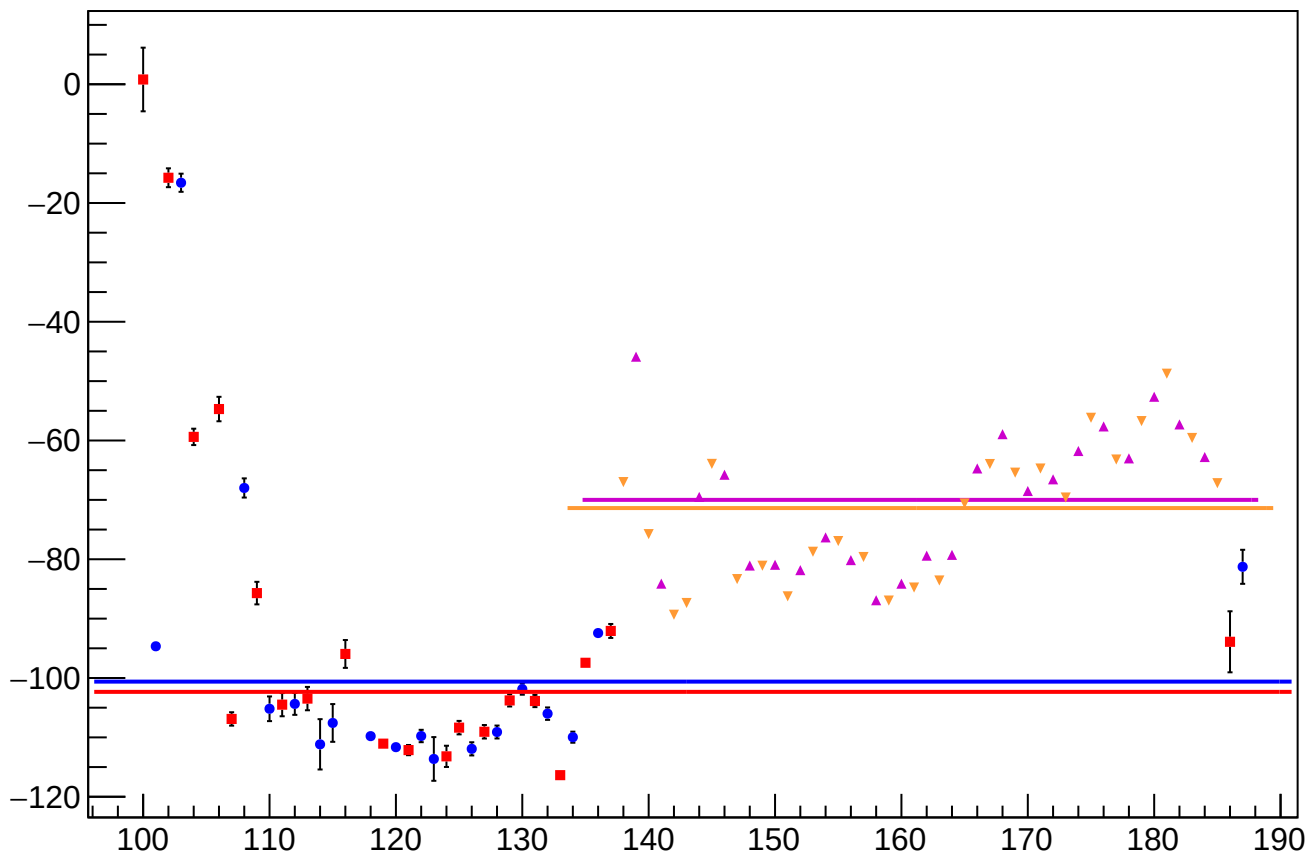
Left In: 9.420 ± 0.102 χ^2/NDF : 12078.1/22

+ sign 9.278 ± 0.098 χ^2/NDF : 16193.7/42

All: 9.390 ± 0.070 χ^2/NDF : 30616.7/85

- sign 9.505 ± 0.099 χ^2/NDF : 14420.3/42

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.608 ± 0.247 $\chi^2/\text{NDF}: 4568.5/17$

Left Out: -71.379 ± 0.089 $\chi^2/\text{NDF}: 16226.2/24$

Right Out: -102.335 ± 0.246 $\chi^2/\text{NDF}: 6081.6/19$

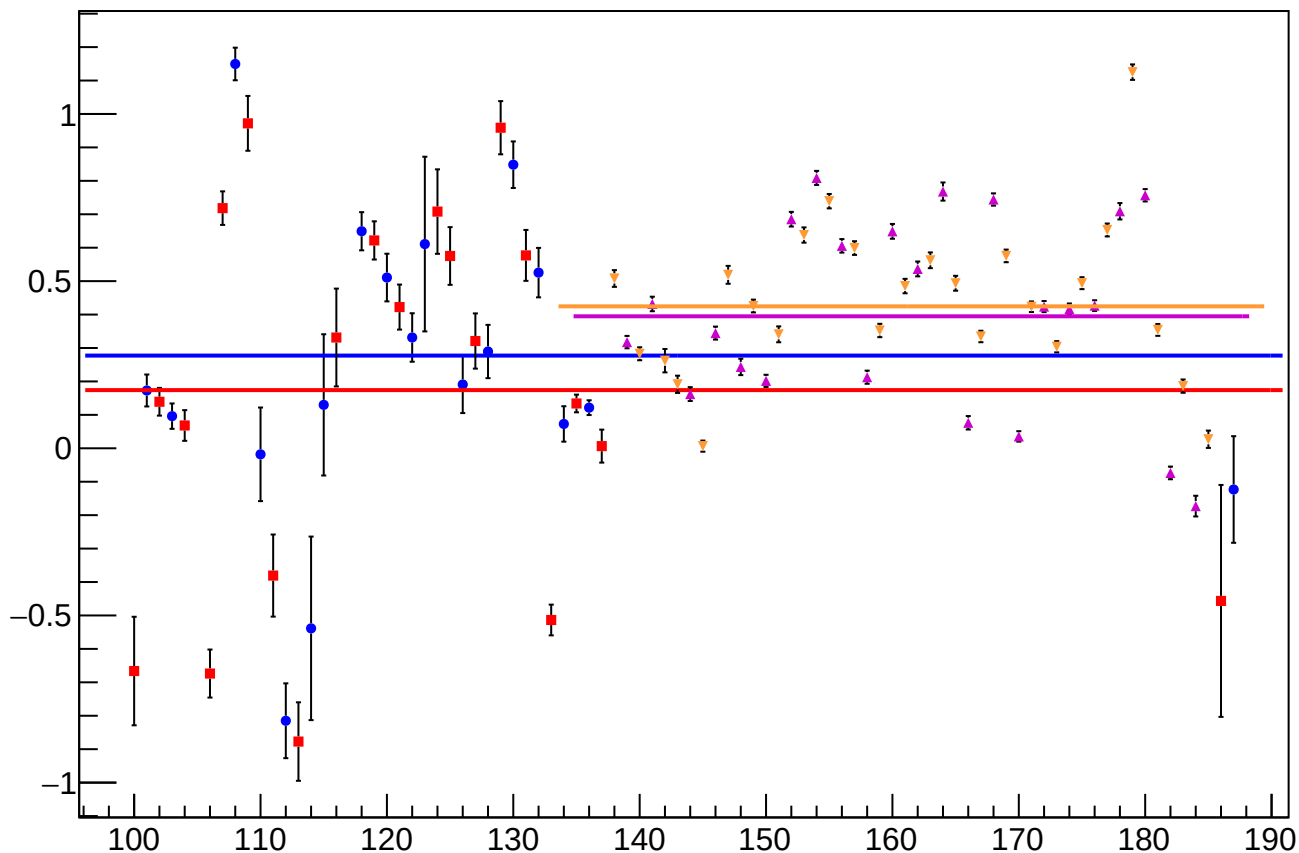
Left In: -69.999 ± 0.091 $\chi^2/\text{NDF}: 13188.0/22$

+ sign -74.768 ± 0.084 $\chi^2/\text{NDF}: 33166.0/42$

All: -74.353 ± 0.060 $\chi^2/\text{NDF}: 67673.2/85$

- sign -73.923 ± 0.086 $\chi^2/\text{NDF}: 34457.7/42$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.277 $\pm$ 0.013 χ^2/NDF : 662.3/17

Left Out: 0.425 $\pm$ 0.004 χ^2/NDF : 2866.9/24

Right Out: 0.174 $\pm$ 0.013 χ^2/NDF : 970.0/19

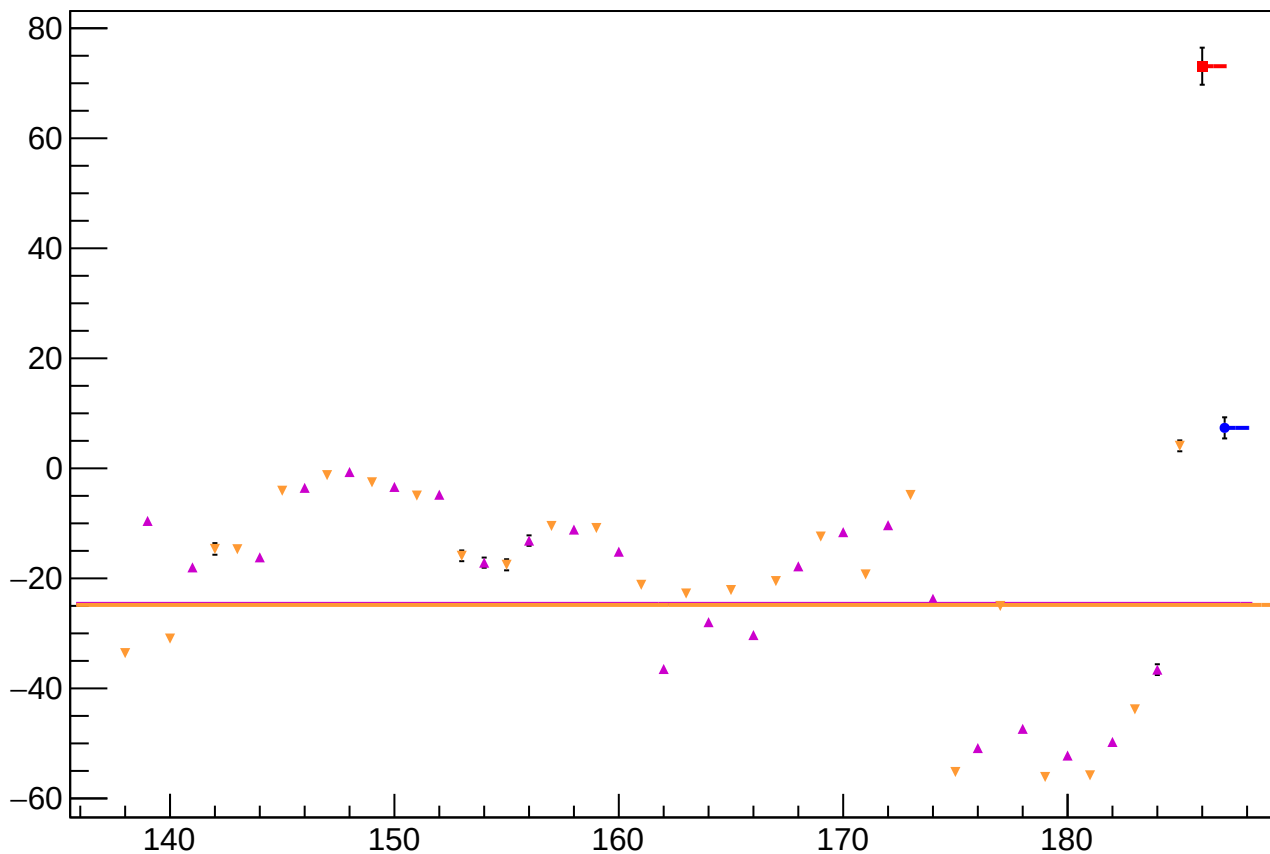
Left In: 0.395 $\pm$ 0.004 χ^2/NDF : 4063.1/22

+ sign 0.412 $\pm$ 0.004 χ^2/NDF : 3639.4/42

All: 0.394 $\pm$ 0.003 χ^2/NDF : 8961.8/85

- sign 0.376 $\pm$ 0.004 χ^2/NDF : 5279.8/42

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: 7.358 $\pm$ 1.920 χ^2 /NDF: 0.0/0

Left Out: -24.824 $\pm$ 0.140 χ^2 /NDF:18274.6/24

Right Out: 73.101 $\pm$ 3.369 χ^2 /NDF: 0.0/0

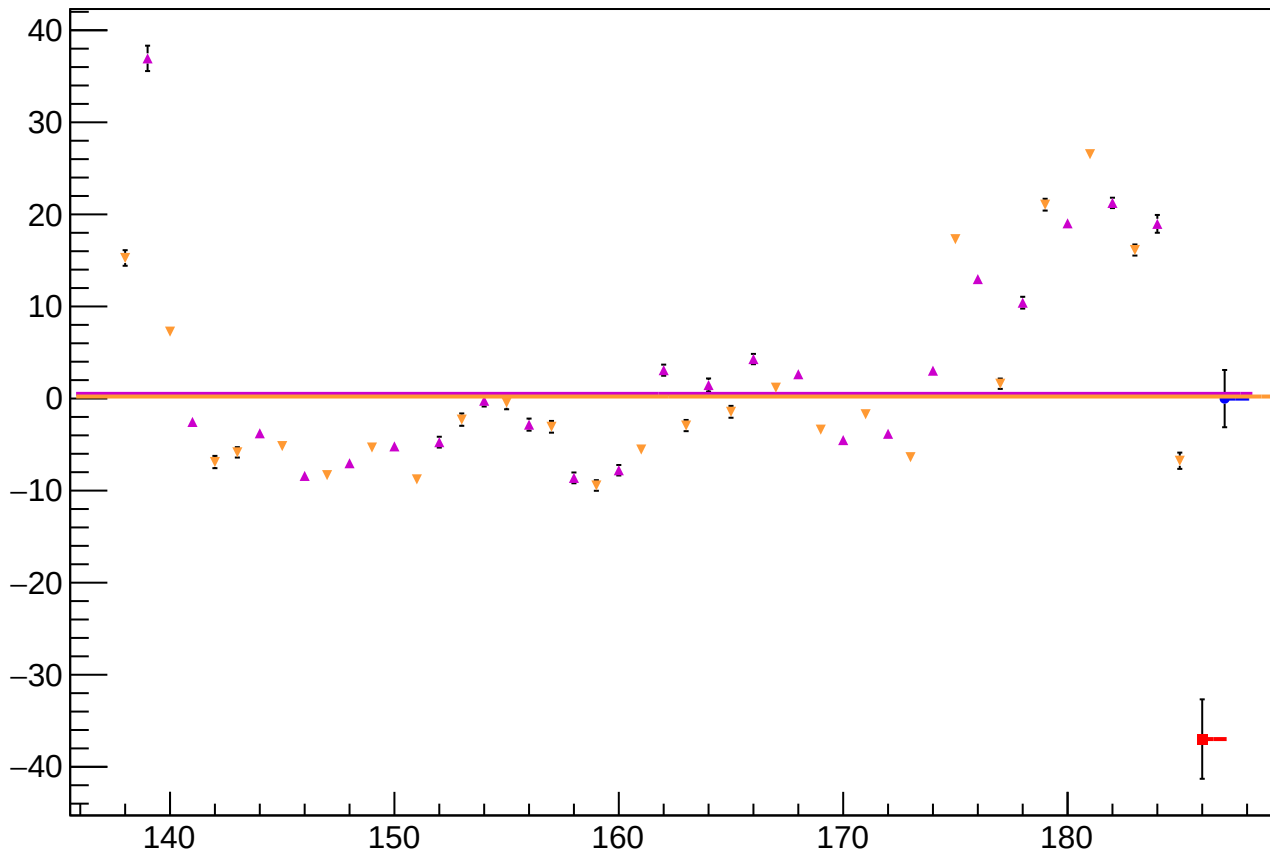
Left In: -24.635 $\pm$ 0.142 χ^2 /NDF:14947.9/22

+ sign -24.654 $\pm$ 0.139 χ^2 /NDF: 18554.0/25

All: -24.560 $\pm$ 0.099 χ^2 /NDF: 34343.1/49

- sign -24.461 $\pm$ 0.142 χ^2 /NDF: 15788.1/23

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: -0.009 ± 3.109 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.218 ± 0.109 $\chi^2/\text{NDF}: 8252.6/24$

Right Out: -36.986 ± 4.315 $\chi^2/\text{NDF}: 0.0/0$

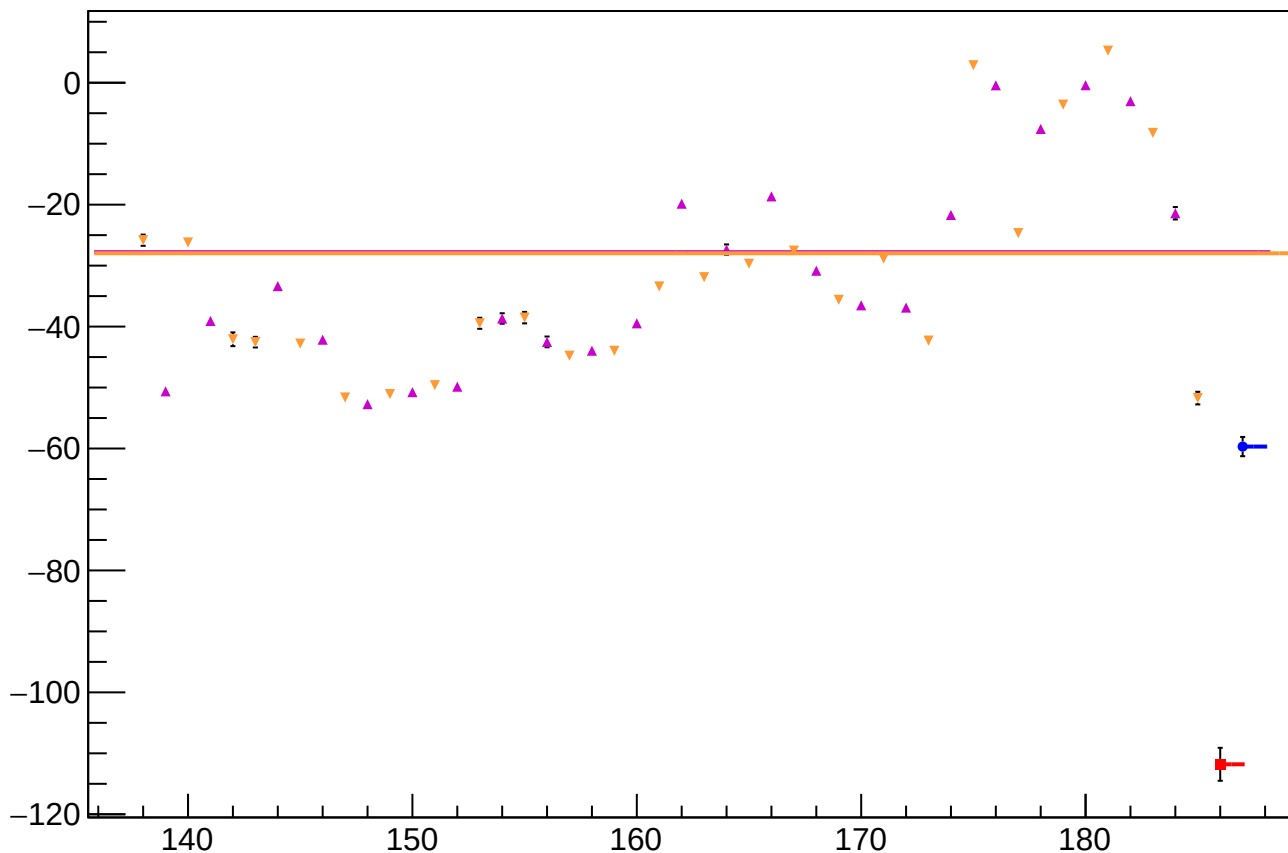
Left In: 0.507 ± 0.112 $\chi^2/\text{NDF}: 6626.9/22$

+ sign 0.217 ± 0.109 $\chi^2/\text{NDF}: 8252.6/25$

All: 0.346 ± 0.078 $\chi^2/\text{NDF}: 14957.9/49$

- sign 0.482 ± 0.112 $\chi^2/\text{NDF}: 6702.4/23$

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -59.683 ± 1.579 χ^2/NDF : 0.0/0

Left Out: -27.977 ± 0.140 χ^2/NDF : 17079.0/24

Right Out: -111.801 ± 2.706 χ^2/NDF : 0.0/0

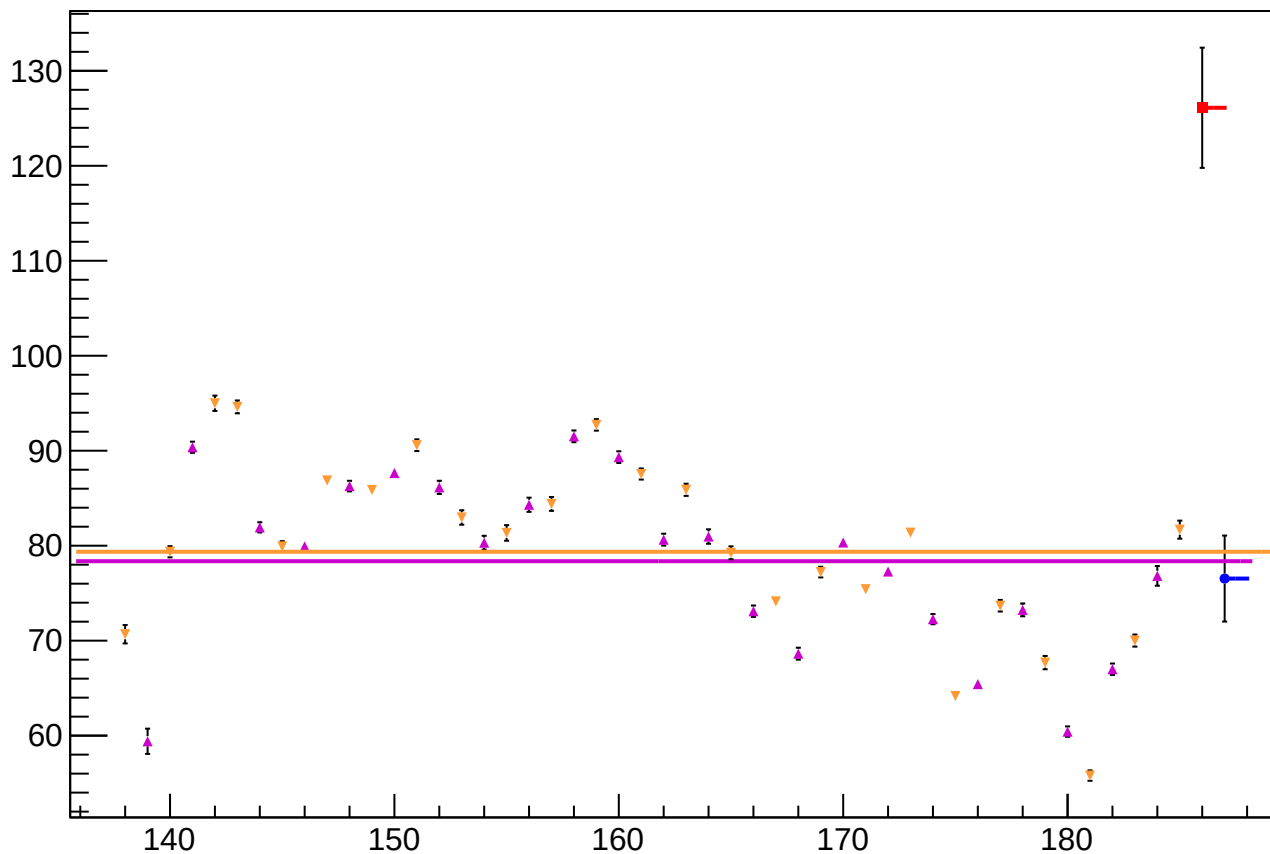
Left In: -27.796 ± 0.142 χ^2/NDF : 15193.3/22

+ sign -28.225 ± 0.140 χ^2/NDF : 17479.1/25

All: -28.127 ± 0.099 χ^2/NDF : 33634.8/49

- sign -28.026 ± 0.142 χ^2/NDF : 16154.7/23

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 76.539 $\pm$ 4.529 χ^2 /NDF: 0.0/0

Left Out: 79.364 $\pm$ 0.123 χ^2 /NDF: 5966.3/24

Right Out: 126.108 $\pm$ 6.329 χ^2 /NDF: 0.0/0

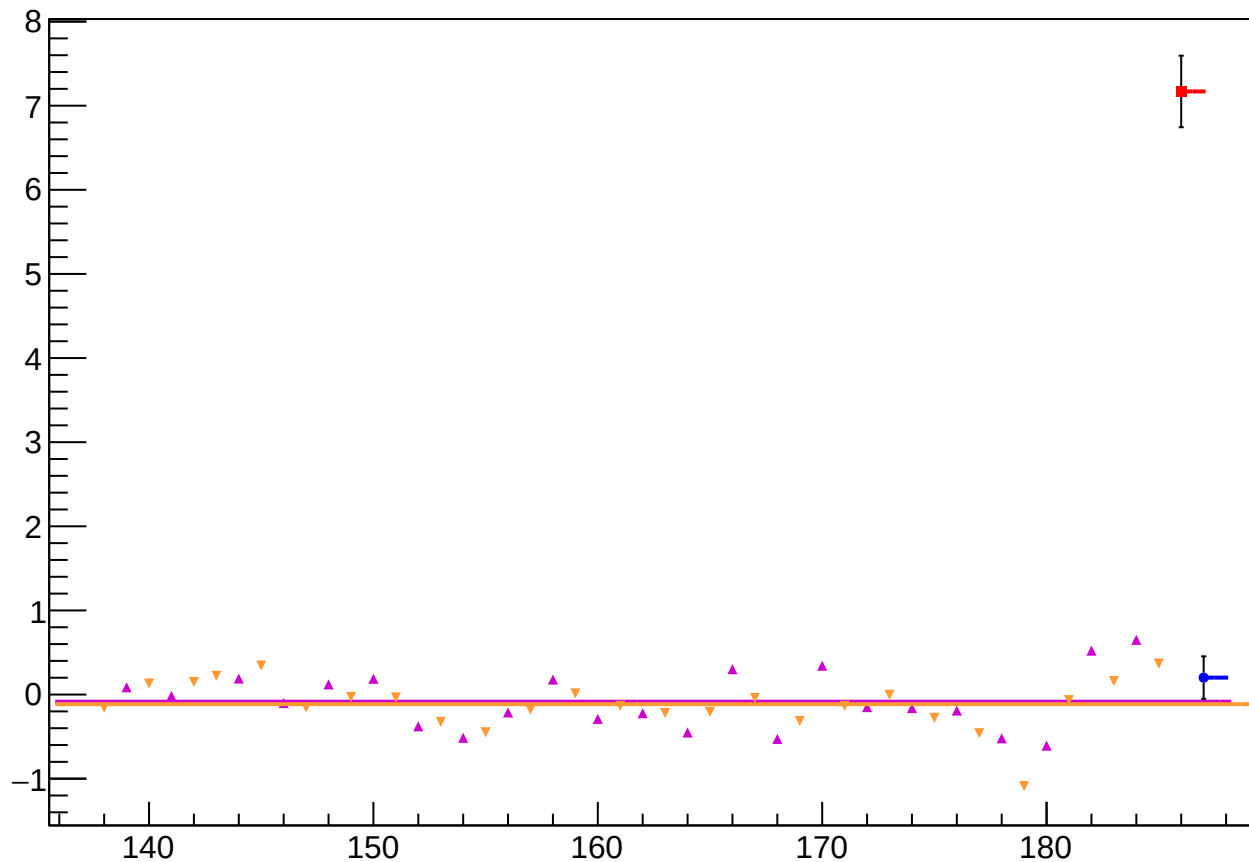
Left In: 78.367 $\pm$ 0.126 χ^2 /NDF: 4735.5/22

+ sign 79.362 $\pm$ 0.123 χ^2 /NDF: 5966.7/25

All: 78.885 $\pm$ 0.088 χ^2 /NDF: 10789.6/49

- sign 78.386 $\pm$ 0.126 χ^2 /NDF: 4792.4/23

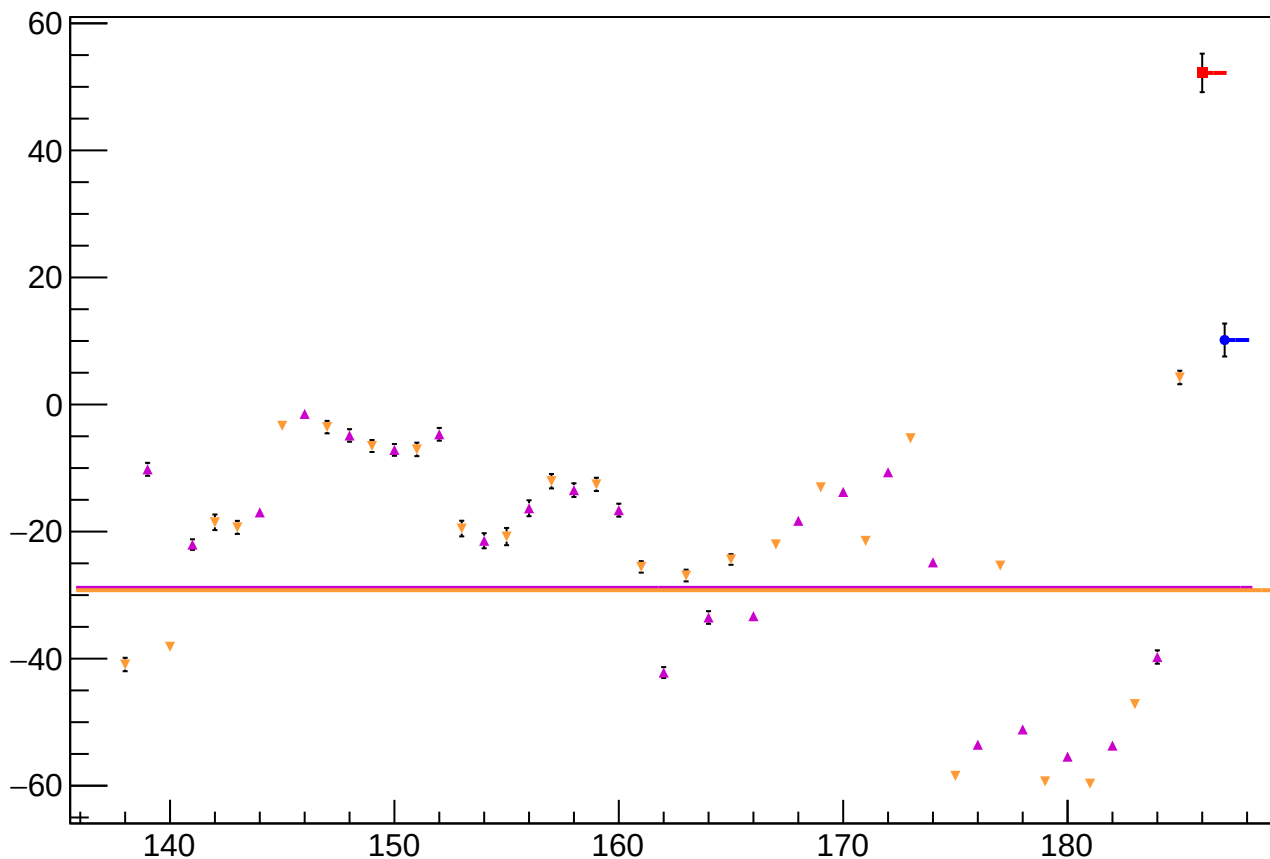
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.253 χ^2/NDF : 0.0/0
 Left Out: -0.115 ± 0.006 χ^2/NDF : 2288.7/24
 Right Out: 7.169 ± 0.425 χ^2/NDF : 0.0/0
 Left In: -0.085 ± 0.006 χ^2/NDF : 3148.4/22

+ sign -0.115 ± 0.006 χ^2/NDF : 2290.3/25
 All: -0.099 ± 0.004 χ^2/NDF : 5743.9/49
 - sign -0.084 ± 0.006 χ^2/NDF : 3439.2/23

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 10.151 $\pm$ 2.596 χ^2 /NDF: 0.0/0

Left Out: -29.227 $\pm$ 0.157 χ^2 /NDF:16880.0/24

Right Out: 52.193 $\pm$ 3.030 χ^2 /NDF: 0.0/0

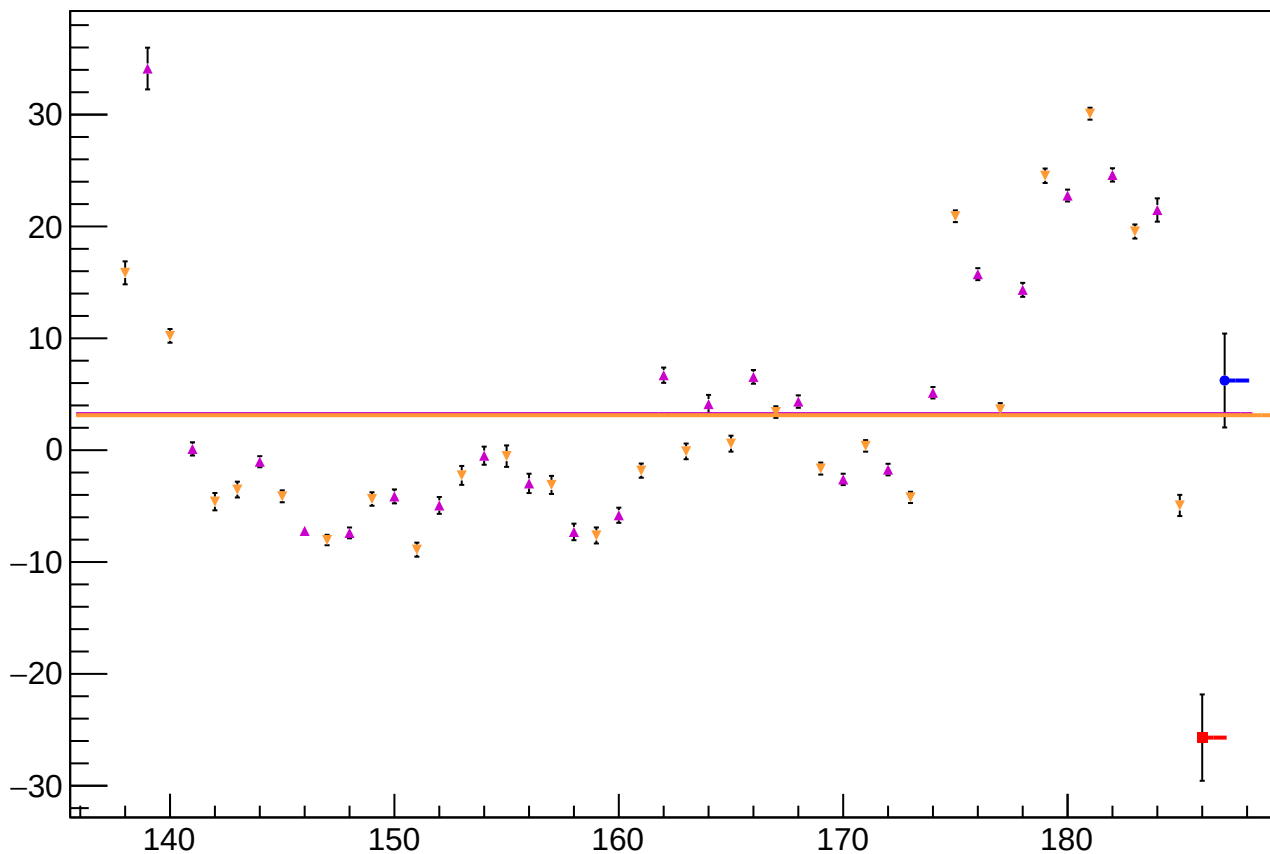
Left In: -28.857 $\pm$ 0.159 χ^2 /NDF:13553.6/22

+ sign -29.084 $\pm$ 0.157 χ^2 /NDF: 17109.2/25

All: -28.862 $\pm$ 0.112 χ^2 /NDF: 31380.3/49

- sign -28.634 $\pm$ 0.159 χ^2 /NDF: 14267.0/23

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 6.227 $\pm$ 4.197 χ^2 /NDF: 0.0/0

Left Out: 3.126 $\pm$ 0.125 χ^2 /NDF:8049.0/24

Right Out: -25.698 $\pm$ 3.861 χ^2 /NDF: 0.0/0

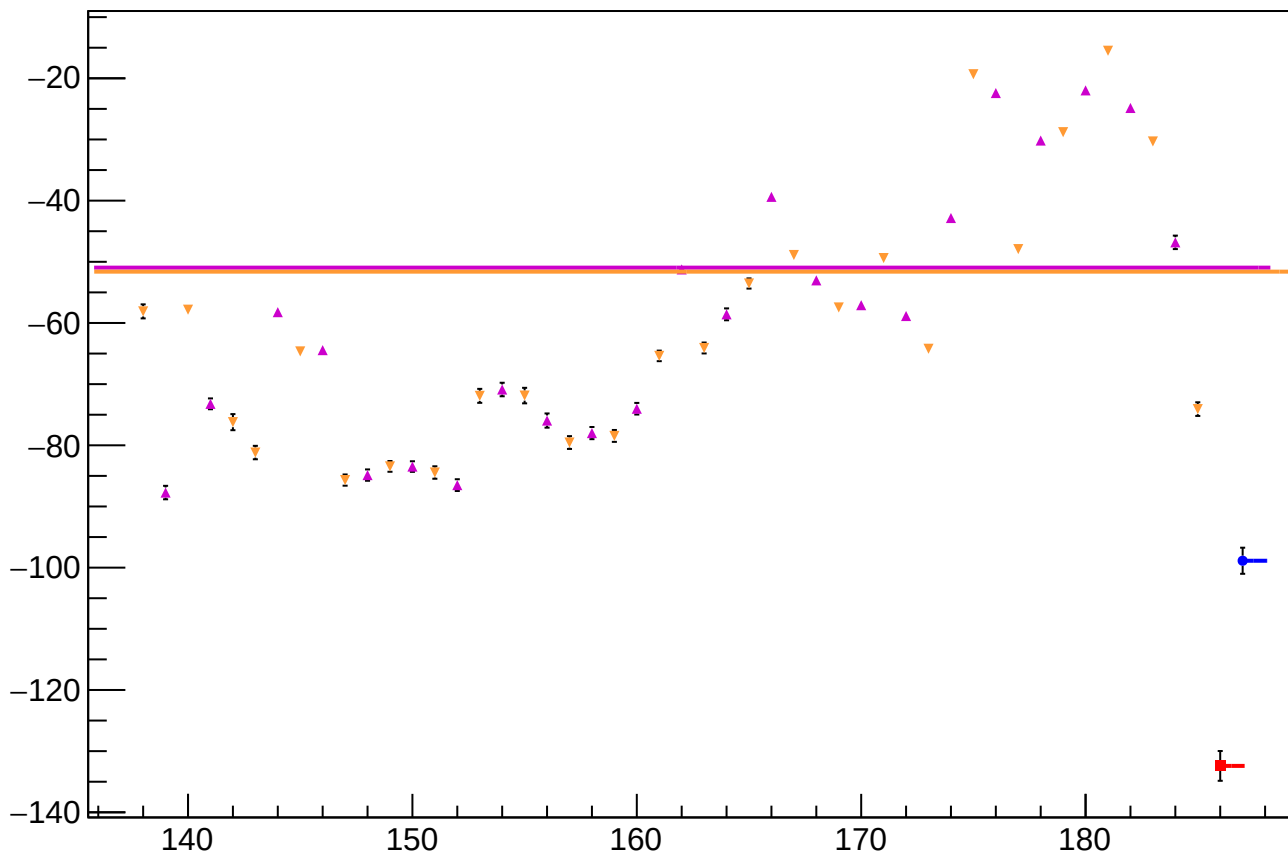
Left In: 3.224 $\pm$ 0.127 χ^2 /NDF:6274.0/22

+ sign 3.128 $\pm$ 0.125 χ^2 /NDF: 8049.6/25

All: 3.160 $\pm$ 0.089 χ^2 /NDF: 14379.8/49

- sign 3.193 $\pm$ 0.126 χ^2 /NDF: 6330.1/23

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -98.874 ± 2.134 χ^2/NDF : 0.0/0

Left Out: -51.610 ± 0.158 χ^2/NDF : 19384.9/24

Right Out: -132.413 ± 2.435 χ^2/NDF : 0.0/0

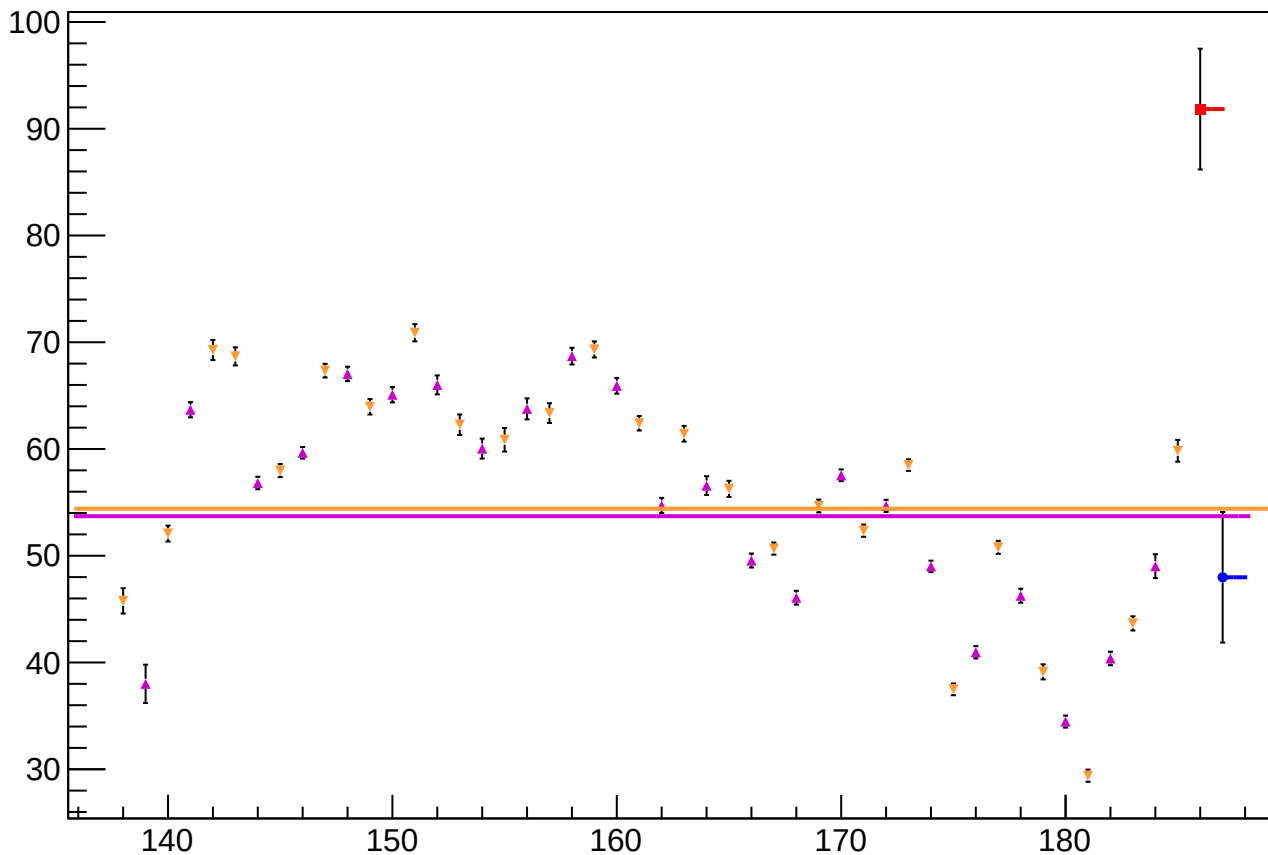
Left In: -50.954 ± 0.159 χ^2/NDF : 17472.2/22

+ sign -51.868 ± 0.158 χ^2/NDF : 19872.8/25

All: -51.588 ± 0.112 χ^2/NDF : 38465.9/49

- sign -51.302 ± 0.159 χ^2/NDF : 18586.7/23

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 47.983+/-6.117 χ^2/NDF : 0.0/0

Left Out: 54.407+/-0.141 χ^2/NDF : 6200.4/24

Right Out: 91.843+/-5.659 χ^2/NDF : 0.0/0

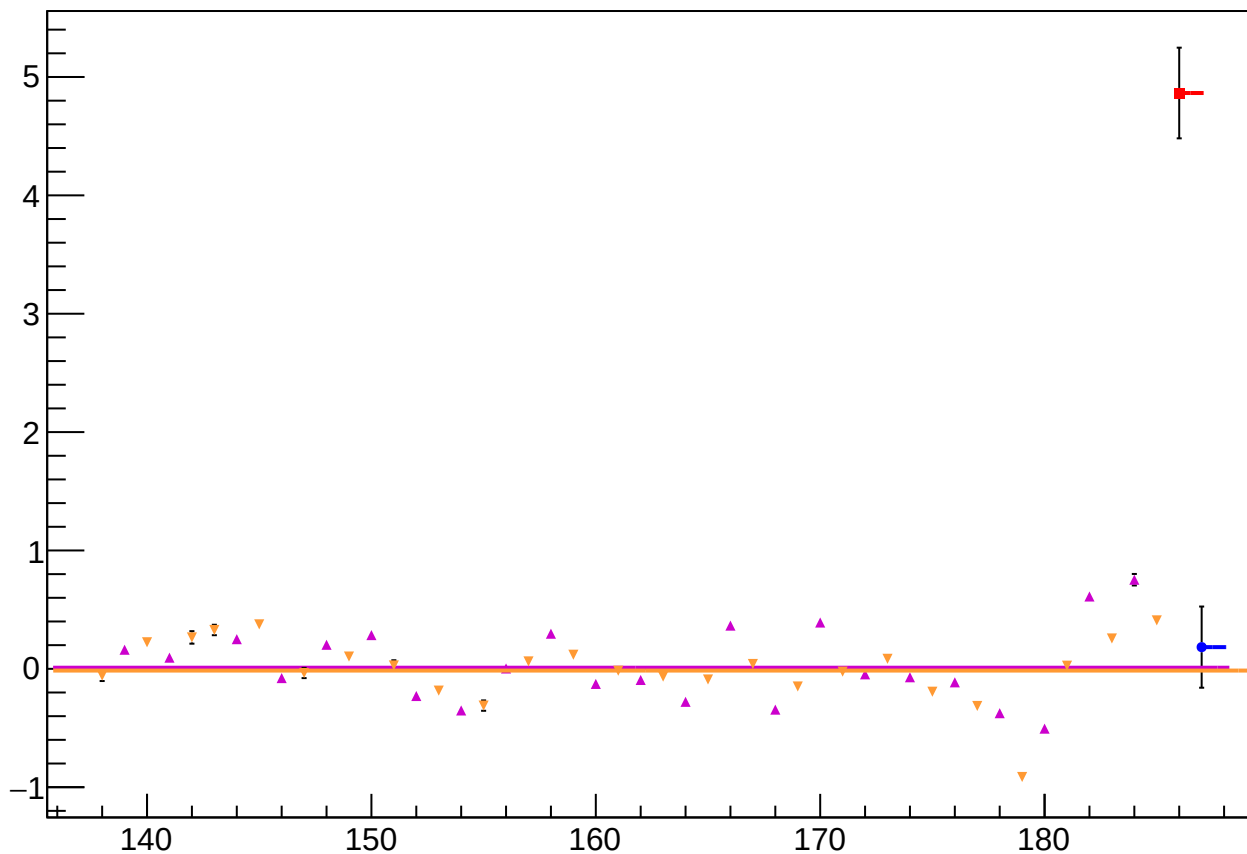
Left In: 53.704+/-0.143 χ^2/NDF : 4603.5/22

+ sign 54.403+/-0.140 χ^2/NDF : 6201.5/25

All: 54.070+/-0.100 χ^2/NDF : 10861.8/49

- sign 53.728+/-0.143 χ^2/NDF : 4648.9/23

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.183+/-0.343 χ^2/NDF : 0.0/0

Left Out: -0.015+/-0.006 χ^2/NDF : 1645.9/24

Right Out: 4.865+/-0.383 χ^2/NDF : 0.0/0

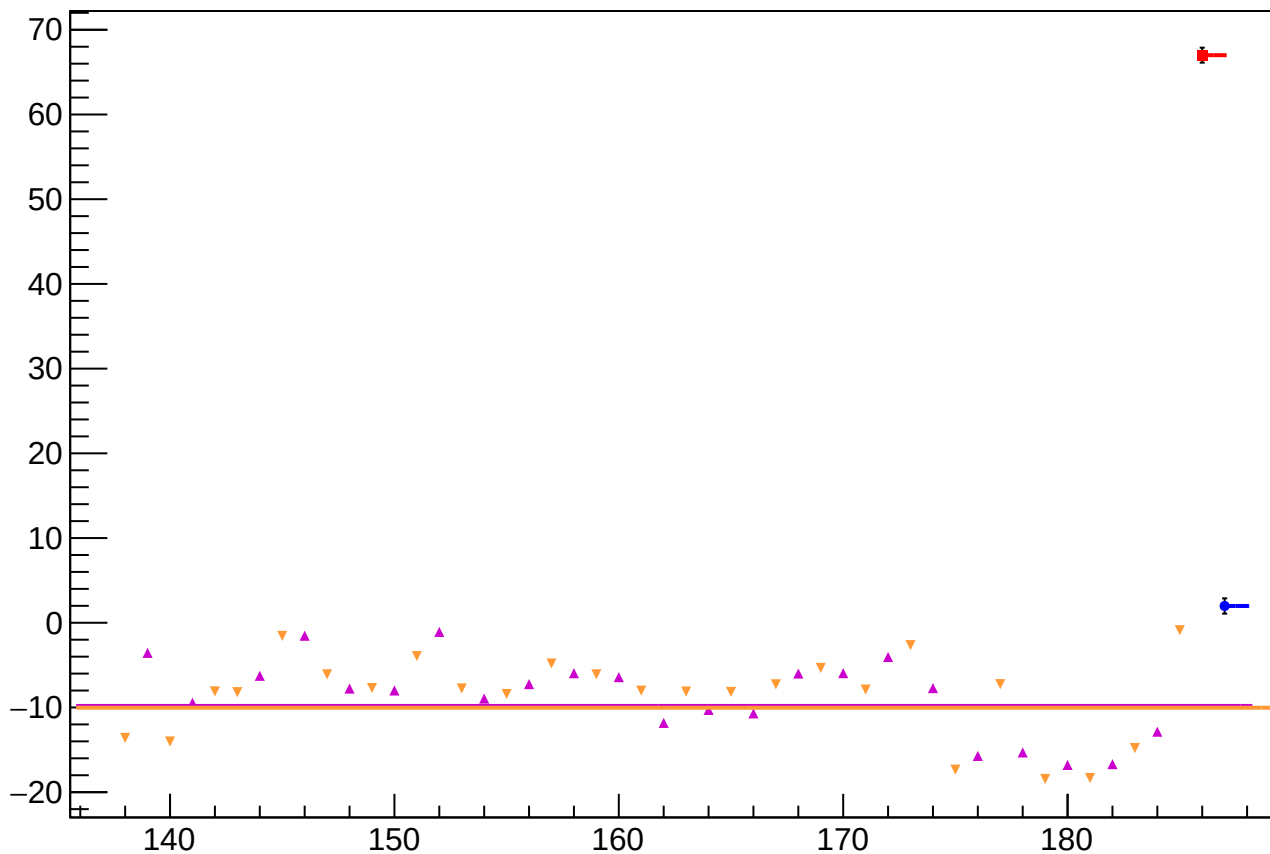
Left In: 0.009+/-0.007 χ^2/NDF : 2228.9/22

+ sign -0.015+/-0.006 χ^2/NDF : 1646.2/25

All: -0.002+/-0.005 χ^2/NDF : 4043.4/49

- sign 0.011+/-0.007 χ^2/NDF : 2389.5/23

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 1.981 ± 0.902 χ^2/NDF : 0.0/0

Left Out: -10.030 ± 0.051 χ^2/NDF : 12530.2/24

Right Out: 67.003 ± 0.885 χ^2/NDF : 0.0/0

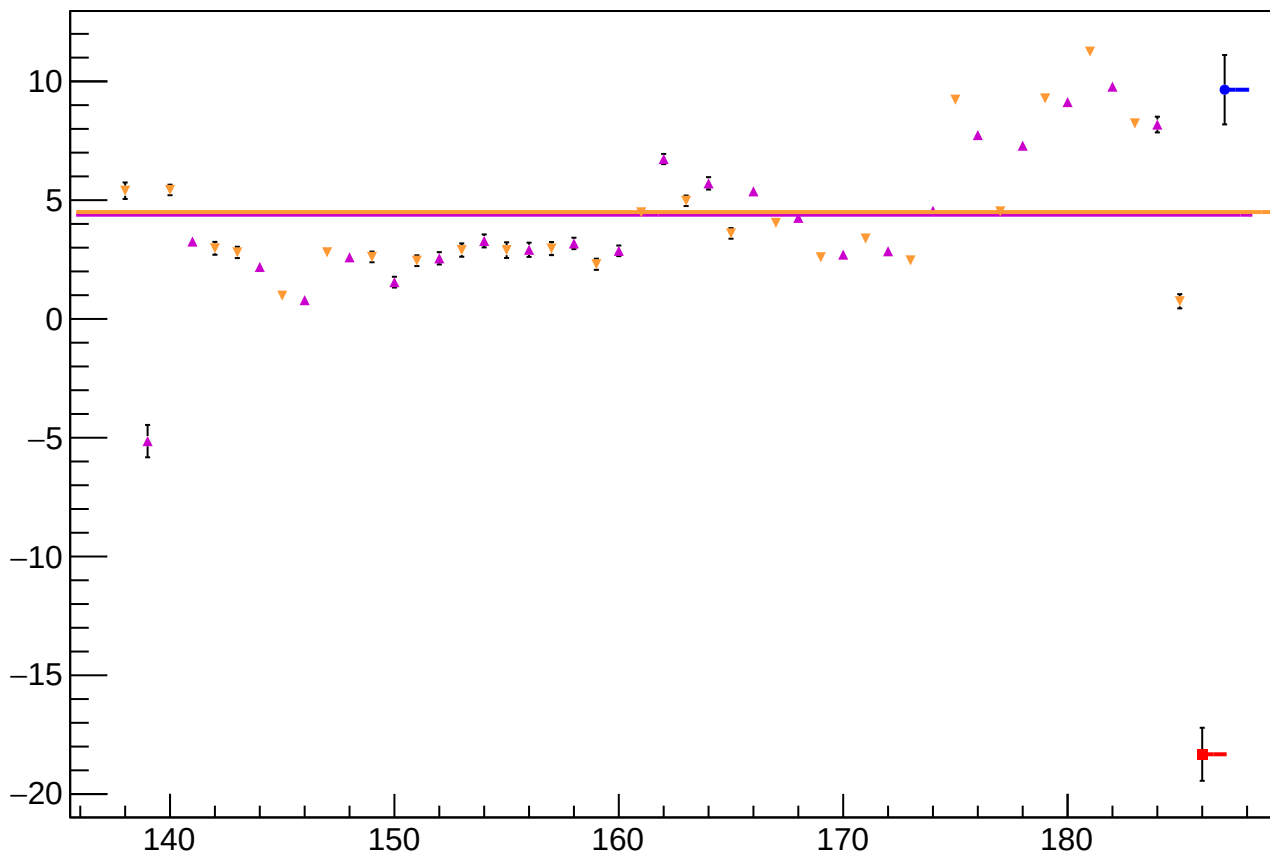
Left In: -9.820 ± 0.051 χ^2/NDF : 9468.8/22

+ sign -9.992 ± 0.051 χ^2/NDF : 12706.9/25

All: -9.780 ± 0.036 χ^2/NDF : 29723.9/49

- sign -9.564 ± 0.051 χ^2/NDF : 16981.5/23

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 9.649 ± 1.460 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 4.499 ± 0.041 $\chi^2/\text{NDF}: 4809.3/24$

Right Out: -18.325 ± 1.116 $\chi^2/\text{NDF}: 0.0/0$

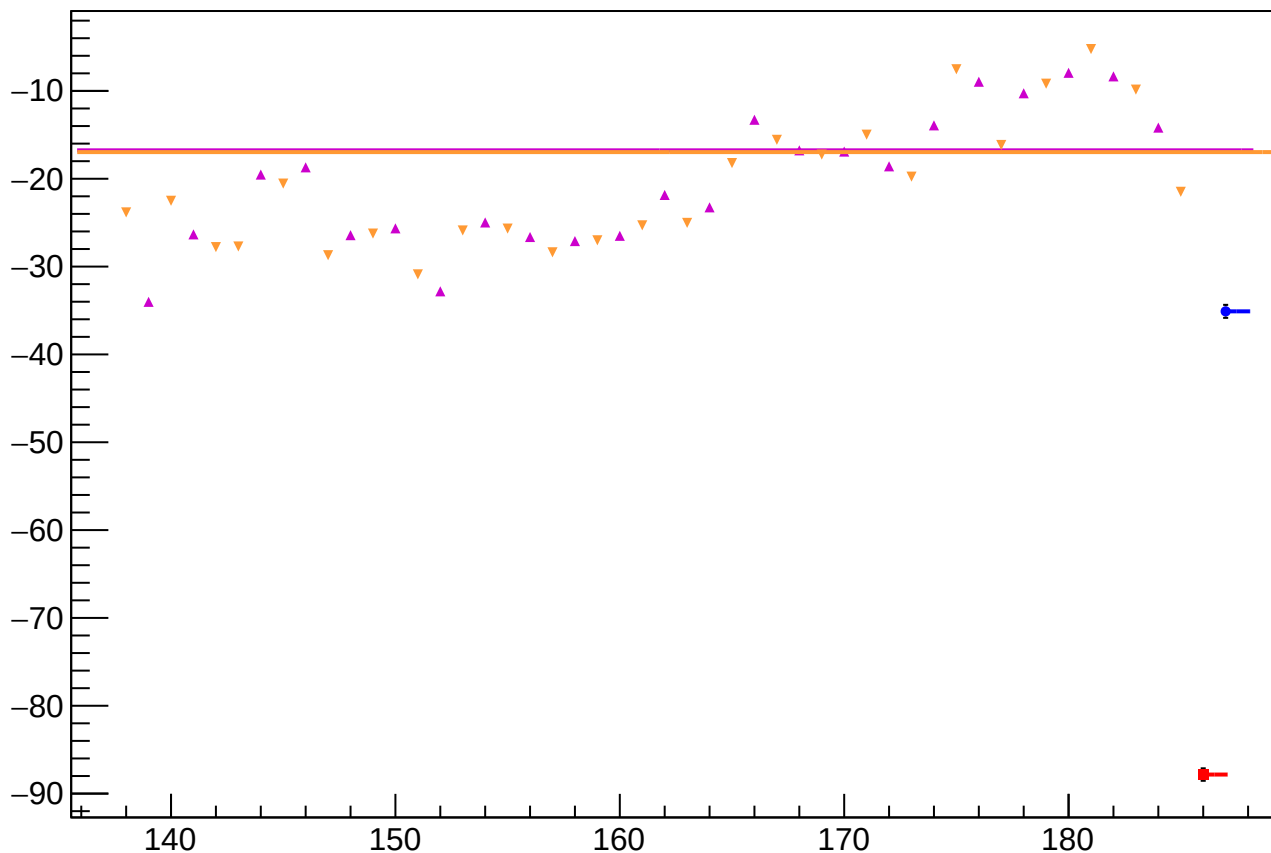
Left In: 4.388 ± 0.041 $\chi^2/\text{NDF}: 4266.4/22$

+ sign 4.503 ± 0.041 $\chi^2/\text{NDF}: 4821.7/25$

All: 4.430 ± 0.029 $\chi^2/\text{NDF}: 9508.0/49$

- sign 4.357 ± 0.041 $\chi^2/\text{NDF}: 4680.0/23$

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -35.096 $\pm$ 0.741 χ^2 /NDF: 0.0/0

Left Out: -16.965 $\pm$ 0.051 χ^2 /NDF: 21902.1/24

Right Out: -87.833 $\pm$ 0.711 χ^2 /NDF: 0.0/0

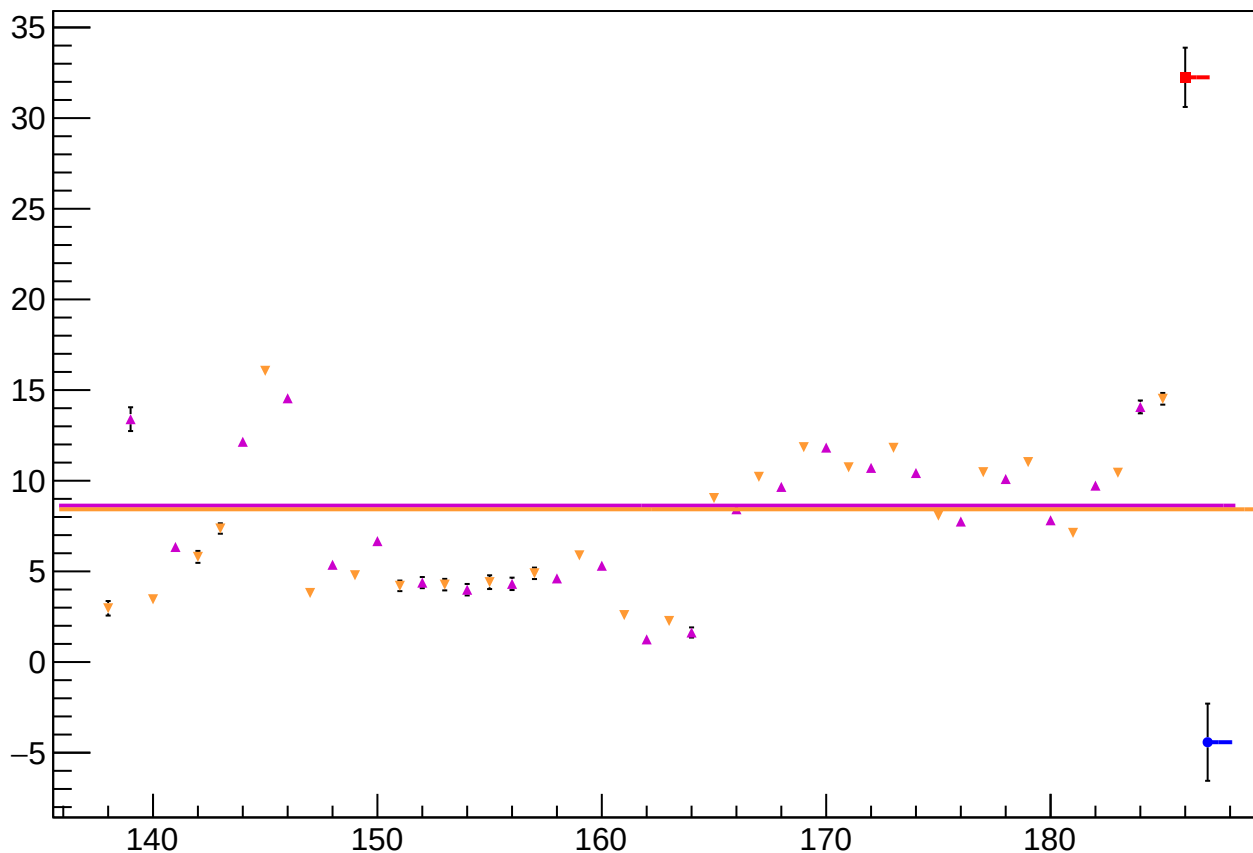
Left In: -16.764 $\pm$ 0.051 χ^2 /NDF: 19037.7/22

+ sign -17.051 $\pm$ 0.051 χ^2 /NDF: 22497.3/25

All: -17.092 $\pm$ 0.036 χ^2 /NDF: 51477.9/49

- sign -17.133 $\pm$ 0.051 χ^2 /NDF: 28979.4/23

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -4.422 ± 2.128 χ^2/NDF : 0.0/0

Left Out: 8.424 ± 0.046 χ^2/NDF : 6478.6/24

Right Out: 32.250 ± 1.635 χ^2/NDF : 0.0/0

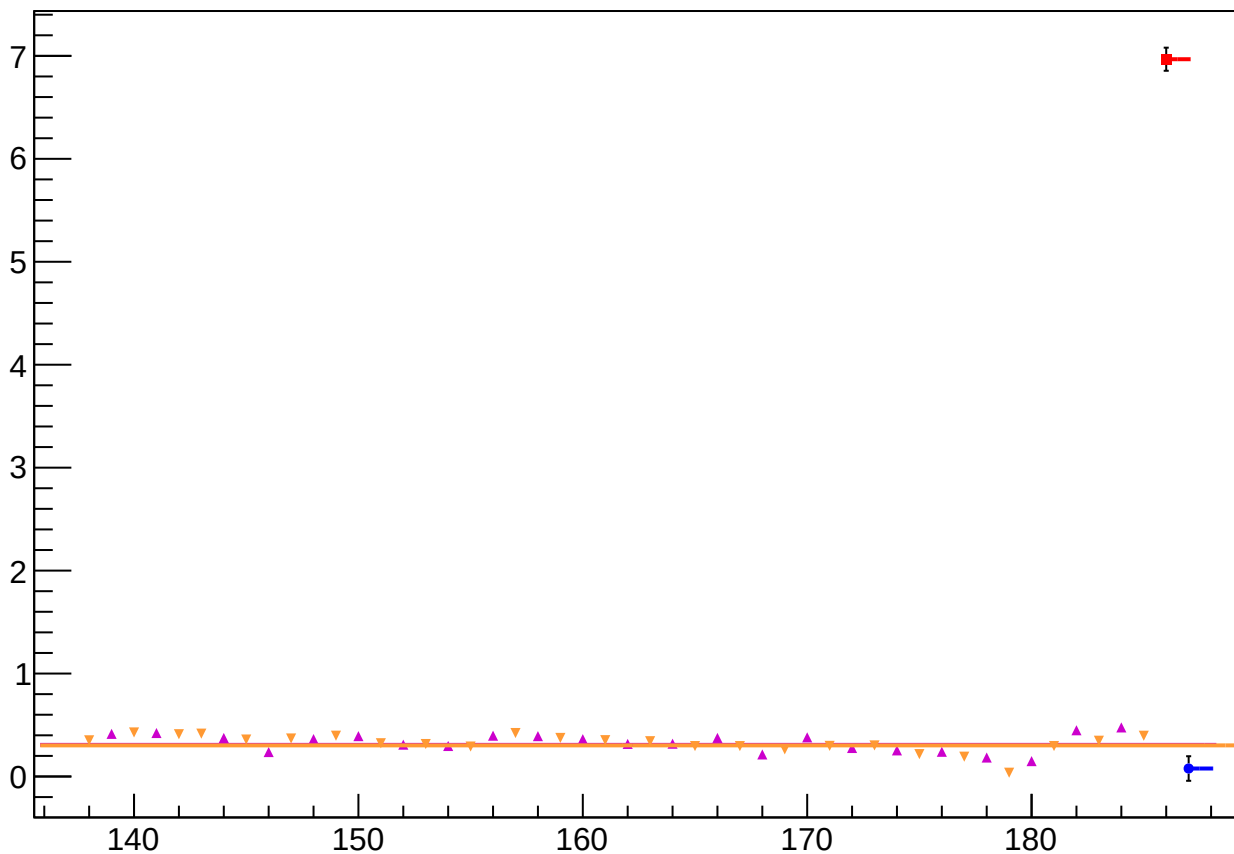
Left In: 8.626 ± 0.046 χ^2/NDF : 5531.9/22

+ sign 8.418 ± 0.046 χ^2/NDF : 6515.0/25

All: 8.530 ± 0.032 χ^2/NDF : 12267.6/49

- sign 8.645 ± 0.046 χ^2/NDF : 5740.4/23

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.078 $\pm$ 0.119 χ^2 /NDF: 0.0/0

Left Out: 0.302 $\pm$ 0.002 χ^2 /NDF:1589.8/24

Right Out: 6.968 $\pm$ 0.112 χ^2 /NDF: 0.0/0

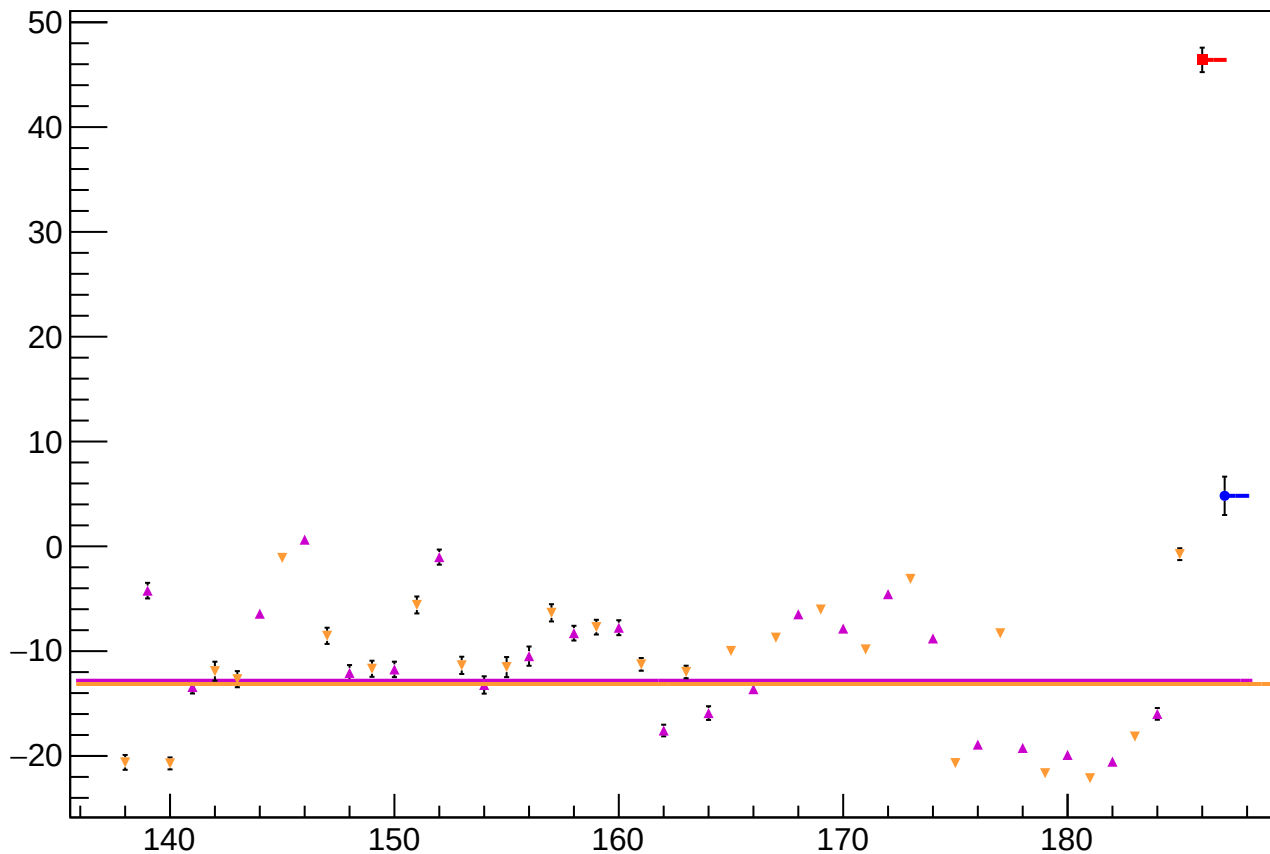
Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22

+ sign 0.302 $\pm$ 0.002 χ^2 /NDF: 1593.4/25

All: 0.306 $\pm$ 0.001 χ^2 /NDF: 6839.5/49

- sign 0.309 $\pm$ 0.002 χ^2 /NDF: 5240.2/23

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 4.820 $\pm$ 1.829 χ^2 /NDF: 0.0/0

Left Out: -13.133 $\pm$ 0.094 χ^2 /NDF: 5974.5/24

Right Out: 46.411 $\pm$ 1.167 χ^2 /NDF: 0.0/0

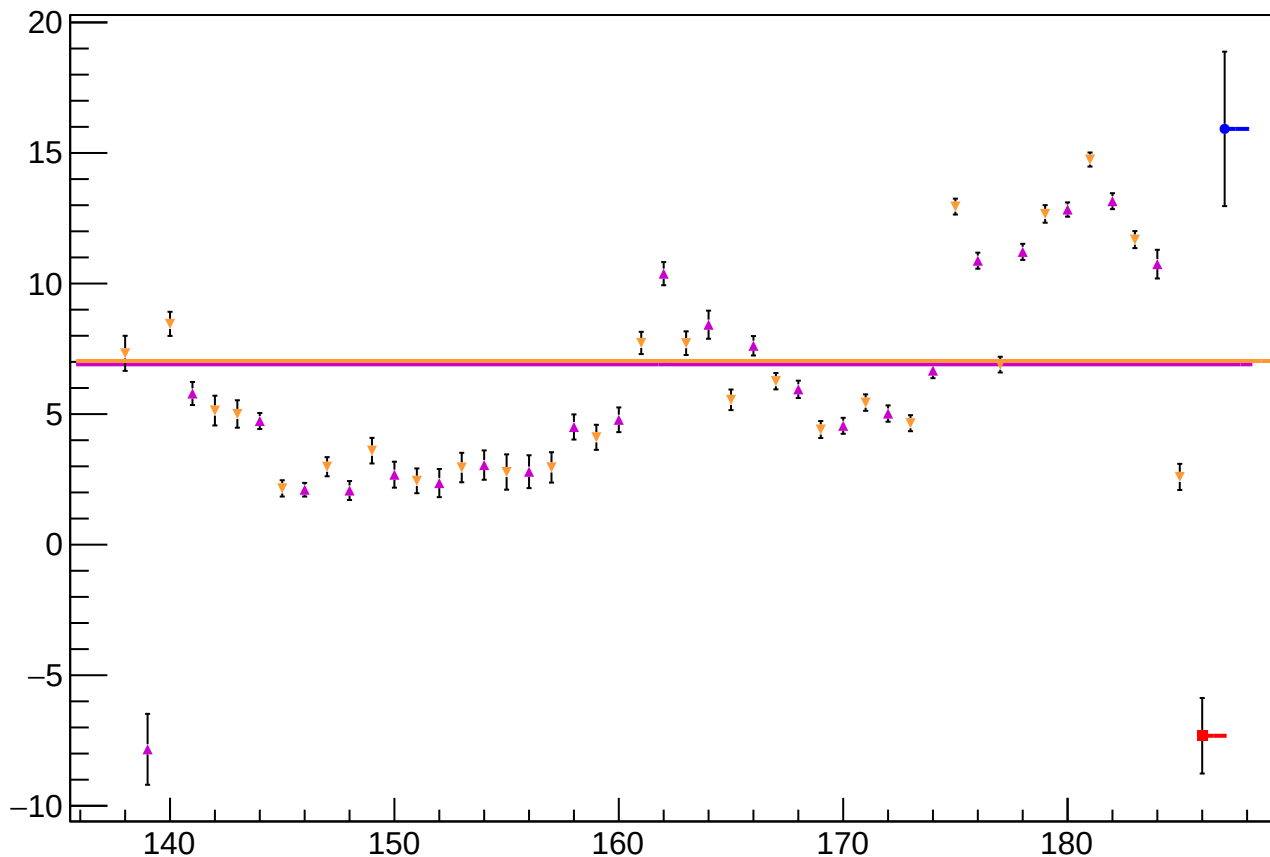
Left In: -12.823 $\pm$ 0.095 χ^2 /NDF: 4841.5/22

+ sign -13.086 $\pm$ 0.094 χ^2 /NDF: 6070.6/25

All: -12.763 $\pm$ 0.066 χ^2 /NDF: 13497.6/49

- sign -12.435 $\pm$ 0.094 χ^2 /NDF: 7403.1/23

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 15.923+/-2.957 χ^2 /NDF: 0.0/0

Left Out: 7.034+/-0.077 χ^2 /NDF:2657.5/24

Right Out: -7.318+/-1.446 χ^2 /NDF: 0.0/0

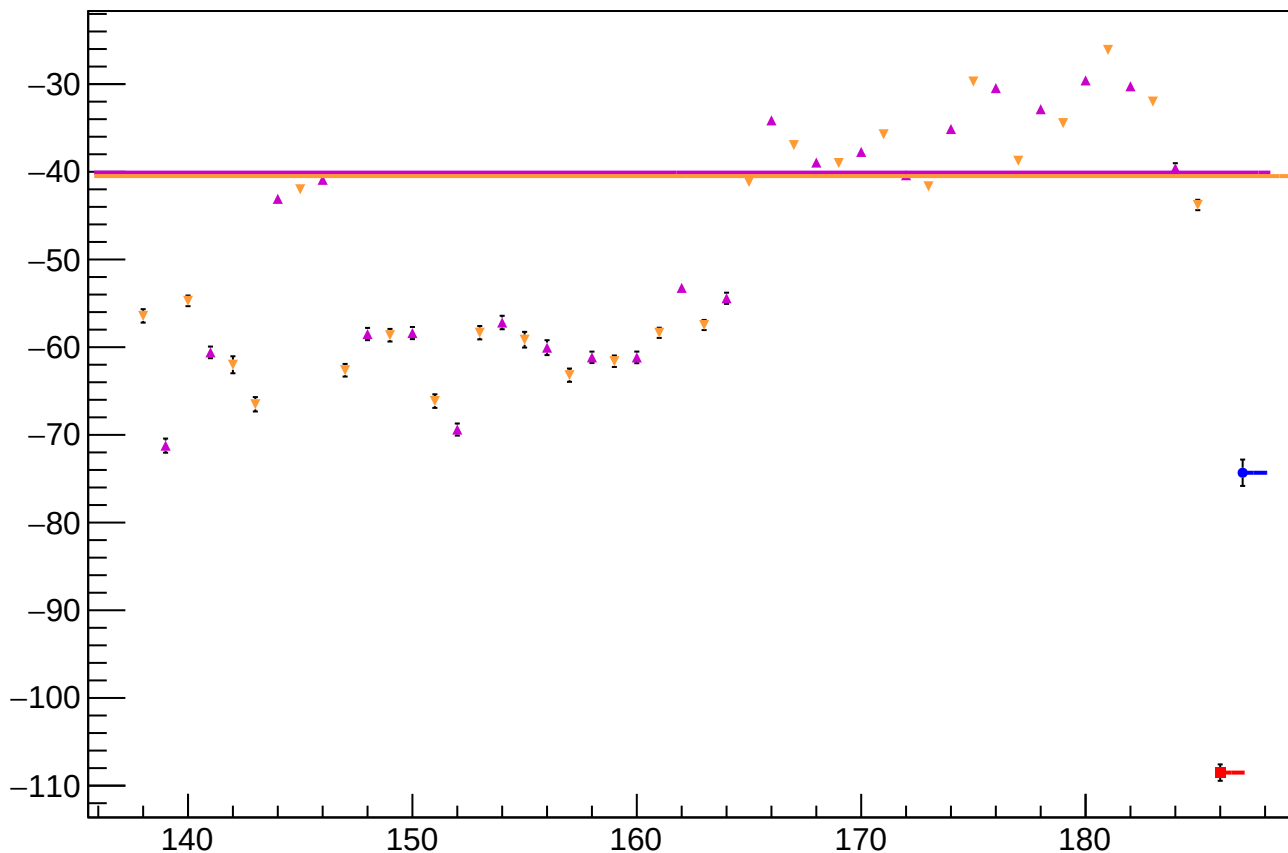
Left In: 6.906+/-0.077 χ^2 /NDF:2442.8/22

+ sign 7.040+/-0.077 χ^2 /NDF: 2666.5/25

All: 6.953+/-0.055 χ^2 /NDF: 5208.5/49

- sign 6.865+/-0.077 χ^2 /NDF: 2539.4/23

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -74.319 ± 1.503 χ^2/NDF : 0.0/0

Left Out: -40.492 ± 0.095 χ^2/NDF : 15435.0/24

Right Out: -108.510 ± 0.936 χ^2/NDF : 0.0/0

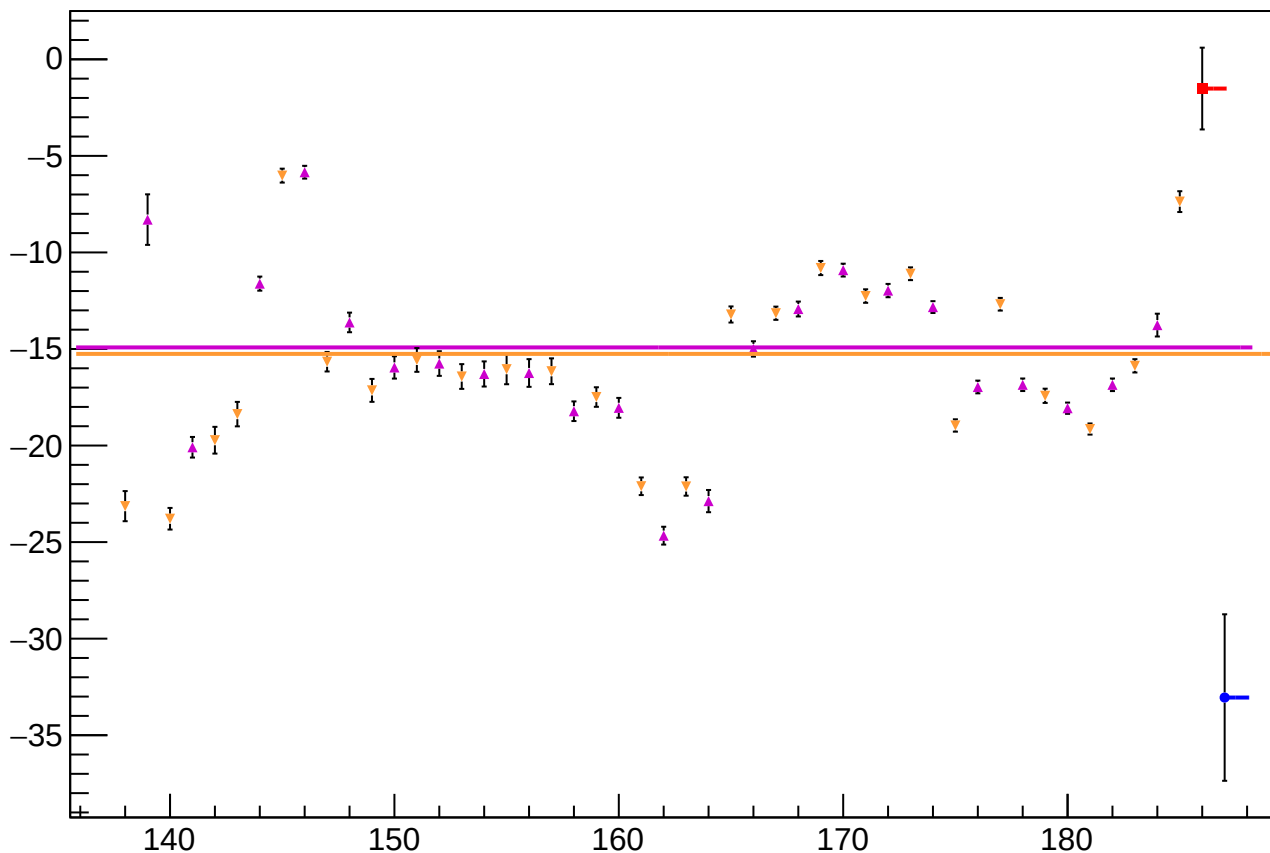
Left In: -40.091 ± 0.095 χ^2/NDF : 14103.5/22

+ sign -40.627 ± 0.095 χ^2/NDF : 15939.4/25

All: -40.709 ± 0.067 χ^2/NDF : 35337.0/49

- sign -40.793 ± 0.095 χ^2/NDF : 19396.1/23

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -33.050 $\pm$ 4.311 χ^2 /NDF: 0.0/0

Left Out: -15.254 $\pm$ 0.086 χ^2 /NDF:2594.4/24

Right Out: -1.514 $\pm$ 2.118 χ^2 /NDF: 0.0/0

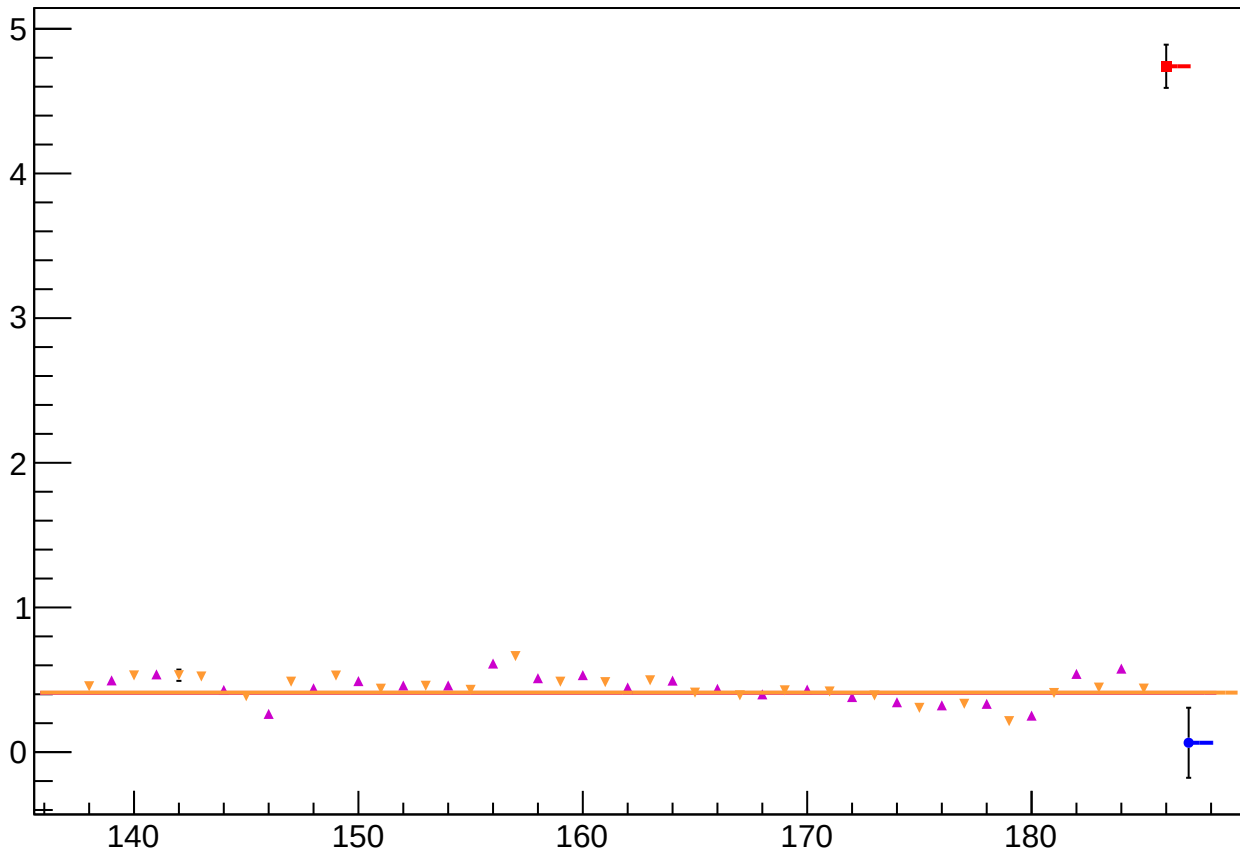
Left In: -14.919 $\pm$ 0.087 χ^2 /NDF:2207.7/22

+ sign -15.261 $\pm$ 0.086 χ^2 /NDF: 2611.4/25

All: -15.080 $\pm$ 0.061 χ^2 /NDF: 4868.1/49

- sign -14.897 $\pm$ 0.086 χ^2 /NDF: 2247.7/23

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.065+/-0.242 χ^2/NDF : 0.0/0

Left Out: 0.411+/-0.004 χ^2/NDF : 428.8/24

Right Out: 4.741+/-0.149 χ^2/NDF : 0.0/0

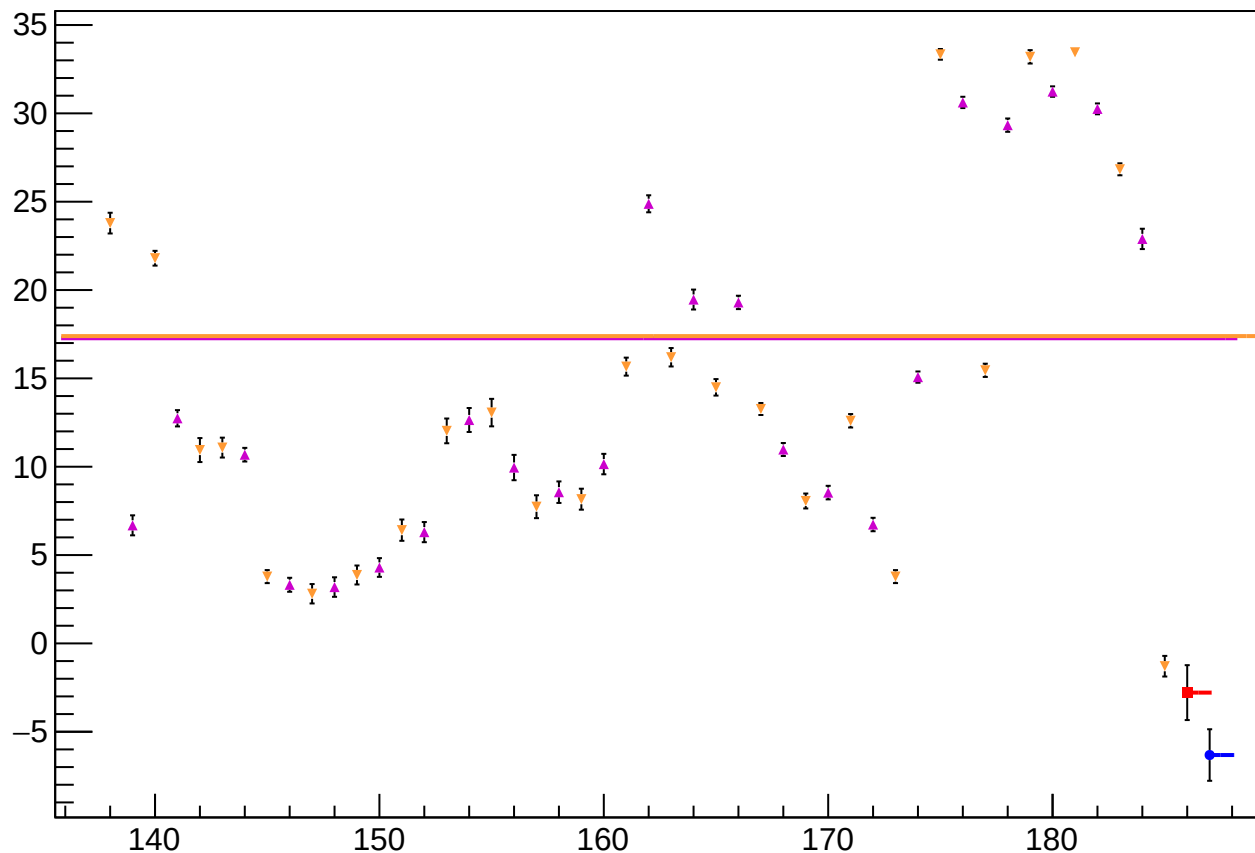
Left In: 0.409+/-0.004 χ^2/NDF : 561.9/22

+ sign 0.411+/-0.004 χ^2/NDF : 430.8/25

All: 0.412+/-0.003 χ^2/NDF : 1833.1/49

- sign 0.412+/-0.004 χ^2/NDF : 1402.3/23

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: -6.318 $\pm$ 1.459 χ^2 /NDF: 0.0/0

Left Out: 17.393 $\pm$ 0.087 χ^2 /NDF:16305.7/24

Right Out: -2.785 $\pm$ 1.554 χ^2 /NDF: 0.0/0

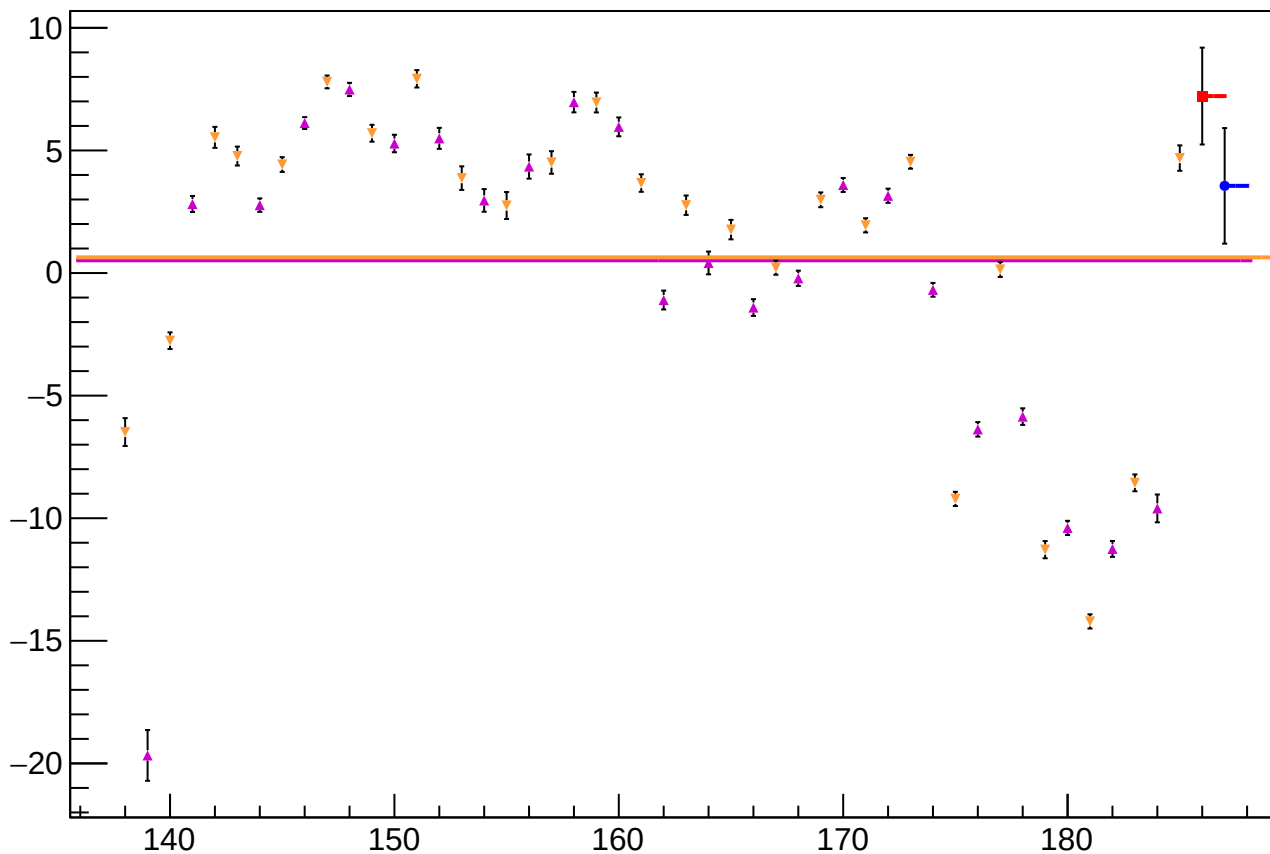
Left In: 17.271 $\pm$ 0.088 χ^2 /NDF:12892.2/22

+ sign 17.309 $\pm$ 0.087 χ^2 /NDF: 16569.0/25

All: 17.258 $\pm$ 0.062 χ^2 /NDF: 29628.0/49

- sign 17.206 $\pm$ 0.088 χ^2 /NDF: 13058.3/23

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 3.556 $\pm$ 2.357 χ^2 /NDF: 0.0/0

Left Out: 0.639 $\pm$ 0.070 χ^2 /NDF:8514.9/24

Right Out: 7.217 $\pm$ 1.975 χ^2 /NDF: 0.0/0

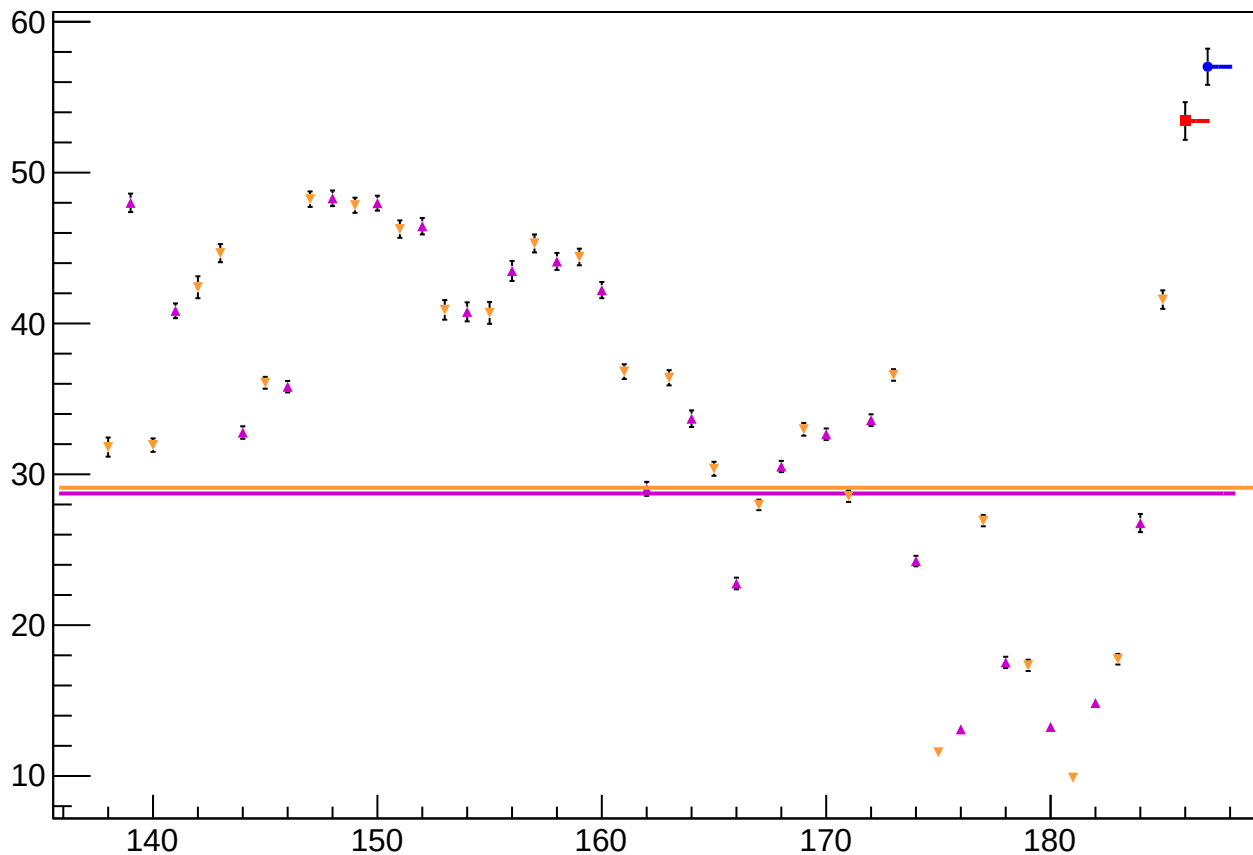
Left In: 0.519 $\pm$ 0.071 χ^2 /NDF:6776.8/22

+ sign 0.642 $\pm$ 0.069 χ^2 /NDF: 8516.4/25

All: 0.586 $\pm$ 0.049 χ^2 /NDF: 15306.0/49

- sign 0.528 $\pm$ 0.071 χ^2 /NDF: 6788.3/23

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 57.019+/-1.199 χ^2/NDF : 0.0/0

Left Out: 29.110+/-0.088 χ^2/NDF : 18845.8/24

Right Out: 53.423+/-1.248 χ^2/NDF : 0.0/0

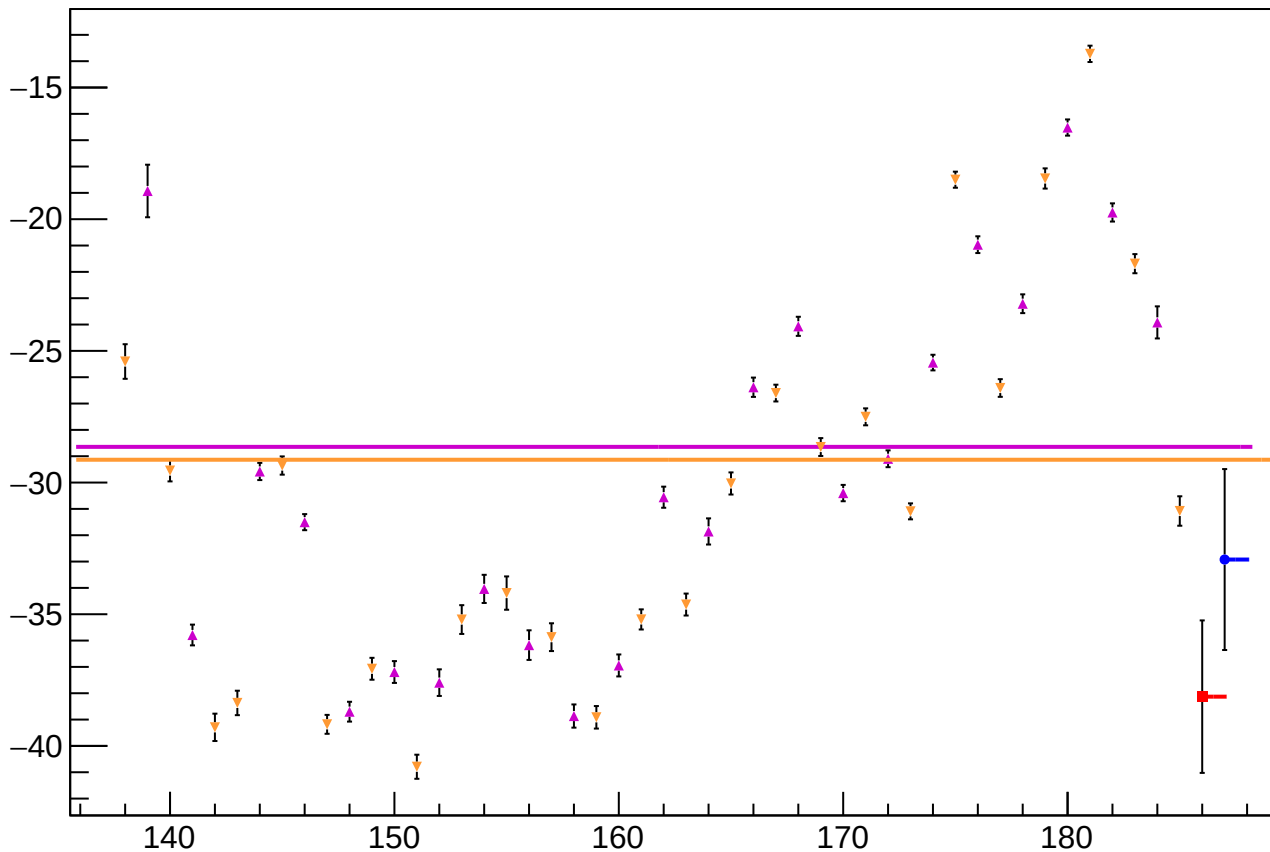
Left In: 28.728+/-0.089 χ^2/NDF : 17037.4/22

+ sign 29.259+/-0.088 χ^2/NDF : 19384.7/25

All: 29.058+/-0.062 χ^2/NDF : 36822.3/49

- sign 28.852+/-0.089 χ^2/NDF : 17426.9/23

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -32.923 ± 3.435 χ^2/NDF : 0.0/0

Left Out: -29.134 ± 0.078 χ^2/NDF : 8998.0/24

Right Out: -38.130 ± 2.895 χ^2/NDF : 0.0/0

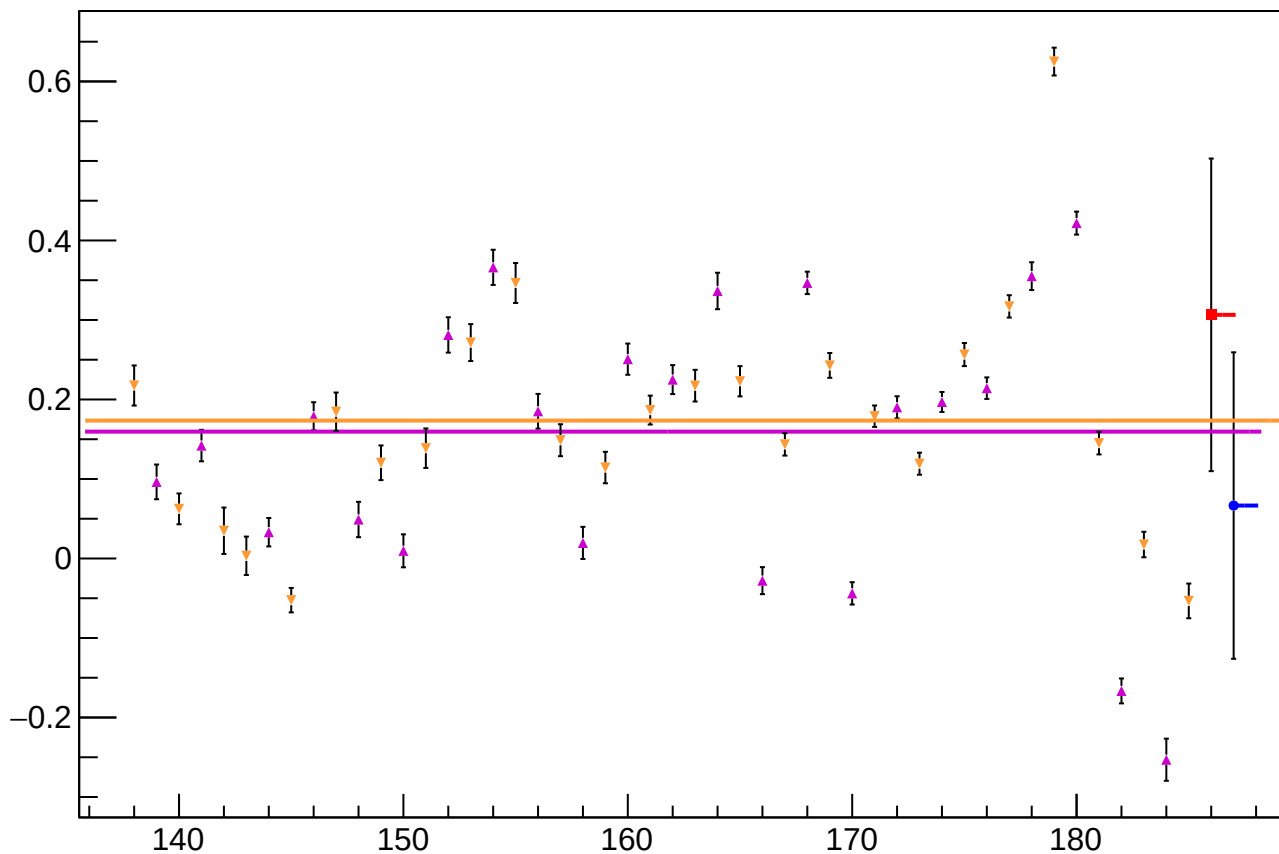
Left In: -28.645 ± 0.080 χ^2/NDF : 6693.5/22

+ sign -29.136 ± 0.078 χ^2/NDF : 8999.2/25

All: -28.897 ± 0.056 χ^2/NDF : 15722.3/49

- sign -28.652 ± 0.079 χ^2/NDF : 6704.2/23

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.067 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Left Out: 0.173 $\pm$ 0.004 χ^2 /NDF:1468.8/24

Right Out: 0.306 $\pm$ 0.197 χ^2 /NDF: 0.0/0

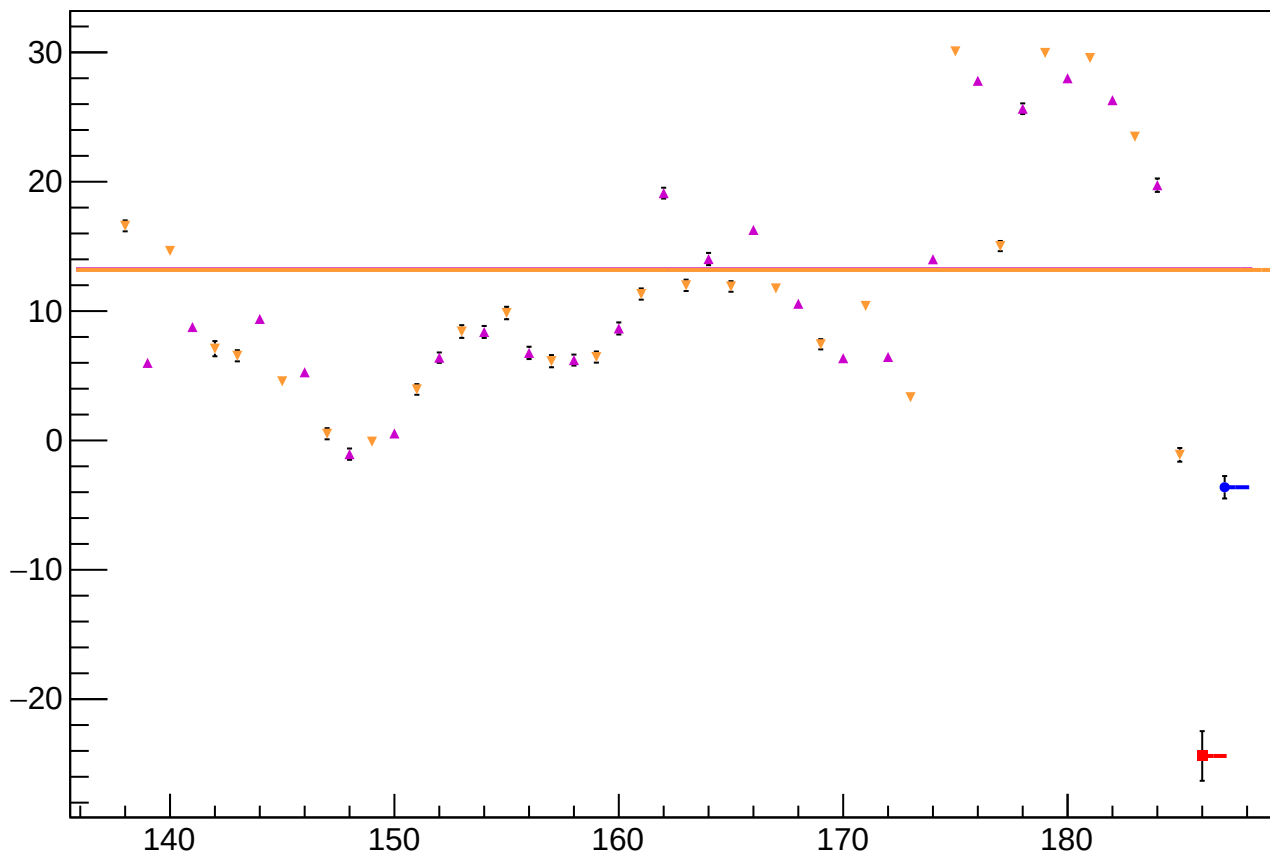
Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22

+ sign 0.173 $\pm$ 0.004 χ^2 /NDF: 1469.1/25

All: 0.167 $\pm$ 0.003 χ^2 /NDF: 3540.7/49

- sign 0.160 $\pm$ 0.004 χ^2 /NDF: 2064.3/23

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: -3.618+/-0.867 χ^2 /NDF: 0.0/0

Left Out: 13.181+/-0.075 χ^2 /NDF:17039.3/24

Right Out: -24.391+/-1.919 χ^2 /NDF: 0.0/0

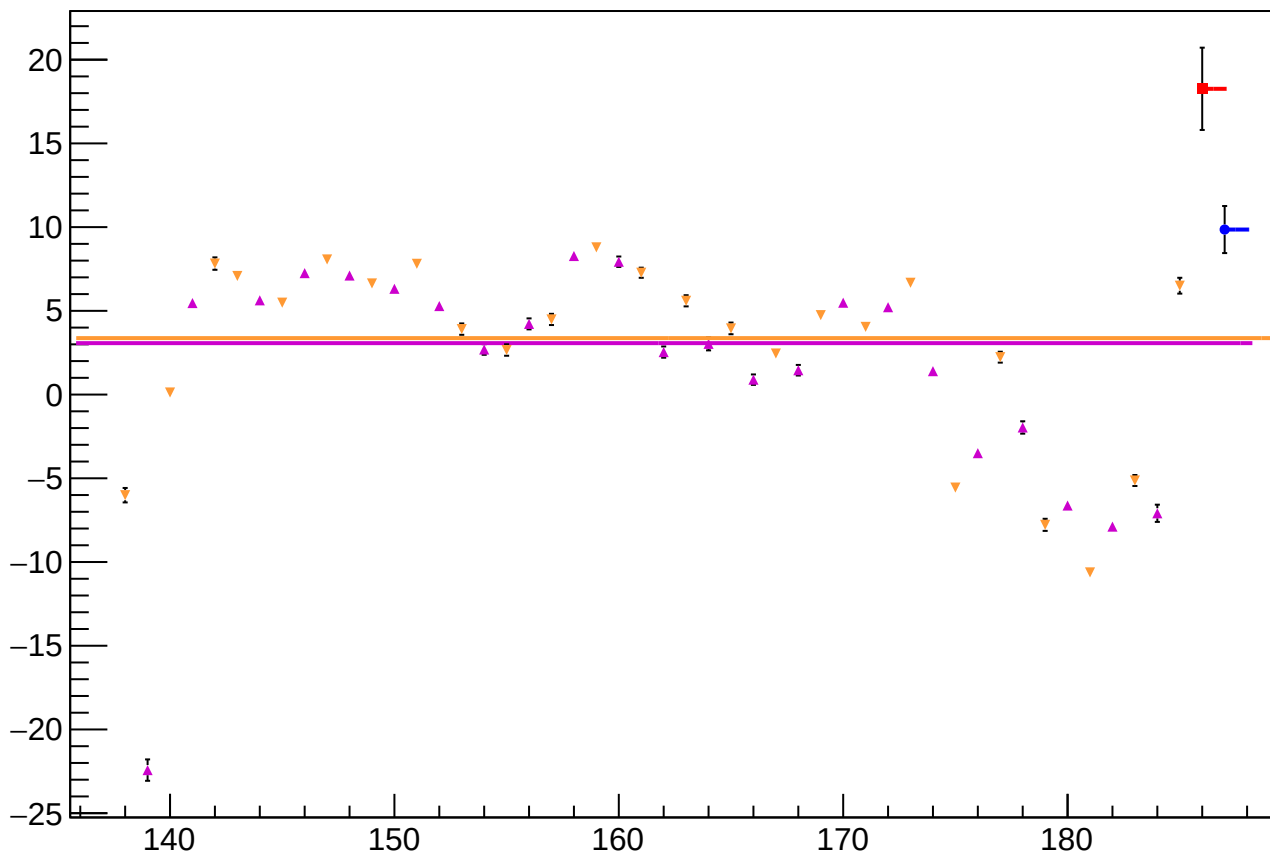
Left In: 13.228+/-0.077 χ^2 /NDF:14126.1/22

+ sign 13.055+/-0.075 χ^2 /NDF: 17411.7/25

All: 13.111+/-0.054 χ^2 /NDF: 31922.6/49

- sign 13.168+/-0.077 χ^2 /NDF: 14509.8/23

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 9.855 $\pm$ 1.405 χ^2 /NDF: 0.0/0

Left Out: 3.372 $\pm$ 0.059 χ^2 /NDF:8053.7/24

Right Out: 18.260 $\pm$ 2.457 χ^2 /NDF: 0.0/0

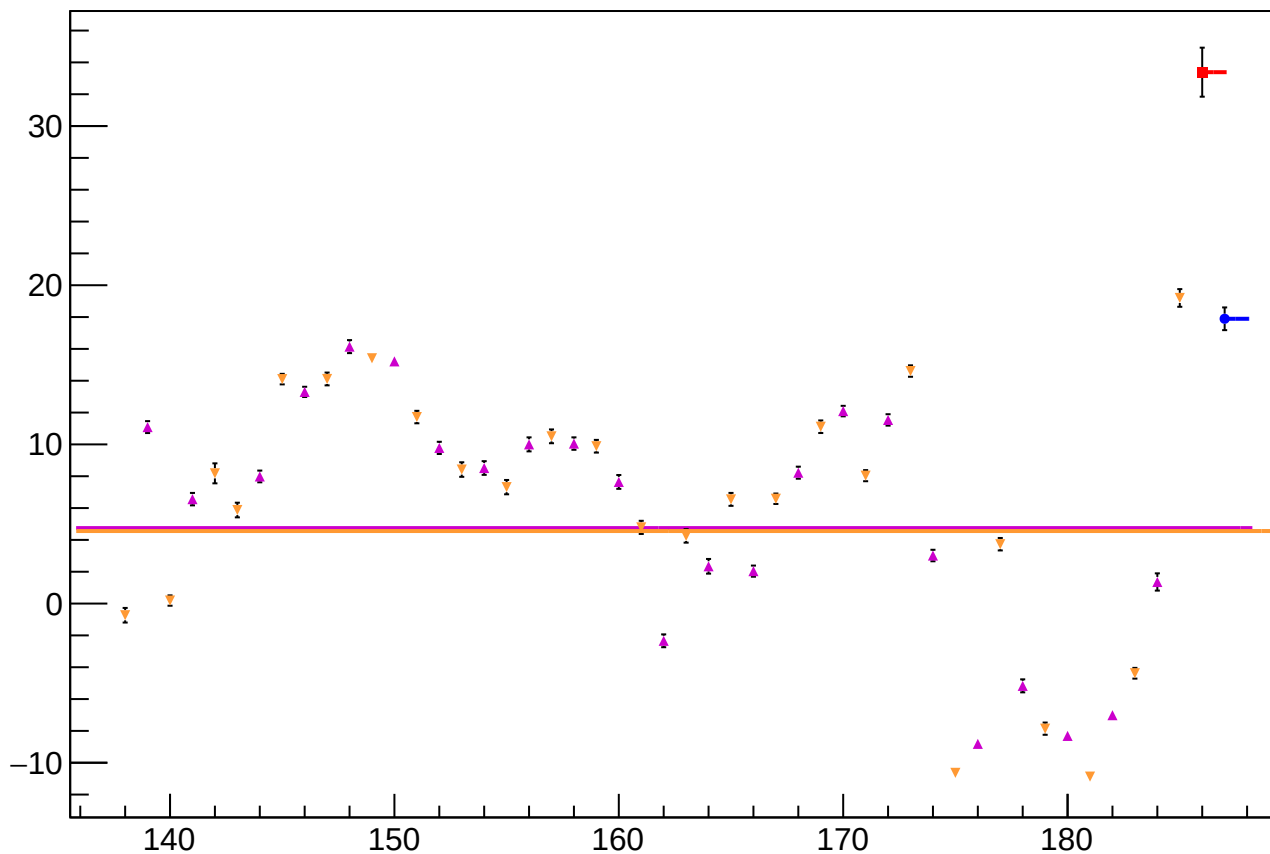
Left In: 3.071 $\pm$ 0.060 χ^2 /NDF:7269.0/22

+ sign 3.383 $\pm$ 0.058 χ^2 /NDF: 8074.9/25

All: 3.237 $\pm$ 0.042 χ^2 /NDF: 15395.1/49

- sign 3.080 $\pm$ 0.060 χ^2 /NDF: 7307.2/23

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 17.892 ± 0.713 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 4.557 ± 0.076 $\chi^2/\text{NDF}: 13588.4/24$

Right Out: 33.385 ± 1.540 $\chi^2/\text{NDF}: 0.0/0$

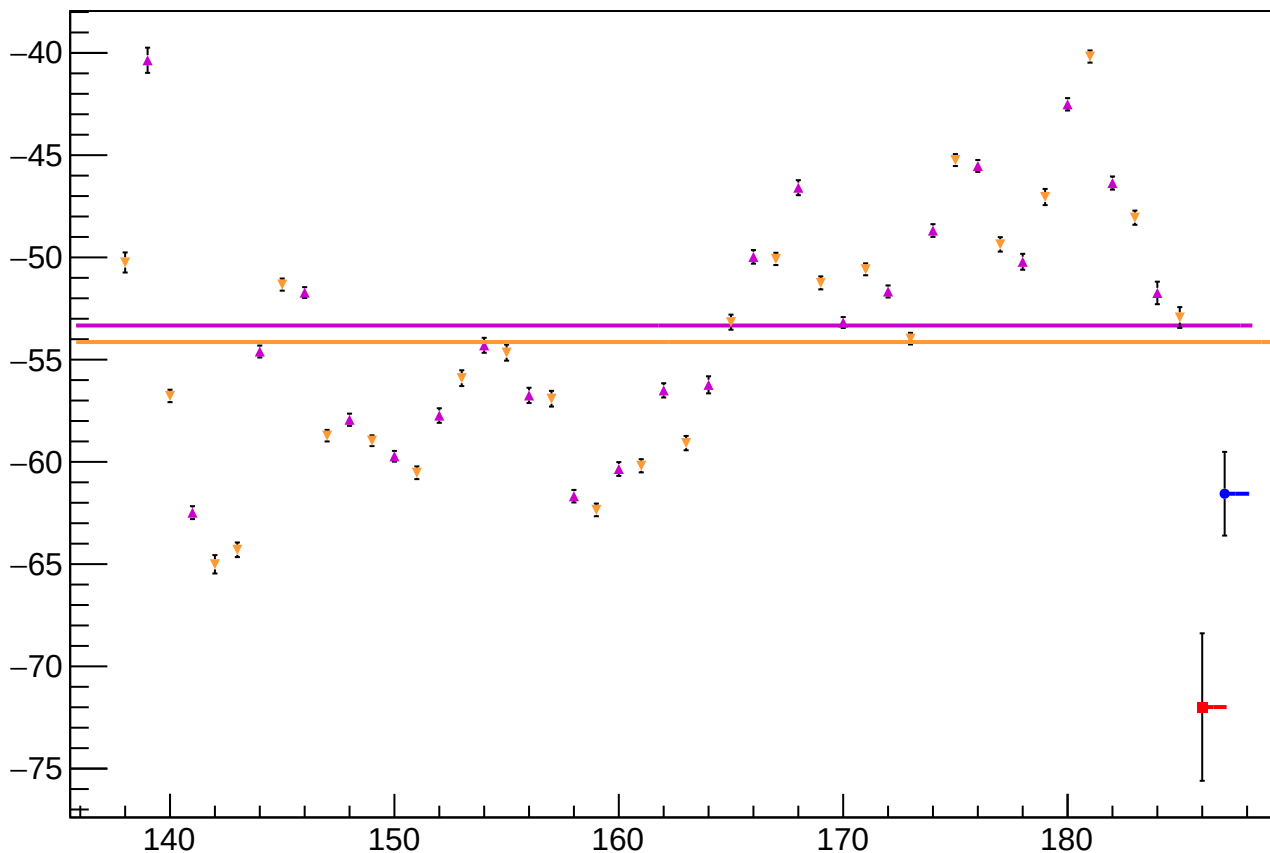
Left In: 4.741 ± 0.076 $\chi^2/\text{NDF}: 11418.2/22$

+ sign 4.705 ± 0.075 $\chi^2/\text{NDF}: 13933.9/25$

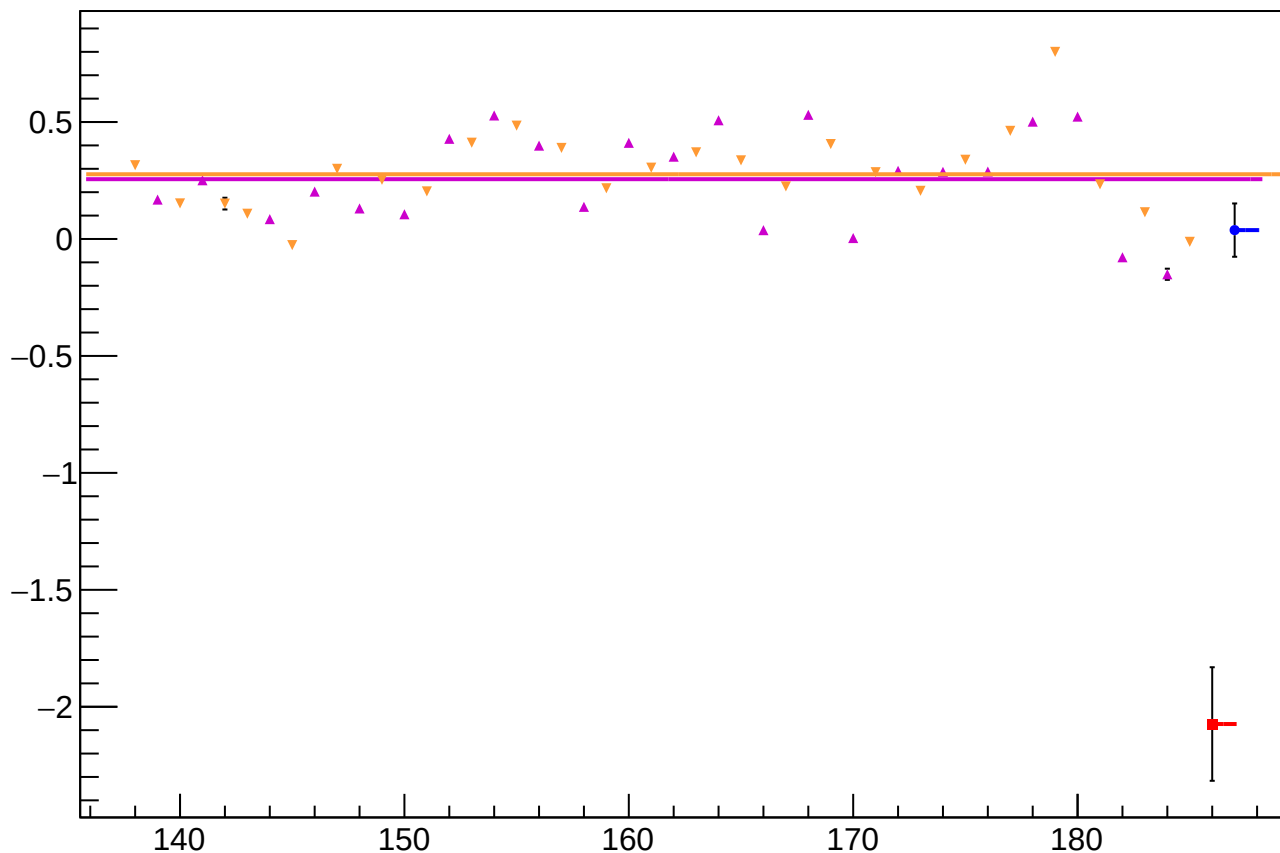
All: 4.757 ± 0.054 $\chi^2/\text{NDF}: 25698.3/49$

- sign 4.812 ± 0.076 $\chi^2/\text{NDF}: 11763.3/23$

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.038 $\pm$ 0.114 χ^2 /NDF: 0.0/0

Left Out: 0.277 $\pm$ 0.003 χ^2 /NDF:2606.0/24

Right Out: -2.074 $\pm$ 0.243 χ^2 /NDF: 0.0/0

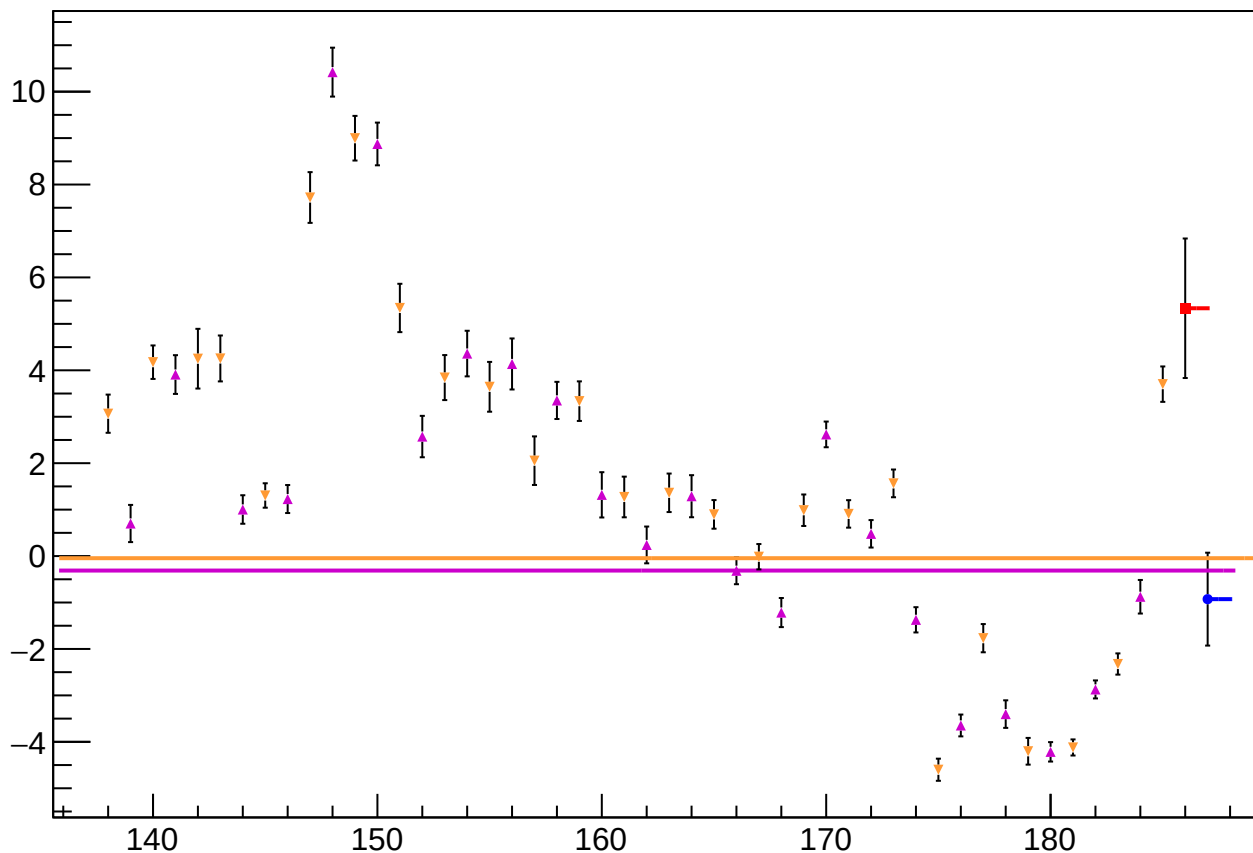
Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

+ sign 0.277 $\pm$ 0.003 χ^2 /NDF: 2610.4/25

All: 0.266 $\pm$ 0.002 χ^2 /NDF: 6370.5/49

- sign 0.255 $\pm$ 0.003 χ^2 /NDF: 3736.0/23

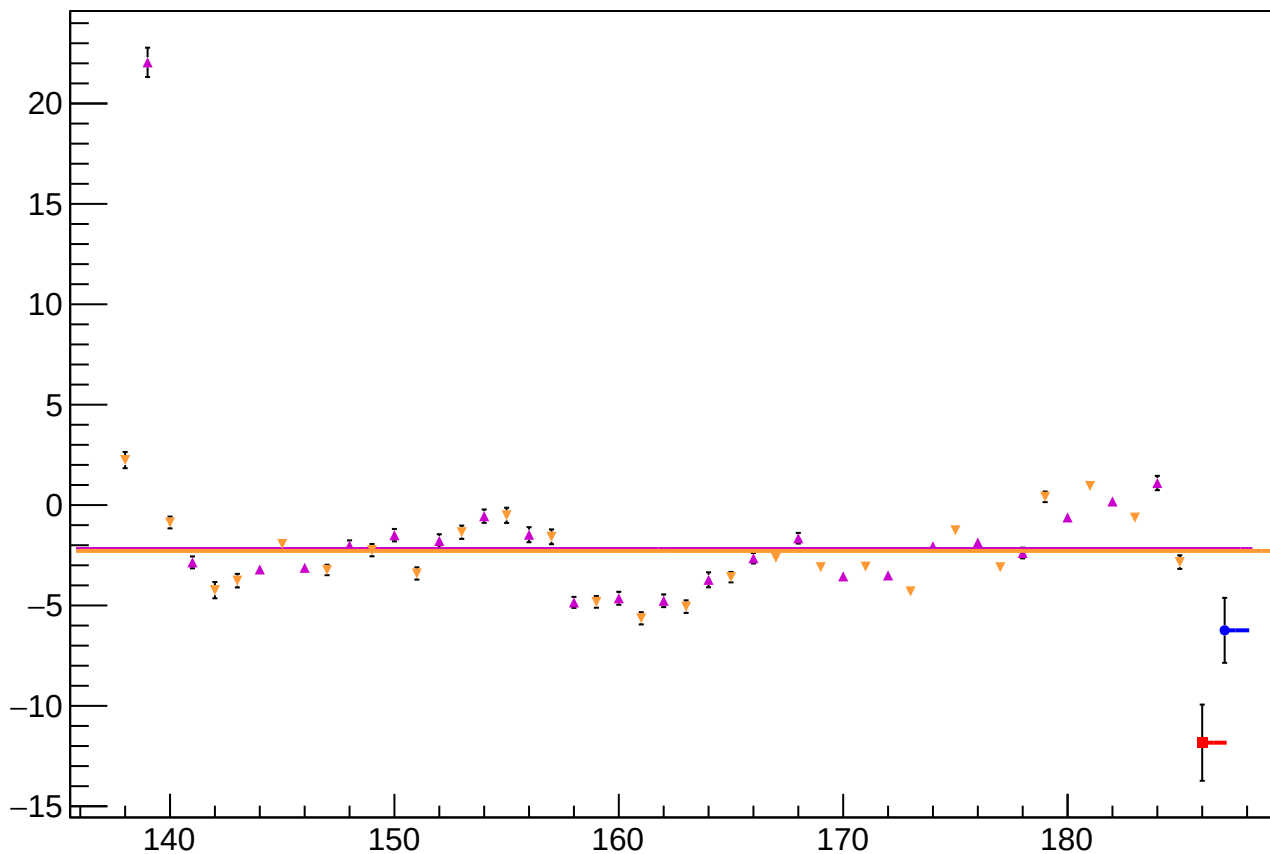
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: -0.927 ± 1.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.046 ± 0.066 $\chi^2/\text{NDF}: 2628.9/24$
 Right Out: 5.336 ± 1.502 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.312 ± 0.067 $\chi^2/\text{NDF}: 2252.6/22$

+ sign -0.050 ± 0.066 $\chi^2/\text{NDF}: 2629.7/25$
 All: -0.173 ± 0.047 $\chi^2/\text{NDF}: 4903.6/49$
 - sign -0.301 ± 0.067 $\chi^2/\text{NDF}: 2266.7/23$

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: -6.238+/-1.618 χ^2 /NDF: 0.0/0

Left Out: -2.283+/-0.054 χ^2 /NDF:1132.1/24

Right Out: -11.834+/-1.898 χ^2 /NDF: 0.0/0

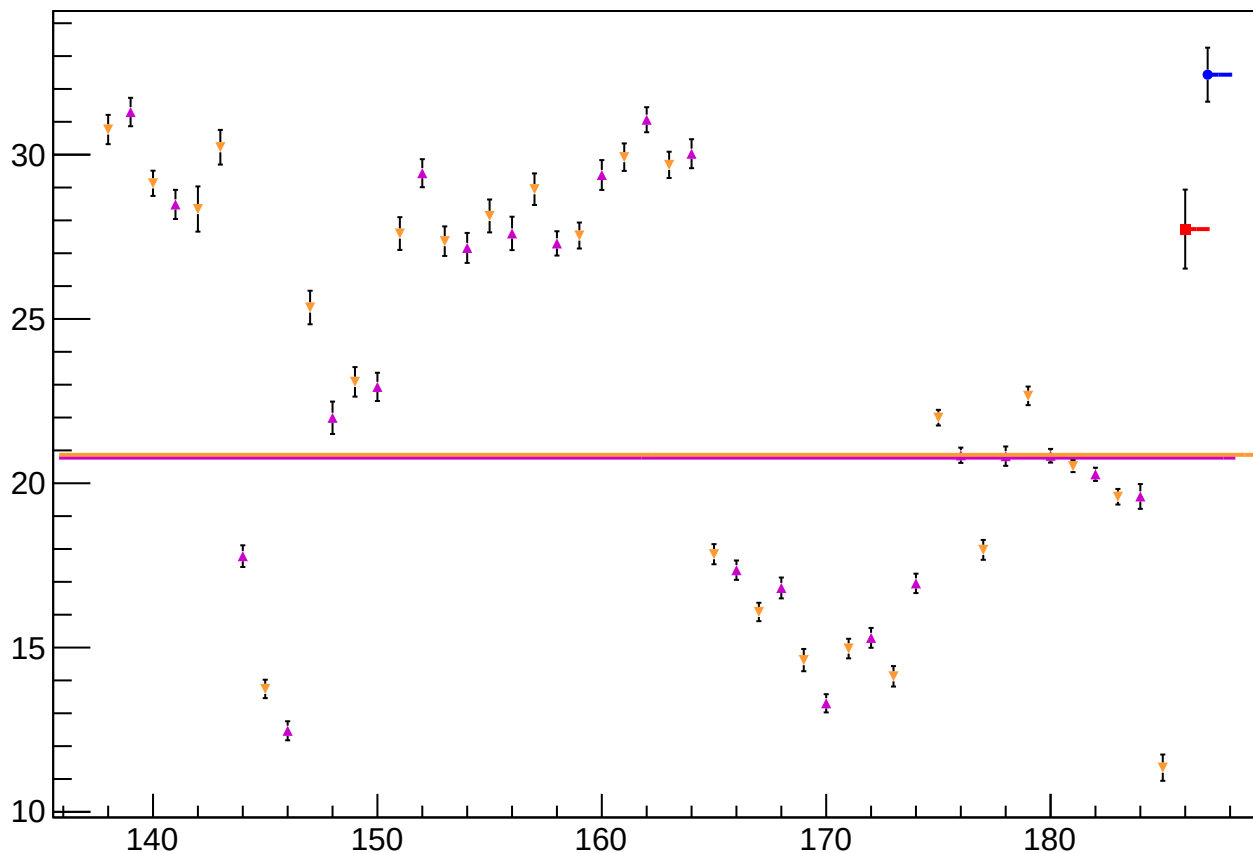
Left In: -2.190+/-0.055 χ^2 /NDF:1785.1/22

+ sign -2.287+/-0.054 χ^2 /NDF: 1138.1/25

All: -2.243+/-0.039 χ^2 /NDF: 2950.3/49

- sign -2.198+/-0.055 χ^2 /NDF: 1810.9/23

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 32.434 $\pm$ 0.822 χ^2 /NDF: 0.0/0

Left Out: 20.865 $\pm$ 0.067 χ^2 /NDF:6608.4/24

Right Out: 27.735 $\pm$ 1.202 χ^2 /NDF: 0.0/0

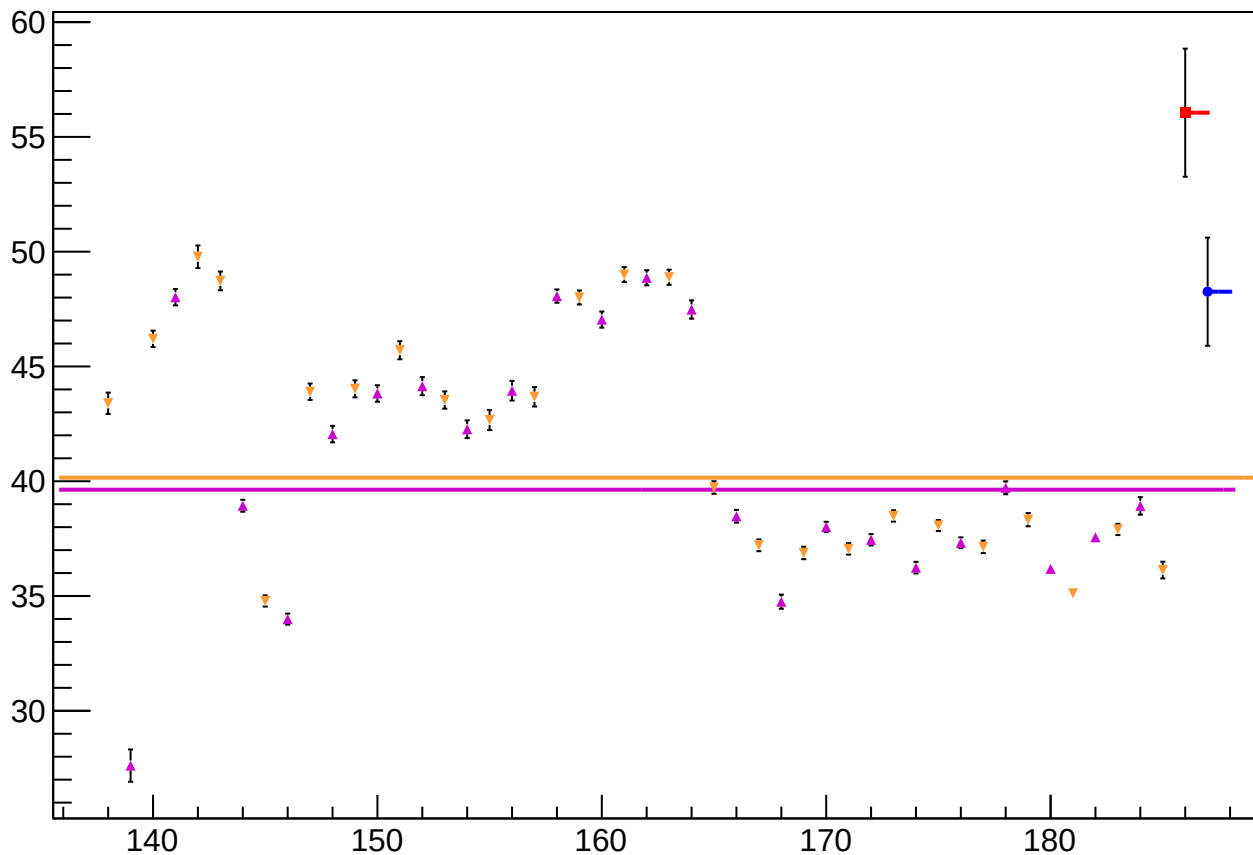
Left In: 20.780 $\pm$ 0.067 χ^2 /NDF:5988.0/22

+ sign 20.941 $\pm$ 0.067 χ^2 /NDF: 6805.1/25

All: 20.872 $\pm$ 0.047 χ^2 /NDF: 12828.7/49

- sign 20.801 $\pm$ 0.067 χ^2 /NDF: 6021.4/23

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 48.257 $\pm$ 2.358 χ^2 /NDF: 0.0/0

Left Out: 40.154 $\pm$ 0.060 χ^2 /NDF: 5861.6/24

Right Out: 56.055 $\pm$ 2.789 χ^2 /NDF: 0.0/0

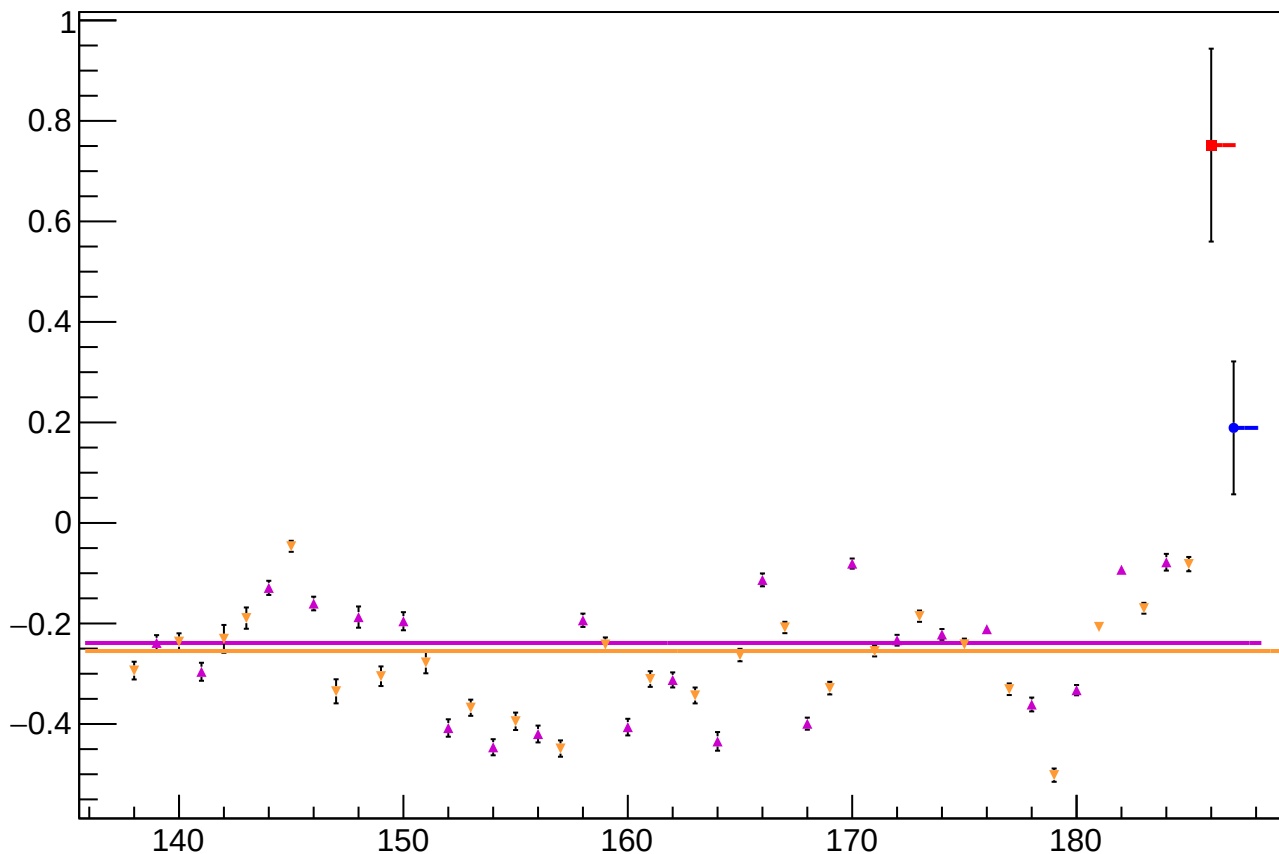
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ sign 40.159 $\pm$ 0.060 χ^2 /NDF: 5873.4/25

All: 39.903 $\pm$ 0.043 χ^2 /NDF: 11287.7/49

- sign 39.640 $\pm$ 0.061 χ^2 /NDF: 5378.0/23

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.189 ± 0.132 χ^2/NDF : 0.0/0

Left Out: -0.255 ± 0.003 χ^2/NDF : 1417.7/24

Right Out: 0.752 ± 0.192 χ^2/NDF : 0.0/0

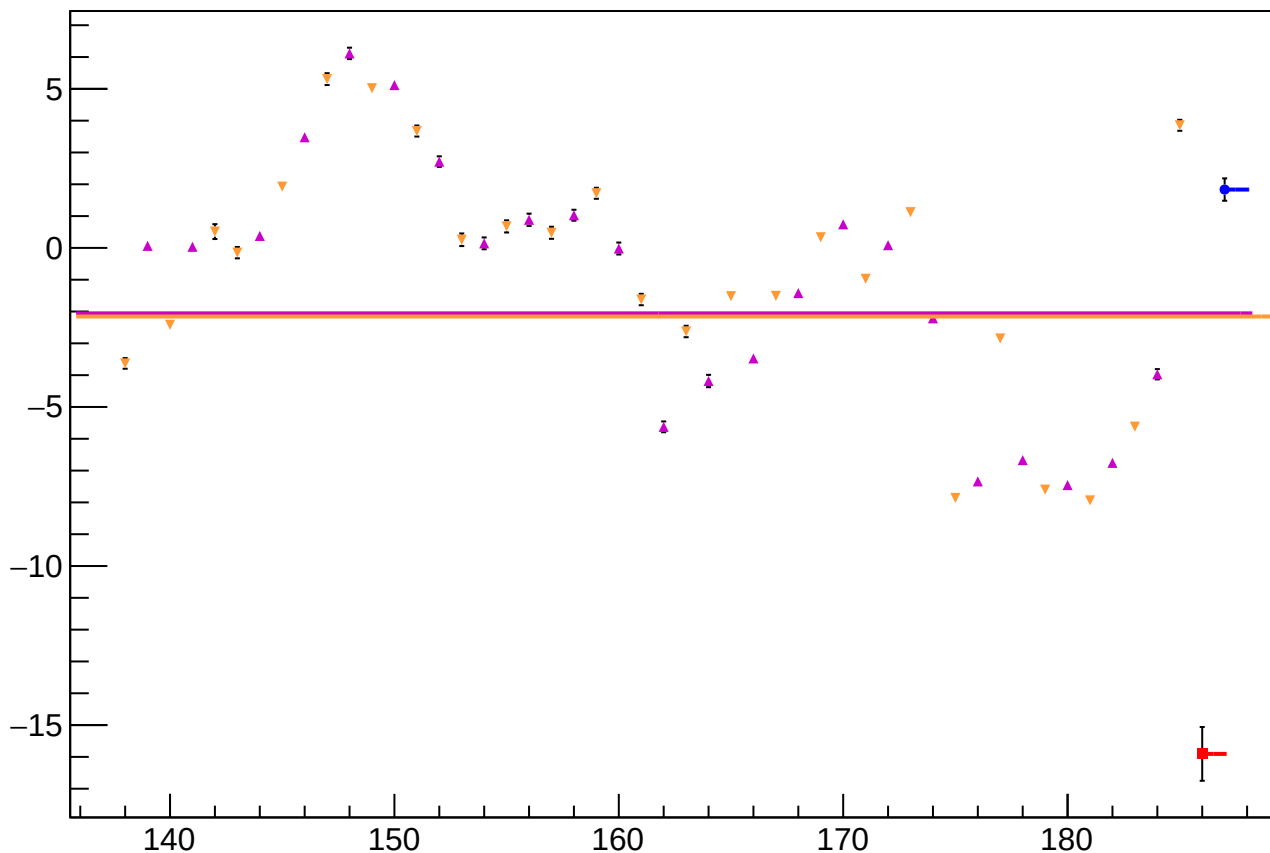
Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

+ sign -0.255 ± 0.003 χ^2/NDF : 1428.9/25

All: -0.247 ± 0.002 χ^2/NDF : 3222.4/49

- sign -0.239 ± 0.003 χ^2/NDF : 1776.7/23

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 1.834+/-0.352 χ^2/NDF : 0.0/0

Left Out: -2.156+/-0.026 χ^2/NDF : 24501.3/24

Right Out: -15.906+/-0.845 χ^2/NDF : 0.0/0

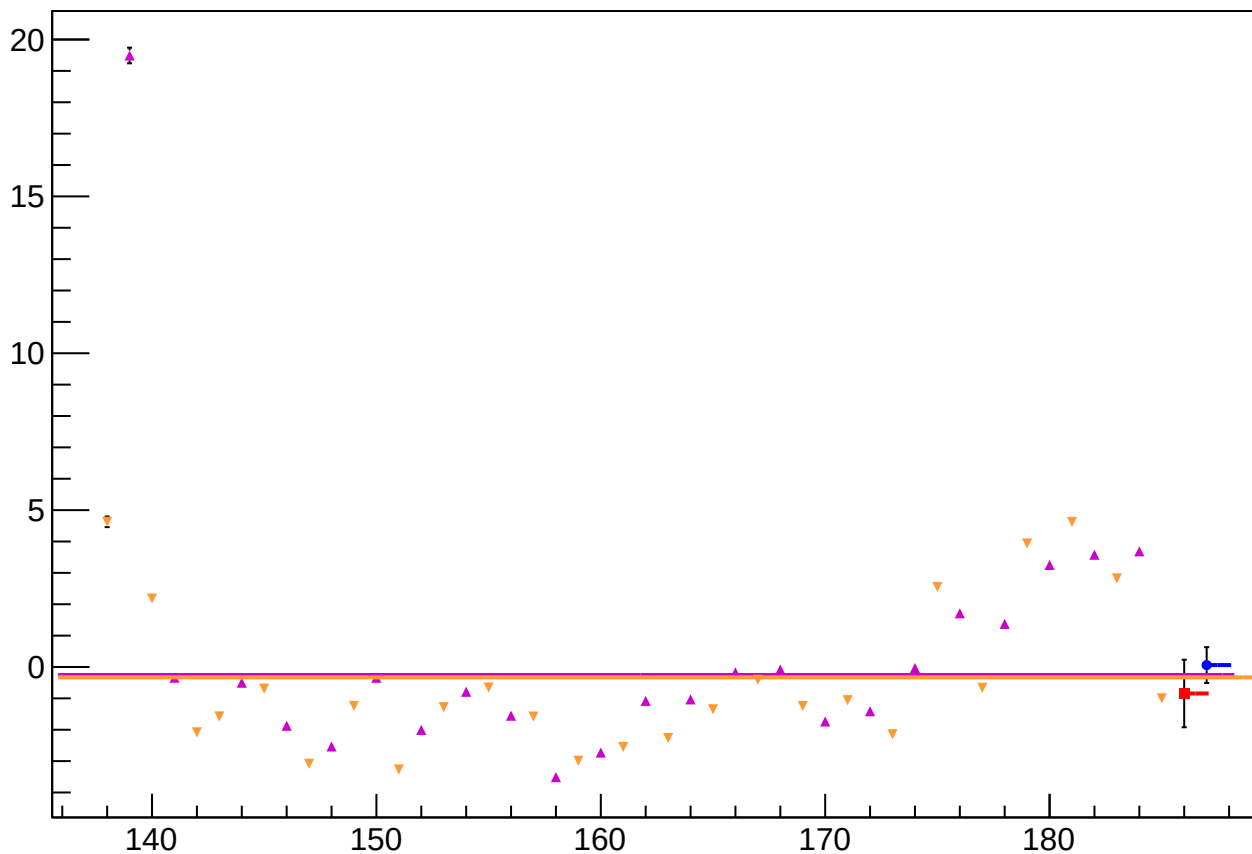
Left In: -2.058+/-0.026 χ^2/NDF : 23343.8/22

+ sign -2.135+/-0.026 χ^2/NDF : 24629.4/25

All: -2.103+/-0.018 χ^2/NDF : 48244.4/49

- sign -2.071+/-0.026 χ^2/NDF : 23611.8/23

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.061+/-0.571 χ^2/NDF : 0.0/0

Left Out: -0.331+/-0.021 χ^2/NDF :12552.3/24

Right Out: -0.845+/-1.076 χ^2/NDF : 0.0/0

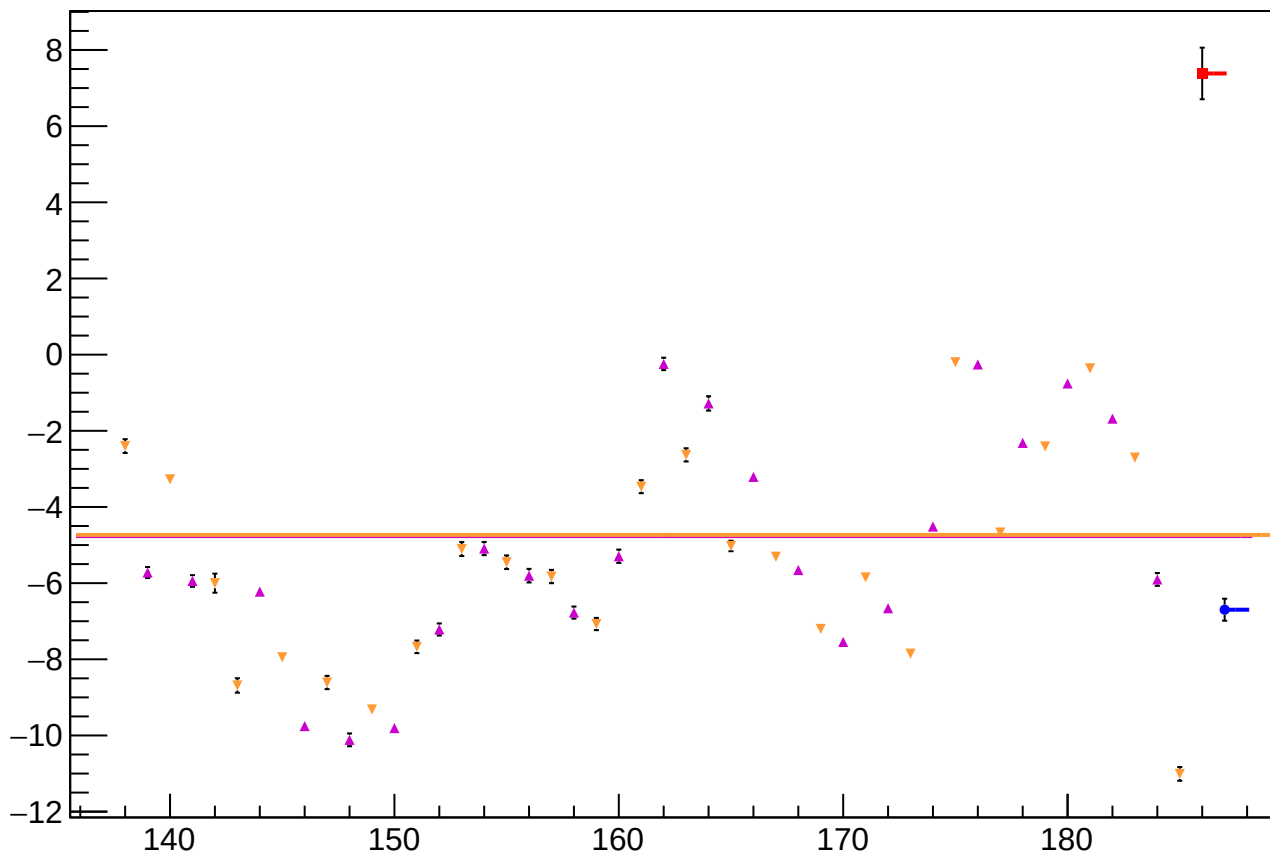
Left In: -0.255+/-0.021 χ^2/NDF :14162.0/22

+ sign -0.330+/-0.021 χ^2/NDF : 12552.8/25

All: -0.293+/-0.015 χ^2/NDF : 26721.7/49

- sign -0.255+/-0.021 χ^2/NDF : 14162.3/23

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -6.698+/-0.289 χ^2/NDF : 0.0/0

Left Out: -4.734+/-0.026 χ^2/NDF :13188.7/24

Right Out: 7.383+/-0.677 χ^2/NDF : 0.0/0

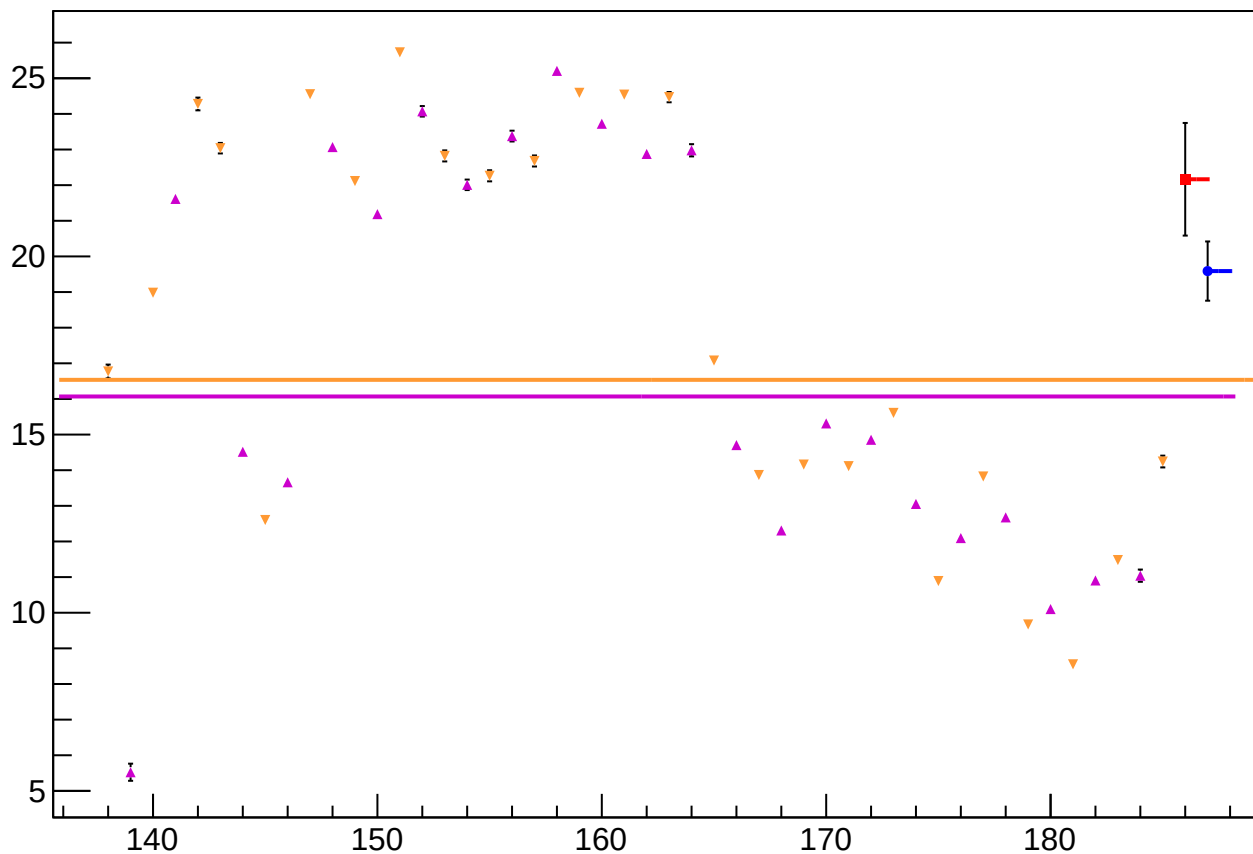
Left In: -4.764+/-0.026 χ^2/NDF :14163.2/22

+ sign -4.750+/-0.026 χ^2/NDF : 13234.4/25

All: -4.748+/-0.018 χ^2/NDF : 27718.9/49

- sign -4.747+/-0.026 χ^2/NDF : 14484.4/23

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 19.589 $\pm$ 0.831 χ^2 /NDF: 0.0/0

Left Out: 16.536 $\pm$ 0.023 χ^2 /NDF:53546.9/24

Right Out: 22.165 $\pm$ 1.581 χ^2 /NDF: 0.0/0

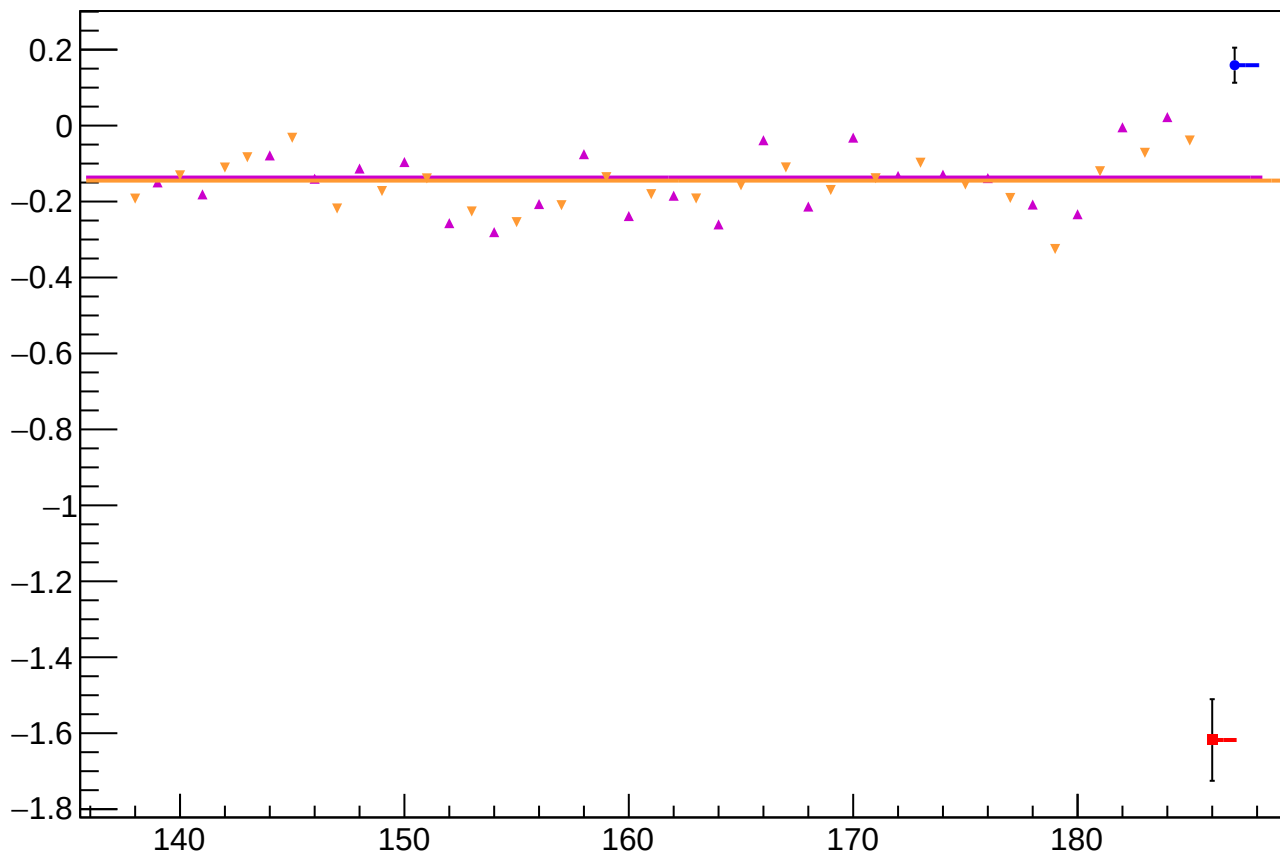
Left In: 16.069 $\pm$ 0.023 χ^2 /NDF:42736.3/22

+ sign 16.539 $\pm$ 0.023 χ^2 /NDF: 53560.4/25

All: 16.307 $\pm$ 0.016 χ^2 /NDF: 96512.9/49

- sign 16.071 $\pm$ 0.023 χ^2 /NDF: 42751.2/23

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.159 $\pm$ 0.046 χ^2 /NDF: 0.0/0

Left Out: -0.145 $\pm$ 0.001 χ^2 /NDF:3755.1/24

Right Out: -1.618 $\pm$ 0.107 χ^2 /NDF: 0.0/0

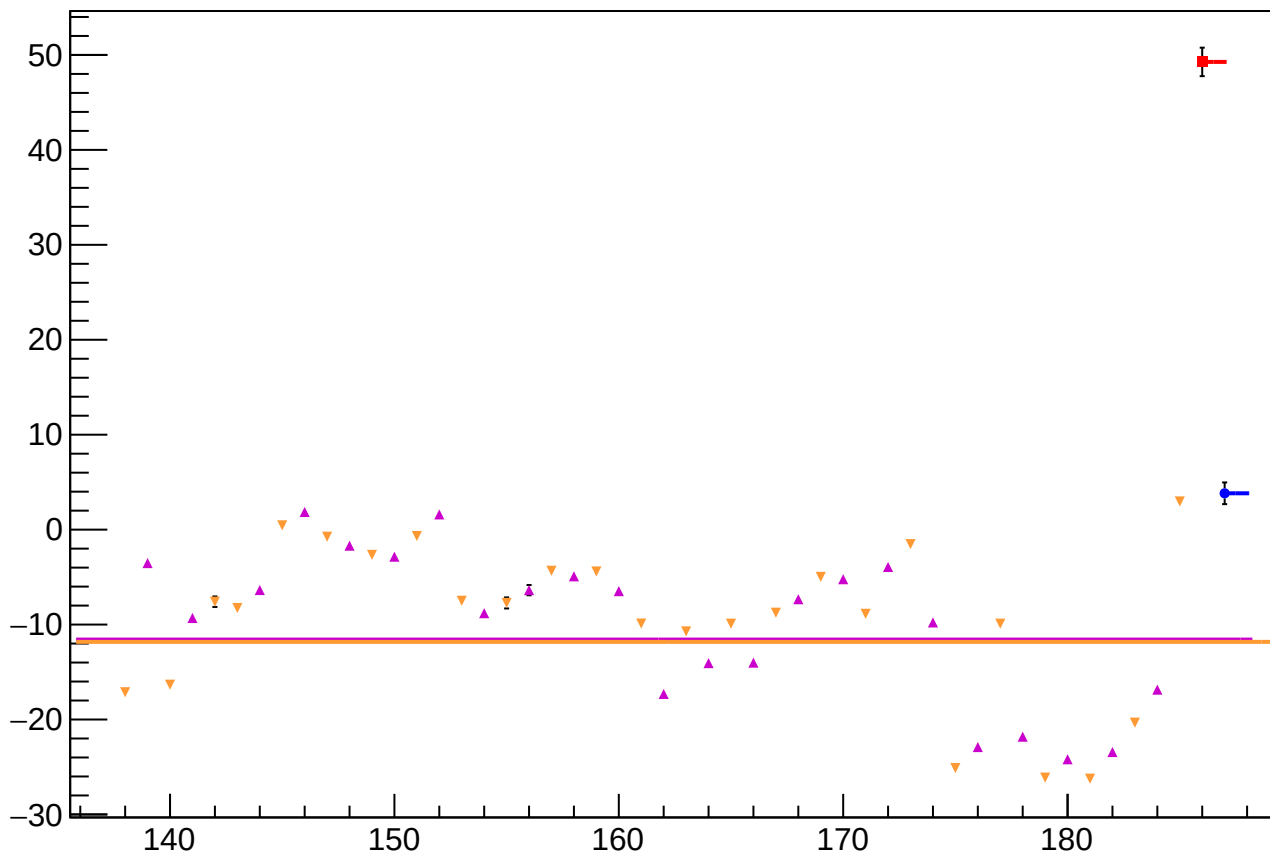
Left In: -0.137 $\pm$ 0.001 χ^2 /NDF:5383.4/22

+ sign -0.145 $\pm$ 0.001 χ^2 /NDF: 3798.4/25

All: -0.141 $\pm$ 0.001 χ^2 /NDF: 9398.3/49

- sign -0.137 $\pm$ 0.001 χ^2 /NDF: 5573.4/23

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 3.828 ± 1.143 χ^2/NDF : 0.0/0

Left Out: -11.823 ± 0.070 χ^2/NDF : 17277.3/24

Right Out: 49.267 ± 1.500 χ^2/NDF : 0.0/0

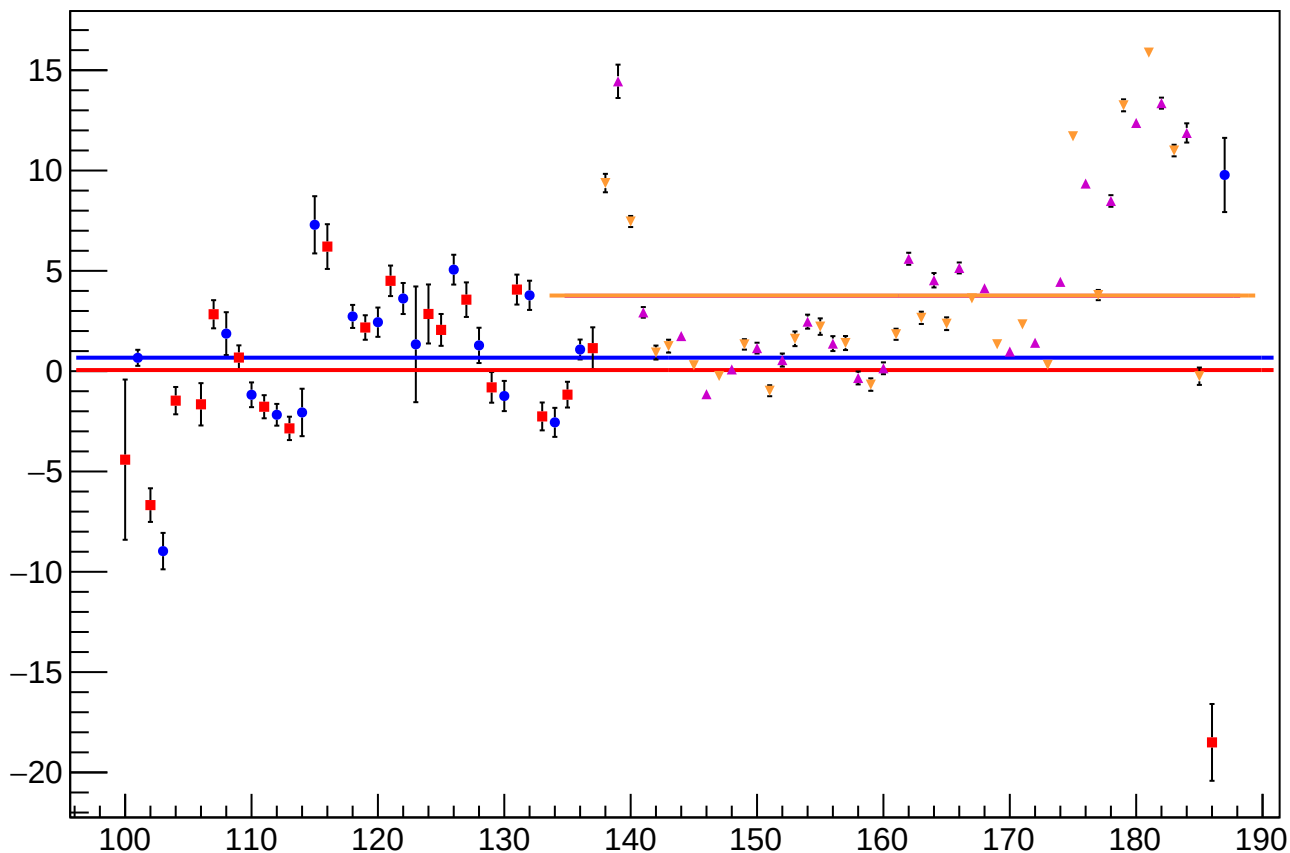
Left In: -11.580 ± 0.071 χ^2/NDF : 14243.6/22

+ sign -11.763 ± 0.070 χ^2/NDF : 17464.1/25

All: -11.605 ± 0.050 χ^2/NDF : 33360.2/49

- sign -11.443 ± 0.071 χ^2/NDF : 15885.9/23

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.672 ± 0.168 χ^2/NDF : 315.6/17

Left Out: 3.770 ± 0.056 χ^2/NDF : 7420.4/24

Right Out: 0.055 ± 0.174 χ^2/NDF : 368.3/19

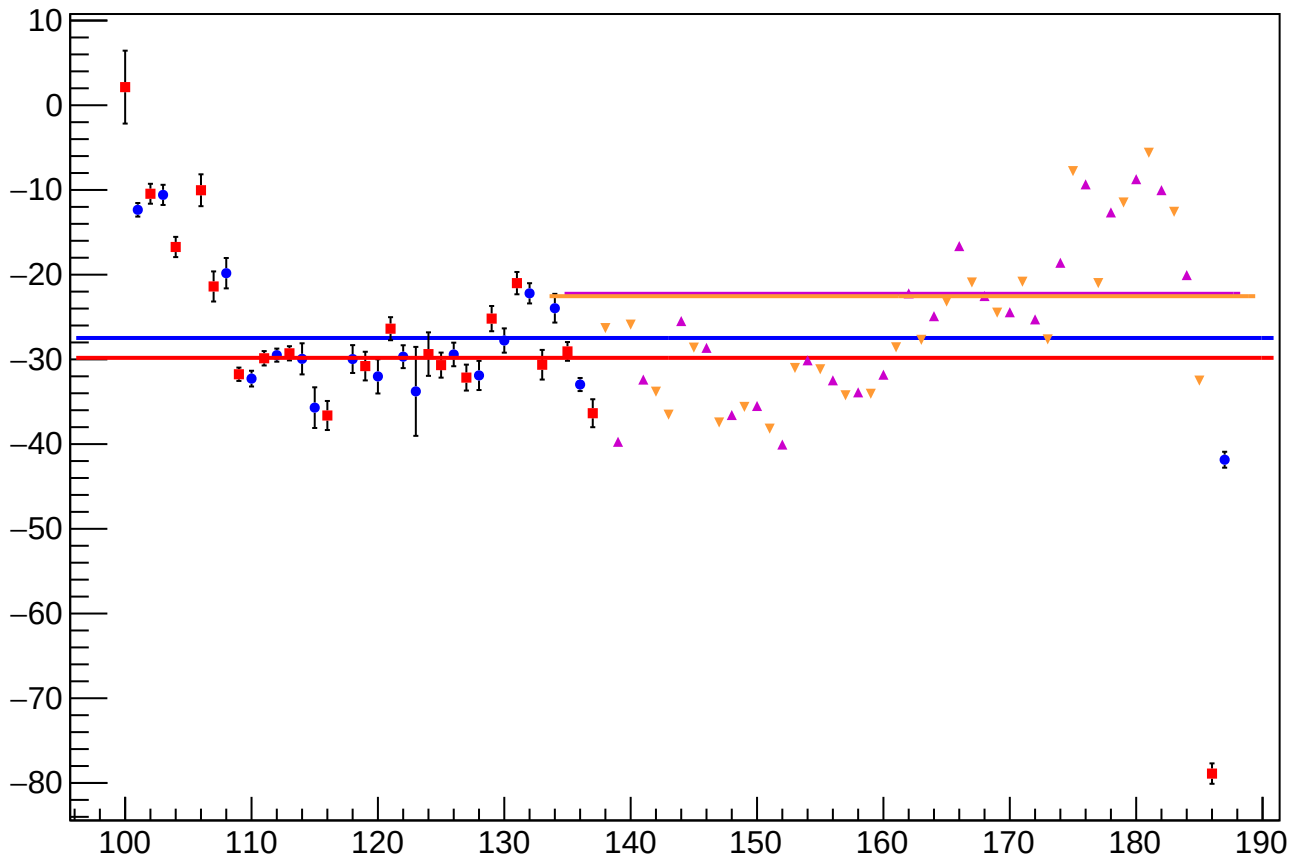
Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

+ sign 3.465 ± 0.053 χ^2/NDF : 8041.6/42

All: 3.434 ± 0.038 χ^2/NDF : 14475.3/85

- sign 3.403 ± 0.054 χ^2/NDF : 6433.0/42

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -27.473±/0.285 χ^2/NDF : 950.7/17

Left Out: -22.540±/0.071 χ^2/NDF :19751.6/24

Right Out: -29.819±/0.289 χ^2/NDF : 2340.6/19

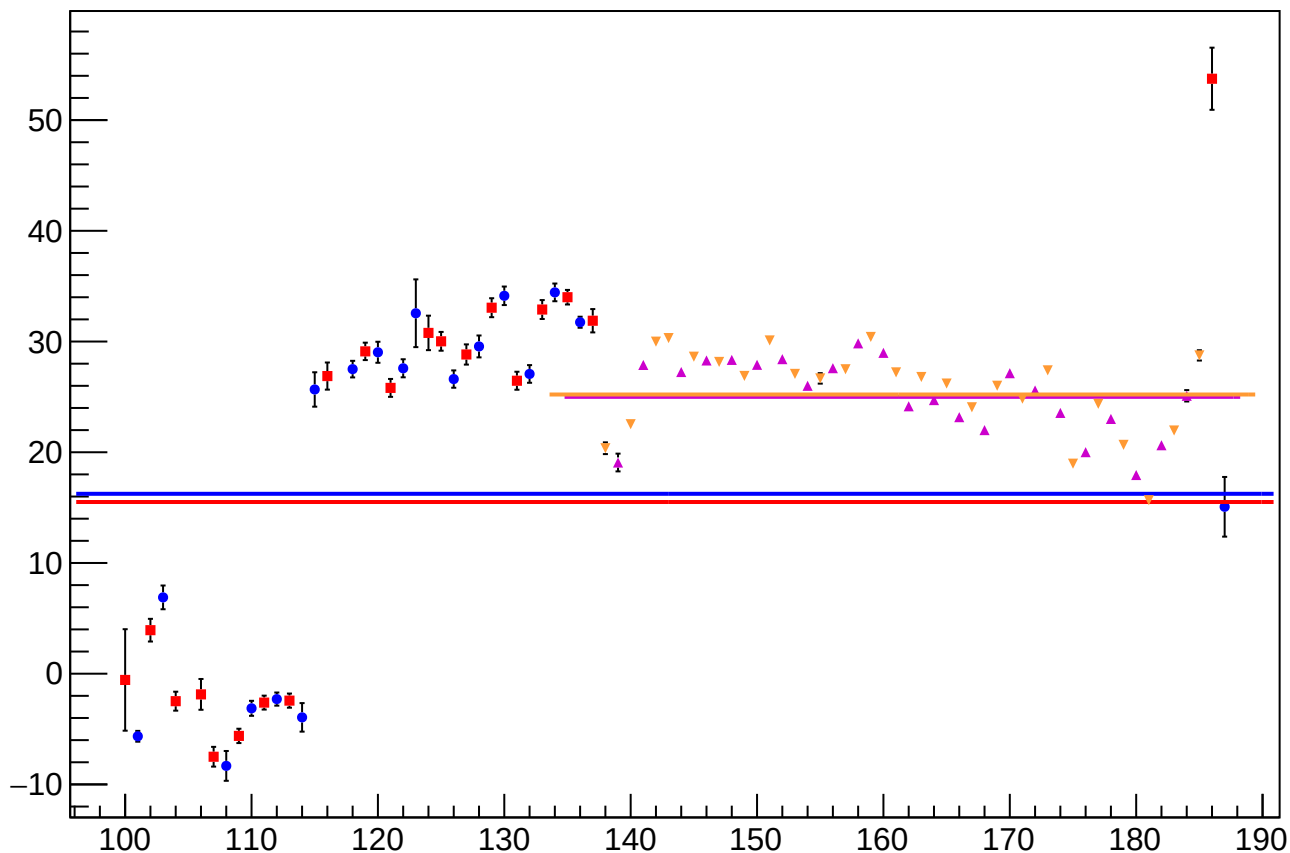
Left In: -22.258±/0.071 χ^2/NDF :17838.4/22

+ sign -22.826±/0.069 χ^2/NDF : 20983.7/42

All: -22.760±/0.049 χ^2/NDF : 41810.4/85

- sign -22.693±/0.069 χ^2/NDF : 20824.8/42

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.247 ± 0.191 $\chi^2/\text{NDF}: 7611.5/17$

Left Out: 25.216 ± 0.063 $\chi^2/\text{NDF}: 3738.3/24$

Right Out: 15.506 ± 0.197 $\chi^2/\text{NDF}: 7466.6/19$

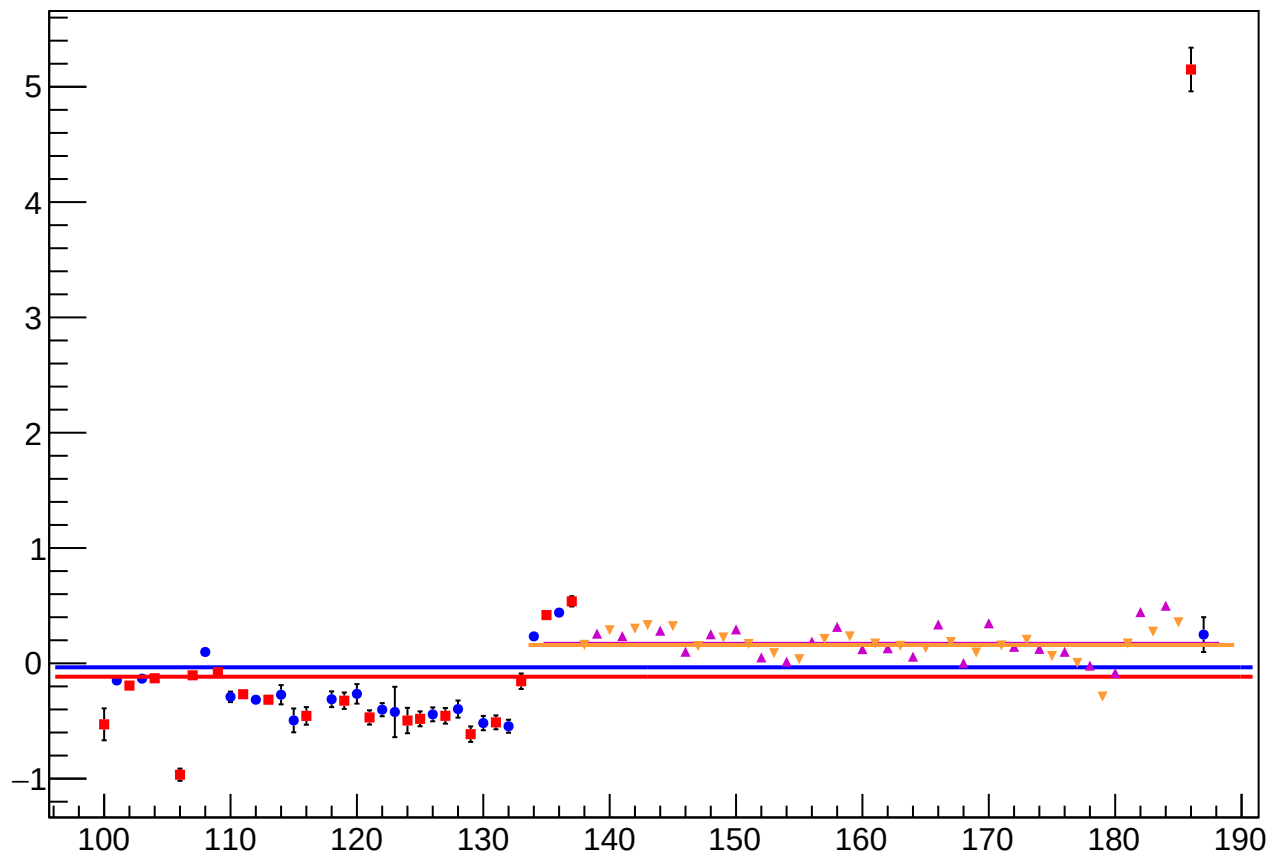
Left In: 25.005 ± 0.064 $\chi^2/\text{NDF}: 2733.7/22$

+ sign 24.339 ± 0.060 $\chi^2/\text{NDF}: 13348.5/42$

All: 24.223 ± 0.042 $\chi^2/\text{NDF}: 25671.3/85$

- sign 24.104 ± 0.061 $\chi^2/\text{NDF}: 12315.2/42$

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.034 ± 0.010 χ^2/NDF : 1018.0/17

Left Out: 0.159 ± 0.003 χ^2/NDF : 1856.8/24

Right Out: -0.116 ± 0.010 χ^2/NDF : 1946.6/19

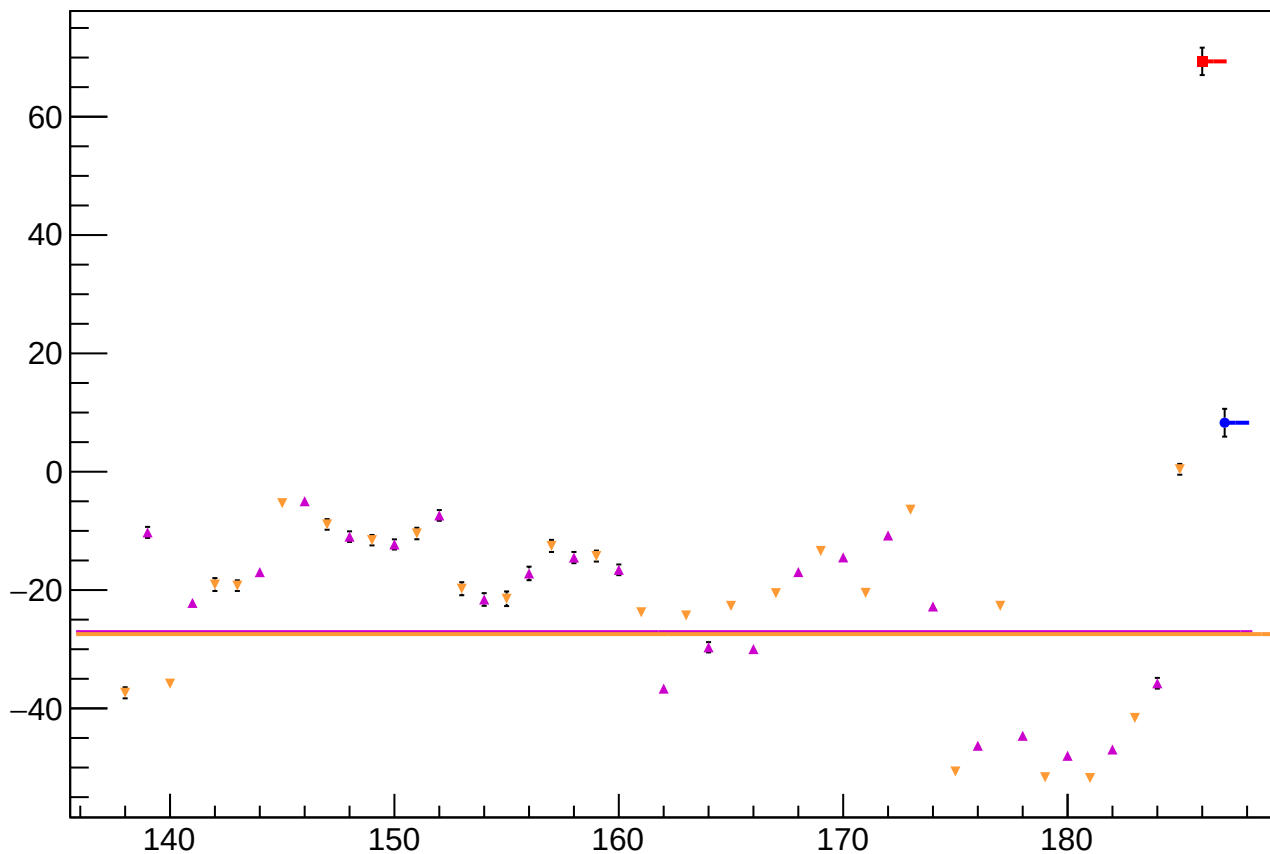
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ sign 0.145 ± 0.003 χ^2/NDF : 3202.4/42

All: 0.147 ± 0.002 χ^2/NDF : 8285.9/85

- sign 0.148 ± 0.003 χ^2/NDF : 5082.8/42

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: 8.281 ± 2.351 χ^2/NDF : 0.0/0

Left Out: -27.447 ± 0.137 χ^2/NDF : 14820.6/24

Right Out: 69.353 ± 2.317 χ^2/NDF : 0.0/0

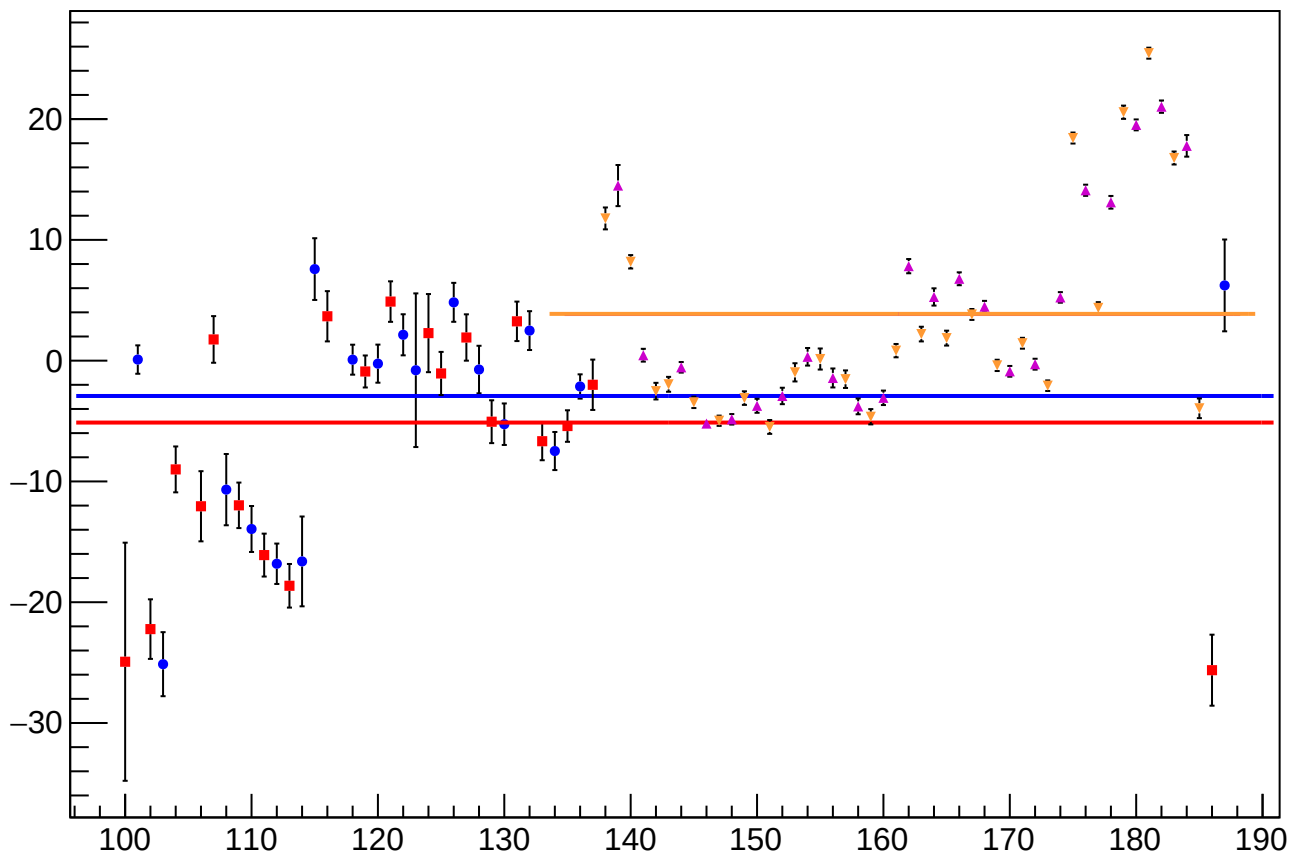
Left In: -27.114 ± 0.139 χ^2/NDF : 11443.8/22

+ sign -27.326 ± 0.137 χ^2/NDF : 15050.9/25

All: -27.051 ± 0.097 χ^2/NDF : 28229.4/49

- sign -26.770 ± 0.138 χ^2/NDF : 13170.4/23

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -2.925 ± 0.405 χ^2/NDF : 286.7/17

Left Out: 3.873 ± 0.109 χ^2/NDF : 6906.0/24

Right Out: -5.126 ± 0.422 χ^2/NDF : 347.9/19

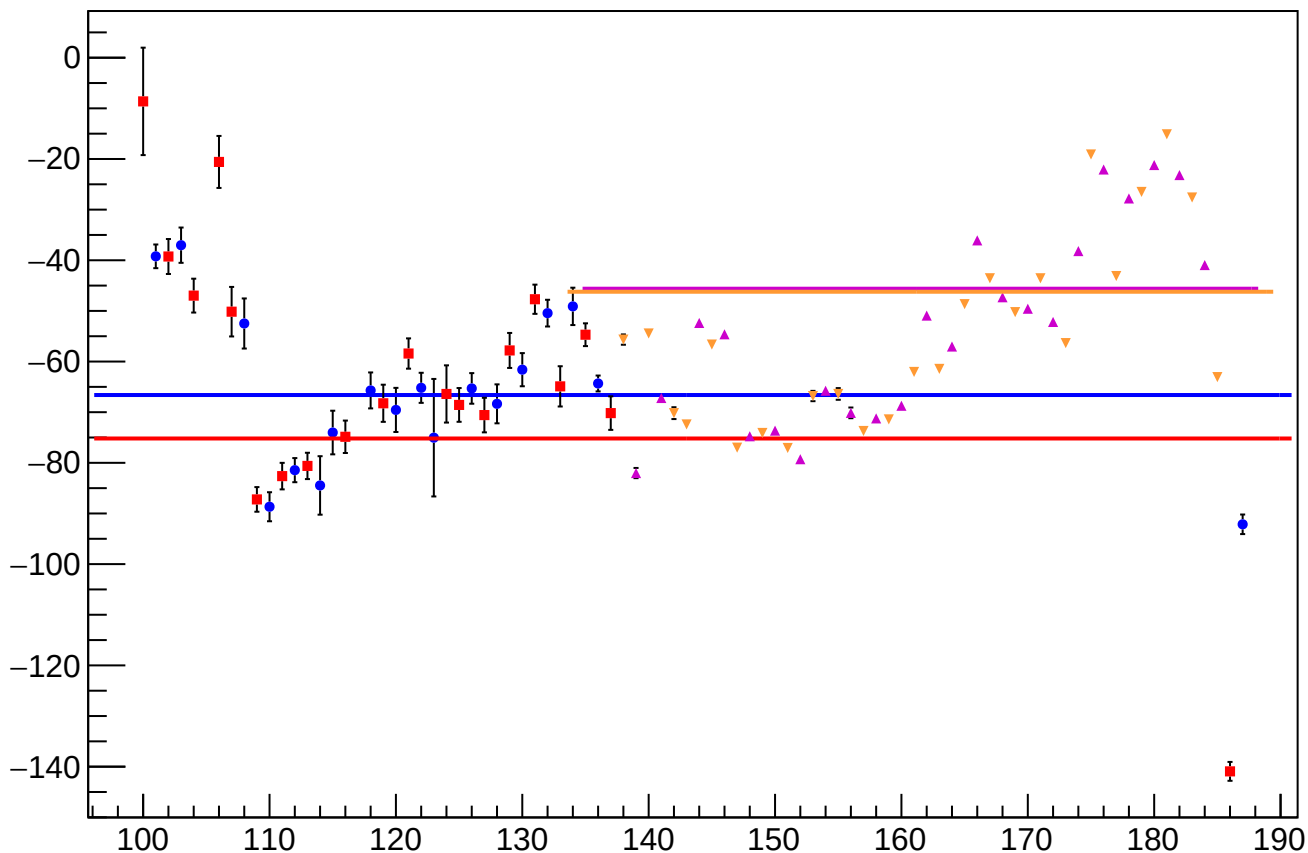
Left In: 3.861 ± 0.111 χ^2/NDF : 5438.4/22

+ sign 3.410 ± 0.106 χ^2/NDF : 7455.0/42

All: 3.347 ± 0.075 χ^2/NDF : 13665.9/85

- sign 3.282 ± 0.107 χ^2/NDF : 6210.1/42

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -66.610 $\pm$ 0.689 χ^2 /NDF: 568.8/17

Left Out: -46.213 $\pm$ 0.138 χ^2 /NDF:19981.0/24

Right Out: -75.195 $\pm$ 0.697 χ^2 /NDF: 1892.1/19

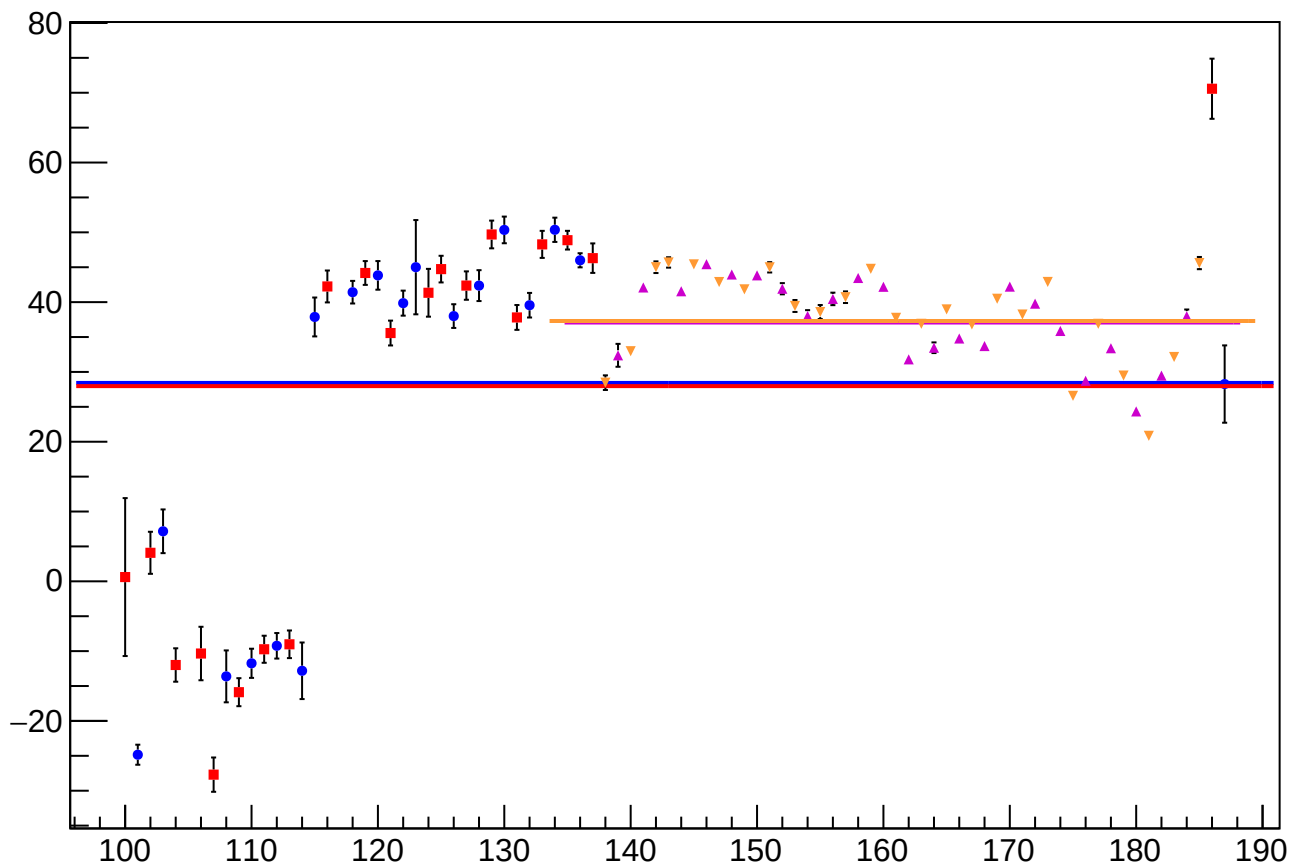
Left In: -45.616 $\pm$ 0.139 χ^2 /NDF:17743.8/22

+ sign -47.001 $\pm$ 0.135 χ^2 /NDF: 21391.4/42

All: -46.877 $\pm$ 0.096 χ^2 /NDF: 42762.3/85

- sign -46.751 $\pm$ 0.136 χ^2 /NDF: 21369.2/42

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.424 $\pm$ 0.456 χ^2 /NDF: 3330.3/17

Left Out: 37.298 $\pm$ 0.123 χ^2 /NDF: 3113.0/24

Right Out: 27.967 $\pm$ 0.476 χ^2 /NDF: 3132.0/19

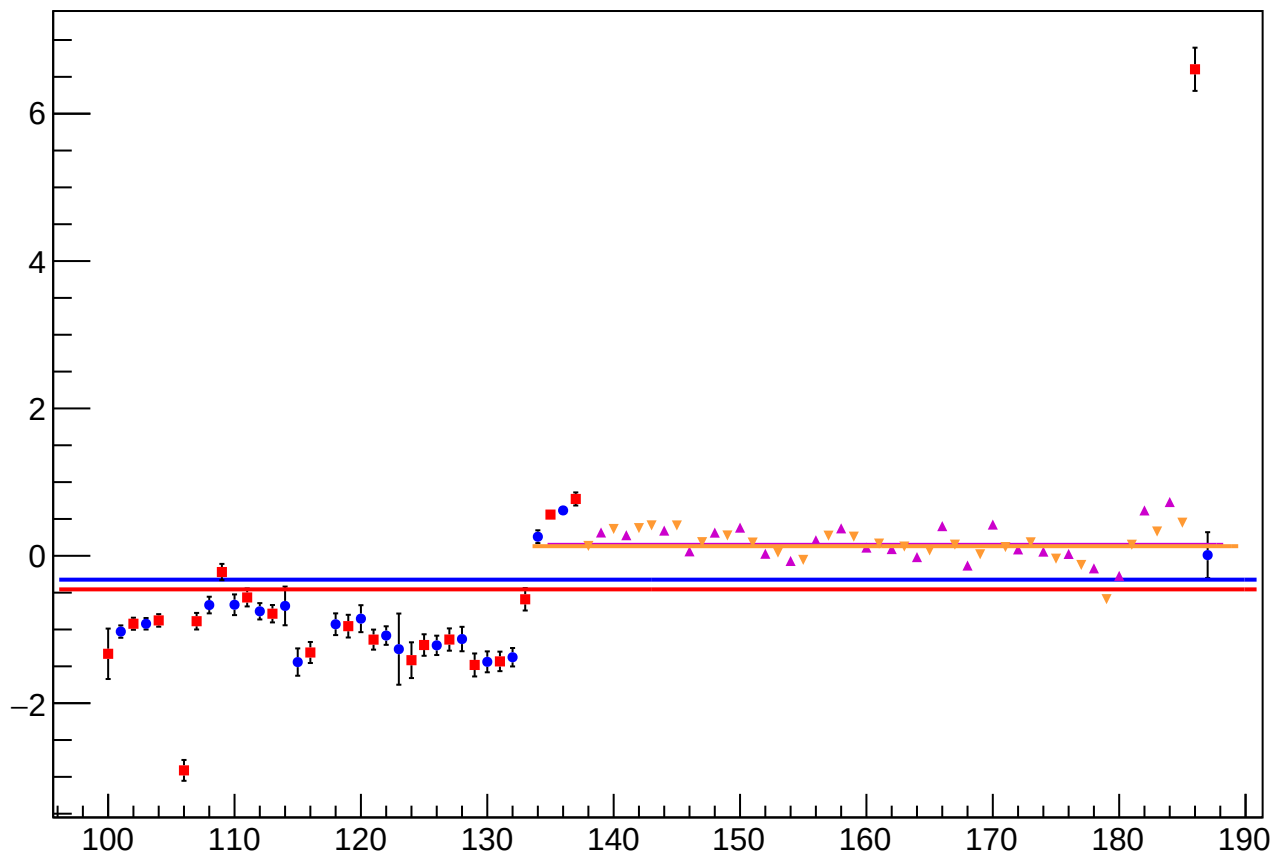
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF: 2405.4/22

+ sign 36.694 $\pm$ 0.119 χ^2 /NDF: 6797.0/42

All: 36.595 $\pm$ 0.085 χ^2 /NDF: 12679.1/85

- sign 36.494 $\pm$ 0.121 χ^2 /NDF: 5880.7/42

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.324 ± 0.025 $\chi^2/\text{NDF}: 1014.2/17$

Left Out: 0.130 ± 0.006 $\chi^2/\text{NDF}: 1419.7/24$

Right Out: -0.456 ± 0.026 $\chi^2/\text{NDF}: 1753.3/19$

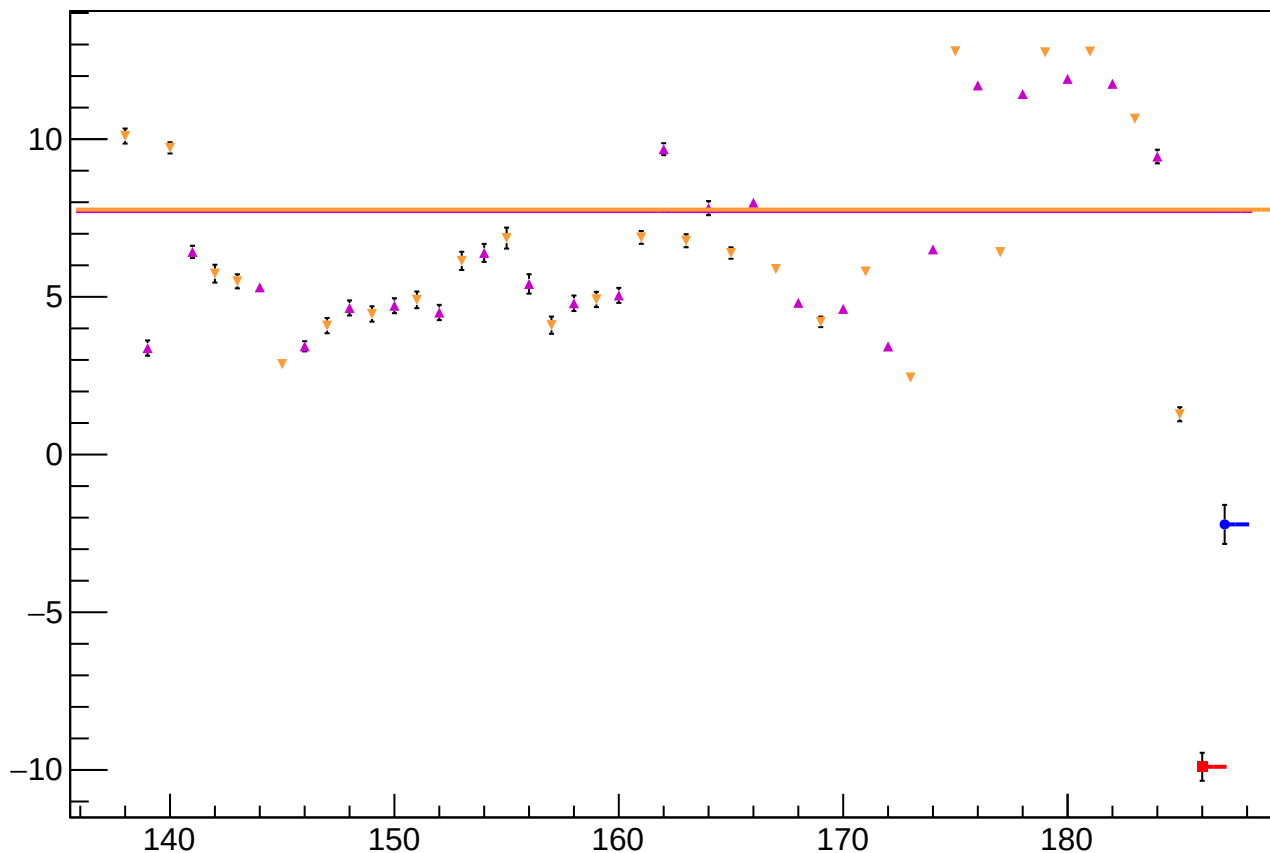
Left In: 0.149 ± 0.006 $\chi^2/\text{NDF}: 1813.7/22$

+ sign 0.108 ± 0.005 $\chi^2/\text{NDF}: 2752.3/42$

All: 0.114 ± 0.004 $\chi^2/\text{NDF}: 6852.7/85$

- sign 0.120 ± 0.006 $\chi^2/\text{NDF}: 4098.0/42$

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: -2.215 ± 0.619 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 7.766 ± 0.034 $\chi^2/\text{NDF}: 11703.8/24$

Right Out: -9.899 ± 0.444 $\chi^2/\text{NDF}: 0.0/0$

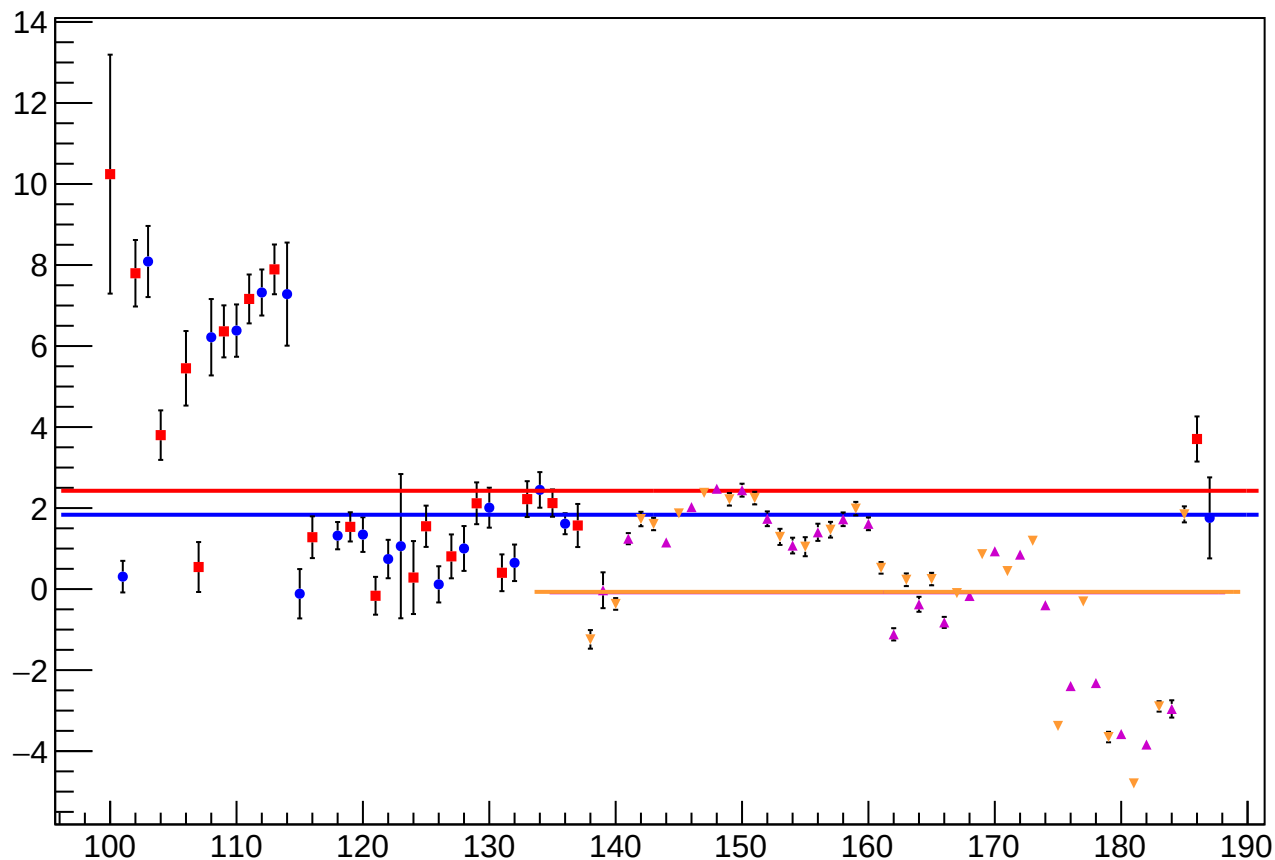
Left In: 7.719 ± 0.035 $\chi^2/\text{NDF}: 8490.5/22$

+ sign 7.735 ± 0.034 $\chi^2/\text{NDF}: 11963.0/25$

All: 7.674 ± 0.024 $\chi^2/\text{NDF}: 22023.1/49$

- sign 7.611 ± 0.035 $\chi^2/\text{NDF}: 10053.7/23$

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.835 ± 0.115 χ^2/NDF : 294.9/17

Left Out: -0.069 ± 0.028 χ^2/NDF : 6033.5/24

Right Out: 2.427 ± 0.120 χ^2/NDF : 341.9/19

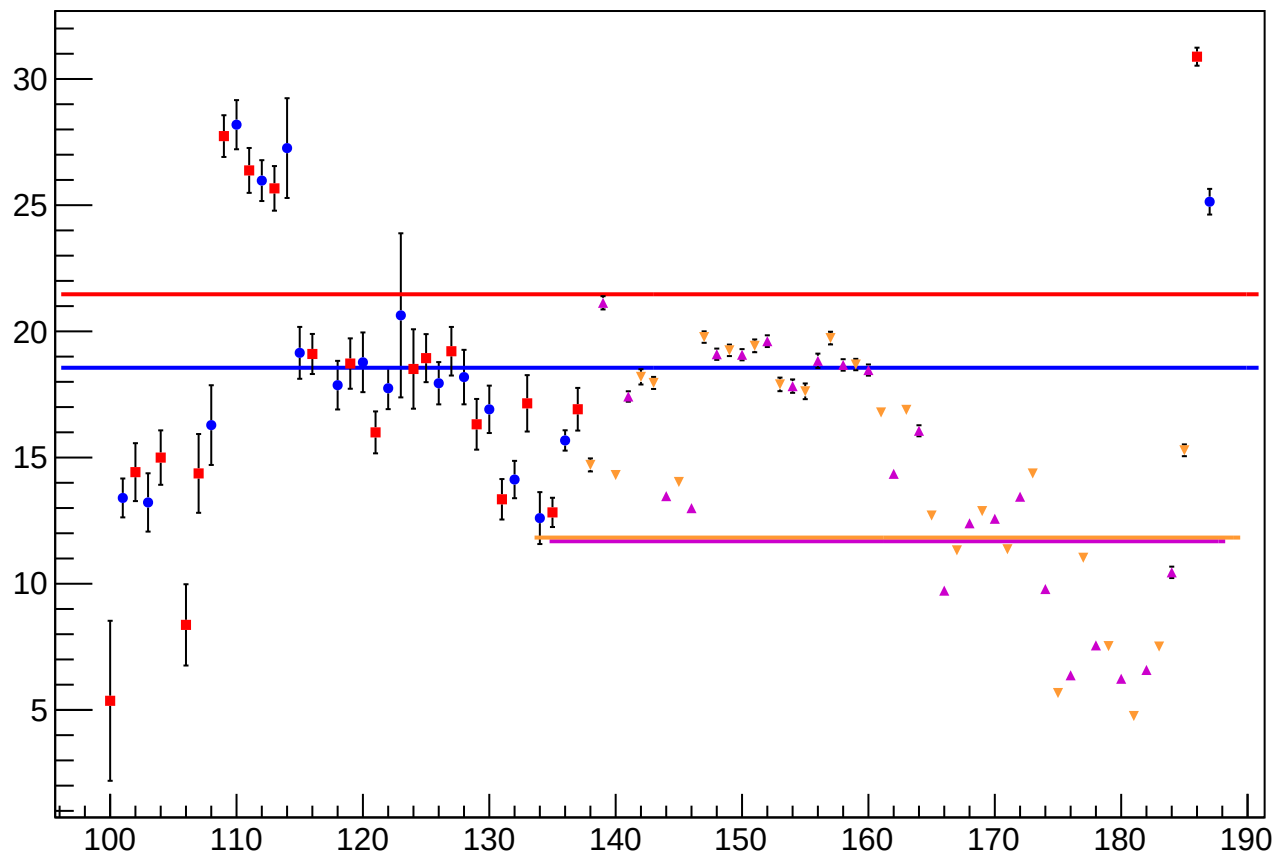
Left In: -0.079 ± 0.028 χ^2/NDF : 4989.1/22

+ sign 0.036 ± 0.027 χ^2/NDF : 6586.1/42

All: 0.044 ± 0.019 χ^2/NDF : 12332.1/85

- sign 0.052 ± 0.027 χ^2/NDF : 5745.8/42

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.558 ± 0.195 $\chi^2/\text{NDF}: 563.0/17$

Left Out: 11.830 ± 0.035 $\chi^2/\text{NDF}: 19032.5/24$

Right Out: 21.470 ± 0.187 $\chi^2/\text{NDF}: 1463.4/19$

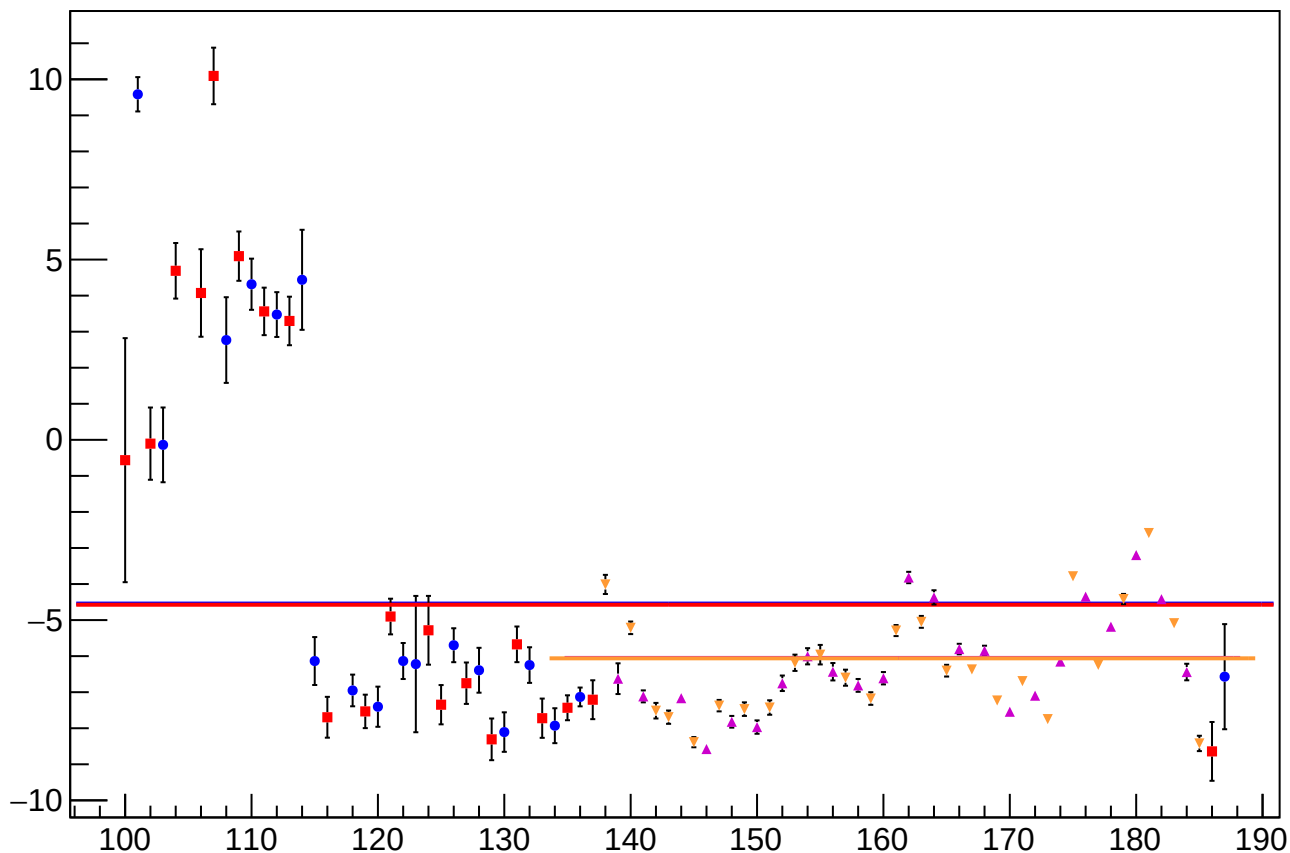
Left In: 11.683 ± 0.035 $\chi^2/\text{NDF}: 16927.3/22$

+ sign 12.036 ± 0.034 $\chi^2/\text{NDF}: 20744.1/42$

All: 12.026 ± 0.024 $\chi^2/\text{NDF}: 41791.3/85$

- sign 12.017 ± 0.034 $\chi^2/\text{NDF}: 21047.0/42$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.542 ± 0.129 χ^2/NDF : 1592.1/17

Left Out: -6.061 ± 0.031 χ^2/NDF : 2649.3/24

Right Out: -4.574 ± 0.135 χ^2/NDF : 1364.5/19

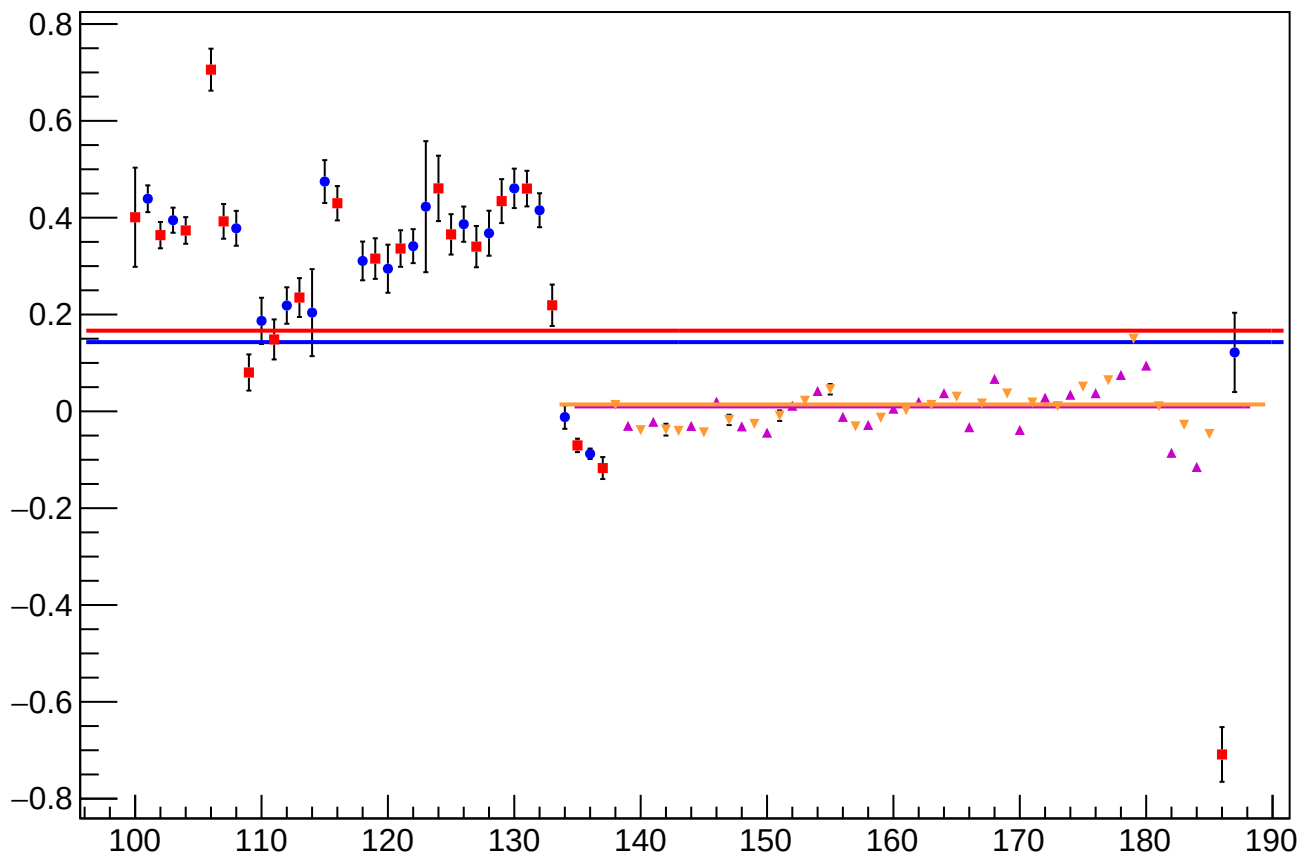
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.977 ± 0.030 χ^2/NDF : 4372.3/42

All: -5.975 ± 0.022 χ^2/NDF : 8153.3/85

- sign -5.973 ± 0.031 χ^2/NDF : 3781.0/42

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 ± 0.007 χ^2/NDF : 1060.4/17

Left Out: 0.014 ± 0.001 χ^2/NDF : 950.9/24

Right Out: 0.167 ± 0.007 χ^2/NDF : 1252.2/19

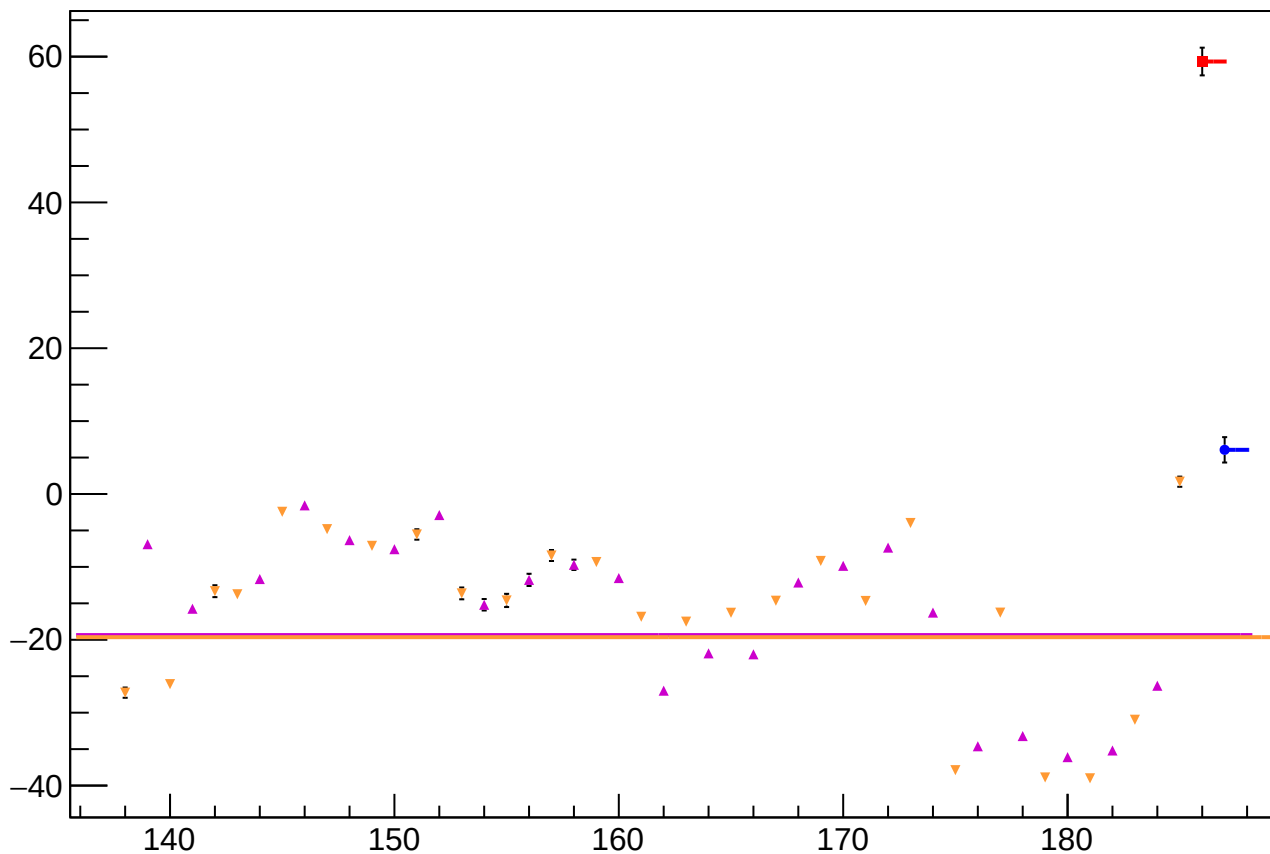
Left In: 0.010 ± 0.001 χ^2/NDF : 1224.5/22

+ sign 0.019 ± 0.001 χ^2/NDF : 2333.7/42

All: 0.018 ± 0.001 χ^2/NDF : 5252.7/85

- sign 0.016 ± 0.001 χ^2/NDF : 2916.2/42

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: 6.059 $\pm$ 1.741 χ^2 /NDF: 0.0/0

Left Out: -19.642 $\pm$ 0.103 χ^2 /NDF:15730.6/24

Right Out: 59.330 $\pm$ 1.901 χ^2 /NDF: 0.0/0

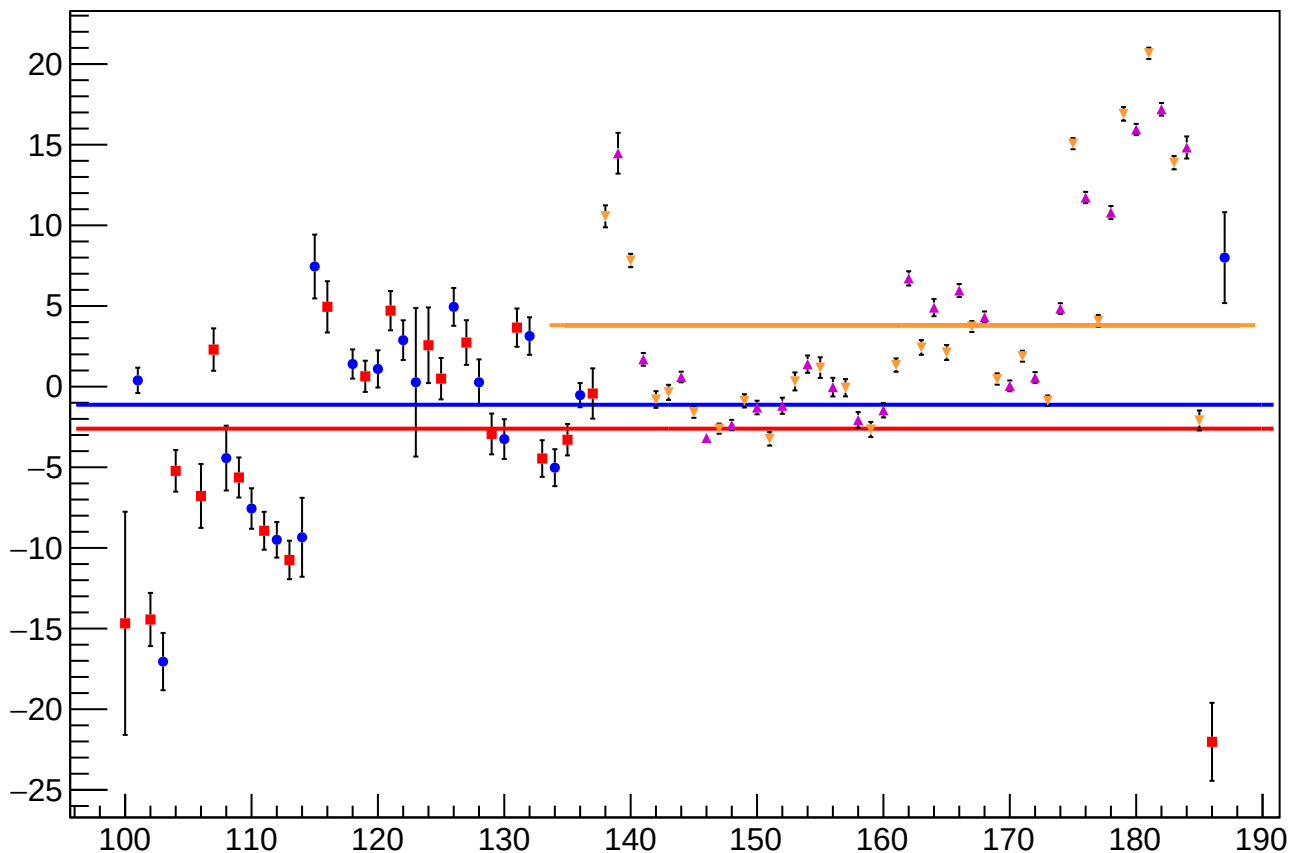
Left In: -19.355 $\pm$ 0.105 χ^2 /NDF:12417.1/22

+ sign -19.552 $\pm$ 0.103 χ^2 /NDF: 15947.7/25

All: -19.338 $\pm$ 0.073 χ^2 /NDF: 30082.2/49

- sign -19.118 $\pm$ 0.104 χ^2 /NDF: 14125.8/23

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.123 ± 0.288 $\chi^2/\text{NDF}: 289.2/17$

Left Out: 3.811 ± 0.082 $\chi^2/\text{NDF}: 7118.3/24$

Right Out: -2.606 ± 0.300 $\chi^2/\text{NDF}: 351.7/19$

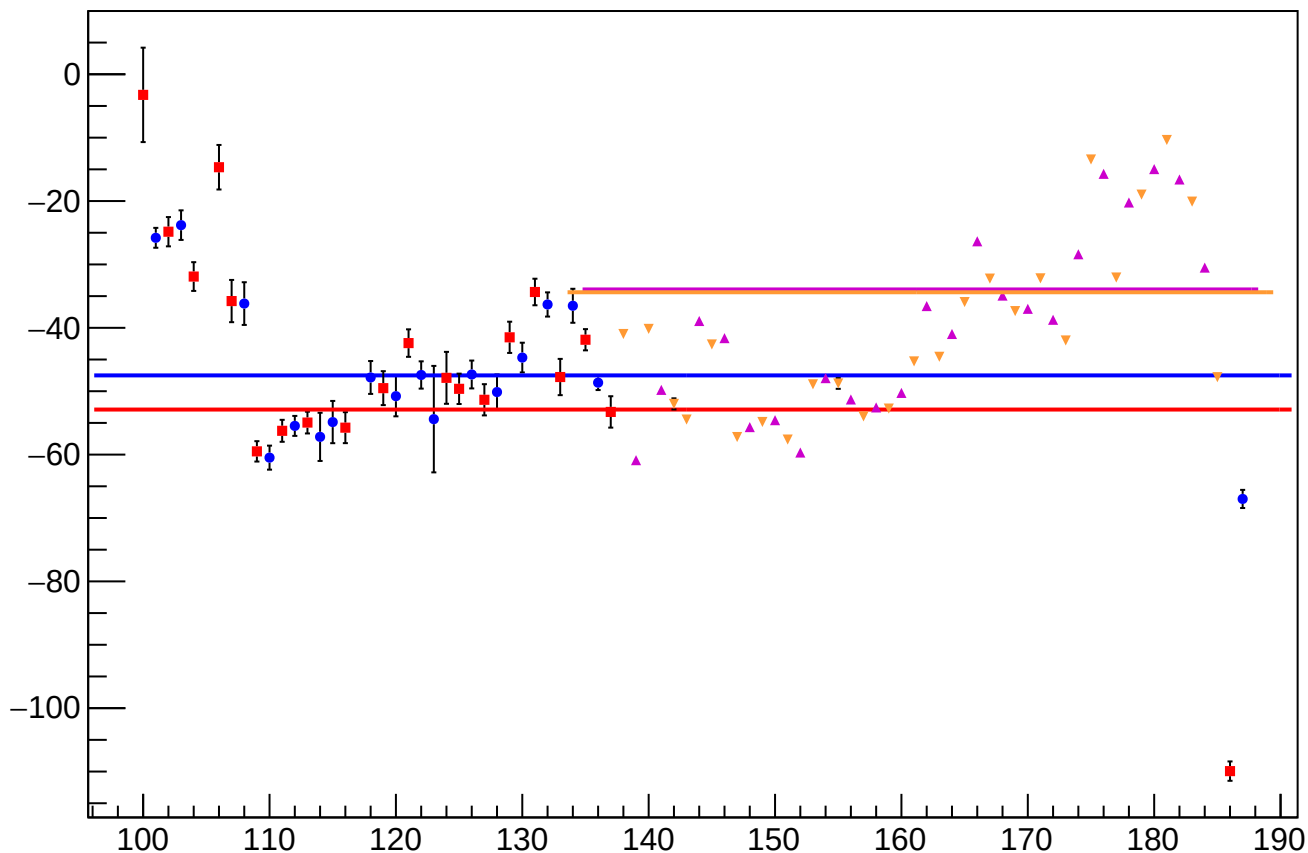
Left In: 3.795 ± 0.083 $\chi^2/\text{NDF}: 5534.4/22$

+ sign 3.440 ± 0.079 $\chi^2/\text{NDF}: 7678.0/42$

All: 3.389 ± 0.056 $\chi^2/\text{NDF}: 13987.4/85$

- sign 3.337 ± 0.080 $\chi^2/\text{NDF}: 6308.6/42$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -47.505 ± 0.491 χ^2/NDF : 631.3/17

Left Out: -34.389 ± 0.104 χ^2/NDF : 20032.2/24

Right Out: -52.892 ± 0.499 χ^2/NDF : 2015.0/19

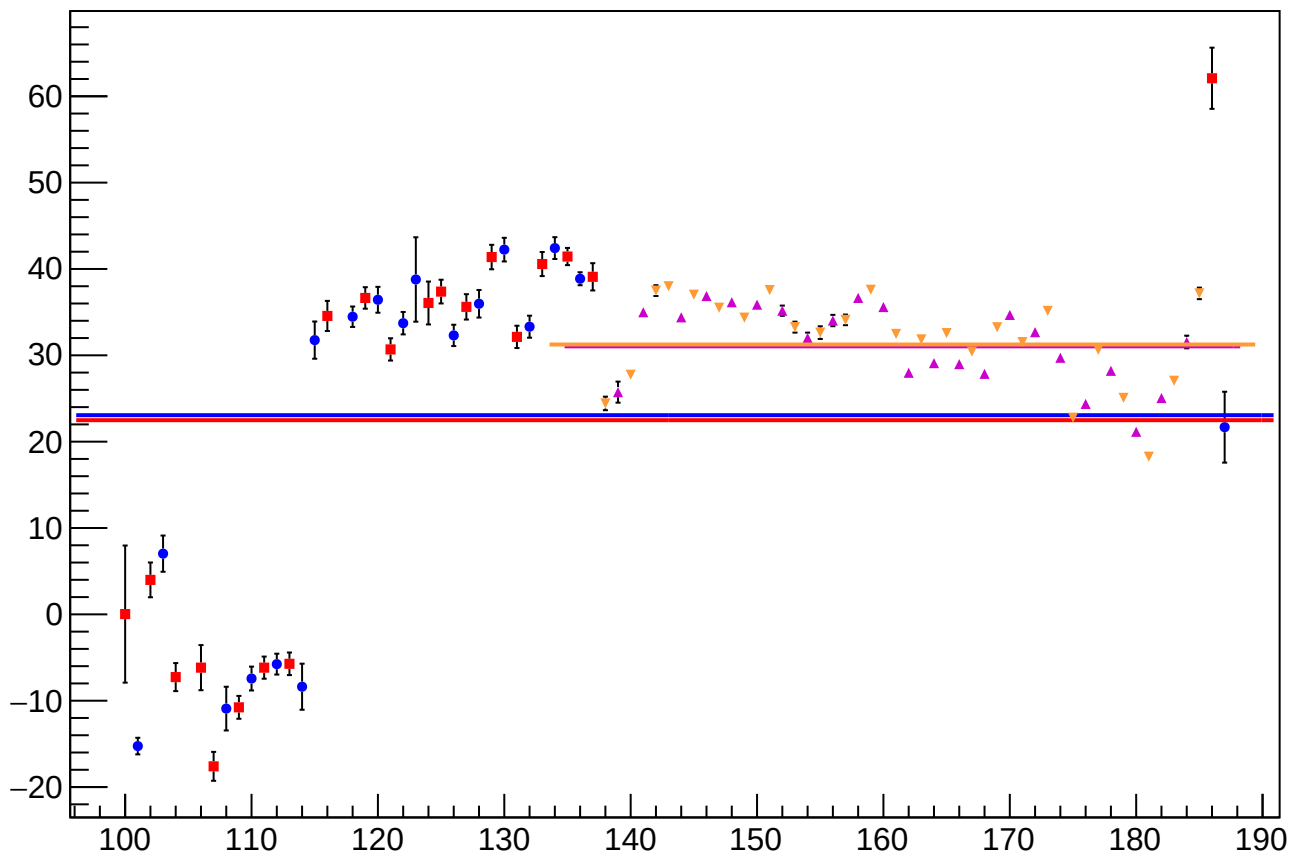
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ sign -34.954 ± 0.102 χ^2/NDF : 21346.7/42

All: -34.851 ± 0.072 χ^2/NDF : 42598.6/85

- sign -34.746 ± 0.103 χ^2/NDF : 21249.8/42

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.064 $\pm$ 0.325 χ^2 /NDF: 4346.1/17

Left Out: 31.252 $\pm$ 0.093 χ^2 /NDF:3305.3/24

Right Out: 22.487 $\pm$ 0.338 χ^2 /NDF: 4160.5/19

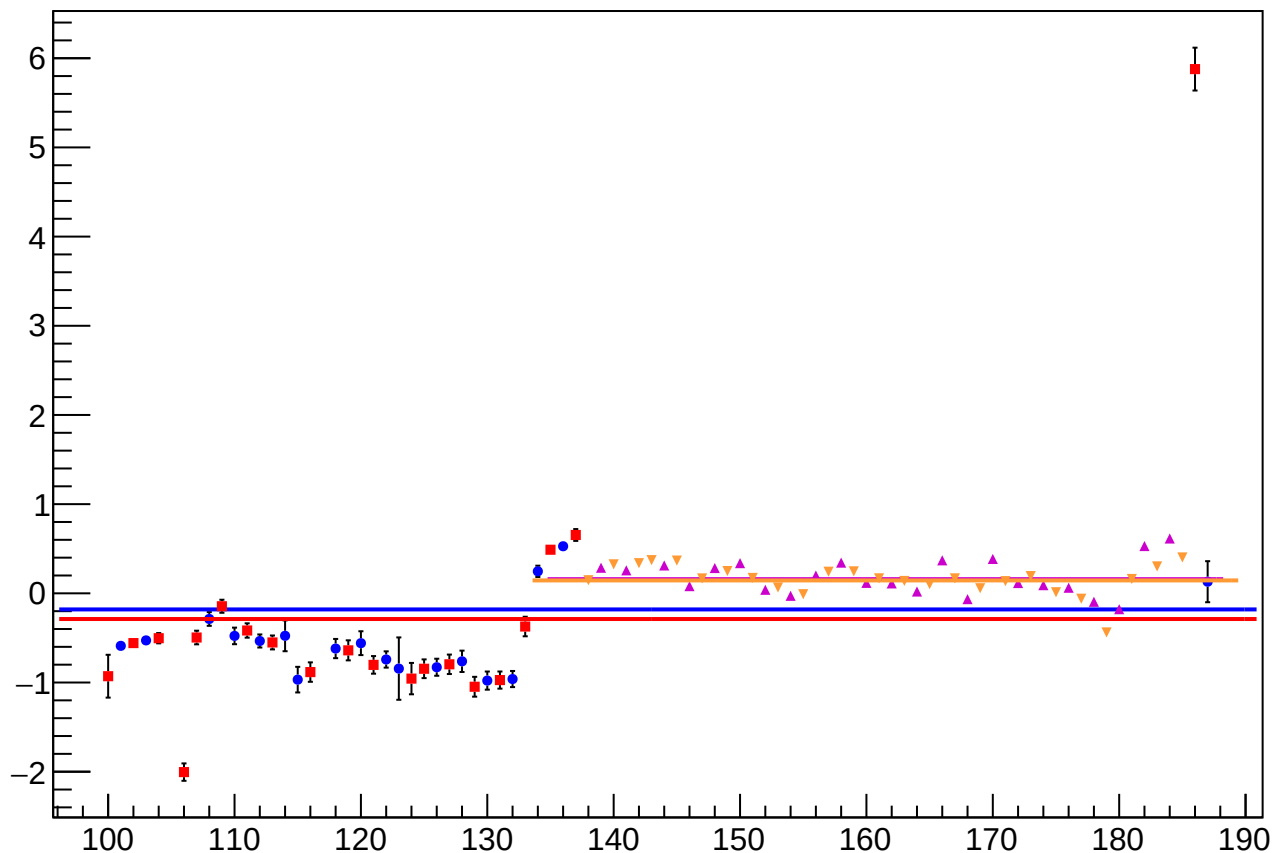
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ sign 30.638 $\pm$ 0.089 χ^2 /NDF: 8238.5/42

All: 30.535 $\pm$ 0.063 χ^2 /NDF: 15483.8/85

- sign 30.429 $\pm$ 0.090 χ^2 /NDF: 7242.6/42

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180 ± 0.018 χ^2/NDF : 999.9/17

Left Out: 0.145 ± 0.004 χ^2/NDF : 1572.6/24

Right Out: -0.288 ± 0.018 χ^2/NDF : 1846.8/19

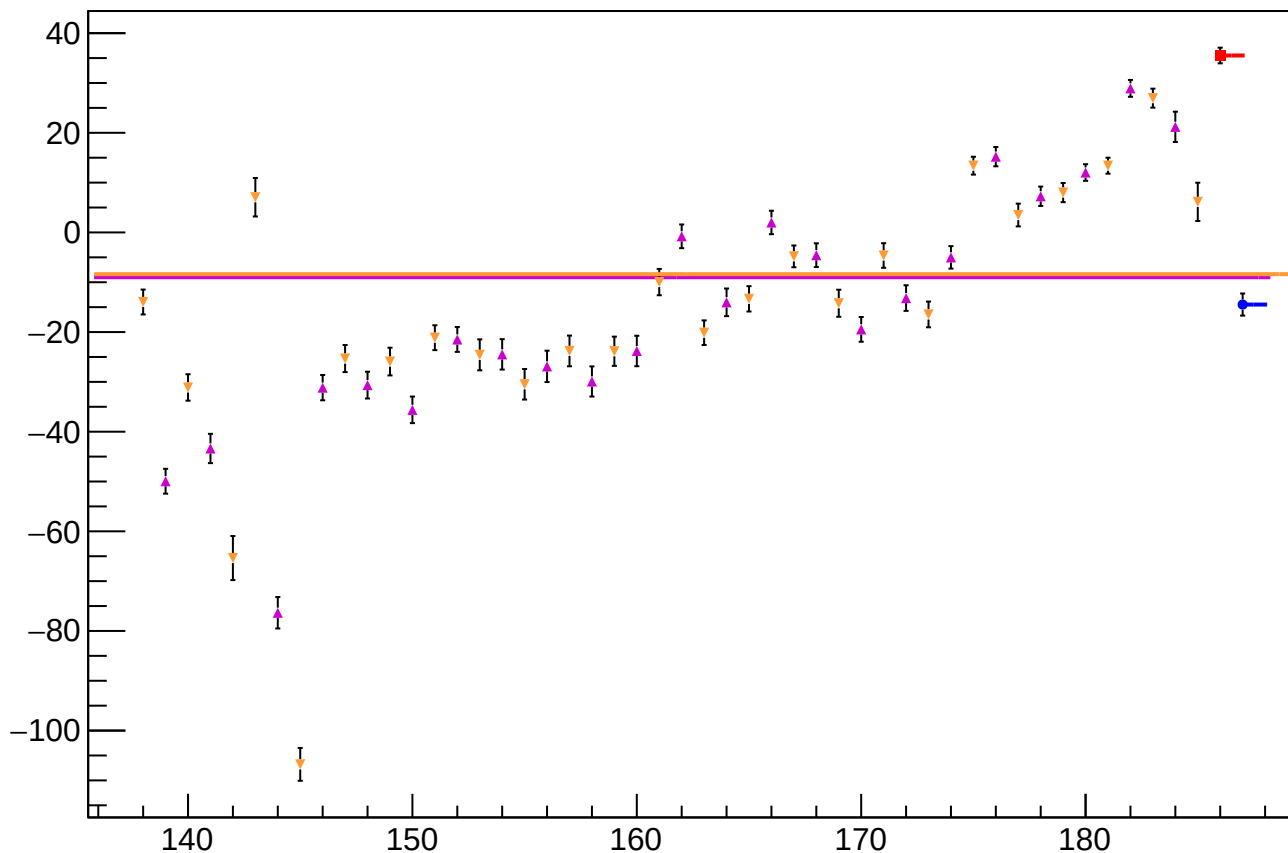
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.127 ± 0.004 χ^2/NDF : 2892.7/42

All: 0.131 ± 0.003 χ^2/NDF : 7339.0/85

- sign 0.135 ± 0.004 χ^2/NDF : 4444.4/42

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -14.478±/2.220 χ^2 /NDF: 0.0/0

Left Out: -8.375±/0.500 χ^2 /NDF:2224.0/24

Right Out: 35.518±/1.571 χ^2 /NDF: 0.0/0

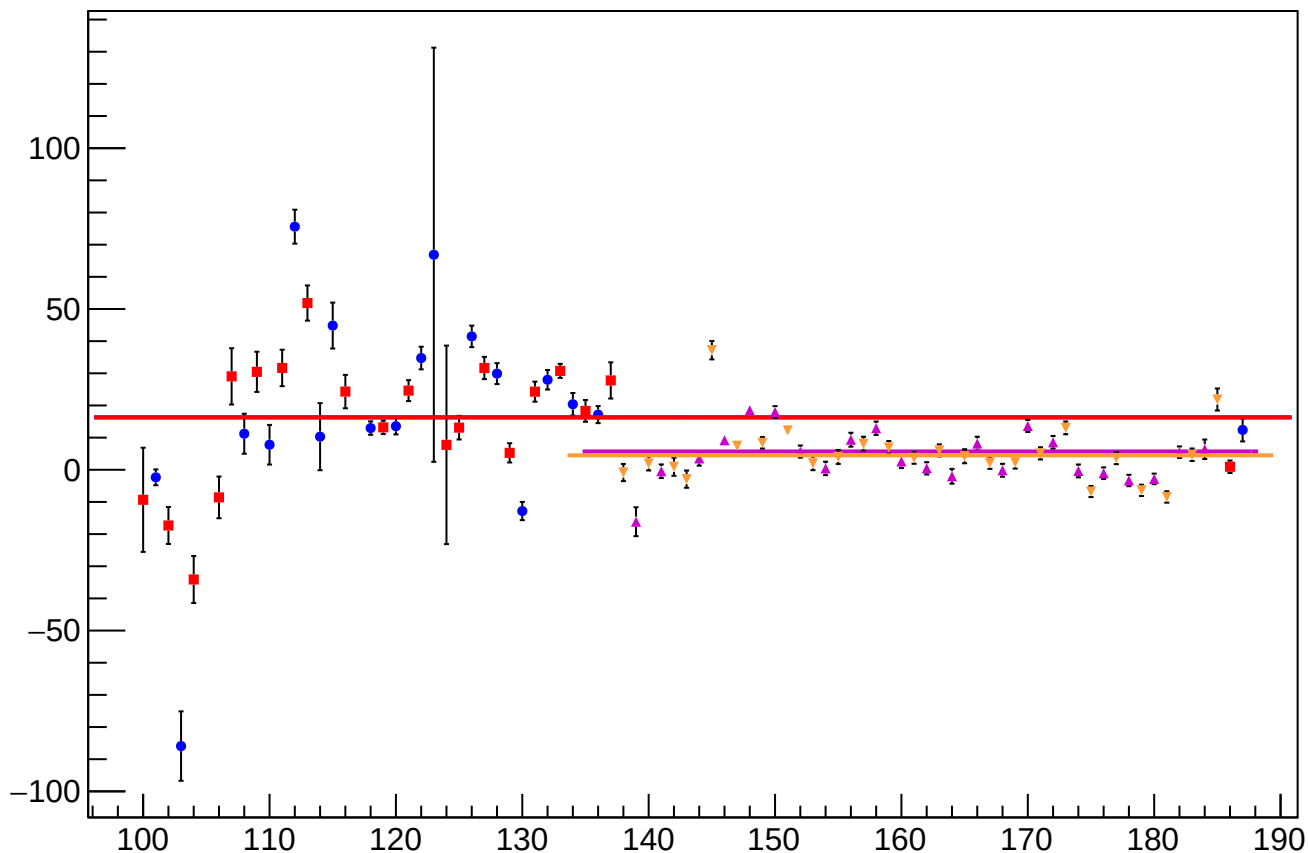
Left In: -8.995±/0.505 χ^2 /NDF:2308.2/22

+ sign -8.670±/0.488 χ^2 /NDF: 2231.2/25

All: -6.720±/0.343 χ^2 /NDF: 5298.2/49

- sign -4.826±/0.481 χ^2 /NDF: 3035.5/23

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.293 ± 0.825 $\chi^2/\text{NDF}: 520.9/17$

Left Out: 4.494 ± 0.393 $\chi^2/\text{NDF}: 372.1/24$

Right Out: 16.307 ± 0.815 $\chi^2/\text{NDF}: 318.2/19$

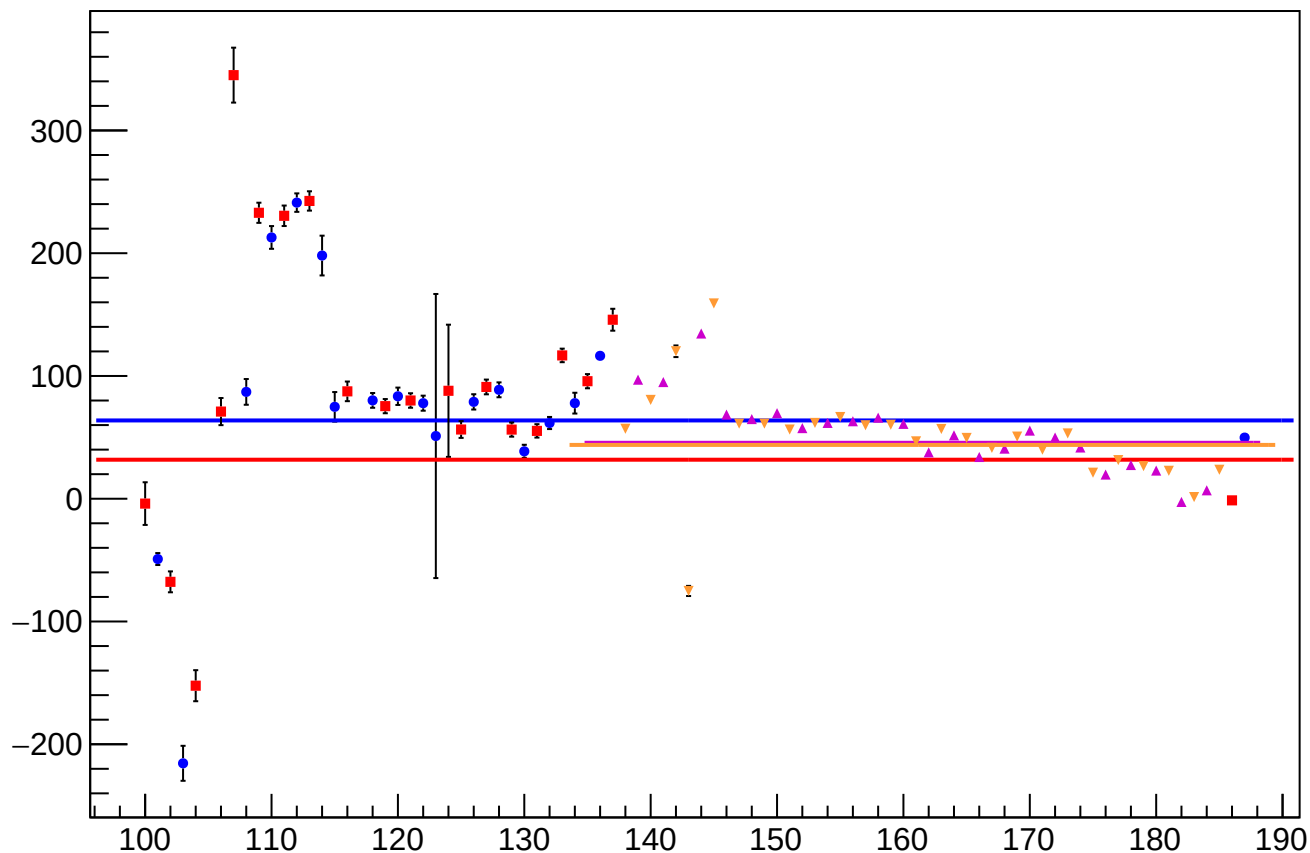
Left In: 5.699 ± 0.403 $\chi^2/\text{NDF}: 329.1/22$

+ sign 6.676 ± 0.355 $\chi^2/\text{NDF}: 1059.9/42$

All: 7.220 ± 0.253 $\chi^2/\text{NDF}: 1848.1/85$

- sign 7.784 ± 0.361 $\chi^2/\text{NDF}: 783.4/42$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 63.772 $\pm$ 1.218 χ^2 /NDF: 2105.1/17

Left Out: 43.840 $\pm$ 0.499 χ^2 /NDF: 3680.9/24

Right Out: 31.786 $\pm$ 1.013 χ^2 /NDF: 3981.6/19

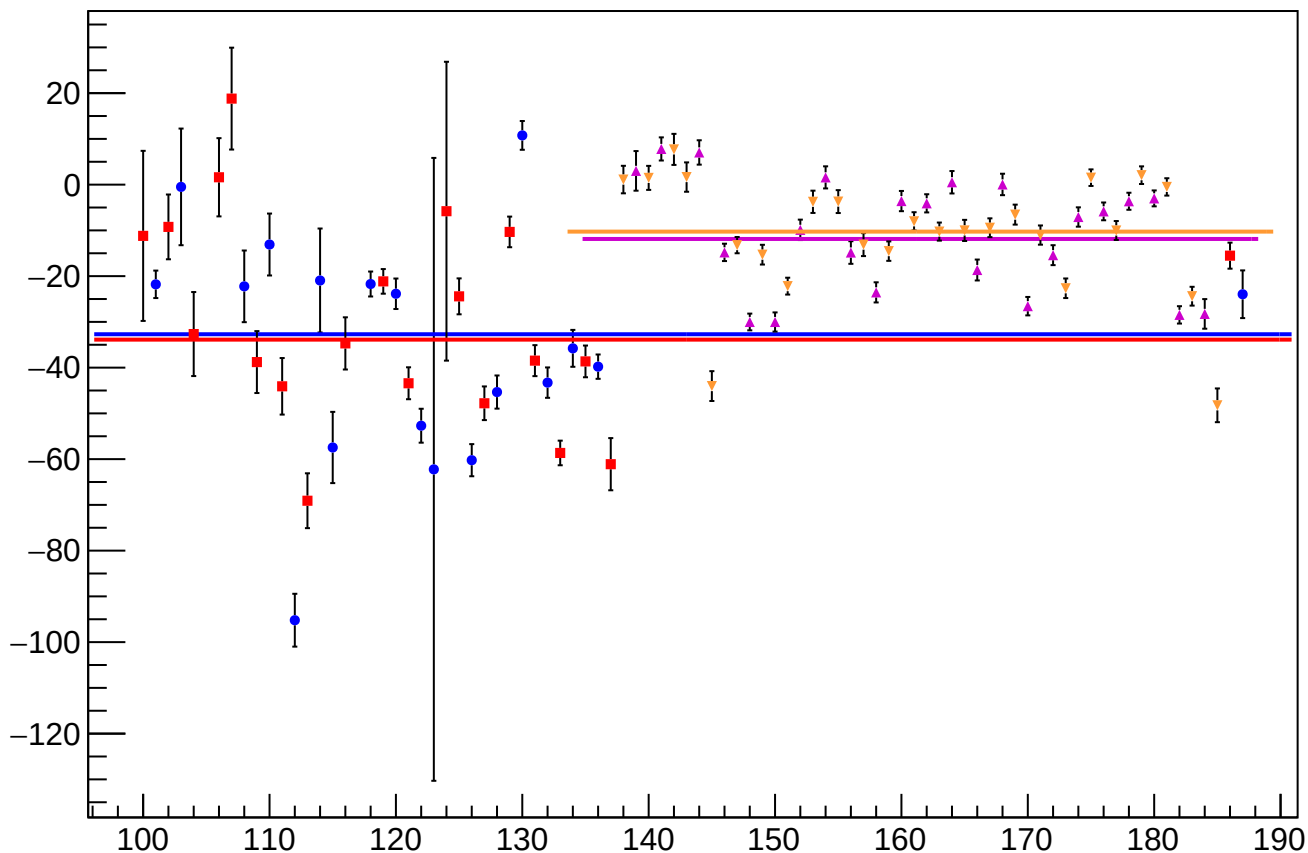
Left In: 45.559 $\pm$ 0.502 χ^2 /NDF: 3152.4/22

+ sign 46.706 $\pm$ 0.462 χ^2 /NDF: 6015.4/42

All: 44.723 $\pm$ 0.322 χ^2 /NDF: 13333.8/85

- sign 42.839 $\pm$ 0.450 χ^2 /NDF: 7282.4/42

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -32.701 ± 0.955 χ^2/NDF : 496.0/17

Left Out: -10.267 ± 0.445 χ^2/NDF : 553.7/24

Right Out: -33.877 ± 0.965 χ^2/NDF : 344.1/19

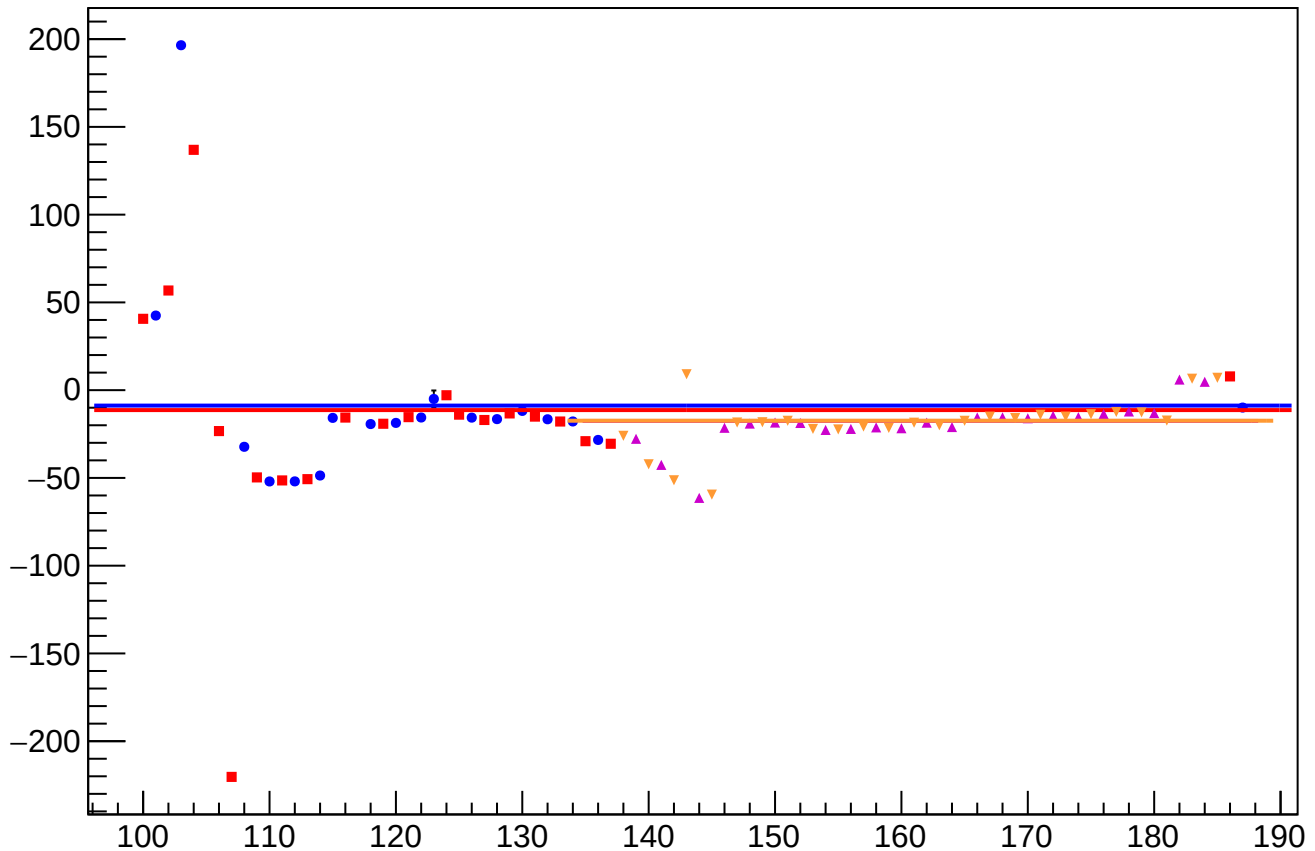
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ sign -14.266 ± 0.403 χ^2/NDF : 1502.9/42

All: -15.055 ± 0.288 χ^2/NDF : 2948.8/85

- sign -15.876 ± 0.411 χ^2/NDF : 1438.2/42

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.795 ± 0.058 χ^2/NDF : 576027.5/17

Left Out: -17.411 ± 0.020 χ^2/NDF : 320231.3/24

Right Out: -11.356 ± 0.059 χ^2/NDF : 568466.8/19

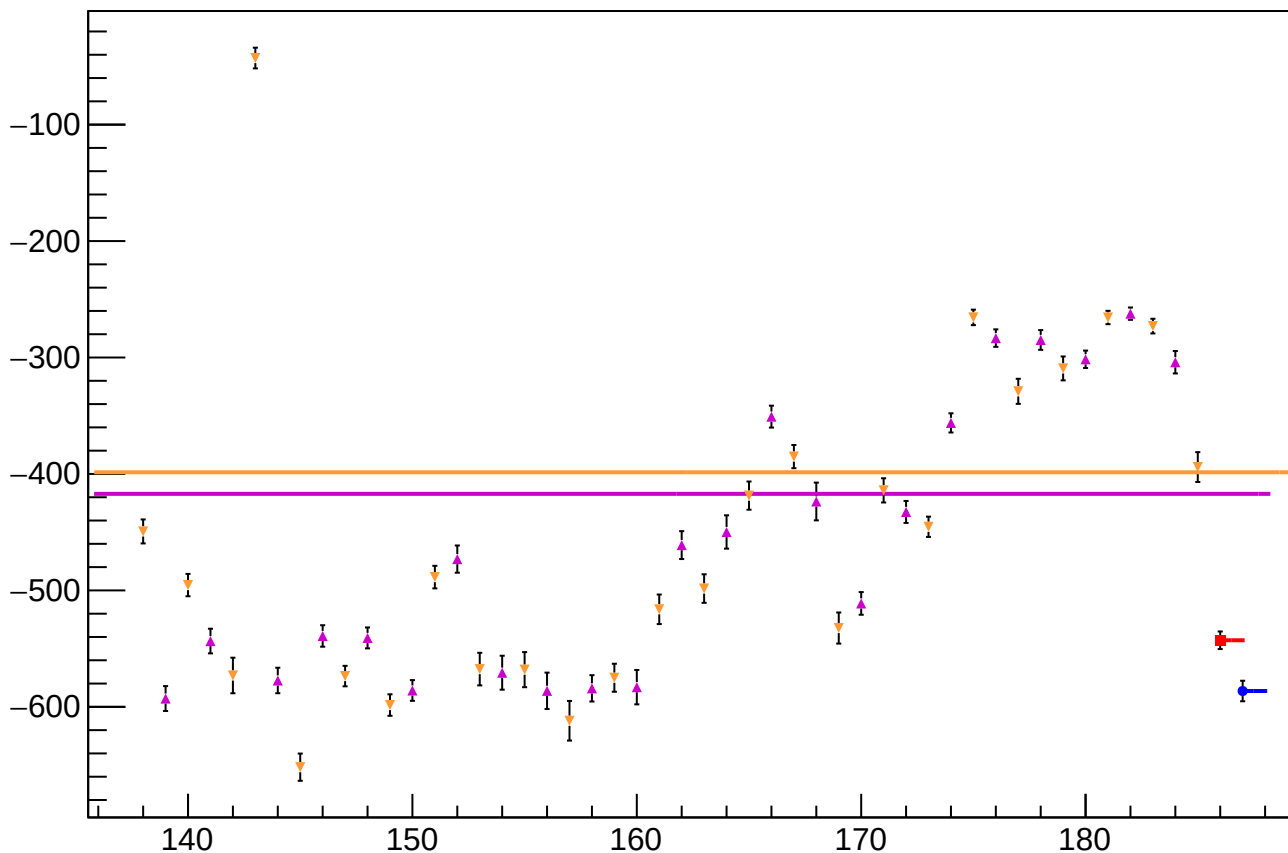
Left In: -17.552 ± 0.021 χ^2/NDF : 261900.3/22

+ sign -16.450 ± 0.019 χ^2/NDF : 916090.3/42

All: -16.663 ± 0.014 χ^2/NDF : 1756523.1/85

- sign -16.880 ± 0.019 χ^2/NDF : 840186.0/42

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -586.400 ± 8.817 χ^2/NDF : 0.0/0

Left Out: -398.556 ± 1.962 χ^2/NDF : 5659.5/24

Right Out: -542.818 ± 7.555 χ^2/NDF : 0.0/0

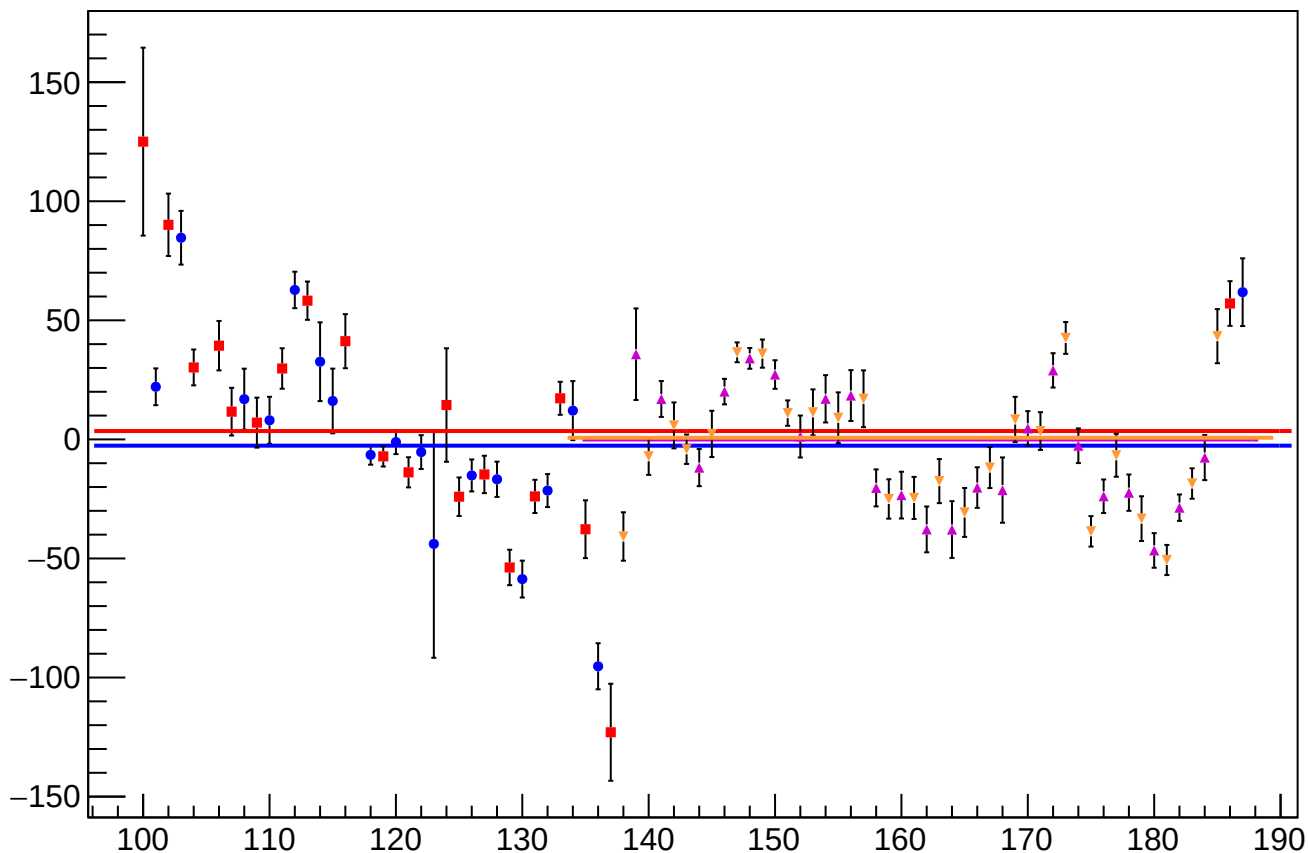
Left In: -417.080 ± 1.997 χ^2/NDF : 3958.5/22

+ sign -407.416 ± 1.915 χ^2/NDF : 6092.1/25

All: -416.279 ± 1.359 χ^2/NDF : 10352.7/49

- sign -425.290 ± 1.931 χ^2/NDF : 4217.5/23

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -2.635 ± 1.872 χ^2/NDF : 335.3/17

Left Out: 0.697 ± 1.510 χ^2/NDF : 349.9/24

Right Out: 3.507 ± 1.881 χ^2/NDF : 337.6/19

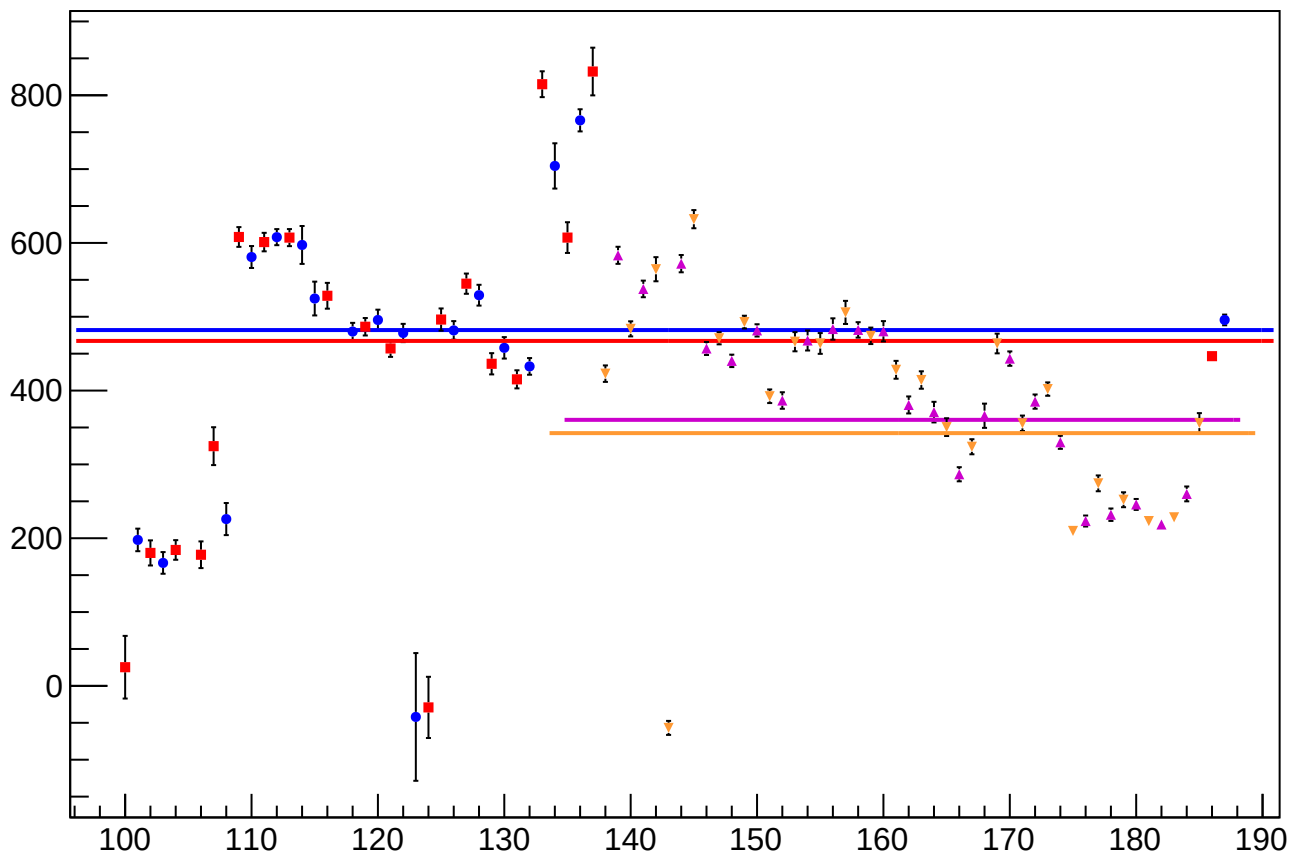
Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

+ sign -0.617 ± 1.175 χ^2/NDF : 687.1/42

All: 0.371 ± 0.842 χ^2/NDF : 1292.4/85

- sign 1.410 ± 1.206 χ^2/NDF : 603.9/42

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 481.970 ± 3.245 $\chi^2/\text{NDF}: 1633.5/17$

Left Out: 342.368 ± 1.970 $\chi^2/\text{NDF}: 5181.7/24$

Right Out: 467.257 ± 3.049 $\chi^2/\text{NDF}: 2302.8/19$

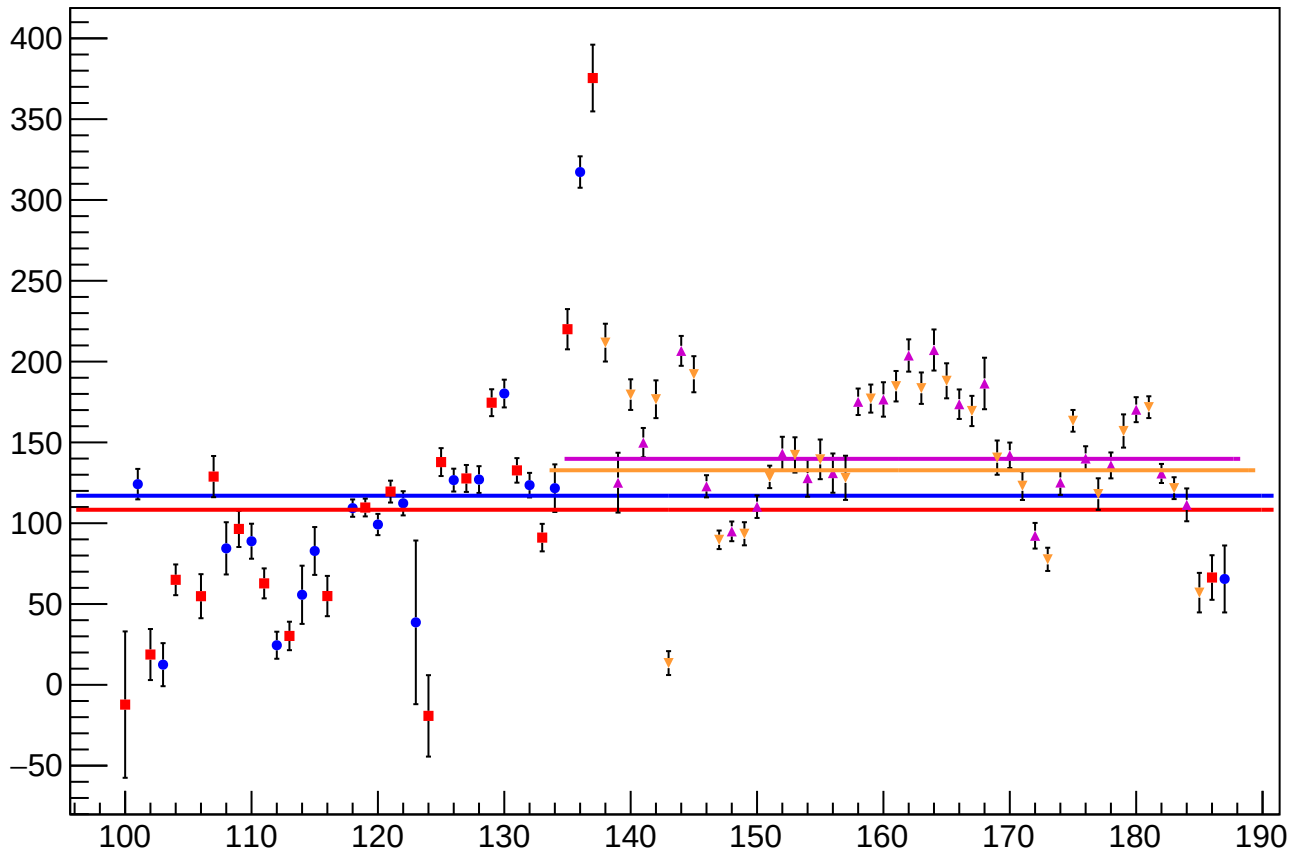
Left In: 360.355 ± 1.996 $\chi^2/\text{NDF}: 3449.9/22$

+ sign 379.950 ± 1.684 $\chi^2/\text{NDF}: 8167.4/42$

All: 386.235 ± 1.186 $\chi^2/\text{NDF}: 14808.4/85$

- sign 392.415 ± 1.670 $\chi^2/\text{NDF}: 6613.4/42$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.008 ± 2.181 $\chi^2/\text{NDF}: 713.1/17$

Left Out: 132.762 ± 1.736 $\chi^2/\text{NDF}: 749.6/24$

Right Out: 108.323 ± 2.182 $\chi^2/\text{NDF}: 580.7/19$

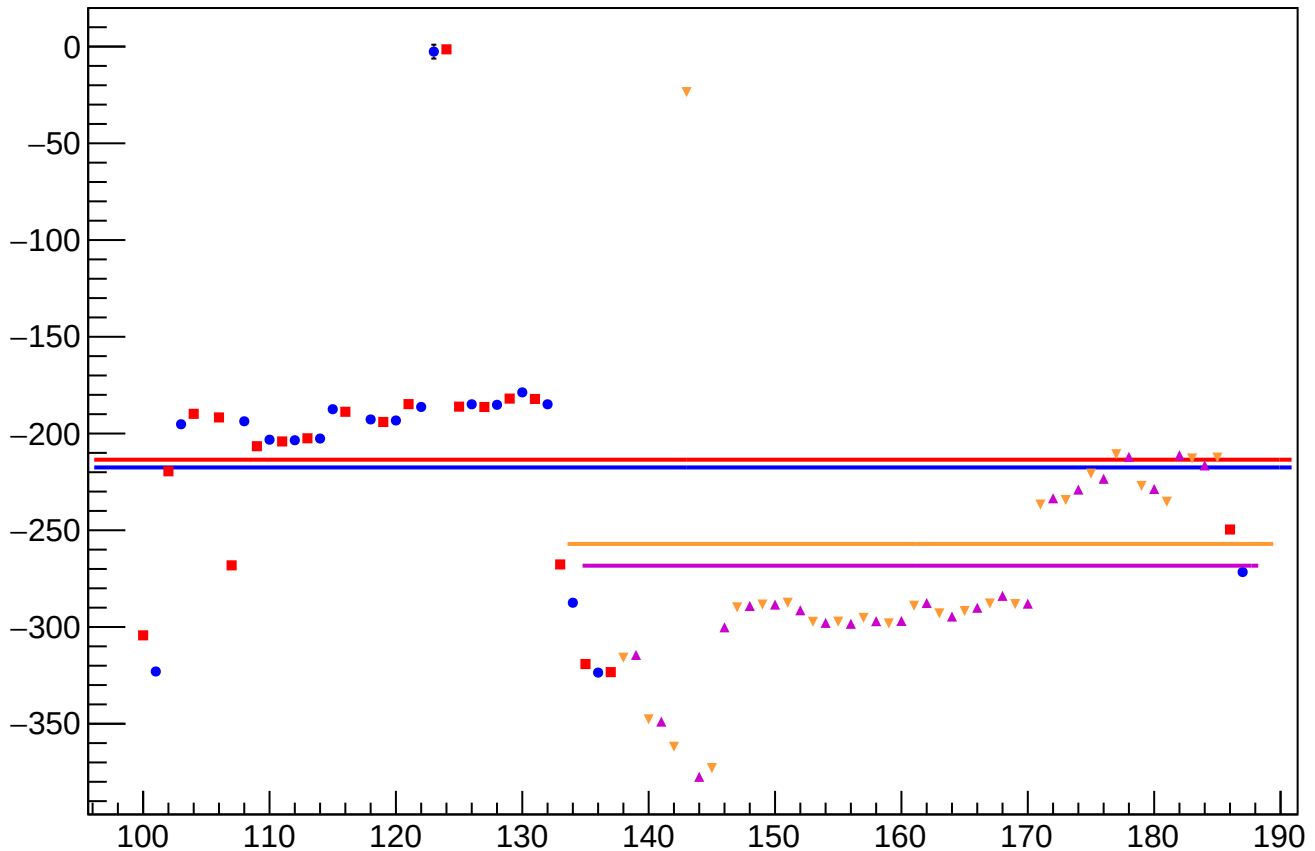
Left In: 139.828 ± 1.790 $\chi^2/\text{NDF}: 321.7/22$

+ sign 126.652 ± 1.358 $\chi^2/\text{NDF}: 1494.7/42$

All: 126.900 ± 0.969 $\chi^2/\text{NDF}: 2521.7/85$

- sign 127.157 ± 1.384 $\chi^2/\text{NDF}: 1027.0/42$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.525 ± 0.135 $\chi^2/\text{NDF}: 149149.0/17$

Left Out: -257.067 ± 0.082 $\chi^2/\text{NDF}: 665762.3/24$

Right Out: -213.516 ± 0.129 $\chi^2/\text{NDF}: 117797.6/19$

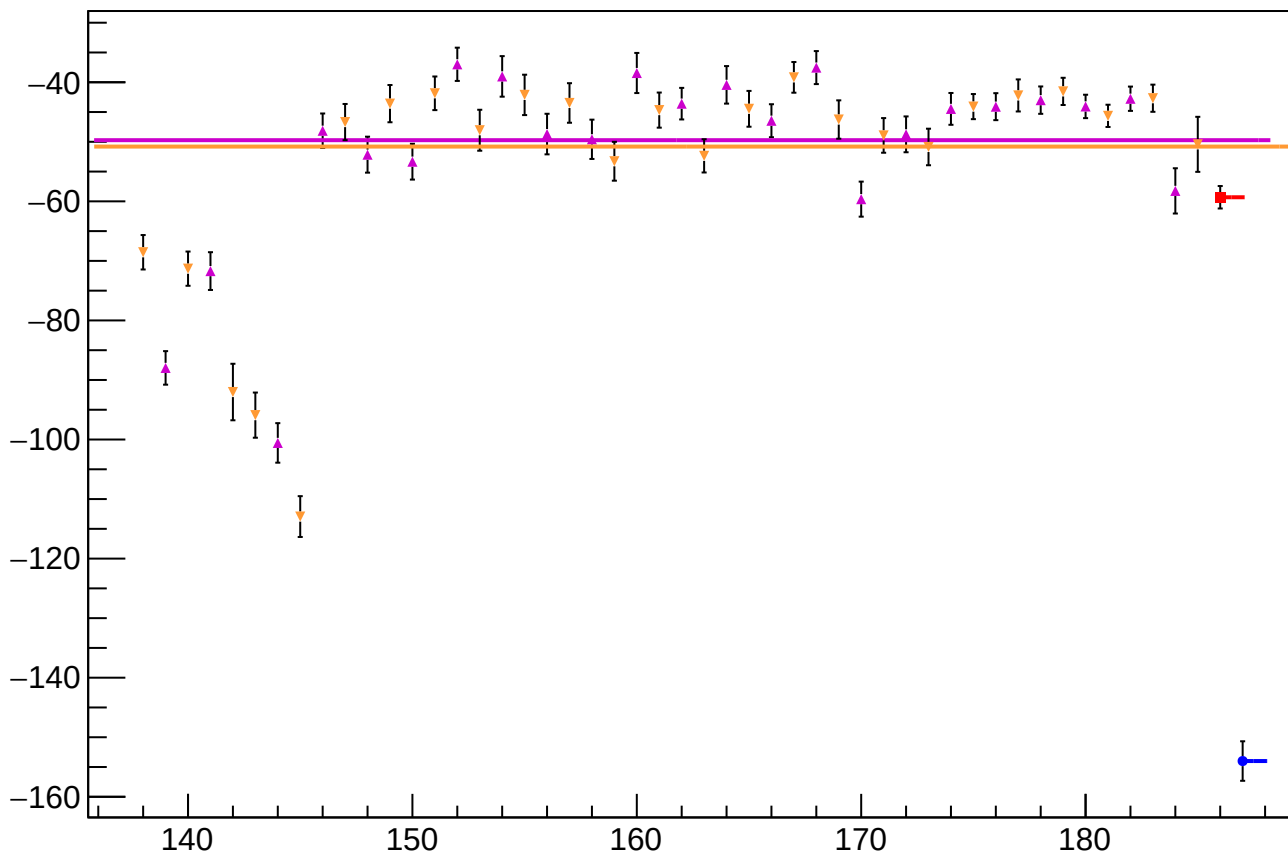
Left In: -268.305 ± 0.083 $\chi^2/\text{NDF}: 264853.3/22$

+ sign -246.328 ± 0.070 $\chi^2/\text{NDF}: 877639.1/42$

All: -249.271 ± 0.050 $\chi^2/\text{NDF}: 1391122.8/85$

- sign -252.191 ± 0.070 $\chi^2/\text{NDF}: 509984.8/42$

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -153.998 ± 3.318 χ^2/NDF : 0.0/0

Left Out: -50.802 ± 0.574 χ^2/NDF : 752.7/24

Right Out: -59.314 ± 1.886 χ^2/NDF : 0.0/0

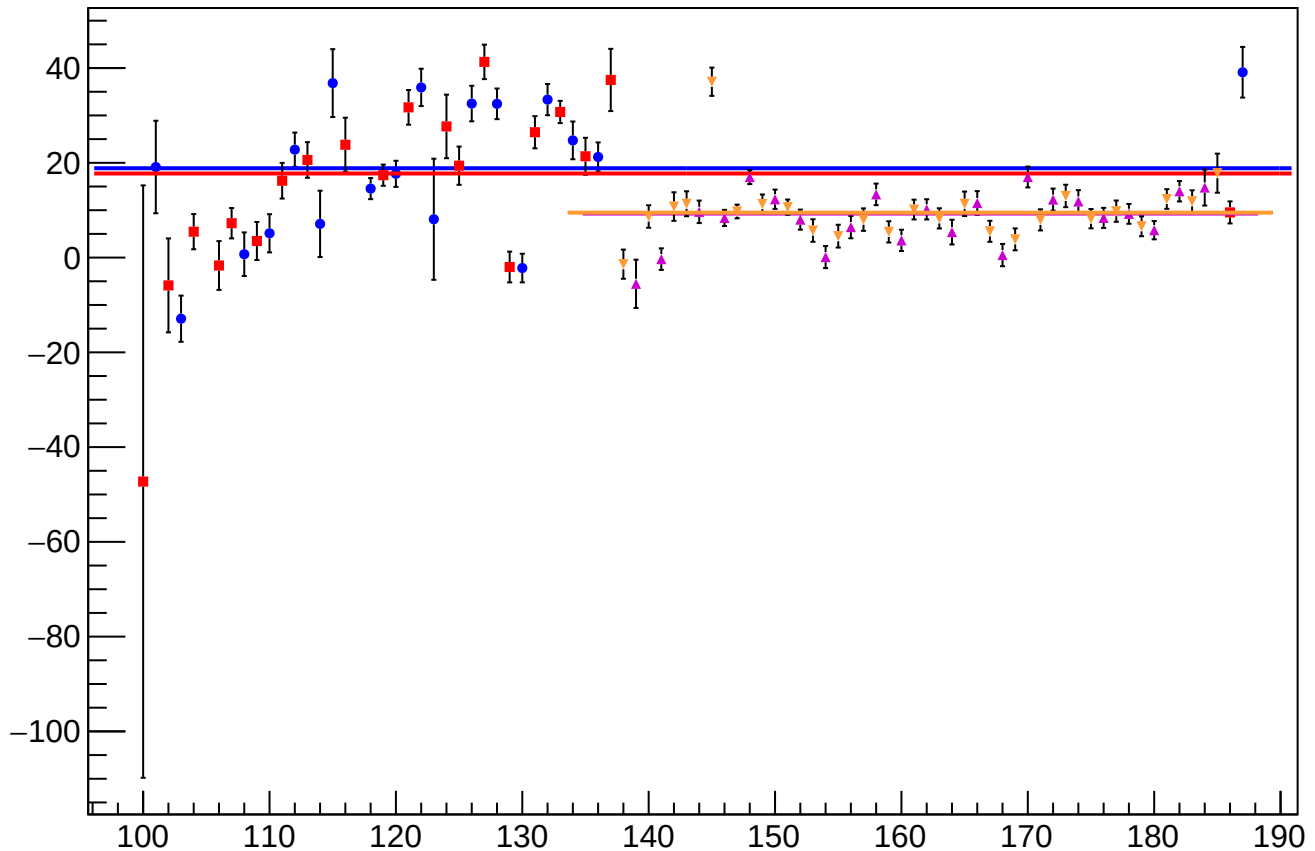
Left In: -49.728 ± 0.581 χ^2/NDF : 601.0/22

+ sign -53.799 ± 0.565 χ^2/NDF : 1691.9/25

All: -52.151 ± 0.396 χ^2/NDF : 2333.1/49

- sign -50.560 ± 0.556 χ^2/NDF : 624.6/23

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.860 ± 0.893 χ^2/NDF : 219.3/17

Left Out: 9.483 ± 0.447 χ^2/NDF : 133.0/24

Right Out: 17.748 ± 0.810 χ^2/NDF : 212.6/19

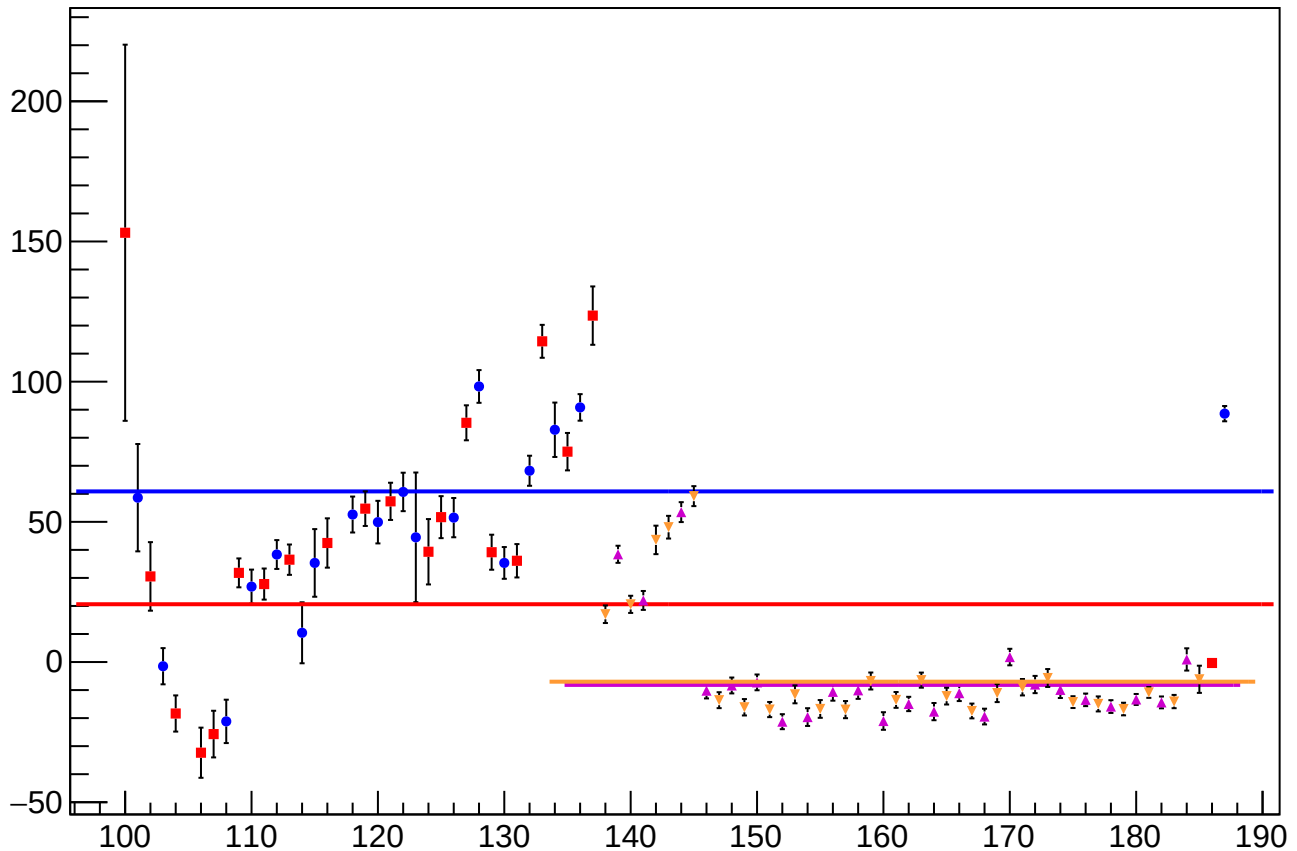
Left In: 9.289 ± 0.461 χ^2/NDF : 125.6/22

+ sign 11.361 ± 0.400 χ^2/NDF : 440.6/42

All: 11.358 ± 0.283 χ^2/NDF : 861.2/85

- sign 11.355 ± 0.400 χ^2/NDF : 420.6/42

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 60.860 $\pm$ 1.423 χ^2 /NDF: 500.1/17

Left Out: -7.007 $\pm$ 0.572 χ^2 /NDF: 899.2/24

Right Out: 20.617 $\pm$ 1.099 χ^2 /NDF: 944.0/19

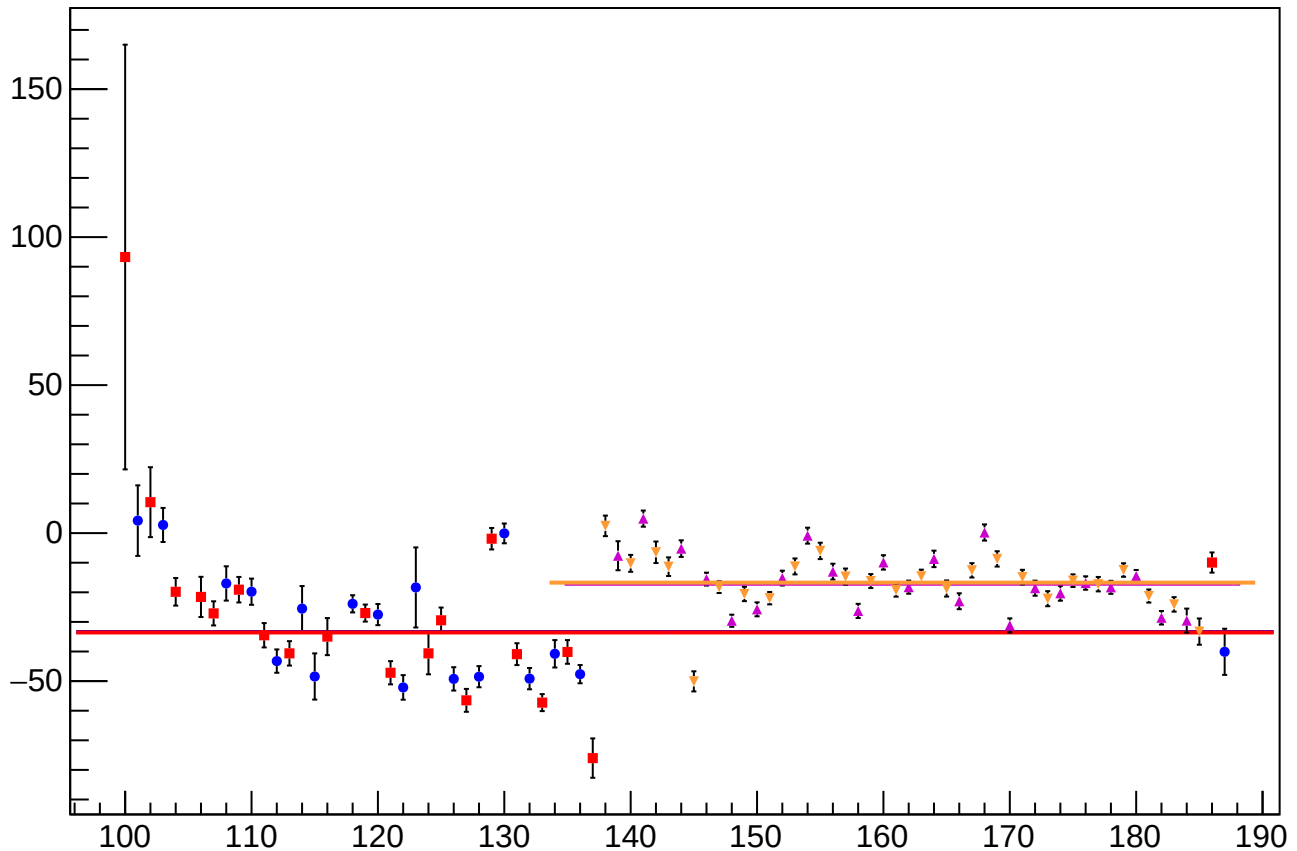
Left In: -8.158 $\pm$ 0.578 χ^2 /NDF: 753.9/22

+ sign 2.433 $\pm$ 0.531 χ^2 /NDF: 3358.1/42

All: 0.172 $\pm$ 0.368 χ^2 /NDF: 5628.2/85

- sign -1.928 $\pm$ 0.511 χ^2 /NDF: 2235.1/42

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.409 ± 1.024 χ^2/NDF : 289.9/17

Left Out: -16.727 ± 0.508 χ^2/NDF : 223.3/24

Right Out: -33.566 ± 0.953 χ^2/NDF : 339.7/19

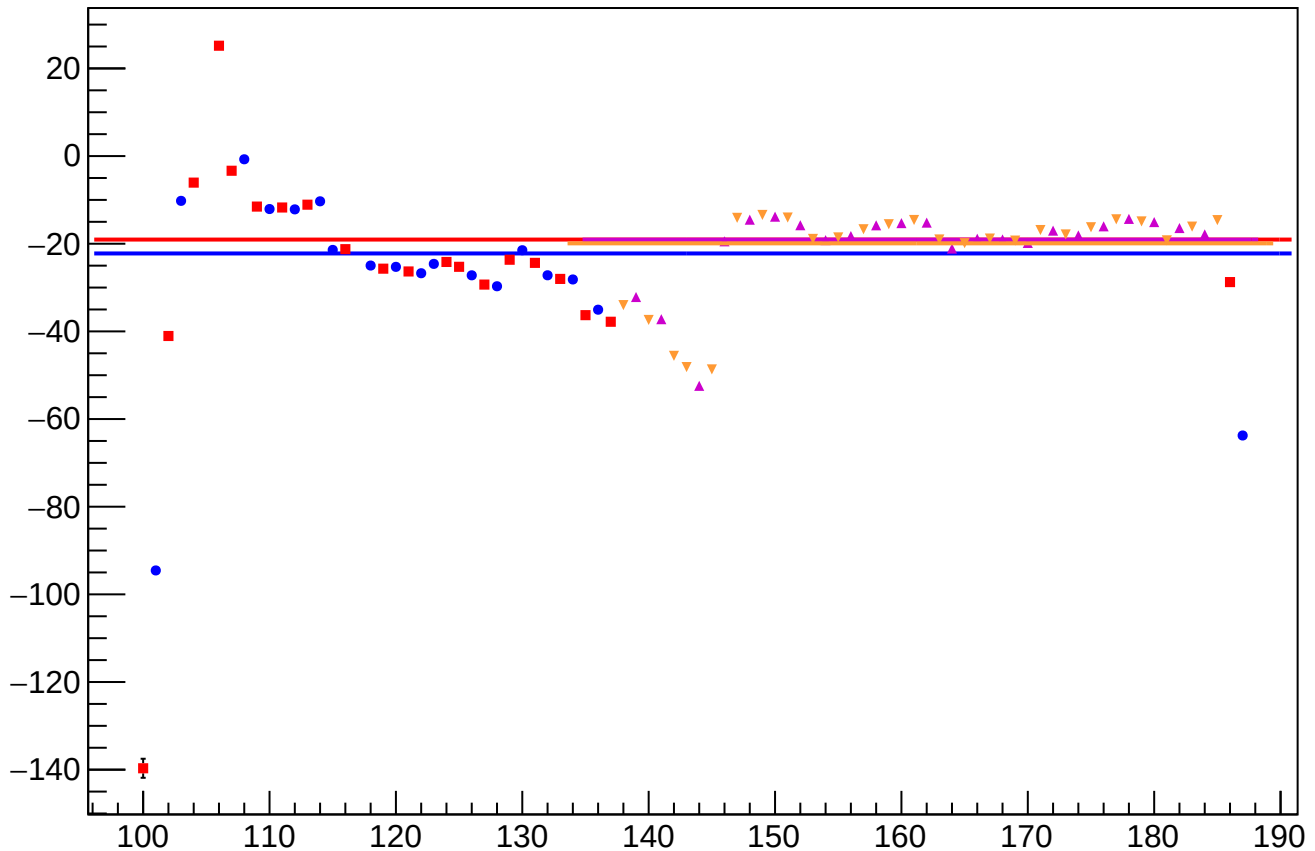
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ sign -20.019 ± 0.455 χ^2/NDF : 726.2/42

All: -20.449 ± 0.322 χ^2/NDF : 1625.7/85

- sign -20.883 ± 0.457 χ^2/NDF : 897.7/42

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -22.218 ± 0.058 χ^2/NDF : 58118.8/17

Left Out: -19.915 ± 0.023 χ^2/NDF : 141090.6/24

Right Out: -19.049 ± 0.056 χ^2/NDF : 82425.8/19

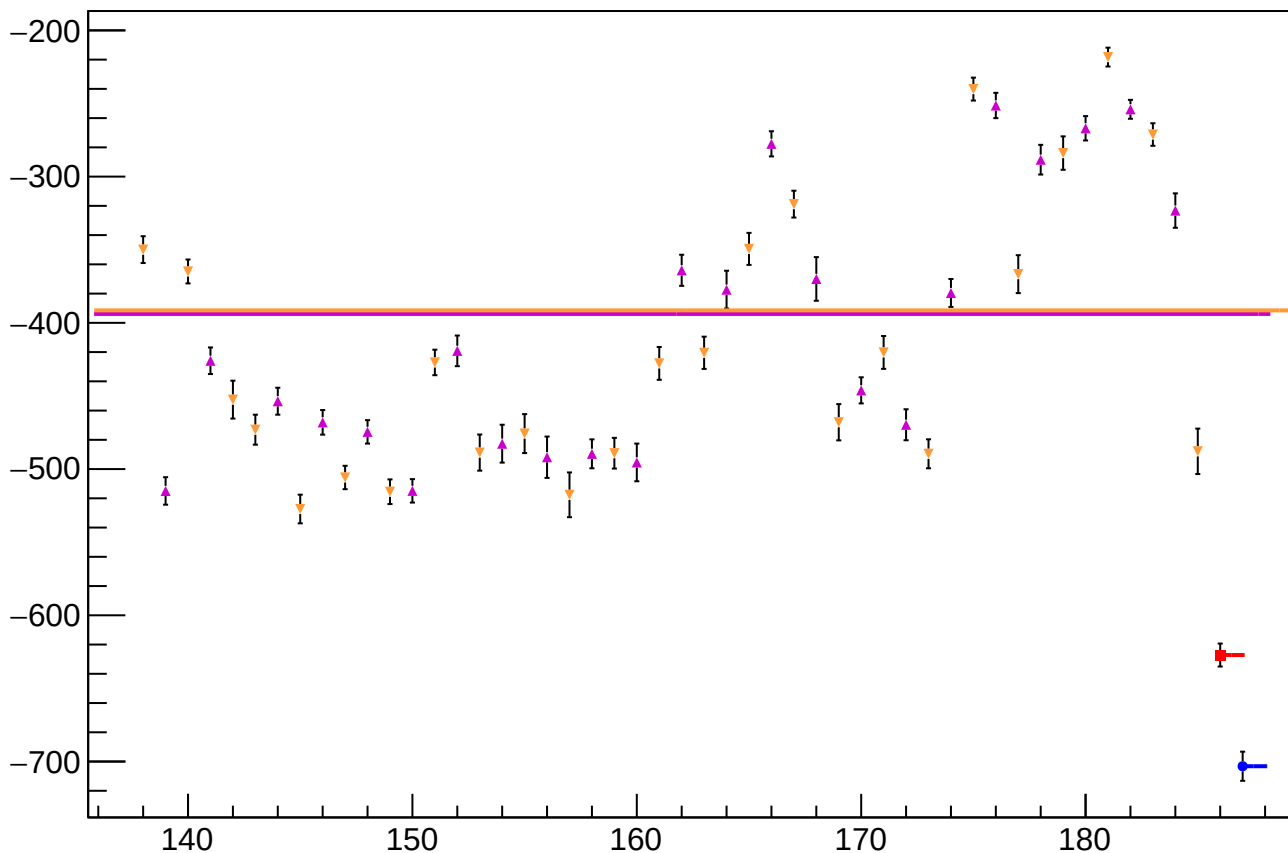
Left In: -19.068 ± 0.024 χ^2/NDF : 92702.3/22

+ sign -20.234 ± 0.022 χ^2/NDF : 200560.0/42

All: -19.651 ± 0.015 χ^2/NDF : 377140.8/85

- sign -19.065 ± 0.022 χ^2/NDF : 175128.2/42

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -703.210+/-9.965 χ^2/NDF : 0.0/0

Left Out: -391.476+/-1.973 χ^2/NDF : 2708.6/24

Right Out: -627.170+/-7.862 χ^2/NDF : 0.0/0

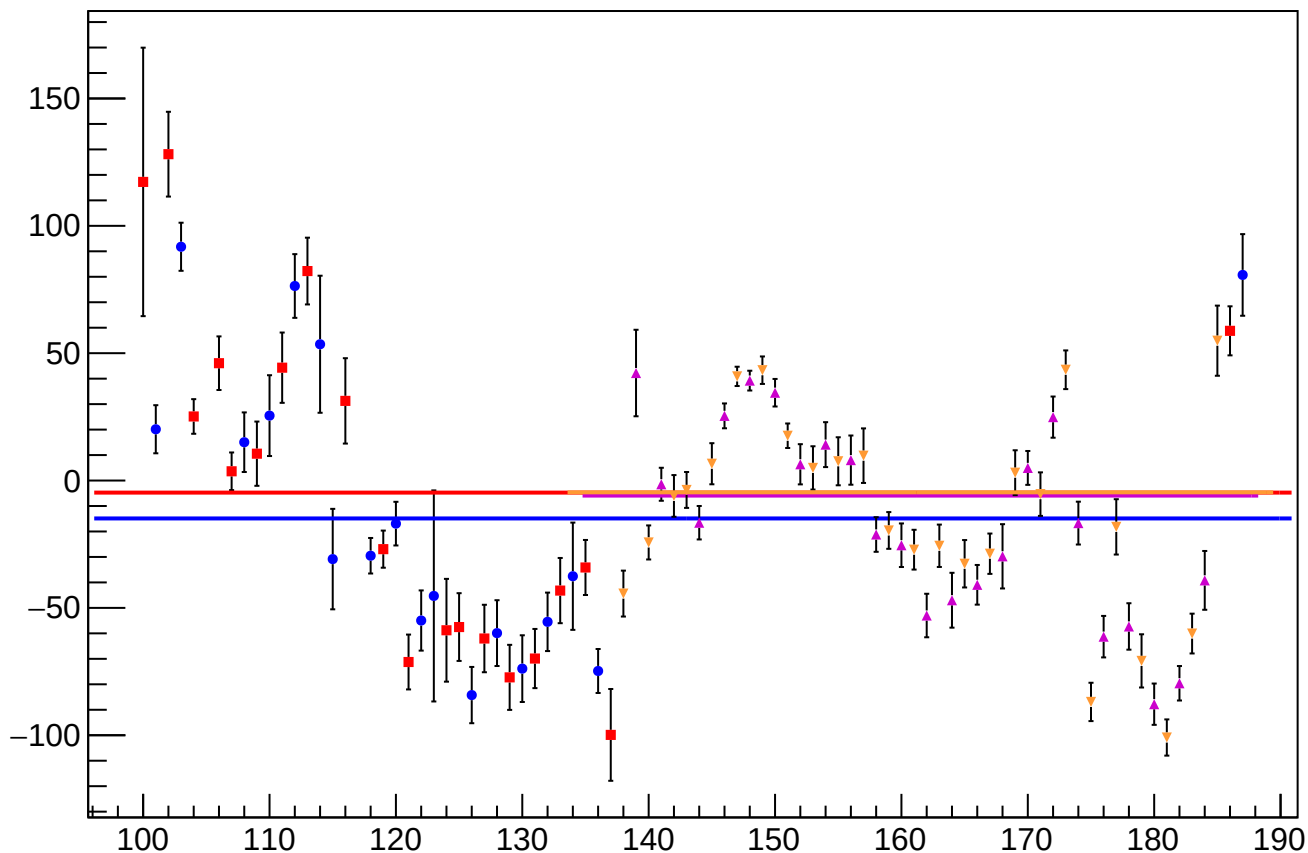
Left In: -393.904+/-1.998 χ^2/NDF : 2280.8/22

+ sign -403.231+/-1.935 χ^2/NDF : 3650.4/25

All: -405.640+/-1.369 χ^2/NDF : 6761.2/49

- sign -408.052+/-1.936 χ^2/NDF : 3107.6/23

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -14.884 ± 2.740 $\chi^2/\text{NDF}: 400.5/17$

Left Out: -4.635 ± 1.467 $\chi^2/\text{NDF}: 771.4/24$

Right Out: -4.738 ± 2.522 $\chi^2/\text{NDF}: 416.3/19$

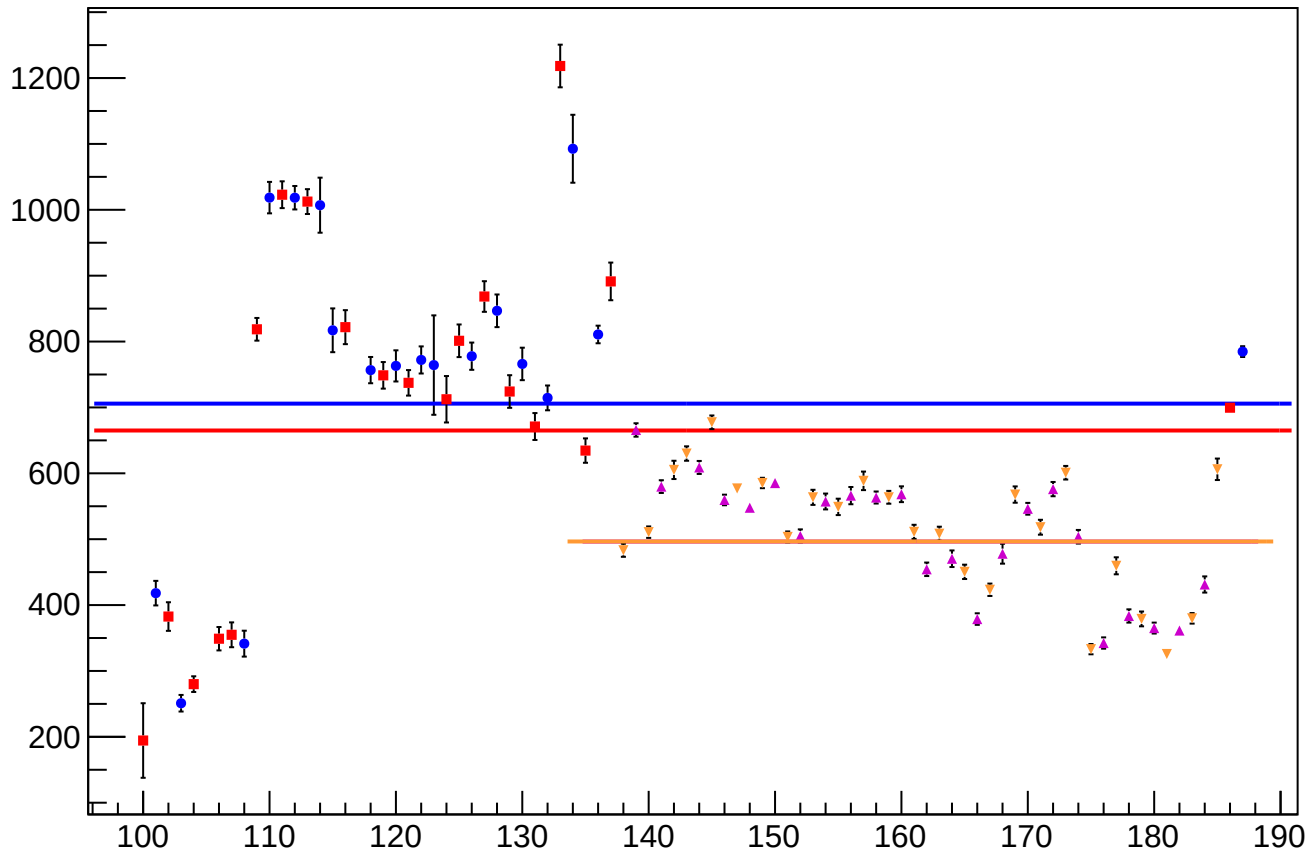
Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

+ sign -6.919 ± 1.294 $\chi^2/\text{NDF}: 1182.8/42$

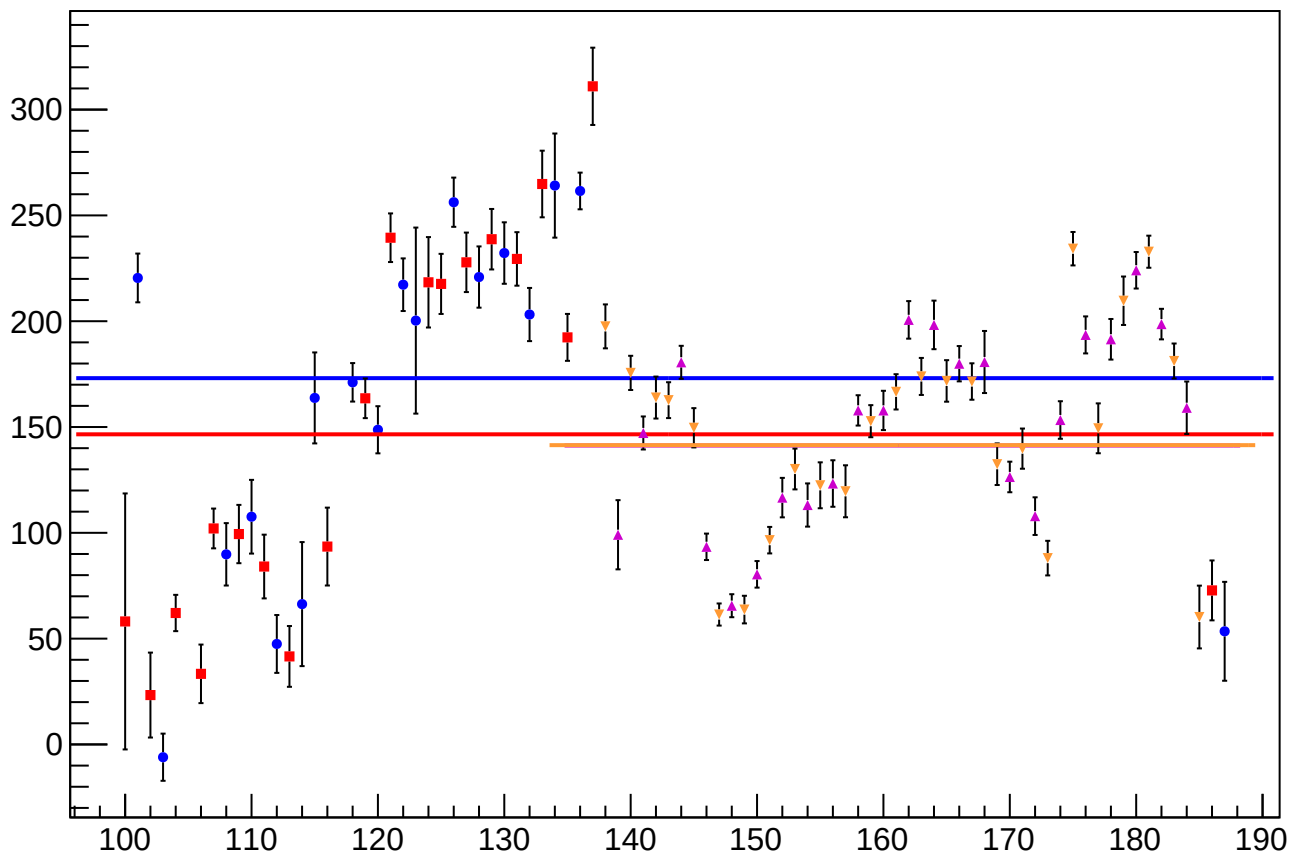
All: -6.260 ± 0.916 $\chi^2/\text{NDF}: 2257.3/85$

- sign -5.597 ± 1.298 $\chi^2/\text{NDF}: 1074.0/42$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 173.093 $\pm$ 3.173 χ^2 /NDF: 665.2/17

Left Out: 141.430 $\pm$ 1.704 χ^2 /NDF: 957.7/24

Right Out: 146.551 $\pm$ 2.977 χ^2 /NDF: 721.6/19

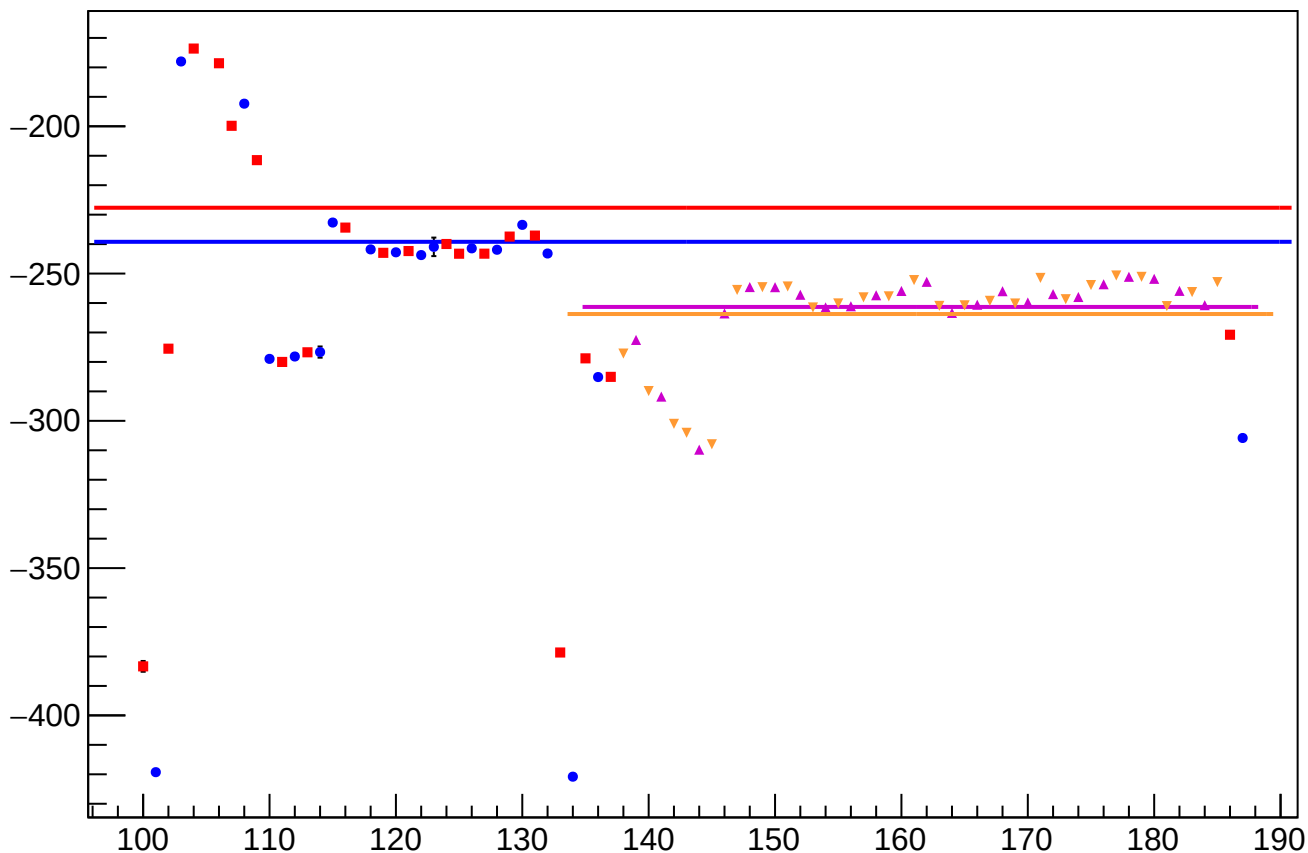
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF: 744.2/22

+ sign 148.518 $\pm$ 1.501 χ^2 /NDF: 1700.2/42

All: 145.567 $\pm$ 1.063 χ^2 /NDF: 3176.0/85

- sign 142.603 $\pm$ 1.505 χ^2 /NDF: 1468.1/42

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -239.218 ± 0.159 χ^2/NDF : 169688.3/17

Left Out: -263.734 ± 0.081 χ^2/NDF : 37922.0/24

Right Out: -227.651 ± 0.149 χ^2/NDF : 104654.2/19

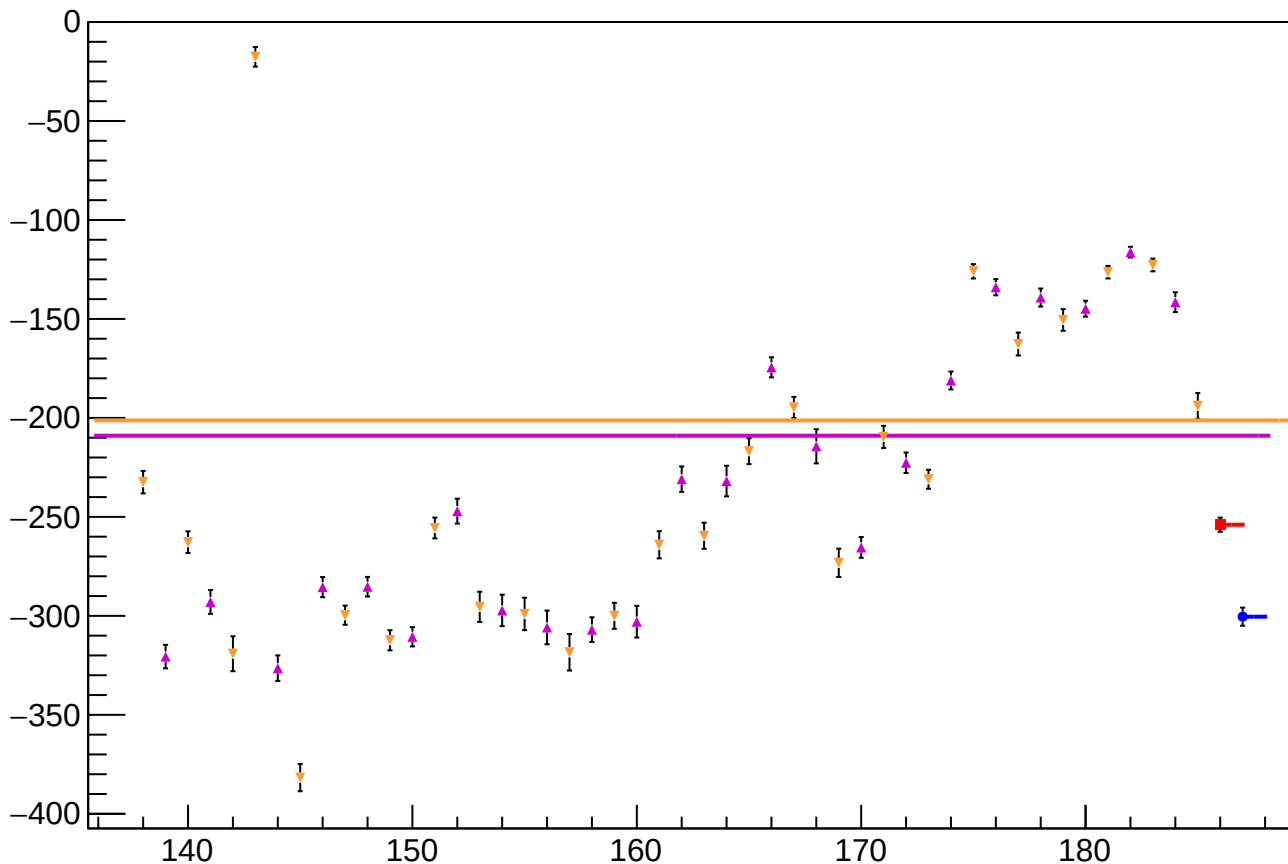
Left In: -261.325 ± 0.082 χ^2/NDF : 23449.2/22

+ sign -258.625 ± 0.072 χ^2/NDF : 226484.7/42

All: -256.077 ± 0.051 χ^2/NDF : 396124.0/85

- sign -253.586 ± 0.072 χ^2/NDF : 167196.0/42

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -300.418 ± 4.592 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -201.261 ± 1.065 $\chi^2/\text{NDF}: 6110.1/24$

Right Out: -253.947 ± 3.589 $\chi^2/\text{NDF}: 0.0/0$

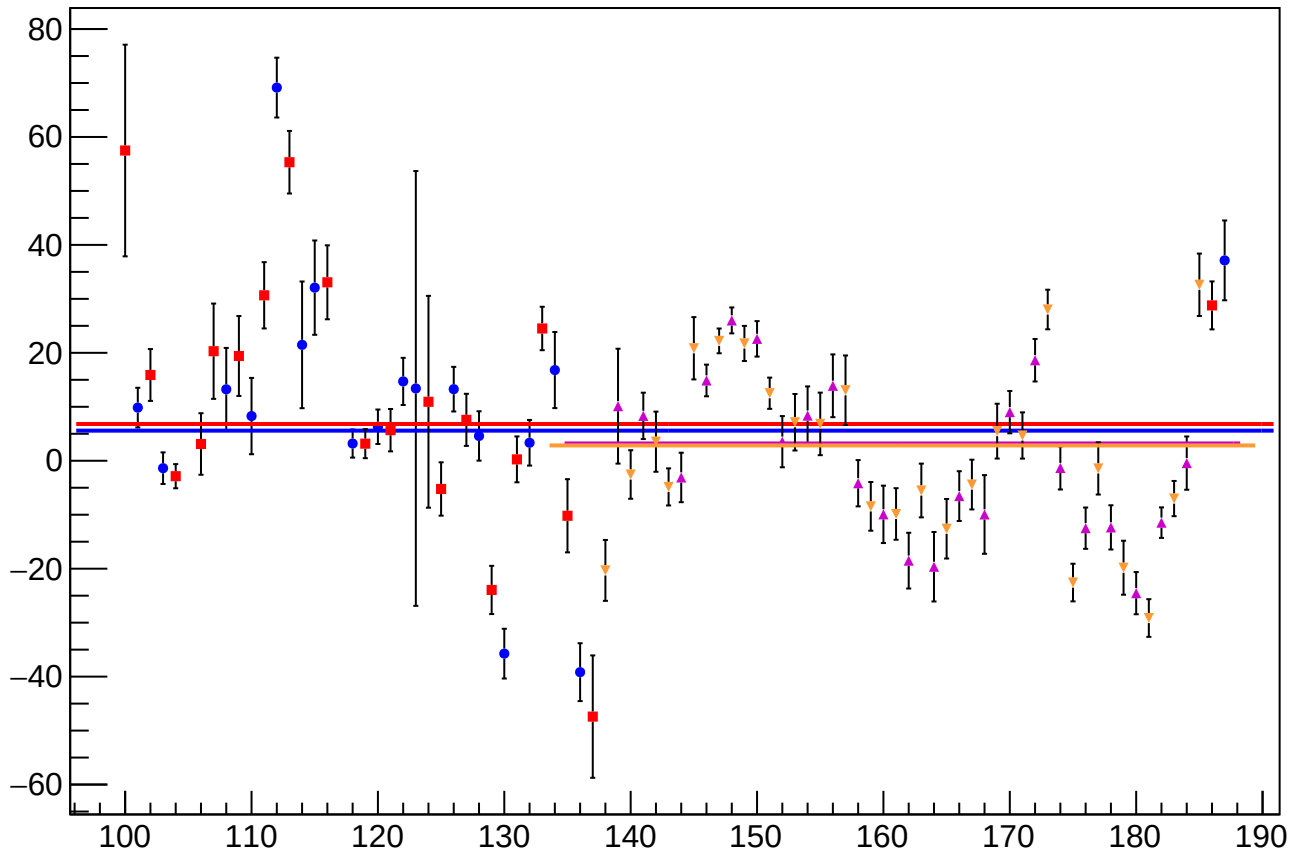
Left In: -208.981 ± 1.078 $\chi^2/\text{NDF}: 4865.2/22$

+ sign -206.327 ± 1.038 $\chi^2/\text{NDF}: 6552.6/25$

All: -209.531 ± 0.732 $\chi^2/\text{NDF}: 11580.8/49$

- sign -212.702 ± 1.033 $\chi^2/\text{NDF}: 5009.2/23$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 5.580 ± 1.077 $\chi^2/\text{NDF}: 330.5/17$

Left Out: 2.841 ± 0.824 $\chi^2/\text{NDF}: 420.6/24$

Right Out: 6.812 ± 1.041 $\chi^2/\text{NDF}: 265.0/19$

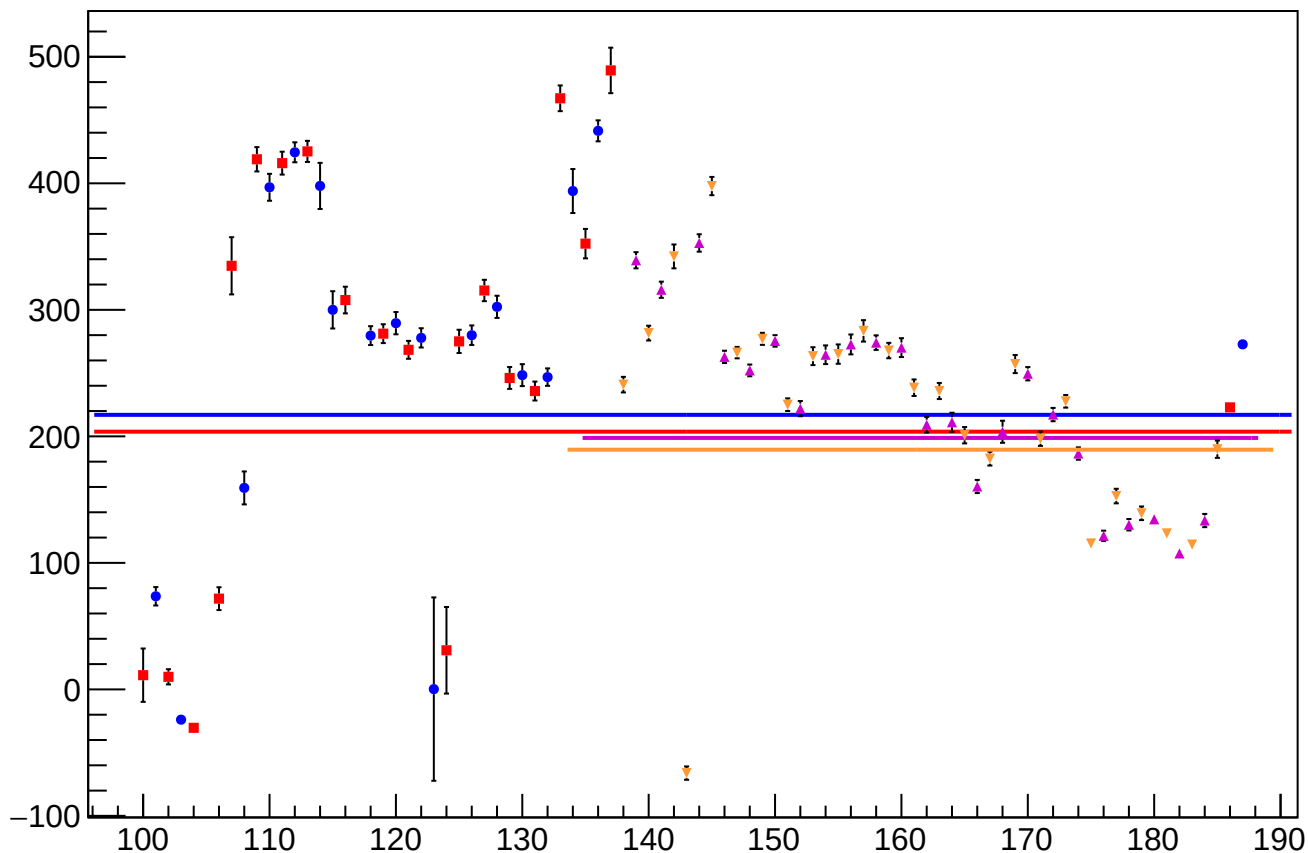
Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

+ sign 3.852 ± 0.655 $\chi^2/\text{NDF}: 755.2/42$

All: 4.251 ± 0.465 $\chi^2/\text{NDF}: 1352.0/85$

- sign 4.658 ± 0.661 $\chi^2/\text{NDF}: 596.0/42$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 217.009 $\pm$ 1.747 χ^2 /NDF: 7031.9/17

Left Out: 189.453 $\pm$ 1.070 χ^2 /NDF:6649.7/24

Right Out: 203.710 $\pm$ 1.598 χ^2 /NDF: 8322.2/19

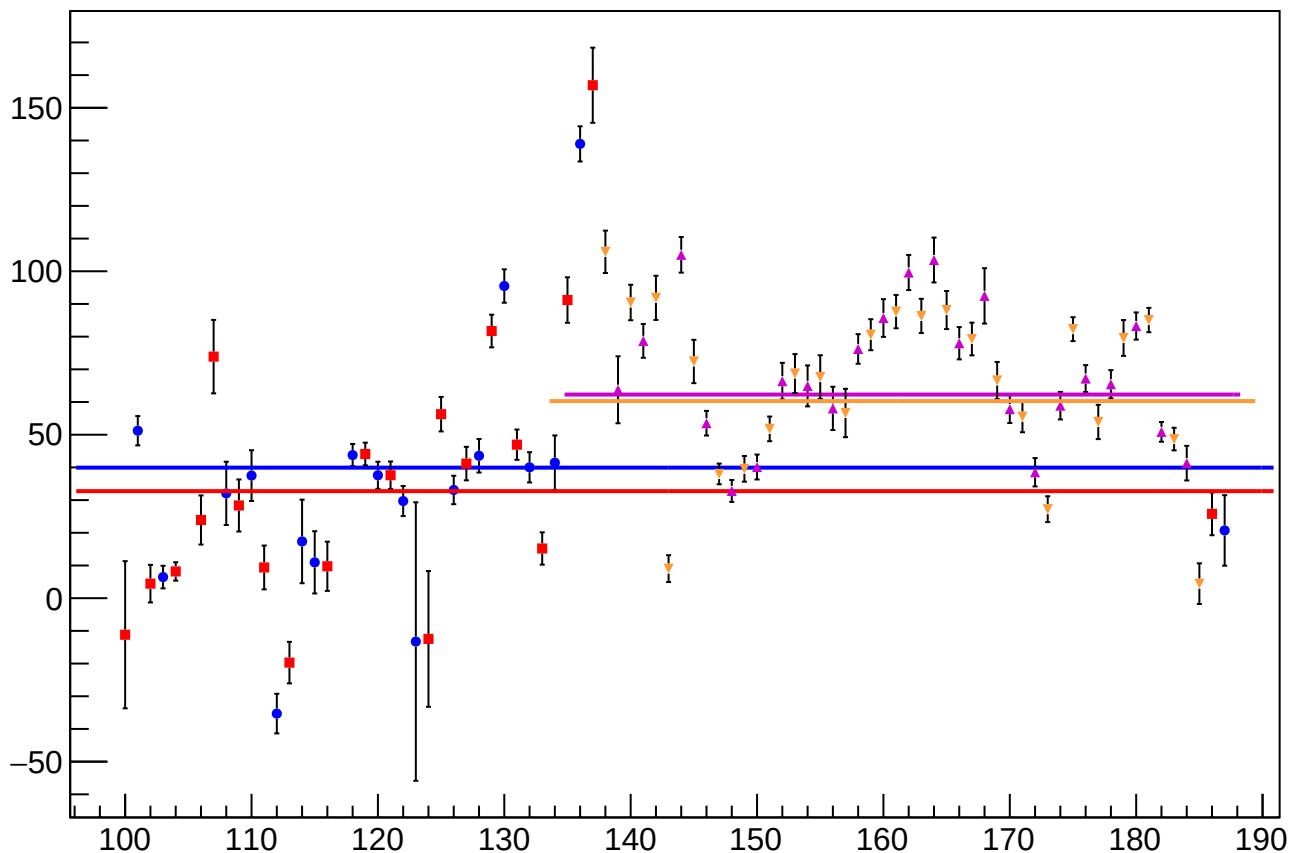
Left In: 198.762 $\pm$ 1.078 χ^2 /NDF:4590.0/22

+ sign 196.970 $\pm$ 0.912 χ^2 /NDF: 13862.6/42

All: 198.674 $\pm$ 0.638 χ^2 /NDF: 26788.3/85

- sign 200.309 $\pm$ 0.894 χ^2 /NDF: 12918.8/42

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 39.931 ± 1.259 $\chi^2/\text{NDF}: 738.2/17$

Left Out: 60.287 ± 0.945 $\chi^2/\text{NDF}: 714.8/24$

Right Out: 32.743 ± 1.230 $\chi^2/\text{NDF}: 555.3/19$

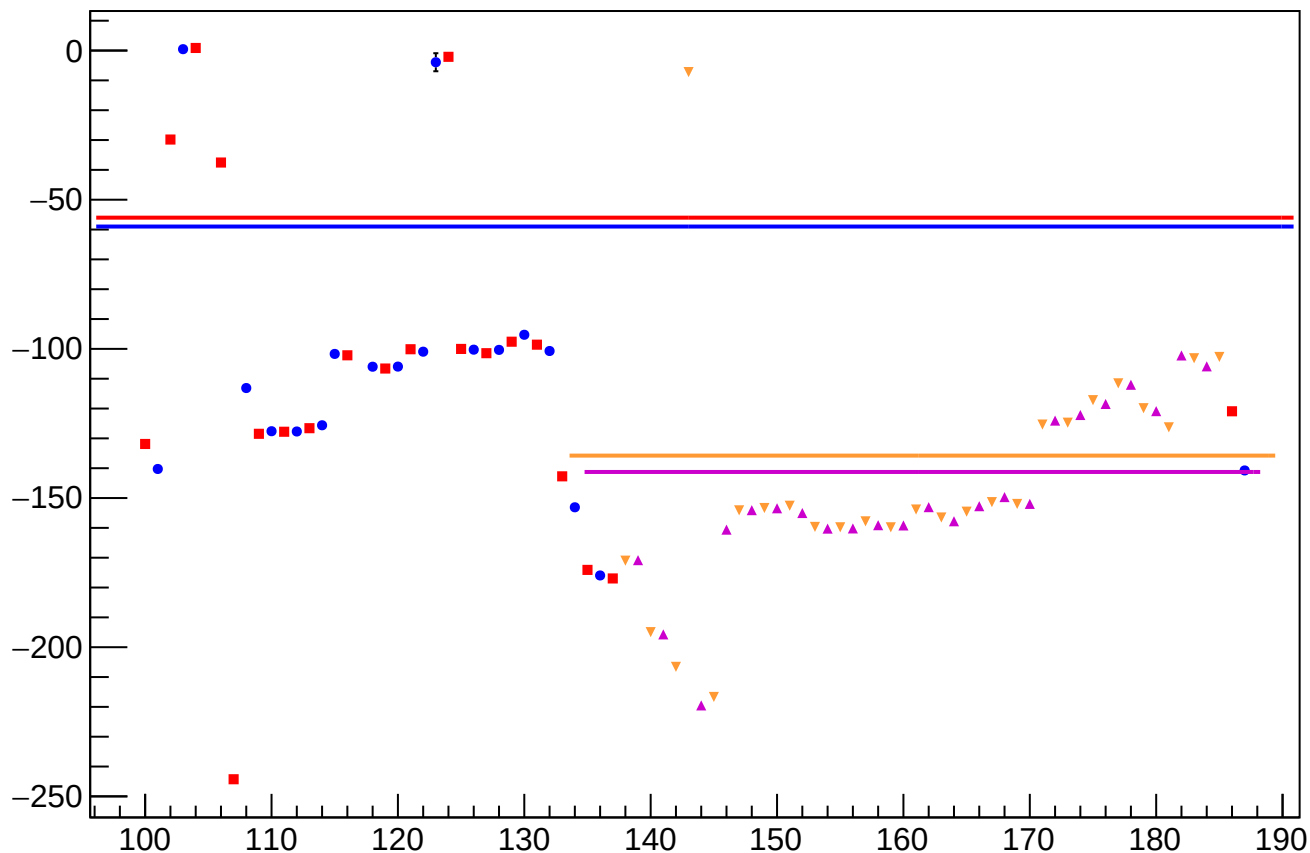
Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

+ sign 52.950 ± 0.756 $\chi^2/\text{NDF}: 1620.2/42$

All: 51.955 ± 0.537 $\chi^2/\text{NDF}: 2946.0/85$

- sign 50.943 ± 0.762 $\chi^2/\text{NDF}: 1322.3/42$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.992 ± 0.061 $\chi^2/\text{NDF}: 1123735.9/17$

Left Out: -135.775 ± 0.045 $\chi^2/\text{NDF}: 742021.1/24$

Right Out: -56.014 ± 0.060 $\chi^2/\text{NDF}: 1023903.9/19$

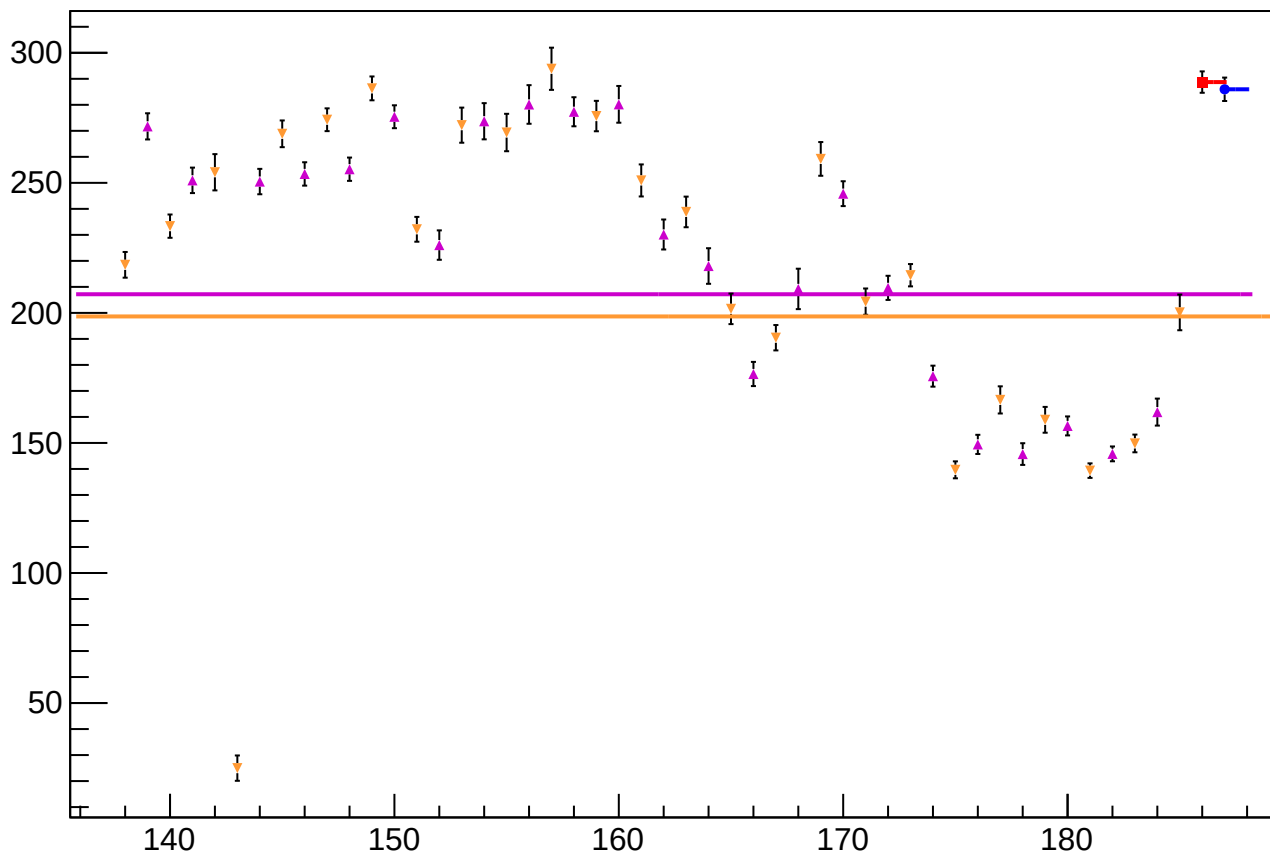
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -109.120 ± 0.036 $\chi^2/\text{NDF}: 2891360.6/42$

All: -109.707 ± 0.025 $\chi^2/\text{NDF}: 5563311.6/85$

- sign -110.292 ± 0.036 $\chi^2/\text{NDF}: 2671422.5/42$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 285.970 $\pm$ 4.498 χ^2 /NDF: 0.0/0

Left Out: 198.637 $\pm$ 0.966 χ^2 /NDF:4146.6/24

Right Out: 288.742 $\pm$ 4.111 χ^2 /NDF: 0.0/0

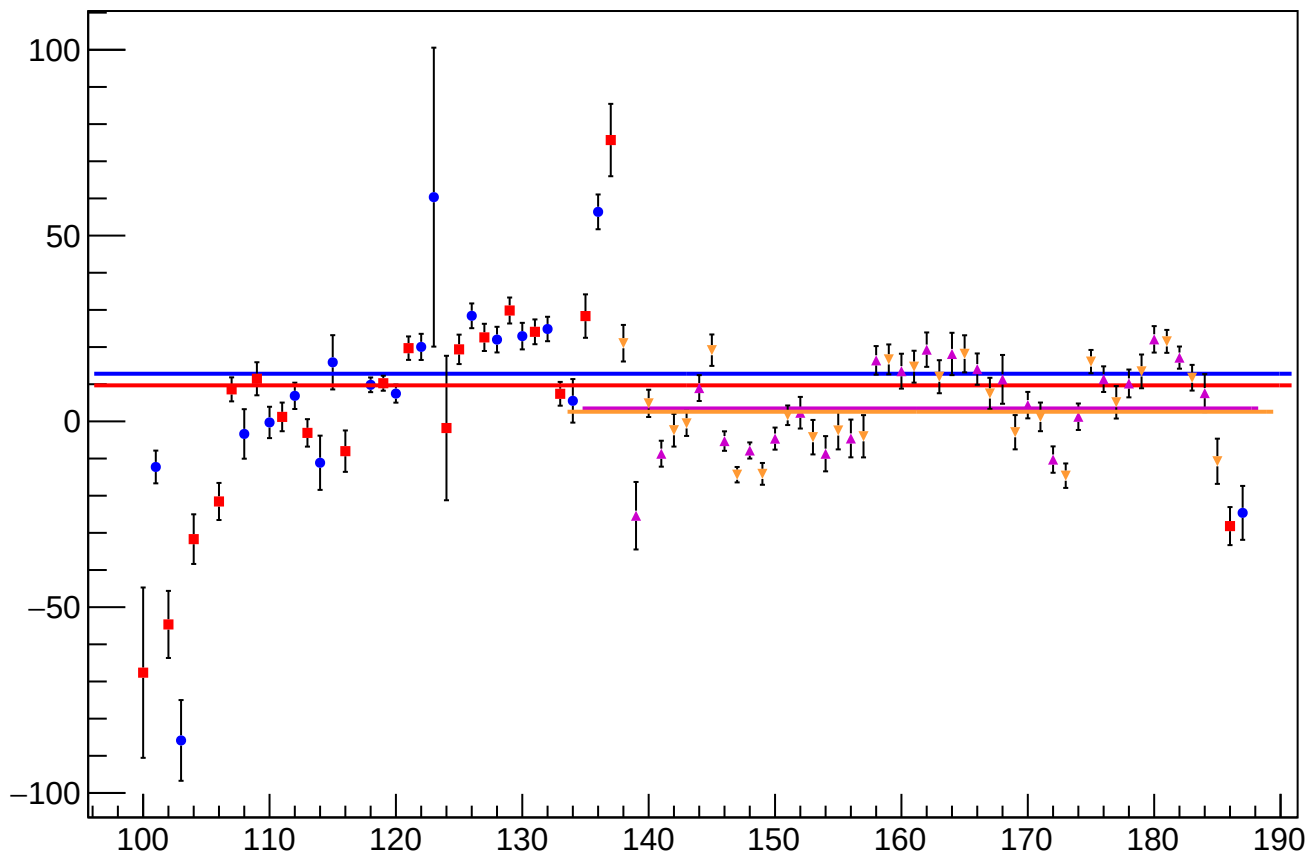
Left In: 207.171 $\pm$ 0.986 χ^2 /NDF:2631.6/22

+ sign 202.488 $\pm$ 0.945 χ^2 /NDF: 4506.9/25

All: 206.980 $\pm$ 0.673 χ^2 /NDF: 7556.7/49

- sign 211.609 $\pm$ 0.959 χ^2 /NDF: 3003.9/23

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 12.821 ± 0.912 χ^2/NDF : 322.3/17

Left Out: 2.595 ± 0.744 χ^2/NDF : 274.3/24

Right Out: 9.695 ± 0.902 χ^2/NDF : 359.1/19

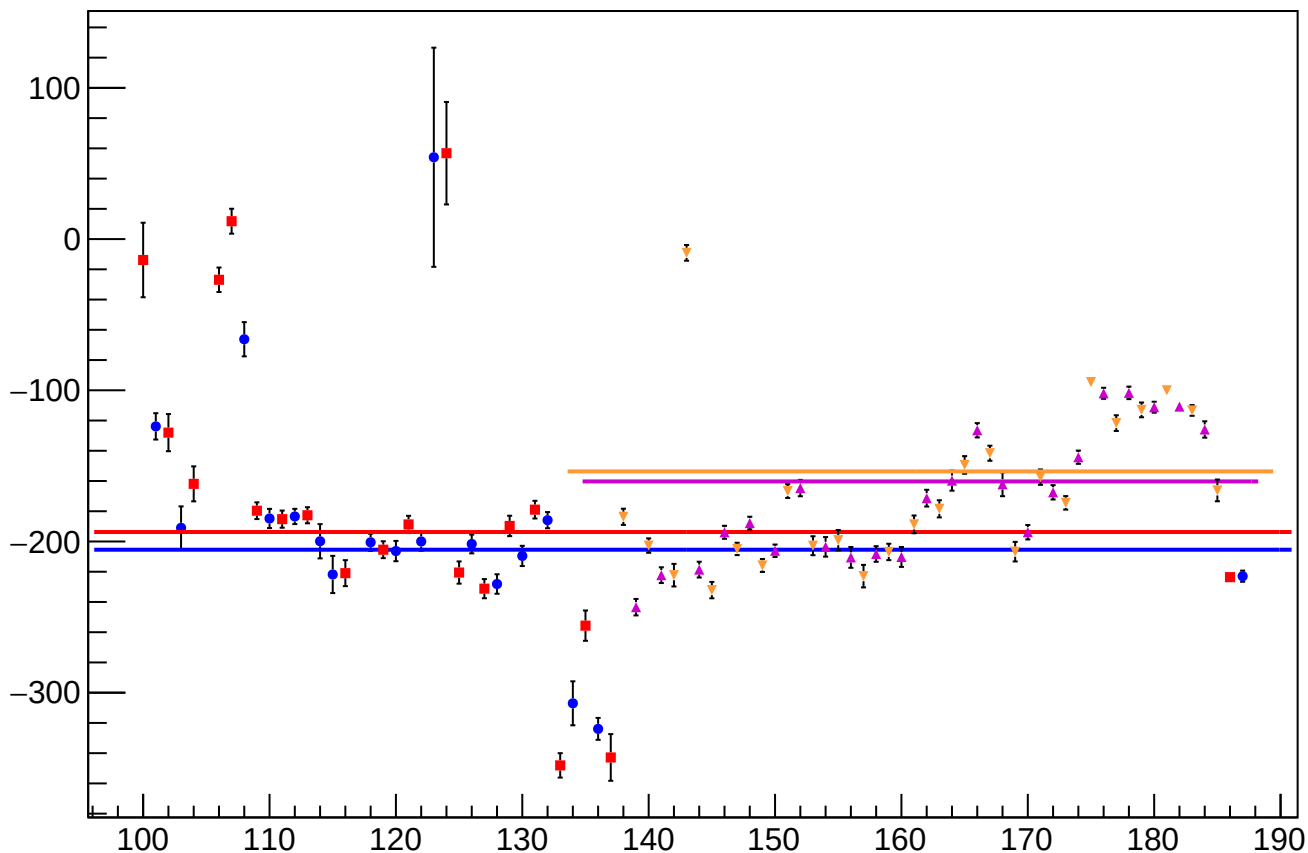
Left In: 3.478 ± 0.772 χ^2/NDF : 194.7/22

+ sign 6.680 ± 0.577 χ^2/NDF : 672.1/42

All: 6.398 ± 0.411 χ^2/NDF : 1253.7/85

- sign 6.107 ± 0.586 χ^2/NDF : 581.2/42

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -205.442 ± 1.603 χ^2/NDF : 651.1/17

Left Out: -153.649 ± 0.970 χ^2/NDF : 2930.9/24

Right Out: -193.729 ± 1.510 χ^2/NDF : 1853.9/19

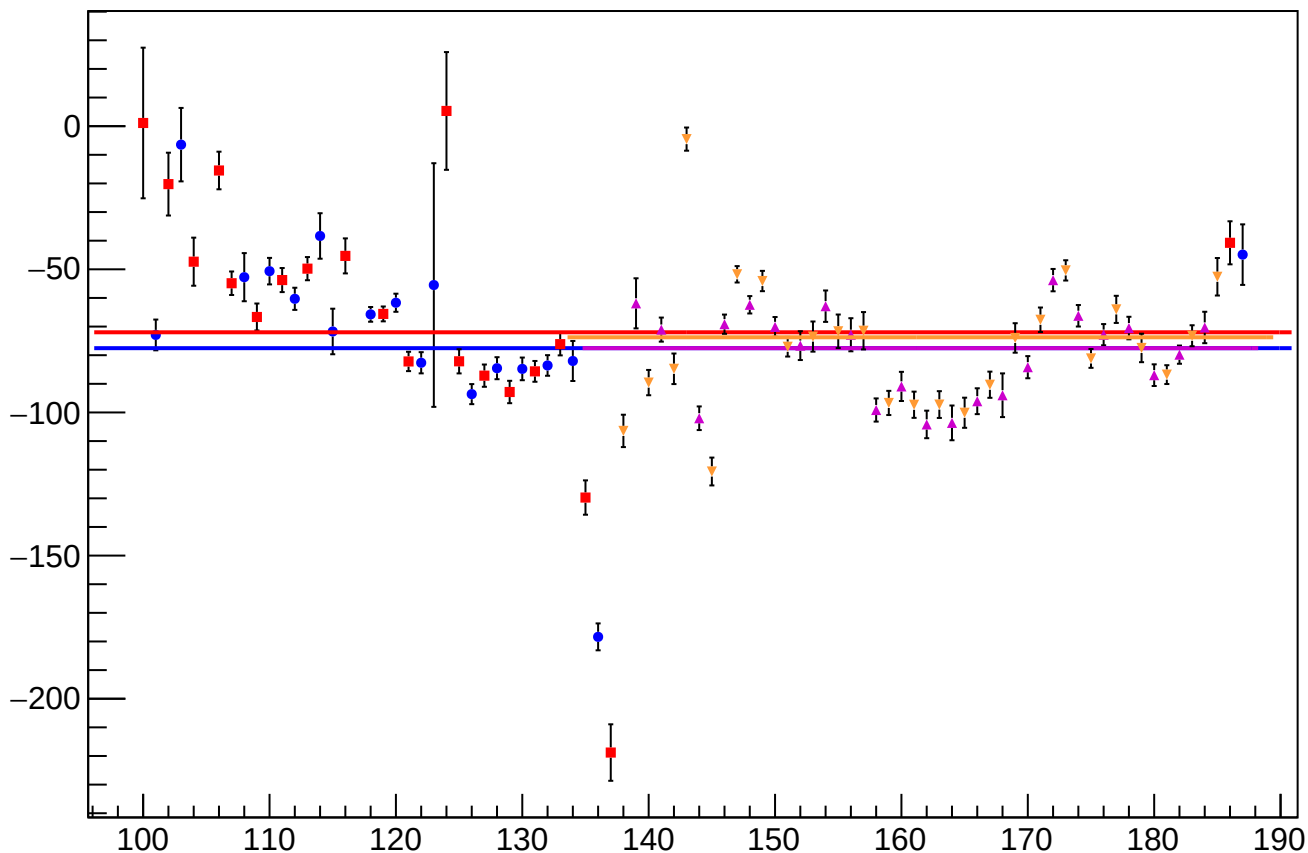
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ sign -167.523 ± 0.830 χ^2/NDF : 4345.9/42

All: -168.901 ± 0.585 χ^2/NDF : 8599.1/85

- sign -170.264 ± 0.825 χ^2/NDF : 4247.6/42

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.545 ± 1.060 χ^2/NDF : 667.8/17

Left Out: -73.741 ± 0.855 χ^2/NDF : 728.3/24

Right Out: -71.998 ± 1.044 χ^2/NDF : 624.5/19

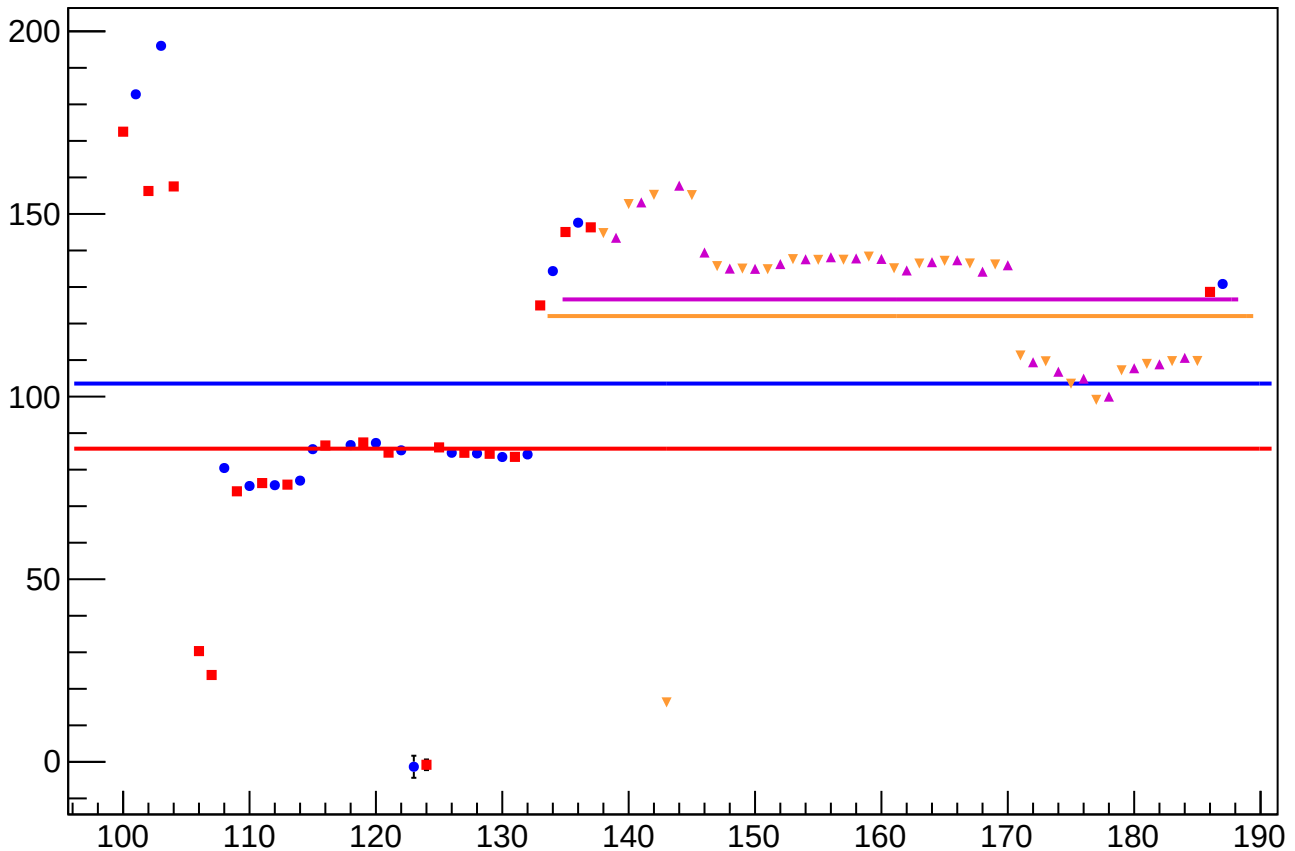
Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

+ sign -75.239 ± 0.665 χ^2/NDF : 1403.9/42

All: -75.240 ± 0.473 χ^2/NDF : 2297.6/85

- sign -75.240 ± 0.673 χ^2/NDF : 893.7/42

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.569 $\pm$ 0.070 χ^2 /NDF: 275715.4/17

Left Out: 122.046 $\pm$ 0.040 χ^2 /NDF: 437985.3/24

Right Out: 85.746 $\pm$ 0.063 χ^2 /NDF: 430223.4/19

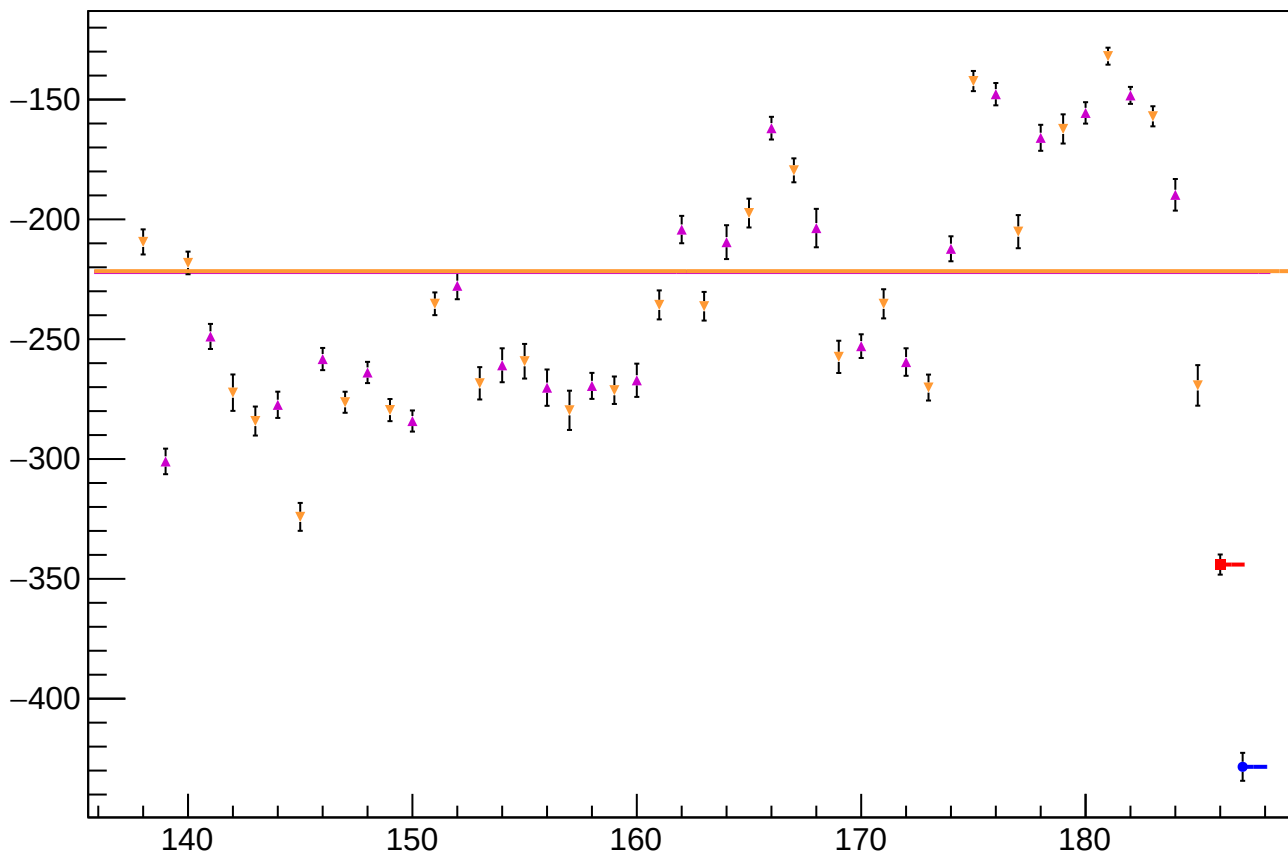
Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

+ sign 117.409 $\pm$ 0.035 χ^2 /NDF: 766117.2/42

All: 115.961 $\pm$ 0.025 χ^2 /NDF: 1658651.7/85

- sign 114.566 $\pm$ 0.034 χ^2 /NDF: 889172.8/42

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -428.433 ± 5.832 χ^2/NDF : 0.0/0

Left Out: -221.606 ± 1.087 χ^2/NDF : 2565.8/24

Right Out: -344.039 ± 4.204 χ^2/NDF : 0.0/0

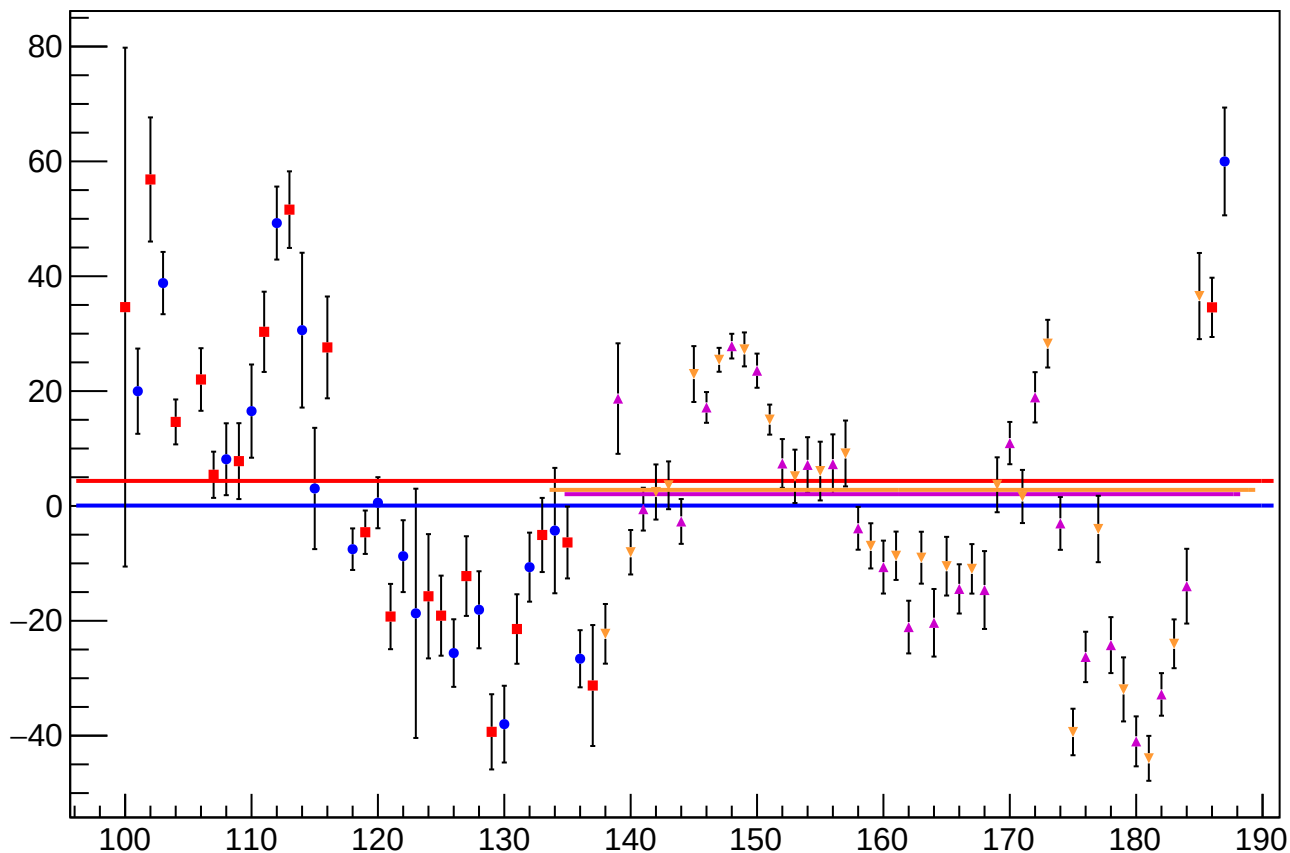
Left In: -221.980 ± 1.098 χ^2/NDF : 2190.6/22

+ sign -228.554 ± 1.069 χ^2/NDF : 3781.3/25

All: -229.169 ± 0.754 χ^2/NDF : 6761.8/49

- sign -229.777 ± 1.062 χ^2/NDF : 2979.8/23

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 0.067 ± 1.494 $\chi^2/\text{NDF}: 267.9/17$

Left Out: 2.800 ± 0.810 $\chi^2/\text{NDF}: 685.5/24$

Right Out: 4.359 ± 1.353 $\chi^2/\text{NDF}: 269.5/19$

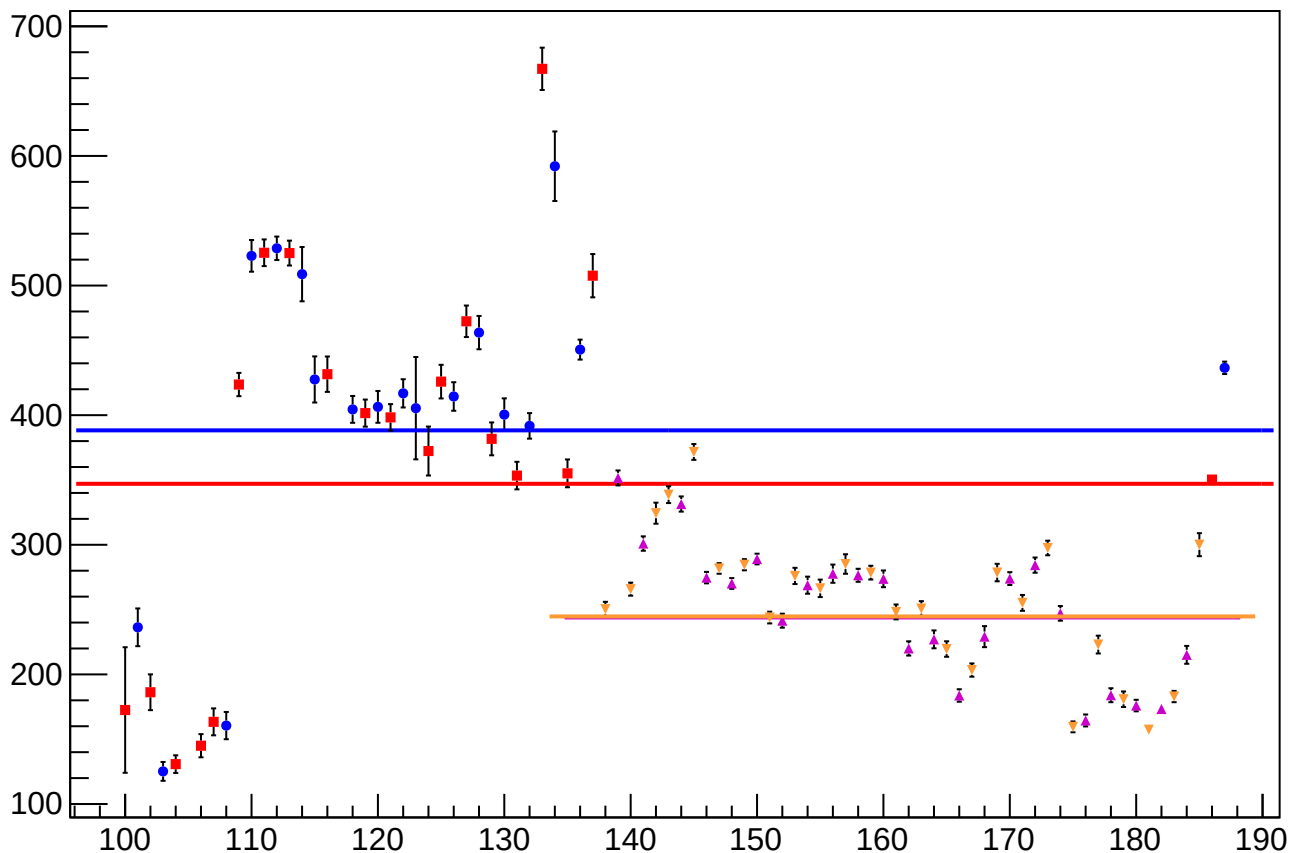
Left In: 2.050 ± 0.833 $\chi^2/\text{NDF}: 592.6/22$

+ sign 2.179 ± 0.712 $\chi^2/\text{NDF}: 956.1/42$

All: 2.433 ± 0.502 $\chi^2/\text{NDF}: 1820.5/85$

- sign 2.684 ± 0.709 $\chi^2/\text{NDF}: 864.2/42$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 388.273 $\pm$ 2.391 χ^2 /NDF: 2568.2/17

Left Out: 244.716 $\pm$ 1.085 χ^2 /NDF: 2565.7/24

Right Out: 347.046 $\pm$ 2.036 χ^2 /NDF: 3418.0/19

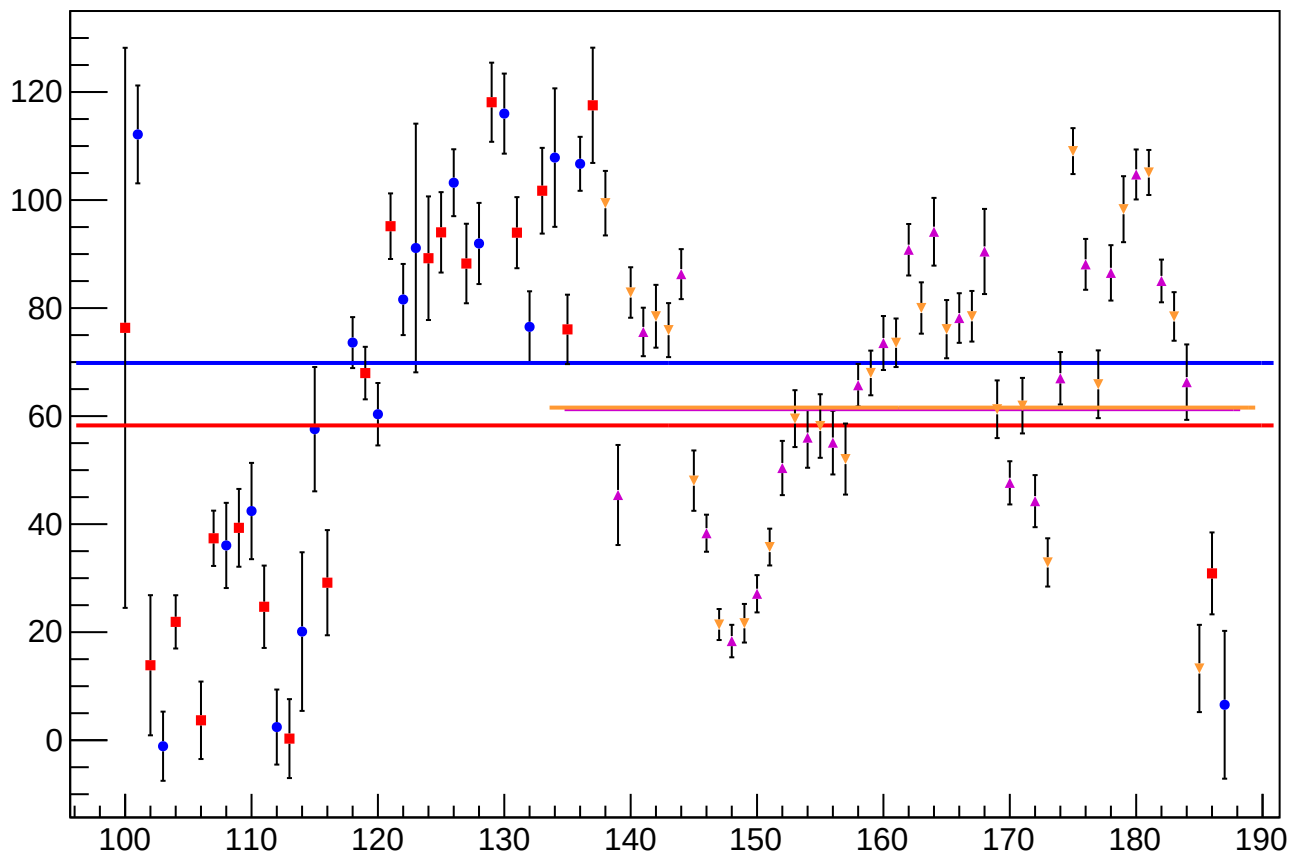
Left In: 243.933 $\pm$ 1.090 χ^2 /NDF: 2294.8/22

+ sign 269.210 $\pm$ 0.988 χ^2 /NDF: 8123.4/42

All: 268.027 $\pm$ 0.689 χ^2 /NDF: 15832.7/85

- sign 266.908 $\pm$ 0.961 χ^2 /NDF: 7706.5/42

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 69.840 $\pm$ 1.729 χ^2 /NDF: 448.7/17

Left Out: 61.575 $\pm$ 0.939 χ^2 /NDF: 870.3/24

Right Out: 58.276 $\pm$ 1.596 χ^2 /NDF: 504.5/19

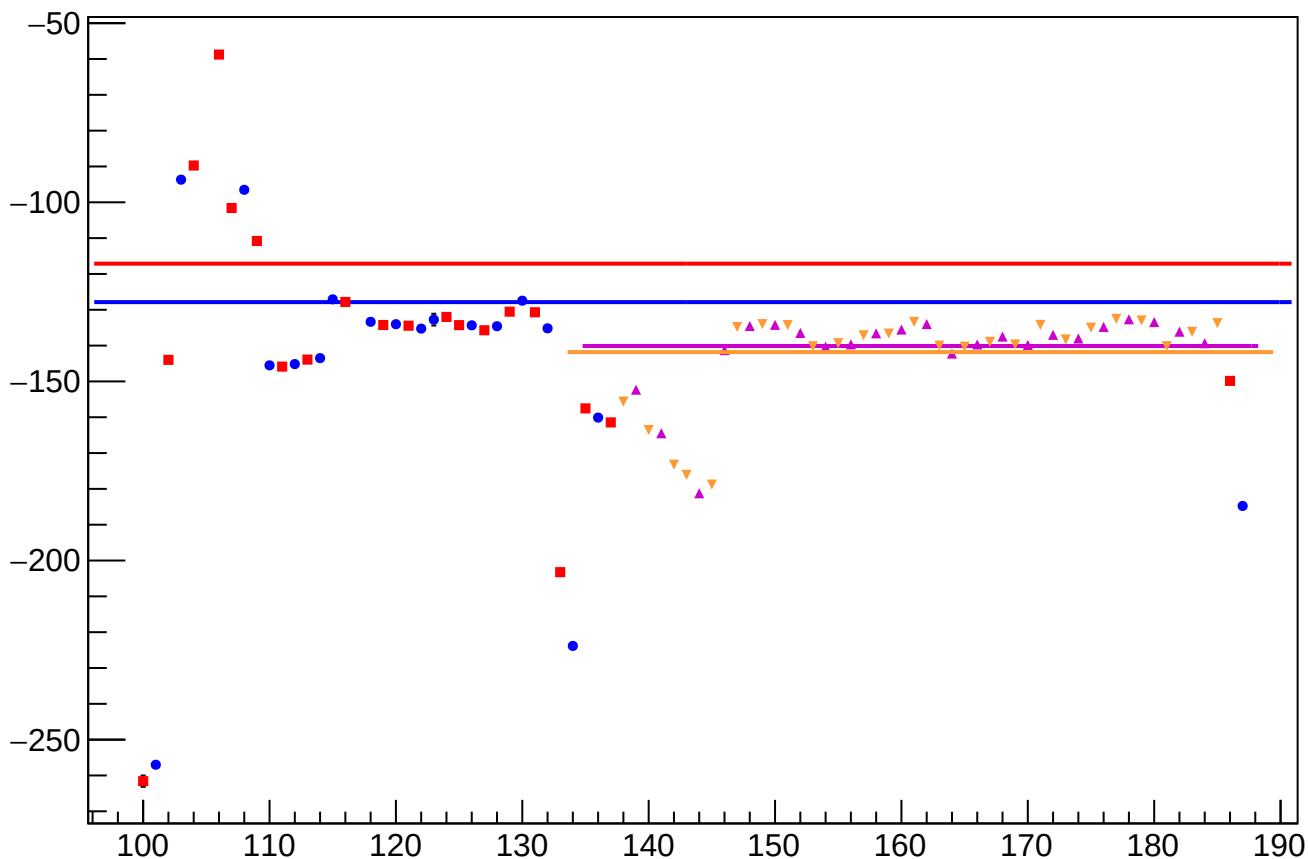
Left In: 61.286 $\pm$ 0.959 χ^2 /NDF: 702.8/22

+ sign 63.457 $\pm$ 0.825 χ^2 /NDF: 1336.6/42

All: 61.967 $\pm$ 0.582 χ^2 /NDF: 2553.1/85

- sign 60.488 $\pm$ 0.822 χ^2 /NDF: 1209.9/42

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.863 ± 0.089 $\chi^2/\text{NDF}: 172531.2/17$

Left Out: -141.811 ± 0.045 $\chi^2/\text{NDF}: 77727.6/24$

Right Out: -117.127 ± 0.082 $\chi^2/\text{NDF}: 171286.3/19$

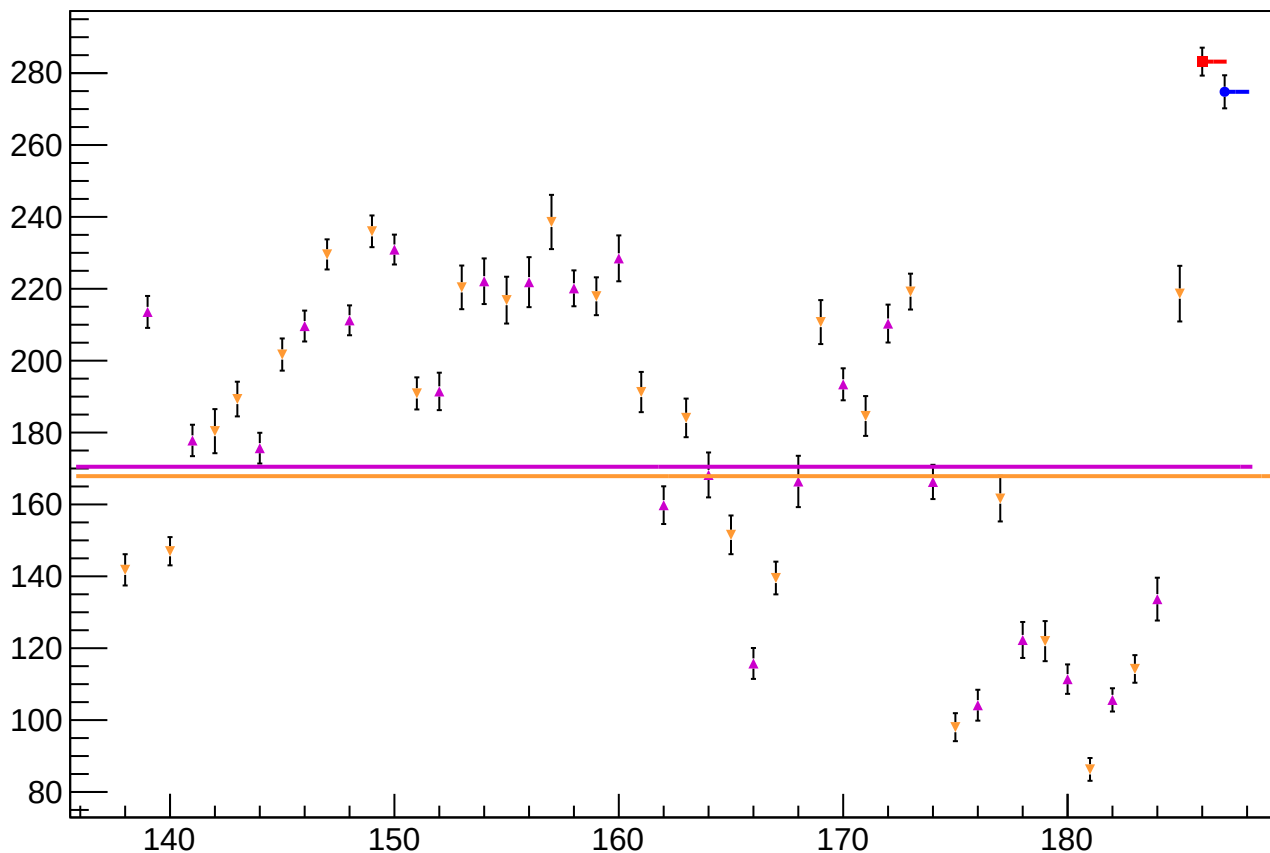
Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

+ sign -138.982 ± 0.040 $\chi^2/\text{NDF}: 269908.1/42$

All: -136.866 ± 0.028 $\chi^2/\text{NDF}: 555611.7/85$

- sign -134.821 ± 0.039 $\chi^2/\text{NDF}: 280201.0/42$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 274.804 $\pm$ 4.602 χ^2 /NDF: 0.0/0

Left Out: 167.868 $\pm$ 0.973 χ^2 /NDF:2465.4/24

Right Out: 283.198 $\pm$ 3.886 χ^2 /NDF: 0.0/0

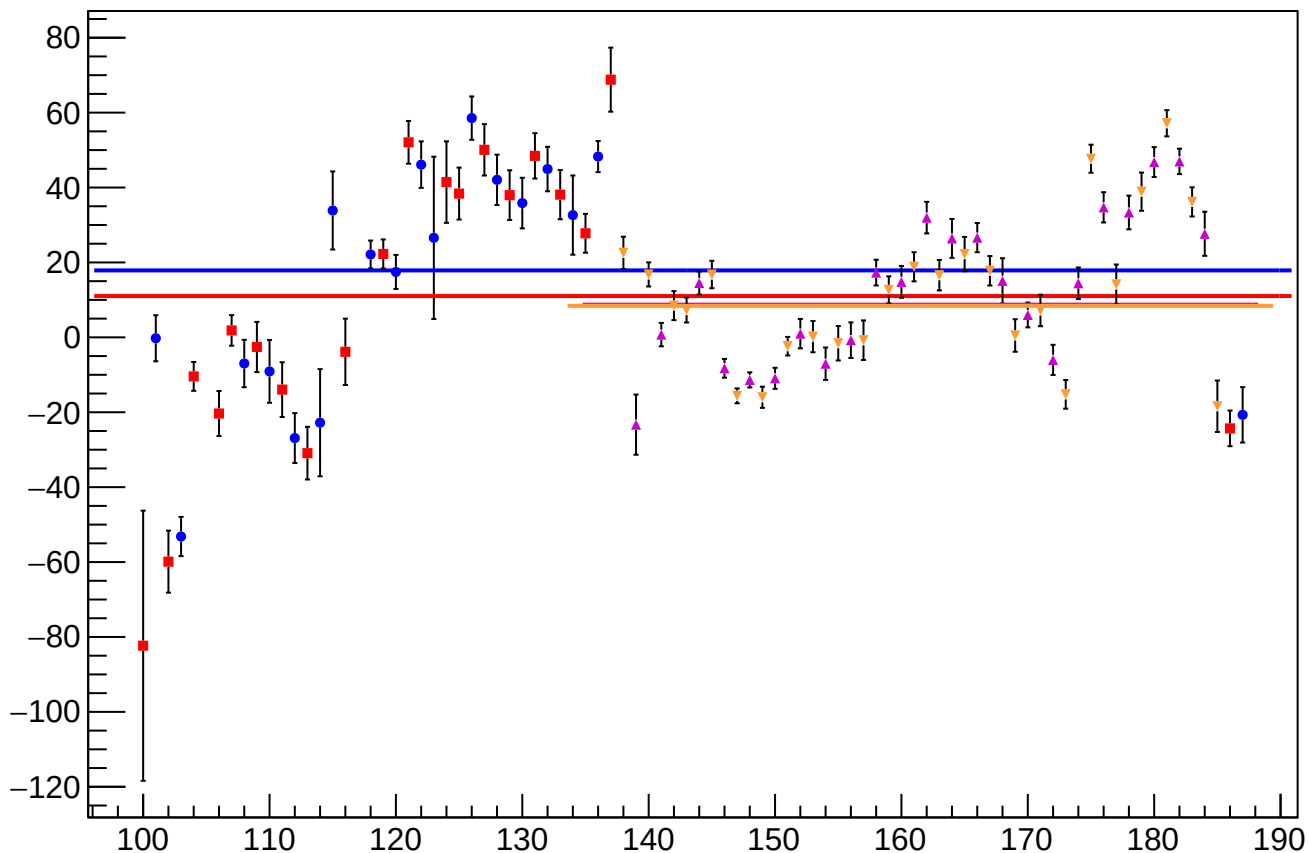
Left In: 170.487 $\pm$ 0.991 χ^2 /NDF:2036.5/22

+ sign 172.448 $\pm$ 0.952 χ^2 /NDF: 2982.3/25

All: 174.889 $\pm$ 0.676 χ^2 /NDF: 5821.9/49

- sign 177.372 $\pm$ 0.960 χ^2 /NDF: 2826.3/23

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 17.874 $\pm$ 1.451 χ^2 /NDF: 469.3/17

Left Out: 8.415 $\pm$ 0.731 χ^2 /NDF: 750.6/24

Right Out: 11.025 $\pm$ 1.336 χ^2 /NDF: 496.5/19

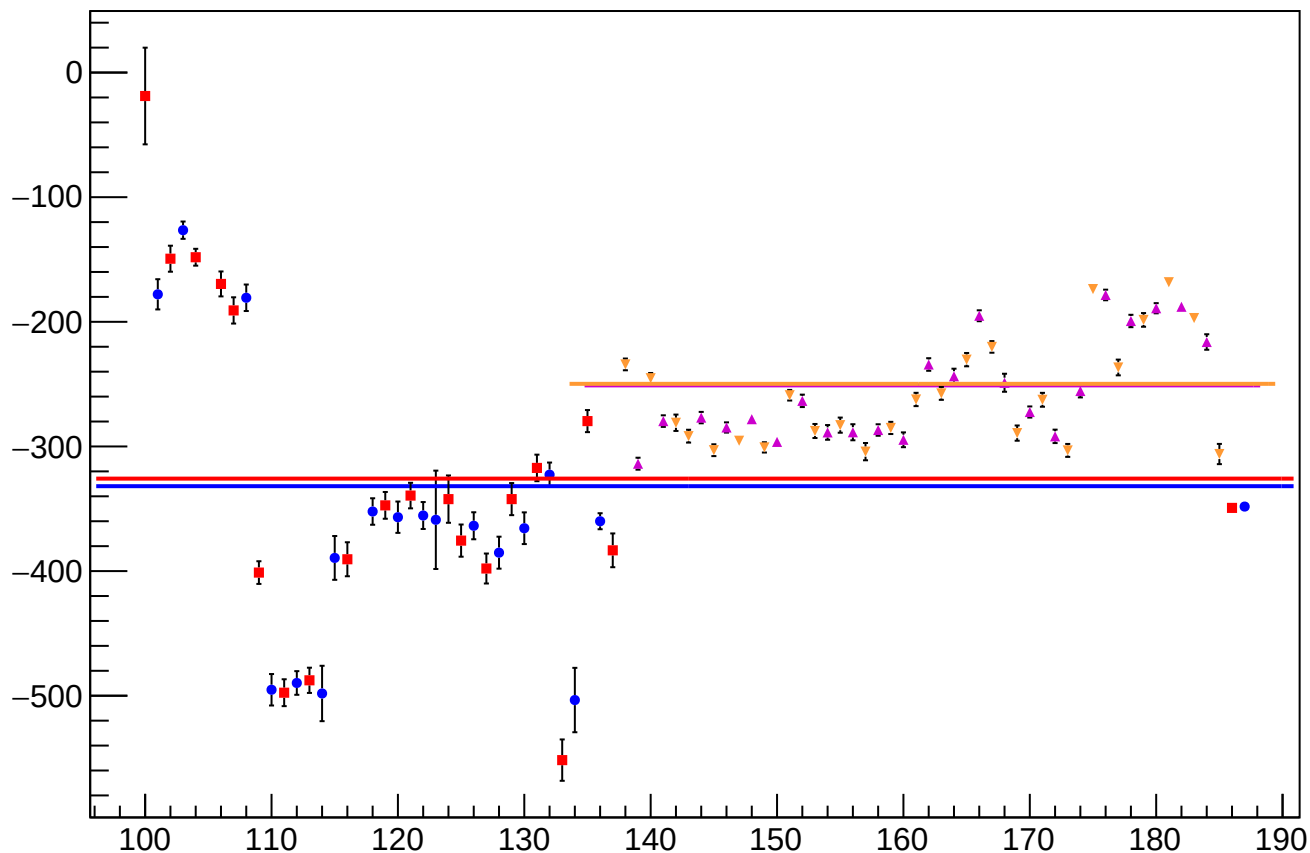
Left In: 8.730 $\pm$ 0.757 χ^2 /NDF: 630.1/22

+ sign 10.330 $\pm$ 0.653 χ^2 /NDF: 1253.8/42

All: 9.813 $\pm$ 0.464 χ^2 /NDF: 2383.9/85

- sign 9.287 $\pm$ 0.658 χ^2 /NDF: 1128.9/42

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -331.876 ± 2.180 $\chi^2/\text{NDF}: 1878.8/17$

Left Out: -249.759 ± 0.975 $\chi^2/\text{NDF}: 2232.5/24$

Right Out: -325.803 ± 1.956 $\chi^2/\text{NDF}: 2395.6/19$

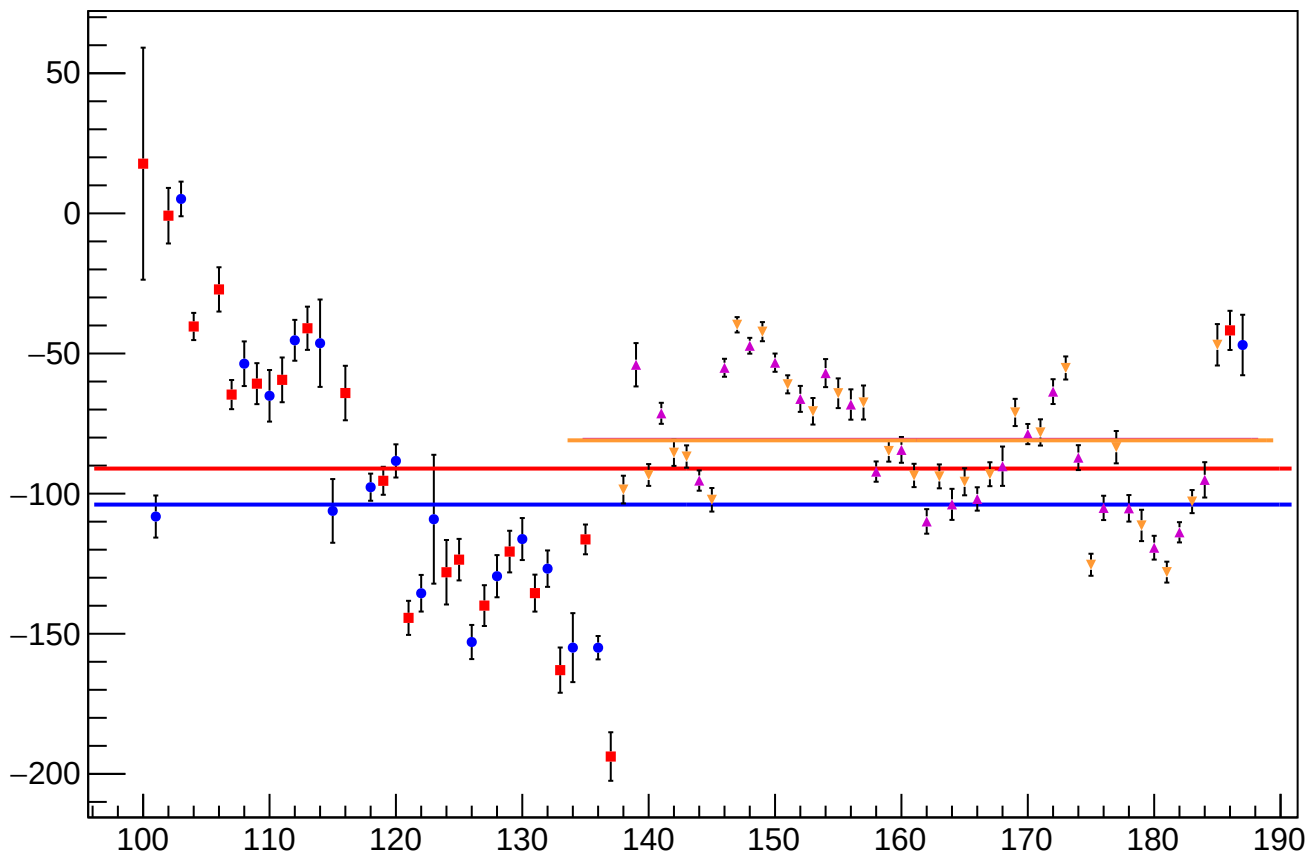
Left In: -251.002 ± 0.987 $\chi^2/\text{NDF}: 1958.3/22$

+ sign -263.454 ± 0.890 $\chi^2/\text{NDF}: 5294.0/42$

All: -264.828 ± 0.626 $\chi^2/\text{NDF}: 10818.2/85$

- sign -266.173 ± 0.881 $\chi^2/\text{NDF}: 5519.5/42$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -103.906 ± 1.673 χ^2/NDF : 766.0/17

Left Out: -80.981 ± 0.846 χ^2/NDF : 911.2/24

Right Out: -91.056 ± 1.570 χ^2/NDF : 879.0/19

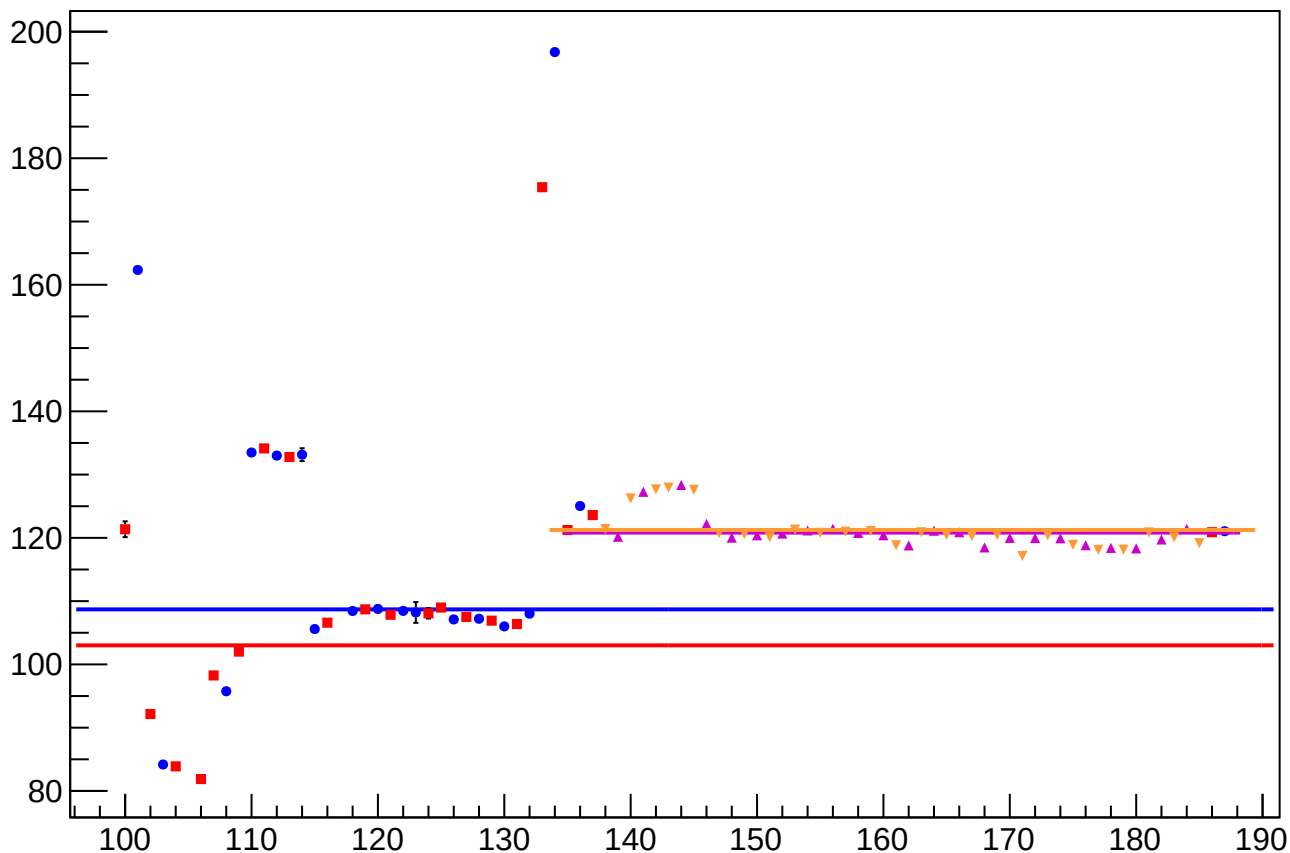
Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

+ sign -85.651 ± 0.755 χ^2/NDF : 1826.8/42

All: -84.440 ± 0.536 χ^2/NDF : 3439.0/85

- sign -83.210 ± 0.761 χ^2/NDF : 1607.0/42

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.697 $\pm$ 0.084 χ^2 /NDF: 73717.0/17

Left Out: 121.248 $\pm$ 0.040 χ^2 /NDF: 4820.1/24

Right Out: 103.013 $\pm$ 0.078 χ^2 /NDF: 54429.1/19

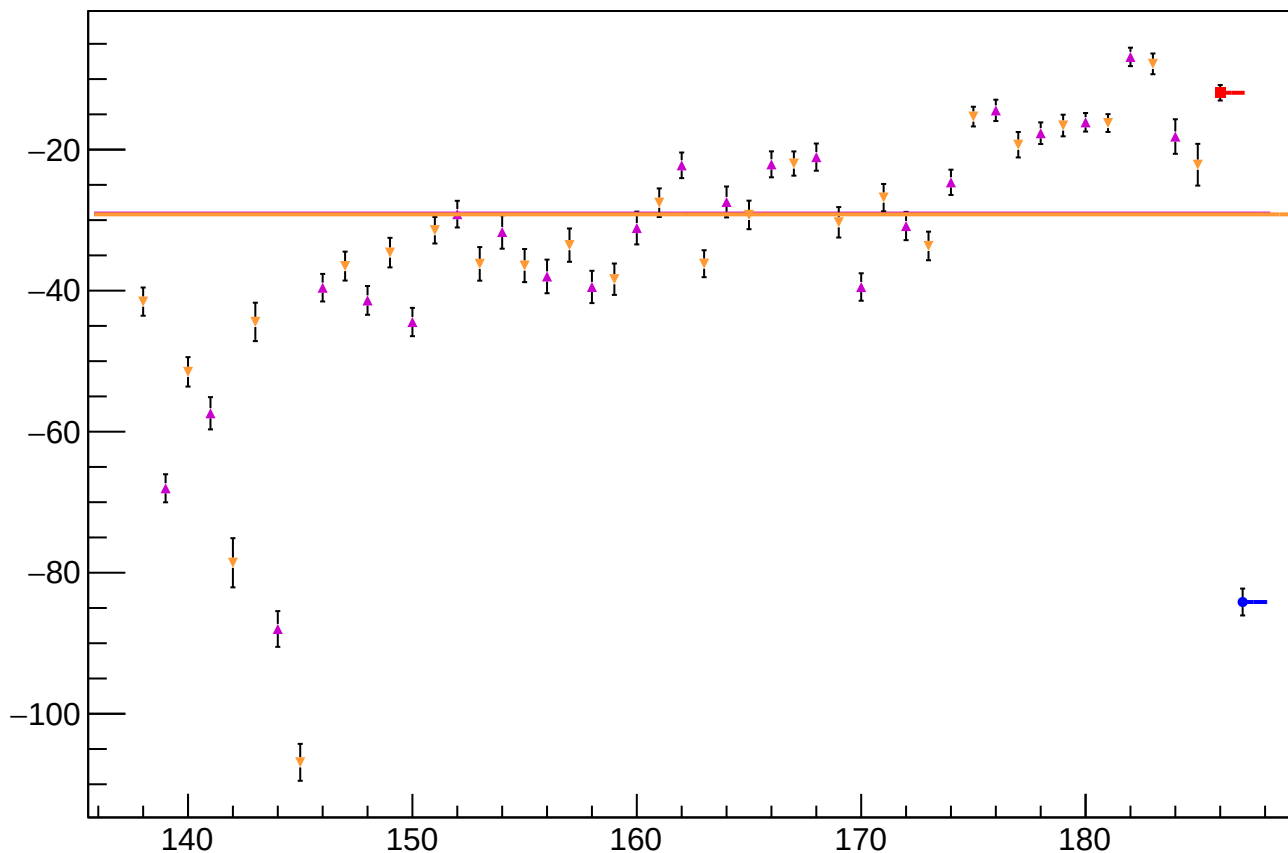
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.904 $\pm$ 0.036 χ^2 /NDF: 96727.4/42

All: 117.988 $\pm$ 0.026 χ^2 /NDF: 196499.5/85

- sign 117.085 $\pm$ 0.036 χ^2 /NDF: 98505.7/42

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -84.155 ± 1.906 χ^2/NDF : 0.0/0

Left Out: -29.182 ± 0.389 χ^2/NDF : 1880.4/24

Right Out: -11.940 ± 1.098 χ^2/NDF : 0.0/0

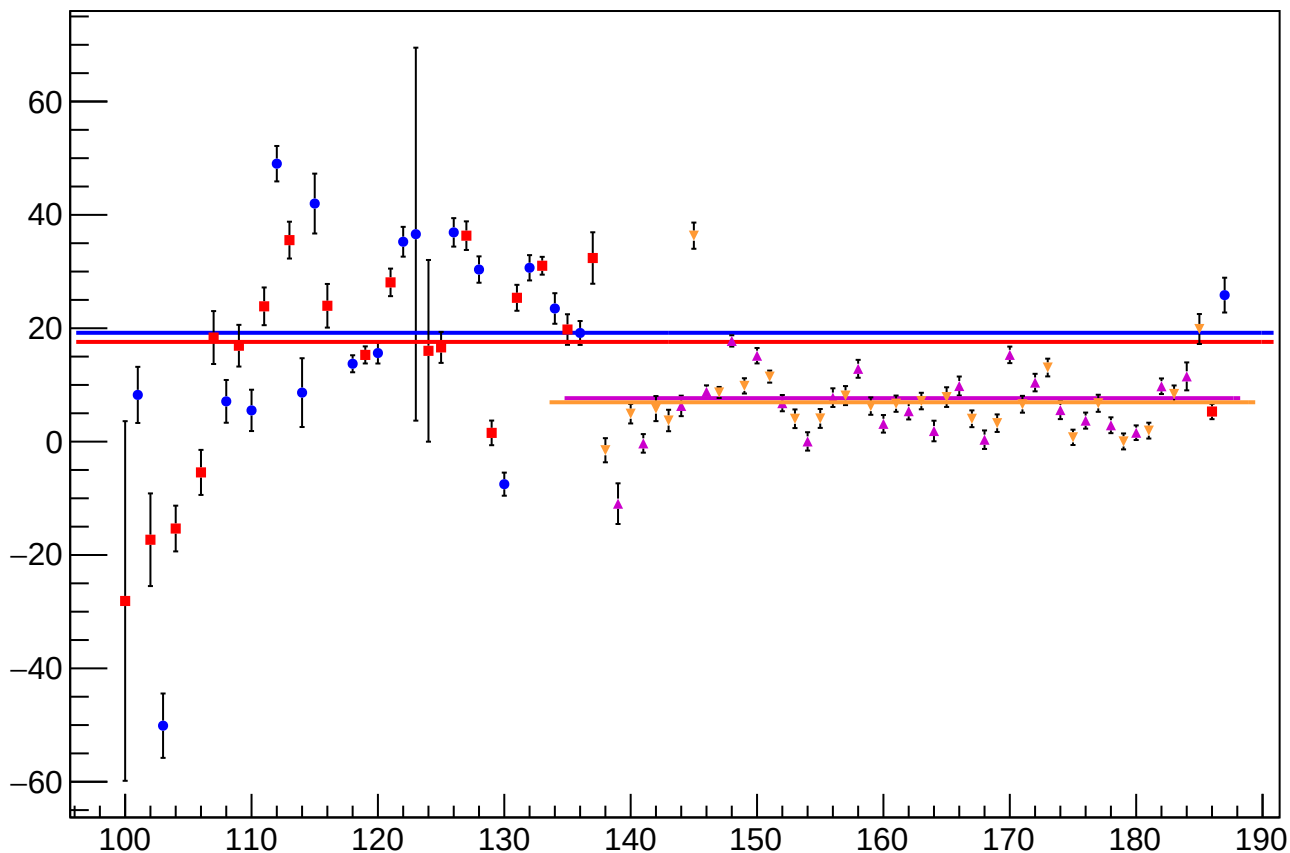
Left In: -29.073 ± 0.394 χ^2/NDF : 1872.4/22

+ sign -31.383 ± 0.381 χ^2/NDF : 2679.1/25

All: -29.191 ± 0.266 χ^2/NDF : 4831.5/49

- sign -27.120 ± 0.371 χ^2/NDF : 2088.2/23

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 19.198 ± 0.630 χ^2/NDF : 623.8/17

Left Out: 6.943 ± 0.304 χ^2/NDF : 322.6/24

Right Out: 17.590 ± 0.581 χ^2/NDF : 467.1/19

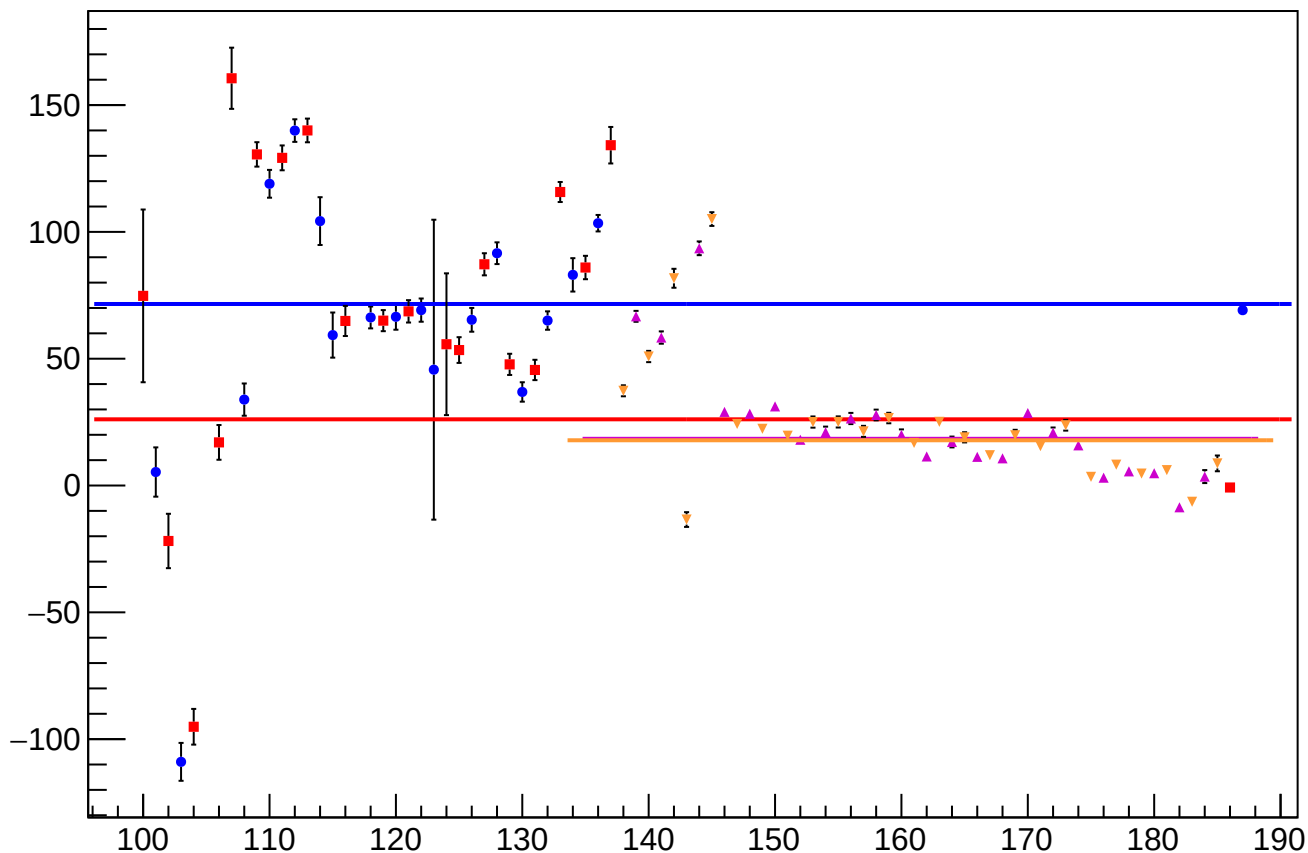
Left In: 7.666 ± 0.313 χ^2/NDF : 341.1/22

+ sign 9.254 ± 0.274 χ^2/NDF : 1253.7/42

All: 9.573 ± 0.194 χ^2/NDF : 2290.9/85

- sign 9.896 ± 0.275 χ^2/NDF : 1034.5/42

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 71.571 ± 0.966 χ^2/NDF : 1203.9/17

Left Out: 17.841 ± 0.388 χ^2/NDF : 2399.7/24

Right Out: 26.102 ± 0.713 χ^2/NDF : 4299.2/19

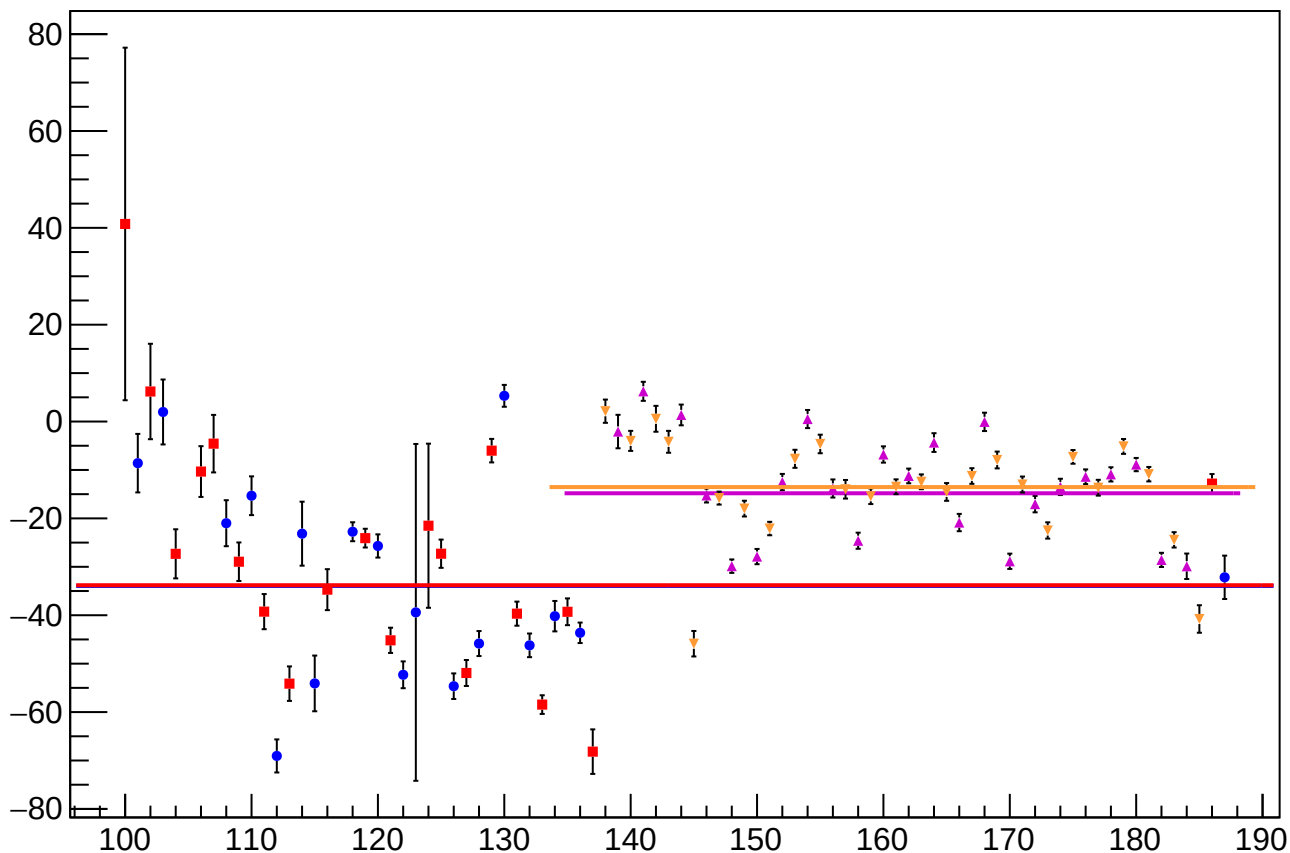
Left In: 18.416 ± 0.391 χ^2/NDF : 2468.4/22

+ sign 25.297 ± 0.360 χ^2/NDF : 6267.0/42

All: 22.623 ± 0.248 χ^2/NDF : 13229.2/85

- sign 20.194 ± 0.343 χ^2/NDF : 6856.9/42

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.943 ± 0.727 χ^2/NDF : 720.0/17

Left Out: -13.535 ± 0.345 χ^2/NDF : 574.6/24

Right Out: -33.808 ± 0.690 χ^2/NDF : 671.1/19

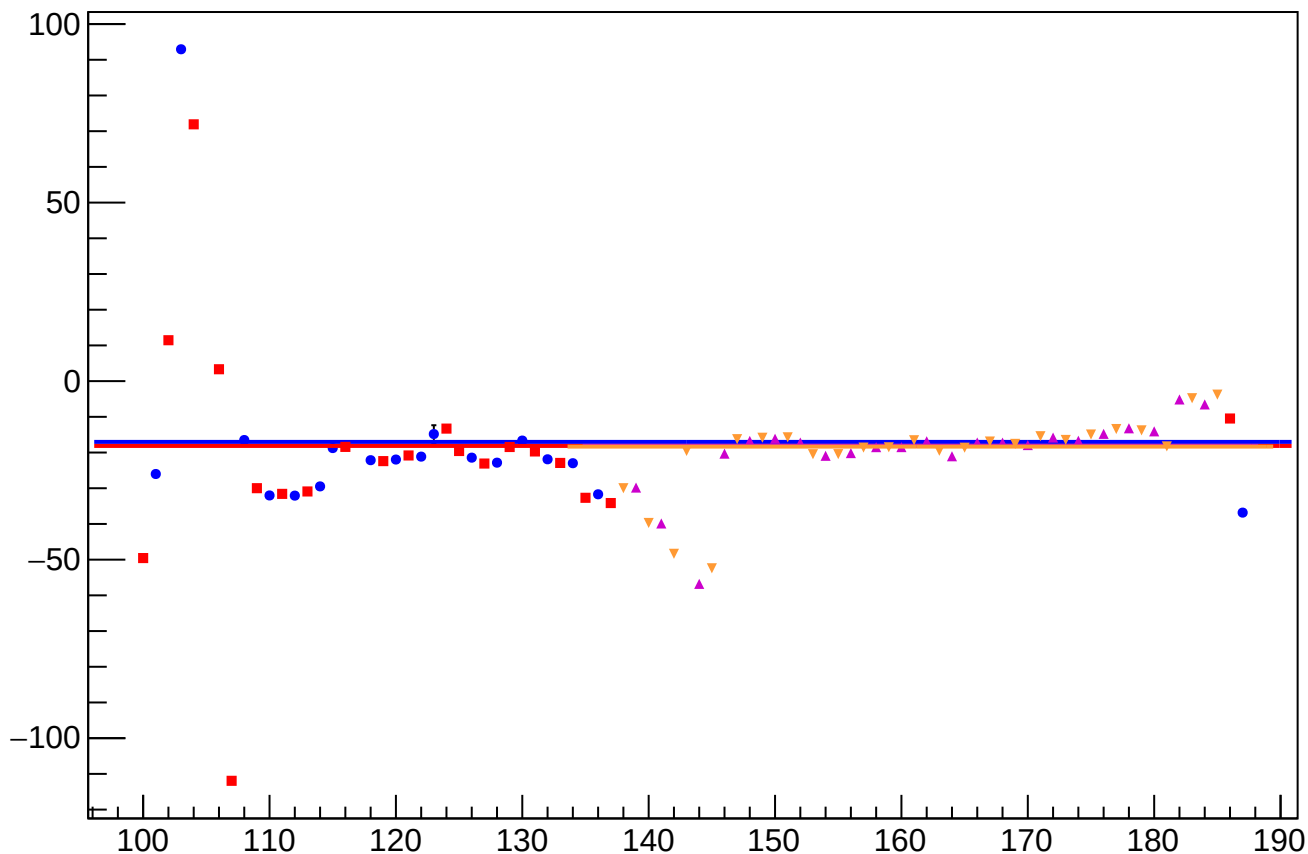
Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

+ sign -17.285 ± 0.311 χ^2/NDF : 1938.6/42

All: -18.012 ± 0.221 χ^2/NDF : 4058.8/85

- sign -18.753 ± 0.314 χ^2/NDF : 2109.1/42

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -17.021 ± 0.044 $\chi^2/\text{NDF}: 480706.9/17$

Left Out: -18.337 ± 0.016 $\chi^2/\text{NDF}: 283793.3/24$

Right Out: -18.152 ± 0.043 $\chi^2/\text{NDF}: 437389.5/19$

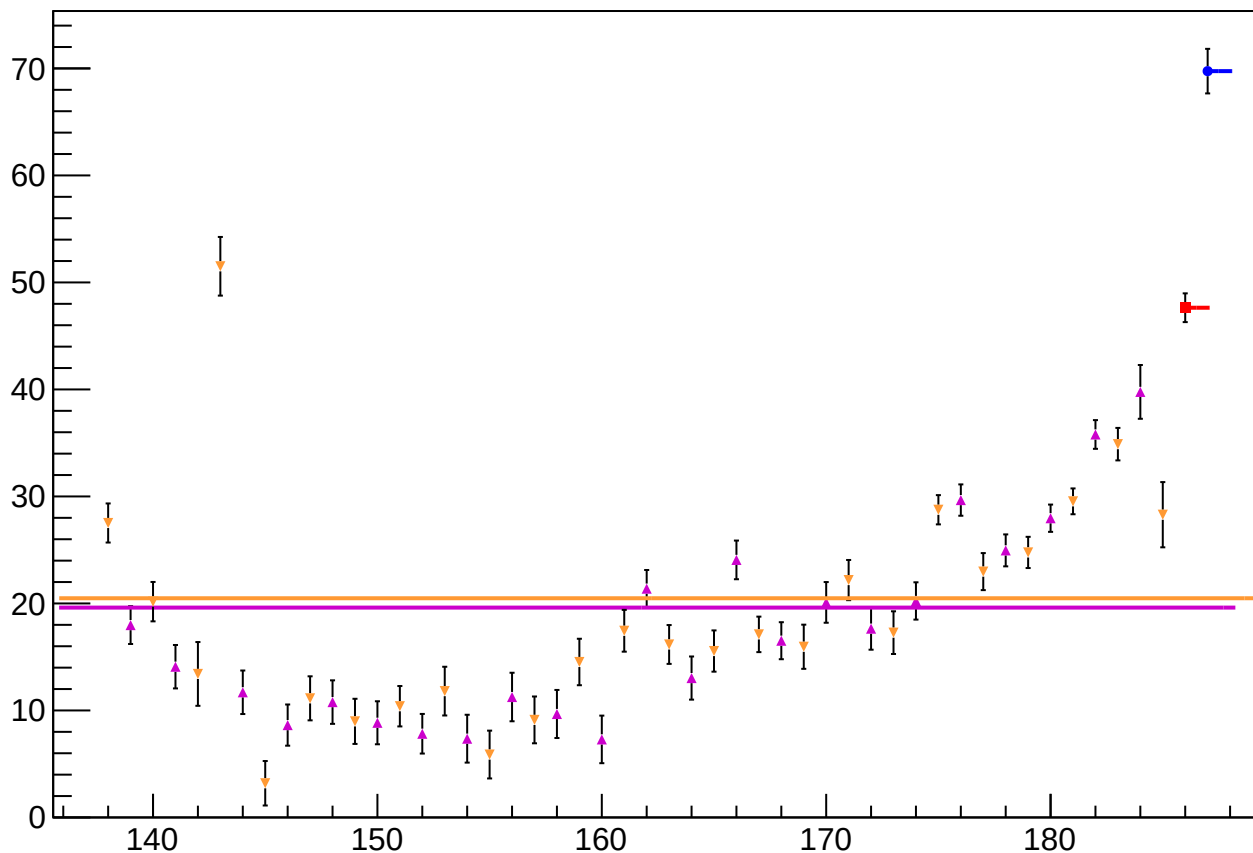
Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

+ sign -18.184 ± 0.015 $\chi^2/\text{NDF}: 765300.7/42$

All: -18.161 ± 0.011 $\chi^2/\text{NDF}: 1448345.8/85$

- sign -18.137 ± 0.015 $\chi^2/\text{NDF}: 683039.9/42$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 69.747 $\pm$ 2.082 χ^2 /NDF: 0.0/0

Left Out: 20.485 $\pm$ 0.374 χ^2 /NDF: 615.7/24

Right Out: 47.635 $\pm$ 1.343 χ^2 /NDF: 0.0/0

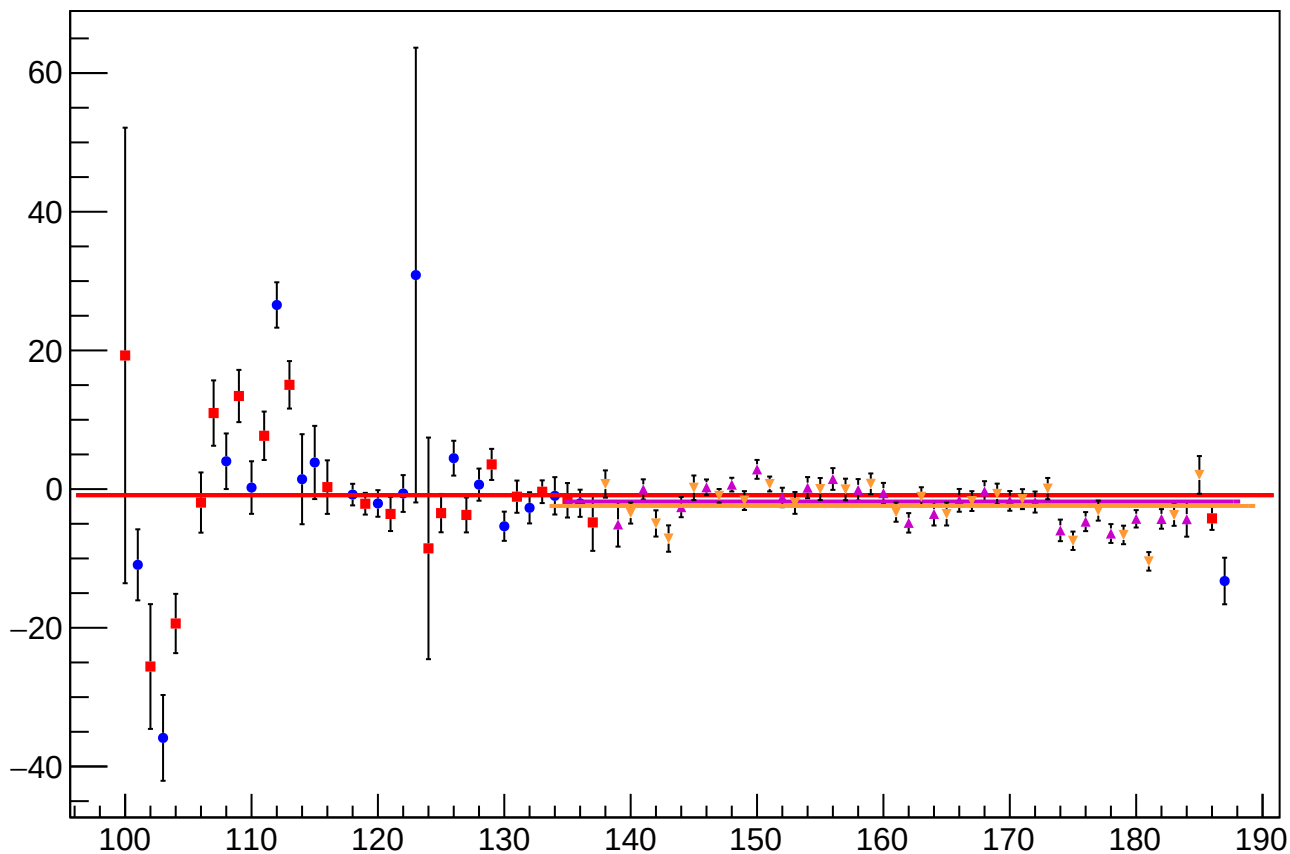
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF: 572.7/22

+ sign 22.022 $\pm$ 0.368 χ^2 /NDF: 1157.9/25

All: 21.846 $\pm$ 0.259 χ^2 /NDF: 2134.1/49

- sign 21.674 $\pm$ 0.364 χ^2 /NDF: 975.8/23

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.882 ± 0.641 χ^2/NDF : 134.0/17

Left Out: -2.429 ± 0.293 χ^2/NDF : 103.7/24

Right Out: -0.867 ± 0.611 χ^2/NDF : 88.4/19

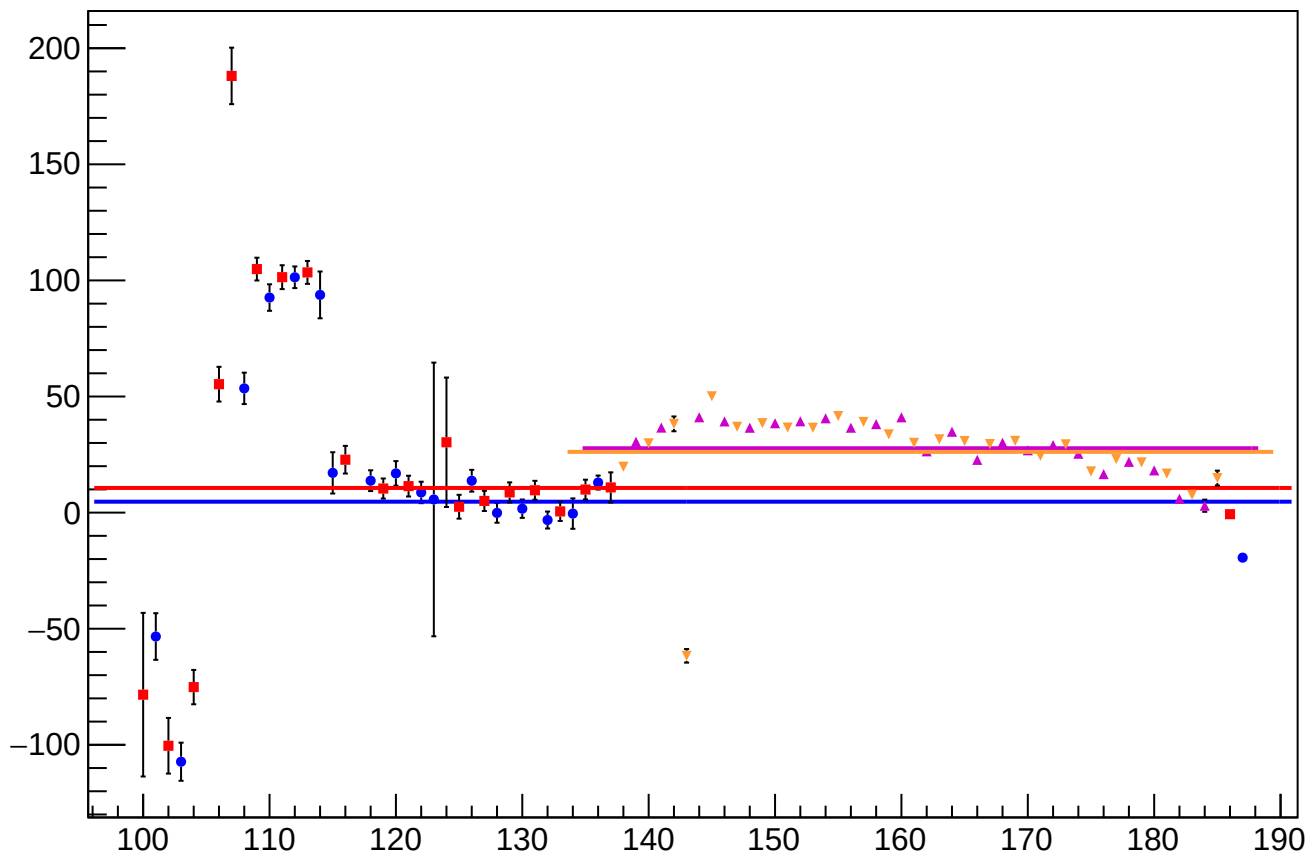
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.162 ± 0.266 χ^2/NDF : 242.6/42

All: -1.890 ± 0.190 χ^2/NDF : 405.0/85

- sign -1.611 ± 0.270 χ^2/NDF : 160.3/42

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 4.703 ± 1.003 χ^2/NDF : 1245.3/17

Left Out: 26.164 ± 0.373 χ^2/NDF : 1577.6/24

Right Out: 10.621 ± 0.813 χ^2/NDF : 1636.7/19

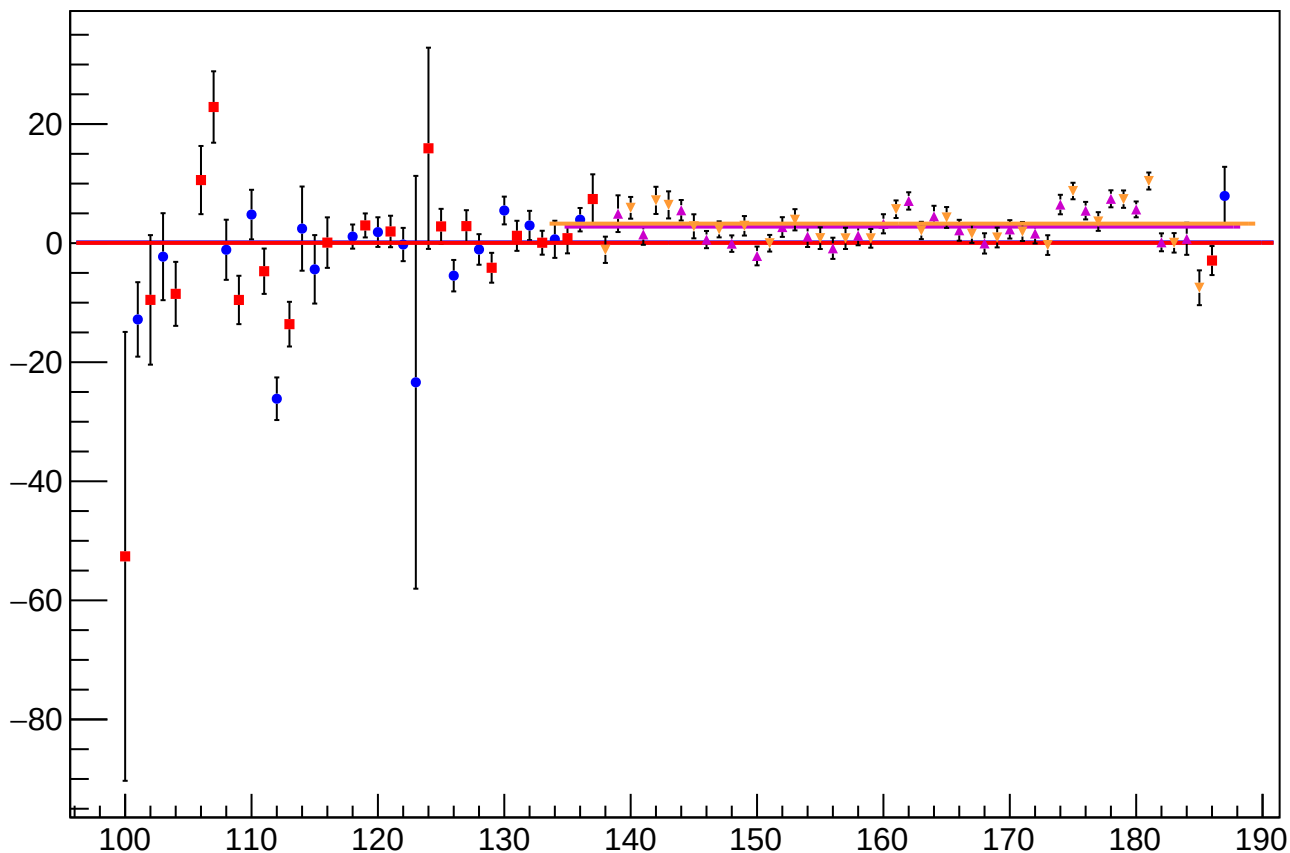
Left In: 27.725 ± 0.377 χ^2/NDF : 805.1/22

+ sign 23.560 ± 0.349 χ^2/NDF : 3224.8/42

All: 24.145 ± 0.244 χ^2/NDF : 6036.1/85

- sign 24.705 ± 0.342 χ^2/NDF : 2805.8/42

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: 0.121 ± 0.735 χ^2/NDF : 79.1/17

Left Out: 3.275 ± 0.332 χ^2/NDF : 101.8/24

Right Out: 0.045 ± 0.716 χ^2/NDF : 56.7/19

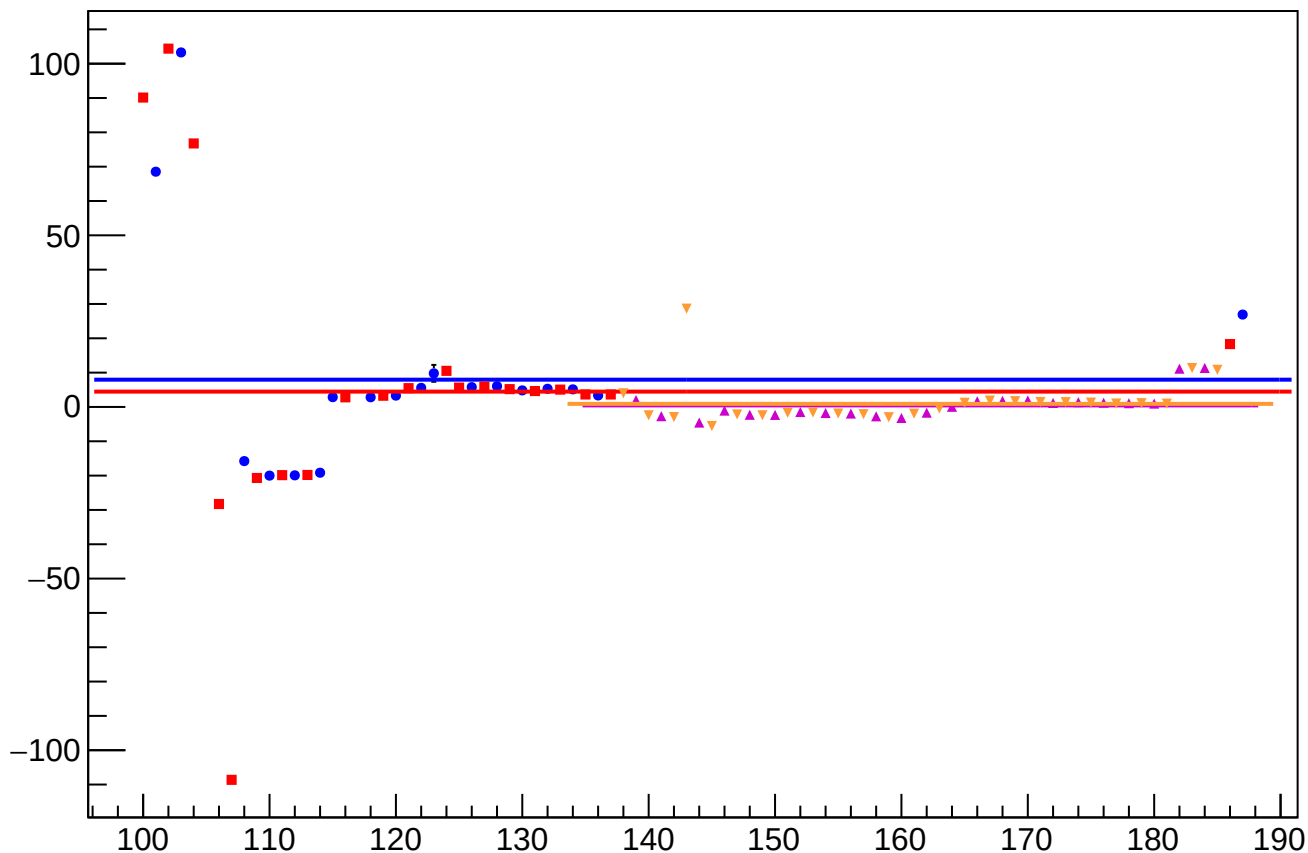
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.741 ± 0.303 χ^2/NDF : 196.2/42

All: 2.511 ± 0.216 χ^2/NDF : 332.5/85

- sign 2.274 ± 0.307 χ^2/NDF : 135.1/42

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.948 ± 0.044 $\chi^2/\text{NDF}: 360917.9/17$

Left Out: 0.898 ± 0.015 $\chi^2/\text{NDF}: 108195.0/24$

Right Out: 4.469 ± 0.044 $\chi^2/\text{NDF}: 517481.8/19$

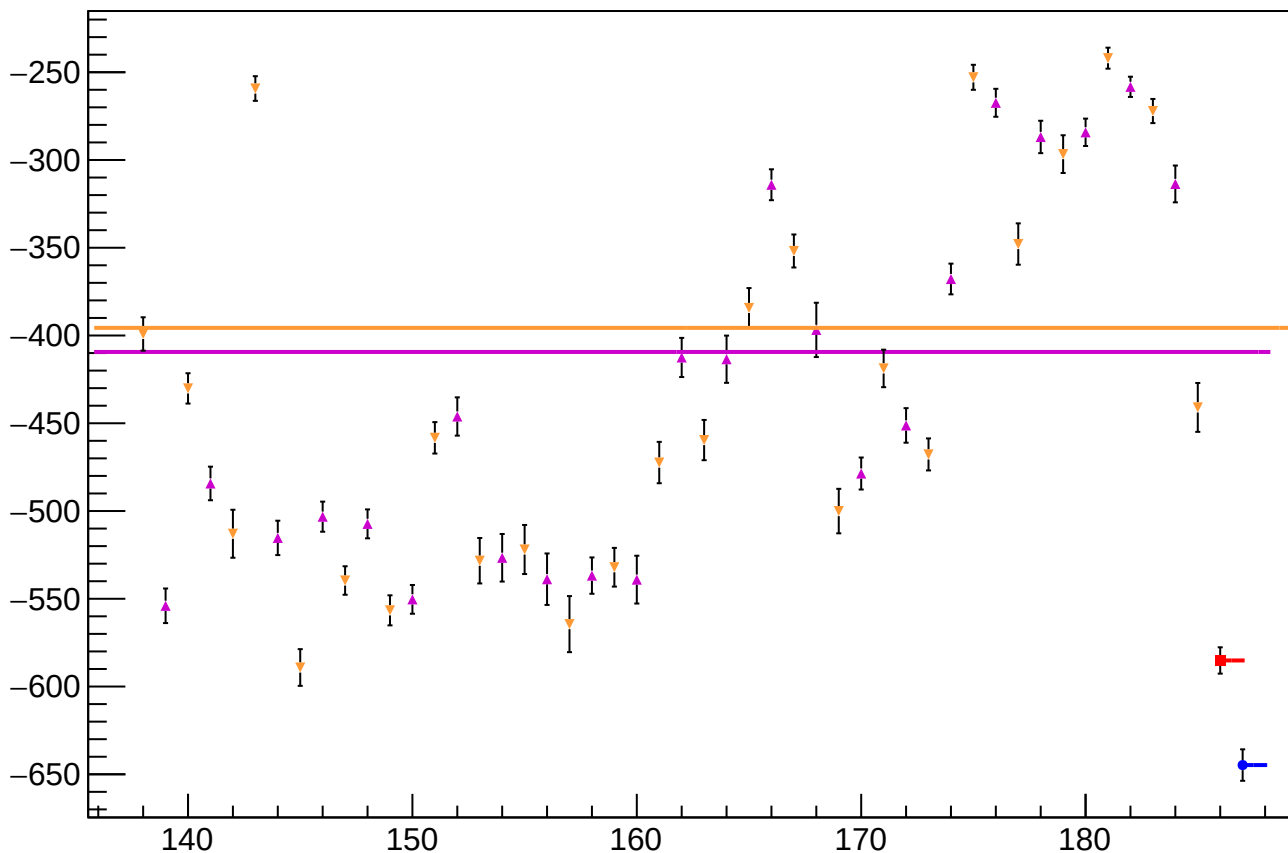
Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

+ sign 1.655 ± 0.014 $\chi^2/\text{NDF}: 492176.7/42$

All: 1.273 ± 0.010 $\chi^2/\text{NDF}: 1069050.7/85$

- sign 0.884 ± 0.015 $\chi^2/\text{NDF}: 575447.6/42$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -644.742 ± 8.964 χ^2/NDF : 0.0/0

Left Out: -395.638 ± 1.909 χ^2/NDF : 3704.0/24

Right Out: -585.144 ± 7.497 χ^2/NDF : 0.0/0

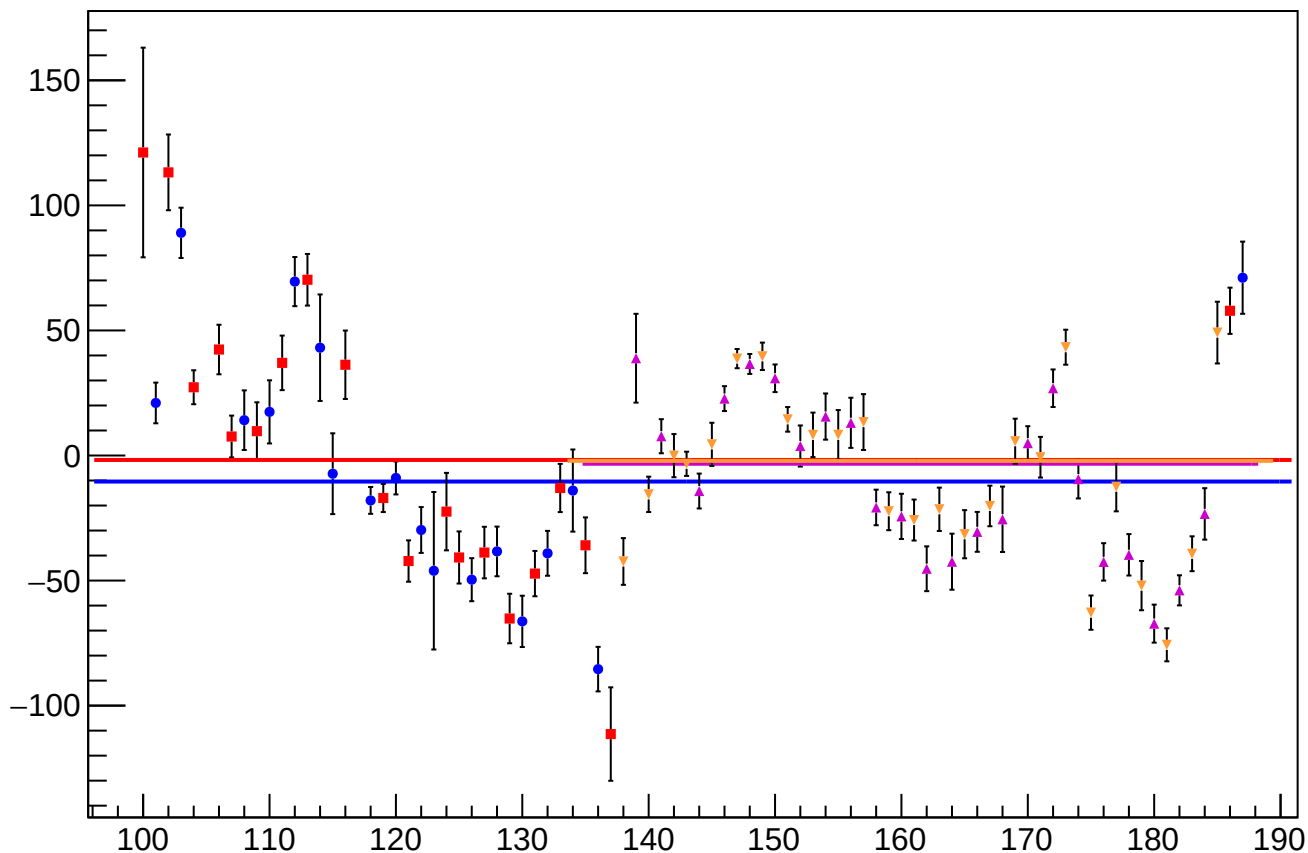
Left In: -409.377 ± 1.971 χ^2/NDF : 3096.1/22

+ sign -406.445 ± 1.867 χ^2/NDF : 4442.7/25

All: -413.446 ± 1.334 χ^2/NDF : 8081.7/49

- sign -420.745 ± 1.907 χ^2/NDF : 3610.3/23

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -10.410 ± 2.282 χ^2/NDF : 373.8/17

Left Out: -2.133 ± 1.435 χ^2/NDF : 562.8/24

Right Out: -1.779 ± 2.199 χ^2/NDF : 388.8/19

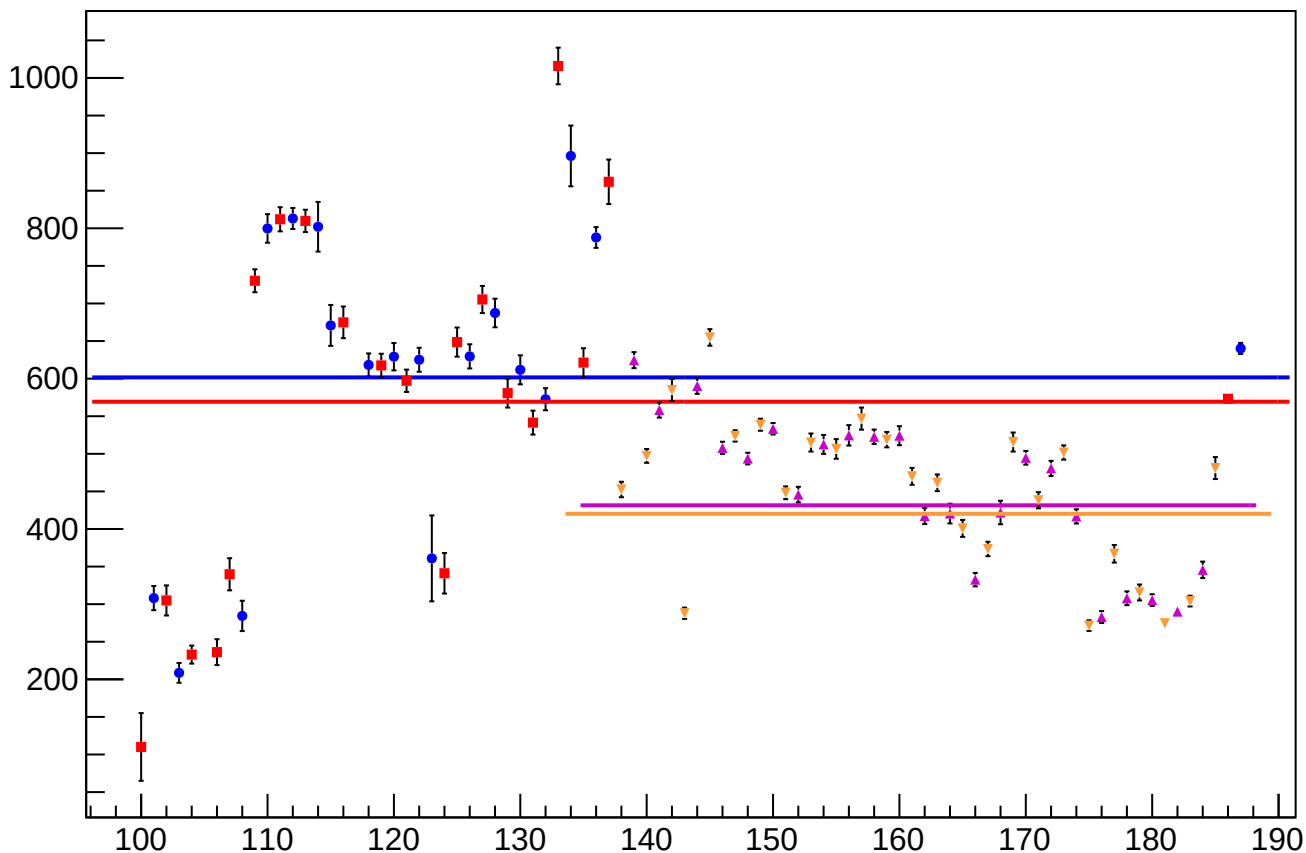
Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

+ sign -4.479 ± 1.215 χ^2/NDF : 946.0/42

All: -3.664 ± 0.871 χ^2/NDF : 1790.5/85

- sign -2.803 ± 1.248 χ^2/NDF : 843.6/42

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 601.670 $\pm$ 3.726 χ^2 /NDF: 2166.9/17

Left Out: 420.181 $\pm$ 1.916 χ^2 /NDF:3241.0/24

Right Out: 569.326 $\pm$ 3.402 χ^2 /NDF: 2785.5/19

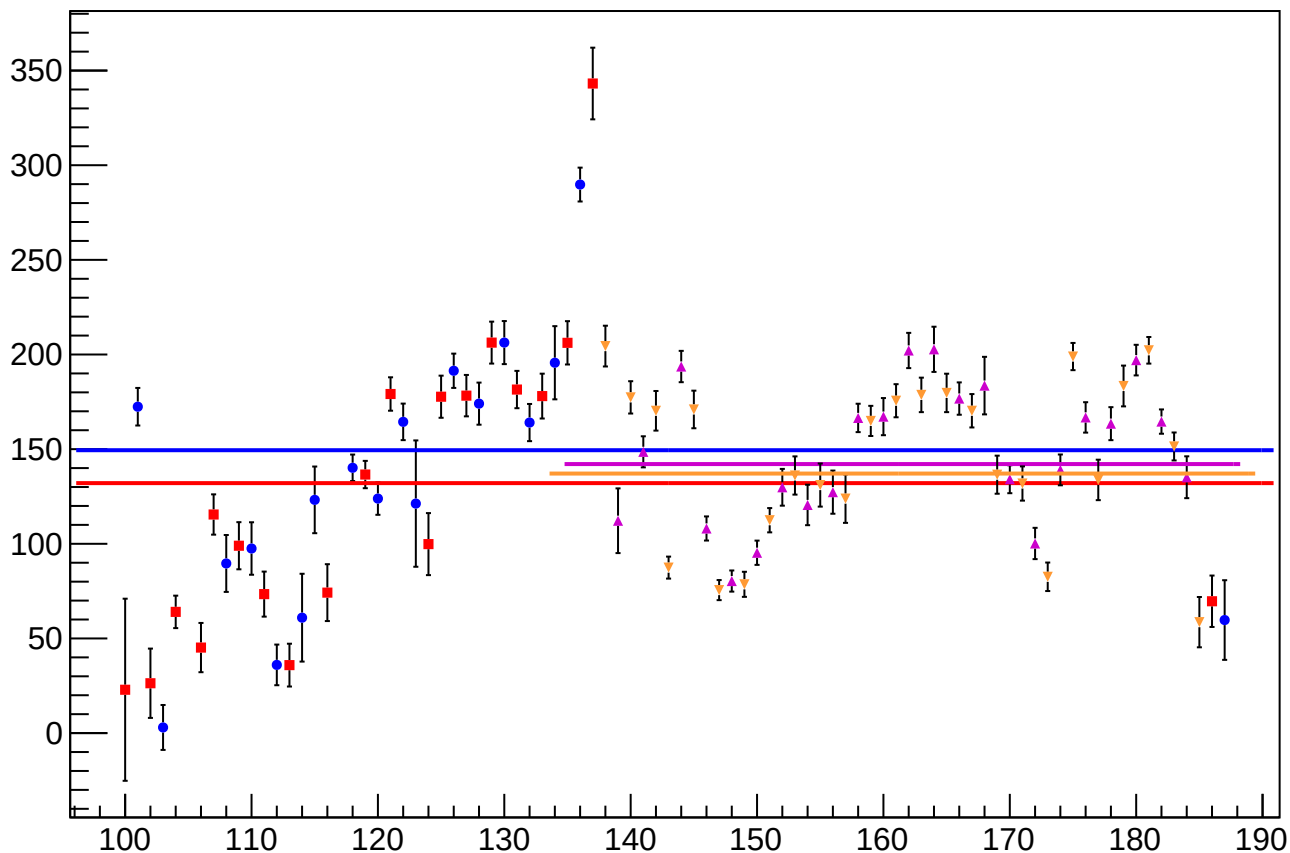
Left In: 431.487 $\pm$ 1.964 χ^2 /NDF:2897.1/22

+ sign 458.116 $\pm$ 1.704 χ^2 /NDF: 7284.1/42

All: 462.035 $\pm$ 1.204 χ^2 /NDF: 14208.4/85

- sign 465.940 $\pm$ 1.701 χ^2 /NDF: 6913.8/42

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 149.442 ± 2.653 χ^2/NDF : 653.3/17

Left Out: 137.107 ± 1.663 χ^2/NDF : 738.9/24

Right Out: 132.057 ± 2.572 χ^2/NDF : 606.8/19

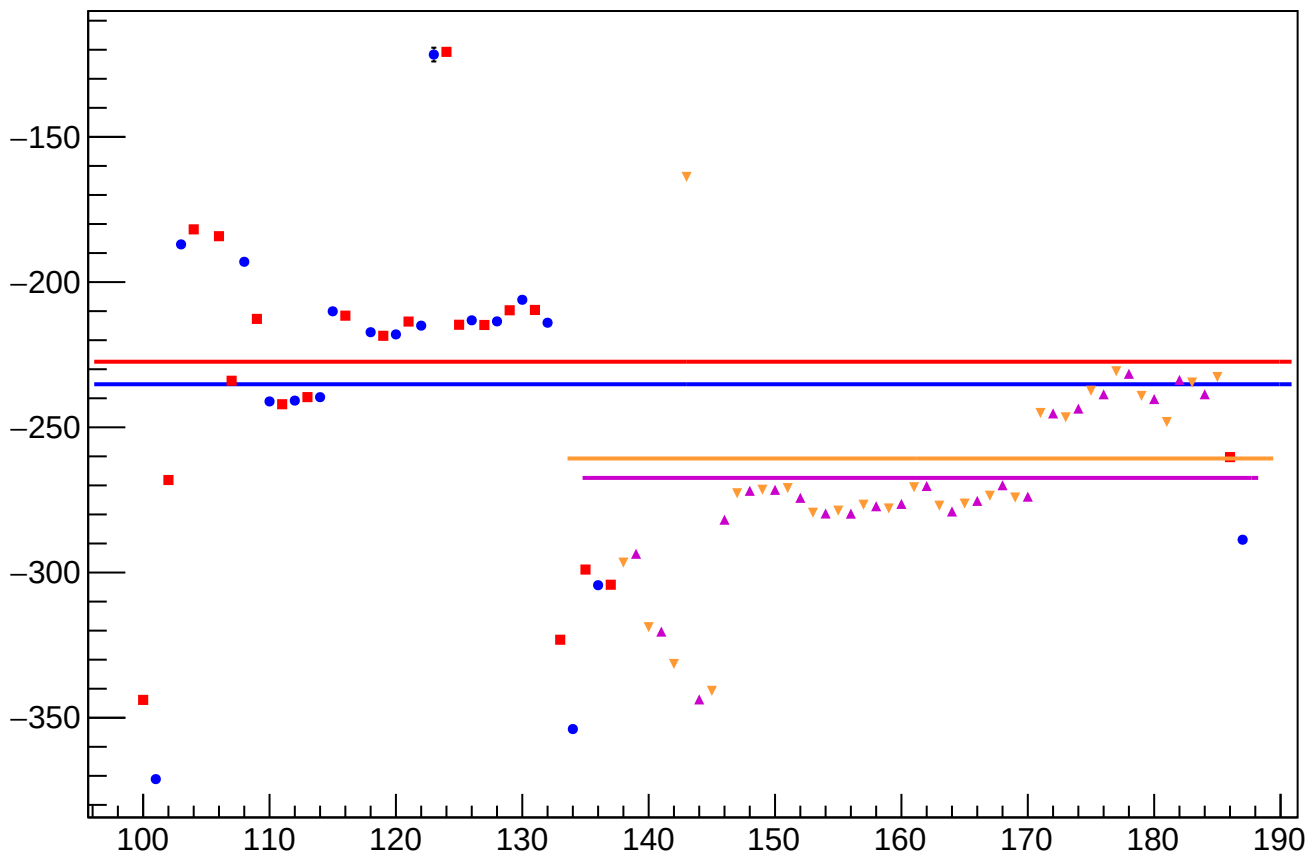
Left In: 142.123 ± 1.740 χ^2/NDF : 463.8/22

+ sign 140.586 ± 1.409 χ^2/NDF : 1407.7/42

All: 139.793 ± 1.007 χ^2/NDF : 2489.4/85

- sign 138.963 ± 1.441 χ^2/NDF : 1081.1/42

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -235.172 ± 0.147 $\chi^2/\text{NDF}: 147218.9/17$

Left Out: -260.729 ± 0.080 $\chi^2/\text{NDF}: 220125.6/24$

Right Out: -227.413 ± 0.140 $\chi^2/\text{NDF}: 100610.8/19$

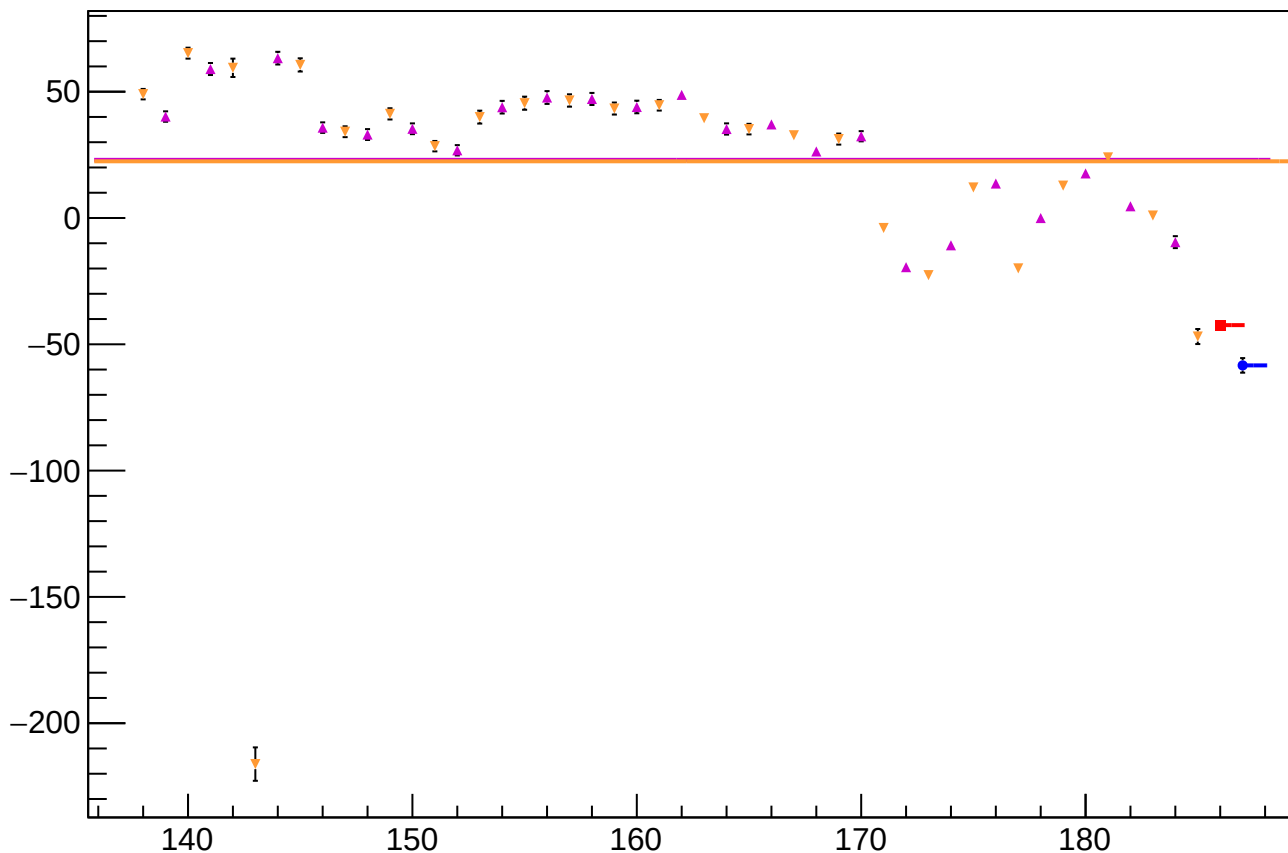
Left In: -267.416 ± 0.081 $\chi^2/\text{NDF}: 98892.0/22$

+ sign -254.951 ± 0.070 $\chi^2/\text{NDF}: 390683.7/42$

All: -256.122 ± 0.050 $\chi^2/\text{NDF}: 651886.4/85$

- sign -257.304 ± 0.070 $\chi^2/\text{NDF}: 260640.1/42$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -58.350 ± 2.889 χ^2/NDF : 0.0/0

Left Out: 22.446 ± 0.399 χ^2/NDF : 4935.8/24

Right Out: -42.407 ± 1.746 χ^2/NDF : 0.0/0

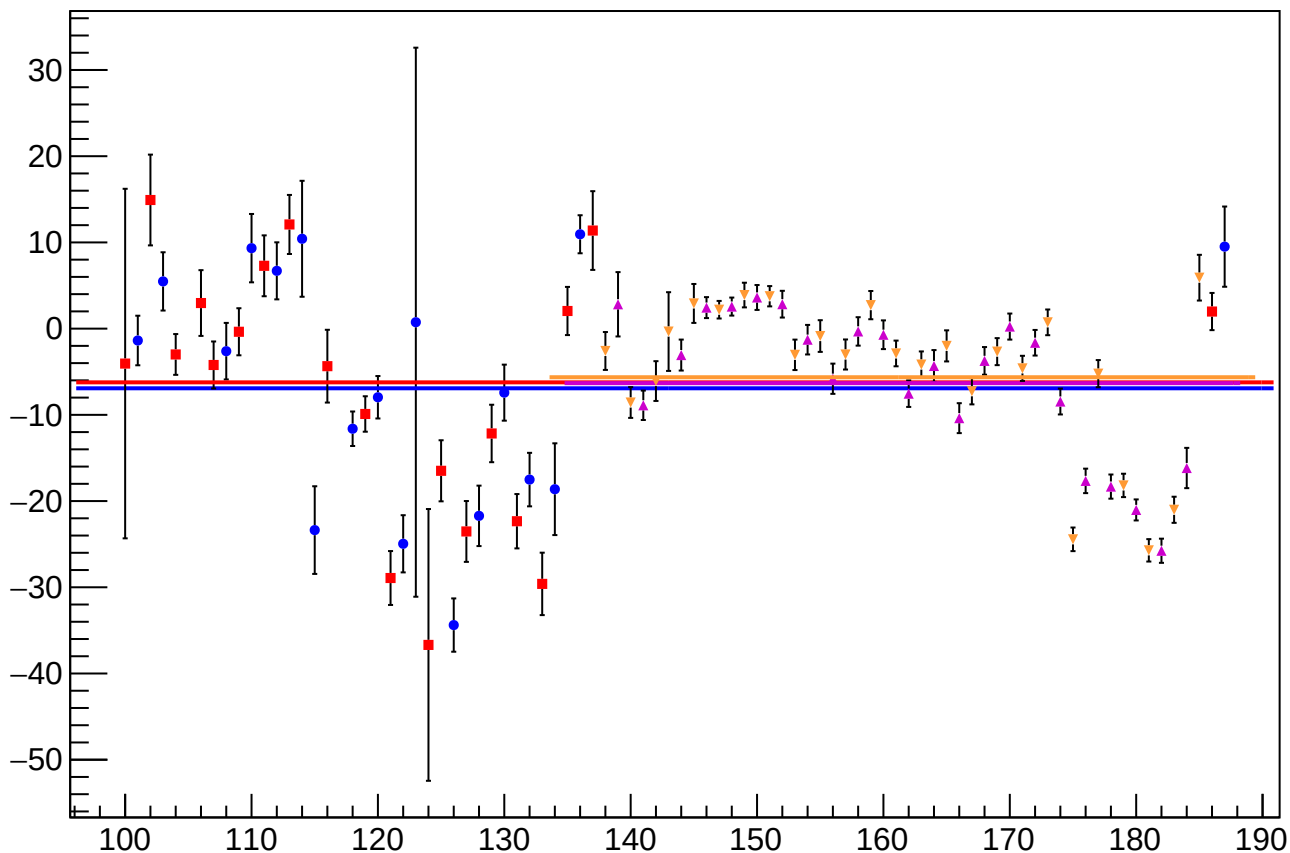
Left In: 23.019 ± 0.400 χ^2/NDF : 2819.9/22

+ sign 20.935 ± 0.395 χ^2/NDF : 5703.4/25

All: 20.339 ± 0.277 χ^2/NDF : 9861.9/49

- sign 19.760 ± 0.390 χ^2/NDF : 4154.1/23

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -6.921 ± 0.768 χ^2/NDF : 296.4/17

Left Out: -5.639 ± 0.316 χ^2/NDF : 891.5/24

Right Out: -6.231 ± 0.718 χ^2/NDF : 273.6/19

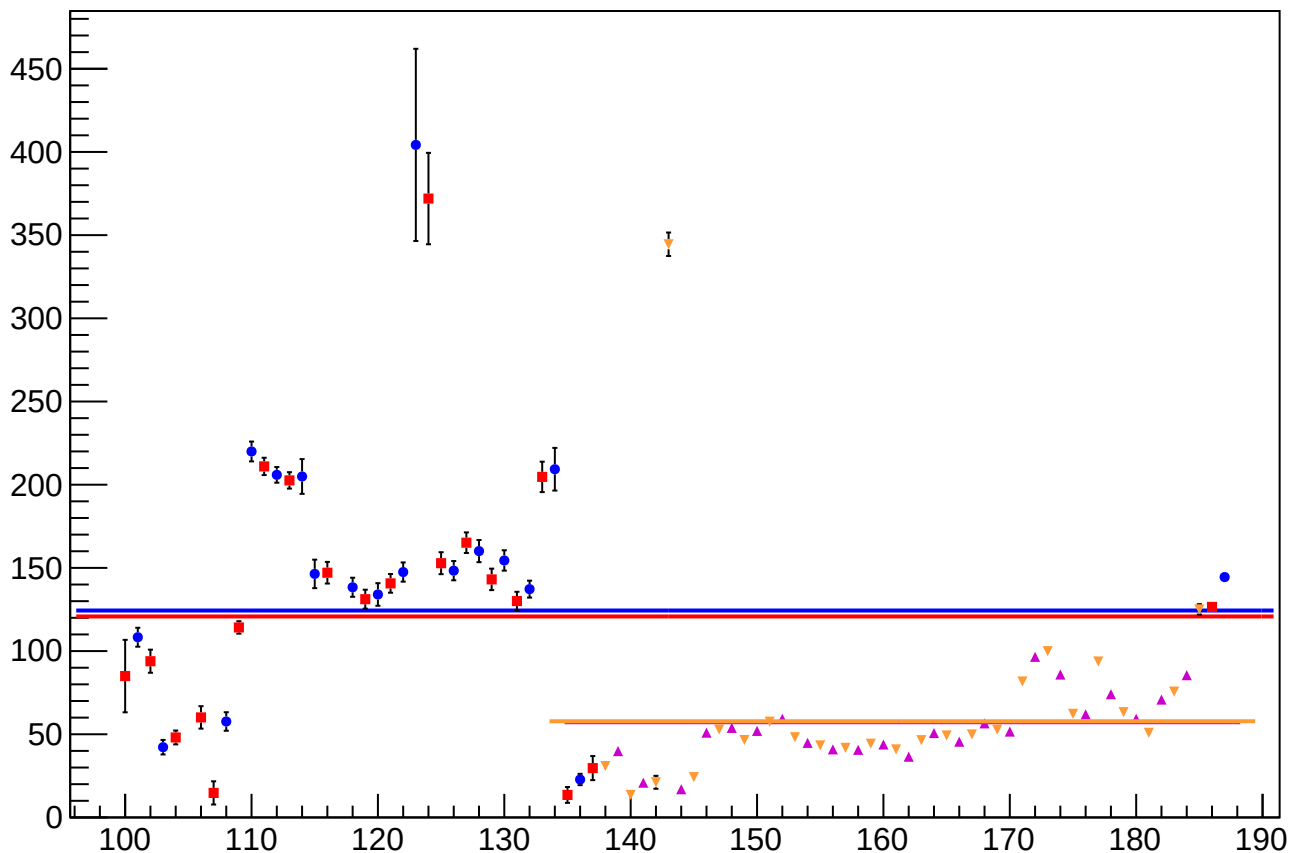
Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

+ sign -5.824 ± 0.292 χ^2/NDF : 1190.3/42

All: -6.065 ± 0.207 χ^2/NDF : 2249.7/85

- sign -6.308 ± 0.293 χ^2/NDF : 1058.0/42

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 124.382 ± 1.211 χ^2/NDF : 2258.2/17

Left Out: 57.816 ± 0.398 χ^2/NDF : 4331.5/24

Right Out: 120.812 ± 0.976 χ^2/NDF : 2183.1/19

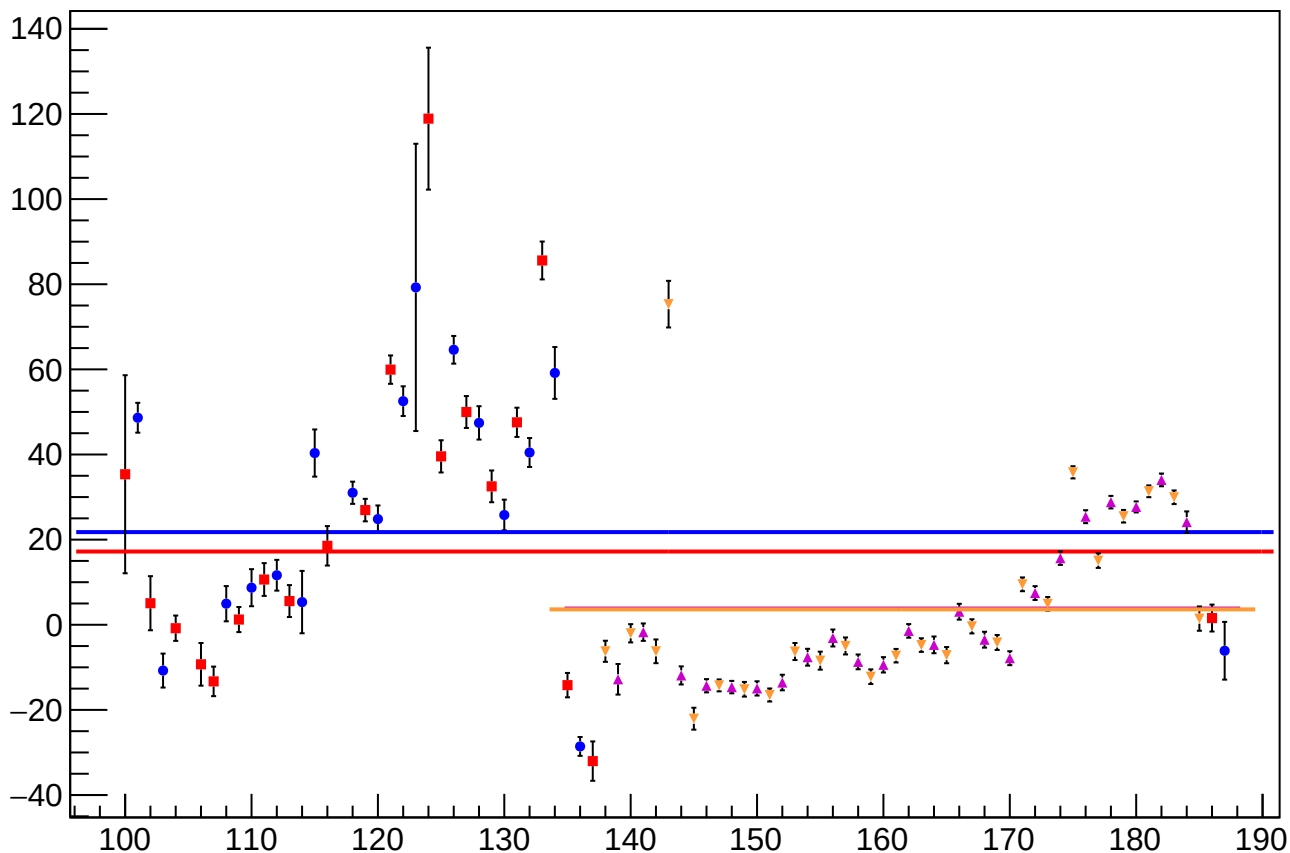
Left In: 57.226 ± 0.398 χ^2/NDF : 1860.6/22

+ sign 64.303 ± 0.378 χ^2/NDF : 9315.5/42

All: 65.325 ± 0.264 χ^2/NDF : 17012.7/85

- sign 66.295 ± 0.369 χ^2/NDF : 7683.0/42

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 21.771 $\pm$ 0.882 χ^2 /NDF: 1088.6/17

Left Out: 3.615 $\pm$ 0.357 χ^2 /NDF: 2501.2/24

Right Out: 17.205 $\pm$ 0.840 χ^2 /NDF: 1103.5/19

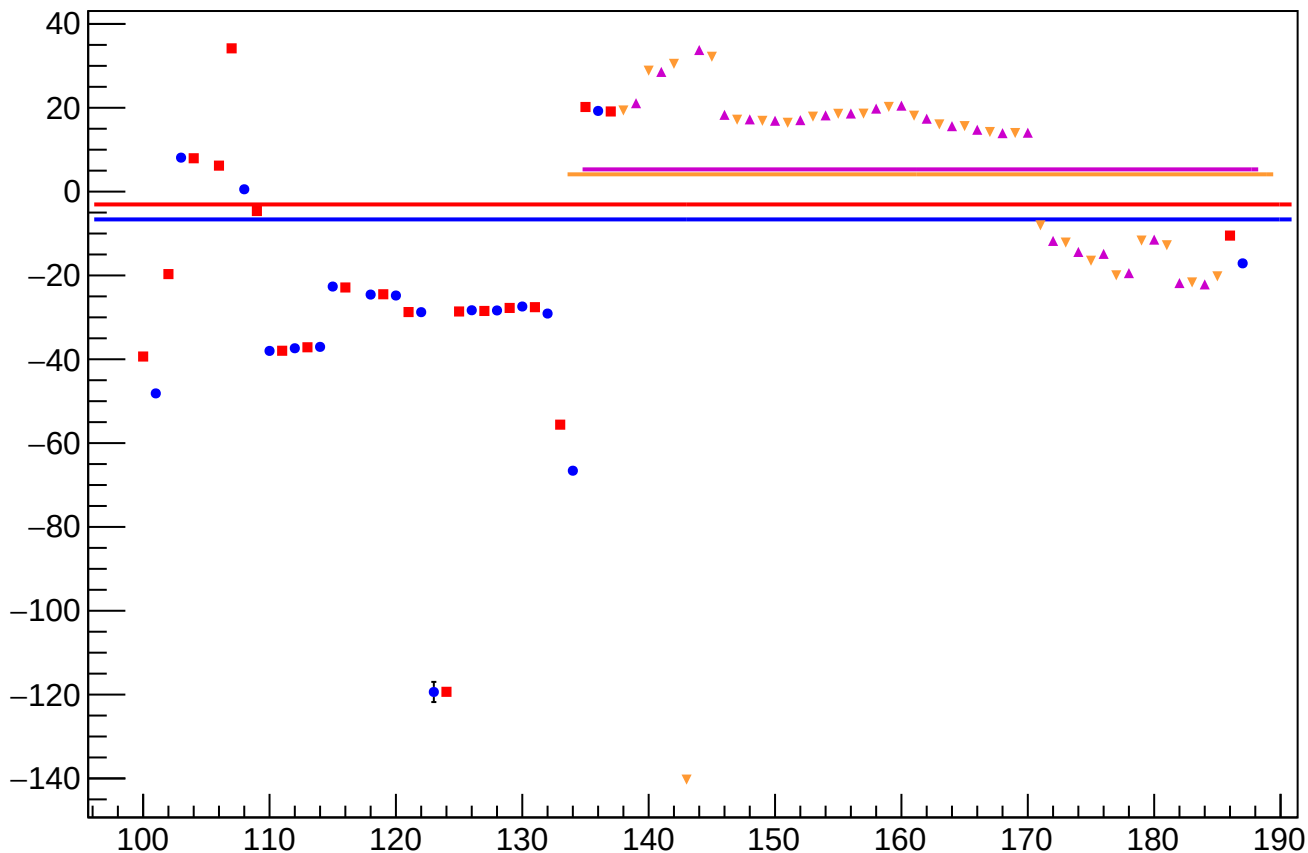
Left In: 3.812 $\pm$ 0.361 χ^2 /NDF: 2203.5/22

+ sign 6.169 $\pm$ 0.331 χ^2 /NDF: 3954.3/42

All: 6.033 $\pm$ 0.234 χ^2 /NDF: 7476.0/85

- sign 5.895 $\pm$ 0.331 χ^2 /NDF: 3521.4/42

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.634 ± 0.046 χ^2/NDF : 266563.8/17

Left Out: 4.121 ± 0.016 χ^2/NDF : 1340176.5/24

Right Out: -3.061 ± 0.045 χ^2/NDF : 267440.4/19

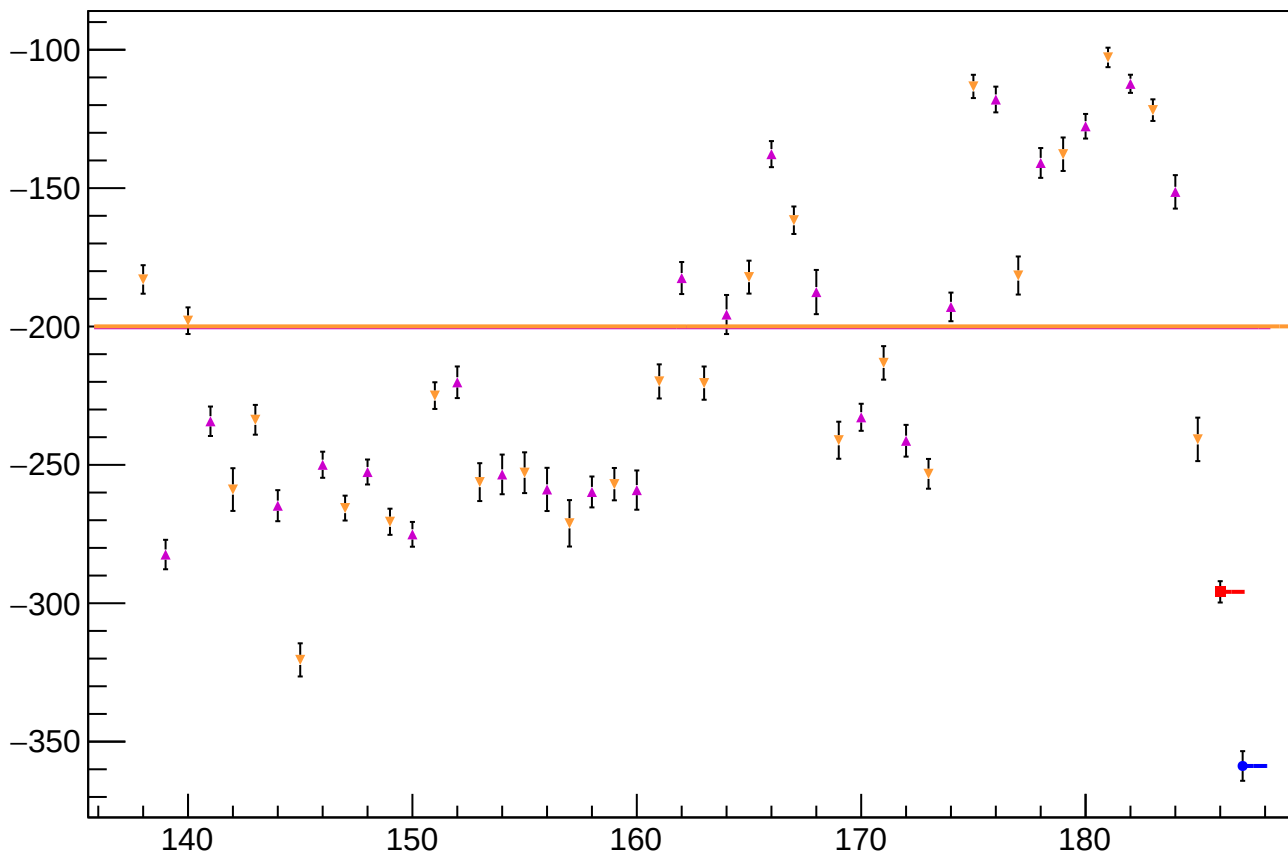
Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

+ sign 2.904 ± 0.015 χ^2/NDF : 1655579.2/42

All: 3.615 ± 0.011 χ^2/NDF : 3047689.3/85

- sign 4.320 ± 0.015 χ^2/NDF : 1387878.4/42

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -358.804+/-5.356 χ^2 /NDF: 0.0/0

Left Out: -199.957+/-1.082 χ^2 /NDF:3220.5/24

Right Out: -295.882+/-3.855 χ^2 /NDF: 0.0/0

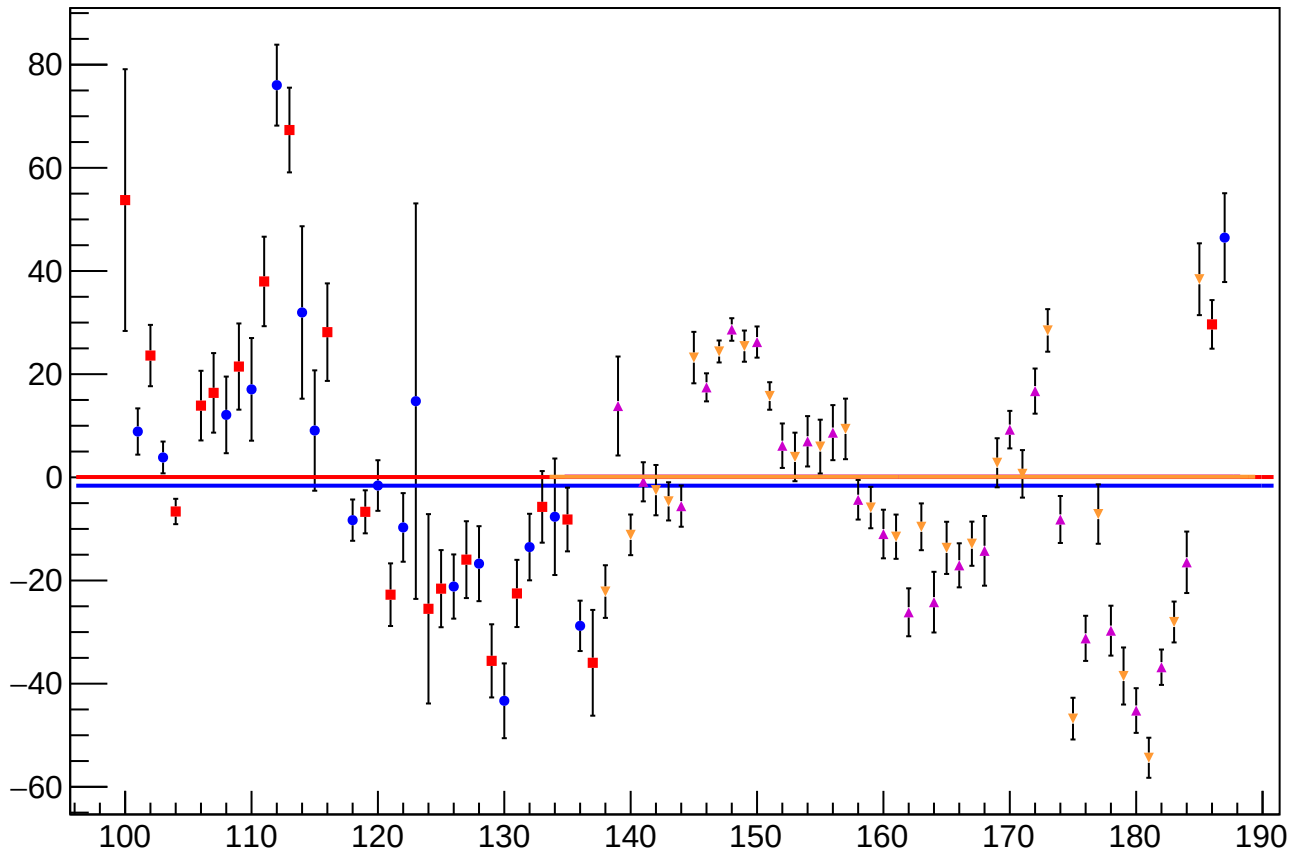
Left In: -200.276+/-1.093 χ^2 /NDF:3013.8/22

+ sign -206.181+/-1.060 χ^2 /NDF: 4065.7/25

All: -206.792+/-0.747 χ^2 /NDF: 7649.3/49

- sign -207.393+/-1.052 χ^2 /NDF: 3583.0/23

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -1.616 ± 1.430 χ^2/NDF : 236.0/17

Left Out: 0.116 ± 0.810 χ^2/NDF : 830.1/24

Right Out: 0.058 ± 1.341 χ^2/NDF : 261.0/19

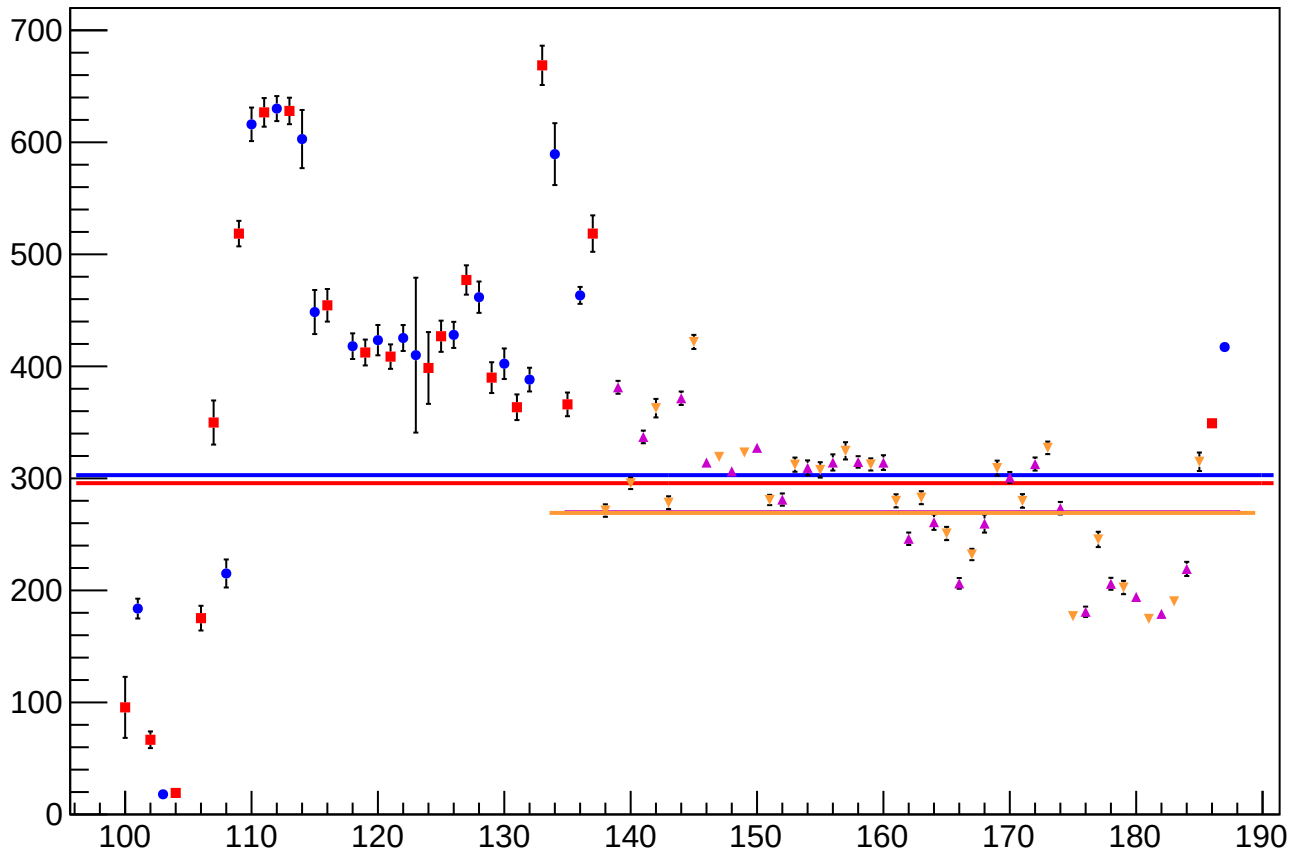
Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

+ sign -0.305 ± 0.705 χ^2/NDF : 1067.2/42

All: -0.091 ± 0.500 χ^2/NDF : 2048.0/85

- sign 0.127 ± 0.709 χ^2/NDF : 980.6/42

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 302.893 $\pm$ 2.158 χ^2 /NDF: 8553.0/17

Left Out: 269.181 $\pm$ 1.081 χ^2 /NDF: 3148.5/24

Right Out: 295.720 $\pm$ 1.920 χ^2 /NDF: 8704.0/19

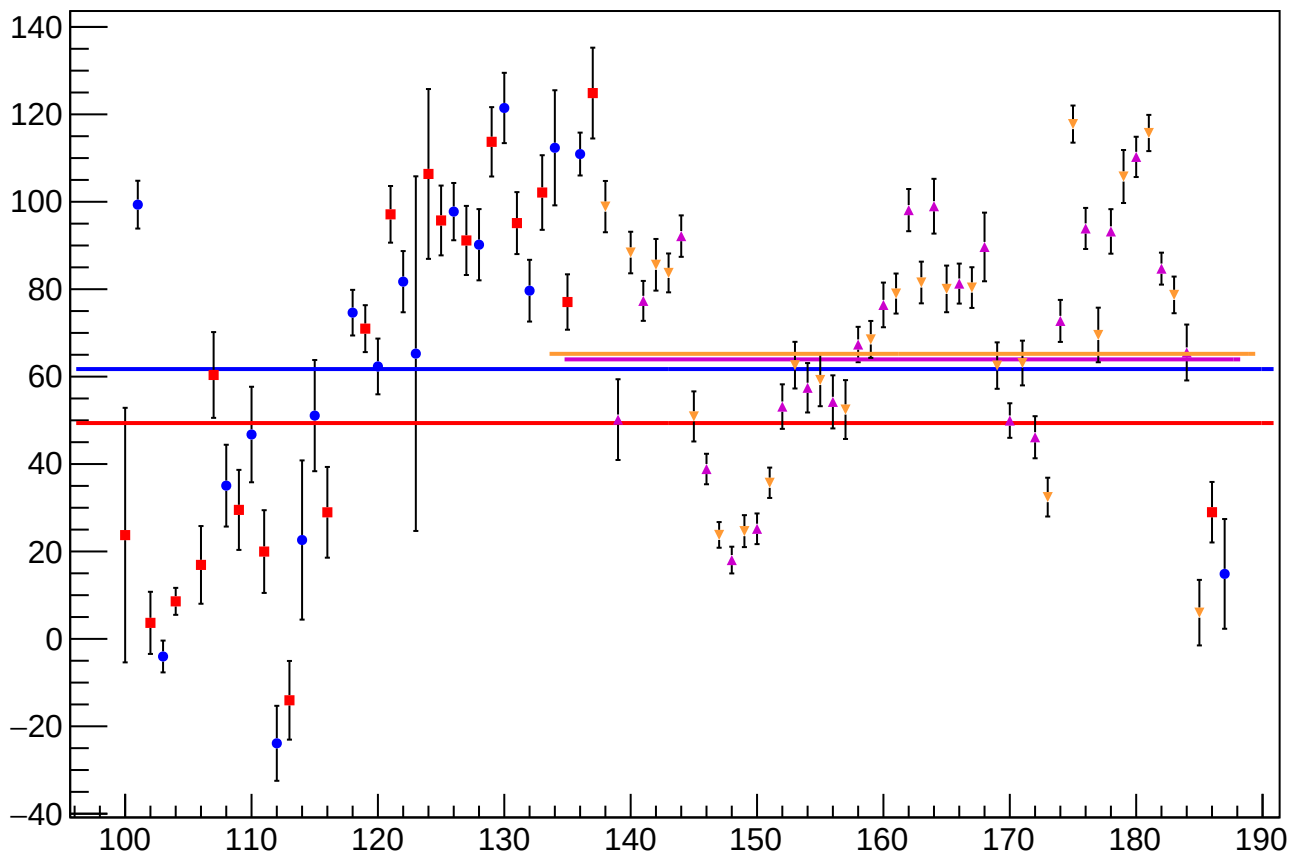
Left In: 269.798 $\pm$ 1.087 χ^2 /NDF: 3234.9/22

+ sign 275.940 $\pm$ 0.966 χ^2 /NDF: 11896.5/42

All: 276.017 $\pm$ 0.676 χ^2 /NDF: 23973.5/85

- sign 276.092 $\pm$ 0.946 χ^2 /NDF: 12077.0/42

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 61.729+/-1.663 χ^2/NDF : 736.6/17

Left Out: 65.214+/-0.938 χ^2/NDF : 1005.7/24

Right Out: 49.377+/-1.599 χ^2/NDF : 666.2/19

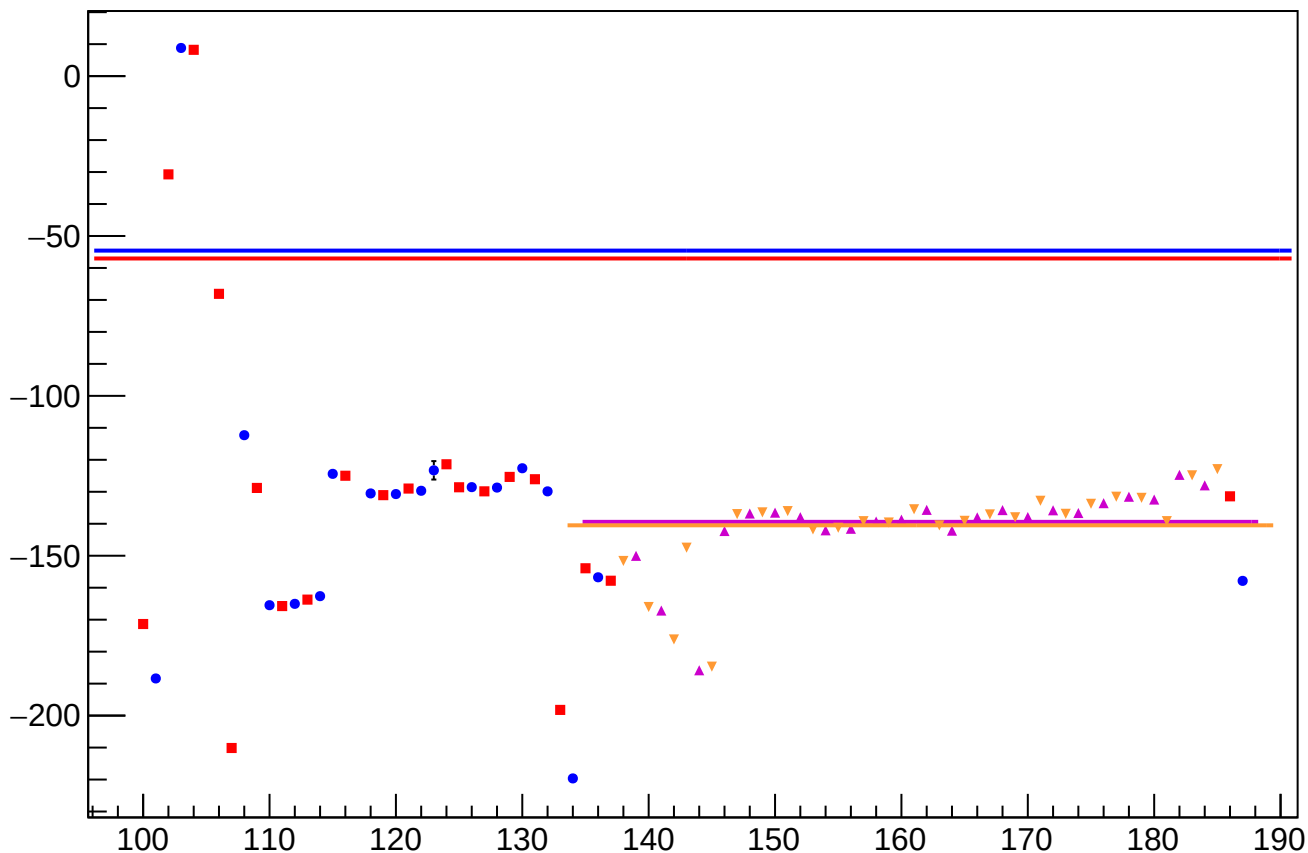
Left In: 63.944+/-0.961 χ^2/NDF : 803.4/22

+ sign 64.373+/-0.817 χ^2/NDF : 1745.6/42

All: 62.243+/-0.580 χ^2/NDF : 3289.8/85

- sign 60.081+/-0.823 χ^2/NDF : 1530.5/42

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -54.572 ± 0.070 $\chi^2/\text{NDF}: 1251454.5/17$

Left Out: -140.489 ± 0.045 $\chi^2/\text{NDF}: 77350.7/24$

Right Out: -57.036 ± 0.071 $\chi^2/\text{NDF}: 992154.3/19$

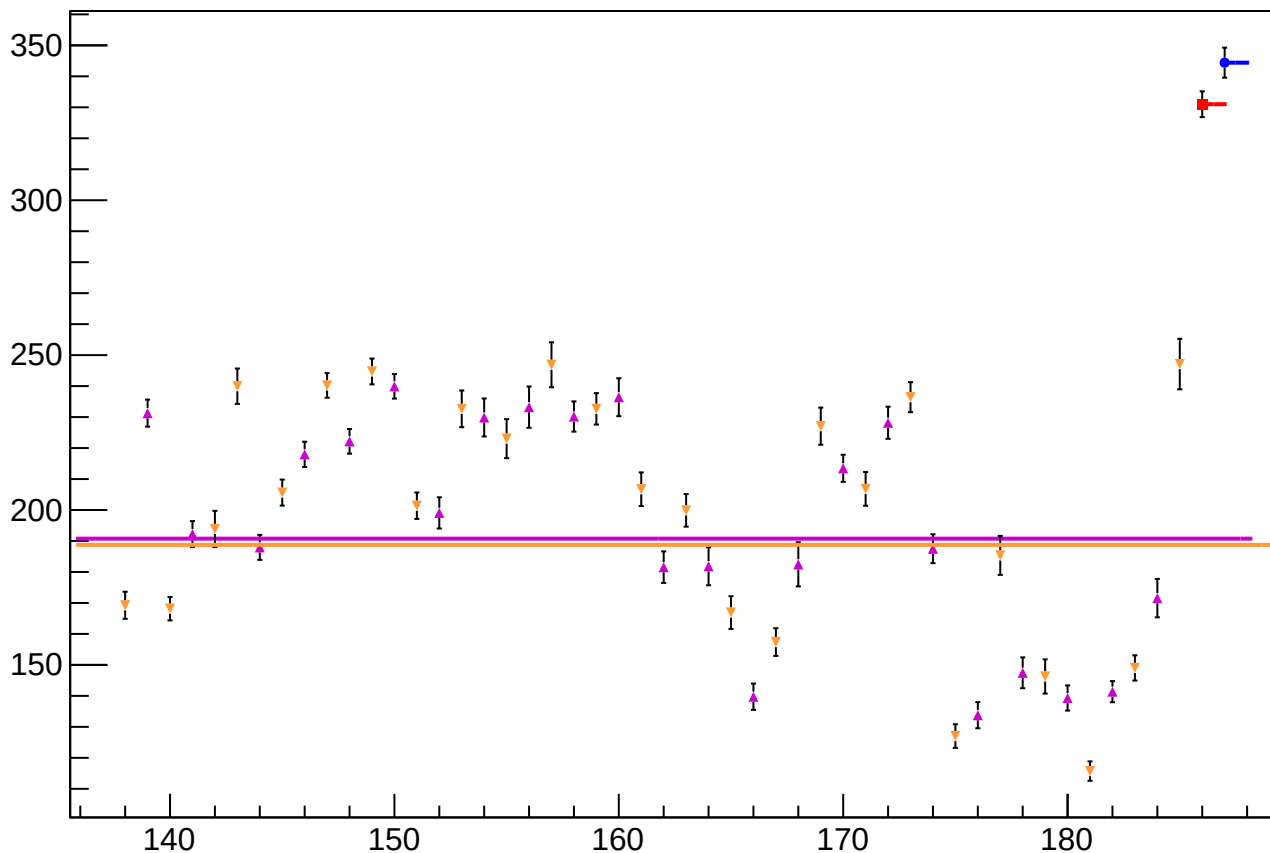
Left In: -139.406 ± 0.045 $\chi^2/\text{NDF}: 62878.4/22$

+ sign -115.576 ± 0.038 $\chi^2/\text{NDF}: 2400459.4/42$

All: -115.789 ± 0.027 $\chi^2/\text{NDF}: 4414343.4/85$

- sign -116.005 ± 0.038 $\chi^2/\text{NDF}: 2013819.4/42$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 344.410 $\pm$ 4.840 χ^2 /NDF: 0.0/0

Left Out: 188.749 $\pm$ 0.958 χ^2 /NDF:1968.6/24

Right Out: 330.994 $\pm$ 4.156 χ^2 /NDF: 0.0/0

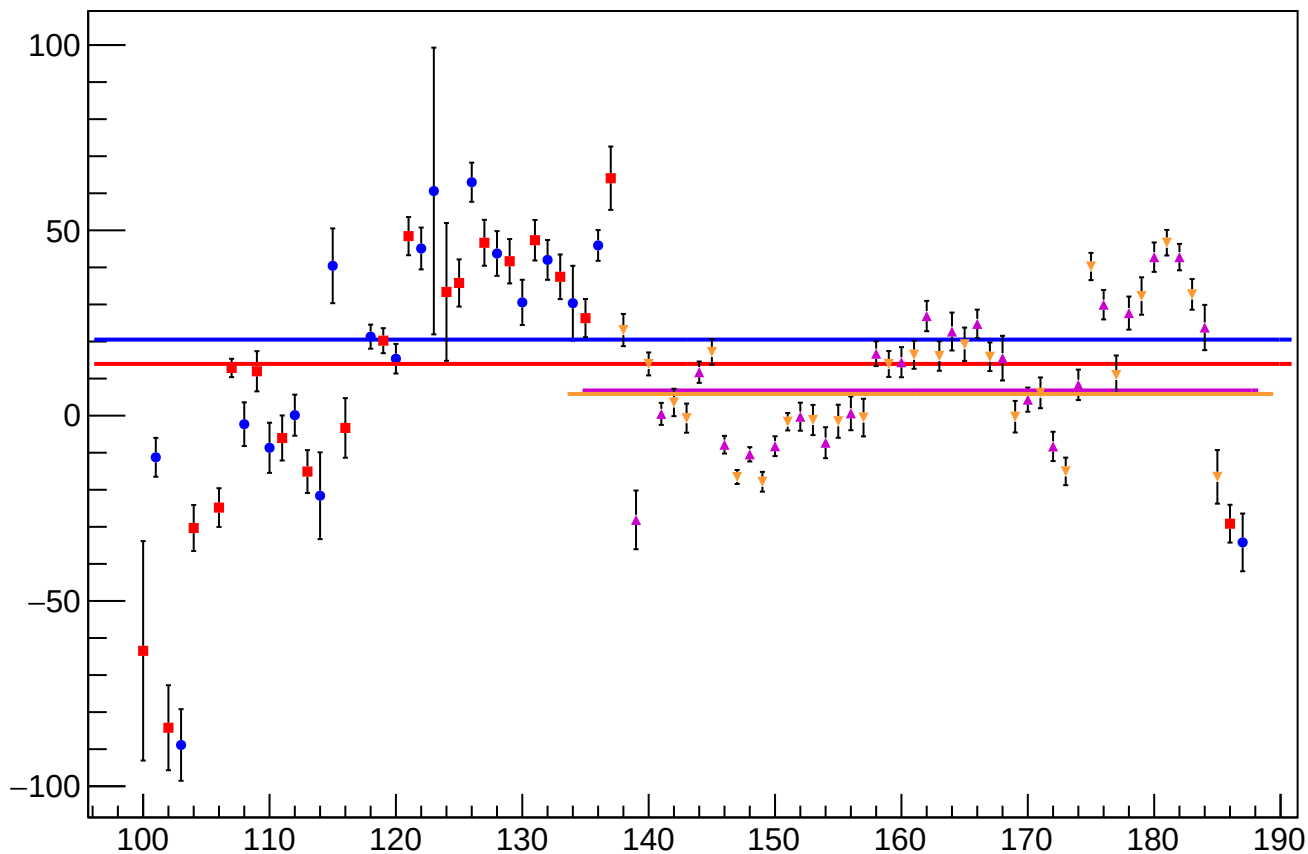
Left In: 190.753 $\pm$ 0.971 χ^2 /NDF:1421.8/22

+ sign 194.618 $\pm$ 0.940 χ^2 /NDF: 2963.8/25

All: 196.304 $\pm$ 0.667 χ^2 /NDF: 5471.8/49

- sign 198.011 $\pm$ 0.946 χ^2 /NDF: 2501.5/23

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 20.519 $\pm$ 1.353 χ^2 /NDF: 436.5/17

Left Out: 5.851 $\pm$ 0.714 χ^2 /NDF: 650.6/24

Right Out: 13.962 $\pm$ 1.195 χ^2 /NDF: 501.5/19

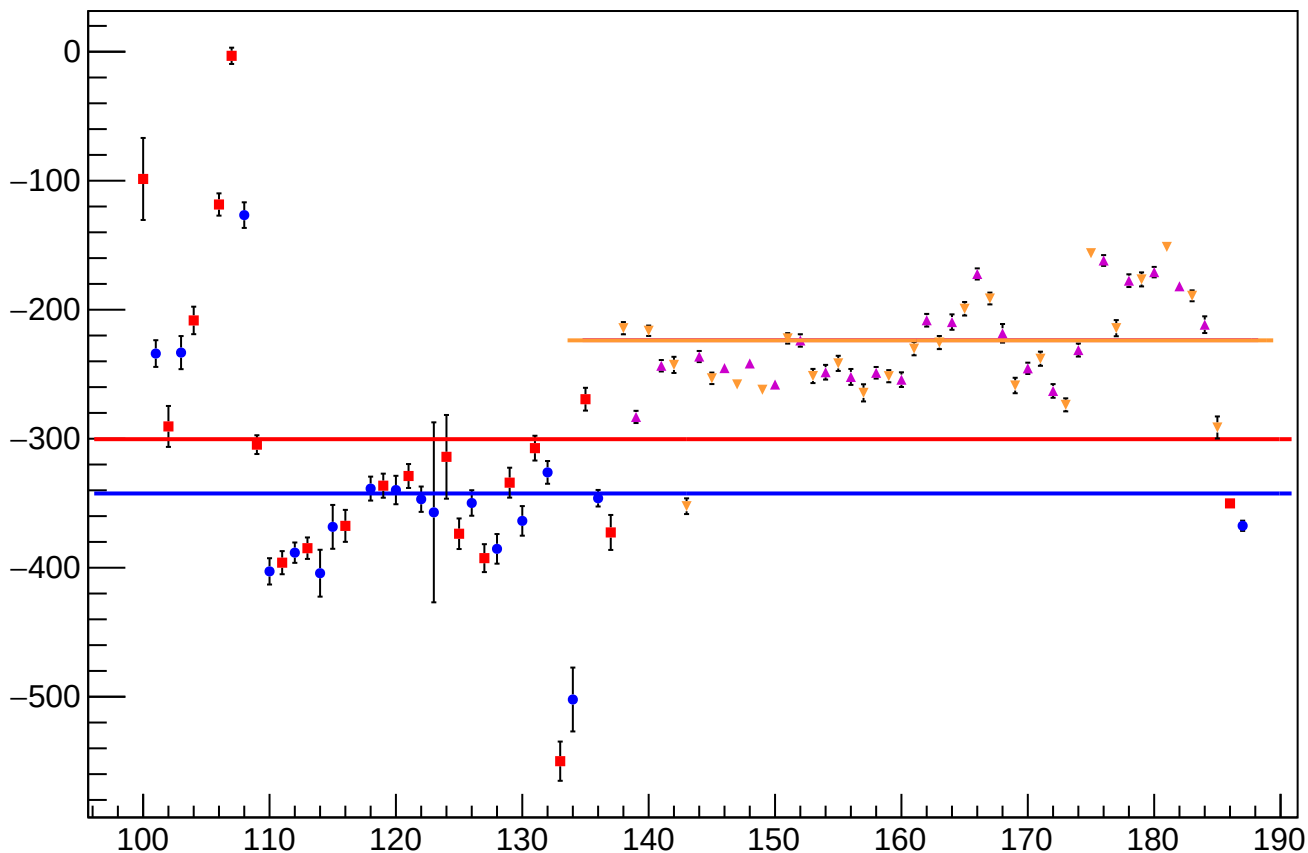
Left In: 6.797 $\pm$ 0.735 χ^2 /NDF: 525.8/22

+ sign 9.049 $\pm$ 0.632 χ^2 /NDF: 1179.0/42

All: 8.904 $\pm$ 0.445 χ^2 /NDF: 2232.5/85

- sign 8.762 $\pm$ 0.626 χ^2 /NDF: 1053.4/42

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -342.441 ± 2.154 χ^2/NDF : 841.1/17

Left Out: -223.752 ± 0.958 χ^2/NDF : 2021.5/24

Right Out: -300.353 ± 1.903 χ^2/NDF : 3699.7/19

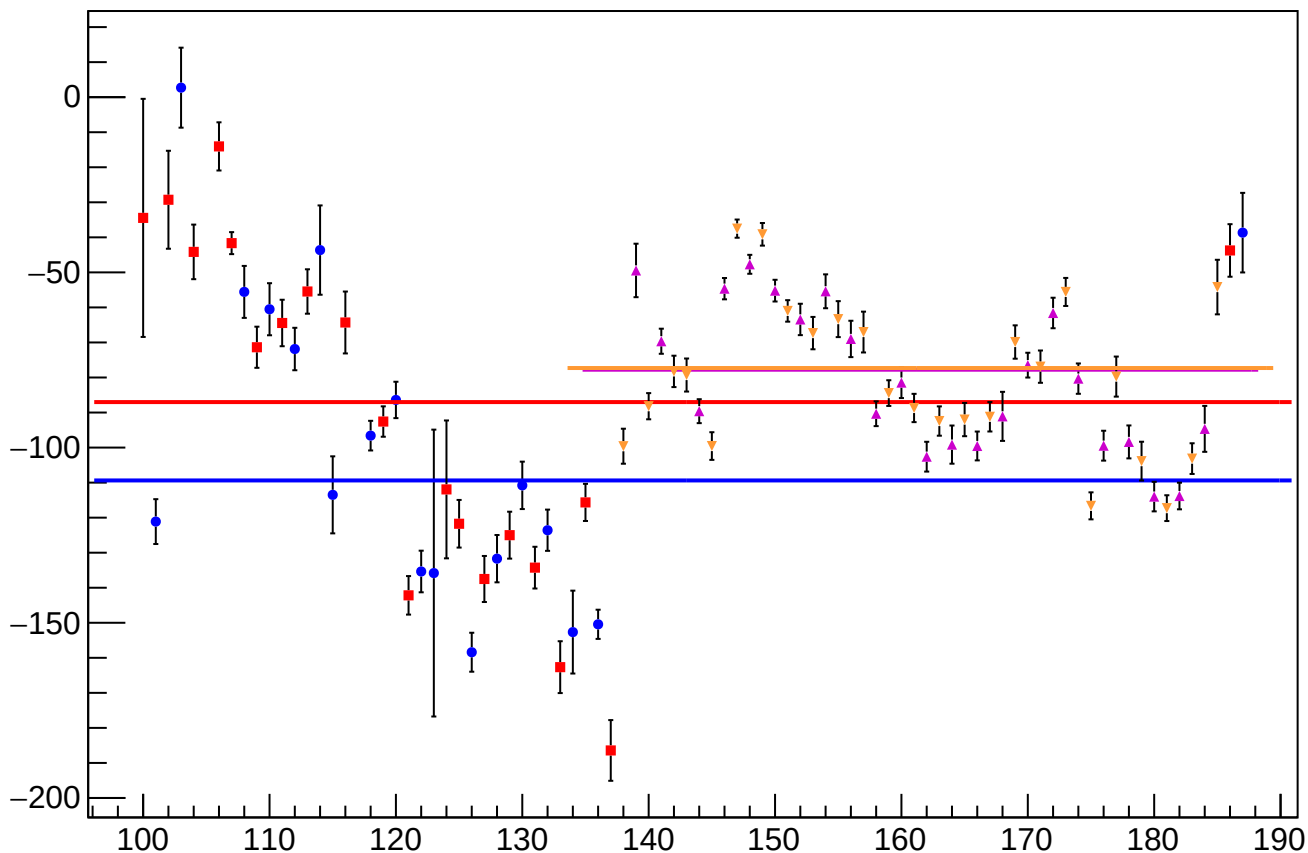
Left In: -223.554 ± 0.966 χ^2/NDF : 1286.5/22

+ sign -243.358 ± 0.875 χ^2/NDF : 5398.4/42

All: -241.286 ± 0.614 χ^2/NDF : 11691.0/85

- sign -239.281 ± 0.861 χ^2/NDF : 6281.5/42

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -109.380 ± 1.563 $\chi^2/\text{NDF}: 552.9/17$

Left Out: -77.296 ± 0.829 $\chi^2/\text{NDF}: 844.6/24$

Right Out: -87.016 ± 1.409 $\chi^2/\text{NDF}: 1004.2/19$

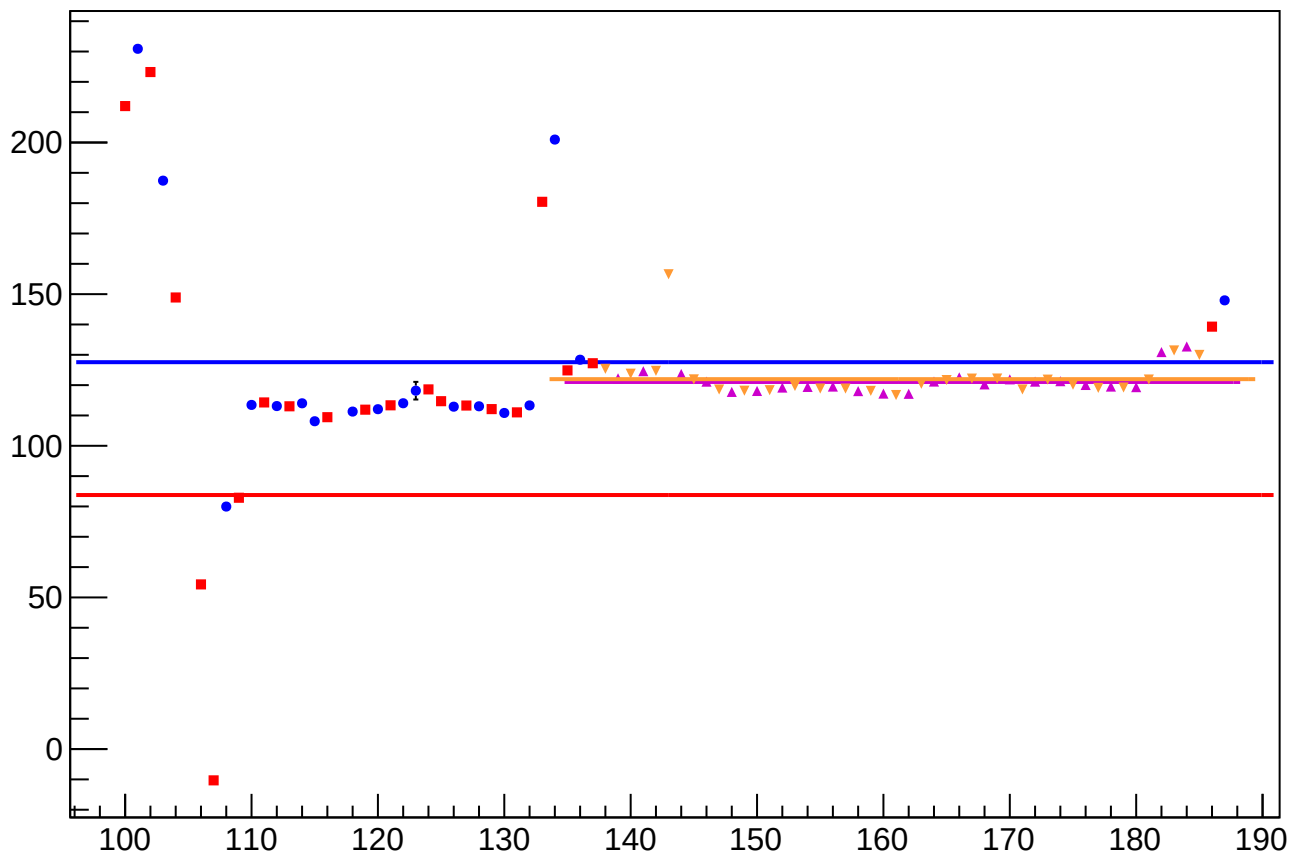
Left In: -77.777 ± 0.847 $\chi^2/\text{NDF}: 624.5/22$

+ sign -84.339 ± 0.732 $\chi^2/\text{NDF}: 1726.6/42$

All: -82.266 ± 0.515 $\chi^2/\text{NDF}: 3402.8/85$

- sign -80.228 ± 0.726 $\chi^2/\text{NDF}: 1660.3/42$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.569 ± 0.088 $\chi^2/\text{NDF}: 189074.2/17$

Left Out: 121.972 ± 0.039 $\chi^2/\text{NDF}: 27431.1/24$

Right Out: 83.766 ± 0.075 $\chi^2/\text{NDF}: 776525.6/19$

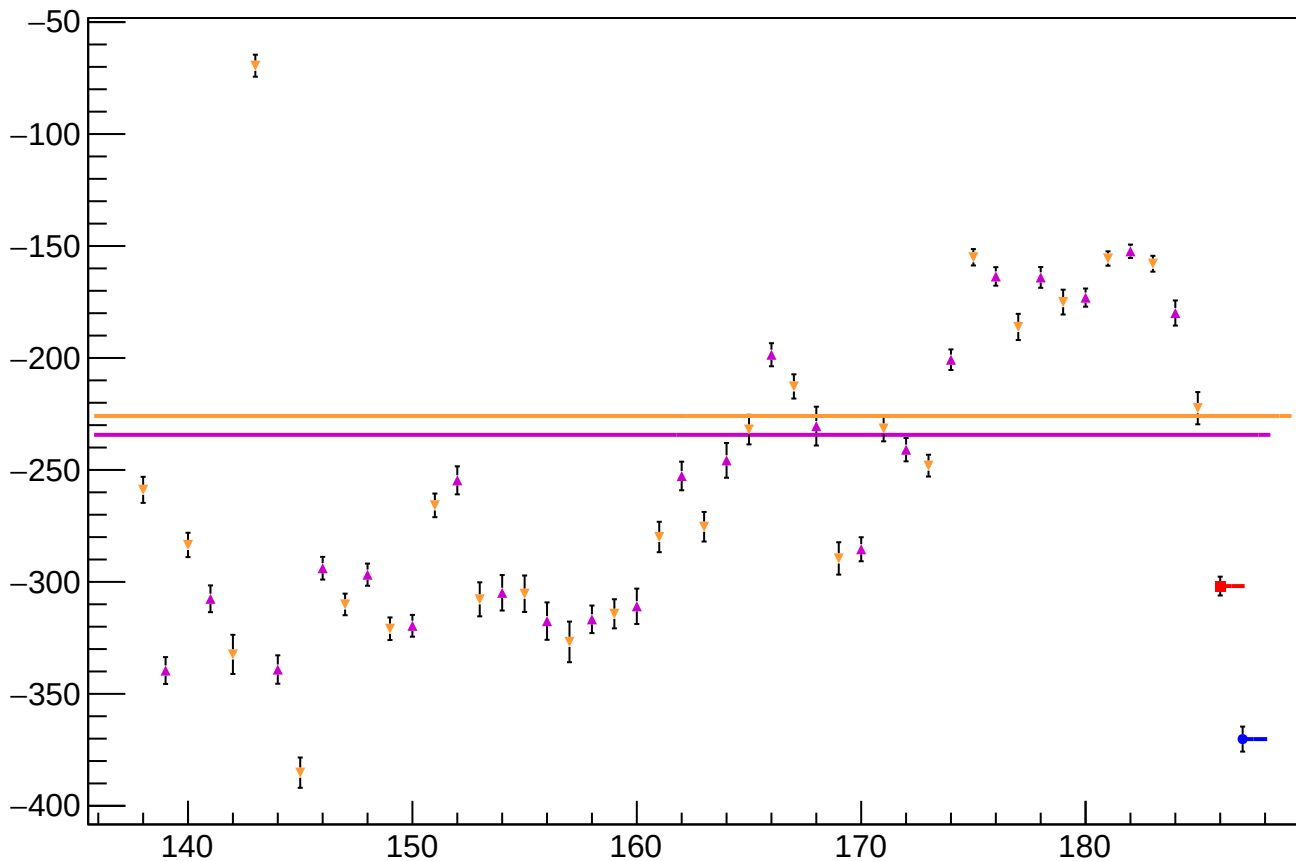
Left In: 121.045 ± 0.040 $\chi^2/\text{NDF}: 7903.5/22$

+ sign 122.908 ± 0.036 $\chi^2/\text{NDF}: 219860.9/42$

All: 117.728 ± 0.025 $\chi^2/\text{NDF}: 1239350.2/85$

- sign 112.858 ± 0.035 $\chi^2/\text{NDF}: 979423.8/42$

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -370.205+/-5.584 χ^2/NDF : 0.0/0

Left Out: -225.905+/-1.083 χ^2/NDF : 4669.2/24

Right Out: -301.864+/-4.204 χ^2/NDF : 0.0/0

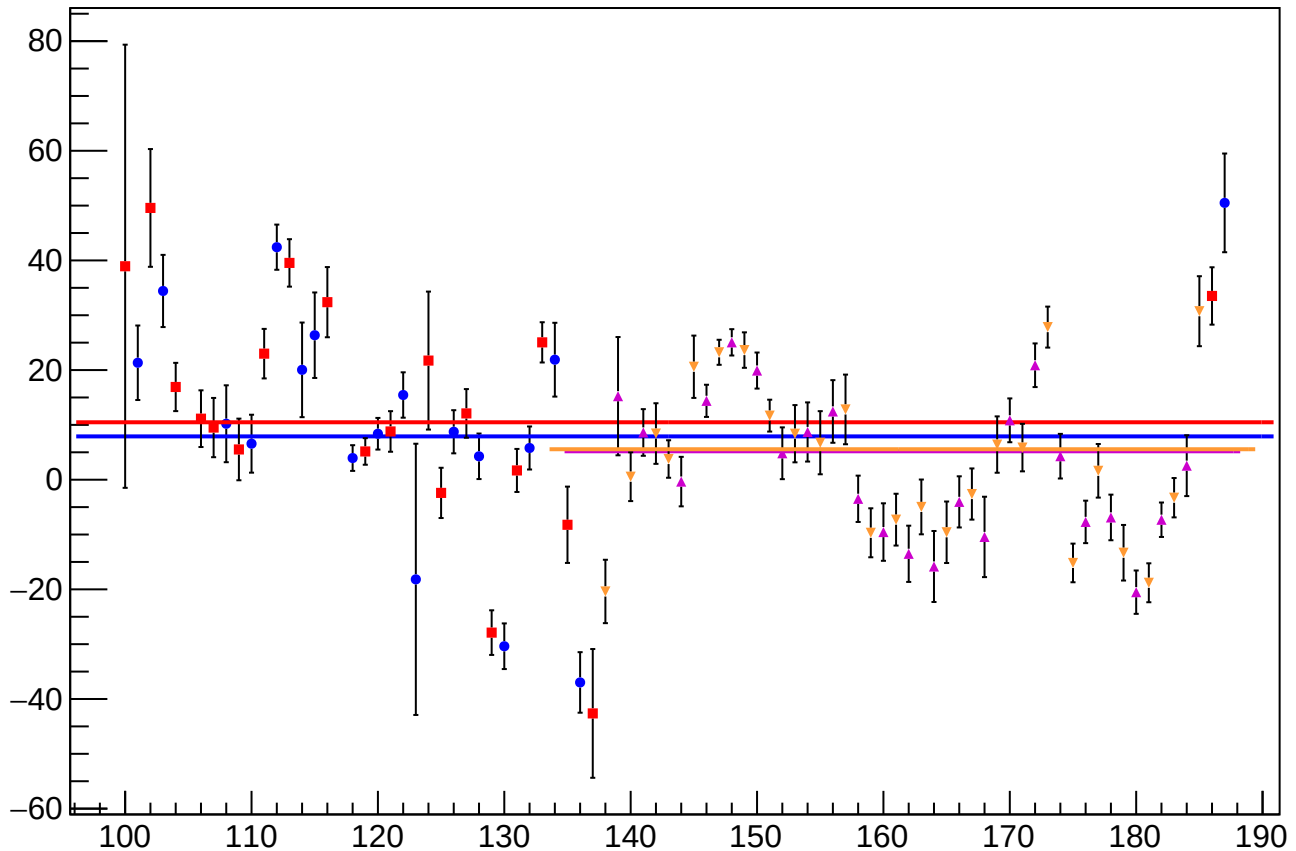
Left In: -234.328+/-1.104 χ^2/NDF : 3591.9/22

+ sign -231.140+/-1.064 χ^2/NDF : 5312.8/25

All: -234.899+/-0.754 χ^2/NDF : 9171.2/49

- sign -238.688+/-1.068 χ^2/NDF : 3833.4/23

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.901 ± 1.076 χ^2/NDF : 283.7/17

Left Out: 5.558 ± 0.832 χ^2/NDF : 313.4/24

Right Out: 10.476 ± 1.053 χ^2/NDF : 251.7/19

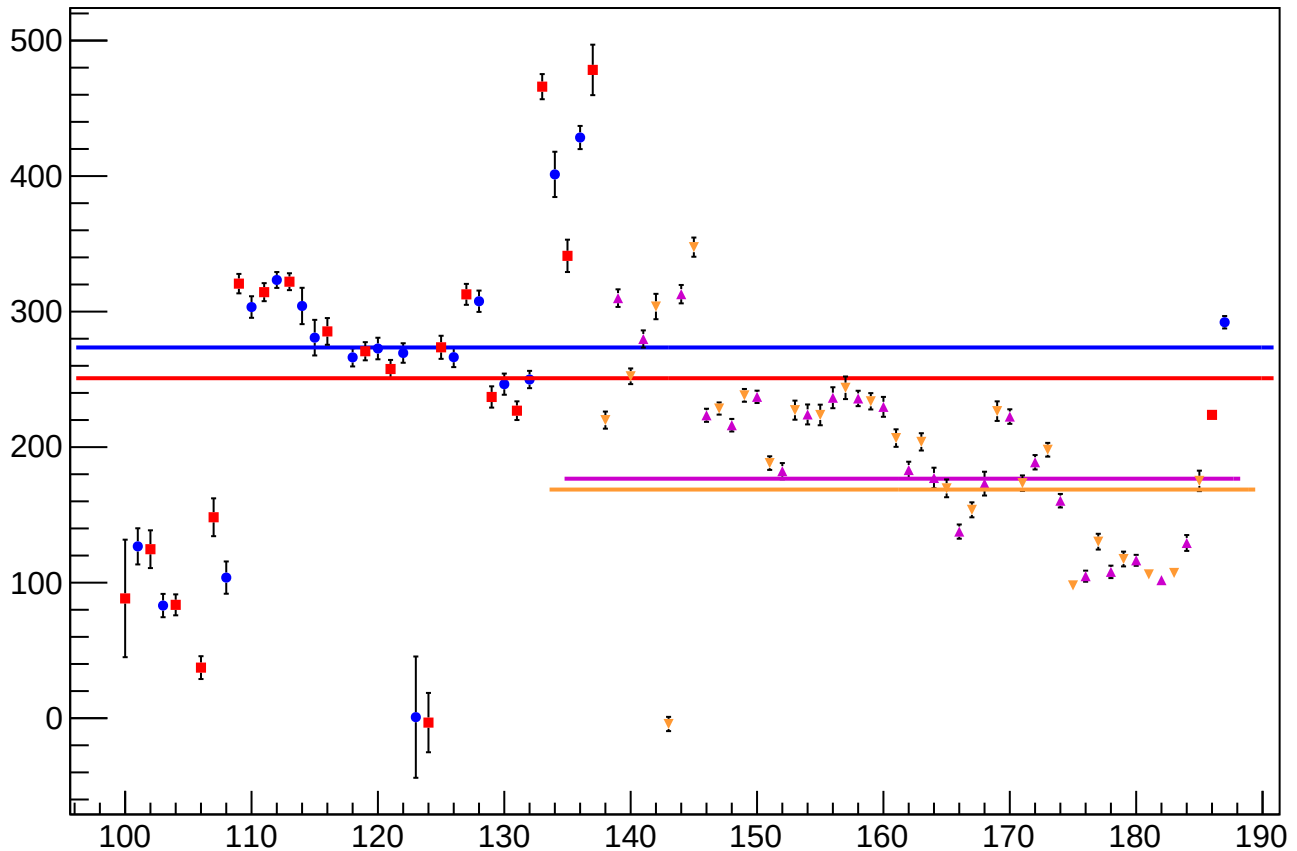
Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

+ sign 6.435 ± 0.658 χ^2/NDF : 600.2/42

All: 6.872 ± 0.469 χ^2/NDF : 1111.0/85

- sign 7.324 ± 0.669 χ^2/NDF : 510.0/42

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 273.539 ± 1.888 $\chi^2/\text{NDF}: 1393.8/17$

Left Out: 168.699 ± 1.086 $\chi^2/\text{NDF}: 4238.2/24$

Right Out: 250.845 ± 1.705 $\chi^2/\text{NDF}: 2628.7/19$

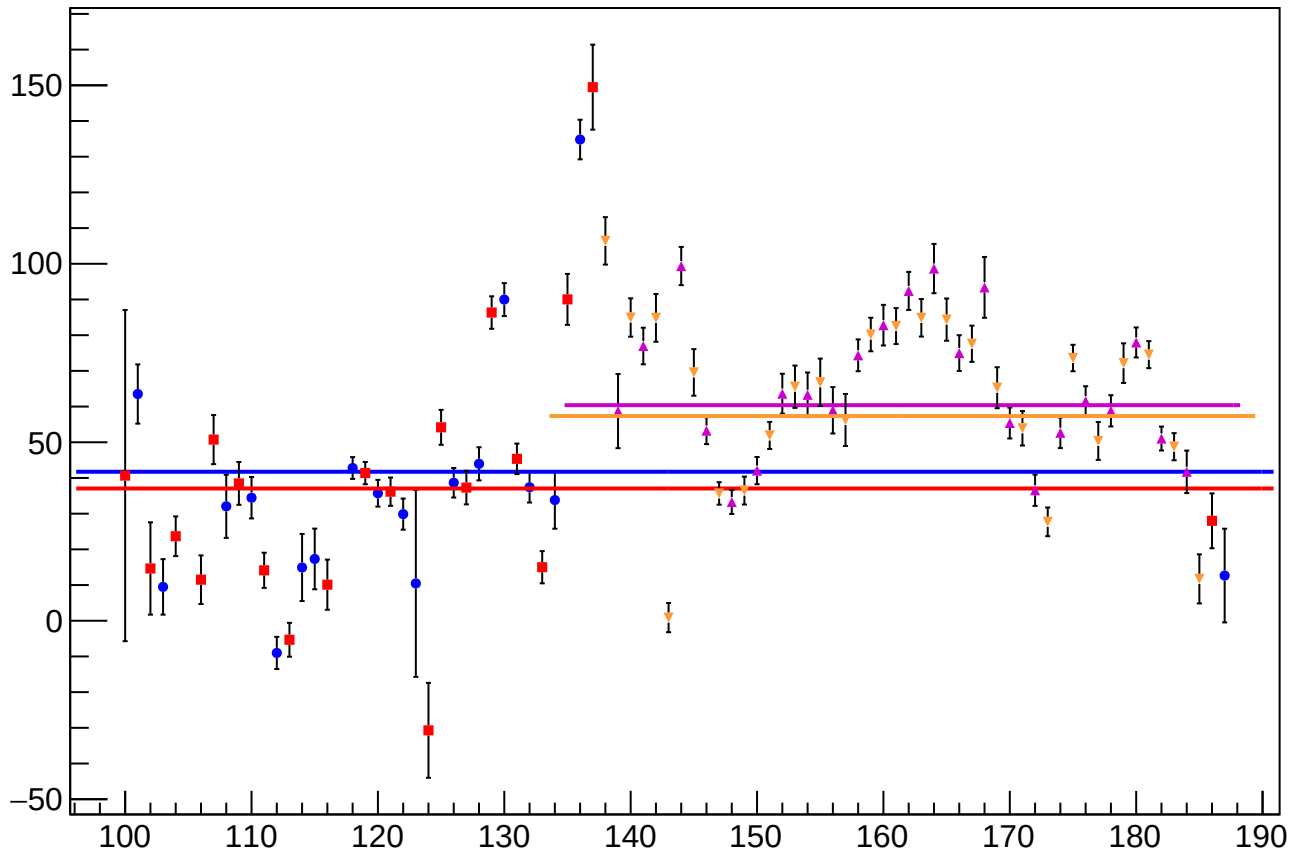
Left In: 176.711 ± 1.102 $\chi^2/\text{NDF}: 3234.3/22$

+ sign 194.781 ± 0.942 $\chi^2/\text{NDF}: 7948.7/42$

All: 196.701 ± 0.660 $\chi^2/\text{NDF}: 15153.7/85$

- sign 198.556 ± 0.925 $\chi^2/\text{NDF}: 7196.9/42$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 41.740 $\pm$ 1.250 χ^2/NDF : 580.5/17

Left Out: 57.343 $\pm$ 0.956 χ^2/NDF : 641.5/24

Right Out: 37.049 $\pm$ 1.221 χ^2/NDF : 474.0/19

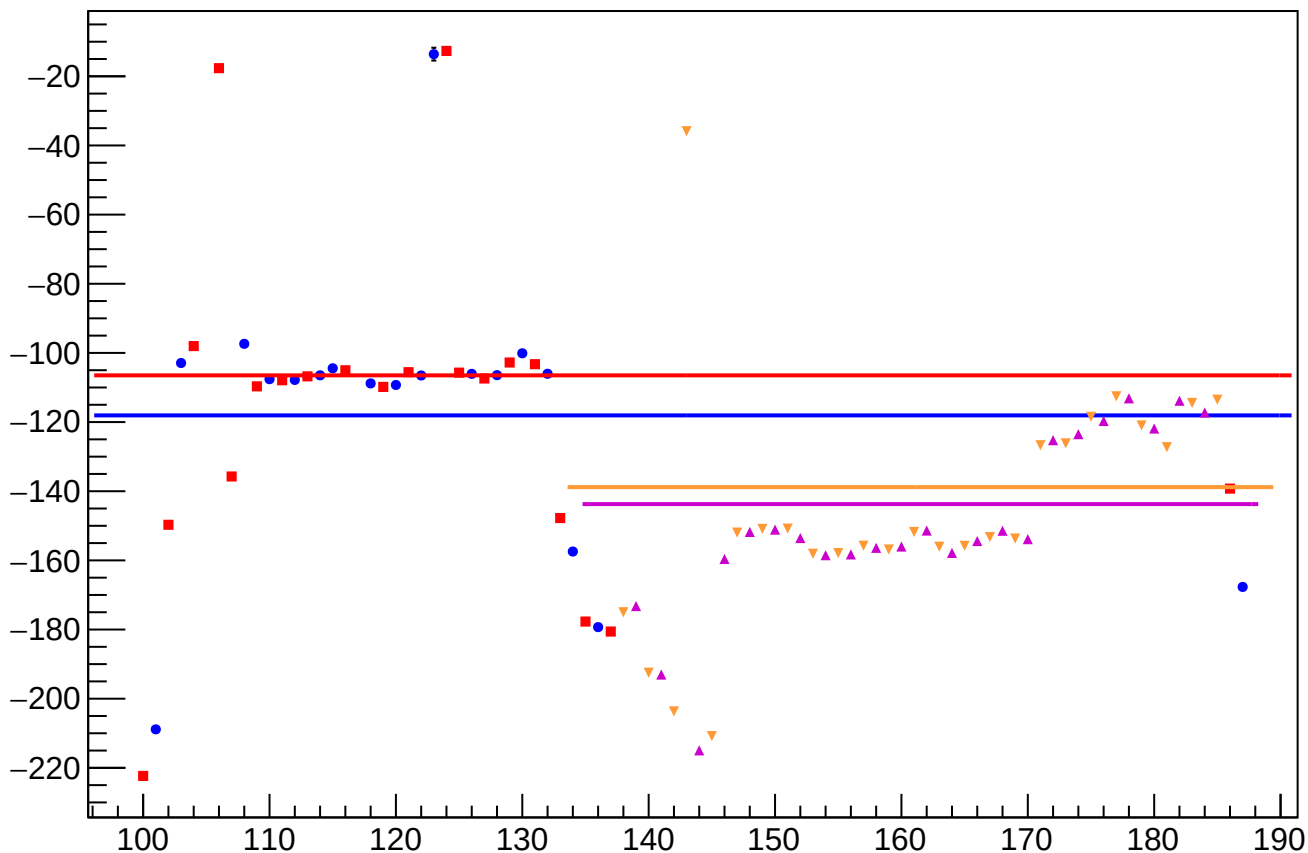
Left In: 60.392 $\pm$ 0.987 χ^2/NDF : 341.2/22

+ sign 51.582 $\pm$ 0.759 χ^2/NDF : 1320.3/42

All: 51.378 $\pm$ 0.540 χ^2/NDF : 2356.7/85

- sign 51.169 $\pm$ 0.768 χ^2/NDF : 1036.2/42

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -118.068+/-0.078 χ^2/NDF : 146572.9/17

Left Out: -138.821+/-0.045 χ^2/NDF : 525537.6/24

Right Out: -106.489+/-0.072 χ^2/NDF : 328057.3/19

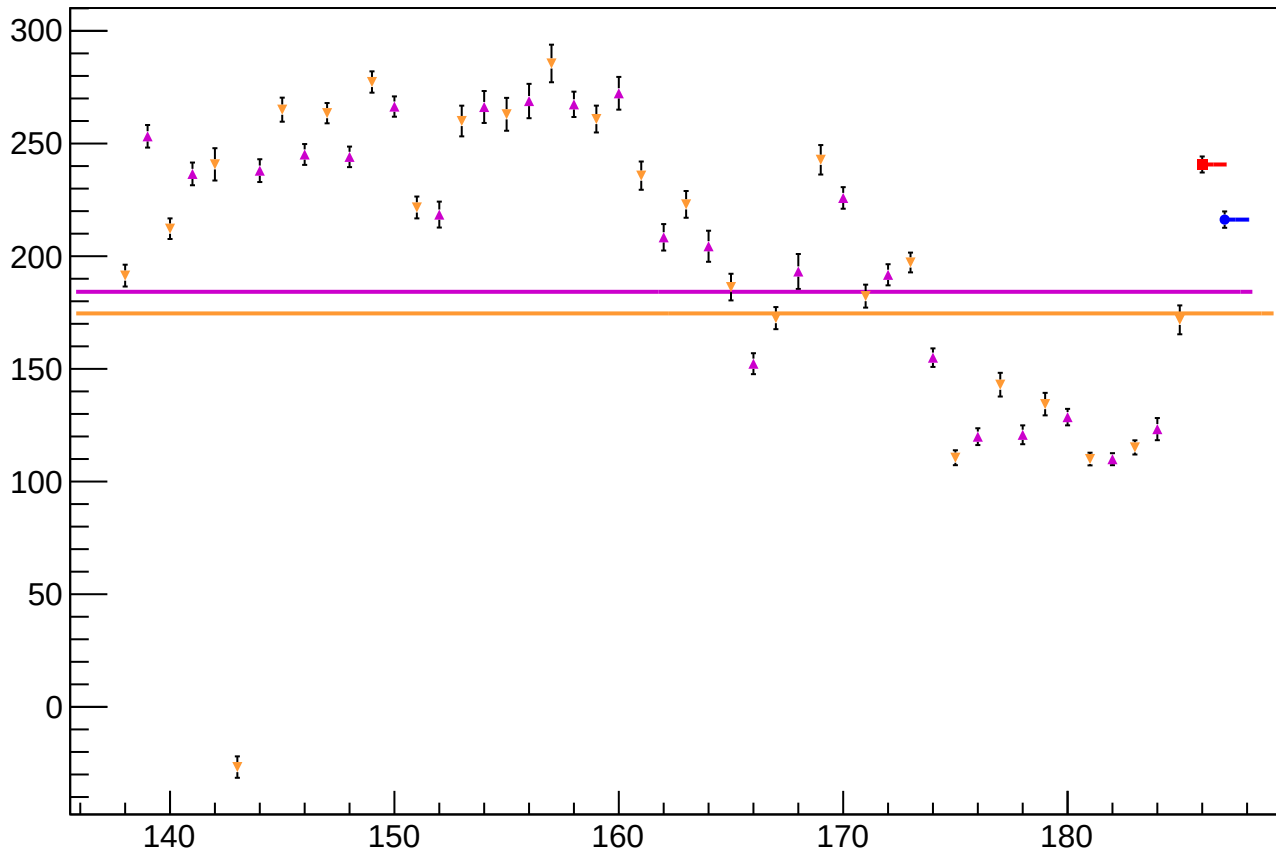
Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

+ sign -133.543+/-0.039 χ^2/NDF : 725478.5/42

All: -133.266+/-0.028 χ^2/NDF : 1504253.5/85

- sign -132.994+/-0.039 χ^2/NDF : 778675.6/42

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 216.242 $\pm$ 3.631 χ^2 /NDF: 0.0/0

Left Out: 174.613 $\pm$ 0.969 χ^2 /NDF:5551.3/24

Right Out: 240.702 $\pm$ 3.560 χ^2 /NDF: 0.0/0

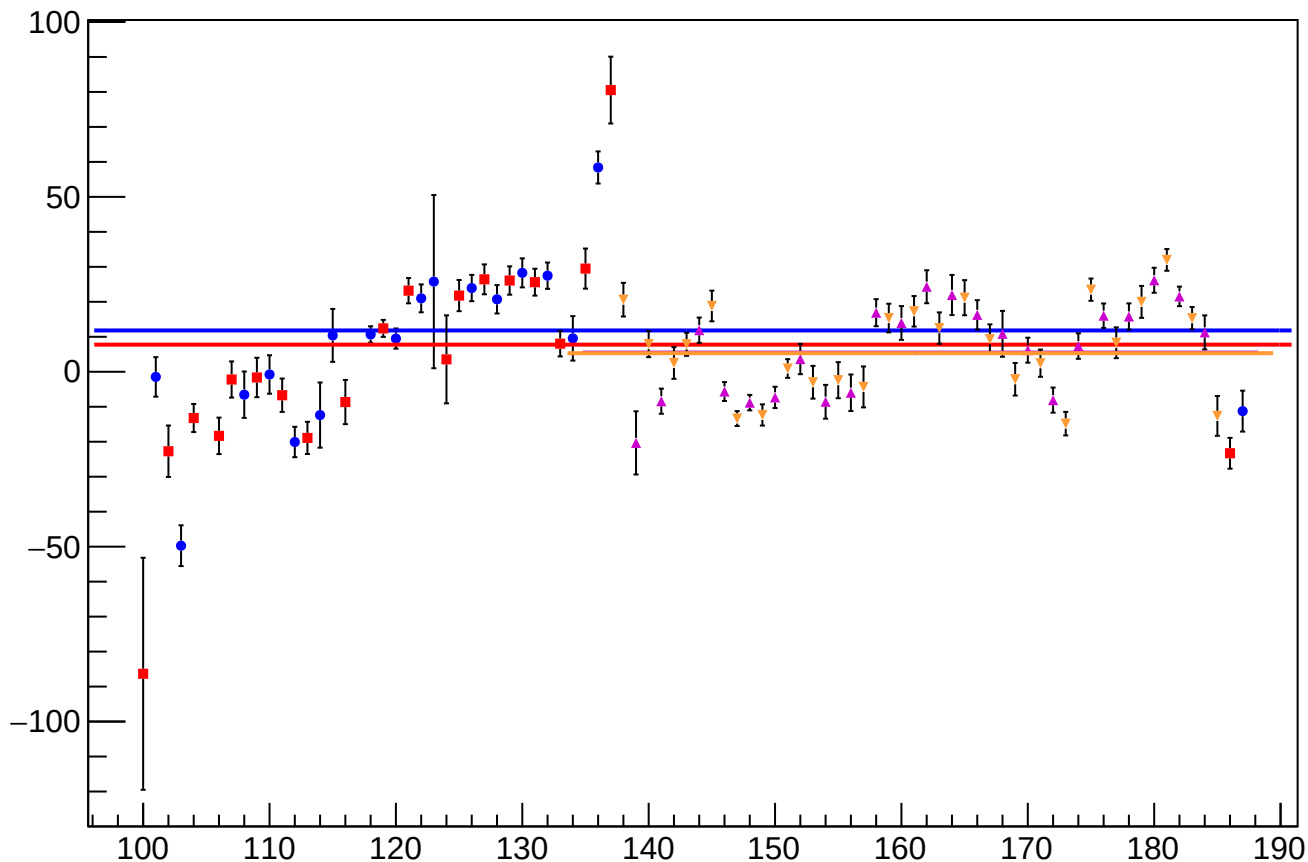
Left In: 184.205 $\pm$ 0.987 χ^2 /NDF:3637.1/22

+ sign 177.381 $\pm$ 0.936 χ^2 /NDF: 5674.0/25

All: 182.724 $\pm$ 0.667 χ^2 /NDF: 9611.2/49

- sign 188.236 $\pm$ 0.951 χ^2 /NDF: 3871.0/23

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 11.811 ± 1.039 $\chi^2/\text{NDF}: 363.8/17$

Left Out: 5.314 ± 0.750 $\chi^2/\text{NDF}: 345.1/24$

Right Out: 7.754 ± 1.022 $\chi^2/\text{NDF}: 348.7/19$

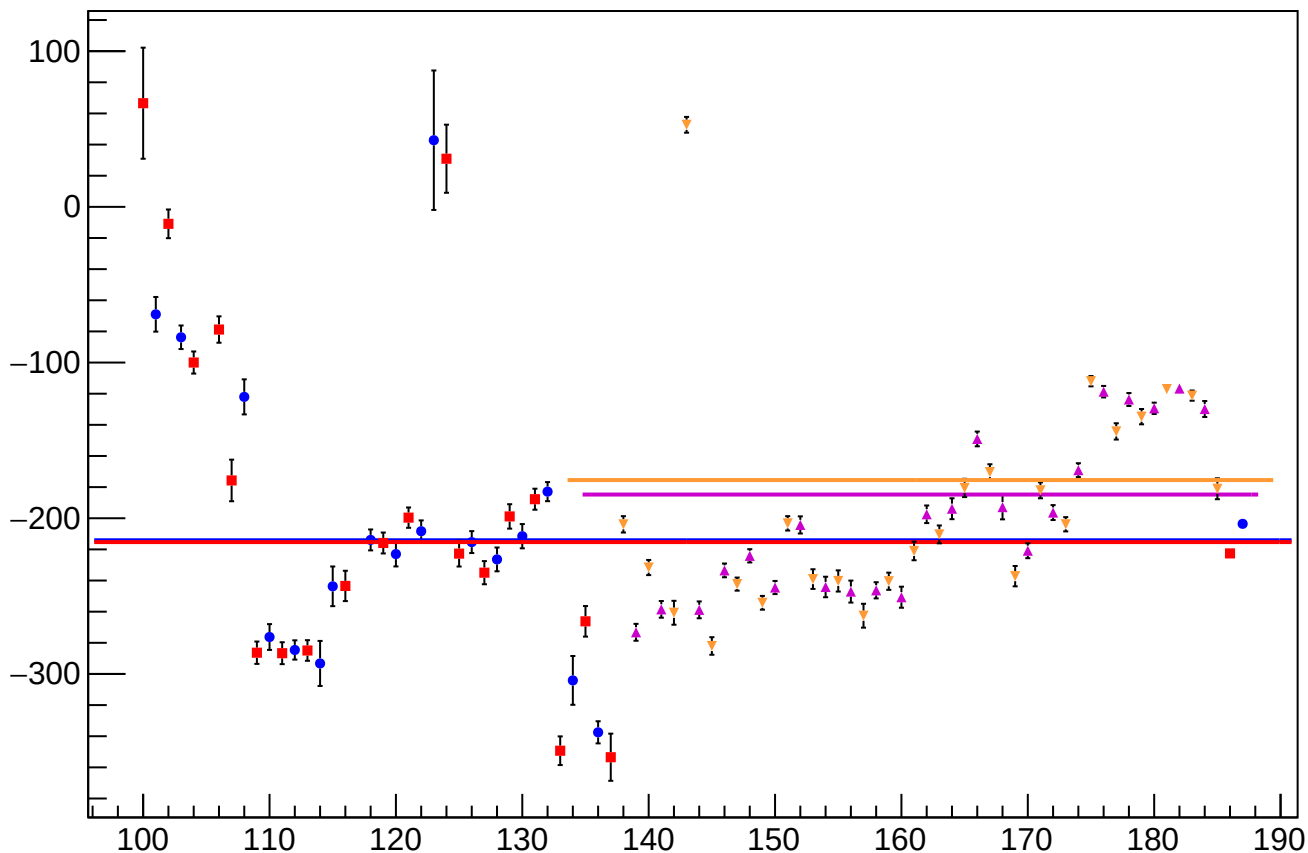
Left In: 5.483 ± 0.779 $\chi^2/\text{NDF}: 259.1/22$

+ sign 7.542 ± 0.608 $\chi^2/\text{NDF}: 734.6/42$

All: 6.941 ± 0.434 $\chi^2/\text{NDF}: 1347.5/85$

- sign 6.318 ± 0.619 $\chi^2/\text{NDF}: 610.9/42$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -214.147 ± 1.665 χ^2/NDF : 1164.8/17

Left Out: -175.470 ± 0.974 χ^2/NDF : 5103.8/24

Right Out: -215.304 ± 1.593 χ^2/NDF : 1895.7/19

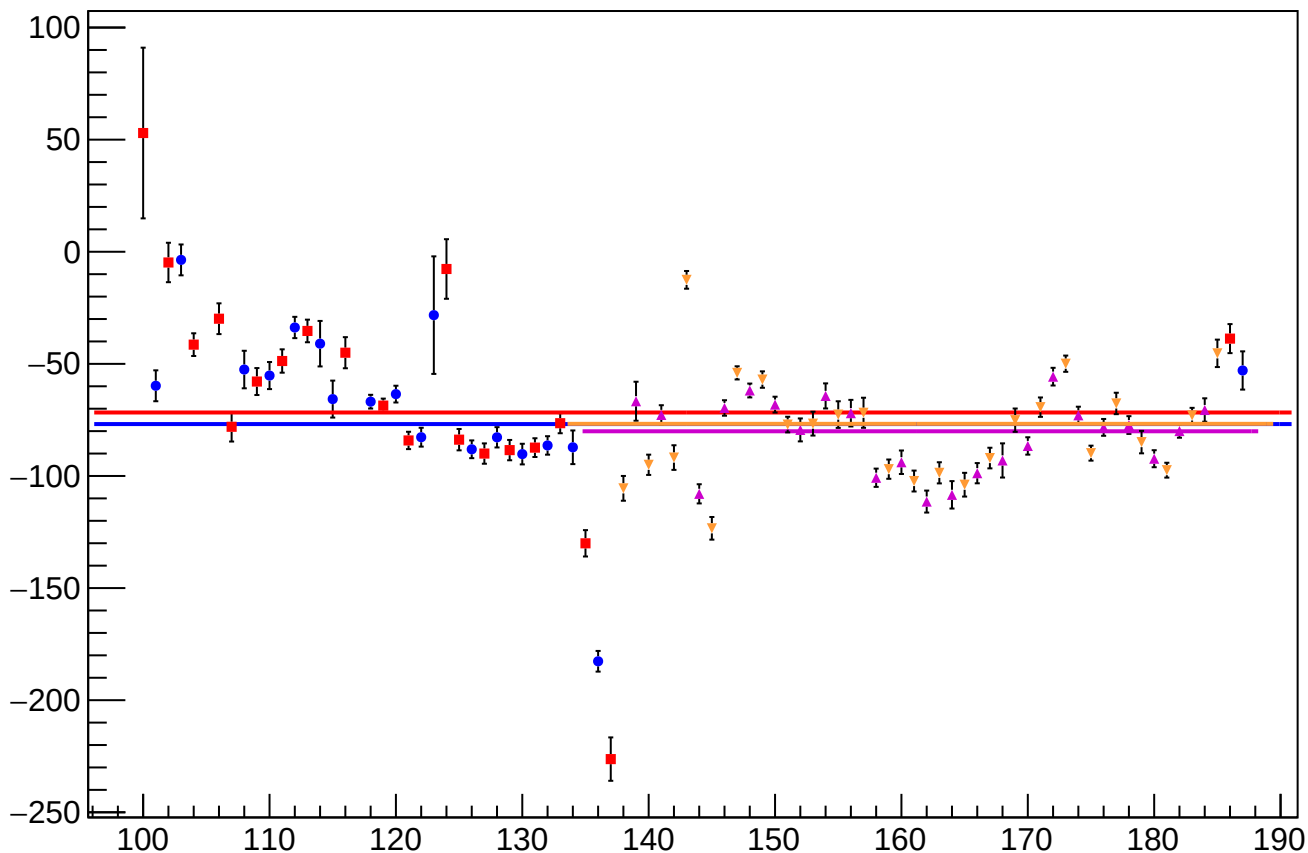
Left In: -184.774 ± 0.987 χ^2/NDF : 3082.4/22

+ sign -185.332 ± 0.841 χ^2/NDF : 6670.8/42

All: -189.292 ± 0.594 χ^2/NDF : 11958.6/85

- sign -193.238 ± 0.839 χ^2/NDF : 5243.5/42

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -76.853 ± 1.207 χ^2/NDF : 825.3/17

Left Out: -76.747 ± 0.861 χ^2/NDF : 746.8/24

Right Out: -71.688 ± 1.188 χ^2/NDF : 699.7/19

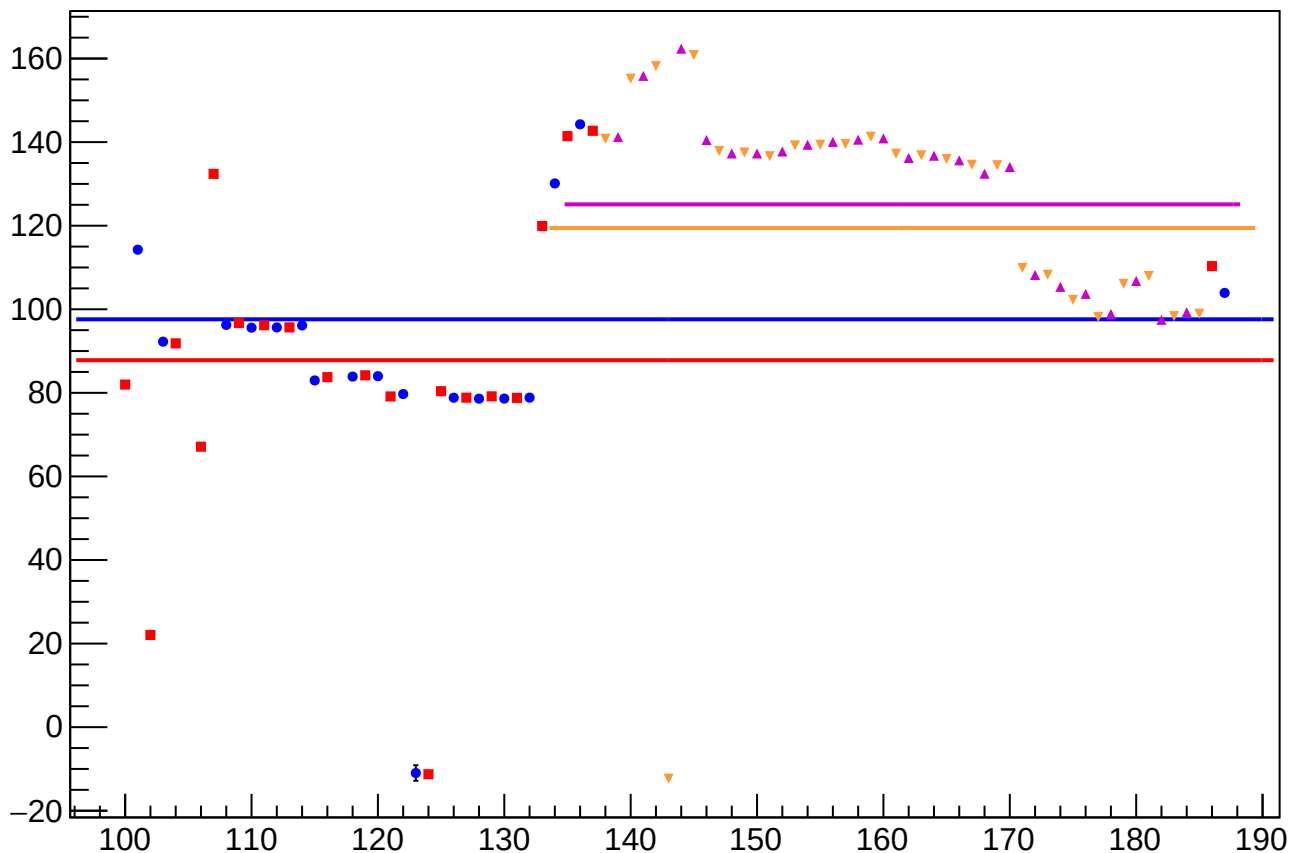
Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

+ sign -76.783 ± 0.701 χ^2/NDF : 1572.1/42

All: -76.925 ± 0.499 χ^2/NDF : 2590.6/85

- sign -77.072 ± 0.710 χ^2/NDF : 1018.4/42

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.598 $\pm$ 0.072 χ^2 /NDF: 94652.6/17

Left Out: 119.448 $\pm$ 0.041 χ^2 /NDF: 660075.8/24

Right Out: 87.812 $\pm$ 0.067 χ^2 /NDF: 224291.6/19

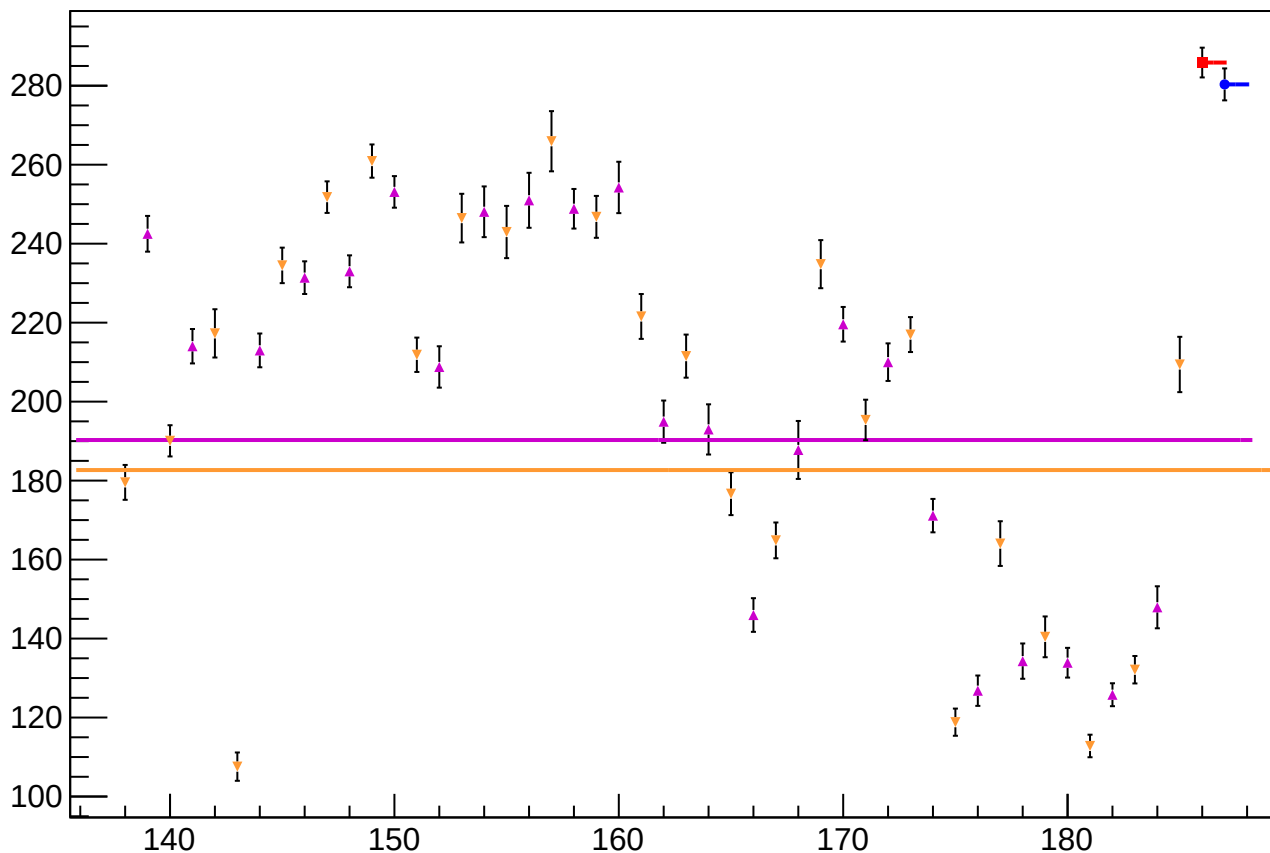
Left In: 125.101 $\pm$ 0.041 χ^2 /NDF: 222793.3/22

+ sign 114.219 $\pm$ 0.035 χ^2 /NDF: 823949.9/42

All: 114.621 $\pm$ 0.025 χ^2 /NDF: 1493940.9/85

- sign 115.016 $\pm$ 0.035 χ^2 /NDF: 669735.4/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 280.334 $\pm$ 4.047 χ^2 /NDF: 0.0/0

Left Out: 182.672 $\pm$ 0.919 χ^2 /NDF:3230.7/24

Right Out: 285.865 $\pm$ 3.768 χ^2 /NDF: 0.0/0

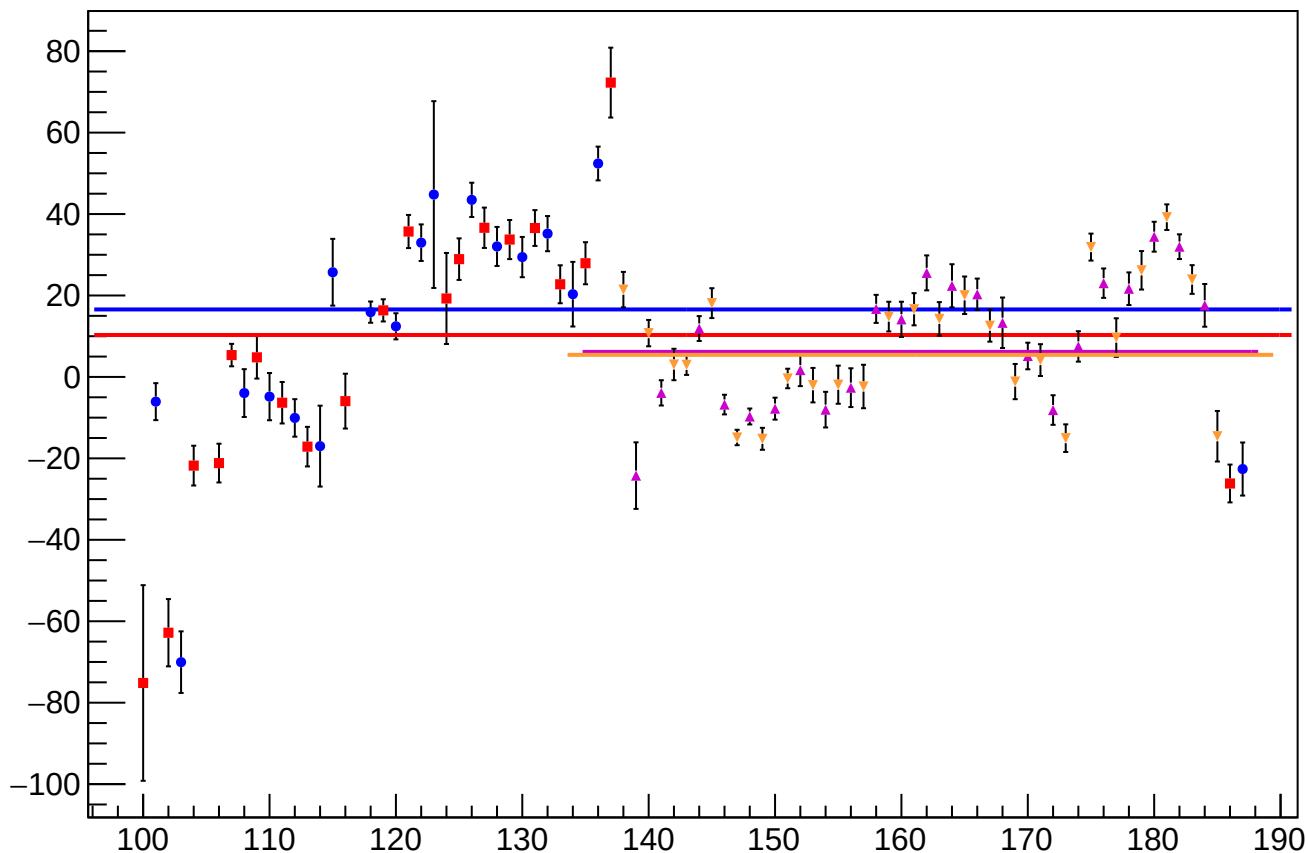
Left In: 190.279 $\pm$ 0.949 χ^2 /NDF:2452.9/22

+ sign 187.457 $\pm$ 0.896 χ^2 /NDF: 3784.5/25

All: 191.604 $\pm$ 0.642 χ^2 /NDF: 6886.6/49

- sign 195.980 $\pm$ 0.920 χ^2 /NDF: 3058.0/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 16.573+/-1.129 χ^2/NDF : 432.4/17

Left Out: 5.425+/-0.693 χ^2/NDF : 525.2/24

Right Out: 10.299+/-1.057 χ^2/NDF : 508.8/19

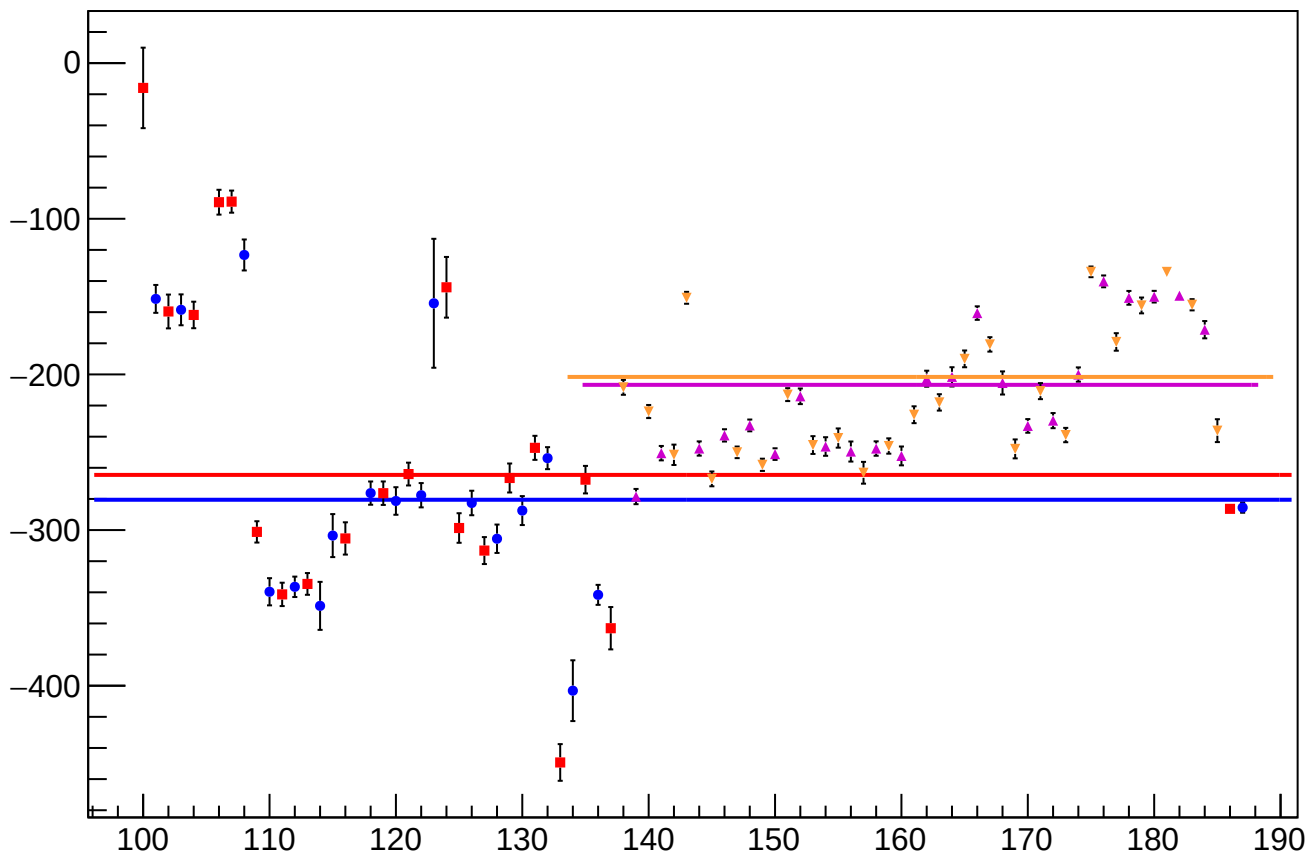
Left In: 6.151+/-0.730 χ^2/NDF : 410.6/22

+ sign 8.474+/-0.590 χ^2/NDF : 1028.4/42

All: 7.990+/-0.421 χ^2/NDF : 1959.6/85

- sign 7.489+/-0.601 χ^2/NDF : 929.8/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -280.527 ± 1.816 χ^2/NDF : 913.8/17

Left Out: -201.610 ± 0.922 χ^2/NDF : 2462.4/24

Right Out: -264.559 ± 1.676 χ^2/NDF : 2115.0/19

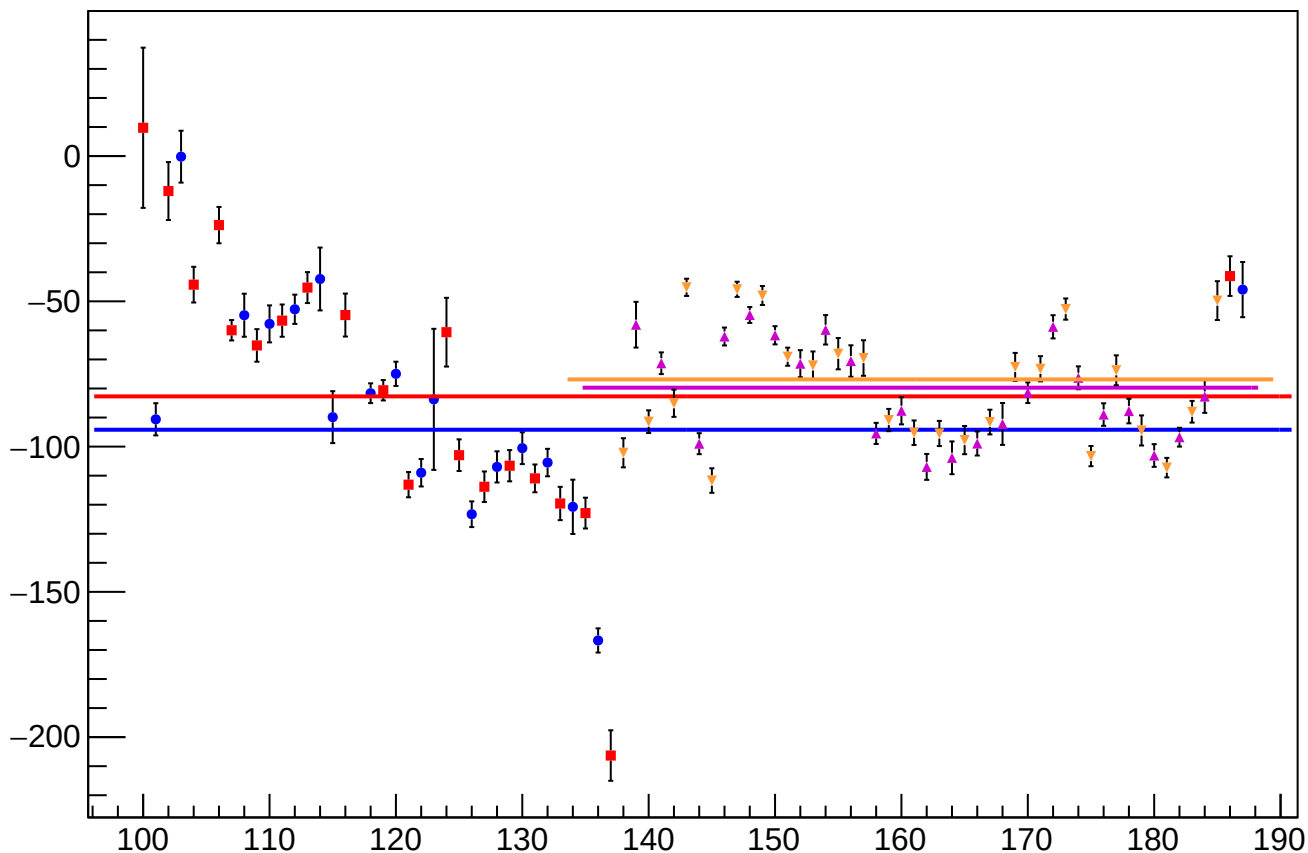
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ sign -217.800 ± 0.822 χ^2/NDF : 4877.7/42

All: -219.235 ± 0.582 χ^2/NDF : 10037.1/85

- sign -220.676 ± 0.824 χ^2/NDF : 5153.3/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -94.200+/-1.310 χ^2/NDF : 701.2/17

Left Out: -76.870+/-0.802 χ^2/NDF : 758.7/24

Right Out: -82.716+/-1.238 χ^2/NDF : 820.9/19

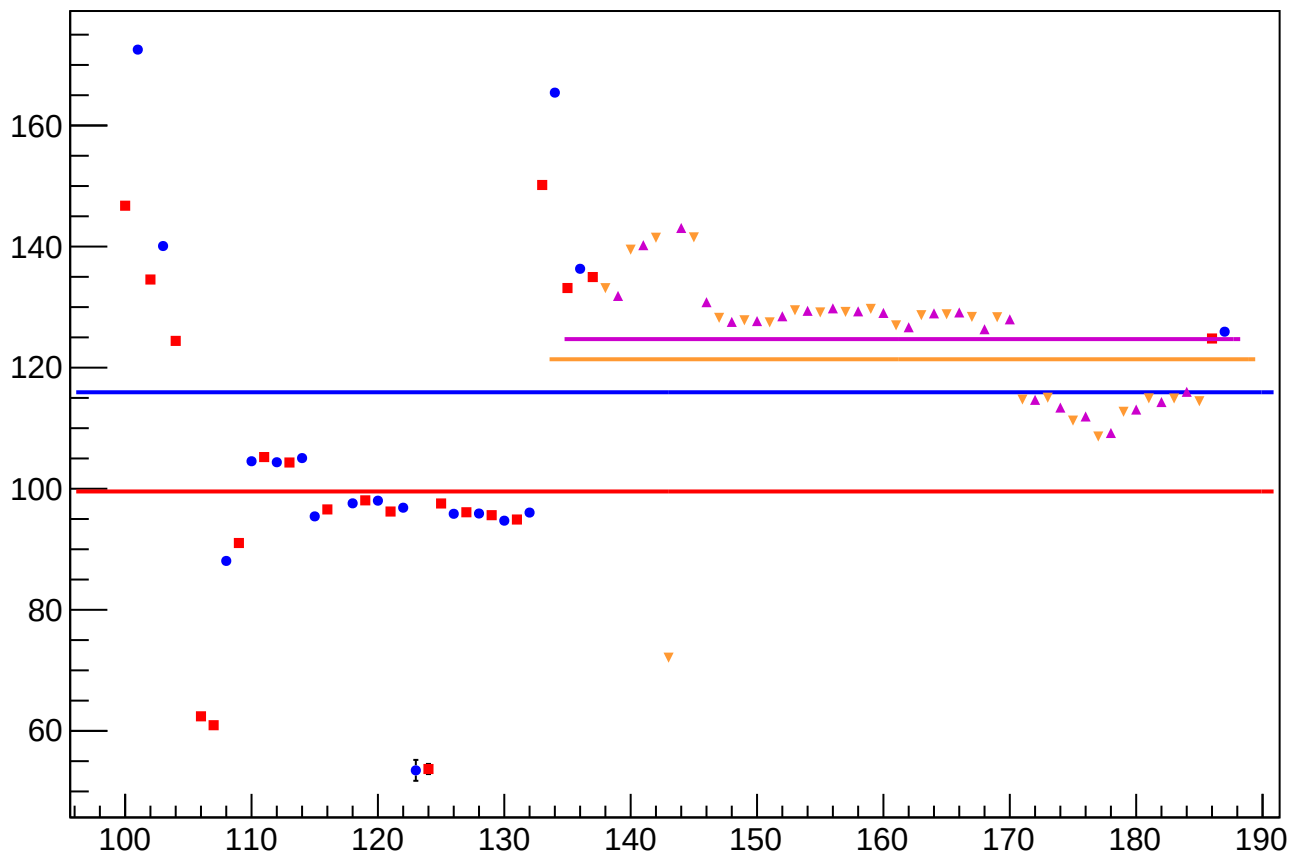
Left In: -79.719+/-0.837 χ^2/NDF : 415.2/22

+ sign -81.593+/-0.684 χ^2/NDF : 1587.3/42

All: -81.133+/-0.487 χ^2/NDF : 2828.3/85

- sign -80.660+/-0.694 χ^2/NDF : 1240.1/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.934 $\pm$ 0.077 χ^2 /NDF: 106741.9/17

Left Out: 121.385 $\pm$ 0.038 χ^2 /NDF:164871.1/24

Right Out: 99.547 $\pm$ 0.068 χ^2 /NDF: 176198.8/19

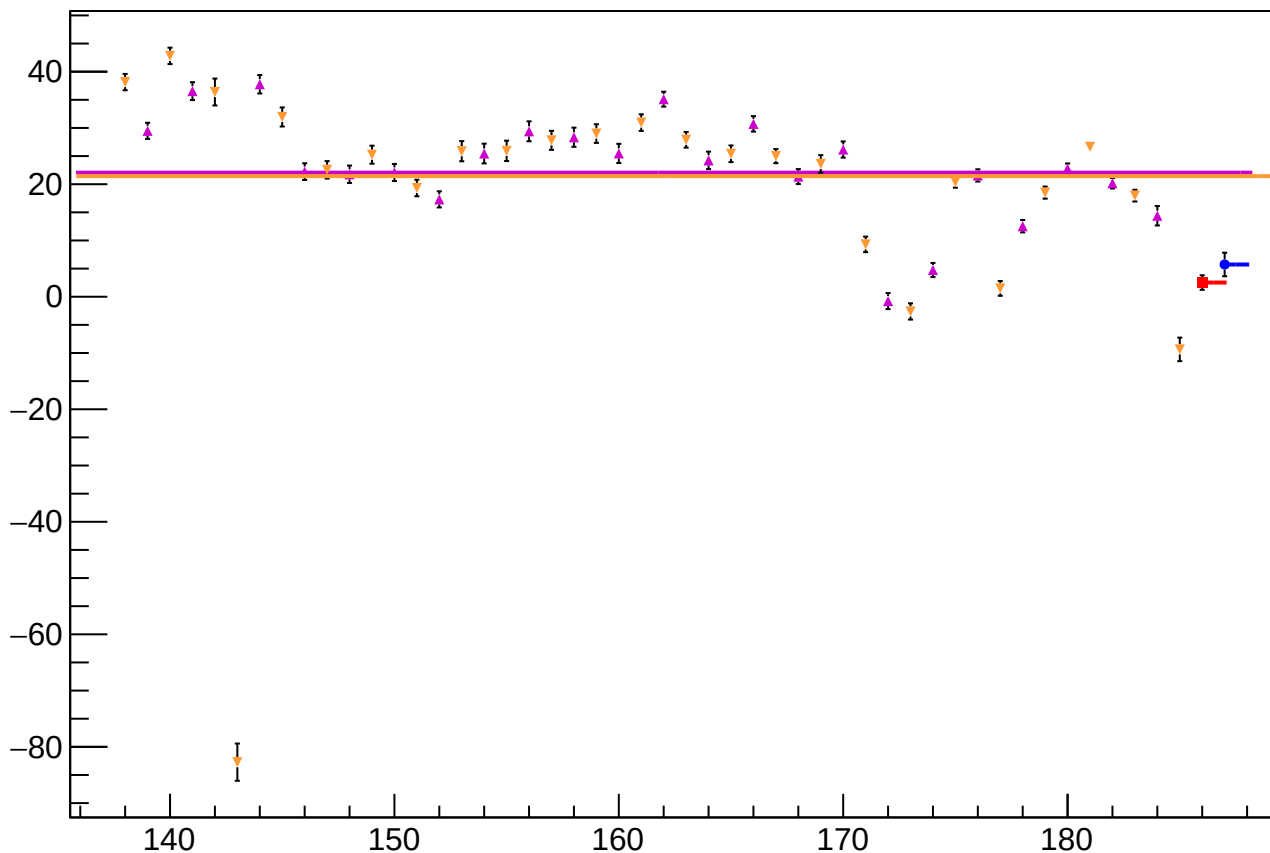
Left In: 124.714 $\pm$ 0.039 χ^2 /NDF:51750.7/22

+ sign 120.310 $\pm$ 0.034 χ^2 /NDF: 275617.7/42

All: 119.365 $\pm$ 0.024 χ^2 /NDF: 608403.5/85

- sign 118.444 $\pm$ 0.034 χ^2 /NDF: 331285.4/42

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 5.730 ± 2.097 χ^2/NDF : 0.0/0

Left Out: 21.435 ± 0.283 χ^2/NDF : 2406.2/24

Right Out: 2.522 ± 1.295 χ^2/NDF : 0.0/0

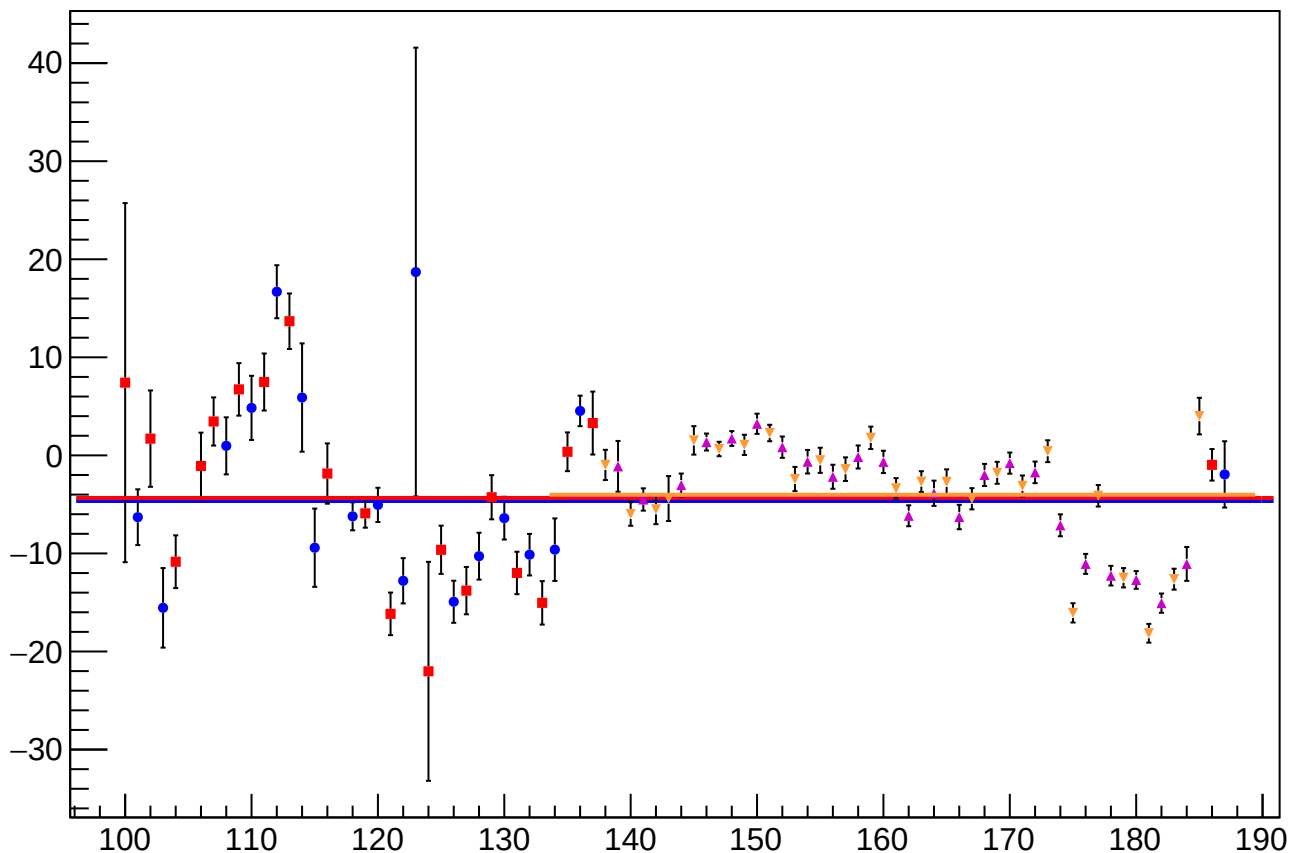
Left In: 22.055 ± 0.284 χ^2/NDF : 941.3/22

+ sign 21.155 ± 0.280 χ^2/NDF : 2461.3/25

All: 21.156 ± 0.197 χ^2/NDF : 3619.6/49

- sign 21.157 ± 0.278 χ^2/NDF : 1158.3/23

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.650 ± 0.571 χ^2/NDF : 175.5/17

Left Out: -4.015 ± 0.223 χ^2/NDF : 731.7/24

Right Out: -4.344 ± 0.550 χ^2/NDF : 198.5/19

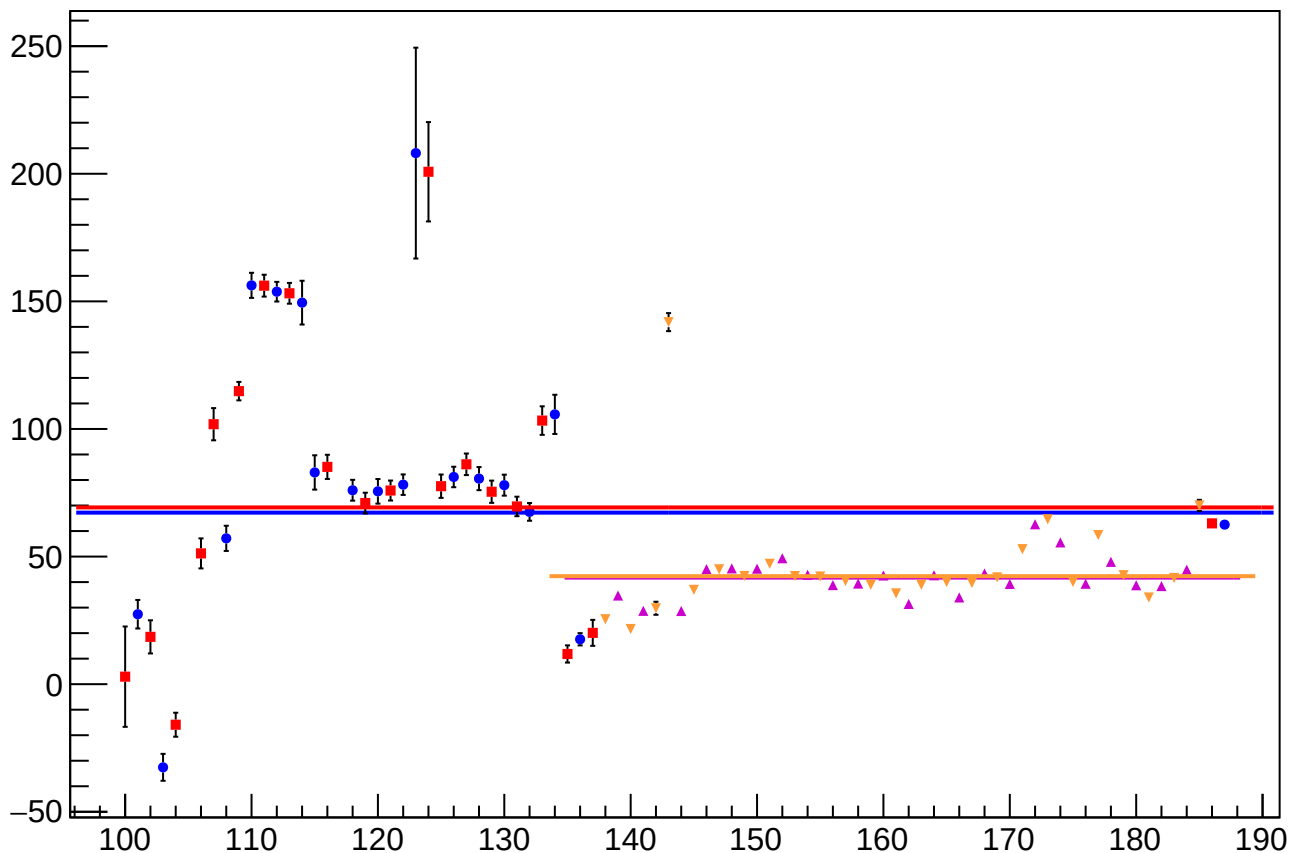
Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

+ sign -4.099 ± 0.208 χ^2/NDF : 908.2/42

All: -4.104 ± 0.148 χ^2/NDF : 1687.0/85

- sign -4.109 ± 0.210 χ^2/NDF : 778.8/42

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 67.214 $\pm$ 0.913 χ^2 /NDF: 1858.2/17

Left Out: 42.322 $\pm$ 0.282 χ^2 /NDF: 1855.5/24

Right Out: 69.259 $\pm$ 0.745 χ^2 /NDF: 1969.4/19

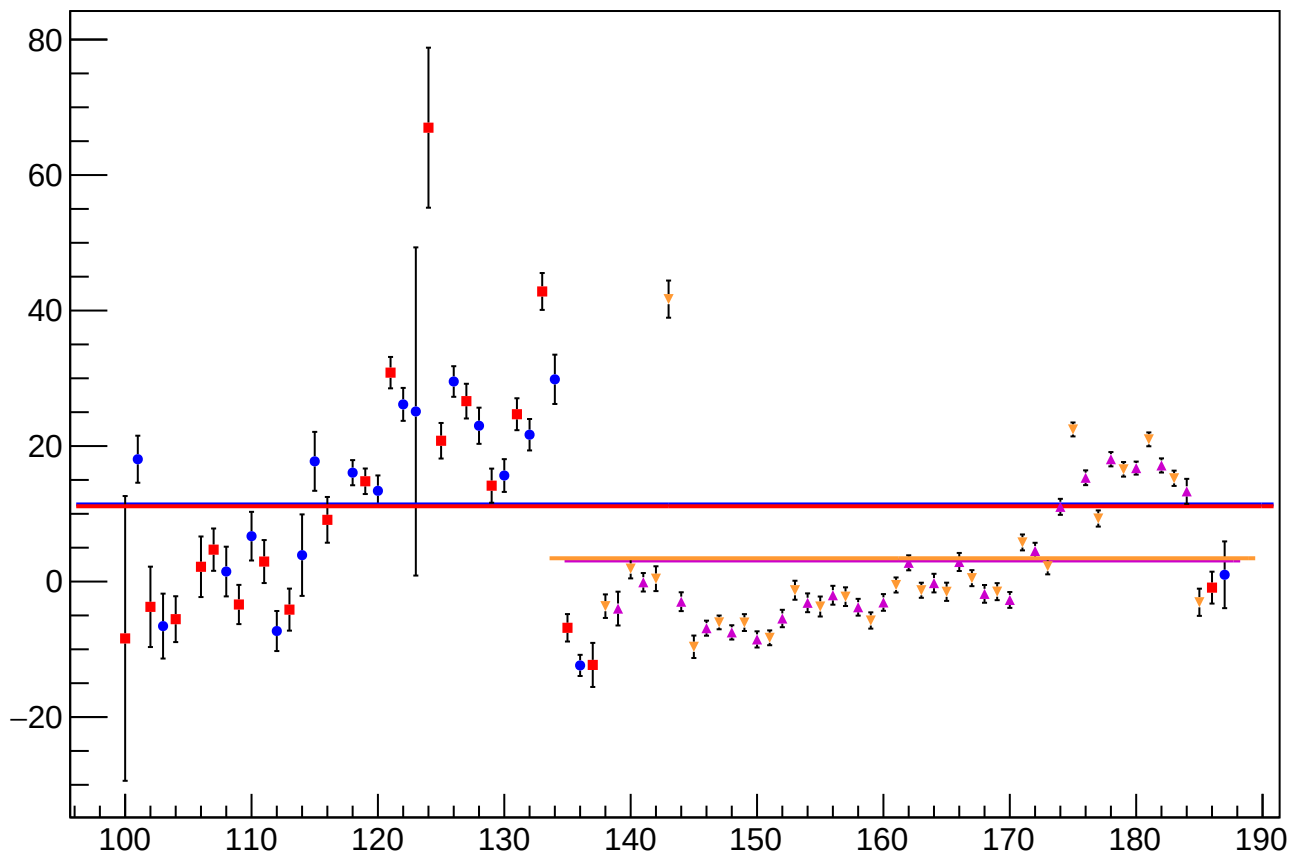
Left In: 41.755 $\pm$ 0.283 χ^2 /NDF: 659.6/22

+ sign 44.491 $\pm$ 0.270 χ^2 /NDF: 4392.1/42

All: 44.863 $\pm$ 0.189 χ^2 /NDF: 8215.1/85

- sign 45.221 $\pm$ 0.265 χ^2 /NDF: 3819.2/42

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.380 $\pm$ 0.652 χ^2 /NDF: 482.7/17

Left Out: 3.439 $\pm$ 0.252 χ^2 /NDF:1647.7/24

Right Out: 11.114 $\pm$ 0.640 χ^2 /NDF: 571.4/19

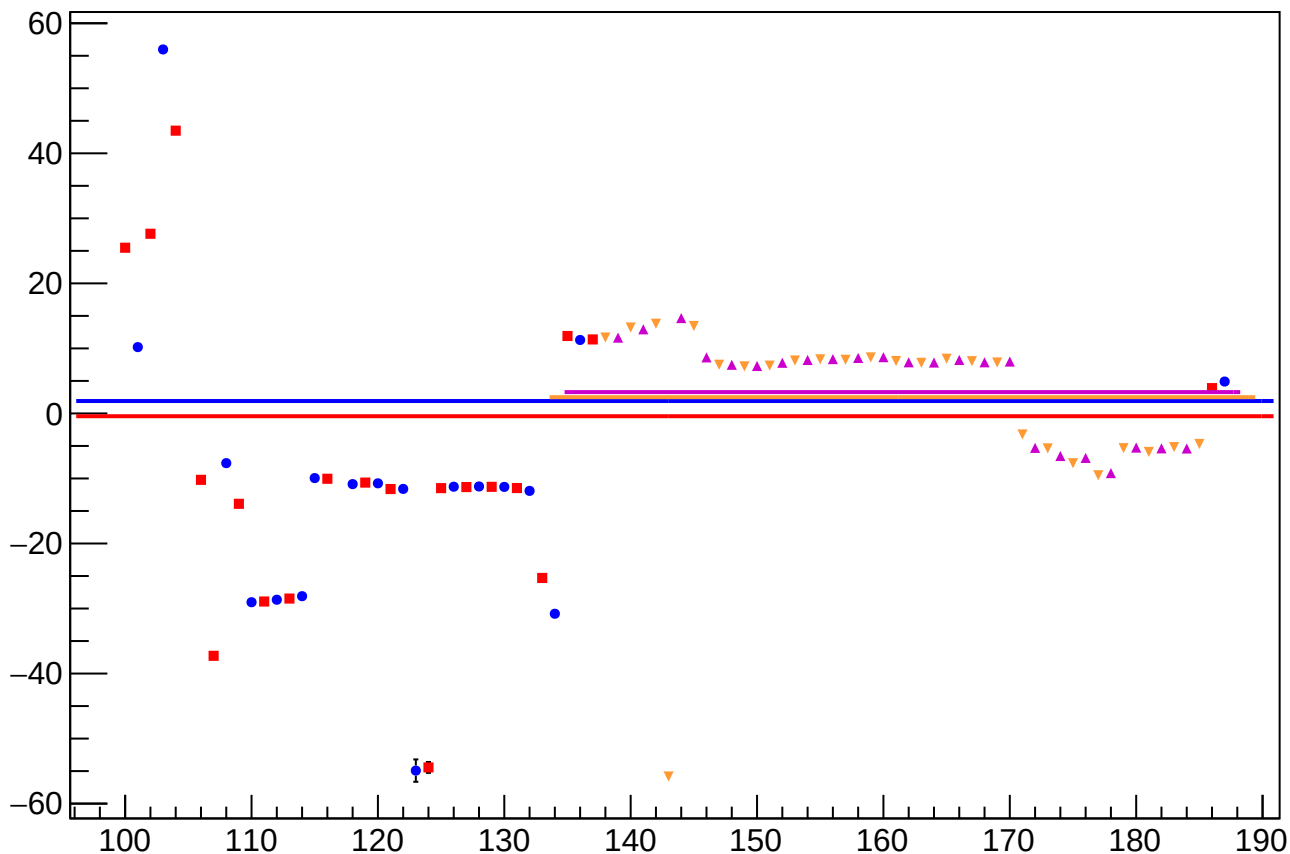
Left In: 3.114 $\pm$ 0.256 χ^2 /NDF:1273.1/22

+ sign 4.473 $\pm$ 0.235 χ^2 /NDF: 2259.2/42

All: 4.349 $\pm$ 0.167 χ^2 /NDF: 4239.1/85

- sign 4.221 $\pm$ 0.238 χ^2 /NDF: 1979.3/42

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 1.909 ± 0.037 χ^2/NDF : 359532.7/17

Left Out: 2.497 ± 0.012 χ^2/NDF : 588138.5/24

Right Out: -0.427 ± 0.036 χ^2/NDF : 362341.6/19

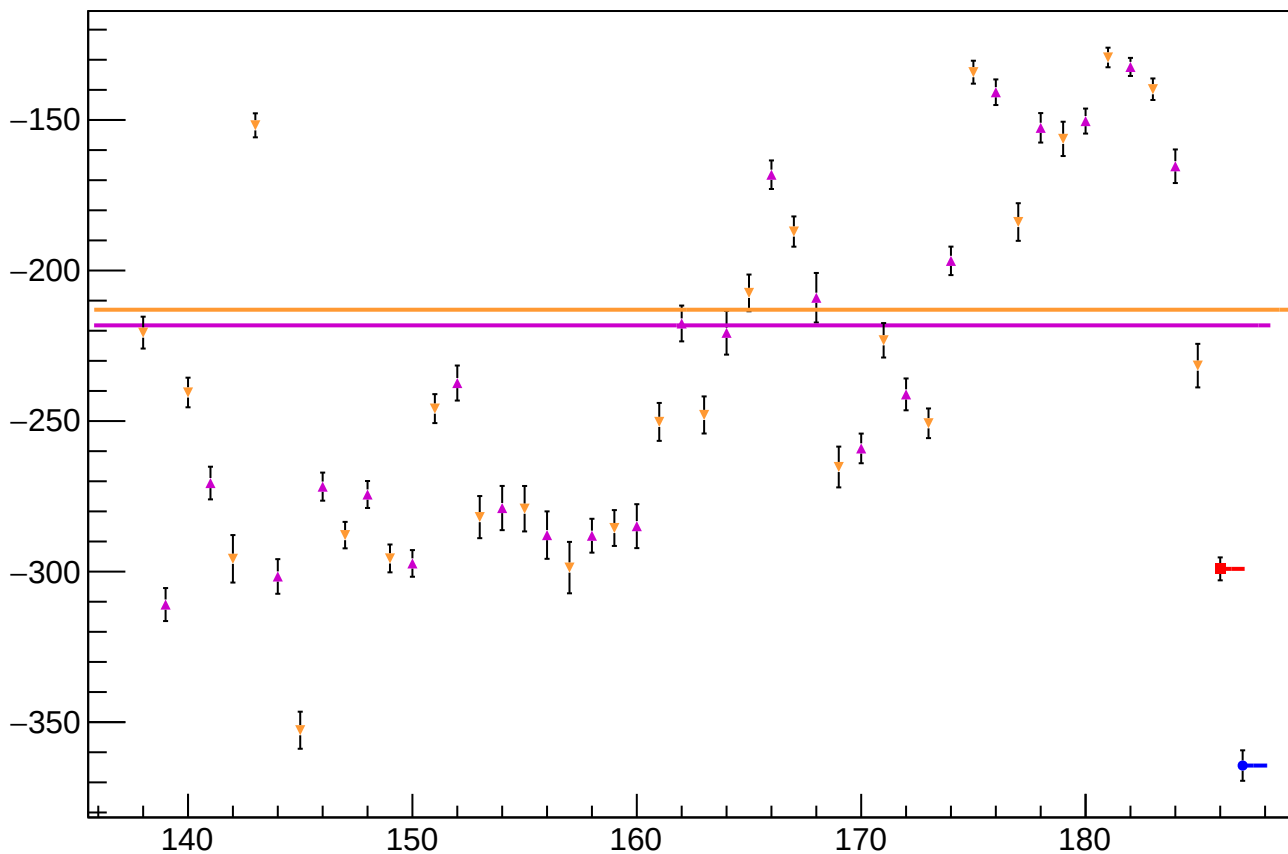
Left In: 3.281 ± 0.012 χ^2/NDF : 409605.3/22

+ sign 2.443 ± 0.011 χ^2/NDF : 947905.0/42

All: 2.689 ± 0.008 χ^2/NDF : 1730379.8/85

- sign 2.935 ± 0.011 χ^2/NDF : 781484.8/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -364.416 $\pm$ 5.062 χ^2 /NDF: 0.0/0

Left Out: -213.020 $\pm$ 1.035 χ^2 /NDF:3826.2/24

Right Out: -299.089 $\pm$ 3.810 χ^2 /NDF: 0.0/0

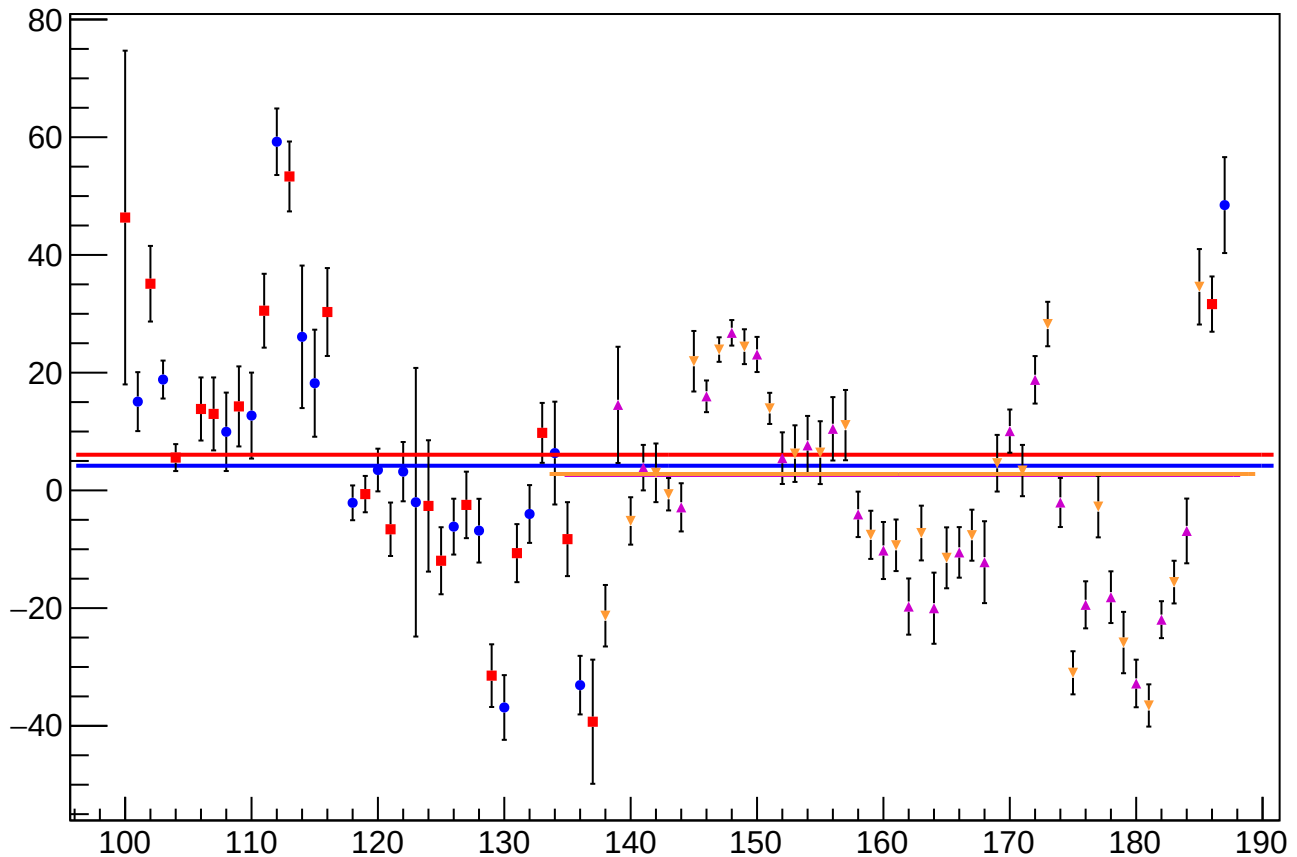
Left In: -218.216 $\pm$ 1.063 χ^2 /NDF:3499.0/22

+ sign -219.100 $\pm$ 1.014 χ^2 /NDF: 4684.9/25

All: -221.555 $\pm$ 0.721 χ^2 /NDF: 8613.7/49

- sign -224.055 $\pm$ 1.024 χ^2 /NDF: 3917.0/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 4.189 ± 1.212 χ^2/NDF : 285.8/17

Left Out: 2.786 ± 0.780 χ^2/NDF : 582.0/24

Right Out: 6.059 ± 1.126 χ^2/NDF : 256.9/19

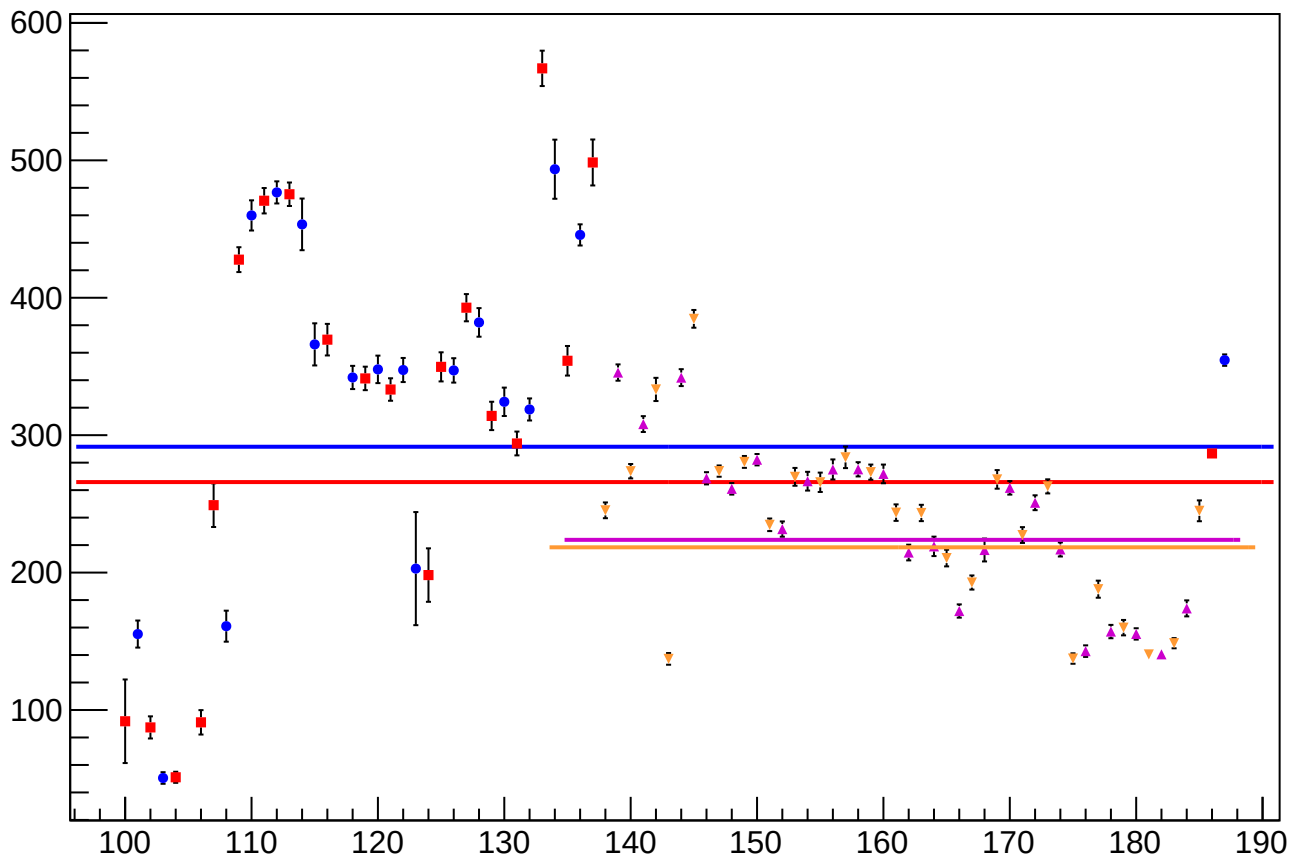
Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

+ sign 3.197 ± 0.656 χ^2/NDF : 868.8/42

All: 3.501 ± 0.466 χ^2/NDF : 1609.9/85

- sign 3.812 ± 0.663 χ^2/NDF : 740.6/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 291.580 ± 1.938 $\chi^2/\text{NDF}: 5405.6/17$

Left Out: 218.389 ± 1.038 $\chi^2/\text{NDF}: 3696.7/24$

Right Out: 265.864 ± 1.717 $\chi^2/\text{NDF}: 6513.0/19$

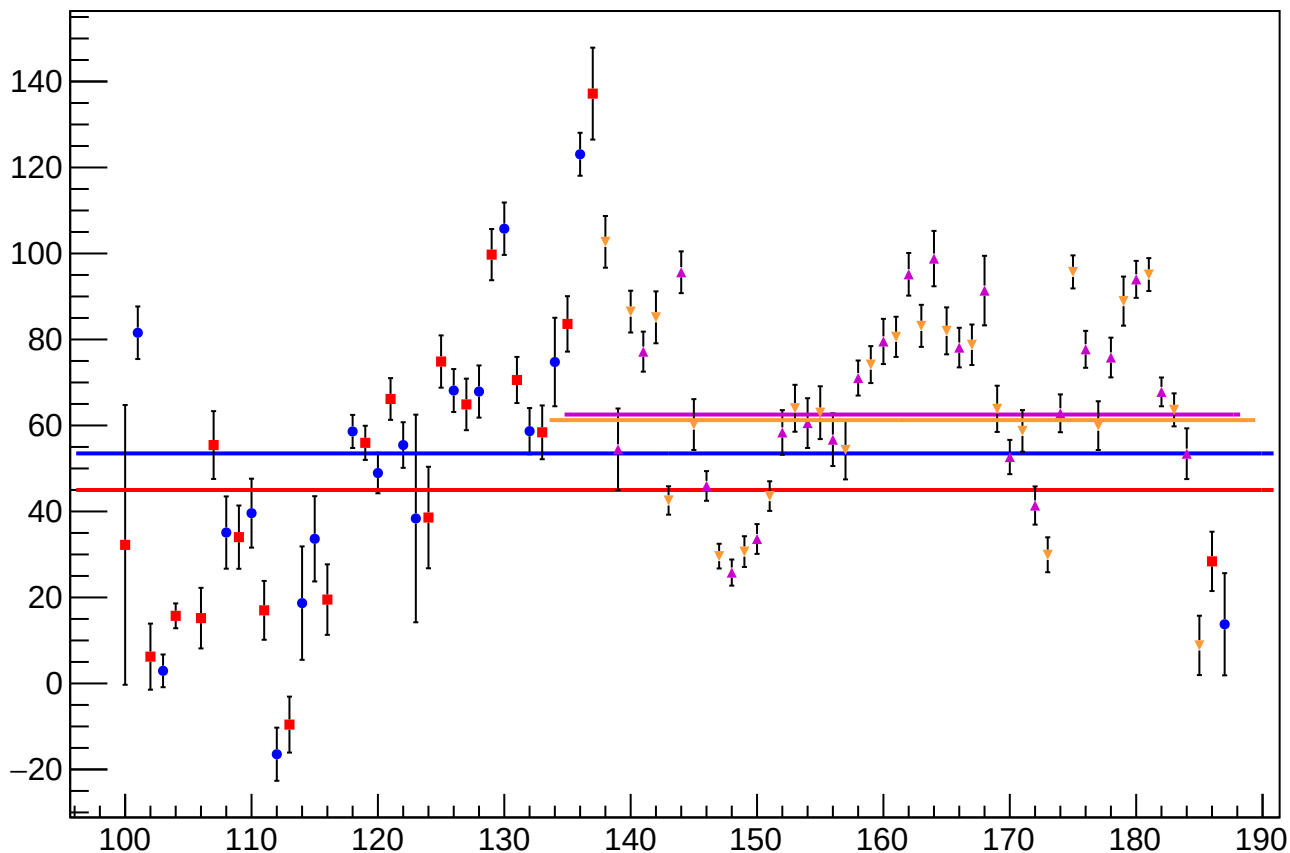
Left In: 223.827 ± 1.058 $\chi^2/\text{NDF}: 3444.7/22$

+ sign 234.694 ± 0.915 $\chi^2/\text{NDF}: 10210.5/42$

All: 235.055 ± 0.642 $\chi^2/\text{NDF}: 20602.9/85$

- sign 235.404 ± 0.901 $\chi^2/\text{NDF}: 10392.1/42$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 53.497 $\pm$ 1.410 χ^2 /NDF: 645.7/17

Left Out: 61.240 $\pm$ 0.903 χ^2 /NDF: 718.8/24

Right Out: 44.992 $\pm$ 1.333 χ^2 /NDF: 536.8/19

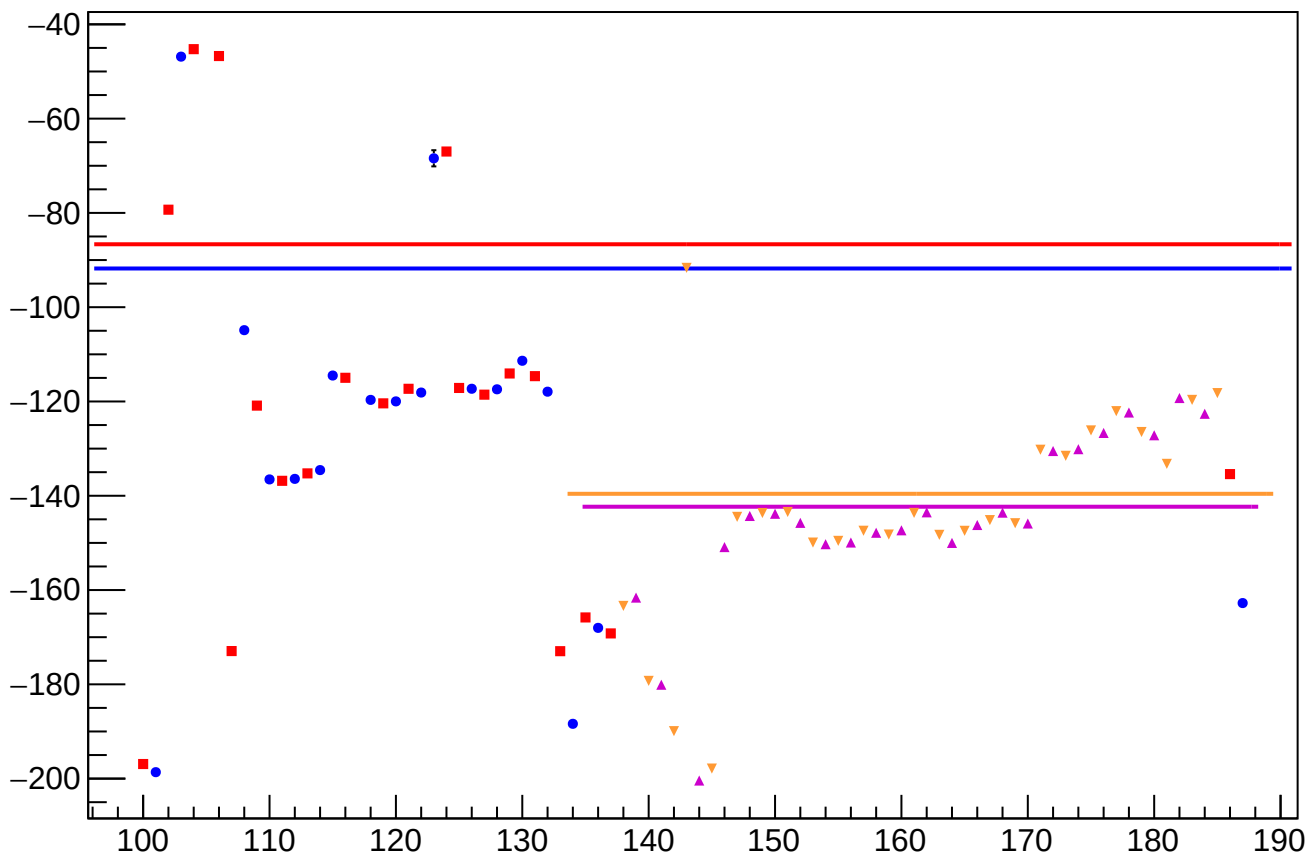
Left In: 62.538 $\pm$ 0.940 χ^2 /NDF: 520.0/22

+ sign 58.990 $\pm$ 0.760 χ^2 /NDF: 1386.0/42

All: 57.863 $\pm$ 0.540 χ^2 /NDF: 2562.8/85

- sign 56.711 $\pm$ 0.768 χ^2 /NDF: 1172.4/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.790 $\pm$ 0.067 χ^2/NDF : 545916.8/17

Left Out: -139.585 $\pm$ 0.043 χ^2/NDF : 243895.1/24

Right Out: -86.652 $\pm$ 0.064 χ^2/NDF : 505856.2/19

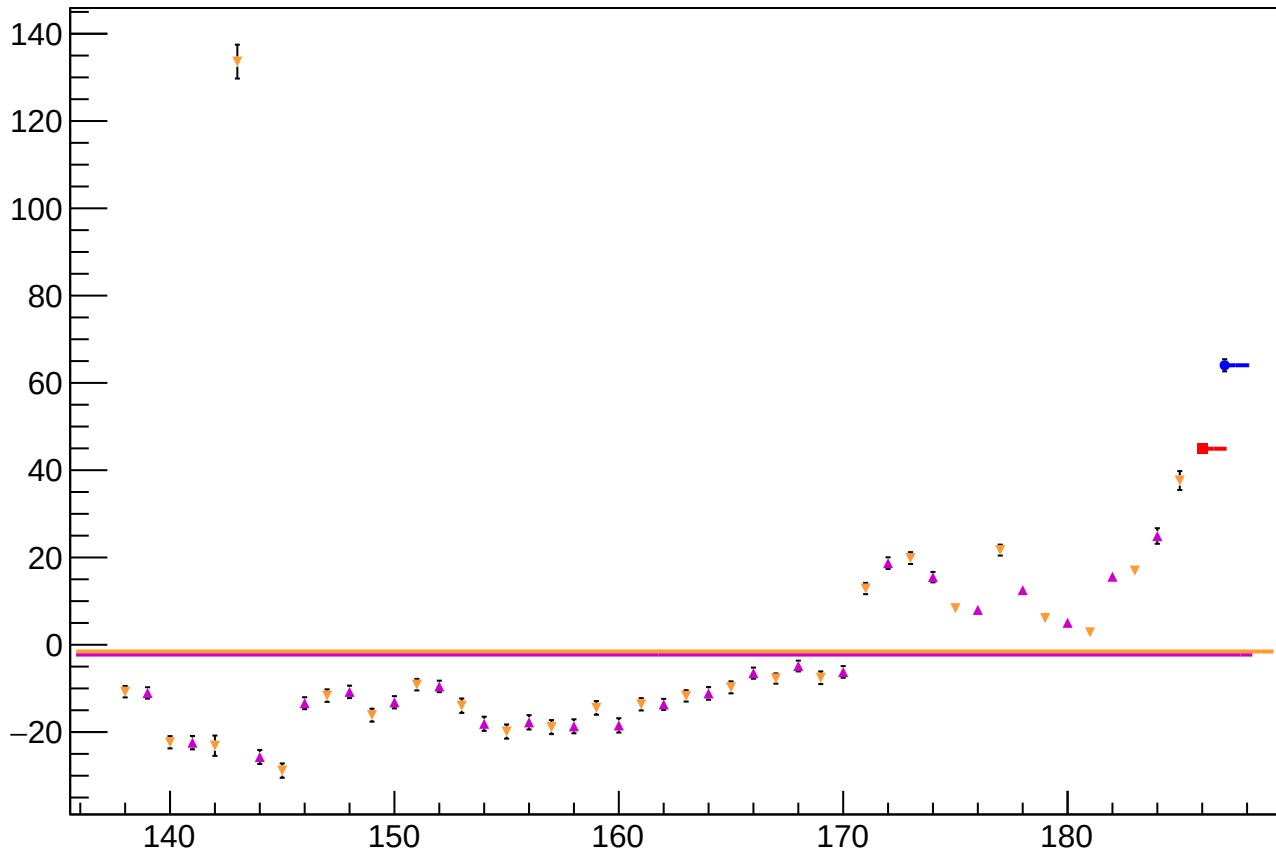
Left In: -142.326 $\pm$ 0.044 χ^2/NDF : 144642.3/22

+ sign -125.652 $\pm$ 0.036 χ^2/NDF : 1148290.8/42

All: -125.171 $\pm$ 0.026 χ^2/NDF : 2308454.4/85

- sign -124.690 $\pm$ 0.036 χ^2/NDF : 1159812.0/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 64.039+/-1.393 χ^2/NDF : 0.0/0

Left Out: -1.540+/-0.268 χ^2/NDF : 4129.1/24

Right Out: 44.920+/-0.865 χ^2/NDF : 0.0/0

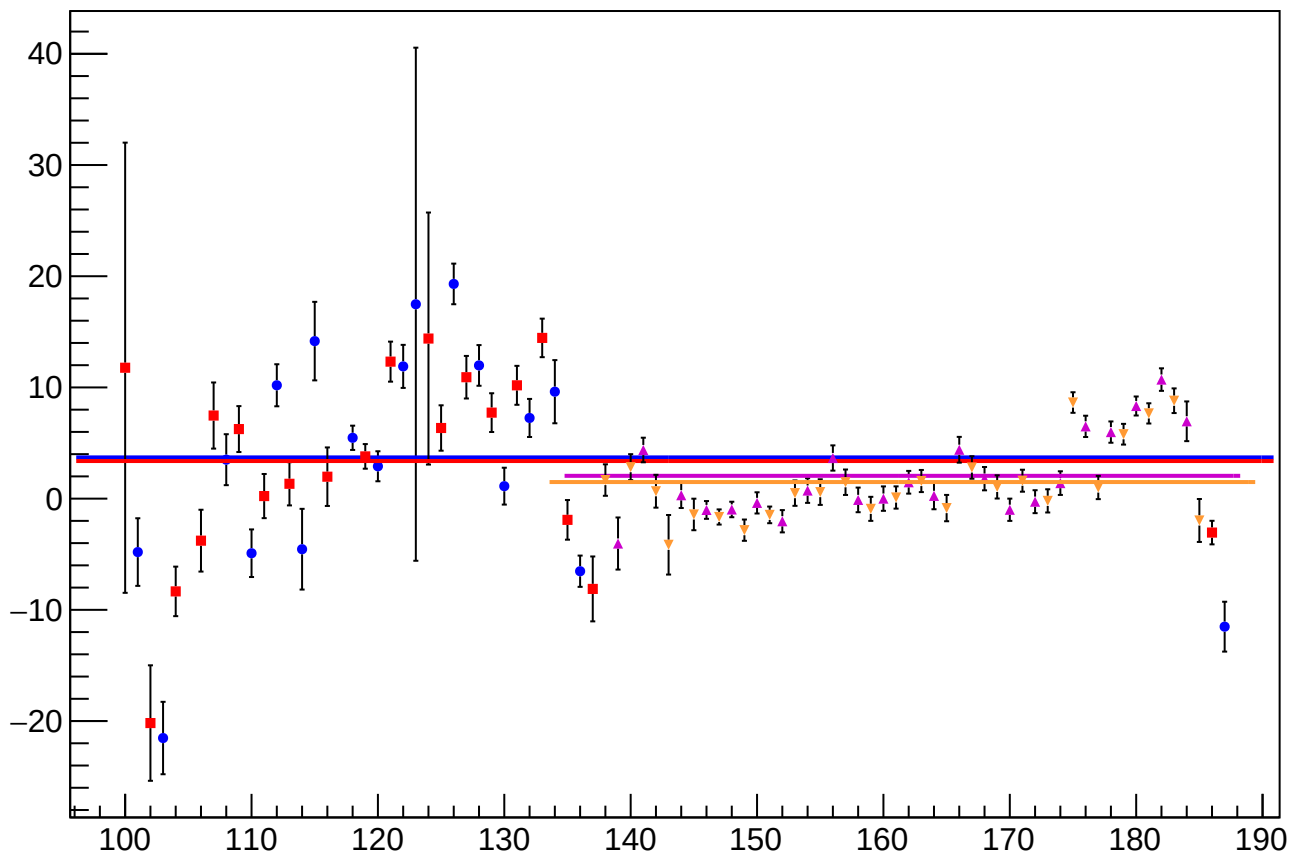
Left In: -2.244+/-0.270 χ^2/NDF : 2561.6/22

+ sign 0.796+/-0.263 χ^2/NDF : 6267.1/25

All: 1.377+/-0.184 χ^2/NDF : 11549.7/49

- sign 1.933+/-0.257 χ^2/NDF : 5273.1/23

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 3.708 ± 0.455 χ^2/NDF : 334.6/17

Left Out: 1.492 ± 0.210 χ^2/NDF : 258.3/24

Right Out: 3.381 ± 0.433 χ^2/NDF : 229.7/19

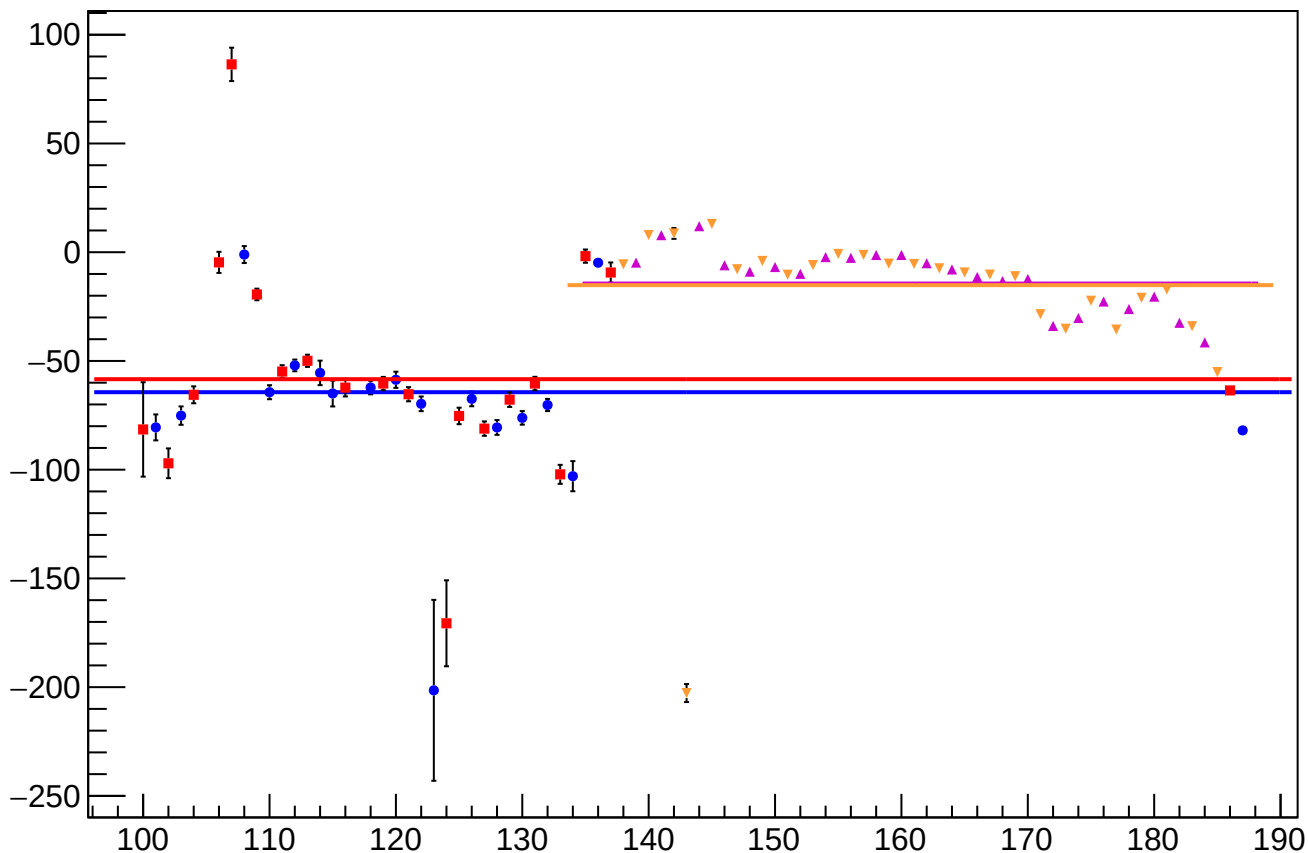
Left In: 2.051 ± 0.215 χ^2/NDF : 275.4/22

+ sign 1.883 ± 0.191 χ^2/NDF : 612.5/42

All: 2.097 ± 0.136 χ^2/NDF : 1127.6/85

- sign 2.314 ± 0.192 χ^2/NDF : 512.6/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -64.370 $\pm$ 0.689 χ^2 /NDF: 1382.6/17

Left Out: -15.140 $\pm$ 0.267 χ^2 /NDF: 4451.9/24

Right Out: -58.385 $\pm$ 0.538 χ^2 /NDF: 1466.4/19

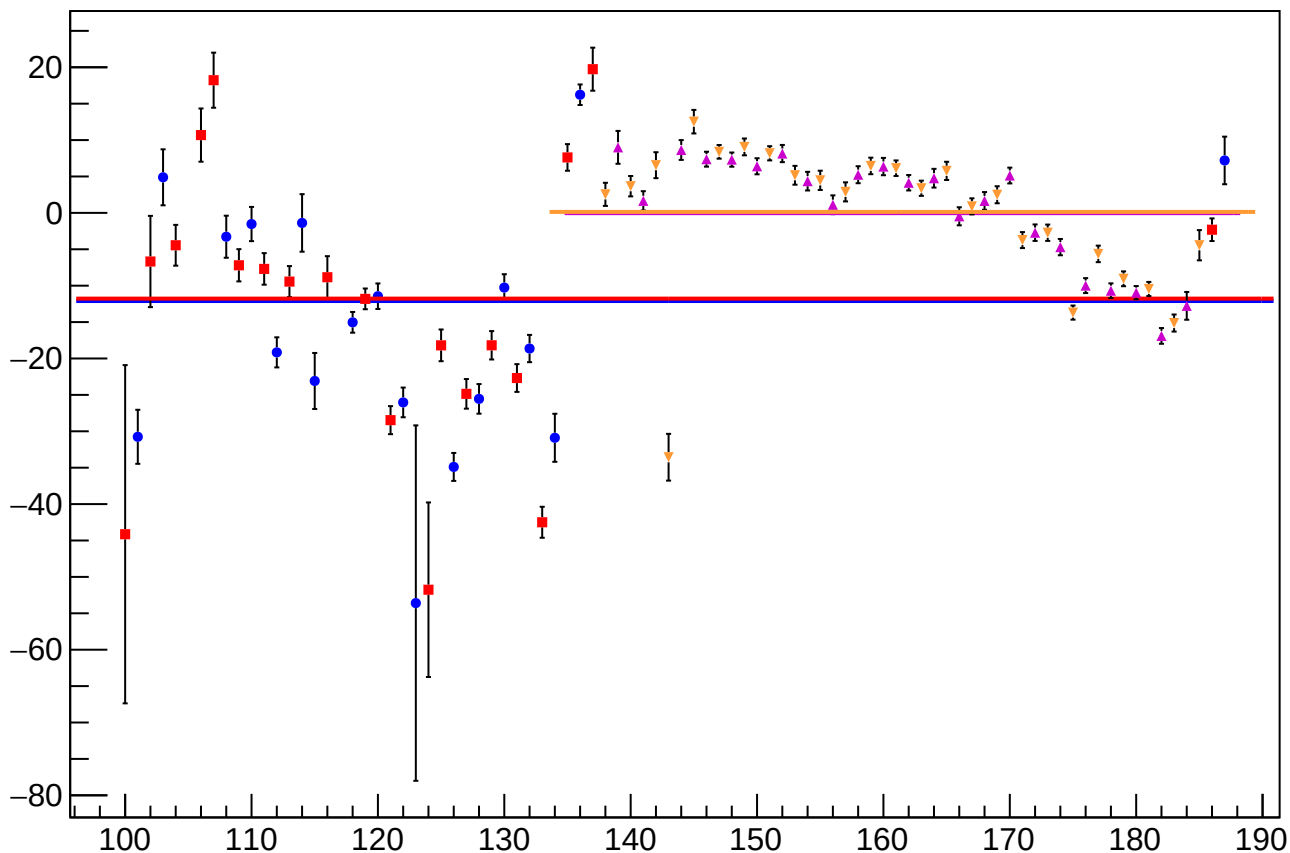
Left In: -14.415 $\pm$ 0.268 χ^2 /NDF: 2065.7/22

+ sign -21.566 $\pm$ 0.249 χ^2 /NDF: 10277.1/42

All: -22.388 $\pm$ 0.173 χ^2 /NDF: 19176.6/85

- sign -23.152 $\pm$ 0.240 χ^2 /NDF: 8878.5/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.108 ± 0.523 χ^2/NDF : 824.0/17

Left Out: 0.133 ± 0.238 χ^2/NDF : 1146.9/24

Right Out: -11.777 ± 0.509 χ^2/NDF : 771.8/19

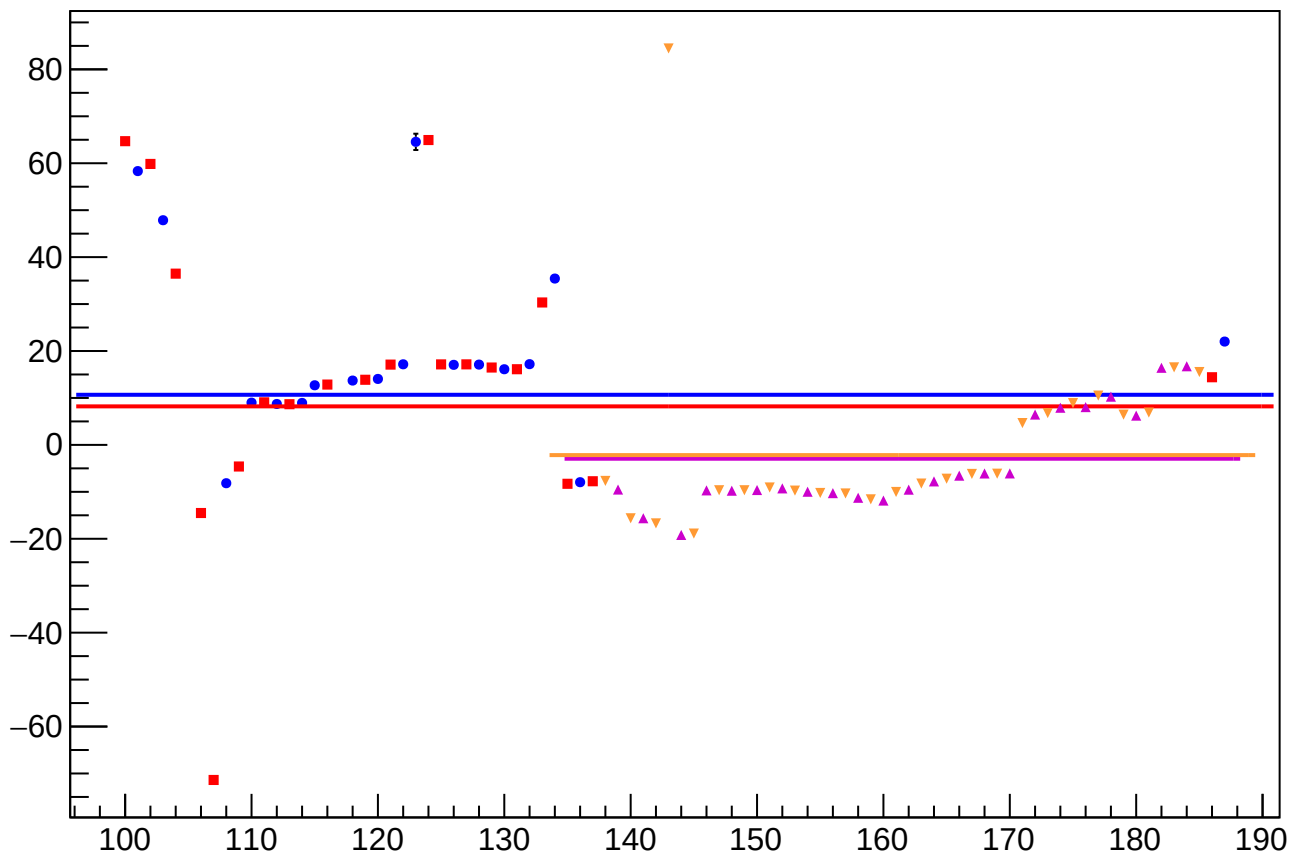
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.970 ± 0.217 χ^2/NDF : 2424.0/42

All: -2.089 ± 0.154 χ^2/NDF : 4658.4/85

- sign -2.209 ± 0.219 χ^2/NDF : 2233.7/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.675+/-0.030 χ^2/NDF : 384864.4/17

Left Out: -2.176+/-0.011 χ^2/NDF : 1047394.9/24

Right Out: 8.205+/-0.030 χ^2/NDF : 548413.9/19

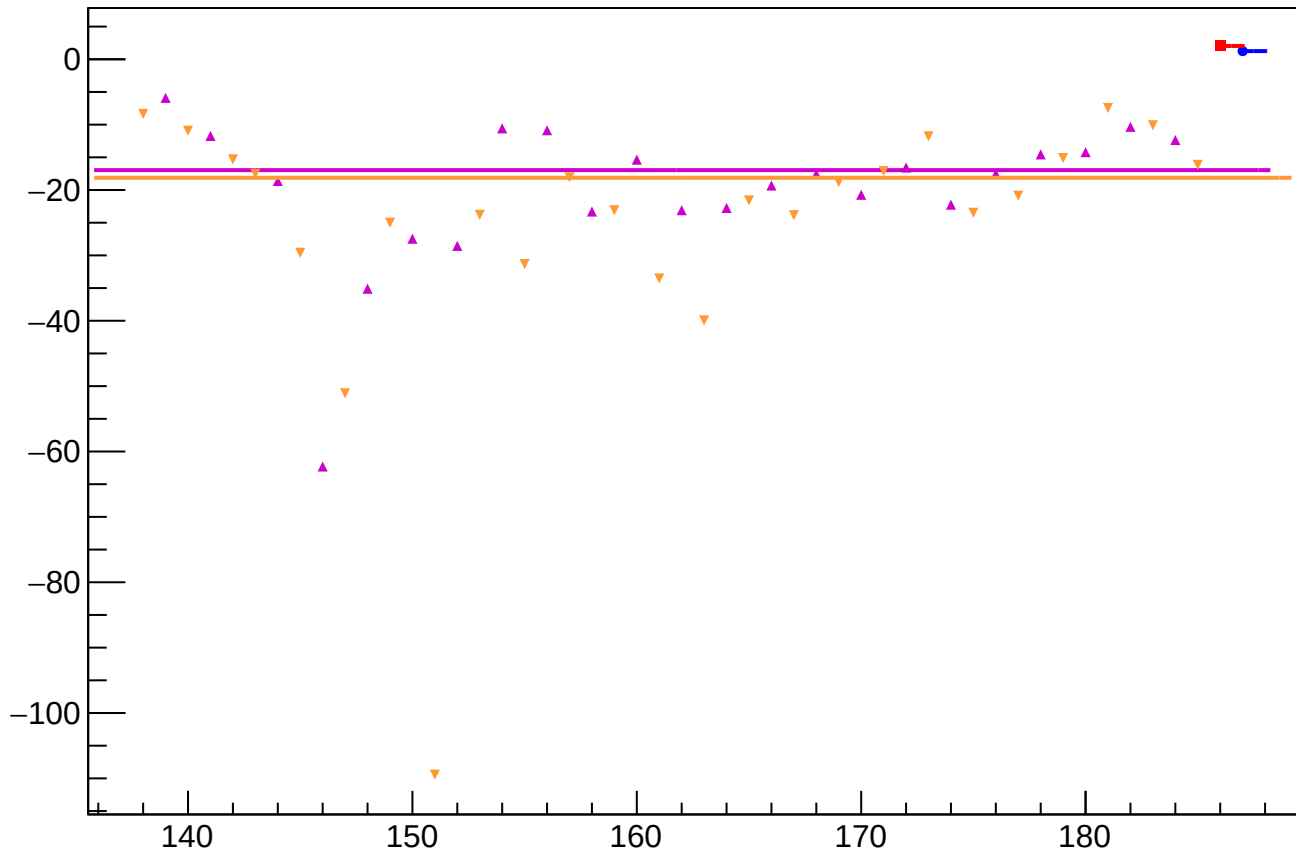
Left In: -2.949+/-0.011 χ^2/NDF : 770702.4/22

+ sign -0.683+/-0.010 χ^2/NDF : 1593055.0/42

All: -1.163+/-0.007 χ^2/NDF : 3037830.8/85

- sign -1.645+/-0.010 χ^2/NDF : 1440395.6/42

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 1.248 $\pm$ 0.282 χ^2 /NDF: 0.0/0

Left Out: -18.127 $\pm$ 0.039 χ^2 /NDF: 88514.4/24

Right Out: 2.038 $\pm$ 0.194 χ^2 /NDF: 0.0/0

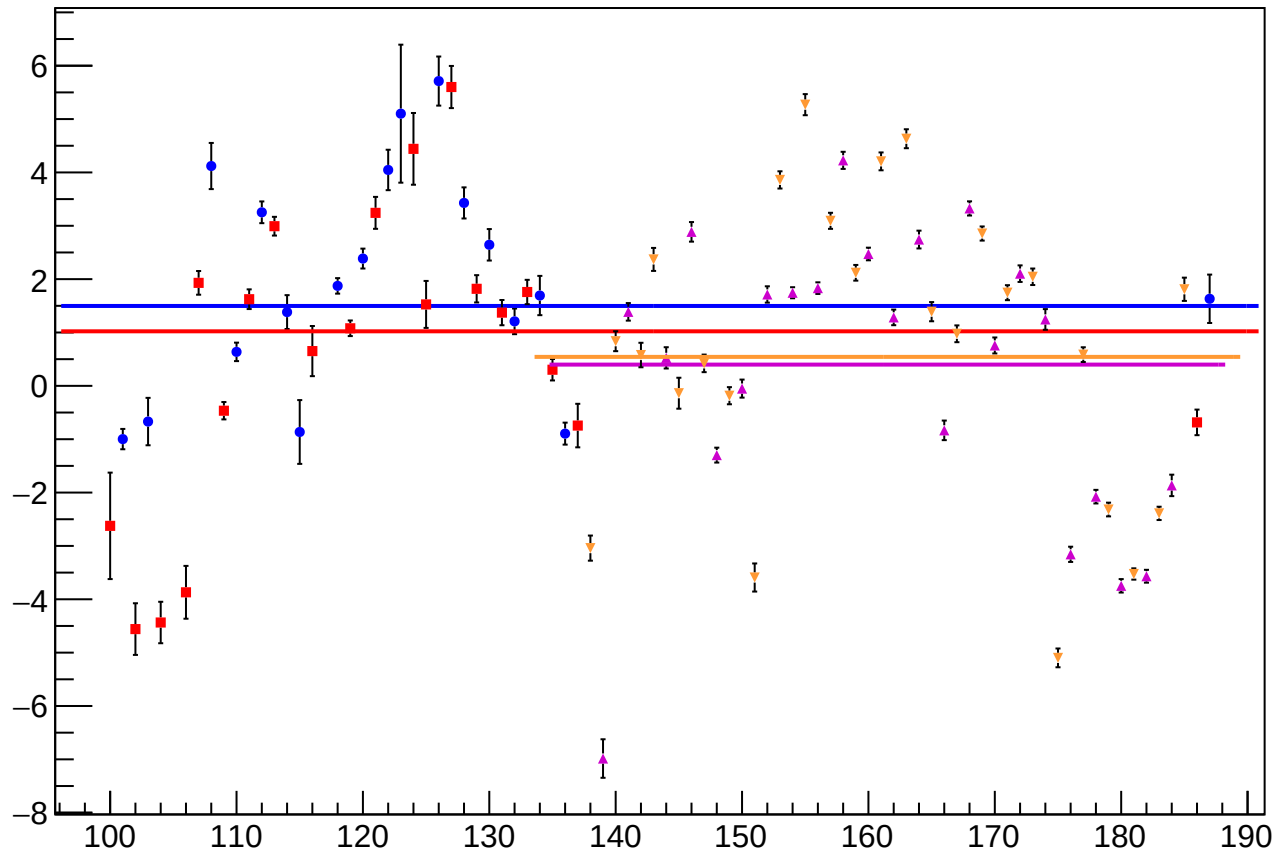
Left In: -16.958 $\pm$ 0.038 χ^2 /NDF: 44759.9/22

+ sign -17.763 $\pm$ 0.039 χ^2 /NDF: 93158.1/25

All: -16.985 $\pm$ 0.027 χ^2 /NDF: 147899.9/49

- sign -16.259 $\pm$ 0.037 χ^2 /NDF: 53955.5/23

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.497 $\pm$ 0.061 χ^2/NDF : 708.9/17

Left Out: 0.543 $\pm$ 0.032 χ^2/NDF : 7067.6/24

Right Out: 1.022 $\pm$ 0.057 χ^2/NDF : 1000.1/19

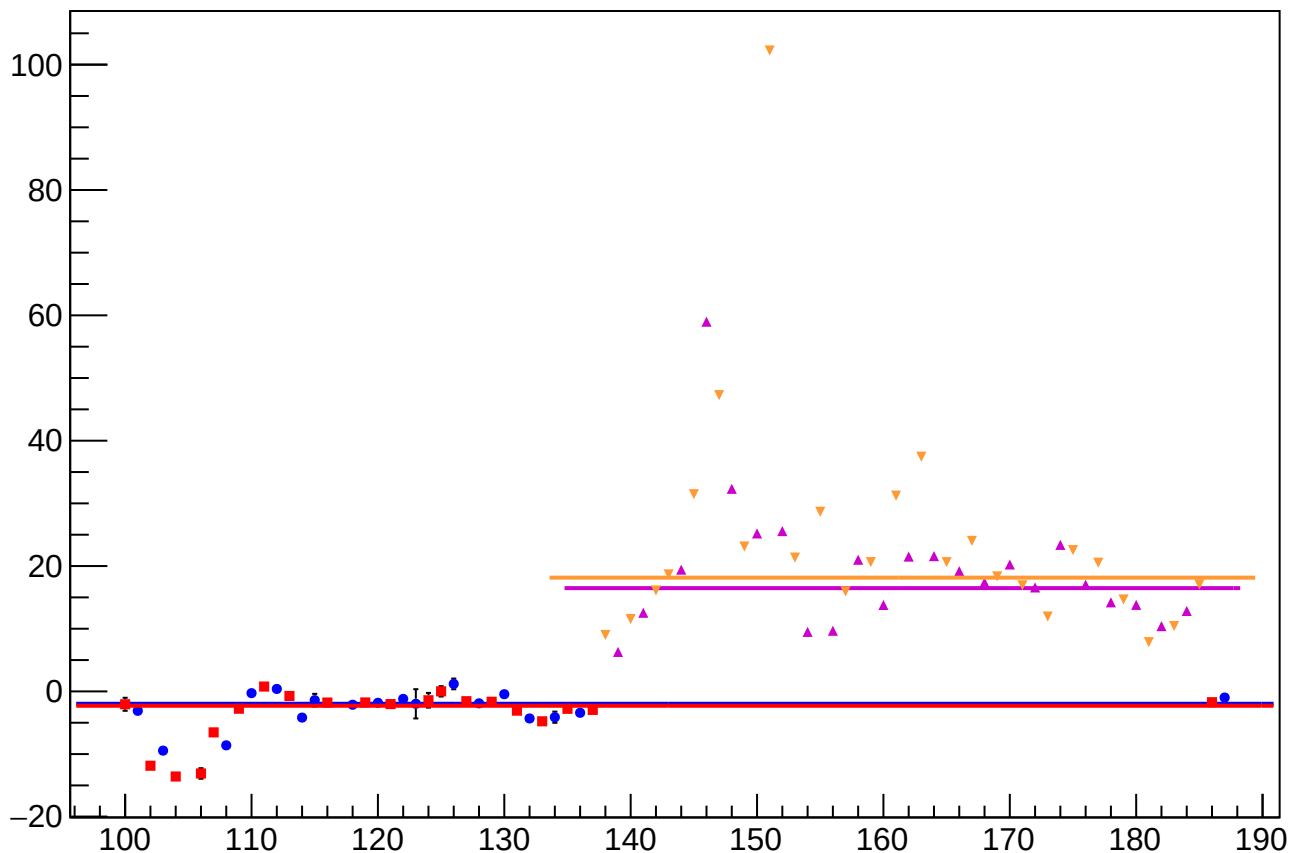
Left In: 0.398 $\pm$ 0.031 χ^2/NDF : 6286.3/22

+ sign 0.756 $\pm$ 0.029 χ^2/NDF : 7969.8/42

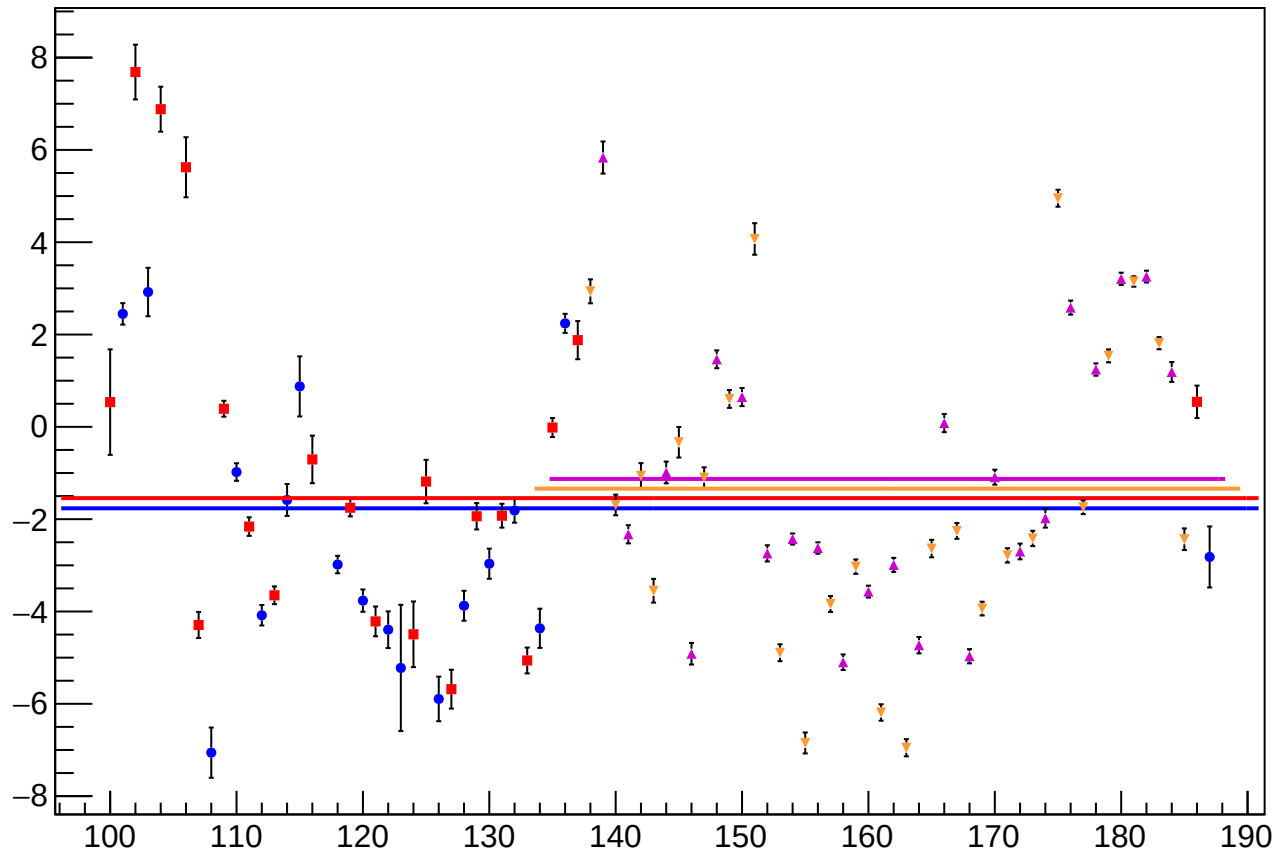
All: 0.641 $\pm$ 0.020 χ^2/NDF : 15380.5/85

- sign 0.540 $\pm$ 0.027 χ^2/NDF : 7380.5/42

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.765 ± 0.070 $\chi^2/\text{NDF}: 1347.6/17$

Left Out: -1.338 ± 0.036 $\chi^2/\text{NDF}: 7920.8/24$

Right Out: -1.544 ± 0.065 $\chi^2/\text{NDF}: 1524.0/19$

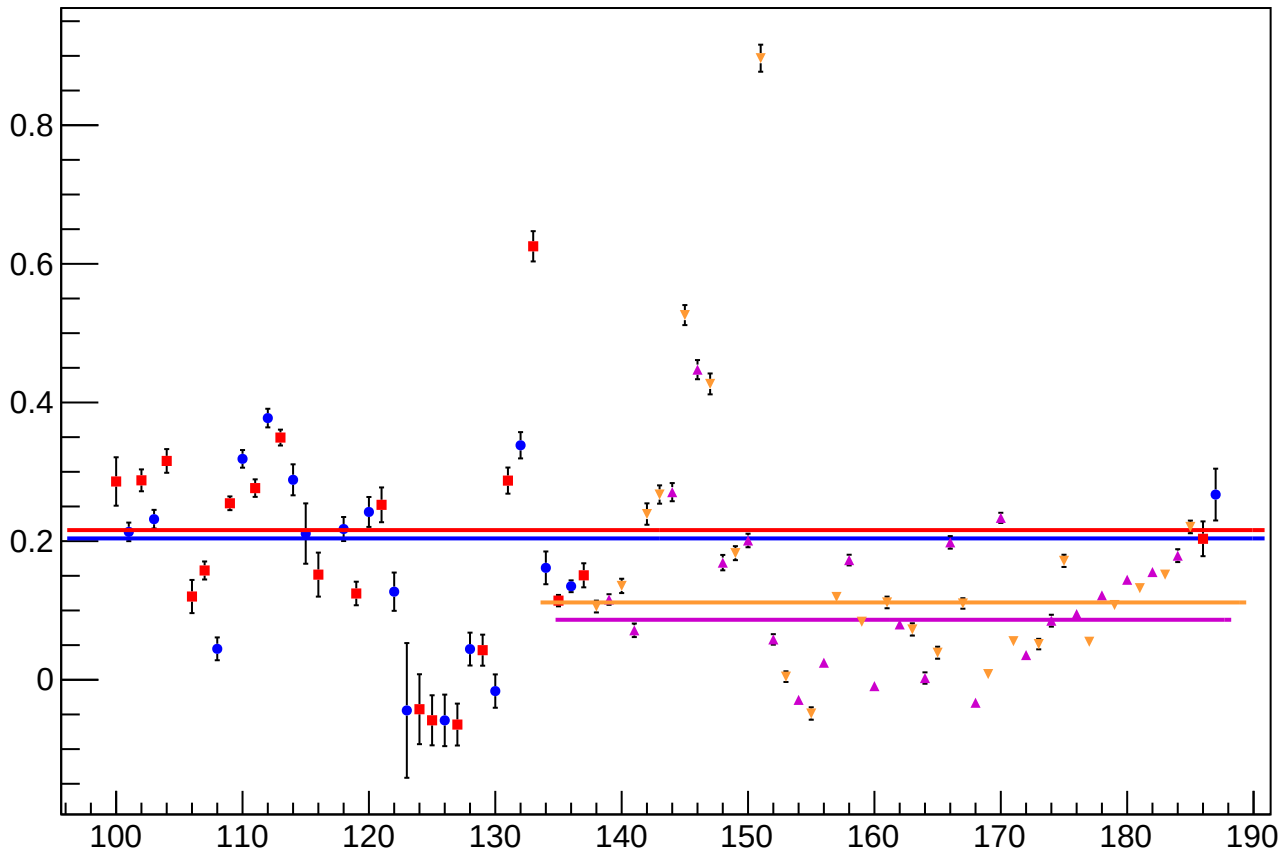
Left In: -1.129 ± 0.034 $\chi^2/\text{NDF}: 6778.7/22$

+ sign -1.427 ± 0.032 $\chi^2/\text{NDF}: 9297.9/42$

All: -1.317 ± 0.022 $\chi^2/\text{NDF}: 17655.5/85$

- sign -1.219 ± 0.030 $\chi^2/\text{NDF}: 8335.1/42$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.204 ± 0.004 χ^2/NDF : 680.1/17

Left Out: 0.112 ± 0.002 χ^2/NDF : 4459.9/24

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.6/19

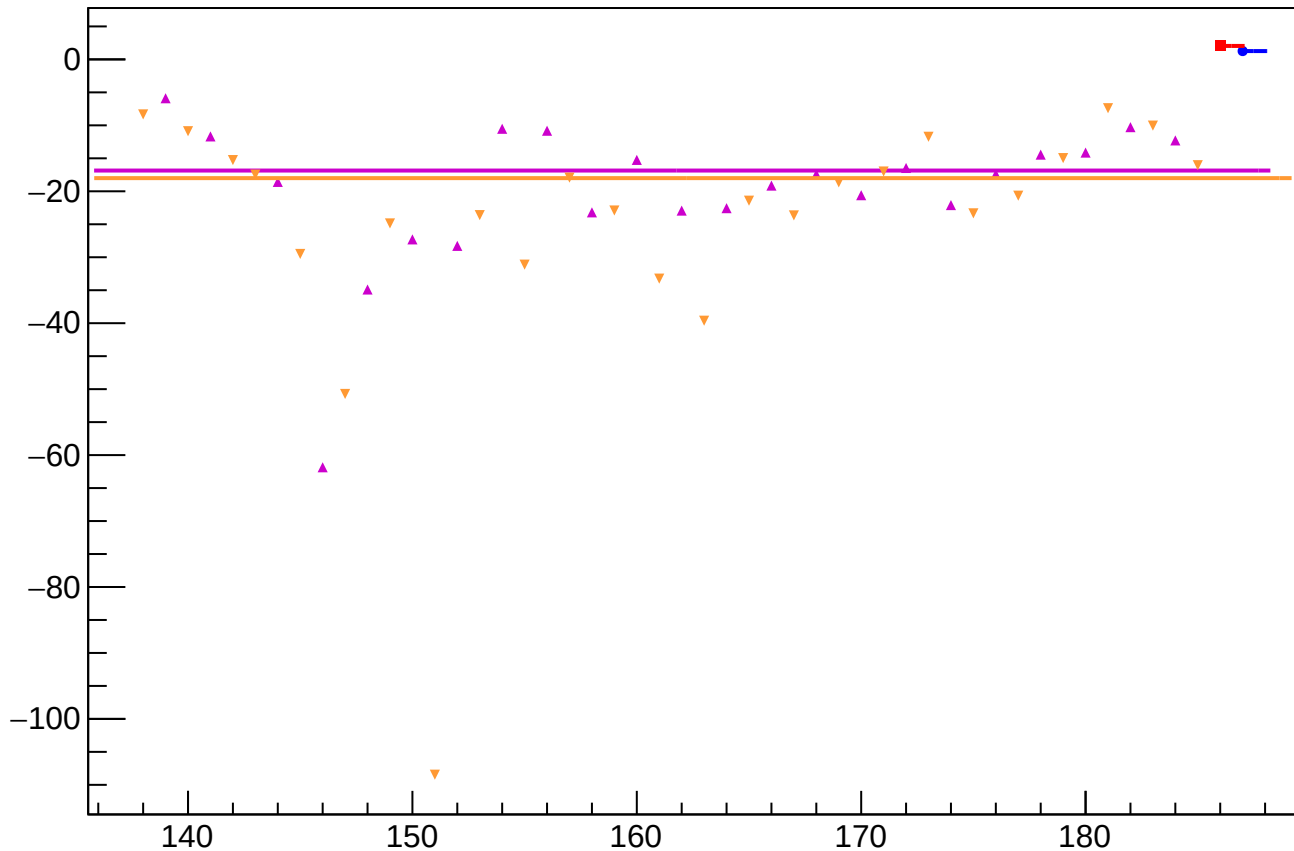
Left In: 0.087 ± 0.001 χ^2/NDF : 3661.4/22

+ sign 0.124 ± 0.001 χ^2/NDF : 5578.5/42

All: 0.114 ± 0.001 χ^2/NDF : 11465.1/85

- sign 0.105 ± 0.001 χ^2/NDF : 5802.8/42

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 1.261 ± 0.281 χ^2/NDF : 0.0/0

Left Out: -18.004 ± 0.039 χ^2/NDF : 88352.2/24

Right Out: 2.041 ± 0.192 χ^2/NDF : 0.0/0

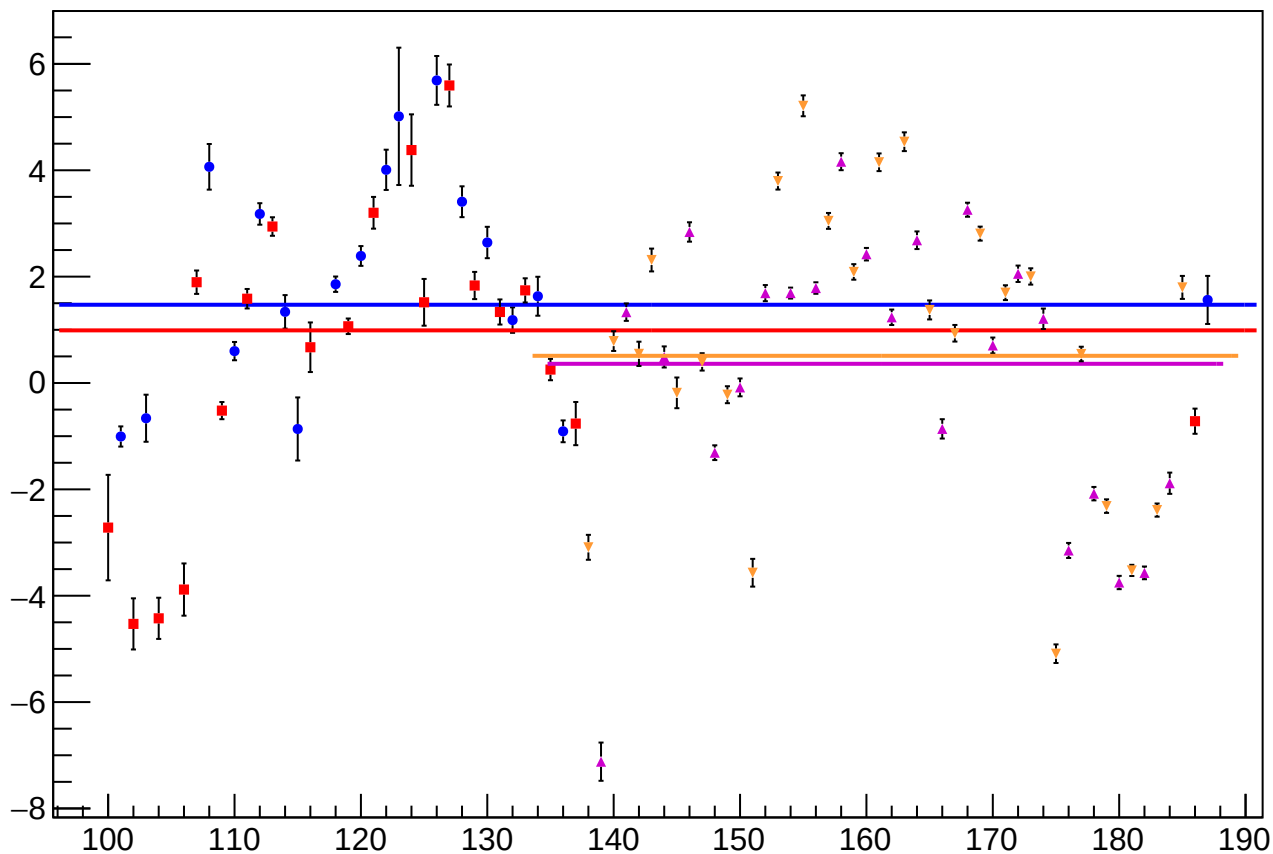
Left In: -16.854 ± 0.038 χ^2/NDF : 44680.7/22

+ sign -17.645 ± 0.038 χ^2/NDF : 92974.5/25

All: -16.872 ± 0.027 χ^2/NDF : 147781.9/49

- sign -16.149 ± 0.037 χ^2/NDF : 54020.1/23

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.471 ± 0.060 χ^2/NDF : 707.9/17

Left Out: 0.511 ± 0.032 χ^2/NDF : 7053.0/24

Right Out: 0.989 ± 0.056 χ^2/NDF : 1007.3/19

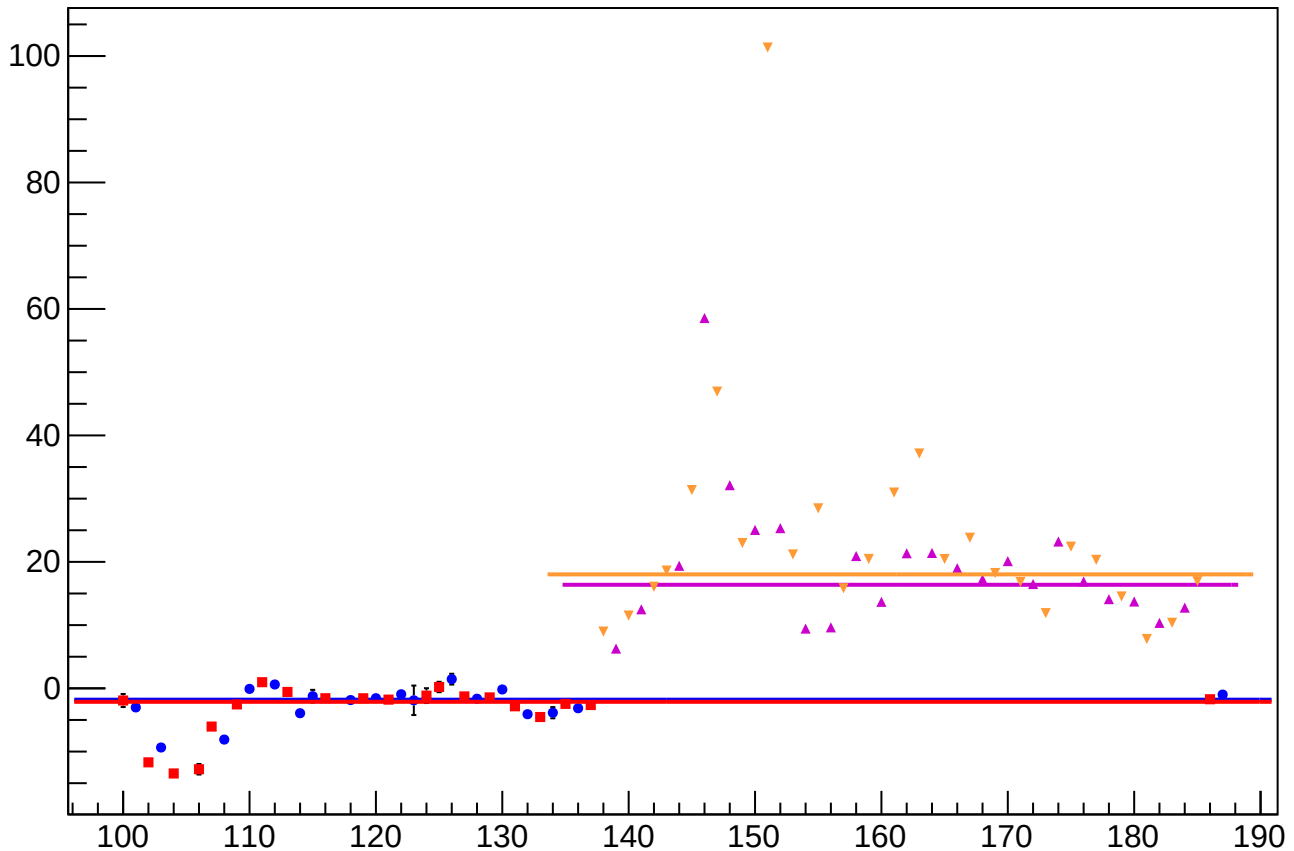
Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

+ sign 0.724 ± 0.028 χ^2/NDF : 7958.4/42

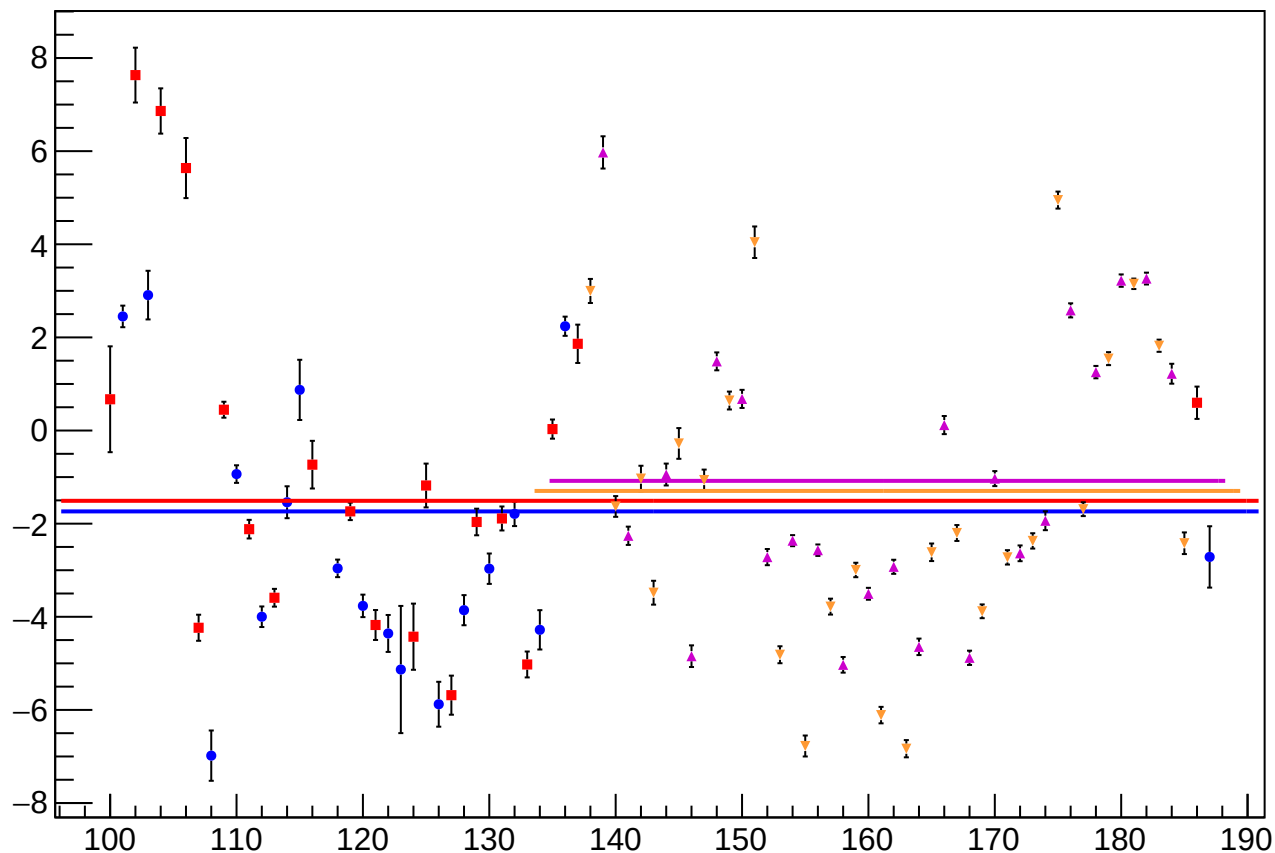
All: 0.607 ± 0.019 χ^2/NDF : 15367.9/85

- sign 0.503 ± 0.027 χ^2/NDF : 7377.3/42

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.737 ± 0.070 $\chi^2/\text{NDF}: 1343.7/17$

Left Out: -1.297 ± 0.036 $\chi^2/\text{NDF}: 7903.2/24$

Right Out: -1.509 ± 0.064 $\chi^2/\text{NDF}: 1531.0/19$

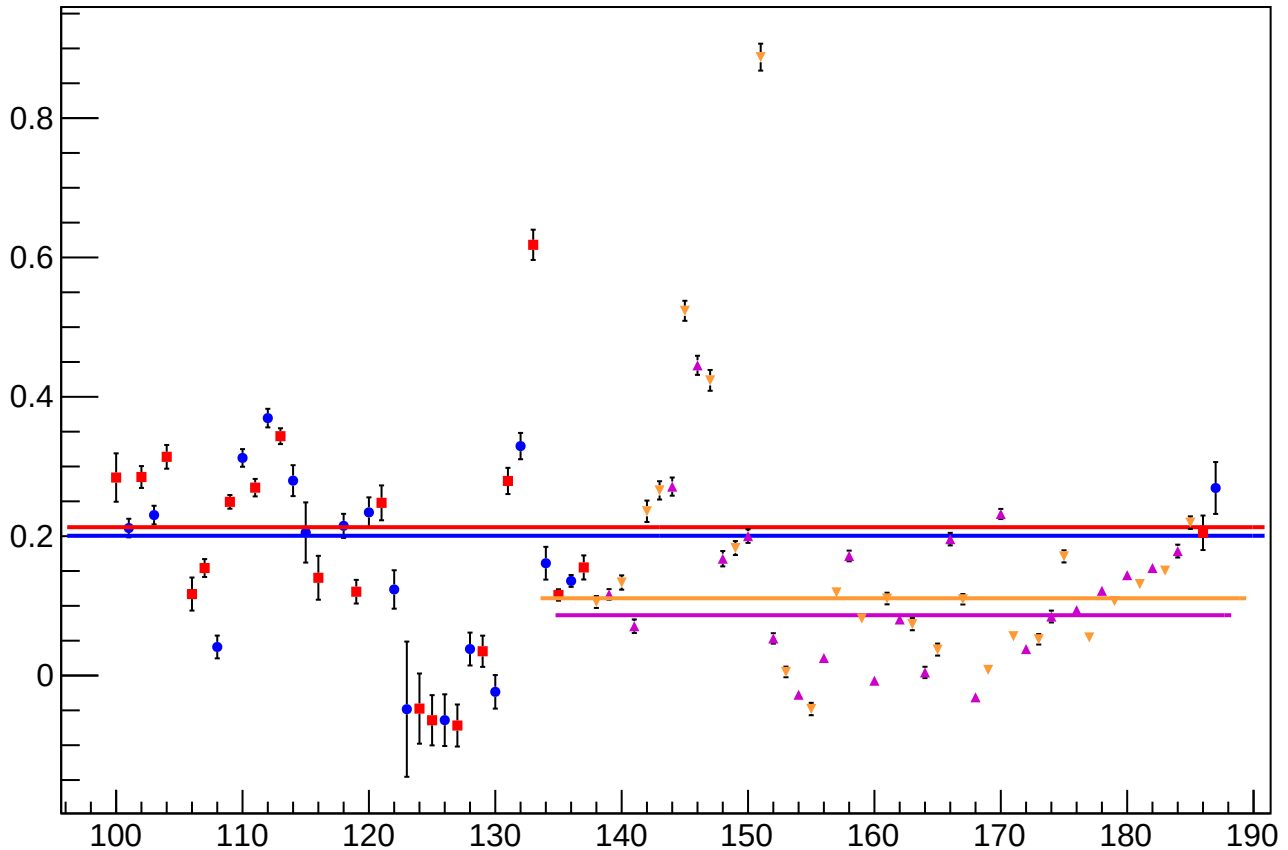
Left In: -1.081 ± 0.034 $\chi^2/\text{NDF}: 6764.0/22$

+ sign -1.389 ± 0.032 $\chi^2/\text{NDF}: 9278.5/42$

All: -1.275 ± 0.022 $\chi^2/\text{NDF}: 17632.6/85$

- sign -1.174 ± 0.030 $\chi^2/\text{NDF}: 8329.8/42$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 χ^2/NDF : 665.9/17

Left Out: 0.111 $\pm$ 0.002 χ^2/NDF : 4452.0/24

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1051.0/19

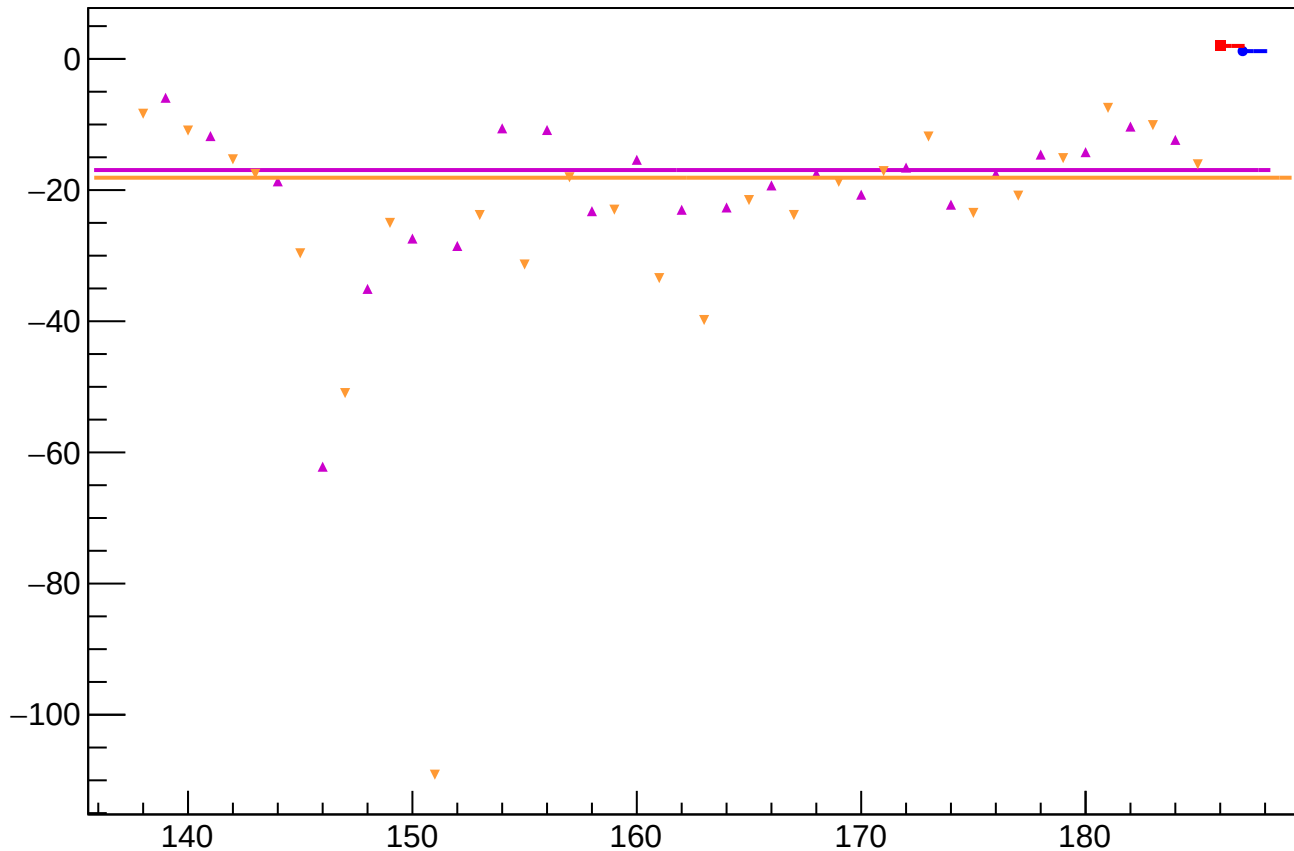
Left In: 0.087 $\pm$ 0.001 χ^2/NDF : 3631.4/22

+ sign 0.123 $\pm$ 0.001 χ^2/NDF : 5535.9/42

All: 0.113 $\pm$ 0.001 χ^2/NDF : 11332.9/85

- sign 0.105 $\pm$ 0.001 χ^2/NDF : 5717.4/42

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 1.187 ± 0.282 χ^2/NDF : 0.0/0

Left Out: -18.112 ± 0.039 χ^2/NDF : 88488.2/24

Right Out: 1.982 ± 0.192 χ^2/NDF : 0.0/0

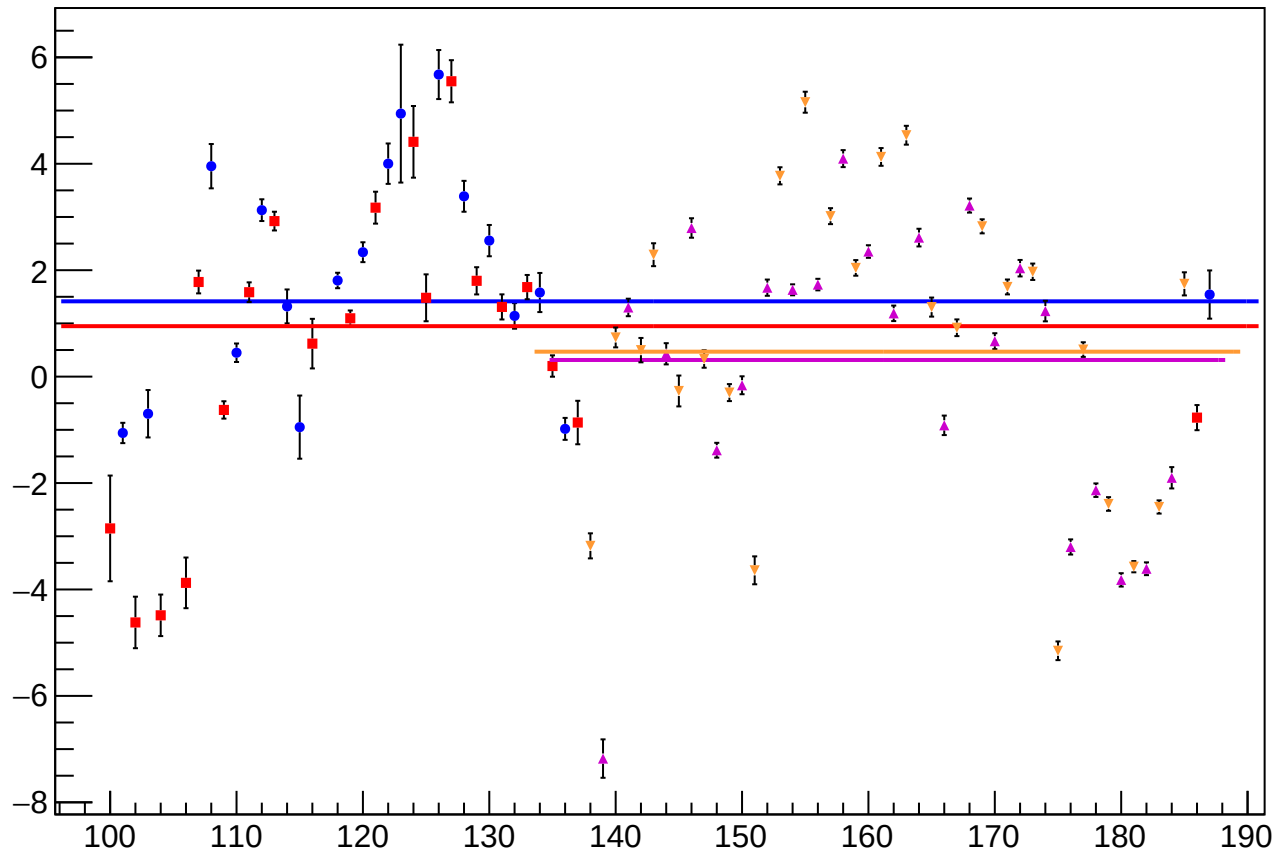
Left In: -16.945 ± 0.038 χ^2/NDF : 44756.2/22

+ sign -17.752 ± 0.038 χ^2/NDF : 93100.8/25

All: -16.965 ± 0.027 χ^2/NDF : 148061.1/49

- sign -16.232 ± 0.037 χ^2/NDF : 54153.2/23

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.415 $\pm$ 0.061 χ^2/NDF : 714.0/17

Left Out: 0.469 $\pm$ 0.032 χ^2/NDF : 7076.8/24

Right Out: 0.948 $\pm$ 0.056 χ^2/NDF : 1019.5/19

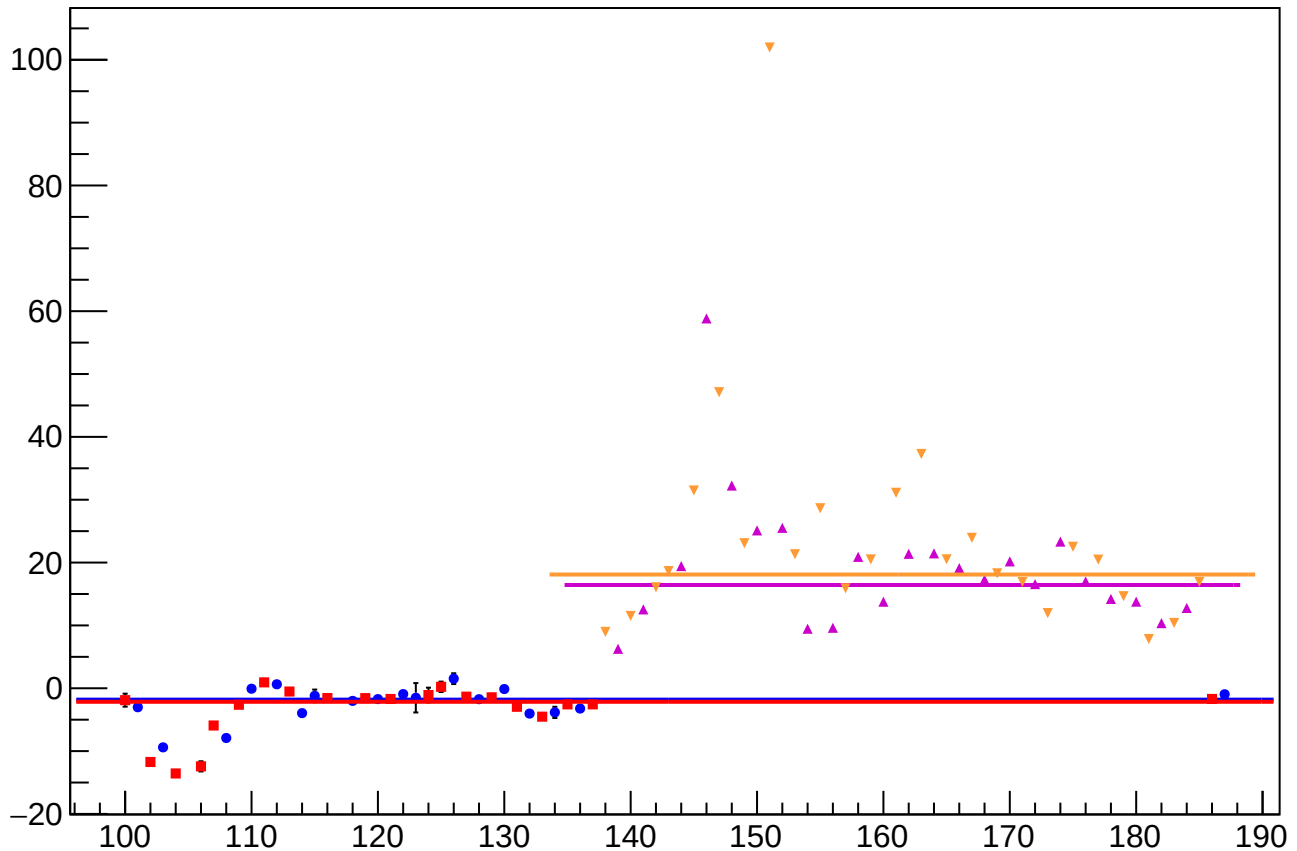
Left In: 0.313 $\pm$ 0.031 χ^2/NDF : 6235.0/22

+ sign 0.679 $\pm$ 0.029 χ^2/NDF : 7980.9/42

All: 0.561 $\pm$ 0.020 χ^2/NDF : 15365.6/85

- sign 0.457 $\pm$ 0.027 χ^2/NDF : 7352.6/42

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -1.811 ± 0.100 χ^2/NDF : 480.1/17

Left Out: 18.098 ± 0.039 χ^2/NDF : 77793.7/24

Right Out: -2.149 ± 0.083 χ^2/NDF : 913.4/19

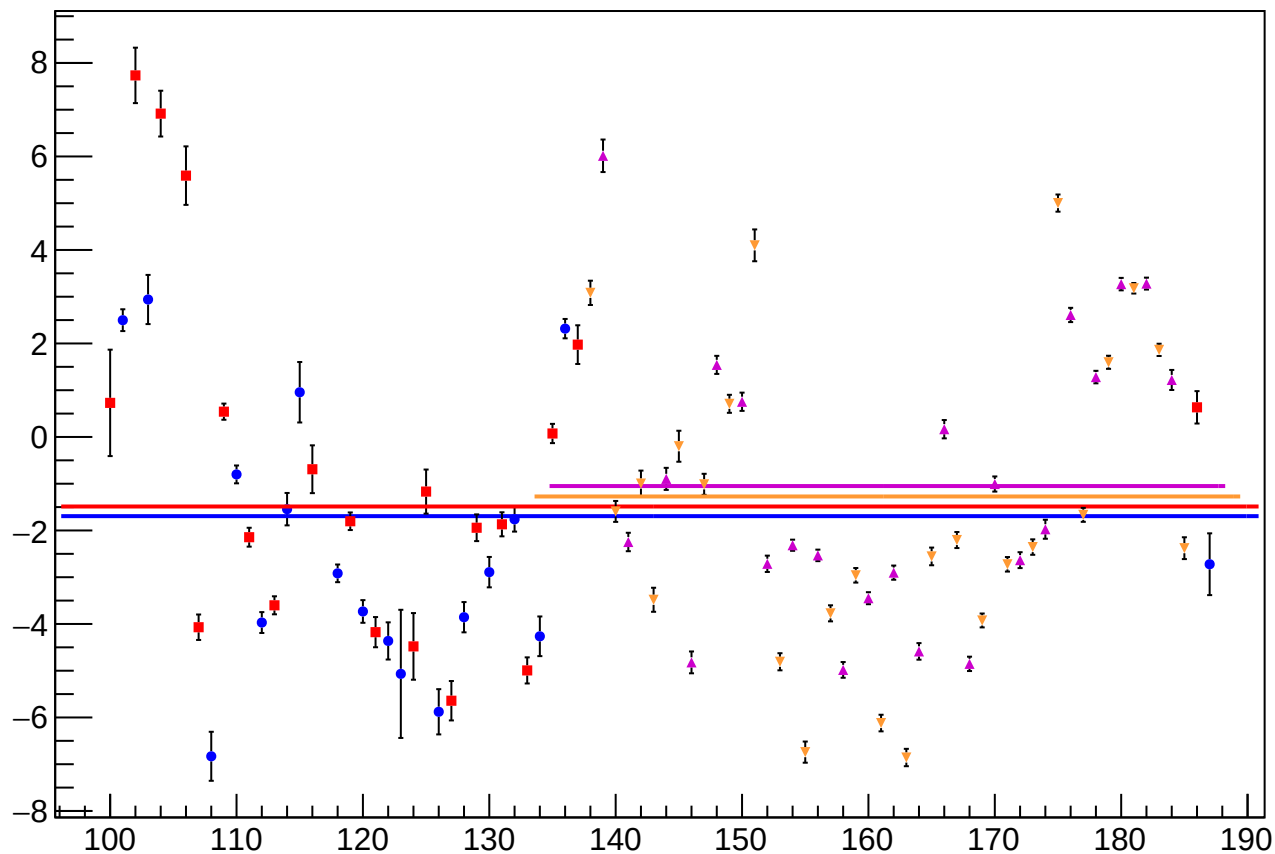
Left In: 16.431 ± 0.038 χ^2/NDF : 41337.1/22

+ sign 15.457 ± 0.036 χ^2/NDF : 112793.0/42

All: 14.305 ± 0.025 χ^2/NDF : 198462.1/85

- sign 13.285 ± 0.034 χ^2/NDF : 83774.9/42

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.694 ± 0.070 χ^2/NDF : 1350.3/17

Left Out: -1.273 ± 0.036 χ^2/NDF : 7931.0/24

Right Out: -1.487 ± 0.064 χ^2/NDF : 1543.5/19

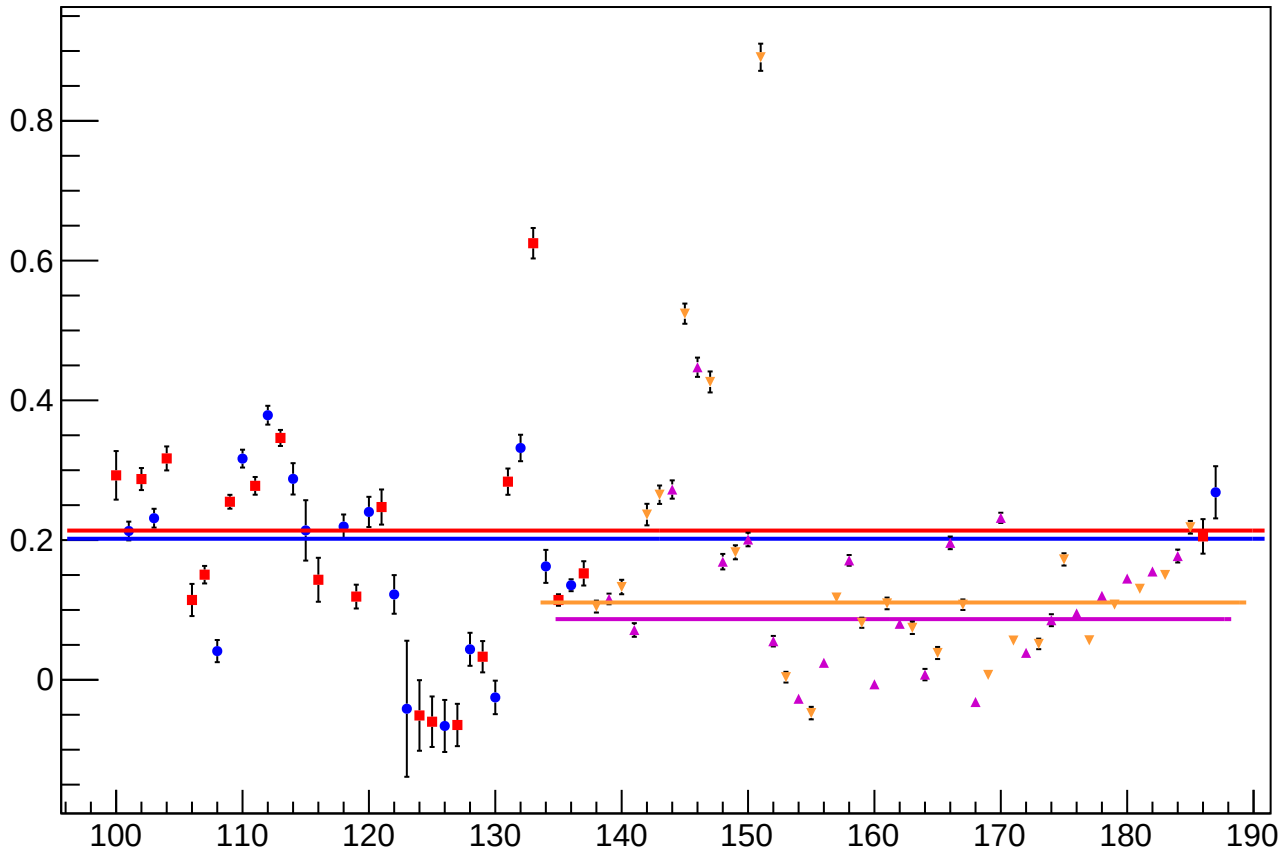
Left In: -1.050 ± 0.034 χ^2/NDF : 6713.0/22

+ sign -1.361 ± 0.032 χ^2/NDF : 9310.0/42

All: -1.246 ± 0.022 χ^2/NDF : 17626.6/85

- sign -1.145 ± 0.030 χ^2/NDF : 8292.5/42

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.004 χ^2/NDF : 694.5/17

Left Out: 0.111 ± 0.002 χ^2/NDF : 4430.3/24

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.3/19

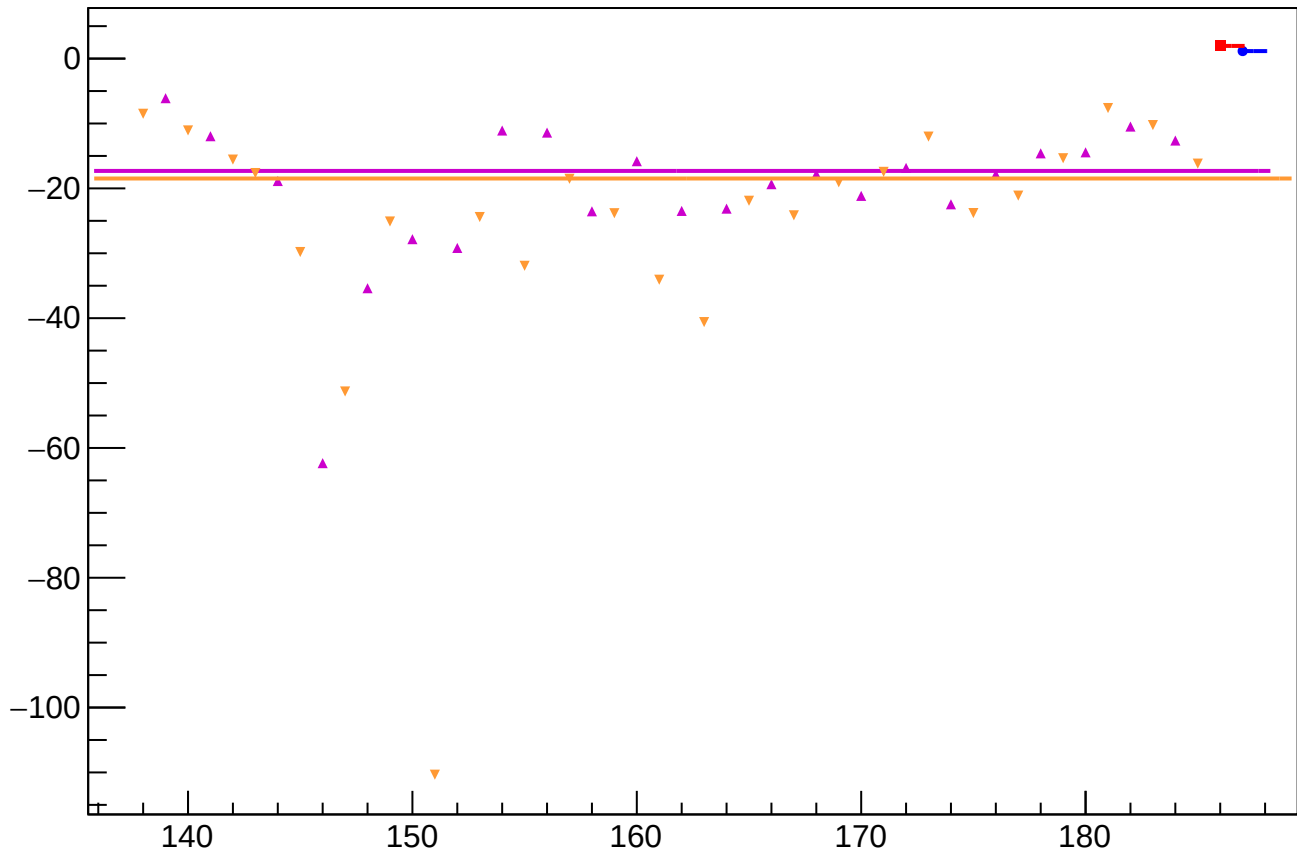
Left In: 0.087 ± 0.001 χ^2/NDF : 3604.3/22

+ sign 0.123 ± 0.001 χ^2/NDF : 5553.9/42

All: 0.113 ± 0.001 χ^2/NDF : 11354.6/85

- sign 0.105 ± 0.001 χ^2/NDF : 5725.4/42

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 1.157 ± 0.283 χ^2/NDF : 0.0/0

Left Out: -18.478 ± 0.040 χ^2/NDF : 87856.5/24

Right Out: 1.954 ± 0.192 χ^2/NDF : 0.0/0

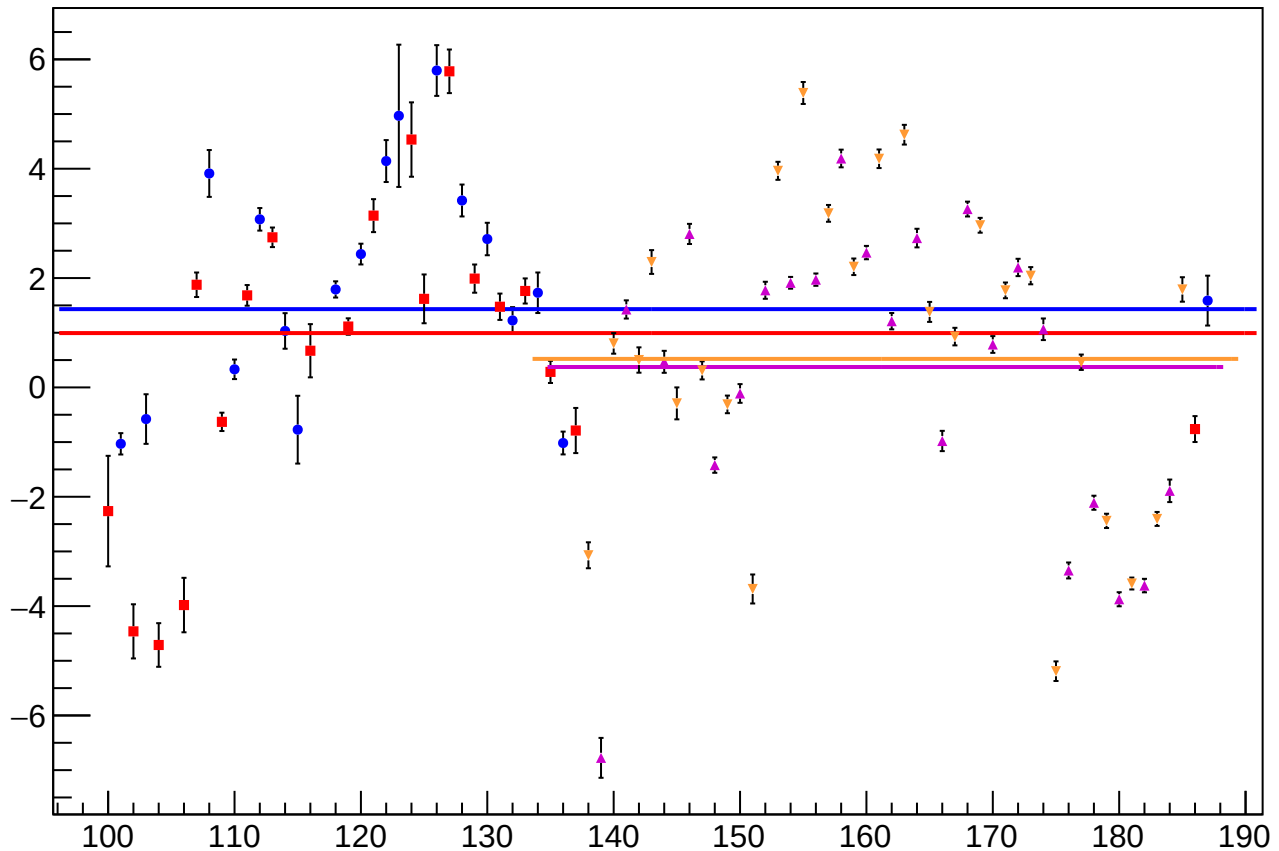
Left In: -17.309 ± 0.039 χ^2/NDF : 43807.0/22

+ sign -18.099 ± 0.039 χ^2/NDF : 92566.5/25

All: -17.301 ± 0.027 χ^2/NDF : 146803.3/49

- sign -16.556 ± 0.038 χ^2/NDF : 53442.4/23

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.432 ± 0.062 χ^2/NDF : 711.6/17

Left Out: 0.522 ± 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.994 ± 0.058 χ^2/NDF : 994.8/19

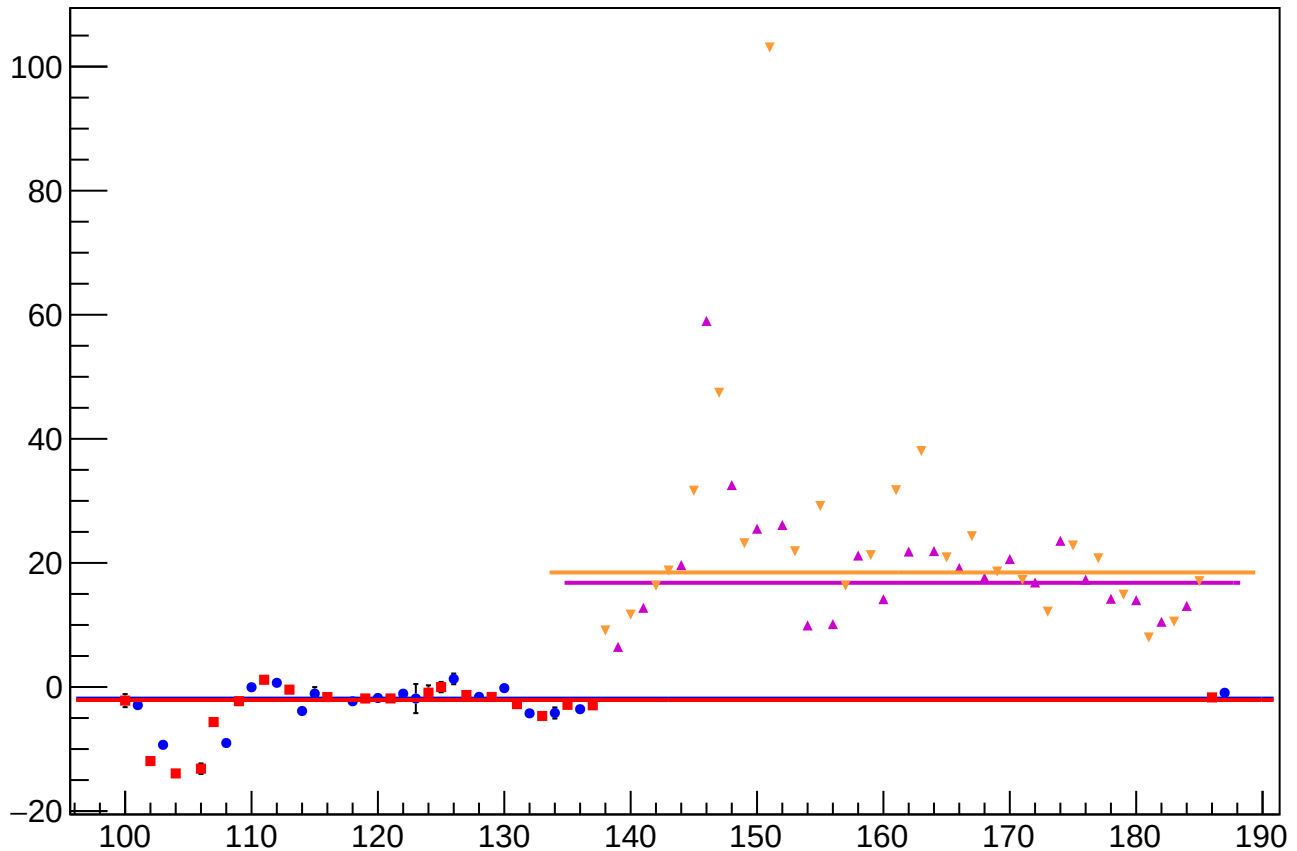
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.725 ± 0.029 χ^2/NDF : 7919.3/42

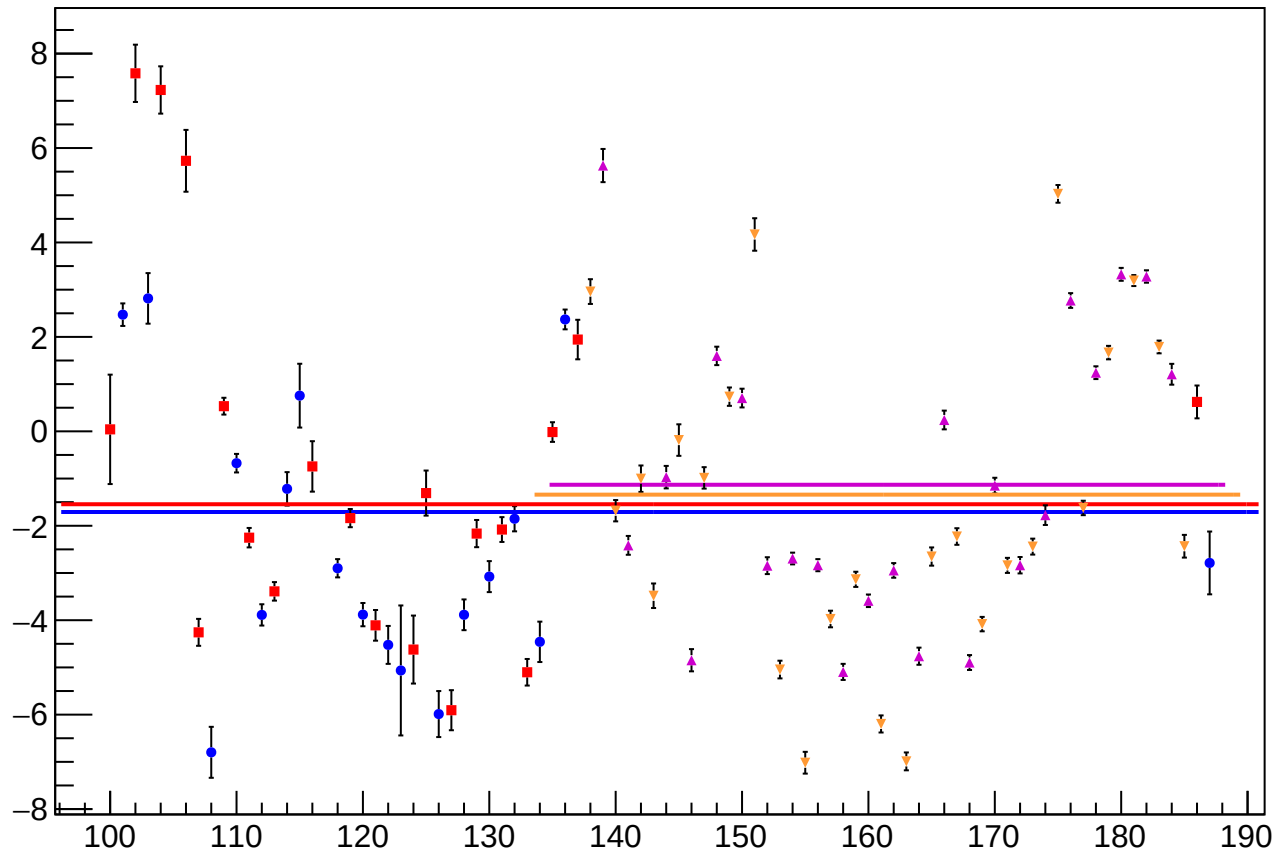
All: 0.614 ± 0.020 χ^2/NDF : 15295.3/85

- sign 0.515 ± 0.027 χ^2/NDF : 7348.4/42

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.708 ± 0.071 $\chi^2/\text{NDF}: 1336.0/17$

Left Out: -1.341 ± 0.037 $\chi^2/\text{NDF}: 7886.0/24$

Right Out: -1.544 ± 0.066 $\chi^2/\text{NDF}: 1507.6/19$

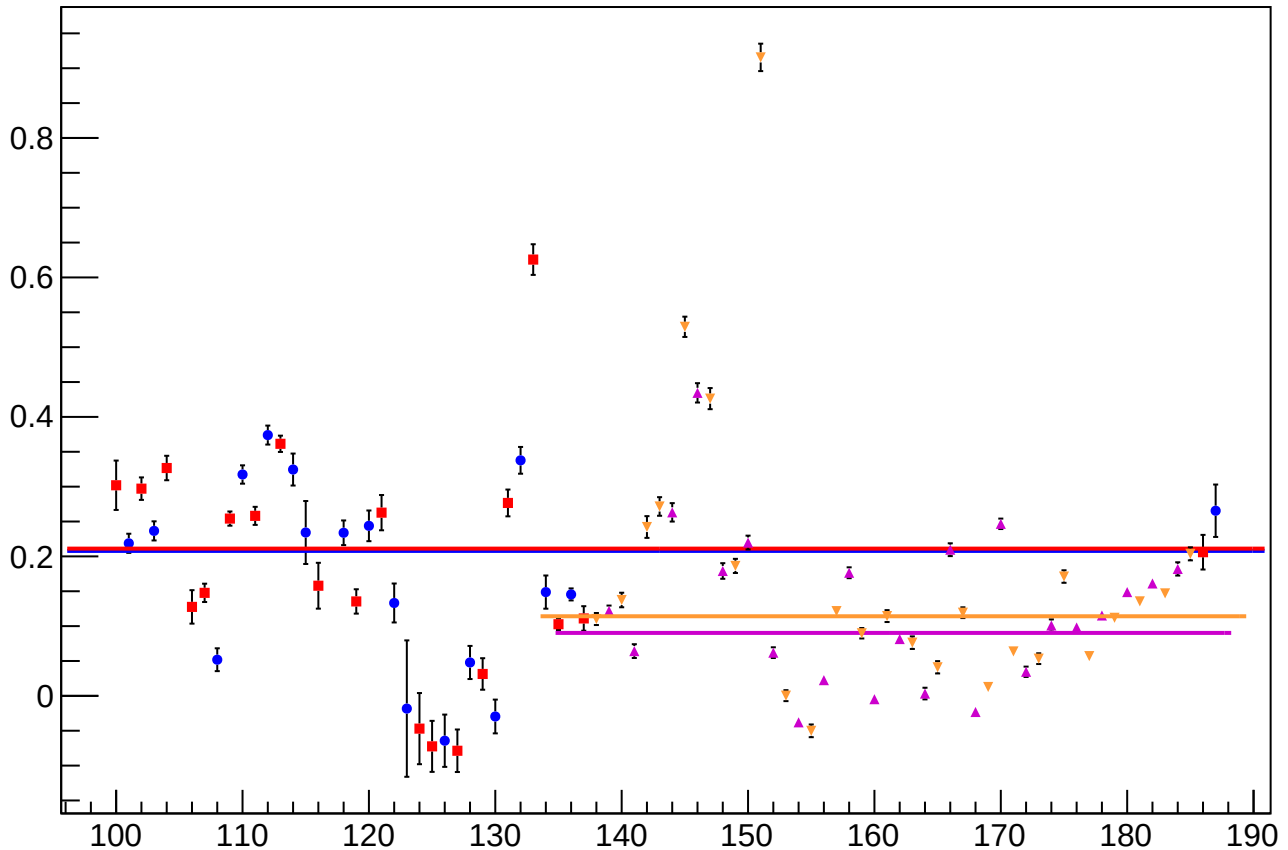
Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6743.4/22$

+ sign -1.418 ± 0.033 $\chi^2/\text{NDF}: 9243.0/42$

All: -1.314 ± 0.022 $\chi^2/\text{NDF}: 17543.9/85$

- sign -1.222 ± 0.031 $\chi^2/\text{NDF}: 8281.7/42$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.208 ± 0.004 χ^2/NDF : 658.7/17

Left Out: 0.114 ± 0.002 χ^2/NDF : 4382.5/24

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/19

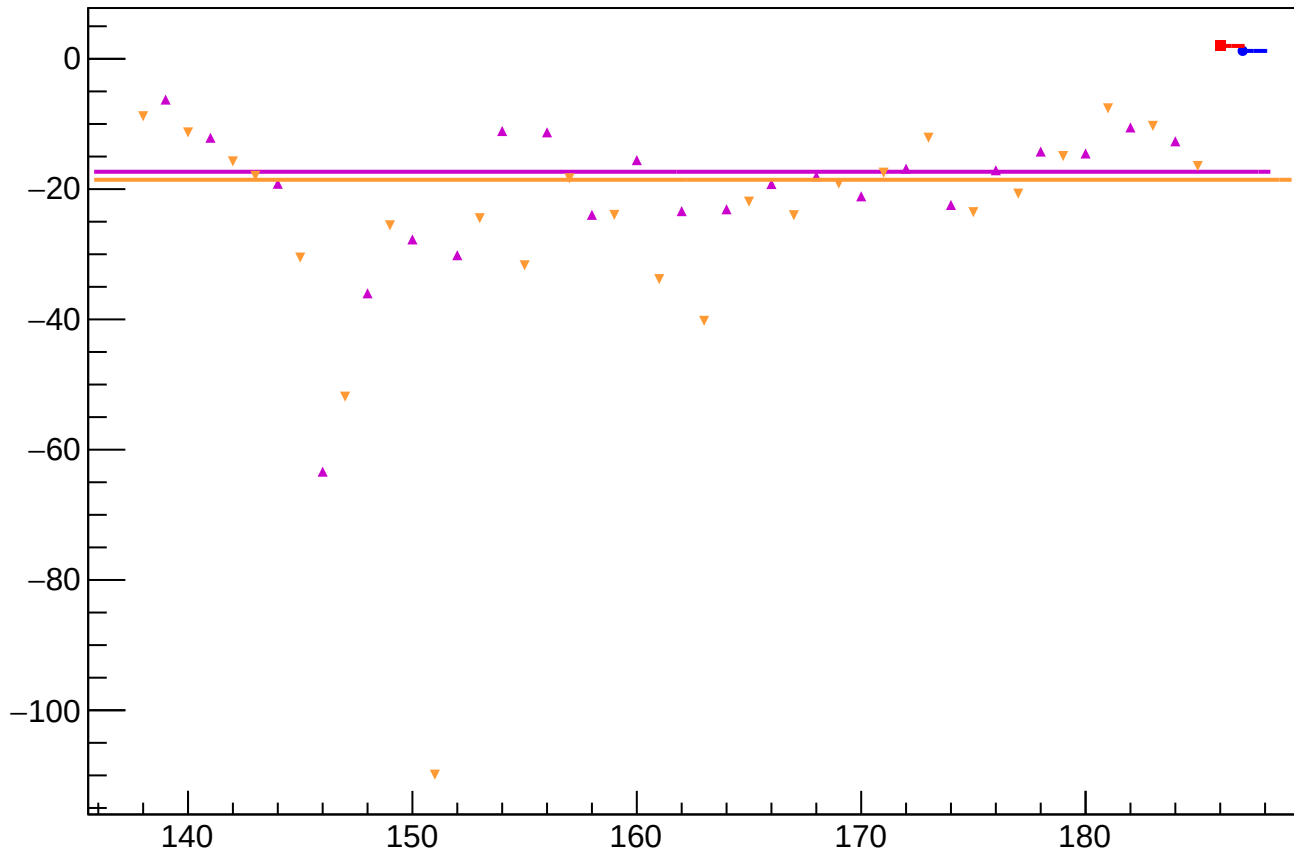
Left In: 0.090 ± 0.002 χ^2/NDF : 3679.2/22

+ sign 0.127 ± 0.002 χ^2/NDF : 5478.2/42

All: 0.117 ± 0.001 χ^2/NDF : 11290.3/85

- sign 0.108 ± 0.001 χ^2/NDF : 5730.1/42

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 1.216 ± 0.284 χ^2/NDF : 0.0/0

Left Out: -18.565 ± 0.040 χ^2/NDF : 86349.5/24

Right Out: 1.981 ± 0.193 χ^2/NDF : 0.0/0

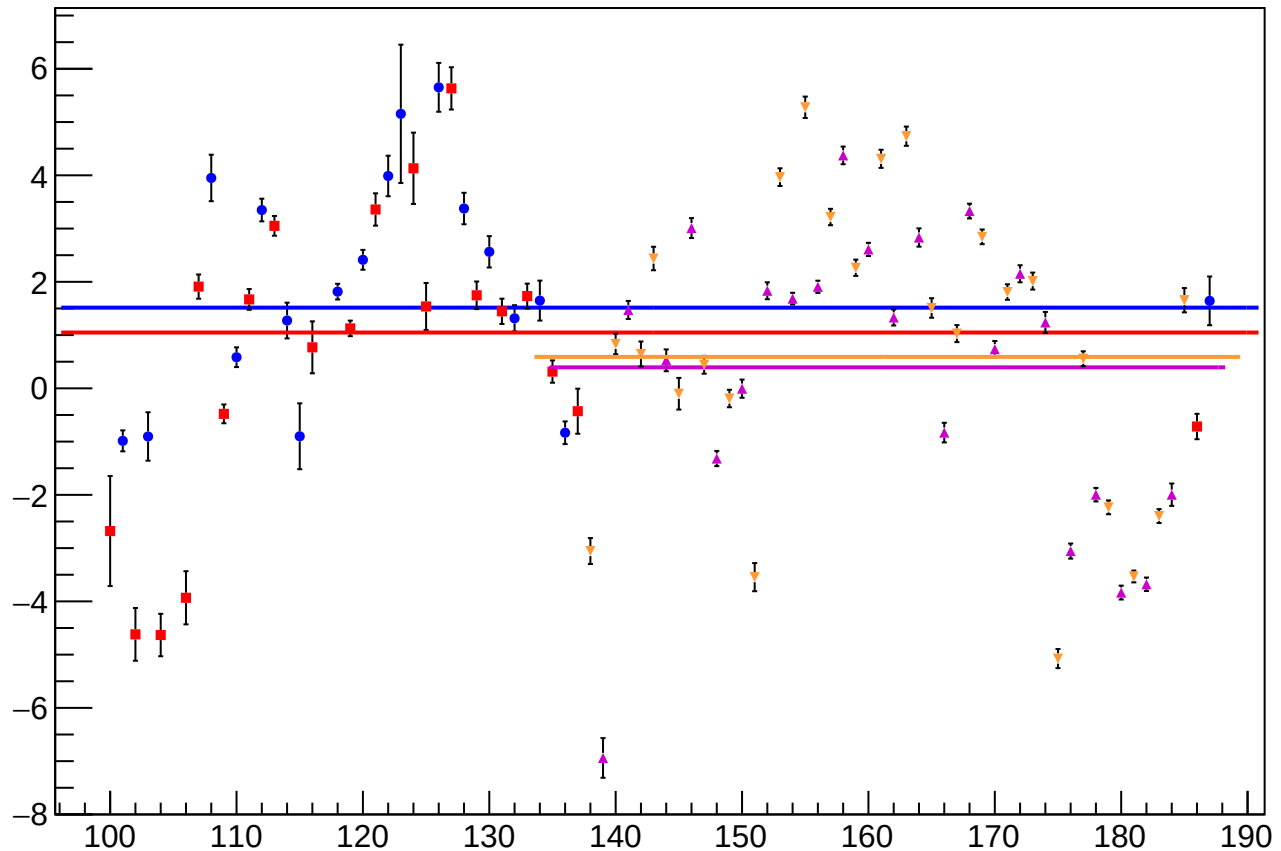
Left In: -17.335 ± 0.039 χ^2/NDF : 44078.7/22

+ sign -18.178 ± 0.040 χ^2/NDF : 91102.1/25

All: -17.348 ± 0.028 χ^2/NDF : 145611.5/49

- sign -16.574 ± 0.038 χ^2/NDF : 53666.3/23

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.515 $\pm$ 0.062 χ^2/NDF : 669.8/17

Left Out: 0.590 $\pm$ 0.033 χ^2/NDF : 6780.3/24

Right Out: 1.048 $\pm$ 0.058 χ^2/NDF : 975.3/19

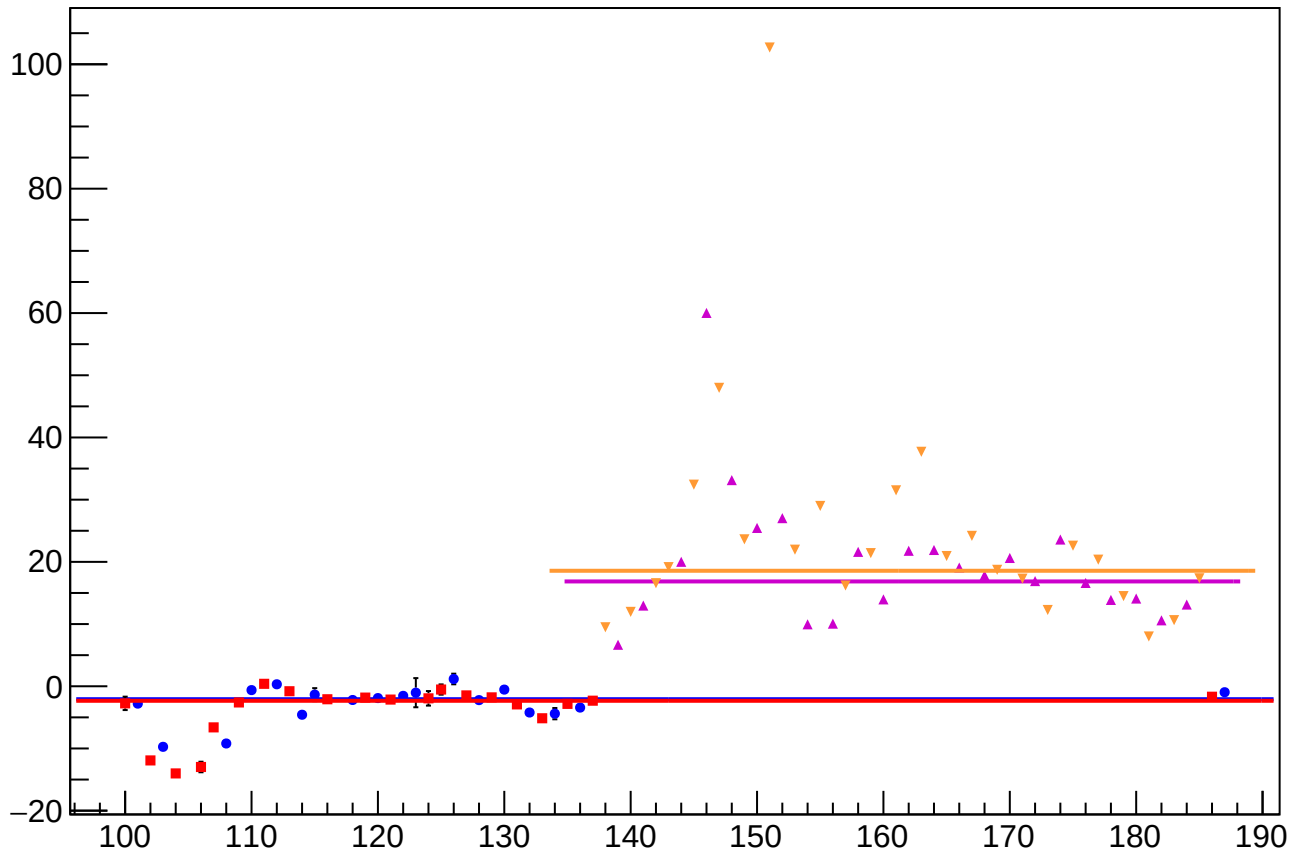
Left In: 0.394 $\pm$ 0.032 χ^2/NDF : 6112.7/22

+ sign 0.797 $\pm$ 0.029 χ^2/NDF : 7622.2/42

All: 0.663 $\pm$ 0.020 χ^2/NDF : 14847.0/85

- sign 0.543 $\pm$ 0.028 χ^2/NDF : 7185.3/42

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.080 ± 0.103 $\chi^2/\text{NDF}: 468.4/17$

Left Out: 18.569 ± 0.040 $\chi^2/\text{NDF}: 75983.2/24$

Right Out: -2.334 ± 0.086 $\chi^2/\text{NDF}: 866.1/19$

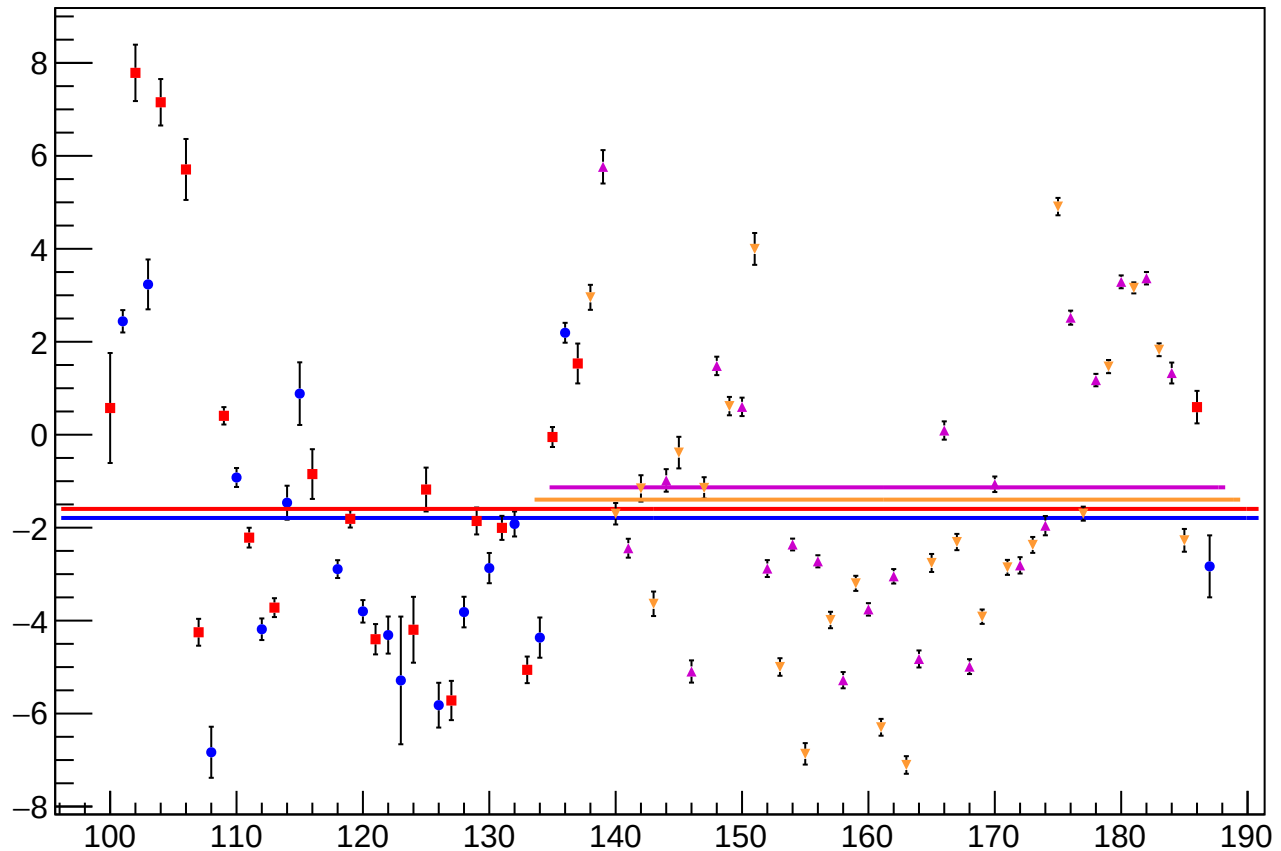
Left In: 16.854 ± 0.039 $\chi^2/\text{NDF}: 40590.0/22$

+ sign 15.812 ± 0.038 $\chi^2/\text{NDF}: 111513.8/42$

All: 14.642 ± 0.026 $\chi^2/\text{NDF}: 196282.5/85$

- sign 13.605 ± 0.035 $\chi^2/\text{NDF}: 82934.6/42$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.791 ± 0.072 χ^2/NDF : 1274.5/17

Left Out: -1.397 ± 0.037 χ^2/NDF : 7631.3/24

Right Out: -1.596 ± 0.067 χ^2/NDF : 1470.3/19

Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

+ sign -1.479 ± 0.033 χ^2/NDF : 8929.7/42

All: -1.349 ± 0.023 χ^2/NDF : 17105.8/85

- sign -1.233 ± 0.031 χ^2/NDF : 8146.4/42

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug

