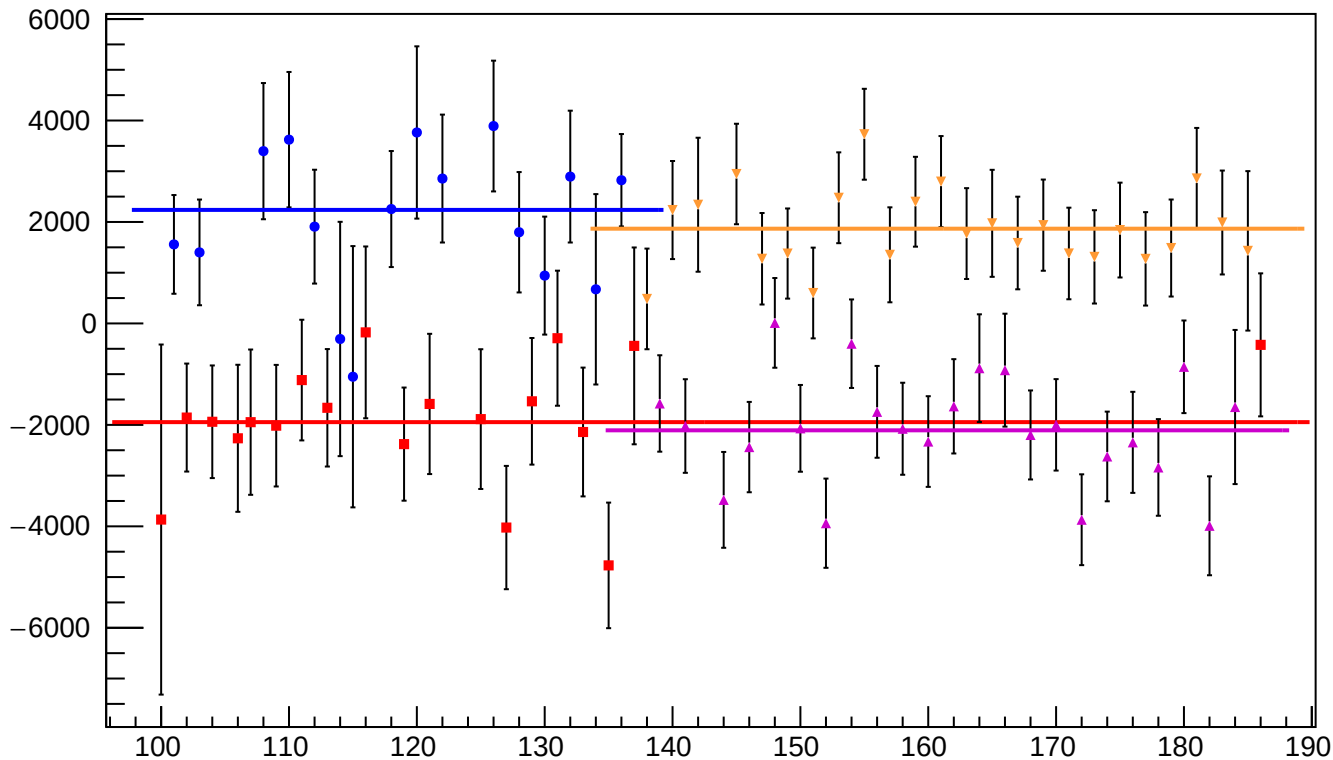


dit_asym_us_avg_mean vs Slug



Right In: 2237.929 $\pm$ 314.642

χ^2 /NDF: 11.3/15

Left Out: 1867.512 $\pm$ 194.801

χ^2 /NDF: 15.1/23

Right Out: -1945.723 $\pm$ 301.238

χ^2 /NDF: 13.8/18

Left In: -2107.246 $\pm$ 194.959

χ^2 /NDF: 30.0/22

+ sign 1970.153 $\pm$ 165.627

χ^2 /NDF: 27.4/39

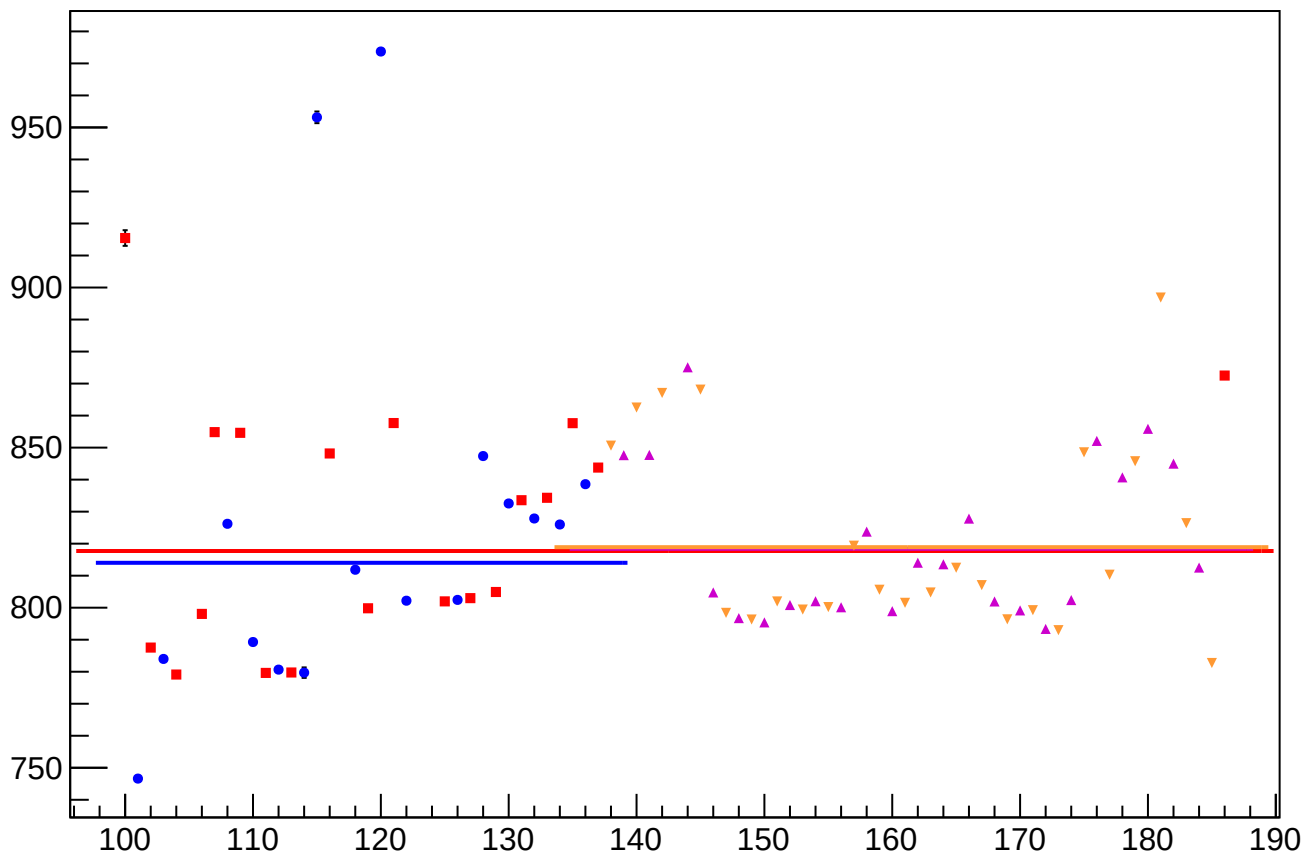
All: -68.632 $\pm$ 116.419

χ^2 /NDF: 370.9/81

- sign -2059.563 $\pm$ 163.672

χ^2 /NDF: 44.0/41

dit_asym_us_avg_rms vs Slug



Right In: 814.021 $\pm$ 0.222 χ^2 /NDF: 42041.6/15

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

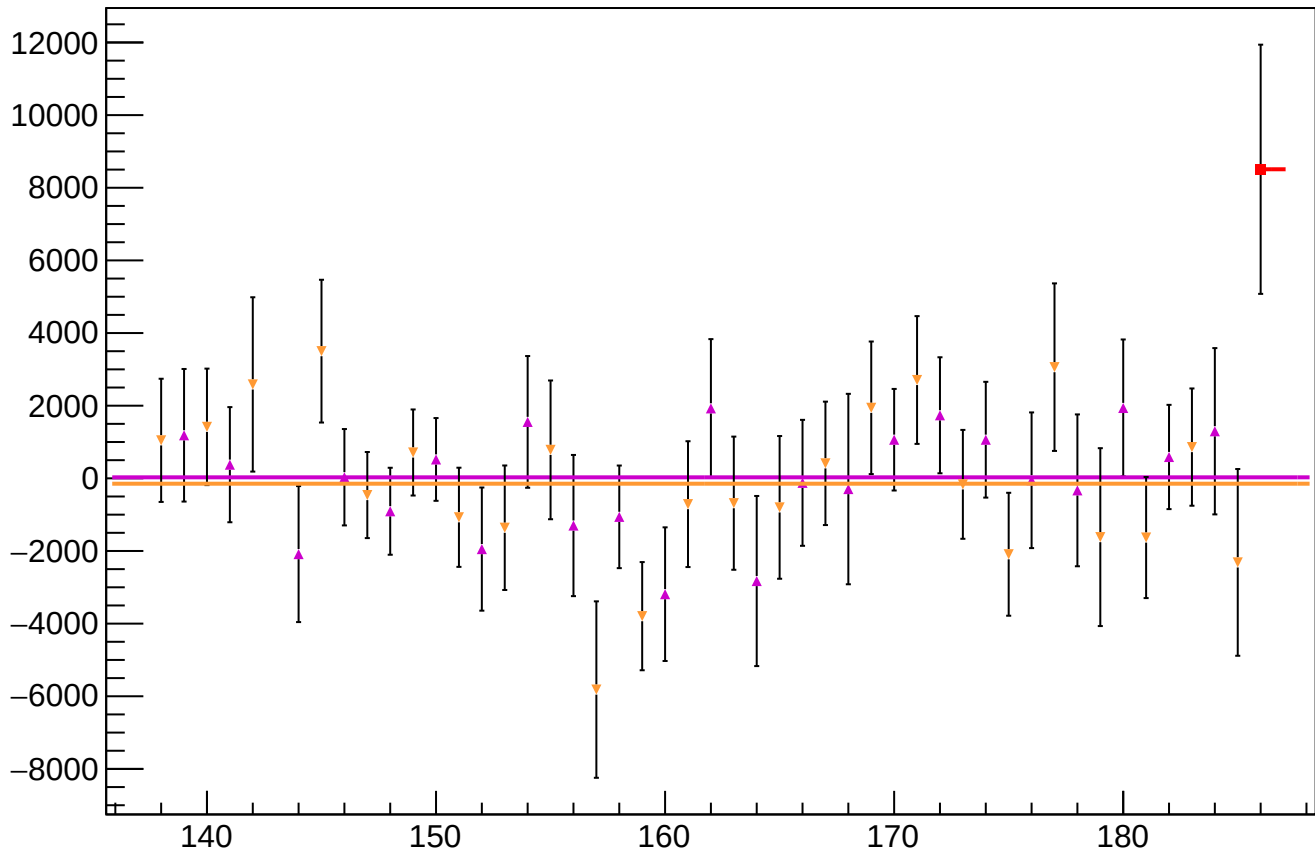
Left In: 818.403 $\pm$ 0.138 χ^2 /NDF: 29907.0/22

+ sign 817.548 $\pm$ 0.117 χ^2 /NDF: 84060.2/39

All: 817.877 $\pm$ 0.082 χ^2 /NDF: 137117.0/81

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

asym_us_avg_correction_mean vs Slug



Right In: 0.000+/-0.000 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

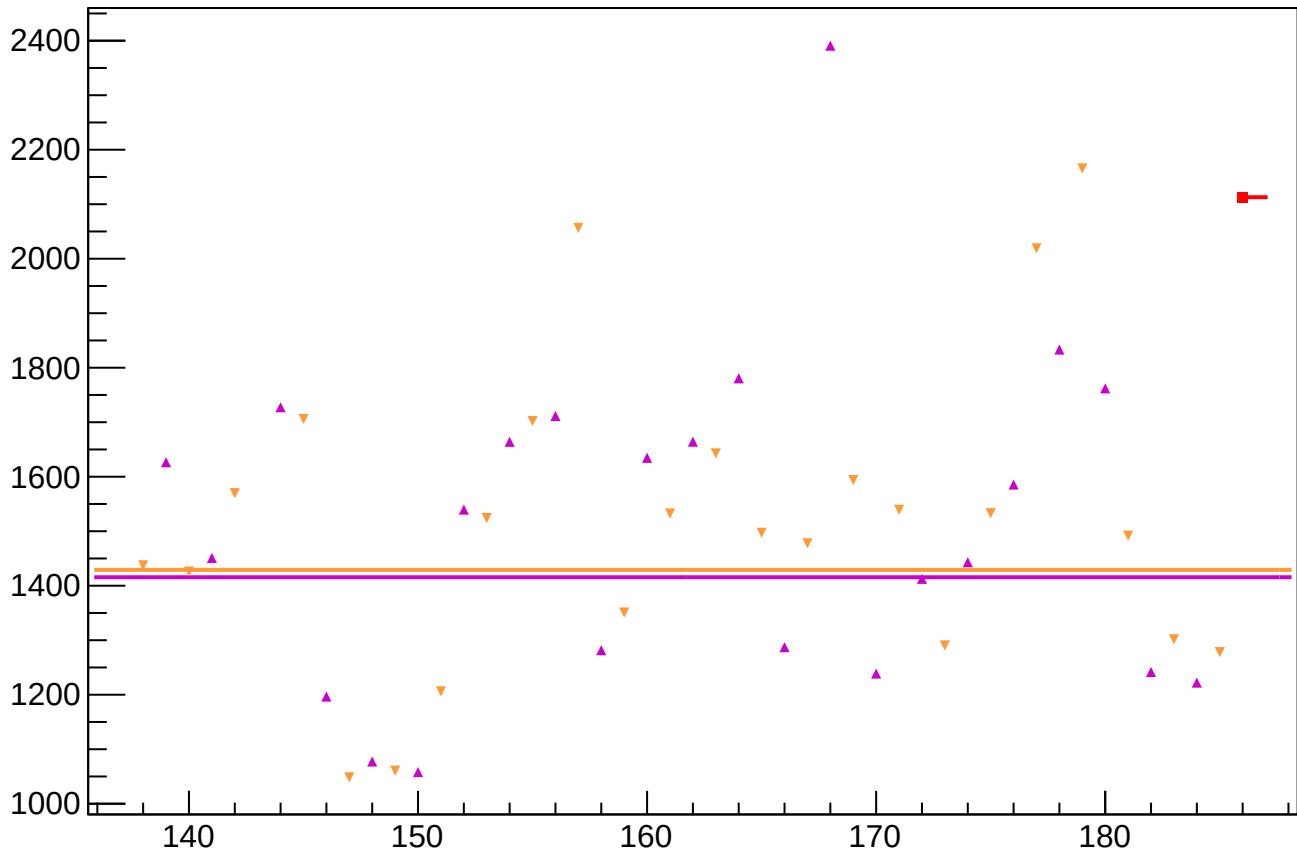
Left In: 27.722+/-344.229 χ^2/NDF : 14.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.822+/-244.022 χ^2/NDF : 50.5/47

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

asym_us_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 2112.839+/-2.426 χ^2/NDF : 0.0/0

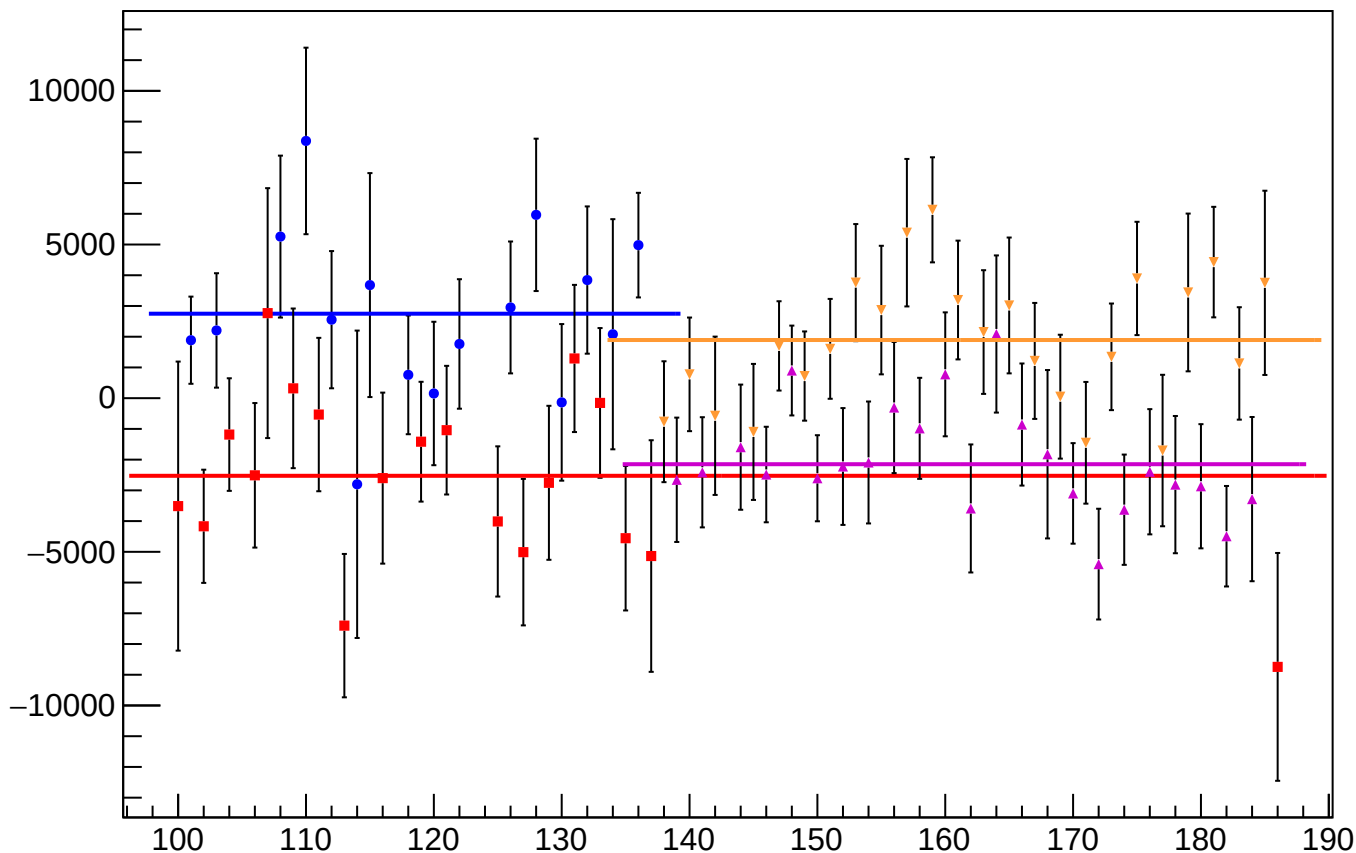
Left In: 1415.555+/-0.243 χ^2/NDF : 1245603.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1425.736+/-0.173 χ^2/NDF : 2434722.9/47

- sign 1422.506+/-0.242 χ^2/NDF : 1327412.1/23

asym_us_avg_mean vs Slug



Right In: 2748.777 $\pm$ 562.943 χ^2 /NDF: 13.5/15

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

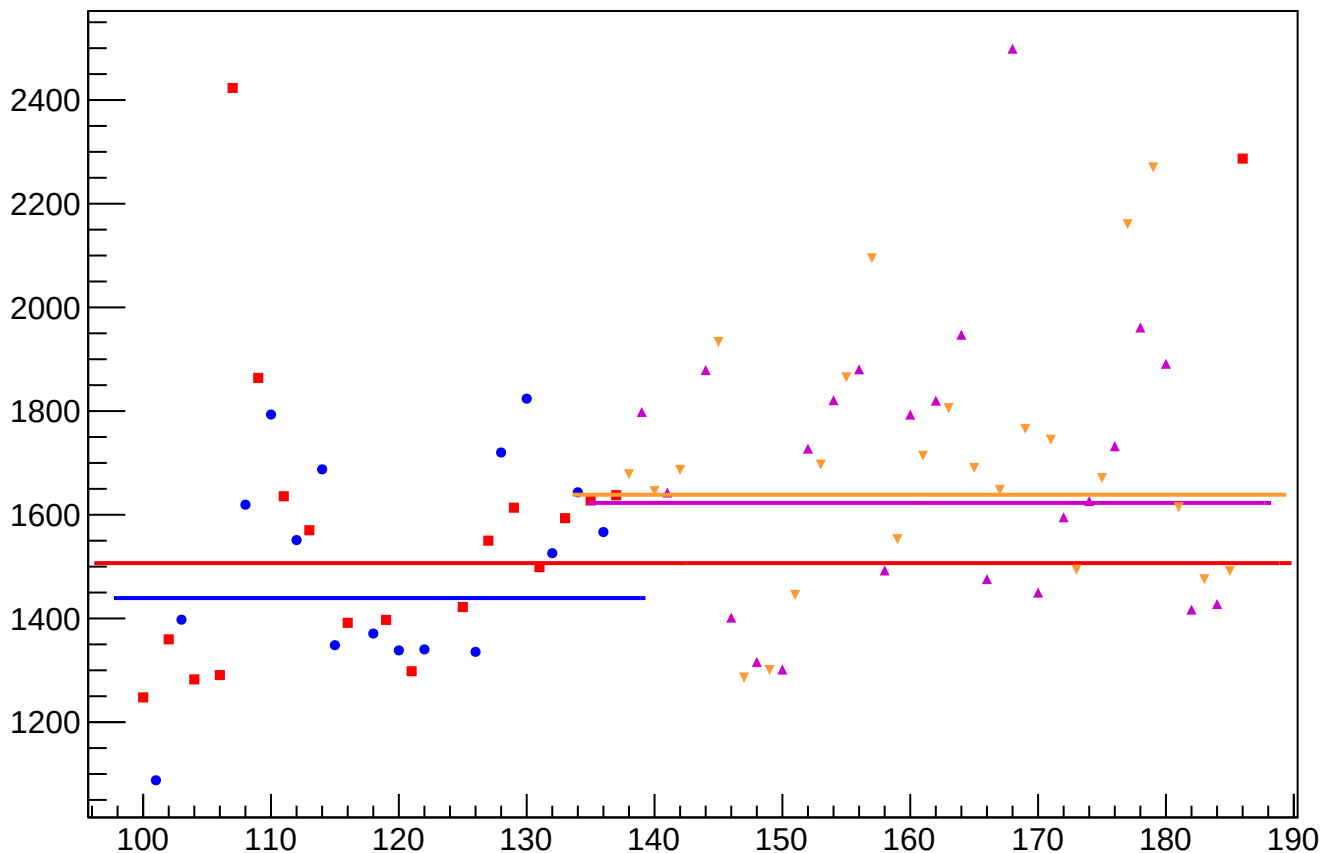
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

+ sign 2174.809 $\pm$ 323.232 χ^2 /NDF: 41.0/39

All: -61.055 $\pm$ 227.919 χ^2 /NDF: 174.0/81

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

asym_us_avg_rms vs Slug



Right In: 1439.332 $\pm$ 0.398 χ^2 /NDF: 277860.8/15

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

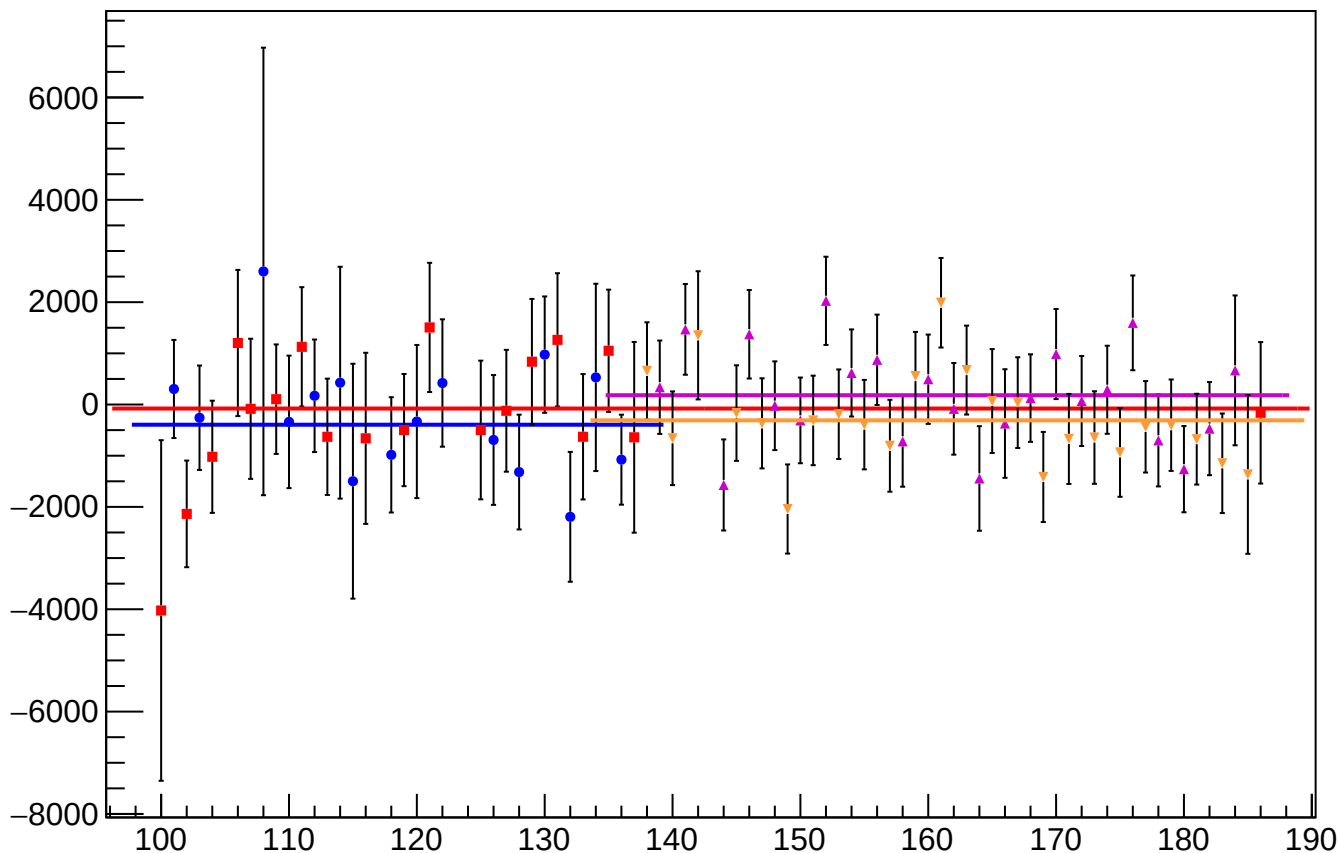
Left In: 1622.876 $\pm$ 0.277 χ^2 /NDF: 780522.2/22

+ sign 1572.957 $\pm$ 0.229 χ^2 /NDF: 1117956.1/39

All: 1578.985 $\pm$ 0.161 χ^2 /NDF: 2304288.5/81

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

dit_asym_us_dd_mean vs Slug



Right In: -394.364 ± 313.174 χ^2/NDF : 7.4/15

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

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

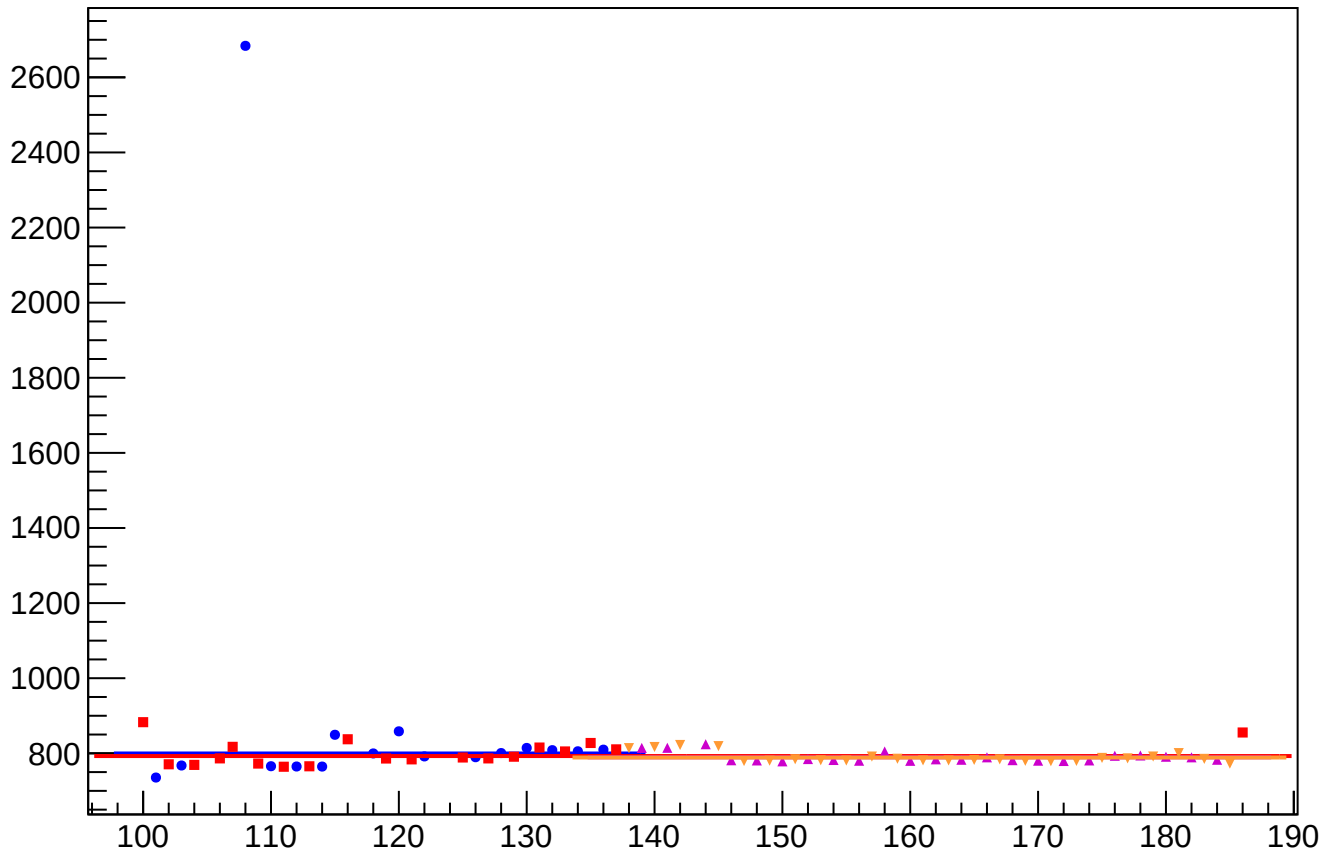
Left In: 181.983 ± 187.935 χ^2/NDF : 25.6/22

+ sign -331.382 ± 160.838 χ^2/NDF : 28.0/39

All: -108.944 ± 112.706 χ^2/NDF : 70.8/81

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

dit_asym_us_dd_rms vs Slug



Right In: 799.537 $\pm$ 0.221 χ^2 /NDF: 391185.9/15

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

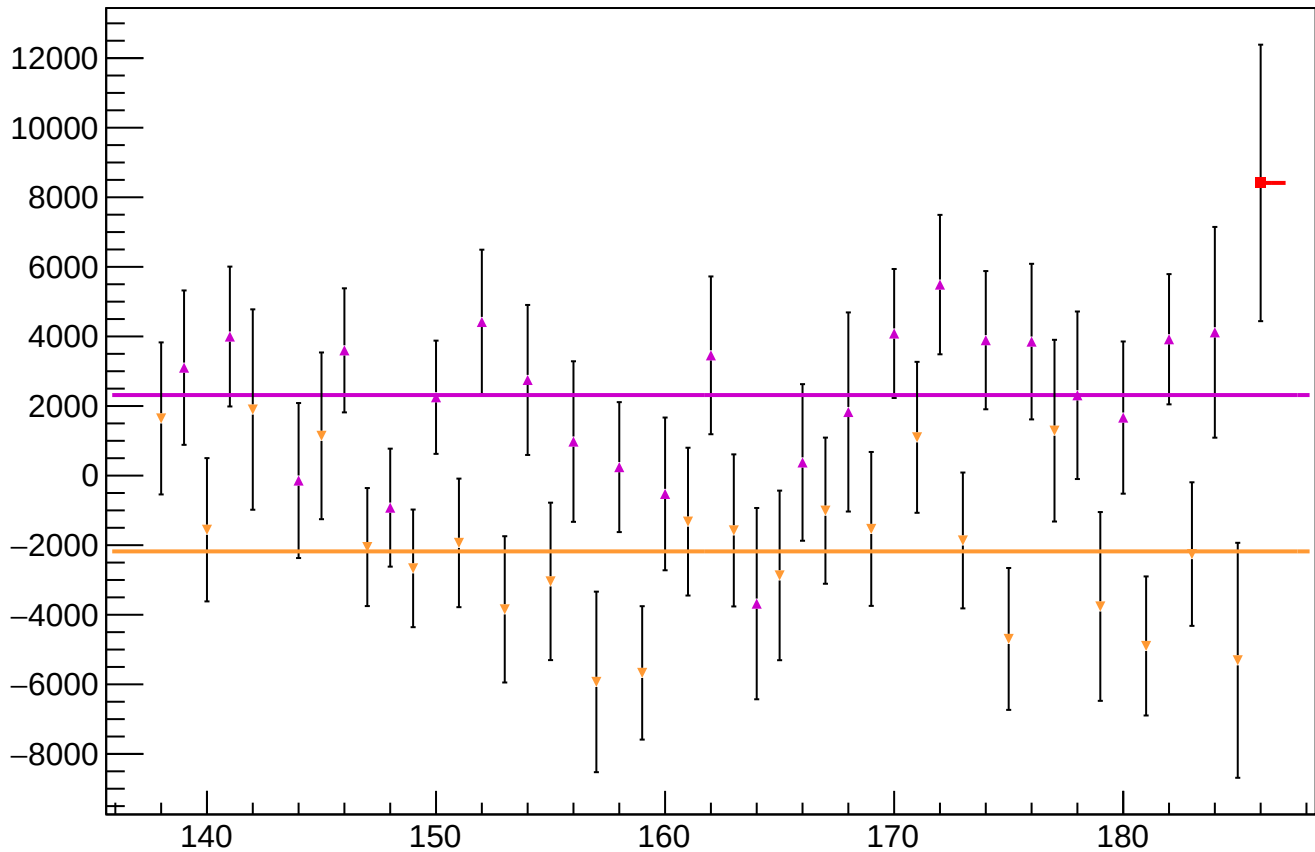
Left In: 789.406 $\pm$ 0.133 χ^2 /NDF: 9219.1/22

+ sign 791.695 $\pm$ 0.114 χ^2 /NDF: 402231.5/39

All: 791.025 $\pm$ 0.080 χ^2 /NDF: 427187.6/81

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

asym_us_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 8412.934 $\pm$ 3973.746 χ^2 /NDF: 0.0/0

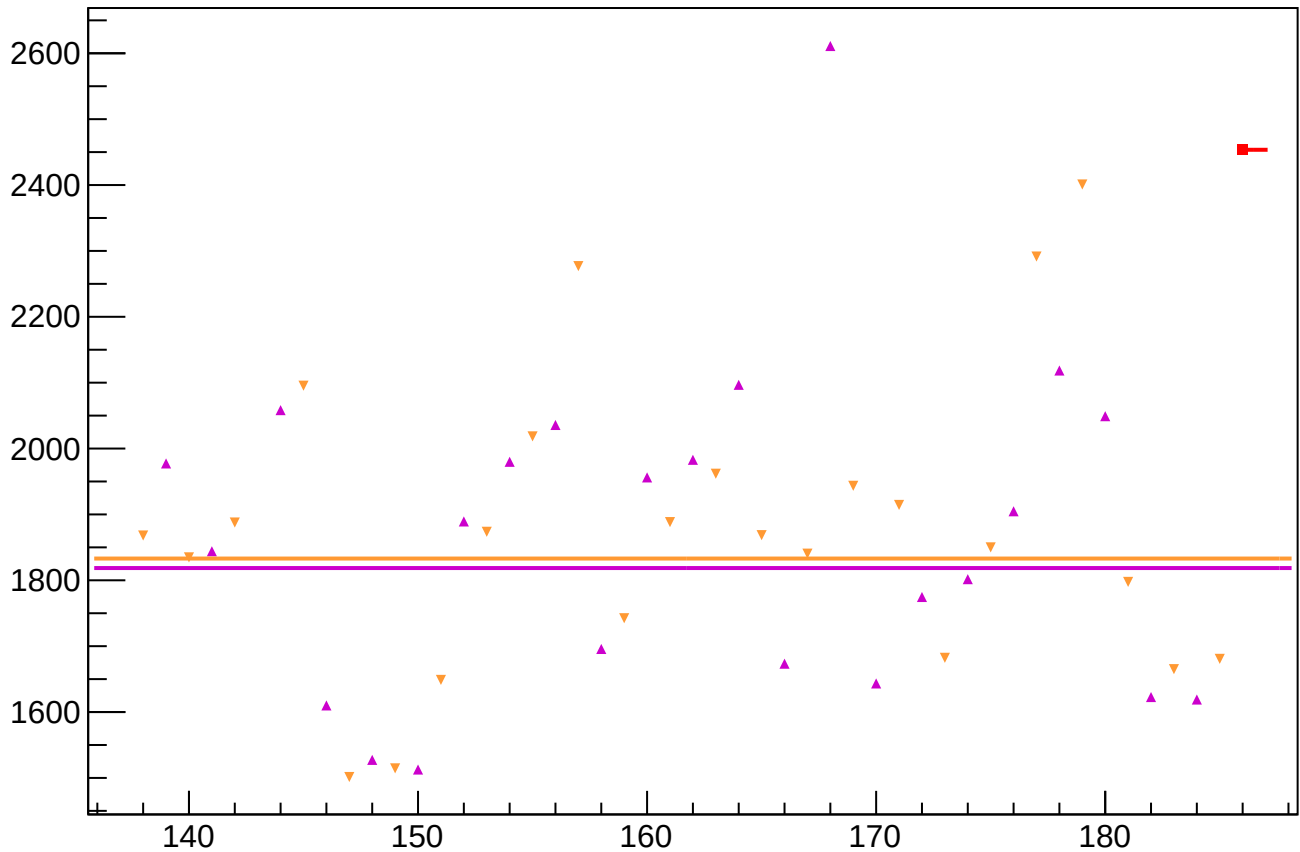
Left In: 2315.169 $\pm$ 437.003 χ^2 /NDF: 22.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.352 $\pm$ 309.005 χ^2 /NDF: 101.6/47

- sign 2388.034 $\pm$ 434.384 χ^2 /NDF: 24.3/23

asym_us_dd_correction_rms vs Slug



Right In: 0.000 ± 0.000 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

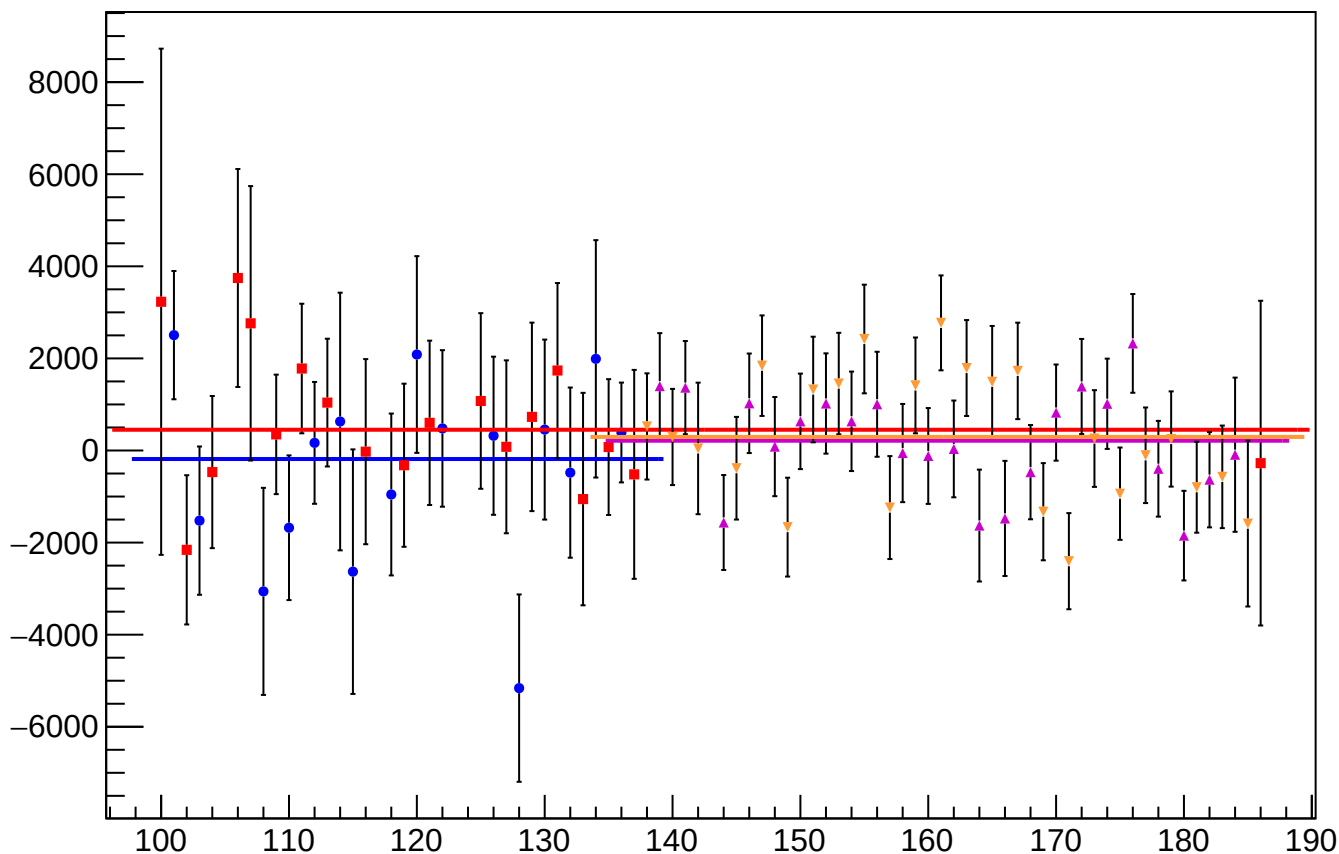
Left In: 1818.594 ± 0.309 χ^2/NDF : 536826.7/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1829.563 ± 0.218 χ^2/NDF : 1052988.4/47

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

asym_us_dd_mean vs Slug



Right In: -185.054 ± 431.495 χ^2/NDF : 16.6/15

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

Right Out: 450.623 ± 423.826 χ^2/NDF : 8.4/18

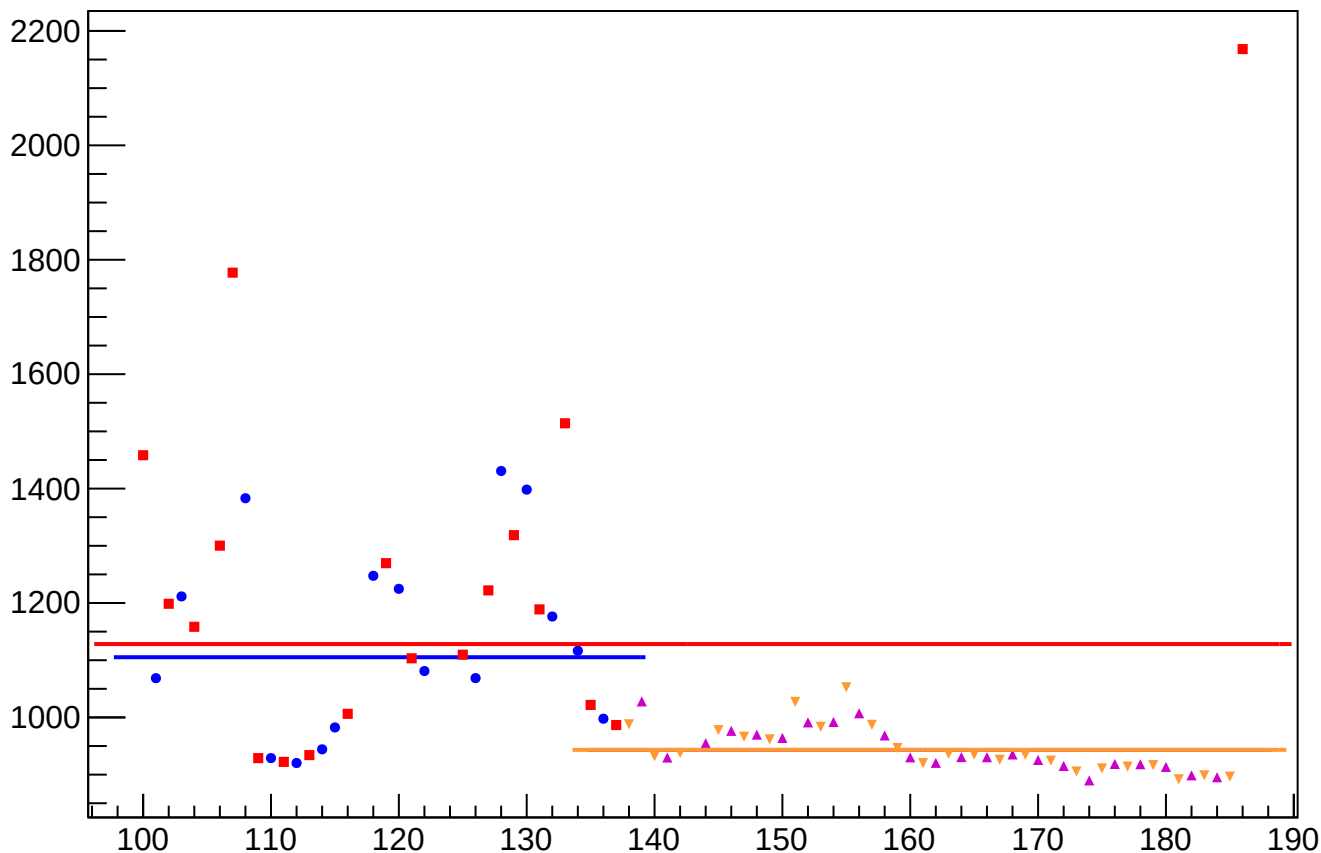
Left In: 212.080 ± 224.701 χ^2/NDF : 23.7/22

+ sign 192.571 ± 199.048 χ^2/NDF : 55.9/39

All: 228.590 ± 140.563 χ^2/NDF : 88.3/81

- sign 264.419 ± 198.525 χ^2/NDF : 32.4/41

asym_us_dd_rms vs Slug



Right In: 1105.236 $\pm$ 0.305 χ^2 /NDF: 255366.2/15

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

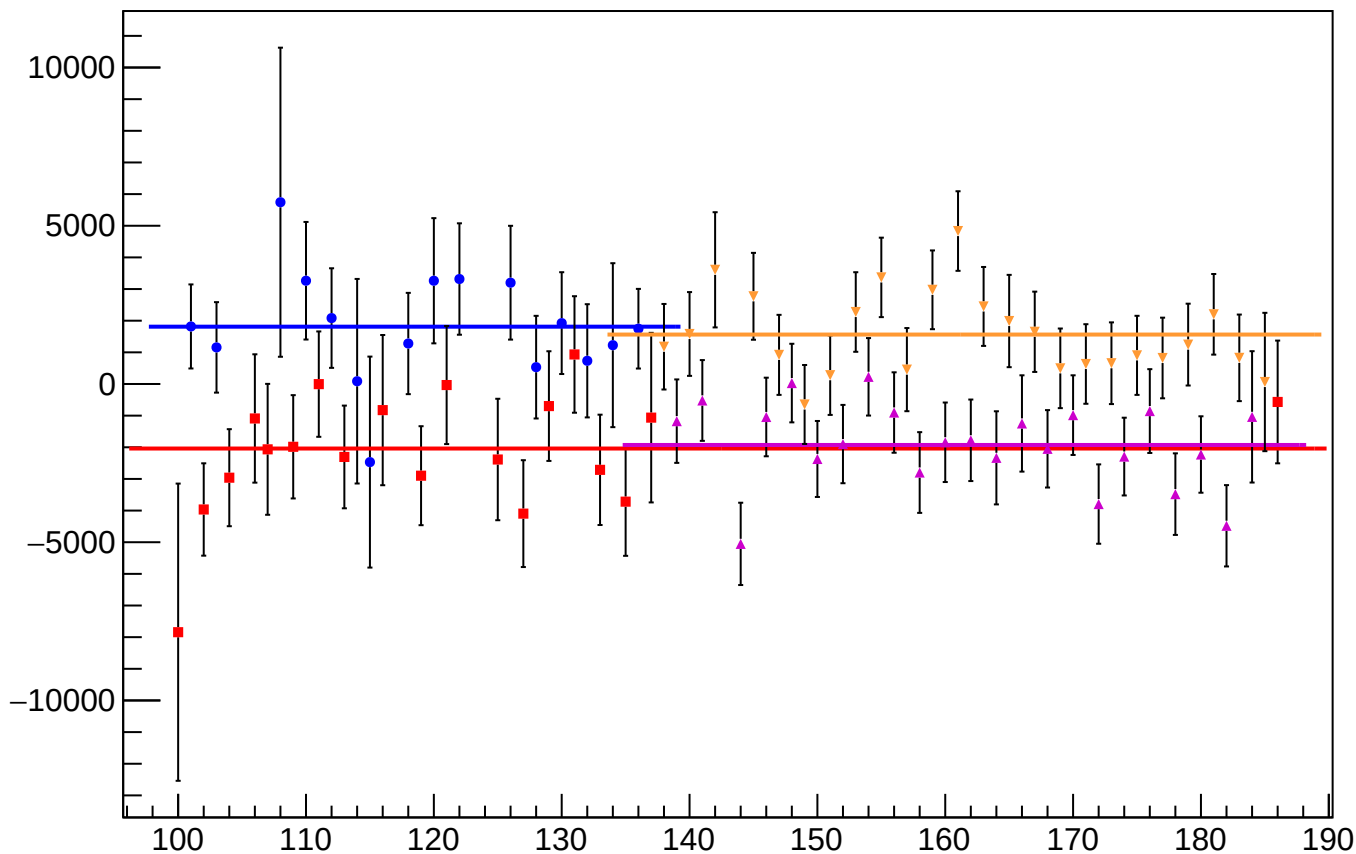
Left In: 943.137 $\pm$ 0.159 χ^2 /NDF: 49948.2/22

+ sign 977.781 $\pm$ 0.141 χ^2 /NDF: 537445.2/39

All: 980.771 $\pm$ 0.099 χ^2 /NDF: 1425574.3/81

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

dit_asym_usl_mean vs Slug



Right In: 1811.054 $\pm$ 442.142 χ^2 /NDF: 6.5/15

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

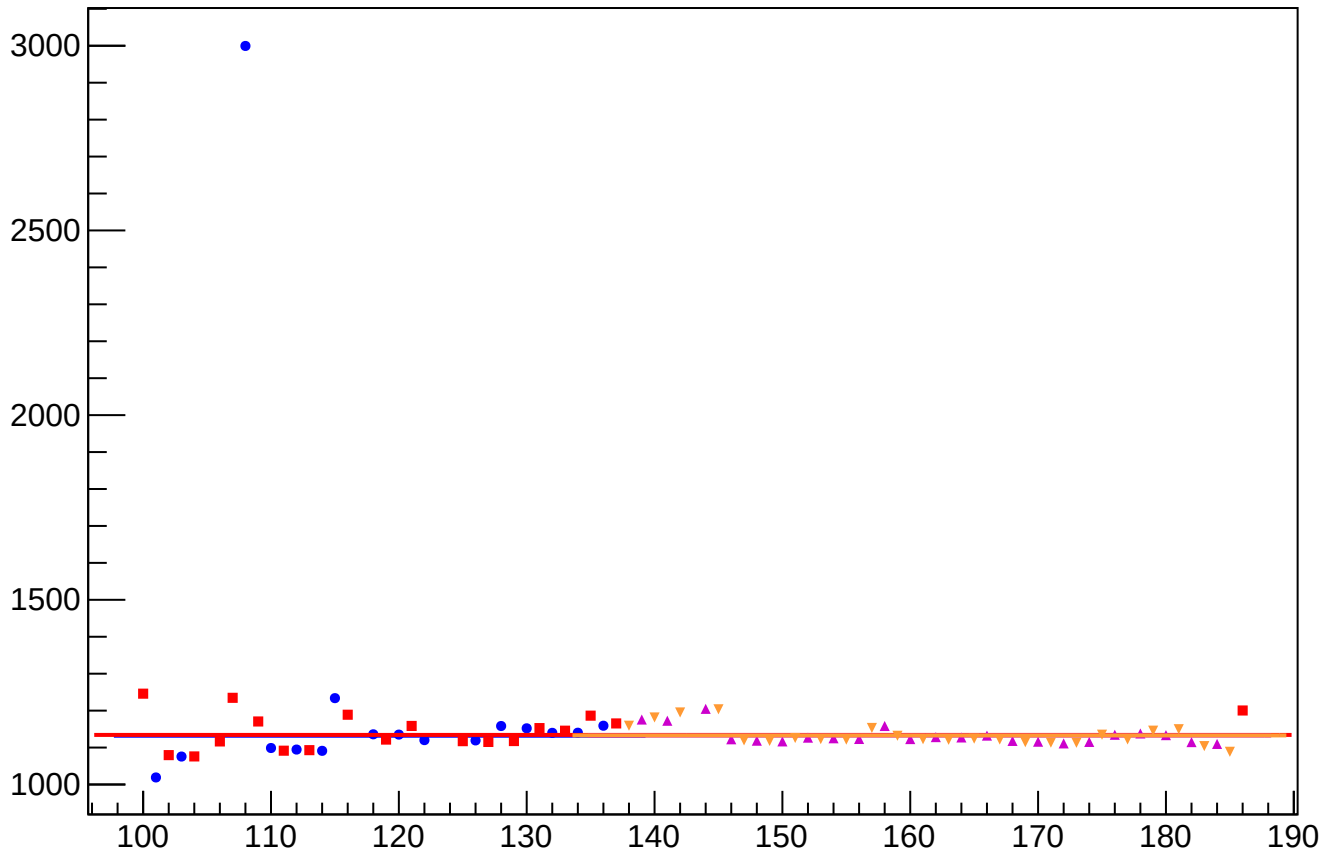
Left In: -1926.929 $\pm$ 269.667 χ^2 /NDF:24.1/22

+ sign 1629.449 $\pm$ 229.979 χ^2 /NDF: 28.4/39

All: -192.284 $\pm$ 161.392 χ^2 /NDF: 189.9/81

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

dit_asym_usl_rms vs Slug



Right In: 1132.074 $\pm$ 0.313 χ^2 /NDF: 316026.3/15

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

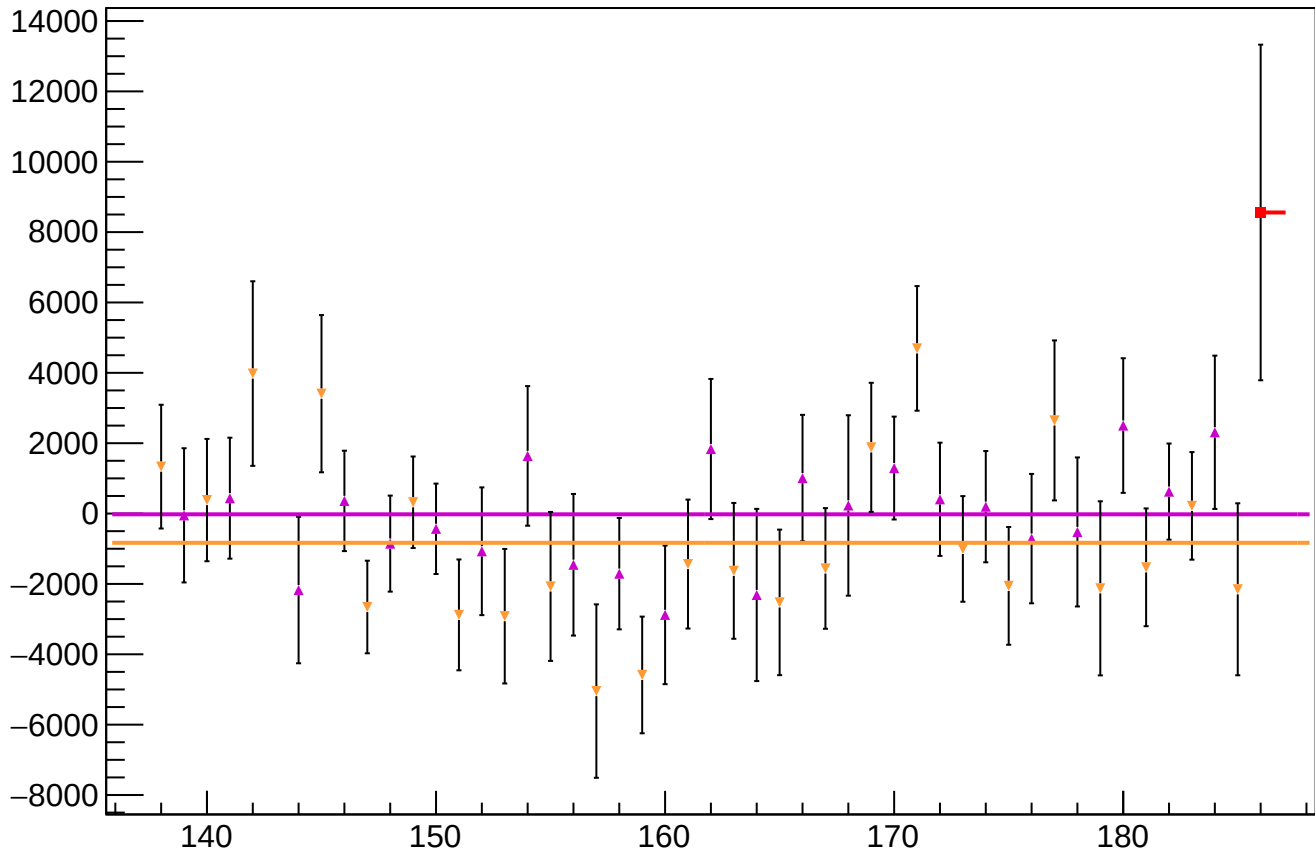
Left In: 1132.570 $\pm$ 0.191 χ^2 /NDF:14524.8/22

+ sign 1132.664 $\pm$ 0.163 χ^2 /NDF: 332817.9/39

All: 1132.865 $\pm$ 0.114 χ^2 /NDF: 369525.7/81

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

asym_usl_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

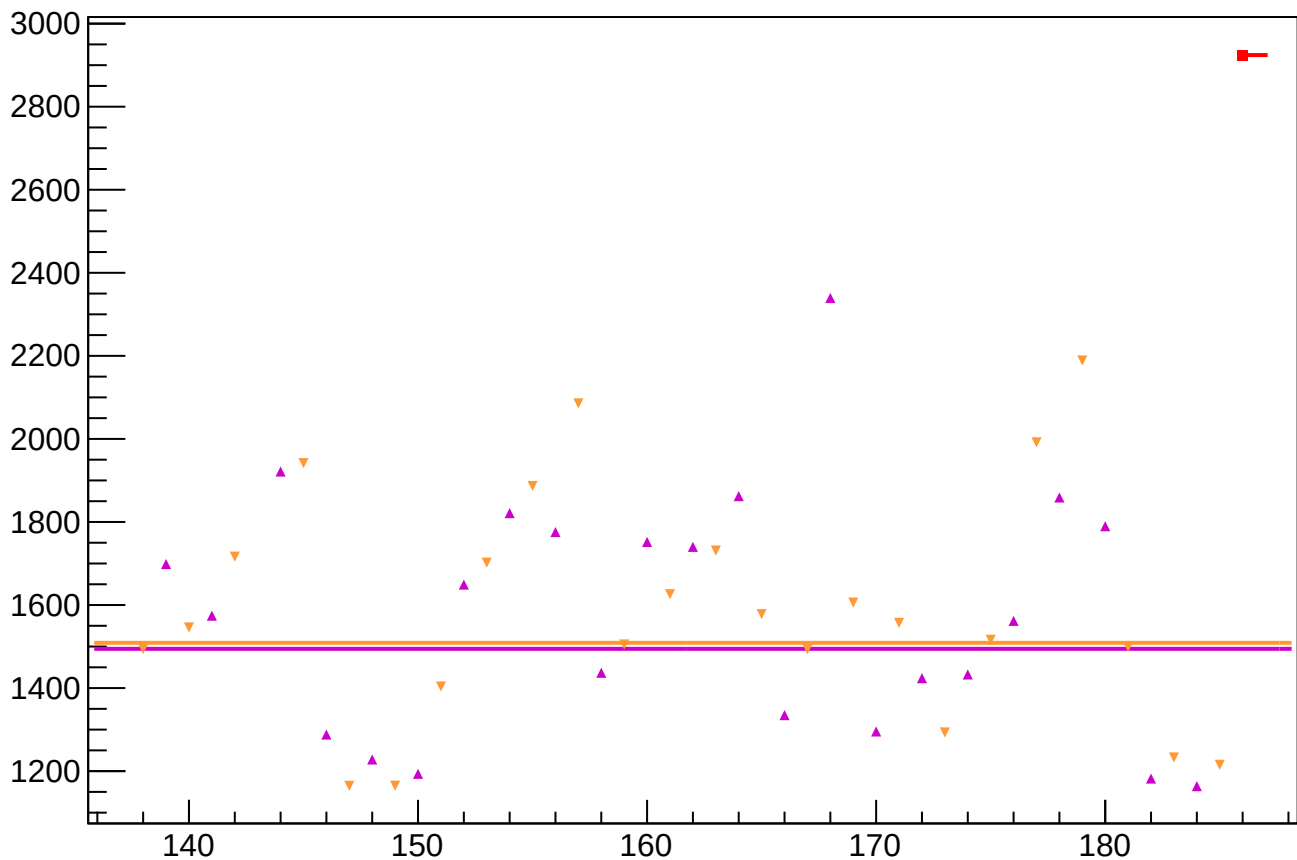
Left In: -21.419 $\pm$ 362.476 χ^2 /NDF:12.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -396.051 $\pm$ 257.201 χ^2 /NDF: 58.9/47

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

asym_usl_correction_rms vs Slug



Right In: 0.000+/-0.000 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

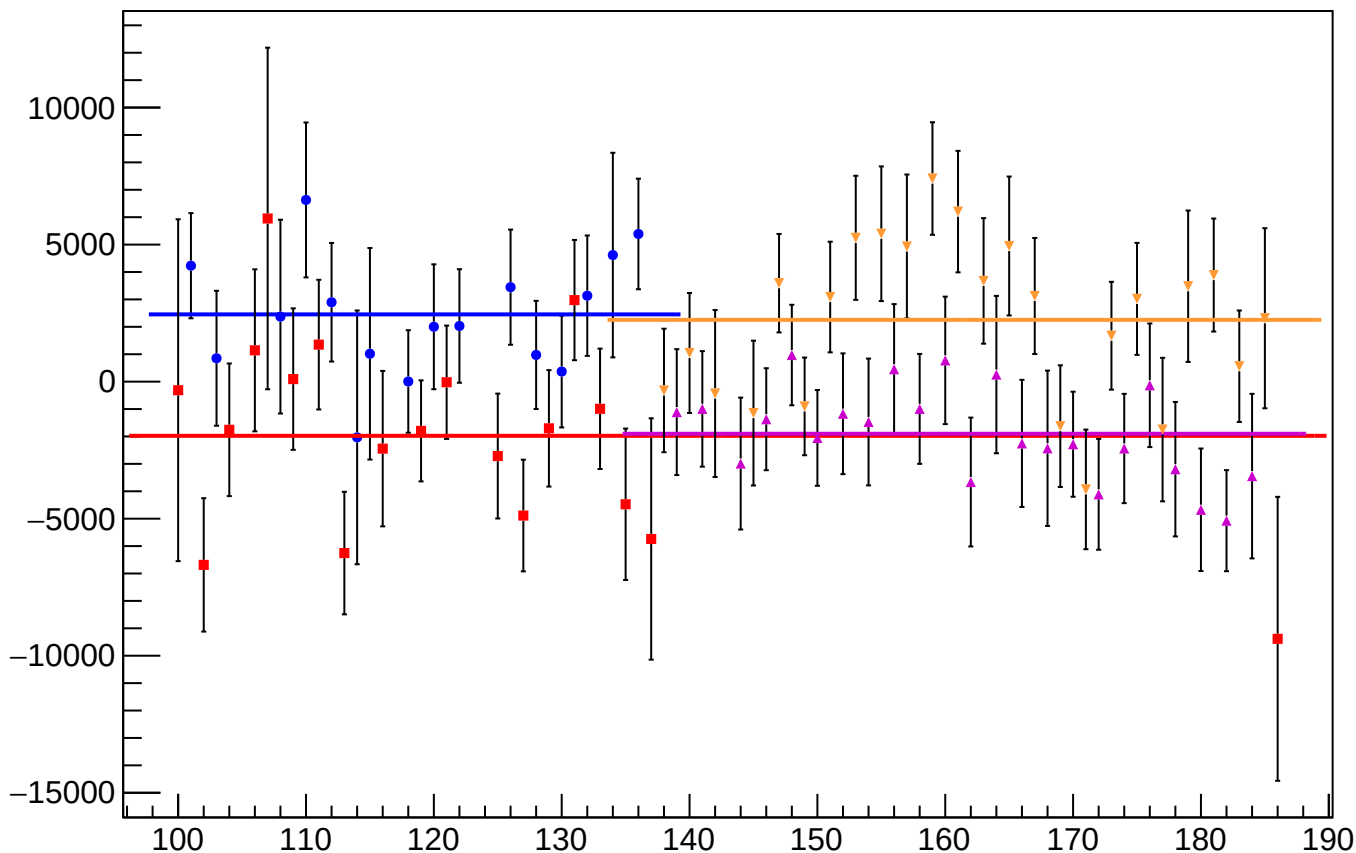
Left In: 1494.507+/-0.256 χ^2/NDF : 1096280.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1505.814+/-0.182 χ^2/NDF : 2263933.2/47

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

asym_usl_mean vs Slug



Right In: 2453.670 $\pm$ 584.307 χ^2/NDF : 10.8/15

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

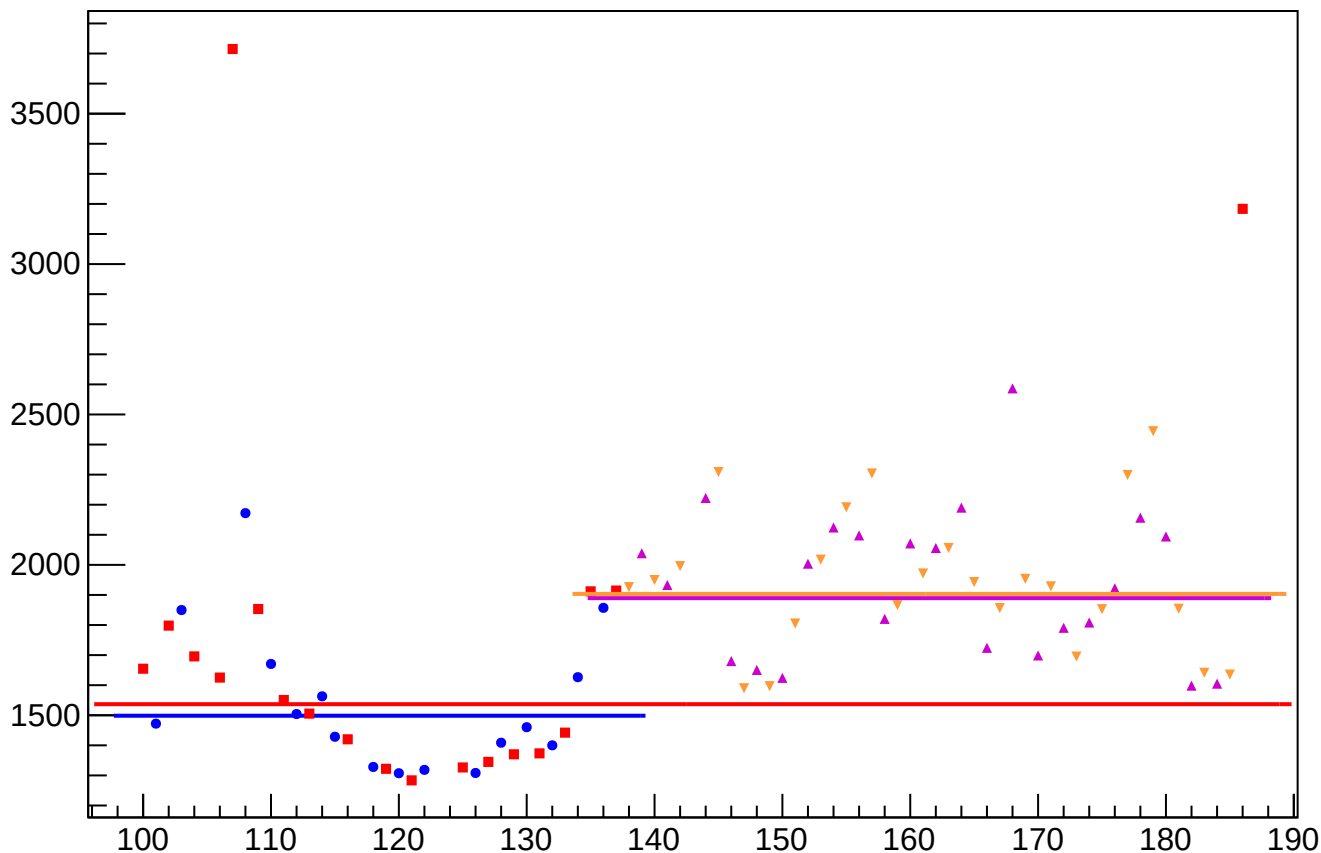
Left In: -1901.797 $\pm$ 453.879 χ^2/NDF : 13.9/22

+ sign 2329.645 $\pm$ 359.676 χ^2/NDF : 49.5/39

All: 185.767 $\pm$ 253.496 χ^2/NDF : 158.8/81

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

asym_usl_rms vs Slug



Right In: 1498.485+/-0.413 χ^2/NDF : 258807.5/15

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

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

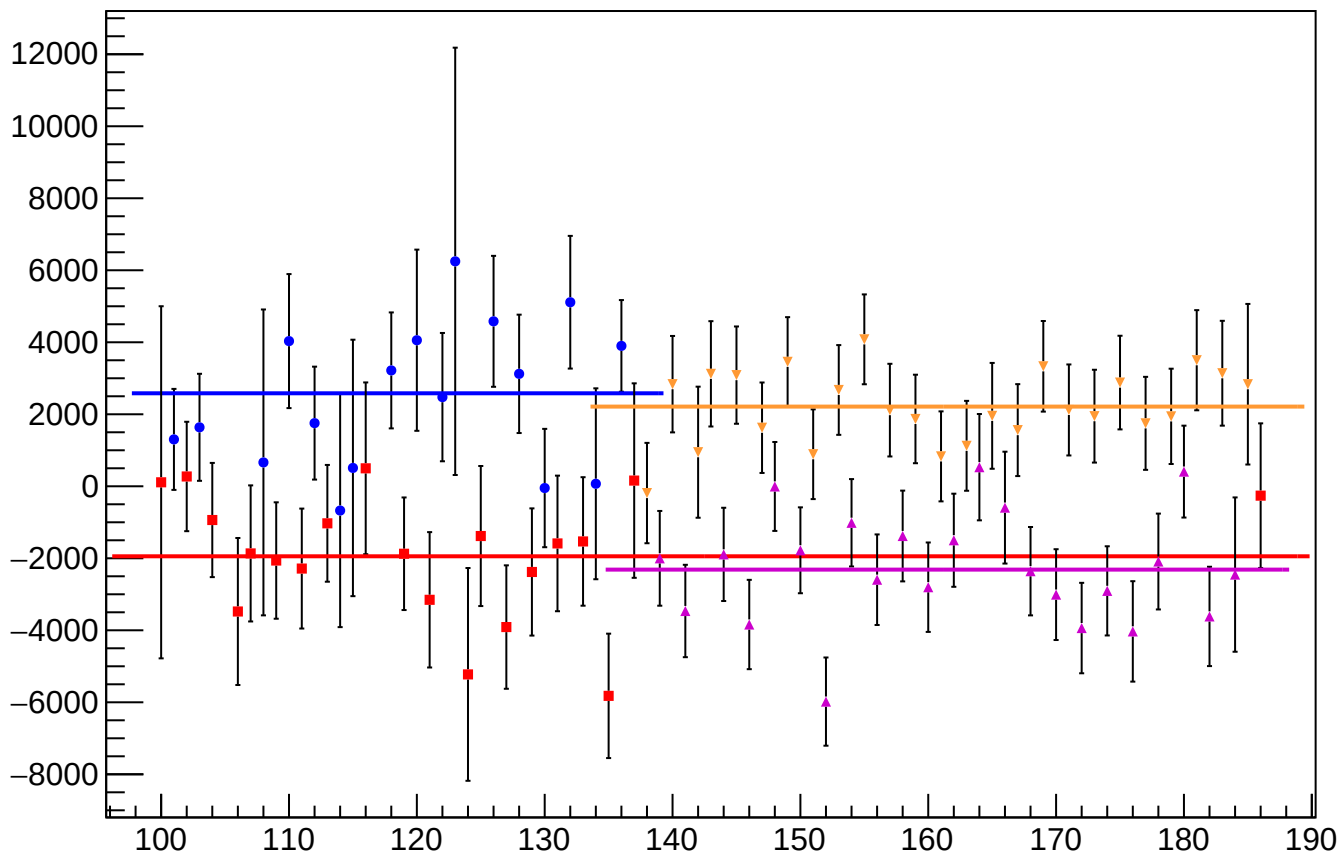
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

+ sign 1750.007+/-0.254 χ^2/NDF : 1317397.0/39

All: 1752.676+/-0.179 χ^2/NDF : 2970155.8/83

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

dit_asym_usr_mean vs Slug



Right In: 2582.988 $\pm$ 453.193 χ^2 /NDF: 12.3/16

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

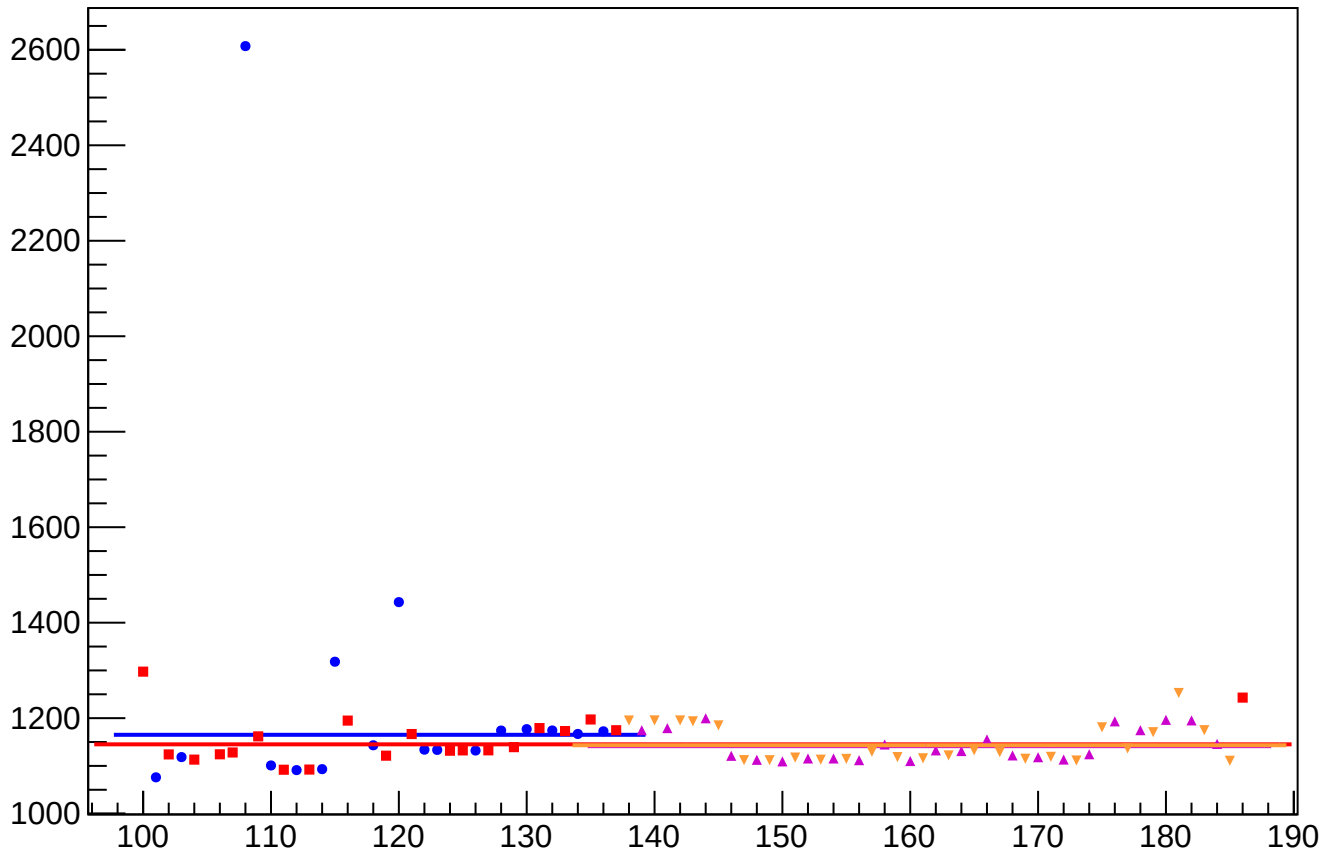
Left In: -2314.778 $\pm$ 271.873 χ^2 /NDF:31.6/22

+ sign 2308.520 $\pm$ 229.994 χ^2 /NDF: 27.0/41

All: 30.512 $\pm$ 161.855 χ^2 /NDF: 267.7/84

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

dit_asym_usr_rms vs Slug



Right In: 1165.146 $\pm$ 0.320 χ^2 /NDF: 278570.1/16

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

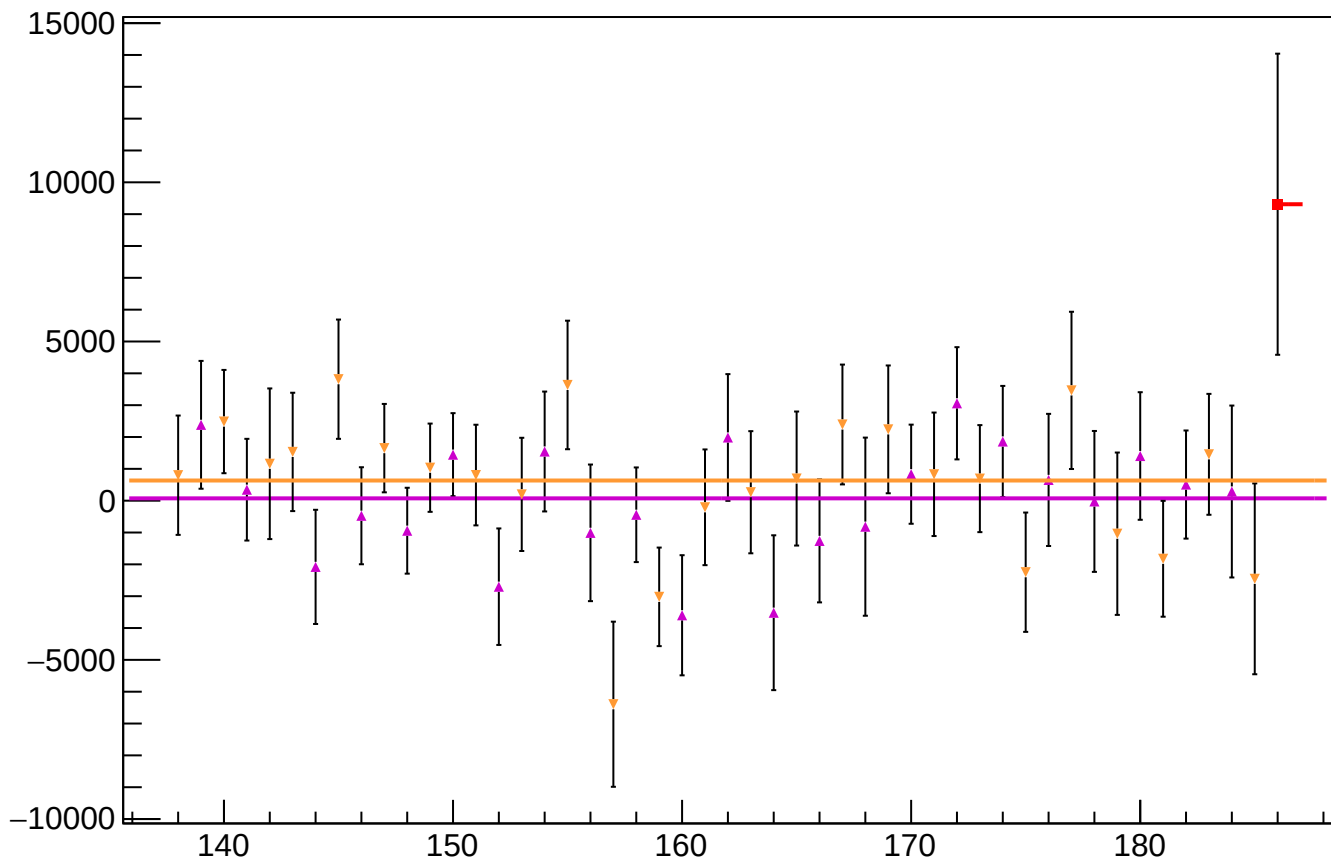
Left In: 1141.363 $\pm$ 0.192 χ^2 /NDF: 28014.9/22

+ sign 1148.889 $\pm$ 0.163 χ^2 /NDF: 321529.9/41

All: 1145.663 $\pm$ 0.114 χ^2 /NDF: 368124.0/84

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

asym_usr_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

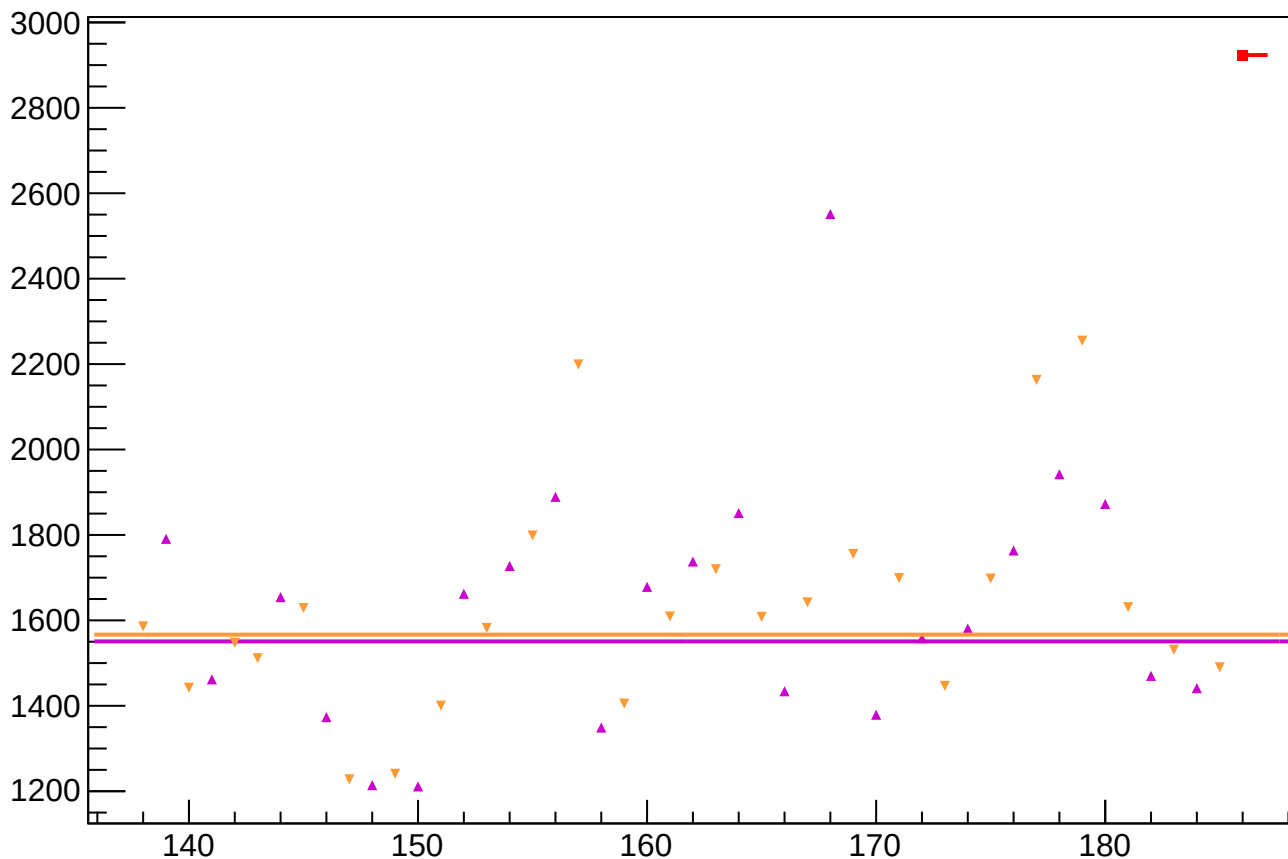
Left In: 72.962 $\pm$ 375.277 χ^2 /NDF:20.1/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 383.722 $\pm$ 263.760 χ^2 /NDF: 54.1/48

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

asym_usr_correction_rms vs Slug



Right In: 0.000+/-0.000 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

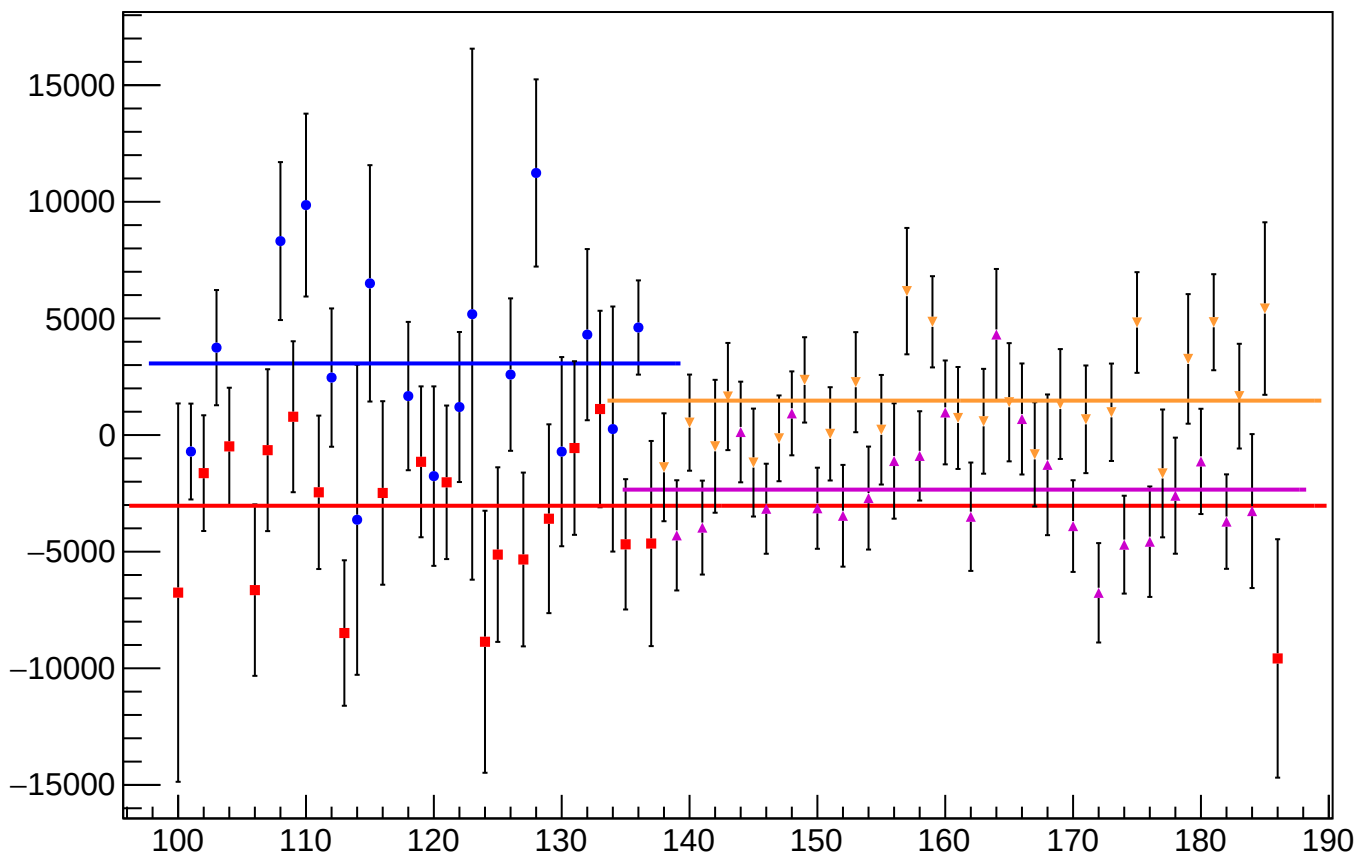
Left In: 1550.750+/-0.265 χ^2/NDF : 928652.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.004+/-0.187 χ^2/NDF : 1863437.1/48

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

asym_usr_mean vs Slug



Right In: 3069.484+/-797.741 χ^2/NDF : 18.5/16

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

Right Out: -3031.145+/-785.893 χ^2/NDF : 13.3/19

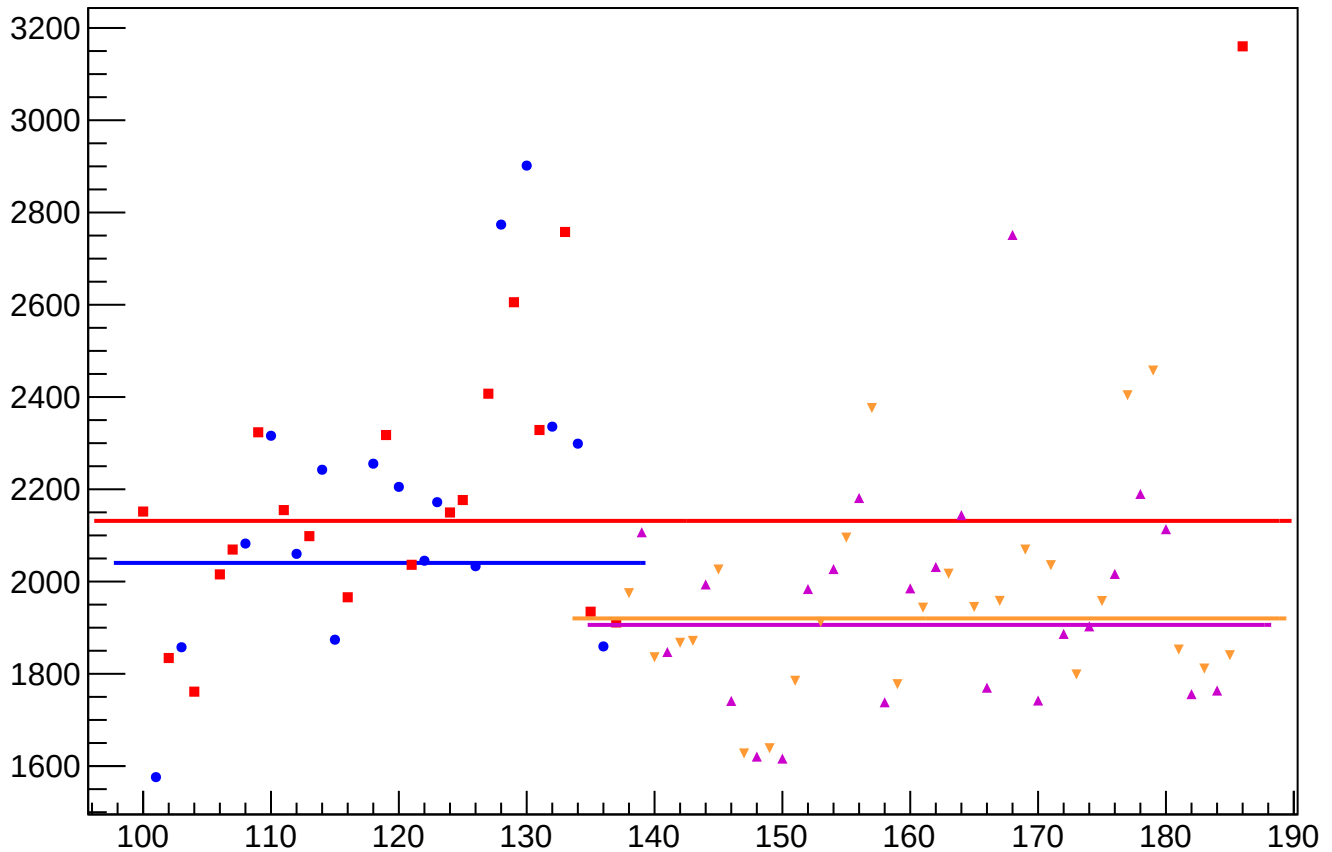
Left In: -2339.905+/-457.448 χ^2/NDF : 25.2/22

+ sign 1862.133+/-392.831 χ^2/NDF : 42.5/41

All: -312.361+/-278.660 χ^2/NDF : 143.2/84

- sign -2514.836+/-395.351 χ^2/NDF : 39.0/42

asym_usr_rms vs Slug



Right In: 2040.433 $\pm$ 0.564 χ^2 /NDF: 331339.9/16

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

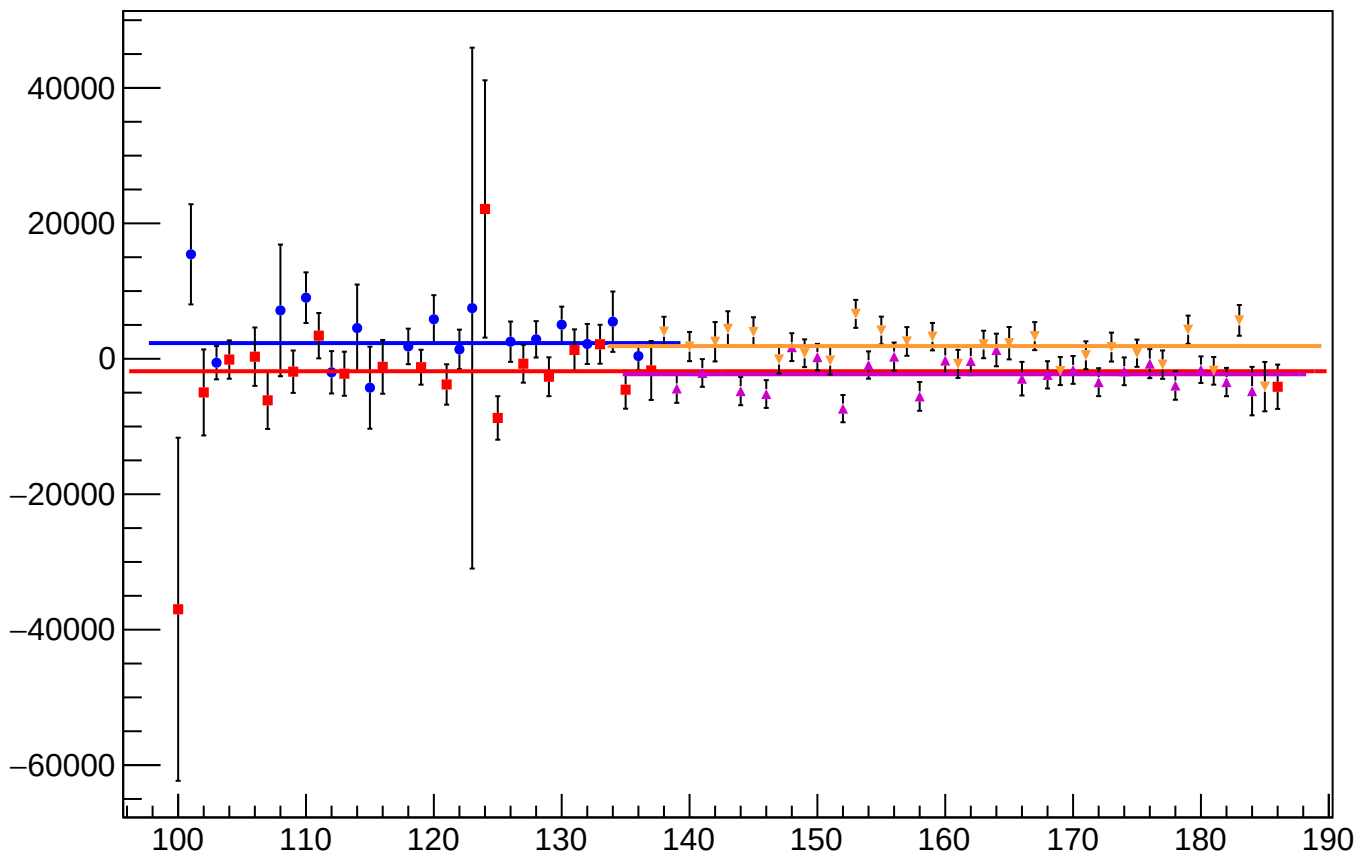
Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF:451054.7/22

+ sign 1949.266 $\pm$ 0.278 χ^2 /NDF: 731742.0/41

All: 1956.143 $\pm$ 0.197 χ^2 /NDF: 1585409.6/84

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

dit_asym_at1_avg_mean vs Slug



Right In: 2319.038+/-801.440 χ^2/NDF : 14.8/16

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

Right Out: -1836.720+/-761.368 χ^2/NDF : 17.7/19

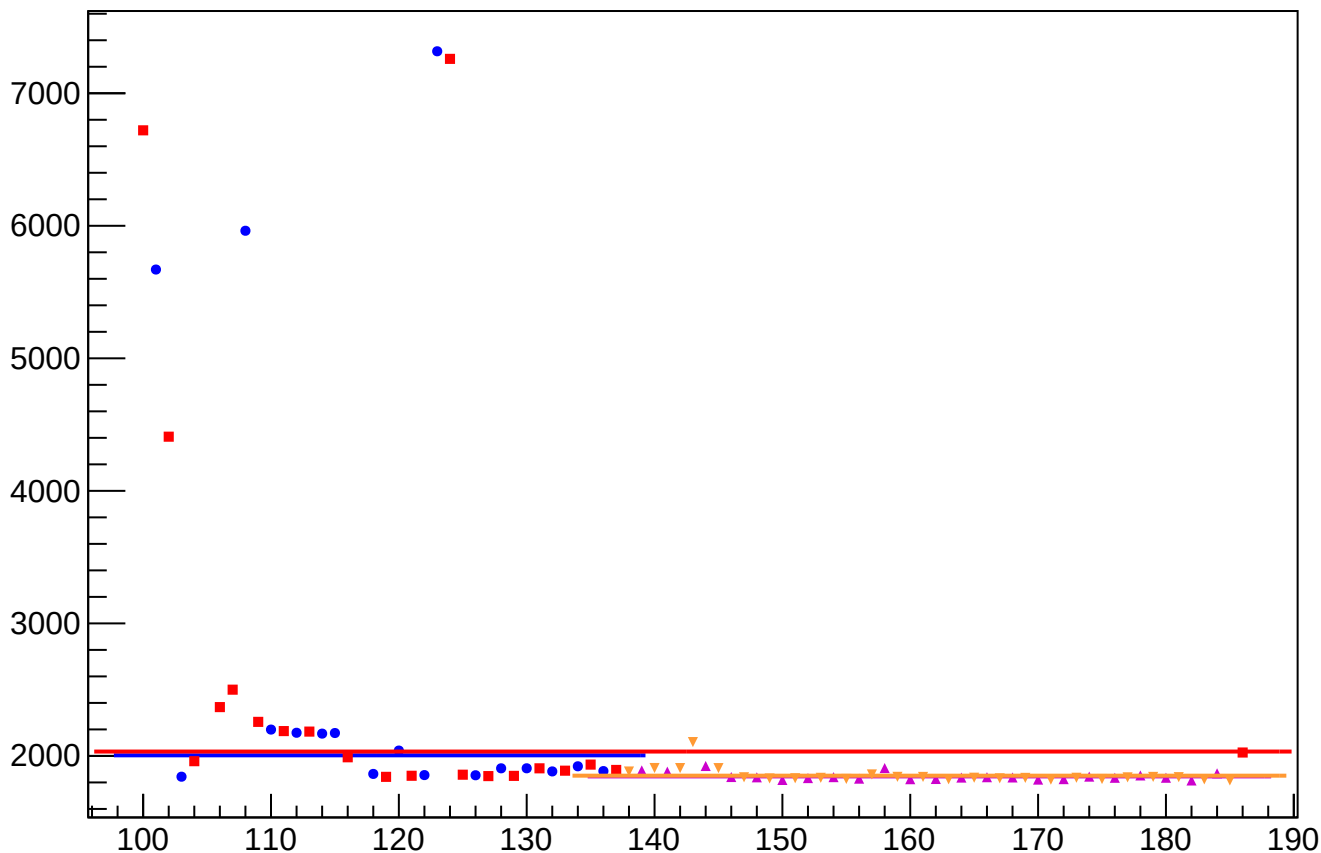
Left In: -2286.268+/-441.005 χ^2/NDF :27.3/22

+ sign 1975.641+/-381.122 χ^2/NDF : 45.1/41

All: -96.183+/-269.667 χ^2/NDF : 149.5/84

- sign -2173.333+/-381.611 χ^2/NDF : 45.3/42

dit_asym_at1_avg_rms vs Slug



Right In: 2004.551 $\pm$ 0.567 χ^2 /NDF: 916013.4/16

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

Right Out: 2033.071 $\pm$ 0.538 χ^2 /NDF: 611020.4/19

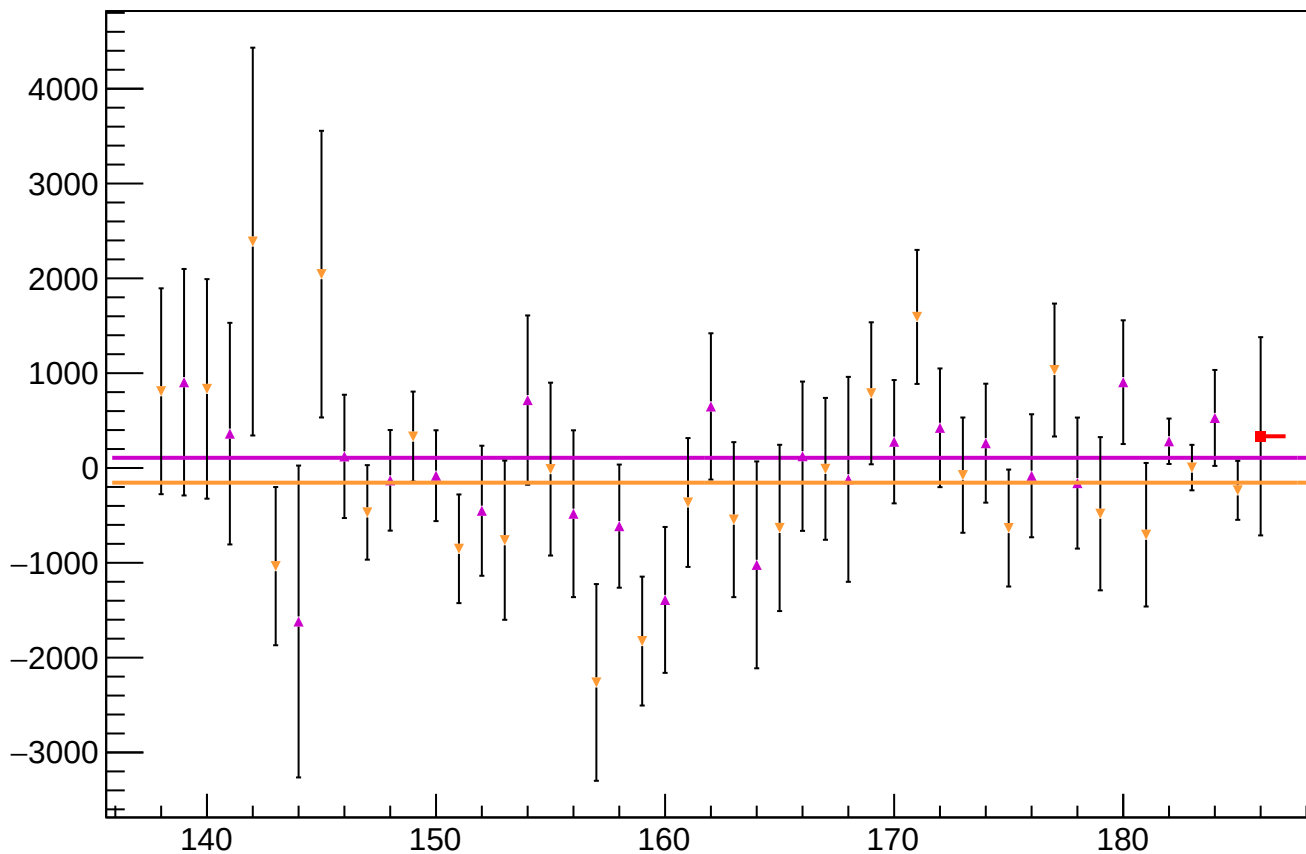
Left In: 1845.411 $\pm$ 0.312 χ^2 /NDF:8318.8/22

+ sign 1885.776 $\pm$ 0.269 χ^2 /NDF: 999029.5/41

All: 1889.161 $\pm$ 0.191 χ^2 /NDF: 1709663.9/84

- sign 1892.555 $\pm$ 0.270 χ^2 /NDF: 710318.4/42

asym_at1_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

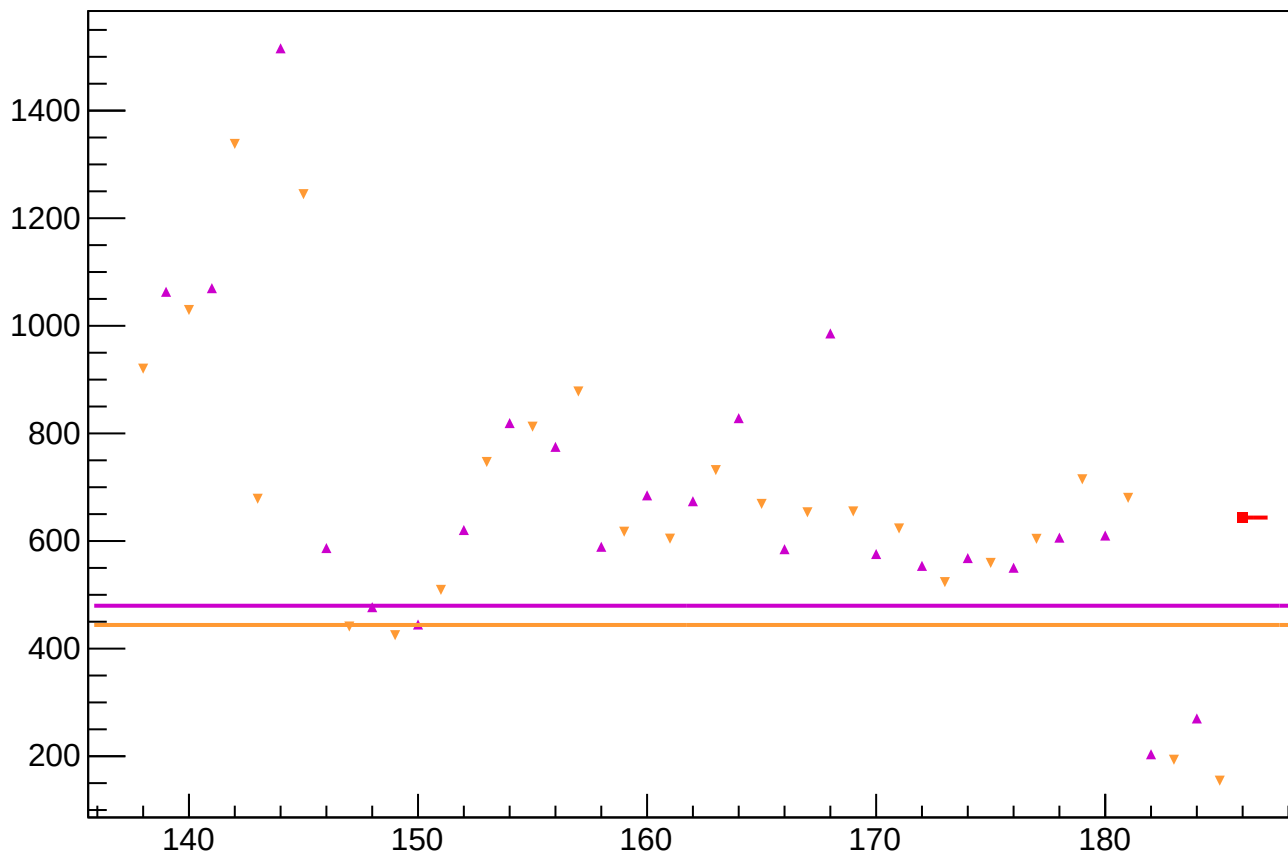
Left In: 107.387 $\pm$ 127.580 χ^2 /NDF:13.5/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.590 $\pm$ 86.973 χ^2 /NDF: 48.8/48

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

asym_at1_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 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

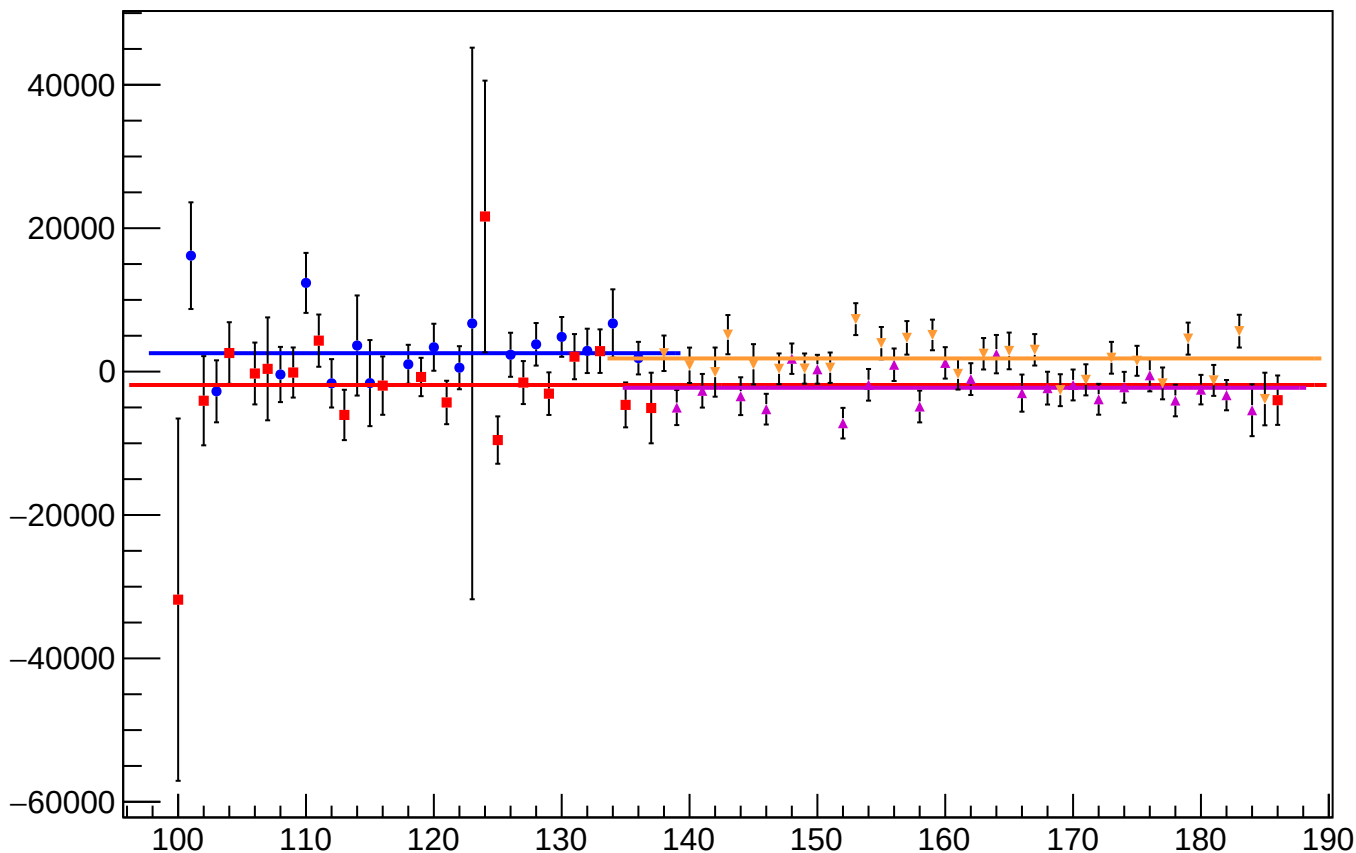
Left In: 479.723+/-0.090 χ^2/NDF : 6734597.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.963+/-0.061 χ^2/NDF : 15452132.4/48

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

asym_at1_avg_mean vs Slug



Right In: 2566.797 $\pm$ 856.089 χ^2 /NDF: 15.6/16

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

Right Out: -1867.588 $\pm$ 828.178 χ^2 /NDF: 20.9/19

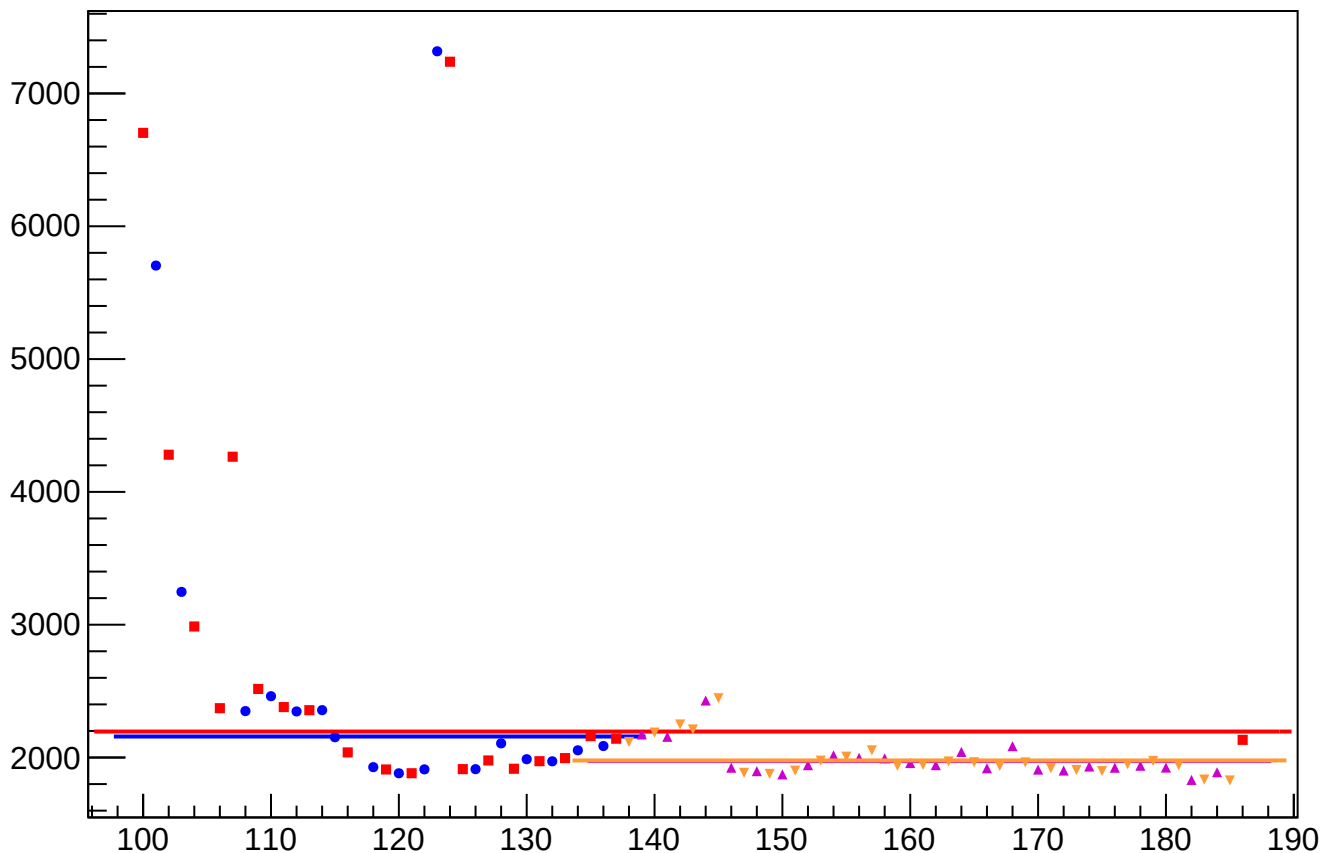
Left In: -2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

+ sign 2000.823 $\pm$ 407.783 χ^2 /NDF: 48.9/41

All: -68.746 $\pm$ 289.228 χ^2 /NDF: 148.2/84

- sign -2163.824 $\pm$ 410.288 χ^2 /NDF: 47.4/42

asym_at1_avg_rms vs Slug



Right In: 2158.148 $\pm$ 0.605 χ^2 /NDF: 713862.1/16

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

Right Out: 2195.515 $\pm$ 0.586 χ^2 /NDF: 803719.3/19

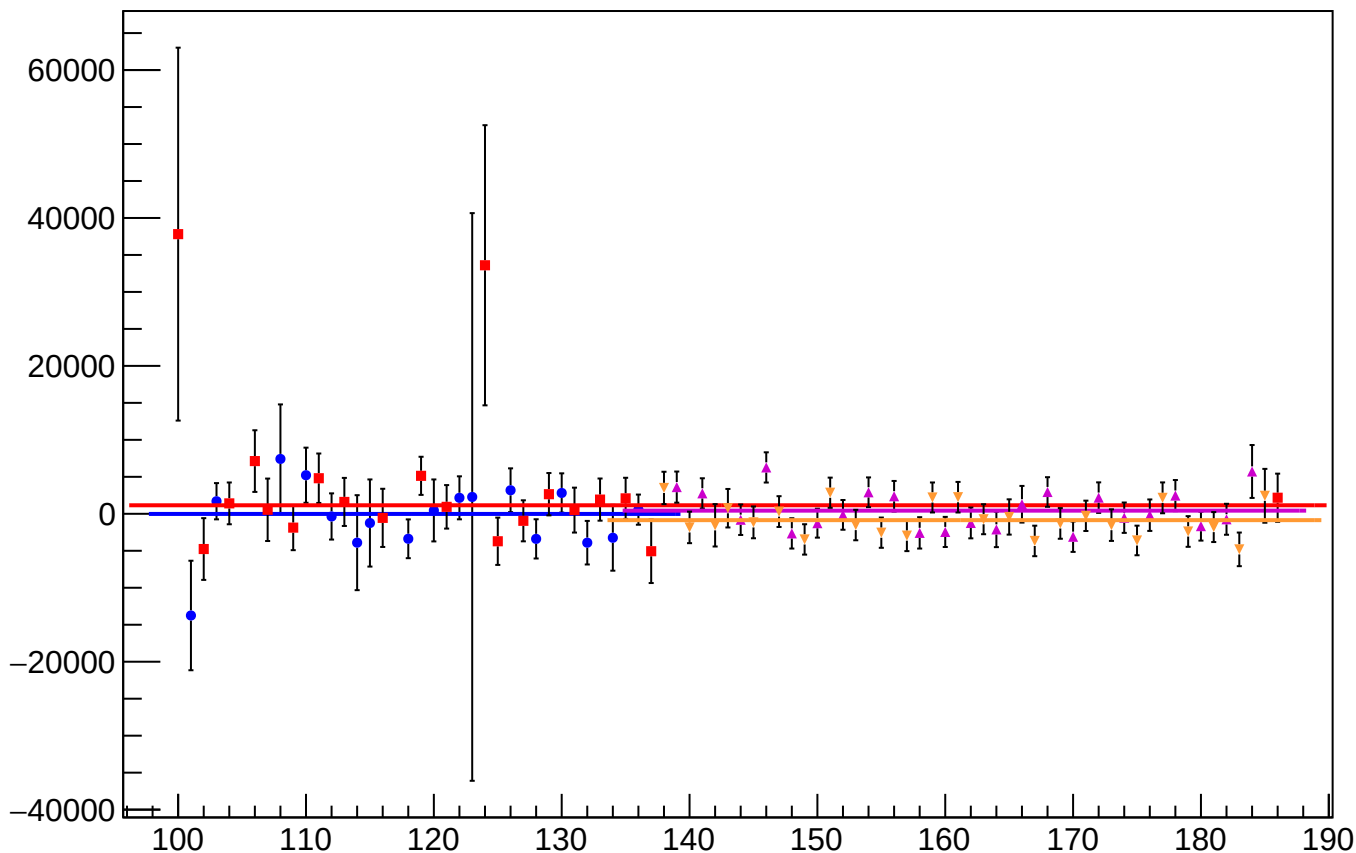
Left In: 1973.216 $\pm$ 0.334 χ^2 /NDF:120479.3/22

+ sign 2018.909 $\pm$ 0.288 χ^2 /NDF: 919996.3/41

All: 2023.315 $\pm$ 0.205 χ^2 /NDF: 1953396.3/84

- sign 2027.776 $\pm$ 0.290 χ^2 /NDF: 1032930.1/42

dit_asym_at1_dd_mean vs Slug



Right In: -18.275 ± 801.405 χ^2/NDF : 15.8/16

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

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

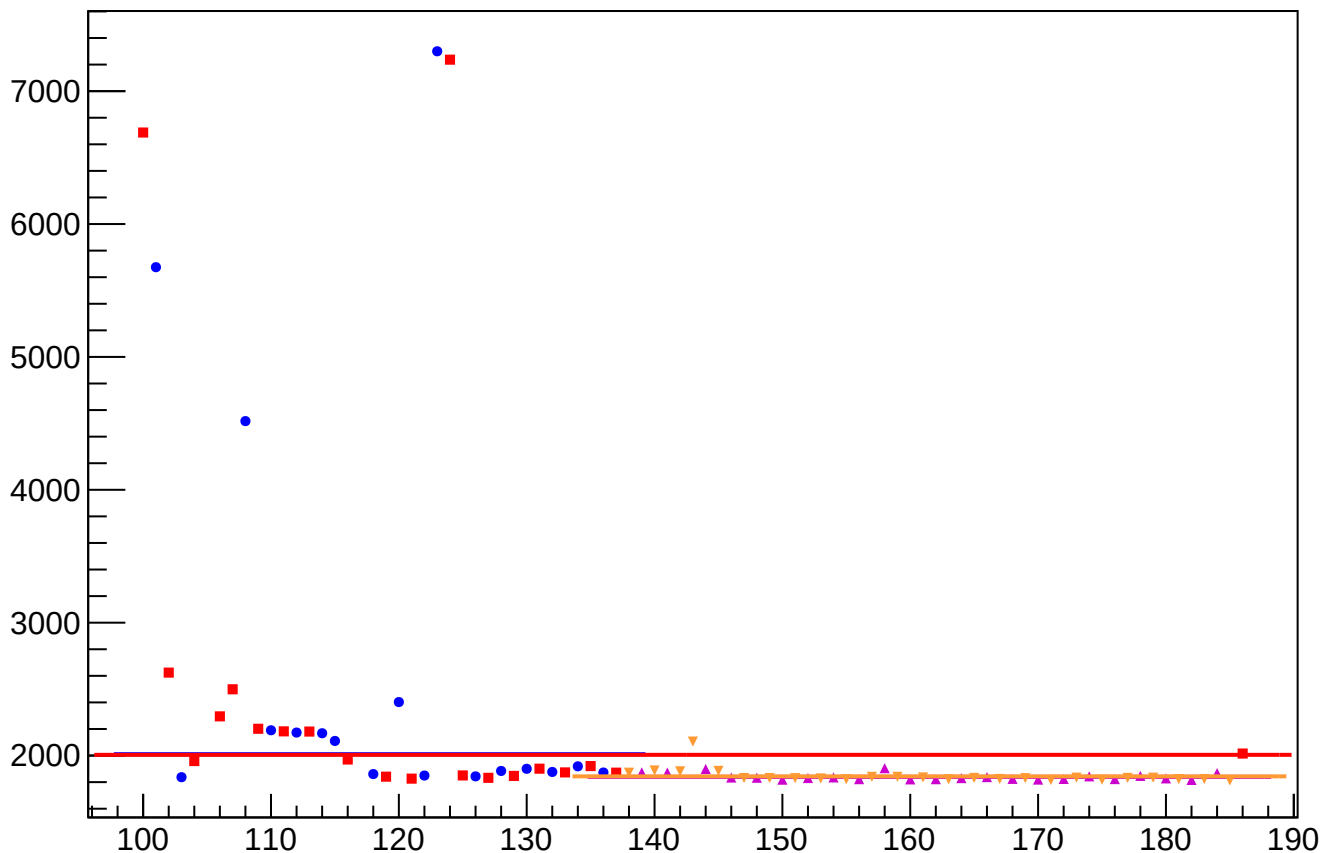
Left In: 427.682 ± 439.561 χ^2/NDF : 33.7/22

+ sign -669.790 ± 379.905 χ^2/NDF : 43.6/41

All: -26.879 ± 268.351 χ^2/NDF : 103.2/84

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

dit_asym_at1_dd_rms vs Slug



Right In: 2010.272 $\pm$ 0.567 χ^2 /NDF: 839746.7/16

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

Right Out: 2005.429 $\pm$ 0.530 χ^2 /NDF: 367532.0/19

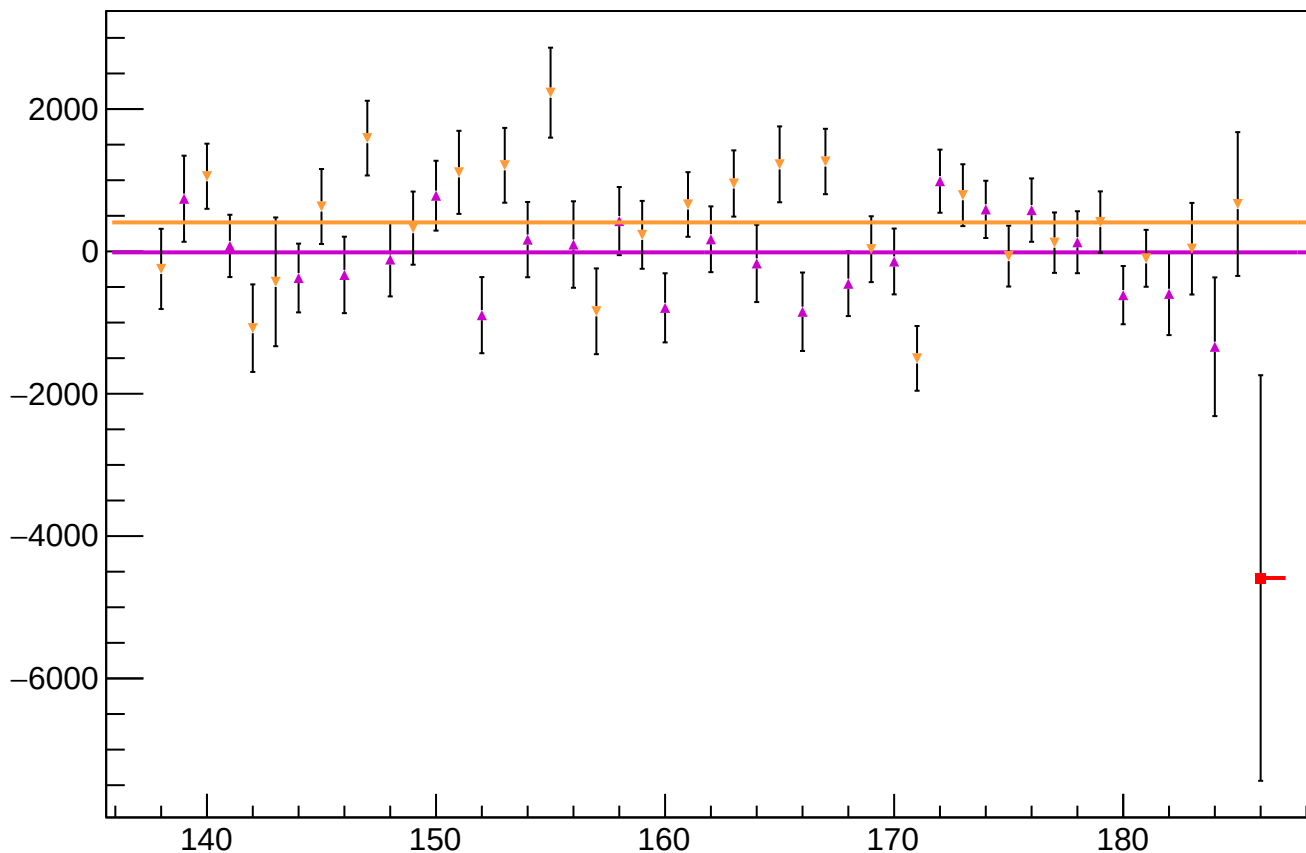
Left In: 1839.431 $\pm$ 0.311 χ^2 /NDF: 6418.5/22

+ sign 1881.004 $\pm$ 0.269 χ^2 /NDF: 931841.3/41

All: 1881.478 $\pm$ 0.190 χ^2 /NDF: 1378857.6/84

- sign 1881.950 $\pm$ 0.268 χ^2 /NDF: 447010.1/42

asym_at1_dd_correction_mean vs Slug



Right In: 0.000 ± 0.000 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

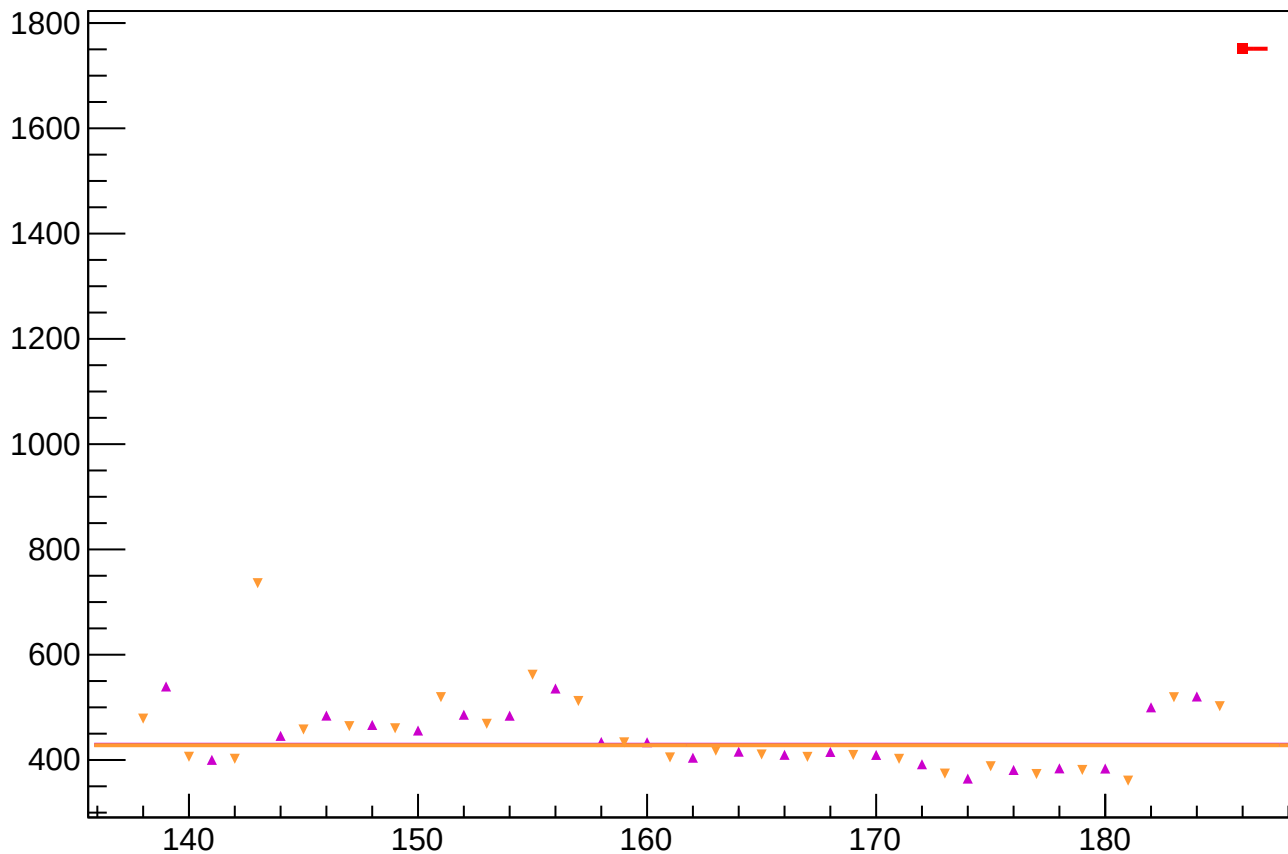
Left In: -13.395 ± 102.912 χ^2/NDF : 29.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 197.377 ± 72.142 χ^2/NDF : 102.7/48

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

asym_at1_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 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

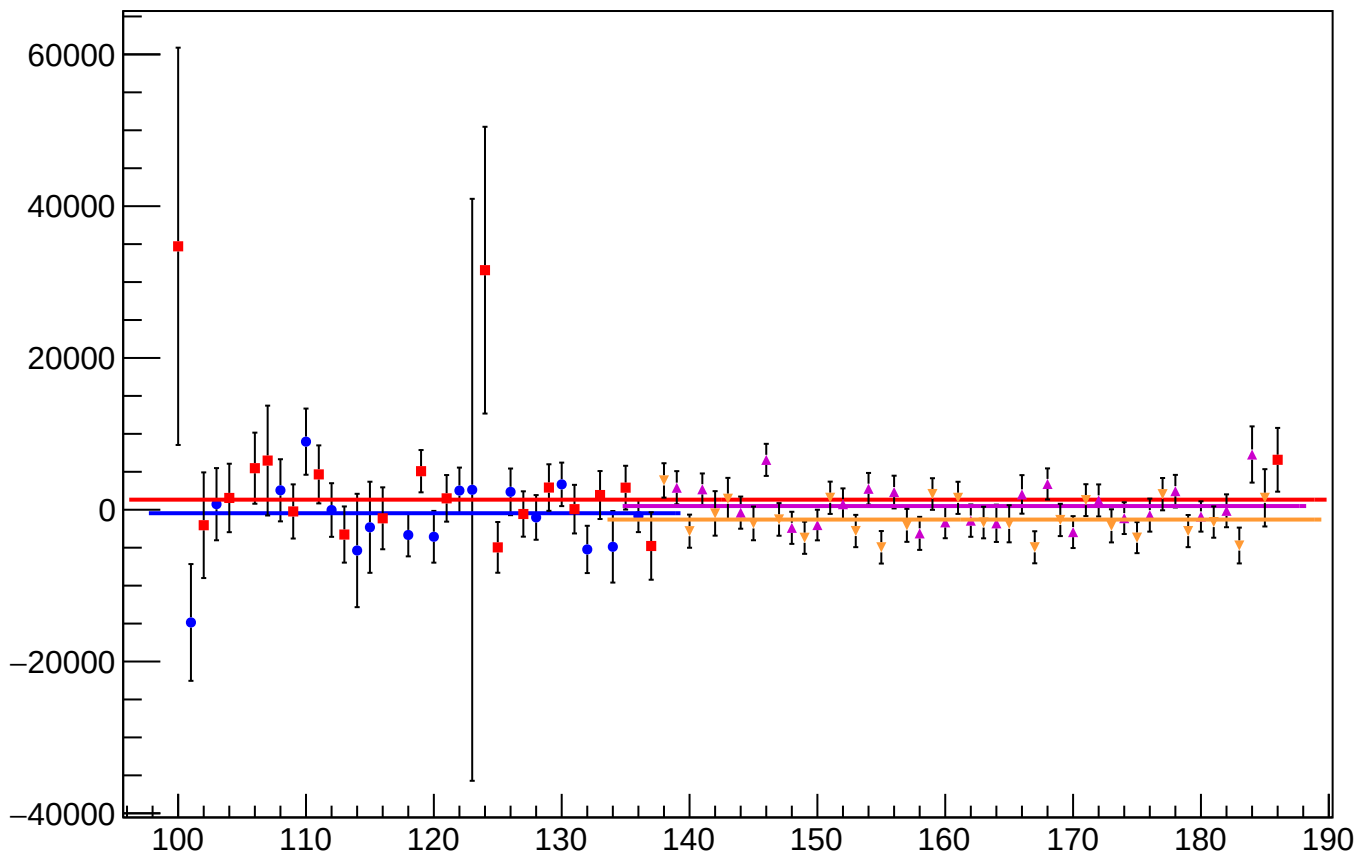
Left In: 428.926+/-0.073 χ^2/NDF : 418755.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.330+/-0.051 χ^2/NDF : 1554275.8/48

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

asym_at1_dd_mean vs Slug



Right In: -458.311+/-865.151 χ^2/NDF : 18.1/16

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

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

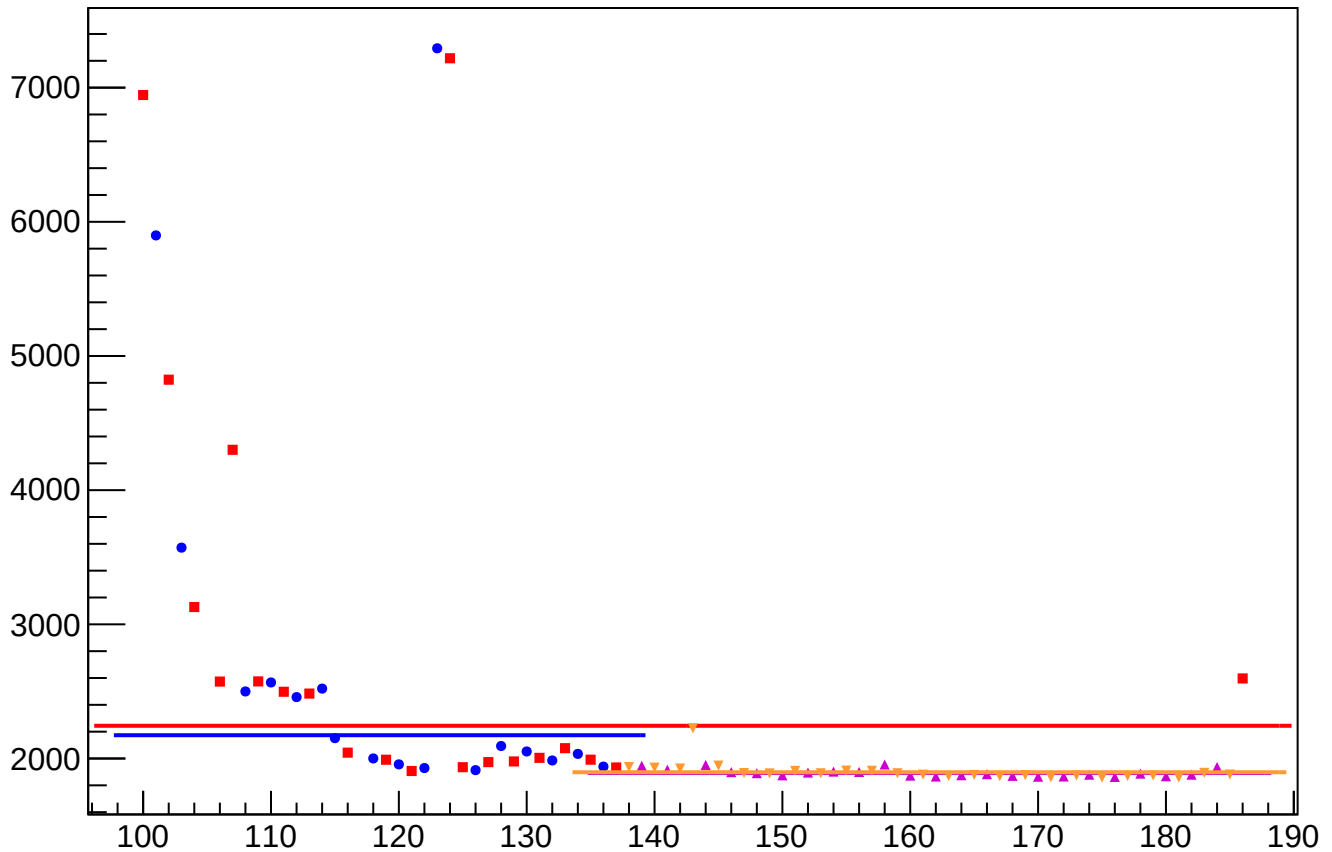
Left In: 485.827+/-452.020 χ^2/NDF : 32.4/22

+ sign -1119.808+/-395.124 χ^2/NDF : 48.4/41

All: -232.797+/-280.762 χ^2/NDF : 110.3/84

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

asym_at1_dd_rms vs Slug



Right In: 2173.529+/-0.612 χ^2/NDF : 805360.7/16

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

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

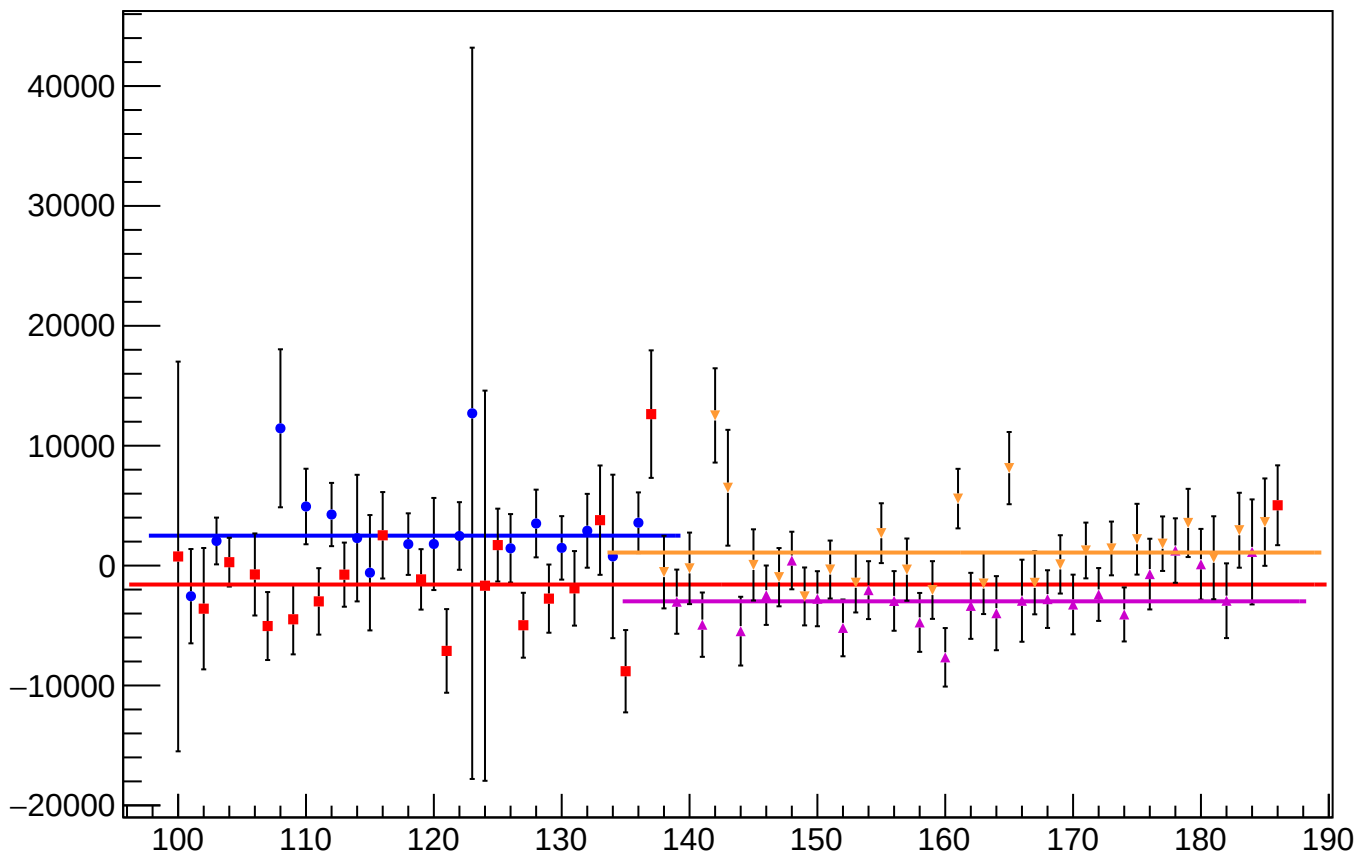
Left In: 1891.722+/-0.320 χ^2/NDF : 7584.2/22

+ sign 1955.210+/-0.279 χ^2/NDF : 1001374.9/41

All: 1962.272+/-0.199 χ^2/NDF : 2188881.2/84

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

dit_asym_at2_avg_mean vs Slug



Right In: 2496.610 ± 768.295 χ^2/NDF : 5.9/16

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

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

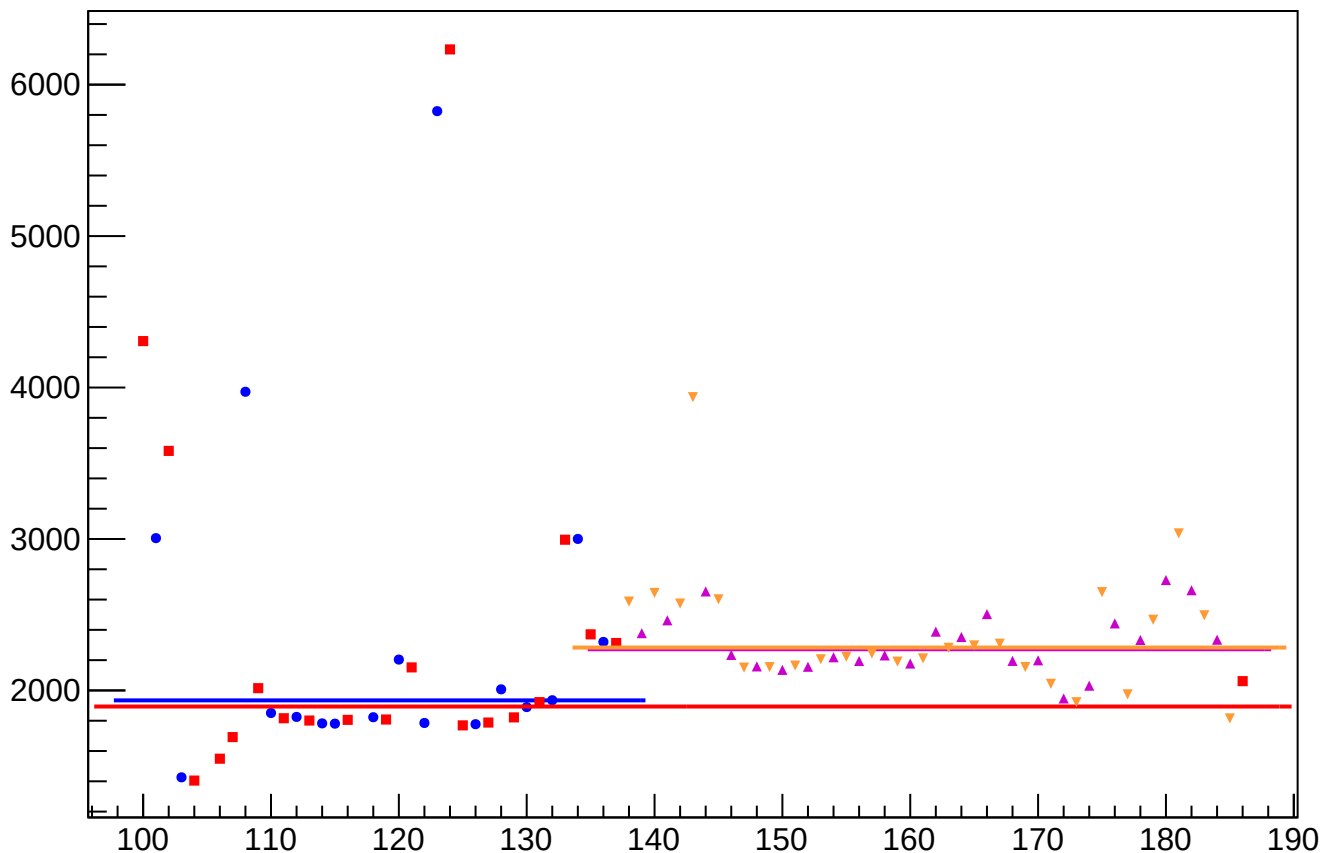
Left In: -2981.160 ± 546.107 χ^2/NDF : 14.0/22

+ sign 1554.838 ± 442.330 χ^2/NDF : 38.0/41

All: -490.651 ± 310.141 χ^2/NDF : 124.1/84

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

dit_asym_at2_avg_rms vs Slug



Right In: 1934.404+/-0.543 χ^2/NDF : 638920.4/16

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

Right Out: 1893.753+/-0.509 χ^2/NDF : 757412.6/19

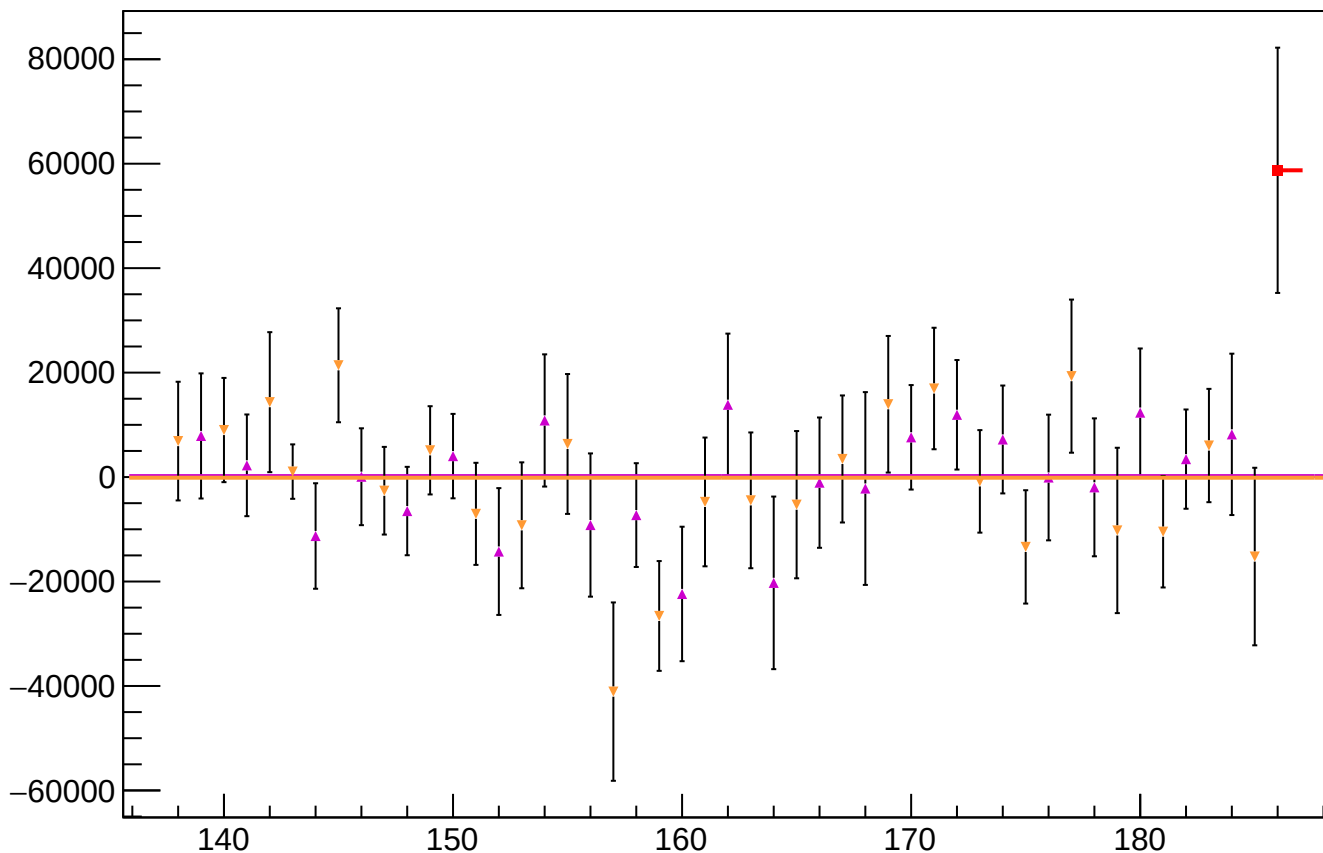
Left In: 2271.946+/-0.386 χ^2/NDF : 243546.3/22

+ sign 2167.589+/-0.313 χ^2/NDF : 1548934.6/41

All: 2150.336+/-0.219 χ^2/NDF : 2906620.4/84

- sign 2133.653+/-0.308 χ^2/NDF : 1351700.4/42

asym_at2_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

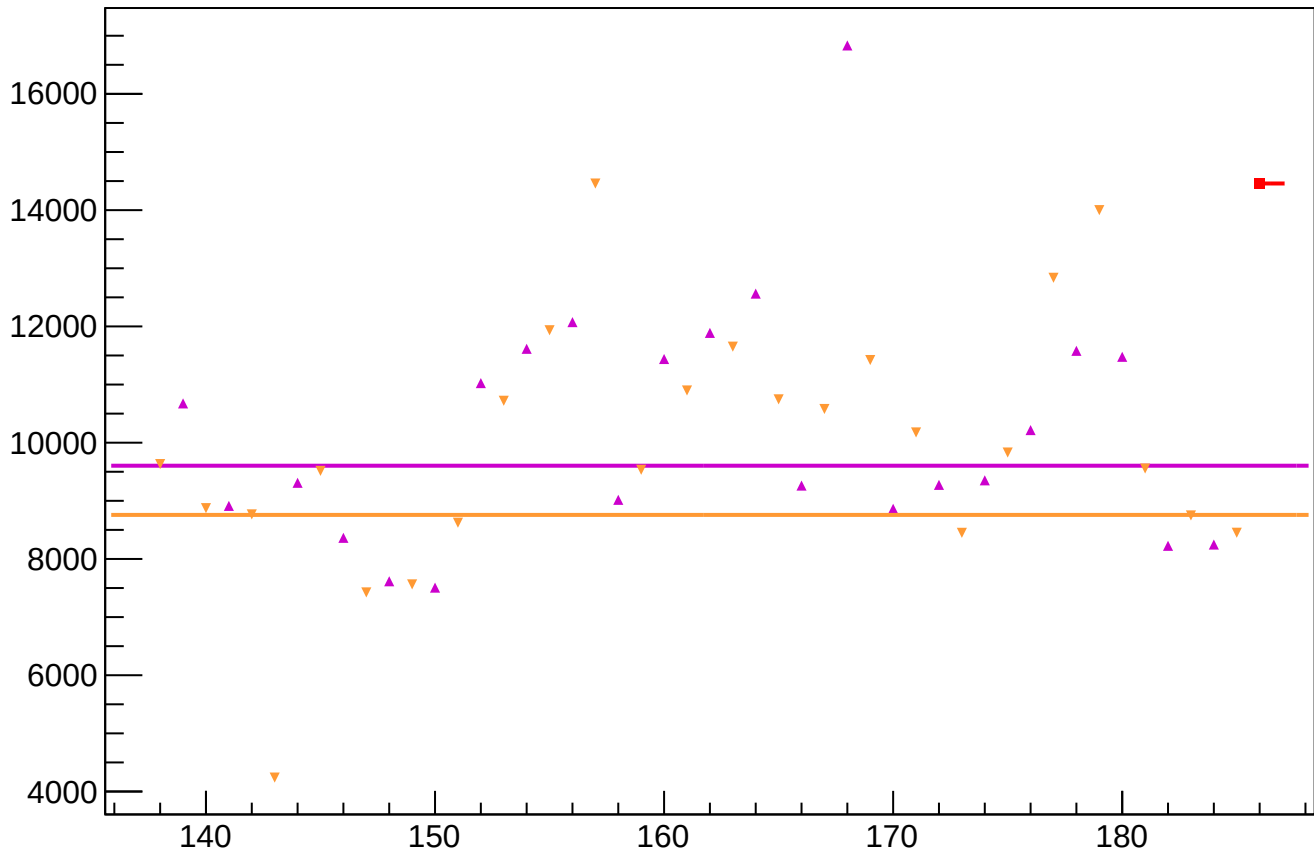
Left In: 185.013 $\pm$ 2330.398 χ^2 /NDF:15.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 280.977 $\pm$ 1573.473 χ^2 /NDF: 51.0/48

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

asym_at2_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 14458.565+/-16.604 χ^2/NDF : 0.0/0

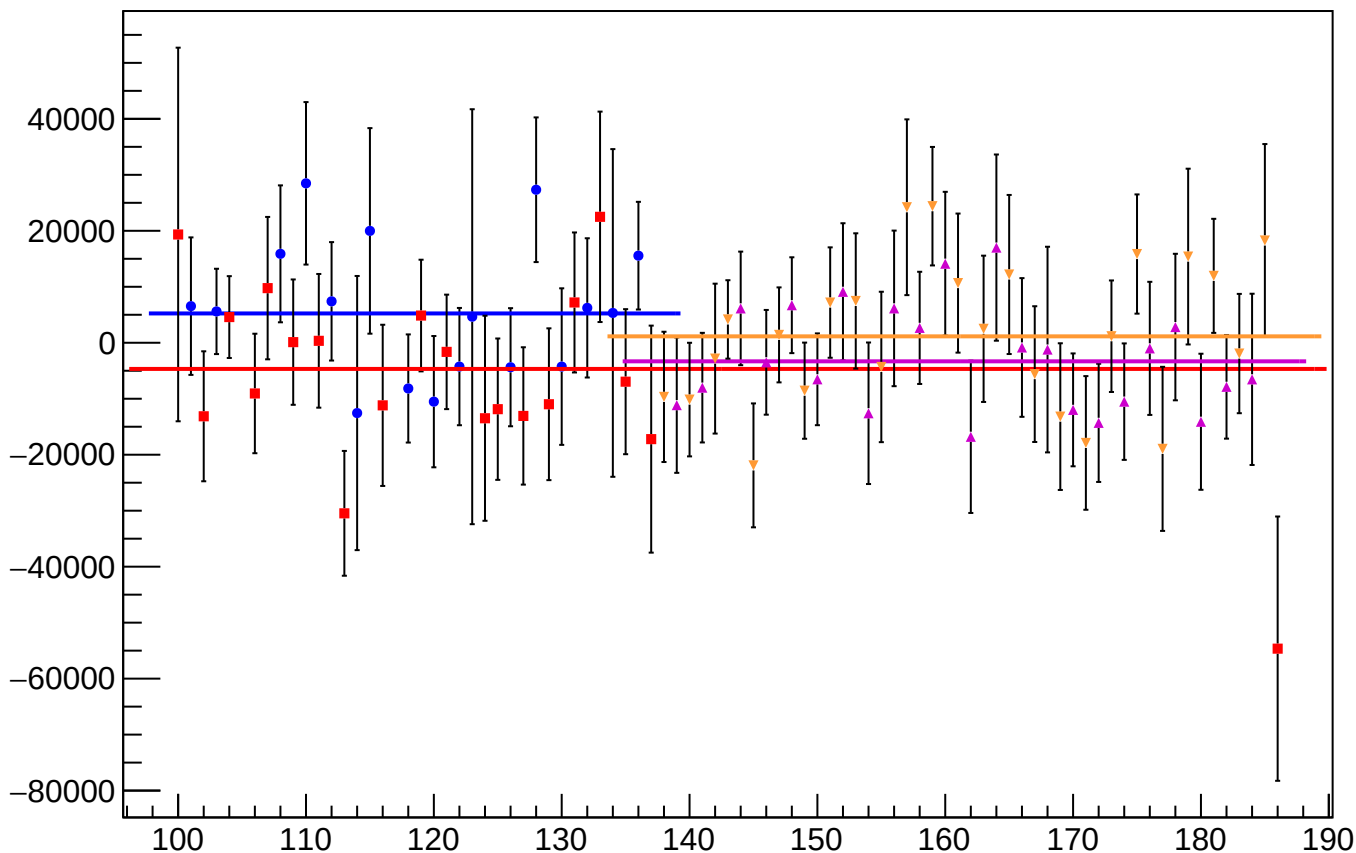
Left In: 9604.027+/-1.648 χ^2/NDF : 1095805.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9169.194+/-1.113 χ^2/NDF : 4119799.8/48

- sign 9651.377+/-1.640 χ^2/NDF : 1180458.1/23

asym_at2_avg_mean vs Slug



Right In: 5238.554 ± 2946.164 $\chi^2/\text{NDF}: 14.5/16$

Left Out: 1145.185 ± 2232.341 $\chi^2/\text{NDF}: 27.9/24$

Right Out: -4674.315 ± 2771.128 $\chi^2/\text{NDF}: 20.2/19$

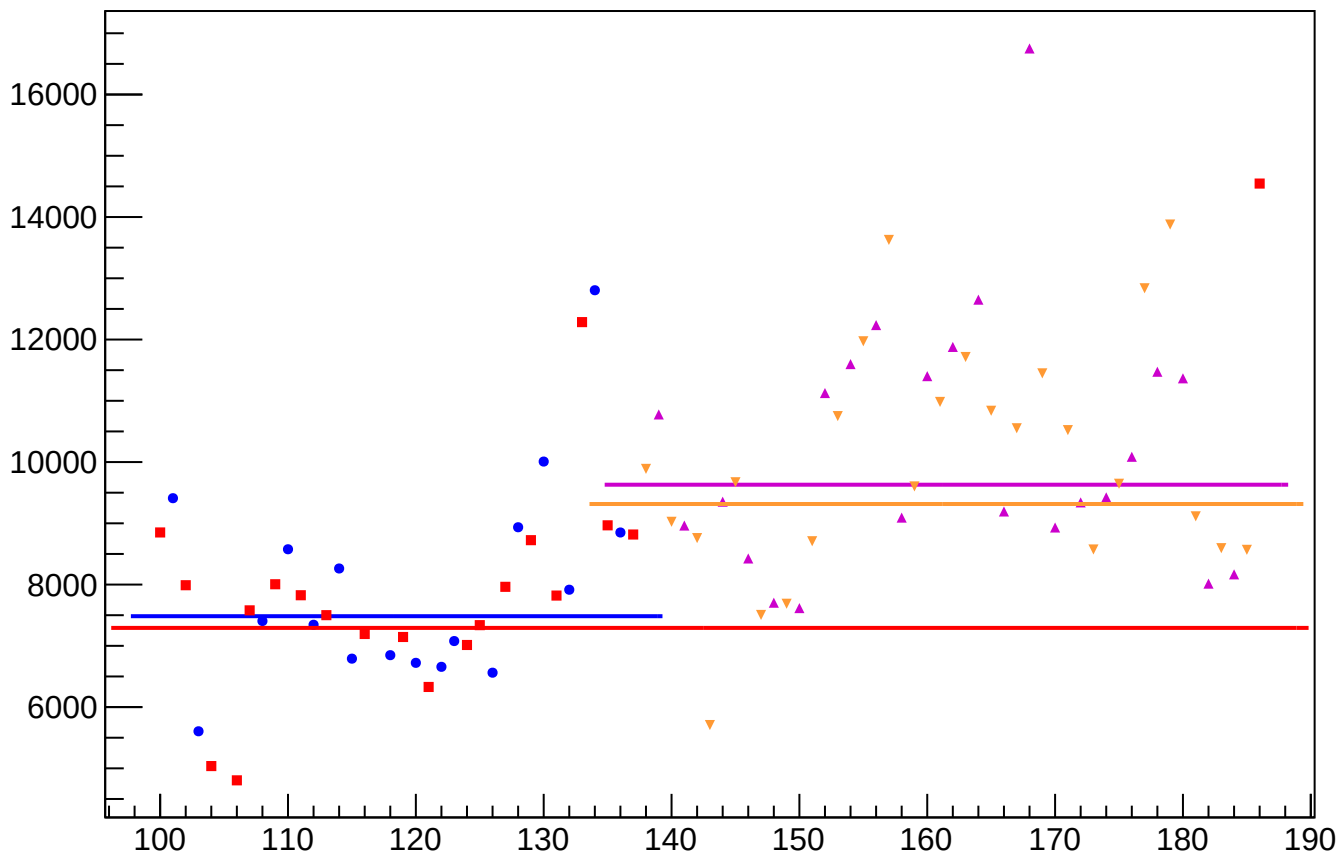
Left In: -3316.960 ± 2336.196 $\chi^2/\text{NDF}: 13.4/22$

+ sign 2638.147 ± 1779.266 $\chi^2/\text{NDF}: 43.6/41$

All: -608.776 ± 1260.558 $\chi^2/\text{NDF}: 84.0/84$

- sign -3880.879 ± 1786.152 $\chi^2/\text{NDF}: 33.7/42$

asym_at2_avg_rms vs Slug



Right In: 7483.785 $\pm$ 2.083 χ^2 /NDF: 431806.2/16

Left Out: 9315.396 $\pm$ 1.579 χ^2 /NDF:1503512.6/24

Right Out: 7292.781 $\pm$ 1.959 χ^2 /NDF: 750230.7/19

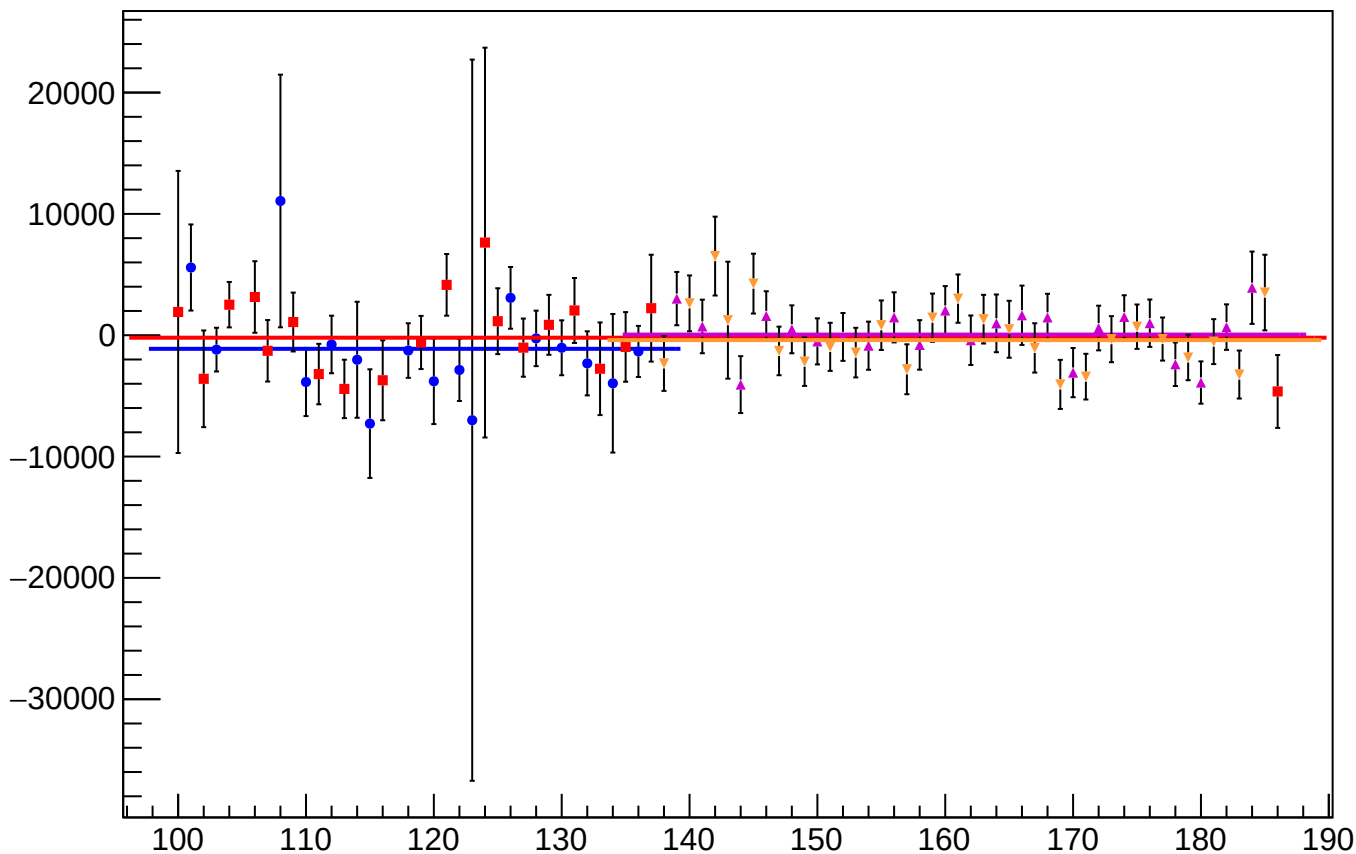
Left In: 9630.345 $\pm$ 1.652 χ^2 /NDF:1074643.5/22

+ sign 8647.337 $\pm$ 1.258 χ^2 /NDF: 2426404.3/41

All: 8653.171 $\pm$ 0.891 χ^2 /NDF: 5083327.3/84

- sign 8659.049 $\pm$ 1.263 χ^2 /NDF: 2656879.8/42

dit_asym_at2_dd_mean vs Slug



Right In: -1120.496 ± 679.161 χ^2/NDF : 12.3/16

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

Right Out: -203.572 ± 625.642 χ^2/NDF : 17.8/19

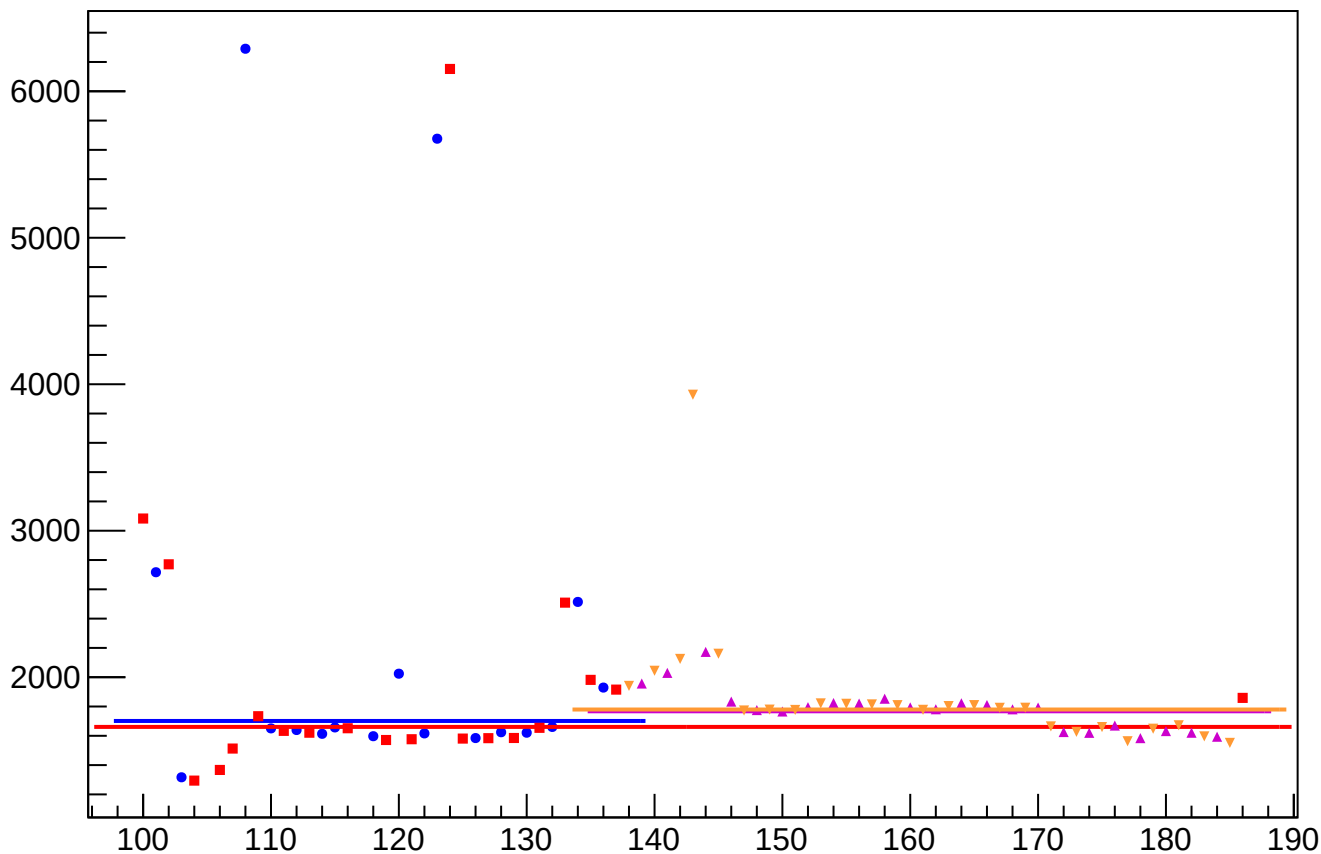
Left In: 53.539 ± 422.570 χ^2/NDF : 20.9/22

+ sign -601.250 ± 356.747 χ^2/NDF : 42.0/41

All: -308.793 ± 249.904 χ^2/NDF : 82.0/84

- sign -27.008 ± 350.178 χ^2/NDF : 38.7/42

dit_asym_at2_dd_rms vs Slug



Right In: 1701.283+/-0.480 χ^2/NDF : 778718.7/16

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

Right Out: 1660.724+/-0.442 χ^2/NDF : 597942.8/19

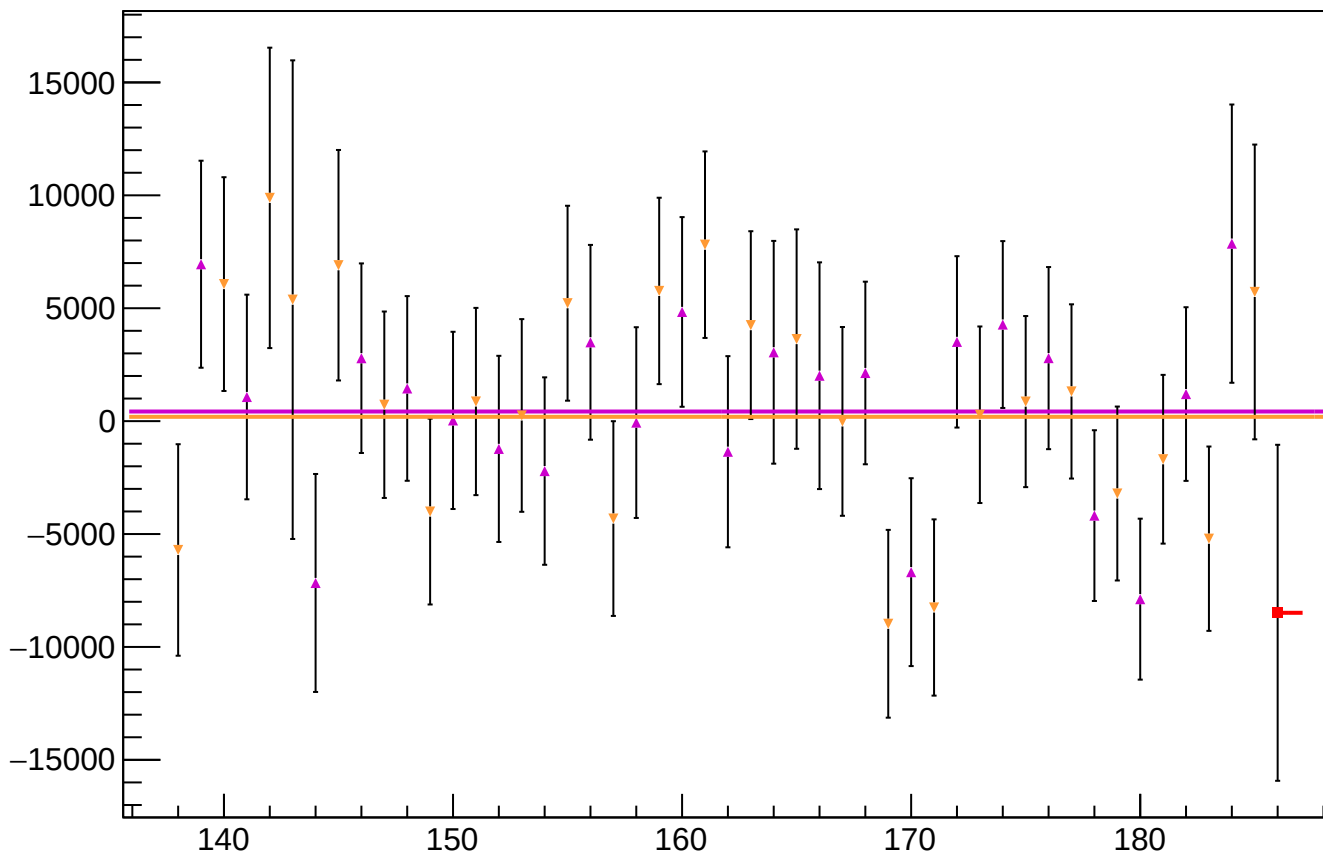
Left In: 1767.314+/-0.299 χ^2/NDF : 196583.8/22

+ sign 1757.871+/-0.252 χ^2/NDF : 1408819.3/41

All: 1745.674+/-0.177 χ^2/NDF : 2247801.7/84

- sign 1733.922+/-0.248 χ^2/NDF : 834391.9/42

asym_at2_dd_correction_mean vs Slug



Right In: 0.000 ± 0.000 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

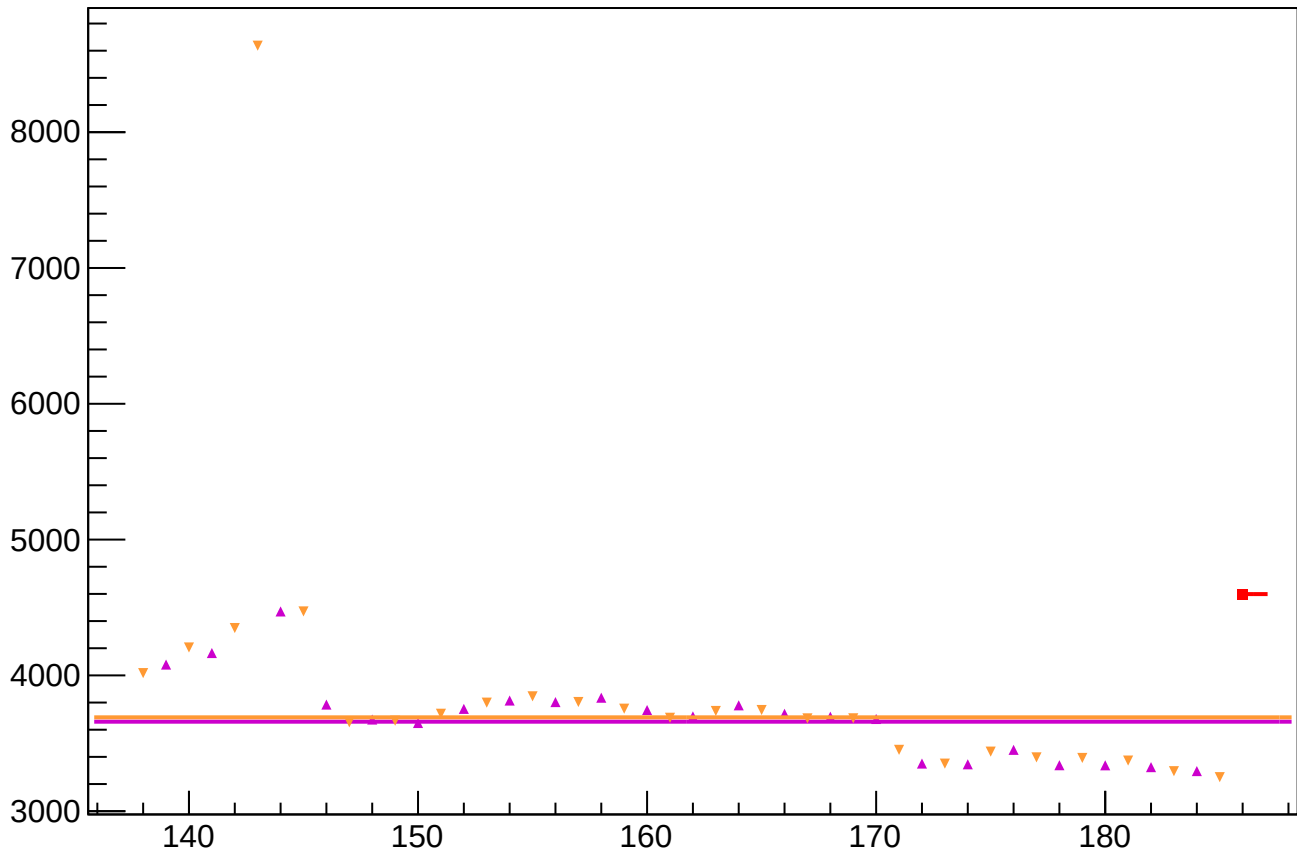
Left In: 426.004 ± 874.870 χ^2/NDF : 21.3/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 247.832 ± 614.757 χ^2/NDF : 53.3/48

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

asym_at2_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3691.174+/-0.615 χ^2/NDF : 639471.7/24

Right Out: 4598.665+/-5.261 χ^2/NDF : 0.0/0

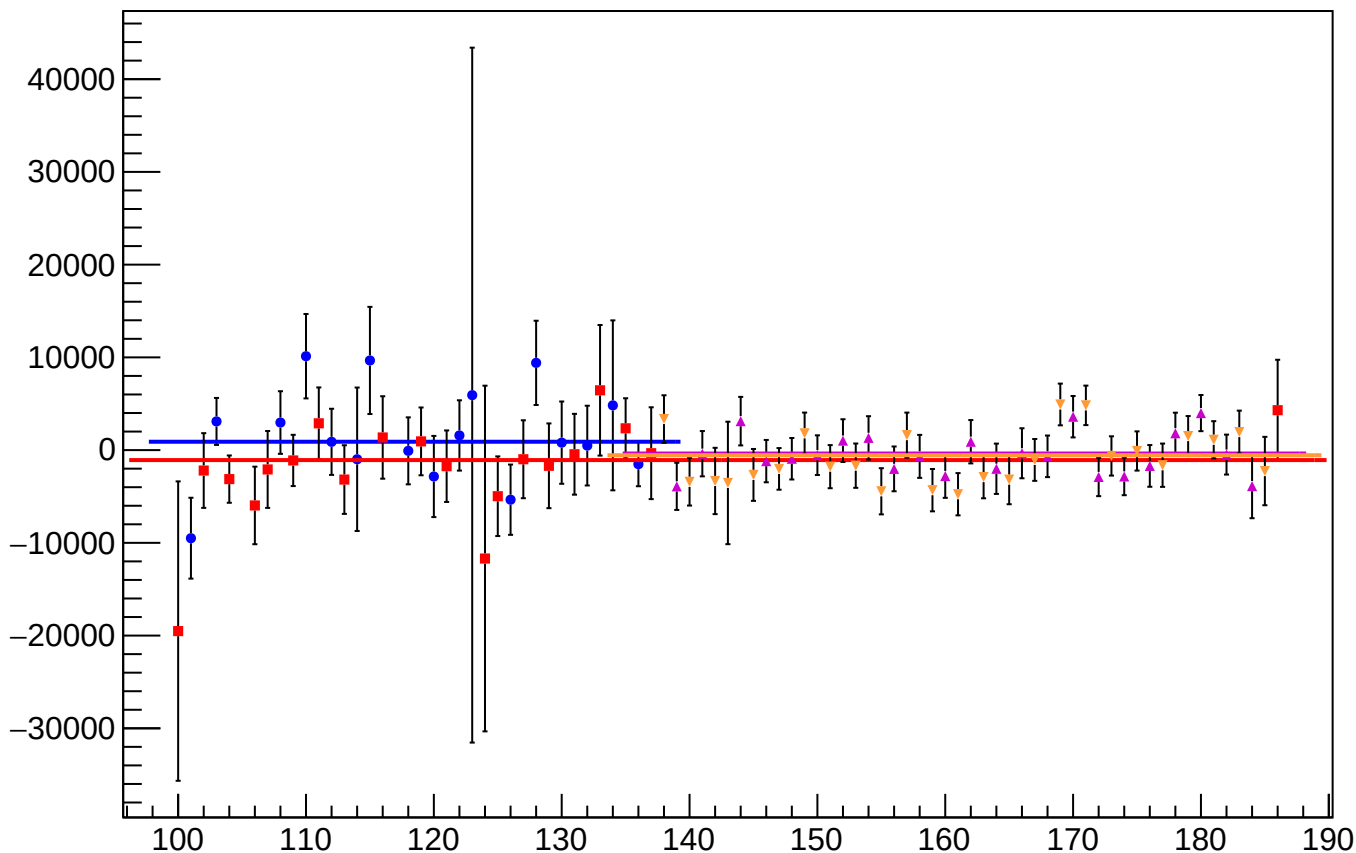
Left In: 3659.086+/-0.619 χ^2/NDF : 198077.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3681.526+/-0.435 χ^2/NDF : 869503.0/48

- sign 3671.901+/-0.614 χ^2/NDF : 229539.8/23

asym_at2_dd_mean vs Slug



Right In: 903.274 $\pm$ 961.918 χ^2 /NDF: 21.6/16

Left Out: -551.411 $\pm$ 481.630 χ^2 /NDF:34.0/24

Right Out: -1075.279 $\pm$ 911.924 χ^2 /NDF: 9.9/19

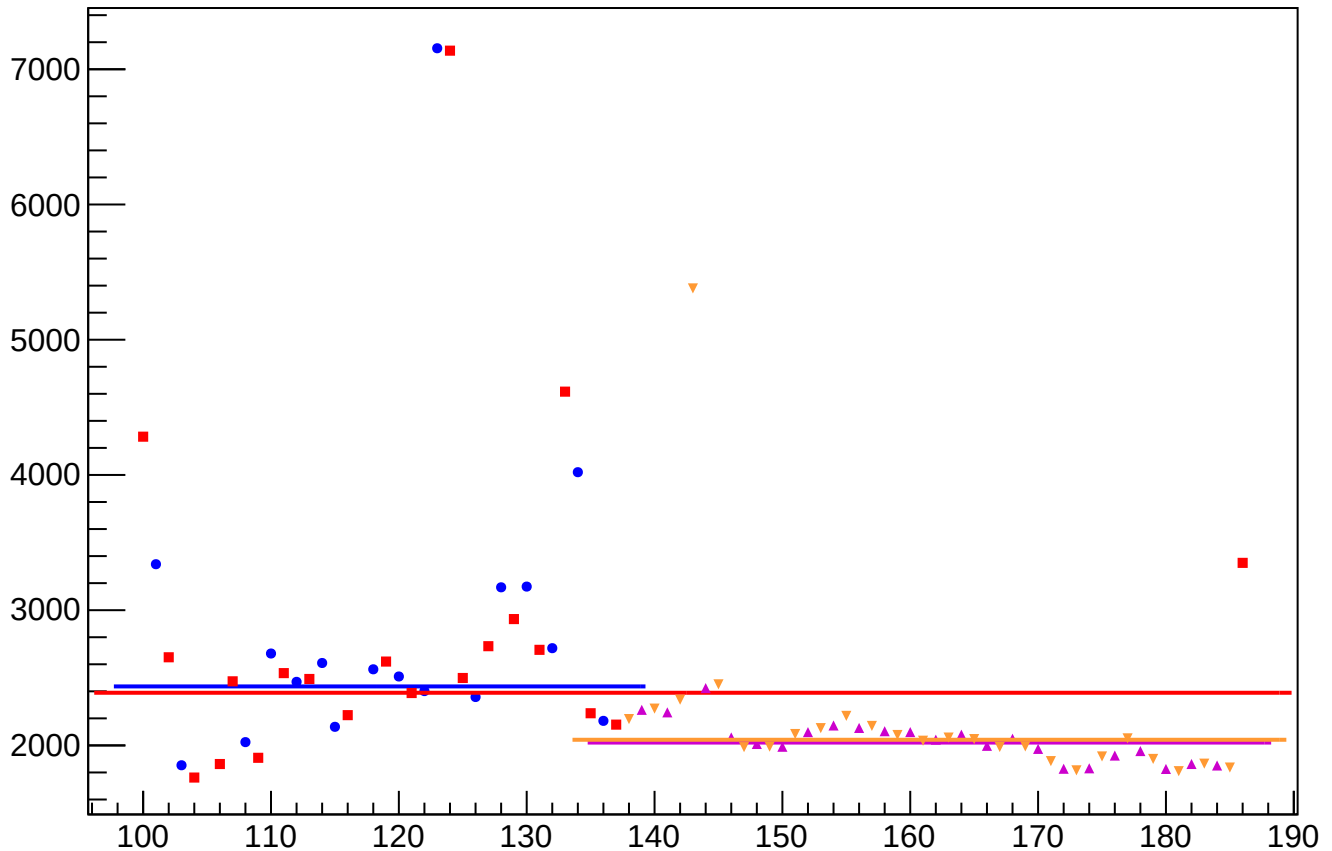
Left In: -366.243 $\pm$ 483.092 χ^2 /NDF:20.5/22

+ sign -259.825 $\pm$ 430.663 χ^2 /NDF: 57.5/41

All: -391.873 $\pm$ 303.182 χ^2 /NDF: 88.6/84

- sign -521.620 $\pm$ 426.891 χ^2 /NDF: 30.9/42

asym_at2_dd_rms vs Slug



Right In: 2436.256+/-0.680 χ^2/NDF : 468552.3/16

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

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

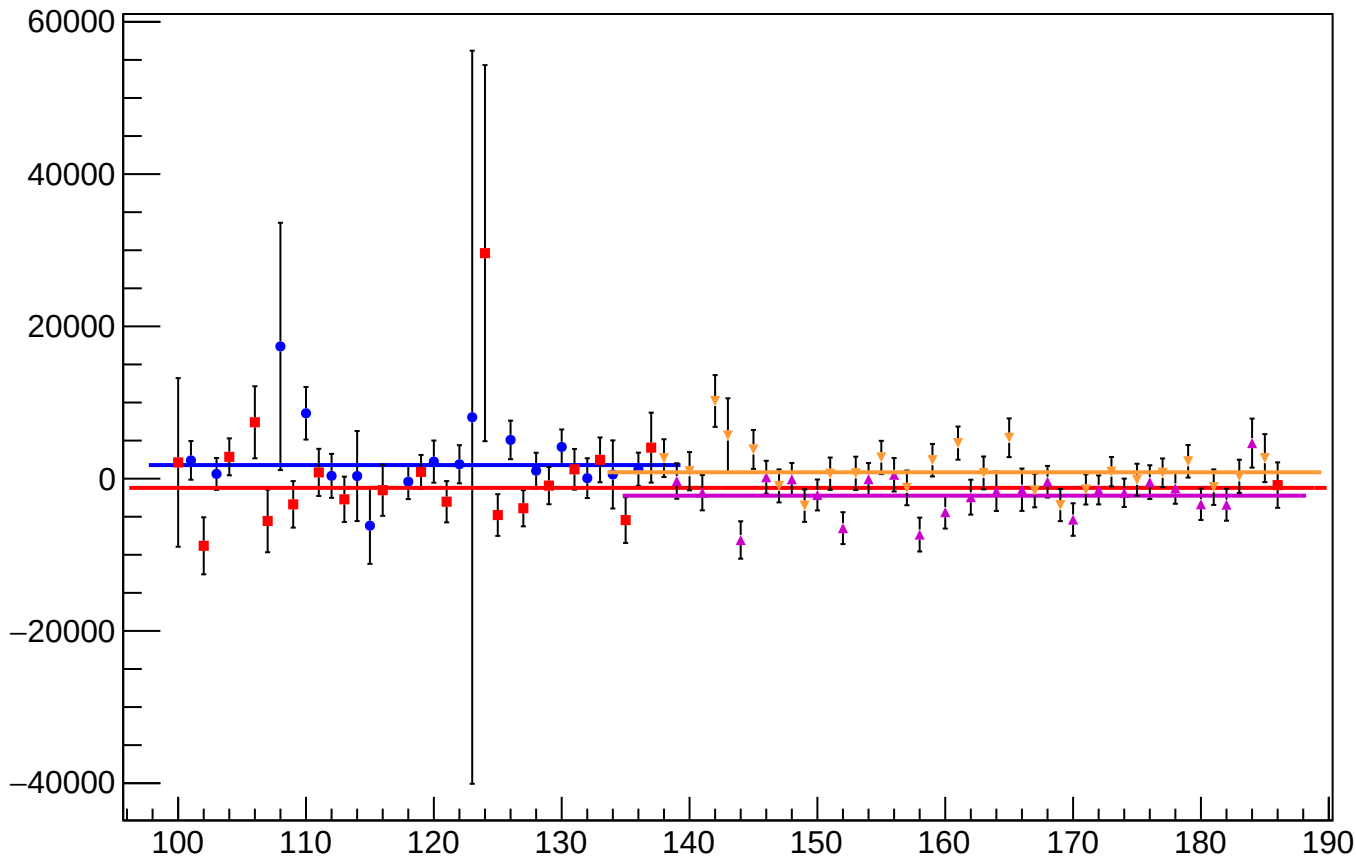
Left In: 2021.065+/-0.342 χ^2/NDF : 178726.2/22

+ sign 2120.853+/-0.305 χ^2/NDF : 1444338.5/41

All: 2111.229+/-0.214 χ^2/NDF : 2599864.4/84

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

dit_asym_atl_avg_mean vs Slug



Right In: 1783.505 $\pm$ 694.403 χ^2 /NDF: 12.4/16

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

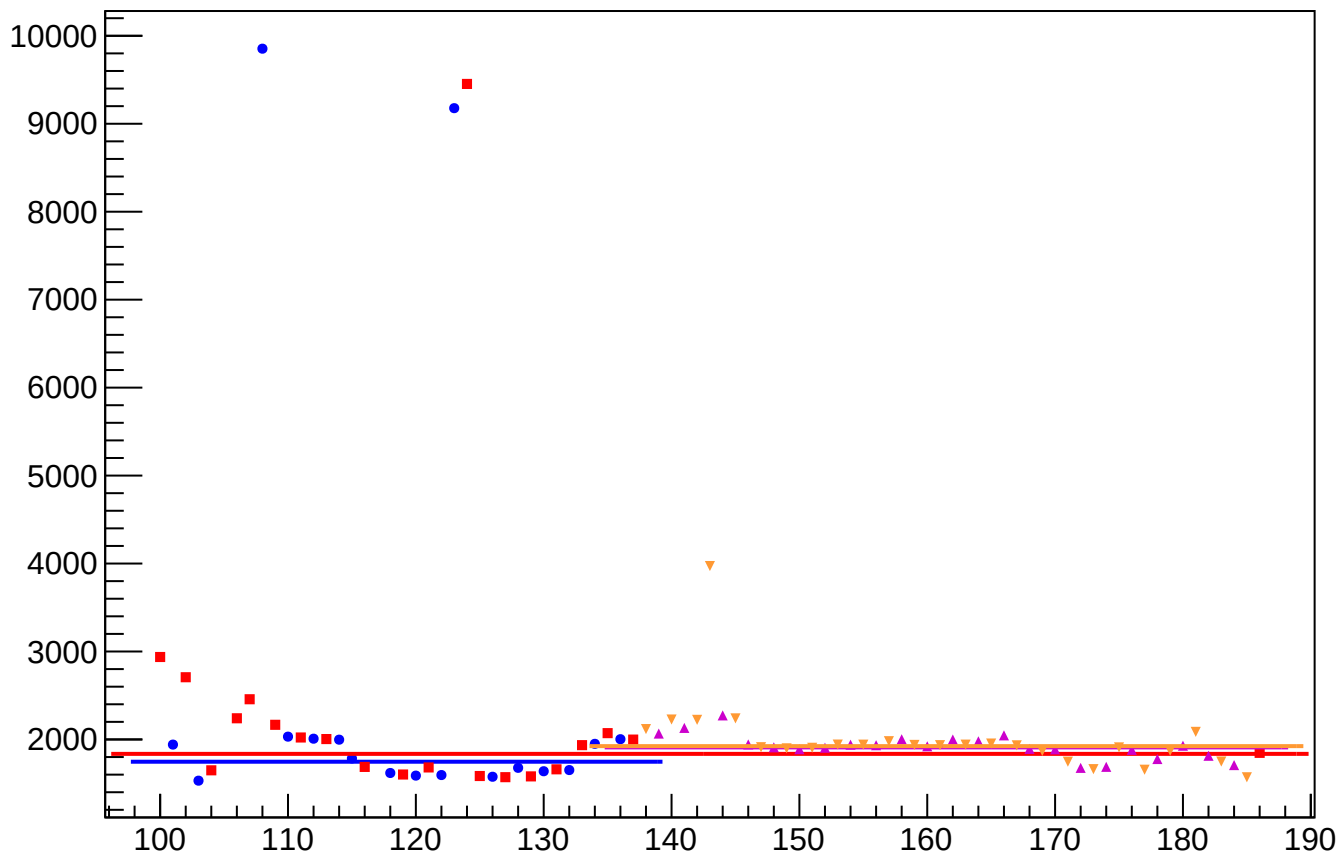
Left In: -2235.652 $\pm$ 457.720 χ^2 /NDF: 31.0/22

+ sign 1121.169 $\pm$ 380.287 χ^2 /NDF: 46.1/41

All: -396.158 $\pm$ 269.247 χ^2 /NDF: 134.7/84

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

dit_asym_atl_avg_rms vs Slug



Right In: 1746.836 $\pm$ 0.491 χ^2 /NDF: 682484.5/16

Left Out: 1924.077 $\pm$ 0.321 χ^2 /NDF: 583939.2/24

Right Out: 1836.067 $\pm$ 0.487 χ^2 /NDF: 550435.0/19

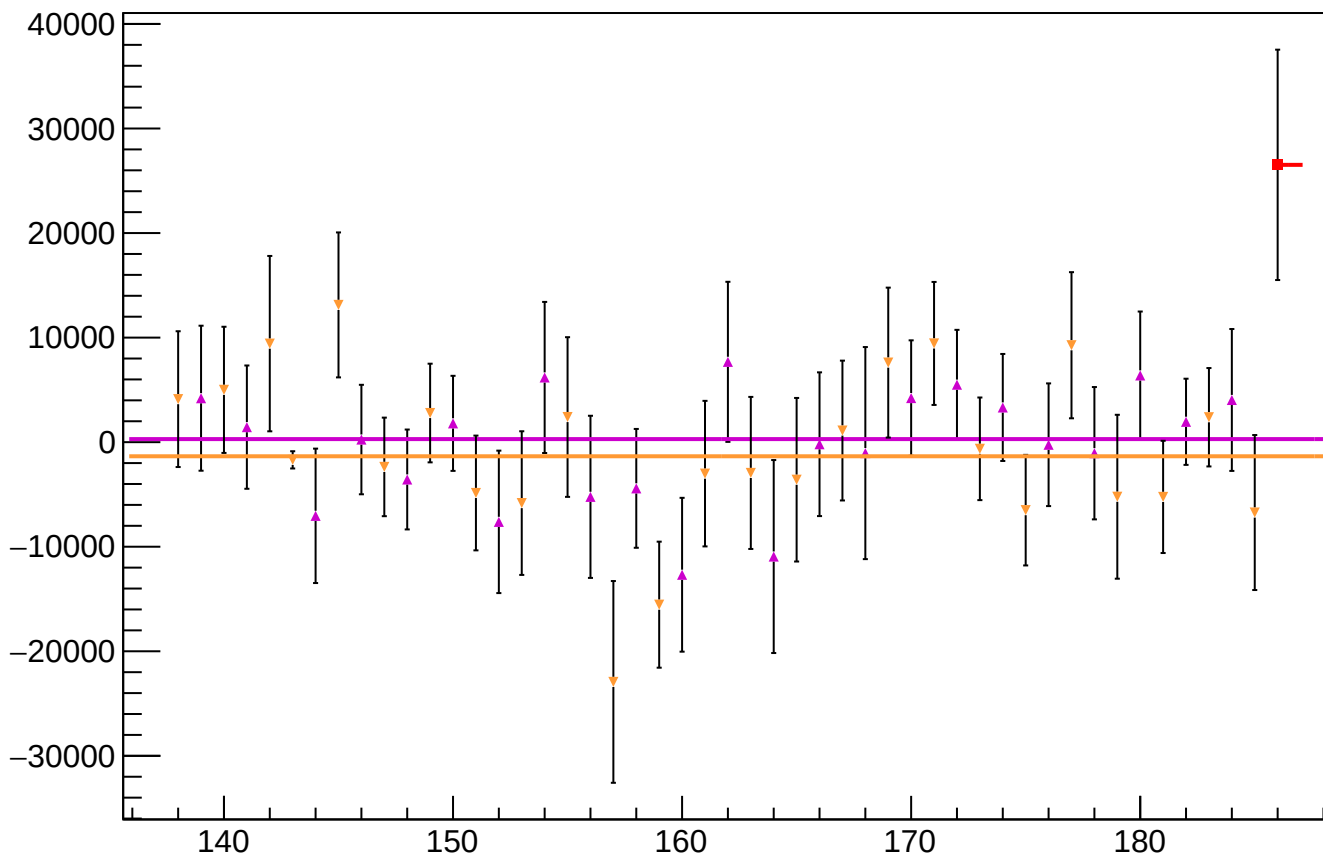
Left In: 1909.656 $\pm$ 0.324 χ^2 /NDF: 164475.5/22

+ sign 1870.920 $\pm$ 0.269 χ^2 /NDF: 1357642.5/41

All: 1878.987 $\pm$ 0.190 χ^2 /NDF: 2090210.5/84

- sign 1887.089 $\pm$ 0.269 χ^2 /NDF: 730764.1/42

asym_atl_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

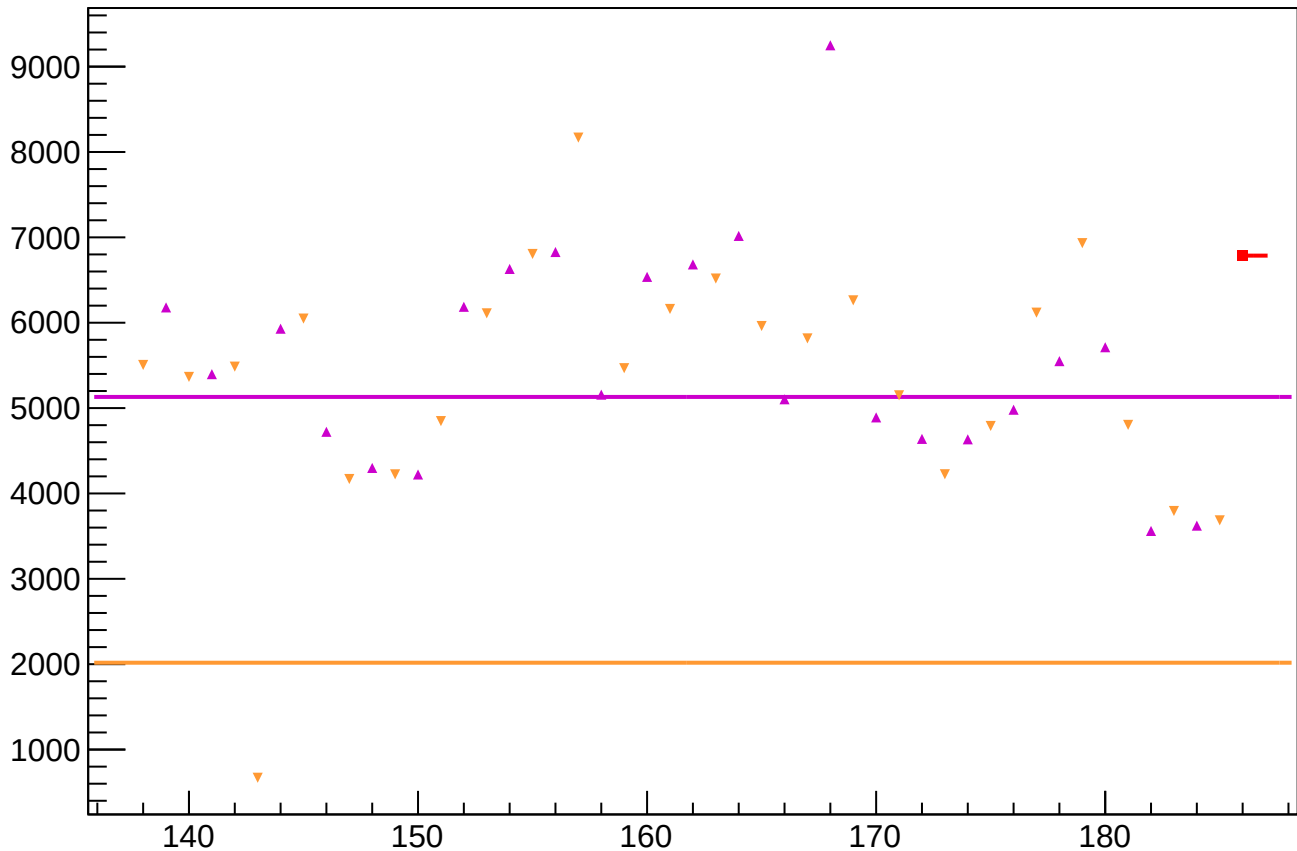
Left In: 294.047 $\pm$ 1252.274 χ^2 /NDF:14.5/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -883.640 $\pm$ 603.867 χ^2 /NDF: 53.0/48

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

asym_atl_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 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

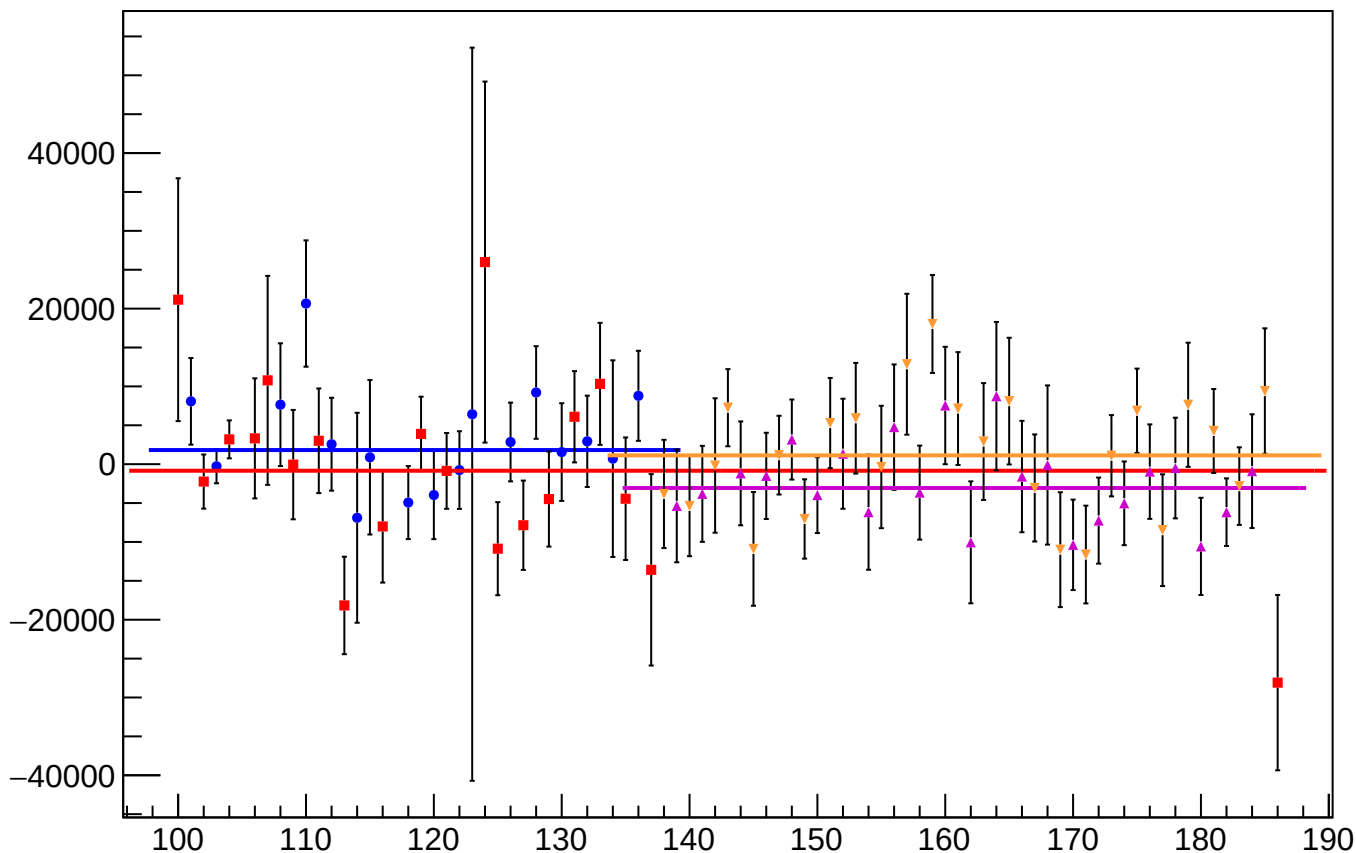
Left In: 5130.756+/-0.885 χ^2/NDF : 1489813.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2755.566+/-0.427 χ^2/NDF : 30397774.0/4

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

asym_atl_avg_mean vs Slug



Right In: 1814.267+/-1301.312 χ^2/NDF : 15.0/16

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

Right Out: -842.975+/-1277.785 χ^2/NDF : 32.4/19

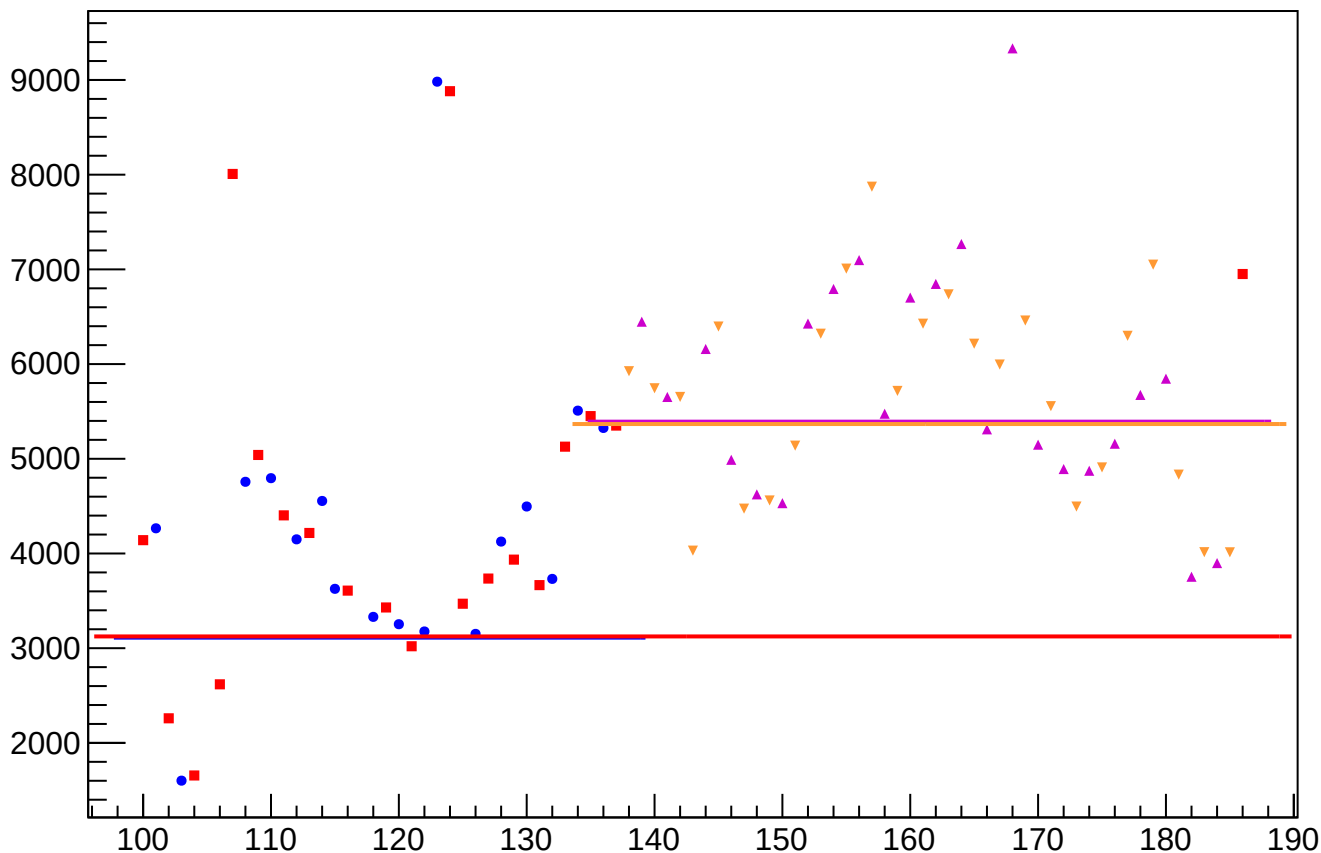
Left In: -3061.439+/-1313.197 χ^2/NDF : 12.3/22

+ sign 1467.812+/-912.615 χ^2/NDF : 47.6/41

All: -221.146+/-646.437 χ^2/NDF : 100.7/84

- sign -1921.892+/-915.794 χ^2/NDF : 46.2/42

asym_atl_avg_rms vs Slug



Right In: 3111.560 $\pm$ 0.920 χ^2 /NDF: 1878991.5/16

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

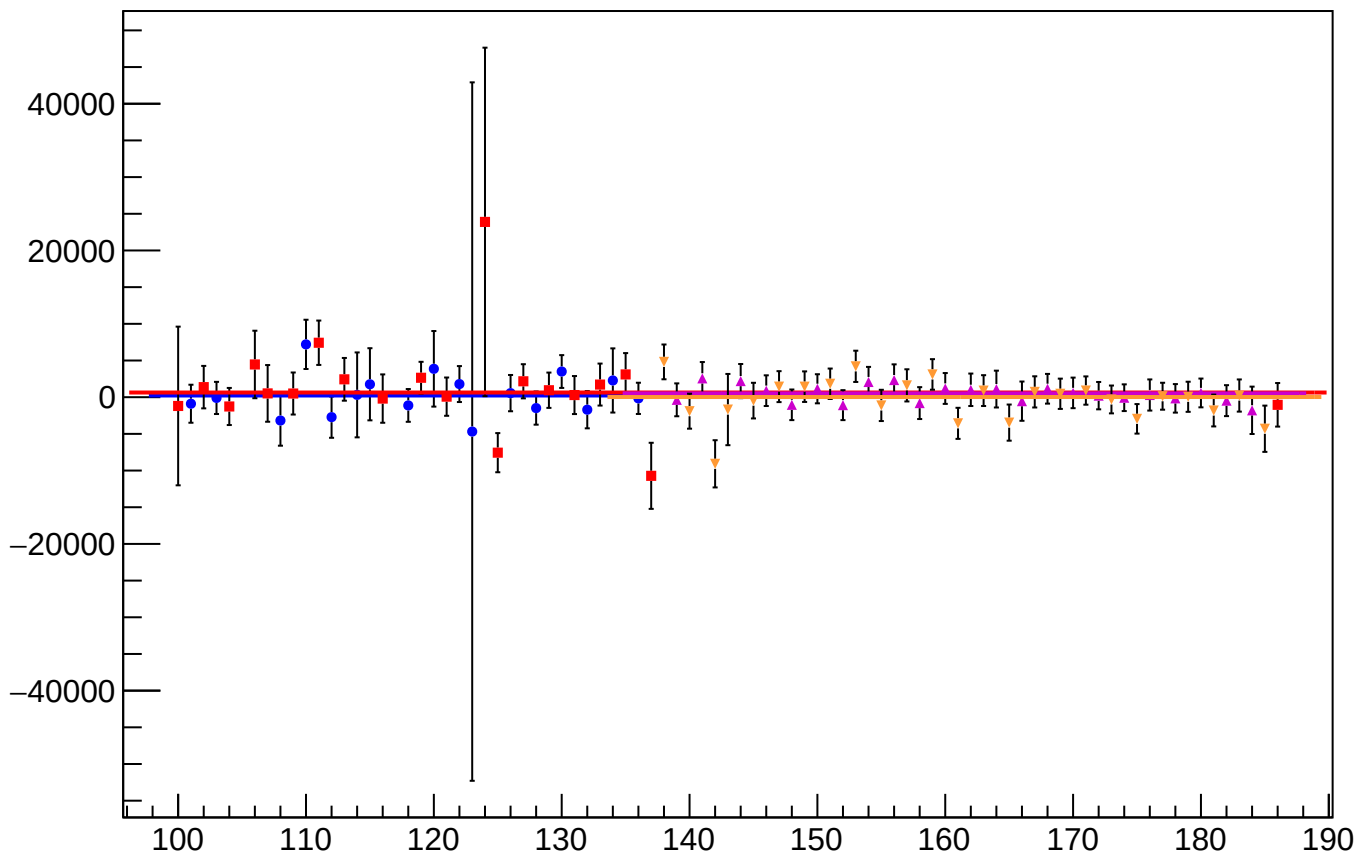
Left In: 5391.987 $\pm$ 0.929 χ^2 /NDF: 1320415.5/22

+ sign 4257.680 $\pm$ 0.645 χ^2 /NDF: 6145501.0/41

All: 4234.142 $\pm$ 0.455 χ^2 /NDF: 12818227.5/8

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

dit_asym_atl_dd_mean vs Slug



Right In: 232.323+/-686.786 χ^2/NDF : 11.5/16

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

Right Out: 637.176+/-666.706 χ^2/NDF : 26.1/19

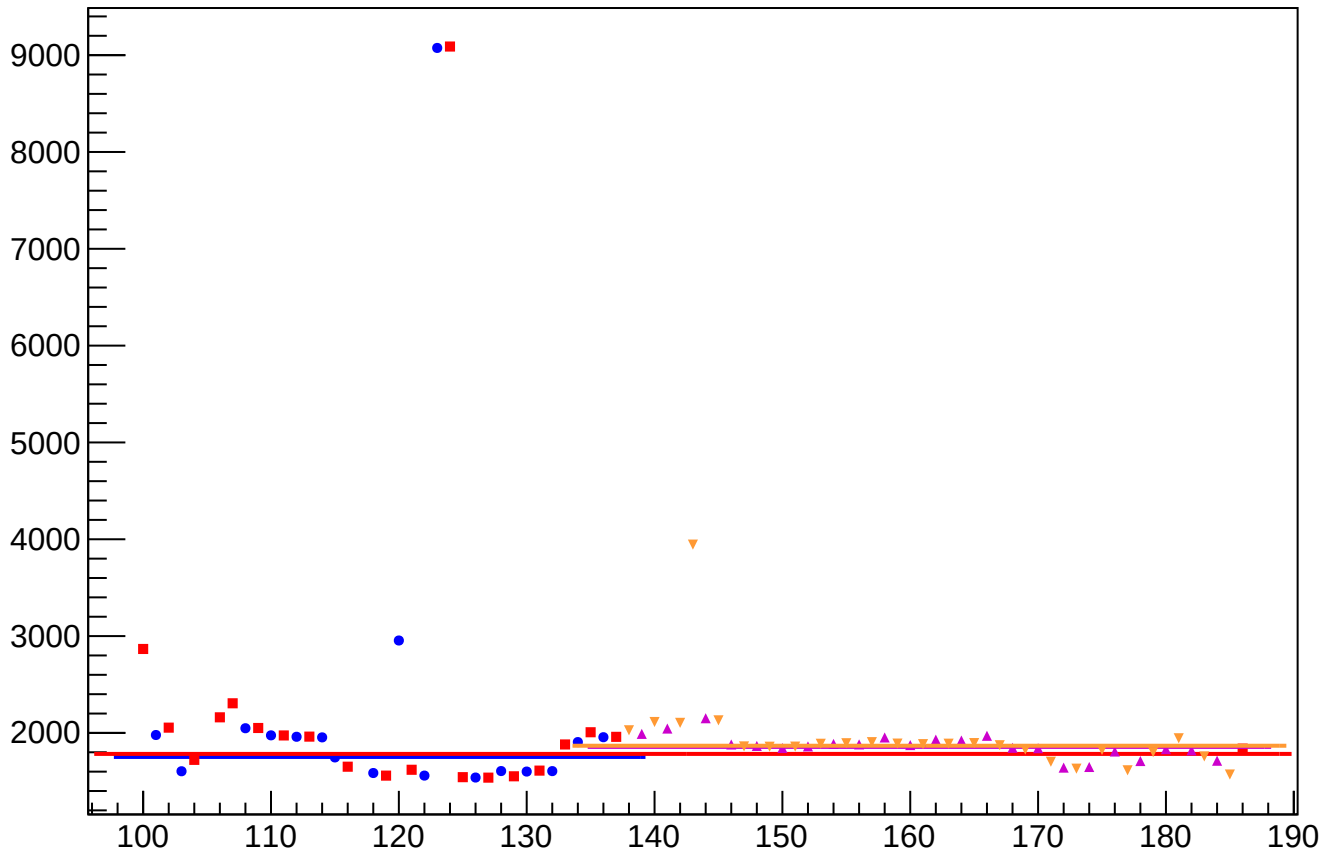
Left In: 514.693+/-444.402 χ^2/NDF : 5.9/22

+ sign 84.322+/-370.919 χ^2/NDF : 43.3/41

All: 319.065+/-261.877 χ^2/NDF : 76.2/84

- sign 552.372+/-369.783 χ^2/NDF : 32.1/42

dit_asym_atl_dd_rms vs Slug



Right In: 1751.850+/-0.486 χ^2/NDF : 300898.3/16

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

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

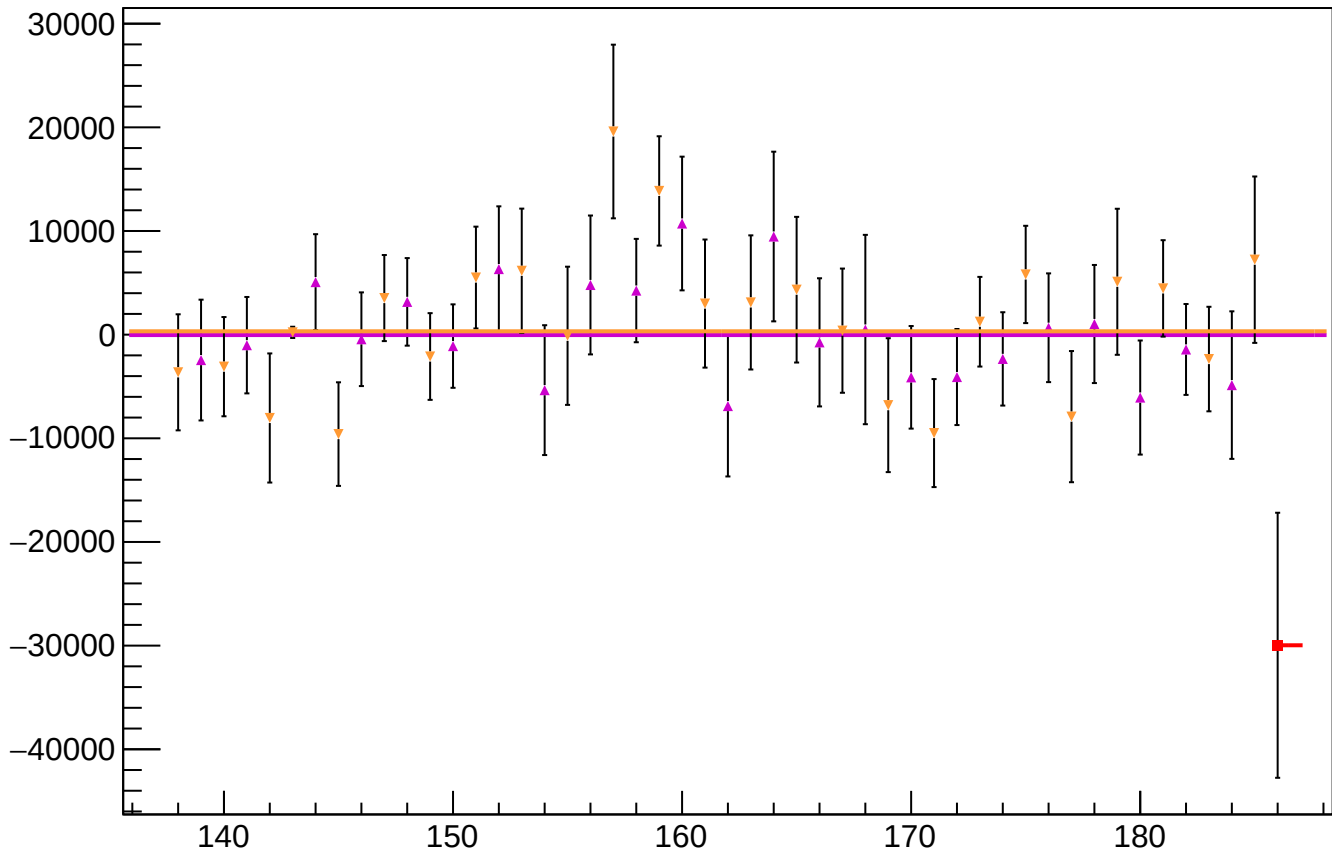
Left In: 1855.480+/-0.314 χ^2/NDF : 136219.4/22

+ sign 1833.794+/-0.262 χ^2/NDF : 886438.6/41

All: 1833.482+/-0.185 χ^2/NDF : 1468056.3/84

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

asym_atl_dd_correction_mean vs Slug



Right In: 0.000+/-0.000 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

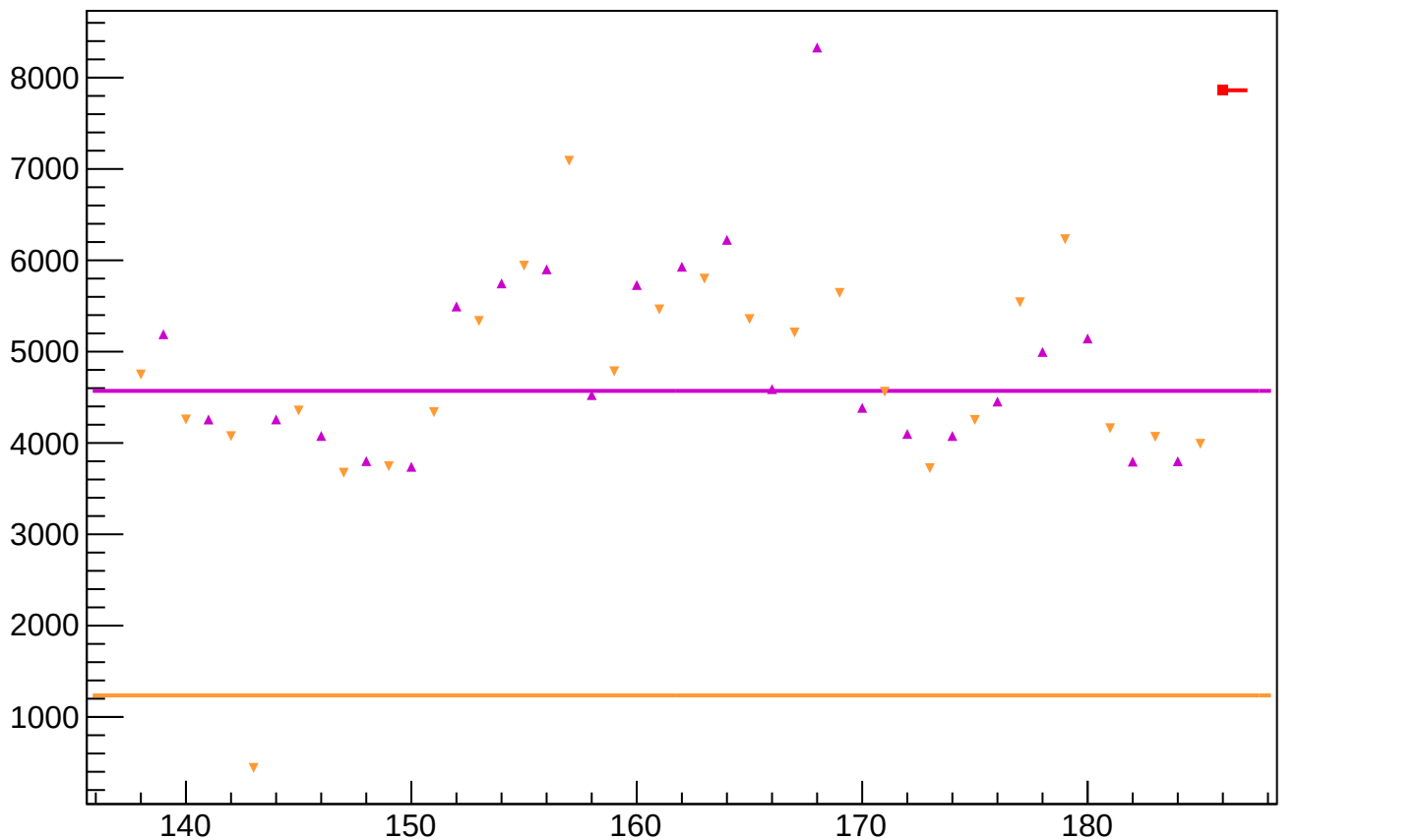
Left In: -40.142+/-1109.747 χ^2/NDF : 13.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.003+/-446.627 χ^2/NDF : 52.1/48

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

asym_atl_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 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

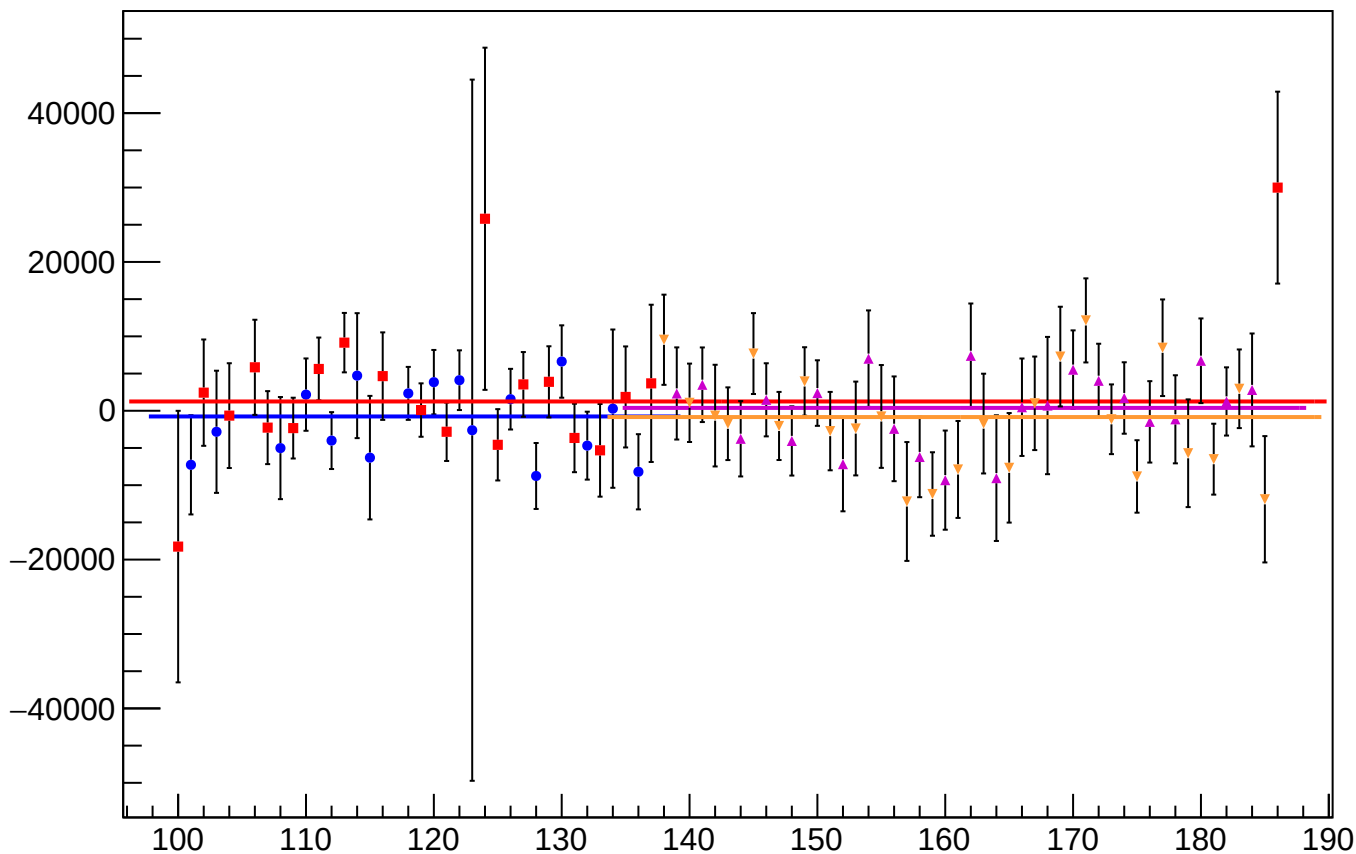
Left In: 4570.398+/-0.785 χ^2/NDF : 1145211.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1784.310+/-0.316 χ^2/NDF : 40119705.9/24

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

asym_atl_dd_mean vs Slug



Right In: -765.107 ± 1247.704 $\chi^2/\text{NDF}: 15.5/16$

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

Right Out: 1249.965 ± 1186.068 $\chi^2/\text{NDF}: 20.0/19$

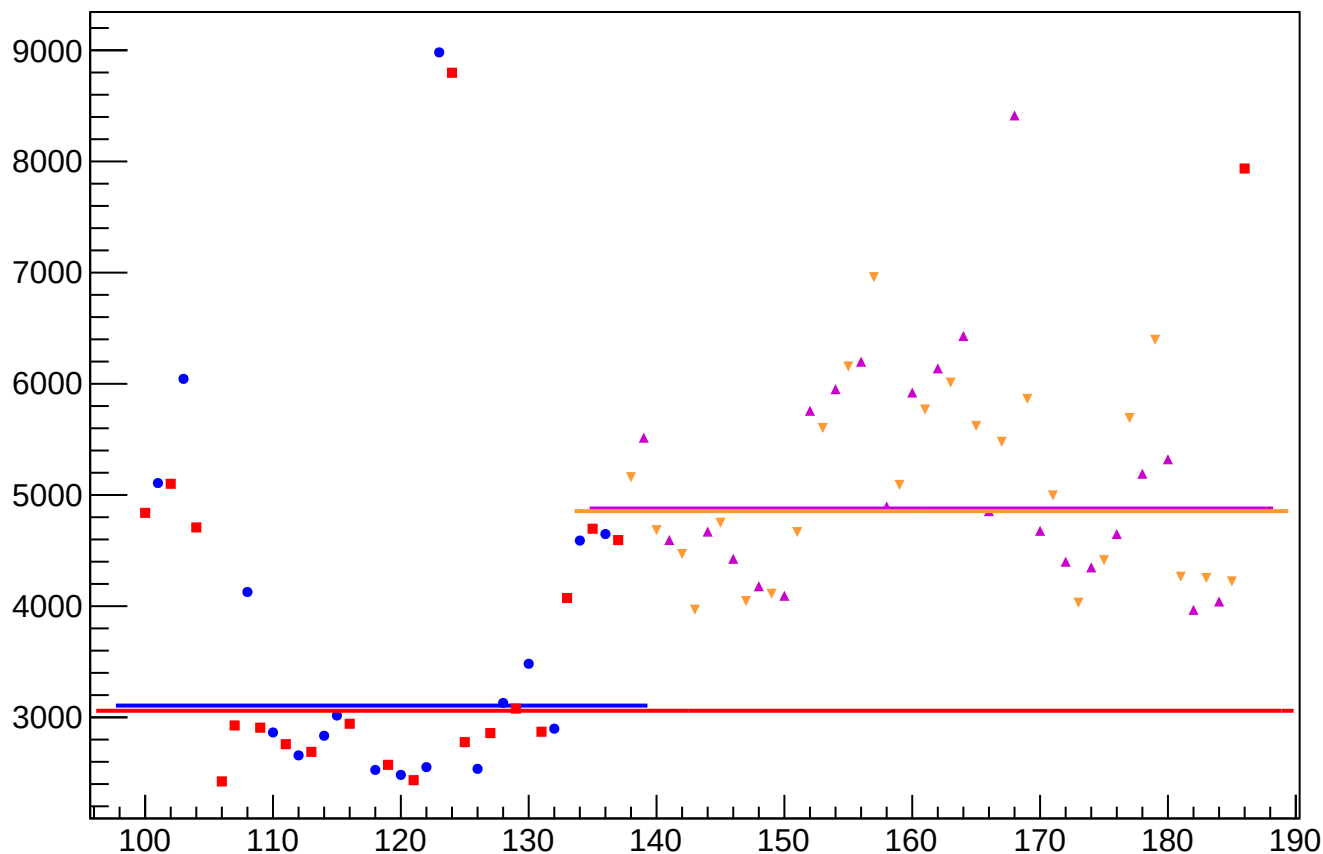
Left In: 385.098 ± 1181.458 $\chi^2/\text{NDF}: 13.9/22$

+ sign -808.442 ± 846.669 $\chi^2/\text{NDF}: 45.6/41$

All: 12.990 ± 595.253 $\chi^2/\text{NDF}: 81.6/84$

- sign 815.847 ± 837.042 $\chi^2/\text{NDF}: 34.2/42$

asym_atl_dd_rms vs Slug



Right In: 3105.849+/-0.882 χ^2/NDF : 959826.4/16

Left Out: 4854.932+/-0.815 χ^2/NDF : 895557.4/24

Right Out: 3059.357+/-0.828 χ^2/NDF : 1082696.6/19

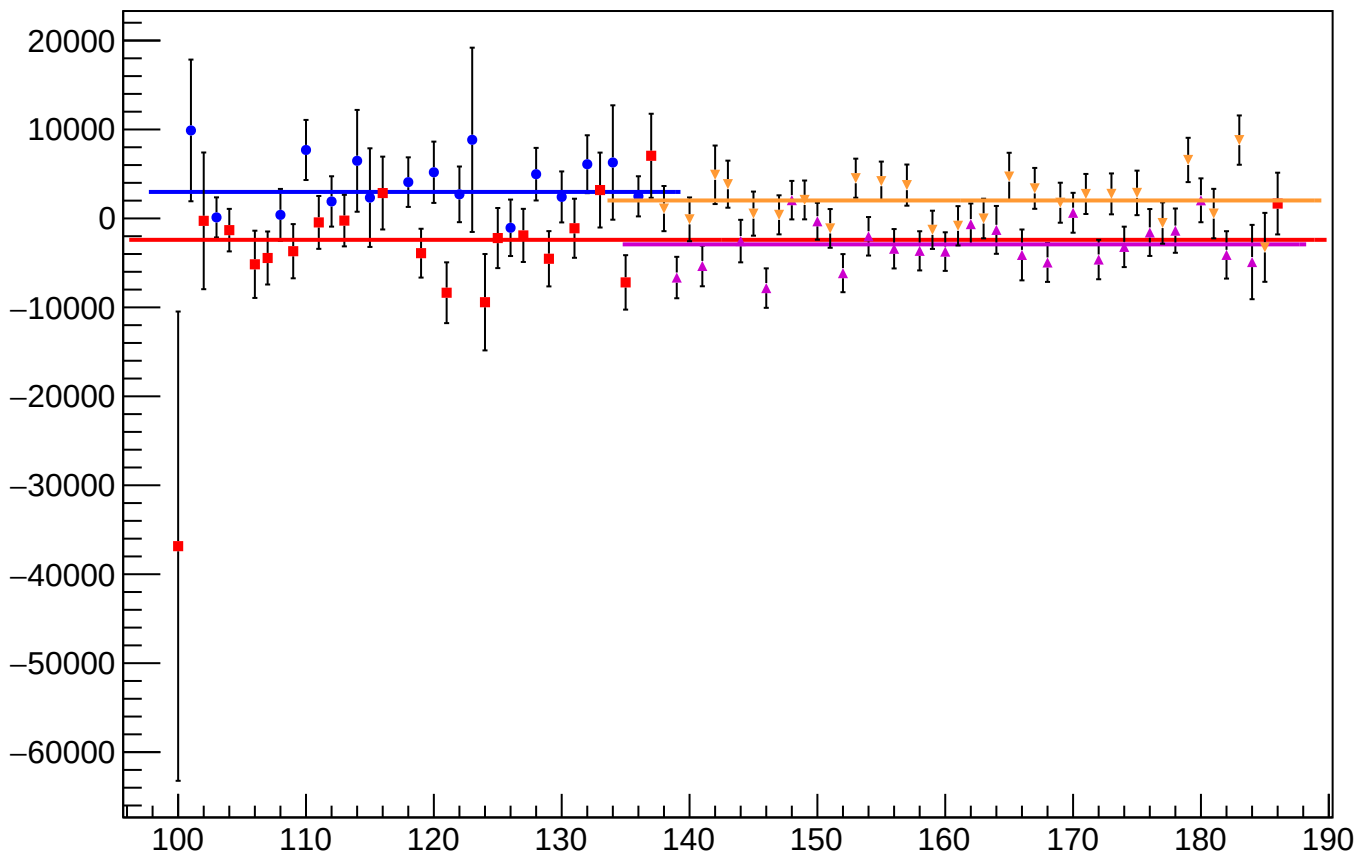
Left In: 4878.261+/-0.835 χ^2/NDF : 965222.2/22

+ sign 4049.522+/-0.599 χ^2/NDF : 3975905.0/41

All: 4004.504+/-0.420 χ^2/NDF : 8425350.1/84

- sign 3961.049+/-0.588 χ^2/NDF : 4438333.0/42

dit_asym_atr_avg_mean vs Slug



Right In: 2978.445 ± 795.398 χ^2/NDF : 9.9/16

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

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

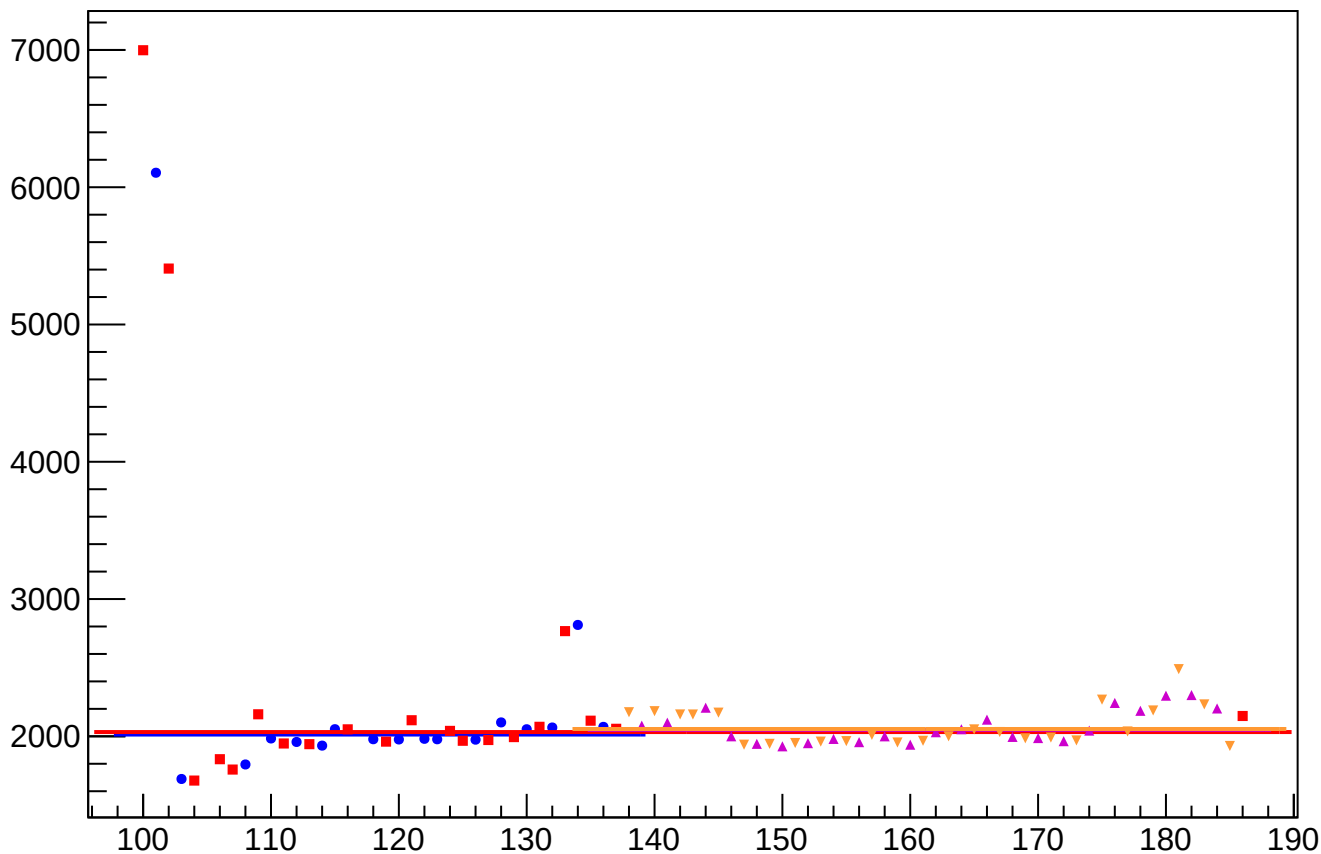
Left In: -2916.079 ± 489.445 χ^2/NDF : 28.8/22

+ sign 2276.418 ± 411.806 χ^2/NDF : 38.1/41

All: -243.673 ± 291.305 χ^2/NDF : 163.2/84

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

dit_asym_atr_avg_rms vs Slug



Right In: 2012.945 $\pm$ 0.562 χ^2 /NDF: 617707.4/16

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

Right Out: 2031.027 $\pm$ 0.540 χ^2 /NDF: 599812.7/19

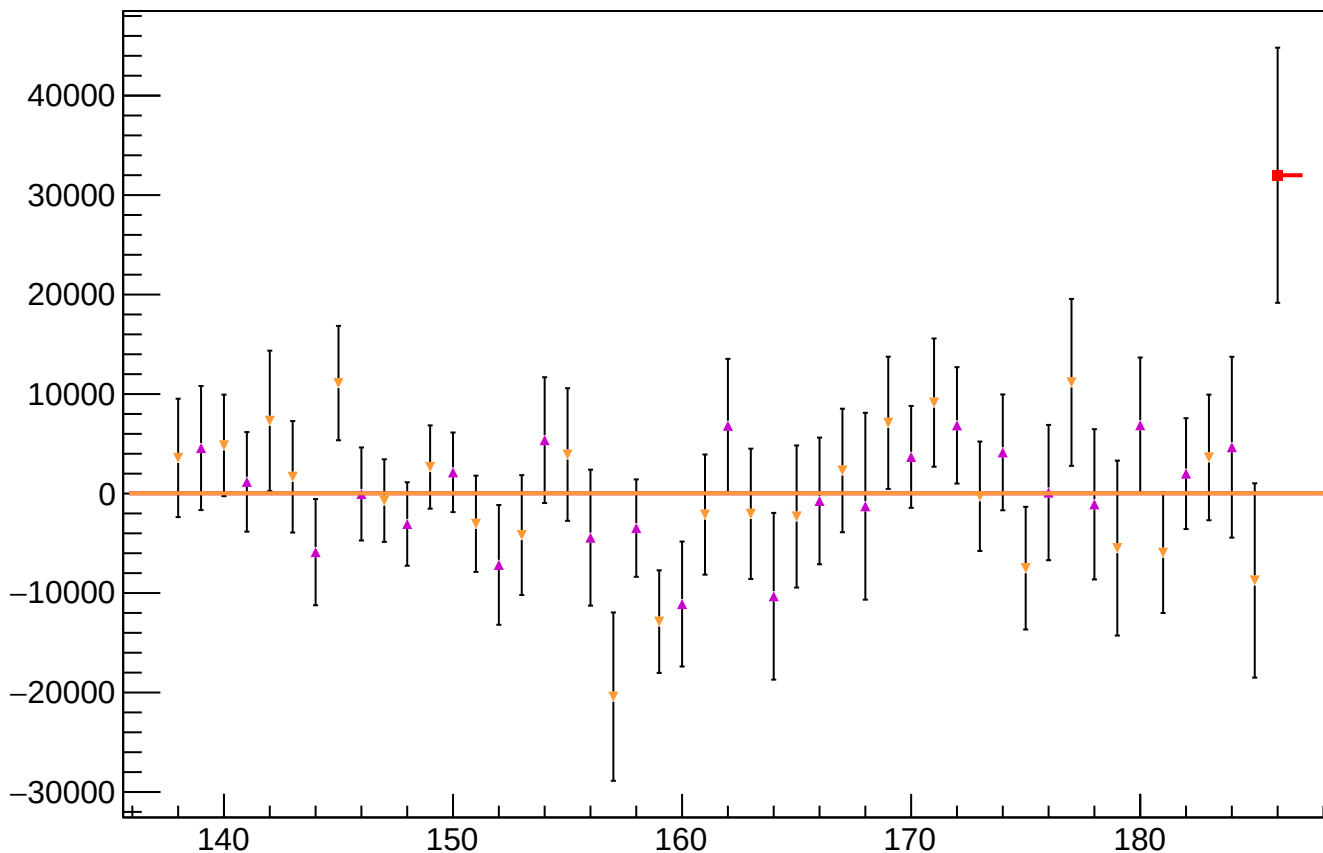
Left In: 2047.277 $\pm$ 0.346 χ^2 /NDF: 103001.2/22

+ sign 2042.480 $\pm$ 0.291 χ^2 /NDF: 758362.9/41

All: 2042.513 $\pm$ 0.206 χ^2 /NDF: 1461818.7/84

- sign 2042.547 $\pm$ 0.291 χ^2 /NDF: 703455.7/42

asym_atr_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

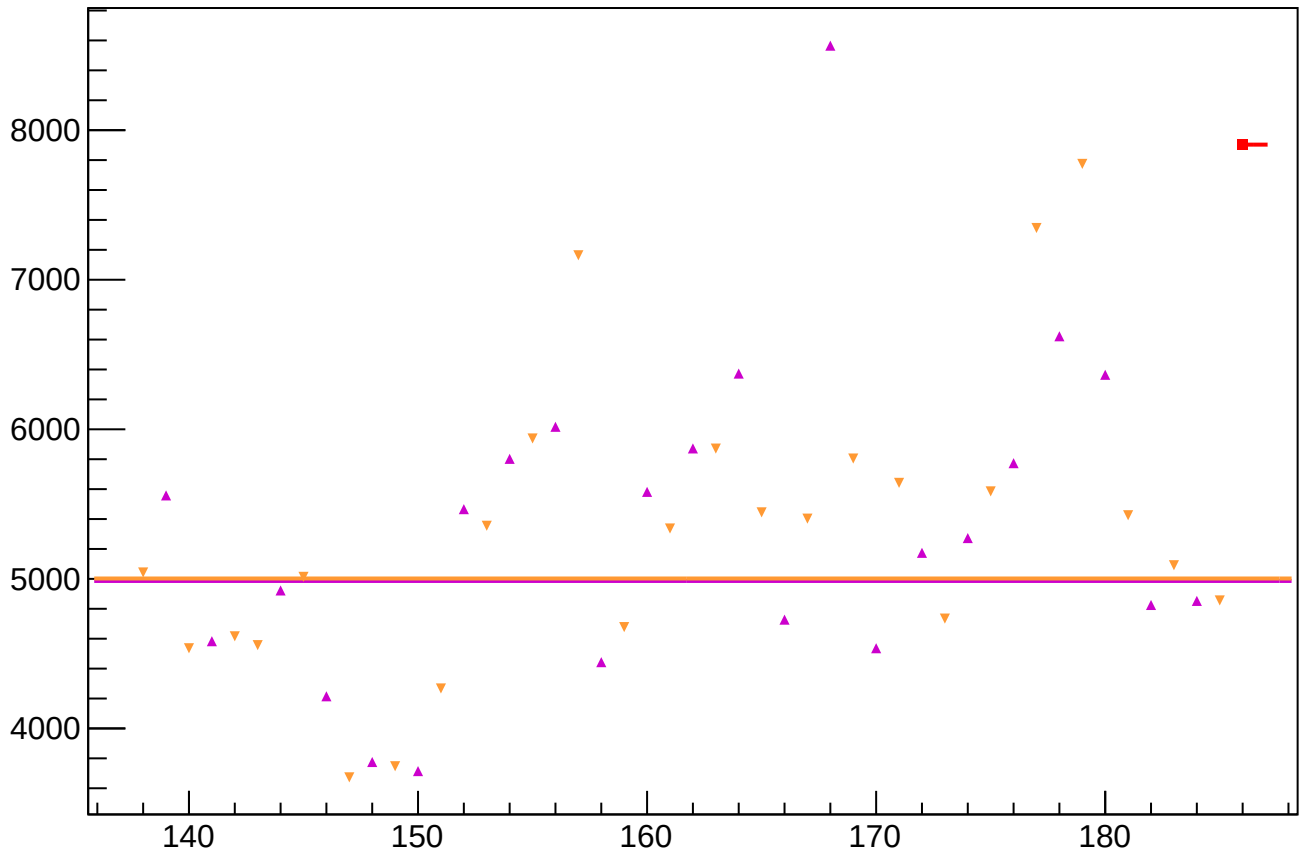
Left In: 23.765 $\pm$ 1211.652 χ^2 /NDF: 15.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.960 $\pm$ 848.818 χ^2 /NDF: 50.6/48

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

asym_atr_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 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

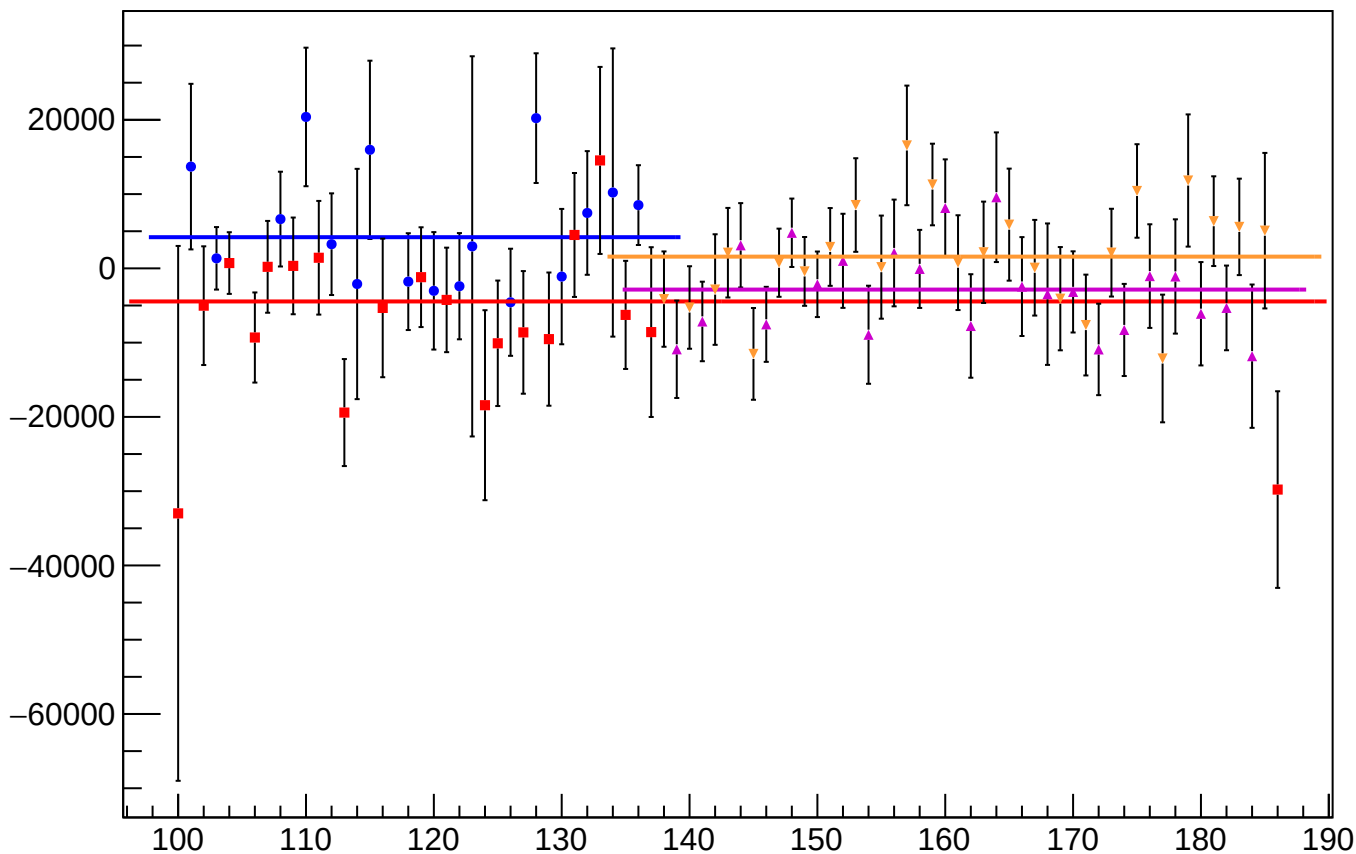
Left In: 4986.169+/-0.857 χ^2/NDF : 1197602.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5007.225+/-0.600 χ^2/NDF : 2445846.7/48

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

asym_atr_avg_mean vs Slug



Right In: 4198.770+/-1857.803 χ^2/NDF : 14.1/16

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

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

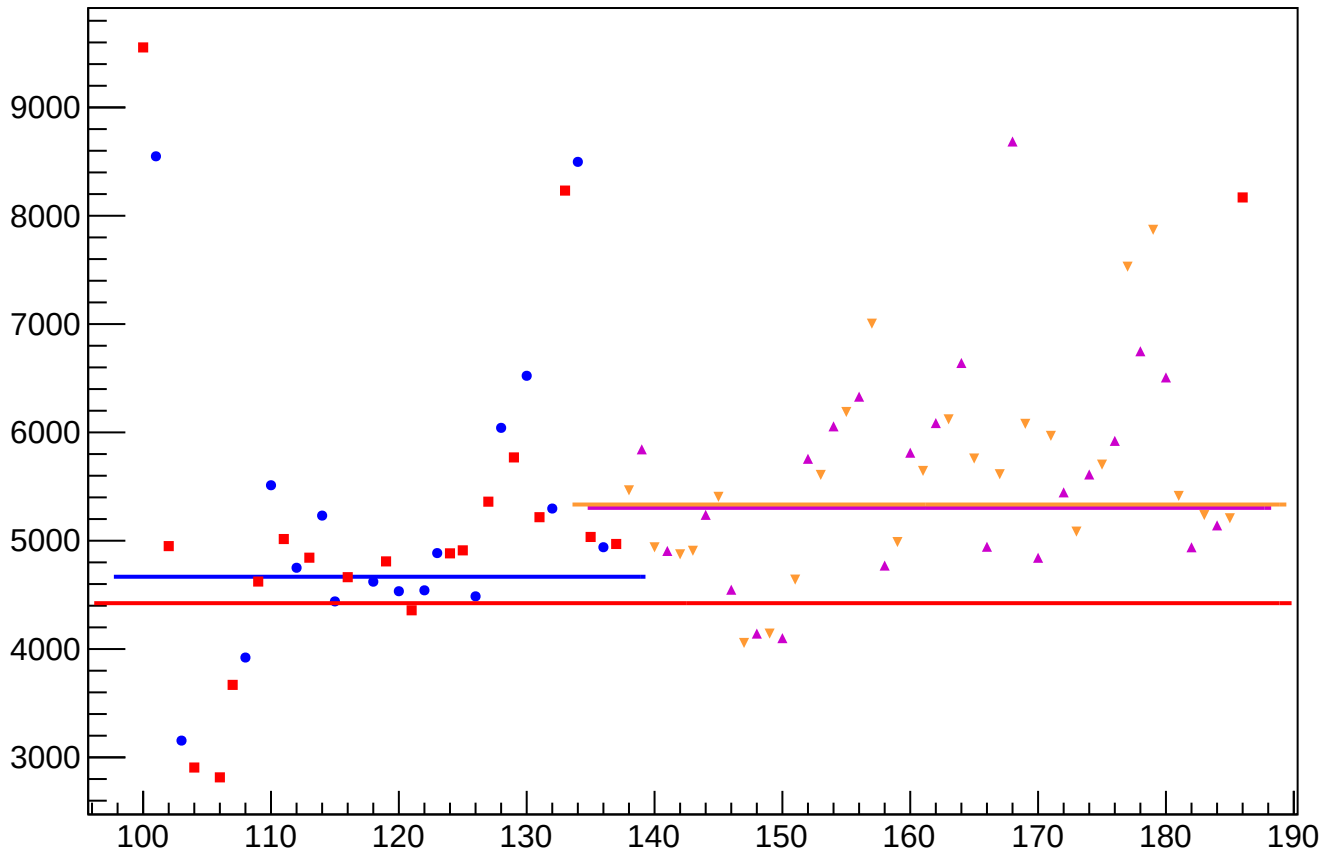
Left In: -2856.480+/-1284.131 χ^2/NDF : 18.1/22

+ sign 2410.889+/-1046.238 χ^2/NDF : 40.6/41

All: -564.881+/-732.902 χ^2/NDF : 93.7/84

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

asym_atr_avg_rms vs Slug



Right In: 4667.470+/-1.314 χ^2/NDF : 777857.9/16

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

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

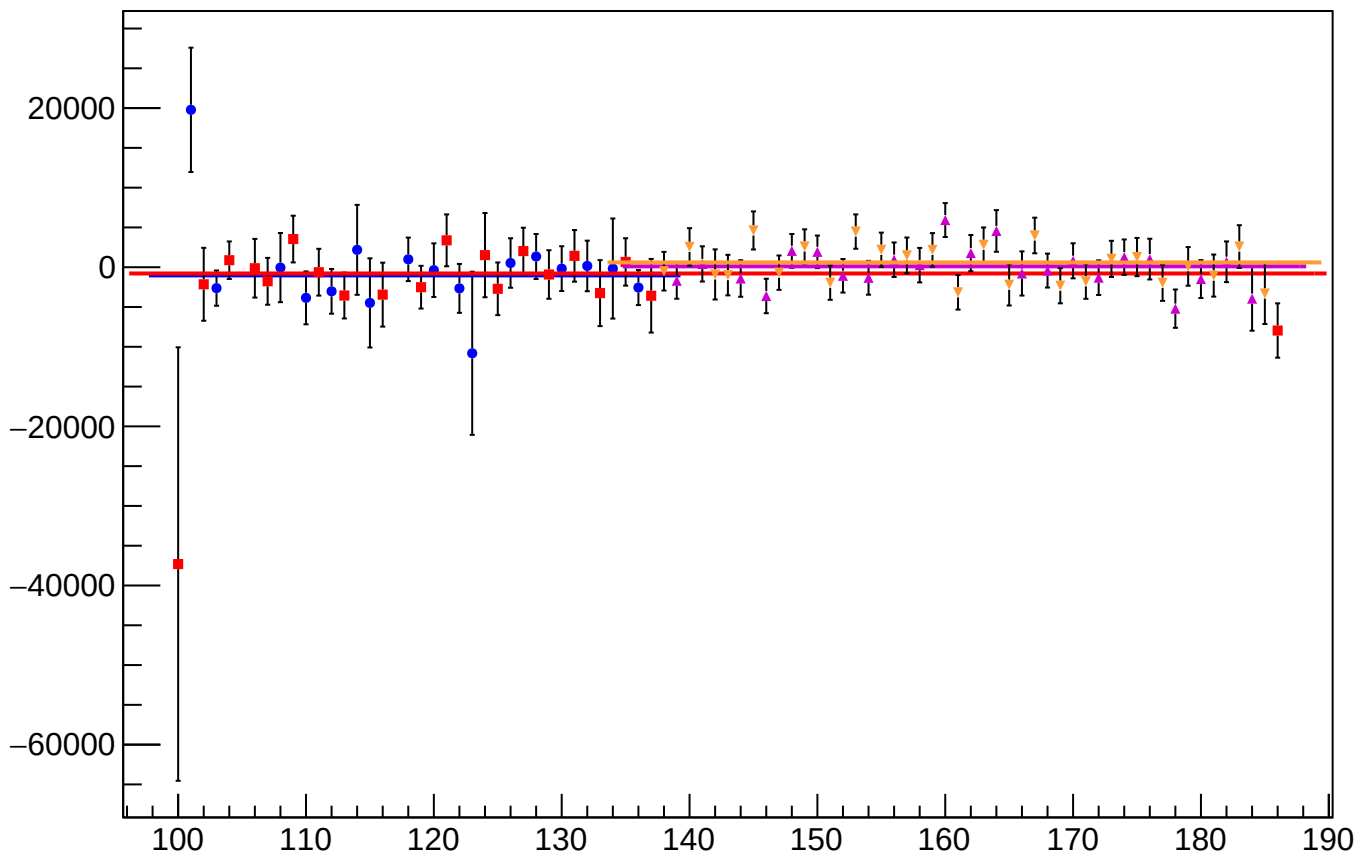
Left In: 5303.321+/-0.908 χ^2/NDF : 960356.0/22

+ sign 5122.762+/-0.740 χ^2/NDF : 1819179.7/41

All: 5051.906+/-0.518 χ^2/NDF : 4133905.6/84

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

dit_asym_atr_dd_mean vs Slug



Right In: -1027.051 ± 796.597 χ^2/NDF : 13.1/16

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

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

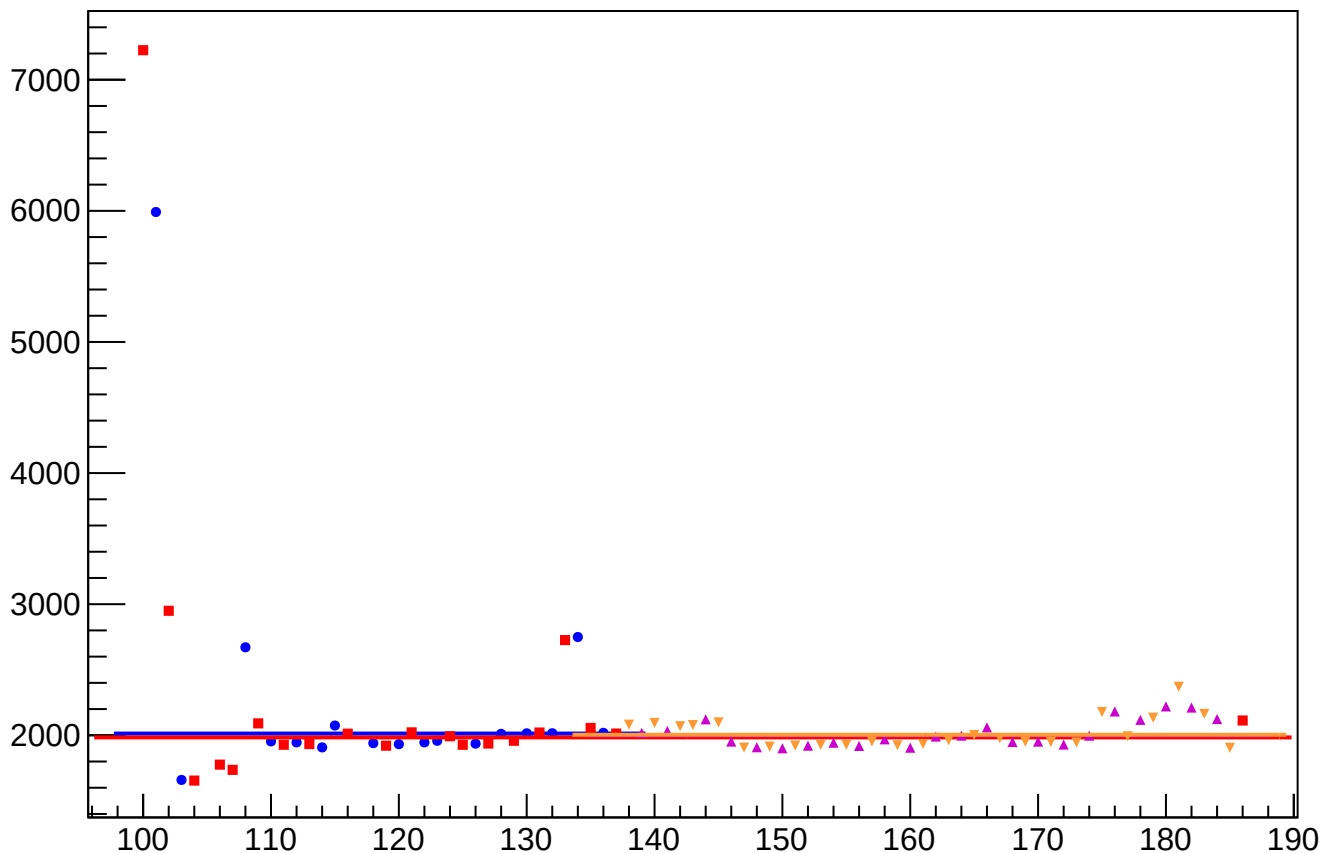
Left In: 108.365 ± 477.899 χ^2/NDF : 25.0/22

+ sign 184.962 ± 404.410 χ^2/NDF : 41.4/41

All: 14.825 ± 285.059 χ^2/NDF : 83.2/84

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

dit_asym_atr_dd_rms vs Slug



Right In: 2013.270 $\pm$ 0.563 χ^2 /NDF: 650048.6/16

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

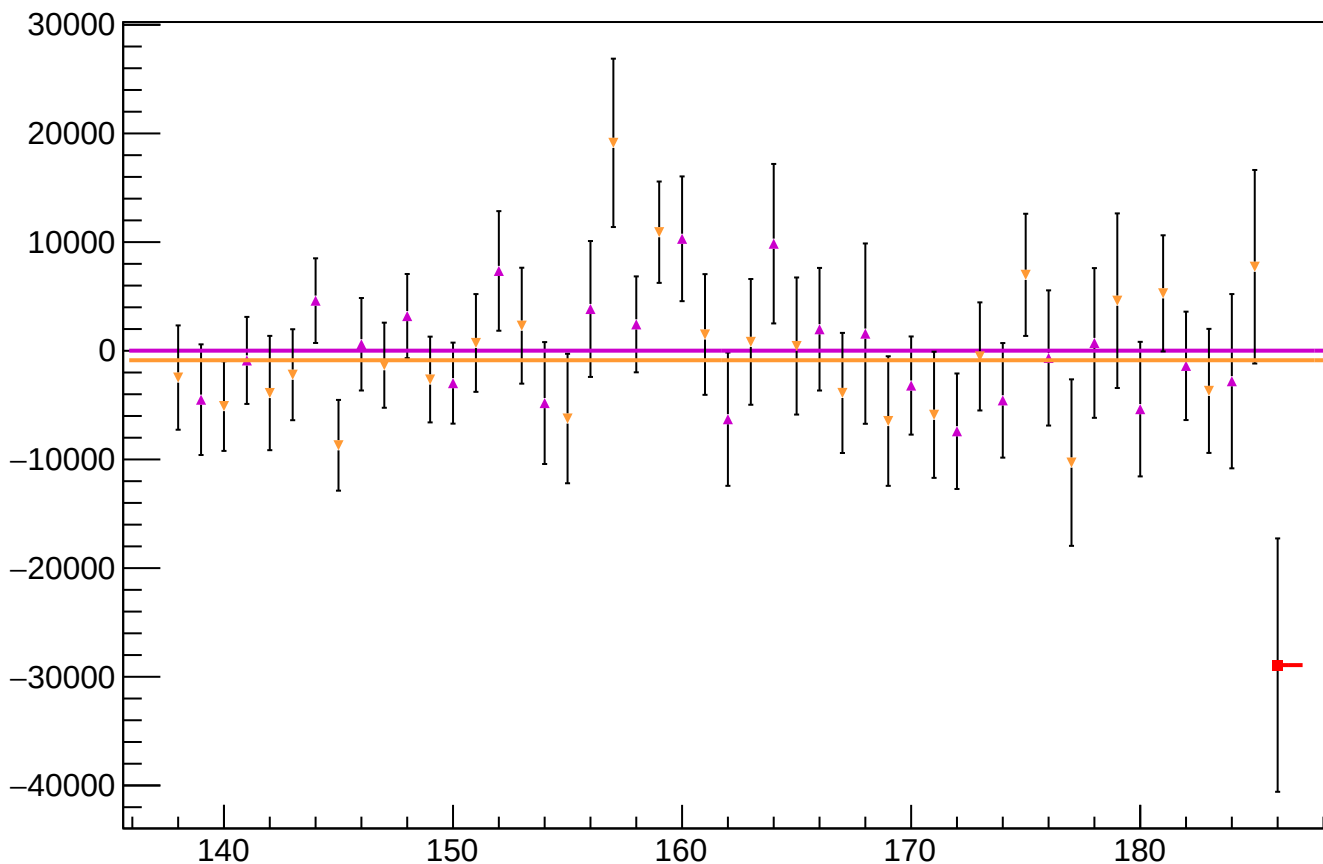
Left In: 2000.119 $\pm$ 0.338 χ^2 /NDF:79688.8/22

+ sign 2006.380 $\pm$ 0.286 χ^2 /NDF: 750231.9/41

All: 2000.840 $\pm$ 0.202 χ^2 /NDF: 1129235.0/84

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

asym_atr_dd_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -28924.718+/-11659.045 χ^2/NDF : 0.0/0

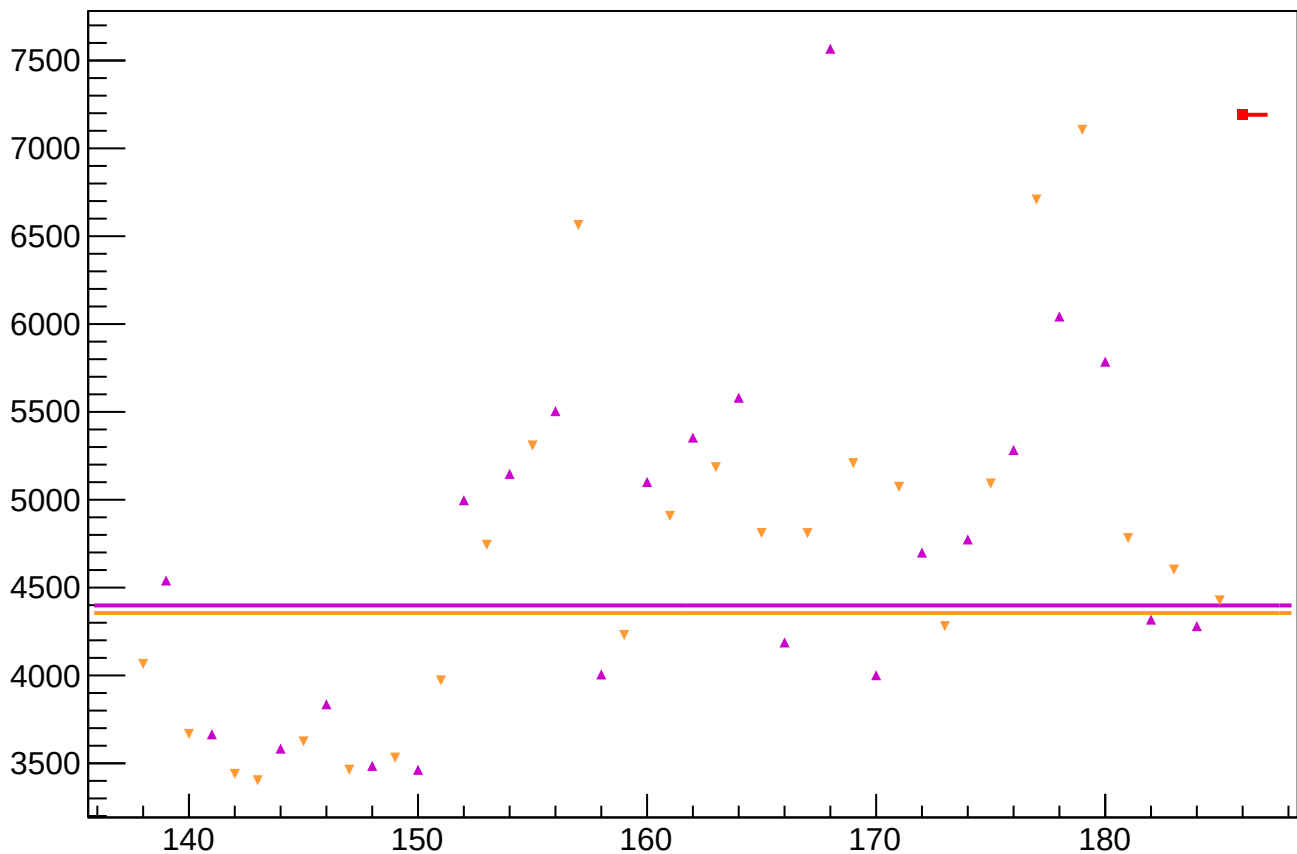
Left In: 10.945+/-1070.258 χ^2/NDF : 17.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -557.868+/-745.577 χ^2/NDF : 51.8/48

- sign -230.846+/-1065.777 χ^2/NDF : 23.3/23

asym_atr_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 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

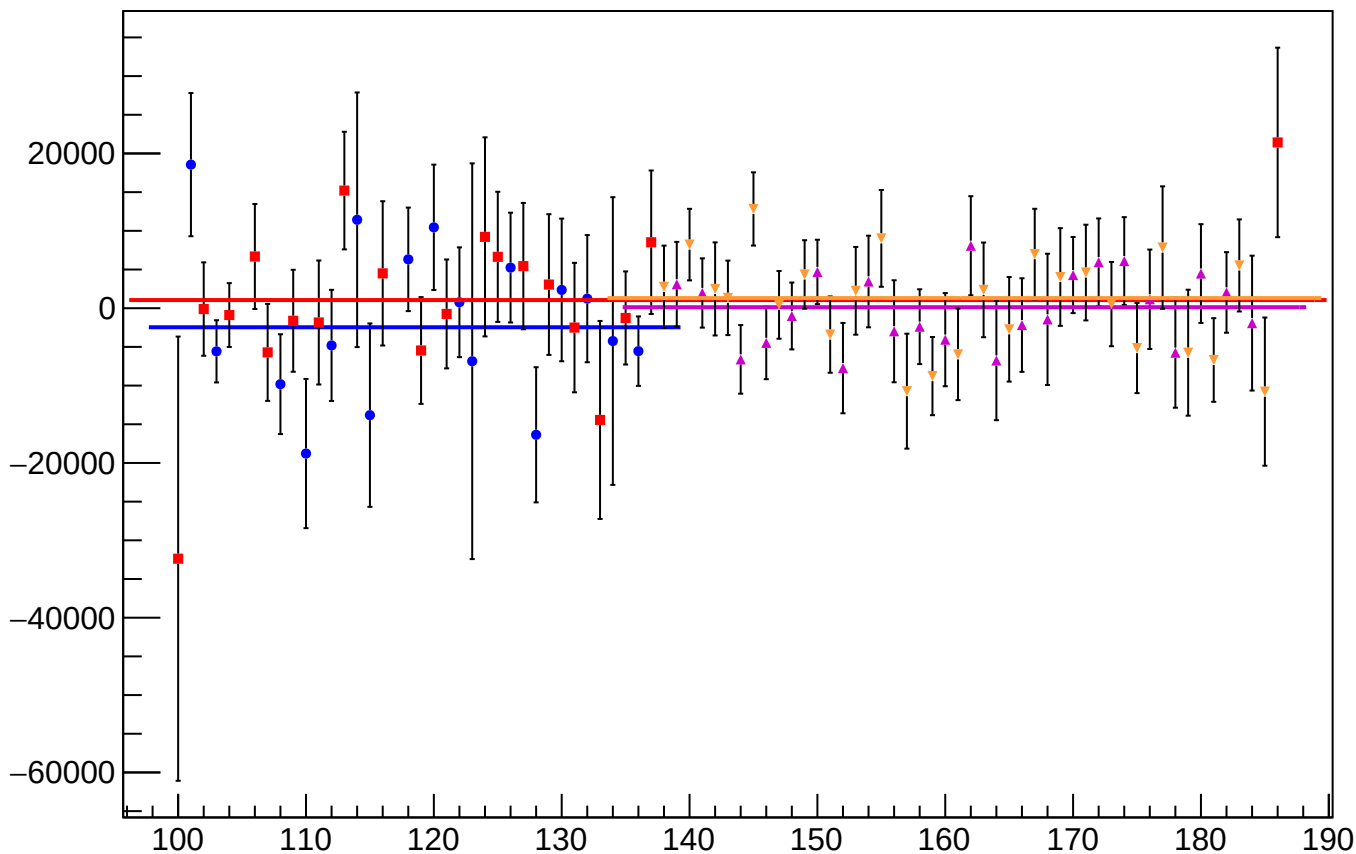
Left In: 4398.421+/-0.757 χ^2/NDF :1278784.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4387.773+/-0.527 χ^2/NDF : 2747048.6/48

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

asym_atr_dd_mean vs Slug



Right In: -2462.254 $\pm$ 1797.293 χ^2 /NDF: 20.8/16

Left Out: 1306.805 $\pm$ 1131.617 χ^2 /NDF:28.1/24

Right Out: 1053.985 $\pm$ 1673.954 χ^2 /NDF: 14.7/19

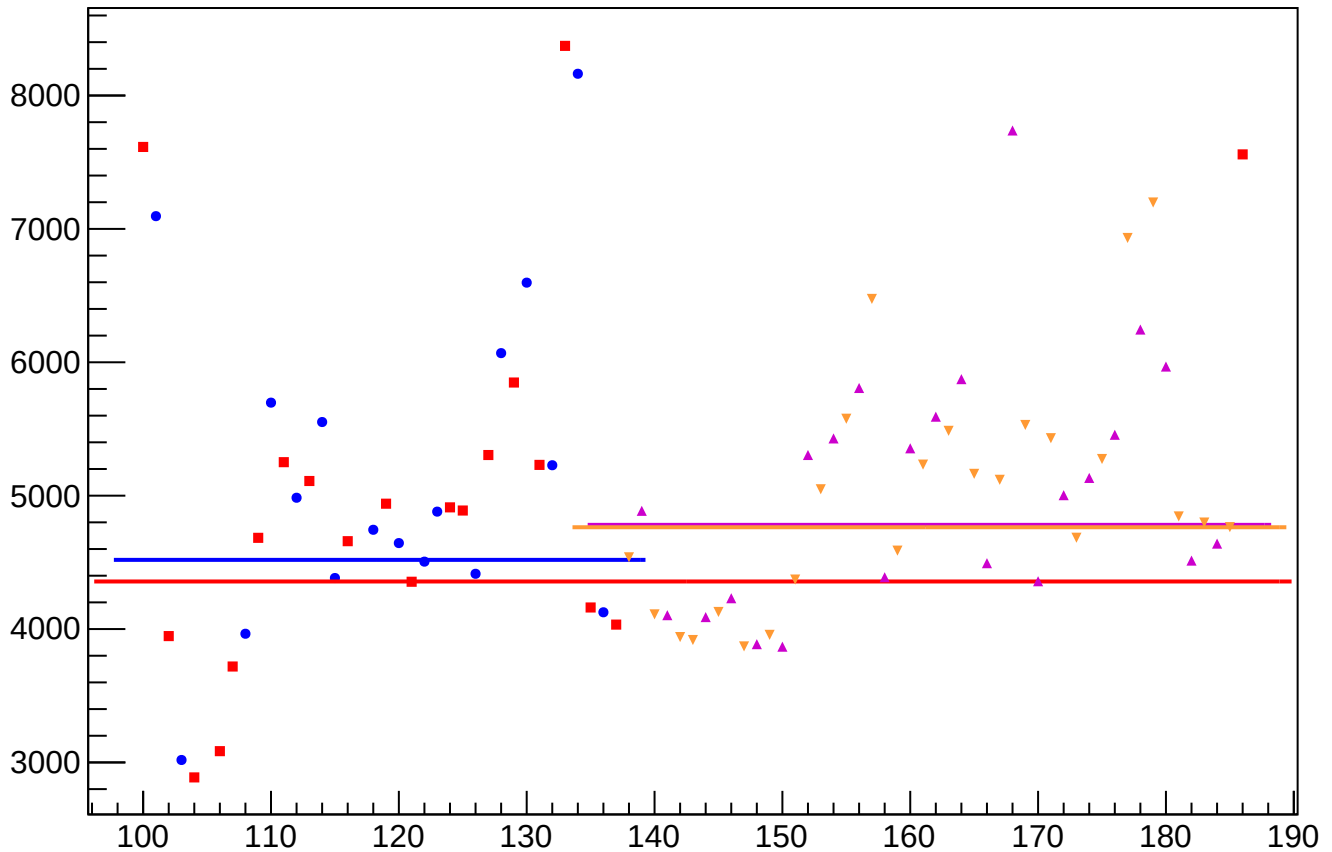
Left In: 131.428 $\pm$ 1157.282 χ^2 /NDF:14.9/22

+ sign 236.822 $\pm$ 957.615 χ^2 /NDF: 52.1/41

All: 333.872 $\pm$ 675.119 χ^2 /NDF: 81.9/84

- sign 429.775 $\pm$ 951.936 χ^2 /NDF: 29.8/42

asym_atr_dd_rms vs Slug



Right In: 4518.684 $\pm$ 1.271 χ^2 /NDF: 770226.9/16

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

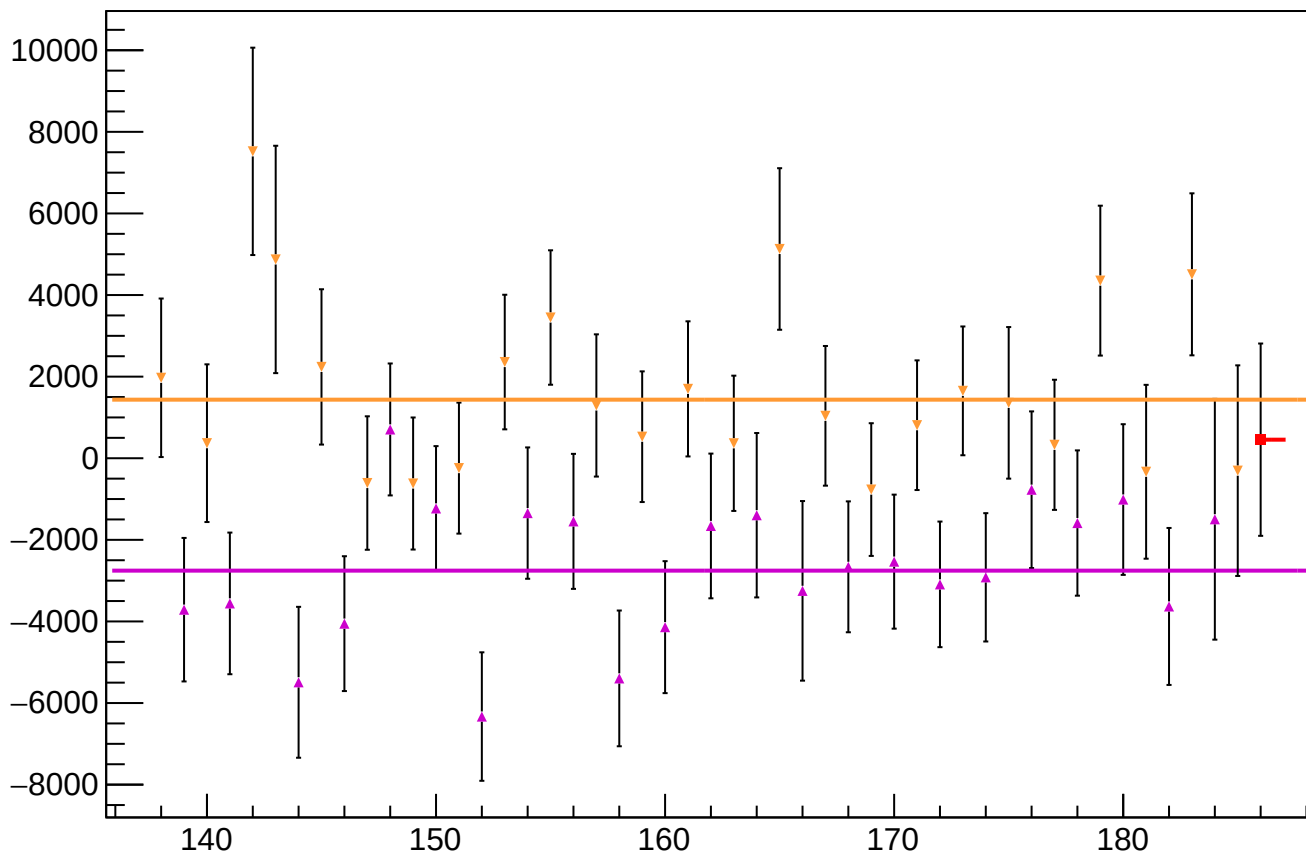
Left In: 4781.172 $\pm$ 0.818 χ^2 /NDF: 951542.2/22

+ sign 4693.778 $\pm$ 0.677 χ^2 /NDF: 1738590.3/41

All: 4668.129 $\pm$ 0.477 χ^2 /NDF: 3691631.5/84

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

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1435.504+/-358.178 χ^2/NDF : 26.7/24

Right Out: 454.834+/-2356.861 χ^2/NDF : 0.0/0

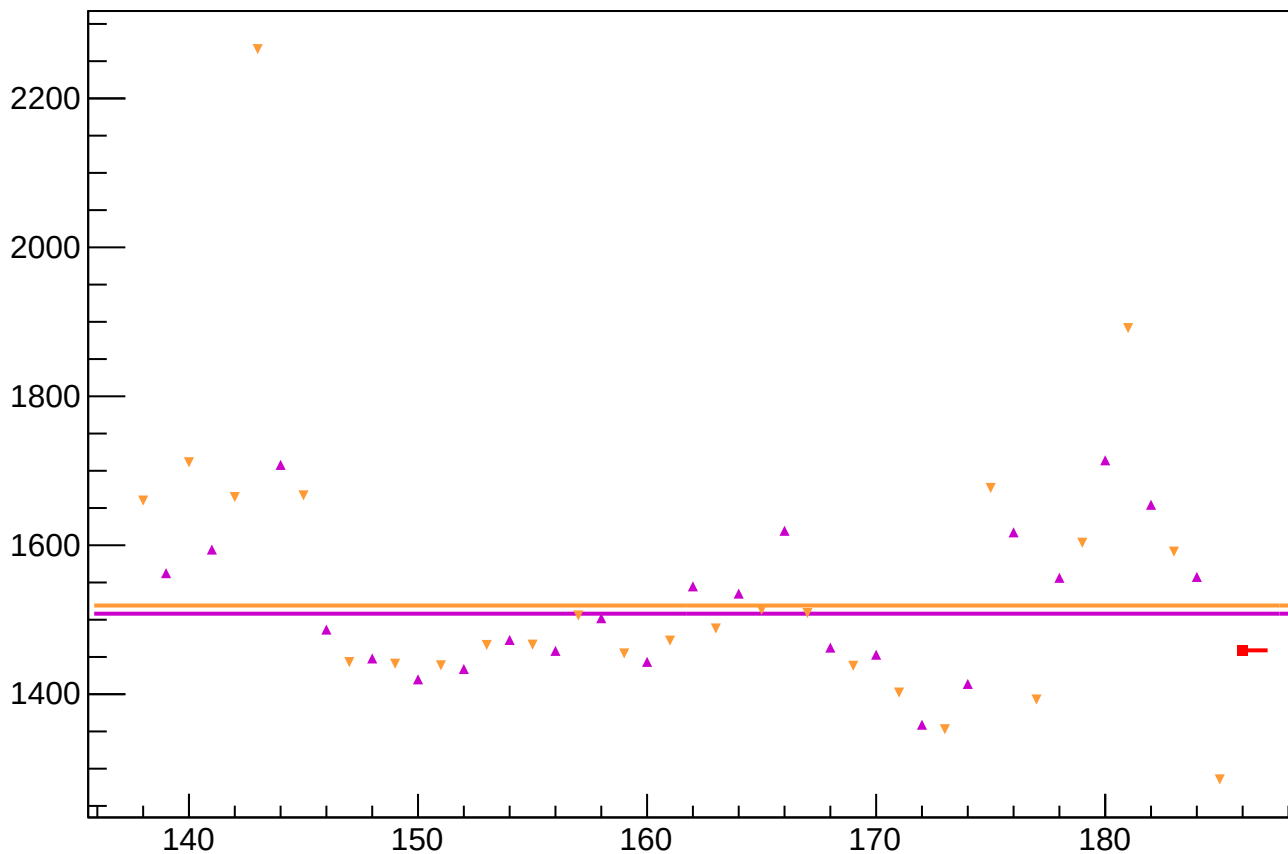
Left In: -2754.889+/-361.672 χ^2/NDF : 22.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.744+/-253.025 χ^2/NDF : 117.1/48

- sign -2681.044+/-357.487 χ^2/NDF : 24.2/23

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 0.000+/-0.000 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

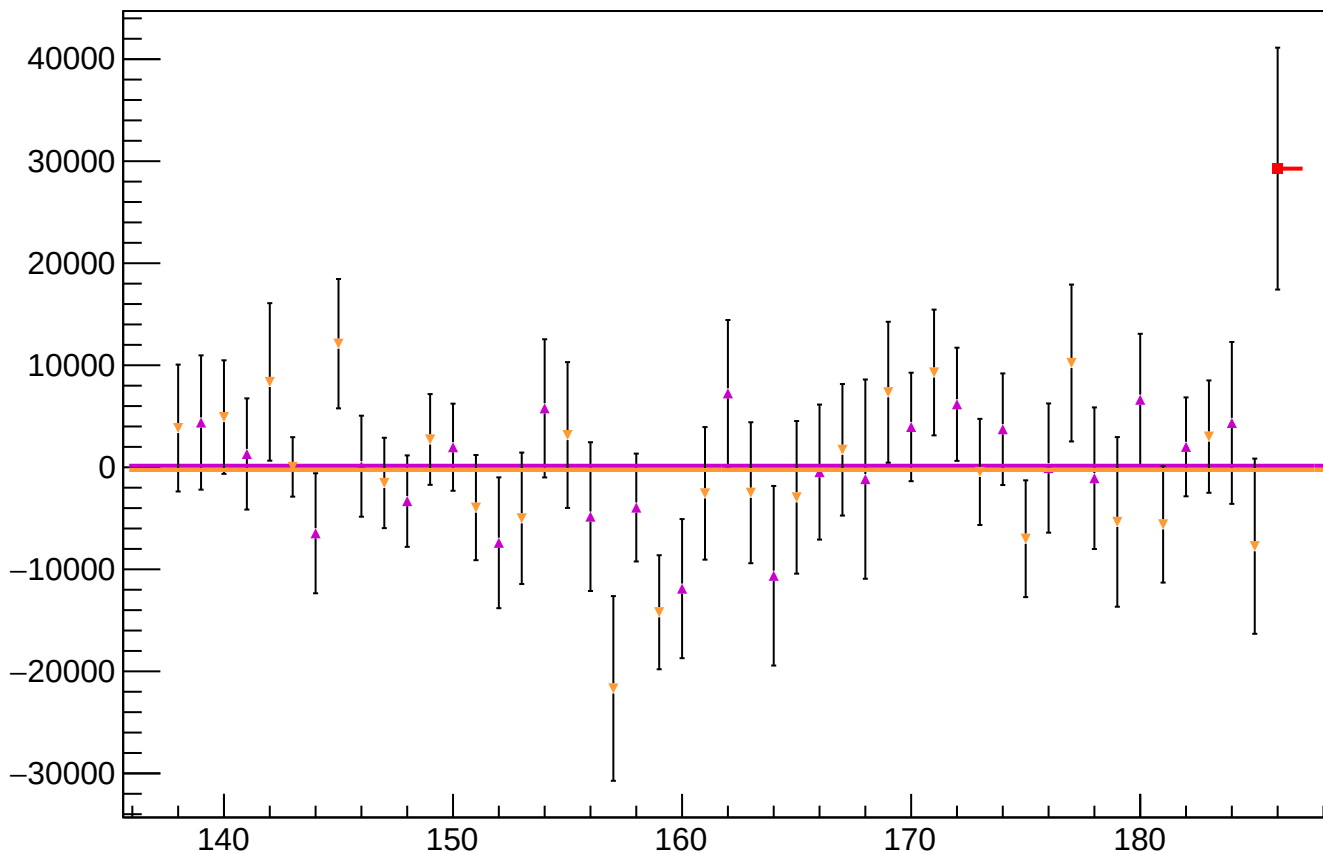
Left In: 1508.111+/-0.256 χ^2/NDF : 131488.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1513.024+/-0.179 χ^2/NDF : 499326.2/48

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

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 29272.334 $\pm$ 11854.412 χ^2 /NDF: 0.0/0

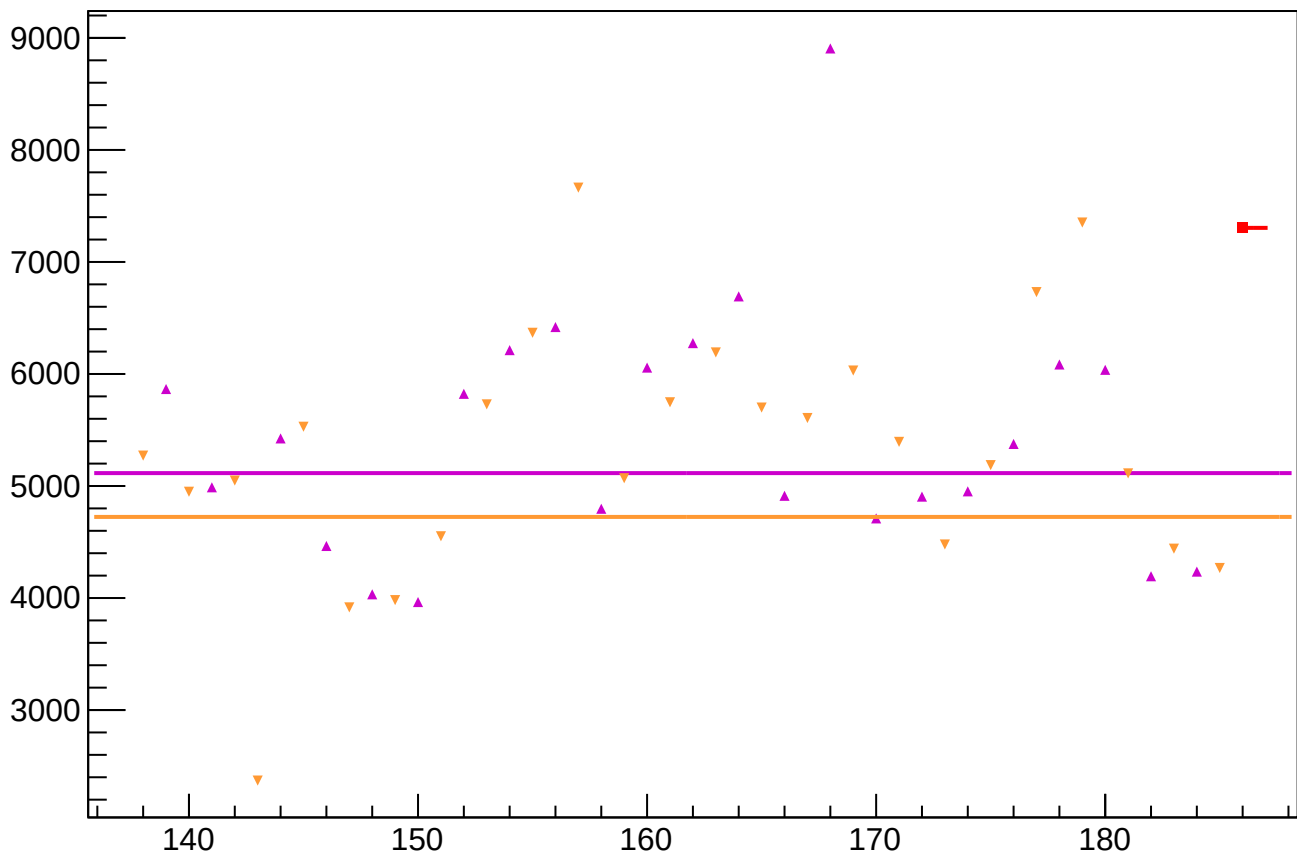
Left In: 151.239 $\pm$ 1241.800 χ^2 /NDF:14.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.802 $\pm$ 842.071 χ^2 /NDF: 50.7/48

- sign 467.329 $\pm$ 1235.042 χ^2 /NDF: 20.8/23

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 7304.343+/-8.382 χ^2/NDF : 0.0/0

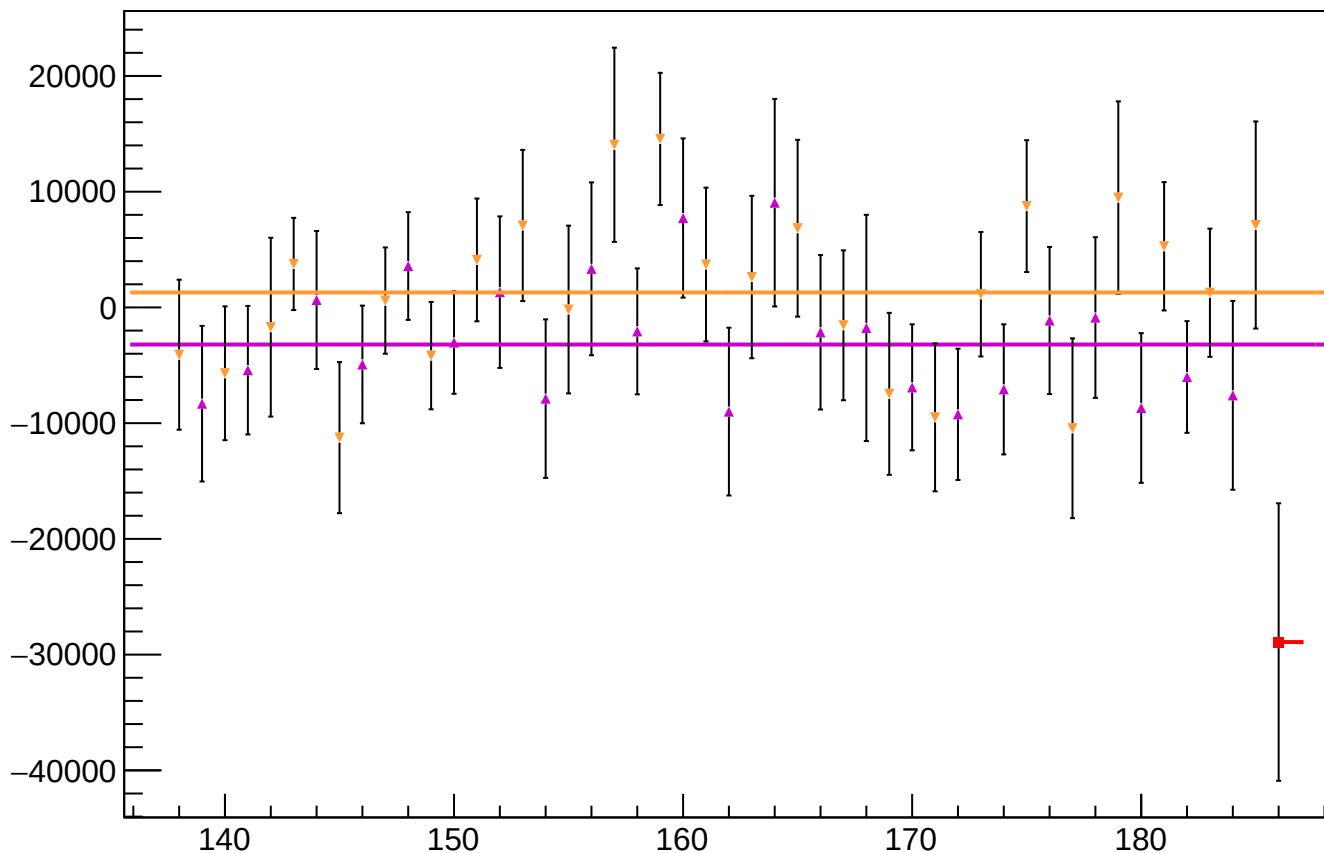
Left In: 5115.139+/-0.878 χ^2/NDF : 1131347.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4916.891+/-0.595 χ^2/NDF : 3857117.6/48

- sign 5138.902+/-0.873 χ^2/NDF : 1198815.9/23

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 0.000+/-0.000 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

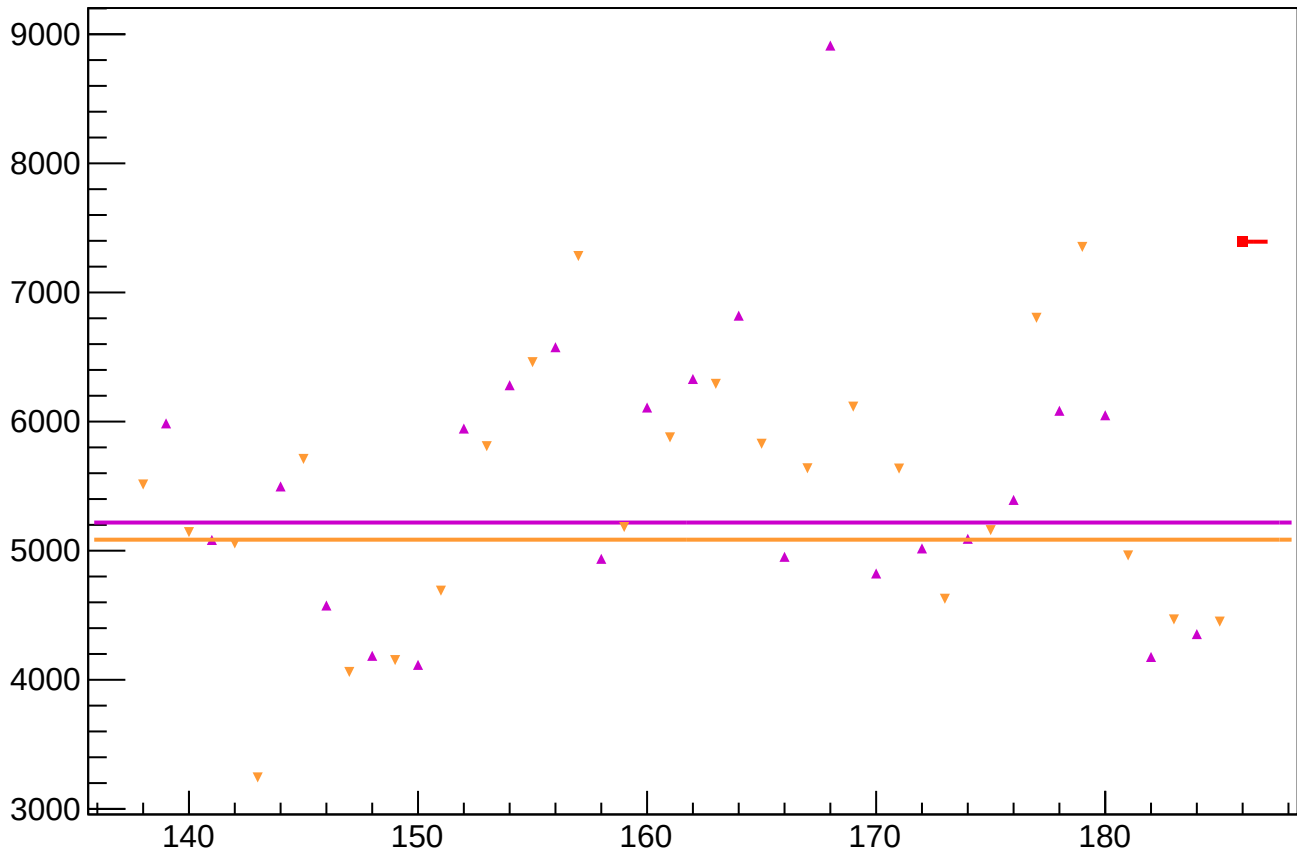
Left In: -3205.363+/-1265.586 χ^2/NDF :13.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1015.527+/-874.423 χ^2/NDF : 53.7/48

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

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 7393.224+/-8.476 χ^2/NDF : 0.0/0

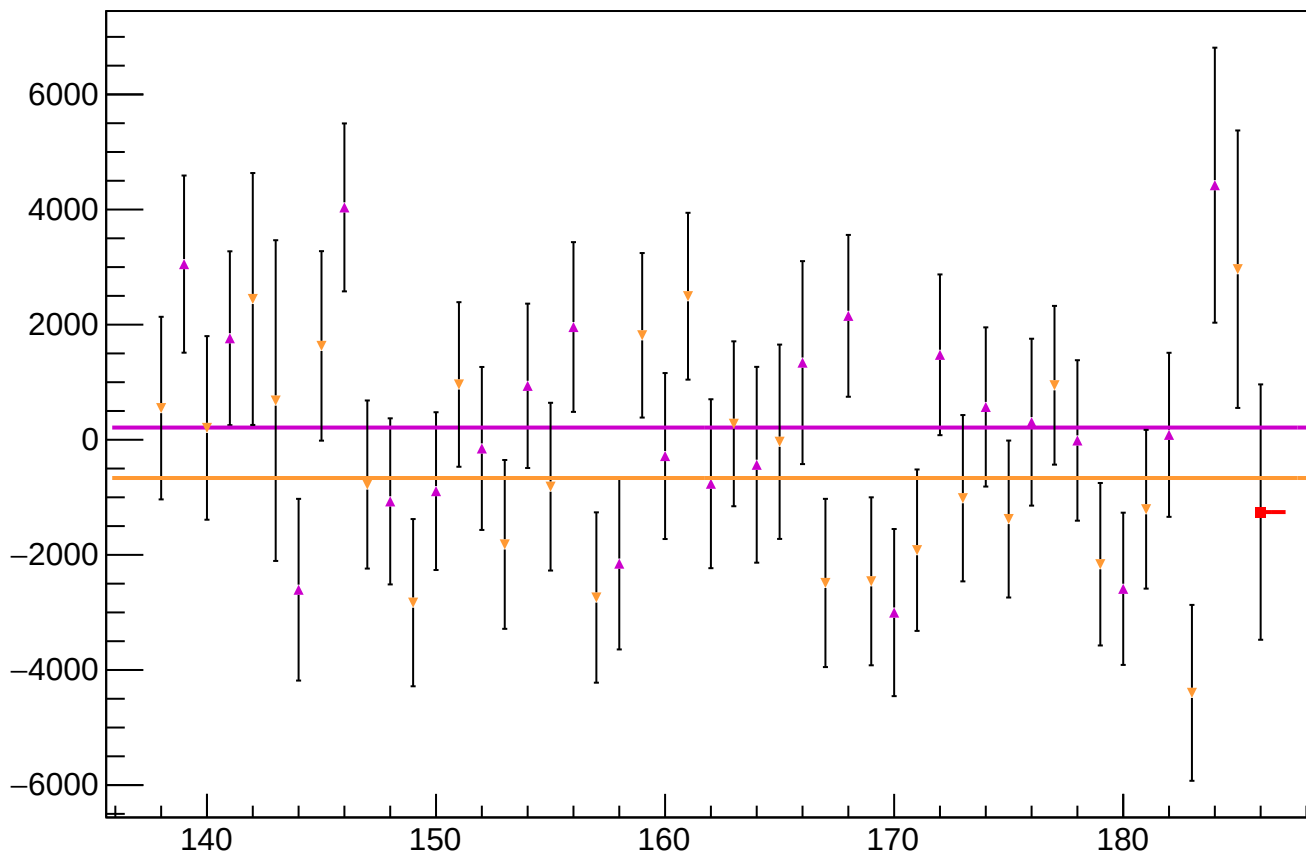
Left In: 5217.971+/-0.895 χ^2/NDF :1058996.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5160.918+/-0.618 χ^2/NDF : 2496850.0/48

- sign 5241.950+/-0.890 χ^2/NDF : 1124125.5/23

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -1256.411+/-2218.569 χ^2/NDF : 0.0/0

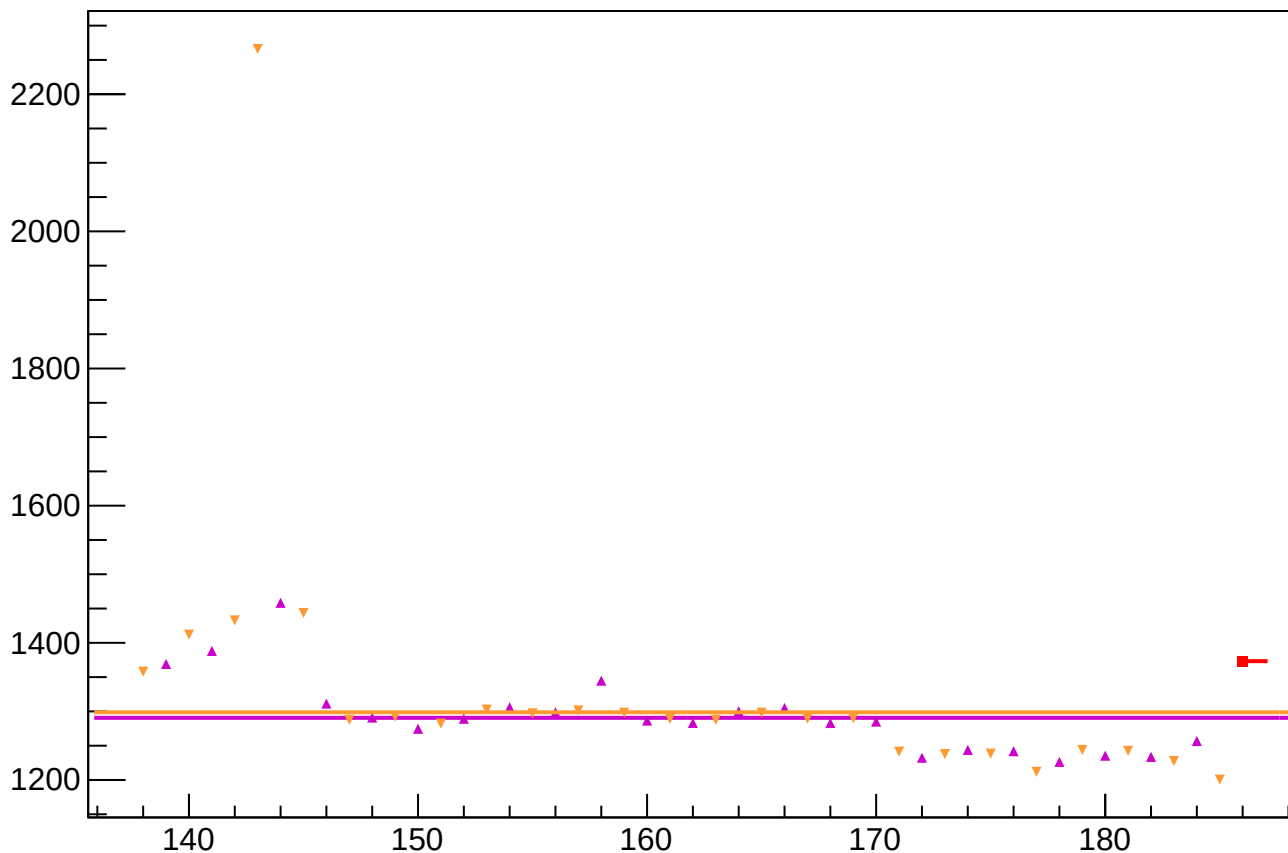
Left In: 212.071+/-308.597 χ^2/NDF : 36.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.826+/-215.941 χ^2/NDF : 75.5/48

- sign 184.198+/-305.654 χ^2/NDF : 37.1/23

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1298.743+/-0.216 χ^2/NDF : 310344.8/24

Right Out: 1373.283+/-1.569 χ^2/NDF : 0.0/0

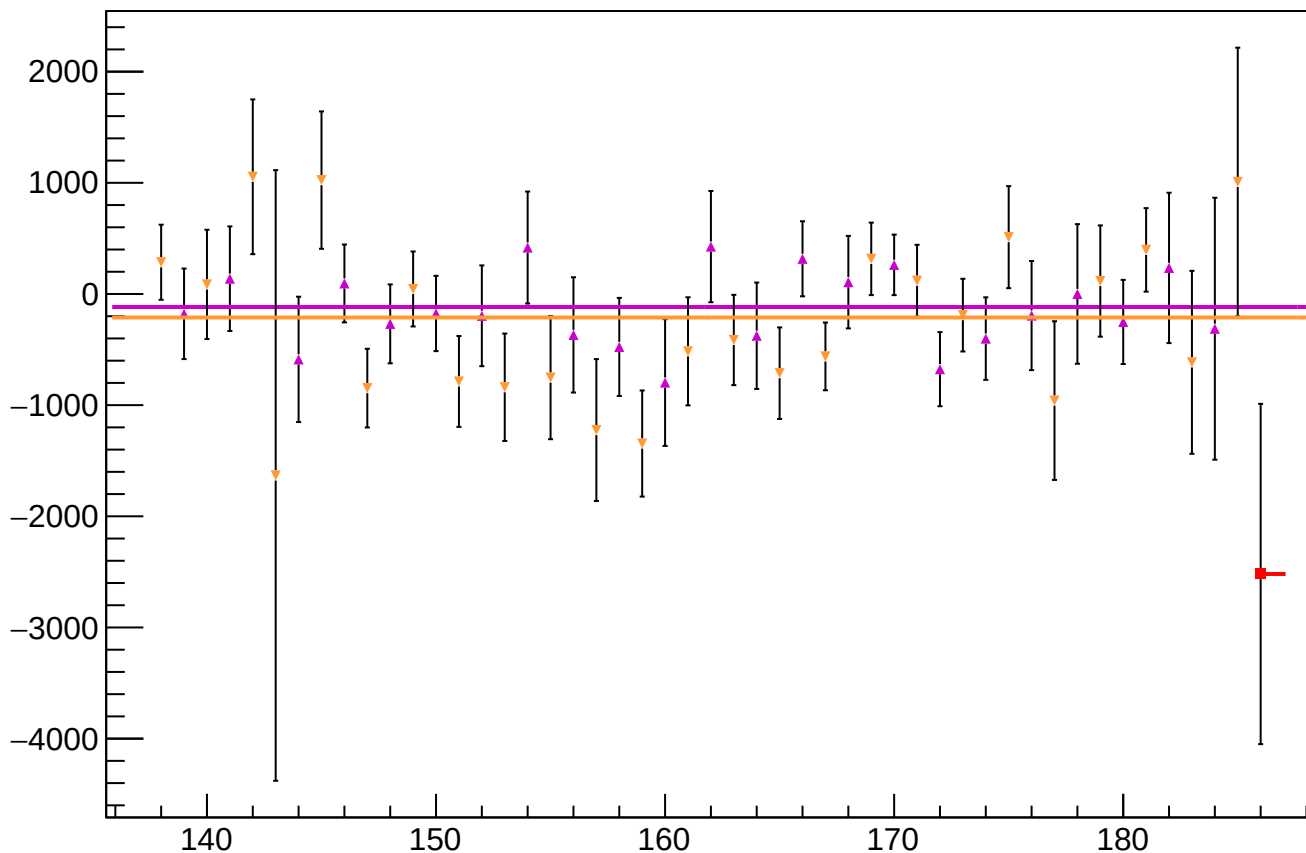
Left In: 1290.644+/-0.218 χ^2/NDF : 59427.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.484+/-0.153 χ^2/NDF : 372952.0/48

- sign 1292.213+/-0.216 χ^2/NDF : 62150.0/23

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

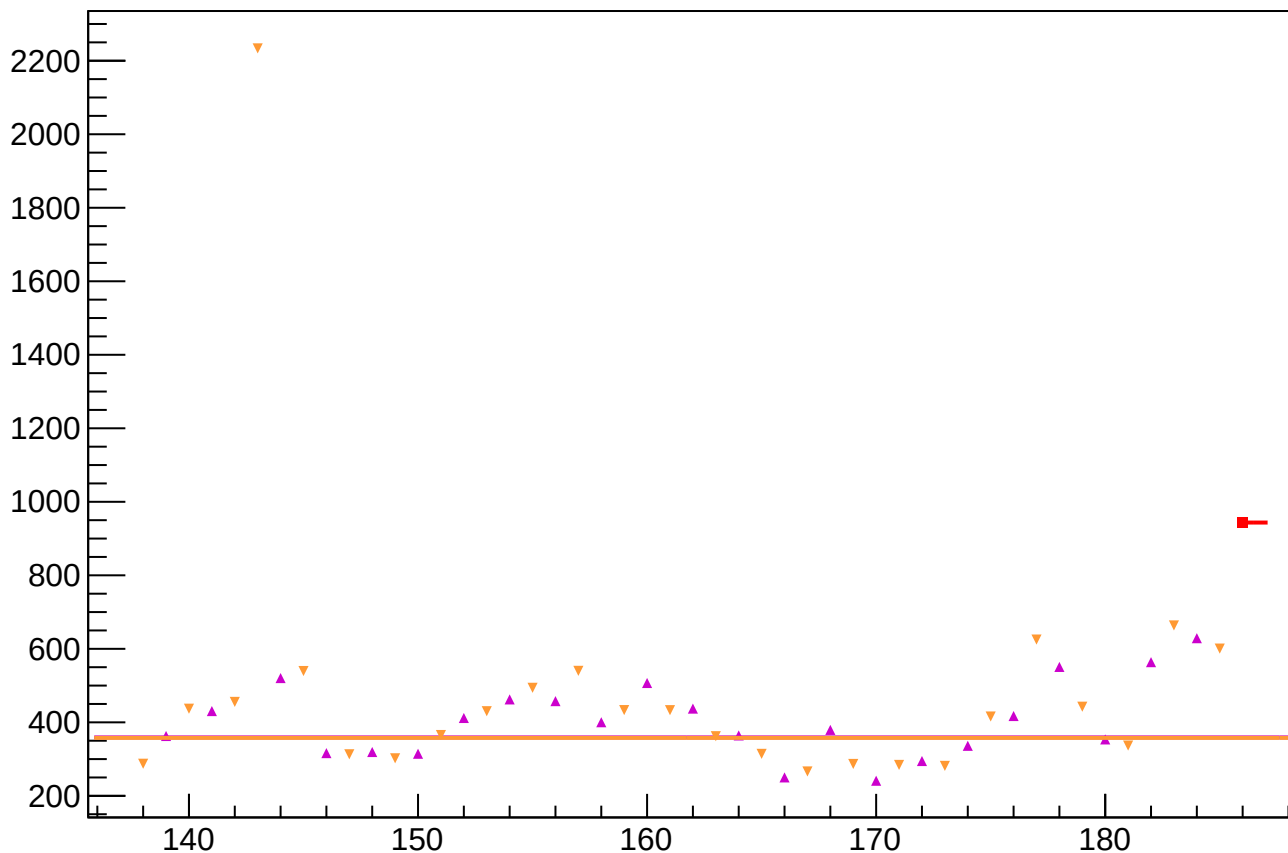
Left In: -117.113 $\pm$ 88.214 χ^2 /NDF:14.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -168.552 $\pm$ 62.132 χ^2 /NDF: 58.9/48

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

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 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

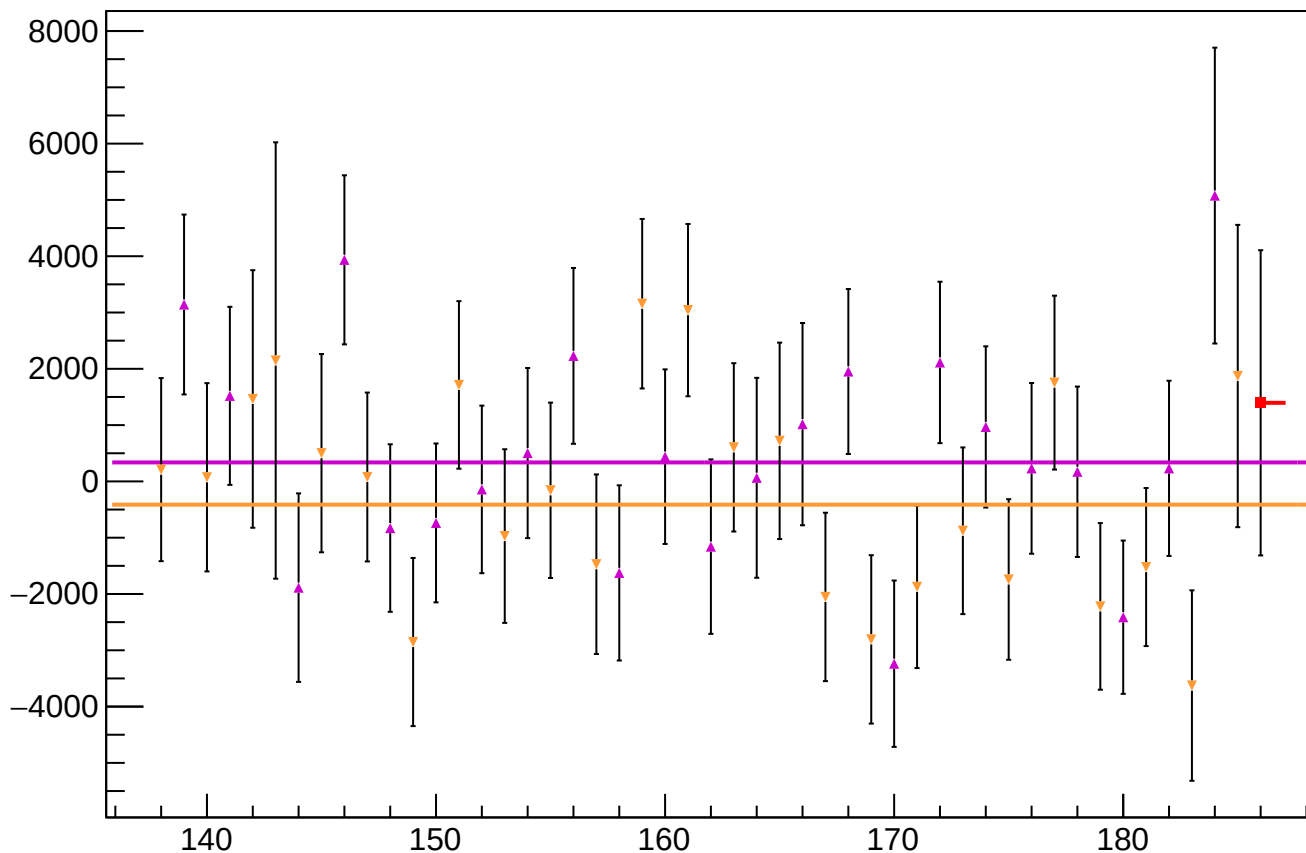
Left In: 359.000+/-0.062 χ^2/NDF : 1858849.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.335+/-0.044 χ^2/NDF : 5193018.4/48

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

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: 0.000+/-0.000 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

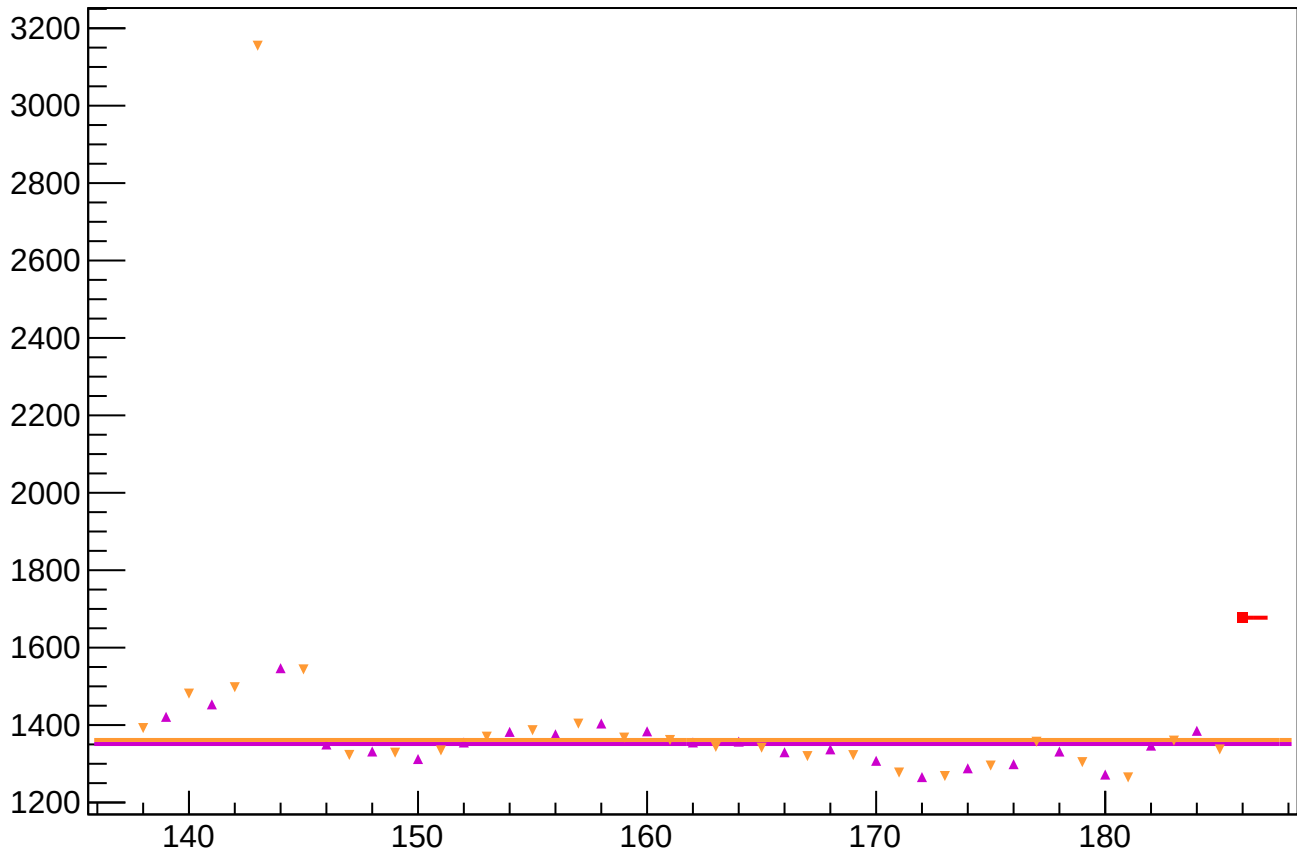
Left In: 337.193+/-323.023 χ^2/NDF : 32.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.789+/-226.780 χ^2/NDF : 68.6/48

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

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 1677.329+/-1.917 χ^2/NDF : 0.0/0

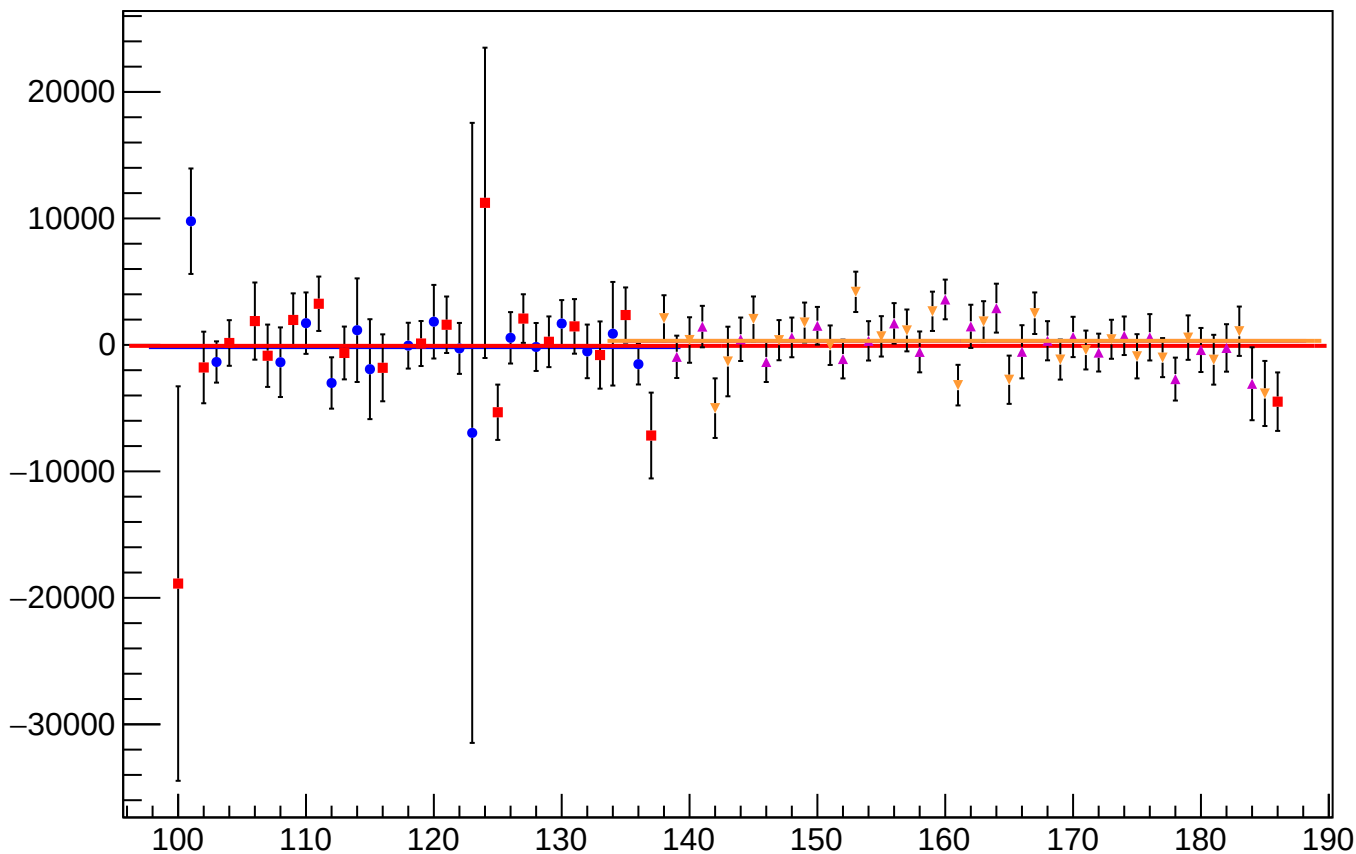
Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.546+/-0.160 χ^2/NDF : 605764.6/48

- sign 1355.581+/-0.227 χ^2/NDF : 97553.0/23

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -174.841 ± 554.659 χ^2/NDF : 11.8/16

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

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

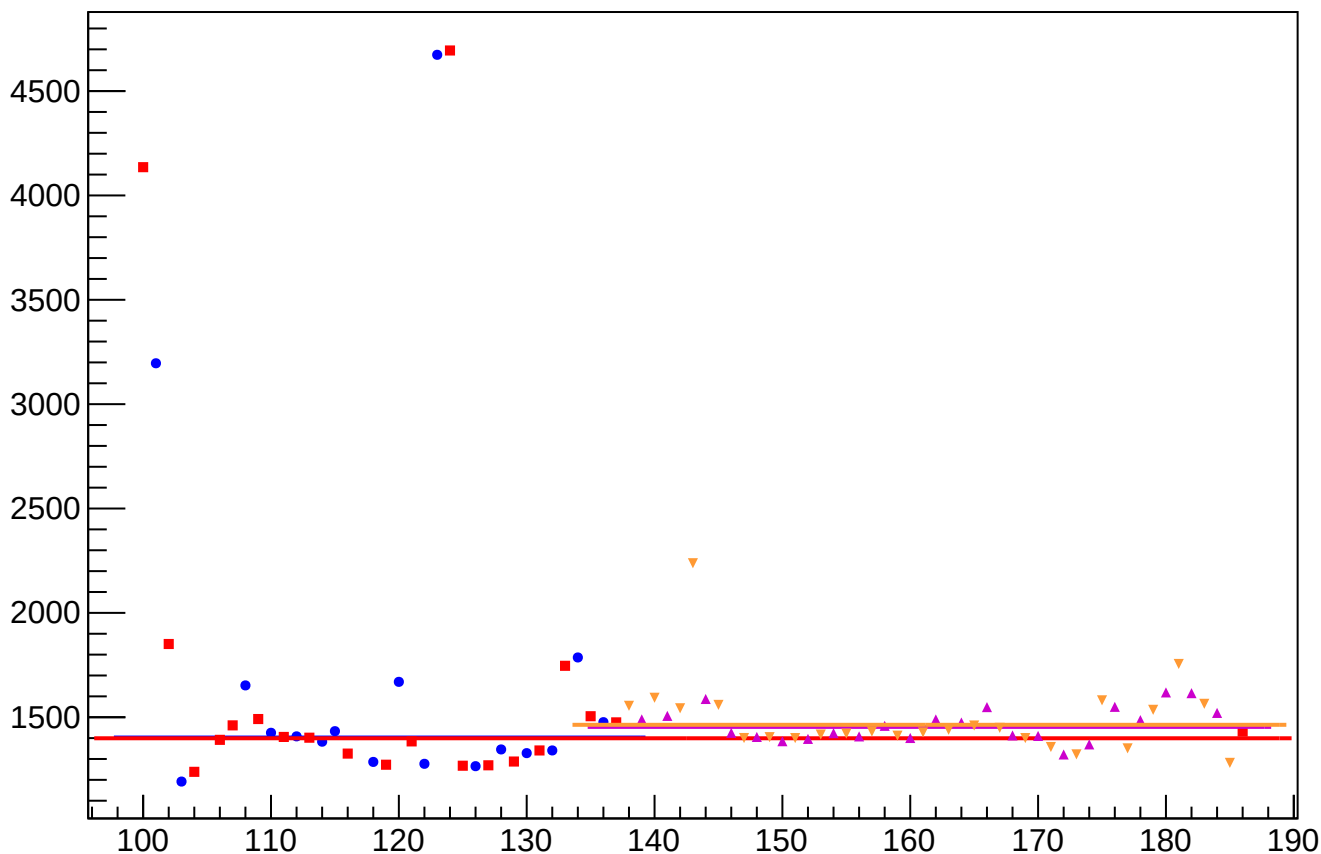
Left In: 310.833 ± 348.292 χ^2/NDF : 16.8/22

+ sign 182.207 ± 292.734 χ^2/NDF : 44.8/41

All: 187.633 ± 206.161 χ^2/NDF : 86.5/84

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

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1402.709+/-0.392 χ^2/NDF : 526326.4/16

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

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

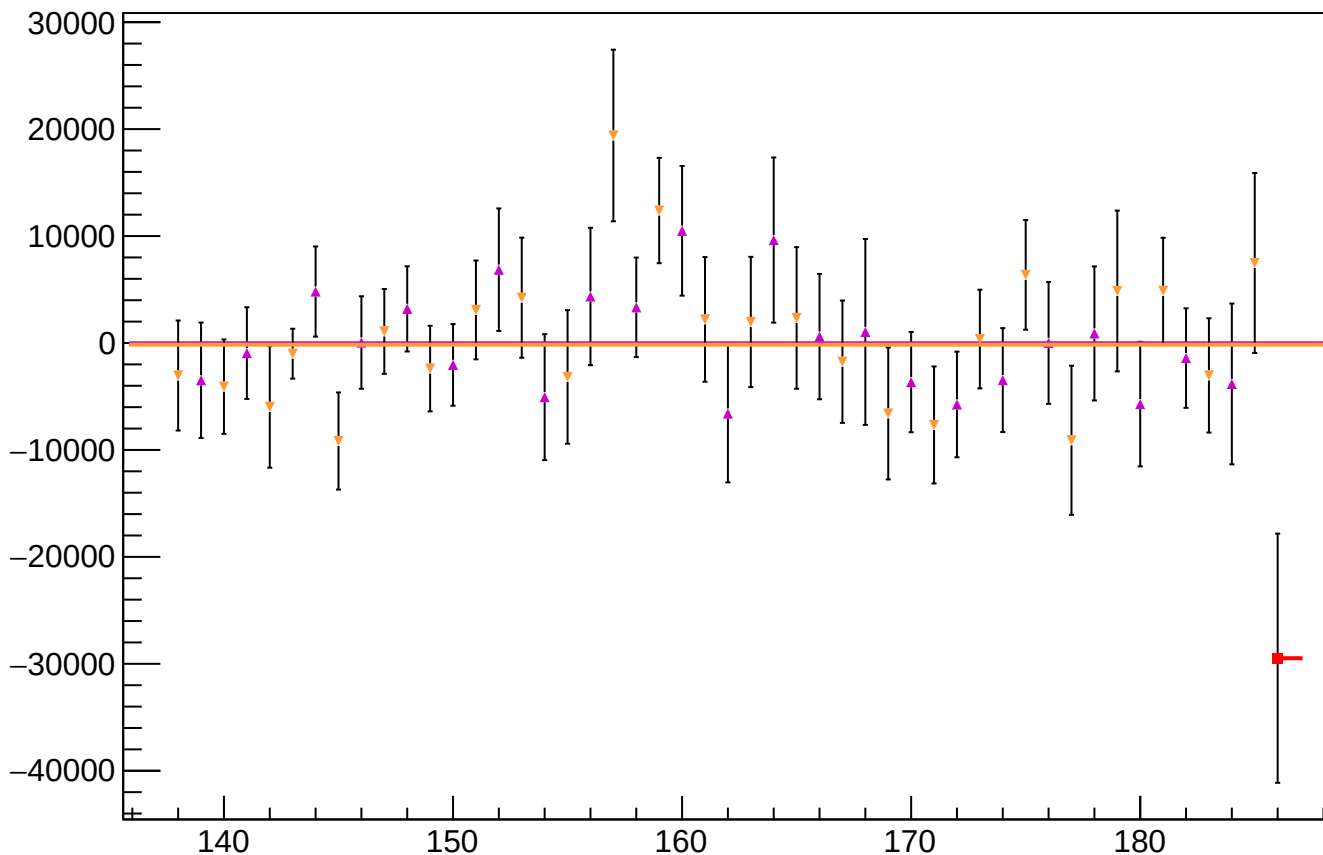
Left In: 1453.763+/-0.246 χ^2/NDF : 99224.2/22

+ sign 1446.721+/-0.207 χ^2/NDF : 854272.8/41

All: 1441.879+/-0.146 χ^2/NDF : 1323333.0/84

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

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: 0.000+/-0.000 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

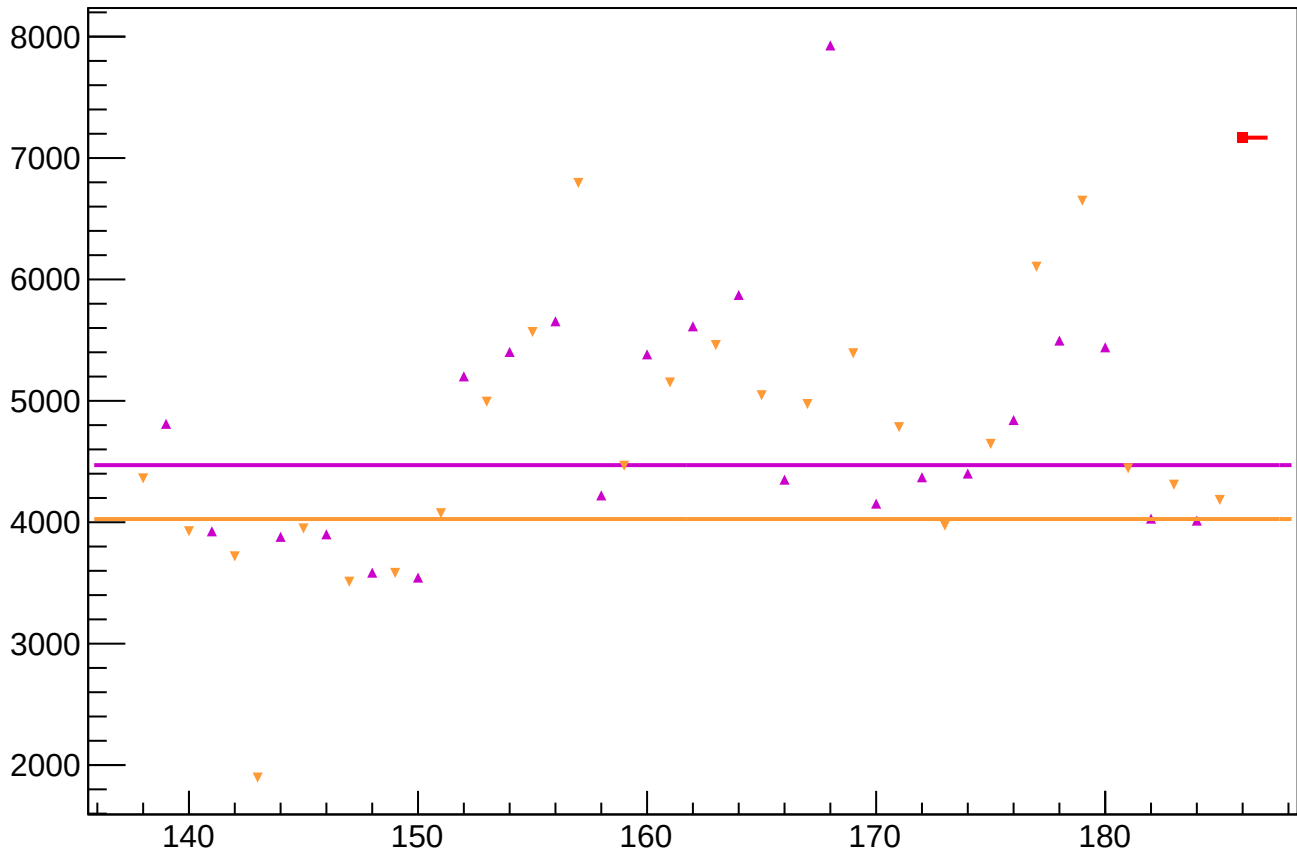
Left In: -26.926+/-1085.415 χ^2/NDF : 15.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.962+/-729.747 χ^2/NDF : 51.4/48

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

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 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

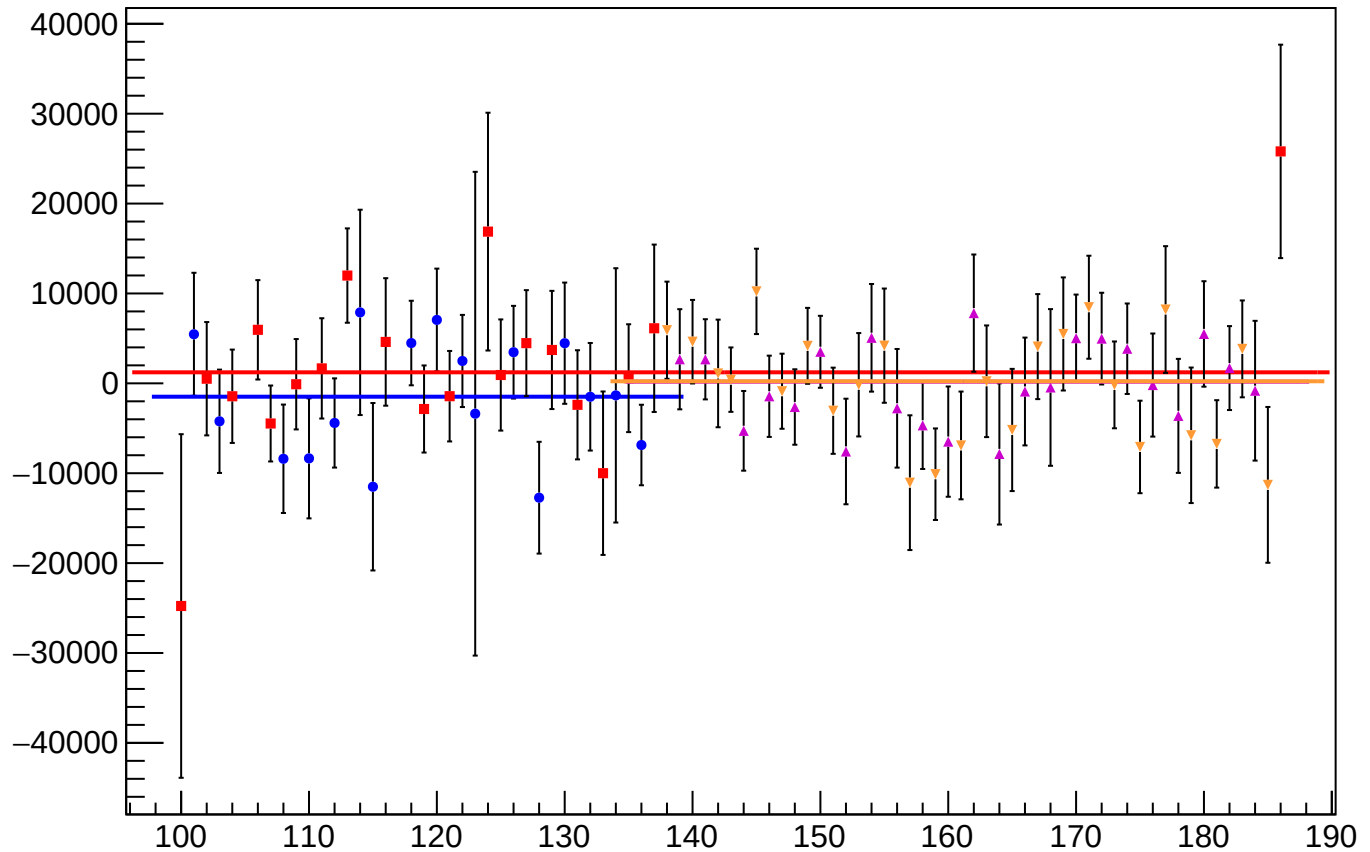
Left In: 4470.490+/-0.768 χ^2/NDF : 1132495.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4239.490+/-0.516 χ^2/NDF : 4513486.1/48

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

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1487.038+/-1499.116 χ^2/NDF : 16.7/16

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

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

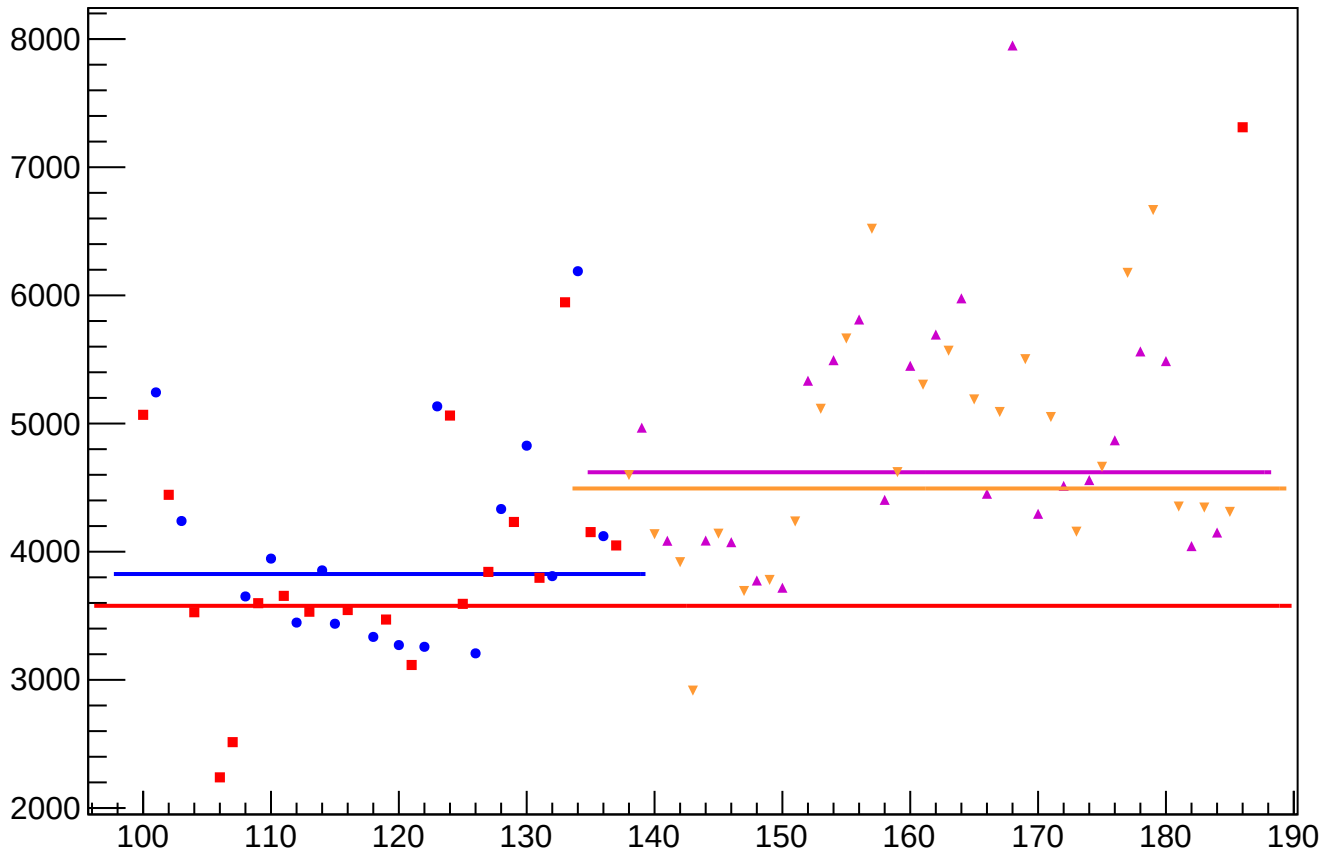
Left In: 185.280+/-1119.296 χ^2/NDF : 14.3/22

+ sign -352.107+/-872.813 χ^2/NDF : 45.6/41

All: 128.226+/-615.004 χ^2/NDF : 79.3/84

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

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3825.844+/-1.060 χ^2/NDF : 334404.3/16

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

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

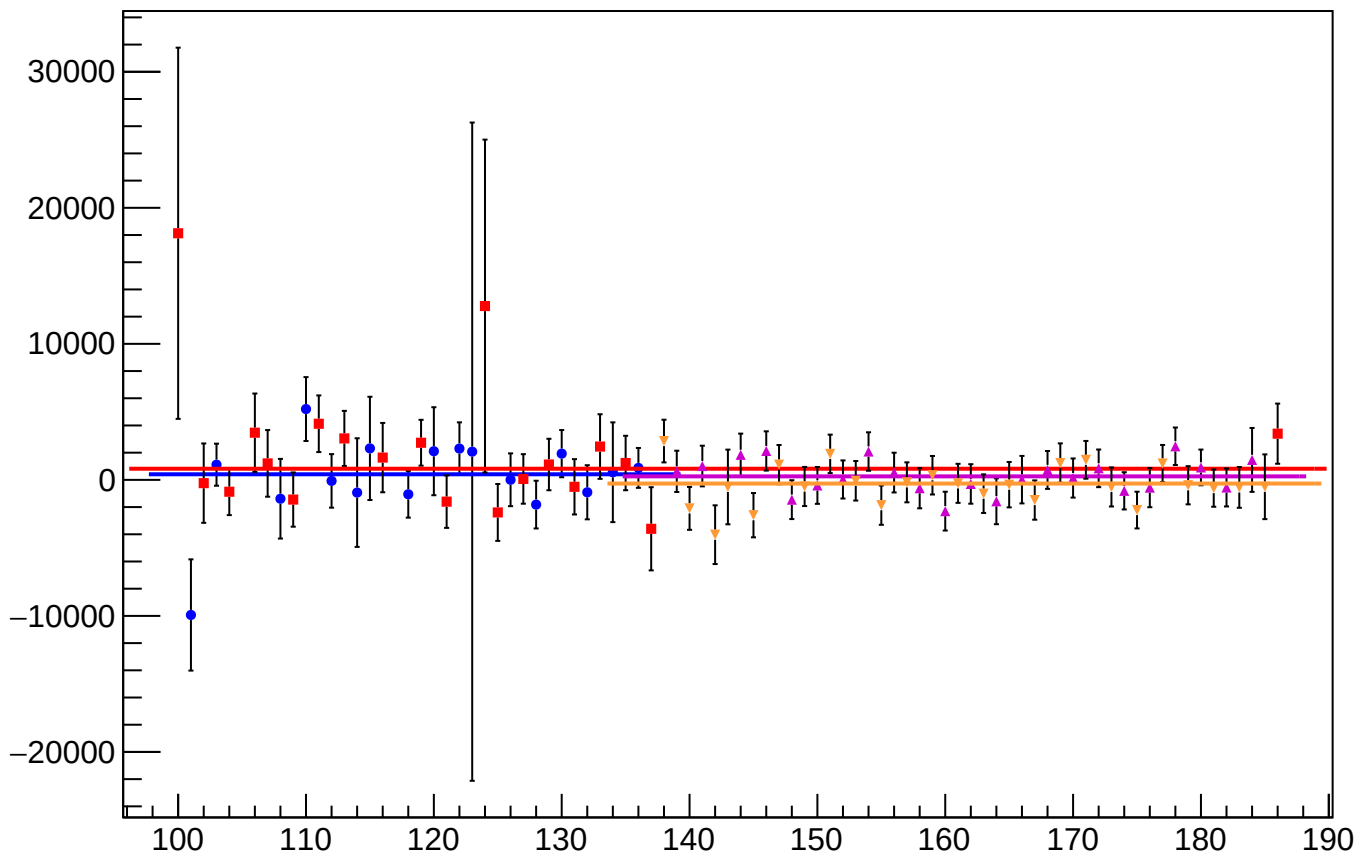
Left In: 4619.952+/-0.791 χ^2/NDF :1001966.3/22

+ sign 4267.048+/-0.617 χ^2/NDF : 1905630.8/41

All: 4232.224+/-0.434 χ^2/NDF : 4371571.3/84

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

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 411.419 $\pm$ 527.980 χ^2 /NDF: 16.5/16

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

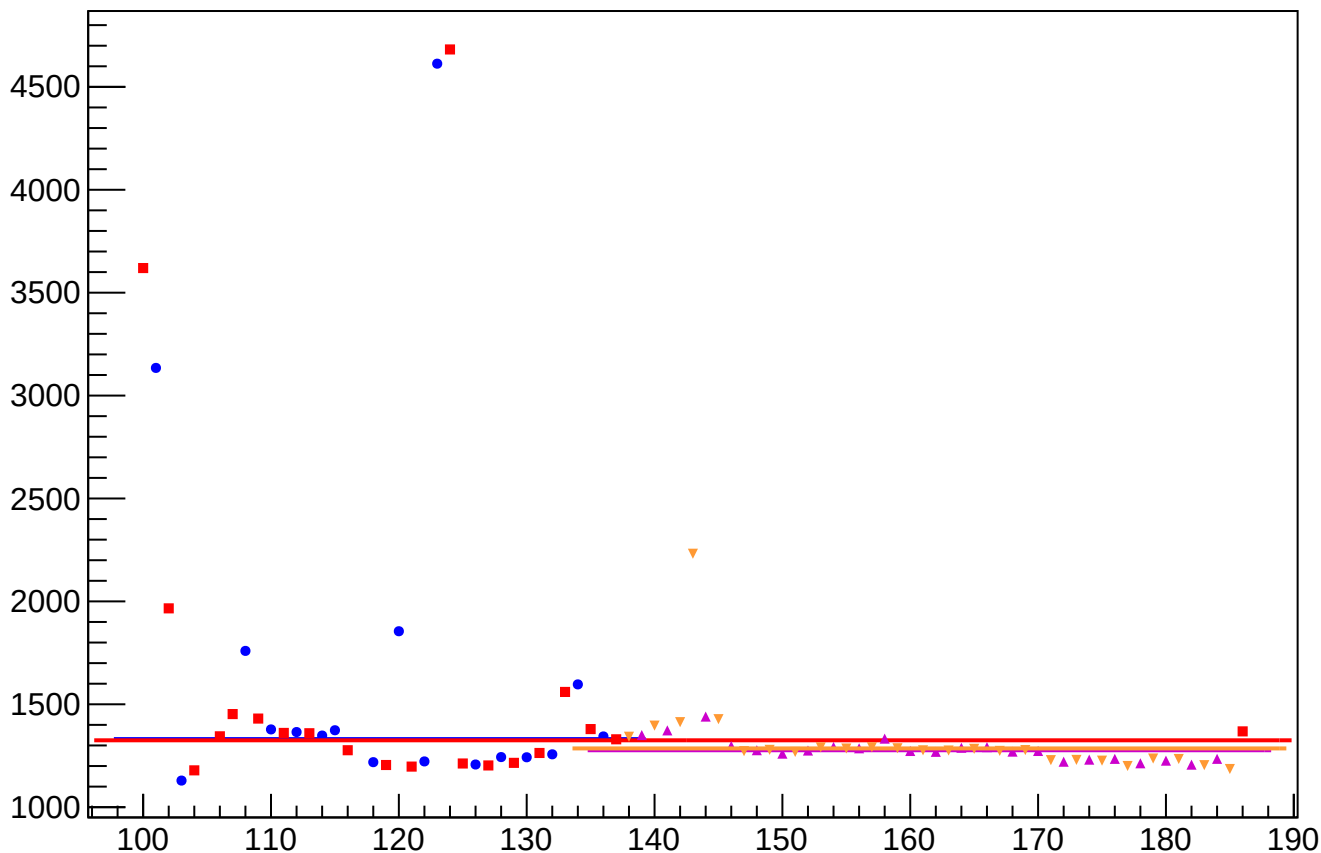
Left In: 258.285 $\pm$ 305.289 χ^2 /NDF:16.0/22

+ sign -102.386 $\pm$ 262.166 χ^2 /NDF: 40.0/41

All: 156.771 $\pm$ 184.663 χ^2 /NDF: 78.3/84

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

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1330.889 $\pm$ 0.373 χ^2 /NDF: 603474.5/16

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

Right Out: 1325.016 $\pm$ 0.352 χ^2 /NDF: 395224.4/19

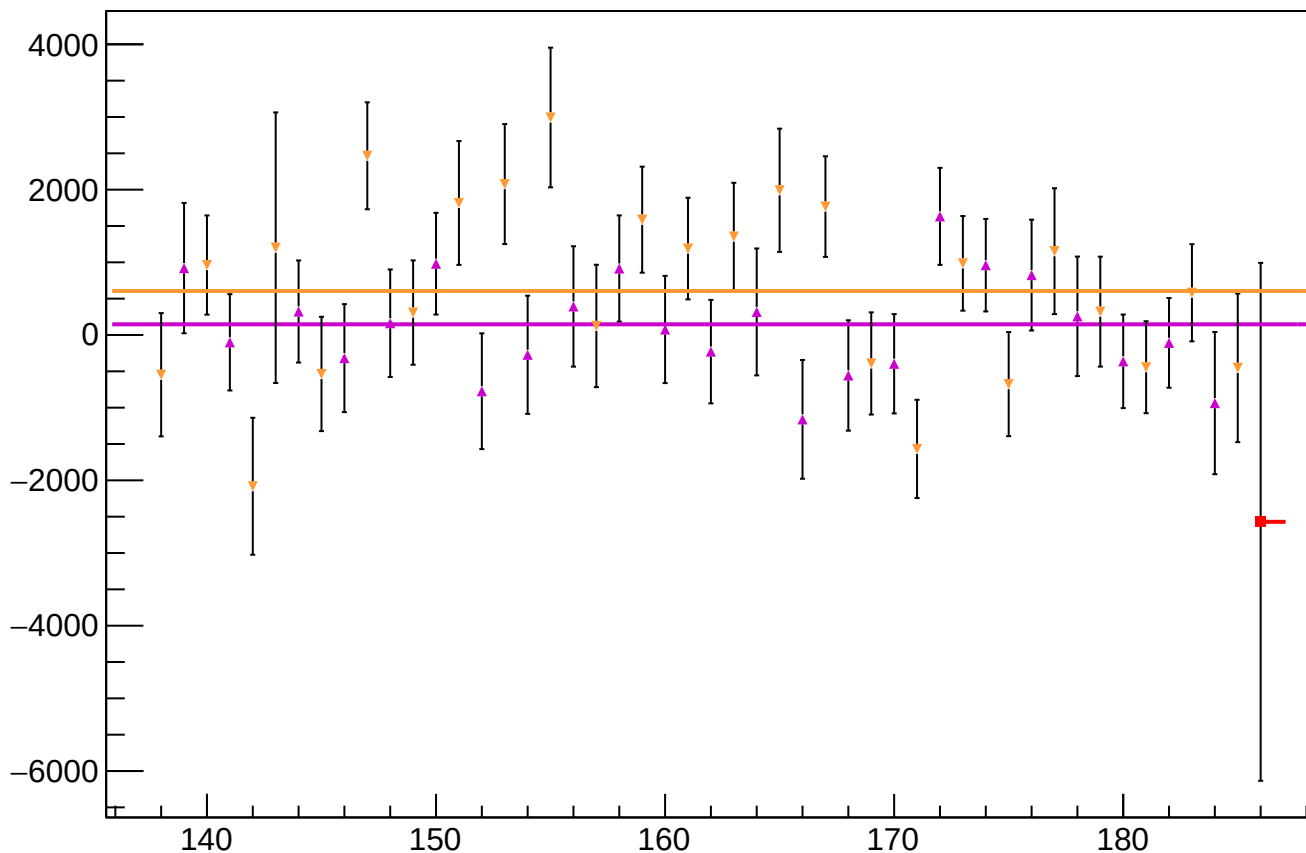
Left In: 1276.755 $\pm$ 0.216 χ^2 /NDF: 59434.2/22

+ sign 1296.747 $\pm$ 0.185 χ^2 /NDF: 920632.2/41

All: 1293.333 $\pm$ 0.131 χ^2 /NDF: 1389651.0/84

- sign 1289.971 $\pm$ 0.184 χ^2 /NDF: 468345.6/42

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

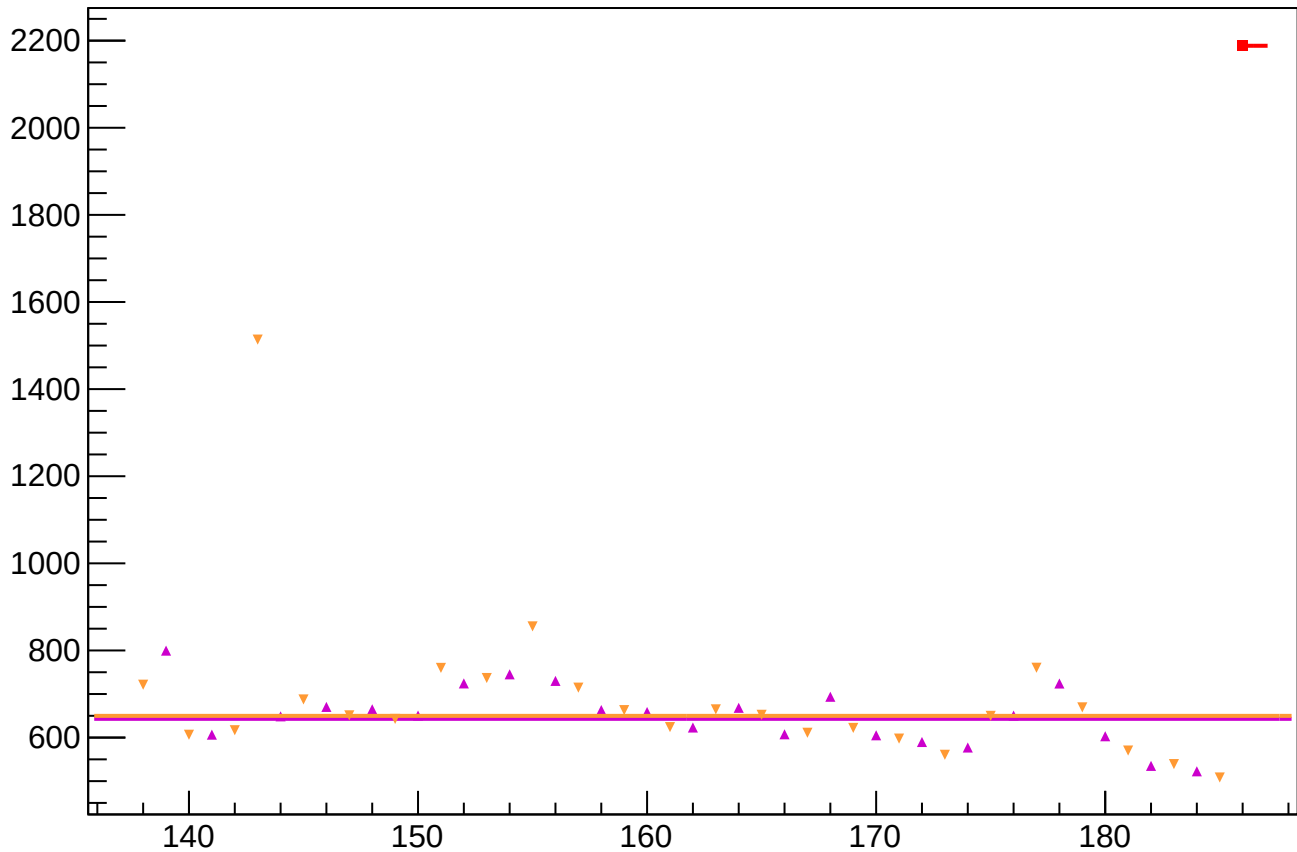
Left In: 147.044 $\pm$ 154.051 χ^2 /NDF:19.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 373.549 $\pm$ 108.834 χ^2 /NDF: 84.4/48

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

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 2188.242+/-2.520 χ^2/NDF : 0.0/0

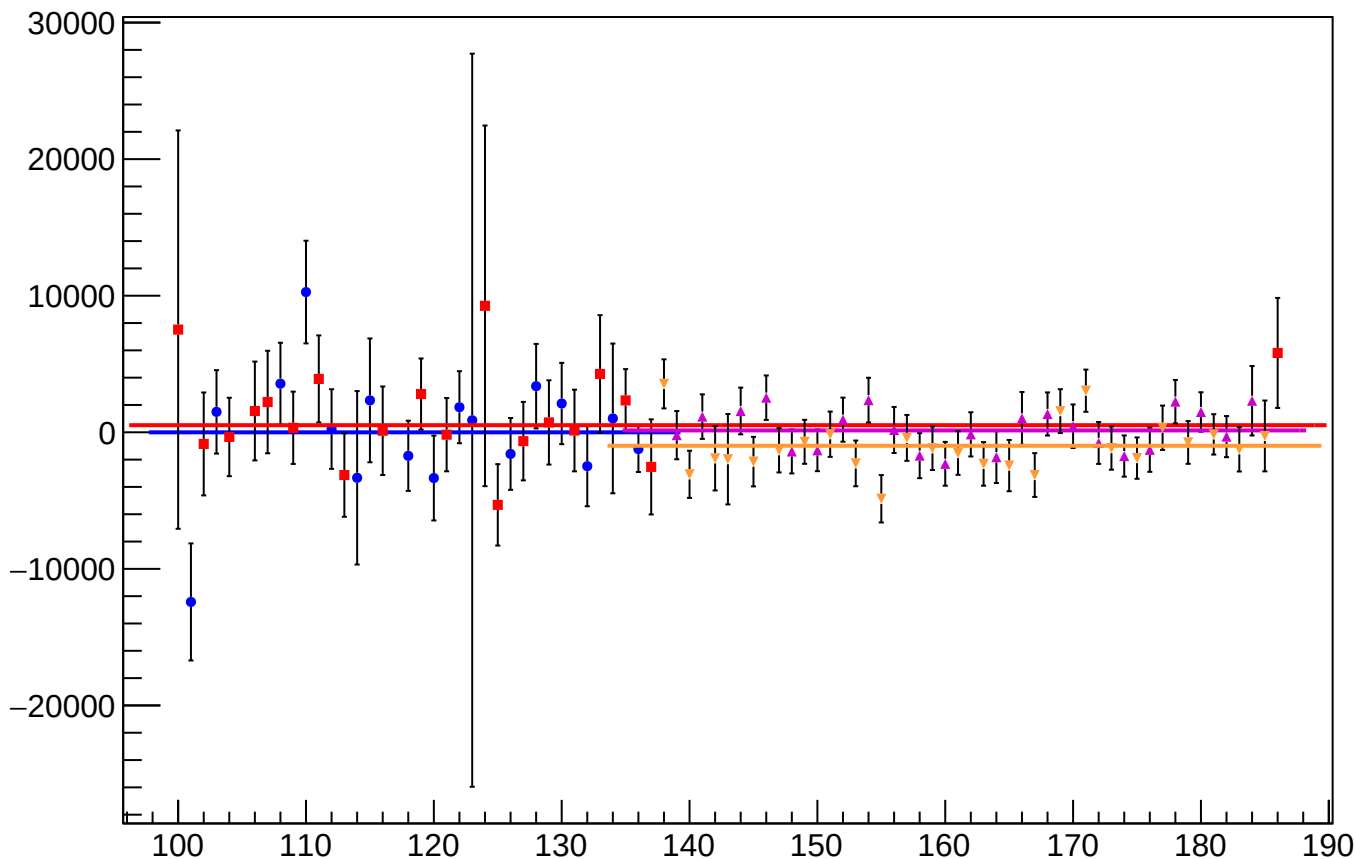
Left In: 643.008+/-0.109 χ^2/NDF : 323844.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.878+/-0.077 χ^2/NDF : 1540686.3/48

- sign 645.890+/-0.109 χ^2/NDF : 699195.5/23

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -2.204 ± 745.061 χ^2/NDF : 23.5/16

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

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

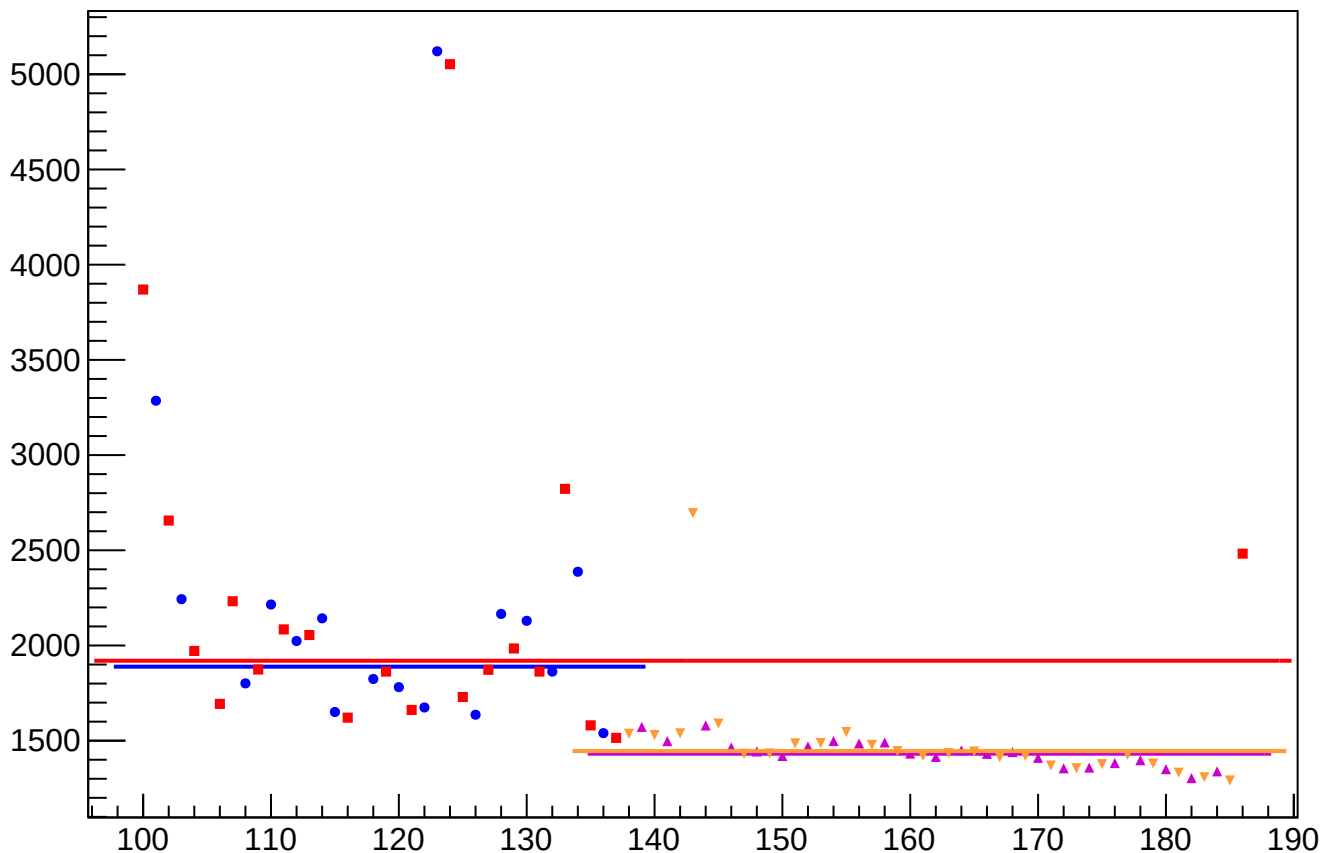
Left In: 137.780 ± 342.262 χ^2/NDF : 18.8/22

+ sign -817.673 ± 309.132 χ^2/NDF : 53.5/41

All: -305.030 ± 218.635 χ^2/NDF : 90.5/84

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

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1888.810+/-0.527 χ^2/NDF : 465842.8/16

Left Out: 1445.418+/-0.240 χ^2/NDF : 374859.2/24

Right Out: 1919.901+/-0.510 χ^2/NDF : 501697.6/19

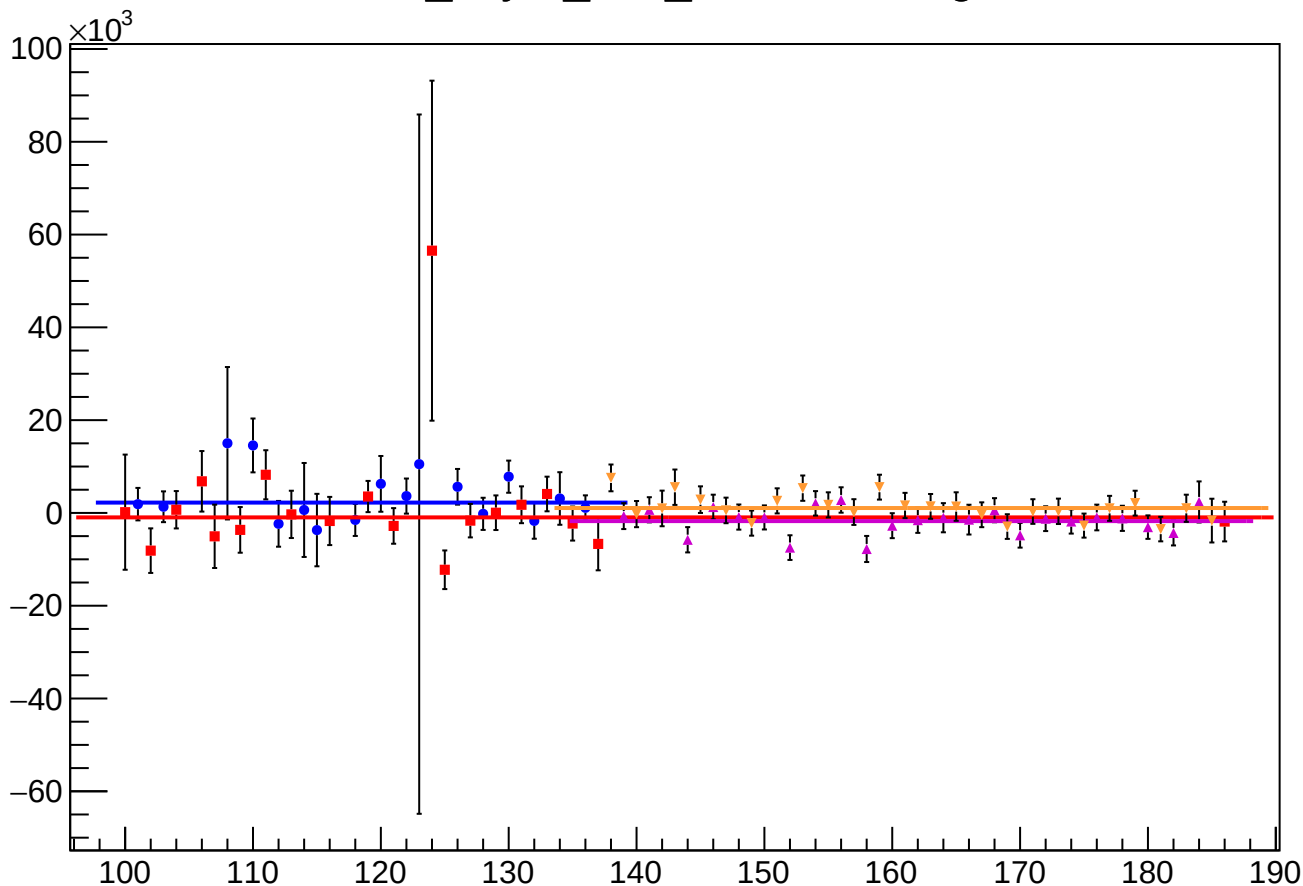
Left In: 1431.663+/-0.242 χ^2/NDF : 77792.5/22

+ sign 1521.748+/-0.219 χ^2/NDF : 1427083.1/41

All: 1521.514+/-0.155 χ^2/NDF : 2753603.5/84

- sign 1521.280+/-0.219 χ^2/NDF : 1326518.1/42

dit_asym_atl1_mean vs Slug



Right In: 2227.517 $\pm$ 1039.288 χ^2 /NDF: 13.6/16

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

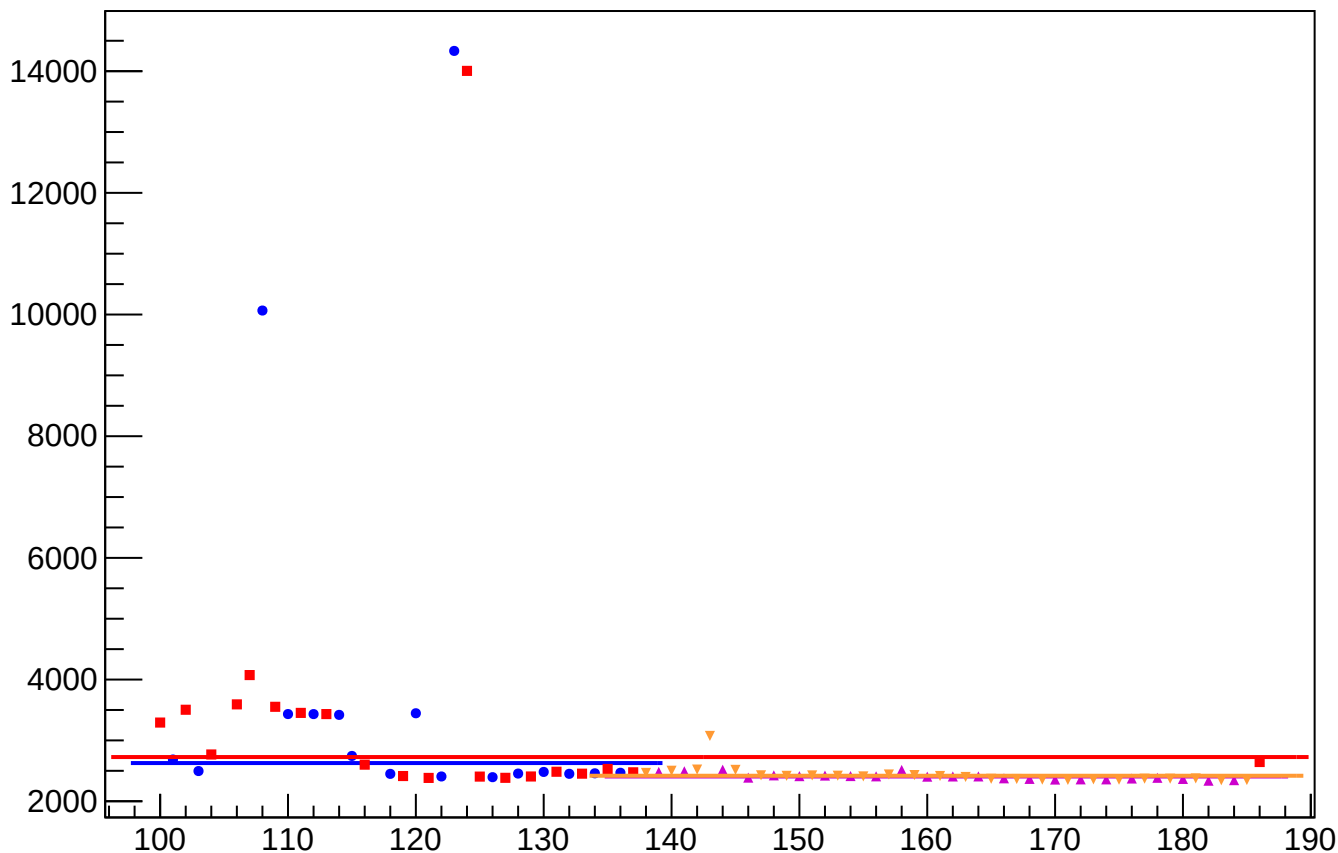
Left In: -1762.122 $\pm$ 574.660 χ^2 /NDF: 23.2/22

+ sign 1325.144 $\pm$ 497.231 χ^2 /NDF: 37.2/41

All: -112.749 $\pm$ 352.672 χ^2 /NDF: 100.7/84

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

dit_asym_atl1_rms vs Slug



Right In: 2627.570+/-0.735 χ^2/NDF : 644396.7/16

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

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

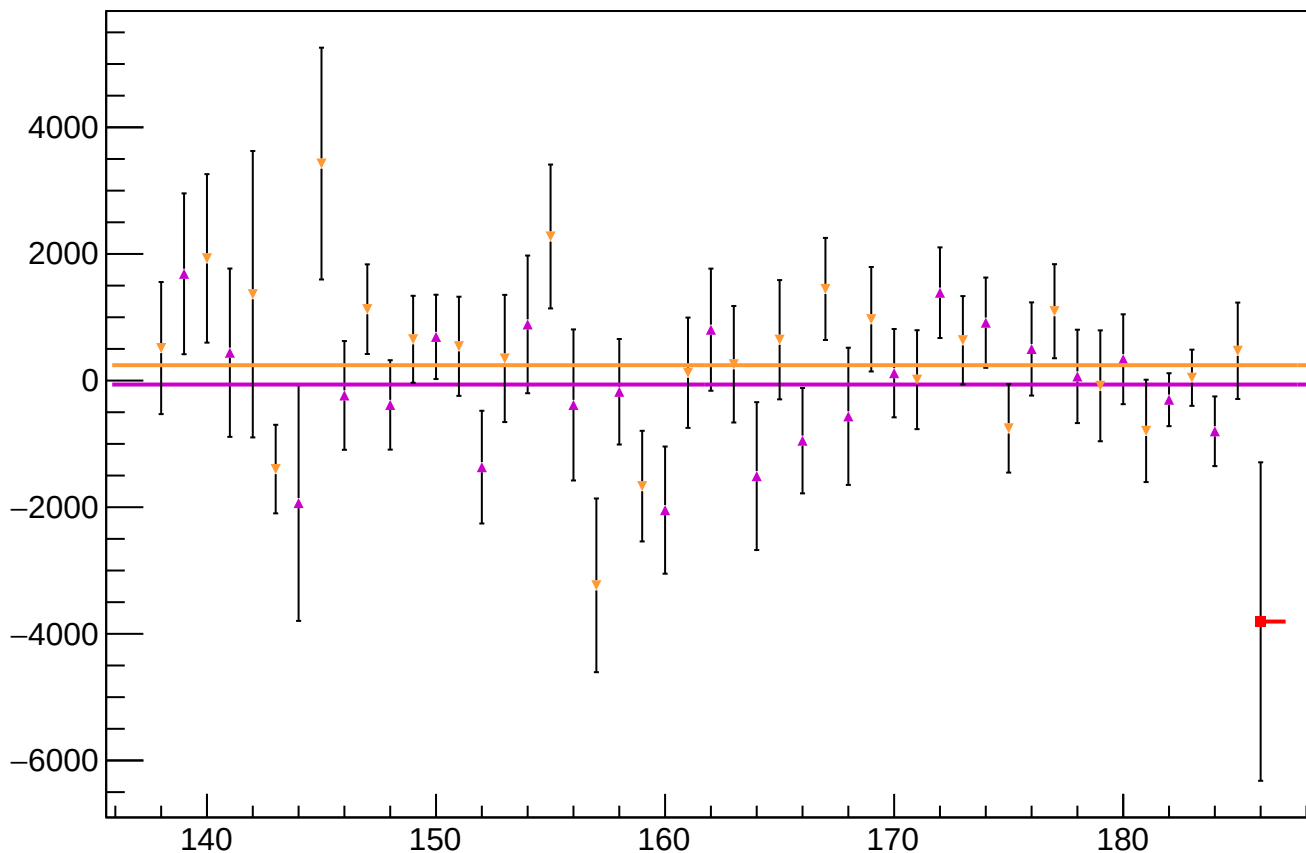
Left In: 2406.443+/-0.406 χ^2/NDF : 15245.2/22

+ sign 2466.720+/-0.352 χ^2/NDF : 781304.5/41

All: 2475.254+/-0.249 χ^2/NDF : 1546783.0/84

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

asym_atl1_correction_mean vs Slug



Right In: 0.000+/-0.000 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

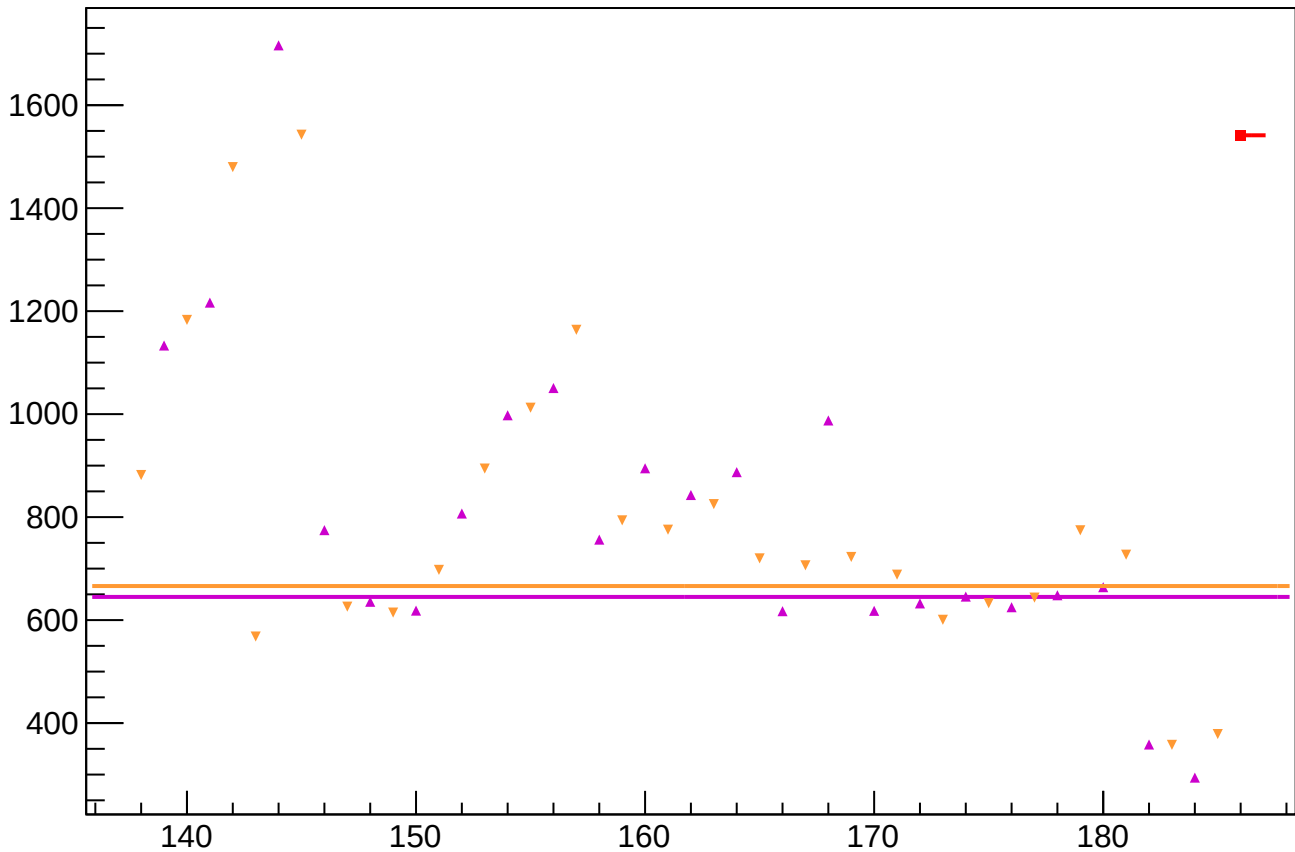
Left In: -62.569+/-164.169 χ^2/NDF : 24.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.225+/-115.881 χ^2/NDF : 64.4/48

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

asym_atl1_correction_rms vs Slug



Right In: 0.000+/-0.000 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

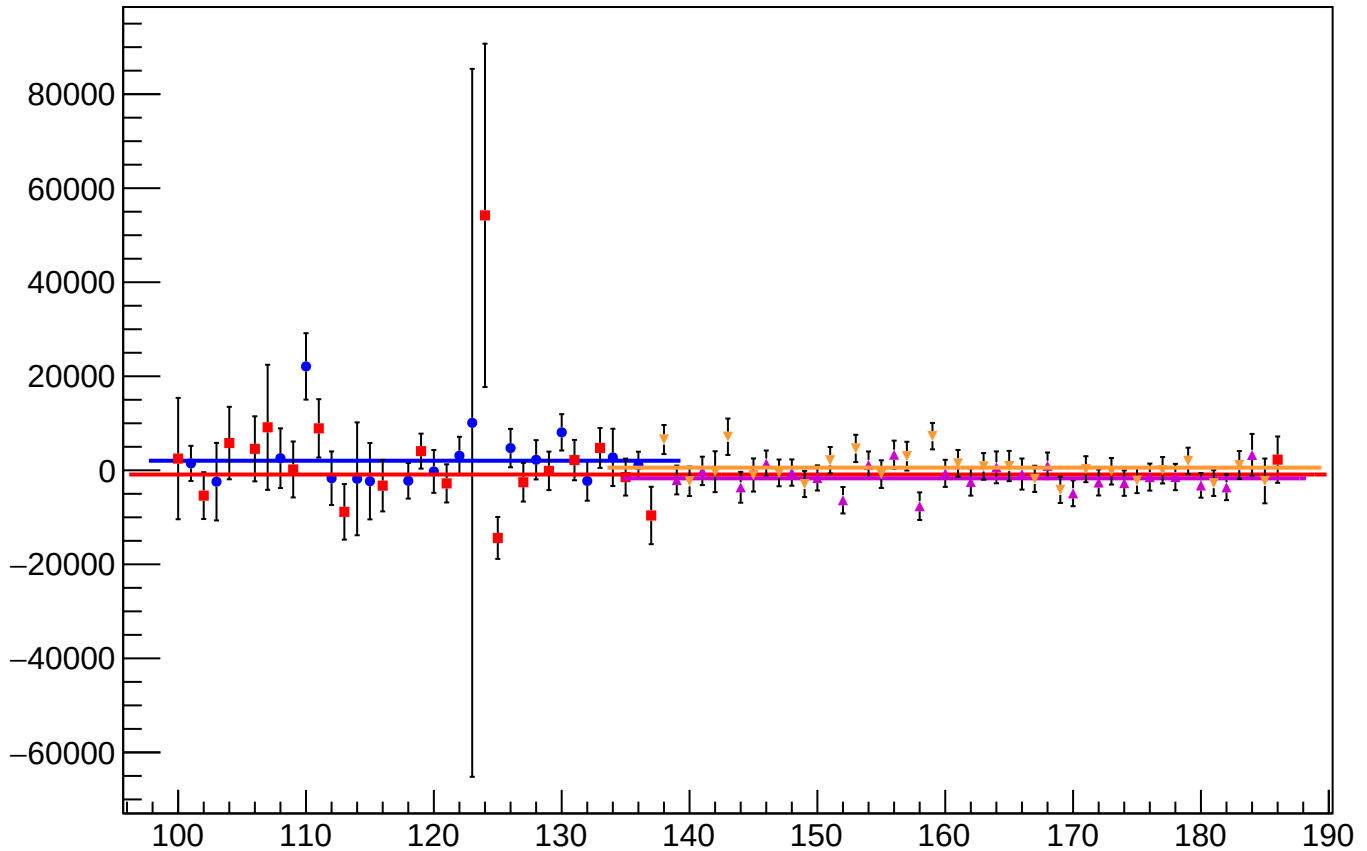
Left In: 645.011+/-0.116 χ^2/NDF :4176295.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.467+/-0.082 χ^2/NDF : 7631053.6/48

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

asym_atl1_mean vs Slug



Right In: 2037.803+/-1151.419 χ^2/NDF : 14.8/16

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

Right Out: -896.536+/-1153.661 χ^2/NDF : 25.8/19

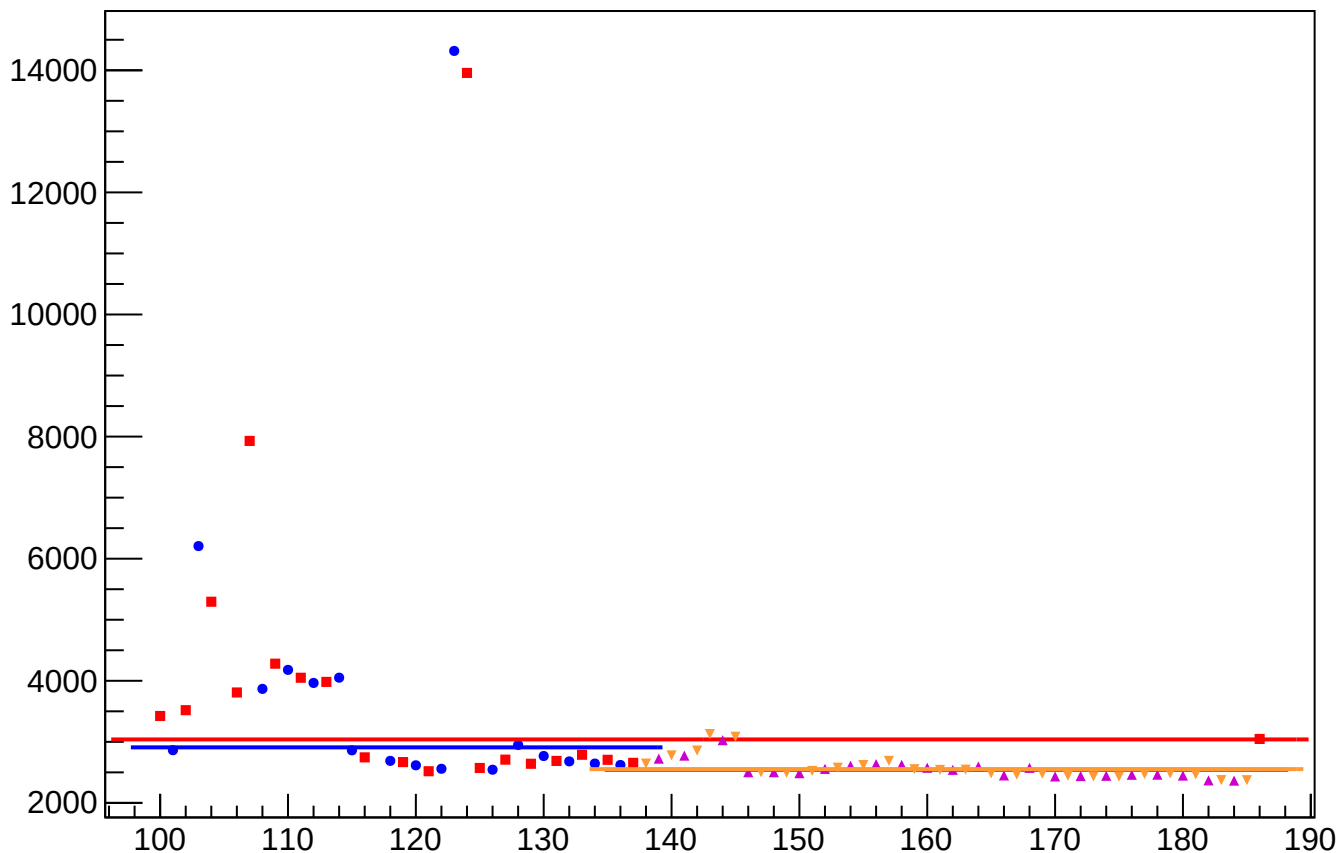
Left In: -1713.317+/-607.775 χ^2/NDF : 18.1/22

+ sign 879.526+/-530.910 χ^2/NDF : 41.3/41

All: -312.784+/-377.794 χ^2/NDF : 95.7/84

- sign -1535.874+/-537.719 χ^2/NDF : 44.2/42

asym_atl1_rms vs Slug



Right In: 2909.732+/-0.814 χ^2 /NDF: 641894.7/16

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

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

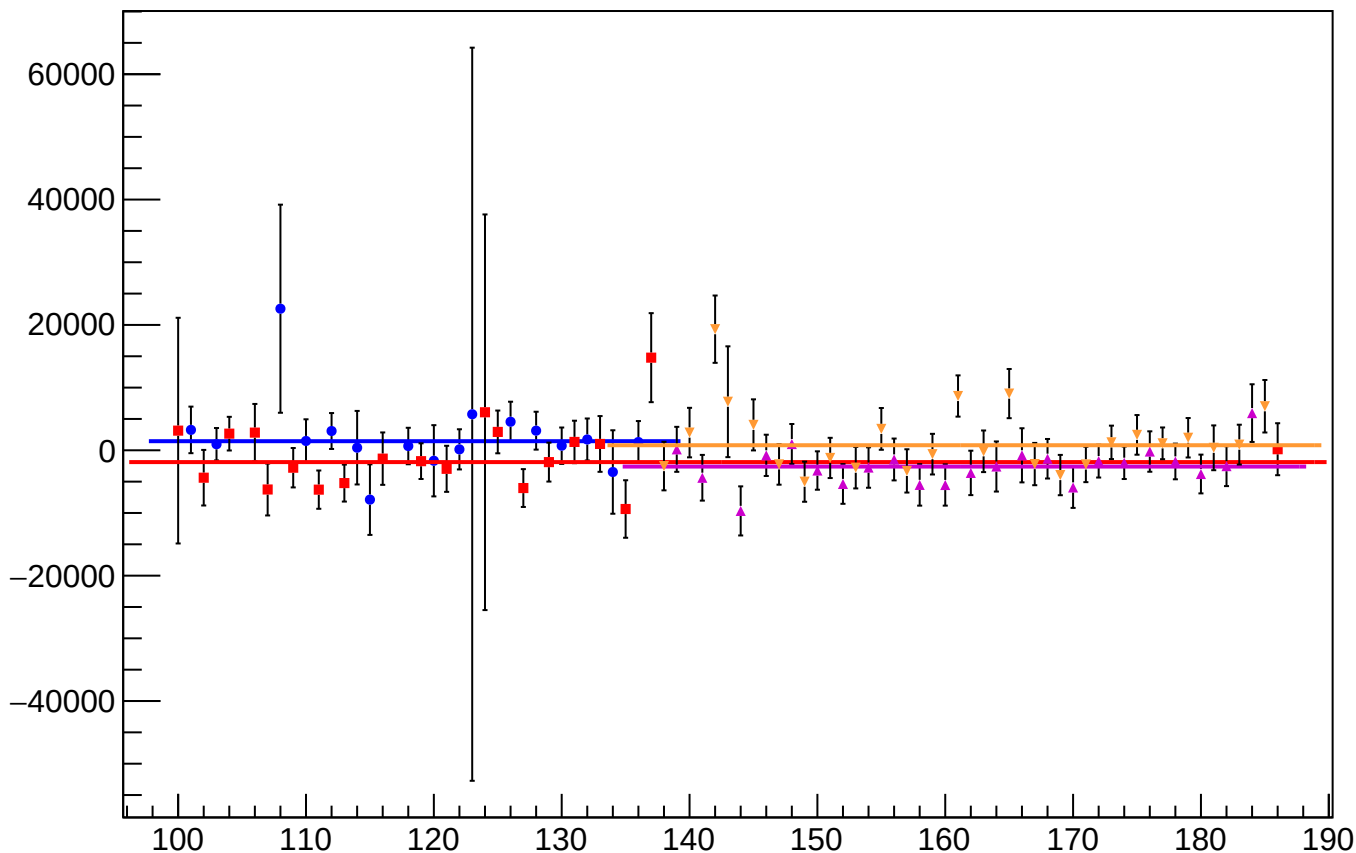
Left In: 2541.950+/-0.430 χ^2 /NDF:97238.4/22

+ sign 2628.919+/-0.375 χ^2 /NDF: 941404.6/41

All: 2639.353+/-0.267 χ^2 /NDF: 2342791.1/84

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

dit_asym_atl2_mean vs Slug



Right In: 1451.980 ± 889.008 χ^2/NDF : 7.4/16

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

Right Out: -1882.788 ± 833.148 χ^2/NDF : 22.6/19

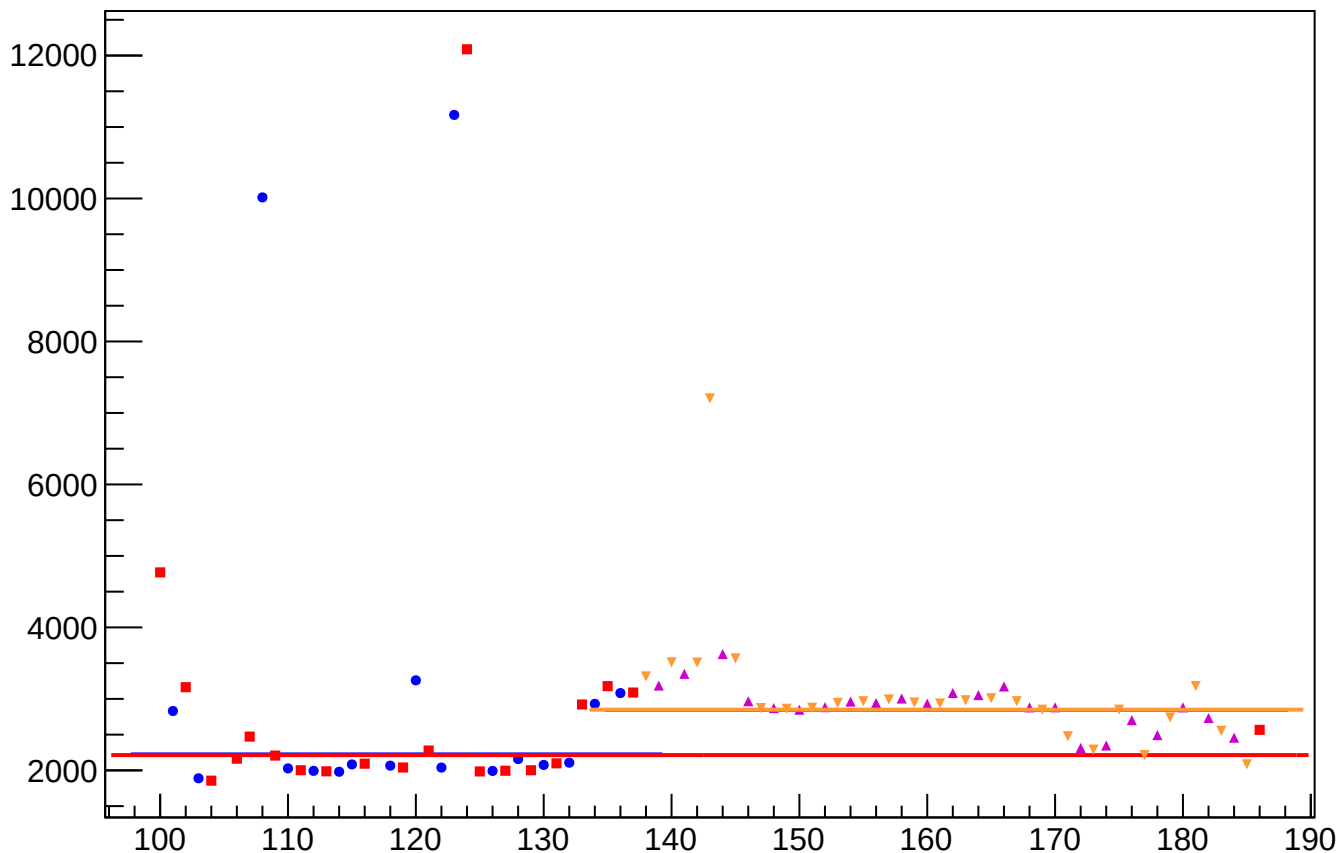
Left In: -2595.551 ± 683.824 χ^2/NDF : 14.0/22

+ sign 1044.158 ± 538.865 χ^2/NDF : 46.9/41

All: -664.553 ± 377.346 χ^2/NDF : 103.7/84

- sign -2308.657 ± 528.579 χ^2/NDF : 37.1/42

dit_asym_atl2_rms vs Slug



Right In: 2223.132+/-0.629 χ^2/NDF : 850289.4/16

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

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

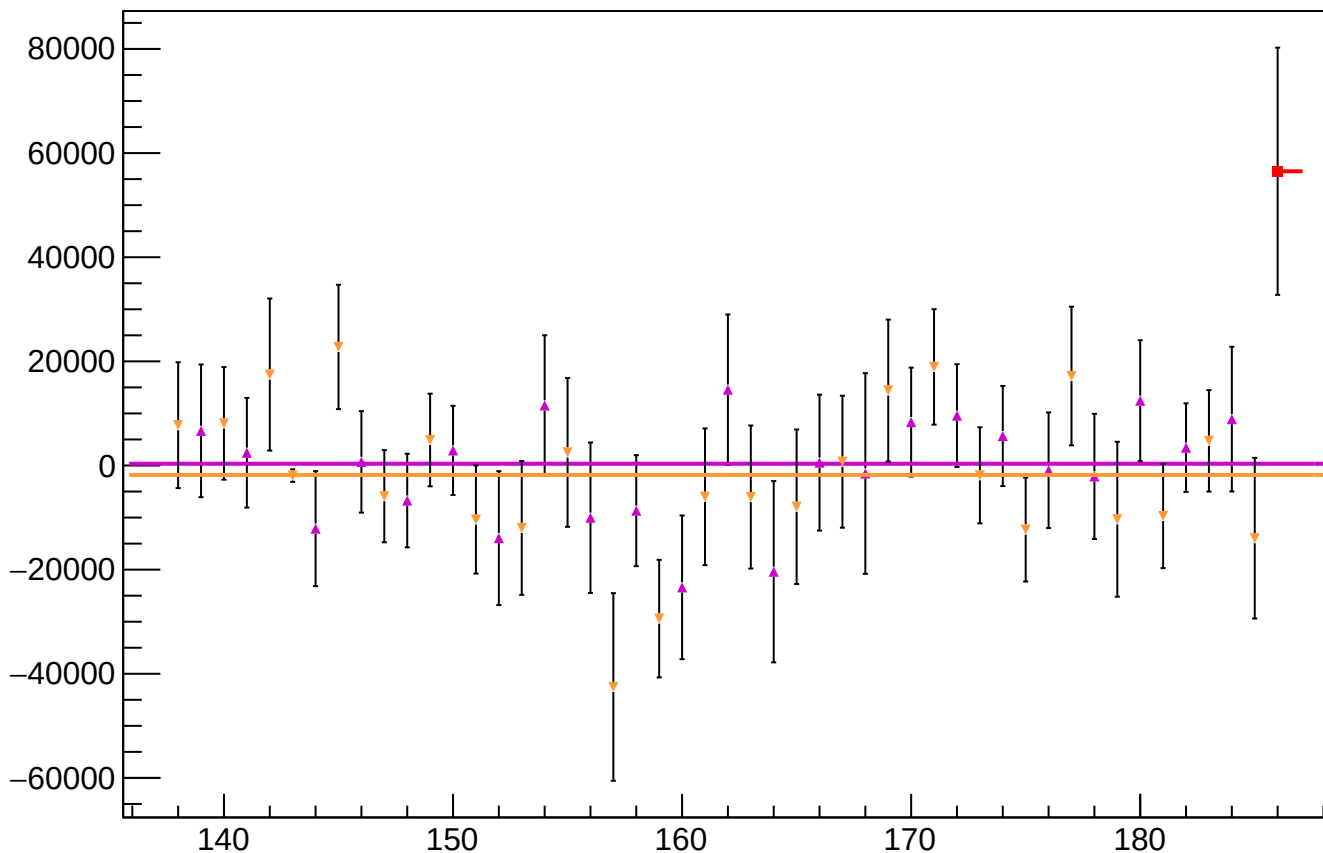
Left In: 2844.779+/-0.484 χ^2/NDF :383776.8/22

+ sign 2619.213+/-0.381 χ^2/NDF : 2512339.6/41

All: 2604.582+/-0.267 χ^2/NDF : 4202963.6/84

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

asym_atl2_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

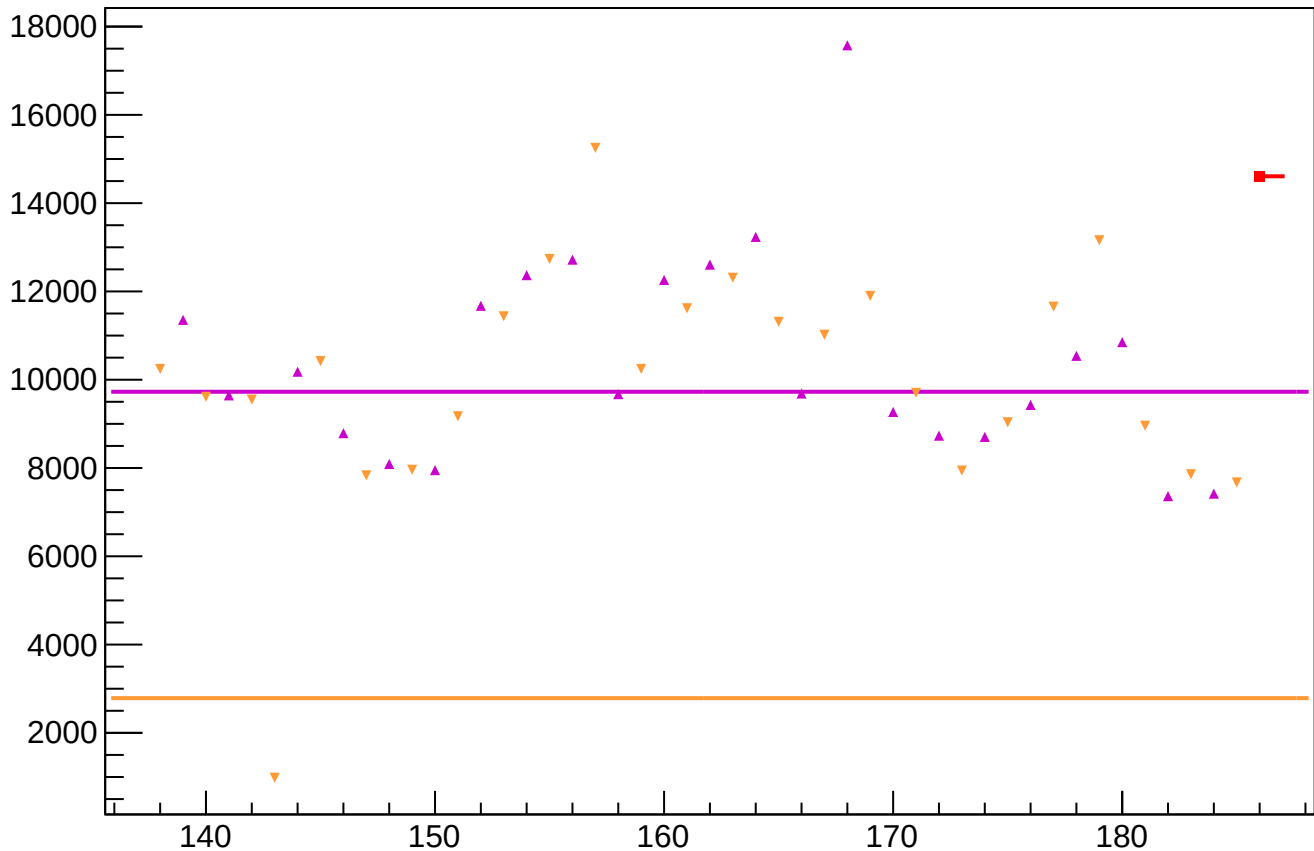
Left In: 339.260 $\pm$ 2365.986 χ^2 /NDF:14.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1342.093 $\pm$ 980.269 χ^2 /NDF: 52.0/48

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

asym_atl2_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 14608.289+/-16.785 χ^2/NDF : 0.0/0

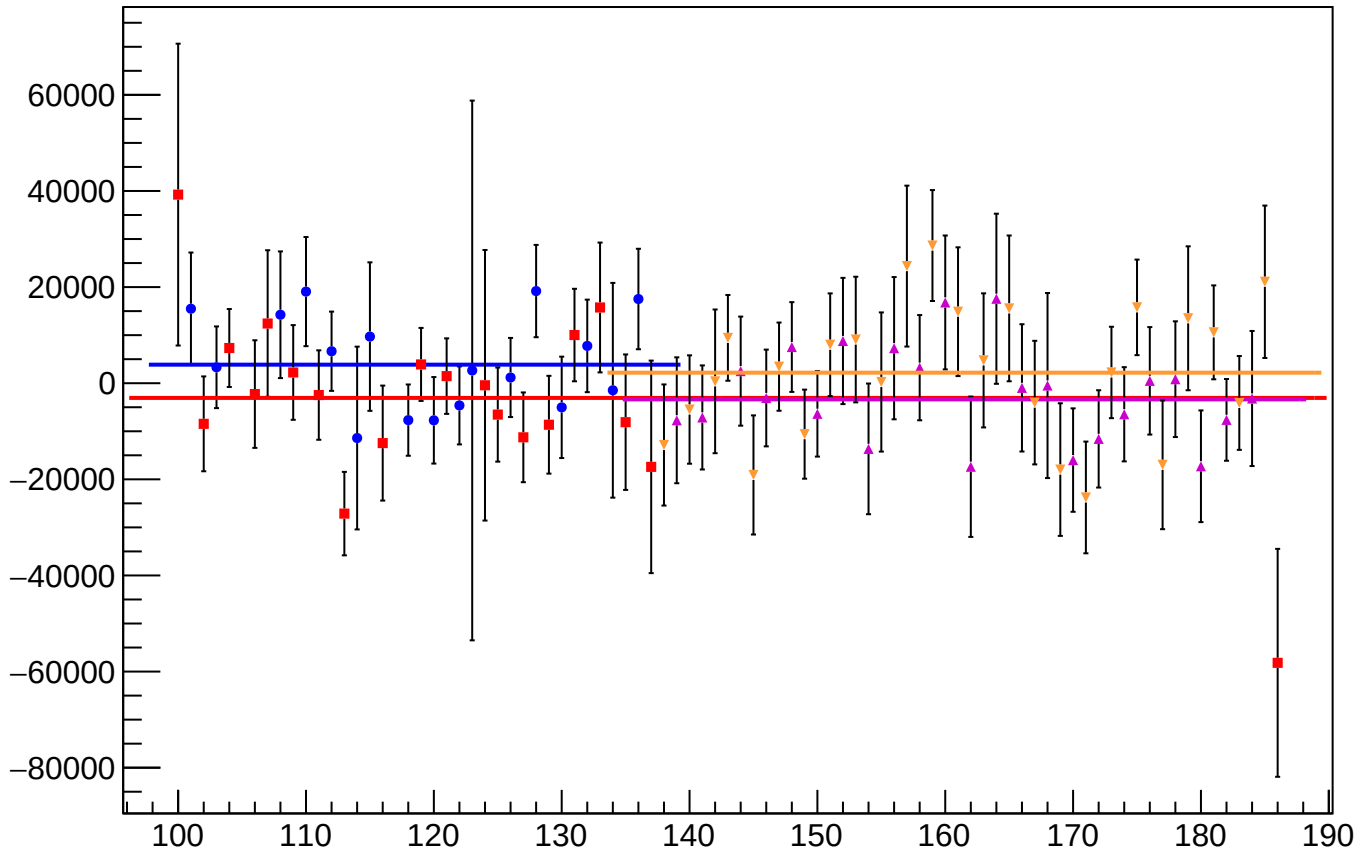
Left In: 9727.255+/-1.673 χ^2/NDF : 1261406.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3998.072+/-0.693 χ^2/NDF : 38776846.7/4

- sign 9775.271+/-1.665 χ^2/NDF : 1345140.6/23

asym_atl2_mean vs Slug



Right In: 3859.866+/-2508.782 χ^2/NDF : 14.8/16

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

+ sign 2970.621+/-1713.768 χ^2/NDF : 46.2/41

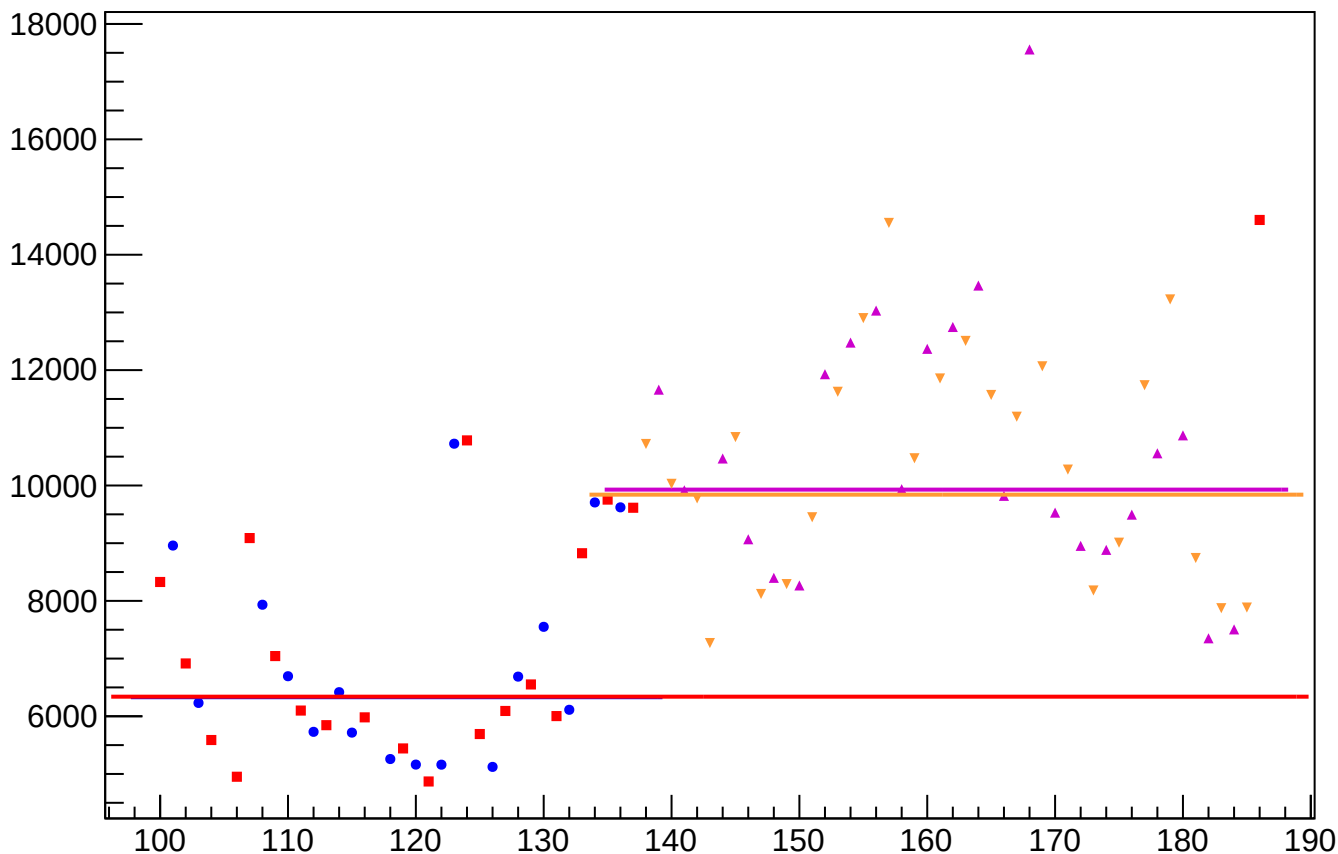
Right Out: -3057.627+/-2408.785 χ^2/NDF : 25.5/19

All: -135.311+/-1208.724 χ^2/NDF : 91.0/84

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

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

asym_atl2_rms vs Slug



Right In: 6330.291+/-1.774 χ^2/NDF : 593395.6/16

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

Right Out: 6339.474+/-1.703 χ^2/NDF : 780742.5/19

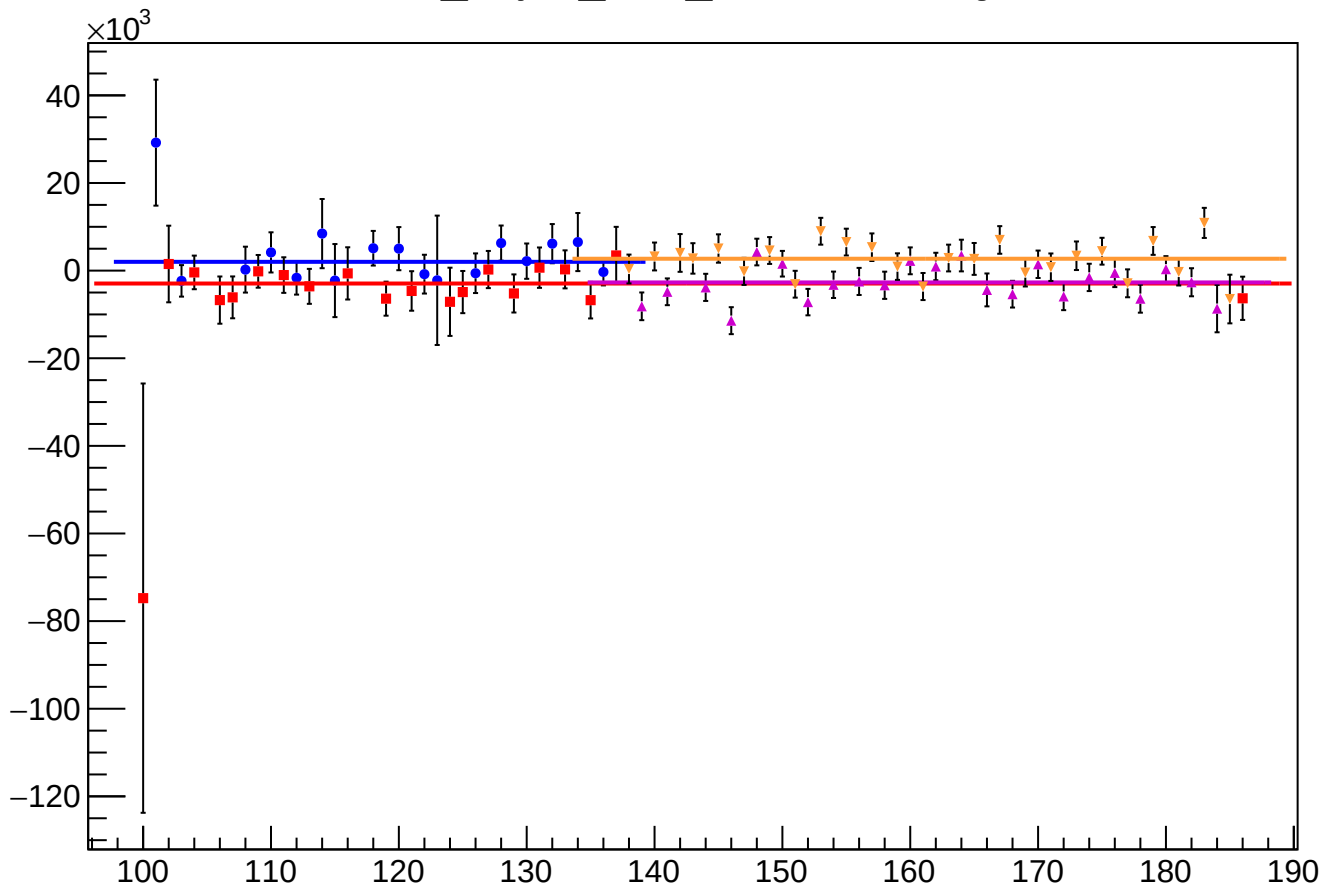
Left In: 9928.662+/-1.707 χ^2/NDF : 1220804.9/22

+ sign 8202.891+/-1.212 χ^2/NDF : 3867343.8/41

All: 8166.371+/-0.855 χ^2/NDF : 8086364.3/84

- sign 8130.223+/-1.206 χ^2/NDF : 4217213.3/42

dit_asym_atr1_mean vs Slug



Right In: 2005.383 $\pm$ 1134.240 χ^2 /NDF: 12.1/16

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

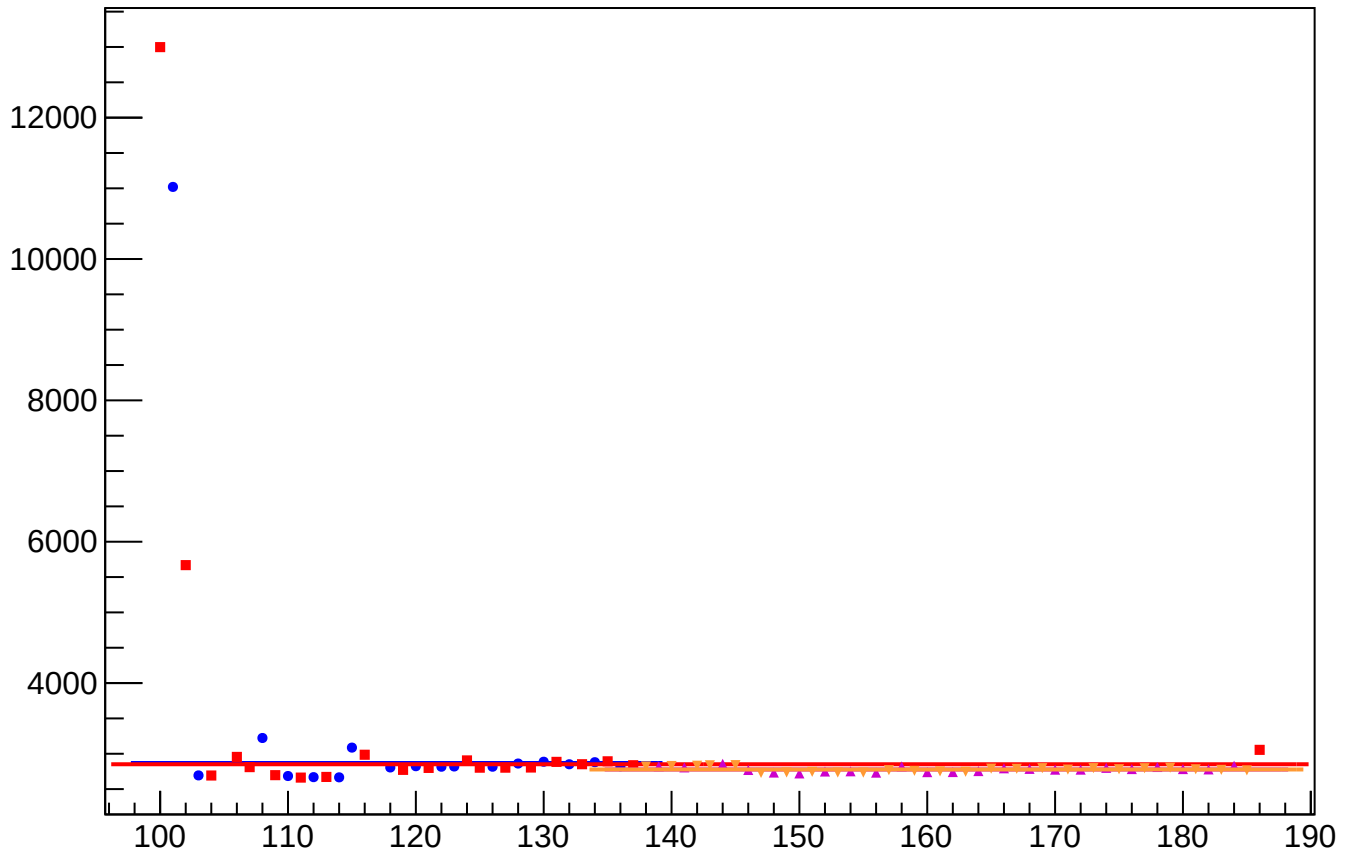
Left In: -2697.794 $\pm$ 662.544 χ^2 /NDF:36.1/22

+ sign 2538.207 $\pm$ 563.195 χ^2 /NDF: 47.1/41

All: -120.296 $\pm$ 397.795 χ^2 /NDF: 138.0/84

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

dit_asym_atr1_rms vs Slug



Right In: 2869.197+/-0.802 χ^2/NDF : 669900.5/16

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

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

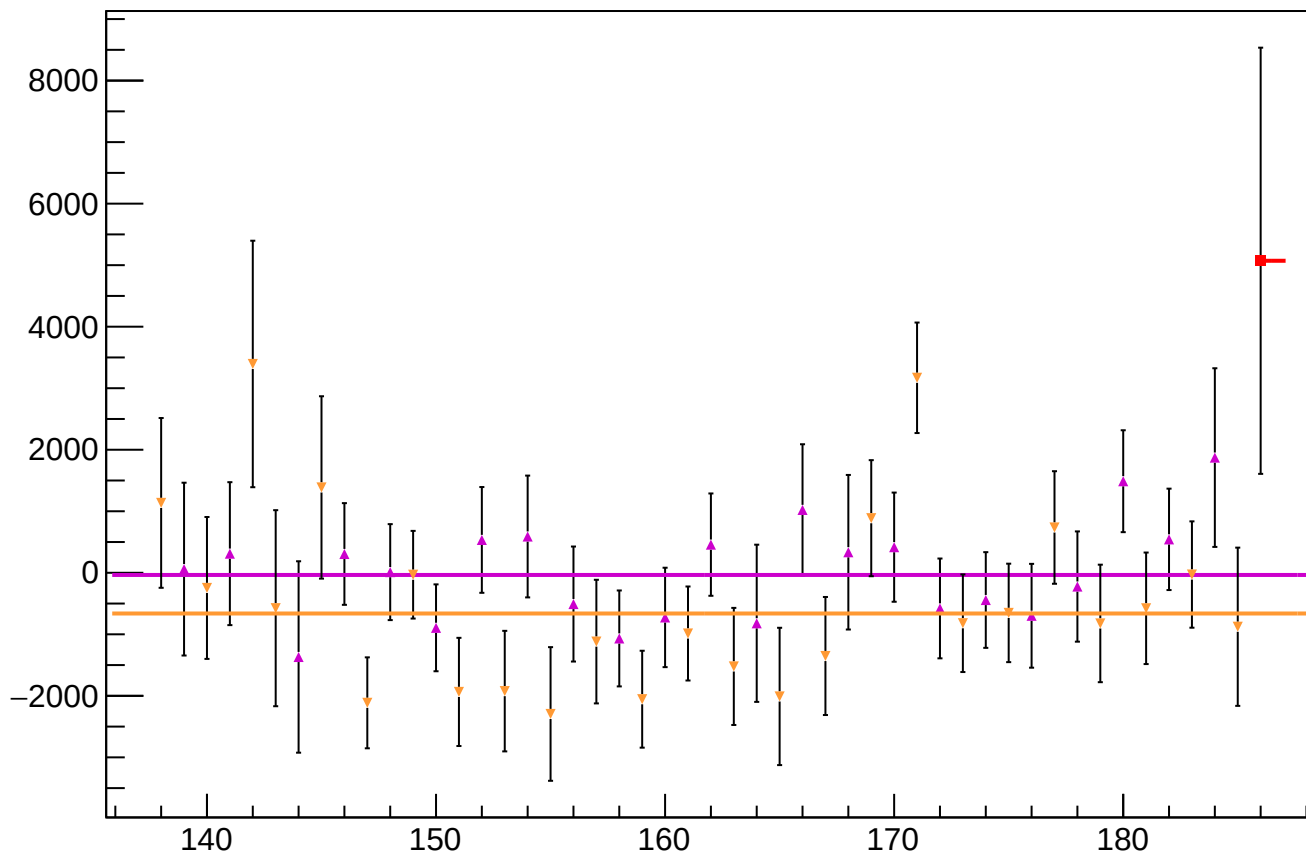
Left In: 2777.355+/-0.468 χ^2/NDF : 5488.7/22

+ sign 2800.071+/-0.398 χ^2/NDF : 685013.0/41

All: 2799.104+/-0.281 χ^2/NDF : 1013626.3/84

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

asym_atr1_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -661.759 $\pm$ 190.222 χ^2 /NDF: 48.7/24

Right Out: 5071.487 $\pm$ 3463.706 χ^2 /NDF: 0.0/0

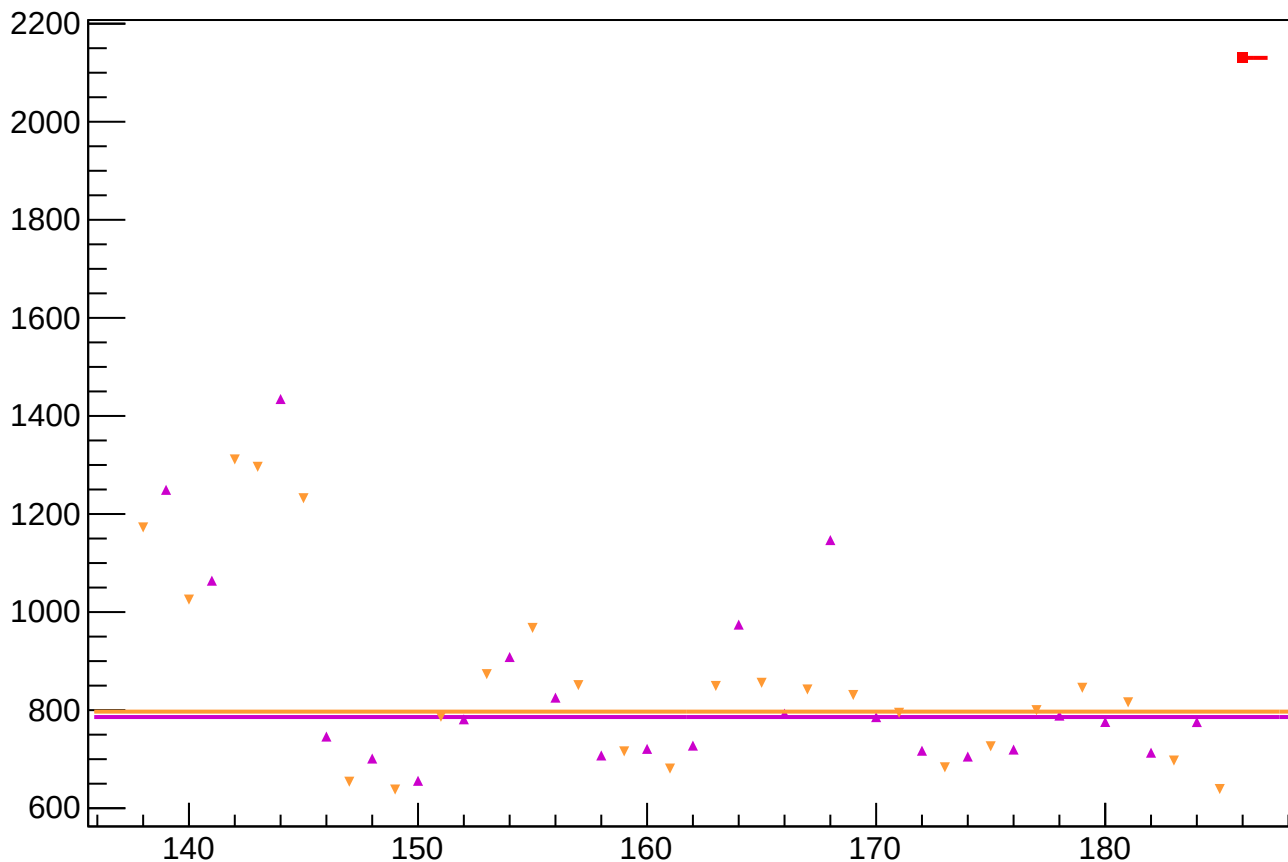
Left In: -35.366 $\pm$ 190.553 χ^2 /NDF: 15.1/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -340.931 $\pm$ 134.523 χ^2 /NDF: 71.7/48

- sign -19.956 $\pm$ 190.266 χ^2 /NDF: 17.3/23

asym_atr1_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 2130.275+/-2.449 χ^2/NDF : 0.0/0

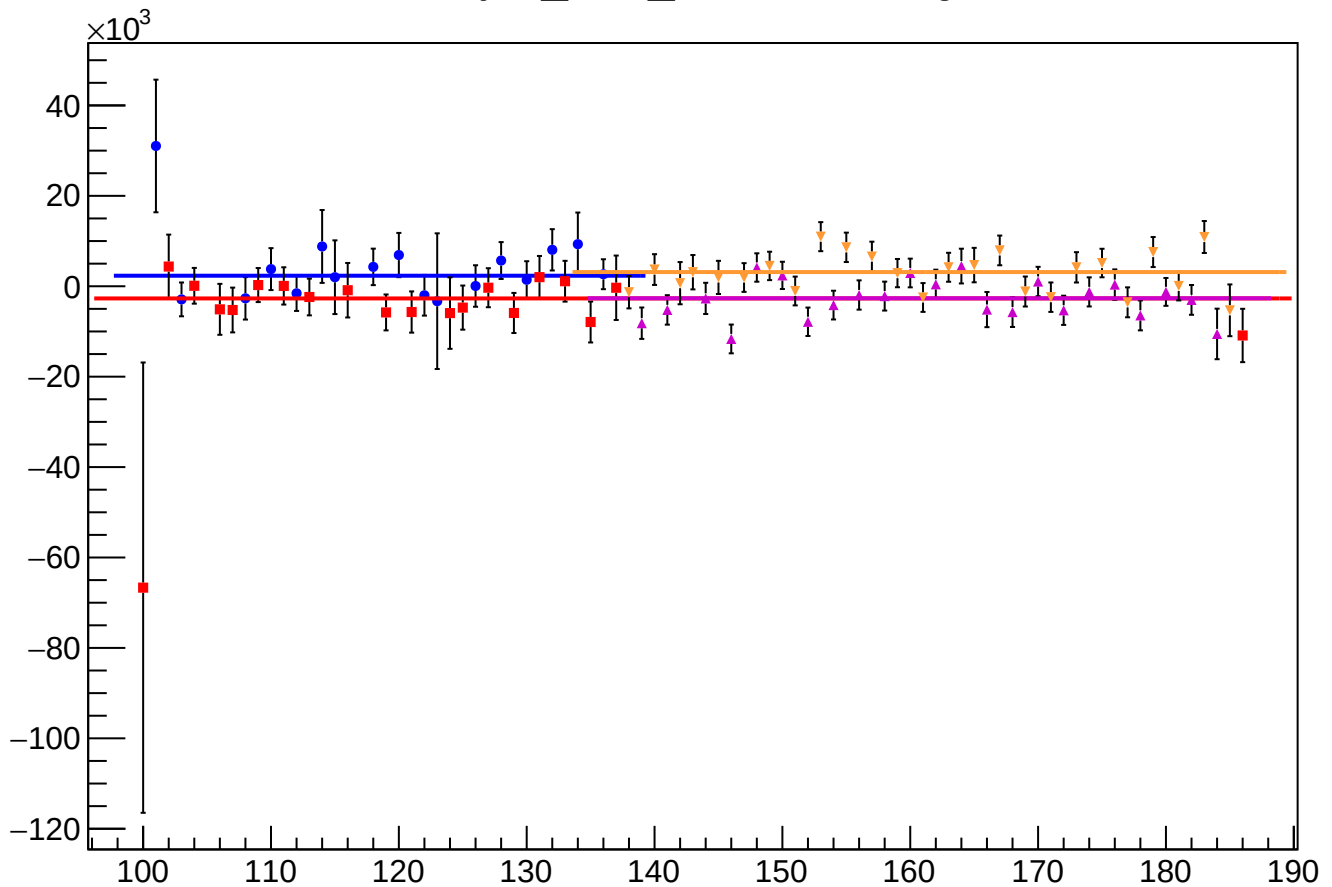
Left In: 785.928+/-0.135 χ^2/NDF :1126027.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.490+/-0.095 χ^2/NDF : 2602635.3/48

- sign 789.984+/-0.135 χ^2/NDF : 1426398.9/23

asym_atr1_mean vs Slug



Right In: 2330.134 $\pm$ 1156.555 χ^2 /NDF: 14.4/16

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

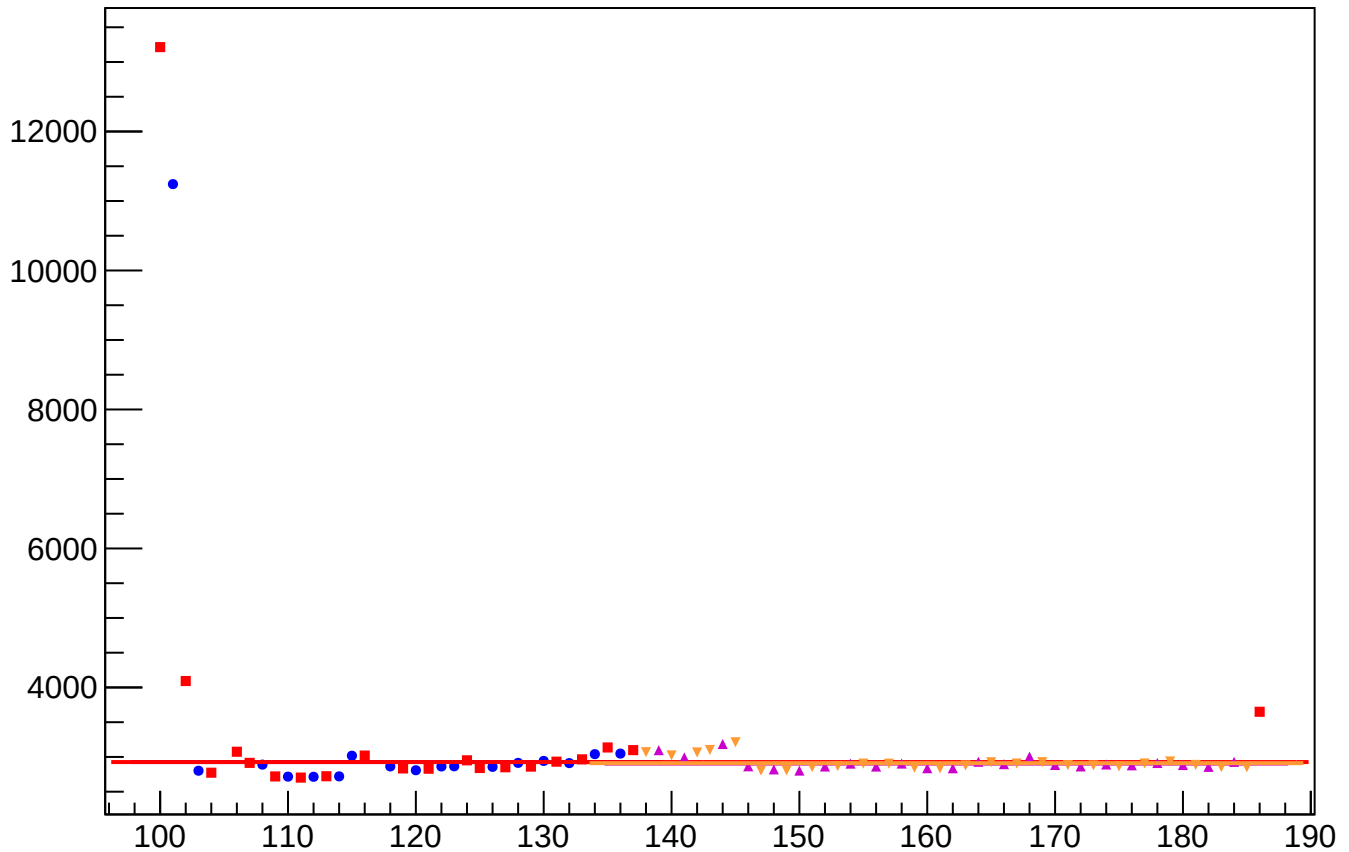
Left In: -2659.828 $\pm$ 693.121 χ^2 /NDF:36.9/22

+ sign 2931.378 $\pm$ 586.330 χ^2 /NDF: 53.0/41

All: 124.706 $\pm$ 414.138 χ^2 /NDF: 147.7/84

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

asym_atr1_rms vs Slug



Right In: 2926.610 $\pm$ 0.818 χ^2 /NDF: 662794.4/16

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

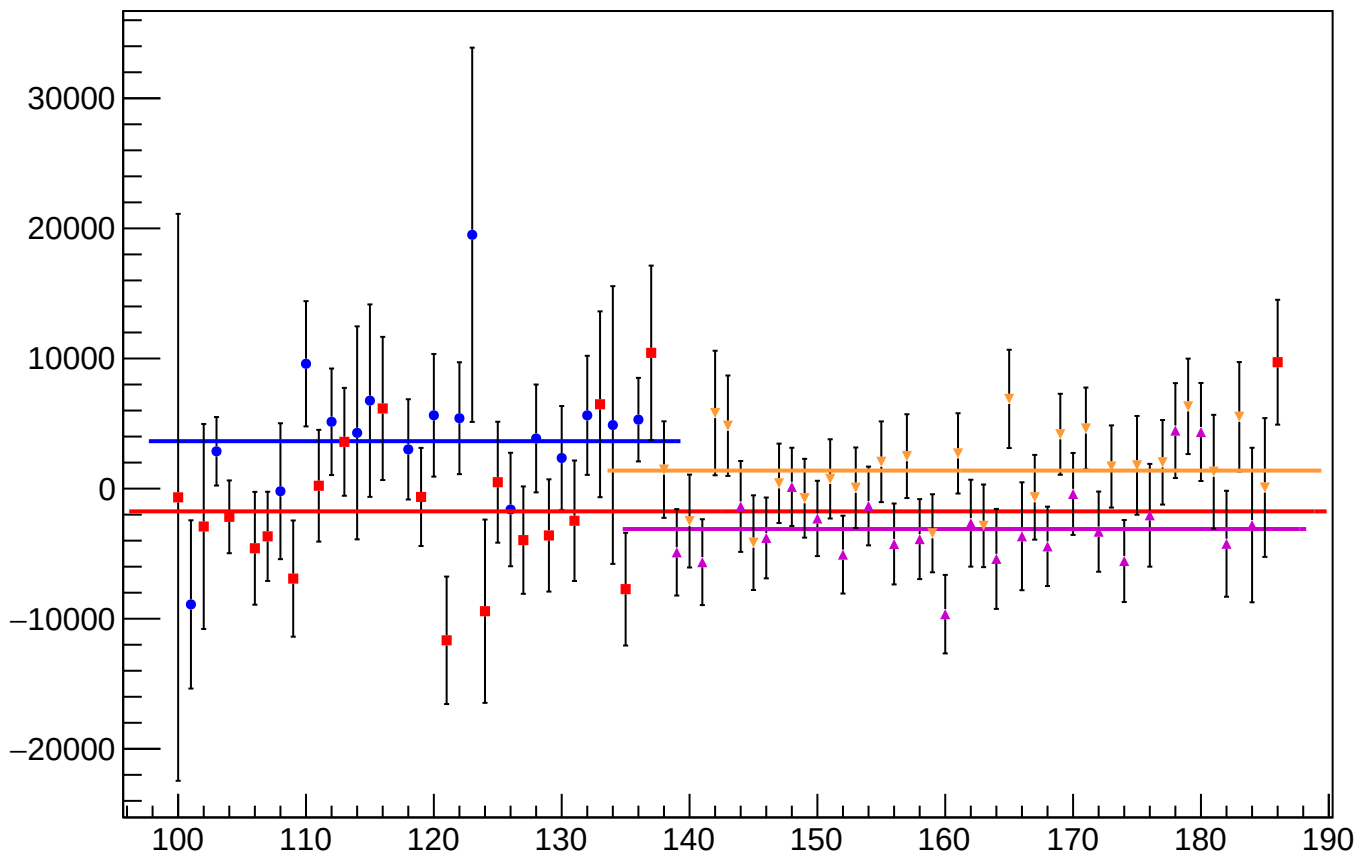
Left In: 2904.499 $\pm$ 0.490 χ^2 /NDF:30423.1/22

+ sign 2914.538 $\pm$ 0.415 χ^2 /NDF: 699168.2/41

All: 2912.667 $\pm$ 0.293 χ^2 /NDF: 931197.1/84

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

dit_asym_atr2_mean vs Slug



Right In: 3645.268 ± 1091.486 χ^2/NDF : 9.9/16

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

Right Out: -1750.028 ± 1022.802 χ^2/NDF : 24.4/19

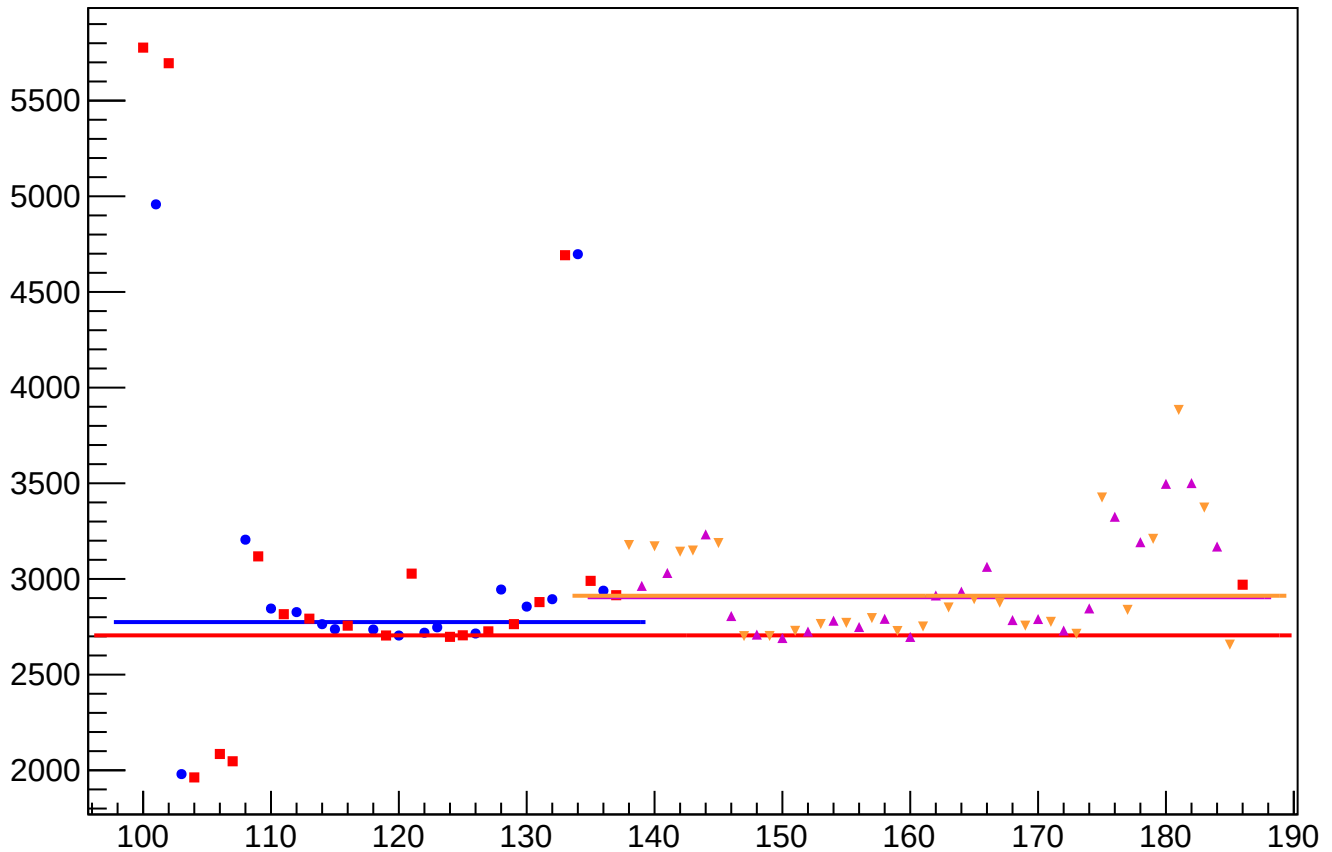
Left In: -3106.878 ± 695.685 χ^2/NDF : 18.4/22

+ sign 2024.125 ± 579.989 χ^2/NDF : 30.9/41

All: -346.145 ± 408.423 χ^2/NDF : 108.1/84

- sign -2677.701 ± 575.233 χ^2/NDF : 44.0/42

dit_asym_atr2_rms vs Slug



Right In: 2774.617 $\pm$ 0.772 χ^2 /NDF: 501680.3/16

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

Right Out: 2705.106 $\pm$ 0.723 χ^2 /NDF: 786648.0/19

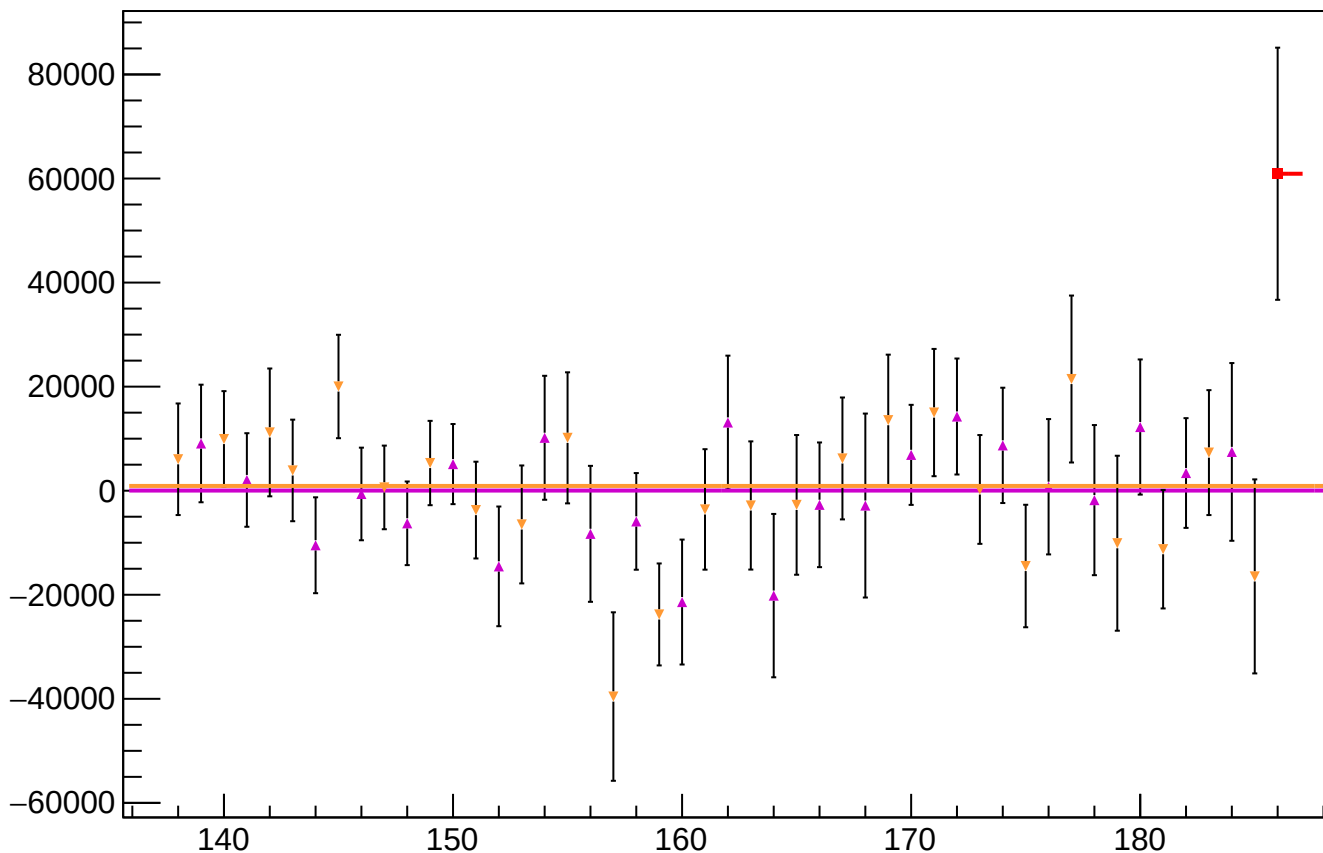
Left In: 2904.472 $\pm$ 0.492 χ^2 /NDF: 217578.9/22

+ sign 2873.360 $\pm$ 0.410 χ^2 /NDF: 815397.1/41

All: 2857.239 $\pm$ 0.289 χ^2 /NDF: 1874663.5/84

- sign 2841.385 $\pm$ 0.407 χ^2 /NDF: 1056201.8/42

asym_atr2_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

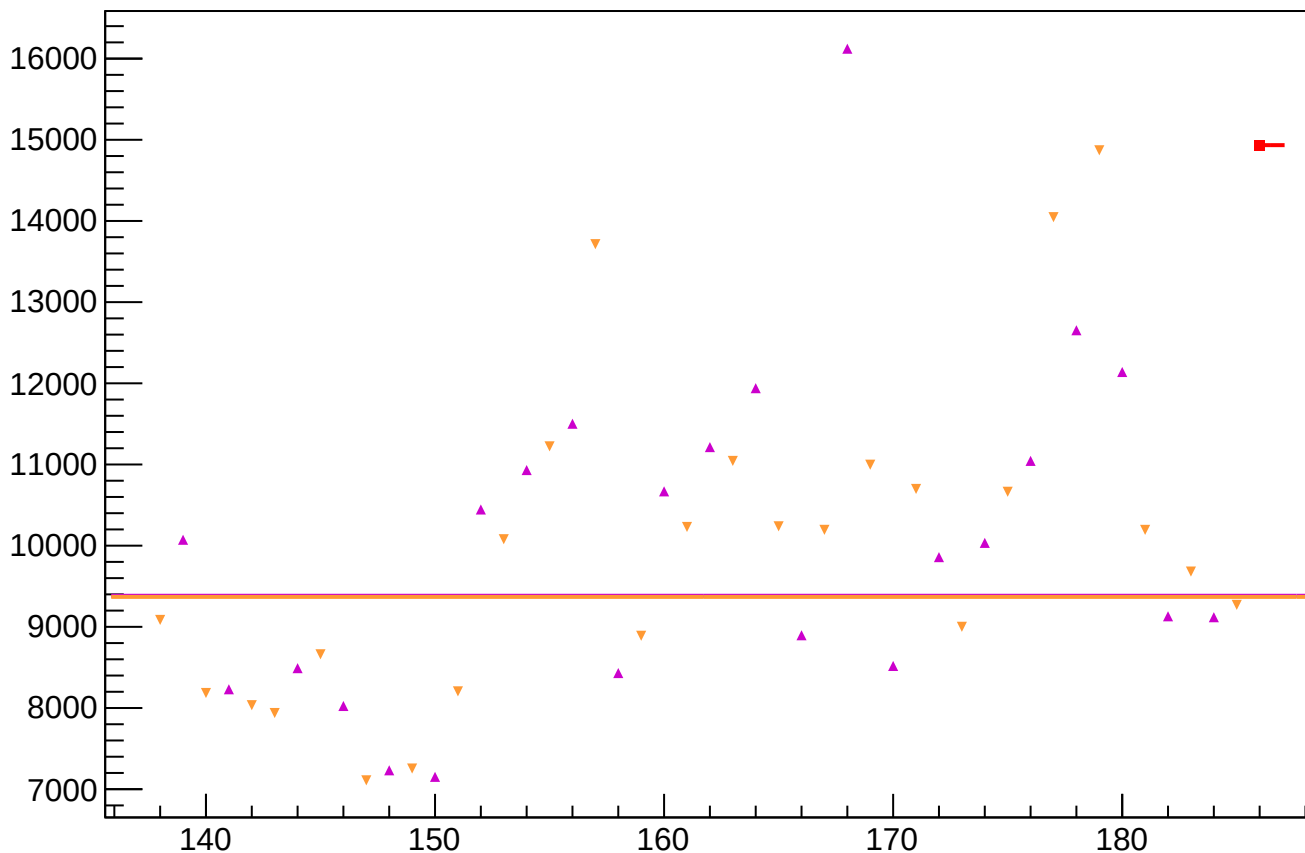
Left In: 25.729 $\pm$ 2280.428 χ^2 /NDF:16.1/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 740.710 $\pm$ 1594.110 χ^2 /NDF: 51.1/48

- sign 560.332 $\pm$ 2270.395 χ^2 /NDF: 22.4/23

asym_atr2_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

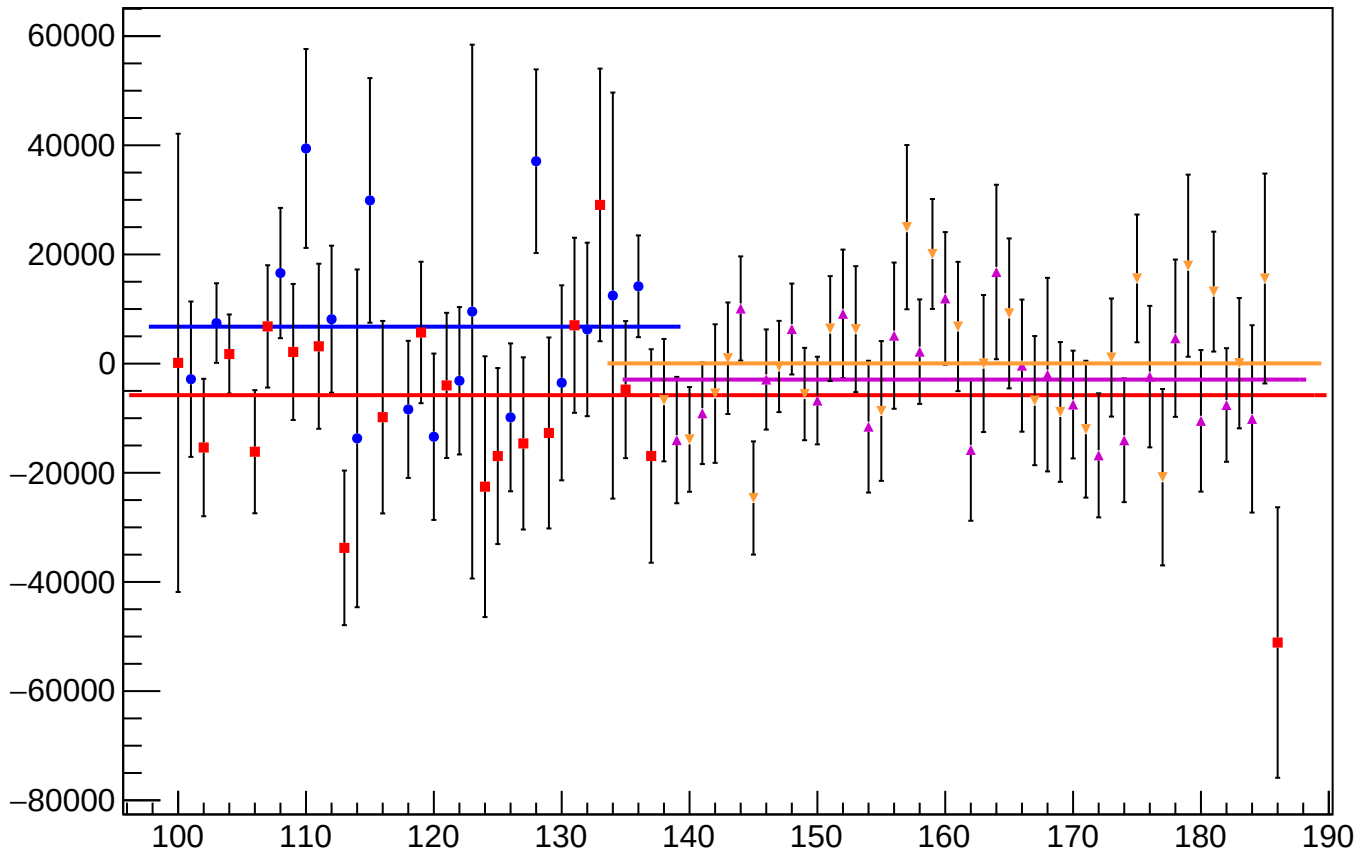
Right Out: 14934.067+/-17.134 χ^2/NDF : 0.0/0

All: 9399.812+/-1.127 χ^2/NDF : 2493483.2/48

- sign 9431.466+/-1.605 χ^2/NDF : 1309704.1/23

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

asym_atr2_mean vs Slug



Right In: 6767.402 $\pm$ 3387.139 χ^2 /NDF: 15.3/16

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

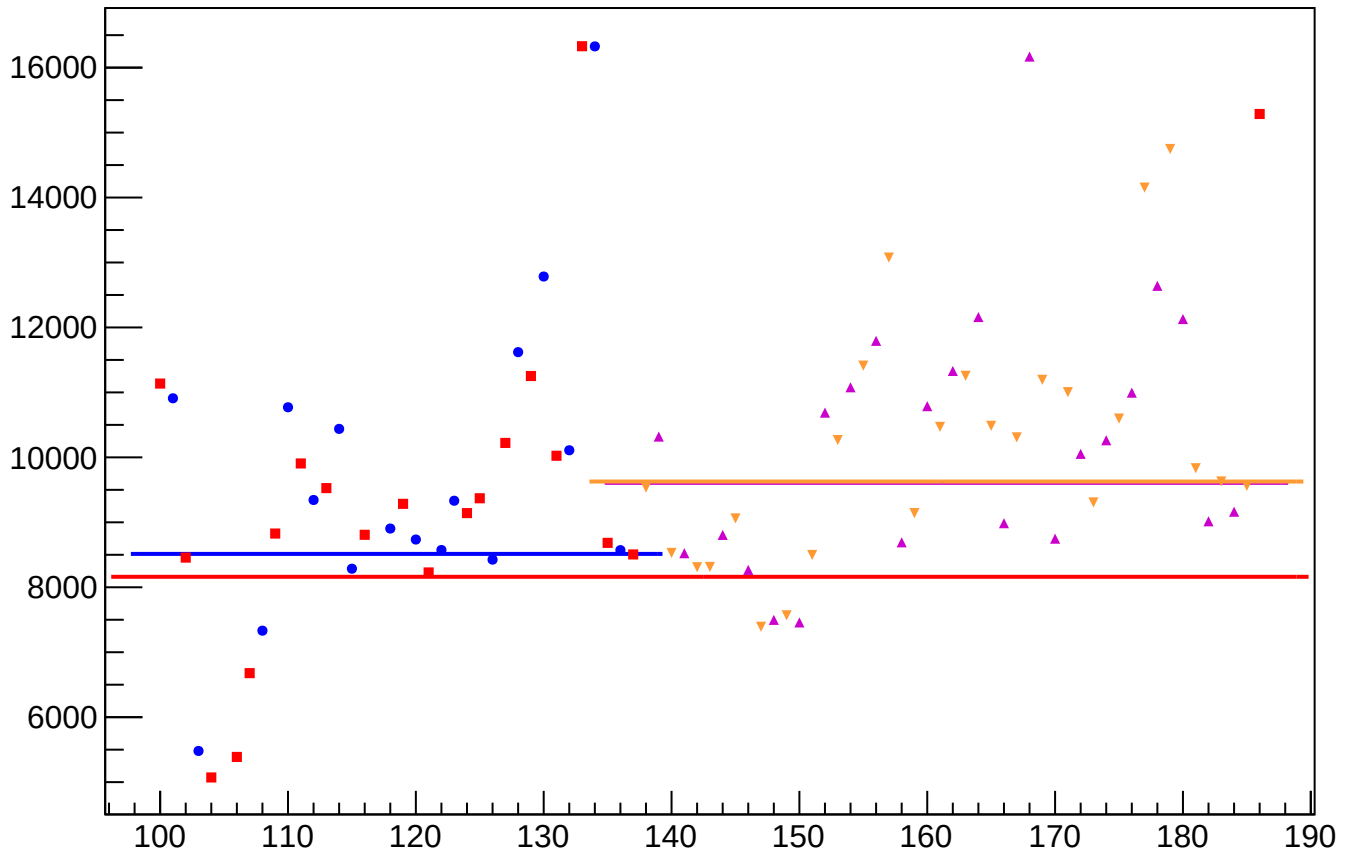
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF: 14.6/22

+ sign 2153.737 $\pm$ 1897.600 χ^2 /NDF: 43.9/41

All: -934.363 $\pm$ 1332.614 χ^2 /NDF: 81.3/84

- sign -3939.270 $\pm$ 1871.865 χ^2 /NDF: 32.1/42

asym_atr2_rms vs Slug



Right In: 8513.665 $\pm$ 2.395 χ^2 /NDF: 762614.5/16

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

+ sign 9278.129 $\pm$ 1.342 χ^2 /NDF: 1915736.0/41

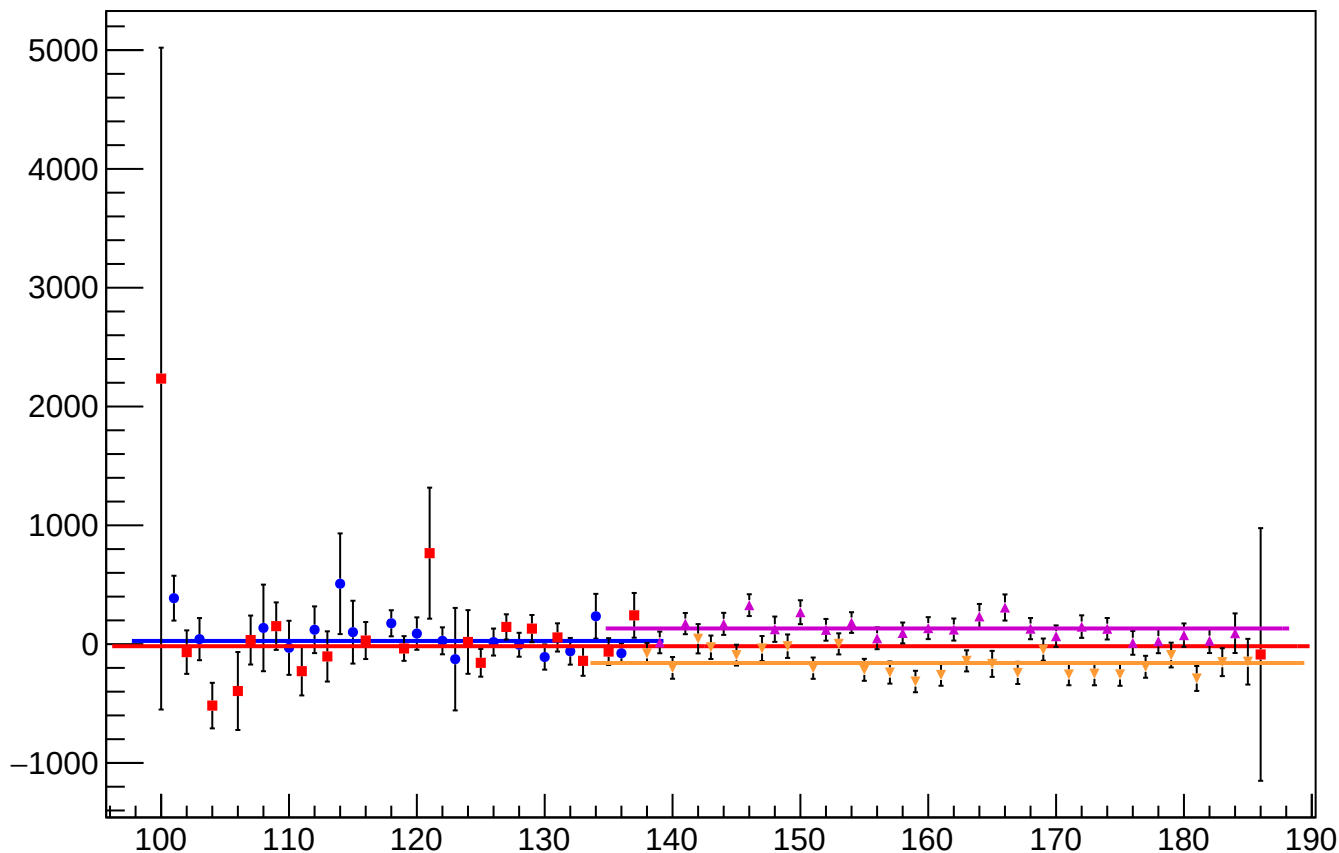
Right Out: 8161.140 $\pm$ 2.222 χ^2 /NDF: 1120339.3/19

All: 9184.897 $\pm$ 0.942 χ^2 /NDF: 4404483.7/84

Left In: 9607.553 $\pm$ 1.648 χ^2 /NDF:1085465.7/22

- sign 9094.179 $\pm$ 1.324 χ^2 /NDF: 2479222.3/42

dit_asym_sam1_mean vs Slug



Right In: 26.932 $\pm$ 34.029 χ^2 /NDF: 12.6/16

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

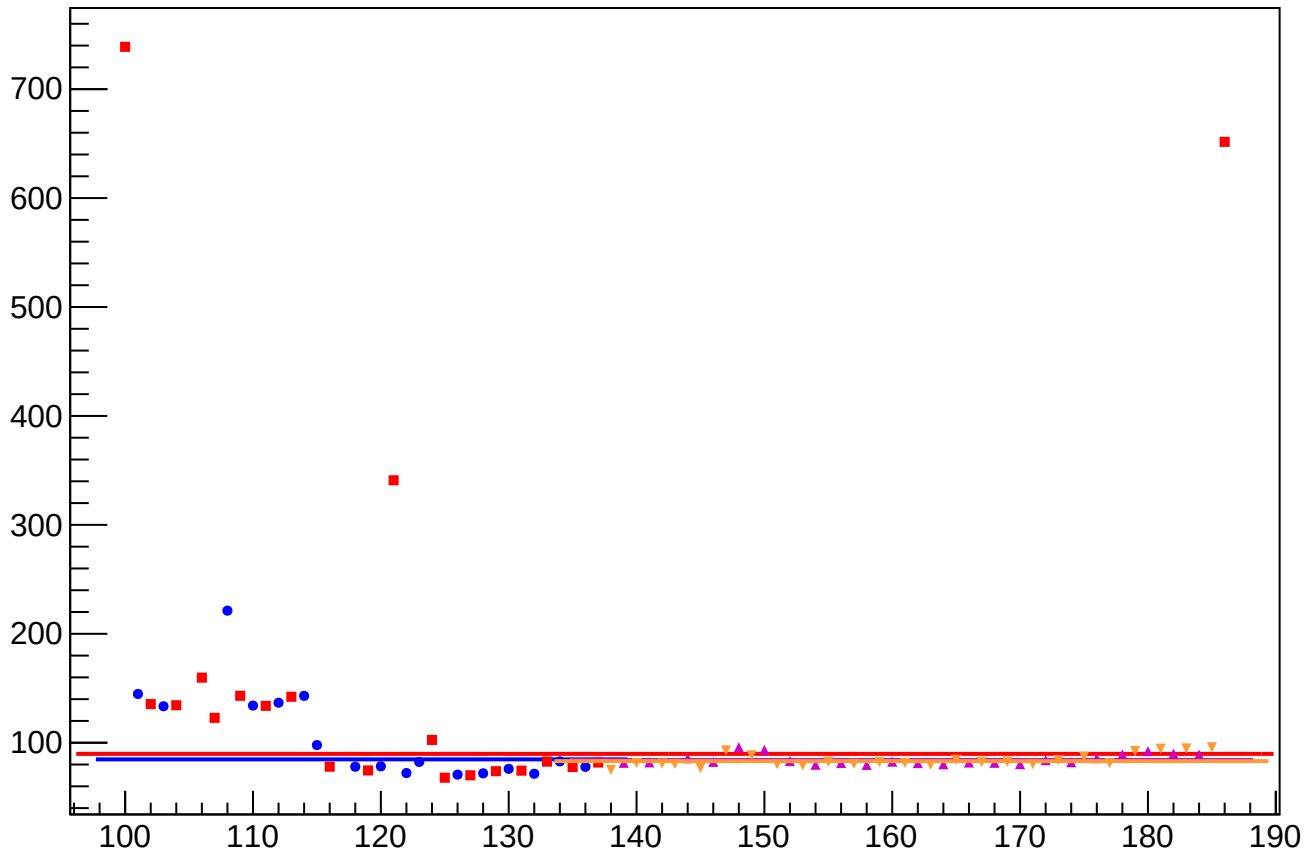
Left In: 131.879 $\pm$ 20.076 χ^2 /NDF:17.8/22

+ sign -113.163 $\pm$ 16.888 χ^2 /NDF: 60.9/41

All: -12.299 $\pm$ 12.145 χ^2 /NDF: 187.8/84

- sign 95.738 $\pm$ 17.478 χ^2 /NDF: 53.0/42

dit_asym_sam1_rms vs Slug



Right In: 84.737 $\pm$ 0.024 χ^2 /NDF: 1064420.0/16

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

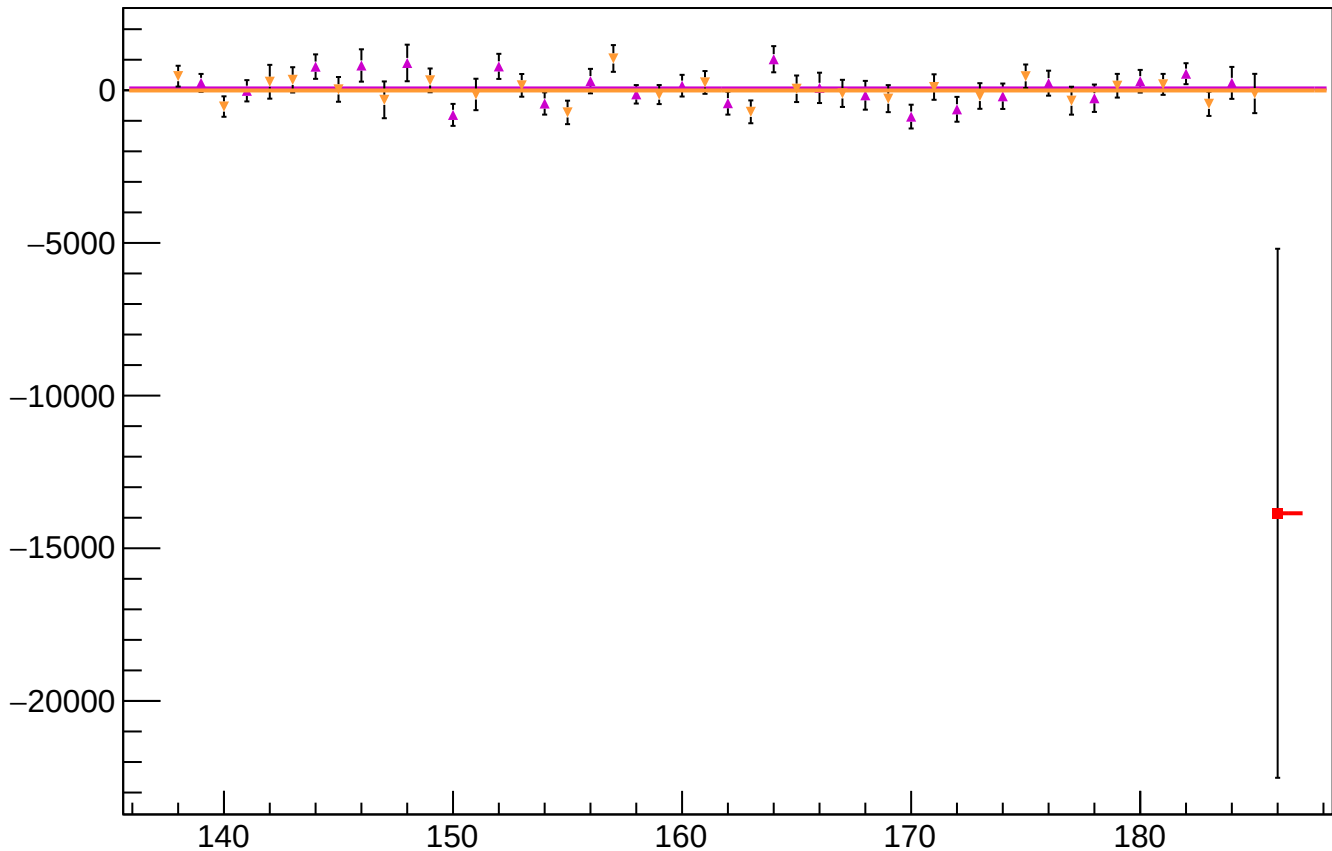
Left In: 84.108 $\pm$ 0.014 χ^2 /NDF: 96934.3/22

+ sign 83.523 $\pm$ 0.012 χ^2 /NDF: 1206538.6/41

All: 84.467 $\pm$ 0.009 χ^2 /NDF: 3473159.2/84

- sign 85.479 $\pm$ 0.012 χ^2 /NDF: 2253668.3/42

asym_sam1_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.627+/-81.138 χ^2/NDF : 24.4/24

Right Out: -13853.889+/-8663.157 χ^2/NDF : 0.0/0

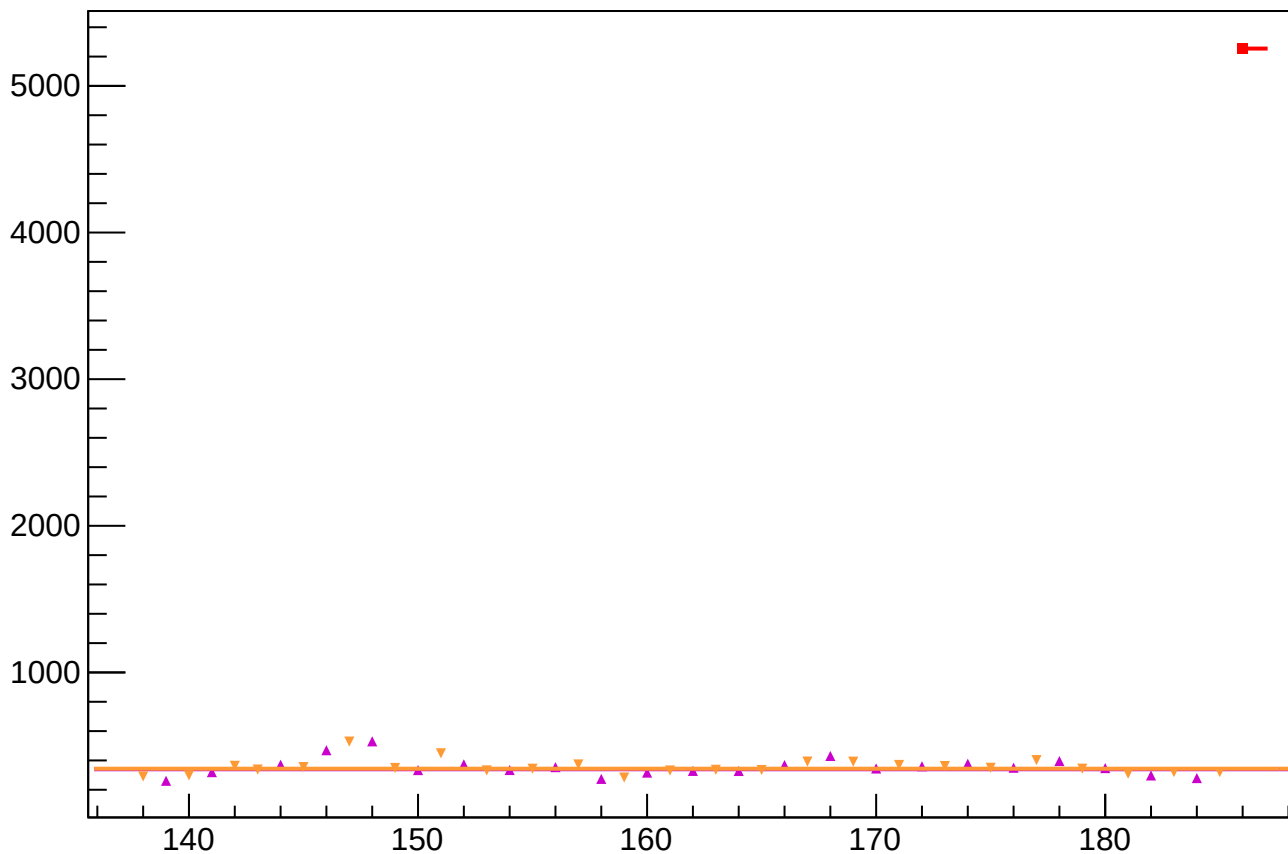
Left In: 59.971+/-82.046 χ^2/NDF : 38.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.686+/-57.690 χ^2/NDF : 65.3/48

- sign 58.724+/-82.043 χ^2/NDF : 40.6/23

asym_sam1_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 343.620+/-0.057 χ^2/NDF : 571090.7/24

Right Out: 5254.581+/-6.126 χ^2/NDF : 0.0/0

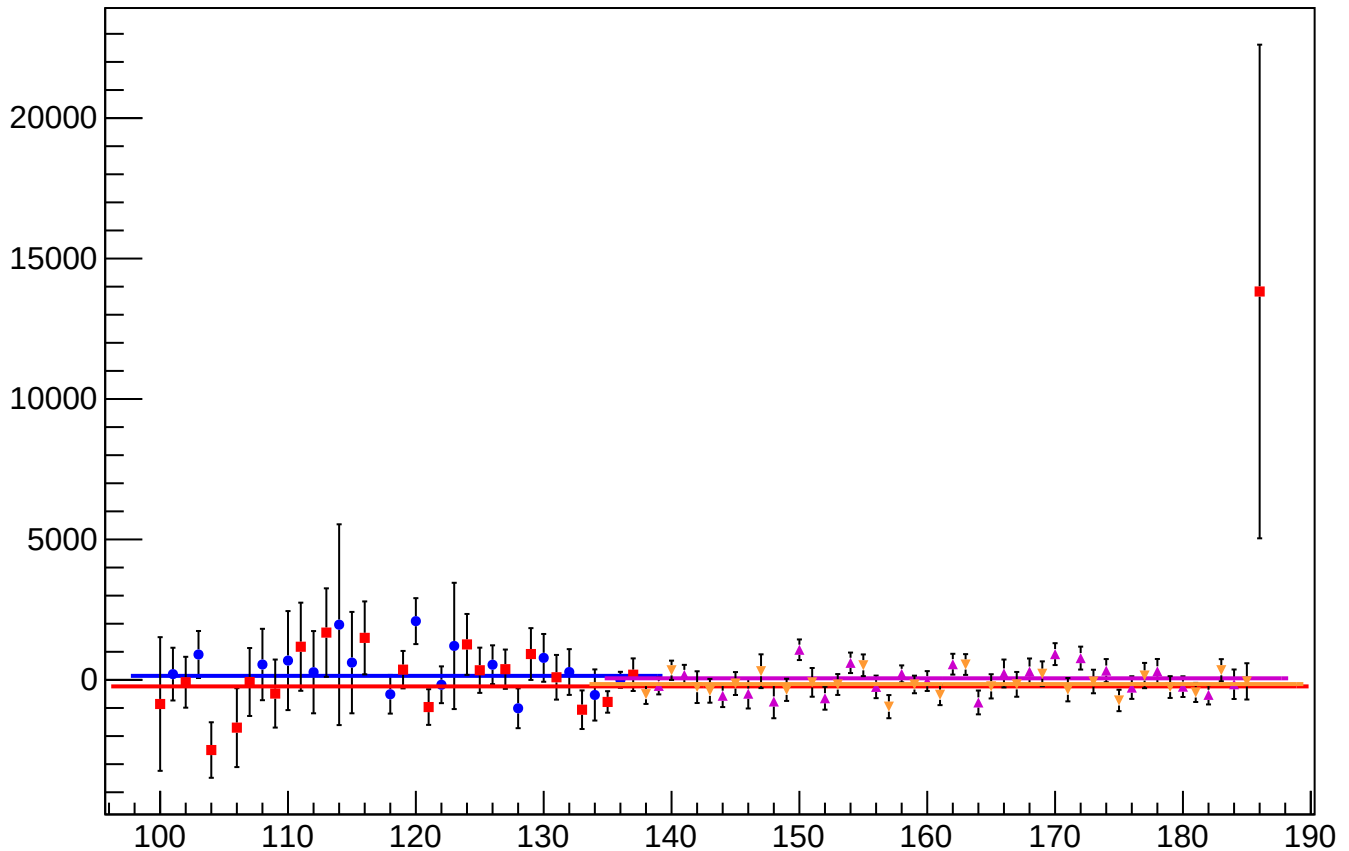
Left In: 339.804+/-0.058 χ^2/NDF : 799750.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.951+/-0.041 χ^2/NDF : 2016197.5/48

- sign 340.245+/-0.058 χ^2/NDF : 1443395.3/23

asym_sam1_mean vs Slug



Right In: 143.486 ± 179.237 χ^2/NDF : 12.8/16

Left Out: -148.809 ± 81.017 χ^2/NDF : 22.0/24

Right Out: -231.657 ± 183.955 χ^2/NDF : 24.2/19

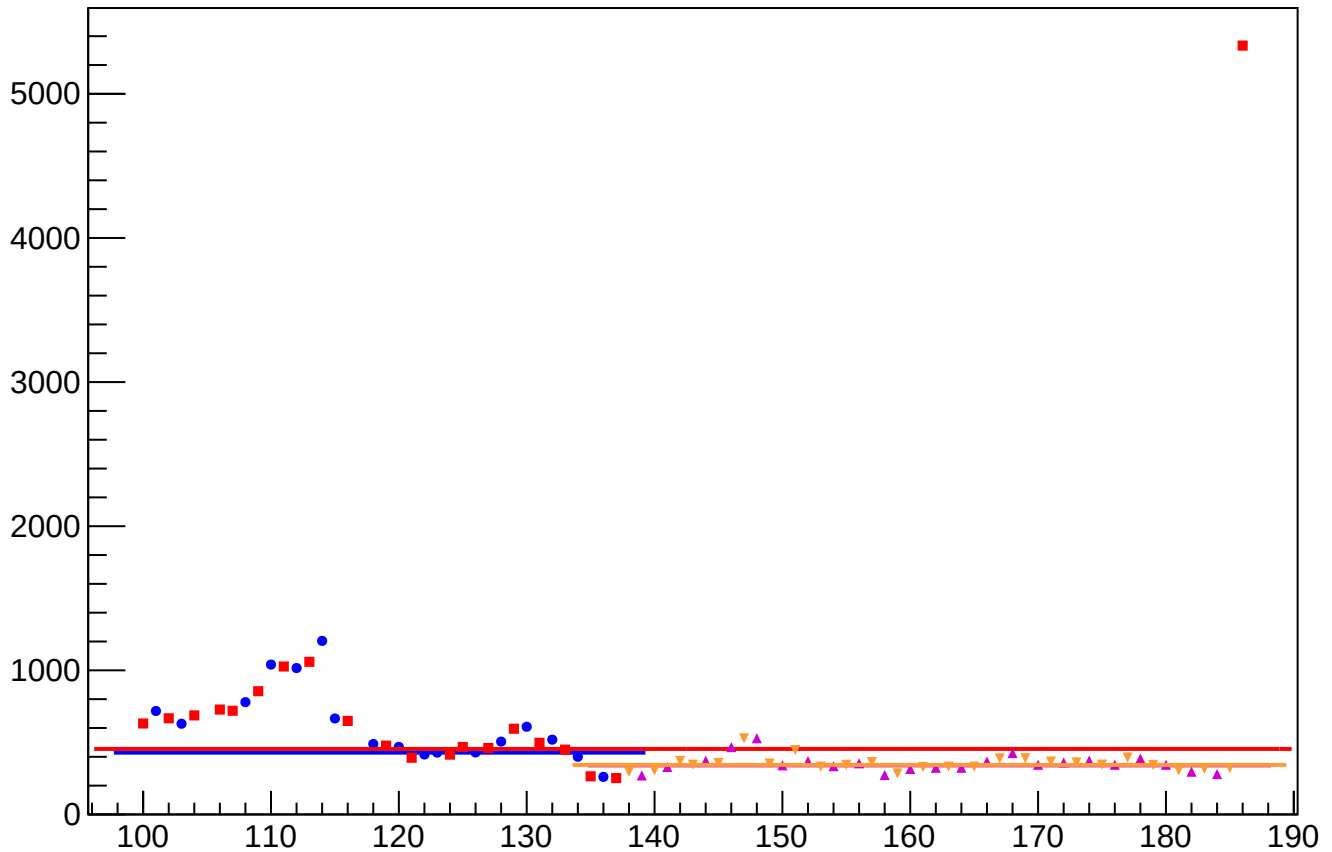
Left In: 56.402 ± 82.155 χ^2/NDF : 39.7/22

+ sign -99.221 ± 73.825 χ^2/NDF : 37.0/41

All: -46.220 ± 52.618 χ^2/NDF : 104.0/84

- sign 8.501 ± 75.014 χ^2/NDF : 66.0/42

asym_sam1_rms vs Slug



Right In: 428.856 ± 0.127 χ^2/NDF : 2012329.6/16

Left Out: 343.762 ± 0.057 χ^2/NDF : 539246.3/24

+ sign 358.198 ± 0.052 χ^2/NDF : 2925886.1/41

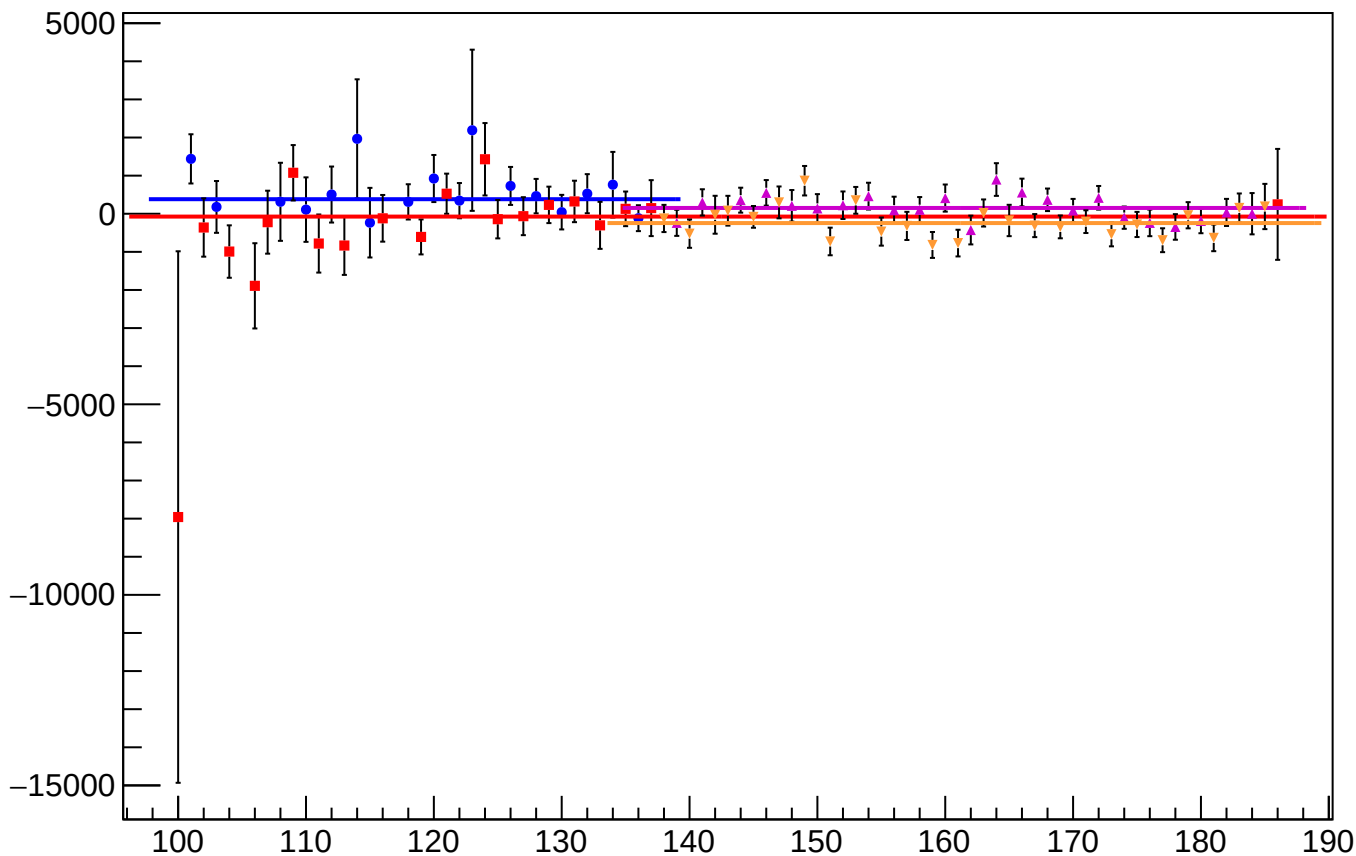
Right Out: 454.657 ± 0.130 χ^2/NDF : 2656400.4/19

All: 358.838 ± 0.037 χ^2/NDF : 6961563.0/84

Left In: 340.519 ± 0.058 χ^2/NDF : 737049.6/22

- sign 359.499 ± 0.053 χ^2/NDF : 4035371.3/42

dit_asym_sam2_mean vs Slug



Right In: 381.893 ± 141.192 χ^2/NDF : 9.4/16

Left Out: -244.459 ± 70.636 χ^2/NDF : 28.9/24

Right Out: -74.375 ± 142.777 χ^2/NDF : 16.8/19

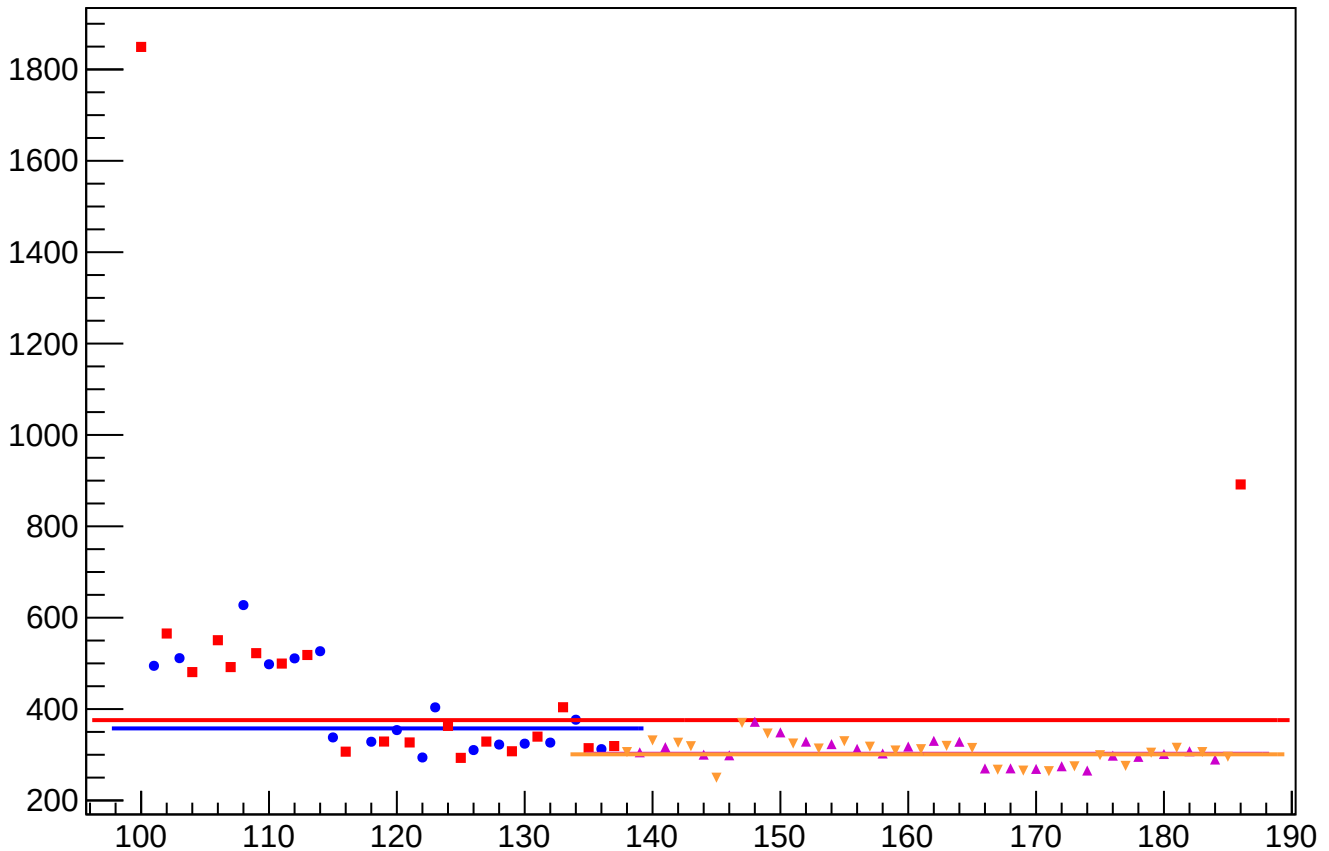
Left In: 152.030 ± 72.312 χ^2/NDF : 18.2/22

+ sign -119.075 ± 63.172 χ^2/NDF : 54.1/41

All: -8.989 ± 45.135 χ^2/NDF : 97.2/84

- sign 105.810 ± 64.510 χ^2/NDF : 37.0/42

dit_asym_sam2_rms vs Slug



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

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

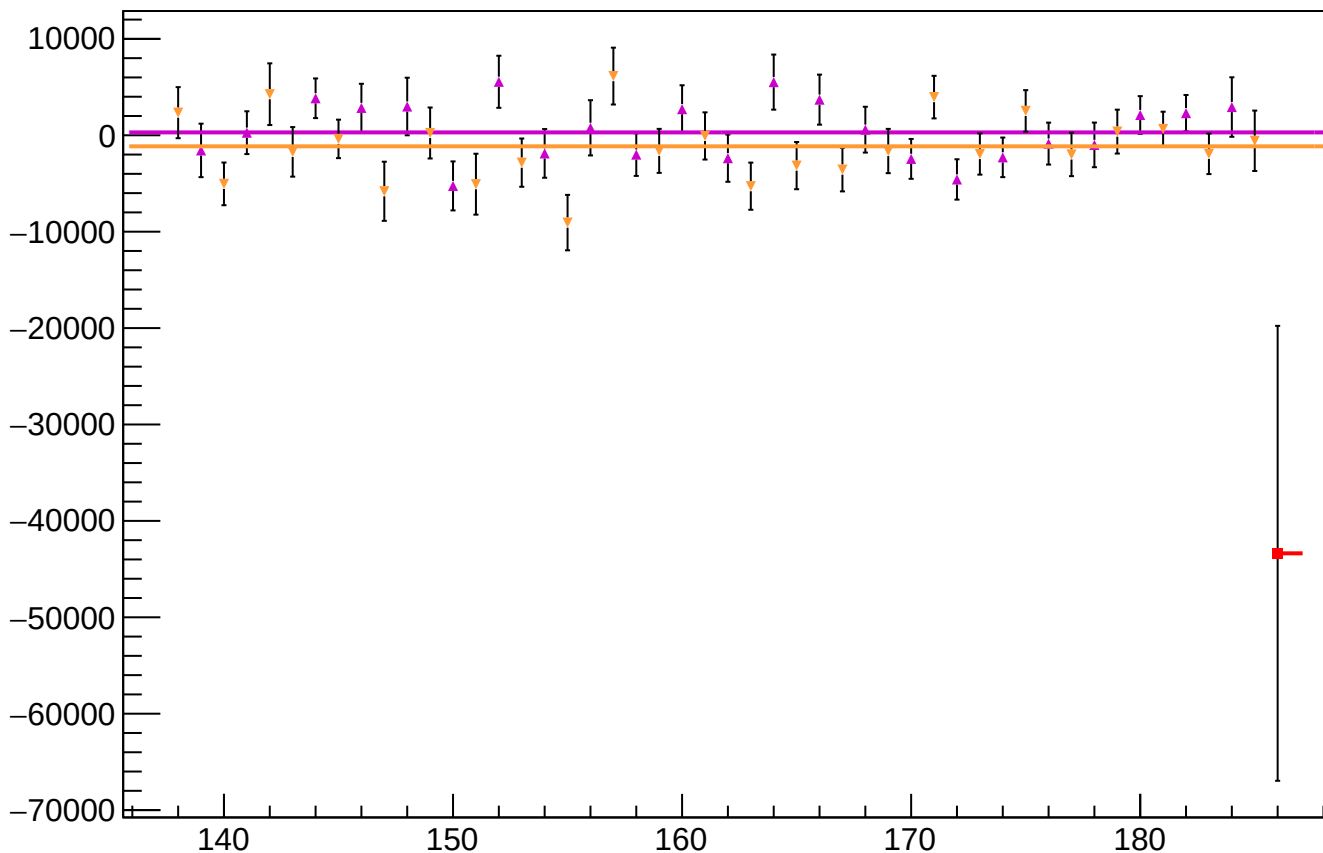
Left In: 302.180 $\pm$ 0.051 χ^2 /NDF: 247468.9/22

+ sign 312.312 $\pm$ 0.045 χ^2 /NDF: 1209873.7/41

All: 314.710 $\pm$ 0.032 χ^2 /NDF: 2924979.3/84

- sign 317.210 $\pm$ 0.046 χ^2 /NDF: 1709218.6/42

asym_sam2_correction_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -1146.466 ± 479.950 χ^2/NDF : 41.3/24

Right Out: -43365.102 ± 23595.508 χ^2/NDF : 0.0/0

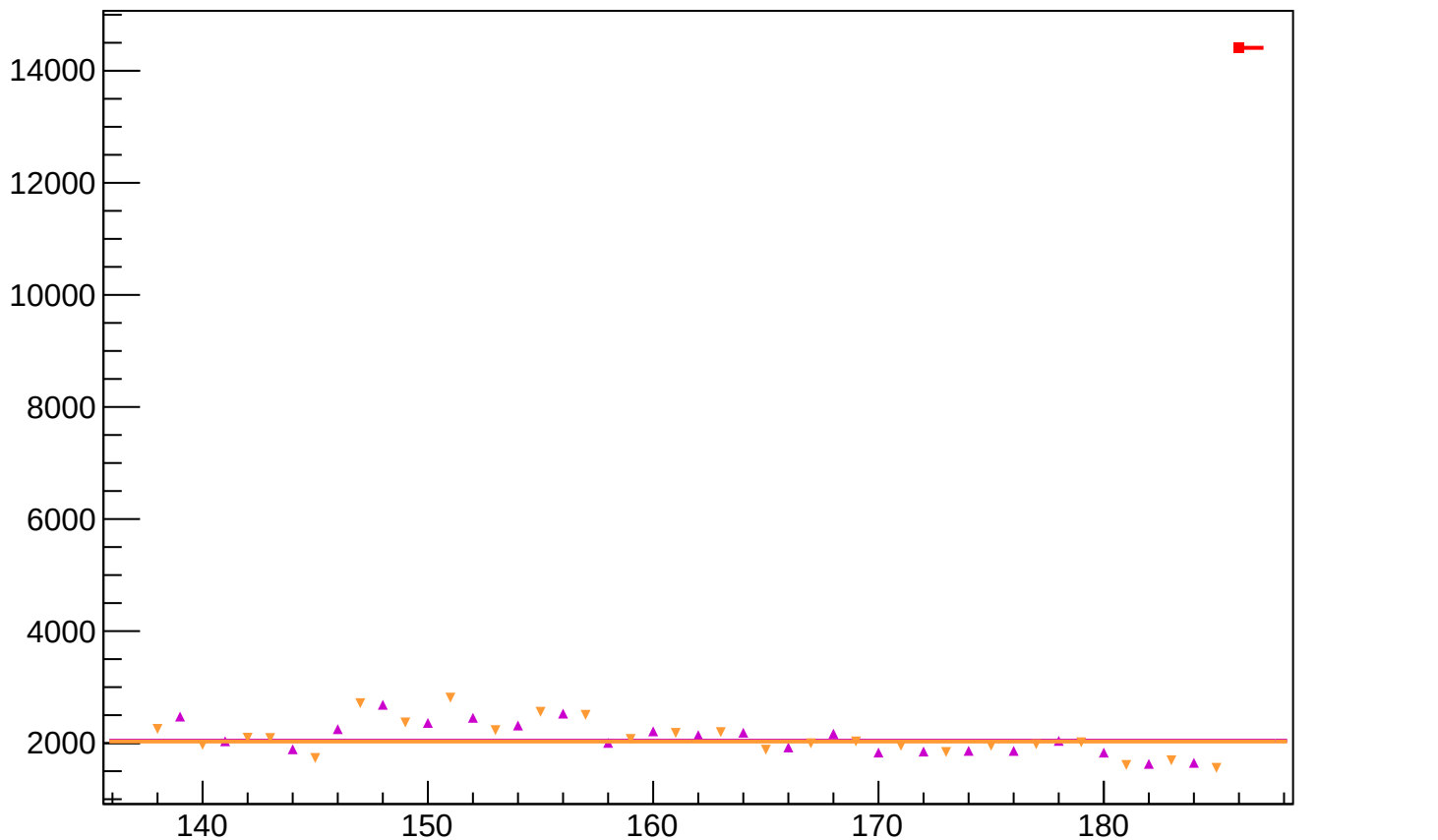
Left In: 298.915 ± 491.476 χ^2/NDF : 35.0/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -450.010 ± 343.342 χ^2/NDF : 84.0/48

- sign 279.980 ± 491.369 χ^2/NDF : 38.4/23

asym_sam2_correction_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 2030.179 $\pm$ 0.339 χ^2/NDF : 702523.9/24

Right Out: 14409.679 $\pm$ 16.685 χ^2/NDF : 0.0/0

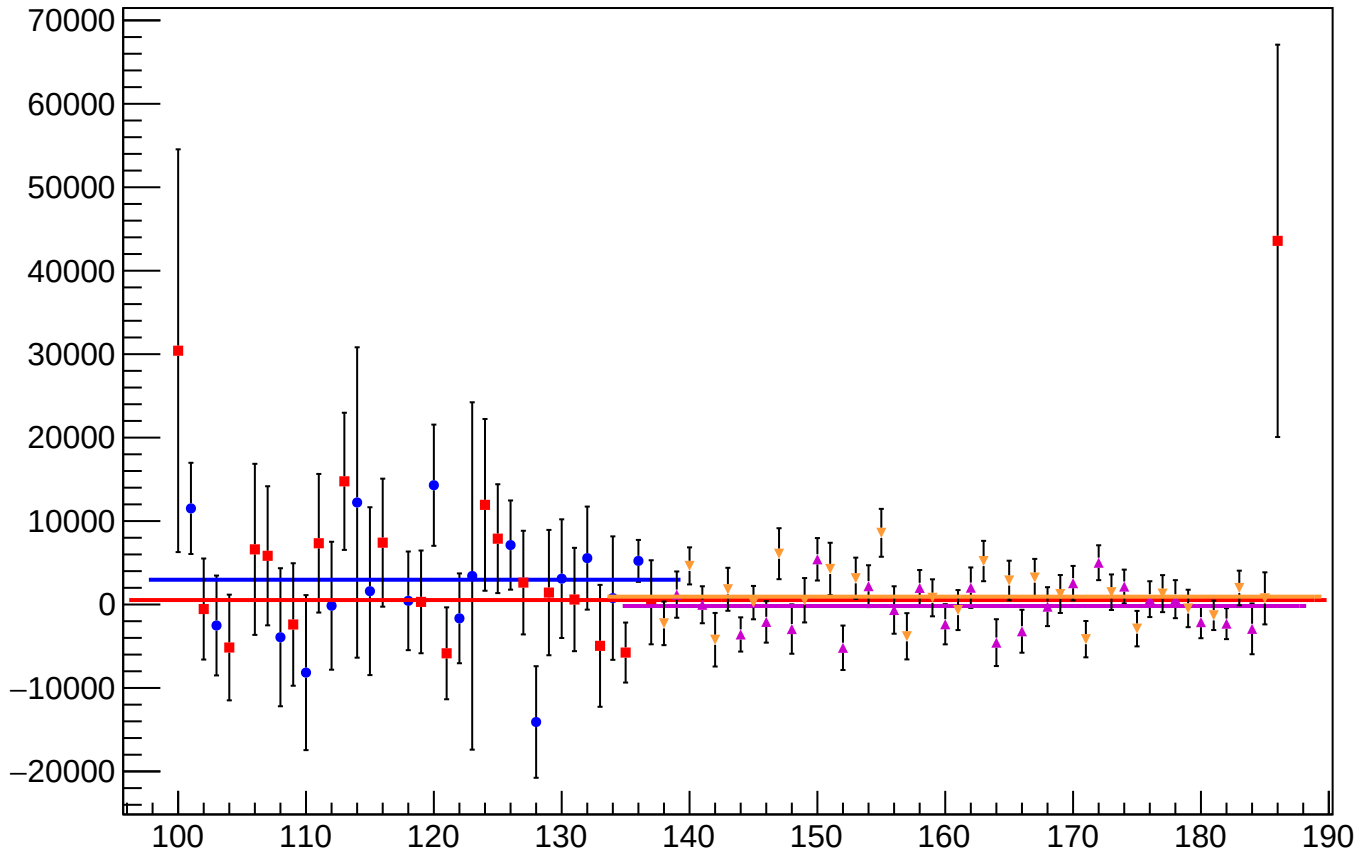
Left In: 2044.056 $\pm$ 0.348 χ^2/NDF : 570535.5/22

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2039.573 $\pm$ 0.243 χ^2/NDF : 1823682.3/48

- sign 2049.418 $\pm$ 0.347 χ^2/NDF : 1119589.4/23

asym_sam2_mean vs Slug



Right In: 2969.125 $\pm$ 1440.489 χ^2 /NDF: 17.4/16

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

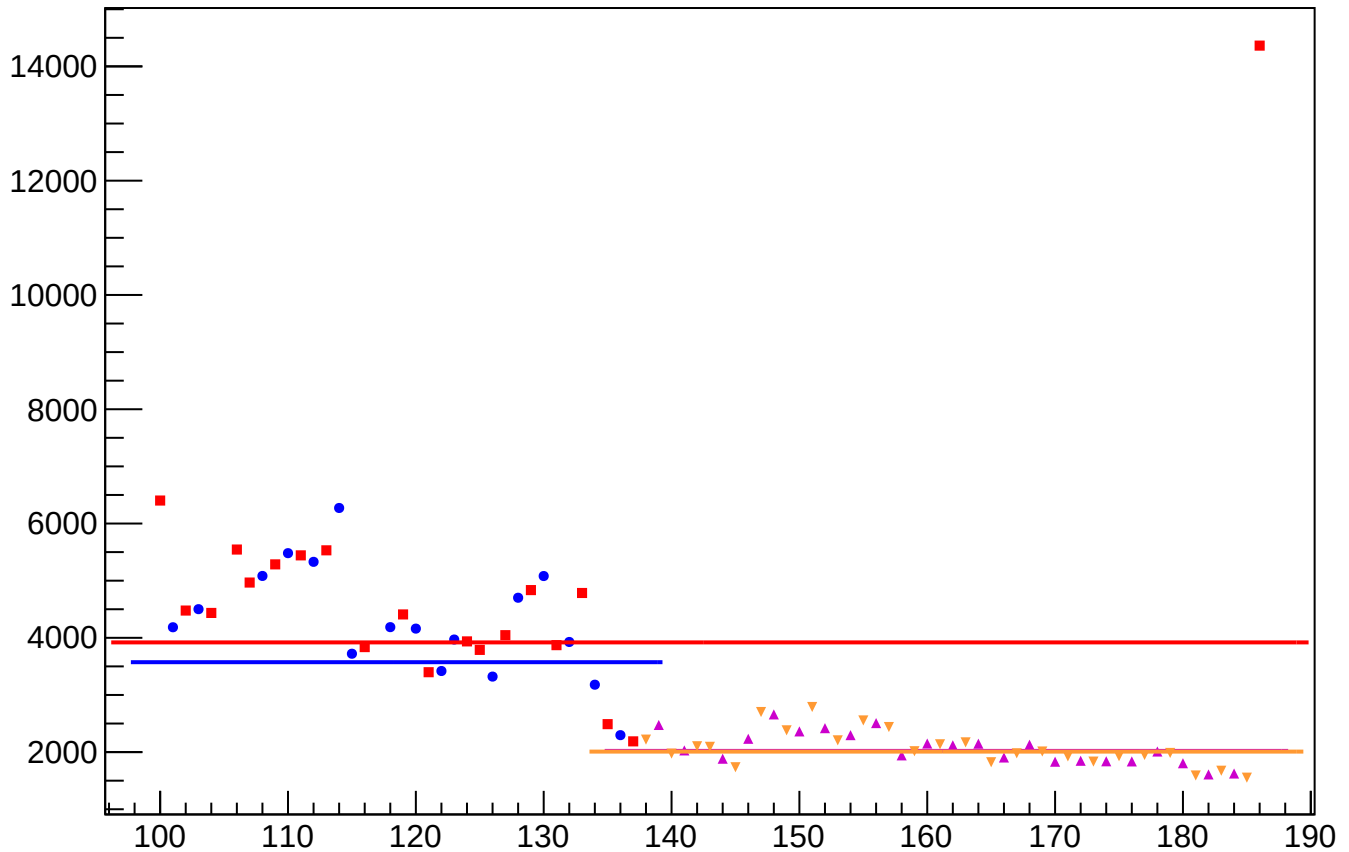
Left In: -180.087 $\pm$ 486.112 χ^2 /NDF: 32.9/22

+ sign 1141.077 $\pm$ 450.627 χ^2 /NDF: 57.4/41

All: 530.706 $\pm$ 322.774 χ^2 /NDF: 113.0/84

- sign -112.395 $\pm$ 462.550 χ^2 /NDF: 51.8/42

asym_sam2_rms vs Slug



Right In: 3573.470 $\pm$ 1.019 χ^2 /NDF: 1088731.5/16

Left Out: 2008.897 $\pm$ 0.335 χ^2 /NDF: 709254.4/24

Right Out: 3919.832 $\pm$ 1.063 χ^2 /NDF: 1384716.7/19

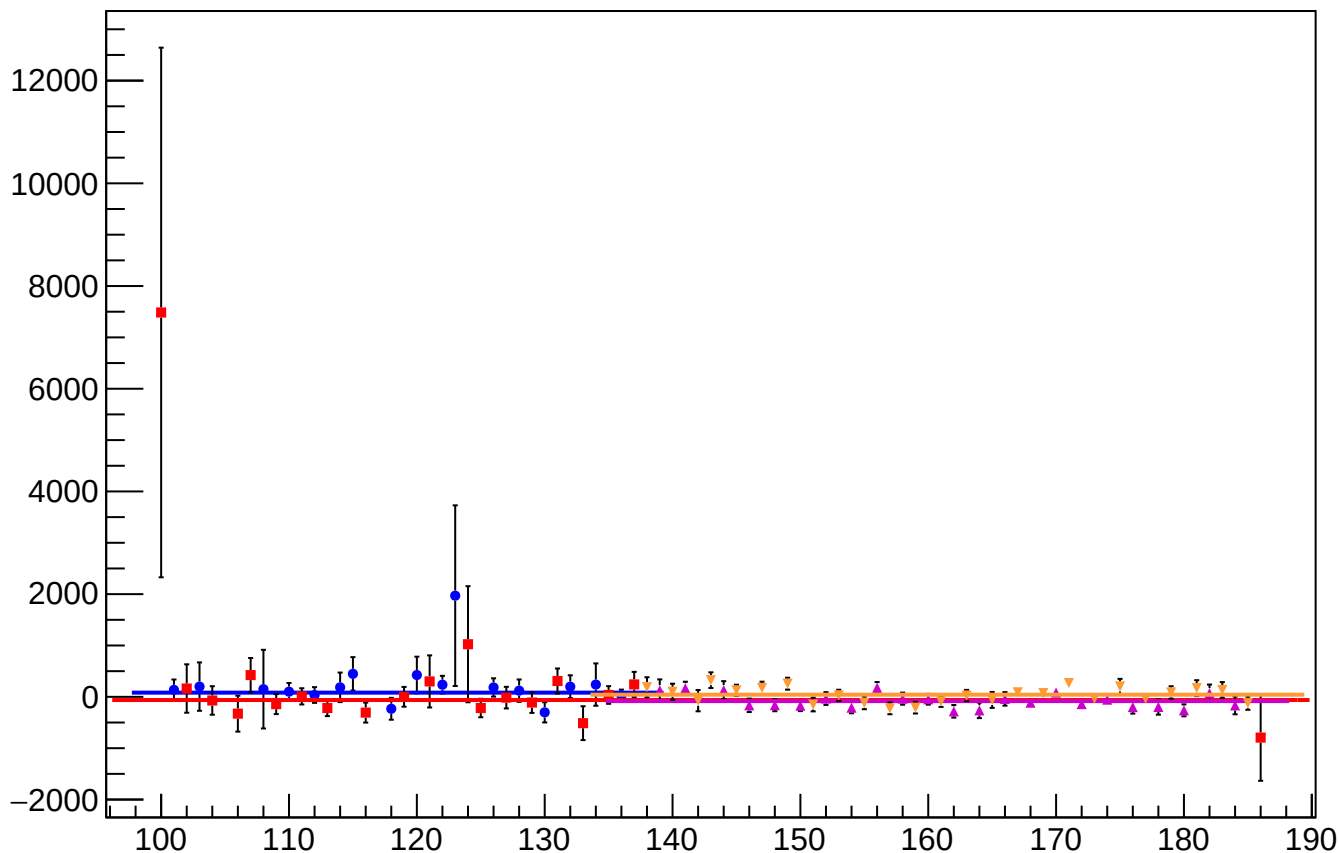
Left In: 2020.887 $\pm$ 0.344 χ^2 /NDF: 576363.5/22

+ sign 2162.009 $\pm$ 0.319 χ^2 /NDF: 3926489.8/41

All: 2180.754 $\pm$ 0.228 χ^2 /NDF: 8781486.7/84

- sign 2200.505 $\pm$ 0.327 χ^2 /NDF: 4847889.9/42

dit_asym_sam3_mean vs Slug



Right In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Left Out: 41.847+/-23.035 χ^2/NDF : 39.1/24

Right Out: -61.929+/-53.060 χ^2/NDF : 17.2/19

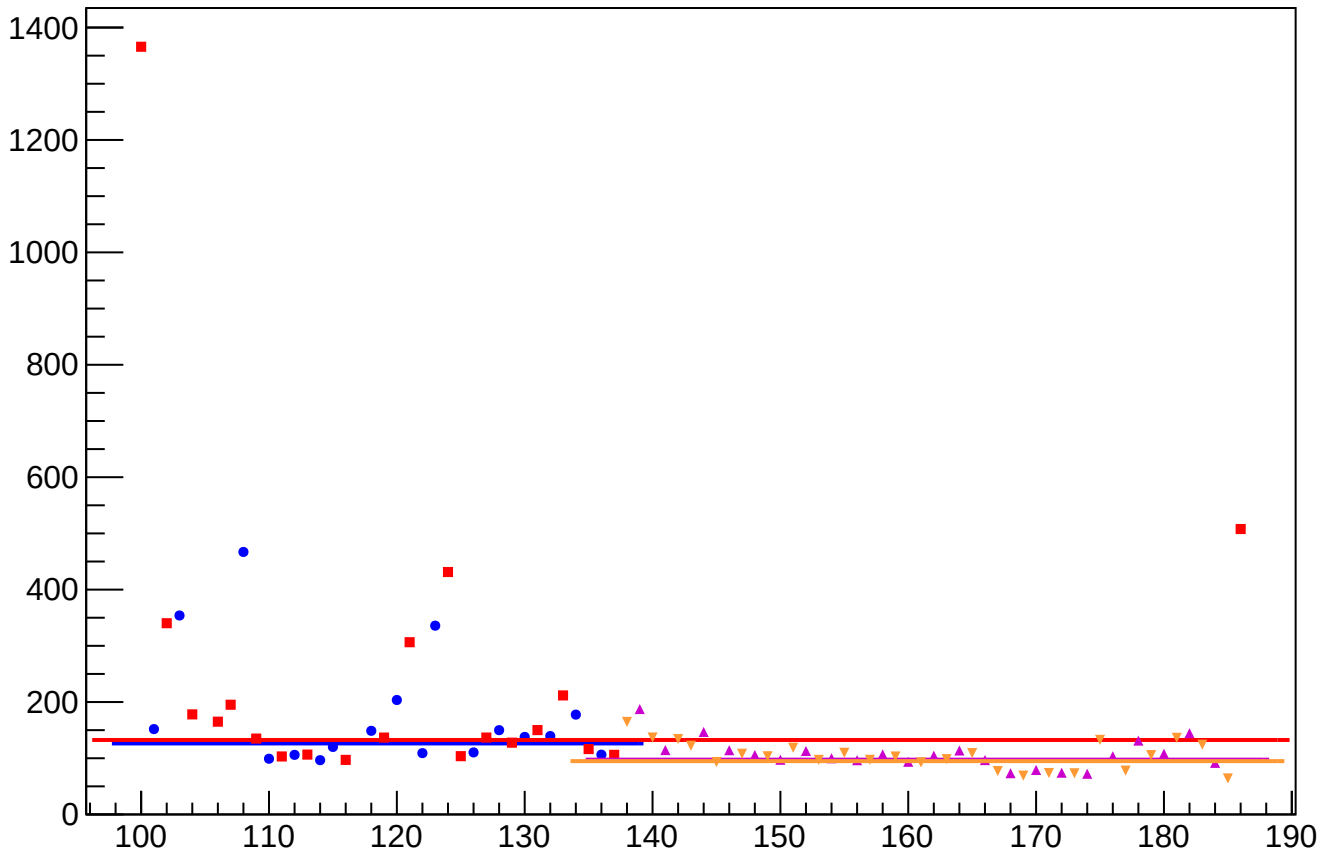
Left In: -82.630+/-24.154 χ^2/NDF : 28.6/22

+ sign 48.429+/-21.055 χ^2/NDF : 51.1/41

All: -12.576+/-15.206 χ^2/NDF : 114.6/84

- sign -79.076+/-21.983 χ^2/NDF : 45.9/42

dit_asym_sam3_rms vs Slug



Right In: 126.339 ± 0.037 $\chi^2/\text{NDF}: 1310585.0/16$

Left Out: 94.886 ± 0.016 $\chi^2/\text{NDF}: 1796861.0/24$

Right Out: 132.505 ± 0.038 $\chi^2/\text{NDF}: 1828722.4/19$

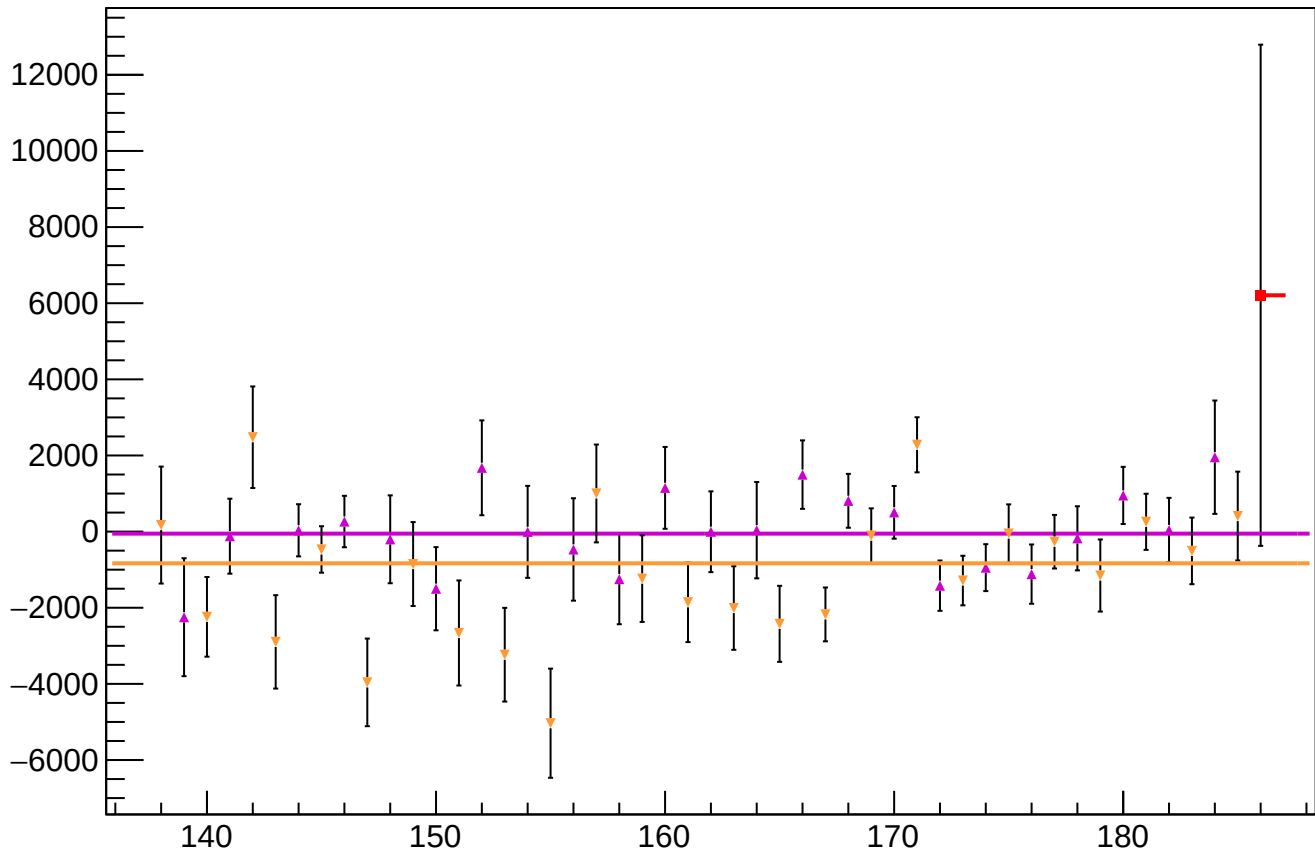
Left In: 97.499 ± 0.017 $\chi^2/\text{NDF}: 1561333.1/22$

+ sign 100.062 ± 0.015 $\chi^2/\text{NDF}: 3720961.7/41$

All: 101.710 ± 0.011 $\chi^2/\text{NDF}: 7857793.9/84$

- sign 103.508 ± 0.016 $\chi^2/\text{NDF}: 4111199.0/42$

asym_sam3_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -832.580+/-183.960 χ^2/NDF : 68.8/24

Right Out: 6208.527+/-6583.370 χ^2/NDF : 0.0/0

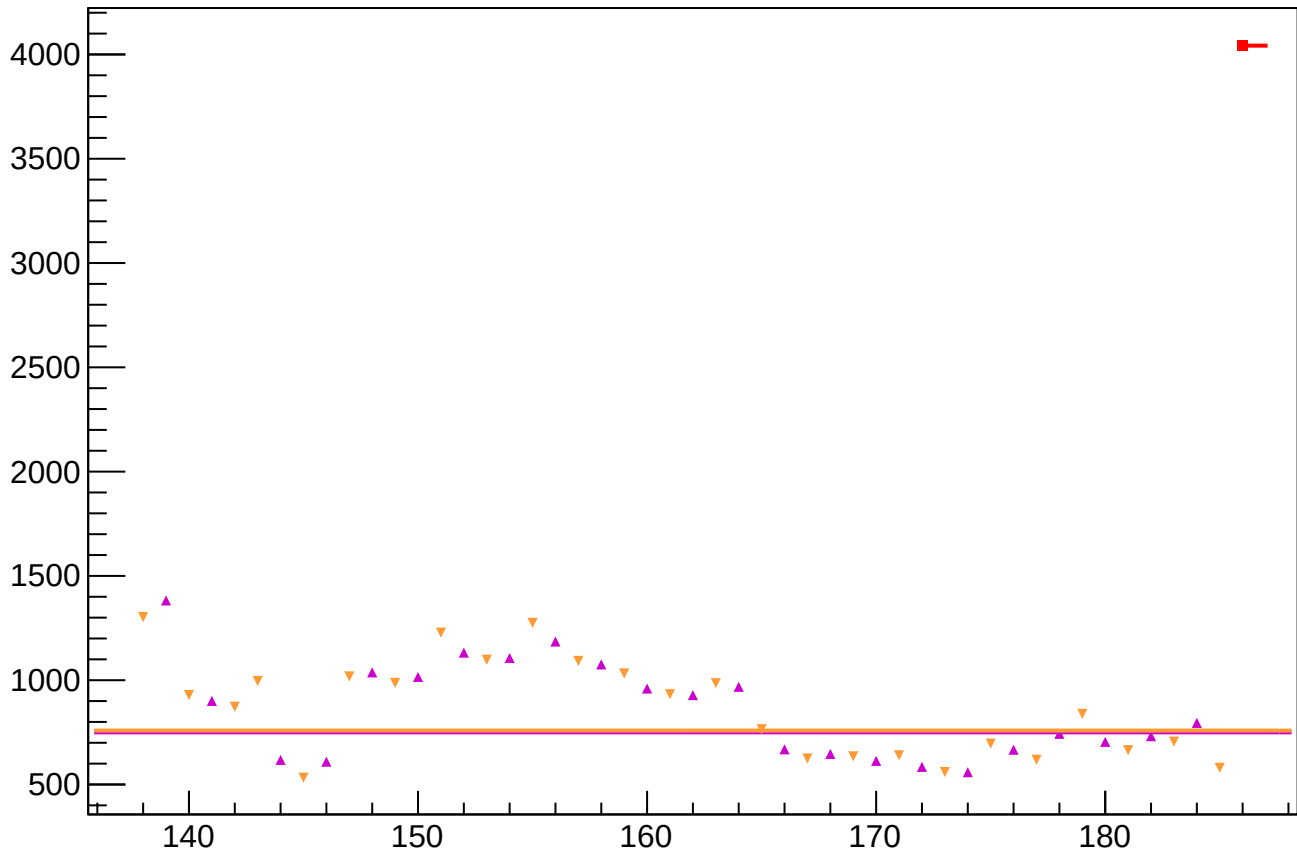
Left In: -53.006+/-184.870 χ^2/NDF : 25.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -442.107+/-130.374 χ^2/NDF : 104.1/48

- sign -48.072+/-184.797 χ^2/NDF : 26.2/23

asym_sam3_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 758.608+/-0.130 χ^2/NDF : 2453711.9/24

Right Out: 4042.218+/-4.655 χ^2/NDF : 0.0/0

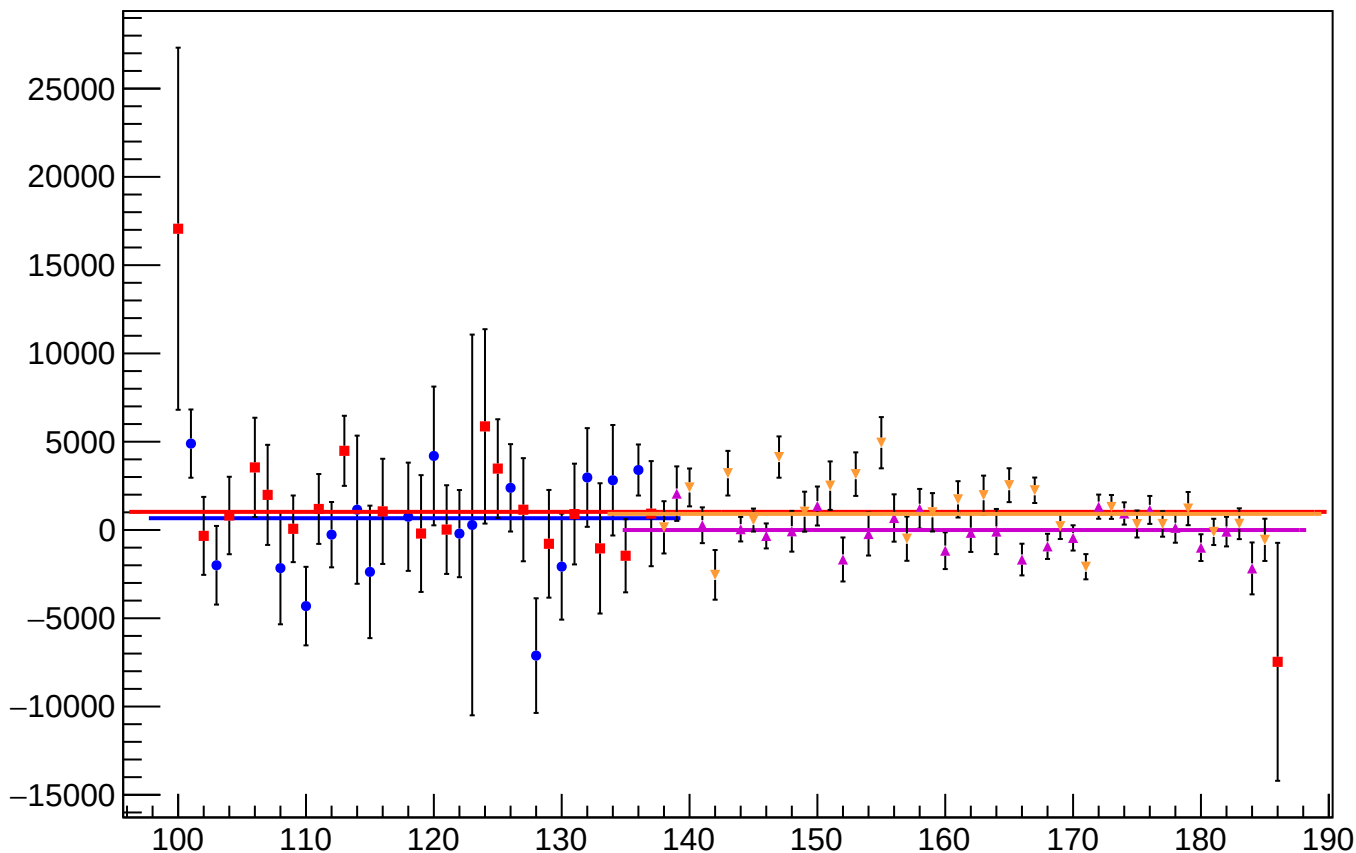
Left In: 749.995+/-0.131 χ^2/NDF : 2186634.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.612+/-0.092 χ^2/NDF : 5141180.8/48

- sign 752.589+/-0.131 χ^2/NDF : 2686403.5/23

asym_sam3_mean vs Slug



Right In: 666.453 ± 618.839 χ^2/NDF : 25.6/16

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

Right Out: 1026.341 ± 600.244 χ^2/NDF : 12.6/19

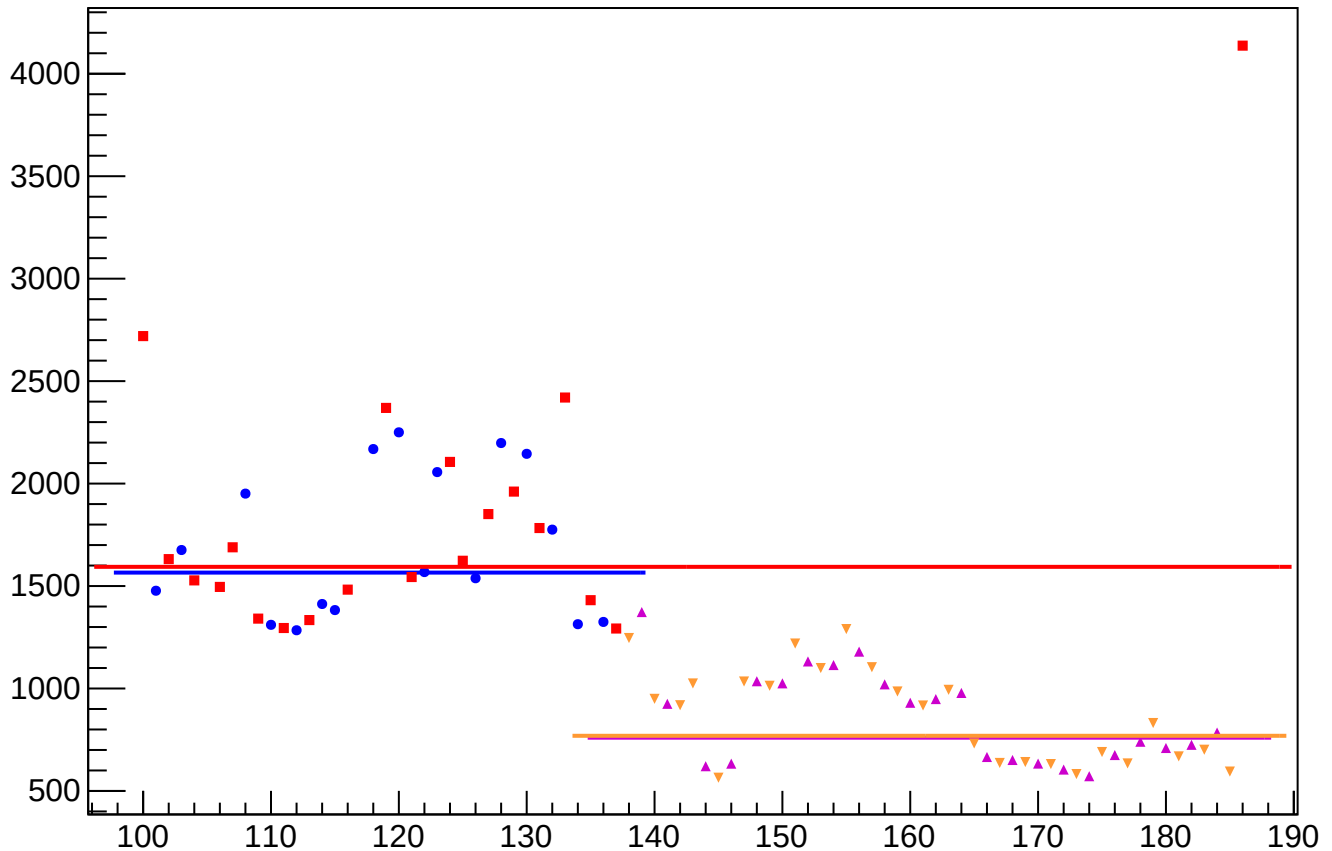
Left In: -2.470 ± 187.271 χ^2/NDF : 25.6/22

+ sign 891.561 ± 178.220 χ^2/NDF : 90.7/41

All: 491.418 ± 126.215 χ^2/NDF : 141.7/84

- sign 88.791 ± 178.772 χ^2/NDF : 40.9/42

asym_sam3_rms vs Slug



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 769.207 $\pm$ 0.132 χ^2 /NDF: 2275390.6/24

Right Out: 1593.709 $\pm$ 0.424 χ^2 /NDF: 749262.5/19

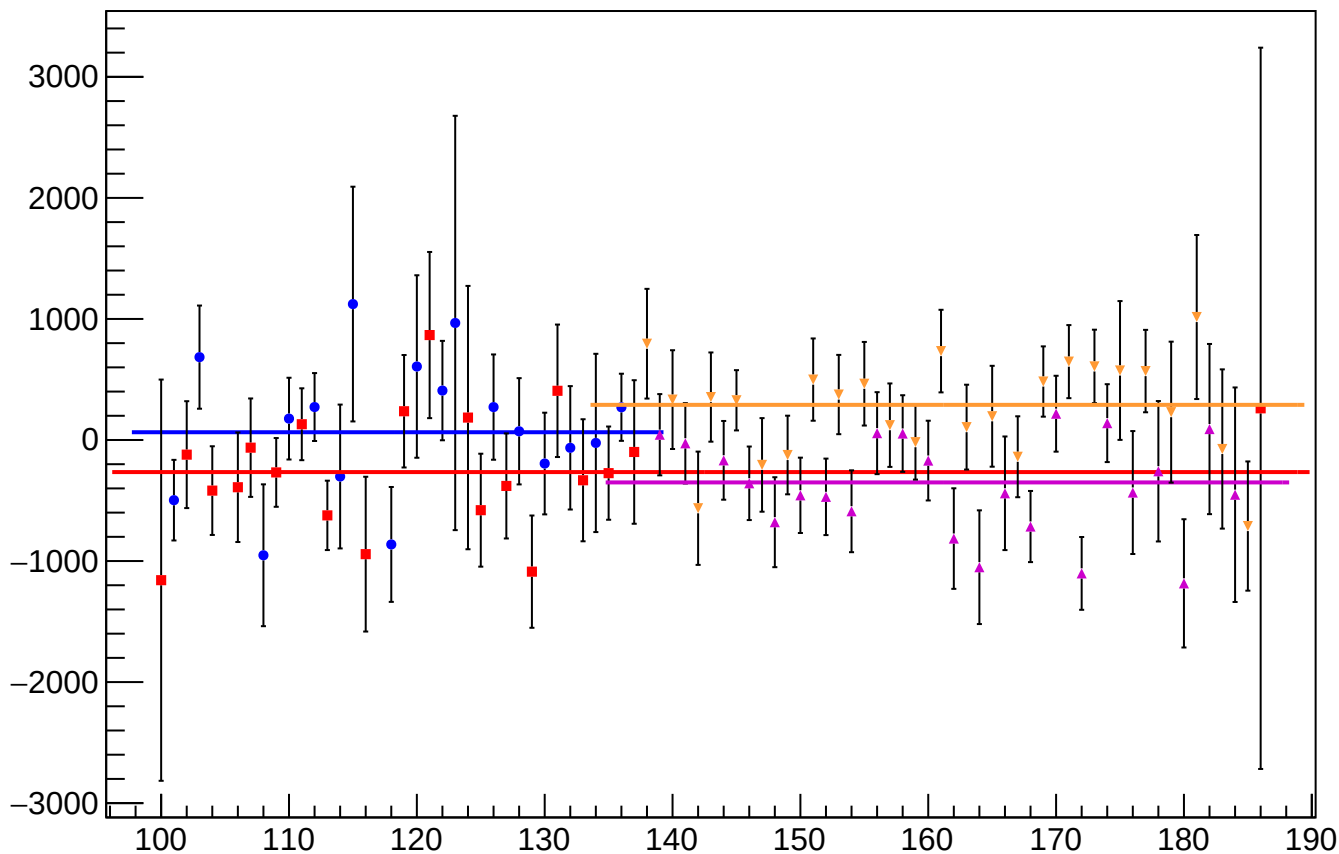
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ sign 835.261 $\pm$ 0.126 χ^2 /NDF: 5803931.9/41

All: 834.580 $\pm$ 0.089 χ^2 /NDF: 12084616.9/84

- sign 833.895 $\pm$ 0.126 χ^2 /NDF: 6280626.5/42

dit_asym_sam4_mean vs Slug



Right In: 64.087 ± 105.336 χ^2/NDF : 16.8/16

Left Out: 290.293 ± 72.910 χ^2/NDF : 22.3/24

Right Out: -265.075 ± 99.324 χ^2/NDF : 14.7/19

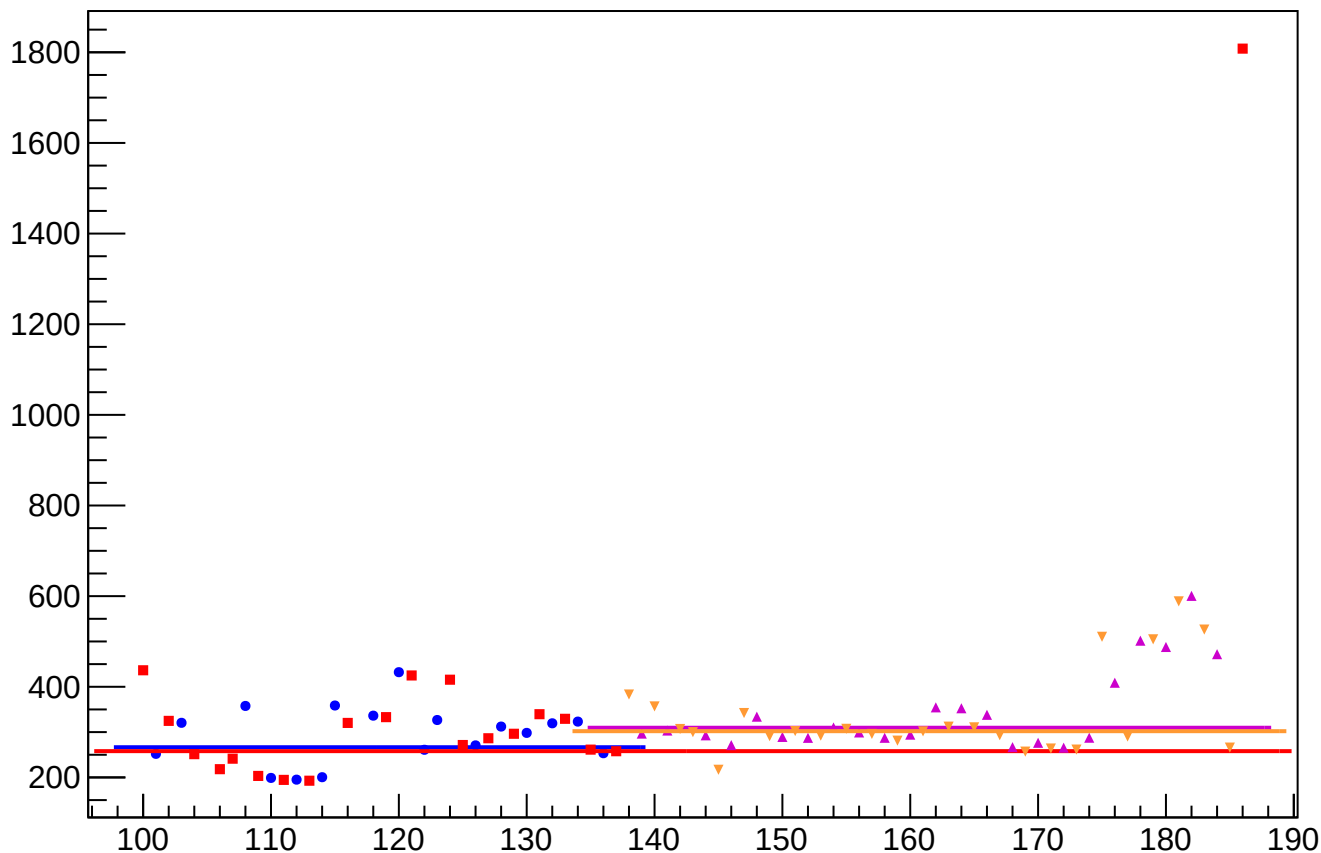
Left In: -350.522 ± 75.911 χ^2/NDF : 27.4/22

+ sign 217.023 ± 59.950 χ^2/NDF : 42.2/41

All: -49.378 ± 42.519 χ^2/NDF : 124.5/84

- sign -319.015 ± 60.313 χ^2/NDF : 42.6/42

dit_asym_sam4_rms vs Slug



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

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

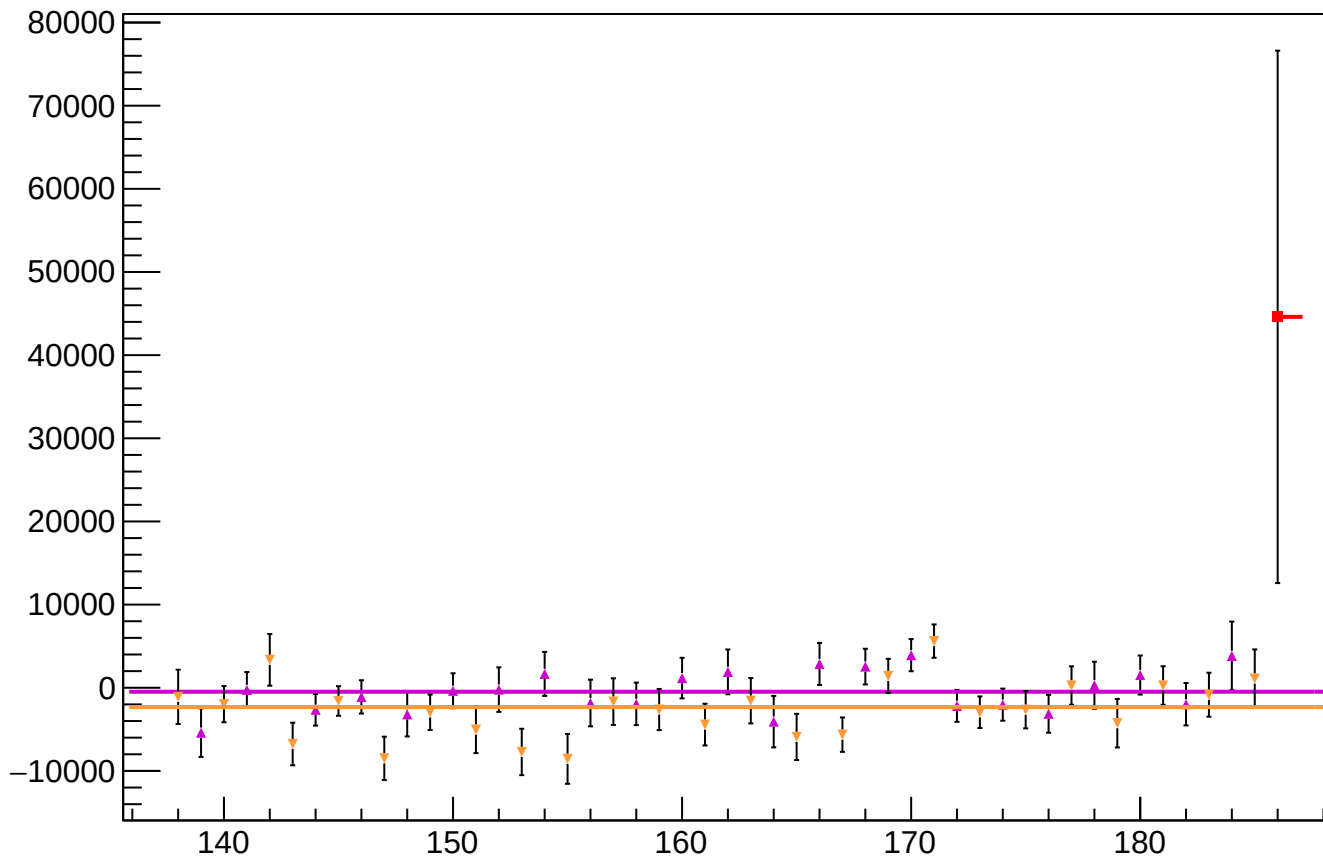
Left In: 309.609 $\pm$ 0.054 χ^2 /NDF: 1180280.8/22

+ sign 290.569 $\pm$ 0.042 χ^2 /NDF: 2300840.9/41

All: 290.573 $\pm$ 0.030 χ^2 /NDF: 5060939.0/84

- sign 290.577 $\pm$ 0.043 χ^2 /NDF: 2760098.1/42

asym_sam4_correction_mean vs Slug



Right In: 0.000+/-0.000 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

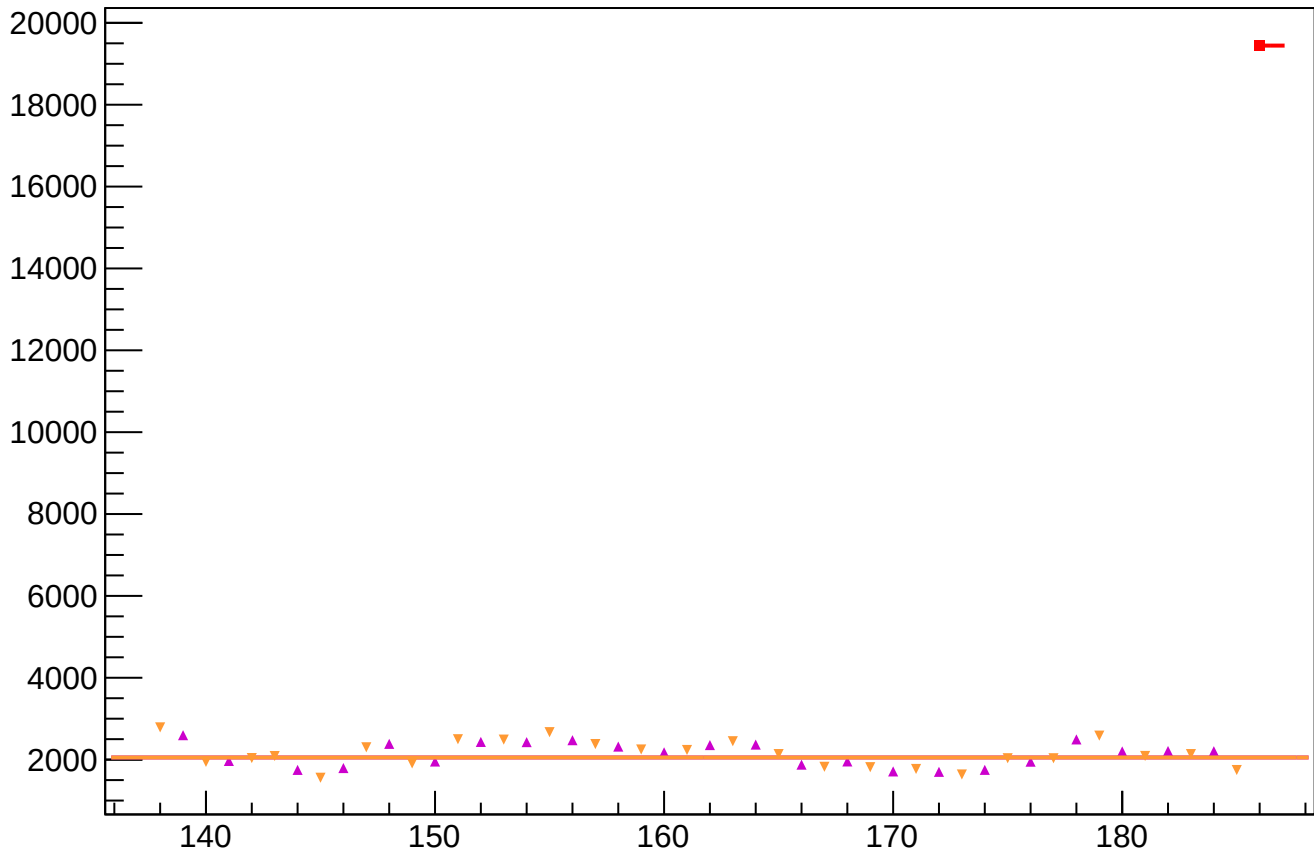
Left In: -477.779+/-494.228 χ^2/NDF : 23.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1411.668+/-346.522 χ^2/NDF : 82.1/48

- sign -467.037+/-494.169 χ^2/NDF : 25.0/23

asym_sam4_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2052.401+/-0.344 χ^2/NDF : 838023.2/24

Right Out: 19444.421+/-22.637 χ^2/NDF : 0.0/0

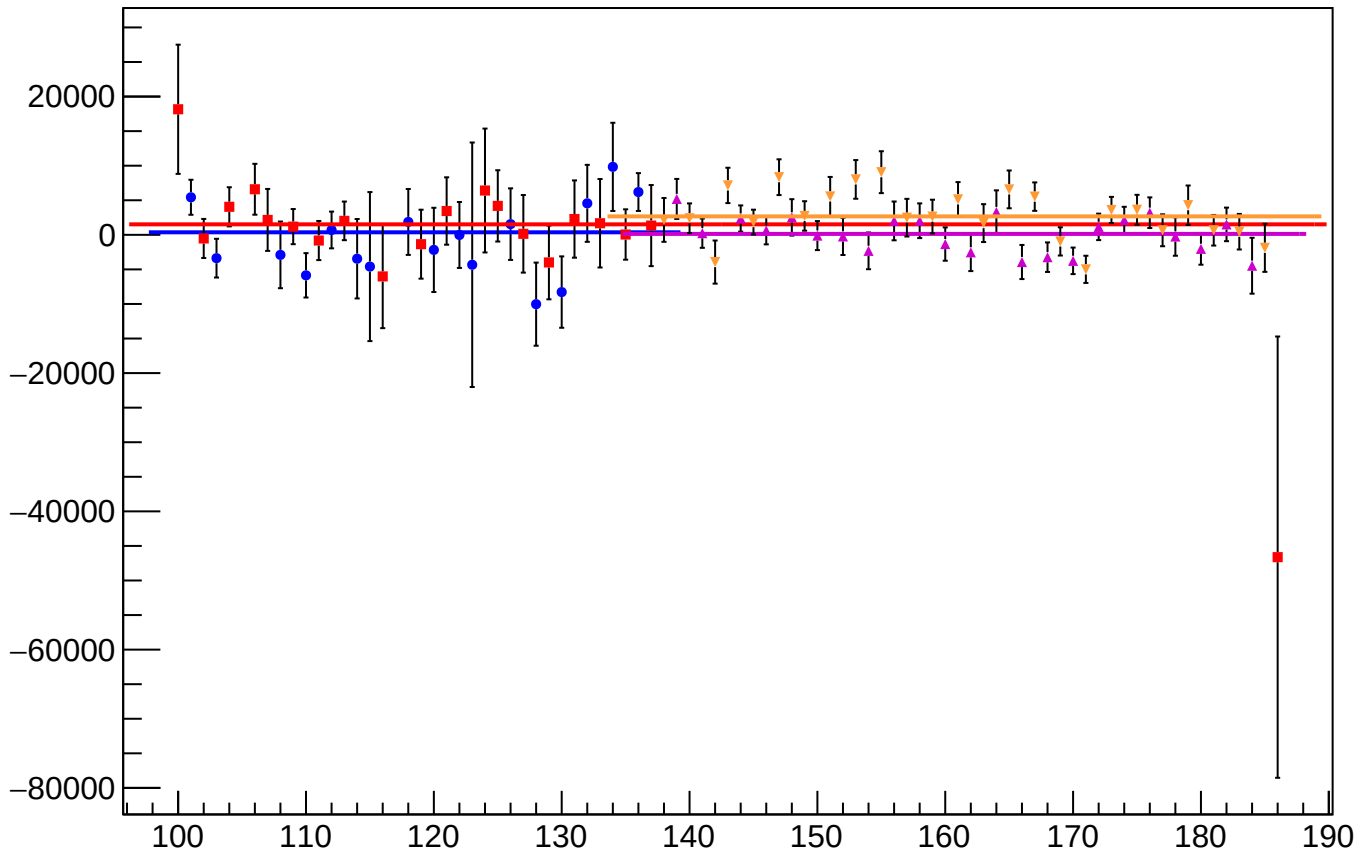
Left In: 2052.384+/-0.349 χ^2/NDF : 653872.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.430+/-0.245 χ^2/NDF : 2082135.4/48

- sign 2056.528+/-0.349 χ^2/NDF : 1244041.4/23

asym_sam4_mean vs Slug



Right In: 366.454 ± 992.480 χ^2/NDF : 24.2/16

Left Out: 2667.050 ± 480.963 χ^2/NDF : 50.0/24

Right Out: 1517.038 ± 923.616 χ^2/NDF : 12.8/19

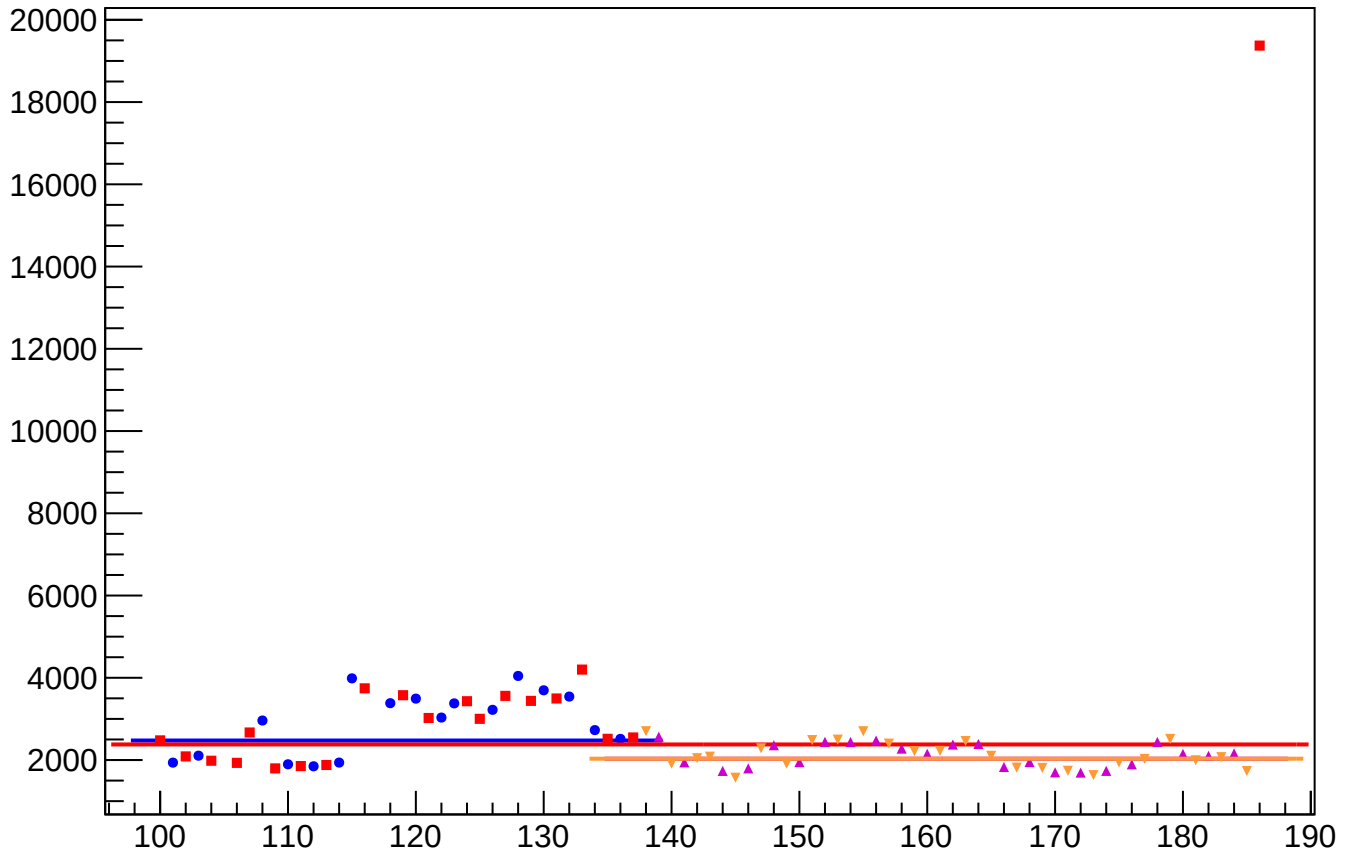
Left In: 132.307 ± 489.752 χ^2/NDF : 24.7/22

+ sign 2229.520 ± 432.818 χ^2/NDF : 78.5/41

All: 1332.588 ± 306.002 χ^2/NDF : 126.4/84

- sign 436.205 ± 432.686 χ^2/NDF : 39.3/42

asym_sam4_rms vs Slug



Right In: 2474.389 $\pm$ 0.702 χ^2 /NDF: 906262.1/16

Left Out: 2032.502 $\pm$ 0.340 χ^2 /NDF: 824418.6/24

Right Out: 2378.751 $\pm$ 0.653 χ^2 /NDF: 1590933.9/19

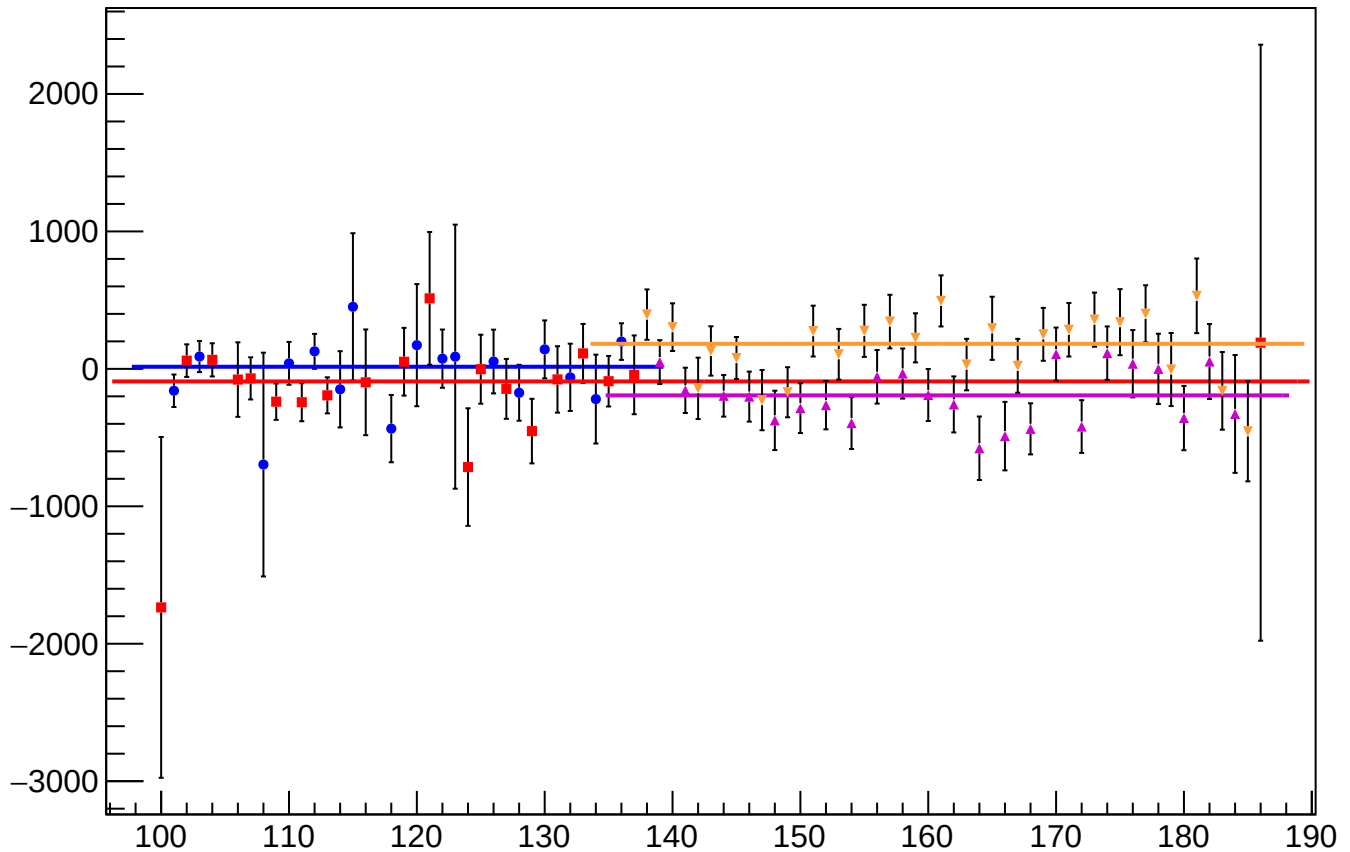
Left In: 2031.692 $\pm$ 0.346 χ^2 /NDF: 653382.0/22

+ sign 2116.541 $\pm$ 0.306 χ^2 /NDF: 2051748.0/41

All: 2112.198 $\pm$ 0.216 χ^2 /NDF: 4516884.7/84

- sign 2107.859 $\pm$ 0.306 χ^2 /NDF: 2464734.2/42

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 182.238+/-40.102 χ^2/NDF : 26.9/24

Right Out: -91.521+/-43.310 χ^2/NDF : 15.7/19

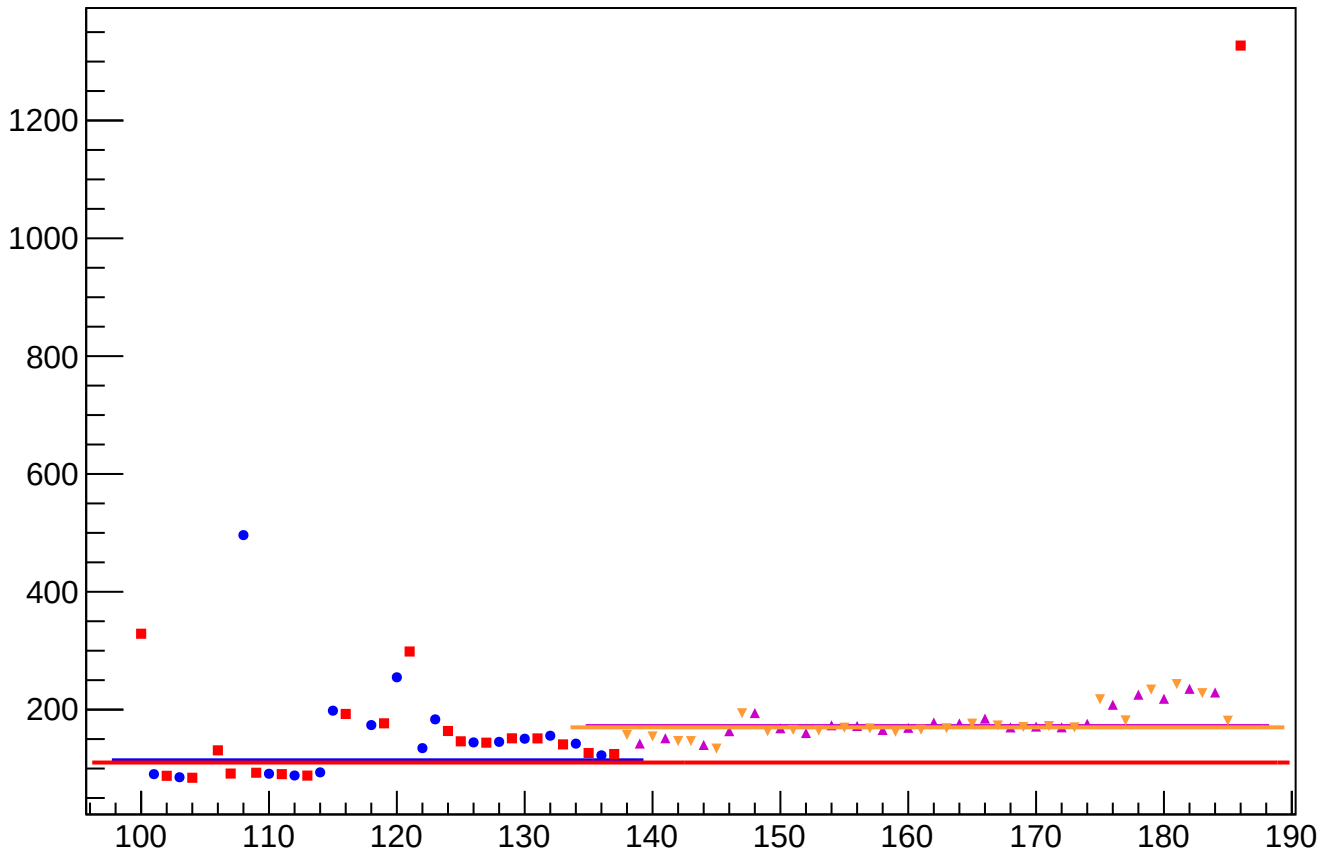
Left In: -193.004+/-41.384 χ^2/NDF : 21.1/22

+ sign 110.937+/-30.353 χ^2/NDF : 46.9/41

All: -18.647+/-21.308 χ^2/NDF : 122.4/84

- sign -144.568+/-29.921 χ^2/NDF : 39.6/42

dit_asym_sam5_rms vs Slug



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

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

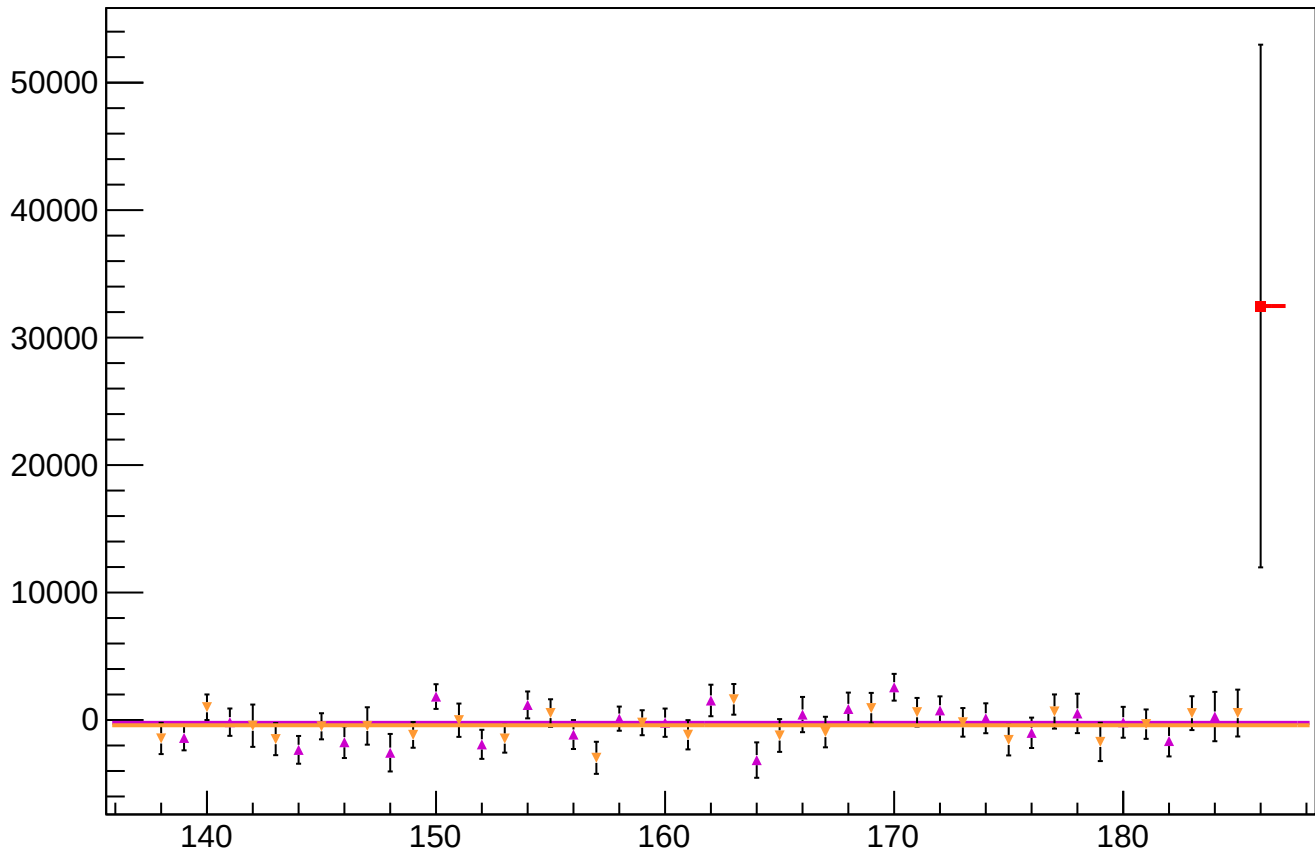
Left In: 172.065 $\pm$ 0.029 χ^2 /NDF: 589733.9/22

+ sign 145.998 $\pm$ 0.021 χ^2 /NDF: 3735274.6/41

All: 144.242 $\pm$ 0.015 χ^2 /NDF: 8343960.0/84

- sign 142.536 $\pm$ 0.021 χ^2 /NDF: 4595484.8/42

asym_sam5_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -412.804+/-240.278 χ^2/NDF : 19.0/24

Right Out: 32476.983+/-20502.790 χ^2/NDF : 0.0/0

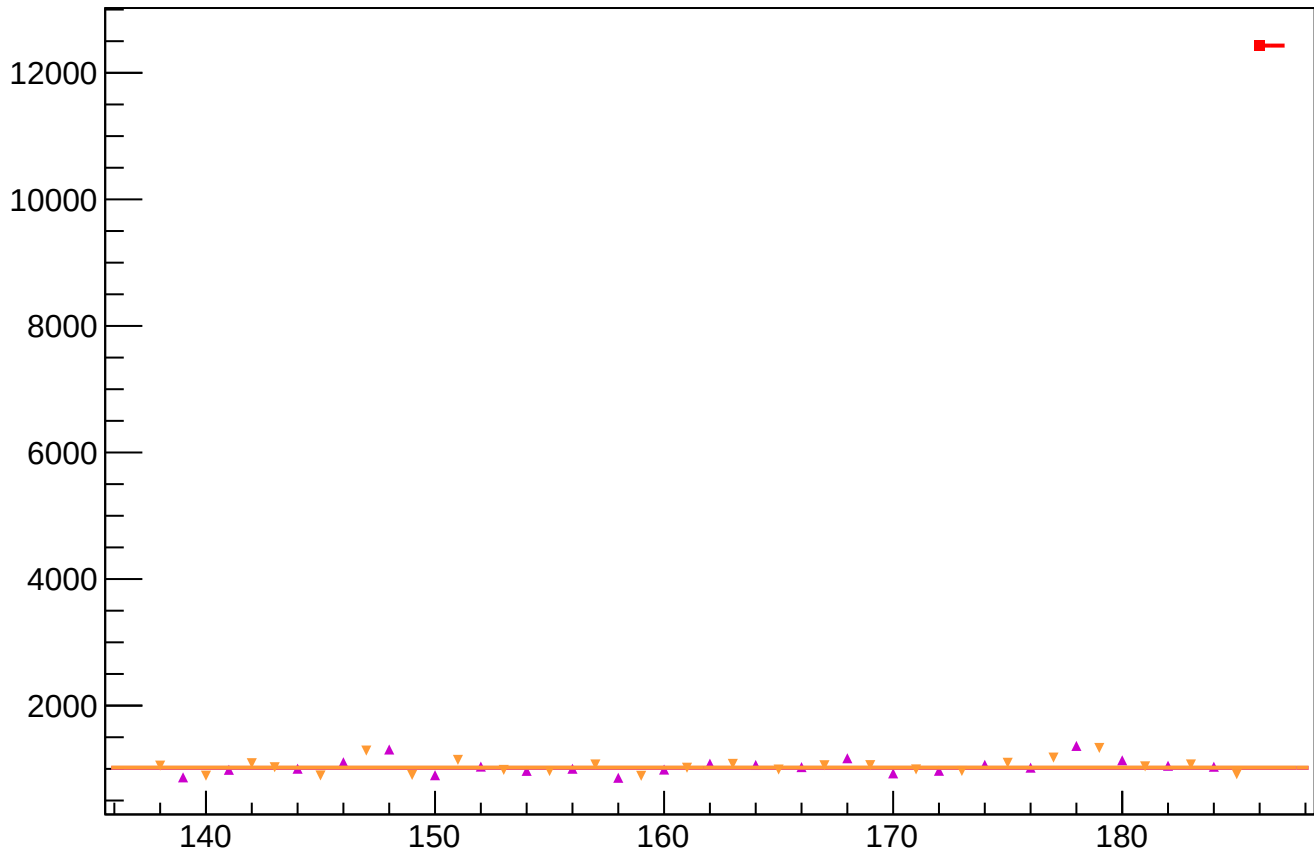
Left In: -223.332+/-243.771 χ^2/NDF : 36.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.151+/-171.118 χ^2/NDF : 57.9/48

- sign -218.710+/-243.754 χ^2/NDF : 38.5/23

asym_sam5_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 12430.459+/-14.498 χ^2/NDF : 0.0/0

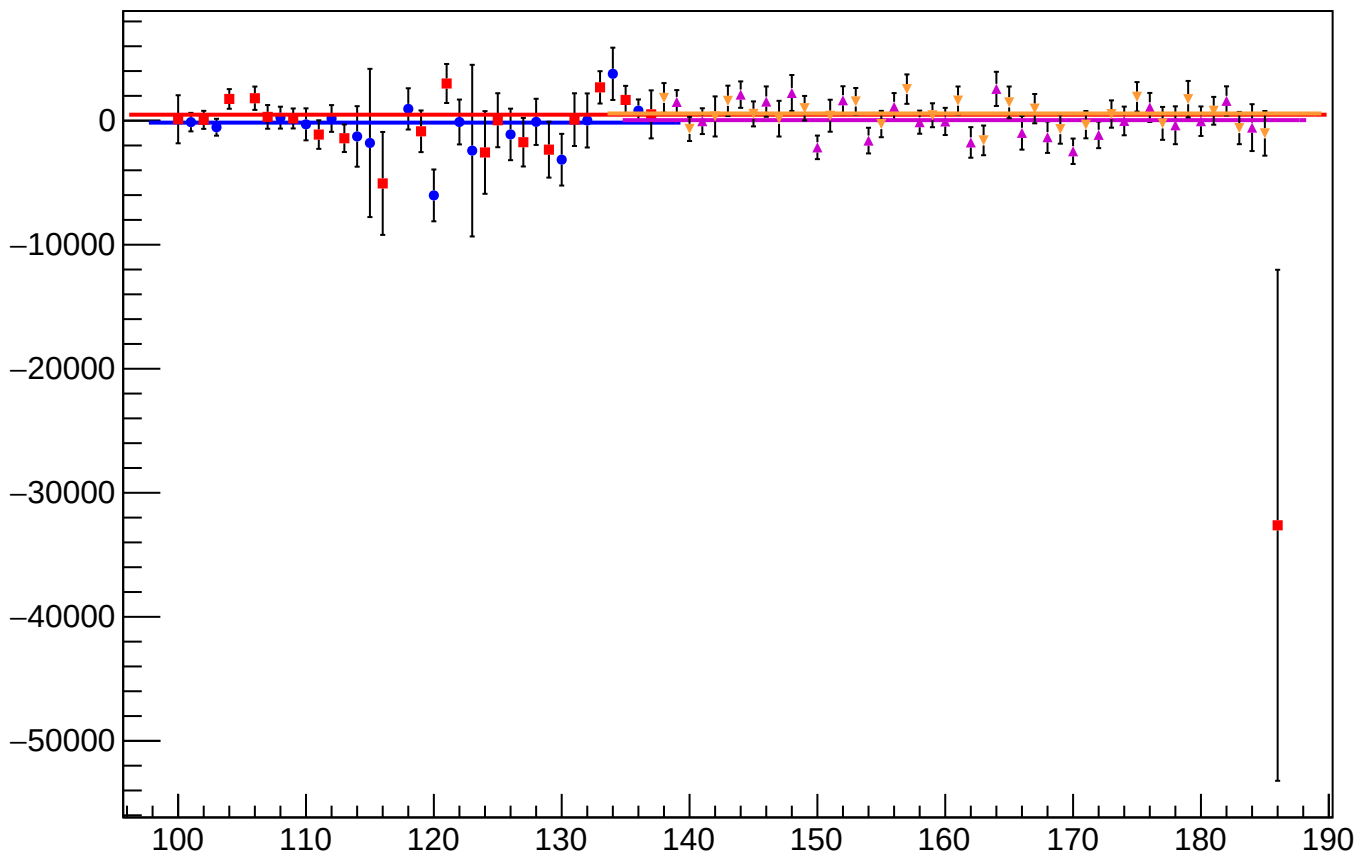
Left In: 1015.000+/-0.172 χ^2/NDF : 404865.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1018.406+/-0.121 χ^2/NDF : 1394856.8/48

- sign 1016.613+/-0.172 χ^2/NDF : 1024776.6/23

asym_sam5_mean vs Slug



Right In: -157.178 $\pm$ 312.499 χ^2 /NDF: 16.2/16

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

Right Out: 482.346 $\pm$ 282.732 χ^2 /NDF: 25.2/19

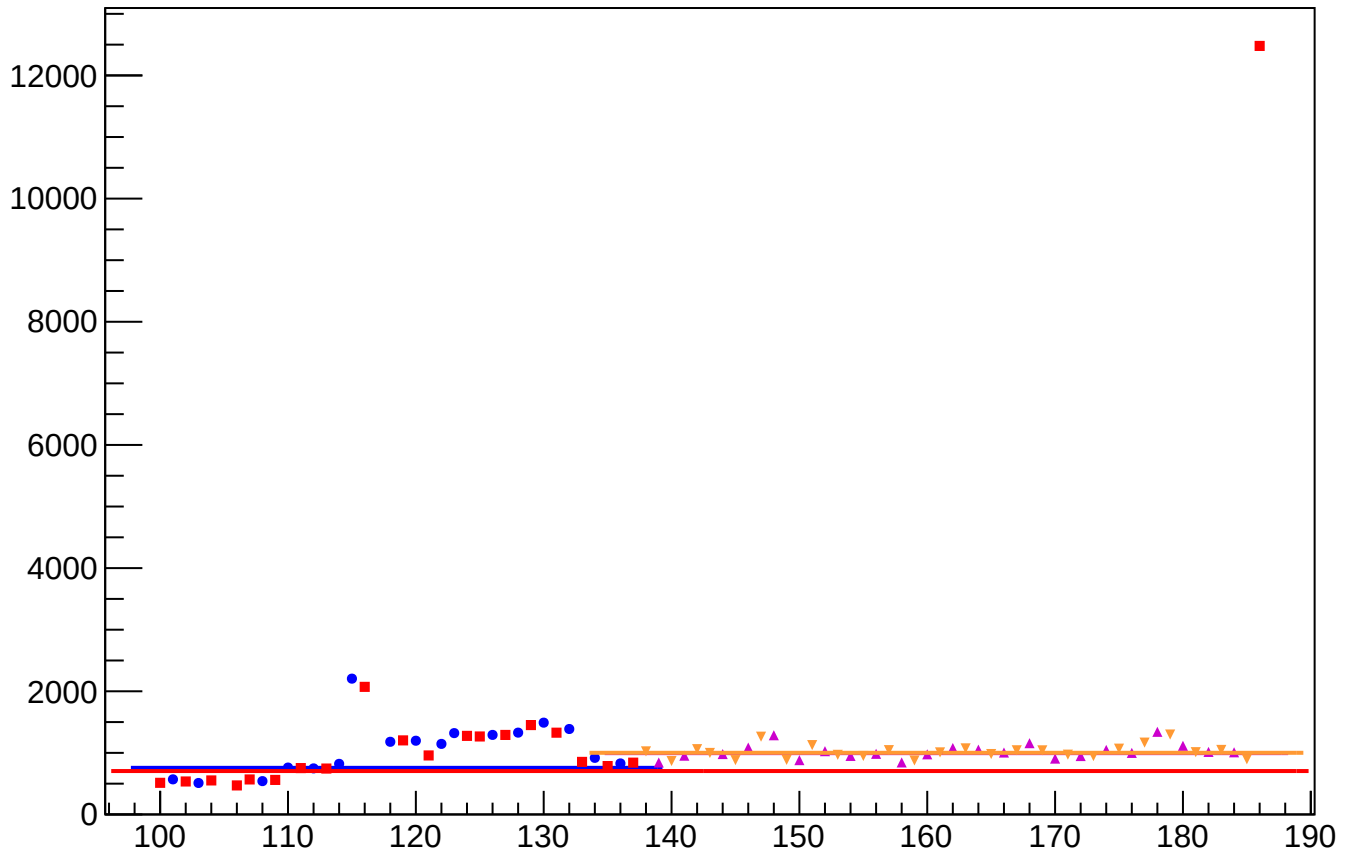
Left In: 42.397 $\pm$ 239.278 χ^2 /NDF: 37.9/22

+ sign 313.010 $\pm$ 188.117 χ^2 /NDF: 38.2/41

All: 268.222 $\pm$ 131.042 χ^2 /NDF: 102.8/84

- sign 226.001 $\pm$ 182.648 χ^2 /NDF: 64.5/42

asym_sam5_rms vs Slug



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

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

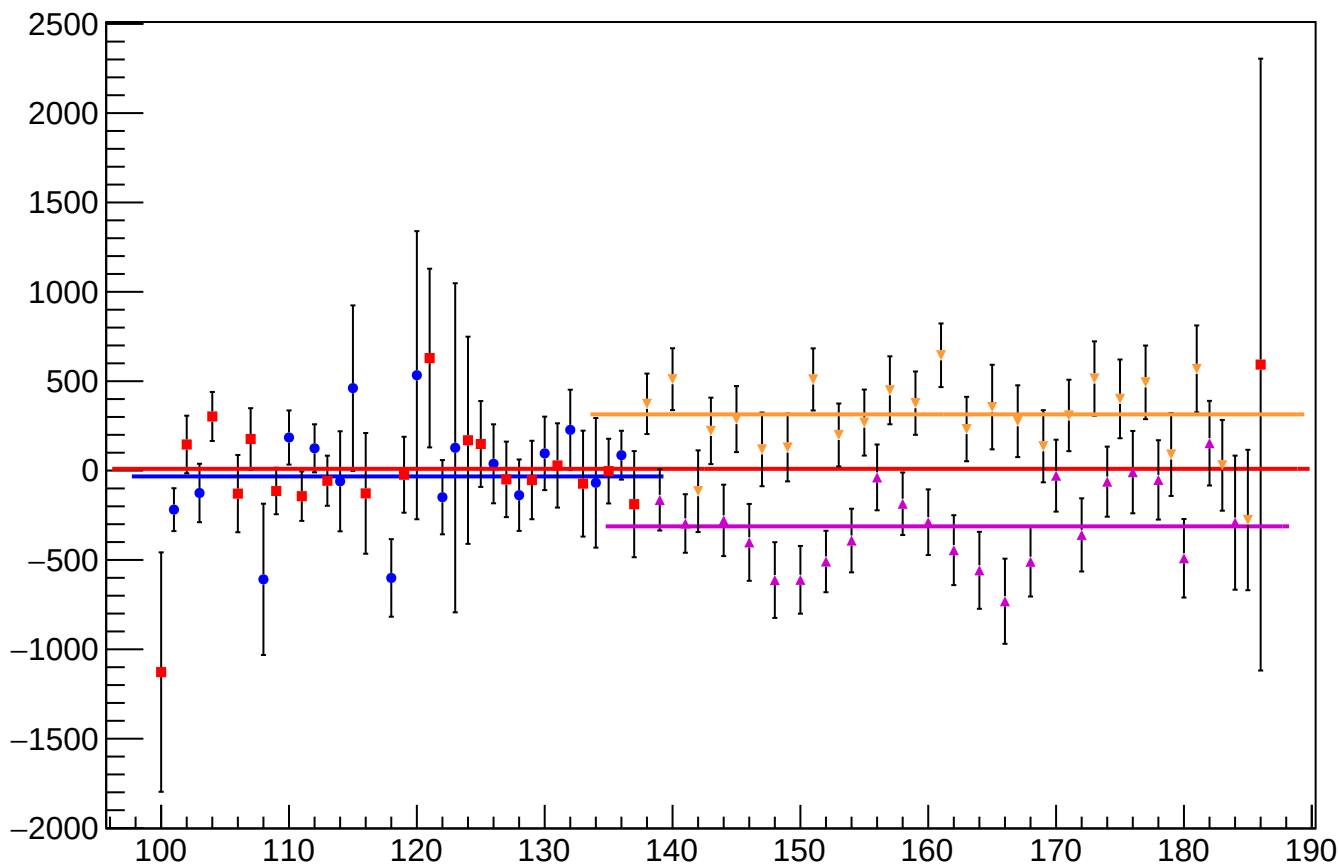
Left In: 995.590 $\pm$ 0.169 χ^2 /NDF: 424434.6/22

+ sign 912.724 $\pm$ 0.133 χ^2 /NDF: 2860603.5/41

All: 892.928 $\pm$ 0.093 χ^2 /NDF: 6903263.5/84

- sign 874.266 $\pm$ 0.129 χ^2 /NDF: 3999632.3/42

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 314.517 ± 39.818 χ^2/NDF : 21.4/24

Right Out: 9.690 ± 45.583 χ^2/NDF : 14.8/19

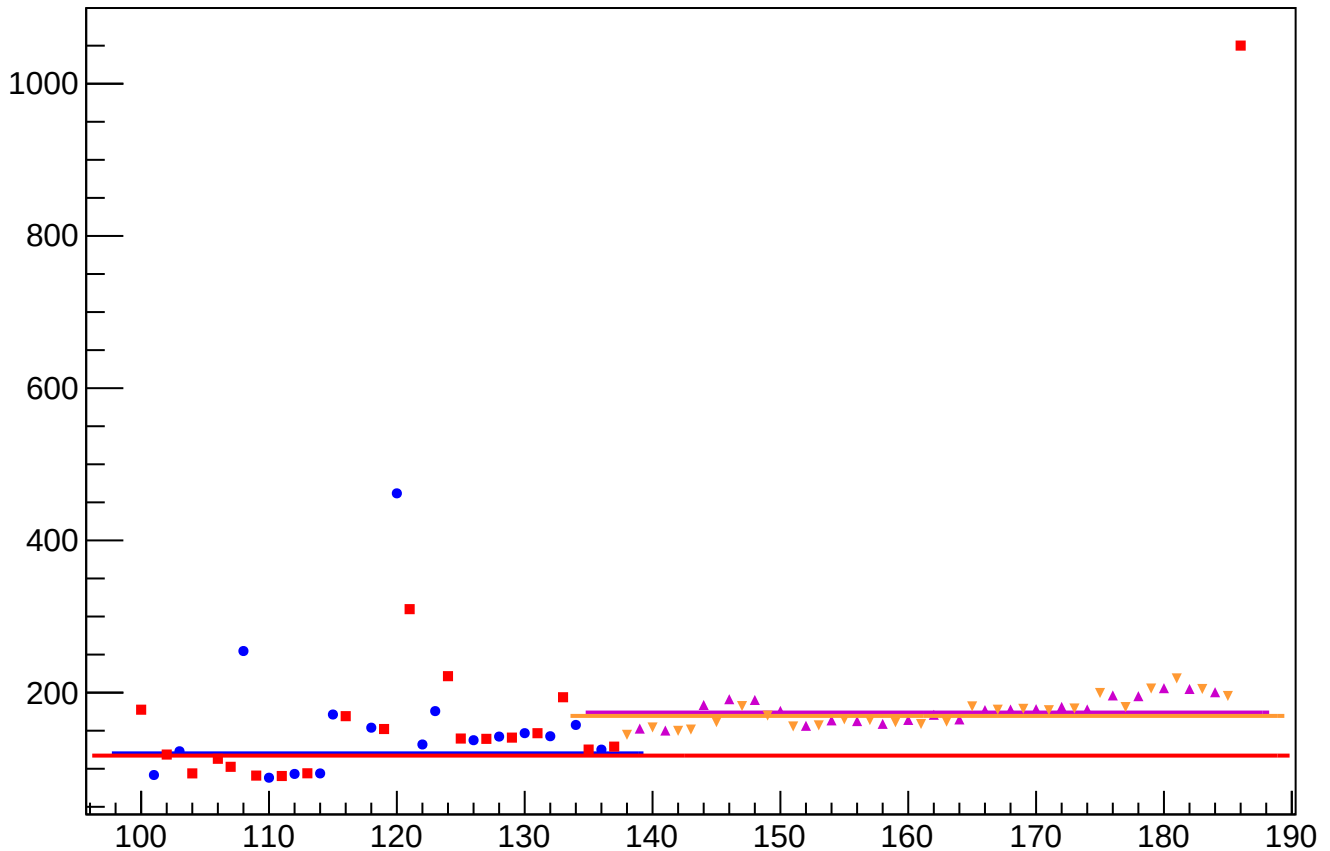
Left In: -312.097 ± 41.646 χ^2/NDF : 26.9/22

+ sign 174.481 ± 30.757 χ^2/NDF : 71.8/41

All: 4.327 ± 21.745 χ^2/NDF : 201.8/84

- sign -165.701 ± 30.746 χ^2/NDF : 68.9/42

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2/NDF : 1062326.6/16

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

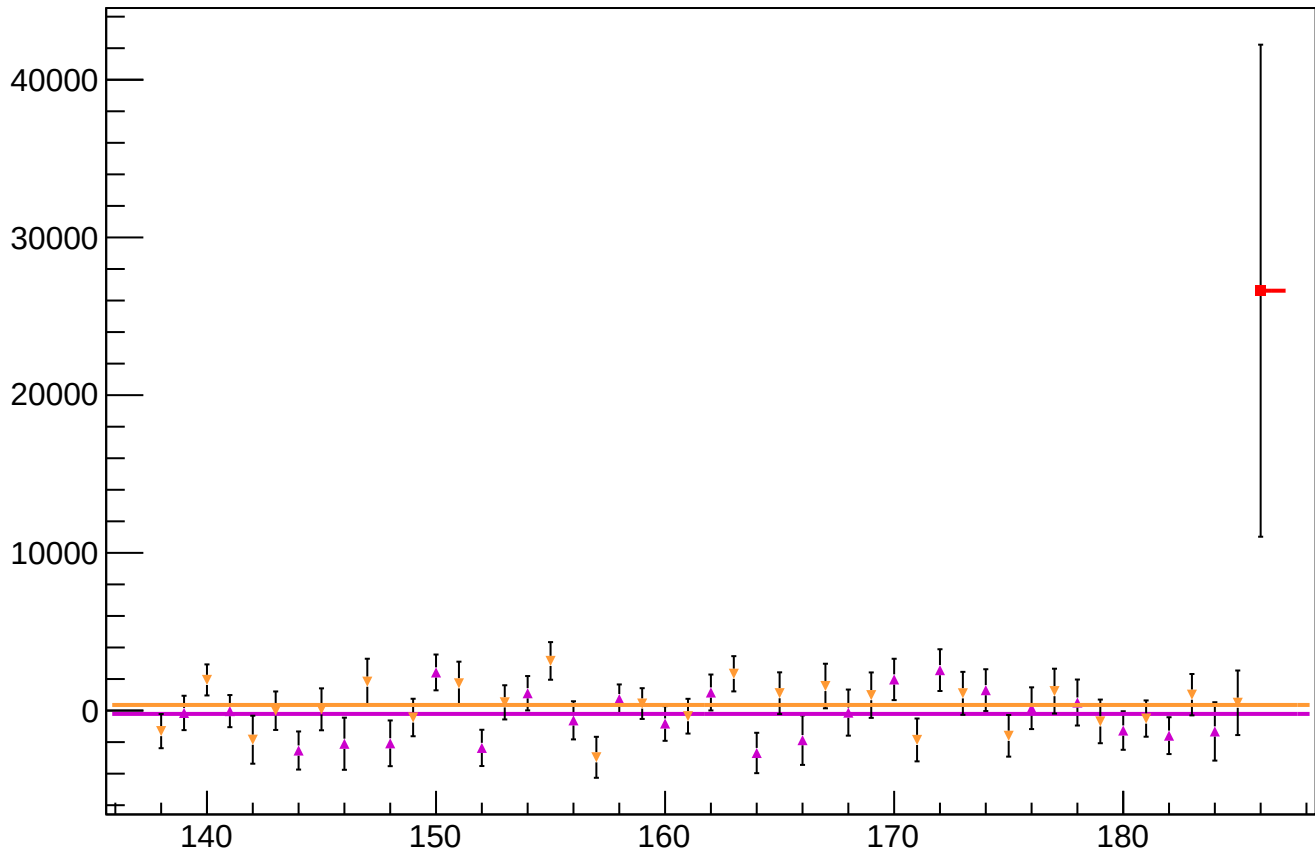
Left In: 173.847 $\pm$ 0.029 χ^2/NDF : 291729.8/22

+ sign 149.578 $\pm$ 0.022 χ^2/NDF : 2681590.6/41

All: 148.845 $\pm$ 0.015 χ^2/NDF : 6246738.0/84

- sign 148.112 $\pm$ 0.022 χ^2/NDF : 3562873.2/42

asym_sam6_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

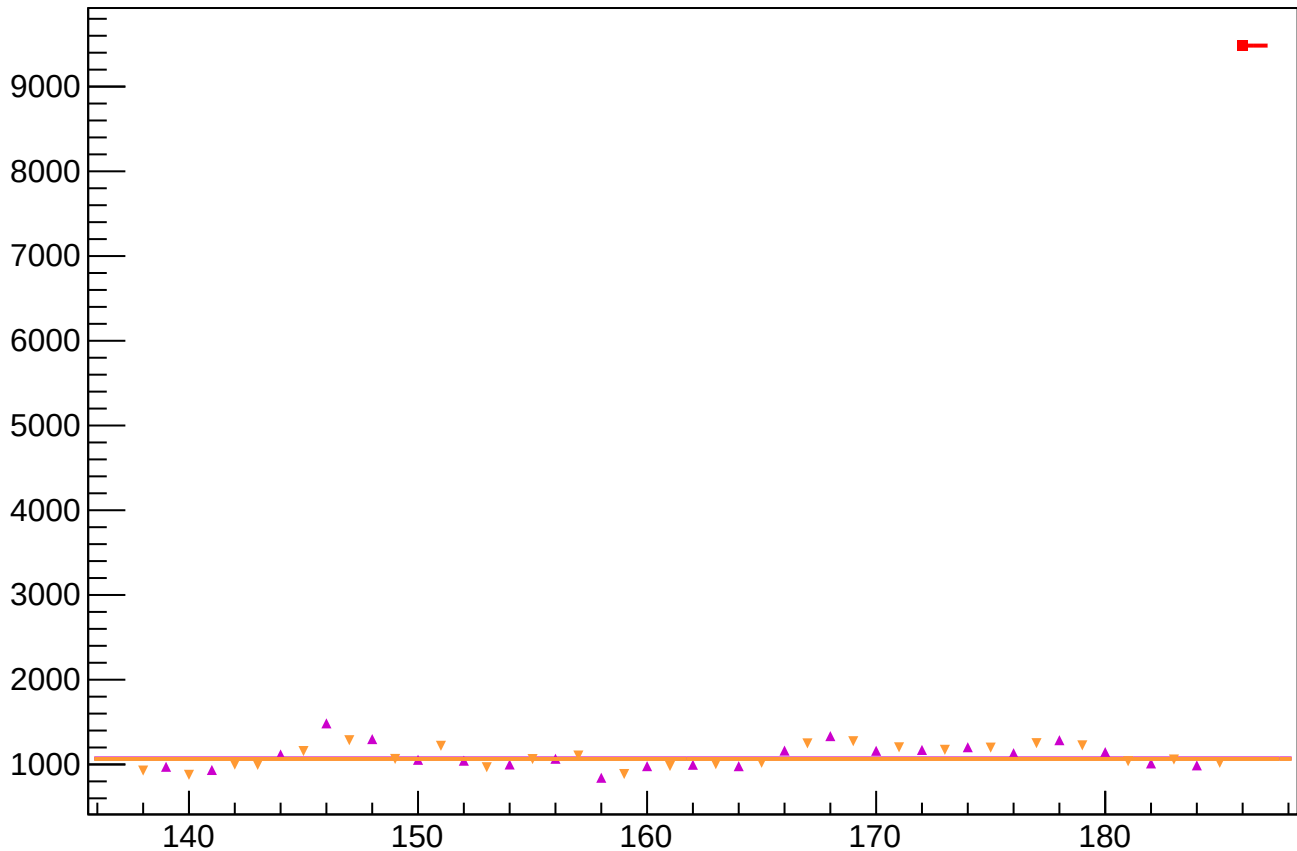
Left In: -212.007 $\pm$ 257.383 χ^2 /NDF:36.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.036 $\pm$ 179.662 χ^2 /NDF: 74.8/48

- sign -204.704 $\pm$ 257.348 χ^2 /NDF: 39.0/23

asym_sam6_correction_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

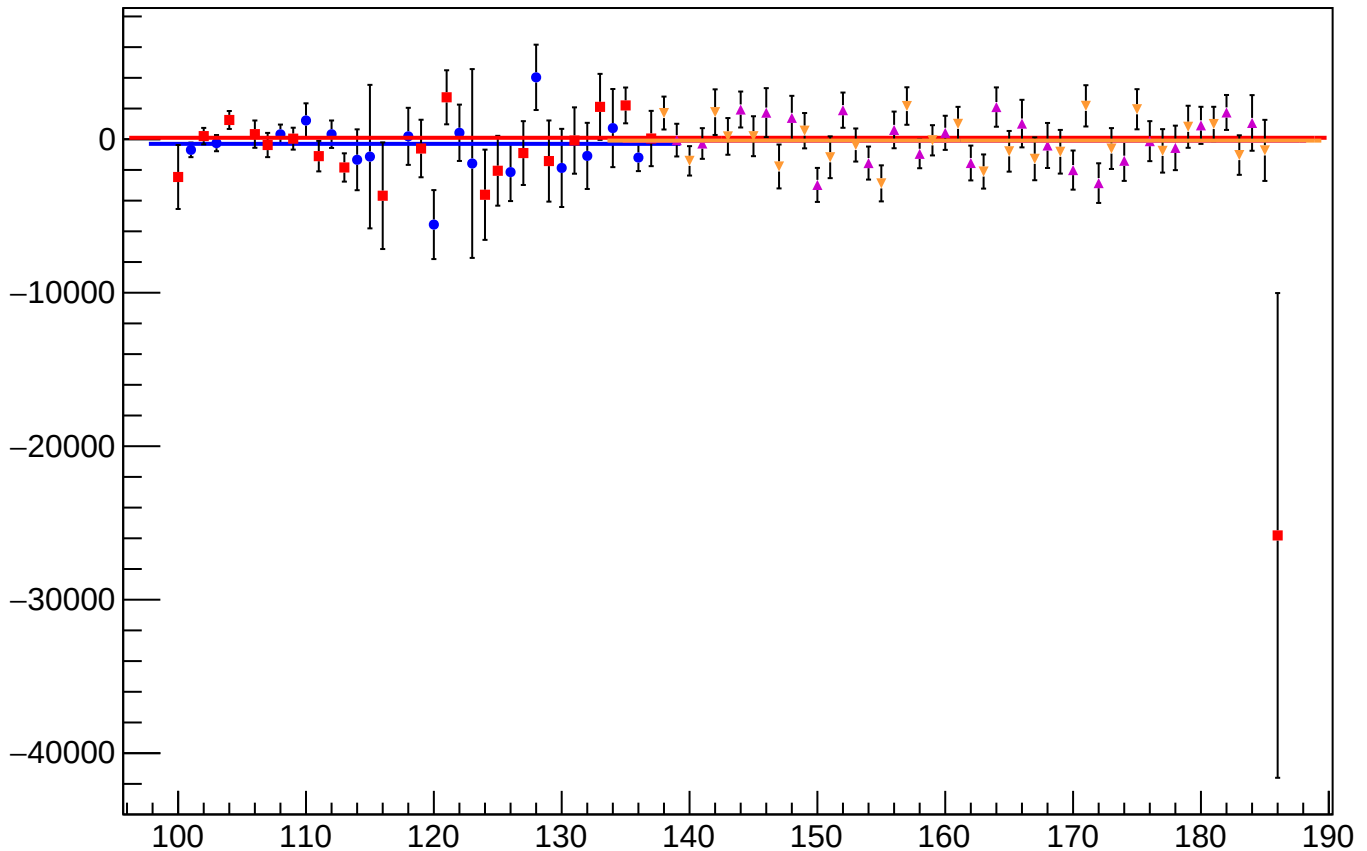
Left In: 1070.694 $\pm$ 0.182 χ^2 /NDF: 570407.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1068.823 $\pm$ 0.127 χ^2 /NDF: 1646534.7/48

- sign 1072.983 $\pm$ 0.182 χ^2 /NDF: 1151901.1/23

asym_sam6_mean vs Slug



Right In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Left Out: -89.632 ± 247.271 χ^2/NDF : 31.0/24

Right Out: 94.571 ± 245.951 χ^2/NDF : 25.2/19

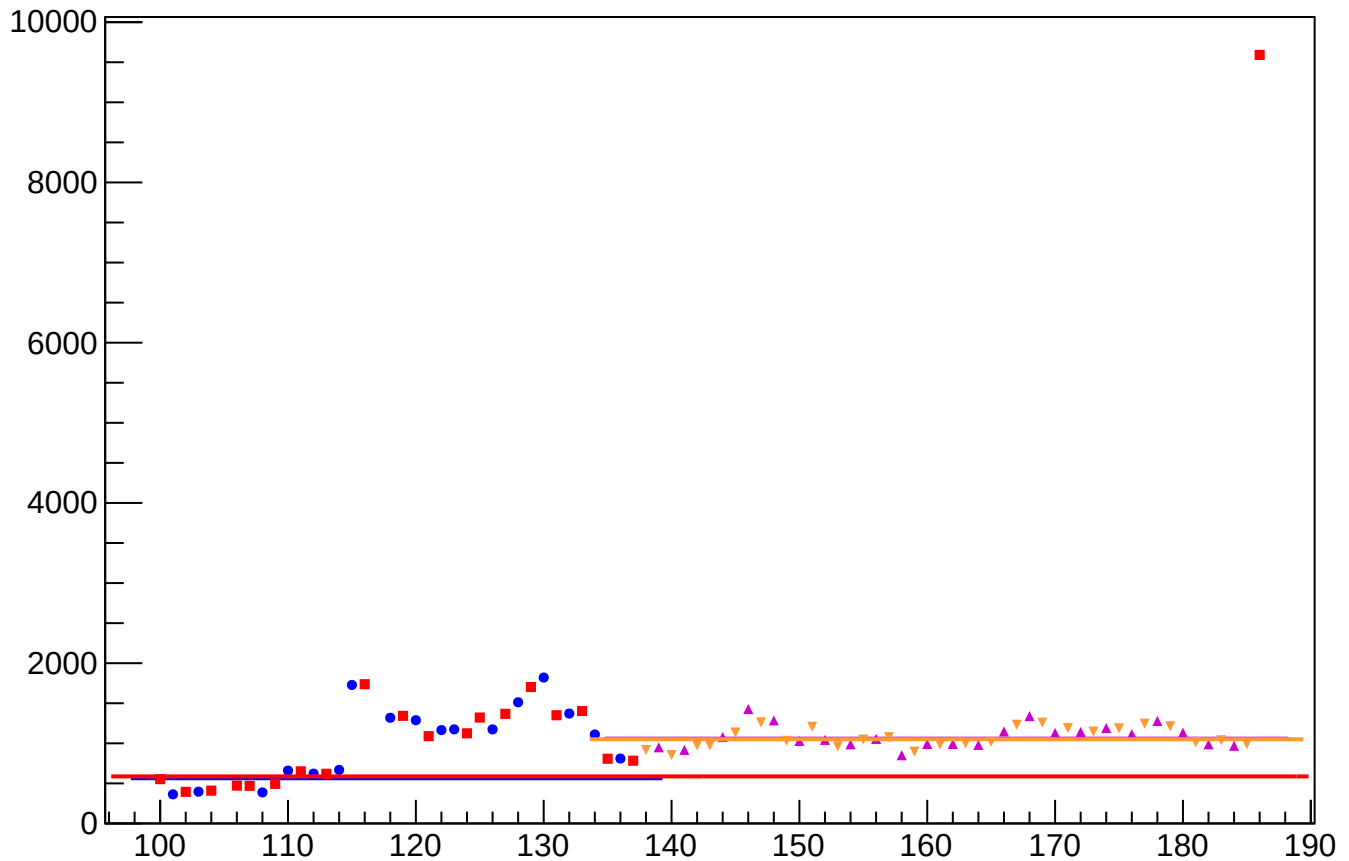
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ sign -194.138 ± 175.819 χ^2/NDF : 48.2/41

All: -99.954 ± 124.669 χ^2/NDF : 109.5/84

- sign -4.711 ± 176.804 χ^2/NDF : 60.7/42

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

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

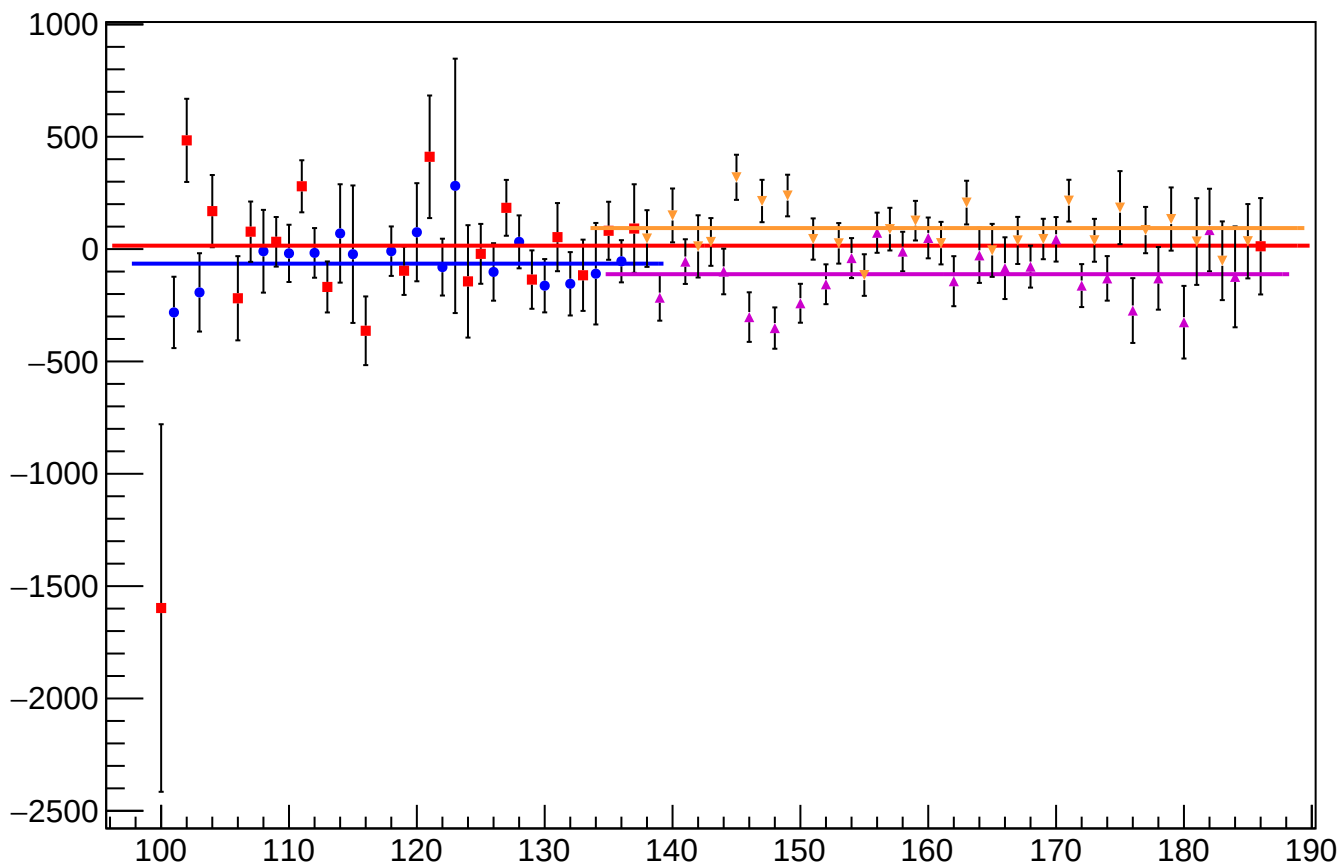
Left In: 1058.154 $\pm$ 0.180 χ^2 /NDF: 532260.0/22

+ sign 810.174 $\pm$ 0.124 χ^2 /NDF: 7579324.7/41

All: 812.481 $\pm$ 0.088 χ^2 /NDF: 15126384.8/84

- sign 814.813 $\pm$ 0.125 χ^2 /NDF: 7546368.0/42

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 93.496 ± 21.284 χ^2/NDF : 22.8/24

Right Out: 15.228 ± 33.023 χ^2/NDF : 35.0/19

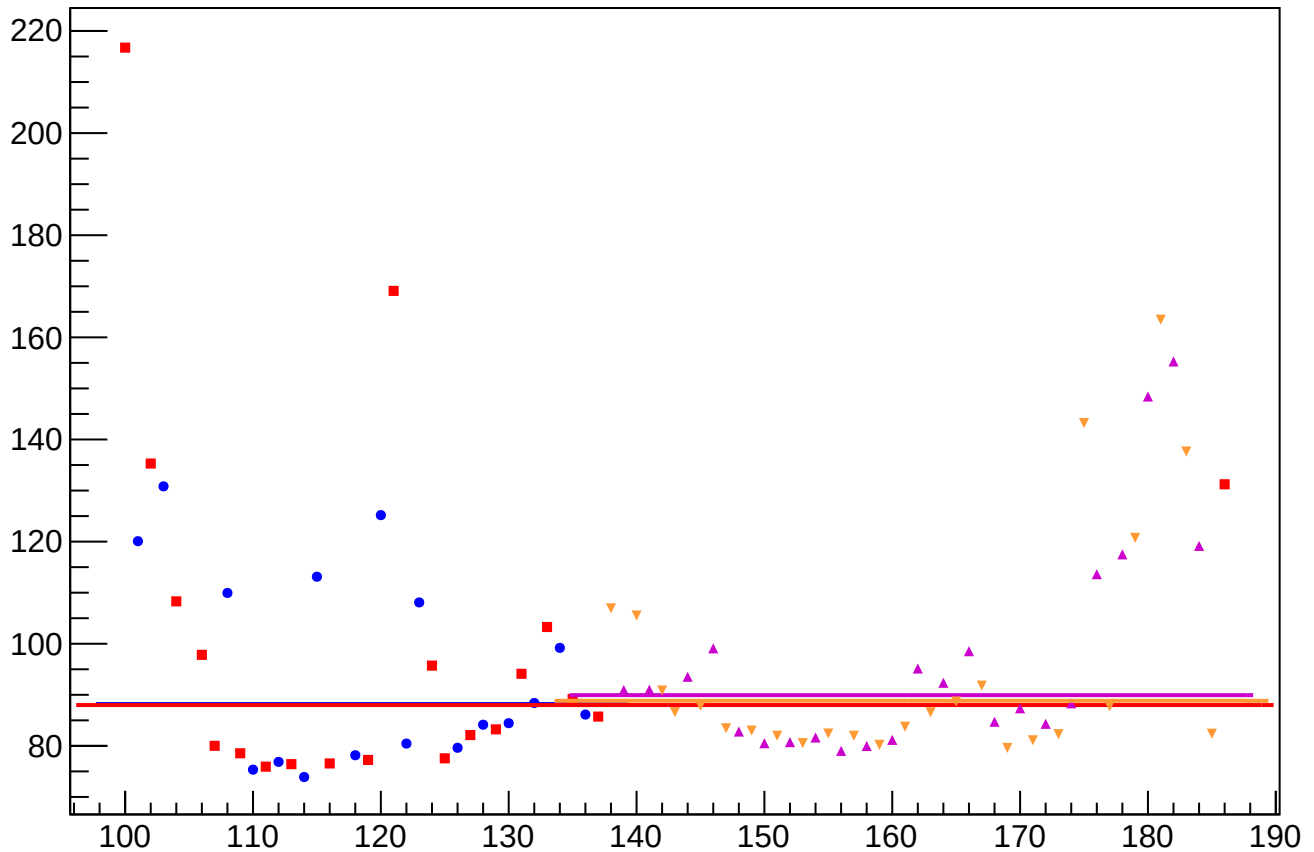
Left In: -111.732 ± 21.971 χ^2/NDF : 30.7/22

+ sign 50.093 ± 18.133 χ^2/NDF : 44.1/41

All: -10.805 ± 12.878 χ^2/NDF : 142.8/84

- sign -72.777 ± 18.292 χ^2/NDF : 75.9/42

dit_asym_sam7_rms vs Slug



Right In: 88.186 $\pm$ 0.024 χ^2 /NDF: 394447.7/16

Left Out: 88.830 $\pm$ 0.015 χ^2 /NDF: 1000651.2/24

Right Out: 87.993 $\pm$ 0.023 χ^2 /NDF: 614613.3/19

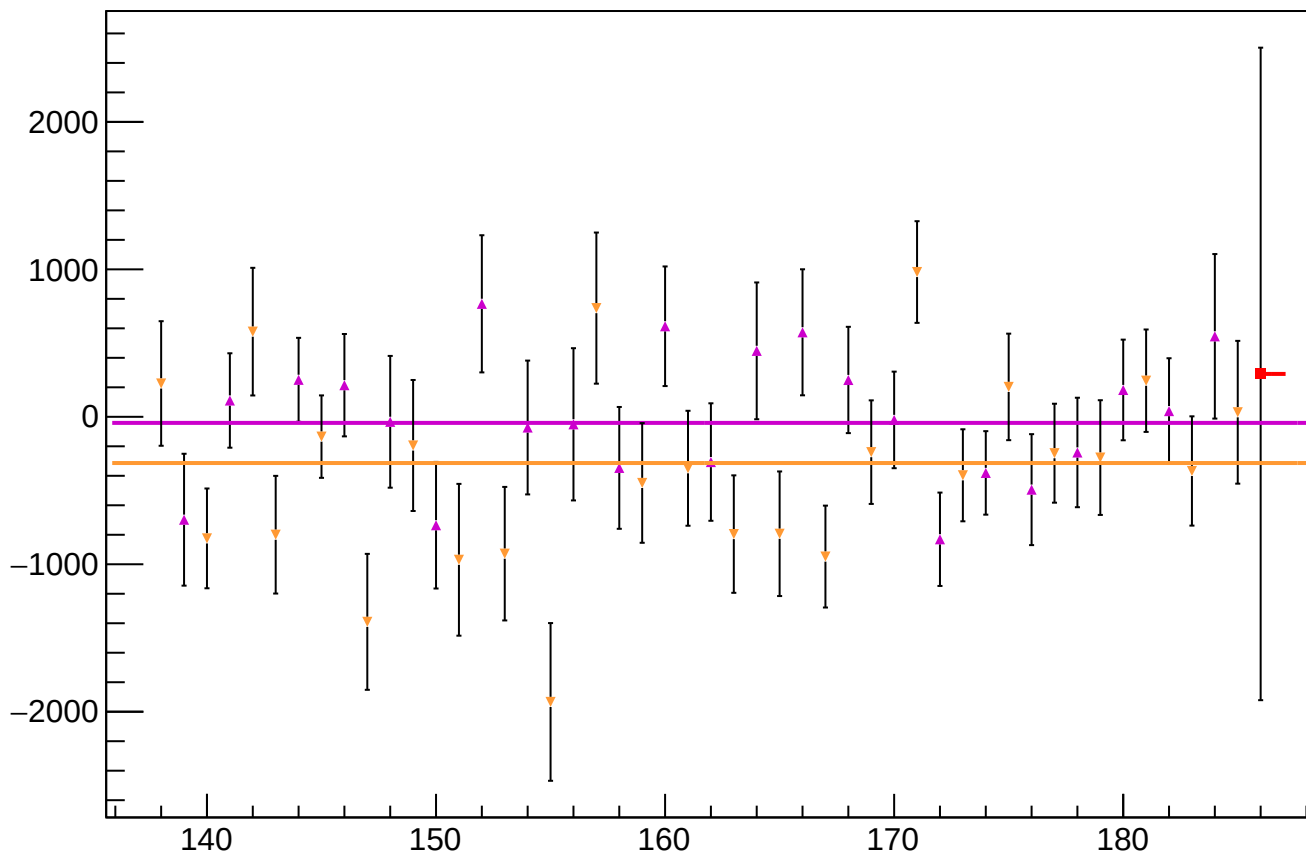
Left In: 89.934 $\pm$ 0.016 χ^2 /NDF: 874129.5/22

+ sign 88.653 $\pm$ 0.013 χ^2 /NDF: 1395600.4/41

All: 88.993 $\pm$ 0.009 χ^2 /NDF: 2890548.7/84

- sign 89.338 $\pm$ 0.013 χ^2 /NDF: 1493533.1/42

asym_sam7_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

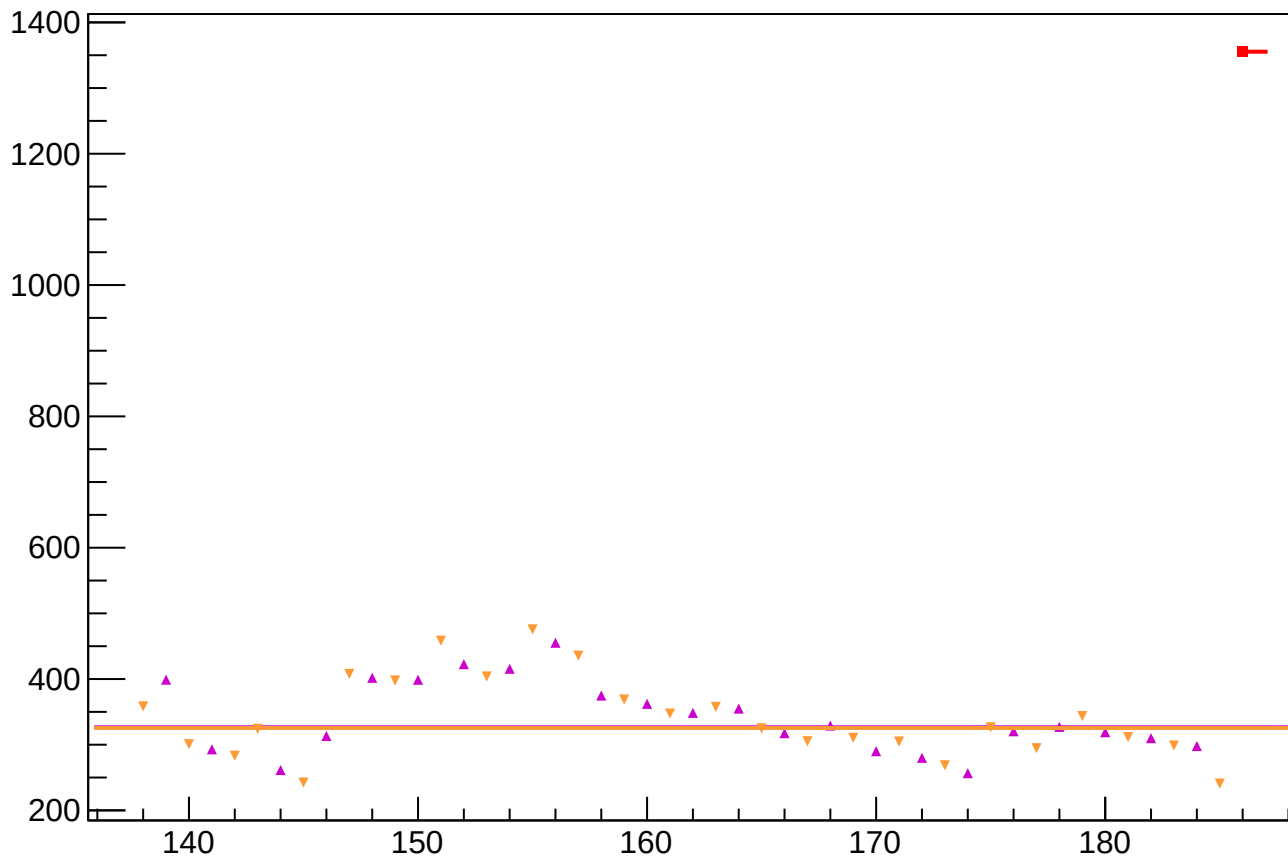
Left In: -41.244 $\pm$ 78.858 χ^2 /NDF: 28.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -179.706 $\pm$ 55.197 χ^2 /NDF: 92.2/48

- sign -40.822 $\pm$ 78.808 χ^2 /NDF: 28.0/23

asym_sam7_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 325.432+/-0.055 χ^2/NDF :1000974.7/24

Right Out: 1355.373+/-1.565 χ^2/NDF : 0.0/0

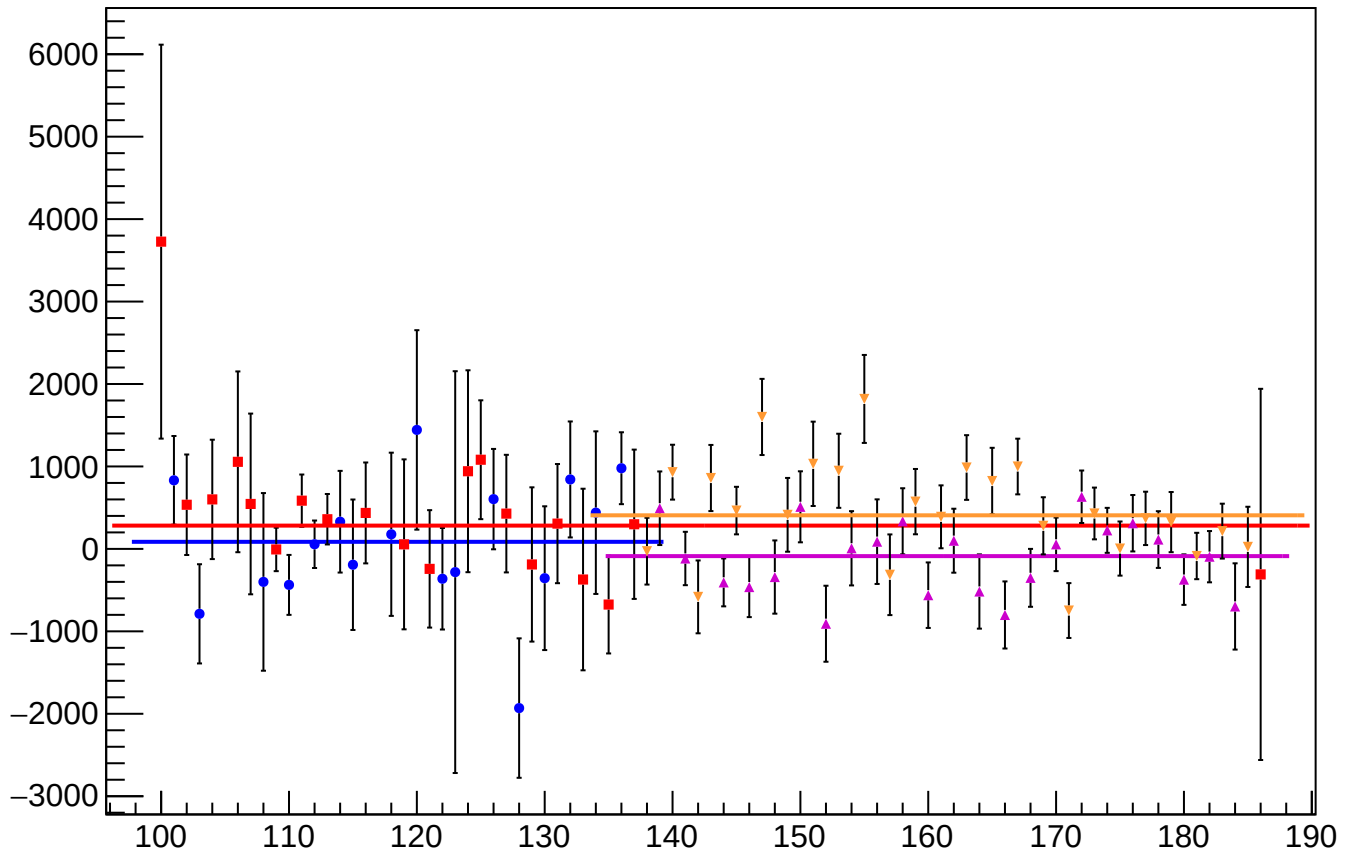
Left In: 326.516+/-0.056 χ^2/NDF :841153.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.604+/-0.039 χ^2/NDF : 2274973.6/48

- sign 327.822+/-0.056 χ^2/NDF : 1273062.1/23

asym_sam7_mean vs Slug



Right In: 85.810 ± 142.601 χ^2/NDF : 20.6/16

Left Out: 407.375 ± 74.730 χ^2/NDF : 53.0/24

Right Out: 282.494 ± 129.385 χ^2/NDF : 10.7/19

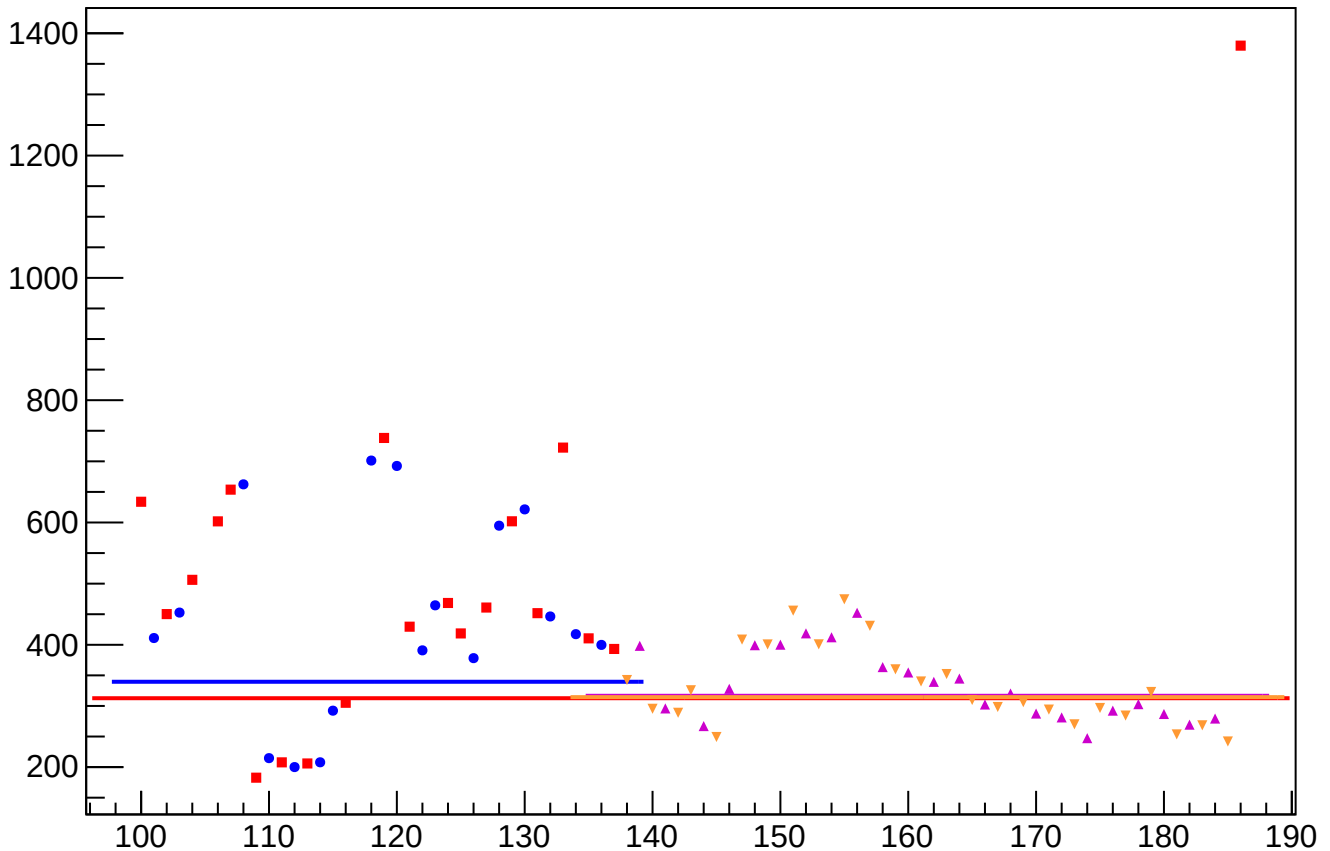
Left In: -87.657 ± 76.572 χ^2/NDF : 27.4/22

+ sign 338.090 ± 66.192 χ^2/NDF : 77.6/41

All: 172.486 ± 46.700 χ^2/NDF : 134.2/84

- sign 8.357 ± 65.896 χ^2/NDF : 44.1/42

asym_sam7_rms vs Slug



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 314.405 $\pm$ 0.053 χ^2 /NDF:1112244.9/24

Right Out: 312.642 $\pm$ 0.091 χ^2 /NDF: 3181247.6/19

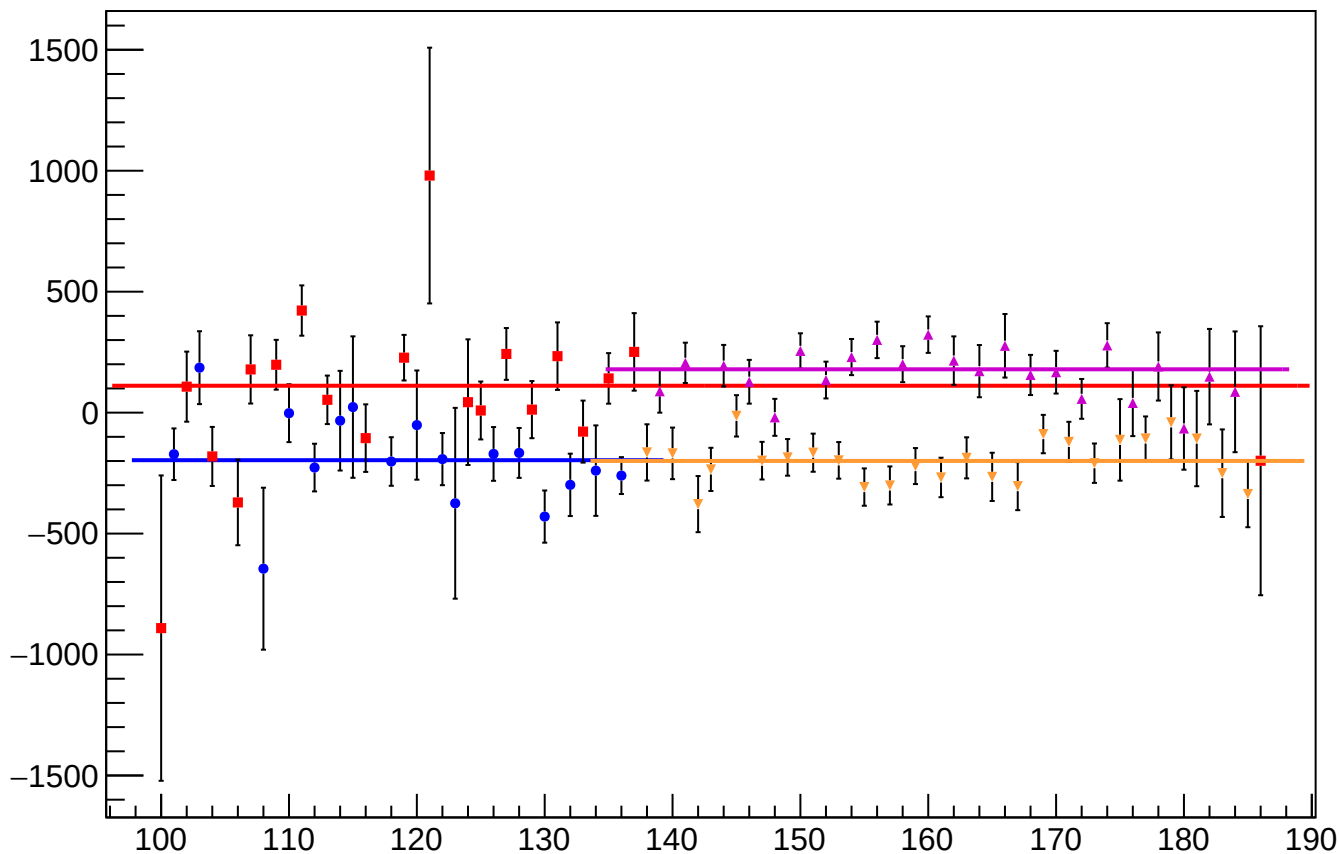
Left In: 316.616 $\pm$ 0.054 χ^2 /NDF:929652.0/22

+ sign 319.823 $\pm$ 0.047 χ^2 /NDF: 3203287.0/41

All: 317.695 $\pm$ 0.033 χ^2 /NDF: 7319701.3/84

- sign 315.585 $\pm$ 0.047 χ^2 /NDF: 4112297.2/42

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -199.640 ± 18.452 χ^2/NDF : 20.2/24

Right Out: 111.217 ± 29.580 χ^2/NDF : 39.7/19

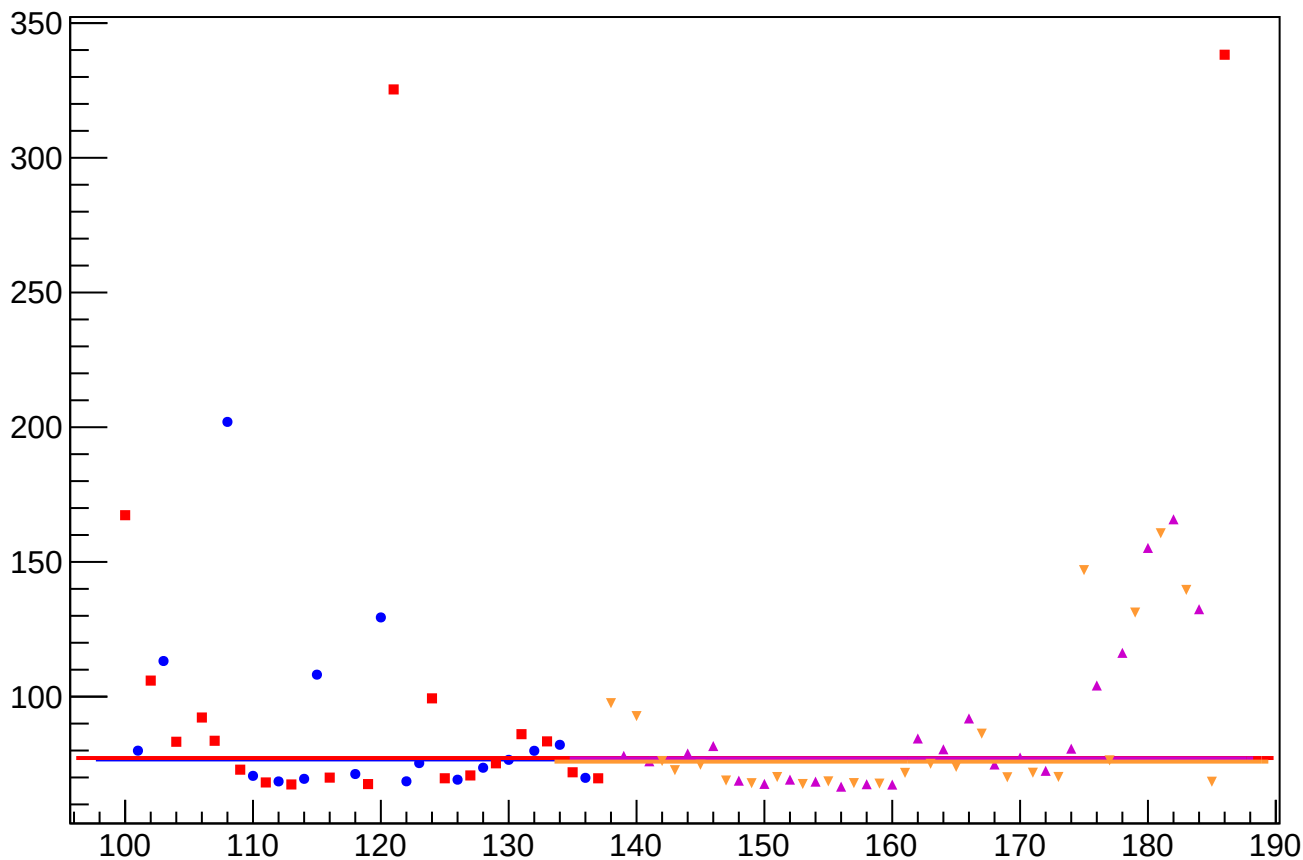
Left In: 179.154 ± 19.112 χ^2/NDF : 23.9/22

+ sign -198.821 ± 15.774 χ^2/NDF : 39.2/41

All: -22.978 ± 11.251 χ^2/NDF : 359.4/84

- sign 159.146 ± 16.053 χ^2/NDF : 67.2/42

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 75.883 $\pm$ 0.013 χ^2 /NDF:1552500.3/24

Right Out: 77.220 $\pm$ 0.021 χ^2 /NDF: 1141541.1/19

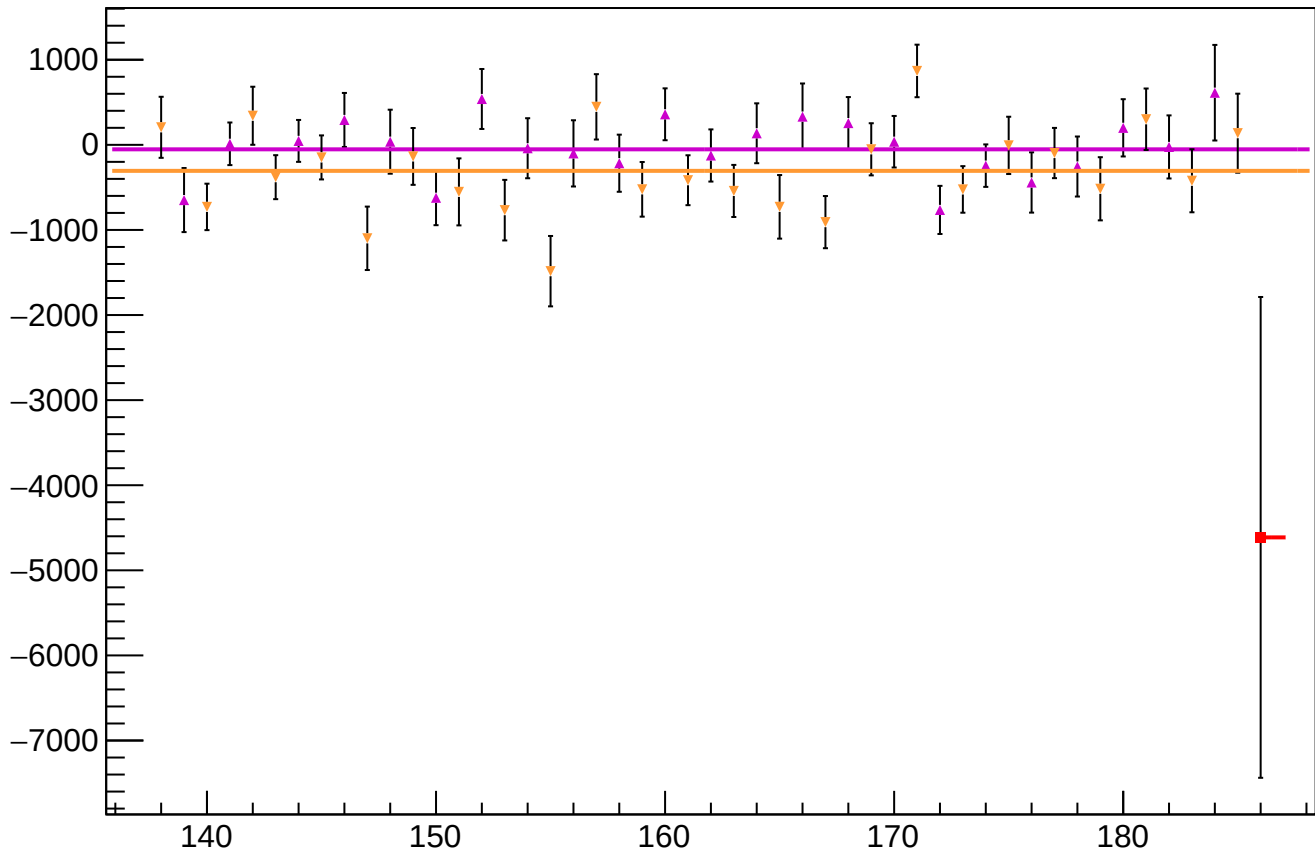
Left In: 77.080 $\pm$ 0.014 χ^2 /NDF:1422981.1/22

+ sign 76.101 $\pm$ 0.011 χ^2 /NDF: 2153883.5/41

All: 76.602 $\pm$ 0.008 χ^2 /NDF: 4722545.5/84

- sign 77.121 $\pm$ 0.011 χ^2 /NDF: 2564554.0/42

asym_sam8_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

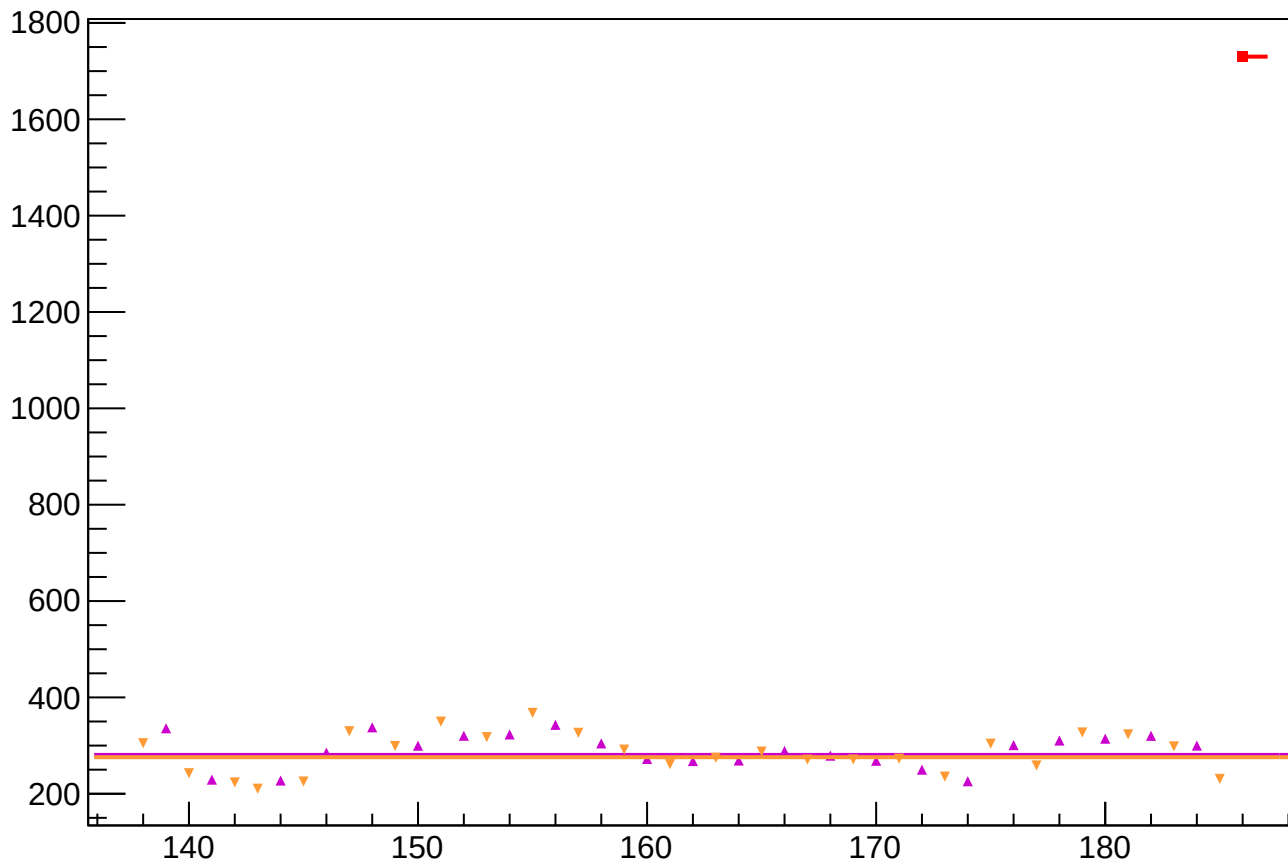
Left In: -52.759 $\pm$ 67.539 χ^2 /NDF: 24.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -184.642 $\pm$ 46.949 χ^2 /NDF: 89.4/48

- sign -55.364 $\pm$ 67.520 χ^2 /NDF: 27.5/23

asym_sam8_correction_rms vs Slug



Right In: 0.000+/-0.000 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

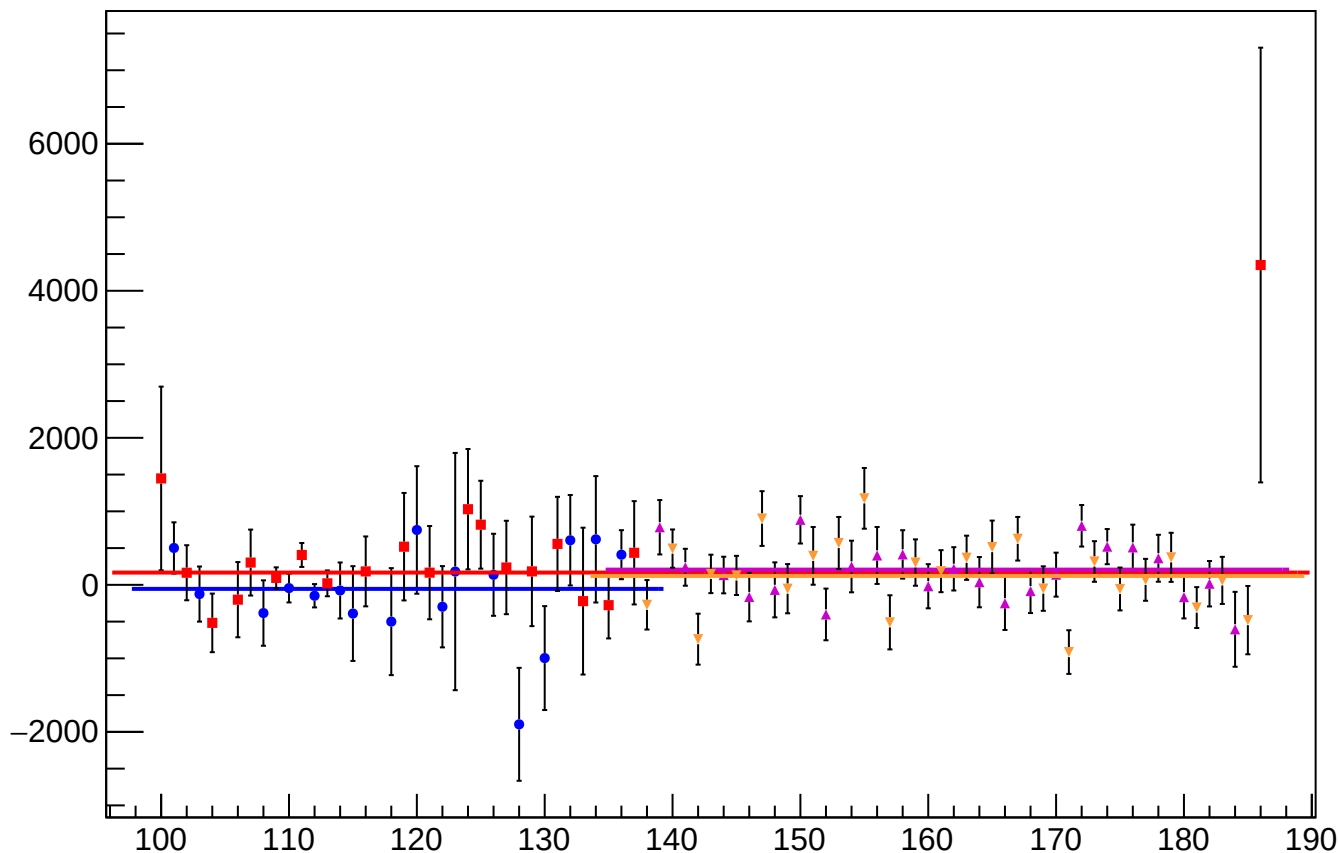
Left In: 280.628+/-0.048 χ^2/NDF : 587415.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.587+/-0.033 χ^2/NDF : 1873650.9/48

- sign 281.456+/-0.048 χ^2/NDF : 1113547.9/23

asym_sam8_mean vs Slug



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: 121.185 ± 62.911 χ^2/NDF : 49.0/24

Right Out: 166.971 ± 76.877 χ^2/NDF : 13.9/19

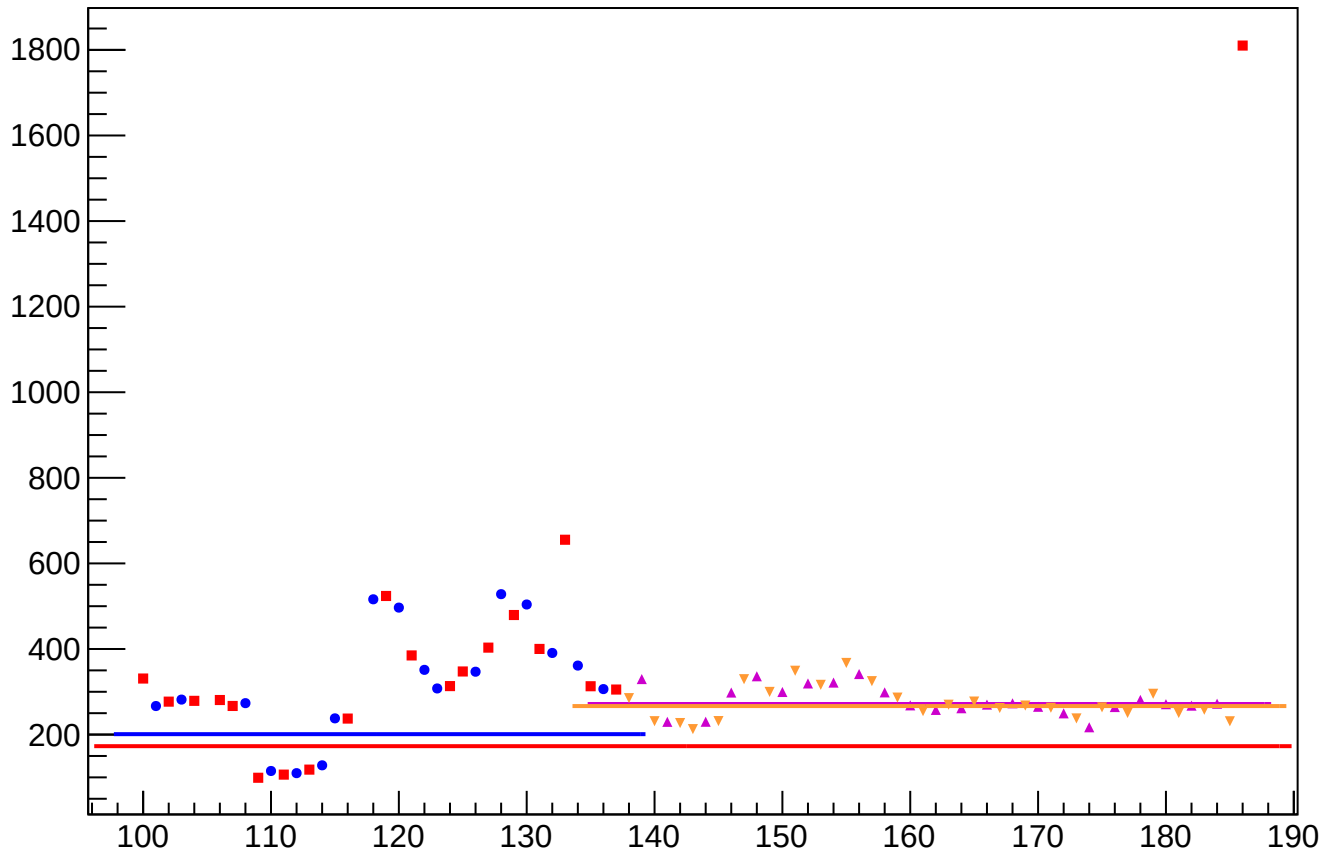
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 63.683 ± 51.629 χ^2/NDF : 68.1/41

All: 129.326 ± 35.823 χ^2/NDF : 113.1/84

- sign 190.267 ± 49.745 χ^2/NDF : 41.8/42

asym_sam8_rms vs Slug



Right In: 200.971 $\pm$ 0.064 χ^2 /NDF: 3436154.0/16

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

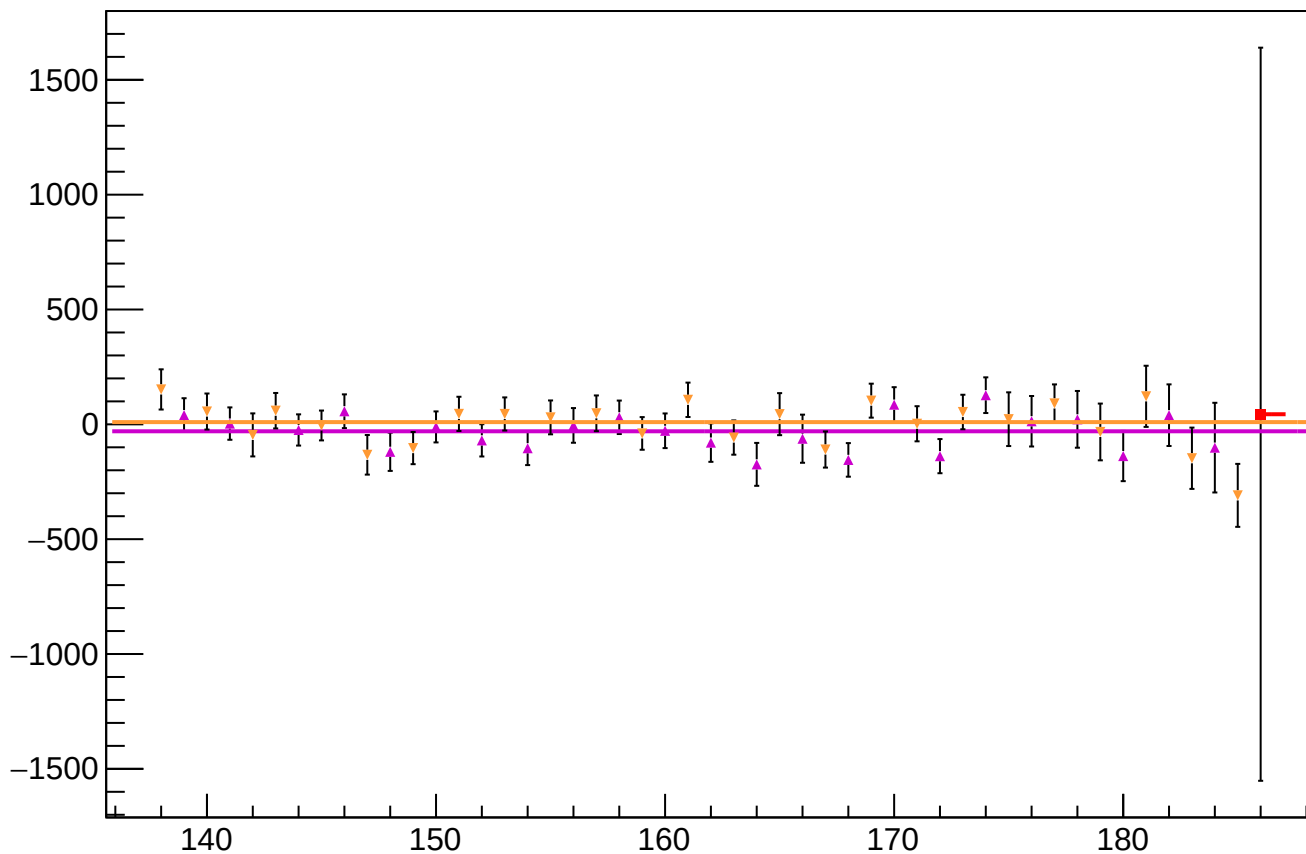
Left In: 271.451 $\pm$ 0.046 χ^2 /NDF: 530897.8/22

+ sign 245.184 $\pm$ 0.037 χ^2 /NDF: 4786419.1/41

All: 237.407 $\pm$ 0.025 χ^2 /NDF: 12021519.8/84

- sign 230.187 $\pm$ 0.035 χ^2 /NDF: 7147593.4/42

dit_asym_sam_15_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 9.762 $\pm$ 16.463 χ^2 /NDF:25.9/24

Right Out: 44.009 $\pm$ 1596.057 χ^2 /NDF: 0.0/0

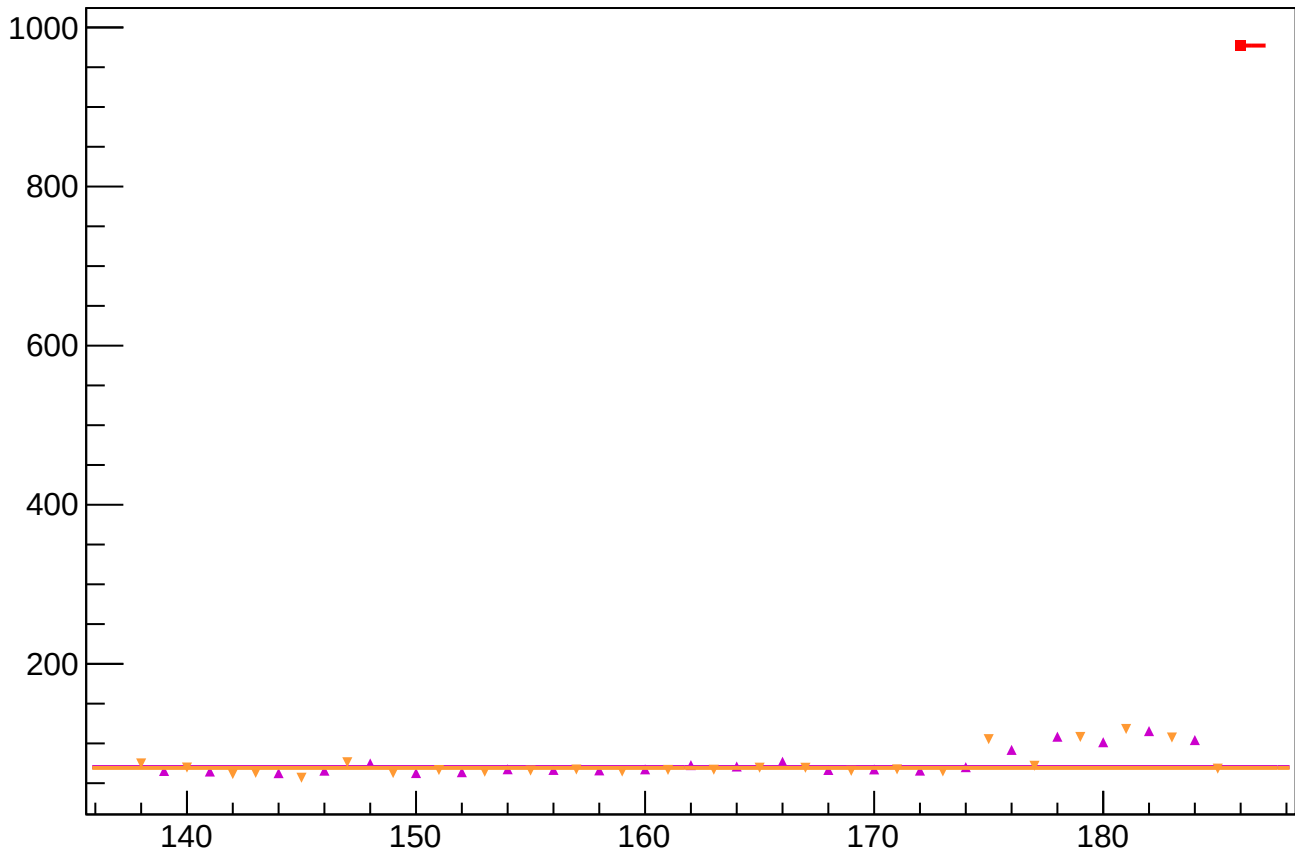
Left In: -30.236 $\pm$ 17.031 χ^2 /NDF:21.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.557 $\pm$ 11.837 χ^2 /NDF: 50.7/48

- sign -30.227 $\pm$ 17.030 χ^2 /NDF: 21.9/23

dit_asym_sam_15_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 69.234+/-0.012 χ^2/NDF : 1005922.1/24

Right Out: 977.214+/-1.129 χ^2/NDF : 0.0/0

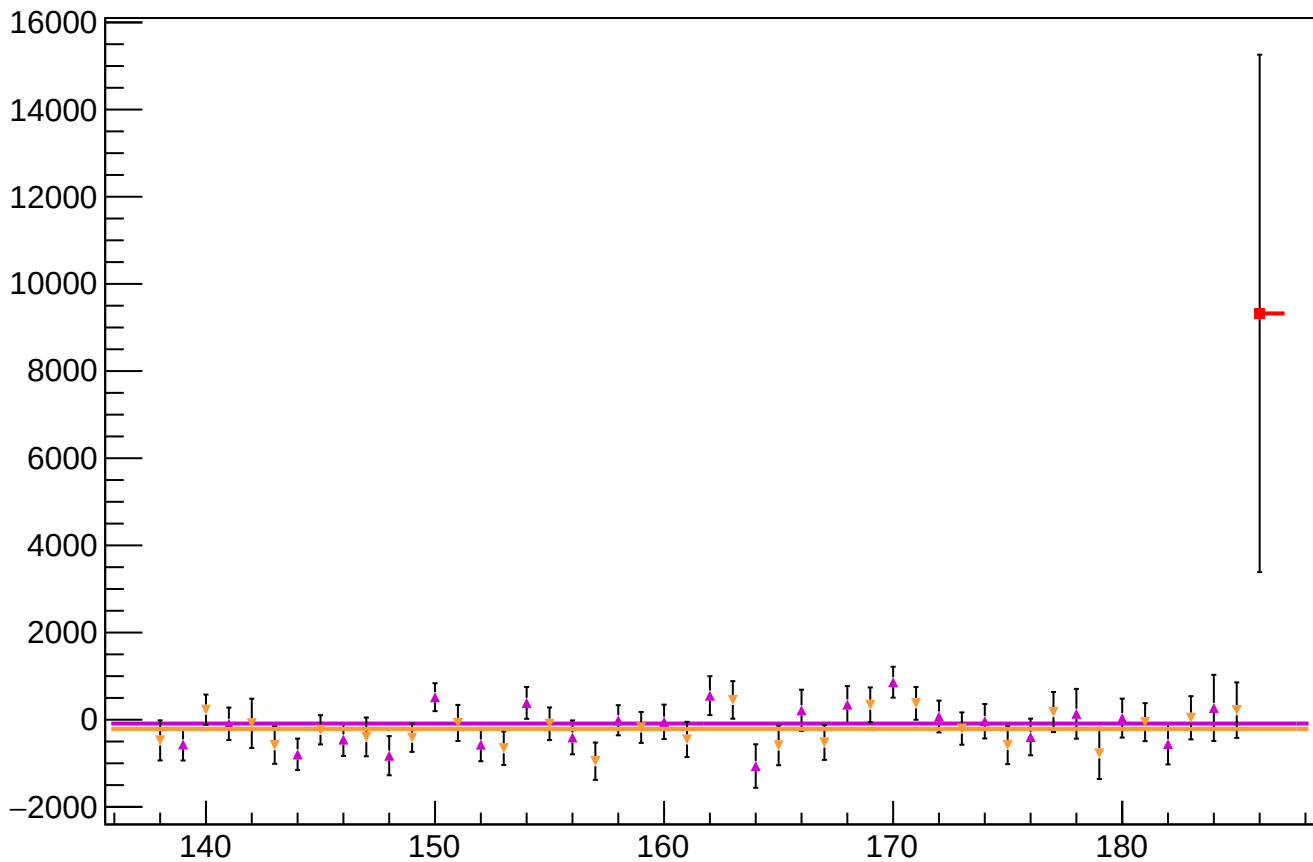
Left In: 70.322+/-0.012 χ^2/NDF : 862105.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.810+/-0.008 χ^2/NDF : 2518736.2/48

- sign 70.426+/-0.012 χ^2/NDF : 1507751.2/23

asym_sam_15_avg_correction_mean vs Slug



Right In: 0.000 ± 0.000 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

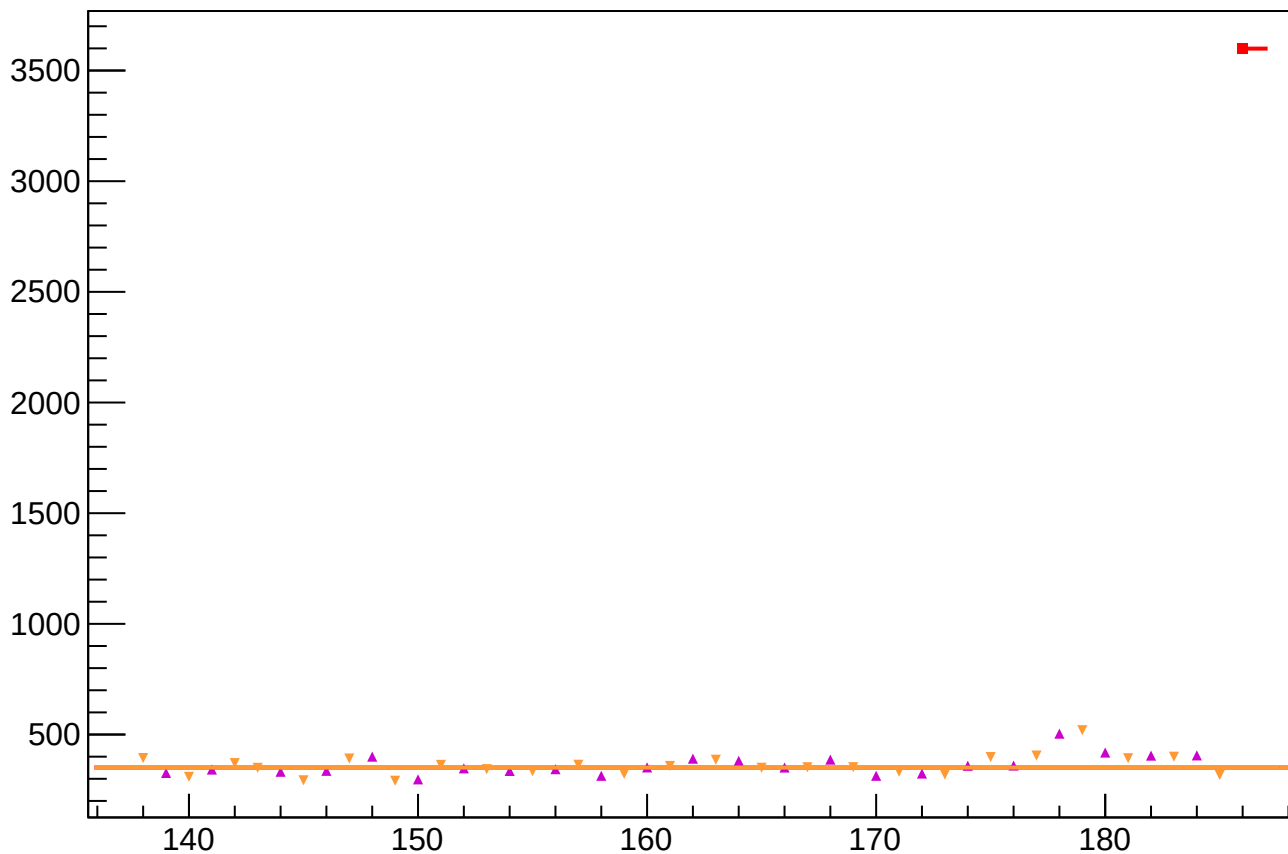
Left In: -88.062 ± 84.309 χ^2/NDF : 33.5/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -149.986 ± 59.065 χ^2/NDF : 56.5/48

- sign -86.164 ± 84.301 χ^2/NDF : 36.0/23

asym_sam_15_avg_correction_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

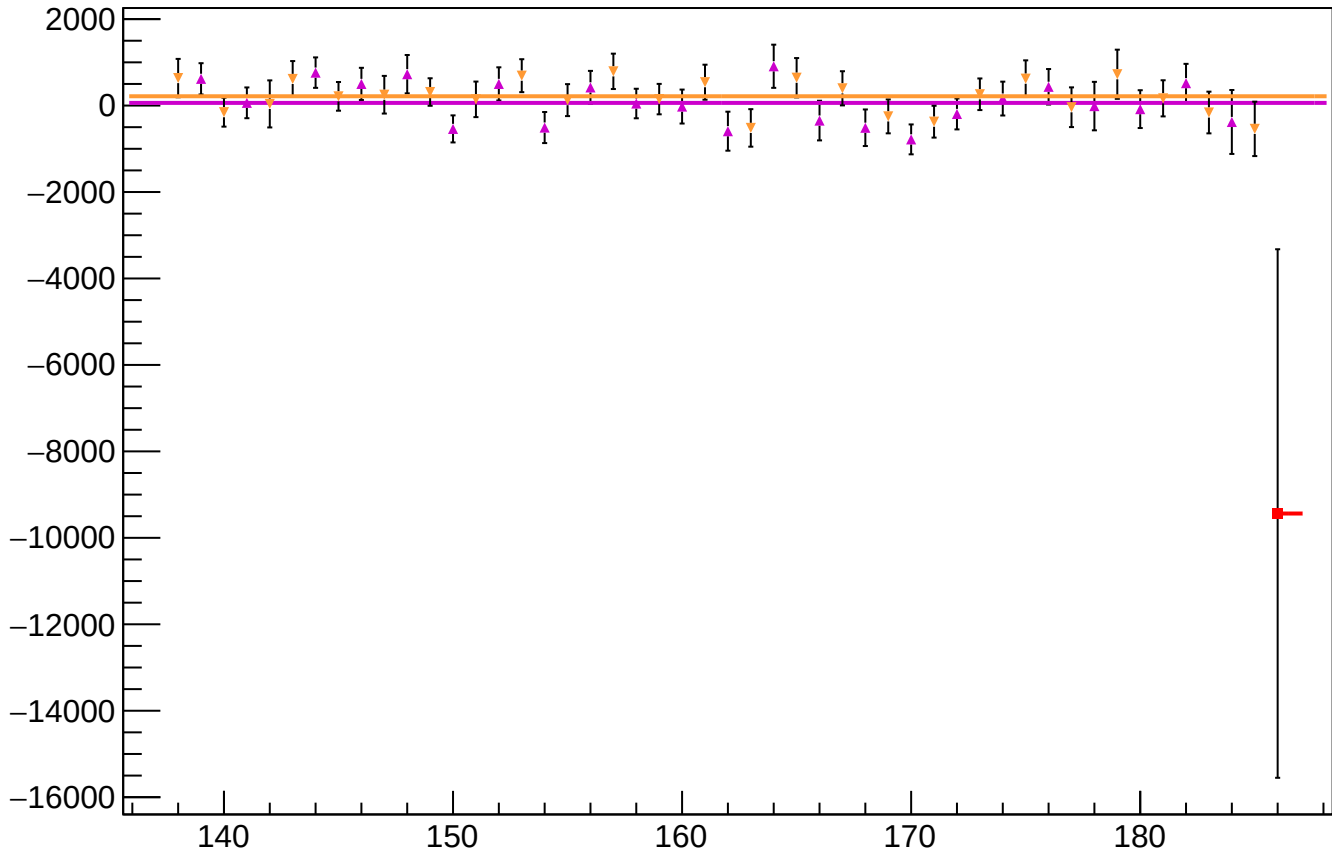
Left In: 350.944 $\pm$ 0.060 χ^2 /NDF: 424876.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 351.182 $\pm$ 0.042 χ^2 /NDF: 1529795.3/48

- sign 351.599 $\pm$ 0.060 χ^2 /NDF: 1023424.8/23

asym_sam_15_avg_mean vs Slug



Right In: 0.000 ± 0.000 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

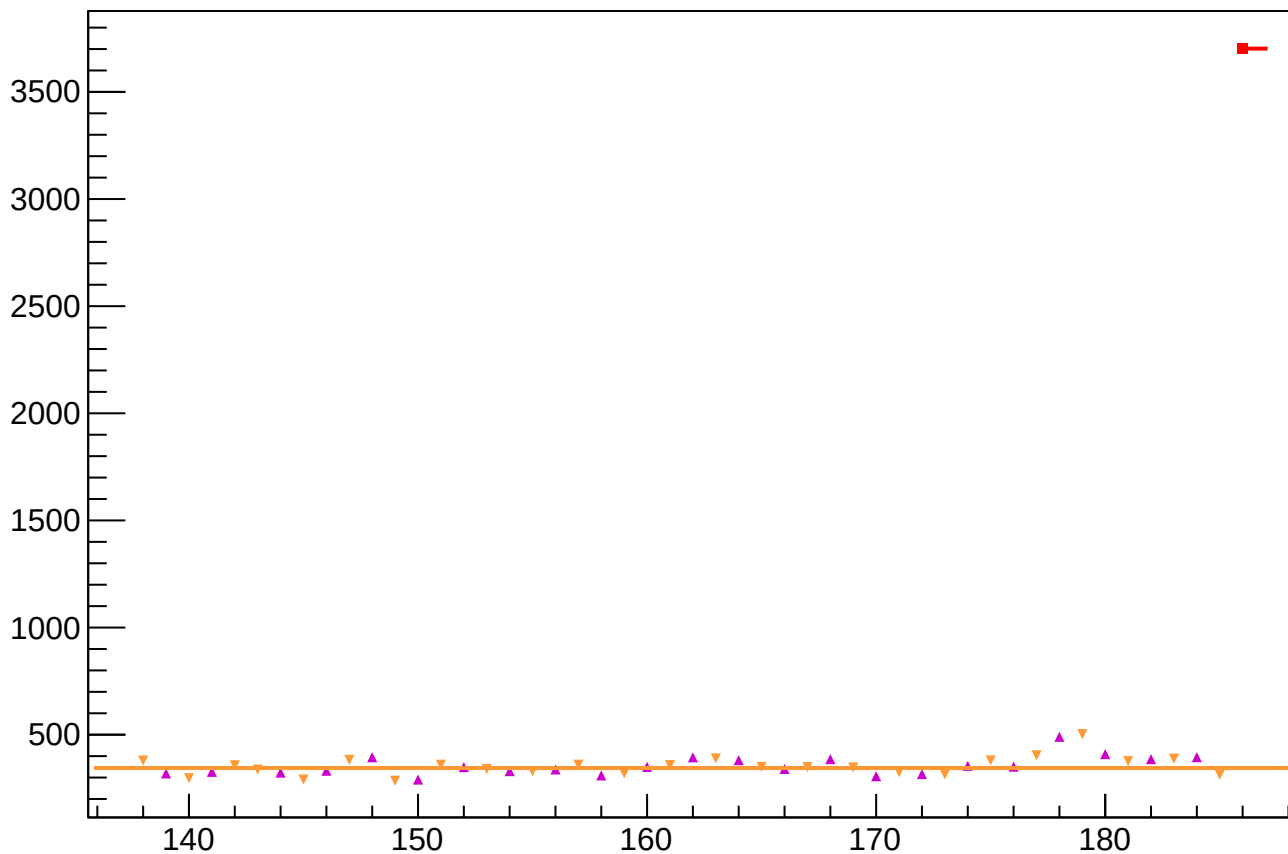
Left In: 61.730 ± 82.841 χ^2/NDF : 34.9/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 139.113 ± 57.999 χ^2/NDF : 58.7/48

- sign 59.987 ± 82.833 χ^2/NDF : 37.3/23

asym_sam_15_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 344.439+/-0.057 χ^2/NDF : 488381.9/24

Right Out: 3702.119+/-4.323 χ^2/NDF : 0.0/0

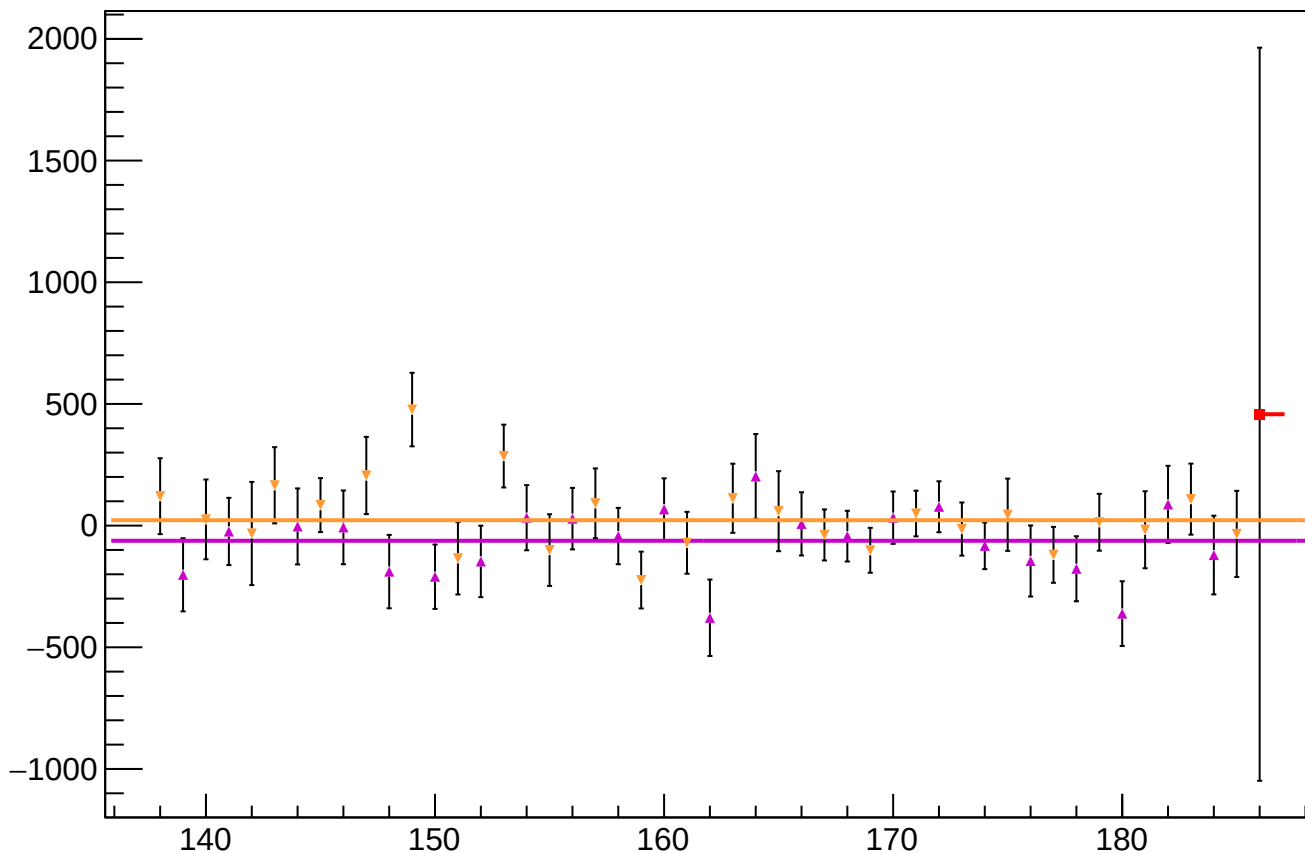
Left In: 344.475+/-0.059 χ^2/NDF : 433401.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.759+/-0.041 χ^2/NDF : 1524994.7/48

- sign 345.091+/-0.059 χ^2/NDF : 1036549.6/23

dit_asym_sam_26_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 22.164 $\pm$ 26.284 χ^2 /NDF:28.1/24

Right Out: 457.681 $\pm$ 1506.309 χ^2 /NDF: 0.0/0

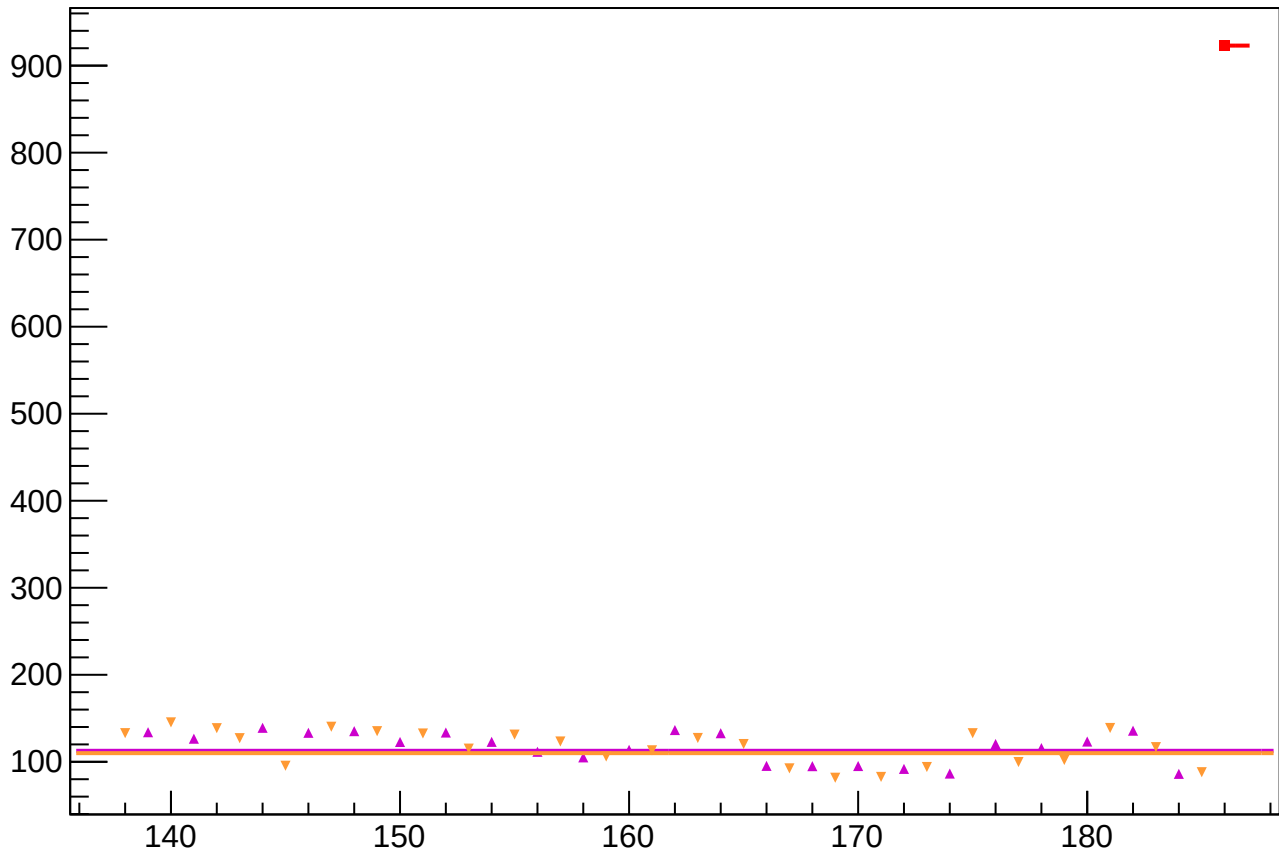
Left In: -62.310 $\pm$ 27.398 χ^2 /NDF:22.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.245 $\pm$ 18.966 χ^2 /NDF: 55.1/48

- sign -62.138 $\pm$ 27.394 χ^2 /NDF: 22.1/23

dit_asym_sam_26_avg_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

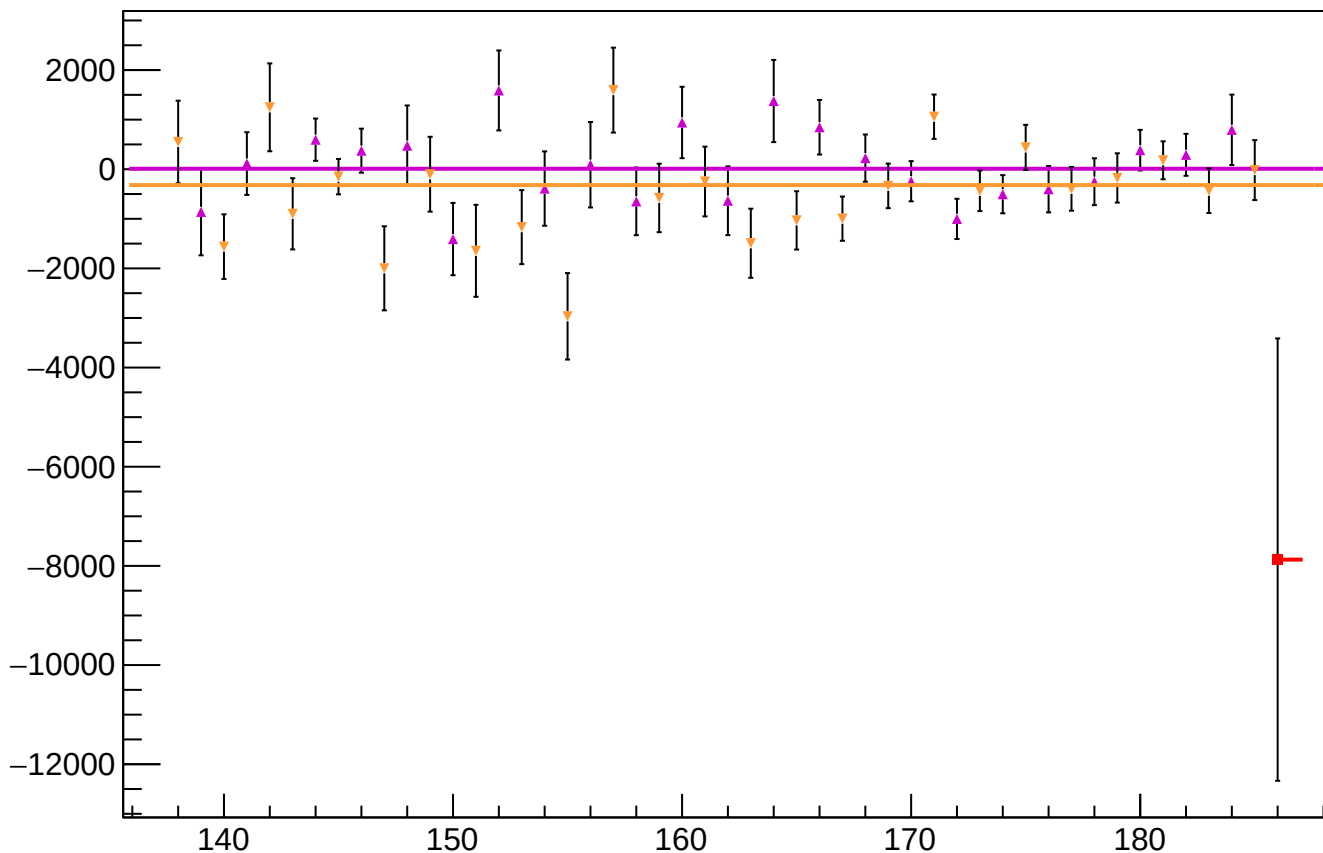
Left In: 112.657 $\pm$ 0.019 χ^2 /NDF:835831.1/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.377 $\pm$ 0.013 χ^2 /NDF: 2567367.8/48

- sign 112.925 $\pm$ 0.019 χ^2 /NDF: 1414480.2/23

asym_sam_26_avg_correction_mean vs Slug



Right In: 0.000 ± 0.000 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

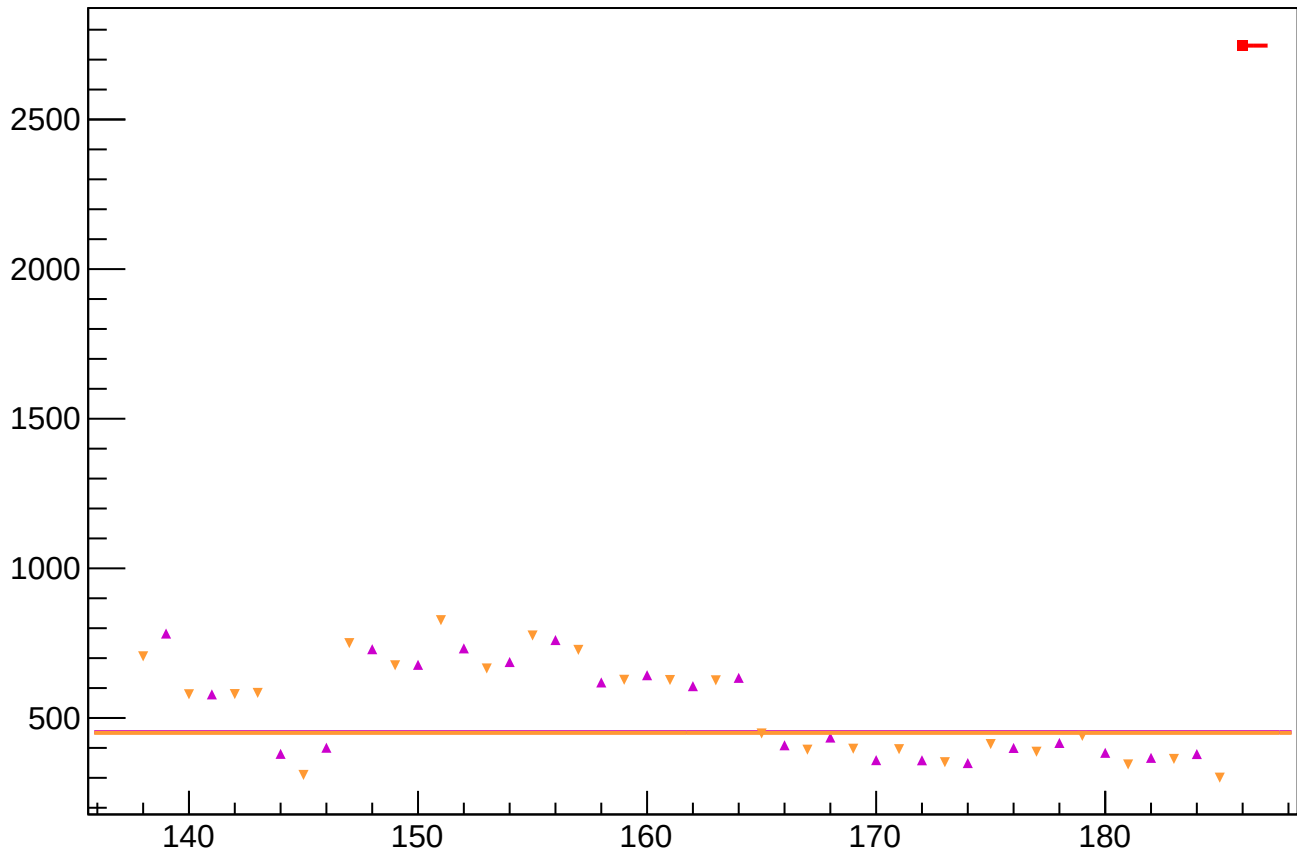
Left In: 9.462 ± 112.340 χ^2/NDF : 32.5/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -160.371 ± 78.695 χ^2/NDF : 91.4/48

- sign 4.466 ± 112.305 χ^2/NDF : 35.6/23

asym_sam_26_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 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

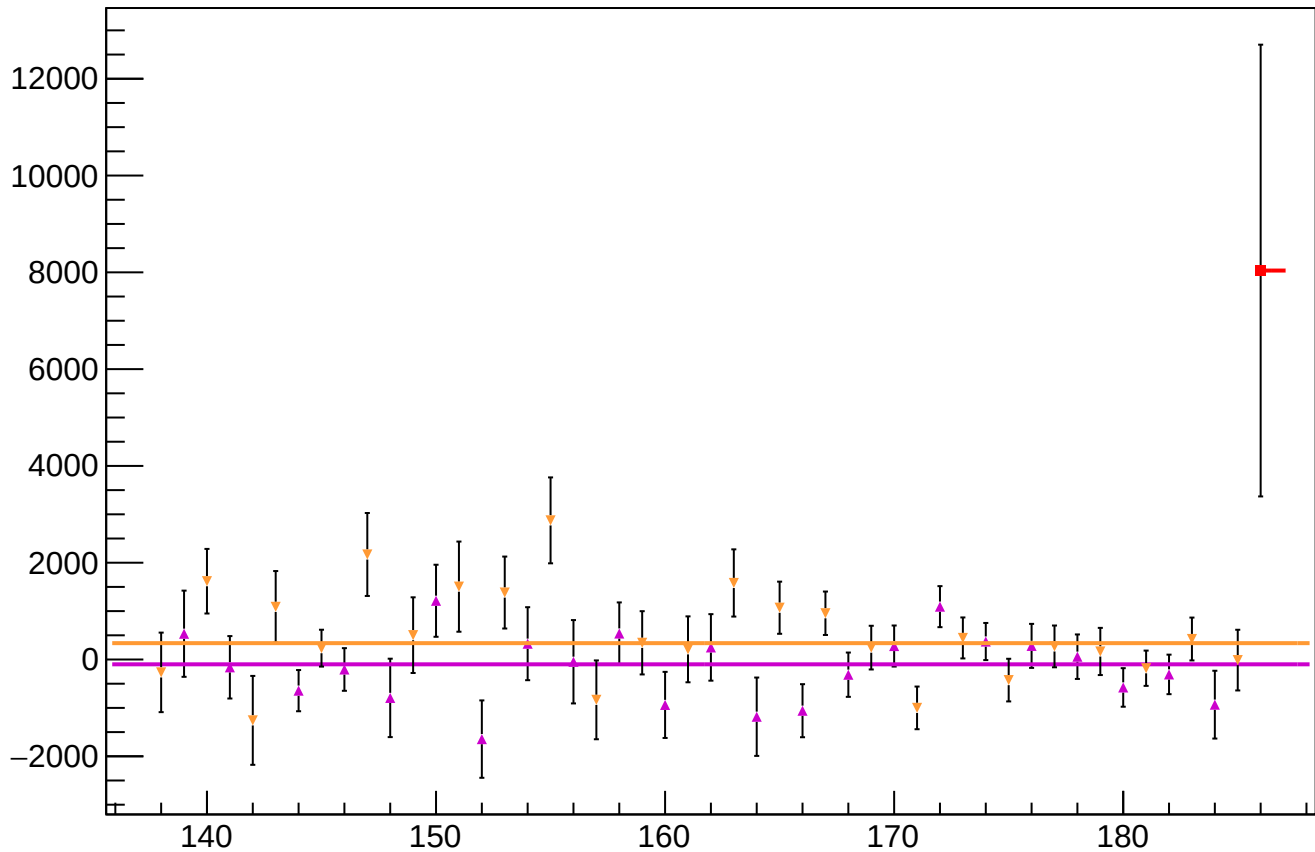
Left In: 452.694+/-0.079 χ^2/NDF : 2586032.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.221+/-0.056 χ^2/NDF : 6212213.3/48

- sign 454.148+/-0.079 χ^2/NDF : 3114621.2/23

asym_sam_26_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

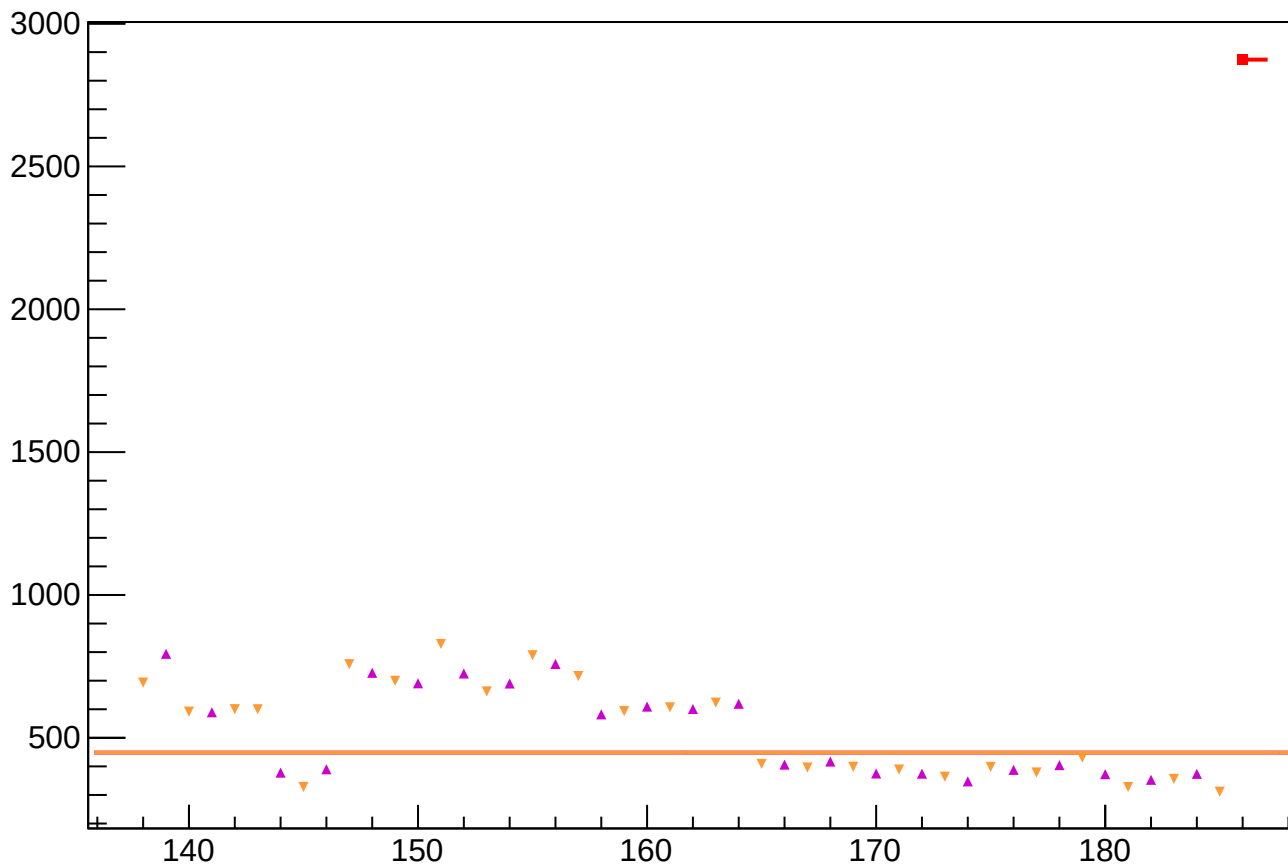
Left In: -99.475 $\pm$ 111.475 χ^2/NDF : 32.1/22

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 124.709 $\pm$ 78.226 χ^2/NDF : 91.3/48

- sign -94.837 $\pm$ 111.443 χ^2/NDF : 35.1/23

asym_sam_26_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 448.397+/-0.078 χ^2/NDF : 3077183.0/24

Right Out: 2873.828+/-3.300 χ^2/NDF : 0.0/0

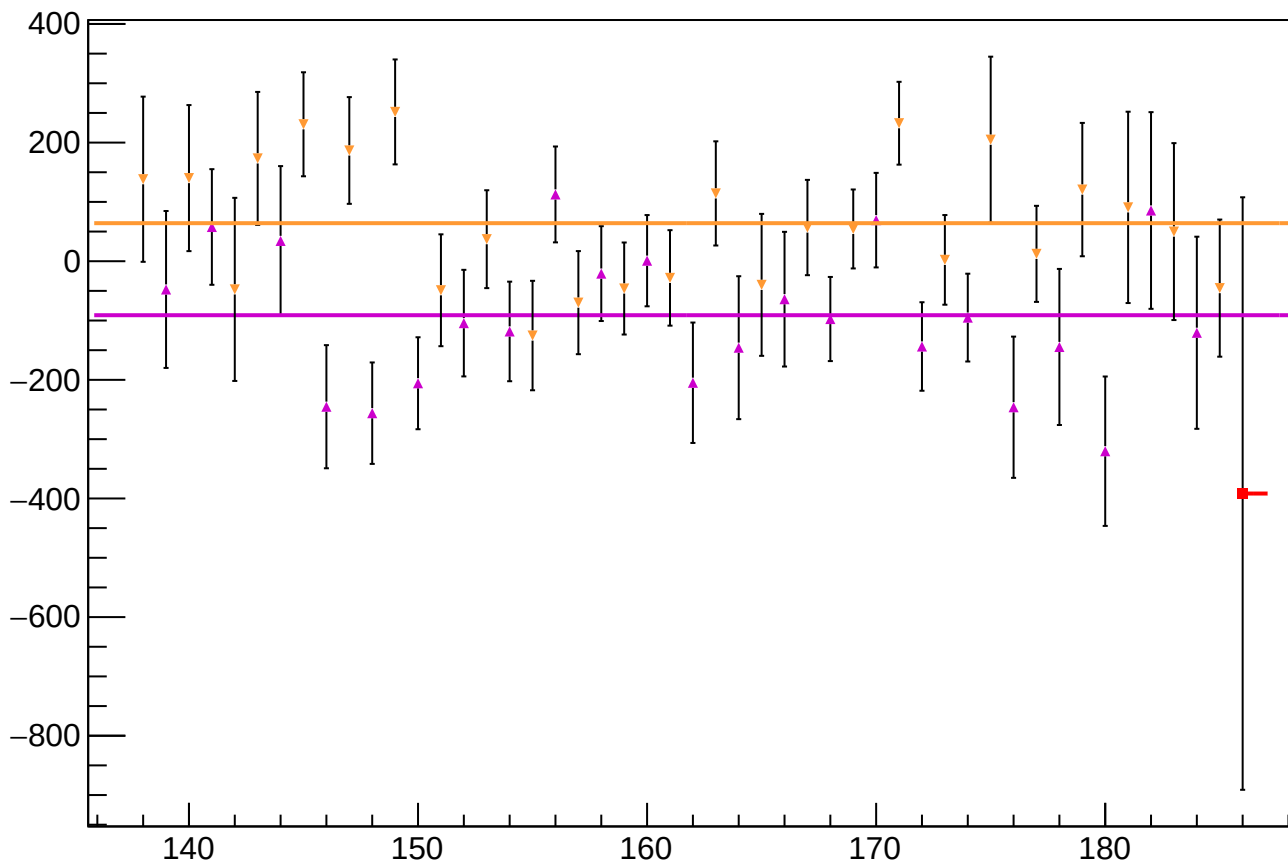
Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.000+/-0.055 χ^2/NDF : 6180604.6/48

- sign 449.621+/-0.079 χ^2/NDF : 3103299.1/23

dit_asym_sam_37_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 64.142 $\pm$ 18.728 χ^2 /NDF:33.8/24

Right Out: -391.682 $\pm$ 499.478 χ^2 /NDF: 0.0/0

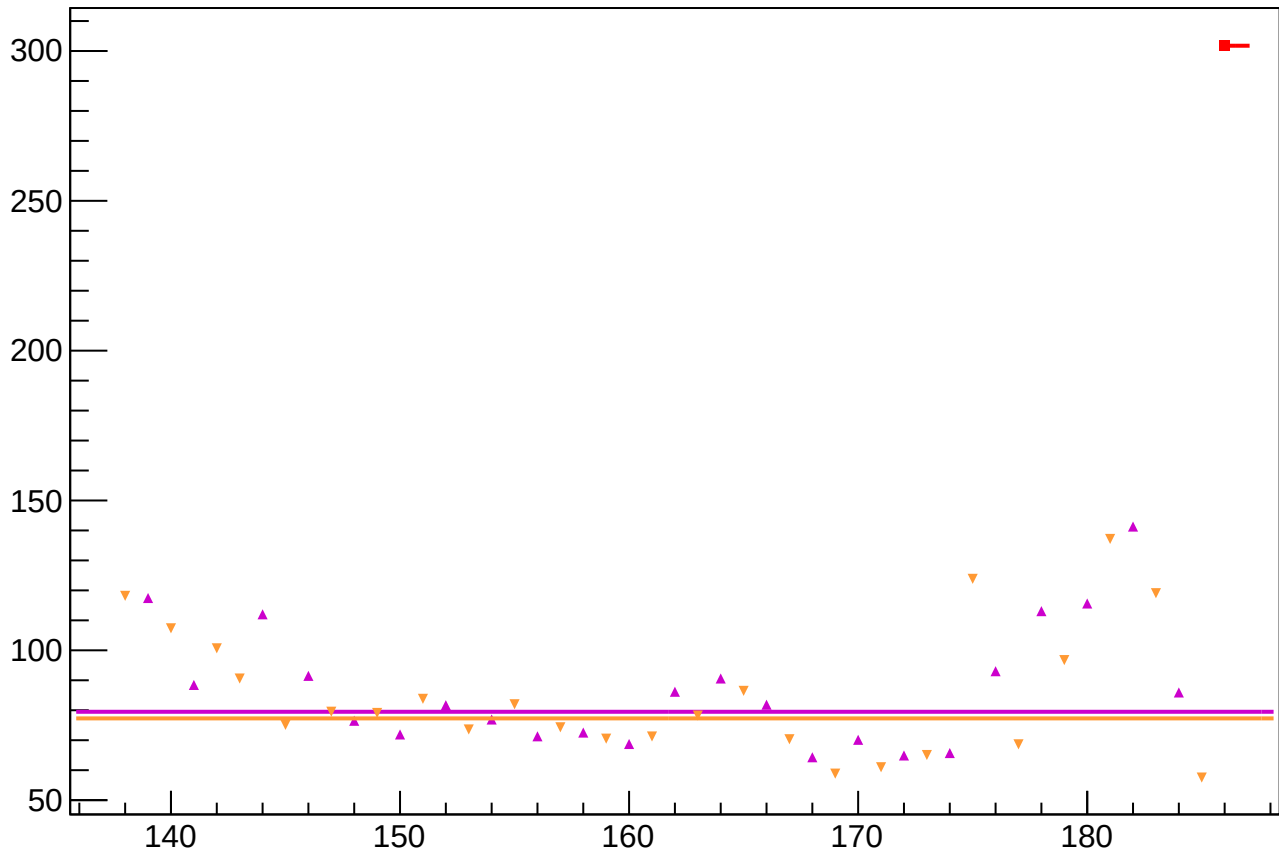
Left In: -91.028 $\pm$ 19.637 χ^2 /NDF:32.6/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.047 $\pm$ 13.548 χ^2 /NDF: 99.7/48

- sign -91.492 $\pm$ 19.622 χ^2 /NDF: 33.0/23

dit_asym_sam_37_avg_rms vs Slug



Right In: 0.000+/-0.000 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

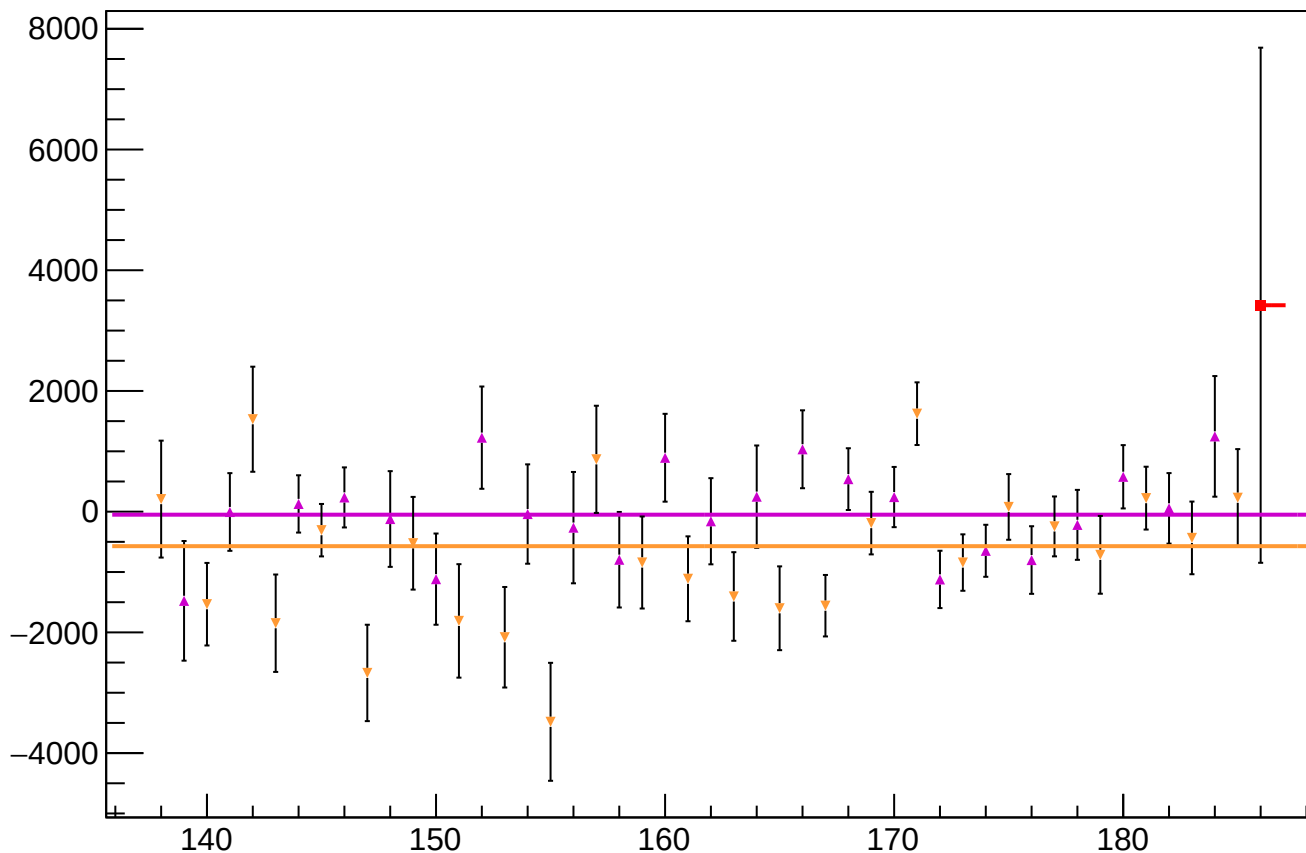
Left In: 79.491+/-0.014 χ^2/NDF :1333774.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.498+/-0.010 χ^2/NDF : 3300368.9/48

- sign 79.835+/-0.014 χ^2/NDF : 1729215.4/23

asym_sam_37_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -571.669 $\pm$ 128.158 χ^2 /NDF:66.8/24

Right Out: 3420.219 $\pm$ 4267.312 χ^2 /NDF: 0.0/0

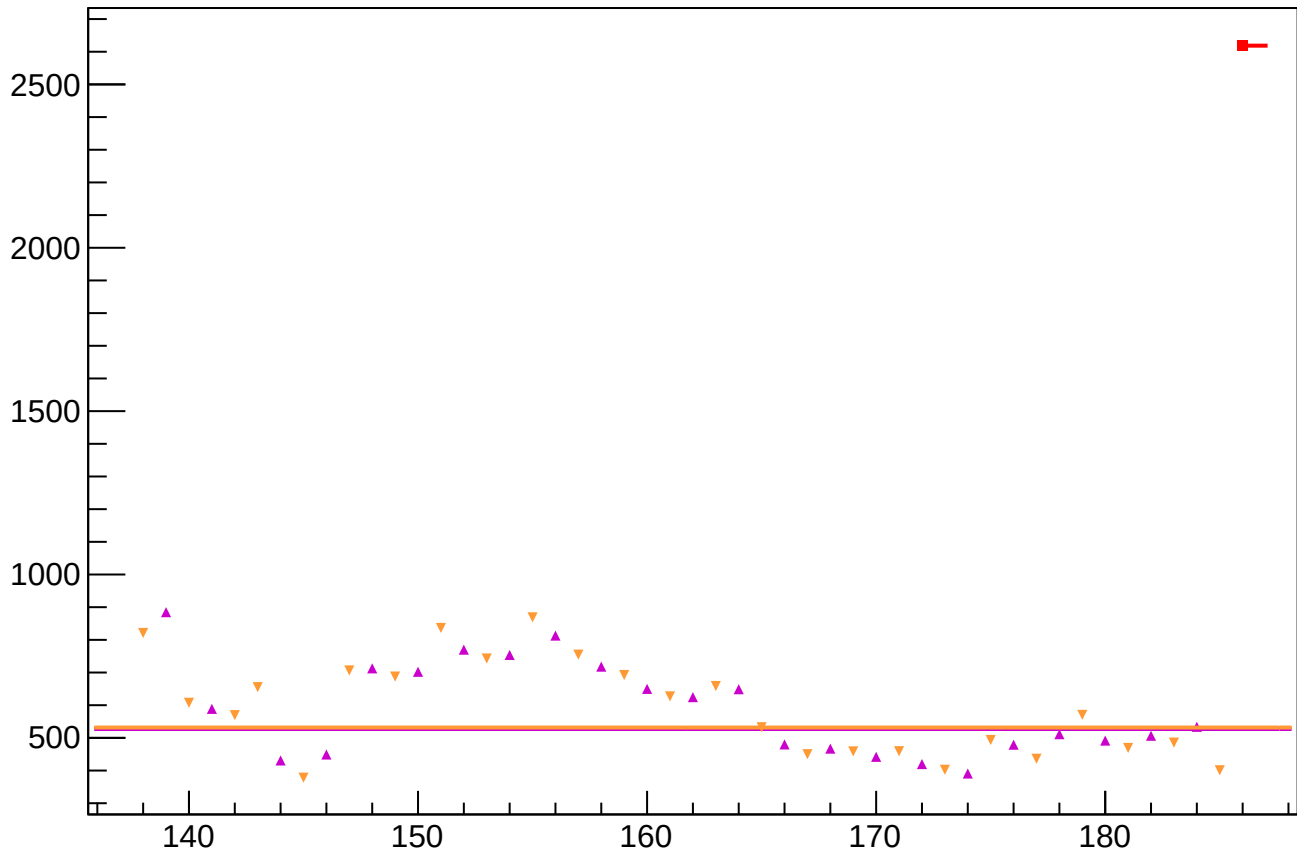
Left In: -50.077 $\pm$ 129.187 χ^2 /NDF:26.1/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -311.262 $\pm$ 90.962 χ^2 /NDF: 101.9/48

- sign -46.899 $\pm$ 129.127 χ^2 /NDF: 26.8/23

asym_sam_37_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 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

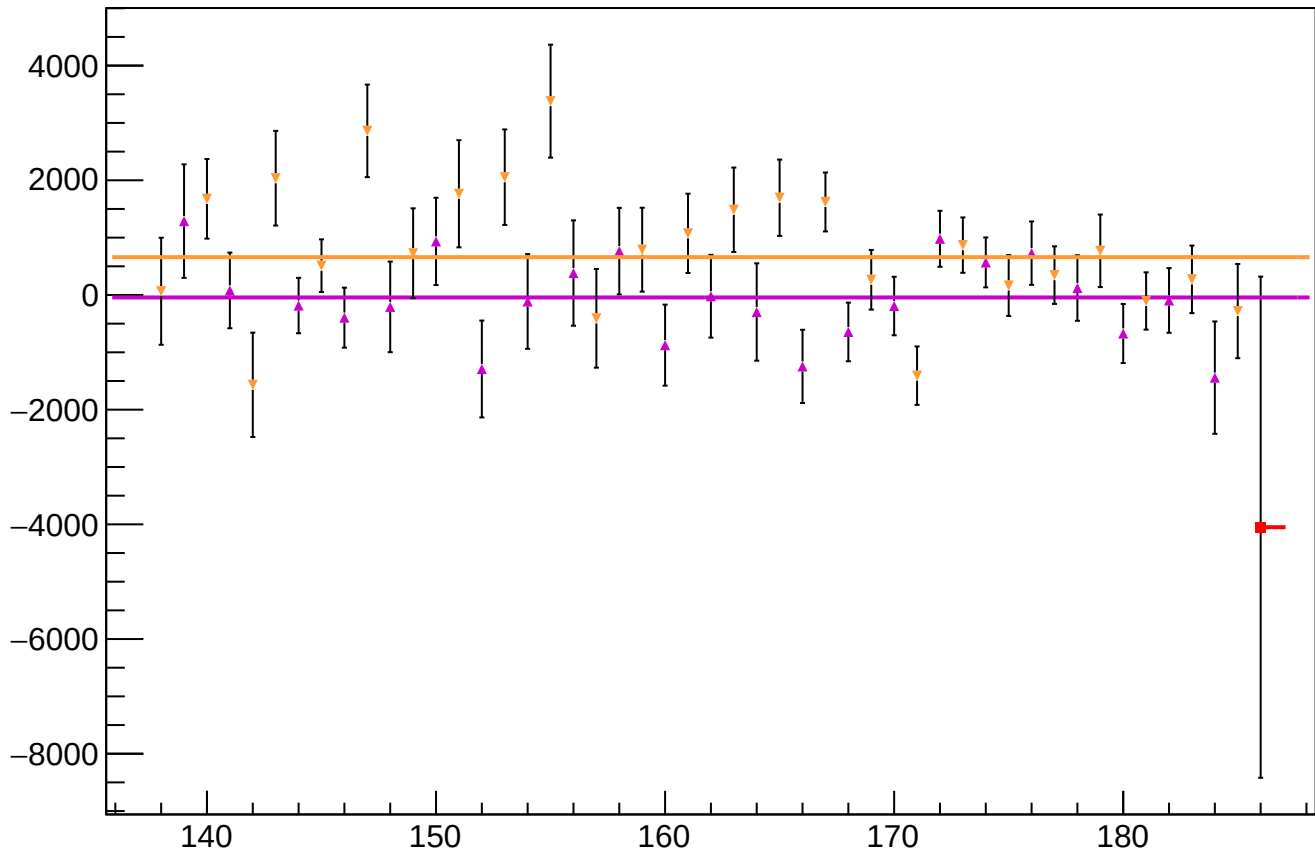
Left In: 527.182+/-0.091 χ^2/NDF : 1813383.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.380+/-0.064 χ^2/NDF : 4332039.7/48

- sign 529.097+/-0.091 χ^2/NDF : 2293343.9/23

asym_sam_37_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

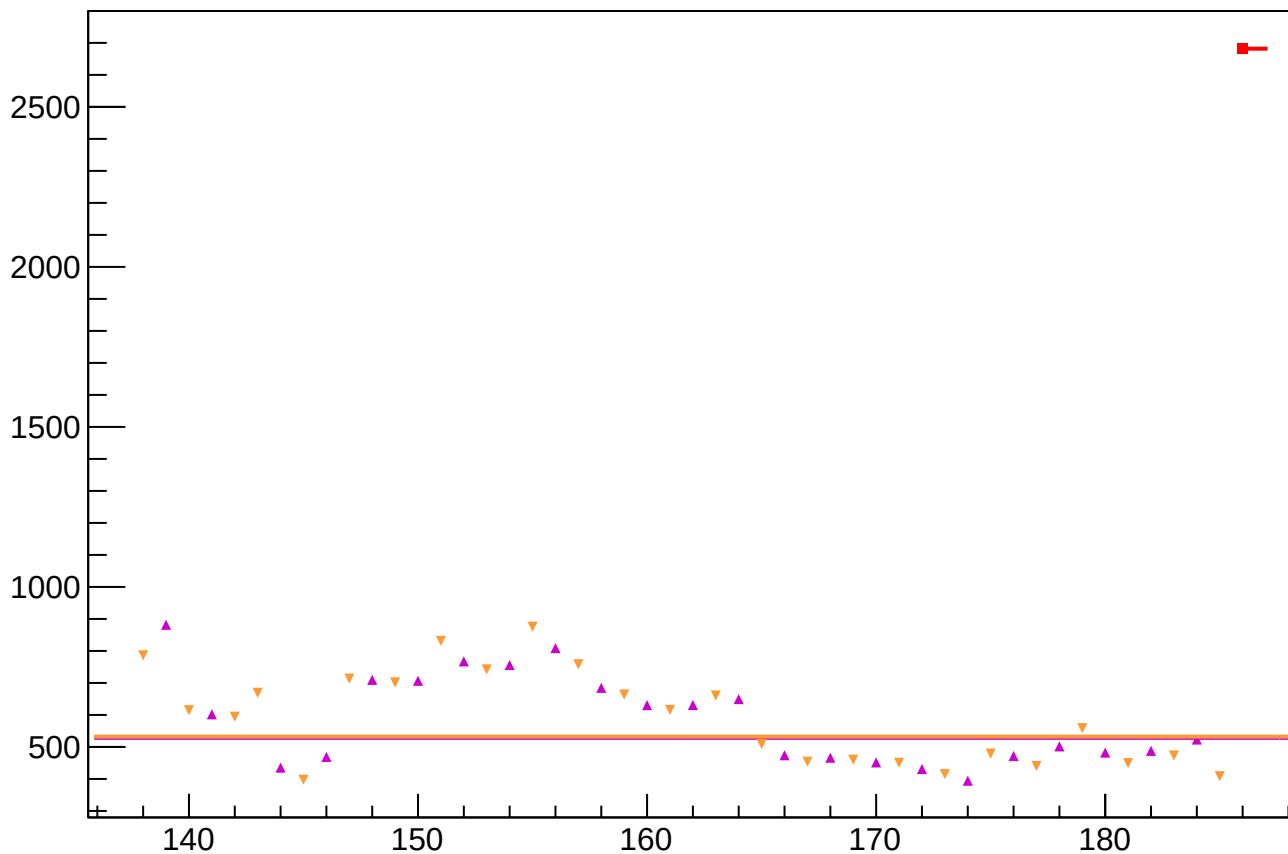
Left In: -43.183 $\pm$ 129.538 χ^2 /NDF: 26.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 310.020 $\pm$ 91.088 χ^2 /NDF: 104.3/48

- sign -46.700 $\pm$ 129.481 χ^2 /NDF: 26.9/23

asym_sam_37_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 532.393+/-0.091 χ^2/NDF : 1943066.8/24

Right Out: 2681.937+/-3.090 χ^2/NDF : 0.0/0

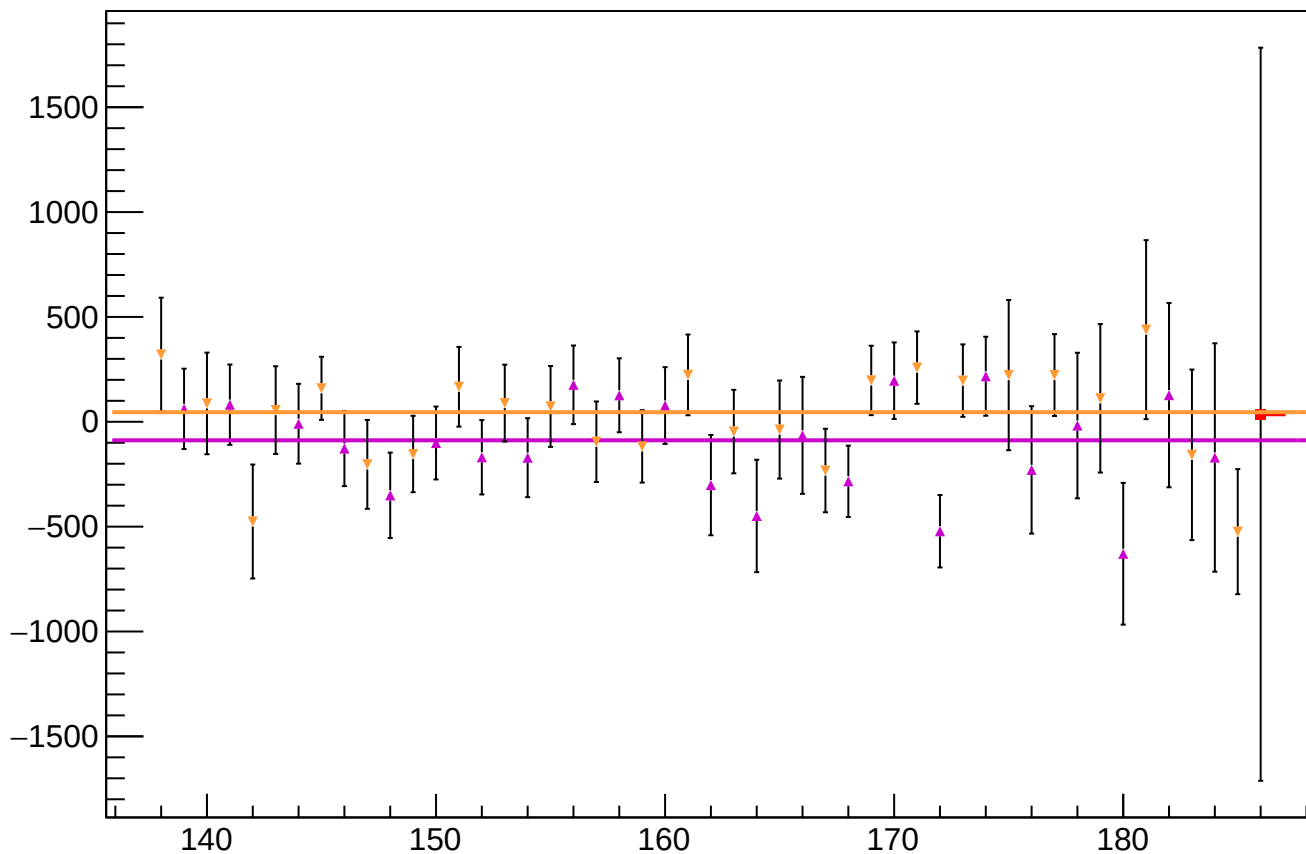
Left In: 528.464+/-0.092 χ^2/NDF : 1712049.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.384+/-0.064 χ^2/NDF : 4140614.4/48

- sign 530.355+/-0.092 χ^2/NDF : 2197297.4/23

dit_asym_sam_48_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

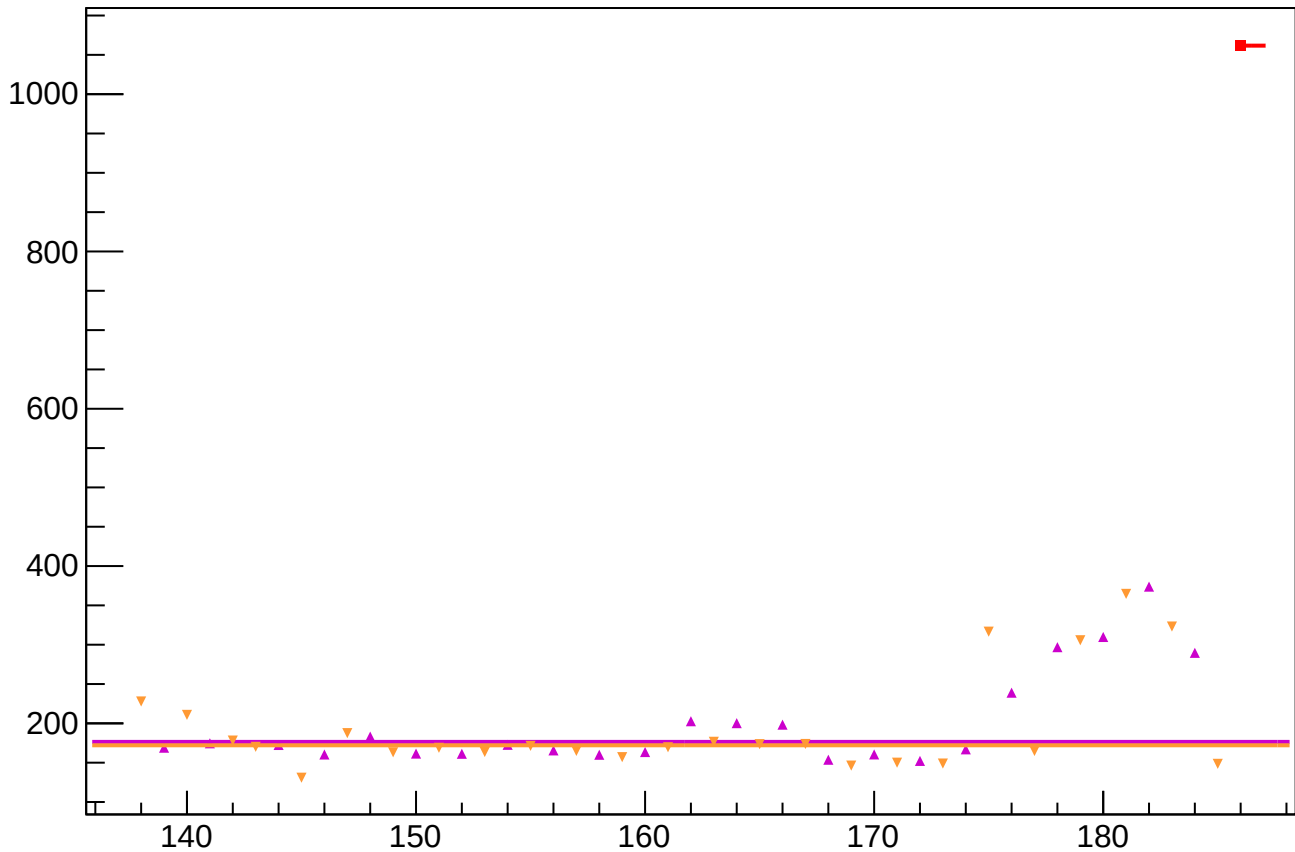
Left In: -88.356 $\pm$ 43.518 χ^2 /NDF:26.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.592 $\pm$ 30.134 χ^2 /NDF: 53.2/48

- sign -88.279 $\pm$ 43.505 χ^2 /NDF: 26.4/23

dit_asym_sam_48_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 172.097+/-0.030 χ^2/NDF :1752497.1/24

Right Out: 1061.708+/-1.236 χ^2/NDF : 0.0/0

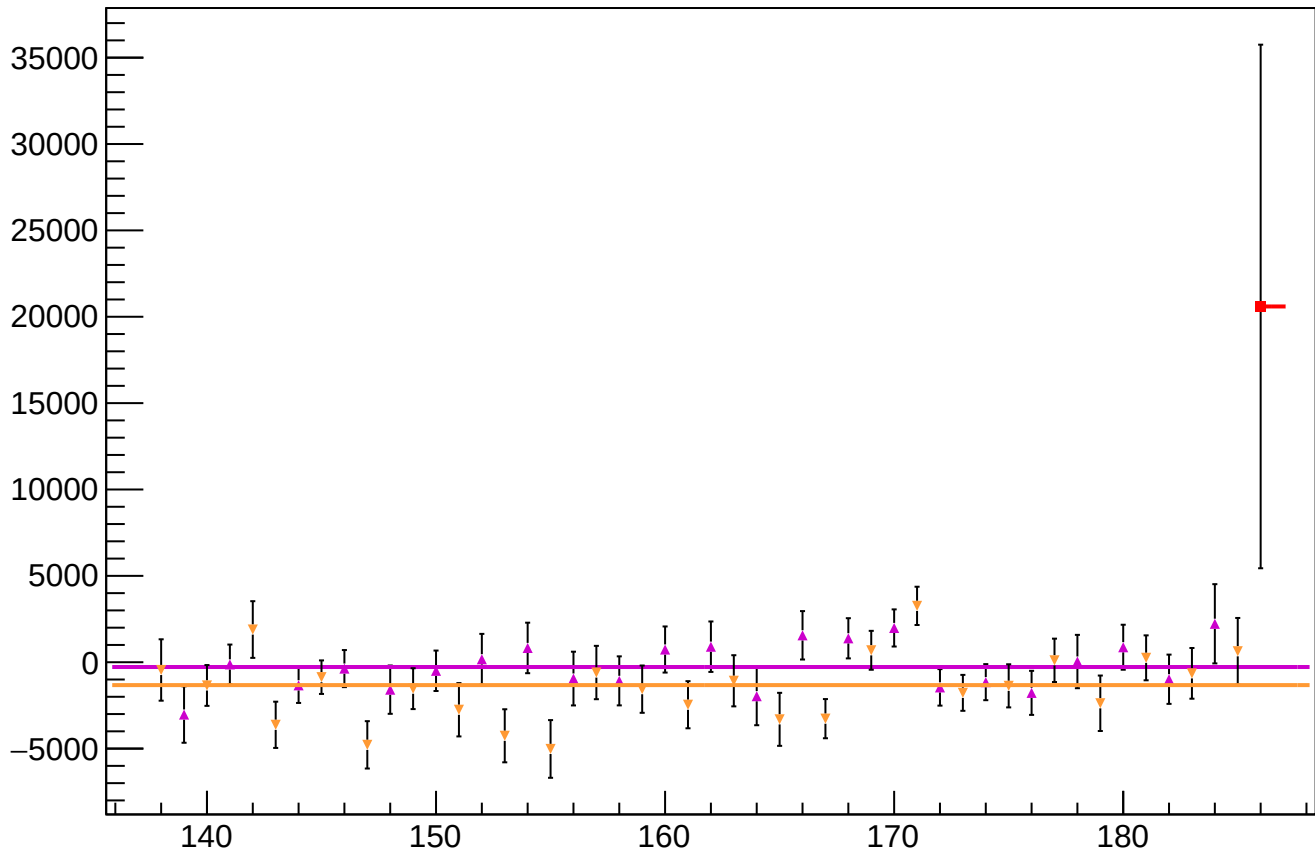
Left In: 176.425+/-0.031 χ^2/NDF :1360607.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.436+/-0.021 χ^2/NDF : 3638912.7/48

- sign 176.973+/-0.031 χ^2/NDF : 1873342.9/23

asym_sam_48_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1324.367 $\pm$ 265.950 χ^2 /NDF:53.6/24

Right Out: 20595.593 $\pm$ 15156.045 χ^2 /NDF: 0.0/0

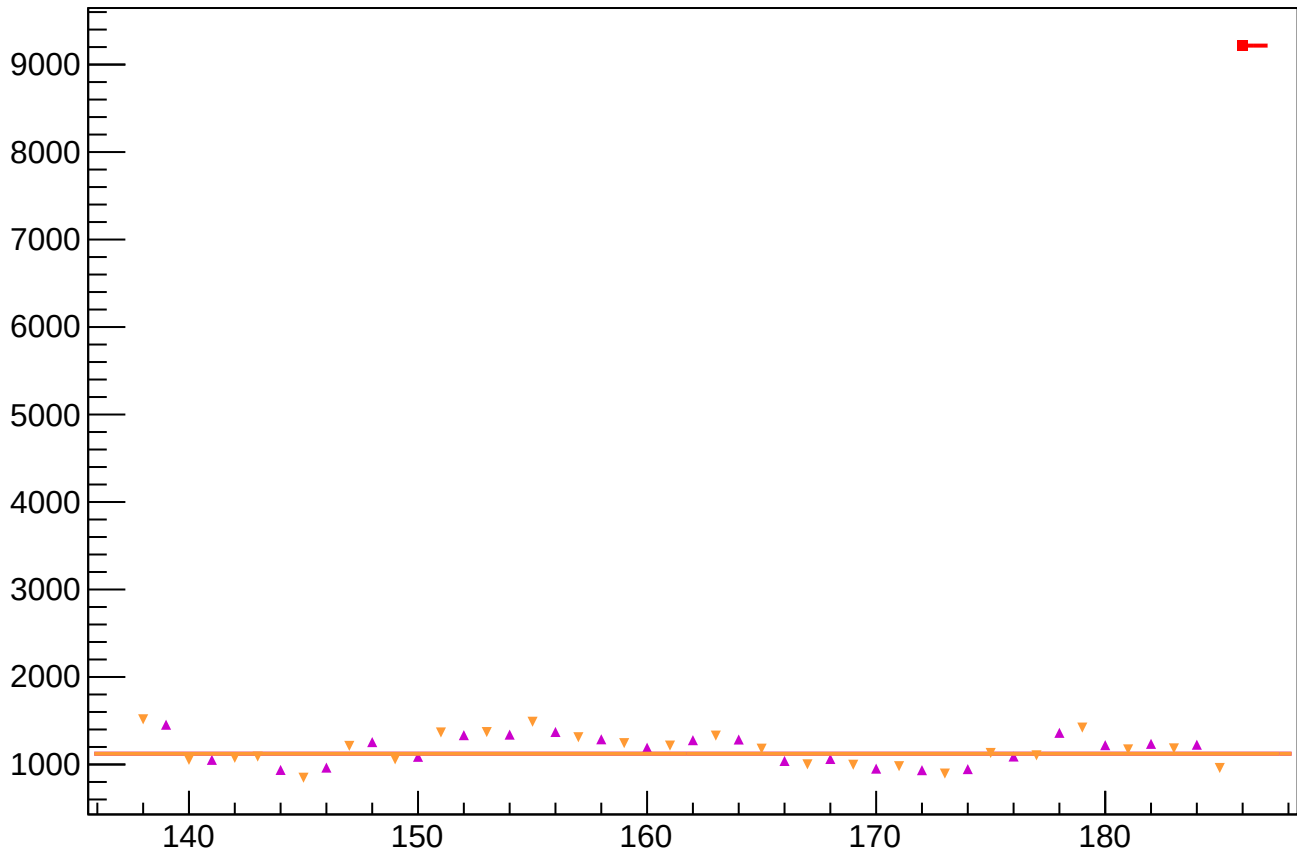
Left In: -276.678 $\pm$ 270.547 χ^2 /NDF:22.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -806.147 $\pm$ 189.644 χ^2 /NDF: 85.3/48

- sign -270.029 $\pm$ 270.504 χ^2 /NDF: 23.9/23

asym_sam_48_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1123.022+/-0.188 χ^2/NDF : 842393.5/24

Right Out: 9216.680+/-10.717 χ^2/NDF : 0.0/0

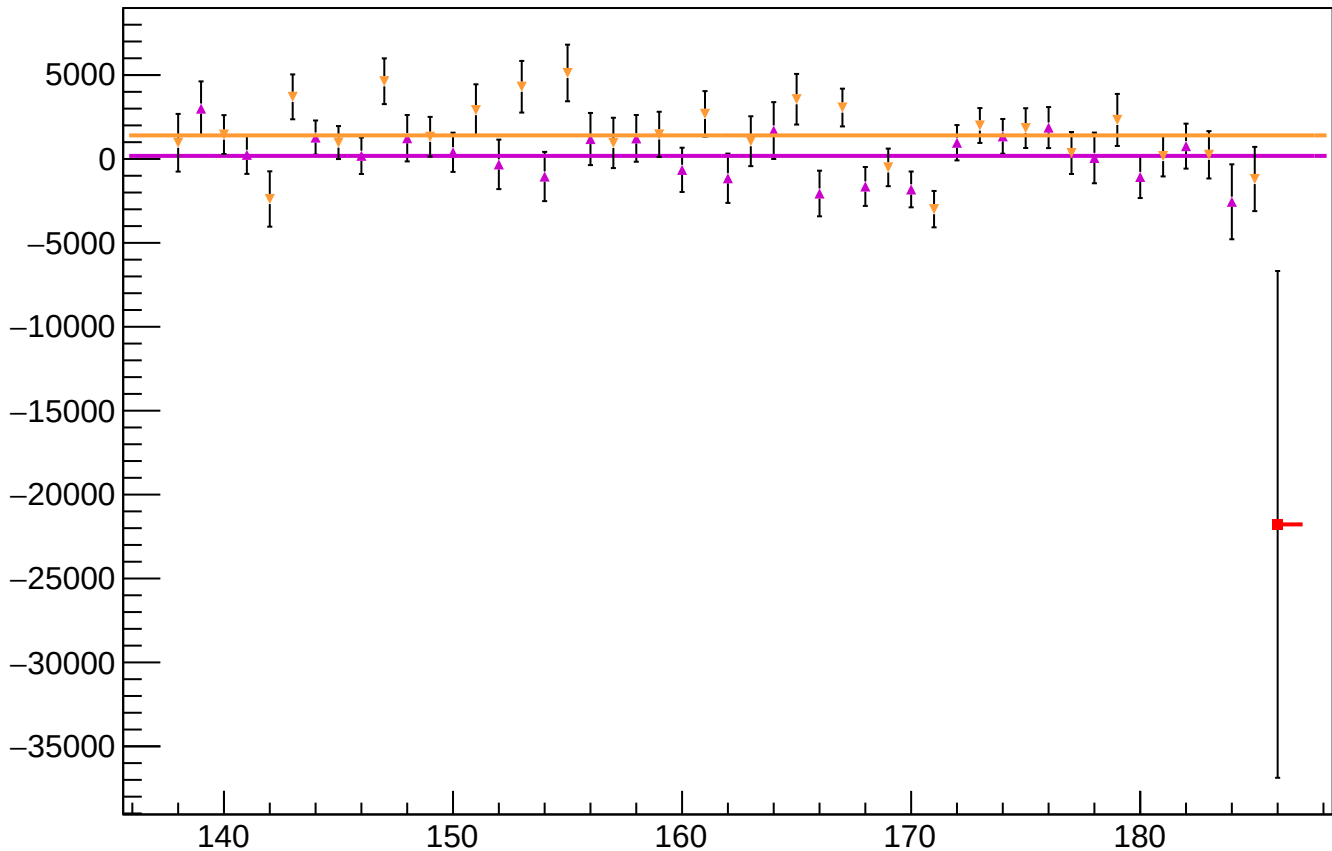
Left In: 1123.148+/-0.191 χ^2/NDF : 689778.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1124.351+/-0.134 χ^2/NDF : 2102432.6/48

- sign 1125.726+/-0.191 χ^2/NDF : 1259937.5/23

asym_sam_48_avg_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 1404.763 ± 262.517 χ^2/NDF : 53.1/24

Right Out: -21775.967 ± 15099.885 χ^2/NDF : 0.0/0

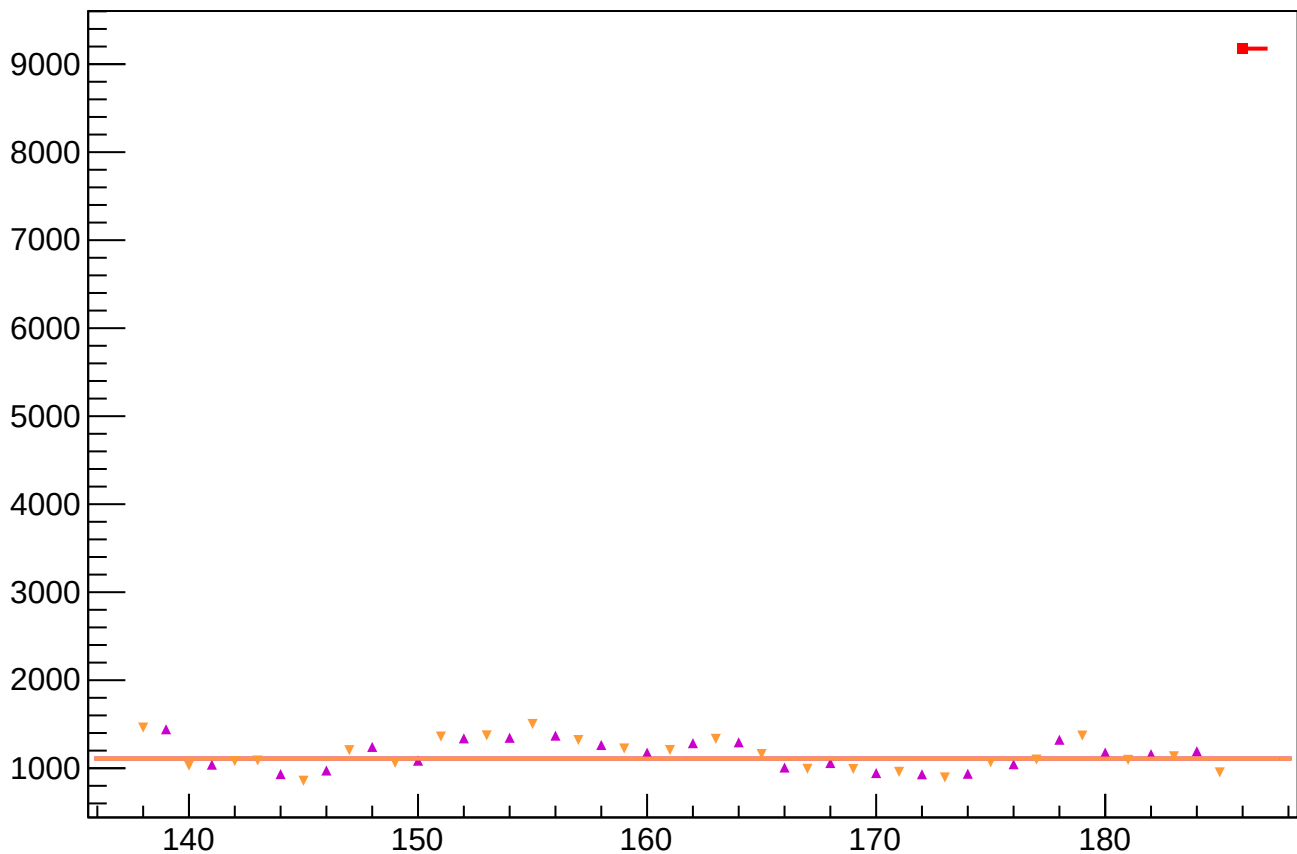
Left In: 183.249 ± 267.620 χ^2/NDF : 23.7/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 802.285 ± 187.391 χ^2/NDF : 89.7/48

- sign 176.353 ± 267.578 χ^2/NDF : 25.8/23

asym_sam_48_avg_rms vs Slug



Right In: 0.000+/-0.000 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

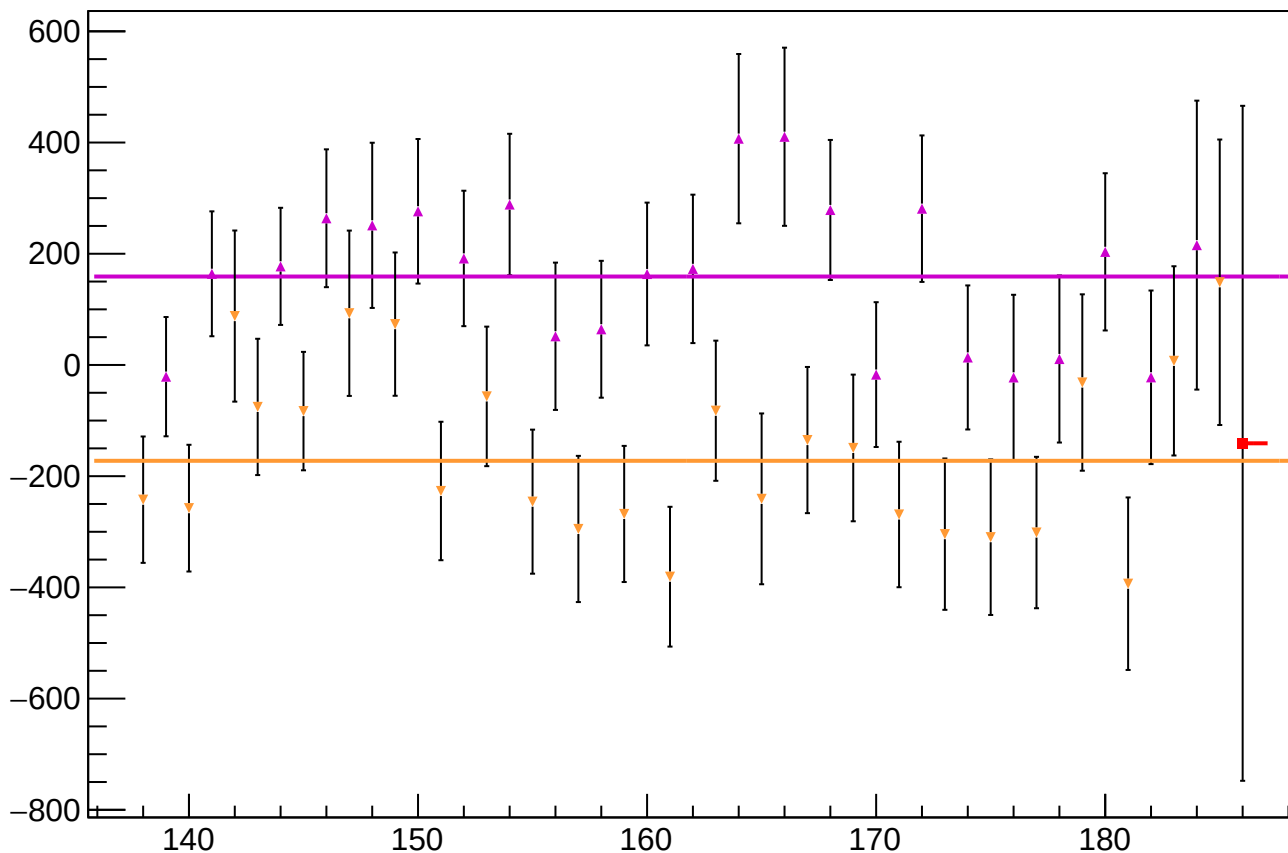
Left In: 1110.162+/-0.189 χ^2/NDF : 673229.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1111.105+/-0.133 χ^2/NDF : 2056895.5/48

- sign 1112.695+/-0.189 χ^2/NDF : 1243799.1/23

dit_asym_sam_15_dd_mean vs Slug



Right In: 0.000 ± 0.000 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

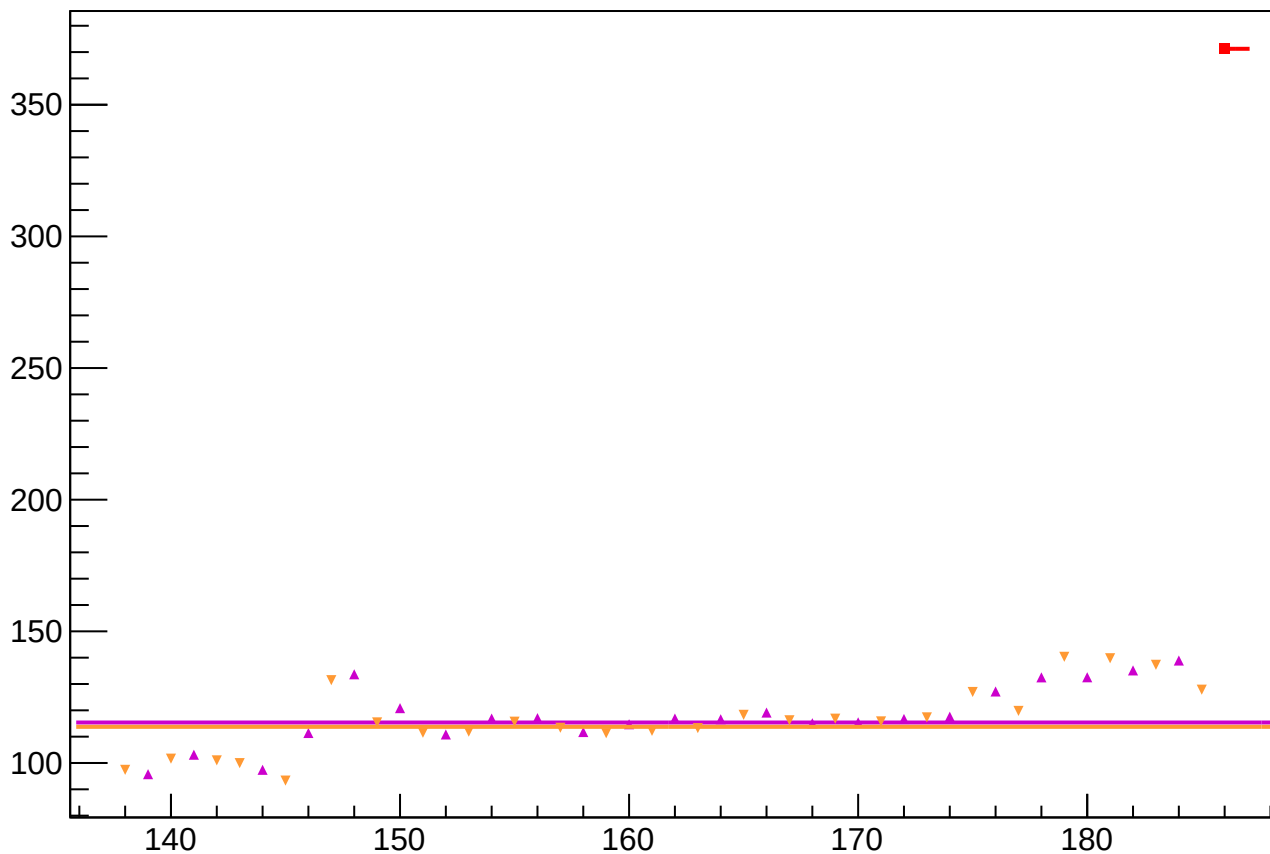
Left In: 159.044 ± 27.608 χ^2/NDF : 21.1/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.267 ± 19.187 χ^2/NDF : 122.8/48

- sign 158.424 ± 27.579 χ^2/NDF : 21.3/23

dit_asym_sam_15_dd_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 113.727 $\pm$ 0.019 χ^2 /NDF: 392153.8/24

Right Out: 371.249 $\pm$ 0.429 χ^2 /NDF: 0.0/0

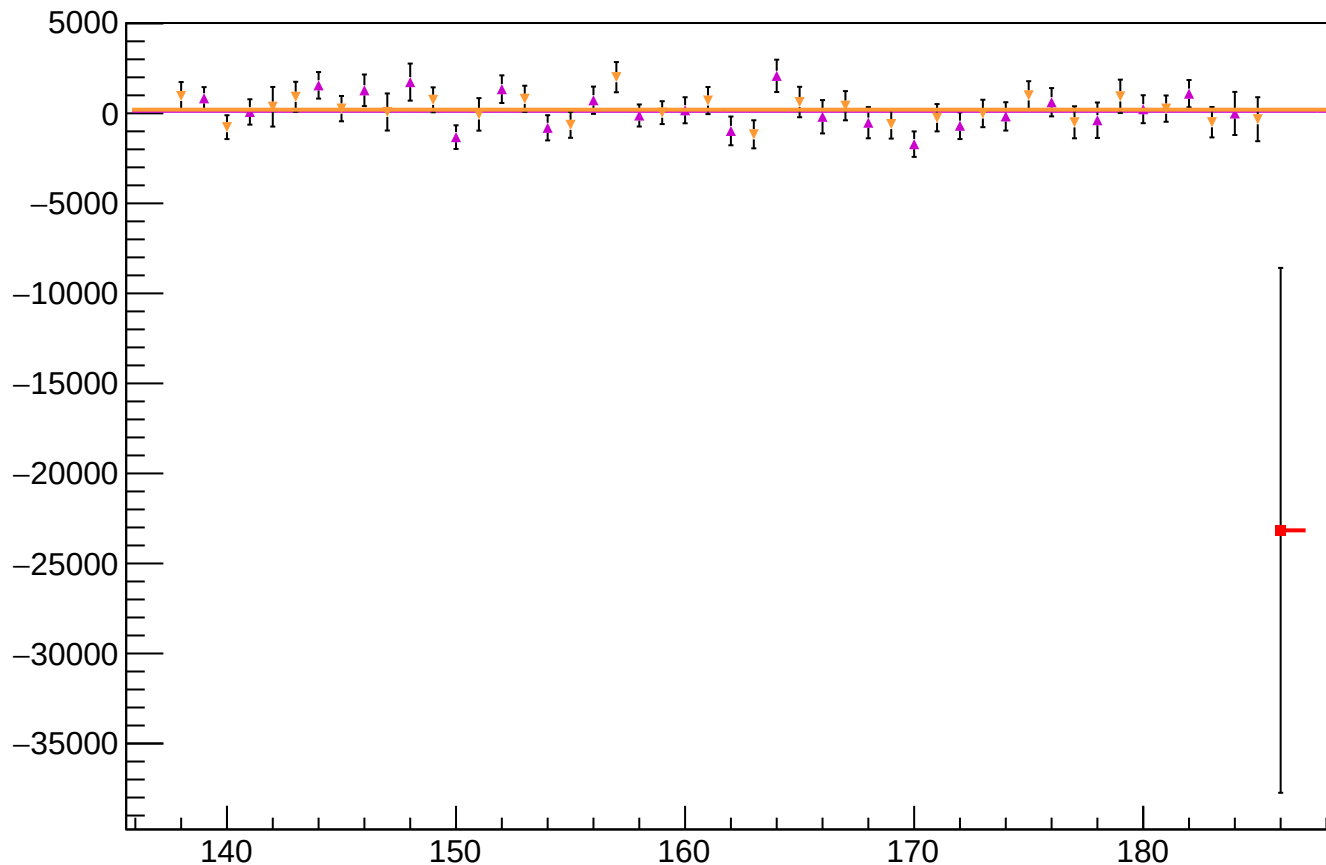
Left In: 115.377 $\pm$ 0.020 χ^2 /NDF: 309034.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.781 $\pm$ 0.014 χ^2 /NDF: 1062368.3/48

- sign 115.905 $\pm$ 0.020 χ^2 /NDF: 663779.0/23

asym_sam_15_dd_correction_mean vs Slug



Right In: 0.000 ± 0.000 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

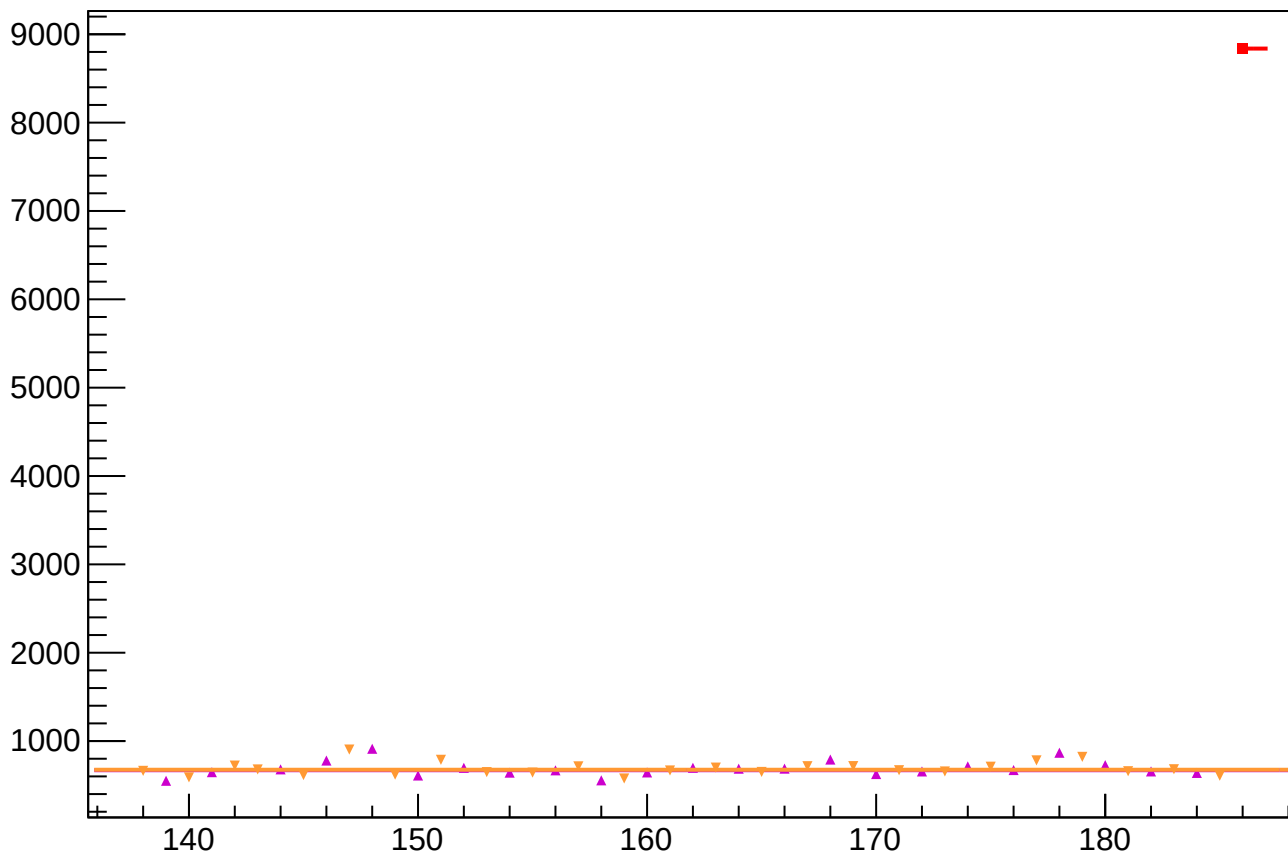
Left In: 140.039 ± 161.024 χ^2/NDF : 36.9/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 170.235 ± 113.146 χ^2/NDF : 59.3/48

- sign 137.196 ± 161.014 χ^2/NDF : 39.4/23

asym_sam_15_dd_correction_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

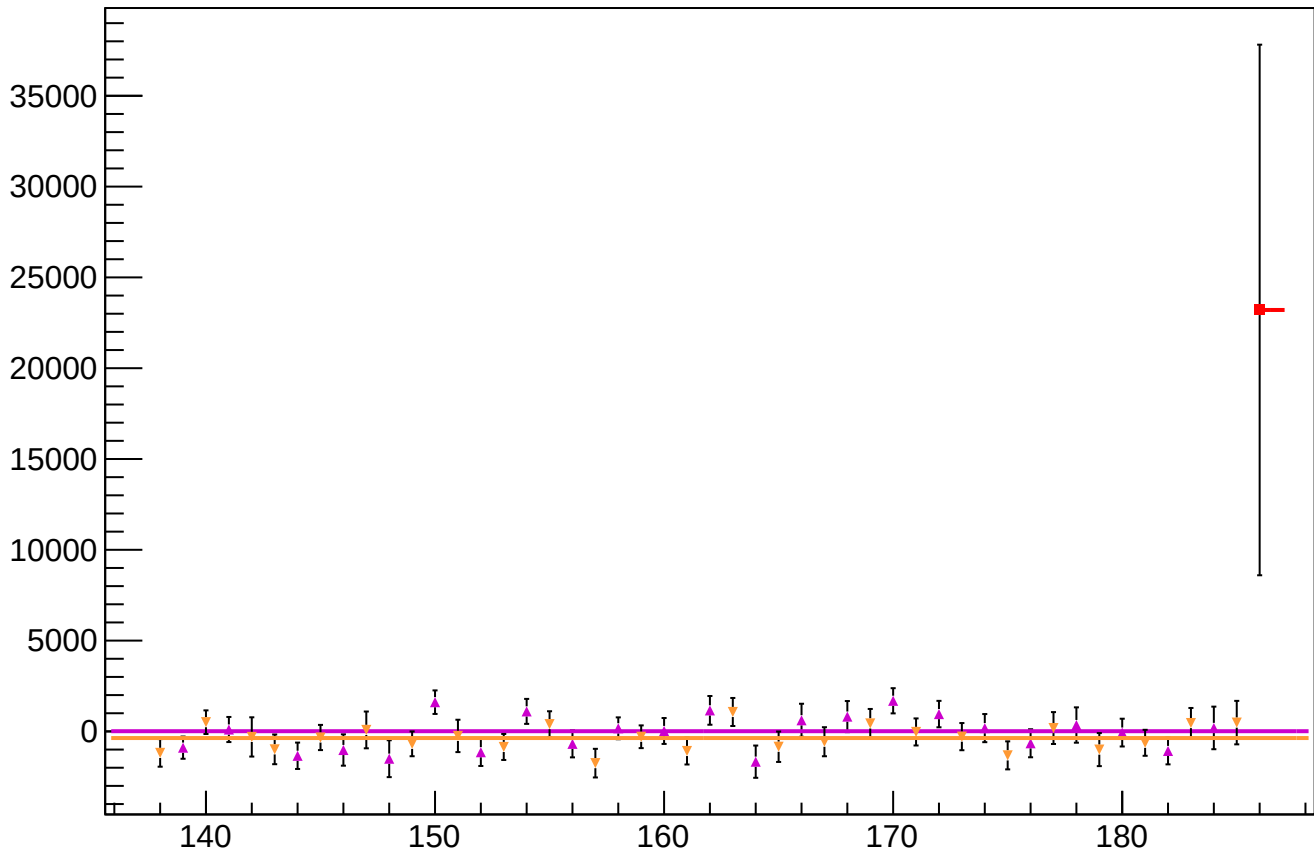
Left In: 669.938 $\pm$ 0.114 χ^2 /NDF:464085.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 673.162 $\pm$ 0.080 χ^2 /NDF: 1451519.9/48

- sign 670.934 $\pm$ 0.114 χ^2 /NDF: 1092050.2/23

asym_sam_15_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -365.394 $\pm$ 156.301 χ^2 /NDF: 18.7/24

Right Out: 23206.426 $\pm$ 14608.895 χ^2 /NDF: 0.0/0

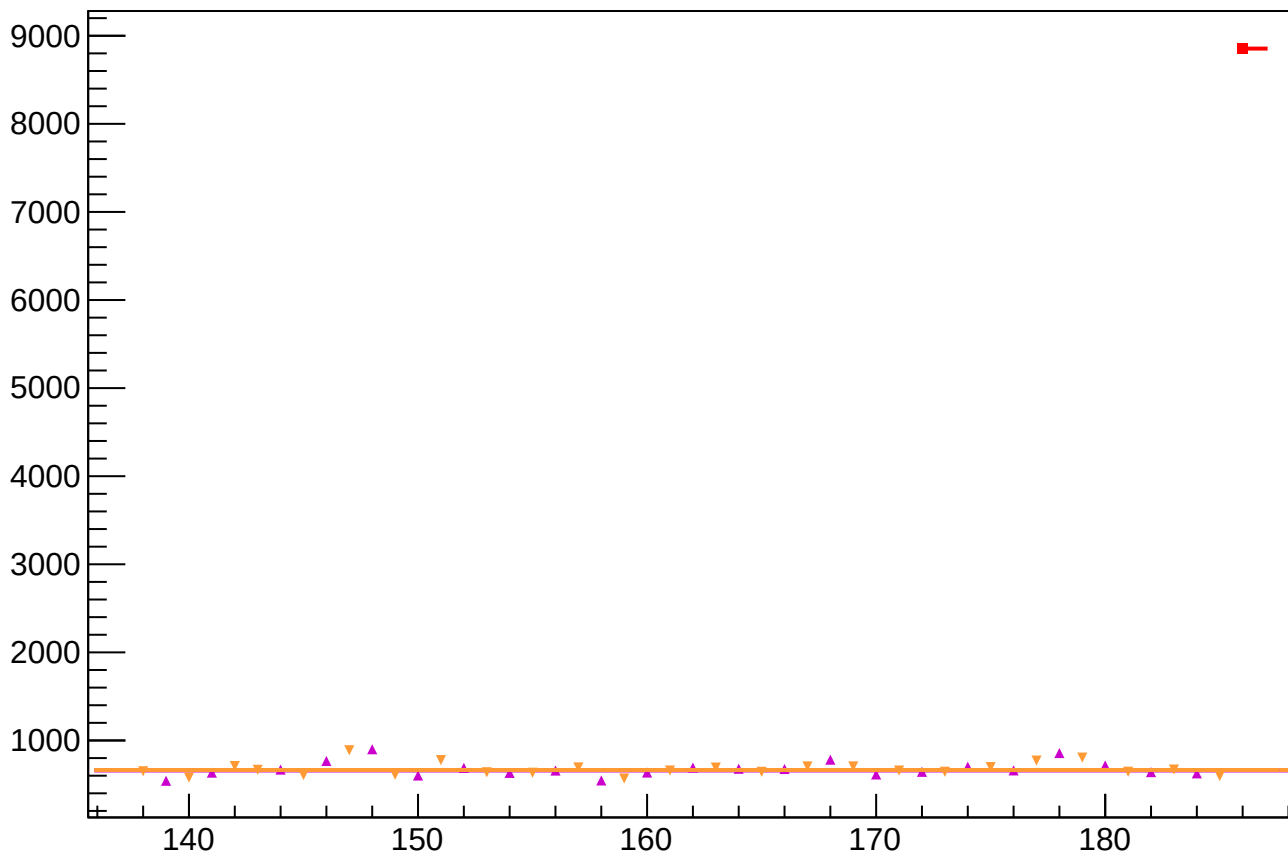
Left In: 11.243 $\pm$ 158.497 χ^2 /NDF: 38.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -178.346 $\pm$ 111.287 χ^2 /NDF: 63.0/48

- sign 13.973 $\pm$ 158.488 χ^2 /NDF: 41.3/23

asym_sam_15_dd_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

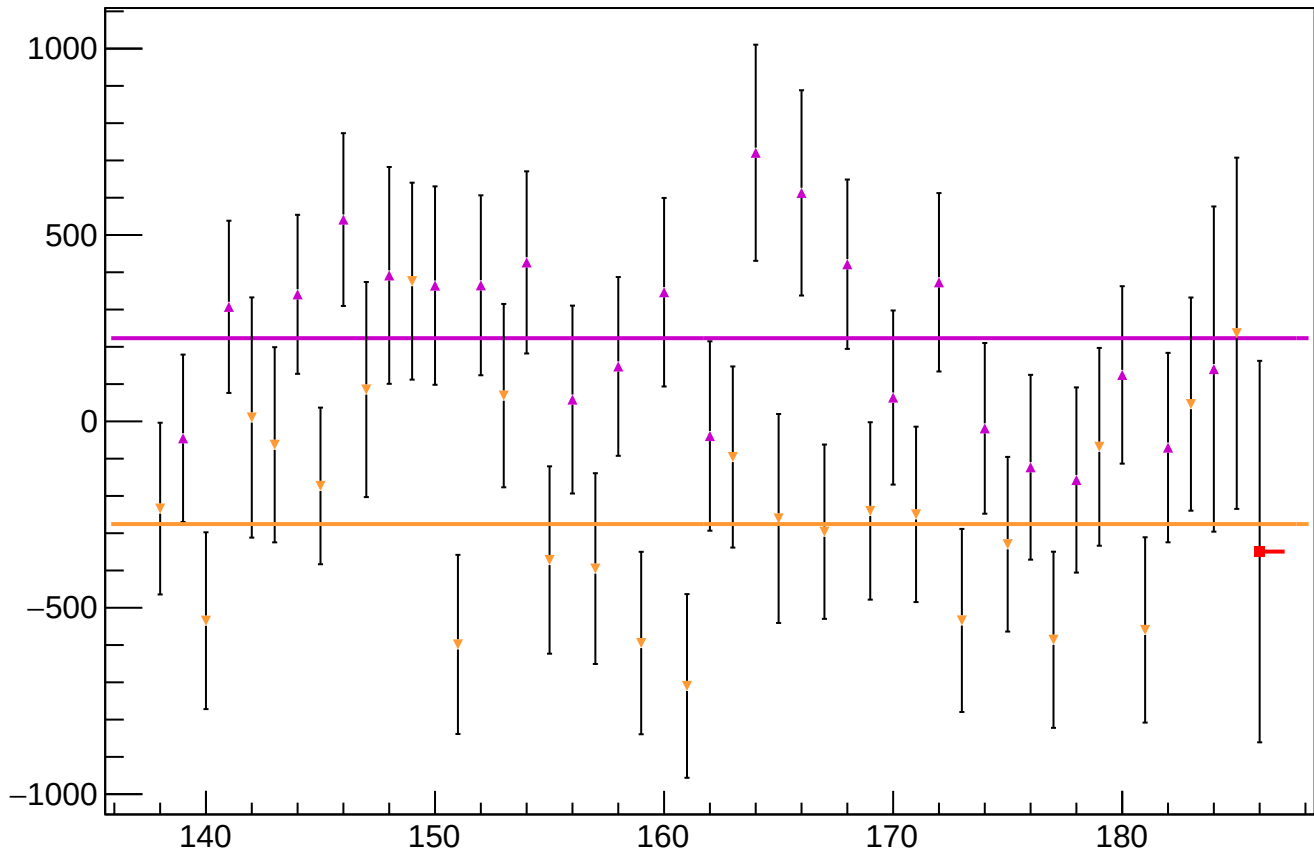
Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 662.437 $\pm$ 0.079 χ^2 /NDF: 1459809.1/48

- sign 660.194 $\pm$ 0.112 χ^2 /NDF: 1102054.9/23

dit_asym_sam_26_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

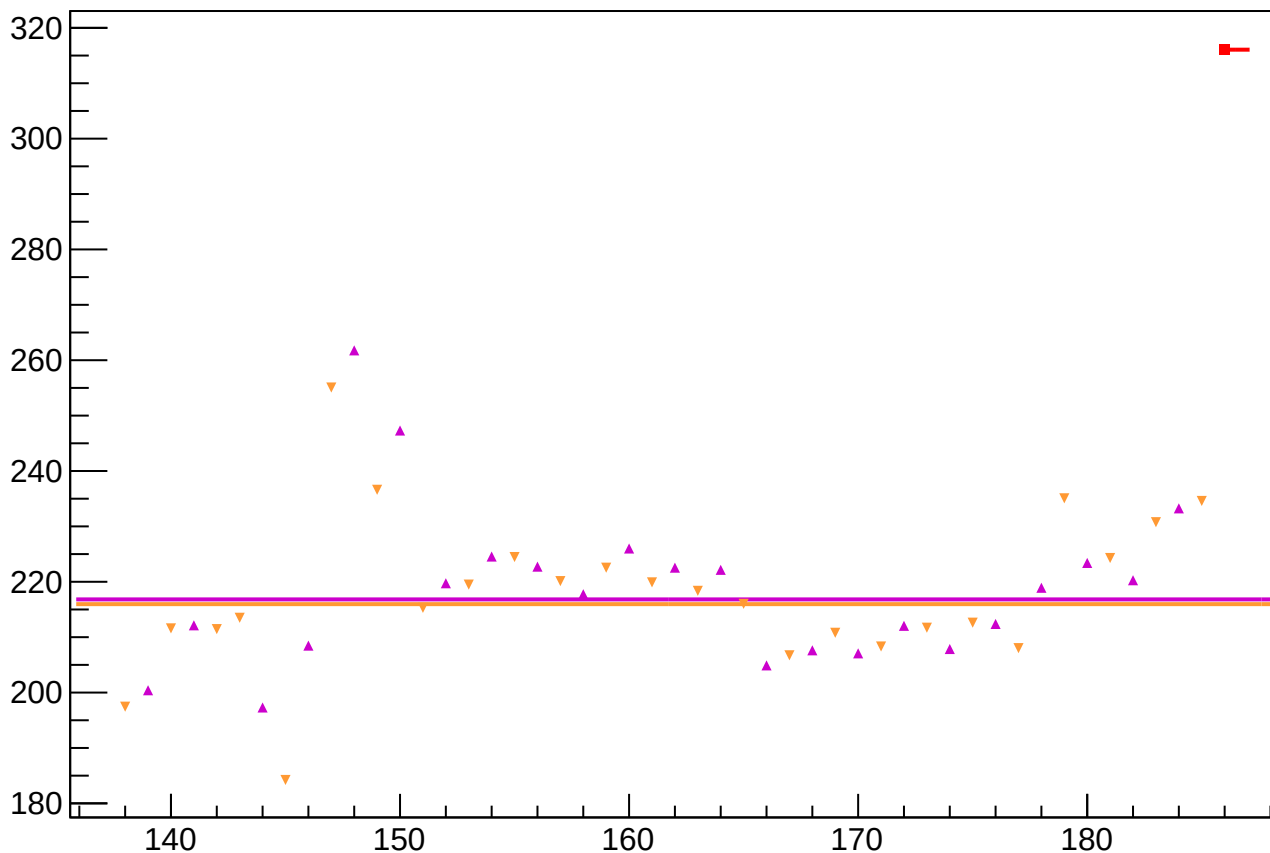
Left In: 223.195 $\pm$ 51.742 χ^2 /NDF:20.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.562 $\pm$ 36.064 χ^2 /NDF: 96.0/48

- sign 217.400 $\pm$ 51.479 χ^2 /NDF: 22.0/23

dit_asym_sam_26_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 215.963+/-0.036 χ^2/NDF :144735.1/24

Right Out: 316.062+/-0.362 χ^2/NDF : 0.0/0

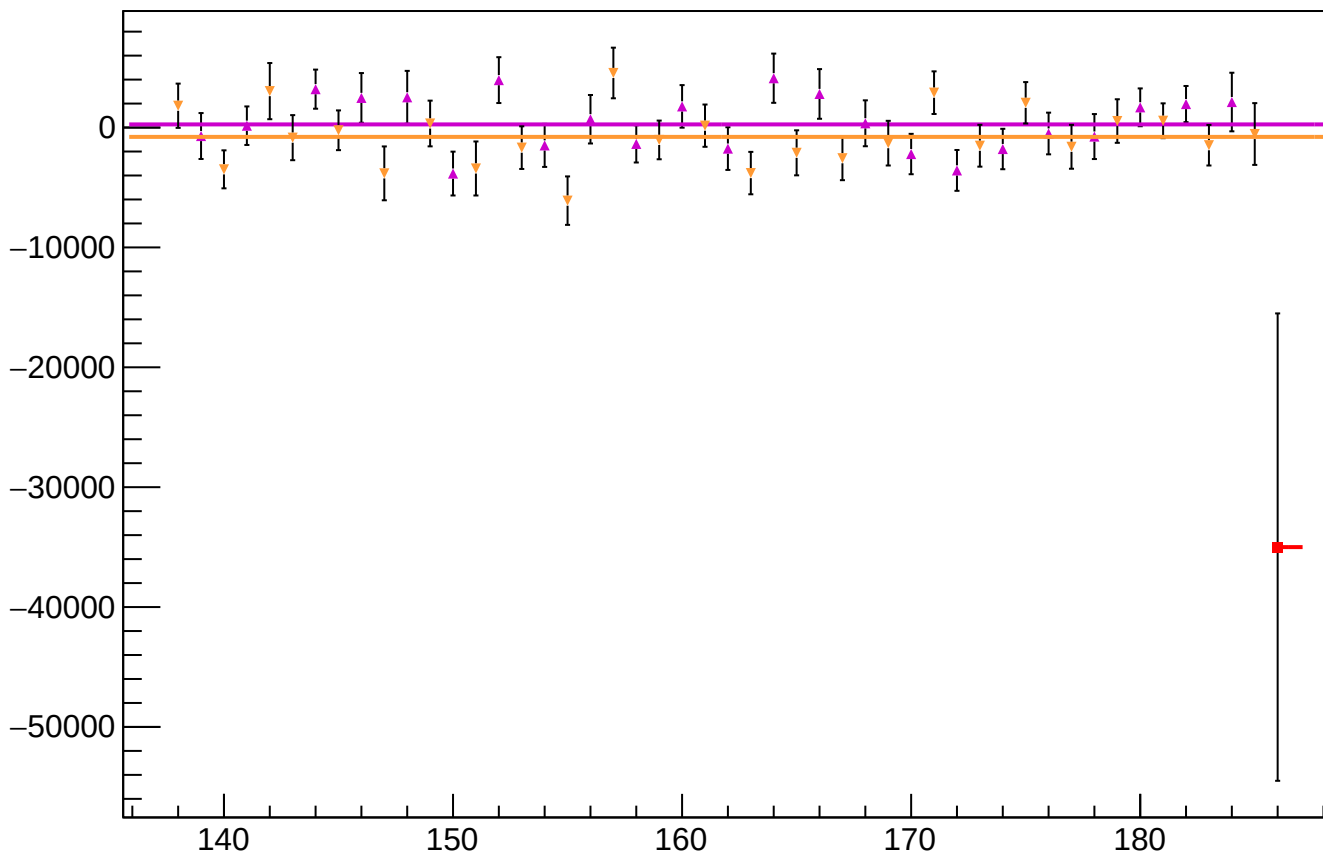
Left In: 216.821+/-0.037 χ^2/NDF :132518.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.877+/-0.026 χ^2/NDF : 353060.0/48

- sign 217.826+/-0.036 χ^2/NDF : 206991.8/23

asym_sam_26_dd_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -779.146+/-366.965 χ^2/NDF : 38.5/24

Right Out: -34998.912+/-19494.191 χ^2/NDF : 0.0/0

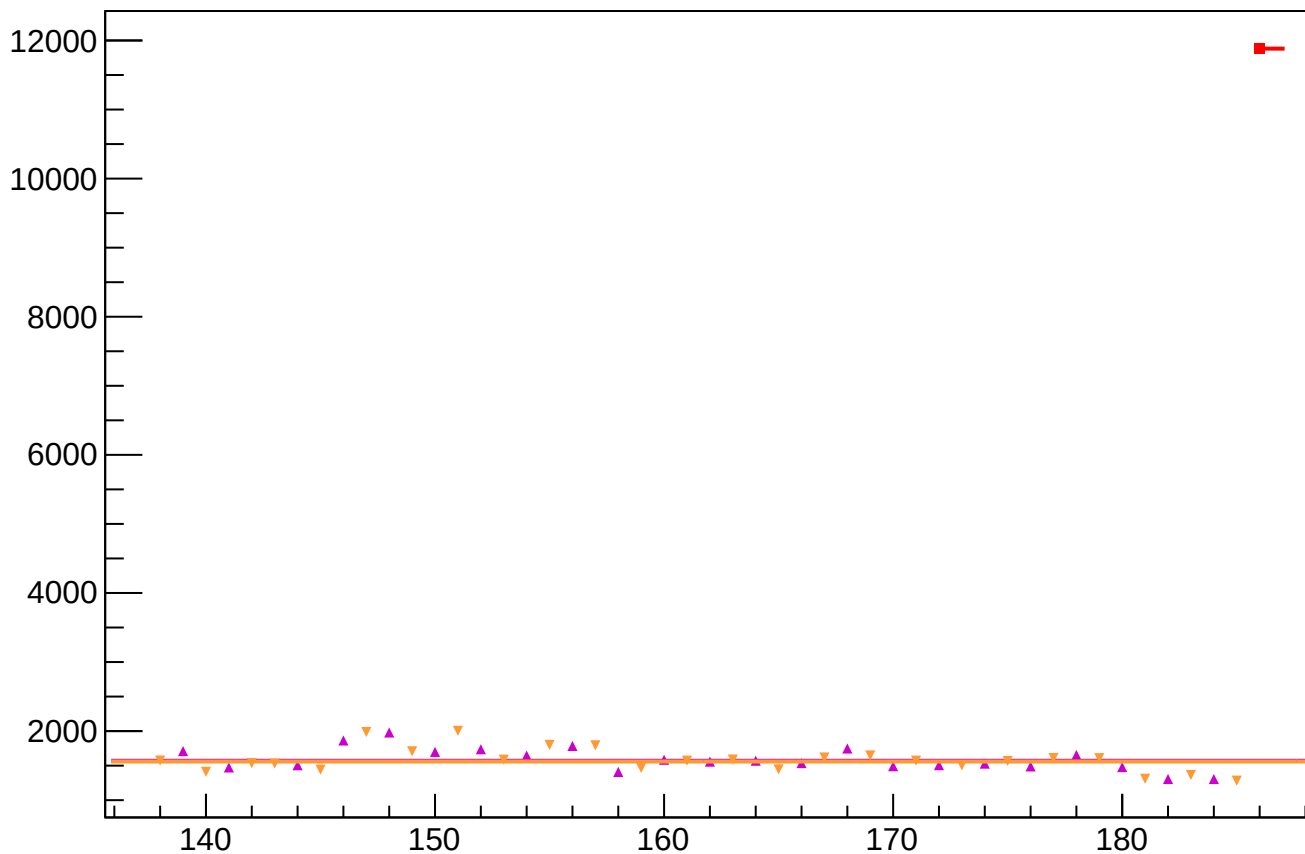
Left In: 261.815+/-376.203 χ^2/NDF : 35.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -277.908+/-262.665 χ^2/NDF : 81.0/48

- sign 248.688+/-376.133 χ^2/NDF : 38.7/23

asym_sam_26_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1559.504+/-0.259 χ^2/NDF : 379160.1/24

Right Out: 11882.091+/-13.784 χ^2/NDF : 0.0/0

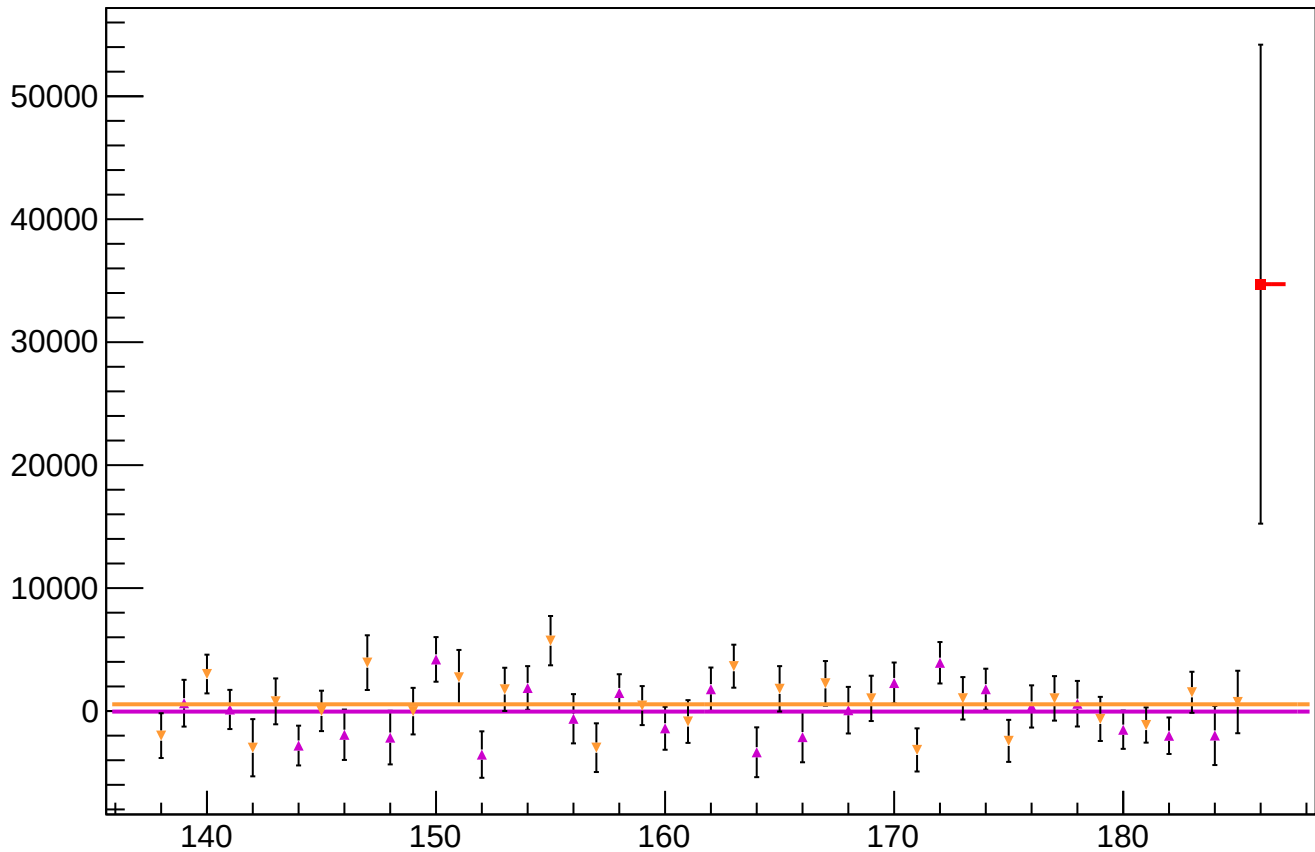
Left In: 1570.331+/-0.266 χ^2/NDF : 329434.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.656+/-0.186 χ^2/NDF : 1269553.5/48

- sign 1574.169+/-0.266 χ^2/NDF : 888835.8/23

asym_sam_26_dd_mean vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 550.093 ± 362.172 $\chi^2/\text{NDF}: 35.6/24$

Right Out: 34718.786 ± 19477.883 $\chi^2/\text{NDF}: 0.0/0$

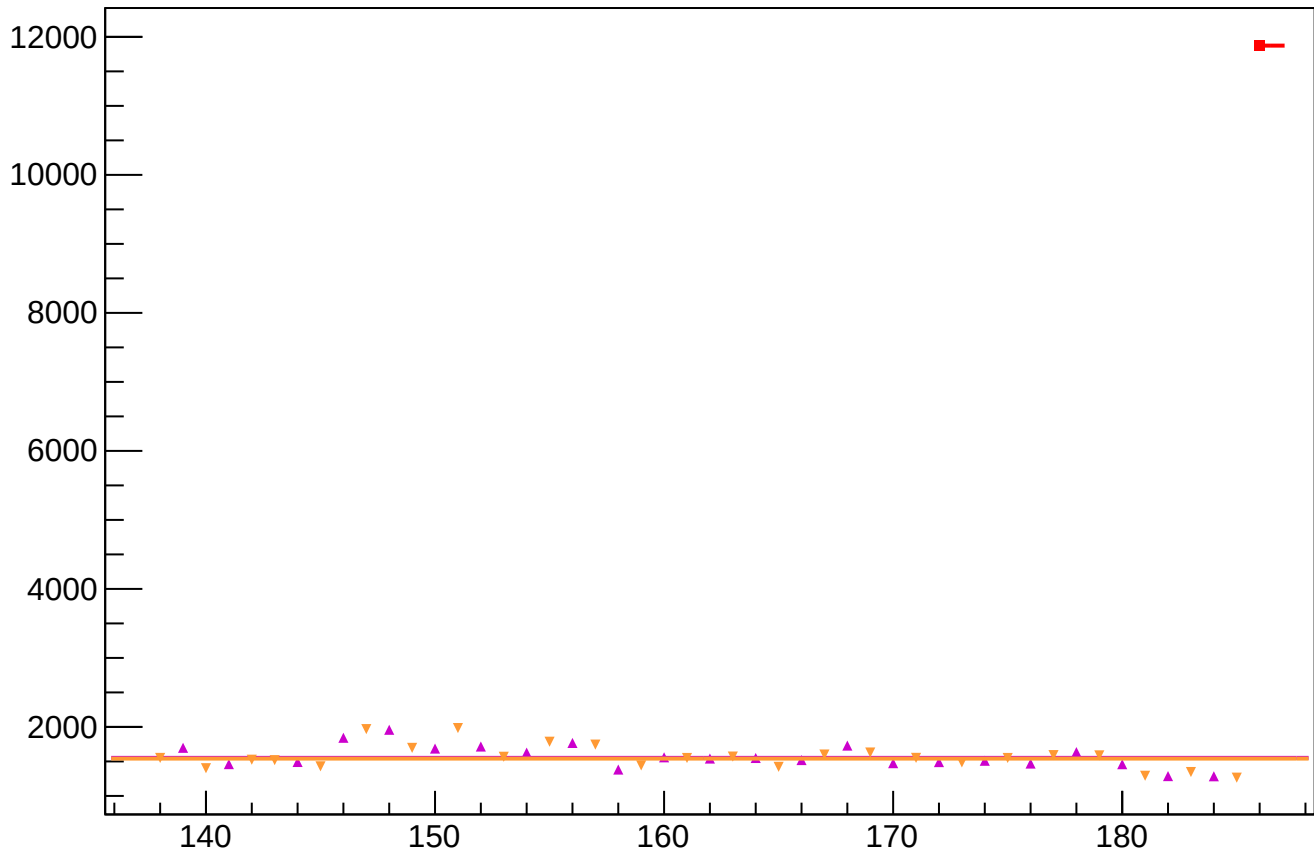
Left In: -43.949 ± 371.765 $\chi^2/\text{NDF}: 33.5/22$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 266.947 ± 259.397 $\chi^2/\text{NDF}: 73.5/48$

- sign -31.290 ± 371.698 $\chi^2/\text{NDF}: 36.7/23$

asym_sam_26_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1541.149+/-0.256 χ^2/NDF : 382077.8/24

Right Out: 11873.199+/-13.773 χ^2/NDF : 0.0/0

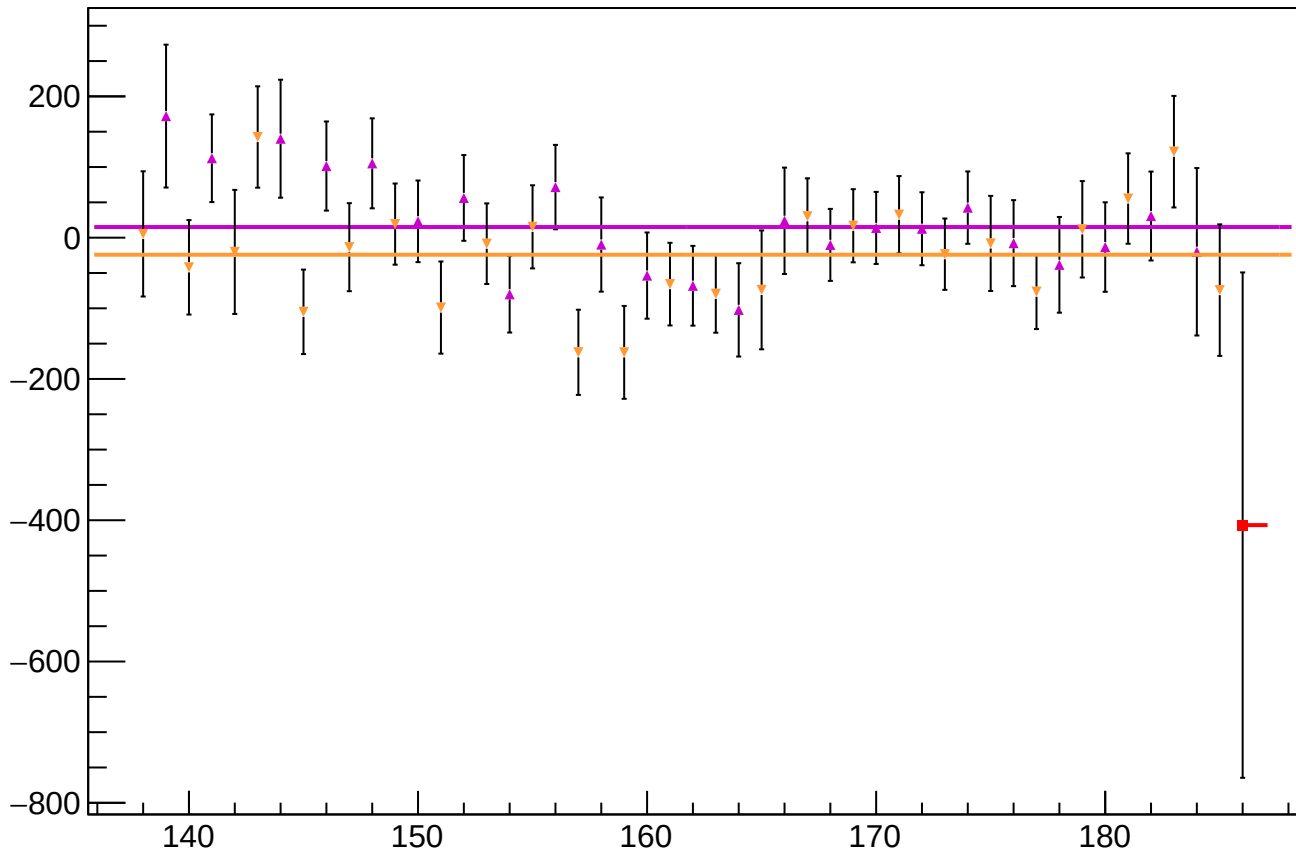
Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.011+/-0.183 χ^2/NDF : 1283980.8/48

- sign 1555.240+/-0.263 χ^2/NDF : 900428.6/23

dit_asym_sam_37_dd_mean vs Slug



Right In: 0.000 ± 0.000 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

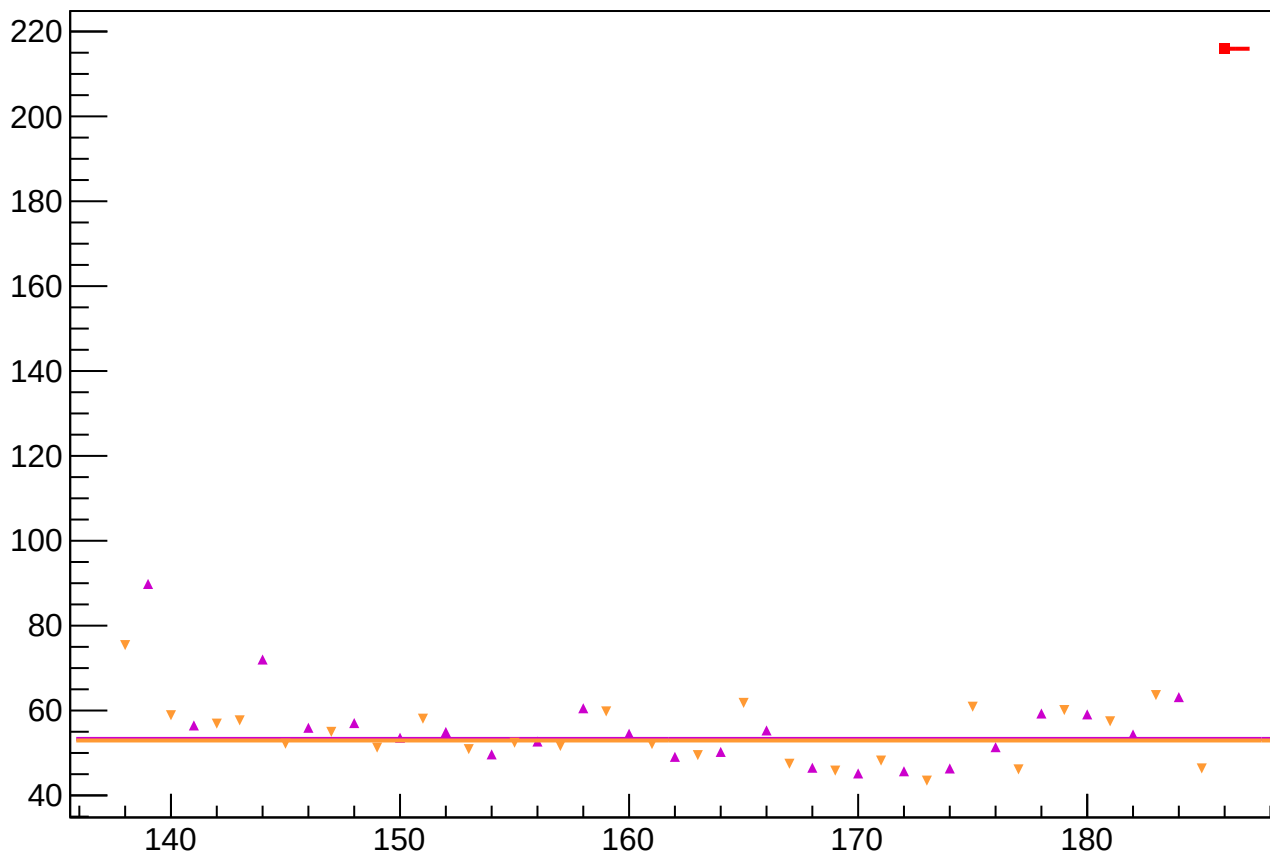
Left In: 15.058 ± 12.921 χ^2/NDF : 23.8/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.398 ± 8.990 χ^2/NDF : 60.5/48

- sign 14.508 ± 12.913 χ^2/NDF : 25.2/23

dit_asym_sam_37_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 52.942+/-0.009 χ^2/NDF : 513146.0/24

Right Out: 215.937+/-0.253 χ^2/NDF : 0.0/0

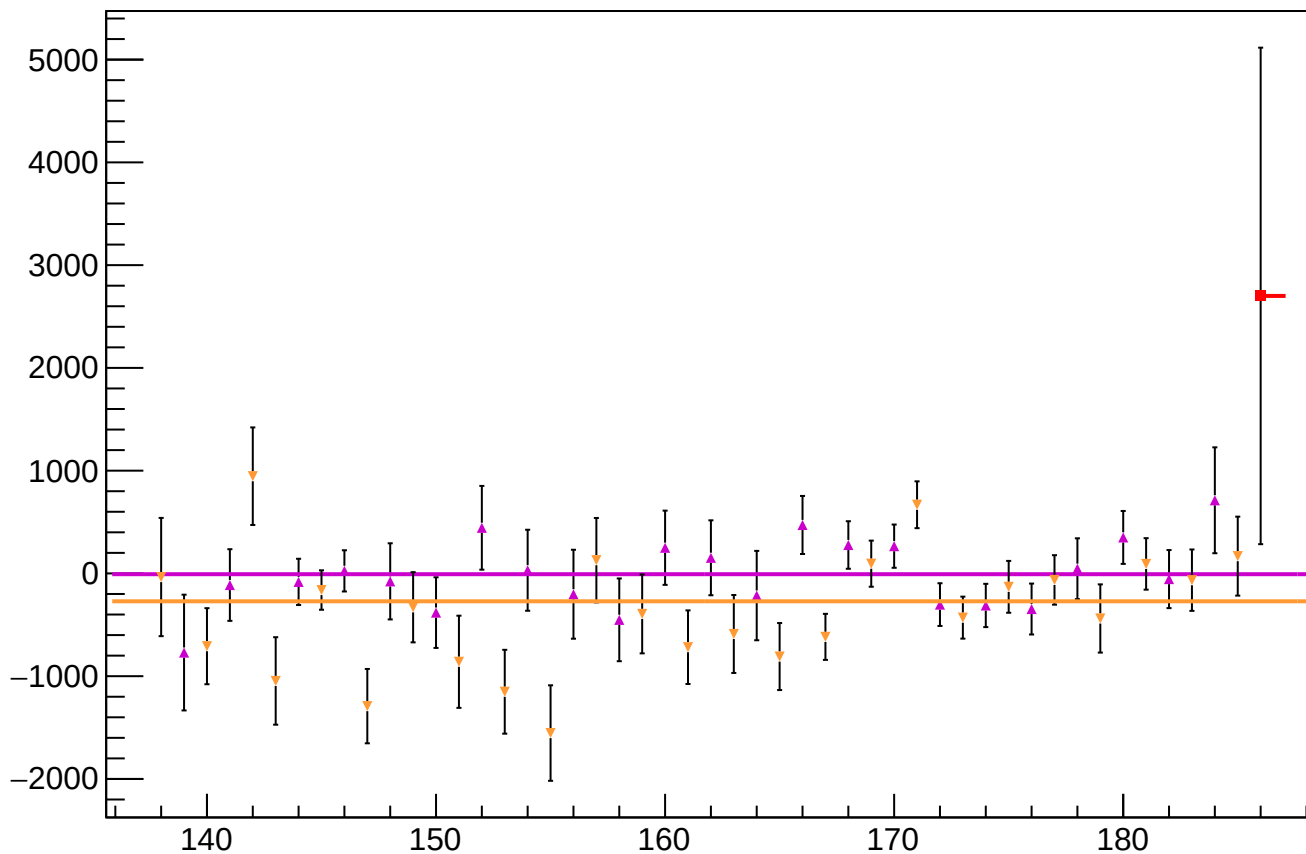
Left In: 53.312+/-0.009 χ^2/NDF : 644220.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.224+/-0.006 χ^2/NDF : 1572335.1/48

- sign 53.524+/-0.009 χ^2/NDF : 1057096.5/23

asym_sam_37_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

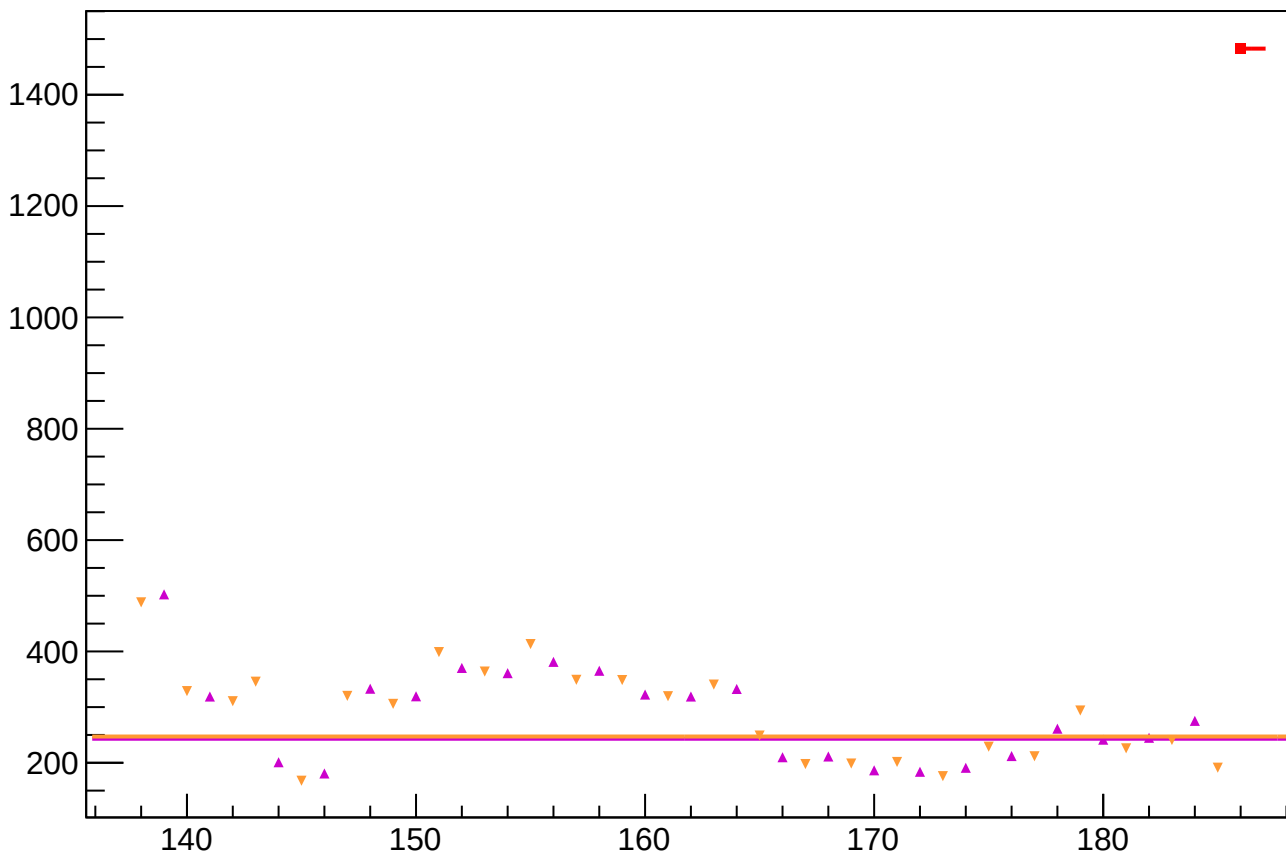
Left In: -7.535 $\pm$ 60.328 χ^2 /NDF:22.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -138.597 $\pm$ 42.636 χ^2 /NDF: 101.5/48

- sign -5.847 $\pm$ 60.309 χ^2 /NDF: 24.1/23

asym_sam_37_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 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

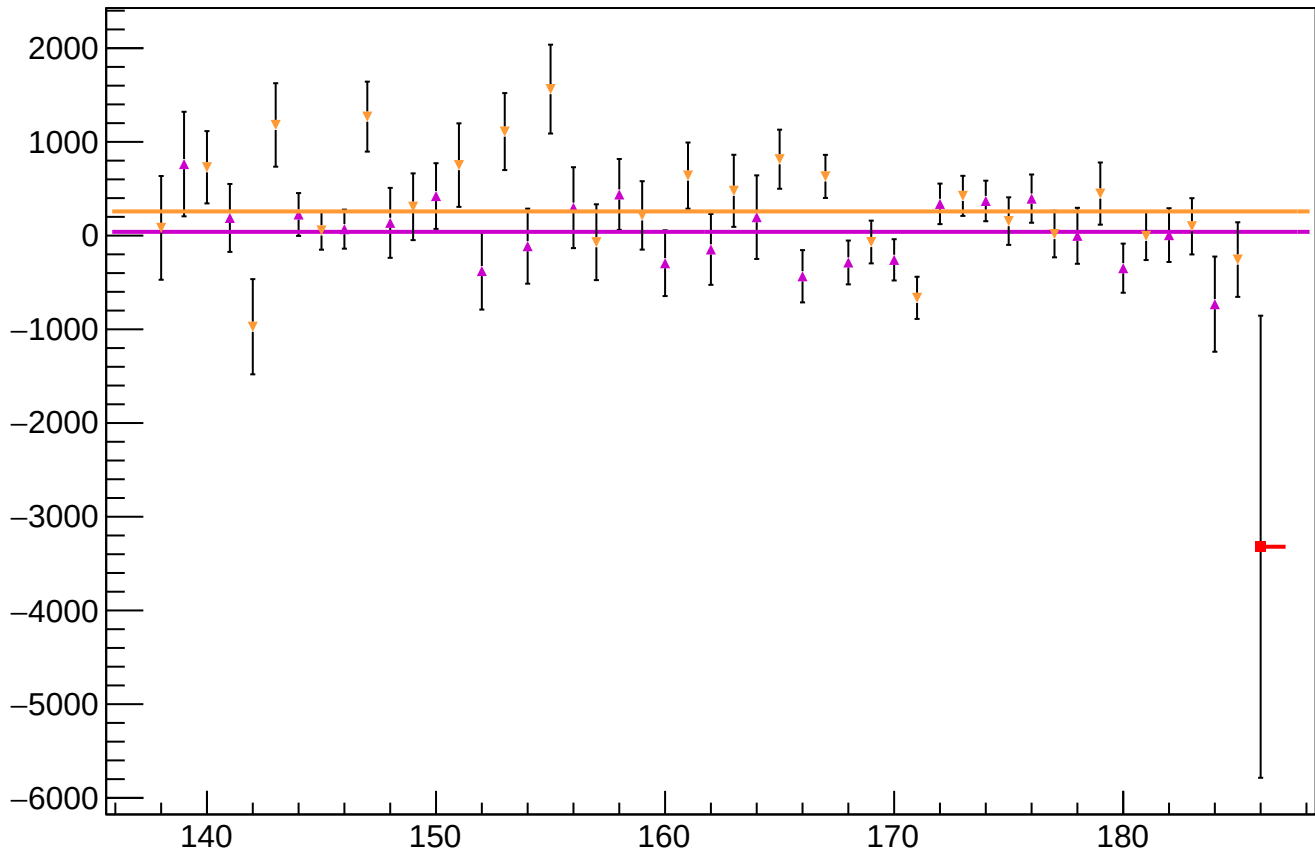
Left In: 243.189+/-0.043 χ^2/NDF : 2571190.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.564+/-0.030 χ^2/NDF : 5953615.0/48

- sign 243.961+/-0.043 χ^2/NDF : 3097488.9/23

asym_sam_37_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

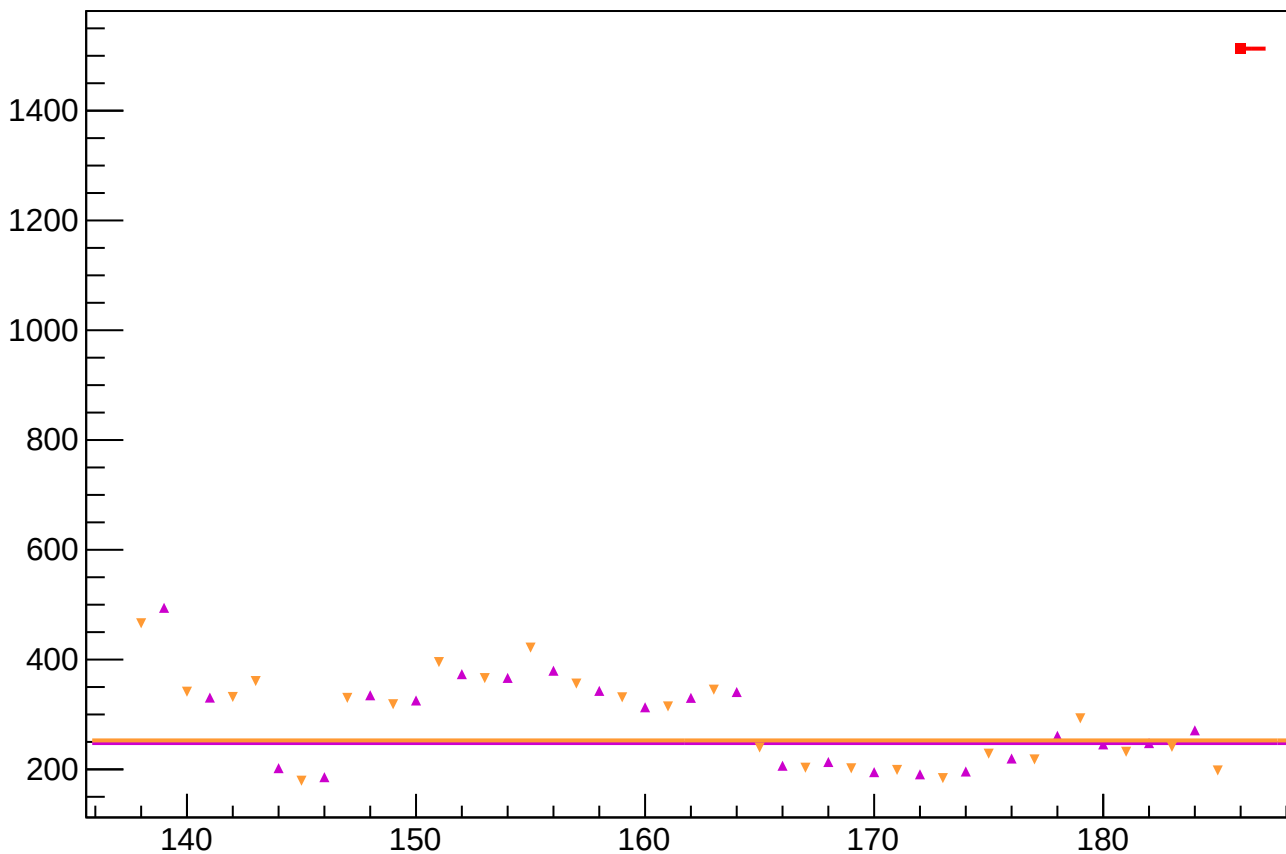
Left In: 40.015 $\pm$ 61.495 χ^2 /NDF: 25.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 147.965 $\pm$ 43.474 χ^2 /NDF: 98.3/48

- sign 37.926 $\pm$ 61.476 χ^2 /NDF: 26.9/23

asym_sam_37_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 252.721+/-0.043 χ^2/NDF : 2648800.3/24

Right Out: 1513.047+/-1.743 χ^2/NDF : 0.0/0

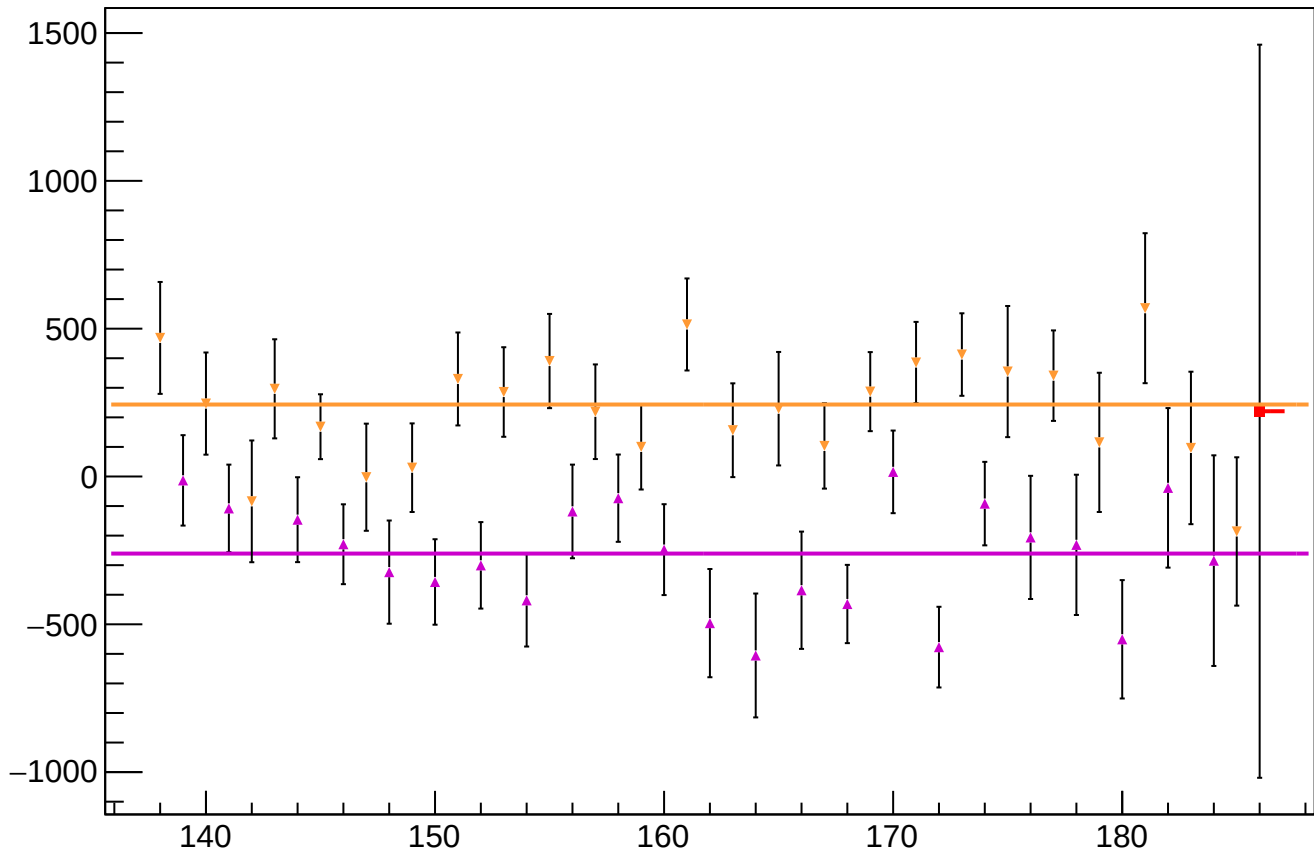
Left In: 247.919+/-0.043 χ^2/NDF : 2374698.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.713+/-0.031 χ^2/NDF : 5554021.7/48

- sign 248.705+/-0.043 χ^2/NDF : 2900955.6/23

dit_asym_sam_48_dd_mean vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 243.442 ± 32.738 $\chi^2/\text{NDF}: 23.4/24$

Right Out: 220.725 ± 1239.941 $\chi^2/\text{NDF}: 0.0/0$

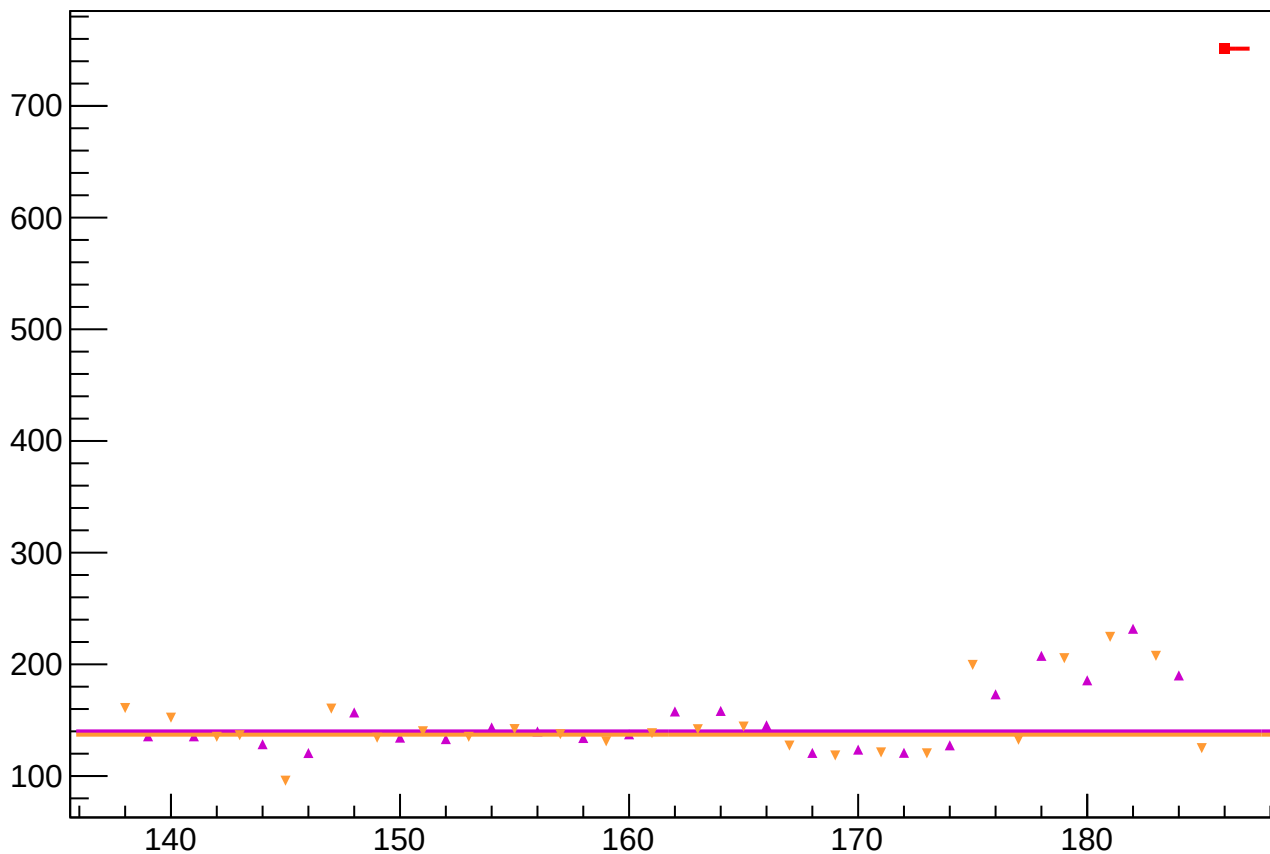
Left In: -260.749 ± 33.988 $\chi^2/\text{NDF}: 28.5/22$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.865 ± 23.575 $\chi^2/\text{NDF}: 166.1/48$

- sign -260.388 ± 33.975 $\chi^2/\text{NDF}: 28.6/23$

dit_asym_sam_48_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.036+/-0.023 χ^2/NDF :1200381.2/24

Right Out: 751.280+/-0.877 χ^2/NDF : 0.0/0

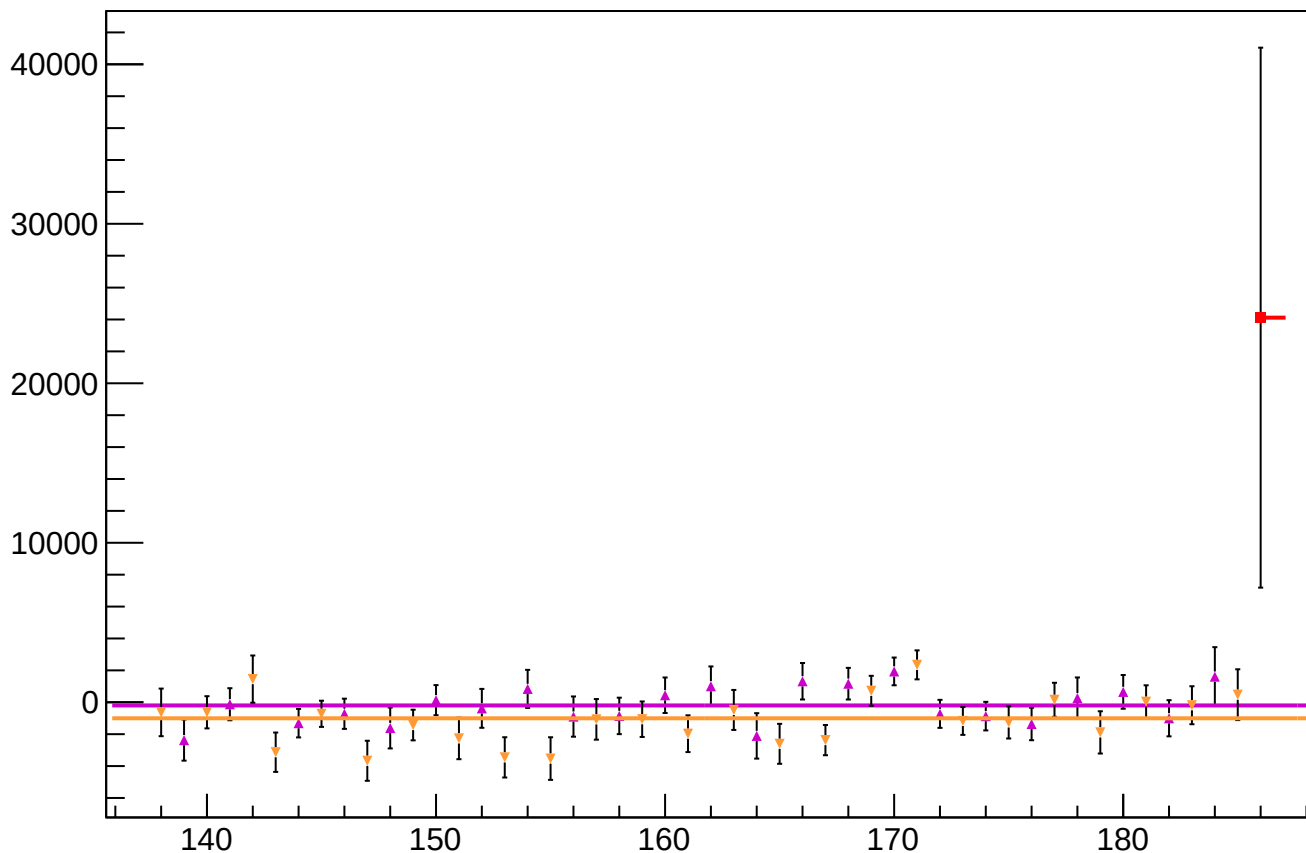
Left In: 139.966+/-0.024 χ^2/NDF :838127.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.667+/-0.017 χ^2/NDF : 2534599.0/48

- sign 140.425+/-0.024 χ^2/NDF : 1323897.7/23

asym_sam_48_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1004.364 $\pm$ 222.387 χ^2 /NDF:44.7/24

Right Out: 24115.183 $\pm$ 16927.877 χ^2 /NDF: 0.0/0

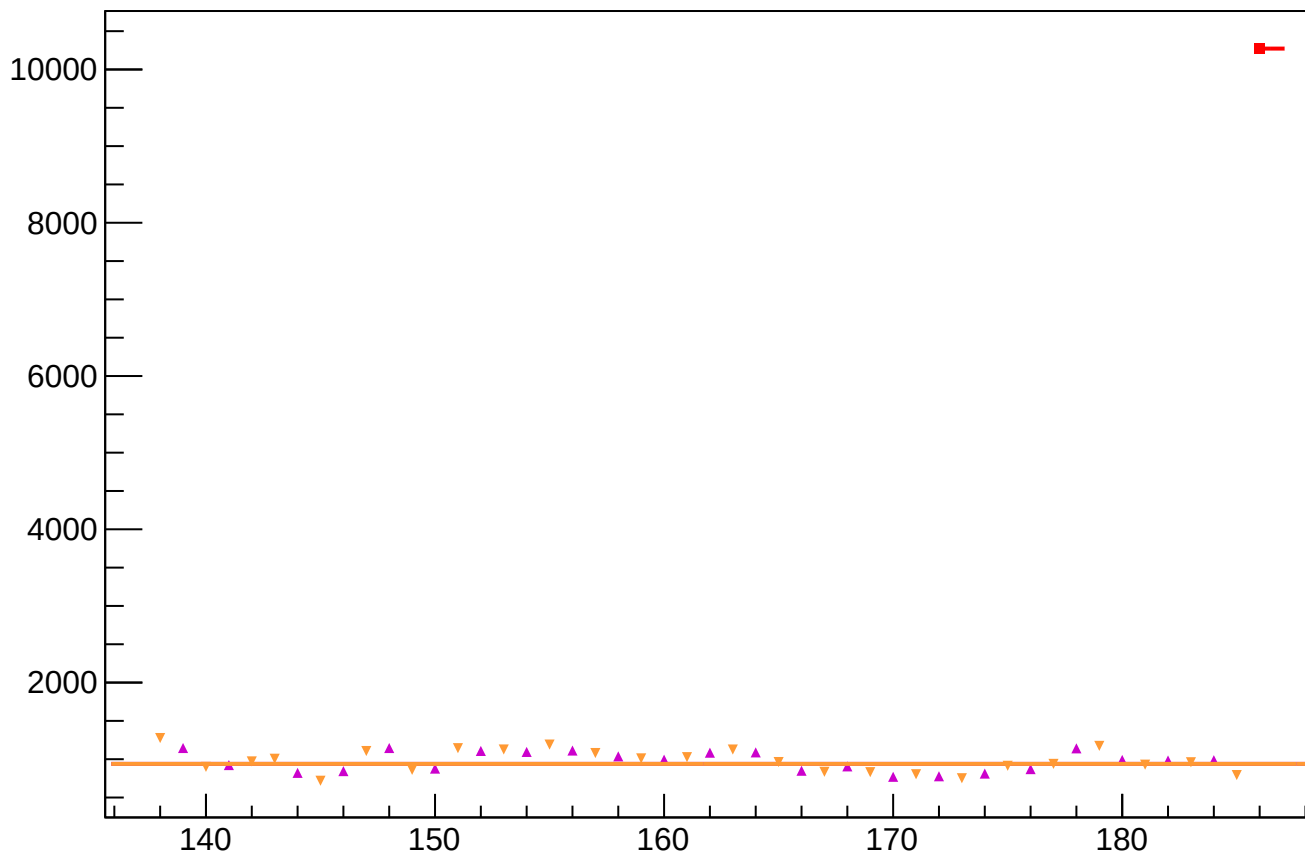
Left In: -198.654 $\pm$ 225.997 χ^2 /NDF:24.6/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -605.828 $\pm$ 158.506 χ^2 /NDF: 77.9/48

- sign -194.321 $\pm$ 225.977 χ^2 /NDF: 26.7/23

asym_sam_48_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 938.988+/-0.157 χ^2/NDF : 828400.0/24

Right Out: 10272.667+/-11.970 χ^2/NDF : 0.0/0

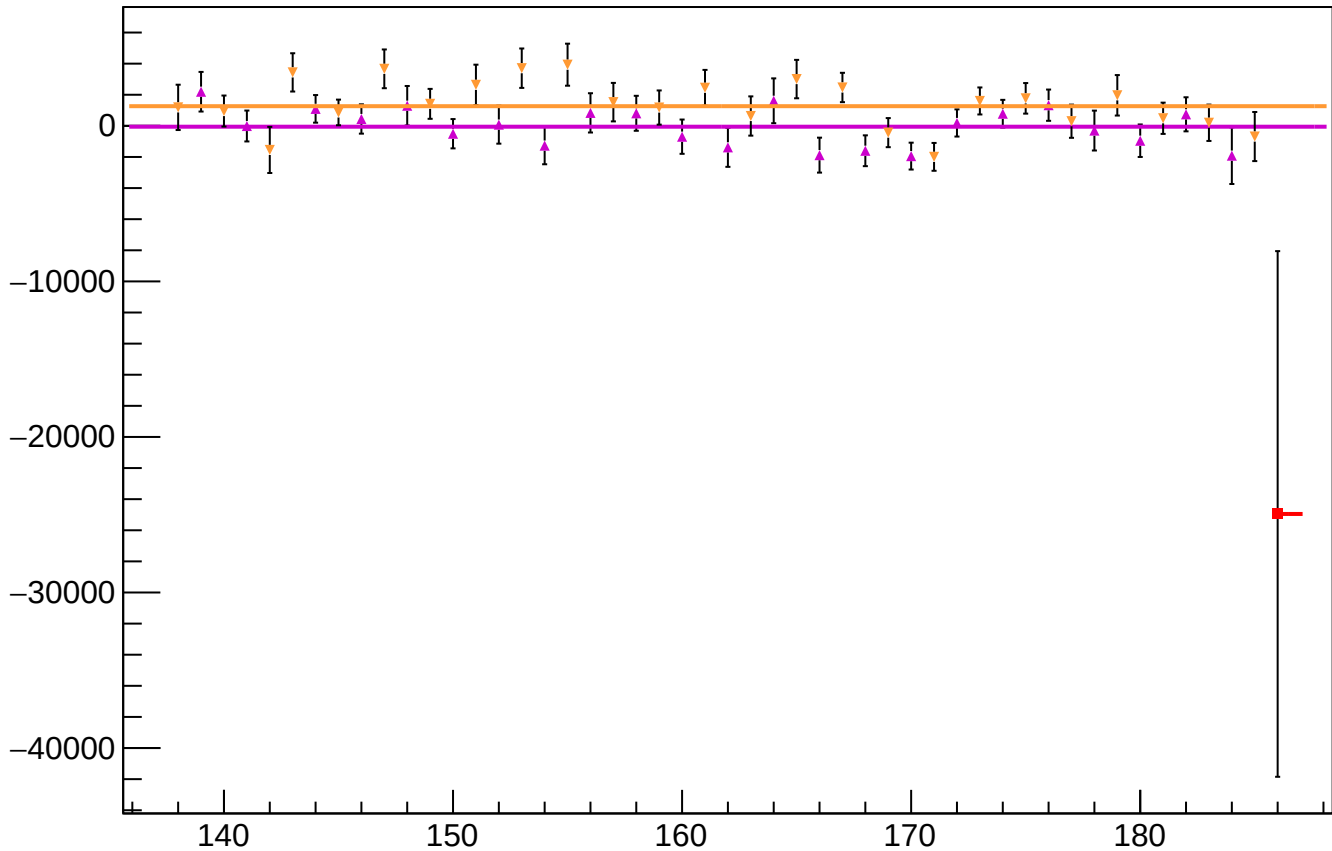
Left In: 938.755+/-0.160 χ^2/NDF : 611419.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.692+/-0.112 χ^2/NDF : 2047819.7/48

- sign 940.418+/-0.160 χ^2/NDF : 1219379.0/23

asym_sam_48_dd_mean vs Slug



Right In: 0.000+/-0.000 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

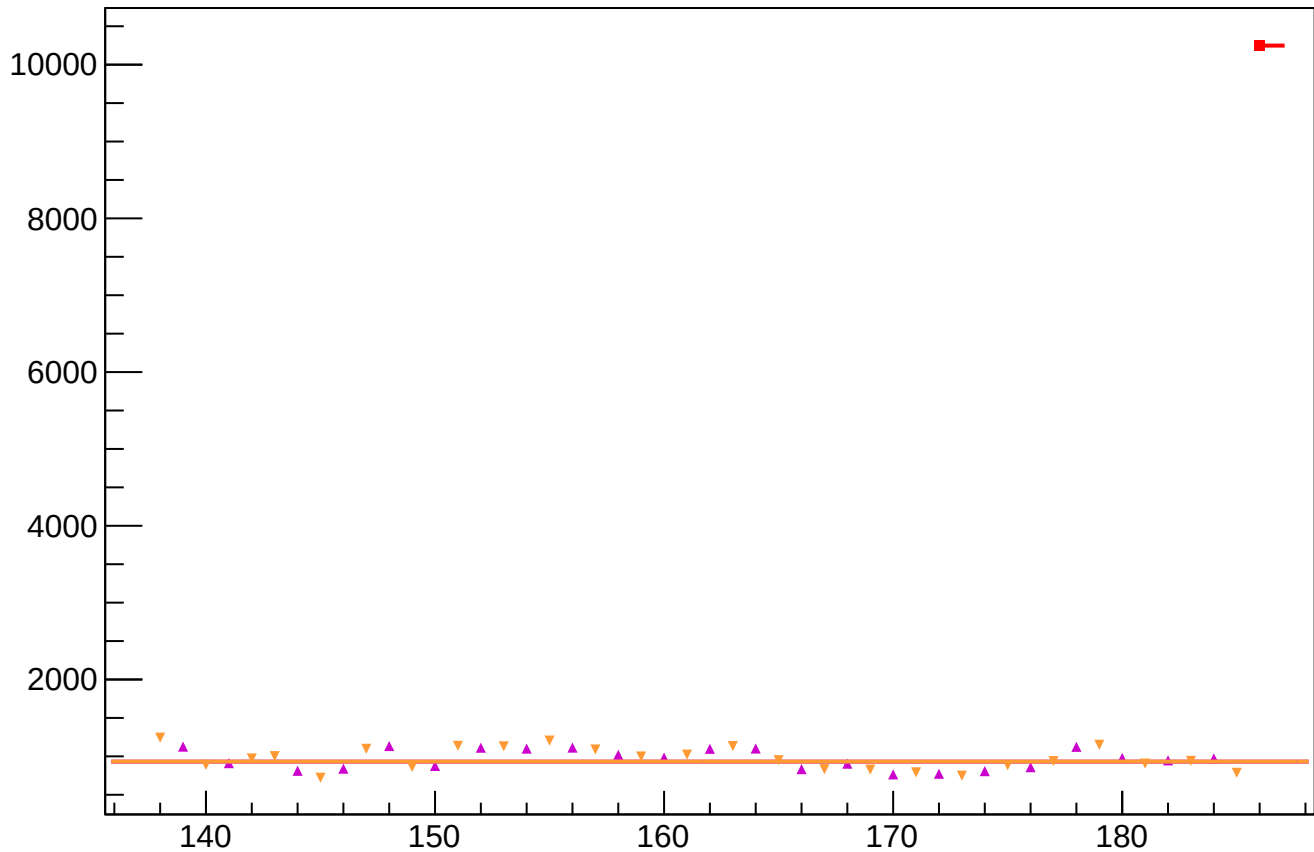
Left In: -53.940+/-224.371 χ^2/NDF :26.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.383+/-157.307 χ^2/NDF : 91.8/48

- sign -58.328+/-224.351 χ^2/NDF : 28.6/23

asym_sam_48_dd_rms vs Slug



Right In: 0.000+/-0.000 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

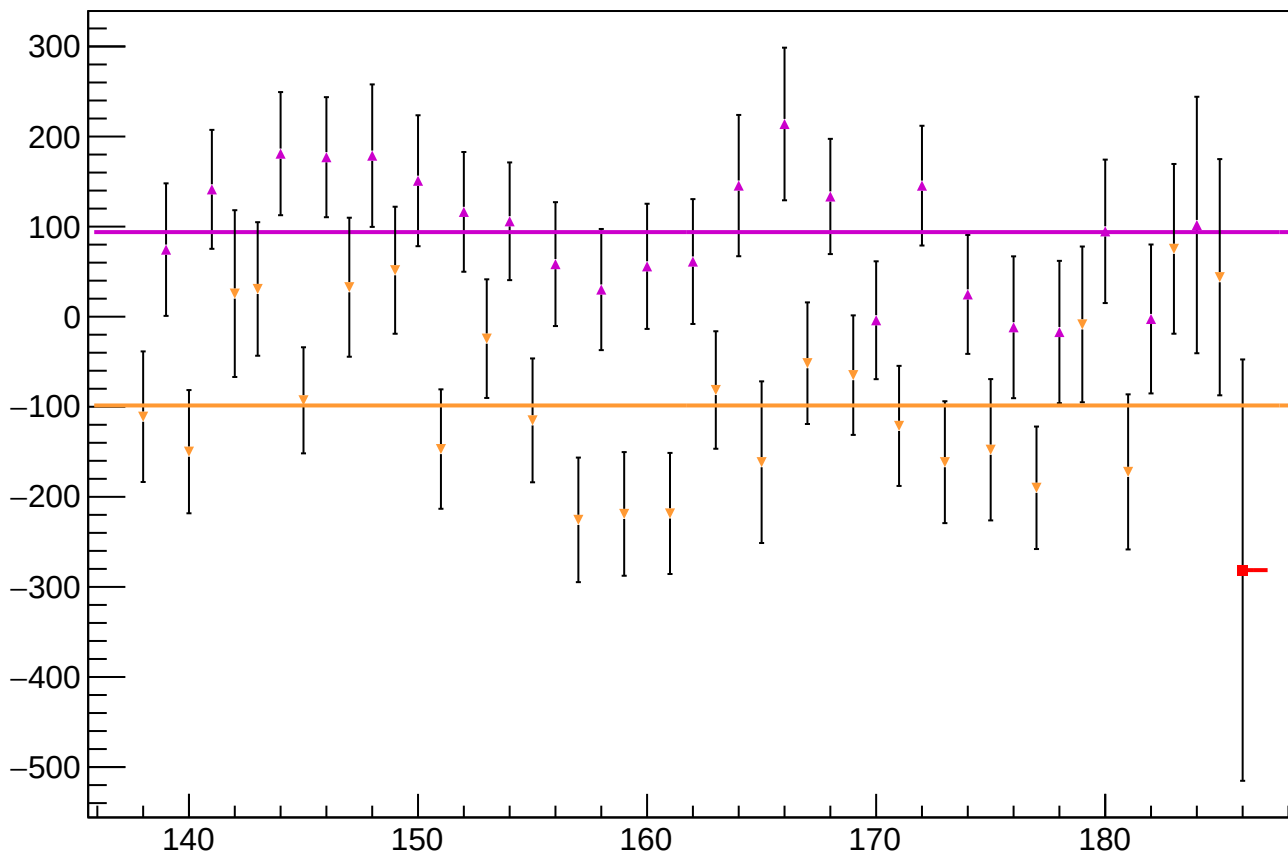
Left In: 930.854+/-0.159 χ^2/NDF : 621985.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 932.331+/-0.111 χ^2/NDF : 2058692.5/48

- sign 932.496+/-0.159 χ^2/NDF : 1229956.6/23

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -98.557 $\pm$ 14.525 χ^2 /NDF:35.2/24

Right Out: -281.353 $\pm$ 233.888 χ^2 /NDF: 0.0/0

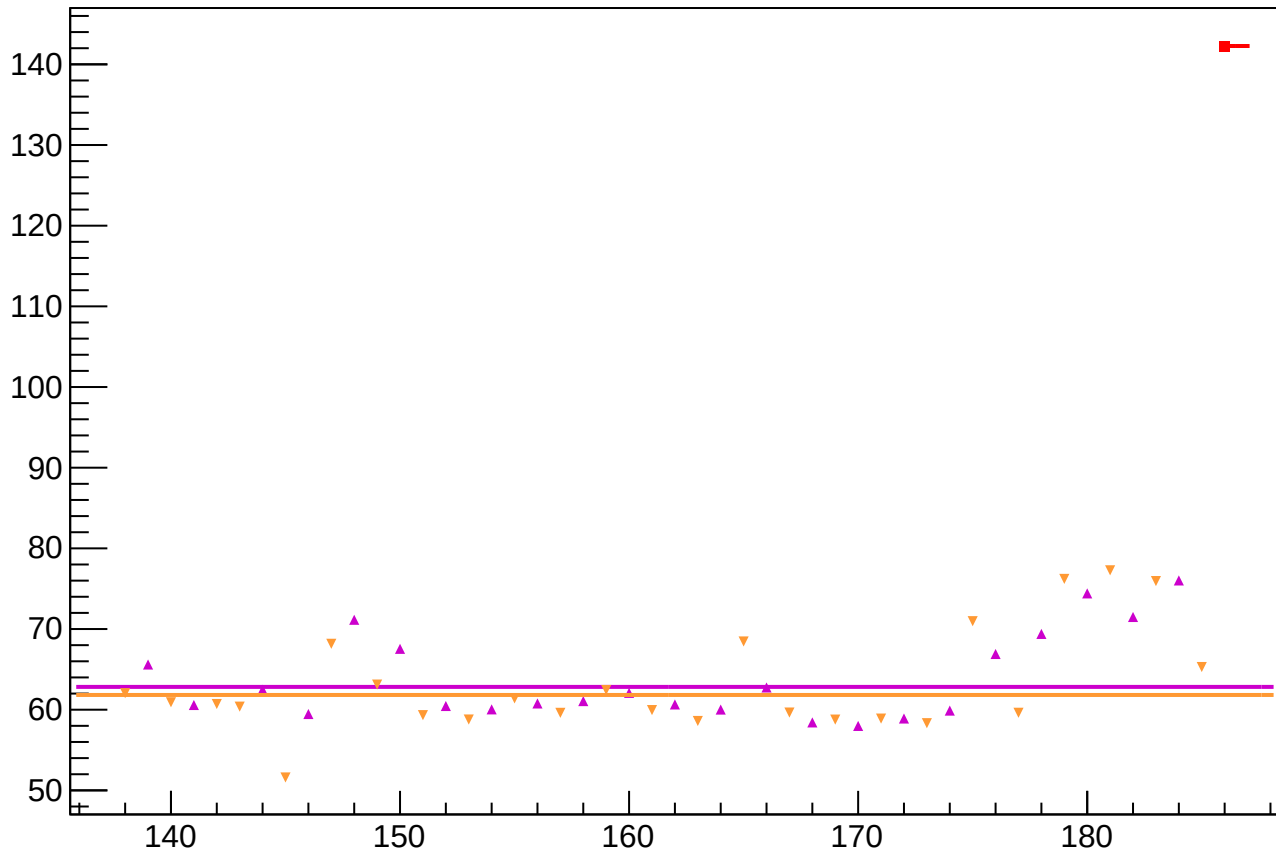
Left In: 93.899 $\pm$ 15.039 χ^2 /NDF:19.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.223 $\pm$ 10.437 χ^2 /NDF: 140.6/48

- sign 92.354 $\pm$ 15.008 χ^2 /NDF: 21.8/23

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 61.827+/-0.010 χ^2/NDF : 313572.8/24

Right Out: 142.273+/-0.165 χ^2/NDF : 0.0/0

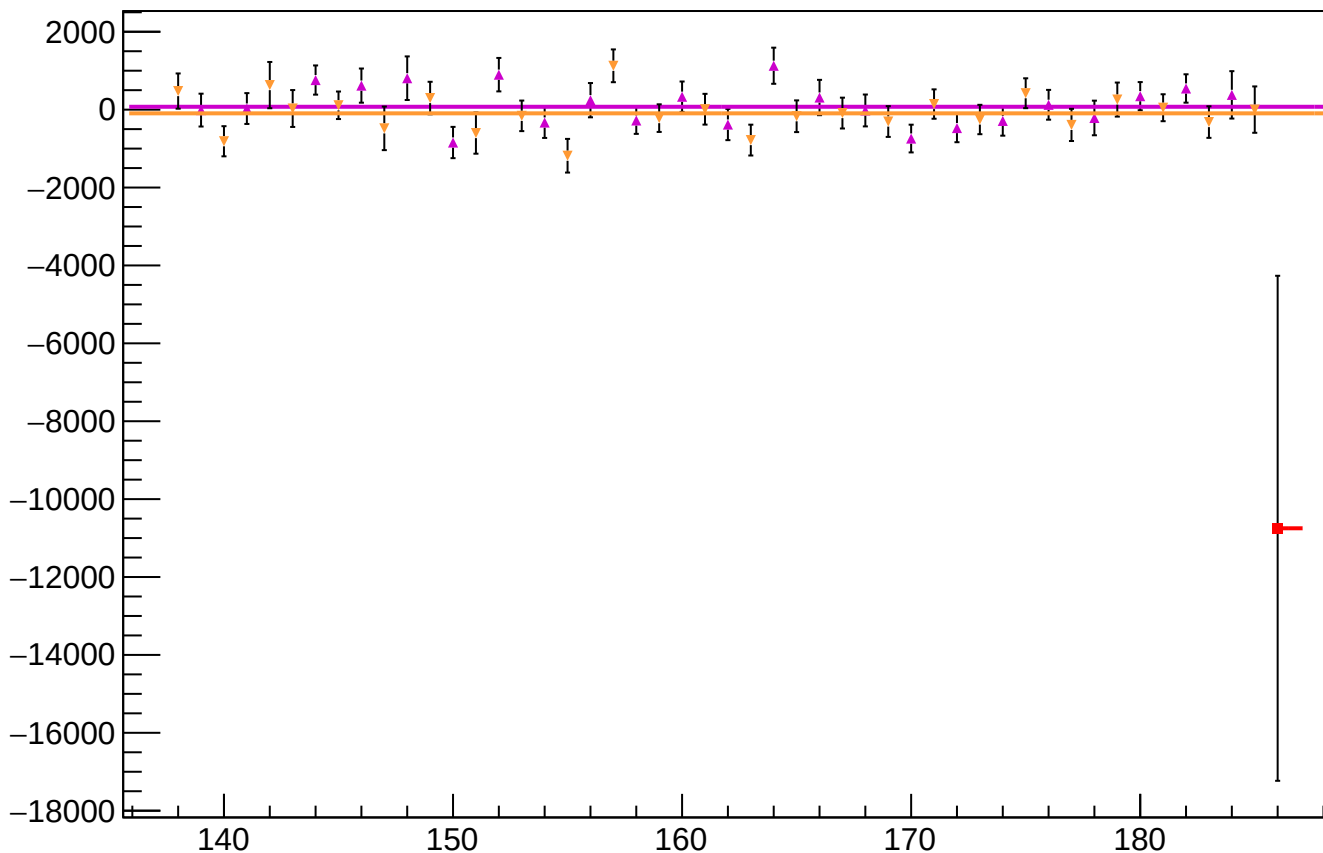
Left In: 62.827+/-0.011 χ^2/NDF : 187007.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.469+/-0.007 χ^2/NDF : 738466.9/48

- sign 63.154+/-0.011 χ^2/NDF : 416815.7/23

asym_sam_13_57_dd_correction_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -94.907 ± 82.850 χ^2/NDF : 31.6/24

Right Out: -10748.859 ± 6483.310 χ^2/NDF : 0.0/0

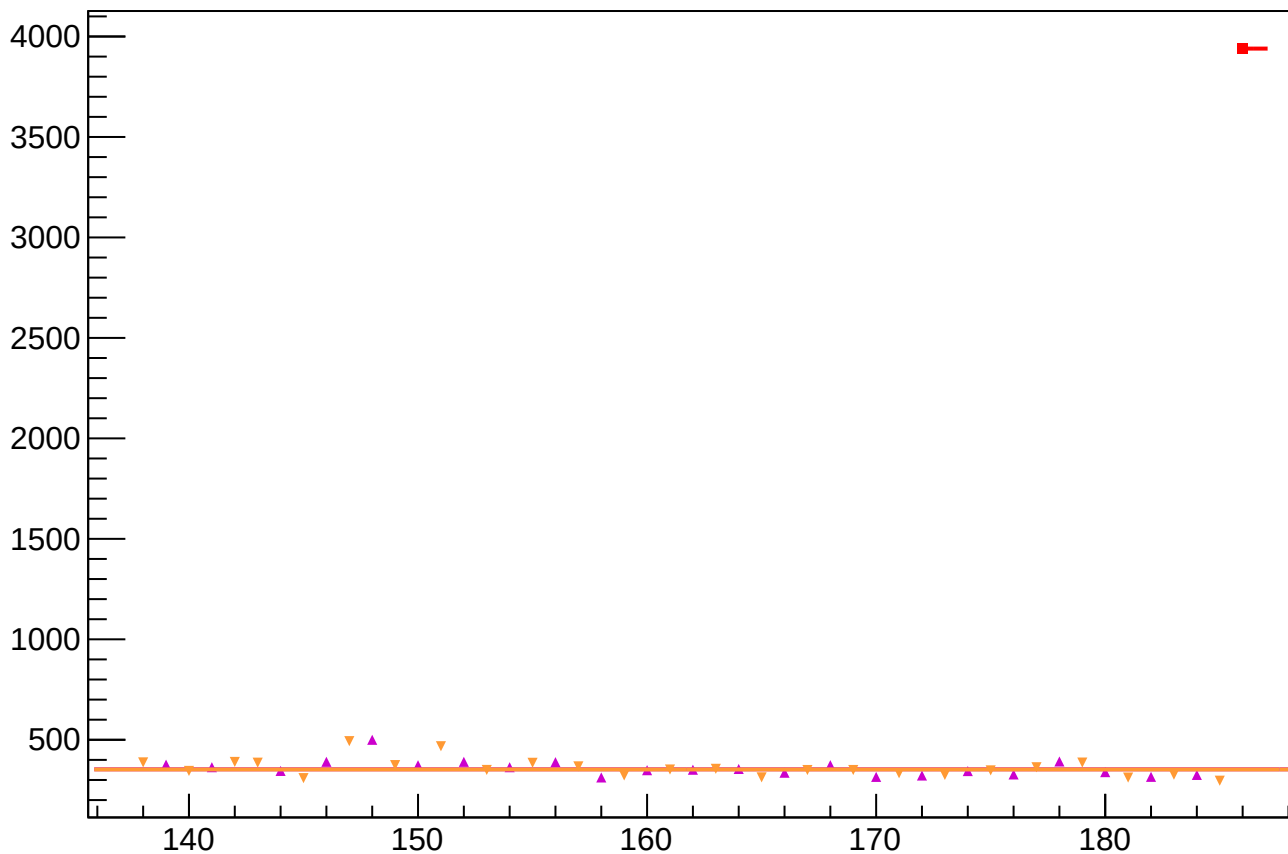
Left In: 73.914 ± 84.652 χ^2/NDF : 36.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.208 ± 59.208 χ^2/NDF : 72.7/48

- sign 72.070 ± 84.645 χ^2/NDF : 39.1/23

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 352.403+/-0.059 χ^2/NDF : 418506.2/24

Right Out: 3939.842+/-4.584 χ^2/NDF : 0.0/0

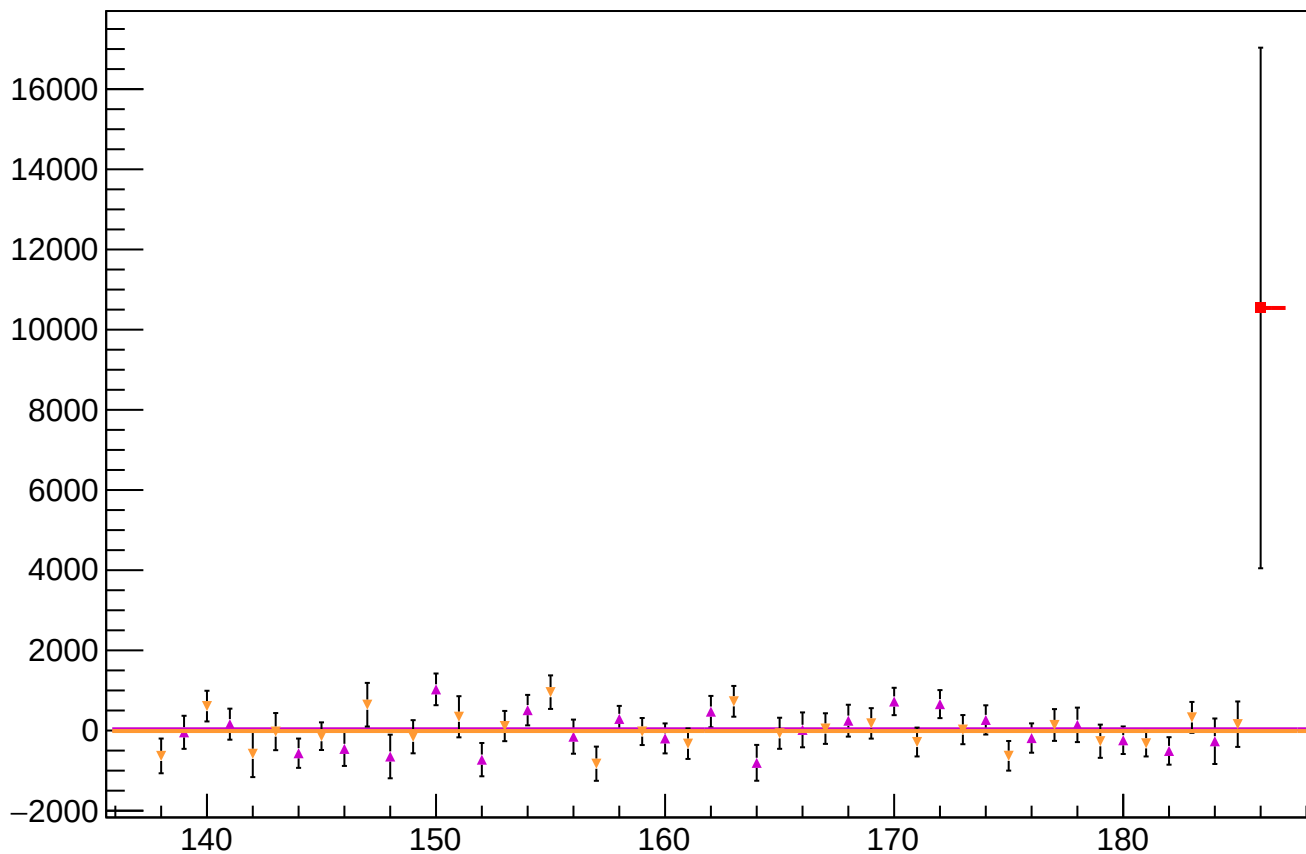
Left In: 353.197+/-0.060 χ^2/NDF : 321761.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.090+/-0.042 χ^2/NDF : 1352531.7/48

- sign 353.808+/-0.060 χ^2/NDF : 933743.8/23

asym_sam_13_57_dd_mean vs Slug



Right In: 0.000+/-0.000 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

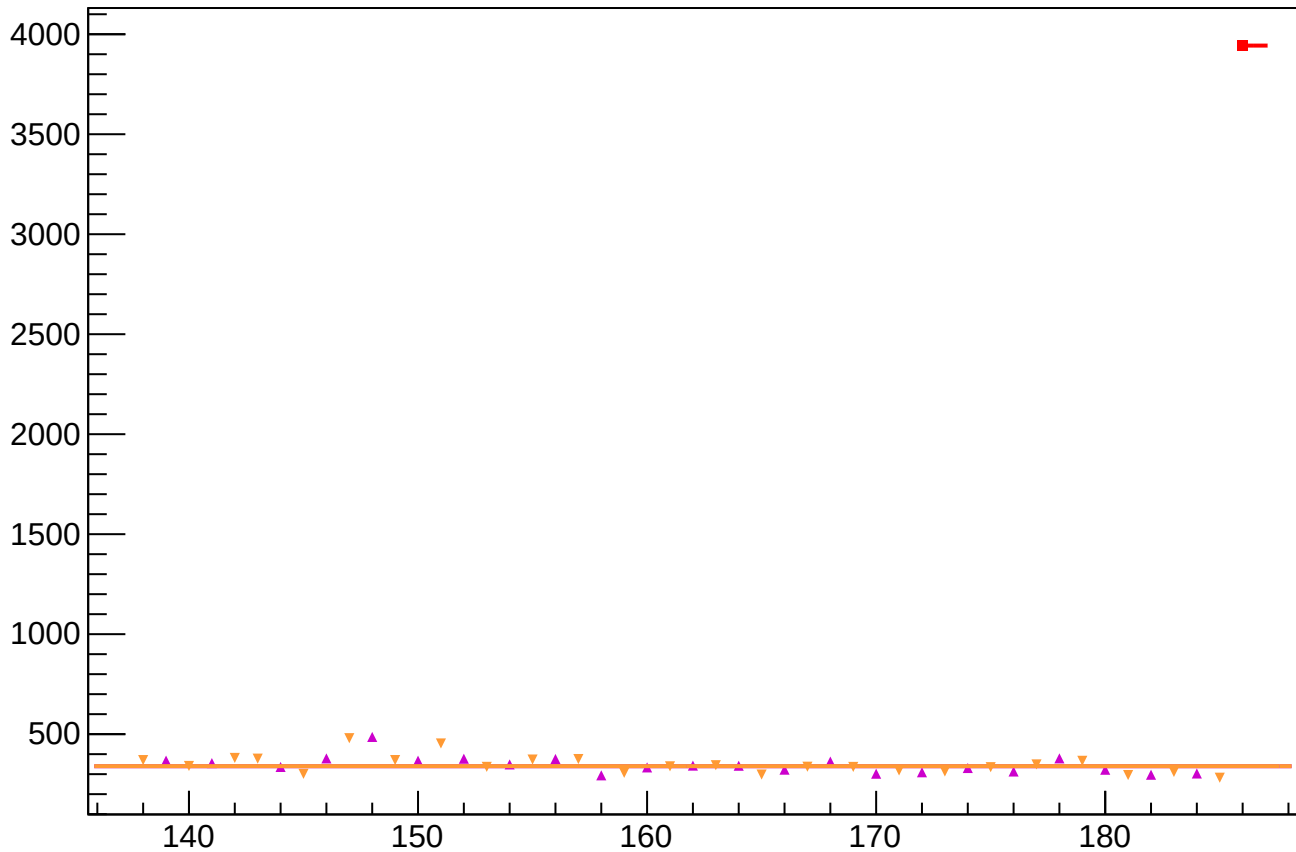
Left In: 31.531+/-81.476 χ^2/NDF : 34.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.900+/-57.075 χ^2/NDF : 64.9/48

- sign 33.186+/-81.470 χ^2/NDF : 37.4/23

asym_sam_13_57_dd_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

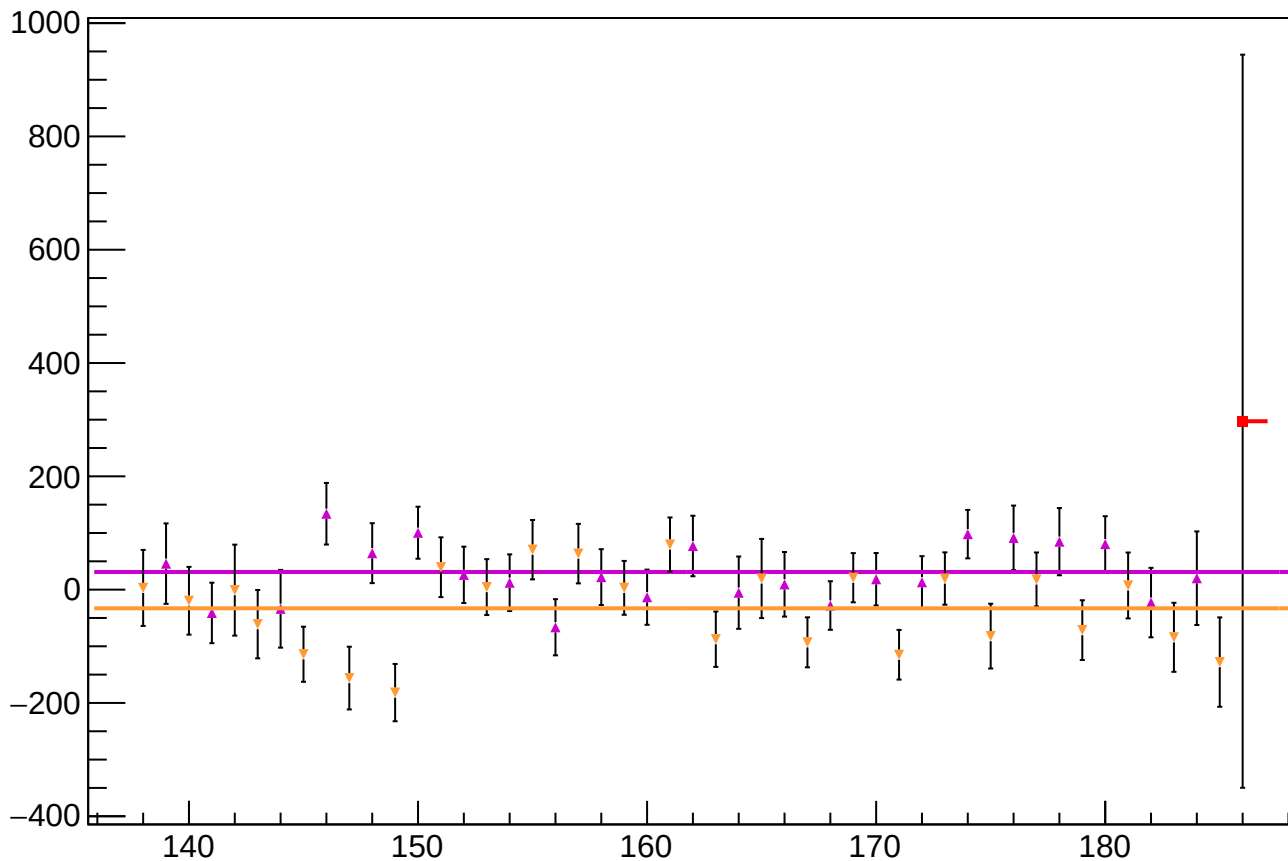
Left In: 339.571 $\pm$ 0.058 χ^2 /NDF:377816.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 340.077 $\pm$ 0.040 χ^2 /NDF: 1459103.6/48

- sign 340.138 $\pm$ 0.058 χ^2 /NDF: 993756.3/23

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -32.964 $\pm$ 10.578 χ^2 /NDF: 48.0/24

Right Out: 297.258 $\pm$ 647.046 χ^2 /NDF: 0.0/0

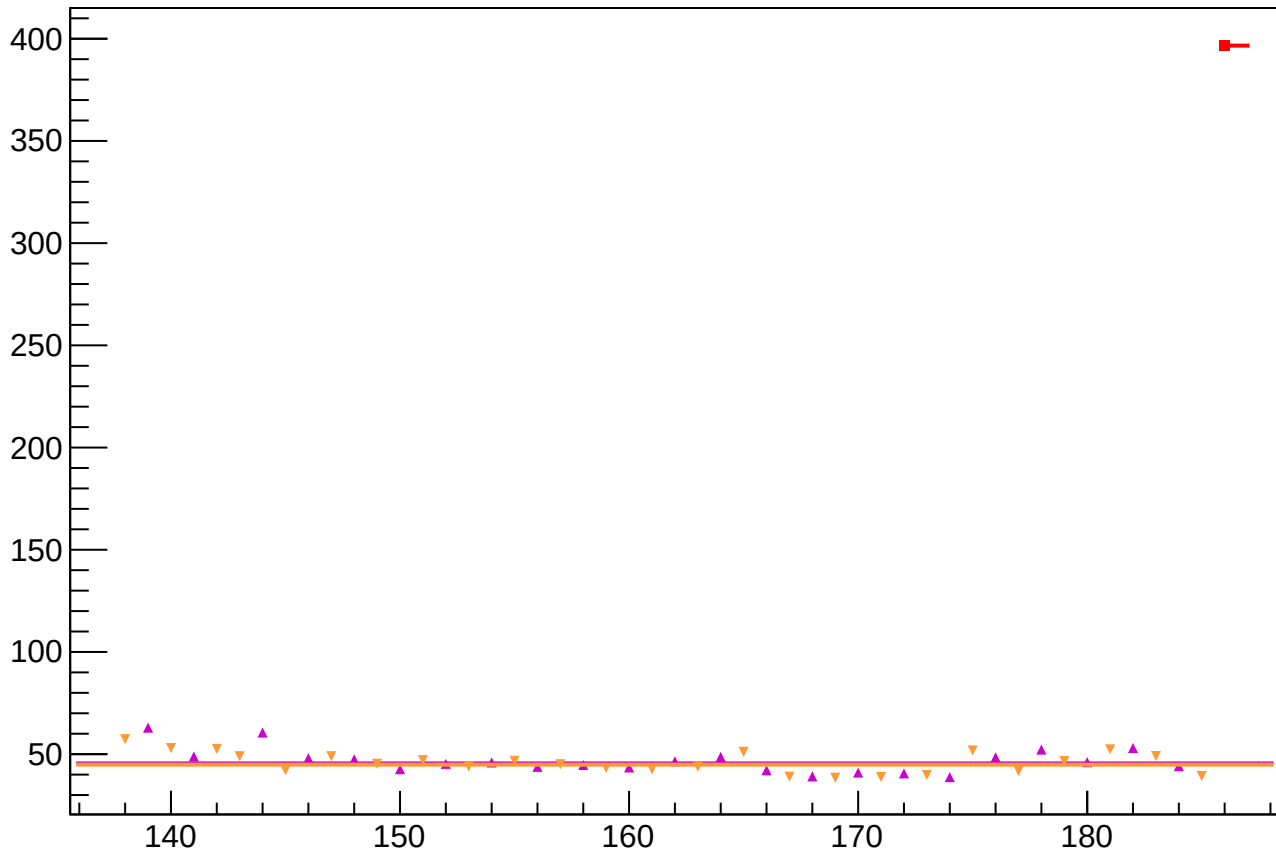
Left In: 31.144 $\pm$ 10.958 χ^2 /NDF: 23.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.000 $\pm$ 7.610 χ^2 /NDF: 89.4/48

- sign 31.220 $\pm$ 10.956 χ^2 /NDF: 23.6/23

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 44.862 $\pm$ 0.007 χ^2 /NDF:415524.3/24

Right Out: 396.639 $\pm$ 0.458 χ^2 /NDF: 0.0/0

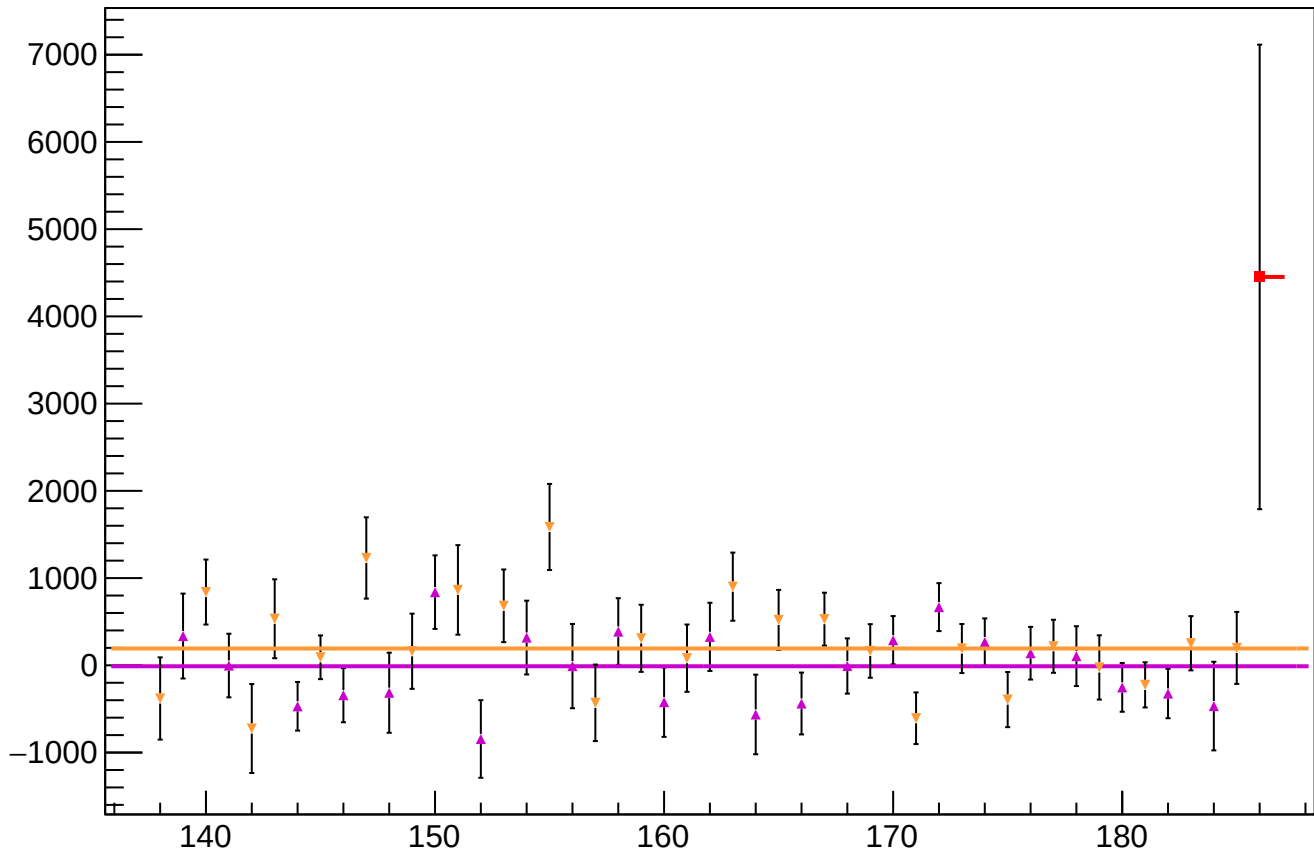
Left In: 45.465 $\pm$ 0.008 χ^2 /NDF:457021.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.202 $\pm$ 0.005 χ^2 /NDF: 1465769.8/48

- sign 45.566 $\pm$ 0.008 χ^2 /NDF: 1045974.6/23

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 0.000 ± 0.000 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

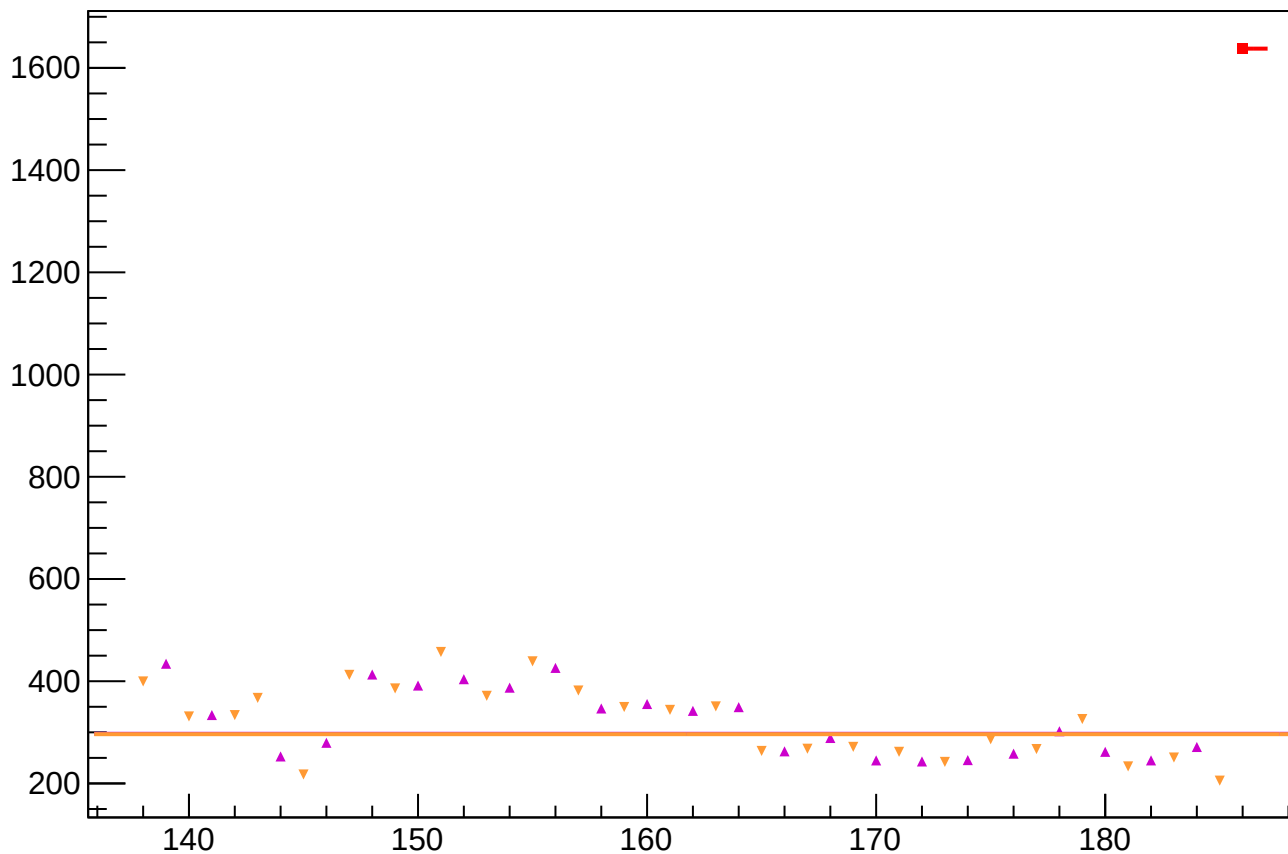
Left In: -10.801 ± 72.300 χ^2/NDF : 30.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 94.544 ± 50.637 χ^2/NDF : 82.8/48

- sign -7.512 ± 72.273 χ^2/NDF : 33.0/23

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 296.383+/-0.050 χ^2/NDF : 1635498.4/24

Right Out: 1637.703+/-1.883 χ^2/NDF : 0.0/0

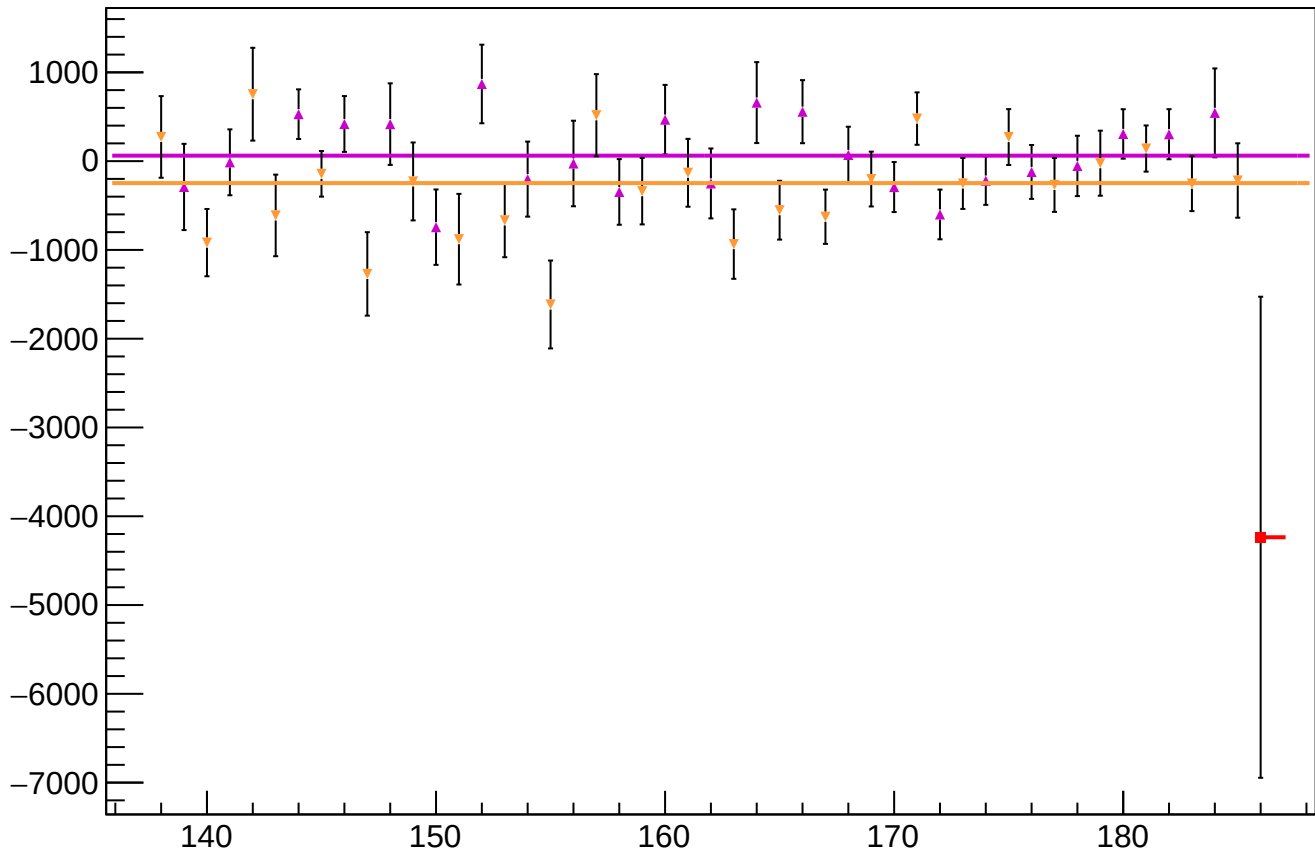
Left In: 297.137+/-0.051 χ^2/NDF : 1320750.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.238+/-0.036 χ^2/NDF : 3463455.3/48

- sign 298.125+/-0.051 χ^2/NDF : 1827365.7/23

asym_sam_15_37_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -247.108 $\pm$ 71.218 χ^2 /NDF:43.6/24

Right Out: -4236.524 $\pm$ 2709.363 χ^2 /NDF: 0.0/0

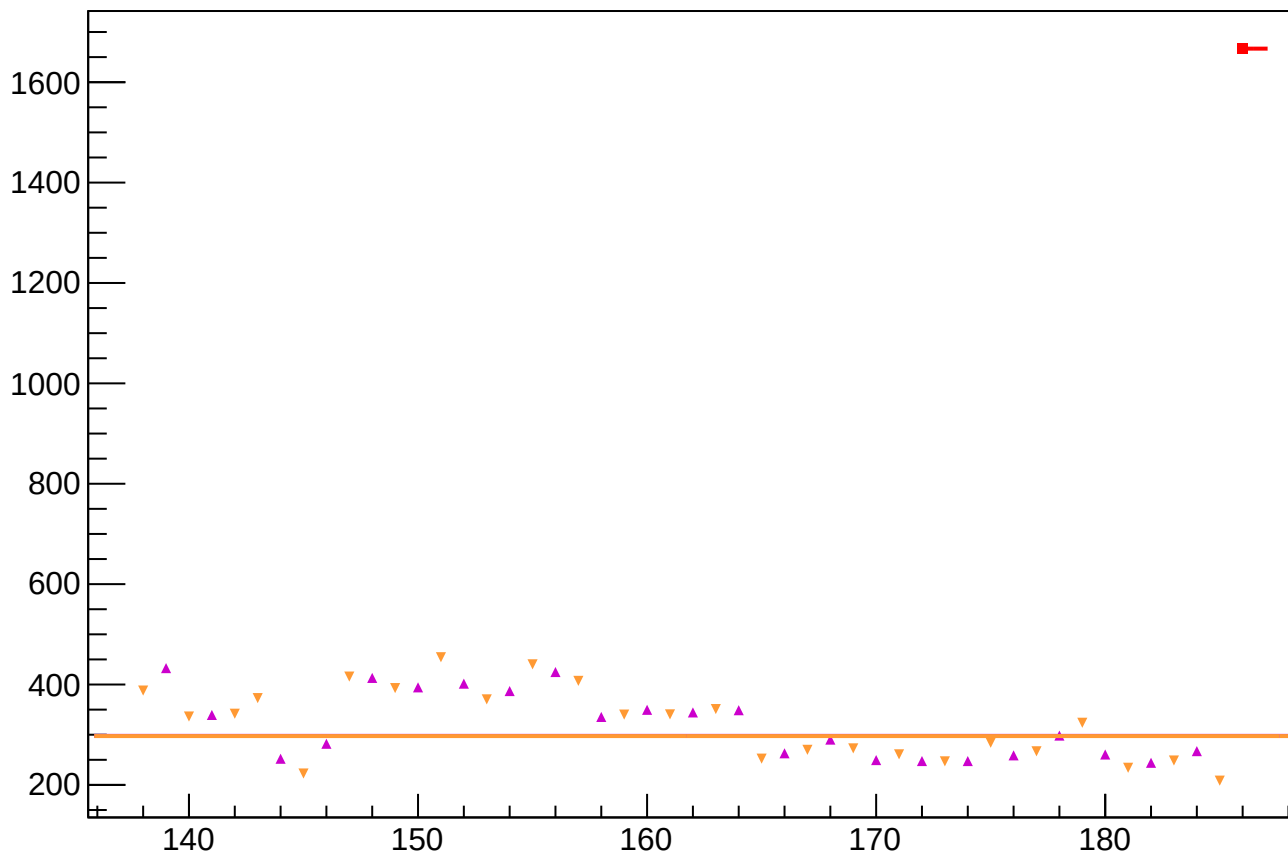
Left In: 61.707 $\pm$ 72.478 χ^2 /NDF:30.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -96.863 $\pm$ 50.789 χ^2 /NDF: 85.5/48

- sign 58.633 $\pm$ 72.452 χ^2 /NDF: 32.8/23

asym_sam_15_37_dd_rms vs Slug



Right In: 0.000+/-0.000 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

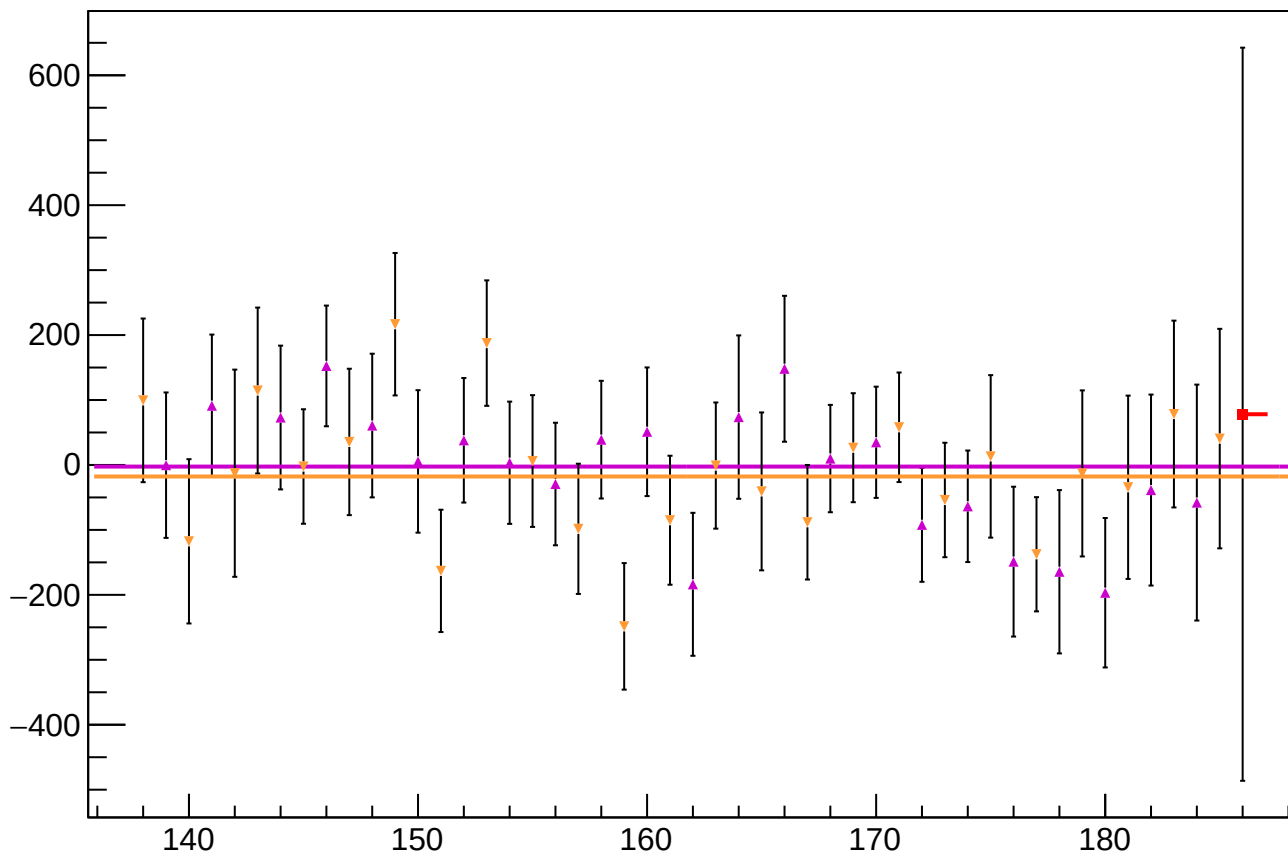
Left In: 297.696+/-0.051 χ^2/NDF :1274607.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.962+/-0.036 χ^2/NDF : 3413293.7/48

- sign 298.675+/-0.051 χ^2/NDF : 1785008.0/23

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -17.764 ± 21.121 χ^2/NDF : 25.5/24

Right Out: 78.101 ± 564.417 χ^2/NDF : 0.0/0

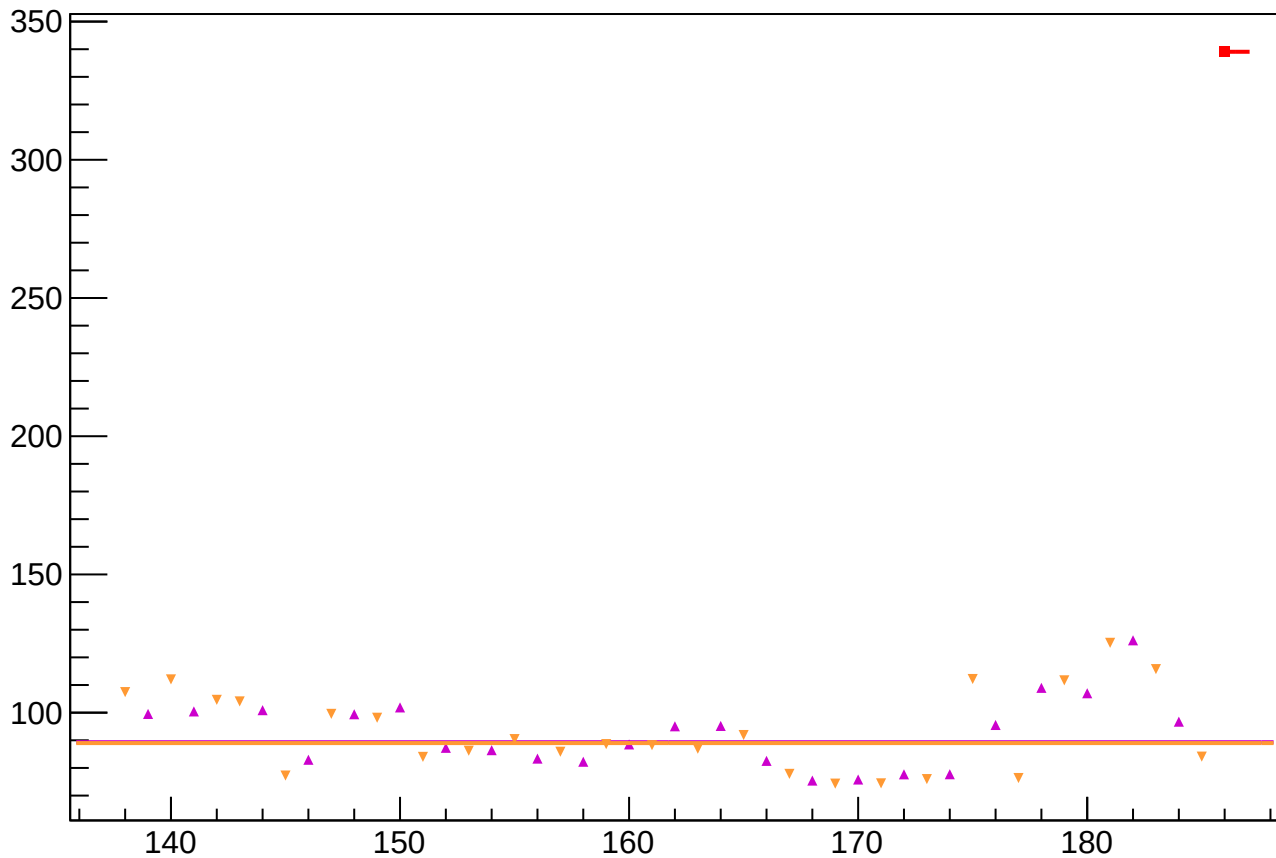
Left In: -2.505 ± 21.582 χ^2/NDF : 18.0/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.236 ± 15.090 χ^2/NDF : 43.8/48

- sign -2.388 ± 21.566 χ^2/NDF : 18.0/23

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

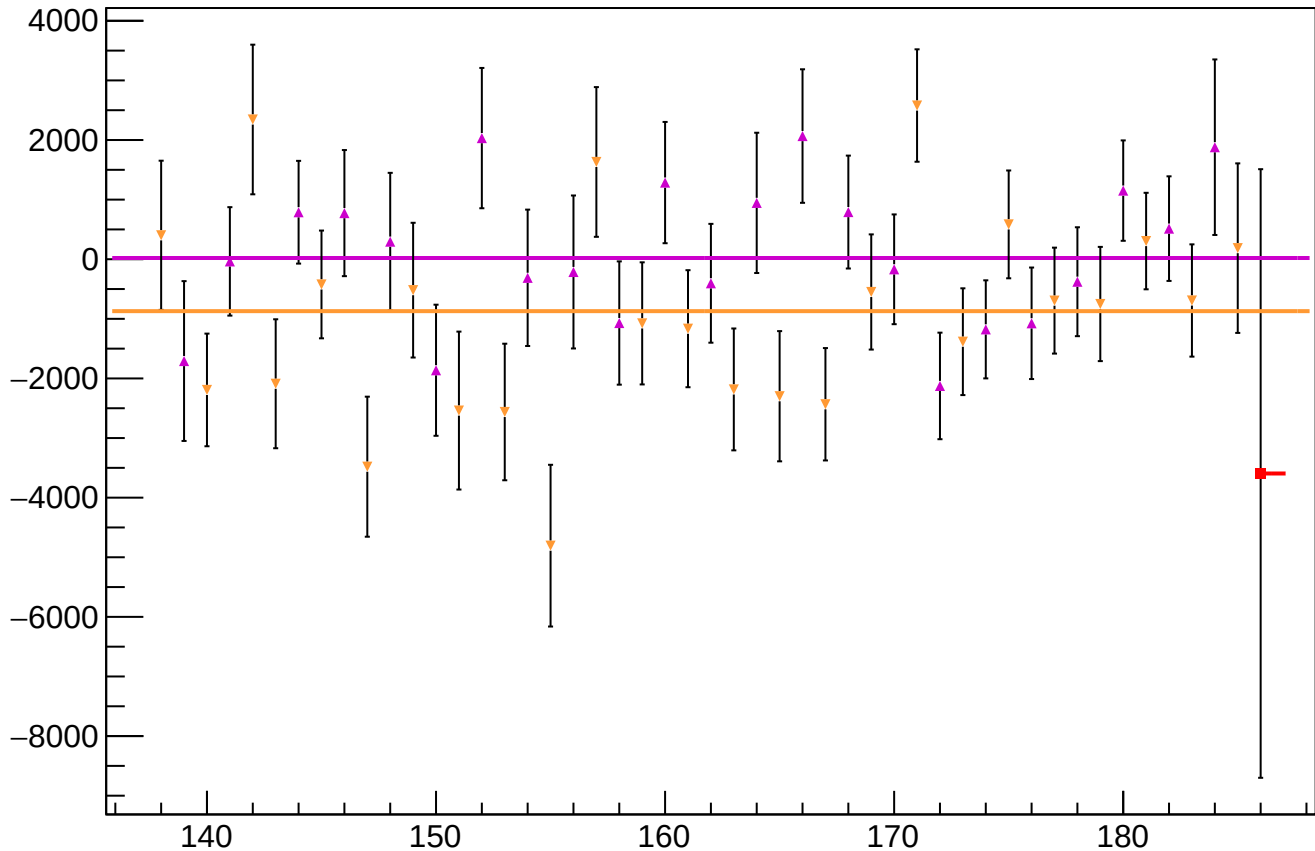
Left In: 89.321 $\pm$ 0.015 χ^2 /NDF:560433.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.331 $\pm$ 0.011 χ^2 /NDF: 1760002.4/48

- sign 89.686 $\pm$ 0.015 χ^2 /NDF: 951469.9/23

asym_sam_24_68_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -871.061 $\pm$ 205.986 χ^2 /NDF:57.6/24

Right Out: -3594.657 $\pm$ 5105.192 χ^2 /NDF: 0.0/0

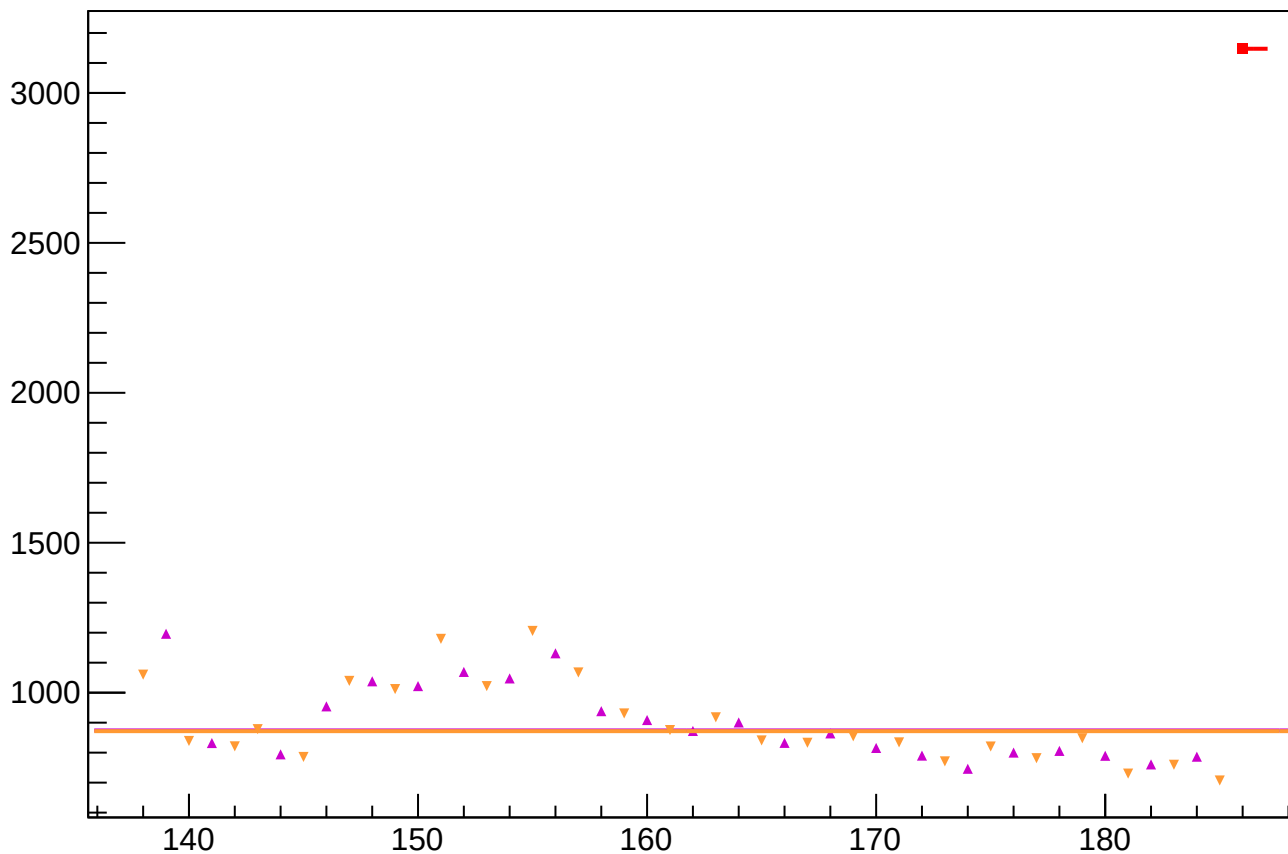
Left In: 20.573 $\pm$ 210.177 χ^2 /NDF:29.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -436.844 $\pm$ 147.052 χ^2 /NDF: 96.9/48

- sign 14.456 $\pm$ 209.999 χ^2 /NDF: 30.2/23

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 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

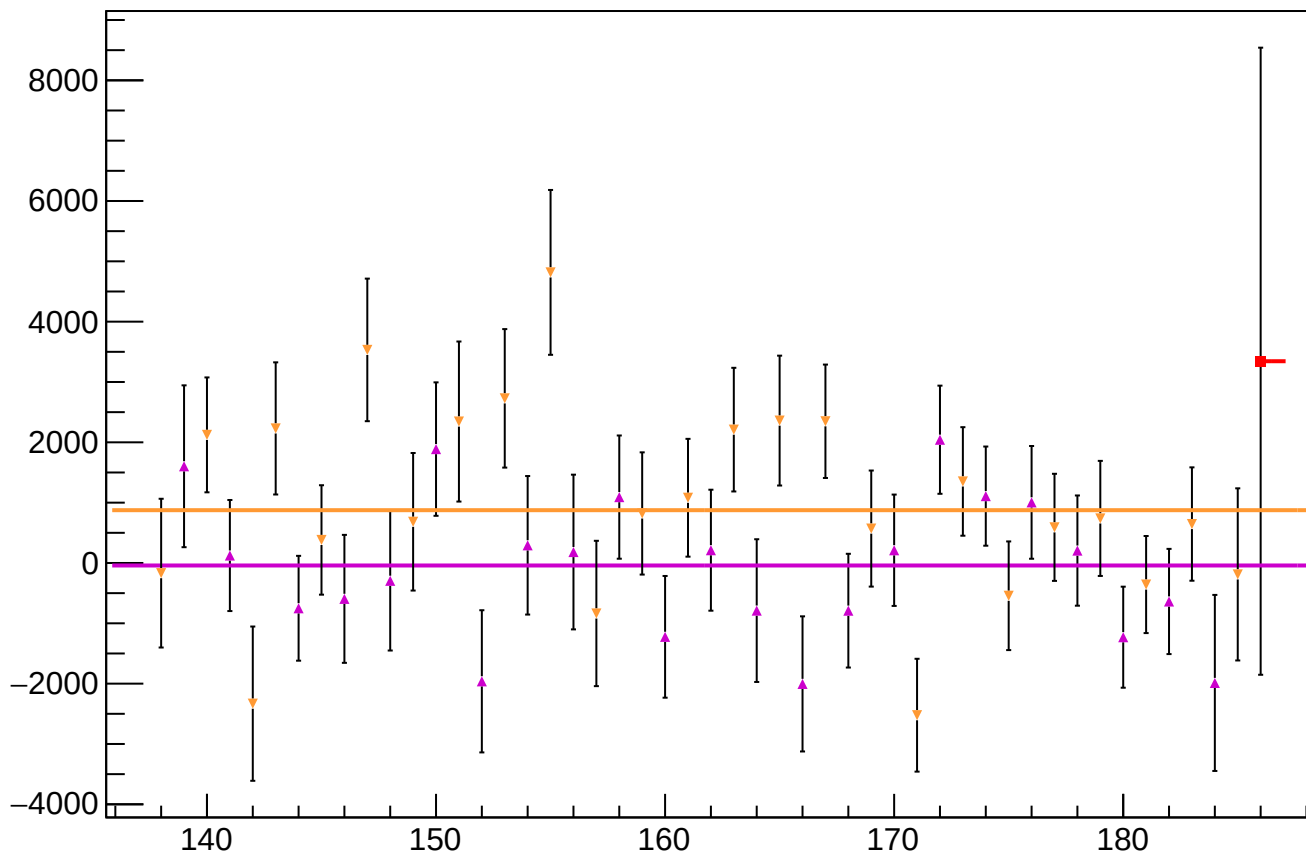
Left In: 874.055+/-0.149 χ^2/NDF : 578510.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.736+/-0.104 χ^2/NDF : 1617712.1/48

- sign 877.902+/-0.148 χ^2/NDF : 974416.9/23

asym_sam_24_68_dd_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 875.084+/-205.572 χ^2/NDF :55.1/24

Right Out: 3344.154+/-5197.183 χ^2/NDF : 0.0/0

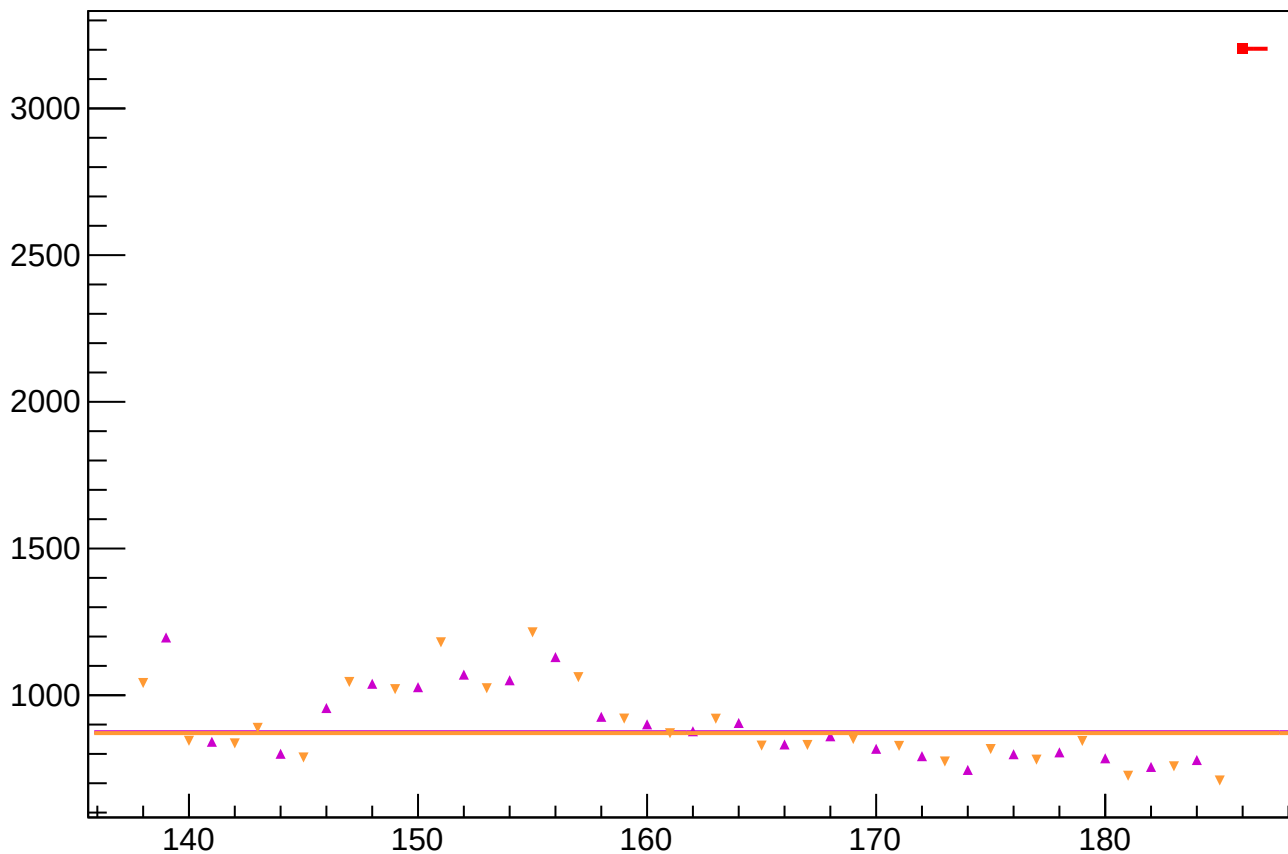
Left In: -41.523+/-210.209 χ^2/NDF :28.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.332+/-146.915 χ^2/NDF : 93.2/48

- sign -35.993+/-210.037 χ^2/NDF : 28.6/23

asym_sam_24_68_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 870.853+/-0.145 χ^2/NDF : 651805.6/24

Right Out: 3203.449+/-3.675 χ^2/NDF : 0.0/0

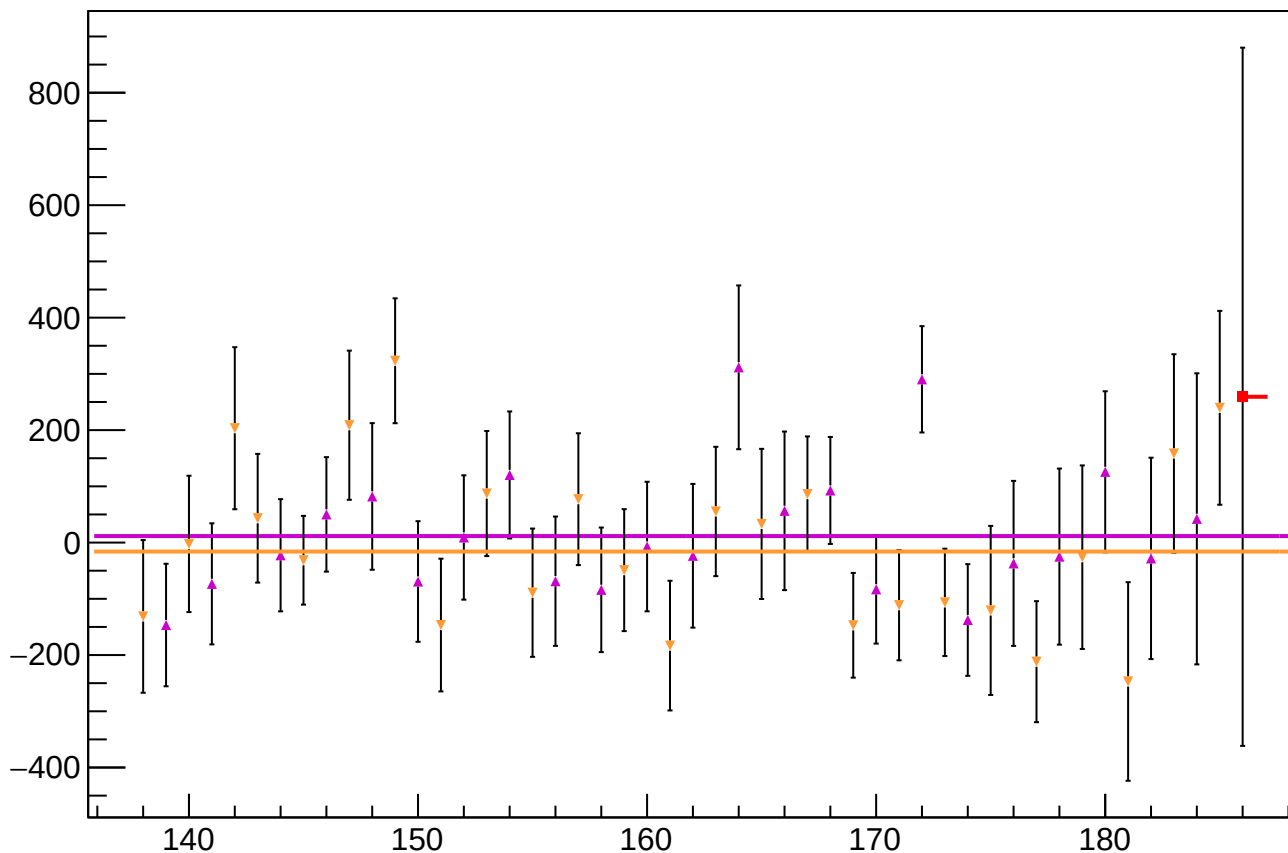
Left In: 873.902+/-0.149 χ^2/NDF : 583344.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.206+/-0.104 χ^2/NDF : 1637406.5/48

- sign 877.707+/-0.149 χ^2/NDF : 984513.2/23

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -15.956 $\pm$ 23.377 χ^2 /NDF:34.9/24

Right Out: 259.284 $\pm$ 620.817 χ^2 /NDF: 0.0/0

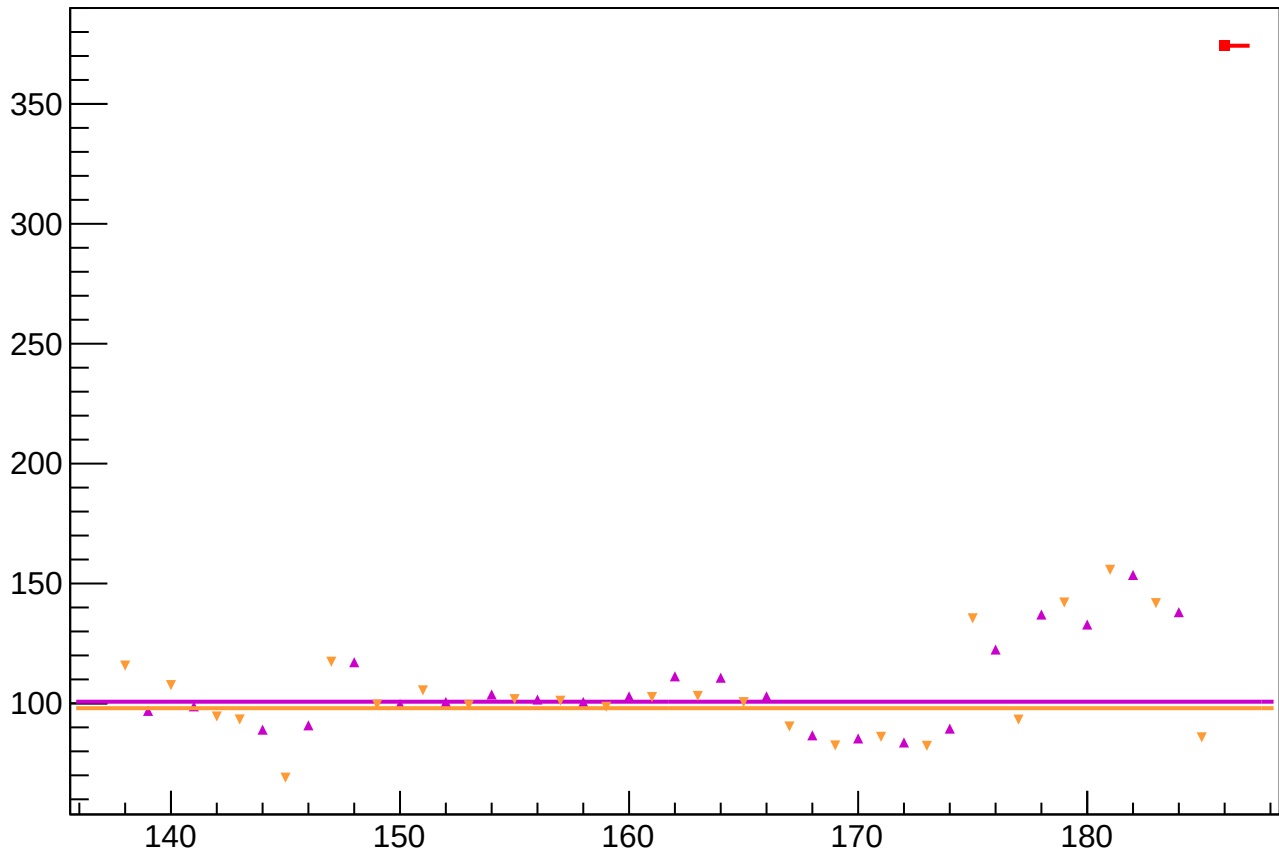
Left In: 11.570 $\pm$ 24.412 χ^2 /NDF:24.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.595 $\pm$ 16.878 χ^2 /NDF: 59.7/48

- sign 11.952 $\pm$ 24.393 χ^2 /NDF: 24.1/23

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 98.001+/-0.017 χ^2/NDF : 1155021.9/24

Right Out: 374.275+/-0.439 χ^2/NDF : 0.0/0

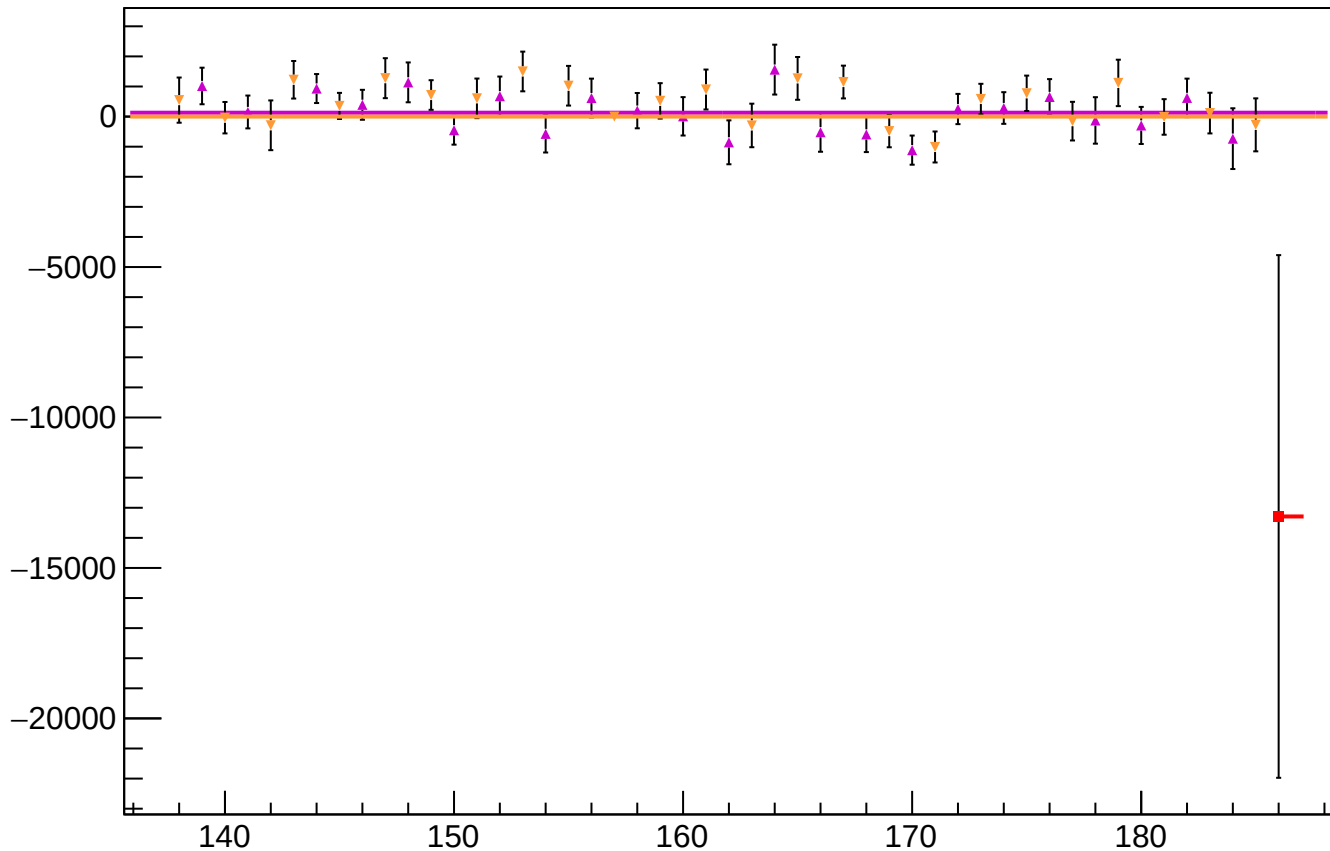
Left In: 100.704+/-0.017 χ^2/NDF : 759922.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.497+/-0.012 χ^2/NDF : 2319820.2/48

- sign 101.126+/-0.017 χ^2/NDF : 1147692.0/23

asym_sam_26_48_dd_correction_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 : 39.9/24

Right Out: -13288.891 $\pm$ 8684.786 χ^2/NDF : 0.0/0

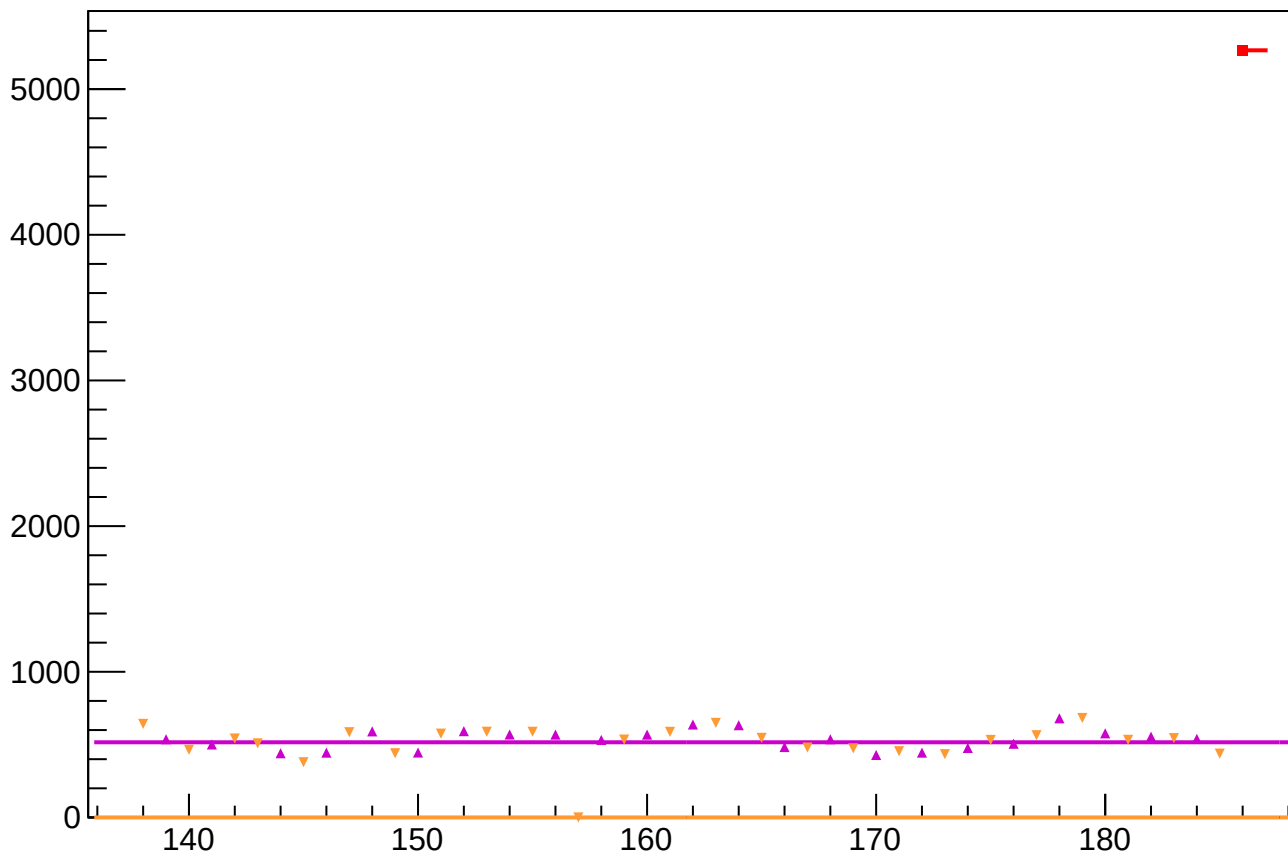
Left In: 129.094 $\pm$ 124.247 χ^2/NDF : 28.3/22

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 71.6/48

- sign 126.348 $\pm$ 124.234 χ^2/NDF : 30.7/23

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 34974091.9/24

Right Out: 5266.460+/-6.141 χ^2/NDF : 0.0/0

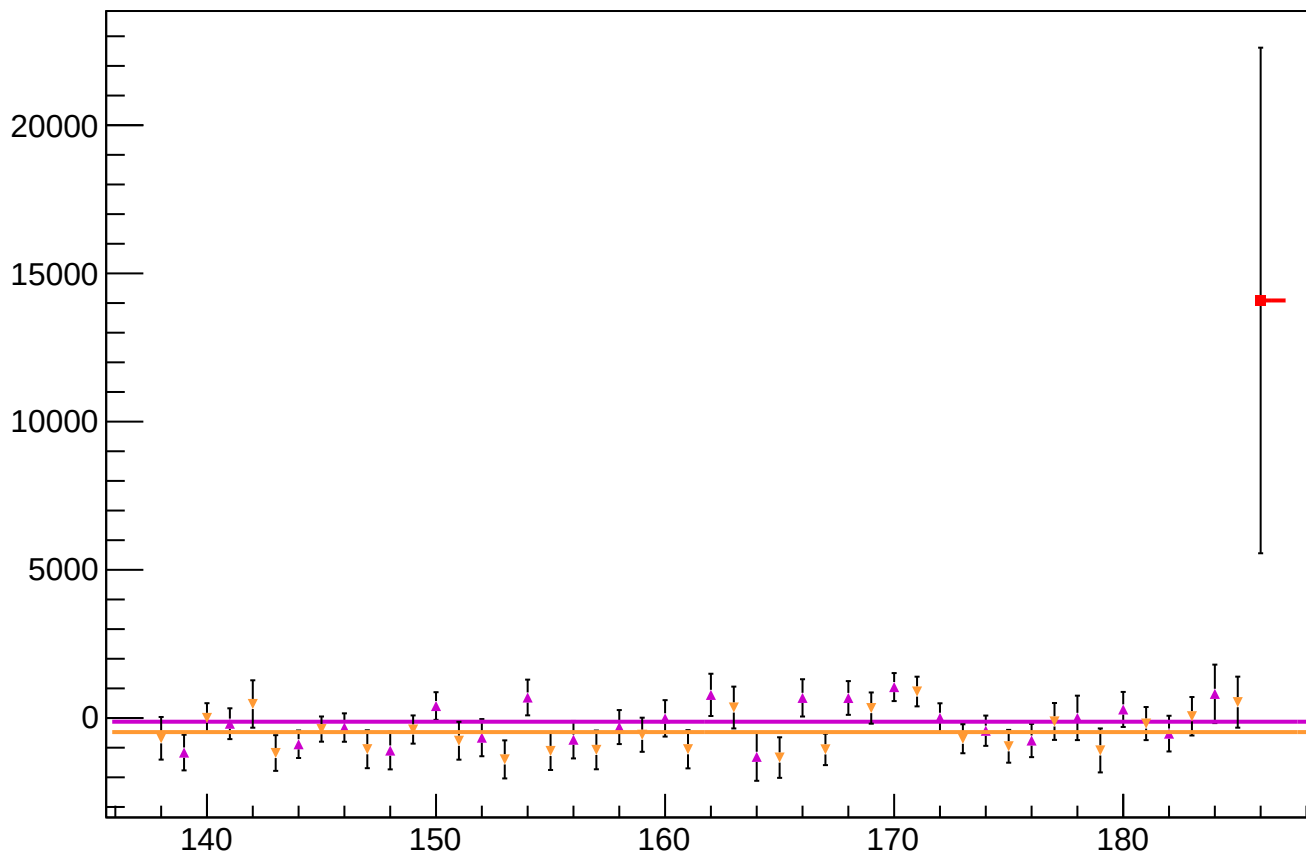
Left In: 516.120+/-0.088 χ^2/NDF : 571744.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 70792610.6/48

- sign 517.092+/-0.088 χ^2/NDF : 1169980.3/23

asym_sam_26_48_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -473.870 $\pm$ 117.977 χ^2/NDF : 27.9/24

Right Out: 14086.926 $\pm$ 8528.393 χ^2/NDF : 0.0/0

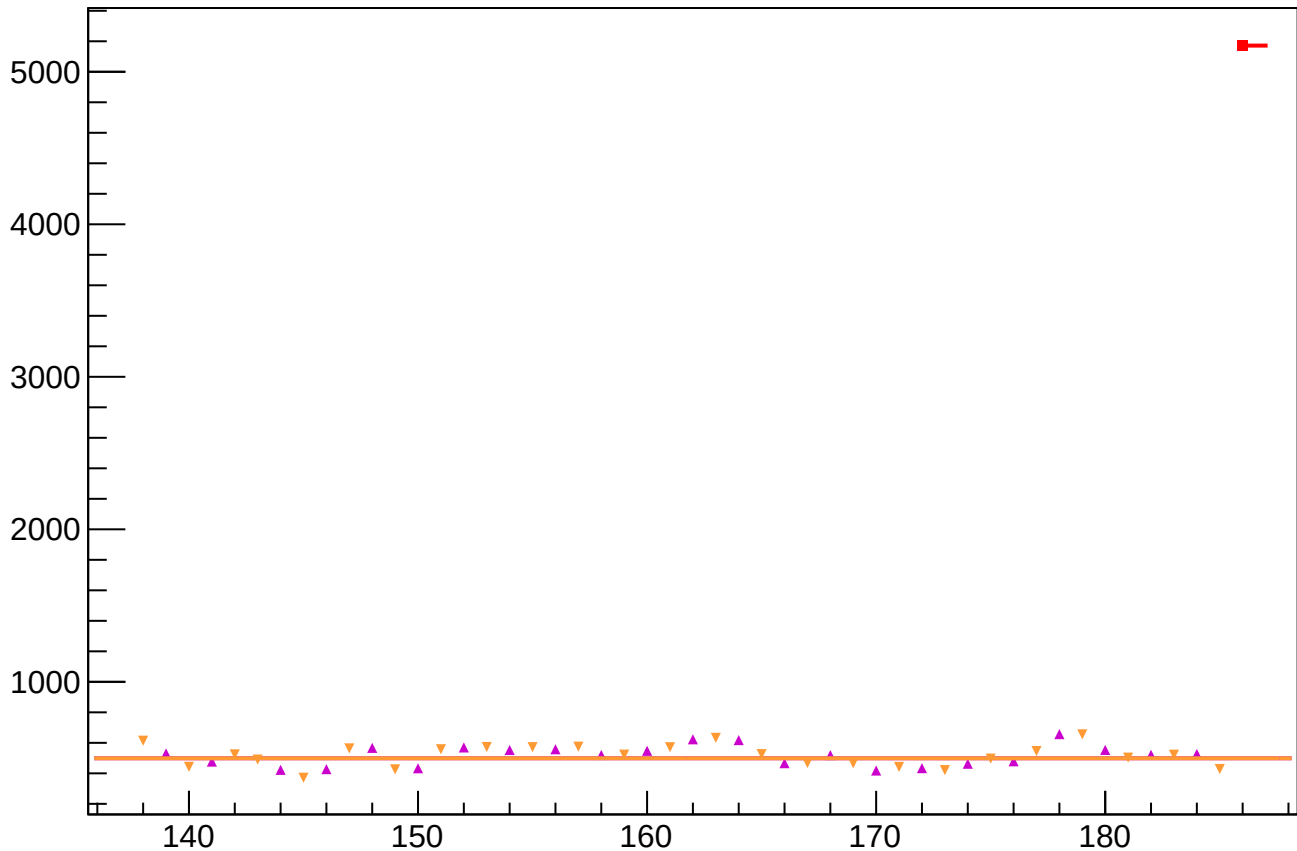
Left In: -124.022 $\pm$ 120.216 χ^2/NDF : 30.2/22

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -300.831 $\pm$ 84.199 χ^2/NDF : 65.3/48

- sign -121.199 $\pm$ 120.204 χ^2/NDF : 33.0/23

asym_sam_26_48_dd_rms vs Slug



Right In: 0.000+/-0.000 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

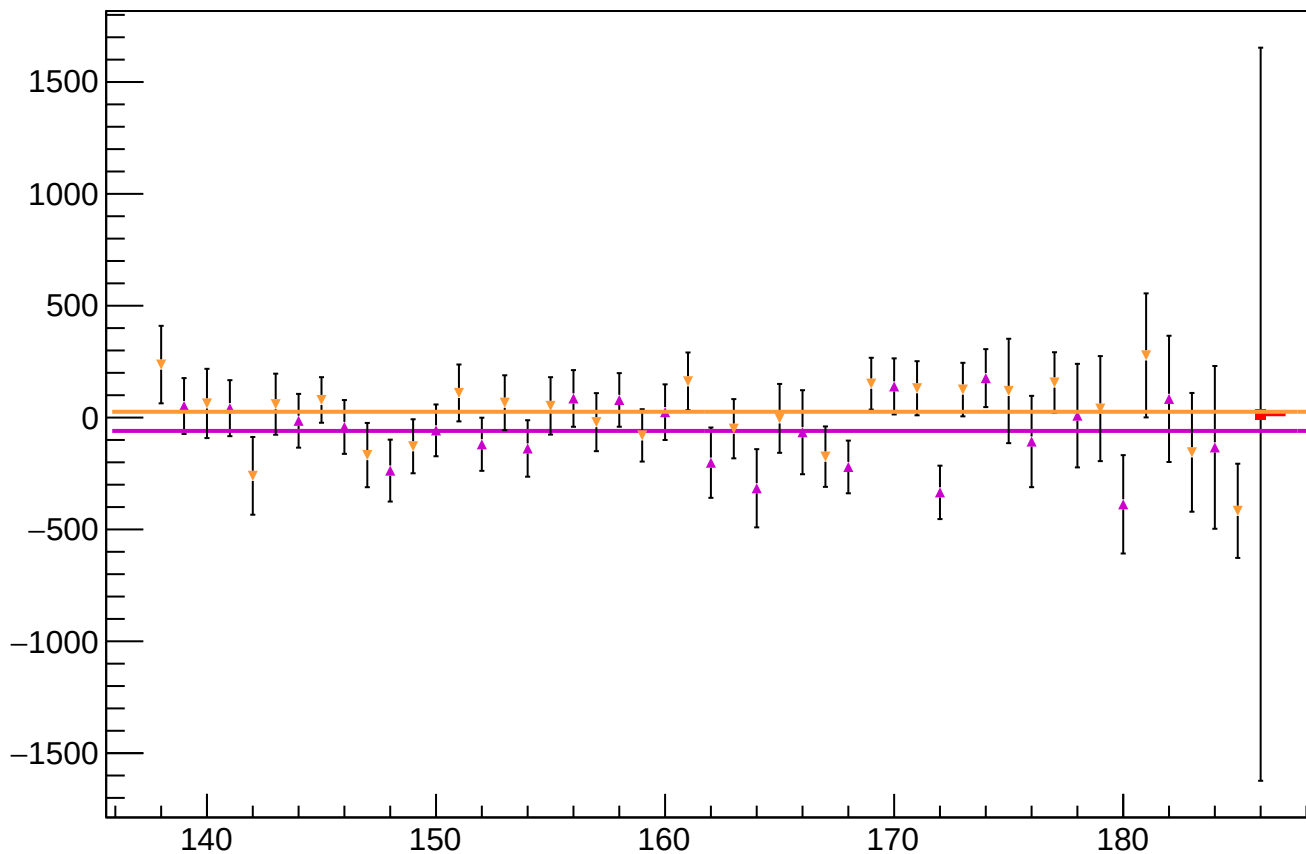
Left In: 498.835+/-0.085 χ^2/NDF : 572334.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.203+/-0.060 χ^2/NDF : 1907391.1/48

- sign 499.763+/-0.085 χ^2/NDF : 1172653.3/23

dit_asym_sam_1548_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

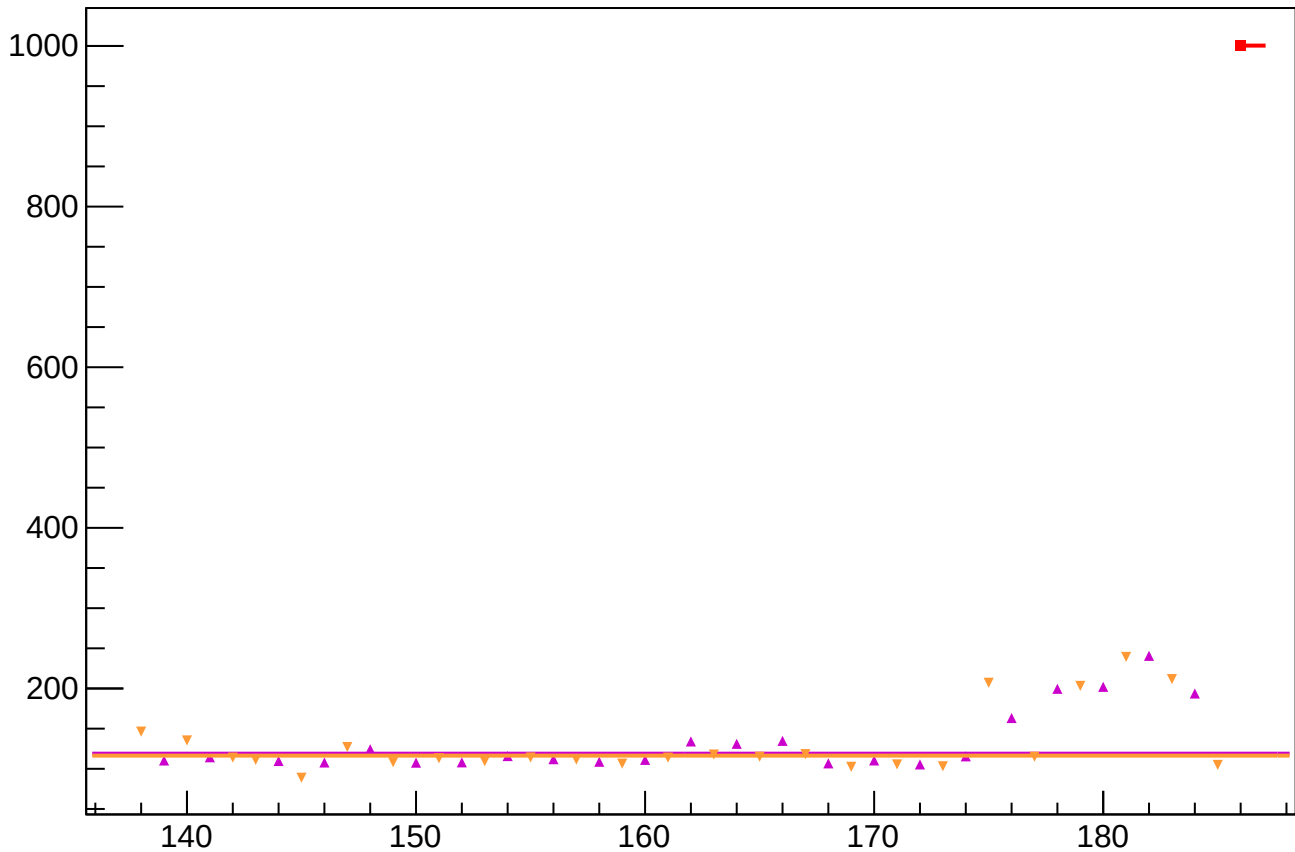
Left In: -59.603 $\pm$ 29.184 χ^2 /NDF:25.6/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.241 $\pm$ 20.248 χ^2 /NDF: 52.8/48

- sign -59.580 $\pm$ 29.179 χ^2 /NDF: 25.6/23

dit_asym_sam_1548_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 116.427+/-0.020 χ^2/NDF : 1589669.4/24

Right Out: 1000.458+/-1.159 χ^2/NDF : 0.0/0

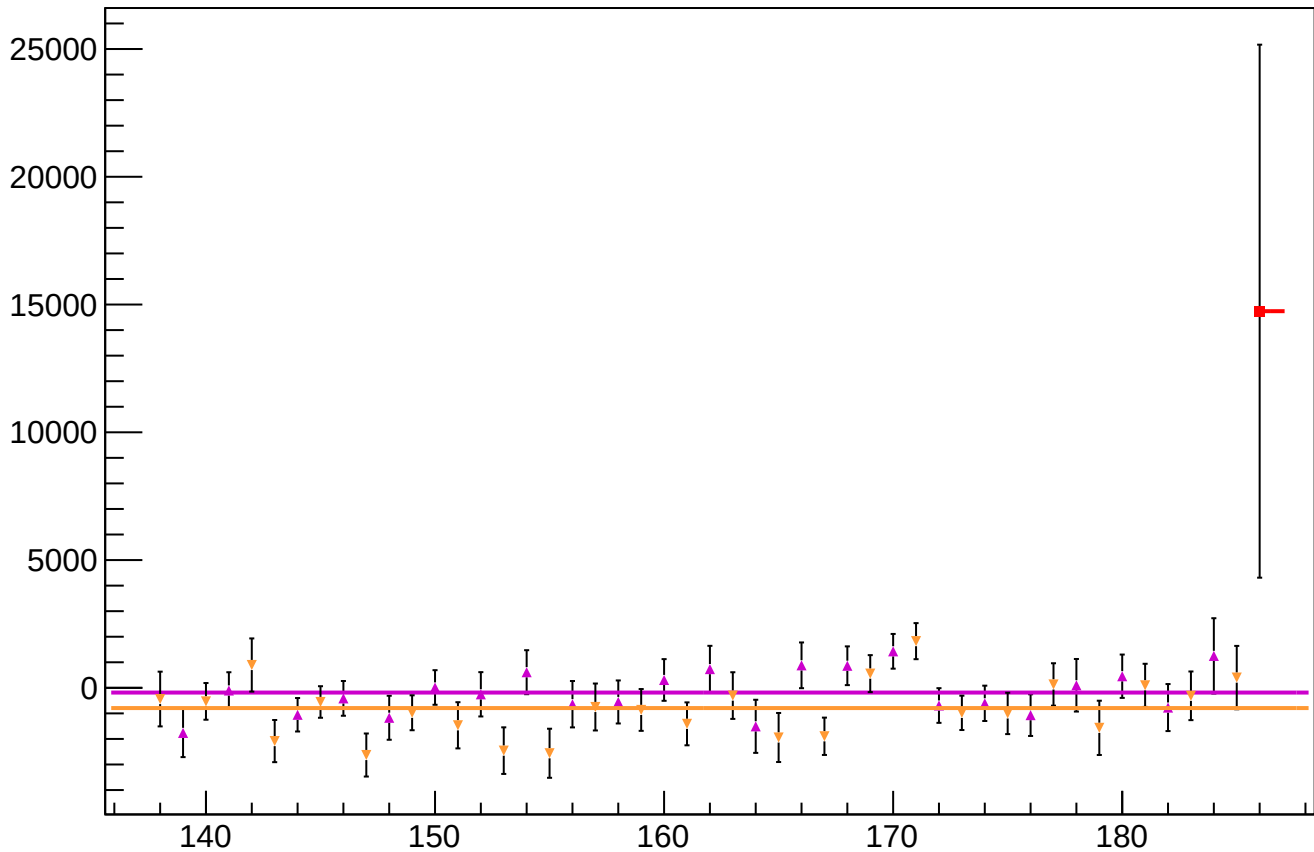
Left In: 118.822+/-0.021 χ^2/NDF : 1289178.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.715+/-0.014 χ^2/NDF : 3466401.6/48

- sign 119.101+/-0.021 χ^2/NDF : 1868022.9/23

asym_sam_1548_avg_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -791.963+/-165.971 χ^2/NDF : 43.6/24

Right Out: 14740.074+/-10429.677 χ^2/NDF : 0.0/0

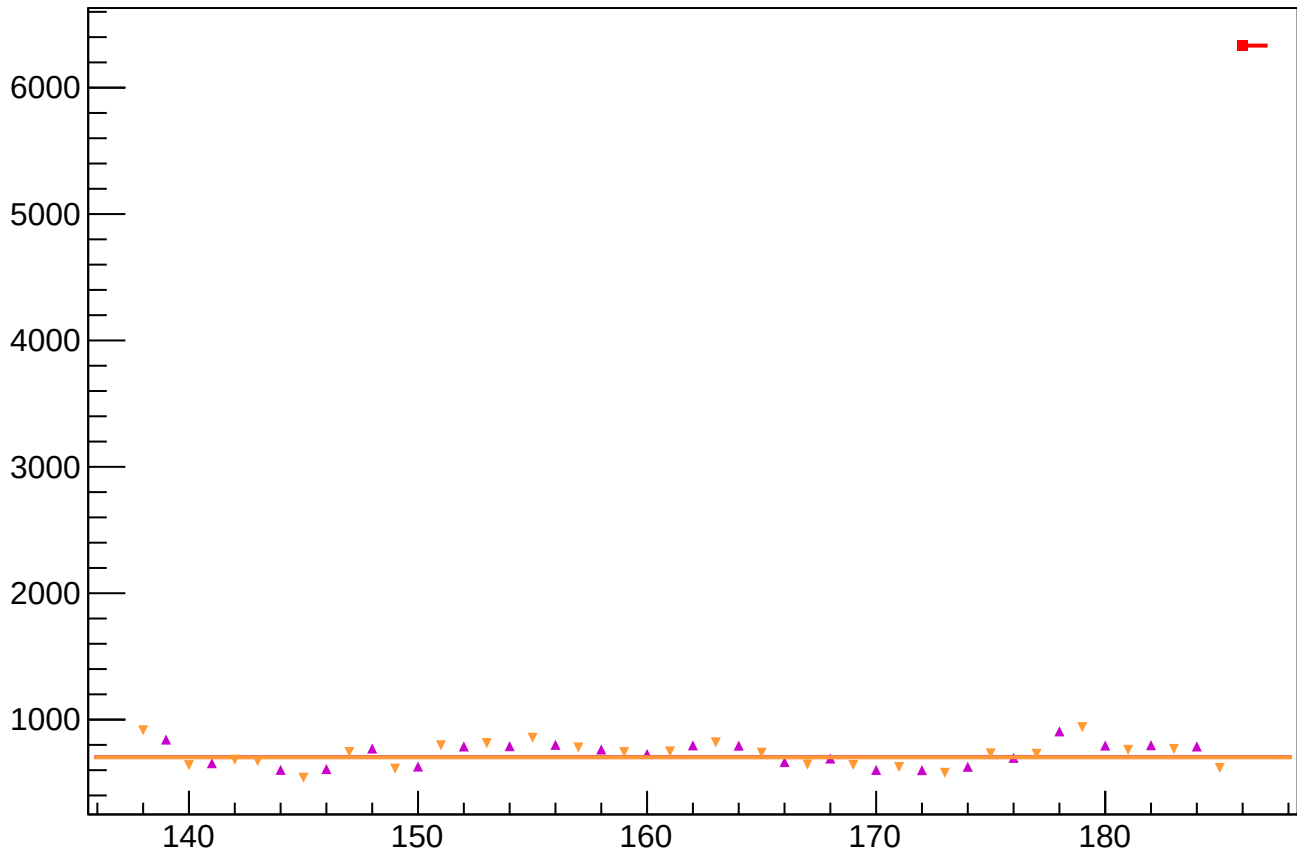
Left In: -185.191+/-169.174 χ^2/NDF : 23.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -492.411+/-118.468 χ^2/NDF : 75.7/48

- sign -181.265+/-169.152 χ^2/NDF : 25.5/23

asym_sam_1548_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 702.152+/-0.117 χ^2/NDF : 691552.2/24

Right Out: 6332.952+/-7.375 χ^2/NDF : 0.0/0

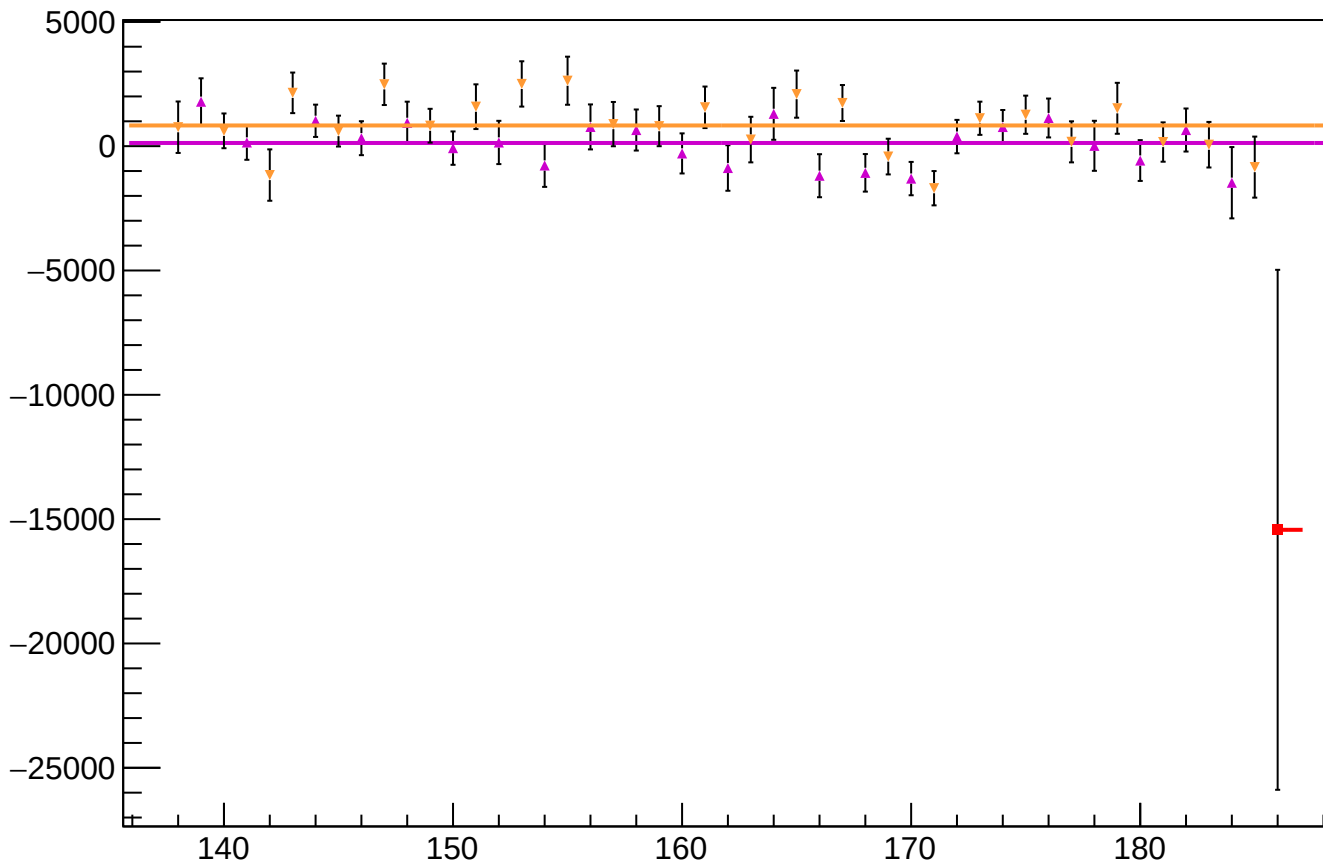
Left In: 703.710+/-0.120 χ^2/NDF : 533573.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.642+/-0.084 χ^2/NDF : 1807924.8/48

- sign 705.190+/-0.120 χ^2/NDF : 1116043.8/23

asym_sam_1548_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

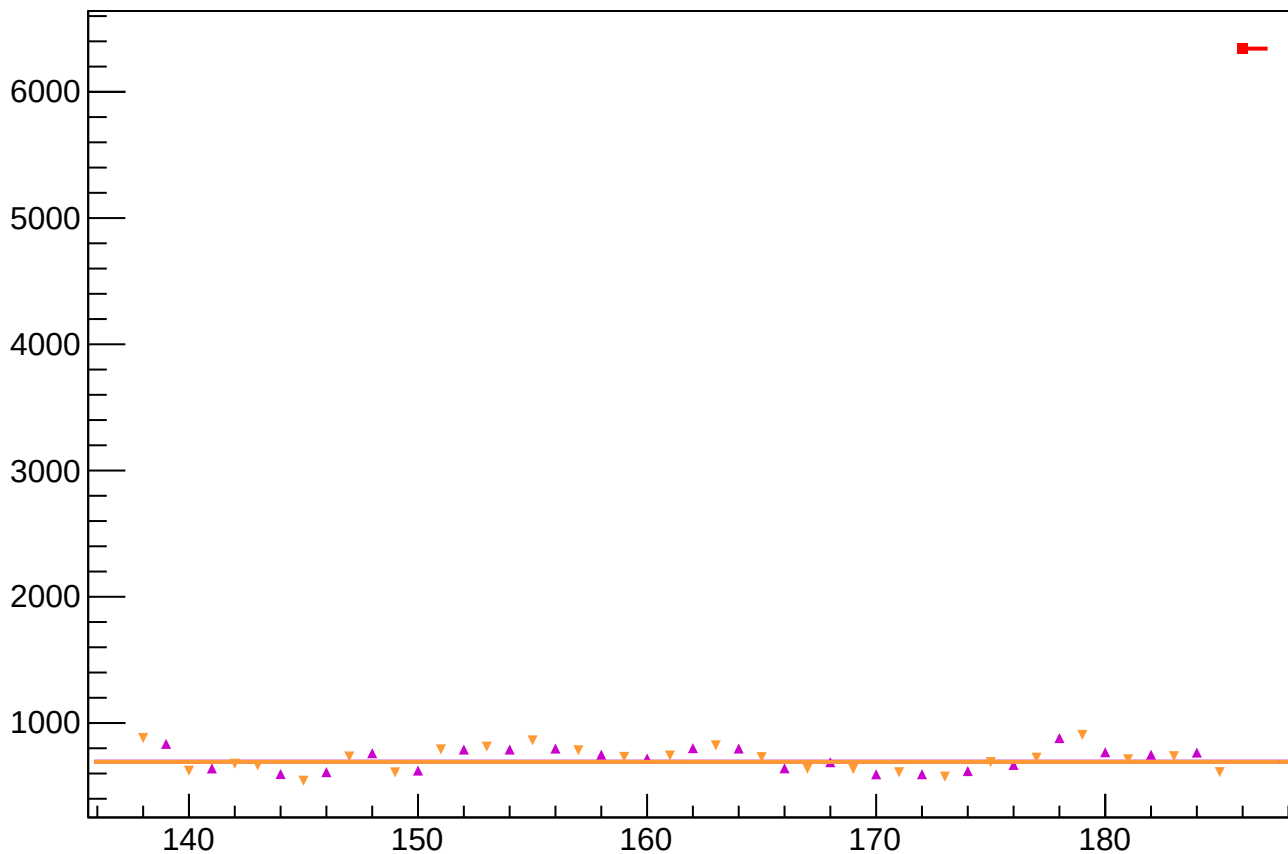
Left In: 128.120 $\pm$ 166.866 χ^2 /NDF:25.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 485.683 $\pm$ 116.750 χ^2 /NDF: 80.5/48

- sign 124.158 $\pm$ 166.844 χ^2 /NDF: 27.5/23

asym_sam_1548_avg_rms vs Slug



Right In: 0.000+/-0.000 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

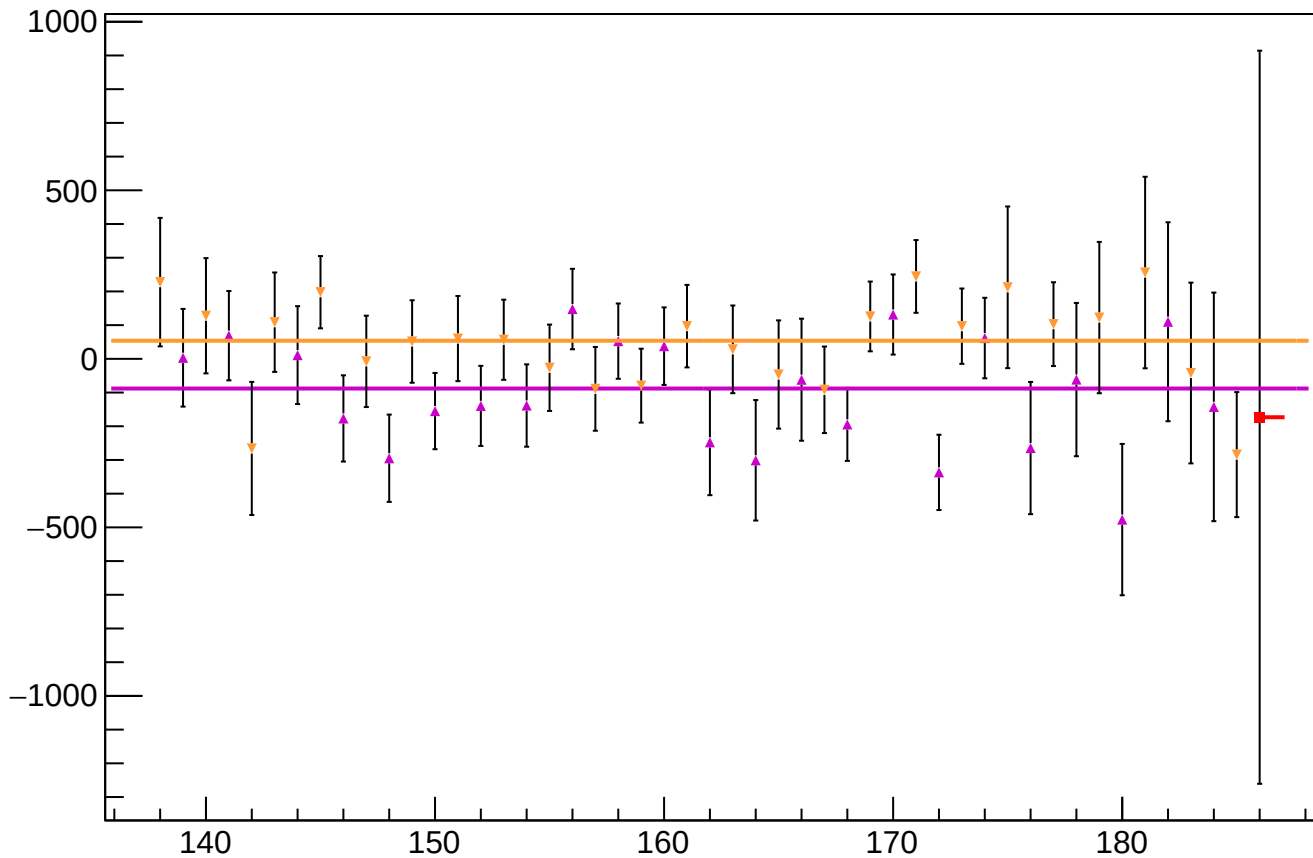
Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 693.531+/-0.083 χ^2/NDF : 1762287.9/48

- sign 695.054+/-0.118 χ^2/NDF : 1104324.9/23

dit_asym_sam_3748_avg_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 53.701 ± 27.462 χ^2/NDF : 19.2/24

Right Out: -173.249 ± 1087.496 χ^2/NDF : 0.0/0

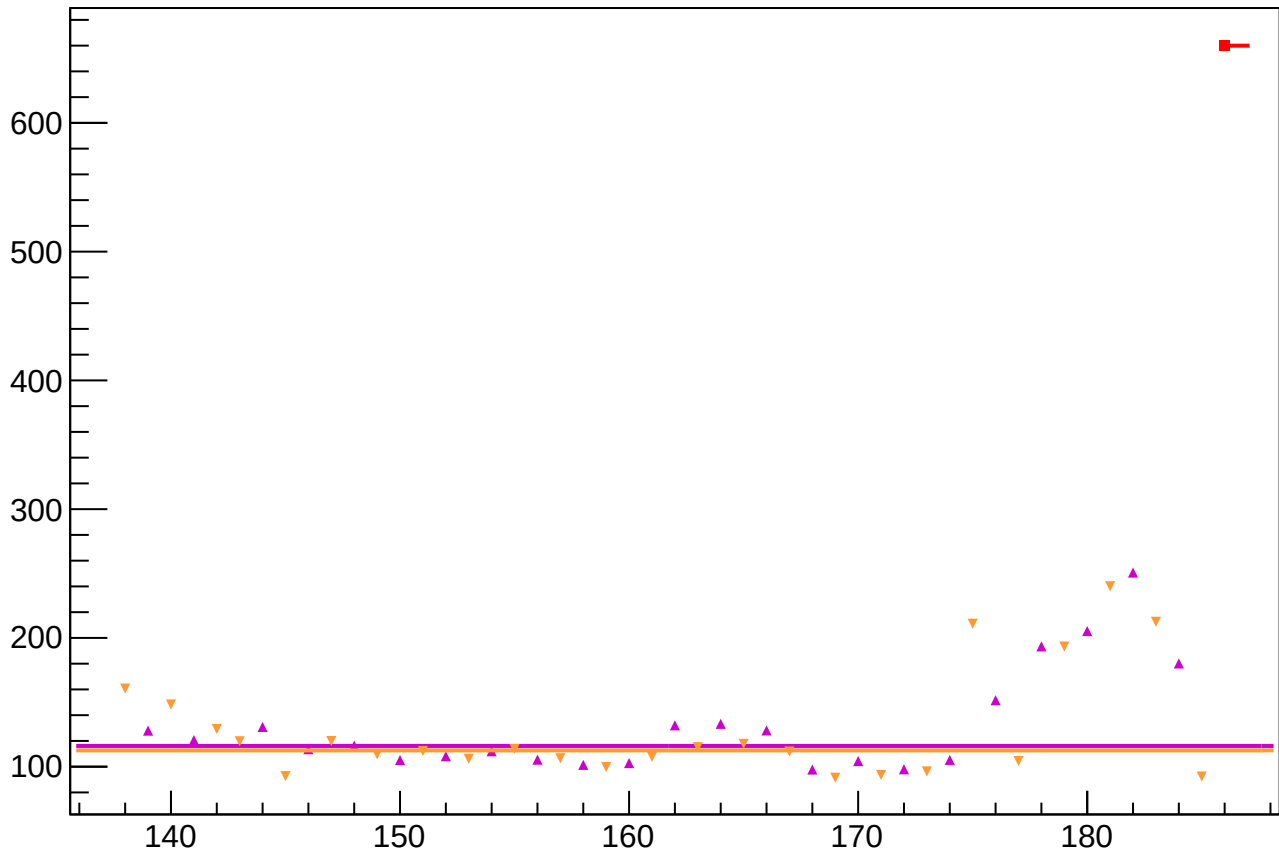
Left In: -88.085 ± 28.764 χ^2/NDF : 30.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.964 ± 19.859 χ^2/NDF : 62.3/48

- sign -88.144 ± 28.754 χ^2/NDF : 30.4/23

dit_asym_sam_3748_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 112.668+/-0.019 χ^2/NDF : 1851455.7/24

Right Out: 659.972+/-0.769 χ^2/NDF : 0.0/0

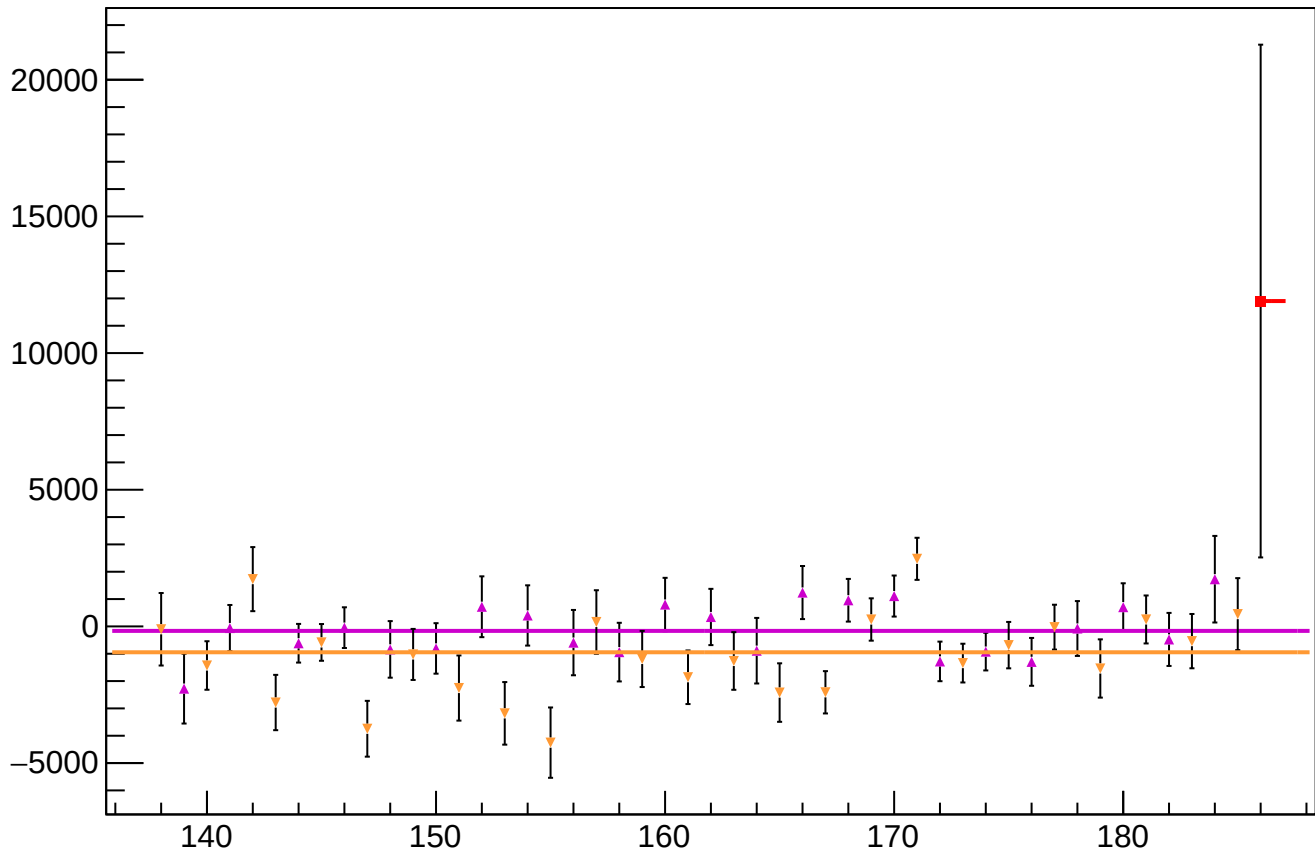
Left In: 116.108+/-0.020 χ^2/NDF : 1438879.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.490+/-0.014 χ^2/NDF : 3808658.1/48

- sign 116.488+/-0.020 χ^2/NDF : 1938742.9/23

asym_sam_3748_avg_correction_mean vs Slug



Right In: 0.000+/-0.000 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

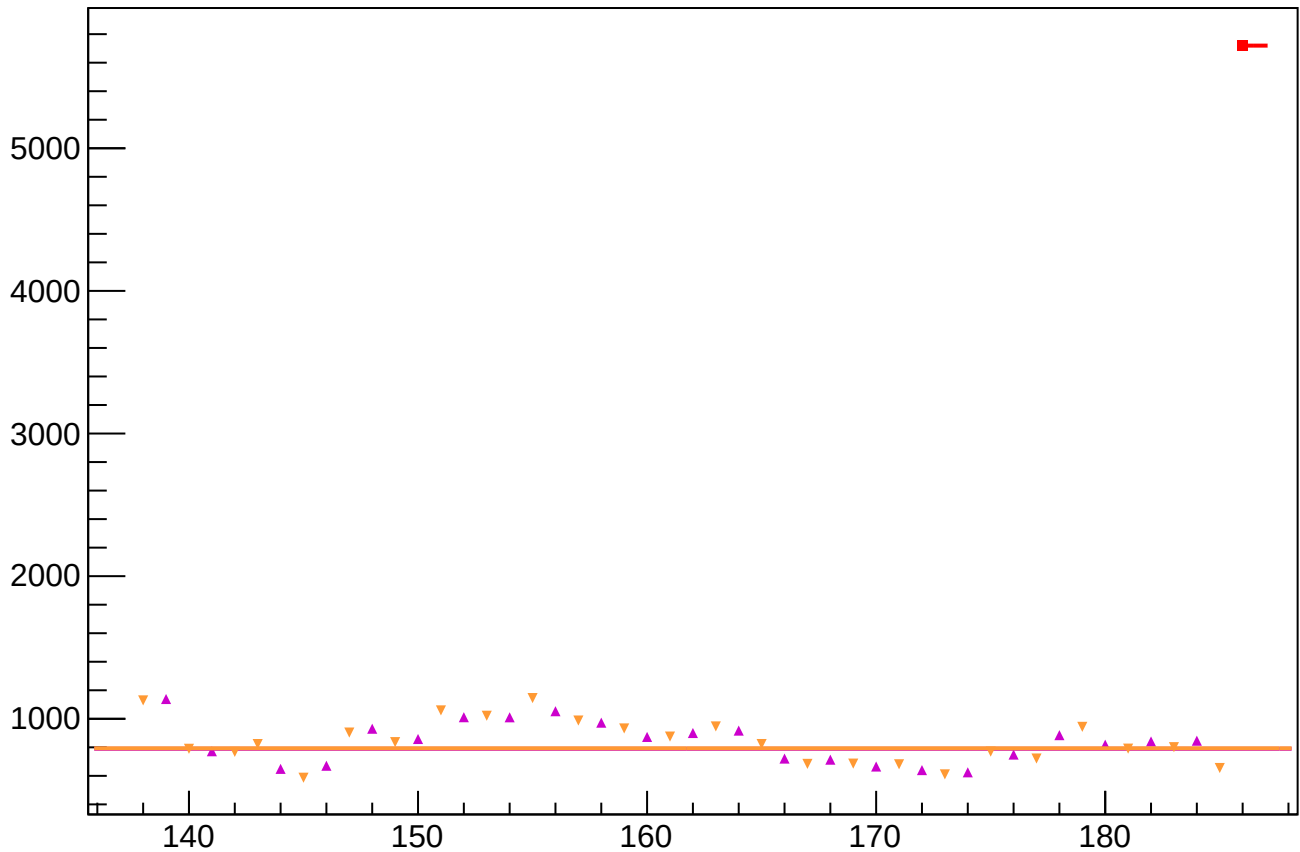
Left In: -164.202+/-191.131 χ^2/NDF : 22.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -557.825+/-134.257 χ^2/NDF : 95.6/48

- sign -159.193+/-191.091 χ^2/NDF : 23.7/23

asym_sam_3748_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 793.154+/-0.133 χ^2/NDF :1158856.1/24

Right Out: 5719.641+/-6.633 χ^2/NDF : 0.0/0

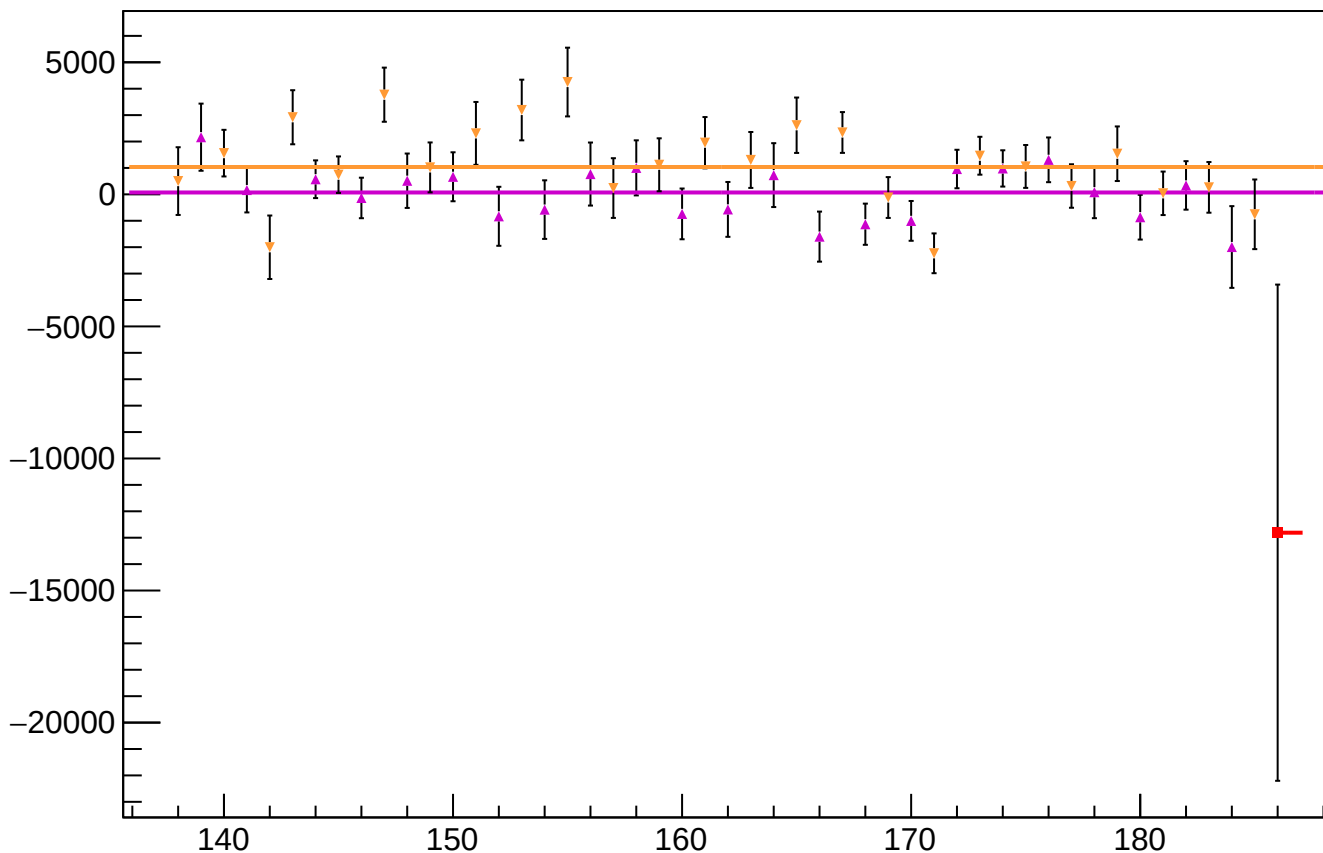
Left In: 789.699+/-0.135 χ^2/NDF :1019959.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.459+/-0.095 χ^2/NDF : 2731118.6/48

- sign 791.745+/-0.135 χ^2/NDF : 1572207.4/23

asym_sam_3748_avg_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1035.605+/-187.244 χ^2/NDF : 61.4/24

Right Out: -12810.123+/-9393.692 χ^2/NDF : 0.0/0

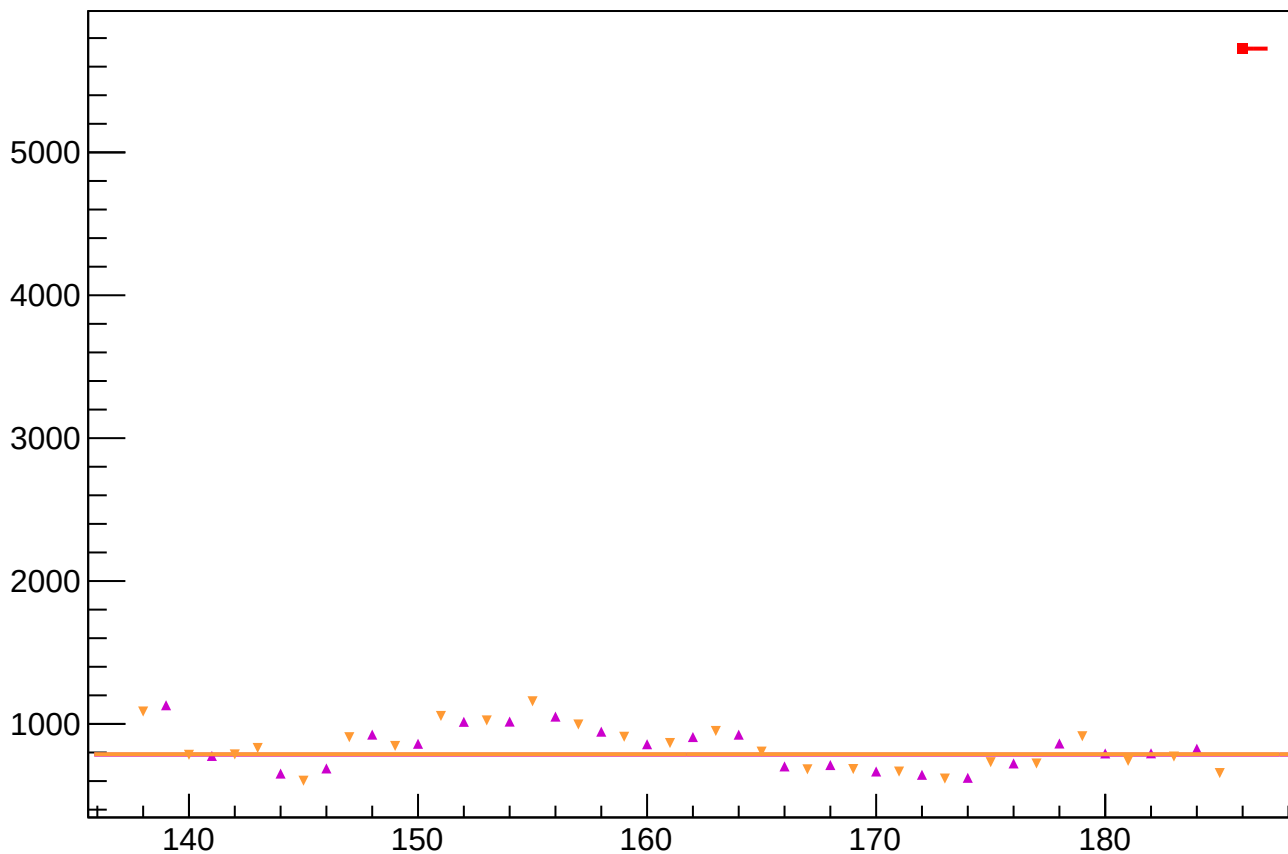
Left In: 70.852+/-190.155 χ^2/NDF : 23.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.975+/-133.405 χ^2/NDF : 99.8/48

- sign 65.575+/-190.116 χ^2/NDF : 25.3/23

asym_sam_3748_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 787.981+/-0.132 χ^2/NDF :1113986.0/24

Right Out: 5726.201+/-6.642 χ^2/NDF : 0.0/0

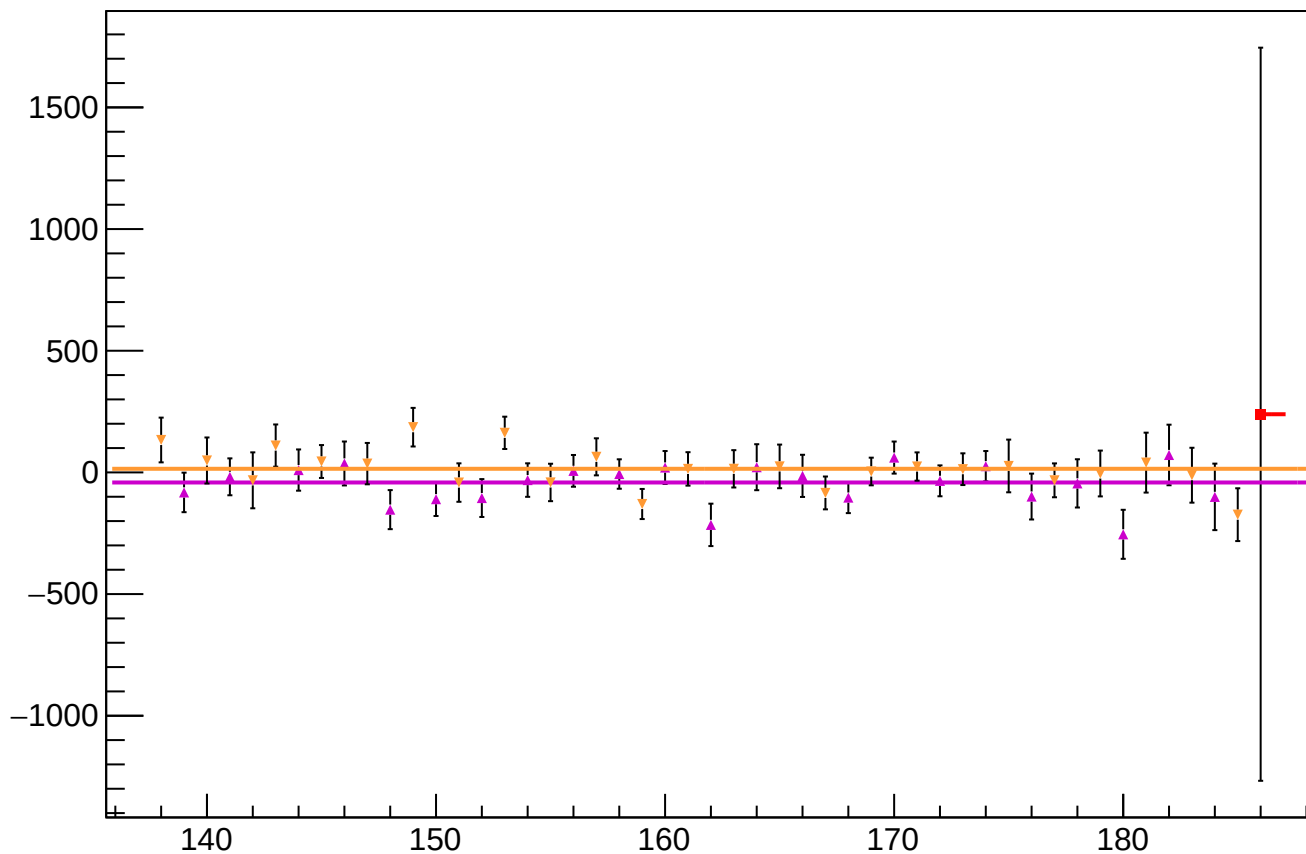
Left In: 785.179+/-0.134 χ^2/NDF :976942.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.598+/-0.094 χ^2/NDF : 2644056.9/48

- sign 787.203+/-0.134 χ^2/NDF : 1530053.8/23

dit_asym_sam_1526_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 14.879 $\pm$ 15.529 χ^2 /NDF:25.8/24

Right Out: 239.061 $\pm$ 1506.387 χ^2 /NDF: 0.0/0

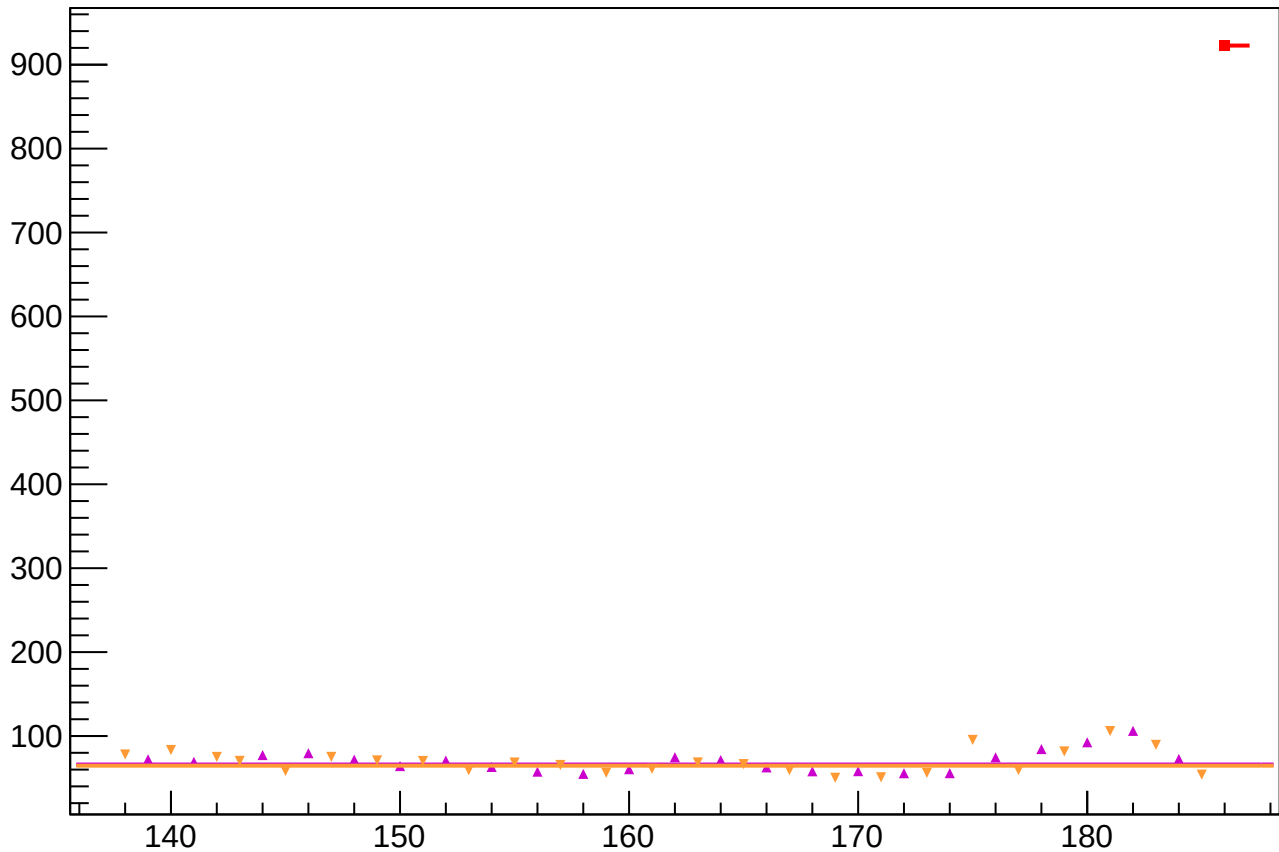
Left In: -41.428 $\pm$ 16.130 χ^2 /NDF:21.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.192 $\pm$ 11.187 χ^2 /NDF: 53.9/48

- sign -41.396 $\pm$ 16.129 χ^2 /NDF: 21.7/23

dit_asym_sam_1526_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 64.680+/-0.011 χ^2/NDF : 1150386.4/24

Right Out: 922.789+/-1.065 χ^2/NDF : 0.0/0

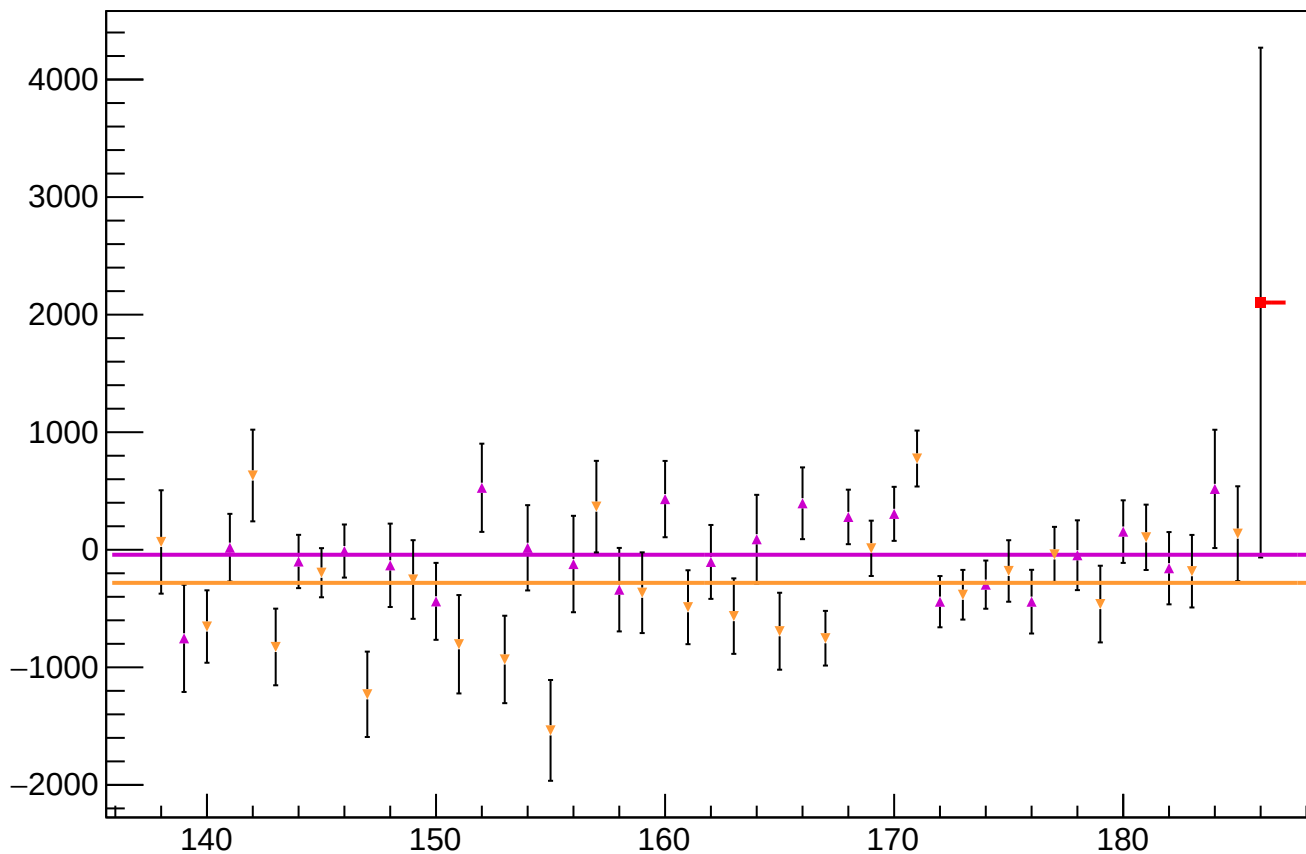
Left In: 66.016+/-0.011 χ^2/NDF : 868433.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.370+/-0.008 χ^2/NDF : 2673930.5/48

- sign 66.114+/-0.011 χ^2/NDF : 1515335.9/23

asym_sam_1526_avg_correction_mean vs Slug



Right In: 0.000 ± 0.000 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

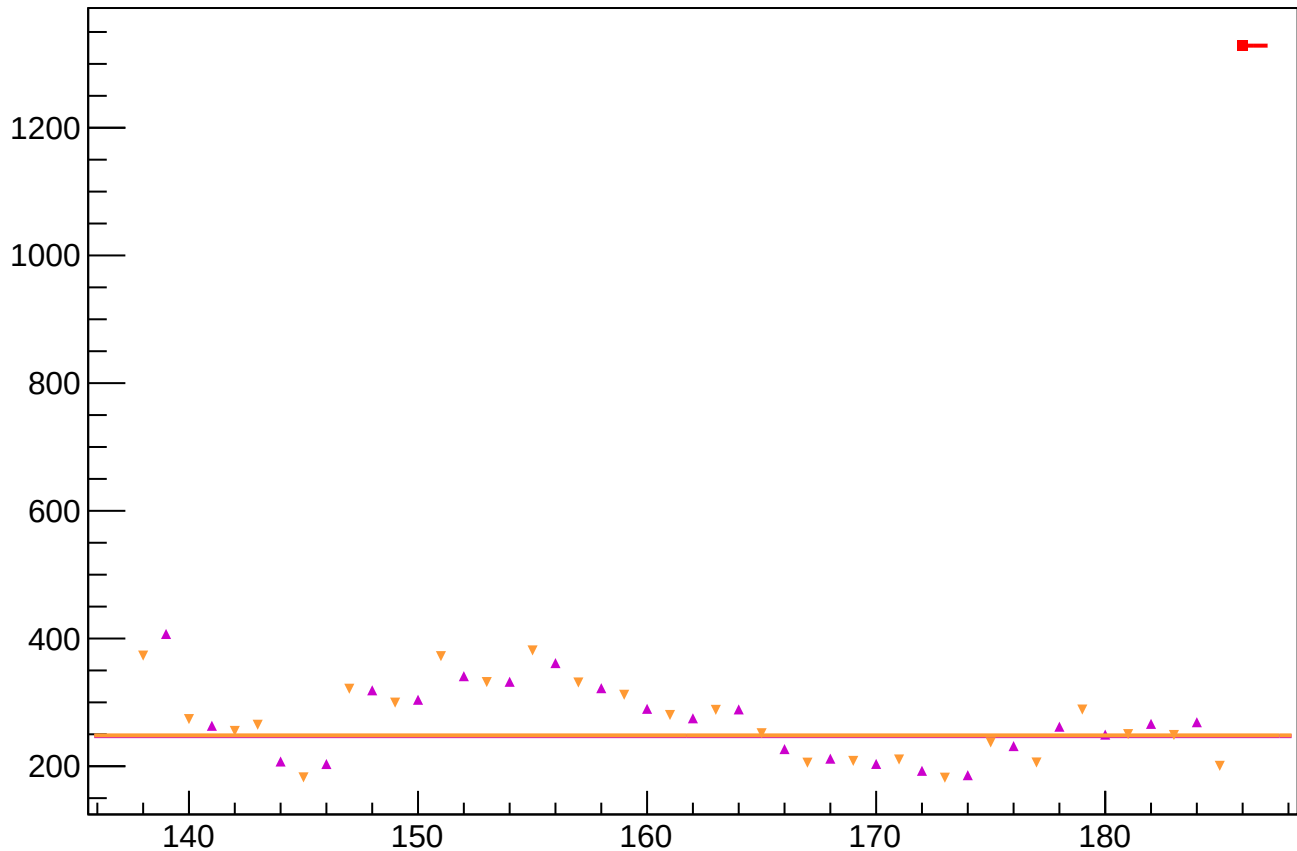
Left In: -42.368 ± 60.284 χ^2/NDF : 24.7/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -162.519 ± 42.351 χ^2/NDF : 100.2/48

- sign -40.710 ± 60.261 χ^2/NDF : 25.7/23

asym_sam_1526_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 248.297+/-0.042 χ^2/NDF : 1687698.9/24

Right Out: 1328.590+/-1.533 χ^2/NDF : 0.0/0

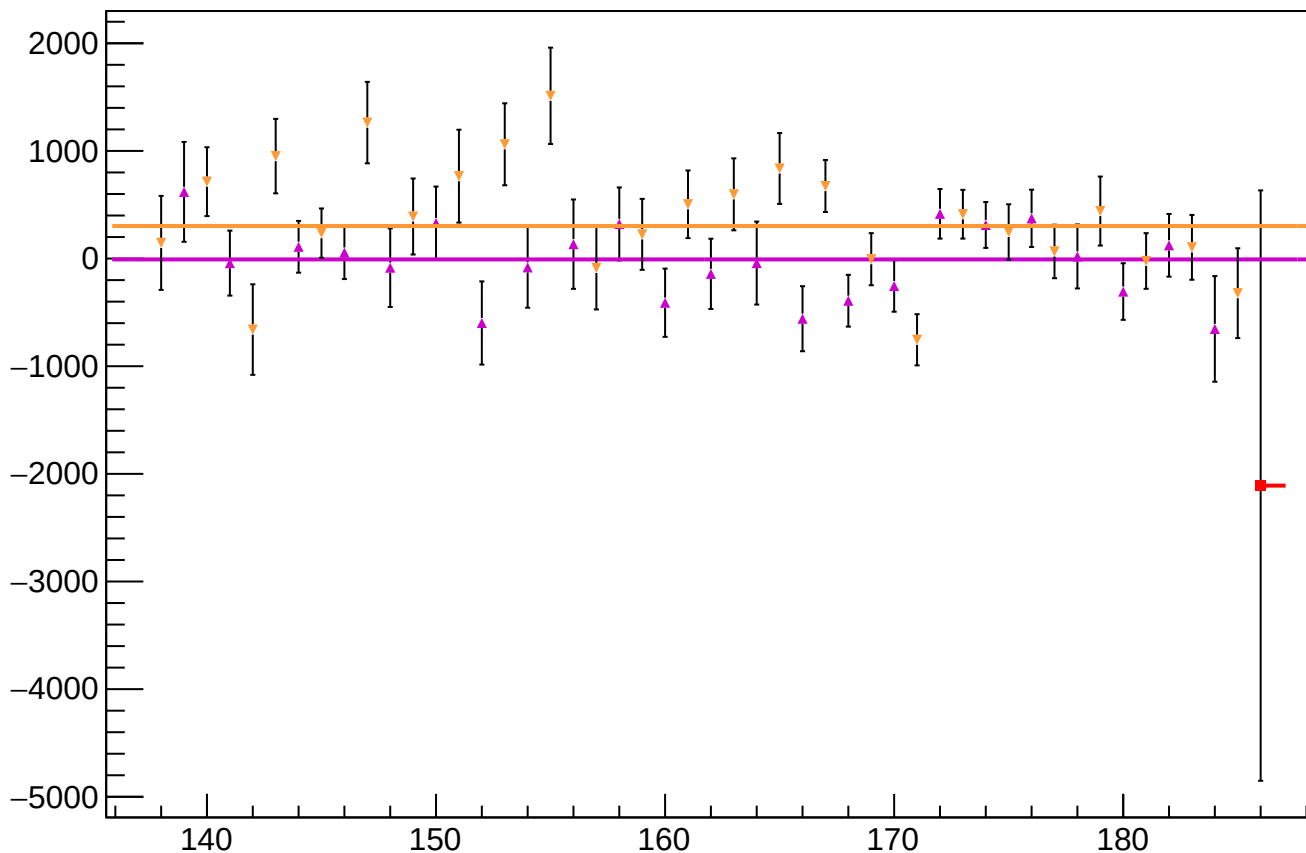
Left In: 247.105+/-0.043 χ^2/NDF : 1539330.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.121+/-0.030 χ^2/NDF : 3724347.9/48

- sign 247.941+/-0.043 χ^2/NDF : 2036613.8/23

asym_sam_1526_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

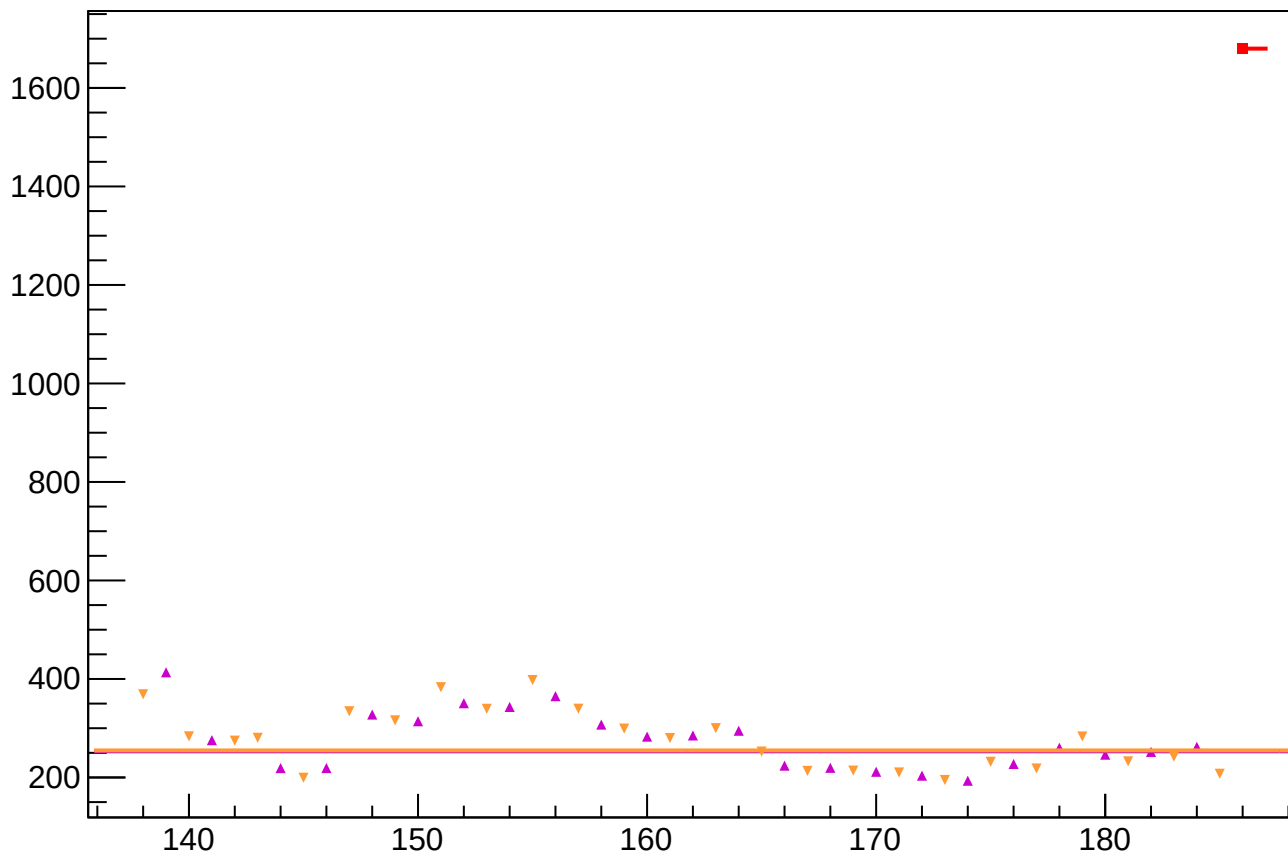
Left In: -7.915 $\pm$ 61.726 χ^2 /NDF:26.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.546 $\pm$ 43.379 χ^2 /NDF: 103.6/48

- sign -8.979 $\pm$ 61.710 χ^2 /NDF: 26.9/23

asym_sam_1526_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 254.937+/-0.043 χ^2/NDF :1541708.7/24

Right Out: 1679.837+/-1.939 χ^2/NDF : 0.0/0

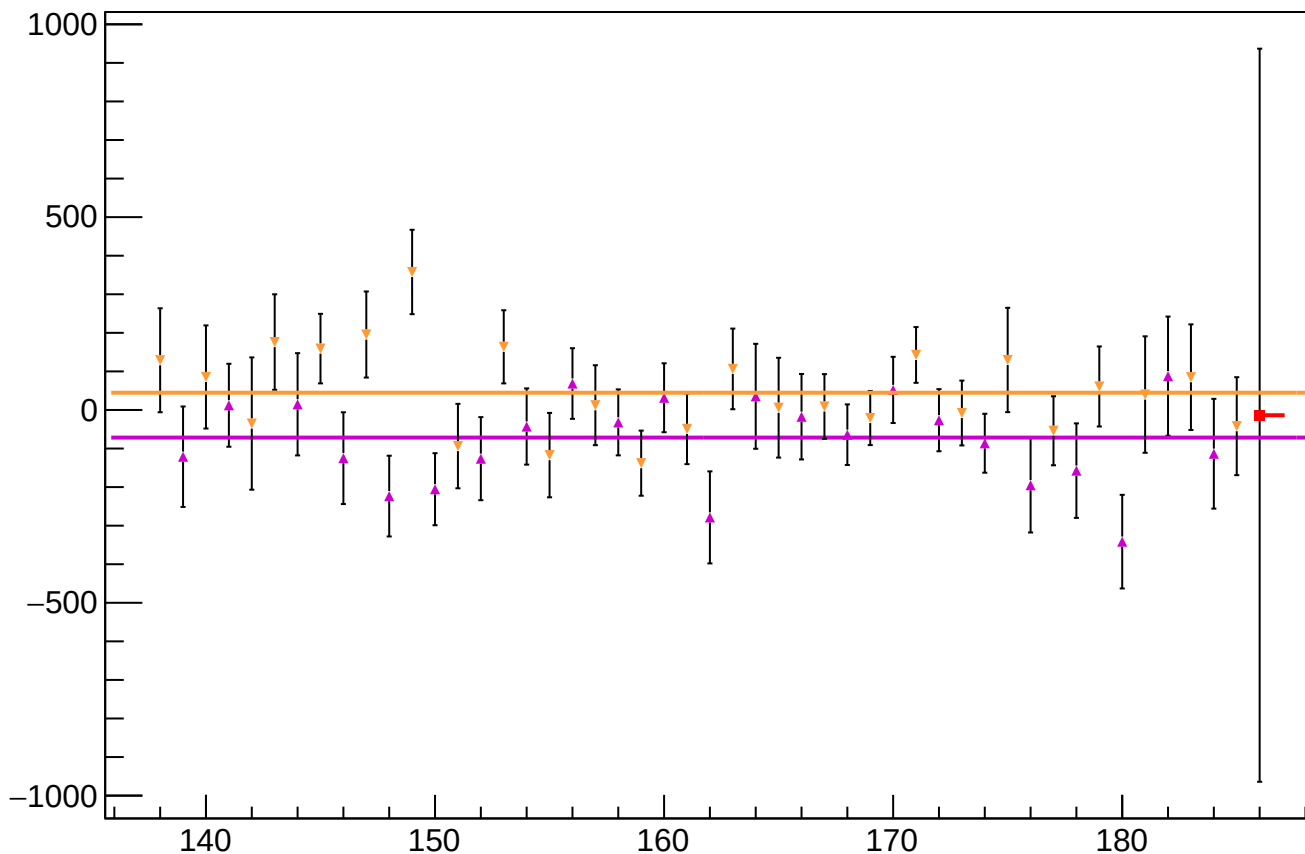
Left In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.421+/-0.031 χ^2/NDF : 3449521.0/48

- sign 253.893+/-0.044 χ^2/NDF : 1907522.3/23

dit_asym_sam_3726_avg_mean vs Slug



Right In: 0.000+/-0.000 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

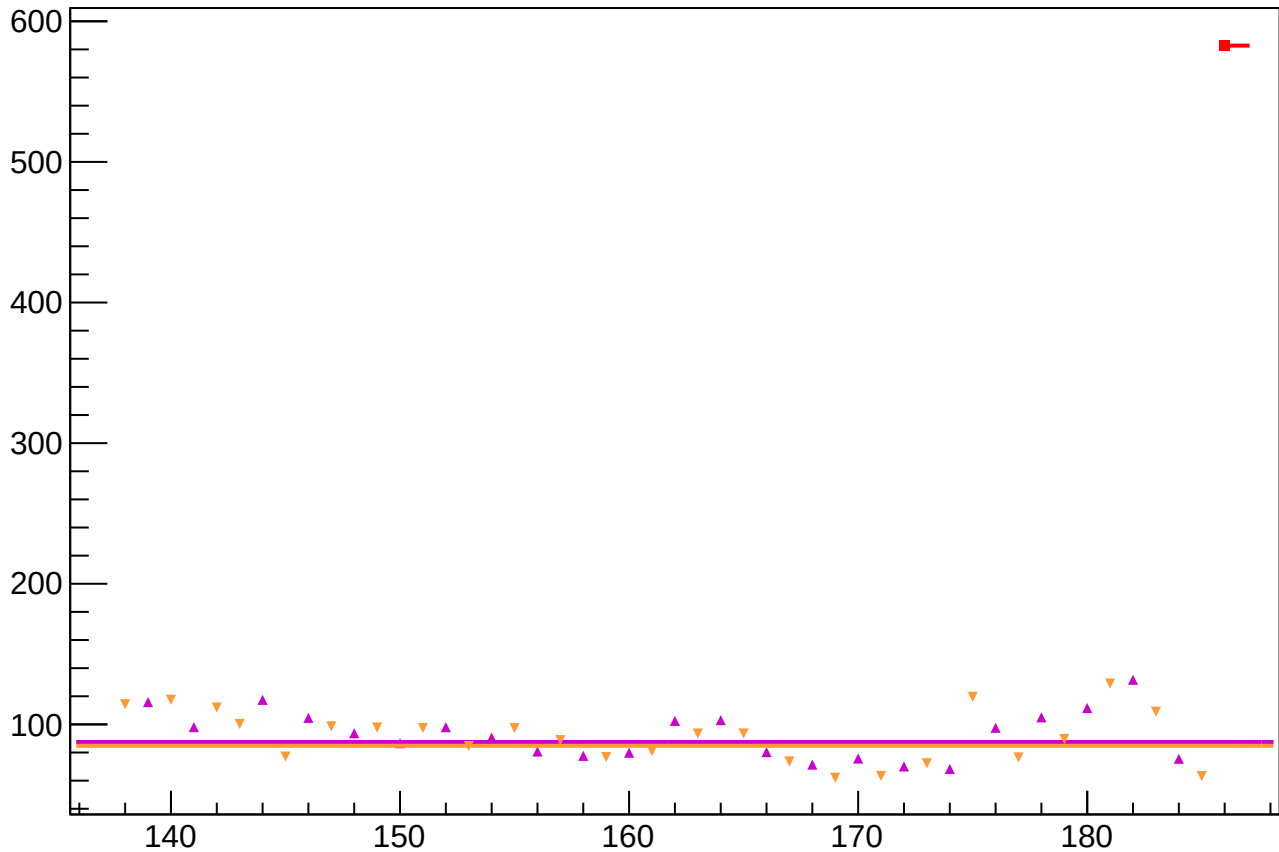
Left In: -71.620+/-21.469 χ^2/NDF :23.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.639+/-14.809 χ^2/NDF : 69.6/48

- sign -71.591+/-21.463 χ^2/NDF : 23.7/23

dit_asym_sam_3726_avg_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

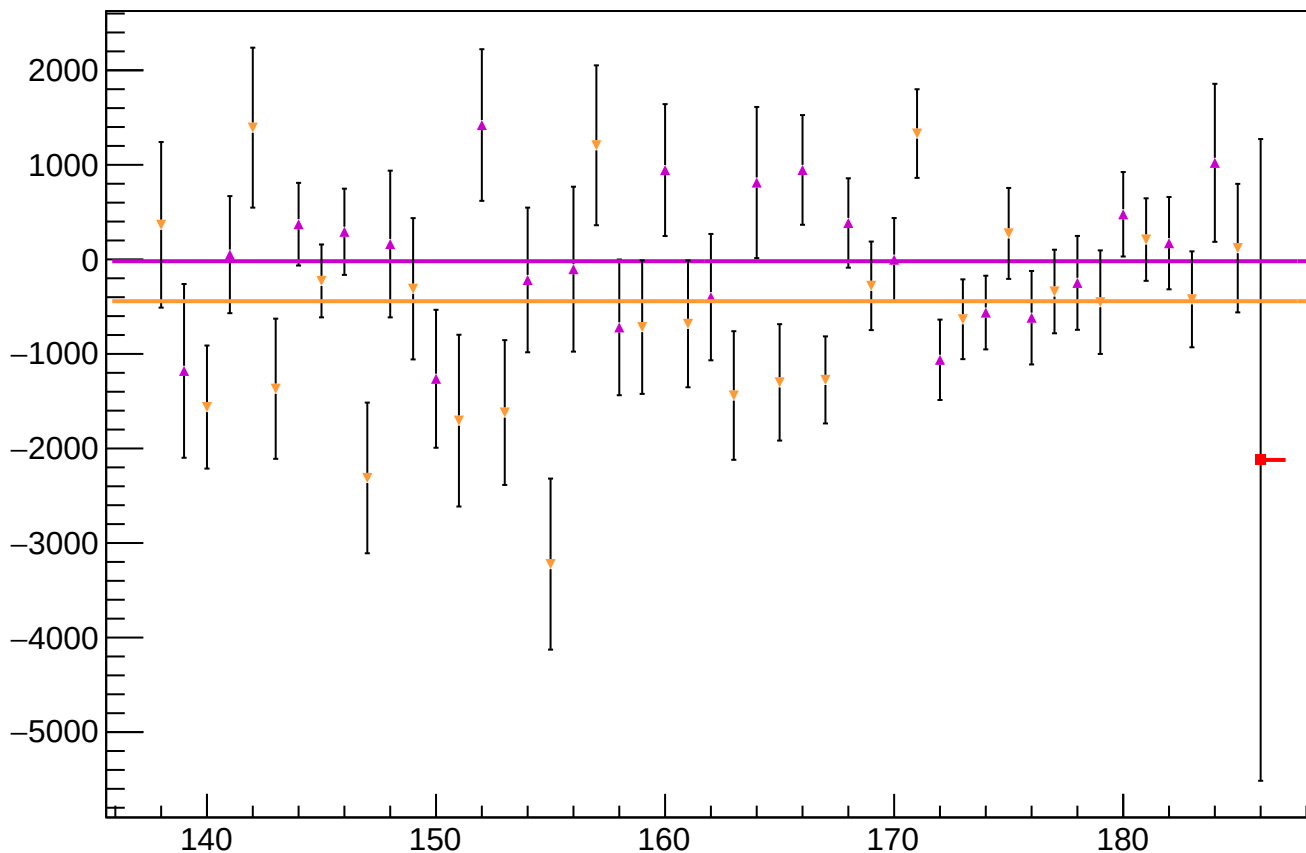
Left In: 87.477 $\pm$ 0.015 χ^2 /NDF:1056450.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.191 $\pm$ 0.010 χ^2 /NDF: 3001581.2/48

- sign 87.730 $\pm$ 0.015 χ^2 /NDF: 1599078.1/23

asym_sam_3726_avg_correction_mean vs Slug



Right In: 0.000 ± 0.000 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

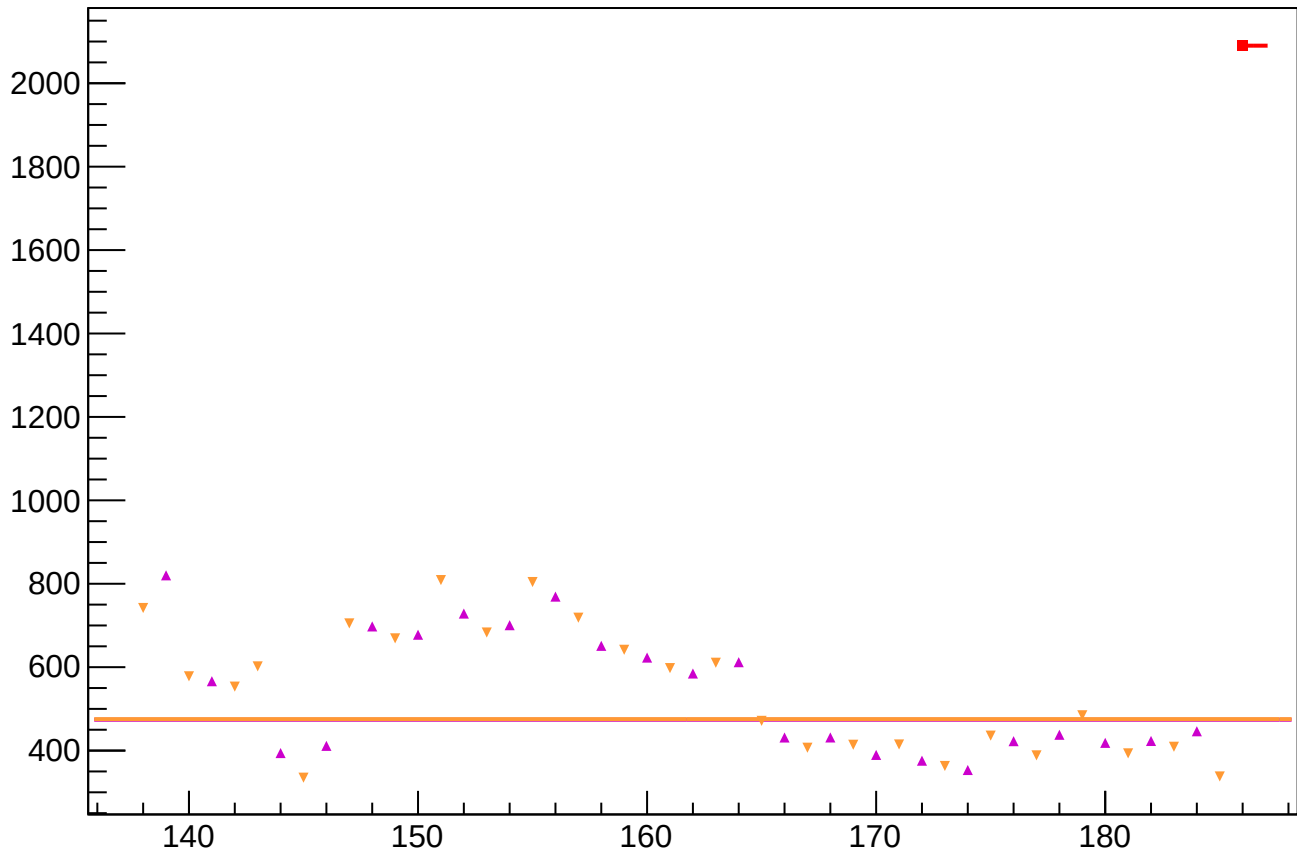
Left In: -19.322 ± 116.820 χ^2/NDF : 29.5/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

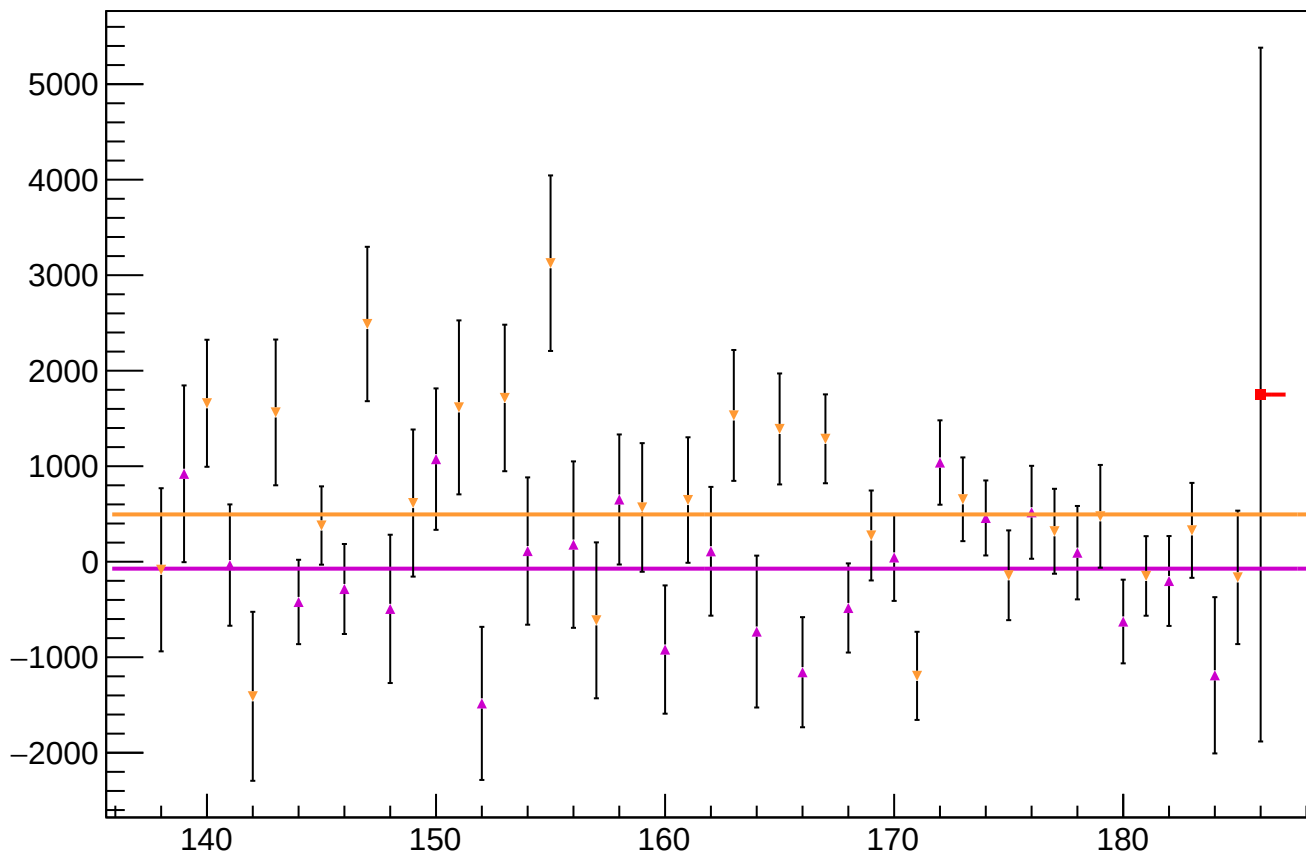
All: -234.449 ± 82.083 χ^2/NDF : 97.4/48

- sign -21.809 ± 116.751 χ^2/NDF : 29.9/23

asym_sam_3726_avg_correction_rms vs Slug



asym_sam_3726_avg_mean vs Slug



Right In: 0.000+/-0.000 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

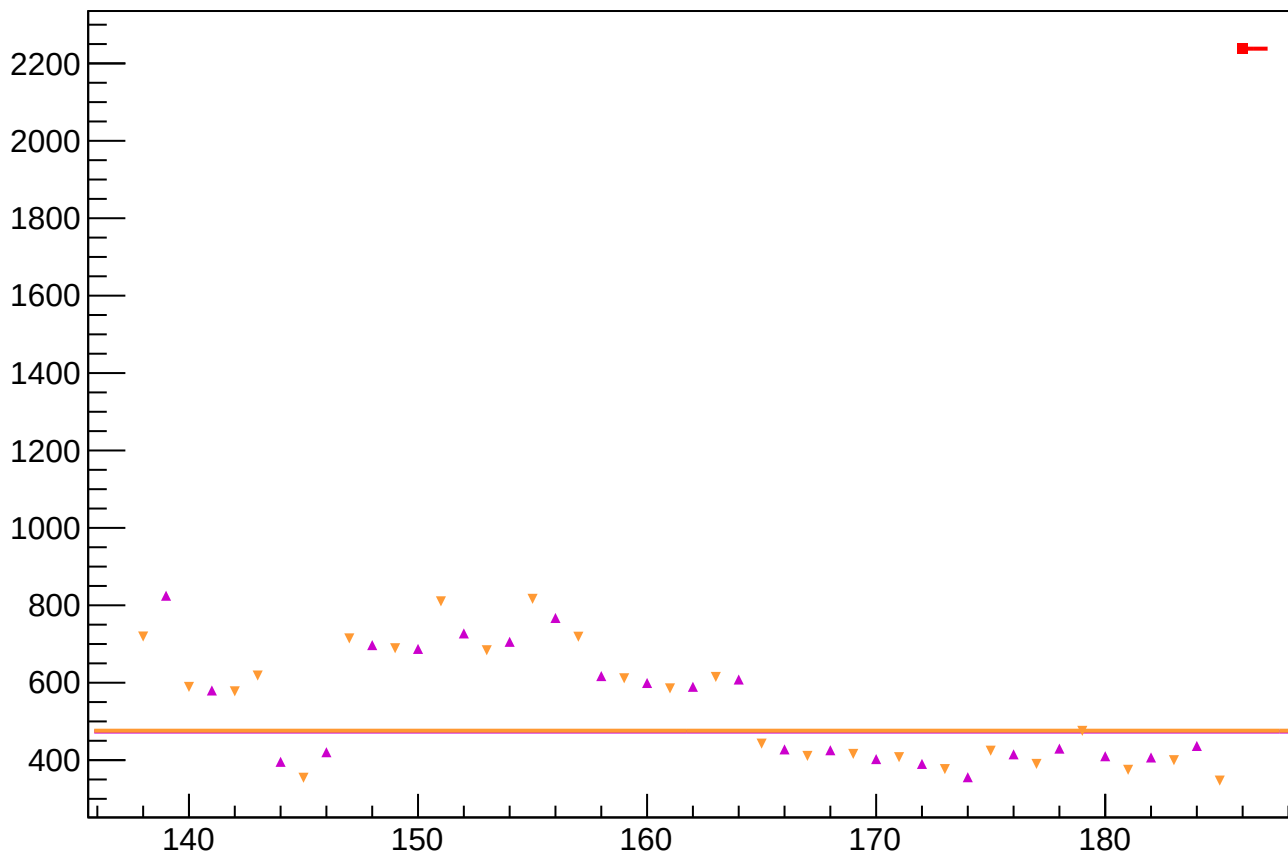
Left In: -72.627+/-116.927 χ^2/NDF : 29.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.536+/-82.157 χ^2/NDF : 98.3/48

- sign -70.740+/-116.867 χ^2/NDF : 29.3/23

asym_sam_3726_avg_rms vs Slug



Right In: 0.000+/-0.000 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

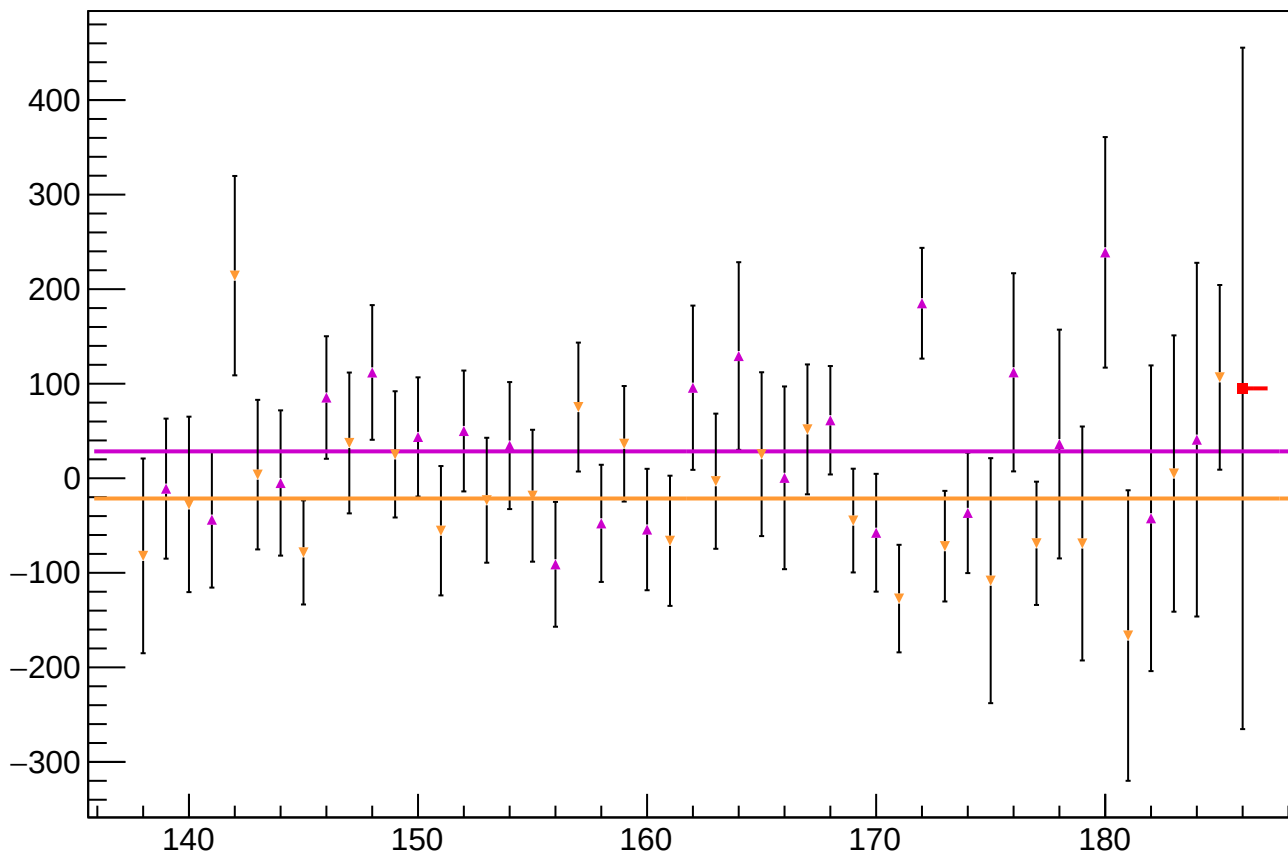
Left In: 473.824+/-0.083 χ^2/NDF : 2113753.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.856+/-0.058 χ^2/NDF : 5047010.3/48

- sign 475.650+/-0.083 χ^2/NDF : 2585159.4/23

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -21.397 $\pm$ 14.800 χ^2 /NDF:20.9/24

Right Out: 95.055 $\pm$ 360.357 χ^2 /NDF: 0.0/0

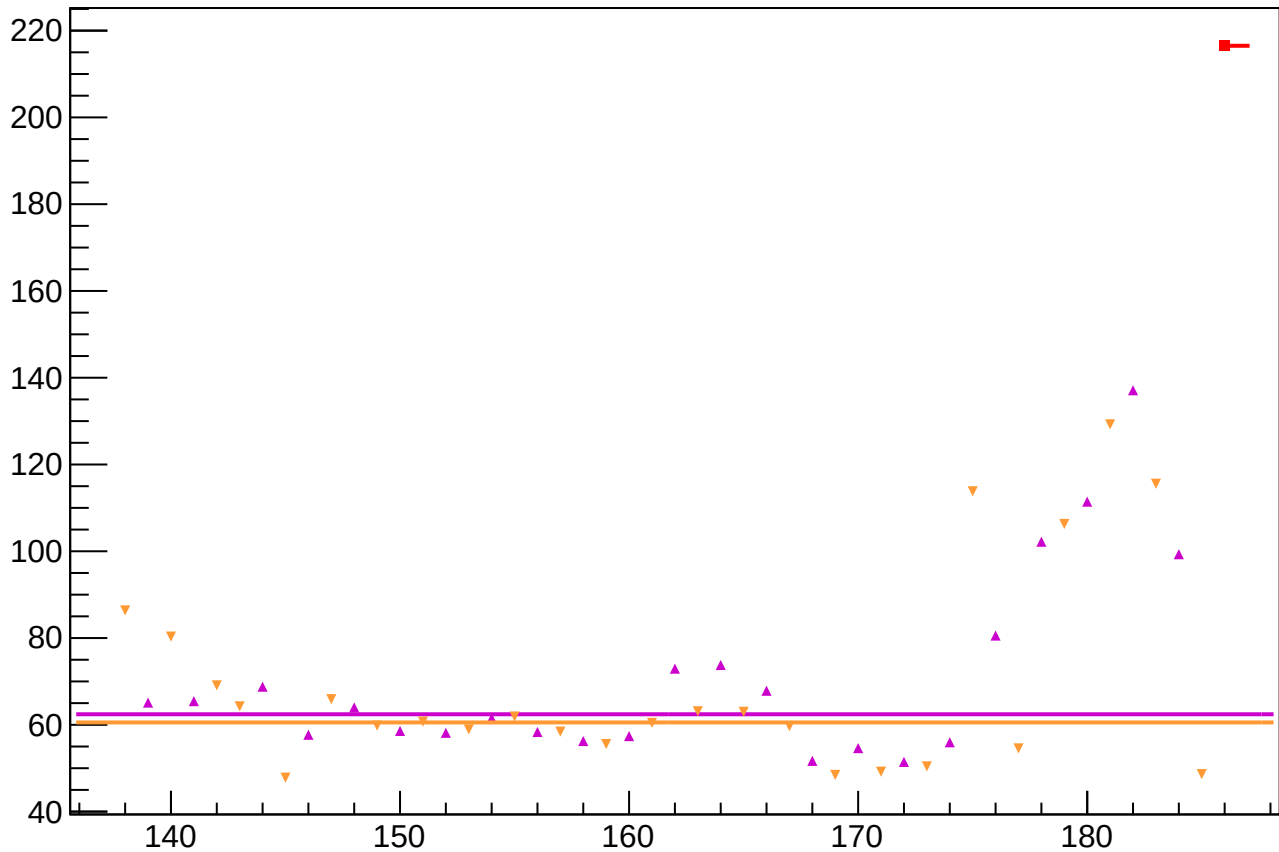
Left In: 28.435 $\pm$ 15.494 χ^2 /NDF:26.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.459 $\pm$ 10.697 χ^2 /NDF: 52.6/48

- sign 28.558 $\pm$ 15.479 χ^2 /NDF: 26.3/23

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 60.551+/-0.010 χ^2/NDF : 1951663.1/24

Right Out: 216.507+/-0.255 χ^2/NDF : 0.0/0

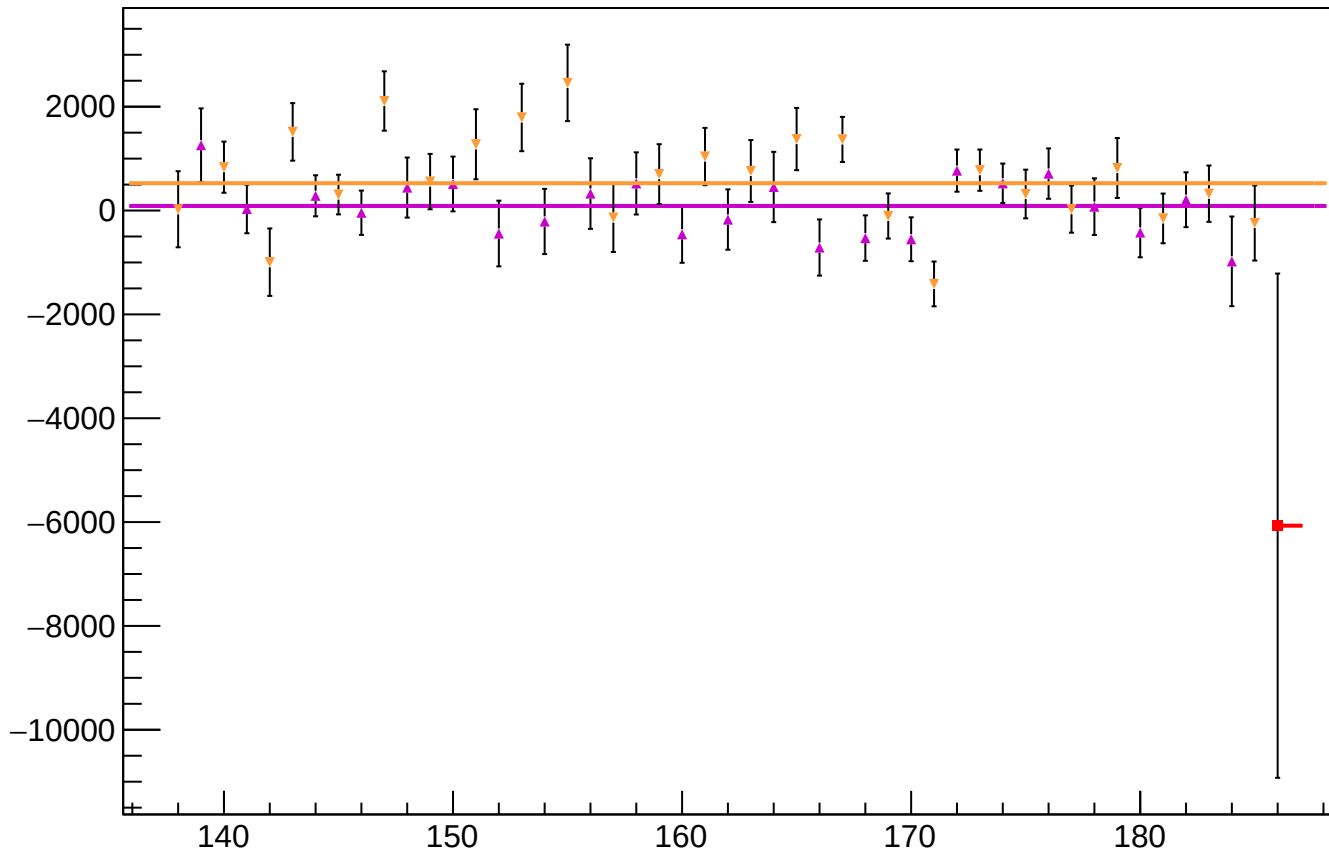
Left In: 62.435+/-0.011 χ^2/NDF : 1445748.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.586+/-0.008 χ^2/NDF : 3782843.0/48

- sign 62.719+/-0.011 χ^2/NDF : 1810682.0/23

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 526.705+/-105.414 χ^2/NDF : 65.0/24

Right Out: -6069.458+/-4855.529 χ^2/NDF : 0.0/0

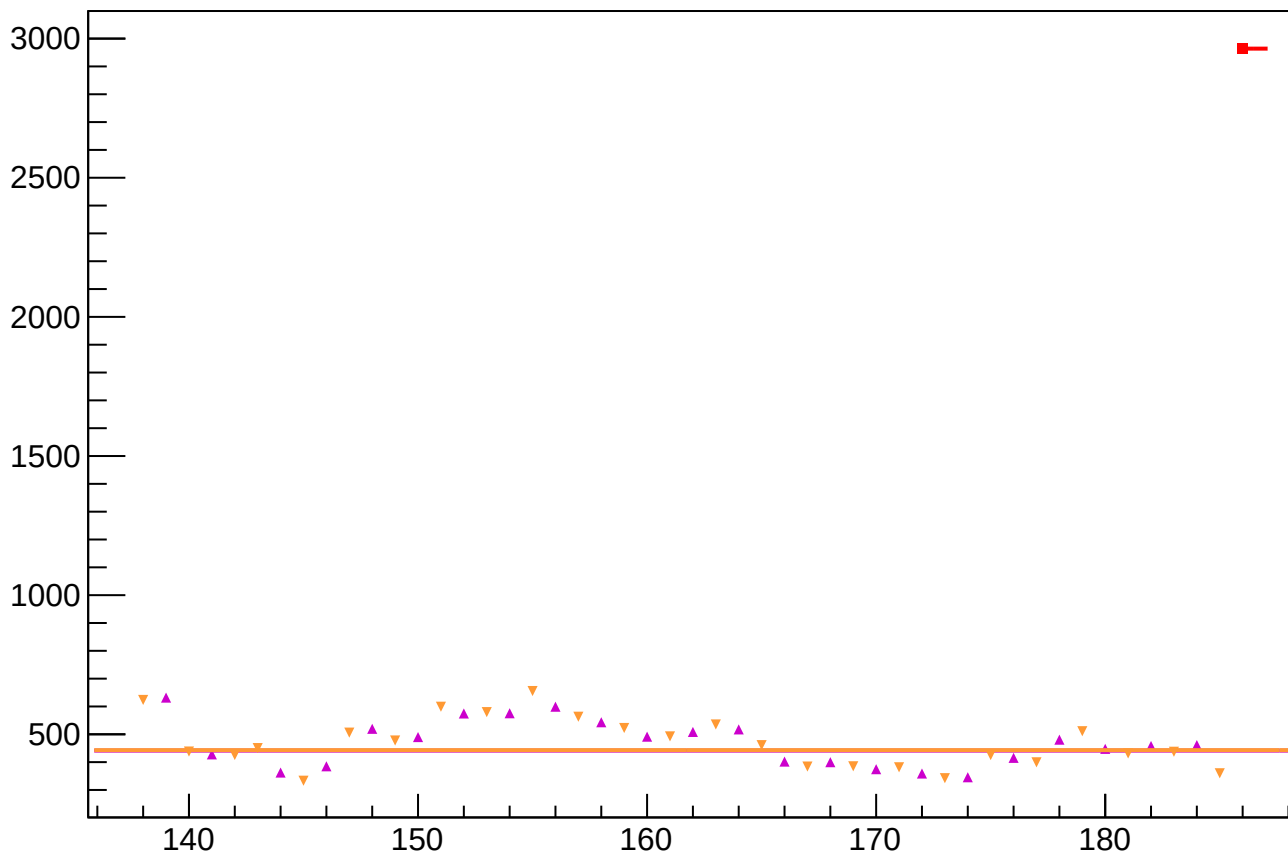
Left In: 87.989+/-106.843 χ^2/NDF : 22.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 308.776+/-75.030 χ^2/NDF : 97.4/48

- sign 85.009+/-106.817 χ^2/NDF : 23.7/23

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 443.031+/-0.075 χ^2/NDF :1171662.6/24

Right Out: 2963.972+/-3.433 χ^2/NDF : 0.0/0

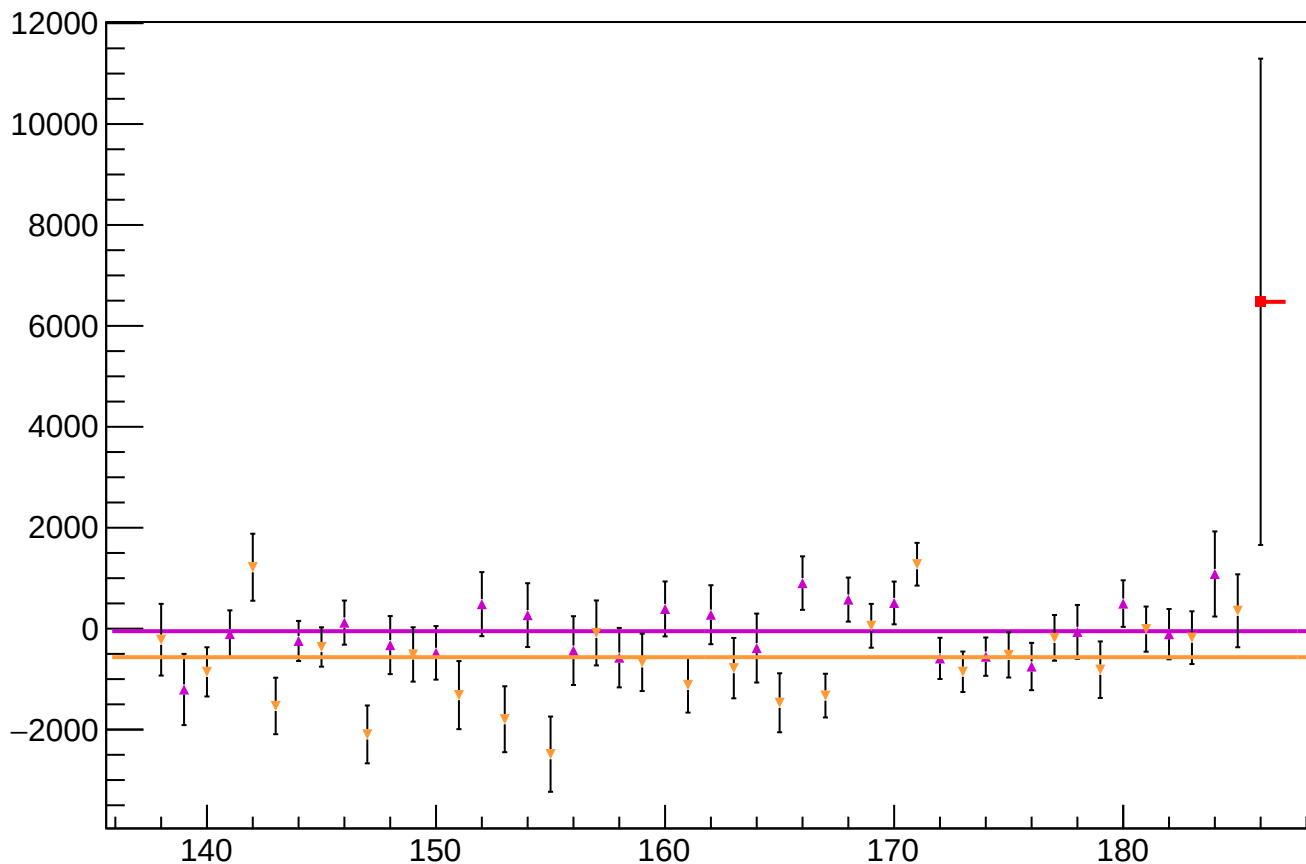
Left In: 441.359+/-0.076 χ^2/NDF :1035839.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.809+/-0.053 χ^2/NDF : 2747090.2/48

- sign 442.580+/-0.076 χ^2/NDF : 1575409.5/23

asym_sam_15_48_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -565.545 $\pm$ 104.460 χ^2 /NDF:62.9/24

Right Out: 6476.893 $\pm$ 4818.554 χ^2 /NDF: 0.0/0

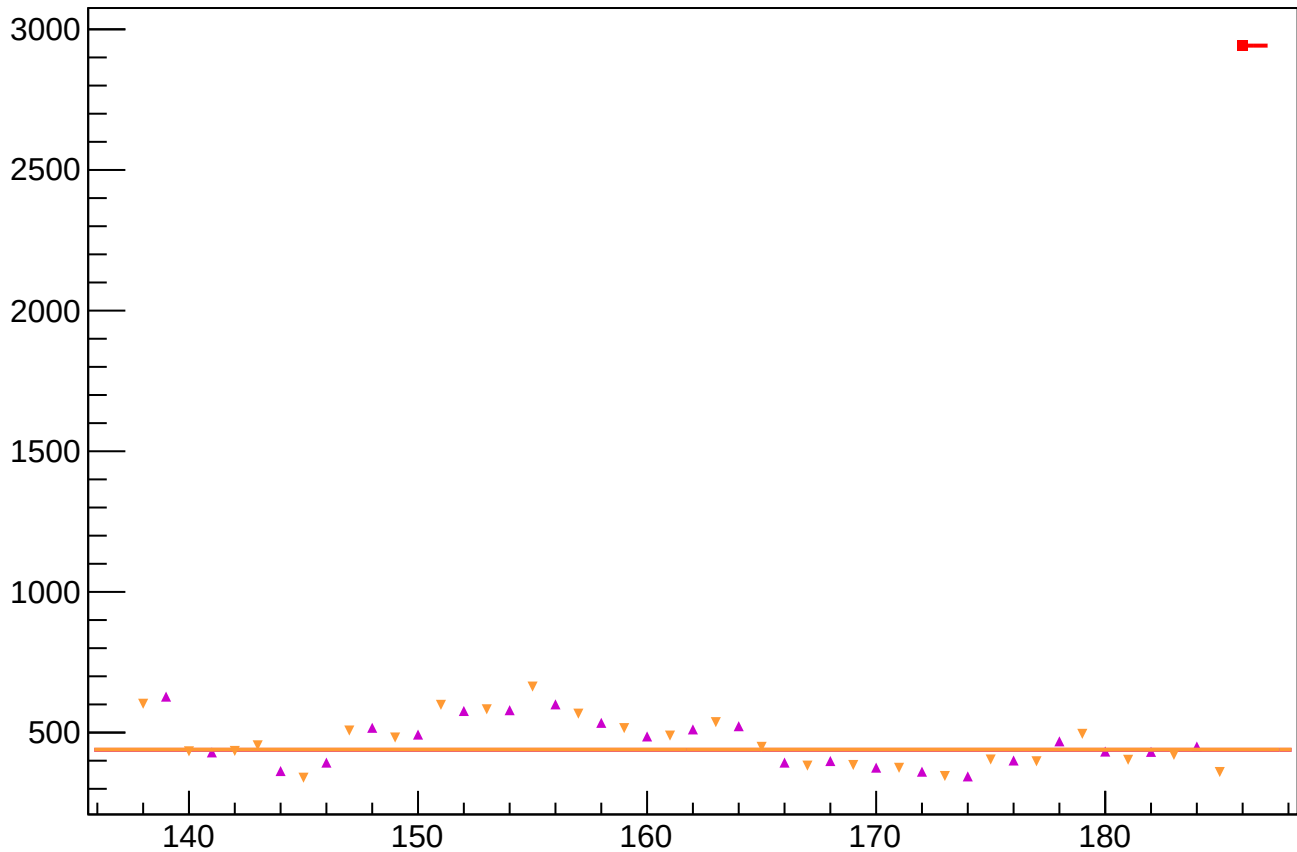
Left In: -50.387 $\pm$ 106.218 χ^2 /NDF:23.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -310.642 $\pm$ 74.469 χ^2 /NDF: 100.1/48

- sign -47.217 $\pm$ 106.192 χ^2 /NDF: 25.1/23

asym_sam_15_48_dd_rms vs Slug



Right In: 0.000+/-0.000 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

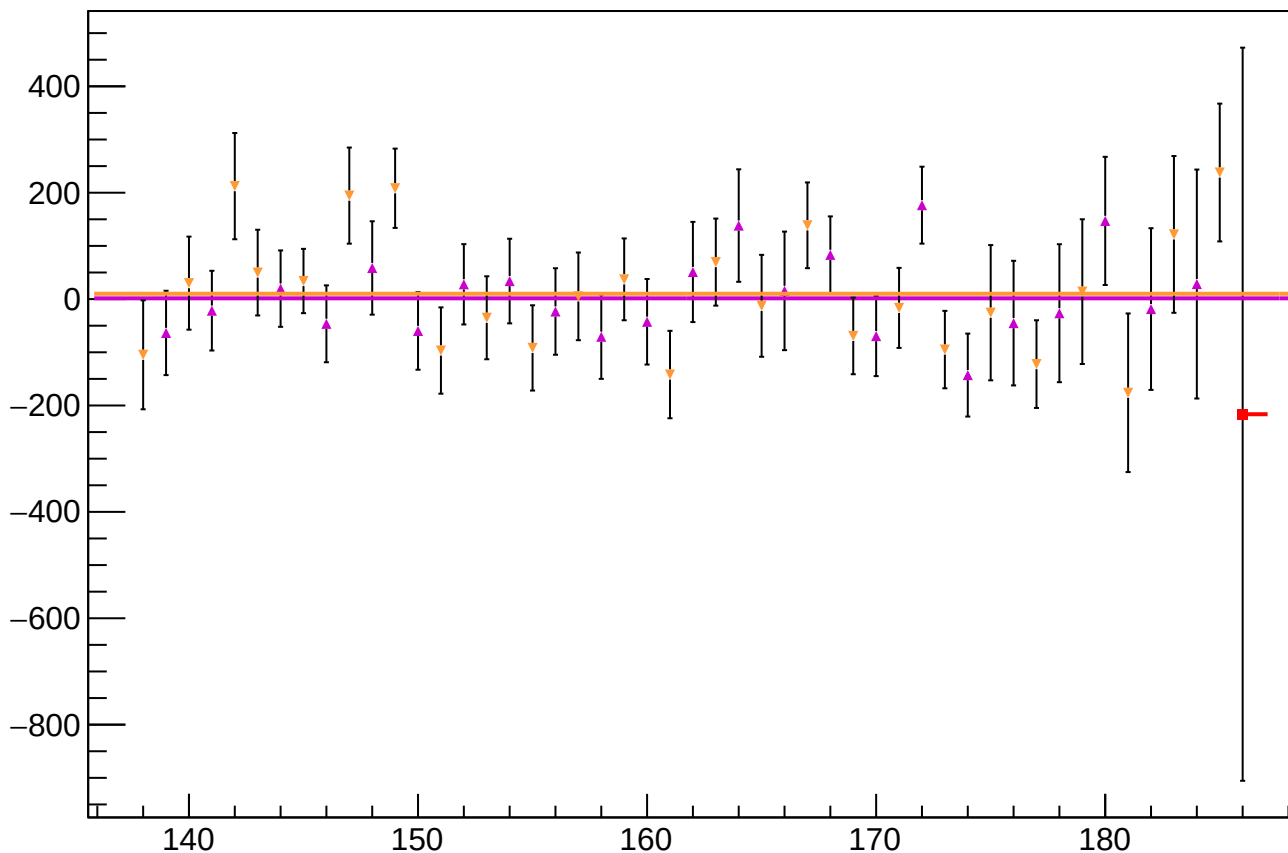
Left In: 438.365+/-0.075 χ^2/NDF :1024661.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.445+/-0.053 χ^2/NDF : 2728372.2/48

- sign 439.581+/-0.075 χ^2/NDF : 1564334.5/23

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 0.000 ± 0.000 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

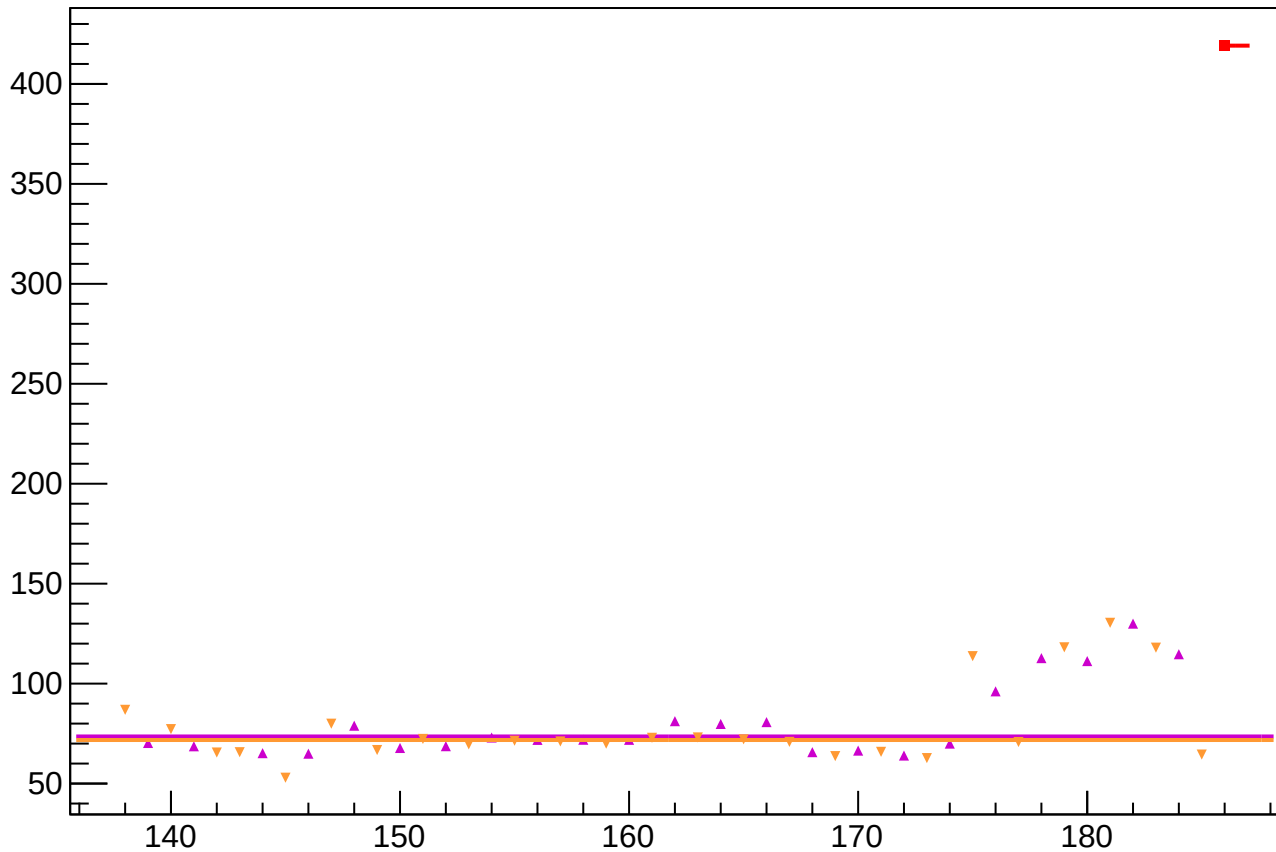
Left In: 1.434 ± 17.926 χ^2/NDF : 19.0/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5.861 ± 12.412 χ^2/NDF : 58.0/48

- sign 1.287 ± 17.926 χ^2/NDF : 19.1/23

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 71.785 $\pm$ 0.012 χ^2/NDF :1325726.8/24

Right Out: 419.161 $\pm$ 0.487 χ^2/NDF : 0.0/0

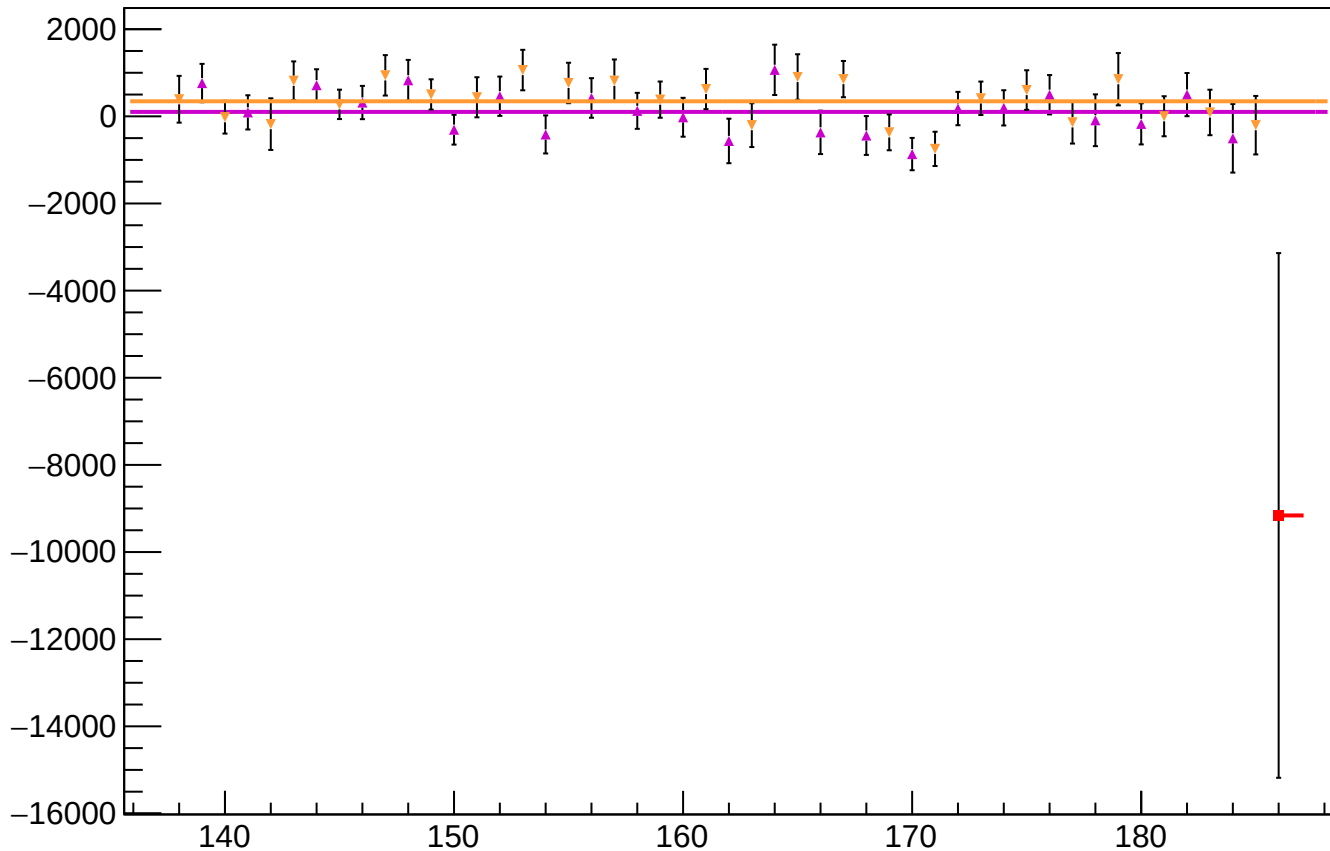
Left In: 73.558 $\pm$ 0.013 χ^2/NDF :1009353.9/22

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 72.748 $\pm$ 0.009 χ^2/NDF : 2850863.2/48

- sign 73.792 $\pm$ 0.013 χ^2/NDF : 1512081.4/23

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 345.360 ± 89.857 χ^2/NDF : 27.4/24

Right Out: -9160.011 ± 6021.284 χ^2/NDF : 0.0/0

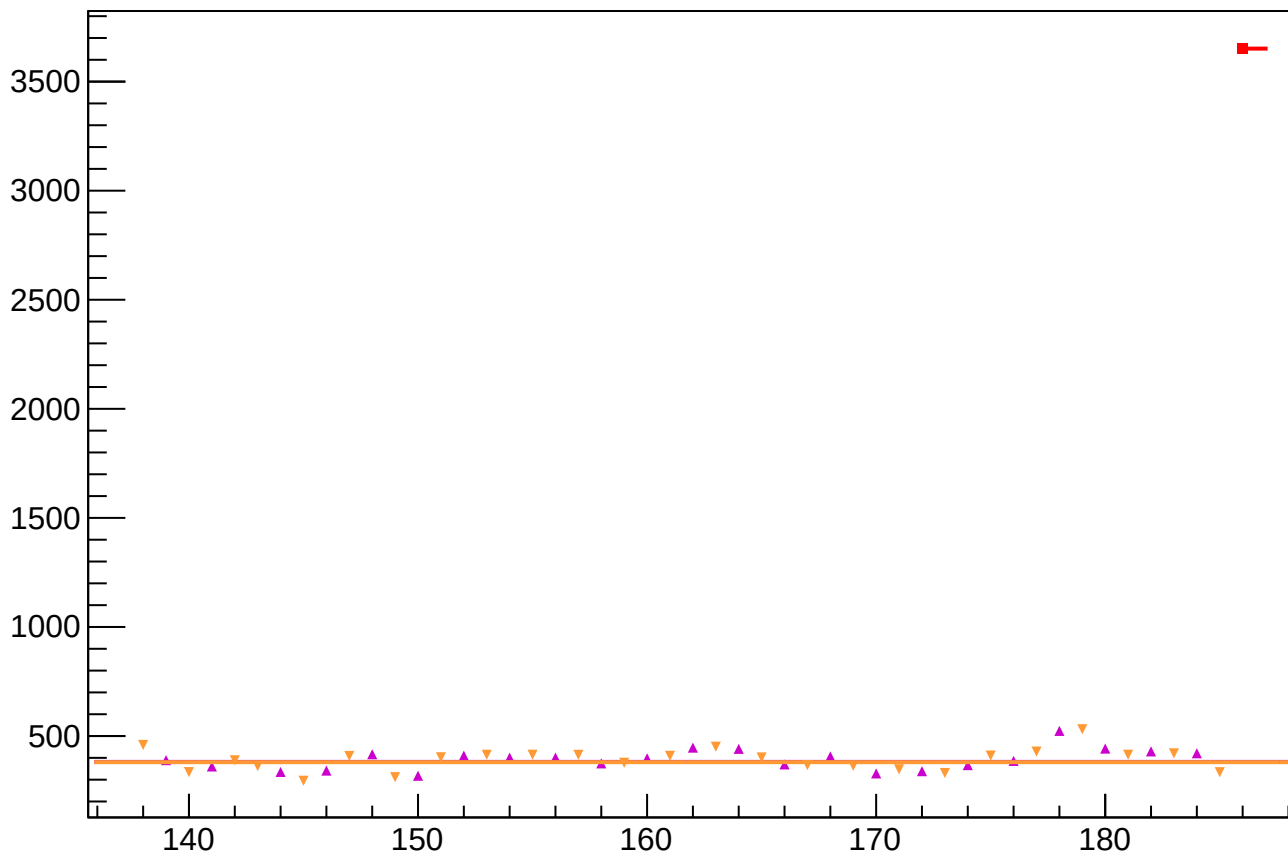
Left In: 101.648 ± 91.670 χ^2/NDF : 28.1/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 224.872 ± 64.166 χ^2/NDF : 61.4/48

- sign 99.502 ± 91.659 χ^2/NDF : 30.4/23

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 380.206+/-0.064 χ^2/NDF : 616620.6/24

Right Out: 3651.331+/-4.258 χ^2/NDF : 0.0/0

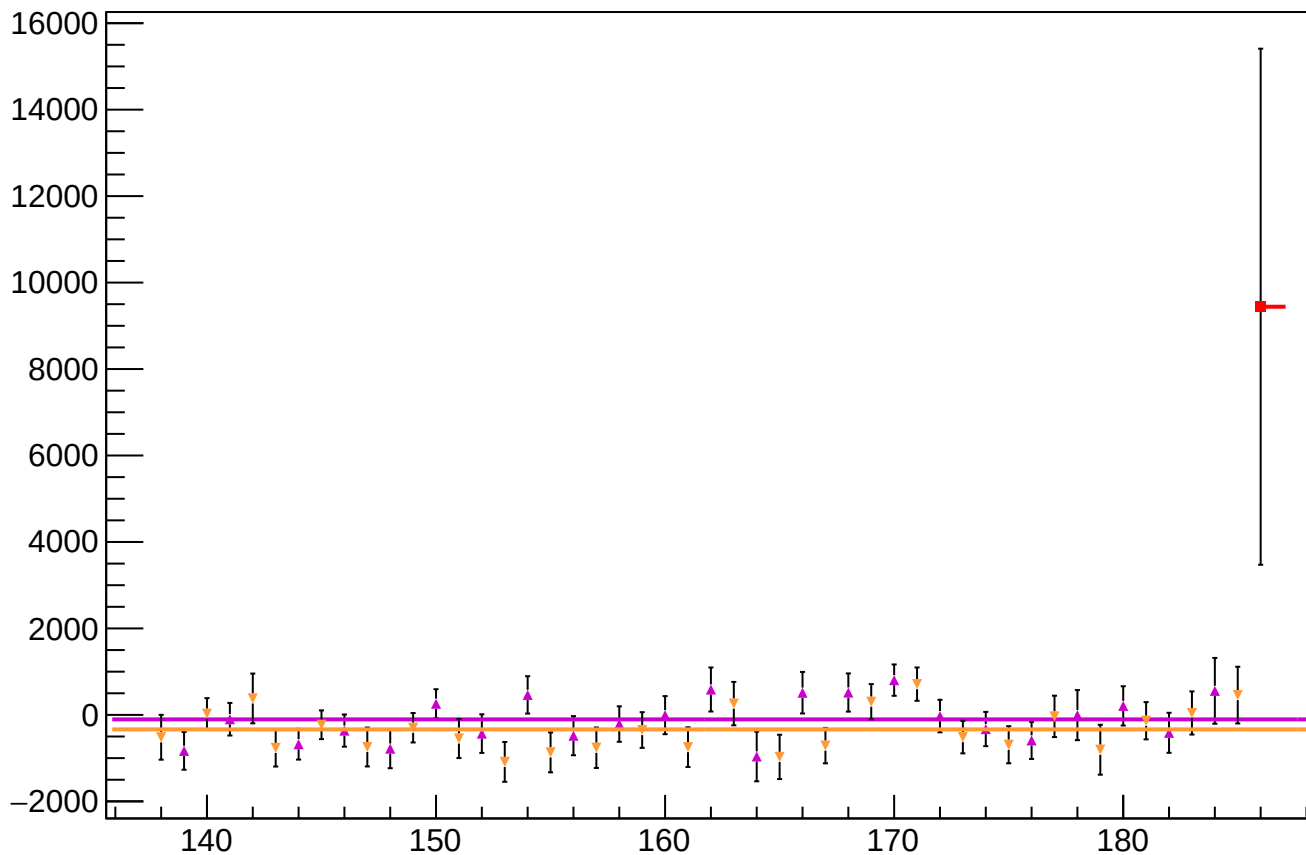
Left In: 381.474+/-0.065 χ^2/NDF : 461021.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.199+/-0.045 χ^2/NDF : 1667809.8/48

- sign 382.232+/-0.065 χ^2/NDF : 1050691.1/23

asym_sam_37_48_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

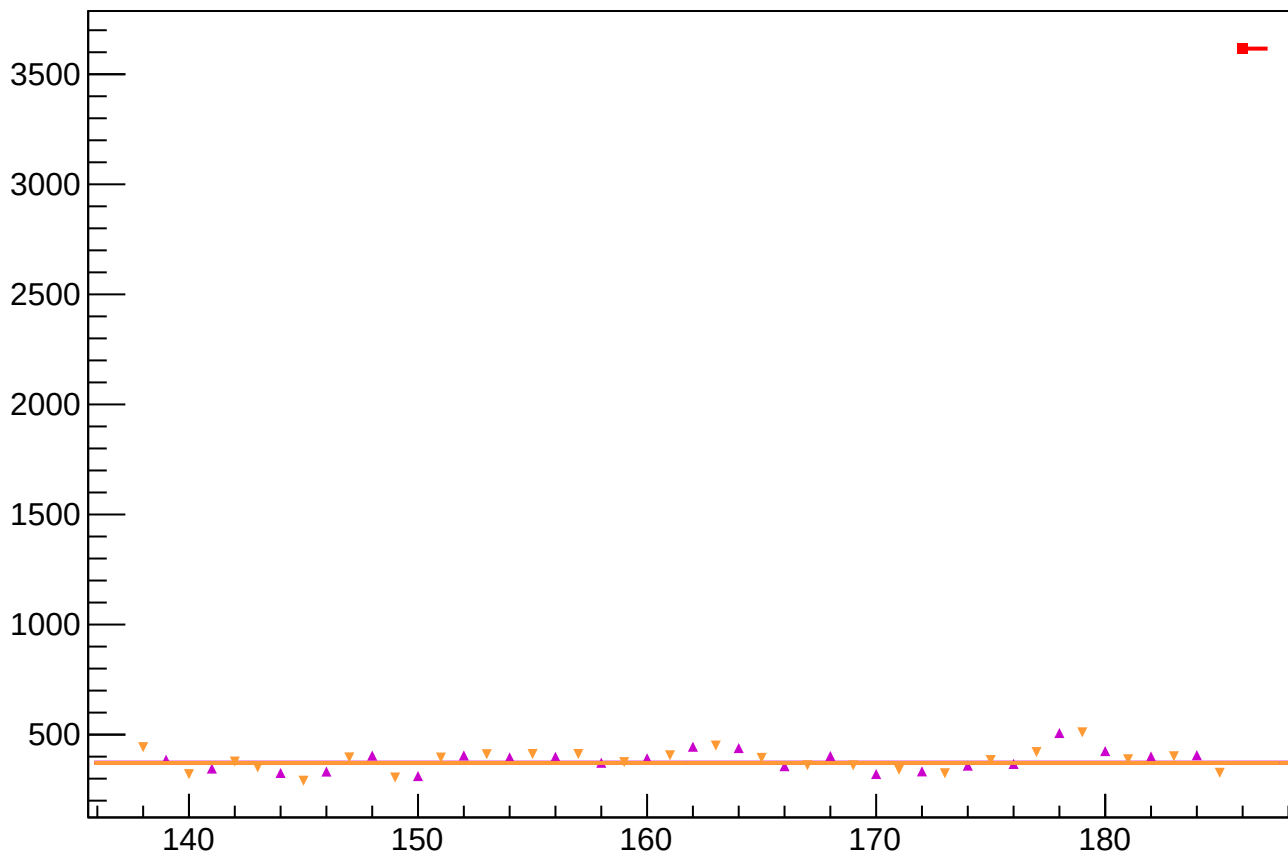
Left In: -104.117 $\pm$ 89.613 χ^2 /NDF:29.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -221.099 $\pm$ 62.678 χ^2 /NDF: 64.0/48

- sign -101.966 $\pm$ 89.603 χ^2 /NDF: 32.2/23

asym_sam_37_48_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.375+/-0.062 χ^2/NDF : 604123.3/24

Right Out: 3616.538+/-4.221 χ^2/NDF : 0.0/0

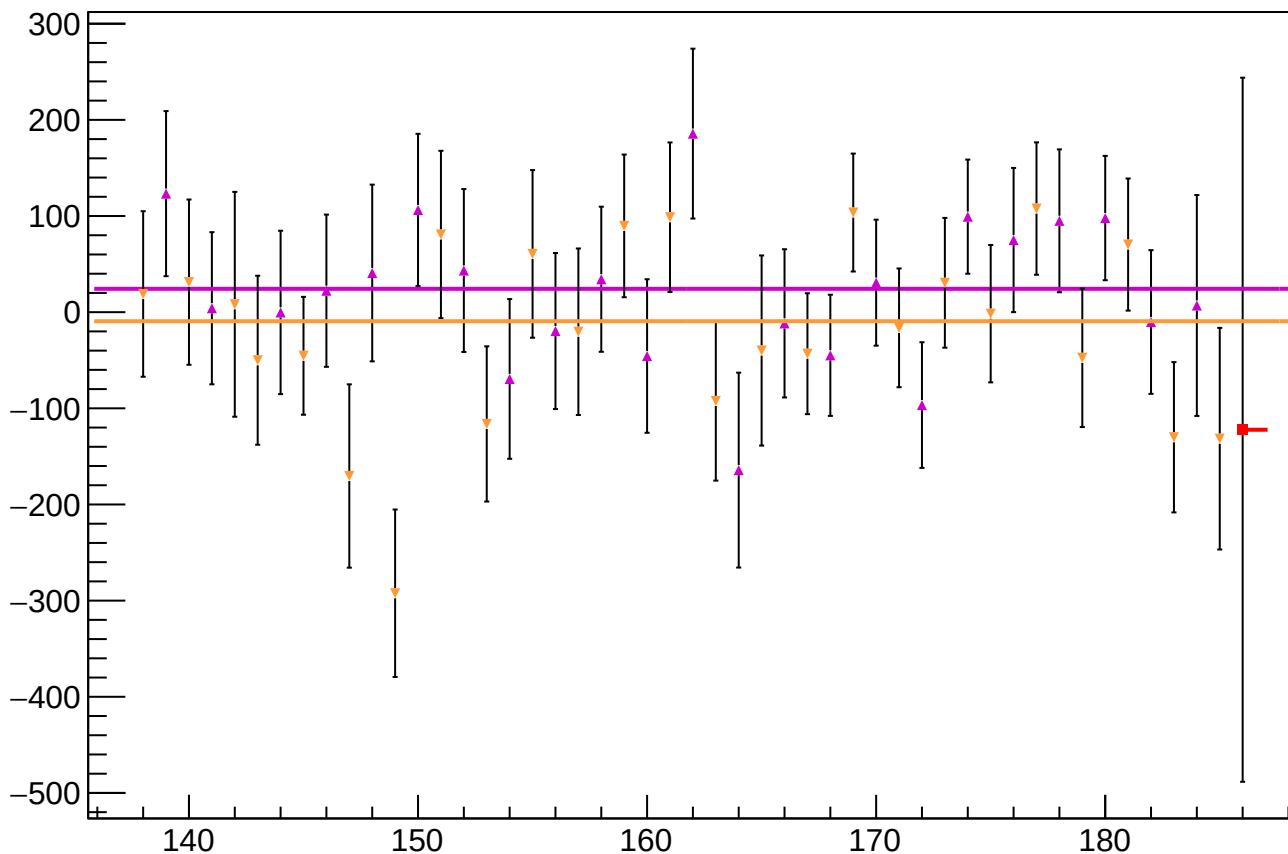
Left In: 372.574+/-0.063 χ^2/NDF : 464397.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.320+/-0.044 χ^2/NDF : 1659557.5/48

- sign 373.305+/-0.063 χ^2/NDF : 1054960.4/23

dit_asym_sam_15_26_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

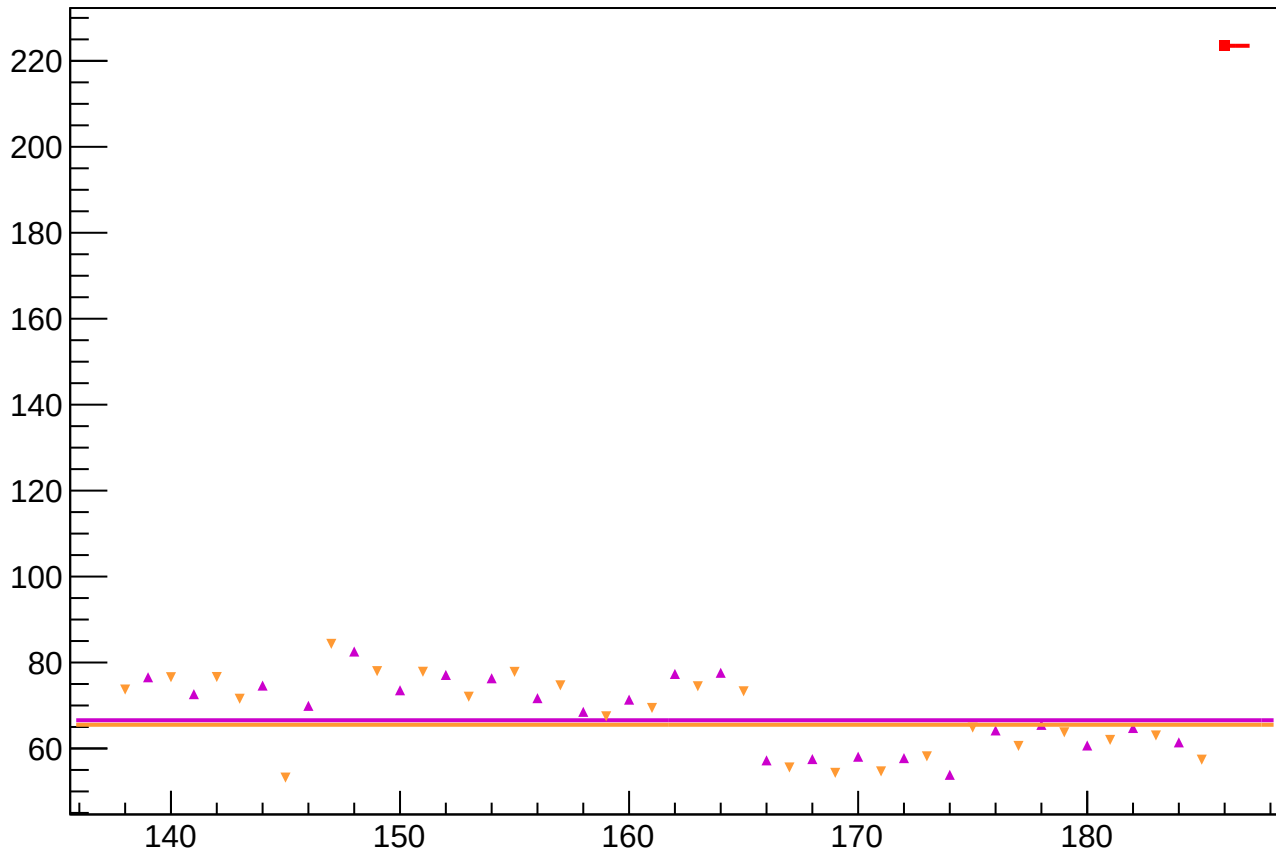
Left In: 24.293 $\pm$ 16.034 χ^2 /NDF:21.1/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.727 $\pm$ 11.128 χ^2 /NDF: 58.3/48

- sign 24.013 $\pm$ 16.018 χ^2 /NDF: 21.3/23

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 65.512+/-0.011 χ^2/NDF : 666993.4/24

Right Out: 223.511+/-0.259 χ^2/NDF : 0.0/0

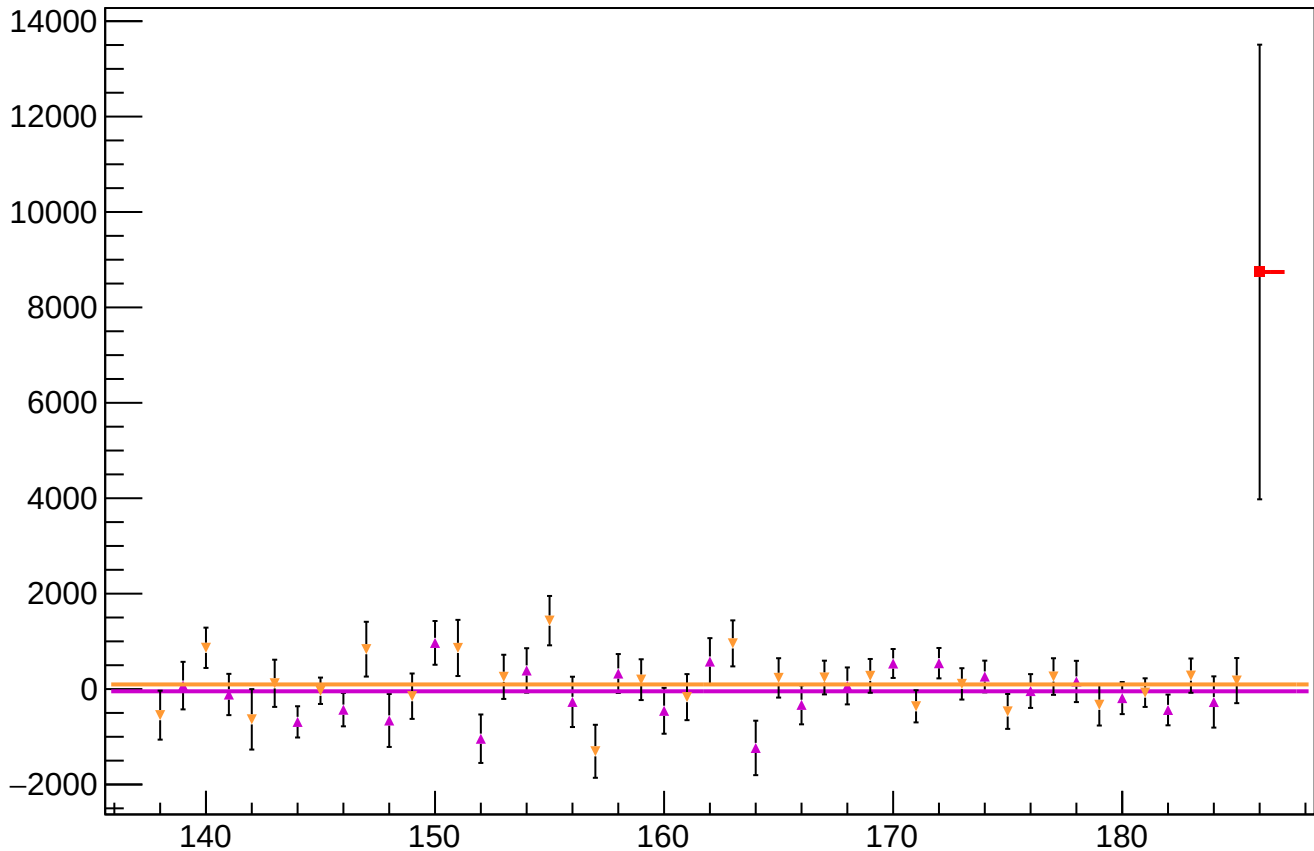
Left In: 66.564+/-0.011 χ^2/NDF : 521302.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.164+/-0.008 χ^2/NDF : 1562459.6/48

- sign 66.864+/-0.011 χ^2/NDF : 888093.1/23

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 97.420 $\pm$ 82.238 χ^2 /NDF:33.3/24

Right Out: 8742.441 $\pm$ 4764.895 χ^2 /NDF: 0.0/0

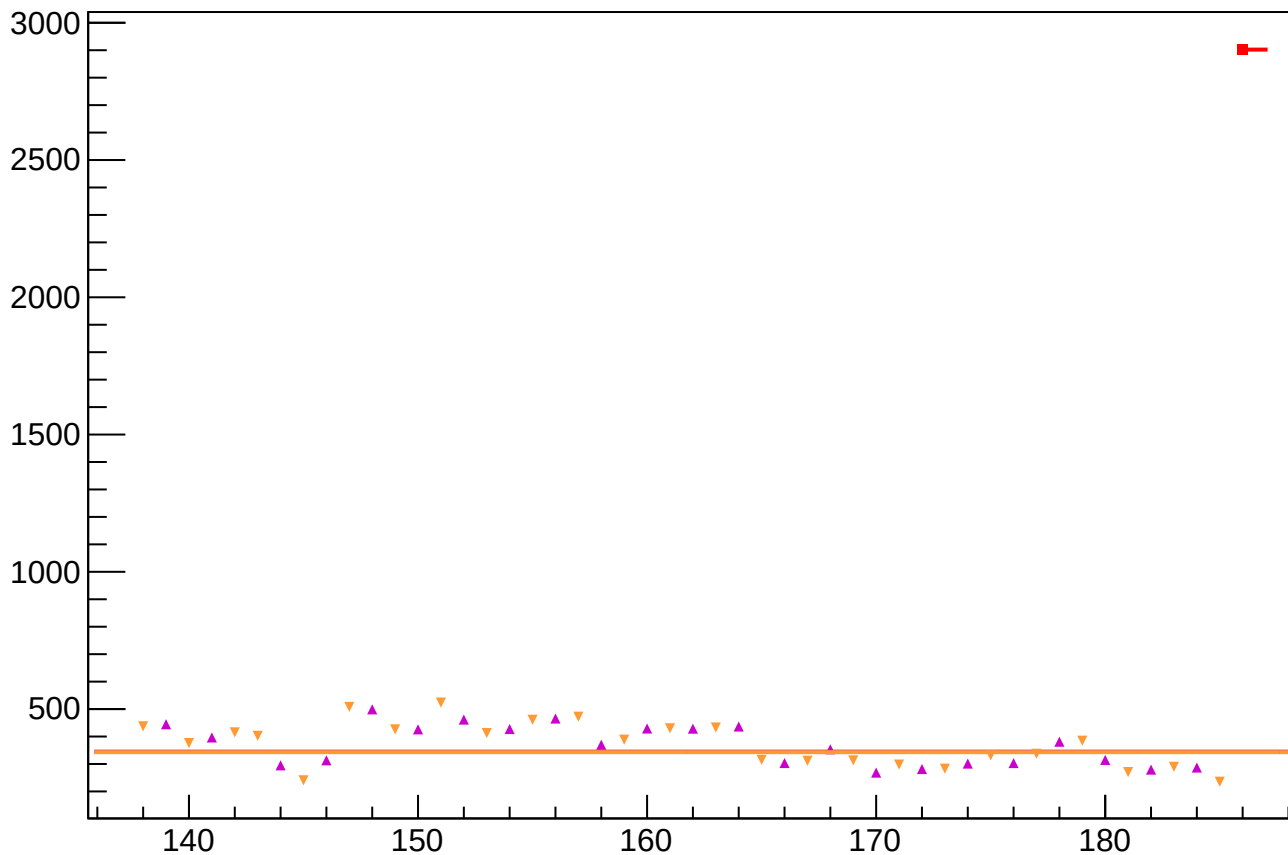
Left In: -46.660 $\pm$ 83.857 χ^2 /NDF:34.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.108 $\pm$ 58.711 χ^2 /NDF: 72.4/48

- sign -43.938 $\pm$ 83.844 χ^2 /NDF: 37.6/23

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 342.995+/-0.058 χ^2/NDF : 1665121.0/24

Right Out: 2902.273+/-3.369 χ^2/NDF : 0.0/0

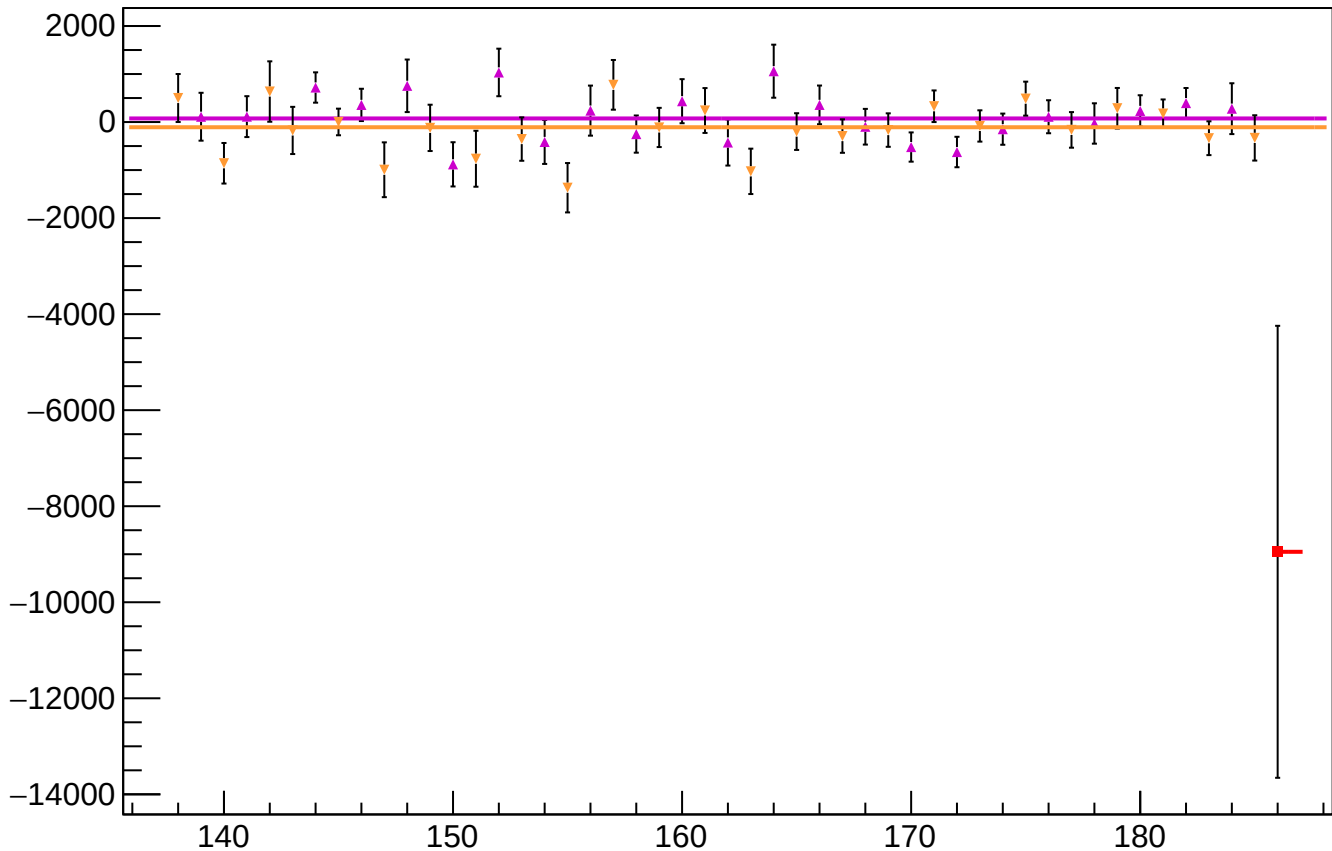
Left In: 344.818+/-0.059 χ^2/NDF : 1264545.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.277+/-0.042 χ^2/NDF : 3506633.7/48

- sign 345.610+/-0.059 χ^2/NDF : 1840521.5/23

asym_sam_15_26_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -108.037 $\pm$ 80.579 χ^2 /NDF:30.9/24

Right Out: -8949.643 $\pm$ 4706.210 χ^2 /NDF: 0.0/0

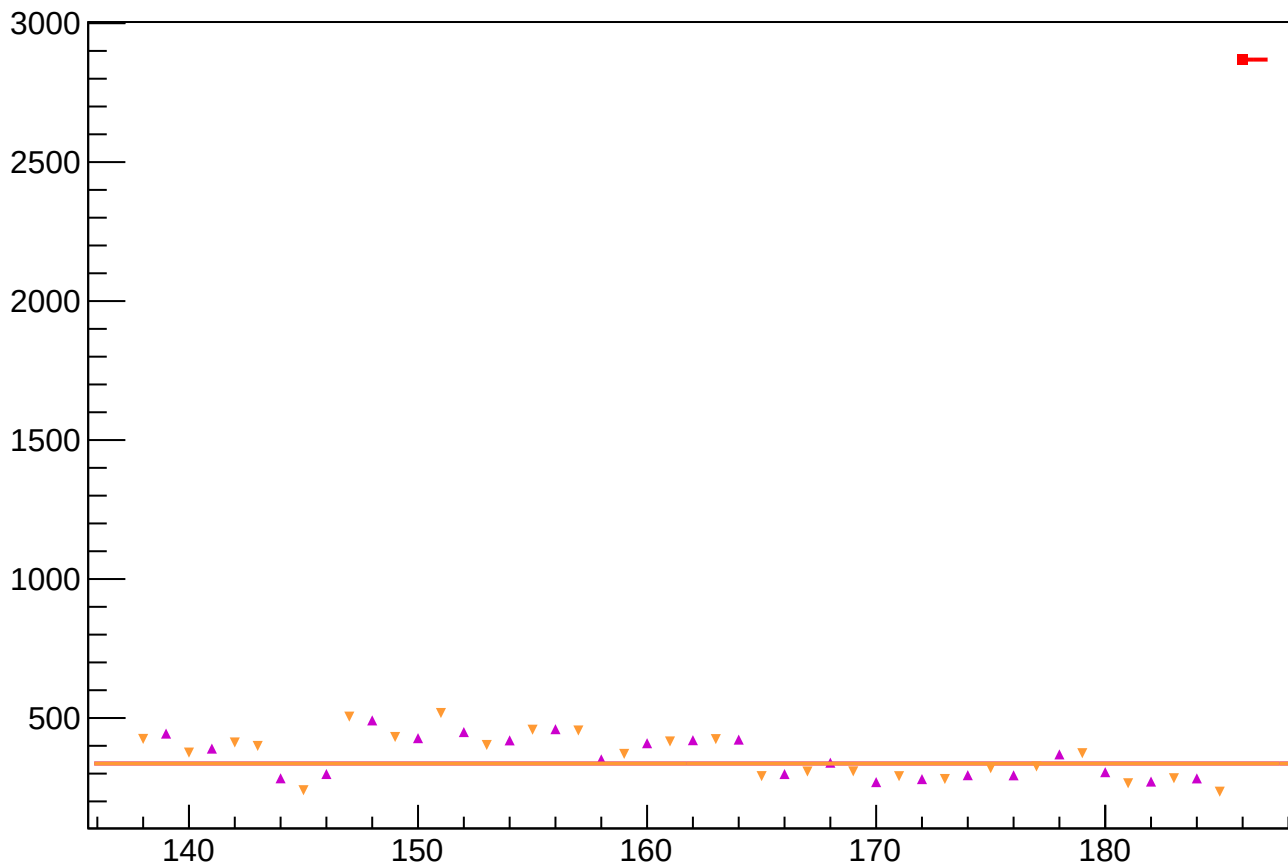
Left In: 74.986 $\pm$ 81.949 χ^2 /NDF:32.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.399 $\pm$ 57.452 χ^2 /NDF: 69.7/48

- sign 72.250 $\pm$ 81.937 χ^2 /NDF: 36.3/23

asym_sam_15_26_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 336.231+/-0.057 χ^2/NDF : 1659693.0/24

Right Out: 2868.780+/-3.328 χ^2/NDF : 0.0/0

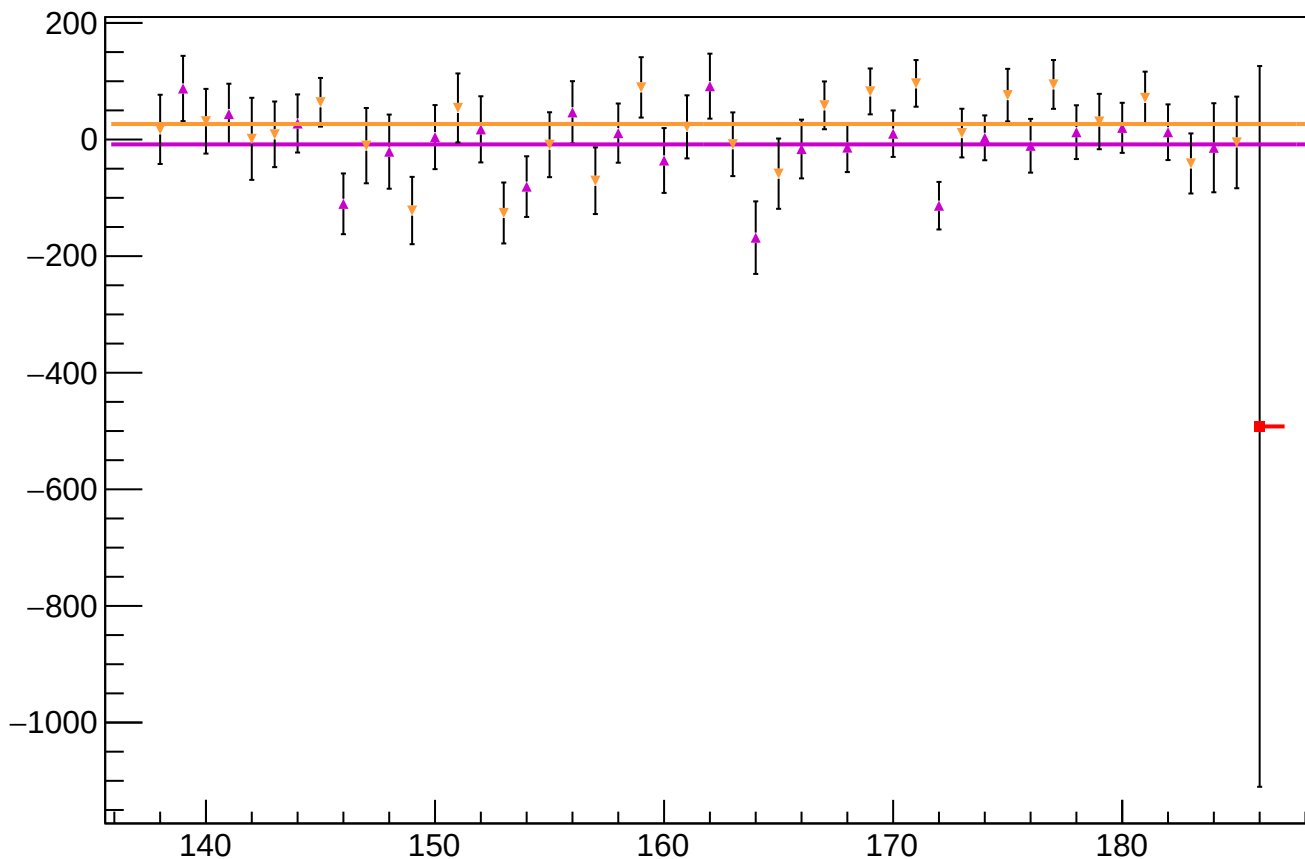
Left In: 336.396+/-0.058 χ^2/NDF : 1269587.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.689+/-0.041 χ^2/NDF : 3508327.4/48

- sign 337.163+/-0.058 χ^2/NDF : 1848502.7/23

dit_asym_sam_37_26_dd_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 26.633 ± 10.090 χ^2/NDF : 36.5/24

Right Out: -492.096 ± 618.146 χ^2/NDF : 0.0/0

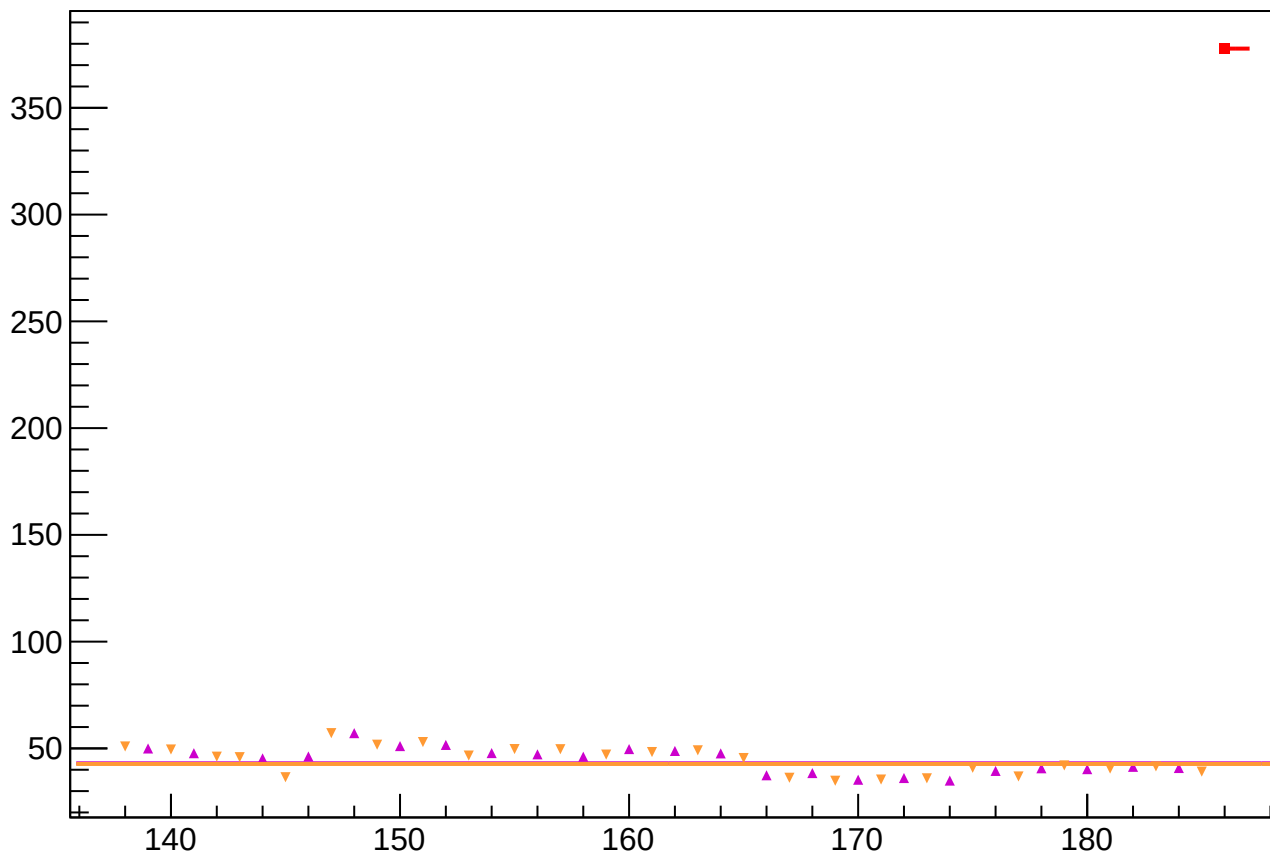
Left In: -8.325 ± 10.361 χ^2/NDF : 29.6/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 9.547 ± 7.228 χ^2/NDF : 72.6/48

- sign -8.461 ± 10.359 χ^2/NDF : 30.2/23

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

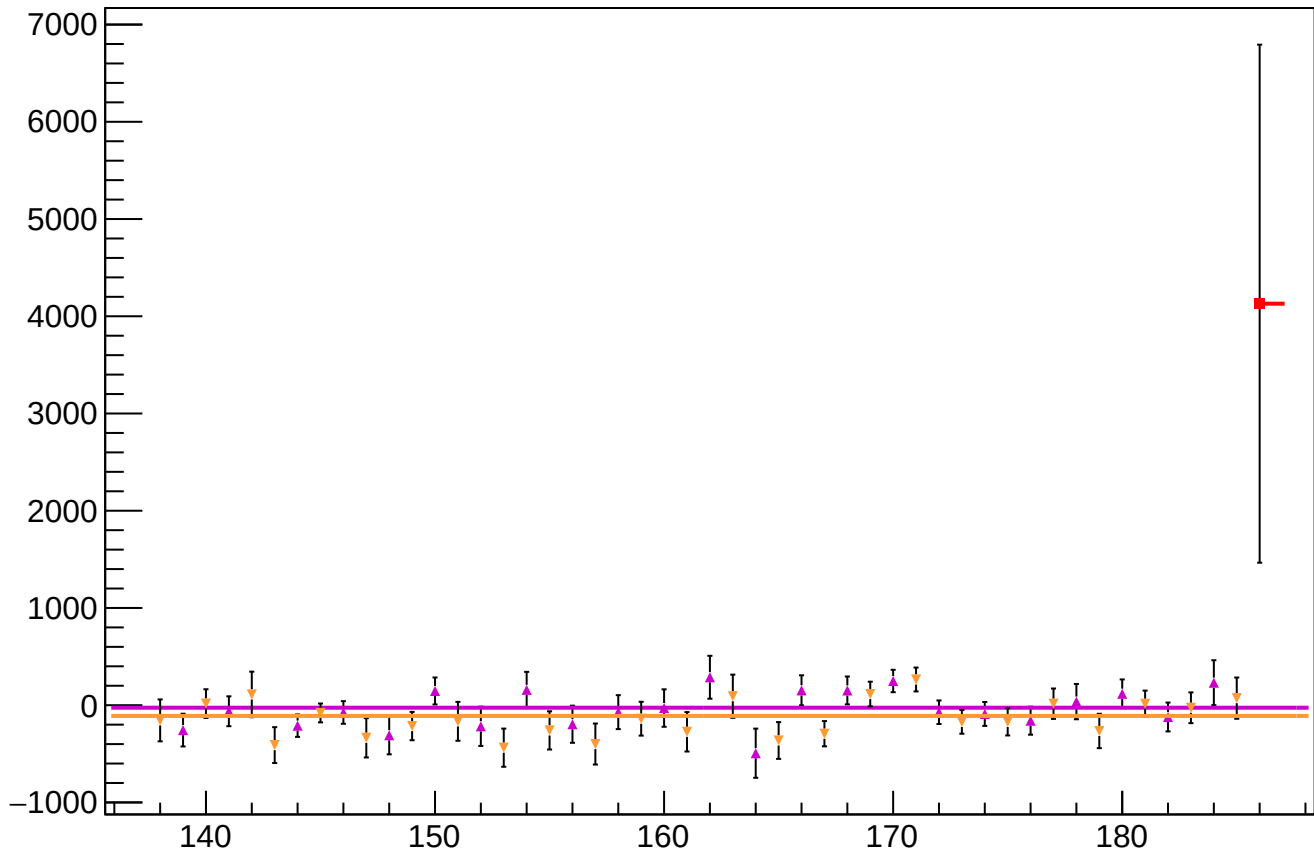
Left In: 43.021 $\pm$ 0.007 χ^2 /NDF:642598.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.910 $\pm$ 0.005 χ^2 /NDF: 2001945.8/48

- sign 43.115 $\pm$ 0.007 χ^2 /NDF: 1228860.6/23

asym_sam_37_26_dd_correction_mean vs Slug



Right In: 0.000 ± 0.000 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

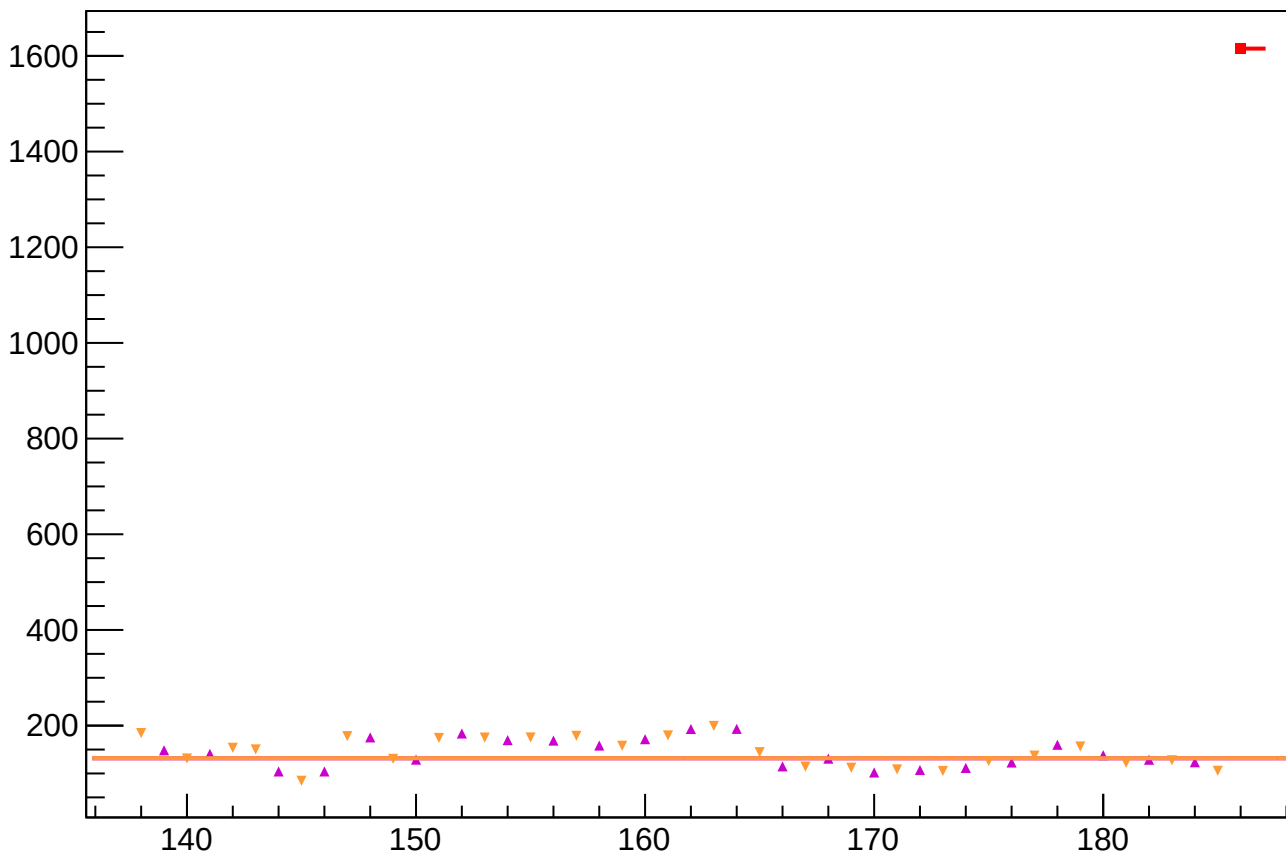
Left In: -25.828 ± 32.100 χ^2/NDF : 29.0/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.290 ± 22.561 χ^2/NDF : 68.0/48

- sign -25.224 ± 32.097 χ^2/NDF : 31.4/23

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 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

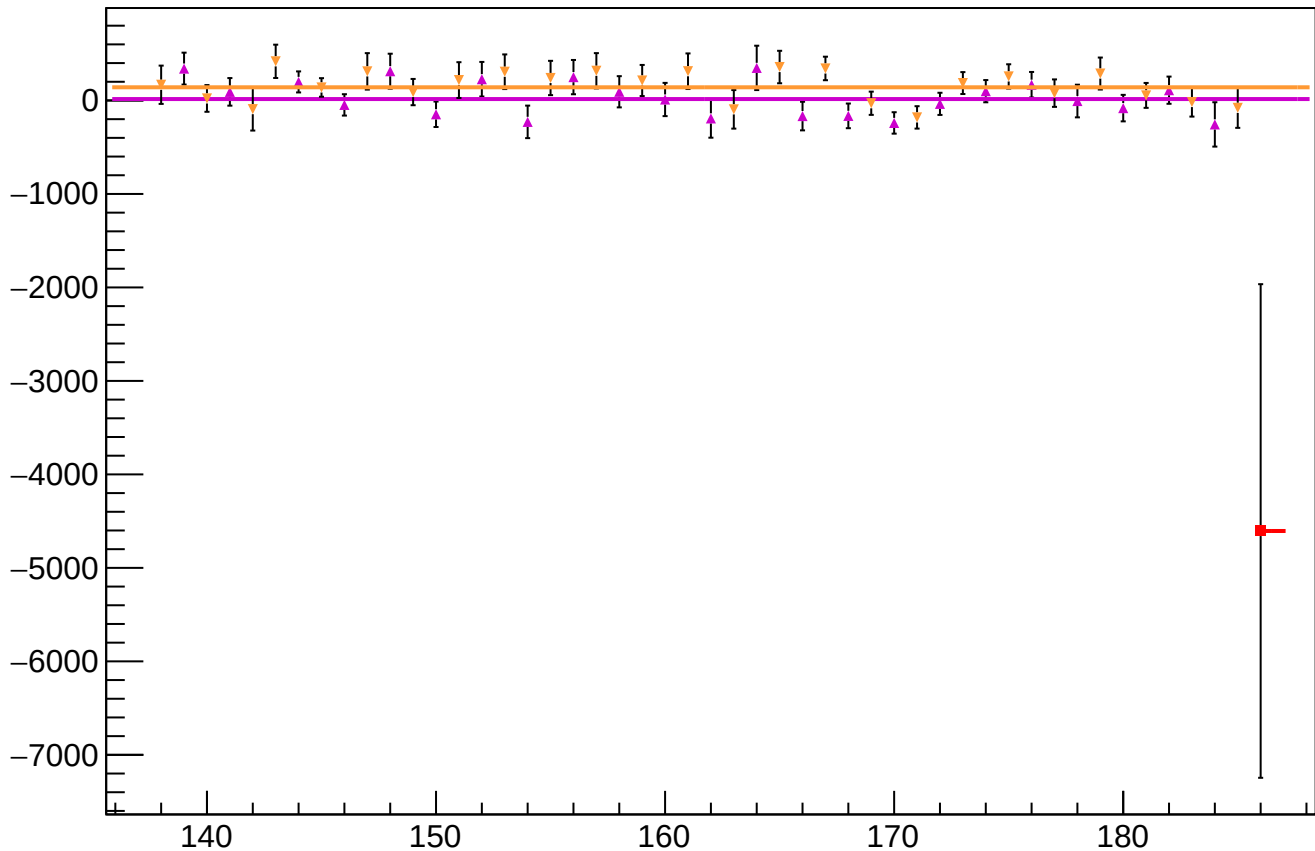
Left In: 131.630+/-0.023 χ^2/NDF : 1403692.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.860+/-0.016 χ^2/NDF : 3830442.5/48

- sign 131.845+/-0.023 χ^2/NDF : 2024062.5/23

asym_sam_37_26_dd_mean vs Slug



Right In: 0.000 ± 0.000 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

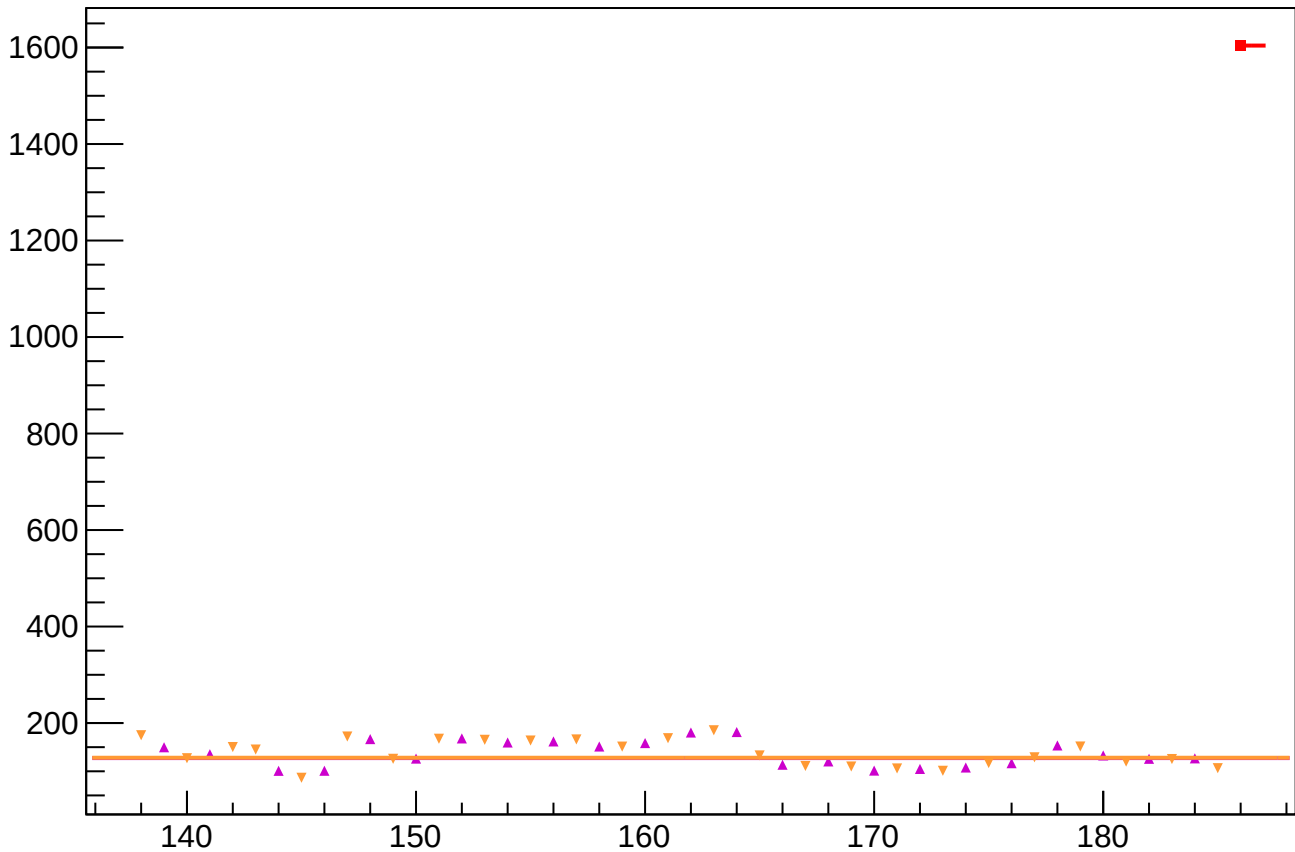
Left In: 15.199 ± 31.033 χ^2/NDF : 31.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 78.595 ± 21.801 χ^2/NDF : 70.0/48

- sign 14.561 ± 31.031 χ^2/NDF : 34.4/23

asym_sam_37_26_dd_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

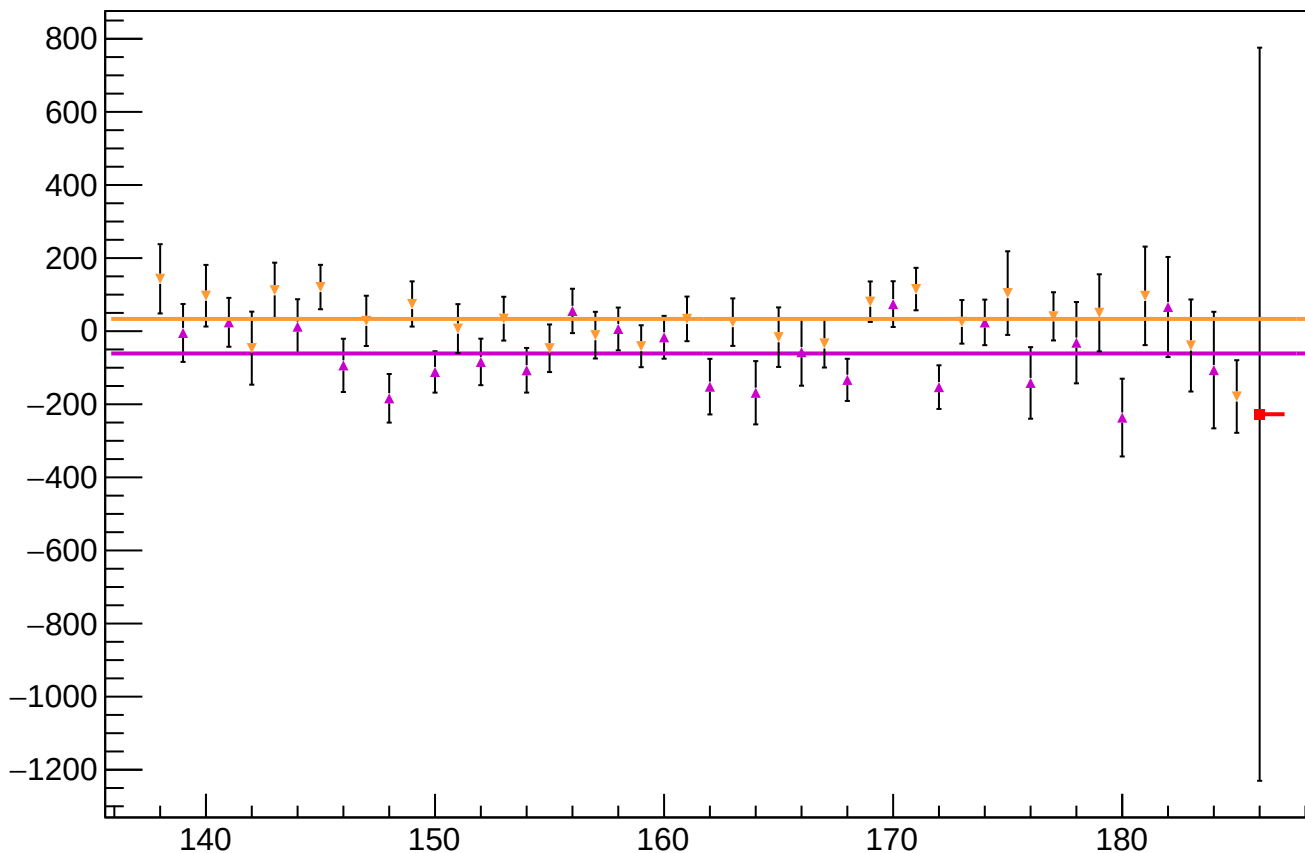
Left In: 127.380 $\pm$ 0.022 χ^2 /NDF:1229899.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.825 $\pm$ 0.015 χ^2 /NDF: 3385961.5/48

- sign 127.584 $\pm$ 0.022 χ^2 /NDF: 1855439.4/23

dit_asym_sam_1357_avg_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 33.535 $\pm$ 14.197 χ^2 /NDF:19.7/24

Right Out: -227.258 $\pm$ 1002.995 χ^2 /NDF: 0.0/0

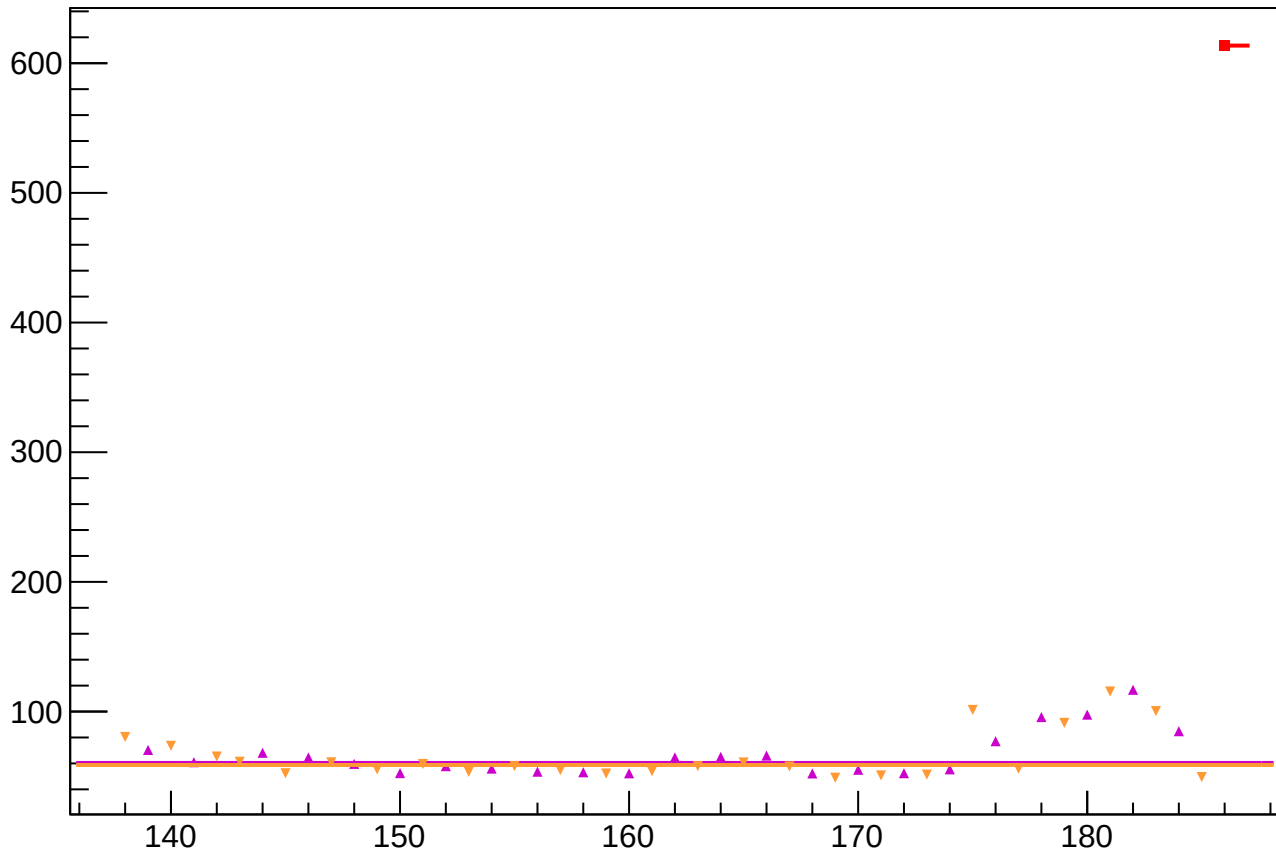
Left In: -60.992 $\pm$ 14.839 χ^2 /NDF:31.6/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.661 $\pm$ 10.258 χ^2 /NDF: 72.5/48

- sign -61.028 $\pm$ 14.837 χ^2 /NDF: 31.6/23

dit_asym_sam_1357_avg_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 58.793 $\pm$ 0.010 χ^2 /NDF: 1460561.7/24

Right Out: 613.598 $\pm$ 0.709 χ^2 /NDF: 0.0/0

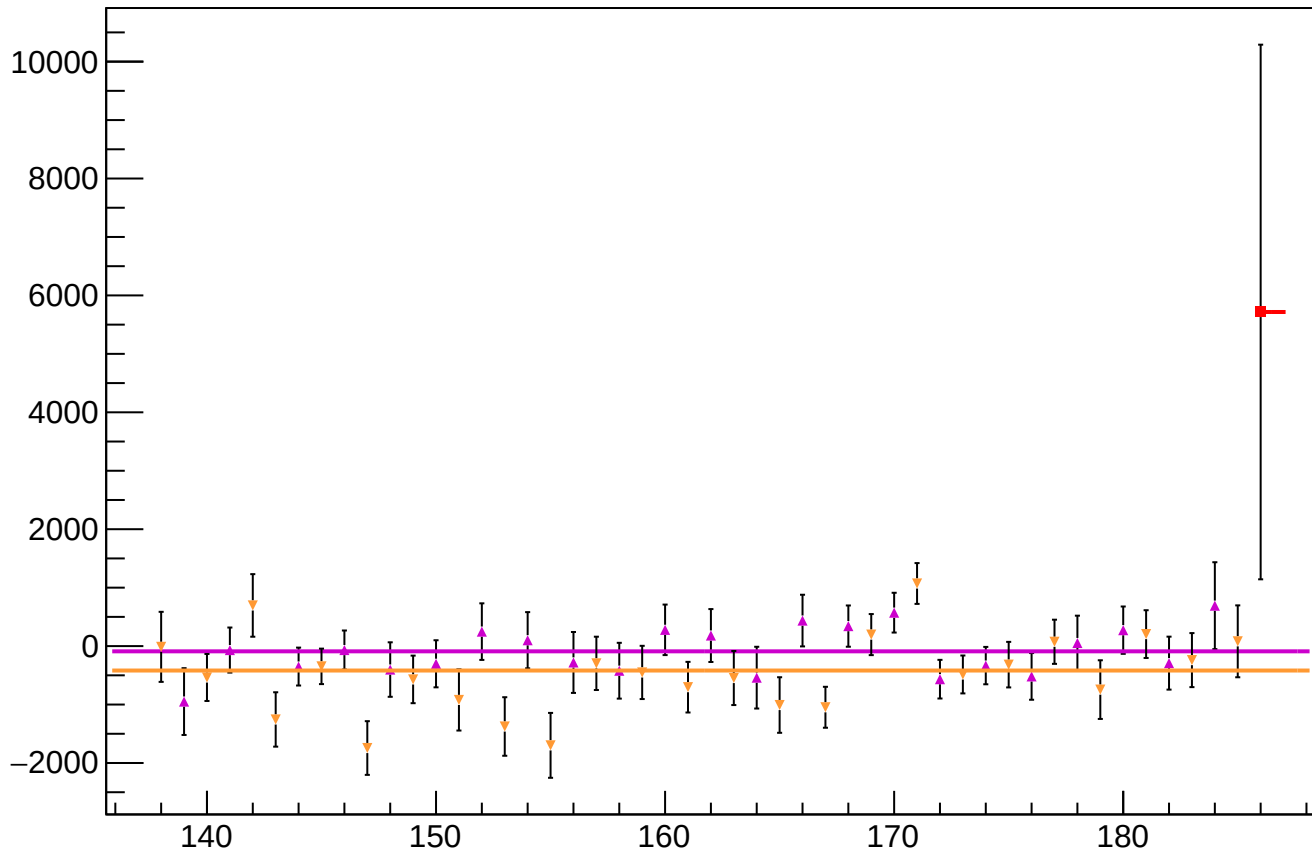
Left In: 60.355 $\pm$ 0.010 χ^2 /NDF: 1217671.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.597 $\pm$ 0.007 χ^2 /NDF: 3300038.5/48

- sign 60.476 $\pm$ 0.010 χ^2 /NDF: 1826043.3/23

asym_sam_1357_avg_correction_mean vs Slug



Right In: 0.000+/-0.000 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

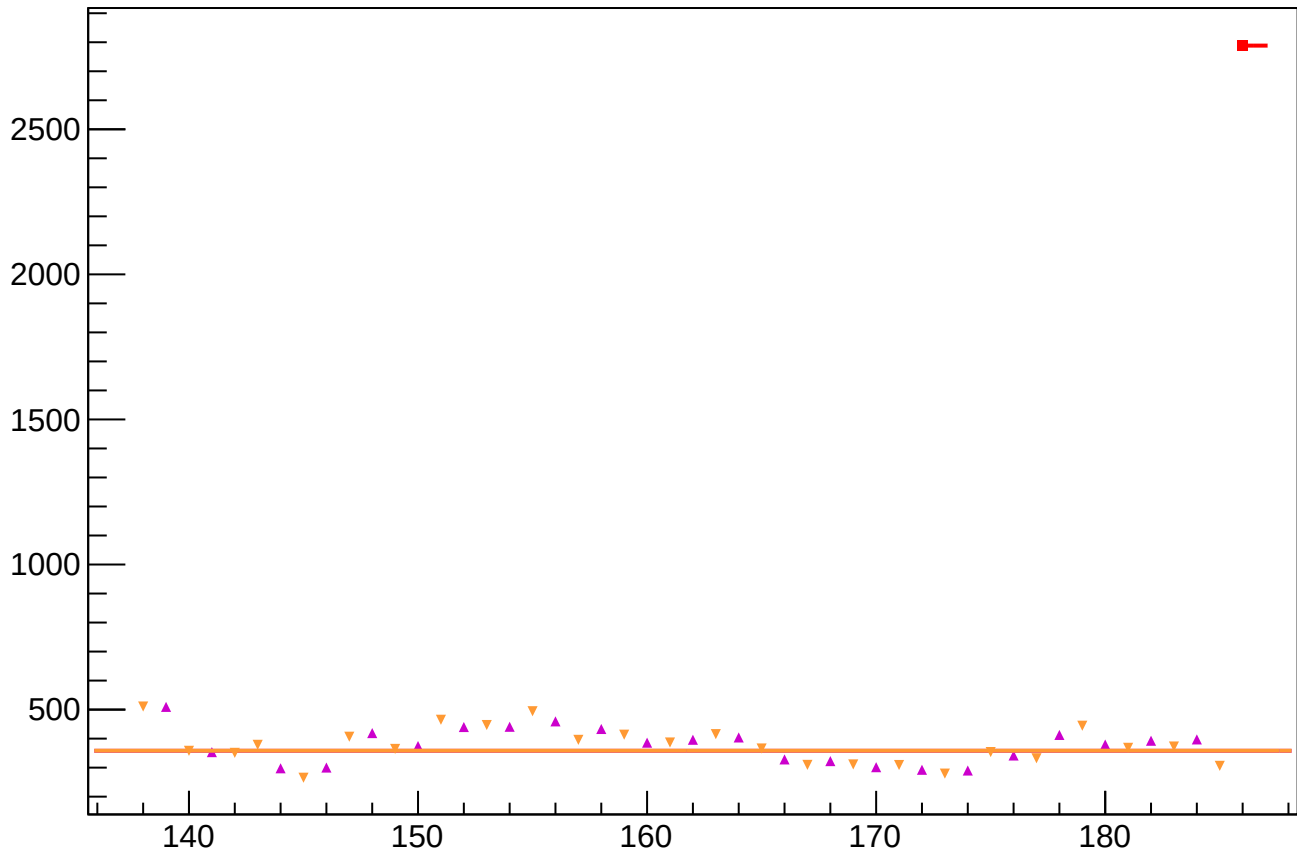
Left In: -89.505+/-86.438 χ^2/NDF : 19.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.427+/-60.590 χ^2/NDF : 87.0/48

- sign -87.432+/-86.423 χ^2/NDF : 21.0/23

asym_sam_1357_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 358.349+/-0.060 χ^2/NDF : 1011872.8/24

Right Out: 2788.413+/-3.234 χ^2/NDF : 0.0/0

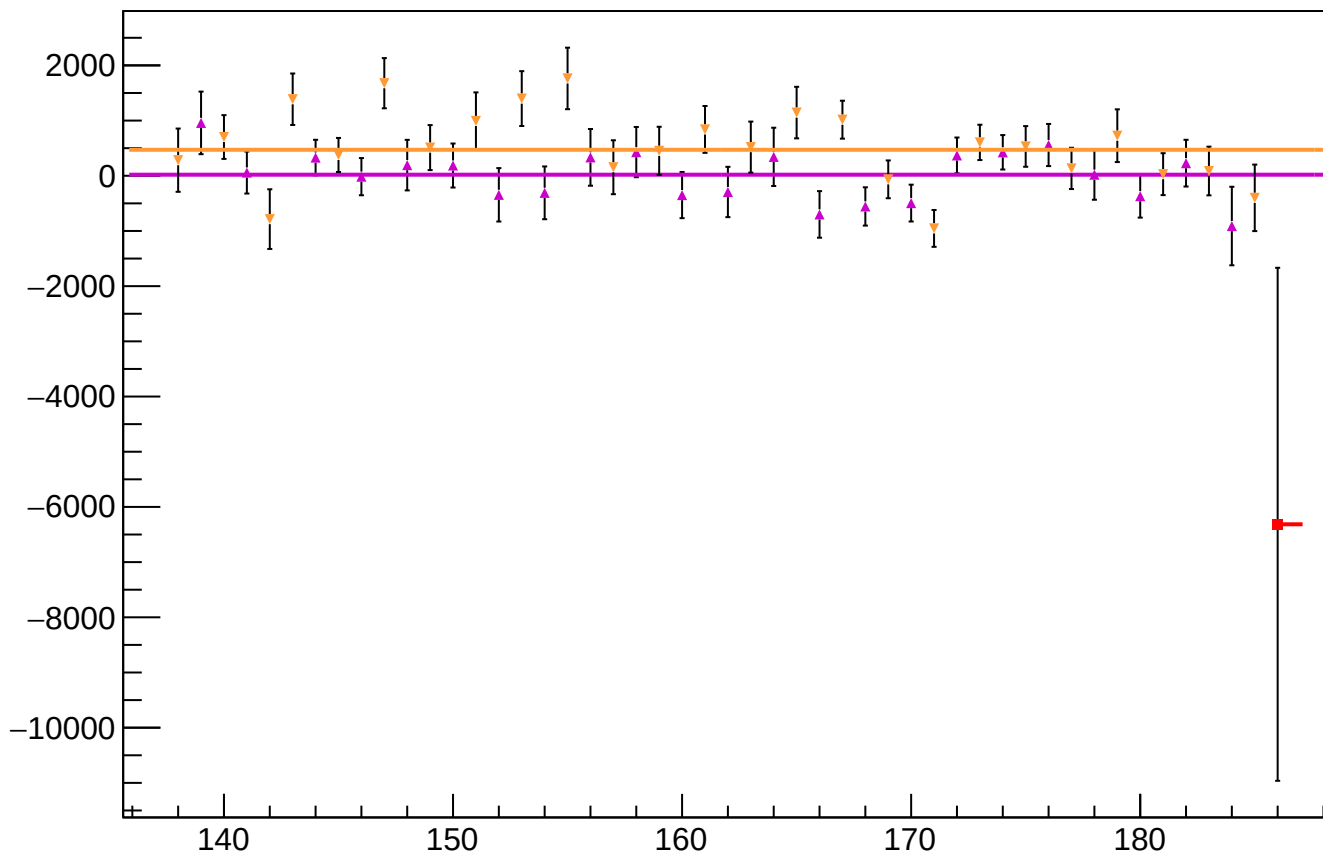
Left In: 357.802+/-0.061 χ^2/NDF : 893330.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 358.506+/-0.043 χ^2/NDF : 2469854.3/48

- sign 358.669+/-0.061 χ^2/NDF : 1457967.6/23

asym_sam_1357_avg_mean vs Slug



Right In: 0.000 ± 0.000 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

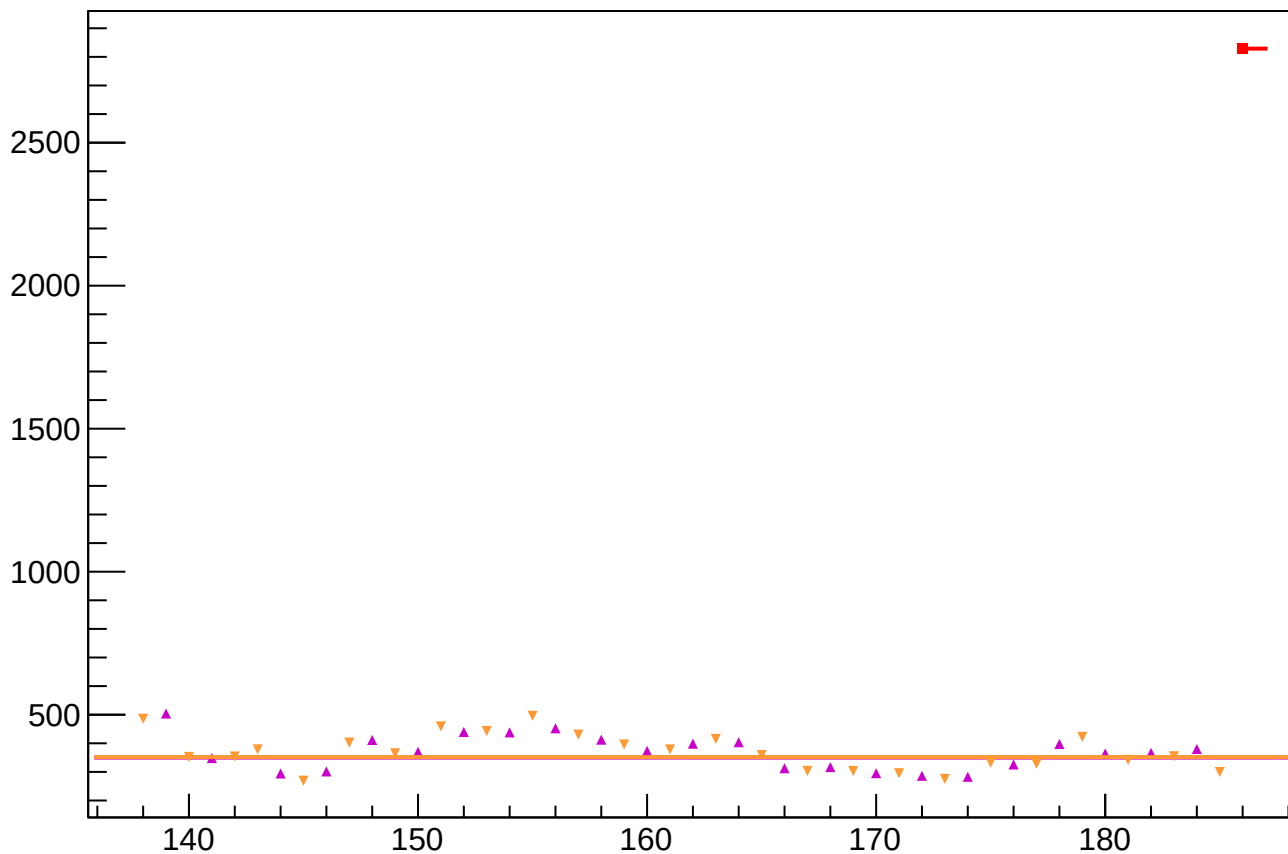
Left In: 19.328 ± 84.679 χ^2/NDF : 23.7/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 247.213 ± 59.444 χ^2/NDF : 98.8/48

- sign 17.226 ± 84.665 χ^2/NDF : 25.5/23

asym_sam_1357_avg_rms vs Slug



Right In: 0.000+/-0.000 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

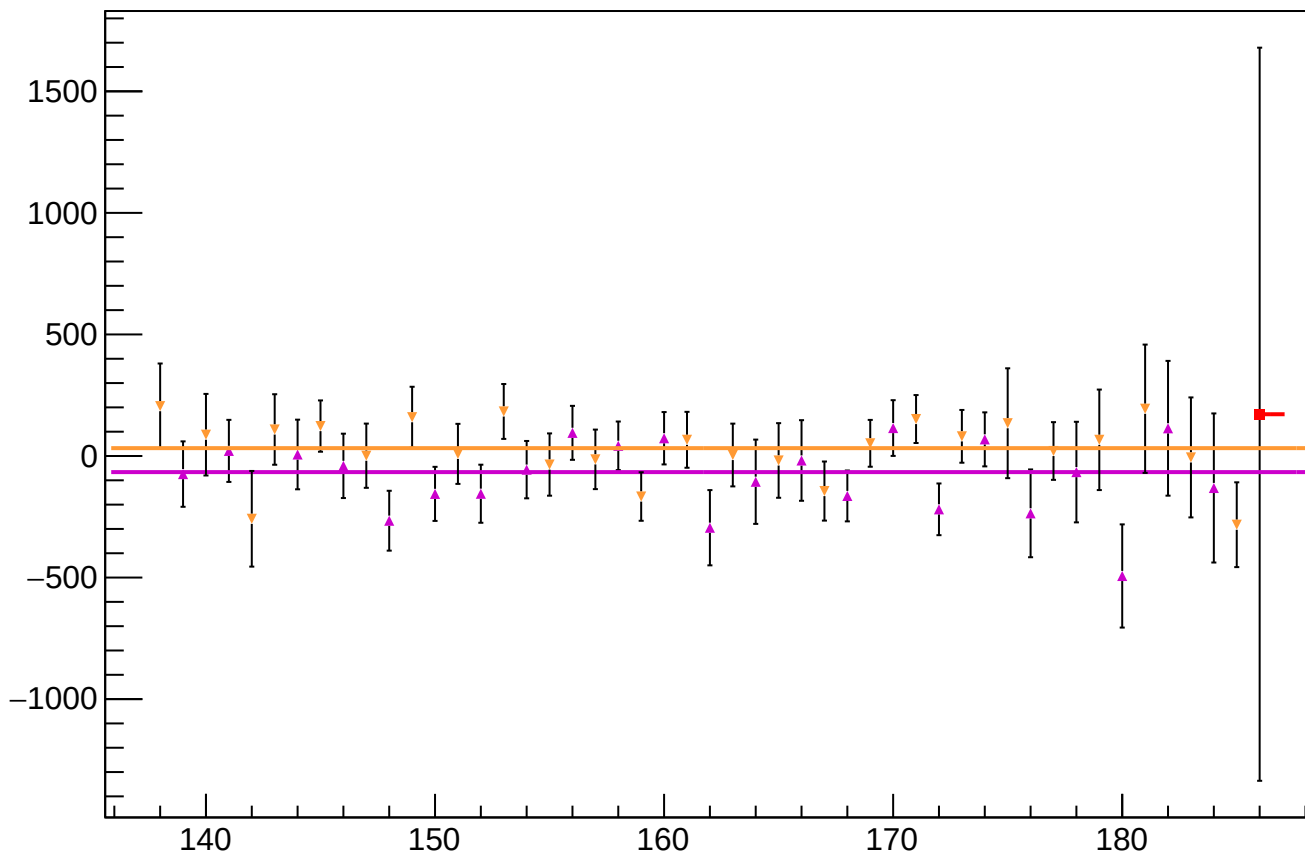
Left In: 350.037+/-0.060 χ^2/NDF :889435.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.325+/-0.042 χ^2/NDF : 2475126.7/48

- sign 350.860+/-0.060 χ^2/NDF : 1458216.6/23

dit_asym_sam_2468_avg_mean vs Slug



Right In: 0.000 ± 0.000 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

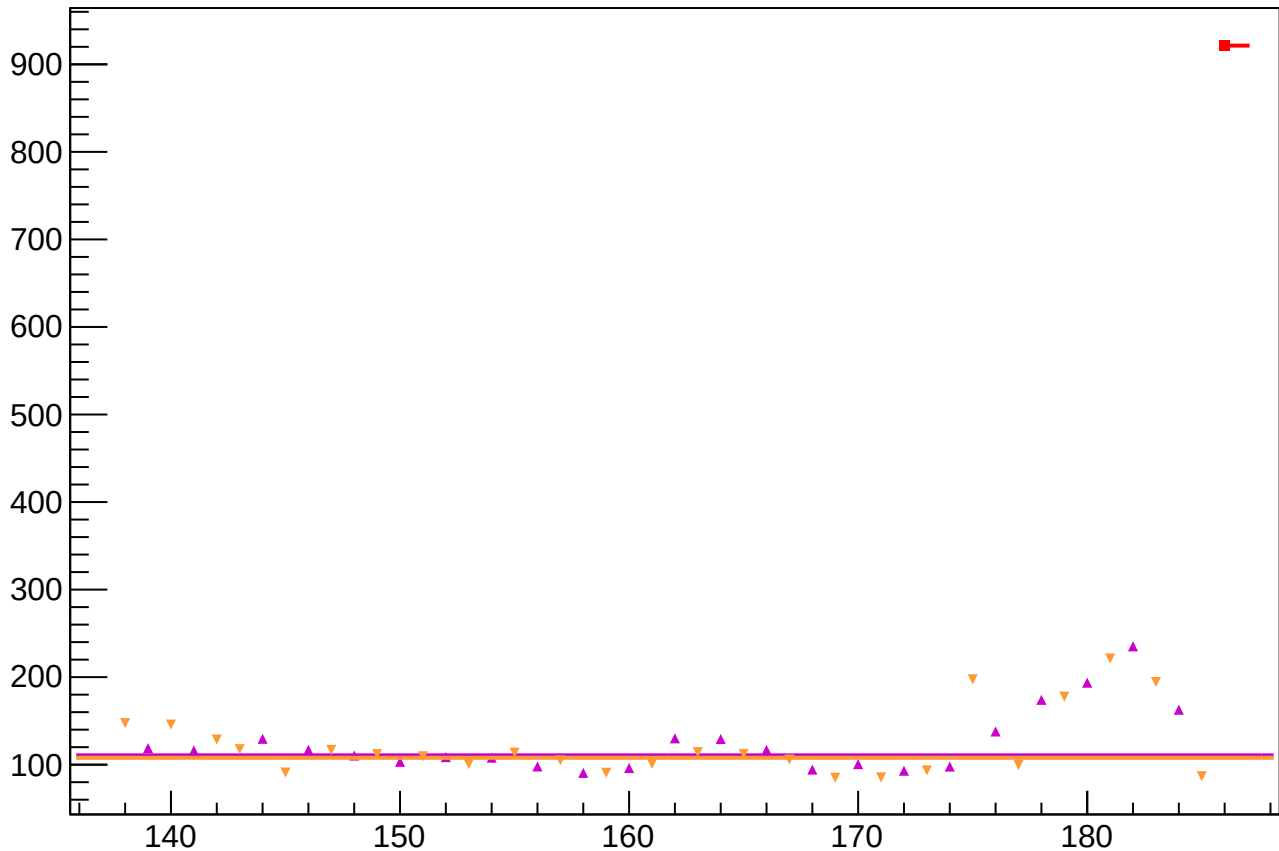
Left In: -66.254 ± 27.450 χ^2/NDF : 24.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.861 ± 18.997 χ^2/NDF : 50.5/48

- sign -66.175 ± 27.446 χ^2/NDF : 24.2/23

dit_asym_sam_2468_avg_rms vs Slug



Right In: 0.000 $\pm$ 0.000 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

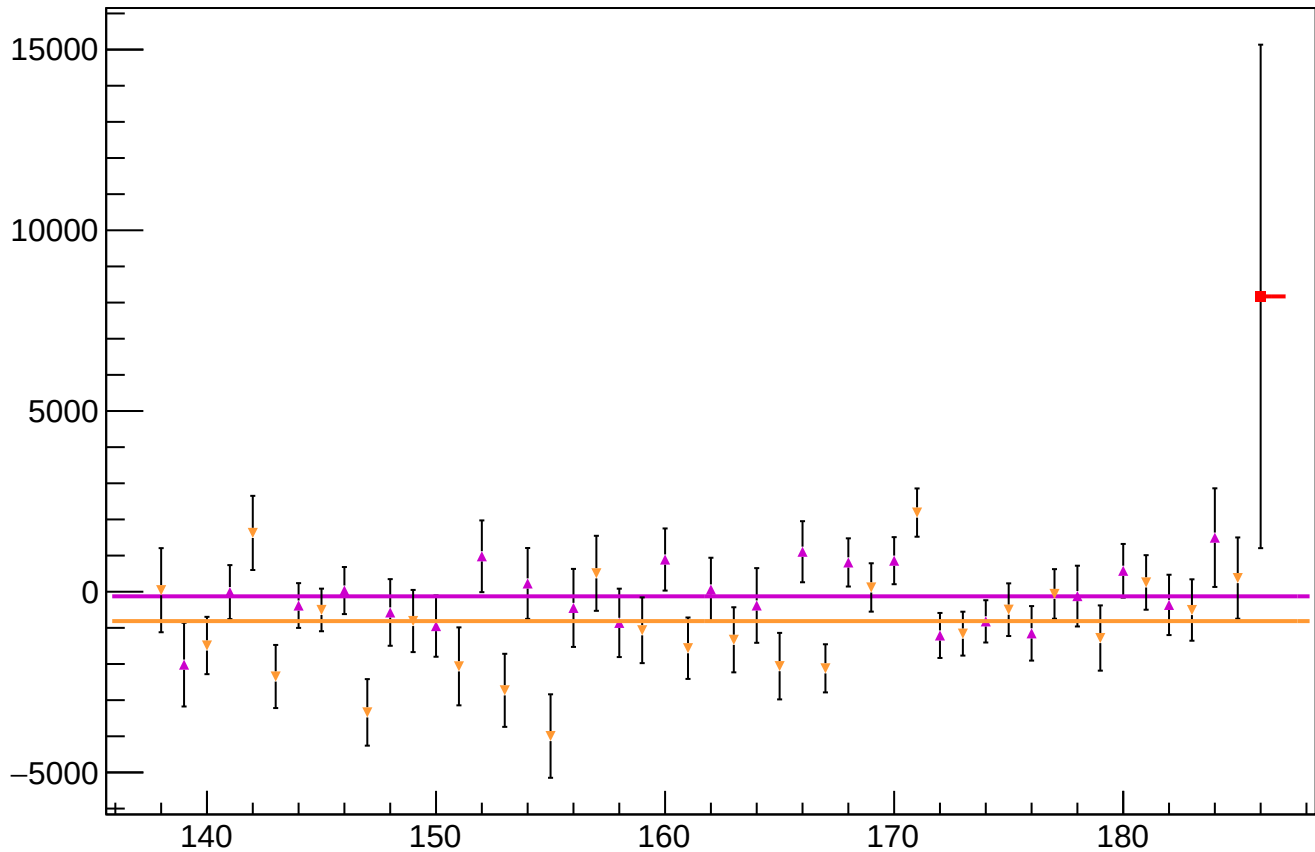
Left In: 110.691 $\pm$ 0.019 χ^2 /NDF:1406587.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.341 $\pm$ 0.013 χ^2 /NDF: 3831721.7/48

- sign 110.959 $\pm$ 0.019 χ^2 /NDF: 1984618.8/23

asym_sam_2468_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -813.029 $\pm$ 164.102 χ^2 /NDF:66.2/24

Right Out: 8170.712 $\pm$ 6965.269 χ^2 /NDF: 0.0/0

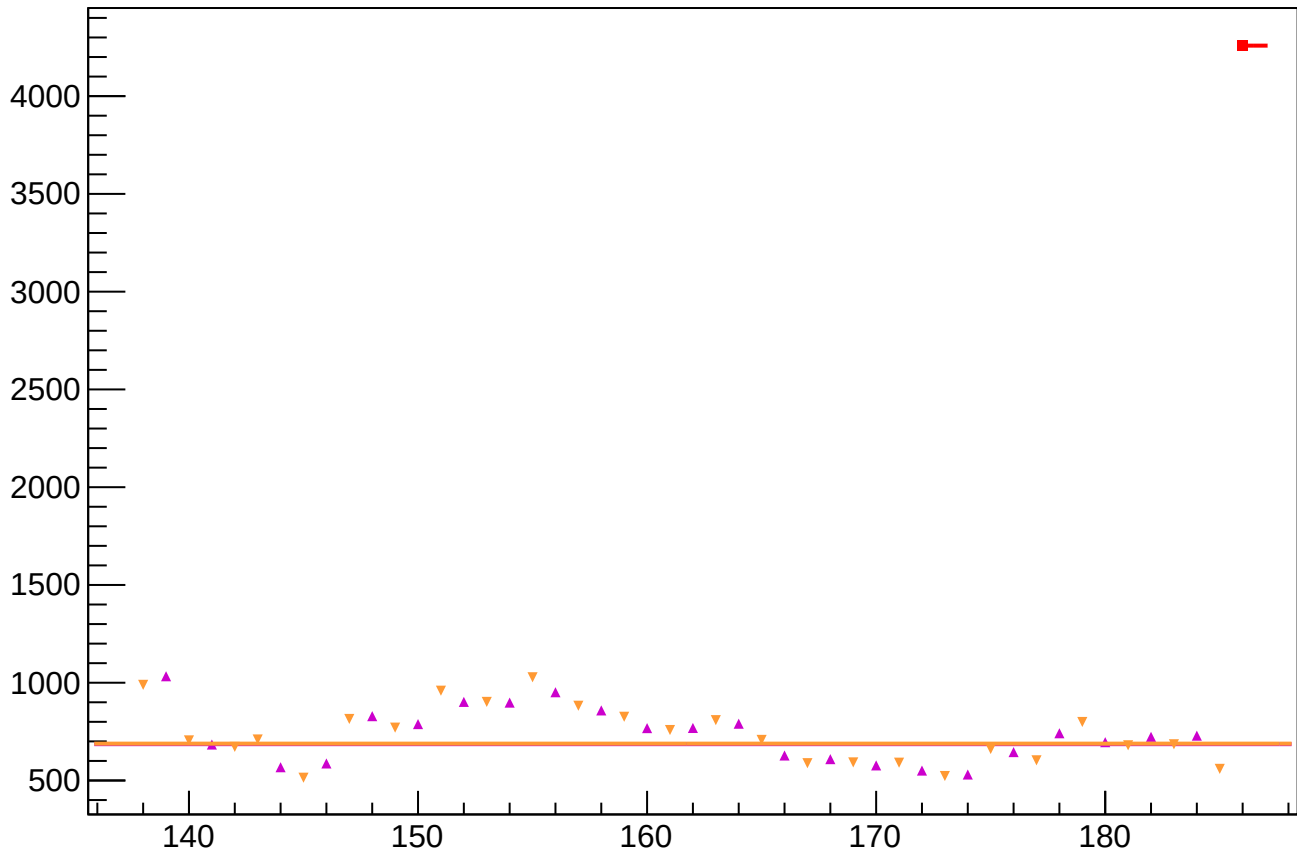
Left In: -127.427 $\pm$ 166.308 χ^2 /NDF:22.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -472.375 $\pm$ 116.793 χ^2 /NDF: 99.1/48

- sign -122.699 $\pm$ 166.261 χ^2 /NDF: 24.2/23

asym_sam_2468_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 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

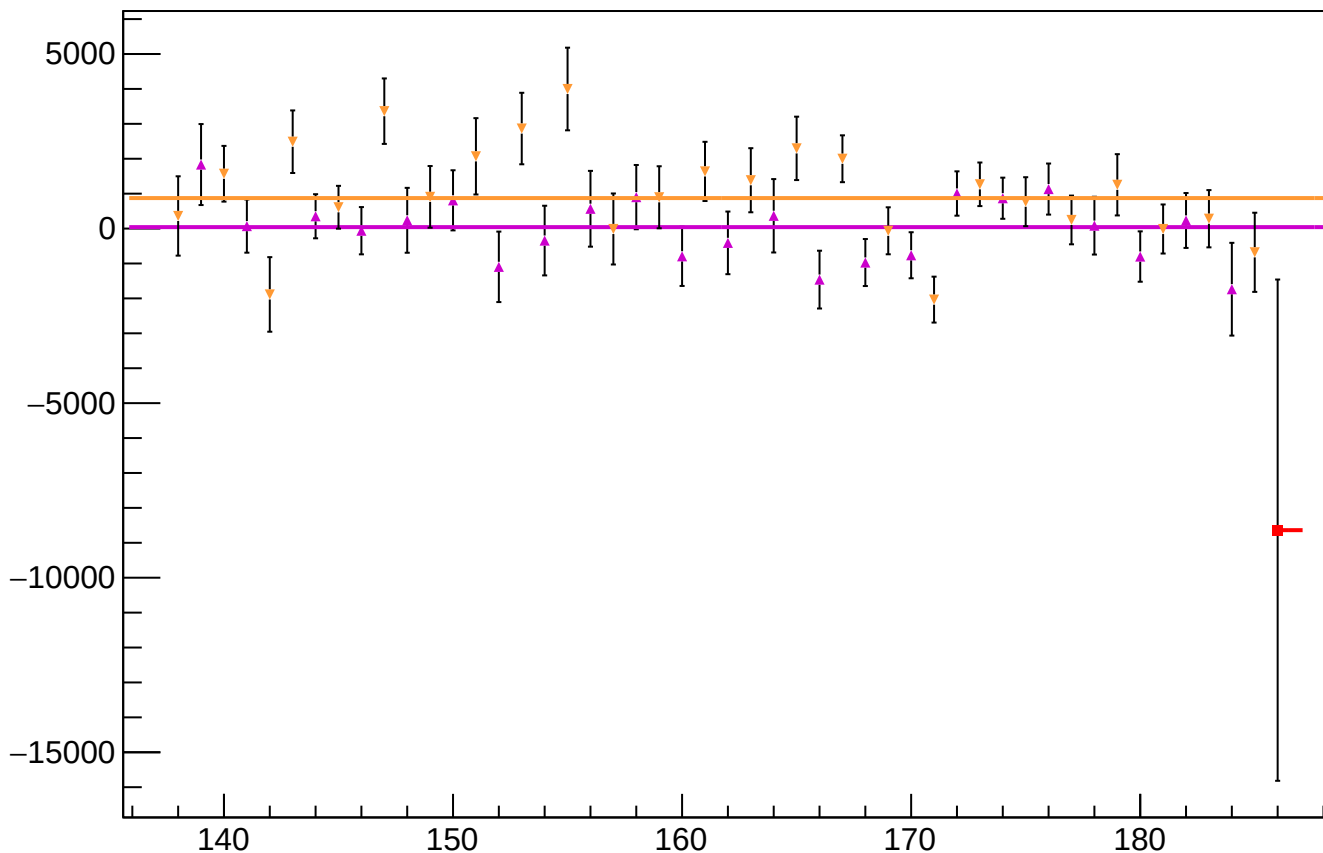
Left In: 685.733+/-0.118 χ^2/NDF :1156263.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.146+/-0.083 χ^2/NDF : 2969824.0/48

- sign 687.769+/-0.118 χ^2/NDF : 1682102.0/23

asym_sam_2468_avg_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 873.446 ± 164.269 χ^2/NDF : 64.1/24

Right Out: -8638.169 ± 7178.781 χ^2/NDF : 0.0/0

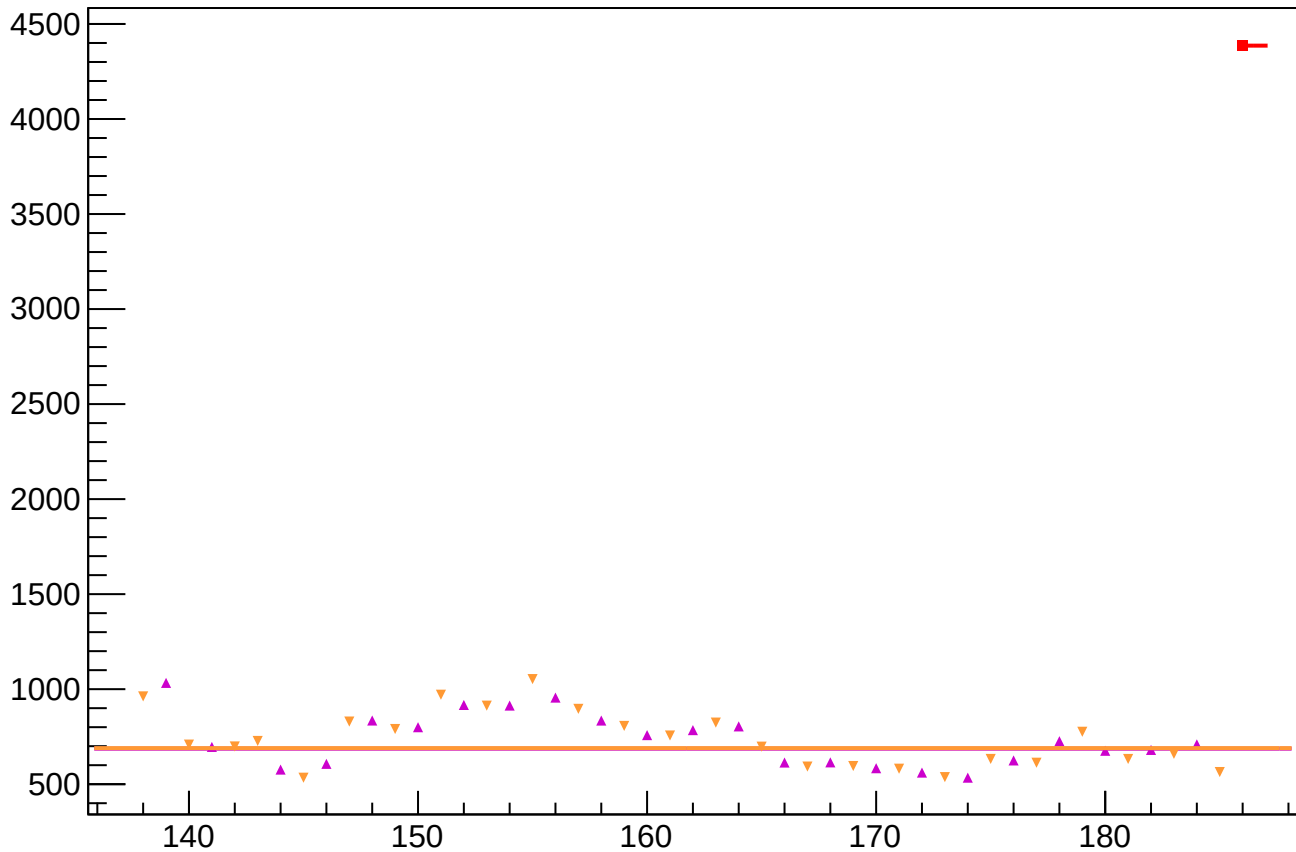
Left In: 41.522 ± 166.728 χ^2/NDF : 24.1/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 461.247 ± 117.000 χ^2/NDF : 102.5/48

- sign 36.843 ± 166.683 χ^2/NDF : 25.6/23

asym_sam_2468_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 689.767+/-0.116 χ^2/NDF :1258608.7/24

Right Out: 4386.042+/-5.076 χ^2/NDF : 0.0/0

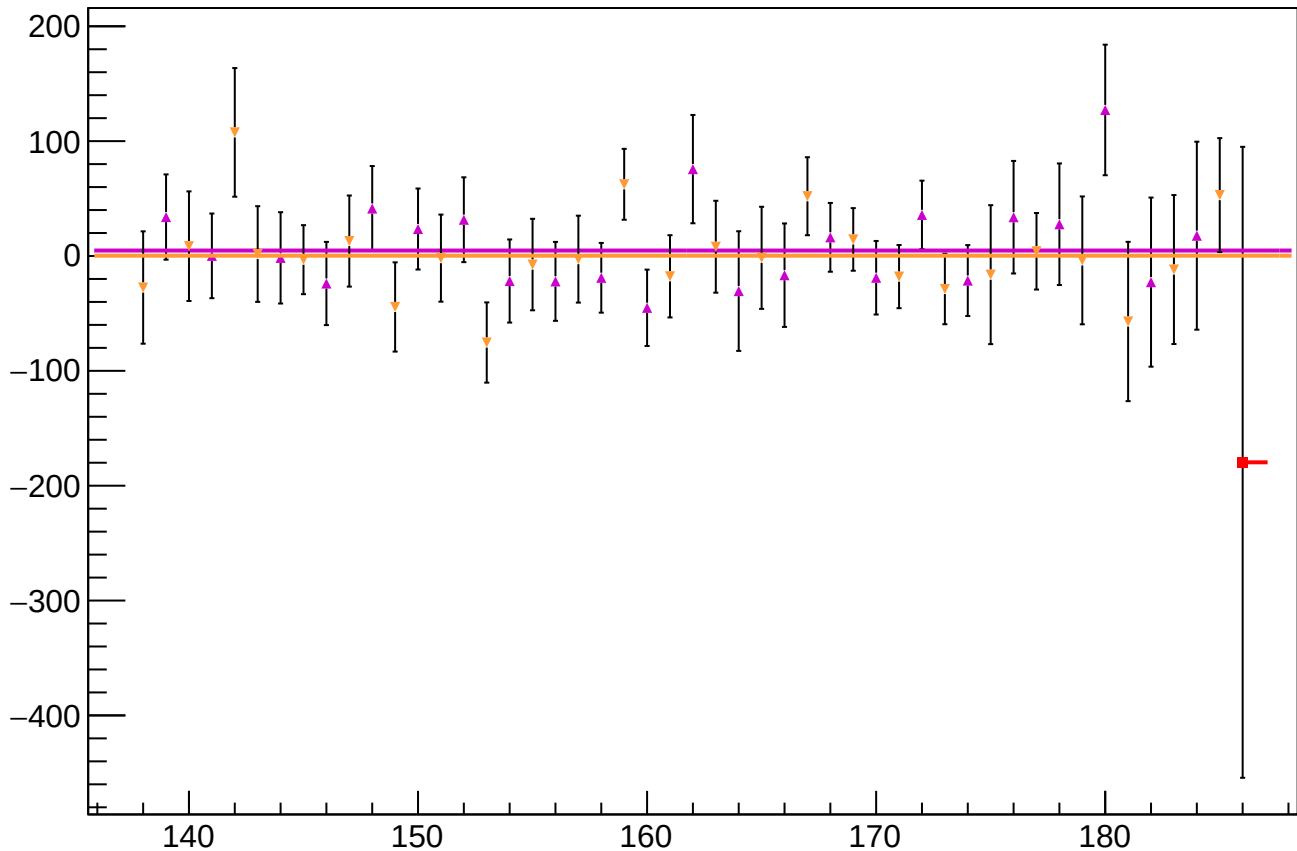
Left In: 686.944+/-0.118 χ^2/NDF :1116042.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.358+/-0.083 χ^2/NDF : 2905421.3/48

- sign 688.938+/-0.118 χ^2/NDF : 1646787.5/23

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.254 $\pm$ 7.690 χ^2 /NDF:20.4/24

Right Out: -179.642 $\pm$ 274.680 χ^2 /NDF: 0.0/0

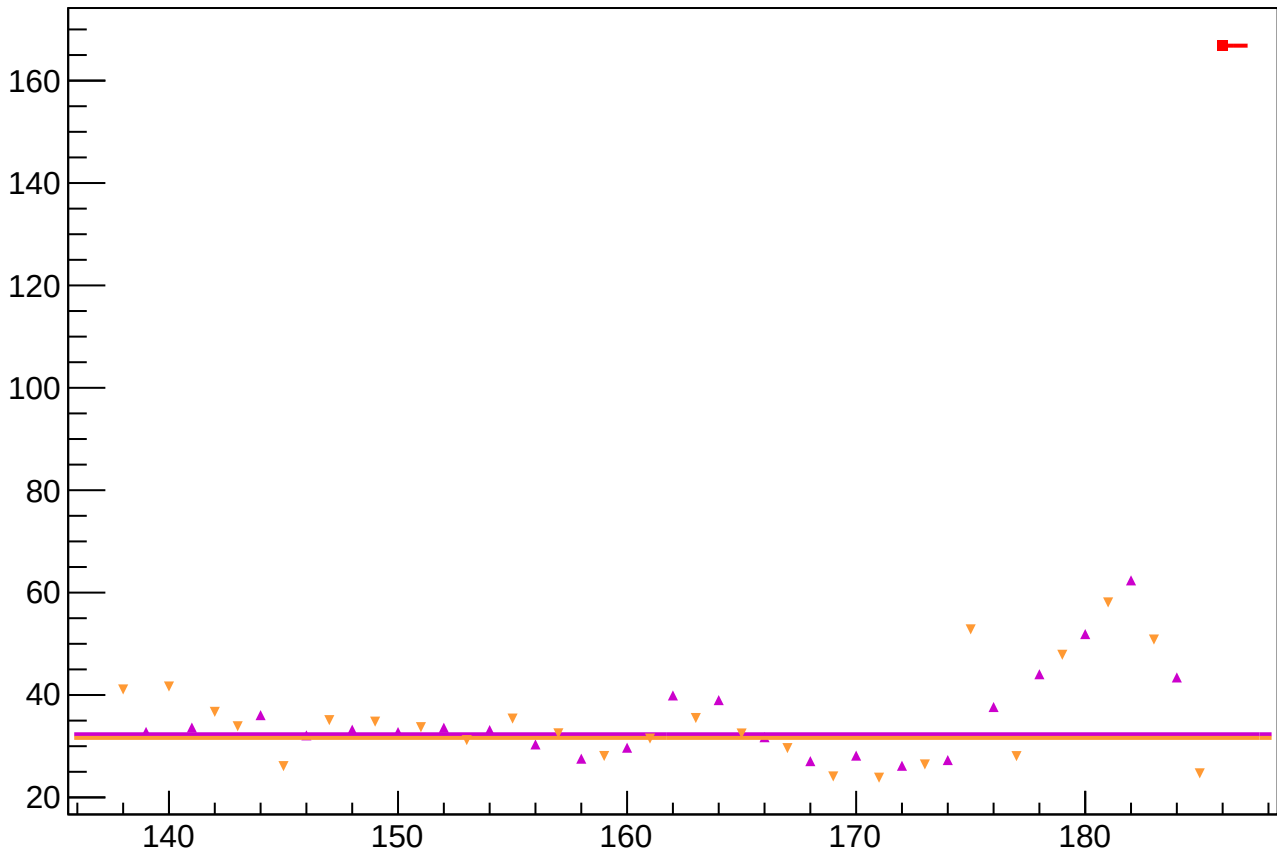
Left In: 4.745 $\pm$ 7.976 χ^2 /NDF:17.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.344 $\pm$ 5.535 χ^2 /NDF: 38.9/48

- sign 4.590 $\pm$ 7.972 χ^2 /NDF: 18.3/23

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 31.624+/-0.005 χ^2/NDF : 1673431.1/24

Right Out: 166.829+/-0.194 χ^2/NDF : 0.0/0

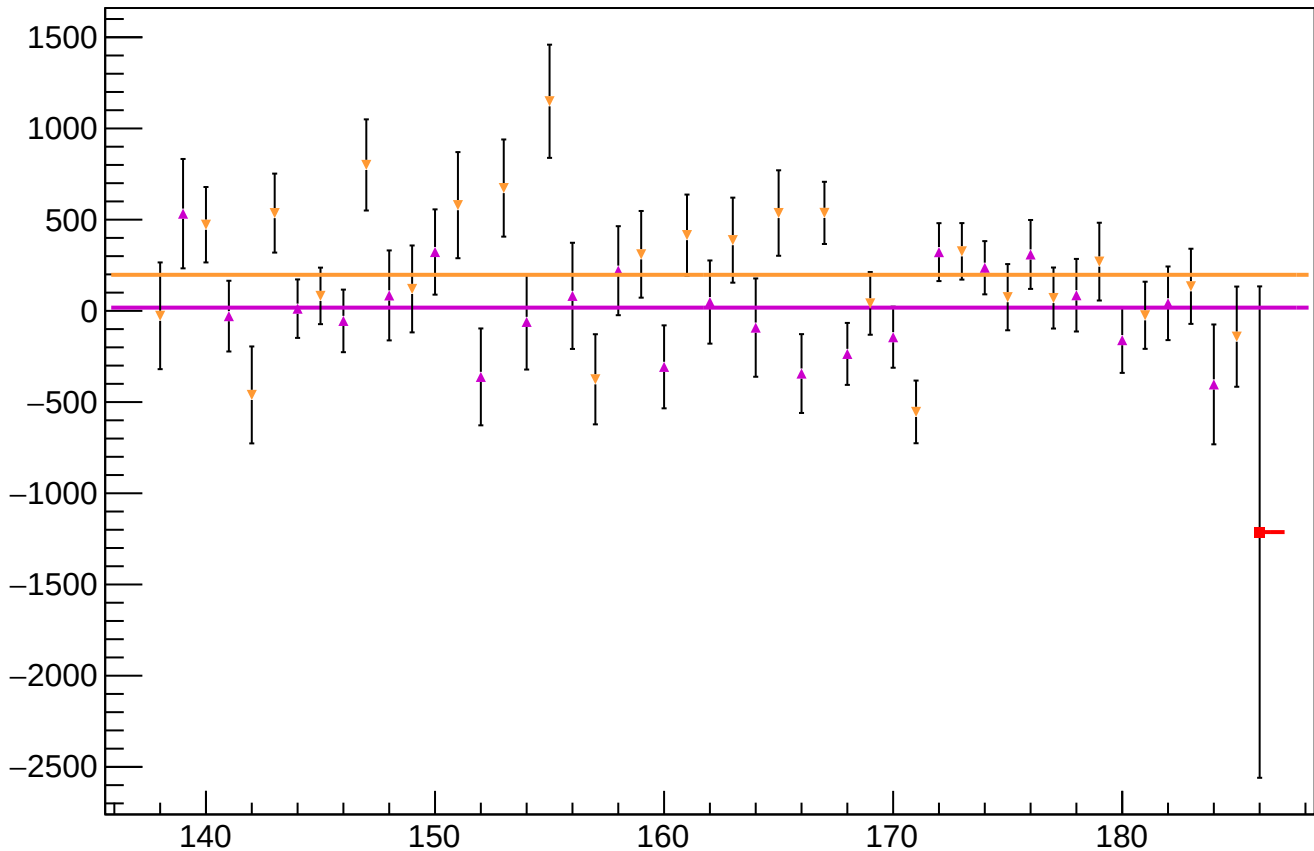
Left In: 32.331+/-0.006 χ^2/NDF : 1141501.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.020+/-0.004 χ^2/NDF : 3305013.1/48

- sign 32.444+/-0.006 χ^2/NDF : 1620619.8/23

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

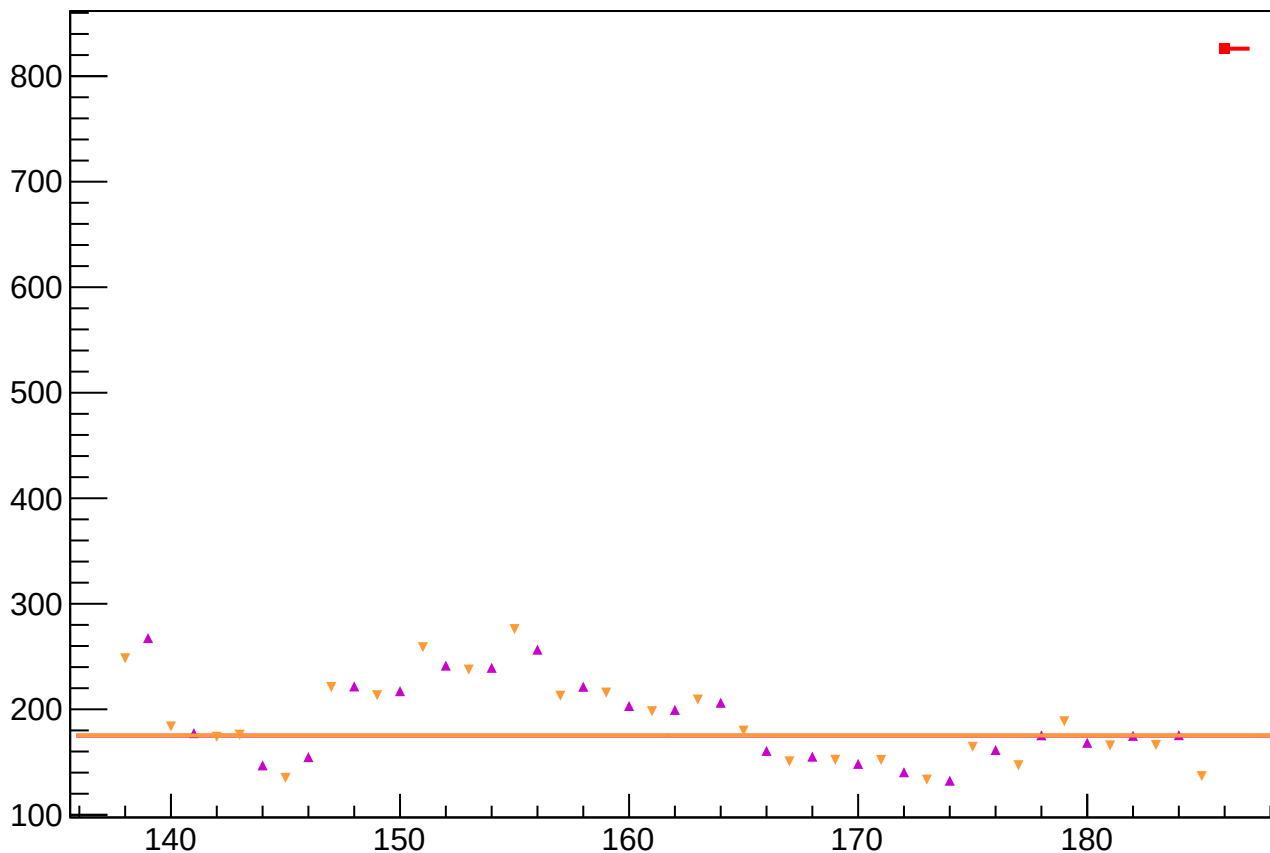
Left In: 17.742 $\pm$ 42.576 χ^2 /NDF:27.1/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.651 $\pm$ 29.832 χ^2 /NDF: 107.0/48

- sign 16.514 $\pm$ 42.555 χ^2 /NDF: 27.9/23

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 175.207+/-0.030 χ^2/NDF :1418225.0/24

Right Out: 826.050+/-0.952 χ^2/NDF : 0.0/0

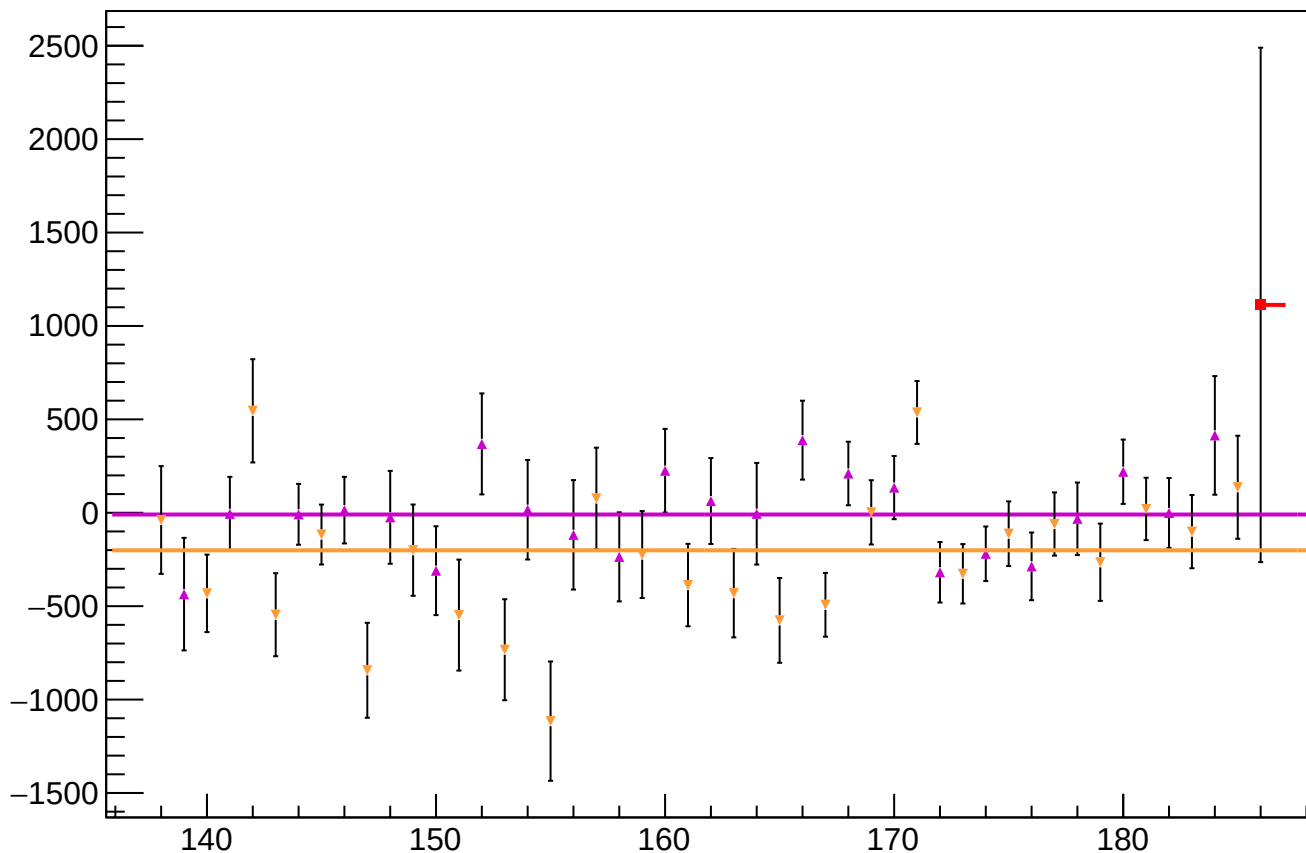
Left In: 175.051+/-0.030 χ^2/NDF :1339755.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.450+/-0.021 χ^2/NDF : 3224801.1/48

- sign 175.701+/-0.030 χ^2/NDF : 1806439.3/23

asym_sam_1357_2468_dd_mean vs Slug



Right In: 0.000 $\pm$ 0.000 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

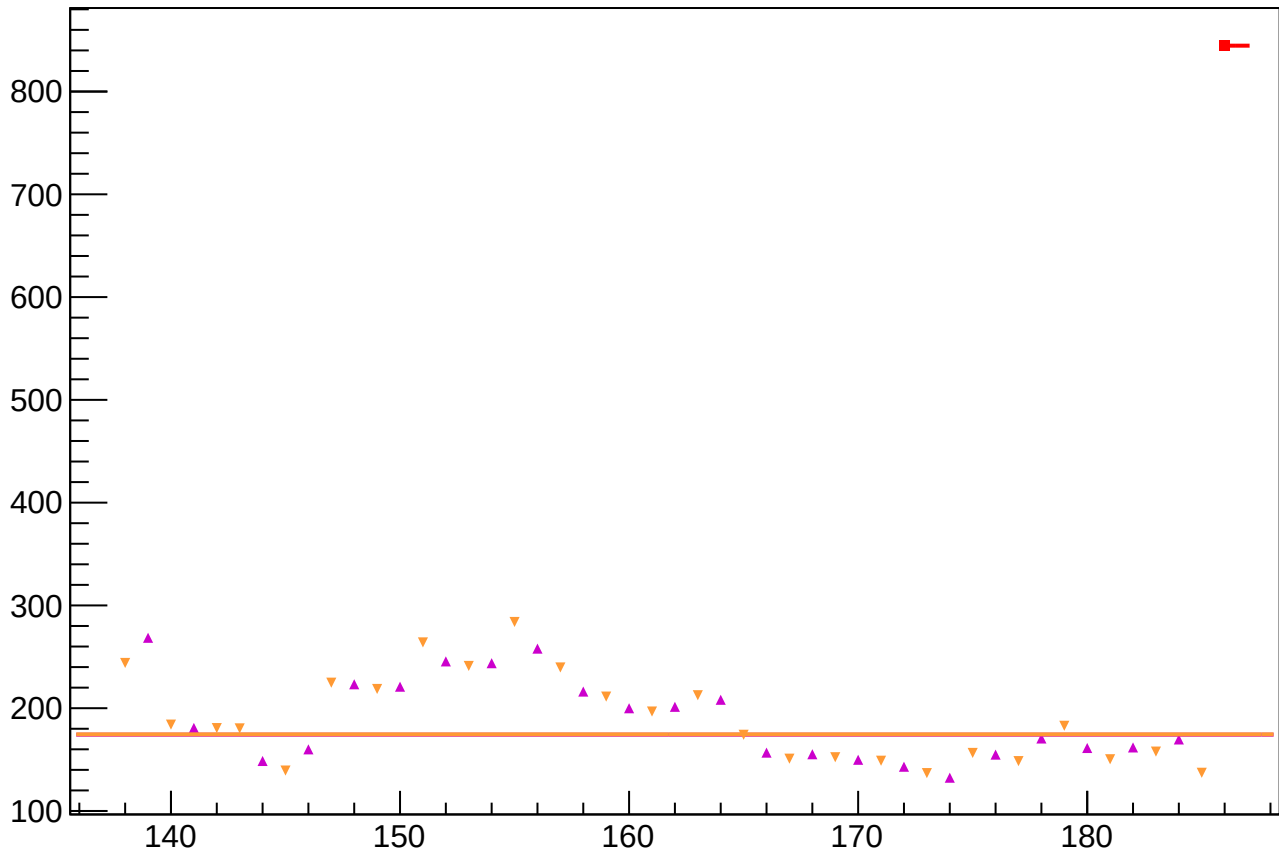
Left In: -9.384 $\pm$ 42.437 χ^2 /NDF:25.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -106.170 $\pm$ 29.752 χ^2 /NDF: 102.0/48

- sign -8.319 $\pm$ 42.417 χ^2 /NDF: 26.1/23

asym_sam_1357_2468_dd_rms vs Slug



Right In: 0.000+/-0.000 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

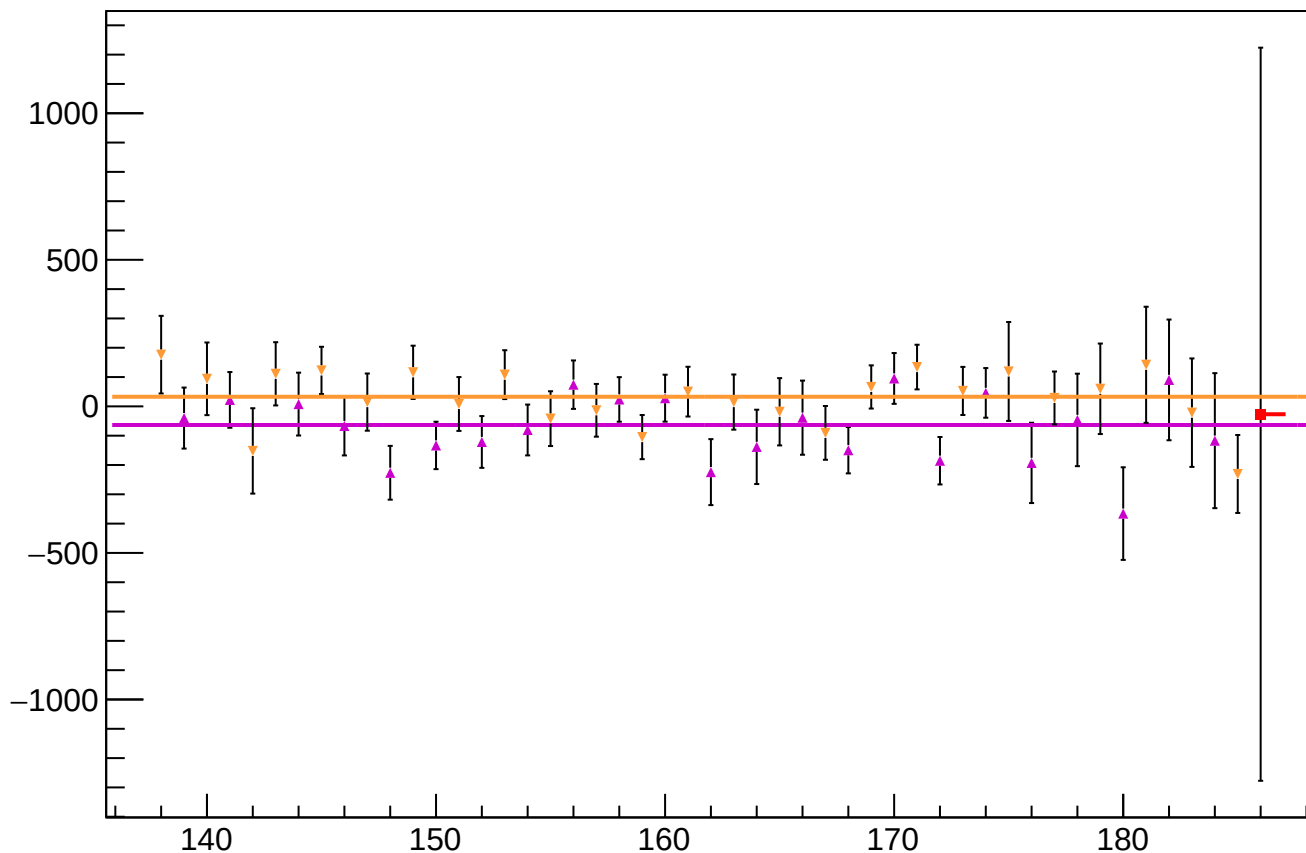
Left In: 174.217+/-0.030 χ^2/NDF :1364600.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.708+/-0.021 χ^2/NDF : 3371182.4/48

- sign 174.853+/-0.030 χ^2/NDF : 1838235.8/23

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 0.000+/-0.000 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

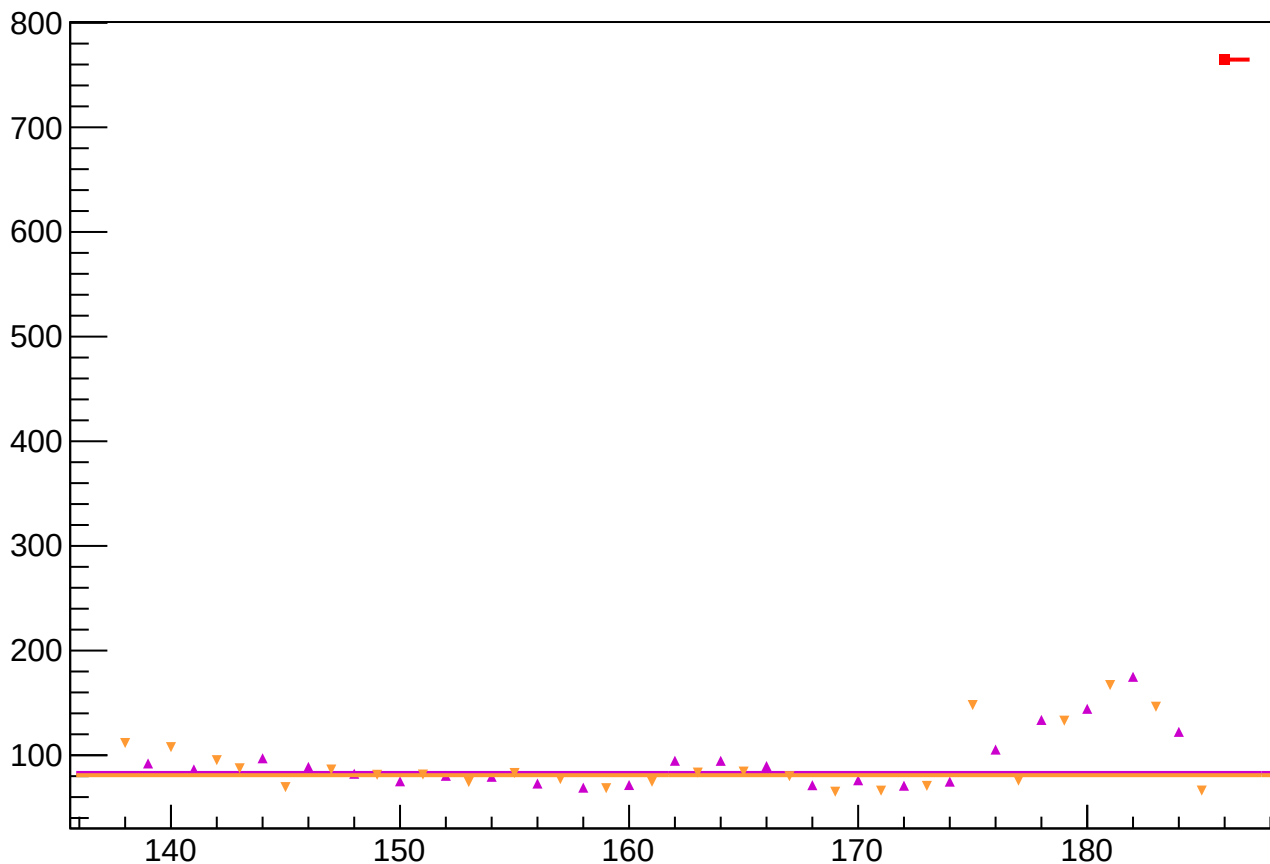
Left In: -63.566+/-20.573 χ^2/NDF :27.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.312+/-14.230 χ^2/NDF : 58.1/48

- sign -63.556+/-20.571 χ^2/NDF : 27.2/23

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 80.926+/-0.014 χ^2/NDF : 1760910.0/24

Right Out: 764.705+/-0.884 χ^2/NDF : 0.0/0

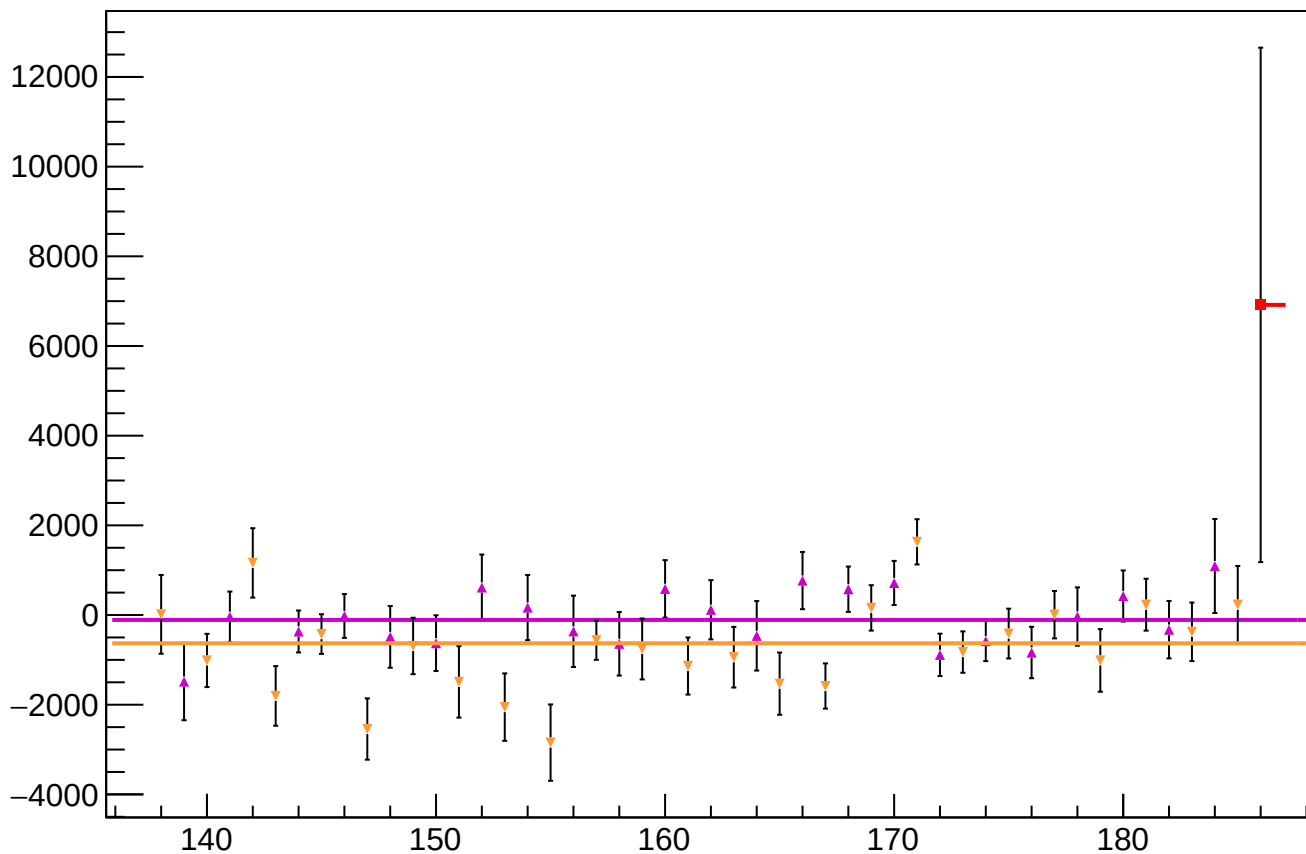
Left In: 83.071+/-0.015 χ^2/NDF : 1405124.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.041+/-0.010 χ^2/NDF : 3773410.1/48

- sign 83.255+/-0.015 χ^2/NDF : 1999135.9/23

asym_sam_12345678_avg_correction_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -629.005 $\pm$ 120.608 χ^2 /NDF:63.2/24

Right Out: 6916.957 $\pm$ 5736.411 χ^2 /NDF: 0.0/0

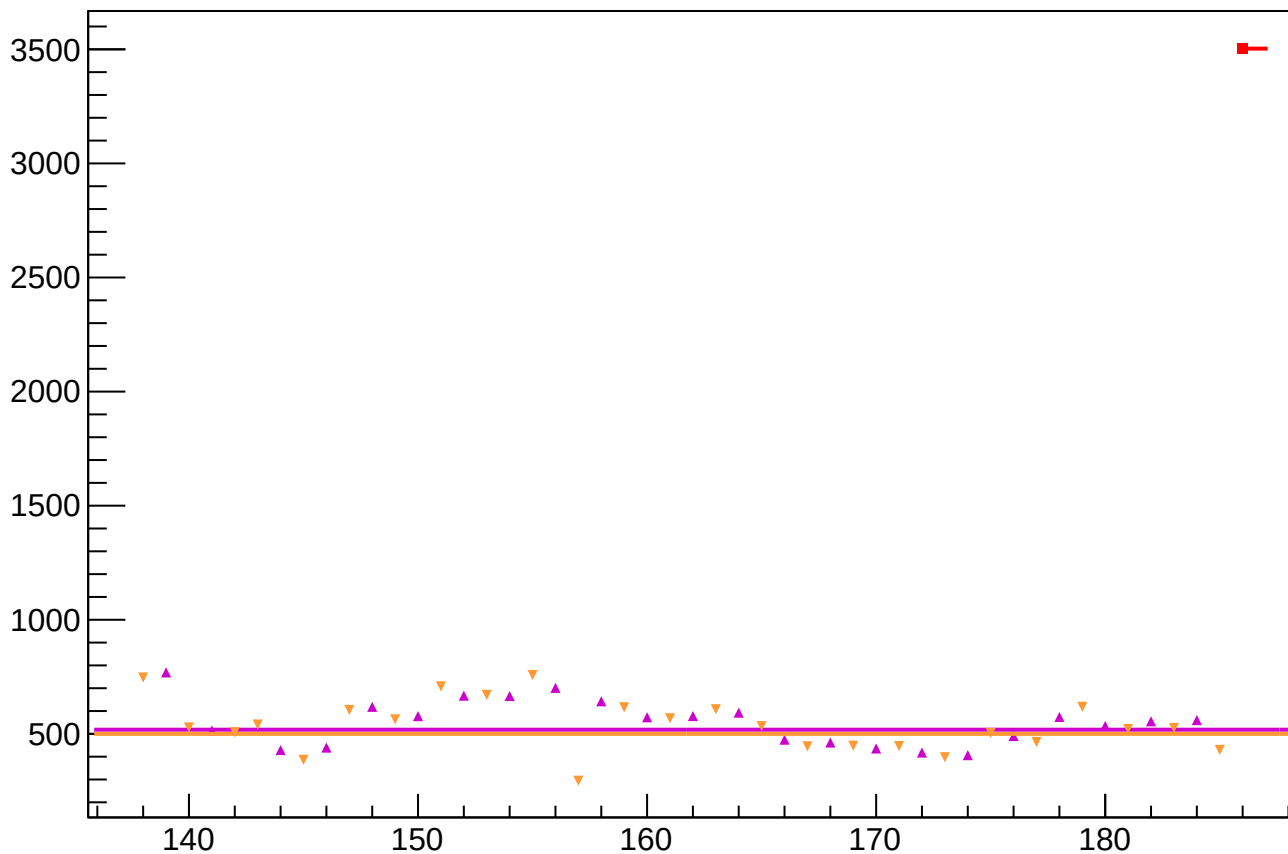
Left In: -108.821 $\pm$ 125.527 χ^2 /NDF:21.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -377.629 $\pm$ 86.960 χ^2 /NDF: 95.1/48

- sign -105.459 $\pm$ 125.497 χ^2 /NDF: 22.9/23

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 0.000+/-0.000 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

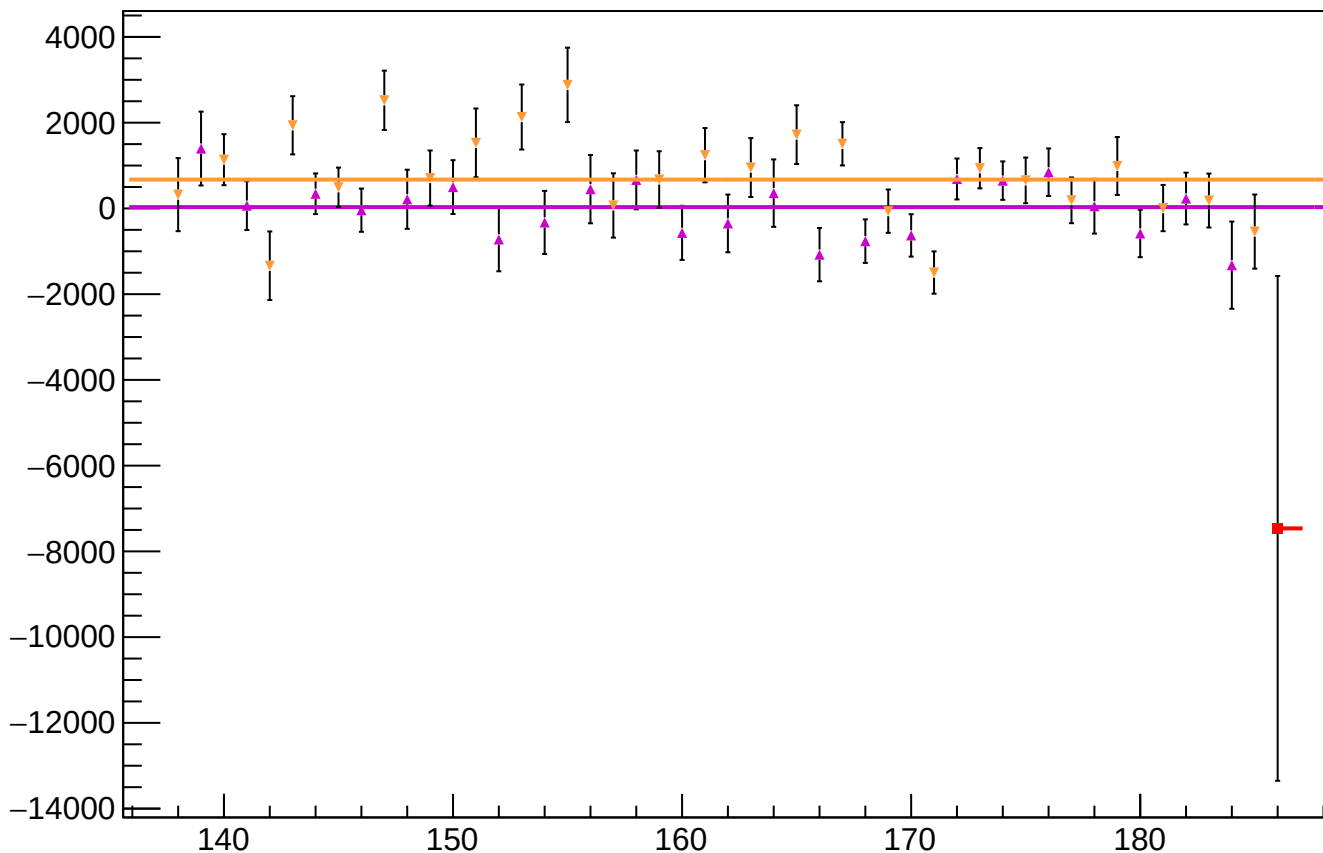
Left In: 518.244+/-0.089 χ^2/NDF : 1071993.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.349+/-0.061 χ^2/NDF : 3265828.3/48

- sign 519.673+/-0.089 χ^2/NDF : 1613259.8/23

asym_sam_12345678_avg_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 672.498+/-123.428 χ^2/NDF : 62.8/24

Right Out: -7463.380+/-5887.982 χ^2/NDF : 0.0/0

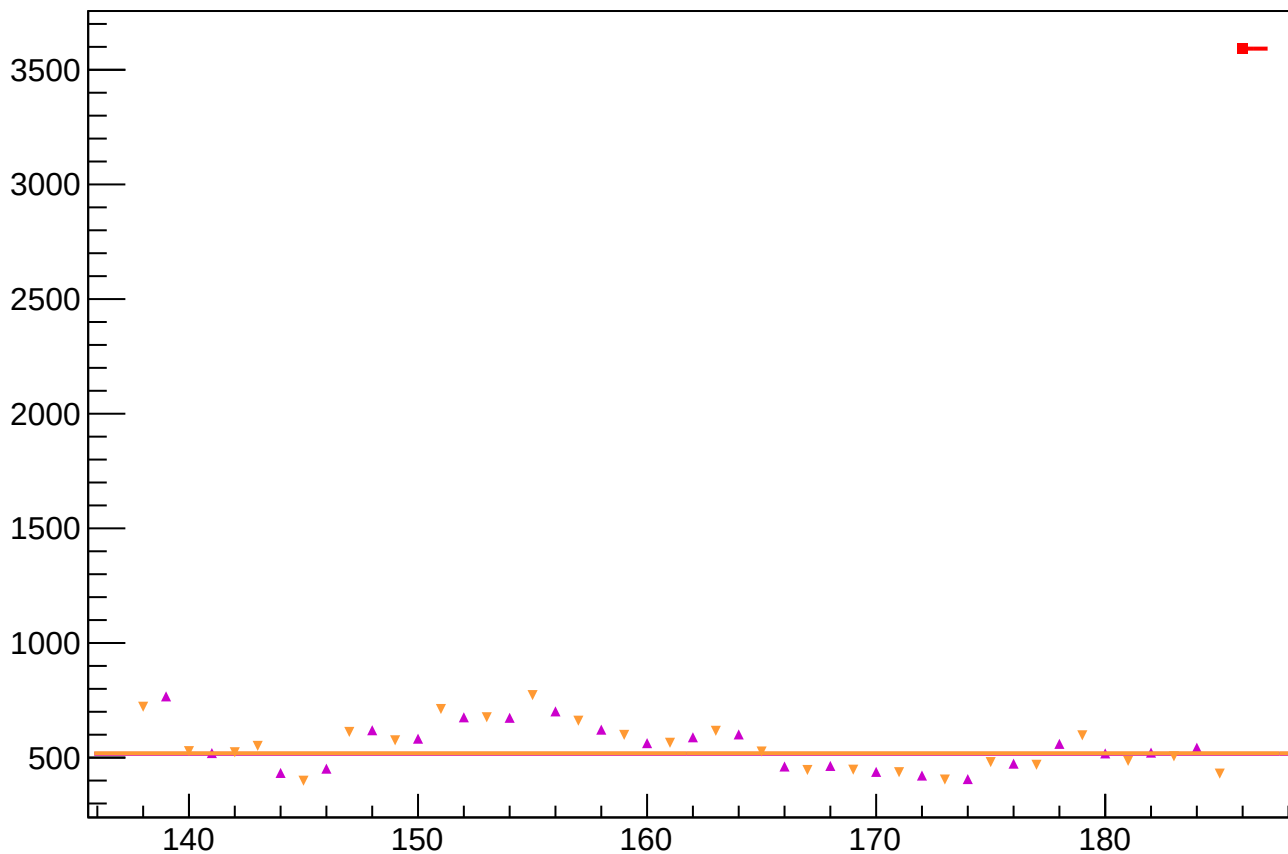
Left In: 31.056+/-125.236 χ^2/NDF : 23.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.699+/-87.899 χ^2/NDF : 101.7/48

- sign 27.667+/-125.208 χ^2/NDF : 25.5/23

asym_sam_12345678_avg_rms vs Slug



Right In: 0.000+/-0.000 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

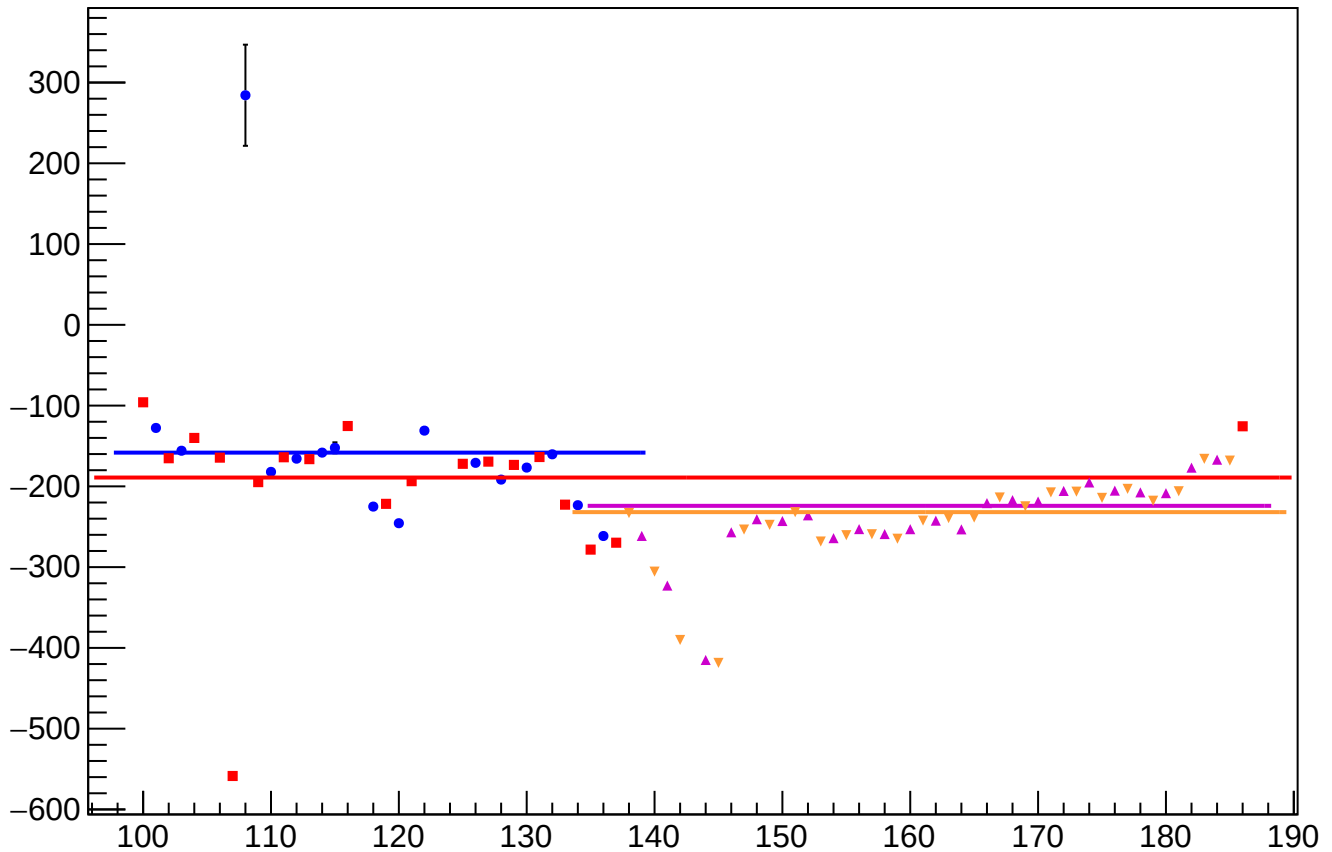
Left In: 516.594+/-0.089 χ^2/NDF :1036092.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

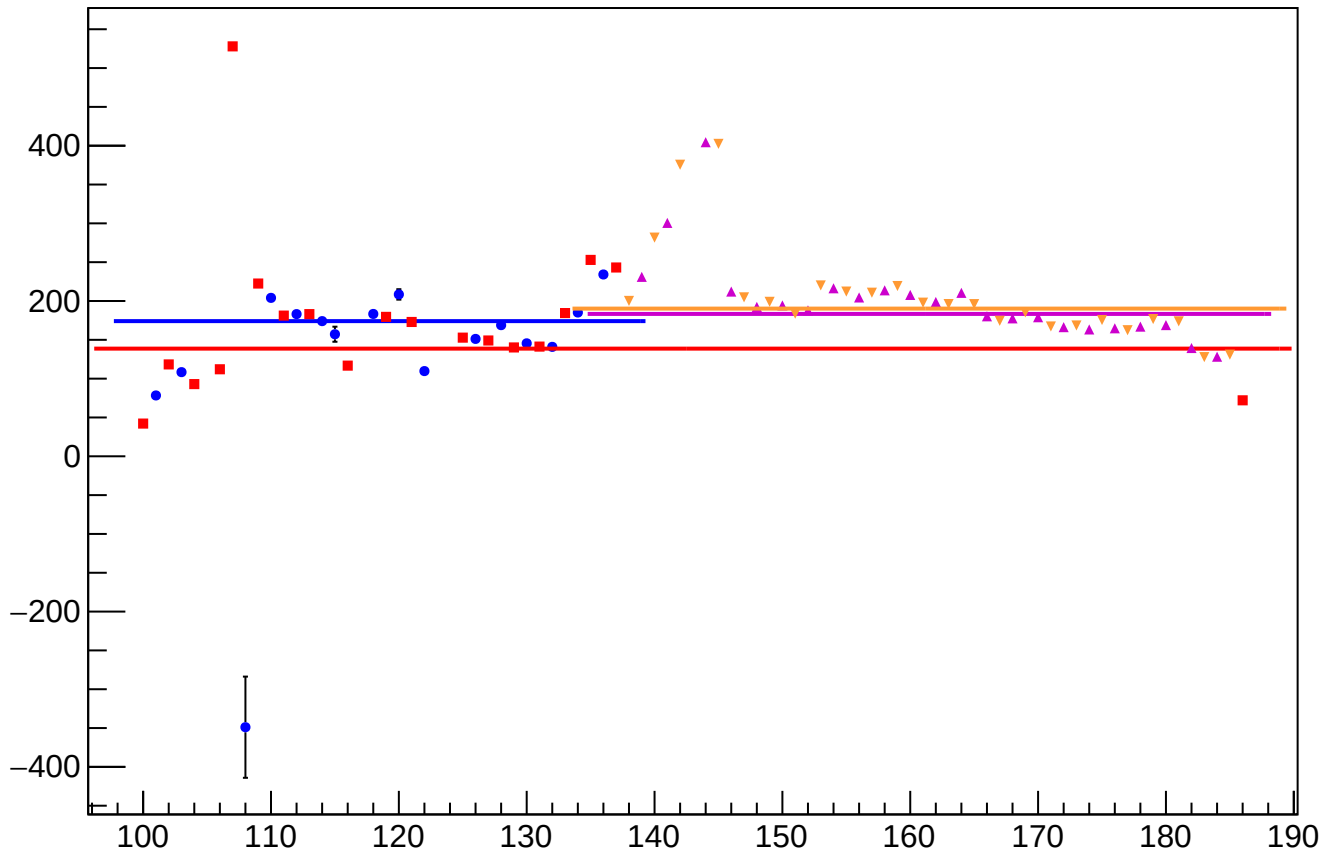
All: 518.467+/-0.062 χ^2/NDF : 2754271.6/48

- sign 517.985+/-0.089 χ^2/NDF : 1581599.3/23

dit_usl_4aX_slope vs Slug



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

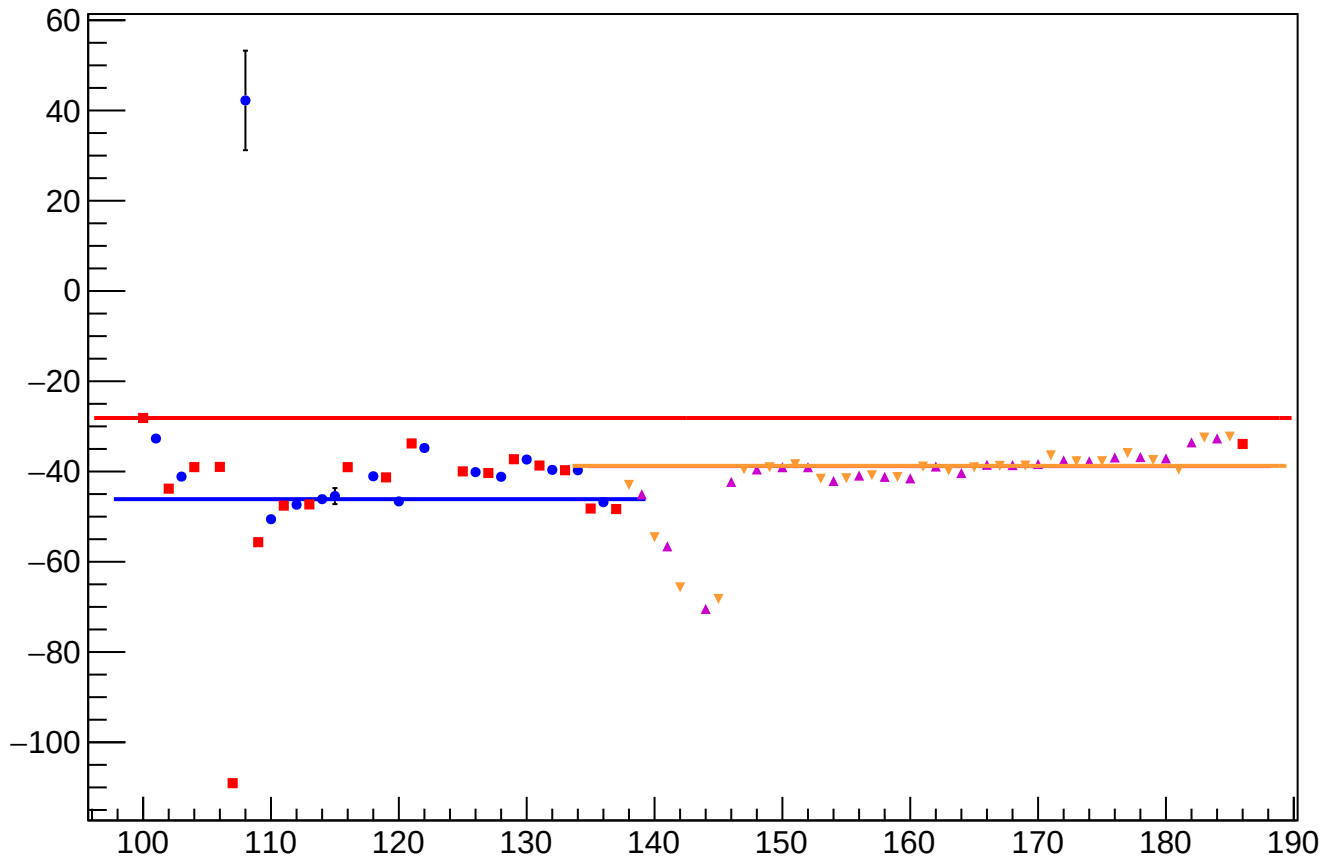
Left In: 183.362 $\pm$ 0.099 χ^2 /NDF: 155441.6/22

+ 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

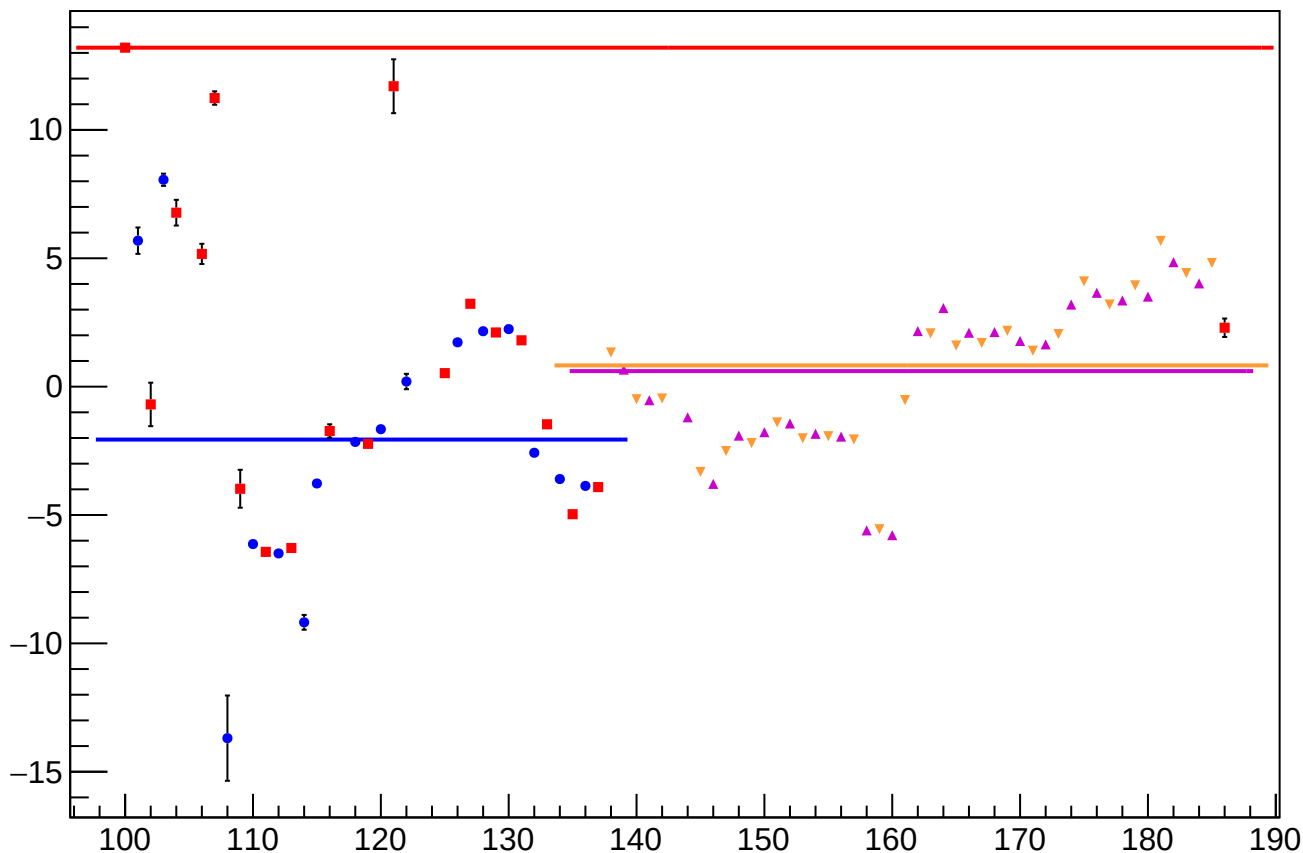
Left In: -38.794 ± 0.007 χ^2/NDF : 321993.9/22

+ 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

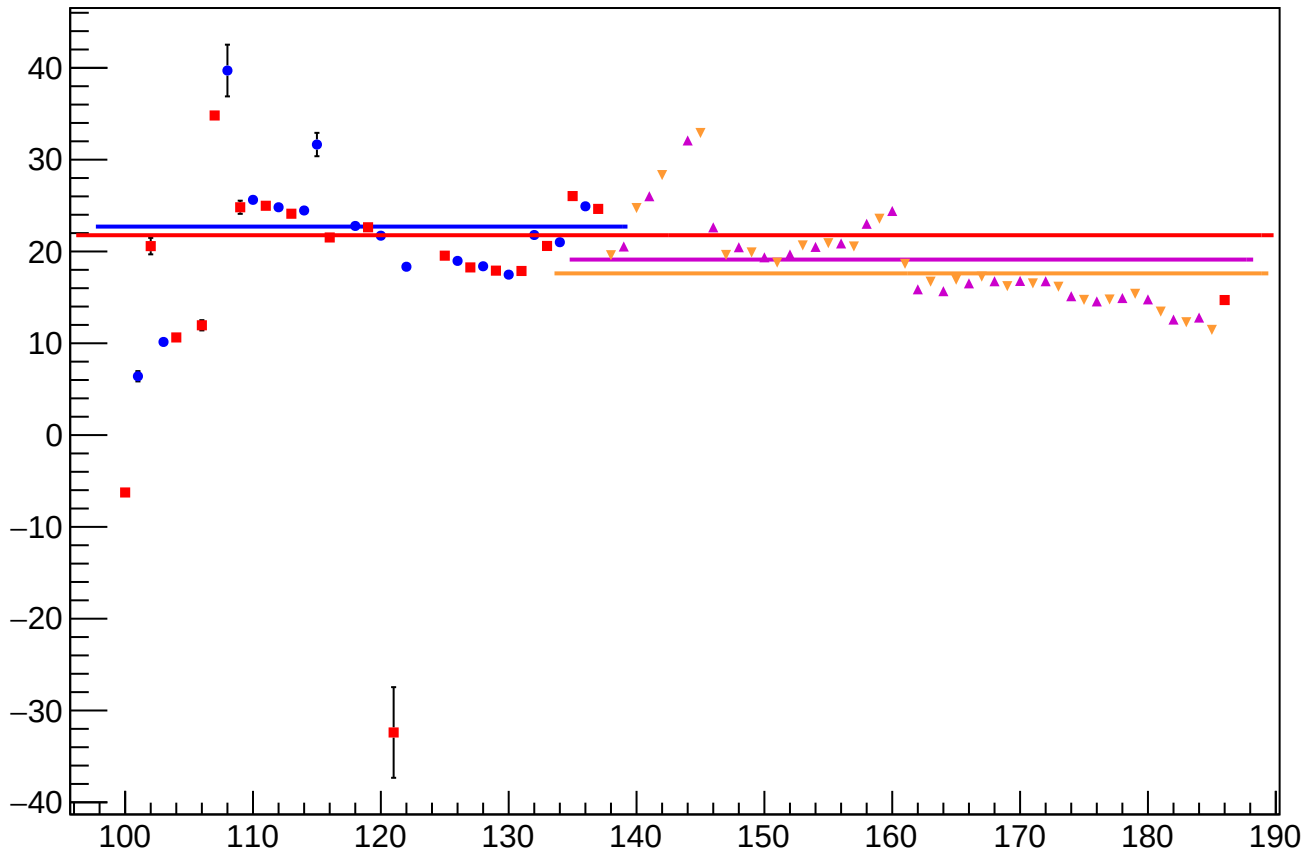
Left In: 0.606 ± 0.005 χ^2/NDF : 331282.7/22

+ 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

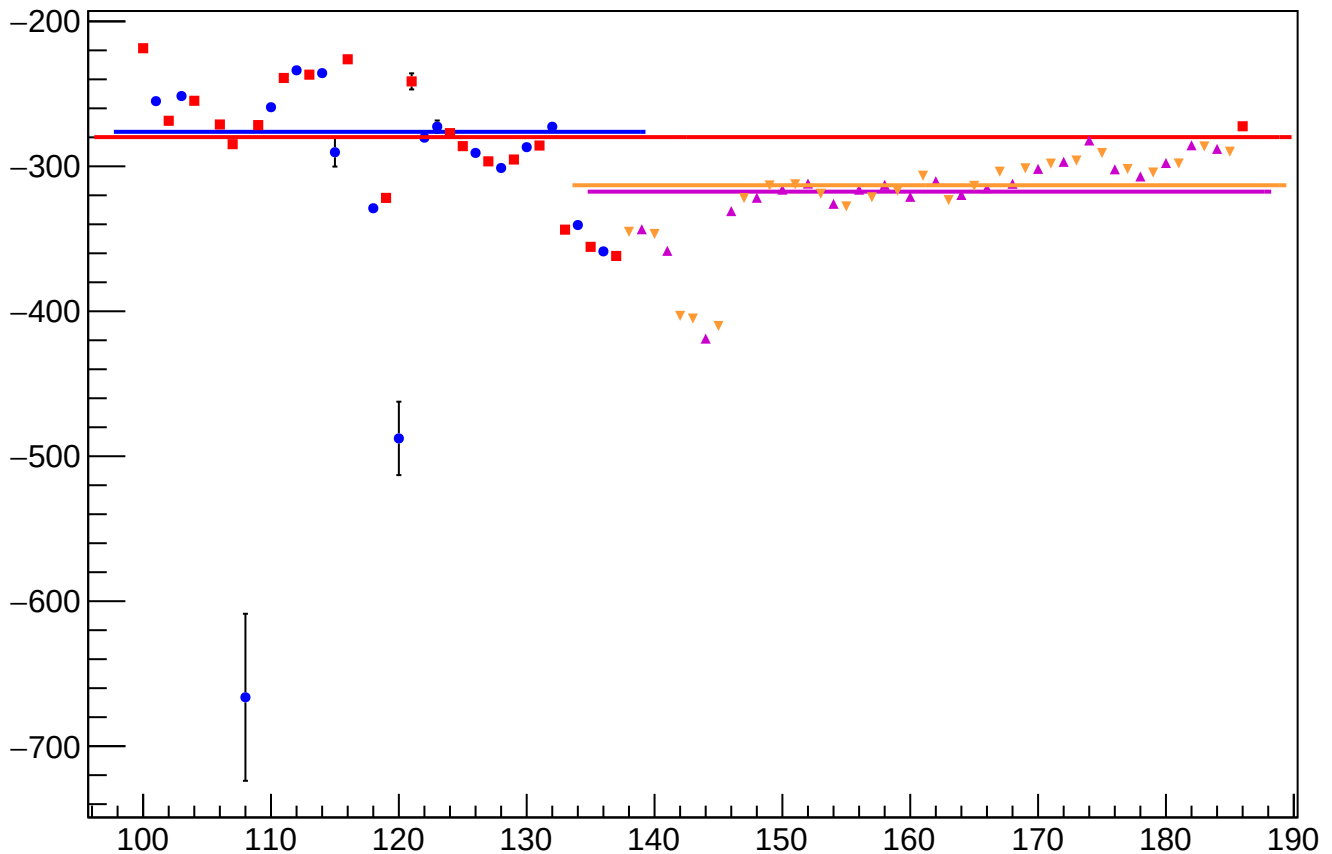
Left In: 19.117 $\pm$ 0.007 χ^2 /NDF: 229353.0/22

+ 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

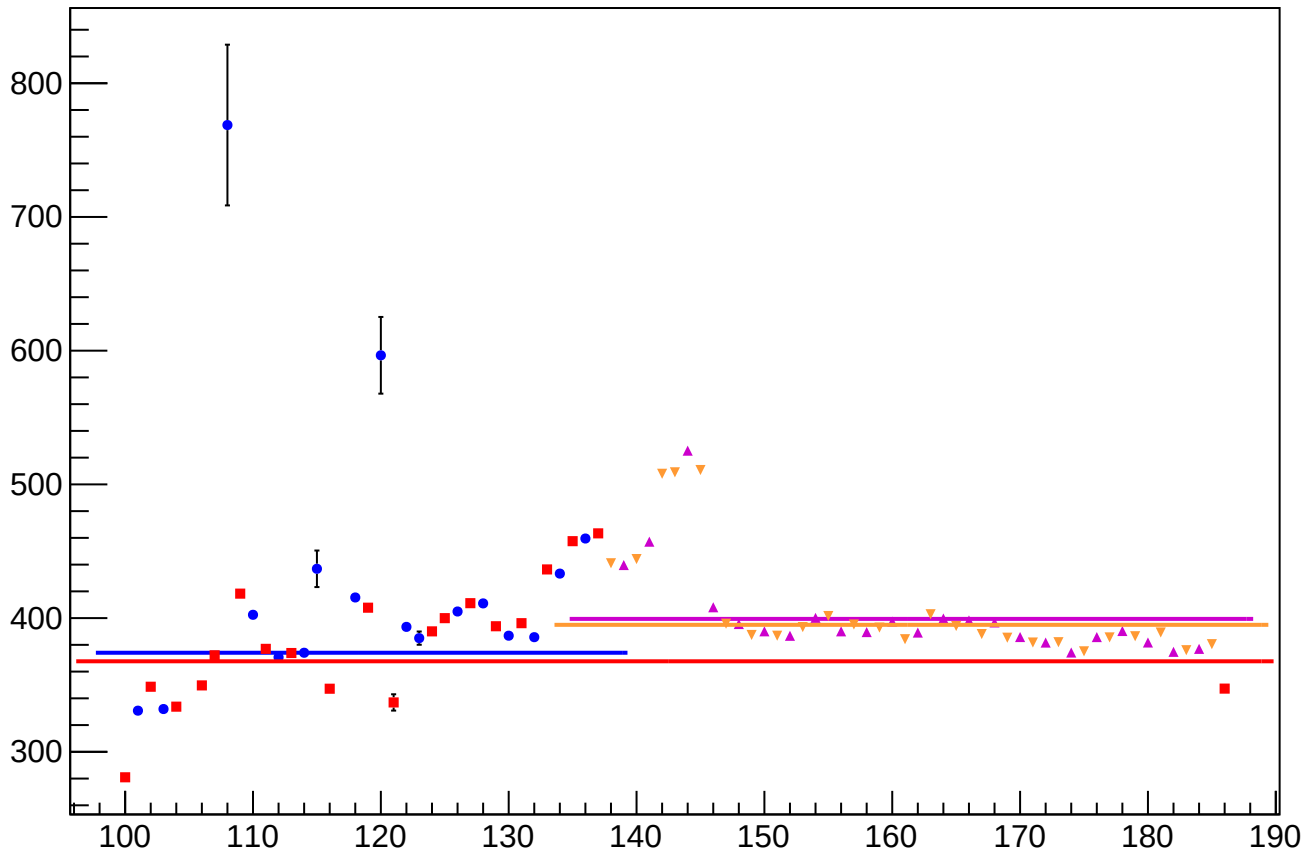
Left In: -317.471 ± 0.095 χ^2/NDF : 63067.6/22

+ 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

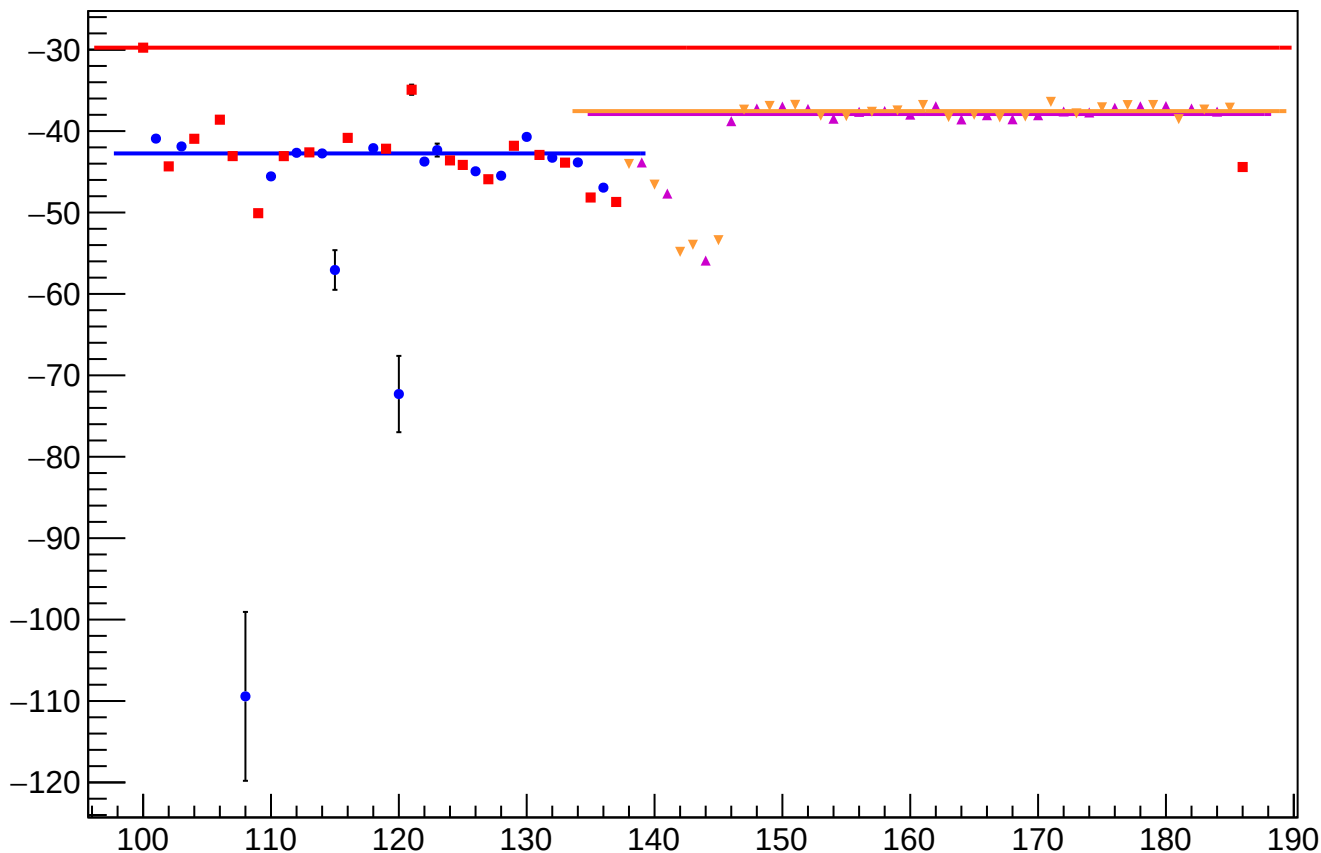
Left In: 399.410 $\pm$ 0.097 χ^2 /NDF: 77209.0/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -37.547 $\pm$ 0.004 χ^2 /NDF: 267131.7/24

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 512490.7/19

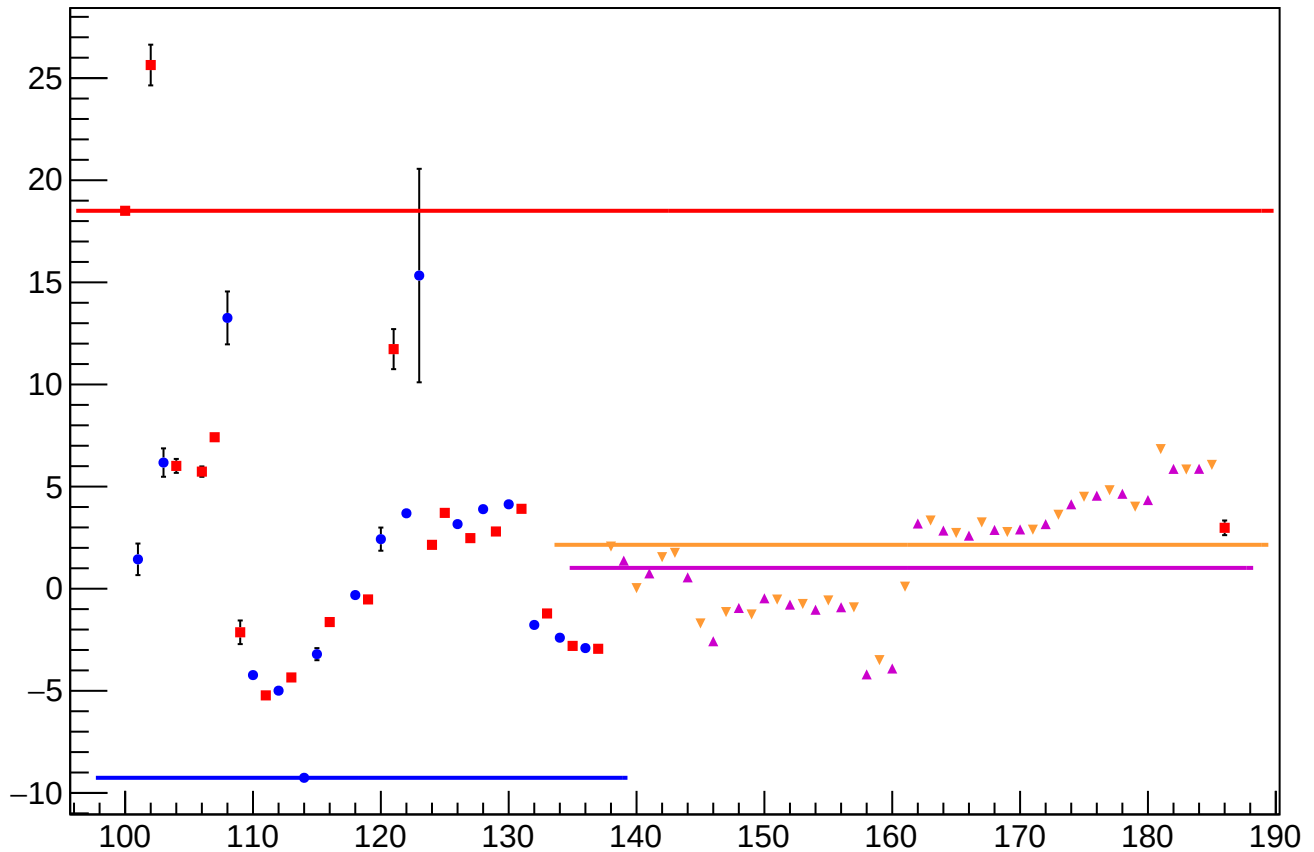
Left In: -37.903 $\pm$ 0.004 χ^2 /NDF: 156960.8/22

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 2115942.3/41

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

- sign -29.754 $\pm$ 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

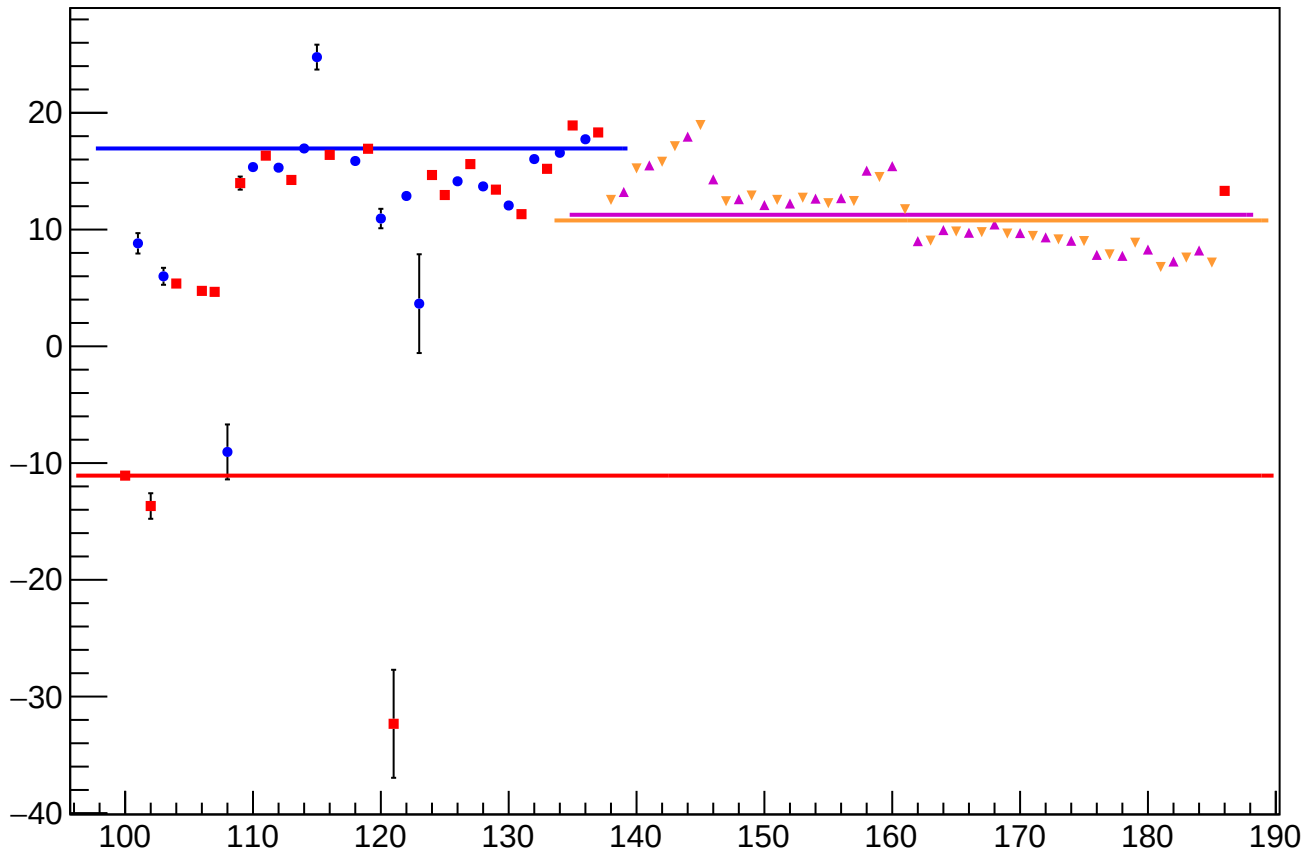
Left In: 1.019+/-0.006 χ^2/NDF : 250029.0/22

+ 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

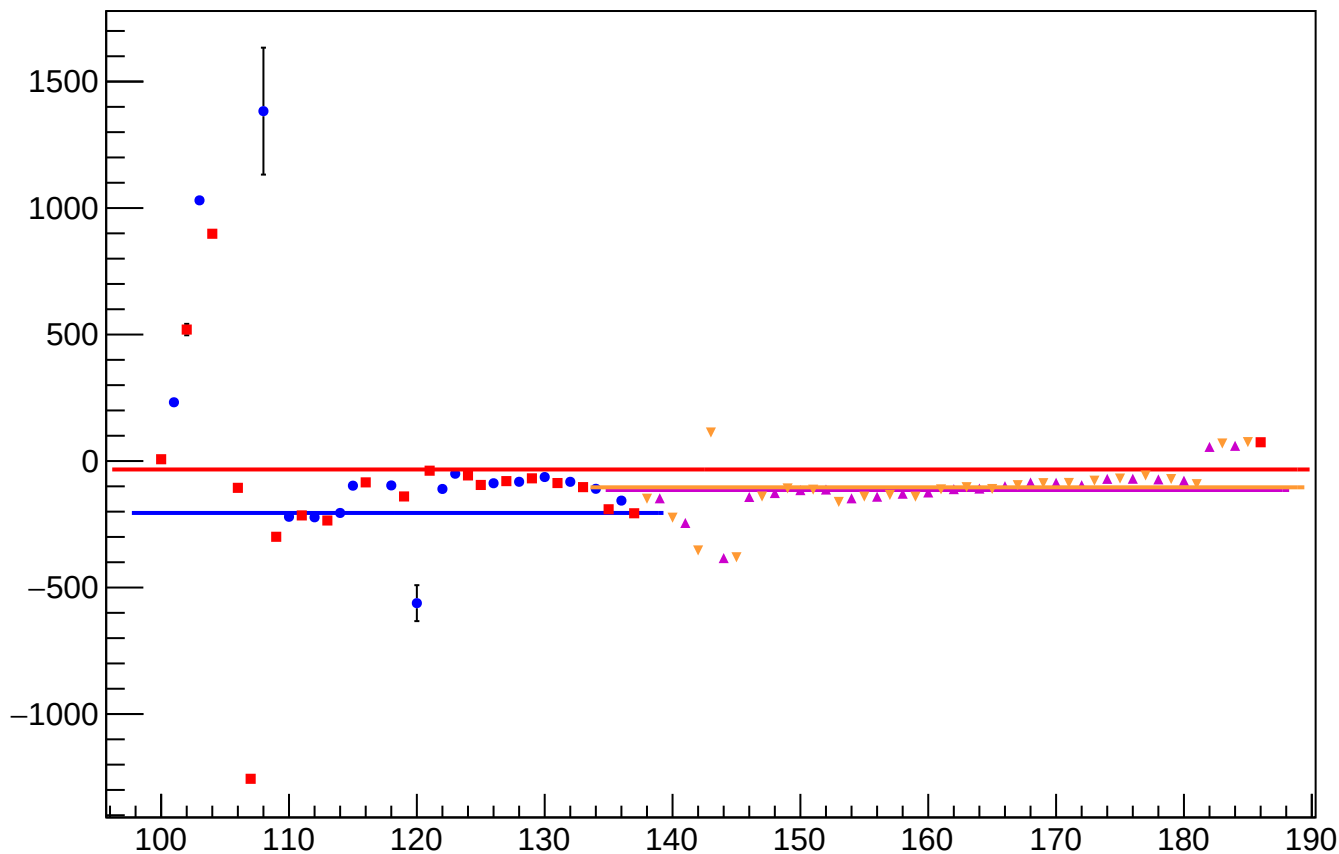
Left In: 11.267 $\pm$ 0.008 χ^2 /NDF:98438.0/22

+ 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 $\chi^2/\text{NDF}: 582775.6/16$

Left Out: -103.842 ± 0.192 $\chi^2/\text{NDF}: 94751.7/24$

Right Out: -33.326 ± 0.256 $\chi^2/\text{NDF}: 154884.3/19$

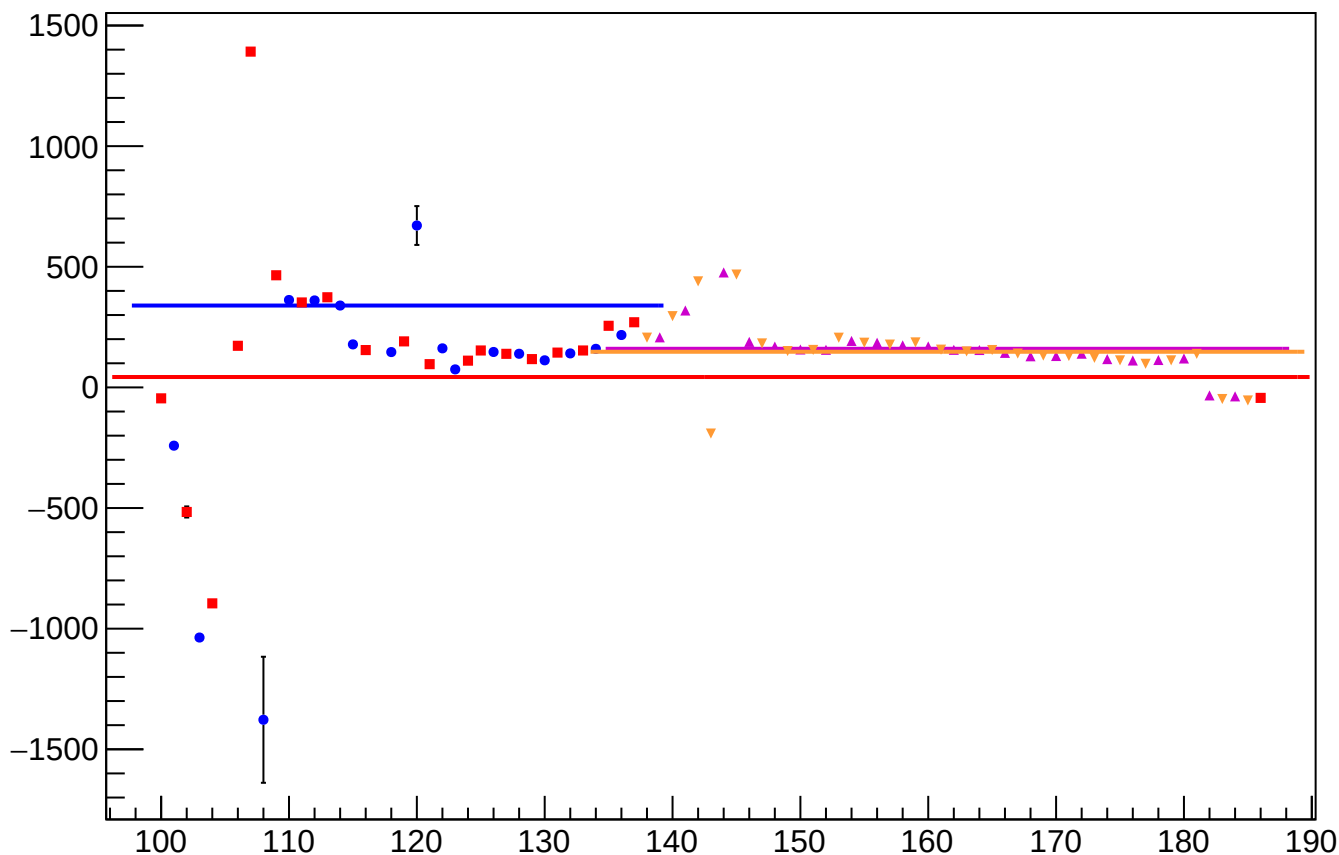
Left In: -114.444 ± 0.225 $\chi^2/\text{NDF}: 76837.7/22$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 956897.5/41$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1802533.0/84$

- sign -79.110 ± 0.169 $\chi^2/\text{NDF}: 288452.6/42$

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

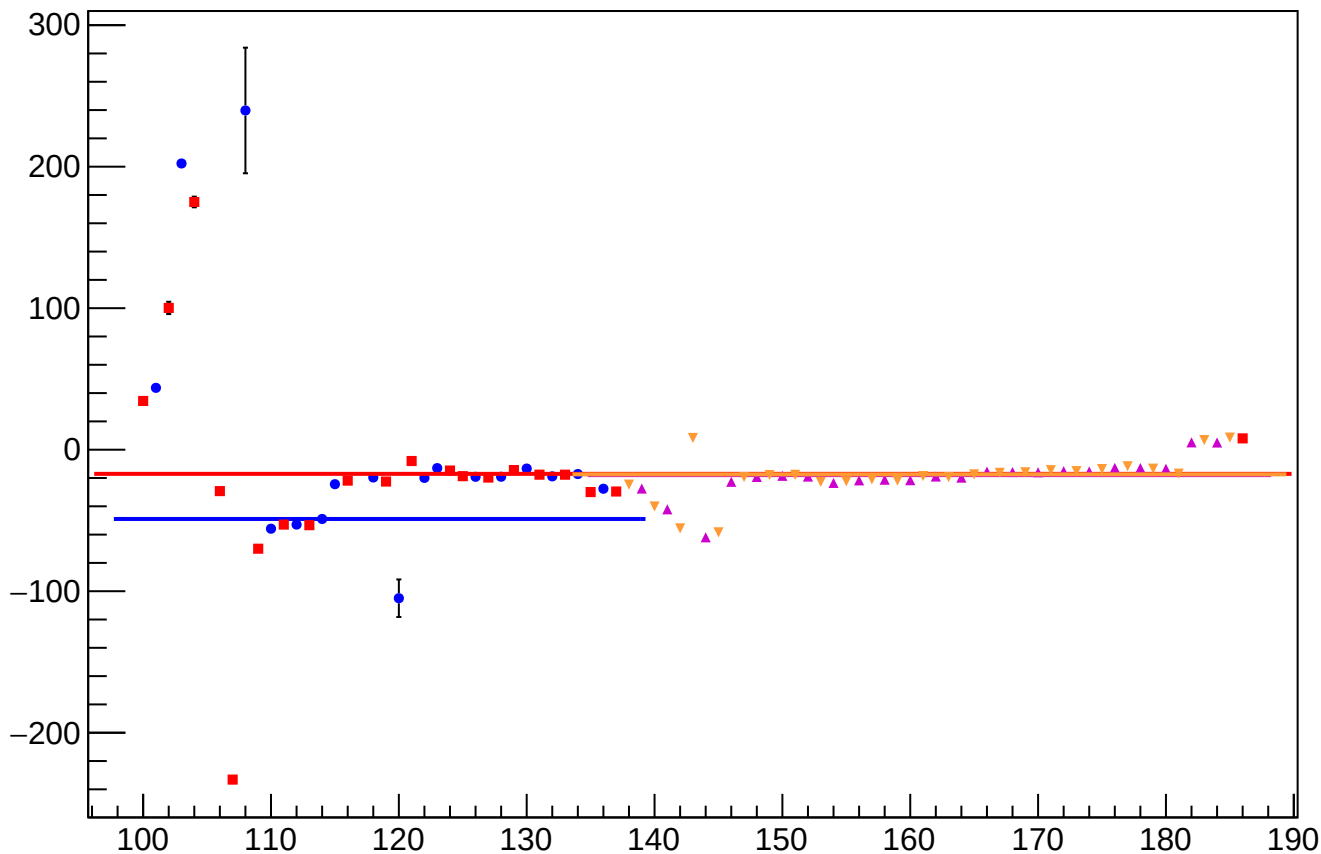
Left In: 160.049+/-0.230 χ^2/NDF :83579.0/22

+ 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 χ^2/NDF : 5408370.4/16

Left Out: -17.446 ± 0.010 χ^2/NDF : 714044.4/24

Right Out: -17.073 ± 0.044 χ^2/NDF : 303026.4/19

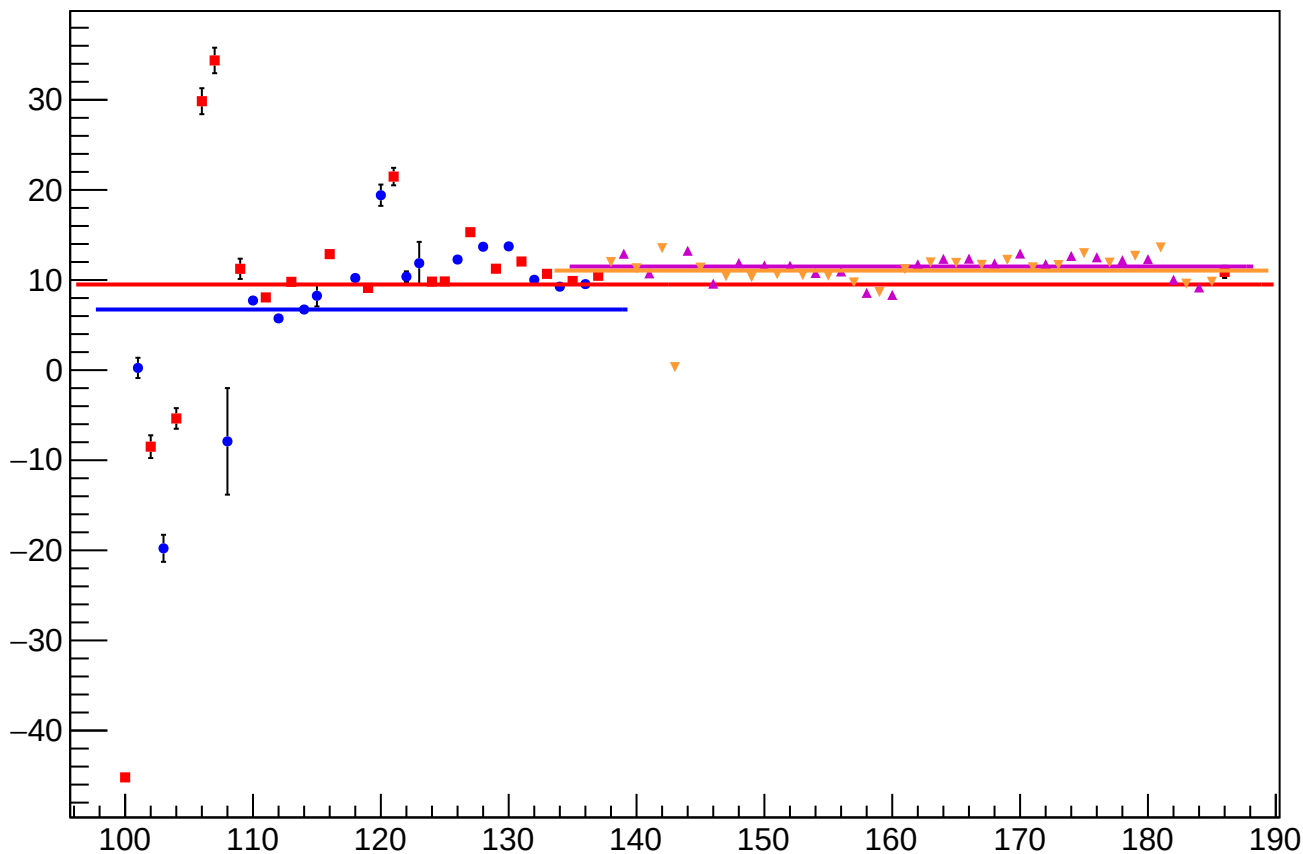
Left In: -17.951 ± 0.012 χ^2/NDF : 252123.1/22

+ sign -48.945 ± 0.000 χ^2/NDF : 16025853.7/41

All: -48.945 ± 0.000 χ^2/NDF : 23502848.3/84

- sign -17.886 ± 0.012 χ^2/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

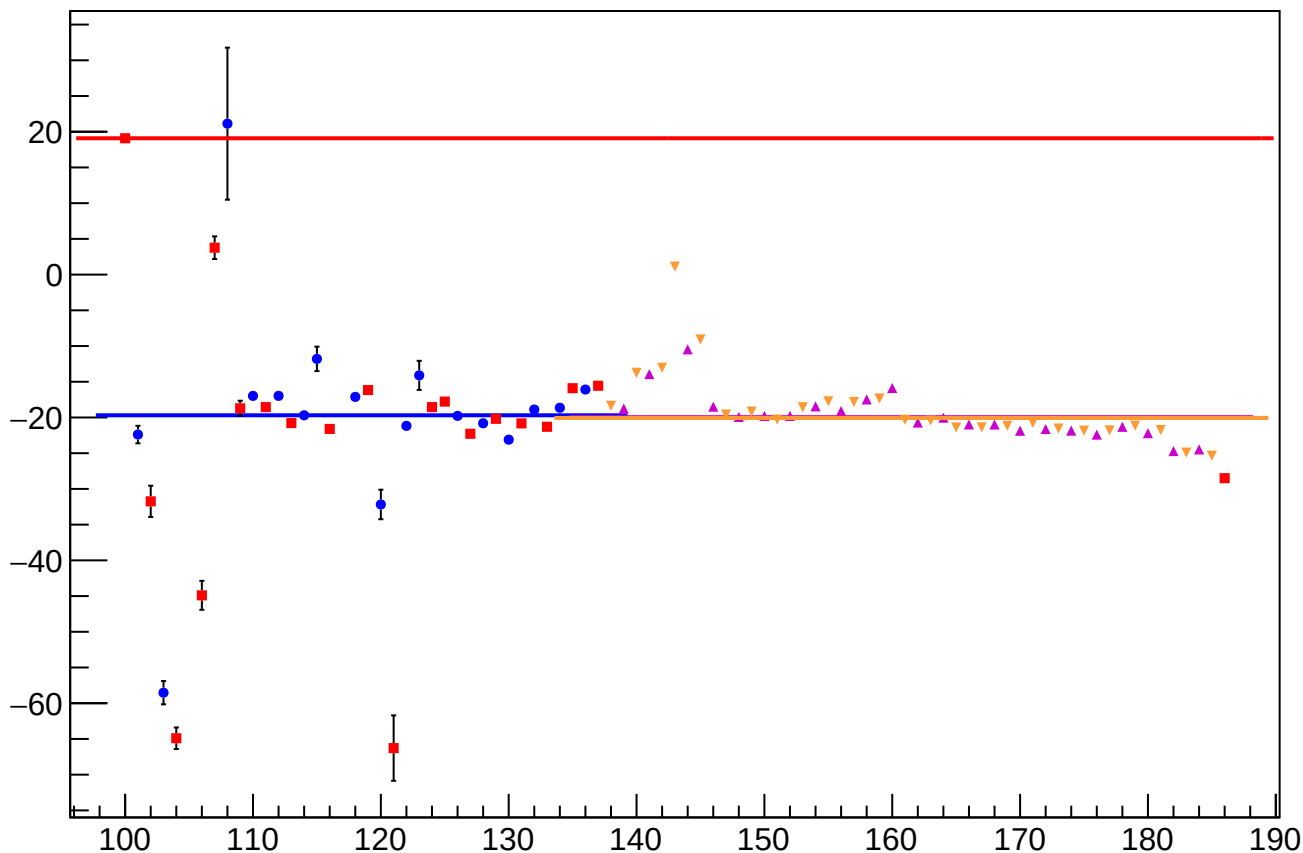
Left In: 11.498 ± 0.010 χ^2/NDF : 15848.8/22

+ 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

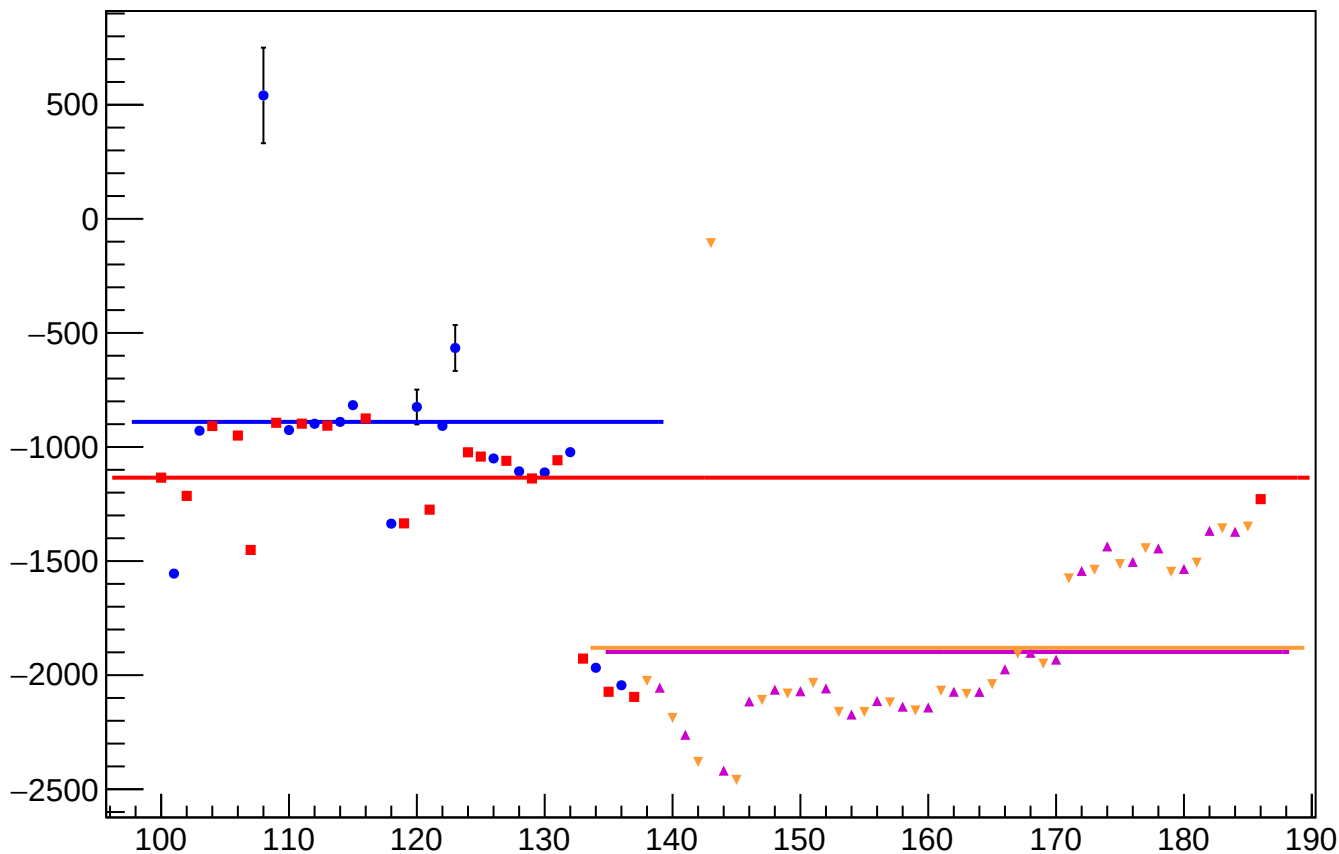
Left In: -19.955 ± 0.015 χ^2/NDF : 22657.6/22

+ sign -19.693 ± 0.000 χ^2/NDF : 79766.9/41

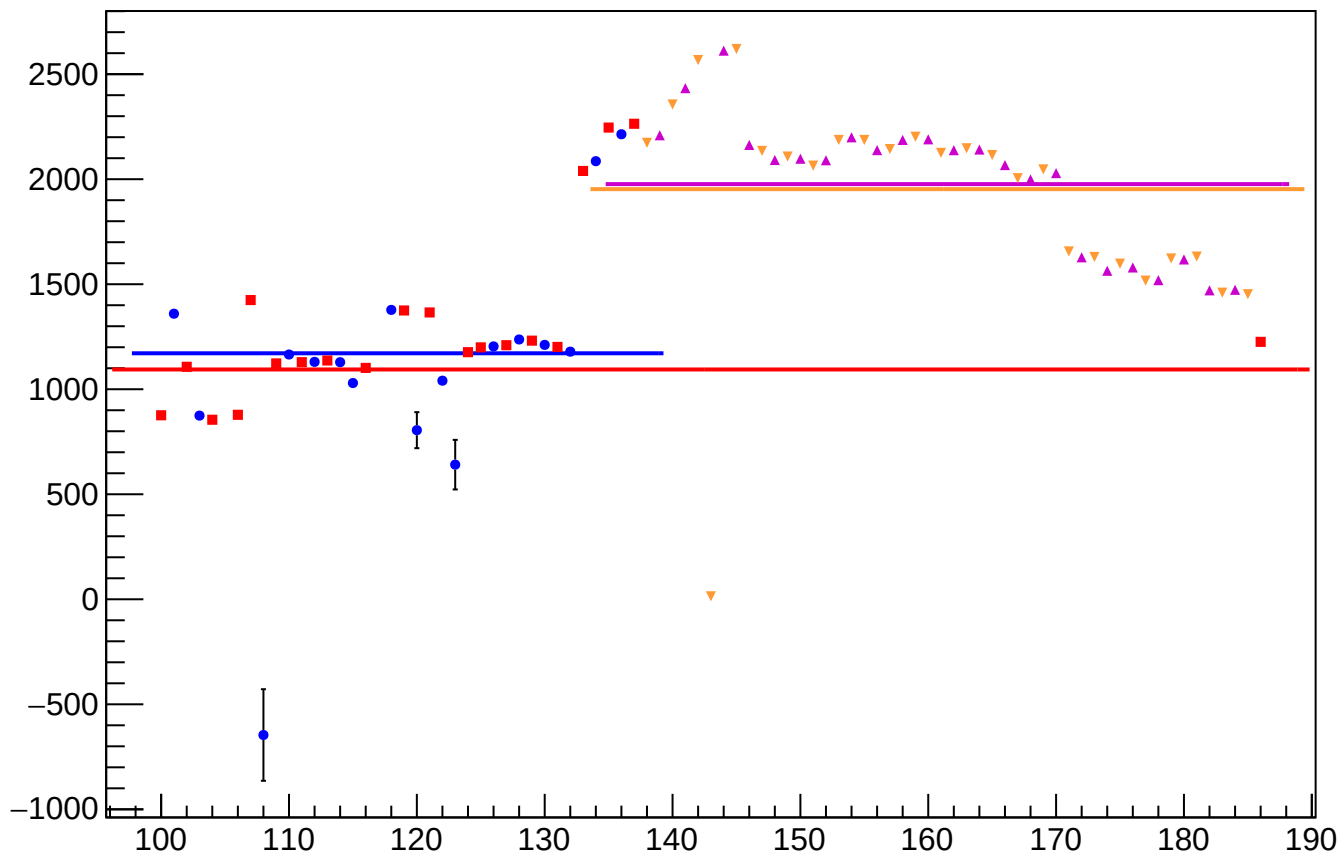
All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- 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

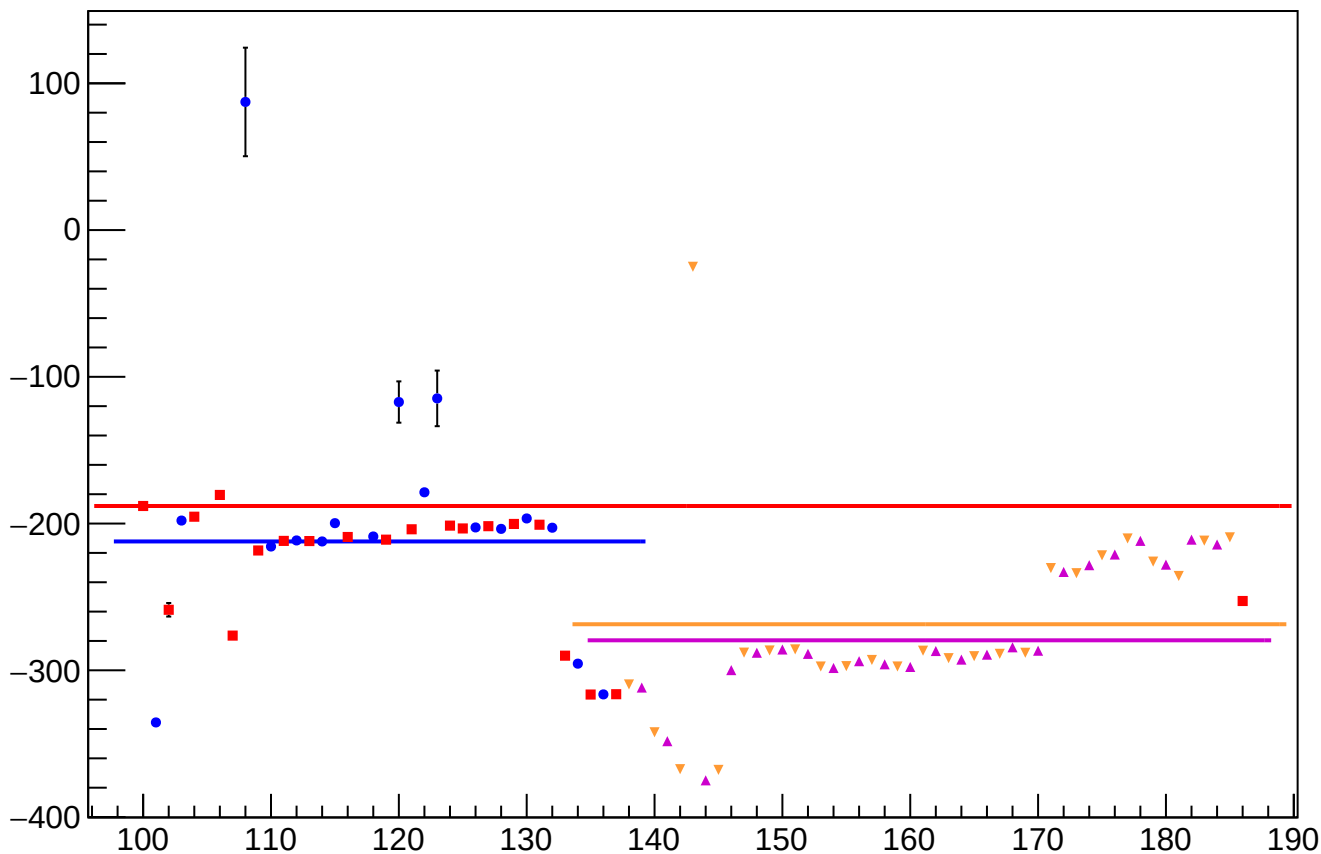
Left In: 1976.603 $\pm$ 0.367 χ^2 /NDF: 625684.0/22

+ 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 $\chi^2/\text{NDF}: 751891.1/19$

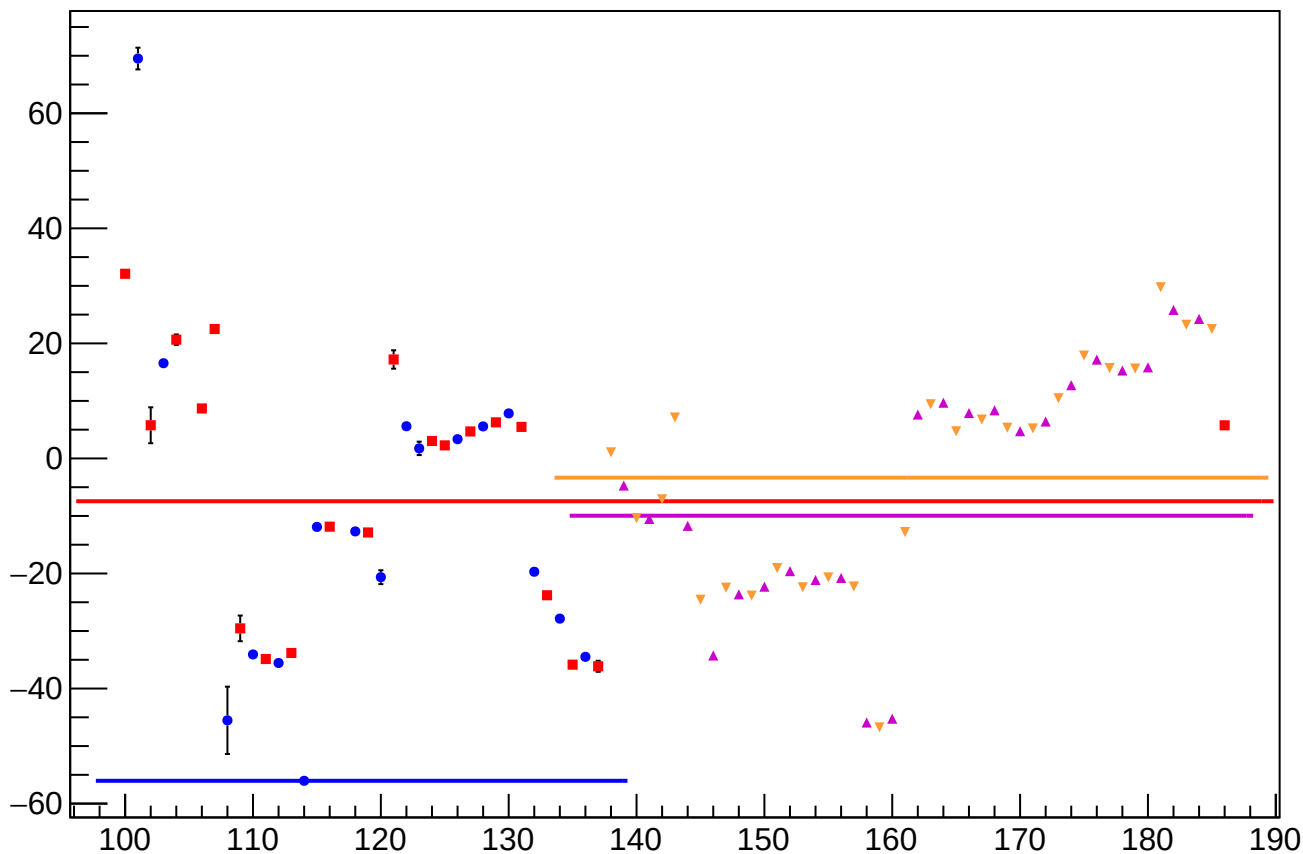
Left In: -279.563 ± 0.022 $\chi^2/\text{NDF}: 2298119.7/22$

+ 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

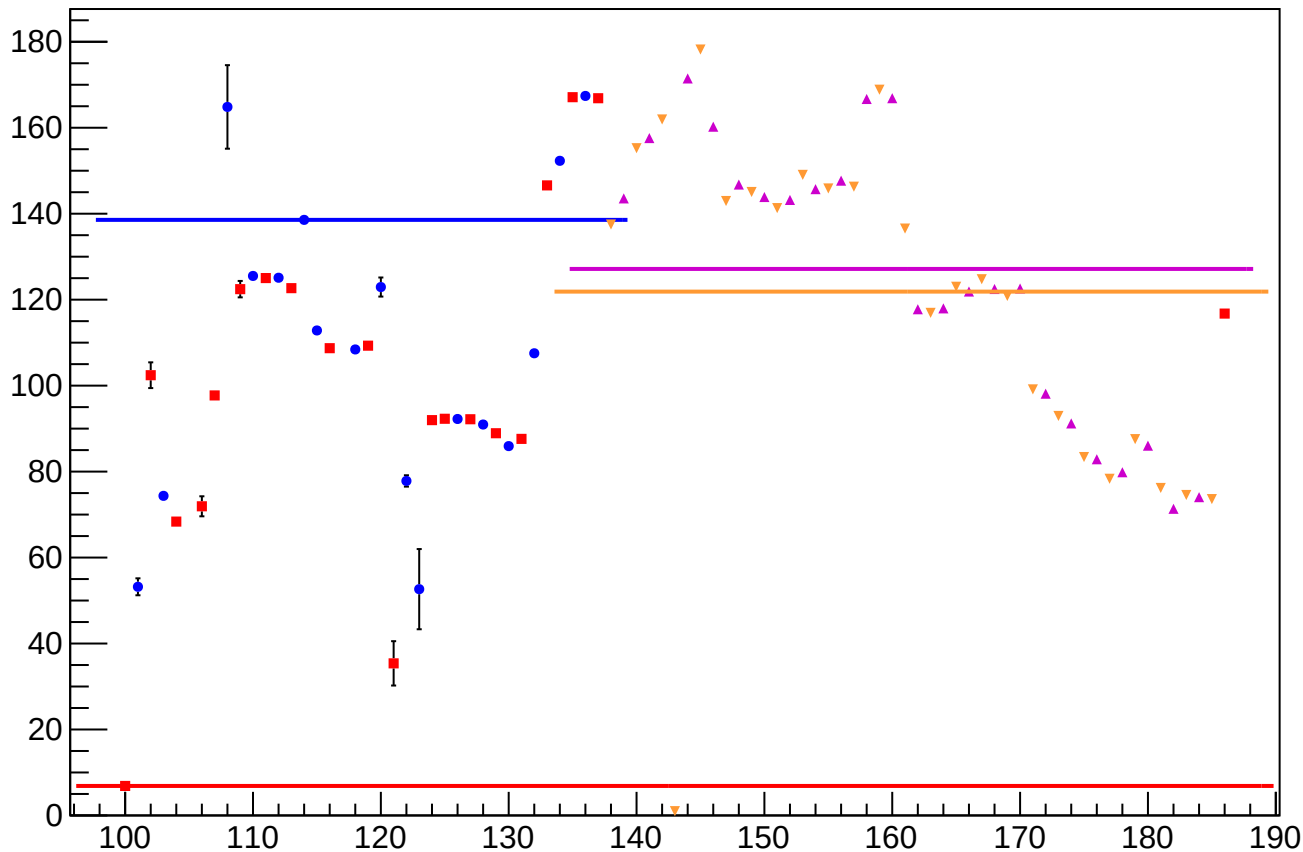
Left In: -9.956 ± 0.018 χ^2/NDF : 1689839.0/22

+ 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

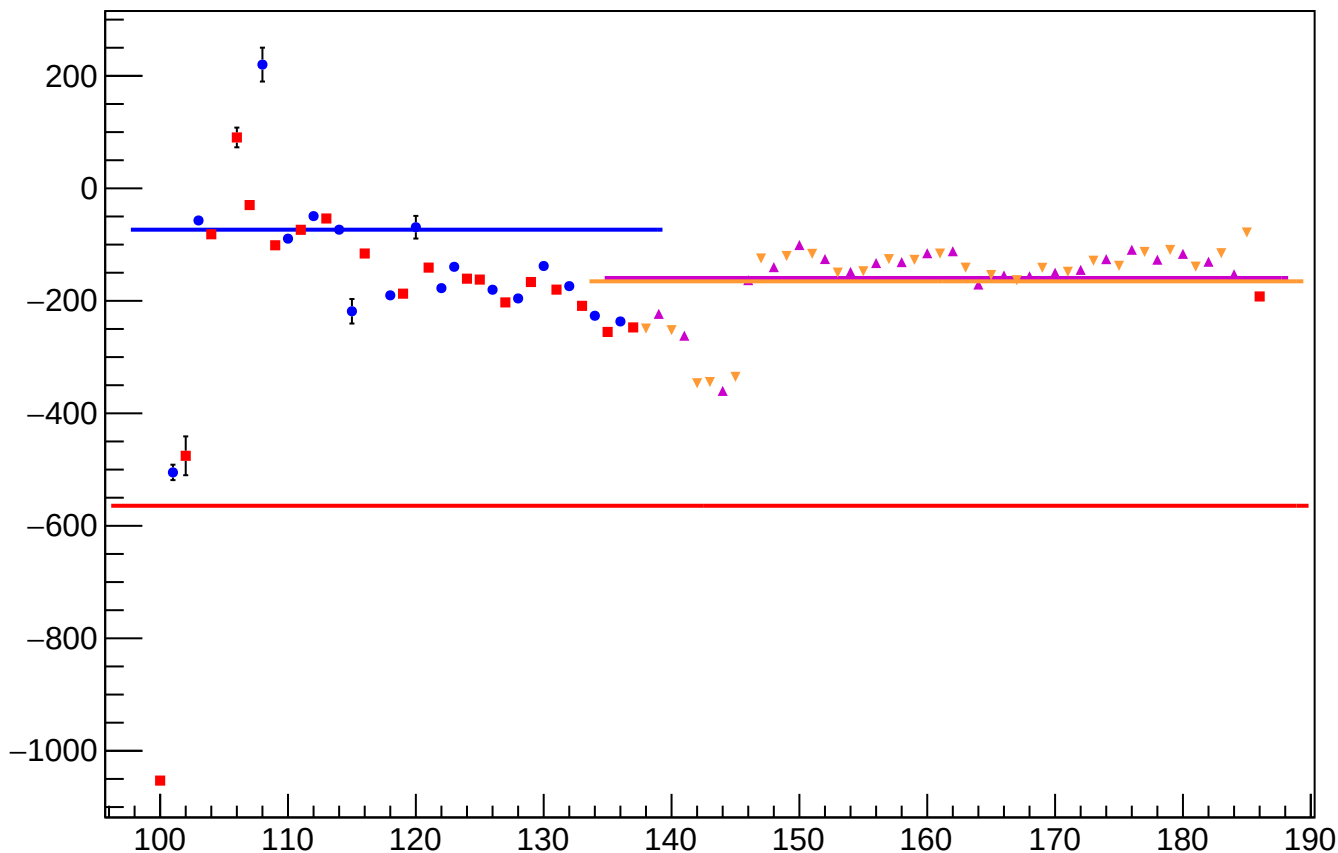
Left In: 127.150 $\pm$ 0.026 χ^2 /NDF:1340248.6/22

+ 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

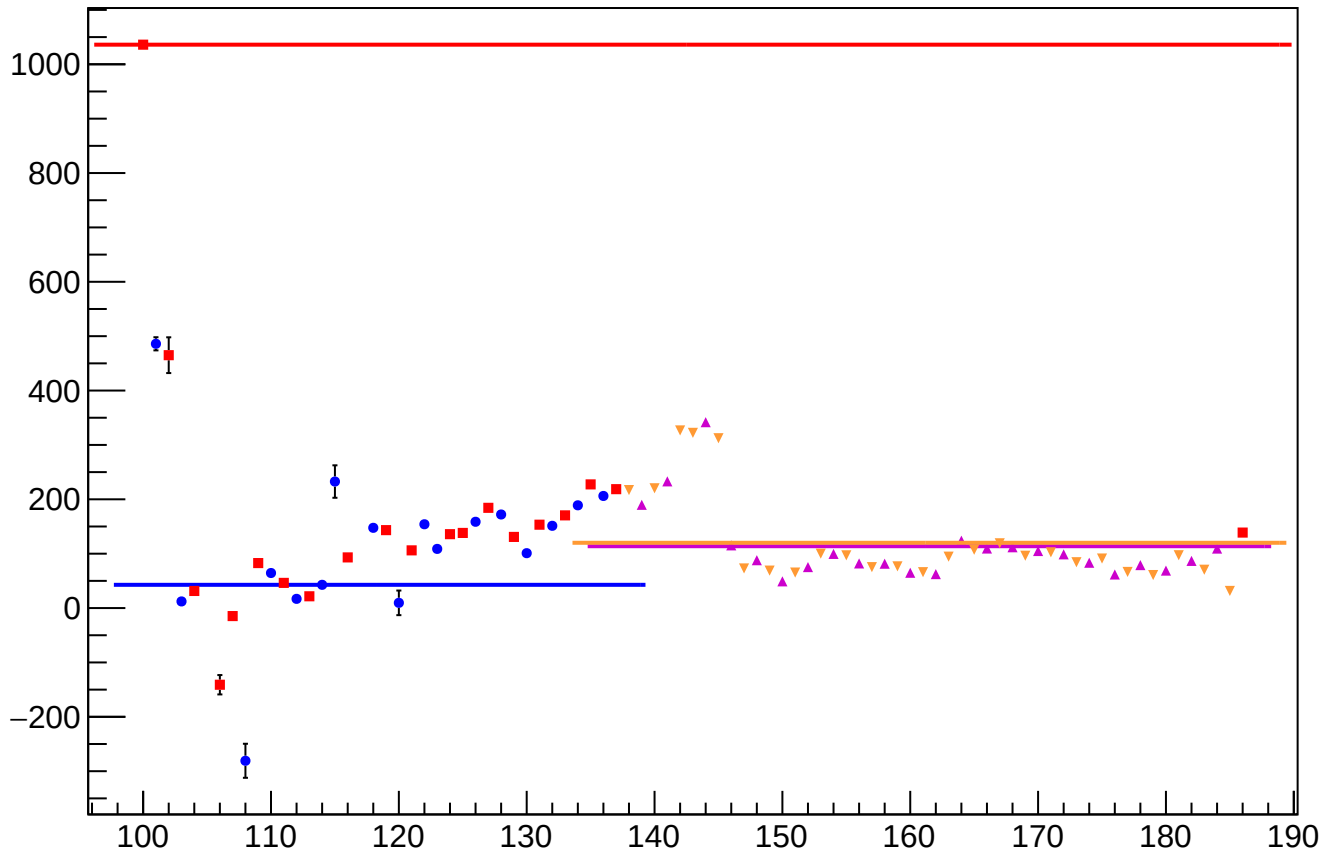
Left In: -159.346 $\pm$ 0.239 χ^2 /NDF: 73885.5/22

+ 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

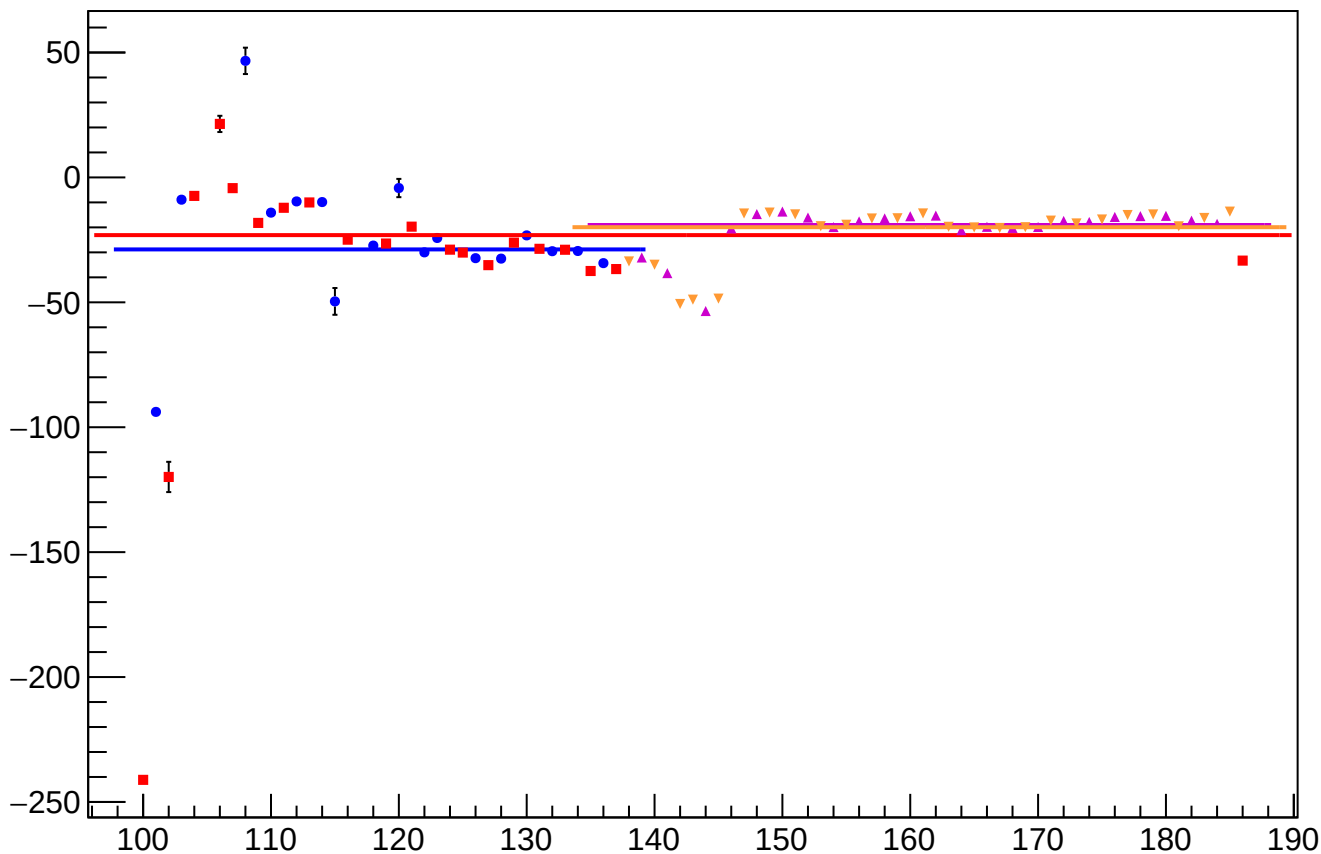
Left In: 113.733+/-0.246 χ^2/NDF : 81886.4/22

+ 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 $\chi^2/\text{NDF}: 413020.7/19$

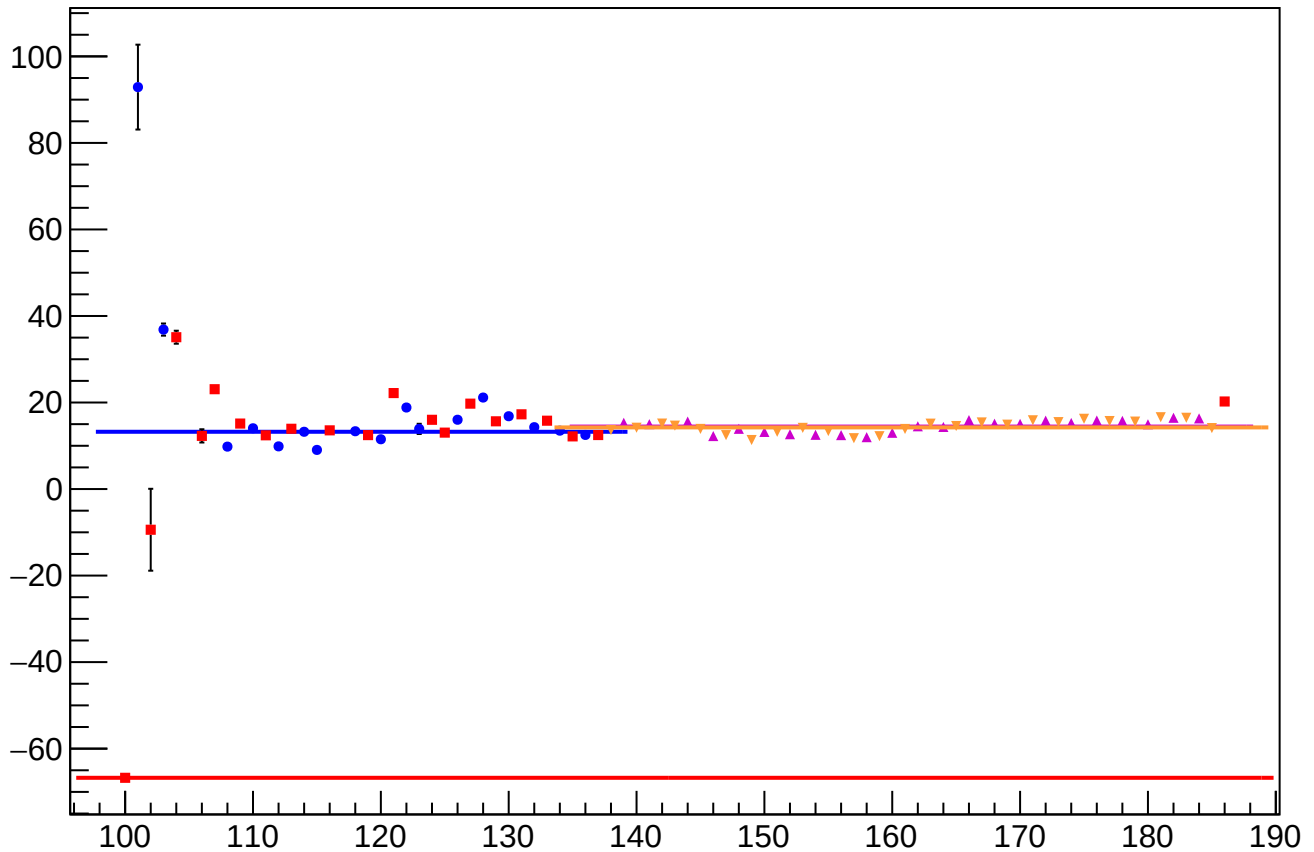
Left In: -19.047 ± 0.014 $\chi^2/\text{NDF}: 214747.8/22$

+ 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

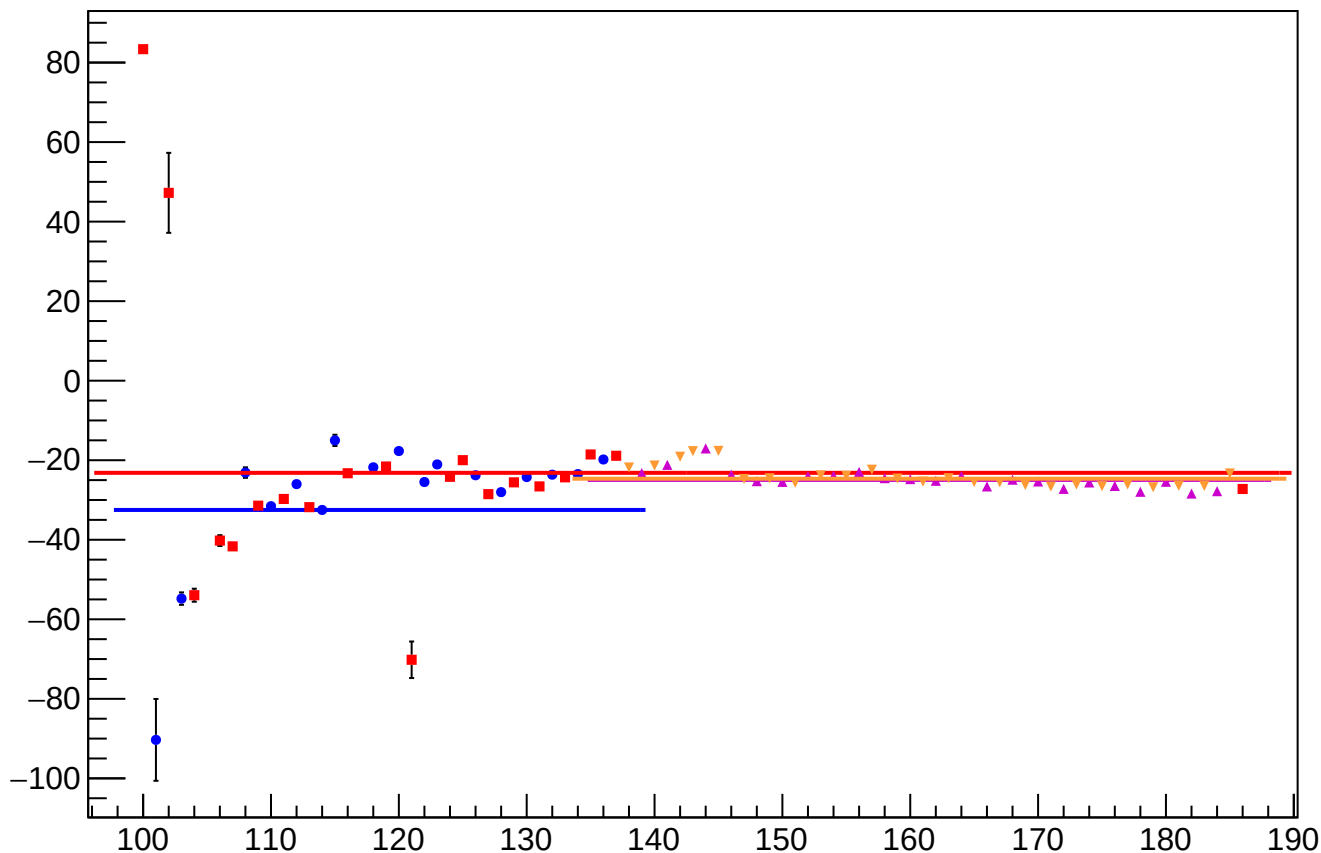
Left In: 14.441 $\pm$ 0.012 χ^2 /NDF: 12955.9/22

+ 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

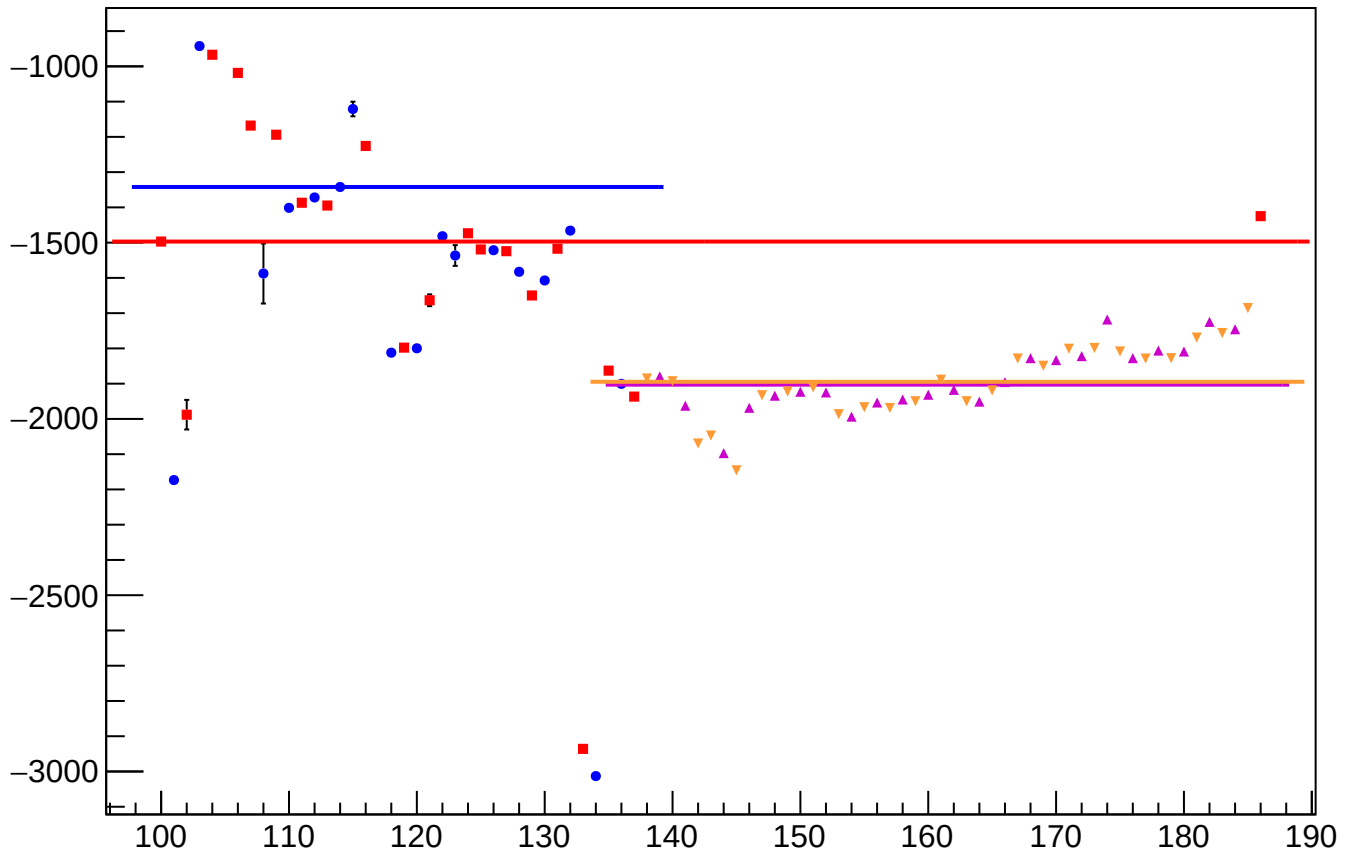
Left In: -24.948 $\pm$ 0.015 χ^2 /NDF: 14049.6/22

+ 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



Right In: -1342.107 $\pm$ 0.000 χ^2 /NDF: 370901.4/16

Left Out: -1894.646 $\pm$ 0.318 χ^2 /NDF: 67387.8/24

Right Out: -1496.932 $\pm$ 0.000 χ^2 /NDF: 506306.0/19

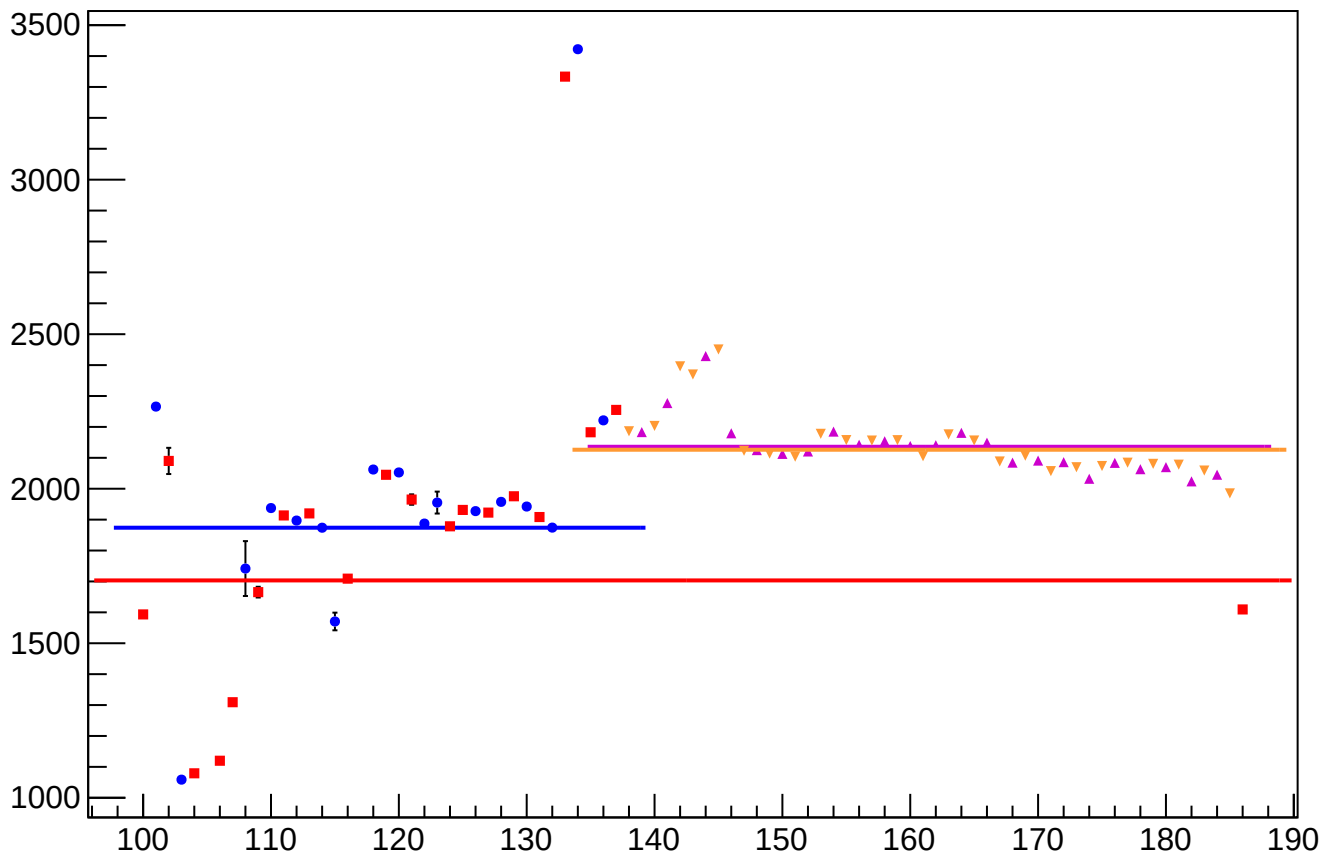
Left In: -1902.803 $\pm$ 0.289 χ^2 /NDF: 69208.9/22

+ sign -1342.107 $\pm$ 0.000 χ^2 /NDF: 3461585.6/41

All: -1396.751 $\pm$ 0.000 χ^2 /NDF: 1800086126

- sign -1496.932 $\pm$ 0.000 χ^2 /NDF: 2550999.7/42

dit_atr2_4eX_slope vs Slug



Right In: 1873.852 $\pm$ 0.000 χ^2 /NDF: 201563.9/16

Left Out: 2126.160 $\pm$ 0.317 χ^2 /NDF: 48244.0/24

Right Out: 1703.303 $\pm$ 0.297 χ^2 /NDF: 841595.4/19

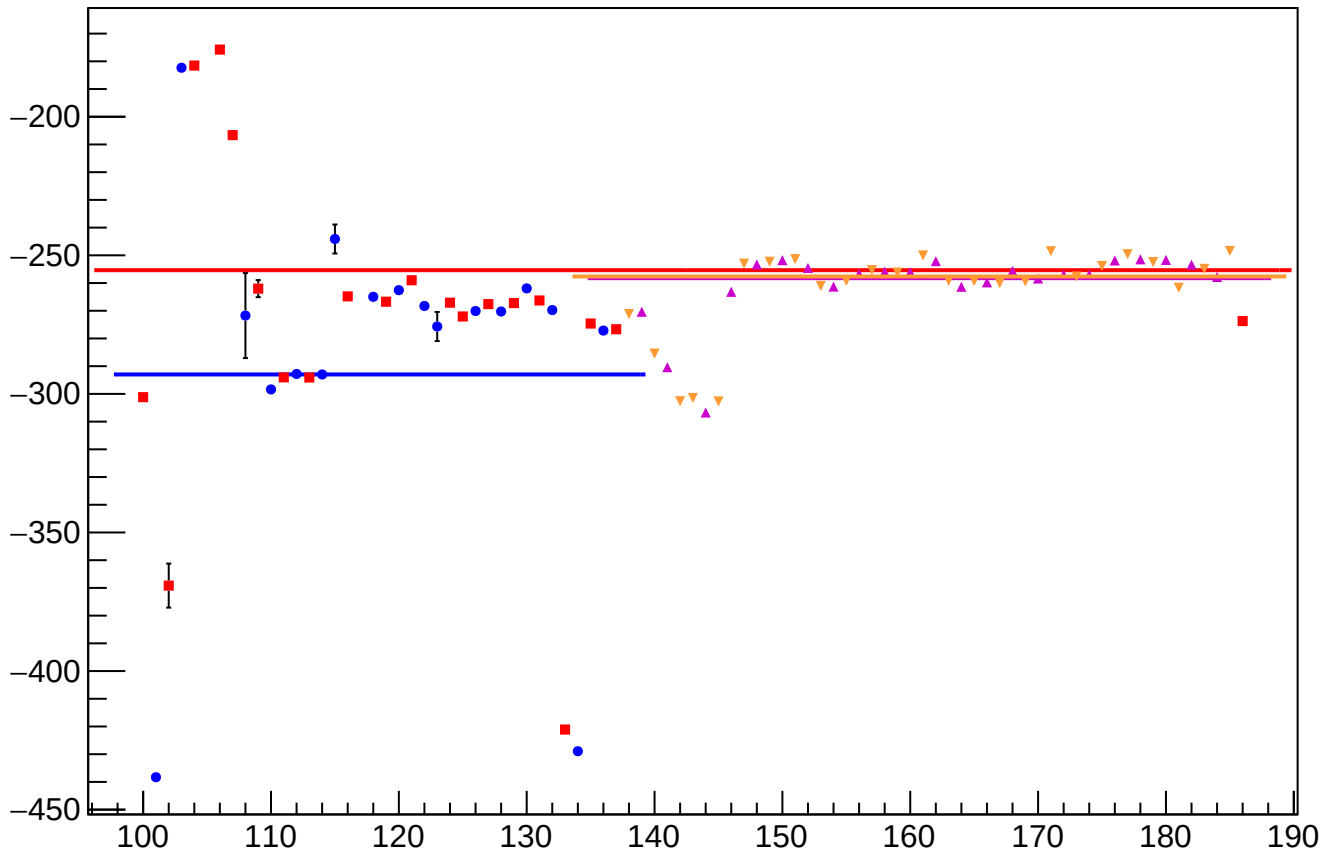
Left In: 2135.770 $\pm$ 0.290 χ^2 /NDF: 58031.3/22

+ sign 1873.852 $\pm$ 0.000 χ^2 /NDF: 882175.6/41

All: 1873.852 $\pm$ 0.000 χ^2 /NDF: 2929981.0/84

- sign 1925.061 $\pm$ 0.207 χ^2 /NDF: 1986791.6/42

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -257.631 ± 0.020 $\chi^2/\text{NDF}: 226942.0/24$

+ sign -292.986 ± 0.000 $\chi^2/\text{NDF}: 4412520.1/41$

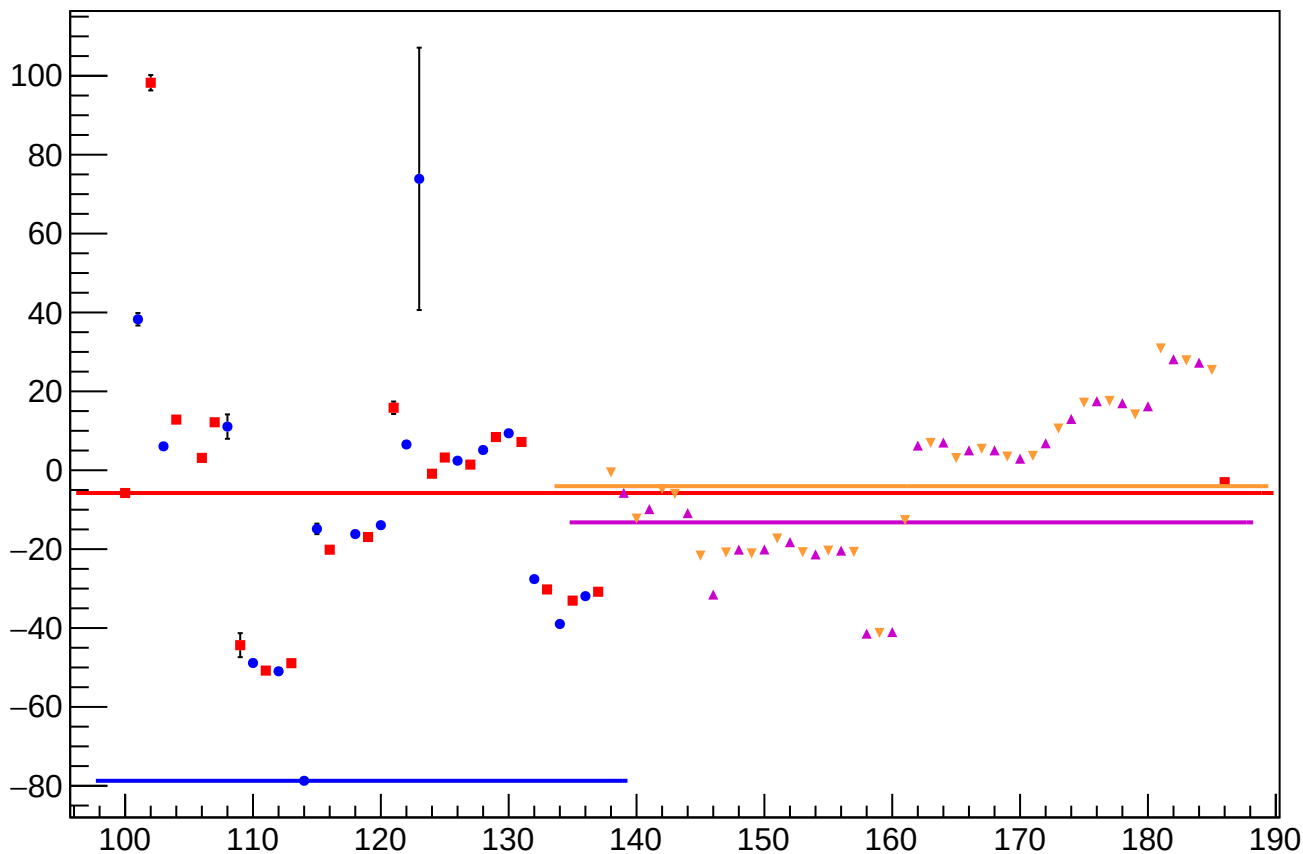
Right Out: -255.366 ± 0.057 $\chi^2/\text{NDF}: 509680.7/19$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 9571229.3/84$

- sign -257.994 ± 0.017 $\chi^2/\text{NDF}: 780185.1/42$

Left In: -258.240 ± 0.017 $\chi^2/\text{NDF}: 268186.3/22$

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

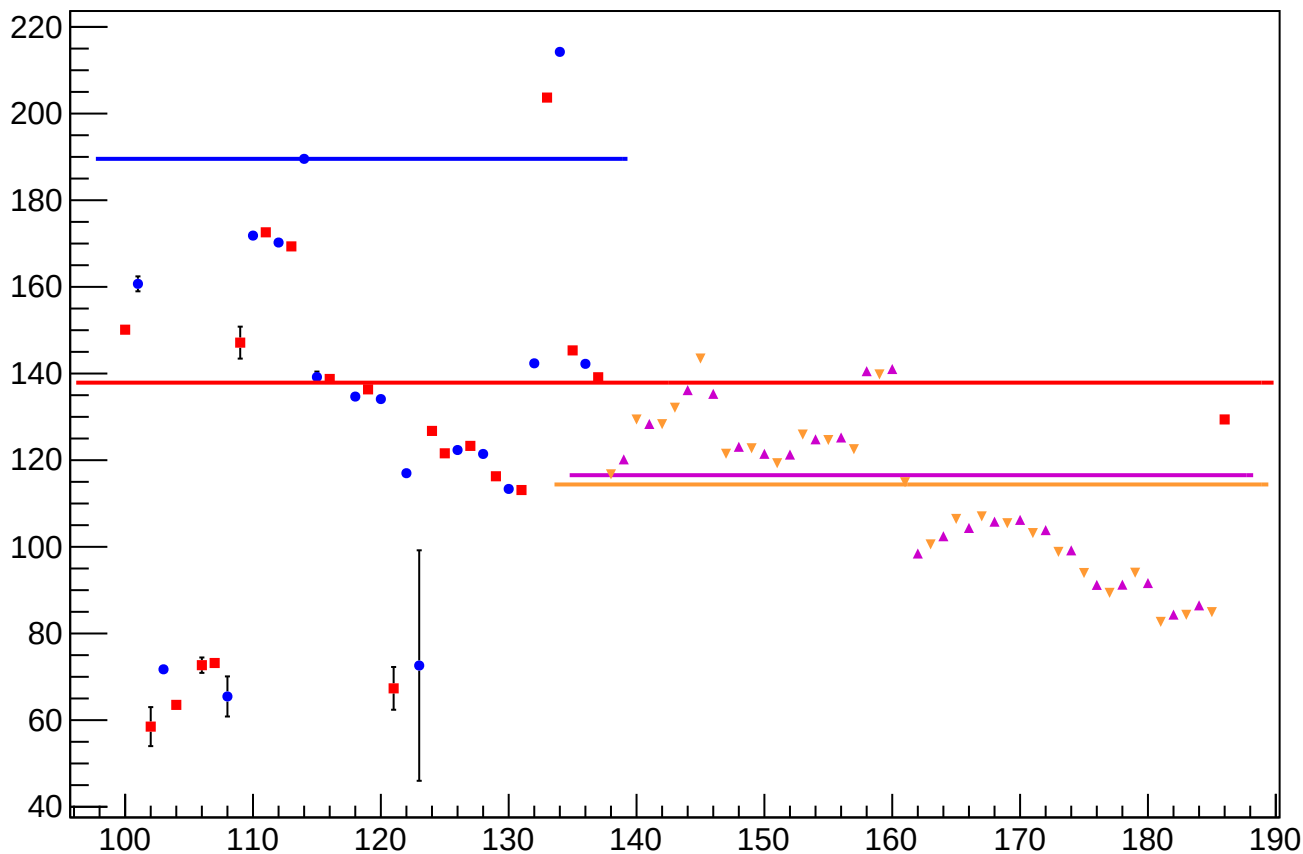
Left In: -13.213+/-0.017 χ^2/NDF :1356033.4/22

+ 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

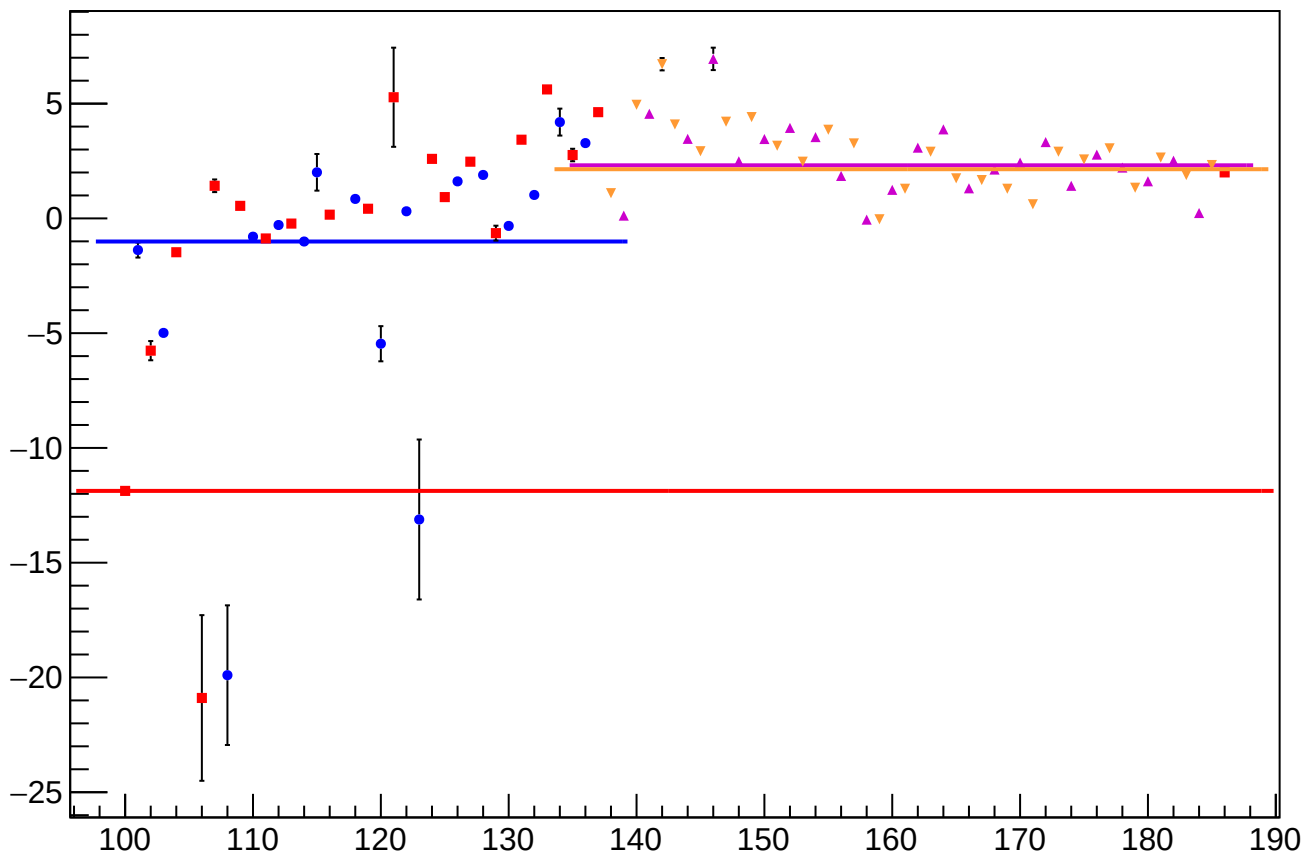
Left In: 116.538 $\pm$ 0.024 χ^2 /NDF: 458128.6/22

+ 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

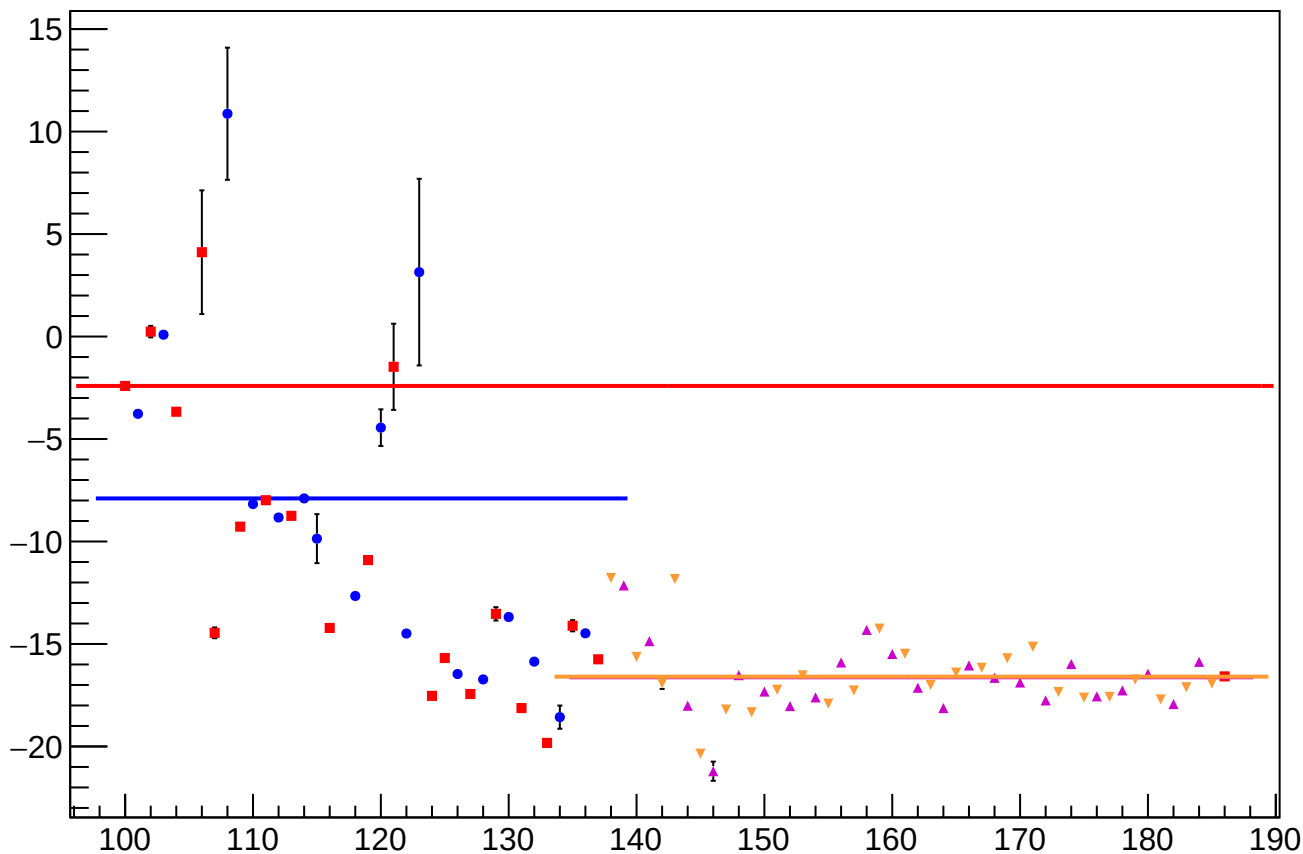
Left In: 2.313 ± 0.014 χ^2/NDF : 7446.3/22

+ 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

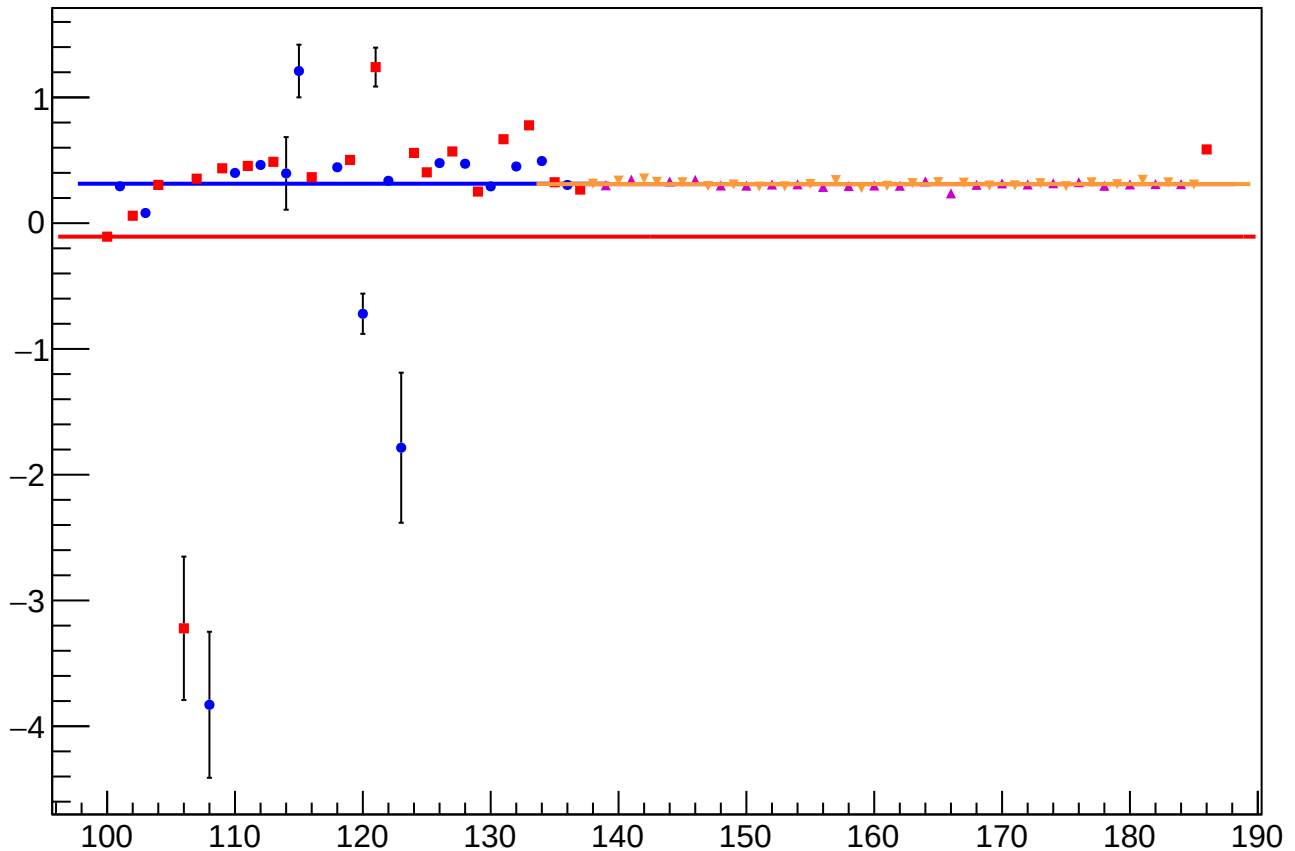
Left In: -16.625 ± 0.015 χ^2/NDF : 6289.5/22

+ 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

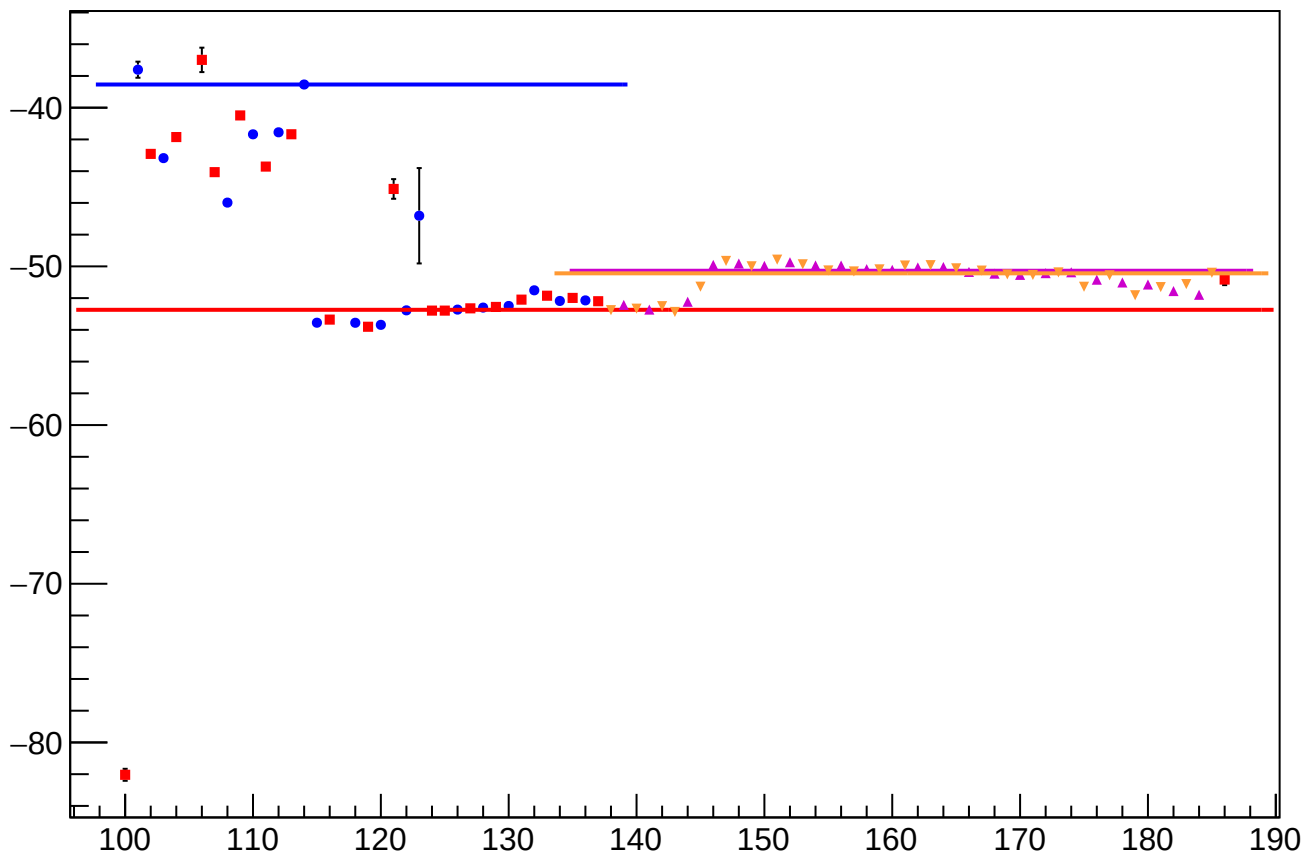
Left In: 0.310 ± 0.000 χ^2/NDF : 3074.6/22

+ 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

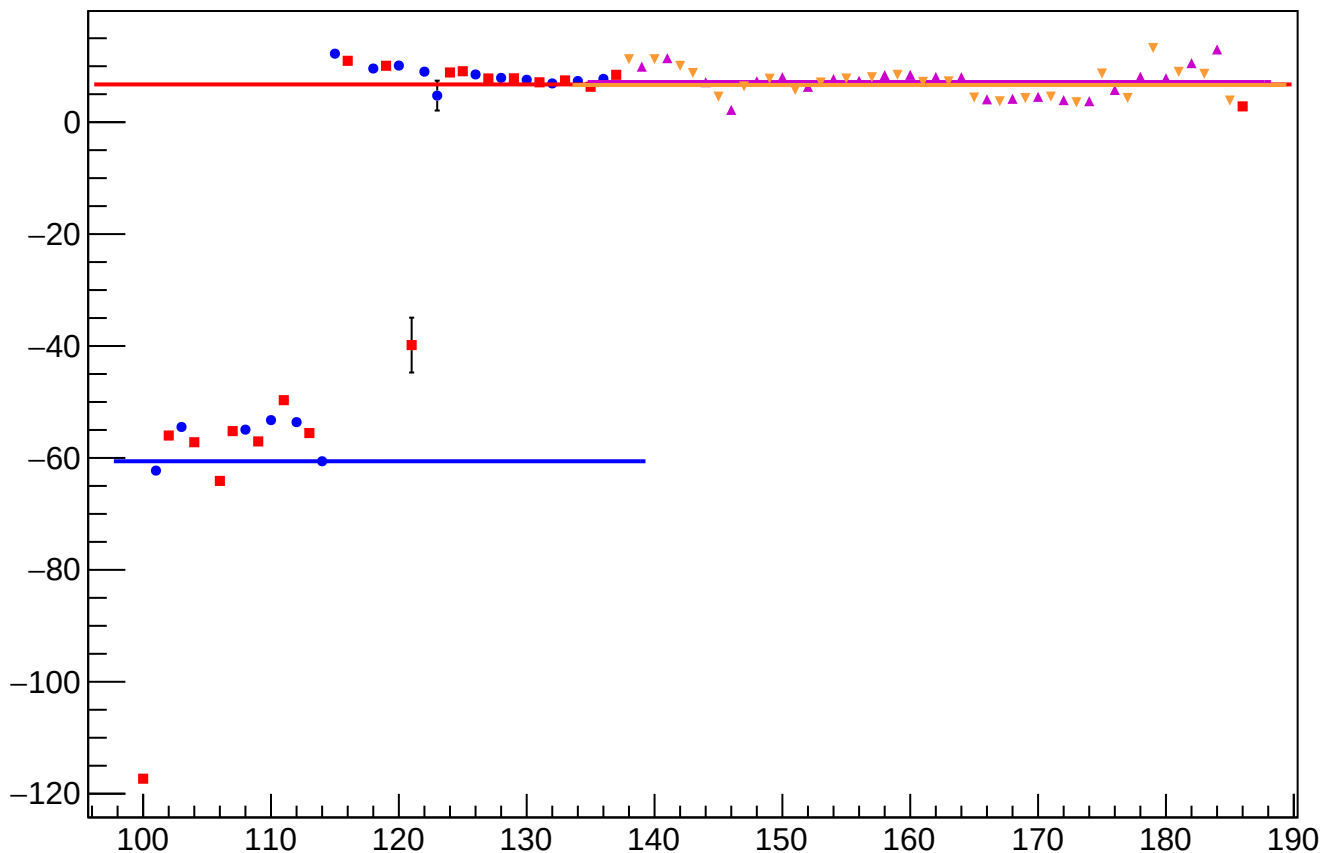
Left In: -50.276 ± 0.001 χ^2/NDF : 190236.3/22

+ 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 $\pm$ 0.000 χ^2/NDF : 26122838.1/16

Left Out: 6.641 $\pm$ 0.004 χ^2/NDF : 340462.4/24

Right Out: 6.745 $\pm$ 0.011 χ^2/NDF : 1266707.7/19

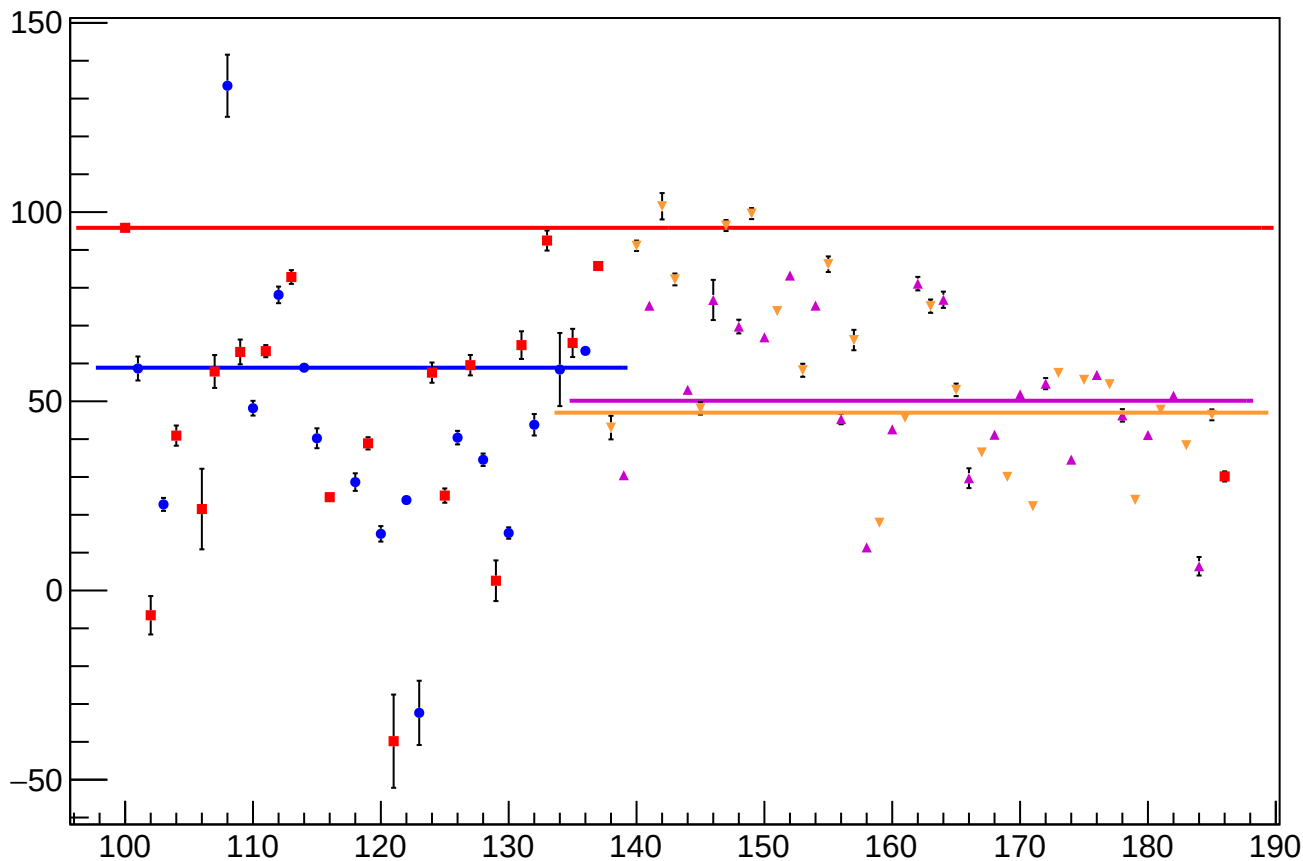
Left In: 7.179 $\pm$ 0.003 χ^2/NDF : 214127.6/22

+ sign -60.594 $\pm$ 0.000 χ^2/NDF : 360528428.6/41

All: -60.594 $\pm$ 0.000 χ^2/NDF : 783283511.1/8

- sign 7.140 $\pm$ 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

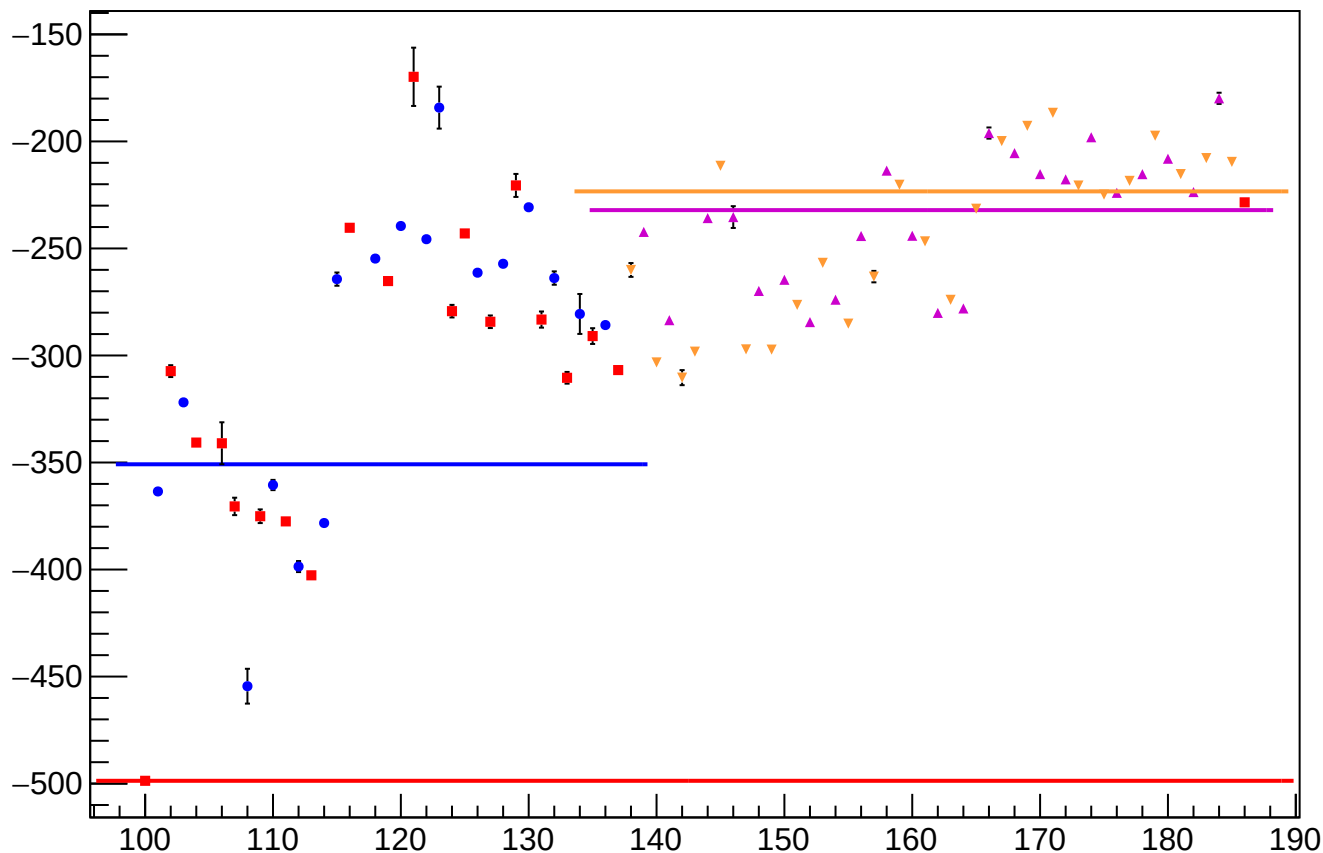
Left In: 50.144 ± 0.212 χ^2/NDF : 6667.7/22

+ 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

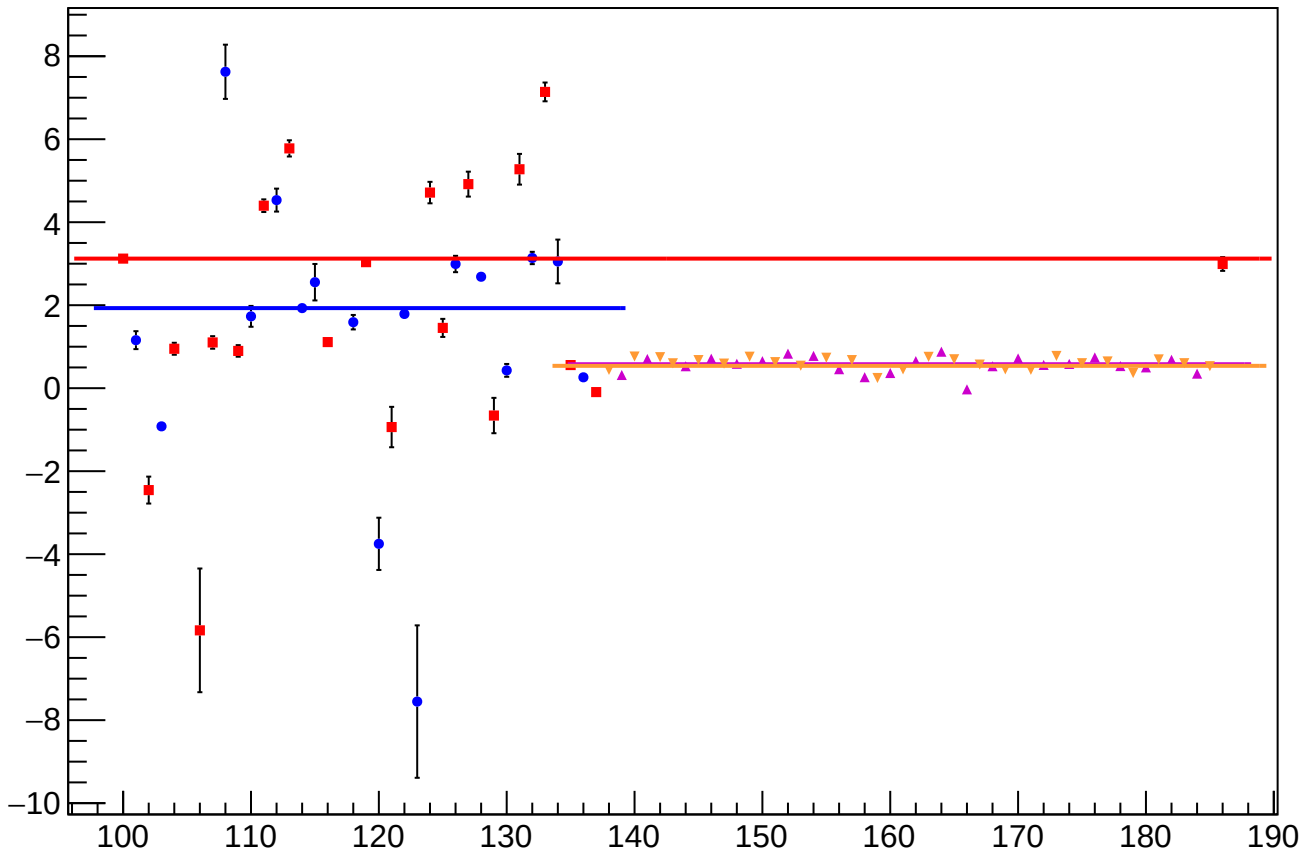
Left In: -232.094 ± 0.217 χ^2/NDF : 17468.1/22

+ 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

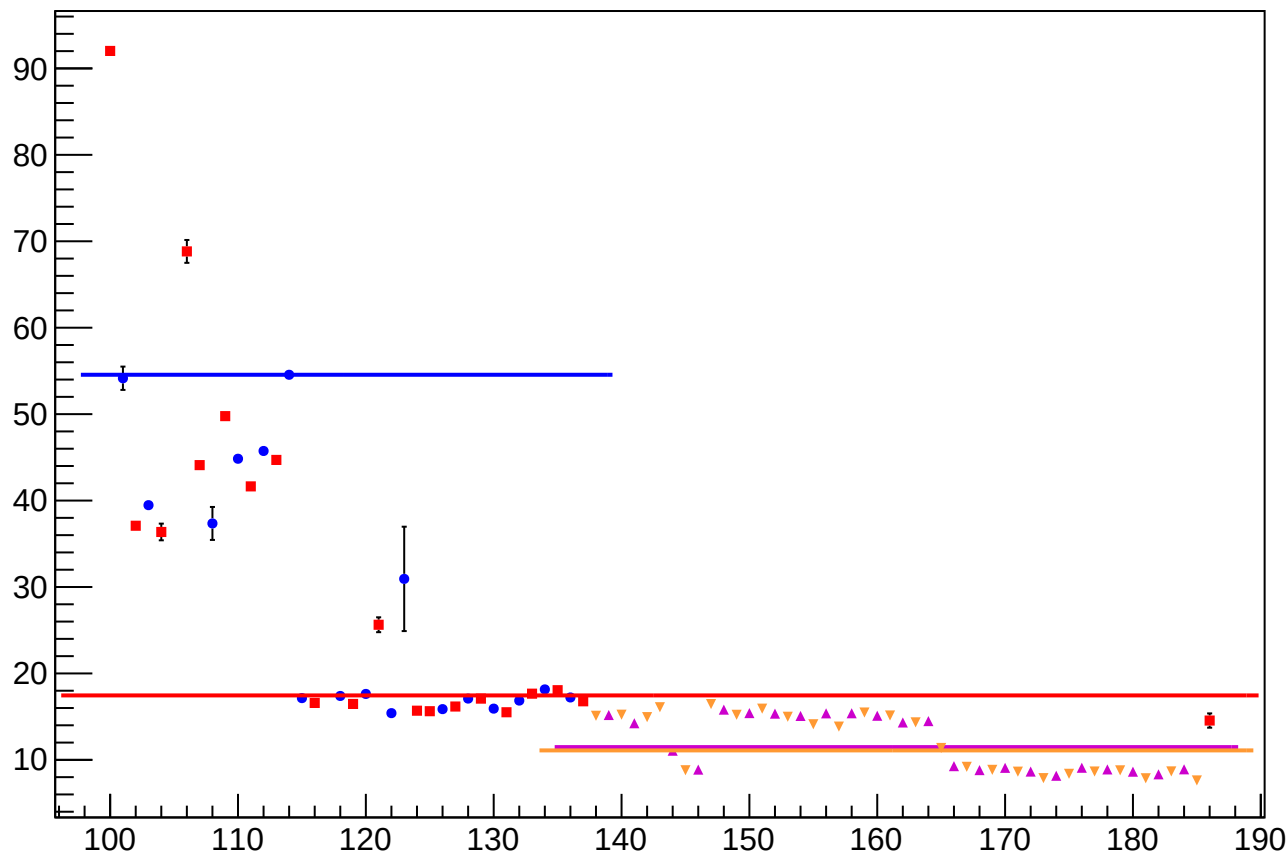
Left In: 0.577 ± 0.001 χ^2/NDF : 15533.6/22

+ 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

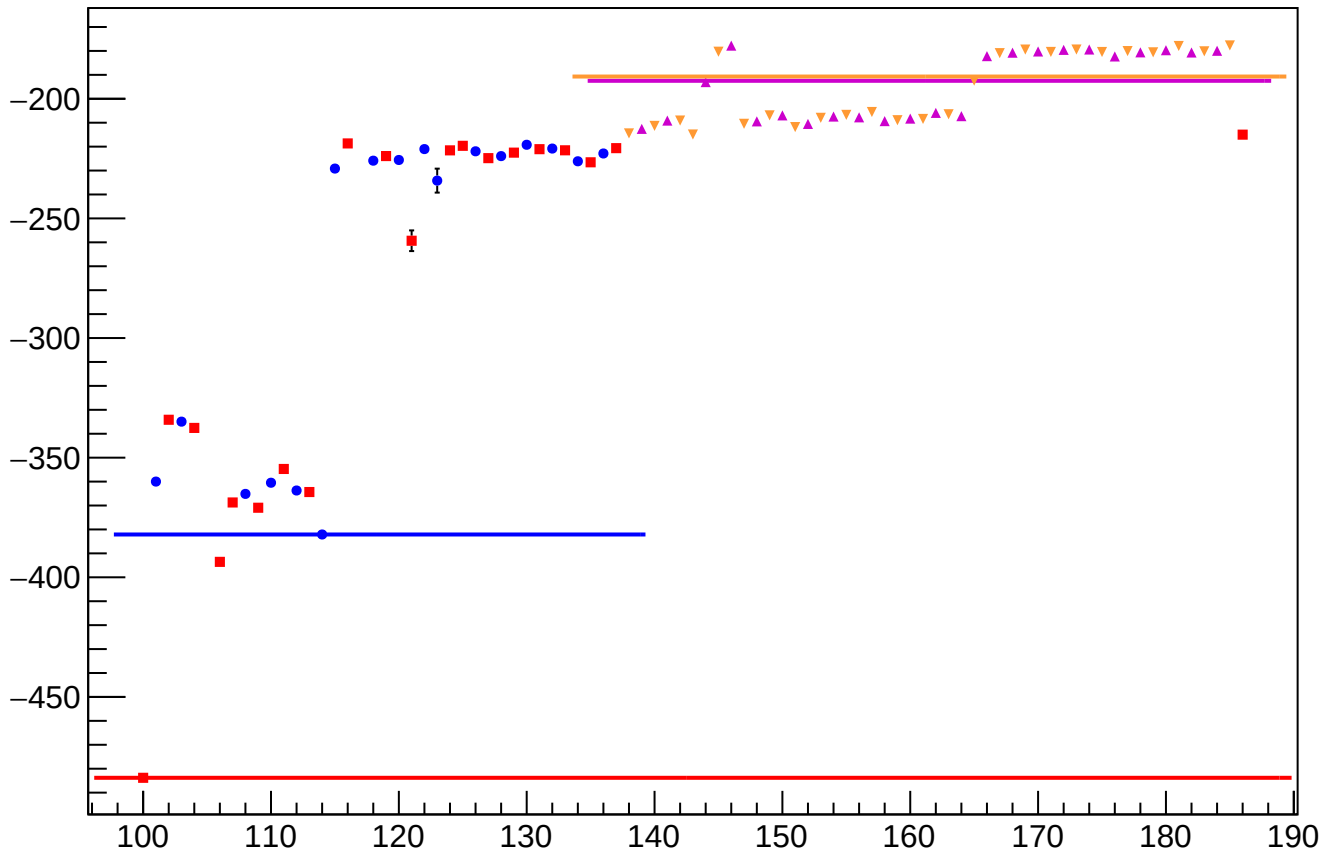
Left In: 11.477 ± 0.005 χ^2/NDF : 381285.2/22

+ 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

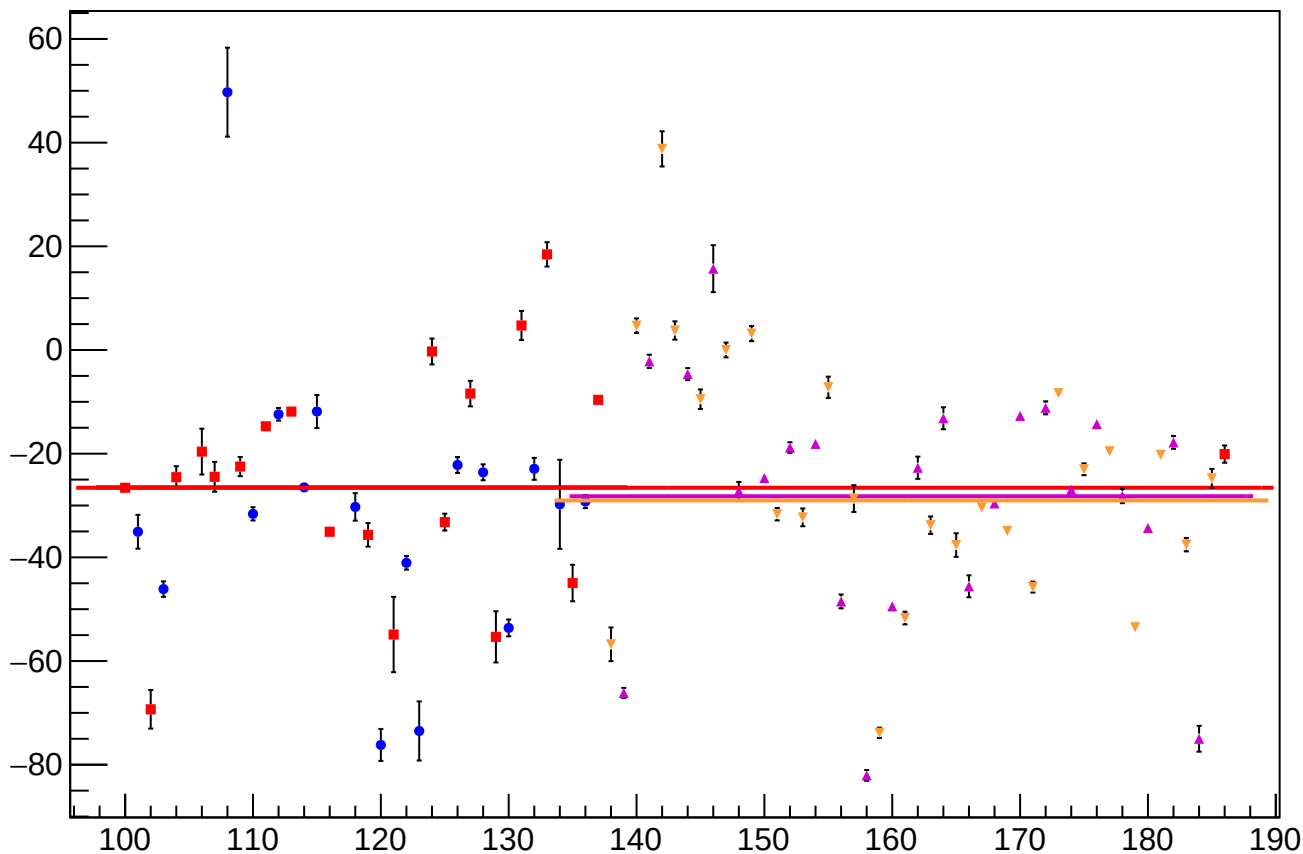
Right Out: -483.800 ± 0.000 χ^2/NDF : 24422871.3/19

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

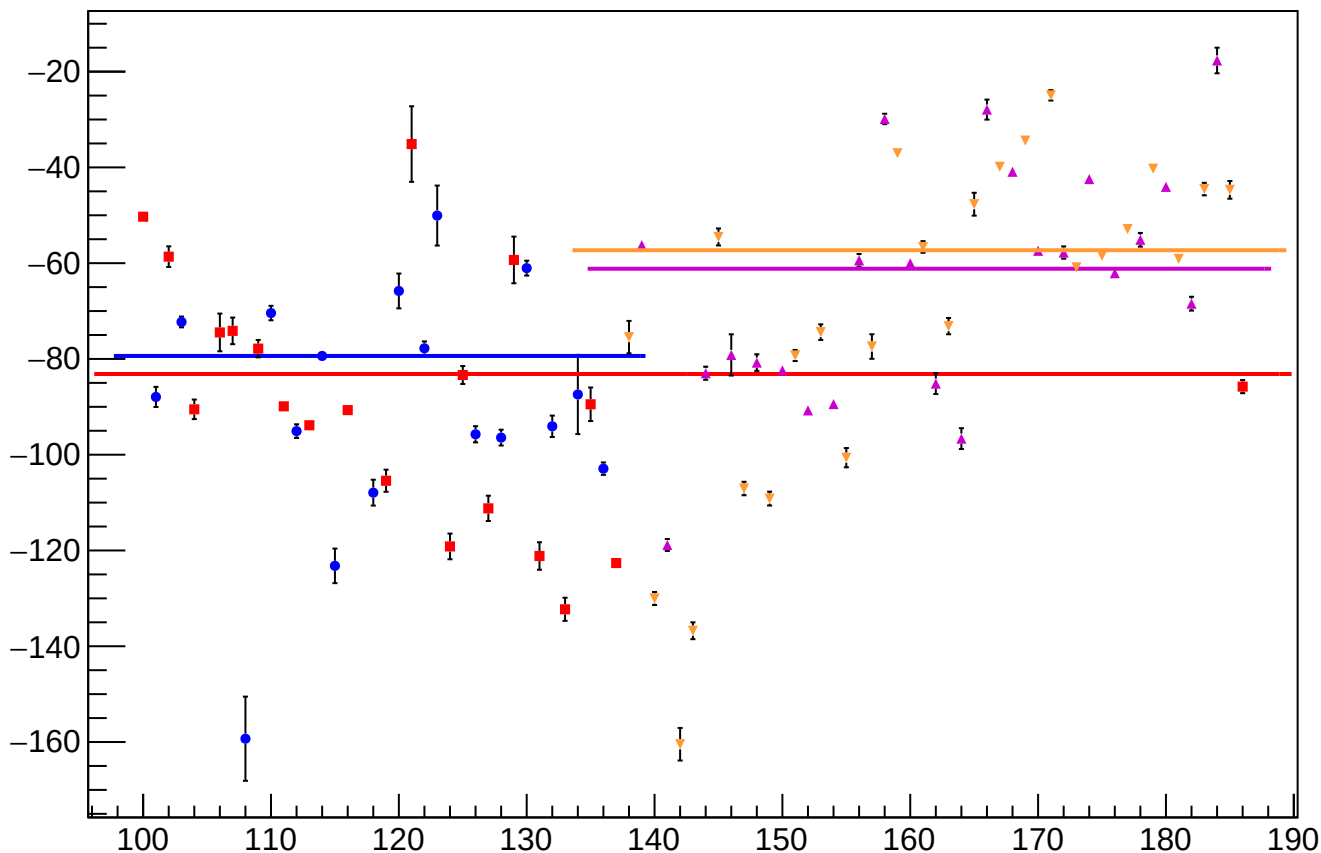
Left In: -28.215 ± 0.215 χ^2/NDF : 7786.5/22

+ 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 $\chi^2/\text{NDF}: 11919.6/19$

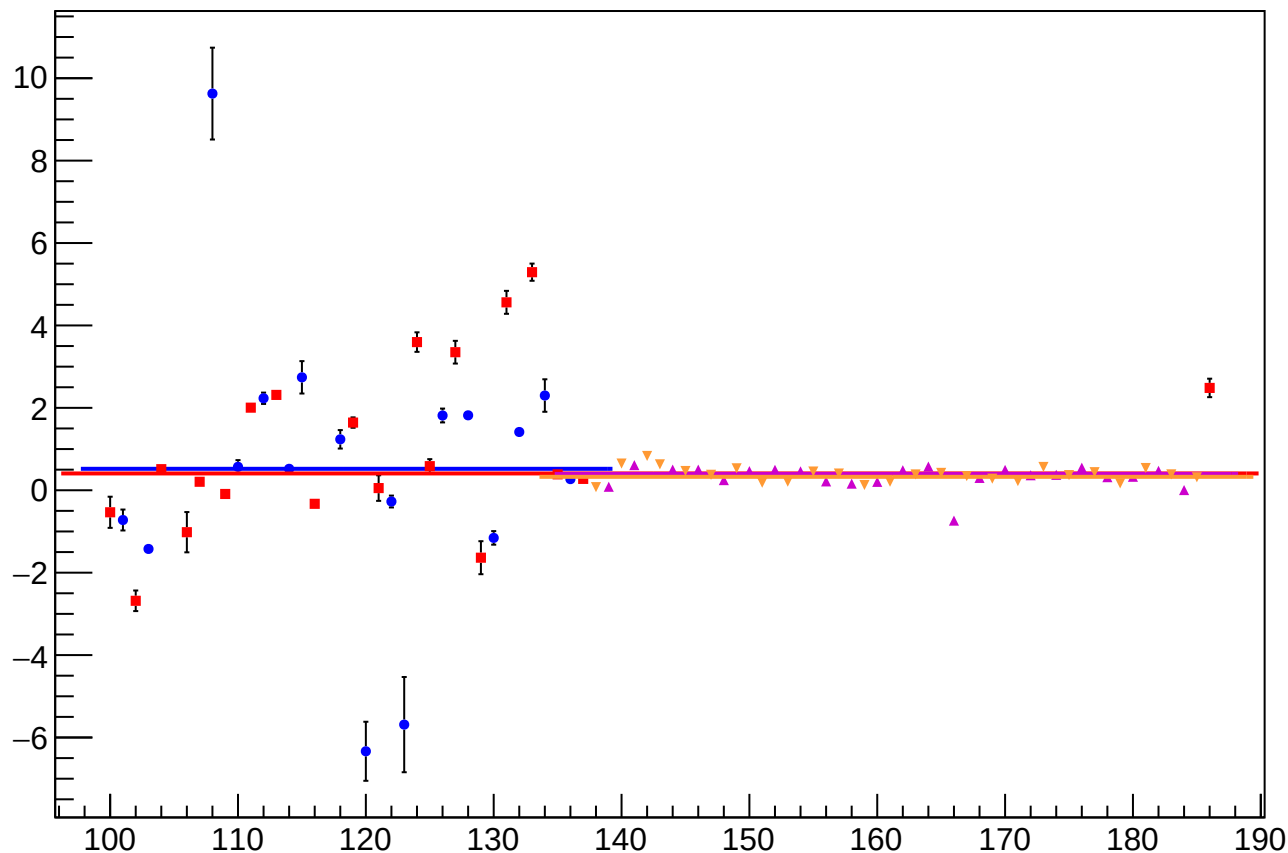
Left In: -61.164 ± 0.218 $\chi^2/\text{NDF}: 8941.7/22$

+ 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

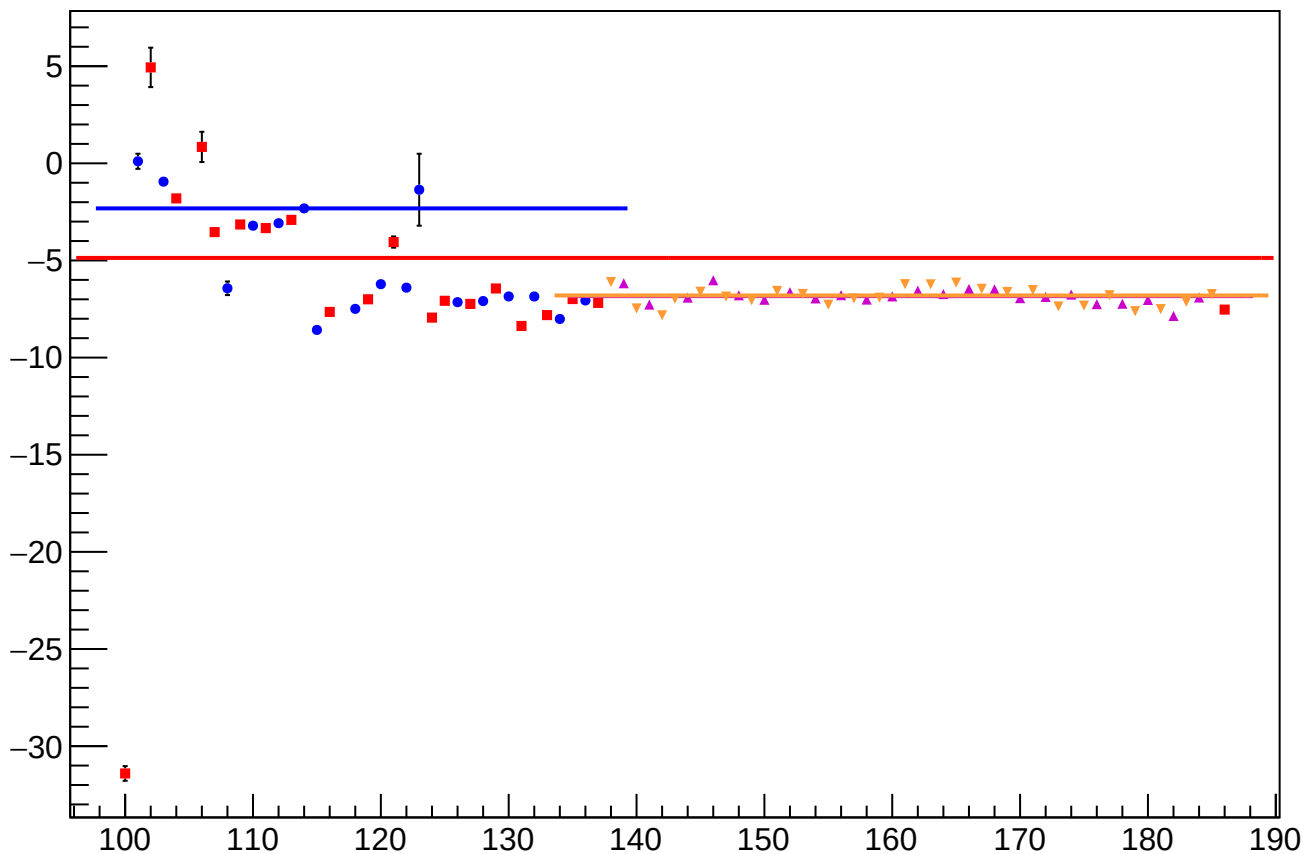
Left In: 0.396+/-0.001 χ^2/NDF :11392.0/22

+ 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+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -6.802+/-0.002 χ^2/NDF : 14918.8/24

Right Out: -4.869+/-0.010 χ^2/NDF : 49486.8/19

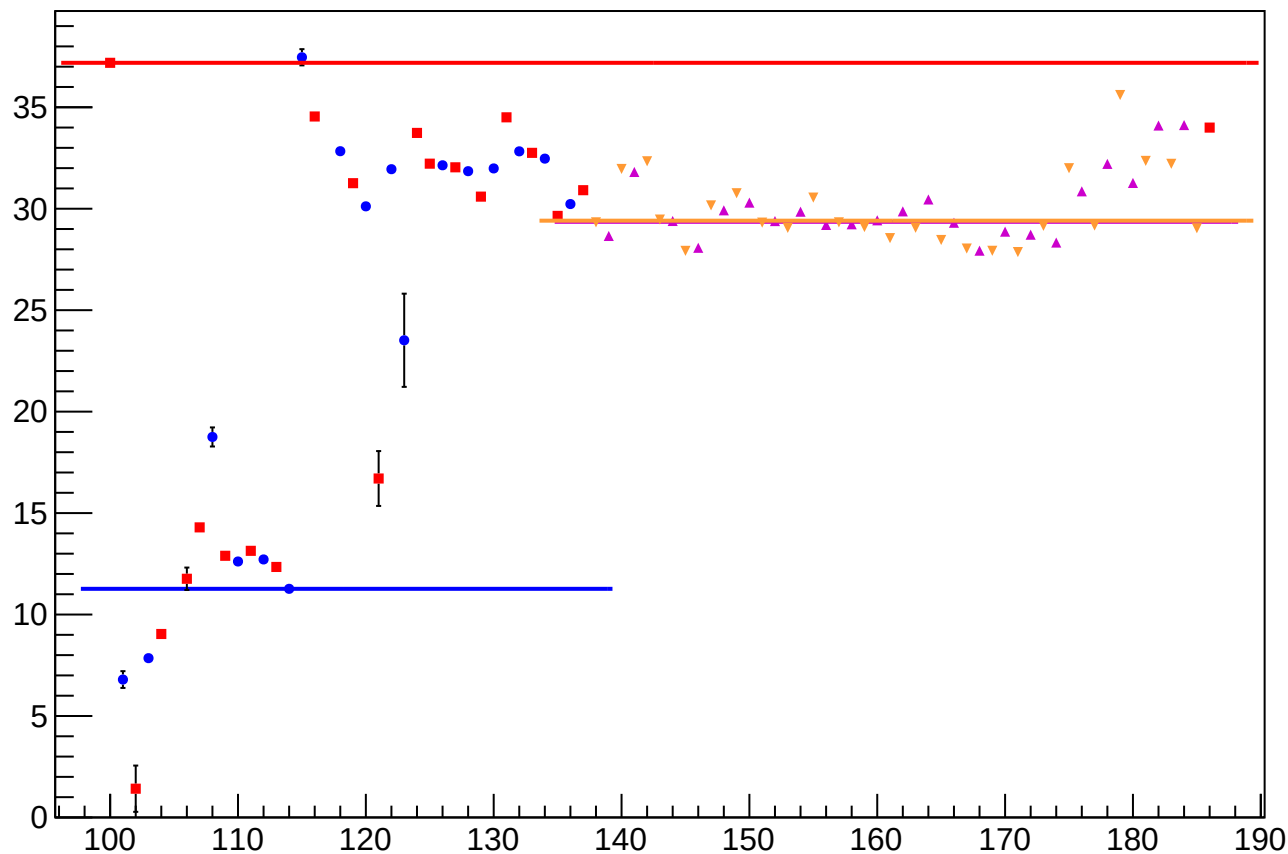
Left In: -6.836+/-0.002 χ^2/NDF : 9245.1/22

+ sign -2.320+/-0.000 χ^2/NDF : 3533597.7/41

All: -2.320+/-0.000 χ^2/NDF : 7165719.6/84

- sign -6.734+/-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

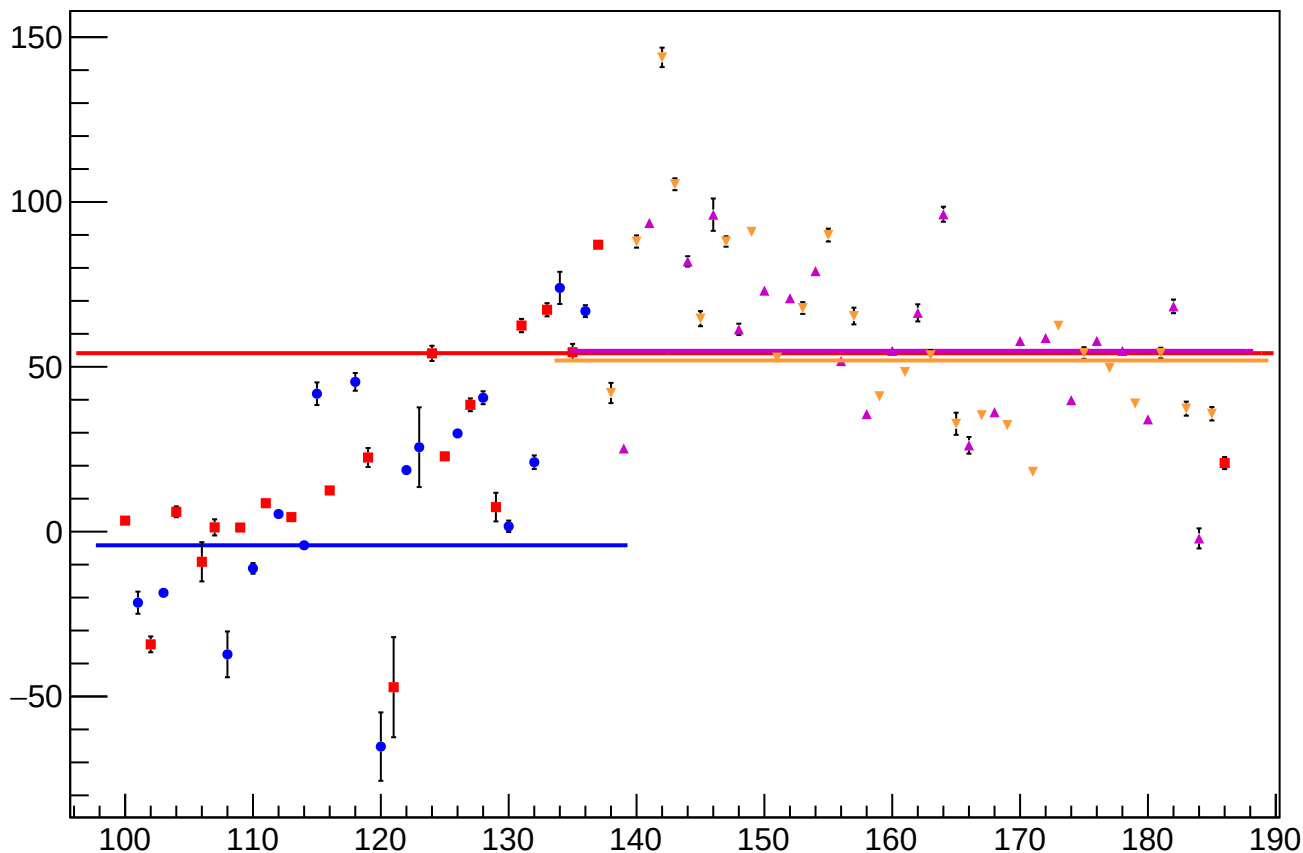
Left In: 29.354 $\pm$ 0.008 χ^2 /NDF: 14741.7/22

+ 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

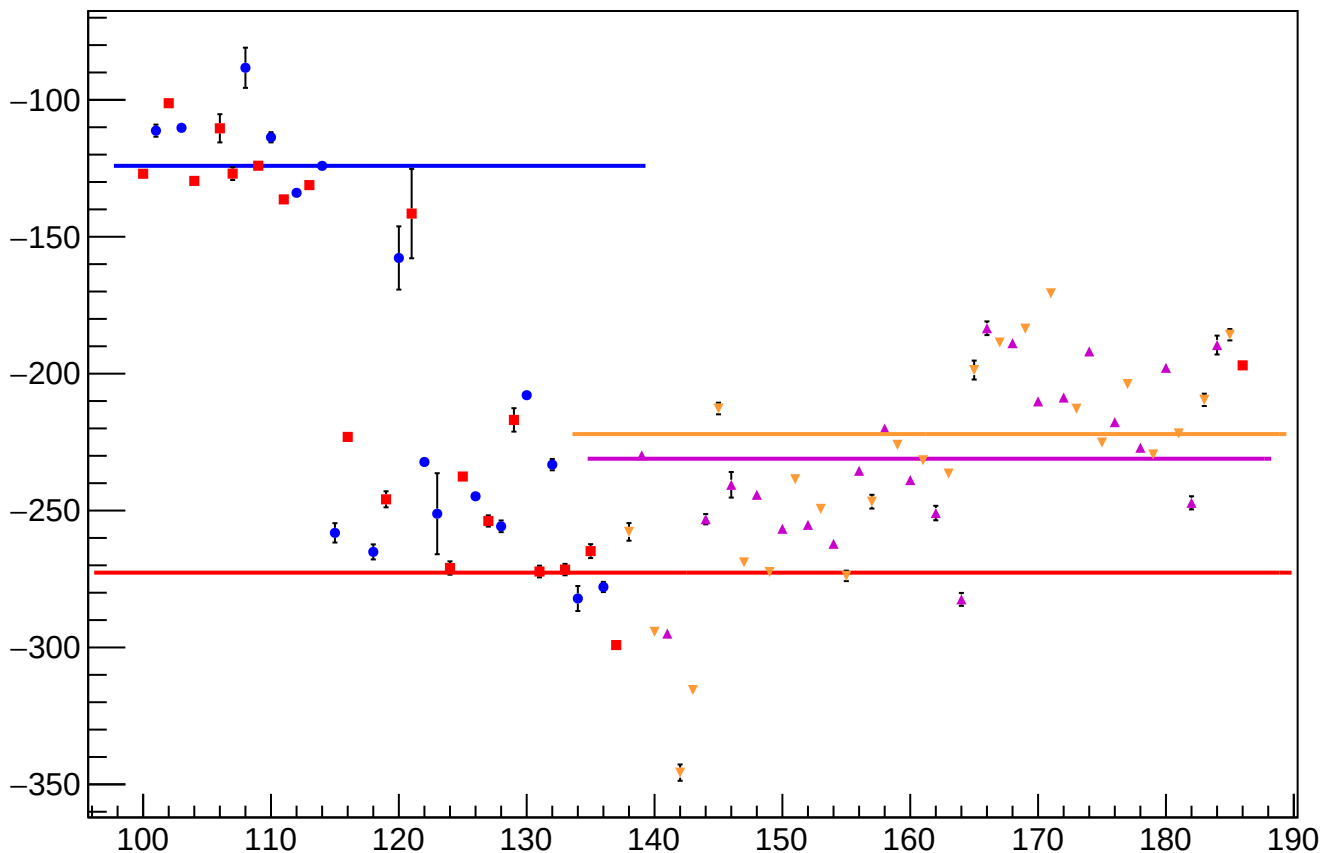
Left In: 54.849 ± 0.247 χ^2/NDF : 6325.8/22

+ 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

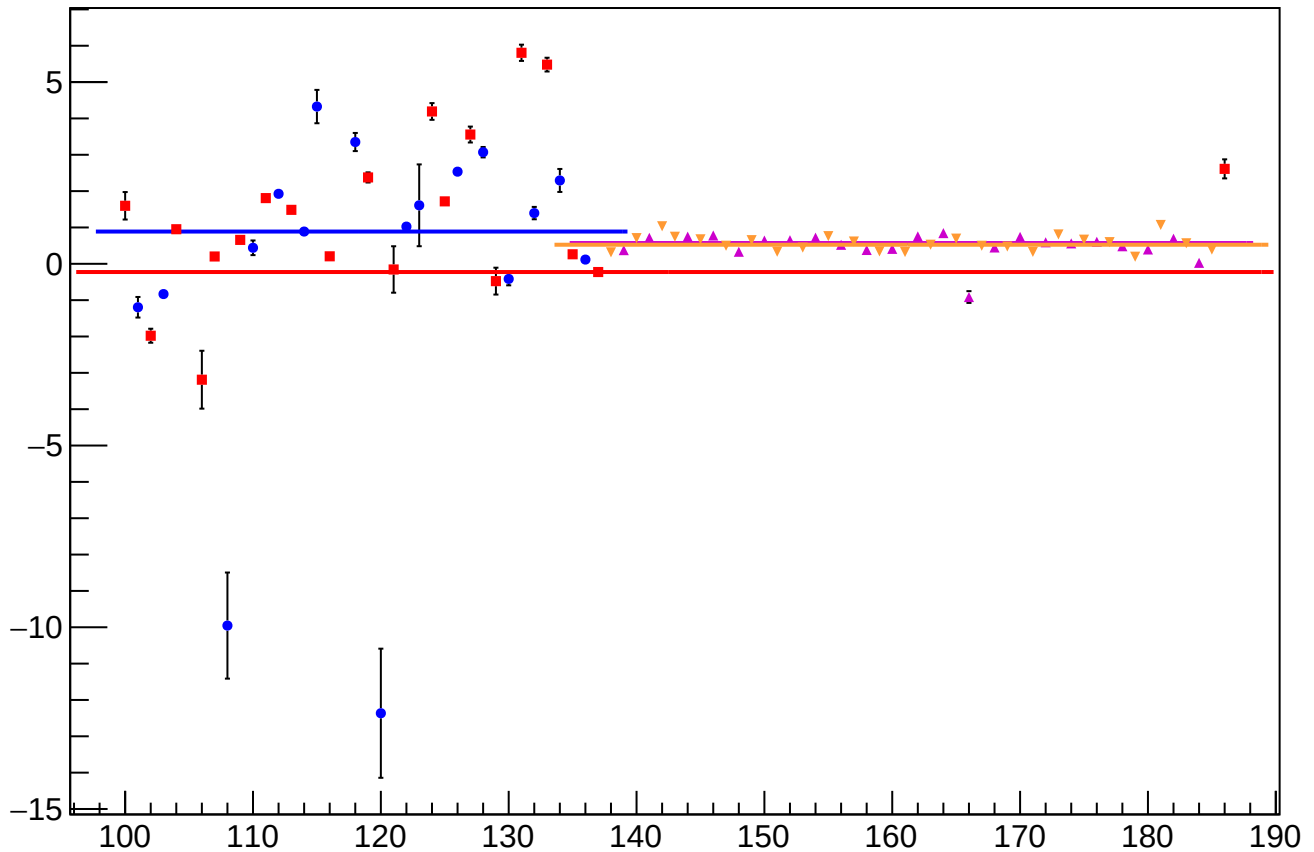
Left In: -231.069 $\pm$ 0.249 χ^2 /NDF:12005.6/22

+ 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

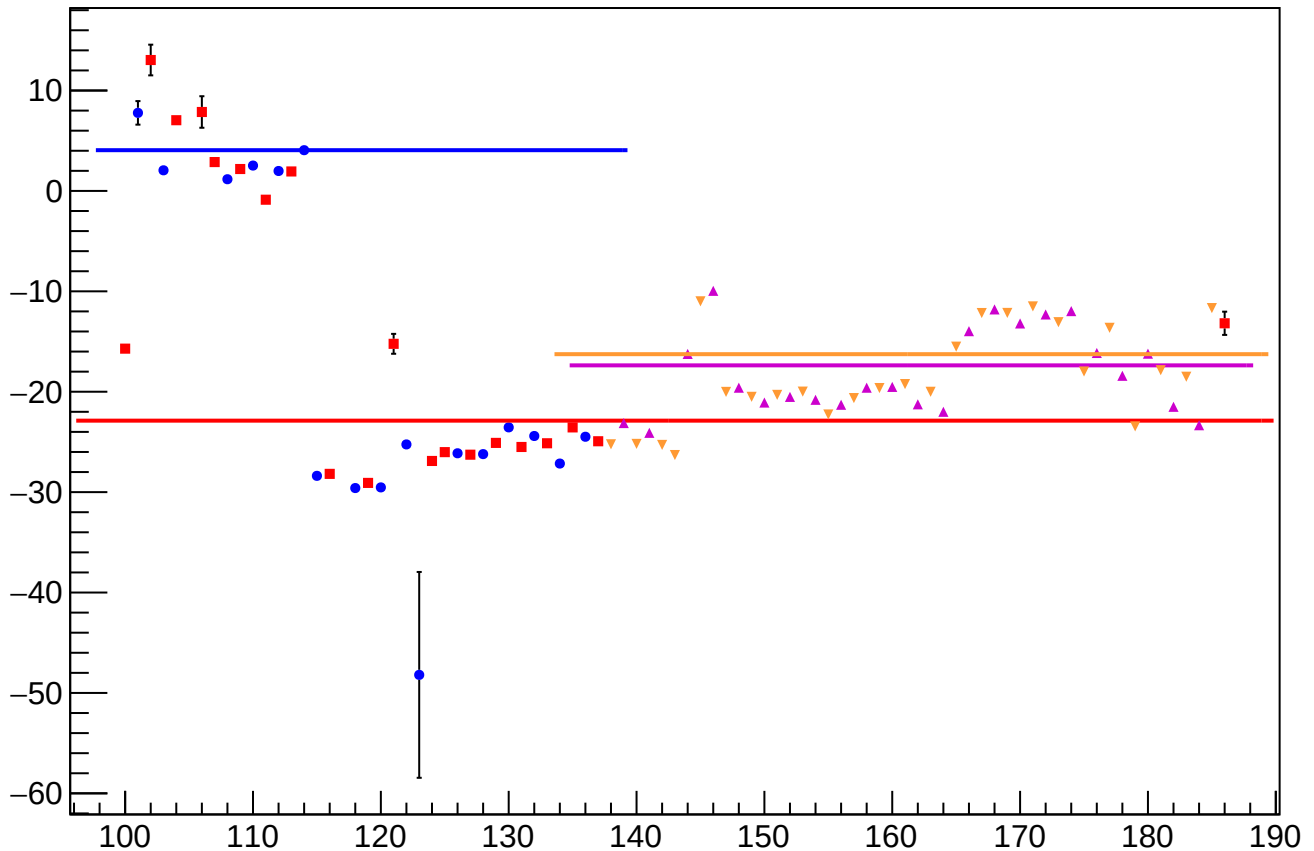
Left In: 0.572 ± 0.002 χ^2/NDF : 5600.2/22

+ sign 0.888 ± 0.000 χ^2/NDF : 50219.3/41

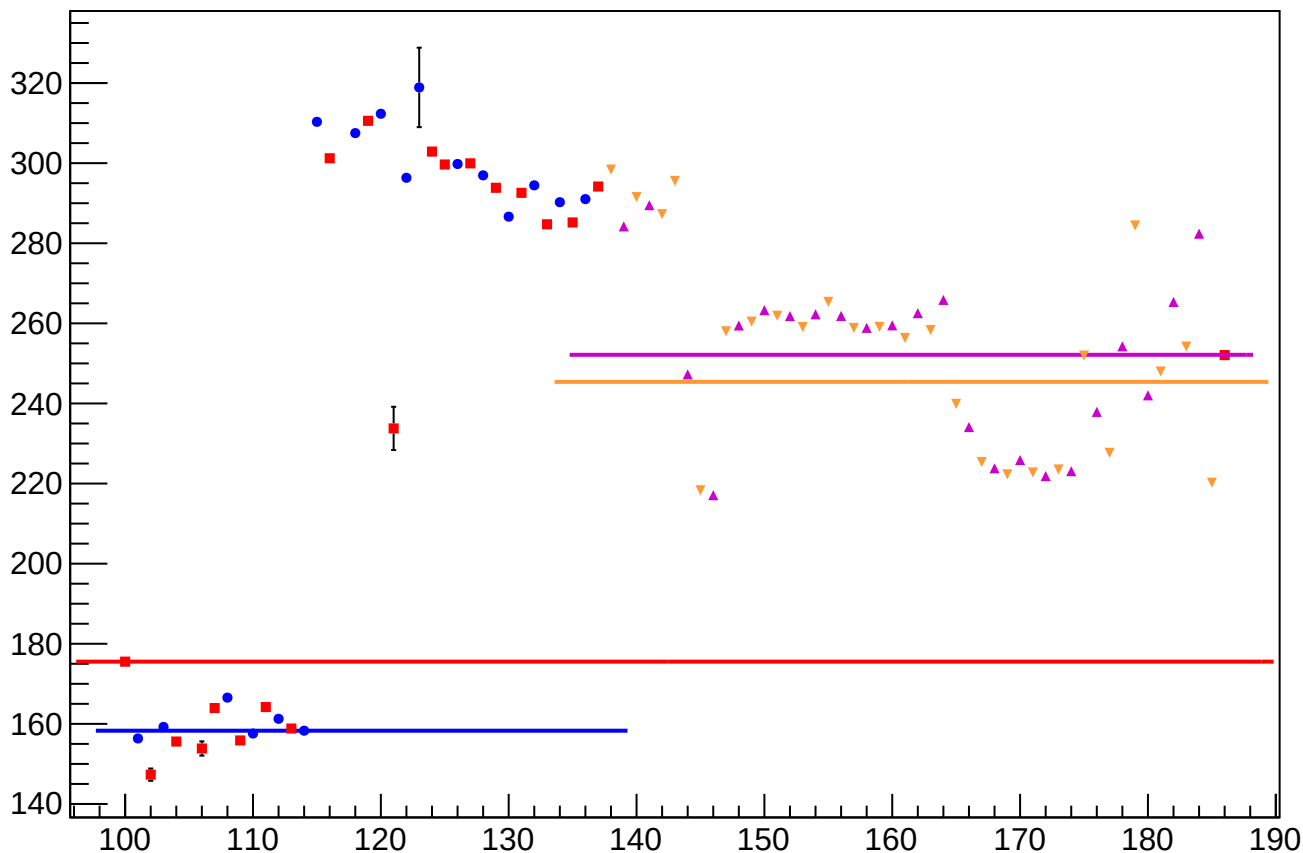
All: 0.888 ± 0.000 χ^2/NDF : 422293150.0/84

- sign -0.225 ± 0.000 χ^2/NDF : 172643.3/42

dit_sam4_4aY_slope vs Slug



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

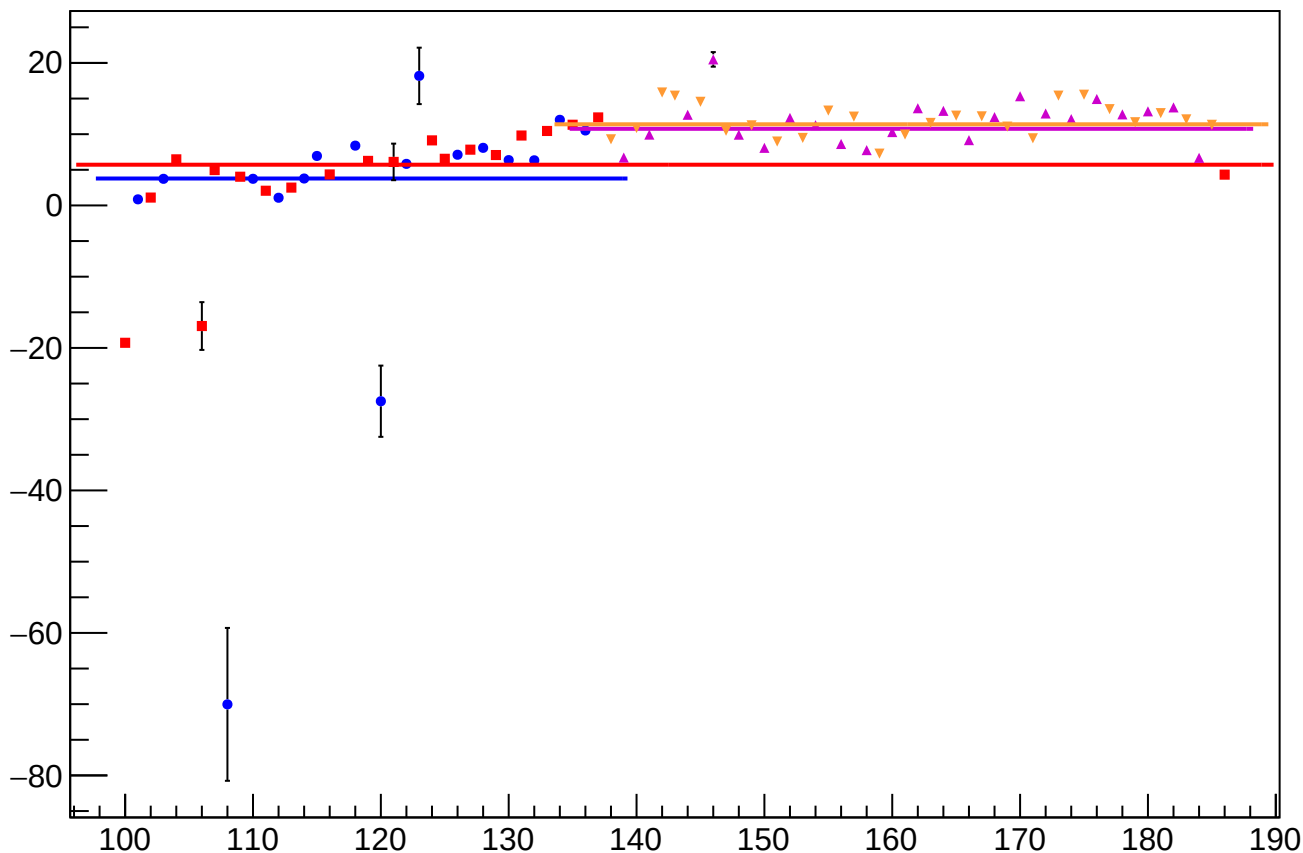
Left In: 252.148 $\pm$ 0.028 χ^2 /NDF: 359416.7/22

+ 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

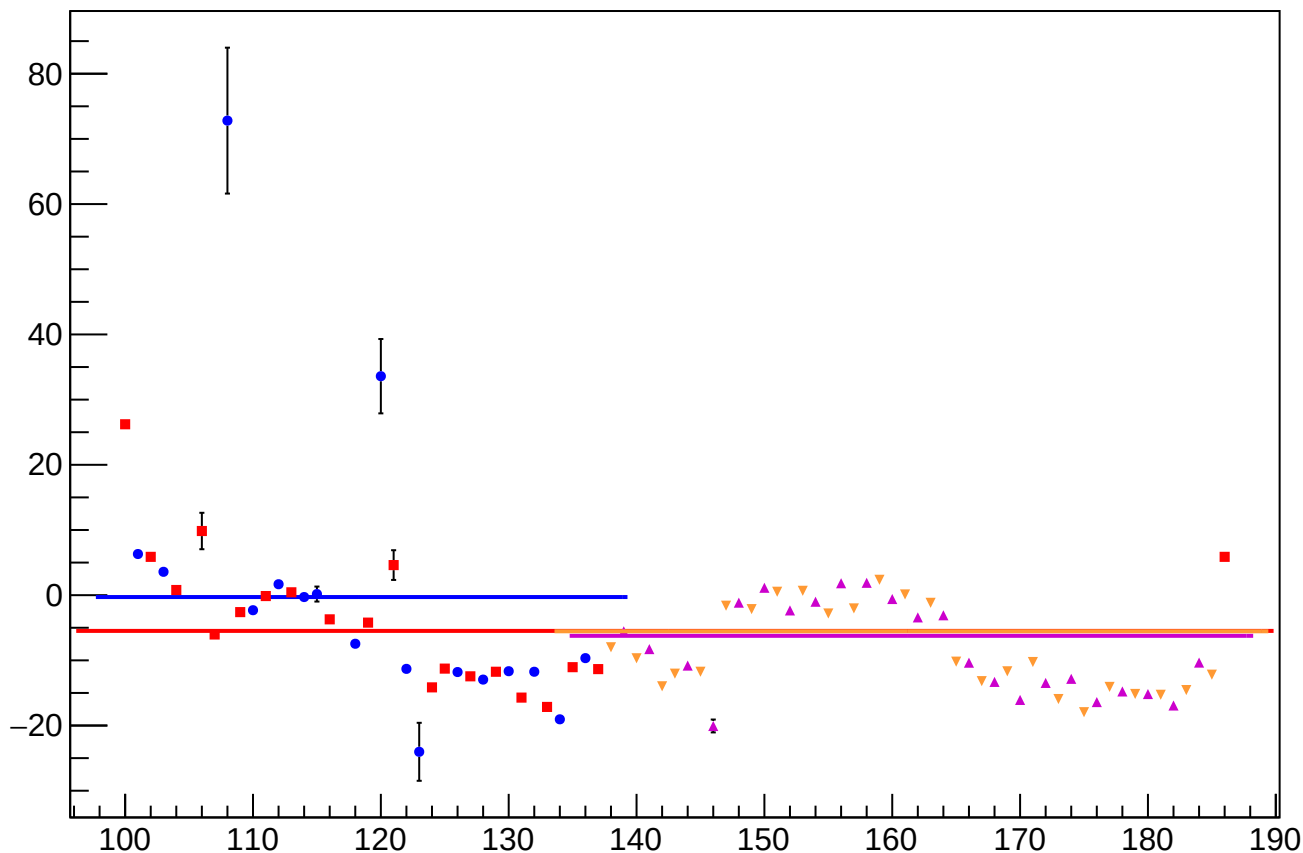
Left In: 10.753+/-0.028 χ^2/NDF : 9950.6/22

+ 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

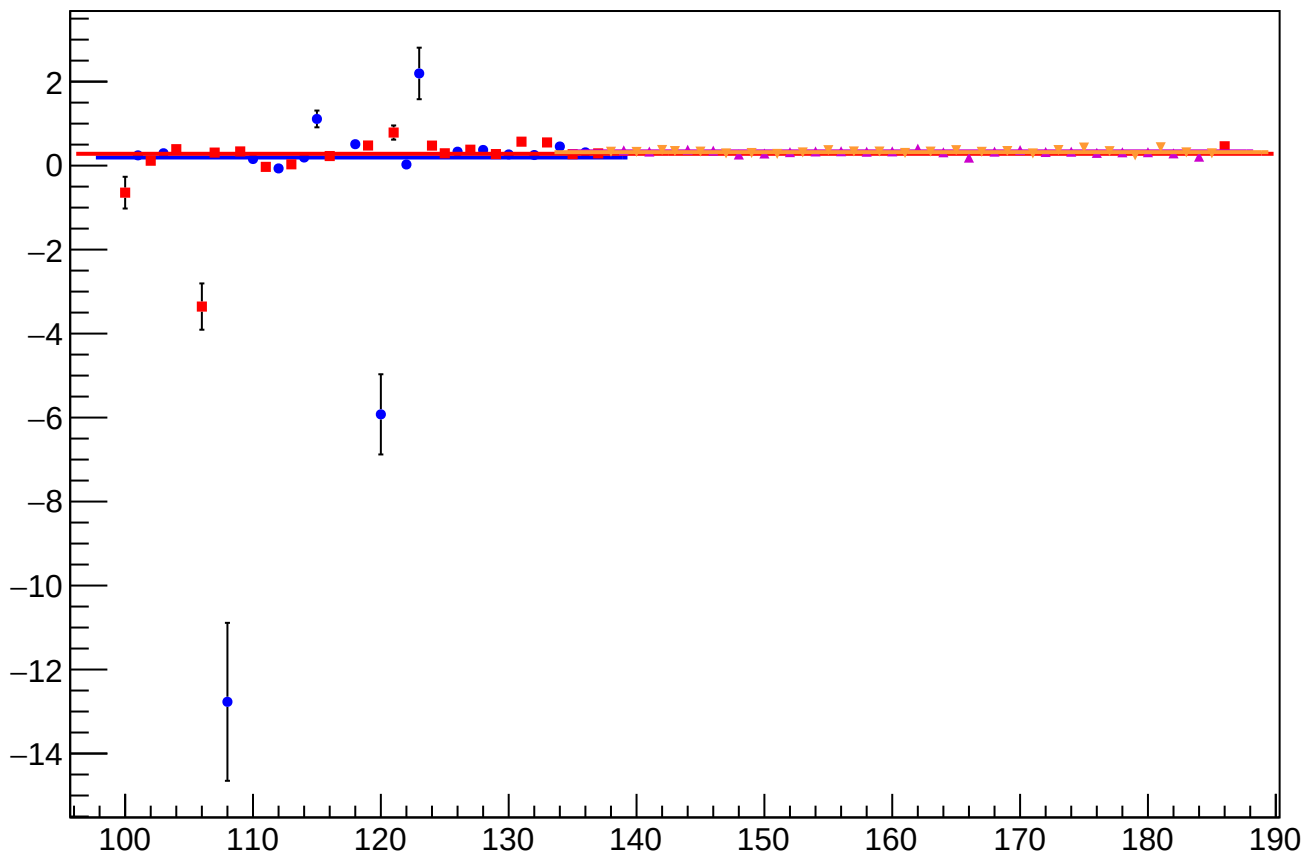
Left In: -6.234 ± 0.028 χ^2/NDF : 57358.9/22

+ 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 ± 0.000 χ^2/NDF : 10027.5/16

Left Out: 0.320 ± 0.001 χ^2/NDF : 3374.4/24

Right Out: 0.281 ± 0.001 χ^2/NDF : 6132.9/19

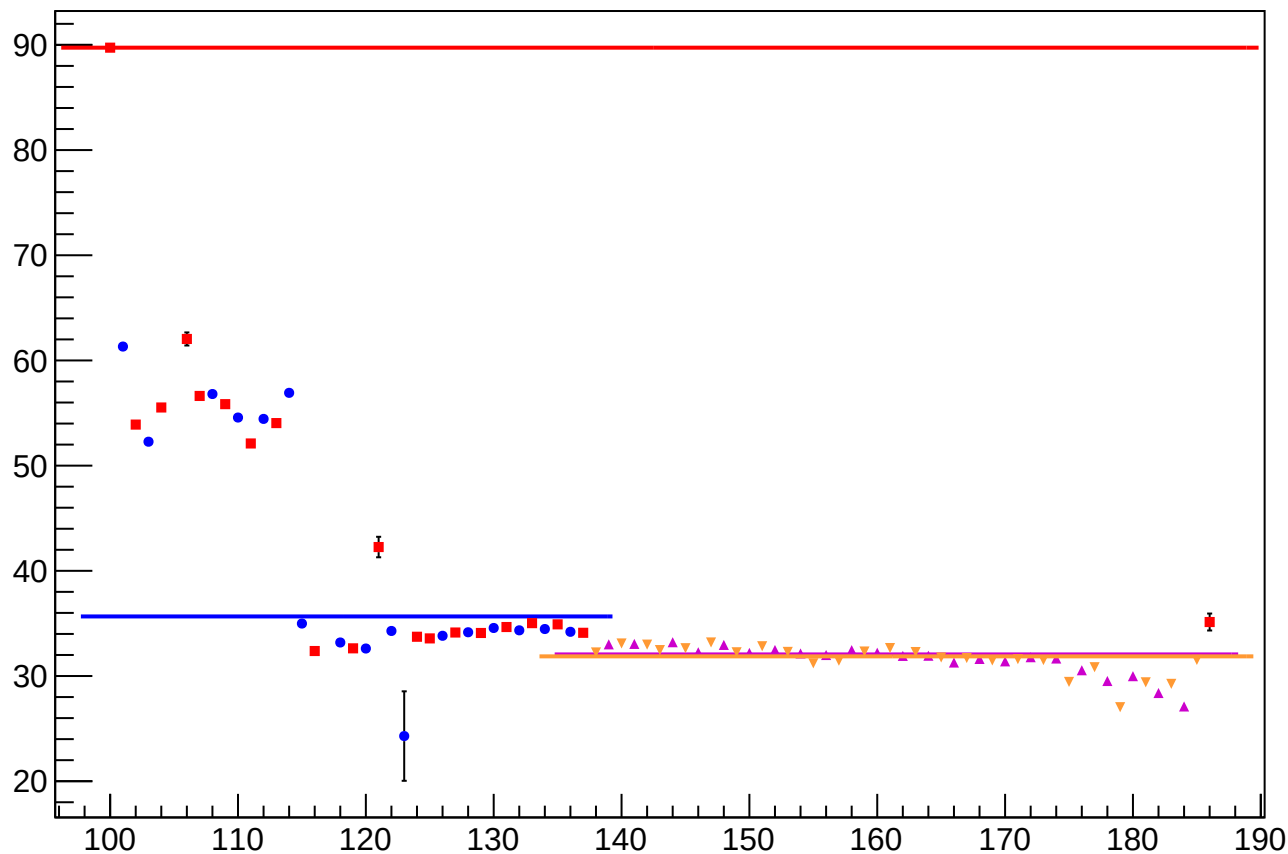
Left In: 0.340 ± 0.001 χ^2/NDF : 4171.9/22

+ sign 0.193 ± 0.000 χ^2/NDF : 76618.6/41

All: 0.193 ± 0.000 χ^2/NDF : 167102.8/84

- sign 0.333 ± 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

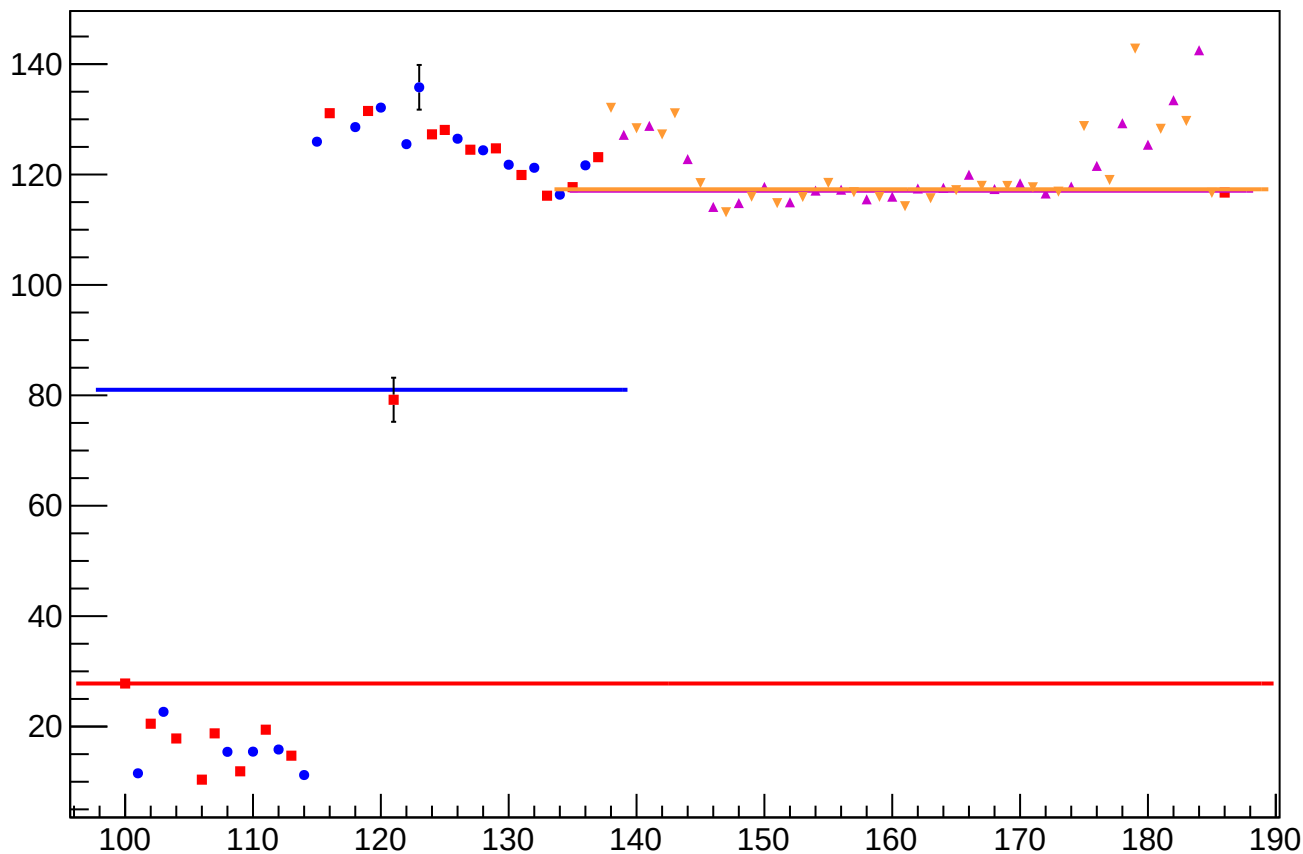
Left In: 32.053 $\pm$ 0.003 χ^2 /NDF: 32470.5/22

+ 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 $\chi^2/\text{NDF}: 2228881.4/16$

Left Out: 117.323 ± 0.008 $\chi^2/\text{NDF}: 172684.3/24$

Right Out: 27.798 ± 0.000 $\chi^2/\text{NDF}: 9193936.8/19$

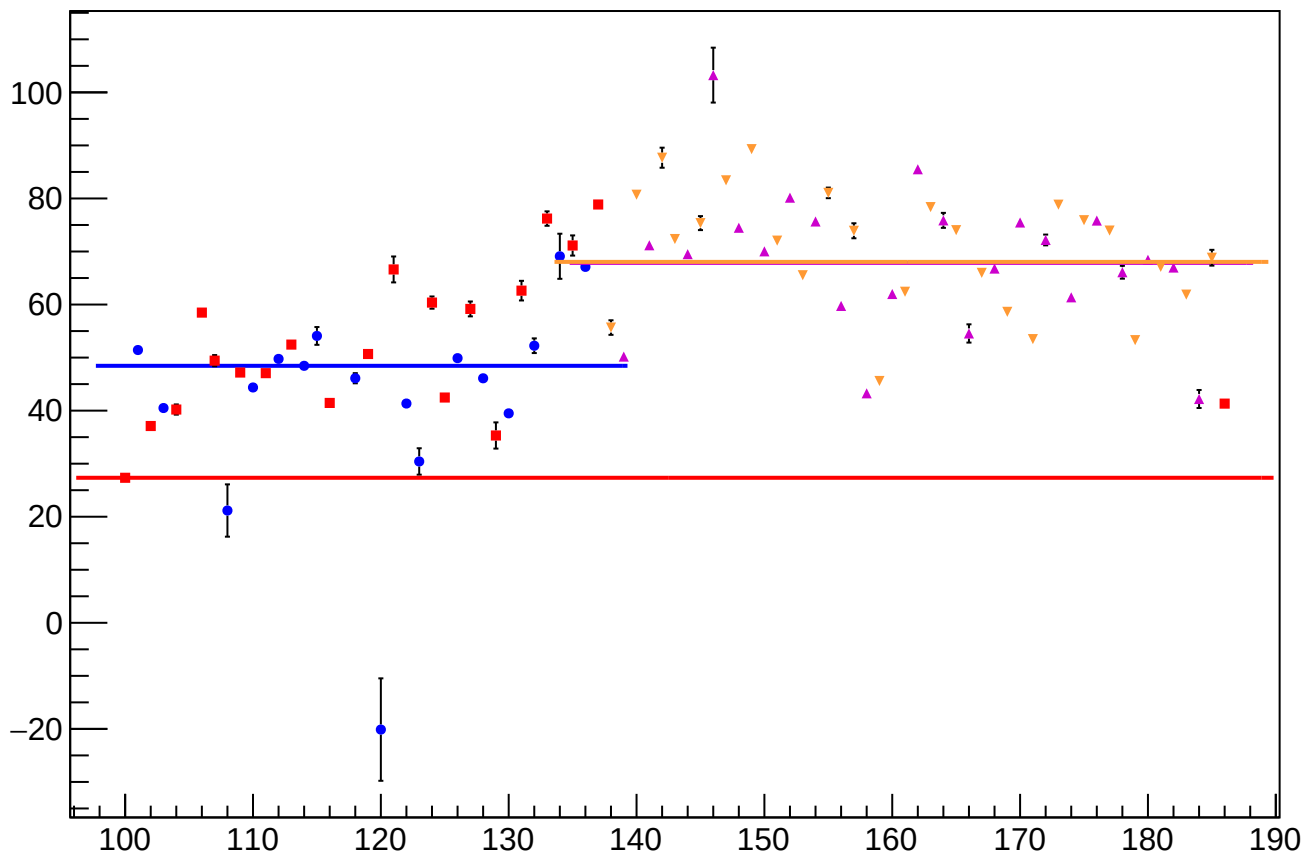
Left In: 117.061 ± 0.009 $\chi^2/\text{NDF}: 62905.3/22$

+ sign 115.541 ± 0.008 $\chi^2/\text{NDF}: 3453409.8/41$

All: 27.798 ± 0.000 $\chi^2/\text{NDF}: 246929631.0/84$

- sign 27.798 ± 0.000 $\chi^2/\text{NDF}: 111901737.1/42$

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

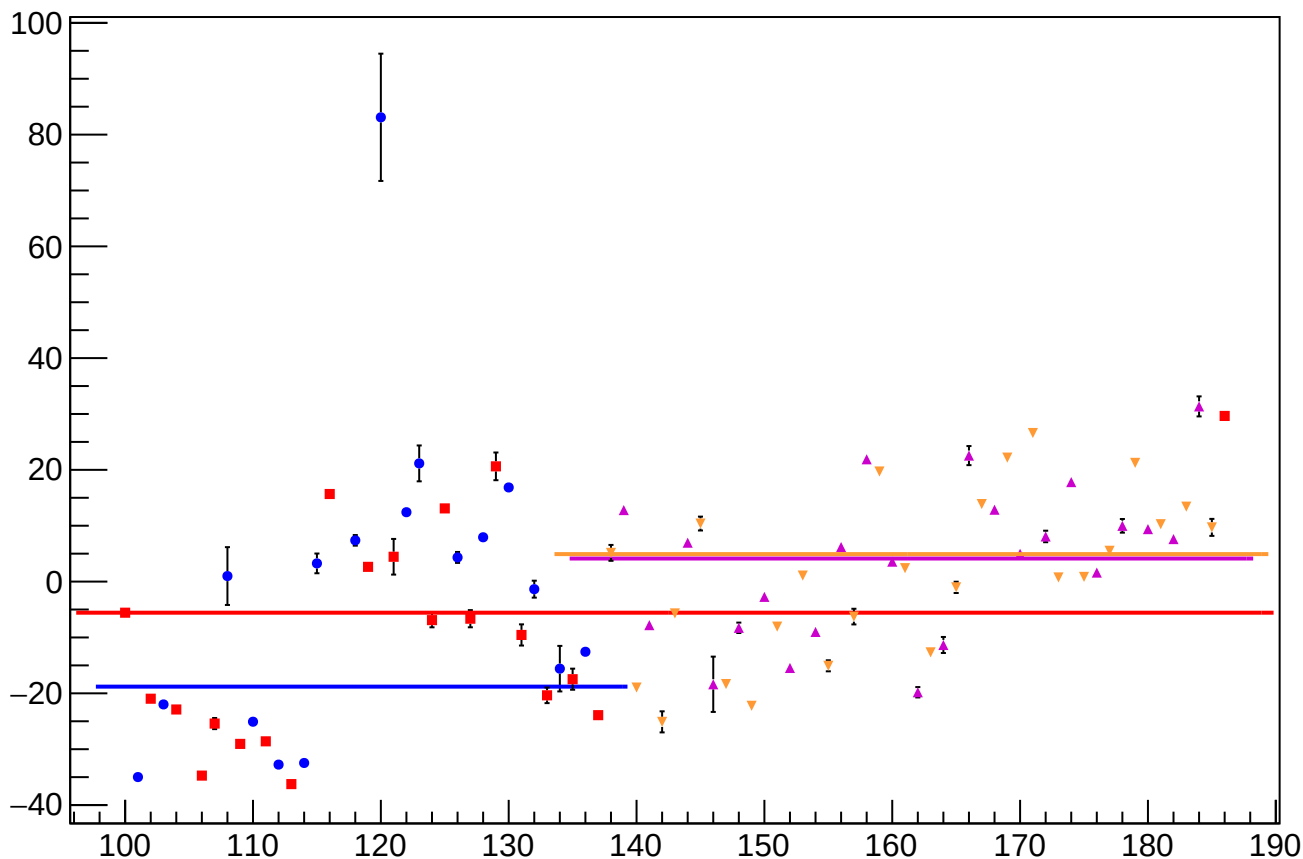
Left In: 67.852+/-0.126 χ^2/NDF : 5519.9/22

+ 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

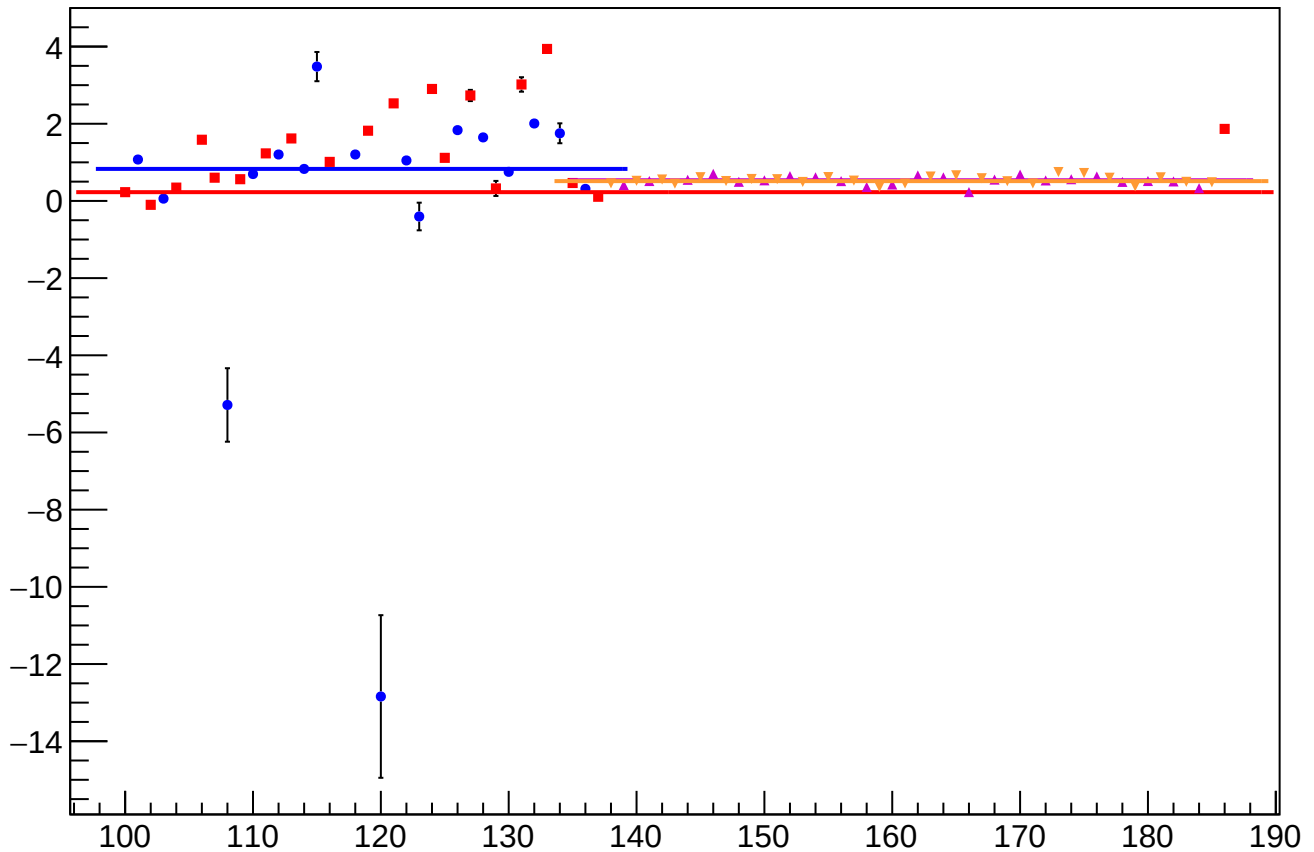
Left In: 4.129 ± 0.127 χ^2/NDF : 6161.4/22

+ 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

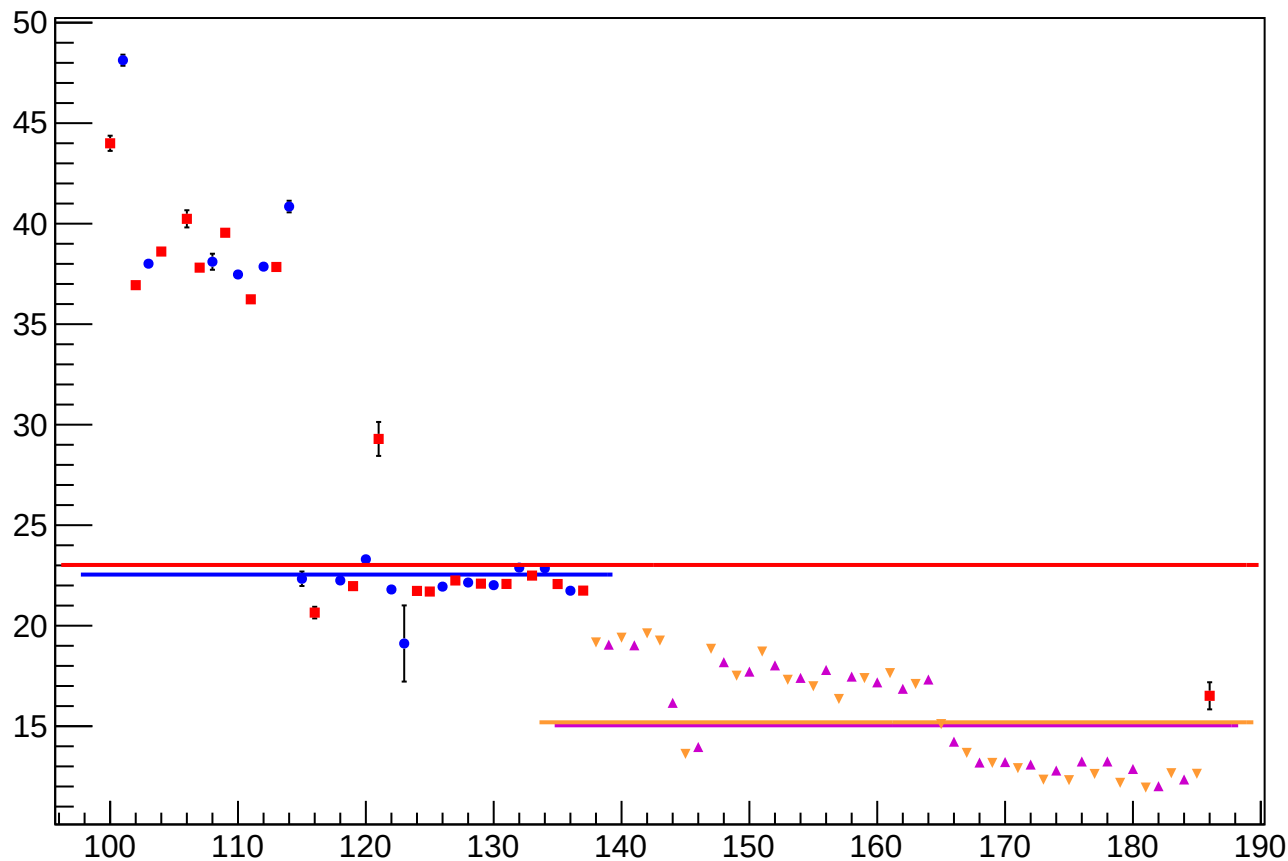
Left In: 0.536 ± 0.001 χ^2/NDF : 11764.8/22

+ 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 $\chi^2/\text{NDF}: 105452.8/16$

Left Out: 15.194 ± 0.004 $\chi^2/\text{NDF}: 417095.1/24$

Right Out: 23.021 ± 0.009 $\chi^2/\text{NDF}: 165931.2/19$

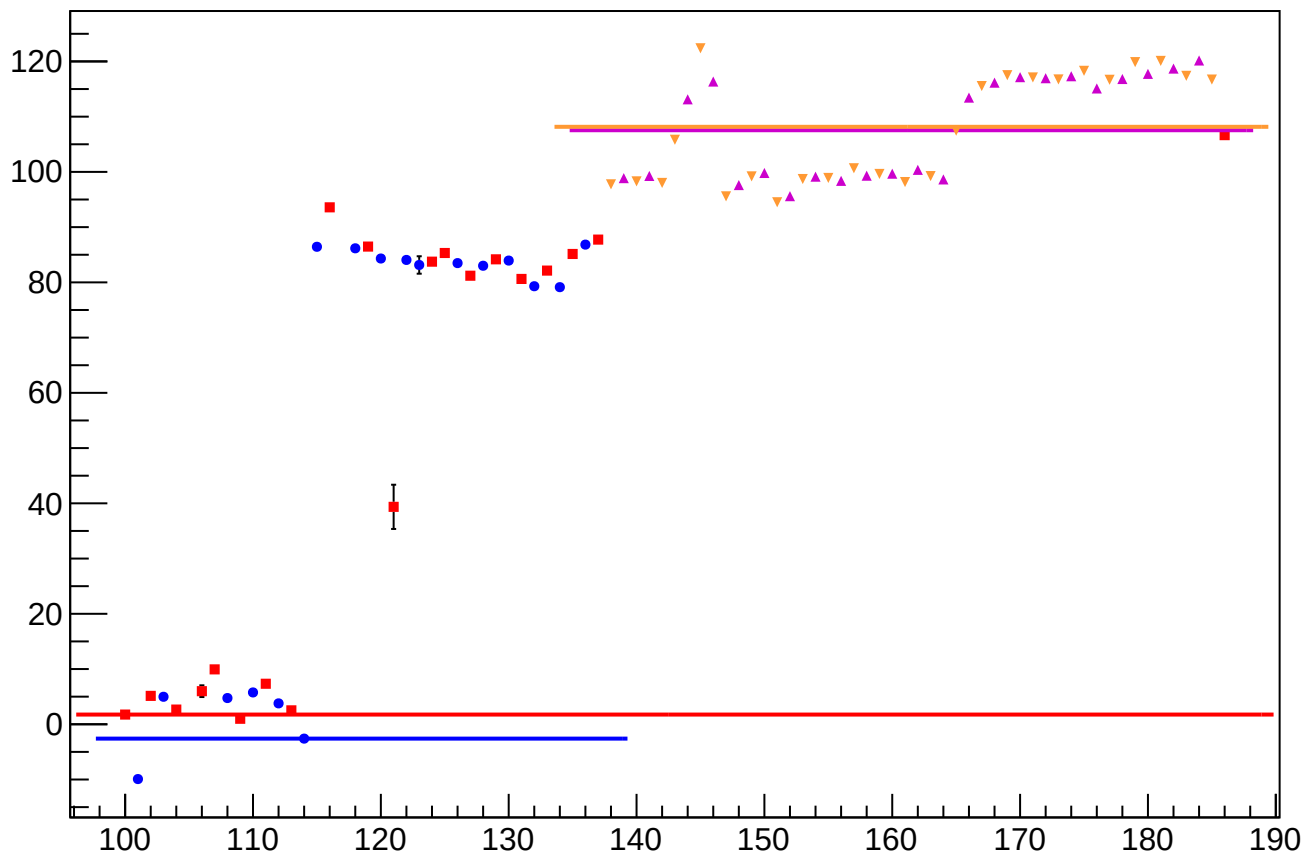
Left In: 15.044 ± 0.005 $\chi^2/\text{NDF}: 285851.6/22$

+ sign 16.470 ± 0.004 $\chi^2/\text{NDF}: 1037442.2/41$

All: 16.576 ± 0.003 $\chi^2/\text{NDF}: 2107738.9/84$

- sign 16.694 ± 0.004 $\chi^2/\text{NDF}: 1068723.6/42$

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

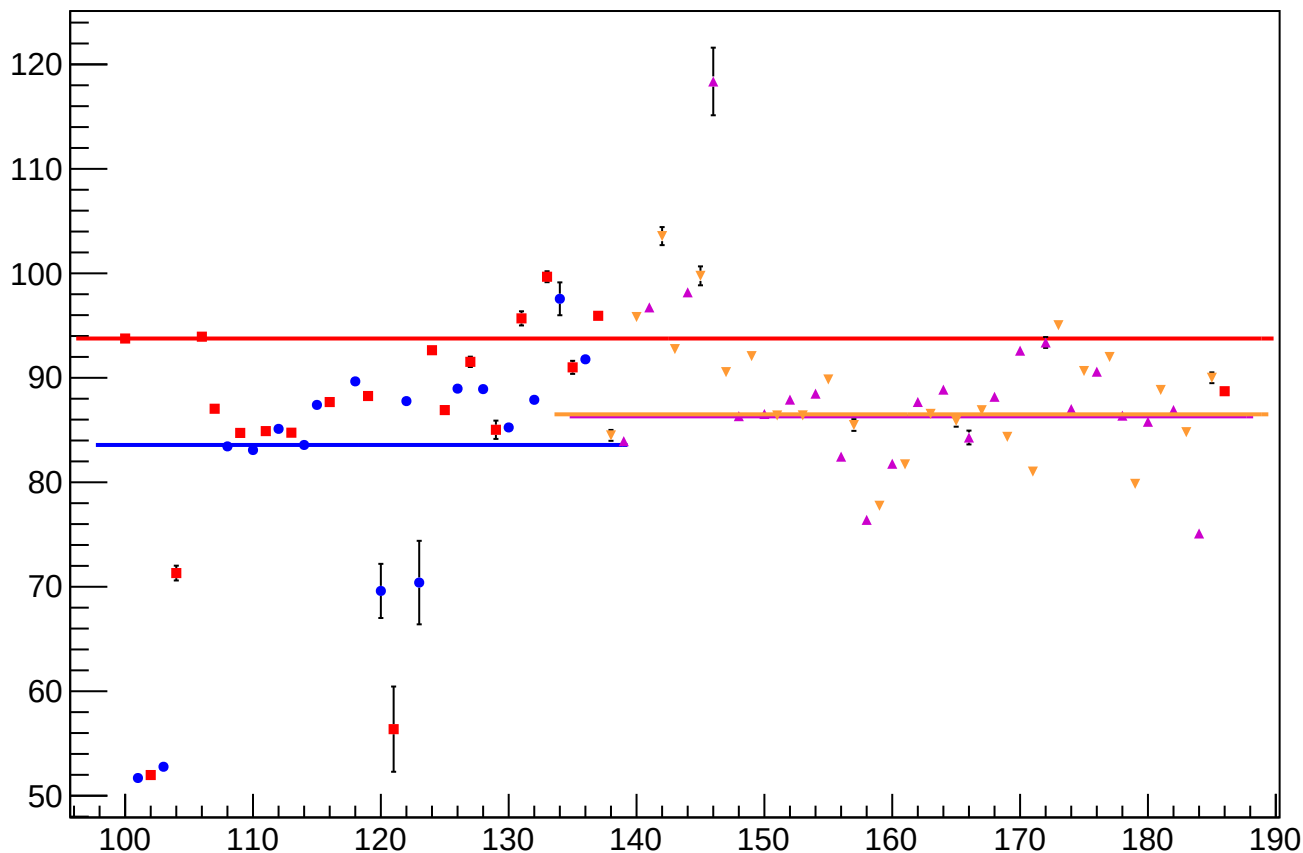
Left In: 107.543+/-0.009 χ^2/NDF :988940.0/22

+ 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

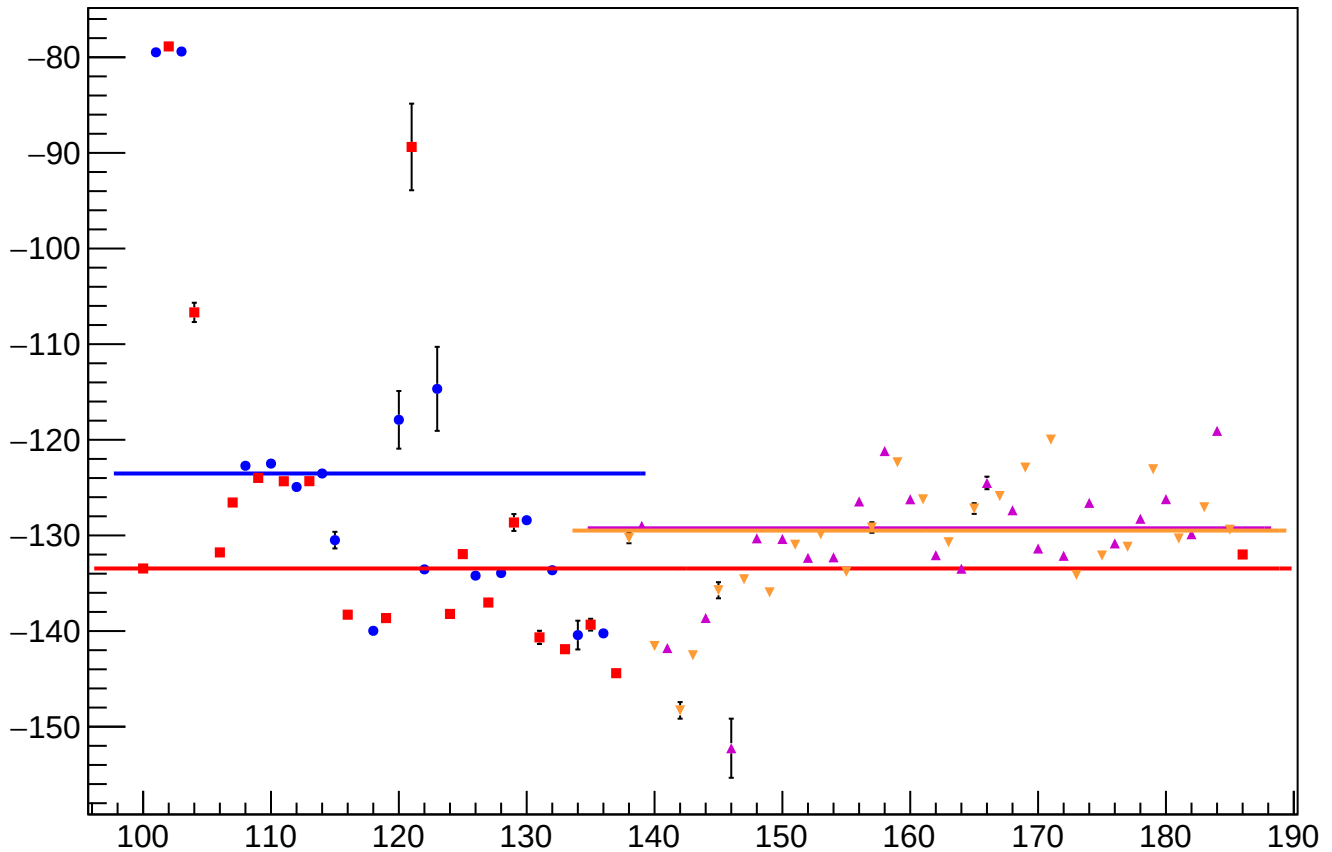
Left In: 86.310+/-0.051 χ^2/NDF : 8666.5/22

+ 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

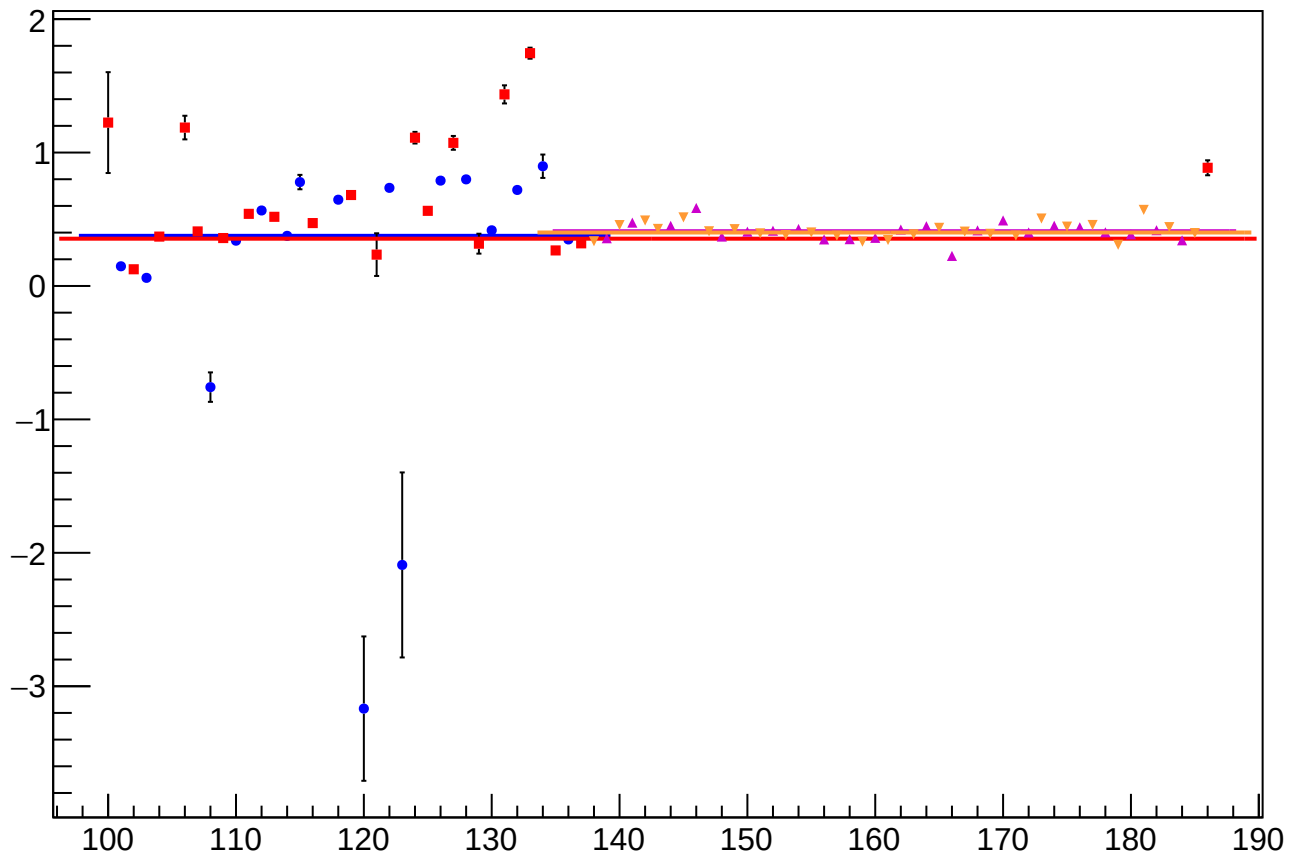
Left In: -129.256 $\pm$ 0.052 χ^2 /NDF:6558.2/22

+ 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

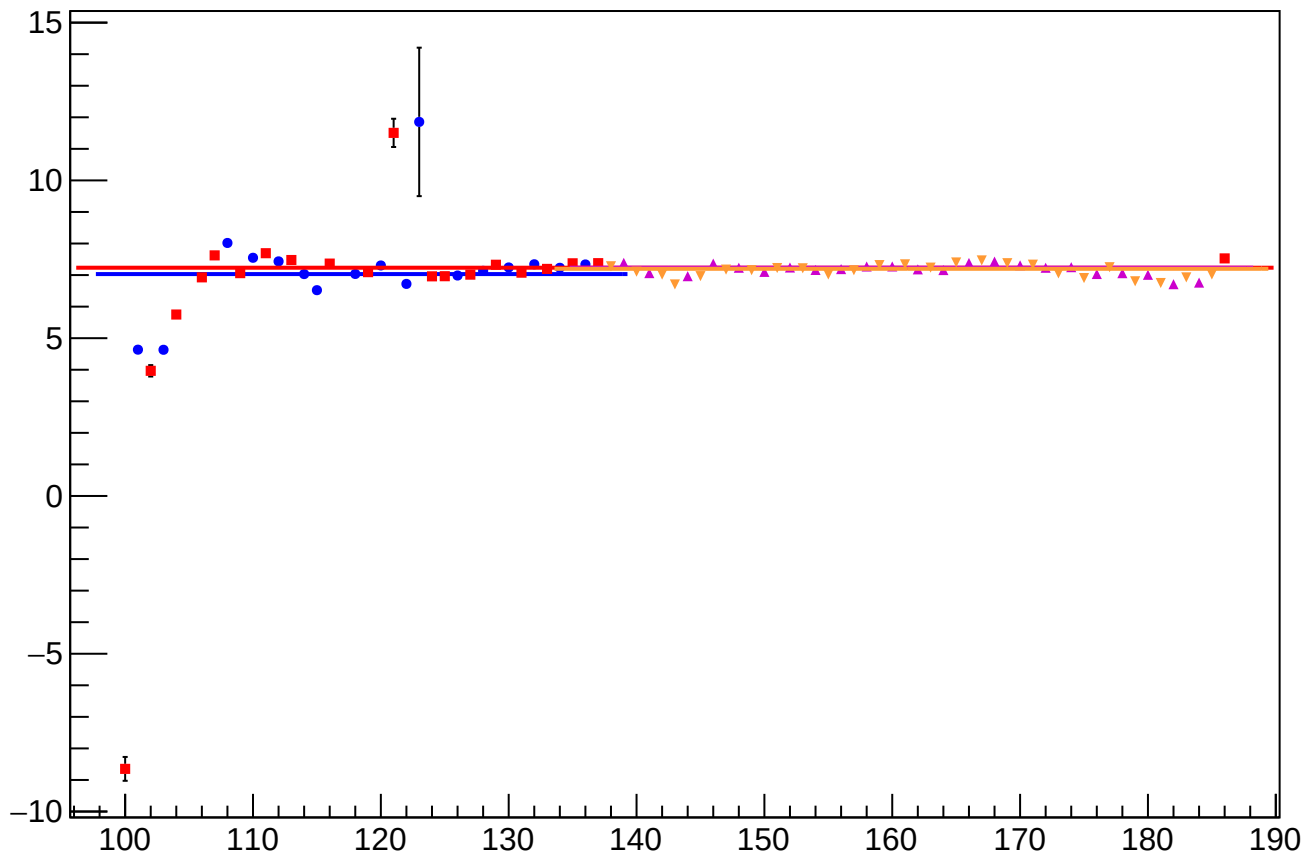
Left In: 0.410 $\pm$ 0.000 χ^2 /NDF:8478.2/22

+ 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

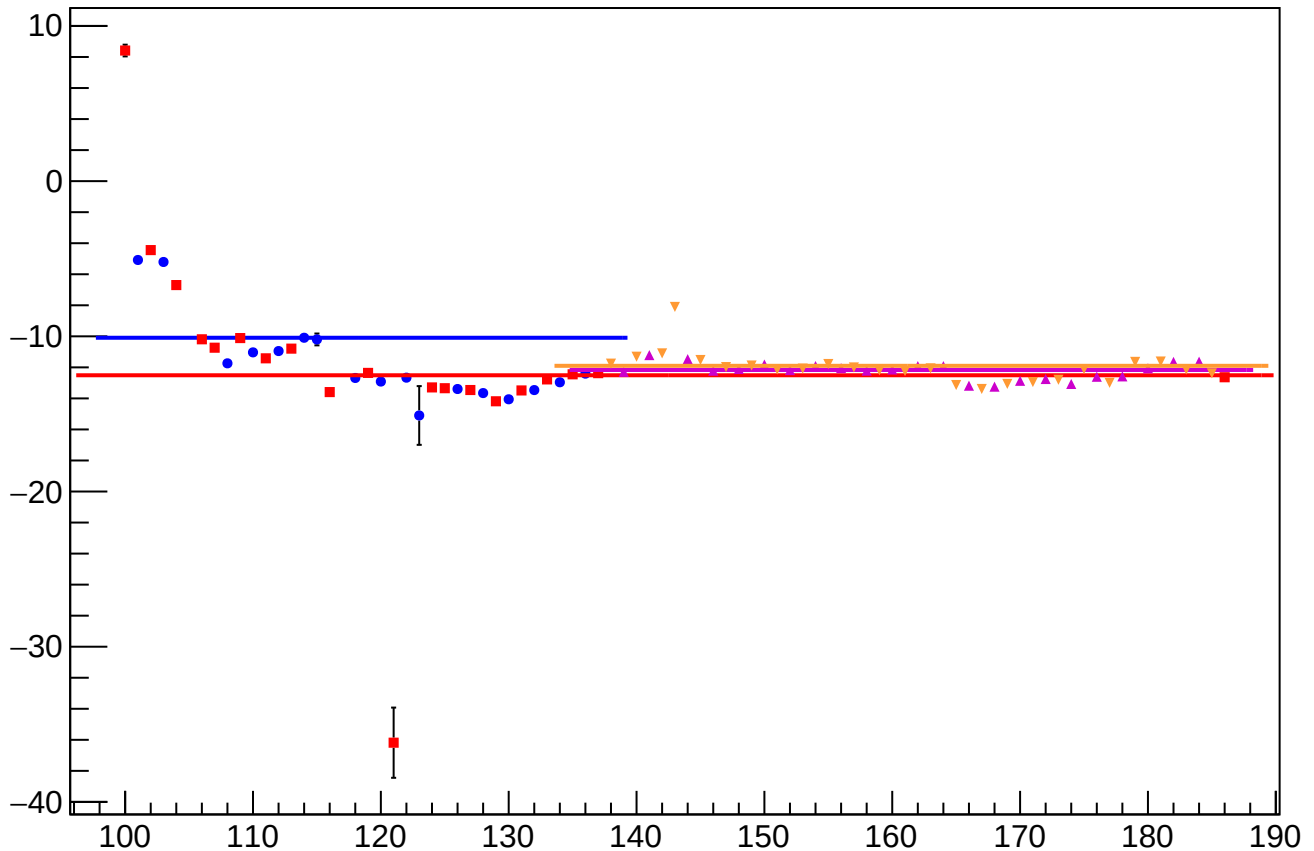
Left In: 7.233 ± 0.001 χ^2/NDF : 23085.0/22

+ 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

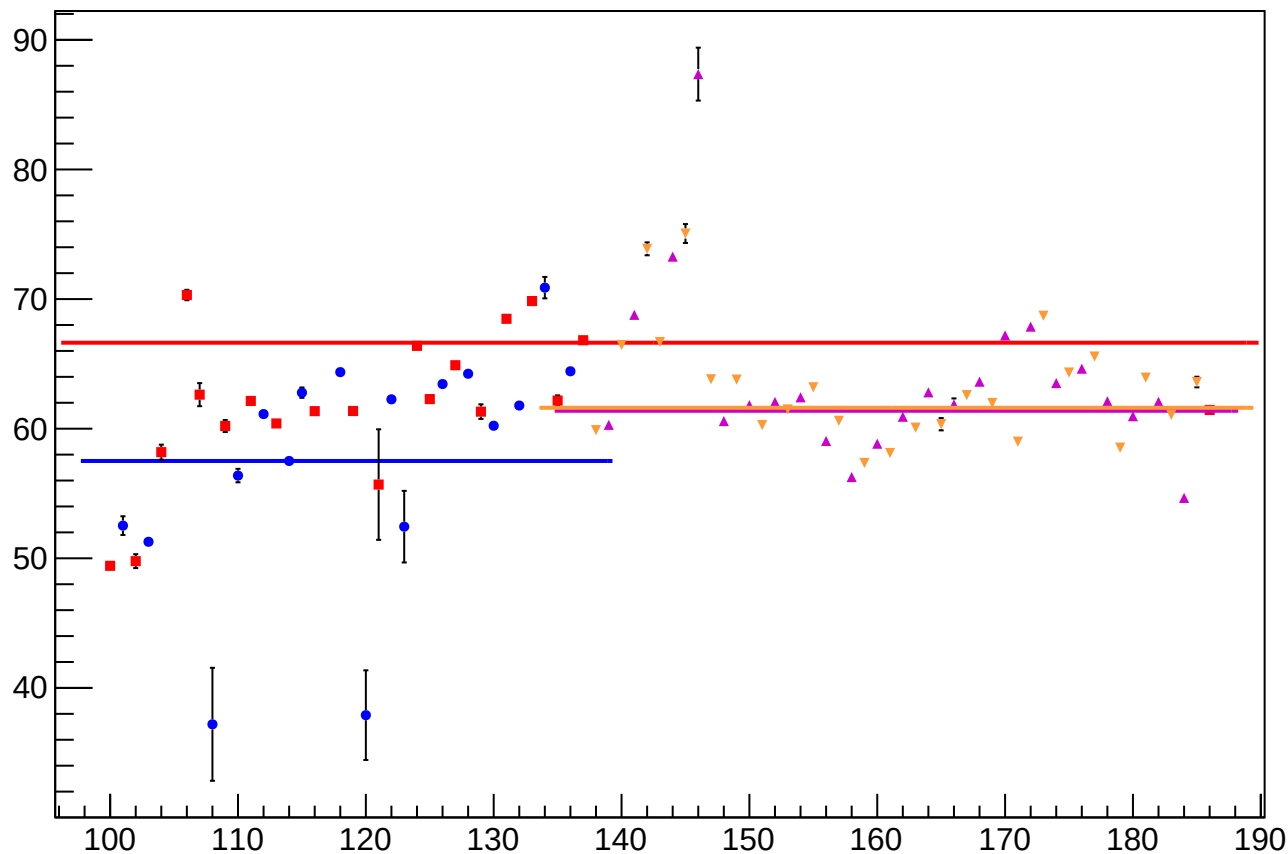
Left In: -12.169 $\pm$ 0.002 χ^2 /NDF: 49568.3/22

+ 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+/-0.000 χ^2/NDF : 8108.6/16

Left Out: 61.615+/-0.039 χ^2/NDF : 7756.9/24

Right Out: 66.634+/-0.013 χ^2/NDF : 8484.7/19

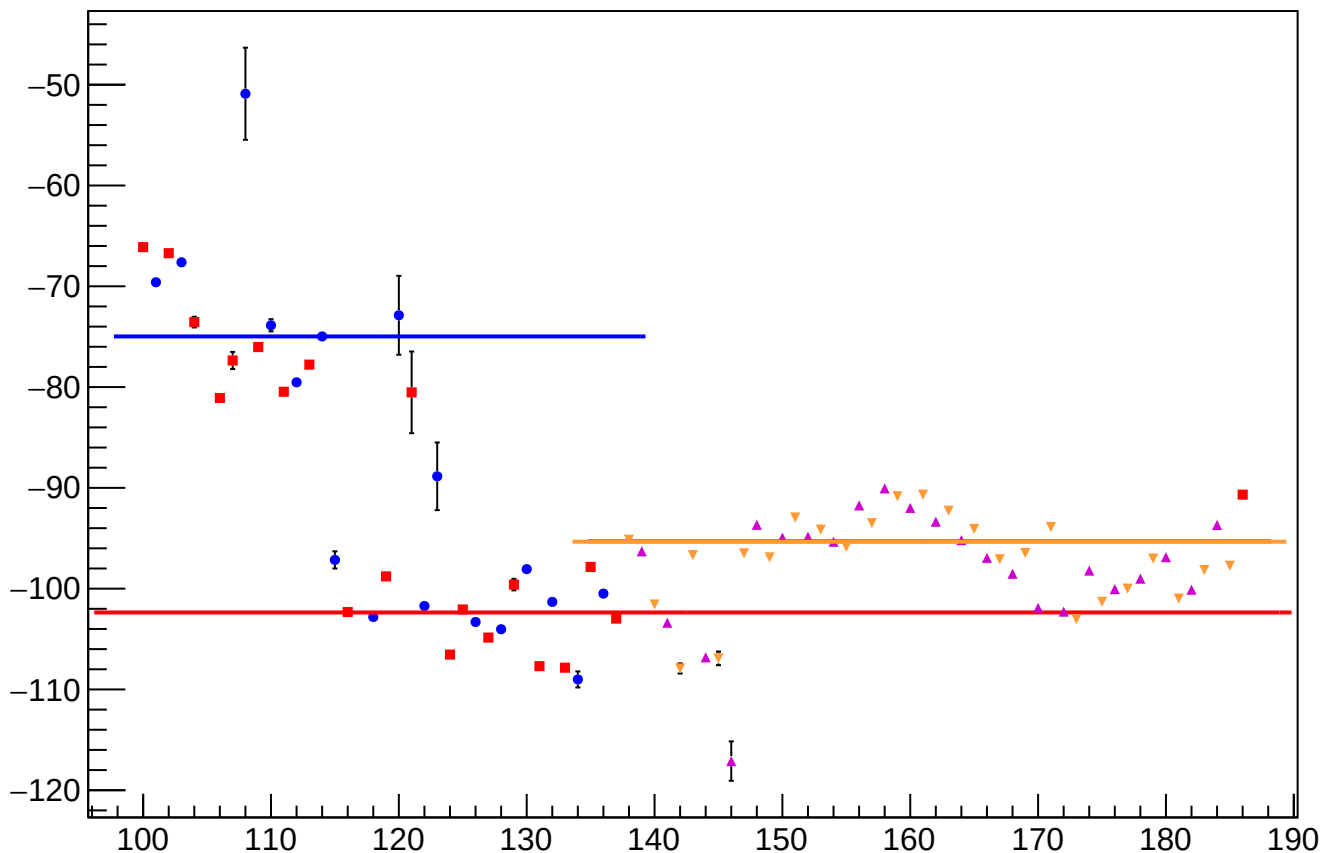
Left In: 61.383+/-0.033 χ^2/NDF : 8900.0/22

+ sign 57.510+/-0.000 χ^2/NDF : 27006.4/41

All: 57.510+/-0.000 χ^2/NDF : 546572.9/84

- sign 65.906+/-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

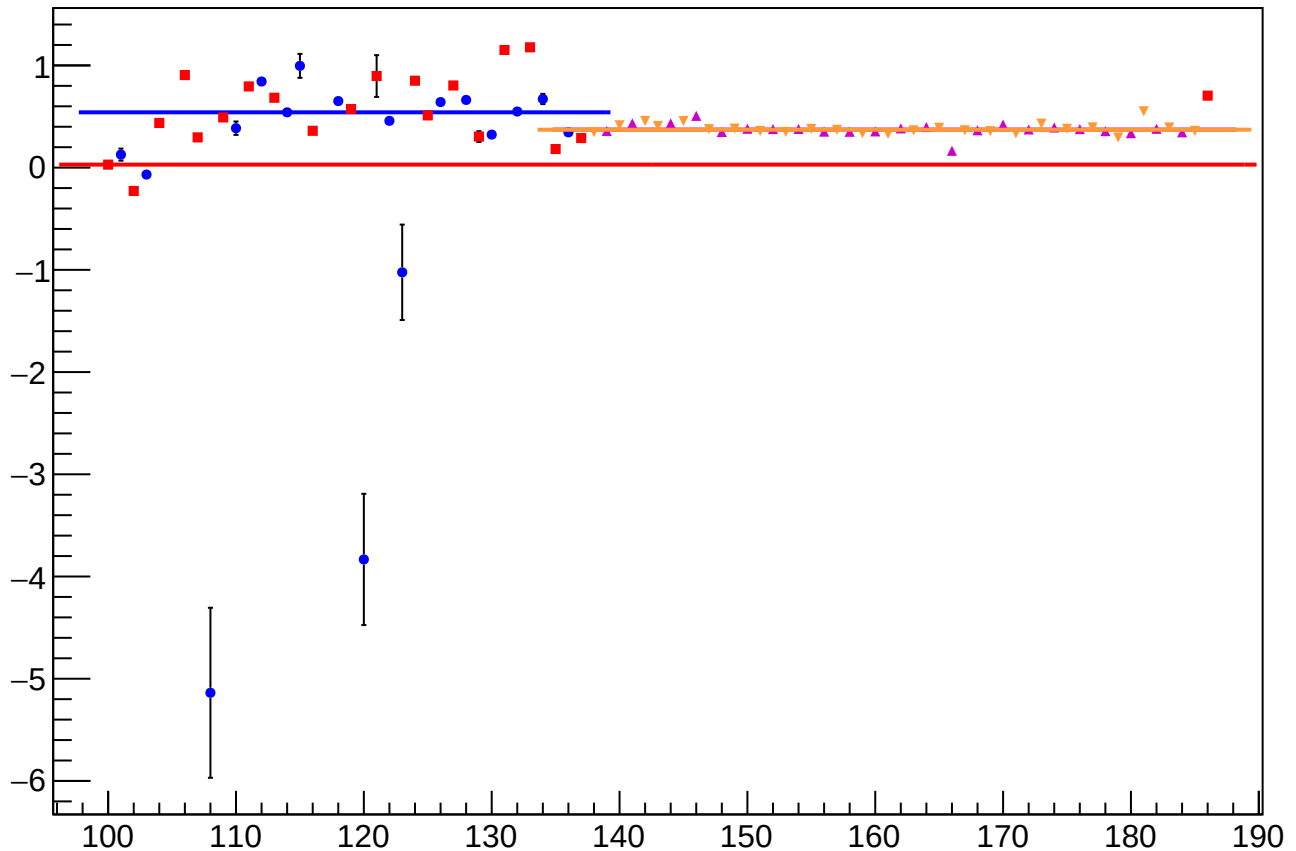
Left In: -95.301 $\pm$ 0.033 χ^2 /NDF: 11271.5/22

+ 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

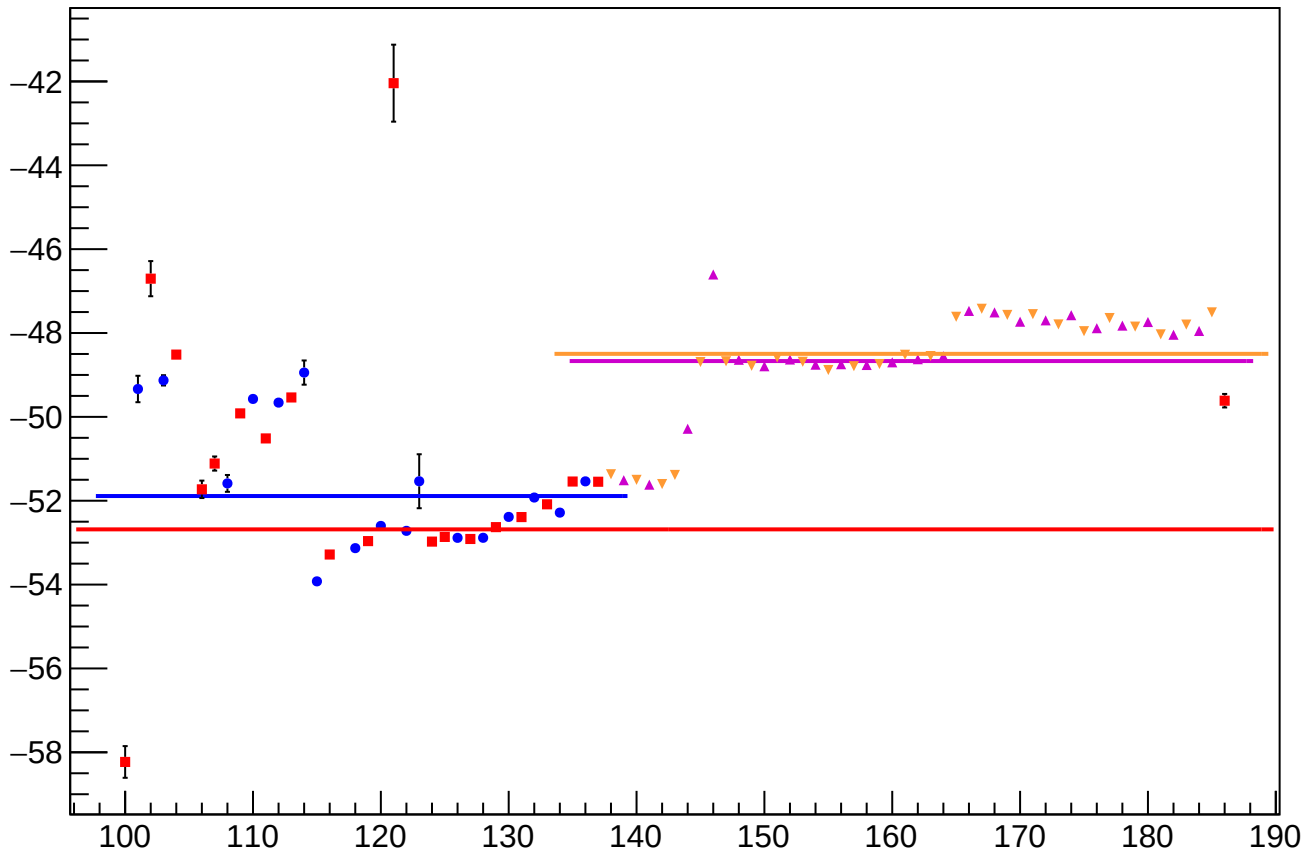
Left In: 0.372 ± 0.000 χ^2/NDF : 6020.6/22

+ 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 ± 0.002 χ^2/NDF : 77585.2/16

Left Out: -48.497 ± 0.001 χ^2/NDF : 699790.4/24

Right Out: -52.683 ± 0.003 χ^2/NDF : 56487.7/19

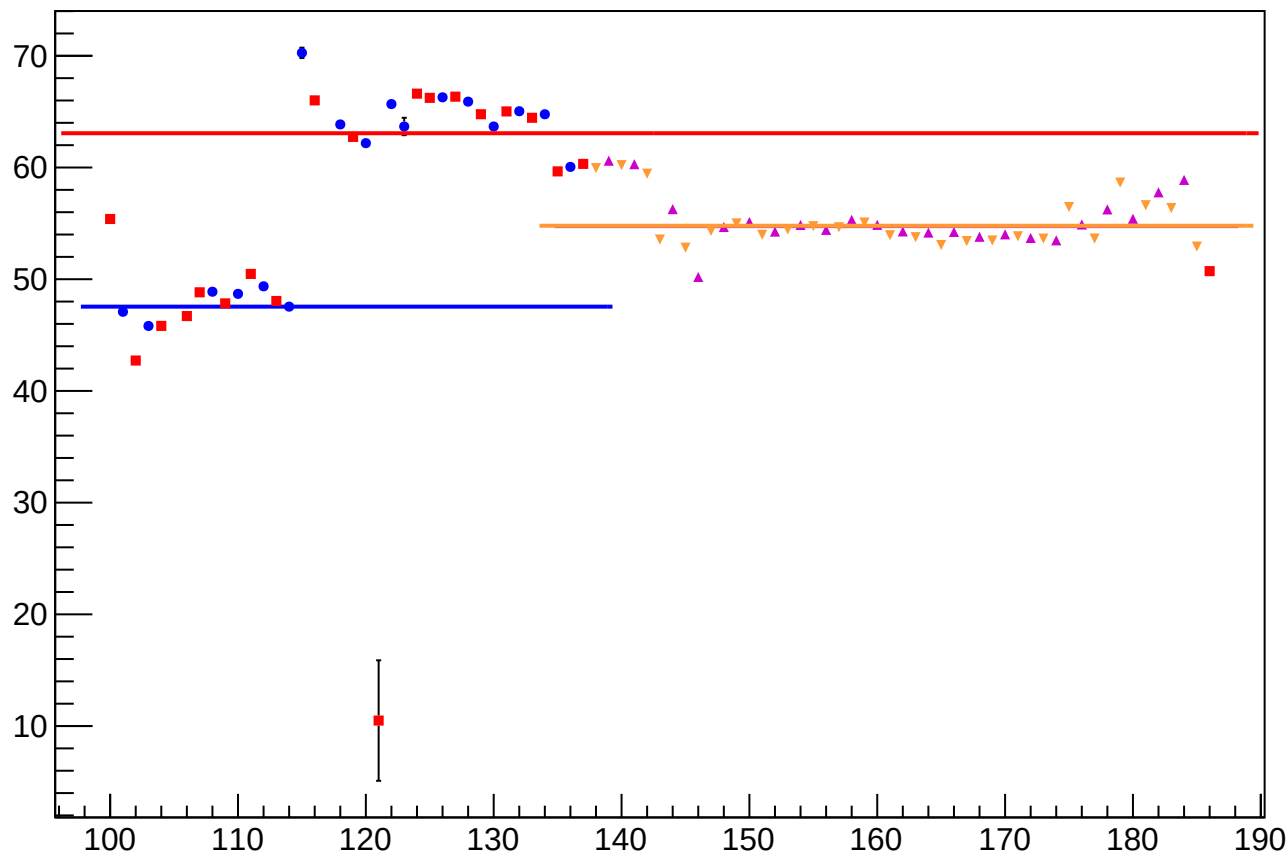
Left In: -48.669 ± 0.001 χ^2/NDF : 809321.2/22

+ sign -49.128 ± 0.001 χ^2/NDF : 2662579.0/41

All: -49.136 ± 0.001 χ^2/NDF : 5698547.9/84

- sign -49.142 ± 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

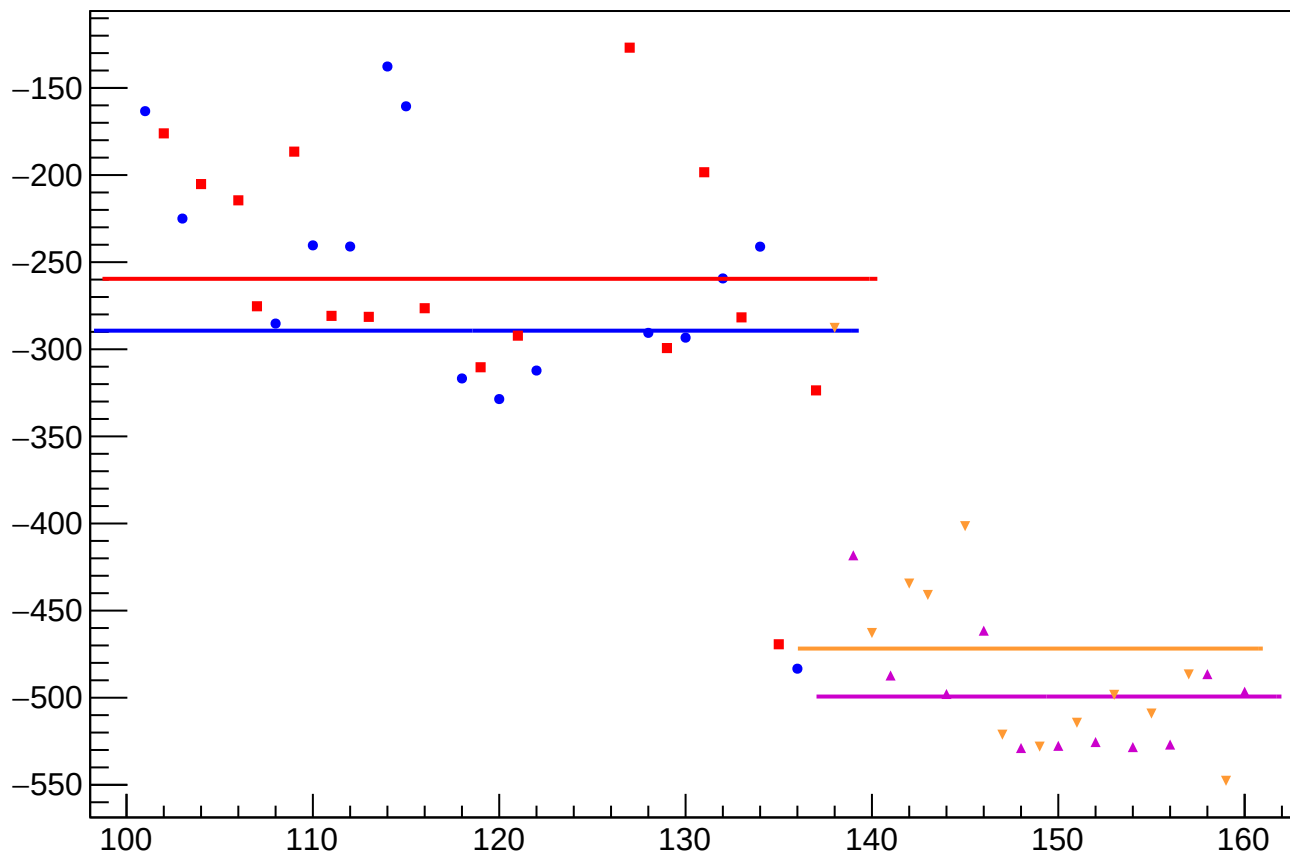
Left In: 54.755 $\pm$ 0.003 χ^2 /NDF:100763.3/22

+ 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

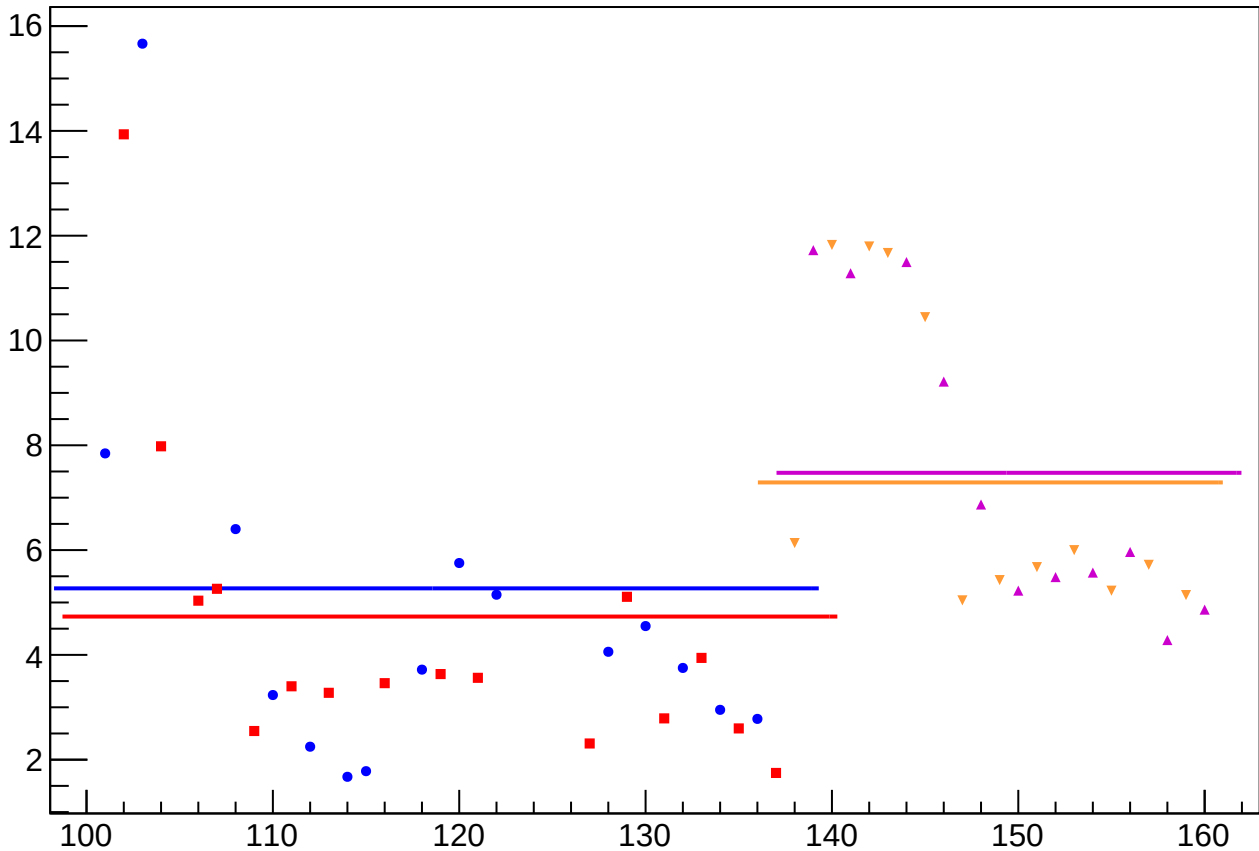
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

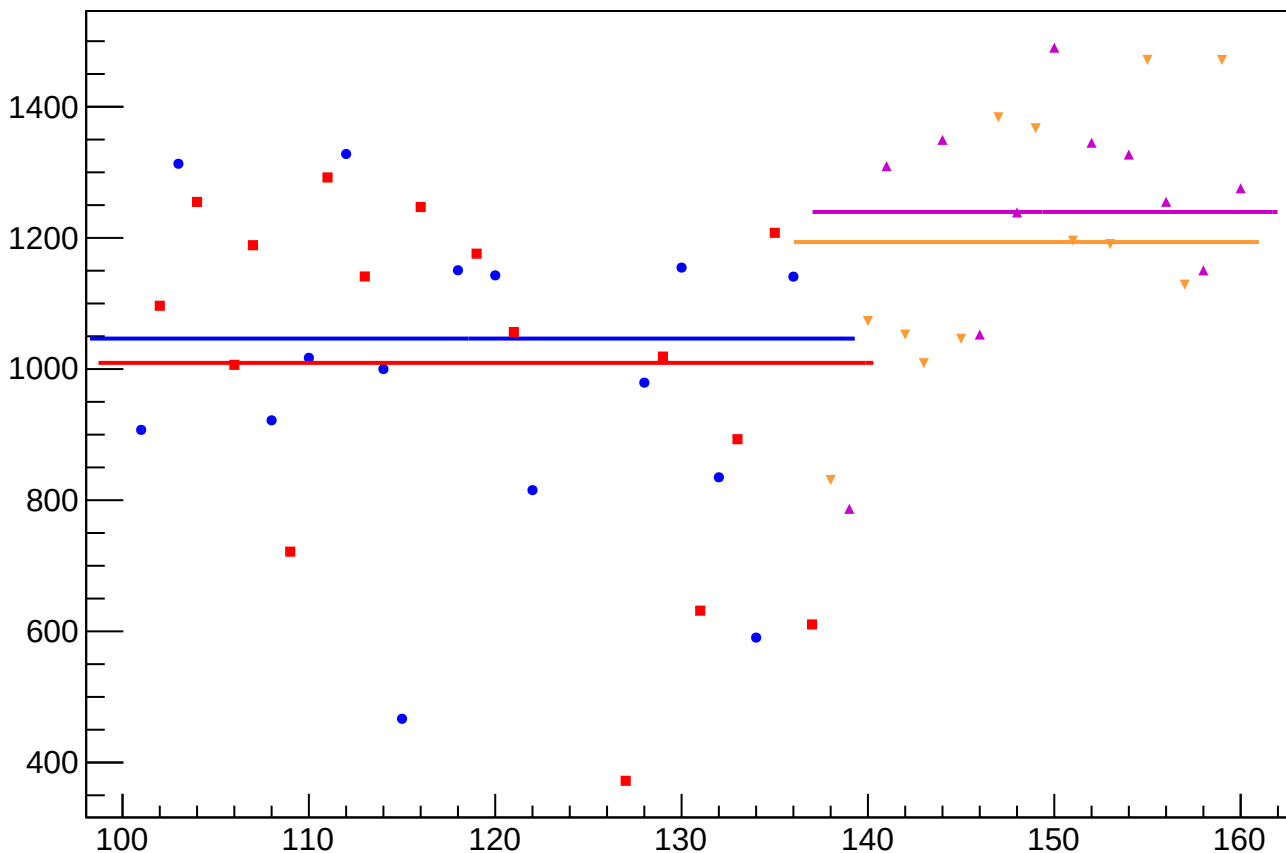
- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270 ± 0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14
 Left Out: 7.291 ± 0.000 χ^2/NDF : 6718053515172863885836432351166464.0/11
 Right Out: 4.732 ± 0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15
 Left In: 7.475 ± 0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

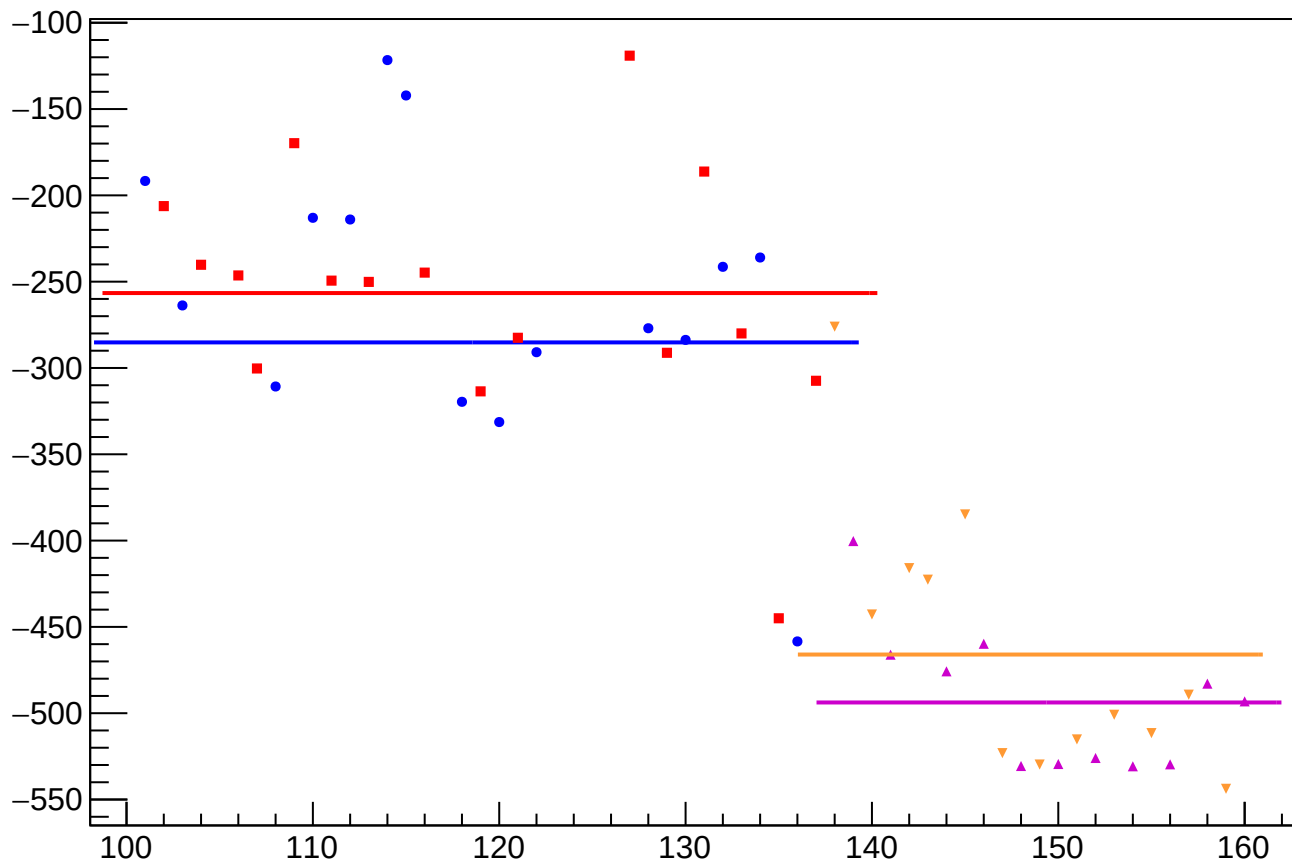
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

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_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -466.012+/-0.000 χ^2/NDF : 5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

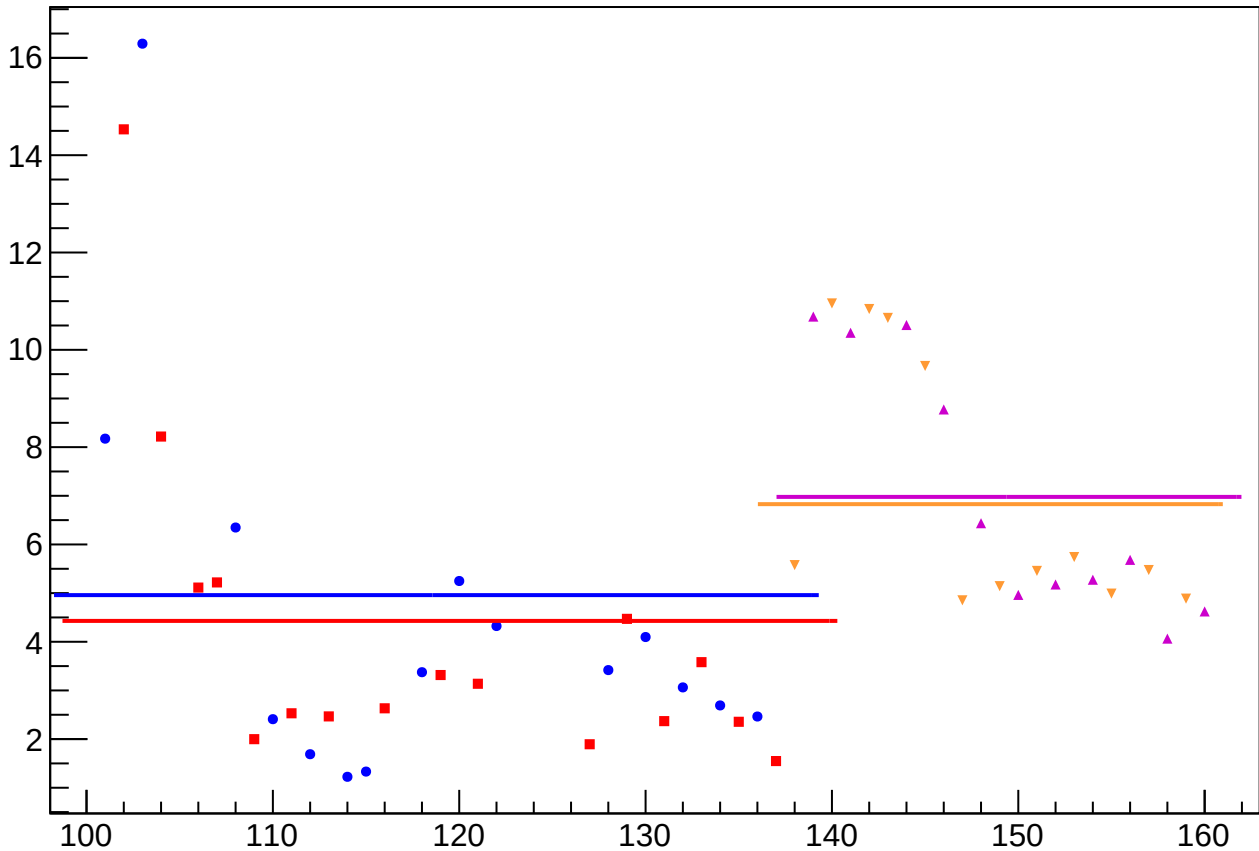
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF : 22079891664929

All: -392.652+/-0.000 χ^2/NDF : 48980613059

- sign -394.346+/-0.000 χ^2/NDF : 268915126522349

dit_4eX_coil1_err_mean vs Slug



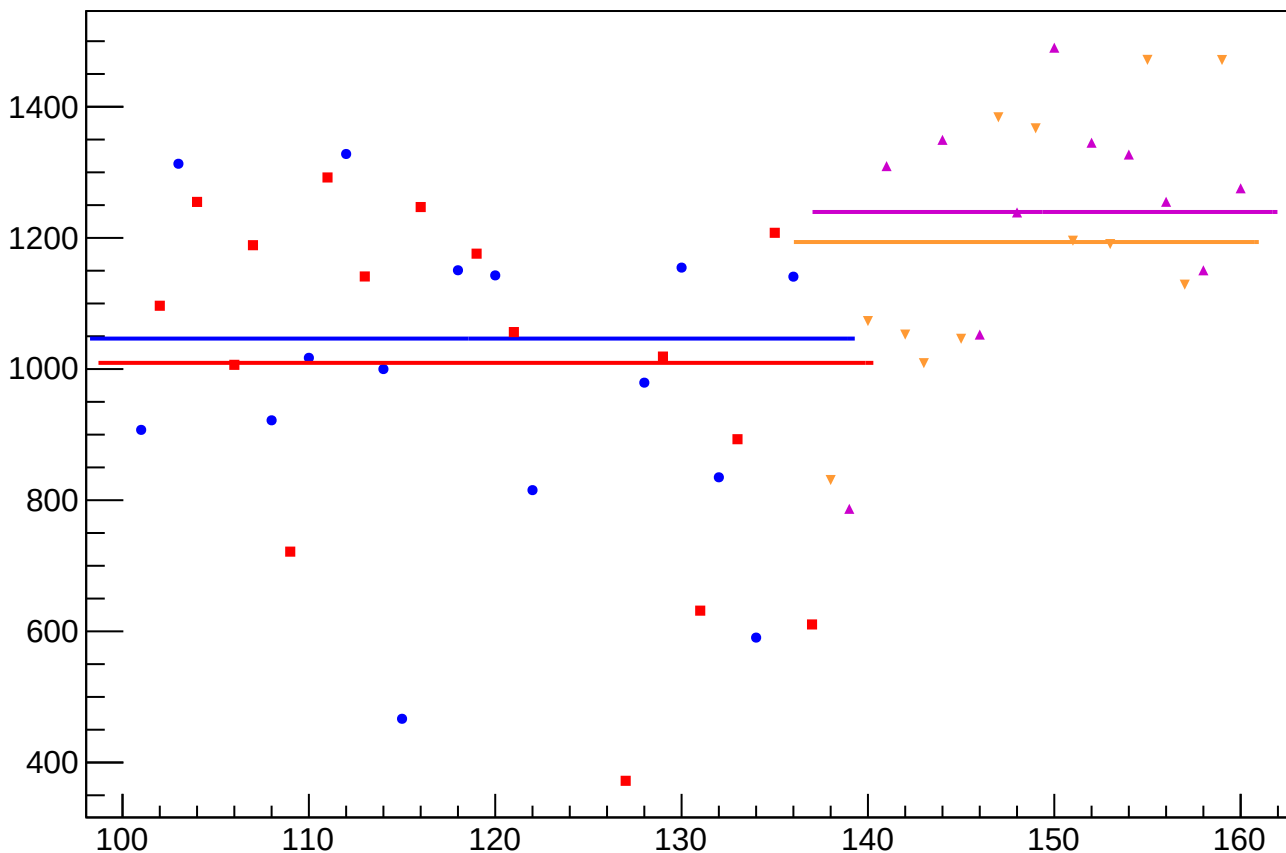
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.828+/-0.000 χ^2/NDF : 5374095498583312473439971131260928.0/11

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF : 5622697014277754941158413236699136.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

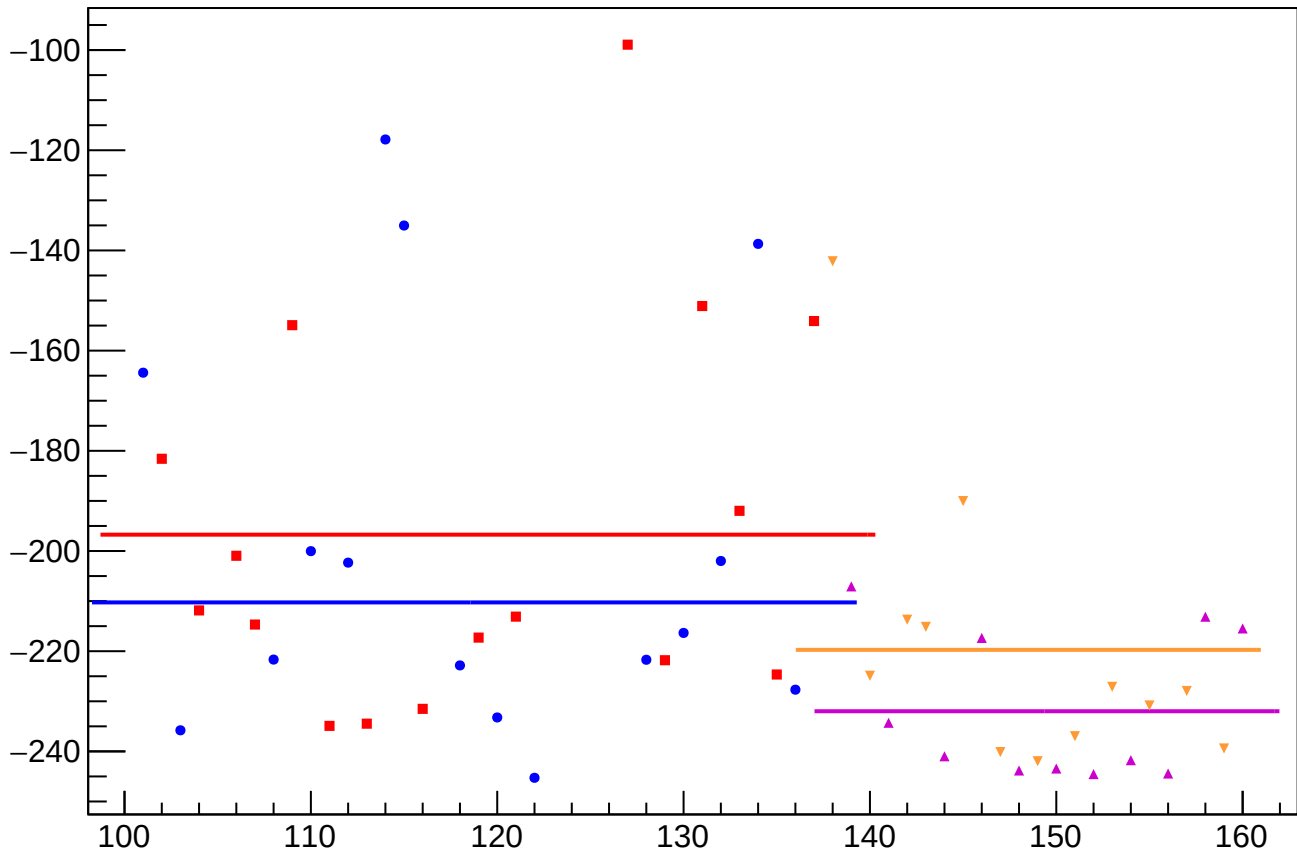
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

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

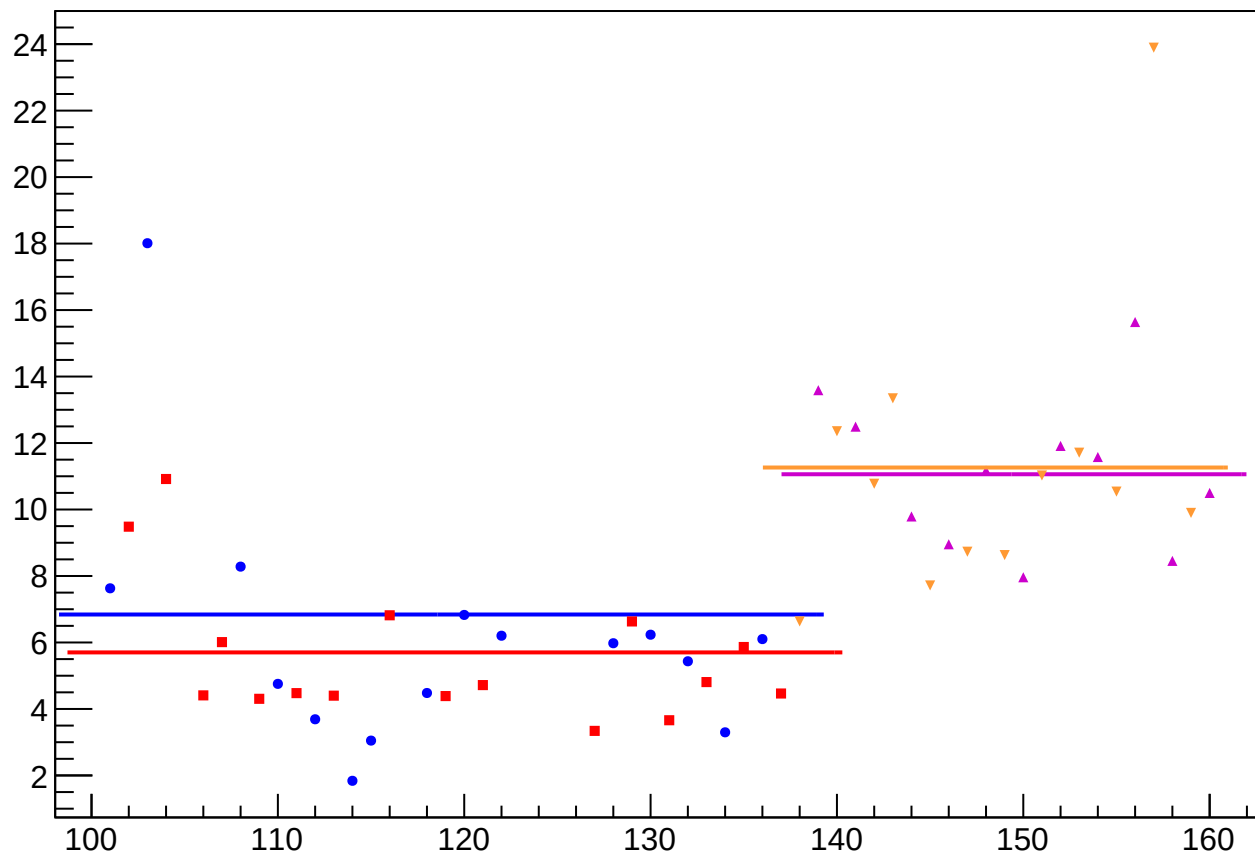
Left In: -231.985+/-0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ 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

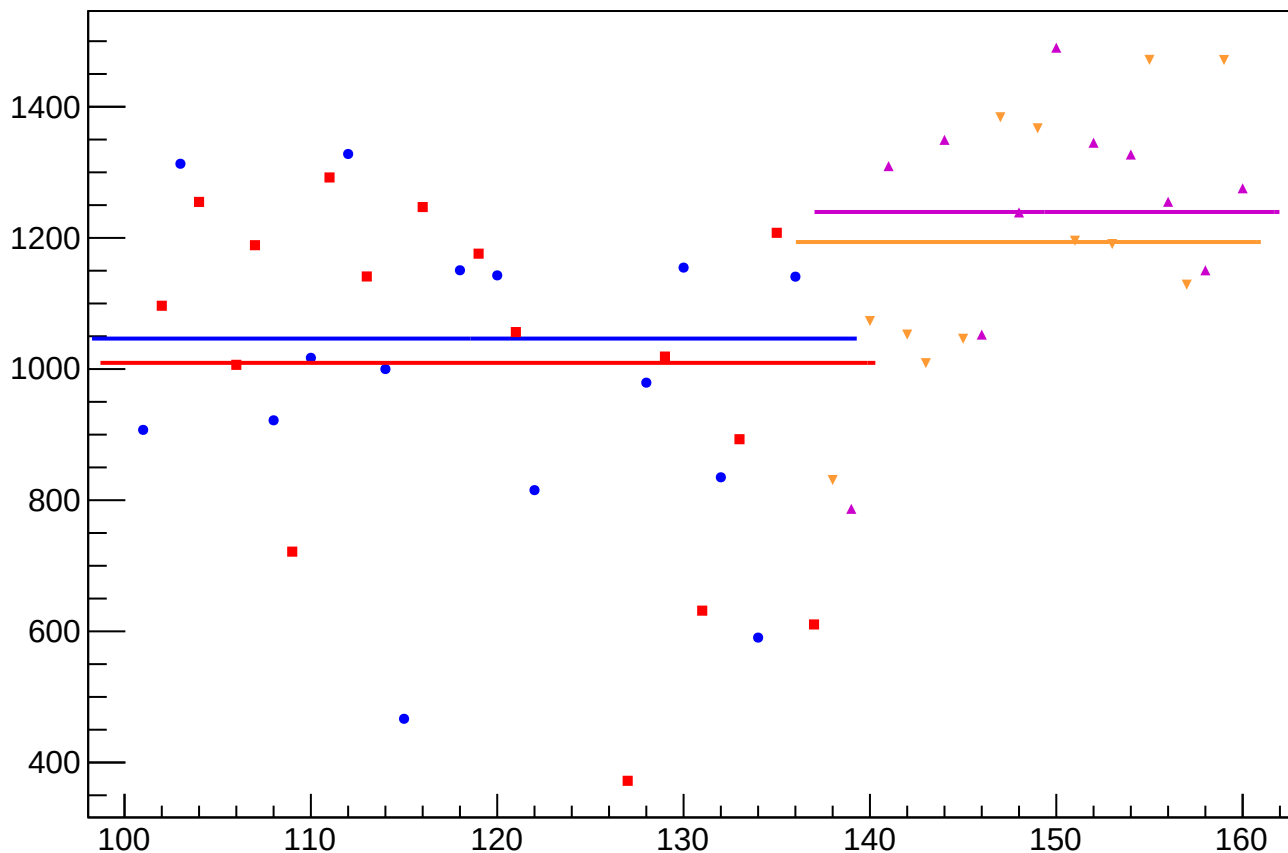
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ 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

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

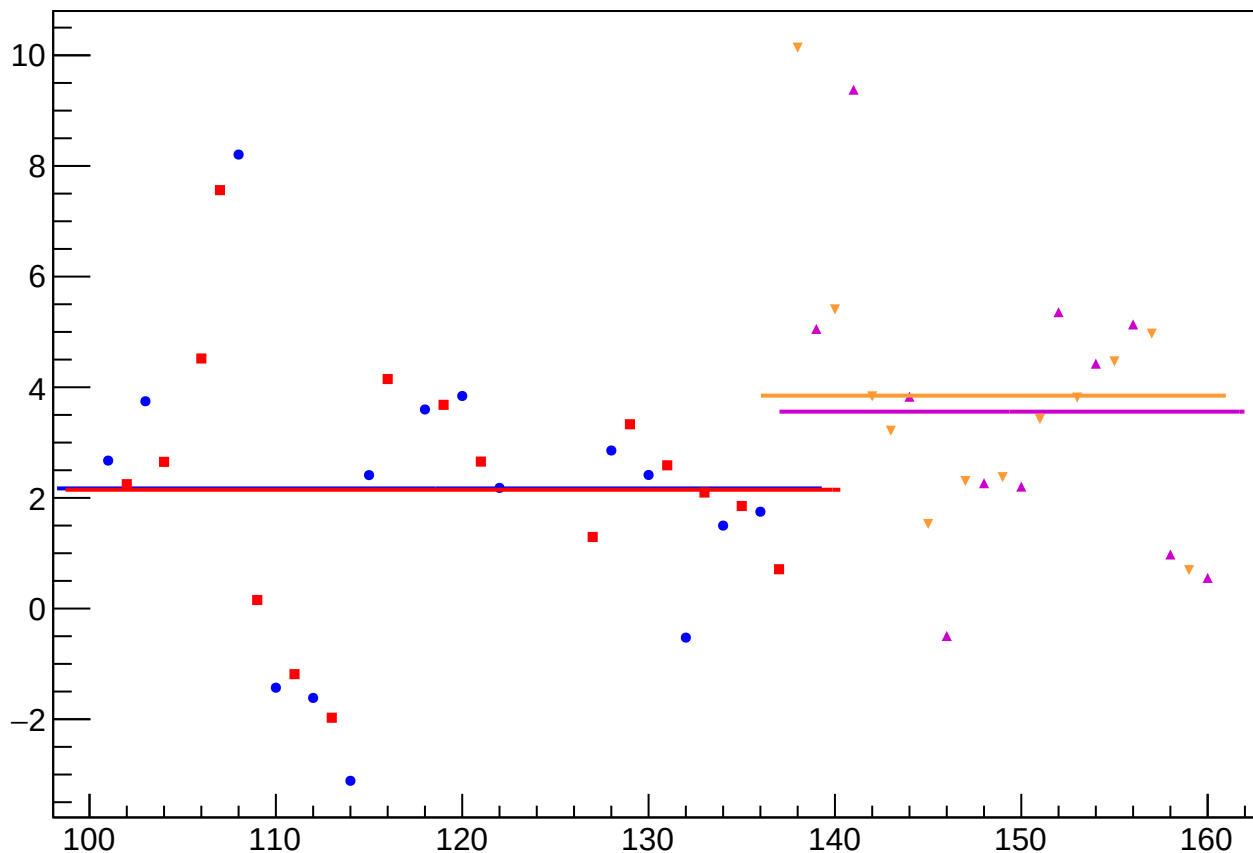
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

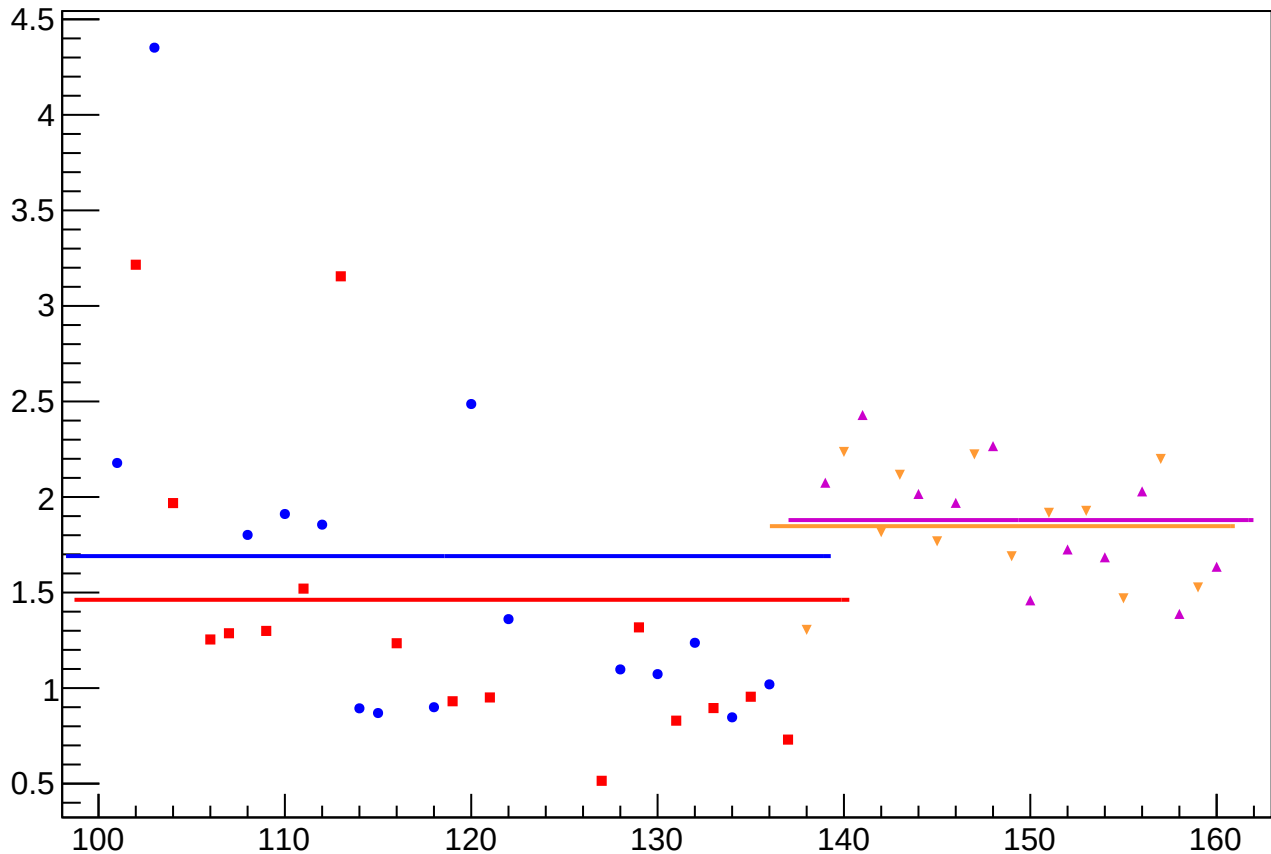
dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000	χ^2/NDF : 3599819246909975678410499691642880.0/14
Left Out: 3.848+/-0.000	χ^2/NDF : 5039599457588936759406360166137856.0/11
Right Out: 2.148+/-0.000	χ^2/NDF : 3093887336239378959606321931878400.0/15
Left In: 3.559+/-0.000	χ^2/NDF : 6492667345109962540652165758713856.0/10

+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652
 All: 3.059+/-0.000 χ^2/NDF : 20091616900140
 - sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

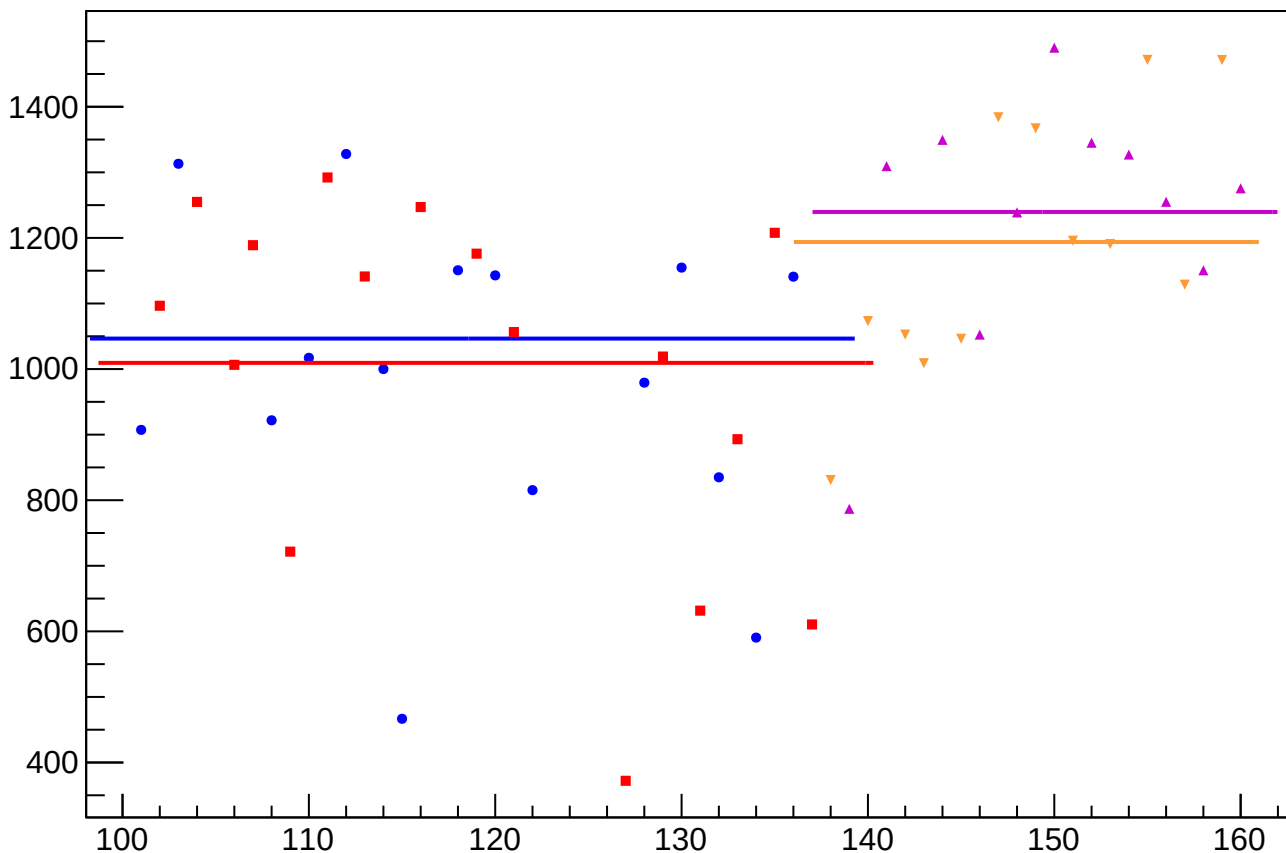
dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 ± 0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.847 ± 0.000 χ^2/NDF : 84162850183102511254837045231616.0/11
 Right Out: 1.462 ± 0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: 1.879 ± 0.000 χ^2/NDF : 90968052268112309617342982127616.0/10

+ sign 1.782 ± 0.000 χ^2/NDF : 70564815632258701
 All: 1.743 ± 0.000 χ^2/NDF : 13132209144747
 - sign 1.704 ± 0.000 χ^2/NDF : 60277351909397025

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

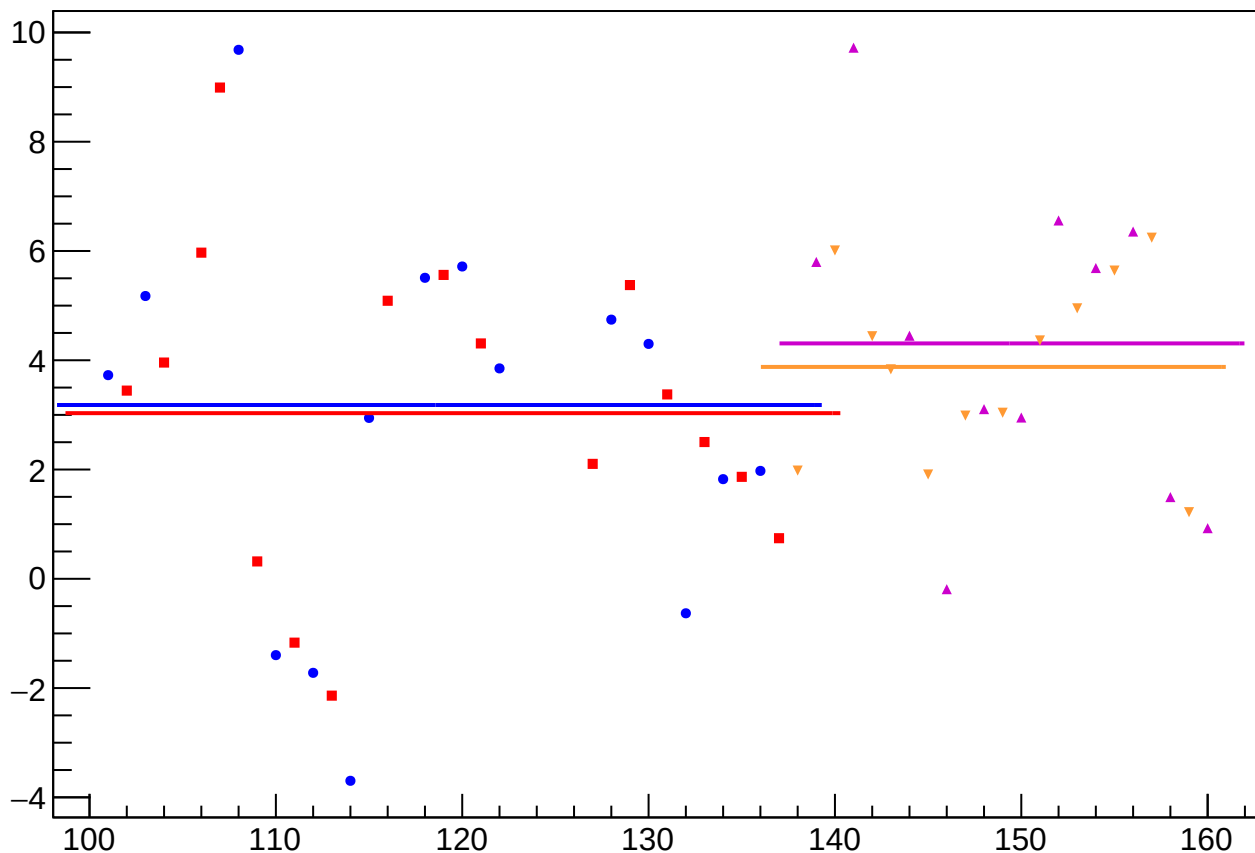
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441
 All: 1137.884+/-0.000 χ^2/NDF : 16179959910
 - sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000

χ^2/NDF : 5833303227868252617704566394191872.0/14

Left Out: 3.878+/-0.000

χ^2/NDF : 2463584640289158504459219897417728.0/11

Right Out: 3.032+/-0.000

χ^2/NDF : 4937209831371793945496546833334272.0/15

Left In: 4.308+/-0.000

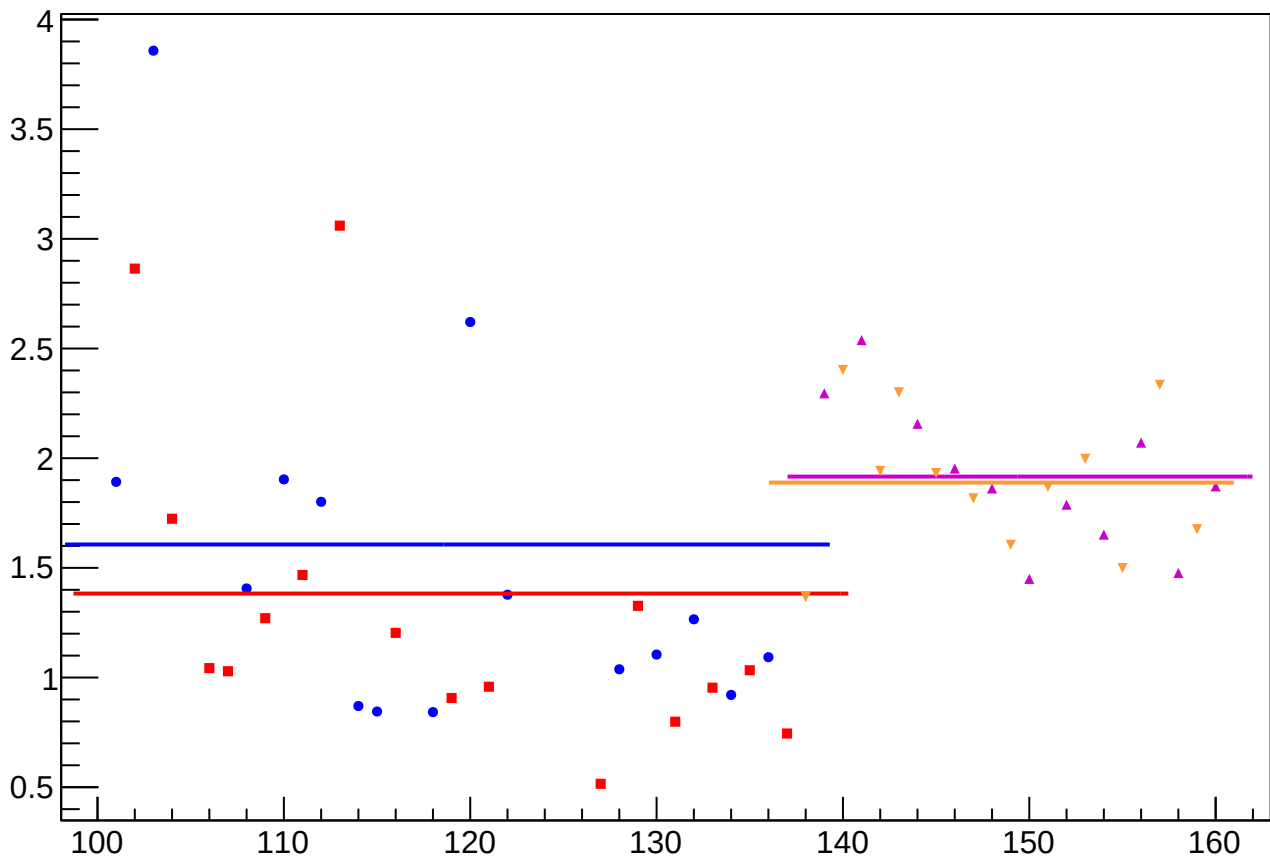
χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.589+/-0.000 χ^2/NDF : 84811787194063263

All: 3.682+/-0.000 χ^2/NDF : 21150064748618

- sign 3.773+/-0.000 χ^2/NDF : 12642039557663055

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.889 $\pm$ 0.000 χ^2 /NDF: 94097326064066188177587241484288.0/11

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

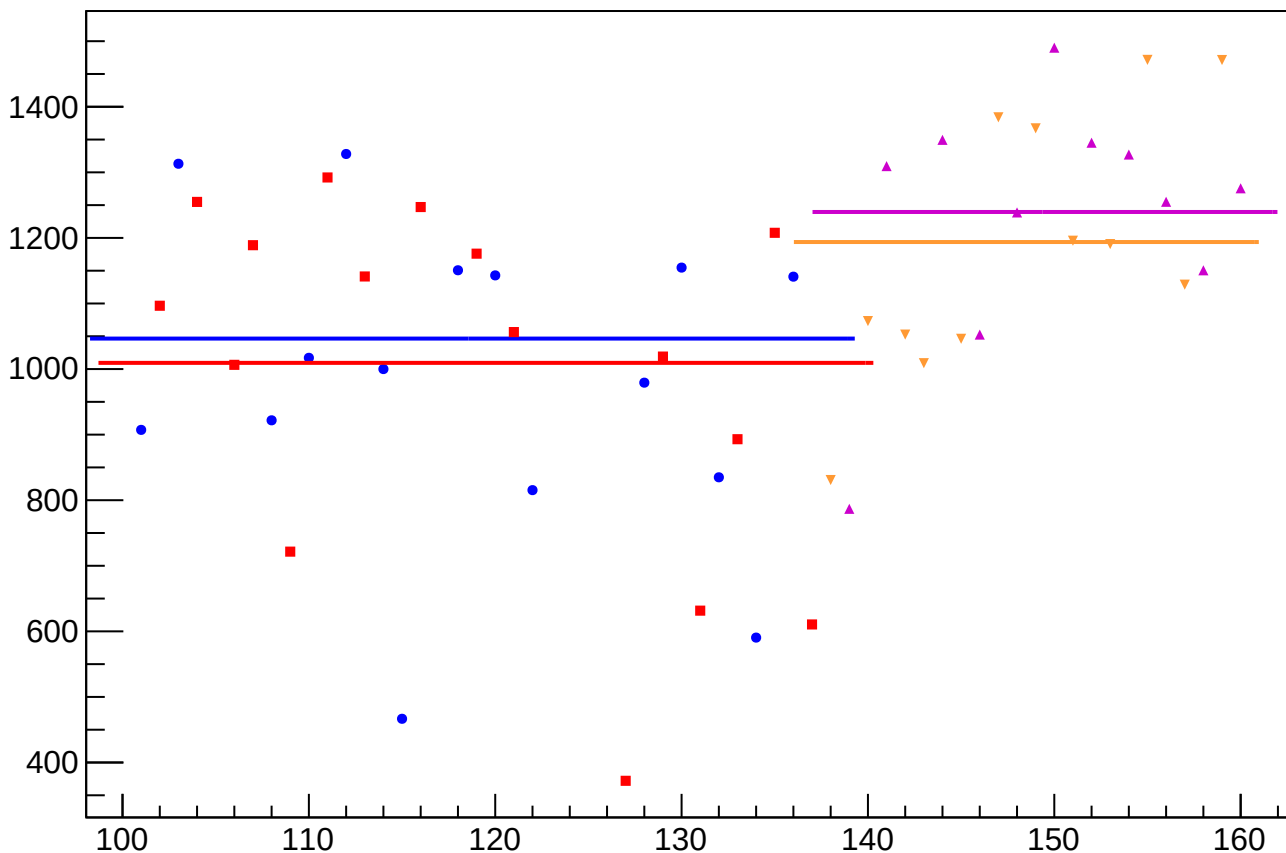
Left In: 1.916 $\pm$ 0.000 χ^2 /NDF: 95276515809016209875699691945984.0/10

+ sign 1.772 $\pm$ 0.000 χ^2 /NDF: 58529175260763022

All: 1.732 $\pm$ 0.000 χ^2 /NDF: 11539749951204

- sign 1.693 $\pm$ 0.000 χ^2 /NDF: 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



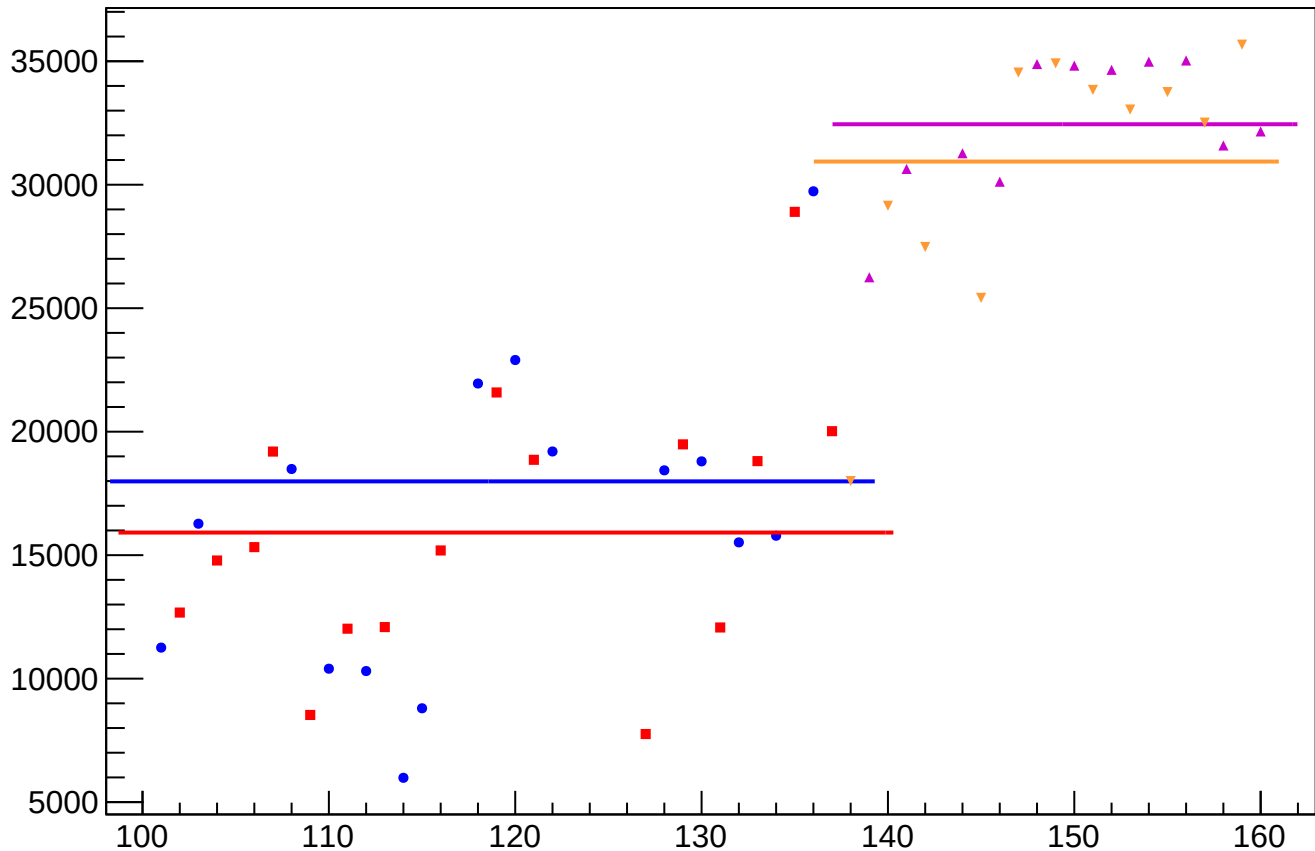
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

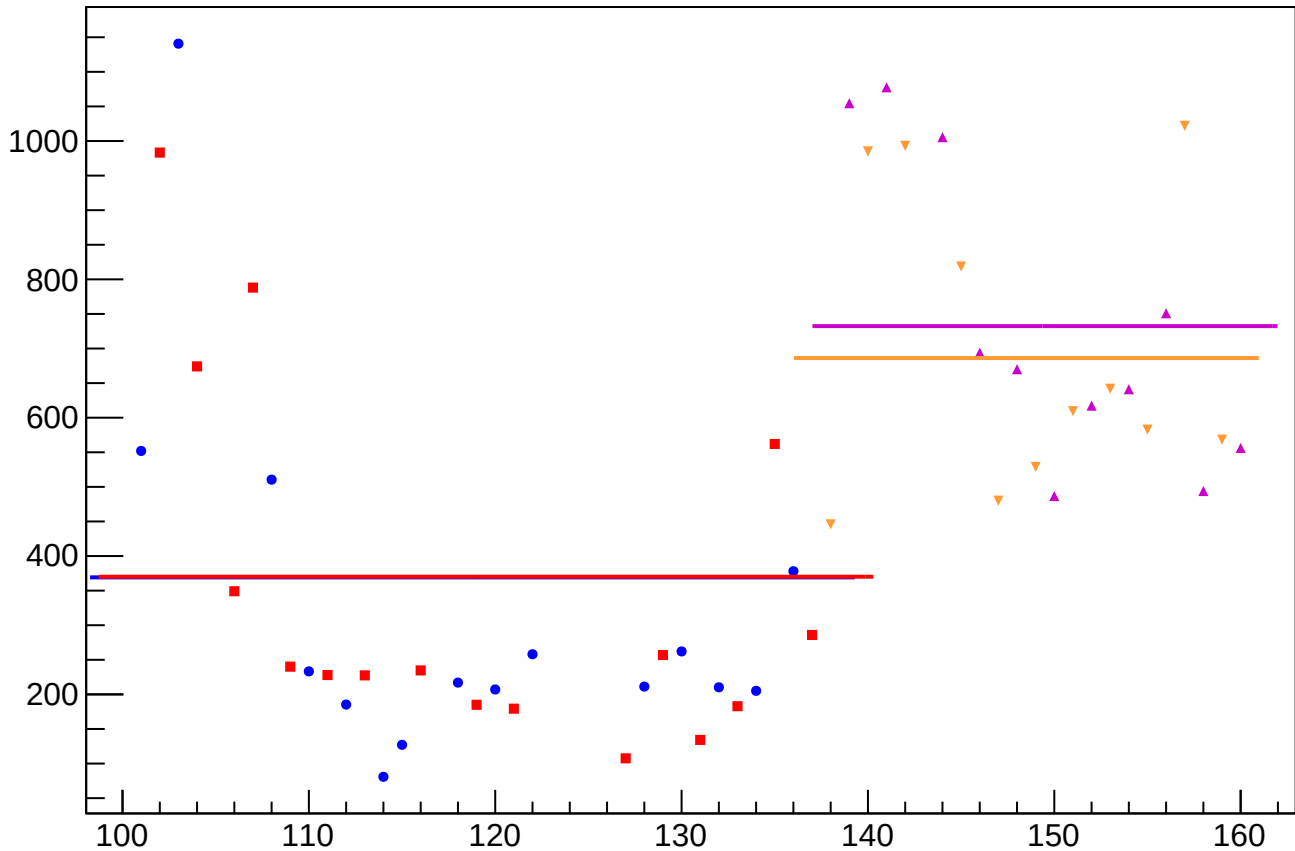
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30938.190+/-0.000	χ^2/NDF : 22231201695257869773275369100022395174912.0/10
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32448.675+/-0.000	χ^2/NDF : 6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF : 1086683983858
 All: 25421.772+/-0.000 χ^2/NDF : 2411086165
 - sign 25517.305+/-0.000 χ^2/NDF : 1324102555101

dit_usl_coil1_err_mean vs Slug



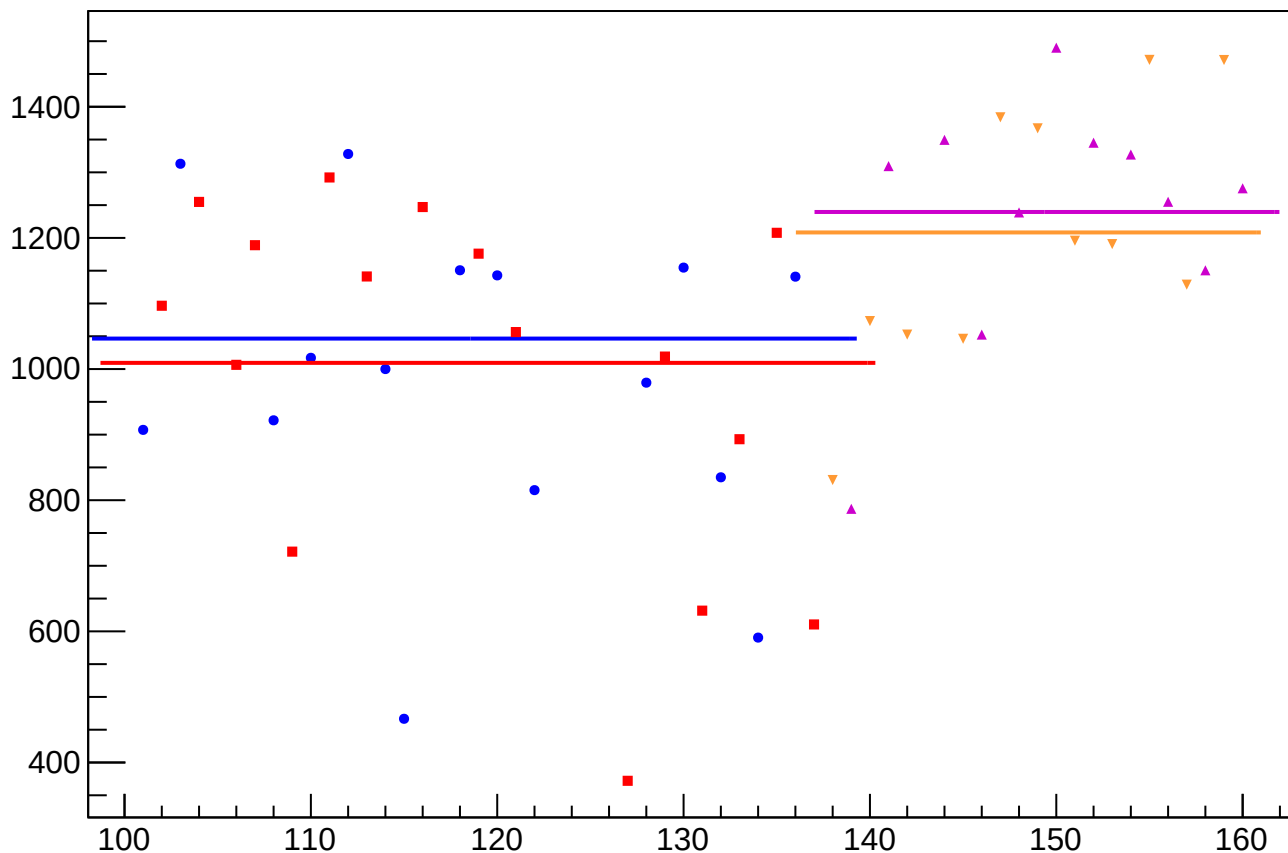
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

Left Out: 686.240+/-0.000 χ^2/NDF : 34417236167842983766159212562513657856.0/10

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF : 31920270949065456215955115636701528064.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

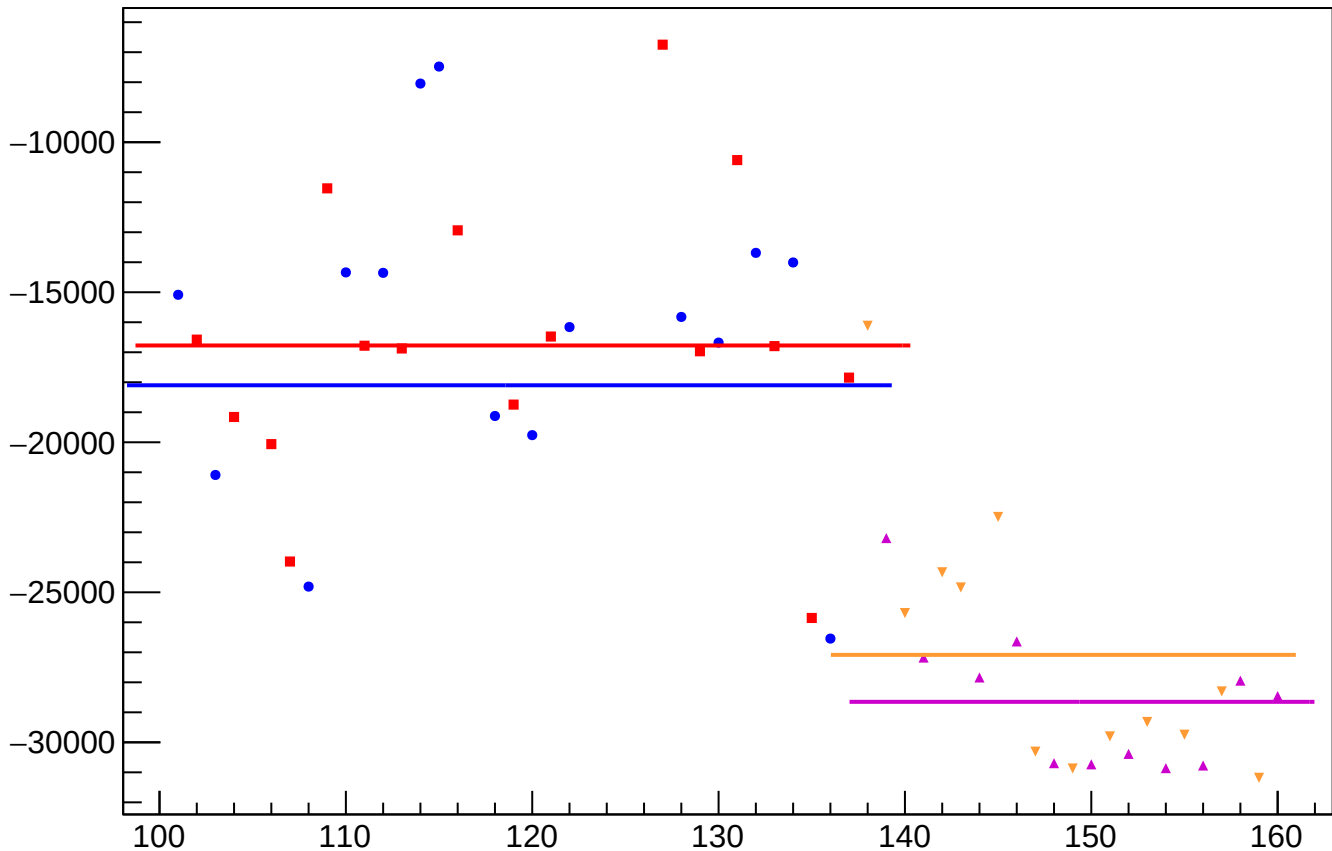
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1140.682+/-0.000 χ^2/NDF : 16066171729

+ sign 1138.127+/-0.000 χ^2/NDF : 66412650690815

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

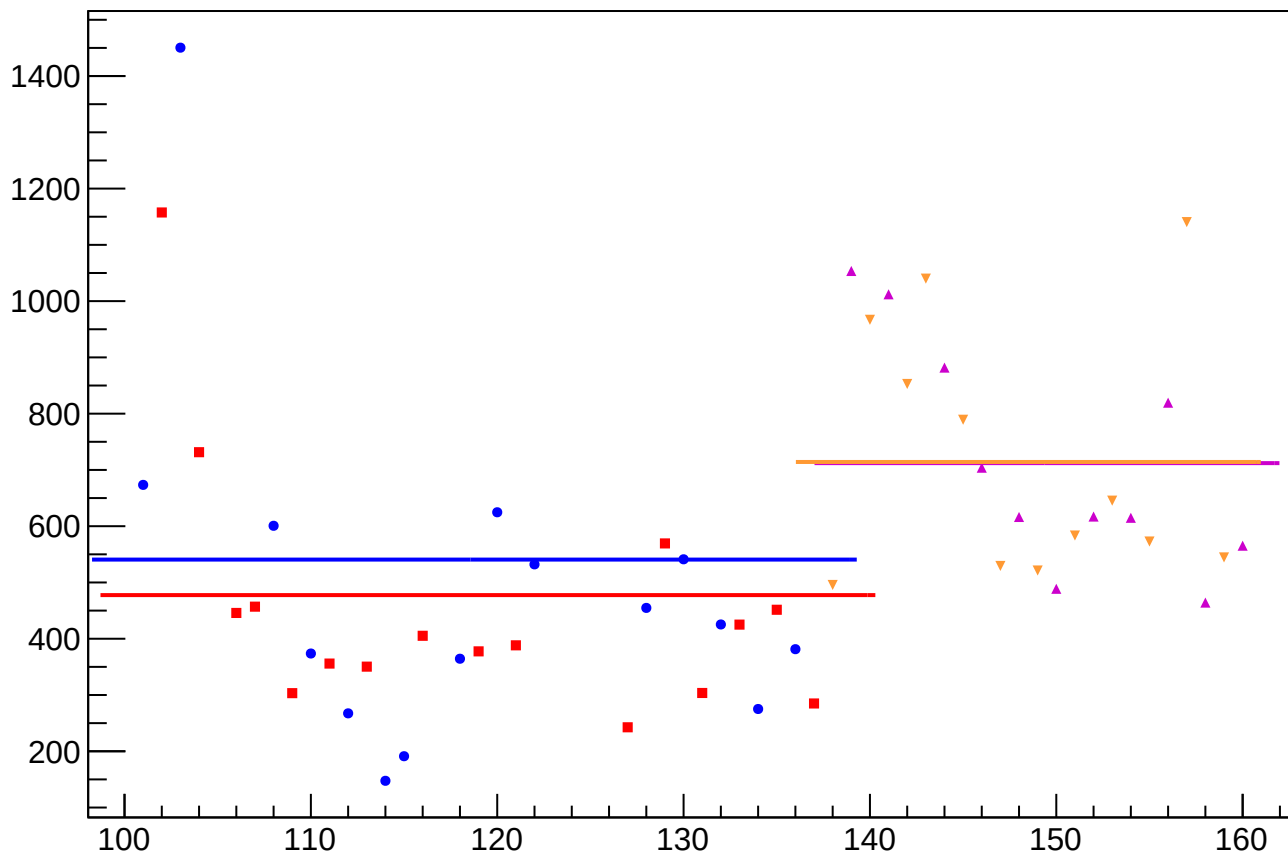
dit_usr_coil1_mean vs Slug



Right In: -18100.637 ± 0.000 $\chi^2/\text{NDF}: 14634967546173586967632040765428699496448.0/14$
 Left Out: -27085.326 ± 0.000 $\chi^2/\text{NDF}: 16913671790830002451724713056210492850176.0/11$
 Right Out: -16773.604 ± 0.000 $\chi^2/\text{NDF}: 14234547931135812277474342886568366178304.0/15$
 Left In: -28650.410 ± 0.000 $\chi^2/\text{NDF}: 4838827535981080826725947474344765554688.0/10$

+ sign -23354.640 ± 0.000 $\chi^2/\text{NDF}: 621850607090$
 All: -23514.355 ± 0.000 $\chi^2/\text{NDF}: 135979518$
 - sign -23671.259 ± 0.000 $\chi^2/\text{NDF}: 7371541854107$

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF : 43160975478631460248575745928156151808.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

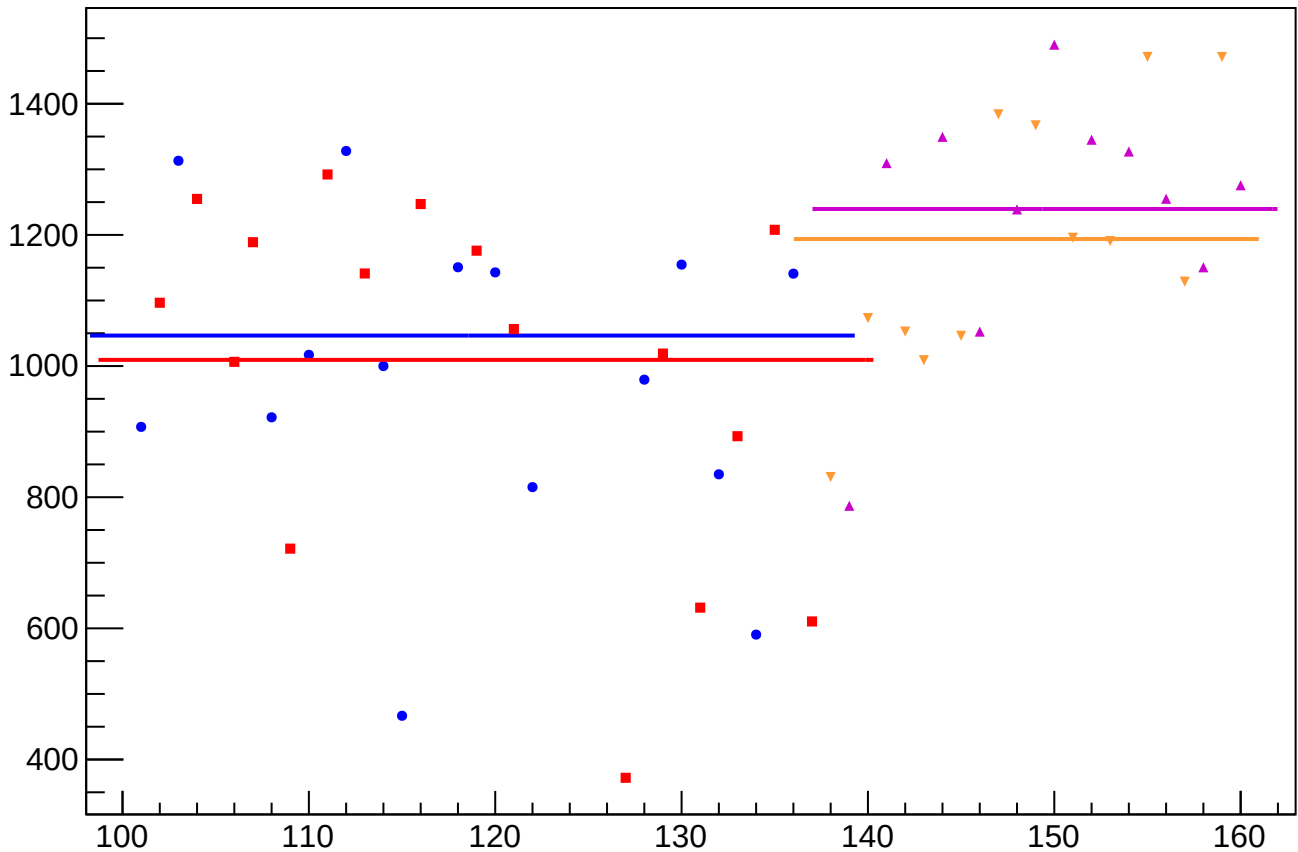
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

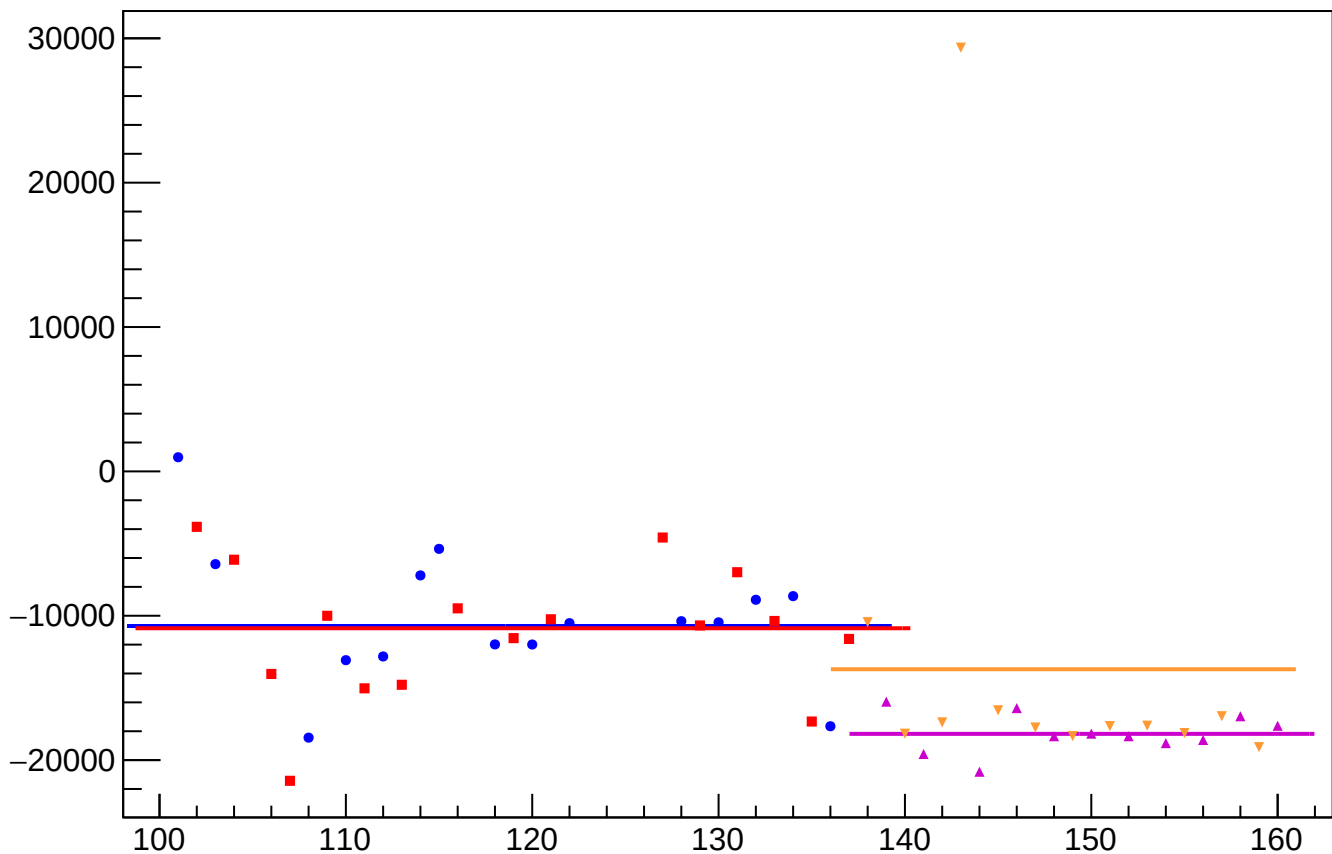
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

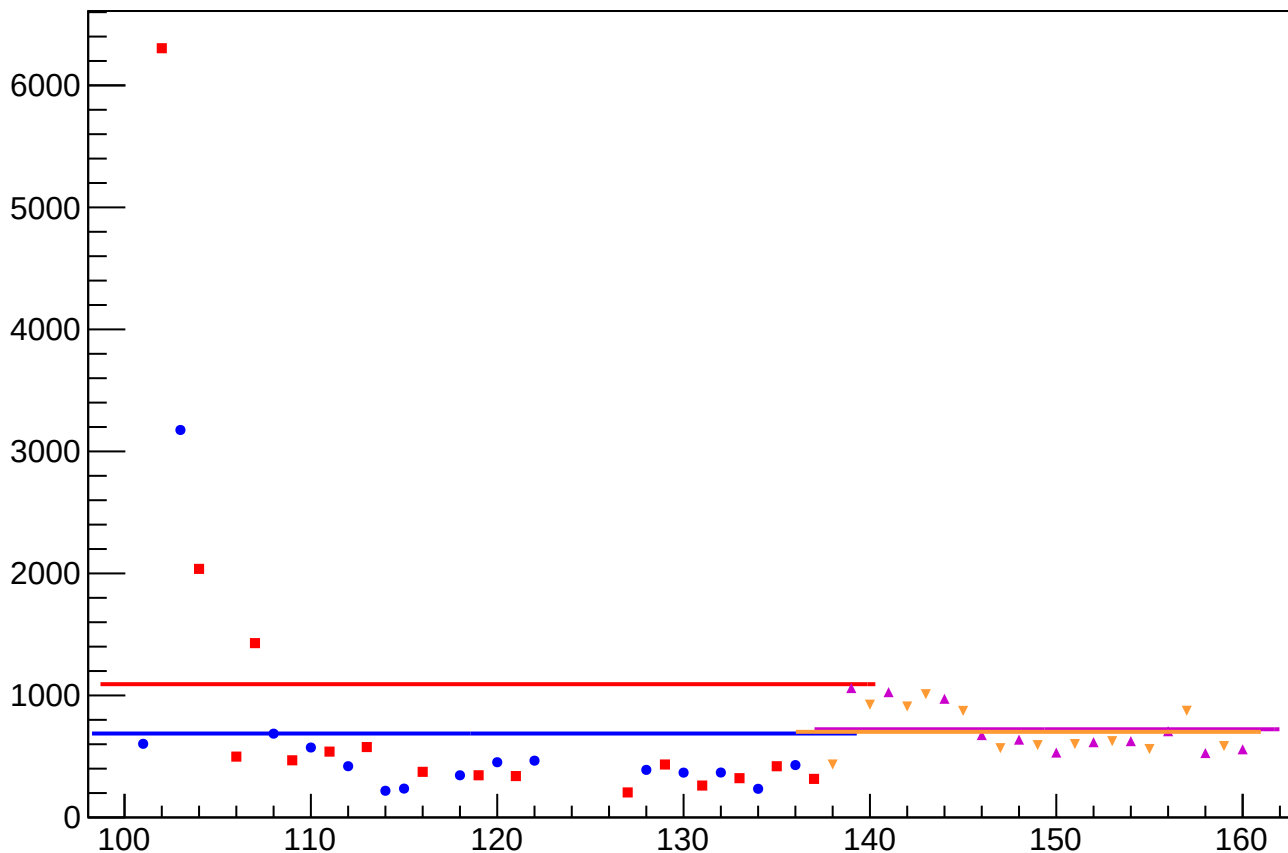
dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000	χ^2/NDF : 16945226152053511840482618402250170564608.0/14
Left Out: -13705.488+/-0.000	χ^2/NDF : 138226511026527050662319693841079709204480.0/11
Right Out: -10866.264+/-0.000	χ^2/NDF : 14234762838858382484525901644131626647552.0/15
Left In: -18181.504+/-0.000	χ^2/NDF : 1643617183572647868818914289162838343680.0/10

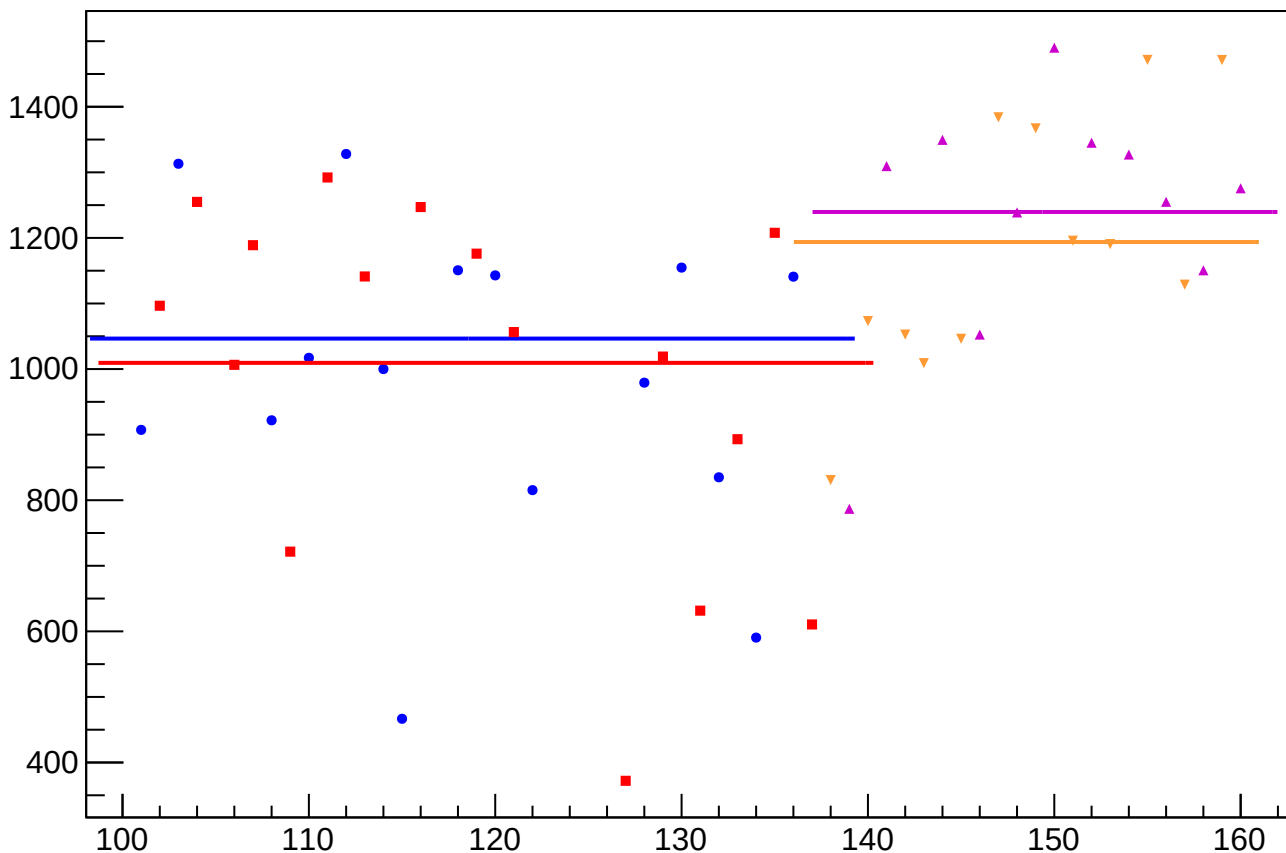
+ sign -12461.801+/-0.000 χ^2/NDF : 158576463536
 All: -13800.033+/-0.000 χ^2/NDF : 200733129
 - sign -15114.713+/-0.000 χ^2/NDF : 3660768844081

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 701.825+/-0.000 χ^2/NDF : 29011752452264624264282448573098885120.0/11
 Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



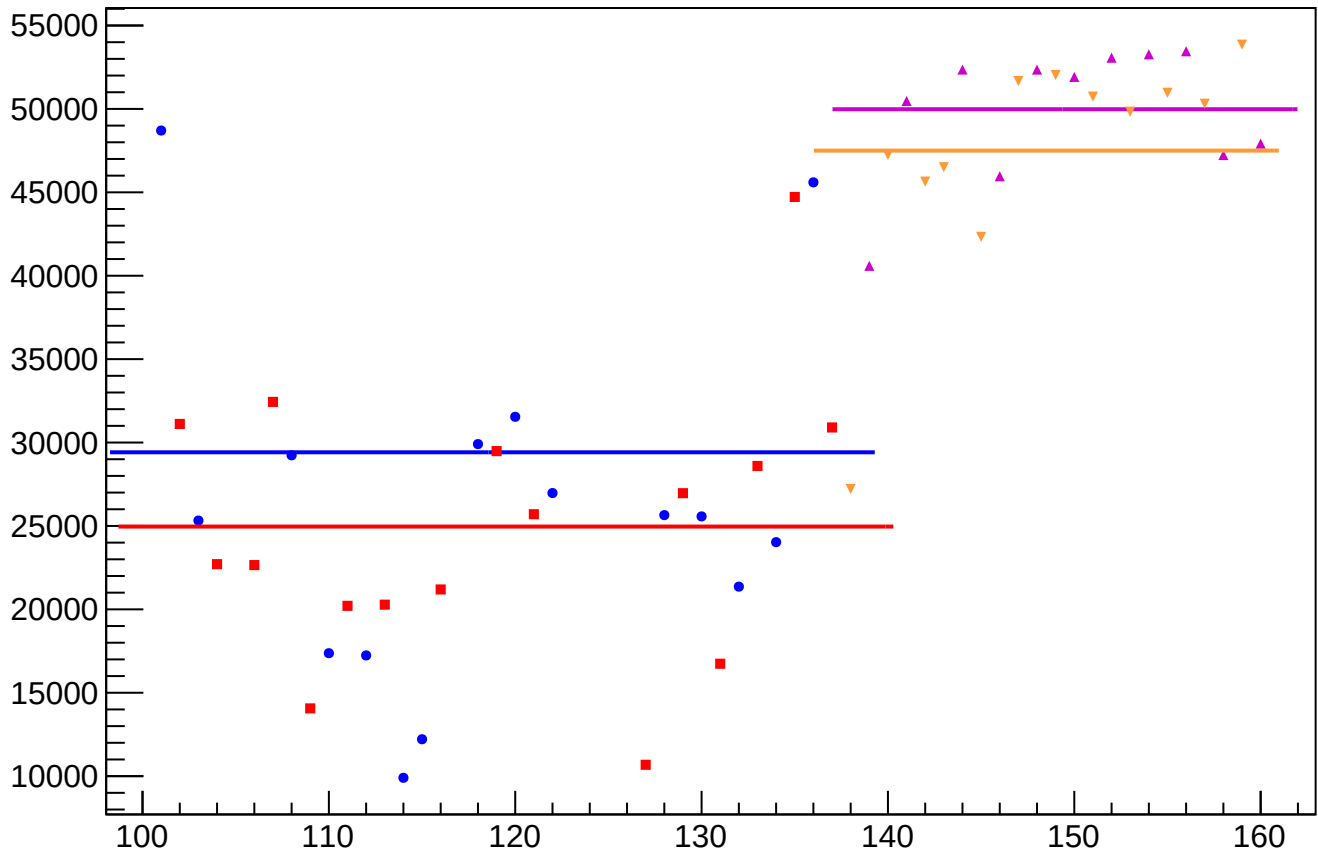
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726 ± 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

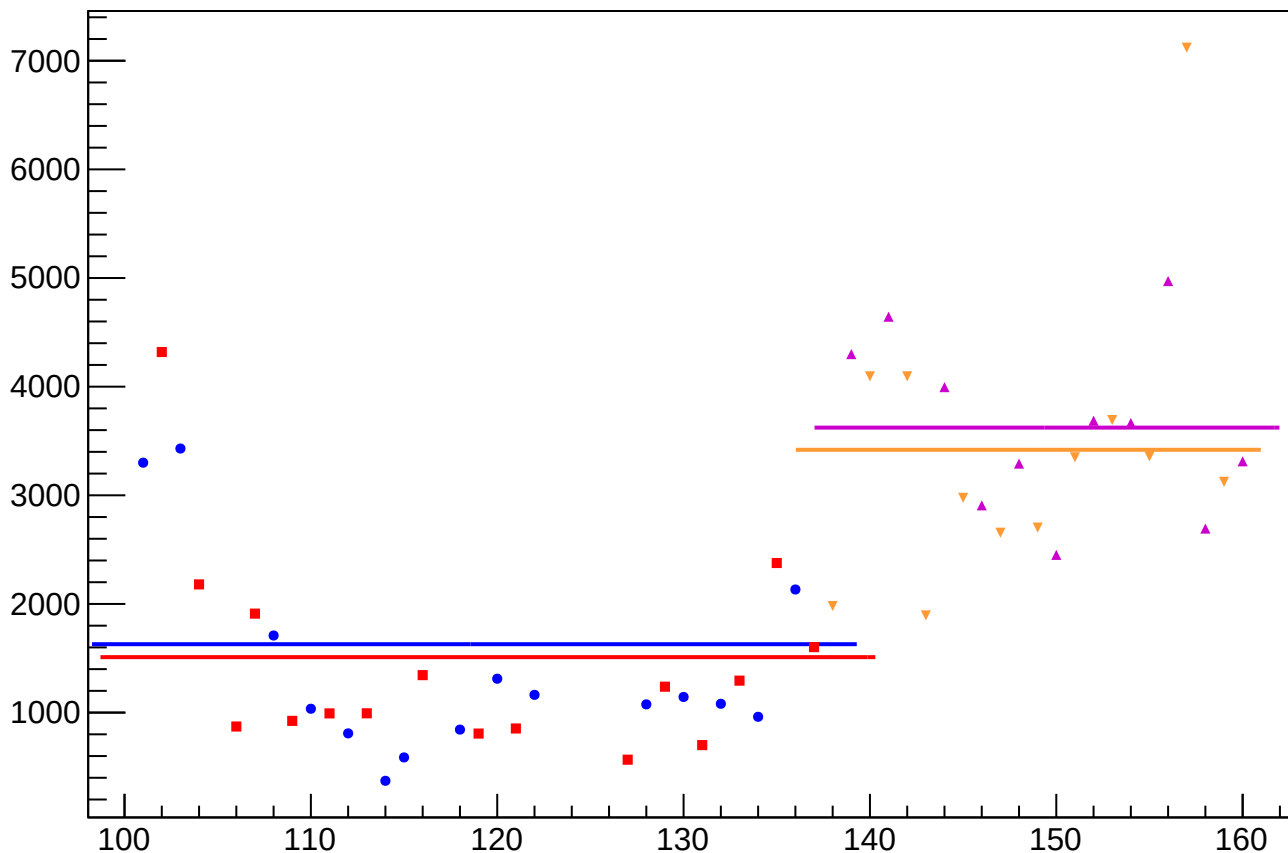
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47501.916+/-0.000	χ^2/NDF : 43591715334933801645565199836761766756352.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

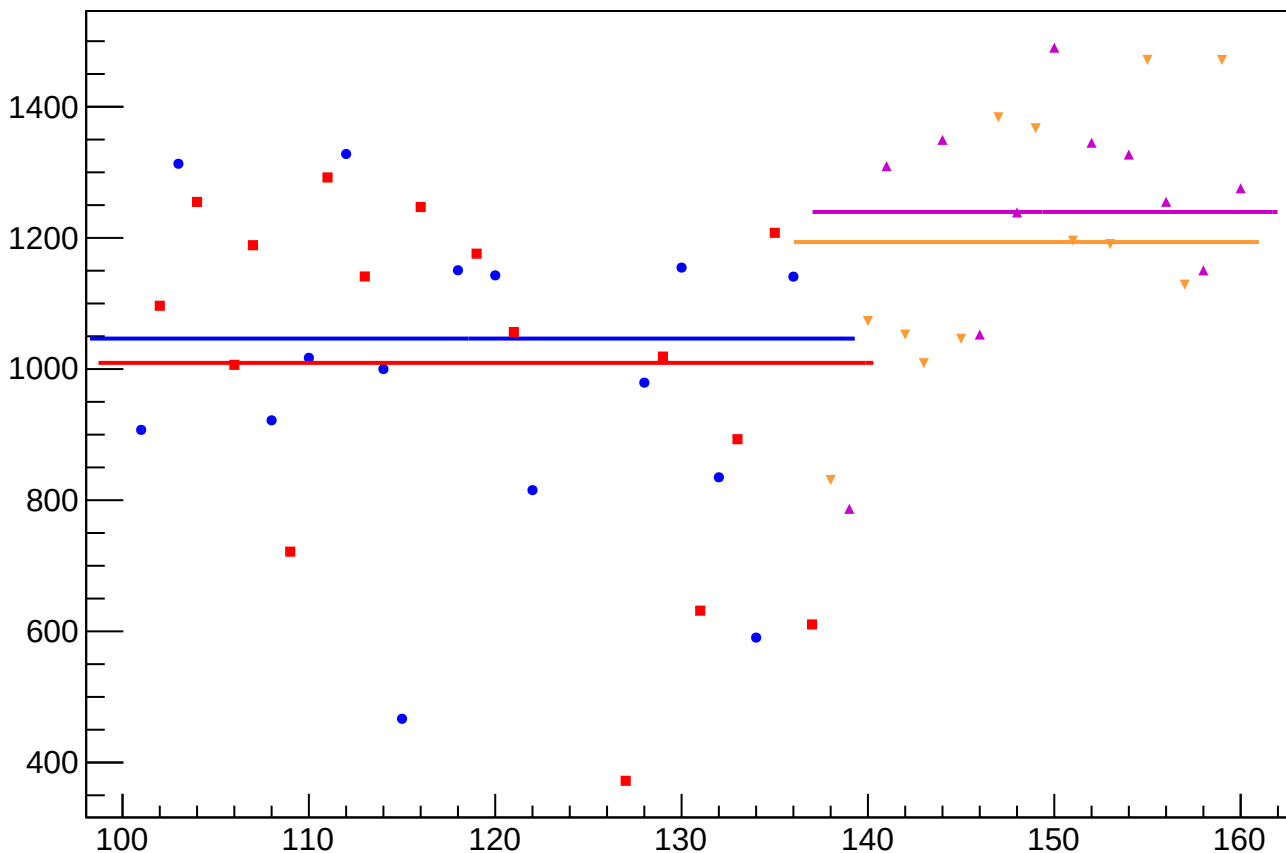
+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358
 All: 39740.450+/-0.000 χ^2/NDF : 5413093002
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2675.926+/-0.000	χ^2/NDF : 33424300848042
Left Out: 3418.927+/-0.000	χ^2/NDF : 1575515144069936231955966928879934767104.0/11	All: 2706.904+/-0.000	χ^2/NDF : 63005491565
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2737.338+/-0.000	χ^2/NDF : 29551454832887
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10		

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

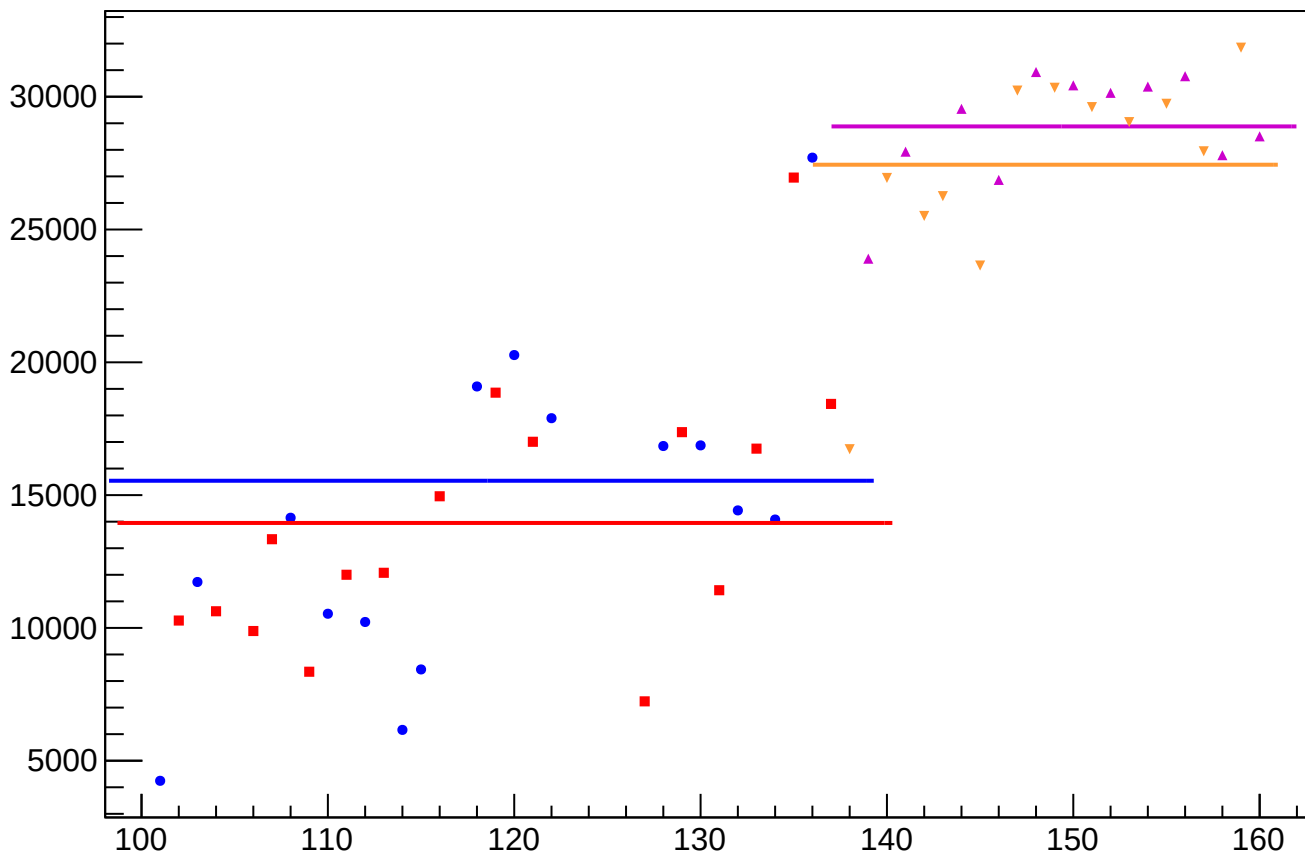
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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

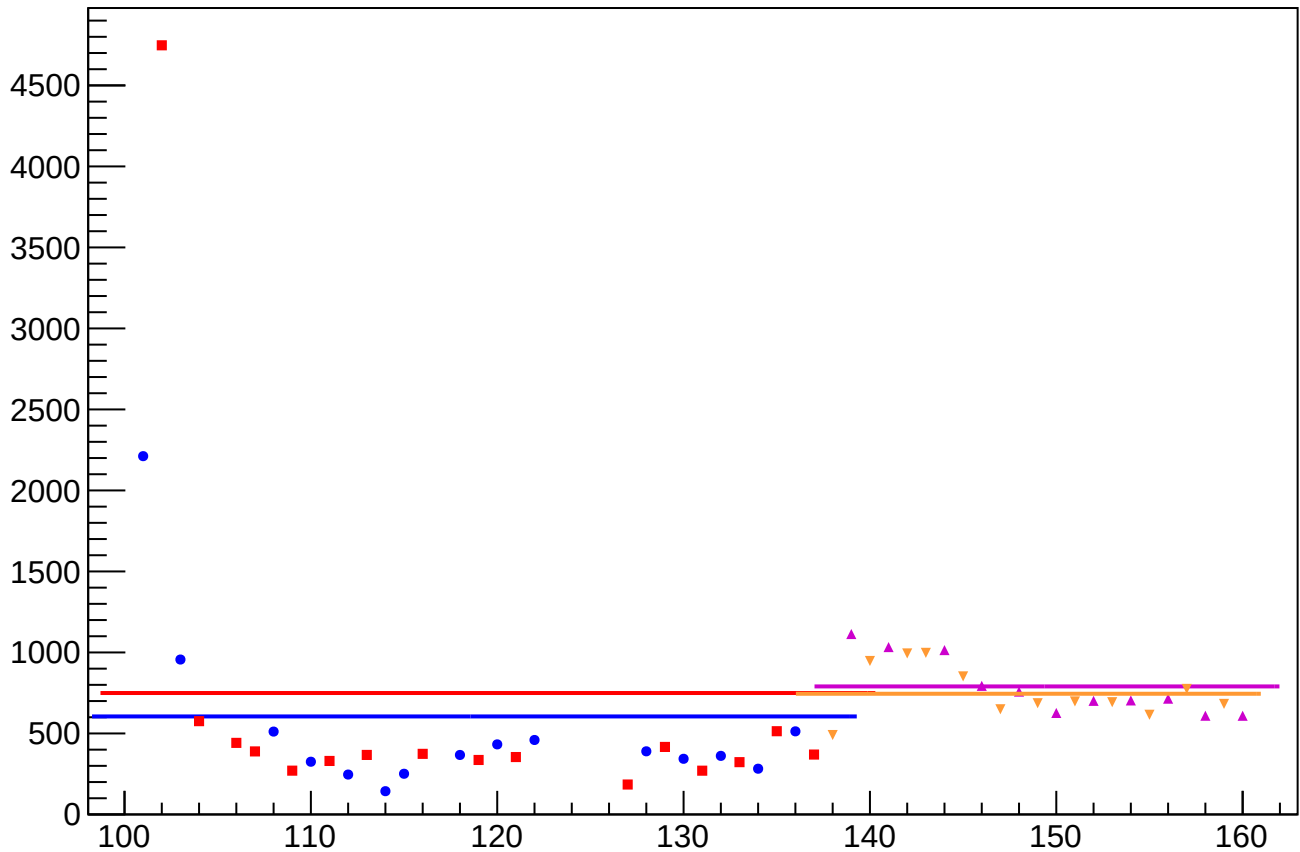
dit_atr1_coil1_mean vs Slug



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

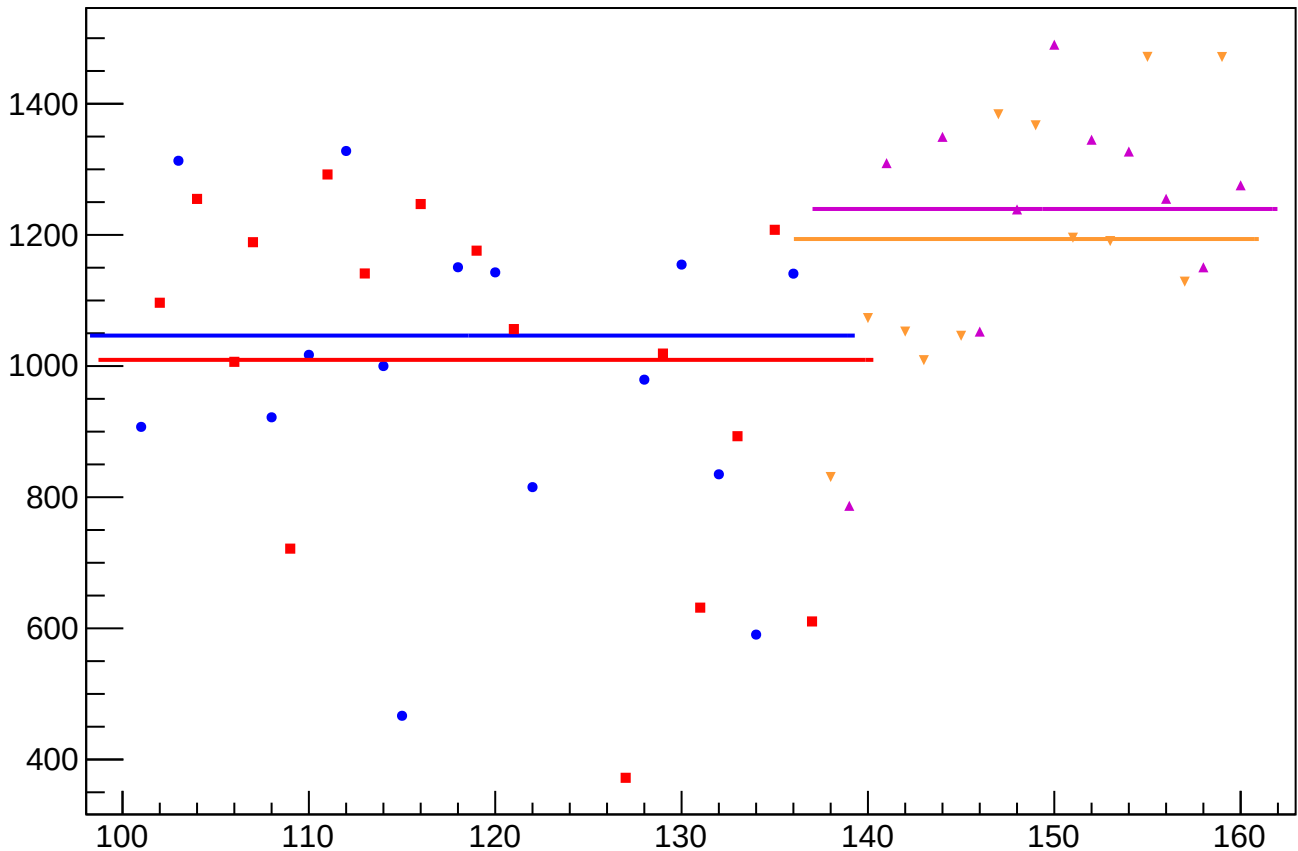
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

All: 730.430+/-0.000 χ^2/NDF : 127166116576

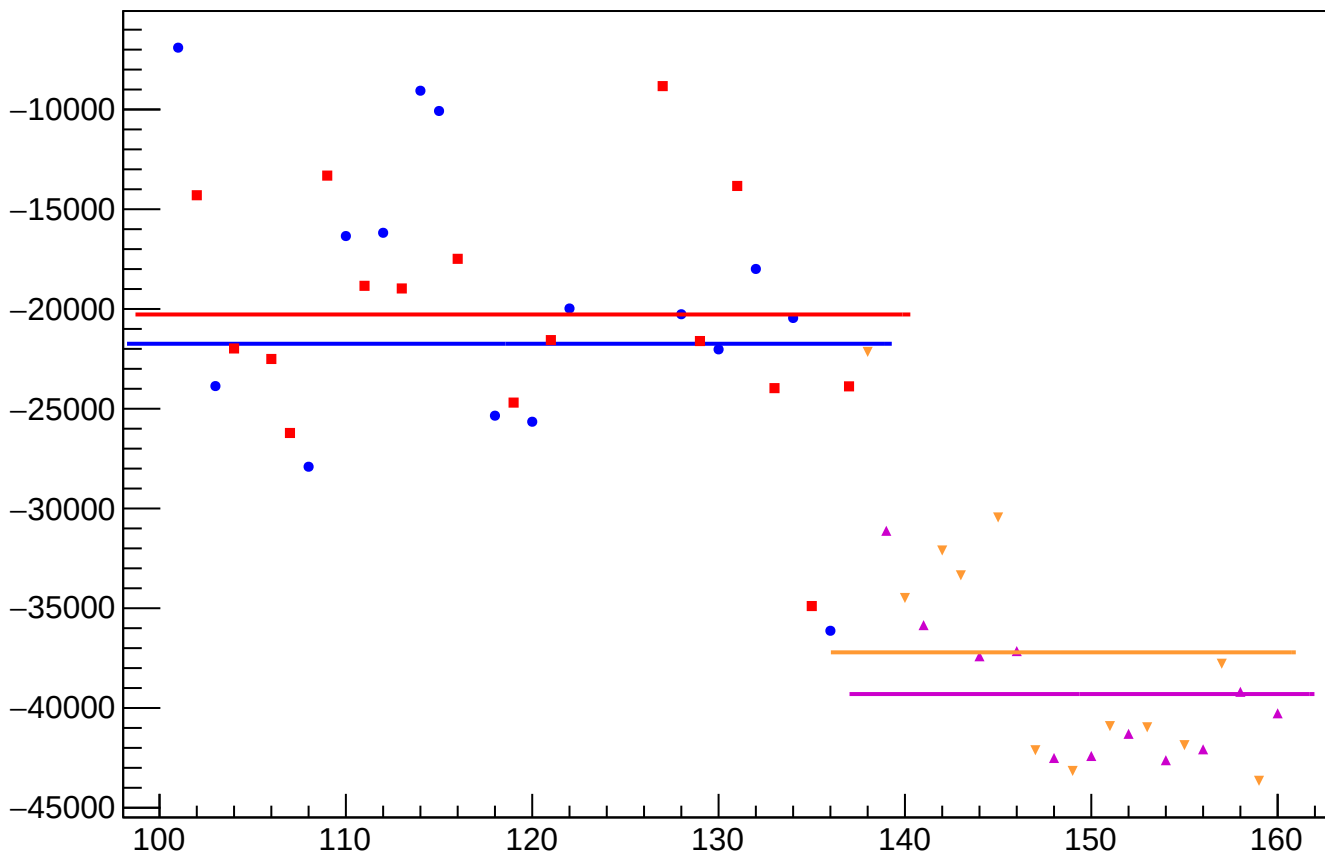
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



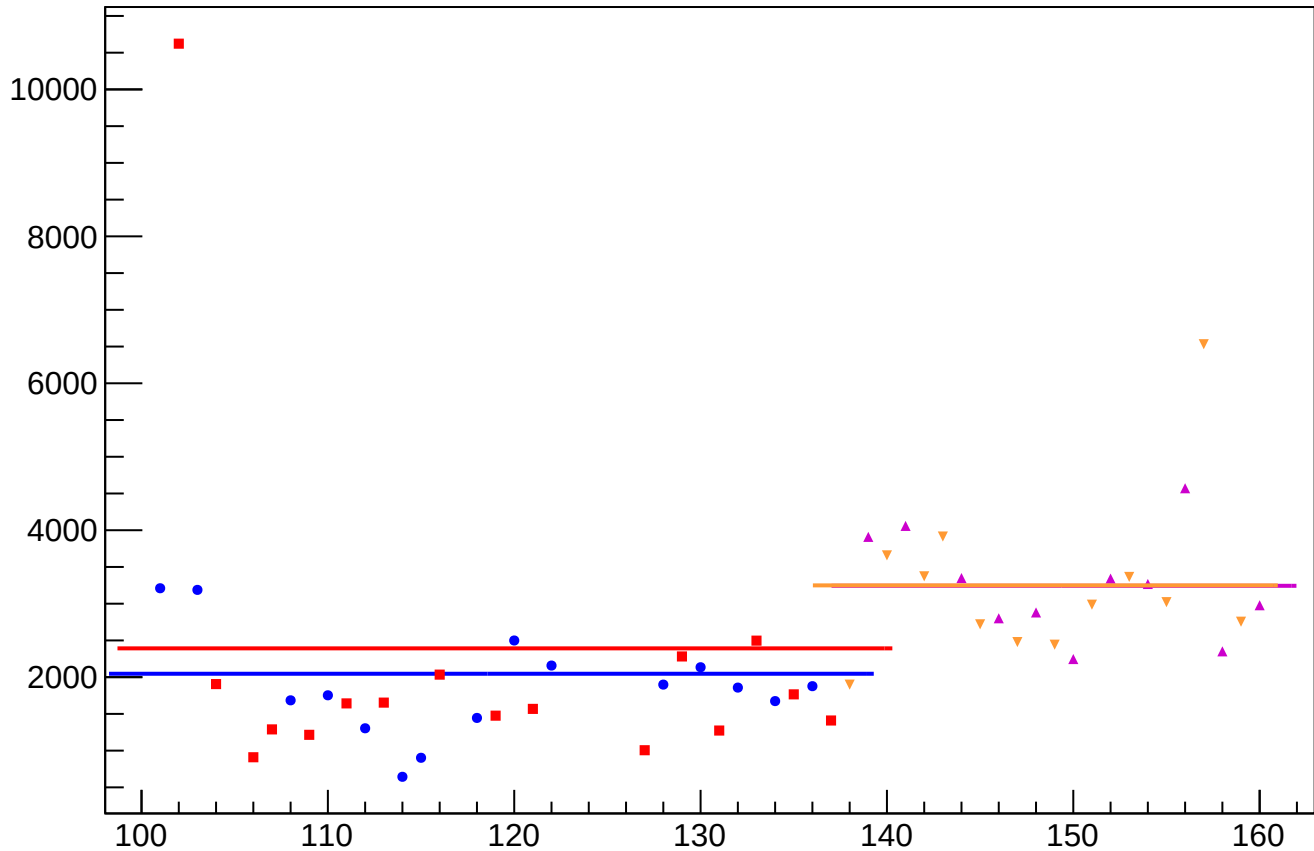
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



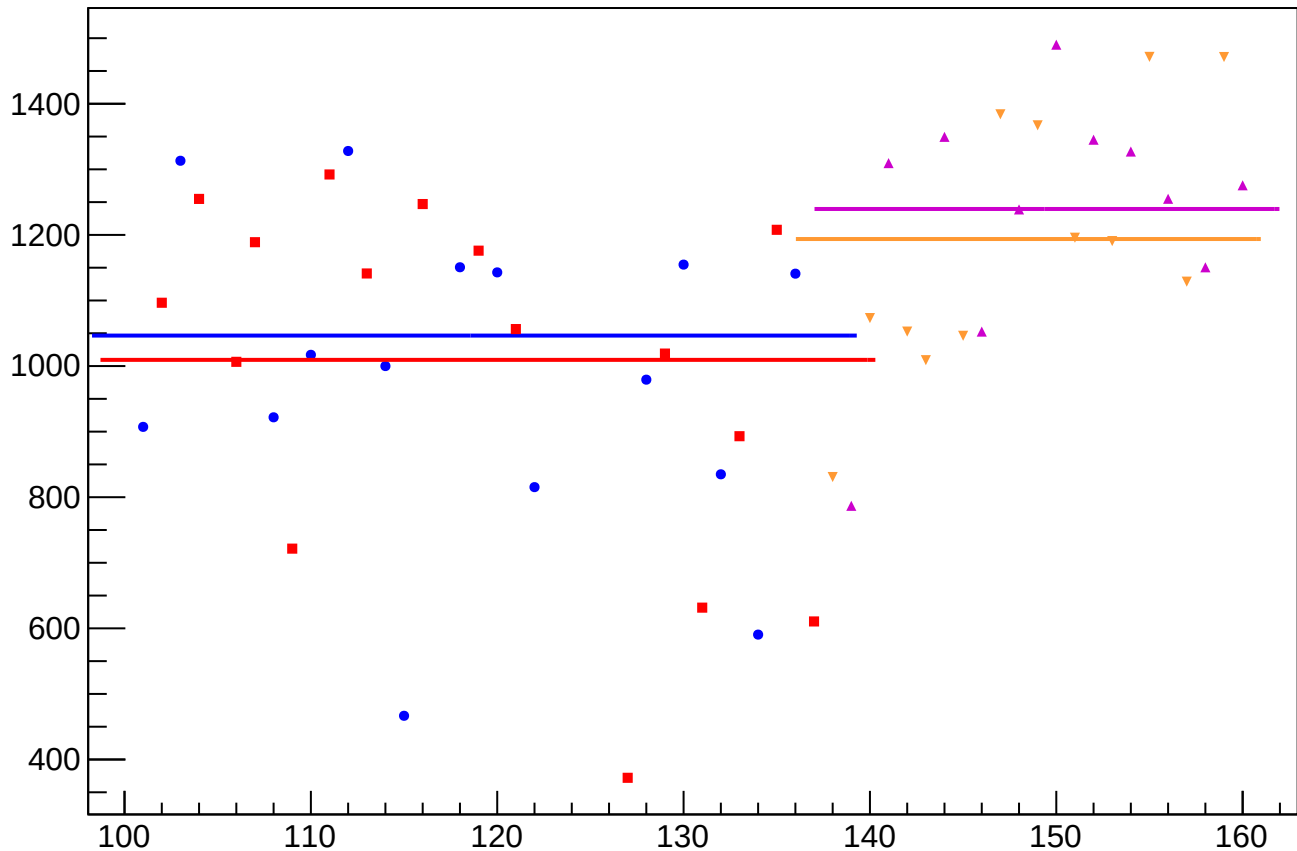
Right In: -21743.360 ± 0.000 $\chi^2/\text{NDF}: 41106858823579527325198675675398793068544.0/14$
 Left Out: -37210.761 ± 0.000 $\chi^2/\text{NDF}: 36234813568101266501920845904945520574464.0/11$
 Right Out: -20275.415 ± 0.000 $\chi^2/\text{NDF}: 25935869132092920231681532417627320745984.0/15$
 Left In: -39301.203 ± 0.000 $\chi^2/\text{NDF}: 10890557195828480655850873156116452212736.0/10$

dit_atr2_coil1_err_mean vs Slug



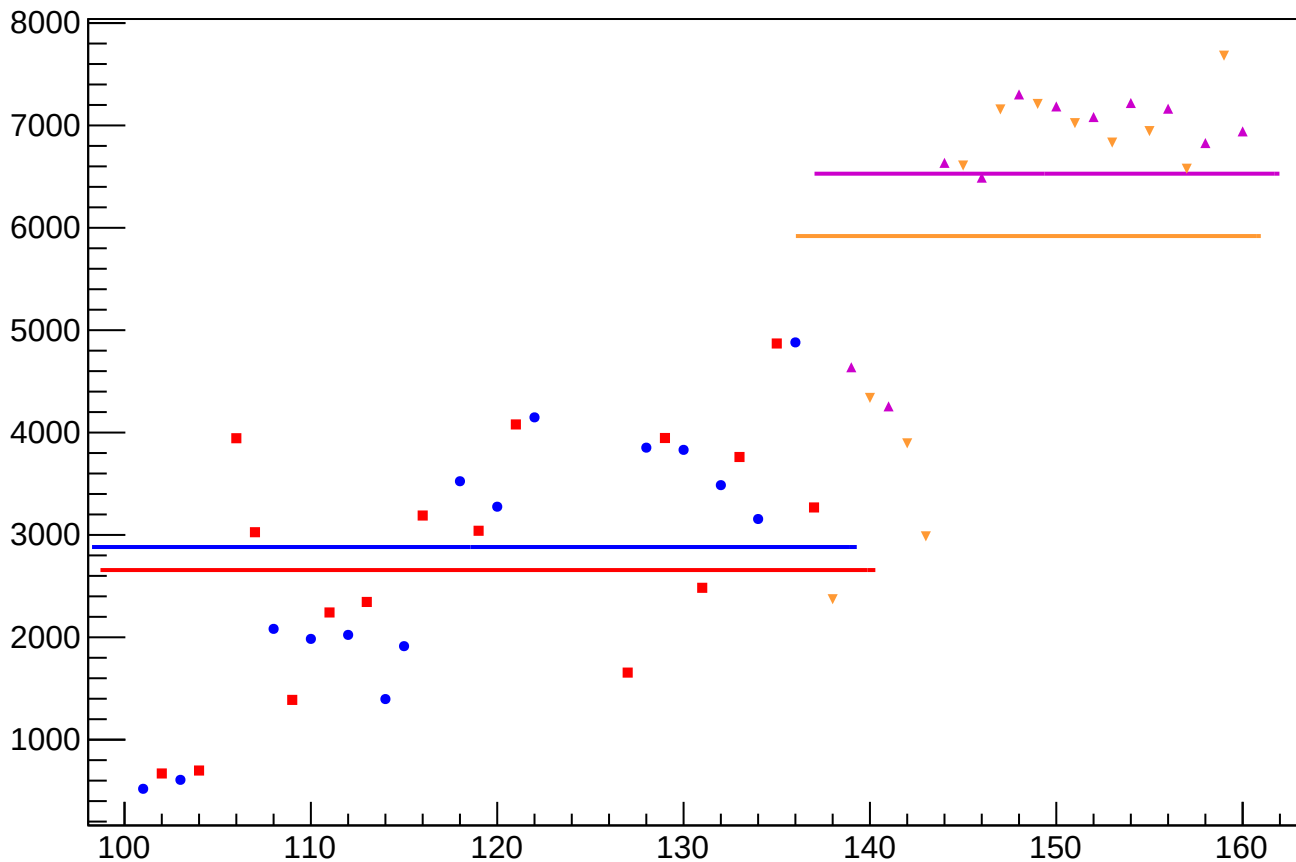
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



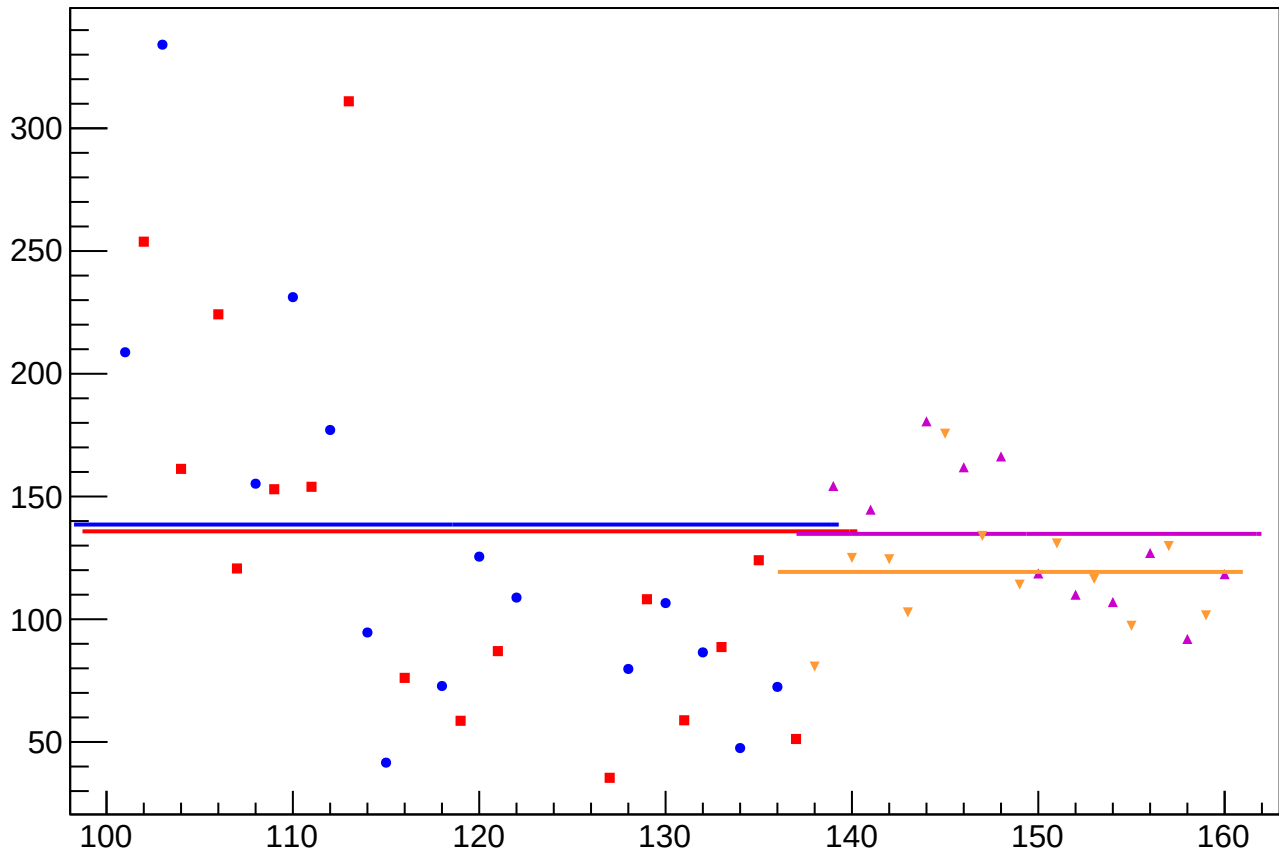
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



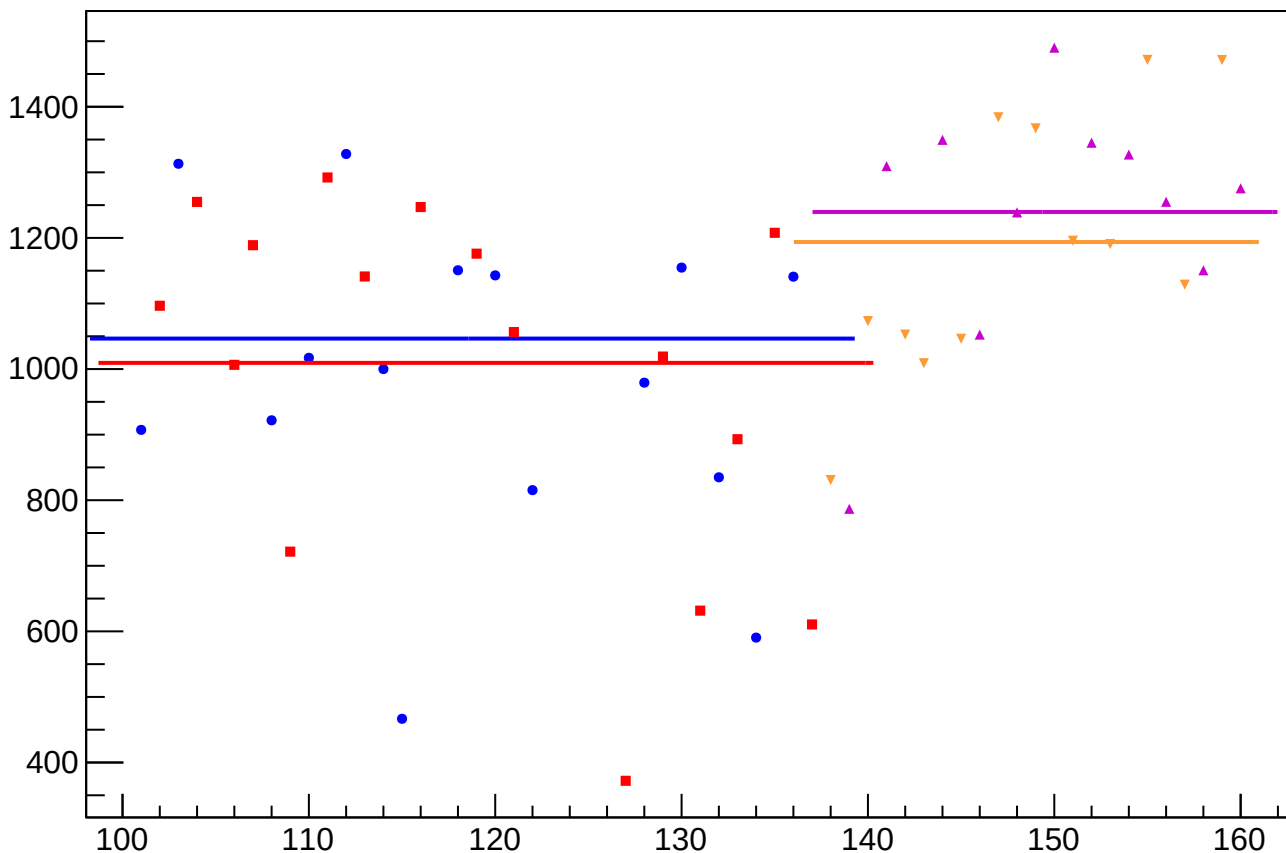
Right In: 2881.935+/-0.000	χ^2/NDF : 1320319391496525533692082365878834823168.0/14	+ sign 4658.227+/-0.000	χ^2/NDF : 76011498429136
Left Out: 5919.511+/-0.000	χ^2/NDF : 2779072700024845827027981240176985767936.0/11	All: 4782.966+/-0.000	χ^2/NDF : 1547458955
Right Out: 2656.918+/-0.000	χ^2/NDF : 1077696846216053561130716877125509447680.0/15	- sign 4905.510+/-0.000	χ^2/NDF : 78252276547187
Left In: 6528.681+/-0.000	χ^2/NDF : 940619832290547661204641528694924378112.0/10		

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14	+ 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

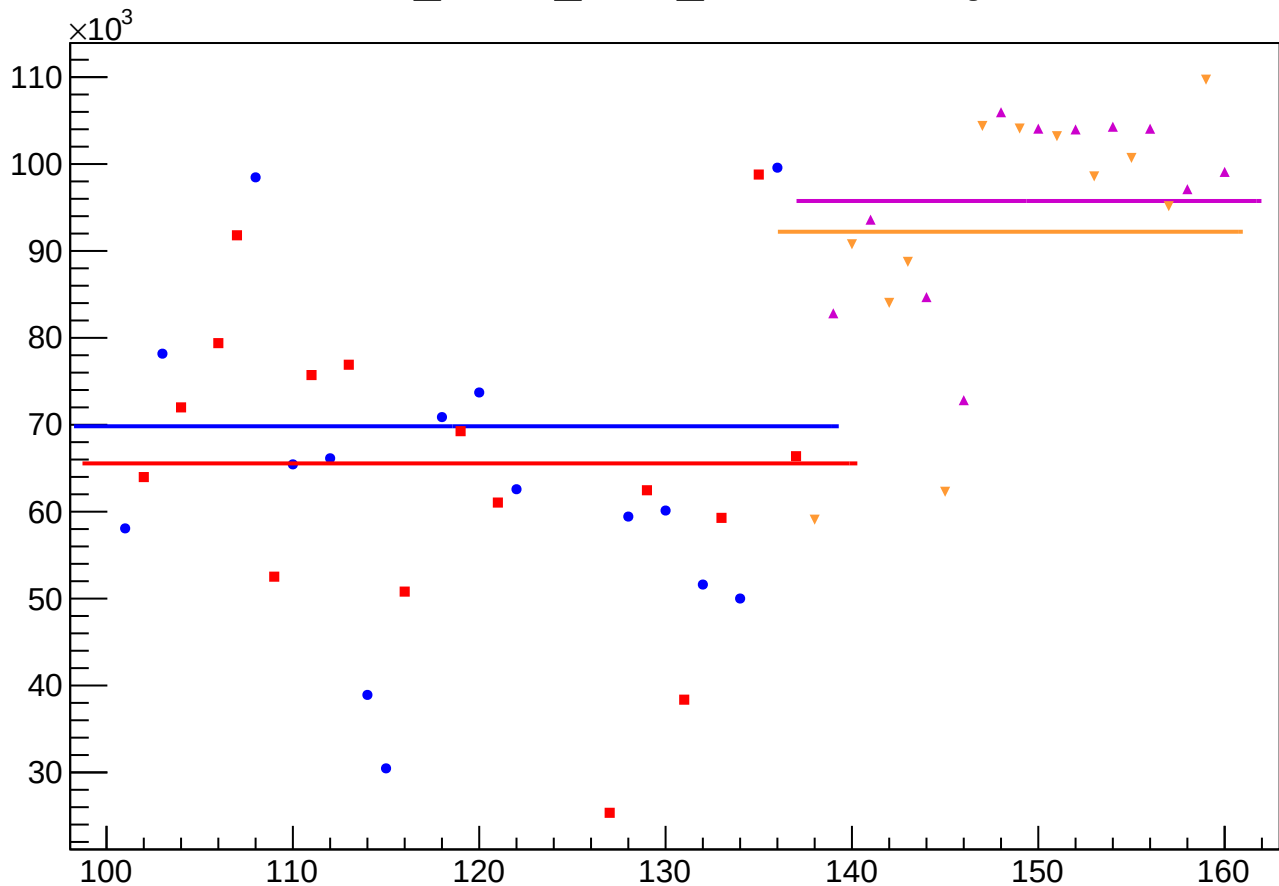
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

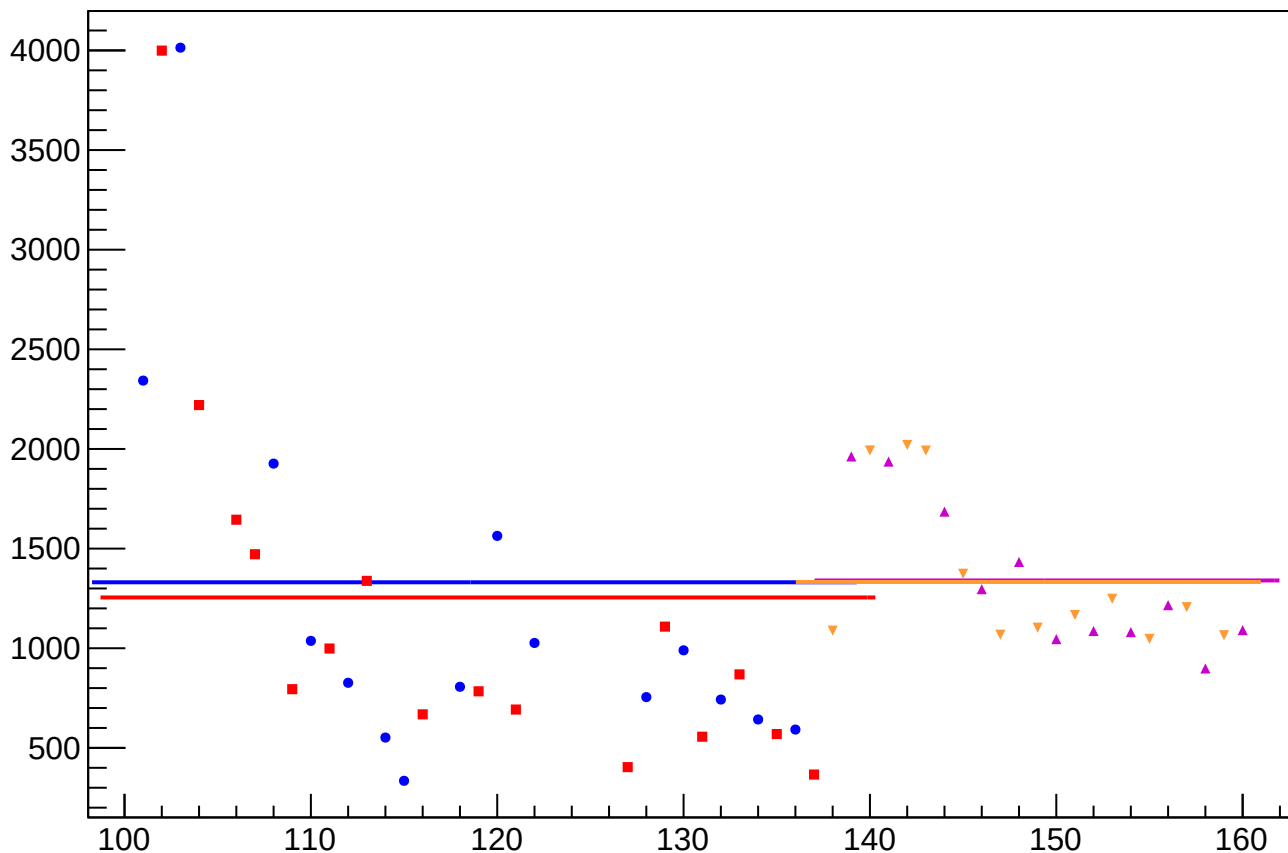
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 92210.698 $\pm$ 0.000	χ^2 /NDF: 226577476657807585202083767685360289579008.0/11
Right Out: 65555.147 $\pm$ 0.000	χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
Left In: 95749.411 $\pm$ 0.000	χ^2 /NDF: 102376761881530271427340284738693826084864.0/10

+ sign 82916.711 $\pm$ 0.000 χ^2 /NDF: 6045168976255
 All: 83004.616 $\pm$ 0.000 χ^2 /NDF: 1272083143
 - sign 83090.974 $\pm$ 0.000 χ^2 /NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14

Left Out: 1332.669+/-0.000 χ^2/NDF : 117488793251165999850417206895273050112.0/11

Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15

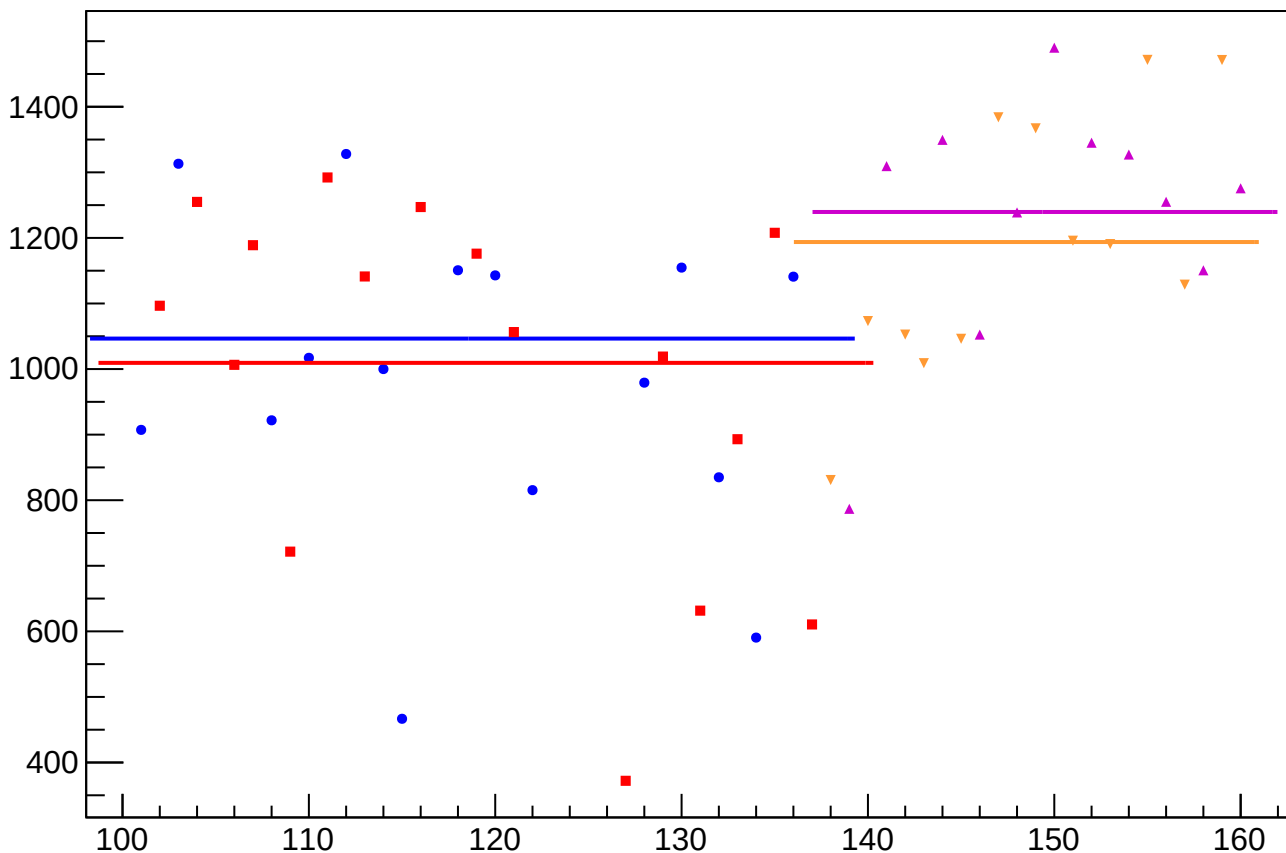
Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

+ sign 1331.958+/-0.000 χ^2/NDF : 76697117094463

All: 1318.066+/-0.000 χ^2/NDF : 15167335846

- sign 1304.419+/-0.000 χ^2/NDF : 74916446361161

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

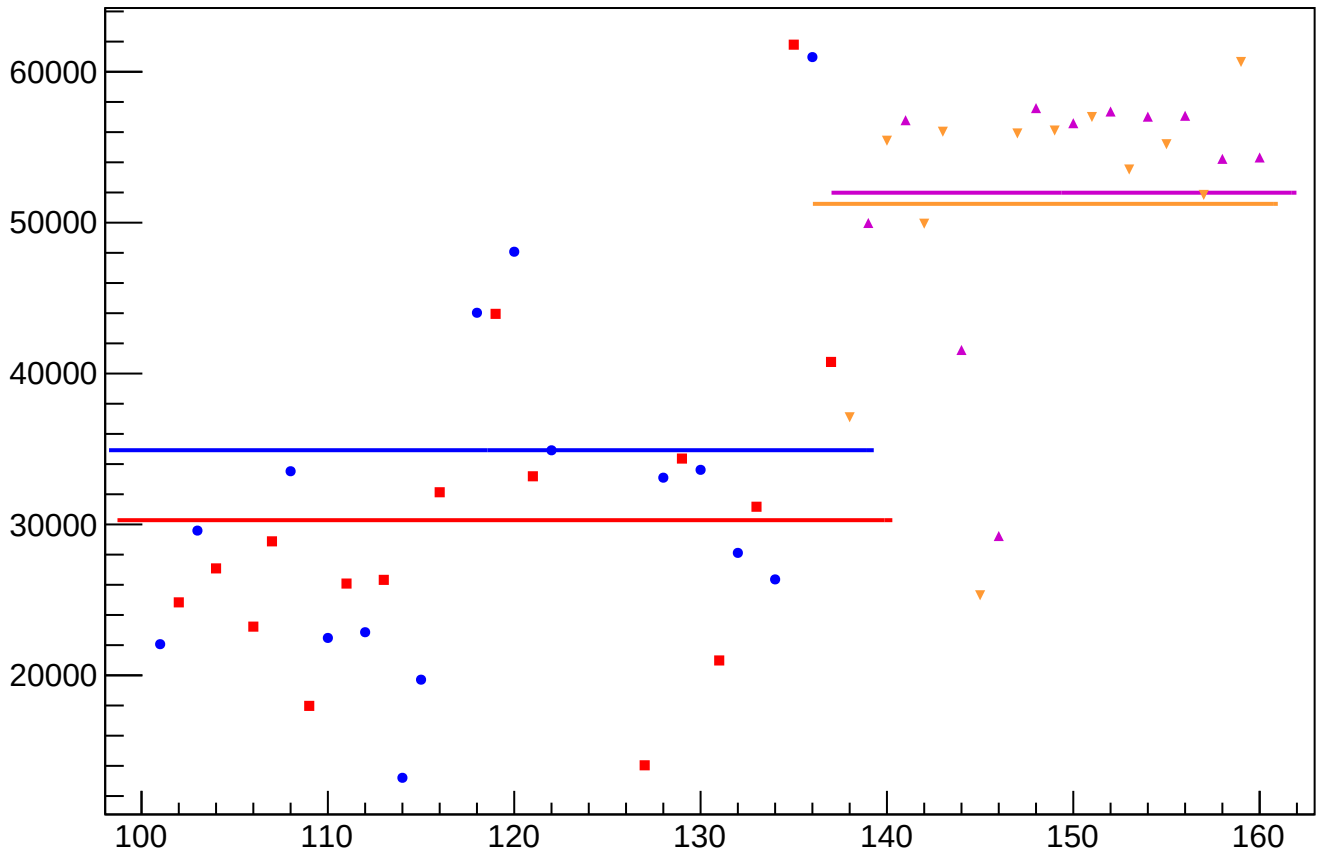
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

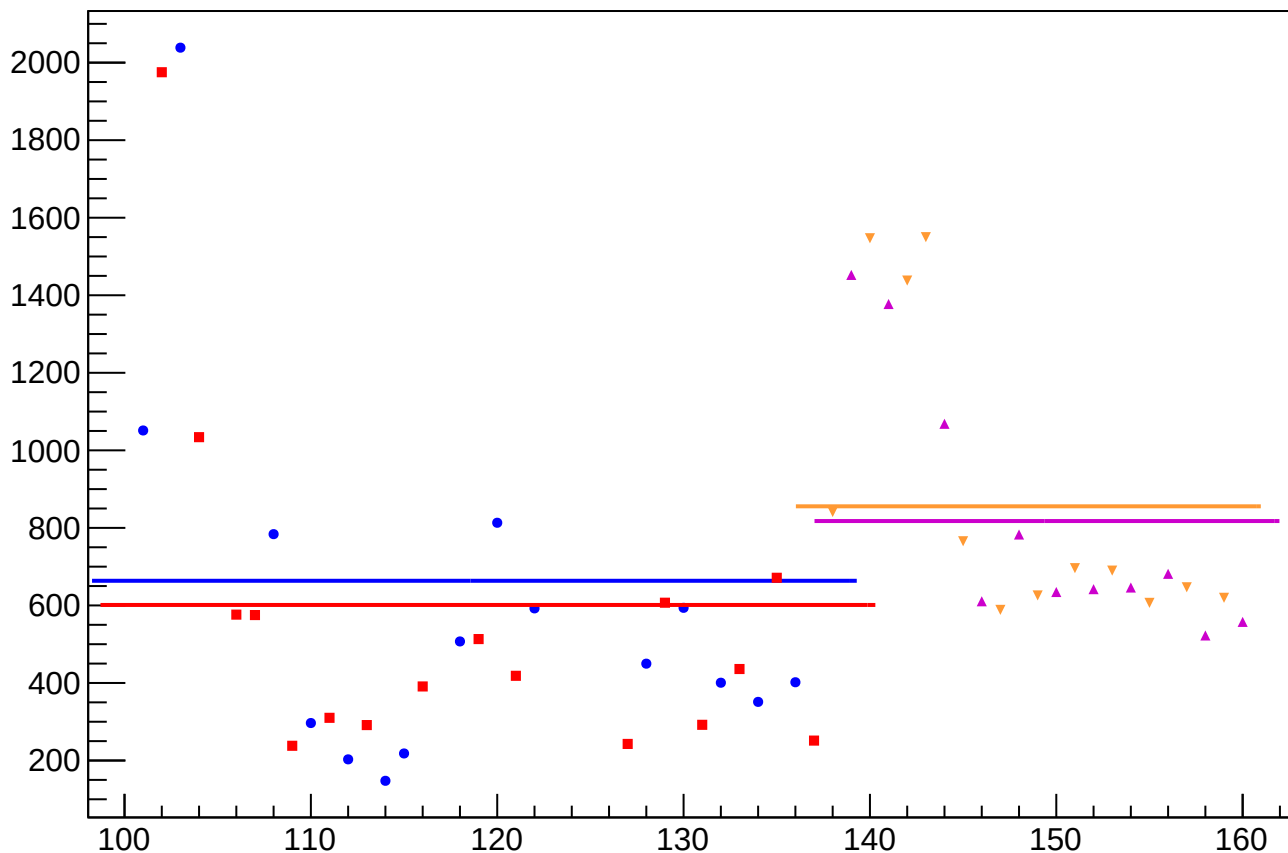
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 51246.568+/-0.000 χ^2/NDF : 86168540614102445062046954668602534395904.0/11
 Right Out: 30282.373+/-0.000 χ^2/NDF : 88346165266593126627598951693506073067520.0/15
 Left In: 51985.374+/-0.000 χ^2/NDF : 67172587579518863379504132116294676774912.0/10

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 855.627+/-0.000 χ^2/NDF : 114895226746628689144721696446463606784.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

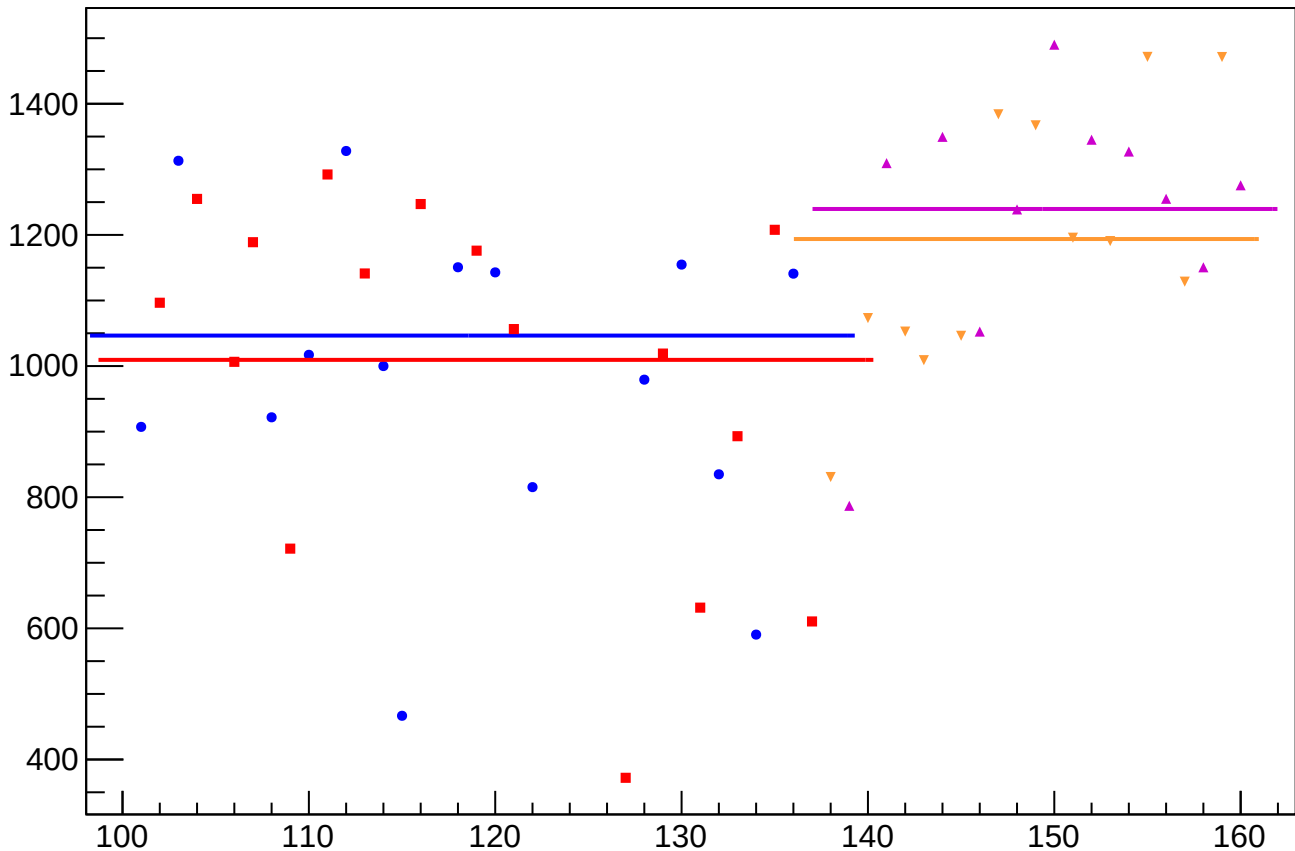
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

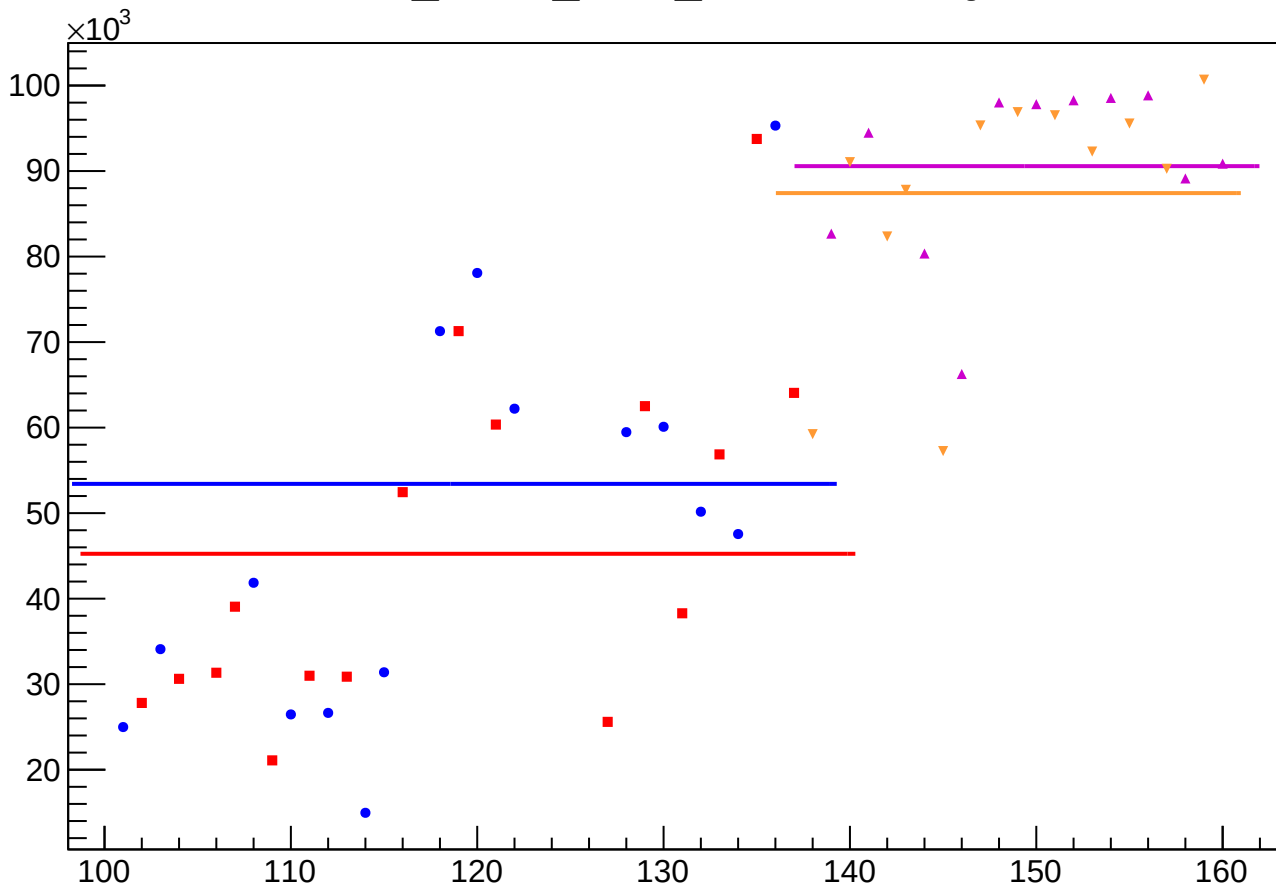
- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

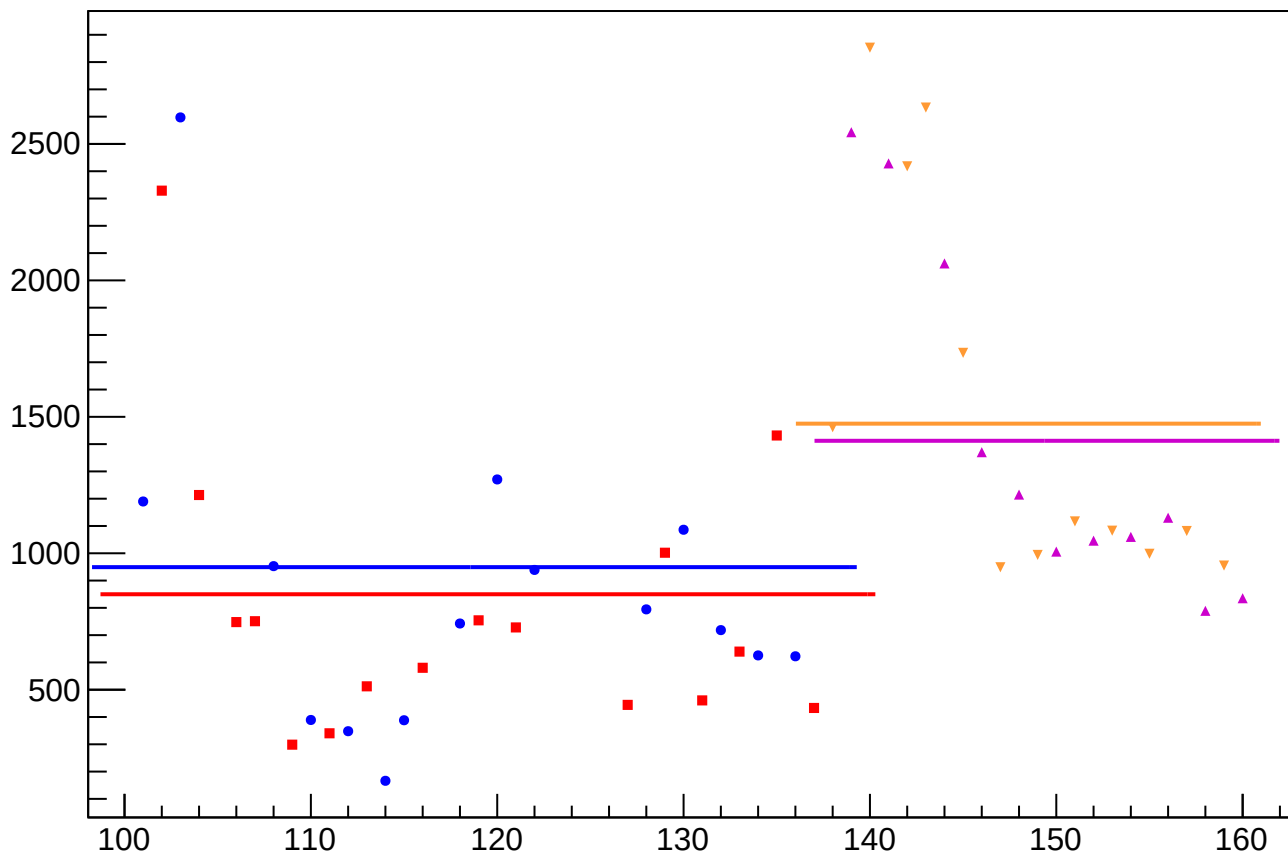
dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000	χ^2/NDF : 360635757315133800133751123167777346551808.0/14
Left Out: 87421.965+/-0.000	χ^2/NDF : 176009447933973172298765808269588074332160.0/11
Right Out: 45247.617+/-0.000	χ^2/NDF : 286060196488034430215784613374055547928576.0/15
Left In: 90573.760+/-0.000	χ^2/NDF : 90574081394354221593949262312406685581312.0/10

+ sign 73304.445+/-0.000 χ^2/NDF : 9753549747664
 All: 72430.299+/-0.000 χ^2/NDF : 2150195804
 - sign 71571.537+/-0.000 χ^2/NDF : 1172473175377

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1474.996+/-0.000 χ^2/NDF : 407776279141254062636078508853738602496.0/11

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

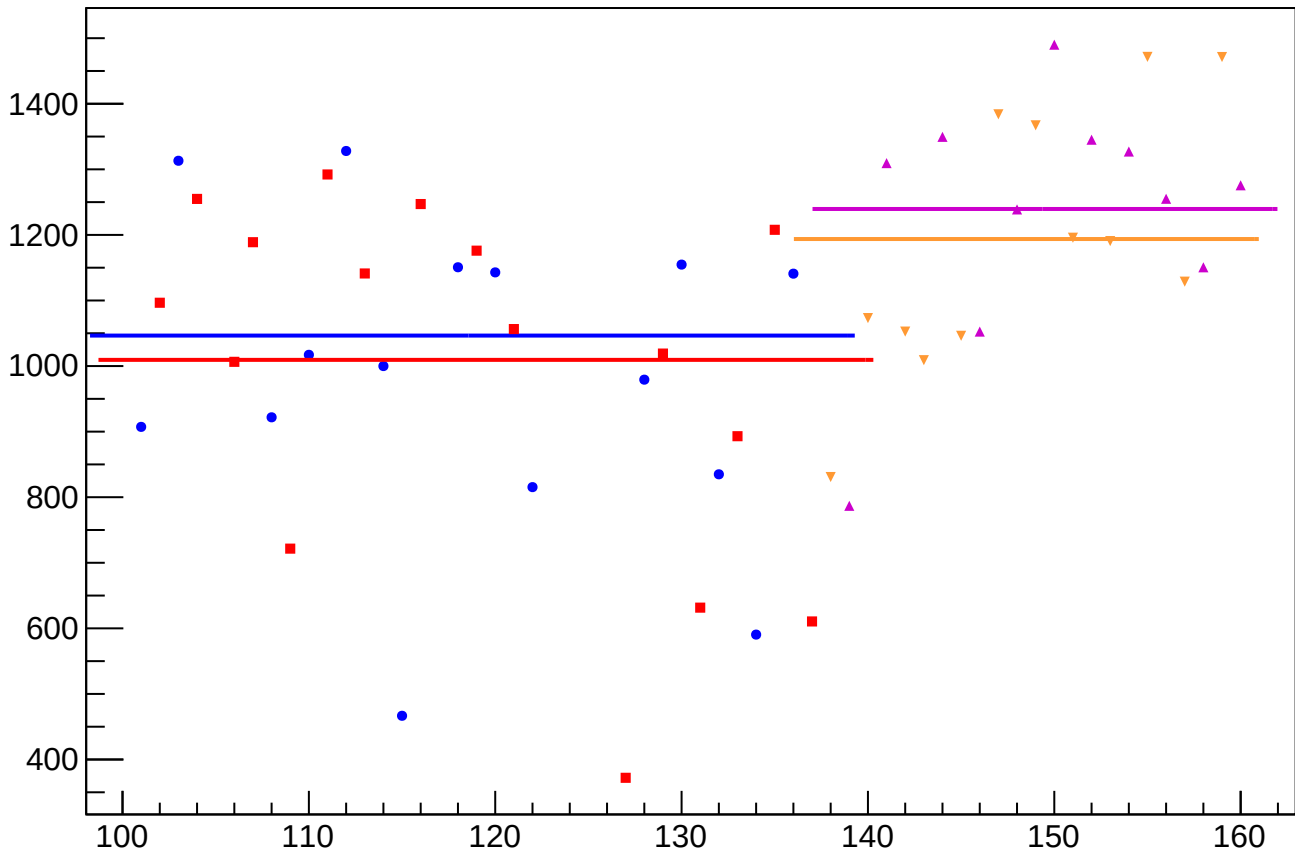
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210

All: 1216.192+/-0.000 χ^2/NDF : 14031243171

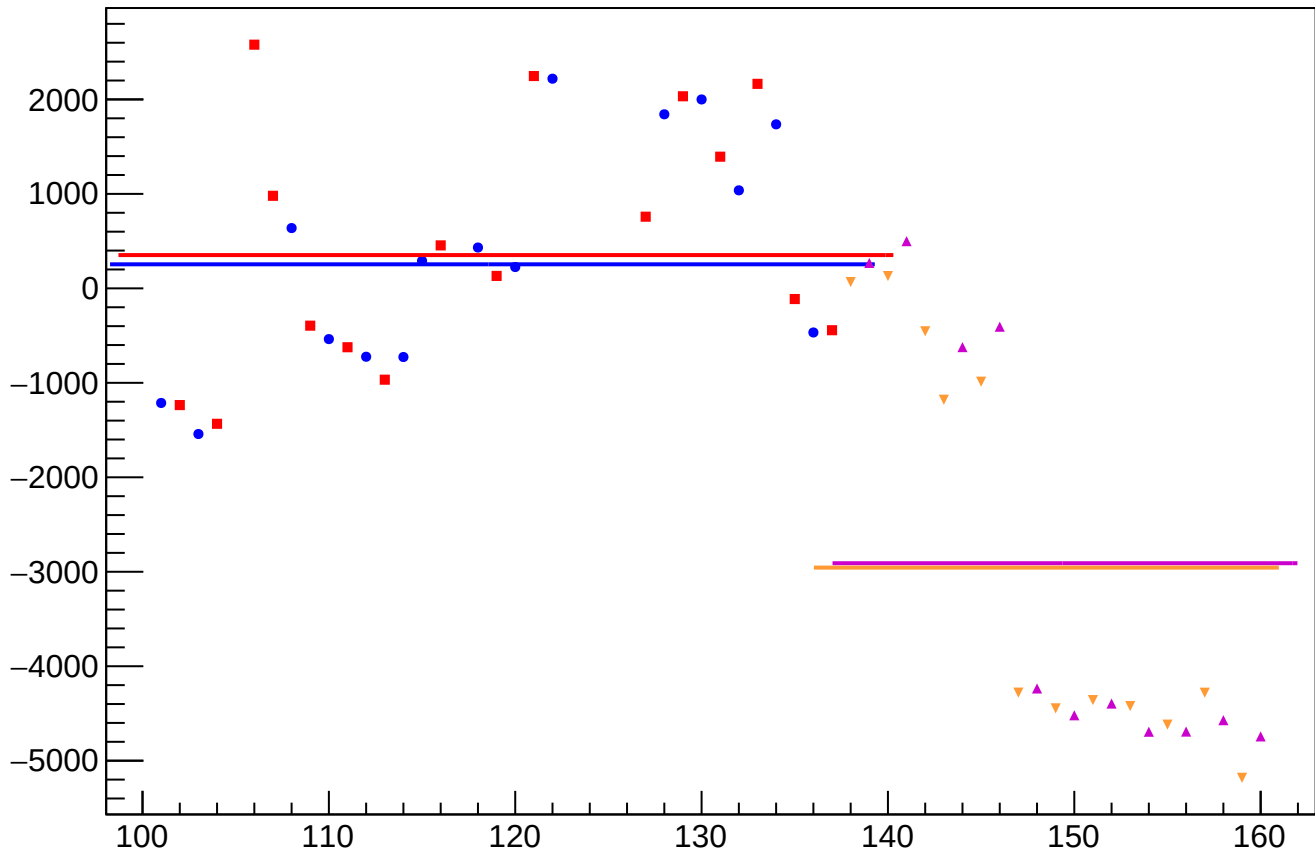
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



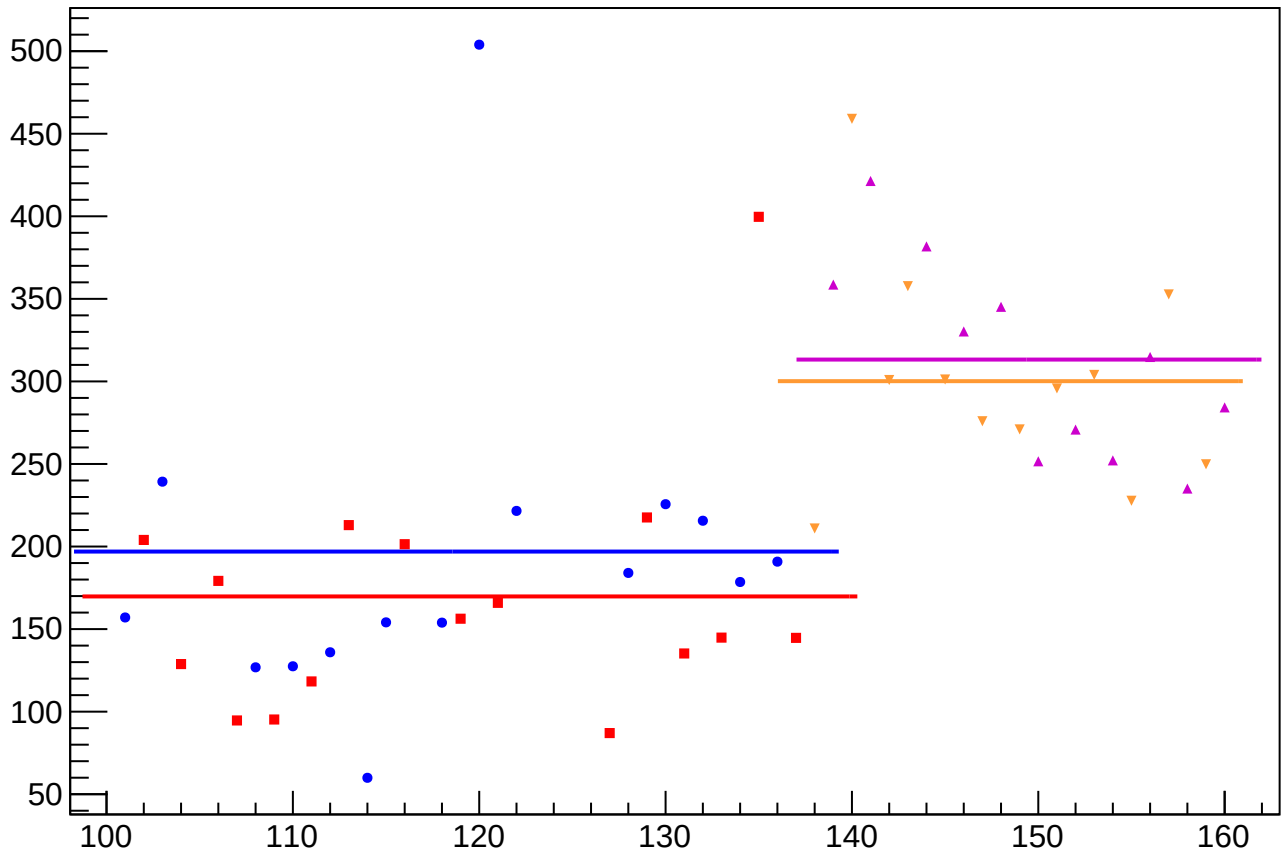
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



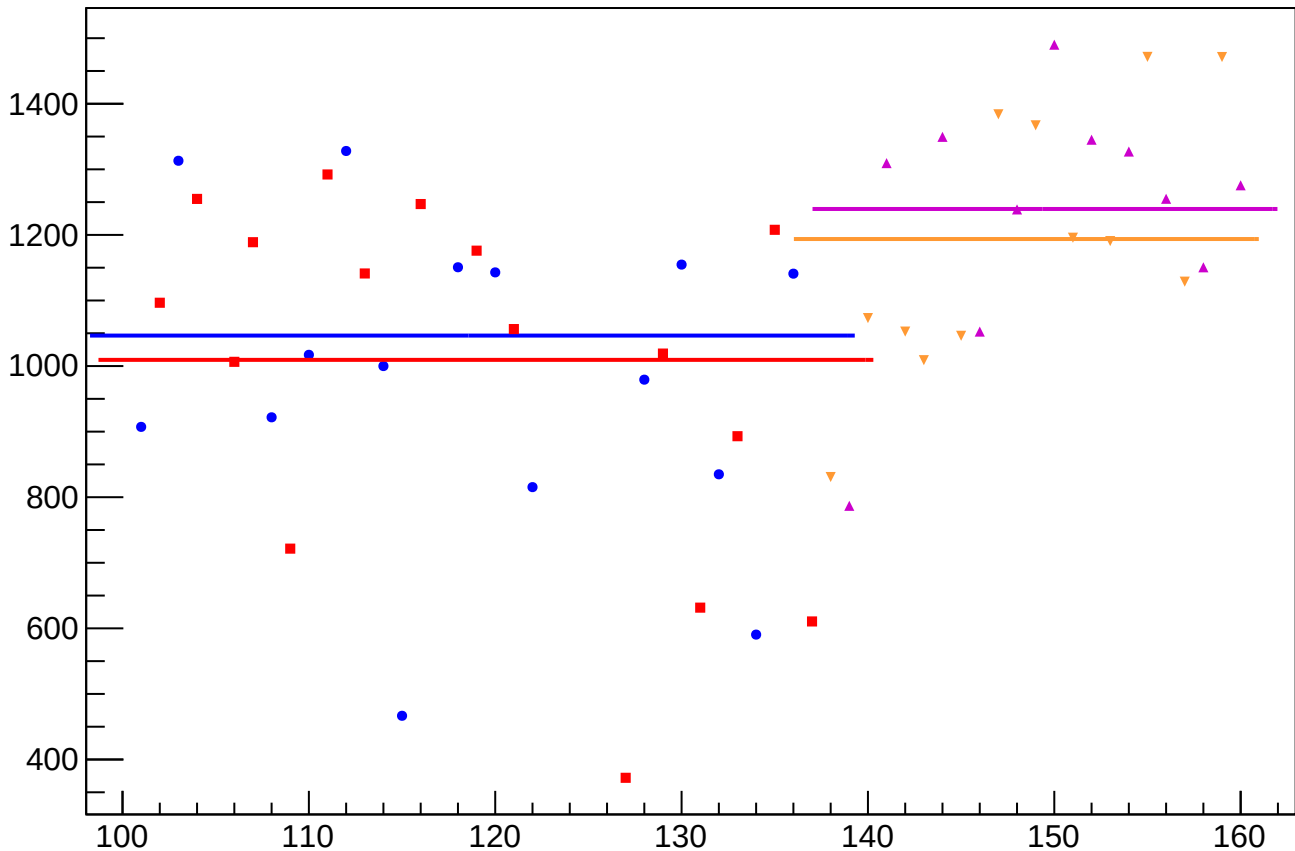
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997+/-0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



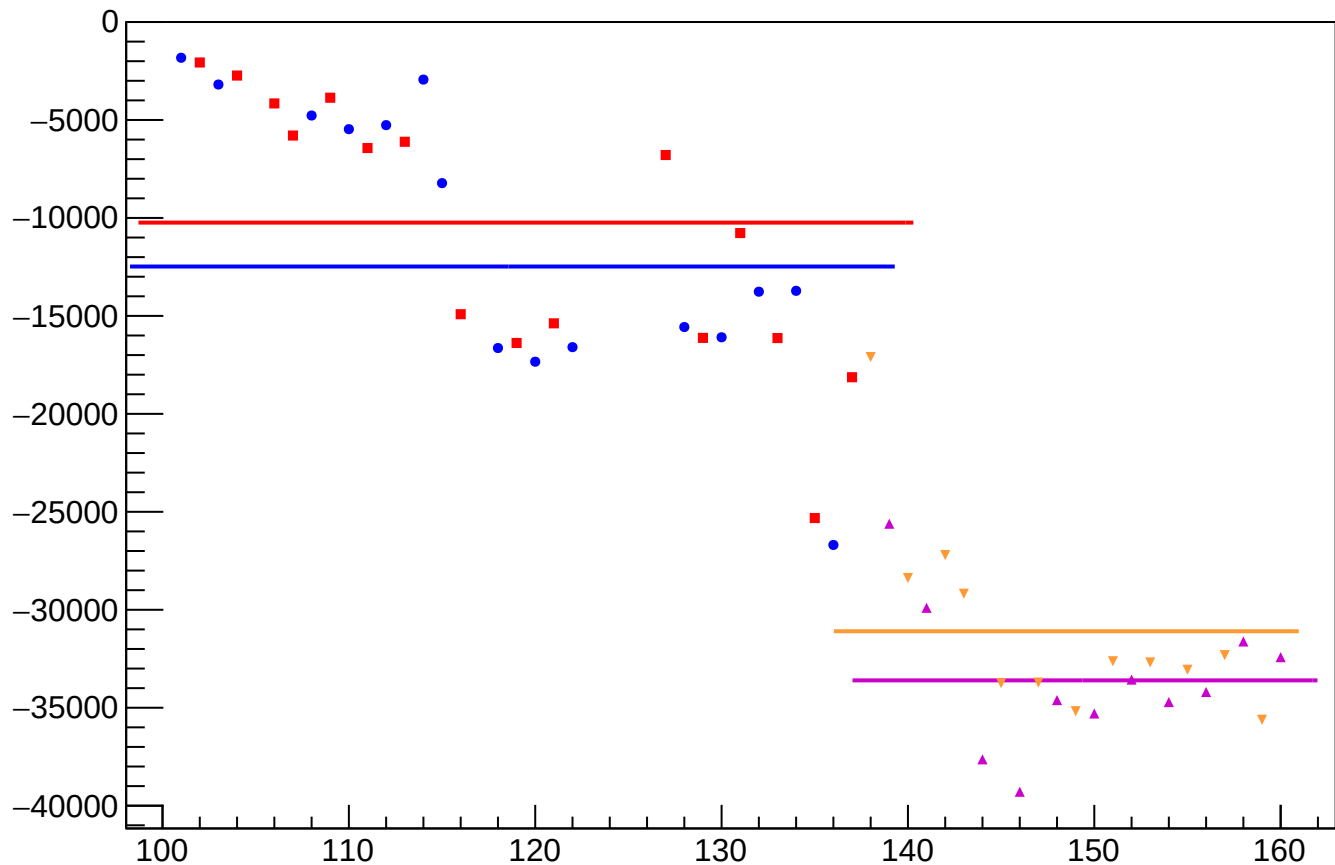
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.303+/-0.000	χ^2/NDF : 124000774019819
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11	All: 255.177+/-0.000	χ^2/NDF : 273569793225
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 253.089+/-0.000	χ^2/NDF : 149429007533601
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10		

dit_sam5_coil1_Ndata_mean vs Slug



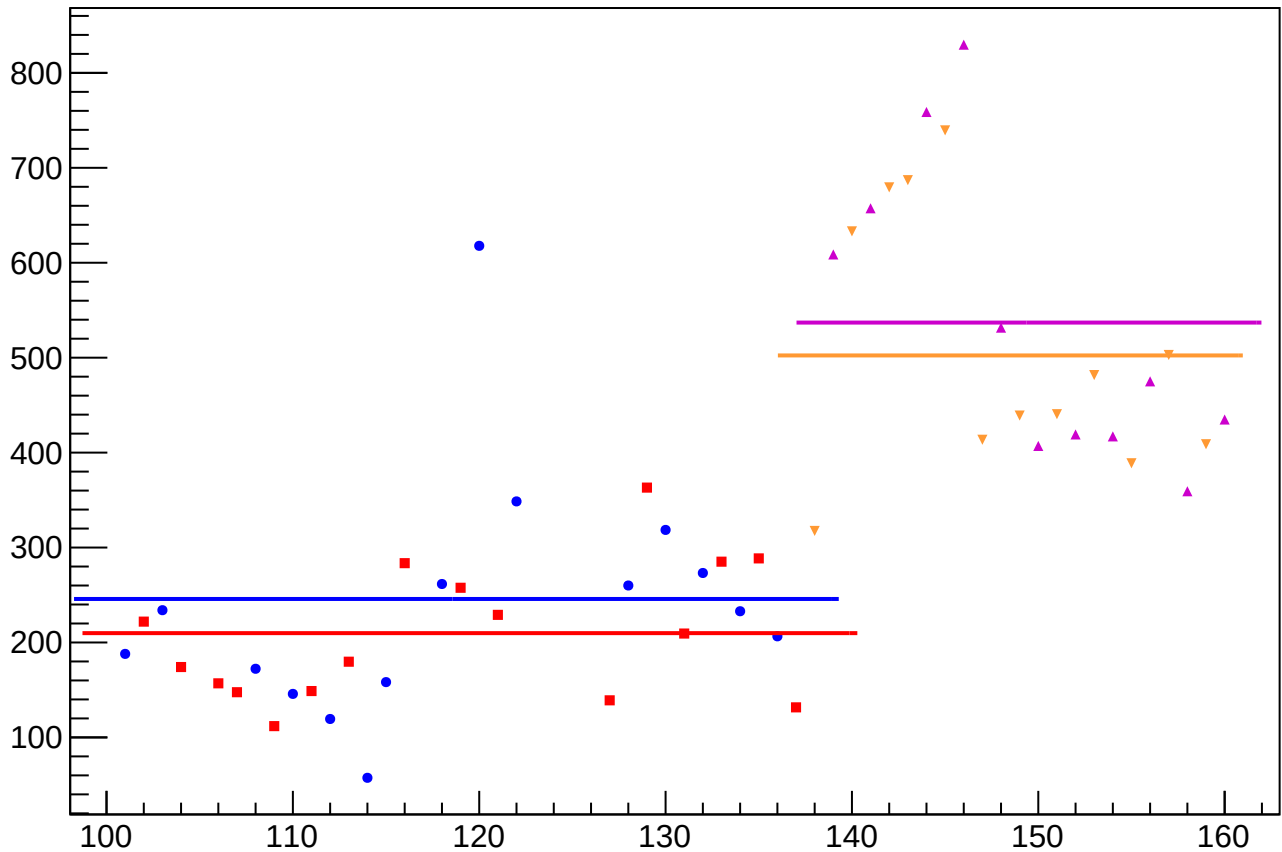
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



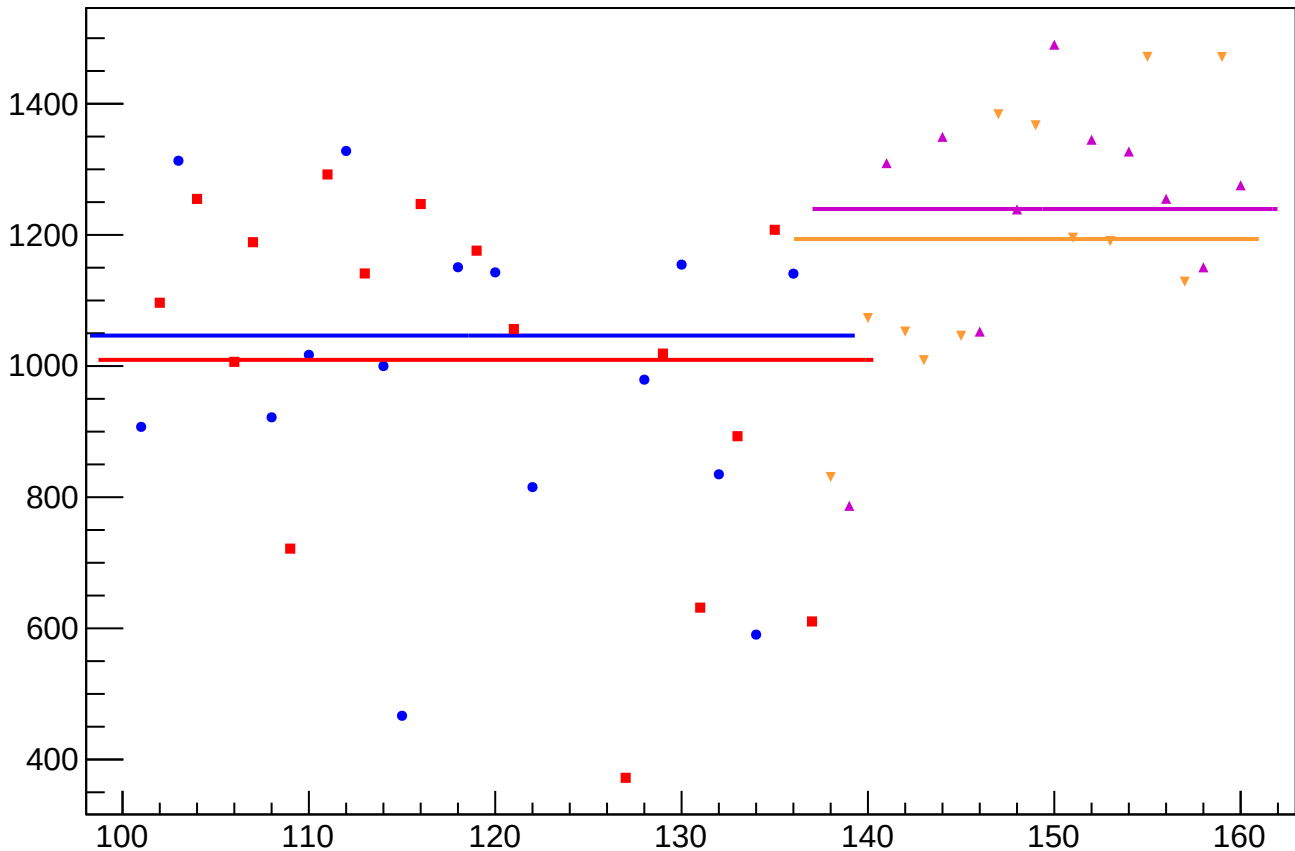
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -31096.364+/-0.000 χ^2/NDF : 21759430970673179273891990313759368282112.0/11
 Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33603.125+/-0.000 χ^2/NDF : 11377877741280377988076632069746943066112.0/10

dit_sam6_coil1_err_mean vs Slug



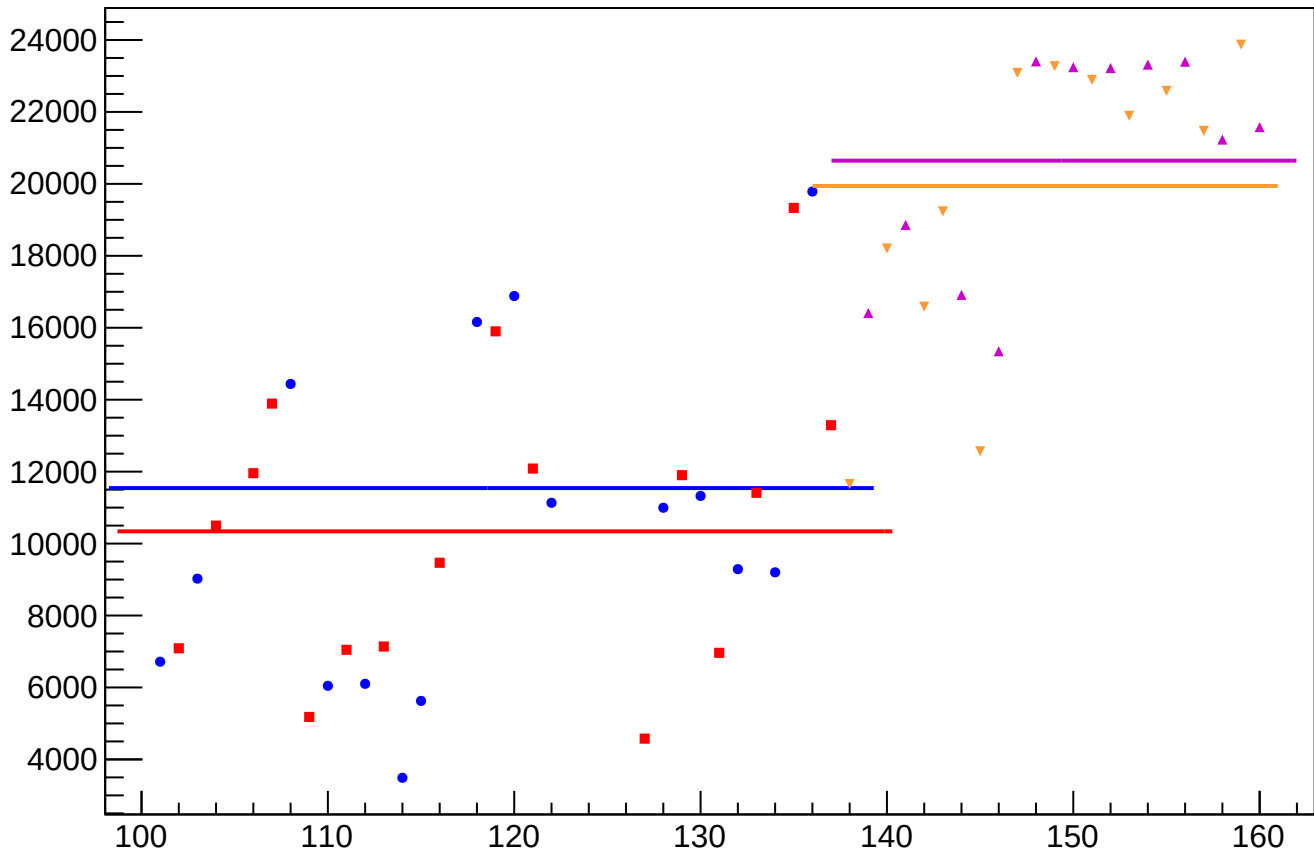
Right In: 245.832+/-0.000 χ^2/NDF : 7828269009300013139414476154059358208.0/14
 Left Out: 502.365+/-0.000 χ^2/NDF : 15191566092864942113763626663922368512.0/11
 Right Out: 209.844+/-0.000 χ^2/NDF : 3128489258838765241921217786024034304.0/15
 Left In: 536.975+/-0.000 χ^2/NDF : 20803022486400810956958367719555596288.0/10

dit_sam6_coil1_Ndata_mean vs Slug



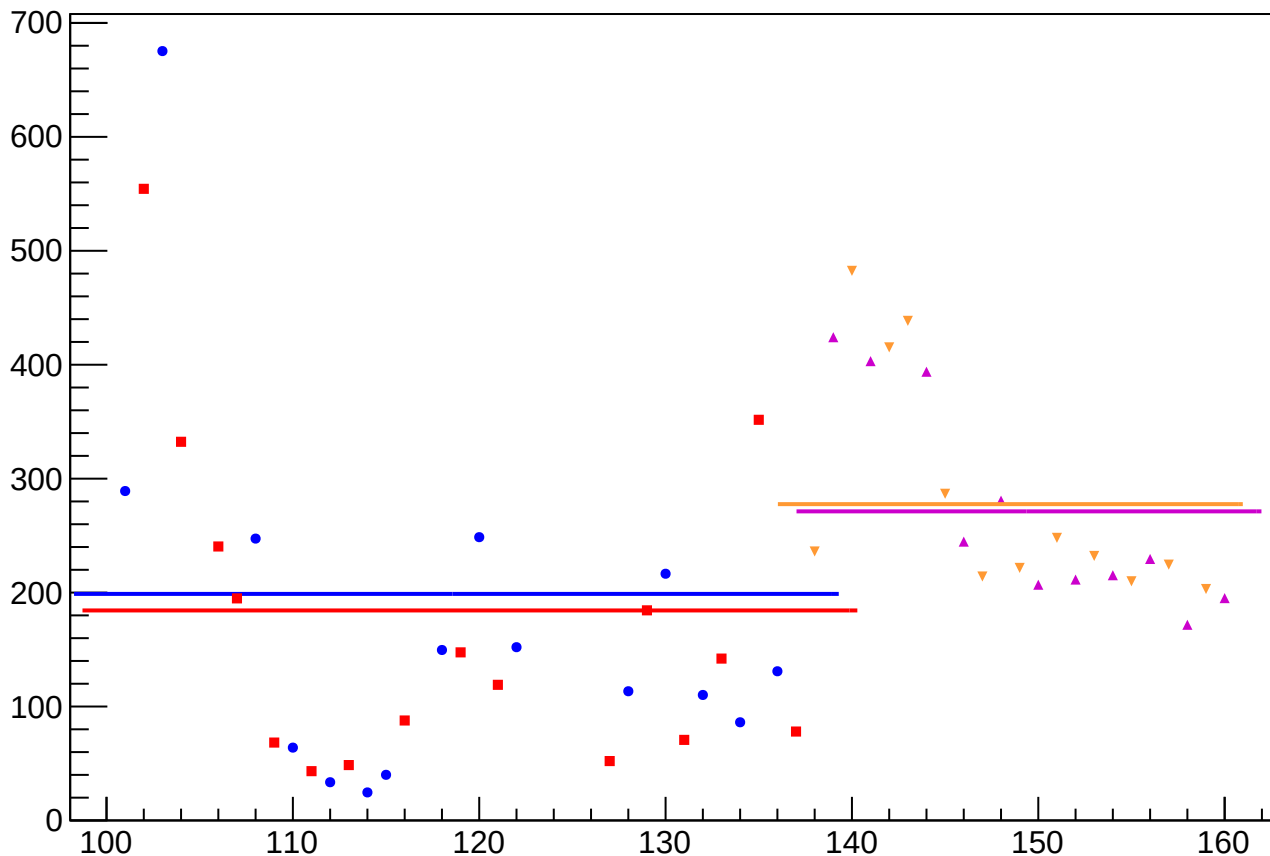
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19940.398+/-0.000 χ^2/NDF : 15069486743345866506868658008400293003264.0/11
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 20645.358+/-0.000 χ^2/NDF : 8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 277.638+/-0.000 χ^2/NDF : 8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

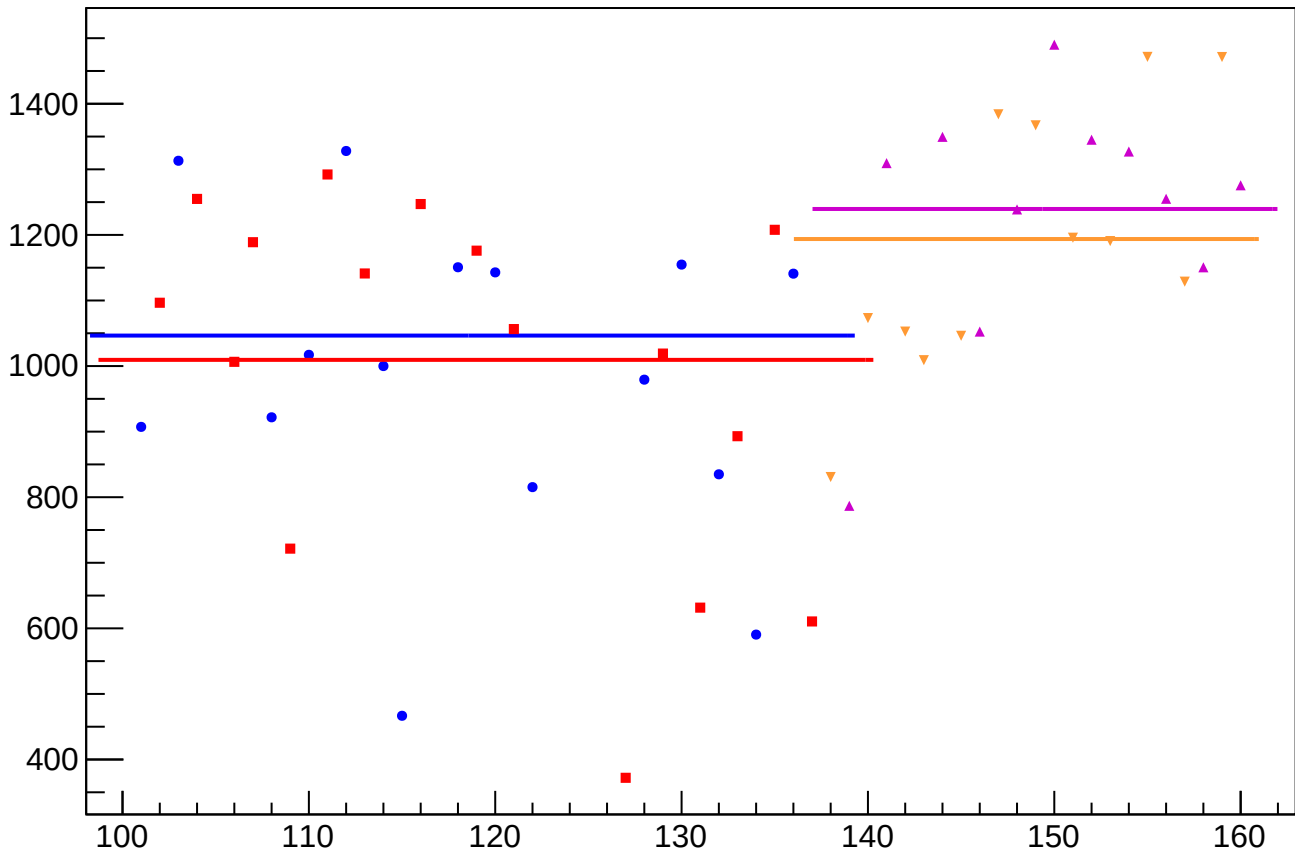
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF : 287284397950927

All: 239.833+/-0.000 χ^2/NDF : 537780837700

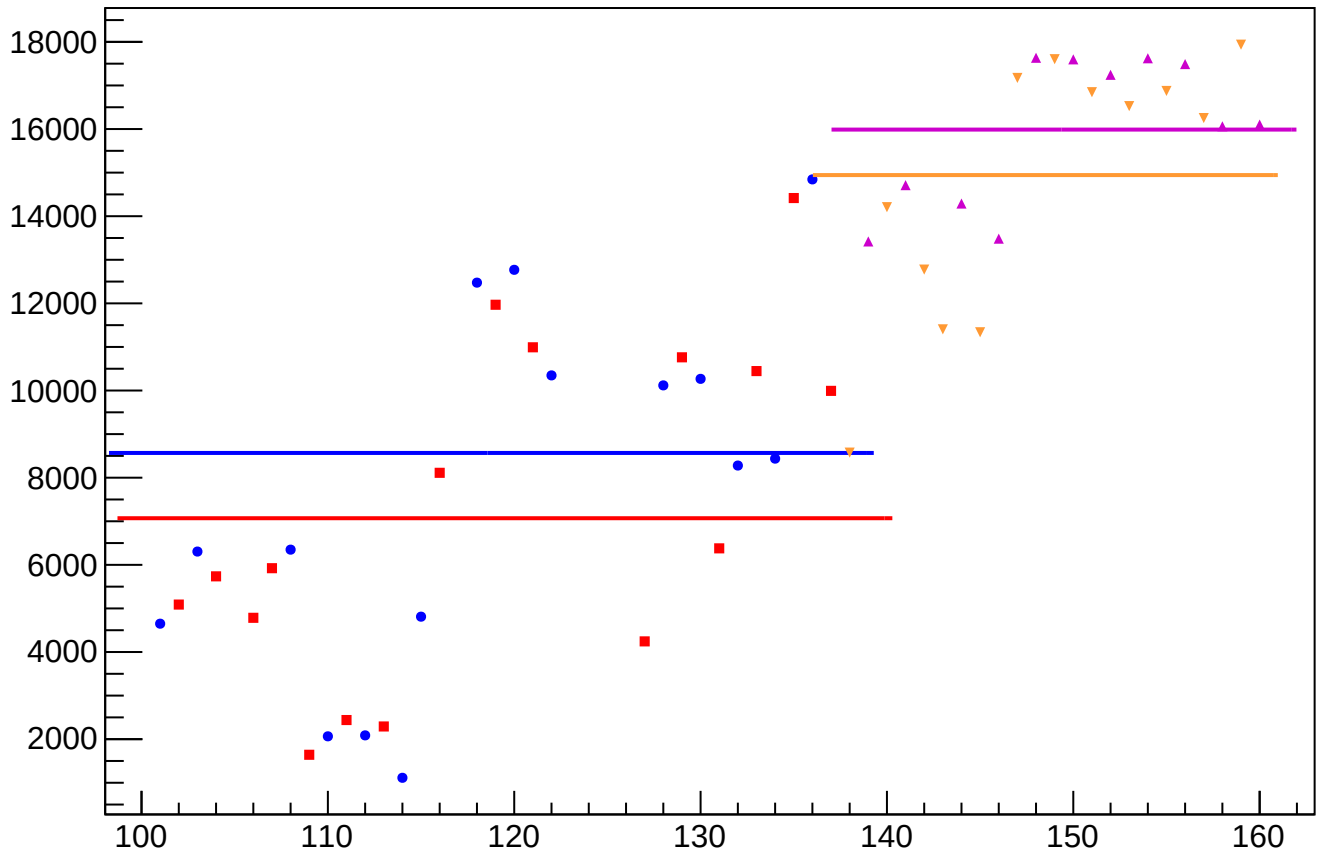
- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



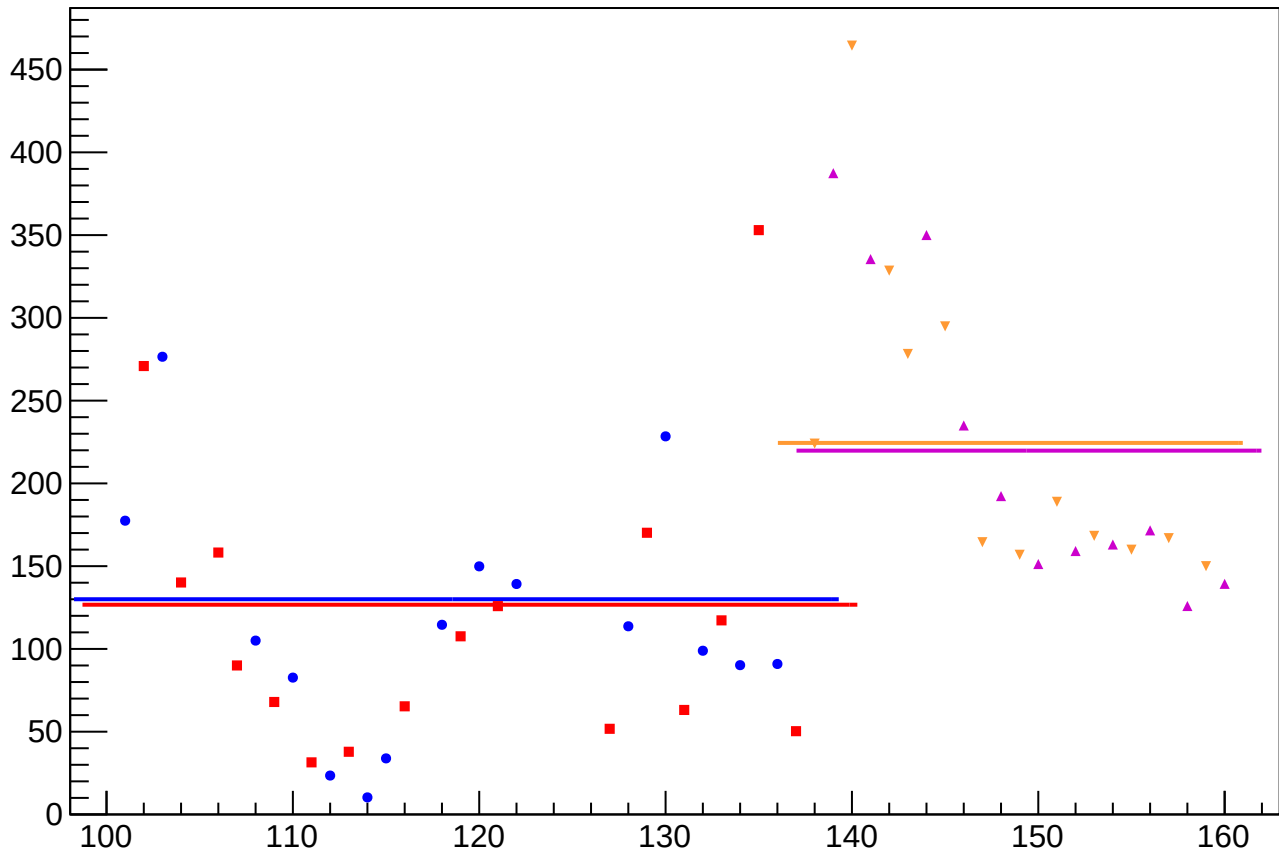
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

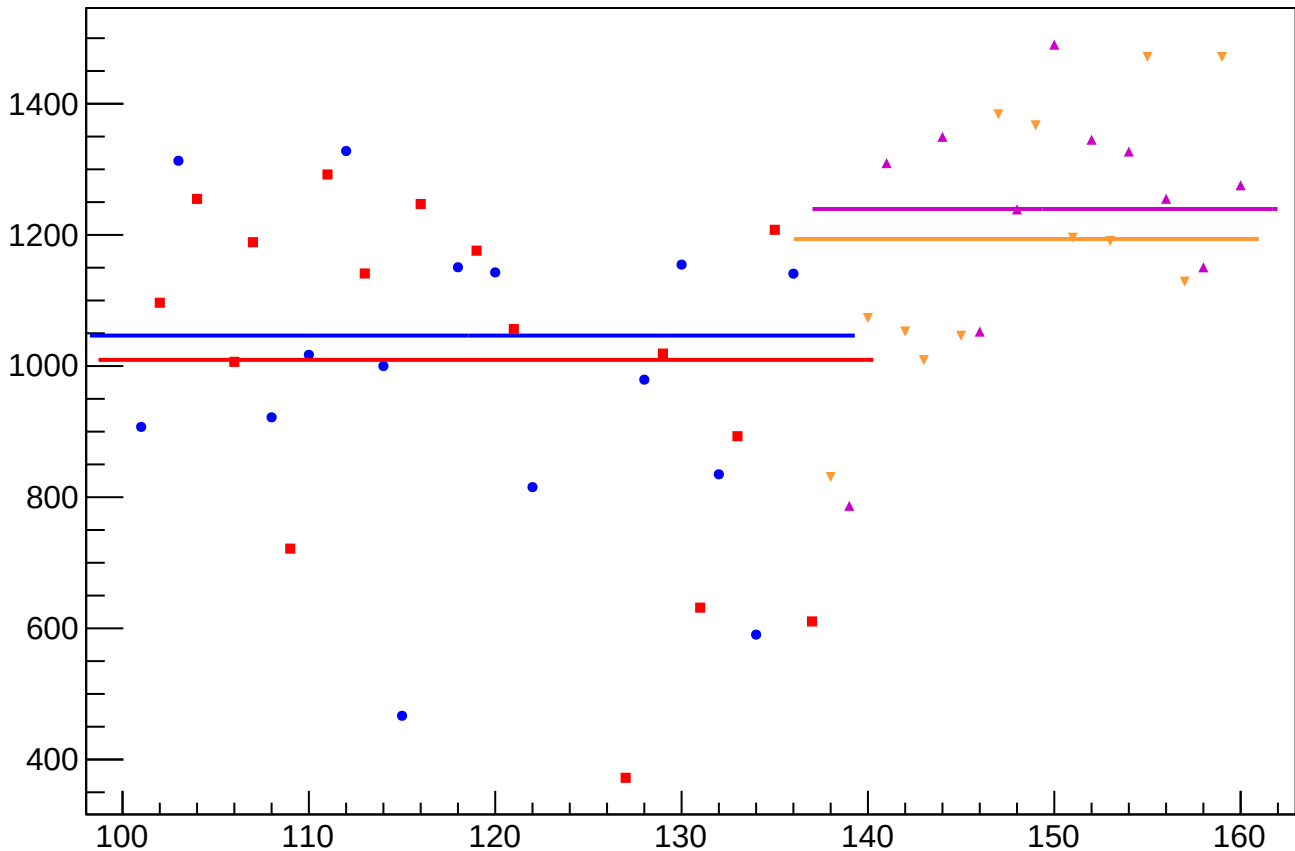
dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000	χ^2/NDF : 3115259987552341725946418665378283520.0/14
Left Out: 224.458+/-0.000	χ^2/NDF : 7870394140048491055430374232164401152.0/11
Right Out: 126.709+/-0.000	χ^2/NDF : 5397122581297664561308621600668516352.0/15
Left In: 219.787+/-0.000	χ^2/NDF : 7418609629454172879787970620999860224.0/10

+ sign 185.245+/-0.000 χ^2/NDF : 143703436446713
 All: 182.985+/-0.000 χ^2/NDF : 30557896618
 - sign 180.765+/-0.000 χ^2/NDF : 161717315752514

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

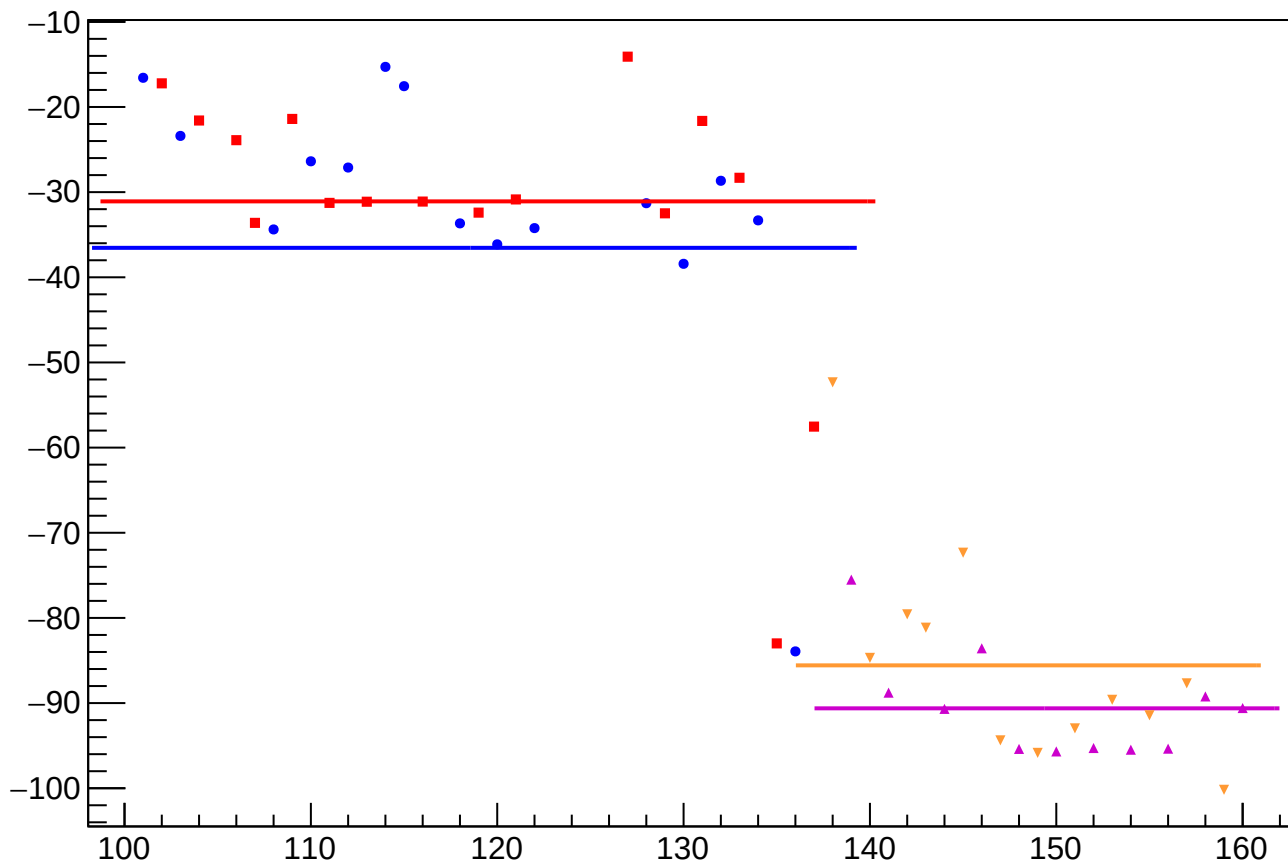
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ 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_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -85.570+/-0.000 χ^2/NDF : 143557776257547990865591640732467200.0/11

Right Out: -31.085+/-0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

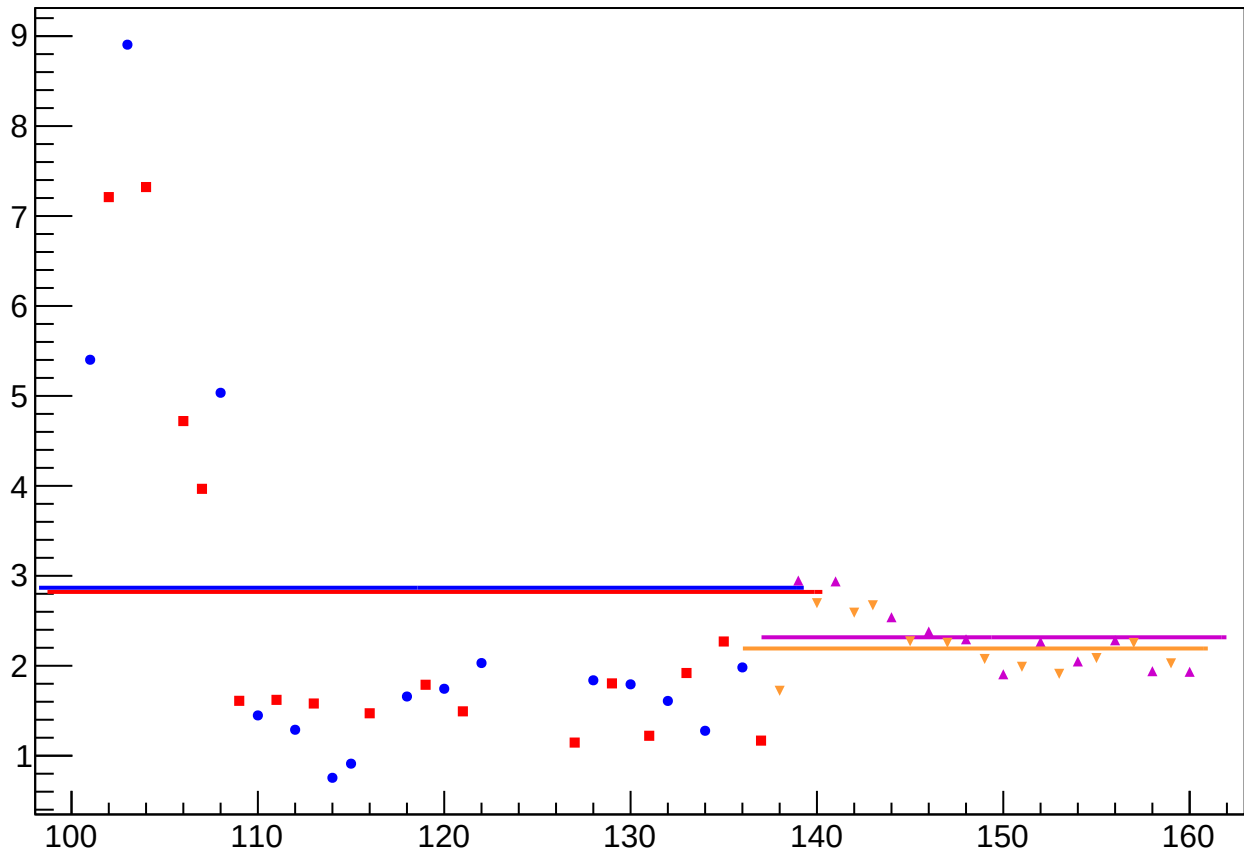
Left In: -90.618+/-0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212+/-0.000 χ^2/NDF : 131026728865009

All: -65.438+/-0.000 χ^2/NDF : 289770508585

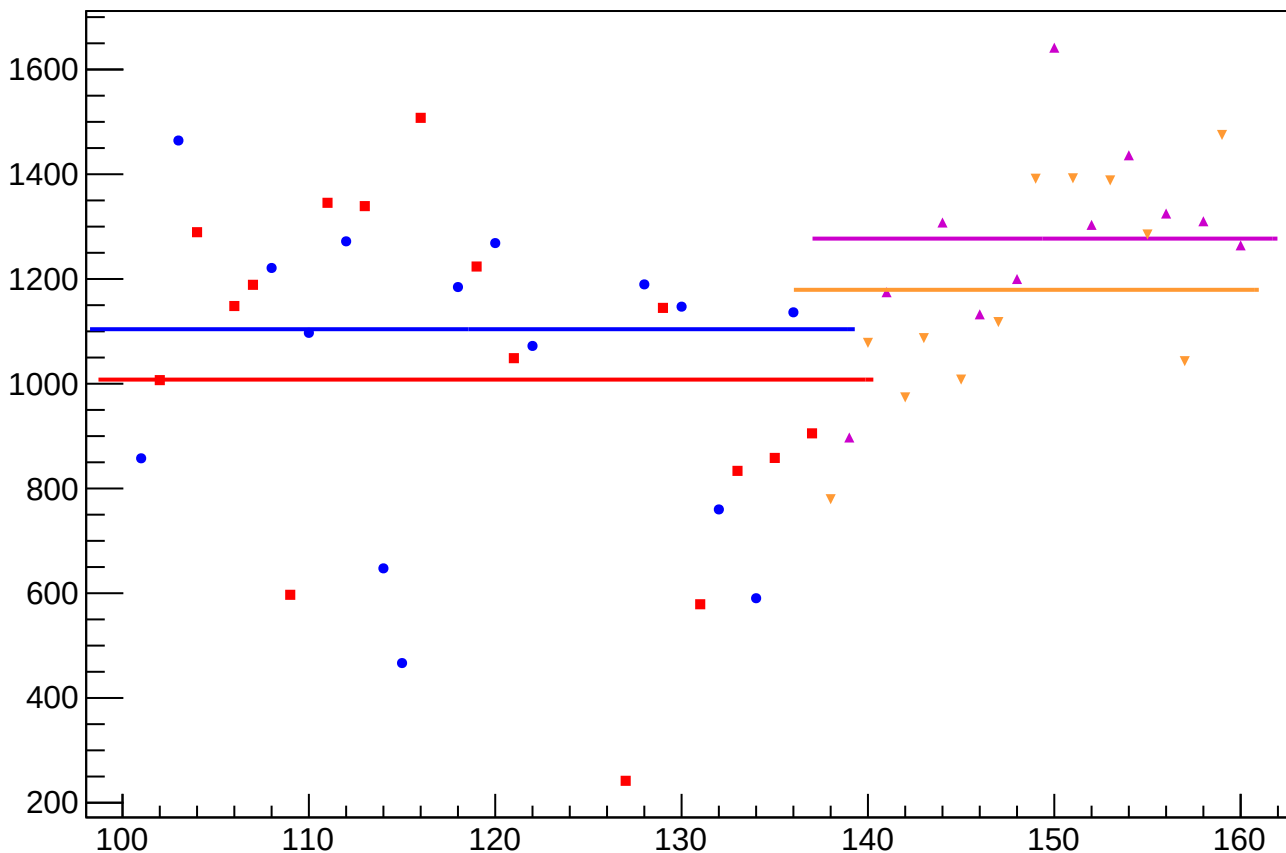
- sign -65.660+/-0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 +/- 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.192 +/- 0.000 χ^2/NDF : 76043906789141561084580015898624.0/11
 Right Out: 2.821 +/- 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.317 +/- 0.000 χ^2/NDF : 114372564725079889099013285216256.0/10

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

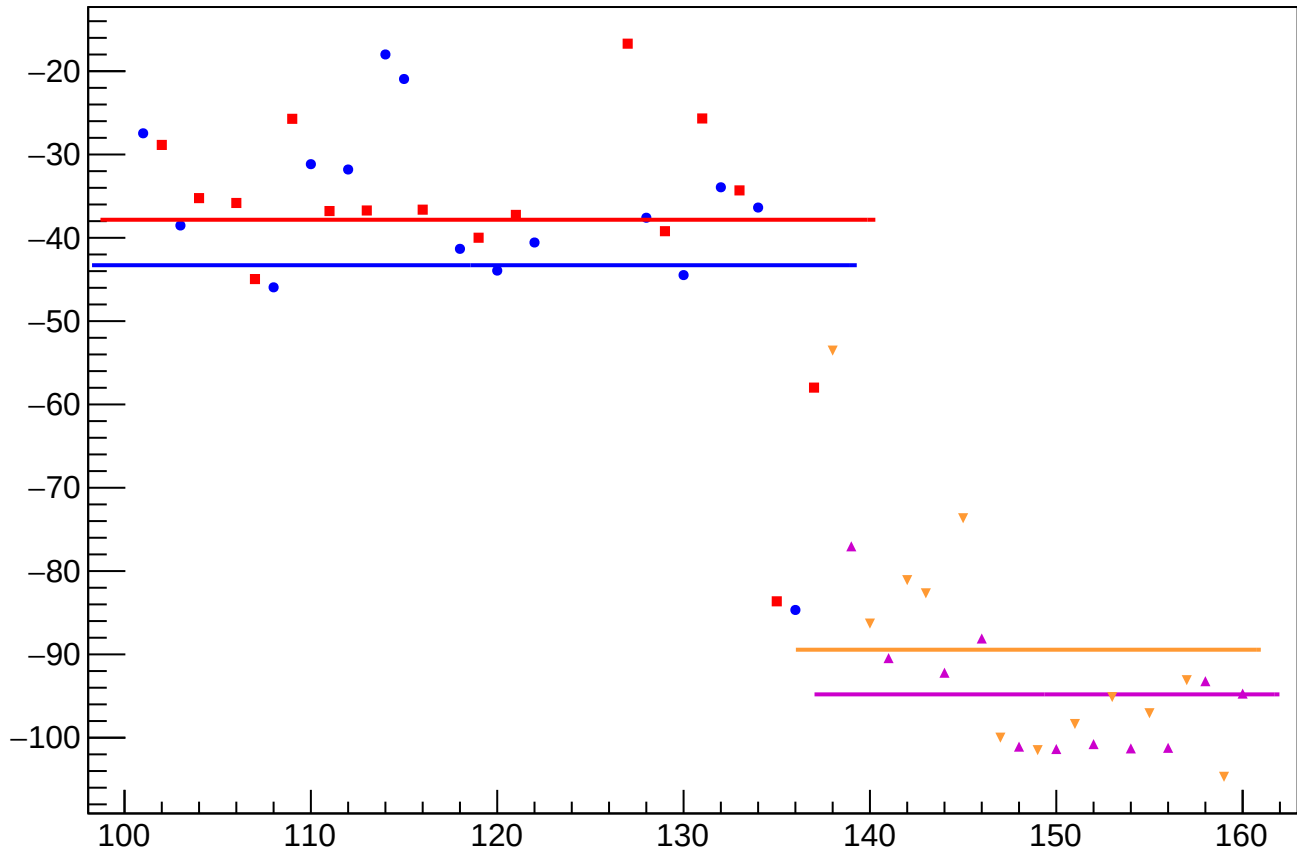
Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

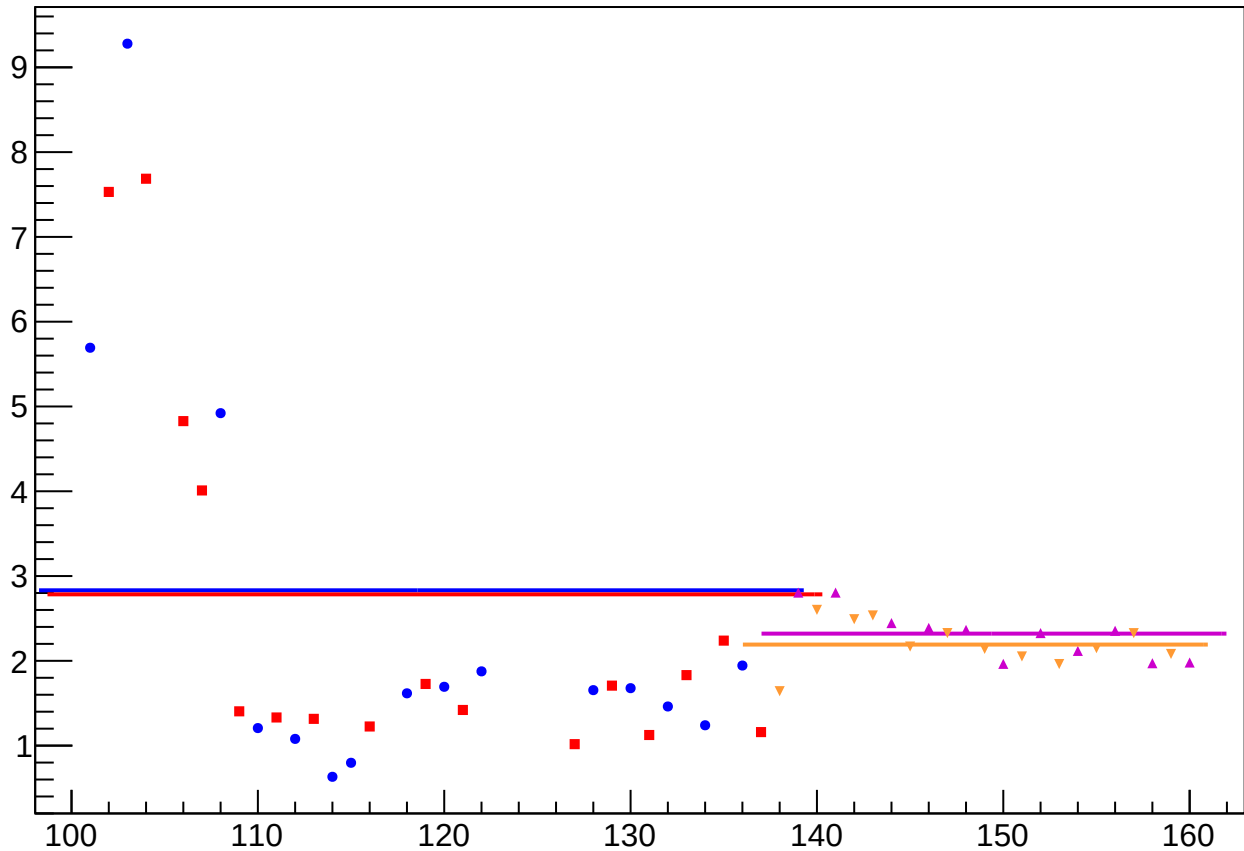
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

dit_4eX_coil3_mean vs Slug



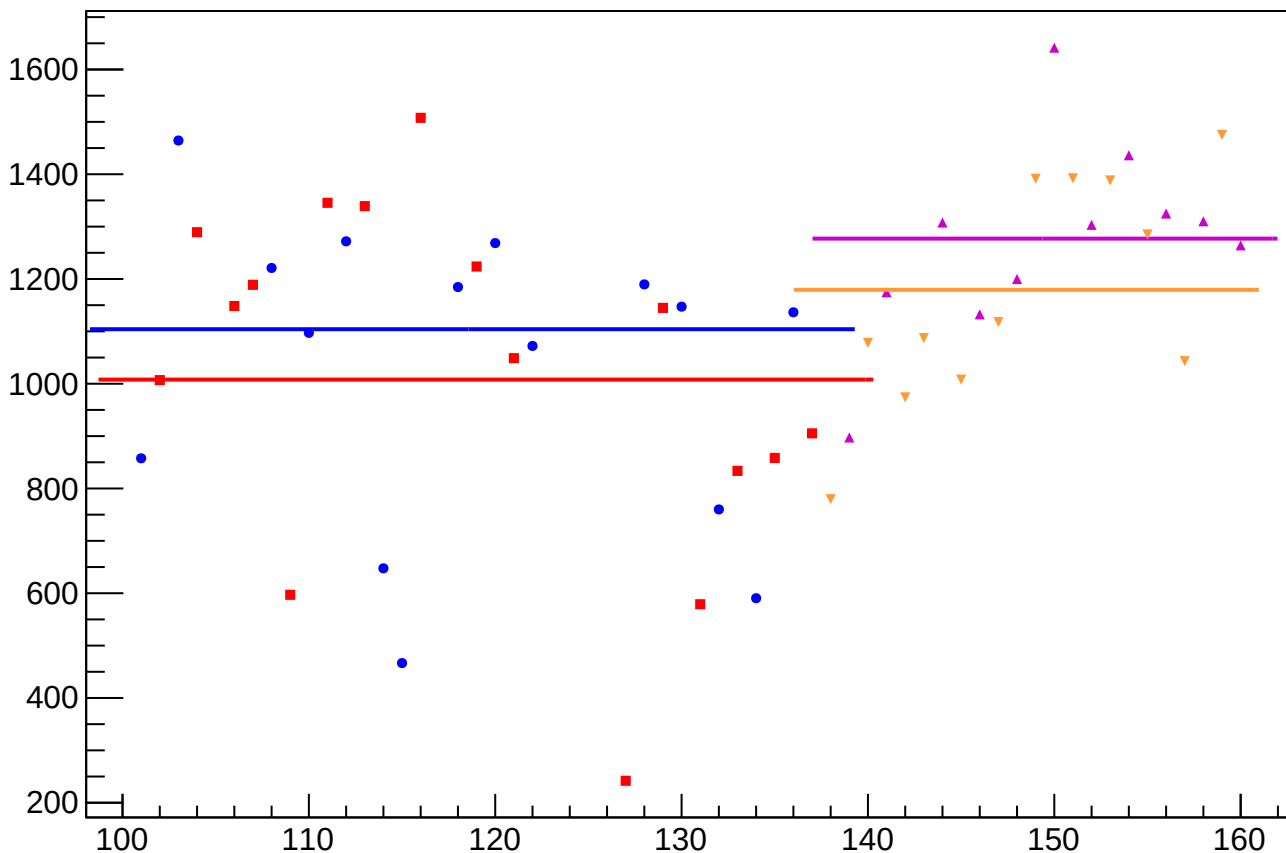
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 ± 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.192 ± 0.000 χ^2/NDF : 59601559247415008947816525463552.0/11
 Right Out: 2.784 ± 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.321 ± 0.000 χ^2/NDF : 74619123224616324544404505231360.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

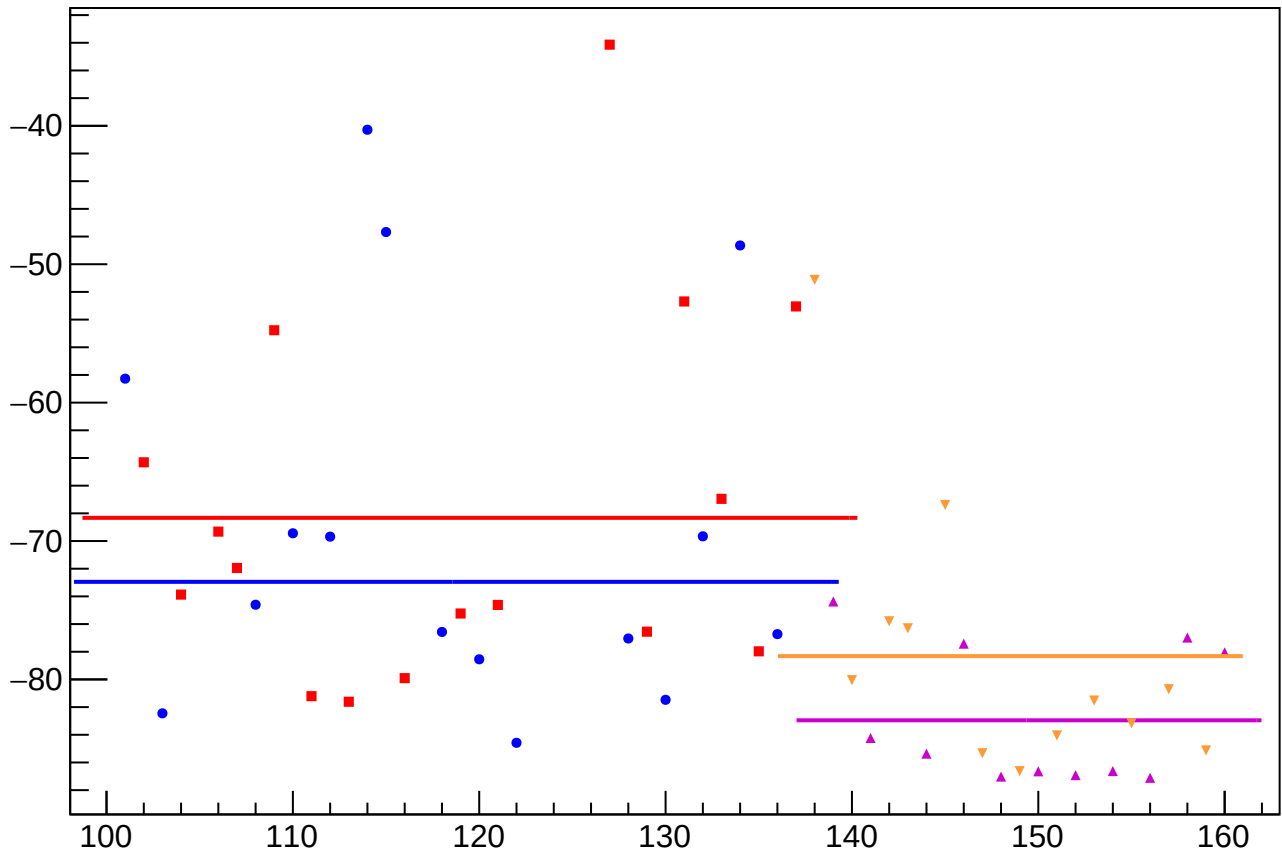
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_11X12X_coil3_mean vs Slug



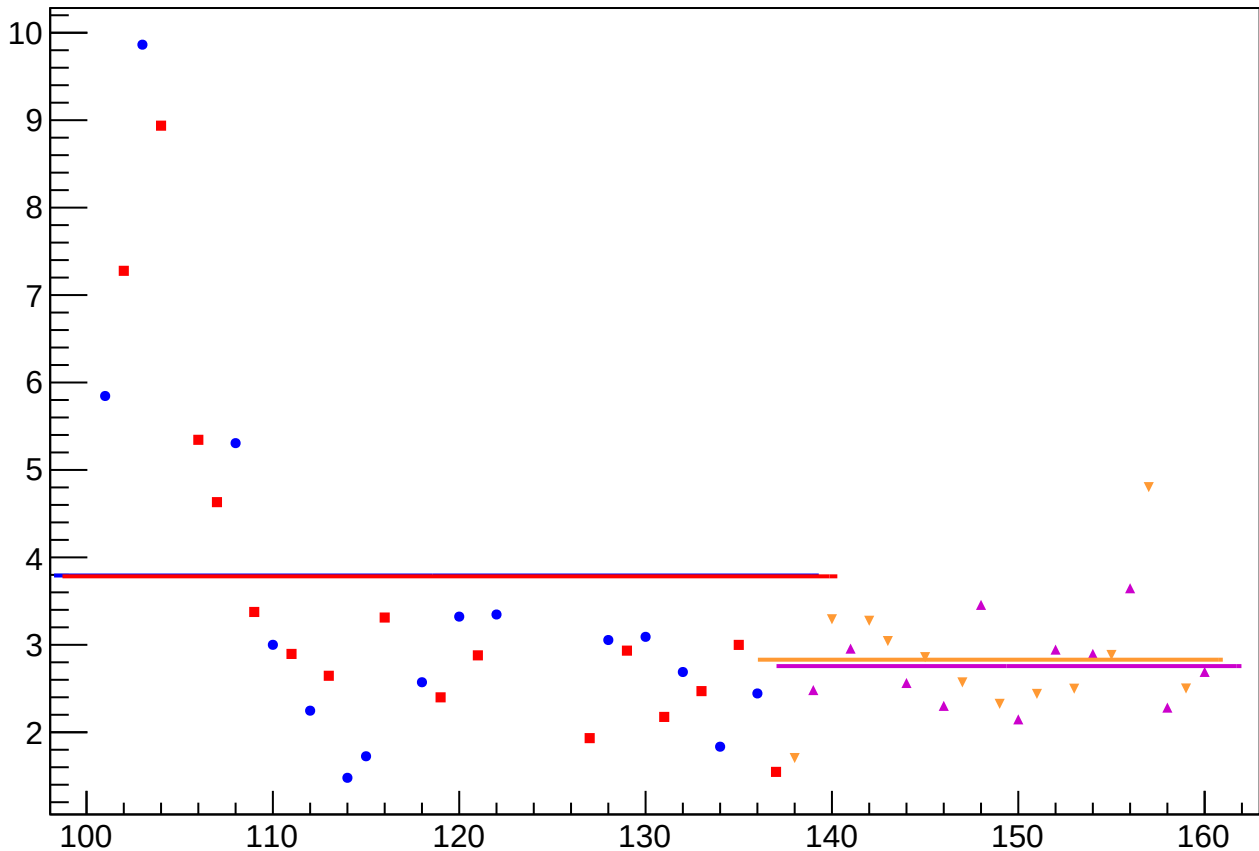
Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

Left Out: -78.317+/-0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11

Right Out: -68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

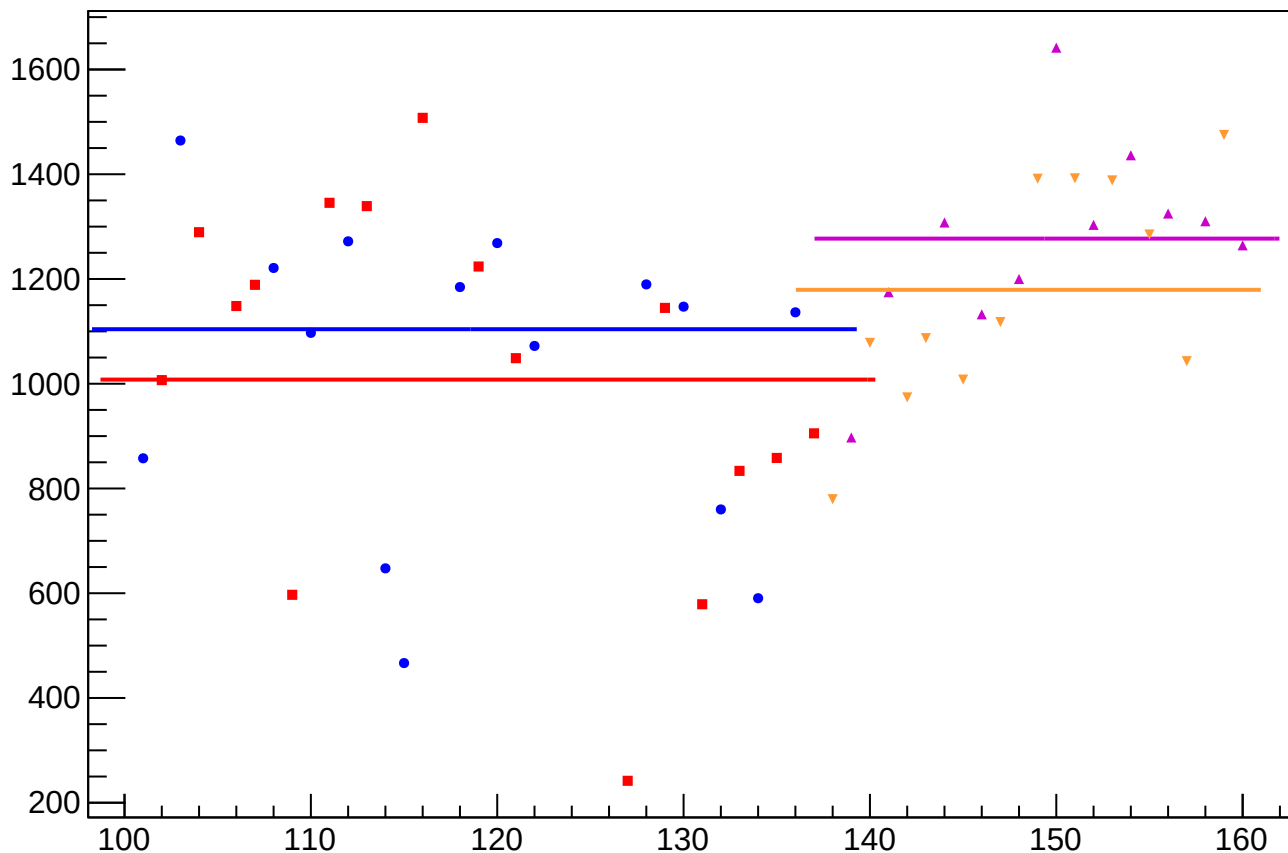
Left In: -82.954+/-0.000 χ^2/NDF : 20419157774877297849205303170564096.0/10

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.830+/-0.000 χ^2/NDF : 492749026028838907947829621161984.0/11
 Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: 2.757+/-0.000 χ^2/NDF : 191720746547732306226054042746880.0/10

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

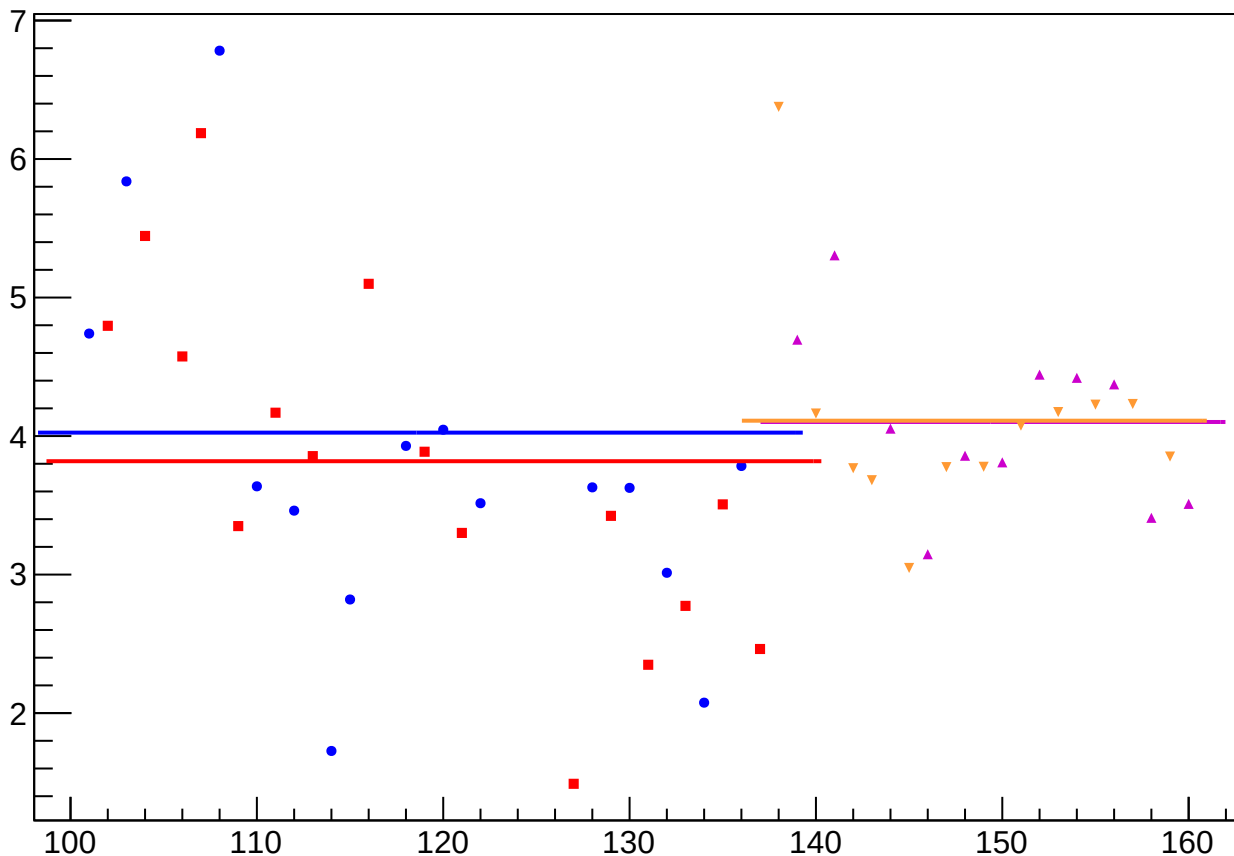
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aY_coil3_mean vs Slug



Right In: 4.025 ± 0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.111 ± 0.000 χ^2/NDF : 532620096510613693690902891986944.0/11

Right Out: 3.819 ± 0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

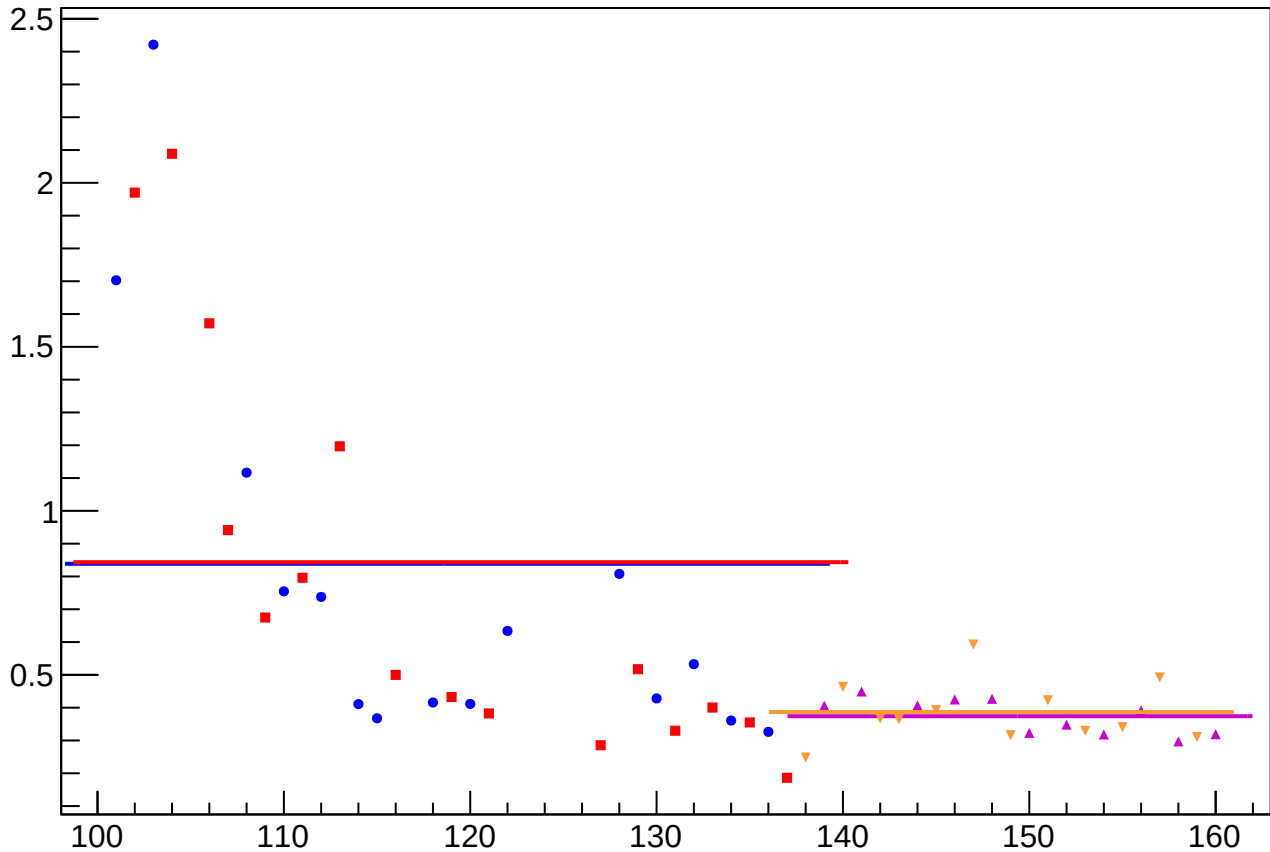
Left In: 4.102 ± 0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ sign 4.075 ± 0.000 χ^2/NDF : 13044380384615704

All: 4.029 ± 0.000 χ^2/NDF : 2560414246886

- sign 3.983 ± 0.000 χ^2/NDF : 12492685976346881

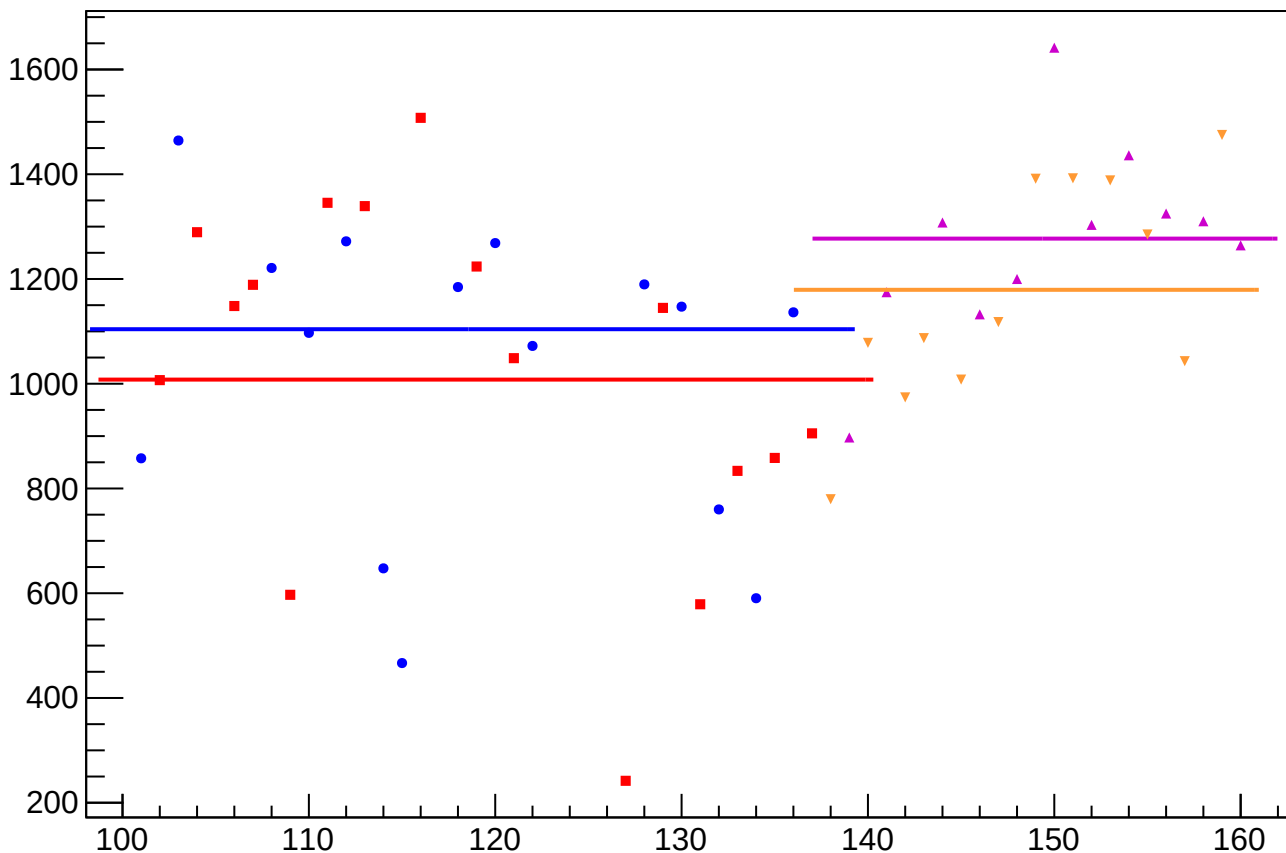
dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 ± 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14
 Left Out: 0.387 ± 0.000 χ^2/NDF : 7656532010606705303389852401664.0/11
 Right Out: 0.844 ± 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15
 Left In: 0.374 ± 0.000 χ^2/NDF : 2408191855928929204652403064832.0/10

+ sign 0.574 ± 0.000 χ^2/NDF : 34361299710521939
 All: 0.573 ± 0.000 χ^2/NDF : 68434990603829
 - sign 0.571 ± 0.000 χ^2/NDF : 34072705828258961

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

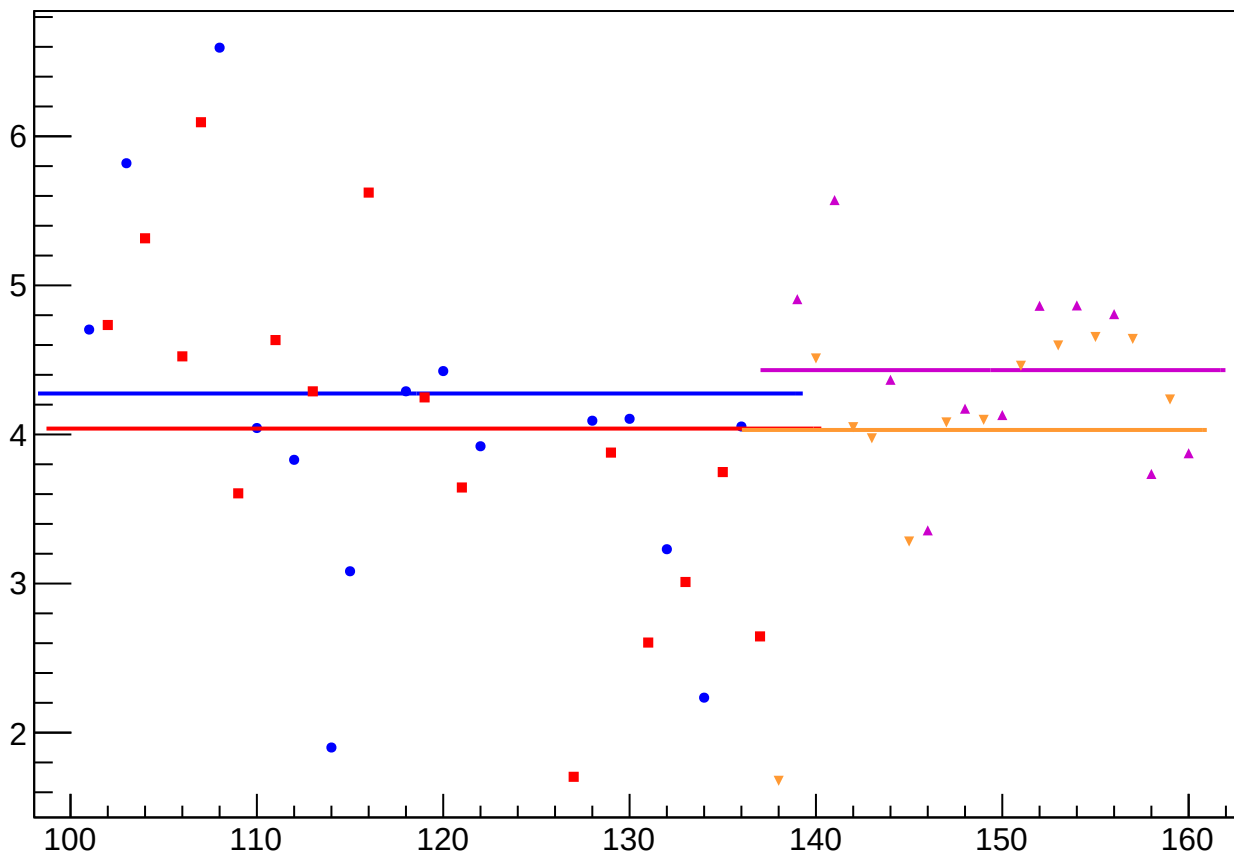
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.039+/-0.000 χ^2/NDF : 600797720921367466879695481470976.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

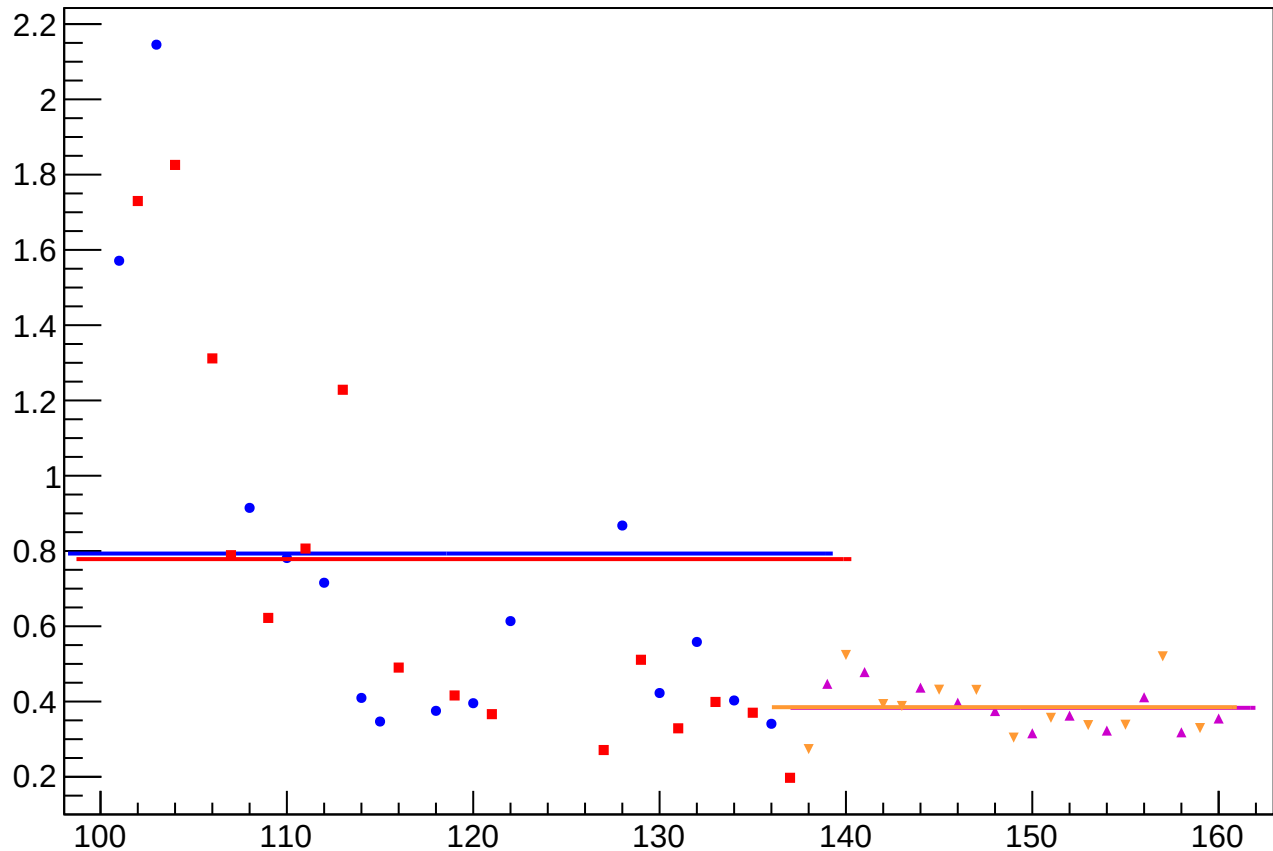
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

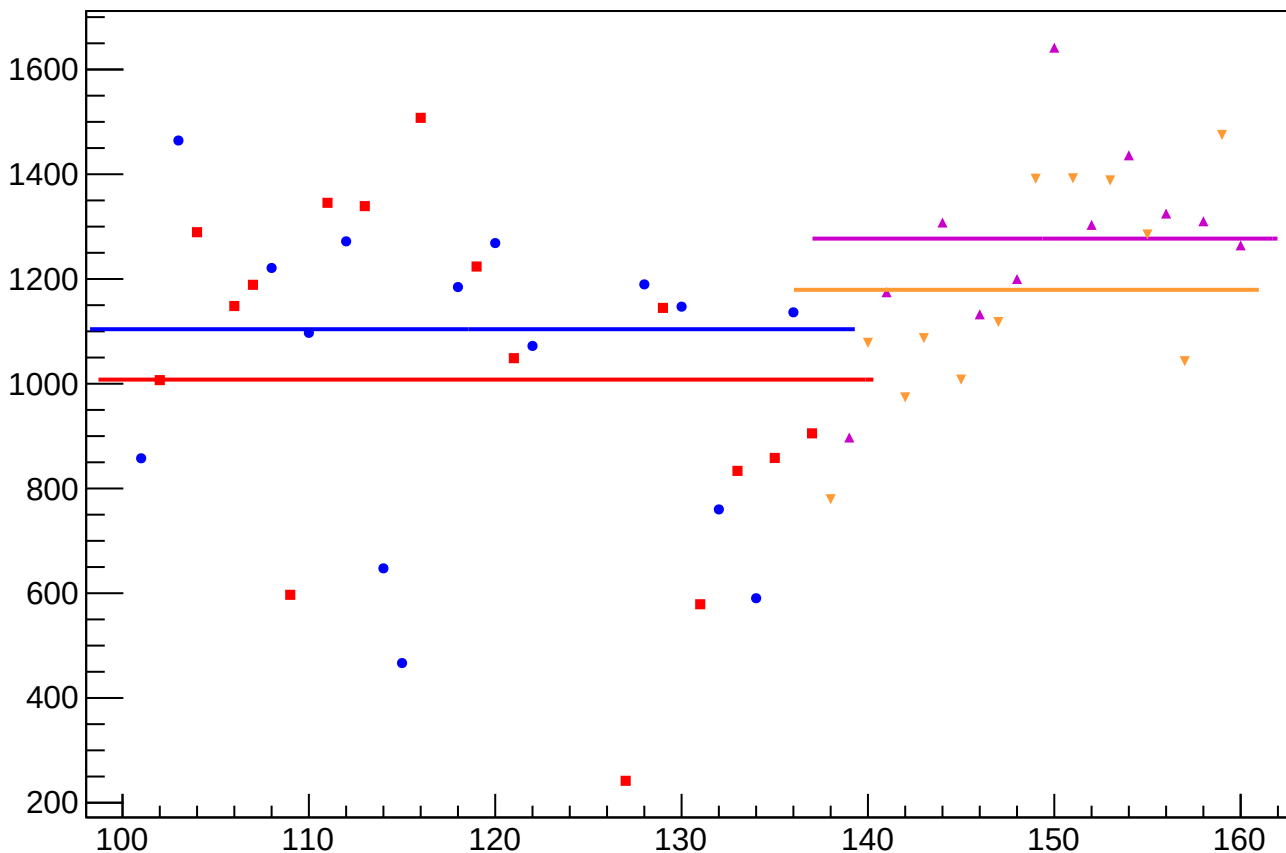
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.385 $\pm$ 0.000 χ^2/NDF : 5547784180240414411423653822464.0/11
 Right Out: 0.778 $\pm$ 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.383 $\pm$ 0.000 χ^2/NDF : 2618375268437967875049691021312.0/10

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

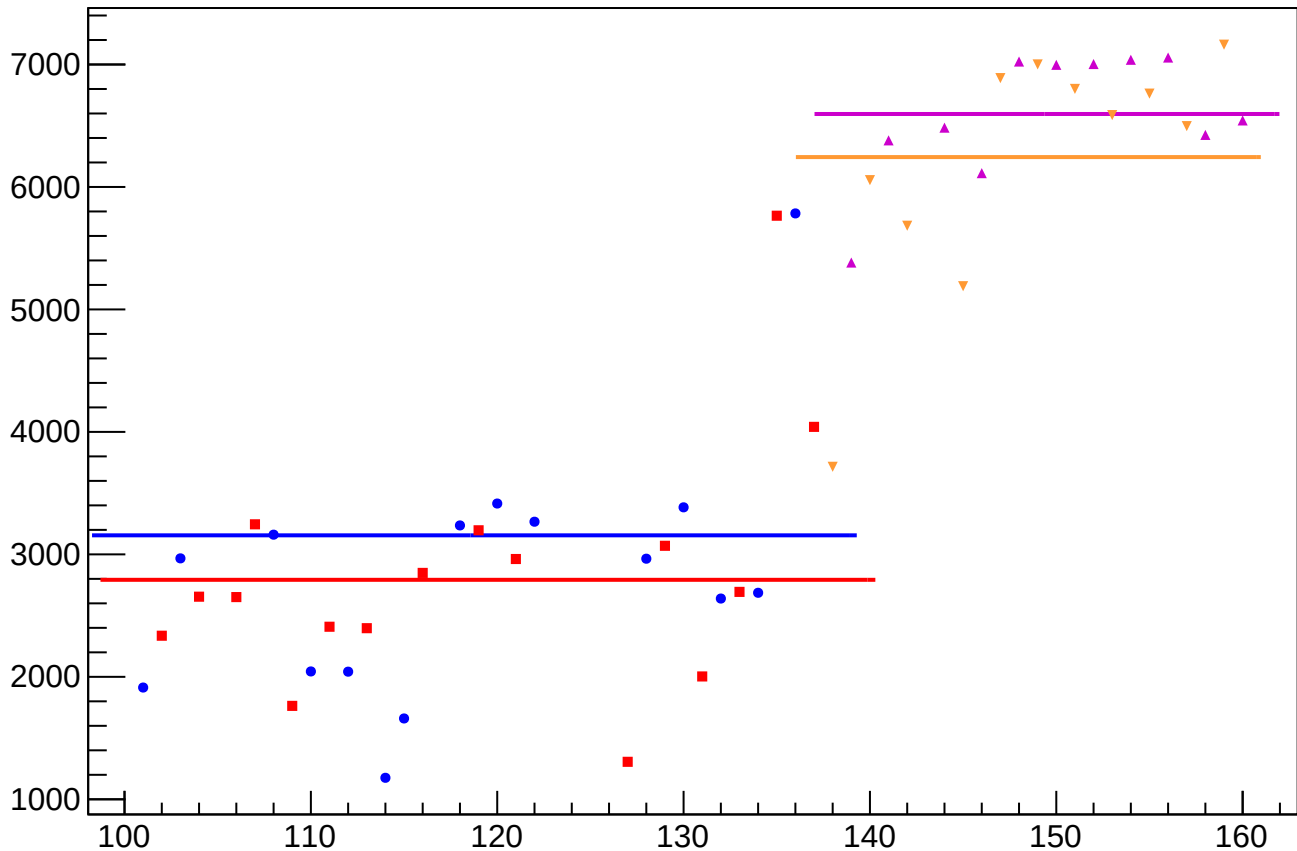
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

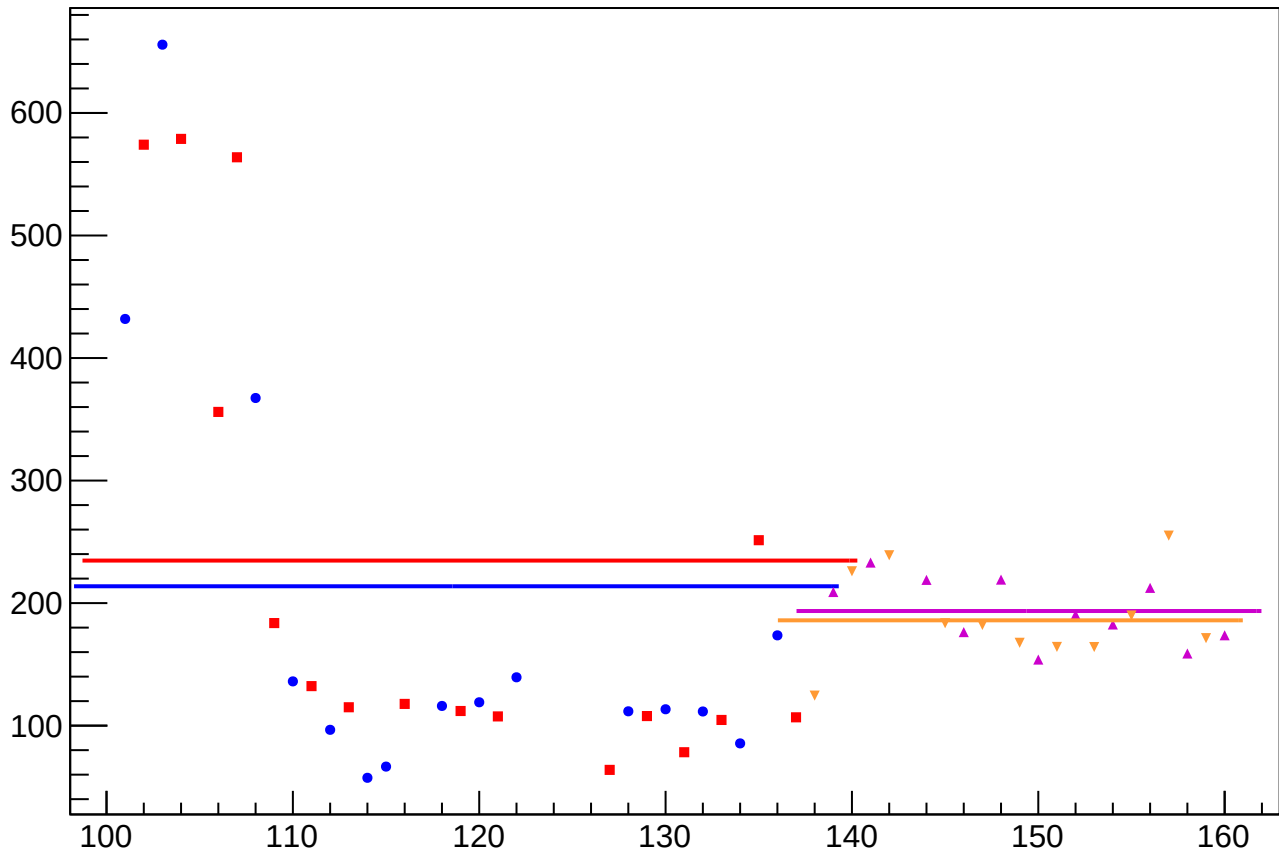
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usl_coil3_mean vs Slug



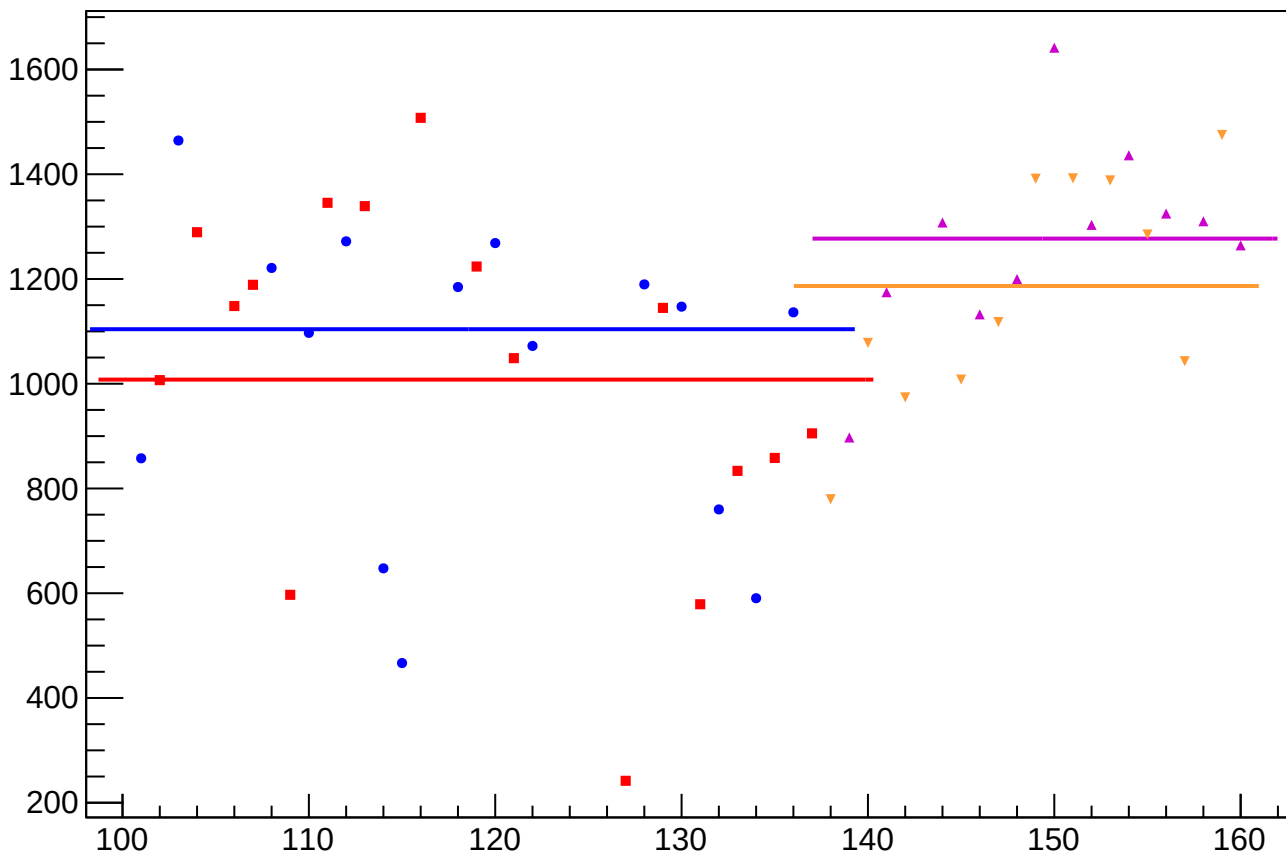
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6243.976+/-0.000 χ^2/NDF : 811230786168378302780139165688711348224.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

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

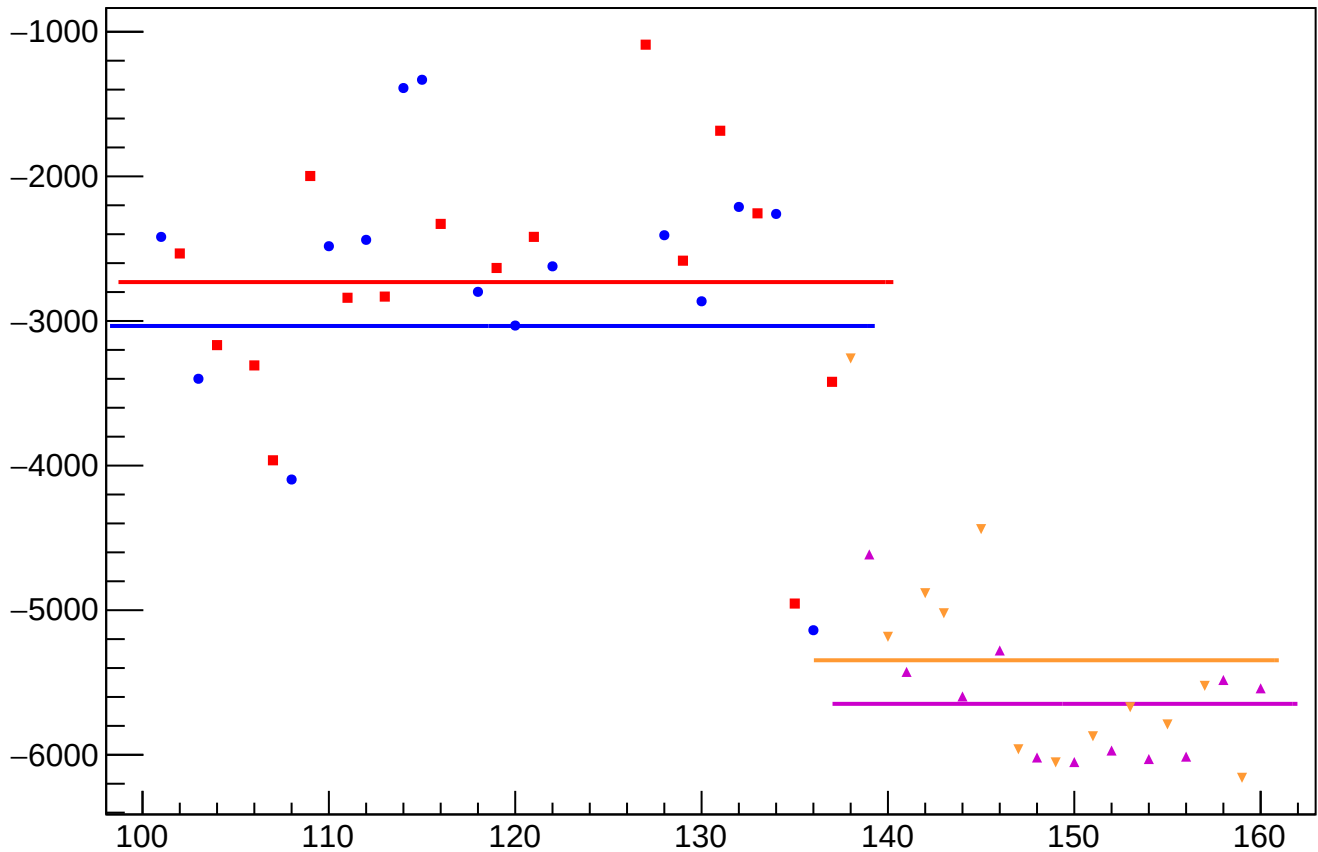
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833

All: 1157.745+/-0.000 χ^2/NDF : 20023337148

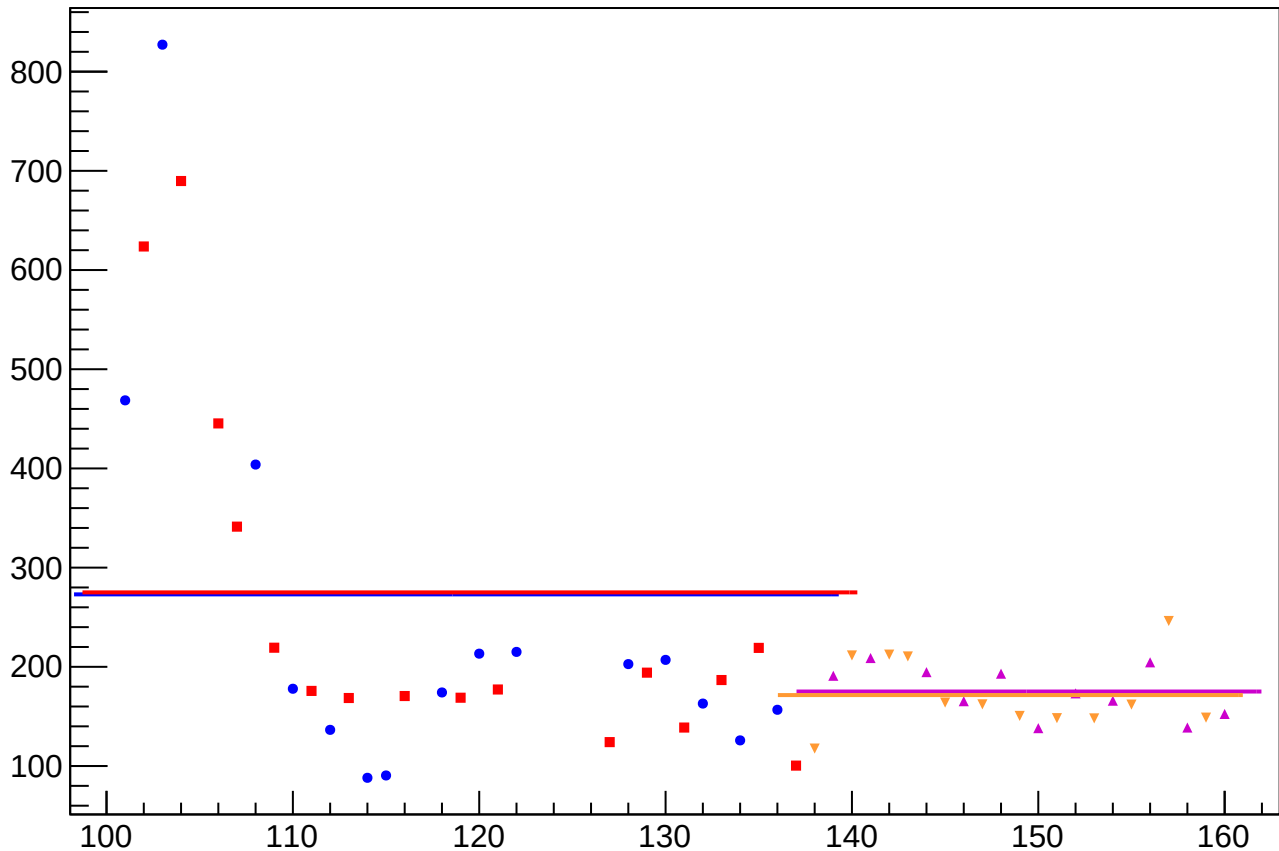
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



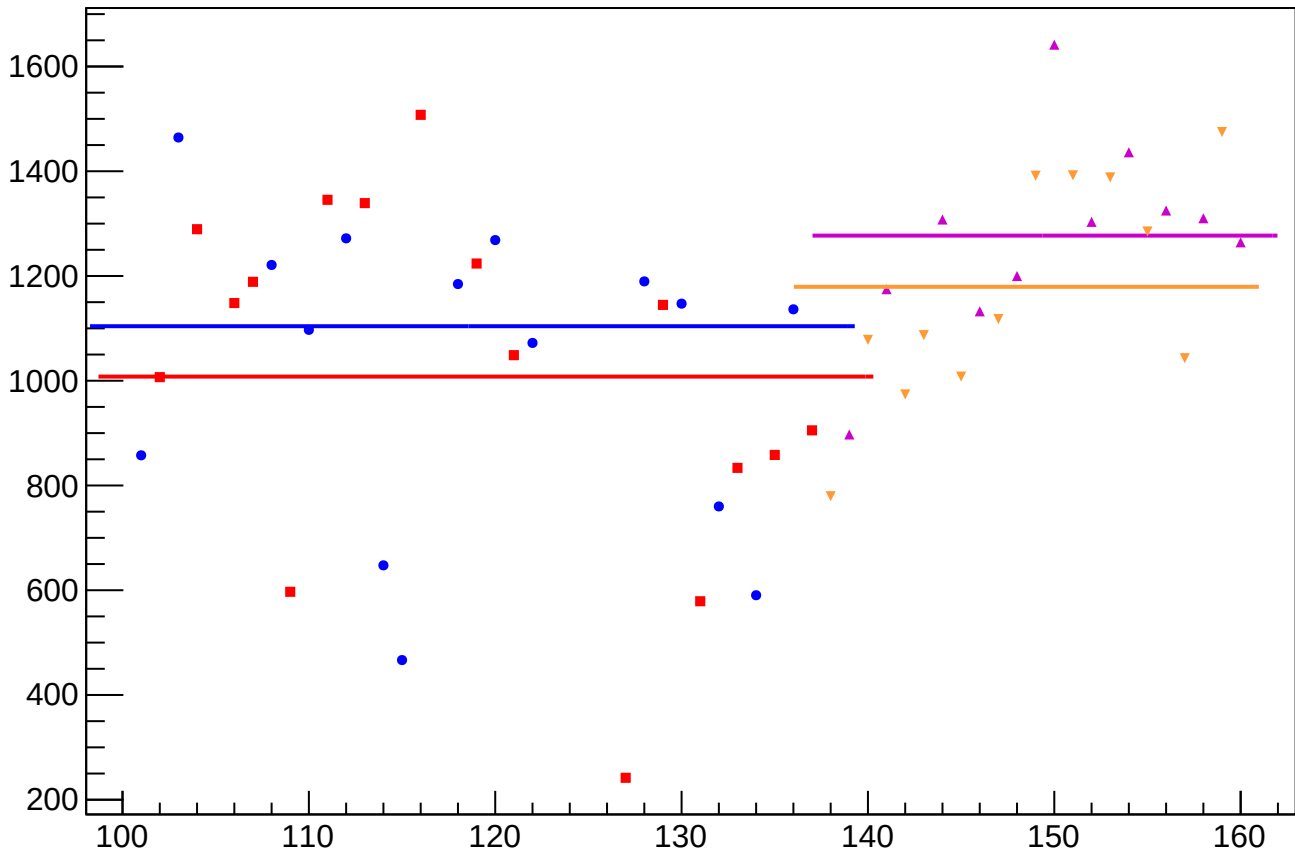
Right In: -3034.527 $\pm$ 0.000 χ^2 /NDF: 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287 $\pm$ 0.000 χ^2 /NDF: 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035 $\pm$ 0.000 χ^2 /NDF: 528290847703567991555694629239211950080.0/15
 Left In: -5647.632 $\pm$ 0.000 χ^2 /NDF: 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

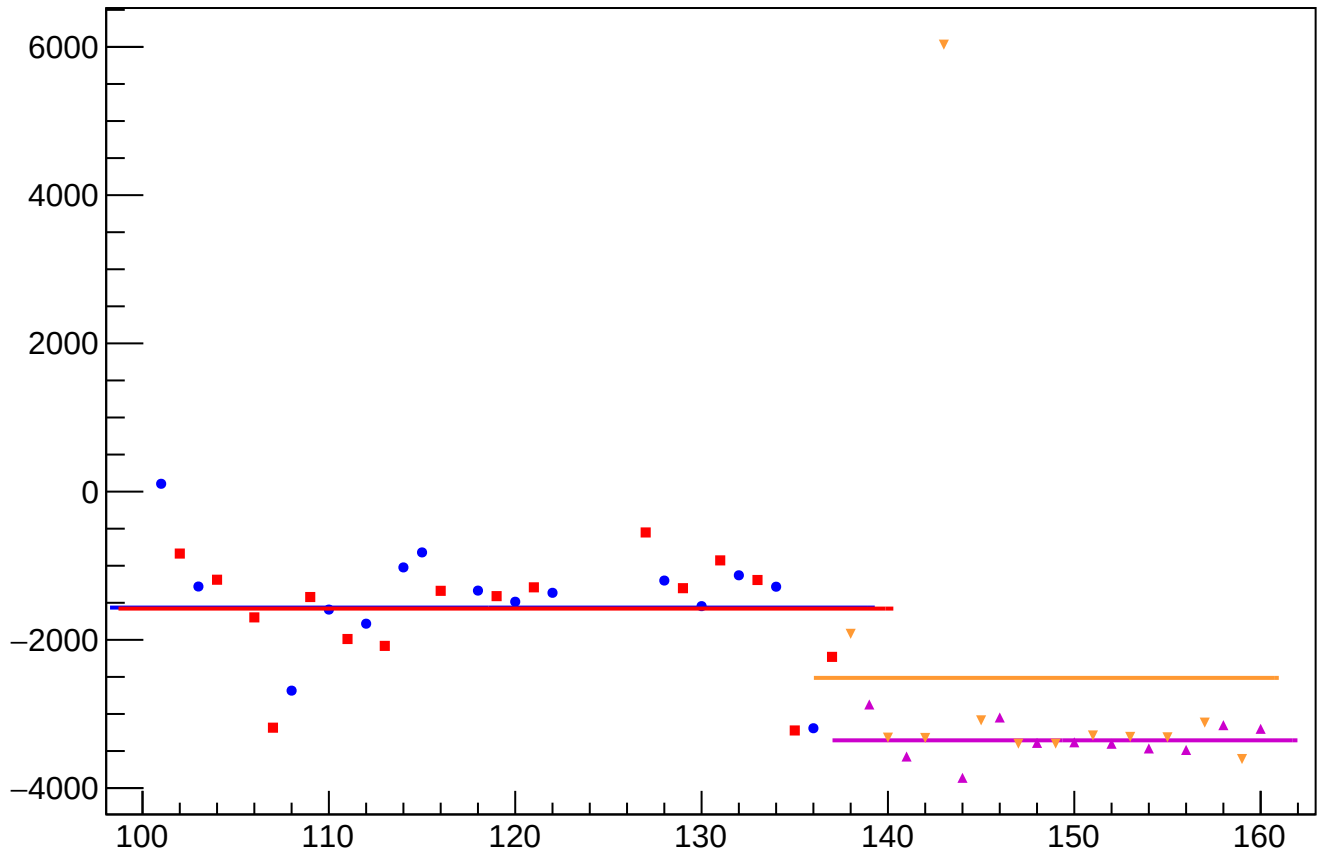
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

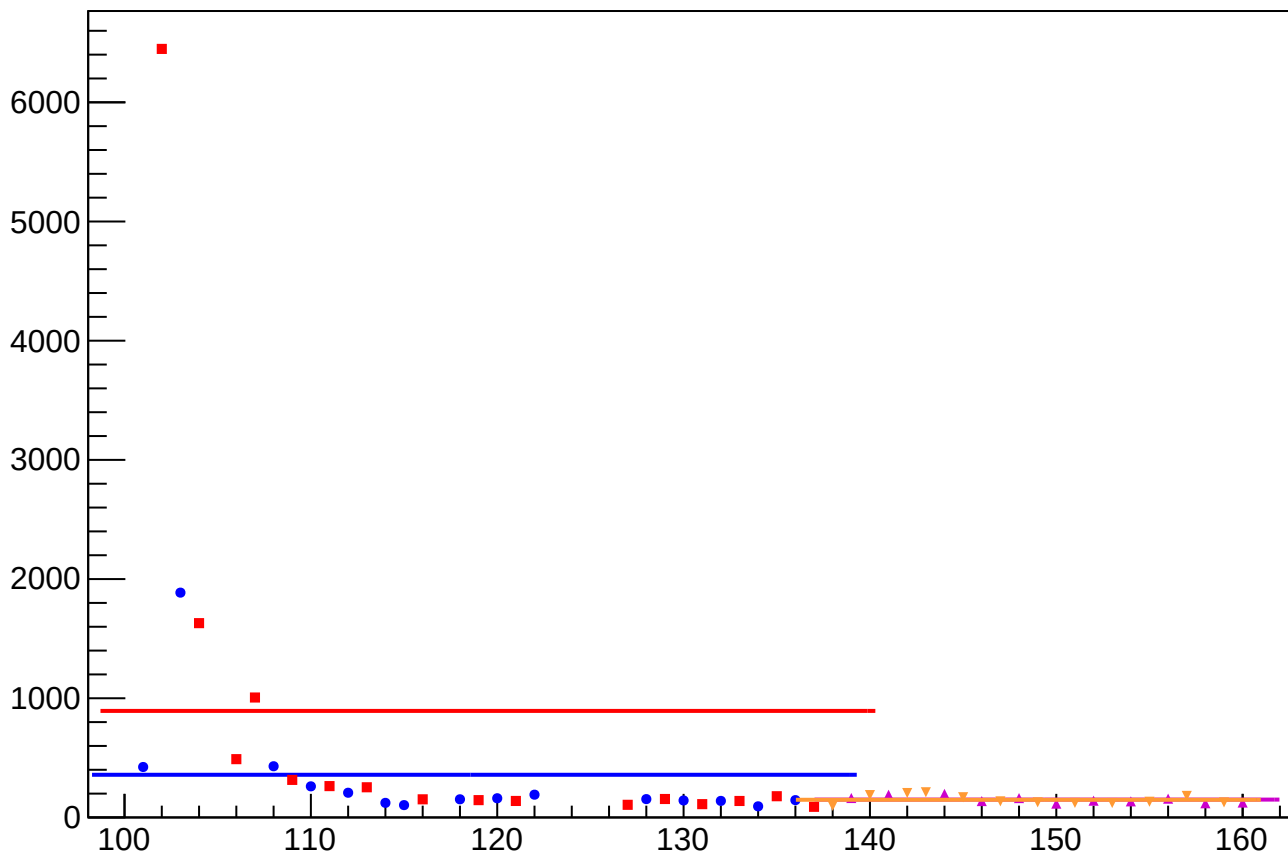
dit_atl1_coil3_mean vs Slug



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

+ sign -2119.303+/-0.000 χ^2/NDF : 6256498974115
 All: -2367.087+/-0.000 χ^2/NDF : 8100740550
 - sign -2610.511+/-0.000 χ^2/NDF : 1654003244515

dit_atl1_coil3_err_mean vs Slug



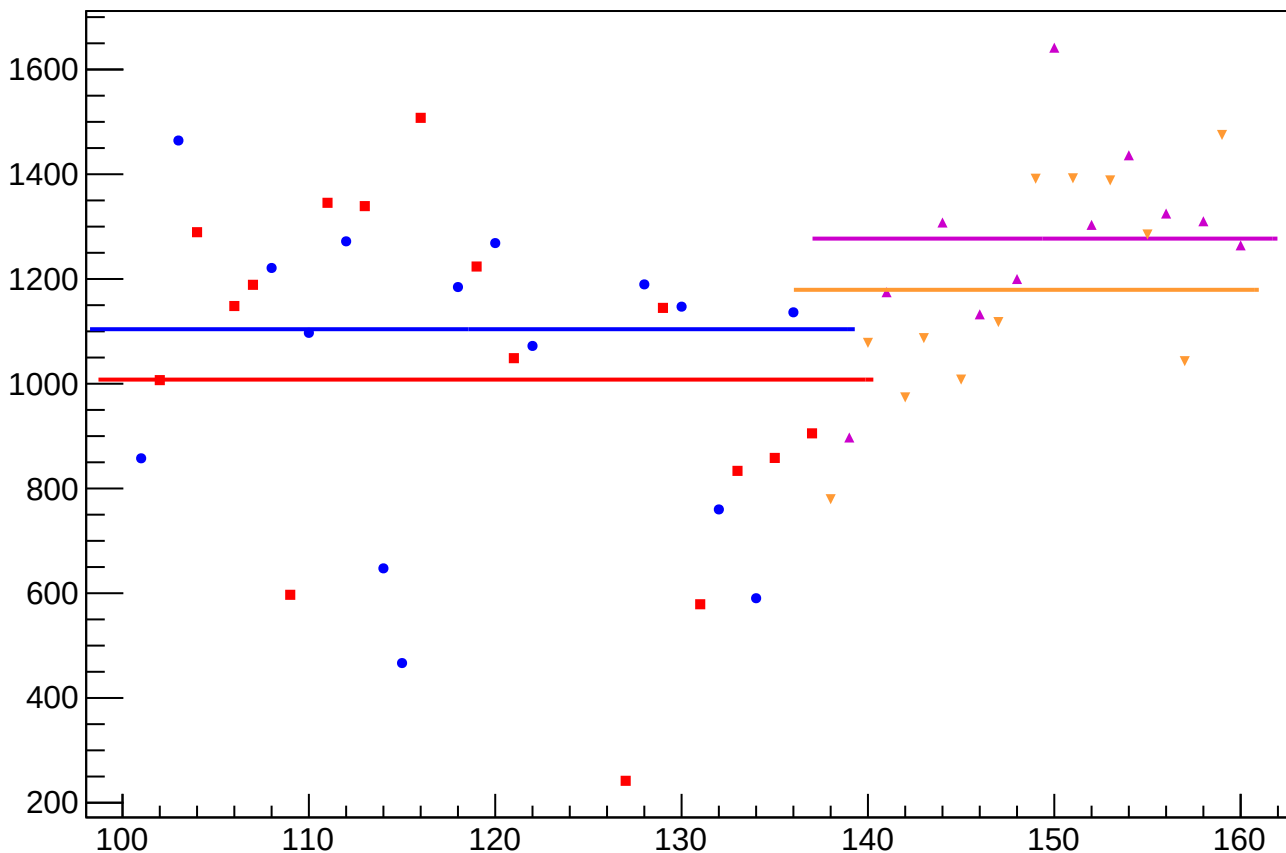
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.359+/-0.000 χ^2/NDF : 1090286331733366082581256970807803904.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

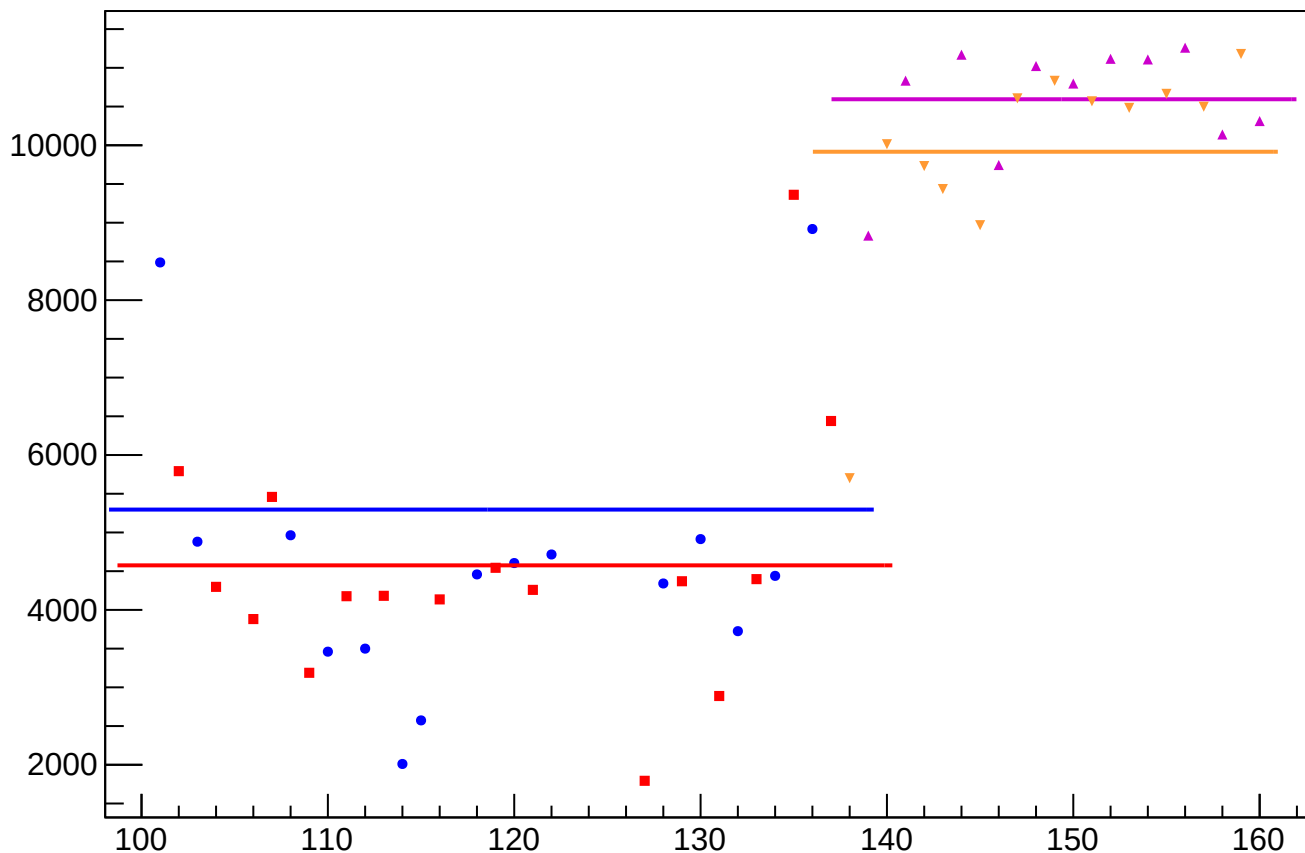
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

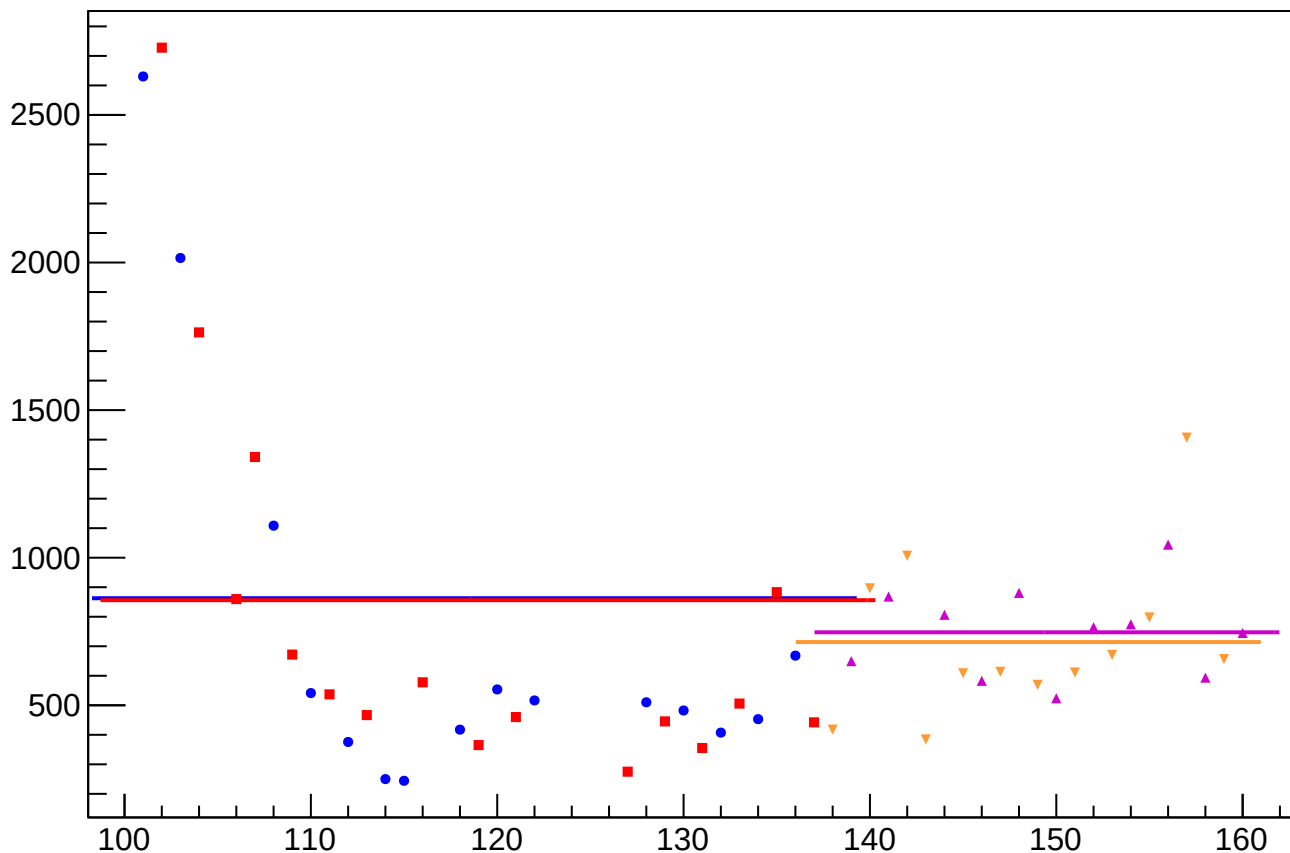
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420 $\pm$ 0.000 χ^2 /NDF: 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095 $\pm$ 0.000 χ^2 /NDF: 469955671378487676963254464485150162944.0/10

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 714.221+/-0.000 χ^2/NDF : 63936823657083124140922251637065515008.0/11

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

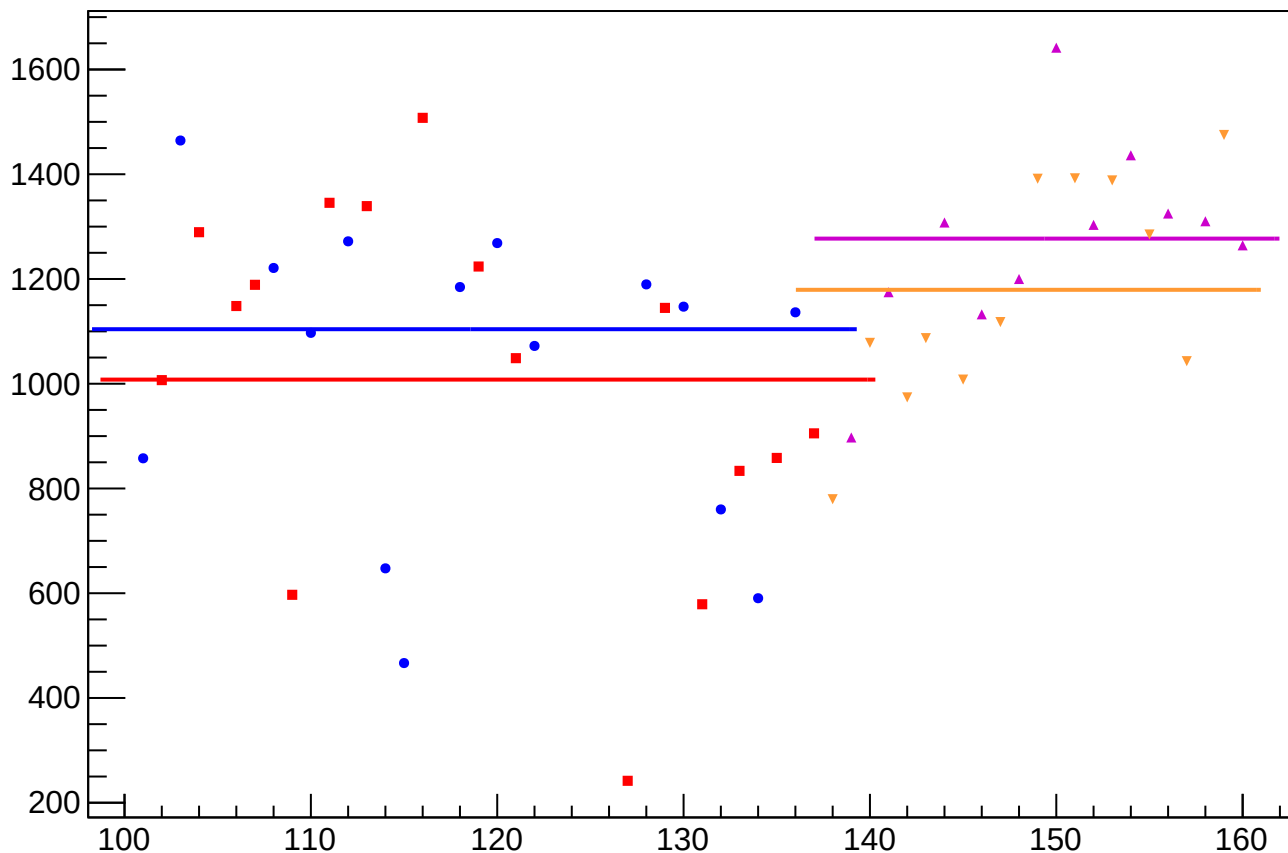
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ sign 775.866+/-0.000 χ^2/NDF : 409985766107580

All: 784.449+/-0.000 χ^2/NDF : 76167219523

- sign 792.881+/-0.000 χ^2/NDF : 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

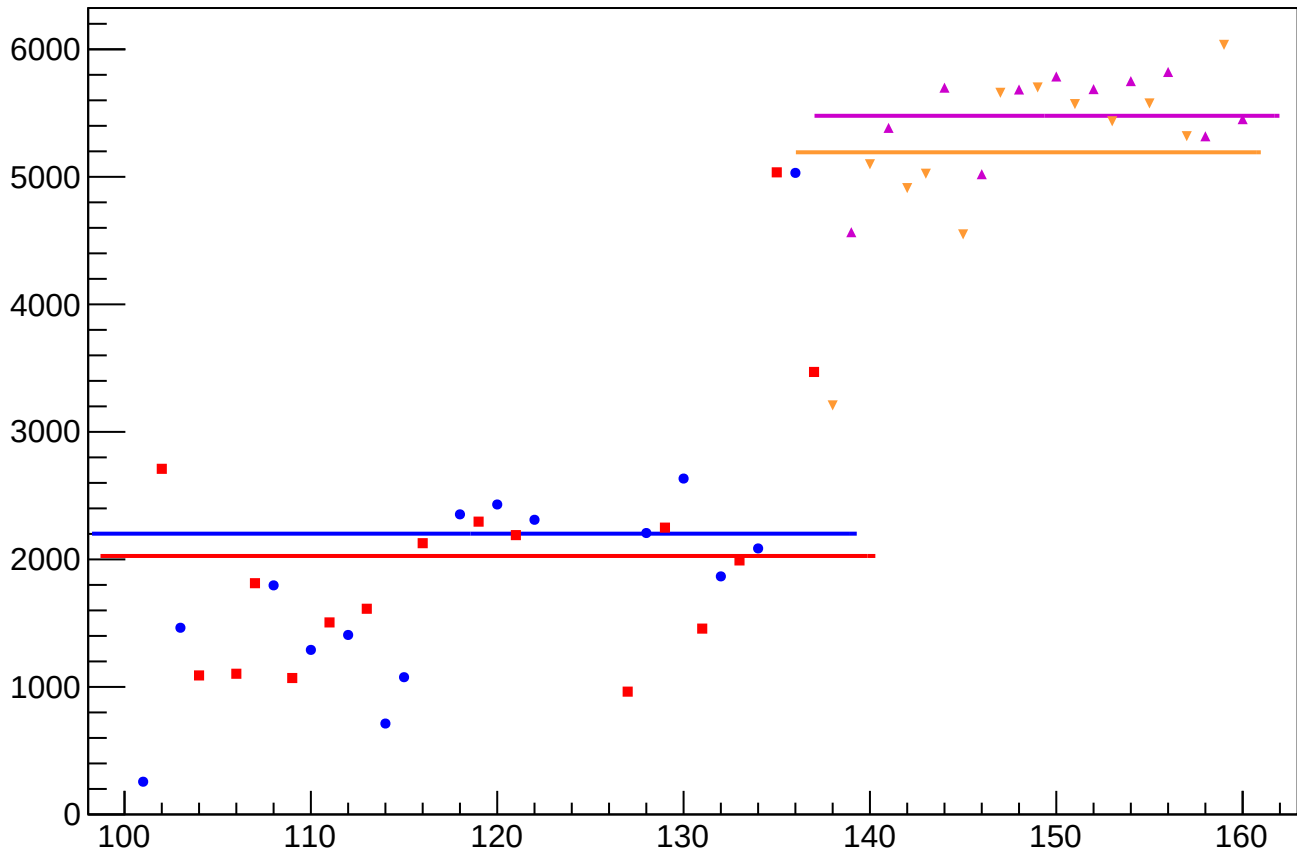
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

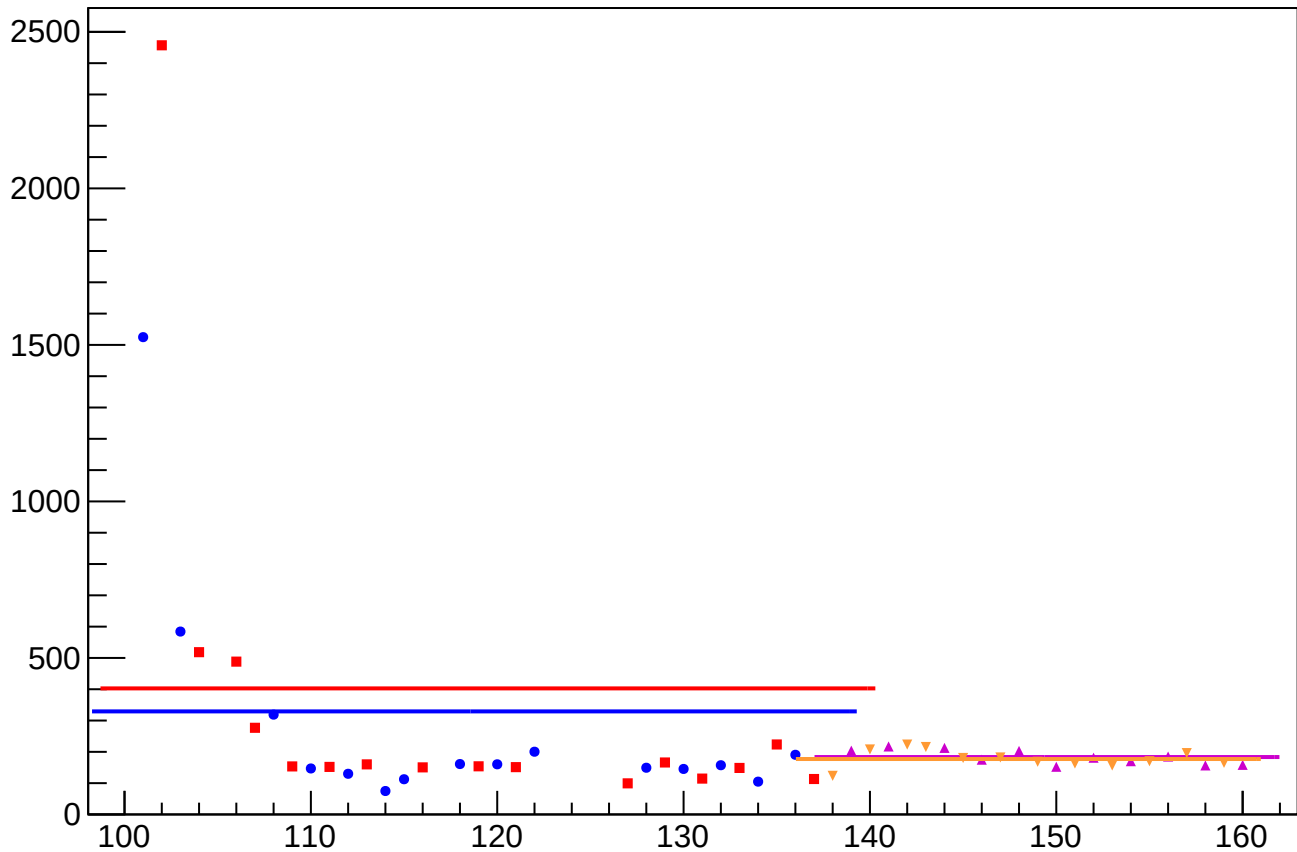
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844 ± 0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5192.476 ± 0.000 χ^2/NDF : 470317118435532937200148346508624789504.0/11
 Right Out: 2026.969 ± 0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5478.713 ± 0.000 χ^2/NDF : 124186054771424011873849346802583601152.0/10

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 177.101+/-0.000 χ^2/NDF : 604256347376555065664943941601984512.0/11

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

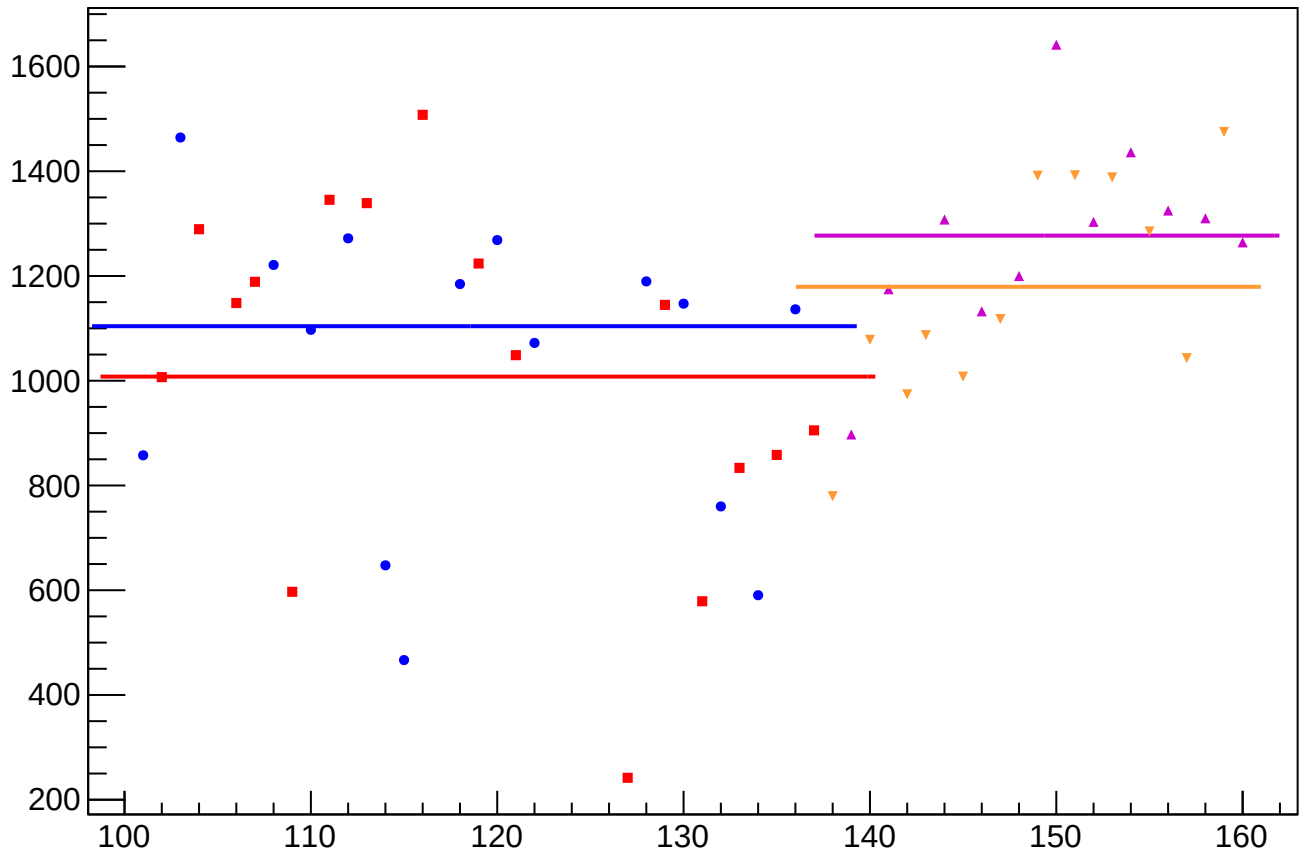
Left In: 183.411+/-0.000 χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF : 112672514913123

All: 257.960+/-0.000 χ^2/NDF : 41035727361

- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

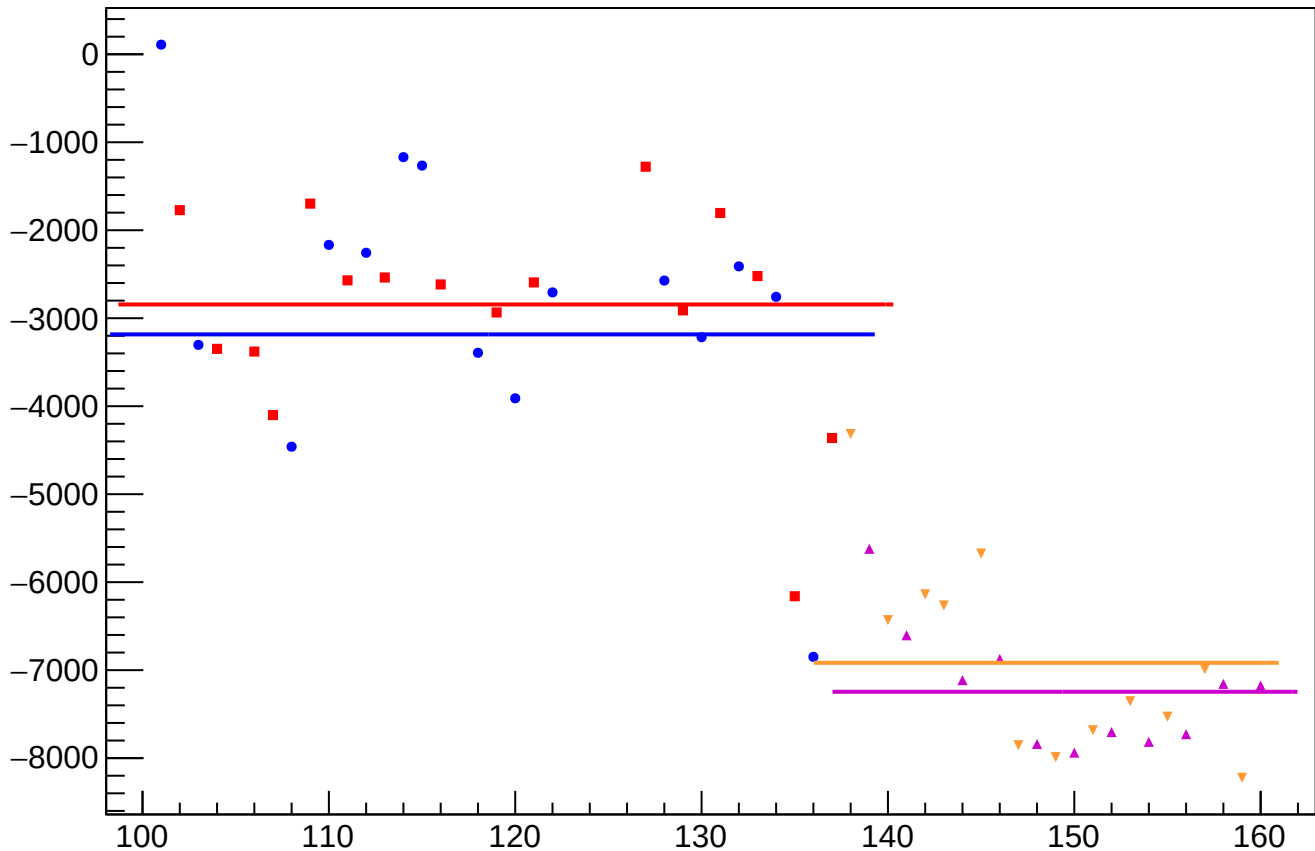
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

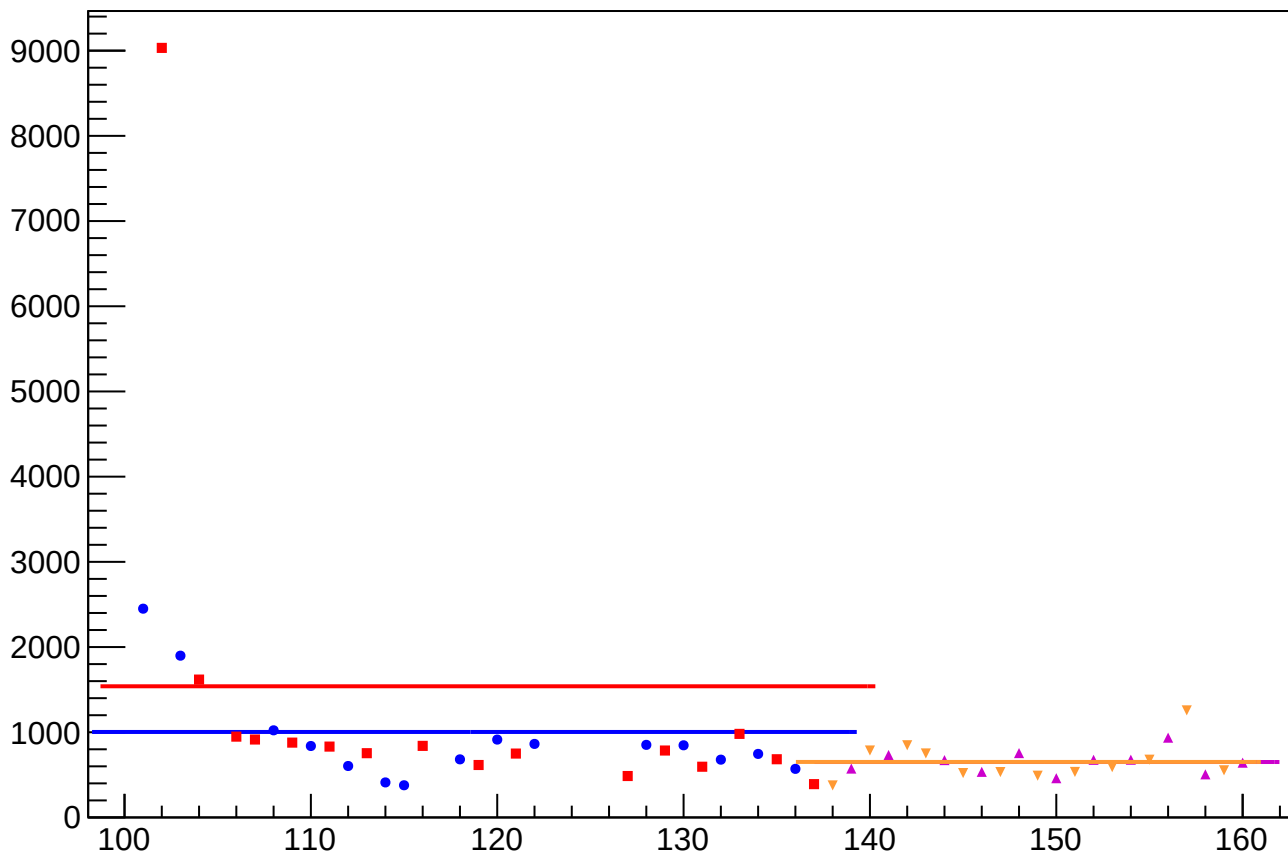
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -6916.269+/-0.000 χ^2/NDF : 1116807093678978049721043579861444067328.0/11
 Right Out: -2843.597+/-0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: -7245.920+/-0.000 χ^2/NDF : 401760462783969098772010925007315140608.0/10

dit_atr2_coil3_err_mean vs Slug



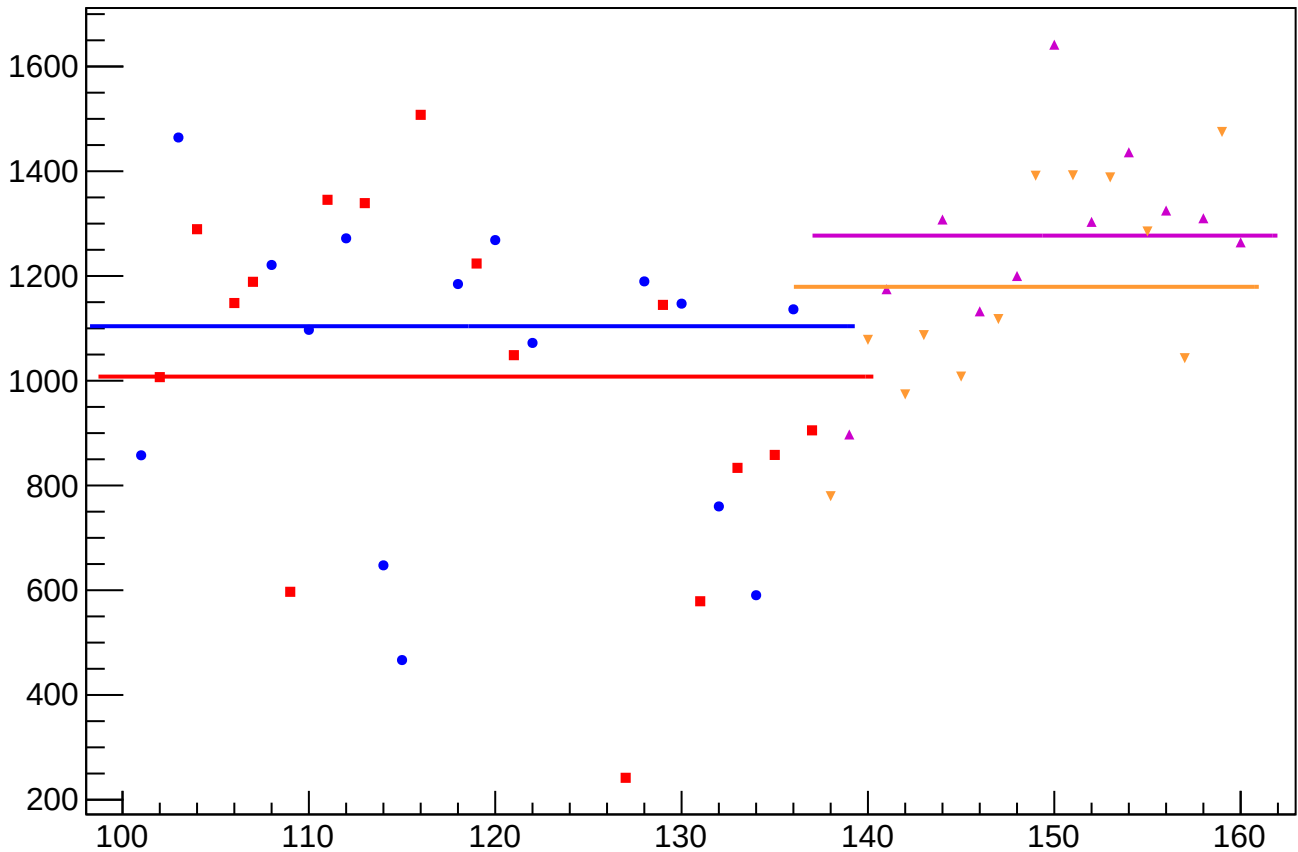
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

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

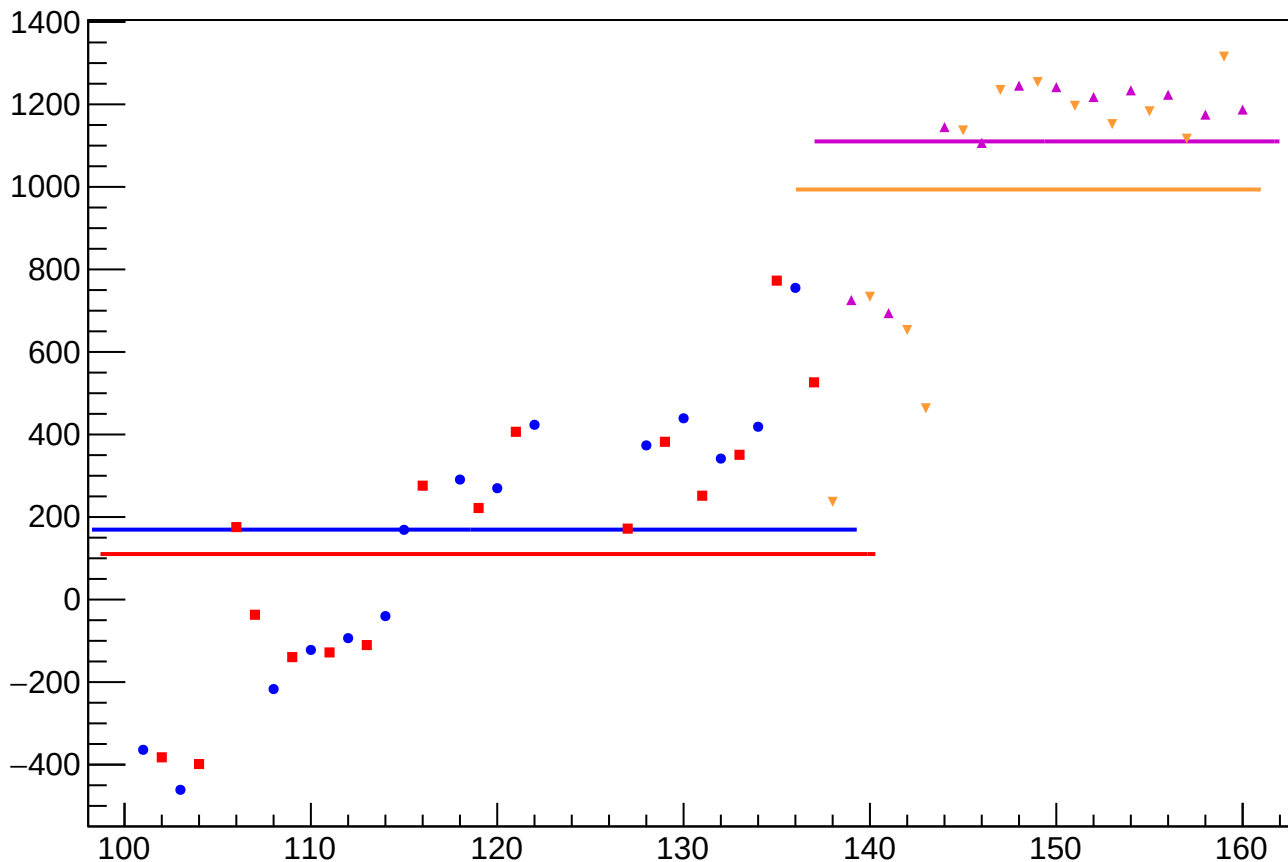
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

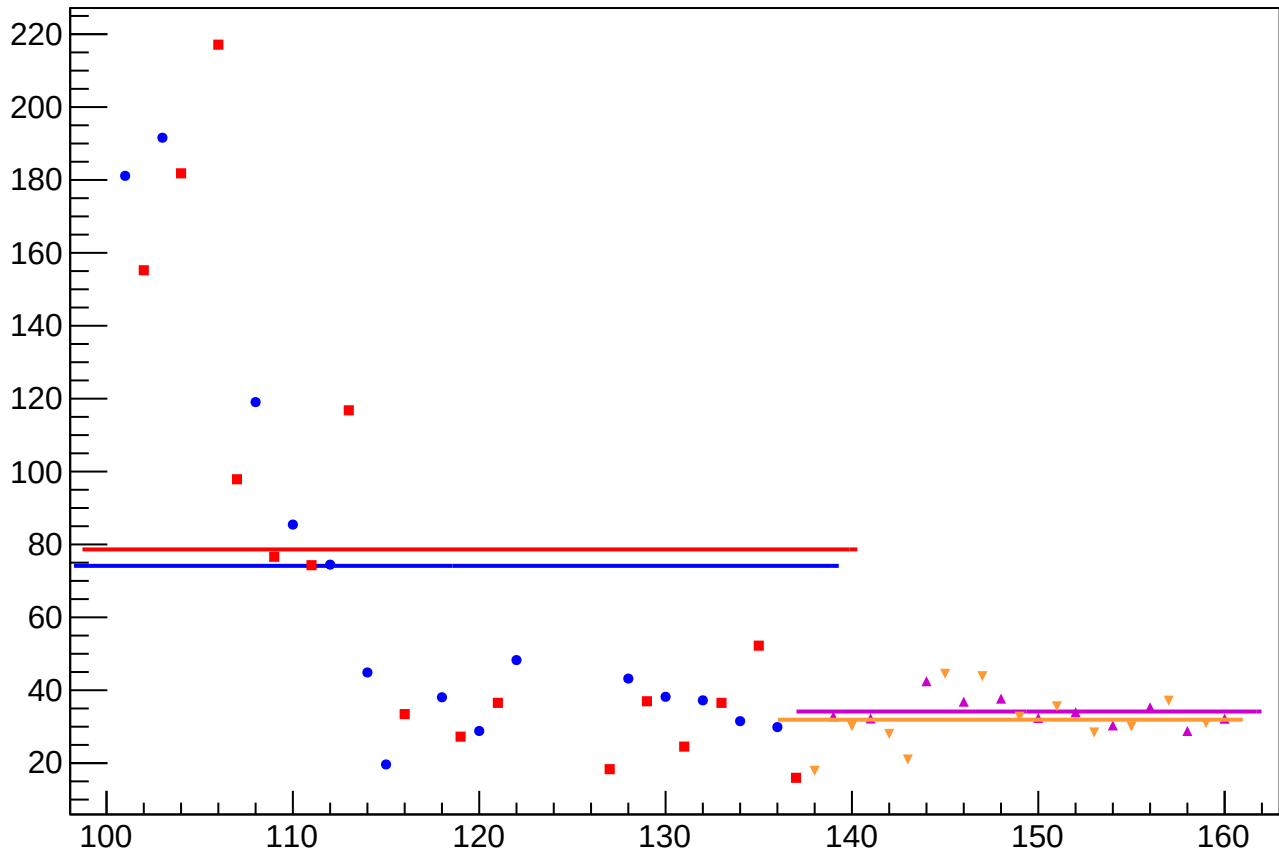
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ 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

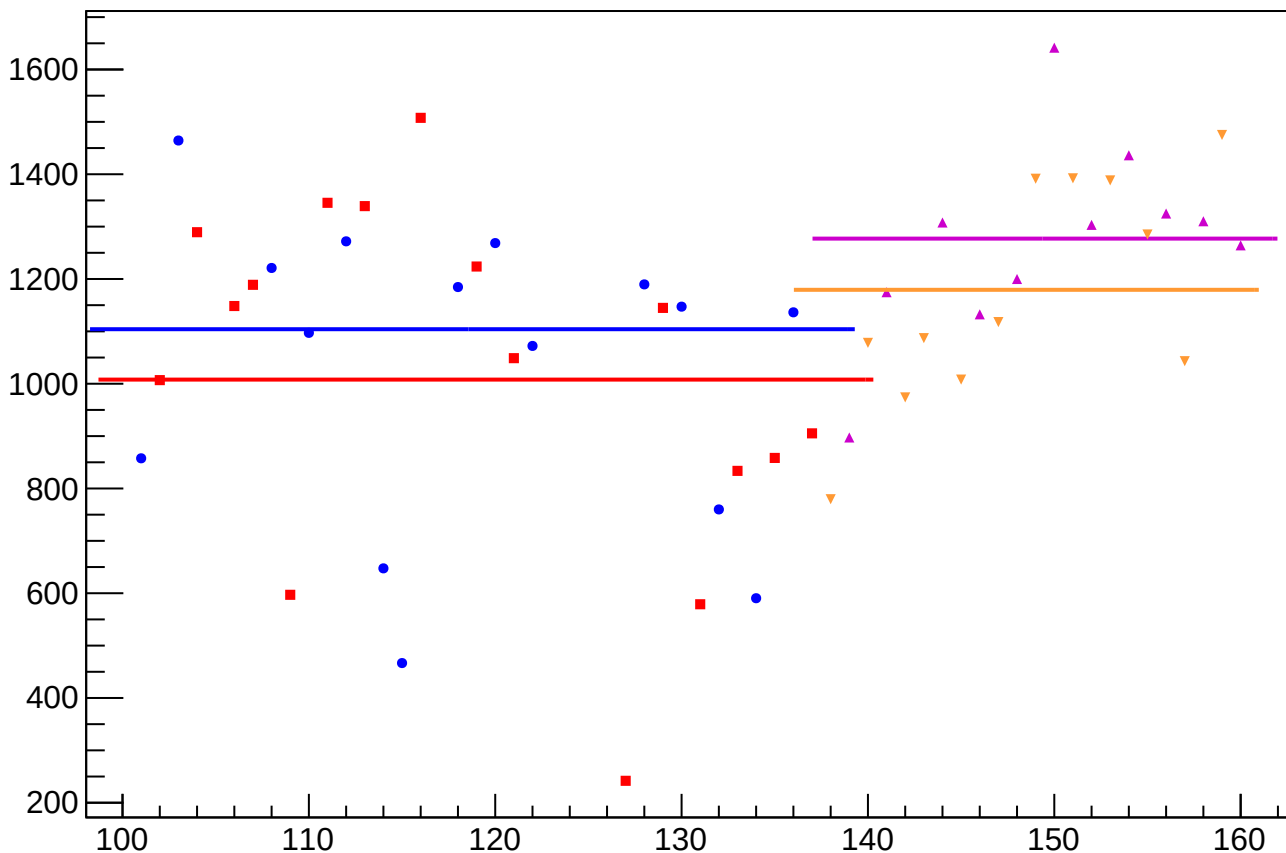
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ 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 $\pm$ 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

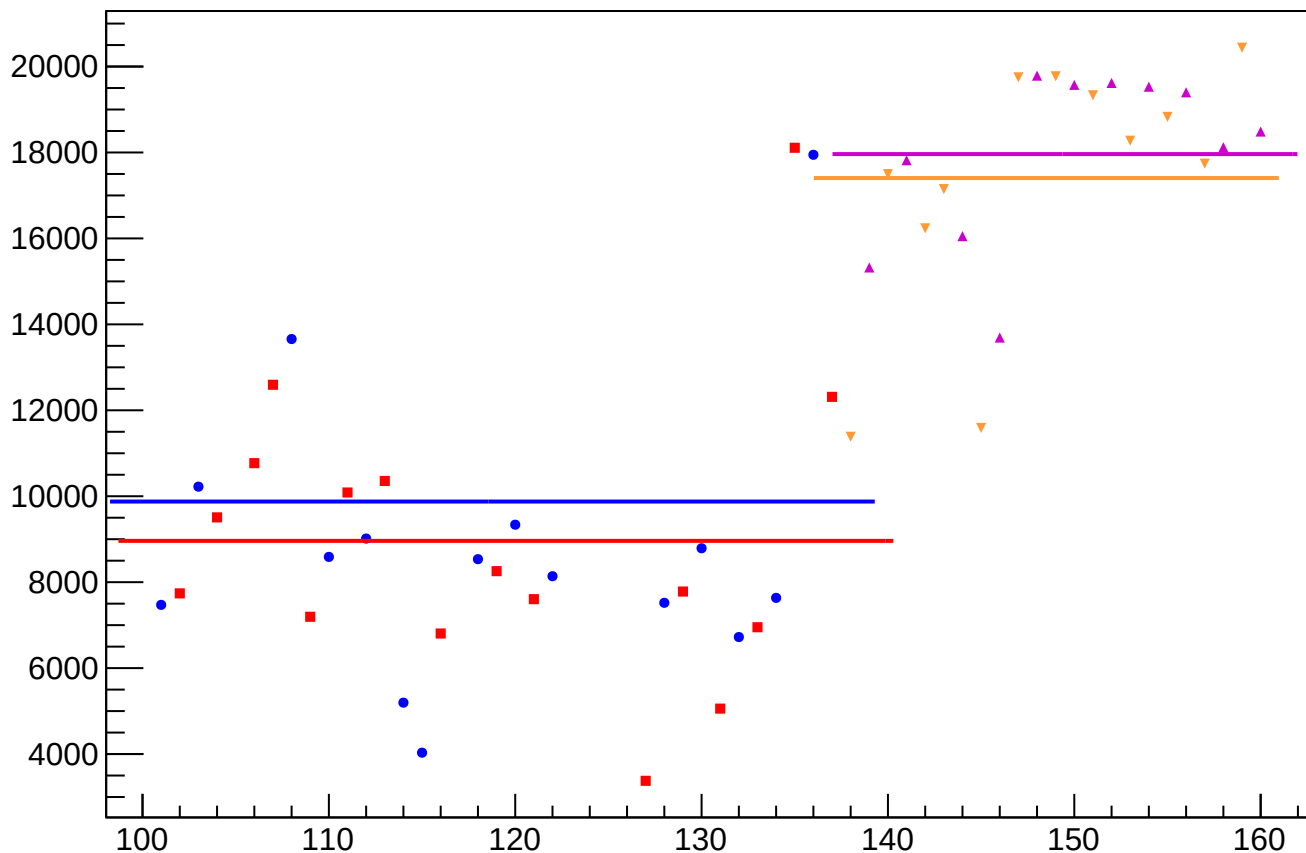
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

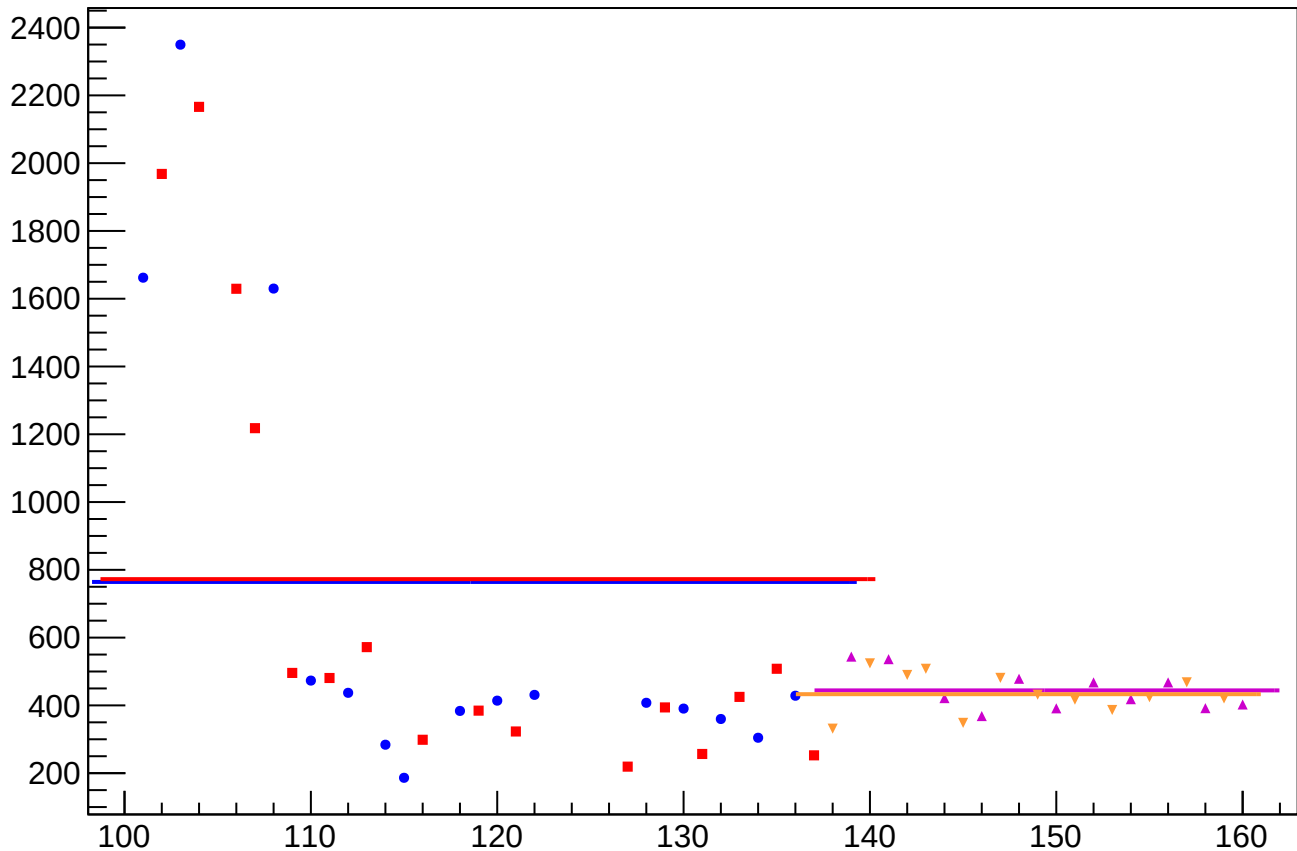
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 17405.049+/-0.000 χ^2/NDF : 7689801671099378791544545422175664865280.0/11
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 17962.529+/-0.000 χ^2/NDF : 3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 433.079+/-0.000 χ^2/NDF : 3070370524438239159273190119476035584.0/11

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

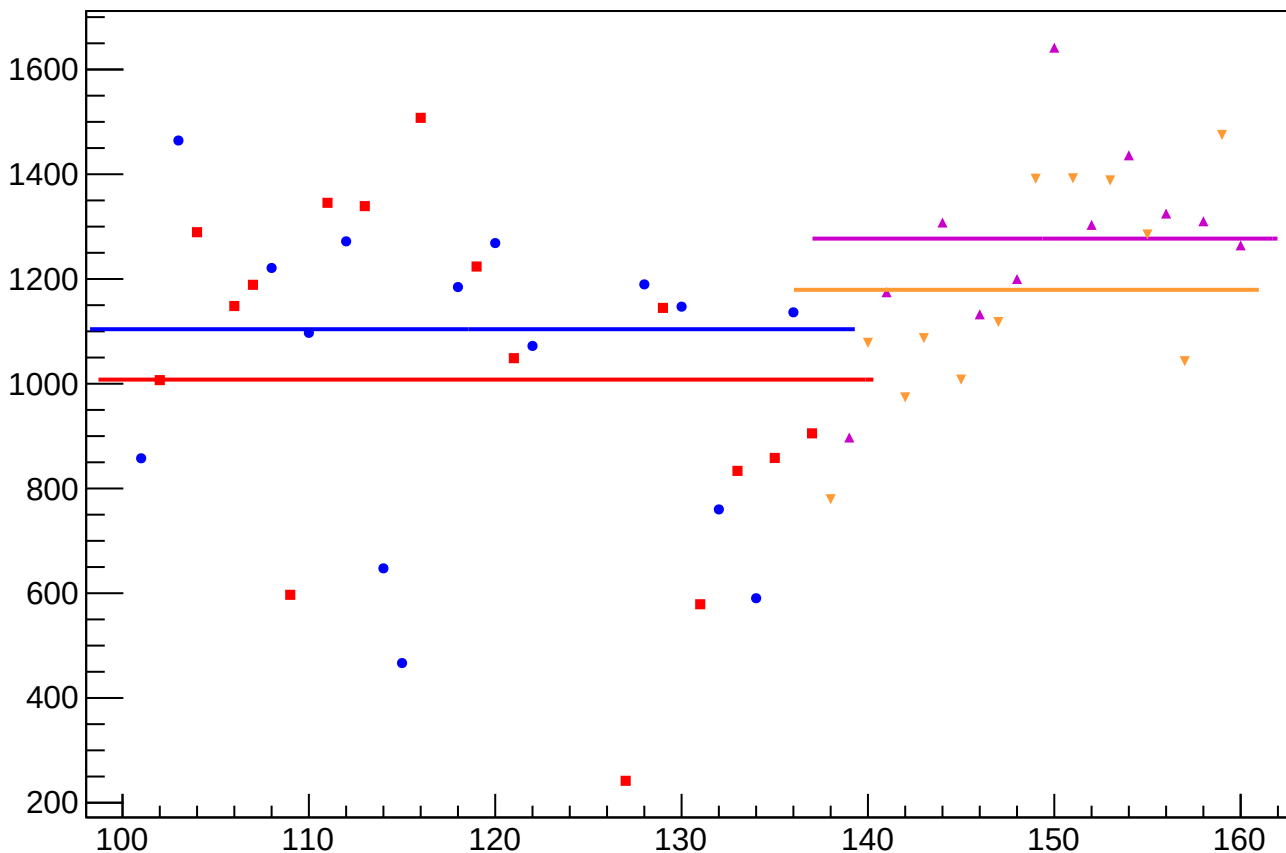
Left In: 444.245+/-0.000 χ^2/NDF : 2906625839452991270105053894151241728.0/10

+ sign 570.604+/-0.000 χ^2/NDF : 335667061264854

All: 576.292+/-0.000 χ^2/NDF : 666328037619

- sign 581.880+/-0.000 χ^2/NDF : 330560730510906

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

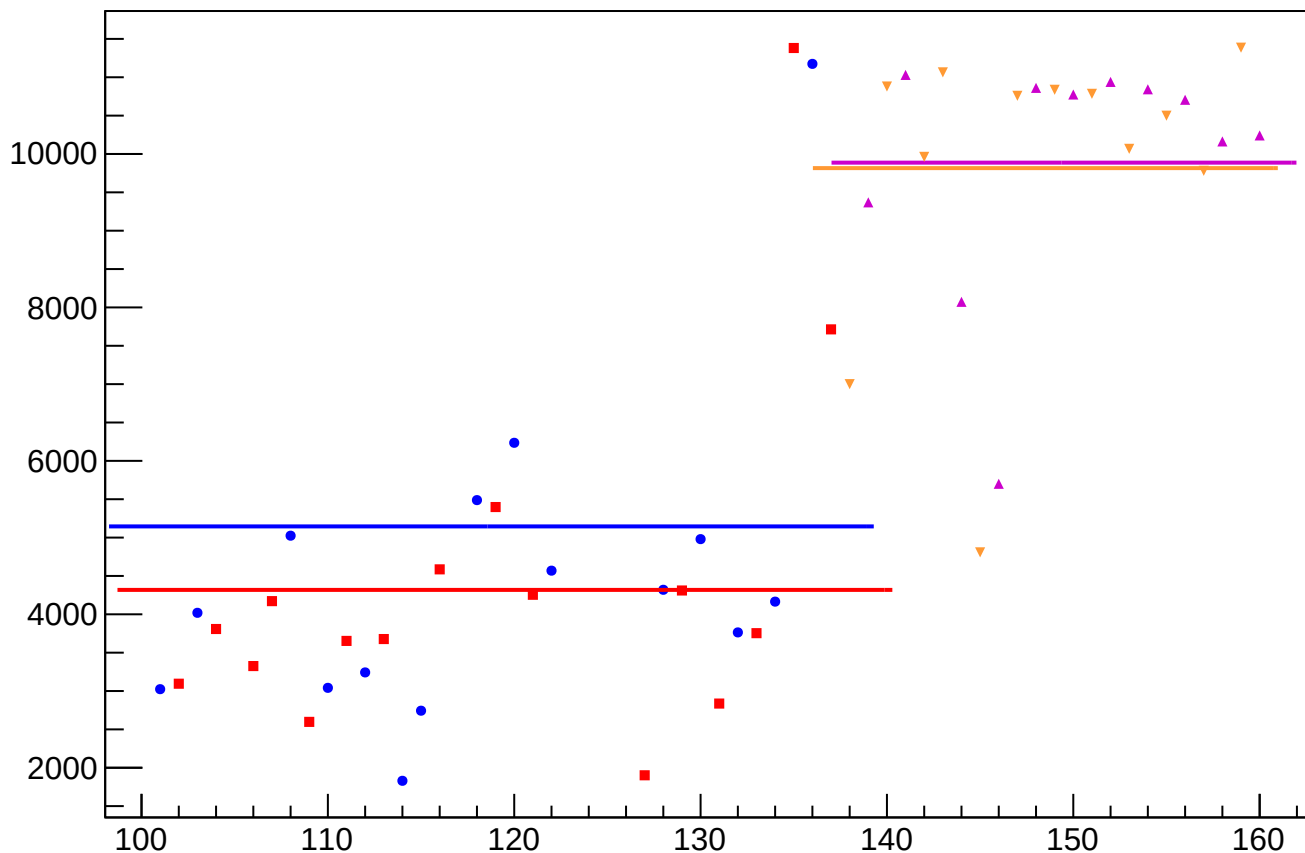
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

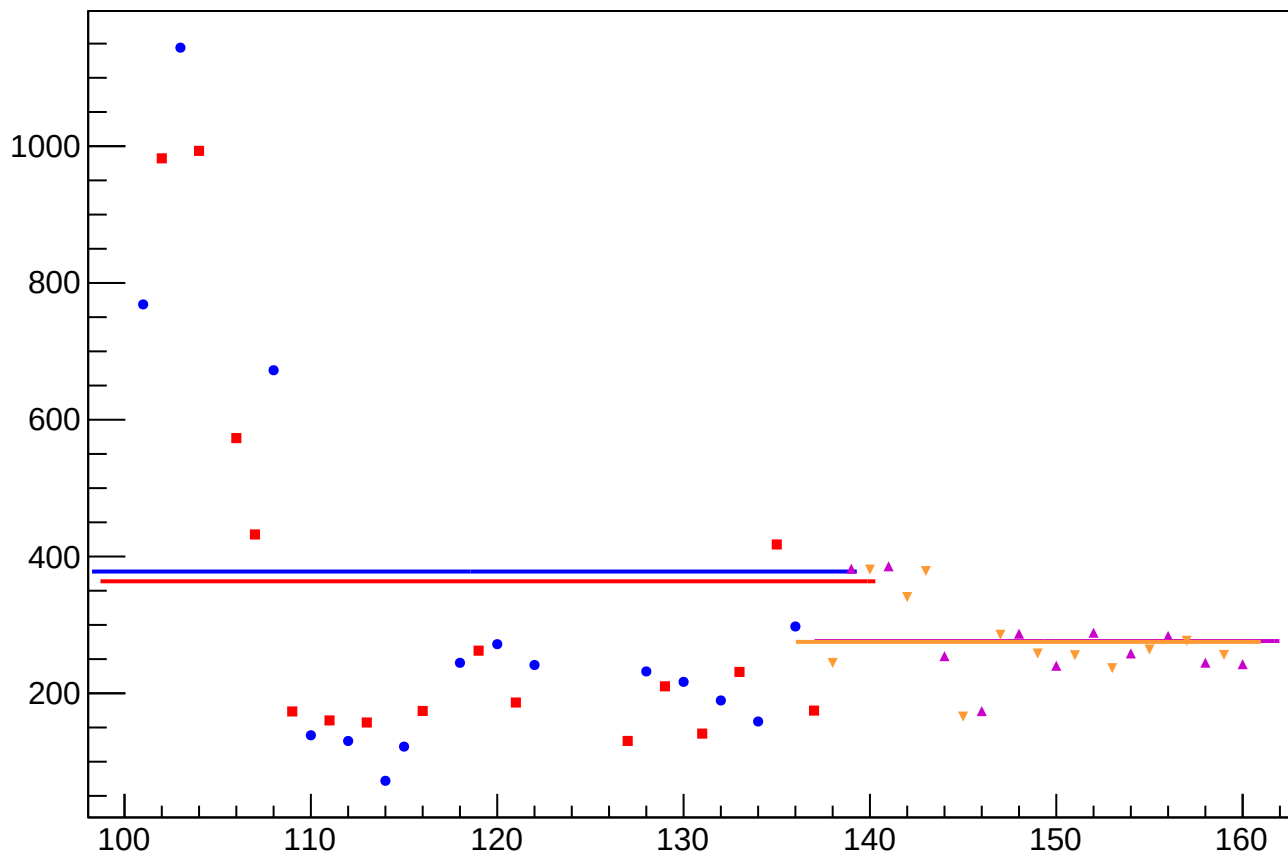
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9815.736+/-0.000 χ^2/NDF : 3242126212507286714618316704208262266880.0/11
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 9887.069+/-0.000 χ^2/NDF : 2278516780225824082632420288802127347712.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 275.181+/-0.000 χ^2/NDF : 3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

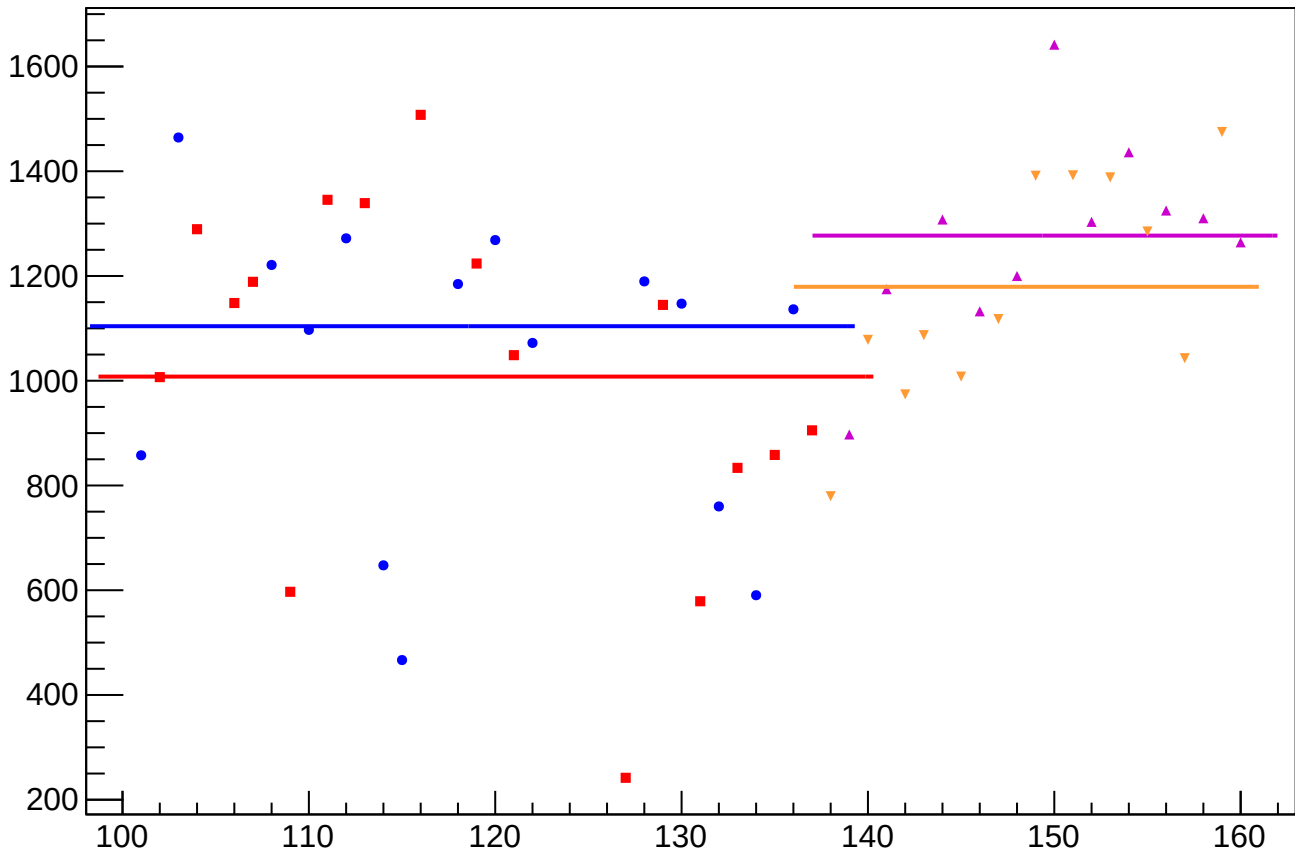
Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

+ sign 317.896+/-0.000 χ^2/NDF : 685967694208858

All: 315.450+/-0.000 χ^2/NDF : 133778300115

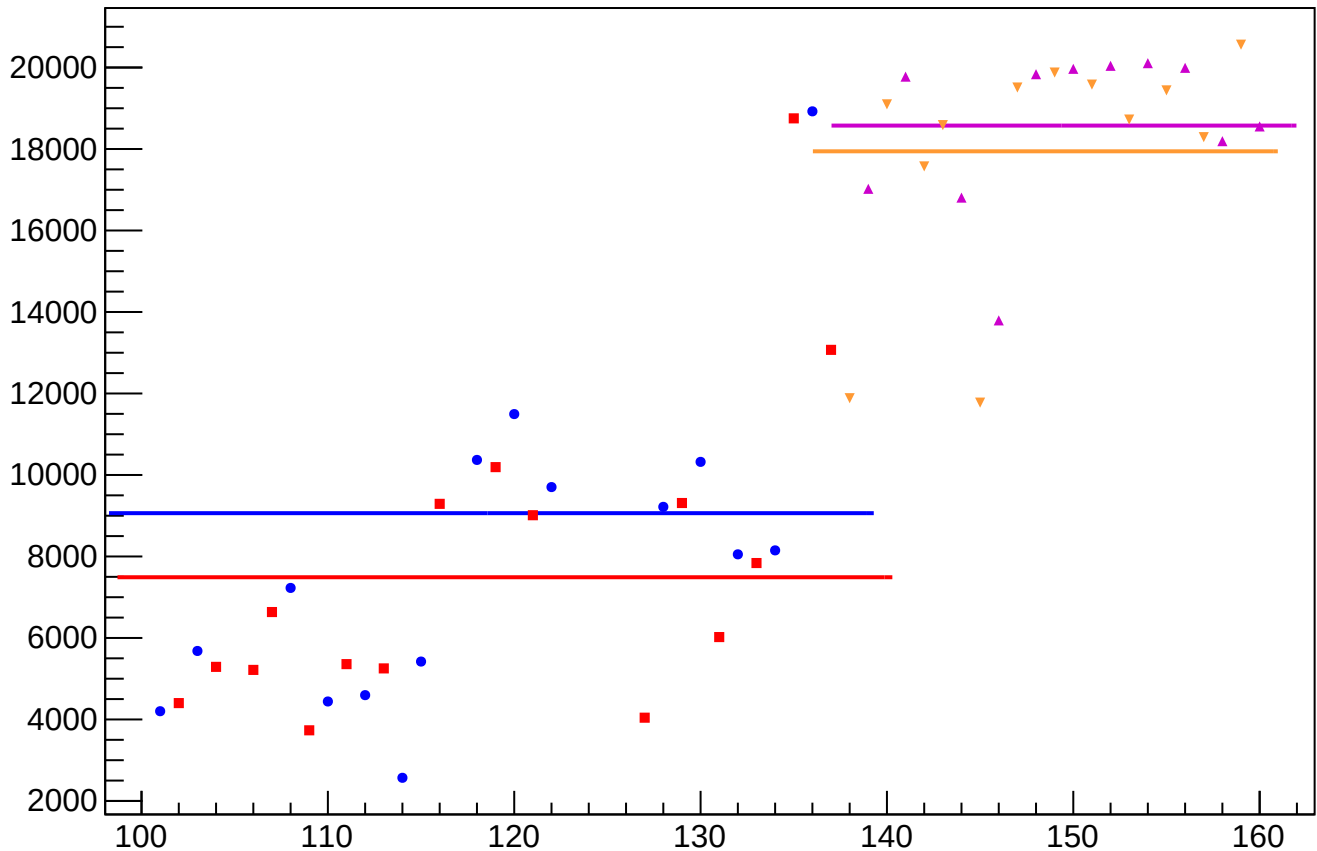
- sign 313.047+/-0.000 χ^2/NDF : 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug



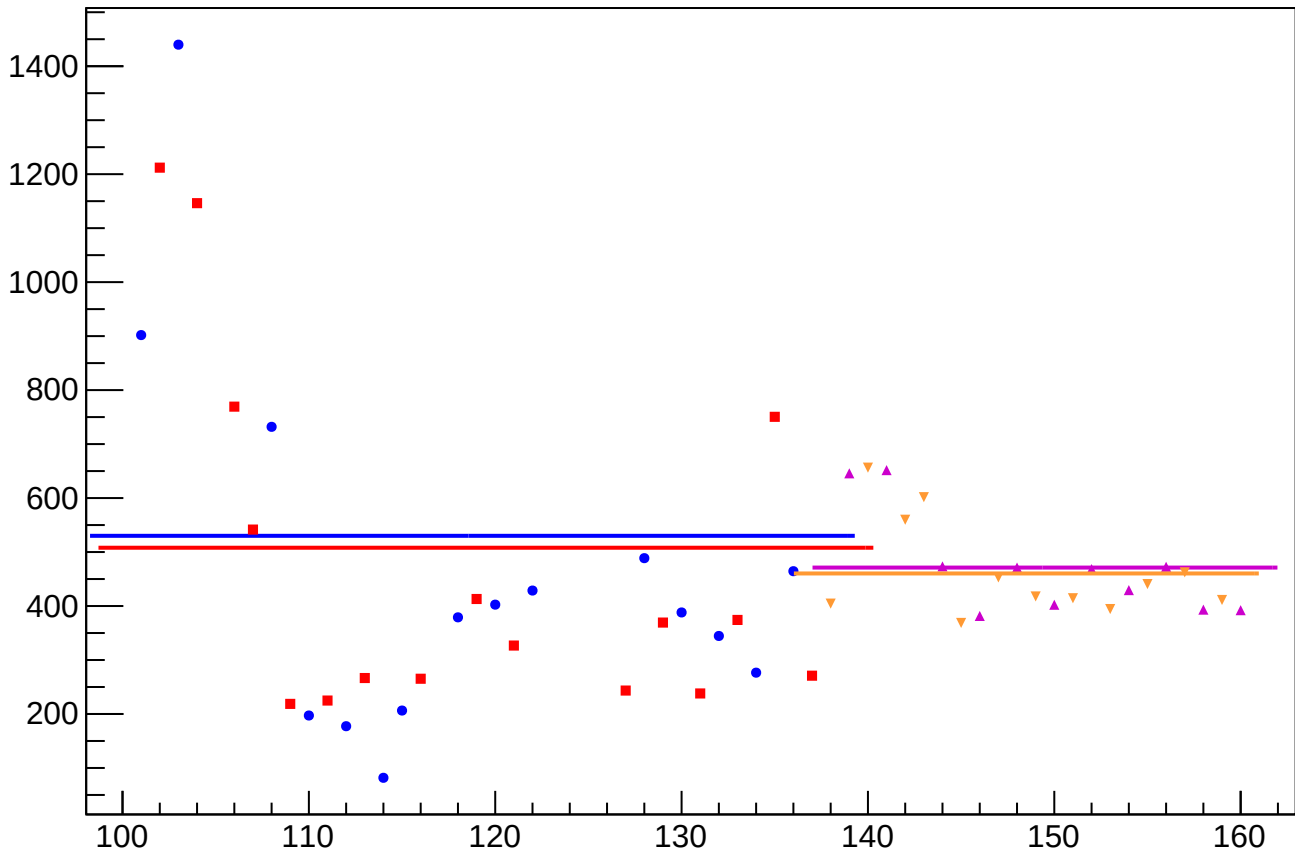
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

dit_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



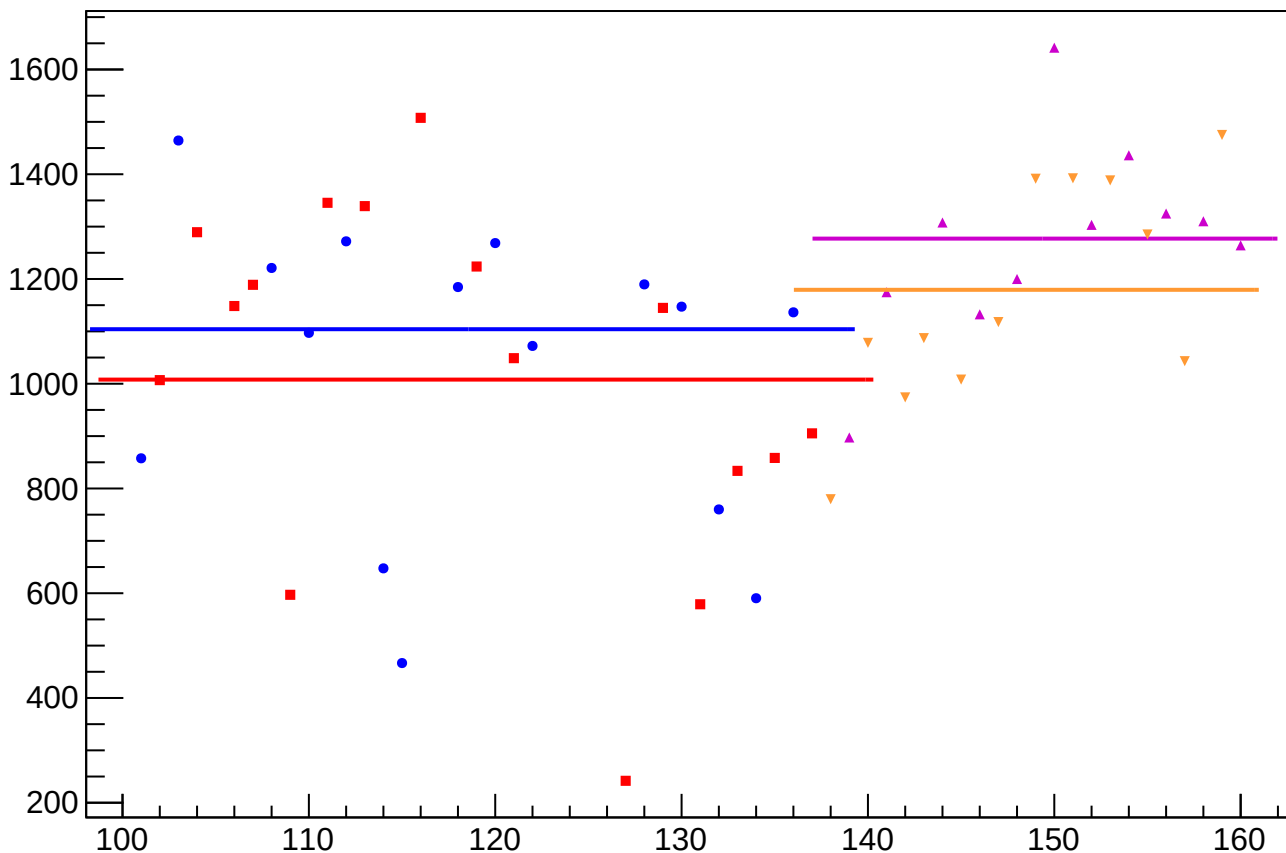
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14

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

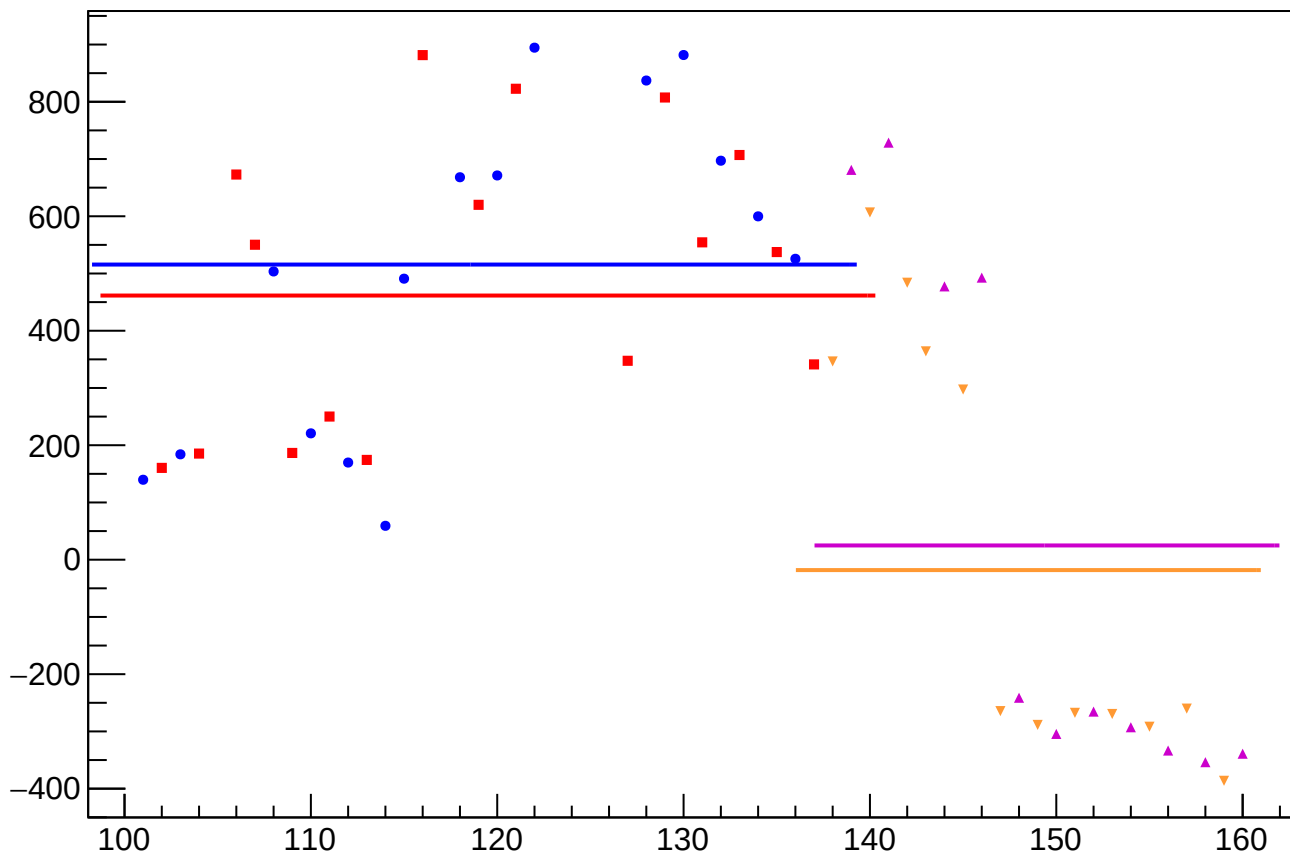
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

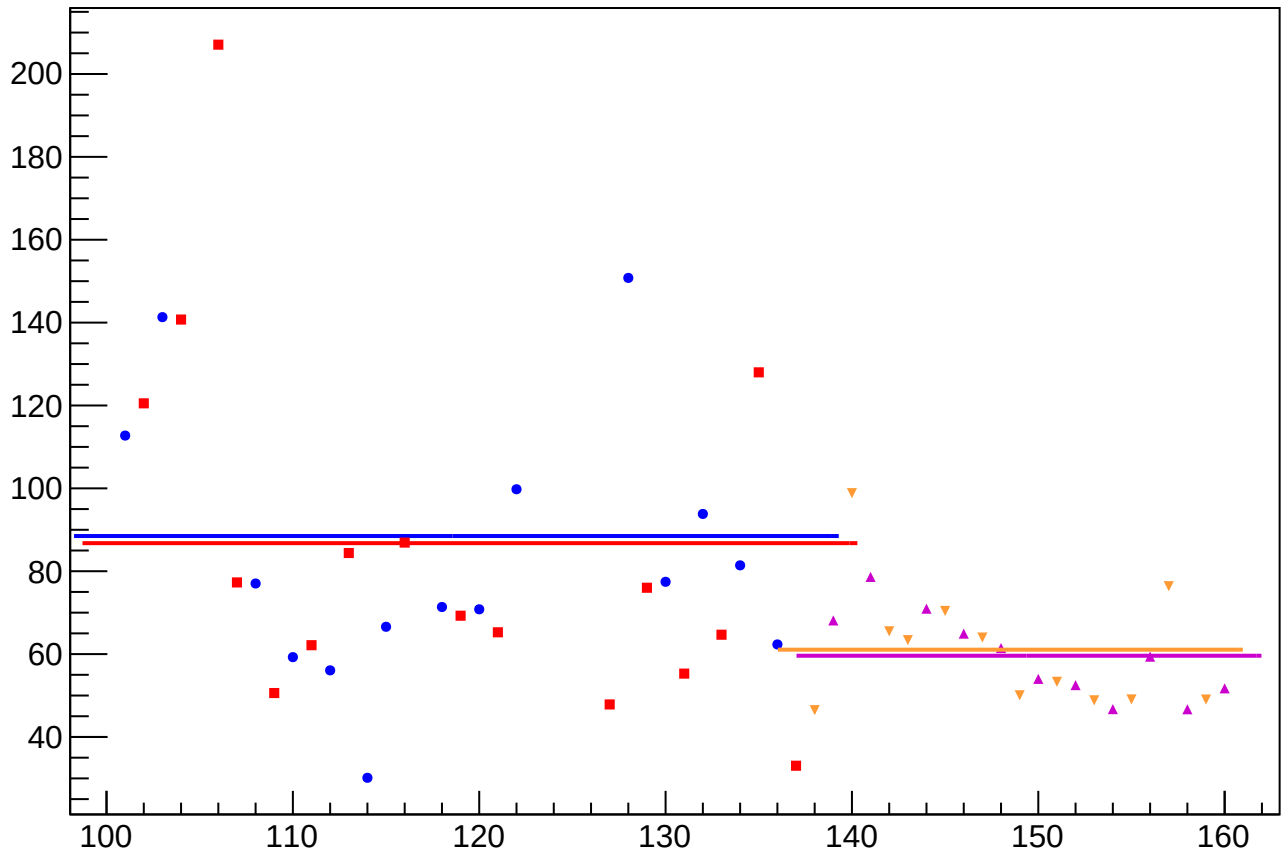
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

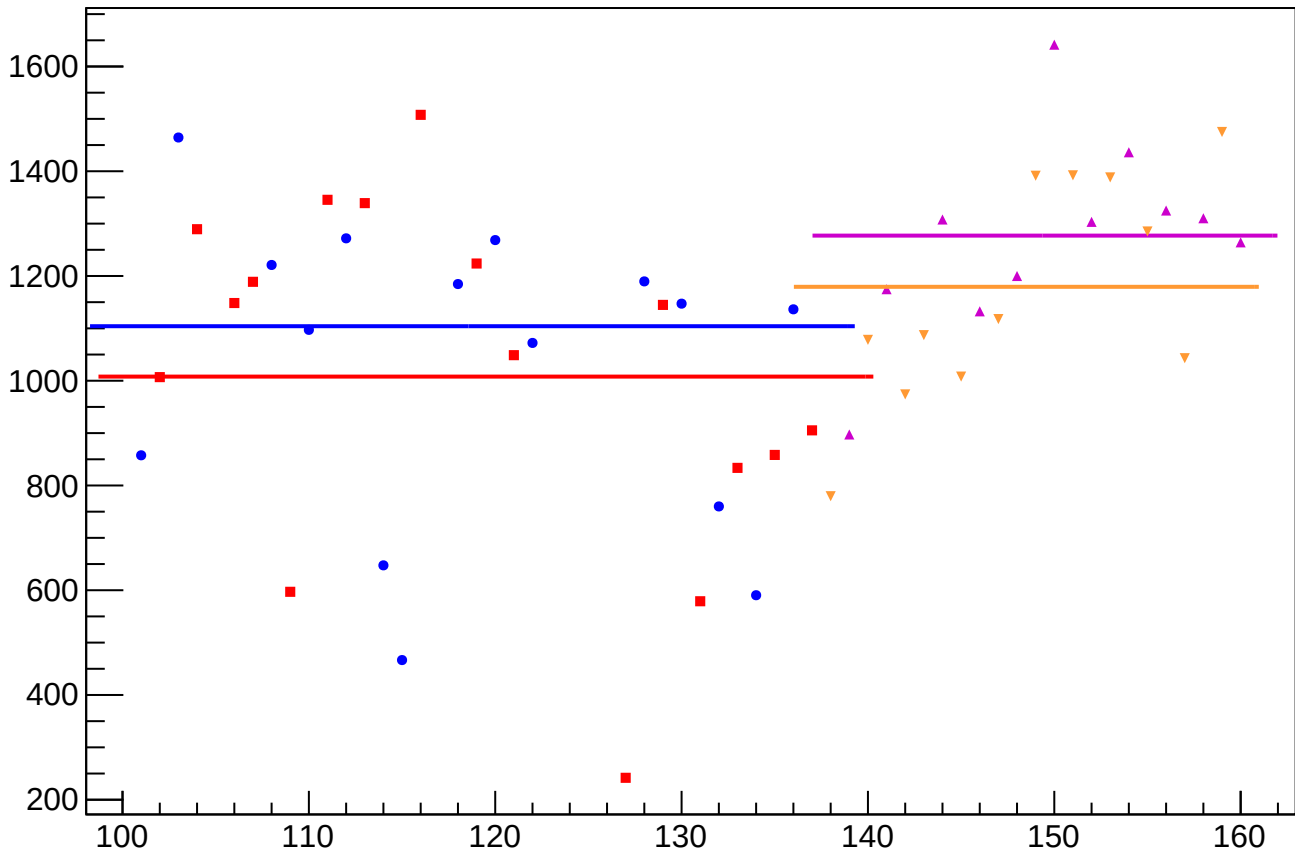
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000	χ^2/NDF : 643231155193035512625817963208900608.0/14	+ sign 72.455+/-0.000	χ^2/NDF : 1140205339739572
Left Out: 61.067+/-0.000	χ^2/NDF : 211507080213048507647331077961285632.0/11	All: 71.718+/-0.000	χ^2/NDF : 2577899671839
Right Out: 86.773+/-0.000	χ^2/NDF : 1059206766314086021240525003228708864.0/15	- sign 70.994+/-0.000	χ^2/NDF : 1436012461961461
Left In: 59.604+/-0.000	χ^2/NDF : 90862625181985664375323463168032768.0/10		

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

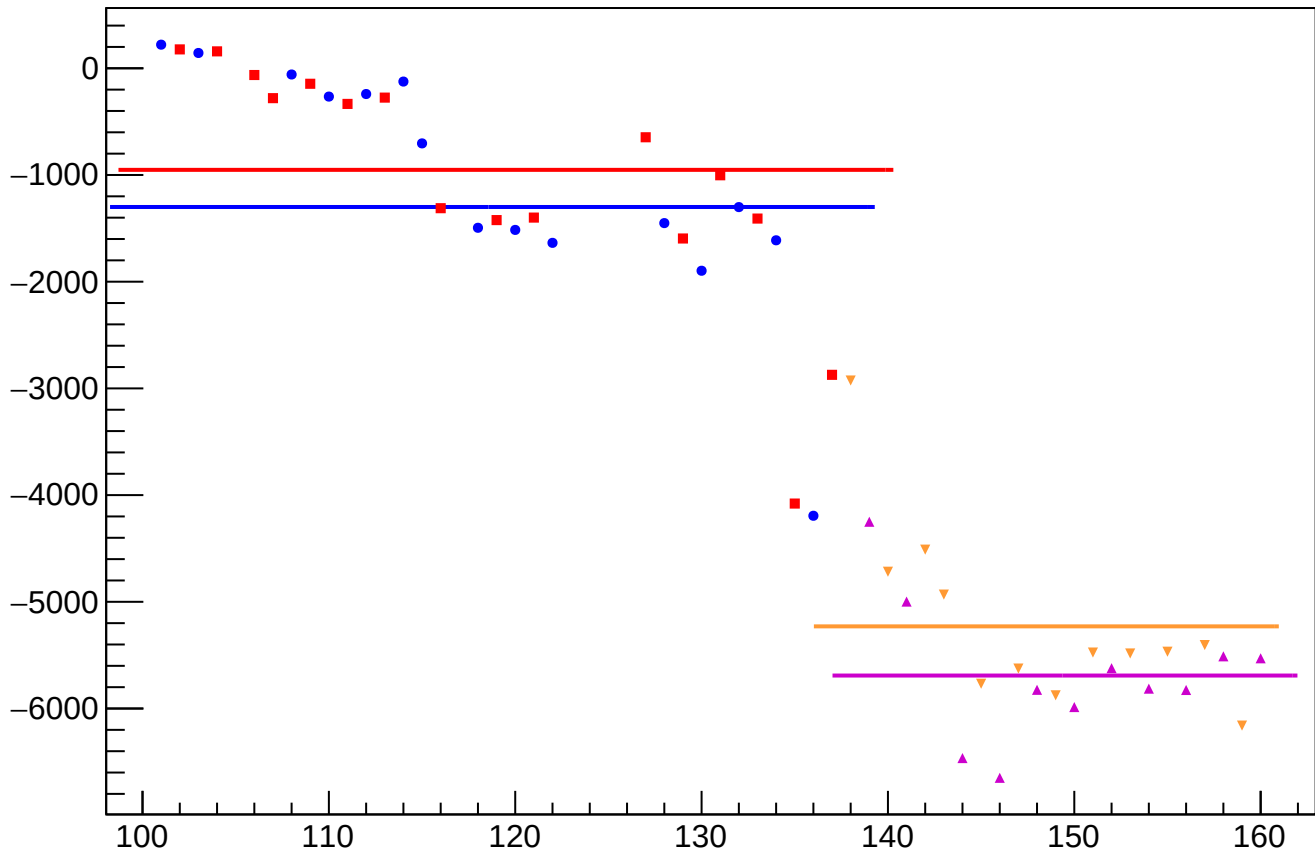
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

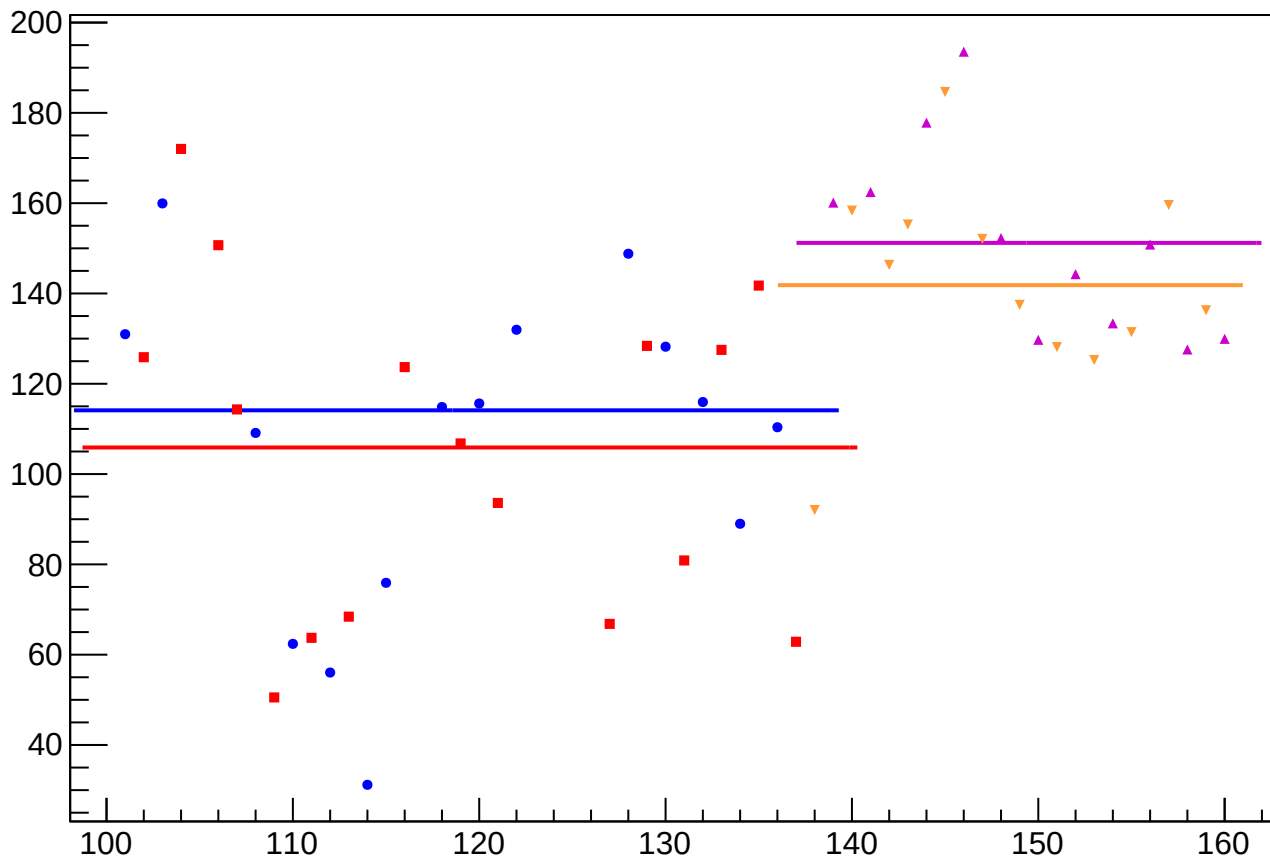
dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5230.164+/-0.000	χ^2/NDF : 621337546754048275745011650527081005056.0/11
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5690.941+/-0.000	χ^2/NDF : 355774620722948866968040460749891436544.0/10

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426
 All: -3651.666+/-0.000 χ^2/NDF : 1758908860
 - sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

dit_sam6_coil3_err_mean vs Slug



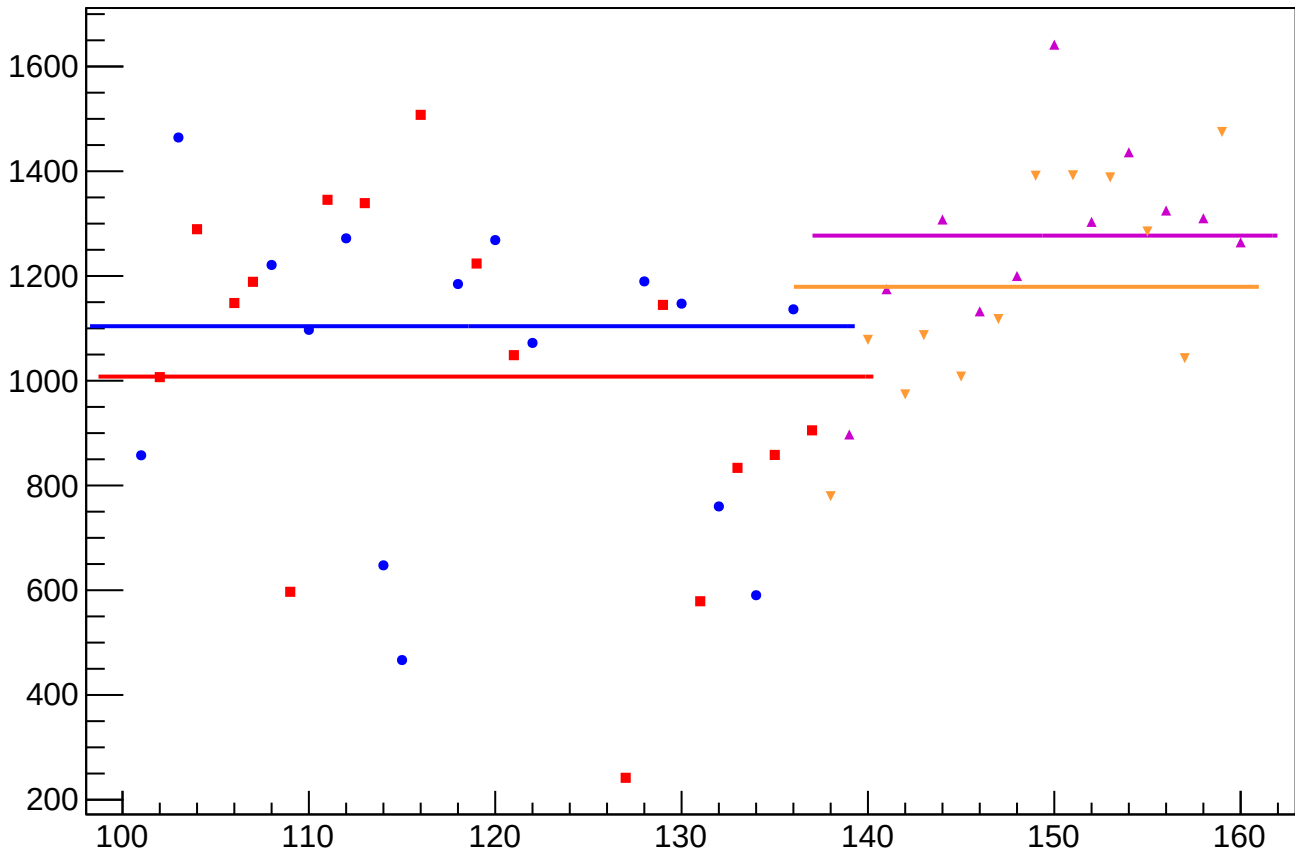
Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 141.844+/-0.000 χ^2/NDF : 455273254245846333149237795723673600.0/11

Right Out: 105.890+/-0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

Left In: 151.203+/-0.000 χ^2/NDF : 382227652604999337577431549784096768.0/10

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

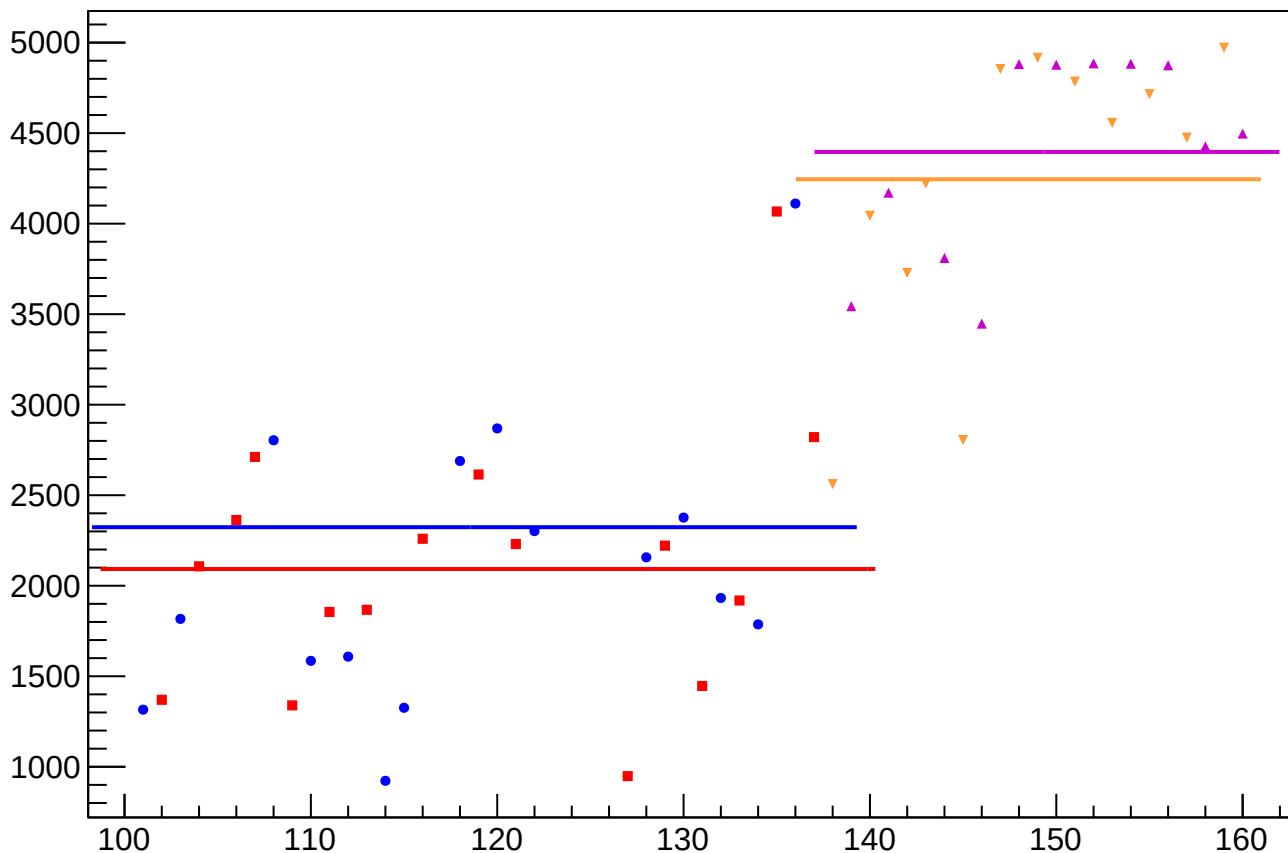
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

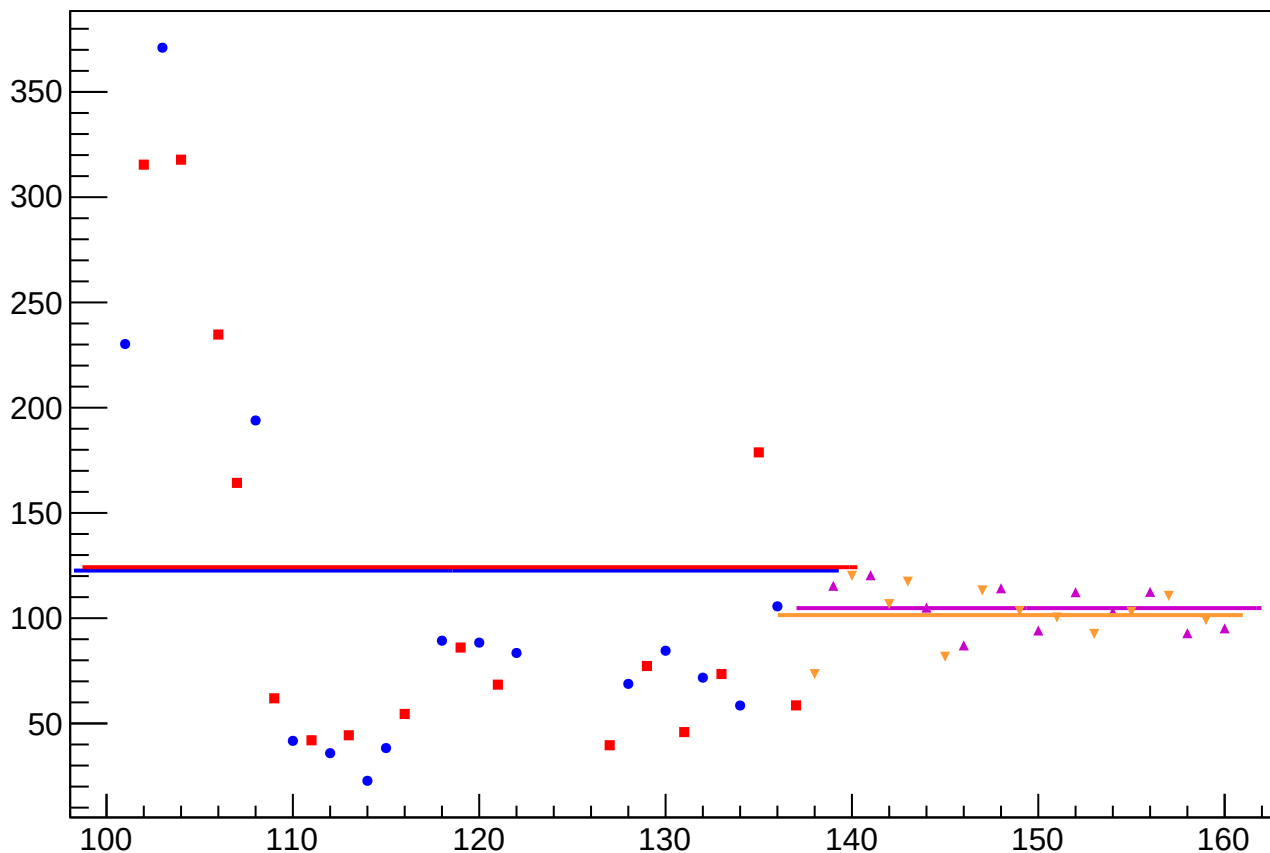
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

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		

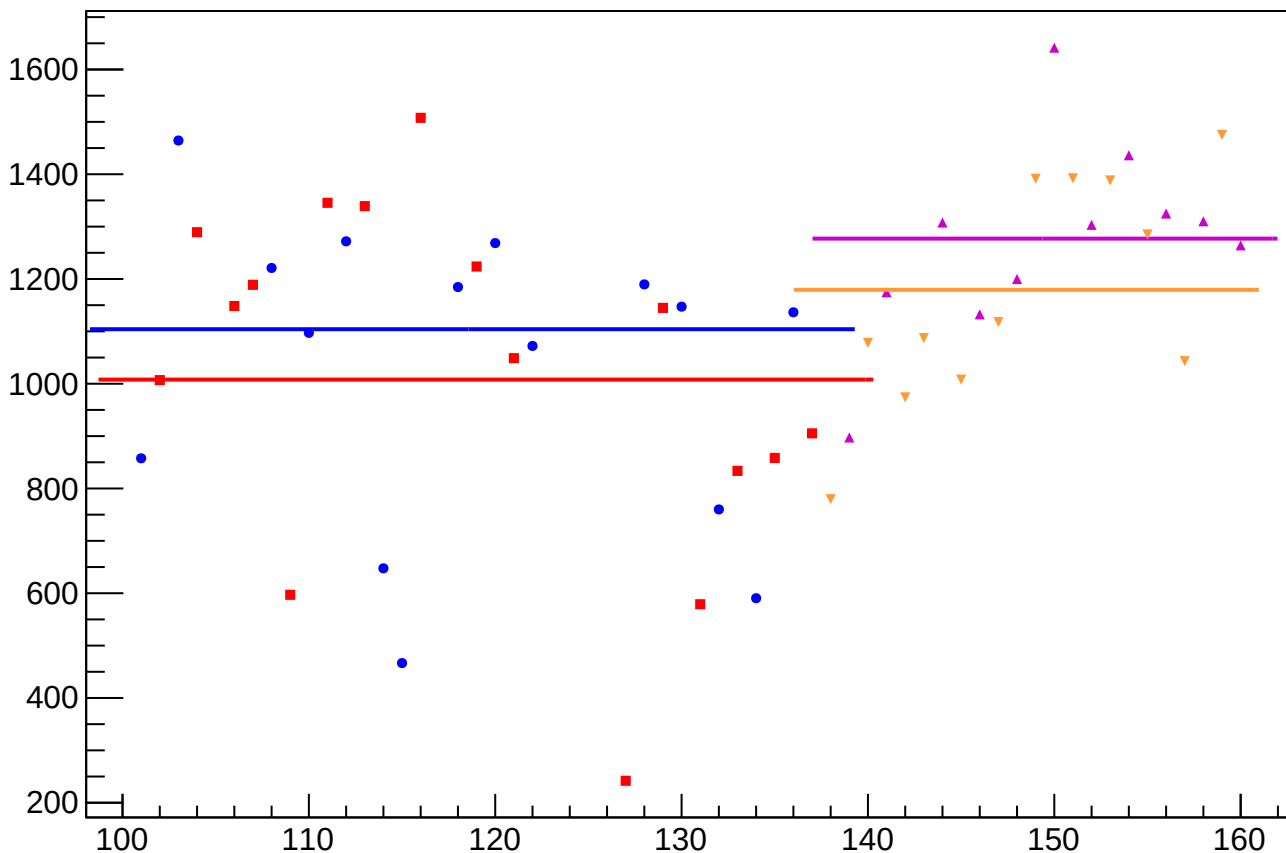
dit_sam7_coil3_err_mean vs Slug



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

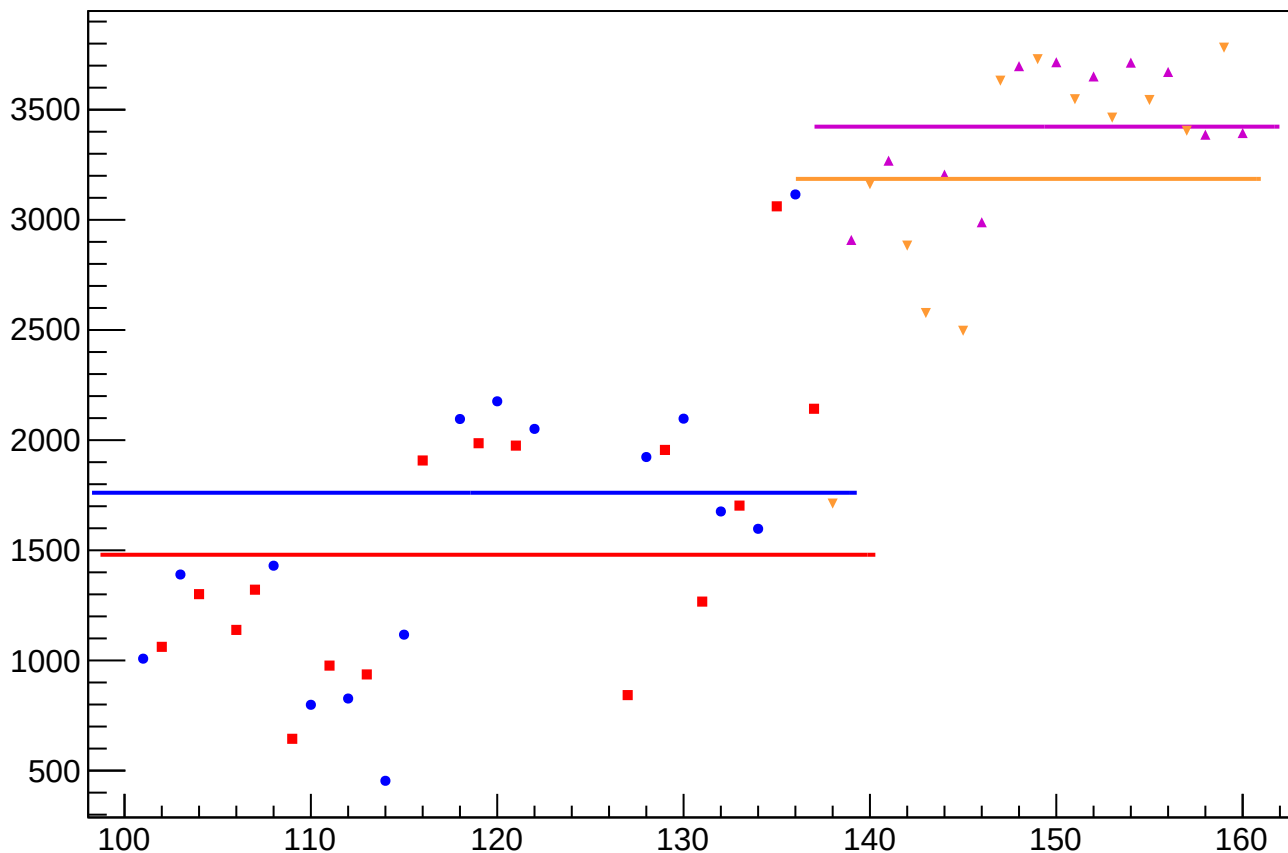
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ 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

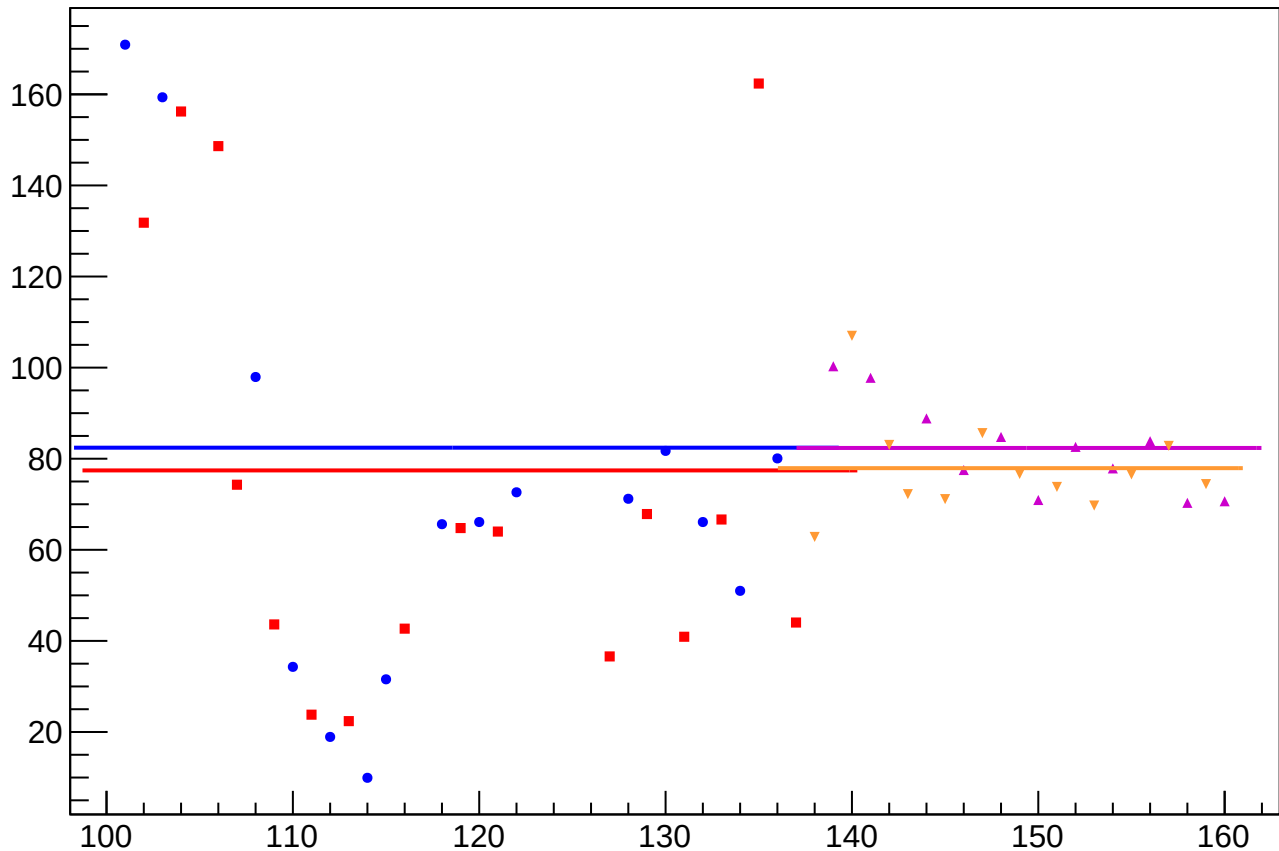
Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

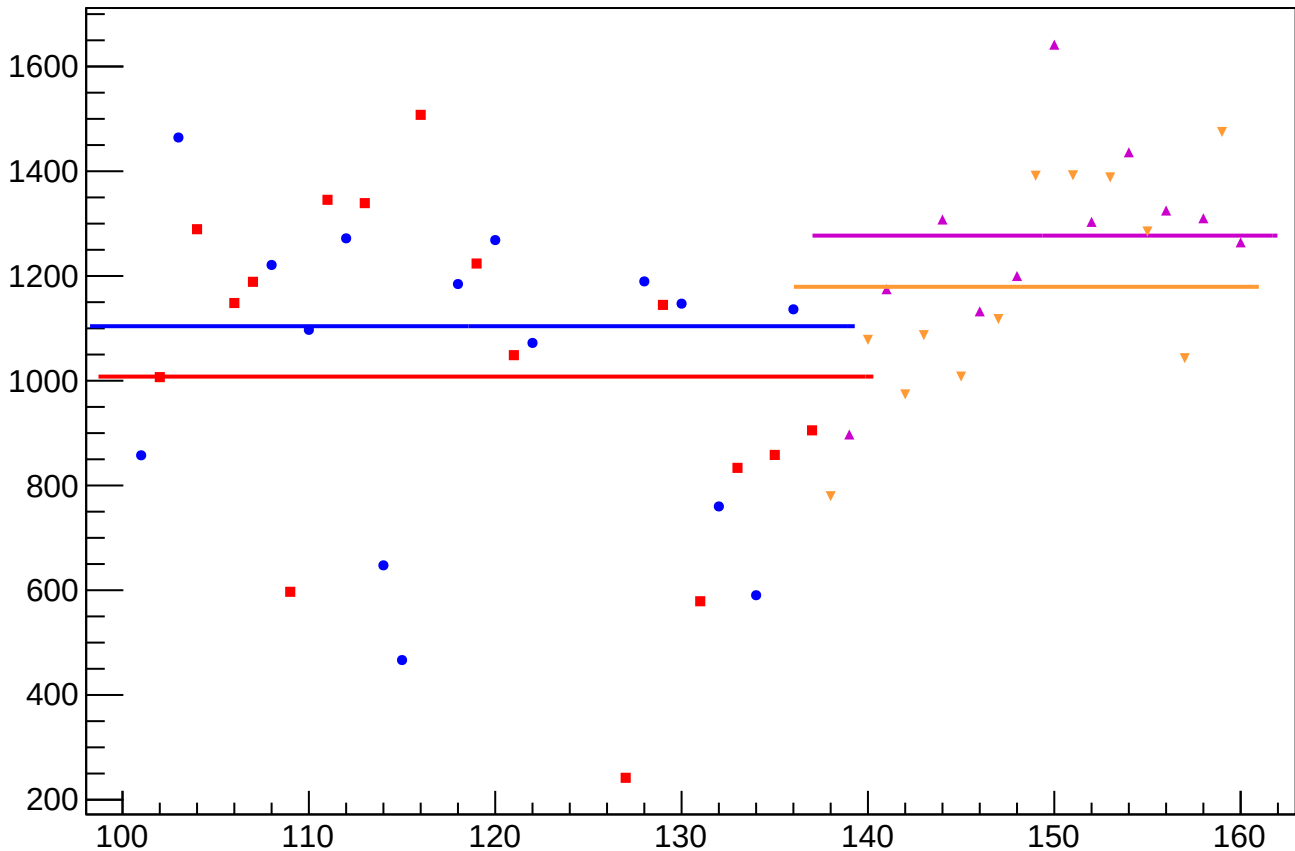
All: 2601.420+/-0.000 χ^2/NDF : 32383742993

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14
 Left Out: 77.927+/-0.000 χ^2/NDF : 108816585289567770159719515210907648.0/11
 Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15
 Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

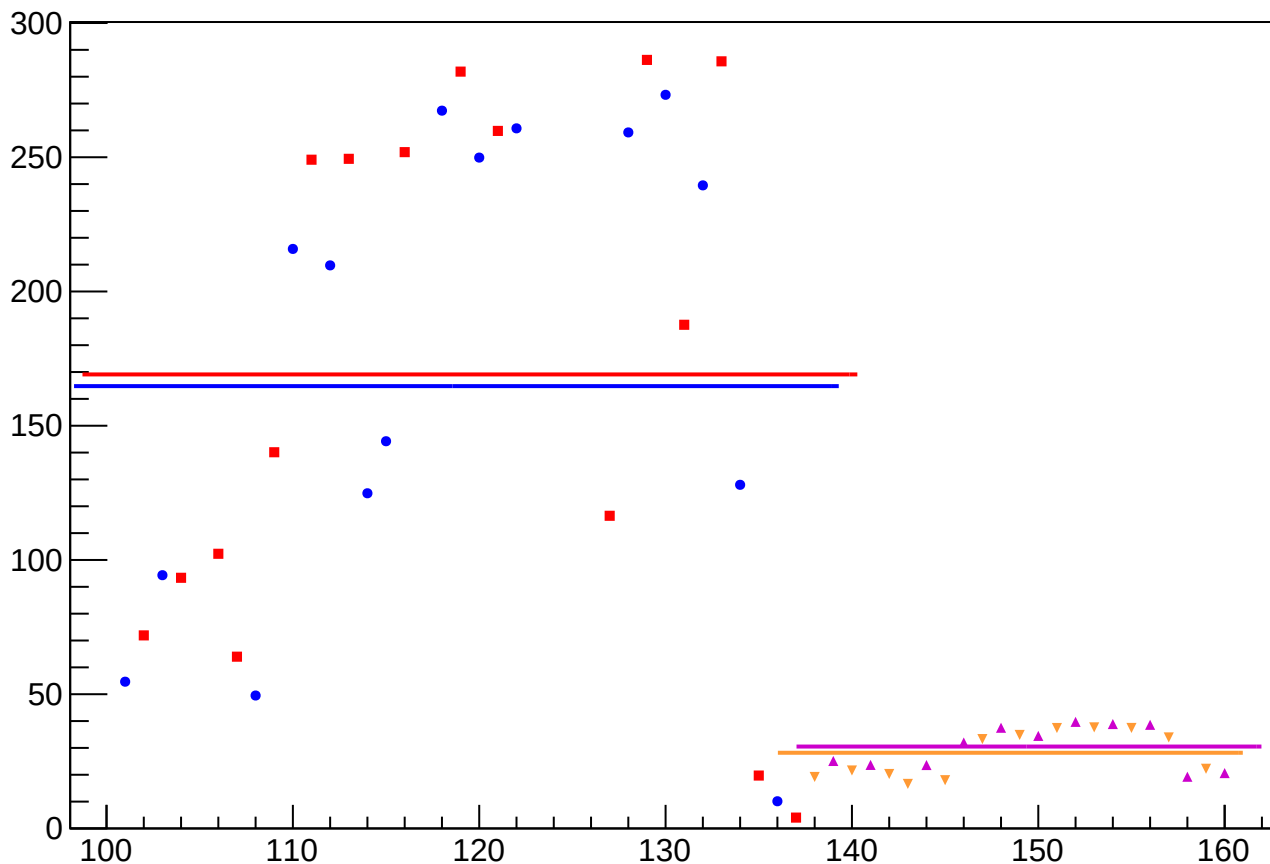
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



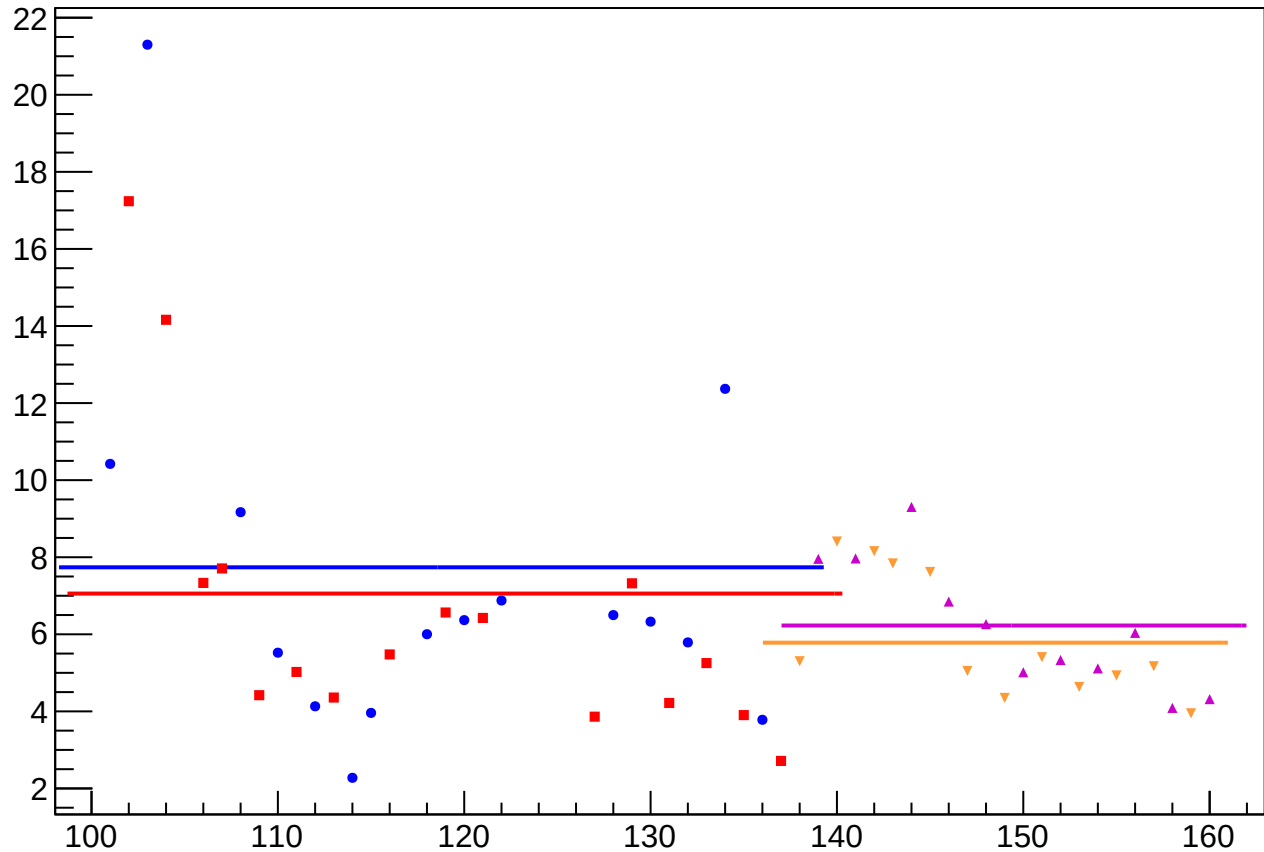
Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 28.192+/-0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 30.507+/-0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.783+/-0.000 χ^2/NDF : 2082103650411209995862519006101504.0/11

Right Out: 7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

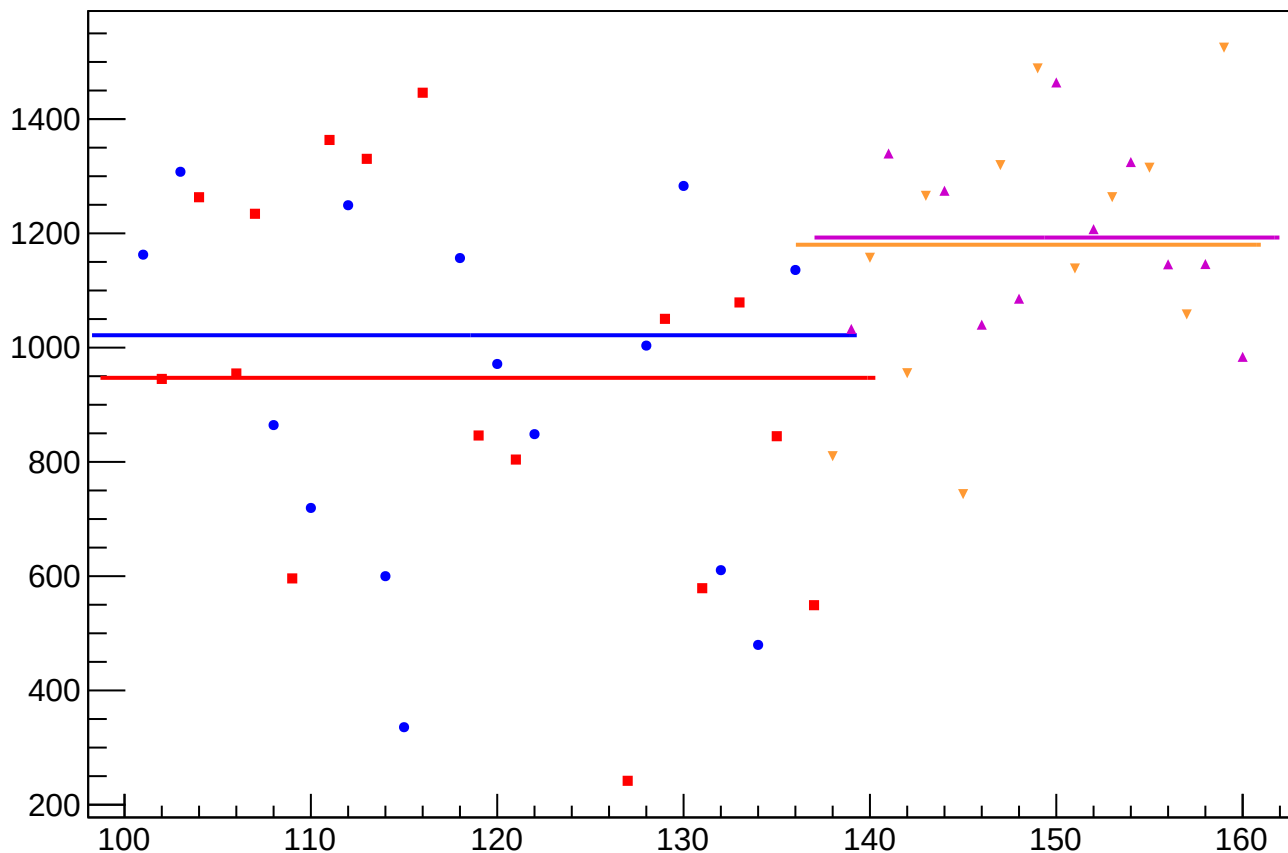
Left In: 6.228+/-0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

+ sign 6.595+/-0.000 χ^2/NDF : 18660029983466047

All: 6.585+/-0.000 χ^2/NDF : 32551119469805

- sign 6.575+/-0.000 χ^2/NDF : 13890781213861884

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

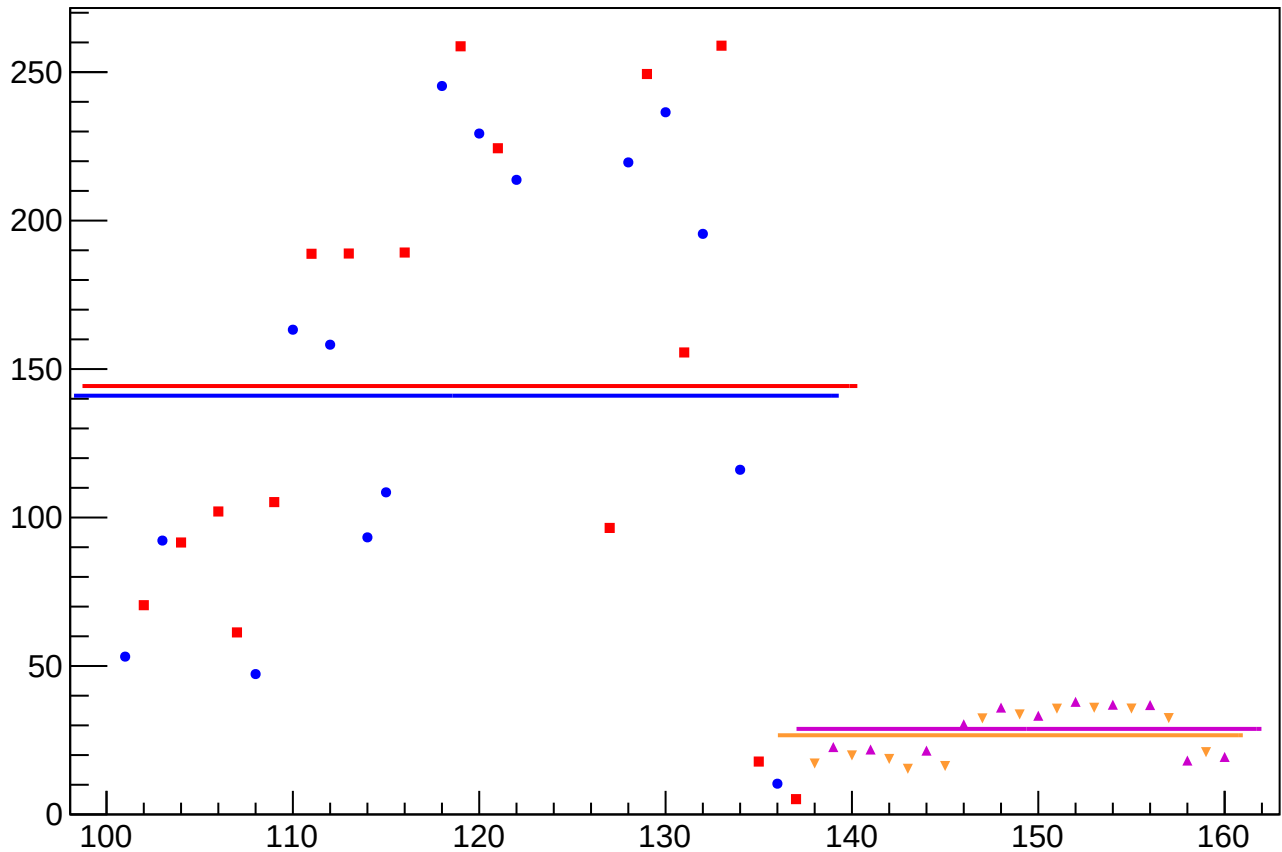
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

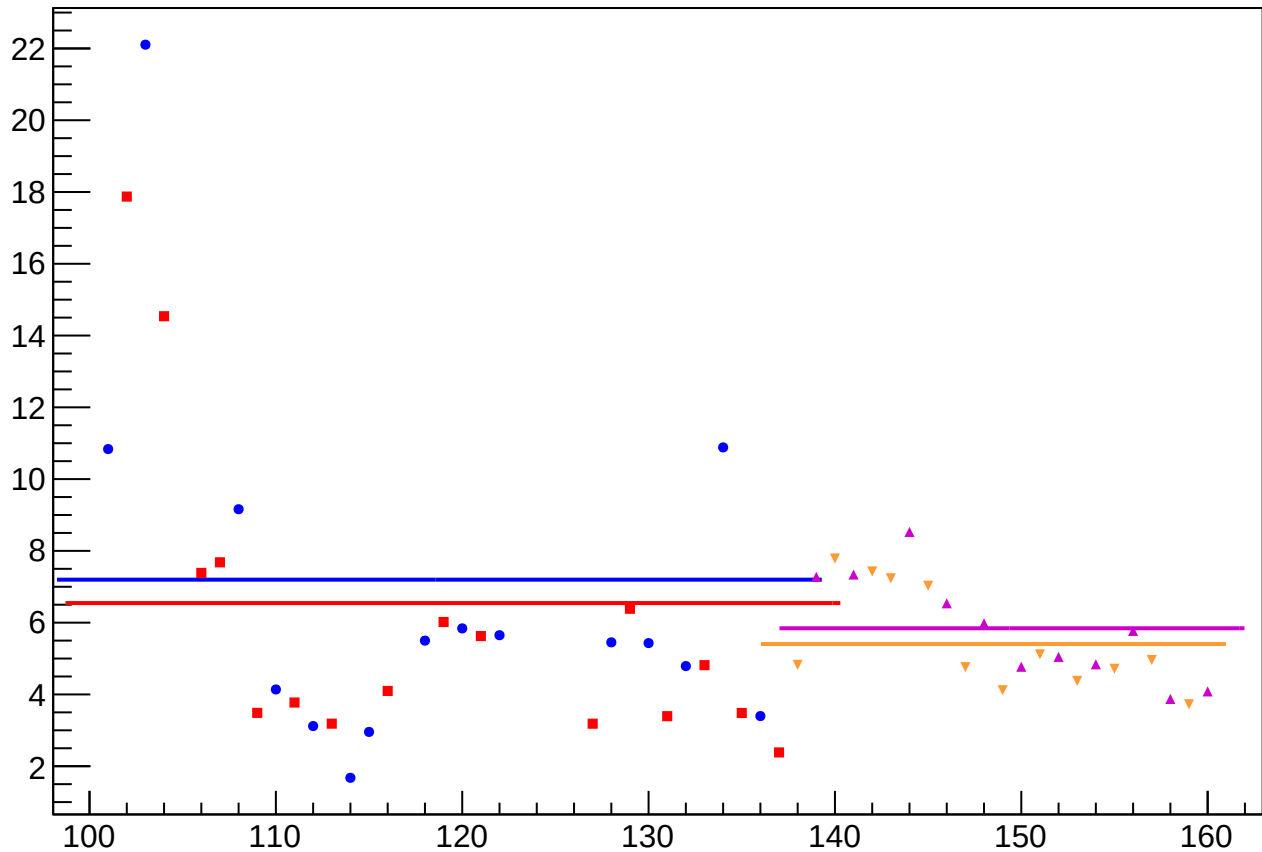
Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

All: 75.703+/-0.000 χ^2/NDF : 1902686413208

dit_4eX_coil7_err_mean vs Slug



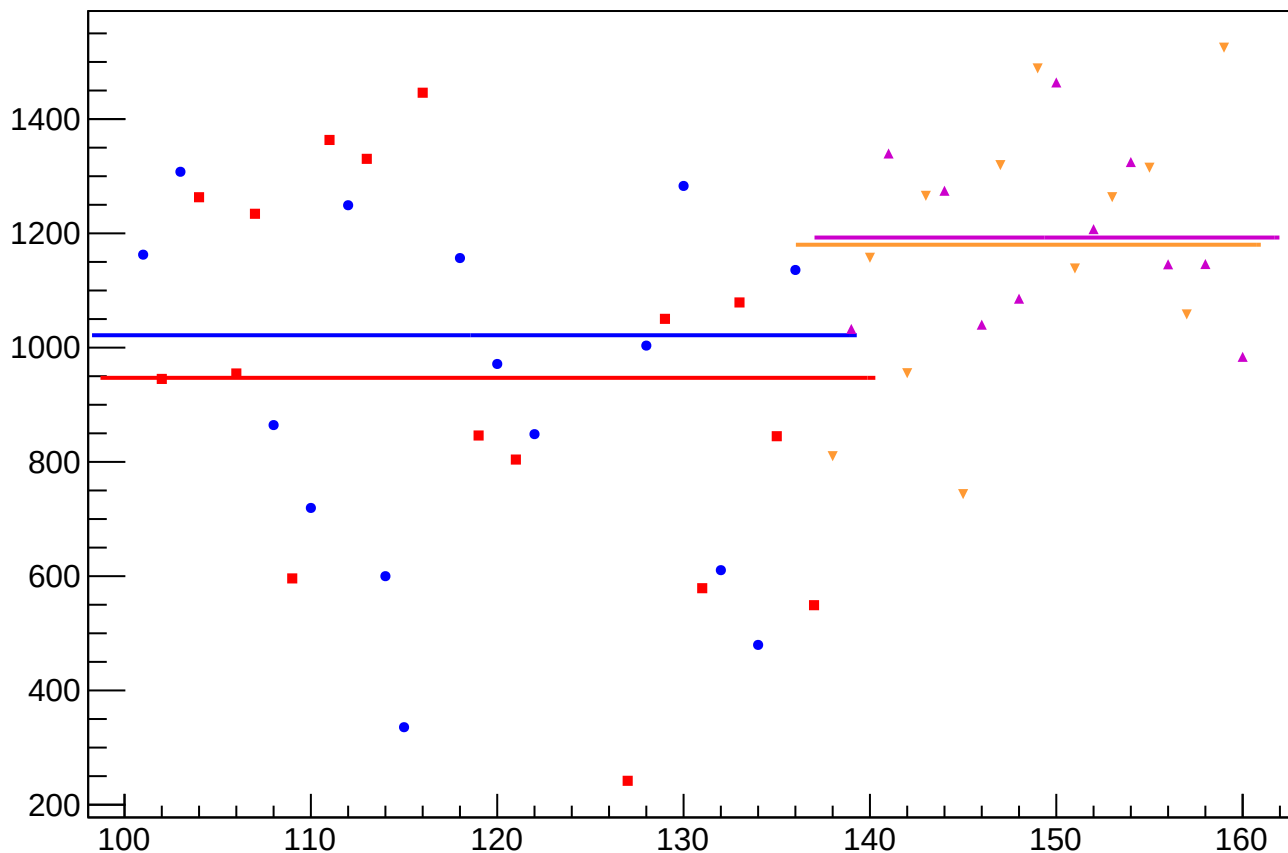
Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF : 1657476673222734549536062415306752.0/11

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

Left In: 5.843+/-0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

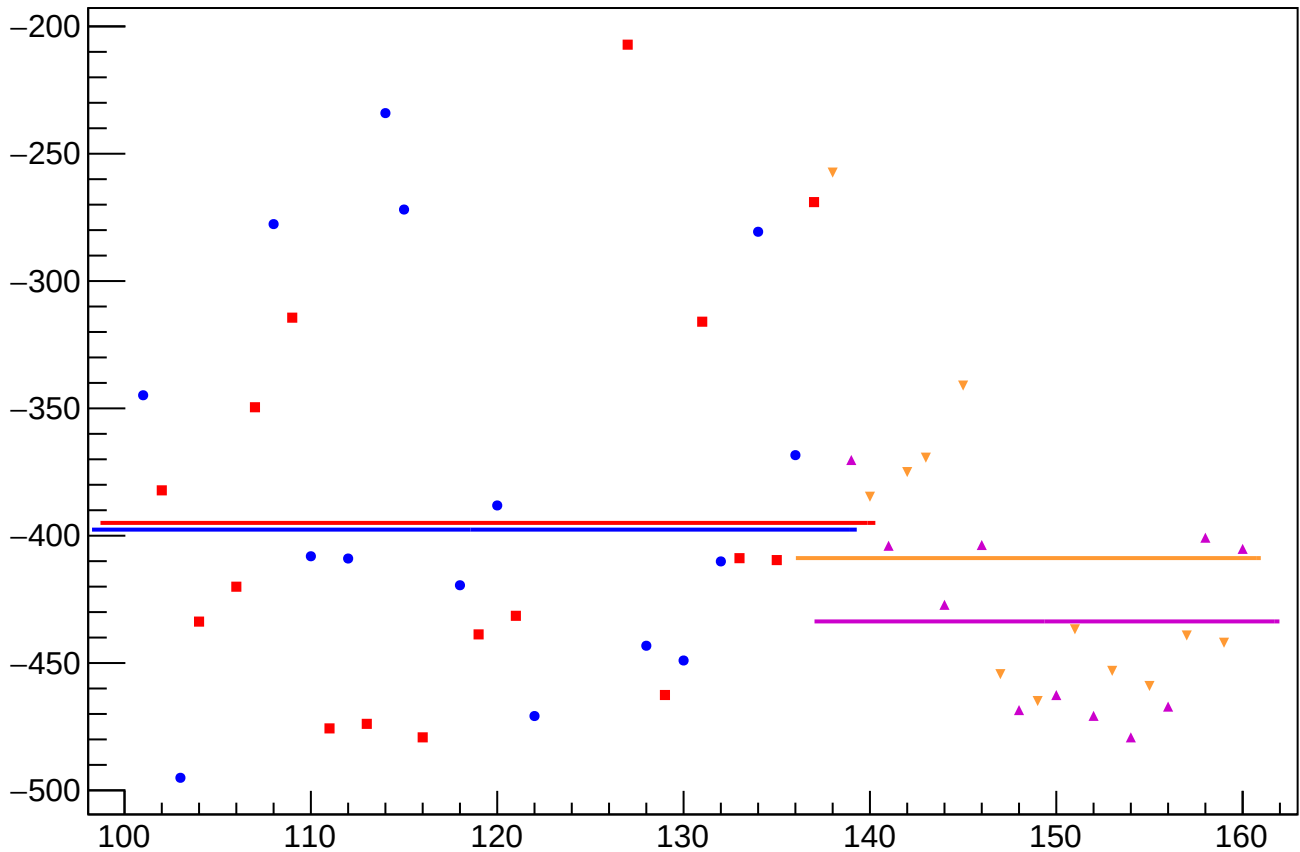
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

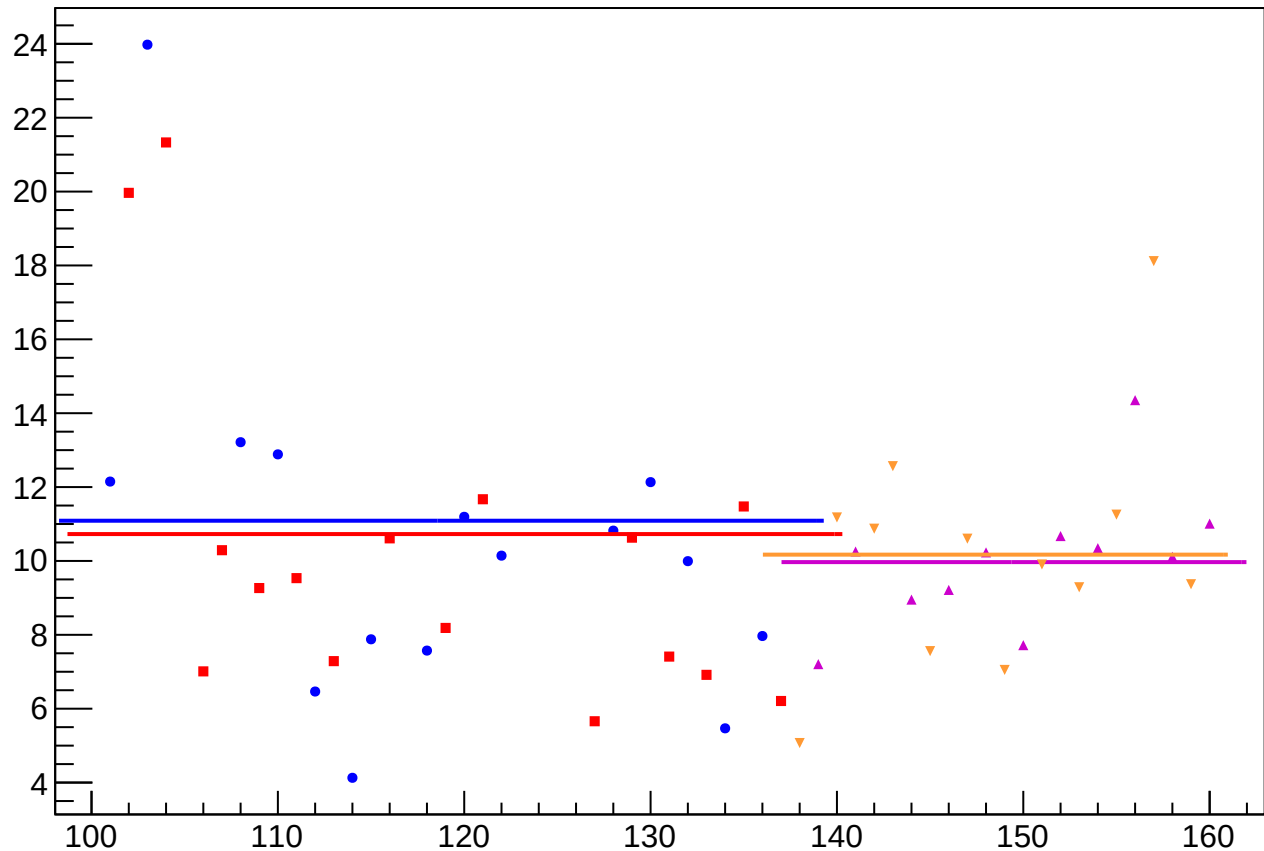
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613 ± 0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14
 Left Out: -408.794 ± 0.000 χ^2/NDF : 3366573213961692909439105040404971520.0/11
 Right Out: -394.973 ± 0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15
 Left In: -433.664 ± 0.000 χ^2/NDF : 1198237421385461104687495484599697408.0/10

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

Left Out: 10.171 $\pm$ 0.000 χ^2 /NDF: 9089684940831859823552687731900416.0/11

Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

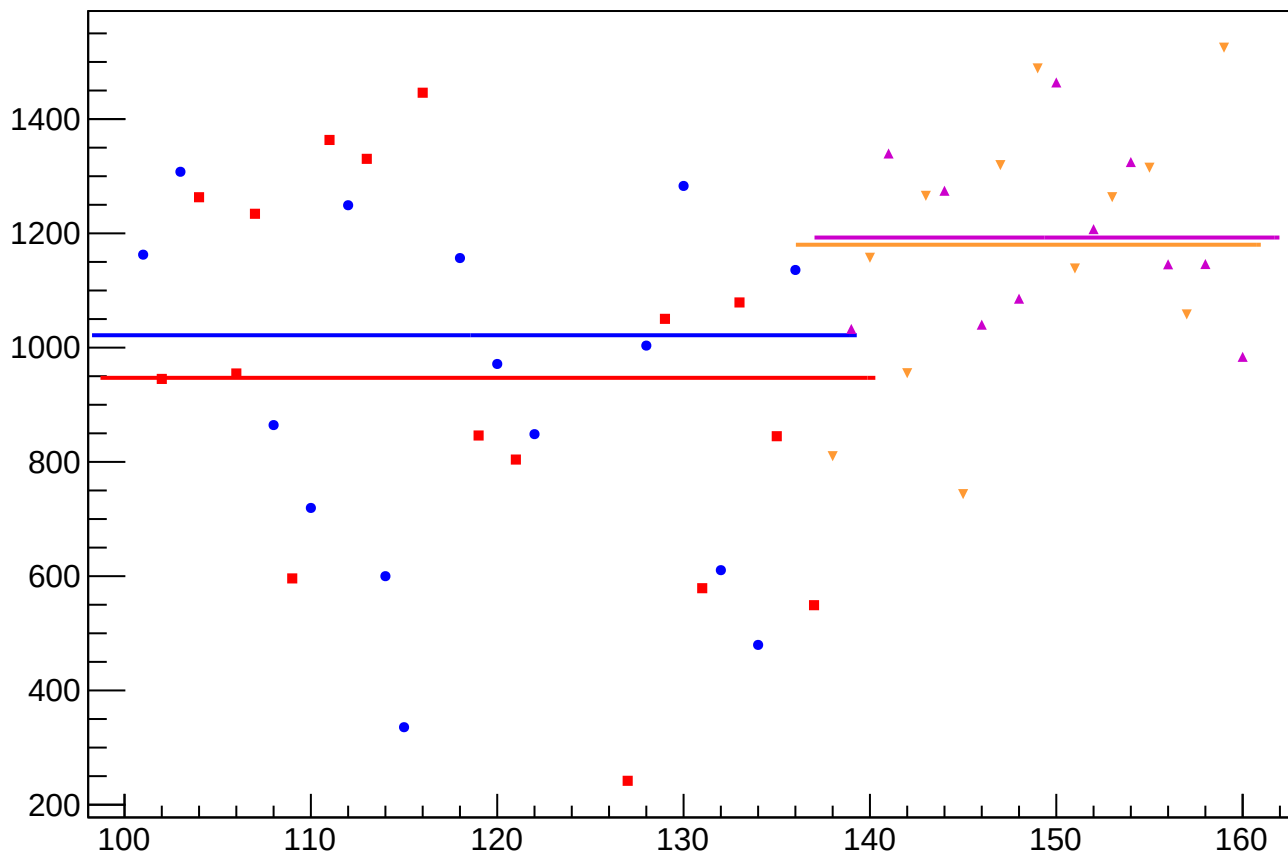
Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

+ sign 10.552 $\pm$ 0.000 χ^2 /NDF: 2364557431902666

All: 10.418 $\pm$ 0.000 χ^2 /NDF: 4159719349794

- sign 10.287 $\pm$ 0.000 χ^2 /NDF: 1789615499240610

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

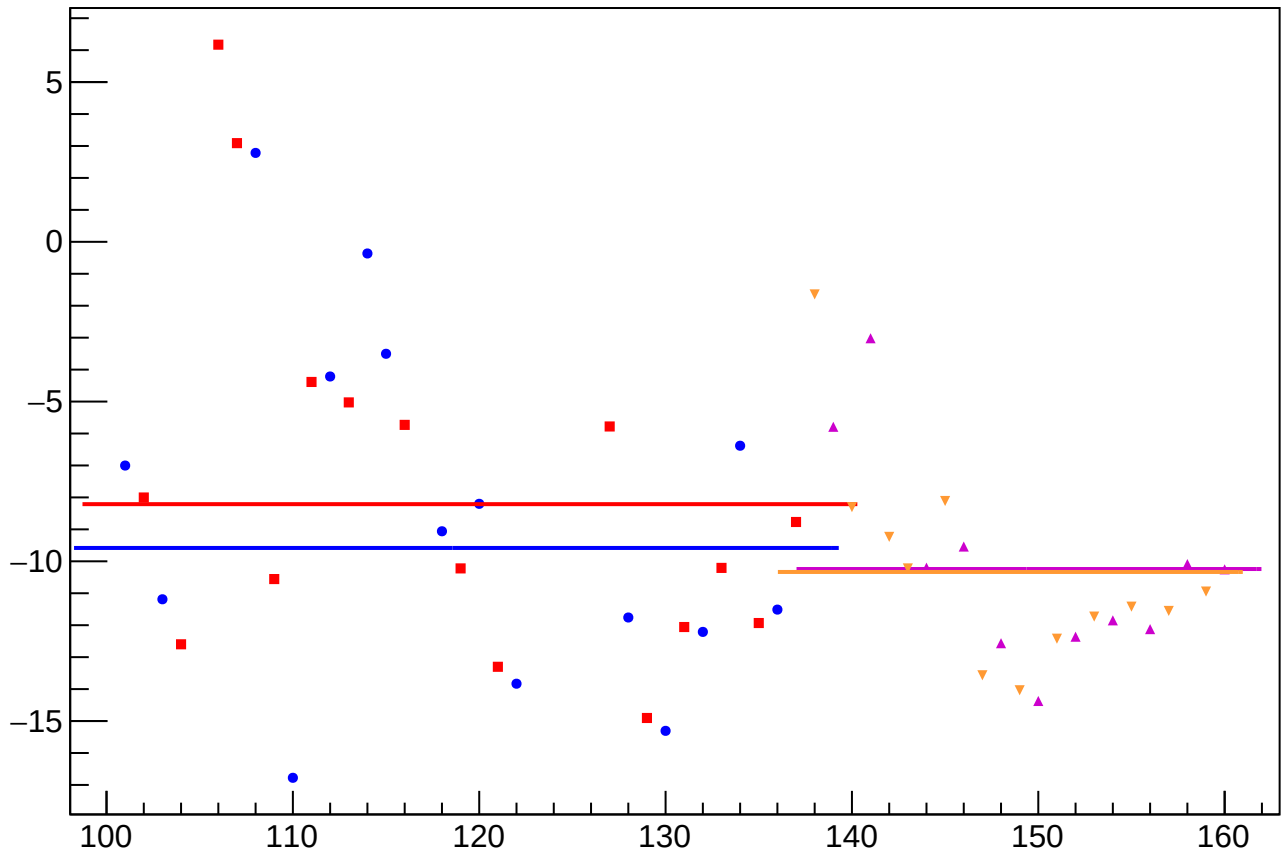
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

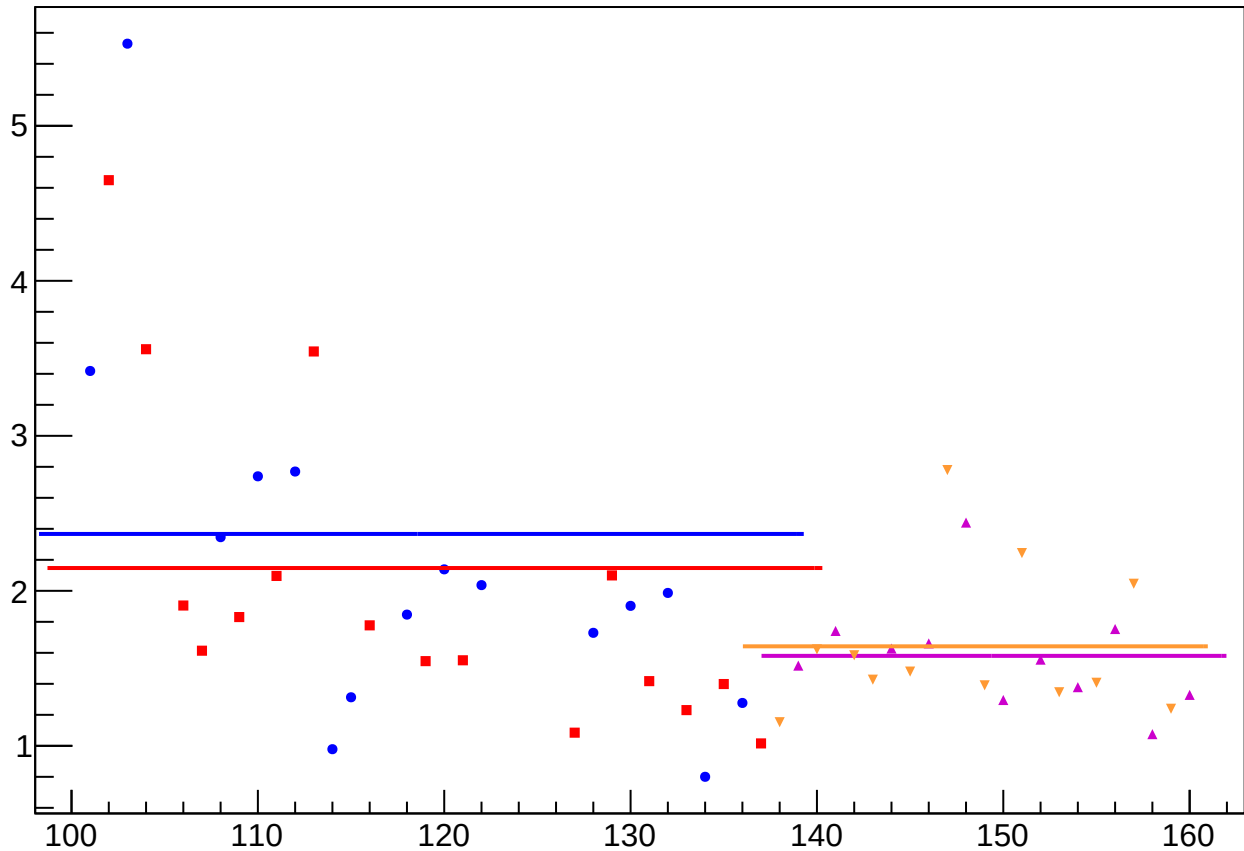
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aY_coil7_mean vs Slug



Right In: -9.582 ± 0.000 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

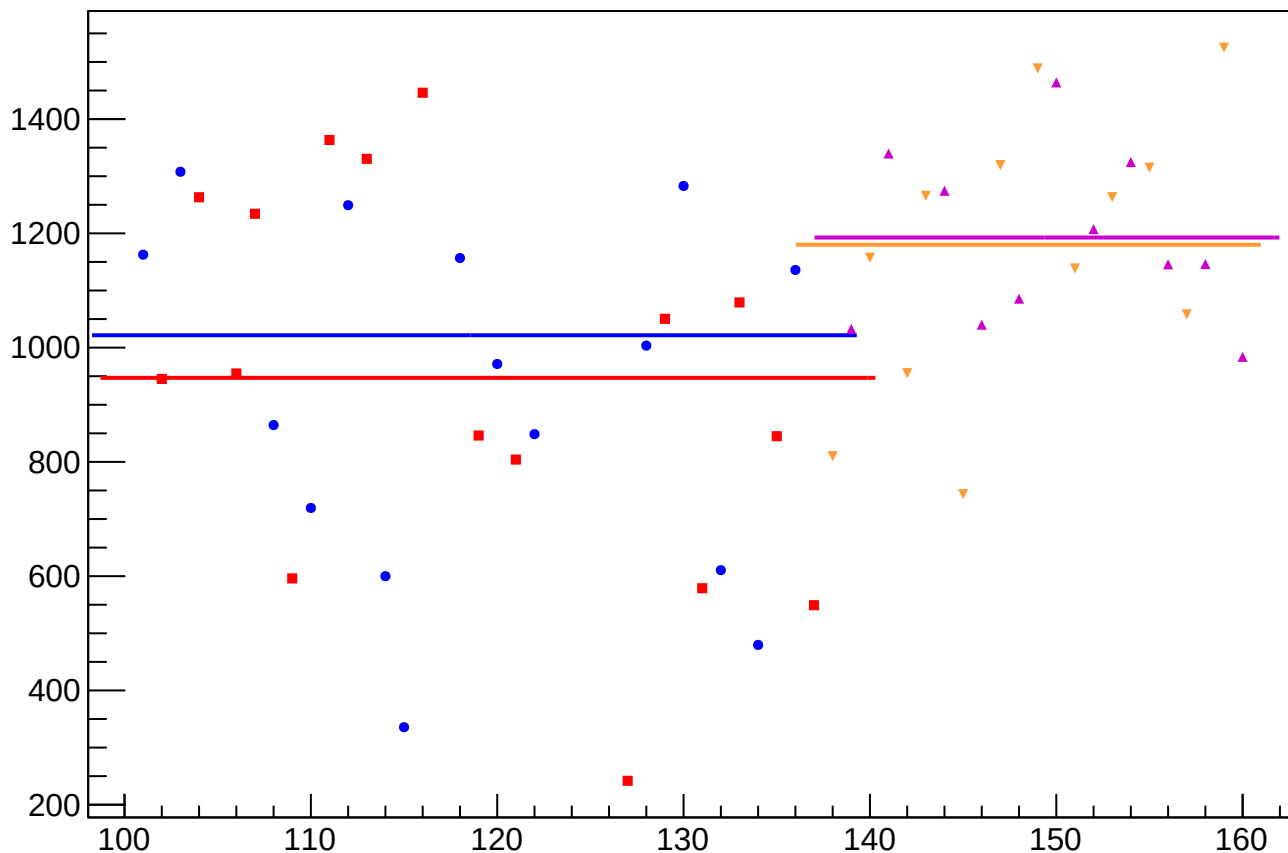
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ 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

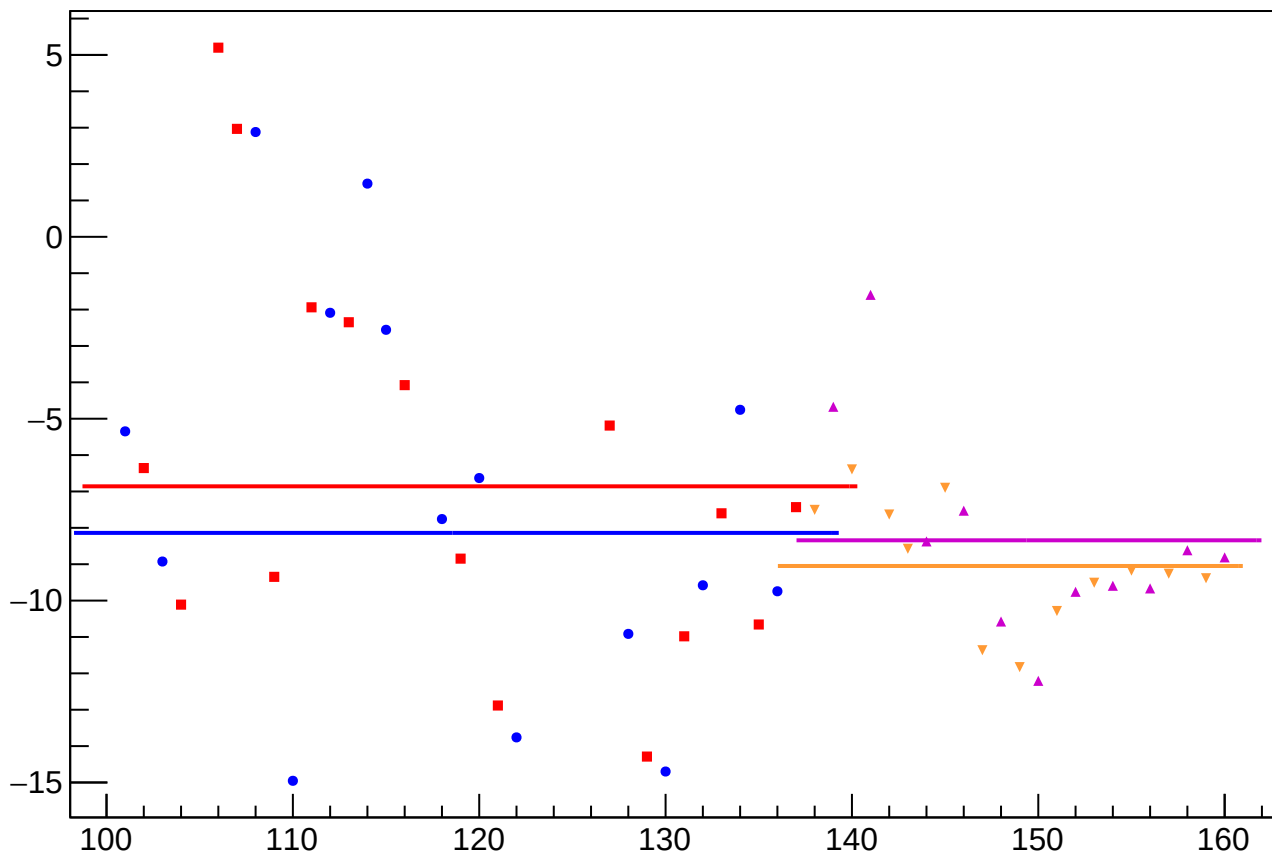
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ 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

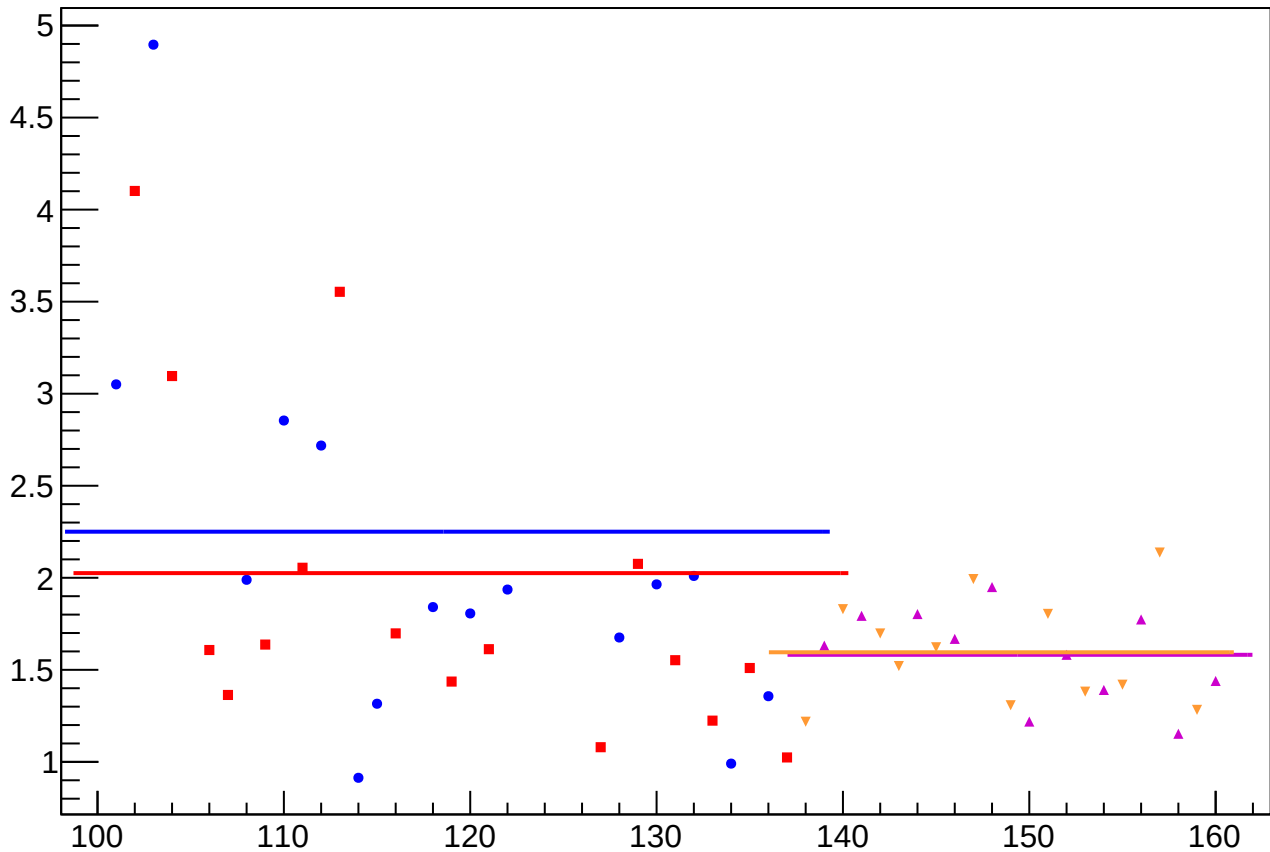
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ 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

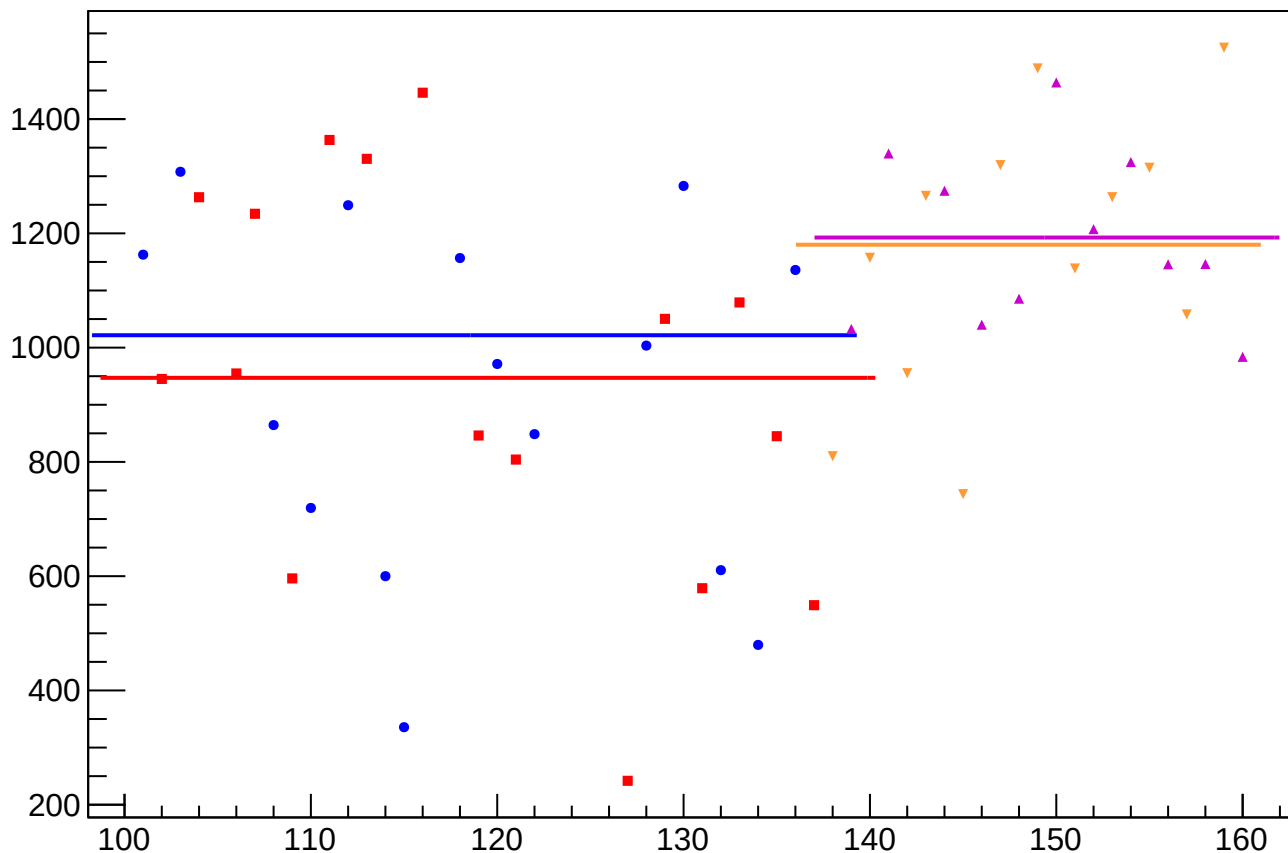
Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10

+ sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009

All: 1.817 ± 0.000 χ^2/NDF : 16139323147650

- 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

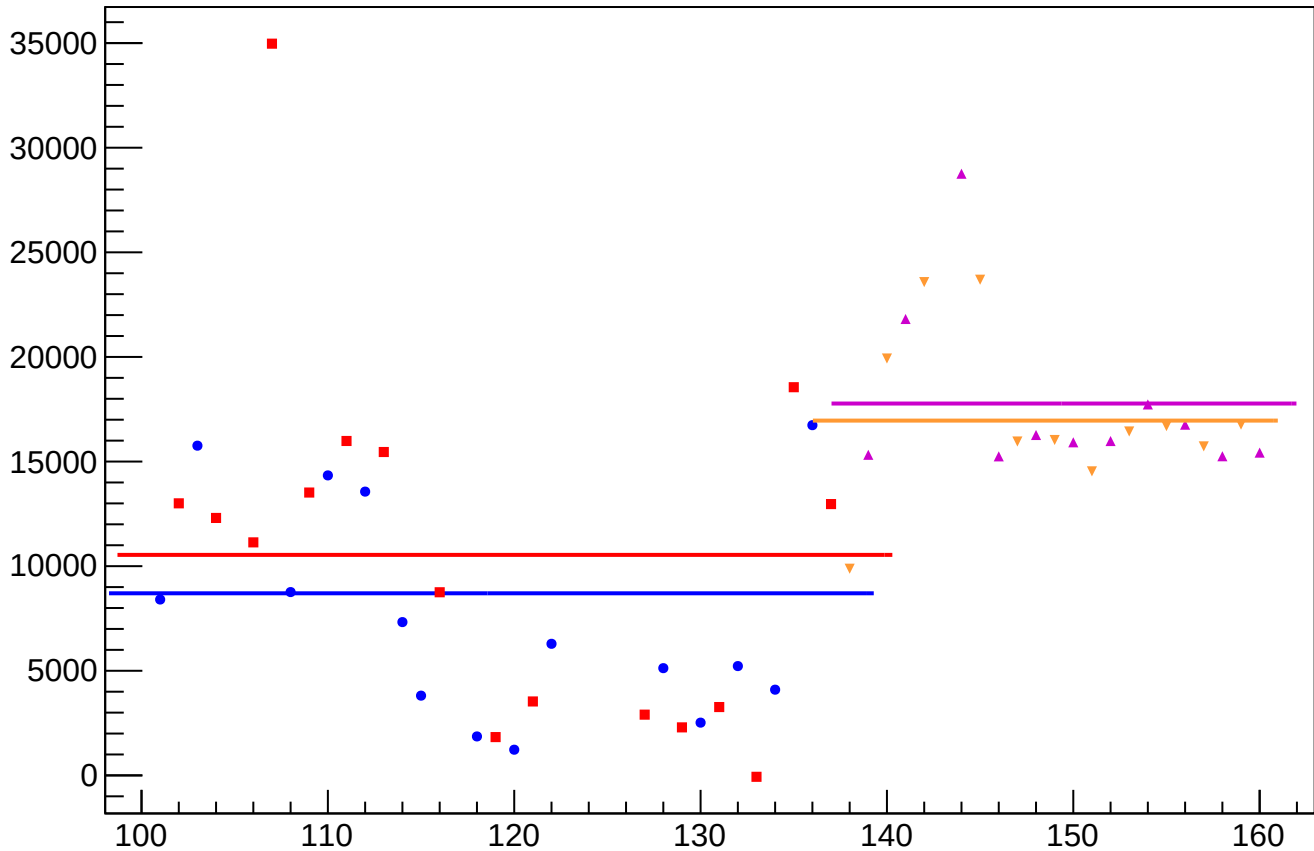
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

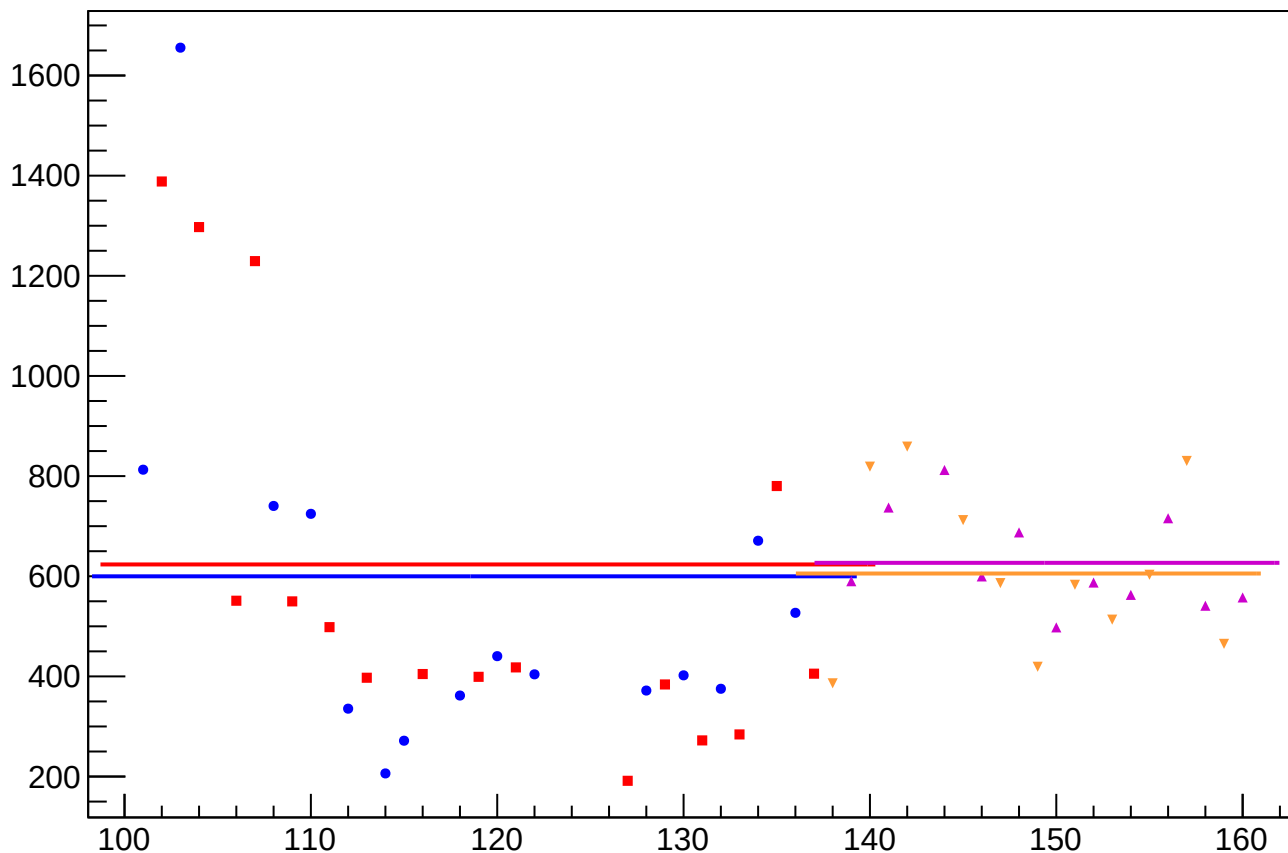
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

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

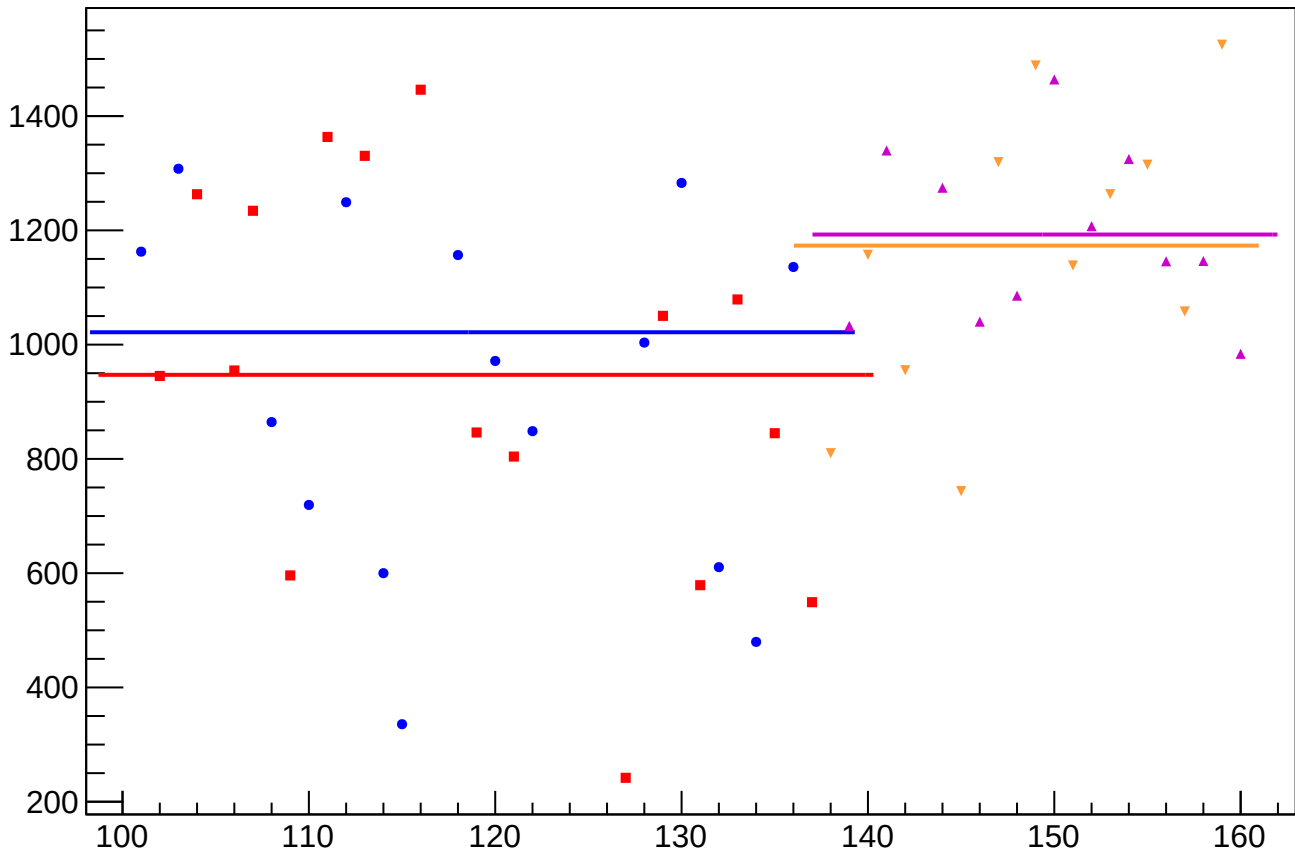
All: 614.575+/-0.000 χ^2/NDF : 219881740645

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

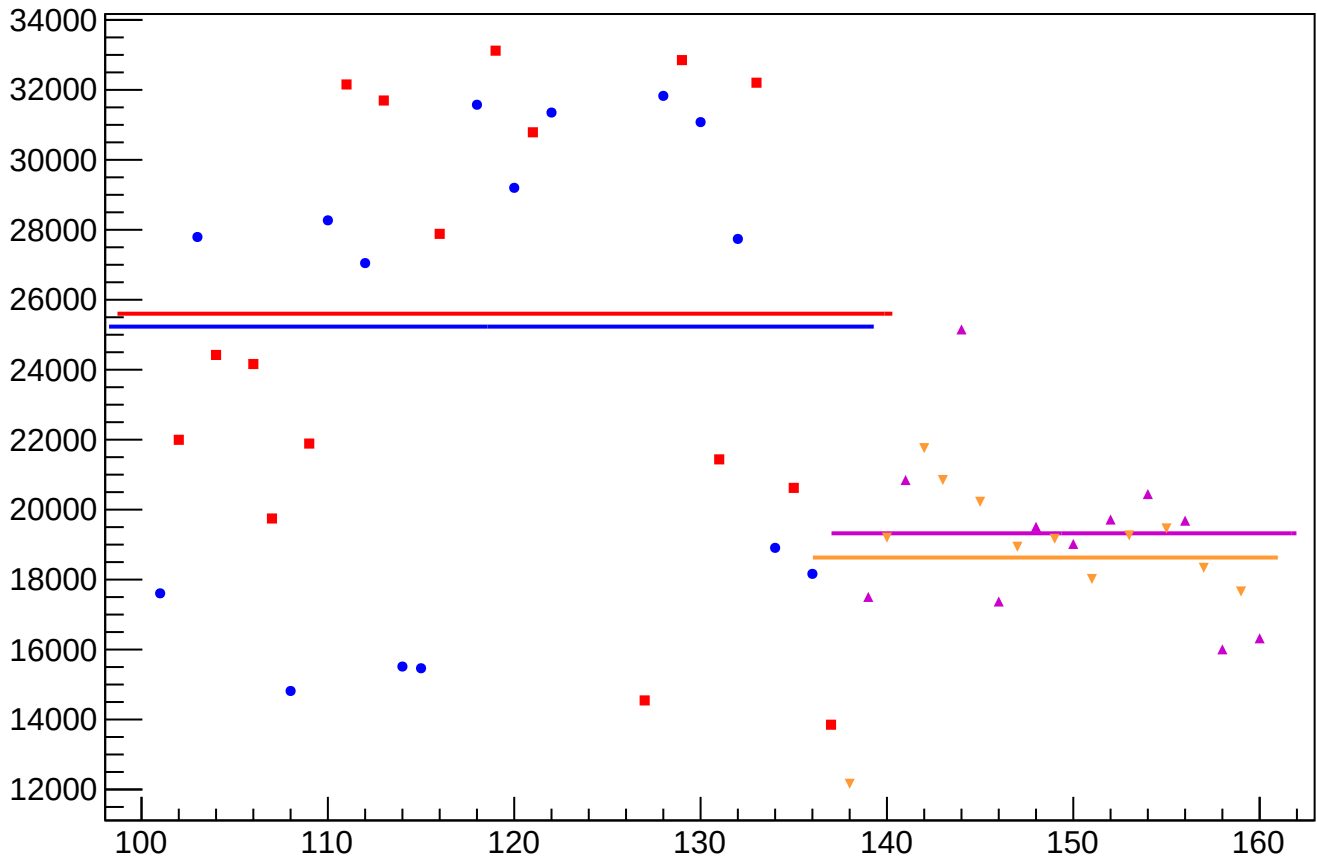
Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

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

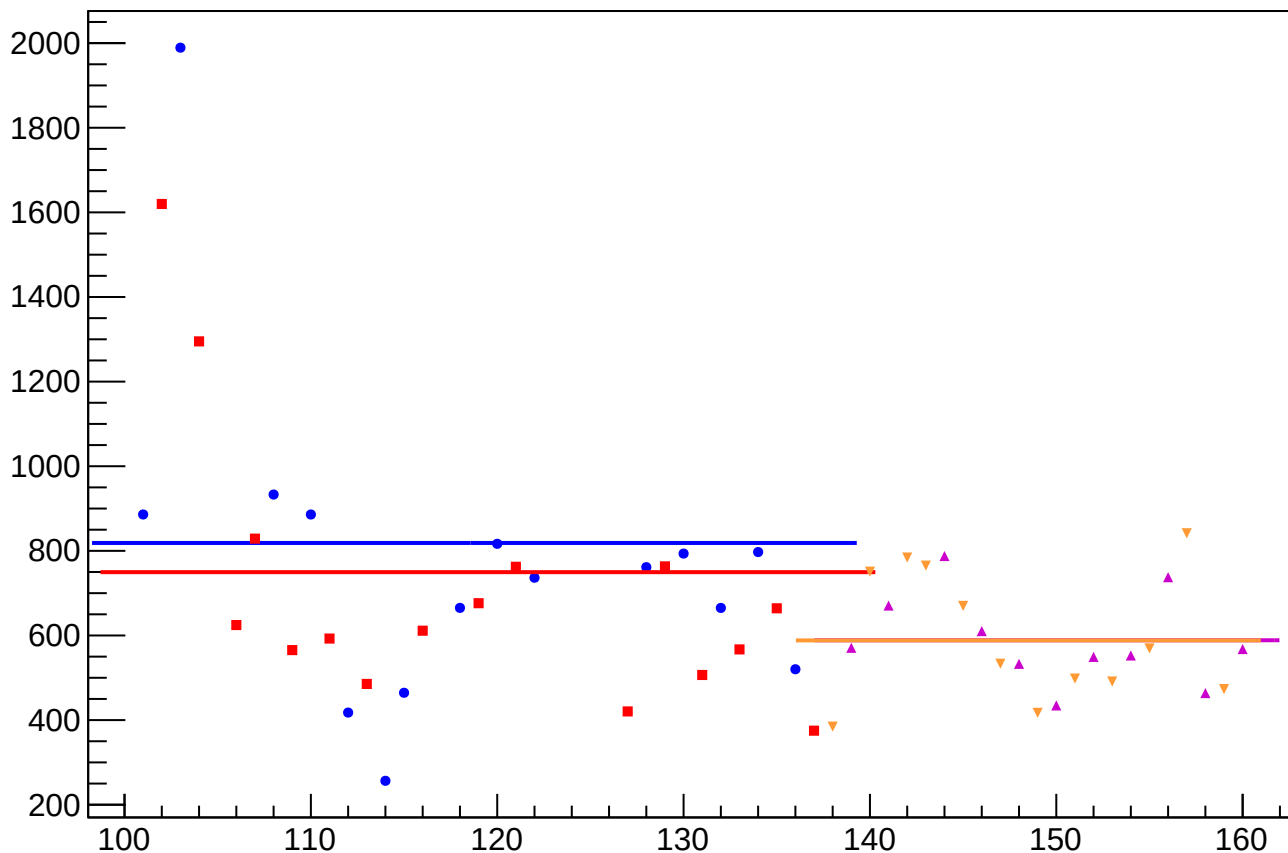
dit_usr_coil7_mean vs Slug



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

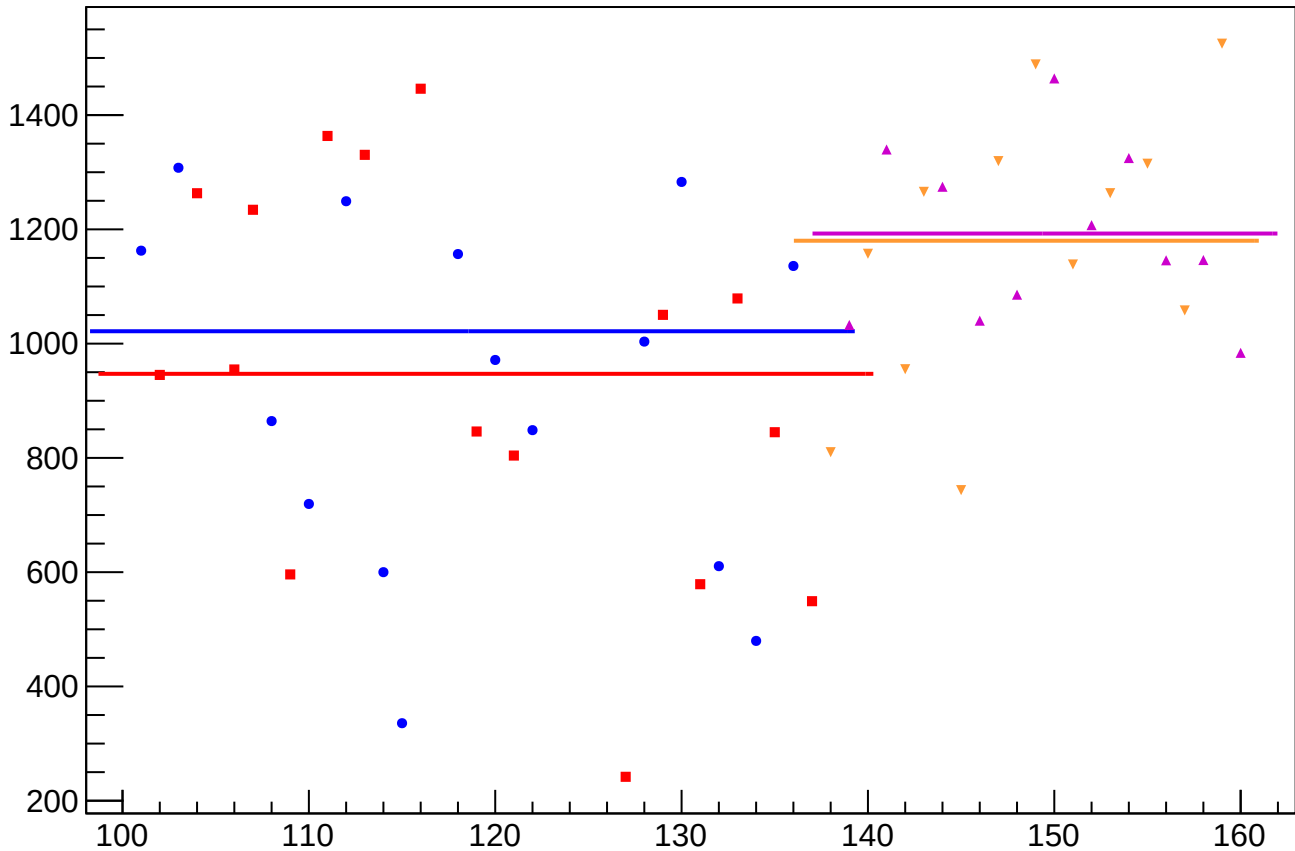
All: 669.969+/-0.000 χ^2/NDF : 244316509040

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

- sign 656.176+/-0.000 χ^2/NDF : 979142023590546

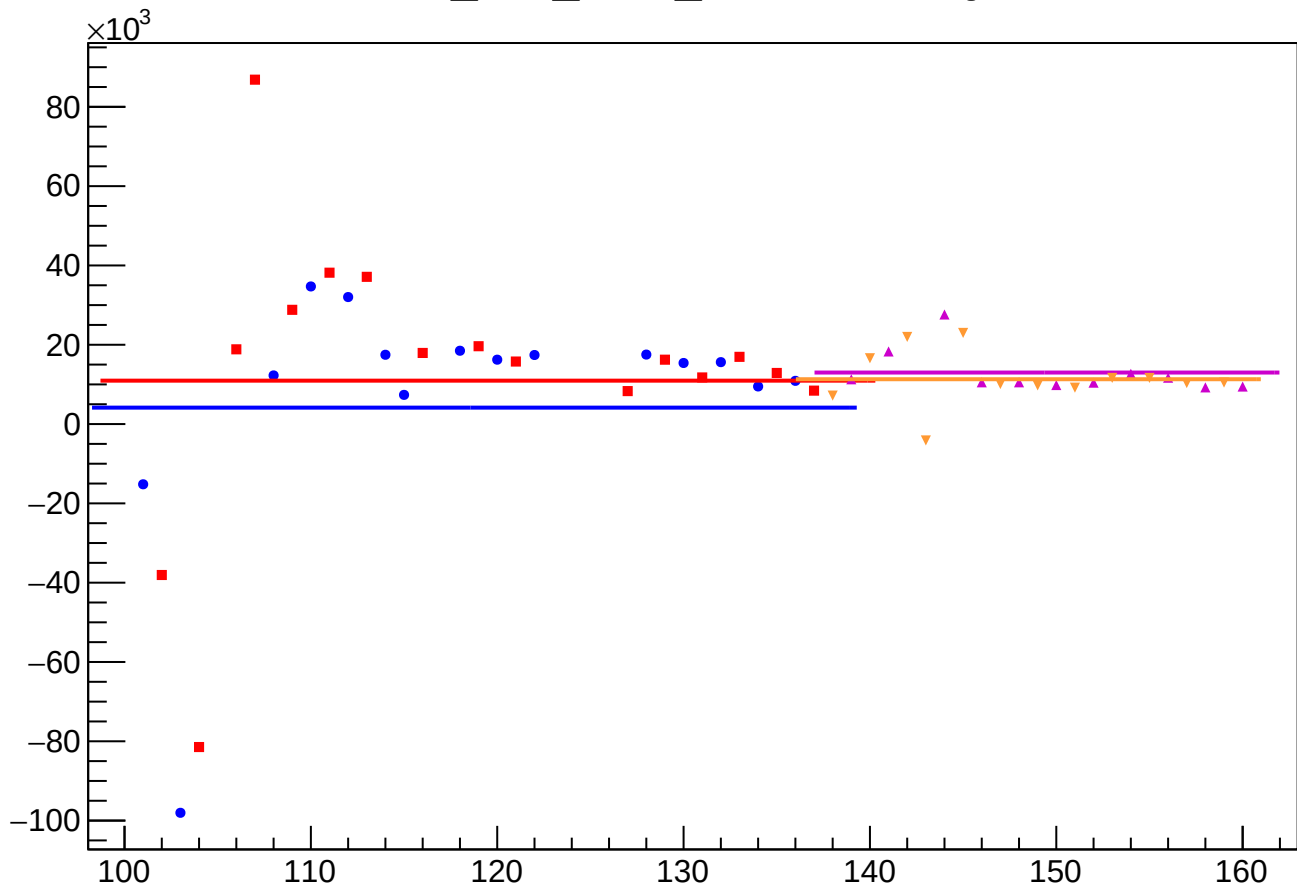
Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



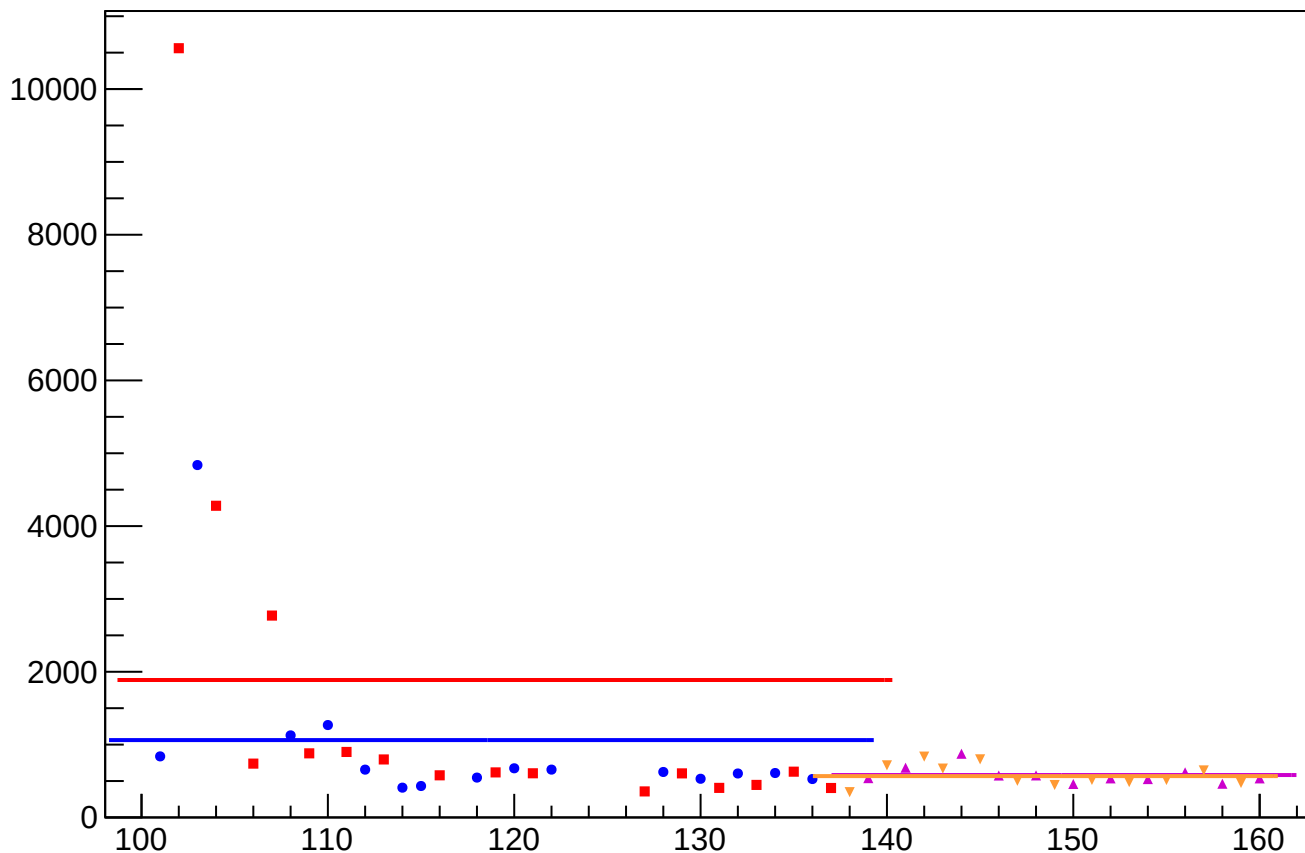
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1114.323+/-0.000	χ^2/NDF : 10080626753263
Left Out: 1180.103+/-0.000	χ^2/NDF : 50788606804690292724539730503787347968.0/11	All: 1101.926+/-0.000	χ^2/NDF : 21167730452
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- 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 $\pm$ 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 $\pm$ 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 $\pm$ 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 $\pm$ 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



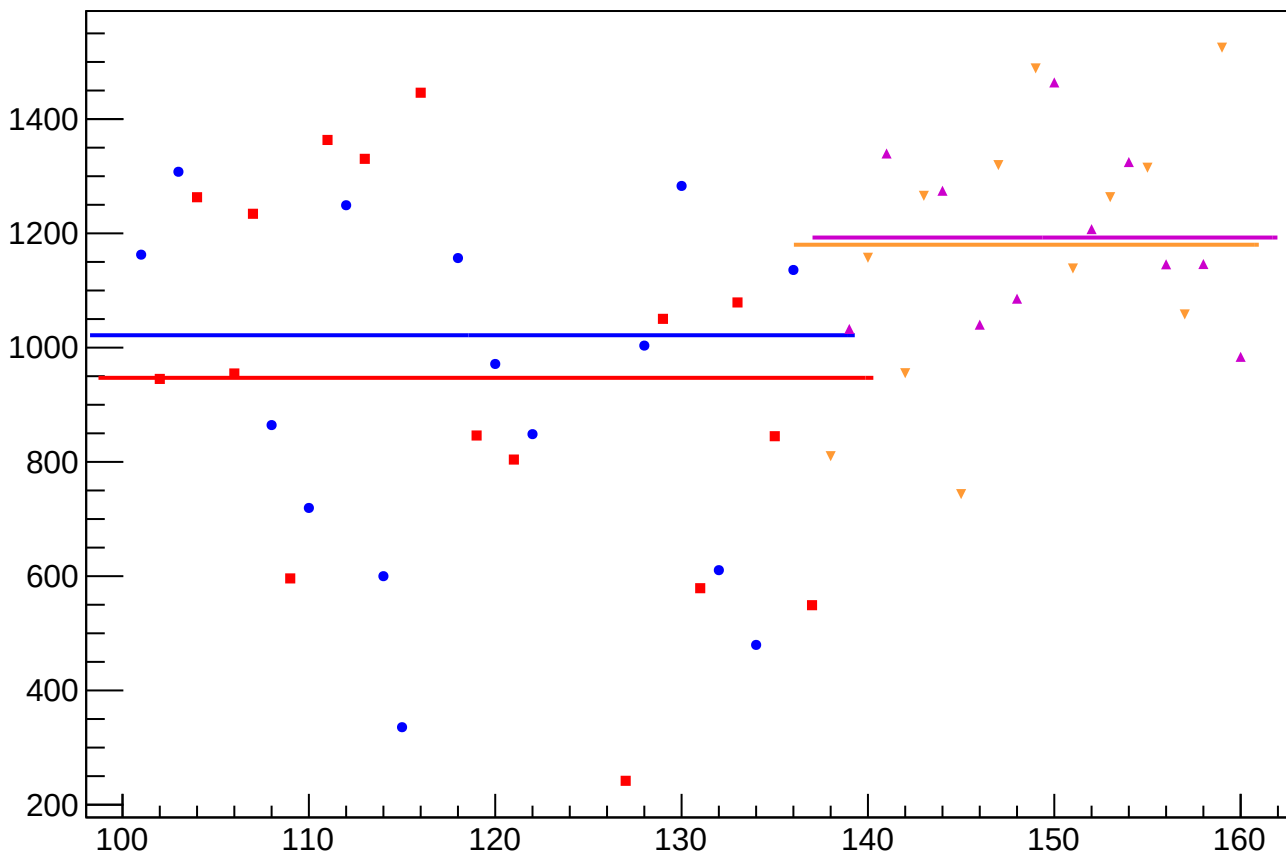
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 567.733+/-0.000 χ^2/NDF : 17522884747687495168010192179255312384.0/11

Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

Left In: 582.413+/-0.000 χ^2/NDF : 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

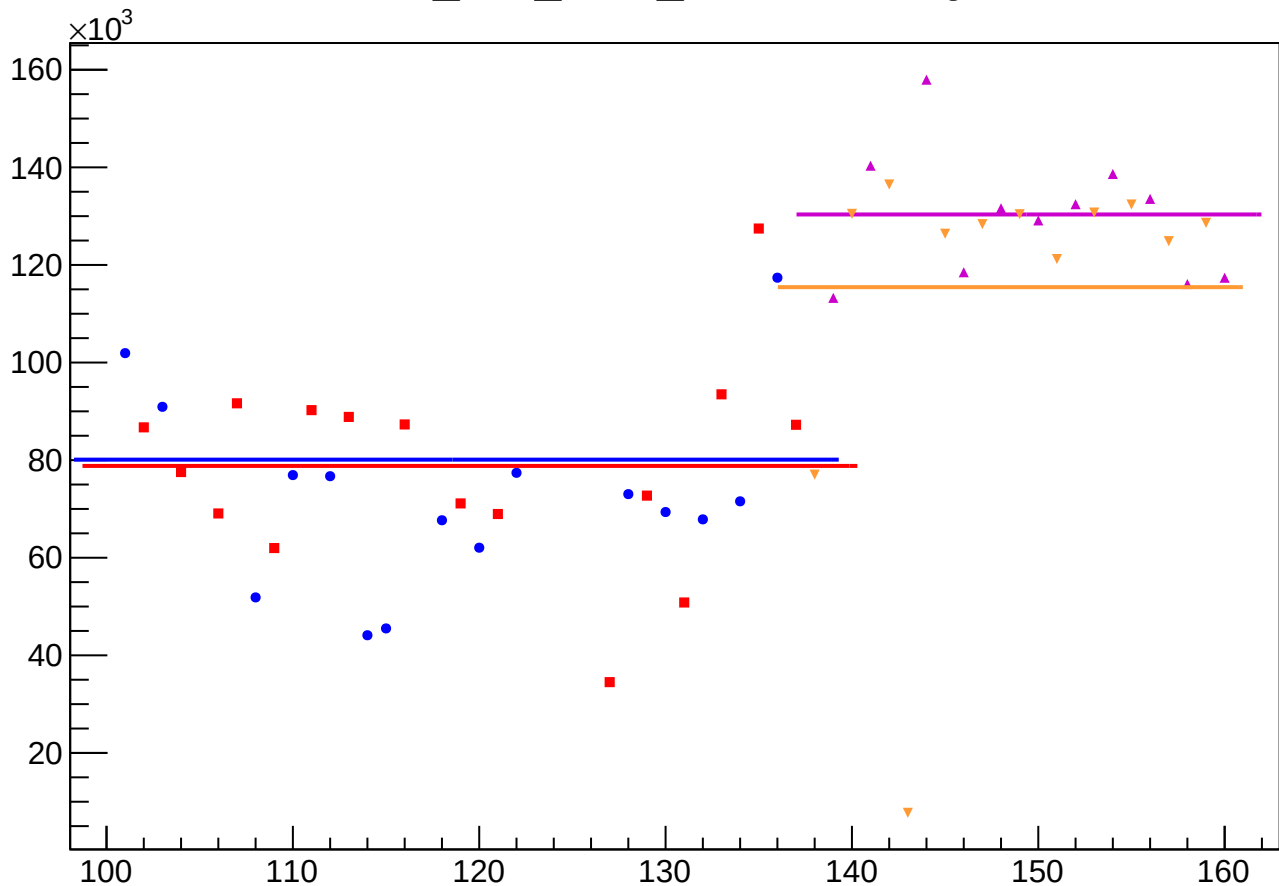
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

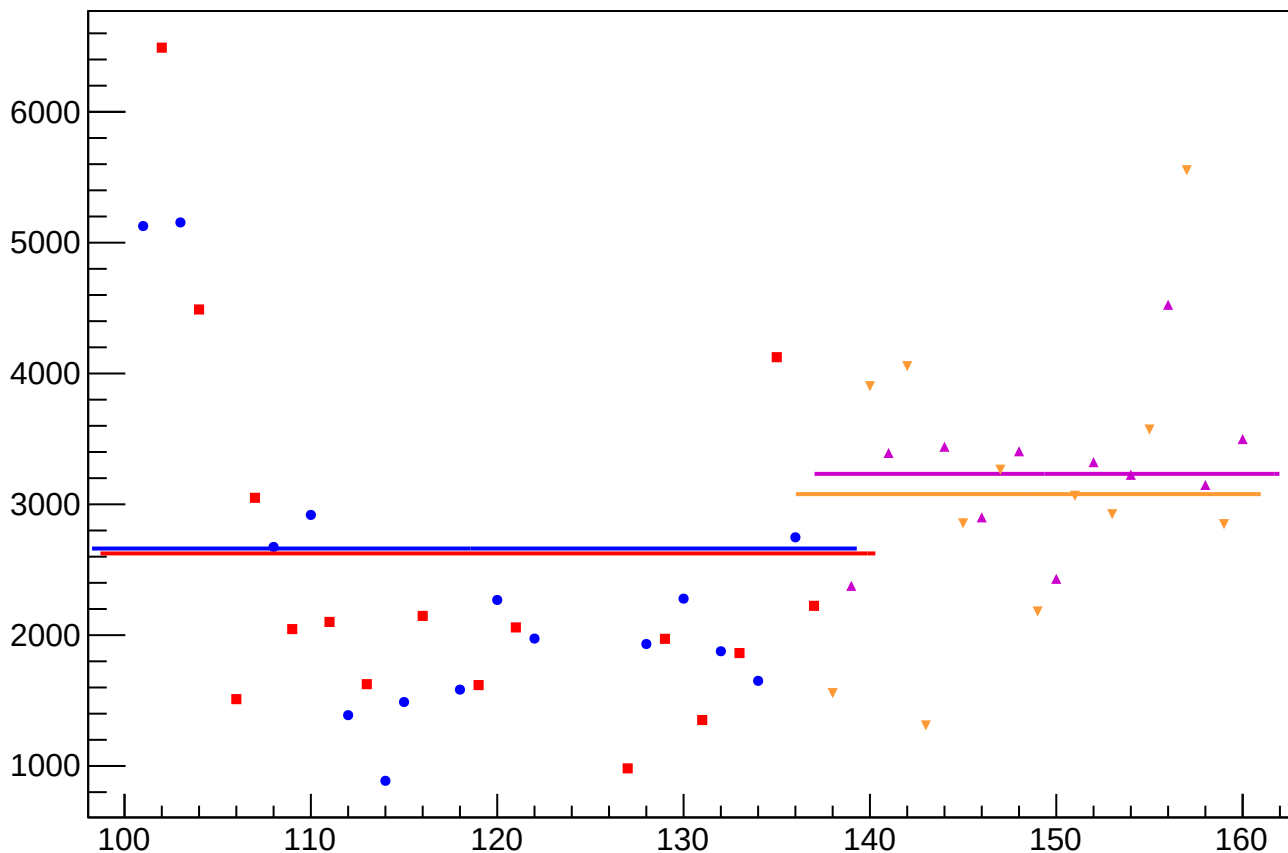
dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000	χ^2/NDF : 254521784097258654723607522631742465769472.0/14
Left Out: 115448.893+/-0.000	χ^2/NDF : 1038801657464811255416211206986838896017408.0/11
Right Out: 78815.832+/-0.000	χ^2/NDF : 286076919217811099434470442231998185472000.0/15
Left In: 130346.244+/-0.000	χ^2/NDF : 148174871015439819820100459279999278514176.0/10

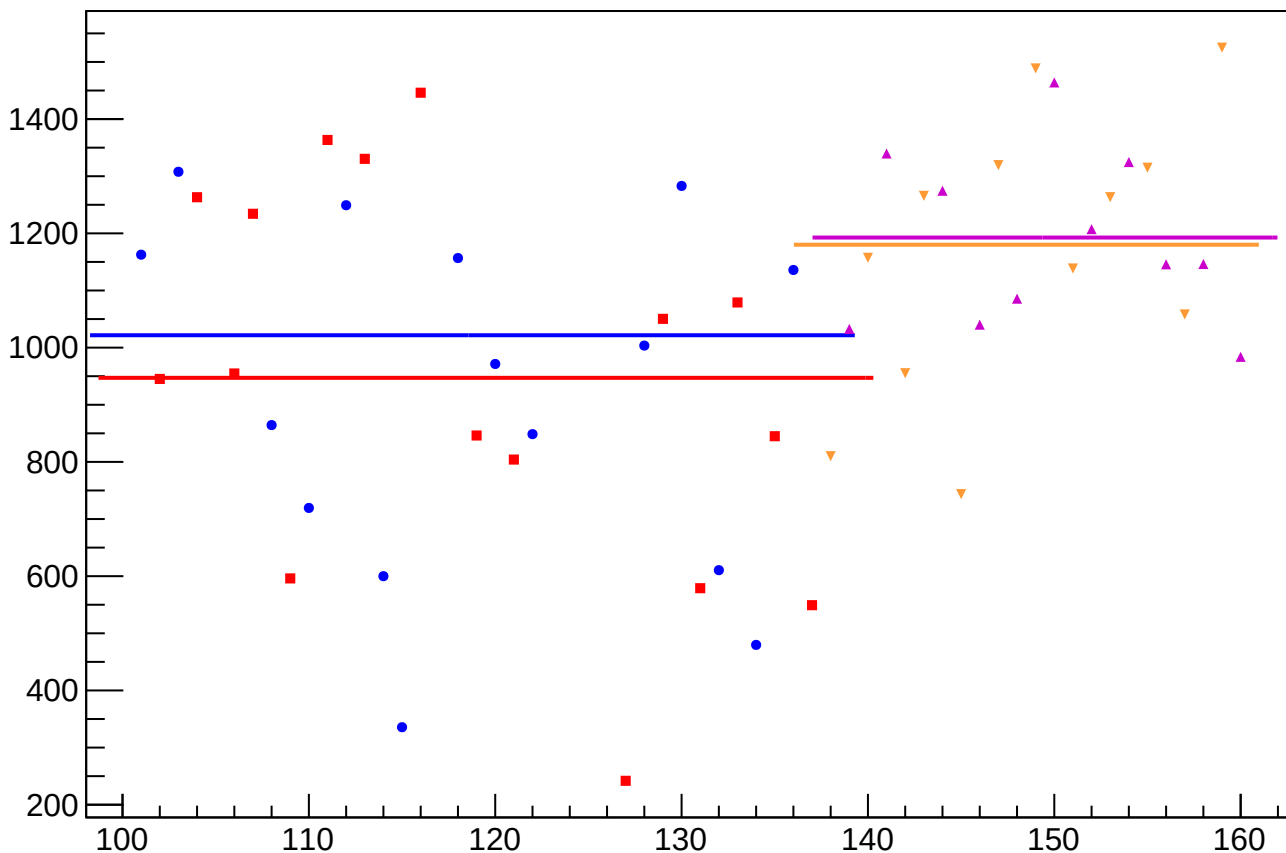
+ sign 100772.113+/-0.000 χ^2/NDF : 176748026895
 All: 104792.930+/-0.000 χ^2/NDF : 328044500
 - sign 108742.985+/-0.000 χ^2/NDF : 146287150012

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 3077.945+/-0.000 χ^2/NDF : 1073709891492389198093936322660595138560.0/11
 Right Out: 2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: 3232.879+/-0.000 χ^2/NDF : 275721007613891276741007240283331493888.0/10

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

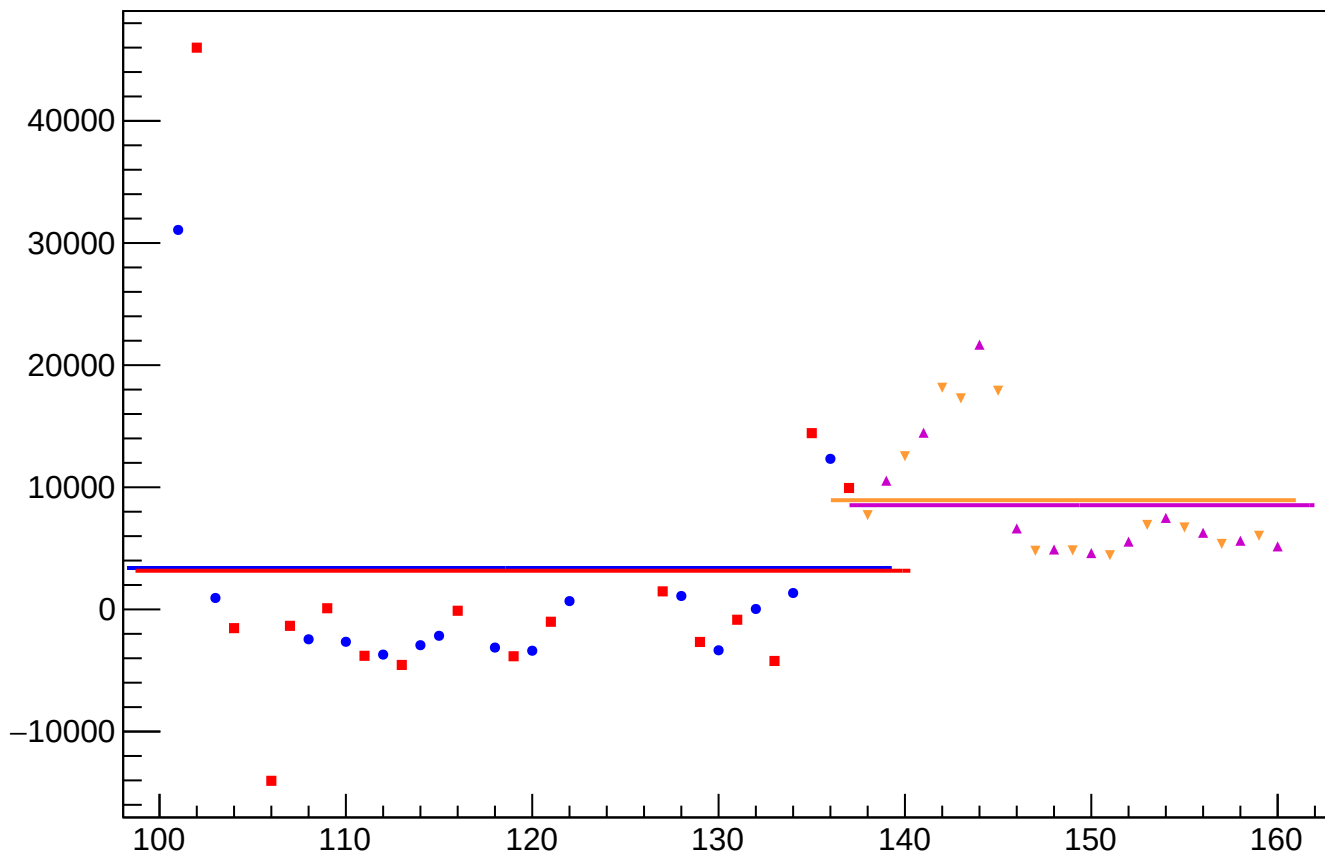
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

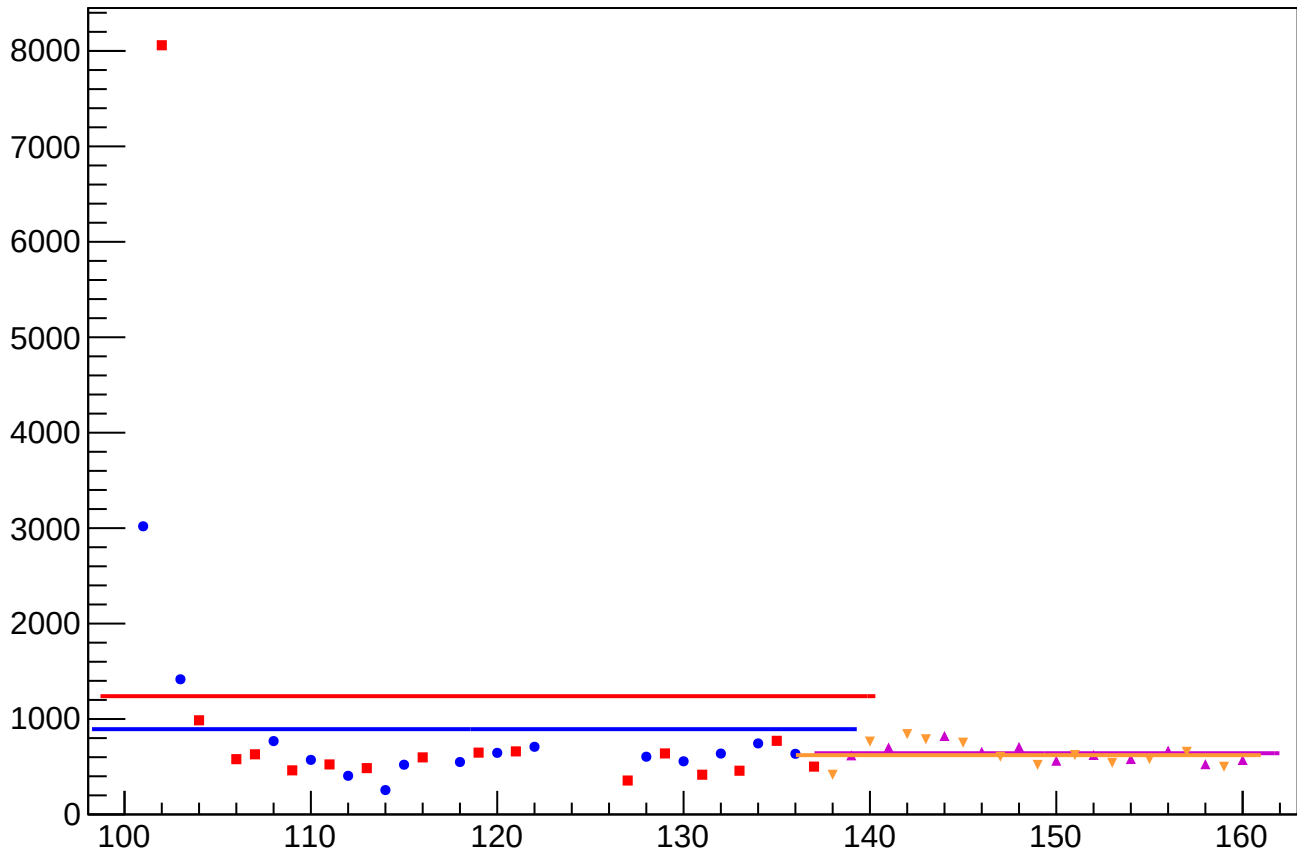
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8941.712+/-0.000 χ^2/NDF : 22757542723529976862924189628837264359424.0/11
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8532.821+/-0.000 χ^2/NDF : 24299515949380224586324737558095226470400.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 621.395+/-0.000 χ^2/NDF : 13220761349033595391183034930255888384.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

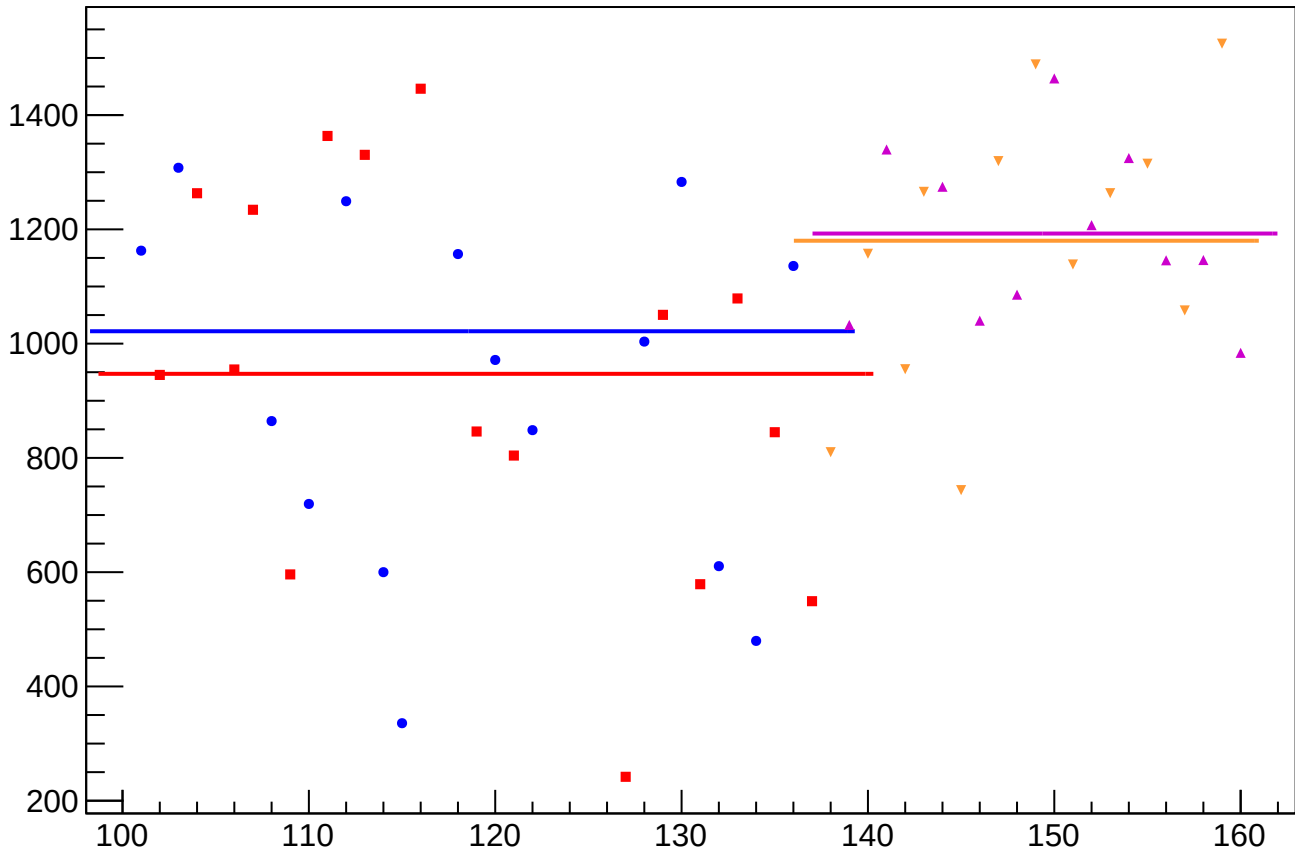
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

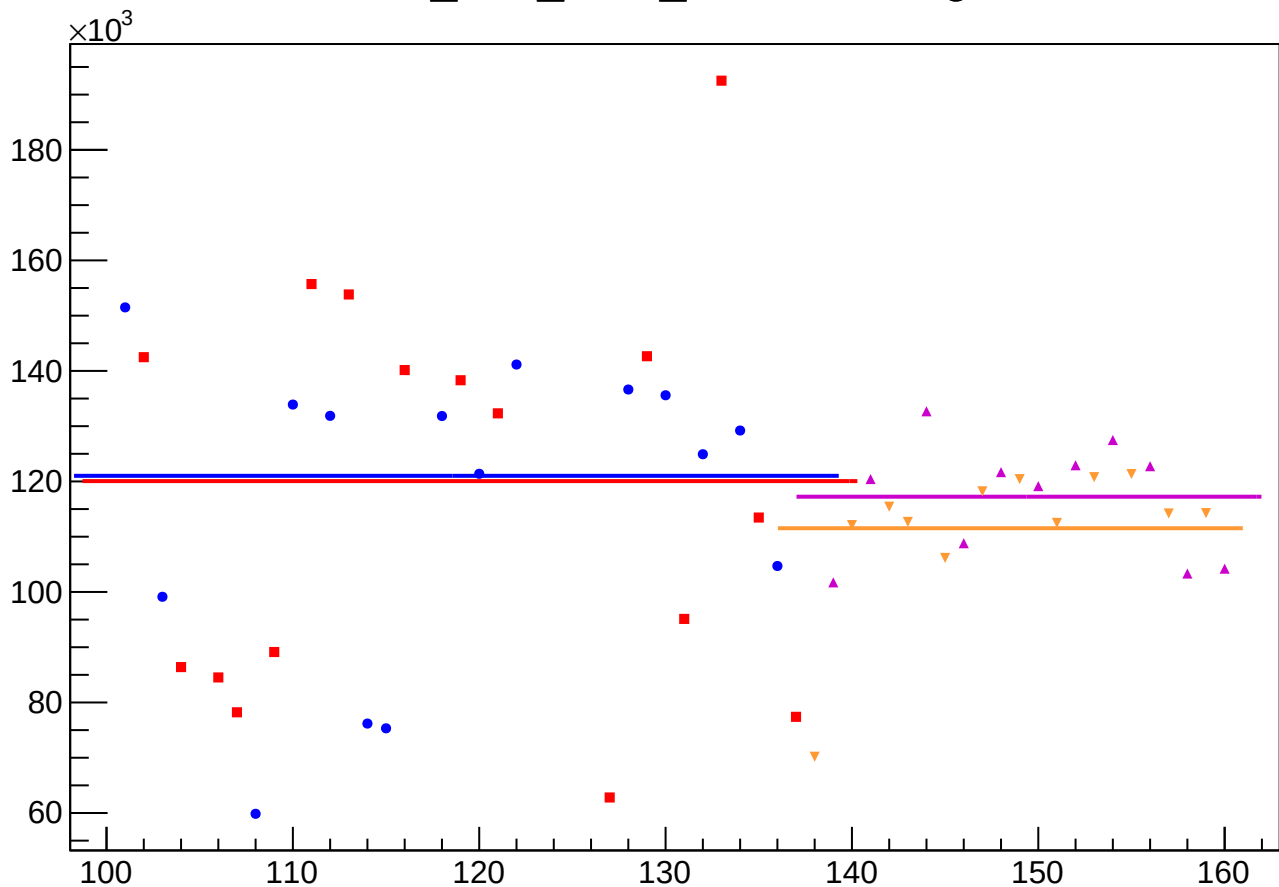
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



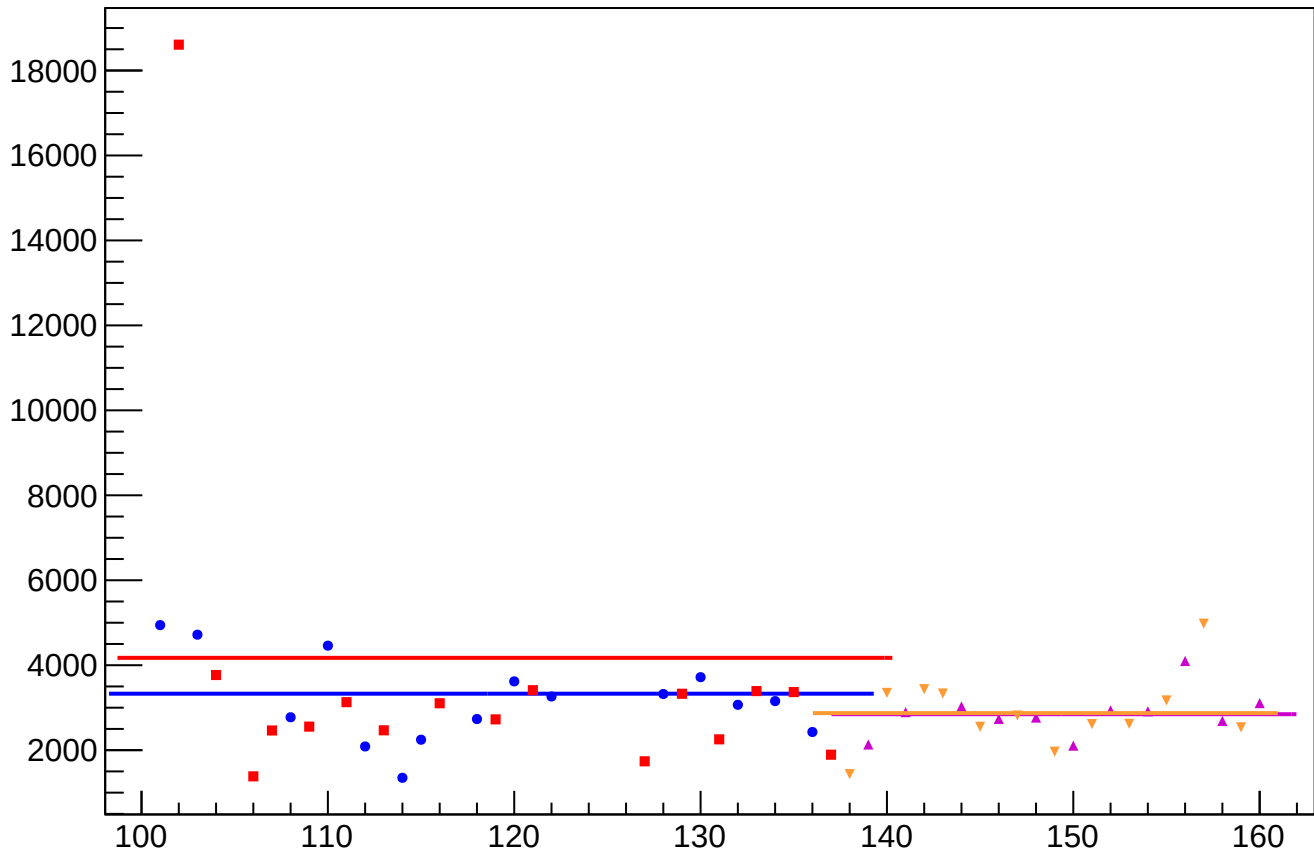
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_atr2_coil7_mean vs Slug



Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 111531.681 $\pm$ 0.000 χ^2 /NDF: 162724299829921950370834246417372913074176.0/11
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 117237.465 $\pm$ 0.000 χ^2 /NDF: 92299527706158063096544434206678792011776.0/10

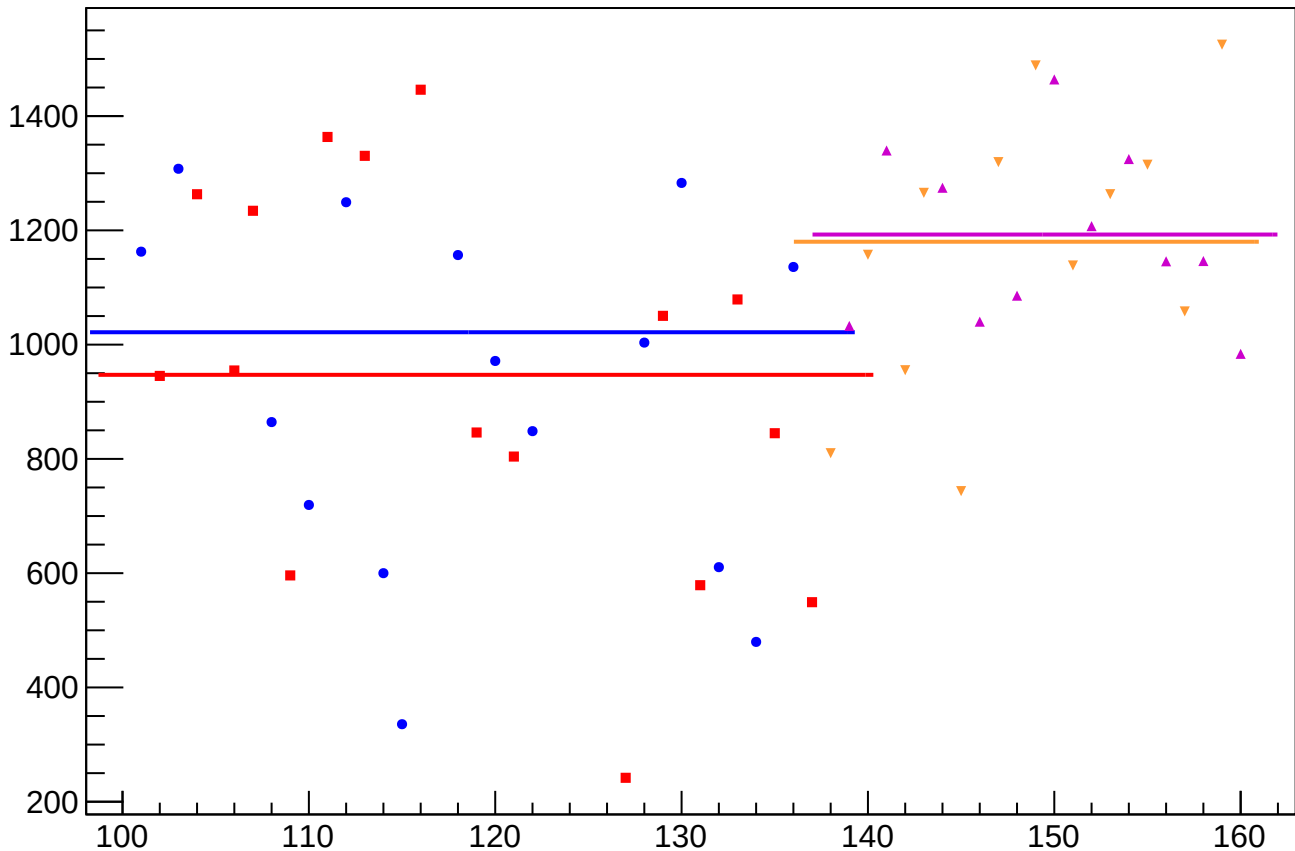
dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000	χ^2/NDF : 567034774398456376227526824513721335808.0/14
Left Out: 2872.567+/-0.000	χ^2/NDF : 662883582778902790585902196636778496000.0/11
Right Out: 4173.434+/-0.000	χ^2/NDF : 13498246551537992400095003154682468106240.0/15
Left In: 2846.559+/-0.000	χ^2/NDF : 229557109736682123603885764134616170496.0/10

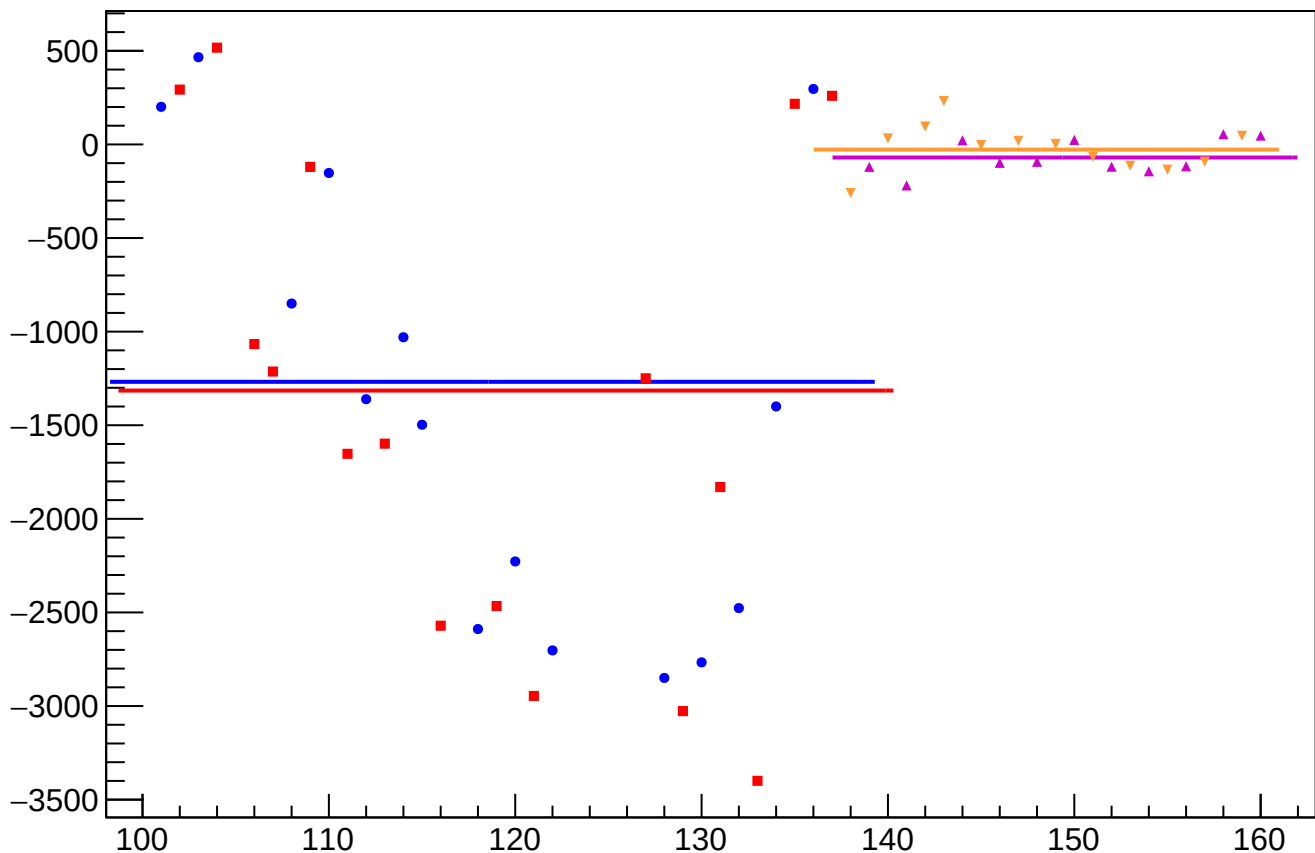
+ sign 3062.293+/-0.000 χ^2/NDF : 13091528183331
 All: 3234.072+/-0.000 χ^2/NDF : 15810392876
 - sign 3402.829+/-0.000 χ^2/NDF : 14409809055061

dit_atr2_coil7_Ndata_mean vs Slug



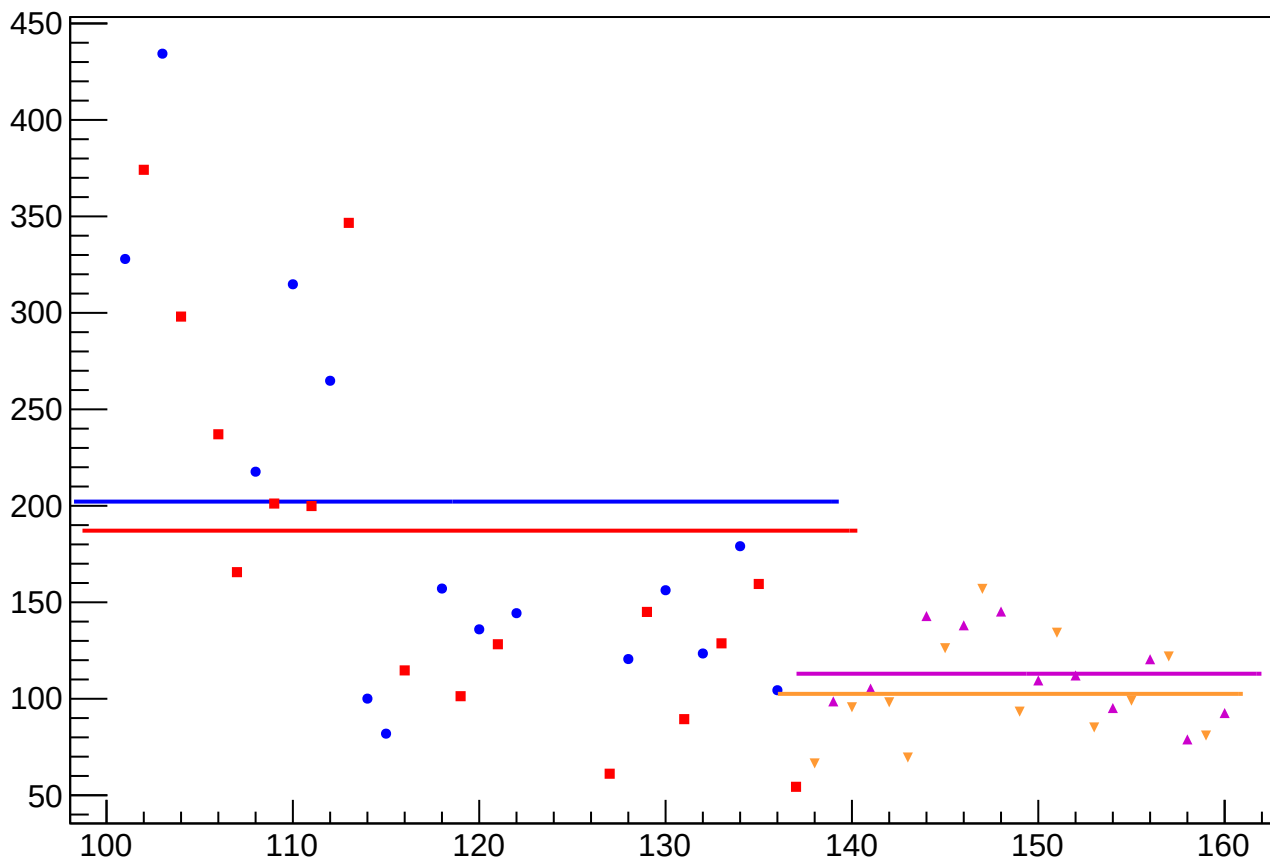
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Left Out: -27.745+/-0.000 χ^2/NDF : 12401866293776389782406733193877127168.0/11
 Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Left In: -69.887+/-0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191 $\pm$ 0.000 χ^2 /NDF: 7027941052752849066369040650615128064.0/14

Left Out: 102.547 $\pm$ 0.000 χ^2 /NDF: 631914374783938330949359707000668160.0/11

Right Out: 187.126 $\pm$ 0.000 χ^2 /NDF: 6230029491605524746936515809941389312.0/15

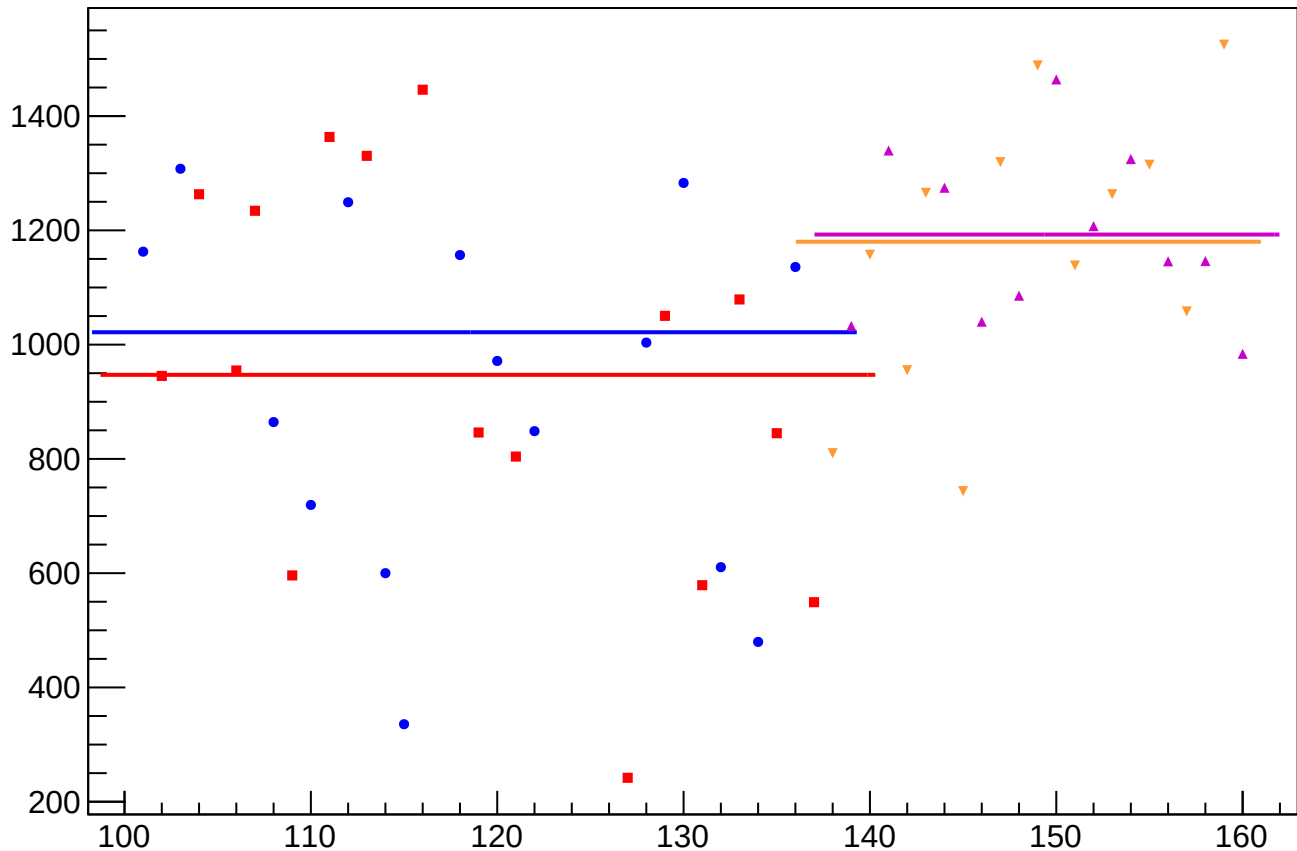
Left In: 112.981 $\pm$ 0.000 χ^2 /NDF: 399082569166702797505998561799569408.0/10

+ sign 143.922 $\pm$ 0.000 χ^2 /NDF: 114280634979740

All: 143.994 $\pm$ 0.000 χ^2 /NDF: 20186723766

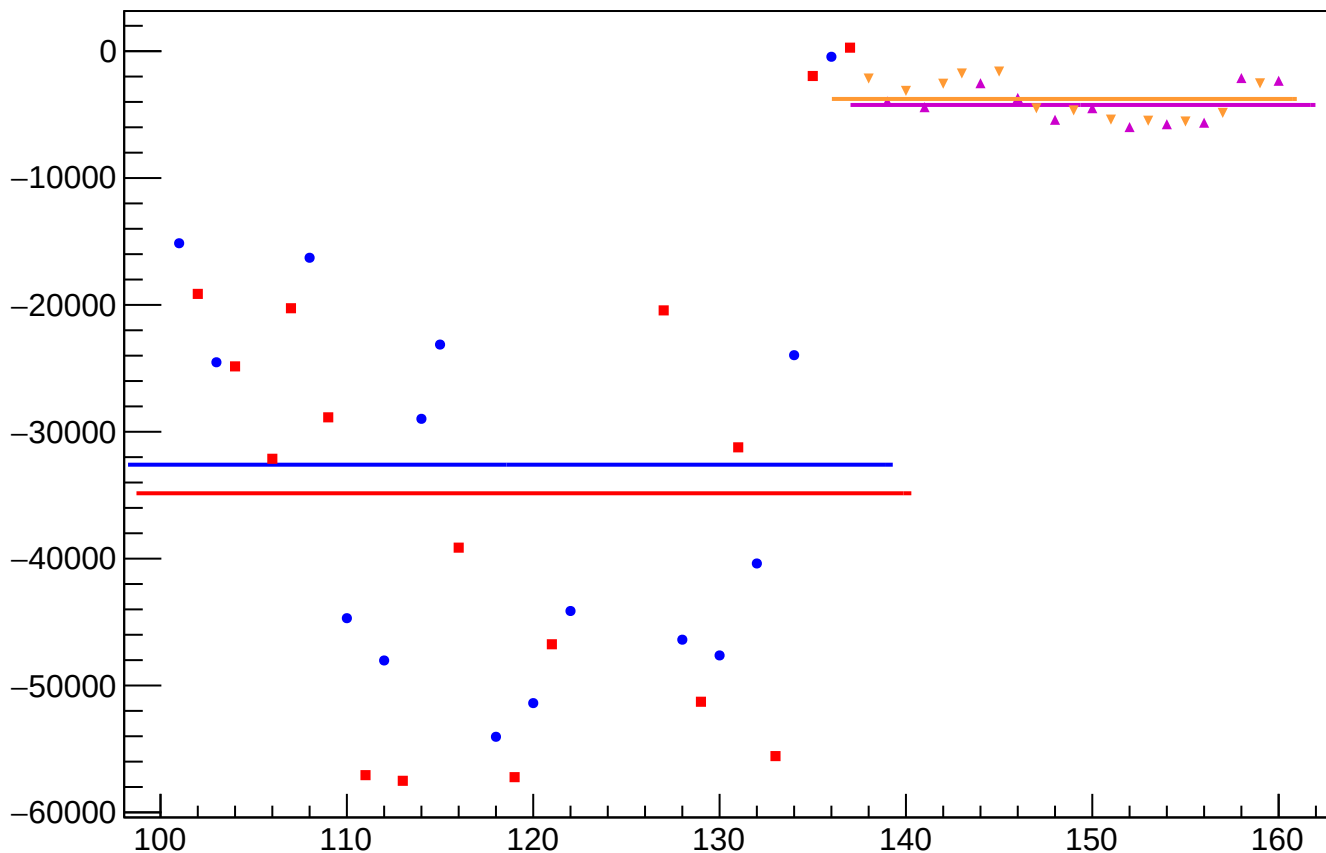
- sign 144.065 $\pm$ 0.000 χ^2 /NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



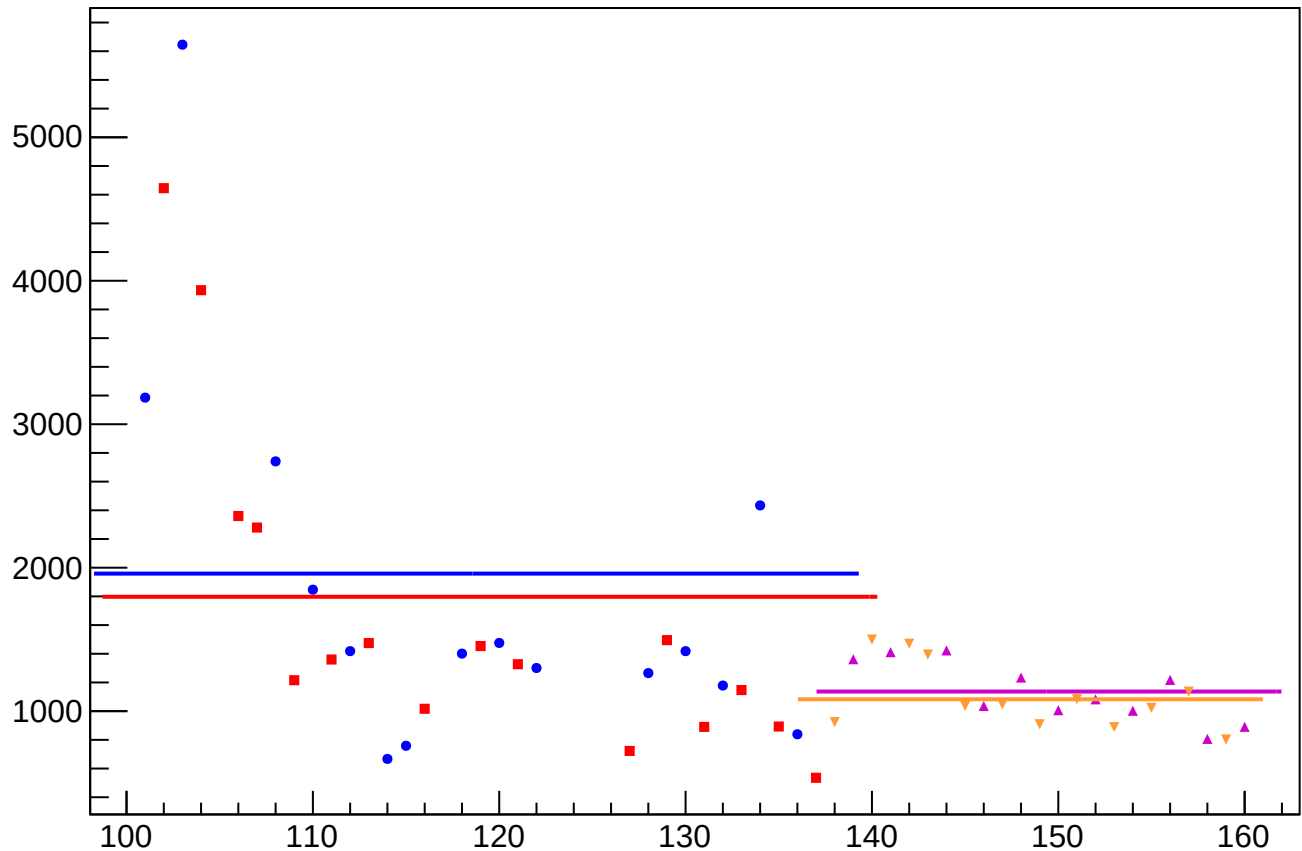
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam2_coil7_mean vs Slug



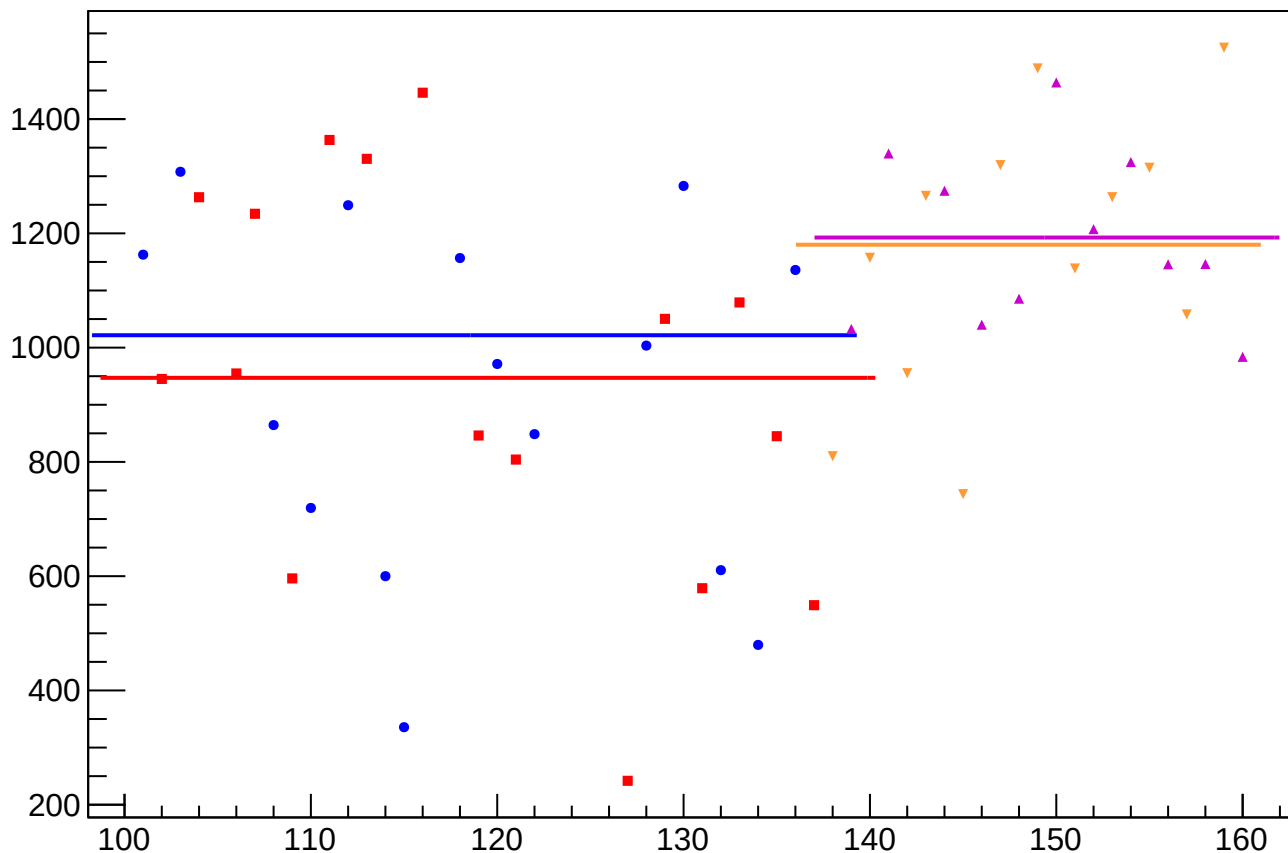
Right In: -32594.962+/-0.000 χ^2 /NDF: 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764+/-0.000 χ^2 /NDF: 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046+/-0.000 χ^2 /NDF: 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758+/-0.000 χ^2 /NDF: 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-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: 67784656011936521511169668028018196480.0/15

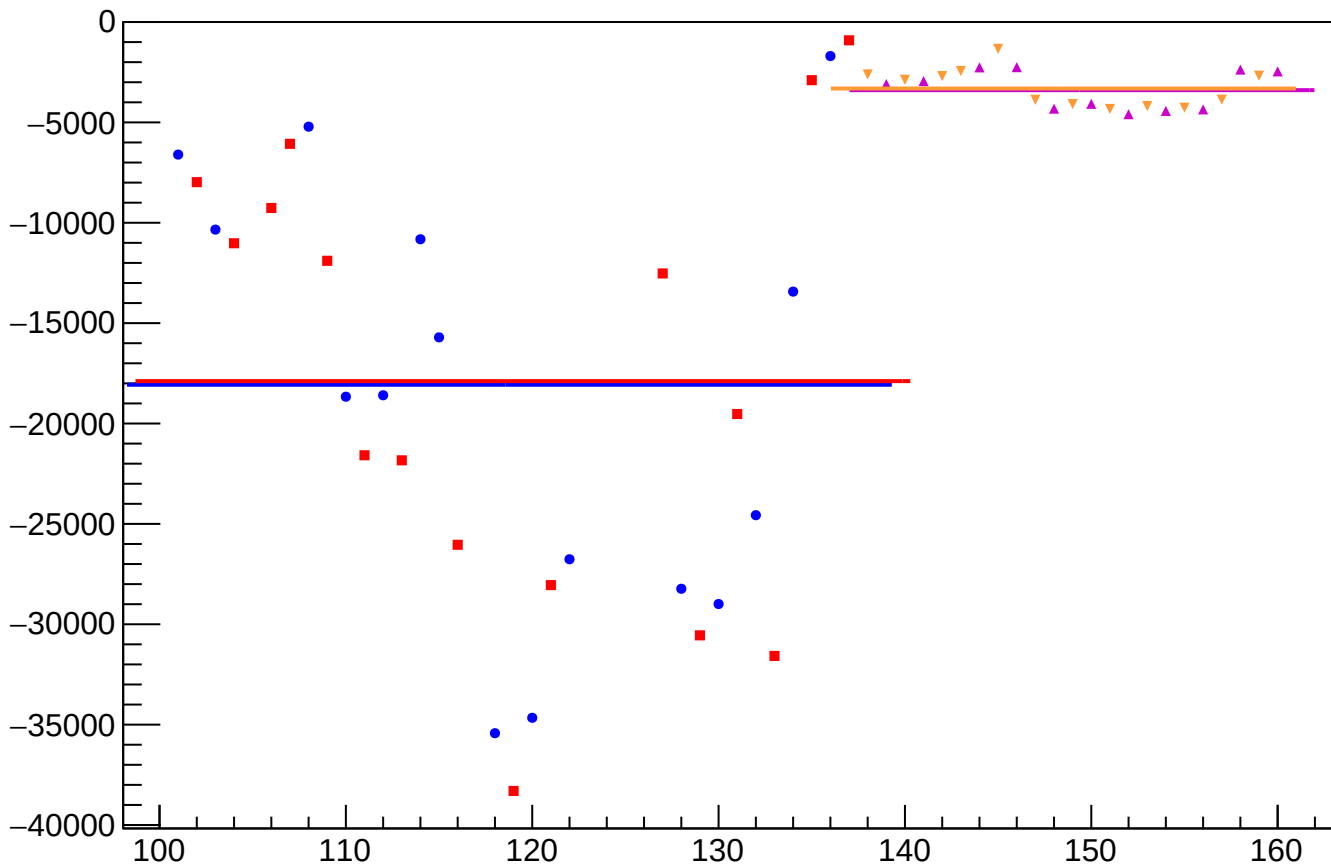
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

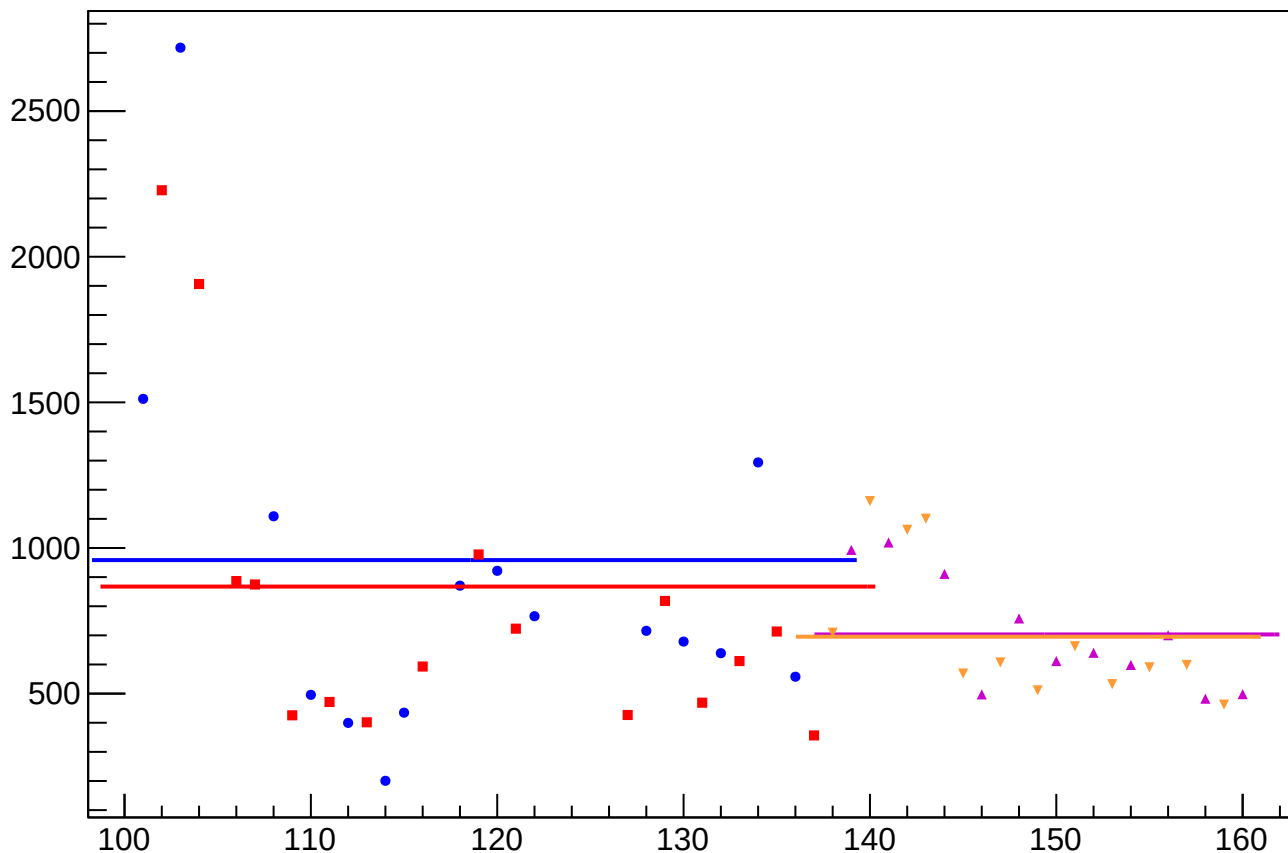
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_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



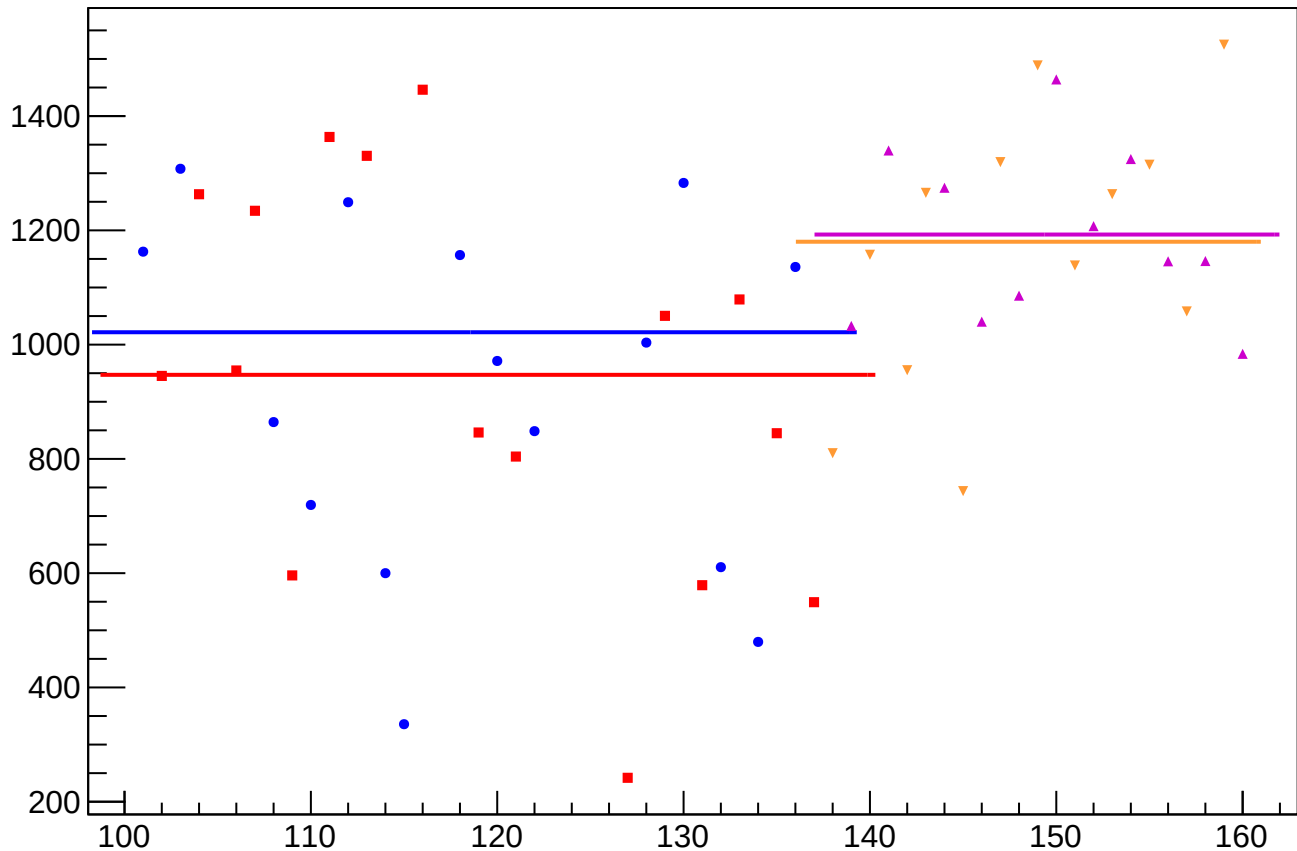
Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

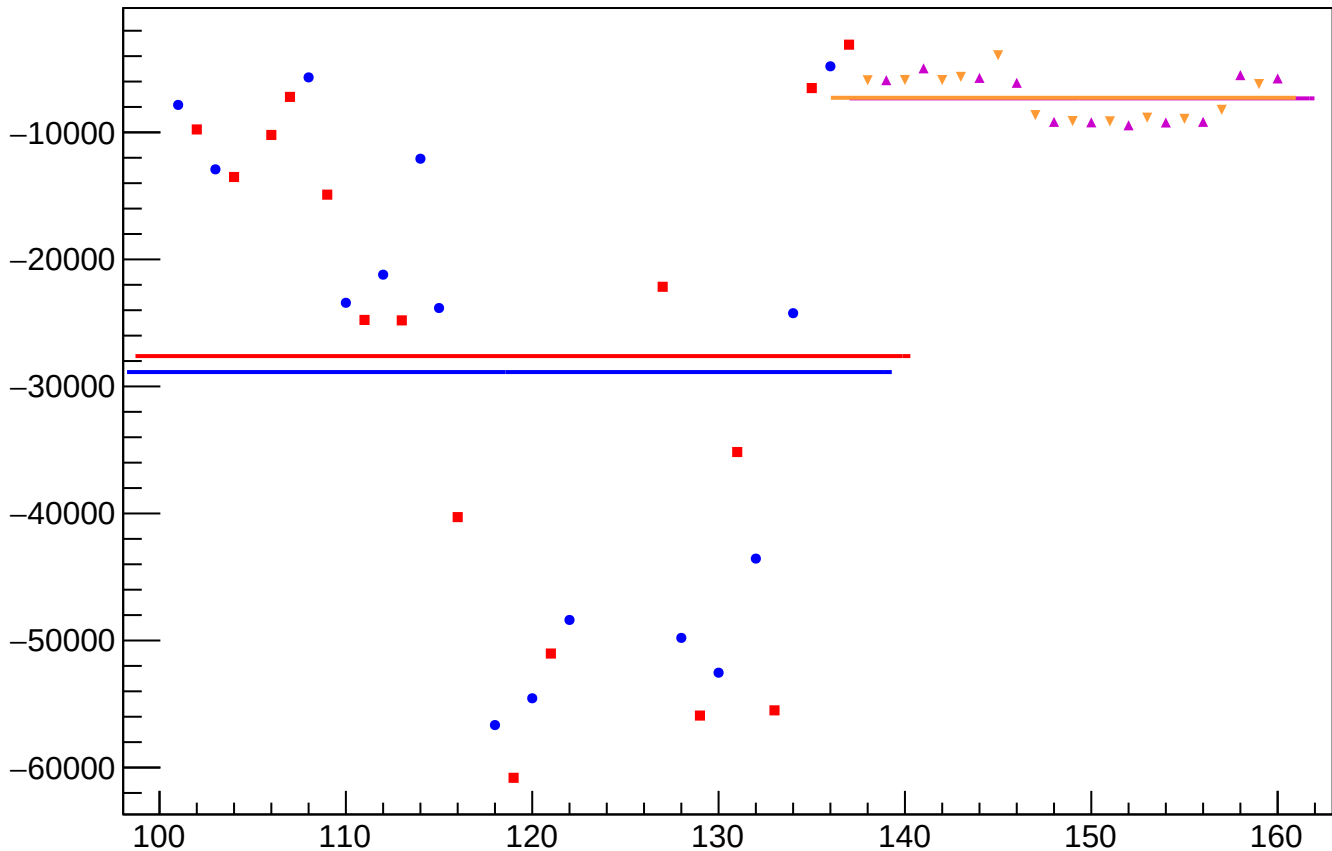
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

dit_sam3_coil7_Ndata_mean vs Slug



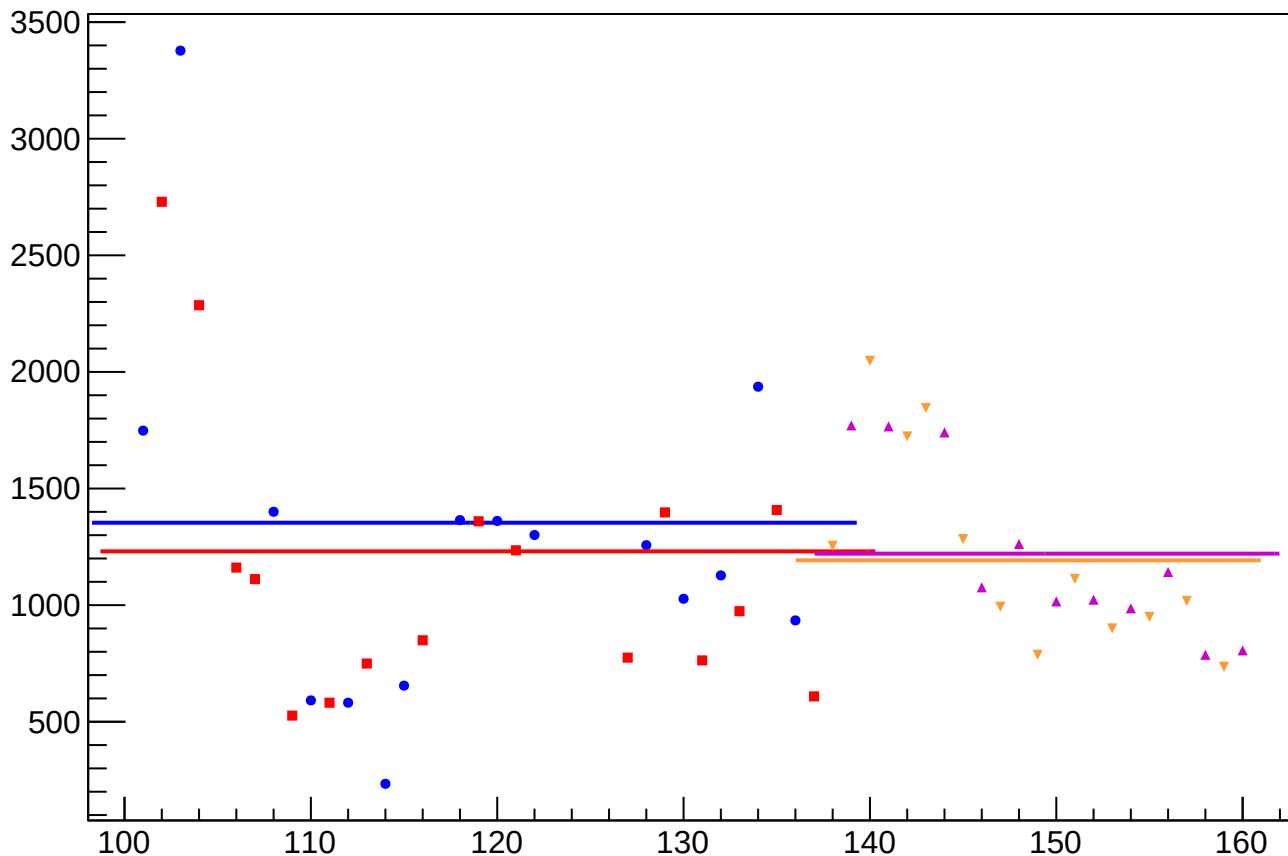
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7277.886+/-0.000 χ^2/NDF : 2738867305918098068317388239234104557568.0/11
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10

dit_sam4_coil7_err_mean vs Slug



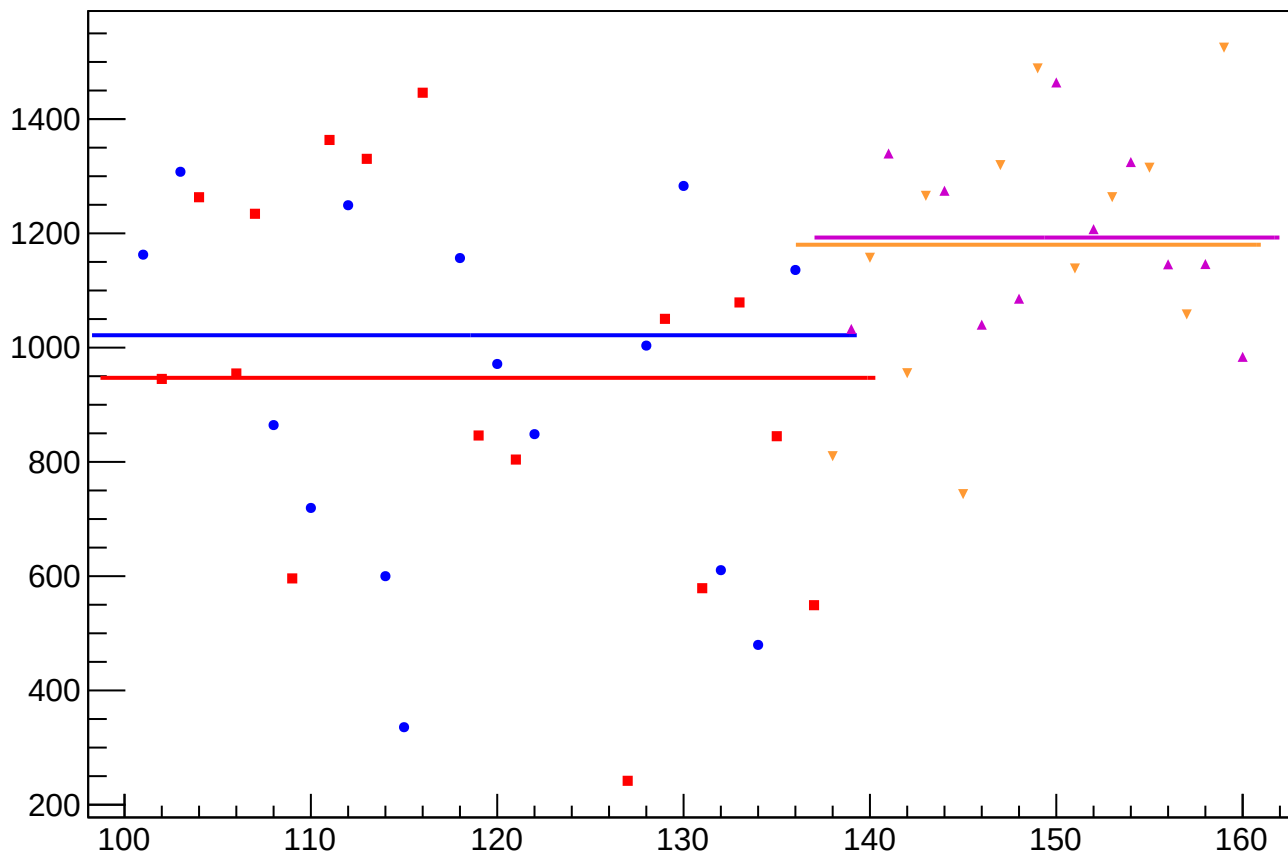
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1192.275+/-0.000 χ^2/NDF : 150893742871936420702627399426239365120.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

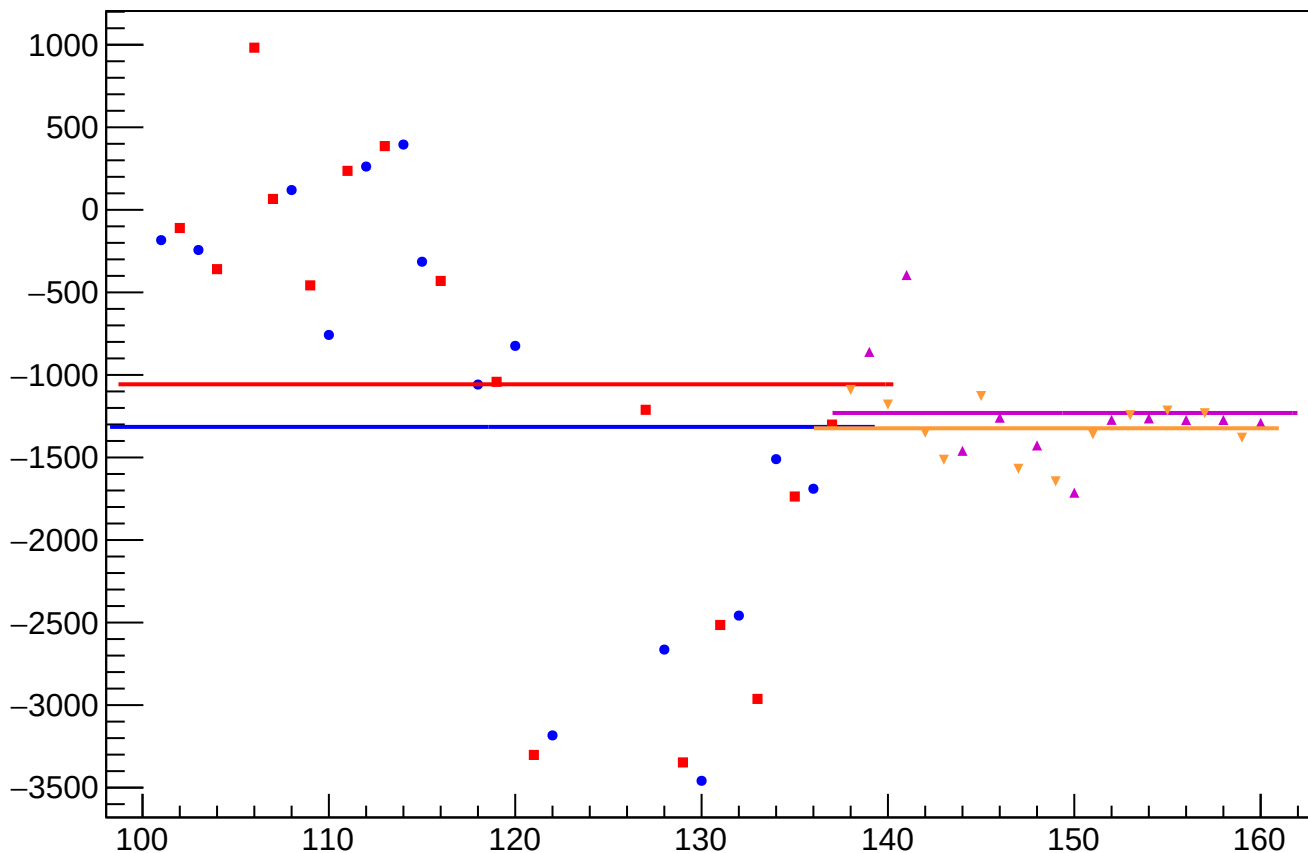
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

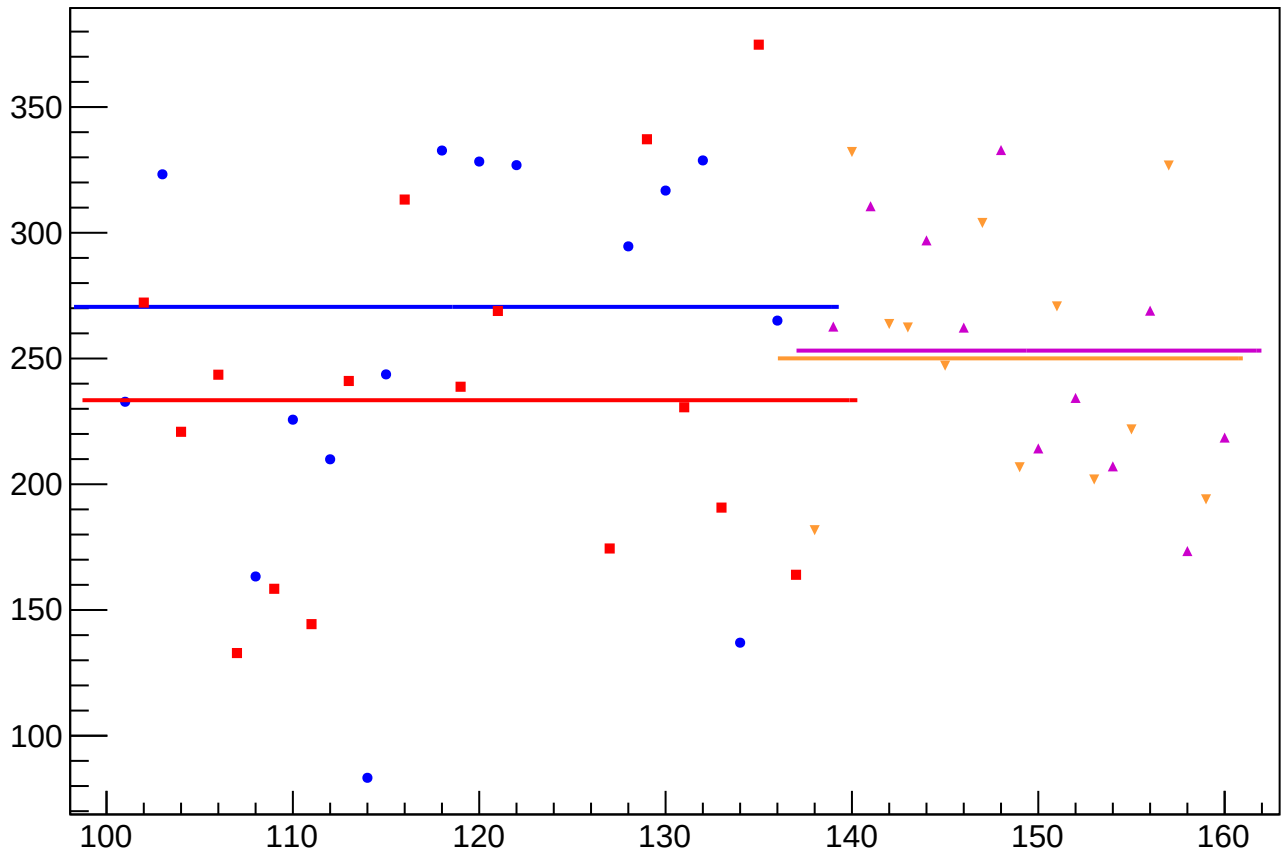
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam5_coil7_mean vs Slug



Right In: -1314.782 $\pm$ 0.000 χ^2 /NDF: 966082368518203481544021644405645508608.0/14
 Left Out: -1323.142 $\pm$ 0.000 χ^2 /NDF: 27180584789293911694803613303409999872.0/11
 Right Out: -1056.765 $\pm$ 0.000 χ^2 /NDF: 1127141594187417021949832477353286041600.0/15
 Left In: -1230.430 $\pm$ 0.000 χ^2 /NDF: 100431691068850056086409132460520505344.0/10

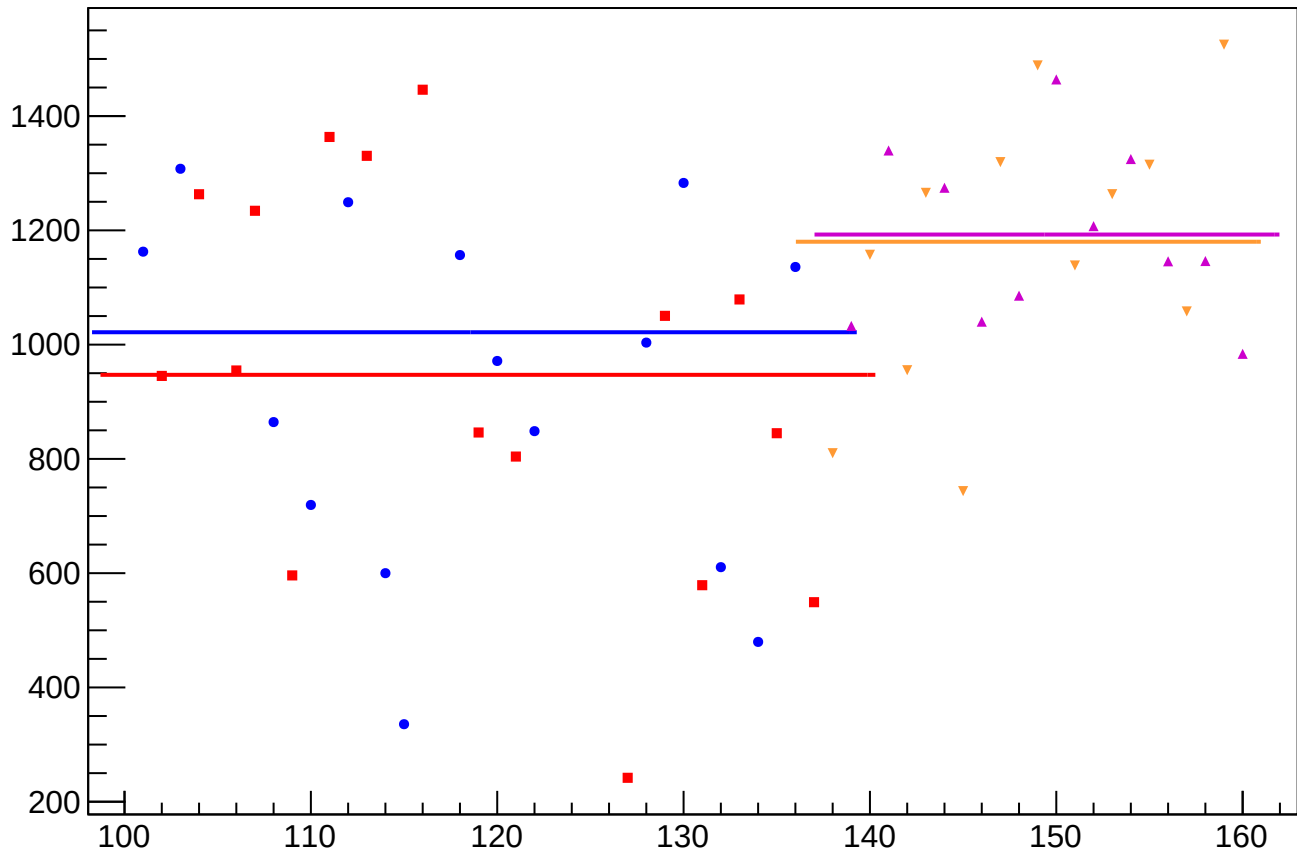
dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 250.055+/-0.000	χ^2/NDF : 2329396041694824766683600755668025344.0/11
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 253.145+/-0.000	χ^2/NDF : 1980196841930298045035907903943344128.0/10

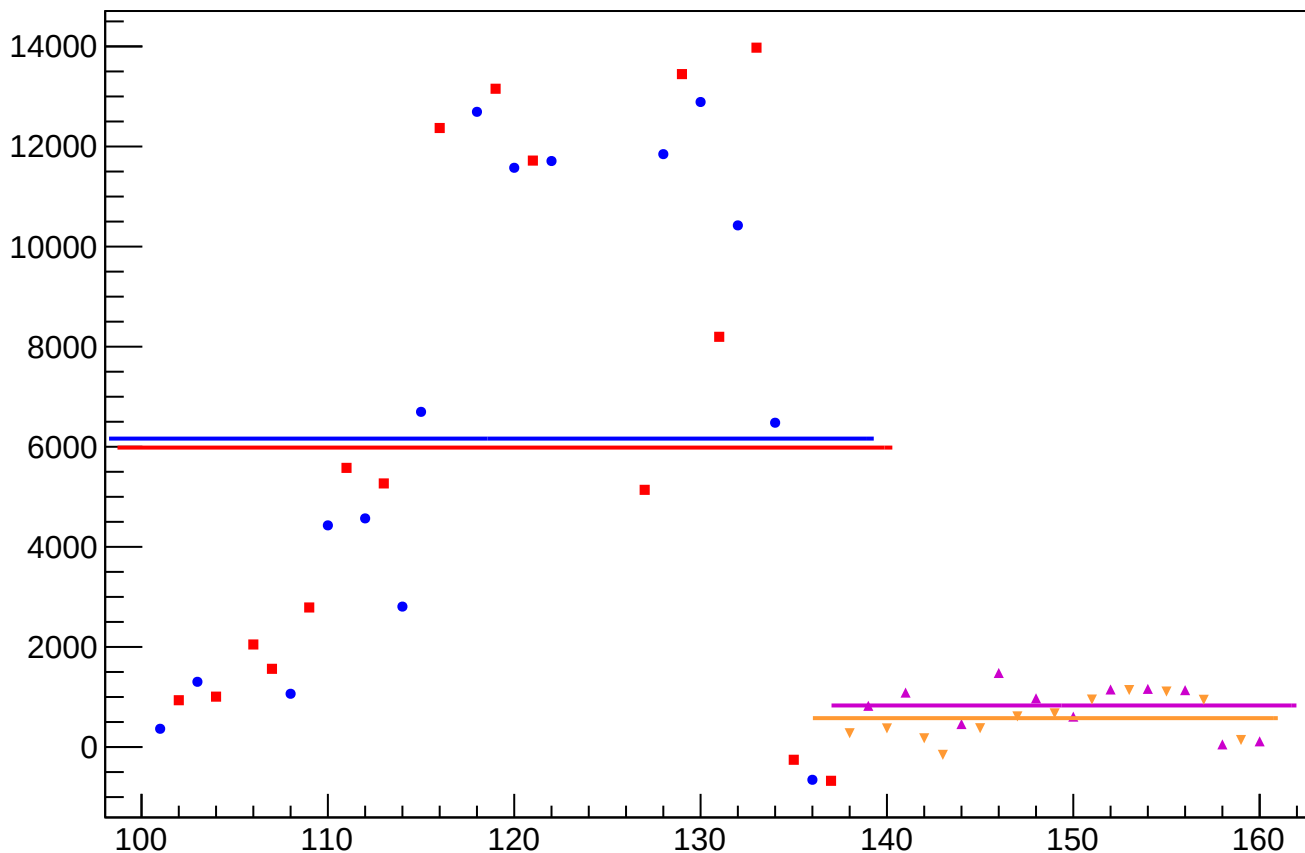
+ sign 258.560+/-0.000 χ^2/NDF : 496246110495273
 All: 251.658+/-0.000 χ^2/NDF : 10289533435
 - sign 244.876+/-0.000 χ^2/NDF : 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



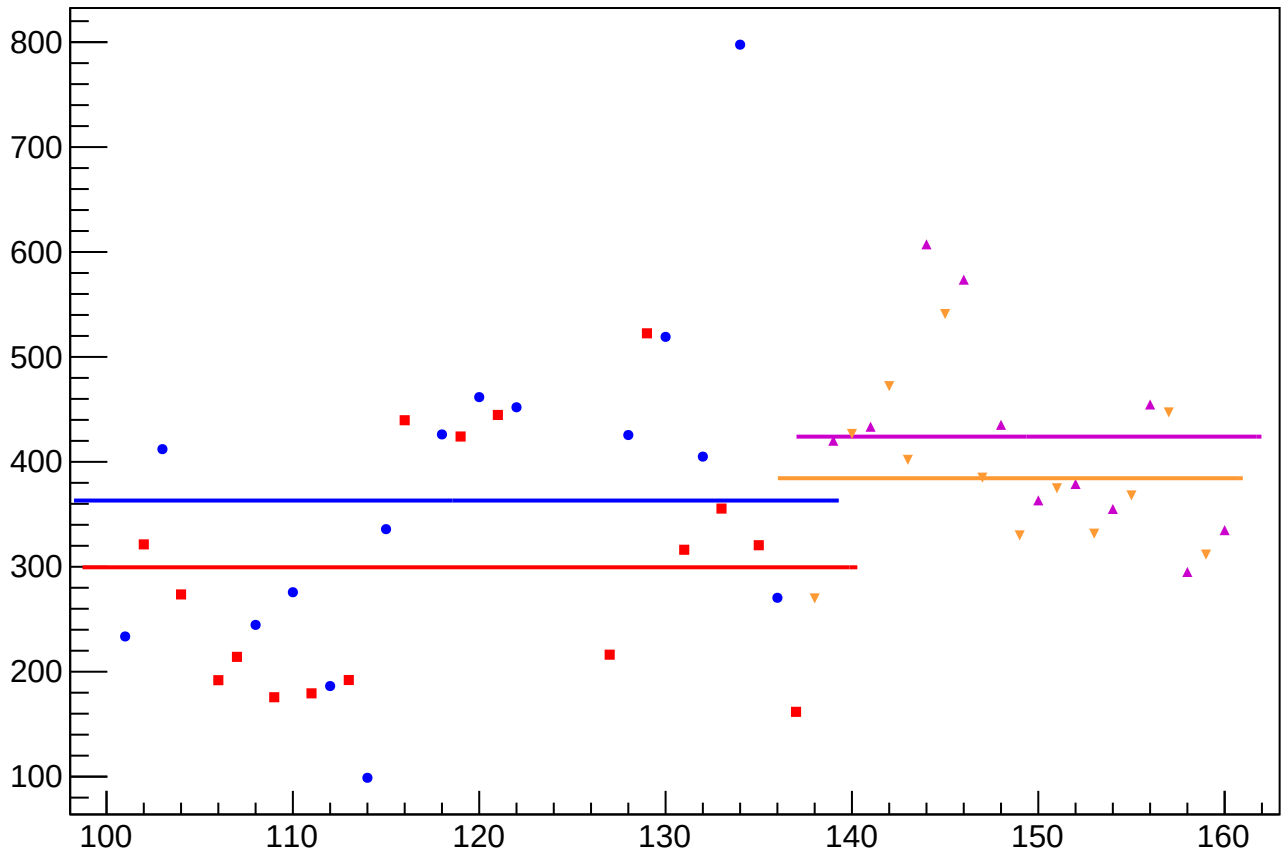
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 577.285+/-0.000 χ^2/NDF : 143964932817712353720884813497116917760.0/11
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10

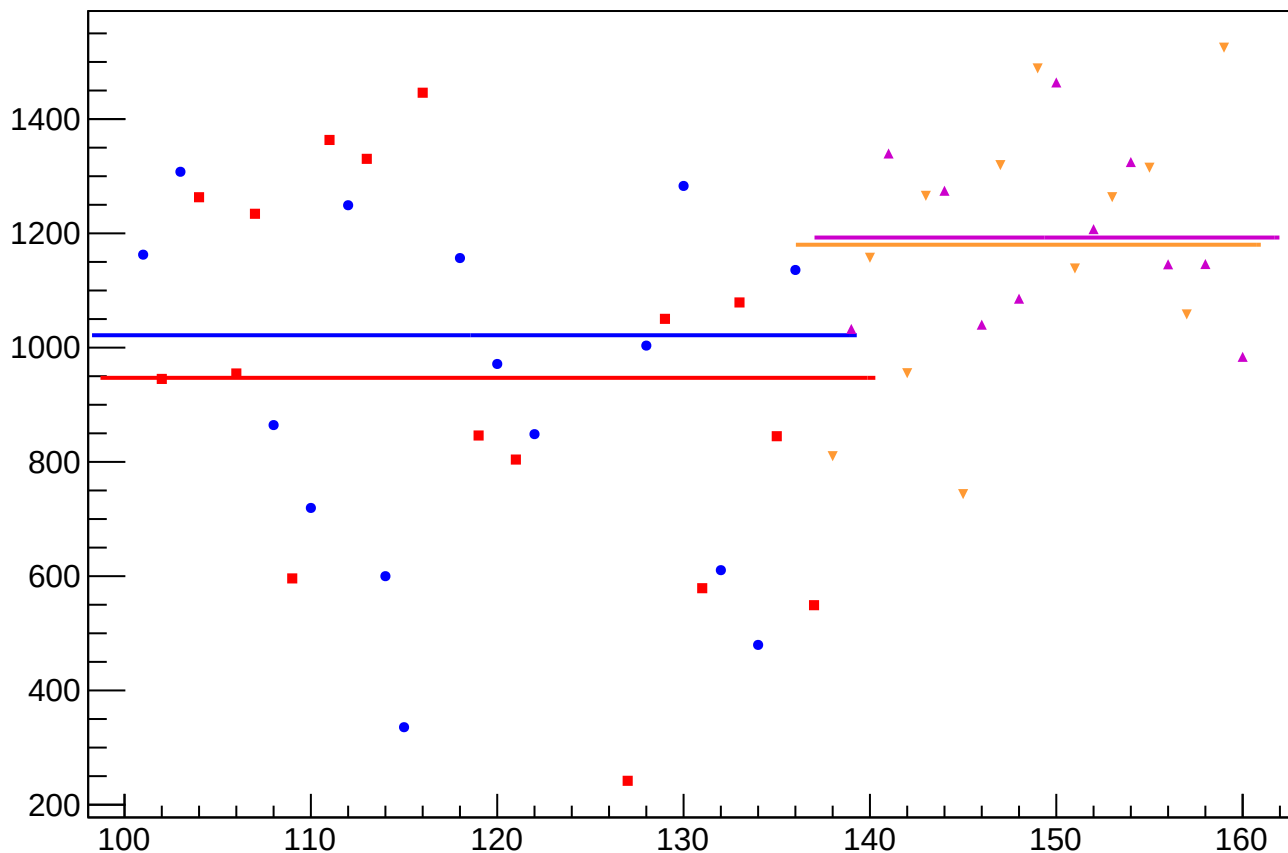
dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000	χ^2/NDF : 11502791697076456426435998277995331584.0/14
Left Out: 384.397+/-0.000	χ^2/NDF : 4703352228141784942428920611126378496.0/11
Right Out: 299.514+/-0.000	χ^2/NDF : 7685497318744225218354652828984672256.0/15
Left In: 424.034+/-0.000	χ^2/NDF : 7812894231718086106241094868881375232.0/10

+ sign 375.568+/-0.000 χ^2/NDF : 163777394222651
 All: 373.683+/-0.000 χ^2/NDF : 37893357873
 - sign 371.831+/-0.000 χ^2/NDF : 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

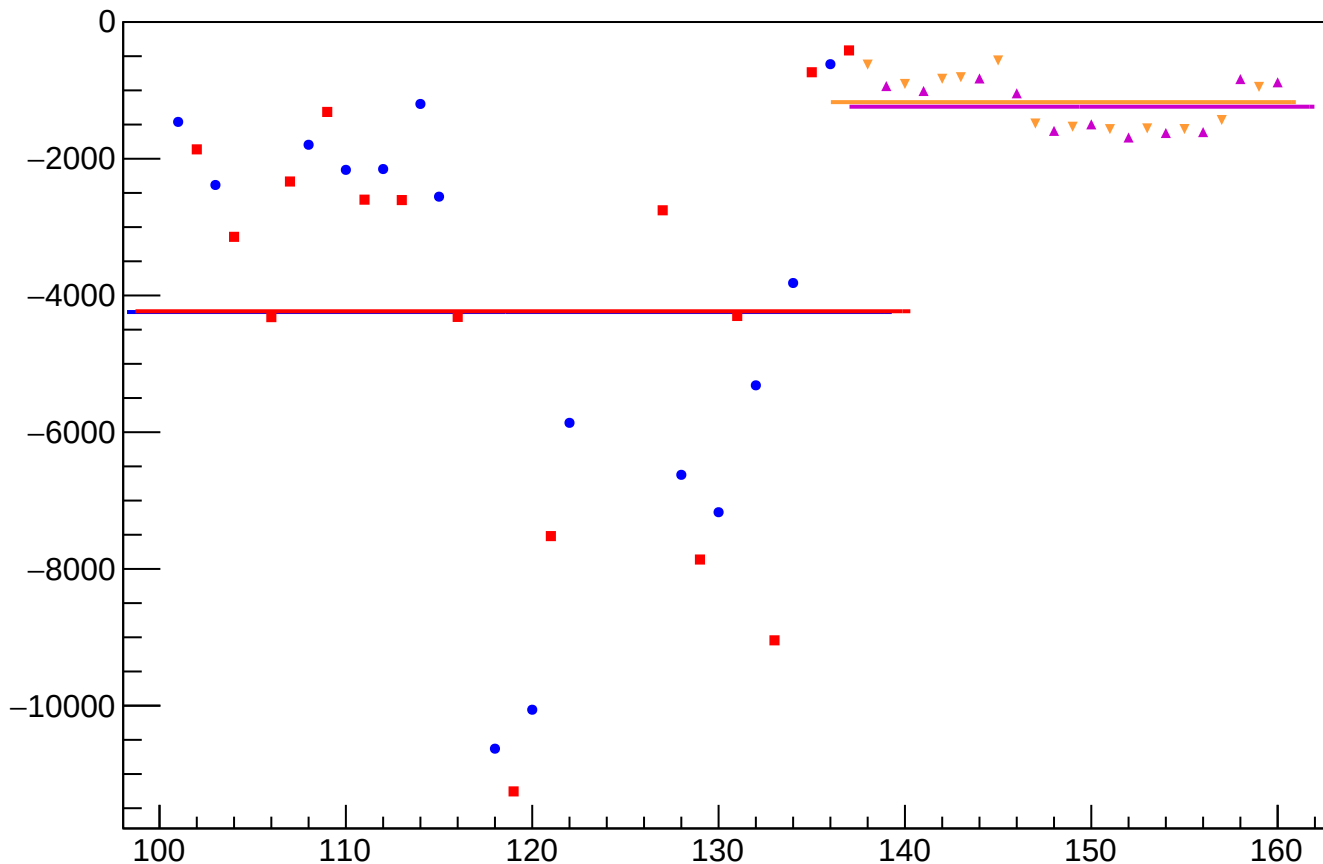
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

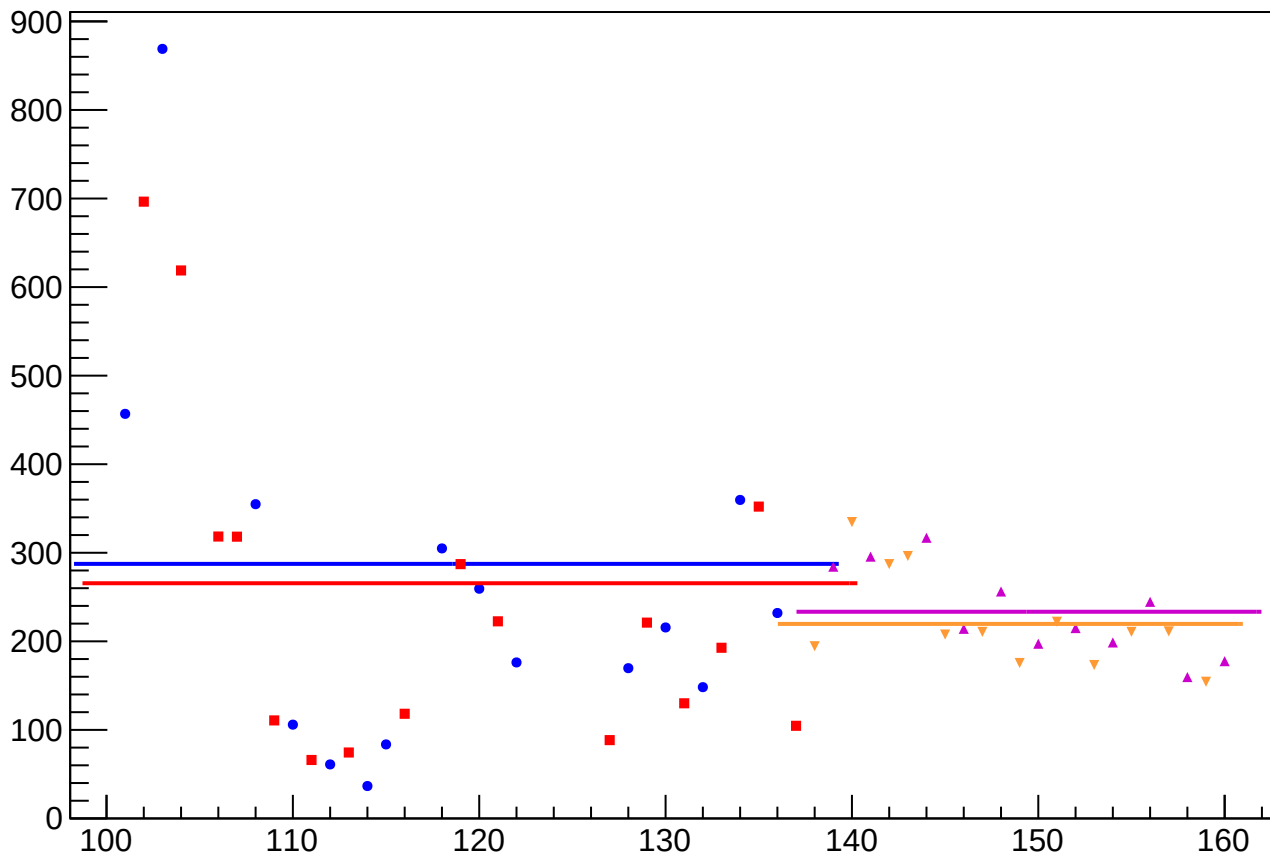
dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000	χ^2/NDF : 6783472272174151371145601081742110752768.0/14
Left Out: -1171.784+/-0.000	χ^2/NDF : 137401425112319786783295403719378599936.0/11
Right Out: -4230.978+/-0.000	χ^2/NDF : 6682409528103016752204343573740930465792.0/15
Left In: -1238.776+/-0.000	χ^2/NDF : 111339045659652616720712870833504124928.0/10

+ sign -2446.693+/-0.000 χ^2/NDF : 1049869951463
 All: -2470.156+/-0.000 χ^2/NDF : 2076239631
 - sign -2493.207+/-0.000 χ^2/NDF : 10261991032463

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF : 2455507522676926762328692419180101632.0/11

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

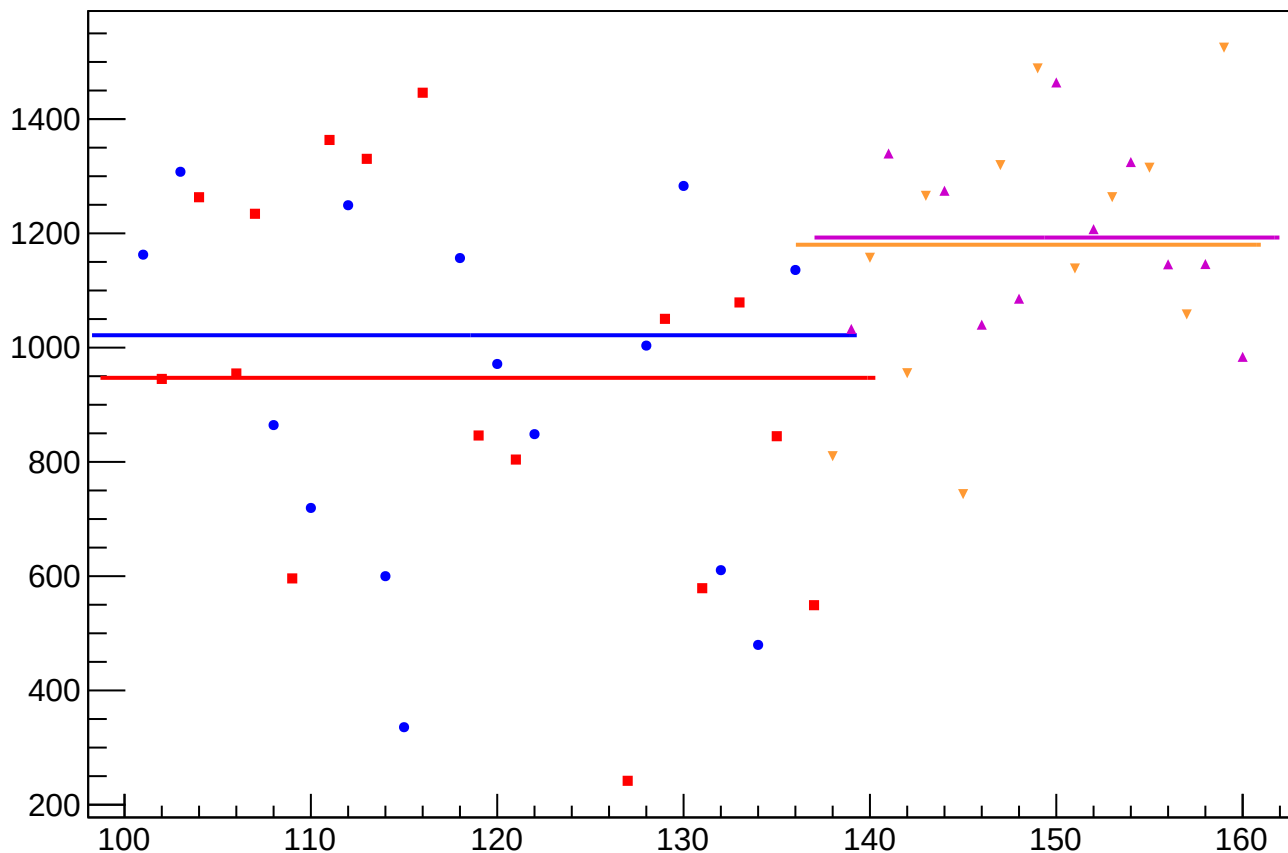
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.819+/-0.000 χ^2/NDF : 337165020245446

All: 247.353+/-0.000 χ^2/NDF : 621333161036

- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

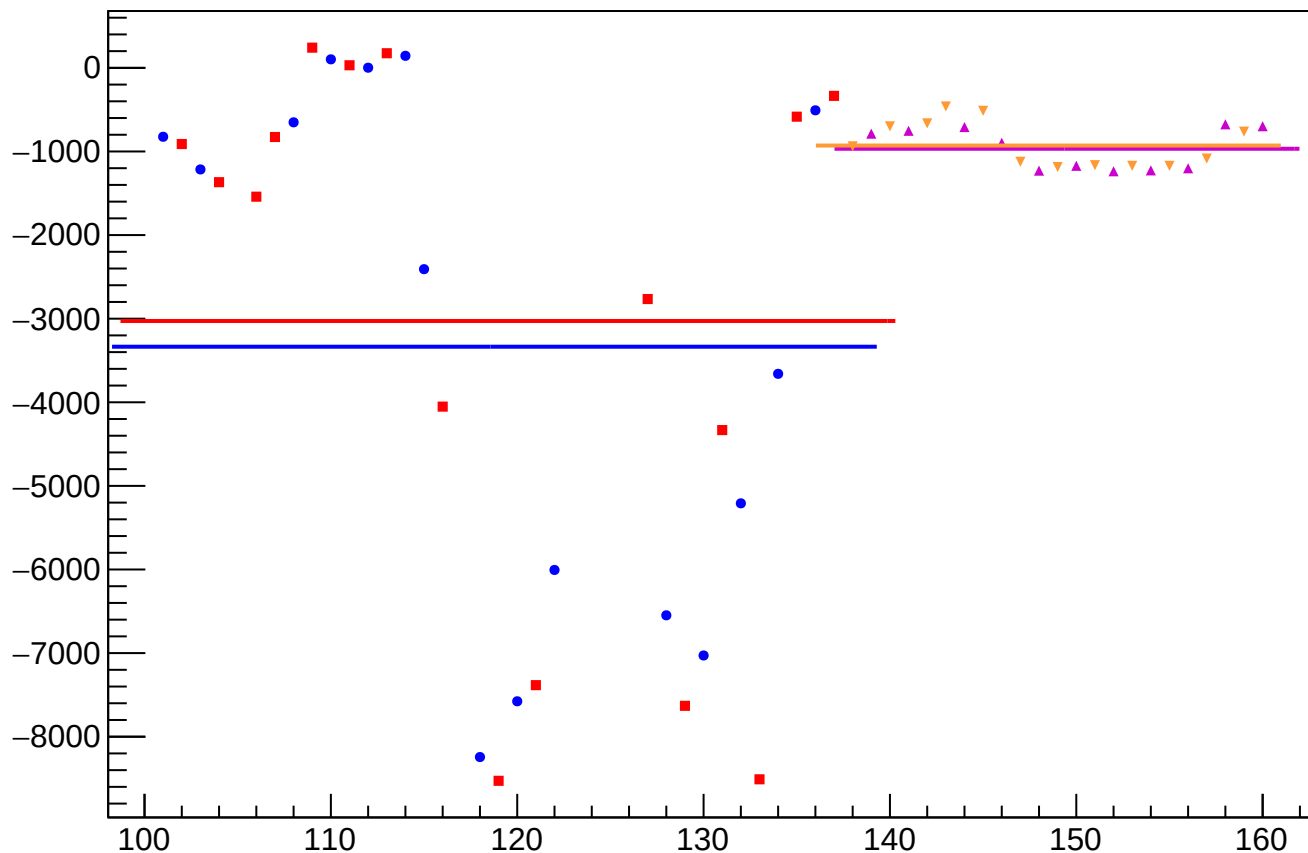
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

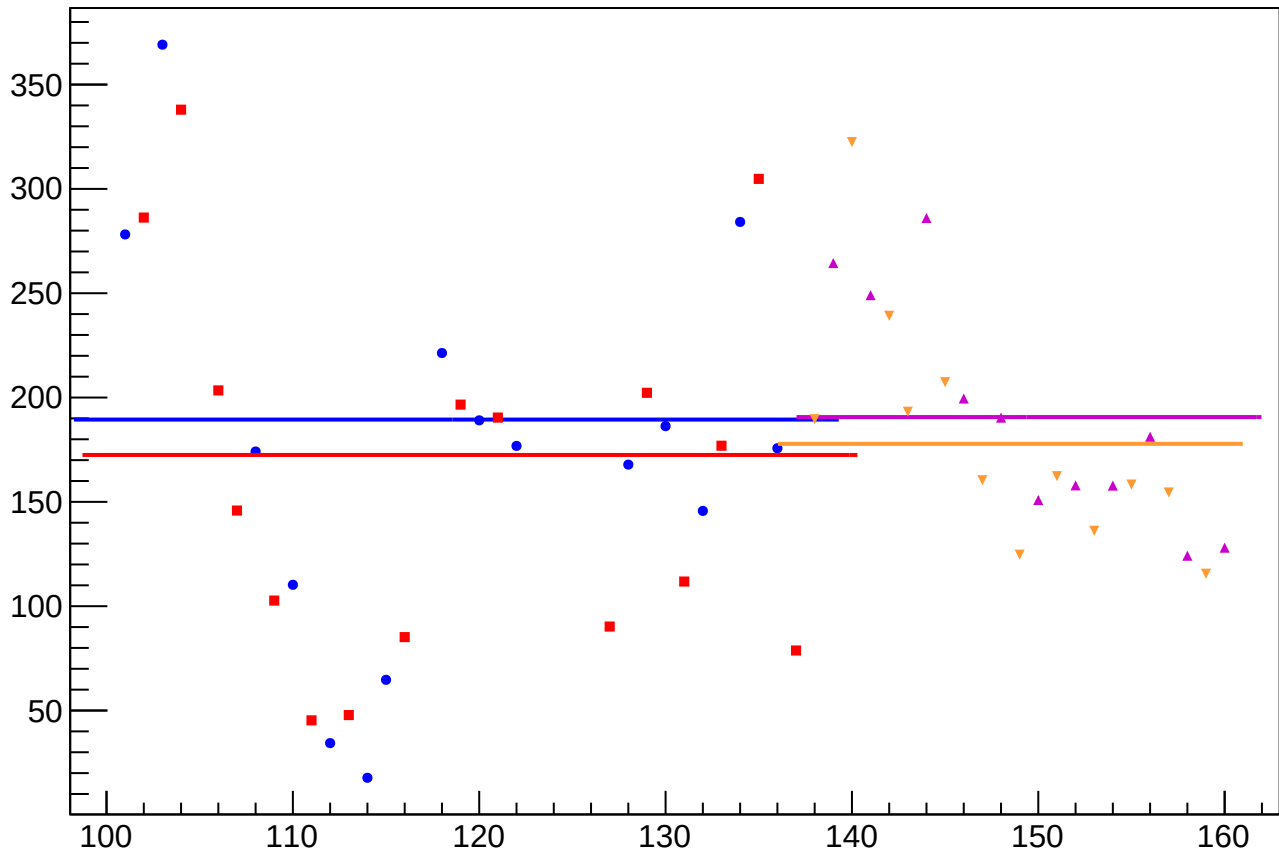
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -928.862+/-0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568+/-0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

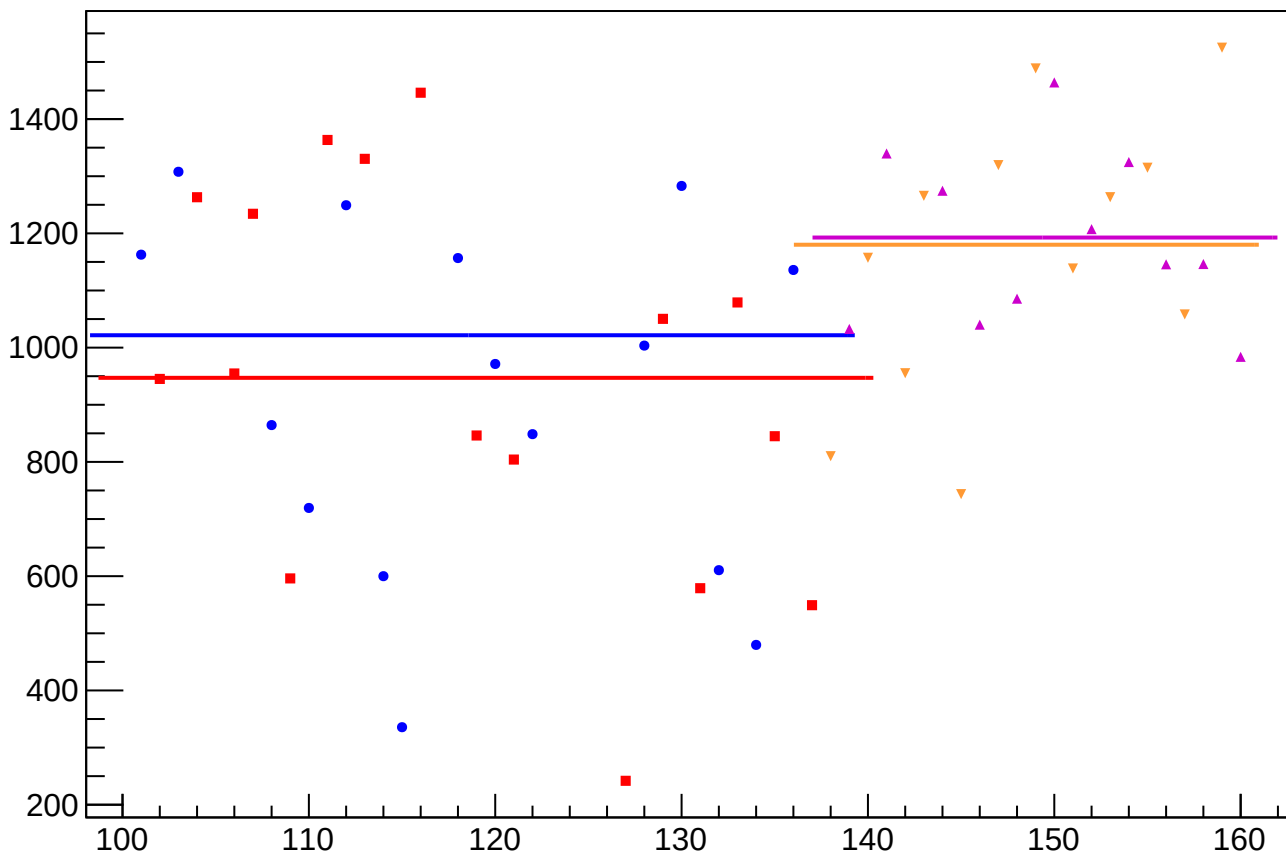
dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000	χ^2/NDF : 4707234253929700721726064108794544128.0/14
Left Out: 177.811+/-0.000	χ^2/NDF : 2793392529927944860081581234505908224.0/11
Right Out: 172.485+/-0.000	χ^2/NDF : 5594813408996728261938711470404534272.0/15
Left In: 190.641+/-0.000	χ^2/NDF : 2536070386684067132001548898091925504.0/10

+ sign 182.640+/-0.000 χ^2/NDF : 755196649084906
 All: 182.836+/-0.000 χ^2/NDF : 15810669328
 - sign 183.029+/-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: 67784656011936521511169668028018196480.0/15

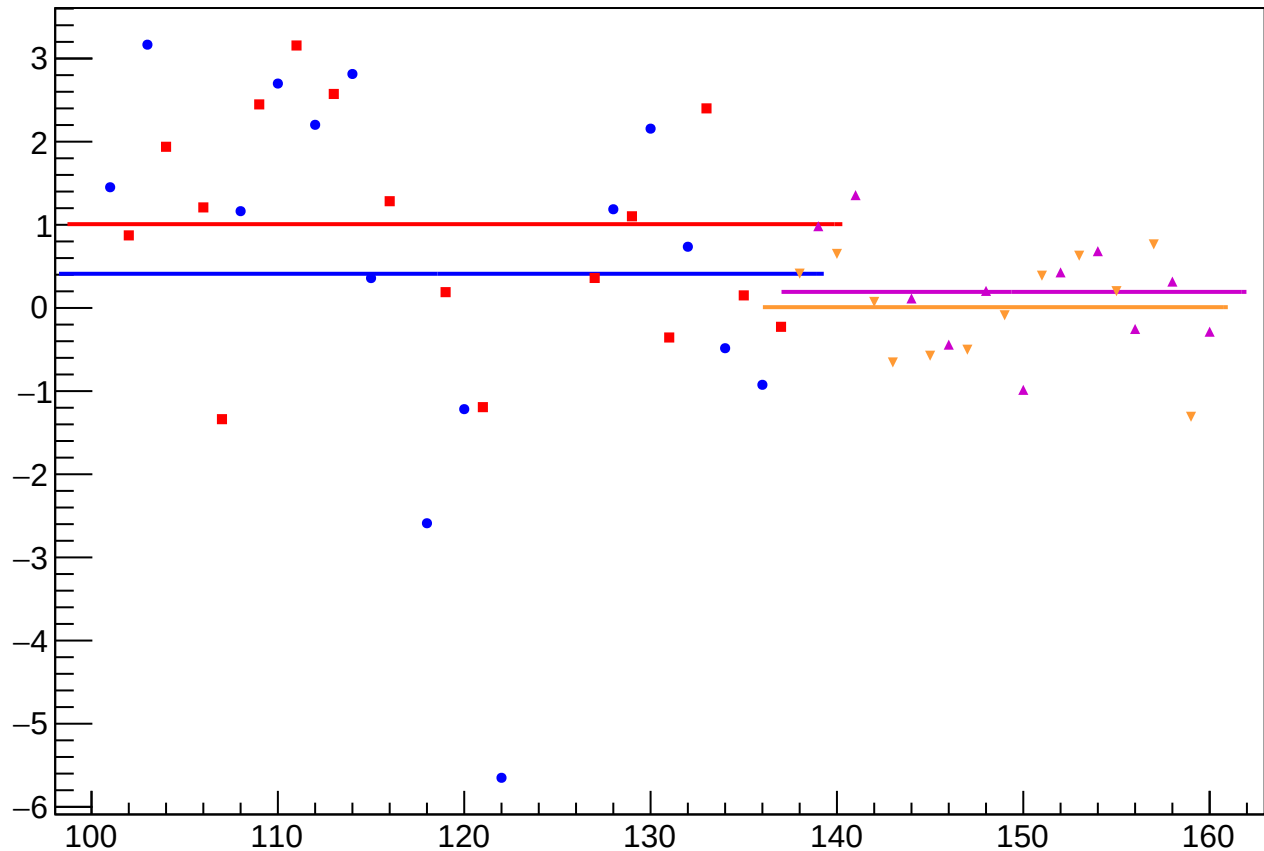
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

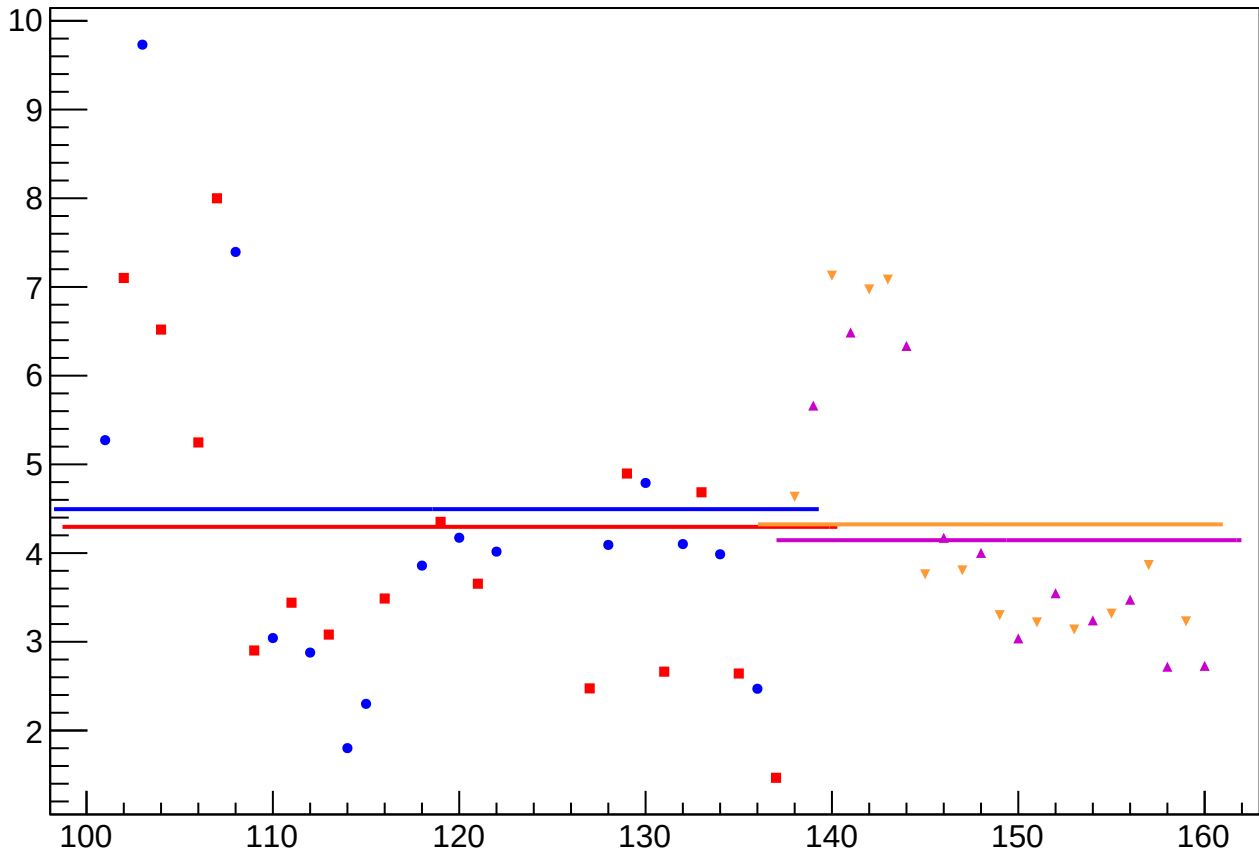
dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000	χ^2/NDF : 3385573506255563170053089820409856.0/14
Left Out: 0.010+/-0.000	χ^2/NDF : 354573516648160349272665694928896.0/11
Right Out: 1.008+/-0.000	χ^2/NDF : 1128402228144096394498047410700288.0/15
Left In: 0.193+/-0.000	χ^2/NDF : 386133523330033860307880234713088.0/10

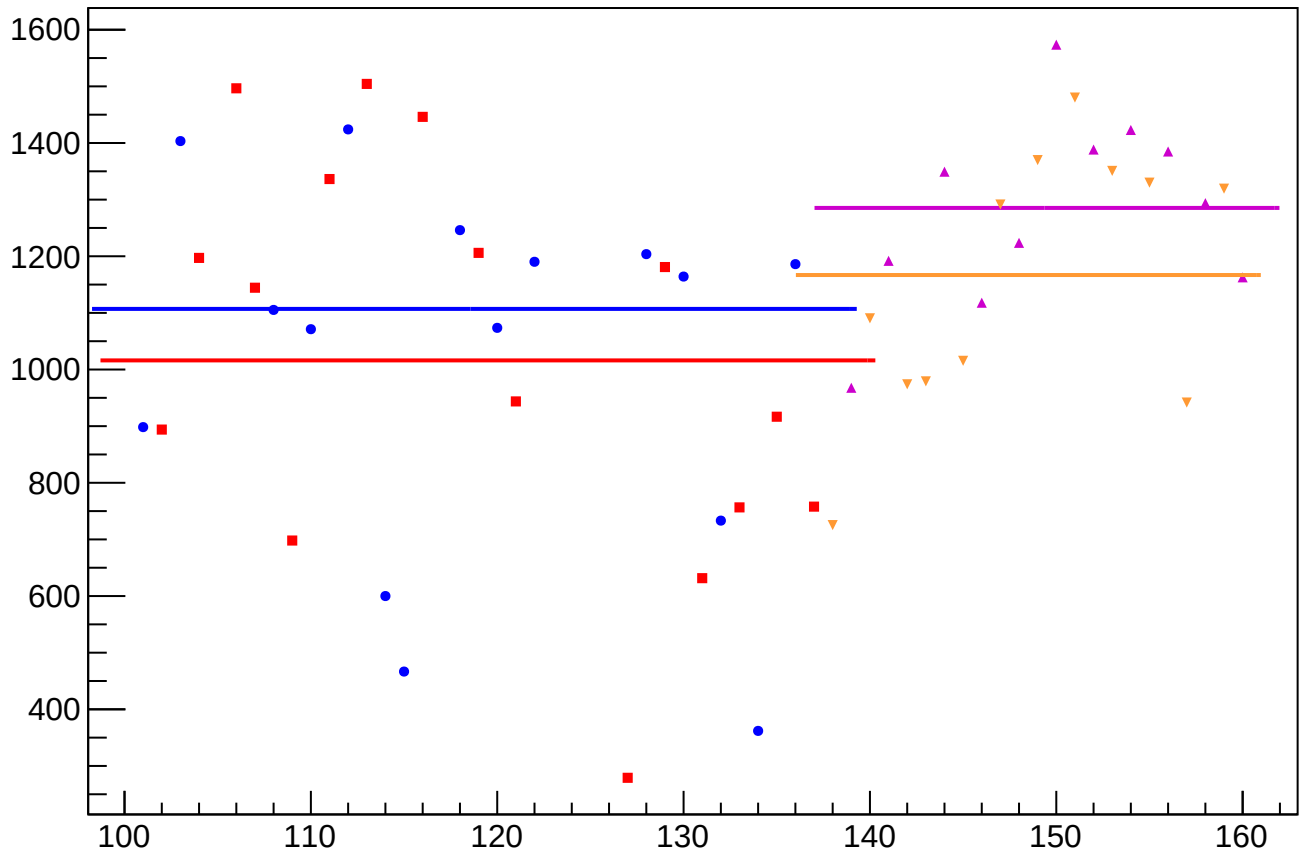
+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763
 All: 0.357+/-0.000 χ^2/NDF : 56741679110622
 - sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



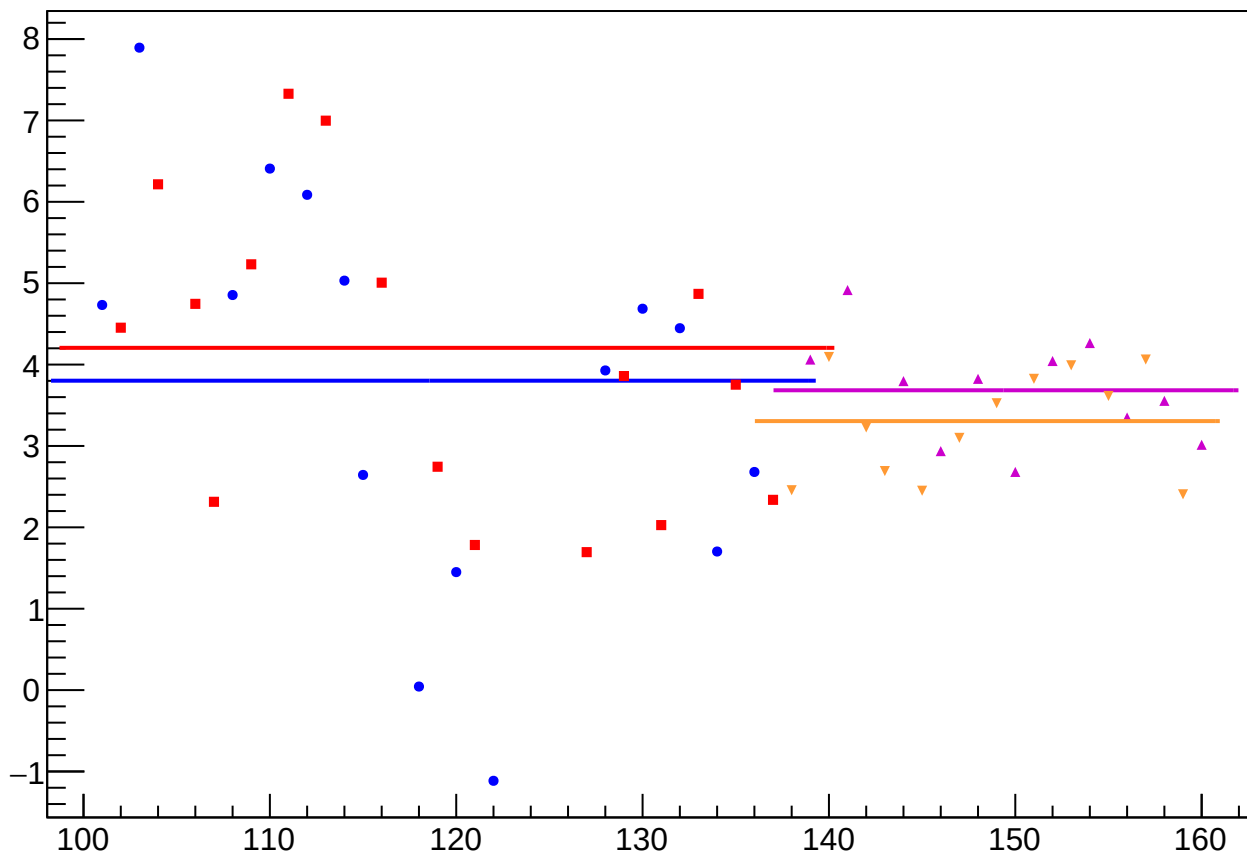
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_4eX_coil4_mean vs Slug



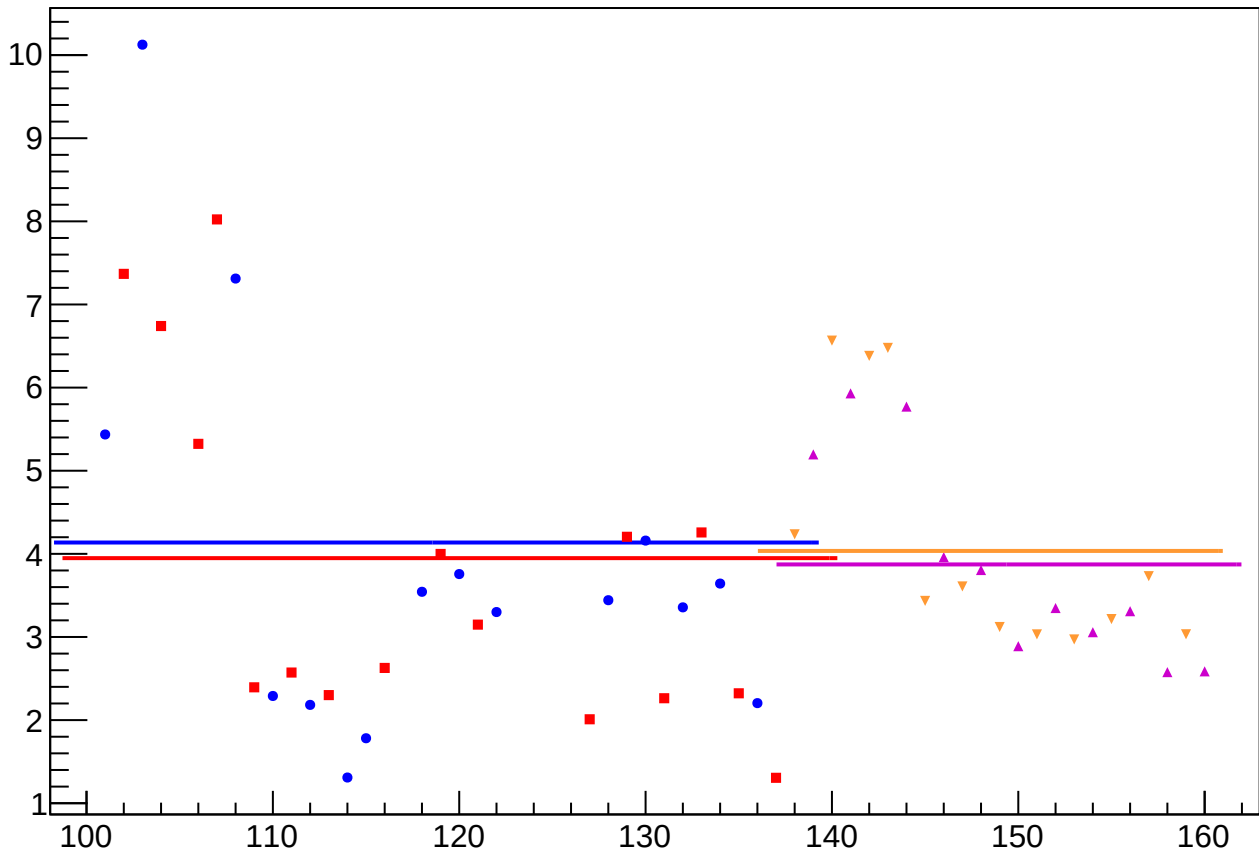
Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.305+/-0.000	χ^2/NDF : 375514605339805624898679558111232.0/11
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.684+/-0.000	χ^2/NDF : 366001419656422310601850072596480.0/10

+ sign 3.512+/-0.000 χ^2/NDF : 42645411605619782

All: 3.709+/-0.000 χ^2/NDF : 6952977853900

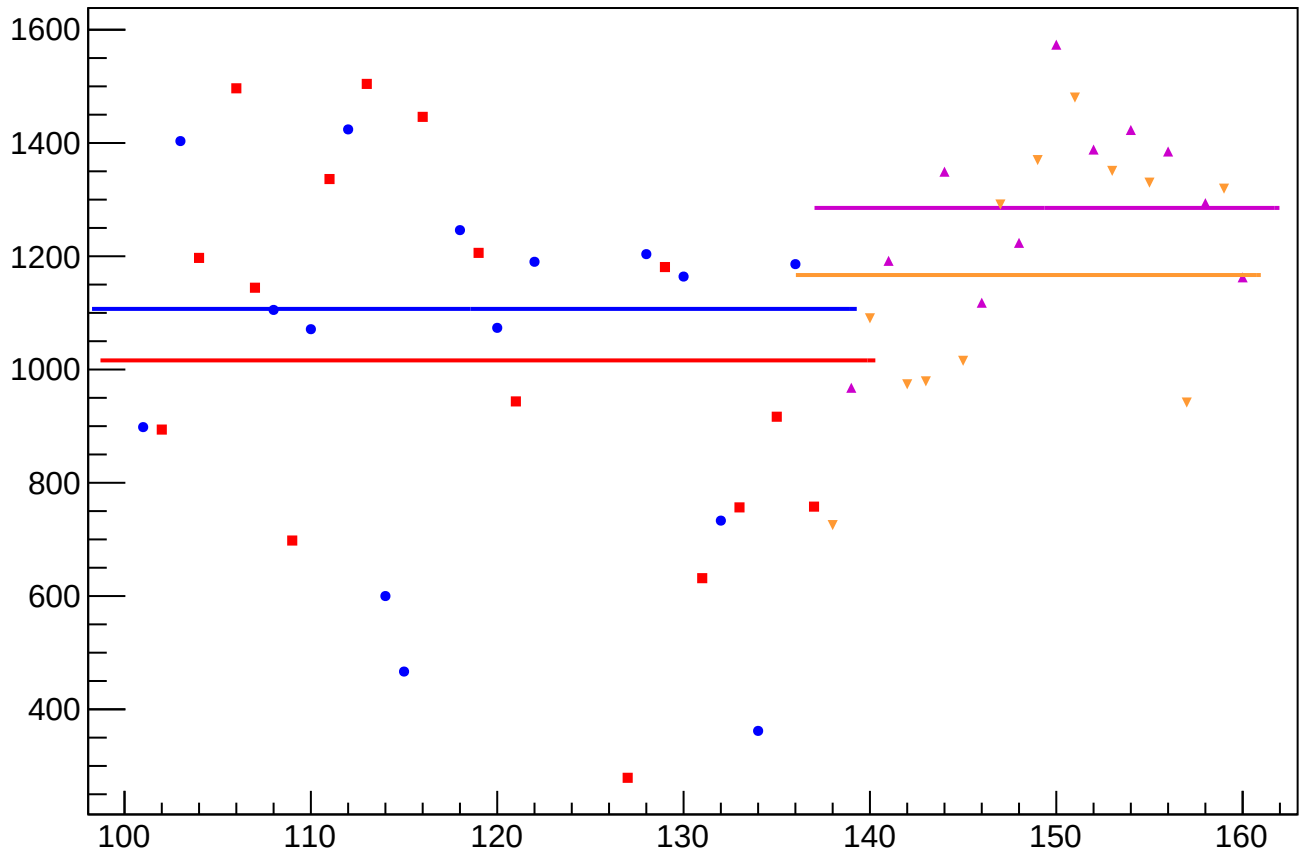
- sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

dit_4eX_coil4_err_mean vs Slug

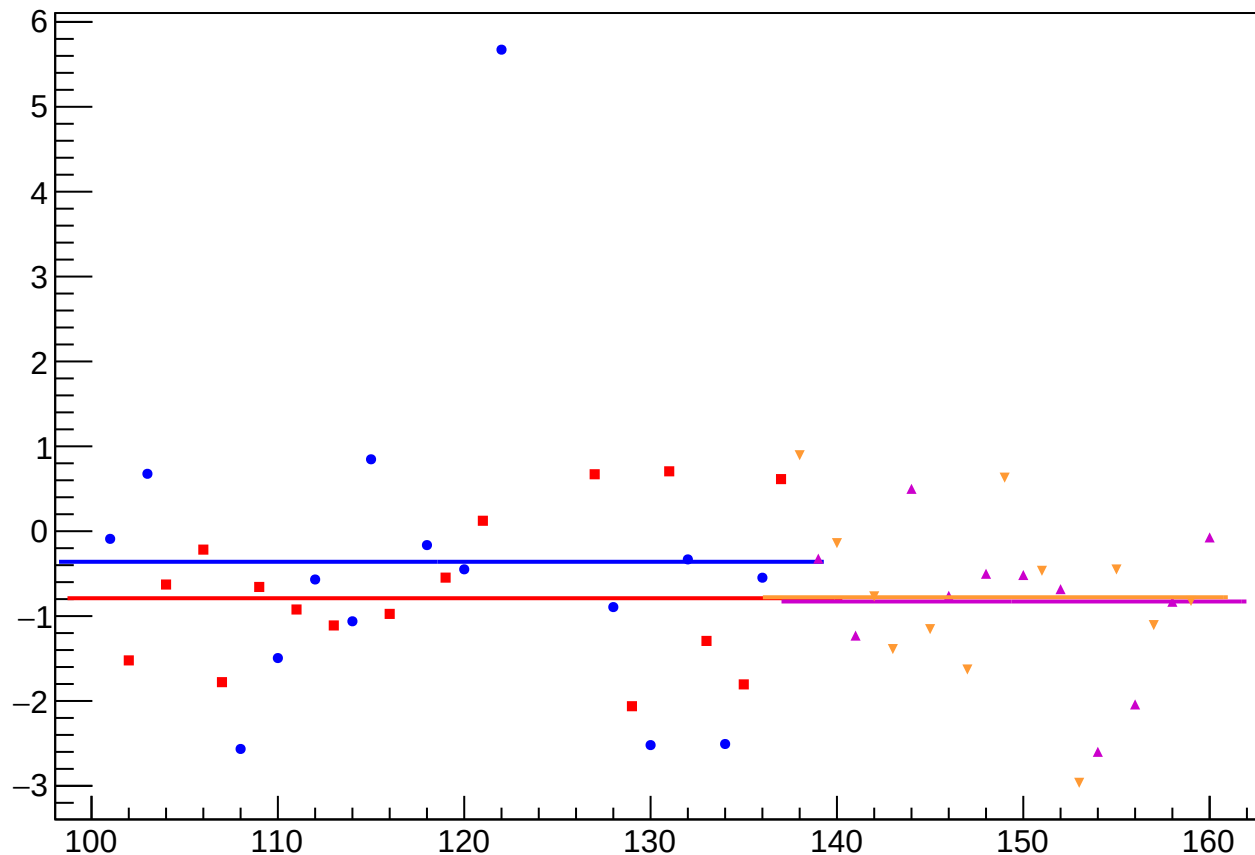


Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.035 ± 0.000 χ^2/NDF : 1609299061352578548486150138363904.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



dit_11X12X_coil4_mean vs Slug



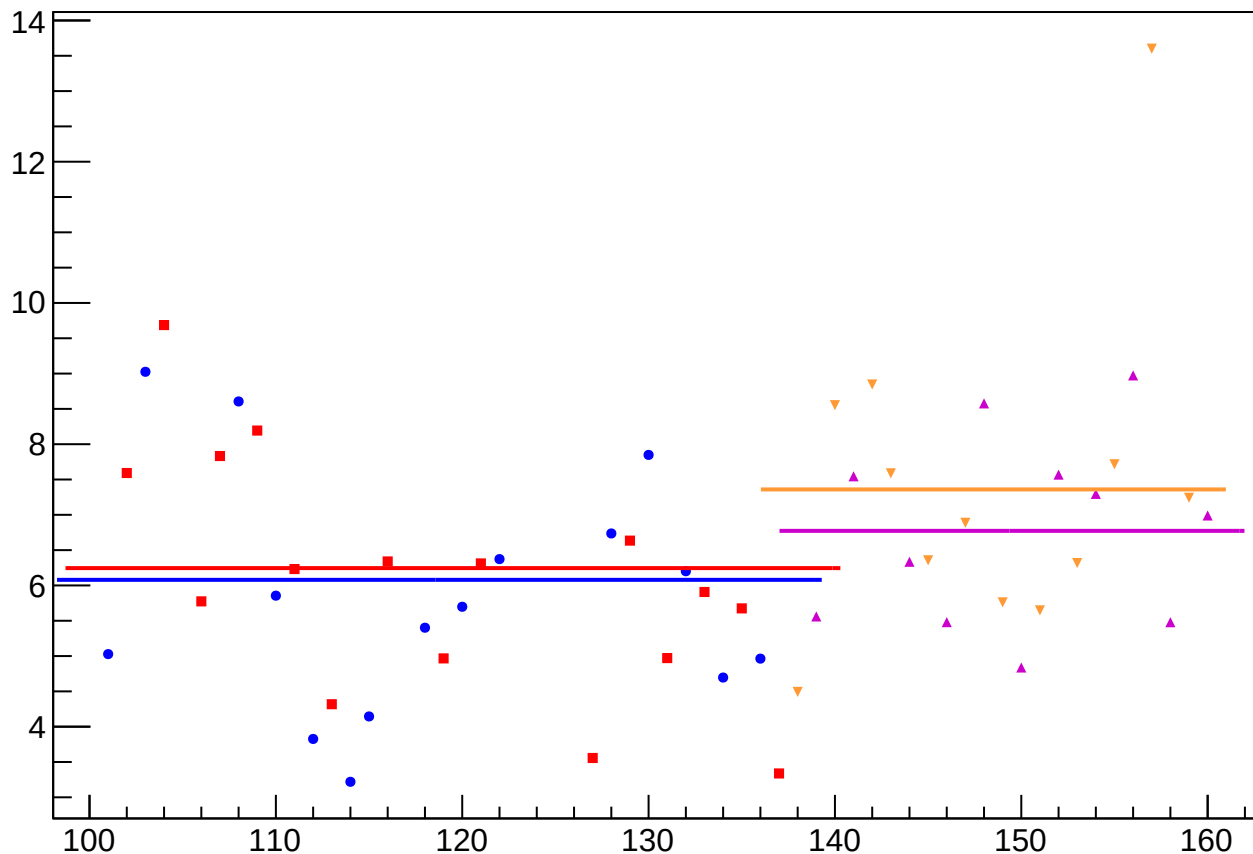
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.778+/-0.000 χ^2/NDF : 941792568376434225486843988672512.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 7.360+/-0.000 χ^2/NDF : 4580380755239365503585140070154240.0/11

Right Out: 6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15

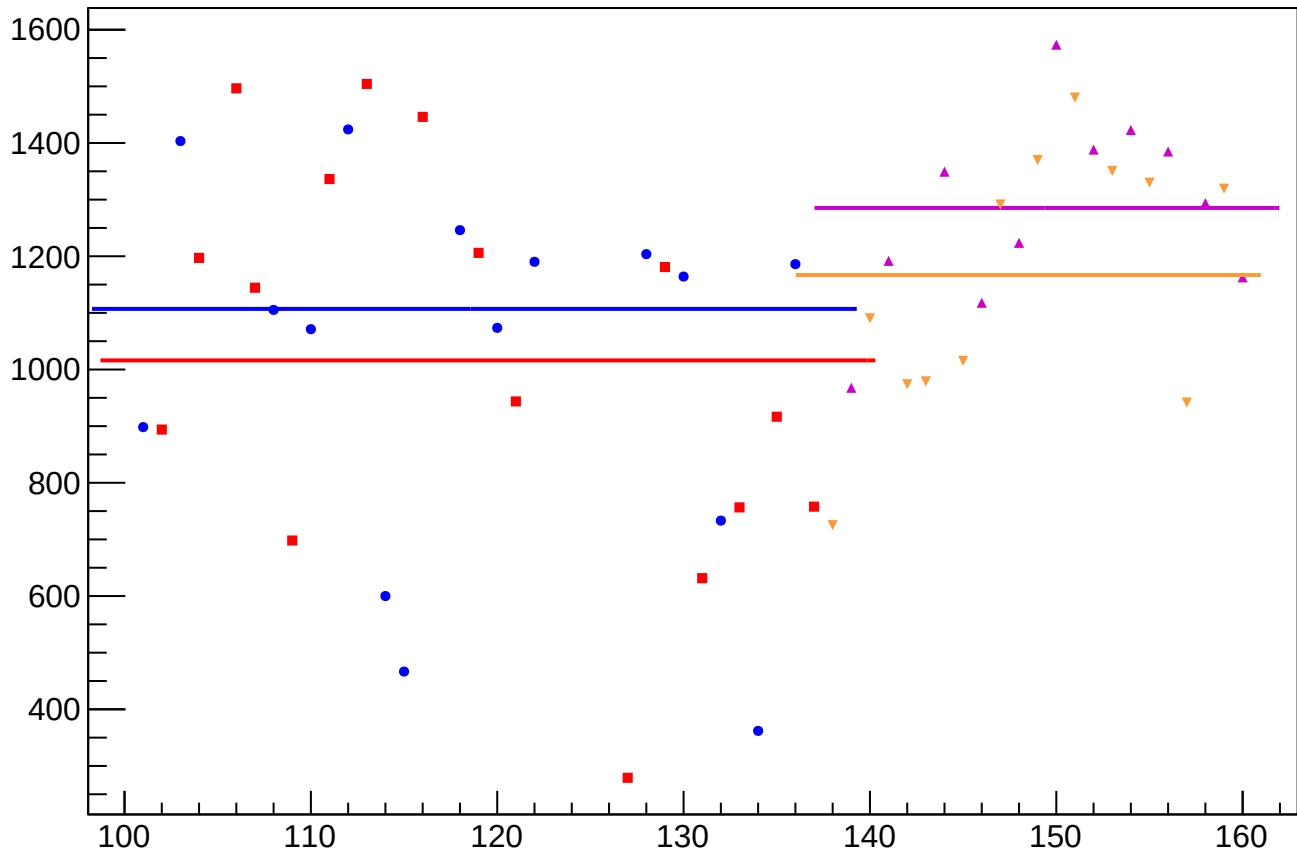
Left In: 6.773+/-0.000 χ^2/NDF : 1545880653062872635060205832372224.0/10

+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869

All: 6.689+/-0.000 χ^2/NDF : 1032305053905

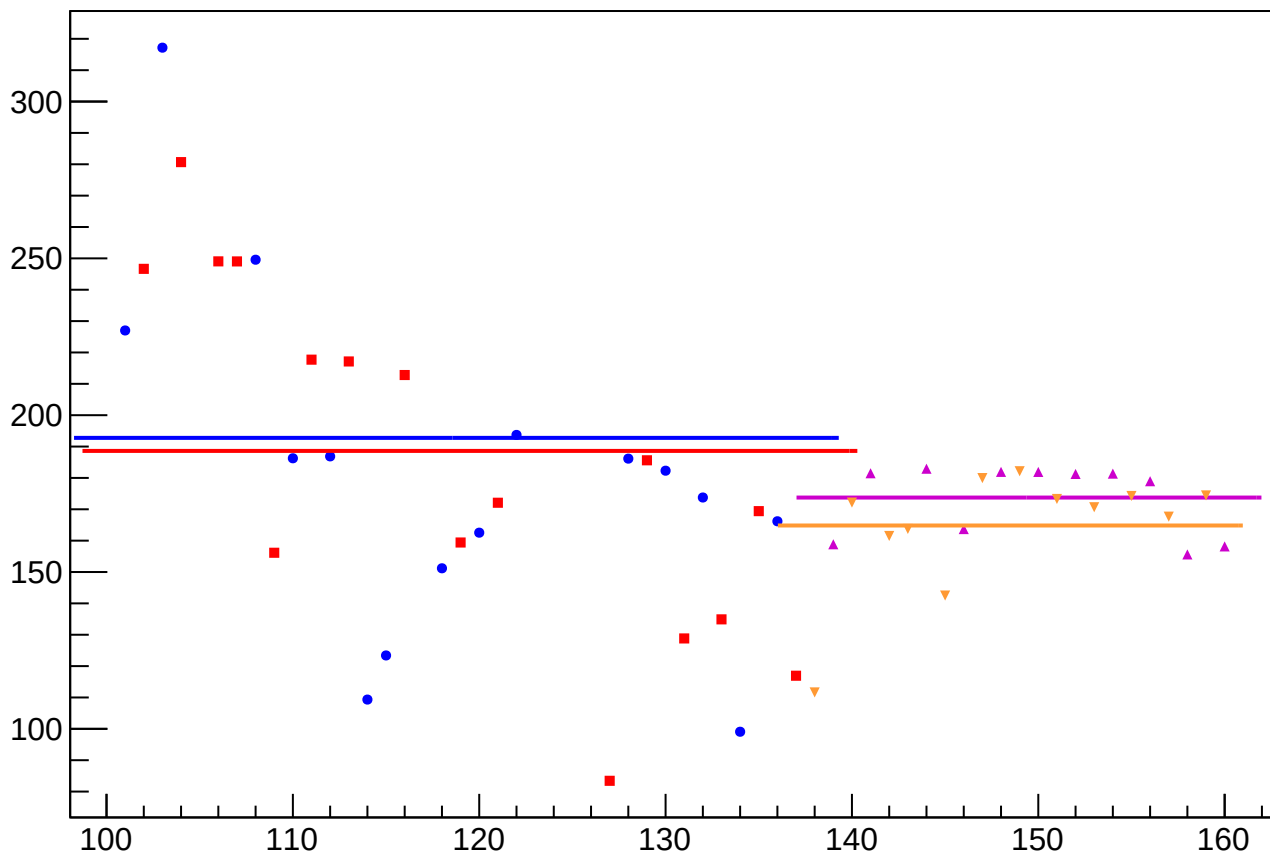
- sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392+/-0.000 χ^2/NDF : 21202911442
 + sign 1142.031+/-0.000 χ^2/NDF : 86643588377316
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_4aY_coil4_mean vs Slug



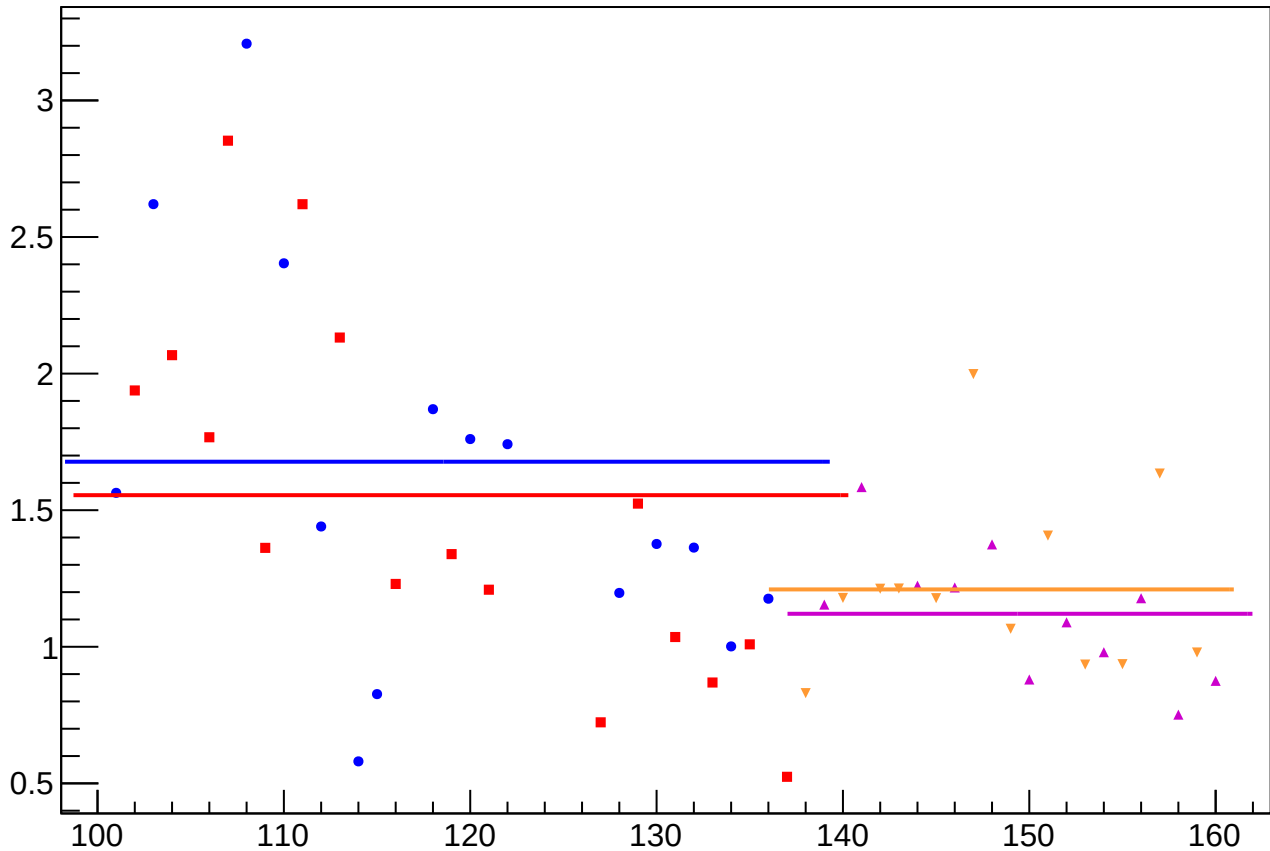
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 164.832+/-0.000 χ^2/NDF : 331248867631864480349687016910225408.0/11

Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

dit_4aY_coil4_err_mean vs Slug



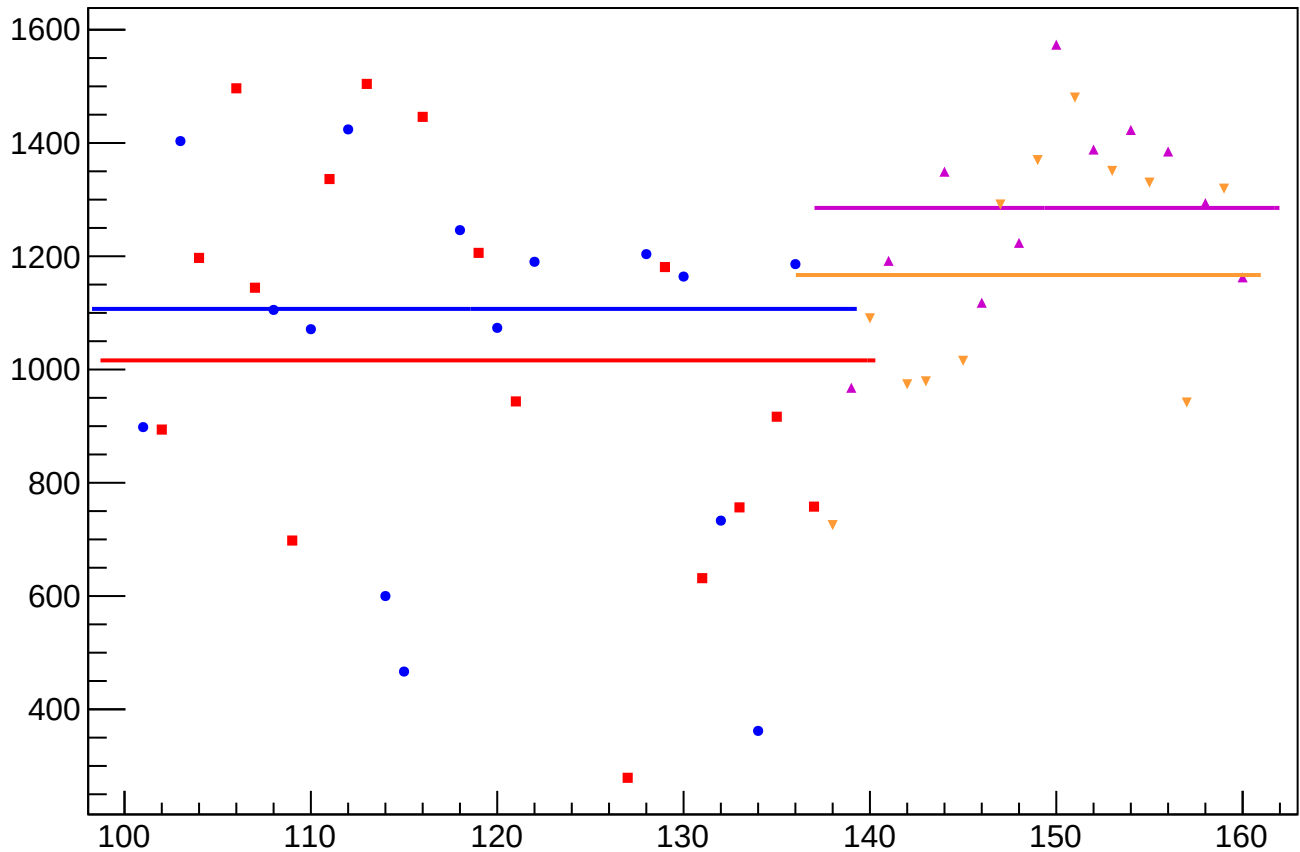
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.210 $\pm$ 0.000 χ^2 /NDF: 95500502458420026672384705560576.0/11

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

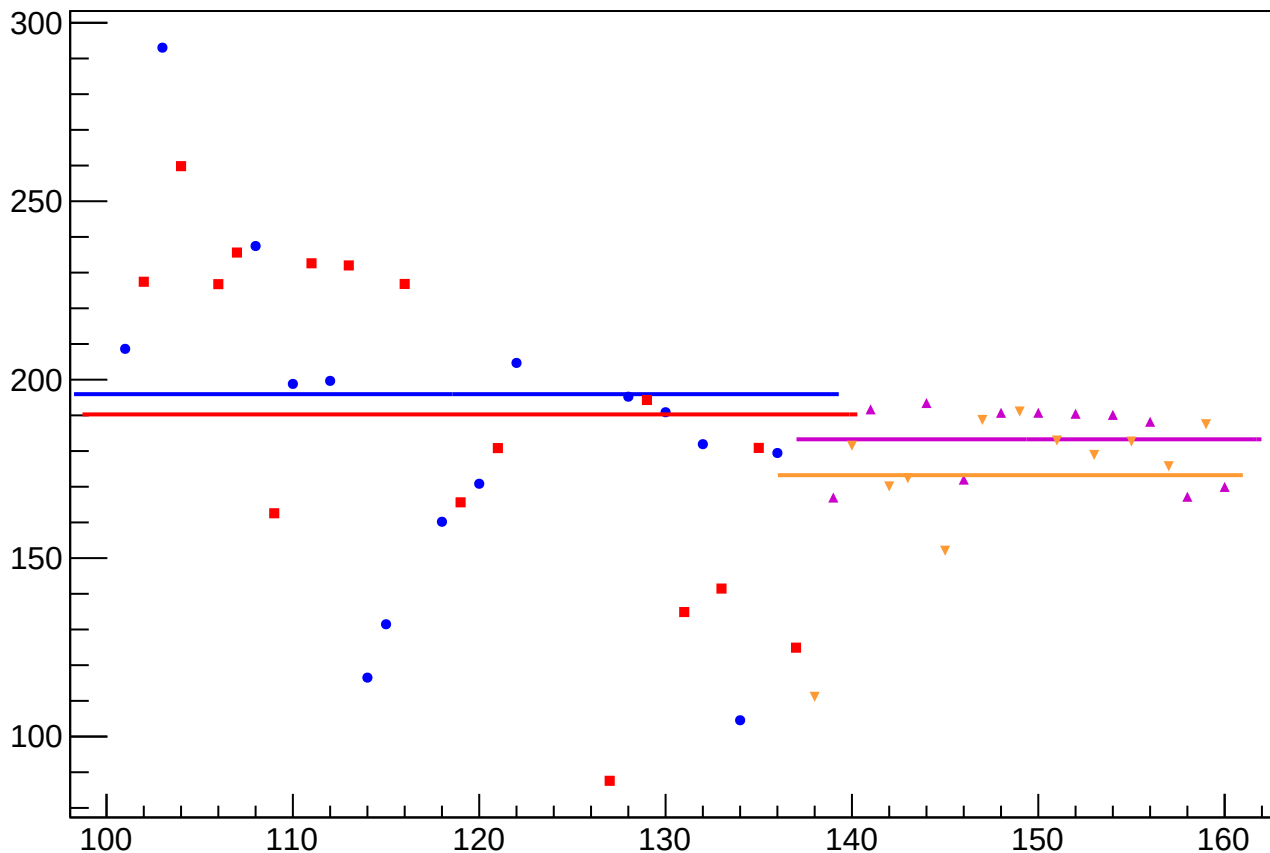
Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF : 421189743022312956779621222954565632.0/11

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

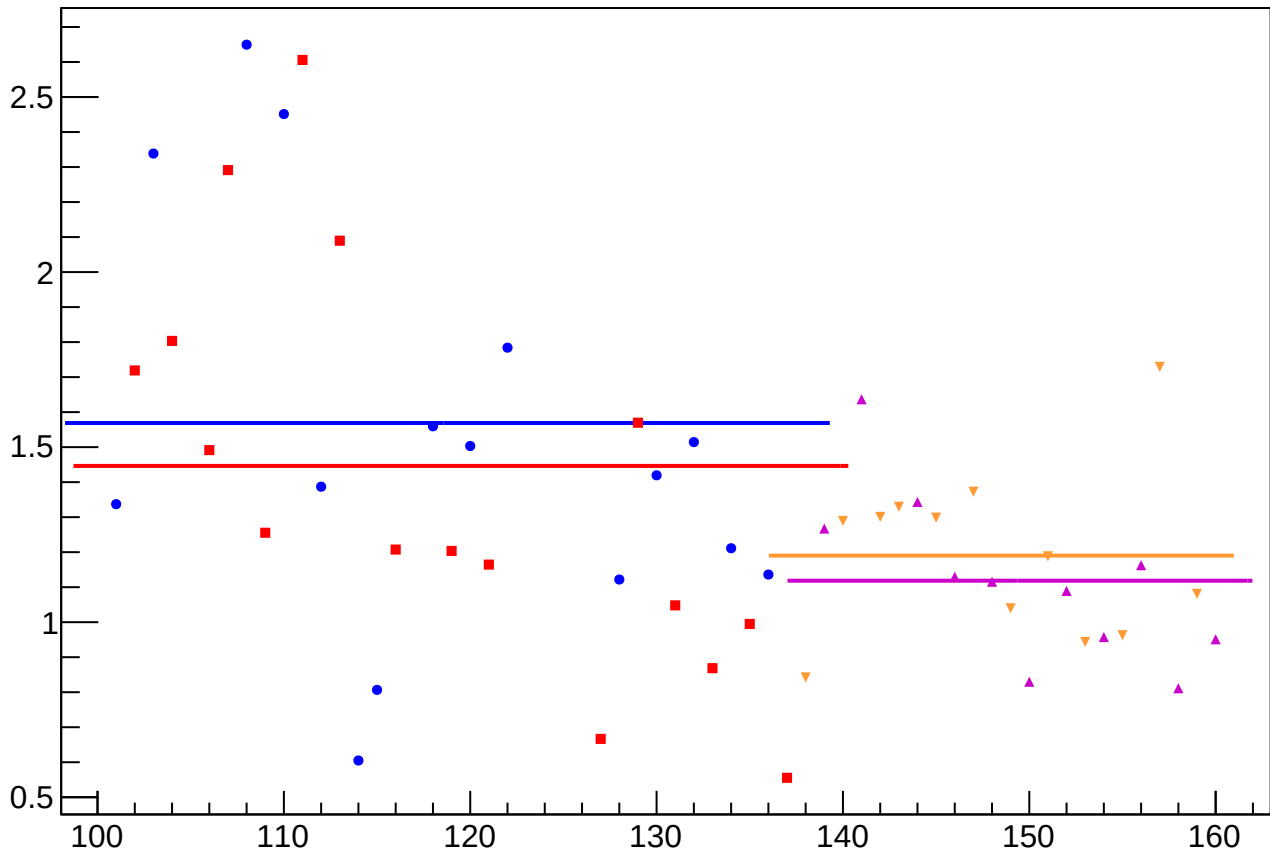
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ sign 182.669+/-0.000 χ^2/NDF : 167456742062075

All: 184.458+/-0.000 χ^2/NDF : 327355677904

- sign 186.216+/-0.000 χ^2/NDF : 158906987548328

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 ± 0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.190 ± 0.000 χ^2/NDF : 50745822936032217336144814145536.0/11

Right Out: 1.446 ± 0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

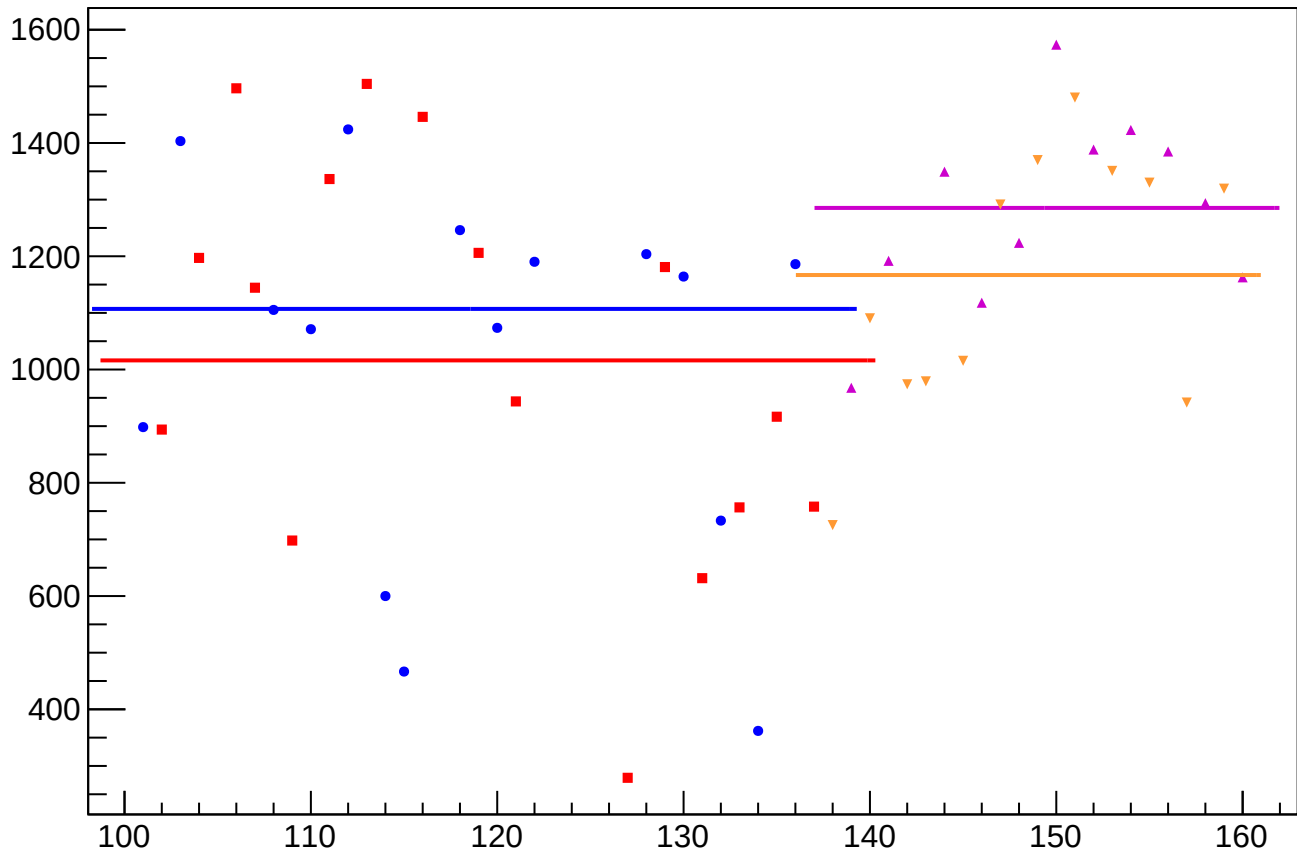
Left In: 1.118 ± 0.000 χ^2/NDF : 48973496995723480911801365823488.0/10

+ sign 1.347 ± 0.000 χ^2/NDF : 26805645085959175

All: 1.301 ± 0.000 χ^2/NDF : 56157588721998

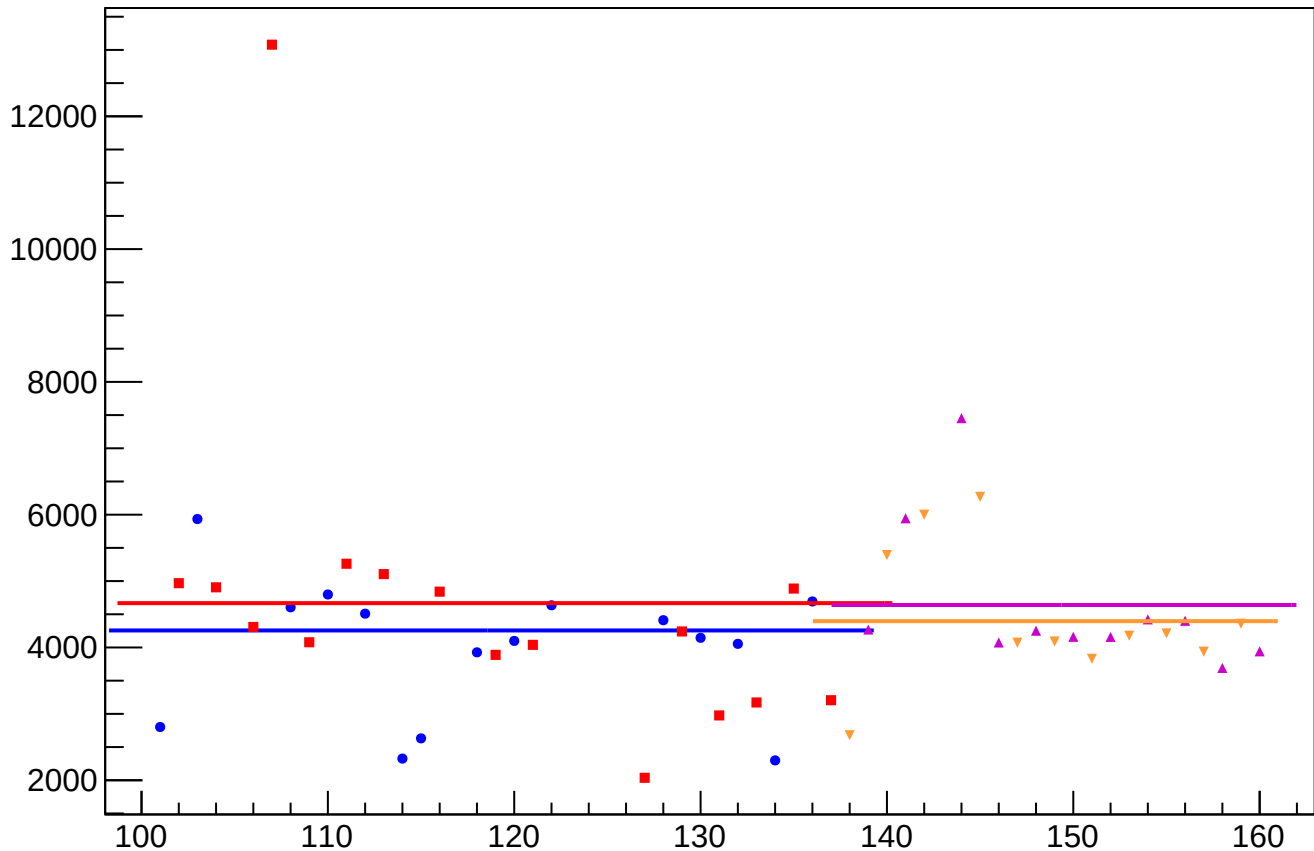
- sign 1.256 ± 0.000 χ^2/NDF : 28690992559145743

dit_4eY_coil4_Ndata_mean vs Slug



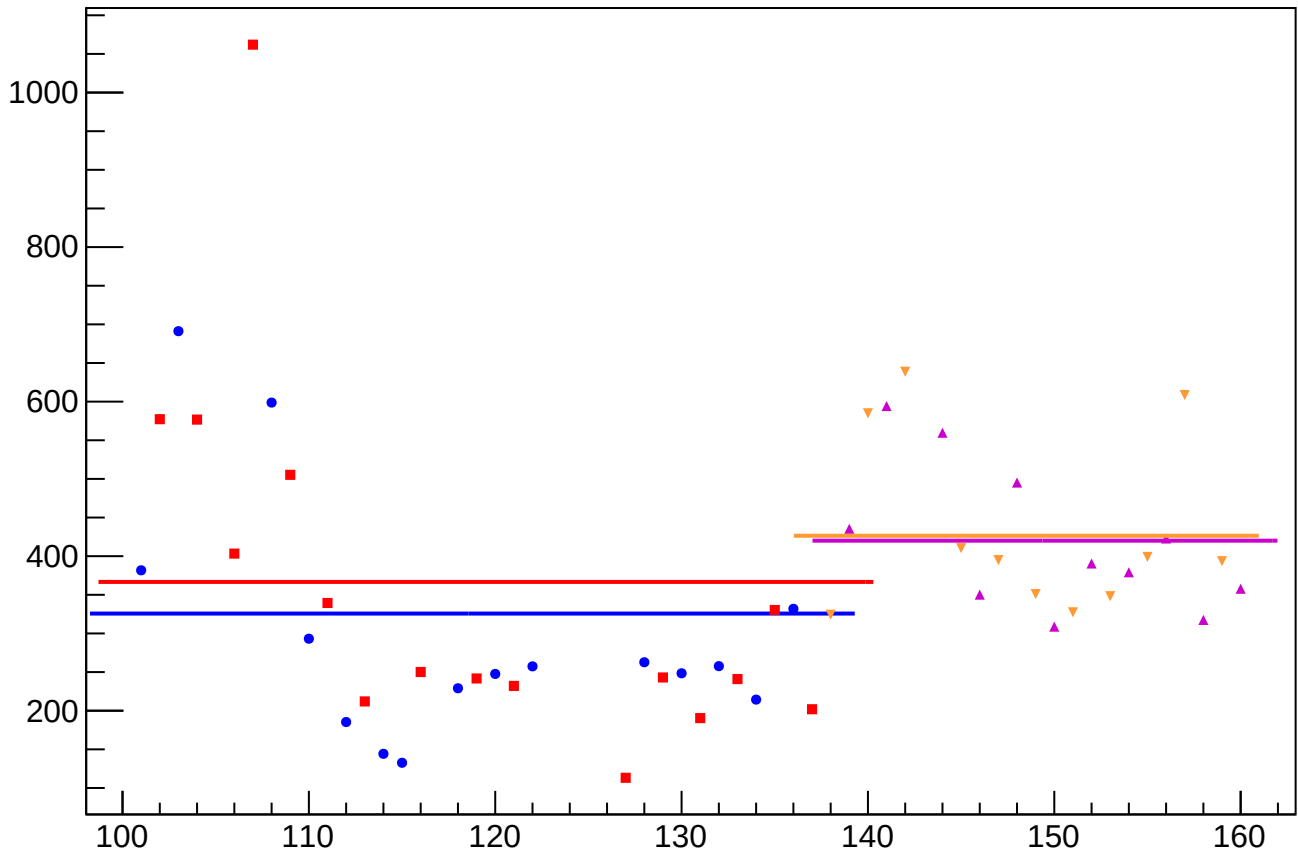
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_usl_coil4_mean vs Slug



Right In: 4256.386 $\pm$ 0.000 χ^2 /NDF: 498605412551624859672454954159576186880.0/14
 Left Out: 4396.403 $\pm$ 0.000 χ^2 /NDF: 767686308157486440179100240552638021632.0/10
 Right Out: 4667.832 $\pm$ 0.000 χ^2 /NDF: 3201925535782807450320951772159309512704.0/15
 Left In: 4639.846 $\pm$ 0.000 χ^2 /NDF: 1058446303743243170530981239939506634752.0/10

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 426.446+/-0.000 χ^2/NDF : 9564737566607591468000084323542761472.0/10

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

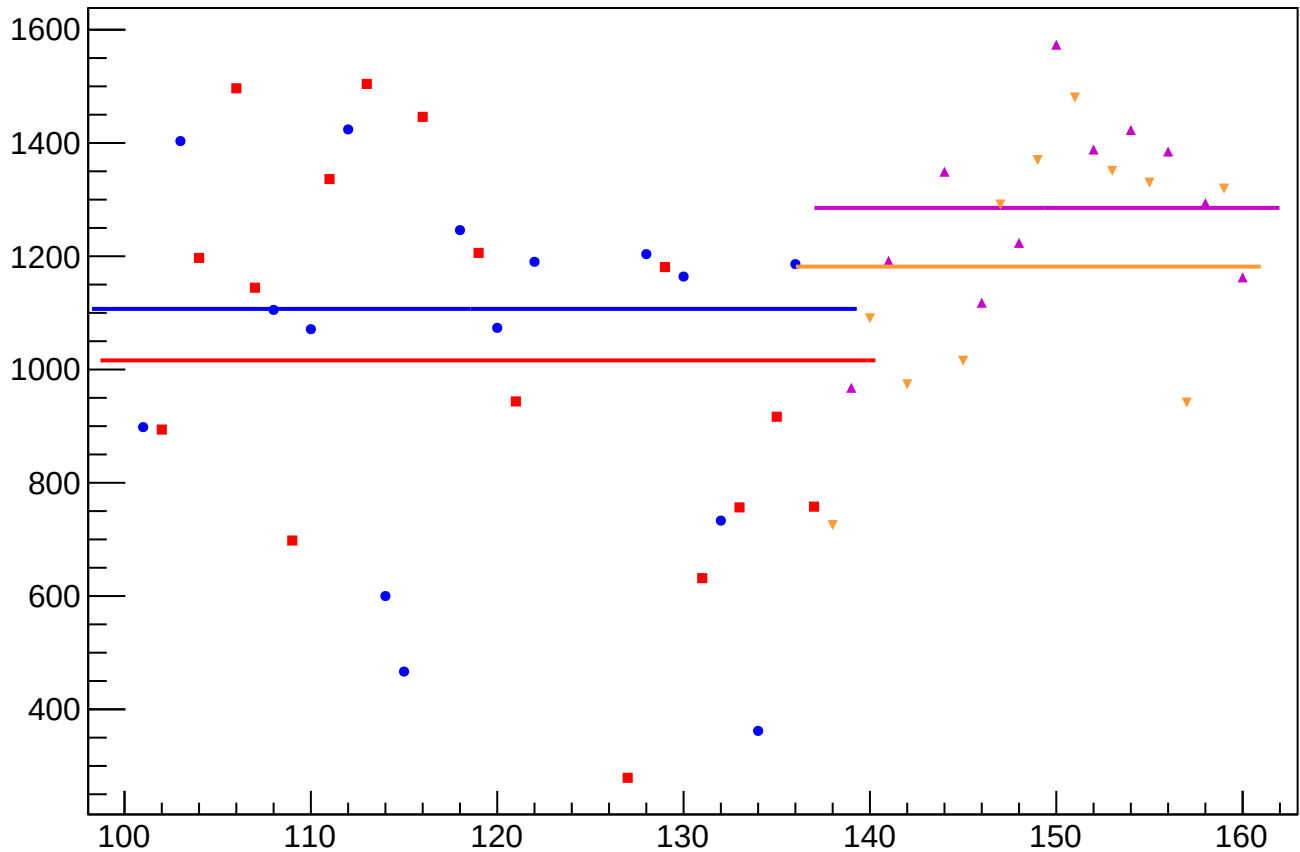
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

+ sign 382.754+/-0.000 χ^2/NDF : 279252260301187

All: 390.448+/-0.000 χ^2/NDF : 690046326749

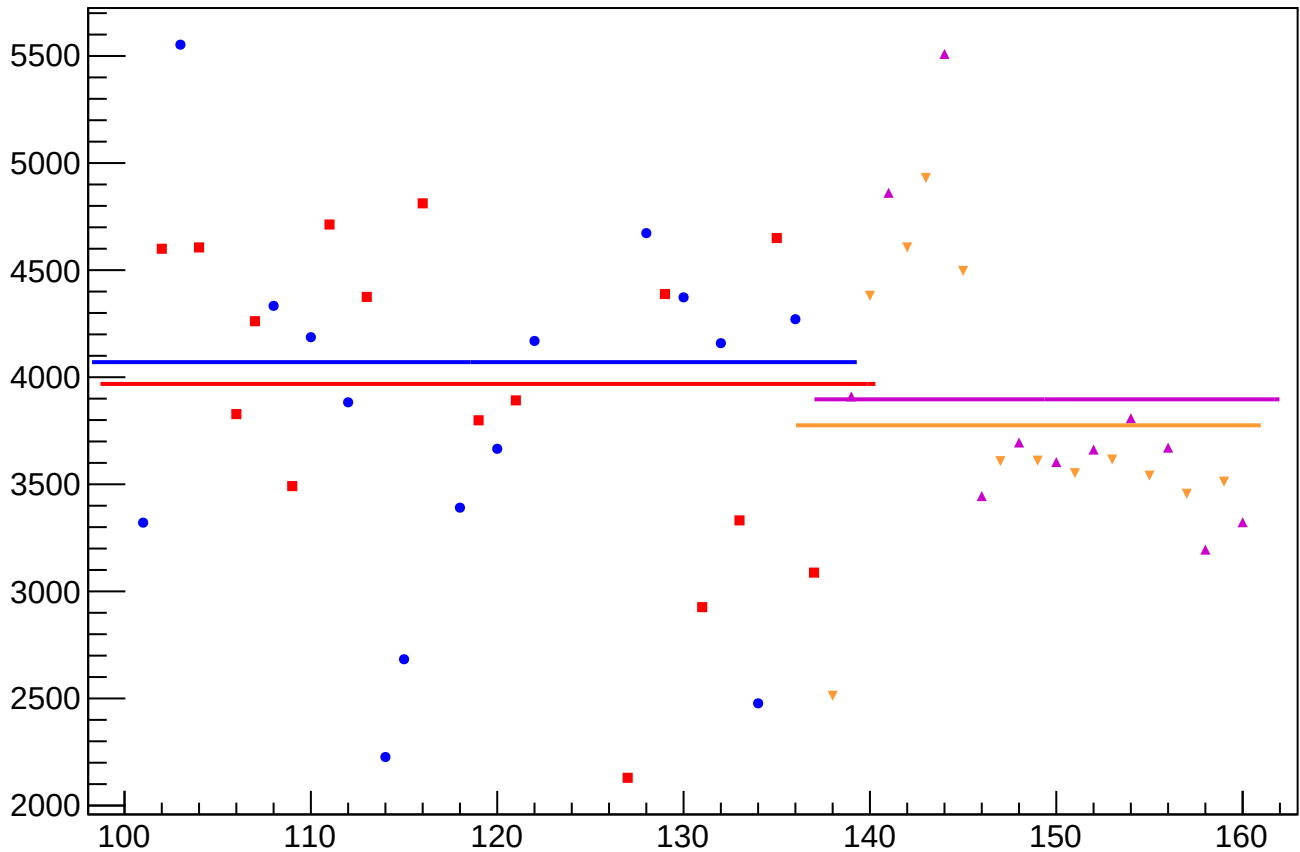
- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

dit_usl_coil4_Ndata_mean vs Slug



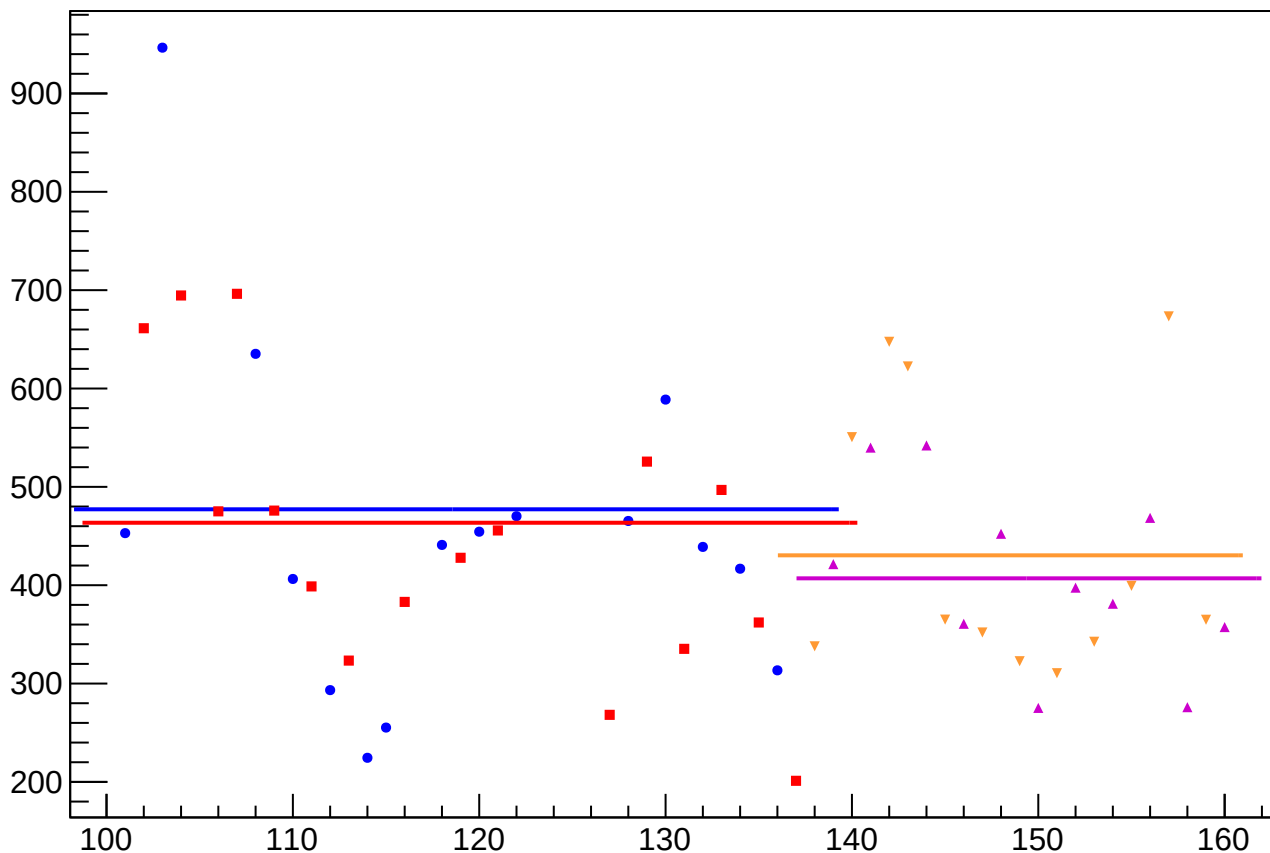
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721 +/- 0.000 χ^2/NDF : 42102883856321275256821029062509068288.0/10
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 3775.469+/-0.000 χ^2/NDF : 344611737456116155441573311529372090368.0/11
 Right Out: 3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15
 Left In: 3896.757+/-0.000 χ^2/NDF : 412530714584693730225130204014353317888.0/10

dit_usr_coil4_err_mean vs Slug



Right In: 477.186 ± 0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 430.385 ± 0.000 χ^2/NDF : 15124863187063515916775500602167787520.0/11

Right Out: 463.513 ± 0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

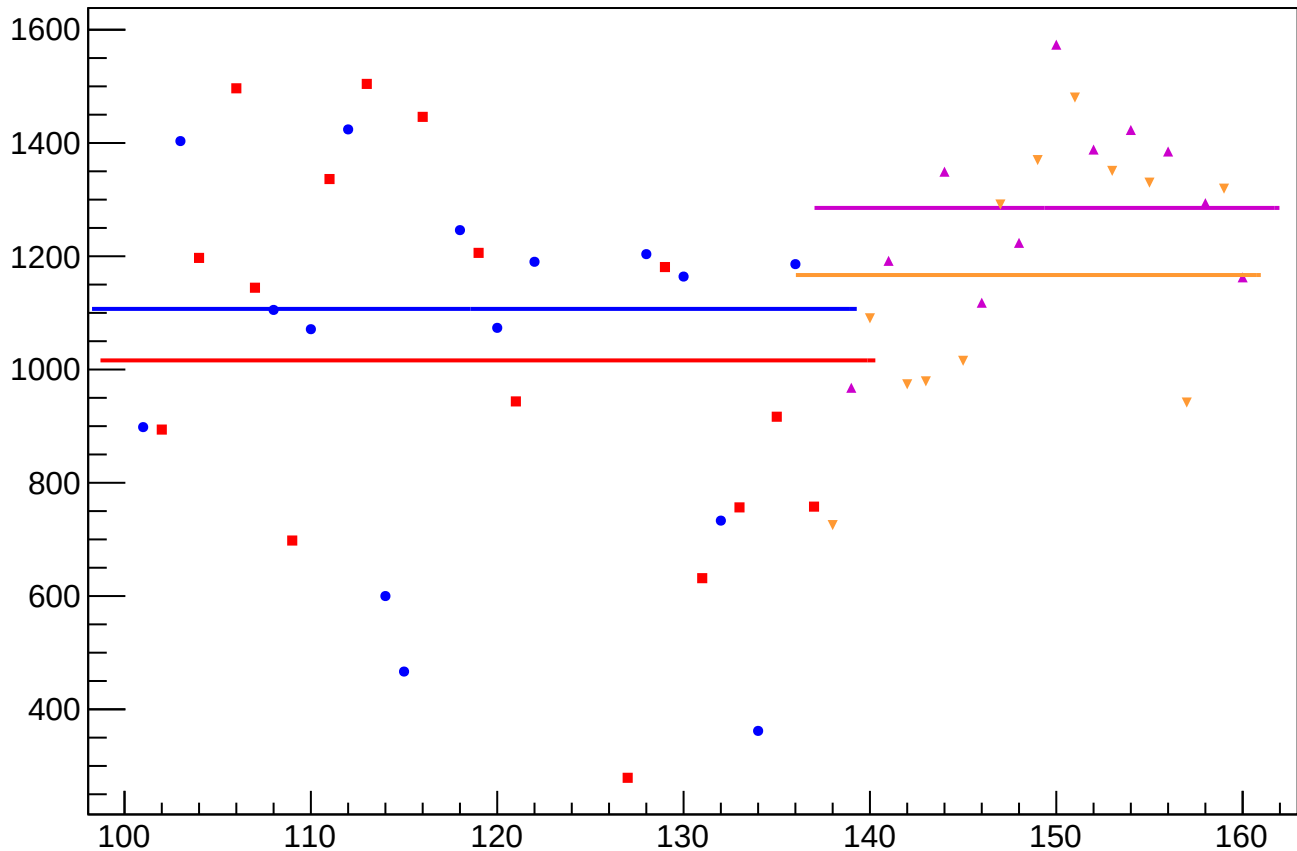
Left In: 406.990 ± 0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 449.818 ± 0.000 χ^2/NDF : 364118639358953

All: 440.167 ± 0.000 χ^2/NDF : 575090441202

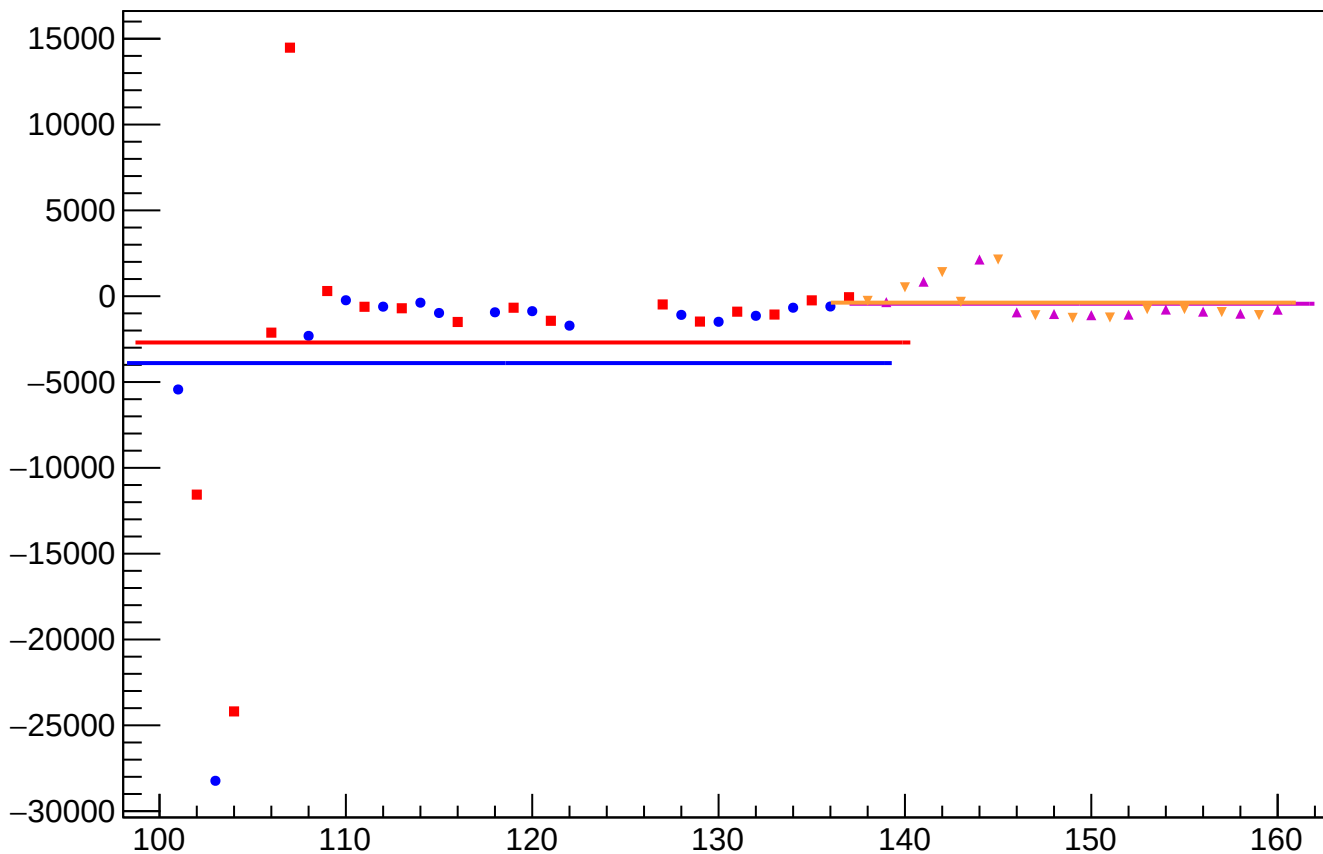
- sign 430.686 ± 0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



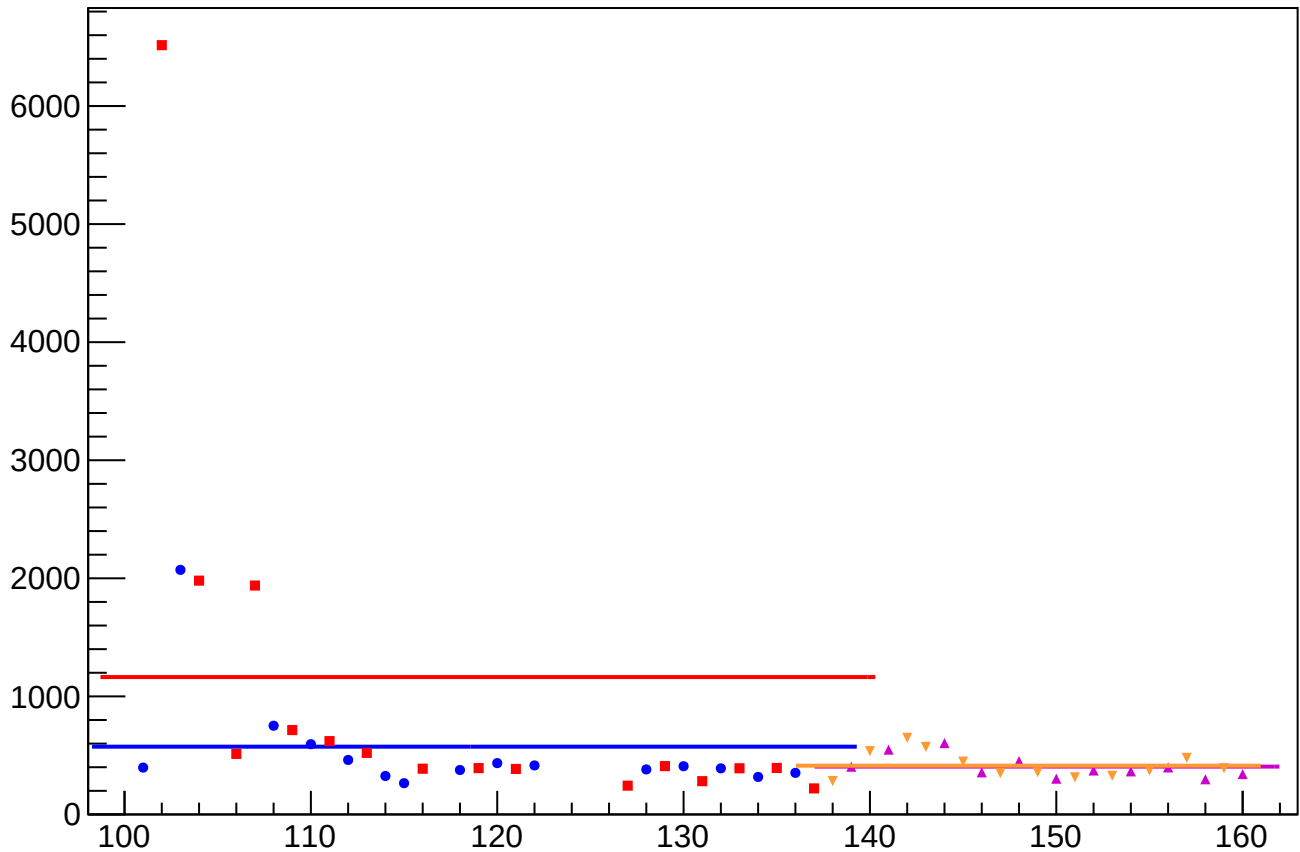
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_atl1_coil4_mean vs Slug



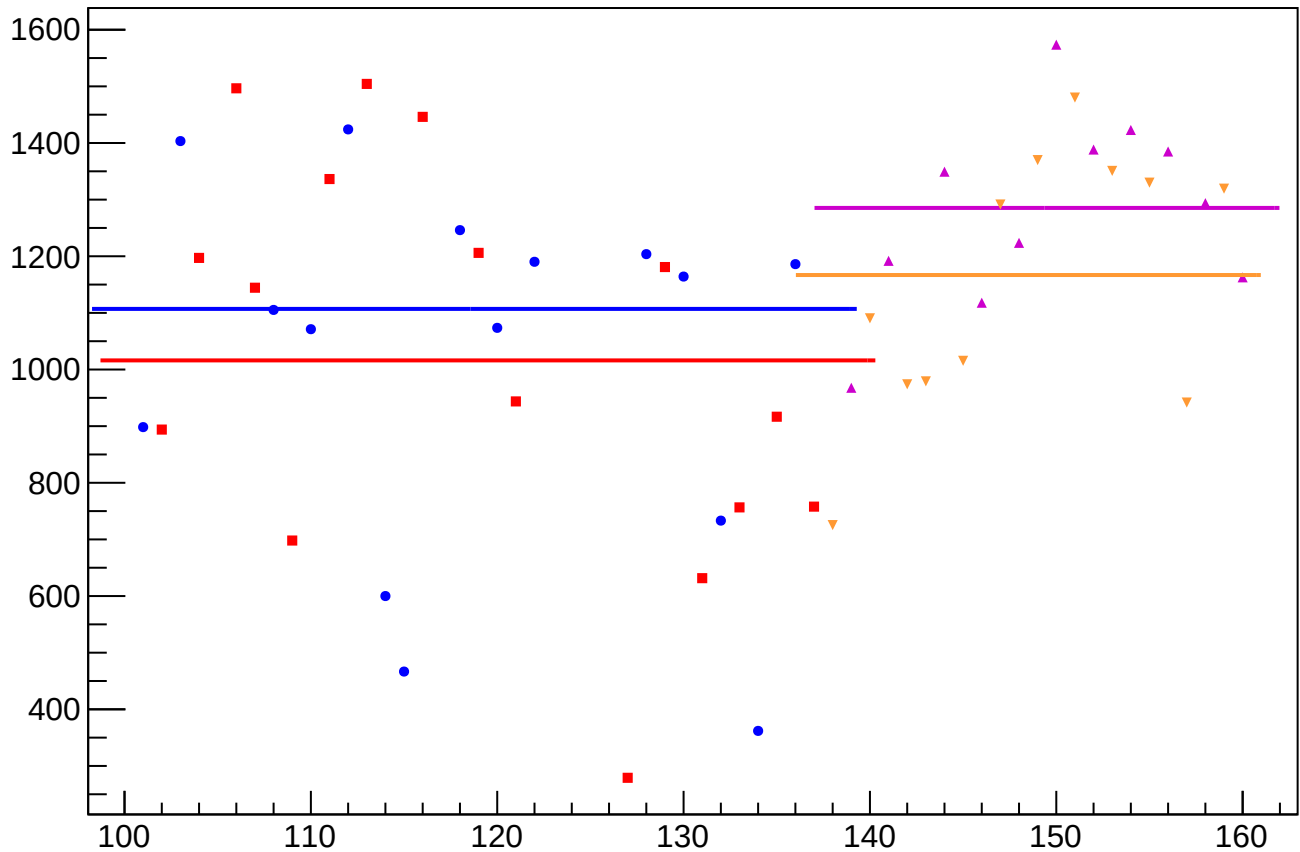
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430+/-0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10

dit_atl1_coil4_err_mean vs Slug



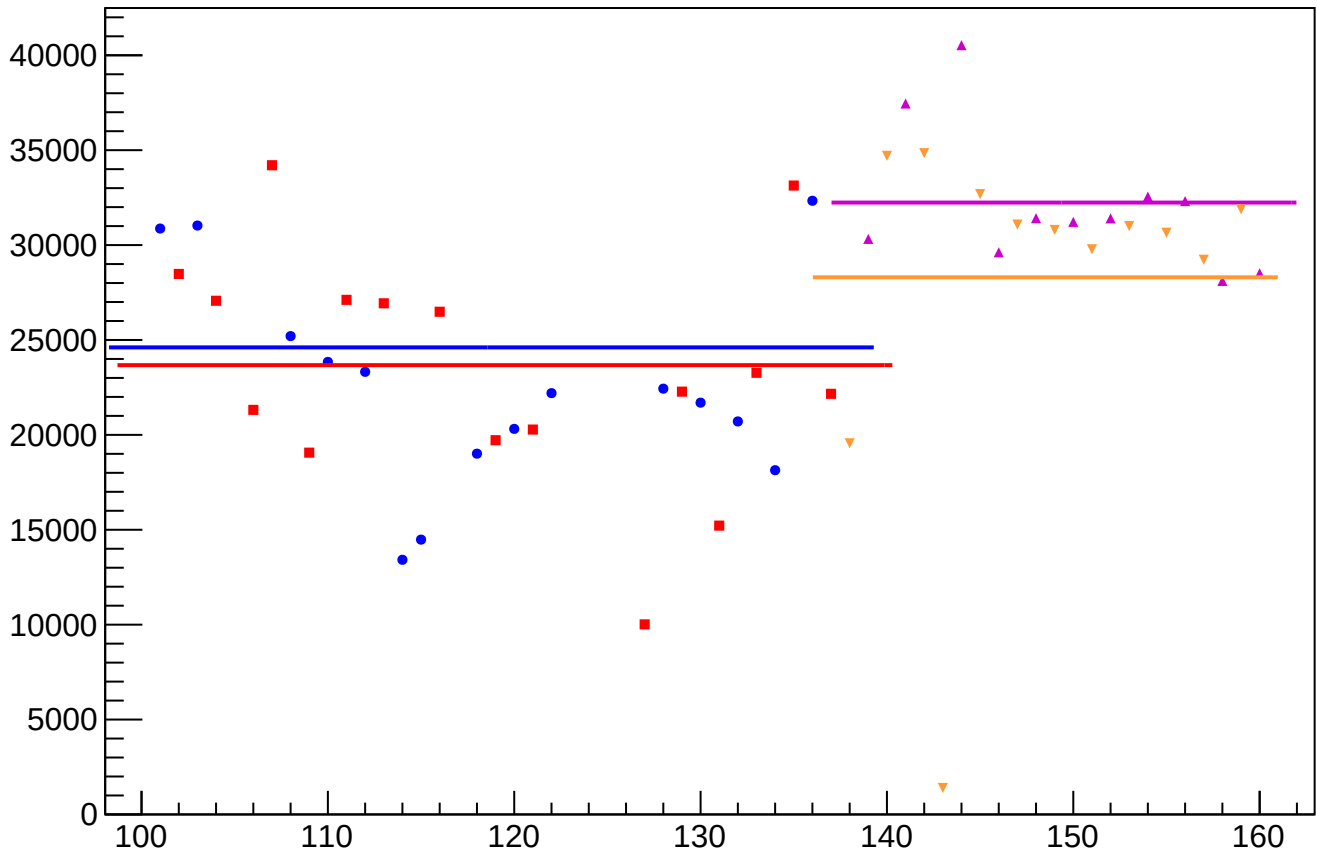
Right In: 574.055 ± 0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017 ± 0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697 ± 0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371 ± 0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

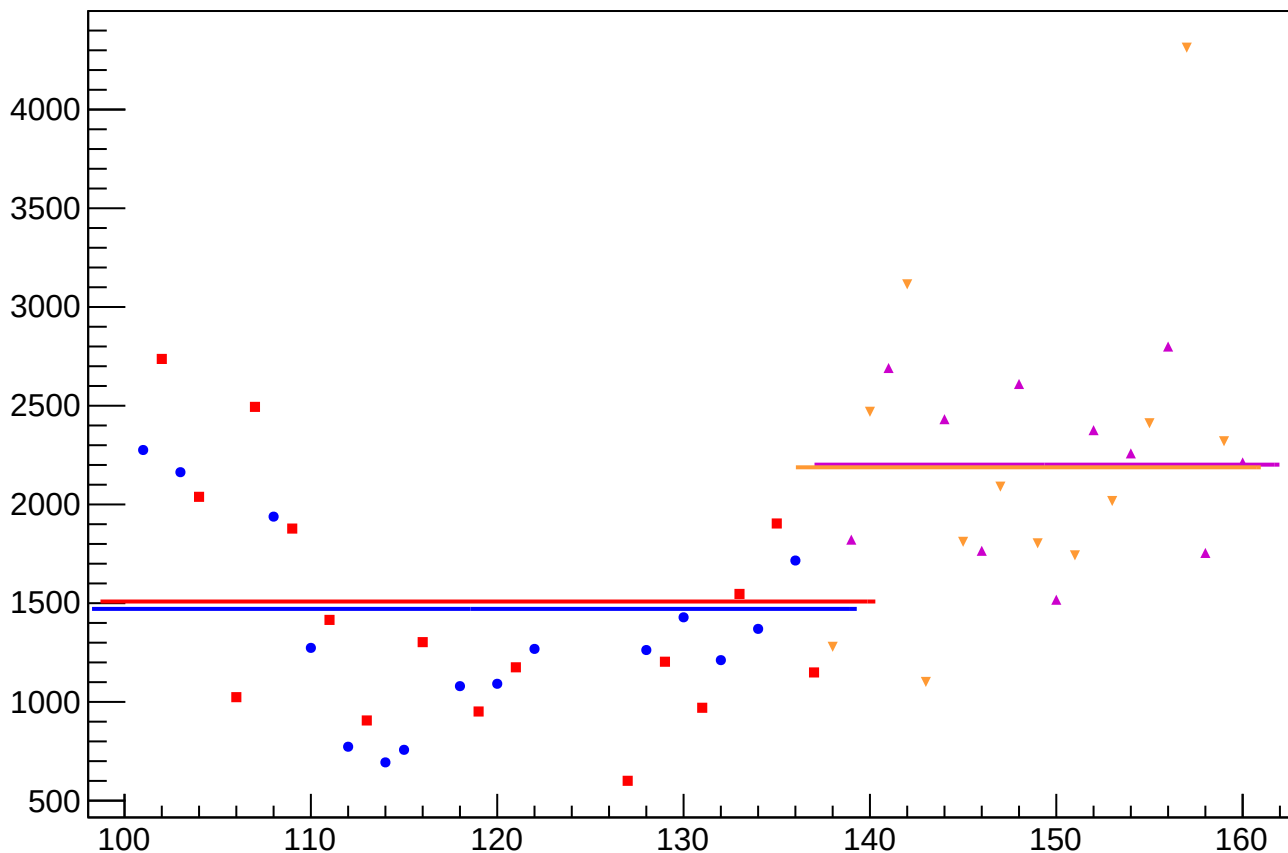
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28302.359+/-0.000	χ^2/NDF : 64743960576526073147852789326823934656512.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26768.677+/-0.000 χ^2/NDF : 8747719496851
 All: 27716.891+/-0.000 χ^2/NDF : 1554384105
 - sign 28648.418+/-0.000 χ^2/NDF : 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF : 593858516090535186702207521640824176640.0/11

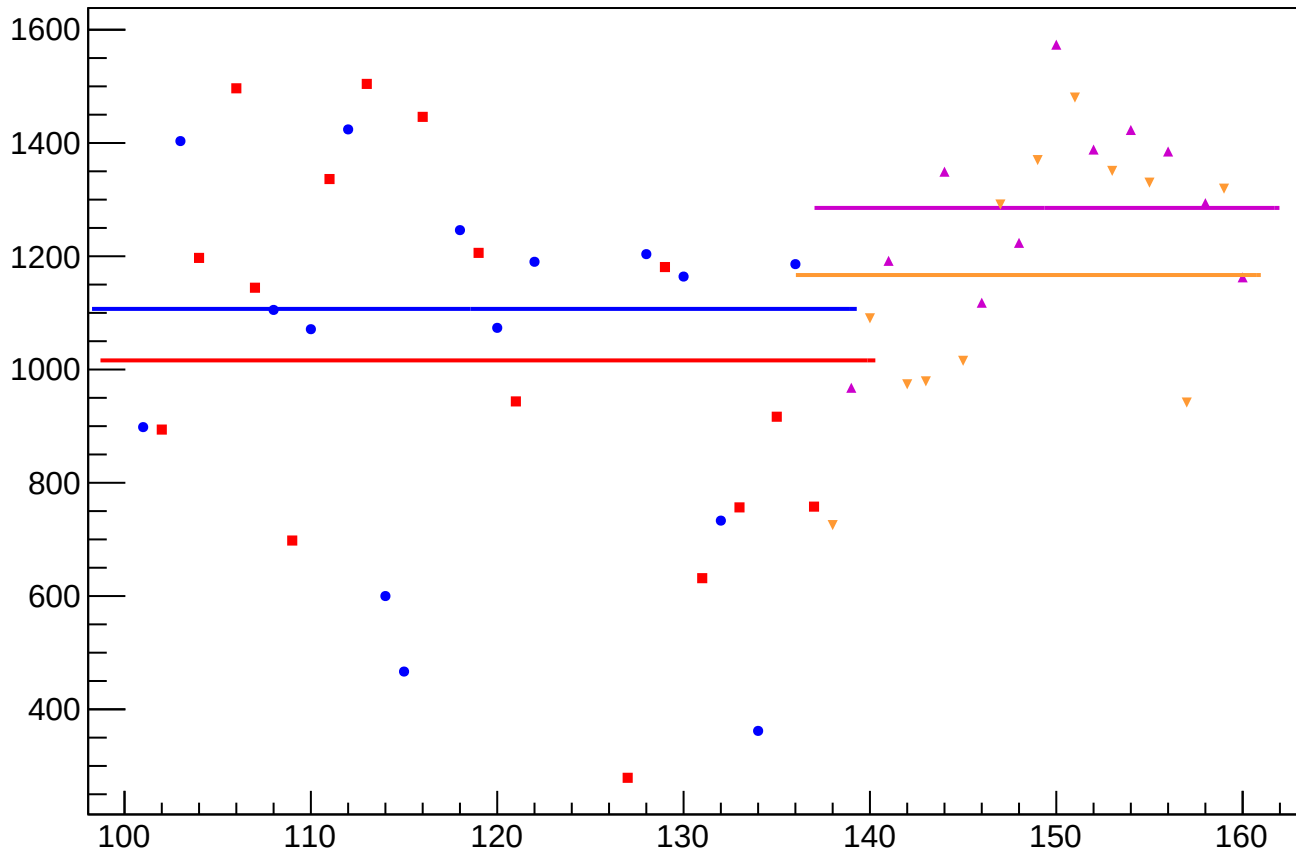
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

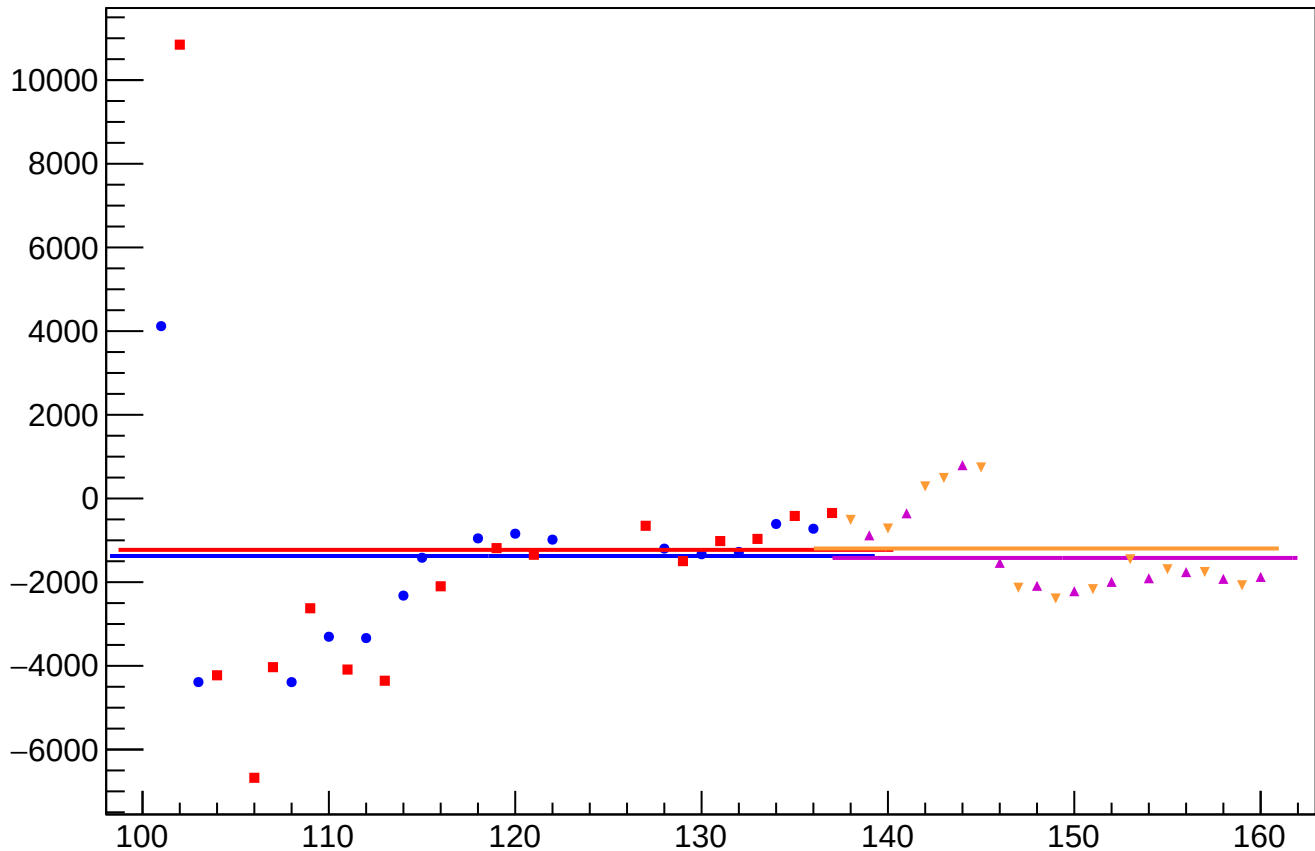
Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

+ sign 1142.031 $\pm$ 0.000 χ^2 /NDF: 86643588377316

All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442

- sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

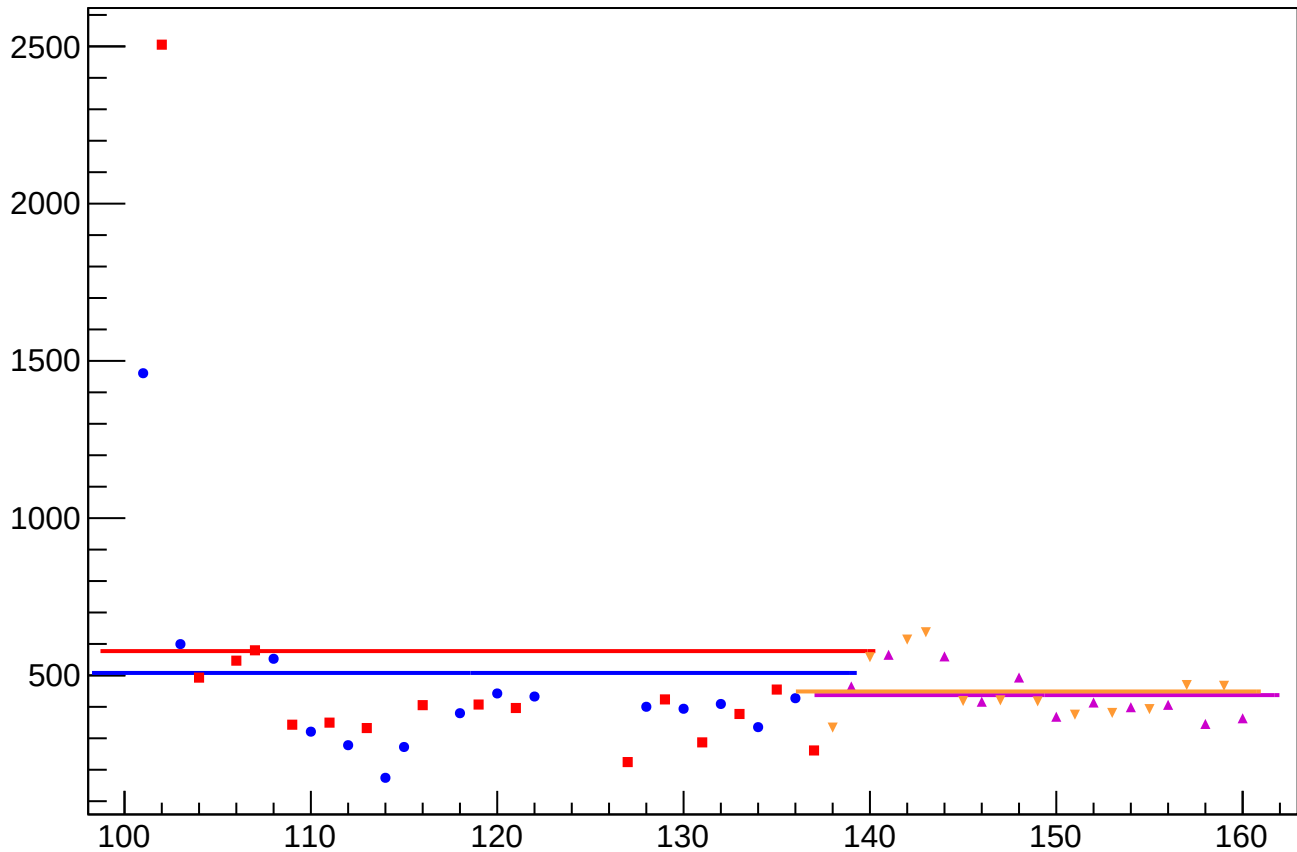
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1194.978+/-0.000	χ^2/NDF : 1012982164343735644721296583058593415168.0/11
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1420.806+/-0.000	χ^2/NDF : 747987085785920162637916932217361137664.0/10

+ sign -1269.525+/-0.000 χ^2/NDF : 4097990392534
 All: -1305.037+/-0.000 χ^2/NDF : 1597961645
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 448.905+/-0.000 χ^2/NDF : 6972444969041725929744111494148128768.0/11

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

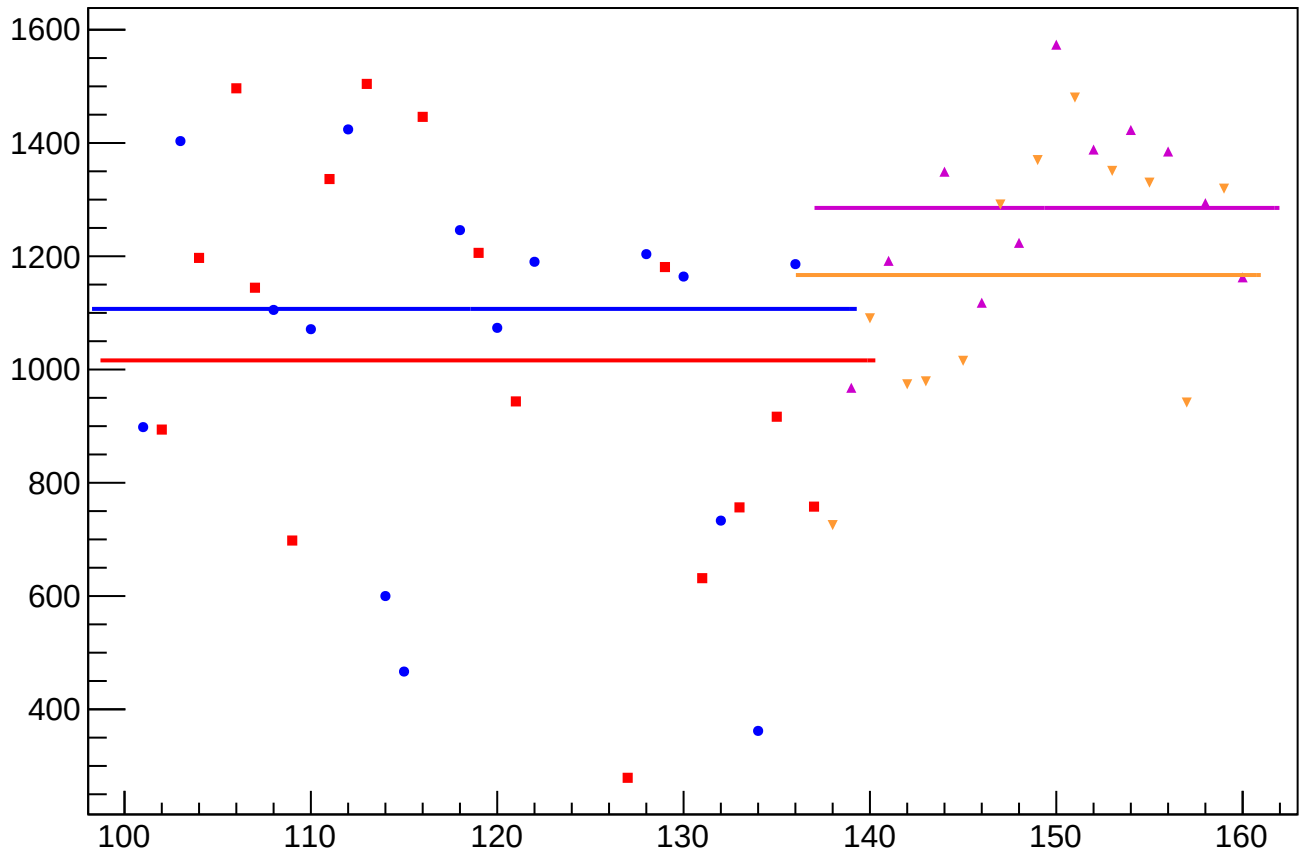
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

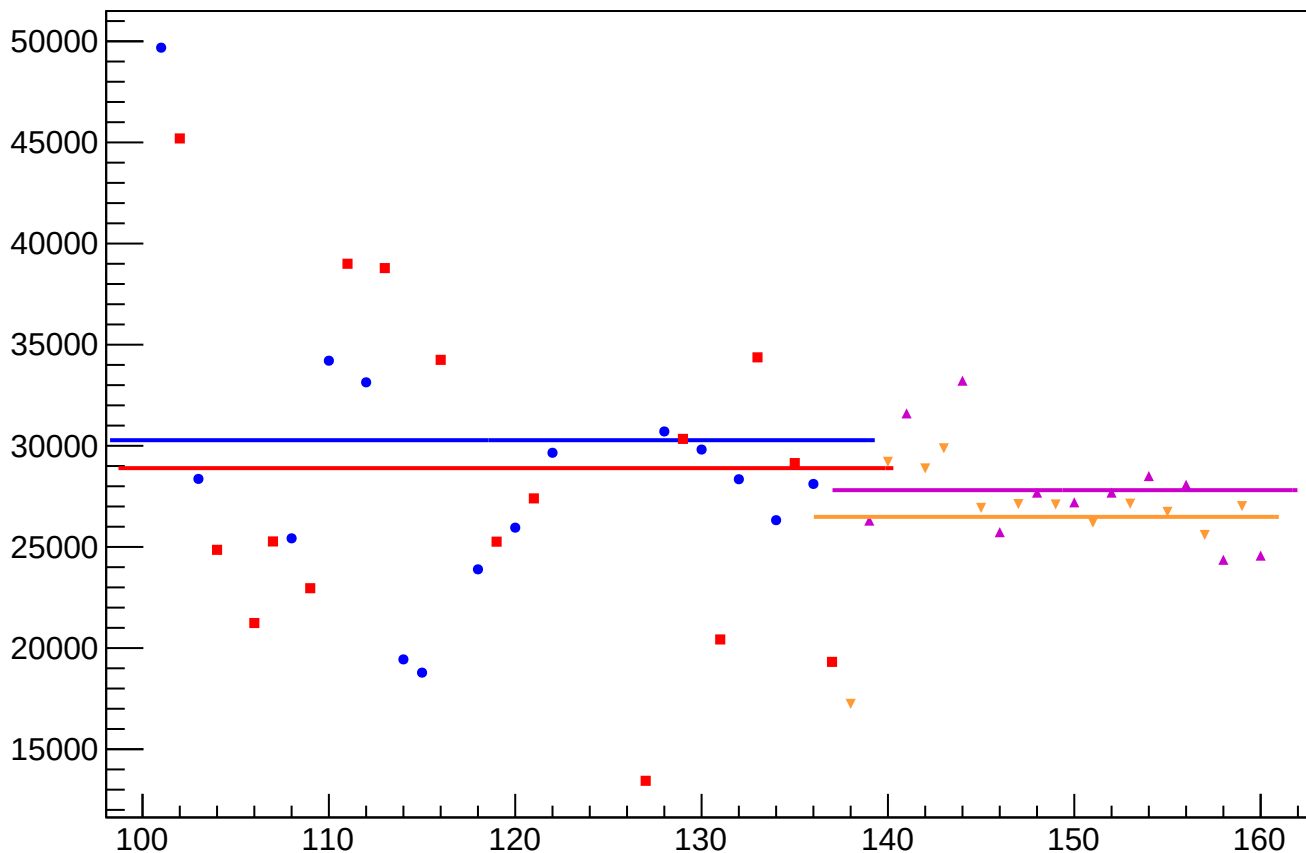
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

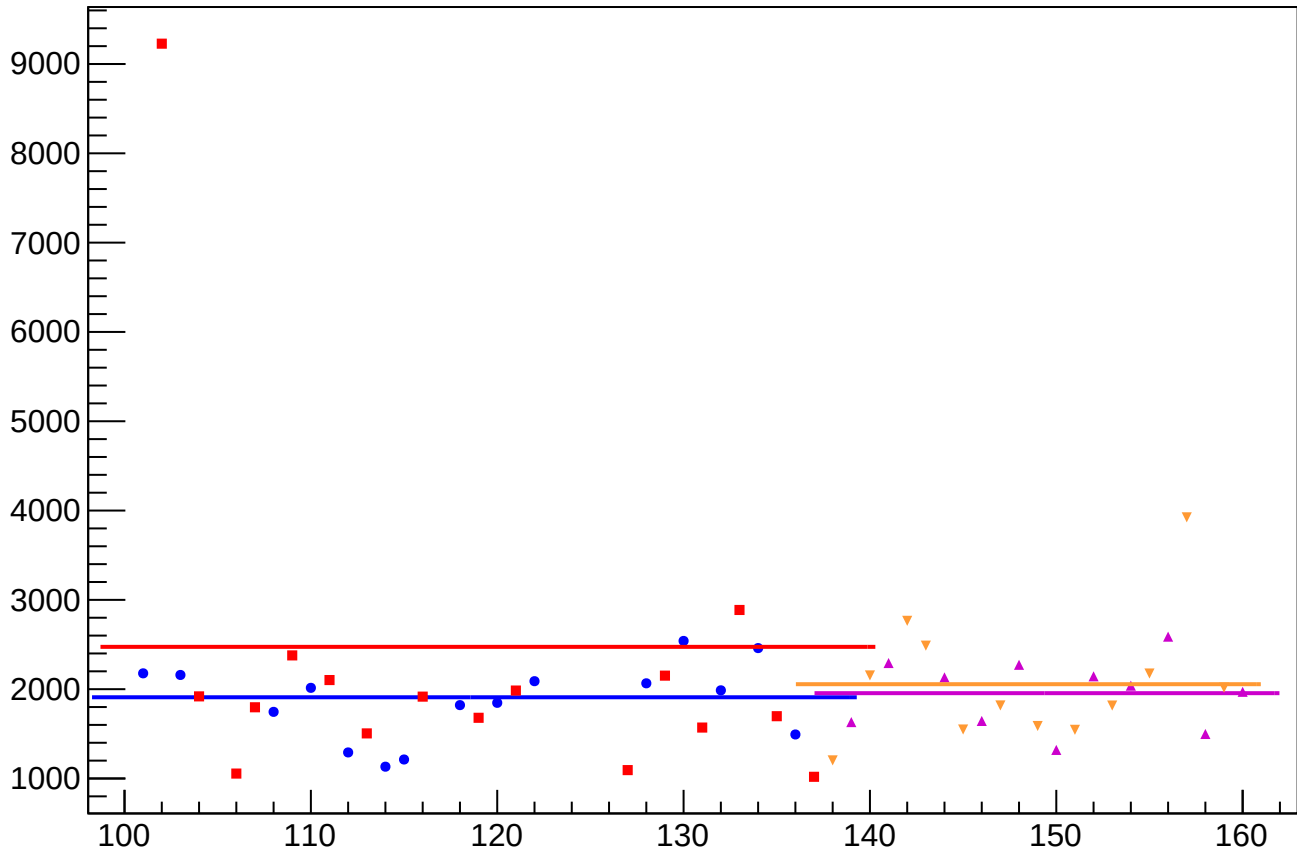
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26486.725+/-0.000	χ^2/NDF : 8520993483340987429131750717035884052480.0/11
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 27807.237+/-0.000	χ^2/NDF : 6193058620219899678835139815803642183680.0/10

+ sign 28060.820+/-0.000 χ^2/NDF : 4495105358177
 All: 28163.219+/-0.000 χ^2/NDF : 986055664
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

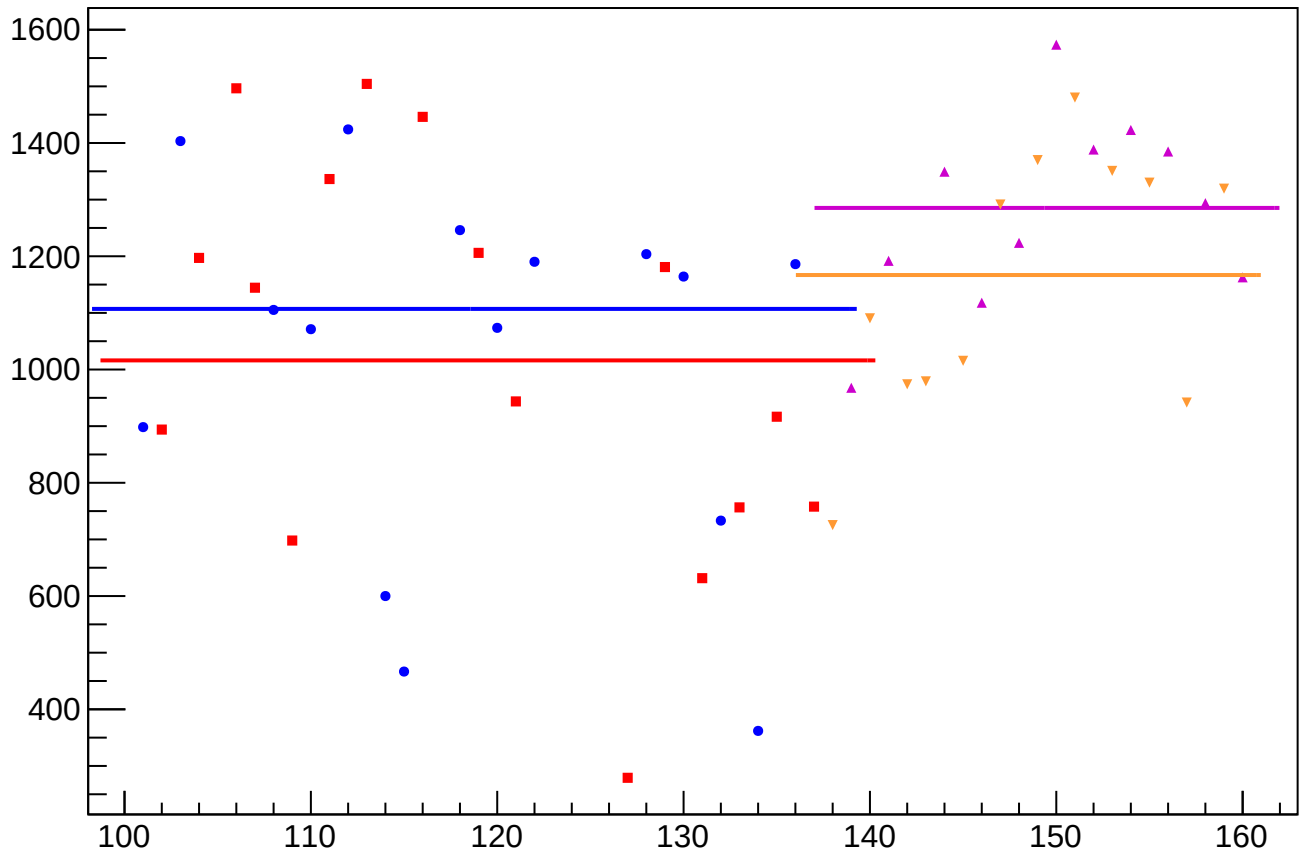
dit_atr2_coil4_err_mean vs Slug



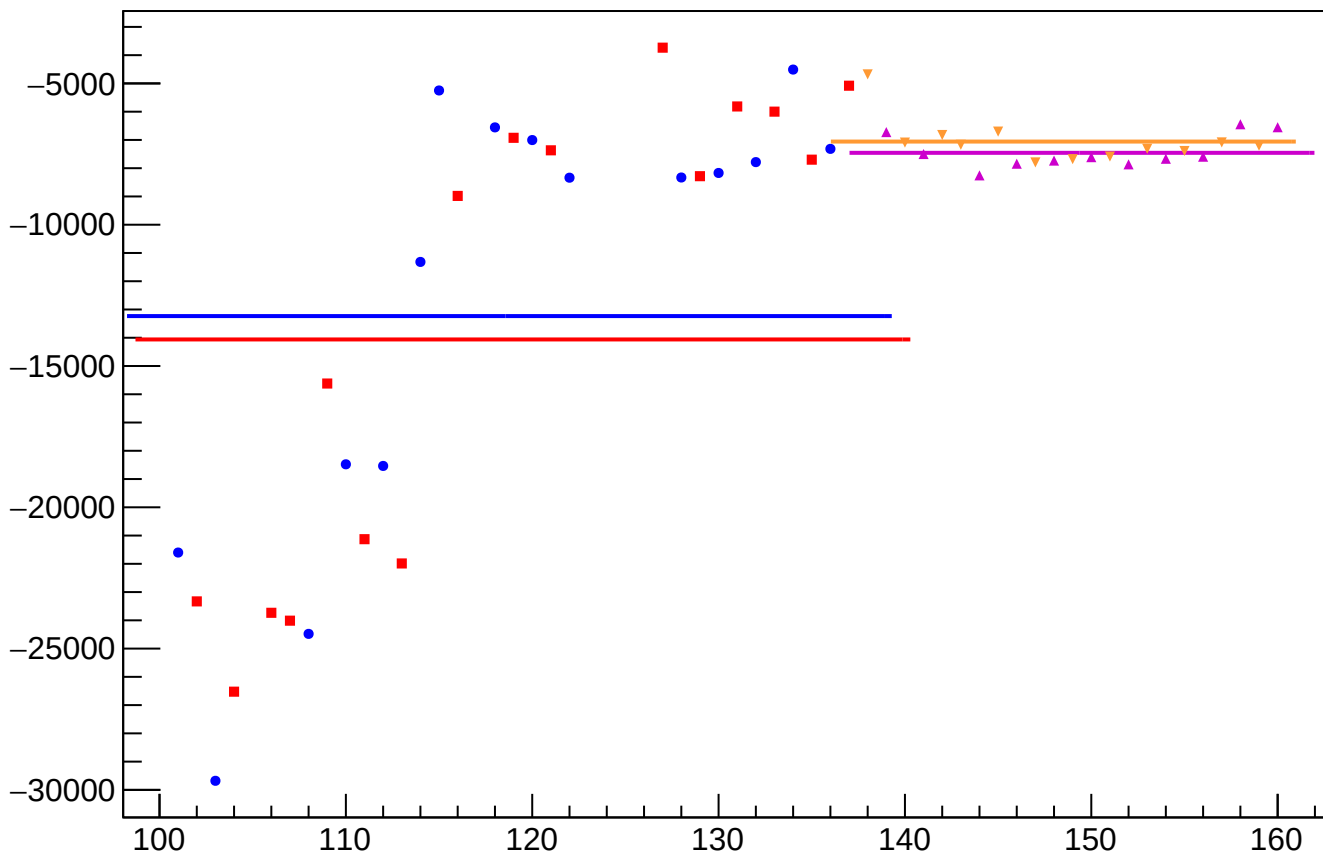
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2055.788+/-0.000	χ^2/NDF : 438010168588723075505721290768963862528.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

+ sign 1995.018+/-0.000 χ^2/NDF : 53377625694473
 All: 2084.675+/-0.000 χ^2/NDF : 38237081973
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

+ sign -9621.893+/-0.000 χ^2/NDF : 5629932940229

Left Out: -7057.509+/-0.000 χ^2/NDF : 567022768290026836186795118569021505536.0/11

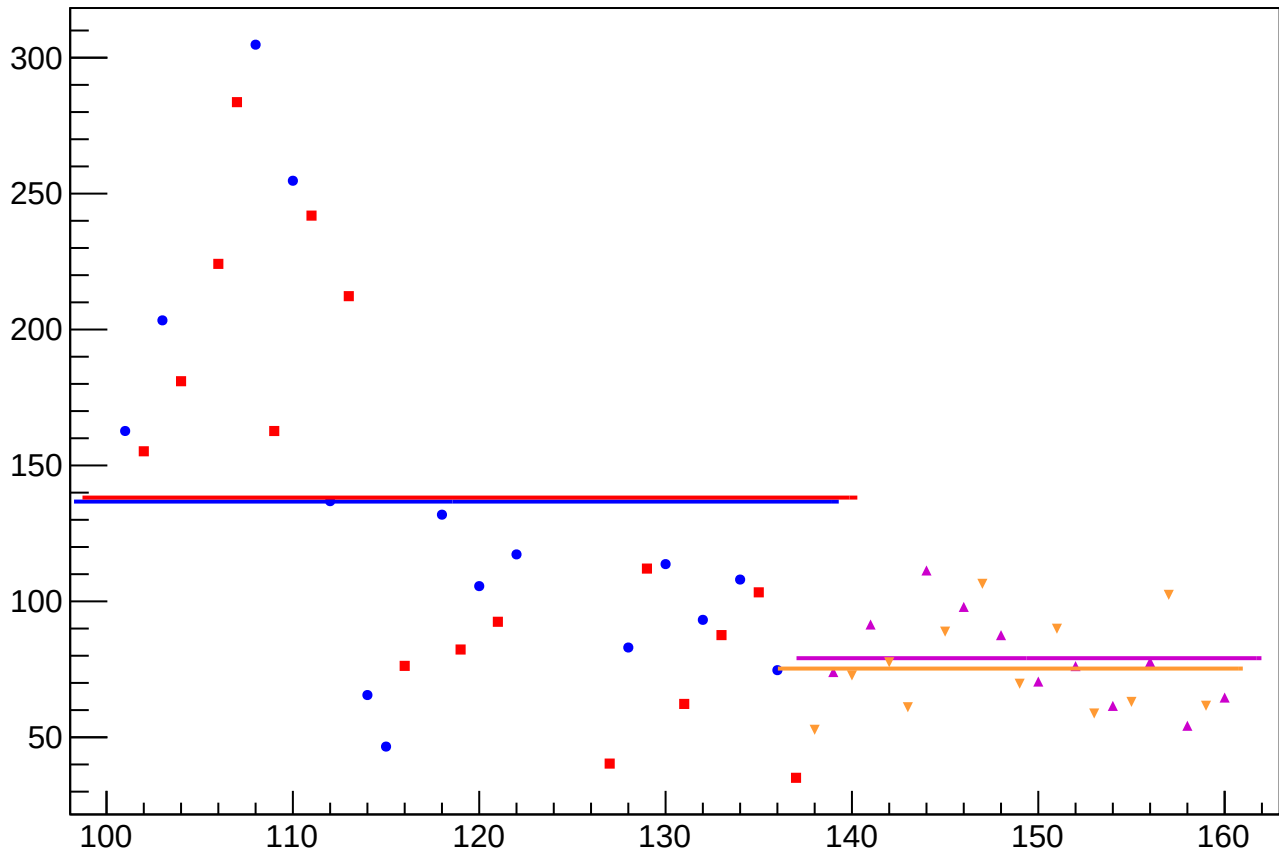
All: -9925.988+/-0.000 χ^2/NDF : 1182552632

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

- sign -10224.731+/-0.000 χ^2/NDF : 6166940420799

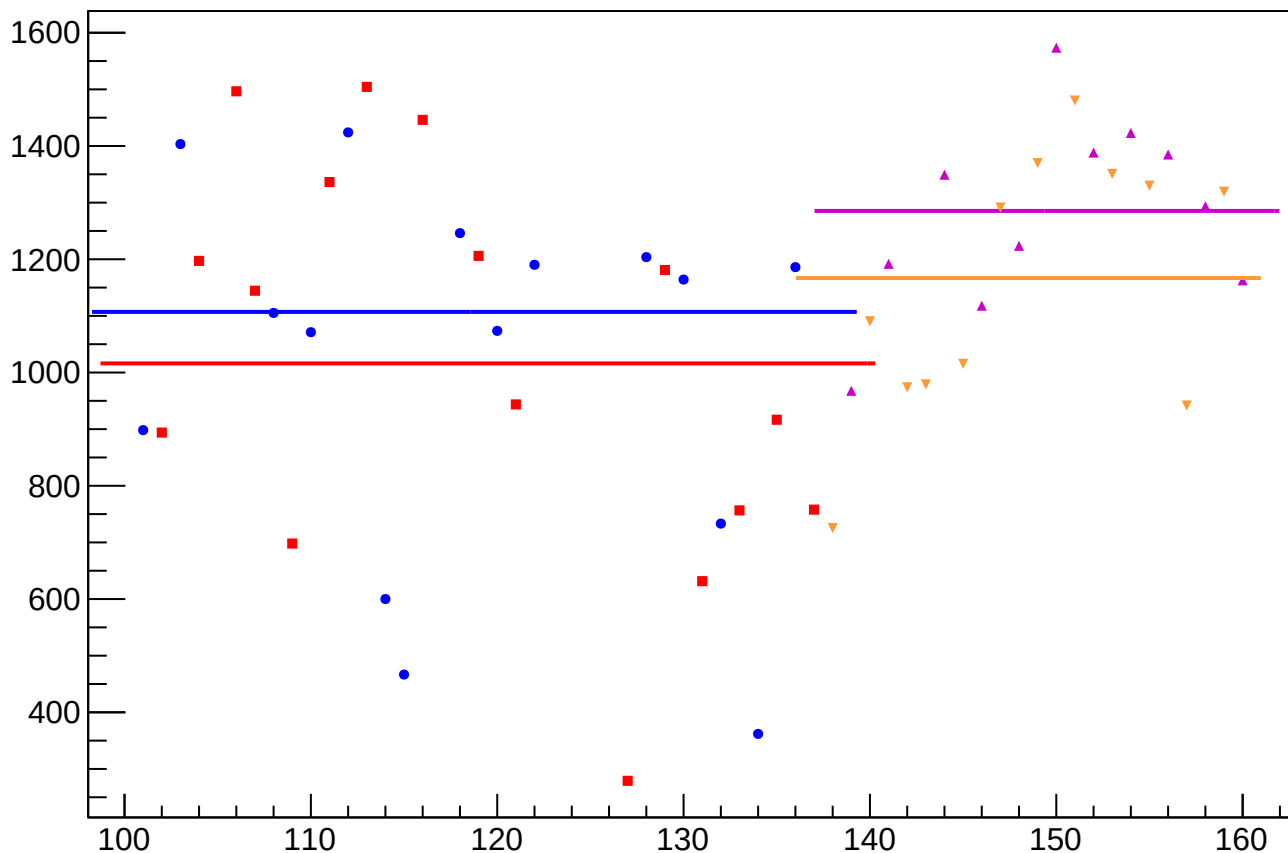
Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14
 Left Out: 75.280 $\pm$ 0.000 χ^2 /NDF: 271565230291715258223184233837363200.0/11
 Right Out: 138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15
 Left In: 79.096 $\pm$ 0.000 χ^2 /NDF: 243975342218114768326270780809674752.0/10
 All: 102.340 $\pm$ 0.000 χ^2 /NDF: 922540453685
 + sign 100.788 $\pm$ 0.000 χ^2 /NDF: 439084065337808
 - 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

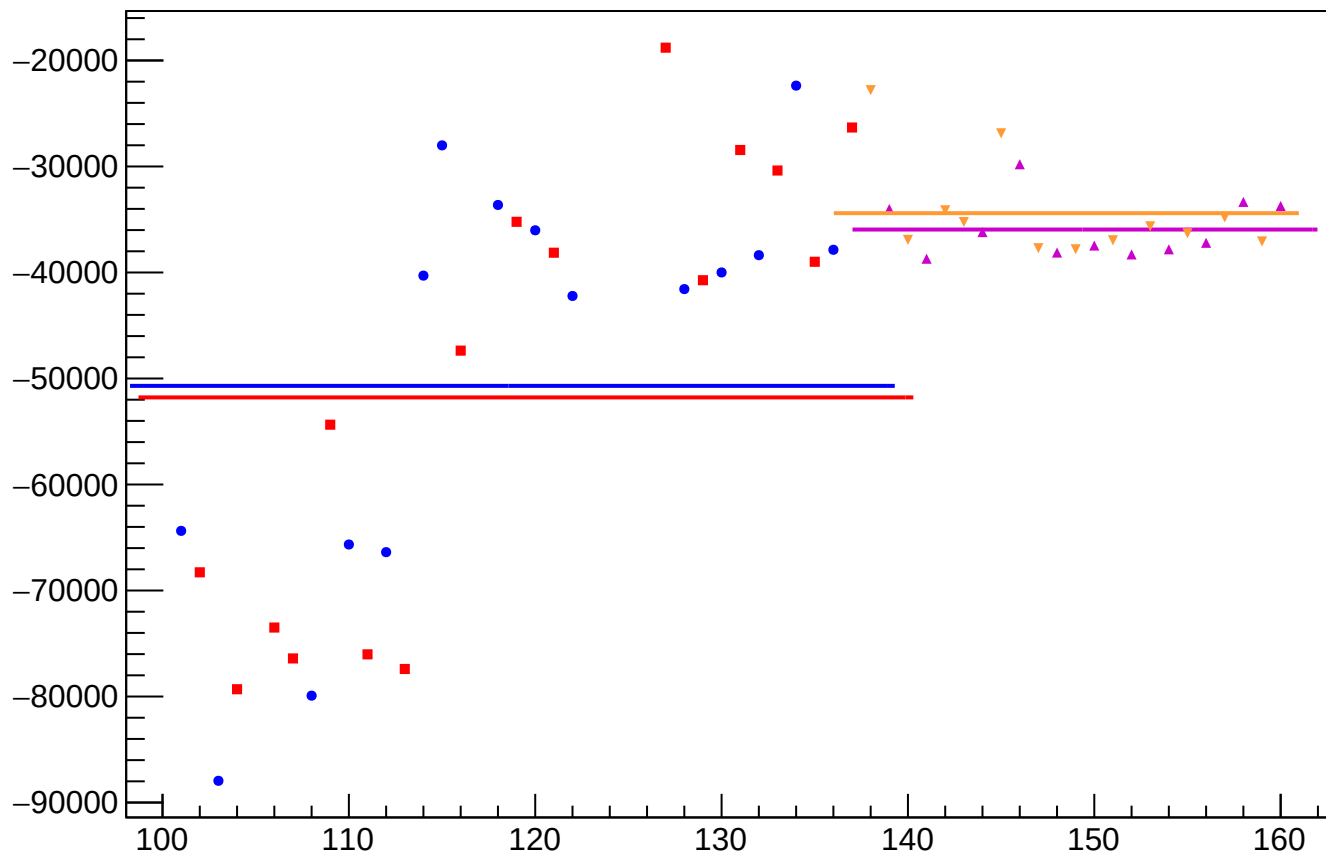
Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

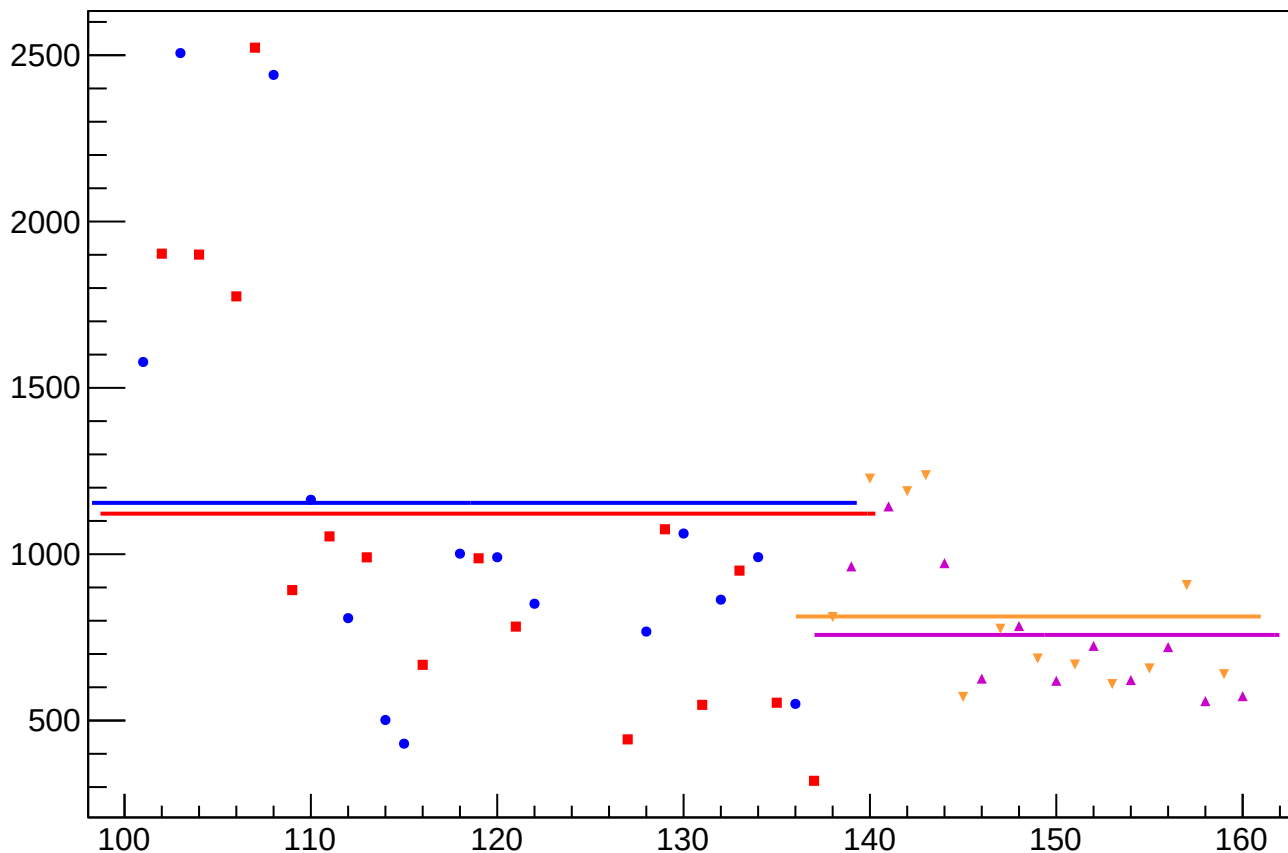
All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442

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

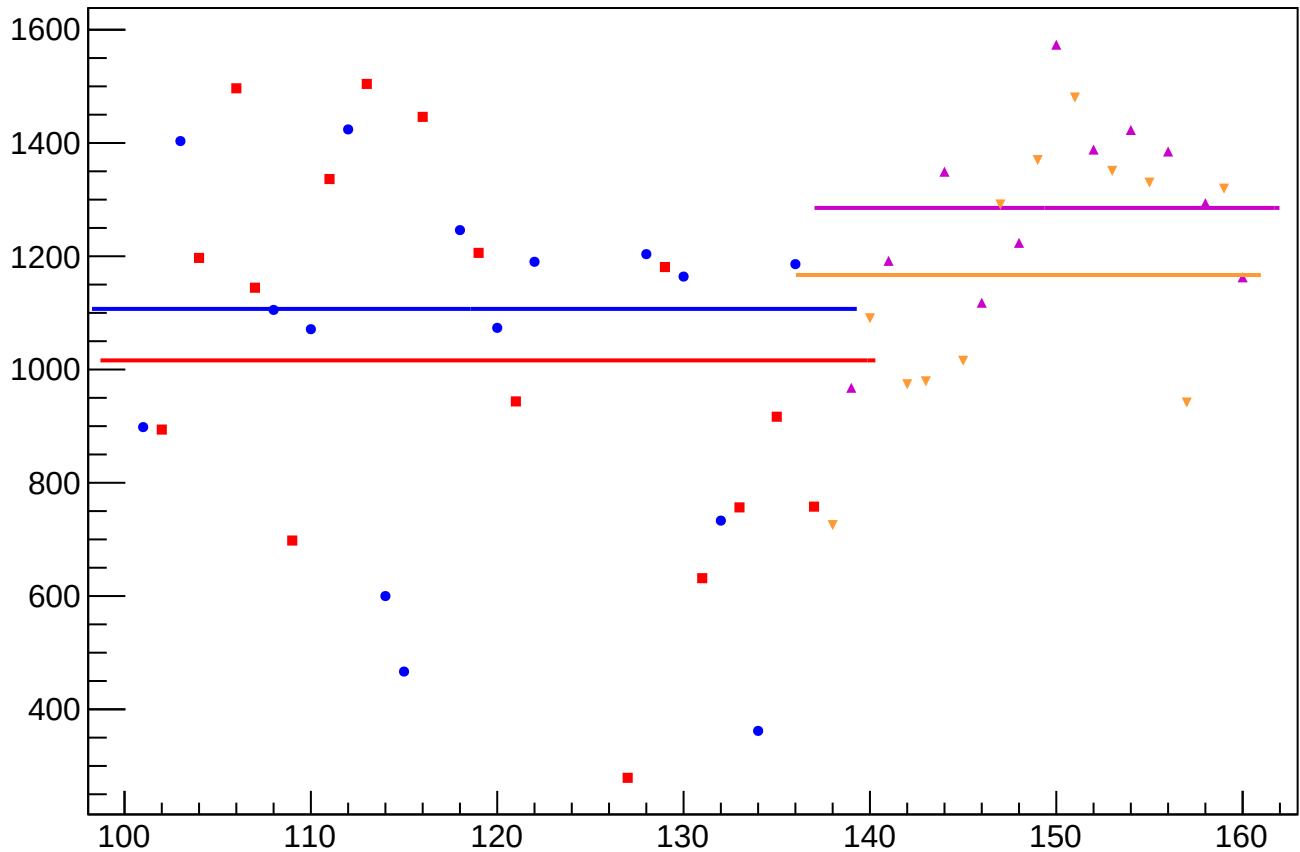
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

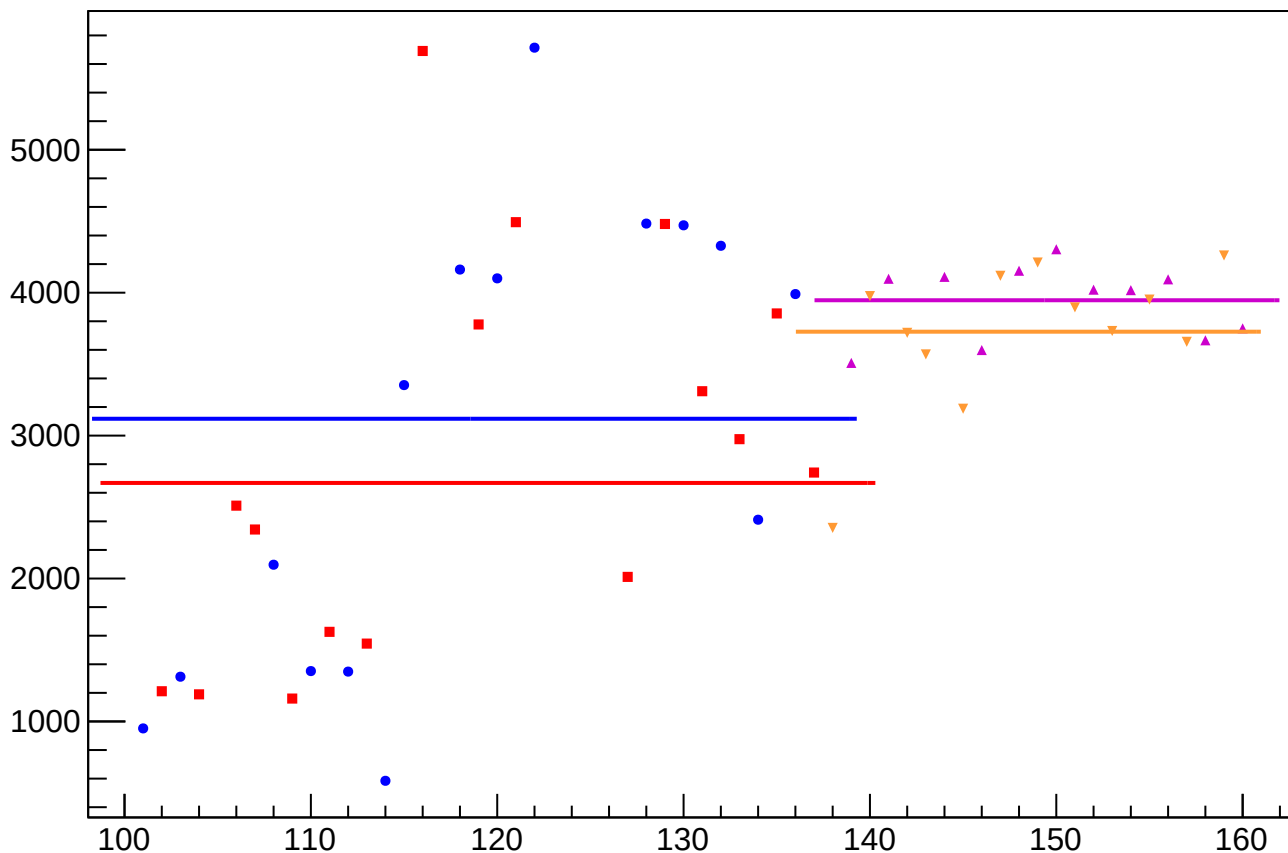
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



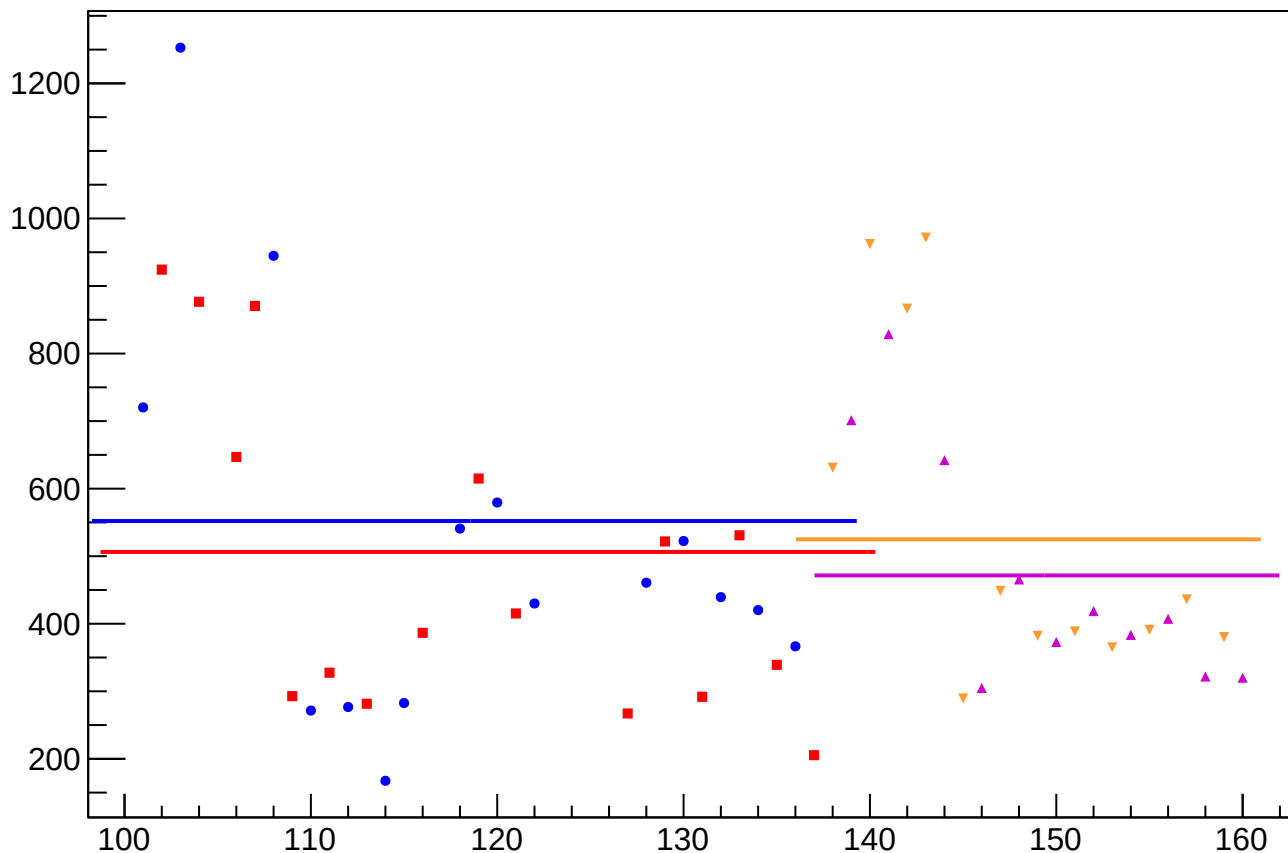
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 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
 Left Out: 3727.095+/-0.000 χ^2/NDF : 237477678561542860292825834329185714176.0/11
 Right Out: 2668.794+/-0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: 3947.046+/-0.000 χ^2/NDF : 56963661018859057070812095134472077312.0/10

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

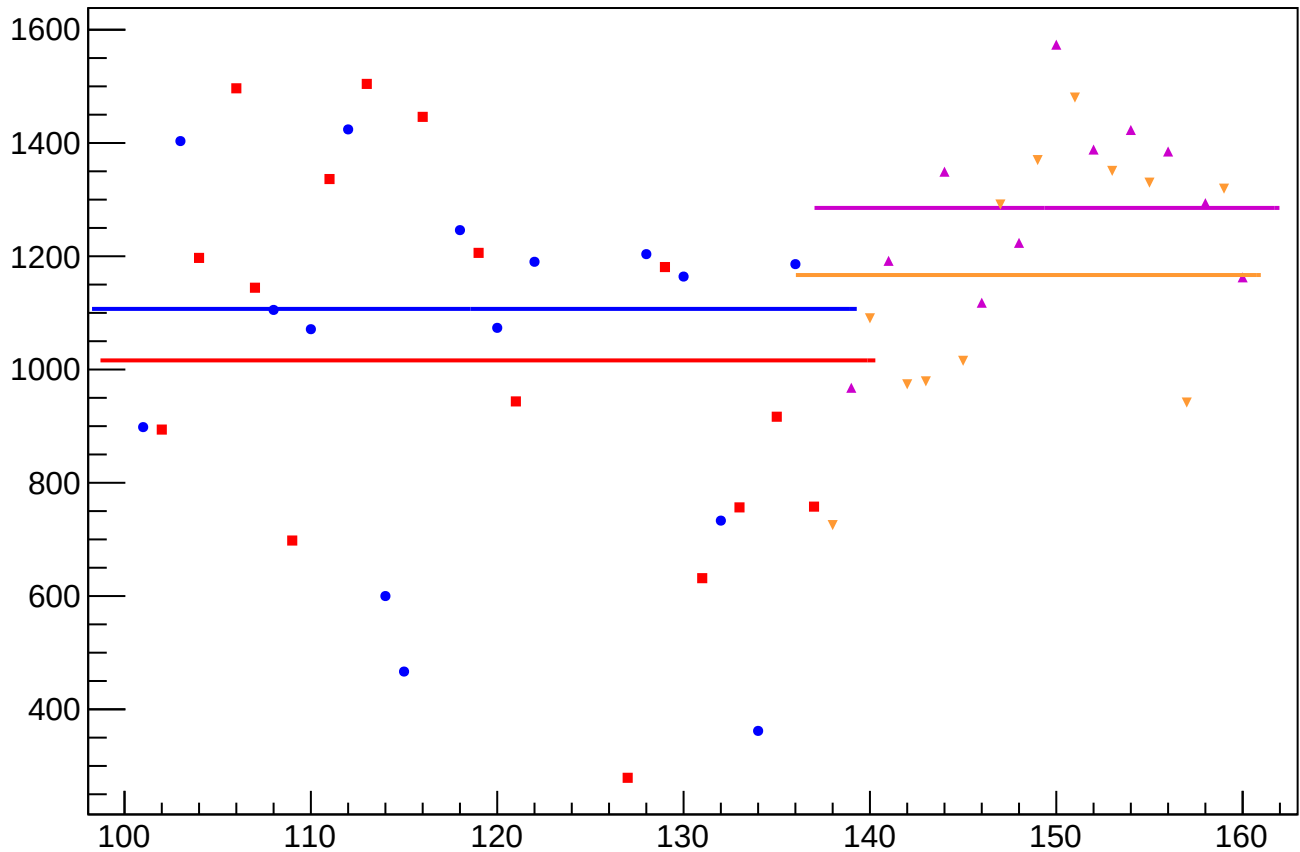
Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

+ sign 536.247+/-0.000 χ^2/NDF : 100138864573436

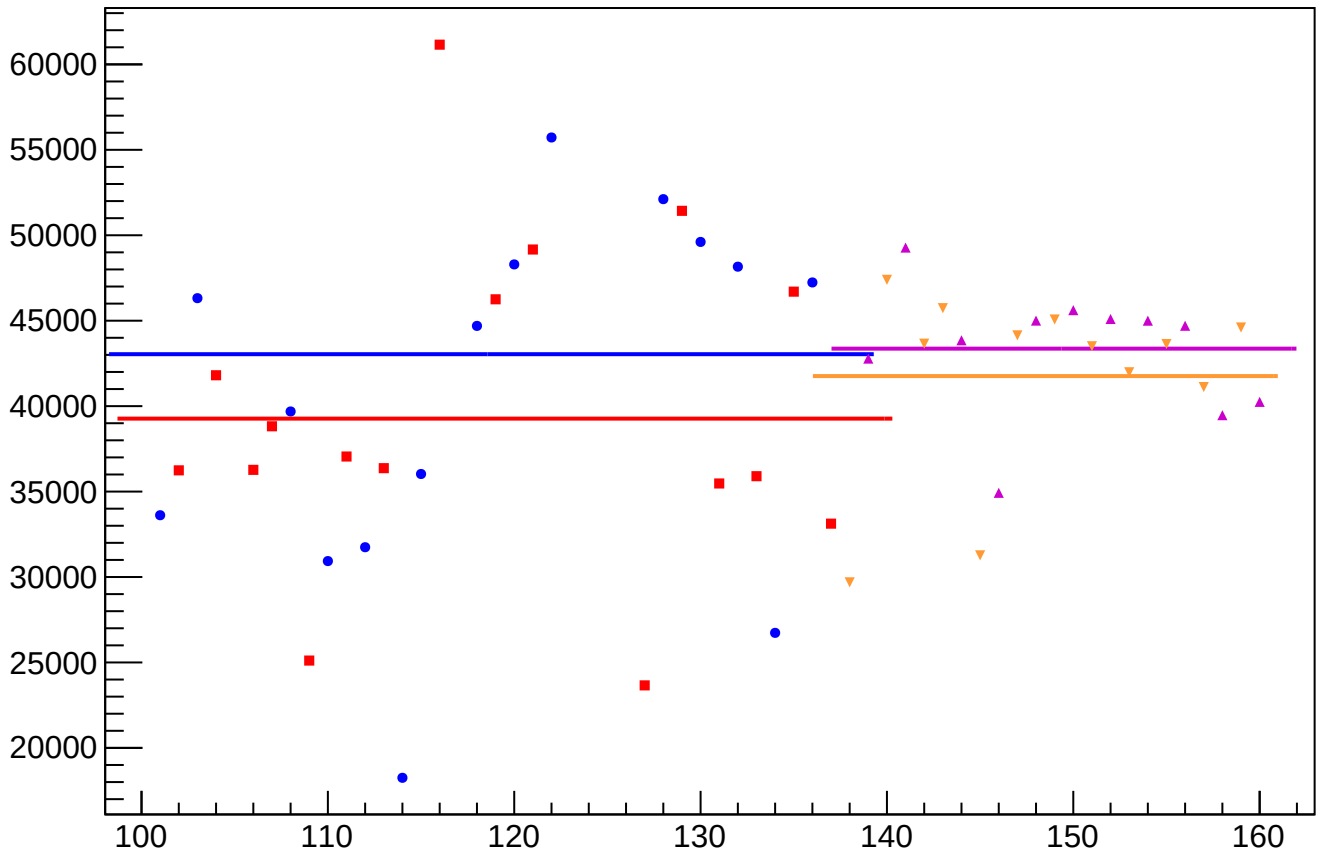
All: 510.967+/-0.000 χ^2/NDF : 165450893043

- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

dit_sam3_coil4_Ndata_mean vs Slug



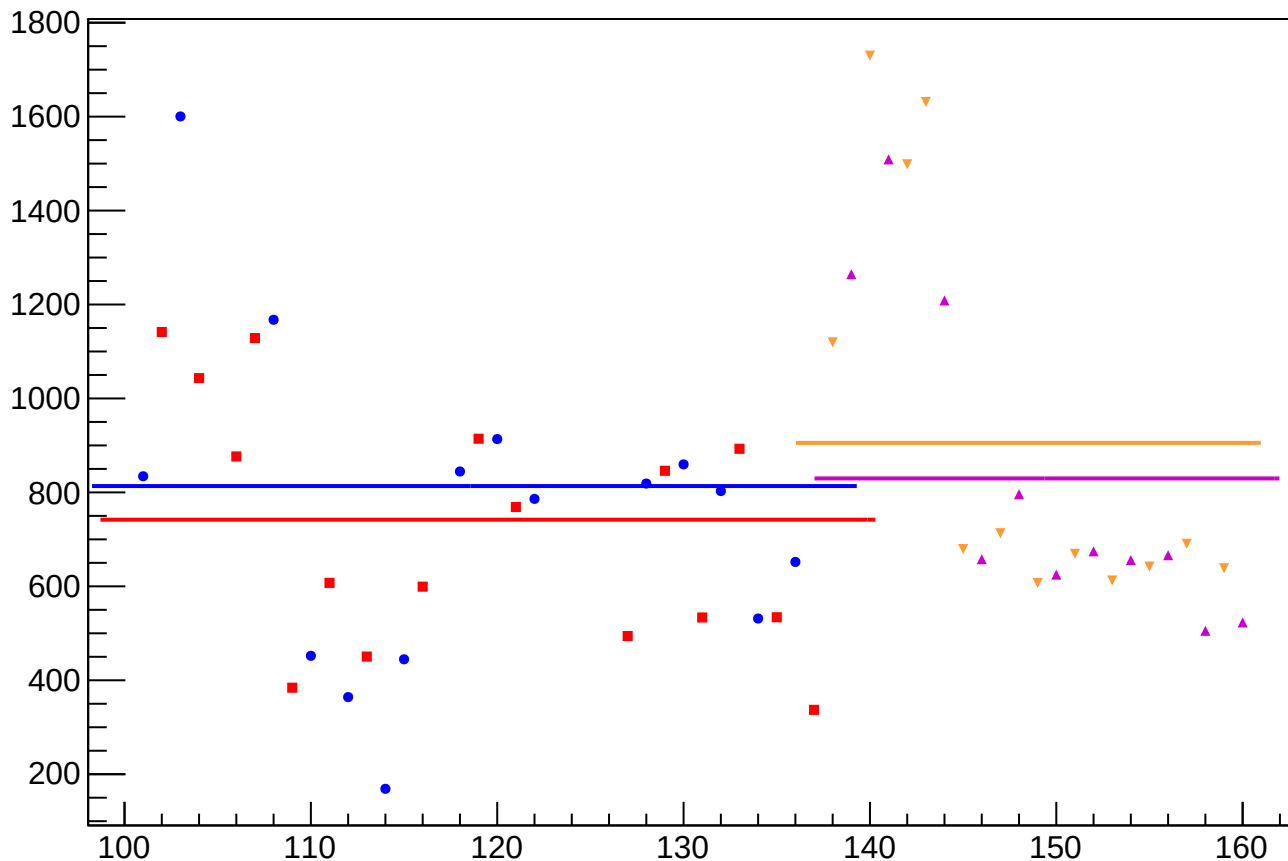
dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42291.015+/-0.000 χ^2/NDF : 7535805649529
 All: 41966.664+/-0.000 χ^2/NDF : 146263445
 - sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



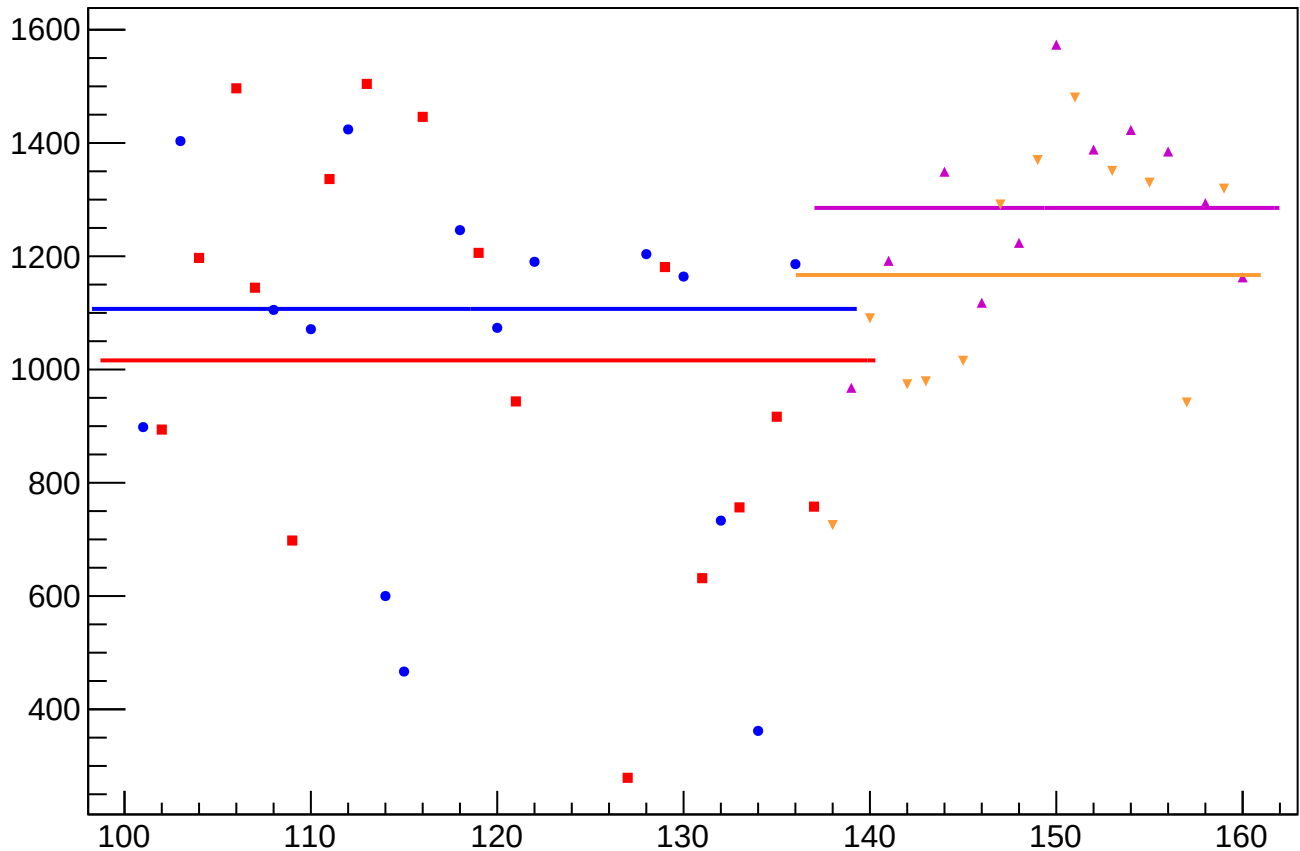
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

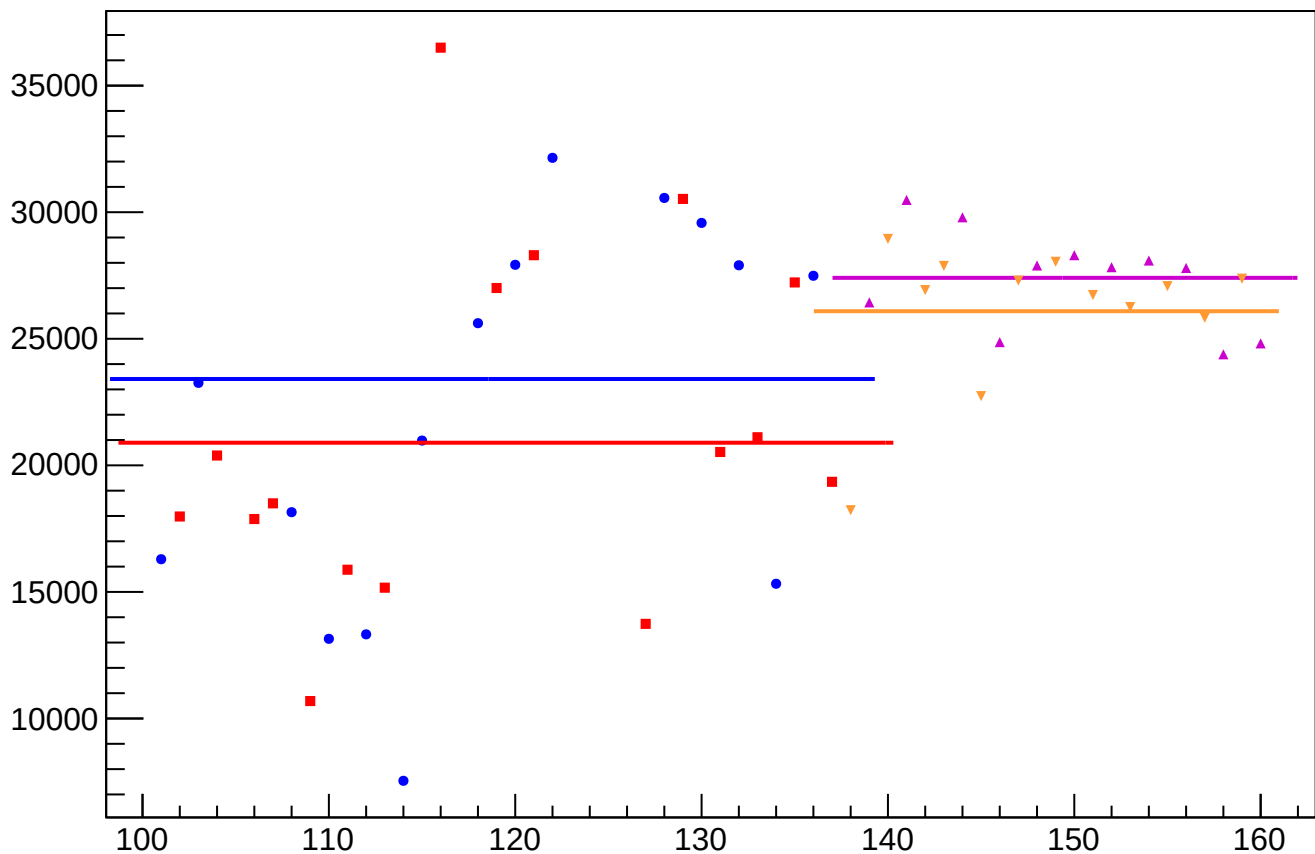
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

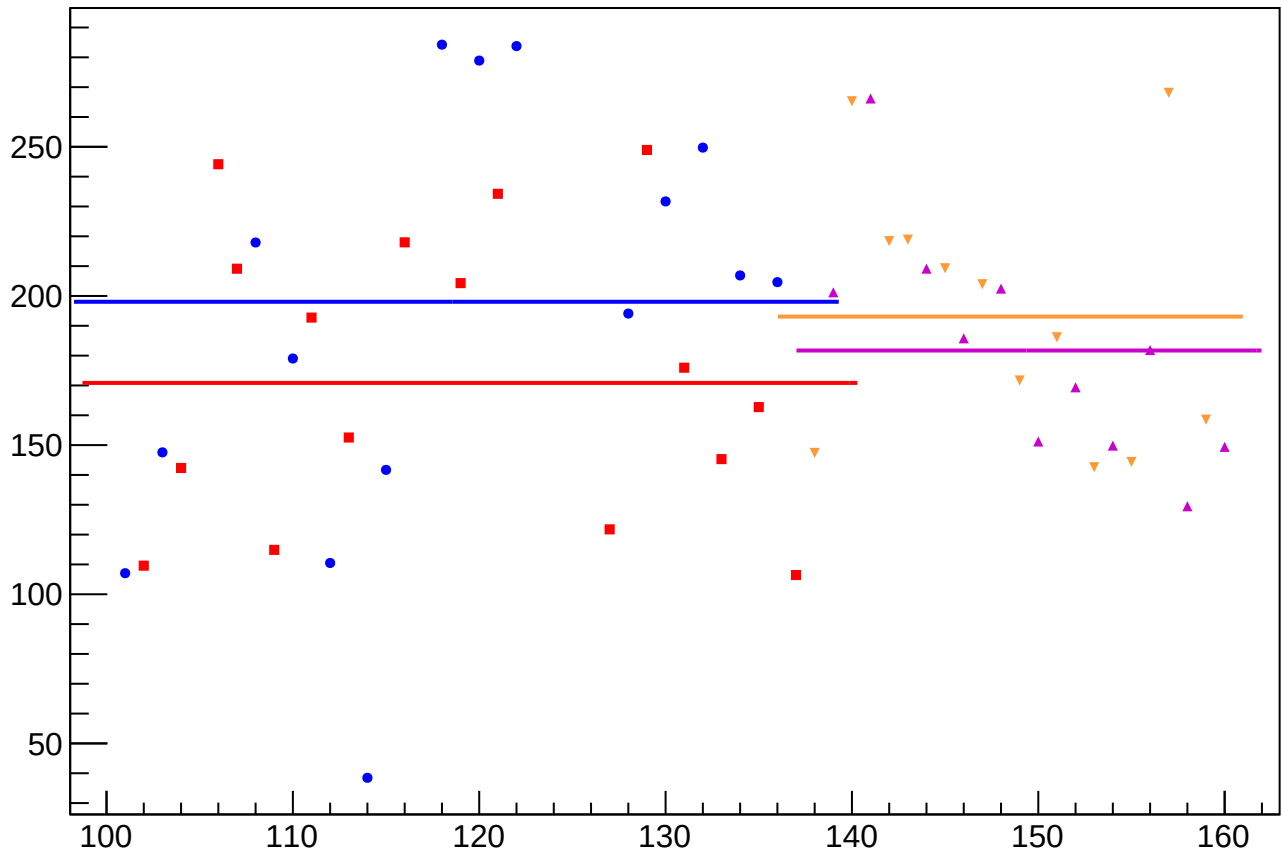
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 26089.435+/-0.000	χ^2/NDF : 7297474697325231234633060364075485102080.0/11
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27407.255+/-0.000	χ^2/NDF : 3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF : 3844656677924
 All: 24825.775+/-0.000 χ^2/NDF : 8568215489
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056 +/- 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 193.084 +/- 0.000 χ^2/NDF : 1682749705439949881122511912389574656.0/11

Right Out: 170.851 +/- 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

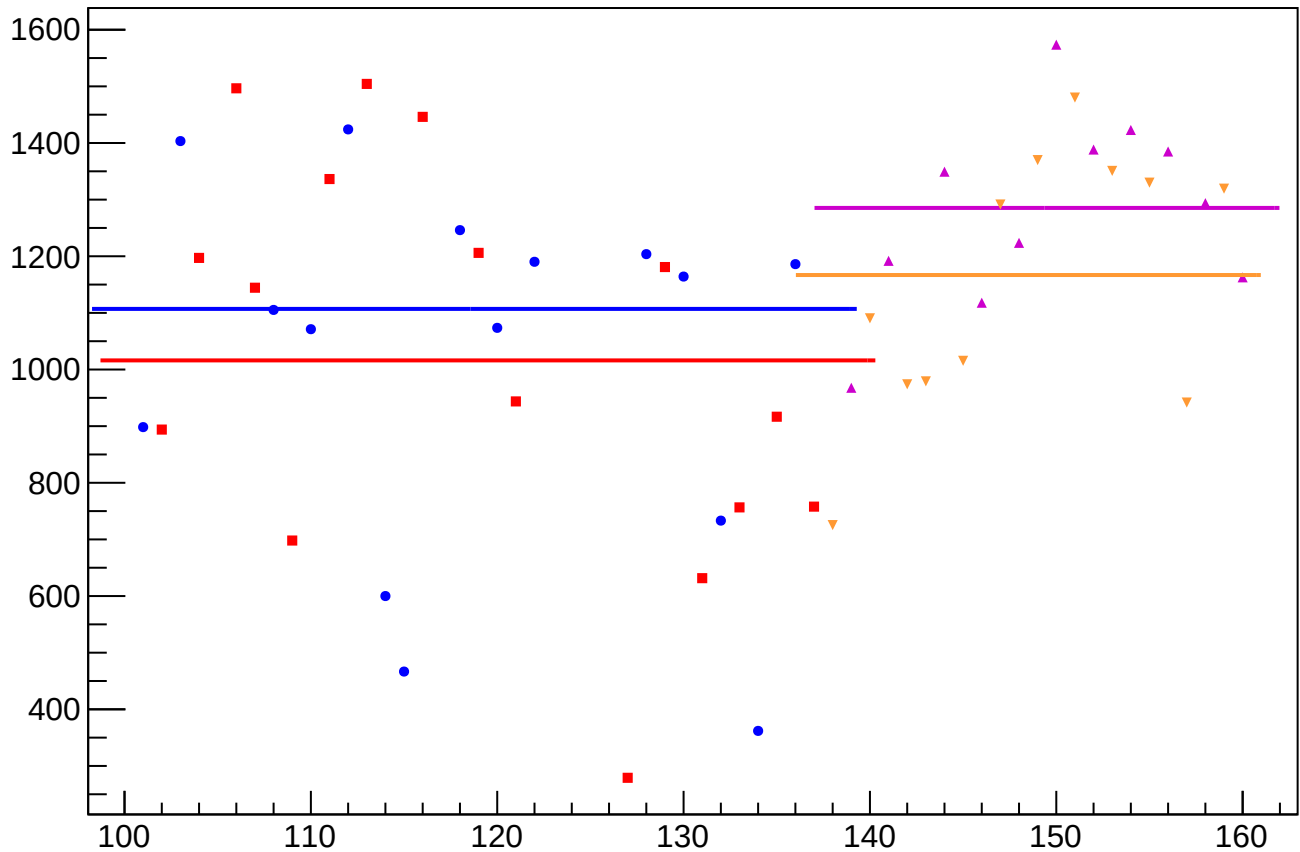
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

All: 186.074 +/- 0.000 χ^2/NDF : 712277108618

+ sign 195.148 +/- 0.000 χ^2/NDF : 417506015542371

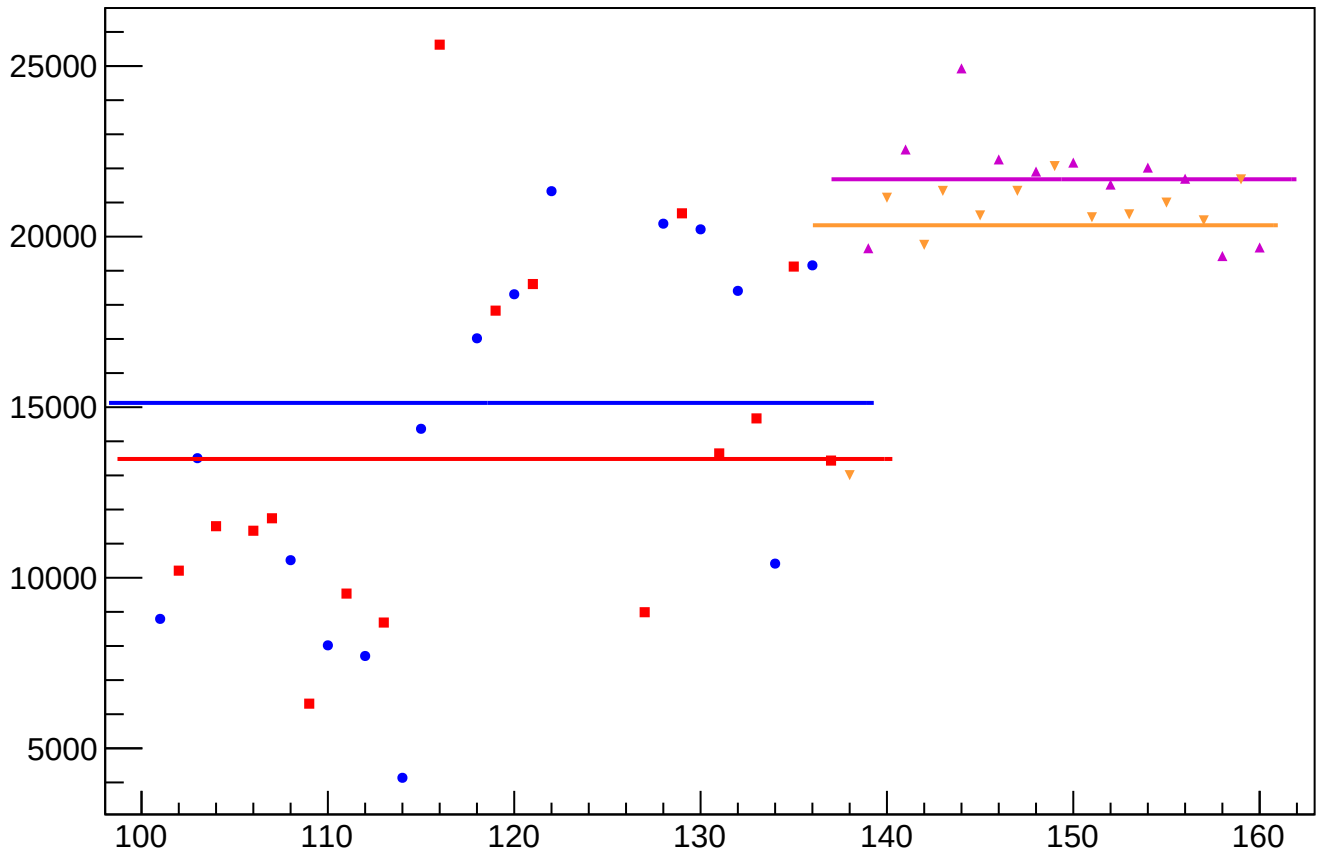
- sign 177.159 +/- 0.000 χ^2/NDF : 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

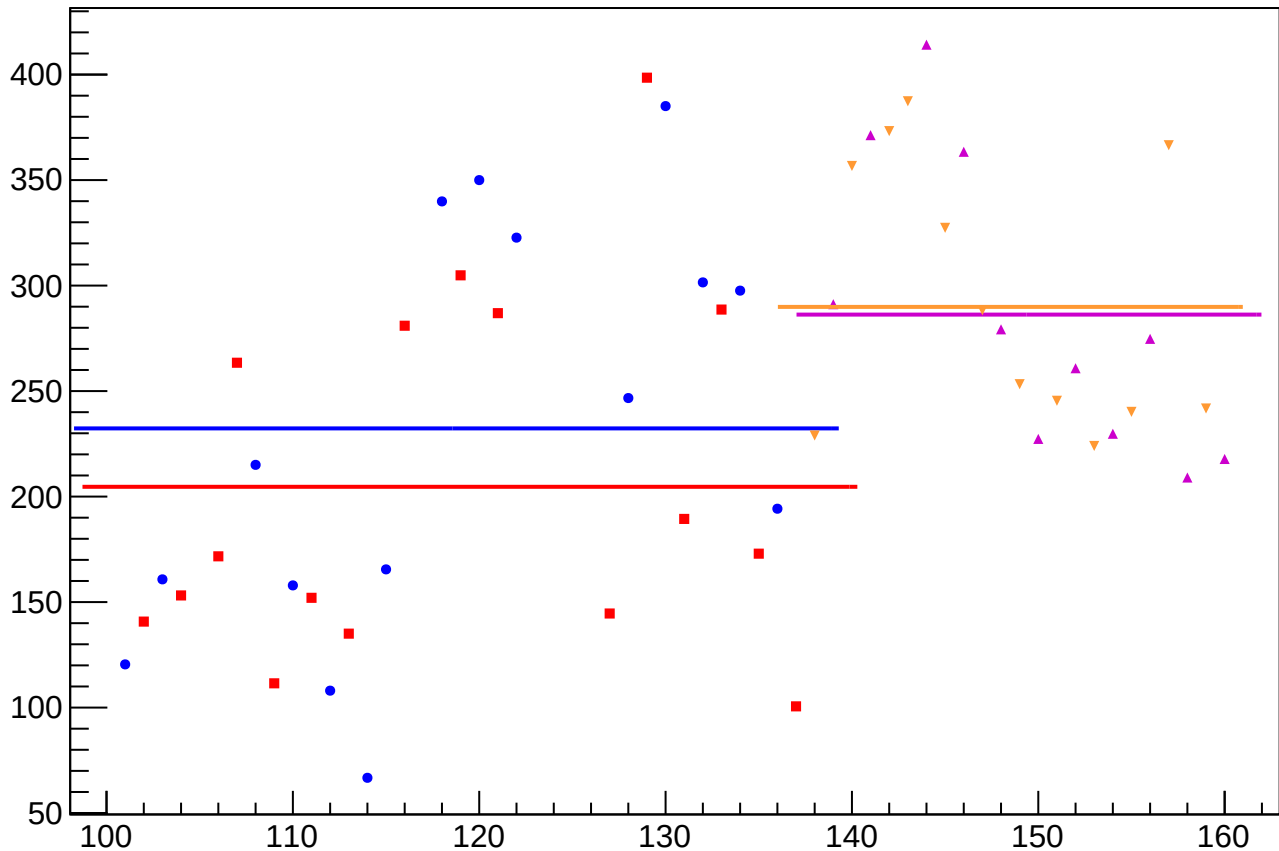
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20333.061+/-0.000	χ^2/NDF : 4855949225776942763226853940369054236672.0/11
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21681.241+/-0.000	χ^2/NDF : 2108874573649202621711530332866310307840.0/10

+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

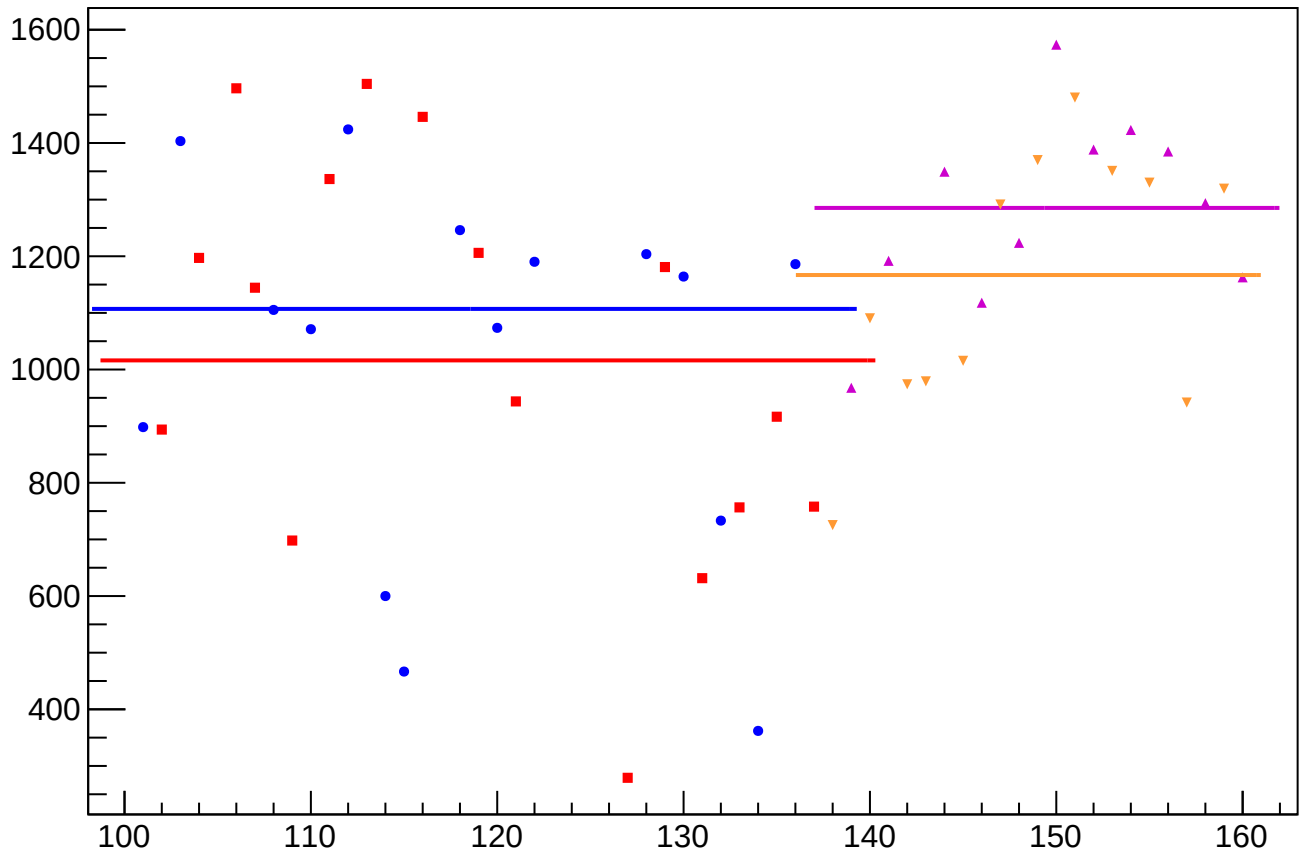
dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14
Left Out: 289.897+/-0.000	χ^2/NDF : 3202390993231935504147250998086205440.0/11
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10

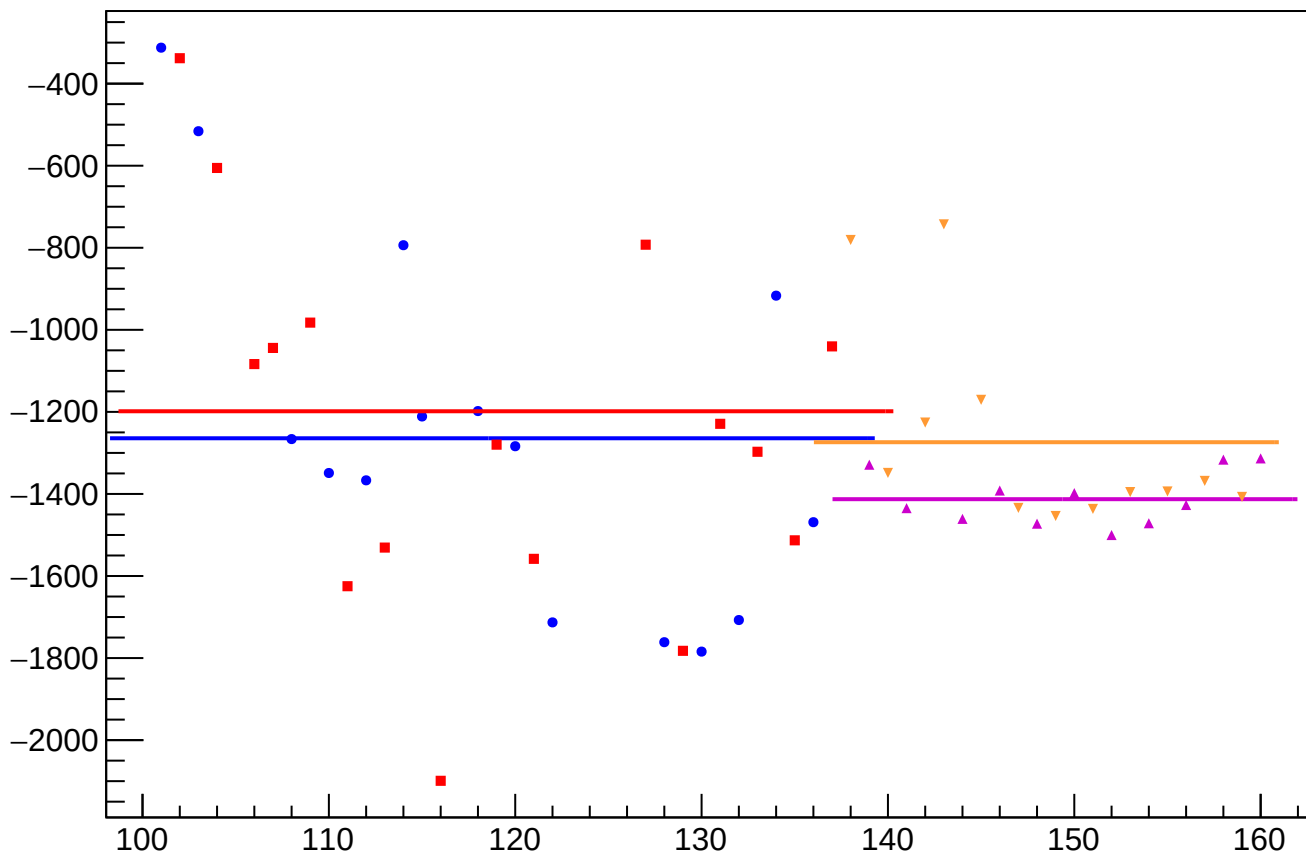
+ sign 265.986+/-0.000 χ^2/NDF : 993907240808893
 All: 258.948+/-0.000 χ^2/NDF : 212946744199
 - sign 252.033+/-0.000 χ^2/NDF : 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug



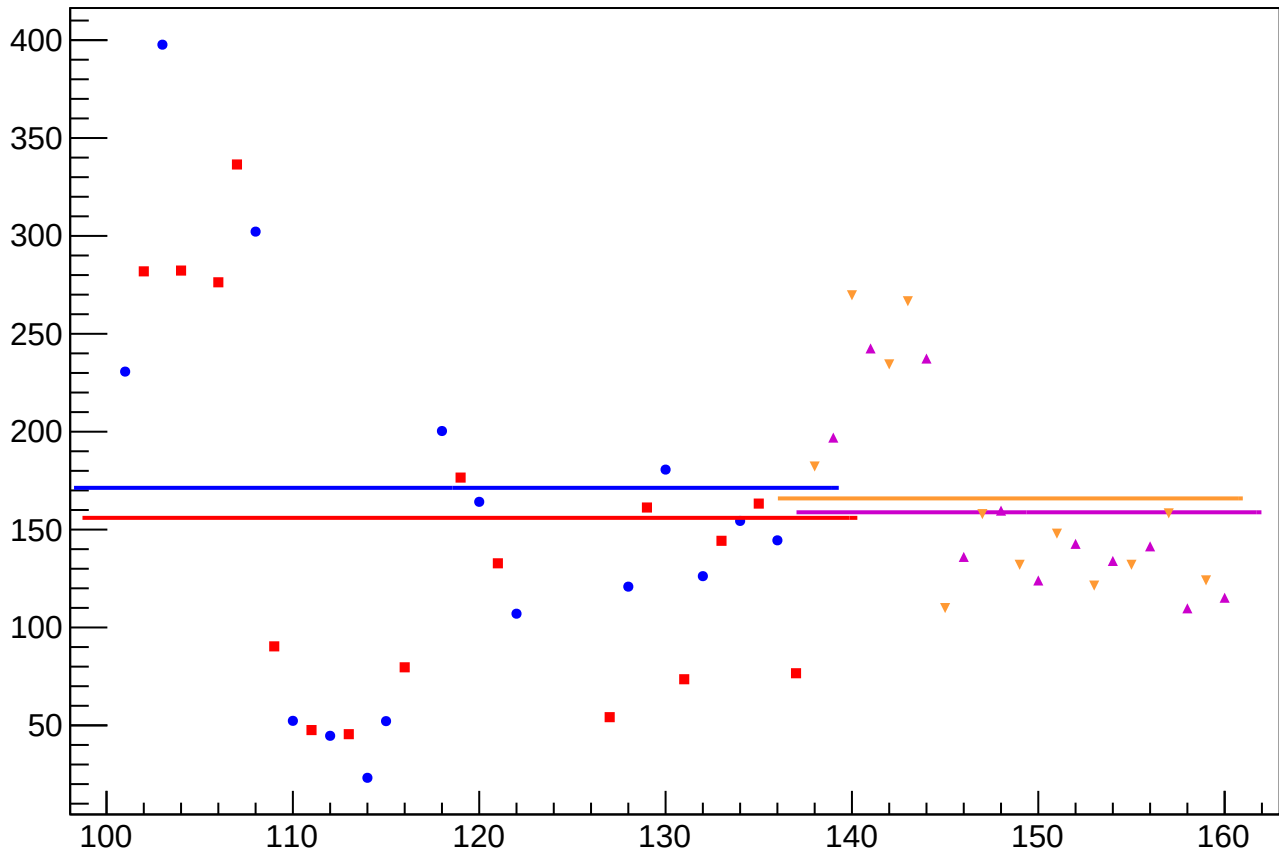
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



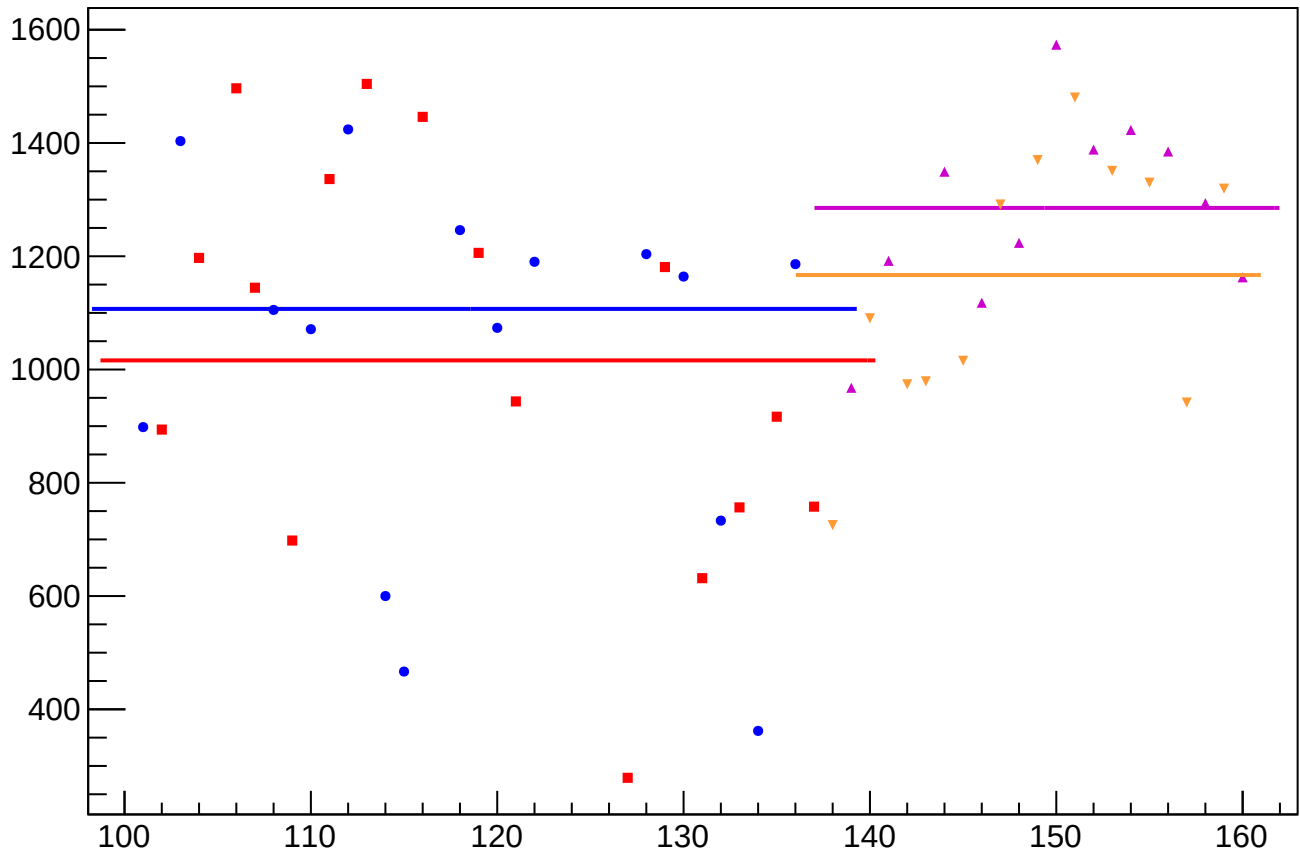
Right In: -1264.303+/-0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912+/-0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483+/-0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771+/-0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10
 All: -1296.664+/-0.000 χ^2/NDF : 3455789240
 + sign -1269.922+/-0.000 χ^2/NDF : 1907675135798
 - sign -1322.935+/-0.000 χ^2/NDF : 15259559017097

dit_sam7_coil4_err_mean vs Slug



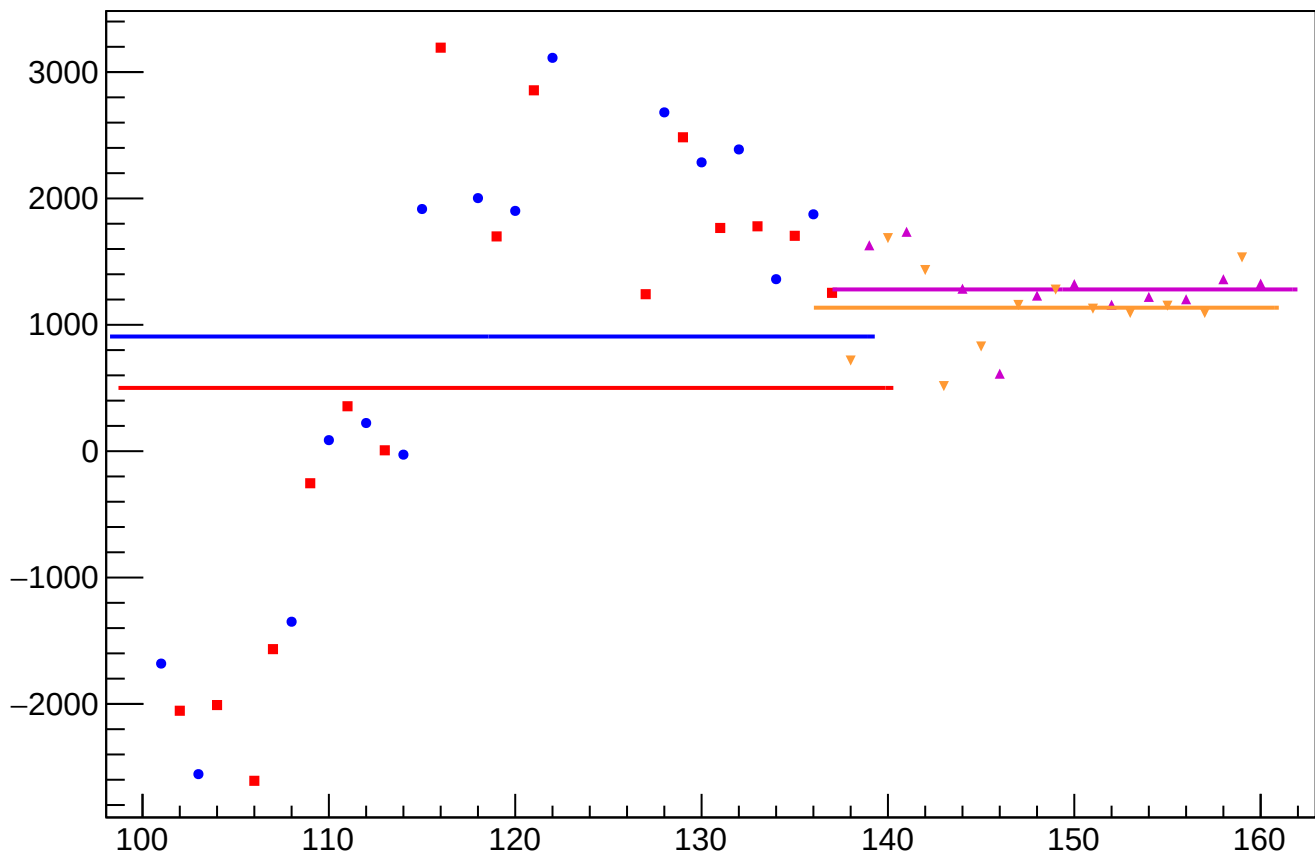
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

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



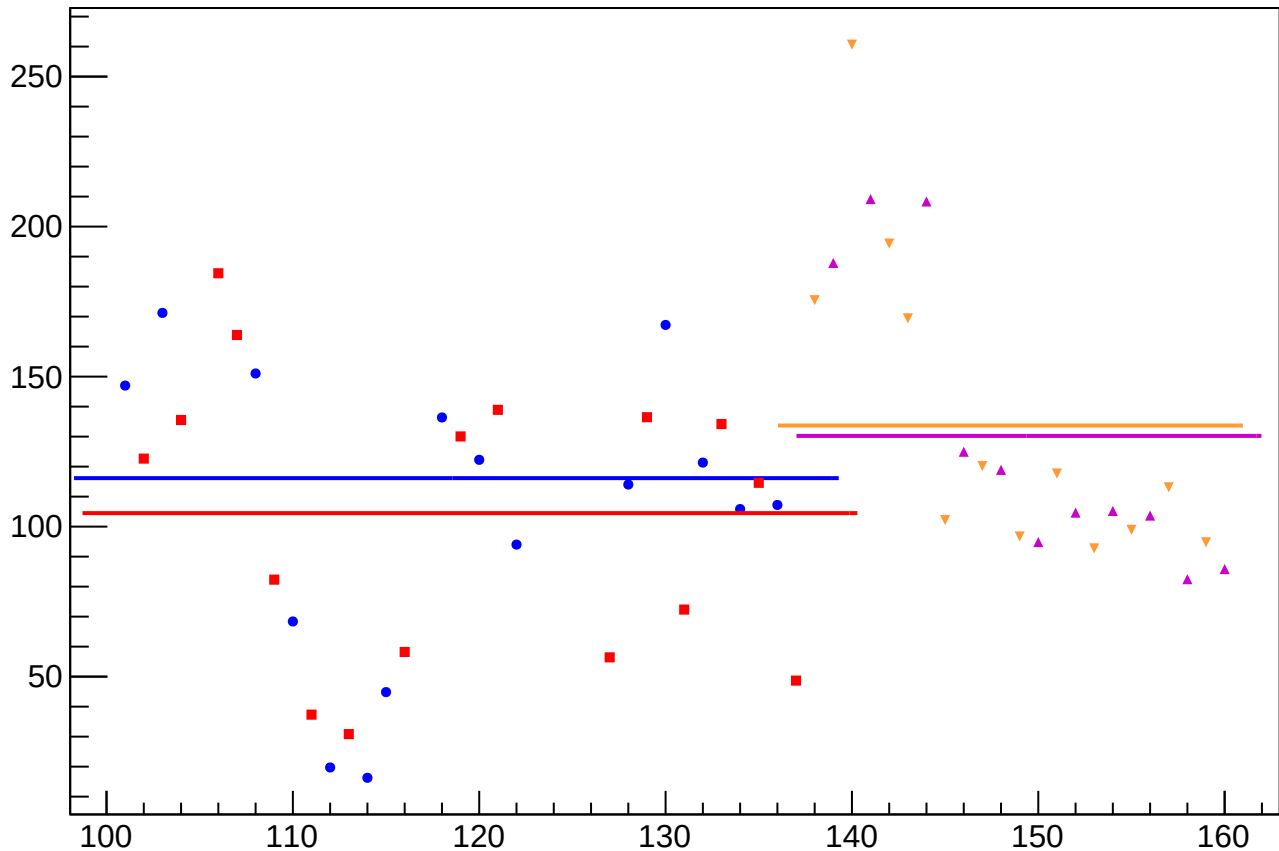
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ sign 1040.809+/-0.000 χ^2/NDF : 22174332894874

All: 996.658+/-0.000 χ^2/NDF : 460055616816

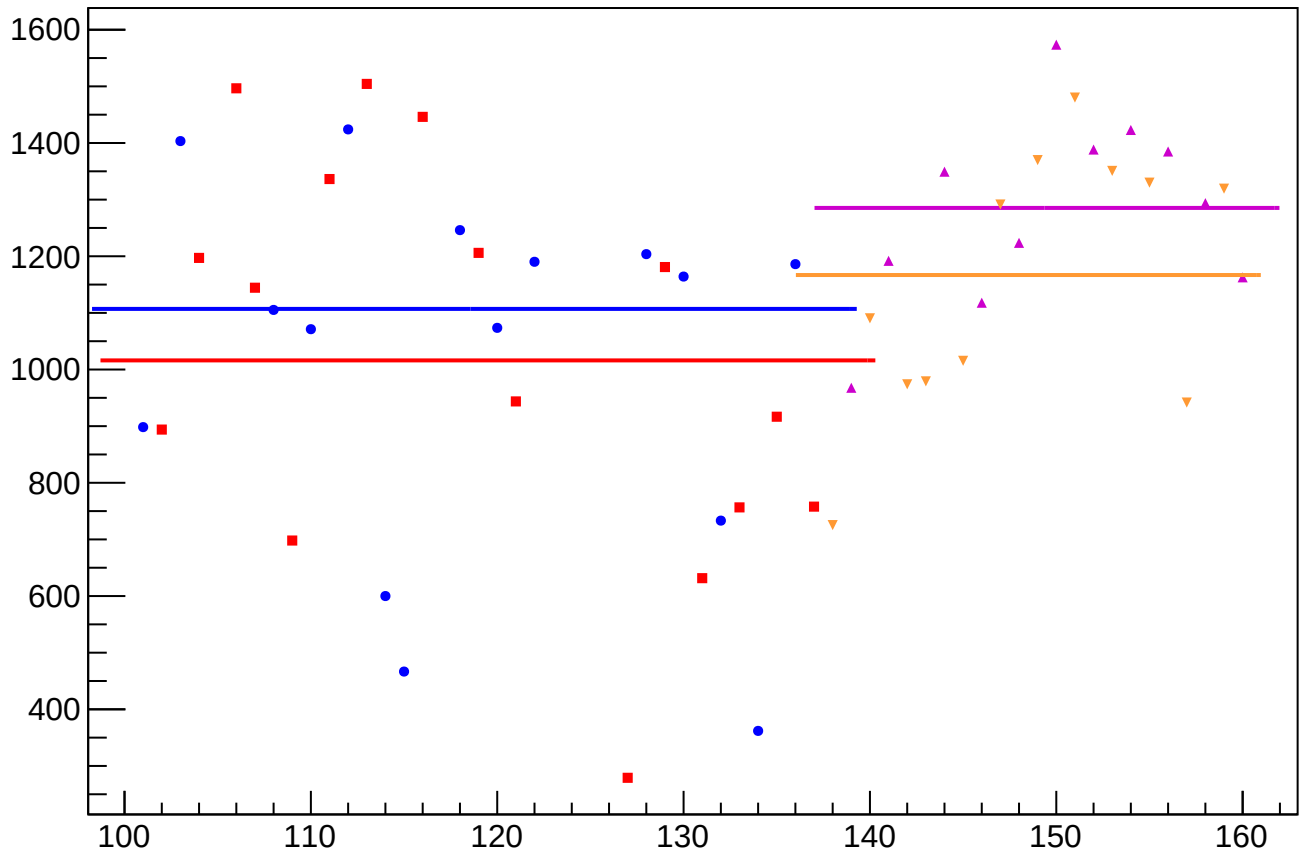
- sign 953.284+/-0.000 χ^2/NDF : 237708288217536

dit_sam8_coil4_err_mean vs Slug



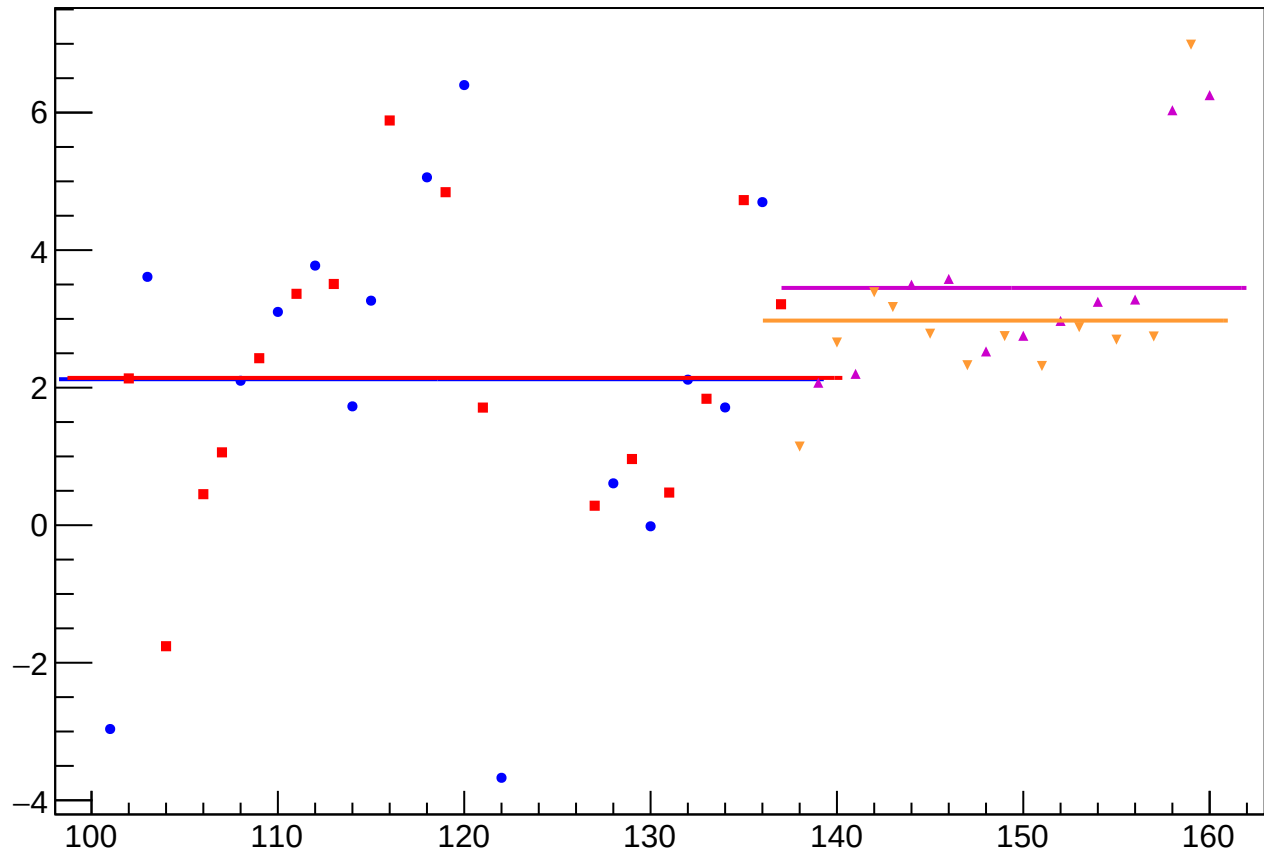
Right In: 116.159 +/- 0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 133.695 +/- 0.000 χ^2/NDF : 2332238004384262852879386446827356160.0/11
 Right Out: 104.501 +/- 0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: 130.237 +/- 0.000 χ^2/NDF : 1968814259217478663576054483231178752.0/10

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

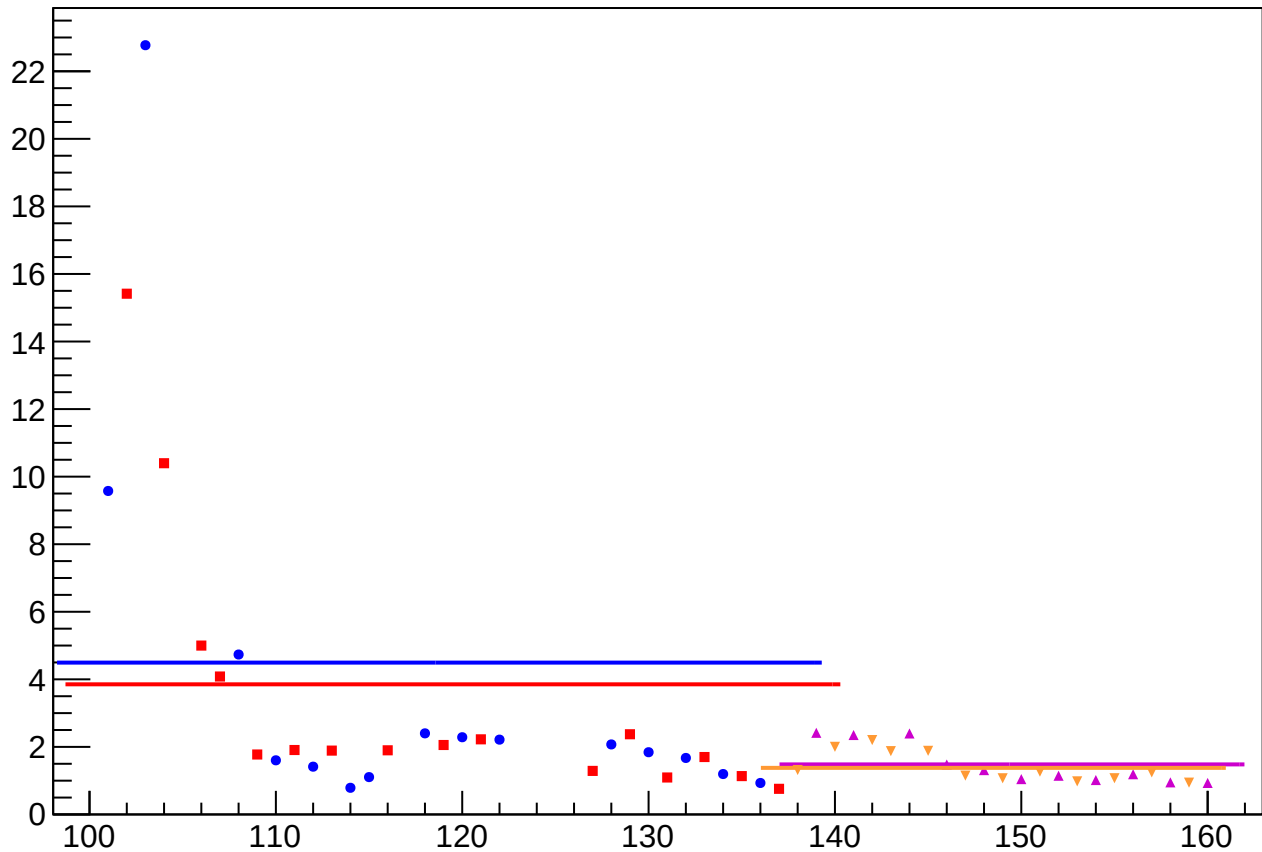
dit_4aX_coil6_mean vs Slug



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

$+ \text{sign } 2.621 \pm 0.000 \quad \chi^2/\text{NDF}: 71926109698373780$
 $\text{All: } 2.763 \pm 0.000 \quad \chi^2/\text{NDF}: 11942737584809$
 $- \text{sign } 2.902 \pm 0.000 \quad \chi^2/\text{NDF}: 46881653143346508$

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14

Left Out: 1.379 $\pm$ 0.000 χ^2 /NDF: 150384329501224226849656085151744.0/11

Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15

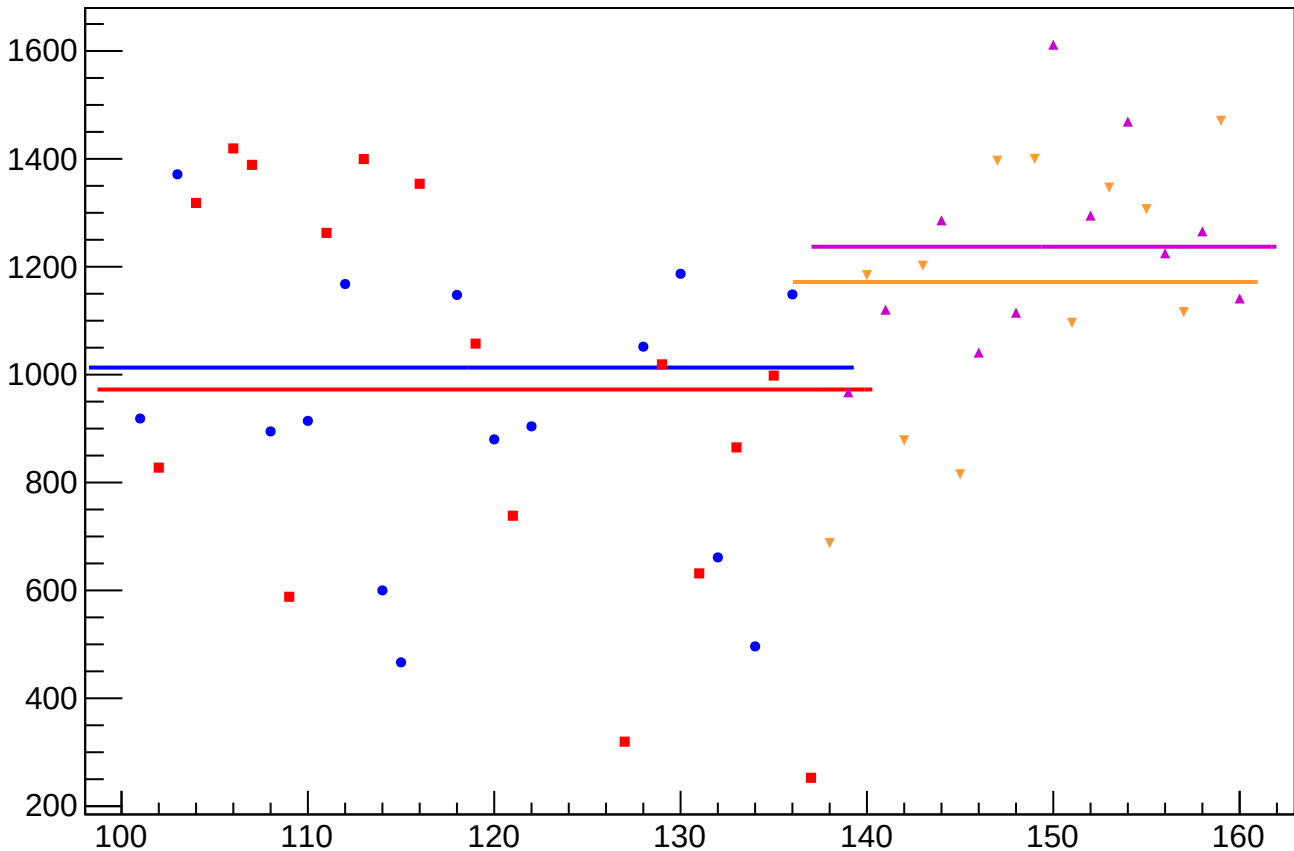
Left In: 1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10

All: 2.573 $\pm$ 0.000 χ^2 /NDF: 43938576112447.0/11

+ sign 2.673 $\pm$ 0.000 χ^2 /NDF: 29105436808146683.0/11

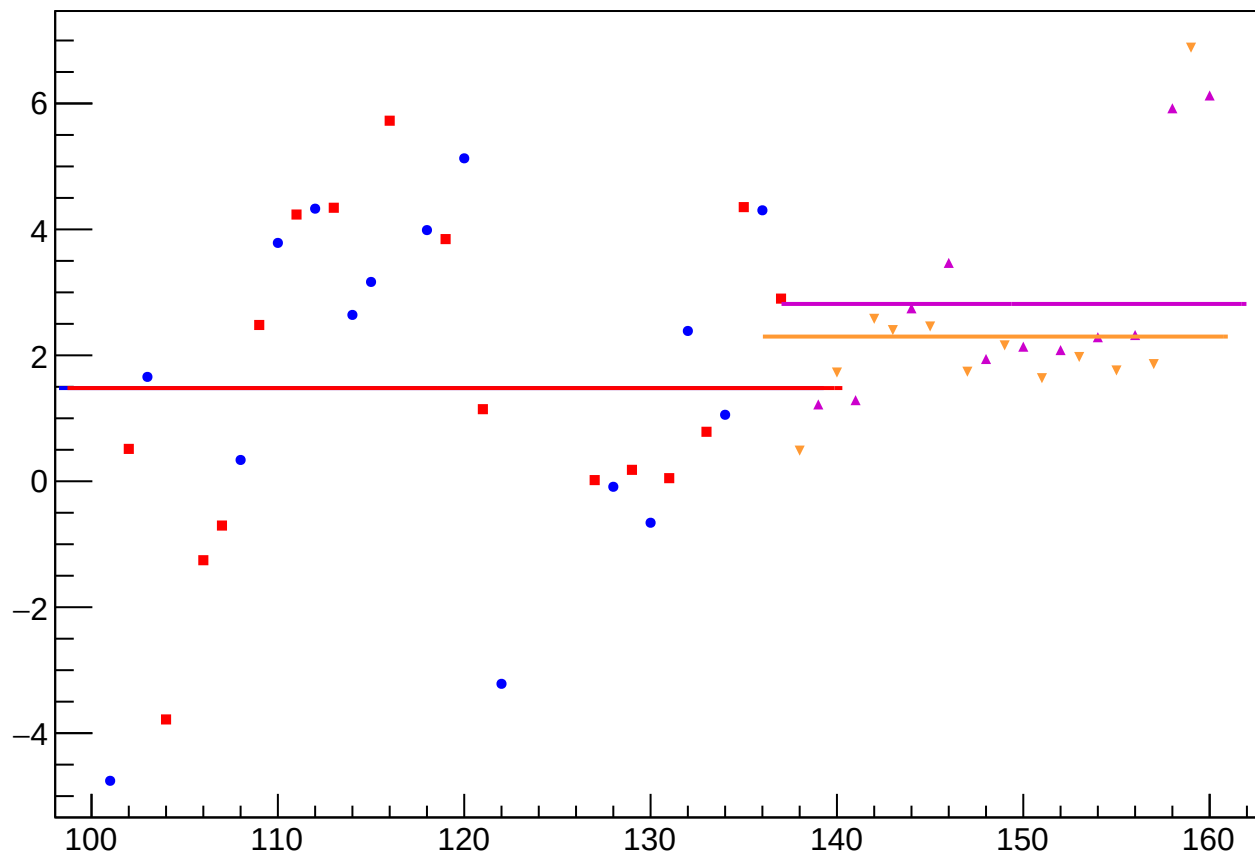
- sign 2.476 $\pm$ 0.000 χ^2 /NDF: 14802405912641910.0/11

dit_4aX_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_4eX_coil6_mean vs Slug



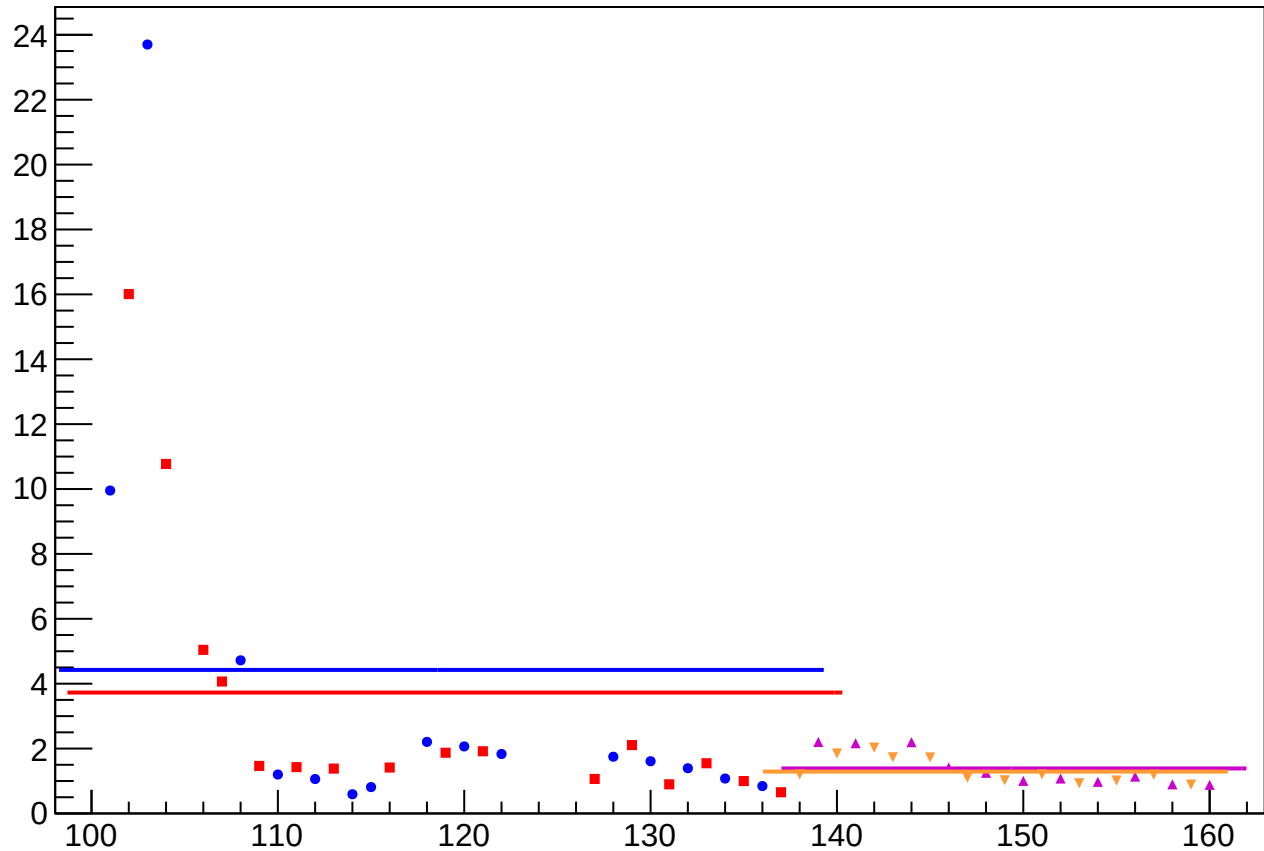
Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14

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

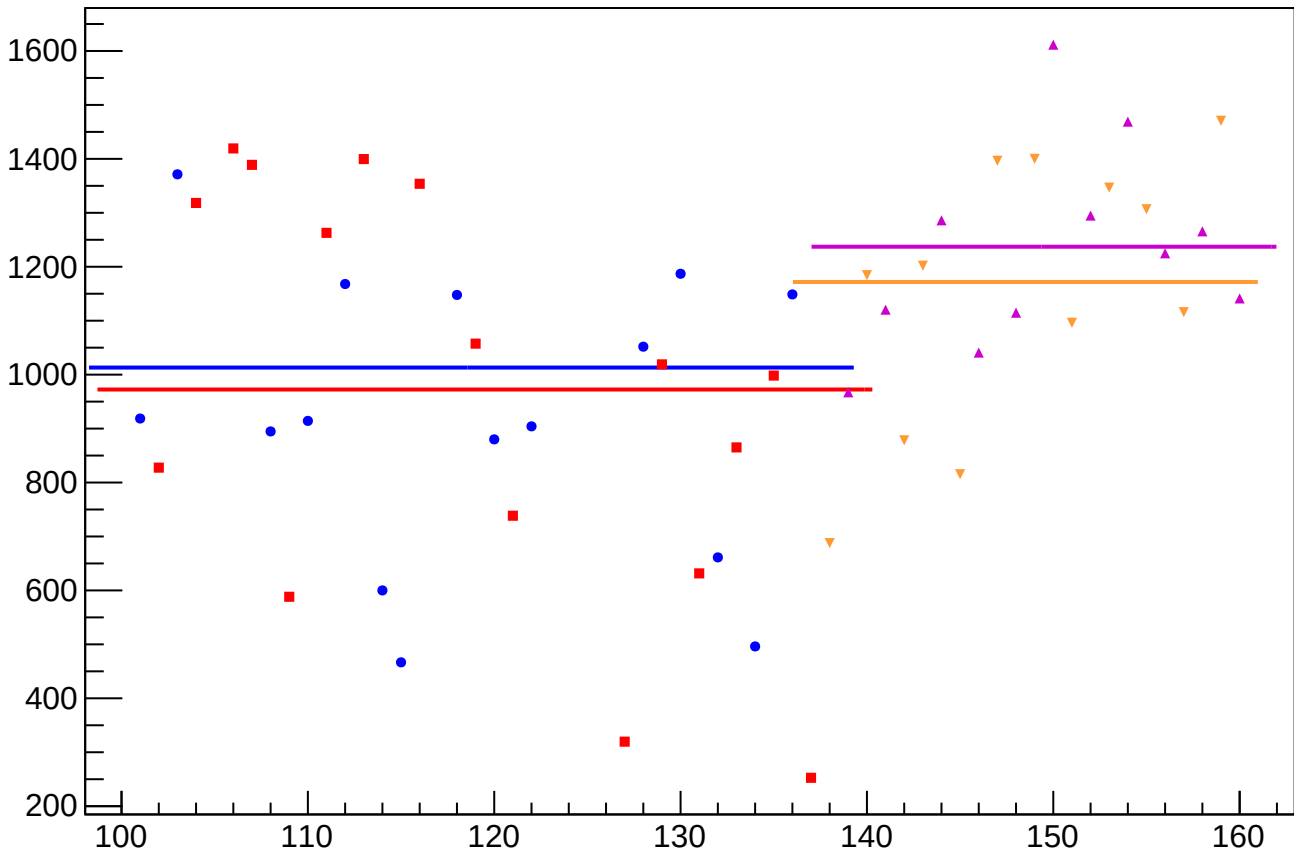
dit_4eX_coil6_err_mean vs Slug



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

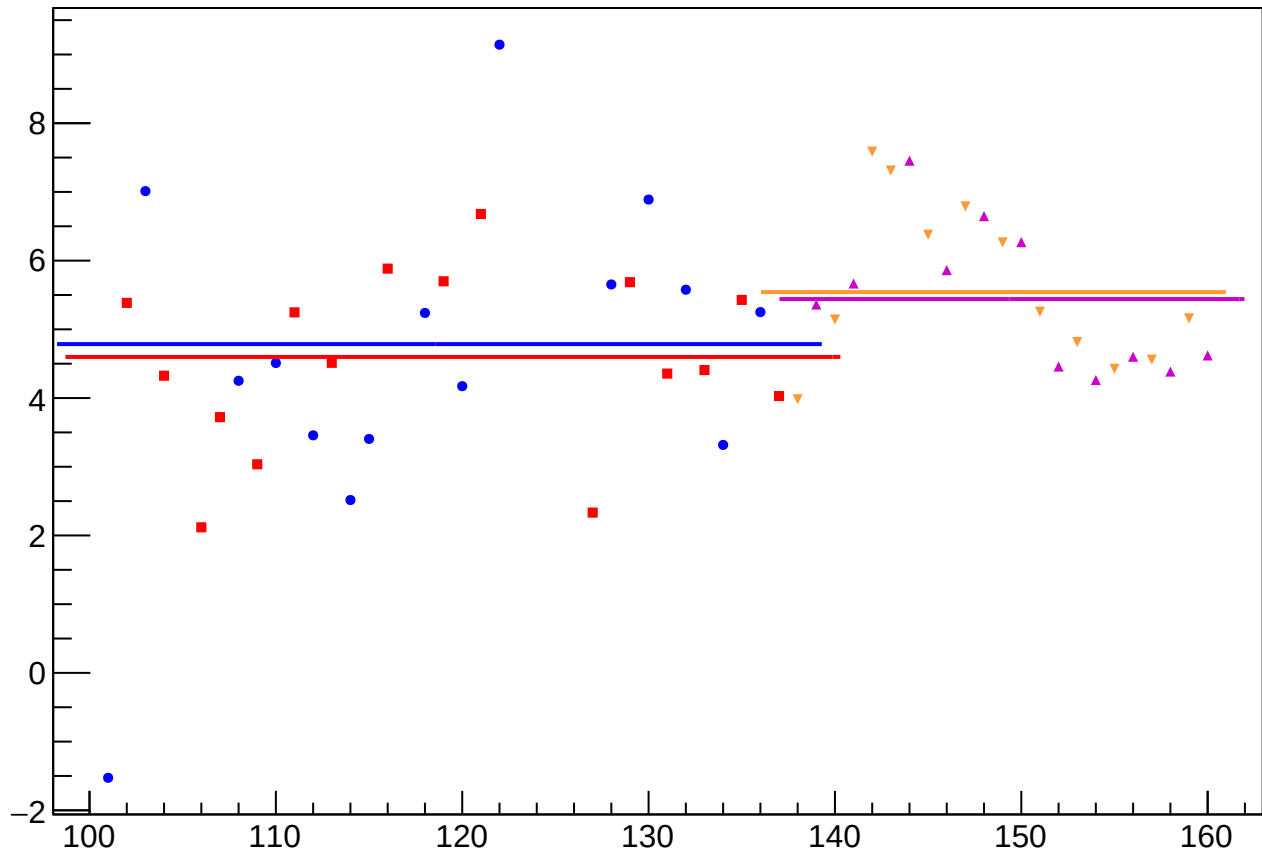
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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



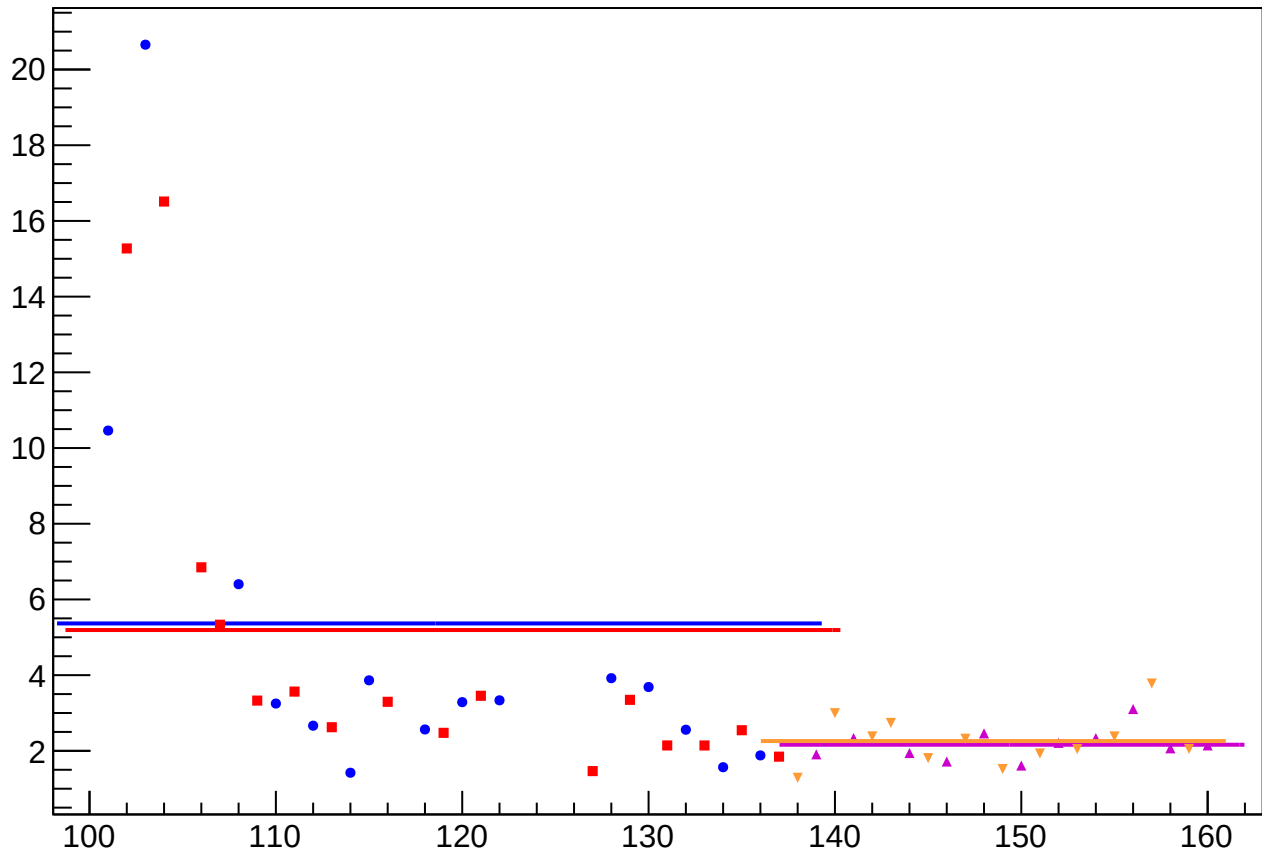
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

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

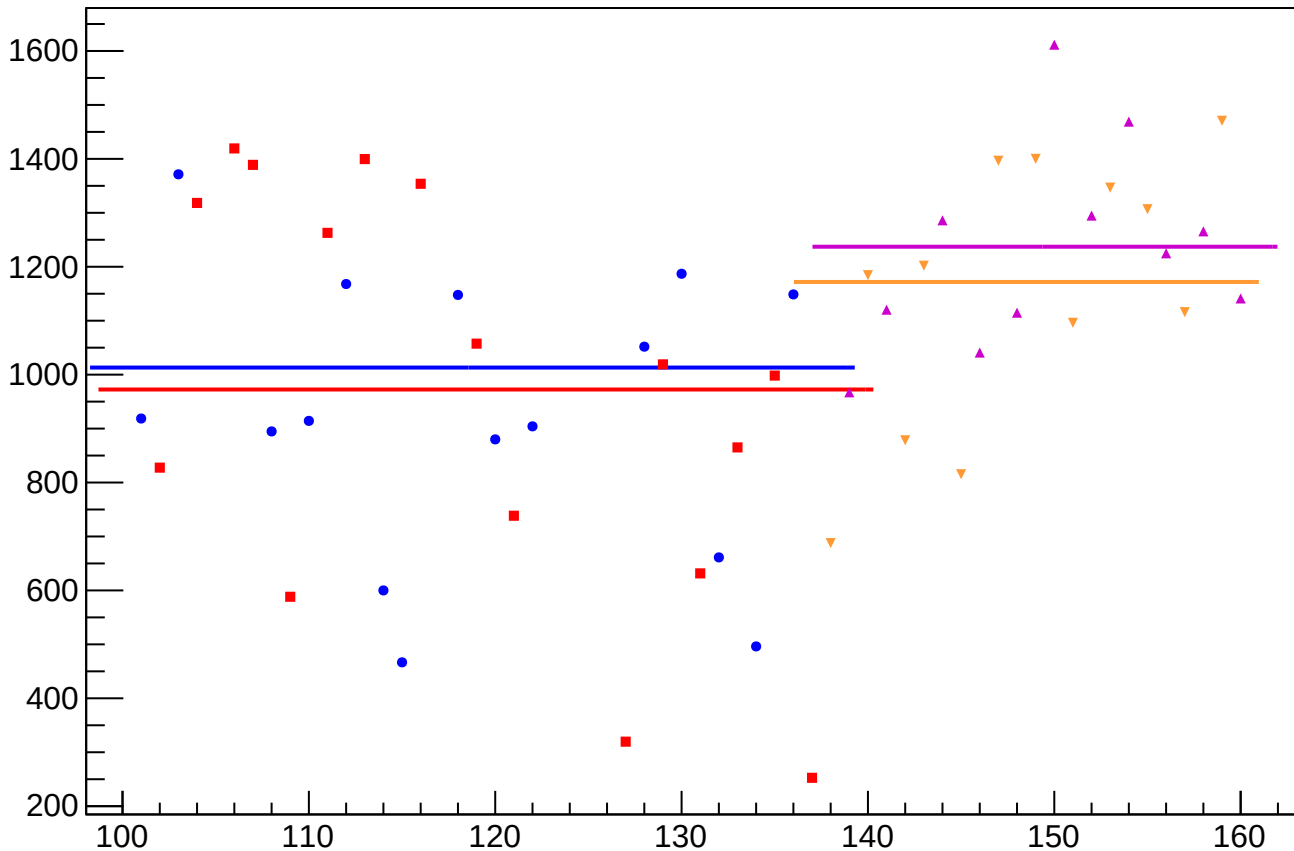
Left In: 2.162+/-0.000 χ^2/NDF : 138367938839103248546751049629696.0/10

+ 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

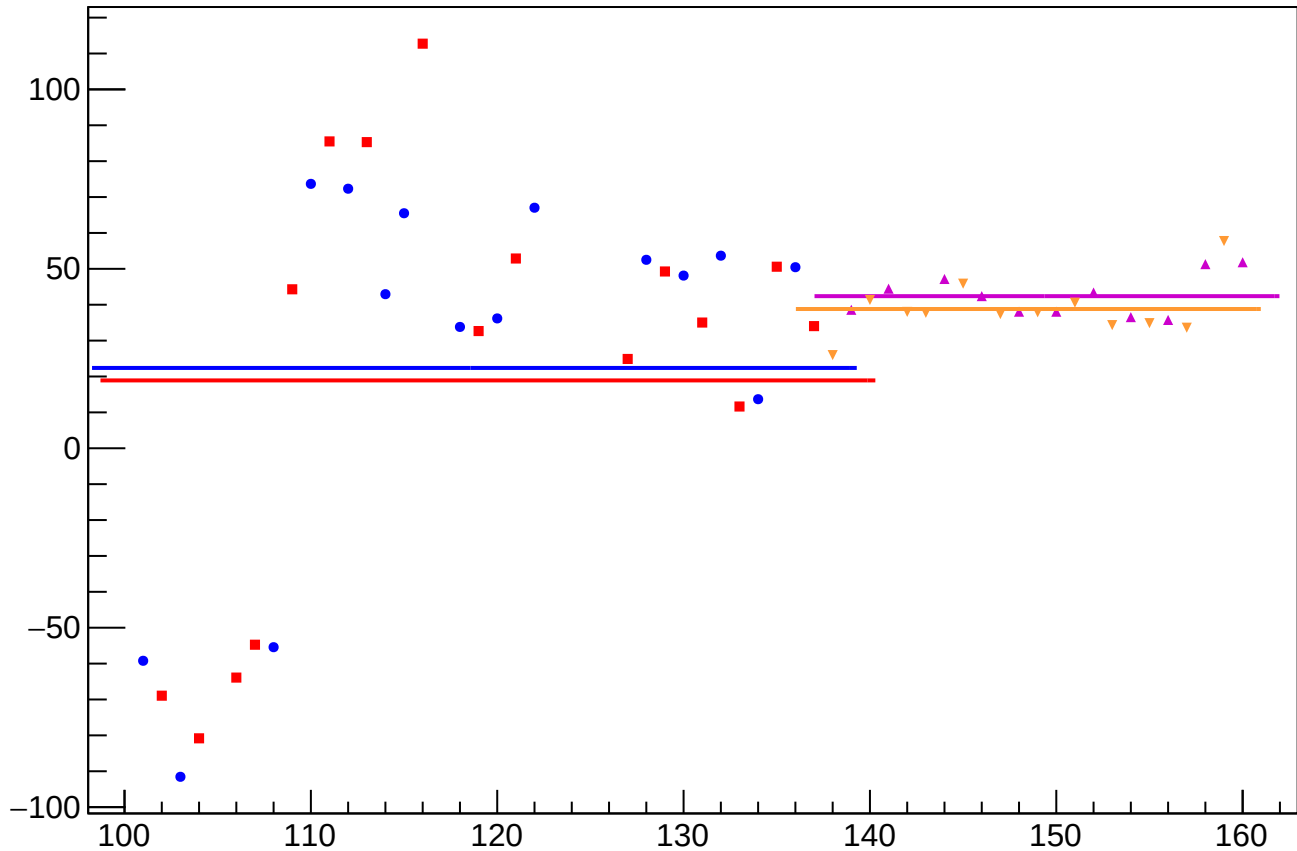
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

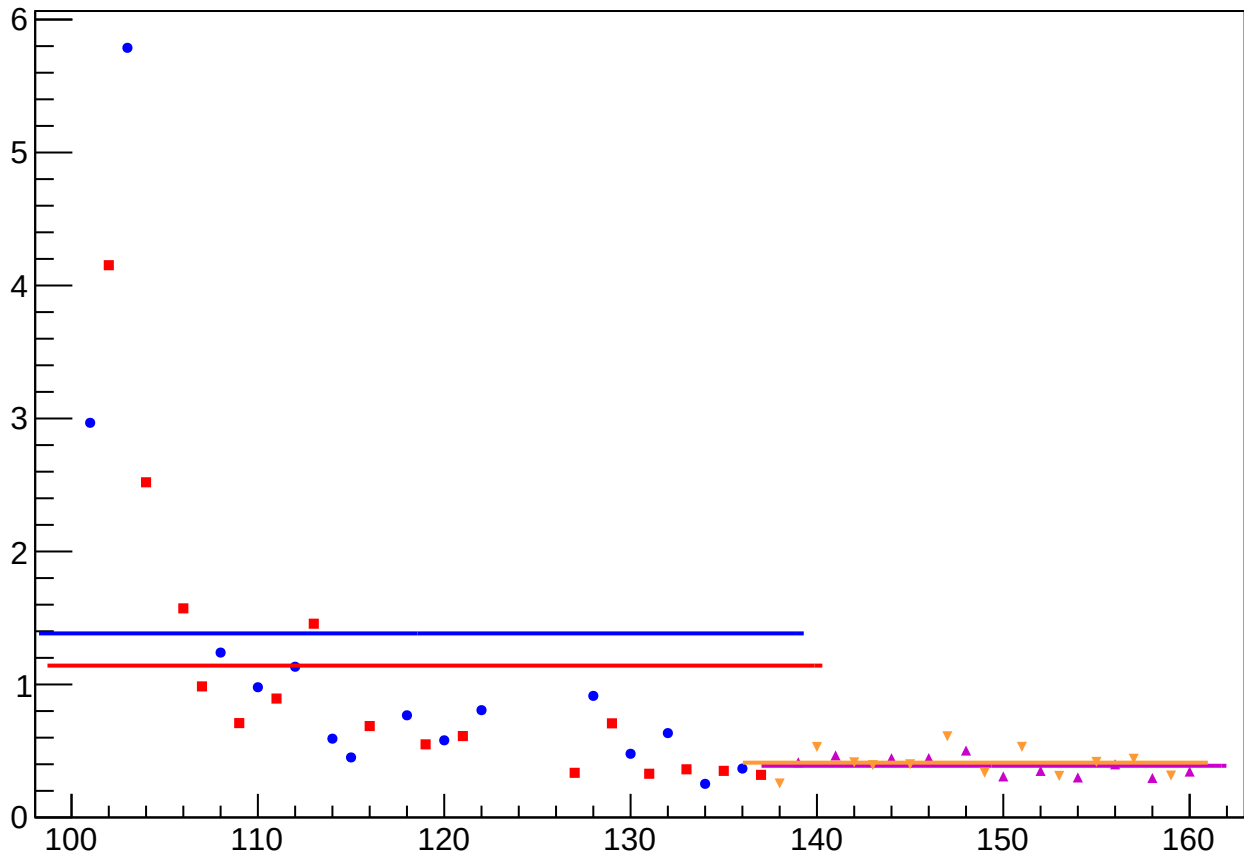
Left In: 42.386+/-0.000 χ^2/NDF : 26555660128562986553016927486214144.0/10

+ sign 31.987+/-0.000 χ^2/NDF : 2076251683338392

All: 32.268+/-0.000 χ^2/NDF : 4498818256205

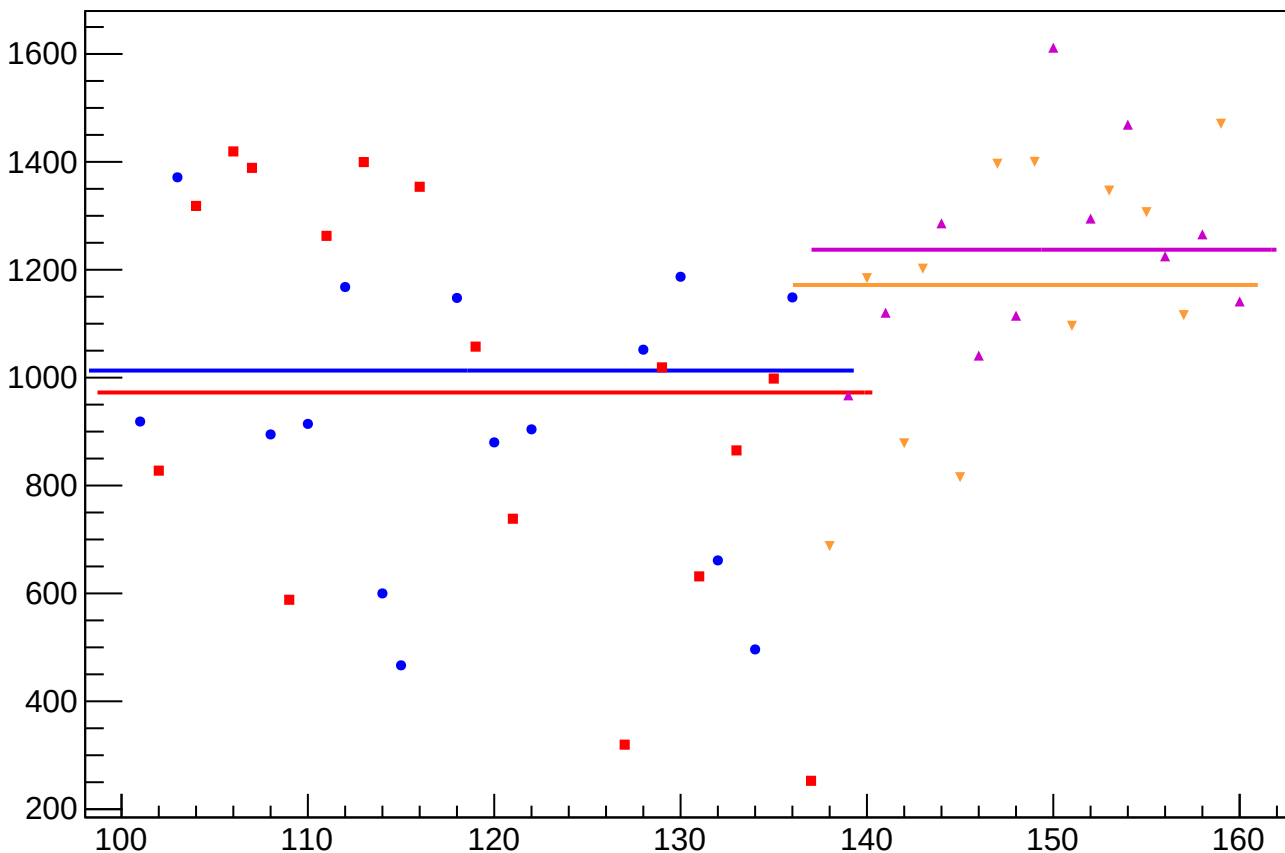
- sign 32.543+/-0.000 χ^2/NDF : 2422323075583124

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

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

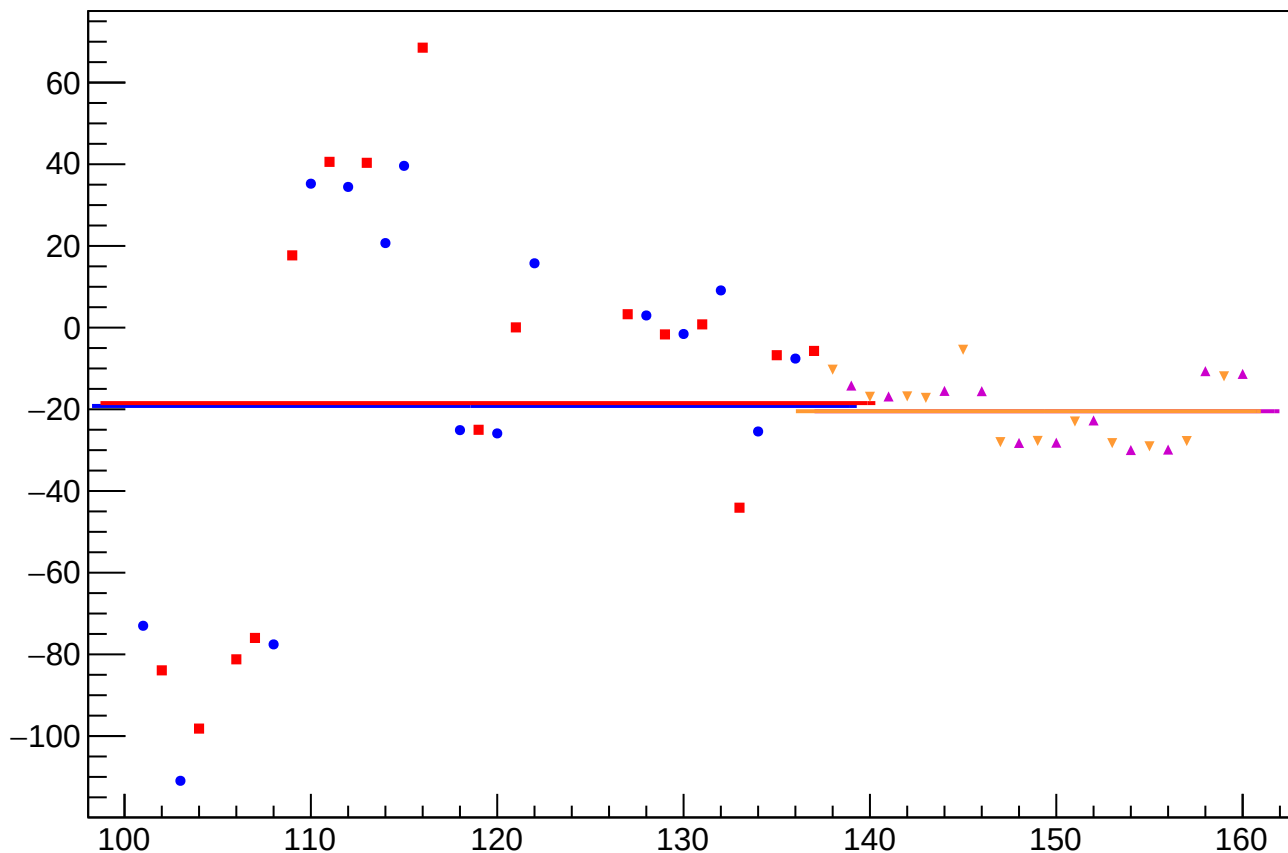
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

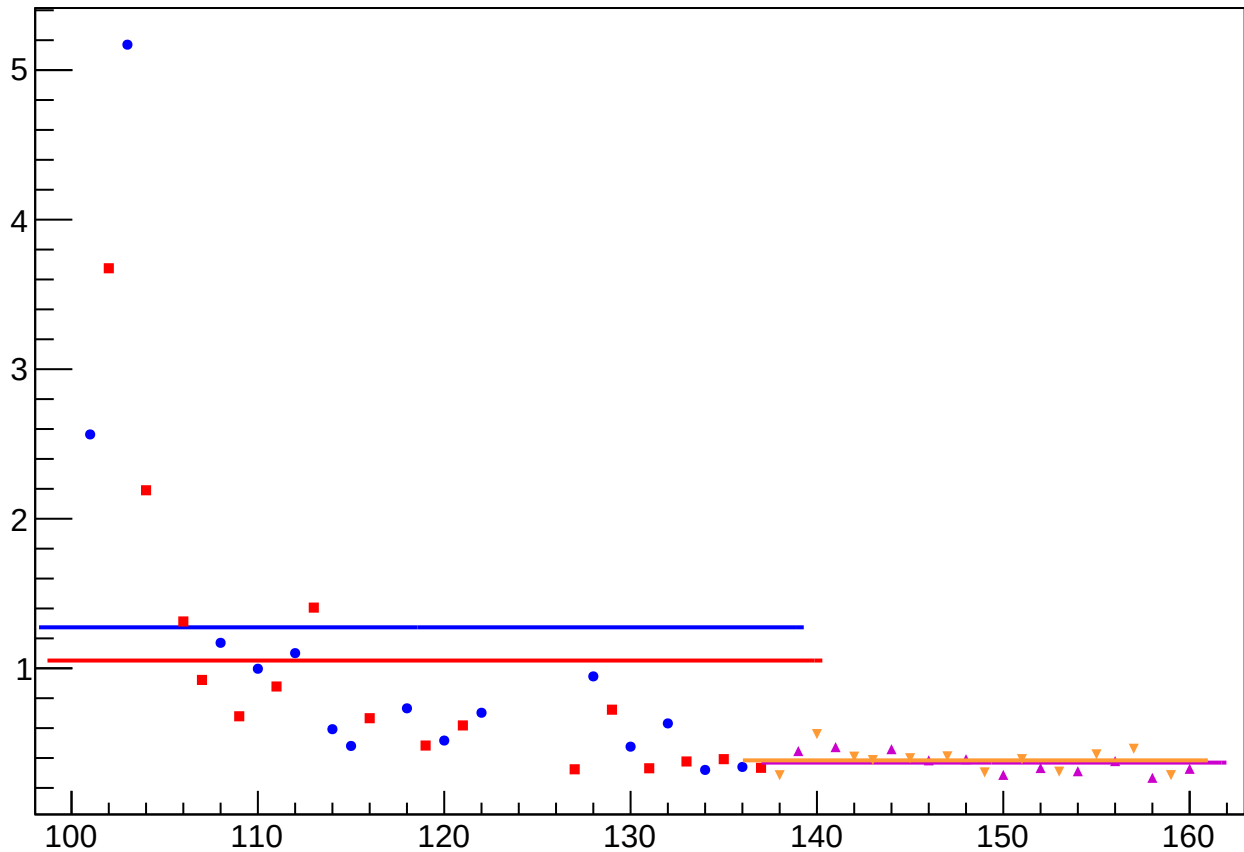
Left In: -20.473 ± 0.000 $\chi^2/\text{NDF}: 48484953363349820110348478937300992.0/10$

All: -19.782 ± 0.000 $\chi^2/\text{NDF}: 284511592850$

- sign -19.637 ± 0.000 $\chi^2/\text{NDF}: 1539423306551337$

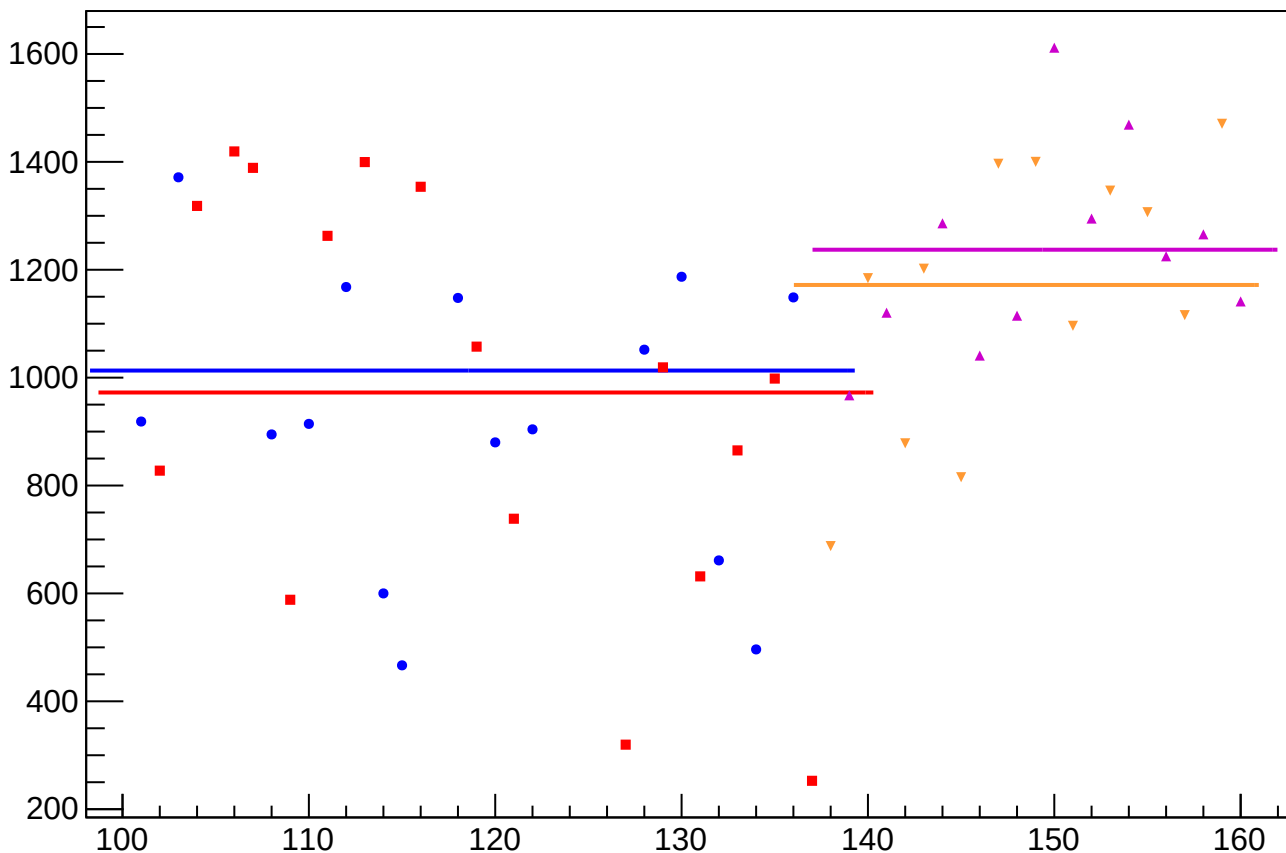
+ sign -19.930 ± 0.000 $\chi^2/\text{NDF}: 130562508565939$

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

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

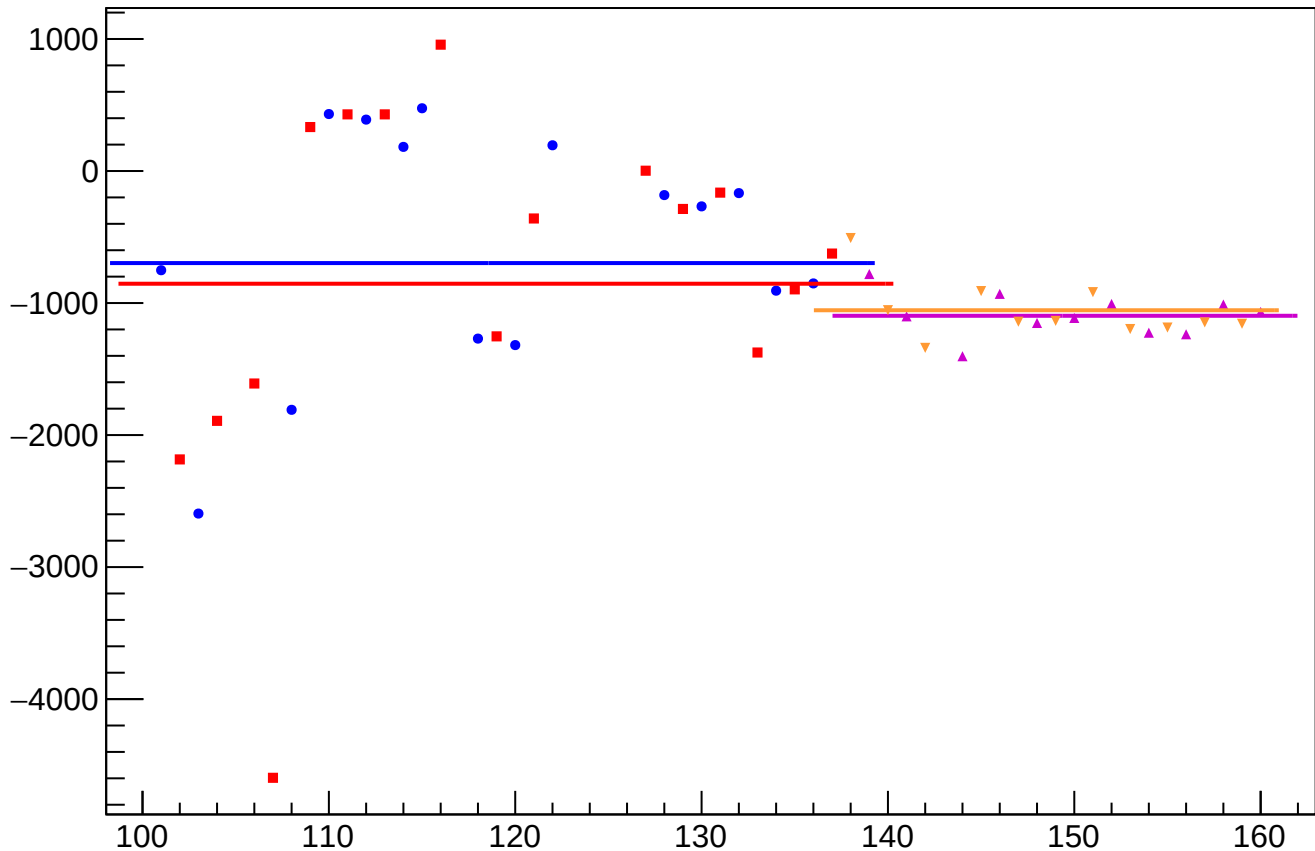
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

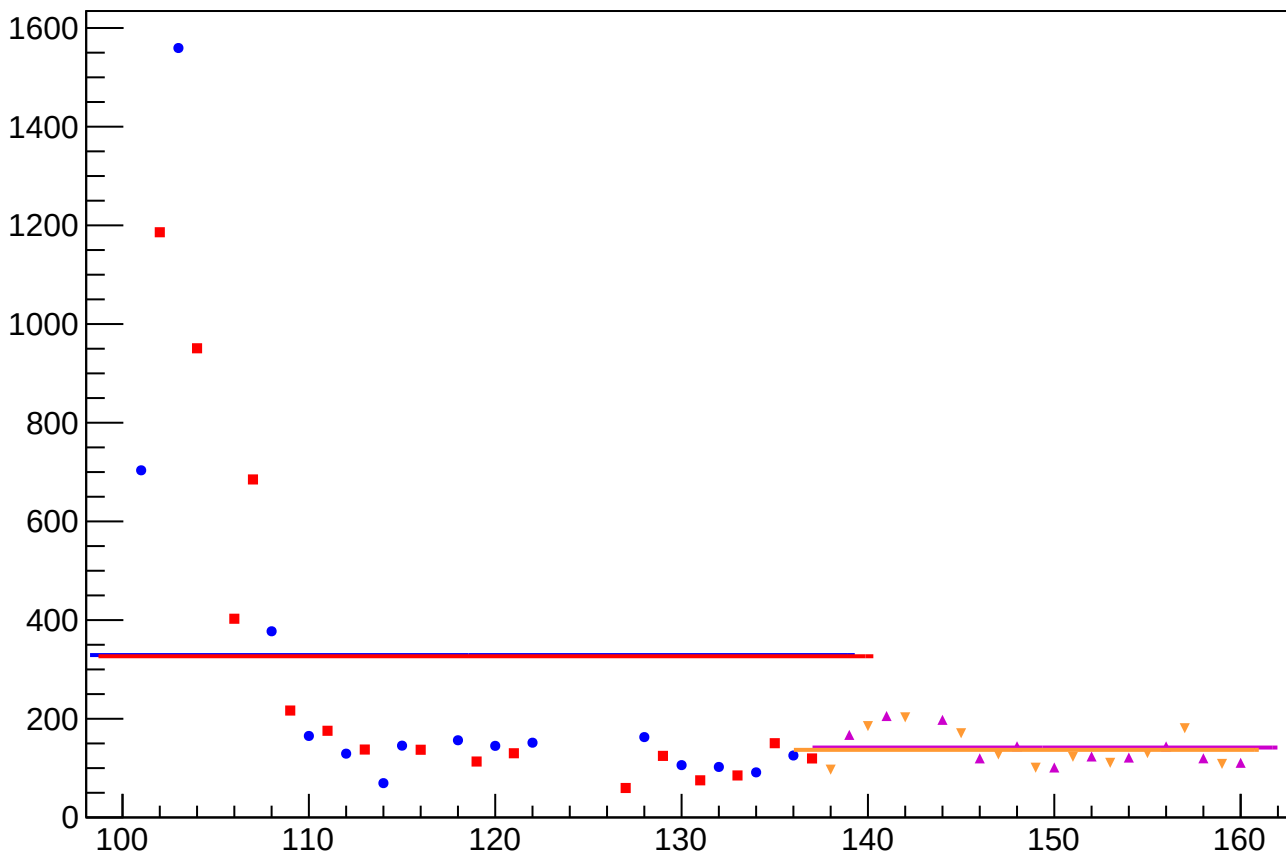
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_usl_coil6_mean vs Slug



Right In: -697.283 ± 0.000 $\chi^2/\text{NDF}: 490435790698133828475769692944364208128.0/14$
 Left Out: -1054.675 ± 0.000 $\chi^2/\text{NDF}: 35893414561751289831028004535805149184.0/10$
 Right Out: -853.734 ± 0.000 $\chi^2/\text{NDF}: 1078379020126412317155932275156201766912.0/15$
 Left In: -1096.508 ± 0.000 $\chi^2/\text{NDF}: 23397092464085092375008014674557927424.0/10$

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 137.012+/-0.000 χ^2/NDF : 1014362817438194132709655172622581760.0/10

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

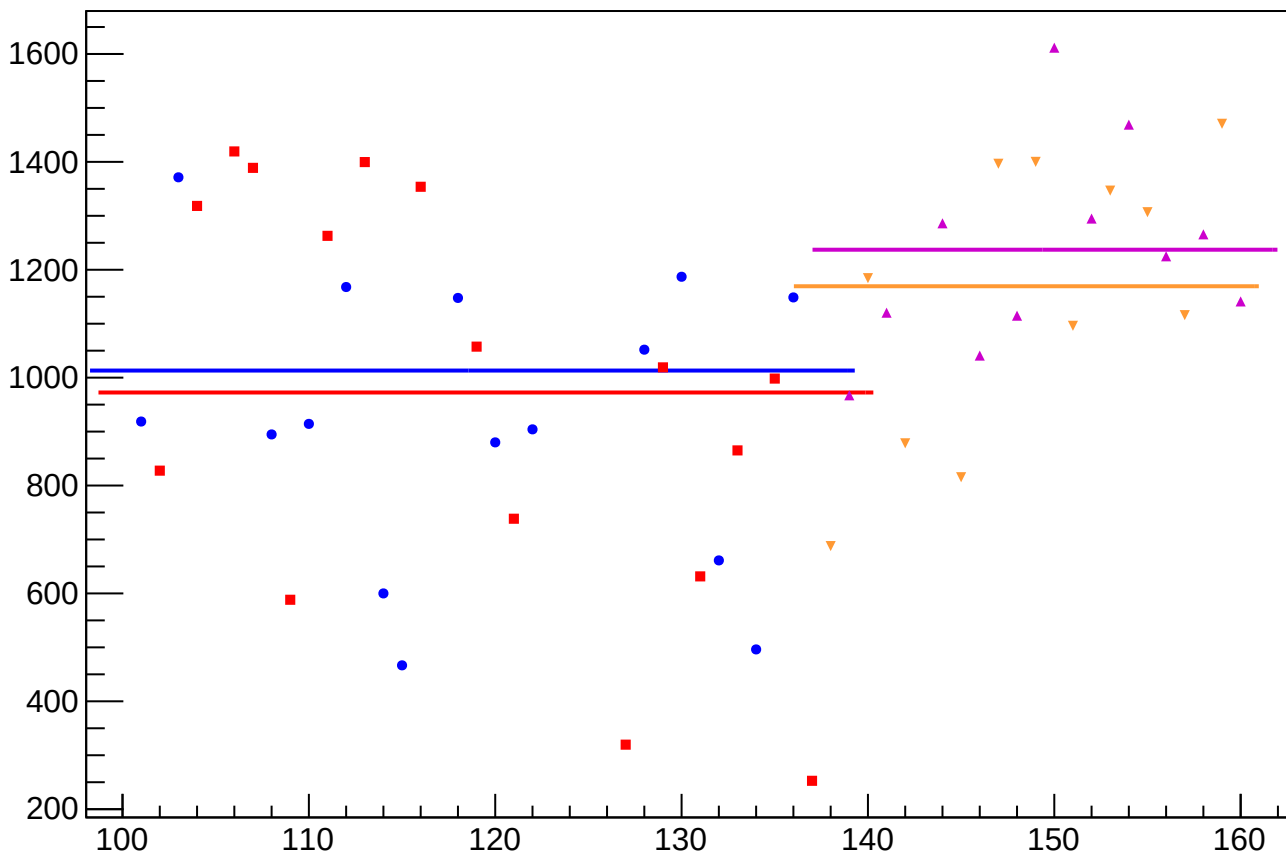
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 220.348+/-0.000 χ^2/NDF : 131437286987264

All: 219.782+/-0.000 χ^2/NDF : 233310972456

- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

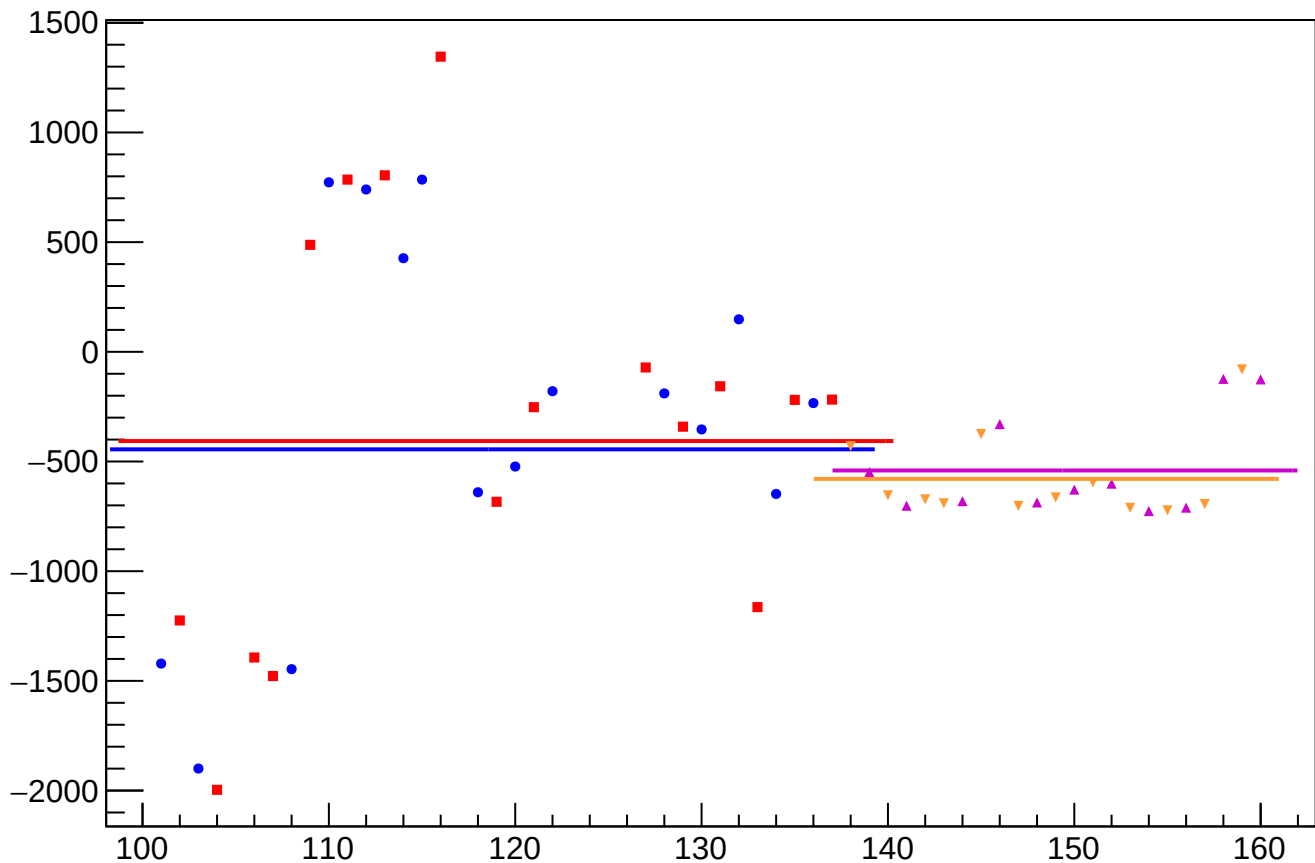
Left Out: 1169.420+/-0.000 χ^2/NDF : 52359058528484212152975817930553950208.0/10

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1101.625+/-0.000 χ^2/NDF : 93053988598295
 All: 1114.283+/-0.000 χ^2/NDF : 22986564555
 - sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

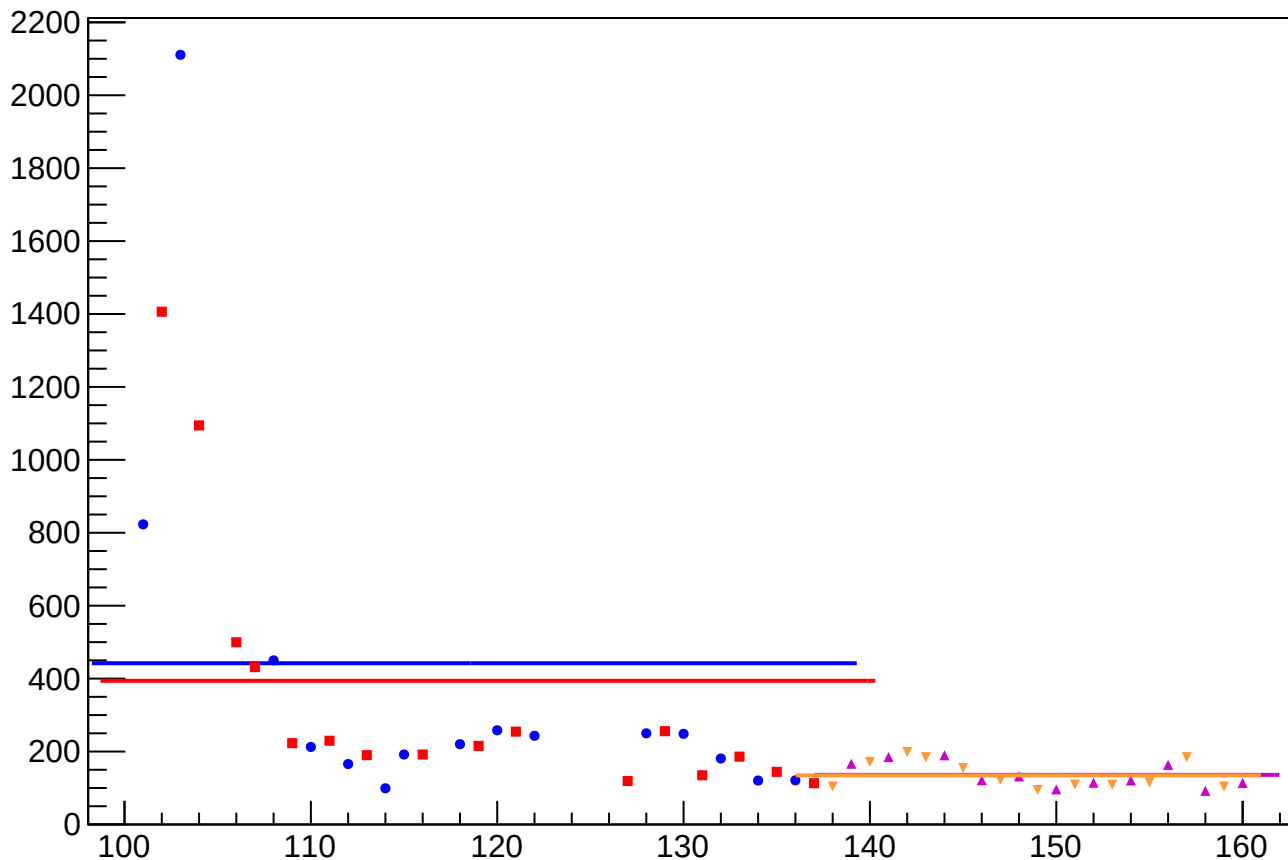
dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000	χ^2/NDF : 396481903501593703066535851229953654784.0/14
Left Out: -579.272+/-0.000	χ^2/NDF : 32584581524528860941595597407042666496.0/11
Right Out: -406.729+/-0.000	χ^2/NDF : 529122421866774810012941782239129108480.0/15
Left In: -540.842+/-0.000	χ^2/NDF : 42670193317497817911030367466366697472.0/10

+ sign -523.316+/-0.000 χ^2/NDF : 43595864947593
 All: -503.795+/-0.000 χ^2/NDF : 10158993354
 - sign -484.617+/-0.000 χ^2/NDF : 578759927131057

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562+/-0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

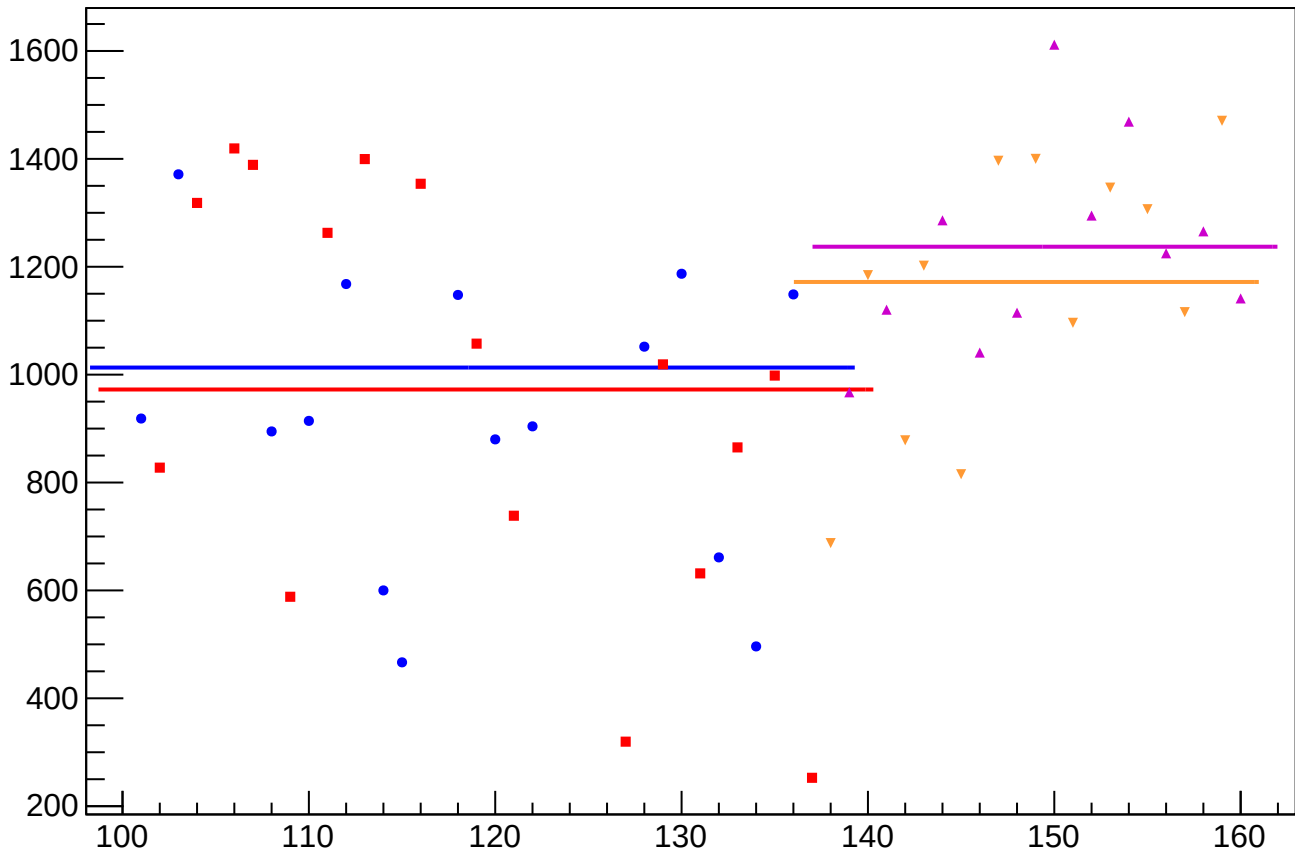
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286+/-0.000 χ^2/NDF : 241048188566854

All: 253.162+/-0.000 χ^2/NDF : 37398353308

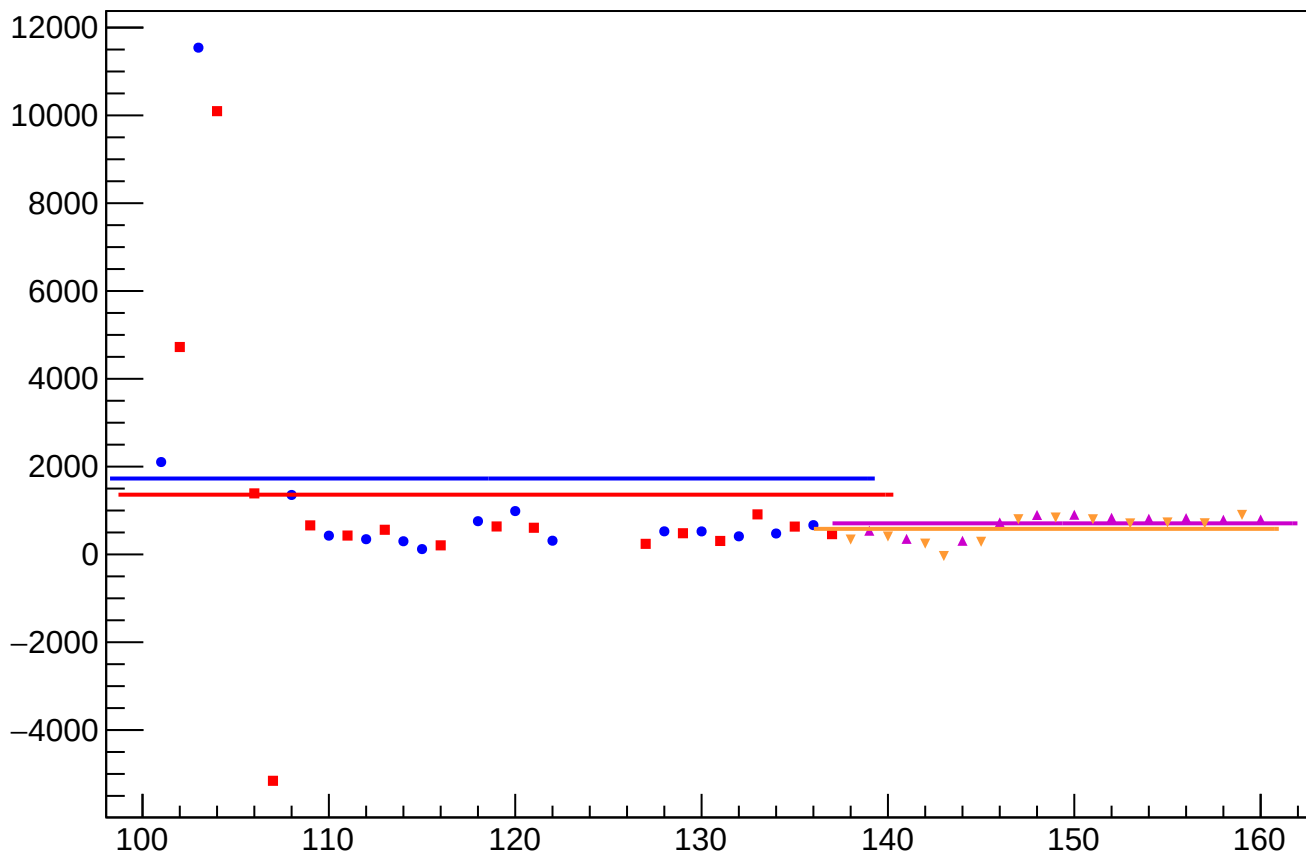
- sign 244.199+/-0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



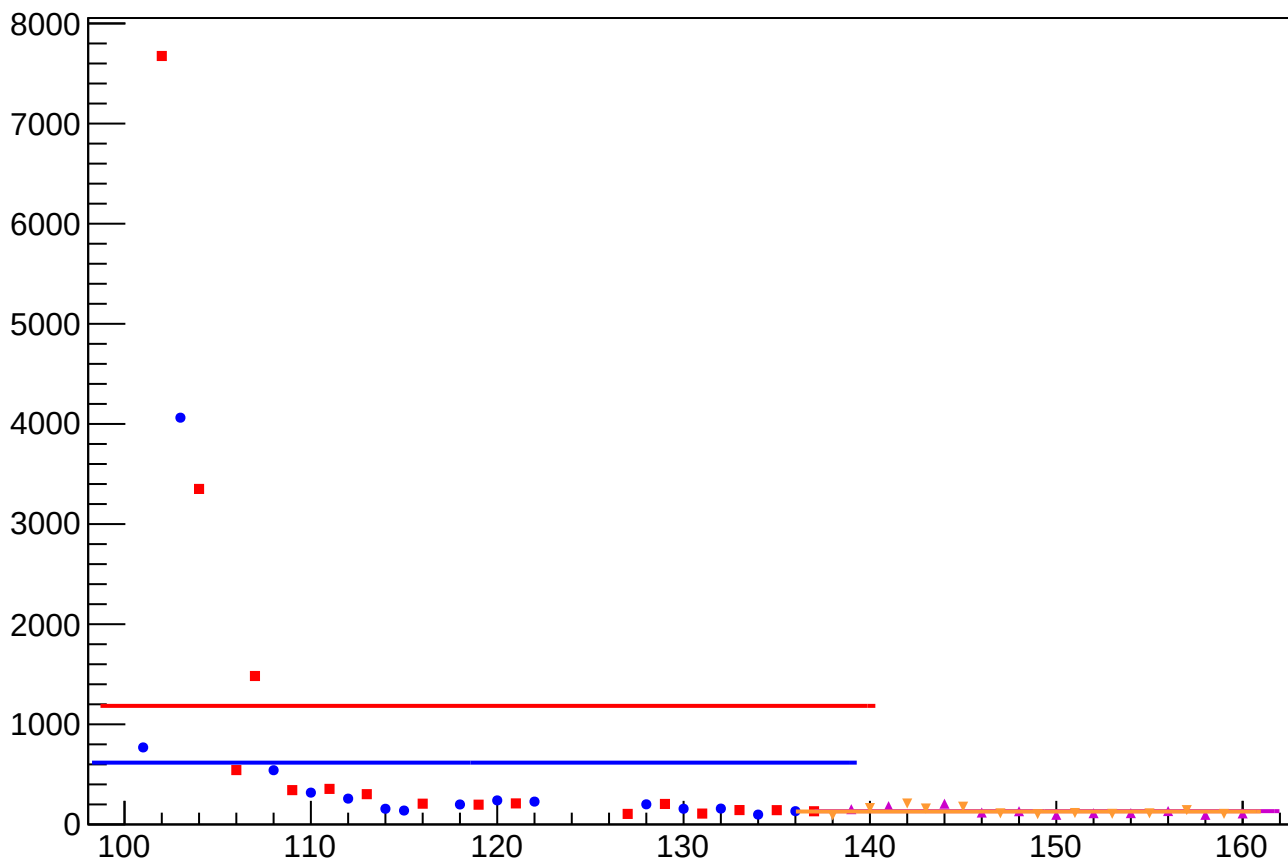
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 582.152+/-0.000 χ^2/NDF : 70083772647831486125732989768801714176.0/11
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889+/-0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

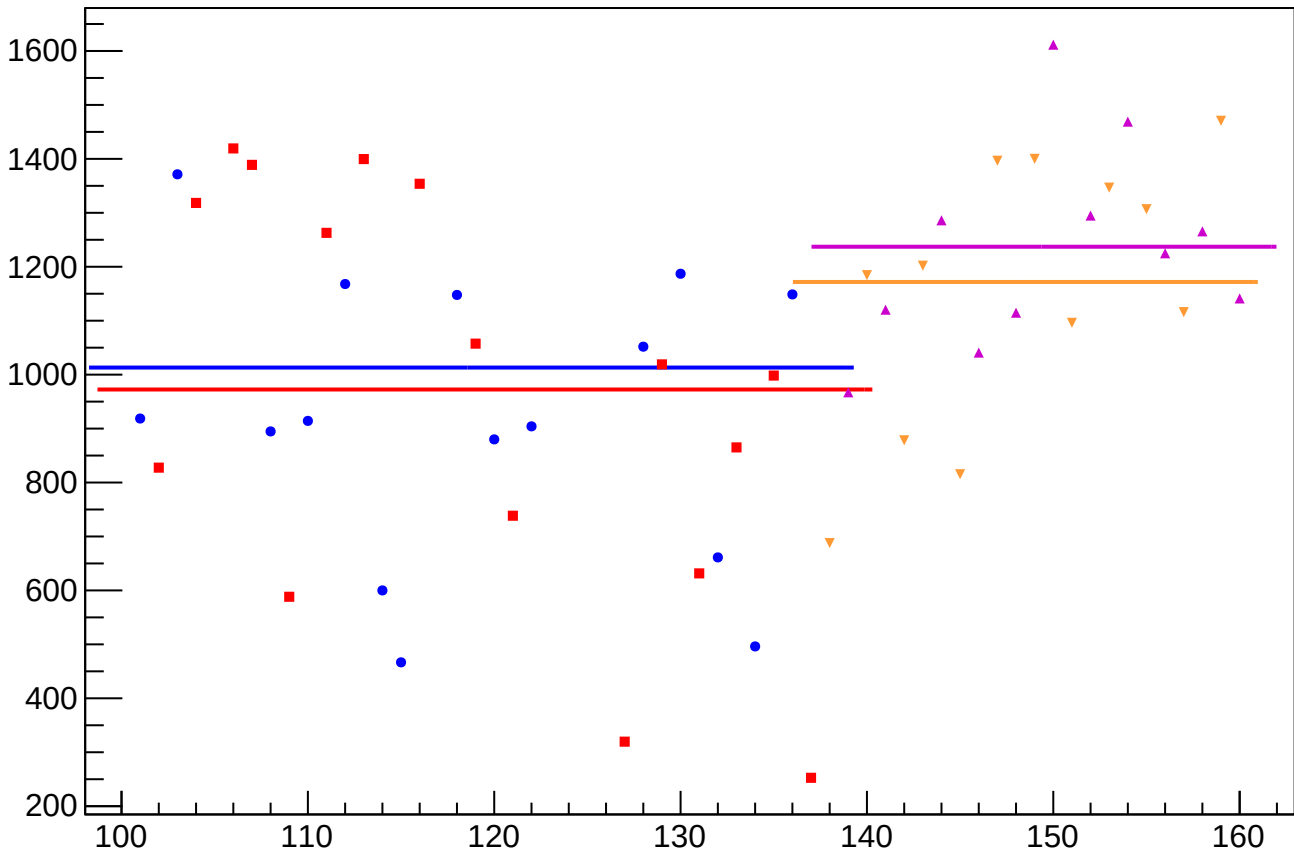
Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

All: 453.895+/-0.000 χ^2/NDF : 452656903212

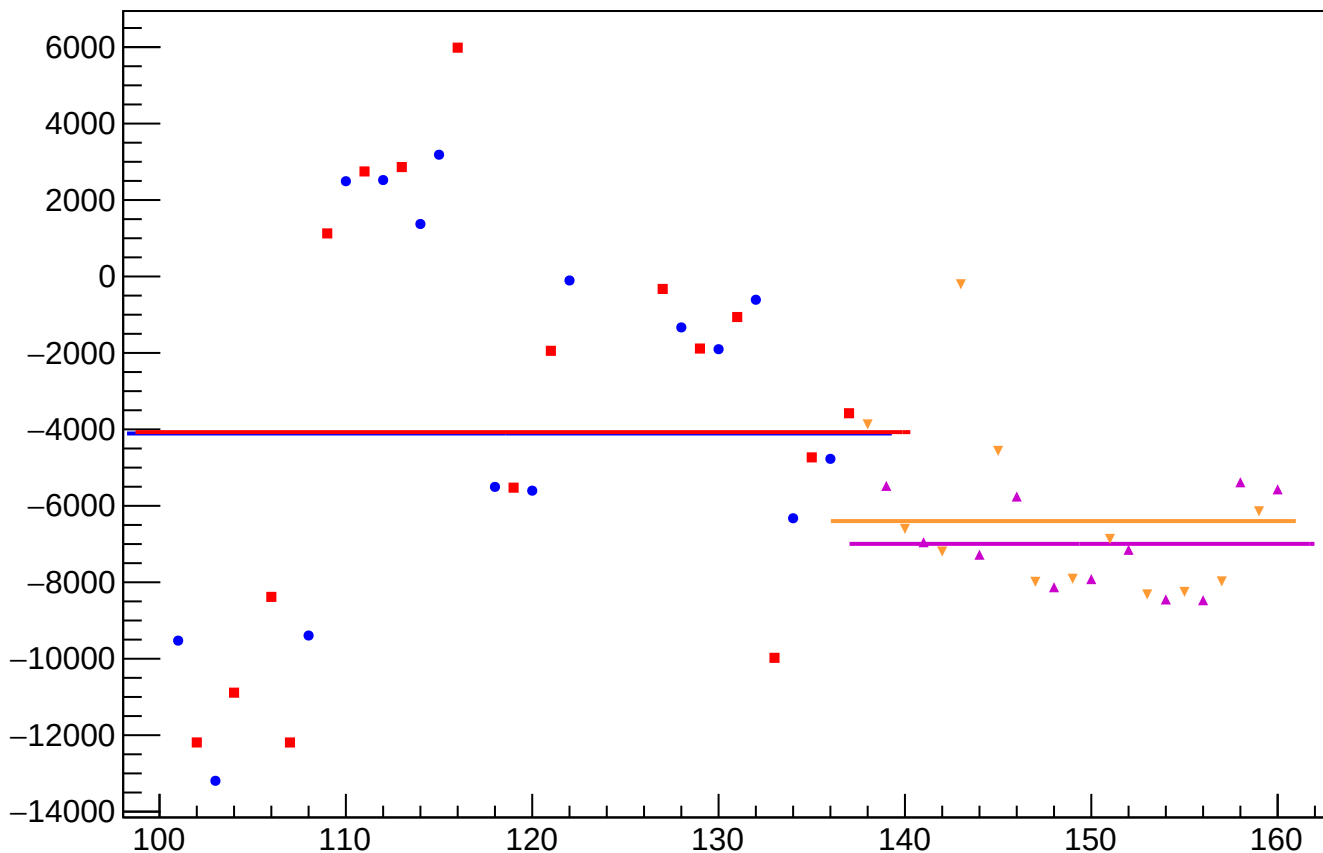
- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

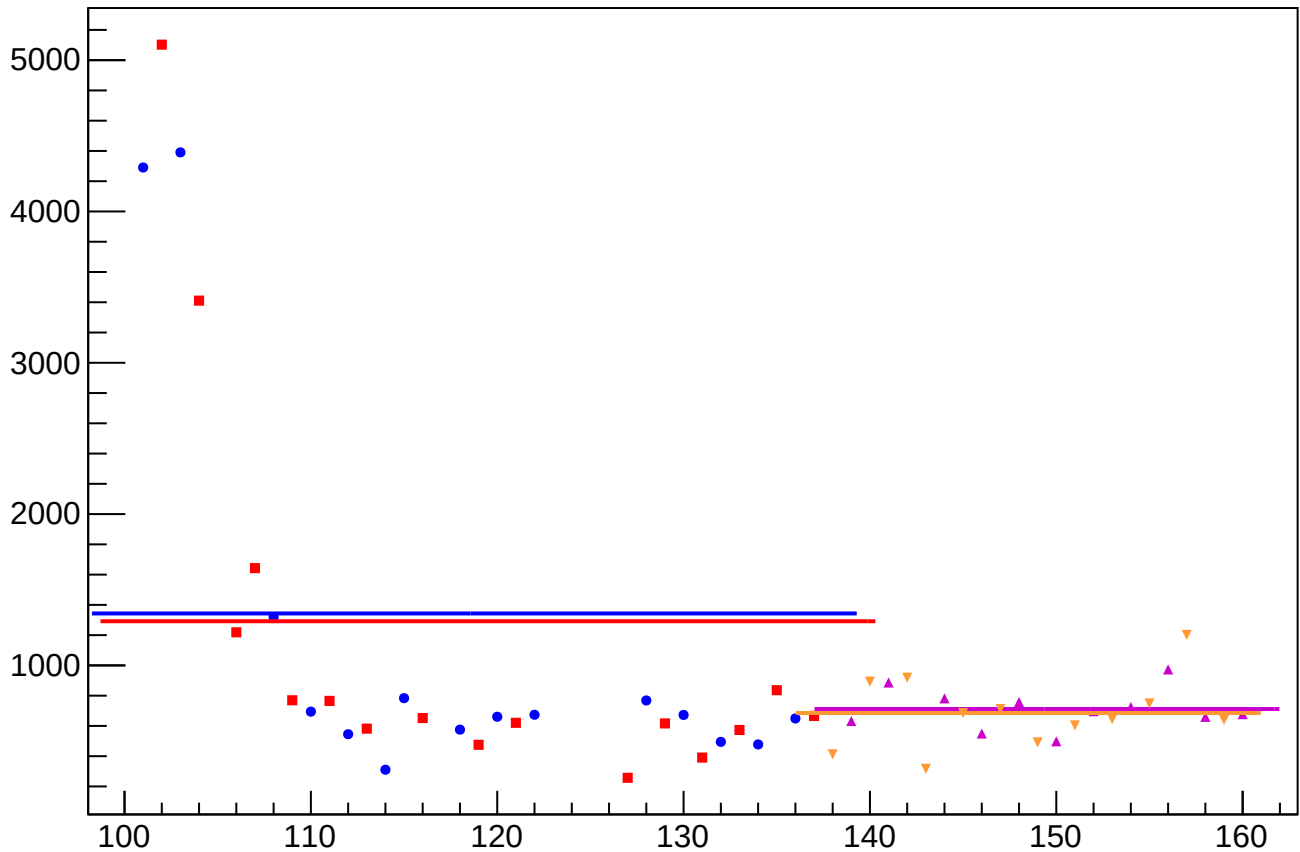
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6398.906+/-0.000	χ^2/NDF : 4560292812943761149136938286094472970240.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

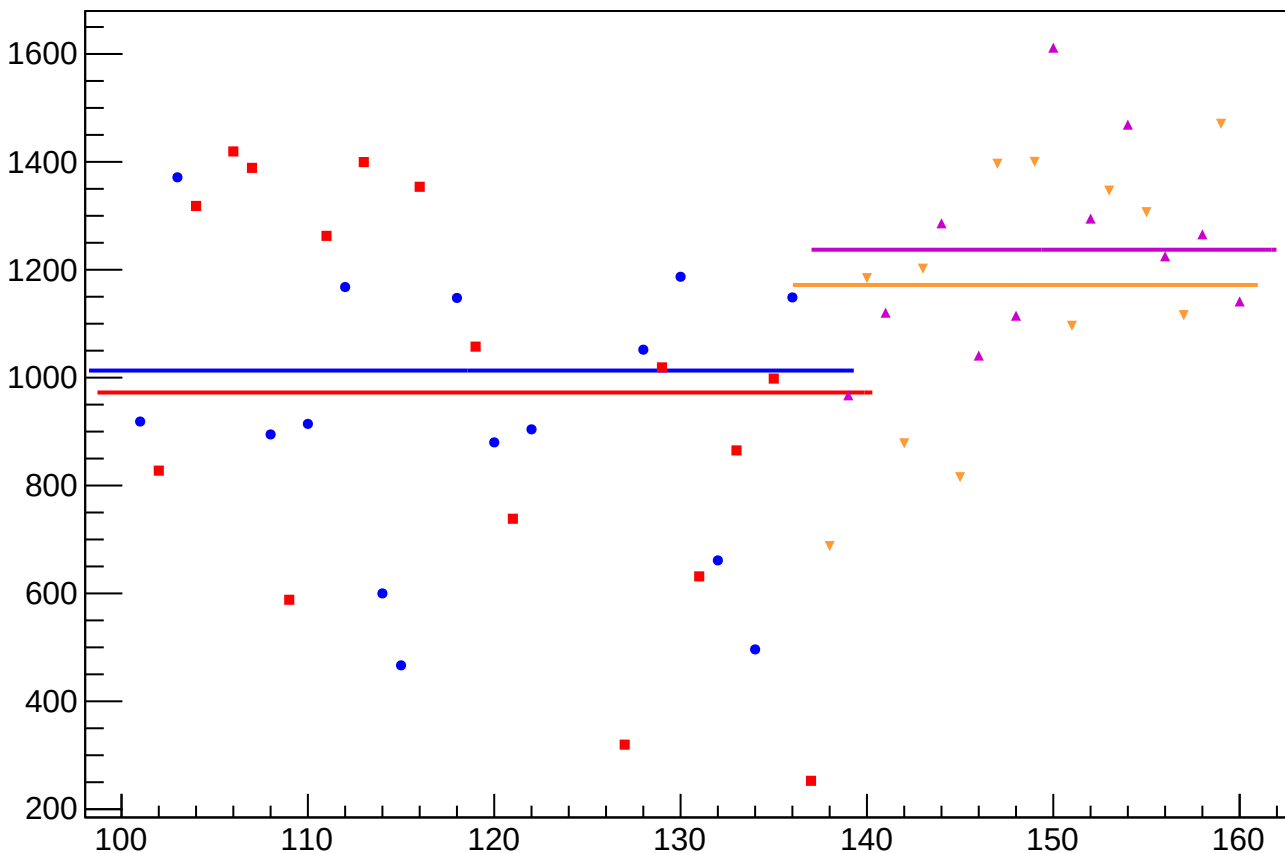
+ sign -5447.429+/-0.000 χ^2/NDF : 2108050211497
 All: -5609.905+/-0.000 χ^2/NDF : 4607018672
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 685.307+/-0.000 χ^2/NDF : 46333249080985813233742212153458294784.0/11
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

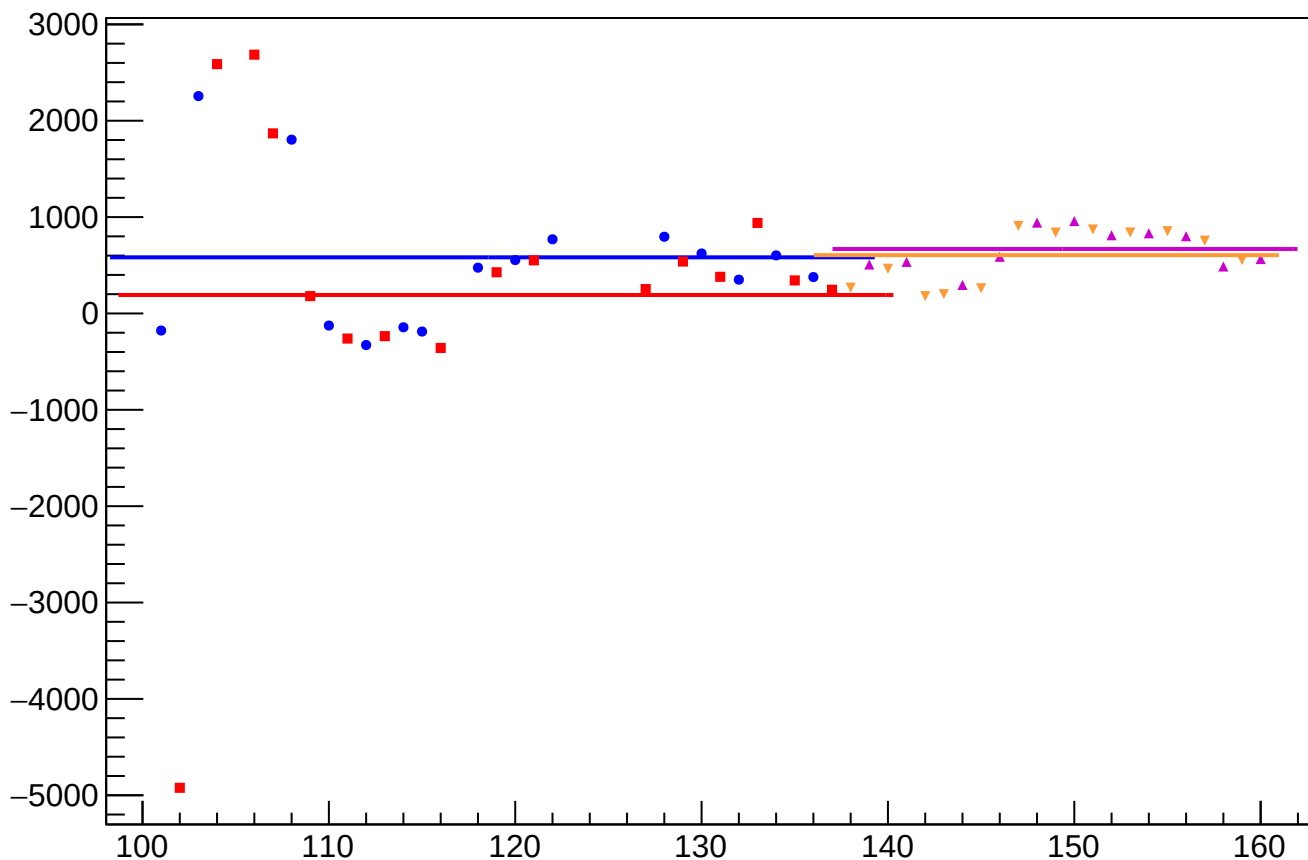
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 605.074+/-0.000 χ^2/NDF : 67912515245446196729937130882705915904.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 595.655+/-0.000 χ^2/NDF : 406904373797989

All: 531.737+/-0.000 χ^2/NDF : 271615503925

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



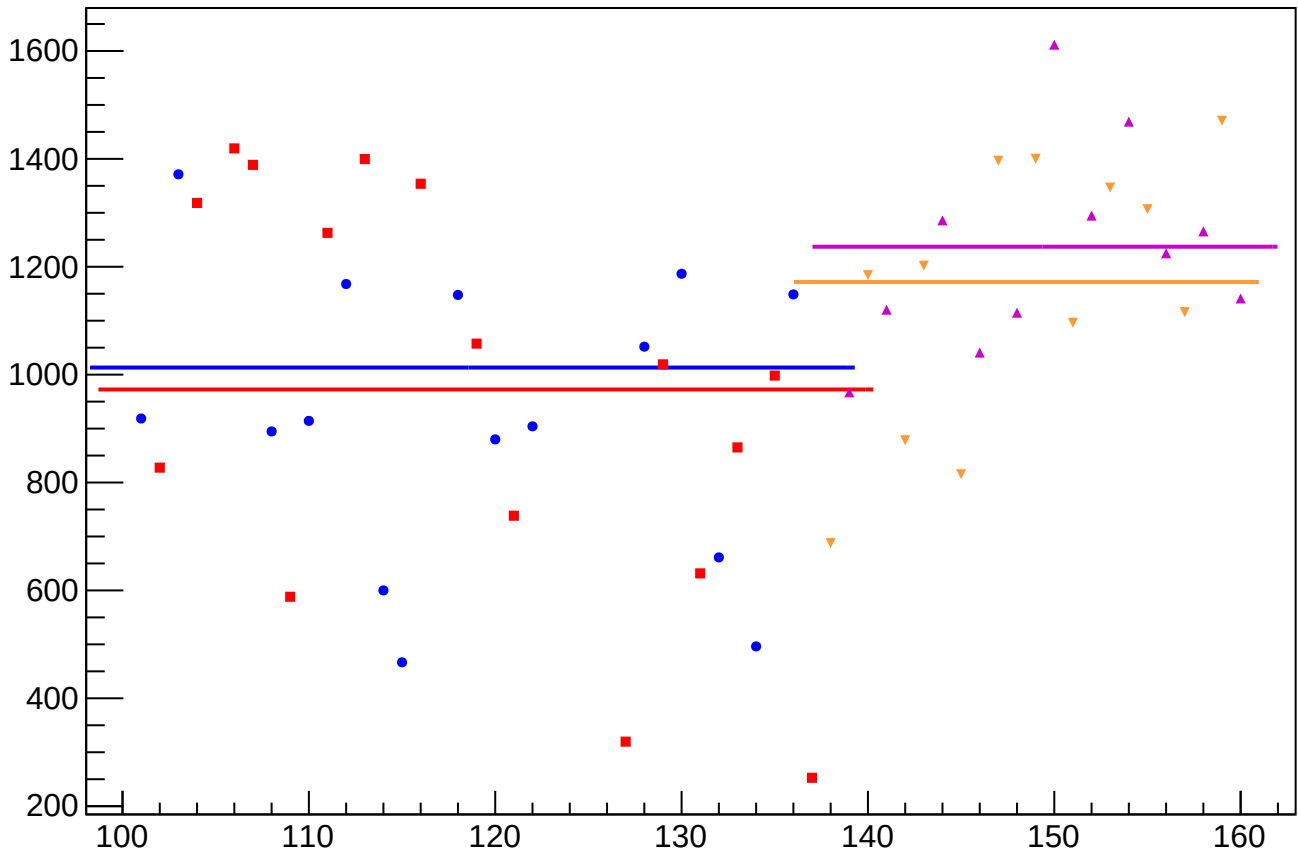
Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 142.333+/-0.000 χ^2/NDF : 699754234994212847043453967042347008.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

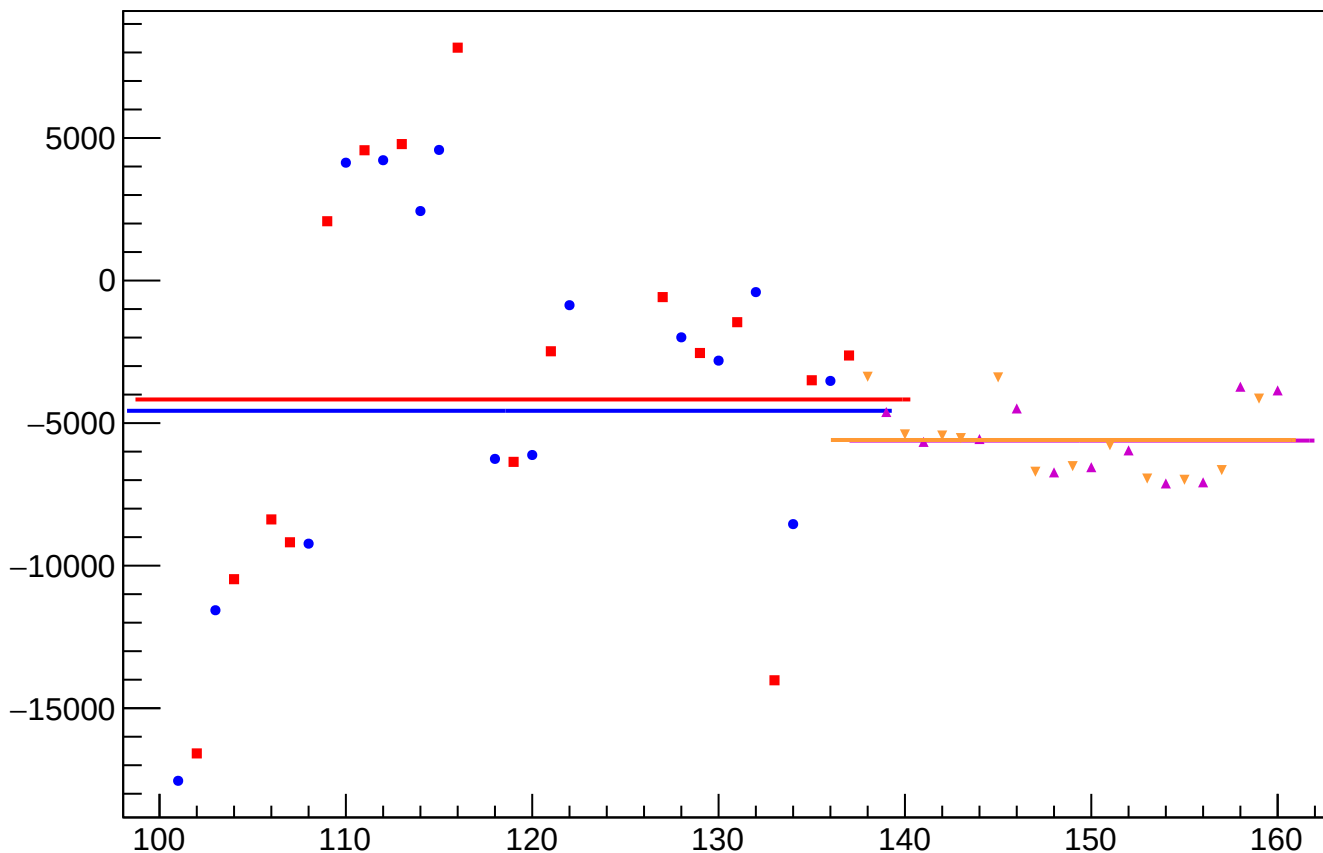
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

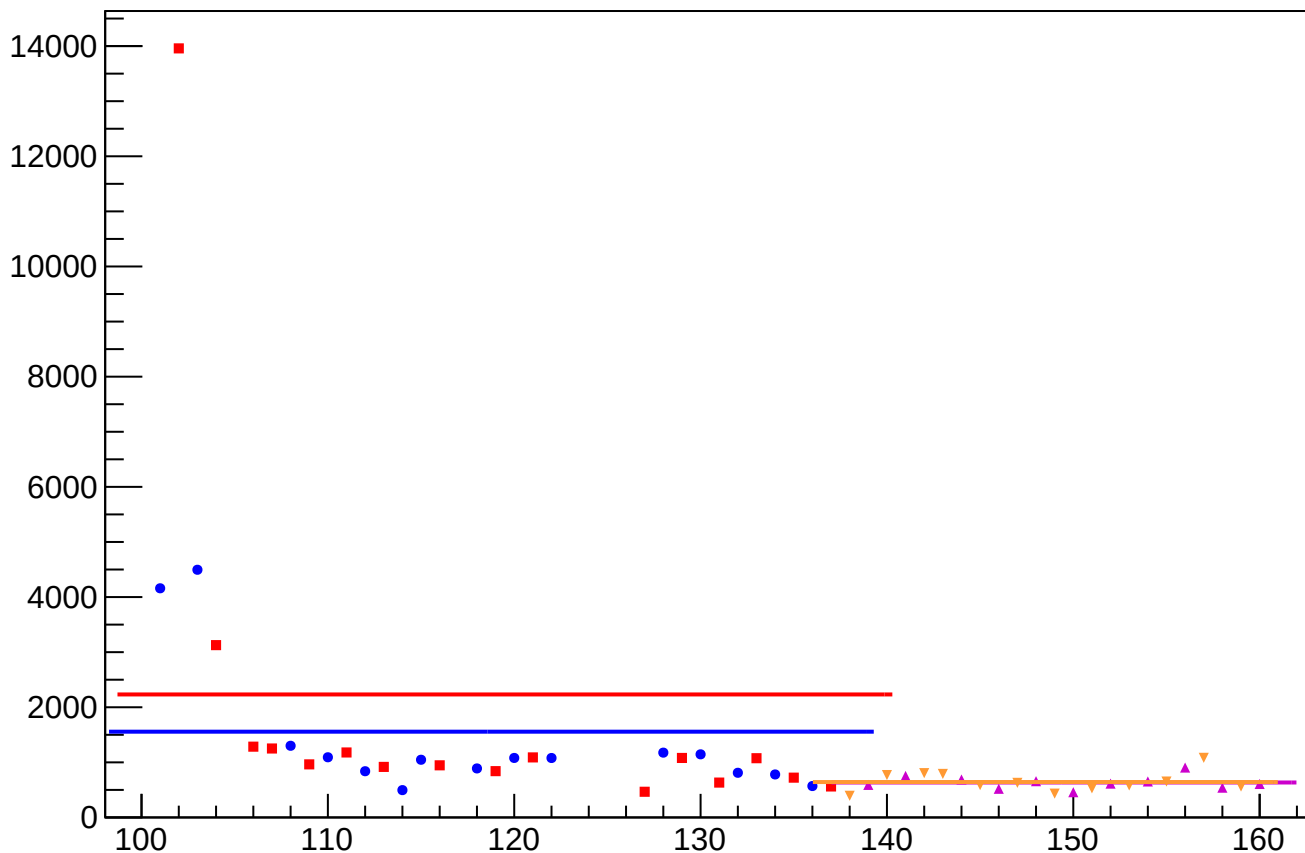
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5592.357+/-0.000	χ^2/NDF : 1502507998590915650067934753088681803776.0/11
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5613.024+/-0.000	χ^2/NDF : 1272210659936261957248133173503170969600.0/10

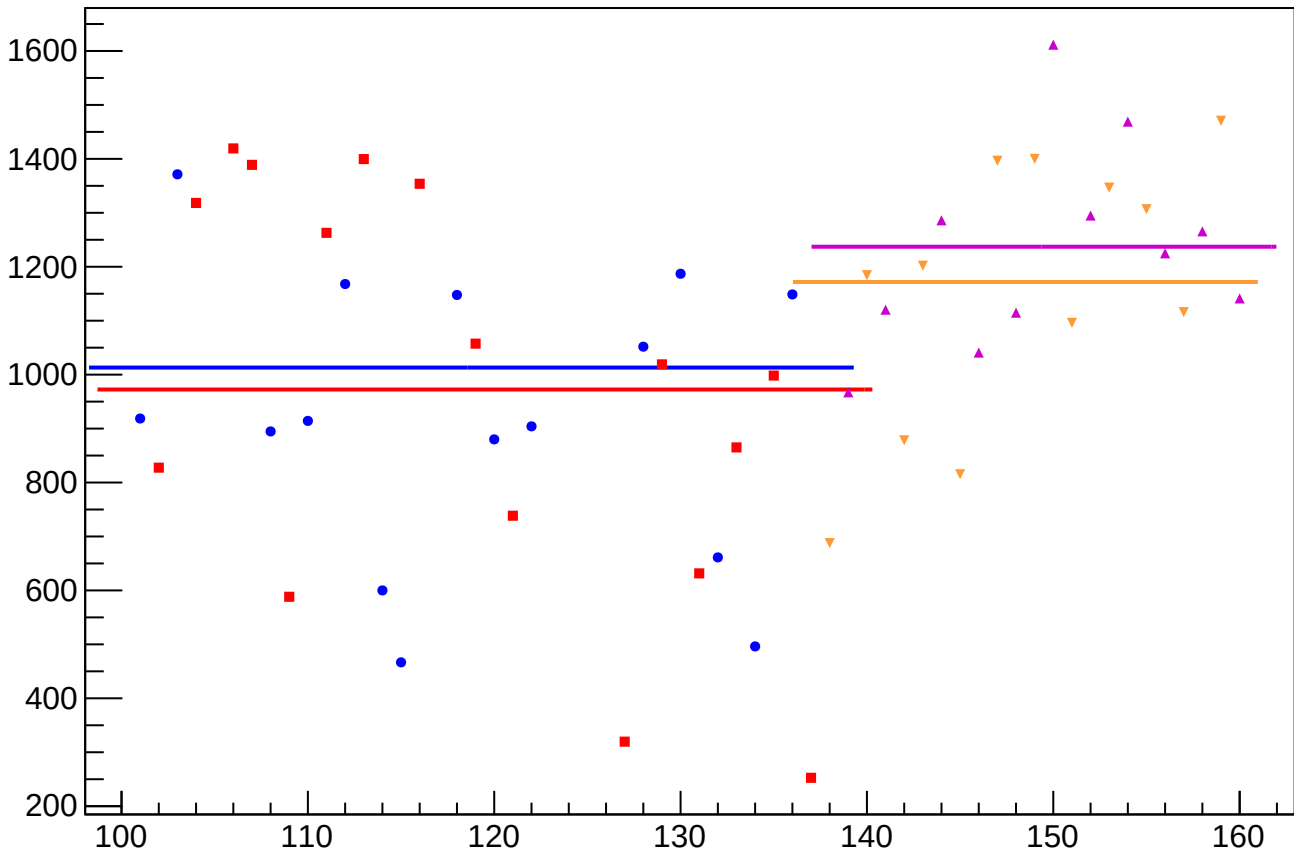
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 642.639+/-0.000 χ^2/NDF : 29931346030134316080818937490076336128.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10
 All: 1164.597+/-0.000 χ^2/NDF : 11541094593
 + sign 1022.208+/-0.000 χ^2/NDF : 14864291079277
 - sign 1304.479+/-0.000 χ^2/NDF : 99918451960380

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

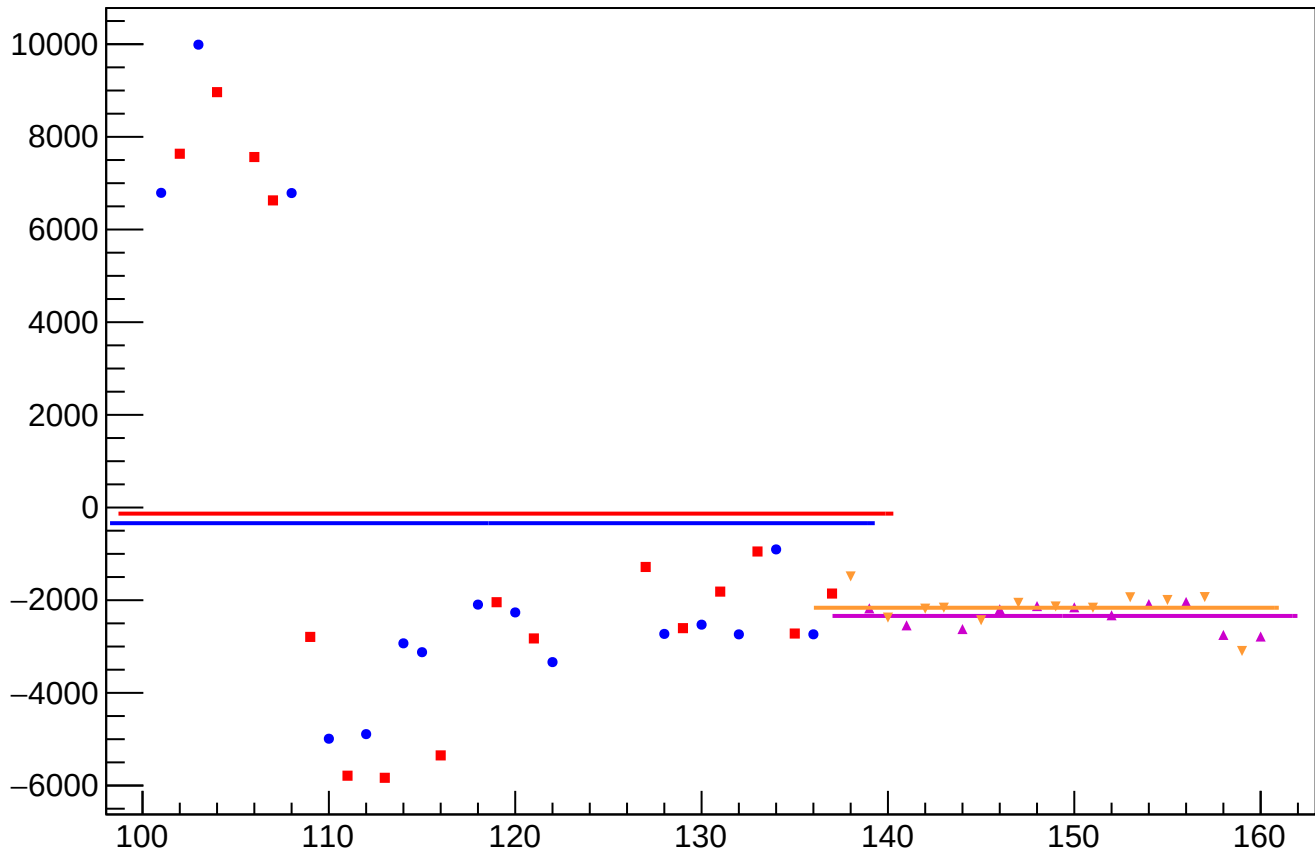
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam1_coil6_mean vs Slug



Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$

Left Out: -2162.857 ± 0.000 $\chi^2/\text{NDF}: 126332275232930257638482620391759020032.0/11$

Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$

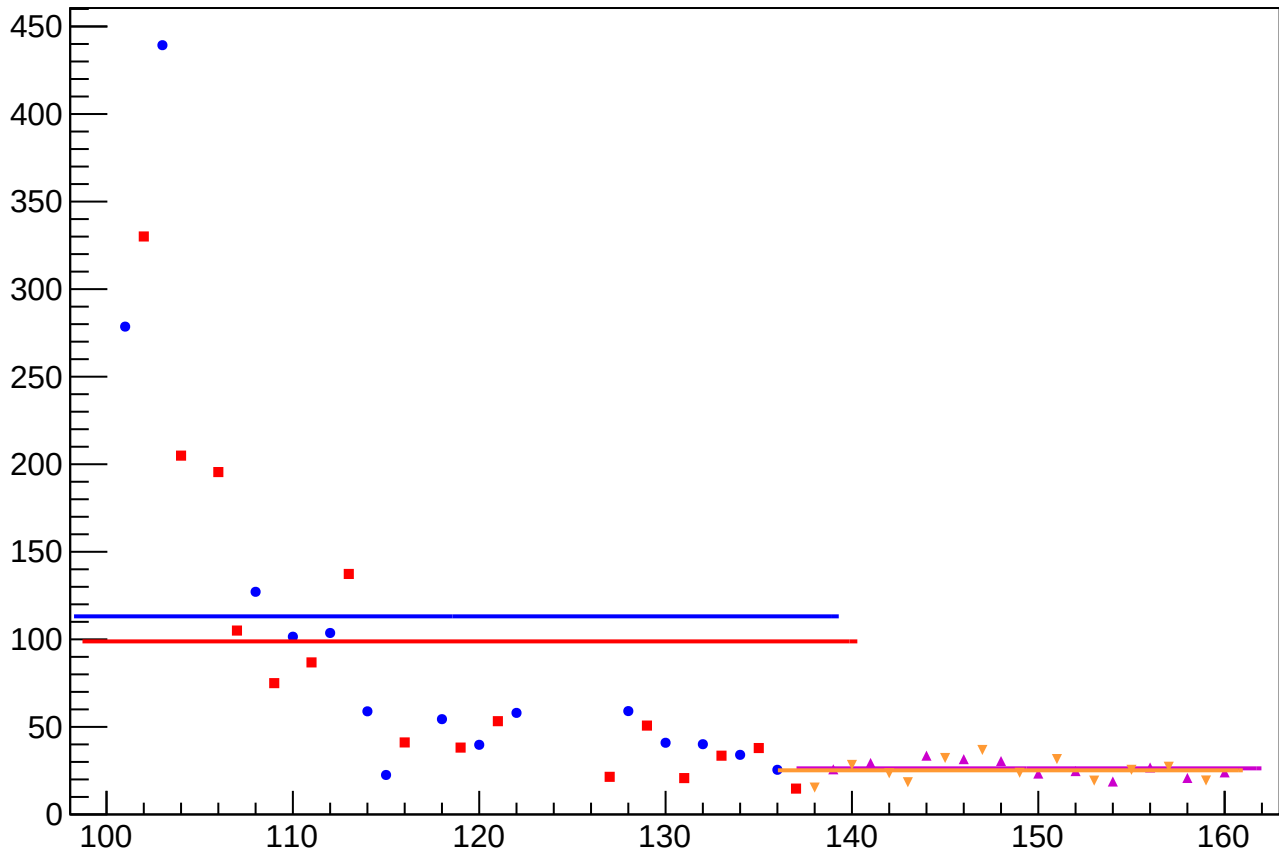
Left In: -2339.639 ± 0.000 $\chi^2/\text{NDF}: 62860144247456957543810906284181422080.0/10$

+ sign -1405.071 ± 0.000 $\chi^2/\text{NDF}: 1654286779746$

All: -1409.541 ± 0.000 $\chi^2/\text{NDF}: 3496770485$

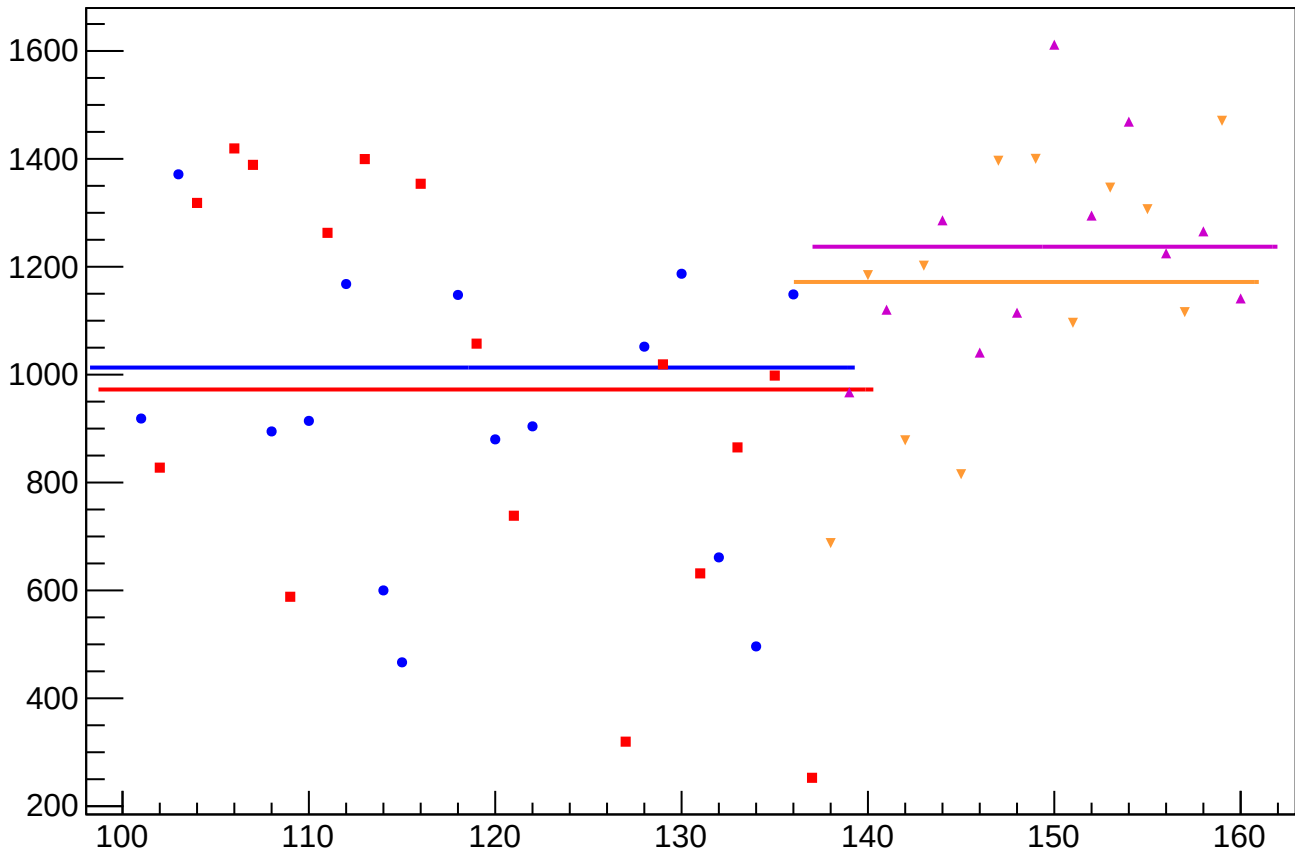
- sign -1413.933 ± 0.000 $\chi^2/\text{NDF}: 18424775138160$

dit_sam1_coil6_err_mean vs Slug



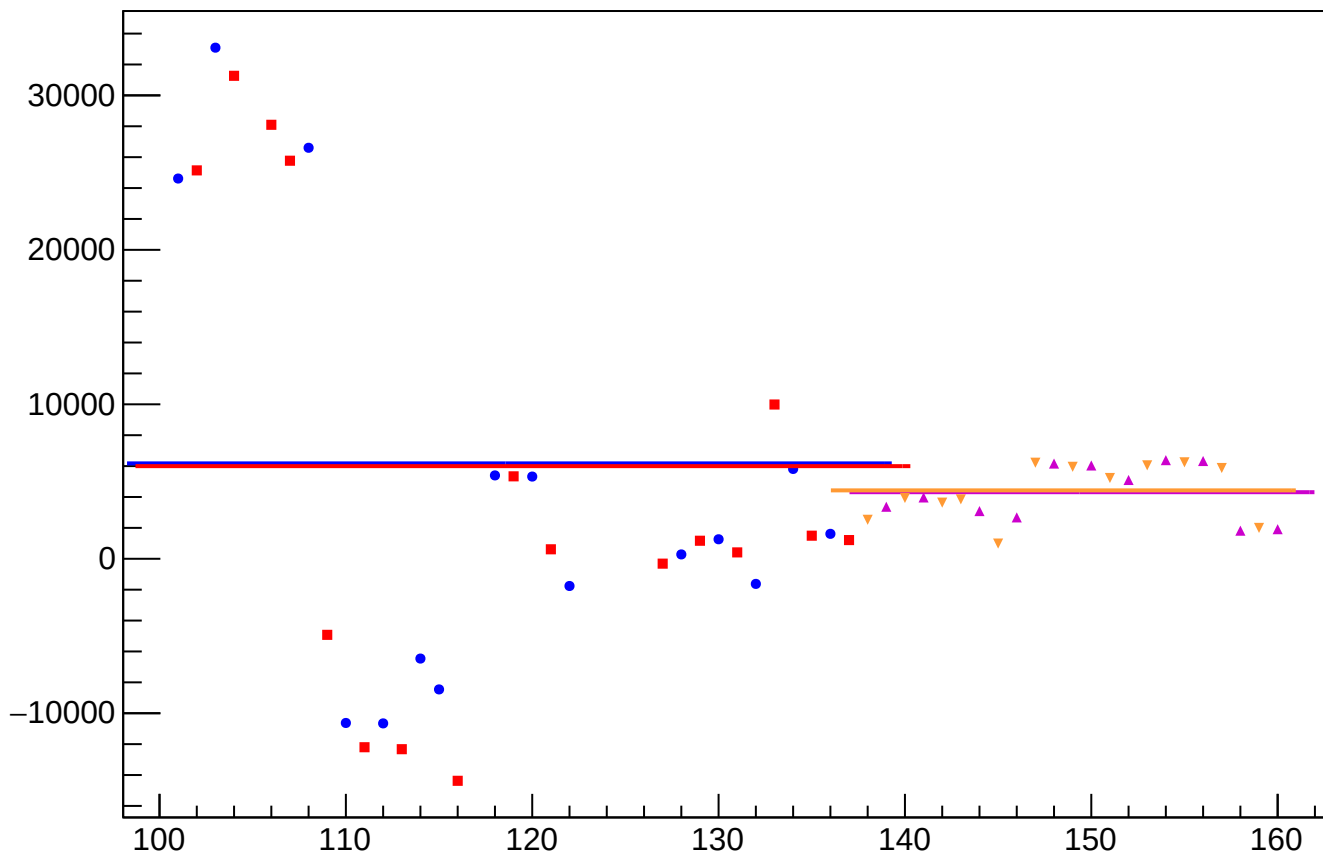
Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.204+/-0.000 χ^2/NDF : 35340998729966912863138320392126464.0/11
 Right Out: 98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: 26.331+/-0.000 χ^2/NDF : 18142873408814573481950758043648000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



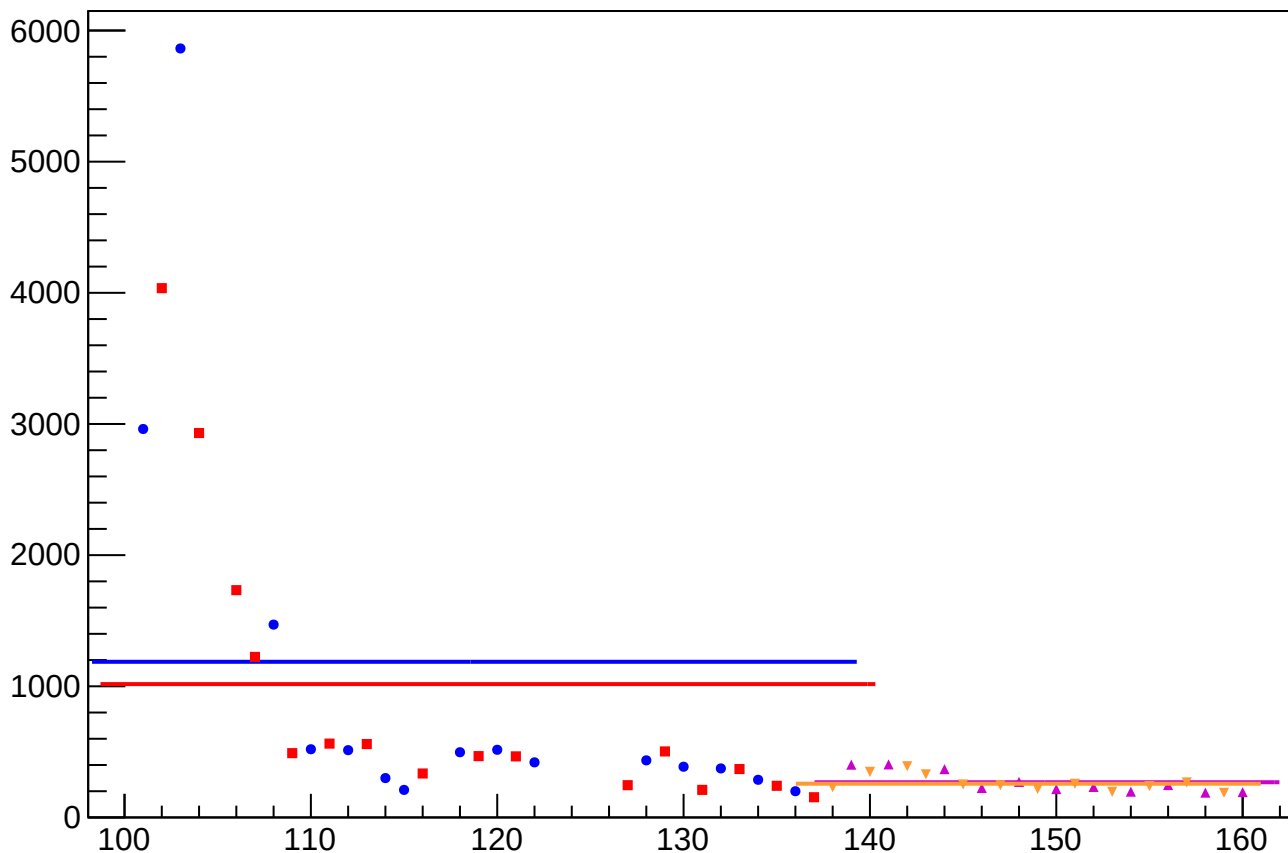
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam2_coil6_mean vs Slug



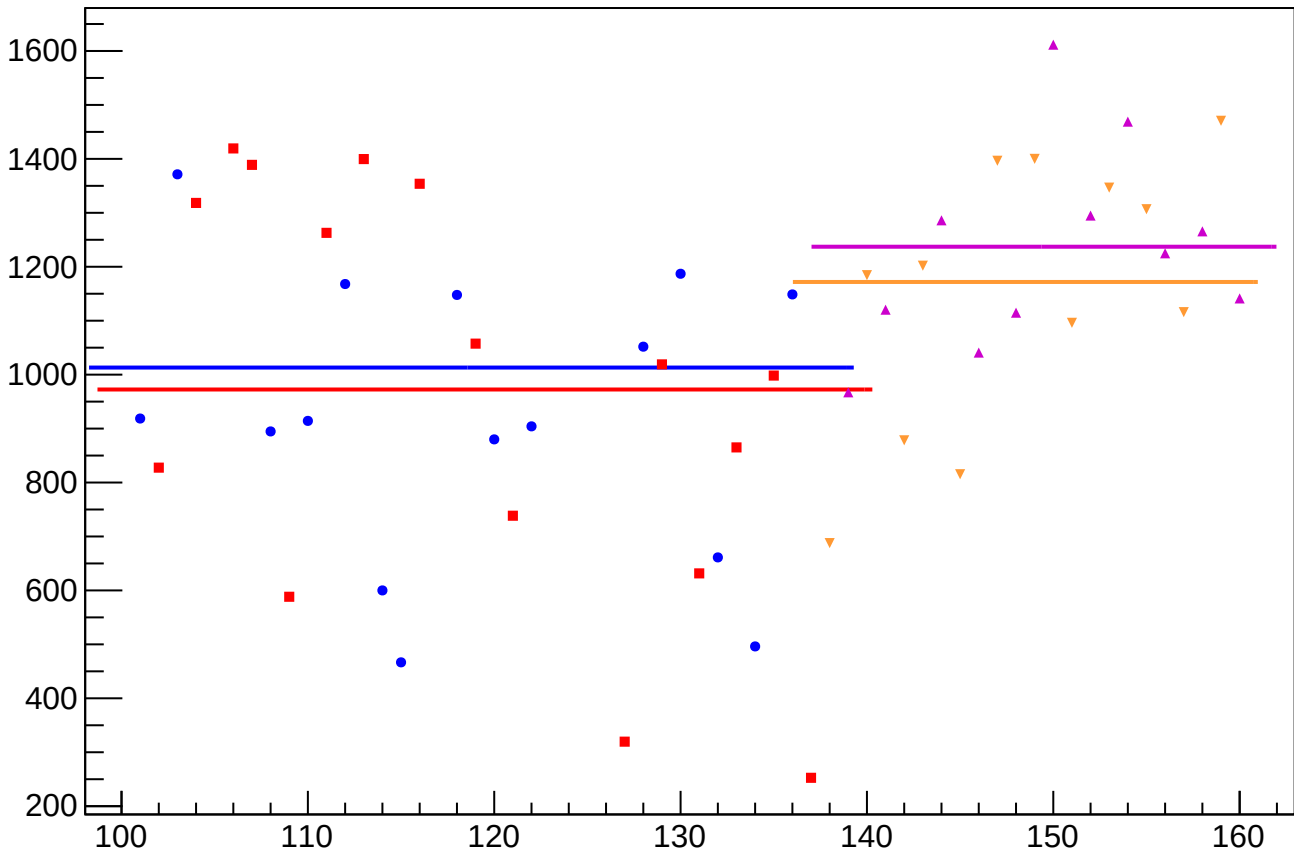
Right In: 6175.493+/-0.000	χ^2/NDF : 117260877162921223967478349050708452442112.0/14
Left Out: 4428.101+/-0.000	χ^2/NDF : 2900138976874387724183278190835470958592.0/11
Right Out: 5996.727+/-0.000	χ^2/NDF : 137057710785025136543407710107916356812800.0/15
Left In: 4310.541+/-0.000	χ^2/NDF : 2687248811790643780000086030830396243968.0/10
+ 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



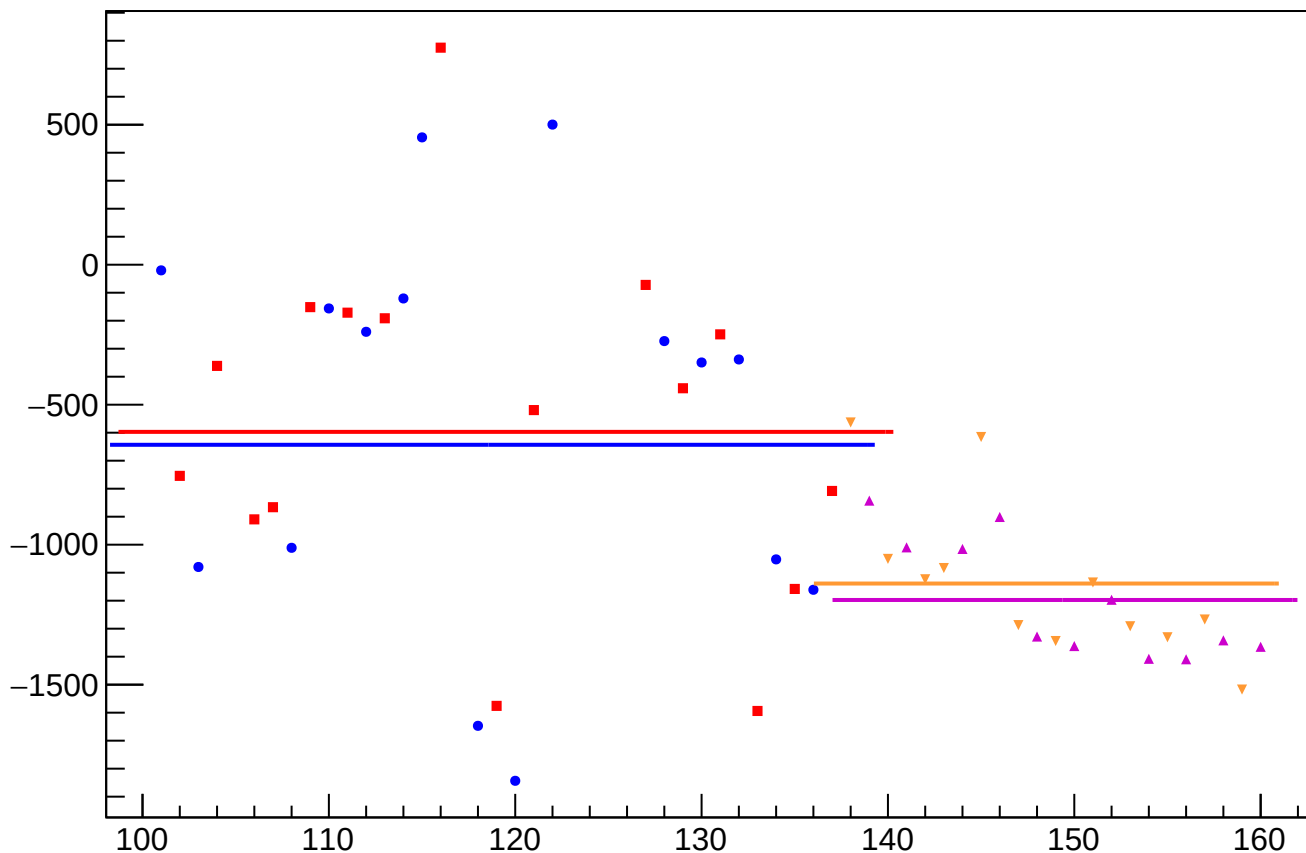
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 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

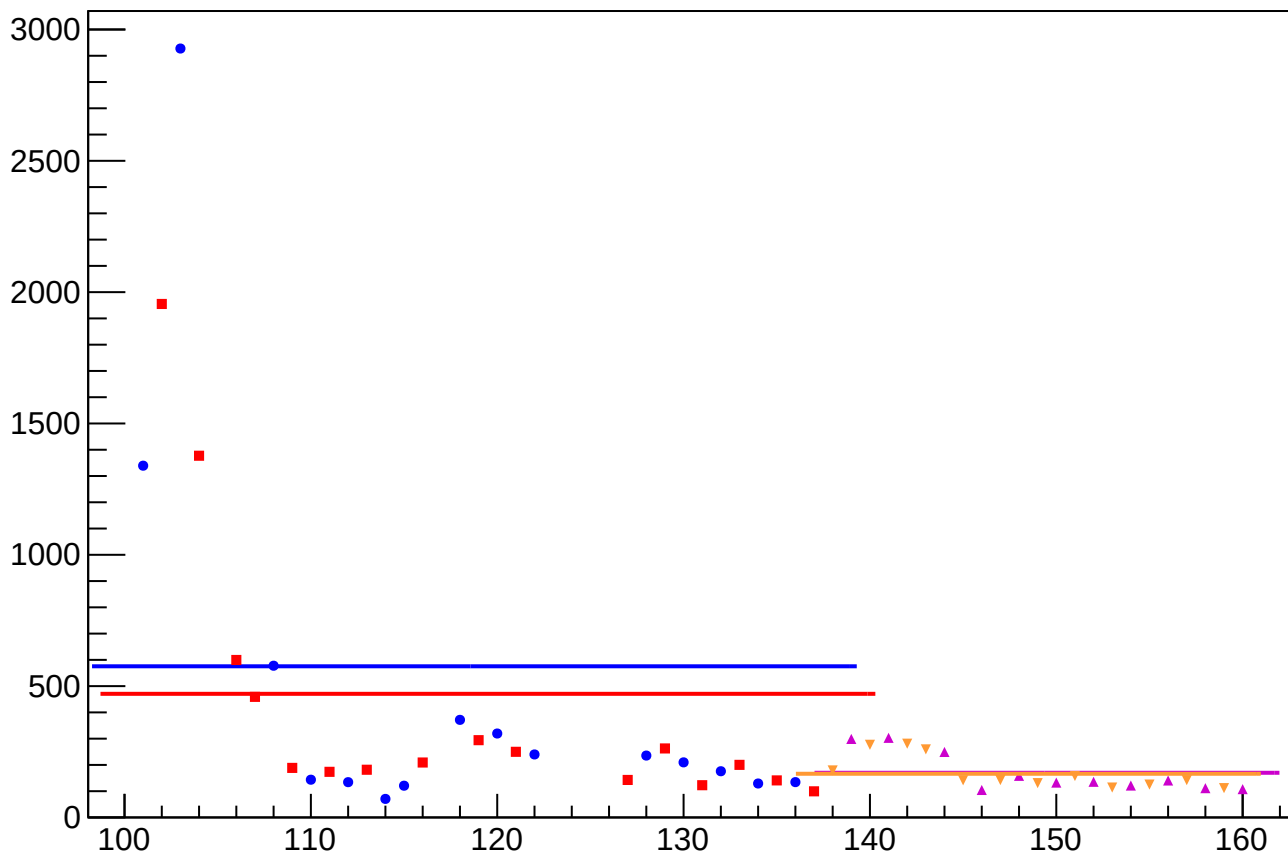
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ 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

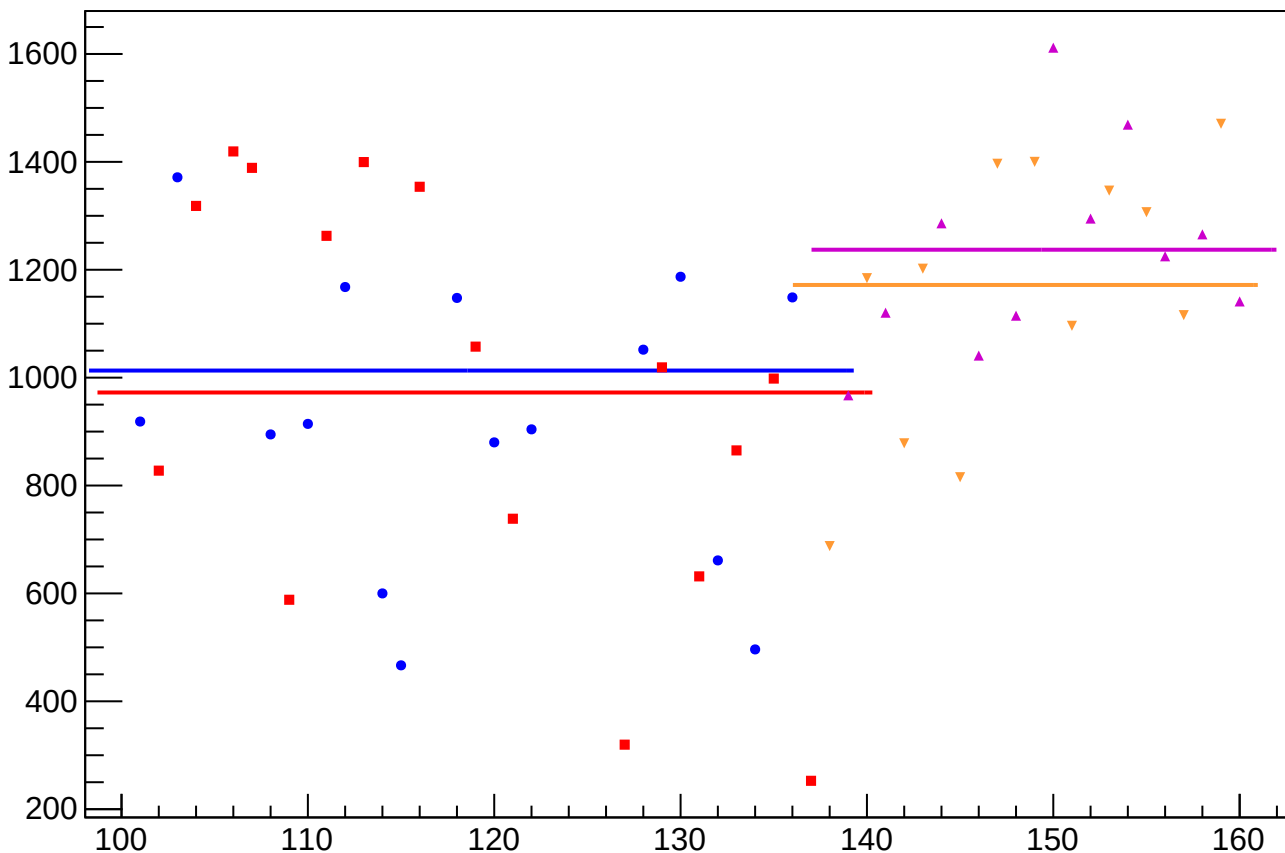
All: 316.009+/-0.000 χ^2/NDF : 749713374727

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

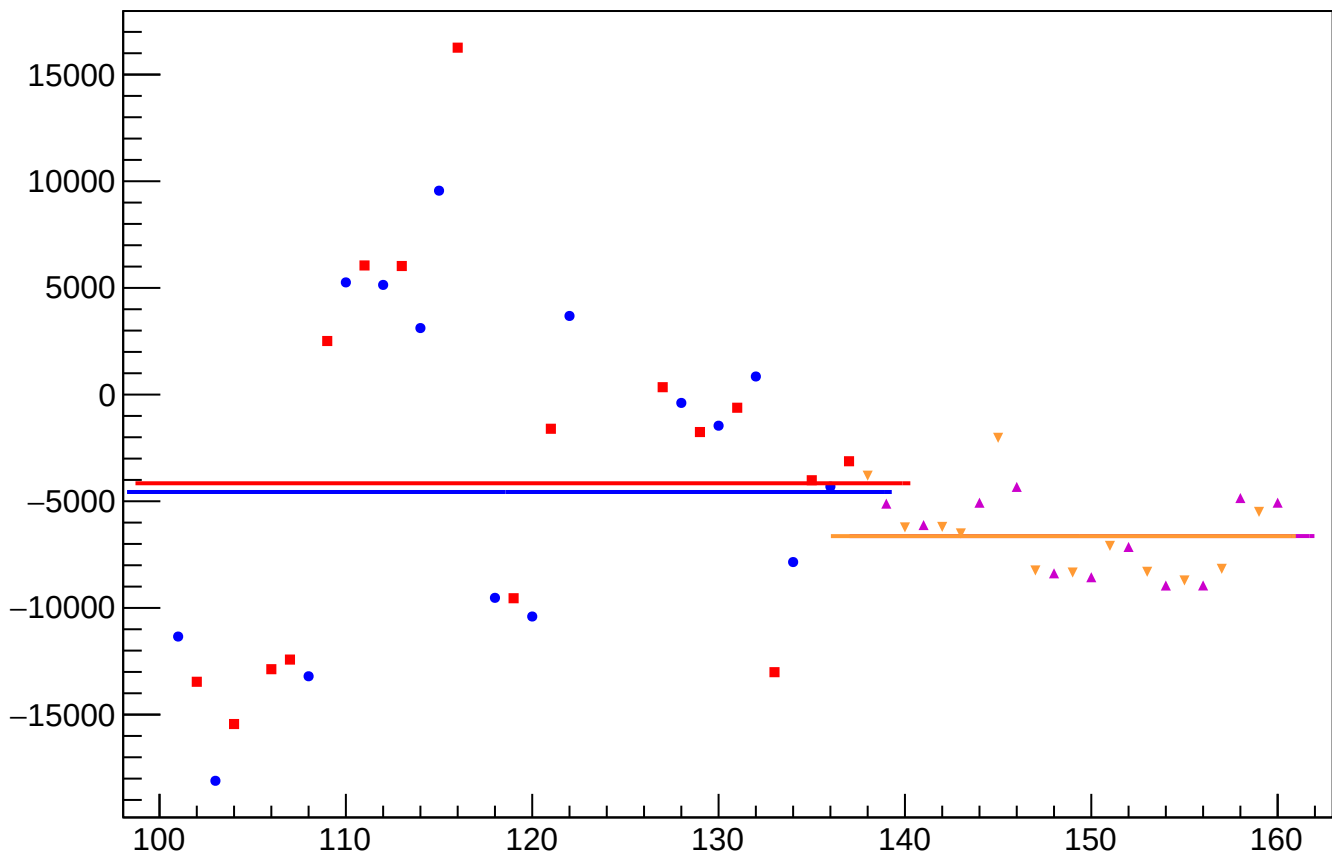
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

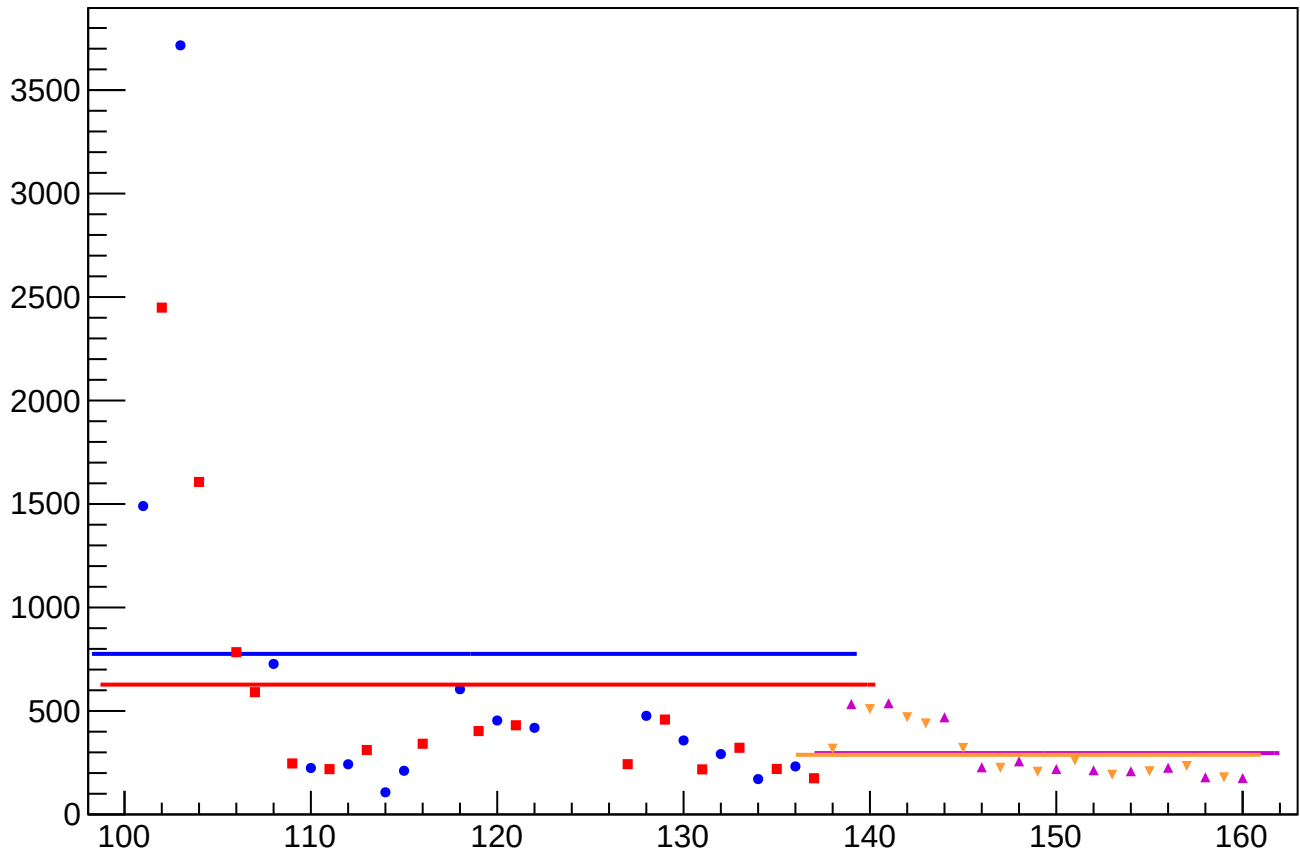
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

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

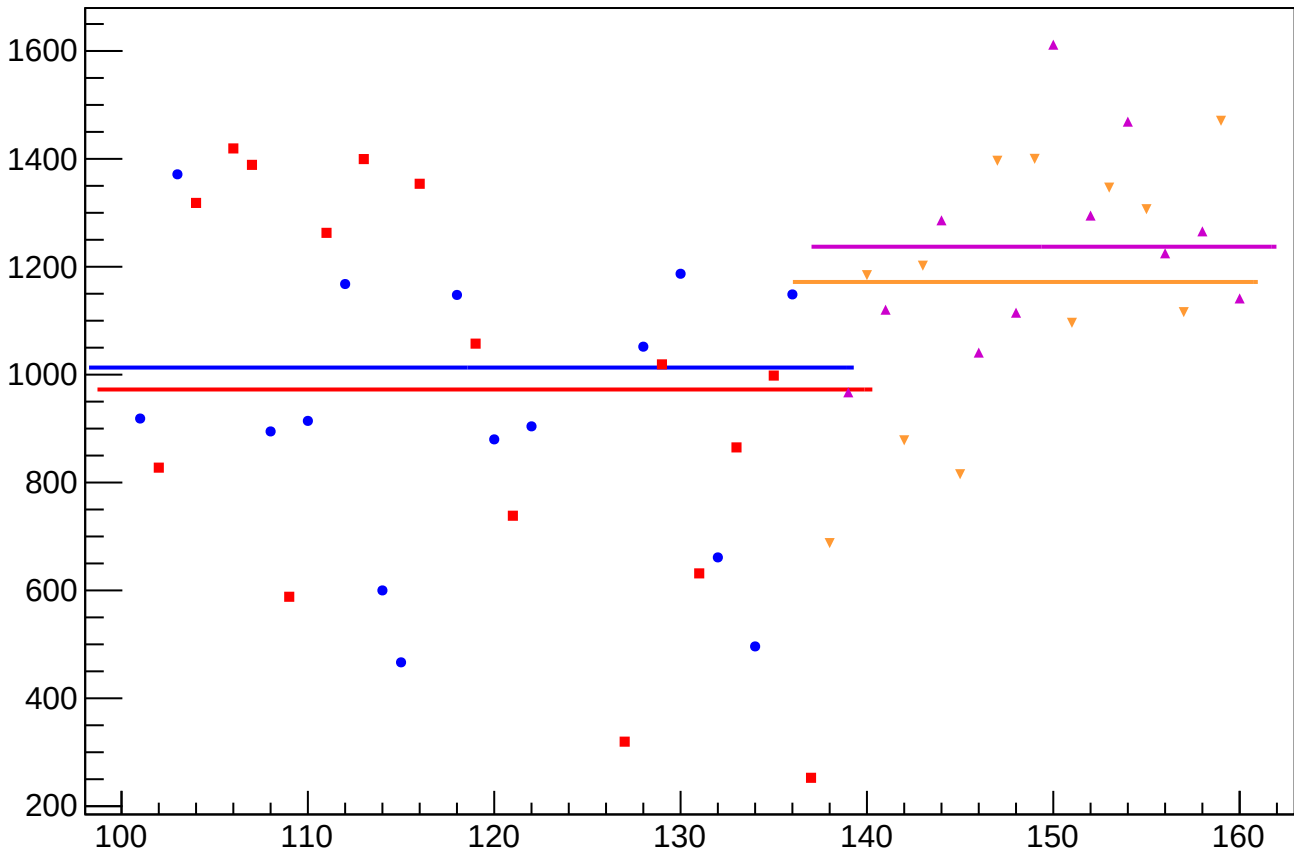
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 11020925146

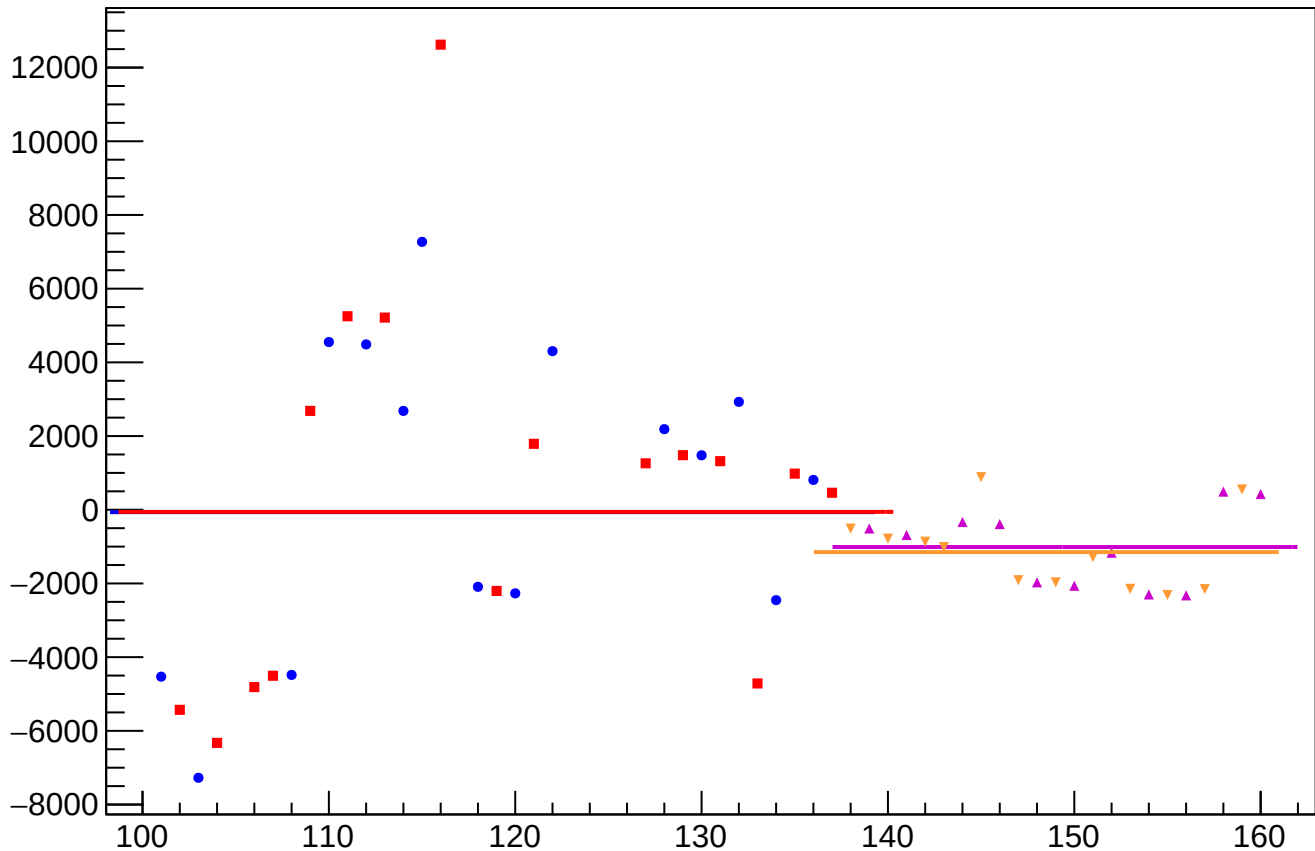
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



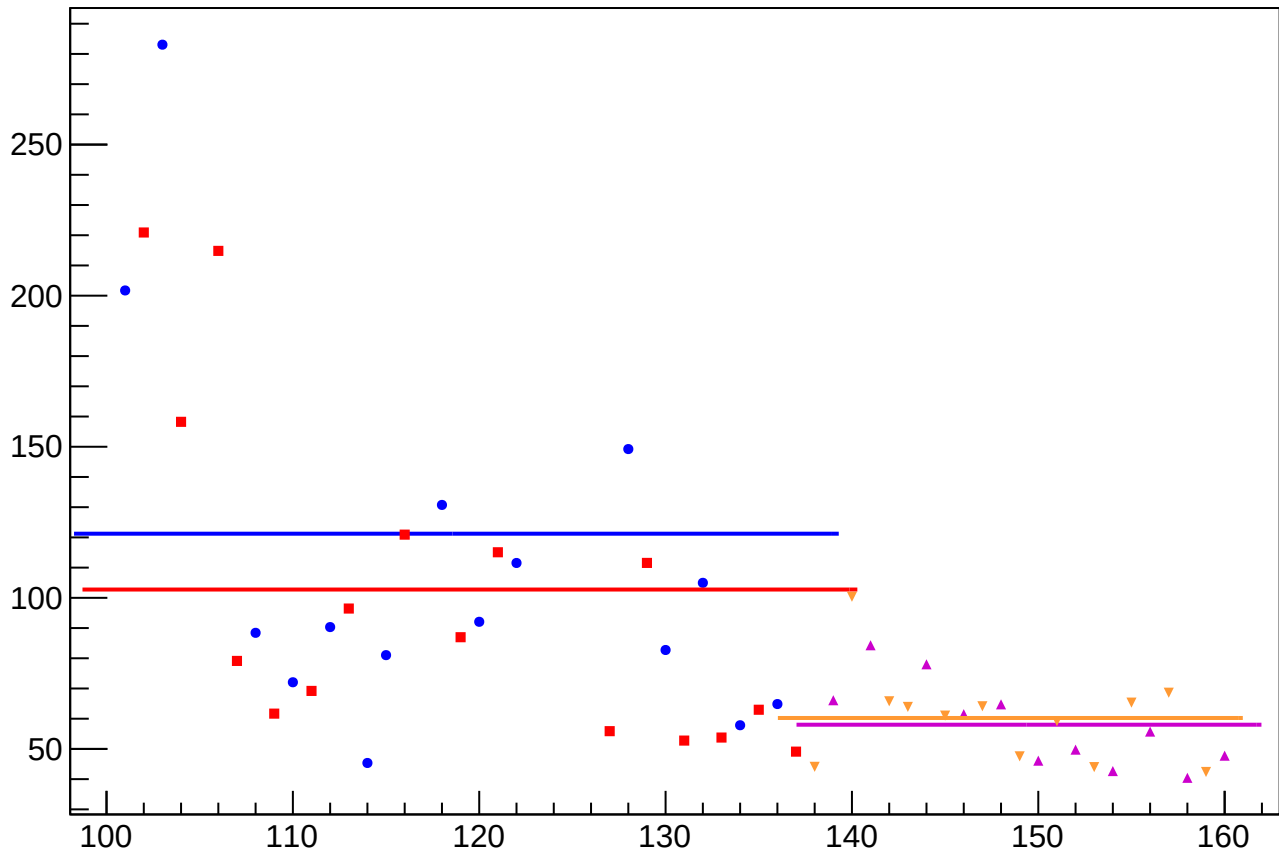
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam5_coil6_mean vs Slug



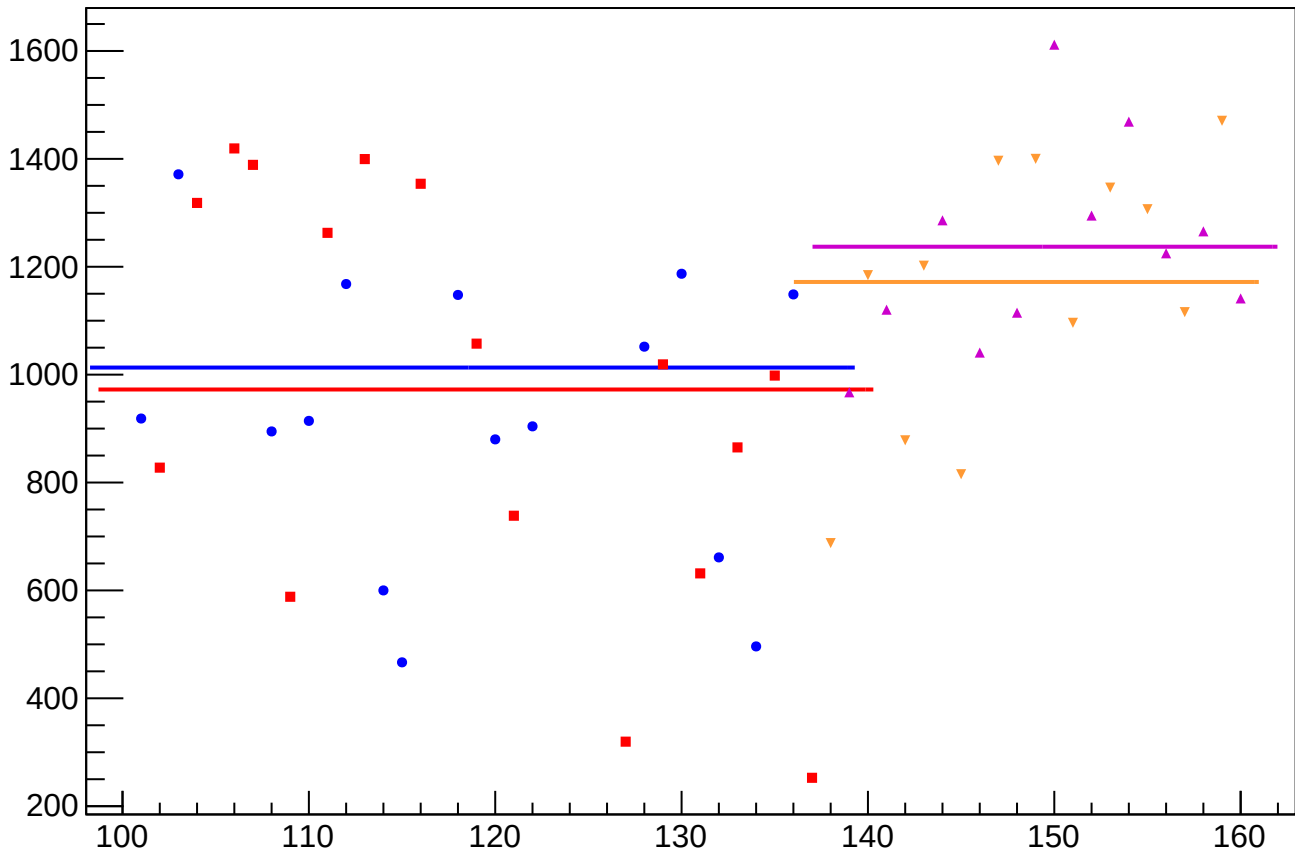
Right In: -64.751 ± 0.000 $\chi^2/\text{NDF}: 9614223448851814191683817349989558910976.0/14$
 Left Out: -1149.036 ± 0.000 $\chi^2/\text{NDF}: 977384281251527862797157265716912586752.0/11$
 Right Out: -57.229 ± 0.000 $\chi^2/\text{NDF}: 13780958977008702301942505454387177979904.0/15$
 Left In: -1011.284 ± 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

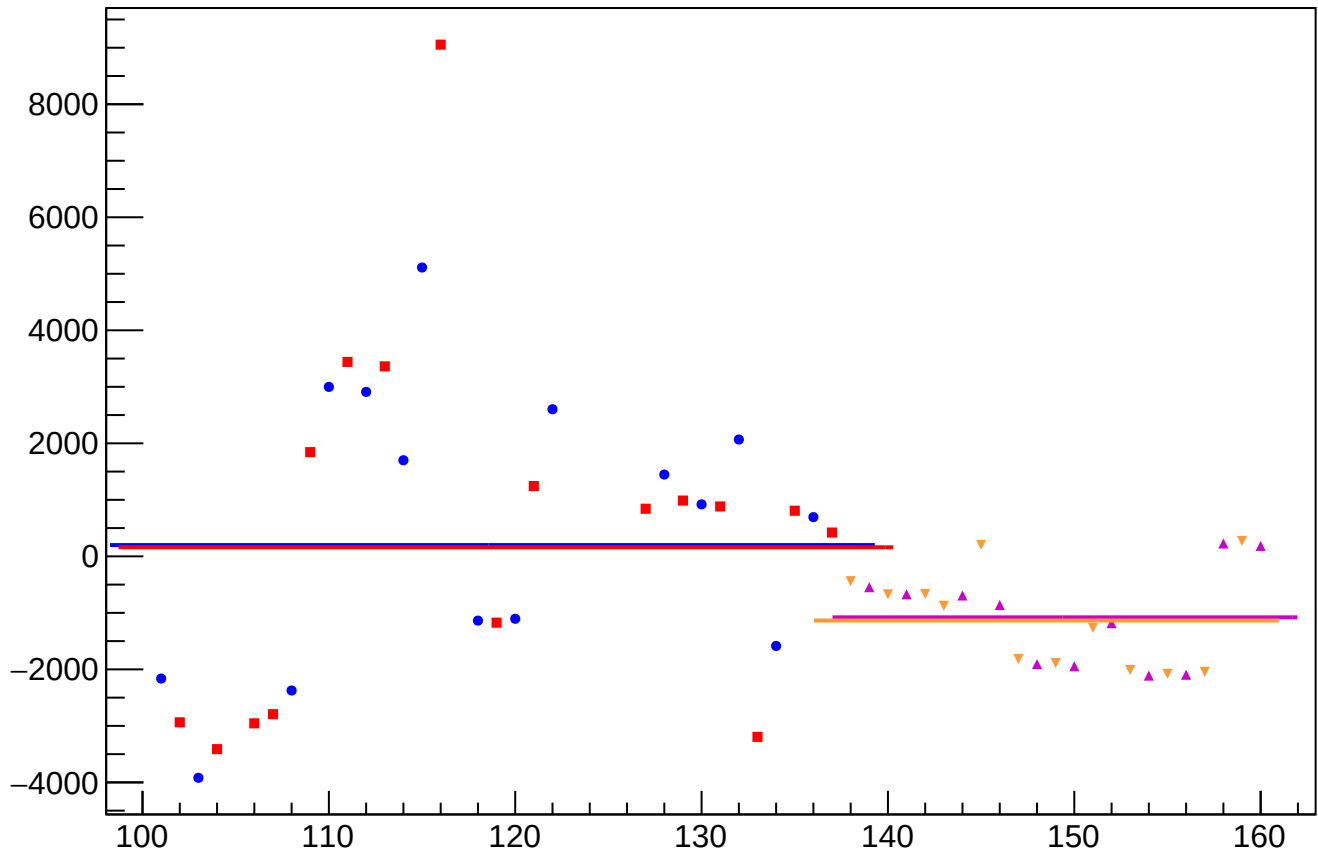
dit_sam5_coil6_Ndata_mean vs Slug



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

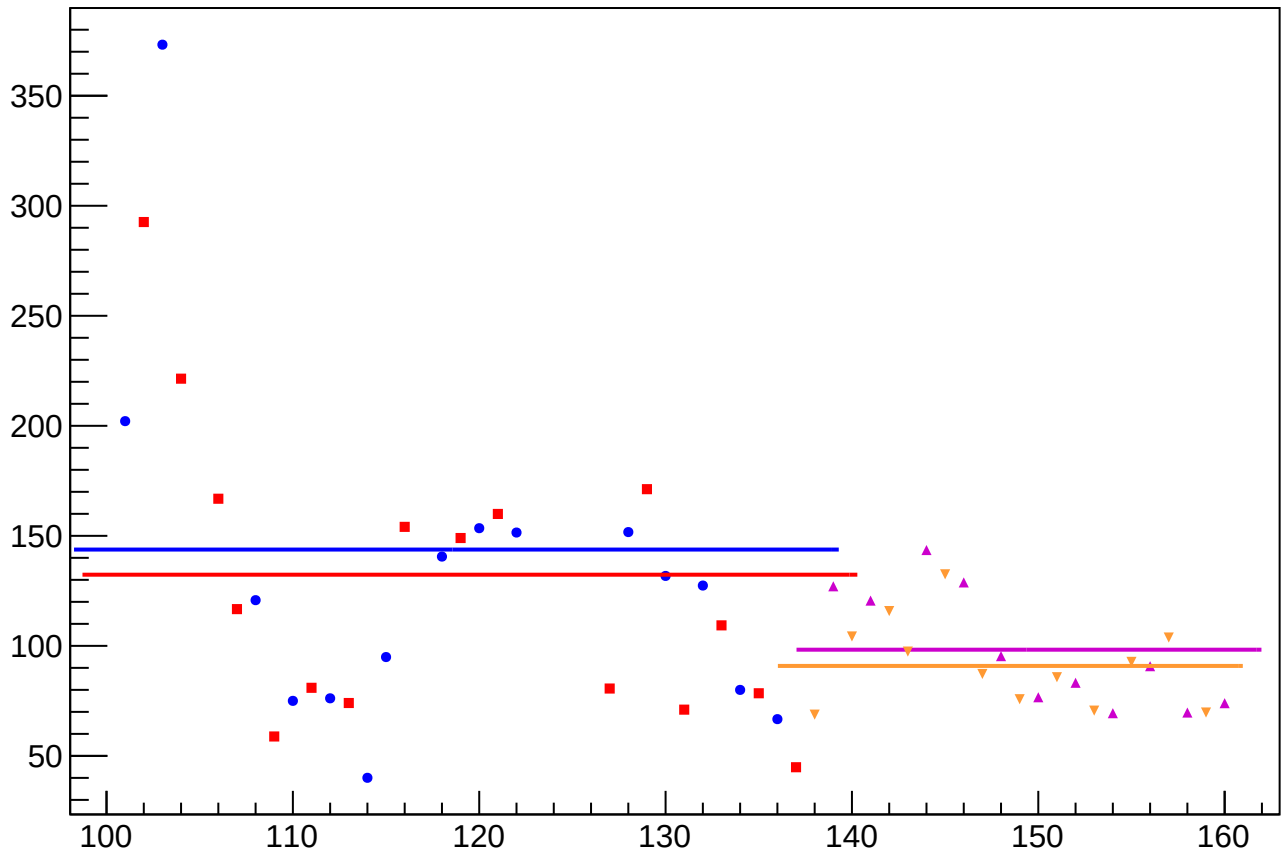
+ sign 1105.927 ± 0.000 χ^2/NDF : 93699894673441
 All: 1116.146 ± 0.000 χ^2/NDF : 23037003763
 - sign 1126.185 ± 0.000 χ^2/NDF : 13634656733460

dit_sam6_coil6_mean vs Slug



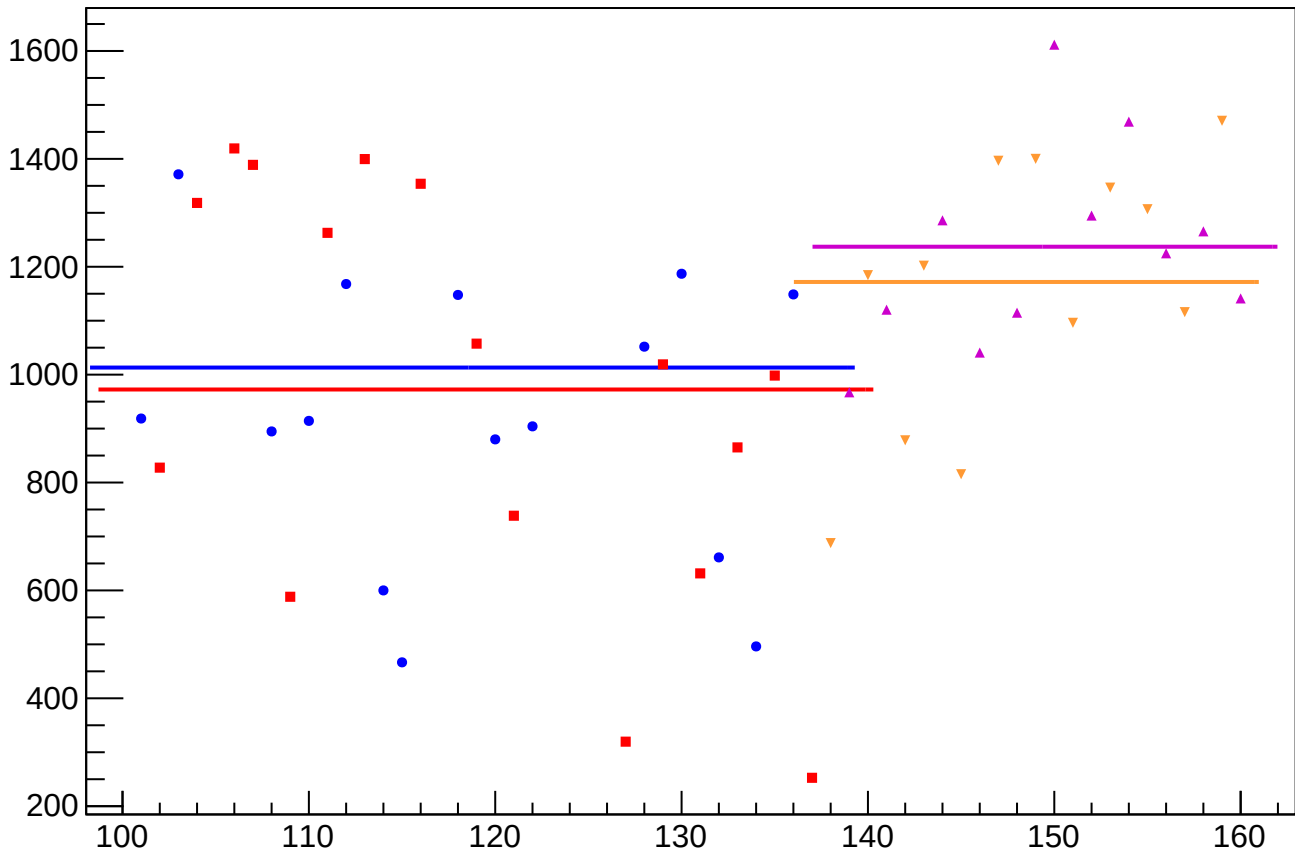
Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -1135.455+/-0.000 χ^2/NDF : 654697592596579349133010058178925166592.0/11
 Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10
 All: -570.315+/-0.000 χ^2/NDF : 11490561476
 + sign -581.144+/-0.000 χ^2/NDF : 45992004244900
 - sign -559.678+/-0.000 χ^2/NDF : 689099774035240

dit_sam6_coil6_err_mean vs Slug



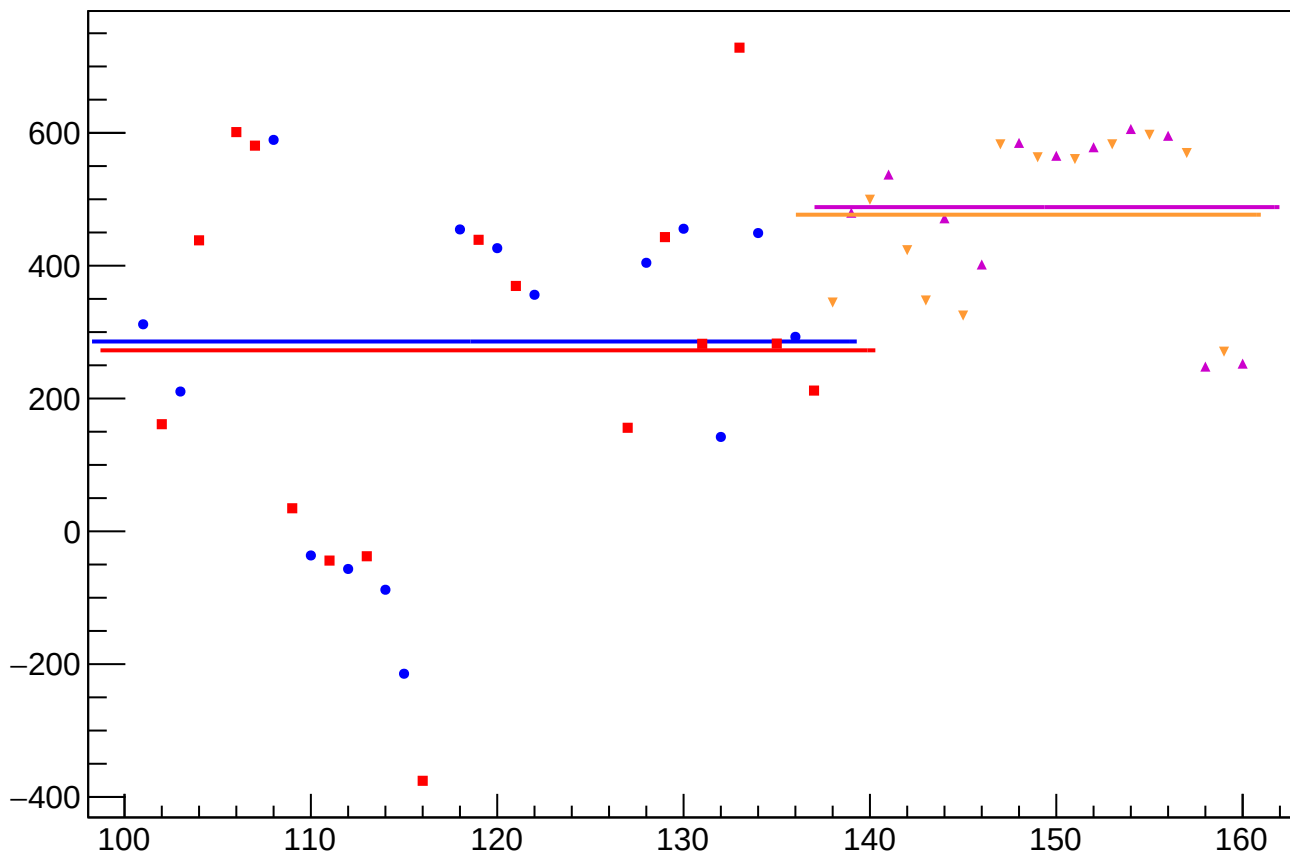
Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14
 Left Out: 90.882 $\pm$ 0.000 χ^2 /NDF: 326242734851411629220497356388040704.0/11
 Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15
 Left In: 98.257 $\pm$ 0.000 χ^2 /NDF: 6209937767730933933033369428470792192.0/10
 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

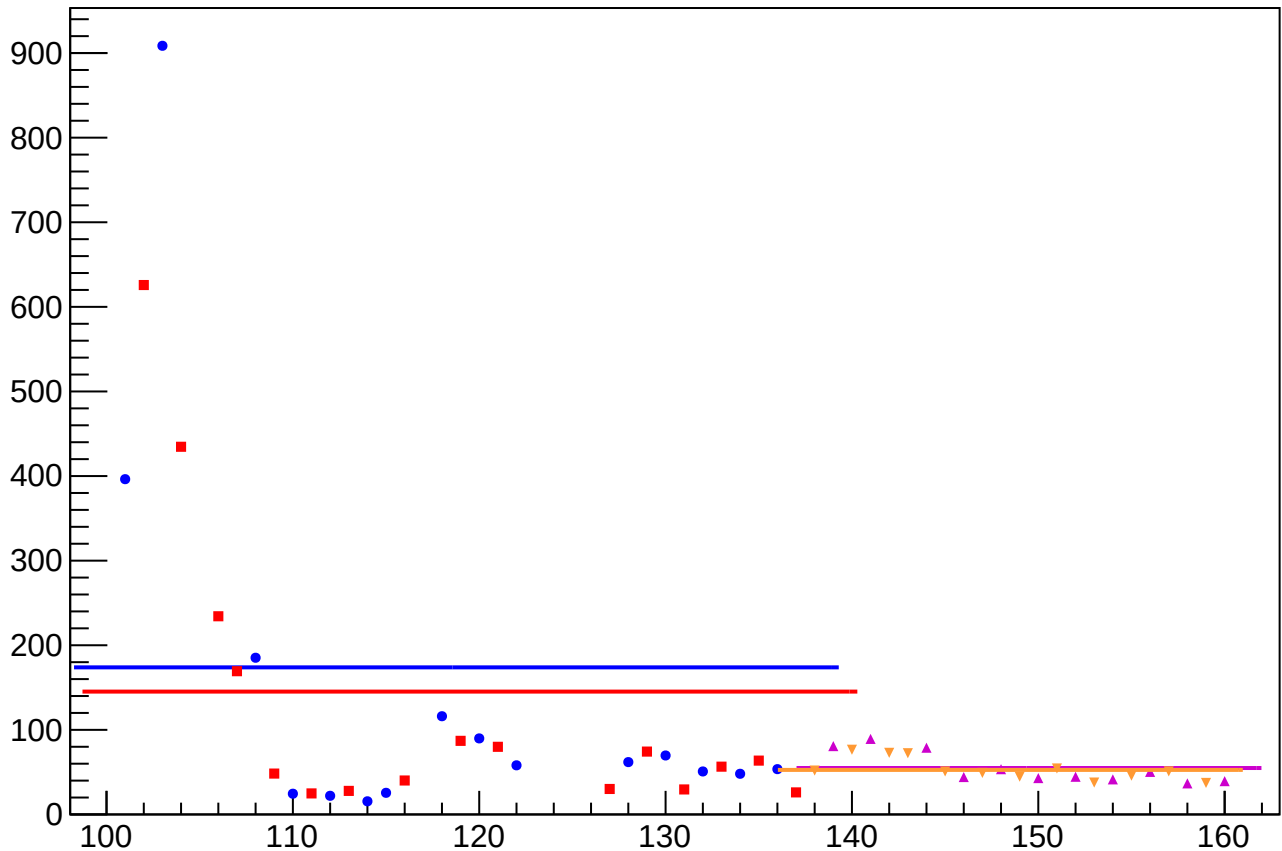
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ 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

+ sign 102.988+/-0.000 χ^2/NDF : 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF : 140159423385887976692066167541465088.0/11

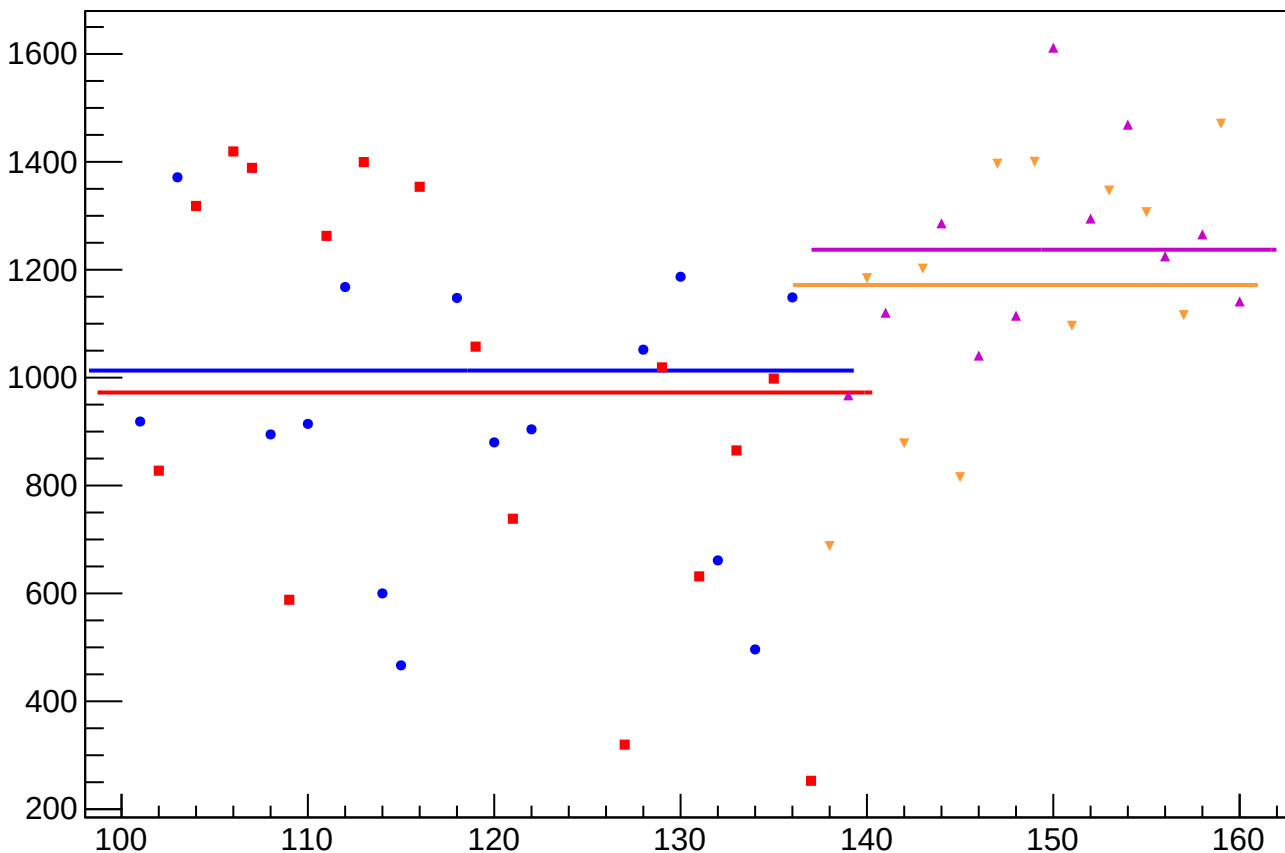
All: 97.830+/-0.000 χ^2/NDF : 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF : 2599123168114386

Left In: 54.891+/-0.000 χ^2/NDF : 300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

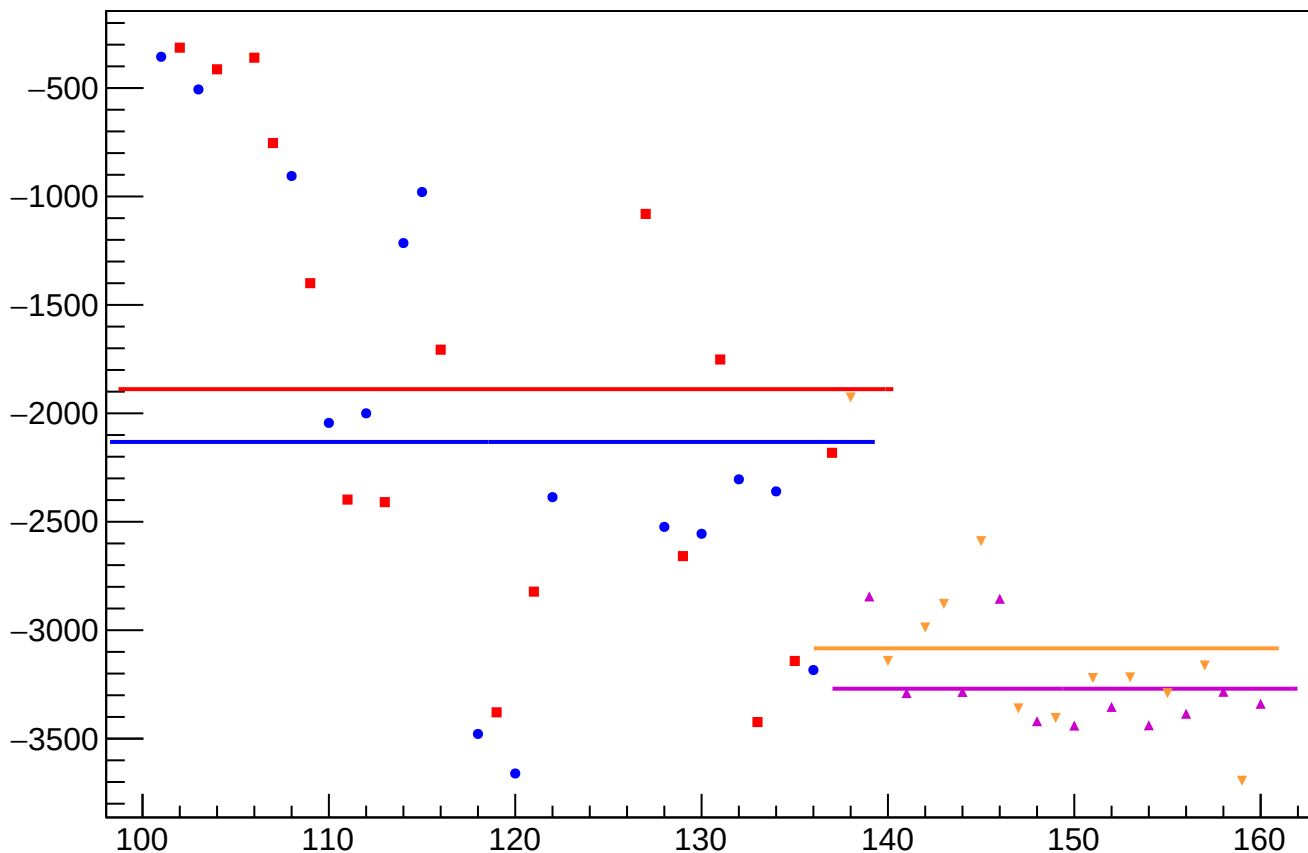
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

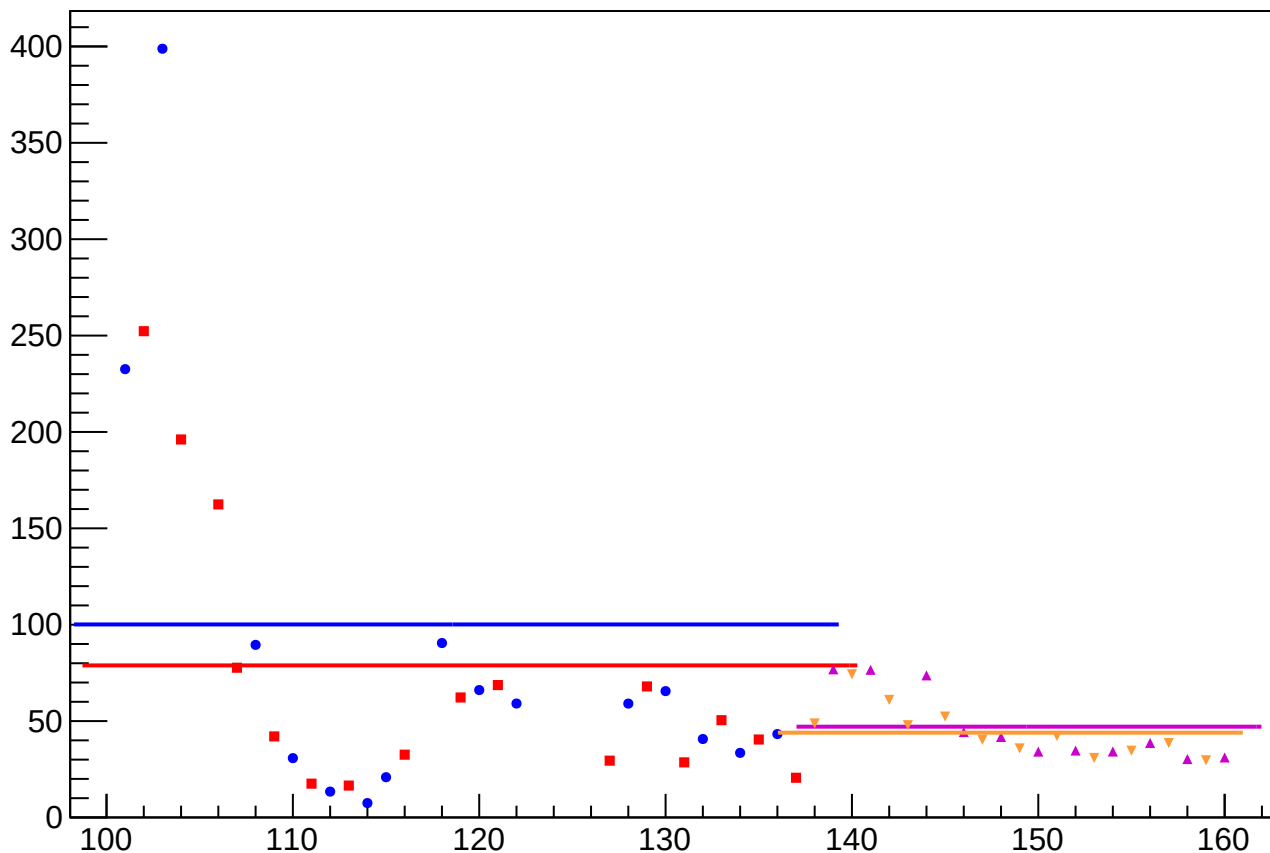
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000	χ^2/NDF : 722433384570495071131450661983670501376.0/14	+ sign -2688.506+/-0.000	χ^2/NDF : 1244586997830
Left Out: -3083.729+/-0.000	χ^2/NDF : 178322677856663824149309206068860026880.0/11	All: -2689.595+/-0.000	χ^2/NDF : 2813784024
Right Out: -1888.448+/-0.000	χ^2/NDF : 791986665551980691032719862611769819136.0/15	- sign -2690.665+/-0.000	χ^2/NDF : 15691933486268
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

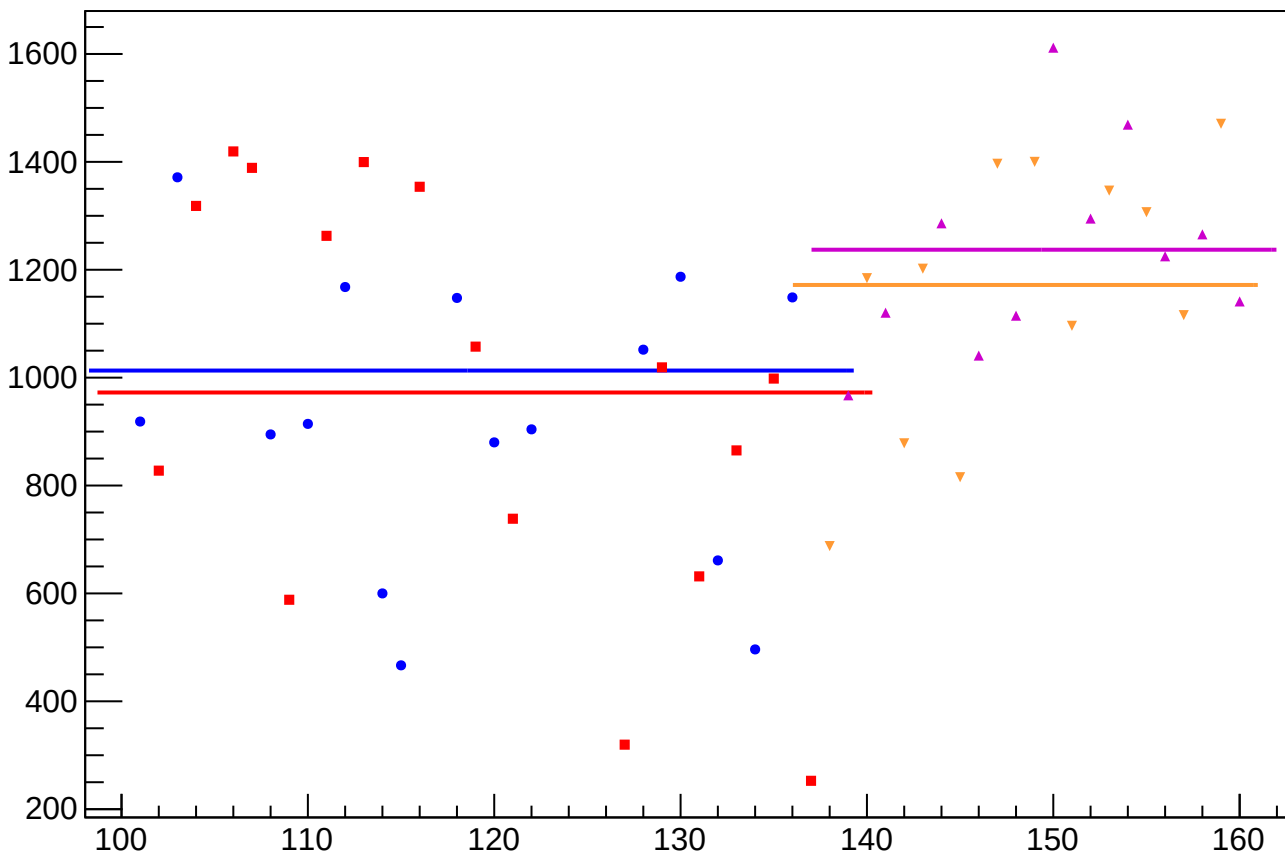
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ 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

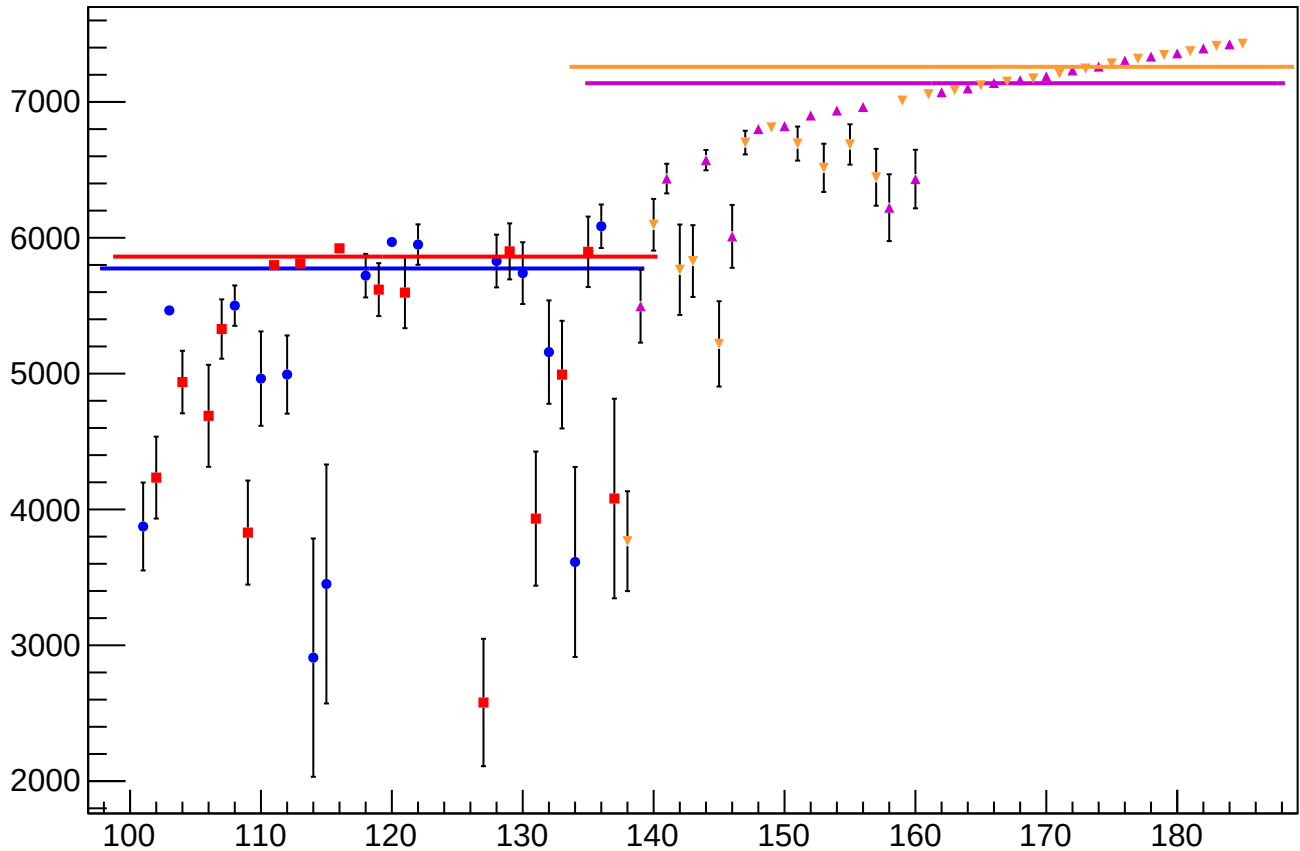
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ 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

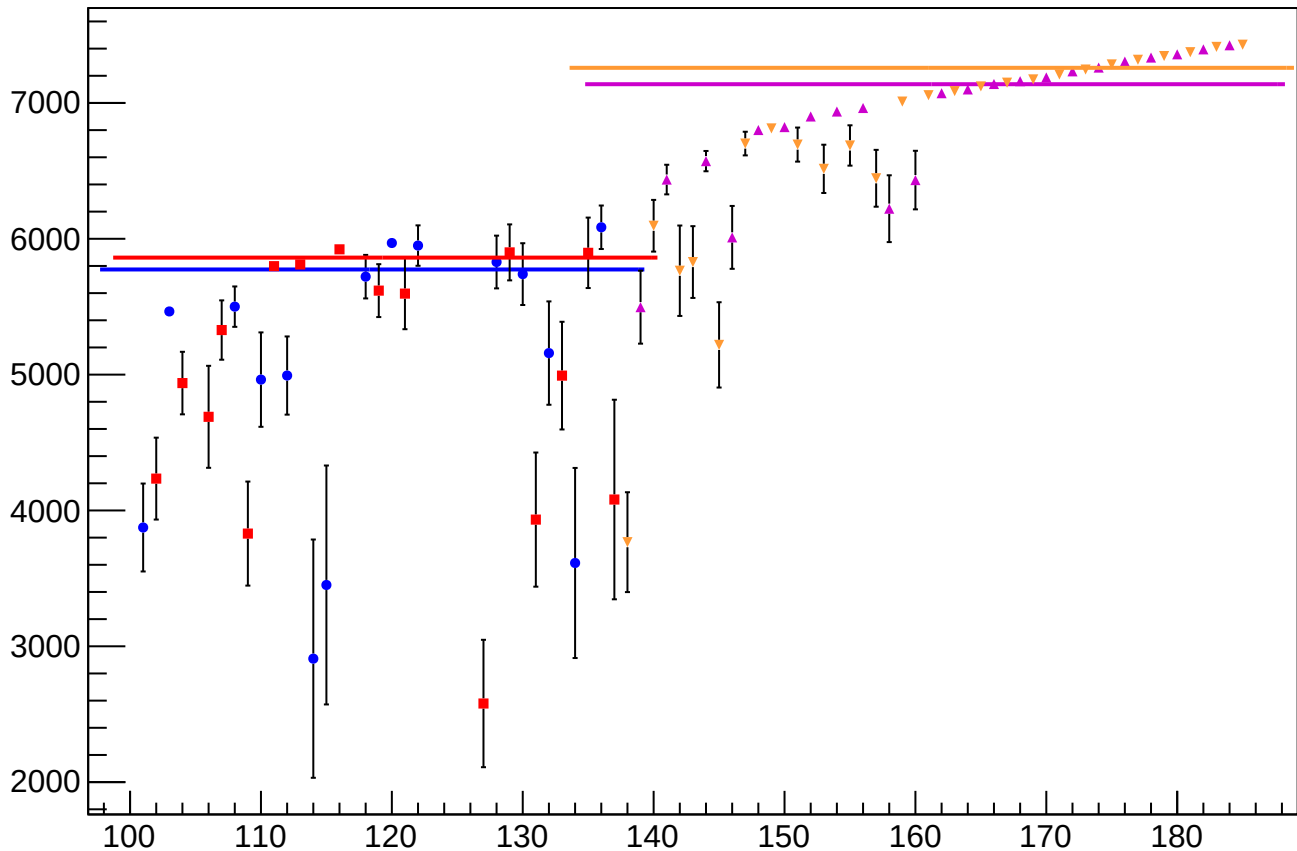
Left In: 7137.987 $\pm$ 0.098 χ^2 /NDF: 4549121.8/22

+ 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+/-0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2 /NDF: 4237941.4/24

Right Out: 5861.461+/-0.140 χ^2 /NDF: 180020.4/15

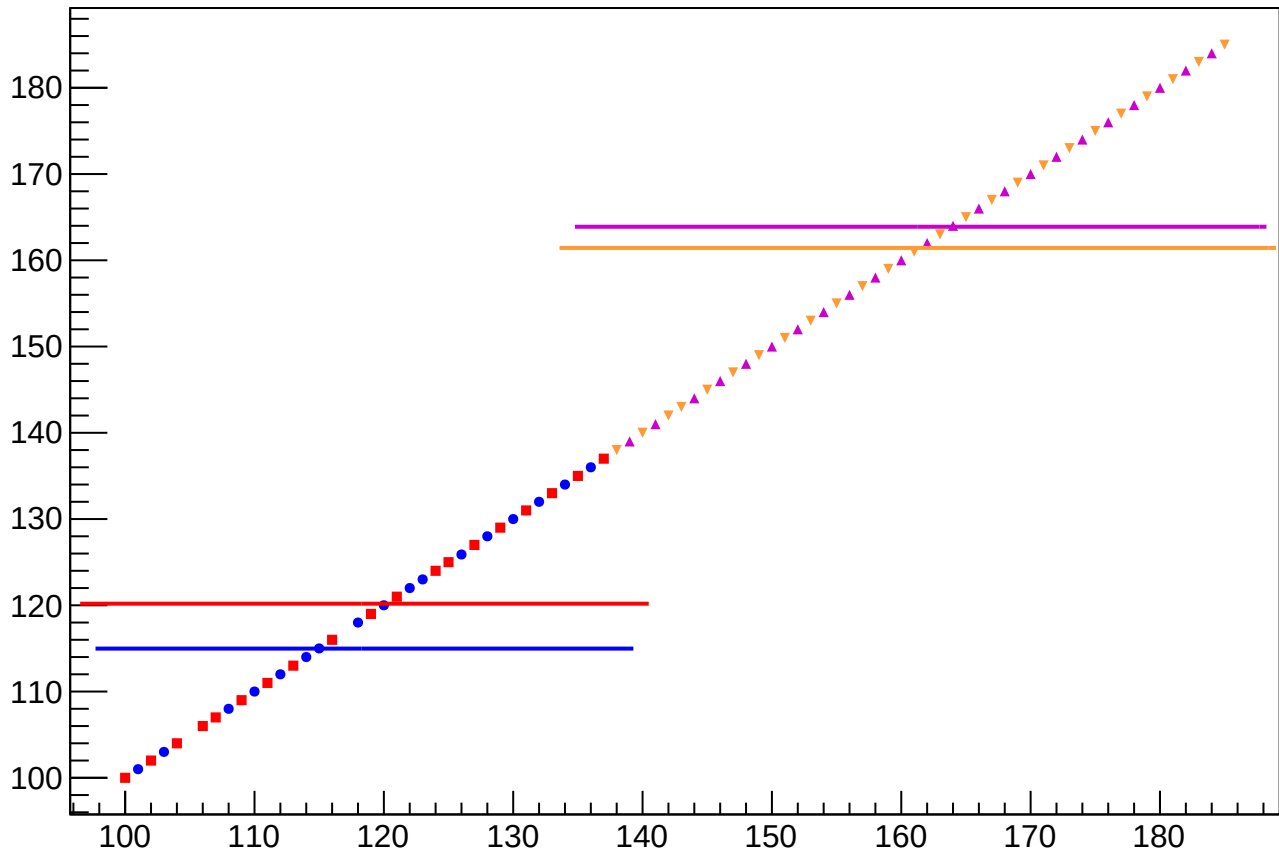
Left In: 7137.987+/-0.098 χ^2 /NDF: 4549121.8/22

+ sign 6955.870+/-0.082 χ^2 /NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2 /NDF: 124412873.1

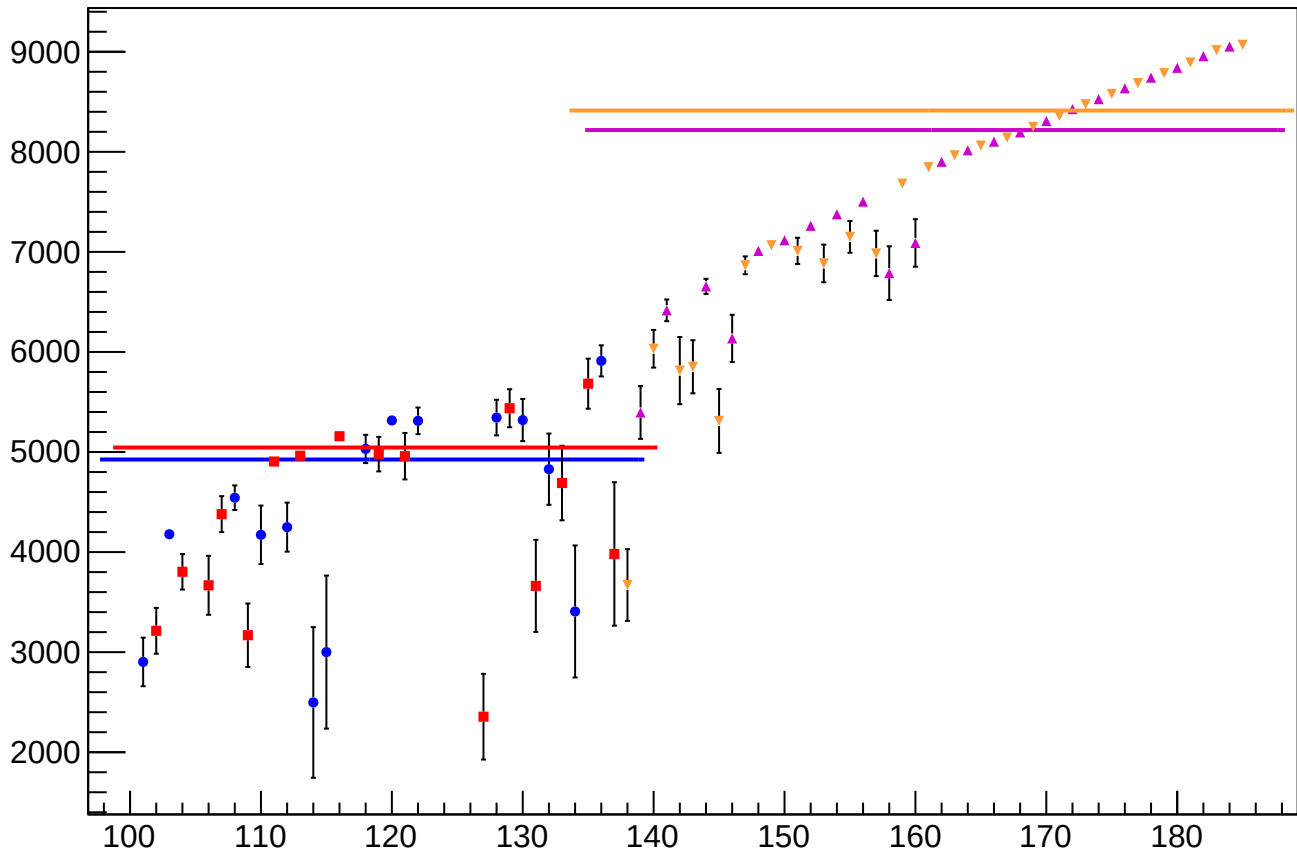
- sign 6715.075+/-0.080 χ^2 /NDF: 60662698.5/38

dit_slug_slope vs Slug



Right In: 114.980 $\pm$ 0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 161.437 $\pm$ 0.000 χ^2/NDF : 144351415086772086919986205949952.0/24
 Right Out: 120.186 $\pm$ 0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 163.890 $\pm$ 0.000 χ^2/NDF : 206308926090069183709360387260416.0/22

dit_cyclenum_mean vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 8412.753 ± 0.396 χ^2/NDF : 2106465.3/24

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

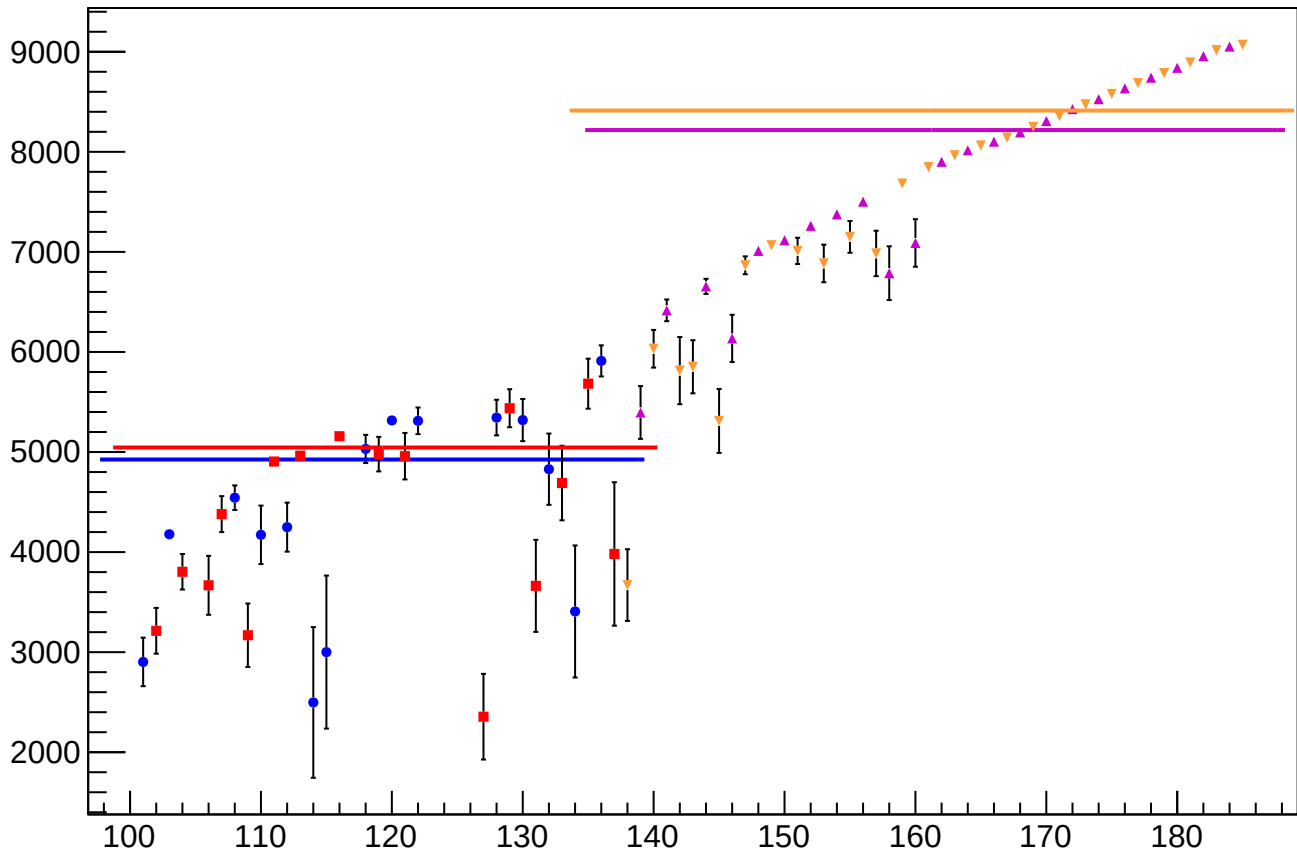
Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ sign 7886.489 ± 0.365 χ^2/NDF : 14157267.1/39

All: 7641.112 ± 0.245 χ^2/NDF : 35014772.5/7

- sign 7439.138 ± 0.331 χ^2/NDF : 20031979.1/38

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 8412.753 ± 0.396 χ^2/NDF : 2106465.3/24

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ sign 7886.489 ± 0.365 χ^2/NDF : 14157267.1/39

All: 7641.112 ± 0.245 χ^2/NDF : 35014772.5/7

- sign 7439.138 ± 0.331 χ^2/NDF : 20031979.1/38

dit_scandata1_mean vs Slug



Right In: 0.000+/-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

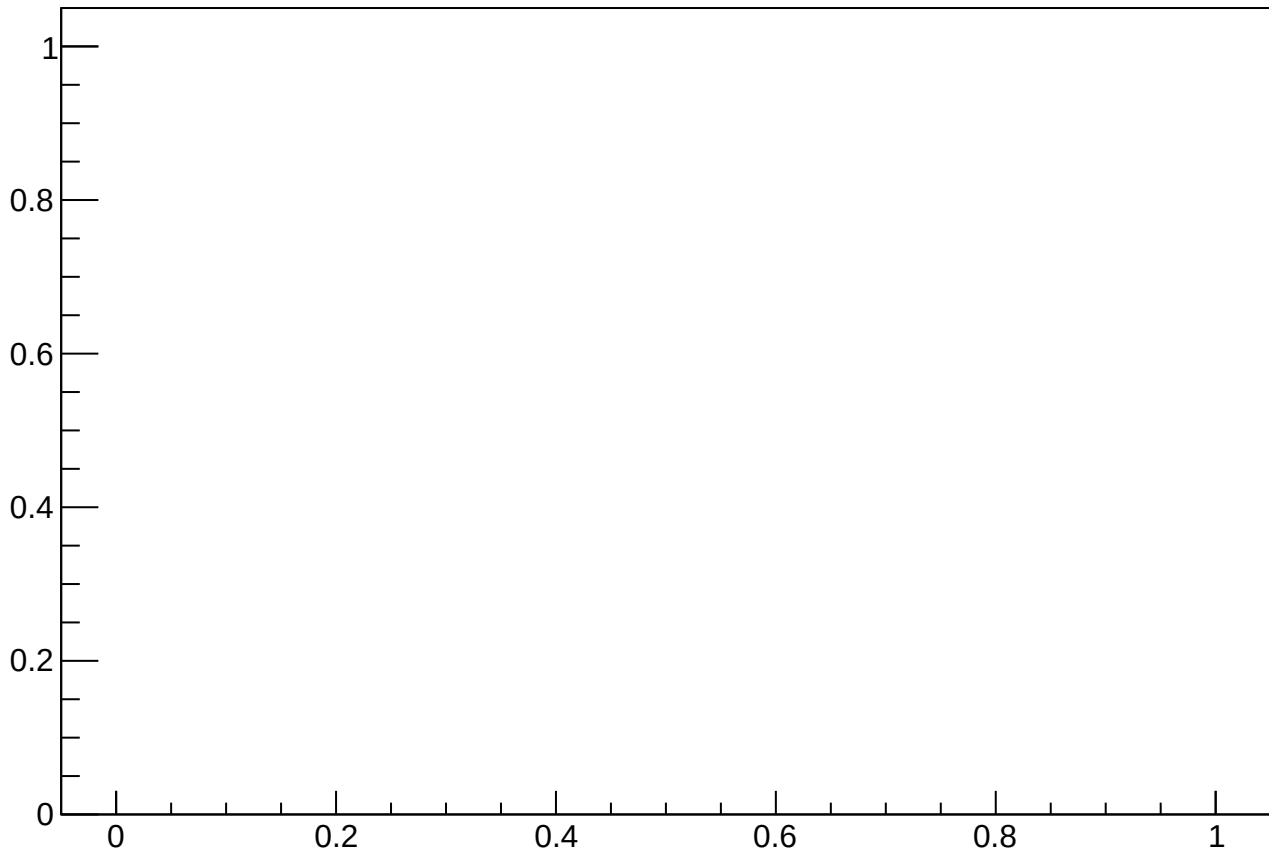
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

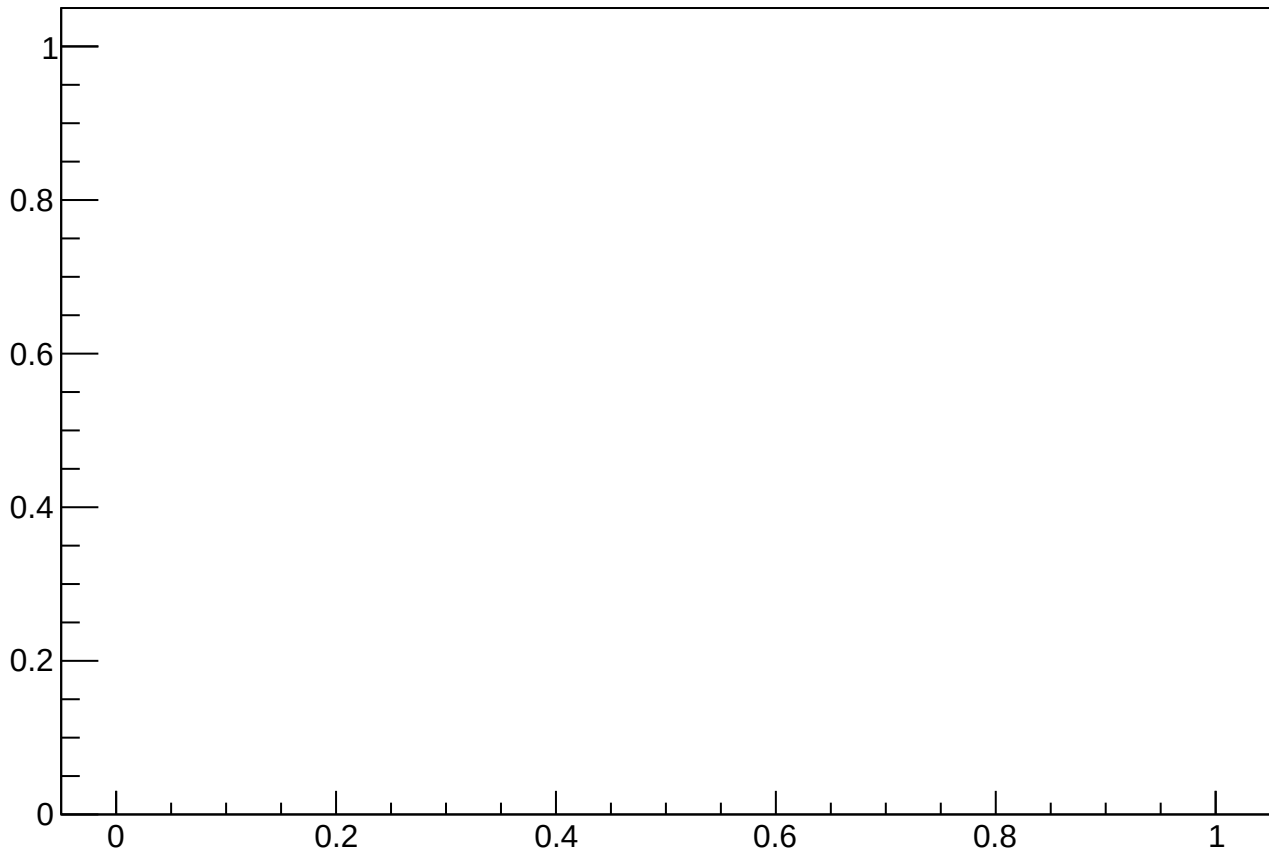
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_scandata2_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

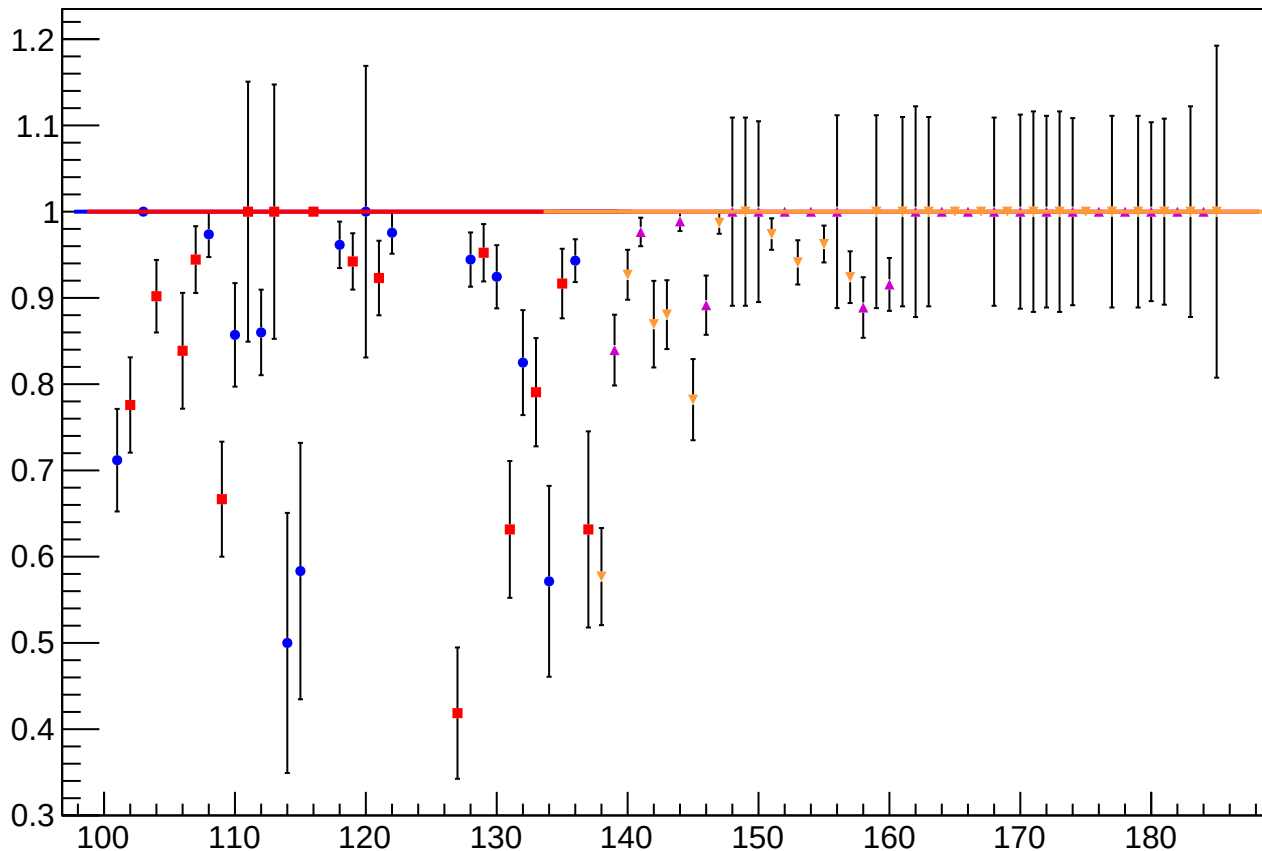
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

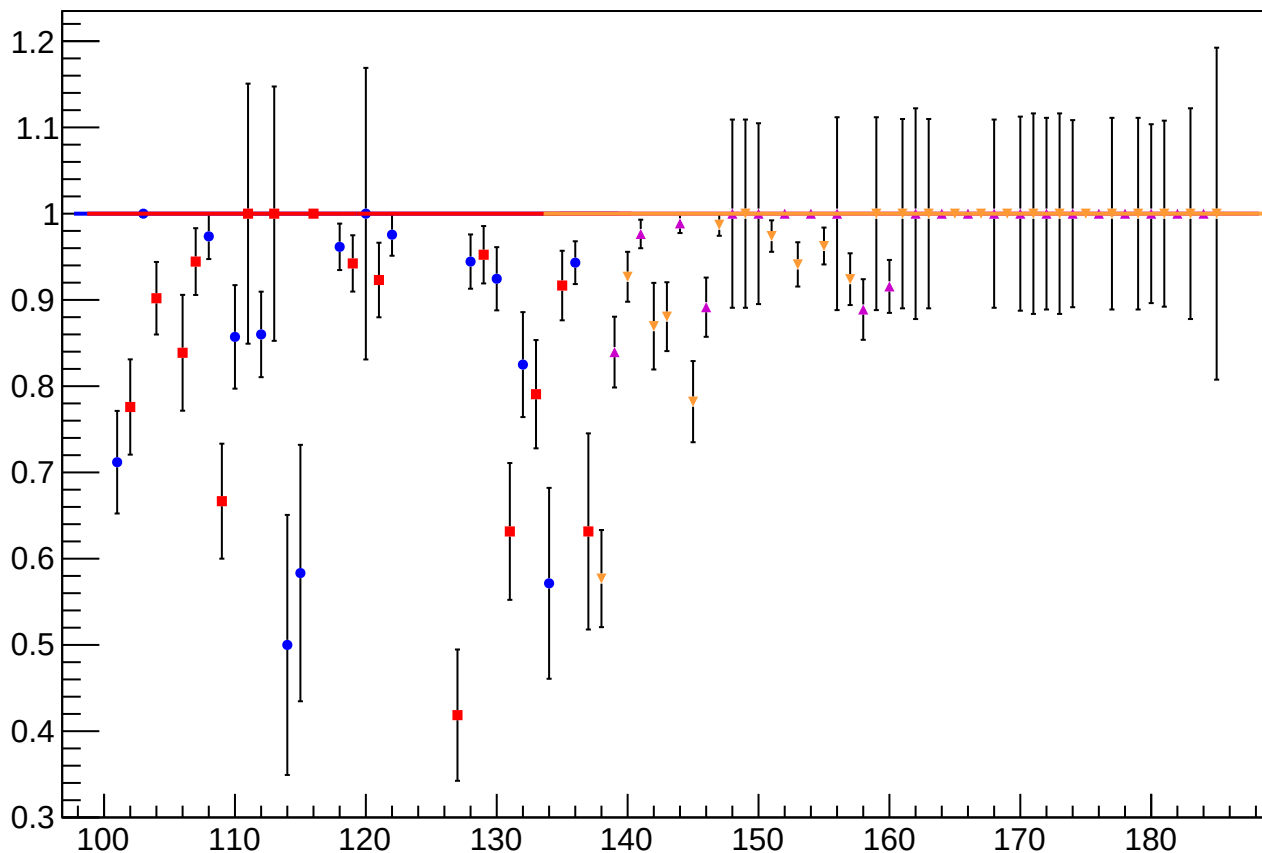
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/39

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1354.4/78

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 610.7/38

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

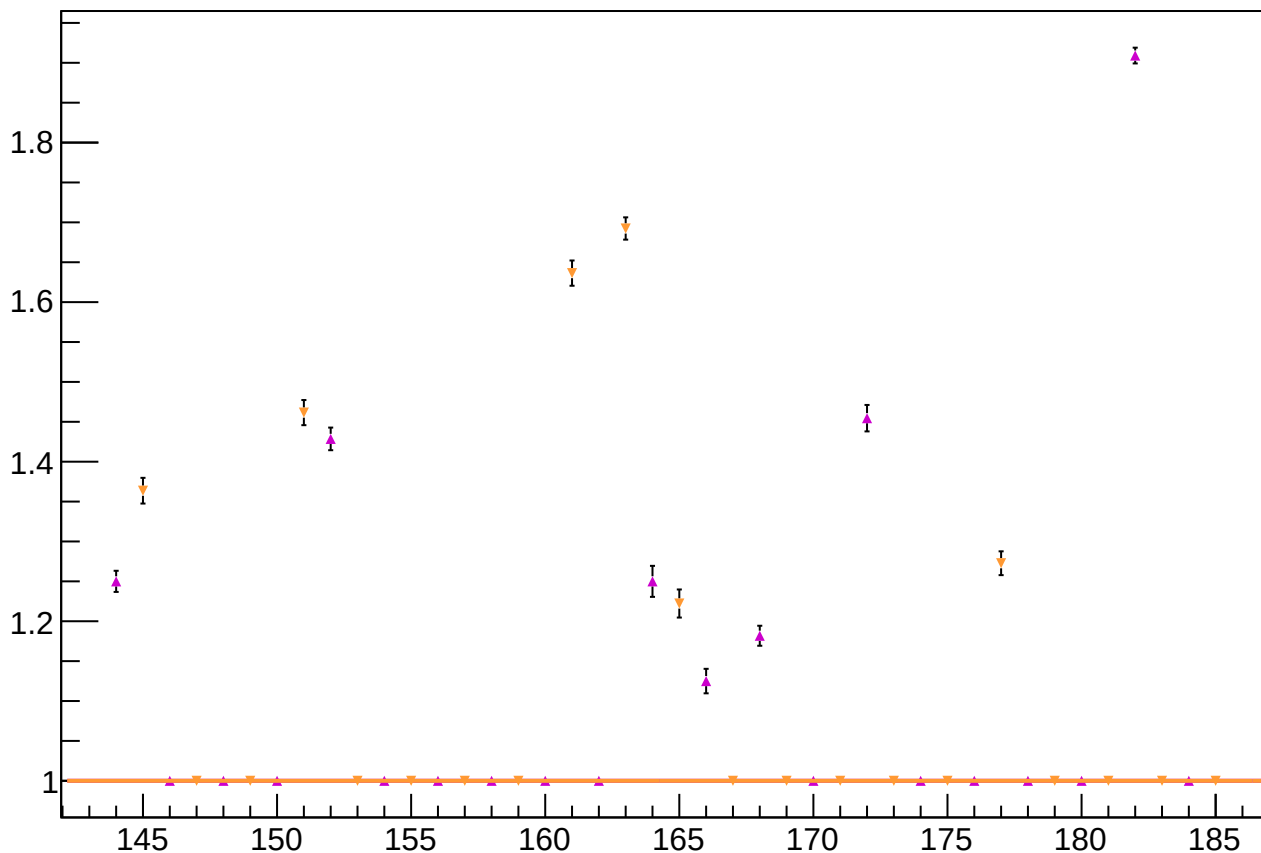
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/39

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1354.4/78

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 610.7/38

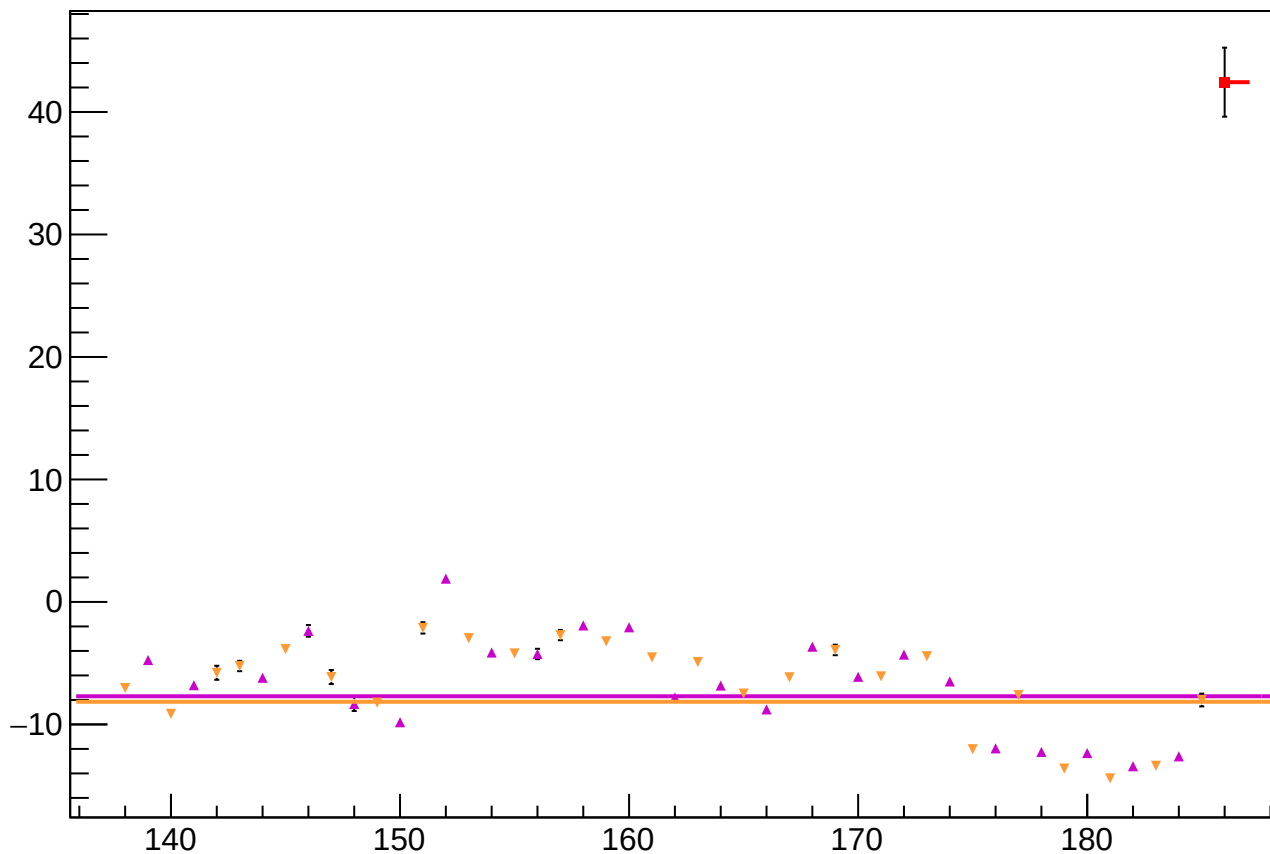
dit_segment_slope vs Slug



Right In: 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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -8.149 $\pm$ 0.068 χ^2 /NDF: 3613.1/24

Right Out: 42.434 $\pm$ 2.817 χ^2 /NDF: 0.0/0

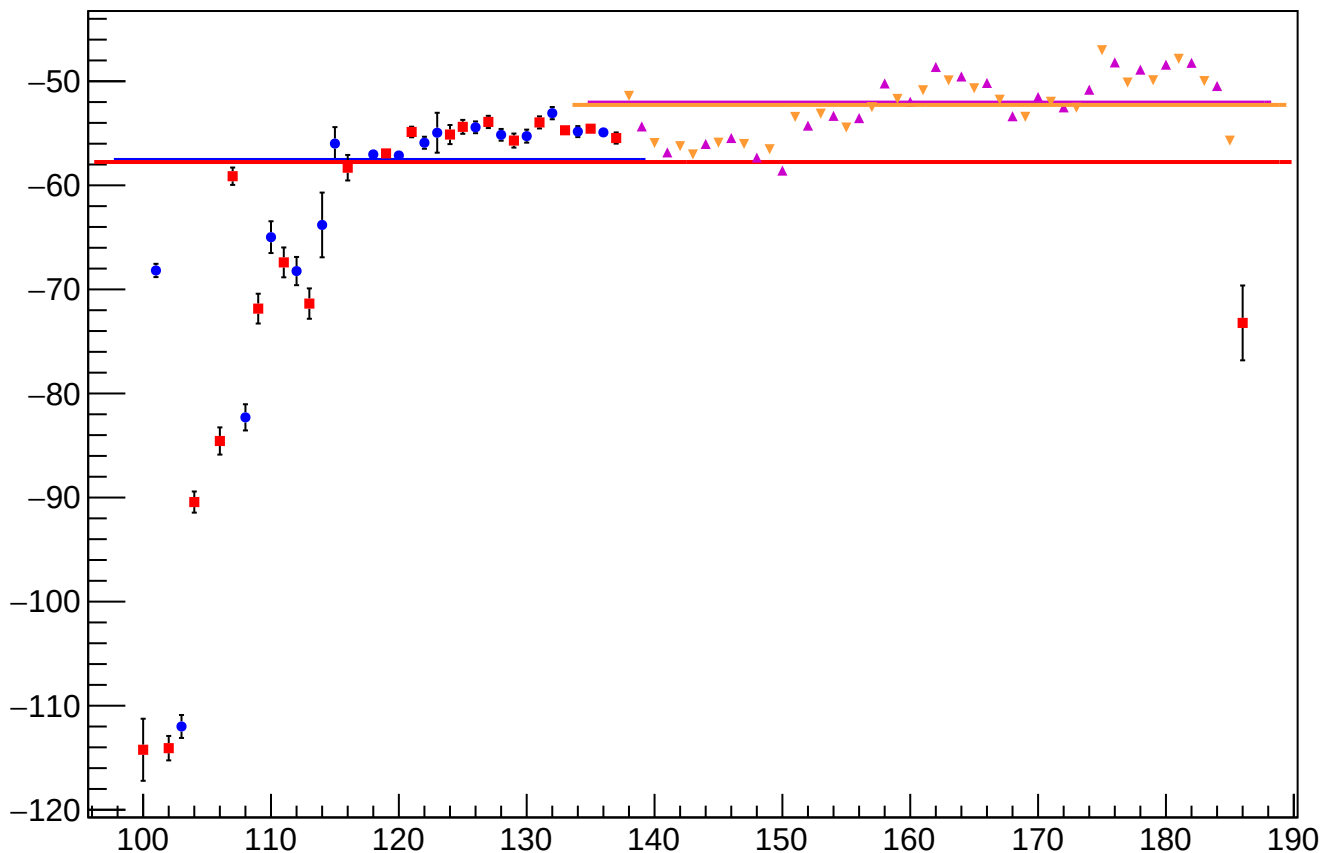
Left In: -7.701 $\pm$ 0.068 χ^2 /NDF: 3737.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.914 $\pm$ 0.048 χ^2 /NDF: 7691.4/48

- sign -7.672 $\pm$ 0.068 χ^2 /NDF: 4053.7/23

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -52.271 ± 0.055 χ^2/NDF : 2609.6/24

Right Out: -57.760 ± 0.143 χ^2/NDF : 4717.0/19

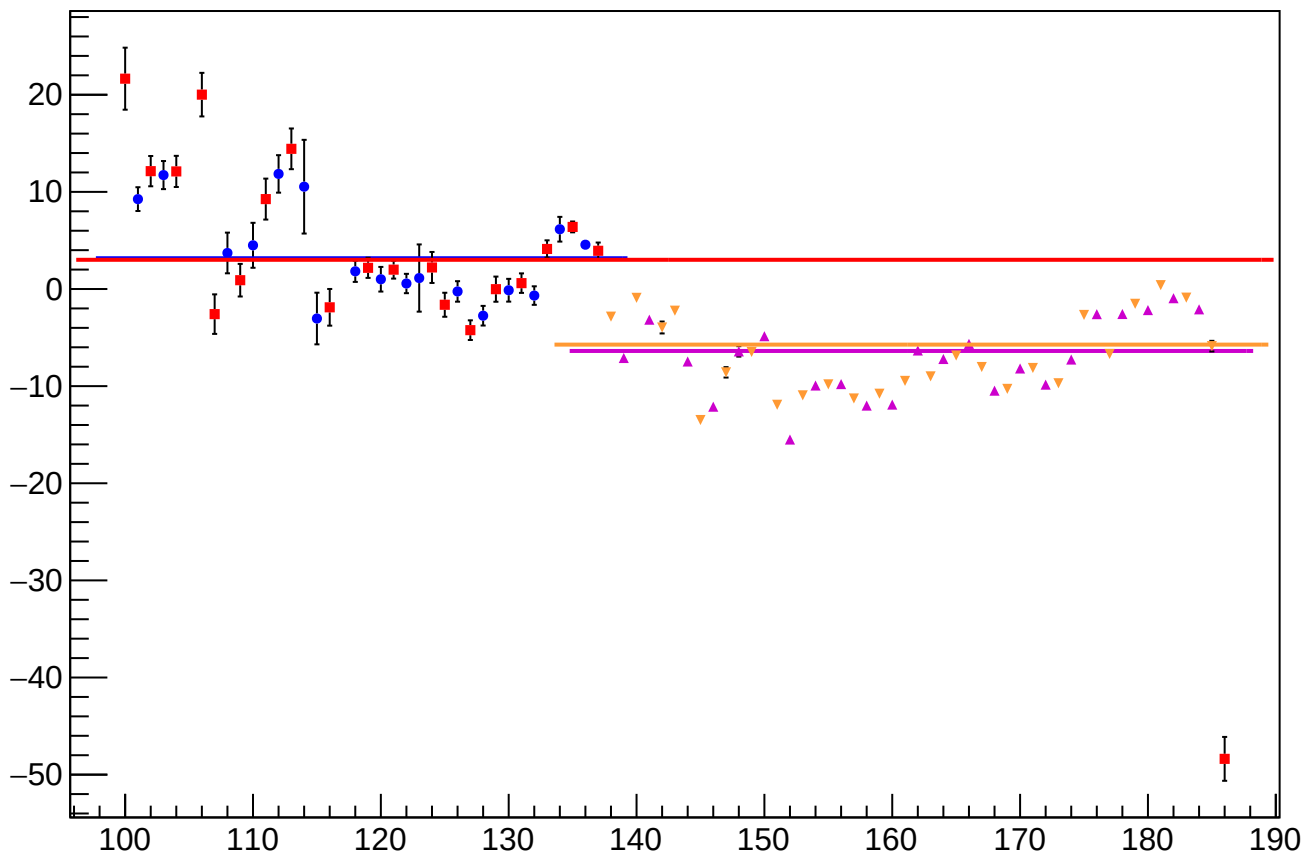
Left In: -52.050 ± 0.057 χ^2/NDF : 3197.5/22

+ sign -52.971 ± 0.051 χ^2/NDF : 7280.1/41

All: -52.904 ± 0.037 χ^2/NDF : 16575.7/84

- sign -52.834 ± 0.053 χ^2/NDF : 9292.2/42

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -5.725 ± 0.068 χ^2/NDF : 3989.1/24

Right Out: 3.008 ± 0.265 χ^2/NDF : 848.0/19

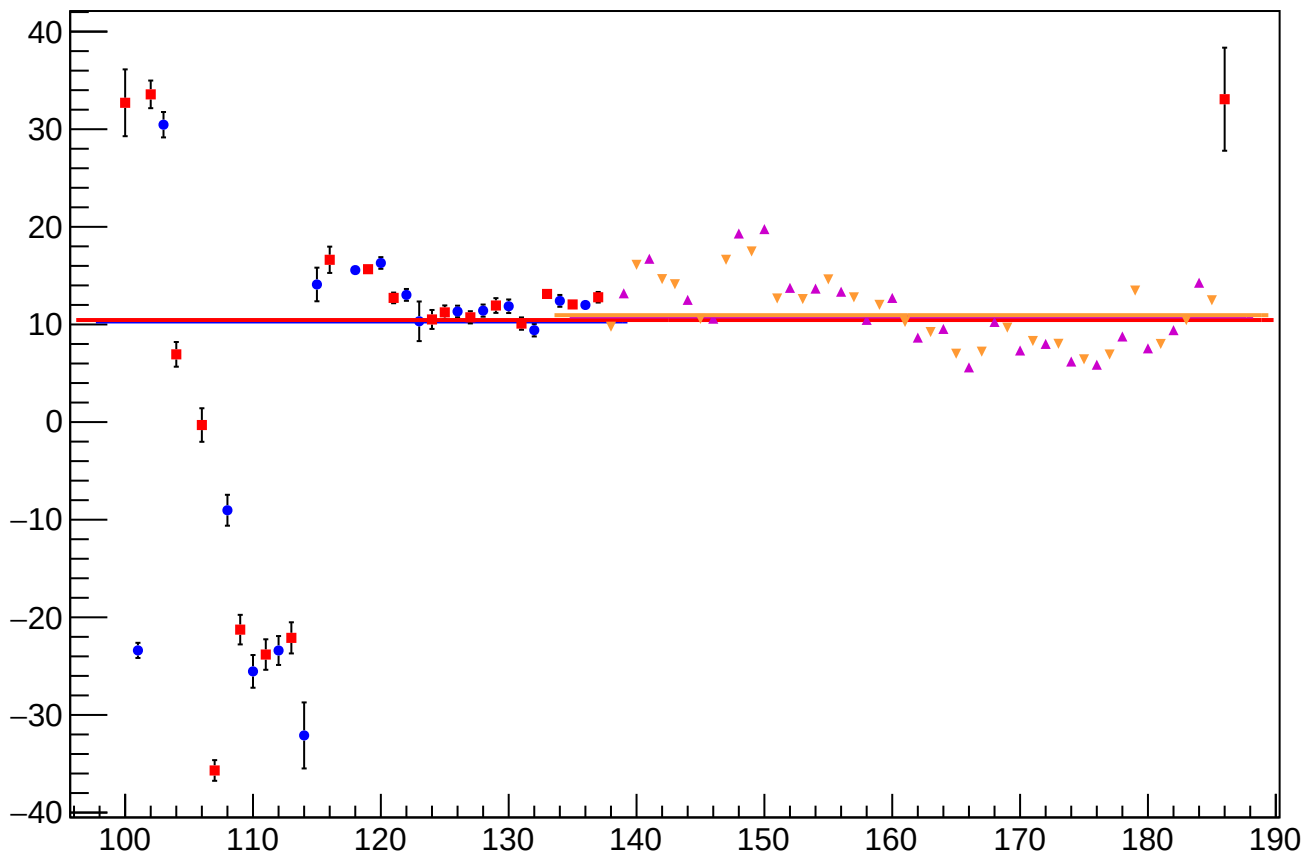
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -5.151 ± 0.065 χ^2/NDF : 5288.9/41

All: -5.470 ± 0.047 χ^2/NDF : 10755.2/84

- sign -5.795 ± 0.066 χ^2/NDF : 5418.2/42

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 $\pm$ 0.157 χ^2 /NDF: 3712.3/16

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

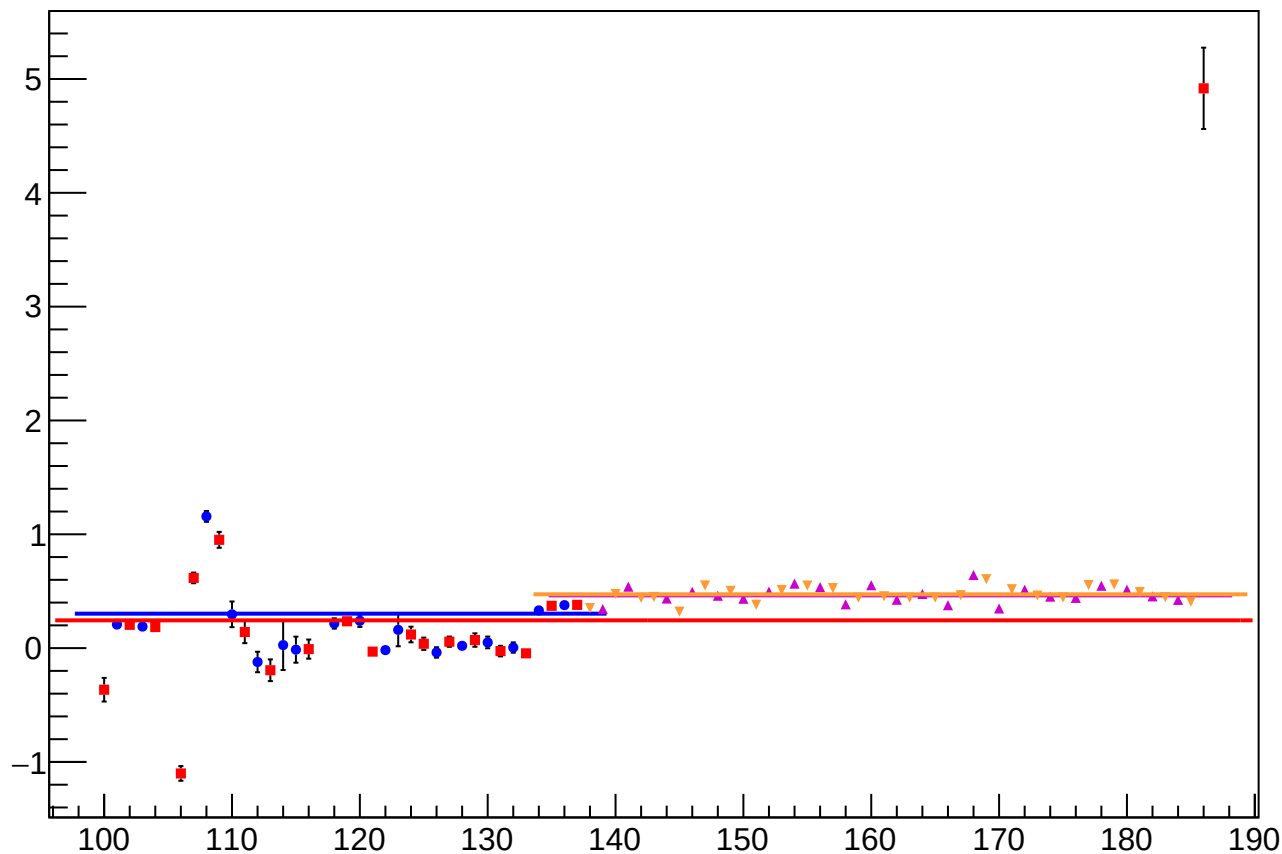
Left In: 10.818 $\pm$ 0.063 χ^2 /NDF: 3577.7/22

+ sign 10.864 $\pm$ 0.057 χ^2 /NDF: 6347.3/41

All: 10.818 $\pm$ 0.041 χ^2 /NDF: 13777.7/84

- sign 10.769 $\pm$ 0.059 χ^2 /NDF: 7429.0/42

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.473 ± 0.003 χ^2/NDF : 515.0/24

Right Out: 0.244 ± 0.008 χ^2/NDF : 1158.0/19

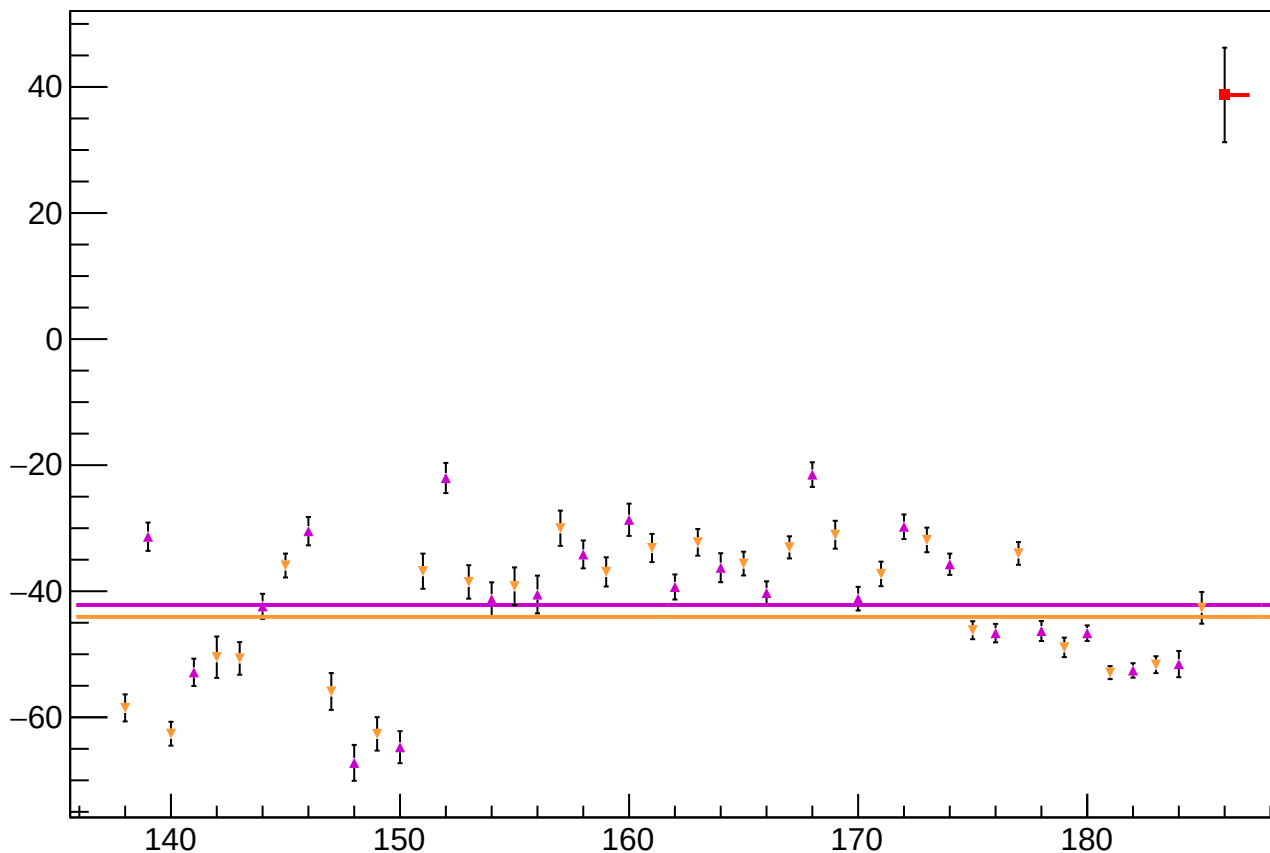
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.455 ± 0.003 χ^2/NDF : 1548.3/41

All: 0.449 ± 0.002 χ^2/NDF : 4072.5/84

- sign 0.442 ± 0.003 χ^2/NDF : 2511.8/42

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -44.074 $\pm$ 0.389 χ^2 /NDF: 632.8/24

Right Out: 38.733 $\pm$ 7.499 χ^2 /NDF: 0.0/0

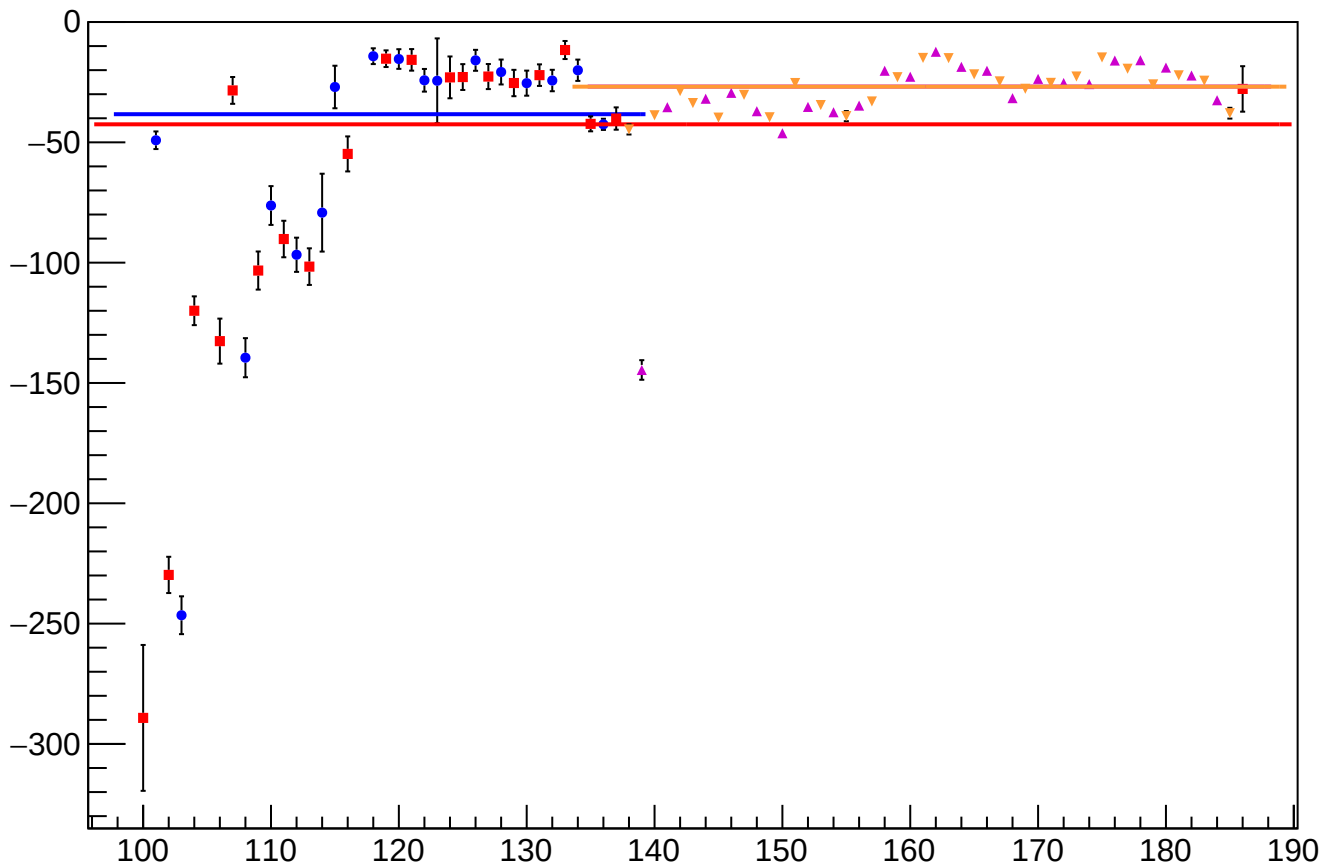
Left In: -42.185 $\pm$ 0.398 χ^2 /NDF: 651.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.037 $\pm$ 0.278 χ^2 /NDF: 1414.5/48

- sign -41.959 $\pm$ 0.397 χ^2 /NDF: 767.1/23

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -26.867 ± 0.317 $\chi^2/\text{NDF}: 629.1/24$

Right Out: -42.514 ± 1.201 $\chi^2/\text{NDF}: 1344.0/19$

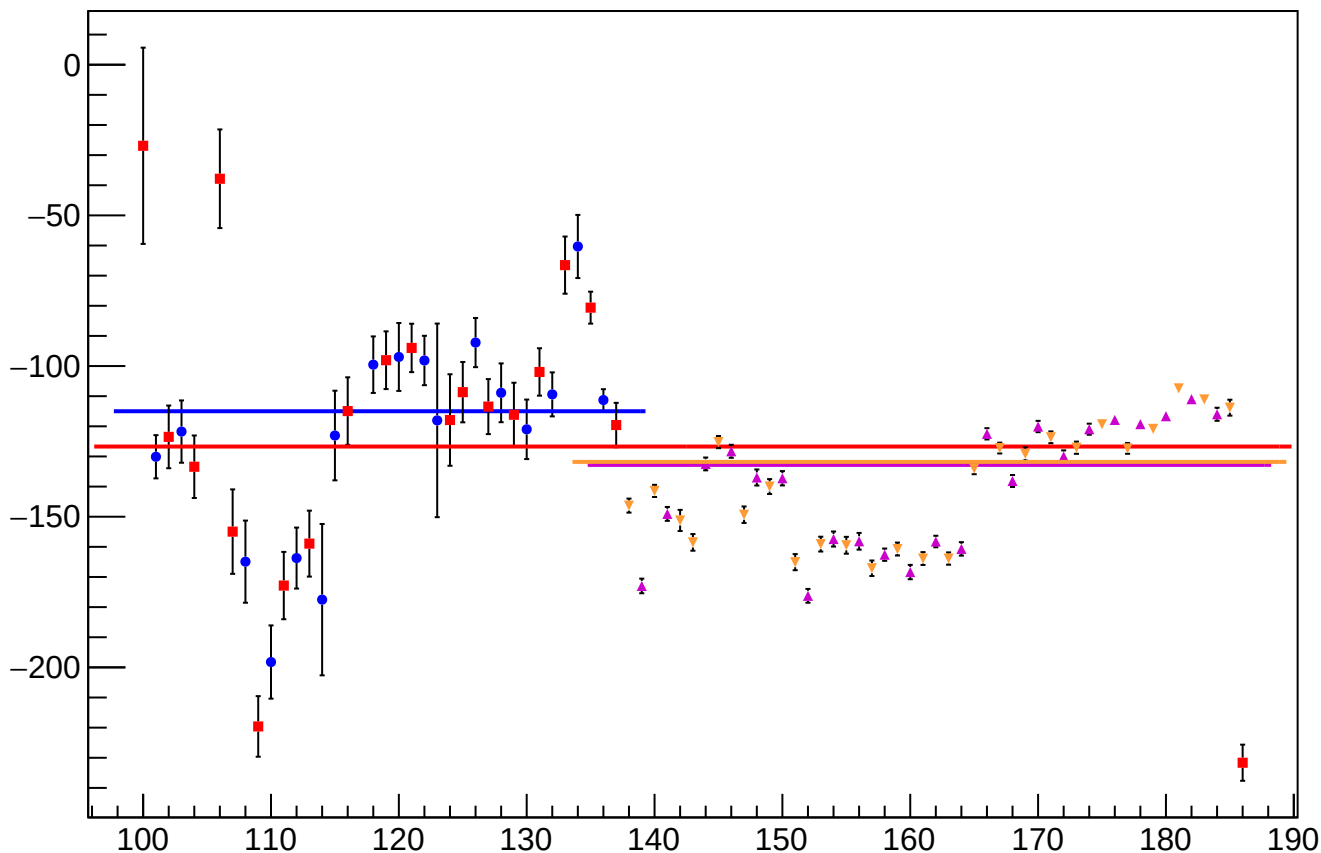
Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

+ sign -27.692 ± 0.305 $\chi^2/\text{NDF}: 1855.8/41$

All: -27.793 ± 0.219 $\chi^2/\text{NDF}: 4840.6/84$

- sign -27.899 ± 0.314 $\chi^2/\text{NDF}: 2984.7/42$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 χ^2/NDF : 141.8/16

Left Out: -131.805 ± 0.392 χ^2/NDF : 2417.0/24

Right Out: -126.714 ± 2.071 χ^2/NDF : 620.6/19

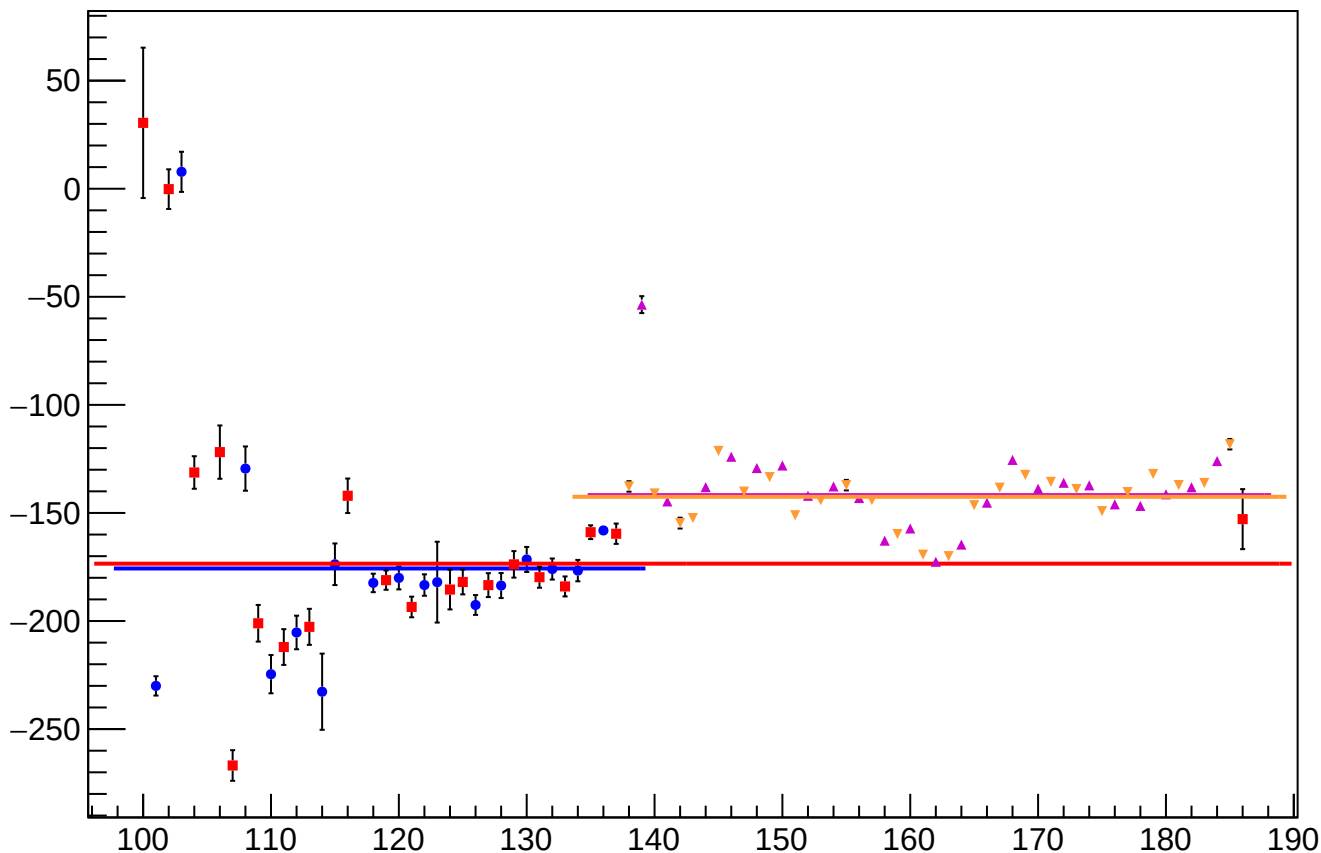
Left In: -132.799 ± 0.398 χ^2/NDF : 2515.9/22

+ sign -131.224 ± 0.385 χ^2/NDF : 2622.3/41

All: -131.893 ± 0.274 χ^2/NDF : 5773.3/84

- sign -132.582 ± 0.391 χ^2/NDF : 3144.8/42

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -142.517 ± 0.355 χ^2/NDF : 1144.2/24

Right Out: -173.470 ± 1.349 χ^2/NDF : 739.9/19

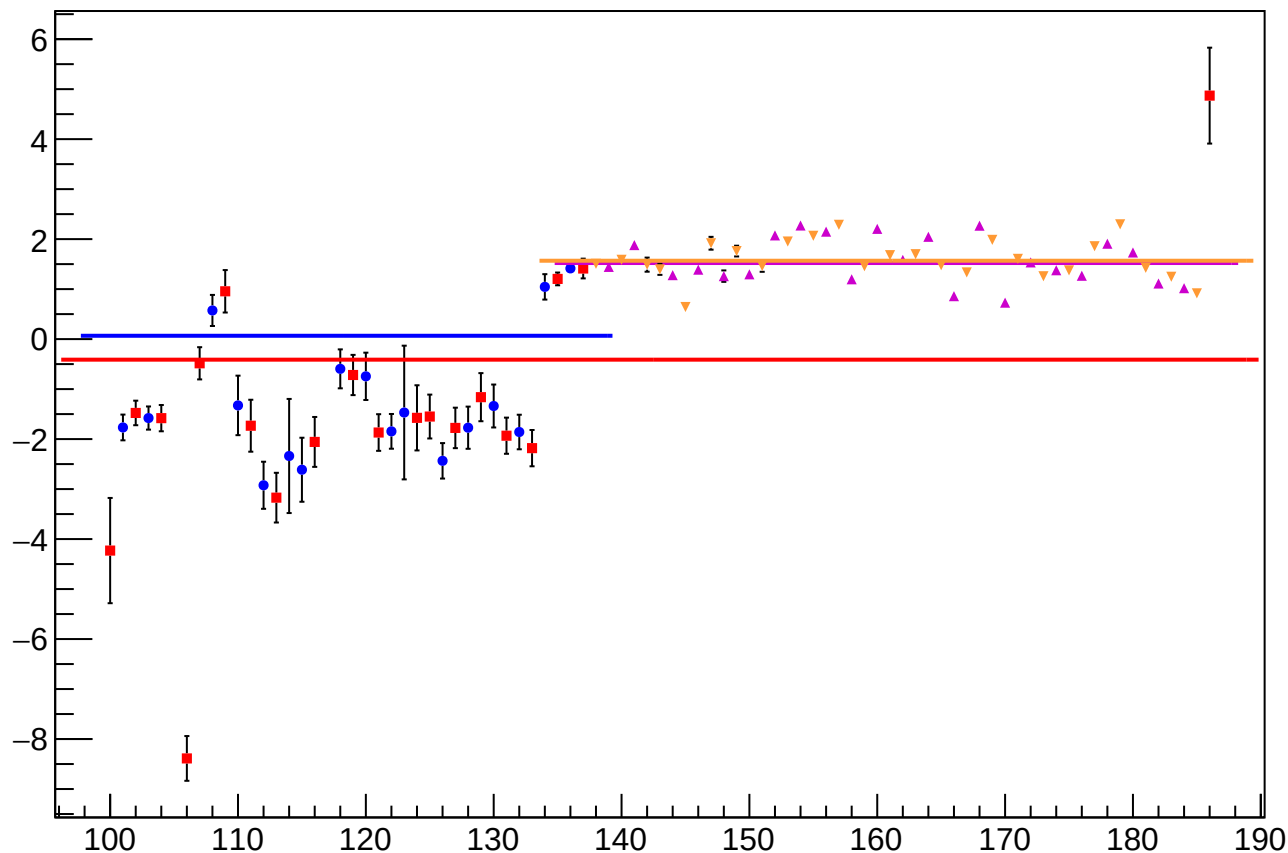
Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

+ sign -144.927 ± 0.342 χ^2/NDF : 2472.5/41

All: -144.428 ± 0.245 χ^2/NDF : 5335.8/84

- sign -143.904 ± 0.350 χ^2/NDF : 2859.0/42

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.568 ± 0.016 χ^2/NDF : 541.0/24

Right Out: -0.411 ± 0.071 χ^2/NDF : 785.4/19

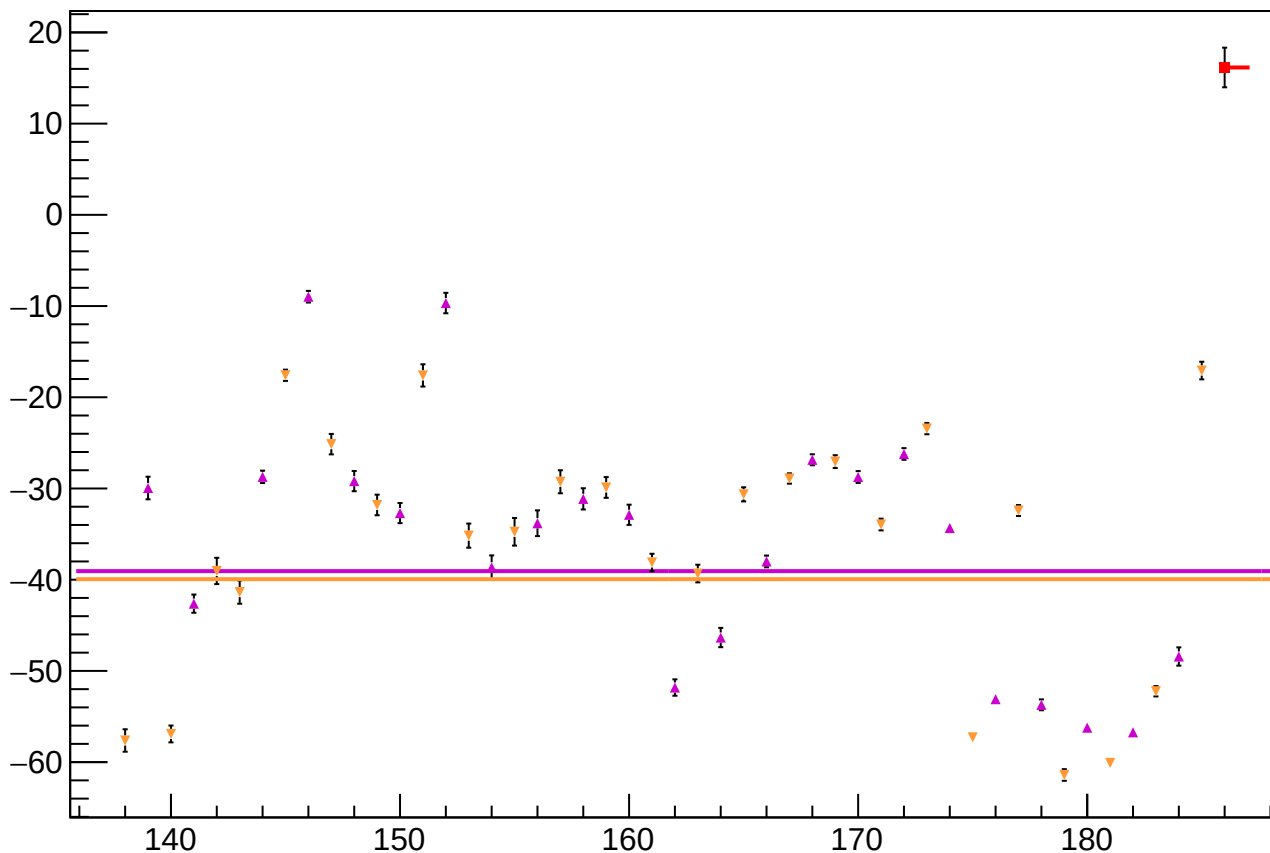
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ sign 1.485 ± 0.016 χ^2/NDF : 1541.7/41

All: 1.455 ± 0.011 χ^2/NDF : 3779.0/84

- sign 1.423 ± 0.016 χ^2/NDF : 2229.8/42

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

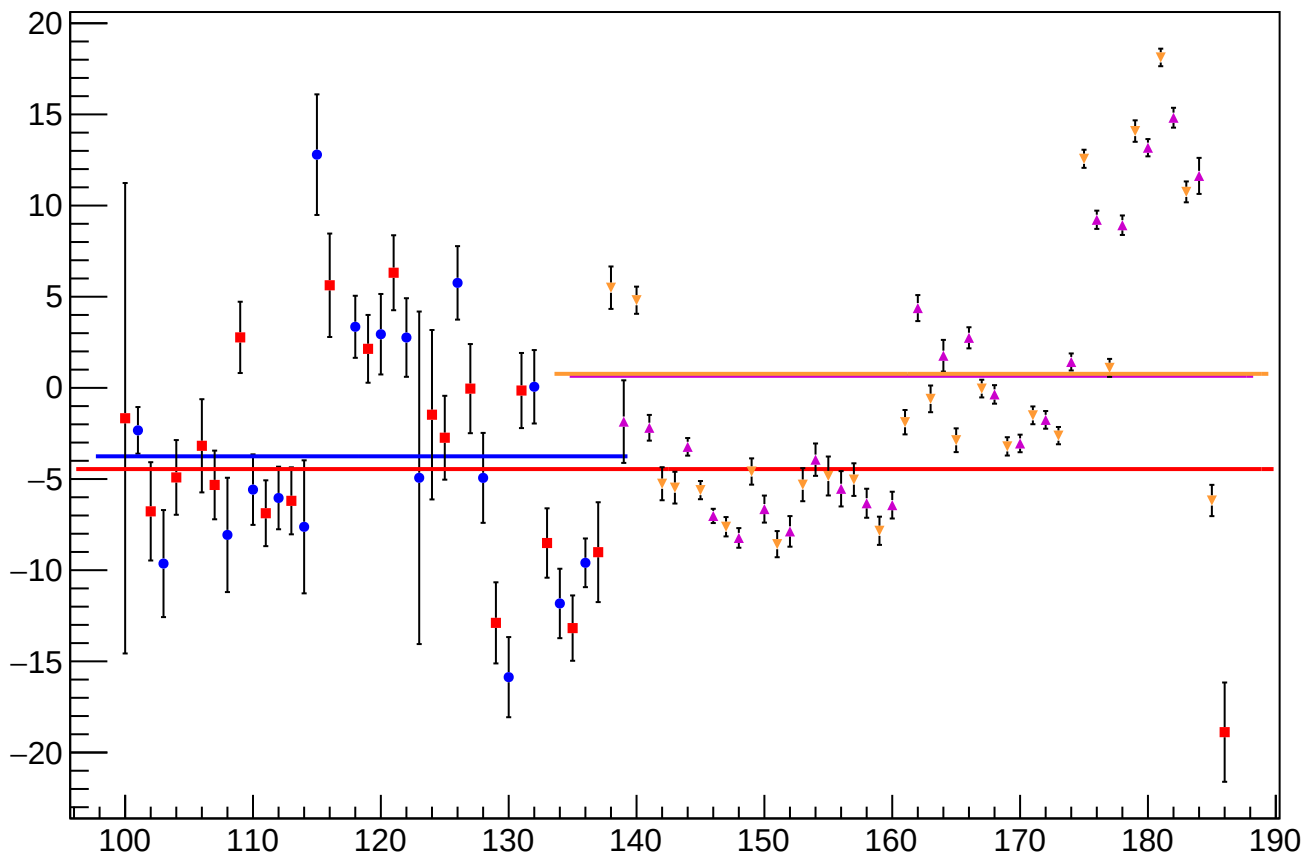
Left In: -39.060 $\pm$ 0.154 χ^2 /NDF:8577.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.364 $\pm$ 0.109 χ^2 /NDF: 19054.5/48

- sign -38.784 $\pm$ 0.154 χ^2 /NDF: 9219.8/23

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: 0.770 ± 0.124 $\chi^2/\text{NDF}: 3952.9/24$

Right Out: -4.454 ± 0.498 $\chi^2/\text{NDF}: 152.4/19$

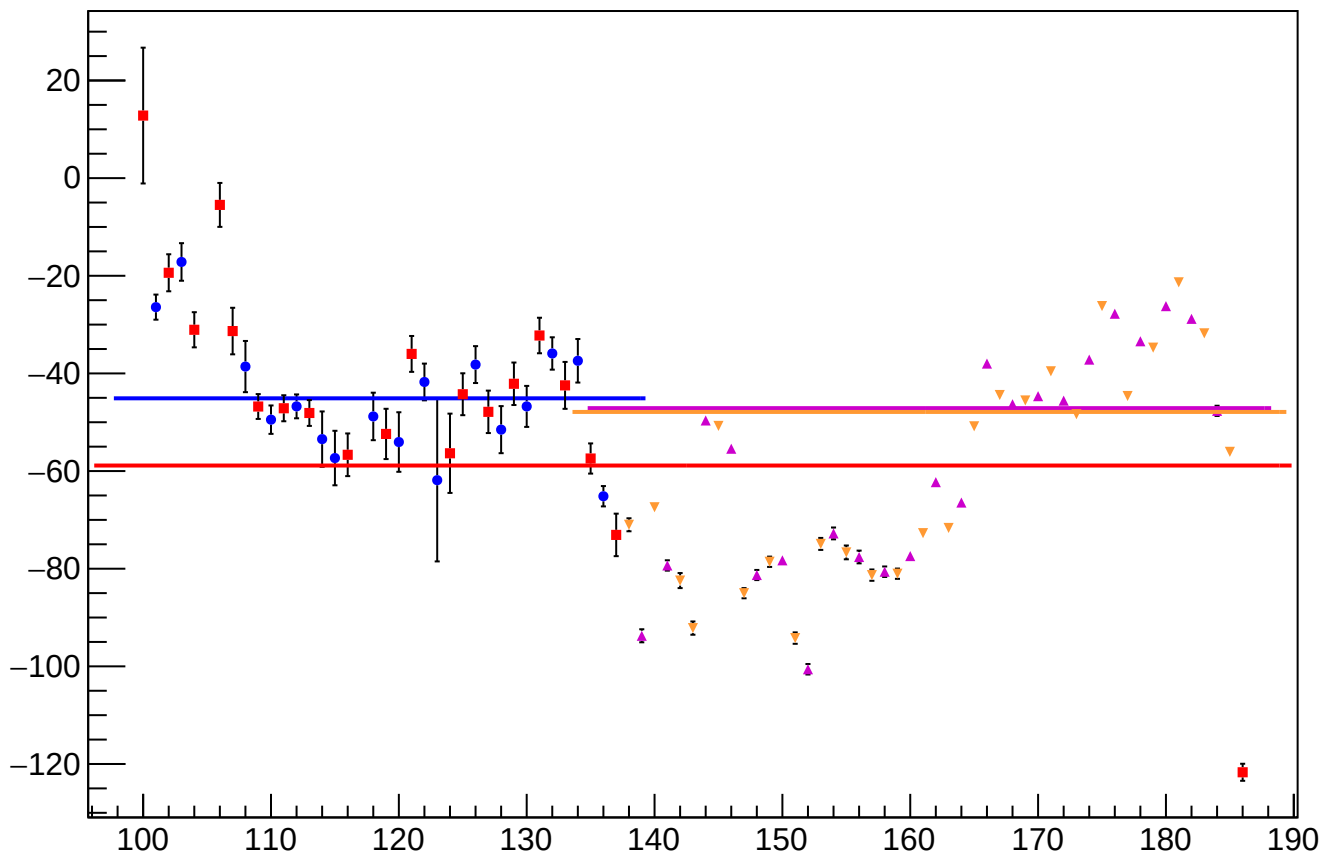
Left In: 0.662 ± 0.124 $\chi^2/\text{NDF}: 3340.9/22$

+ sign 0.502 ± 0.121 $\chi^2/\text{NDF}: 4196.8/41$

All: 0.433 ± 0.085 $\chi^2/\text{NDF}: 7790.0/84$

- sign 0.364 ± 0.120 $\chi^2/\text{NDF}: 3592.5/42$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -47.888 ± 0.155 χ^2/NDF : 16707.2/24

Right Out: -58.866 ± 0.784 χ^2/NDF : 1873.6/19

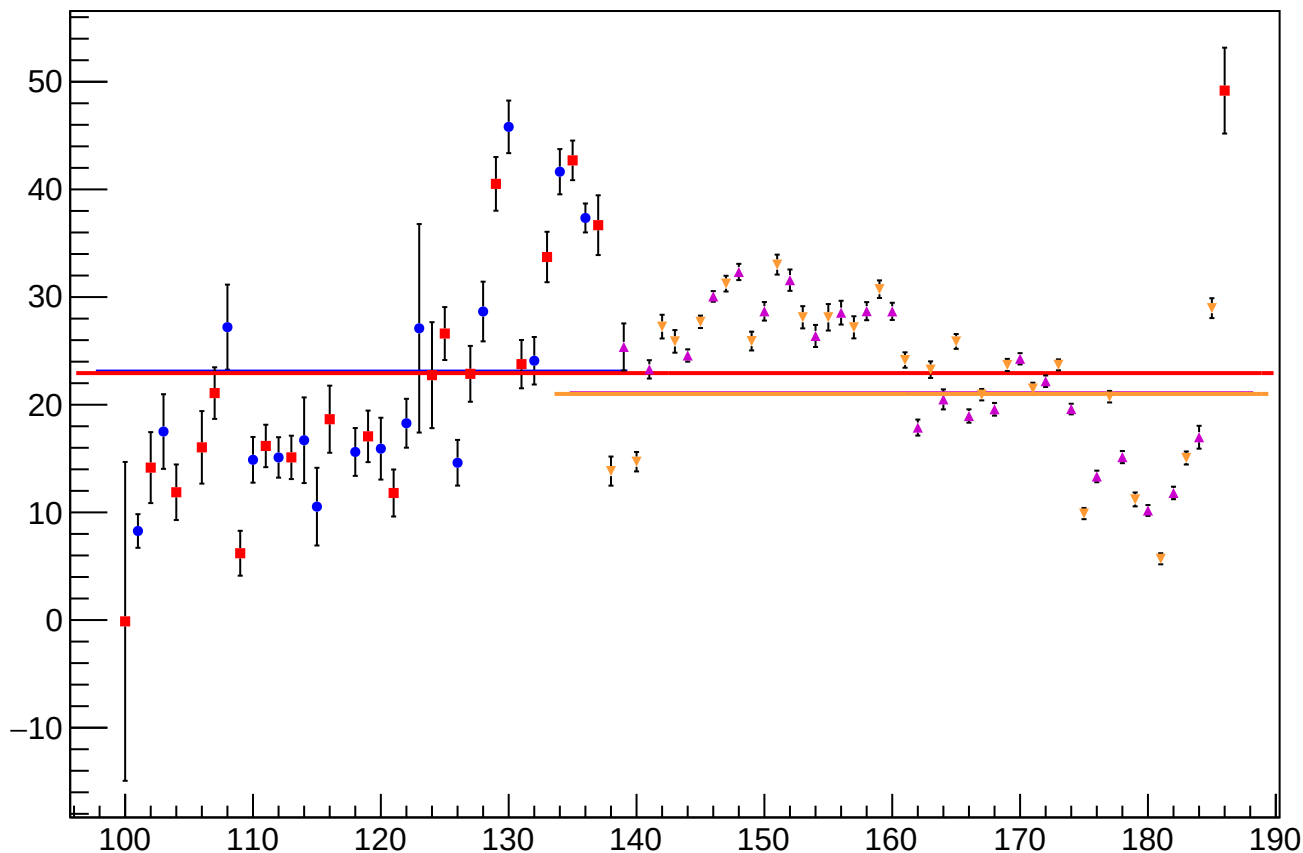
Left In: -47.112 ± 0.155 χ^2/NDF : 15654.8/22

+ sign -47.805 ± 0.152 χ^2/NDF : 16946.8/41

All: -47.679 ± 0.108 χ^2/NDF : 34693.0/84

- sign -47.553 ± 0.152 χ^2/NDF : 17744.8/42

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

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

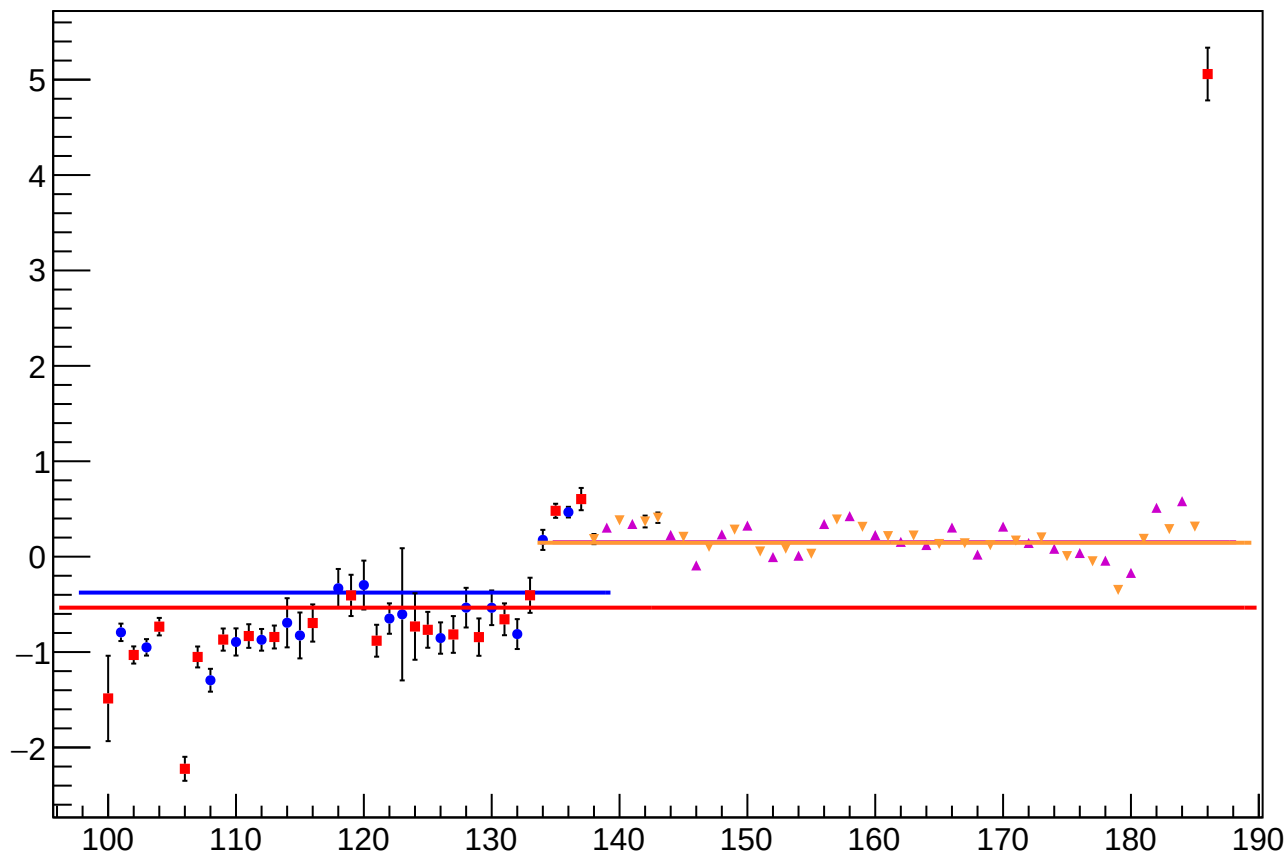
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF: 2176.7/22

+ sign 21.127 $\pm$ 0.135 χ^2 /NDF: 3263.8/41

All: 21.151 $\pm$ 0.095 χ^2 /NDF: 5865.3/84

- sign 21.175 $\pm$ 0.135 χ^2 /NDF: 2601.5/42

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.146 ± 0.006 χ^2/NDF : 609.8/24

Right Out: -0.535 ± 0.030 χ^2/NDF : 970.0/19

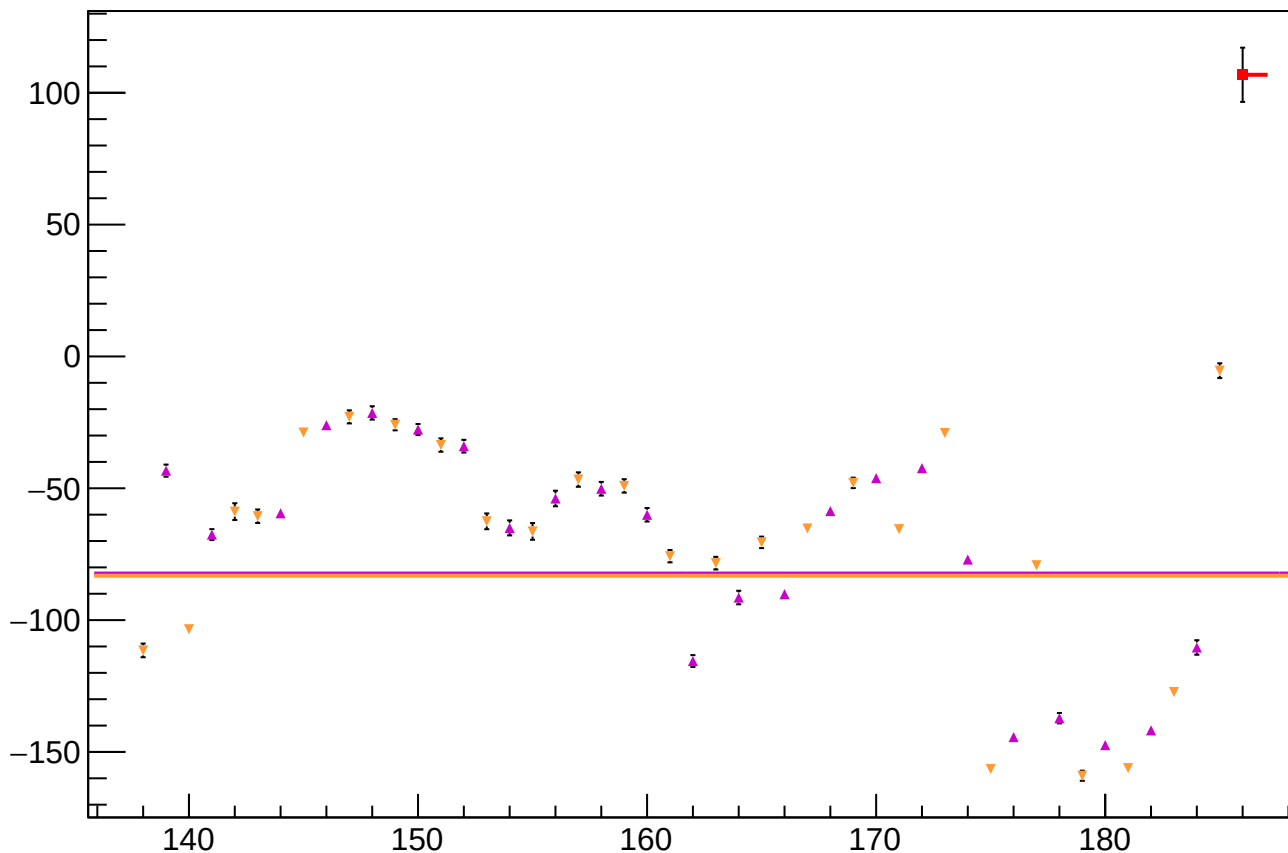
Left In: 0.151 ± 0.006 χ^2/NDF : 873.9/22

+ sign 0.124 ± 0.006 χ^2/NDF : 1336.1/41

All: 0.123 ± 0.004 χ^2/NDF : 3680.4/84

- sign 0.122 ± 0.006 χ^2/NDF : 2344.3/42

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 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

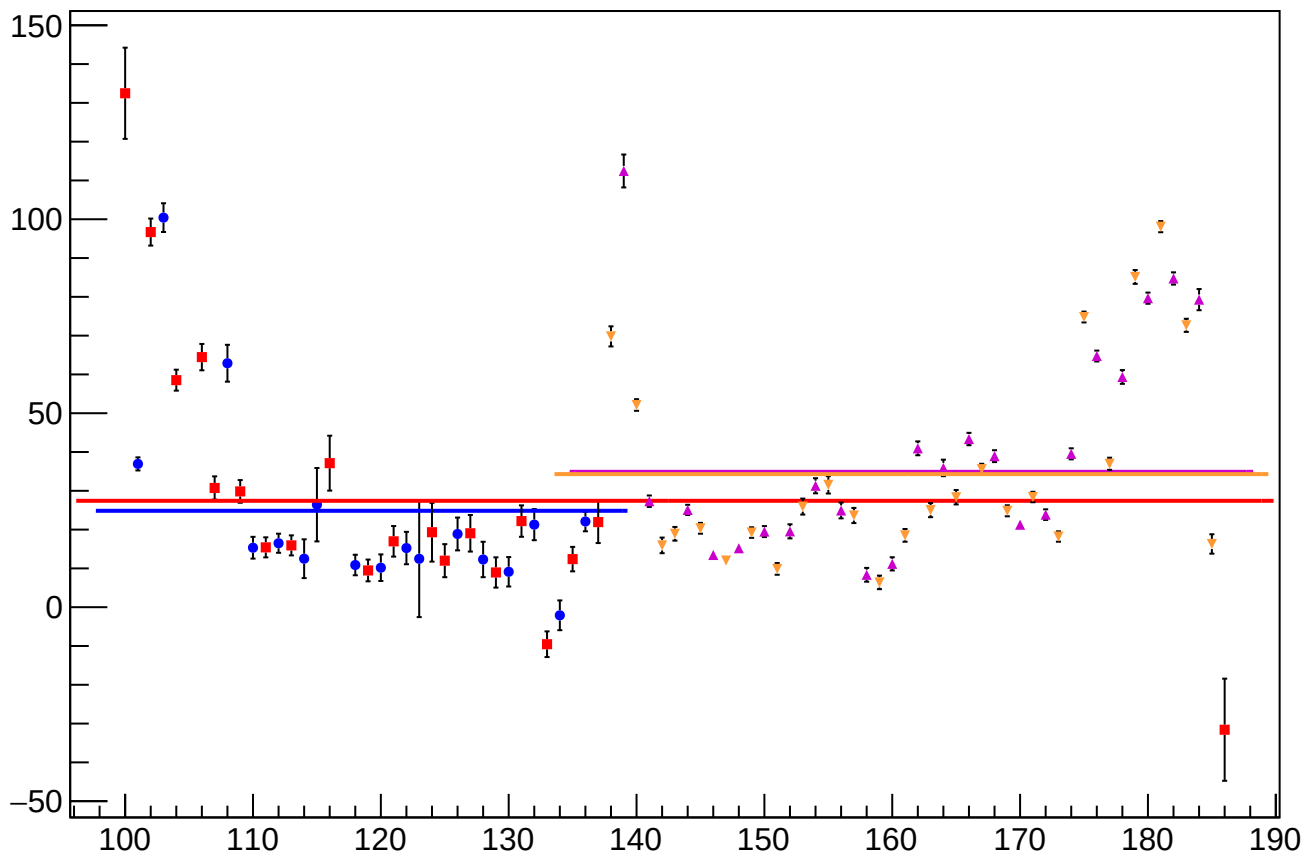
Left In: -82.342+/-0.413 χ^2/NDF :10954.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

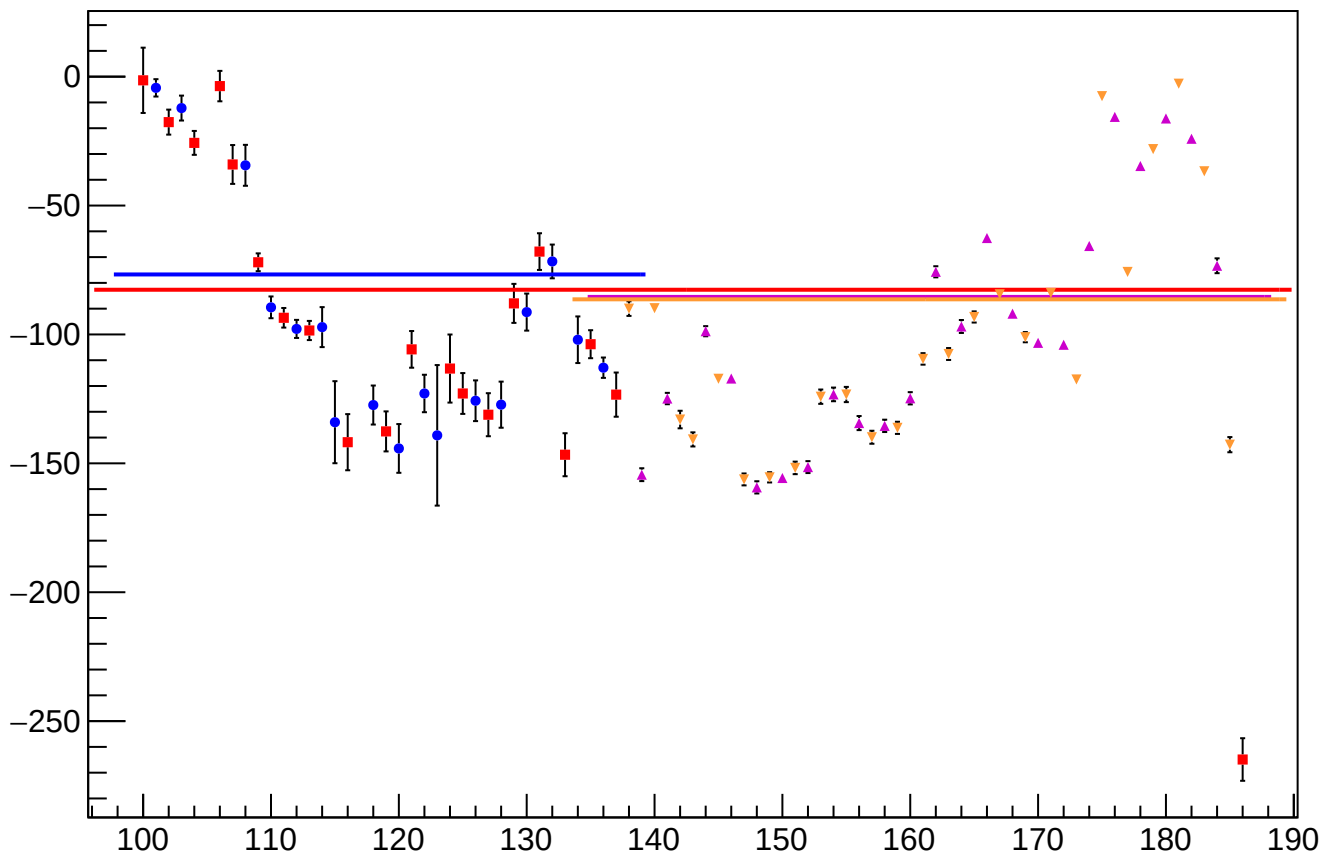
All: -82.608+/-0.290 χ^2/NDF : 25090.9/48

- sign -82.038+/-0.413 χ^2/NDF : 11292.9/23

reg_asym_sam4_diff_bpm4aY_slope vs Slug



reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -86.377 ± 0.409 χ^2/NDF : 14435.1/24

Right Out: -82.659 ± 1.334 χ^2/NDF : 1371.9/19

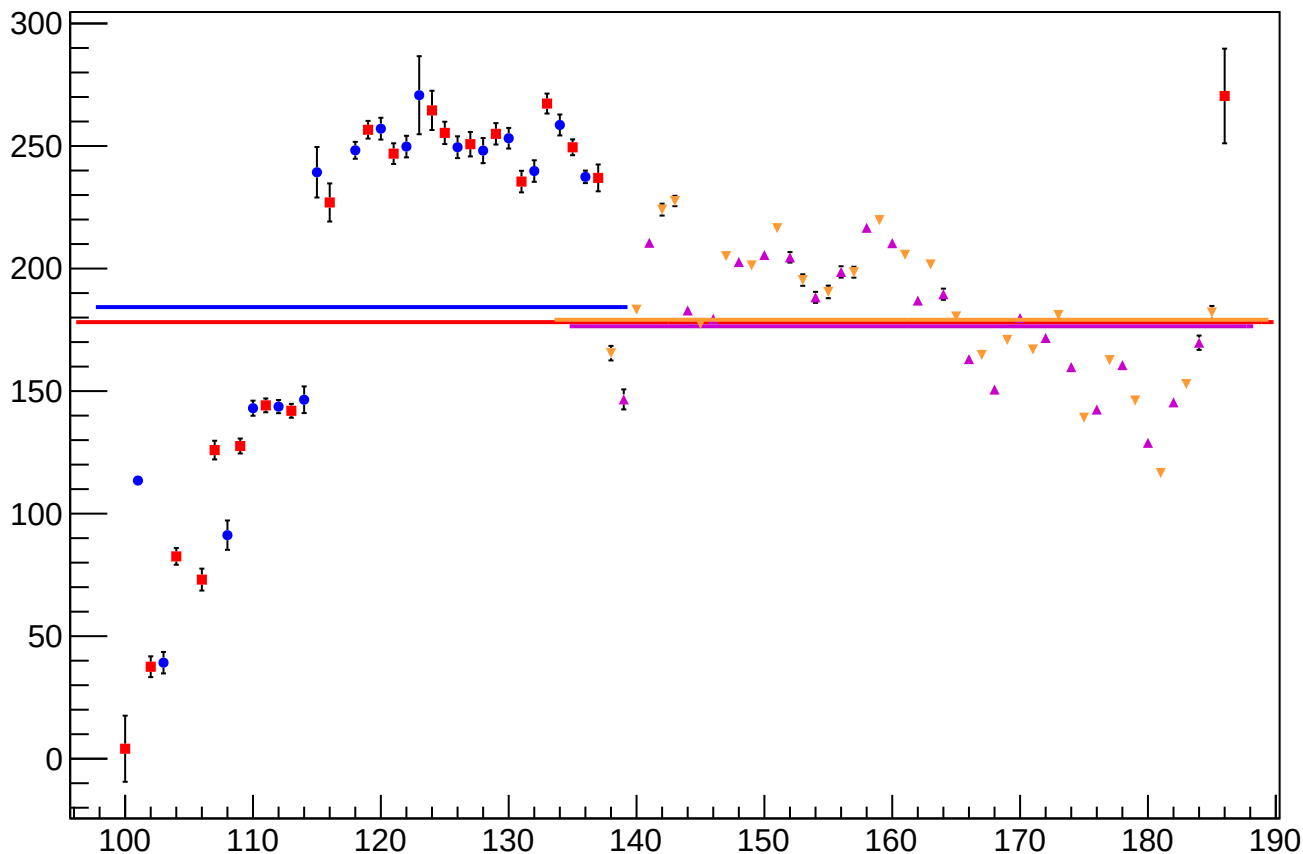
Left In: -85.441 ± 0.413 χ^2/NDF : 12998.9/22

+ sign -85.630 ± 0.393 χ^2/NDF : 15520.2/41

All: -85.415 ± 0.278 χ^2/NDF : 29895.5/84

- sign -85.198 ± 0.395 χ^2/NDF : 14374.7/42

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

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

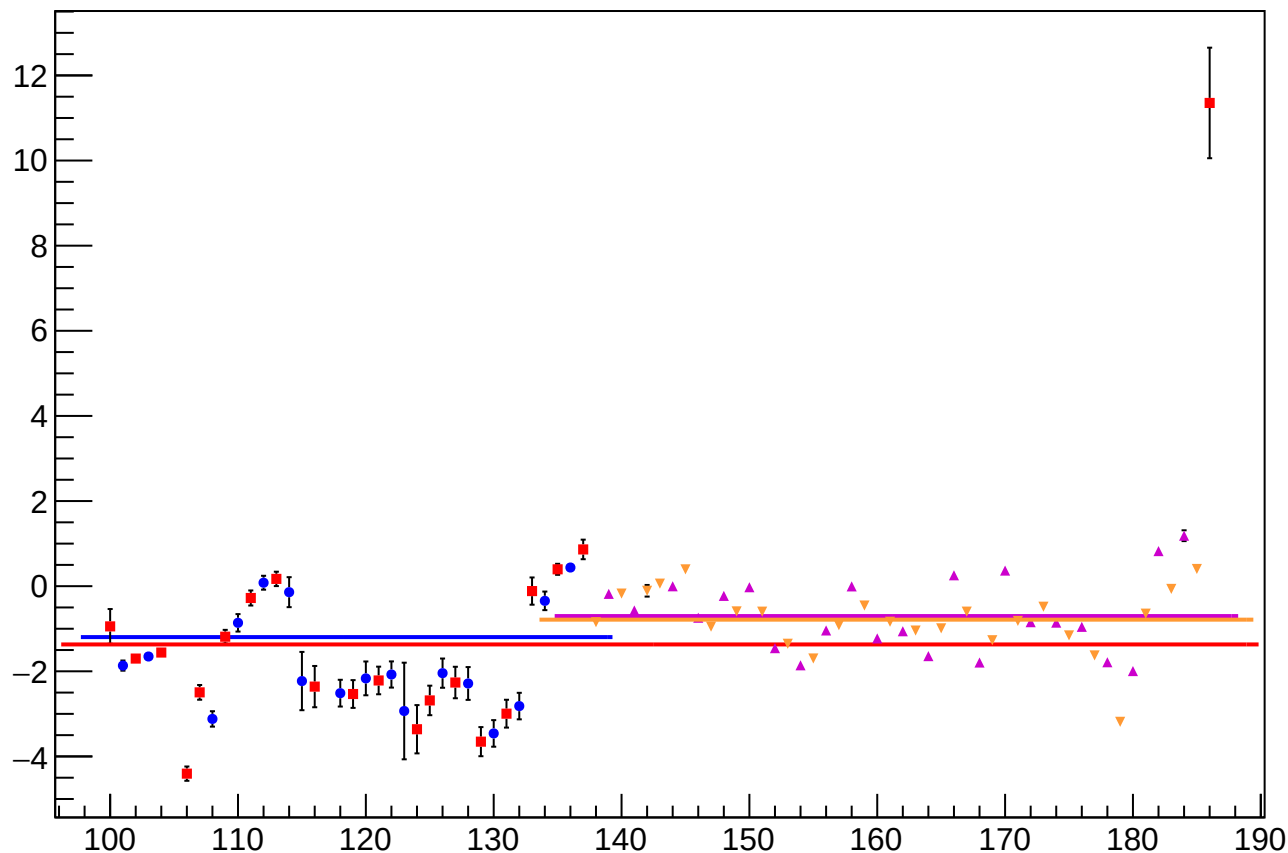
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ sign 179.811 $\pm$ 0.337 χ^2 /NDF: 11306.0/41

All: 178.275 $\pm$ 0.240 χ^2 /NDF: 22147.2/84

- sign 176.683 $\pm$ 0.343 χ^2 /NDF: 10798.8/42

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.787 ± 0.017 χ^2/NDF : 1760.7/24

Right Out: -1.369 ± 0.046 χ^2/NDF : 1020.5/19

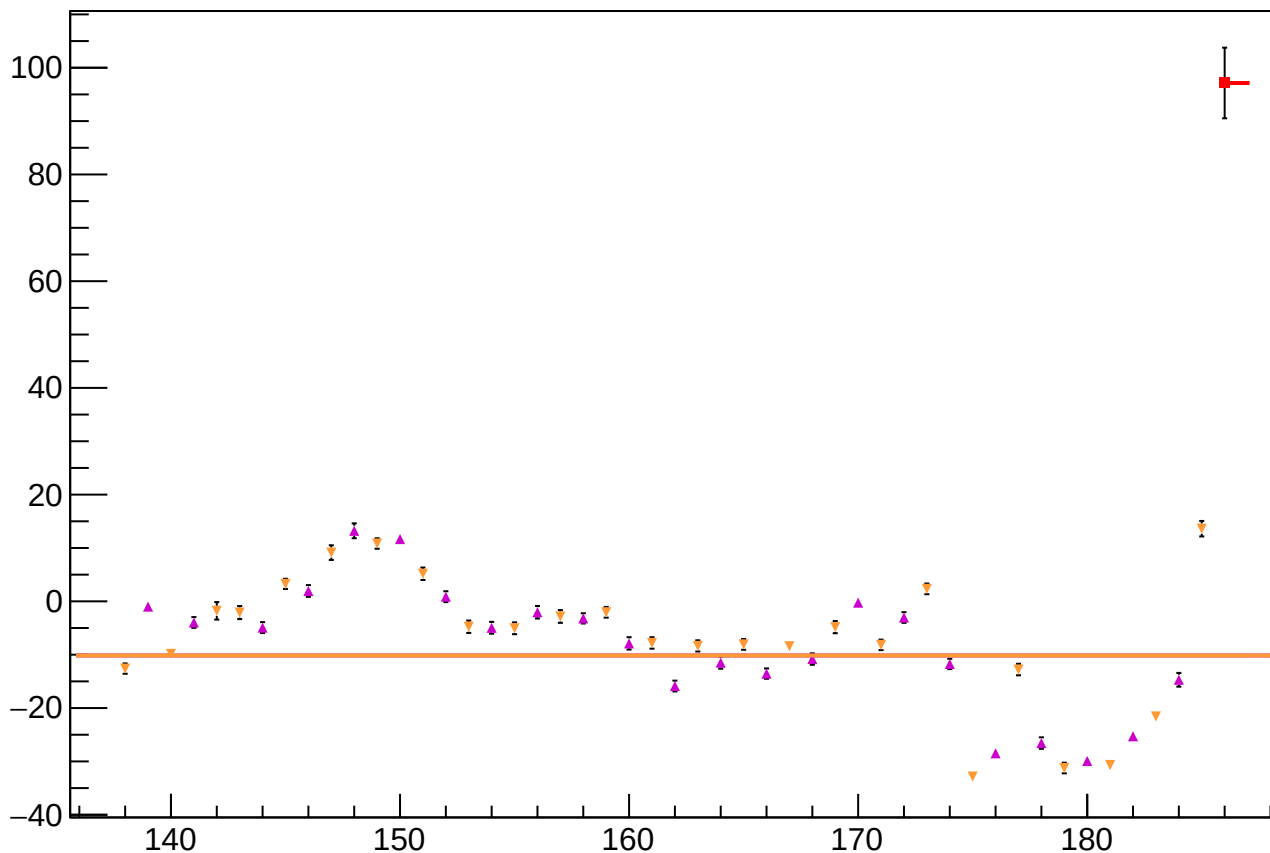
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ sign -0.830 ± 0.016 χ^2/NDF : 2448.6/41

All: -0.806 ± 0.011 χ^2/NDF : 6082.4/84

- sign -0.782 ± 0.016 χ^2/NDF : 3629.0/42

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -10.147 ± 0.202 χ^2/NDF : 4128.5/24

Right Out: 97.143 ± 6.619 χ^2/NDF : 0.0/0

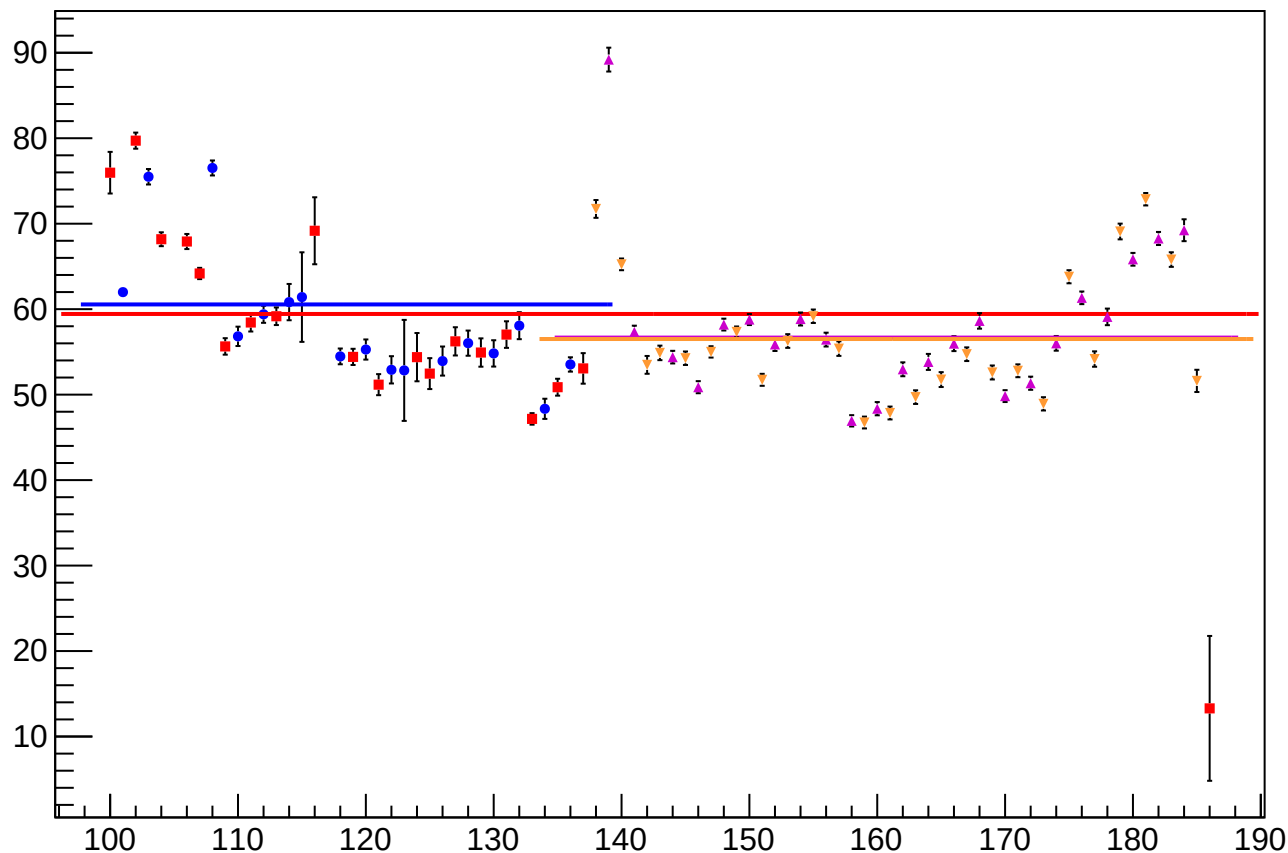
Left In: -10.149 ± 0.204 χ^2/NDF : 3491.7/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.098 ± 0.143 χ^2/NDF : 7882.9/48

- sign -10.047 ± 0.204 χ^2/NDF : 3754.2/23

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

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

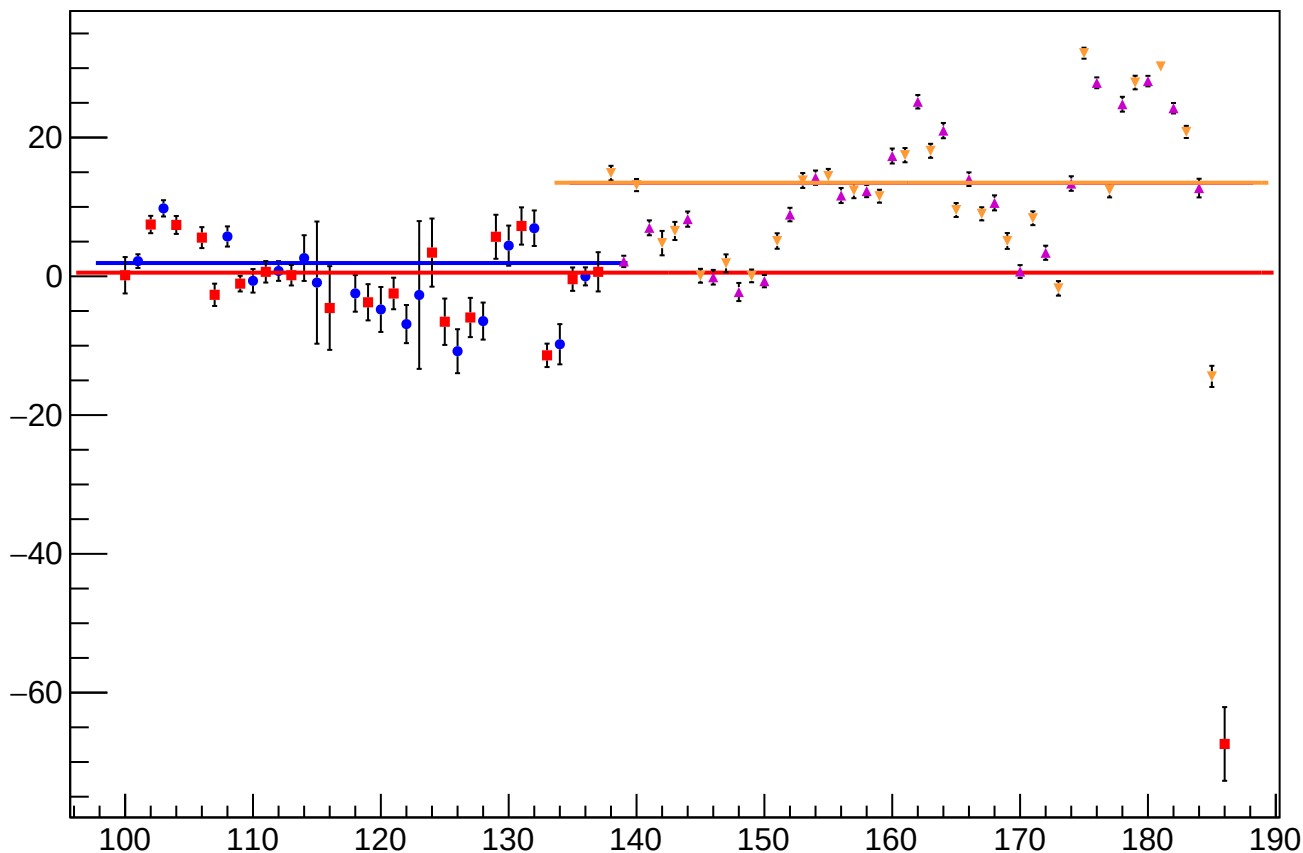
Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

+ sign 57.602 $\pm$ 0.136 χ^2 /NDF: 3067.7/41

All: 57.562 $\pm$ 0.097 χ^2 /NDF: 6180.6/84

- sign 57.521 $\pm$ 0.137 χ^2 /NDF: 3112.7/42

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 13.485 ± 0.202 χ^2/NDF : 2731.0/24

Right Out: 0.527 ± 0.423 χ^2/NDF : 314.1/19

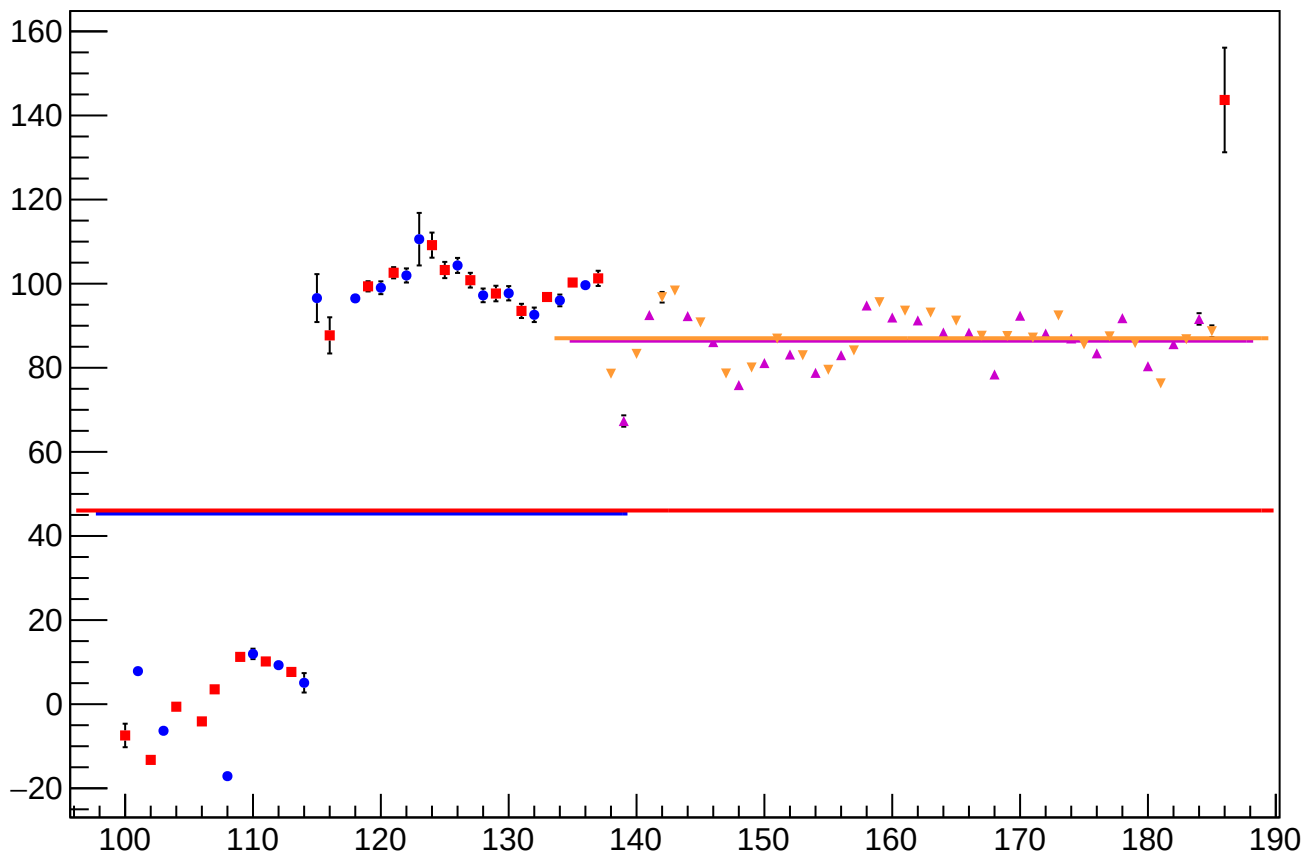
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ sign 11.601 ± 0.185 χ^2/NDF : 3387.6/41

All: 11.315 ± 0.130 χ^2/NDF : 6838.0/84

- sign 11.033 ± 0.183 χ^2/NDF : 3445.7/42

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

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

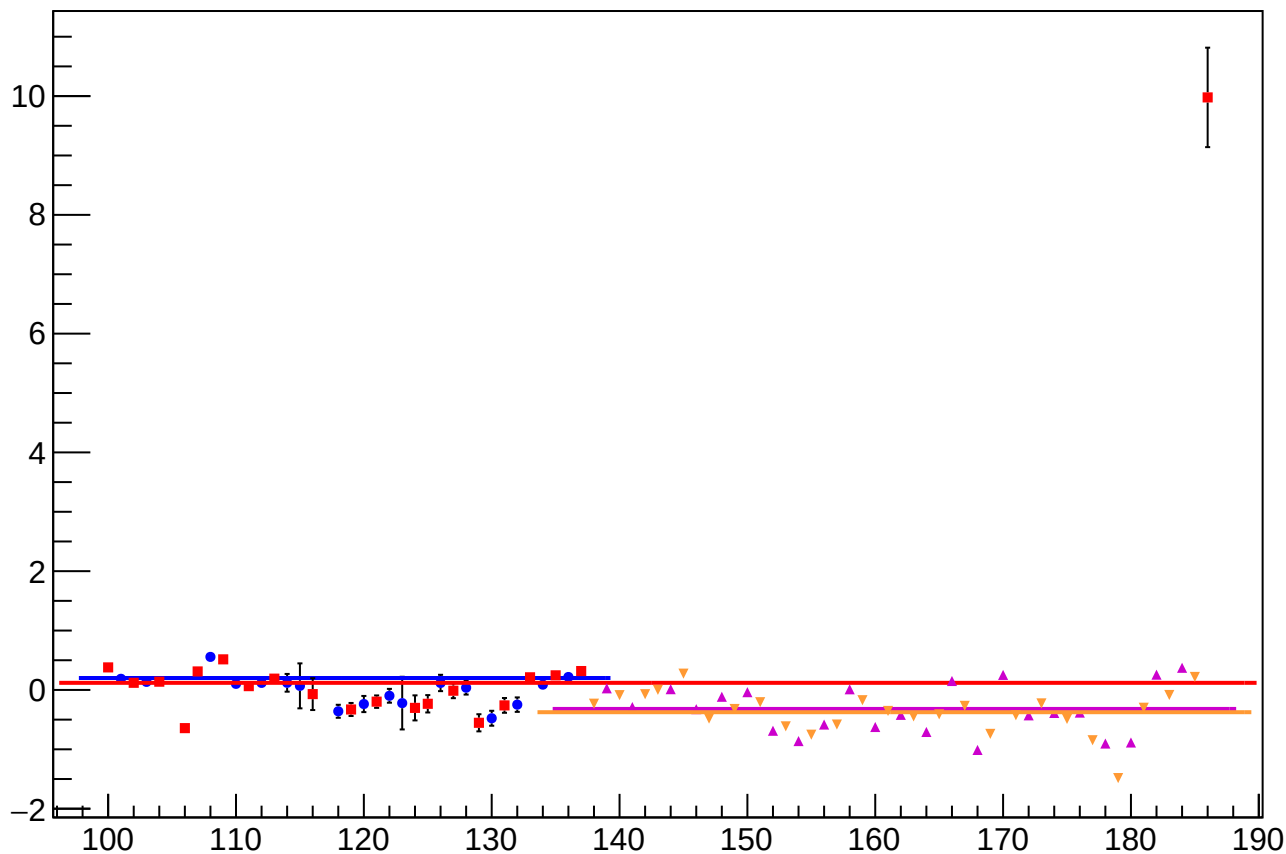
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 76.210 $\pm$ 0.154 χ^2 /NDF: 40118.7/41

All: 75.518 $\pm$ 0.110 χ^2 /NDF: 83346.8/84

- 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 : 217.8/16

Left Out: -0.375 ± 0.008 χ^2/NDF : 1657.5/24

Right Out: 0.120 ± 0.013 χ^2/NDF : 638.7/19

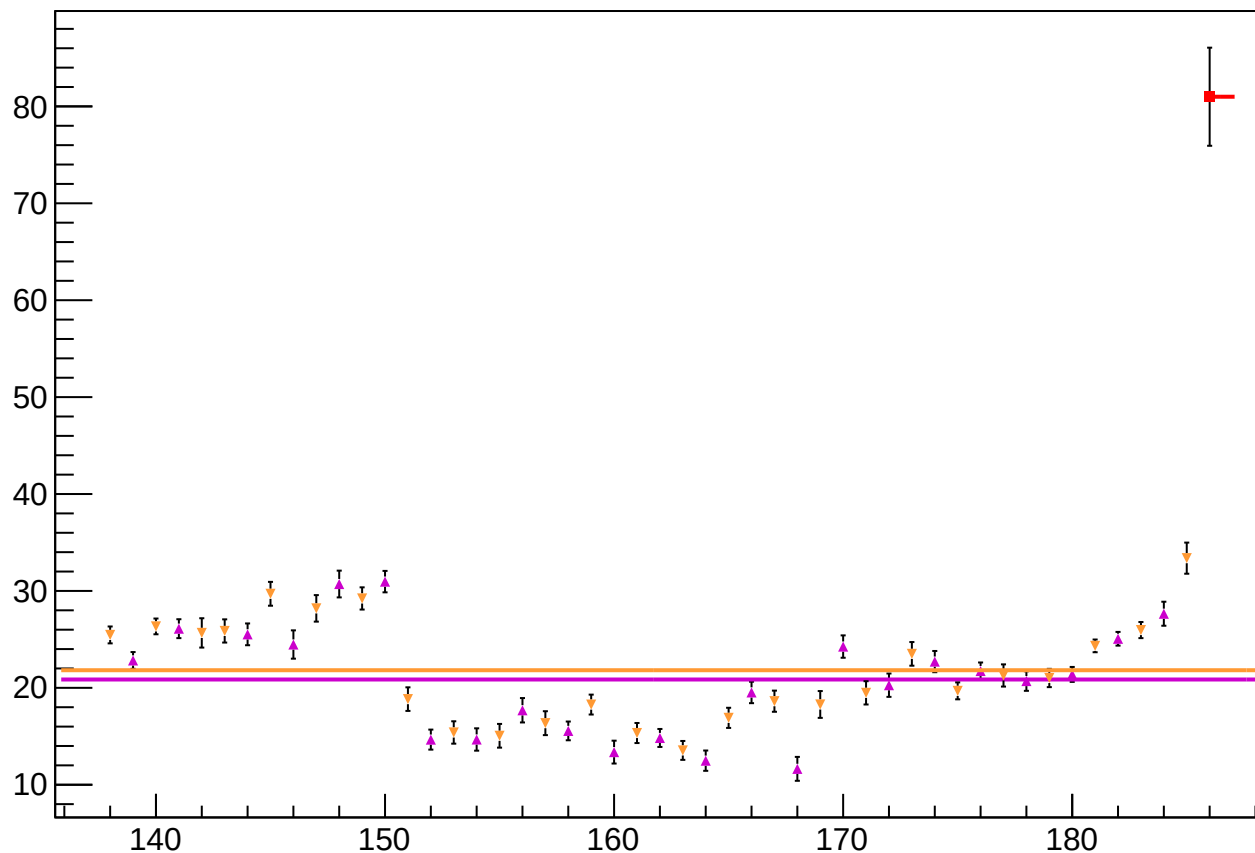
Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

+ sign -0.230 ± 0.007 χ^2/NDF : 3135.5/41

All: -0.213 ± 0.005 χ^2/NDF : 6930.7/84

- sign -0.196 ± 0.007 χ^2/NDF : 3783.5/42

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 21.818+/-0.210 χ^2/NDF : 522.7/24

Right Out: 80.998+/-5.062 χ^2/NDF : 0.0/0

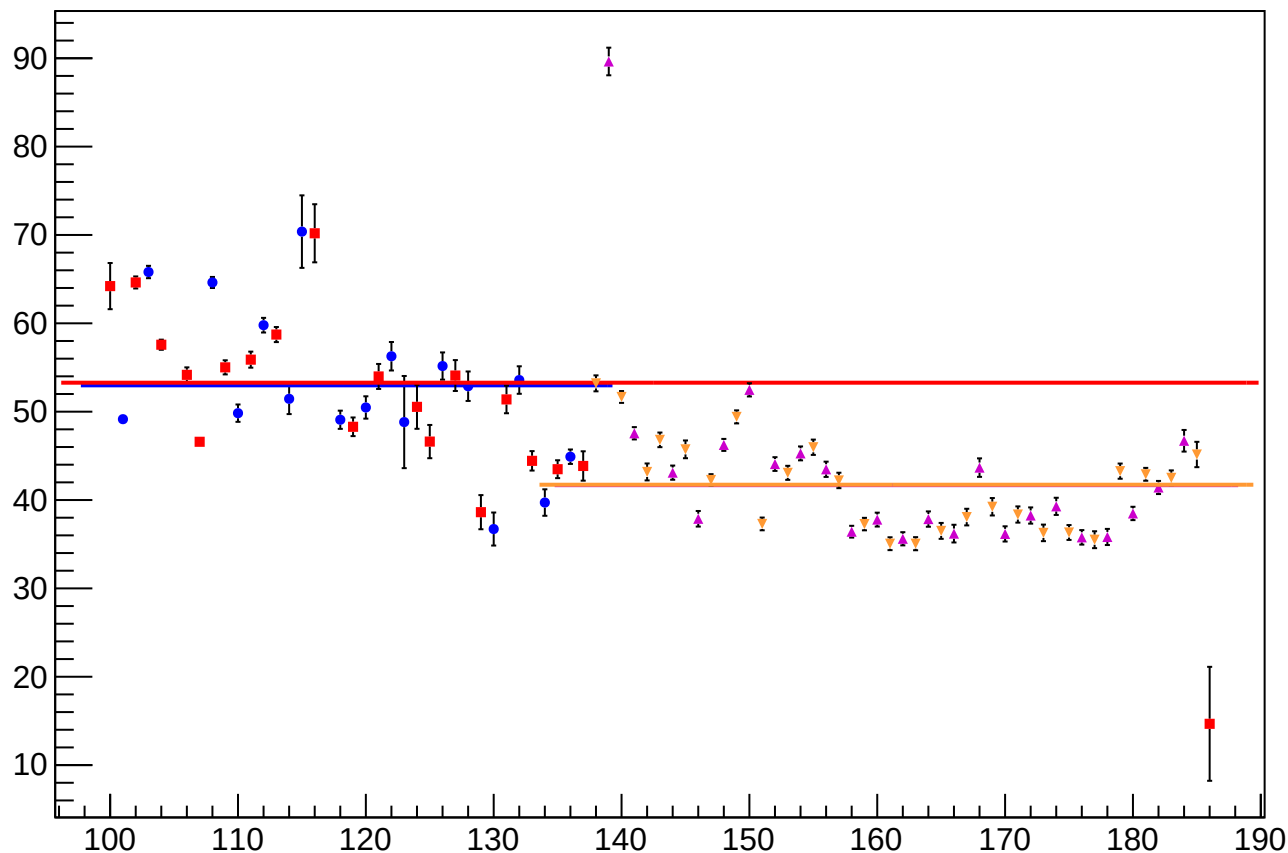
Left In: 20.860+/-0.216 χ^2/NDF : 575.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.404+/-0.150 χ^2/NDF : 1247.1/48

- sign 20.969+/-0.215 χ^2/NDF : 716.4/23

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

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

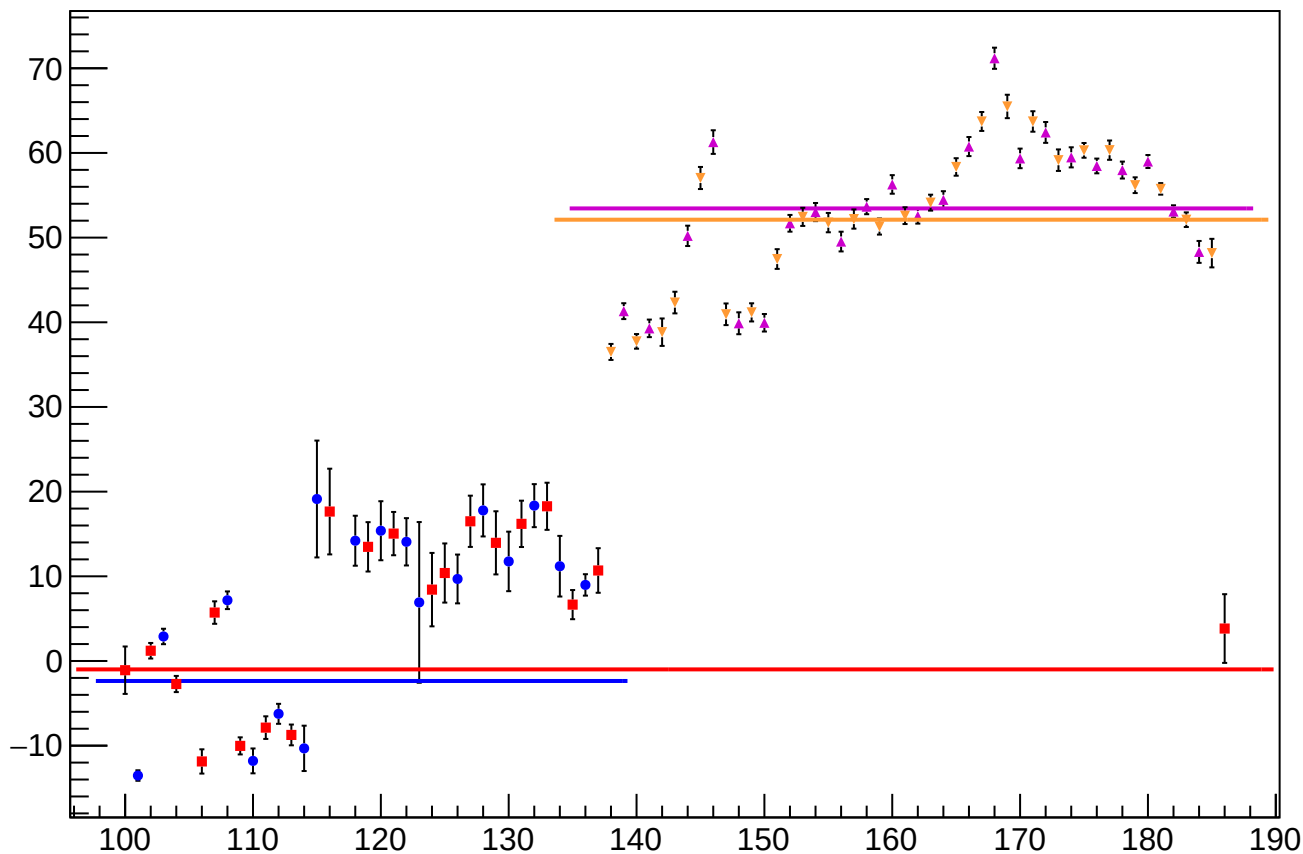
Left In: 41.682 $\pm$ 0.173 χ^2 /NDF:1715.9/22

+ sign 46.050 $\pm$ 0.130 χ^2 /NDF: 3977.1/41

All: 46.011 $\pm$ 0.095 χ^2 /NDF: 8254.2/84

- sign 45.967 $\pm$ 0.138 χ^2 /NDF: 4276.9/42

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 52.116 ± 0.210 χ^2/NDF : 1445.4/24

Right Out: -0.993 ± 0.375 χ^2/NDF : 509.2/19

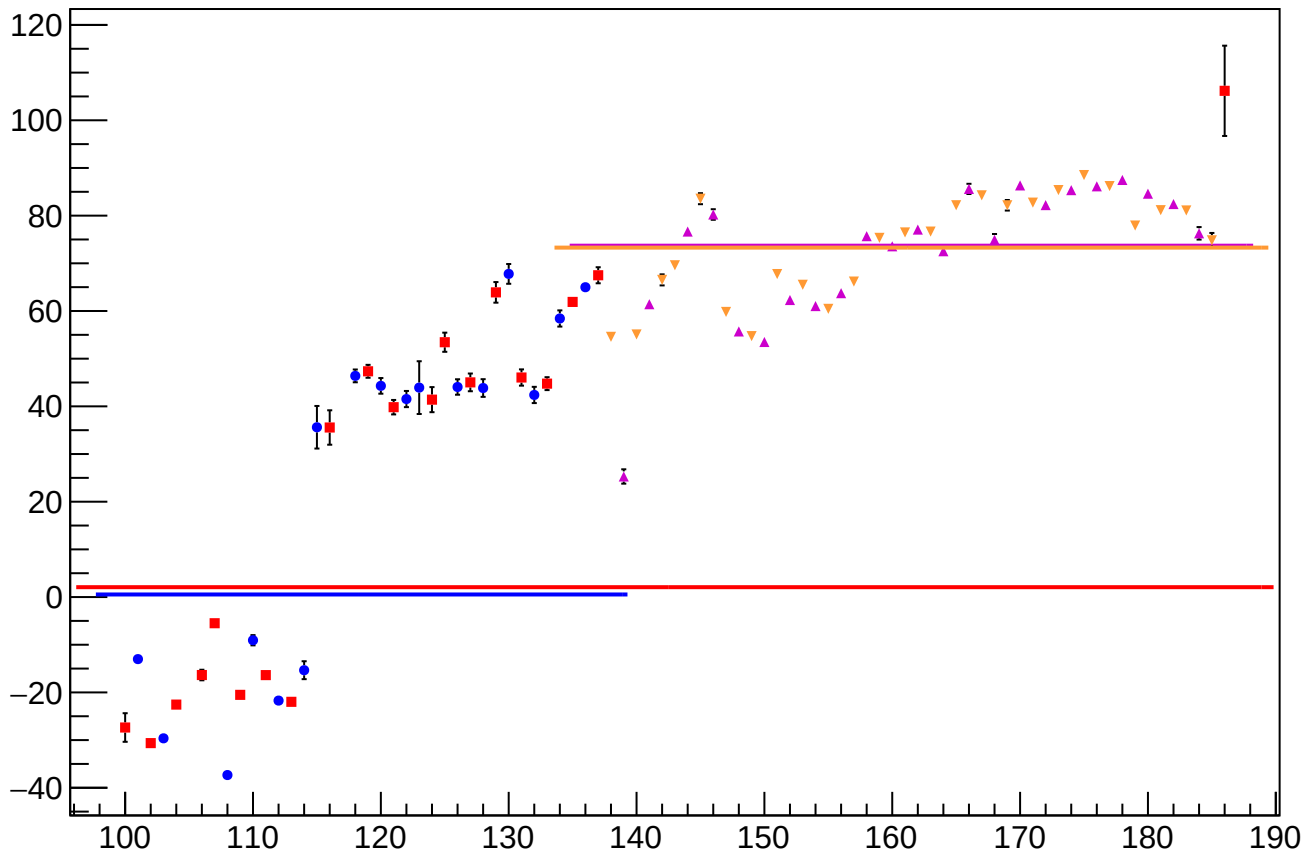
Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

+ sign 38.459 ± 0.182 χ^2/NDF : 19086.5/41

All: 39.237 ± 0.130 χ^2/NDF : 36664.6/84

- sign 40.049 ± 0.186 χ^2/NDF : 17540.8/42

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 73.294 ± 0.187 χ^2/NDF : 3148.2/24

Right Out: 2.072 ± 0.266 χ^2/NDF : 15597.7/19

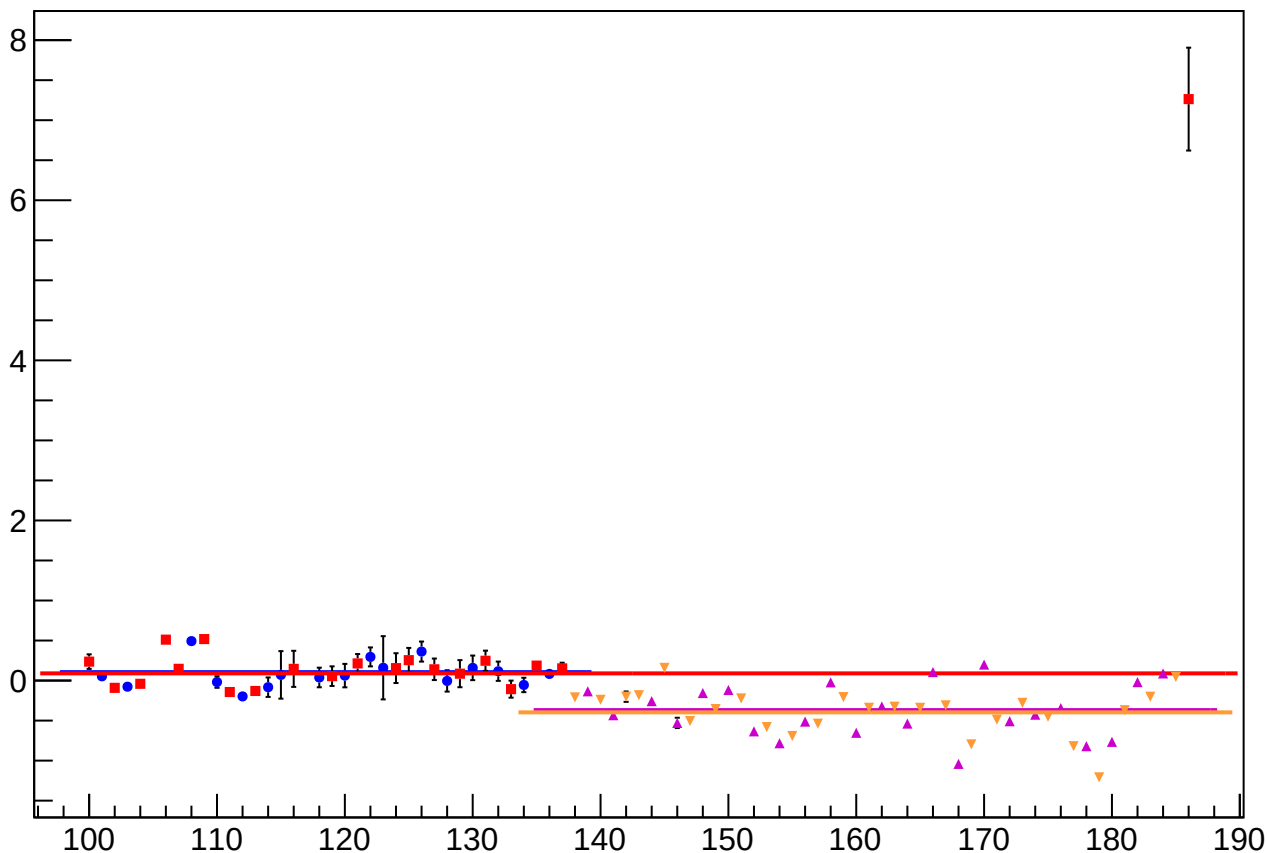
Left In: 73.699 ± 0.194 χ^2/NDF : 3901.1/22

+ sign 46.685 ± 0.149 χ^2/NDF : 76729.2/41

All: 47.739 ± 0.108 χ^2/NDF : 143592.7/84

- 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 : 400.7/16

Left Out: -0.397 ± 0.009 χ^2/NDF : 943.5/24

Right Out: 0.090 ± 0.011 χ^2/NDF : 515.6/19

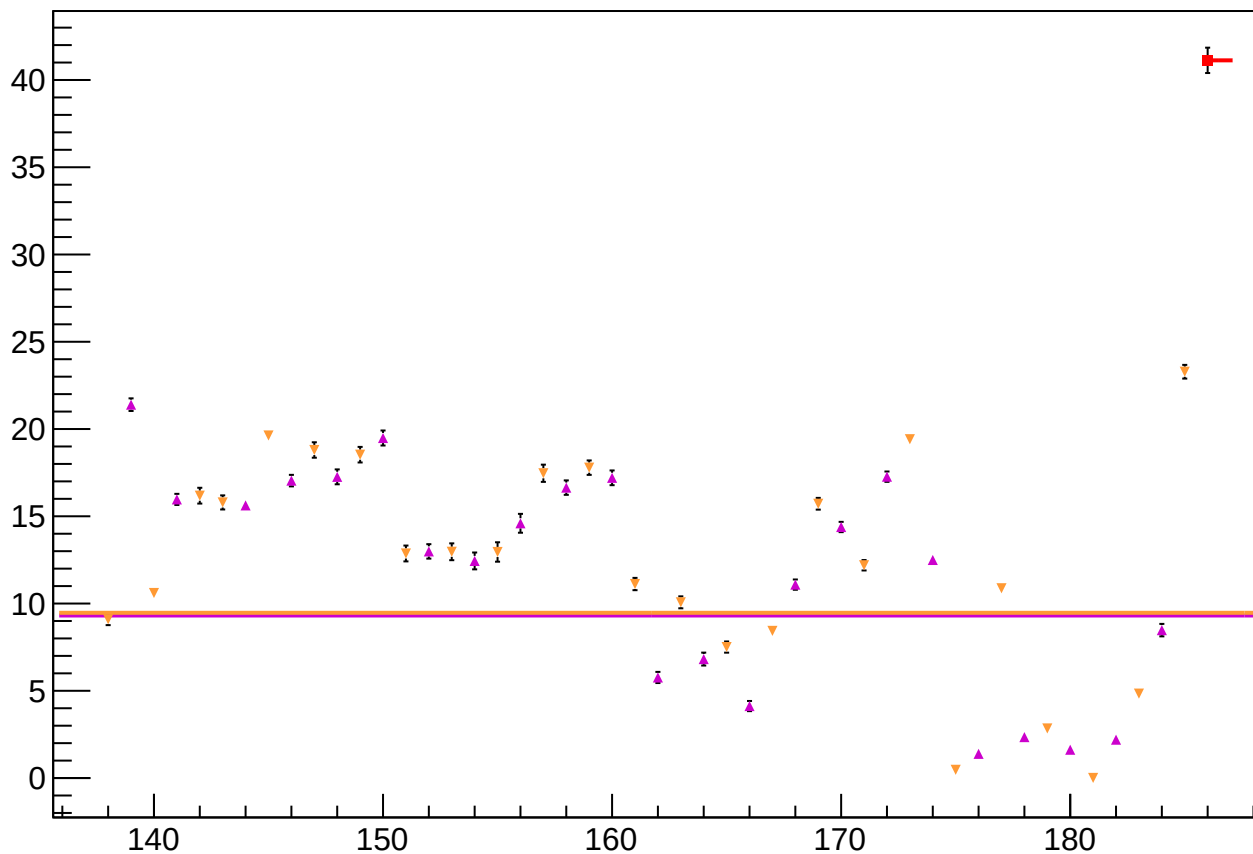
Left In: -0.369 ± 0.009 χ^2/NDF : 1322.7/22

+ sign -0.208 ± 0.007 χ^2/NDF : 2636.0/41

All: -0.201 ± 0.005 χ^2/NDF : 5550.6/84

- sign -0.193 ± 0.007 χ^2/NDF : 2912.2/42

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 9.470 $\pm$ 0.061 χ^2 /NDF:12578.0/24

Right Out: 41.126 $\pm$ 0.726 χ^2 /NDF: 0.0/0

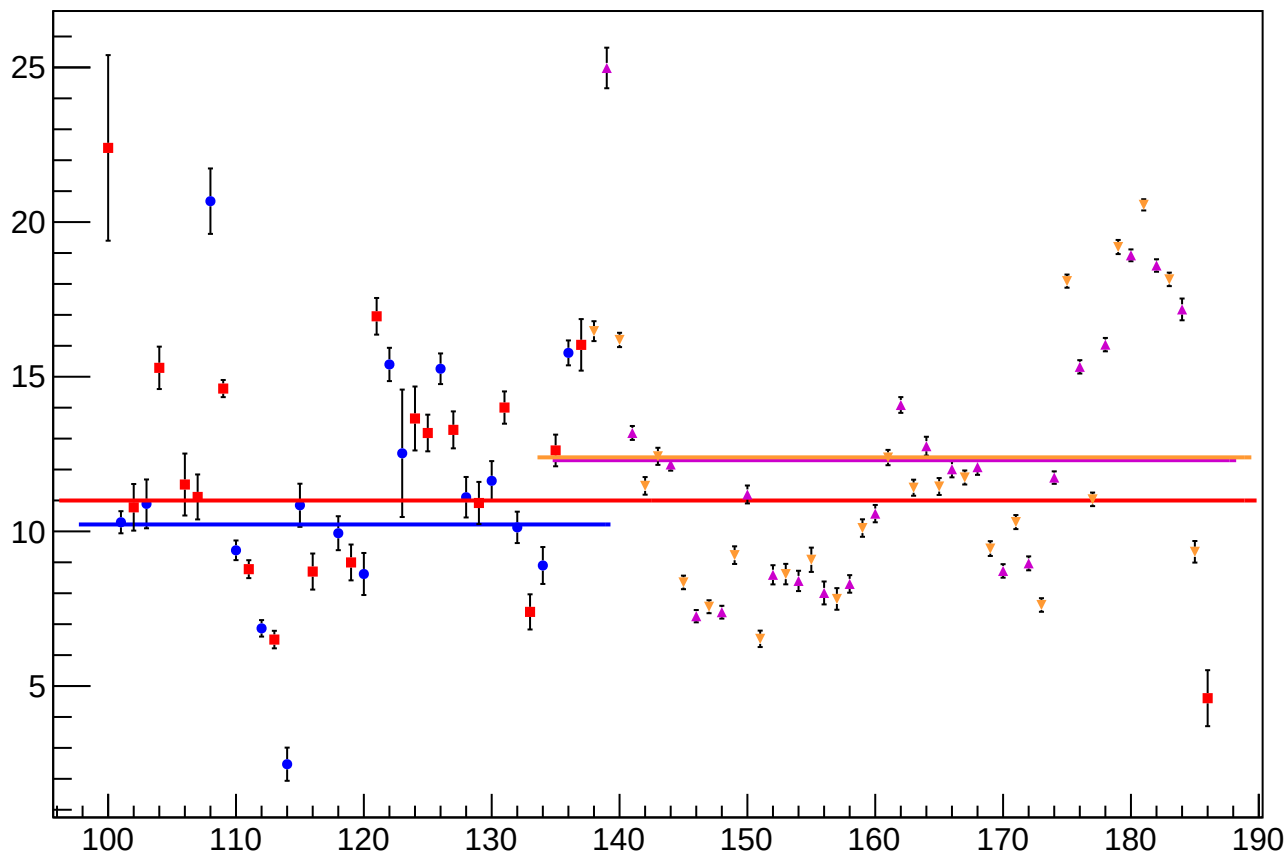
Left In: 9.315 $\pm$ 0.063 χ^2 /NDF:11007.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.509 $\pm$ 0.044 χ^2 /NDF: 25489.4/48

- sign 9.550 $\pm$ 0.063 χ^2 /NDF: 12910.5/23

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 $\pm$ 0.119 χ^2/NDF : 877.6/16

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

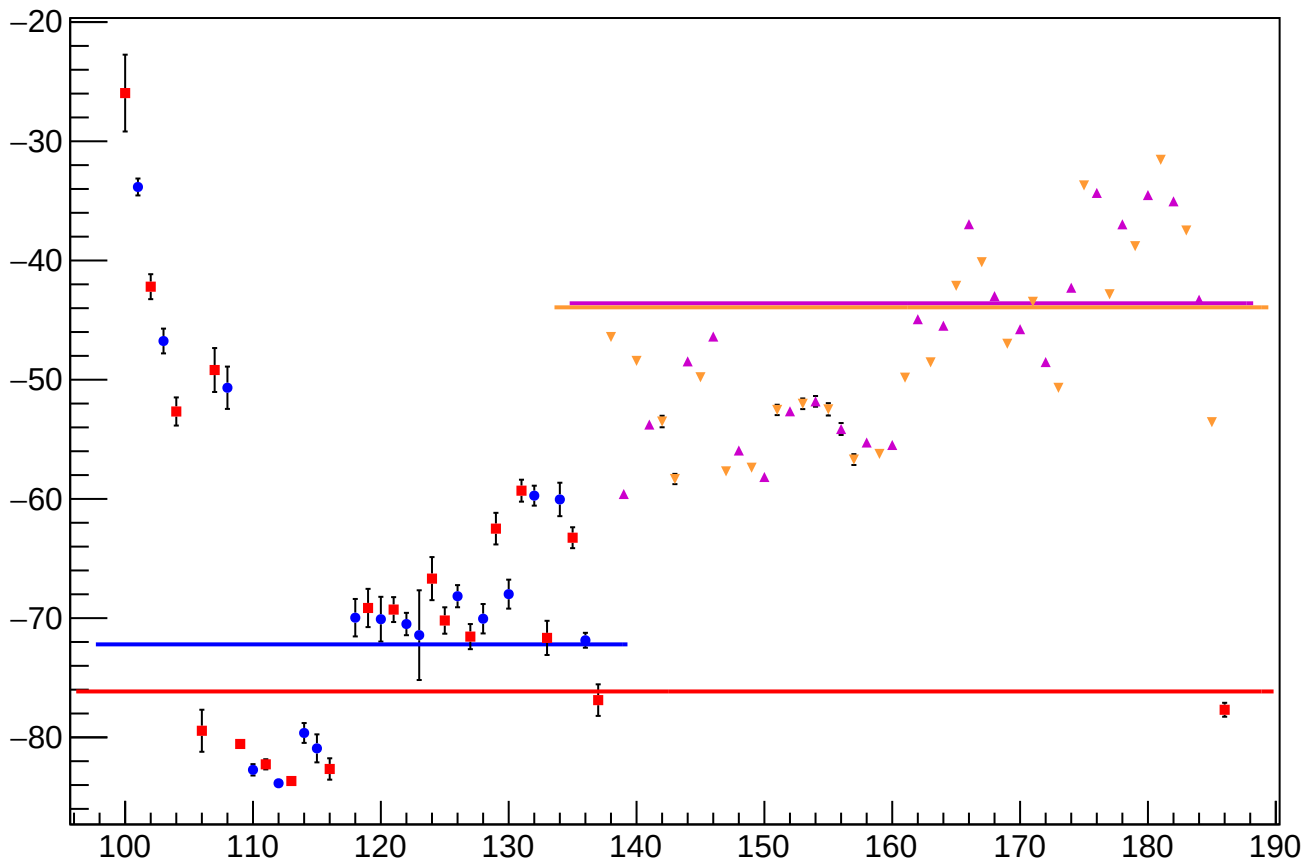
Left In: 12.302 $\pm$ 0.051 χ^2/NDF : 5661.3/22

+ sign 12.069 $\pm$ 0.046 χ^2/NDF : 8686.5/41

All: 12.079 $\pm$ 0.033 χ^2/NDF : 15322.3/84

- sign 12.089 $\pm$ 0.047 χ^2/NDF : 6635.7/42

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -43.930 ± 0.062 χ^2/NDF : 17576.0/24

Right Out: -76.150 ± 0.173 χ^2/NDF : 3473.0/19

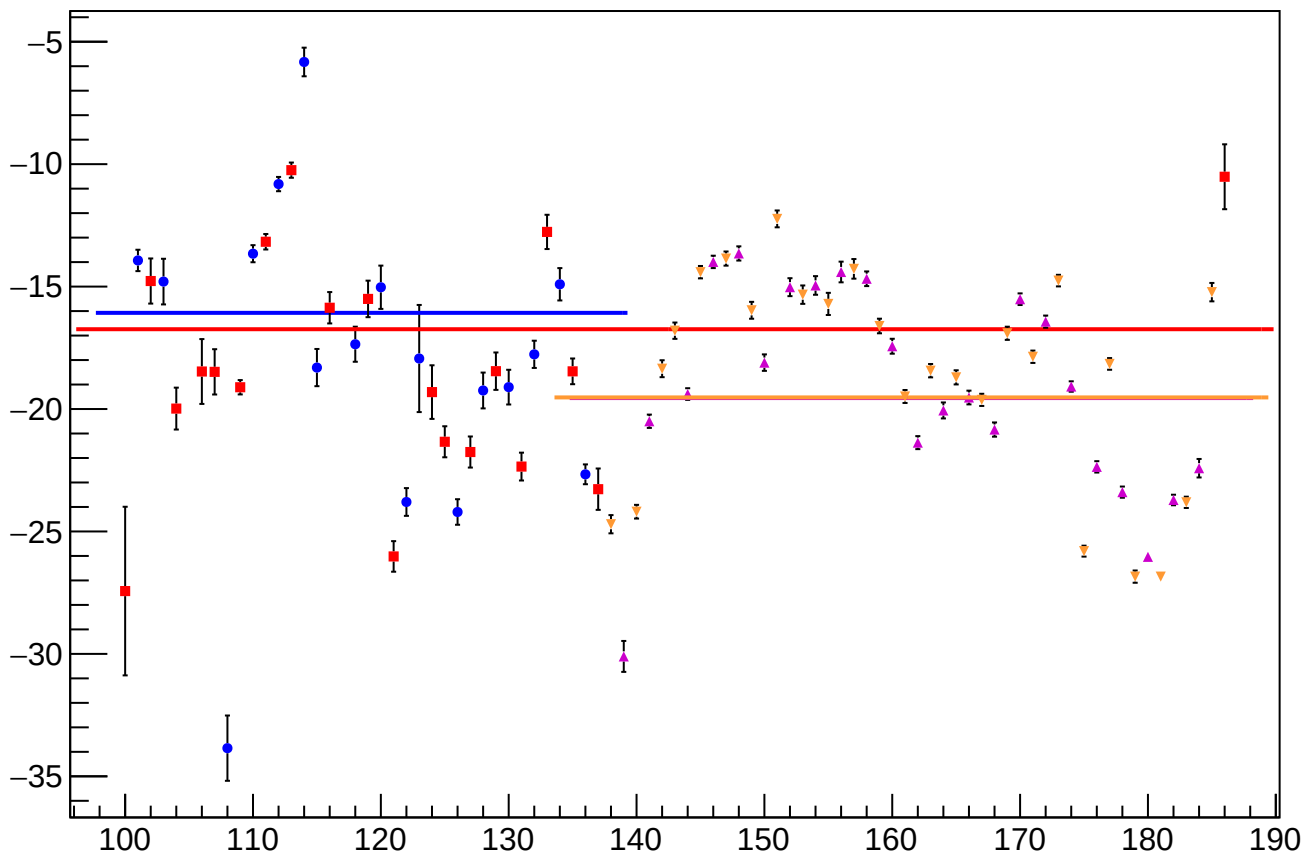
Left In: -43.591 ± 0.063 χ^2/NDF : 15574.9/22

+ sign -46.463 ± 0.059 χ^2/NDF : 41761.0/41

All: -46.940 ± 0.042 χ^2/NDF : 92258.6/84

- sign -47.418 ± 0.059 χ^2/NDF : 50367.7/42

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -19.526 ± 0.056 $\chi^2/\text{NDF}: 6493.0/24$

Right Out: -16.741 ± 0.128 $\chi^2/\text{NDF}: 1238.0/19$

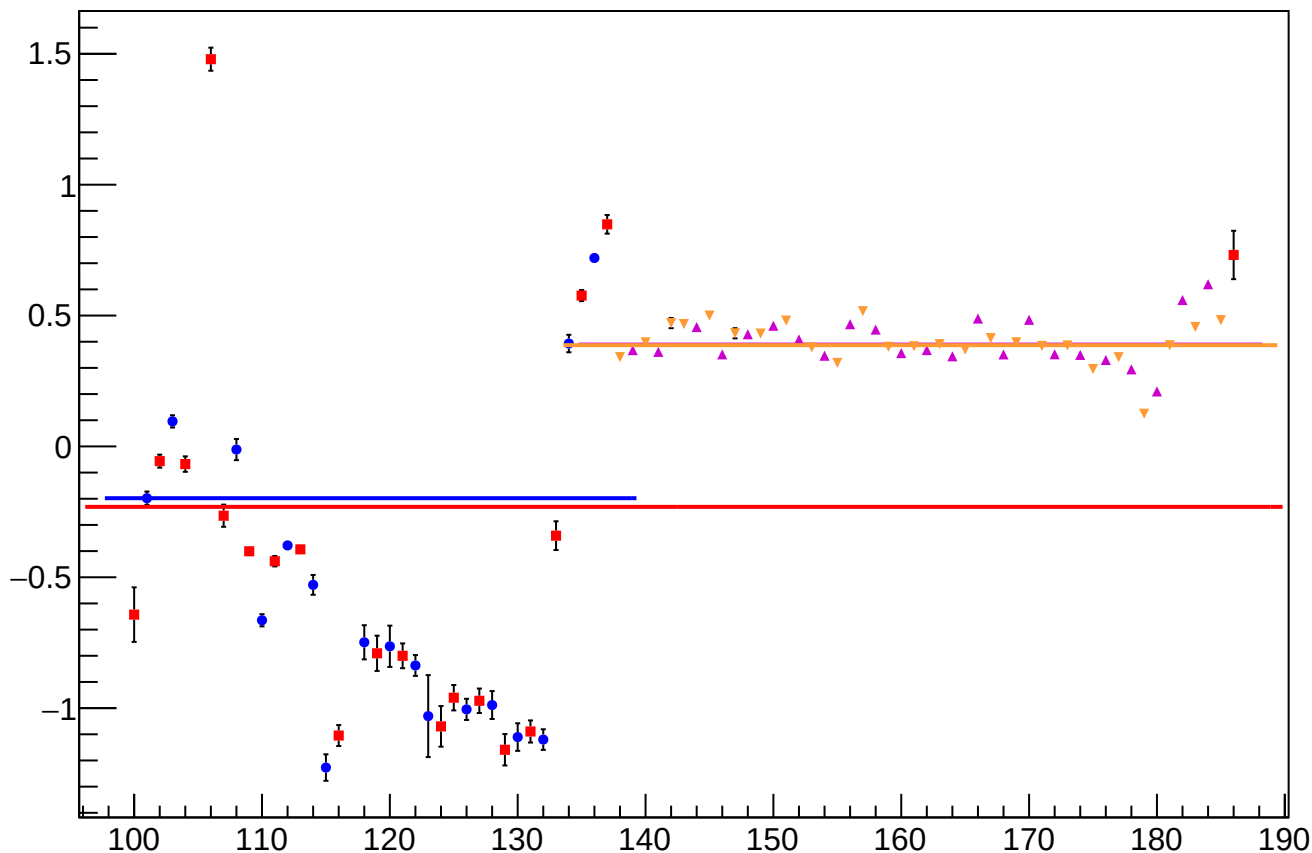
Left In: -19.552 ± 0.057 $\chi^2/\text{NDF}: 4359.1/22$

+ sign -19.002 ± 0.051 $\chi^2/\text{NDF}: 8713.6/41$

All: -19.042 ± 0.037 $\chi^2/\text{NDF}: 14716.6/84$

- sign -19.083 ± 0.052 $\chi^2/\text{NDF}: 6001.7/42$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.387 ± 0.003 χ^2/NDF : 989.2/24

Right Out: -0.231 ± 0.007 χ^2/NDF : 6331.0/19

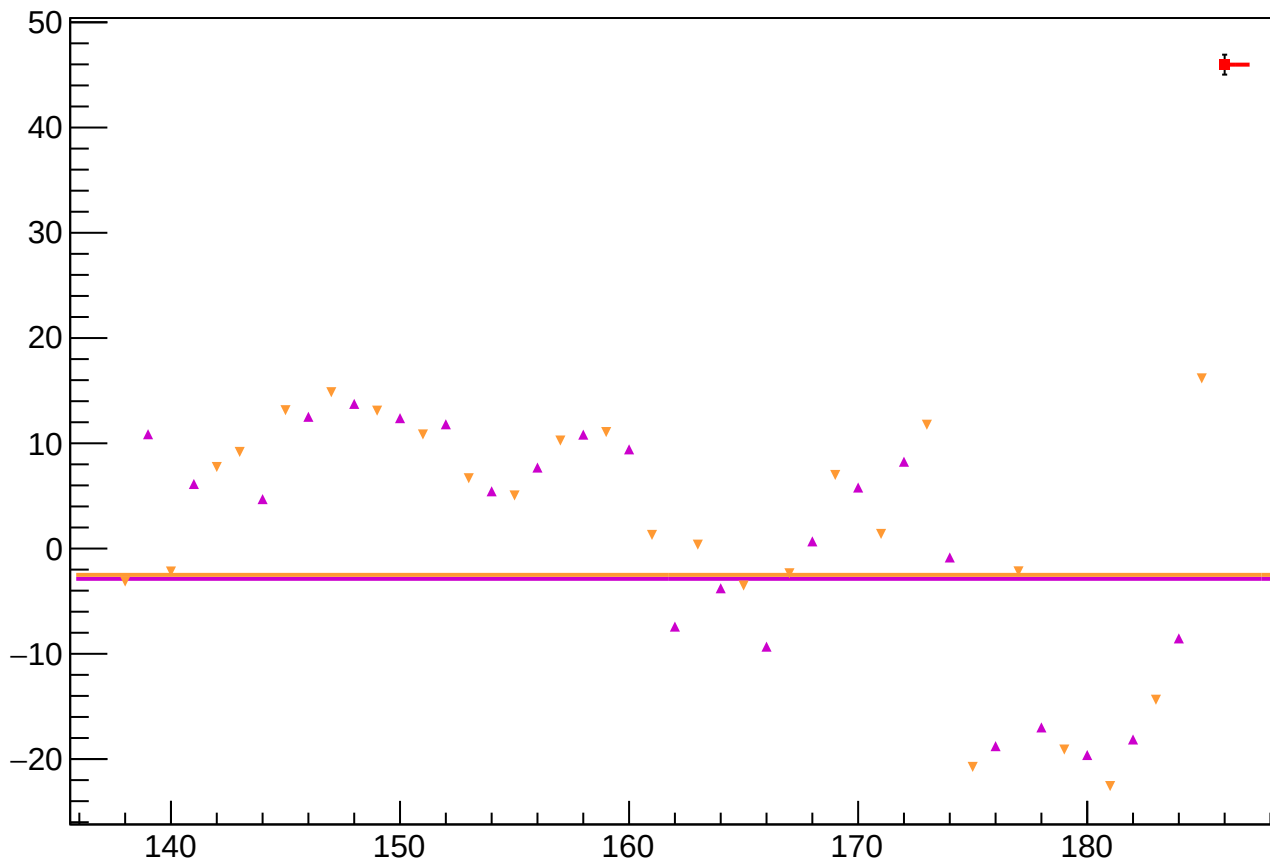
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.326 ± 0.002 χ^2/NDF : 12722.8/41

All: 0.321 ± 0.002 χ^2/NDF : 26957.1/84

- sign 0.316 ± 0.002 χ^2/NDF : 14226.0/42

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.499+/-0.053 χ^2/NDF : 55930.9/24

Right Out: 45.976+/-0.947 χ^2/NDF : 0.0/0

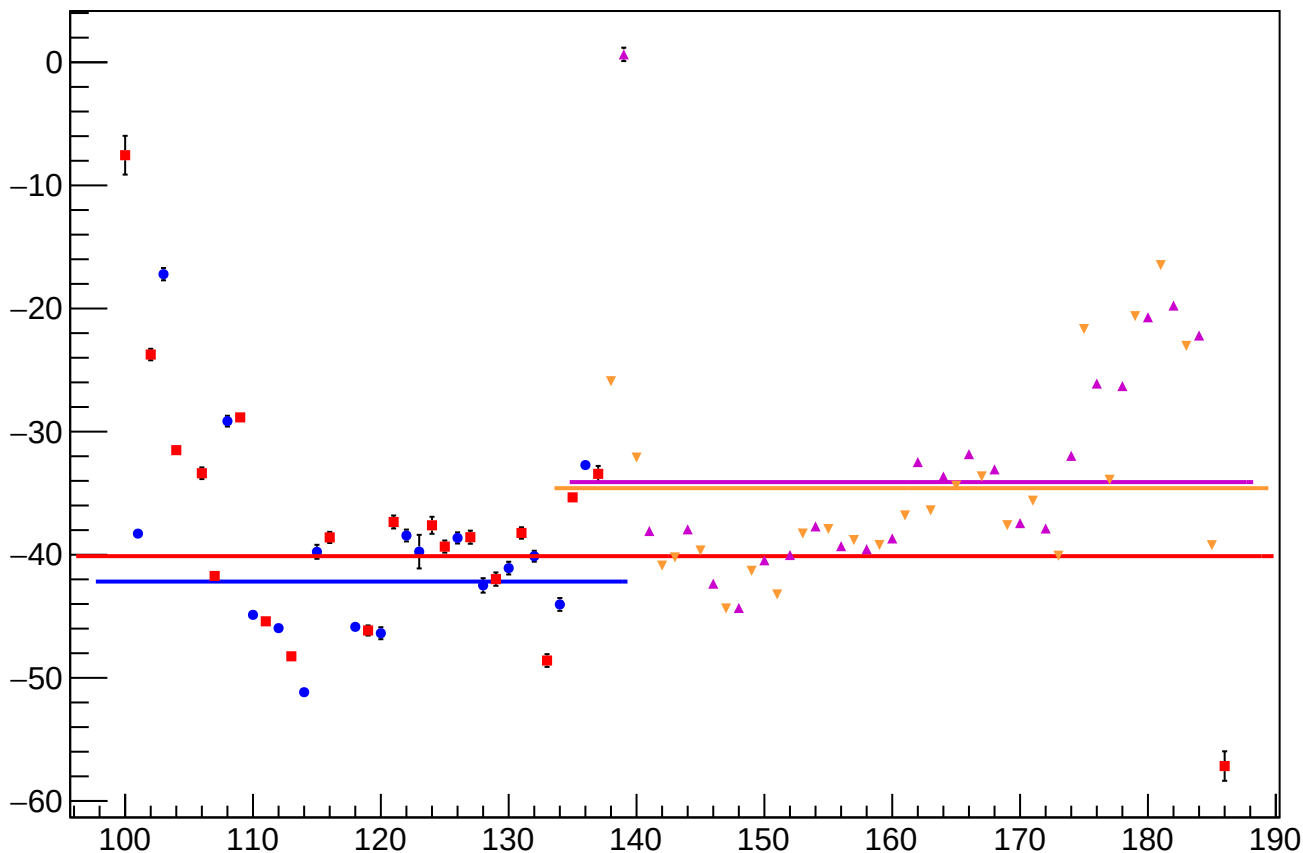
Left In: -2.876+/-0.055 χ^2/NDF : 46380.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.603+/-0.038 χ^2/NDF : 104969.7/48

- sign -2.714+/-0.055 χ^2/NDF : 49030.8/23

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -34.594 ± 0.042 χ^2/NDF : 34404.6/24

Right Out: -40.115 ± 0.073 χ^2/NDF : 11516.9/19

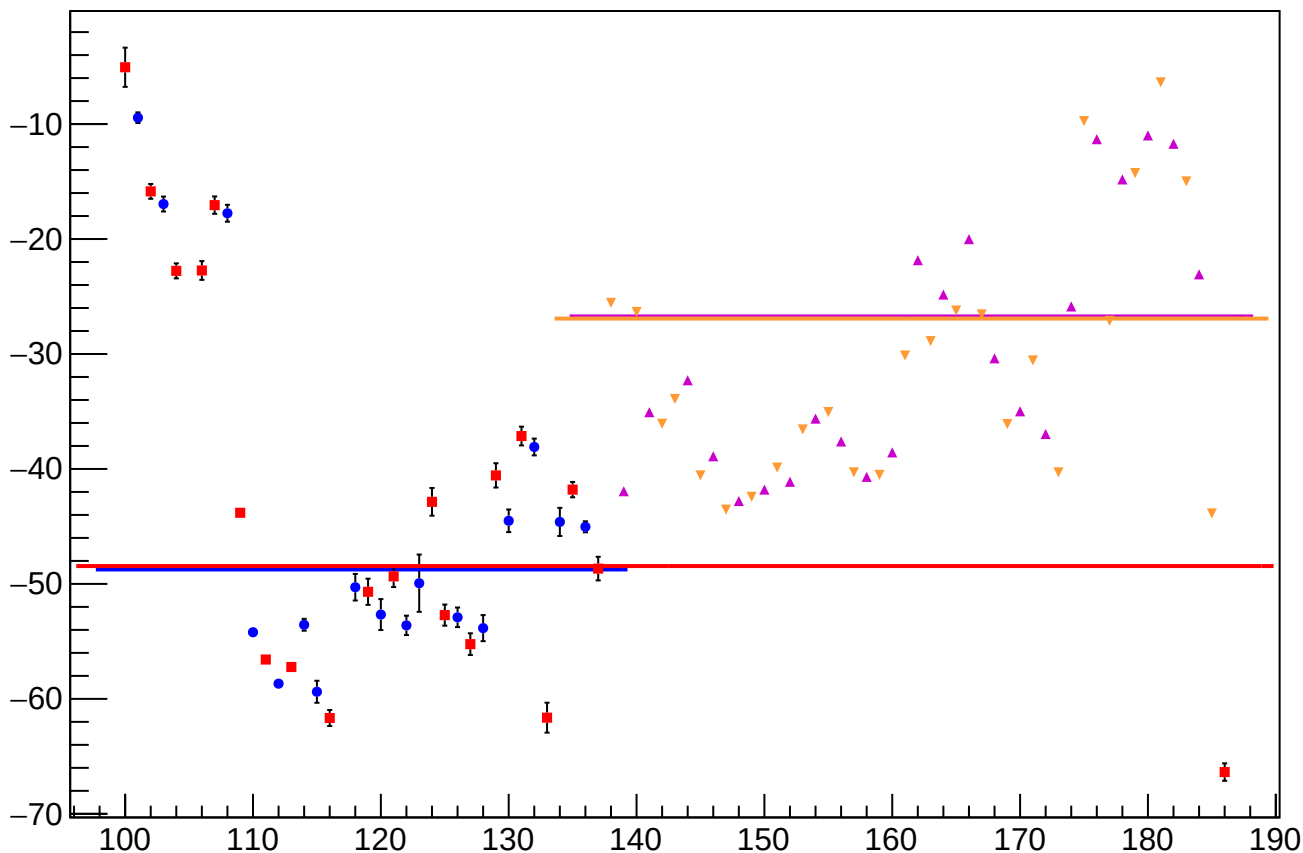
Left In: -34.099 ± 0.044 χ^2/NDF : 29370.6/22

+ sign -36.304 ± 0.037 χ^2/NDF : 48346.3/41

All: -36.010 ± 0.026 χ^2/NDF : 94388.7/84

- sign -35.705 ± 0.038 χ^2/NDF : 45913.2/42

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -26.920 ± 0.053 $\chi^2/\text{NDF}: 49198.9/24$

Right Out: -48.448 ± 0.106 $\chi^2/\text{NDF}: 12299.6/19$

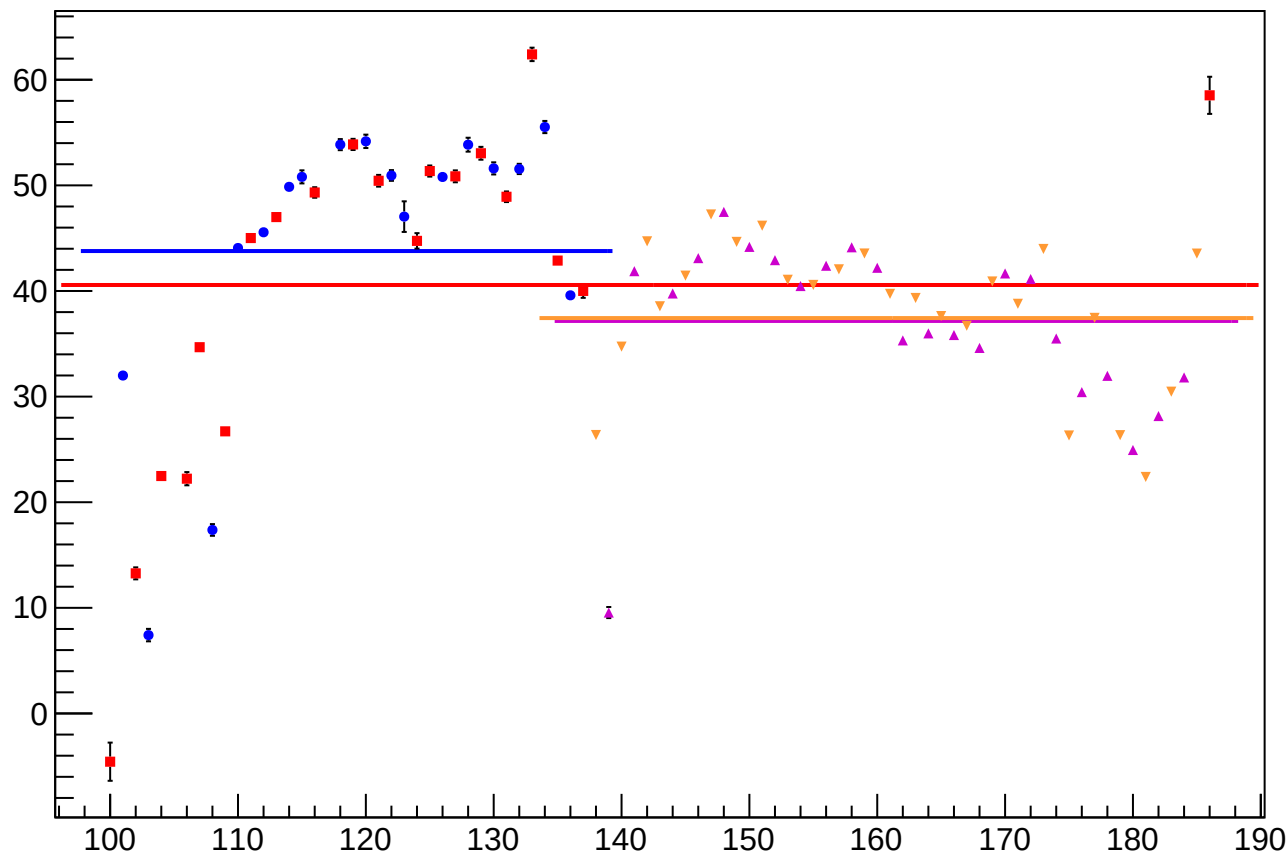
Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

+ sign -30.307 ± 0.049 $\chi^2/\text{NDF}: 89844.3/41$

All: -30.803 ± 0.035 $\chi^2/\text{NDF}: 178044.1/84$

- sign -31.292 ± 0.049 $\chi^2/\text{NDF}: 87996.6/42$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 ± 0.087 χ^2/NDF : 10638.7/16

Left Out: 37.435 ± 0.047 χ^2/NDF : 21517.4/24

Right Out: 40.568 ± 0.080 χ^2/NDF : 17685.2/19

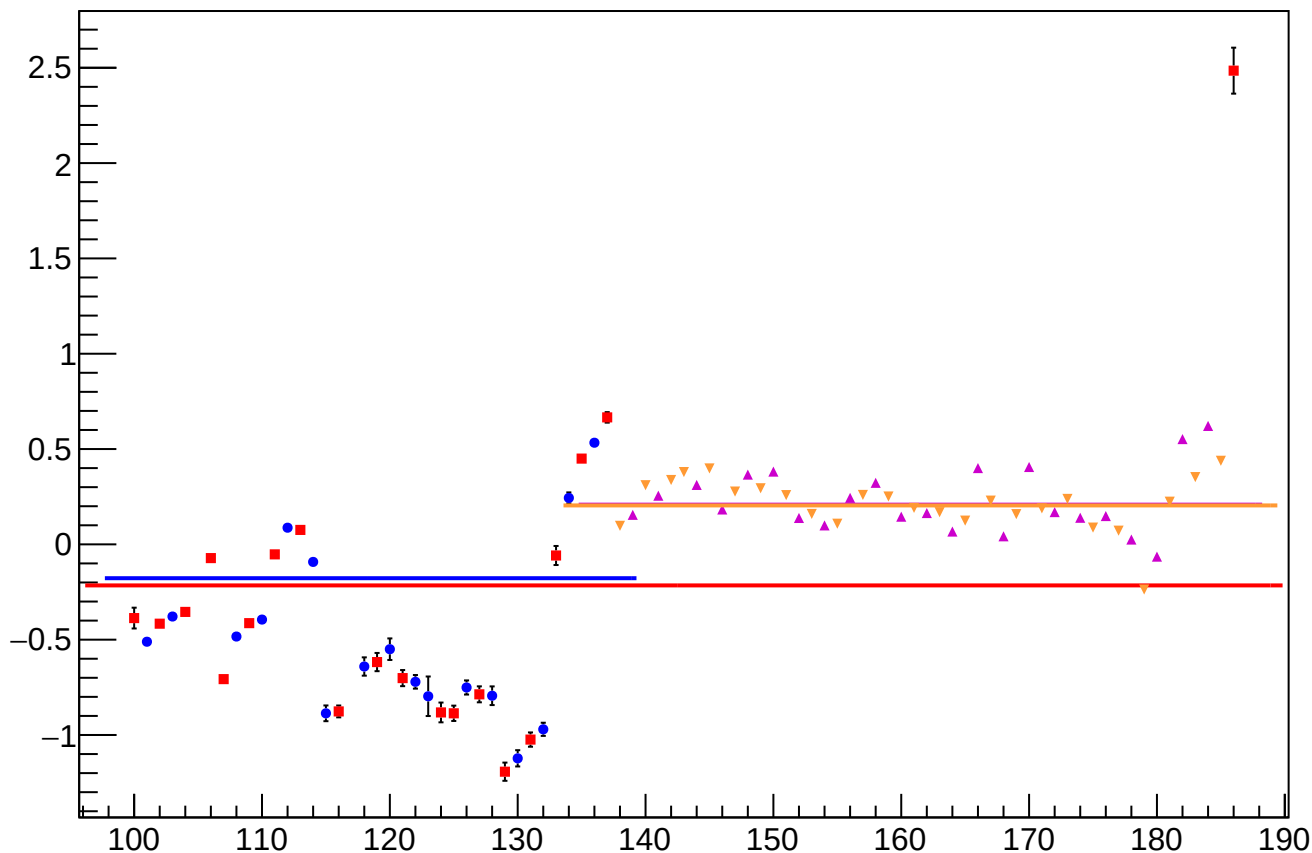
Left In: 37.164 ± 0.049 χ^2/NDF : 17427.3/22

+ sign 38.894 ± 0.042 χ^2/NDF : 36290.4/41

All: 38.497 ± 0.029 χ^2/NDF : 72899.2/84

- sign 38.094 ± 0.042 χ^2/NDF : 36424.9/42

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.204 ± 0.002 χ^2/NDF : 3801.8/24

Right Out: -0.215 ± 0.004 χ^2/NDF : 7972.1/19

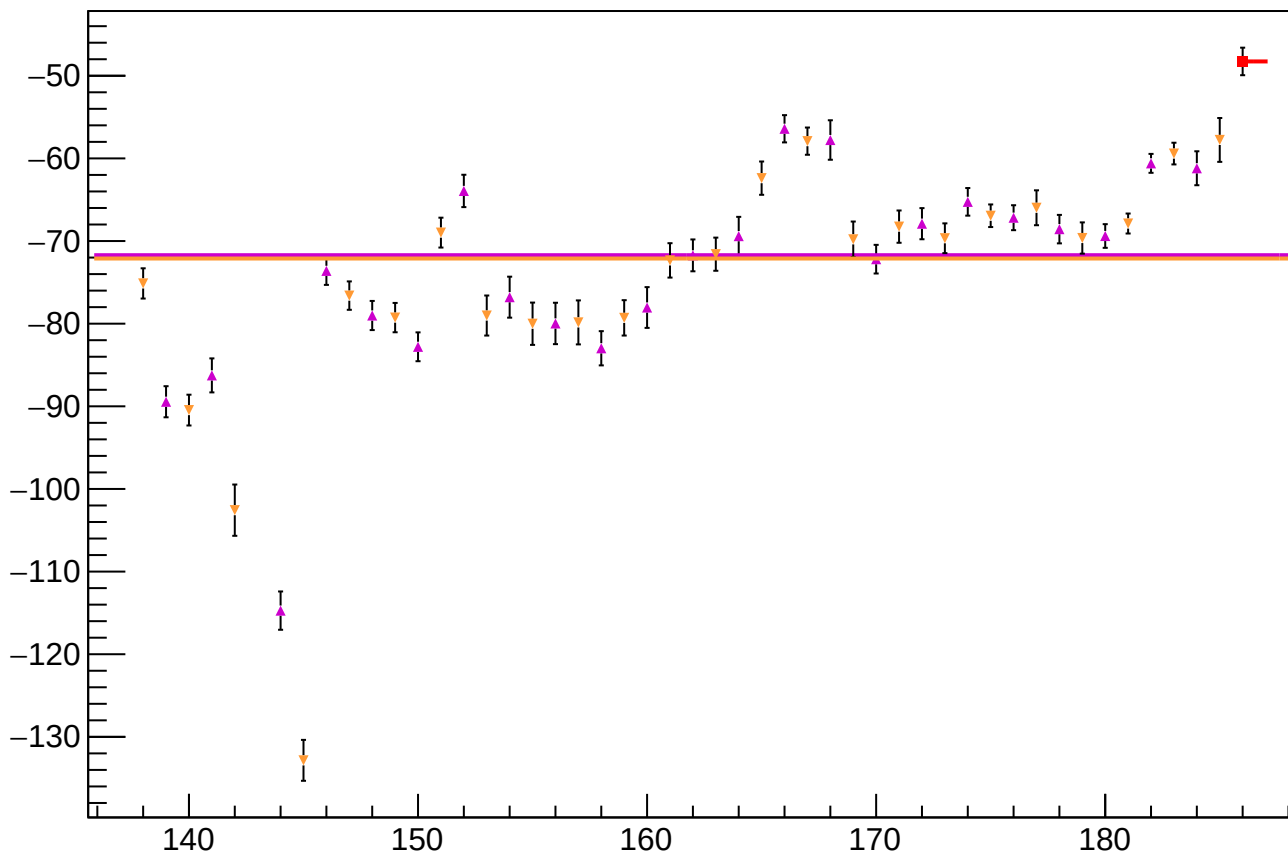
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.140 ± 0.002 χ^2/NDF : 16359.1/41

All: 0.129 ± 0.001 χ^2/NDF : 37132.8/84

- sign 0.118 ± 0.002 χ^2/NDF : 20713.6/42

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 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

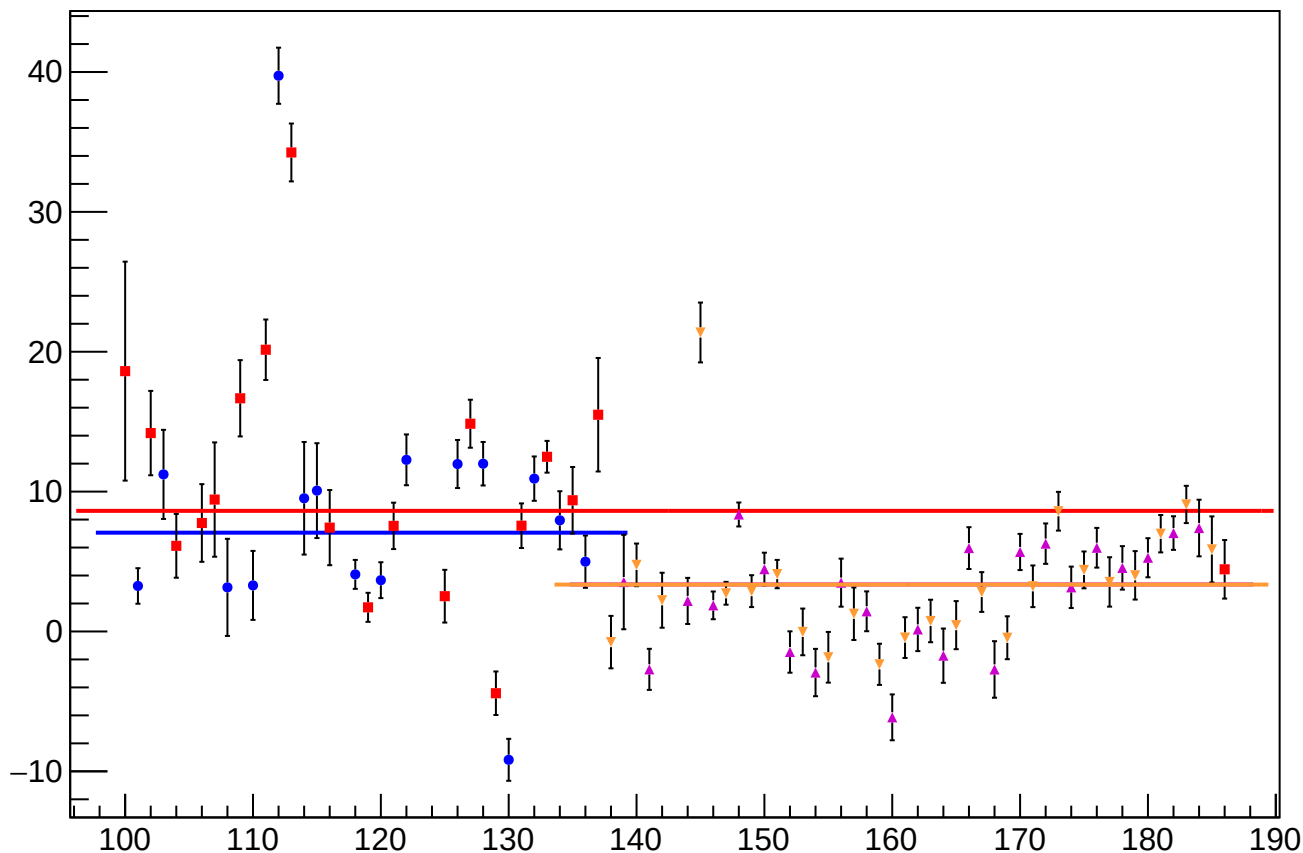
Left In: -71.713 ± 0.380 χ^2/NDF : 884.6/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -71.309 ± 0.266 χ^2/NDF : 2206.6/47

- sign -70.552 ± 0.371 χ^2/NDF : 1072.9/23

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 χ^2/NDF : 446.9/15

Left Out: 3.353 ± 0.295 χ^2/NDF : 167.8/23

Right Out: 8.623 ± 0.439 χ^2/NDF : 354.5/18

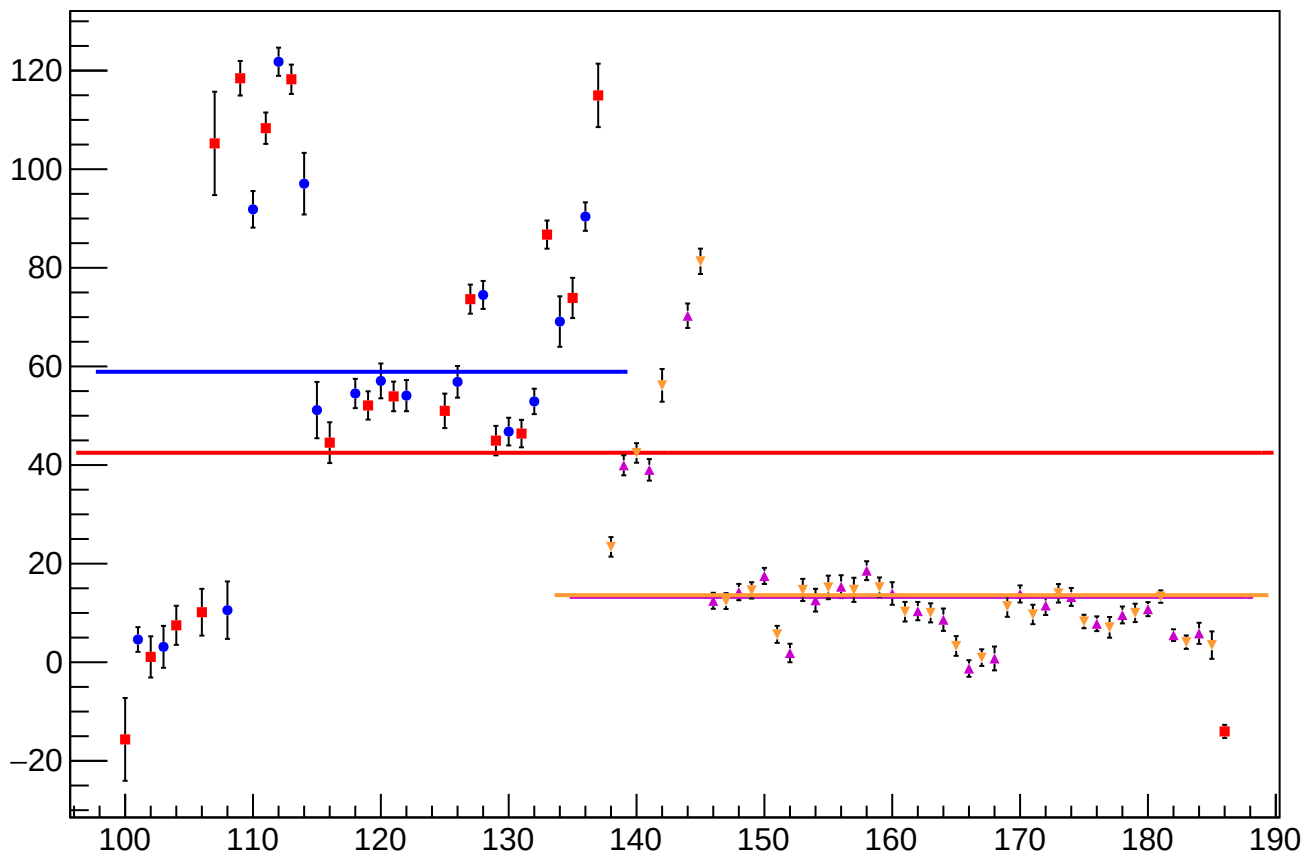
Left In: 3.360 ± 0.298 χ^2/NDF : 164.5/22

+ sign 4.525 ± 0.244 χ^2/NDF : 664.8/39

All: 4.768 ± 0.173 χ^2/NDF : 1284.4/81

- sign 5.017 ± 0.246 χ^2/NDF : 617.6/41

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 ± 0.831 $\chi^2/\text{NDF}: 1496.7/15$

Left Out: 13.610 ± 0.382 $\chi^2/\text{NDF}: 1303.3/23$

Right Out: 42.492 ± 0.711 $\chi^2/\text{NDF}: 4209.5/18$

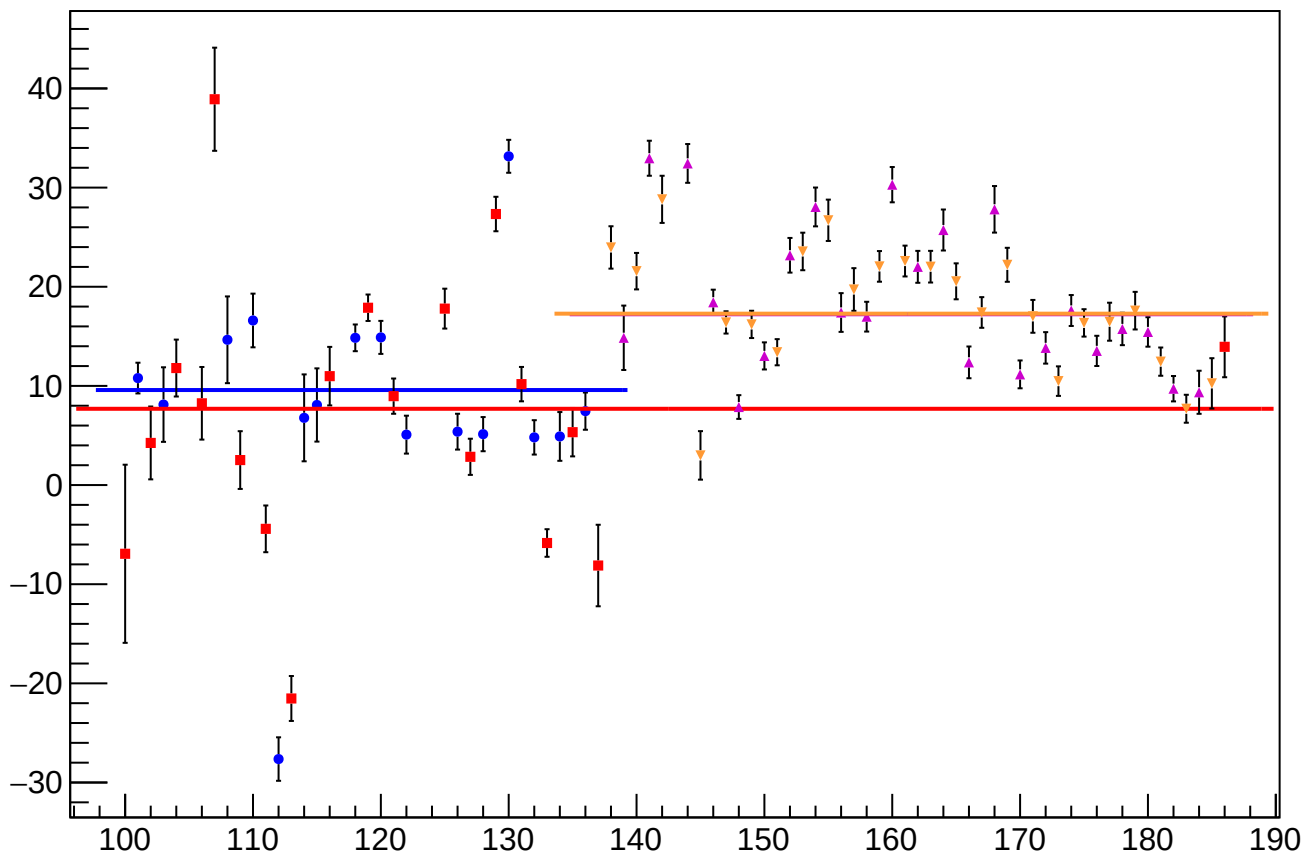
Left In: 13.262 ± 0.379 $\chi^2/\text{NDF}: 1077.0/22$

+ sign 21.497 ± 0.347 $\chi^2/\text{NDF}: 5252.2/39$

All: 20.570 ± 0.241 $\chi^2/\text{NDF}: 11867.9/81$

- sign 19.710 ± 0.334 $\chi^2/\text{NDF}: 6601.9/41$

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 17.285 ± 0.337 $\chi^2/\text{NDF}: 244.0/23$

Right Out: 7.692 ± 0.509 $\chi^2/\text{NDF}: 574.1/18$

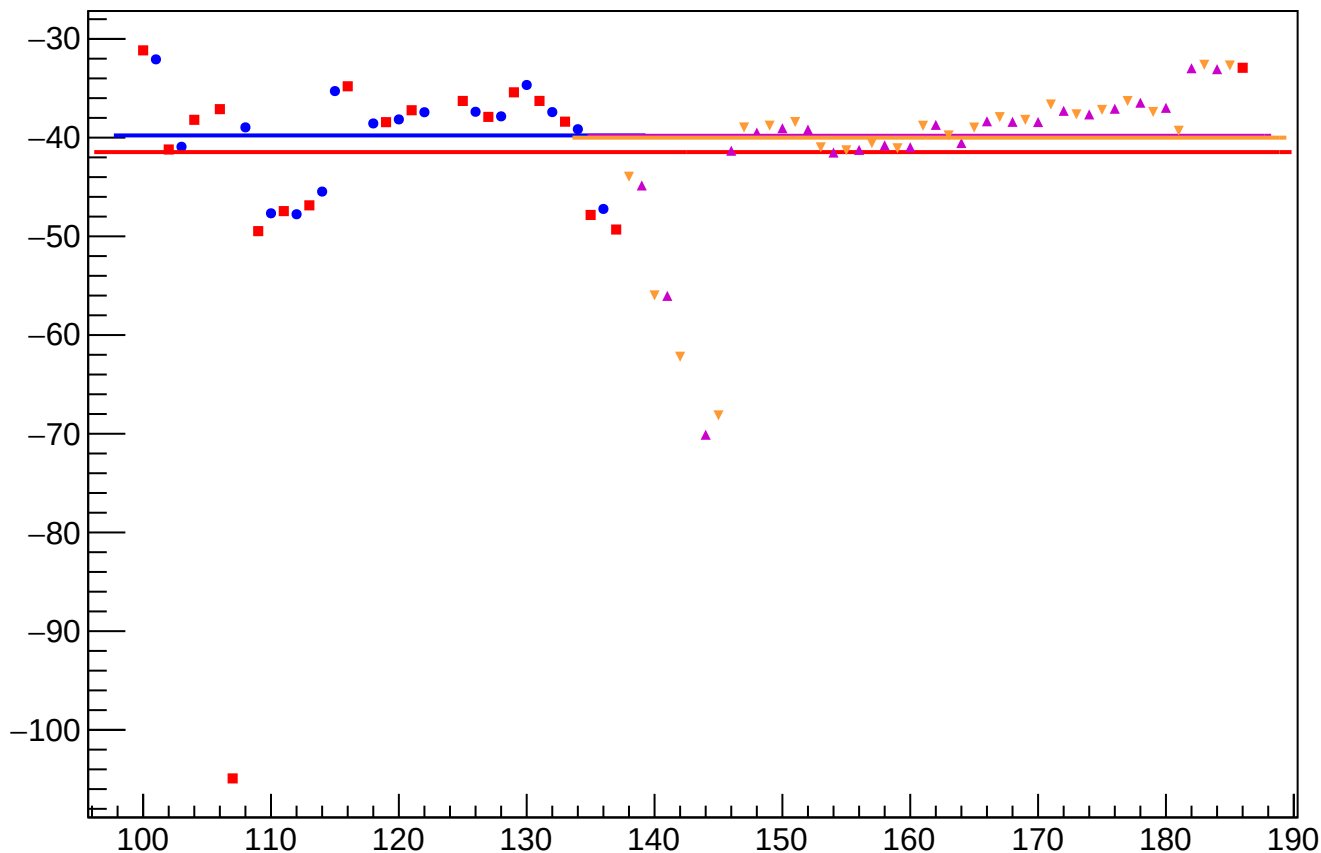
Left In: 17.224 ± 0.339 $\chi^2/\text{NDF}: 442.2/22$

+ sign 14.887 ± 0.280 $\chi^2/\text{NDF}: 961.1/39$

All: 14.594 ± 0.198 $\chi^2/\text{NDF}: 2223.0/81$

- sign 14.298 ± 0.282 $\chi^2/\text{NDF}: 1259.7/41$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -40.002 ± 0.016 χ^2/NDF : 172150.1/23

Right Out: -41.465 ± 0.031 χ^2/NDF : 96121.5/18

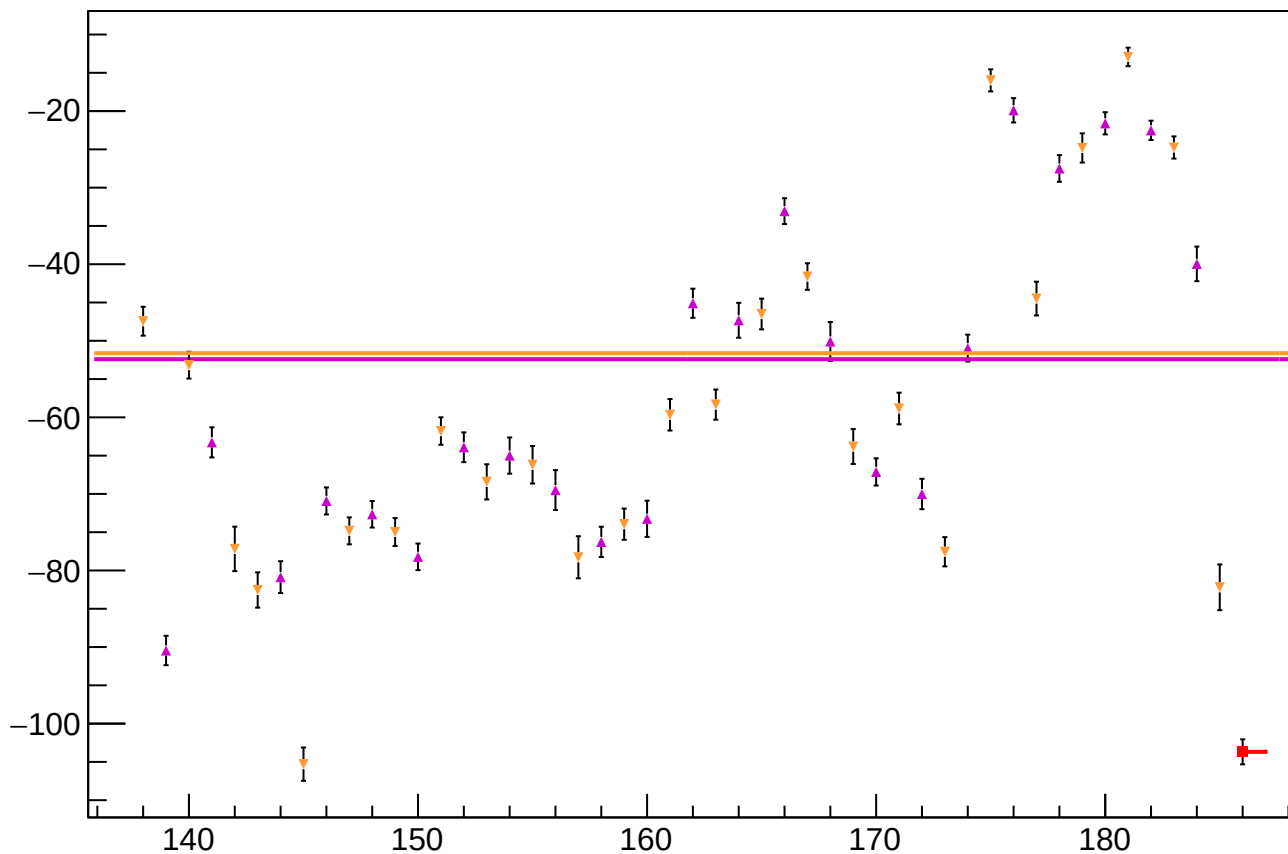
Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

+ sign -39.956 ± 0.014 χ^2/NDF : 198349.8/39

All: -40.053 ± 0.010 χ^2/NDF : 442641.9/81

- sign -40.149 ± 0.014 χ^2/NDF : 244196.7/41

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -51.622 $\pm$ 0.383 χ^2 /NDF: 4133.0/24

Right Out: -103.683 $\pm$ 1.632 χ^2 /NDF: 0.0/0

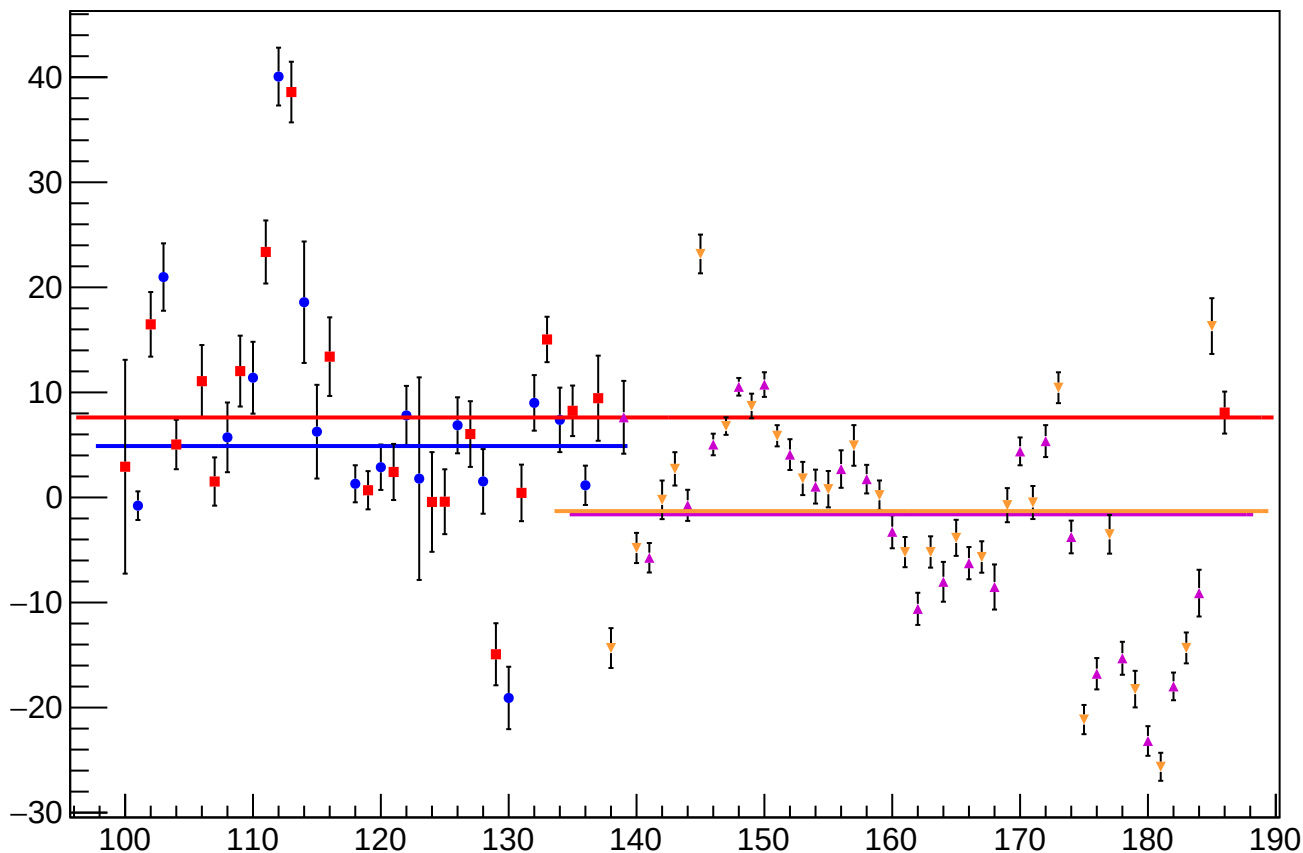
Left In: -52.409 $\pm$ 0.387 χ^2 /NDF: 3378.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -53.413 $\pm$ 0.269 χ^2 /NDF: 8489.6/48

- sign -55.143 $\pm$ 0.377 χ^2 /NDF: 4313.7/23

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 $\chi^2/\text{NDF}: 295.4/16$

Left Out: -1.300 ± 0.293 $\chi^2/\text{NDF}: 1315.7/24$

Right Out: 7.614 ± 0.619 $\chi^2/\text{NDF}: 270.2/19$

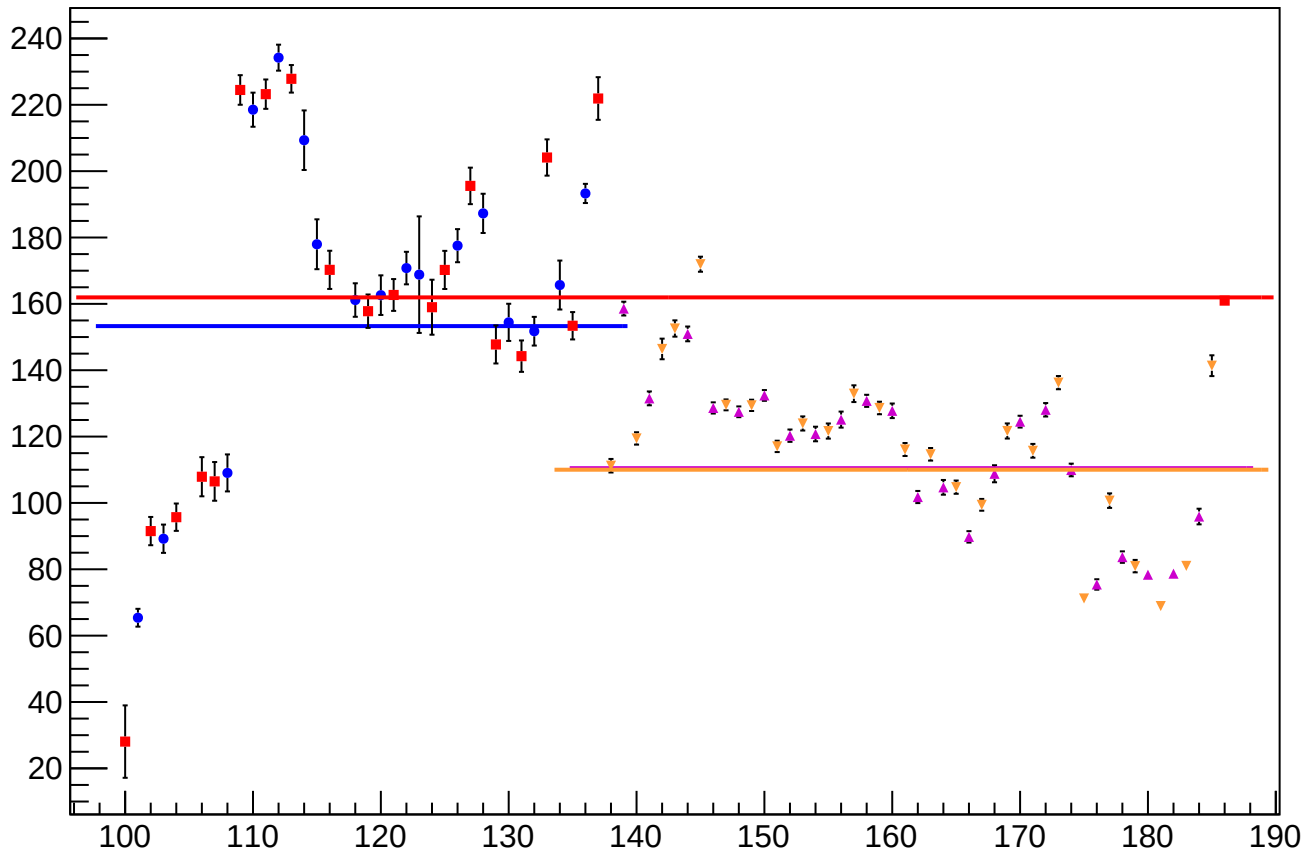
Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

+ sign -0.176 ± 0.265 $\chi^2/\text{NDF}: 1692.5/41$

All: -0.021 ± 0.189 $\chi^2/\text{NDF}: 3240.4/84$

- sign 0.140 ± 0.270 $\chi^2/\text{NDF}: 1547.2/42$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 110.012 $\pm$ 0.383 χ^2 /NDF: 4537.0/24

Right Out: 161.953 $\pm$ 0.874 χ^2 /NDF: 1709.7/19

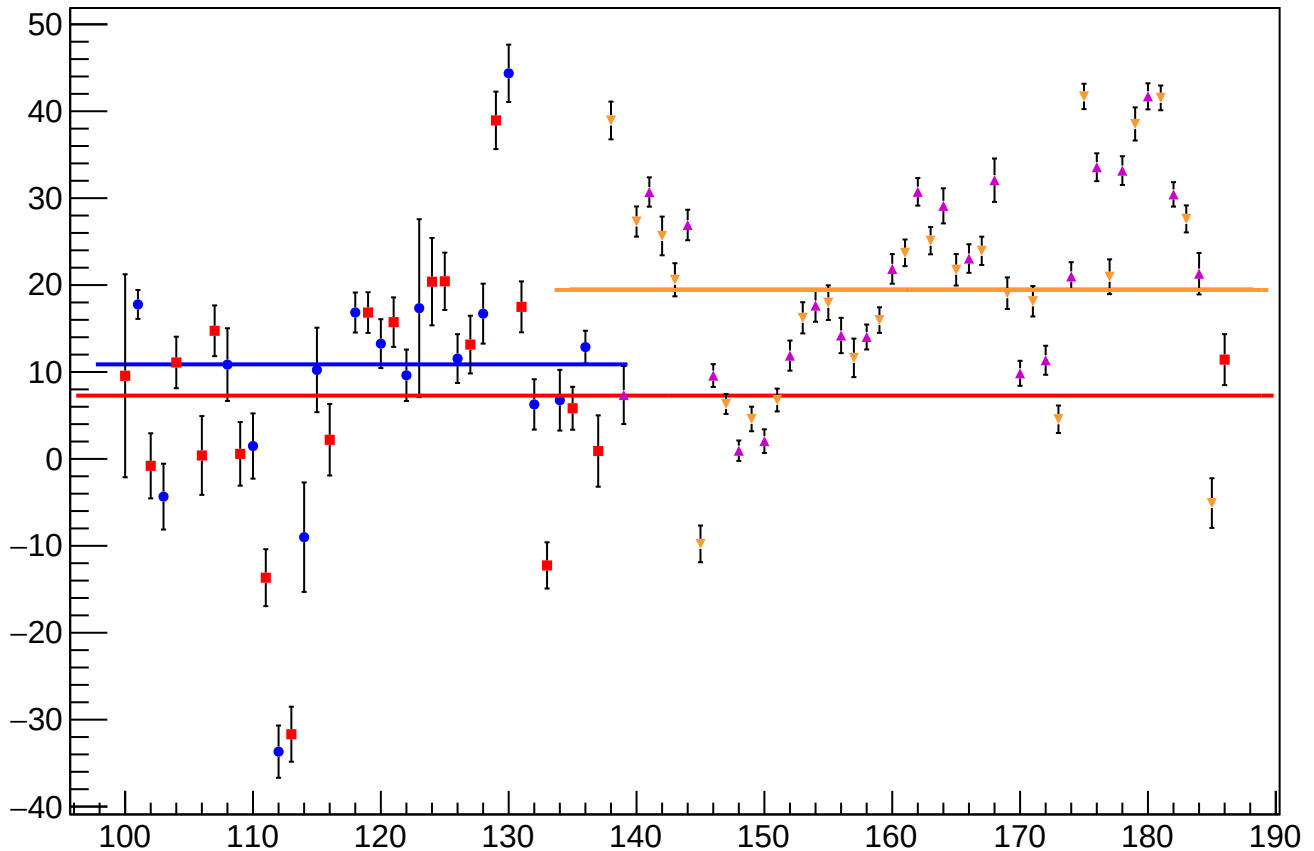
Left In: 110.482 $\pm$ 0.385 χ^2 /NDF: 3824.9/22

+ sign 114.365 $\pm$ 0.363 χ^2 /NDF: 8089.9/41

All: 116.671 $\pm$ 0.253 χ^2 /NDF: 16609.4/84

- sign 118.839 $\pm$ 0.352 χ^2 /NDF: 8441.2/42

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

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

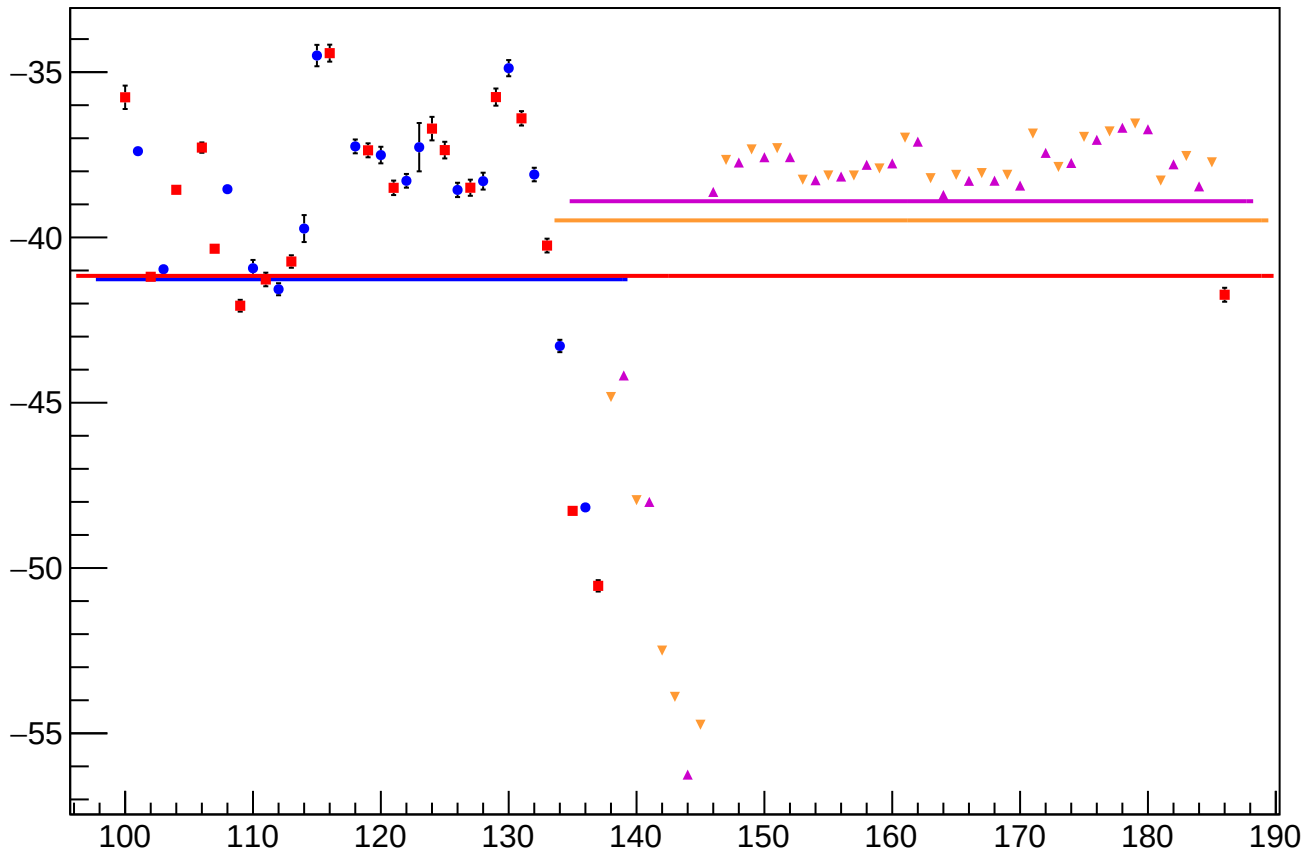
Left In: 19.472 $\pm$ 0.342 χ^2 /NDF:1188.2/22

+ sign 17.884 $\pm$ 0.304 χ^2 /NDF: 1958.2/41

All: 17.576 $\pm$ 0.217 χ^2 /NDF: 3806.5/84

- sign 17.257 $\pm$ 0.309 χ^2 /NDF: 1846.2/42

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 χ^2/NDF : 12570.1/16

Left Out: -39.484 ± 0.016 χ^2/NDF : 88877.3/24

Right Out: -41.163 ± 0.038 χ^2/NDF : 12226.3/19

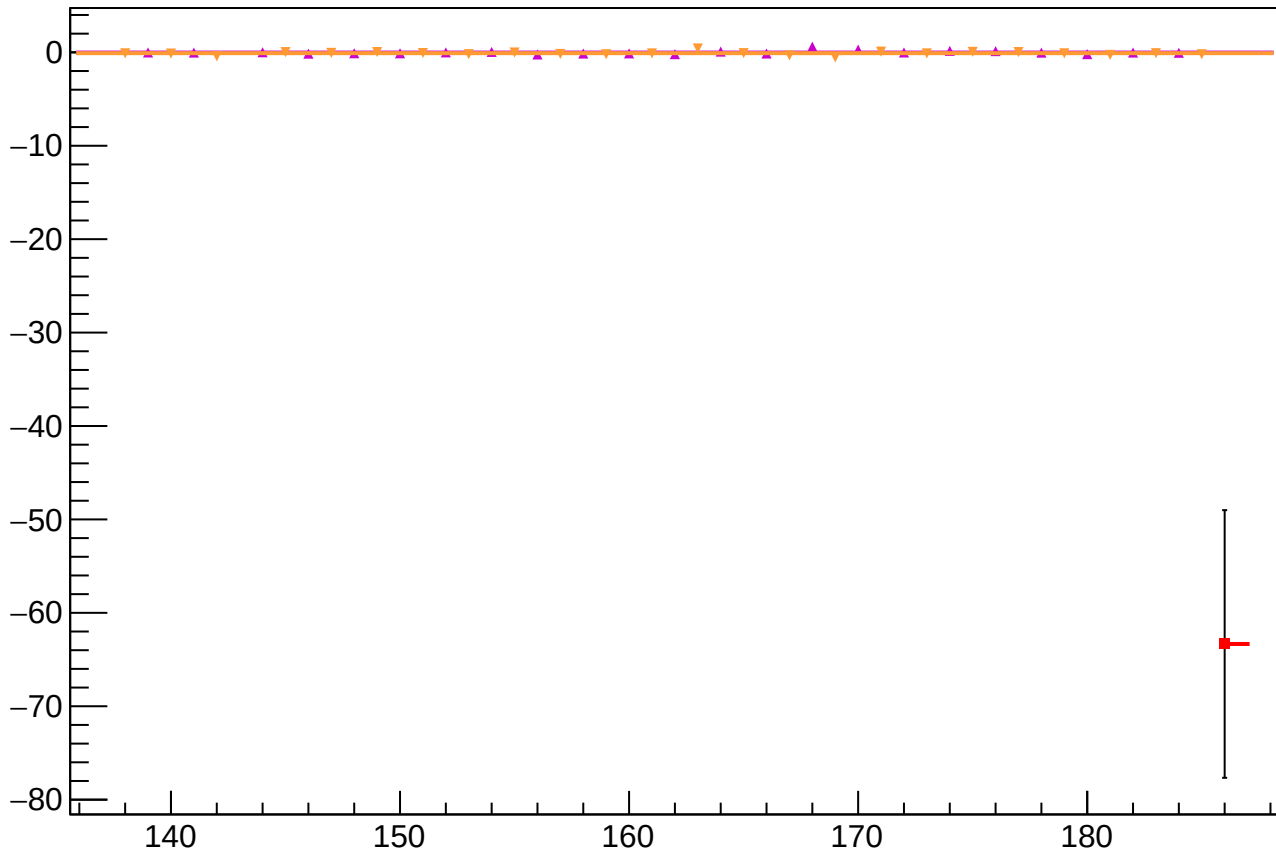
Left In: -38.905 ± 0.016 χ^2/NDF : 54282.7/22

+ sign -39.740 ± 0.015 χ^2/NDF : 103280.3/41

All: -39.489 ± 0.010 χ^2/NDF : 173394.8/84

- sign -39.238 ± 0.015 χ^2/NDF : 69521.5/42

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

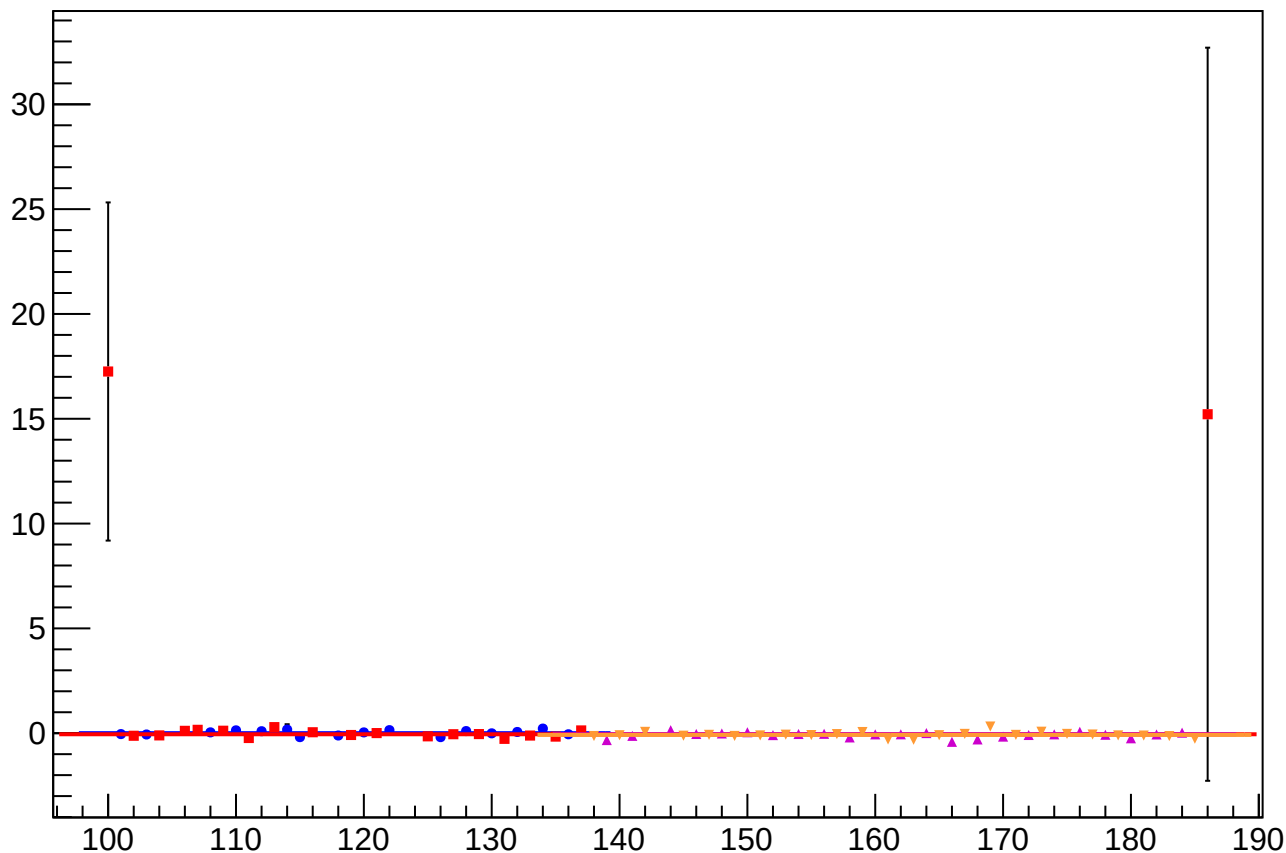
Left In: -0.026 $\pm$ 0.022 χ^2 /NDF: 32.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.057 $\pm$ 0.016 χ^2 /NDF: 95.9/47

- 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 : 12.5/15

Left Out: -0.081 ± 0.017 χ^2/NDF : 25.8/23

Right Out: -0.051 ± 0.029 χ^2/NDF : 26.6/18

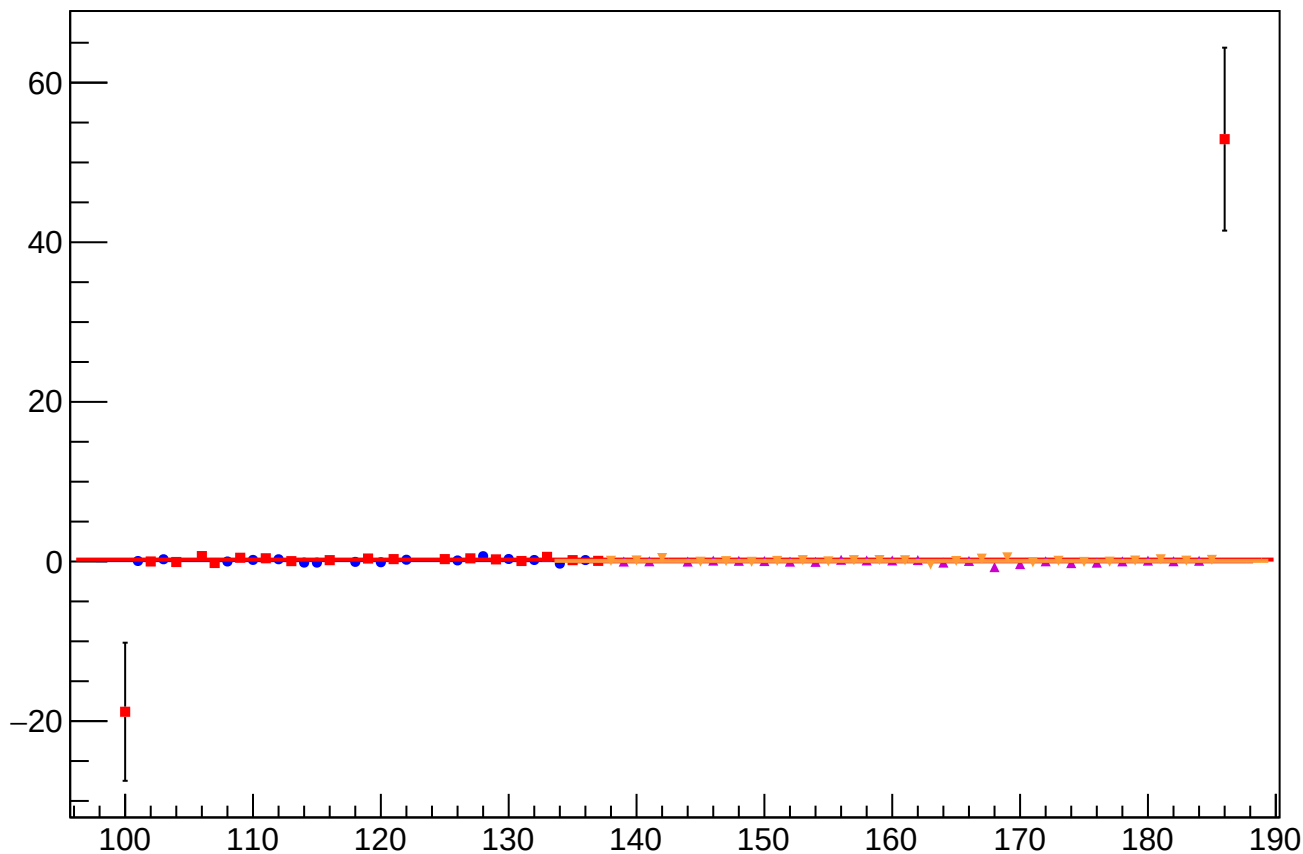
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 44.5/39

All: -0.056 ± 0.011 χ^2/NDF : 103.3/81

- sign -0.054 ± 0.015 χ^2/NDF : 58.8/41

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

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

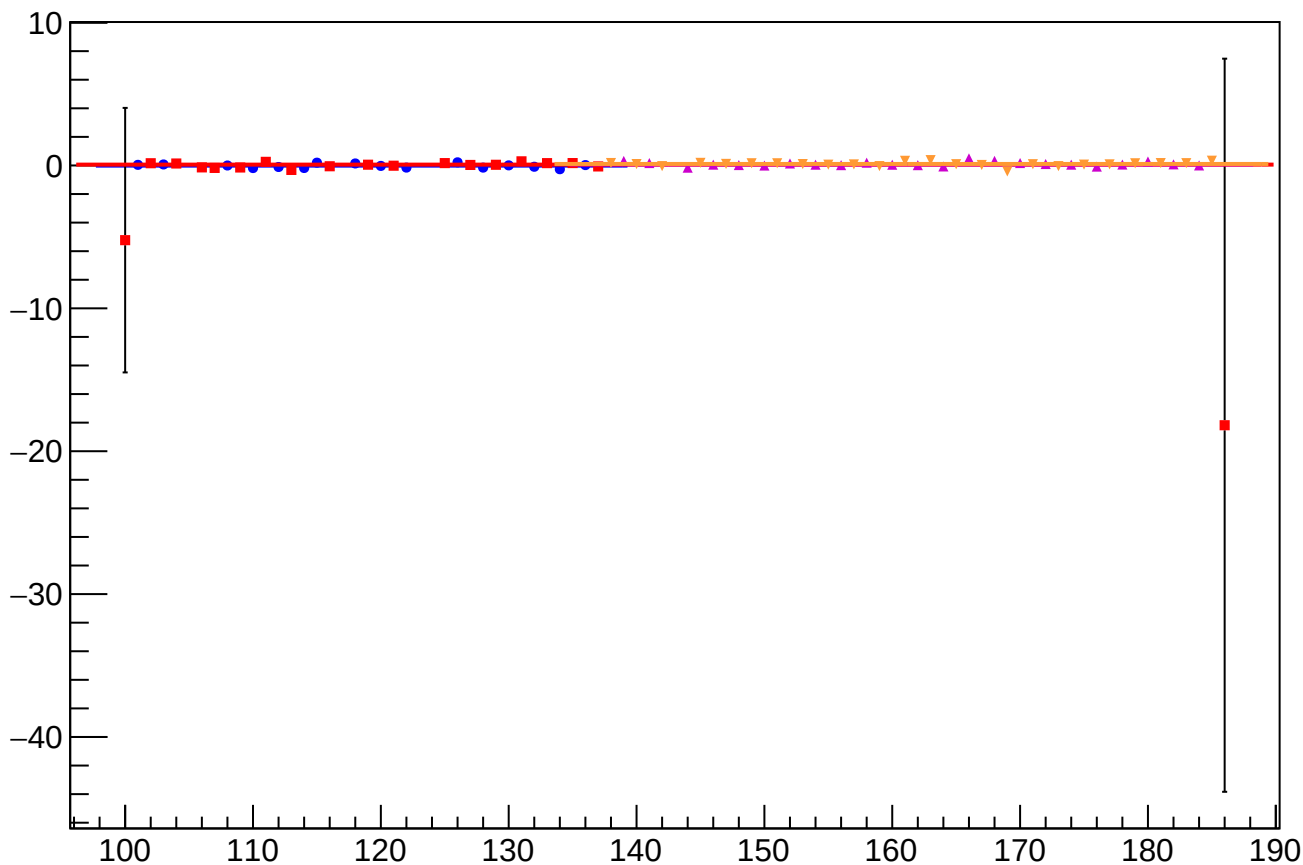
Left In: 0.020 $\pm$ 0.022 χ^2 /NDF:34.5/22

+ sign 0.095 $\pm$ 0.020 χ^2 /NDF: 54.8/39

All: 0.074 $\pm$ 0.014 χ^2 /NDF: 148.8/81

- 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 : 13.8/15

Left Out: 0.105 ± 0.020 χ^2/NDF : 29.5/23

Right Out: 0.059 ± 0.034 χ^2/NDF : 21.1/18

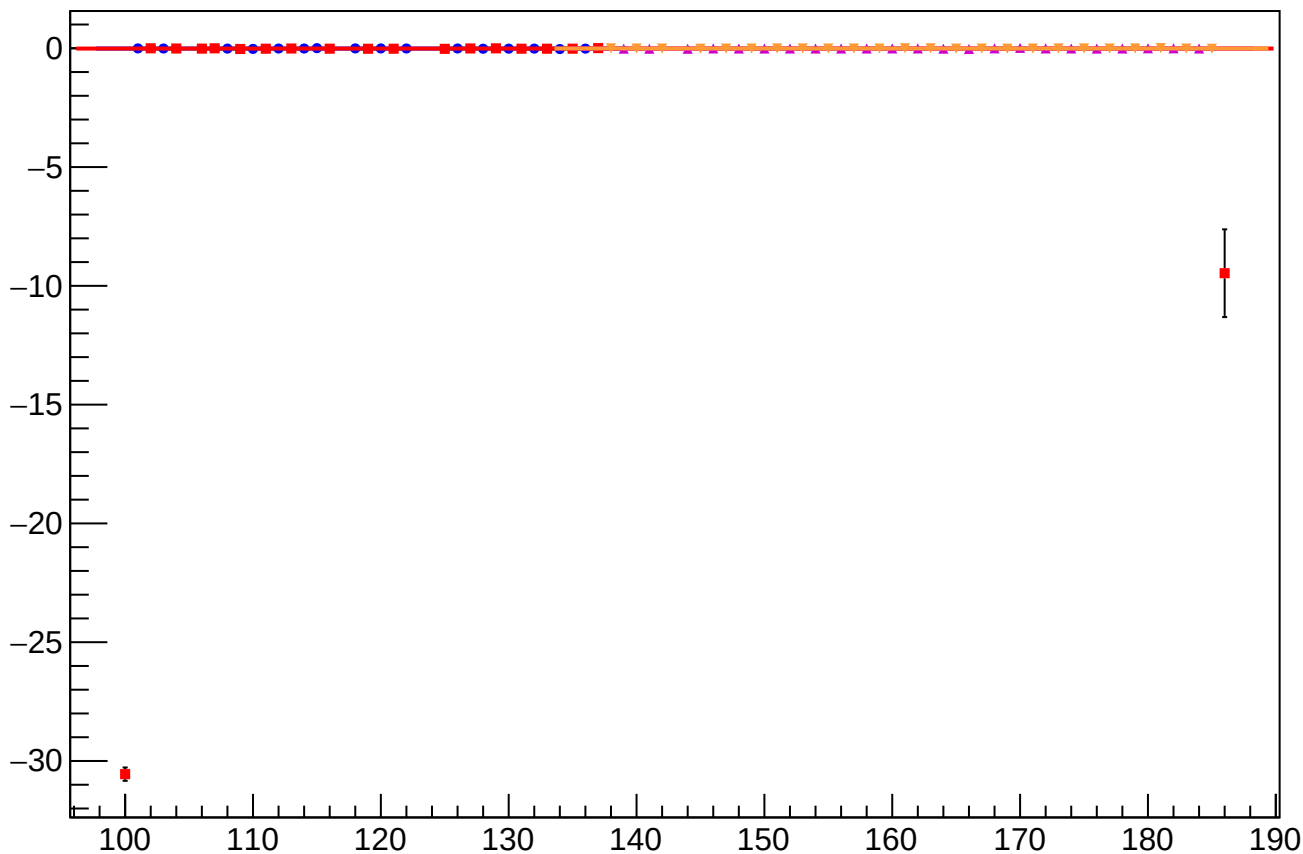
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 52.5/39

All: 0.071 ± 0.012 χ^2/NDF : 105.5/81

- sign 0.069 ± 0.017 χ^2/NDF : 52.9/41

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 30.7/23

Right Out: -0.012 ± 0.002 χ^2/NDF : 11917.7/18

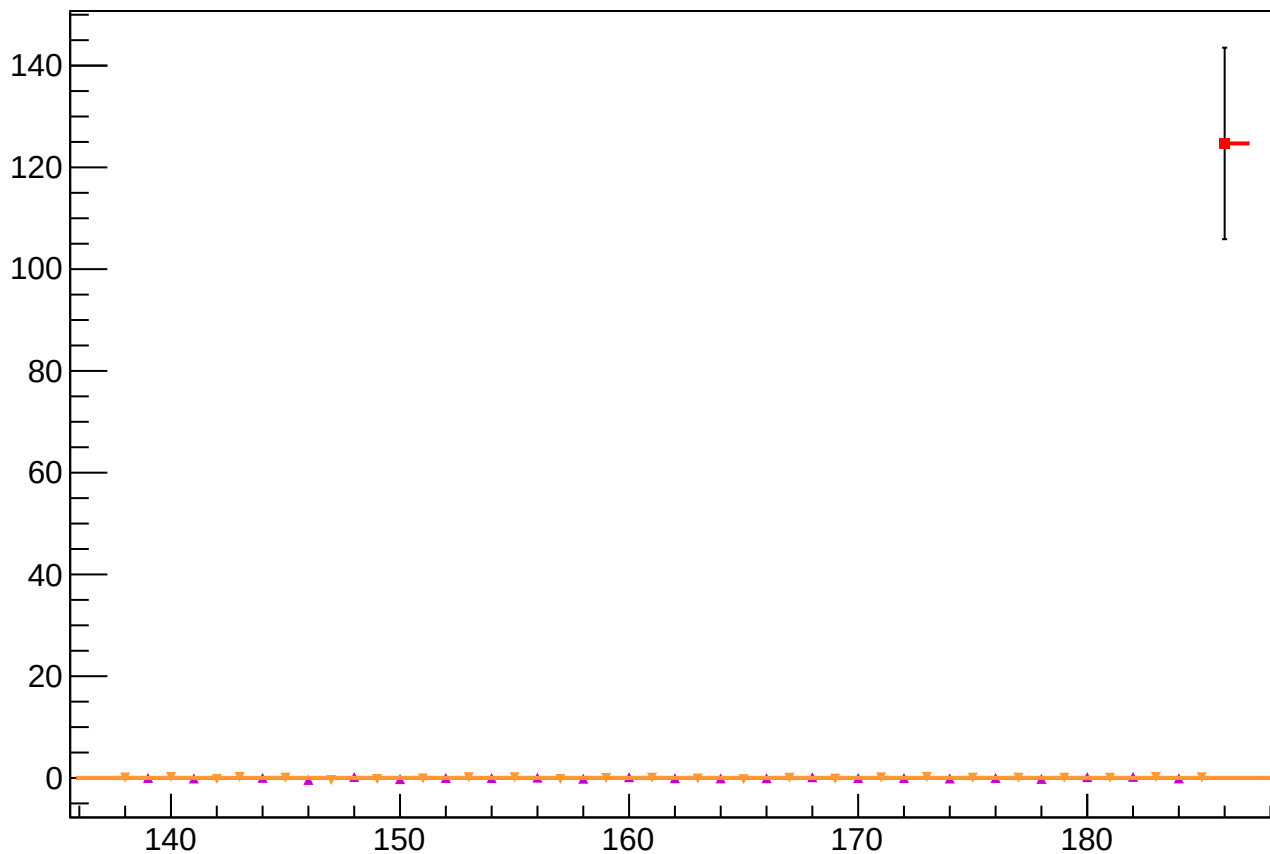
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 47.2/39

All: -0.009 ± 0.001 χ^2/NDF : 12010.1/81

- sign -0.009 ± 0.001 χ^2/NDF : 11962.5/41

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

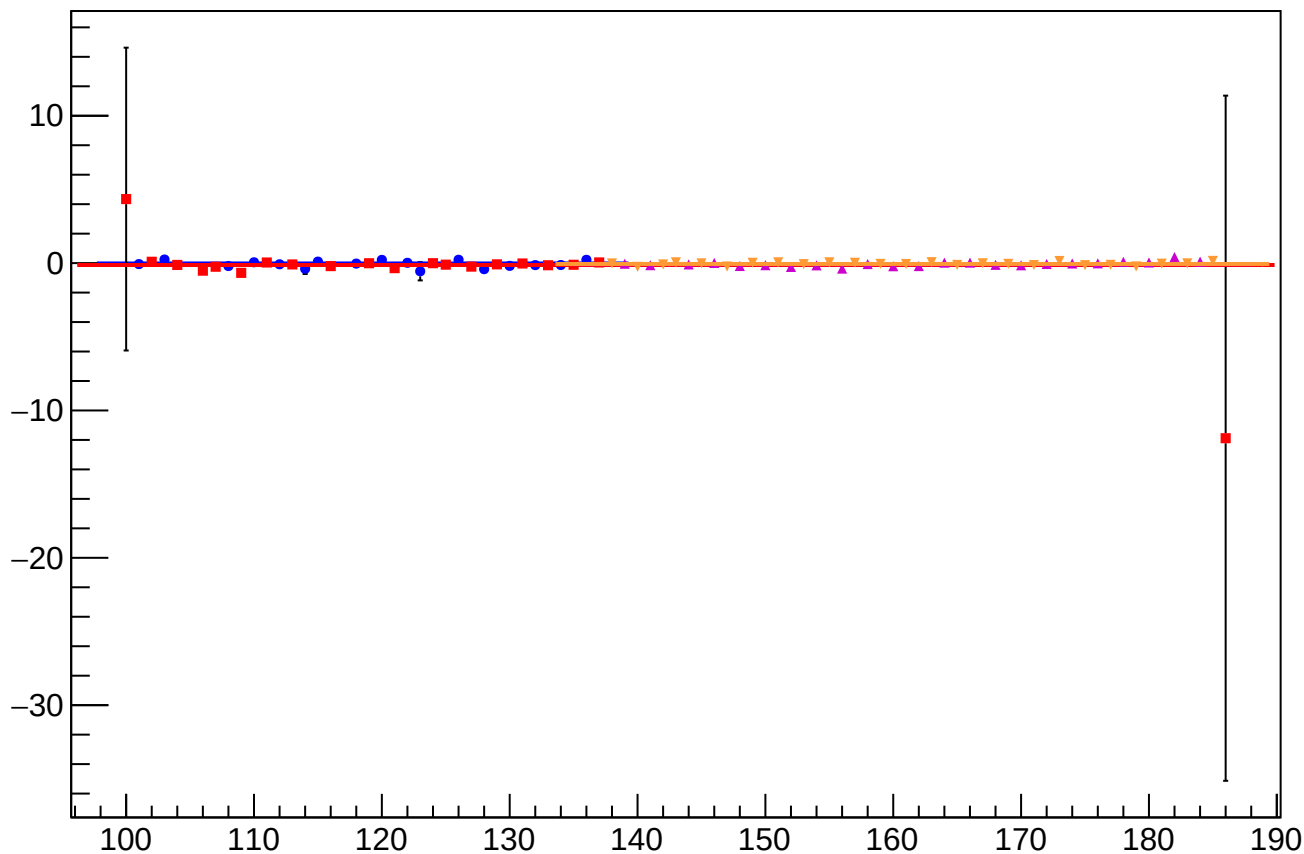
Left In: 0.004 $\pm$ 0.028 χ^2 /NDF: 28.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 101.3/48

- 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 : 23.4/16

Left Out: -0.058 ± 0.021 χ^2/NDF : 25.4/24

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.9/19

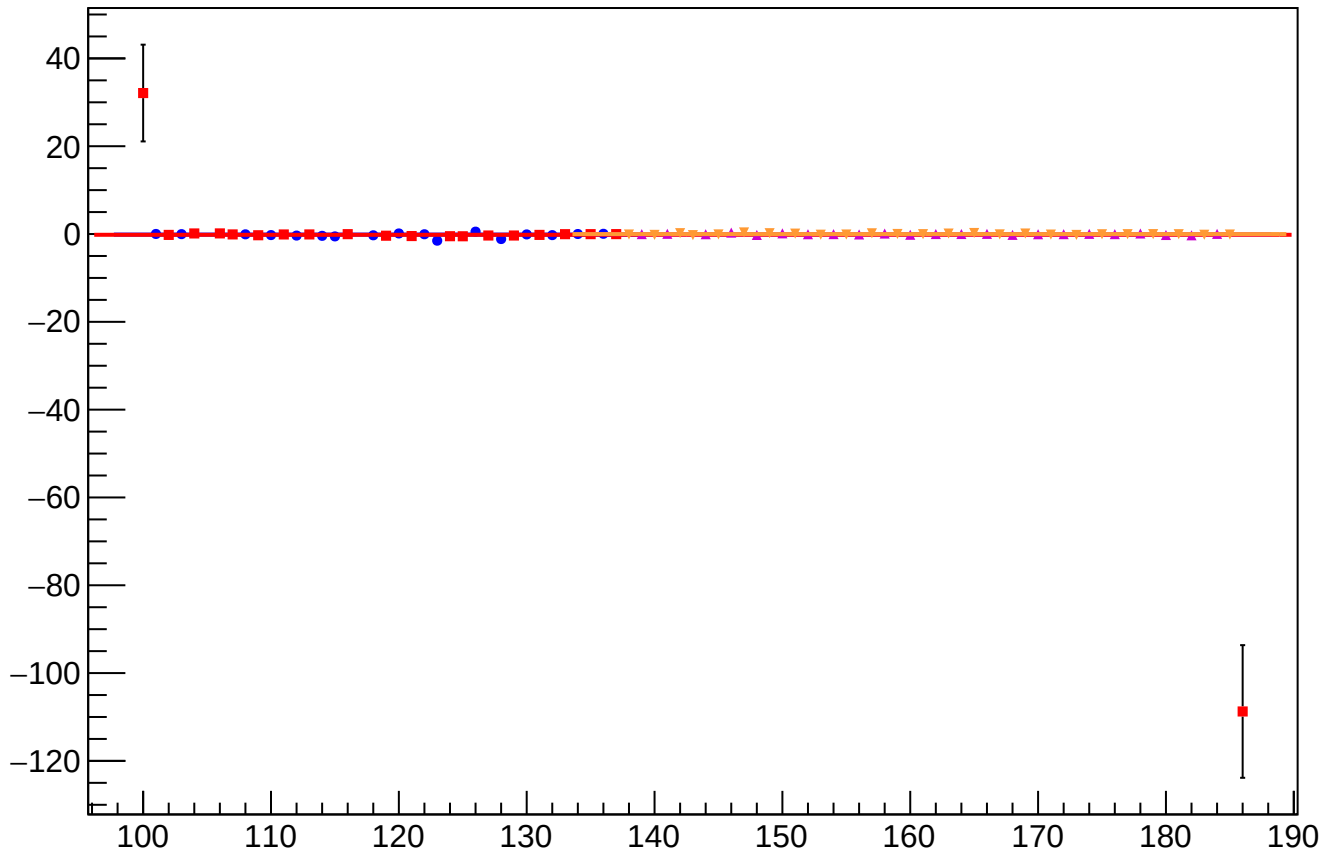
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 49.4/41

All: -0.066 ± 0.013 χ^2/NDF : 119.4/84

- sign -0.085 ± 0.019 χ^2/NDF : 68.2/42

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: -0.015 ± 0.027 χ^2/NDF : 27.0/24

Right Out: -0.174 ± 0.071 χ^2/NDF : 66.7/19

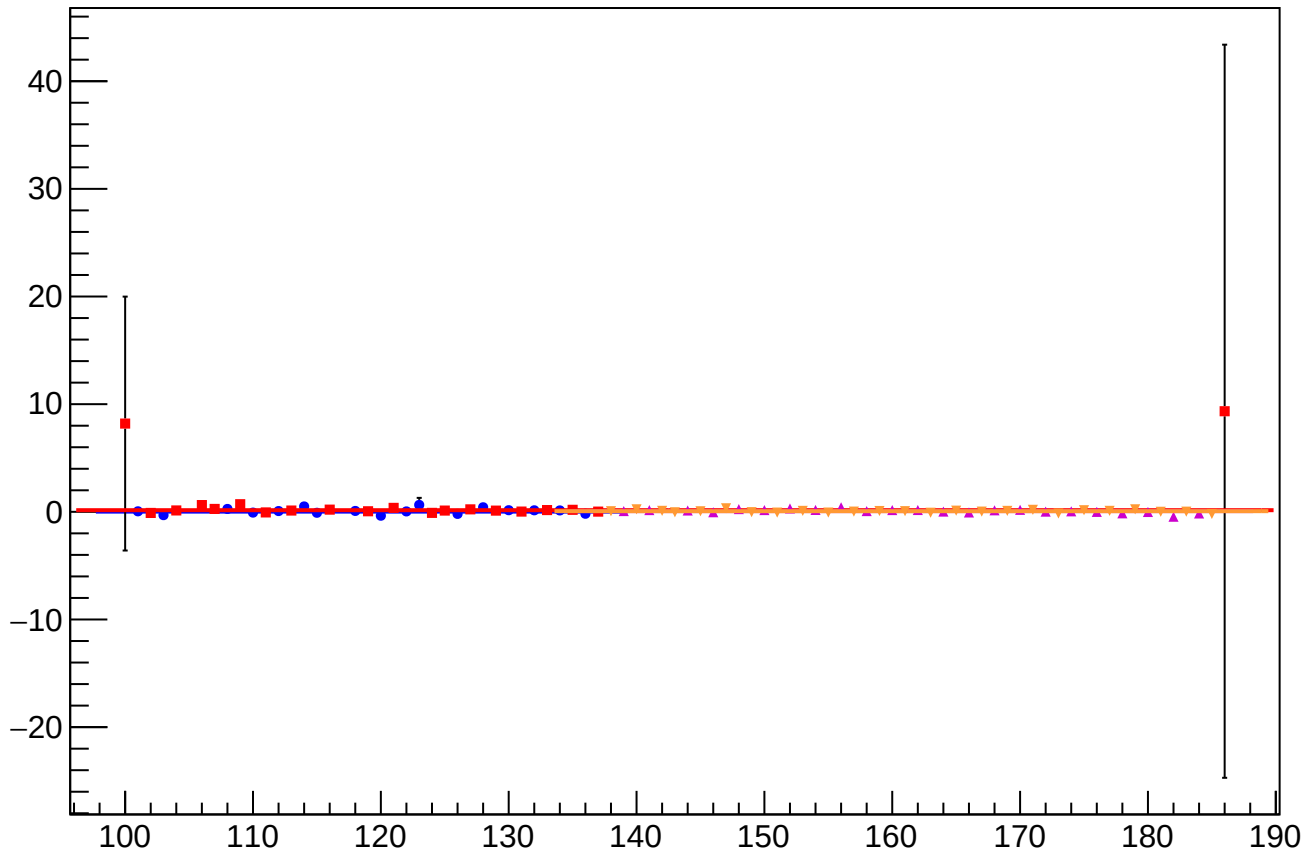
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 53.3/41

All: -0.042 ± 0.018 χ^2/NDF : 151.4/84

- 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: 22.5/16

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

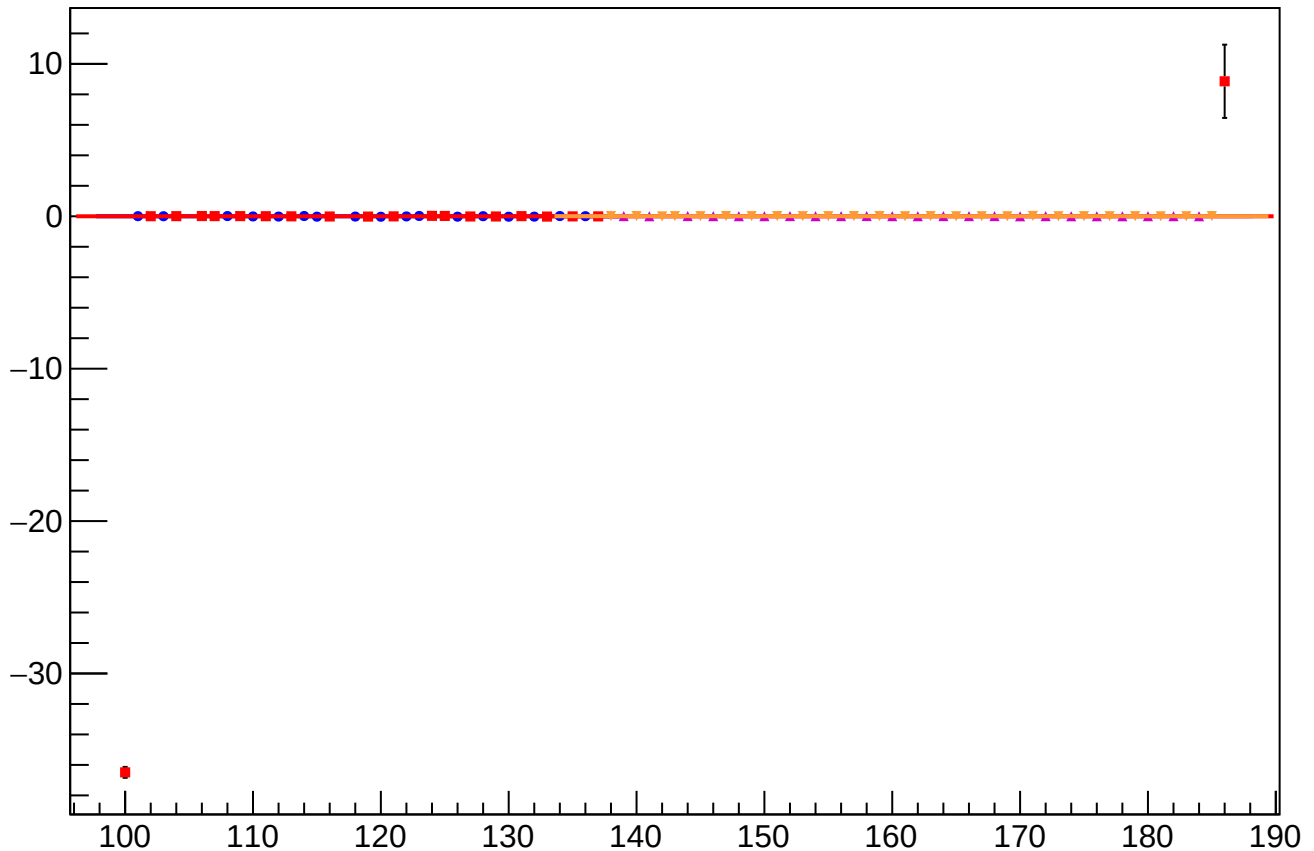
Left In: 0.069 $\pm$ 0.025 χ^2 /NDF:51.4/22

+ sign 0.052 $\pm$ 0.021 χ^2 /NDF: 48.2/41

All: 0.069 $\pm$ 0.015 χ^2 /NDF: 120.0/84

- sign 0.088 $\pm$ 0.022 χ^2 /NDF: 70.3/42

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 ± 0.002 χ^2/NDF : 32.4/16

Left Out: 0.008 ± 0.001 χ^2/NDF : 25.9/24

Right Out: 0.001 ± 0.002 χ^2/NDF : 10462.7/19

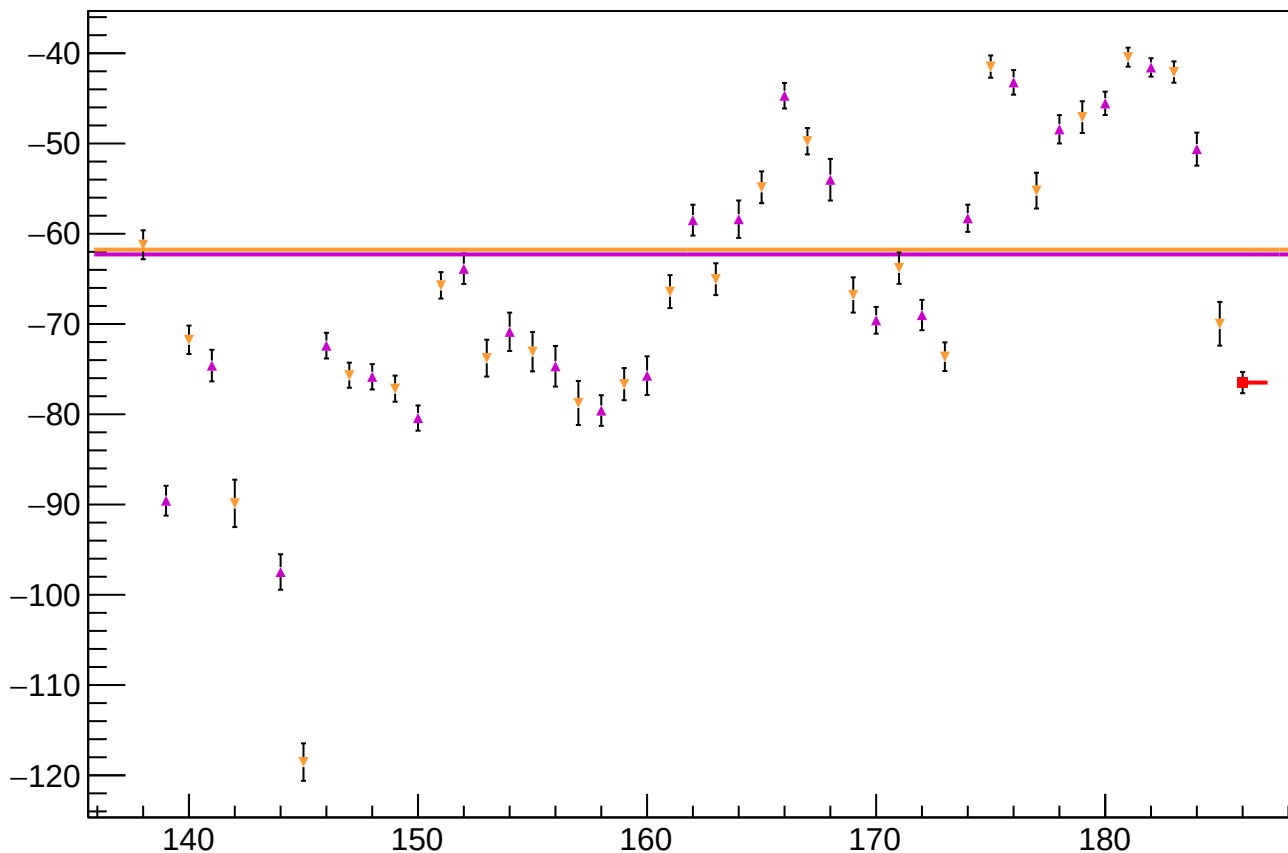
Left In: 0.009 ± 0.001 χ^2/NDF : 15.8/22

+ sign 0.007 ± 0.001 χ^2/NDF : 66.5/41

All: 0.007 ± 0.001 χ^2/NDF : 10555.4/84

- sign 0.008 ± 0.001 χ^2/NDF : 10488.7/42

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -61.756 ± 0.334 χ^2/NDF : 2509.2/23

Right Out: -76.488 ± 1.179 χ^2/NDF : 0.0/0

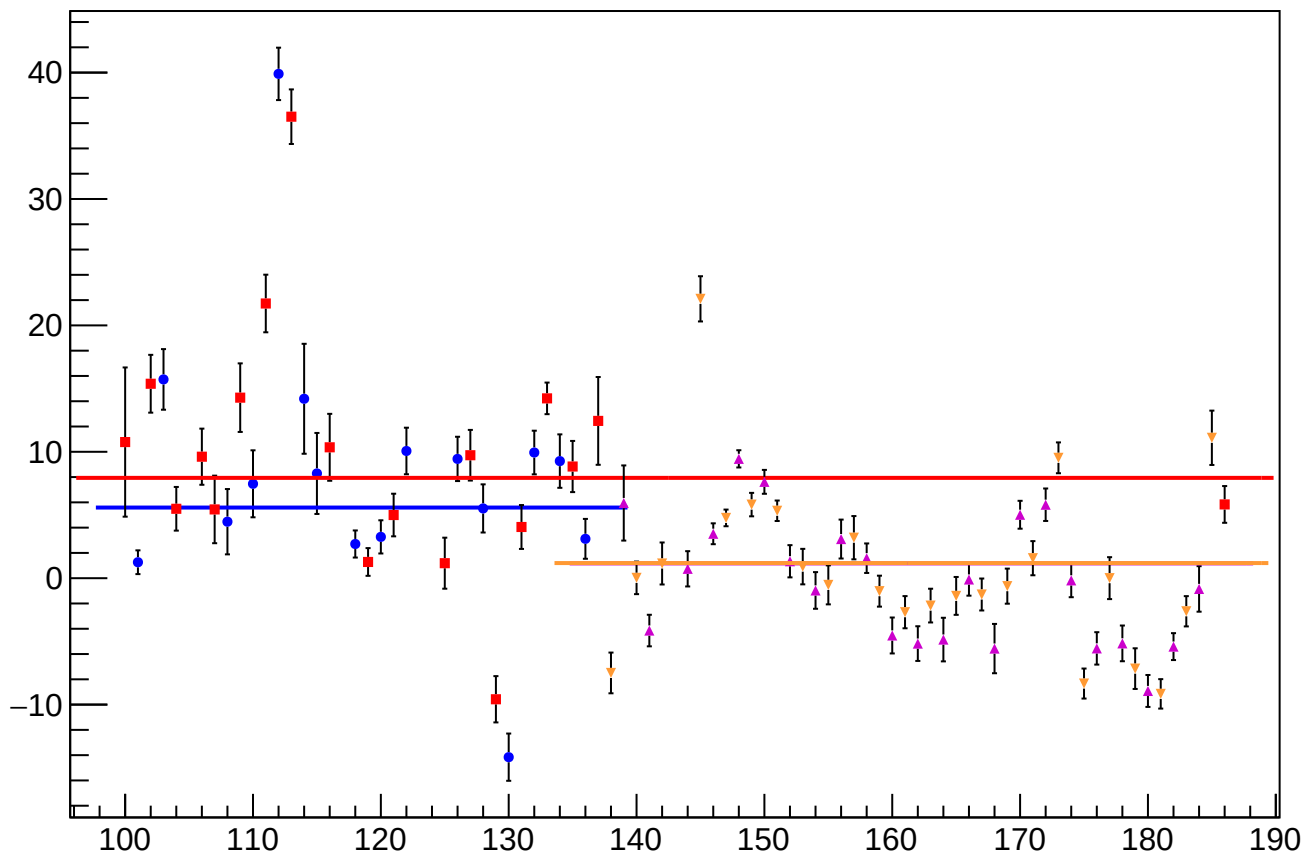
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -62.579 ± 0.231 χ^2/NDF : 4920.4/47

- sign -63.329 ± 0.319 χ^2/NDF : 2399.5/23

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 ± 0.424 $\chi^2/\text{NDF}: 462.8/15$

Left Out: 1.197 ± 0.252 $\chi^2/\text{NDF}: 526.1/23$

Right Out: 7.937 ± 0.433 $\chi^2/\text{NDF}: 410.0/18$

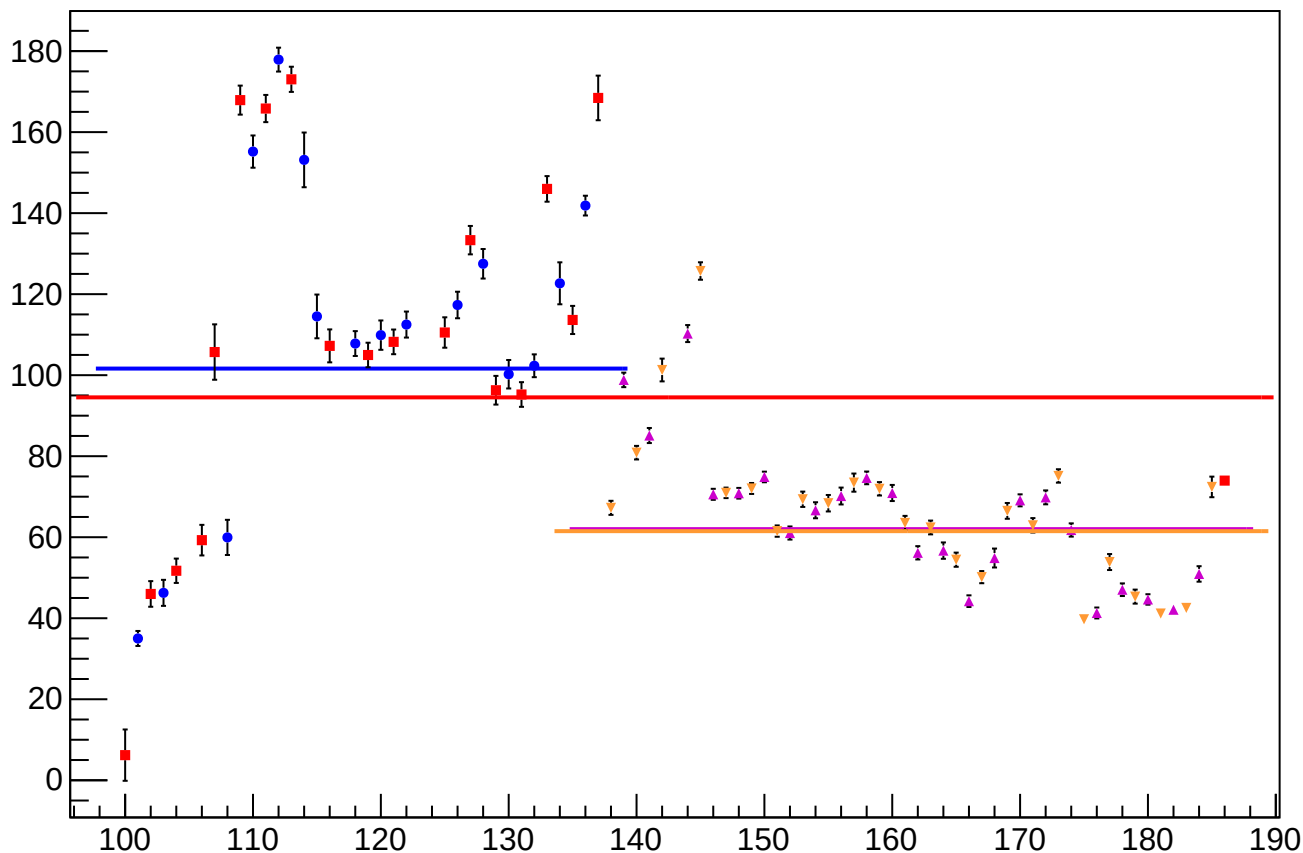
Left In: 1.171 ± 0.255 $\chi^2/\text{NDF}: 466.2/22$

+ sign 2.349 ± 0.217 $\chi^2/\text{NDF}: 1068.2/39$

All: 2.626 ± 0.154 $\chi^2/\text{NDF}: 2129.2/81$

- sign 2.910 ± 0.220 $\chi^2/\text{NDF}: 1057.6/41$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

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

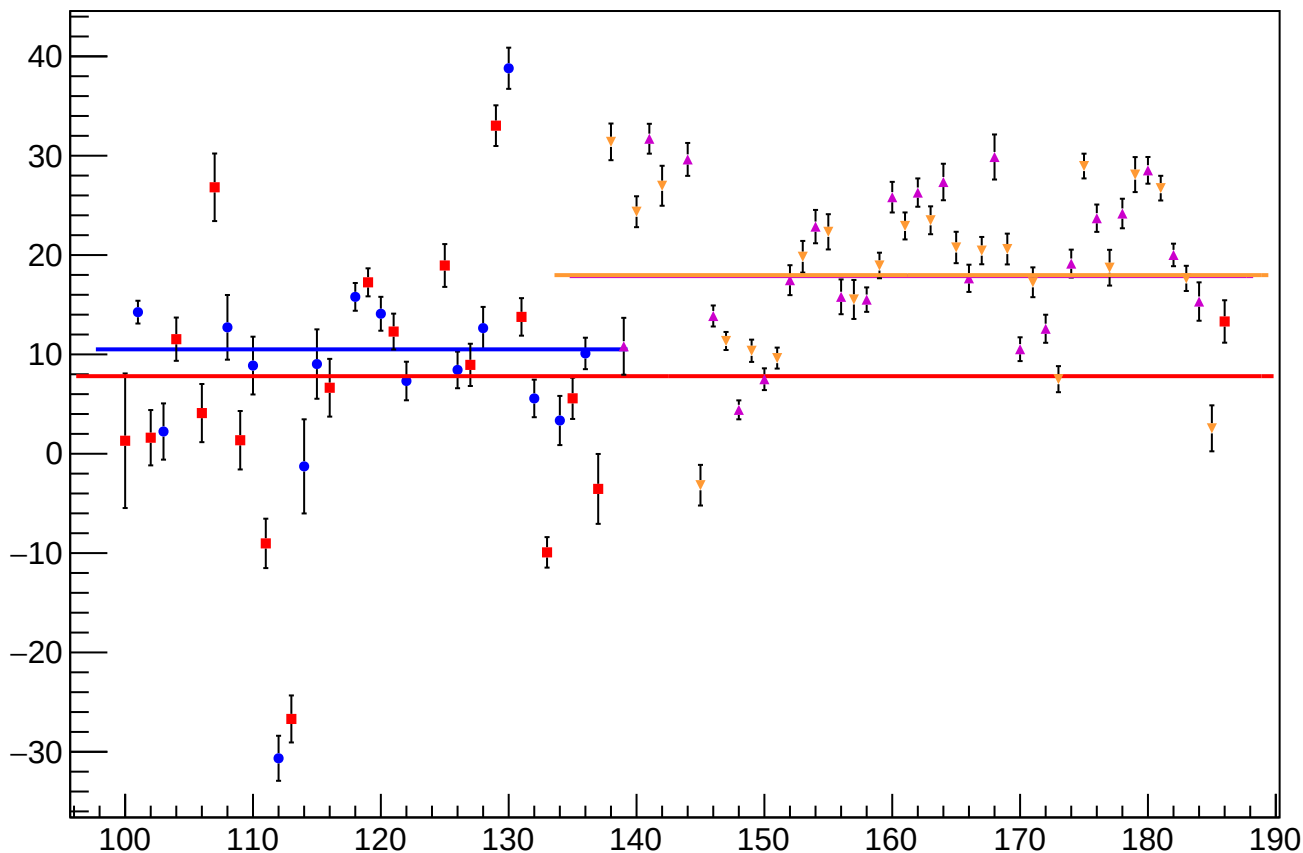
Left In: 61.995 $\pm$ 0.329 χ^2 /NDF: 2517.6/22

+ sign 67.315 $\pm$ 0.307 χ^2 /NDF: 7704.2/39

All: 68.229 $\pm$ 0.211 χ^2 /NDF: 15726.6/81

- sign 69.051 $\pm$ 0.291 χ^2 /NDF: 8005.6/41

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 ± 0.492 χ^2/NDF : 581.5/15

Left Out: 17.979 ± 0.291 χ^2/NDF : 674.8/23

Right Out: 7.808 ± 0.509 χ^2/NDF : 696.4/18

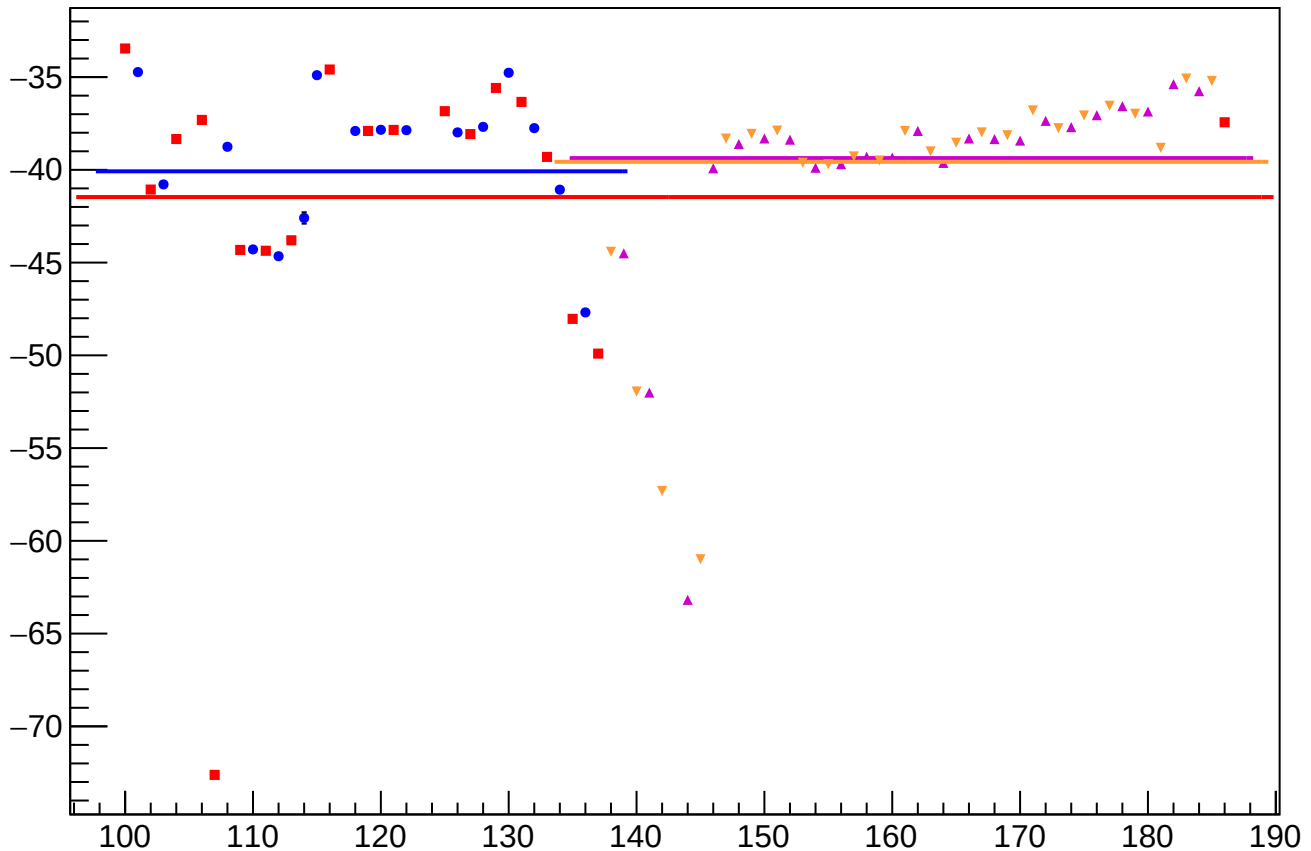
Left In: 17.881 ± 0.292 χ^2/NDF : 730.9/22

+ sign 16.045 ± 0.250 χ^2/NDF : 1427.2/39

All: 15.722 ± 0.178 χ^2/NDF : 3152.7/81

- sign 15.391 ± 0.253 χ^2/NDF : 1722.2/41

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 $\chi^2/\text{NDF}: 25123.9/15$

Left Out: -39.567 ± 0.014 $\chi^2/\text{NDF}: 141152.0/23$

Right Out: -41.467 ± 0.028 $\chi^2/\text{NDF}: 62510.1/18$

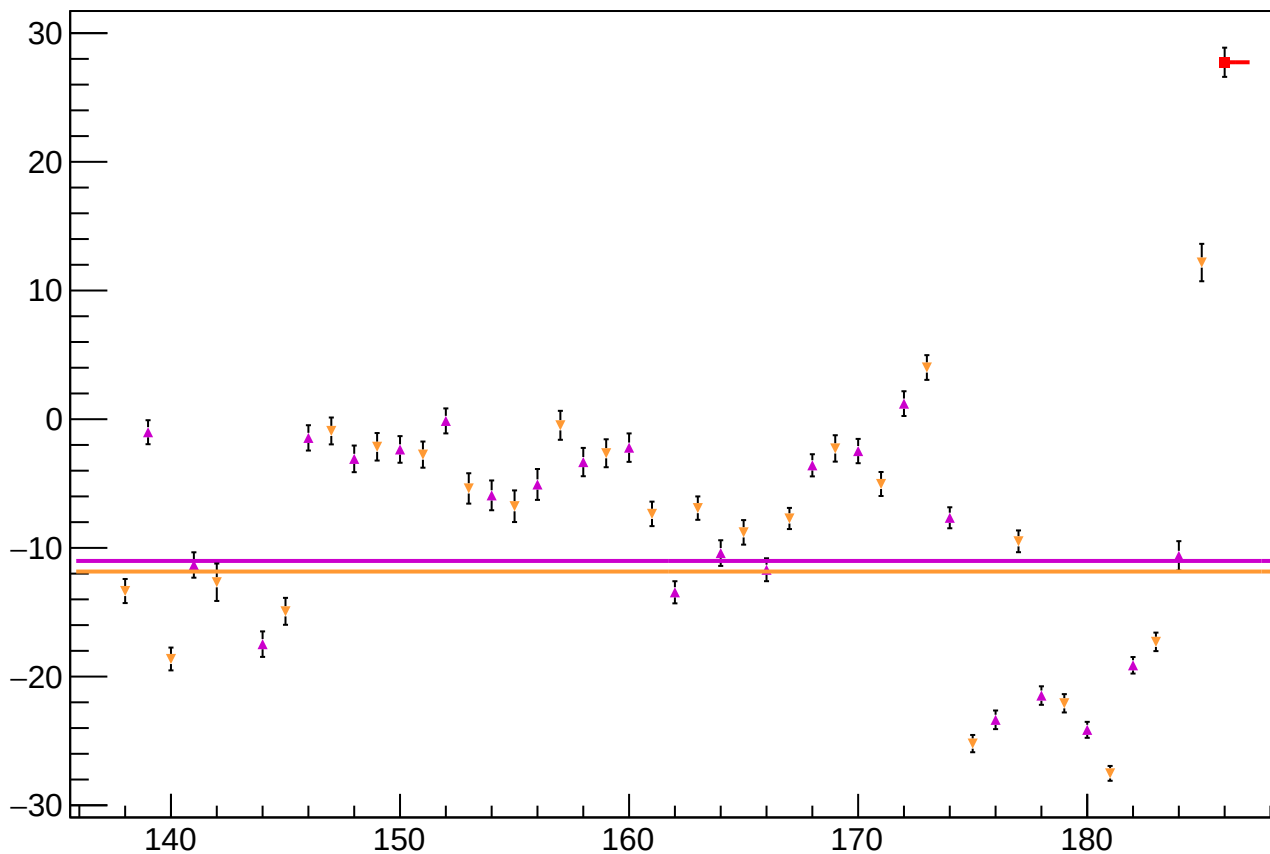
Left In: -39.368 ± 0.014 $\chi^2/\text{NDF}: 117958.1/22$

+ sign -39.665 ± 0.012 $\chi^2/\text{NDF}: 166543.1/39$

All: -39.715 ± 0.009 $\chi^2/\text{NDF}: 351577.9/81$

- sign -39.764 ± 0.012 $\chi^2/\text{NDF}: 185002.4/41$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

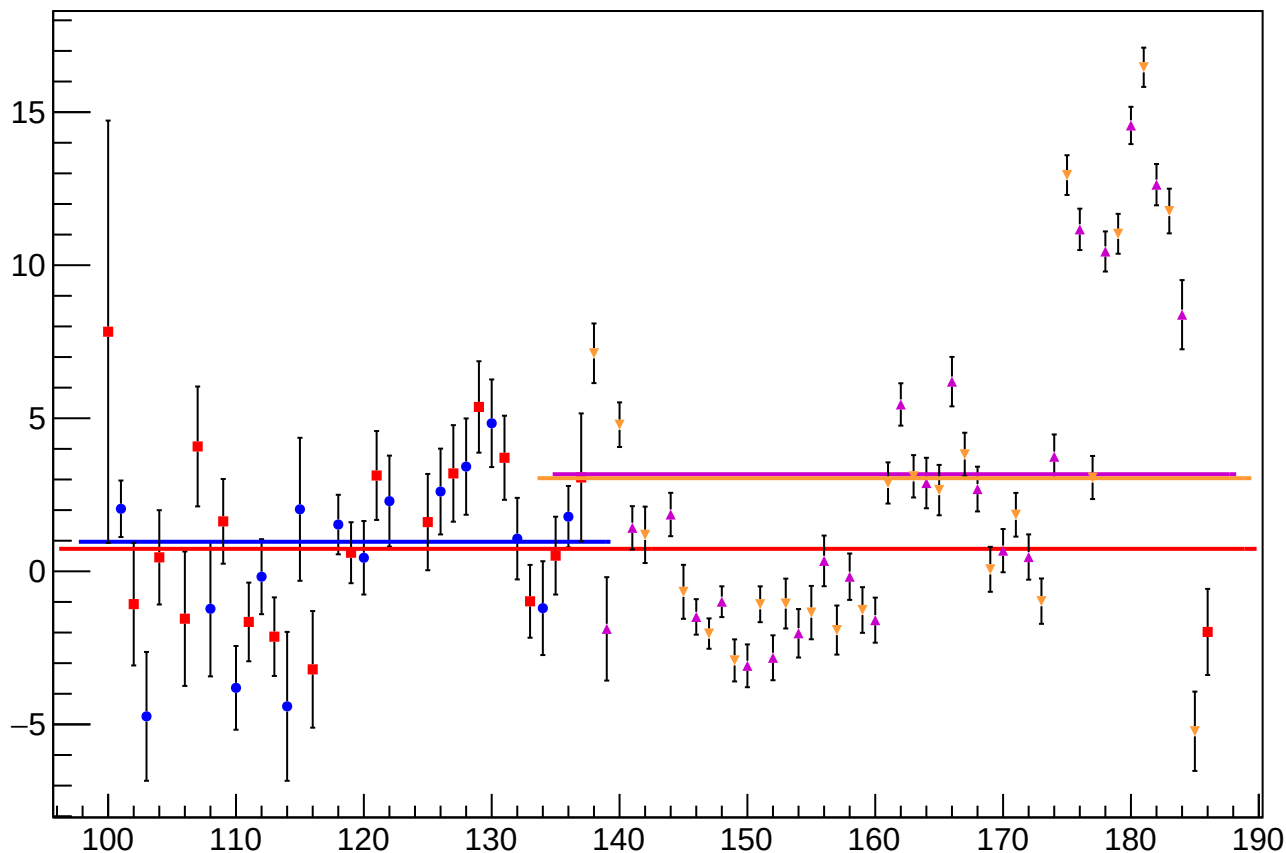
Left In: -11.014 $\pm$ 0.187 χ^2 /NDF:2116.6/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.902 $\pm$ 0.131 χ^2 /NDF: 6043.9/47

- sign -9.988 $\pm$ 0.185 χ^2 /NDF: 3251.9/23

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: 3.042 ± 0.148 χ^2/NDF : 1452.6/23

Right Out: 0.734 ± 0.343 χ^2/NDF : 45.9/18

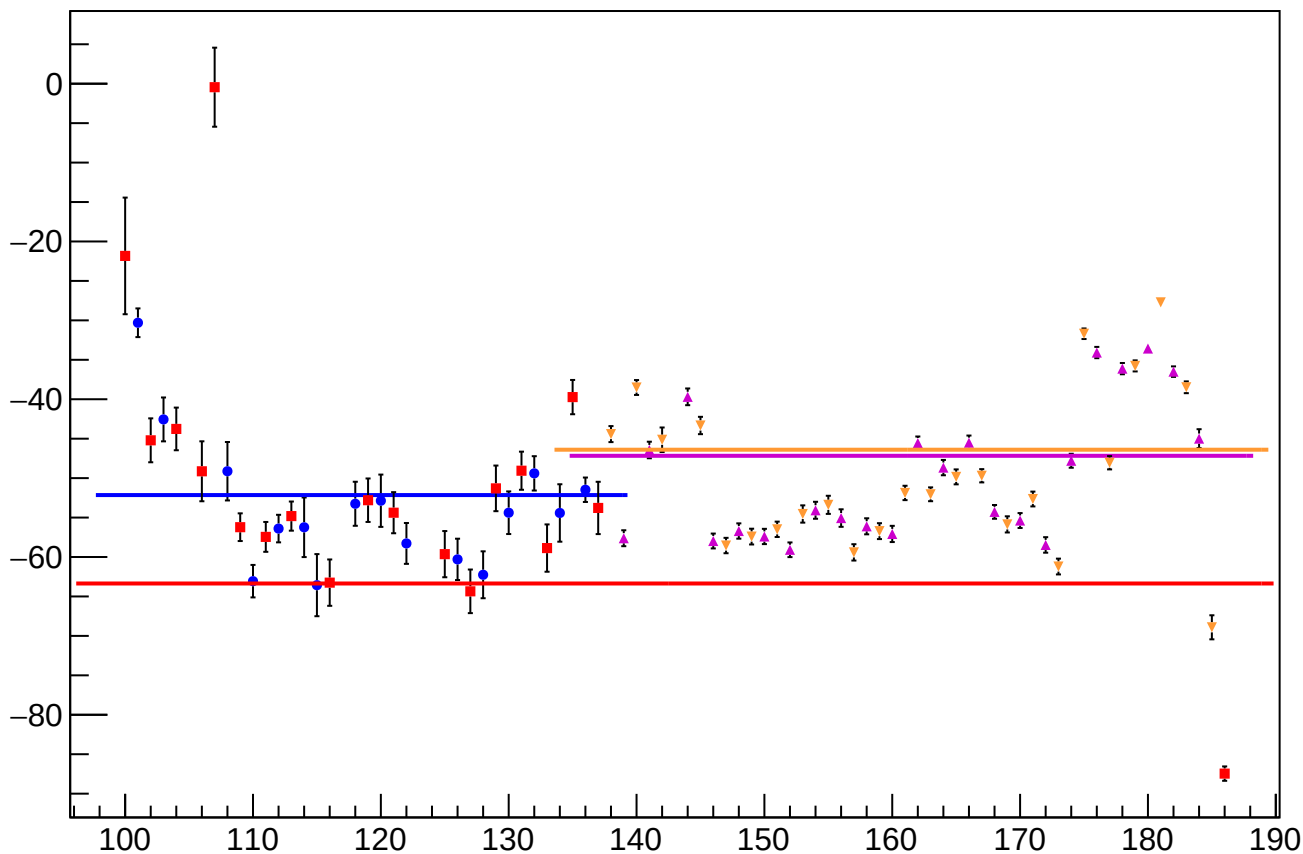
Left In: 3.172 ± 0.150 χ^2/NDF : 1297.9/22

+ sign 2.709 ± 0.135 χ^2/NDF : 1527.2/39

All: 2.745 ± 0.096 χ^2/NDF : 2913.6/81

- sign 2.783 ± 0.137 χ^2/NDF : 1386.3/41

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -46.398 ± 0.187 χ^2/NDF : 3289.4/23

Right Out: -63.357 ± 0.510 χ^2/NDF : 1255.3/18

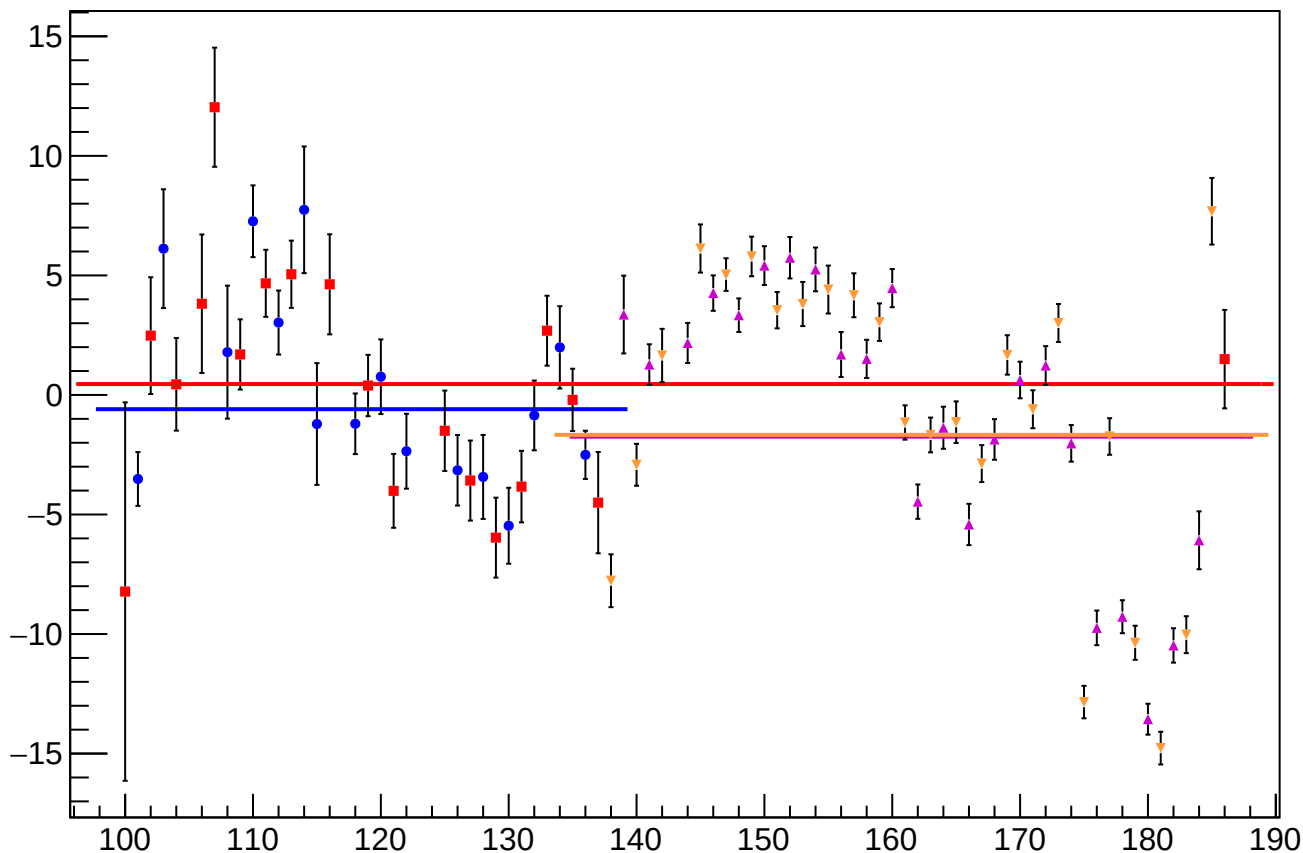
Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

+ sign -46.887 ± 0.178 χ^2/NDF : 3600.5/39

All: -48.003 ± 0.125 χ^2/NDF : 8346.9/81

- sign -49.078 ± 0.175 χ^2/NDF : 4669.7/41

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: -1.668 ± 0.167 χ^2/NDF : 1479.3/23

Right Out: 0.455 ± 0.392 χ^2/NDF : 96.1/18

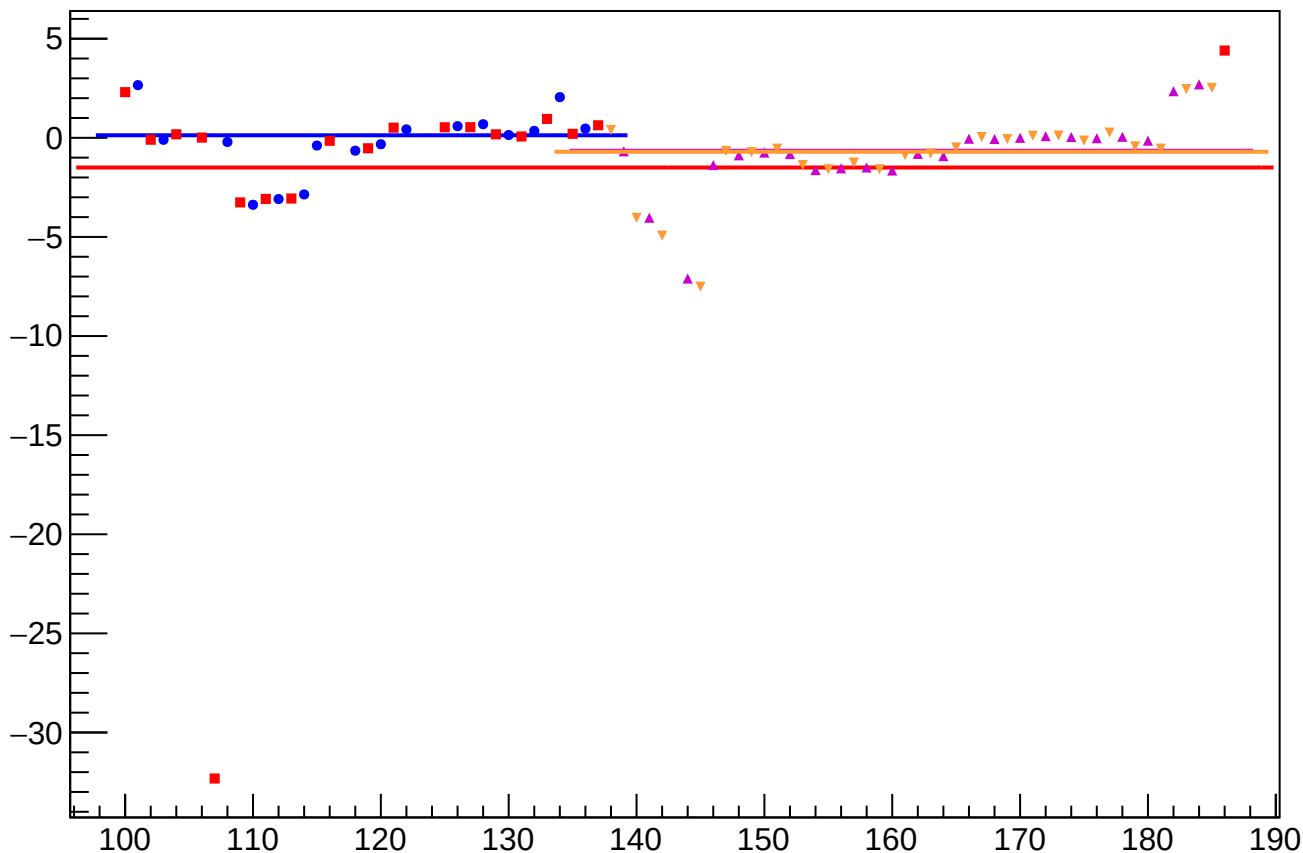
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.498 ± 0.153 χ^2/NDF : 1568.5/39

All: -1.451 ± 0.109 χ^2/NDF : 2945.4/81

- sign -1.404 ± 0.155 χ^2/NDF : 1376.7/41

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 χ^2/NDF : 5252.9/15

Left Out: -0.703 ± 0.008 χ^2/NDF : 53770.3/23

Right Out: -1.498 ± 0.022 χ^2/NDF : 79571.4/18

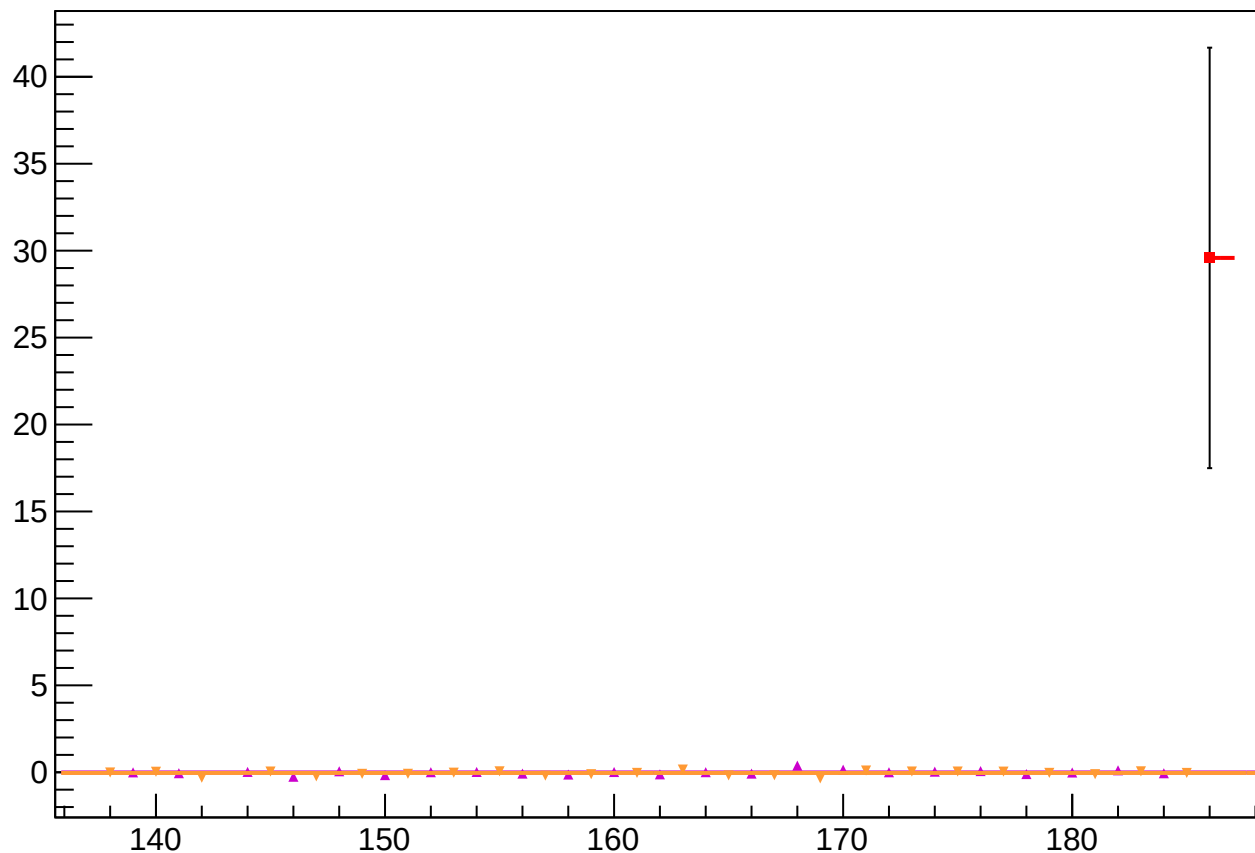
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ sign -0.609 ± 0.007 χ^2/NDF : 60348.8/39

All: -0.678 ± 0.005 χ^2/NDF : 185636.3/81

- sign -0.746 ± 0.007 χ^2/NDF : 125108.0/41

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

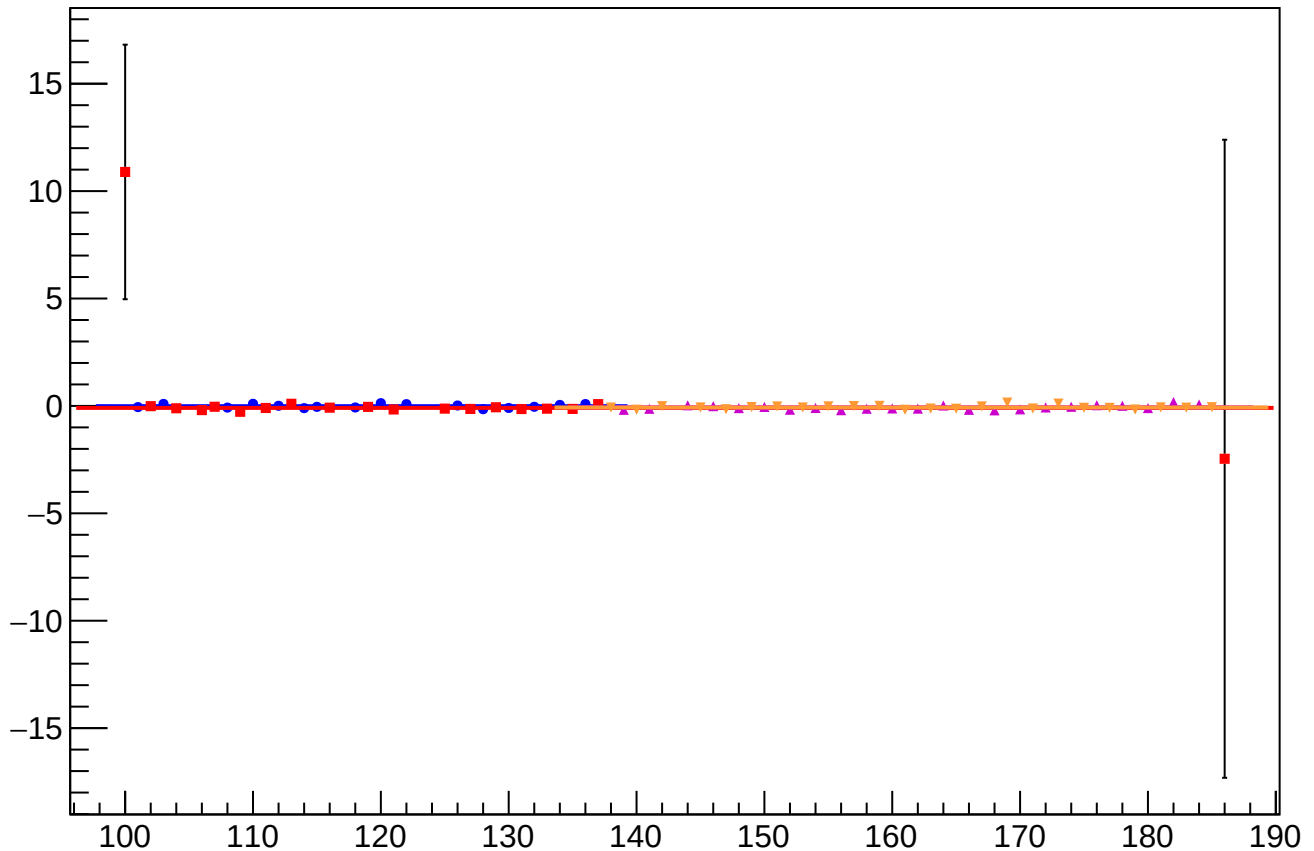
Left In: -0.009 $\pm$ 0.018 χ^2 /NDF: 35.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 78.1/47

- 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 : 12.2/15

Left Out: -0.073 ± 0.014 χ^2/NDF : 27.8/23

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/18

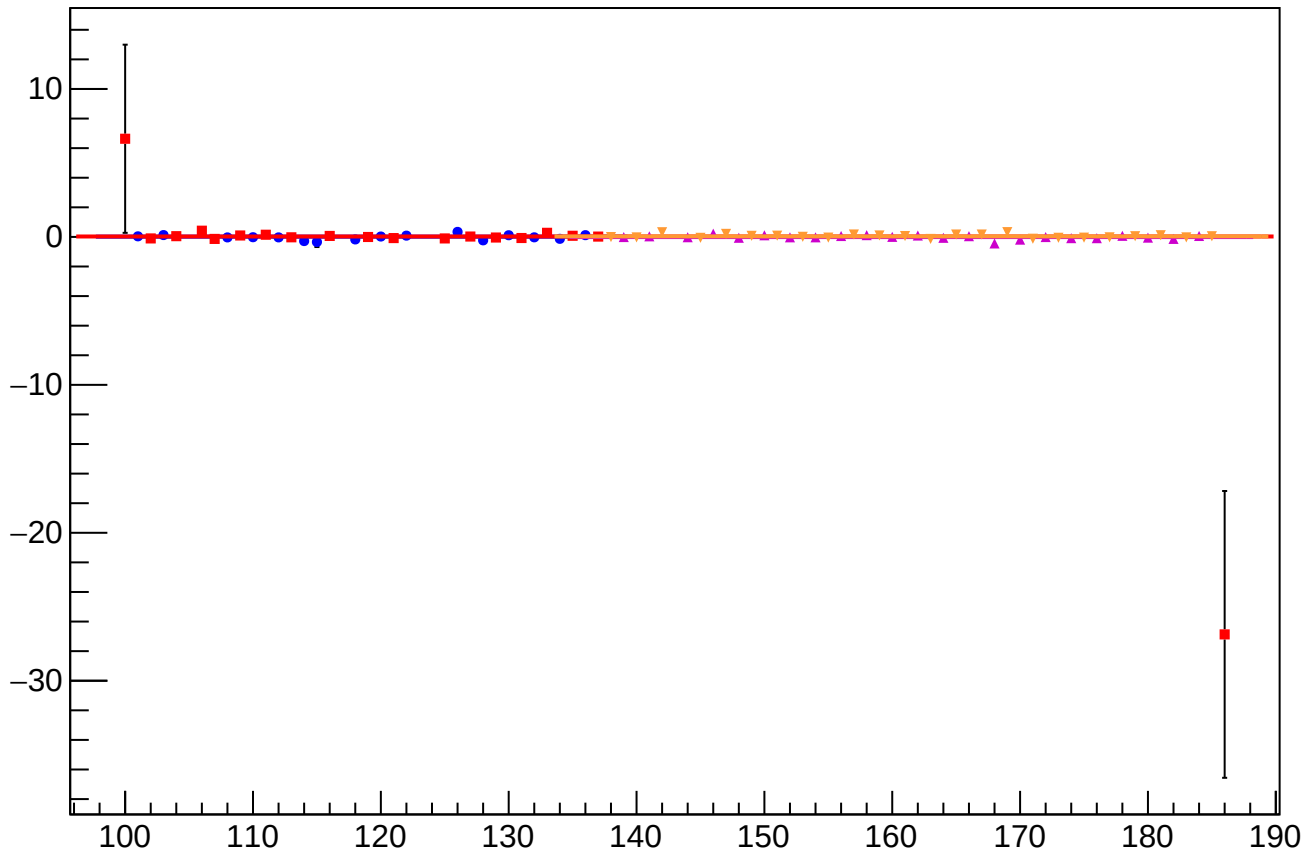
Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

+ sign -0.057 ± 0.012 χ^2/NDF : 44.9/39

All: -0.064 ± 0.009 χ^2/NDF : 99.6/81

- sign -0.072 ± 0.012 χ^2/NDF : 53.9/41

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.036 $\pm$ 0.018 χ^2 /NDF: 32.4/23

Right Out: 0.029 $\pm$ 0.045 χ^2 /NDF: 16.9/18

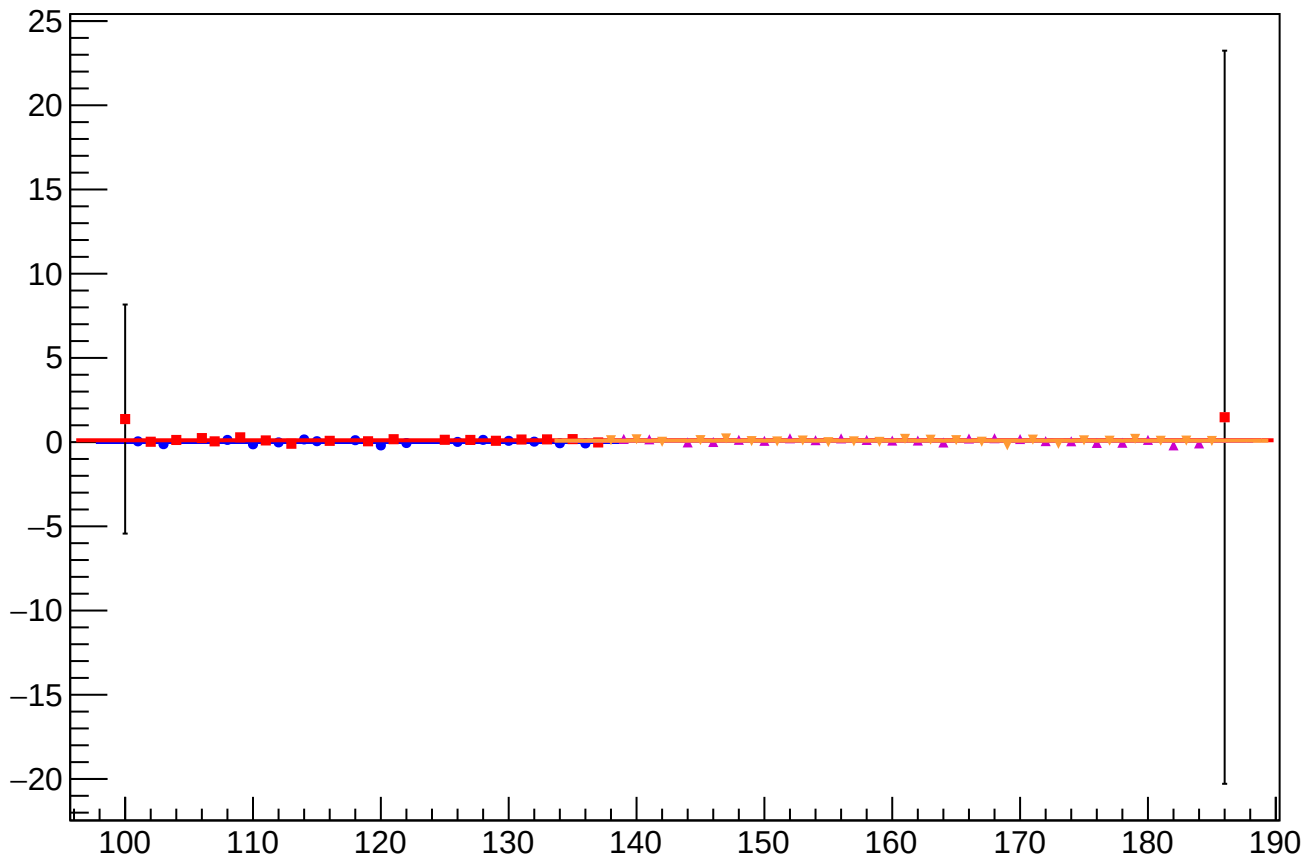
Left In: -0.010 $\pm$ 0.018 χ^2 /NDF: 37.1/22

+ sign 0.033 $\pm$ 0.017 χ^2 /NDF: 42.2/39

All: 0.014 $\pm$ 0.012 χ^2 /NDF: 99.4/81

- sign -0.005 $\pm$ 0.017 χ^2 /NDF: 54.6/41

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.086 ± 0.016 χ^2/NDF : 27.8/23

Right Out: 0.110 ± 0.029 χ^2/NDF : 8.0/18

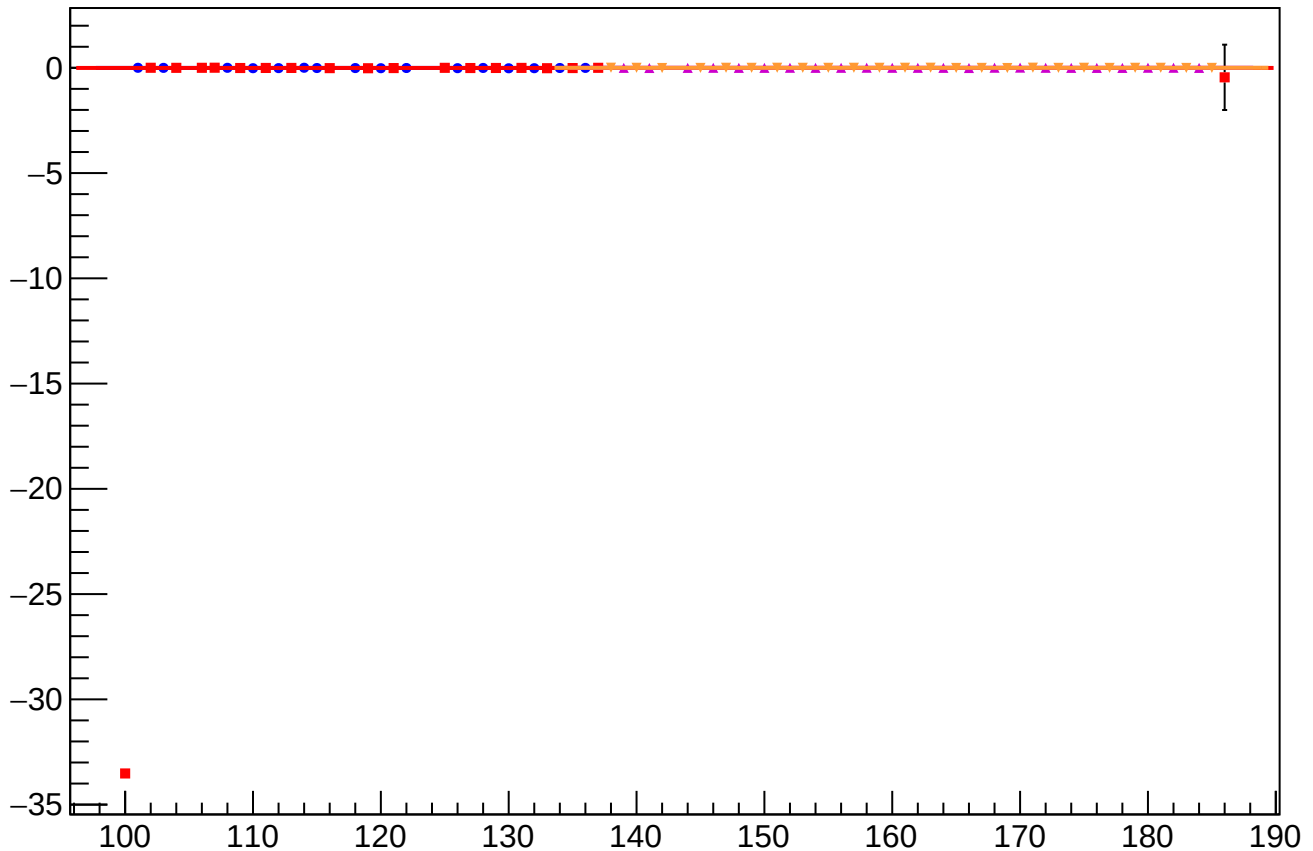
Left In: 0.071 ± 0.016 χ^2/NDF : 44.0/22

+ sign 0.065 ± 0.014 χ^2/NDF : 46.3/39

All: 0.073 ± 0.010 χ^2/NDF : 100.2/81

- sign 0.081 ± 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 : 22.6/15

Left Out: 0.000 ± 0.001 χ^2/NDF : 23.9/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 26509.0/18

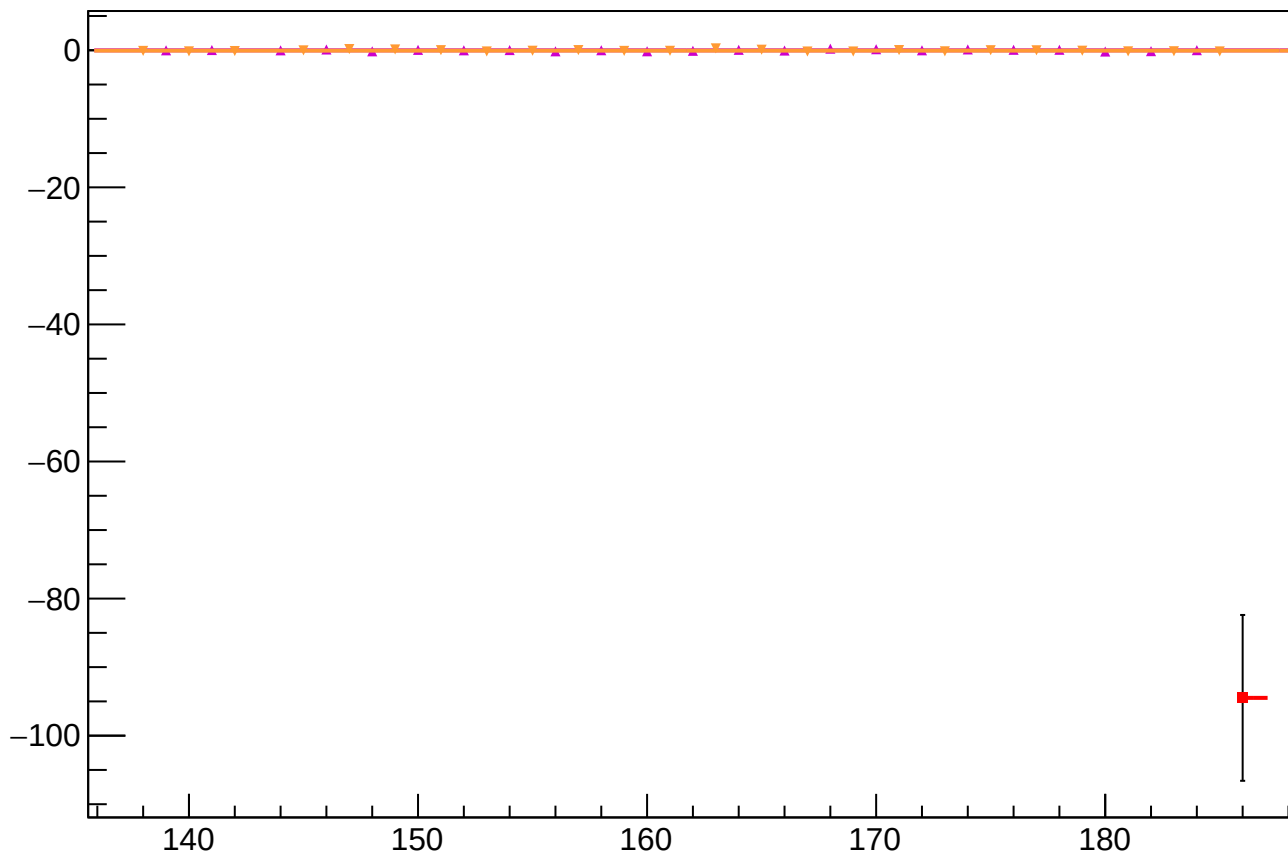
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 59.5/39

All: -0.001 ± 0.000 χ^2/NDF : 26604.9/81

- sign -0.001 ± 0.001 χ^2/NDF : 26545.3/41

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.052 $\pm$ 0.018 χ^2 /NDF: 37.3/23

Right Out: -94.487 $\pm$ 12.098 χ^2 /NDF: 0.0/0

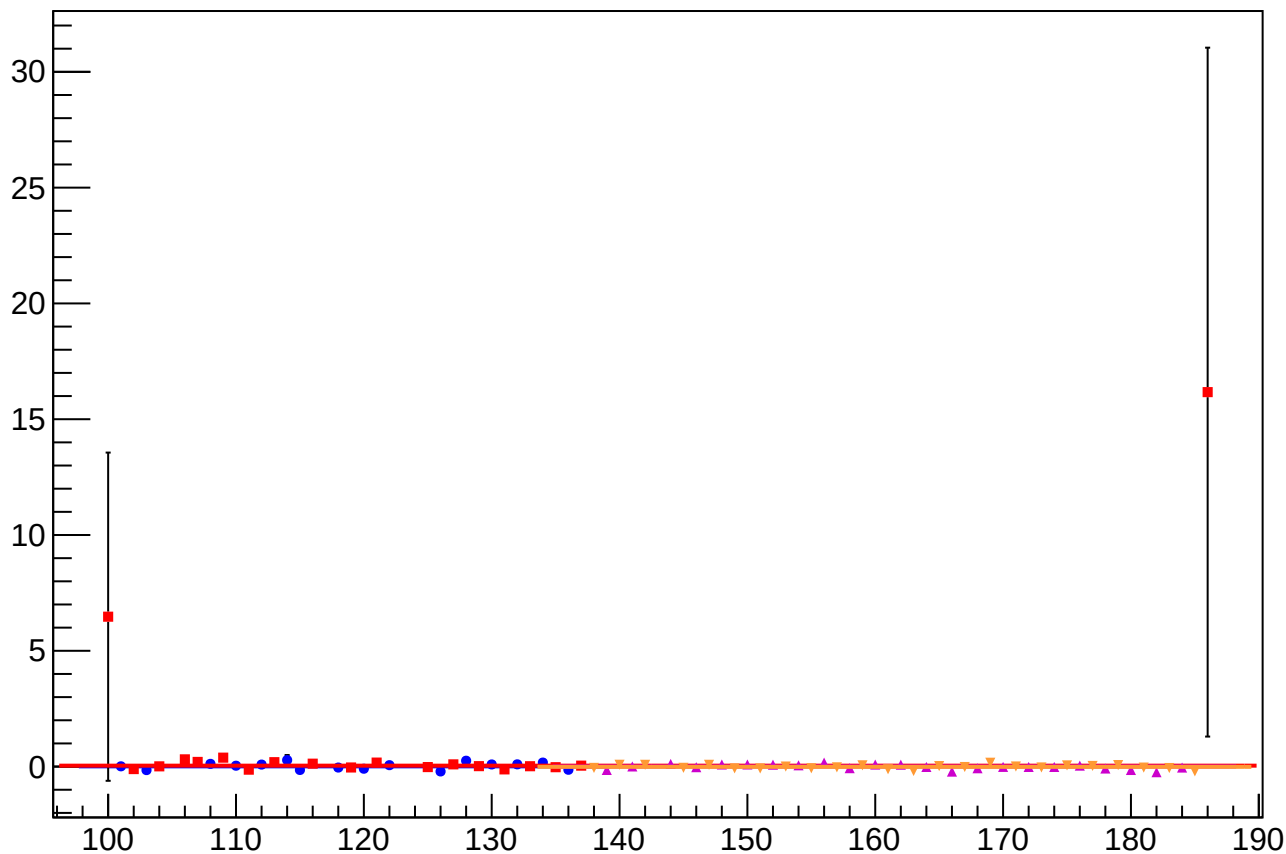
Left In: -0.010 $\pm$ 0.018 χ^2 /NDF: 33.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.031 $\pm$ 0.013 χ^2 /NDF: 134.3/47

- sign -0.010 $\pm$ 0.018 χ^2 /NDF: 94.3/23

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 25.4/15

Left Out: -0.010 ± 0.014 χ^2/NDF : 29.5/23

Right Out: 0.040 ± 0.025 χ^2/NDF : 29.1/18

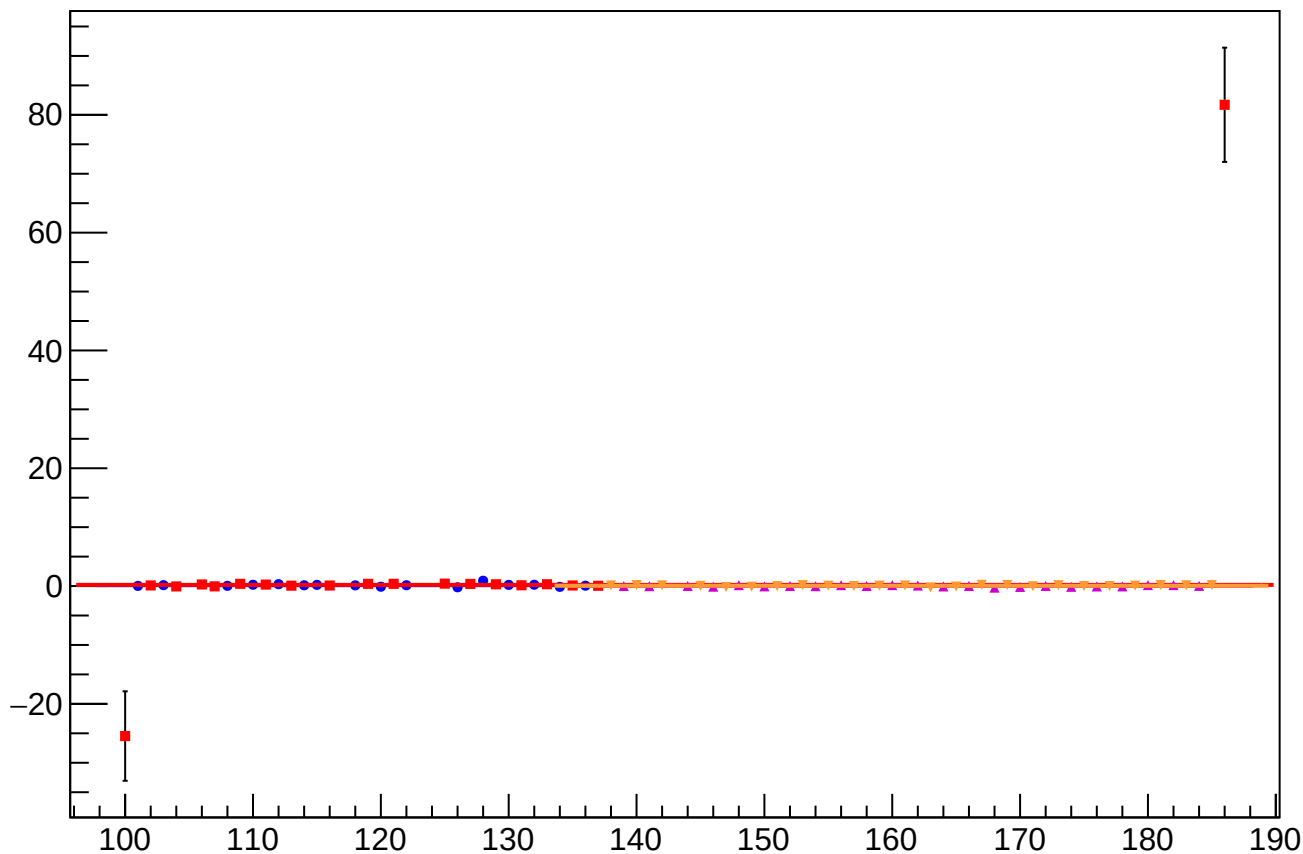
Left In: 0.004 ± 0.014 χ^2/NDF : 50.3/22

+ sign -0.005 ± 0.012 χ^2/NDF : 55.5/39

All: 0.004 ± 0.009 χ^2/NDF : 137.5/81

- sign 0.013 ± 0.012 χ^2/NDF : 81.0/41

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.048 ± 0.018 χ^2/NDF : 35.4/23

Right Out: 0.202 ± 0.045 χ^2/NDF : 93.5/18

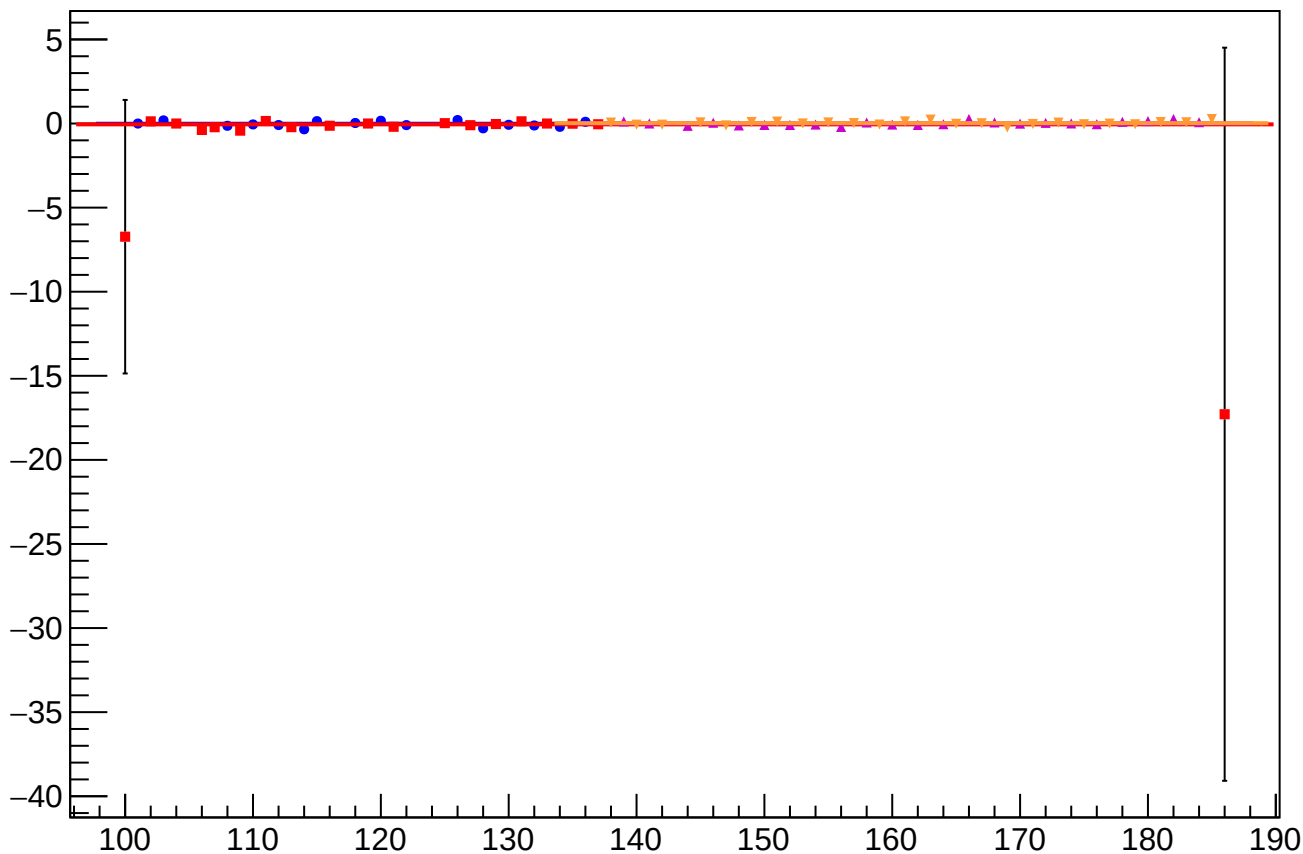
Left In: 0.021 ± 0.018 χ^2/NDF : 34.0/22

+ sign 0.063 ± 0.017 χ^2/NDF : 69.2/39

All: 0.055 ± 0.012 χ^2/NDF : 211.2/81

- sign 0.046 ± 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 : 25.2/15

Left Out: 0.021 ± 0.016 χ^2/NDF : 33.2/23

Right Out: -0.050 ± 0.029 χ^2/NDF : 26.4/18

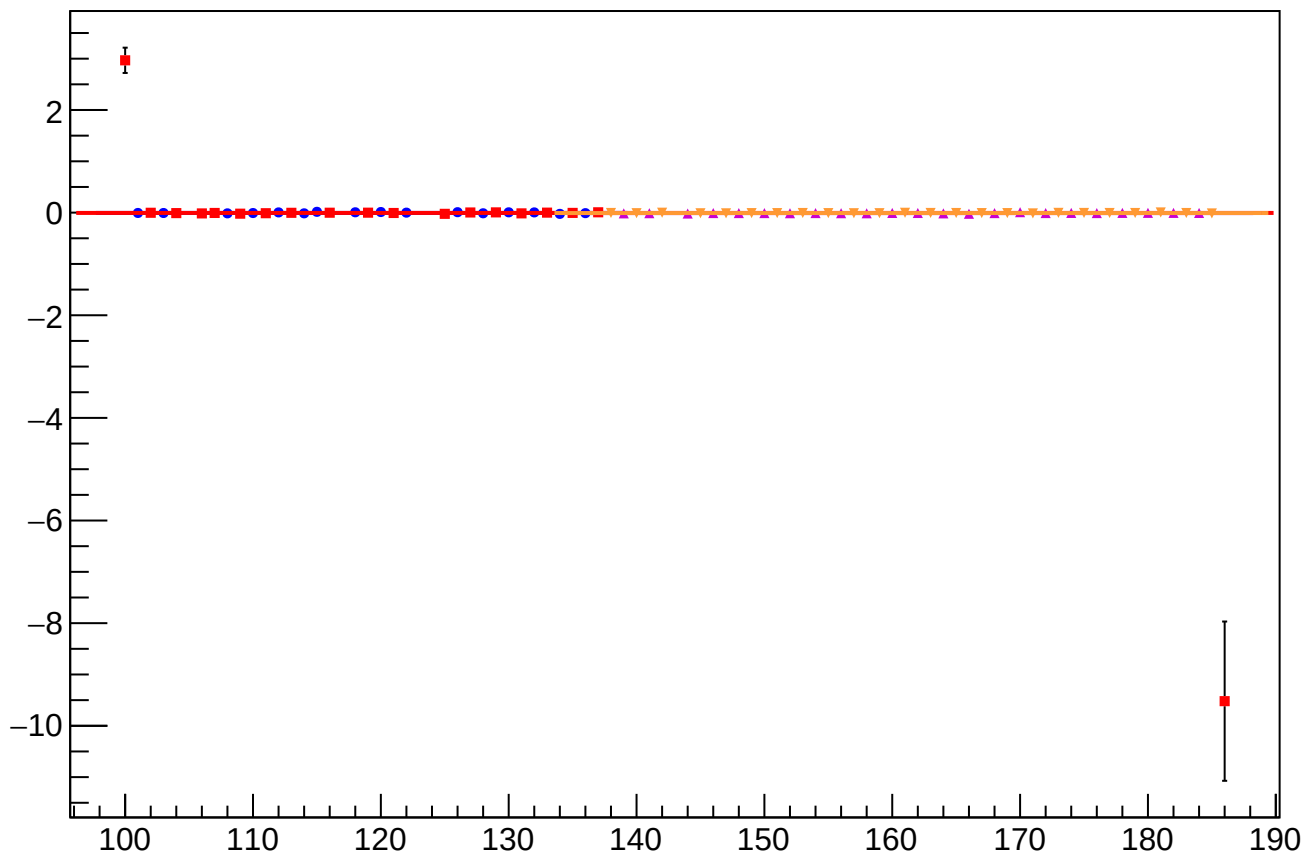
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 59.5/39

All: 0.003 ± 0.010 χ^2/NDF : 140.5/81

- 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: 29.0/15

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

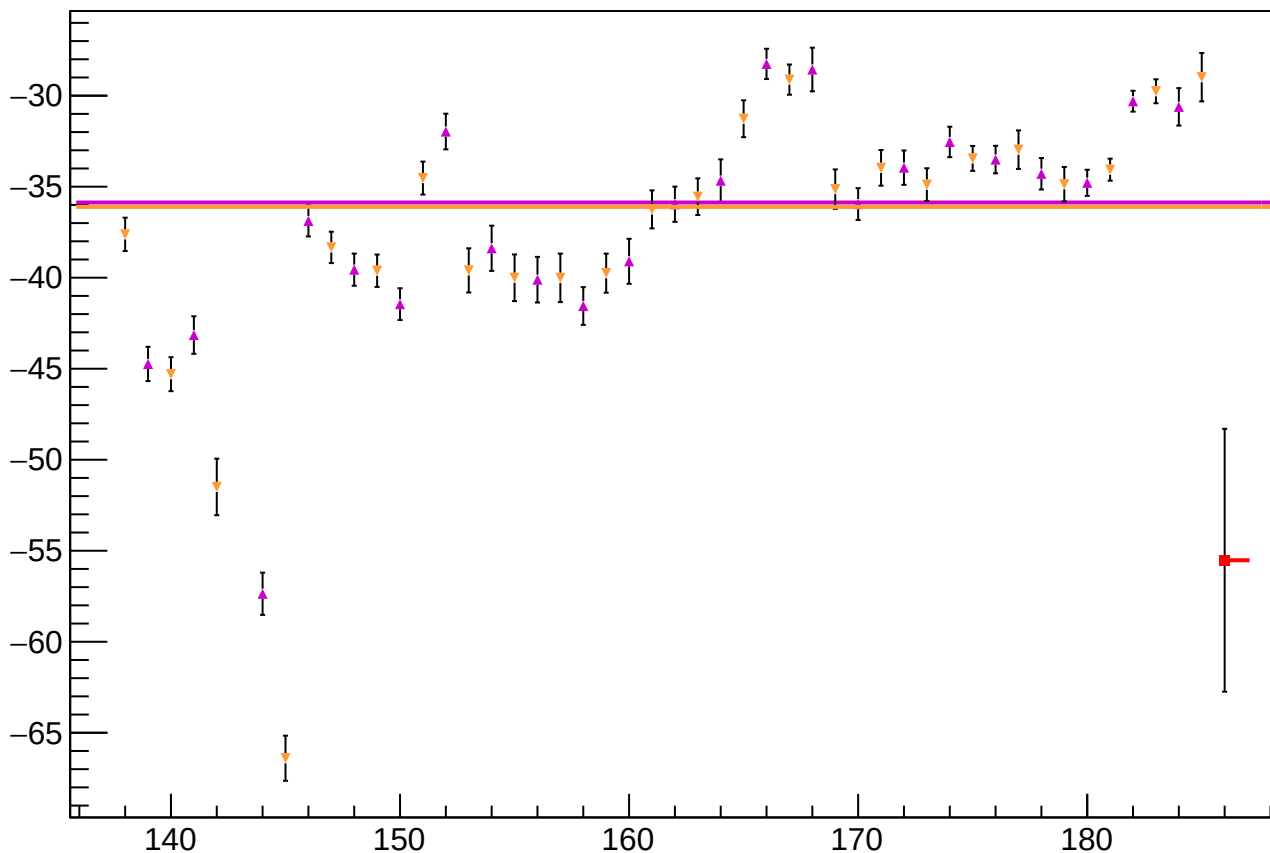
Left In: -0.009 $\pm$ 0.001 χ^2 /NDF:39.2/22

+ sign -0.008 $\pm$ 0.001 χ^2 /NDF: 62.7/39

All: -0.008 $\pm$ 0.000 χ^2 /NDF: 308.5/81

- sign -0.008 $\pm$ 0.001 χ^2 /NDF: 245.5/41

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 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

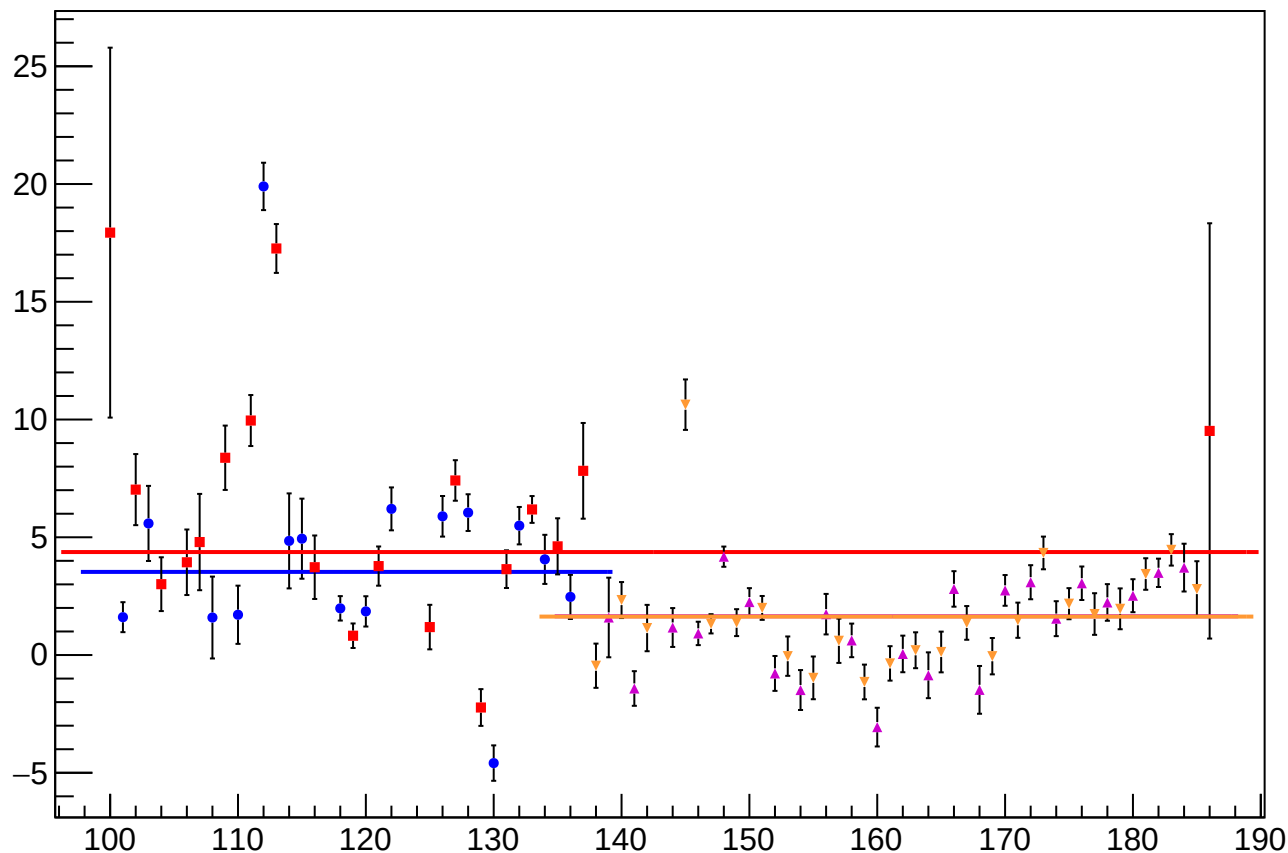
Left In: -35.869+/-0.191 χ^2/NDF :887.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.996+/-0.135 χ^2/NDF : 2013.6/47

- sign -35.883+/-0.191 χ^2/NDF : 894.5/23

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 $\pm$ 0.217 χ^2 /NDF: 446.6/15

Left Out: 1.632 $\pm$ 0.148 χ^2 /NDF: 166.7/23

Right Out: 4.373 $\pm$ 0.225 χ^2 /NDF: 354.2/18

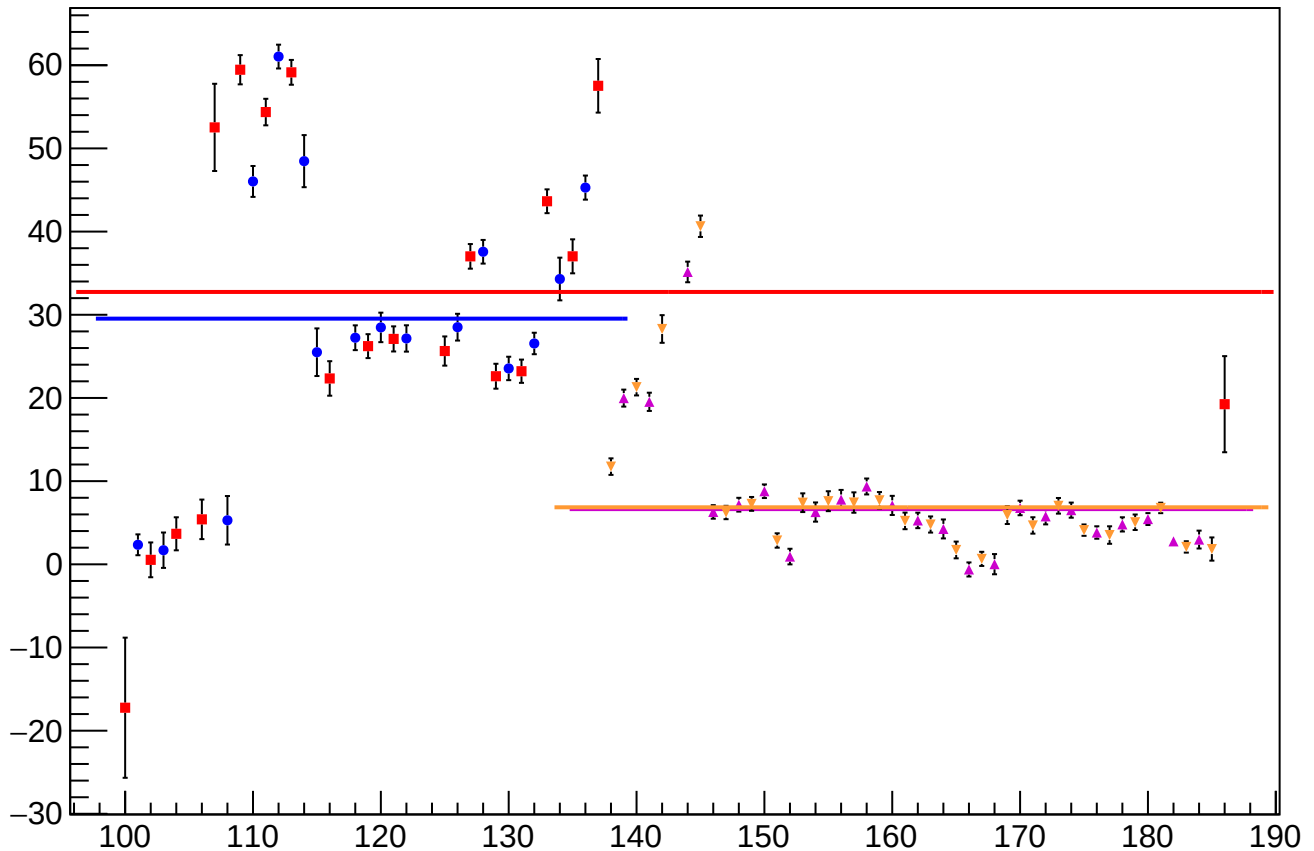
Left In: 1.646 $\pm$ 0.149 χ^2 /NDF: 164.1/22

+ sign 2.232 $\pm$ 0.122 χ^2 /NDF: 665.4/39

All: 2.352 $\pm$ 0.087 χ^2 /NDF: 1287.5/81

- sign 2.477 $\pm$ 0.124 χ^2 /NDF: 620.1/41

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 χ^2/NDF : 1494.9/15

Left Out: 6.855 ± 0.191 χ^2/NDF : 1298.7/23

Right Out: 32.744 ± 0.422 χ^2/NDF : 1664.8/18

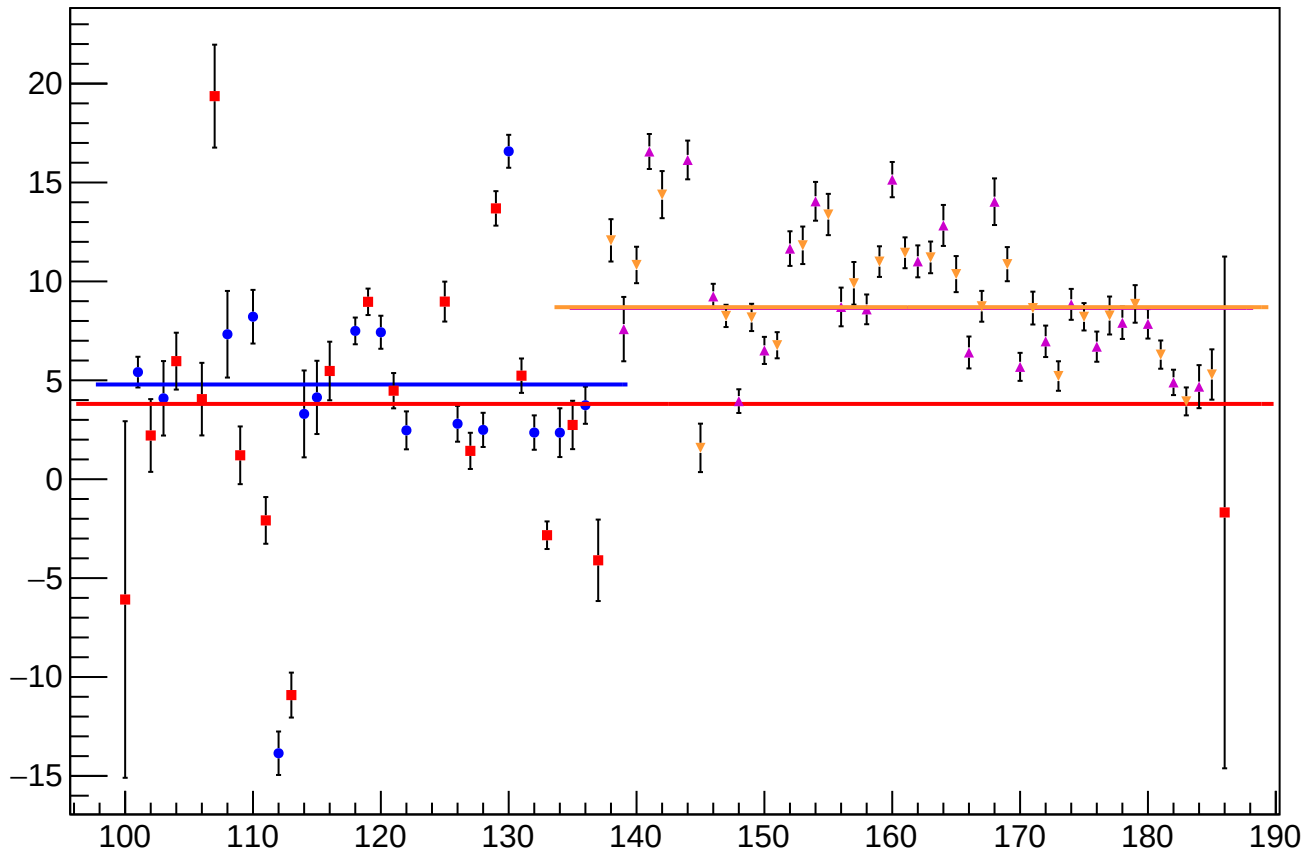
Left In: 6.639 ± 0.190 χ^2/NDF : 1077.2/22

+ sign 10.804 ± 0.174 χ^2/NDF : 5239.4/39

All: 10.920 ± 0.123 χ^2/NDF : 11168.7/81

- sign 11.035 ± 0.173 χ^2/NDF : 5928.5/41

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 $\pm$ 0.251 χ^2 /NDF: 553.9/15

Left Out: 8.697 $\pm$ 0.169 χ^2 /NDF:241.1/23

Right Out: 3.807 $\pm$ 0.259 χ^2 /NDF: 567.8/18

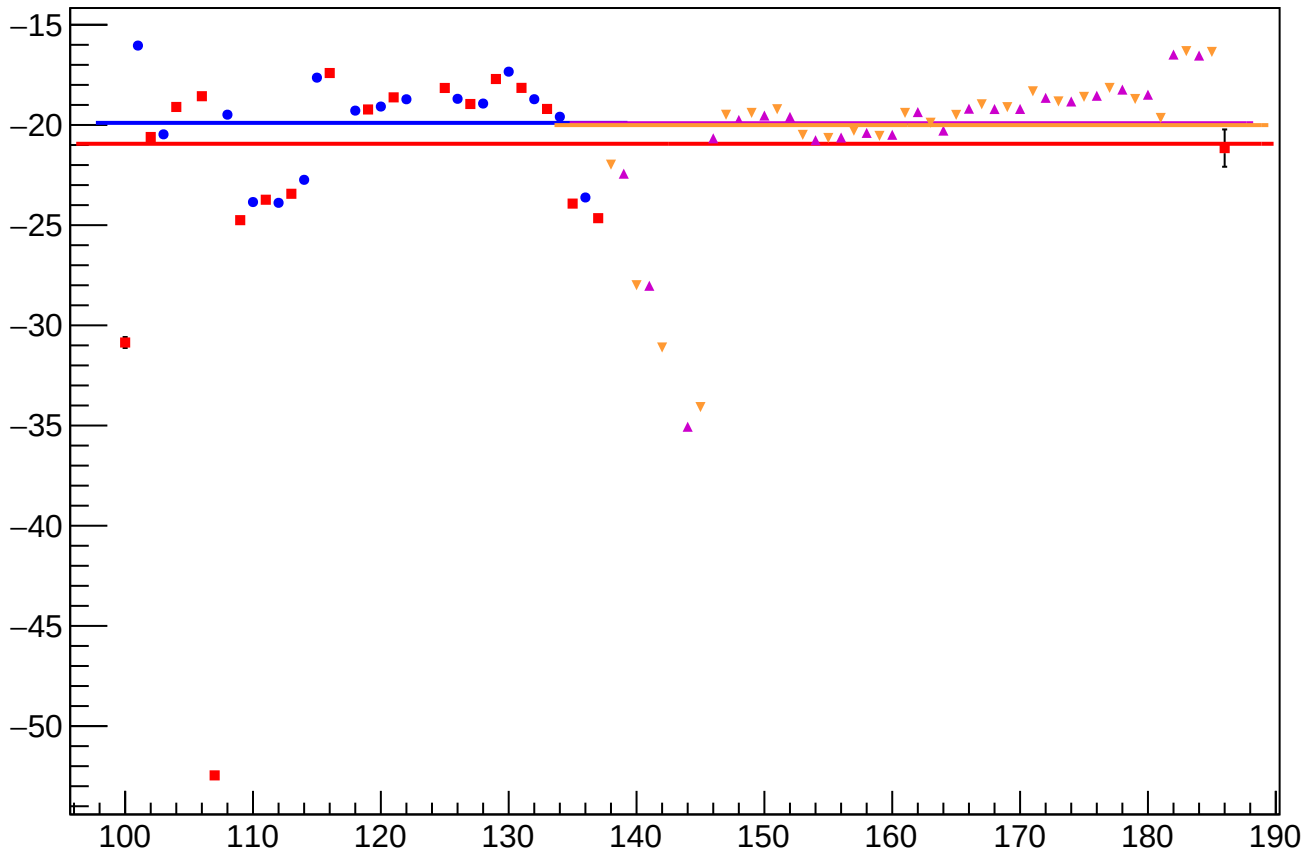
Left In: 8.659 $\pm$ 0.170 χ^2 /NDF:438.0/22

+ sign 7.480 $\pm$ 0.140 χ^2 /NDF: 961.7/39

All: 7.342 $\pm$ 0.100 χ^2 /NDF: 2215.3/81

- sign 7.200 $\pm$ 0.142 χ^2 /NDF: 1251.6/41

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 $\chi^2/\text{NDF}: 26073.6/15$

Left Out: -20.007 ± 0.008 $\chi^2/\text{NDF}: 171647.2/23$

Right Out: -20.939 ± 0.016 $\chi^2/\text{NDF}: 94065.2/18$

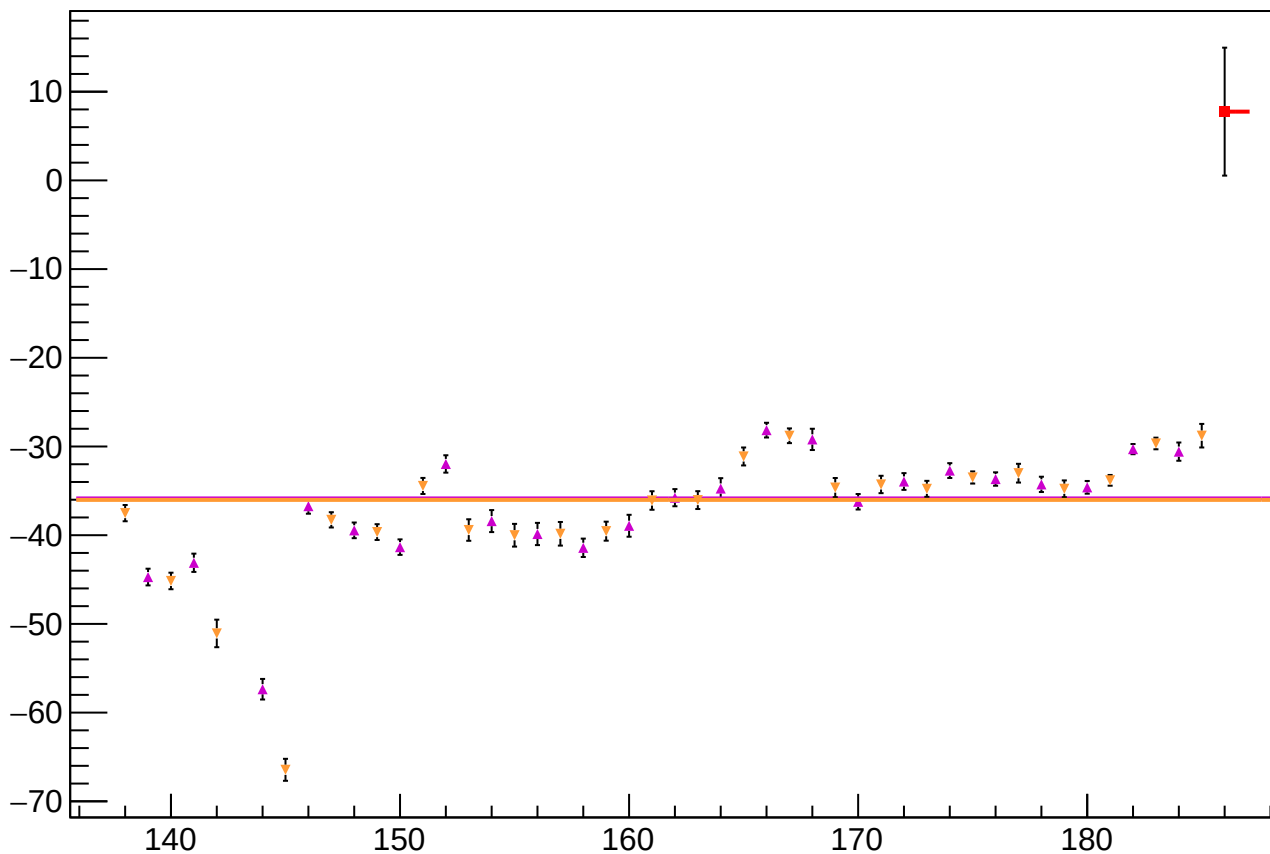
Left In: -19.912 ± 0.008 $\chi^2/\text{NDF}: 145487.3/22$

+ sign -19.984 ± 0.007 $\chi^2/\text{NDF}: 197761.8/39$

All: -20.050 ± 0.005 $\chi^2/\text{NDF}: 440913.4/81$

- sign -20.116 ± 0.007 $\chi^2/\text{NDF}: 242975.4/41$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.019+/-0.192 χ^2/NDF :1125.4/23

Right Out: 7.751+/-7.212 χ^2/NDF : 0.0/0

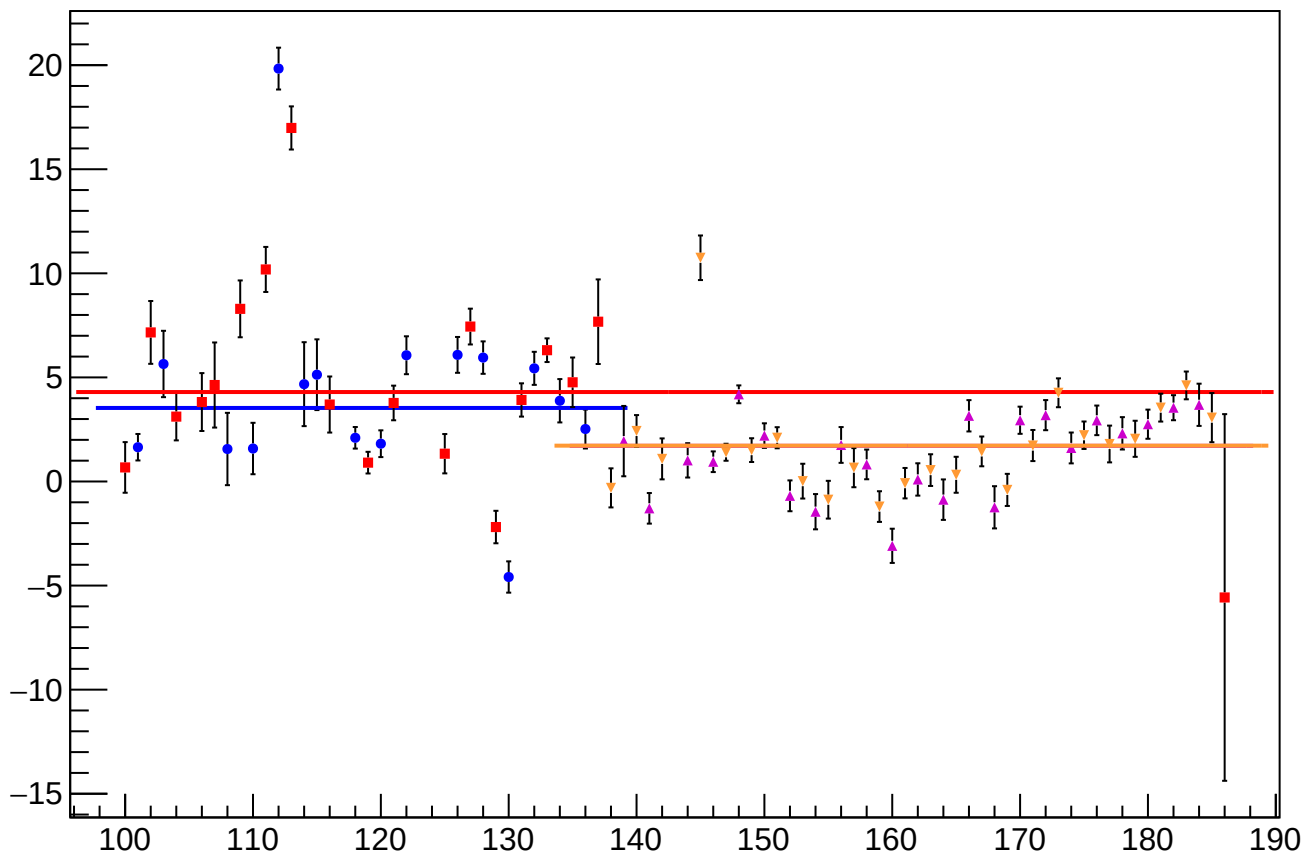
Left In: -35.856+/-0.191 χ^2/NDF :875.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.921+/-0.135 χ^2/NDF : 2038.3/47

- sign -35.825+/-0.190 χ^2/NDF : 912.4/23

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 χ^2/NDF : 443.2/15

Left Out: 1.721 ± 0.148 χ^2/NDF : 168.3/23

Right Out: 4.297 ± 0.221 χ^2/NDF : 354.0/18

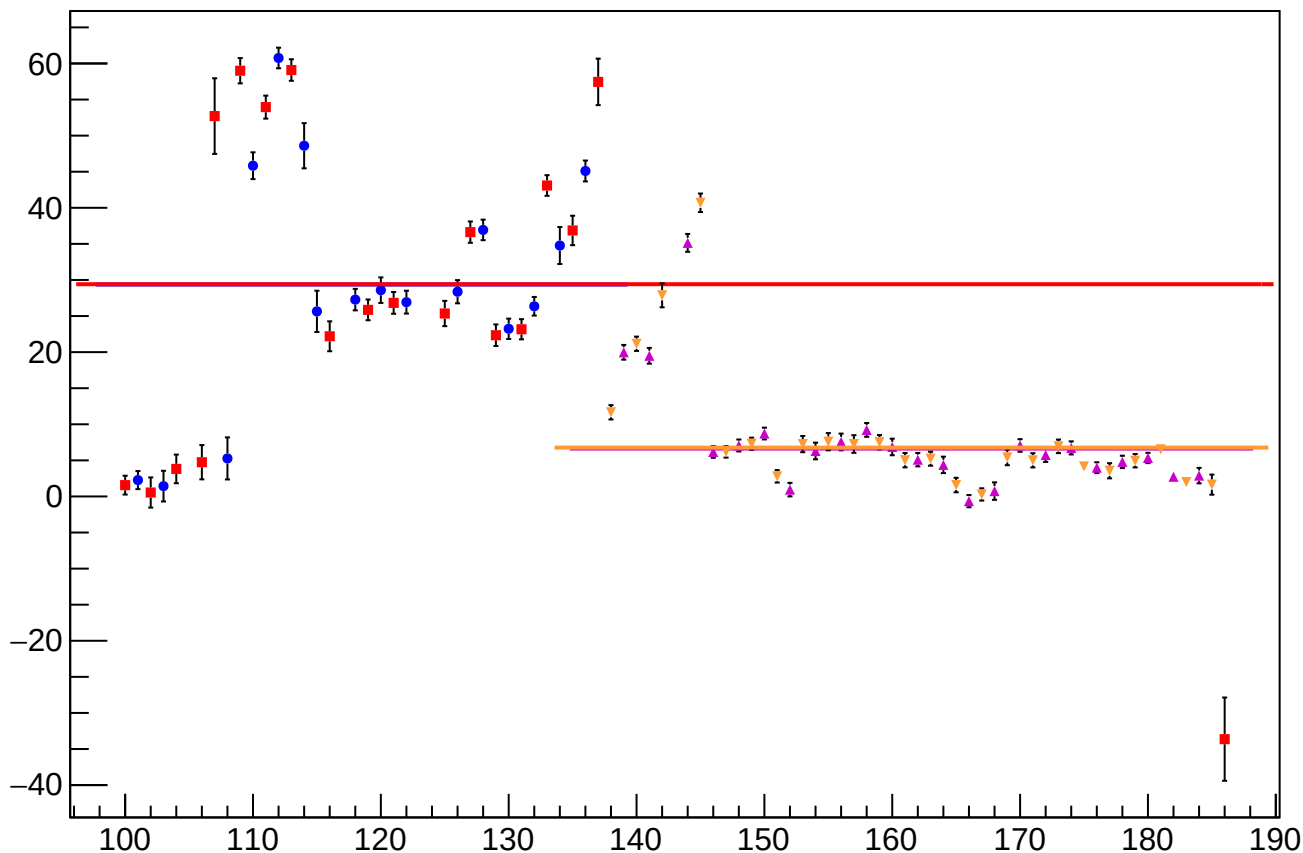
Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.293 ± 0.122 χ^2/NDF : 659.1/39

All: 2.404 ± 0.087 χ^2/NDF : 1272.6/81

- sign 2.518 ± 0.124 χ^2/NDF : 611.9/41

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 ± 0.416 $\chi^2/\text{NDF}: 1488.7/15$

Left Out: 6.767 ± 0.191 $\chi^2/\text{NDF}: 1301.2/23$

Right Out: 29.412 ± 0.401 $\chi^2/\text{NDF}: 2249.5/18$

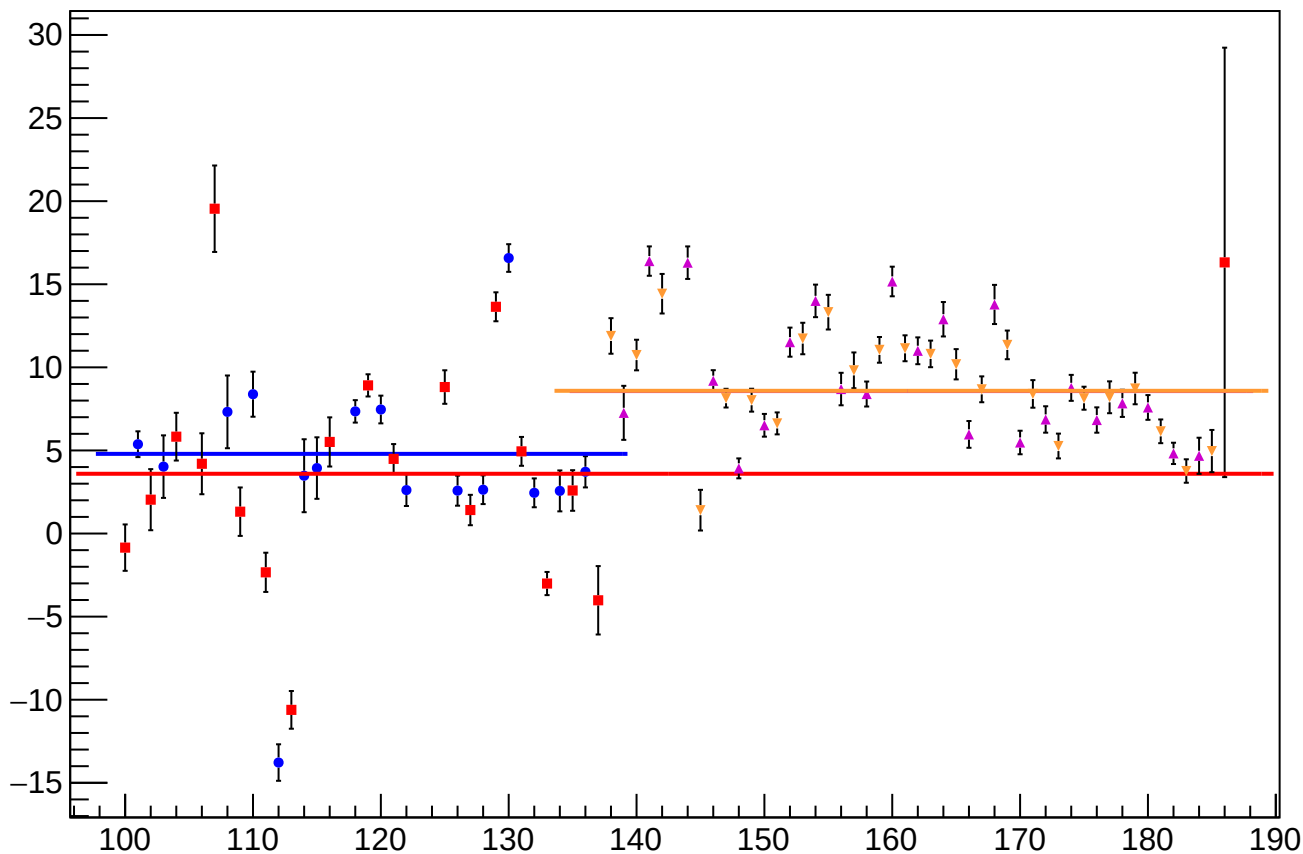
Left In: 6.635 ± 0.190 $\chi^2/\text{NDF}: 1070.4/22$

+ sign 10.703 ± 0.174 $\chi^2/\text{NDF}: 5221.7/39$

All: 10.747 ± 0.122 $\chi^2/\text{NDF}: 11173.2/81$

- sign 10.790 ± 0.171 $\chi^2/\text{NDF}: 5951.4/41$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 8.588 ± 0.169 $\chi^2/\text{NDF}: 245.6/23$

Right Out: 3.596 ± 0.254 $\chi^2/\text{NDF}: 574.3/18$

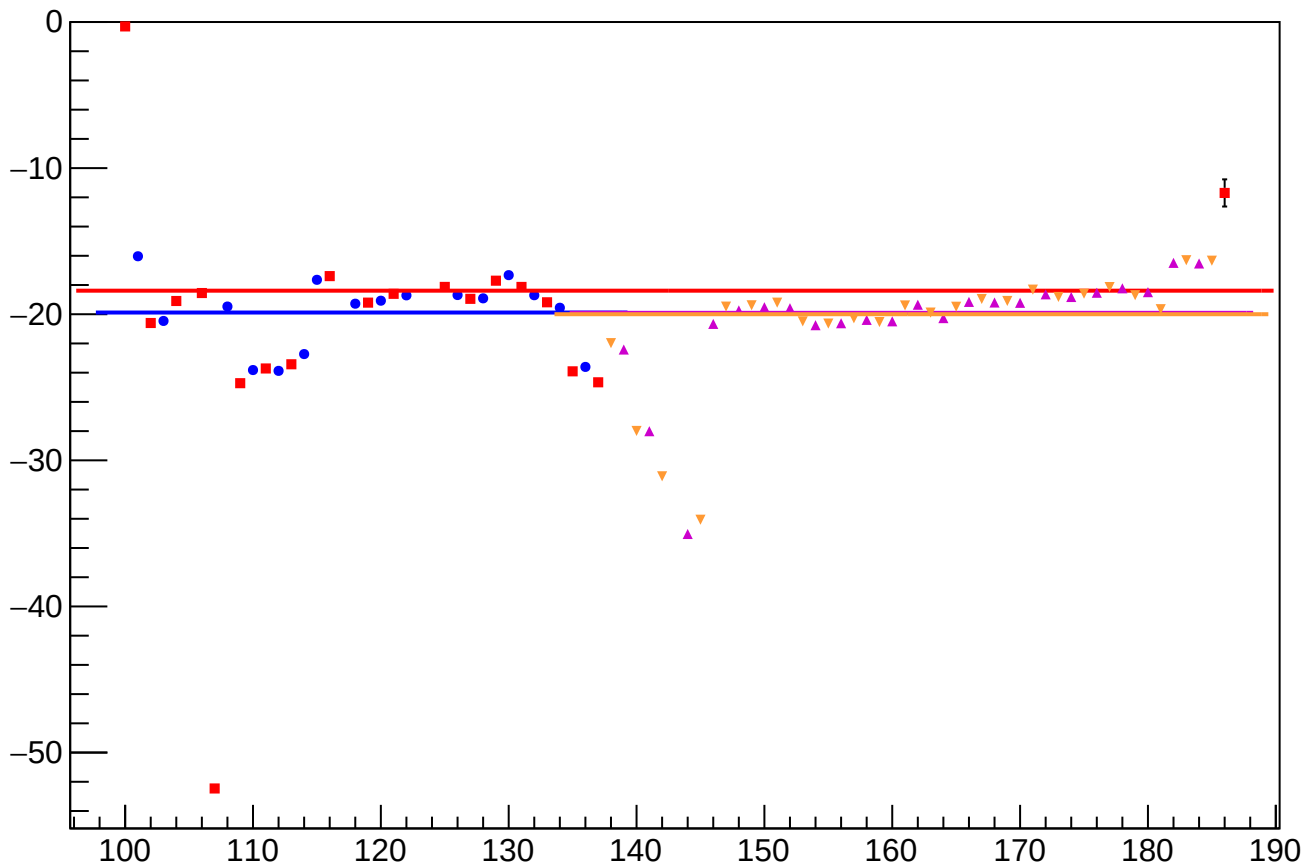
Left In: 8.573 ± 0.170 $\chi^2/\text{NDF}: 443.4/22$

+ sign 7.407 ± 0.140 $\chi^2/\text{NDF}: 952.9/39$

All: 7.225 ± 0.099 $\chi^2/\text{NDF}: 2238.9/81$

- sign 7.042 ± 0.141 $\chi^2/\text{NDF}: 1282.6/41$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 χ^2/NDF : 26063.5/15

Left Out: -19.999 ± 0.008 χ^2/NDF : 171834.0/23

Right Out: -18.388 ± 0.015 χ^2/NDF : 301299.5/18

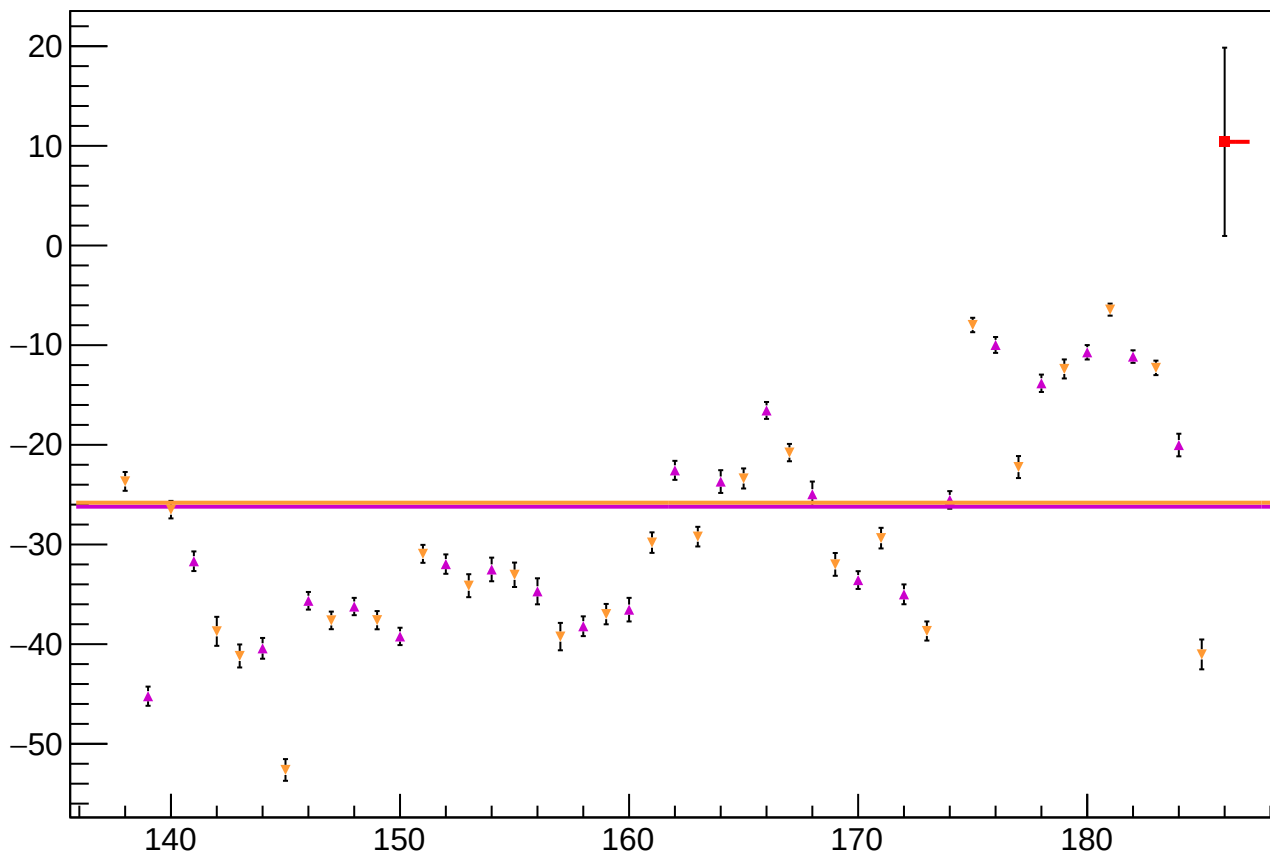
Left In: -19.905 ± 0.008 χ^2/NDF : 145346.7/22

+ sign -19.975 ± 0.007 χ^2/NDF : 197941.6/39

All: -19.770 ± 0.005 χ^2/NDF : 654531.5/81

- sign -19.572 ± 0.007 χ^2/NDF : 454915.1/41

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -25.804 ± 0.192 χ^2/NDF : 4127.8/24

Right Out: 10.404 ± 9.447 χ^2/NDF : 0.0/0

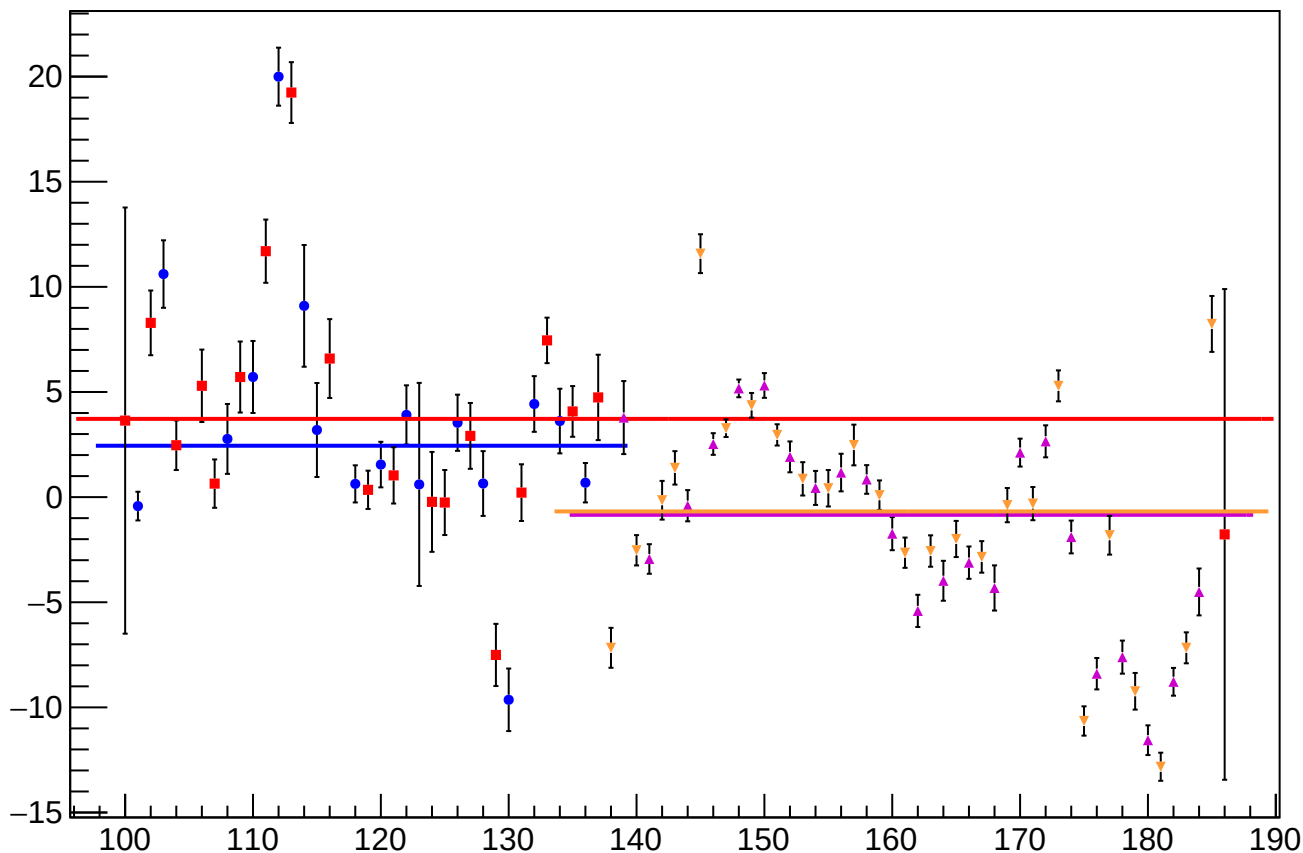
Left In: -26.204 ± 0.194 χ^2/NDF : 3377.8/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.994 ± 0.137 χ^2/NDF : 7522.5/48

- sign -26.188 ± 0.194 χ^2/NDF : 3392.8/23

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: -0.681 ± 0.147 χ^2/NDF : 1314.3/24

Right Out: 3.721 ± 0.327 χ^2/NDF : 269.3/19

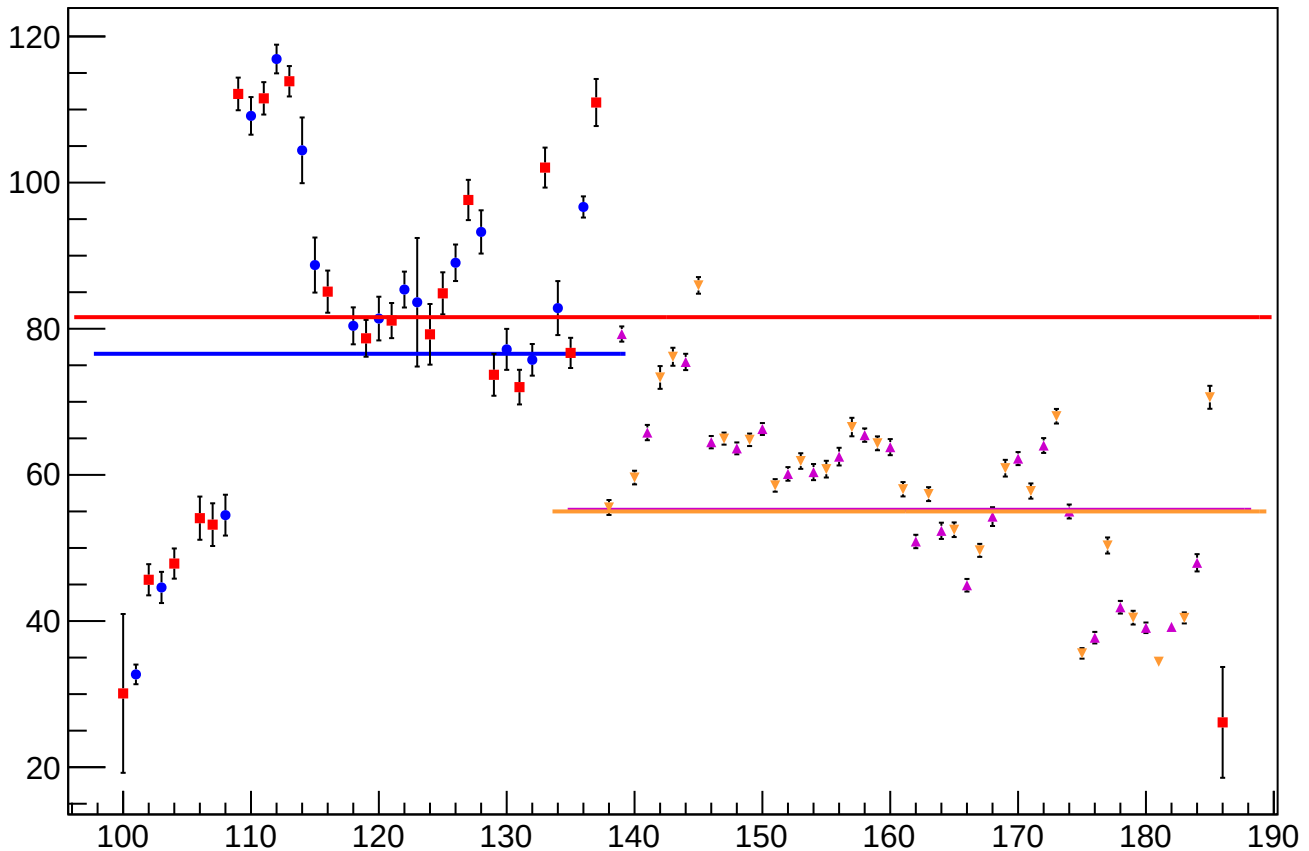
Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

+ sign -0.113 ± 0.133 χ^2/NDF : 1692.1/41

All: -0.081 ± 0.095 χ^2/NDF : 3194.3/84

- sign -0.047 ± 0.136 χ^2/NDF : 1502.1/42

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

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

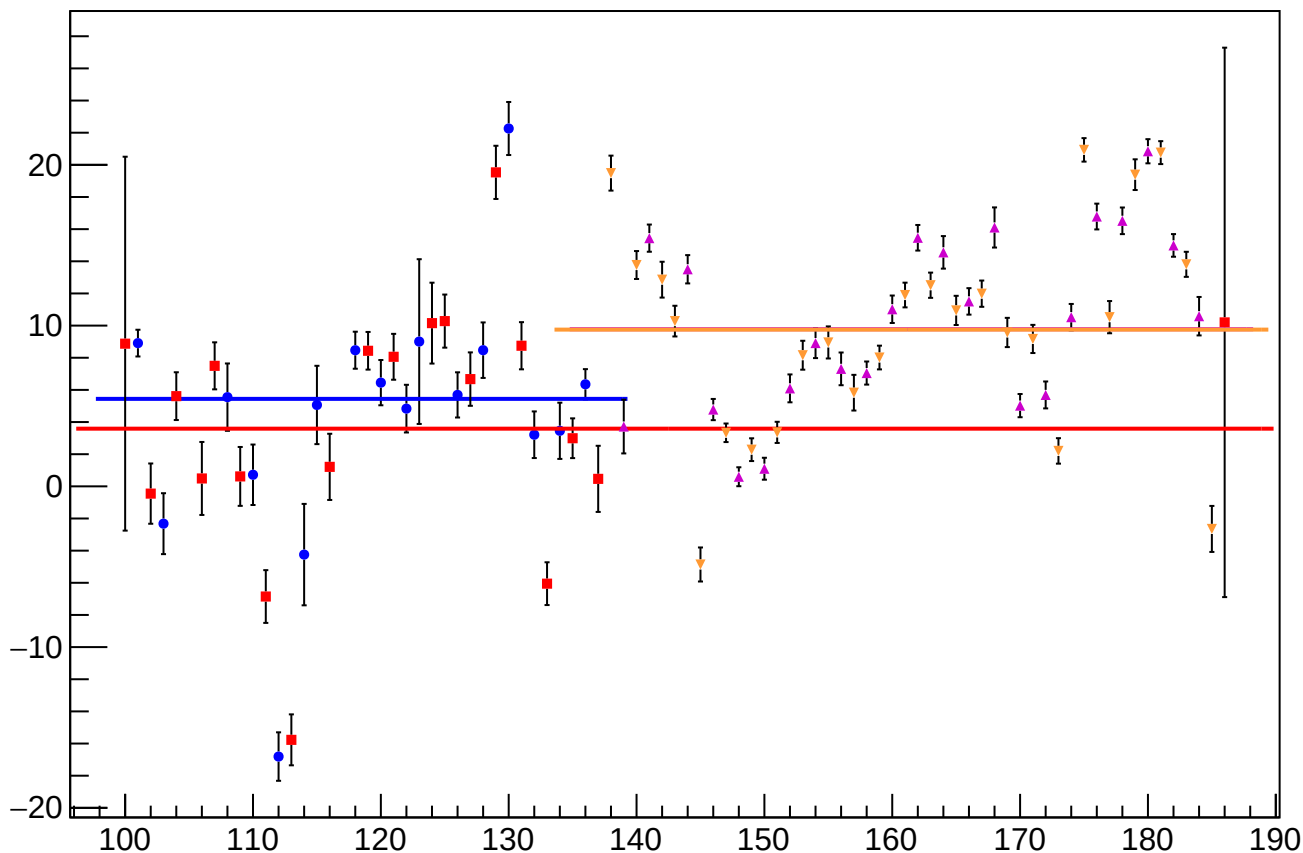
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ sign 57.172 $\pm$ 0.182 χ^2 /NDF: 8051.7/41

All: 57.468 $\pm$ 0.129 χ^2 /NDF: 15309.3/84

- sign 57.767 $\pm$ 0.183 χ^2 /NDF: 7252.3/42

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 9.750 ± 0.168 $\chi^2/\text{NDF}: 1449.2/24$

Right Out: 3.588 ± 0.375 $\chi^2/\text{NDF}: 423.4/19$

Left In: 9.775 ± 0.171 $\chi^2/\text{NDF}: 1165.6/22$

+ sign 8.969 ± 0.152 $\chi^2/\text{NDF}: 1955.7/41$

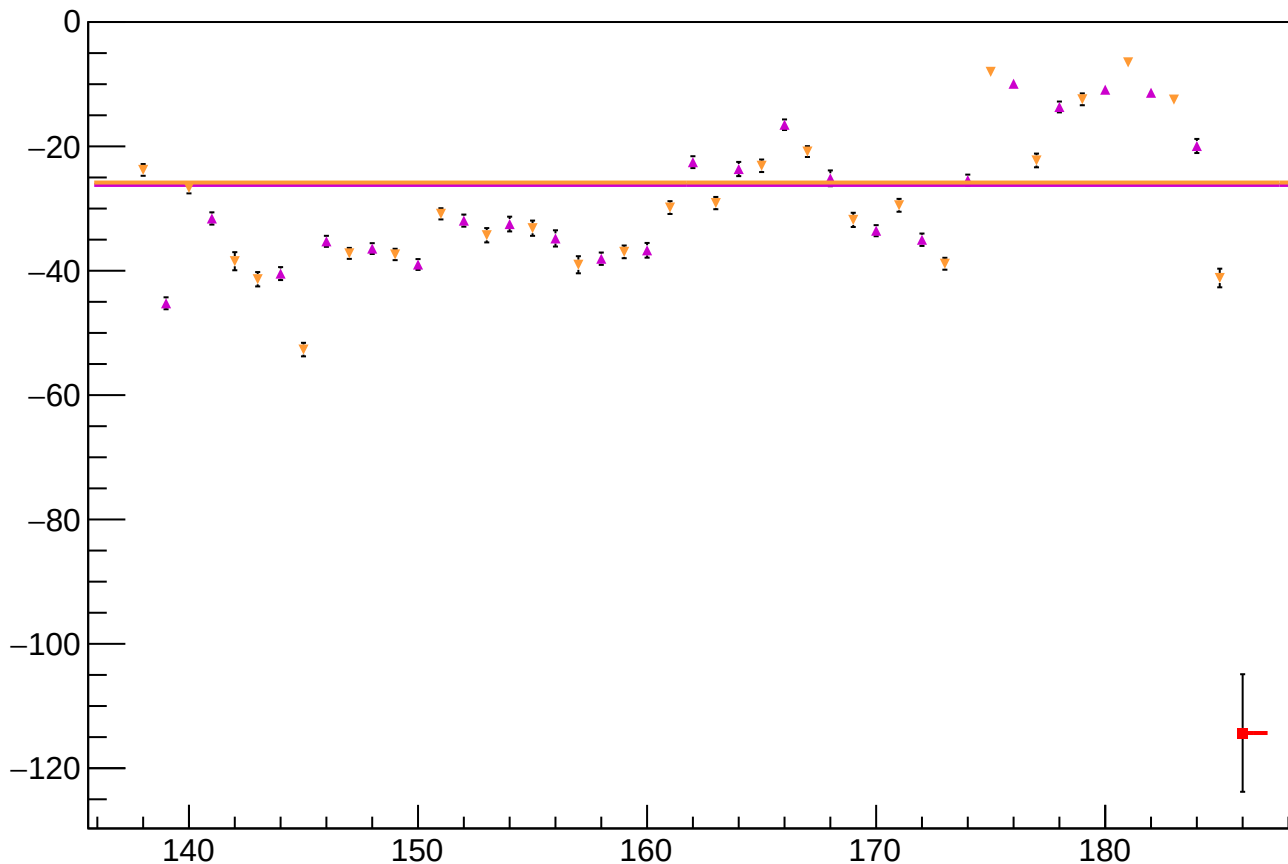
All: 8.842 ± 0.109 $\chi^2/\text{NDF}: 3771.1/84$

- sign 8.708 ± 0.156 $\chi^2/\text{NDF}: 1814.0/42$

Left In: -19.448+/-0.008 χ^2/NDF :54039.2/22

- sign -19.619+/-0.007 χ^2/NDF : 71212.4/42

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -25.814 $\pm$ 0.192 χ^2 /NDF: 4094.6/24

Right Out: -114.340 $\pm$ 9.454 χ^2 /NDF: 0.0/0

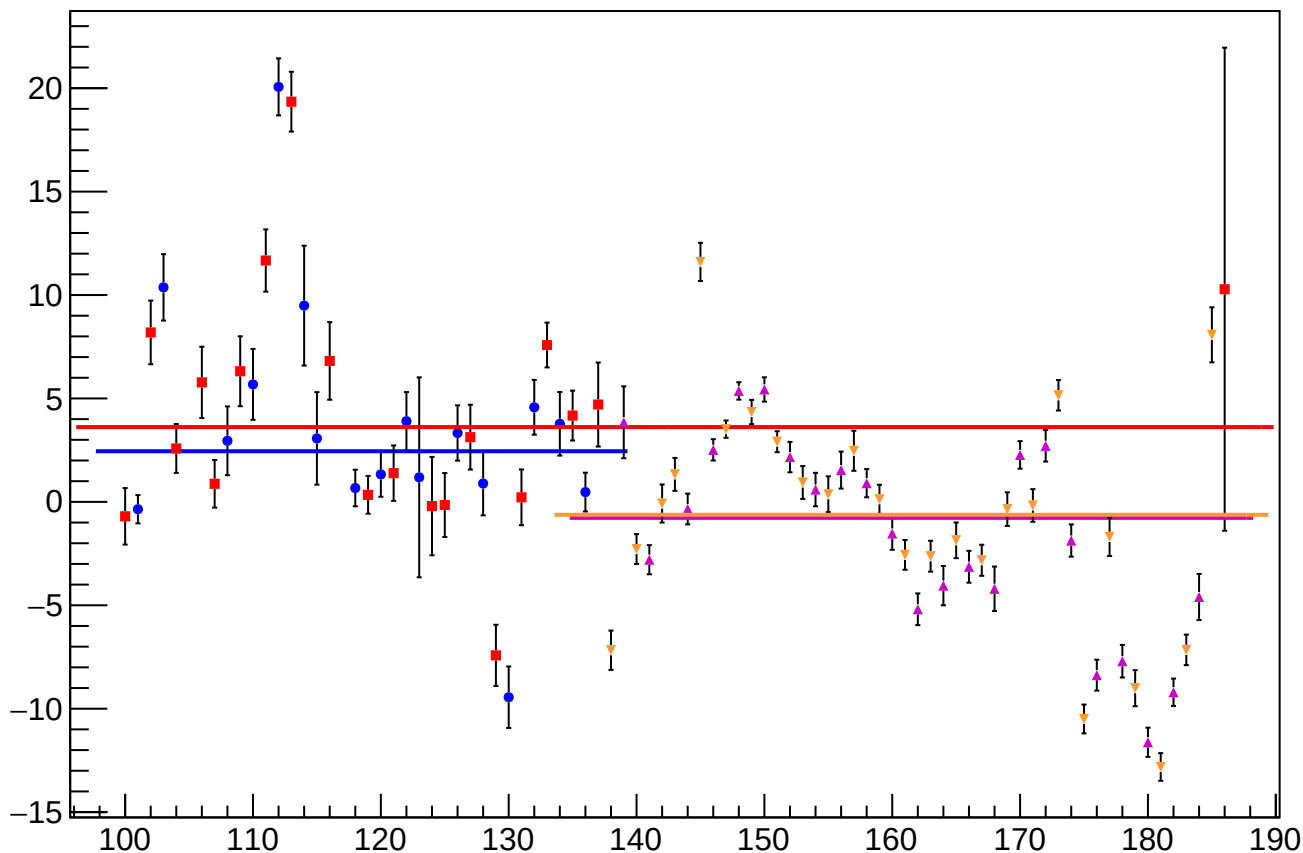
Left In: -26.200 $\pm$ 0.194 χ^2 /NDF: 3344.6/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.024 $\pm$ 0.137 χ^2 /NDF: 7528.5/48

- sign -26.237 $\pm$ 0.194 χ^2 /NDF: 3431.5/23

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: -0.625 ± 0.147 χ^2/NDF : 1303.5/24

Right Out: 3.616 ± 0.318 χ^2/NDF : 279.7/19

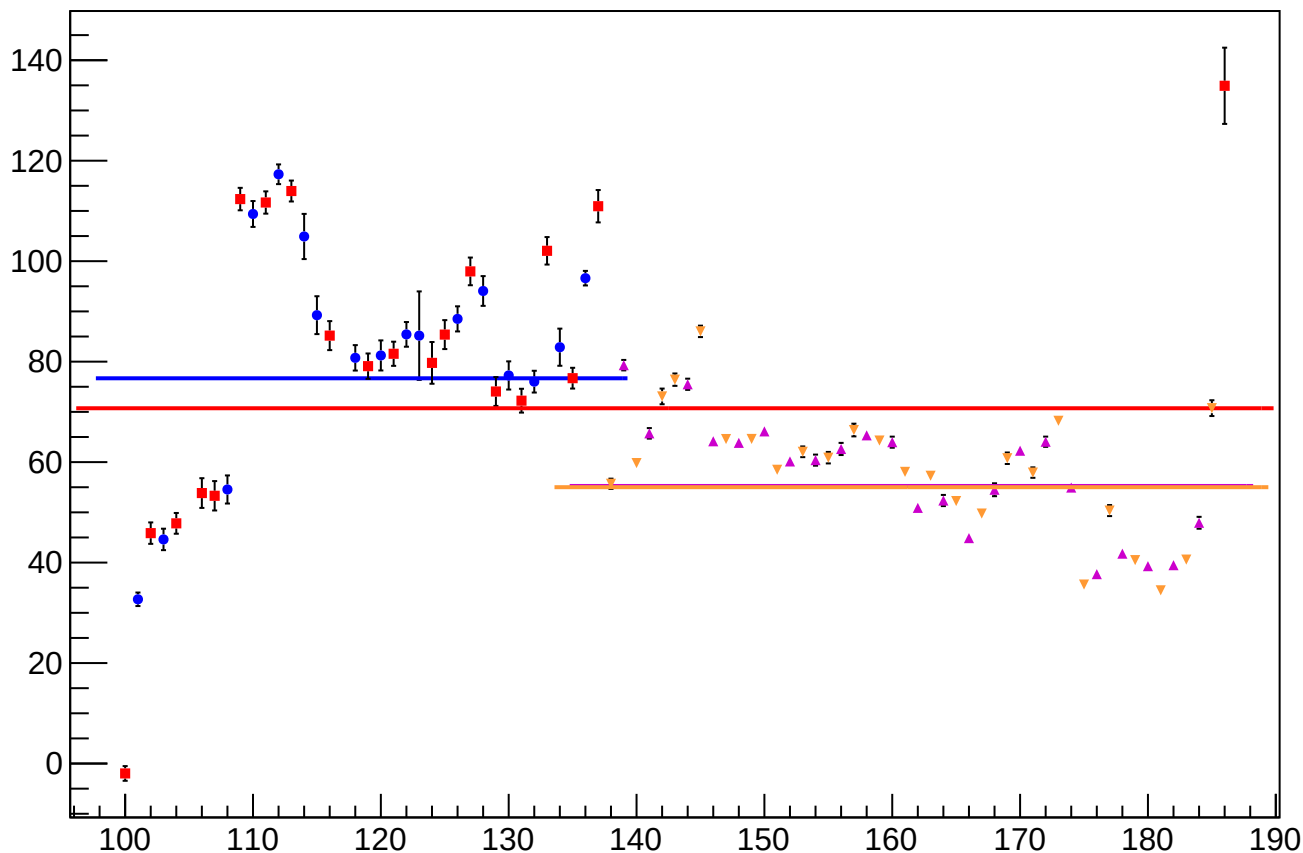
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.066 ± 0.133 χ^2/NDF : 1676.6/41

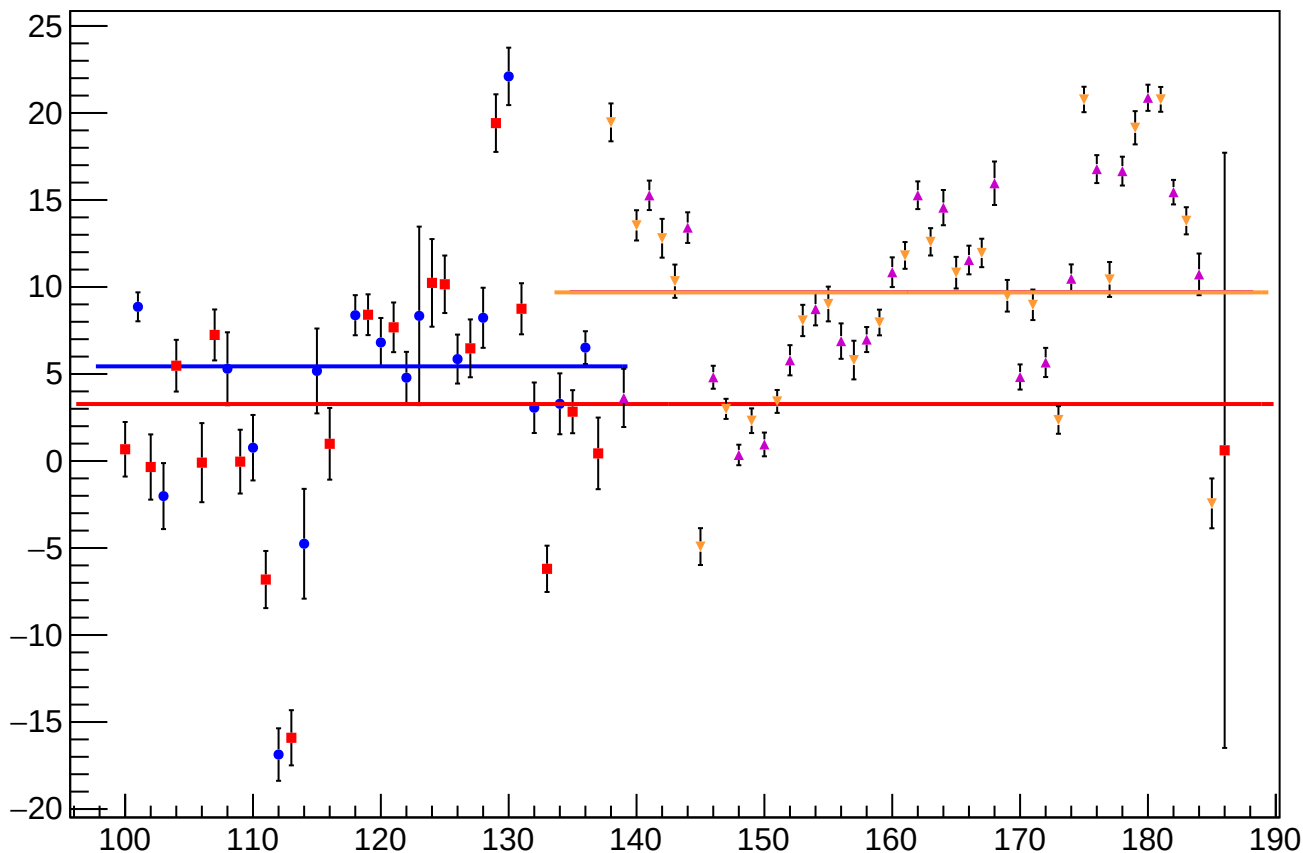
All: -0.021 ± 0.095 χ^2/NDF : 3223.7/84

- sign 0.027 ± 0.136 χ^2/NDF : 1546.8/42

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 9.691 ± 0.168 $\chi^2/\text{NDF}: 1440.3/24$

Right Out: 3.274 ± 0.365 $\chi^2/\text{NDF}: 425.8/19$

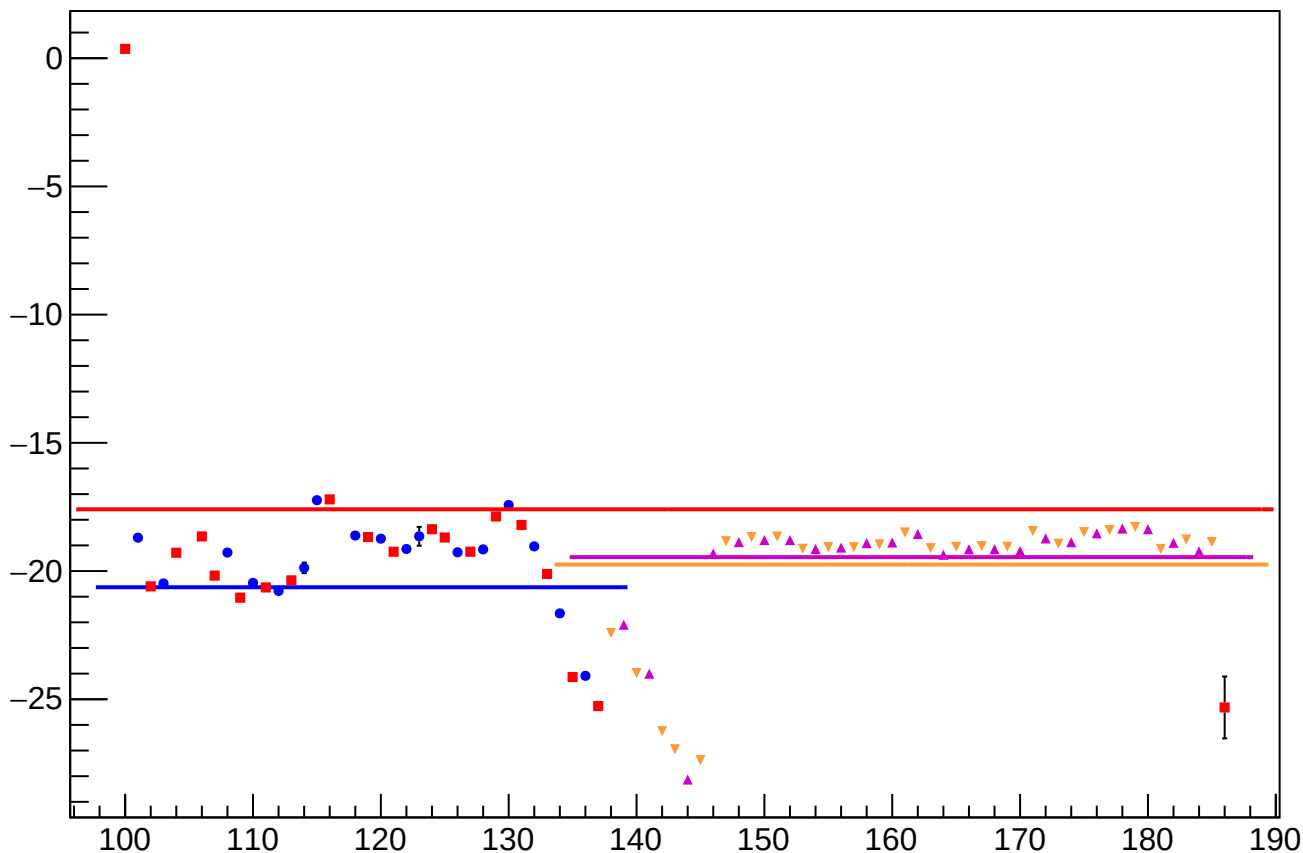
Left In: 9.708 ± 0.171 $\chi^2/\text{NDF}: 1198.0/22$

+ sign 8.920 ± 0.152 $\chi^2/\text{NDF}: 1942.0/41$

All: 8.737 ± 0.109 $\chi^2/\text{NDF}: 3823.1/84$

- sign 8.548 ± 0.155 $\chi^2/\text{NDF}: 1878.2/42$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 χ^2/NDF : 12530.8/16

Left Out: -19.746 ± 0.008 χ^2/NDF : 88374.4/24

Right Out: -17.592 ± 0.018 χ^2/NDF : 178721.6/19

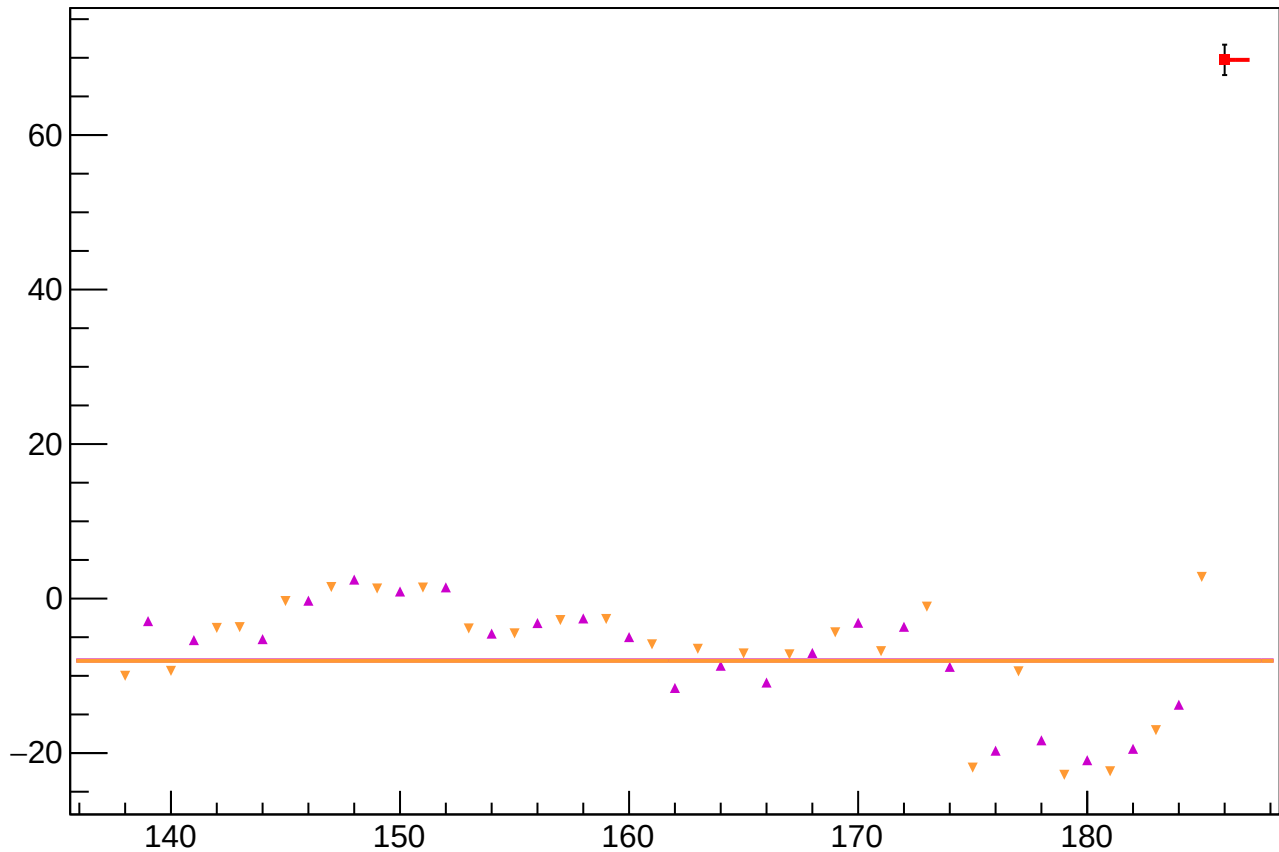
Left In: -19.457 ± 0.008 χ^2/NDF : 53995.4/22

+ sign -19.873 ± 0.007 χ^2/NDF : 102709.1/41

All: -19.511 ± 0.005 χ^2/NDF : 349273.9/84

- sign -19.155 ± 0.007 χ^2/NDF : 241697.5/42

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 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

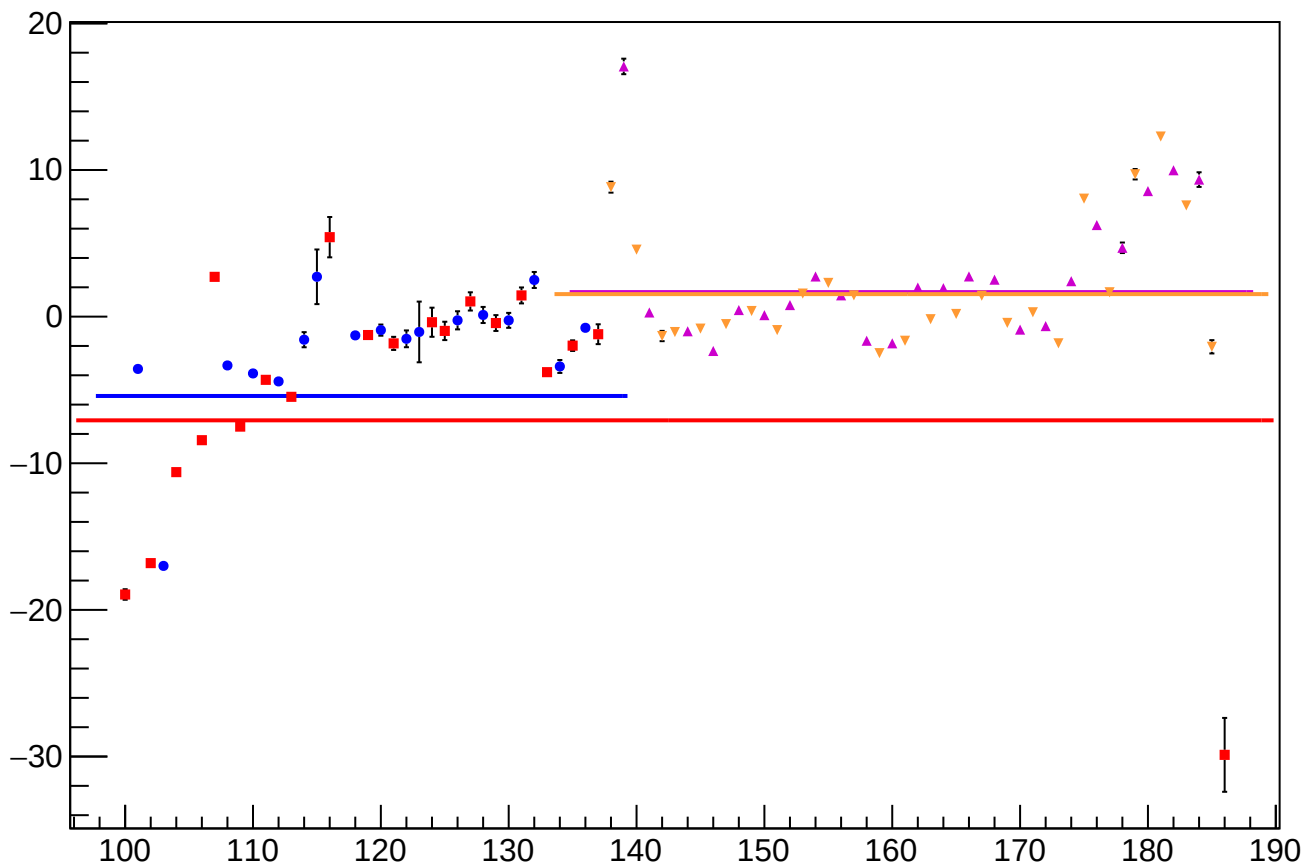
Left In: -8.010+/-0.071 χ^2/NDF : 10631.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.984+/-0.050 χ^2/NDF : 24725.8/48

- sign -7.908+/-0.071 χ^2/NDF : 12191.3/23

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 1.535 ± 0.055 χ^2/NDF : 4816.7/24

Right Out: -7.073 ± 0.059 χ^2/NDF : 12411.5/19

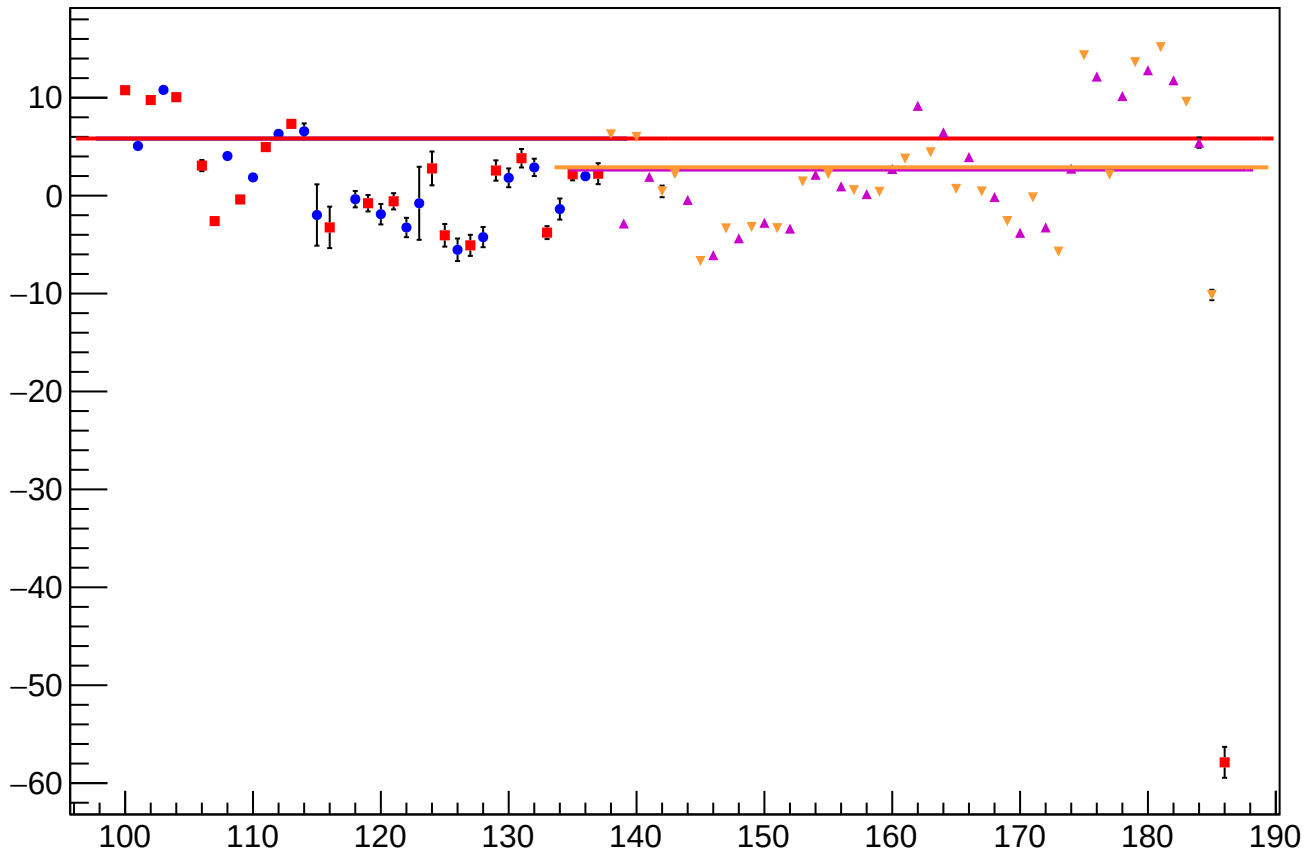
Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

+ sign -1.923 ± 0.039 χ^2/NDF : 22165.0/41

All: -2.197 ± 0.028 χ^2/NDF : 50263.7/84

- sign -2.502 ± 0.041 χ^2/NDF : 27992.5/42

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 χ^2/NDF : 1452.6/16

Left Out: 2.891 ± 0.070 χ^2/NDF : 8889.4/24

Right Out: 5.833 ± 0.093 χ^2/NDF : 4303.4/19

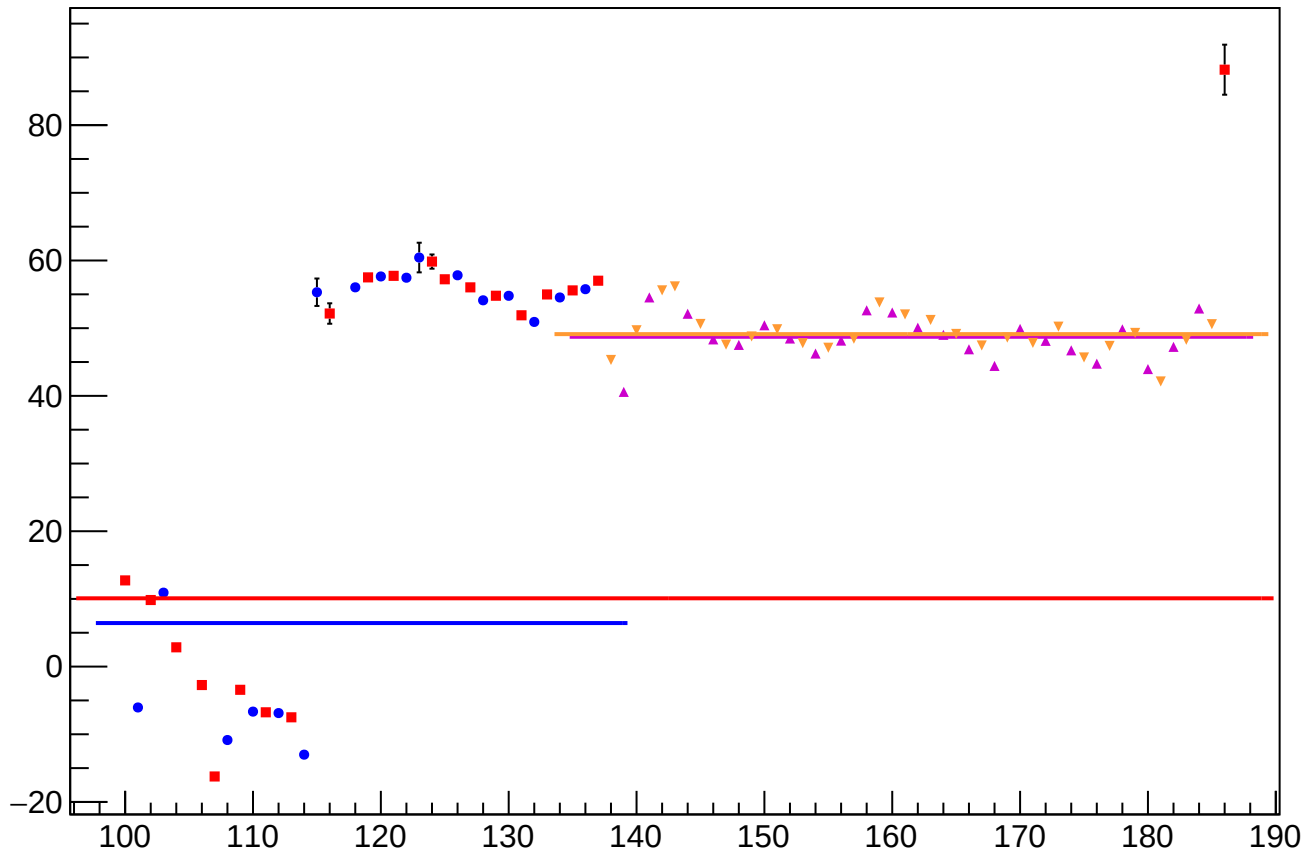
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 4.011 ± 0.055 χ^2/NDF : 11004.5/41

All: 3.922 ± 0.040 χ^2/NDF : 23354.4/84

- sign 3.829 ± 0.056 χ^2/NDF : 12344.5/42

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 49.121 ± 0.062 χ^2/NDF : 2165.4/24

Right Out: 10.088 ± 0.070 χ^2/NDF : 122262.4/19

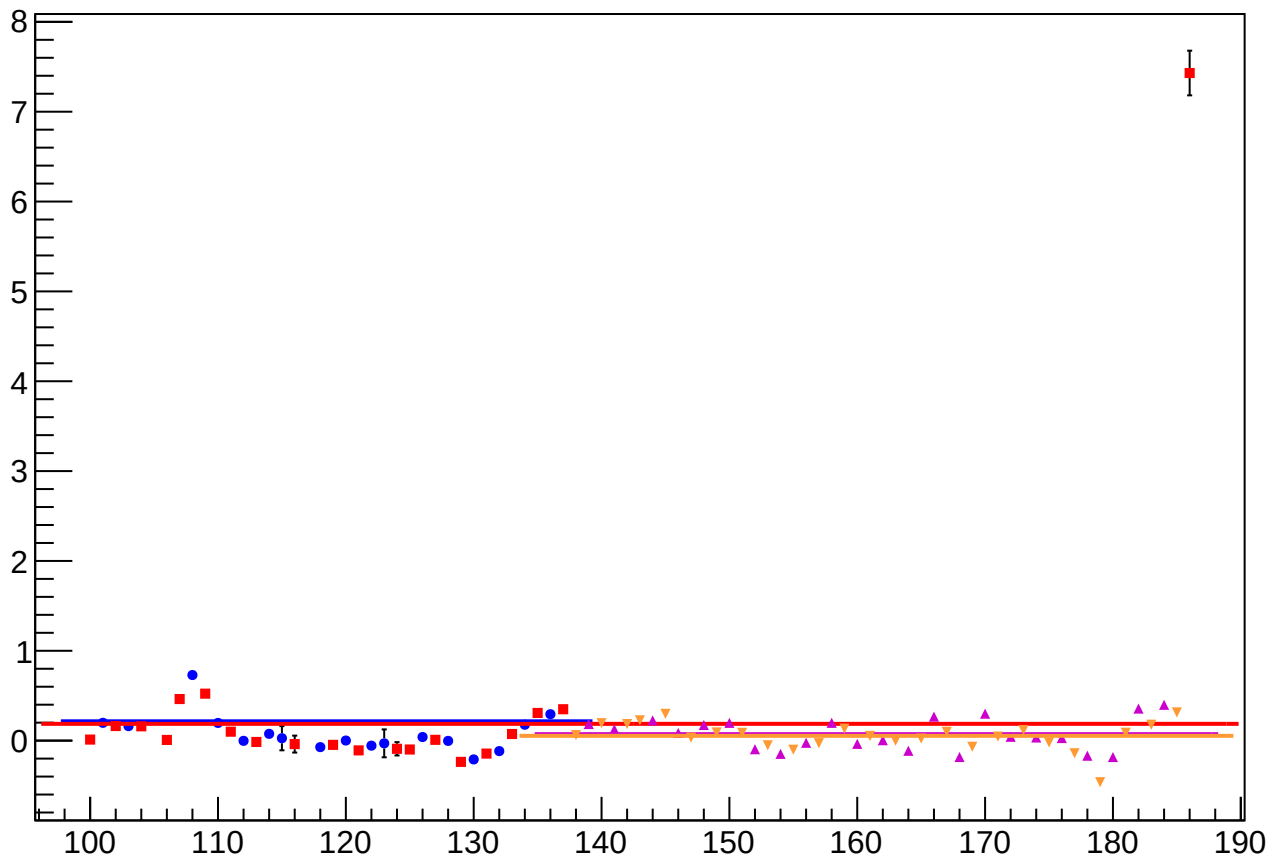
Left In: 48.731 ± 0.064 χ^2/NDF : 2117.7/22

+ sign 28.727 ± 0.045 χ^2/NDF : 353008.3/41

All: 29.900 ± 0.032 χ^2/NDF : 646590.7/84

- 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: 3930.1/16

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

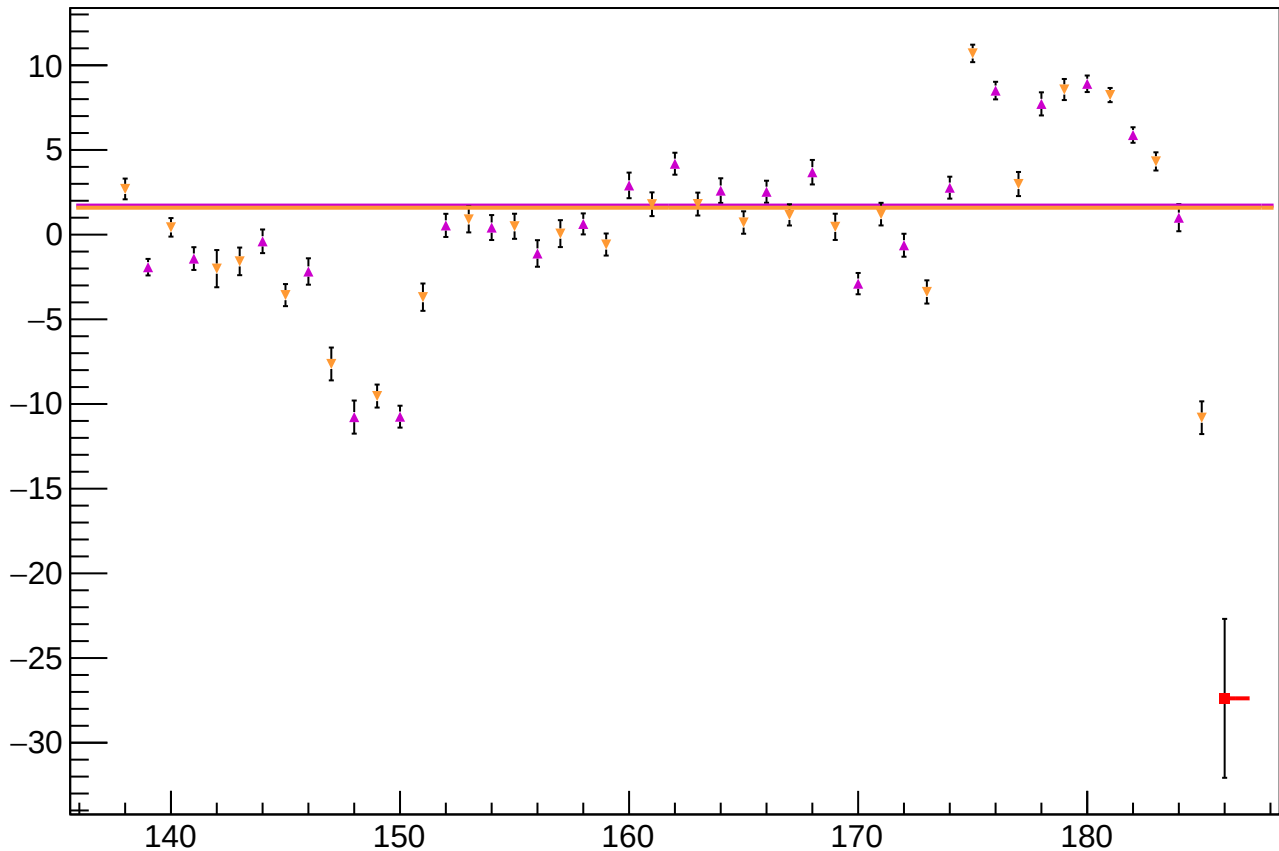
Left In: 0.072 $\pm$ 0.003 χ^2 /NDF:3272.0/22

+ sign 0.136 $\pm$ 0.002 χ^2 /NDF: 7965.7/41

All: 0.134 $\pm$ 0.001 χ^2 /NDF: 15670.7/84

- sign 0.133 $\pm$ 0.002 χ^2 /NDF: 7703.5/42

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 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

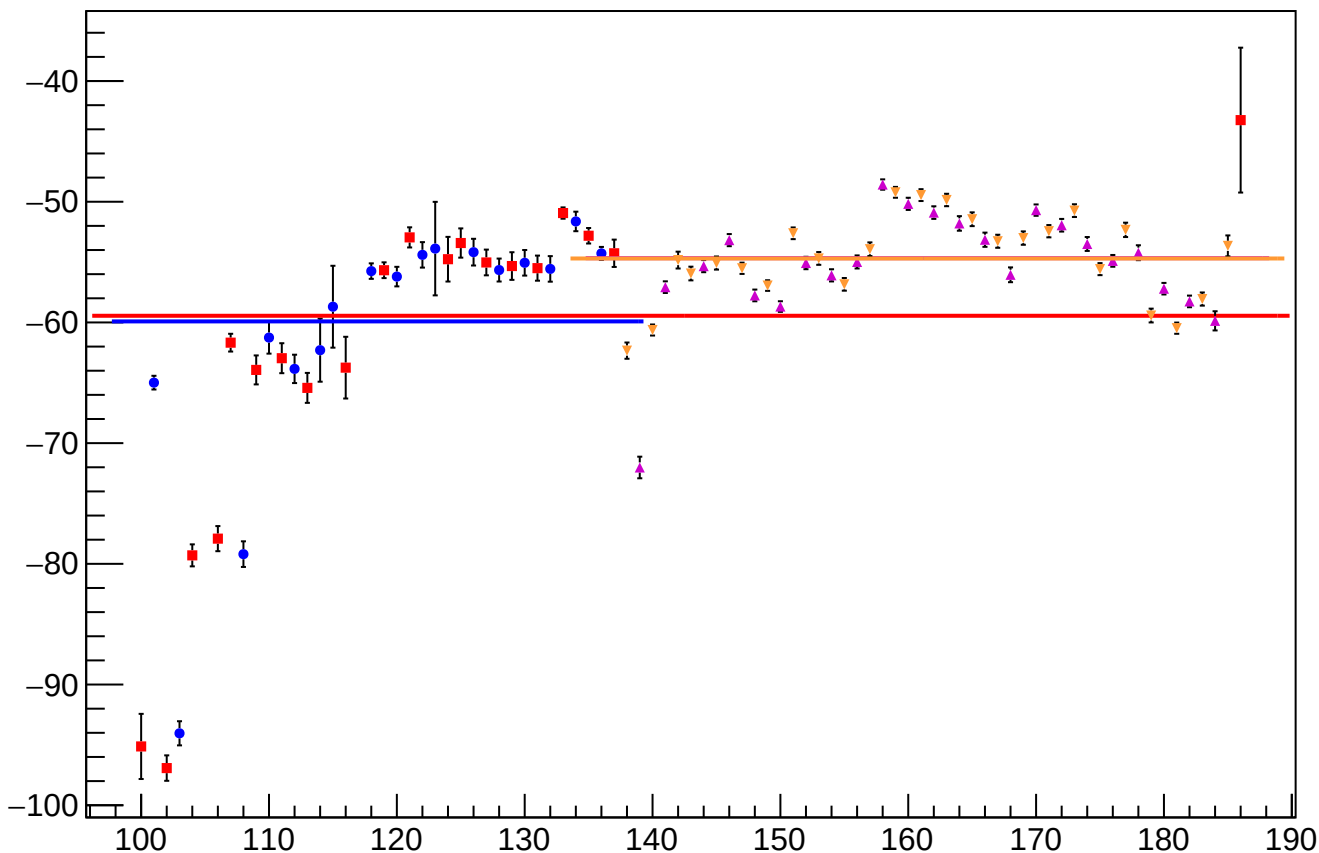
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.640 ± 0.094 χ^2/NDF : 2809.7/48

- sign 1.692 ± 0.134 χ^2/NDF : 1351.9/23

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -54.701 ± 0.106 χ^2/NDF : 1124.5/24

Right Out: -59.447 ± 0.212 χ^2/NDF : 2920.0/19

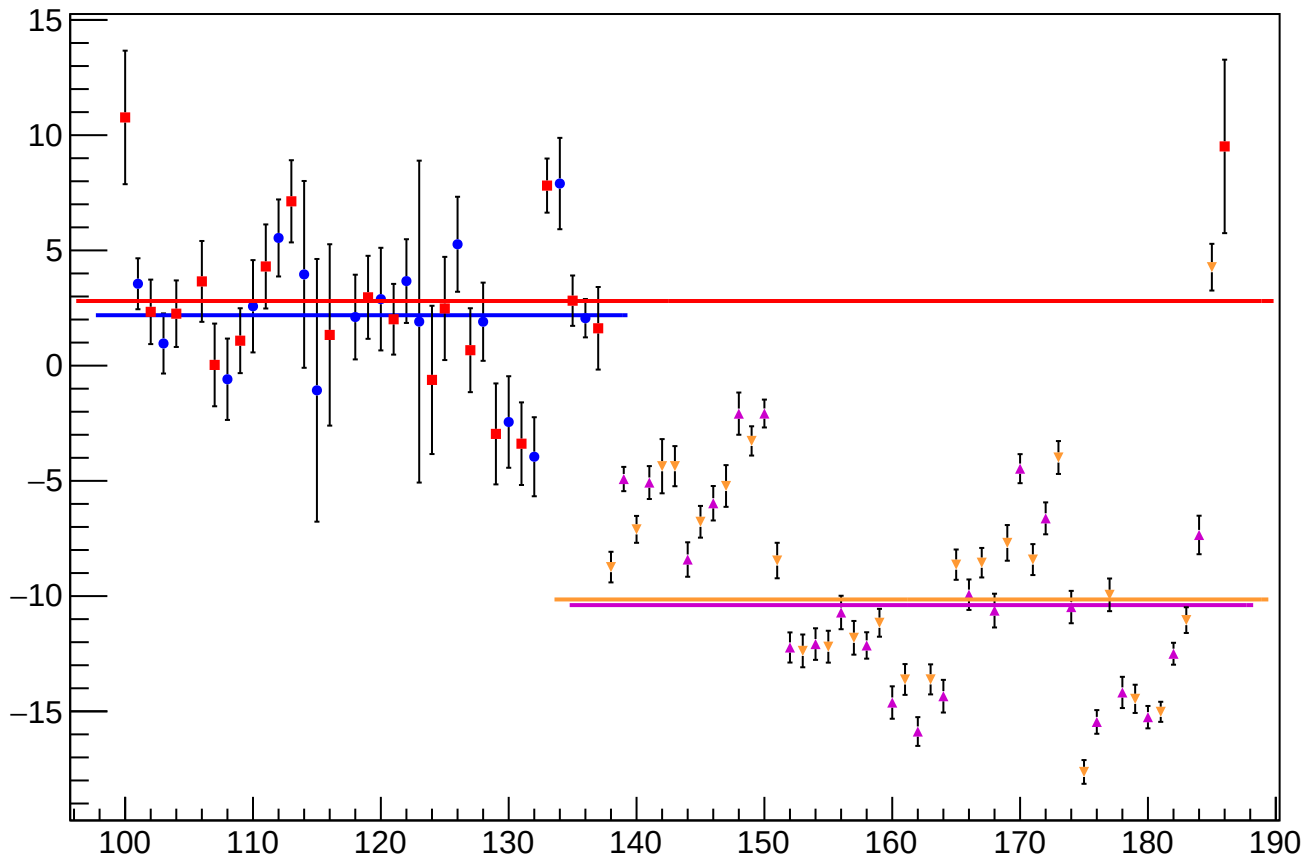
Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

+ sign -55.662 ± 0.096 χ^2/NDF : 3549.8/41

All: -55.671 ± 0.068 χ^2/NDF : 8010.5/84

- sign -55.682 ± 0.097 χ^2/NDF : 4460.6/42

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 χ^2/NDF : 39.1/16

Left Out: -10.146 ± 0.133 χ^2/NDF : 1051.2/24

Right Out: 2.804 ± 0.386 χ^2/NDF : 62.1/19

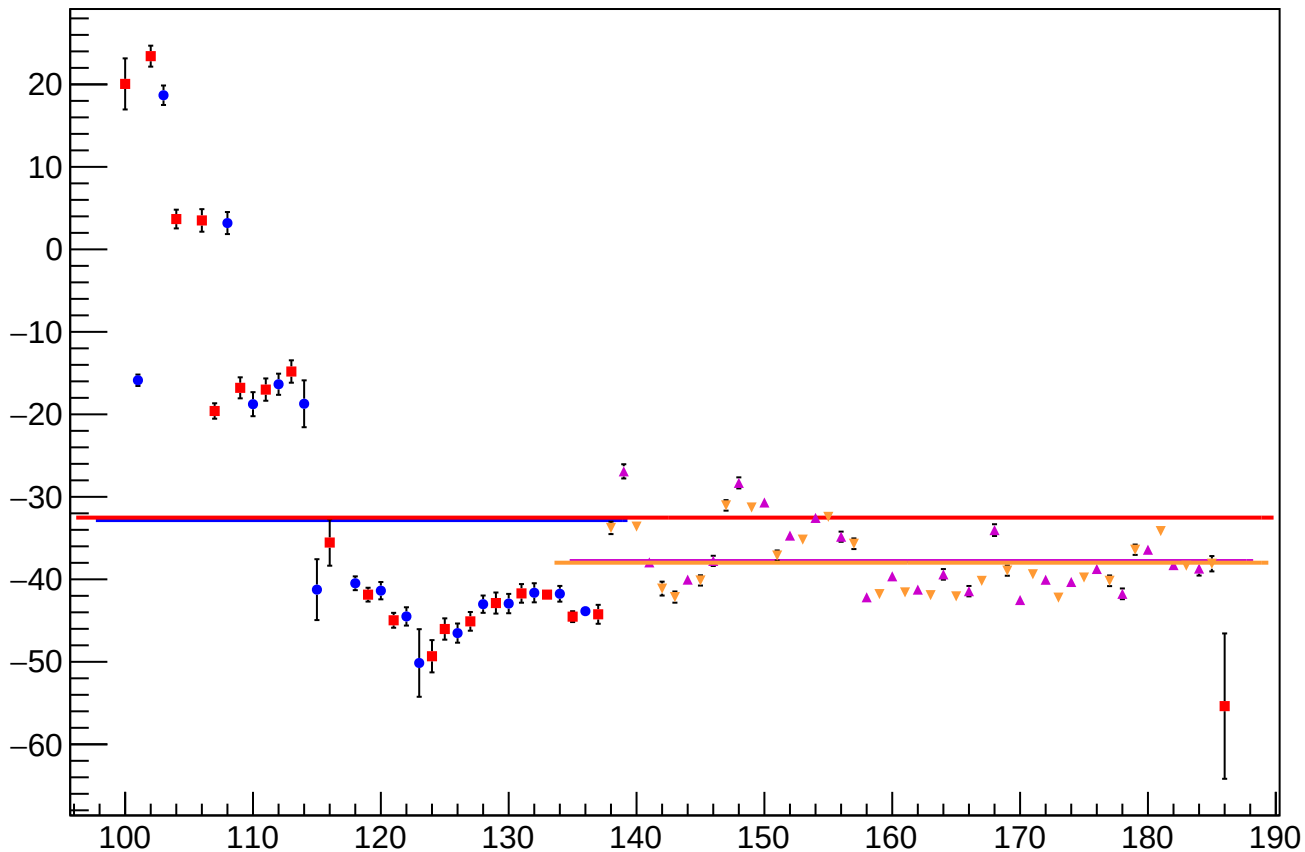
Left In: -10.391 ± 0.134 χ^2/NDF : 1024.8/22

+ sign -8.940 ± 0.126 χ^2/NDF : 1930.8/41

All: -8.957 ± 0.089 χ^2/NDF : 4062.9/84

- sign -8.974 ± 0.126 χ^2/NDF : 2132.1/42

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 χ^2/NDF : 4666.6/16

Left Out: -37.983 ± 0.119 χ^2/NDF : 936.9/24

Right Out: -32.518 ± 0.244 χ^2/NDF : 6044.6/19

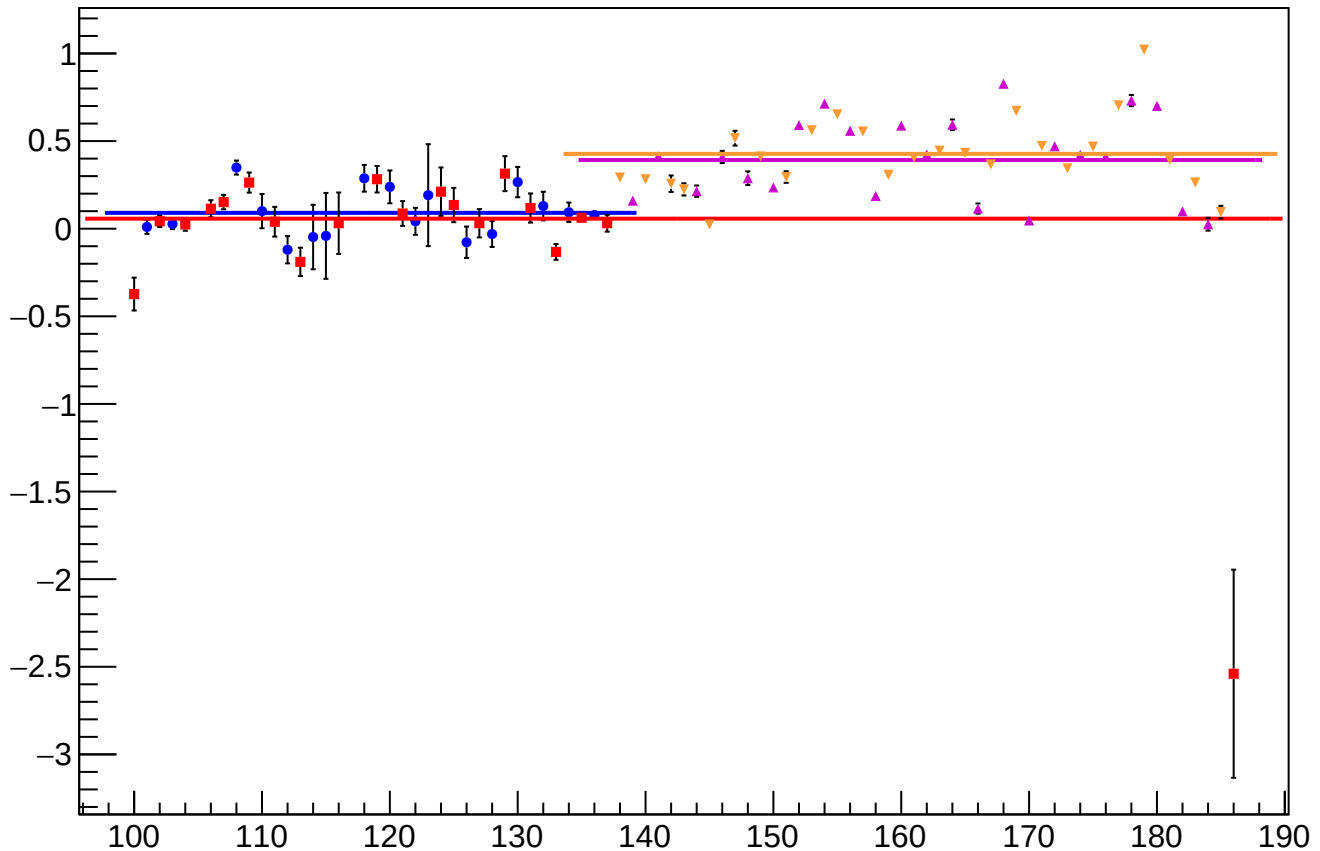
Left In: -37.784 ± 0.122 χ^2/NDF : 1079.7/22

+ sign -37.053 ± 0.108 χ^2/NDF : 5942.8/41

All: -36.894 ± 0.077 χ^2/NDF : 13444.5/84

- sign -36.731 ± 0.109 χ^2/NDF : 7497.2/42

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.2/16

Left Out: 0.427 $\pm$ 0.005 χ^2 /NDF:1293.3/24

Right Out: 0.057 $\pm$ 0.012 χ^2 /NDF: 106.4/19

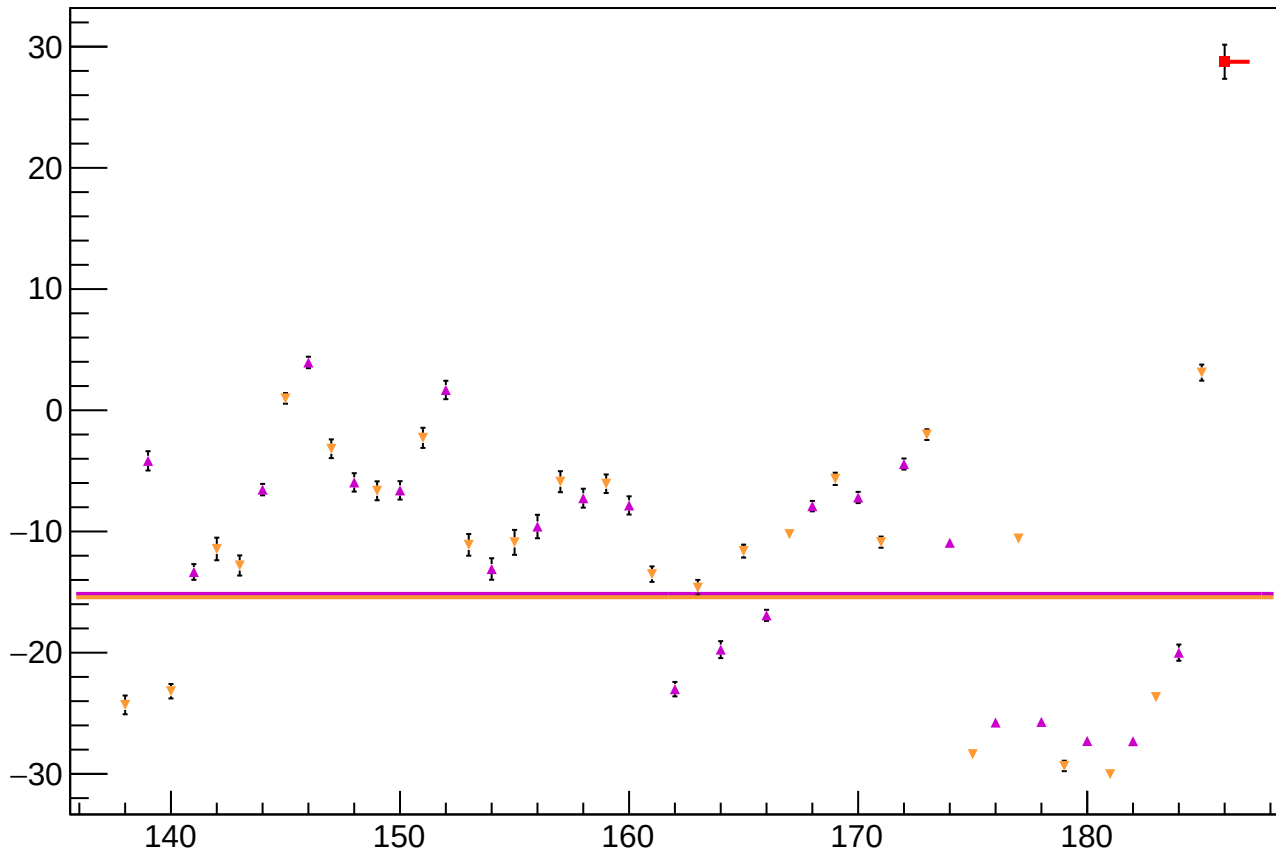
Left In: 0.392 $\pm$ 0.005 χ^2 /NDF:1835.6/22

+ sign 0.376 $\pm$ 0.005 χ^2 /NDF: 1966.0/41

All: 0.356 $\pm$ 0.003 χ^2 /NDF: 4573.9/84

- sign 0.337 $\pm$ 0.005 χ^2 /NDF: 2577.0/42

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 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

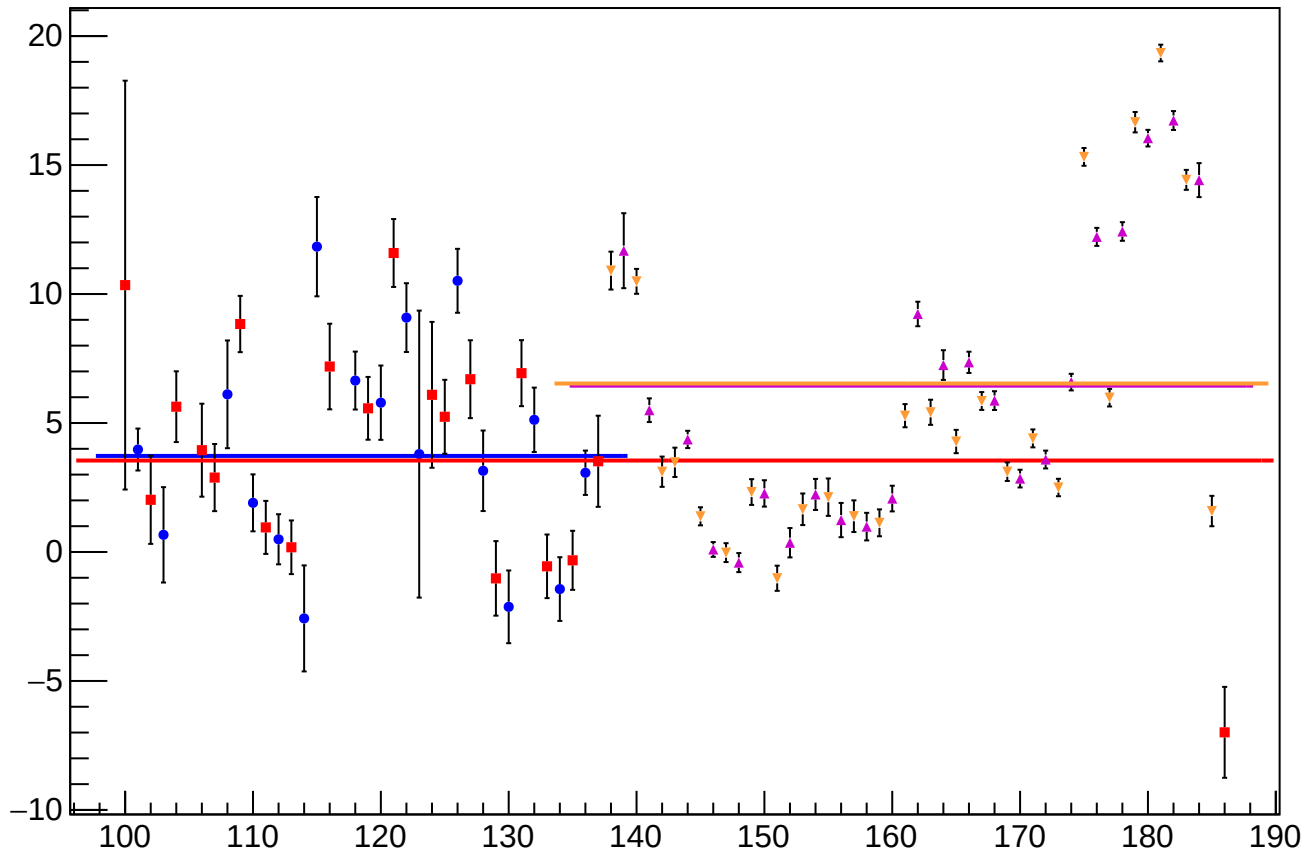
Left In: -15.151+/-0.106 χ^2/NDF :8744.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.167+/-0.075 χ^2/NDF : 20221.2/48

- sign -14.903+/-0.106 χ^2/NDF : 9709.3/23

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 6.531 ± 0.086 χ^2/NDF : 4969.5/24

Right Out: 3.546 ± 0.311 χ^2/NDF : 171.3/19

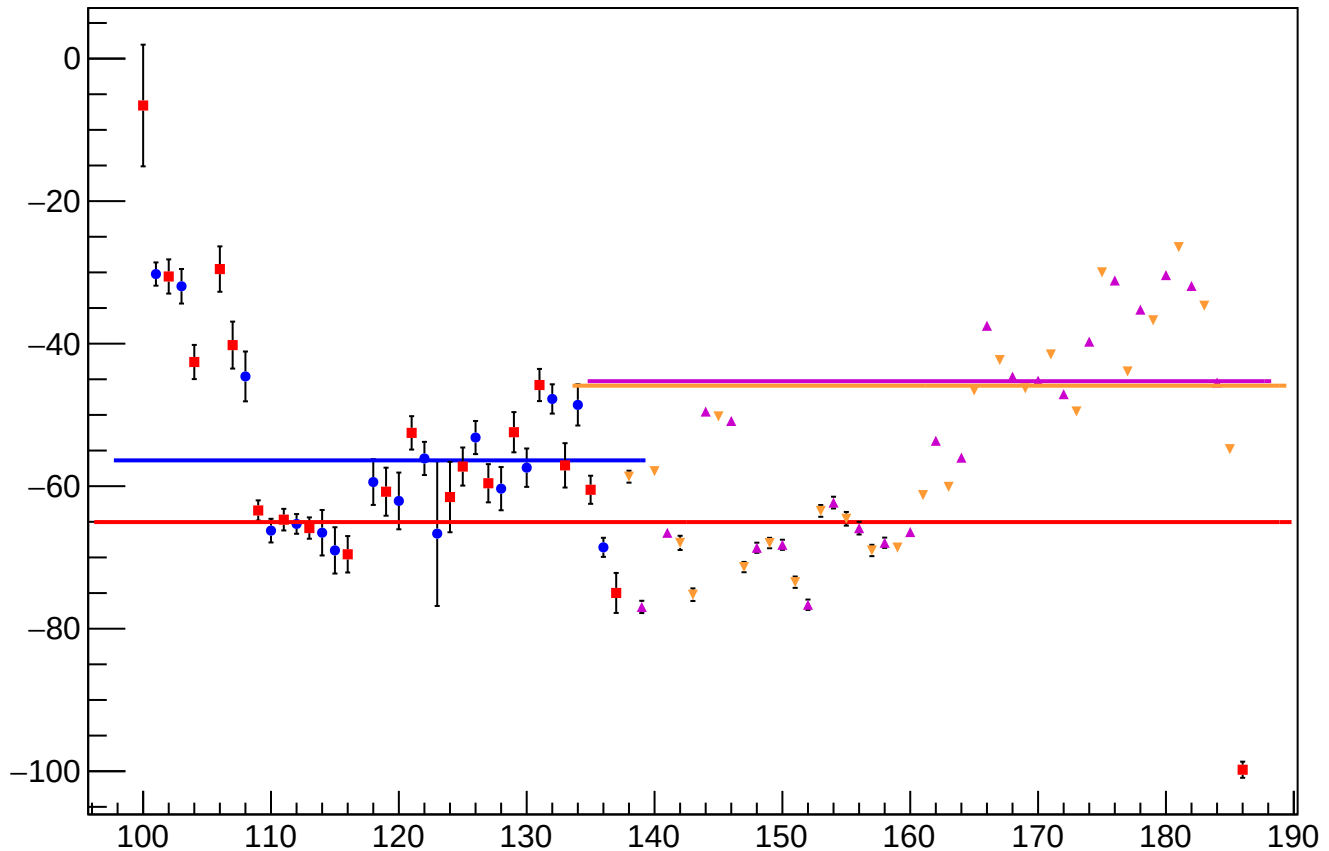
Left In: 6.448 ± 0.086 χ^2/NDF : 3955.6/22

+ sign 6.330 ± 0.082 χ^2/NDF : 5183.1/41

All: 6.287 ± 0.058 χ^2/NDF : 9391.4/84

- sign 6.243 ± 0.083 χ^2/NDF : 4207.7/42

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -45.897 ± 0.106 χ^2/NDF : 17133.8/24

Right Out: -65.038 ± 0.484 χ^2/NDF : 1628.7/19

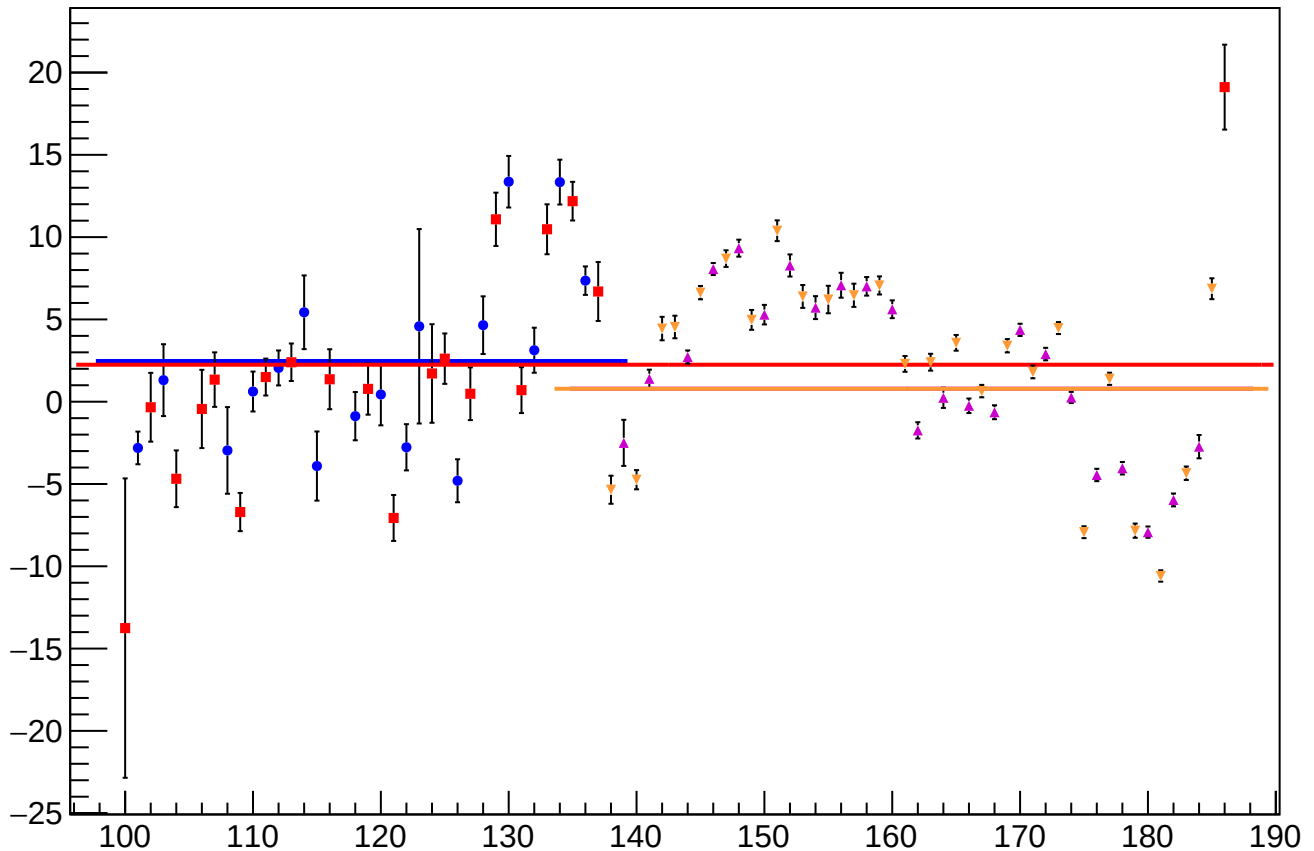
Left In: -45.268 ± 0.107 χ^2/NDF : 15775.7/22

+ sign -46.286 ± 0.104 χ^2/NDF : 18081.4/41

All: -46.235 ± 0.074 χ^2/NDF : 37075.3/84

- sign -46.184 ± 0.104 χ^2/NDF : 18993.4/42

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473+/-0.345 χ^2/NDF : 243.6/16

Left Out: 0.787+/-0.096 χ^2/NDF : 3746.7/24

Right Out: 2.247+/-0.352 χ^2/NDF : 310.2/19

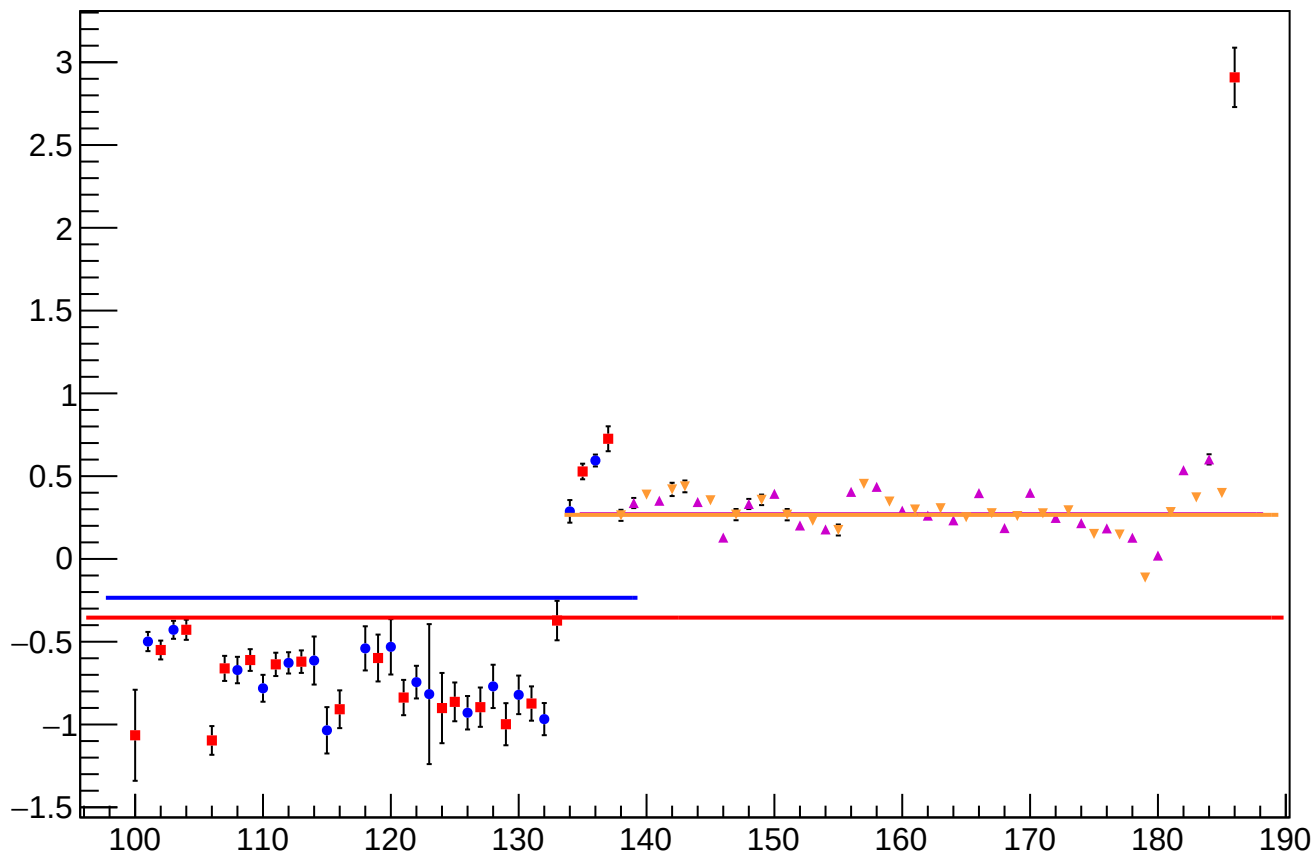
Left In: 0.791+/-0.096 χ^2/NDF : 2697.7/22

+ sign 0.907+/-0.092 χ^2/NDF : 4012.4/41

All: 0.900+/-0.065 χ^2/NDF : 7036.2/84

- sign 0.893+/-0.093 χ^2/NDF : 3023.8/42

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.266 ± 0.004 χ^2/NDF : 698.1/24

Right Out: -0.354 ± 0.019 χ^2/NDF : 1187.9/19

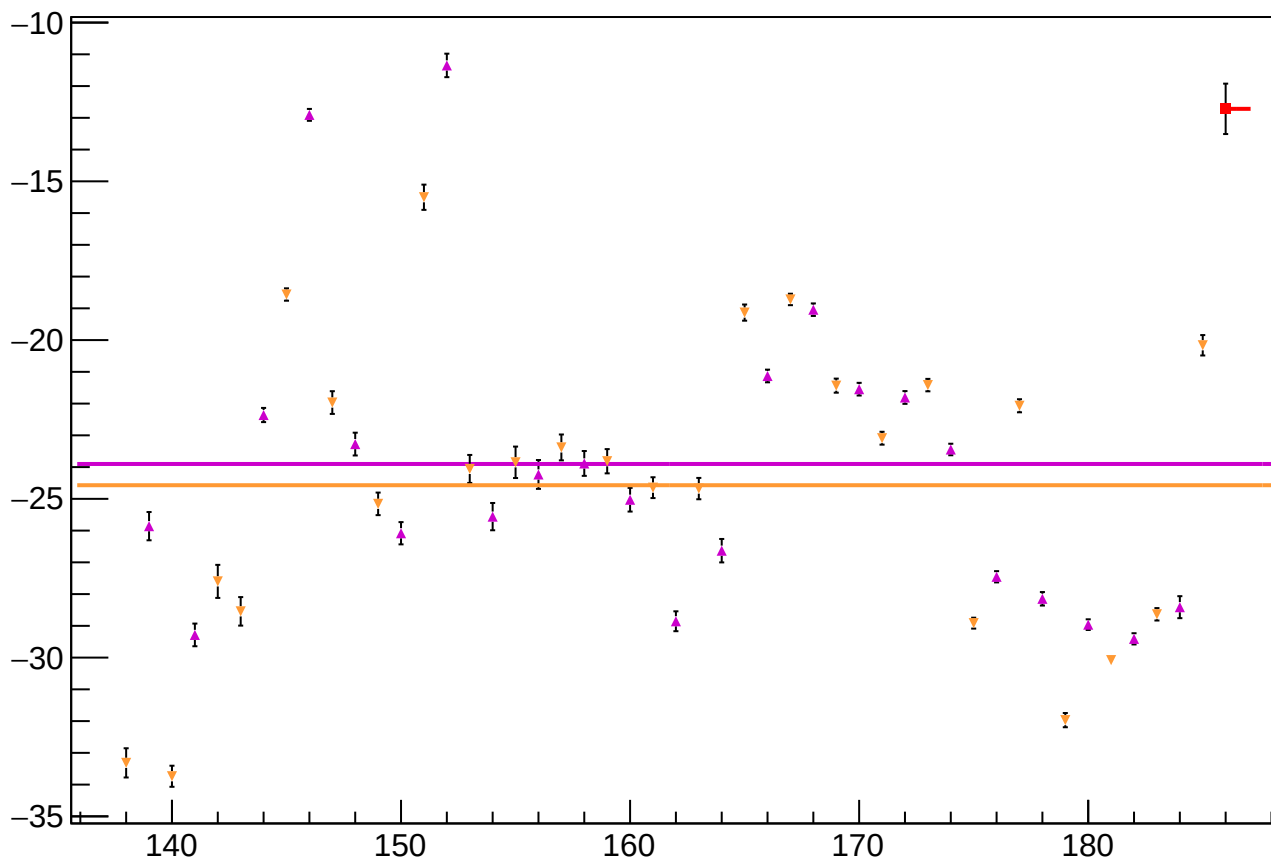
Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

+ sign 0.241 ± 0.004 χ^2/NDF : 2325.4/41

All: 0.239 ± 0.003 χ^2/NDF : 5528.6/84

- sign 0.238 ± 0.004 χ^2/NDF : 3202.9/42

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 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

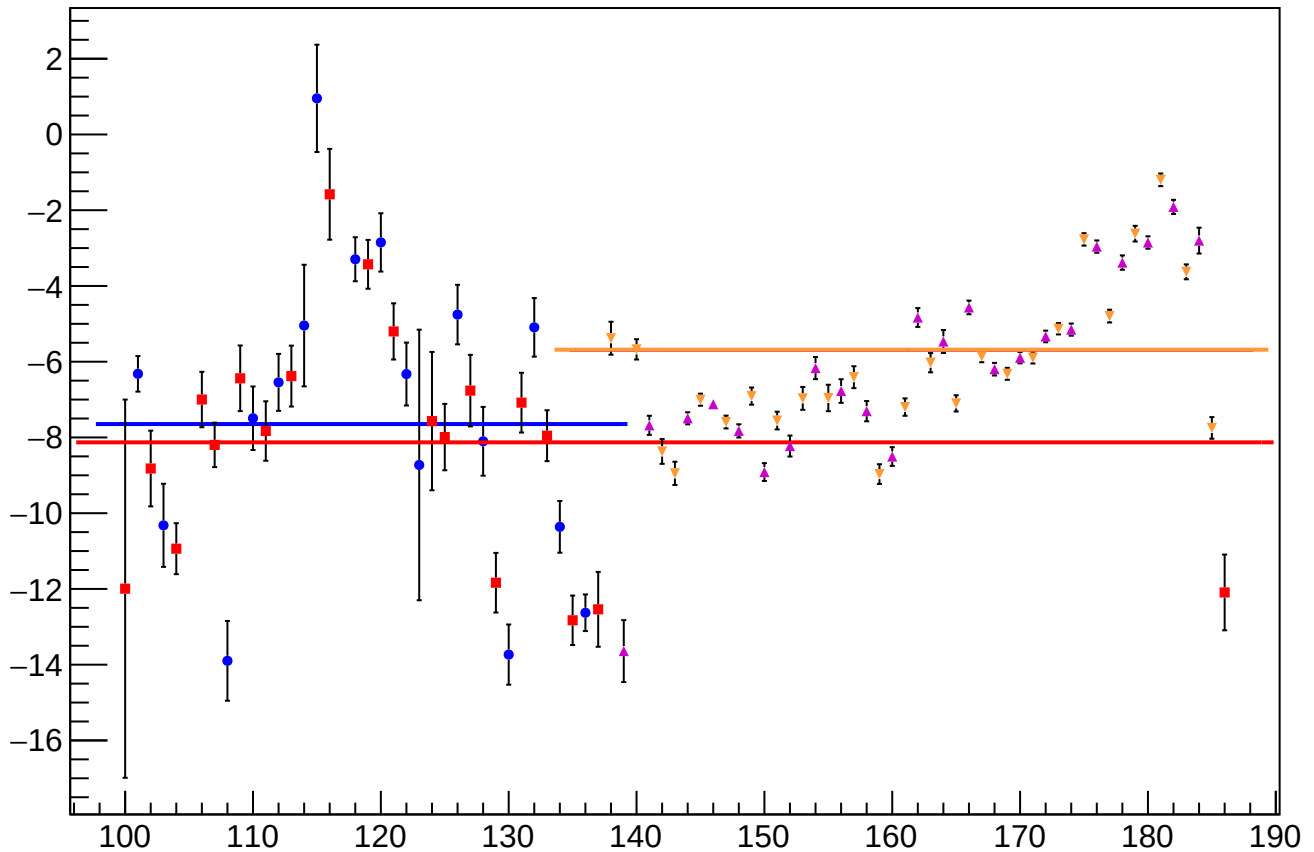
Left In: -23.902 ± 0.051 χ^2/NDF : 9158.9/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.212 ± 0.036 χ^2/NDF : 18065.4/48

- sign -23.856 ± 0.051 χ^2/NDF : 9356.7/23

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 $\chi^2/\text{NDF}: 393.6/16$

Left Out: -5.683 ± 0.041 $\chi^2/\text{NDF}: 2231.0/24$

Right Out: -8.129 ± 0.183 $\chi^2/\text{NDF}: 241.7/19$

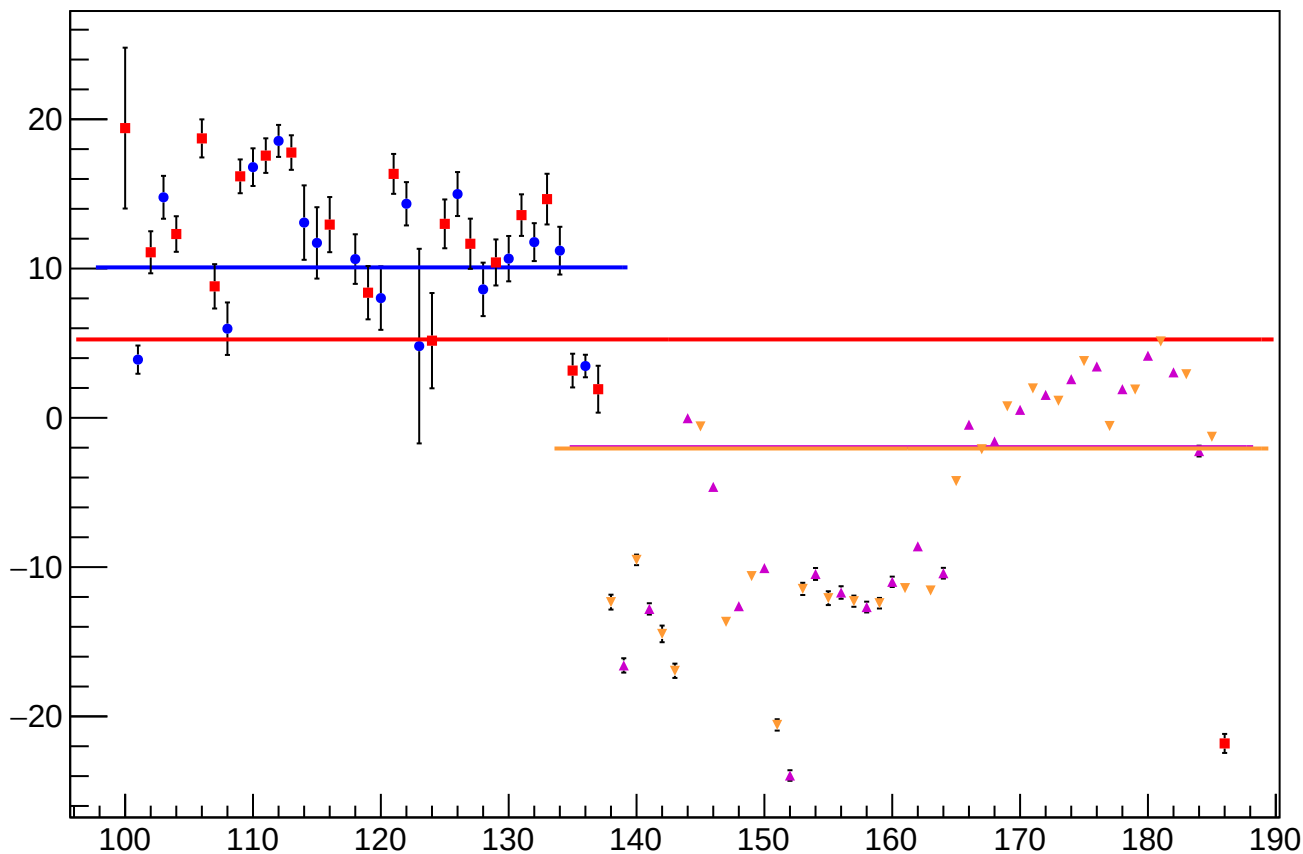
Left In: -5.690 ± 0.041 $\chi^2/\text{NDF}: 2328.2/22$

+ sign -5.775 ± 0.040 $\chi^2/\text{NDF}: 2731.2/41$

All: -5.790 ± 0.028 $\chi^2/\text{NDF}: 5471.3/84$

- sign -5.805 ± 0.040 $\chi^2/\text{NDF}: 2739.8/42$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -2.055 ± 0.051 $\chi^2/\text{NDF}: 16042.5/24$

Right Out: 5.251 ± 0.295 $\chi^2/\text{NDF}: 2515.8/19$

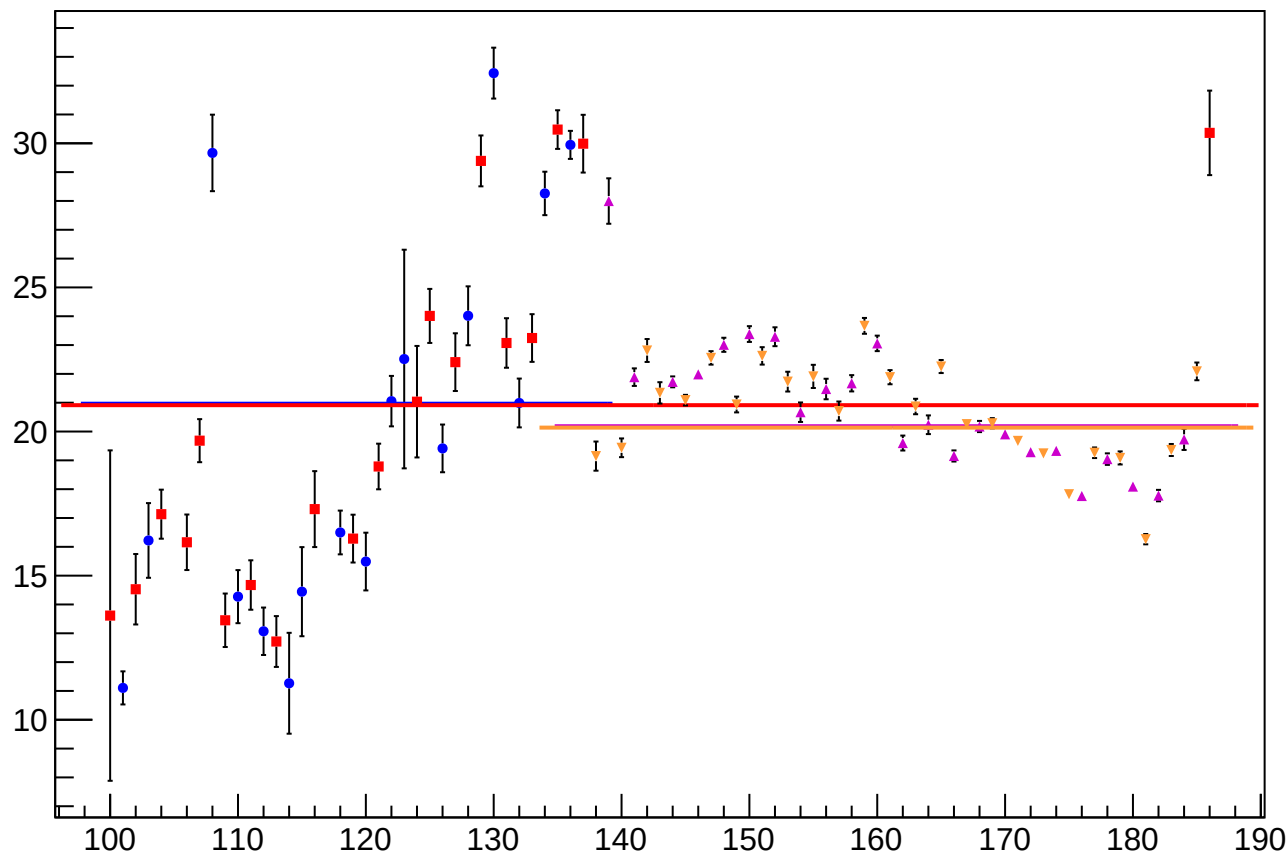
Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

+ sign -1.778 ± 0.051 $\chi^2/\text{NDF}: 17563.5/41$

All: -1.766 ± 0.036 $\chi^2/\text{NDF}: 36154.0/84$

- sign -1.753 ± 0.050 $\chi^2/\text{NDF}: 18590.4/42$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965 $\pm$ 0.209 χ^2 /NDF: 1225.5/16

Left Out: 20.136 $\pm$ 0.046 χ^2 /NDF: 1414.2/24

Right Out: 20.914 $\pm$ 0.210 χ^2 /NDF: 772.3/19

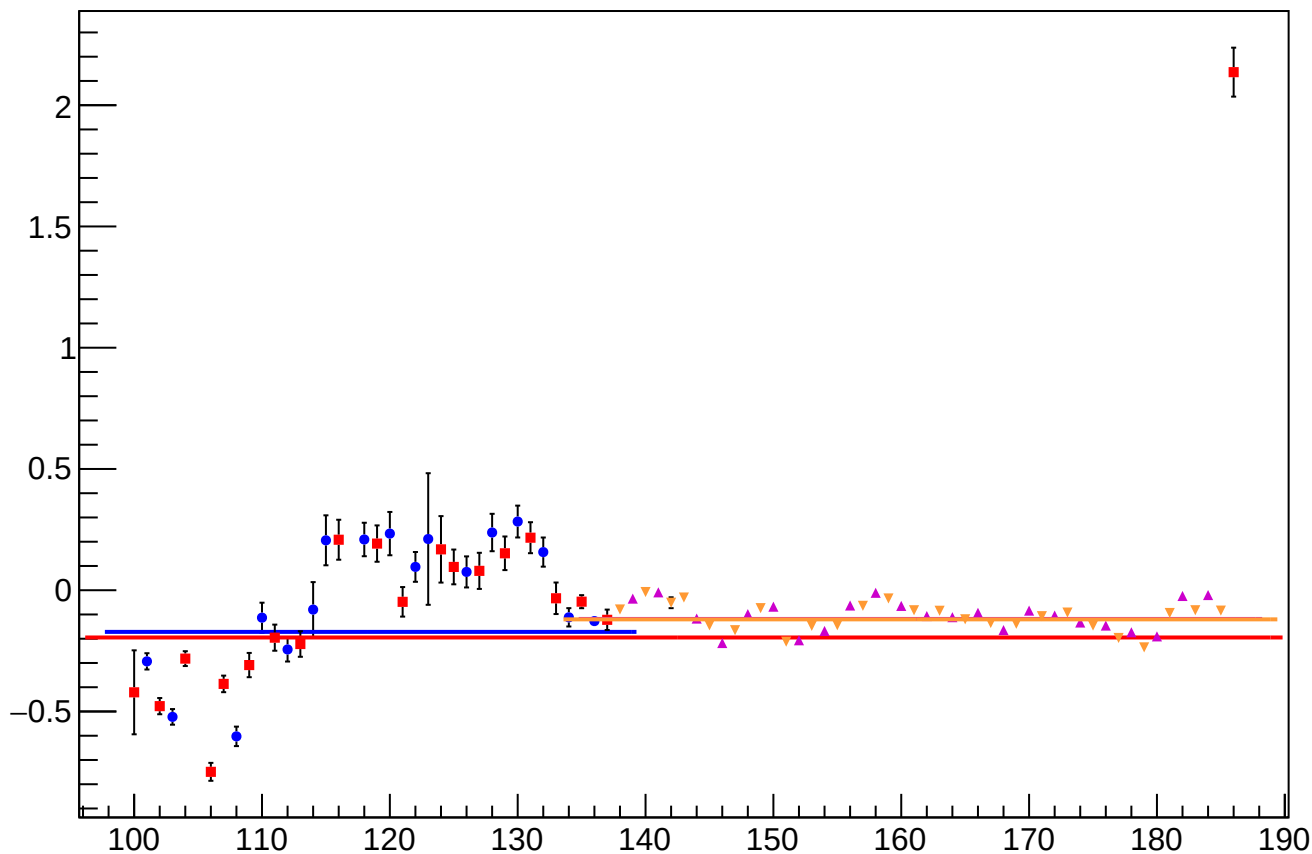
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

+ sign 20.174 $\pm$ 0.045 χ^2 /NDF: 2654.7/41

All: 20.196 $\pm$ 0.032 χ^2 /NDF: 4909.6/84

- sign 20.217 $\pm$ 0.045 χ^2 /NDF: 2254.5/42

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.120 ± 0.002 χ^2/NDF : 532.4/24

Right Out: -0.195 ± 0.011 χ^2/NDF : 1075.6/19

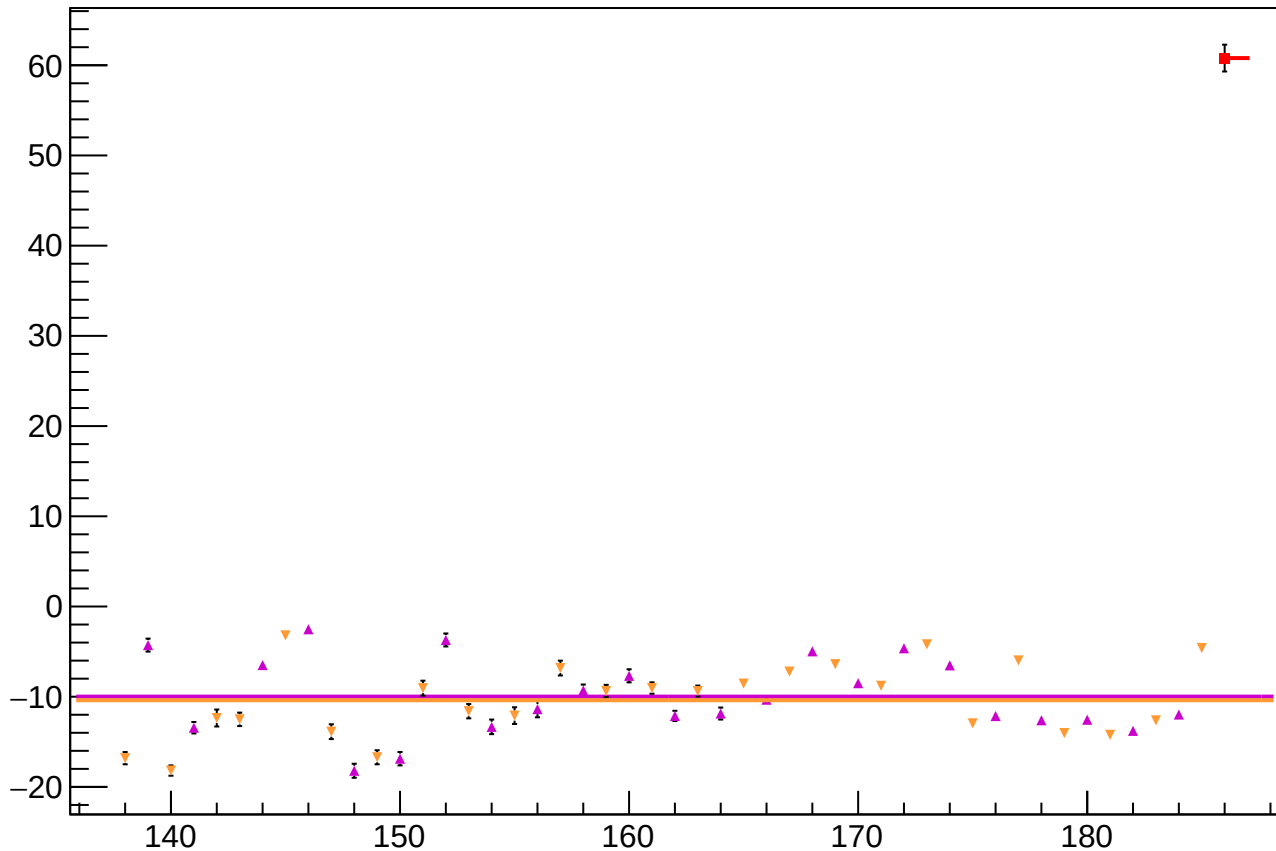
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.122 ± 0.002 χ^2/NDF : 1017.2/41

All: -0.122 ± 0.001 χ^2/NDF : 2867.8/84

- sign -0.121 ± 0.002 χ^2/NDF : 1850.6/42

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 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

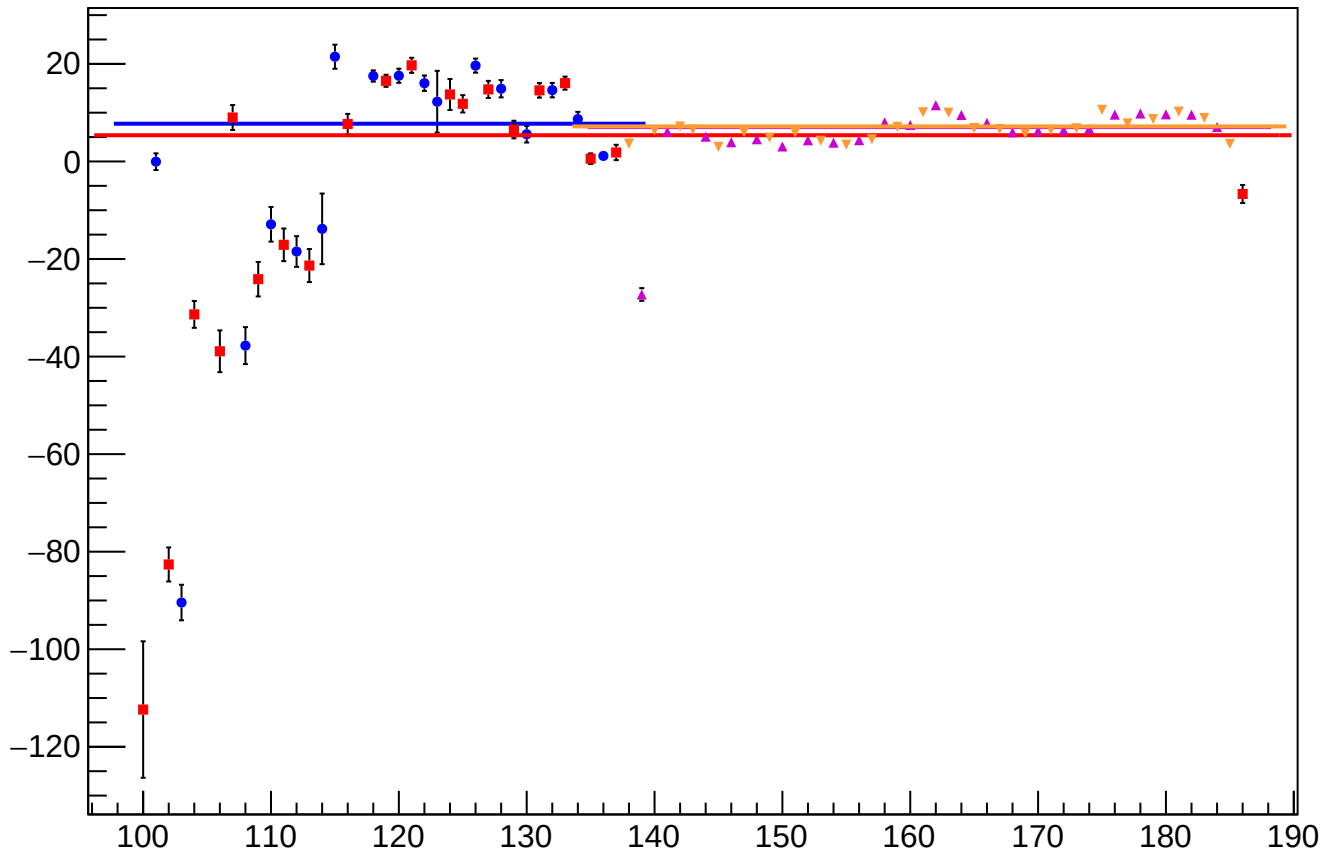
Left In: -9.990 ± 0.089 χ^2/NDF : 1794.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.068 ± 0.063 χ^2/NDF : 6193.2/48

- sign -9.736 ± 0.089 χ^2/NDF : 4053.2/23

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.403 $\chi^2/\text{NDF}: 1358.4/16$

Left Out: 7.187 ± 0.074 $\chi^2/\text{NDF}: 916.3/24$

Right Out: 5.376 ± 0.423 $\chi^2/\text{NDF}: 1556.9/19$

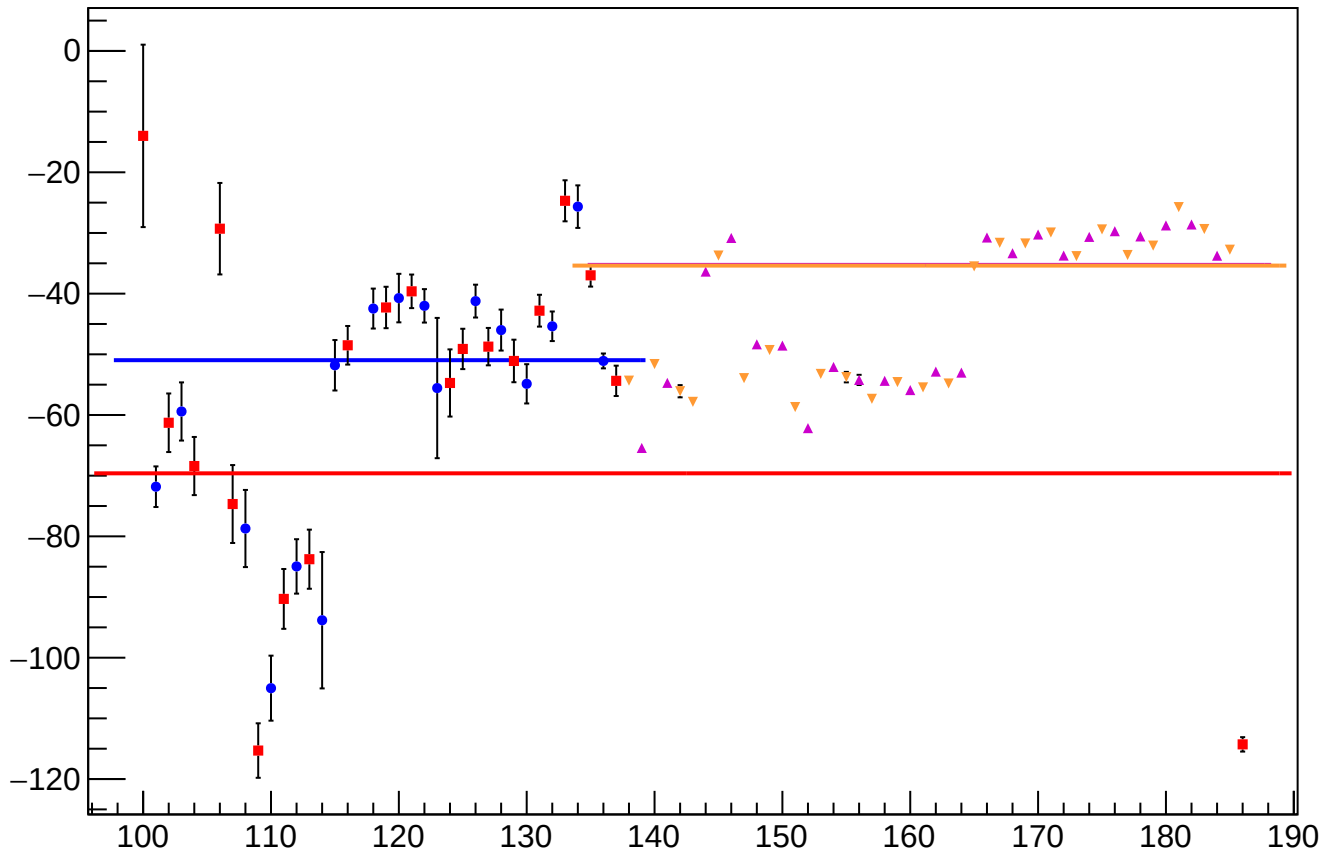
Left In: 7.043 ± 0.074 $\chi^2/\text{NDF}: 1604.6/22$

+ sign 7.205 ± 0.072 $\chi^2/\text{NDF}: 2276.5/41$

All: 7.100 ± 0.051 $\chi^2/\text{NDF}: 5457.3/84$

- sign 6.994 ± 0.073 $\chi^2/\text{NDF}: 3176.5/42$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -35.377 ± 0.089 χ^2/NDF : 12628.3/24

Right Out: -69.613 ± 0.662 χ^2/NDF : 2560.7/19

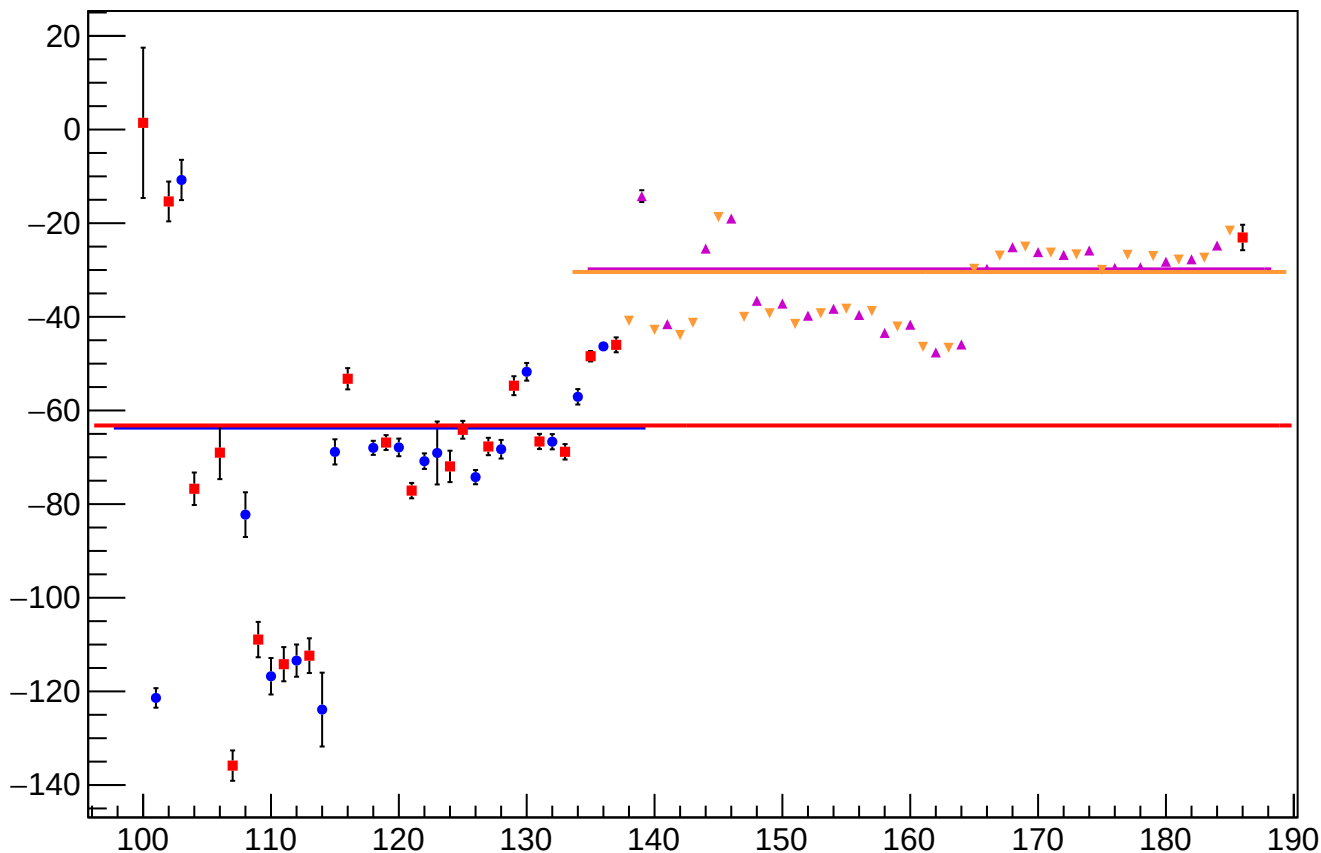
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.601 ± 0.088 χ^2/NDF : 13401.2/41

All: -35.740 ± 0.063 χ^2/NDF : 30380.2/84

- sign -35.880 ± 0.089 χ^2/NDF : 16974.0/42

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 $\pm$ 0.445 χ^2 /NDF: 2014.7/16

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

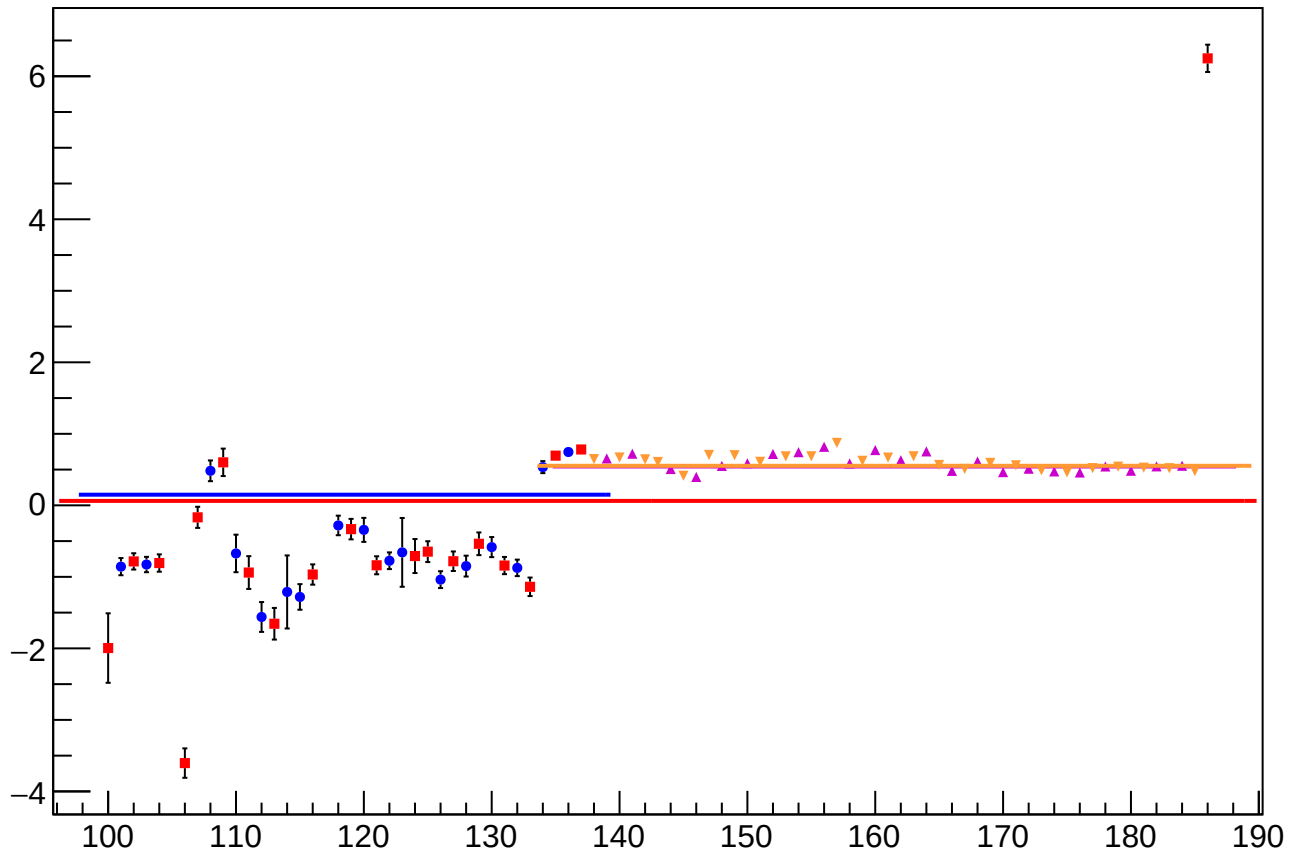
Left In: -29.863 $\pm$ 0.082 χ^2 /NDF: 7145.9/22

+ sign -31.495 $\pm$ 0.080 χ^2 /NDF: 15536.8/41

All: -31.168 $\pm$ 0.057 χ^2 /NDF: 29330.3/84

- sign -30.833 $\pm$ 0.081 χ^2 /NDF: 13760.0/42

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16

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

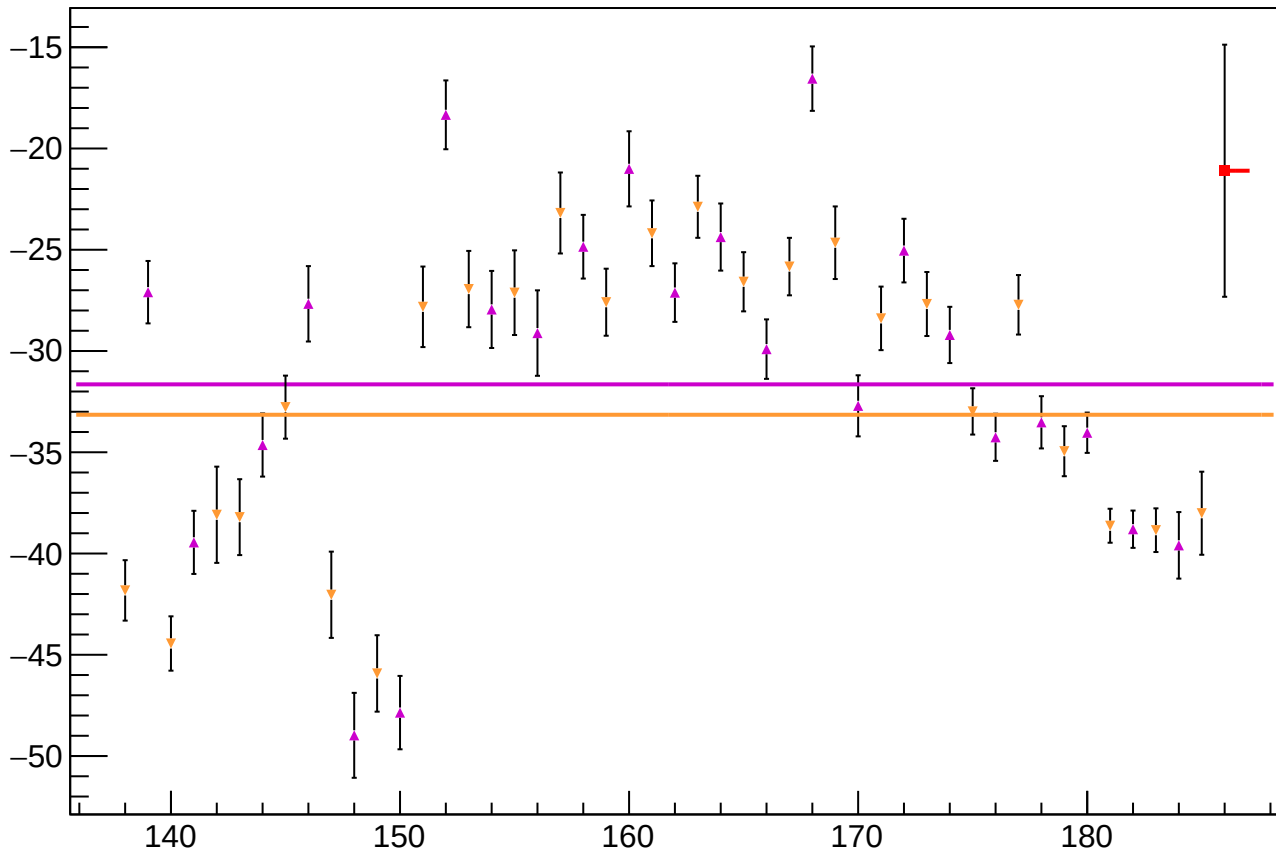
Left In: 0.544 $\pm$ 0.004 χ^2 /NDF: 659.2/22

+ sign 0.543 $\pm$ 0.004 χ^2 /NDF: 1810.1/41

All: 0.539 $\pm$ 0.003 χ^2 /NDF: 5045.0/84

- sign 0.534 $\pm$ 0.004 χ^2 /NDF: 3231.3/42

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -33.148 $\pm$ 0.301 χ^2 /NDF: 500.0/24

Right Out: -21.098 $\pm$ 6.224 χ^2 /NDF: 0.0/0

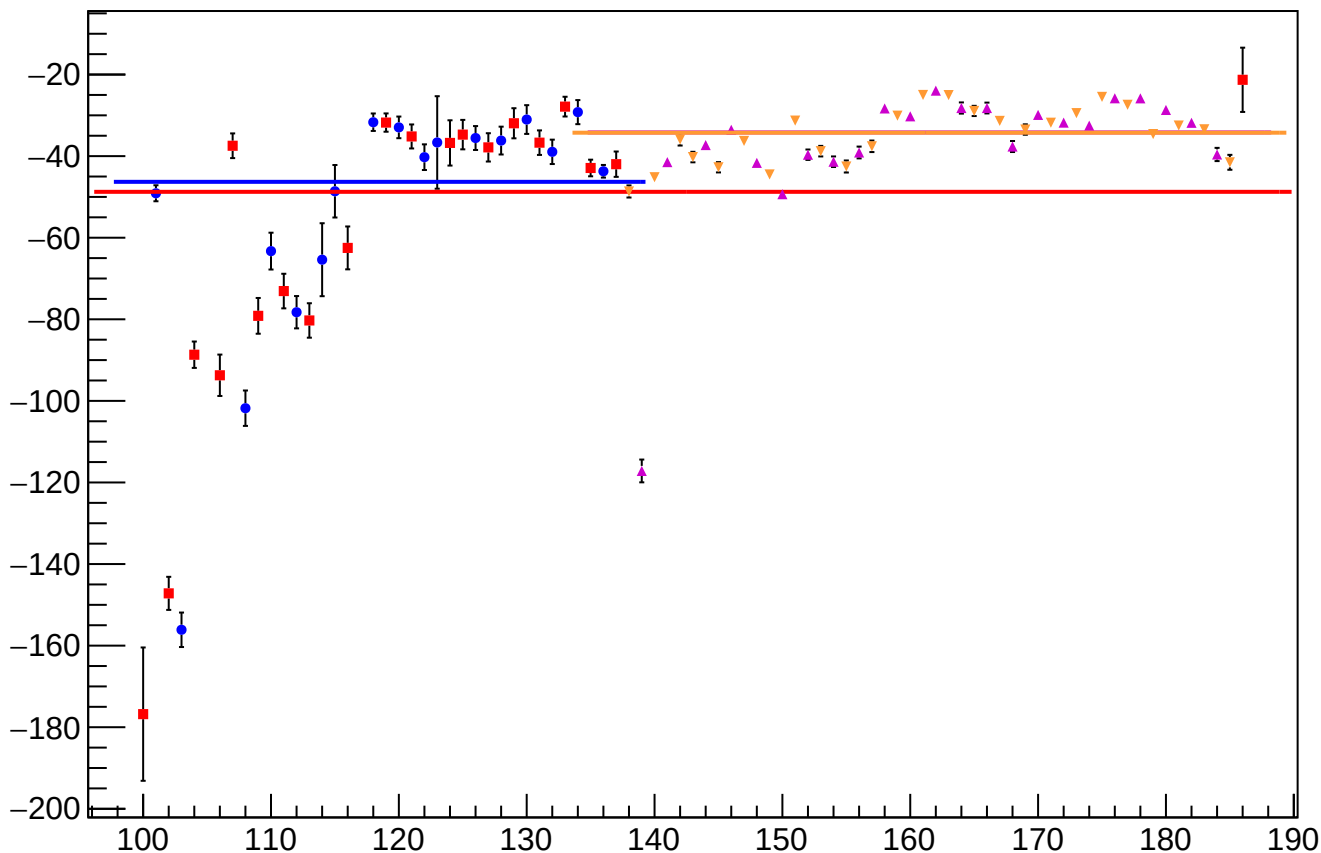
Left In: -31.647 $\pm$ 0.308 χ^2 /NDF: 546.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.401 $\pm$ 0.215 χ^2 /NDF: 1062.3/48

- sign -31.621 $\pm$ 0.307 χ^2 /NDF: 549.7/23

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -34.256 ± 0.242 χ^2/NDF : 693.3/24

Right Out: -48.750 ± 0.760 χ^2/NDF : 1283.9/19

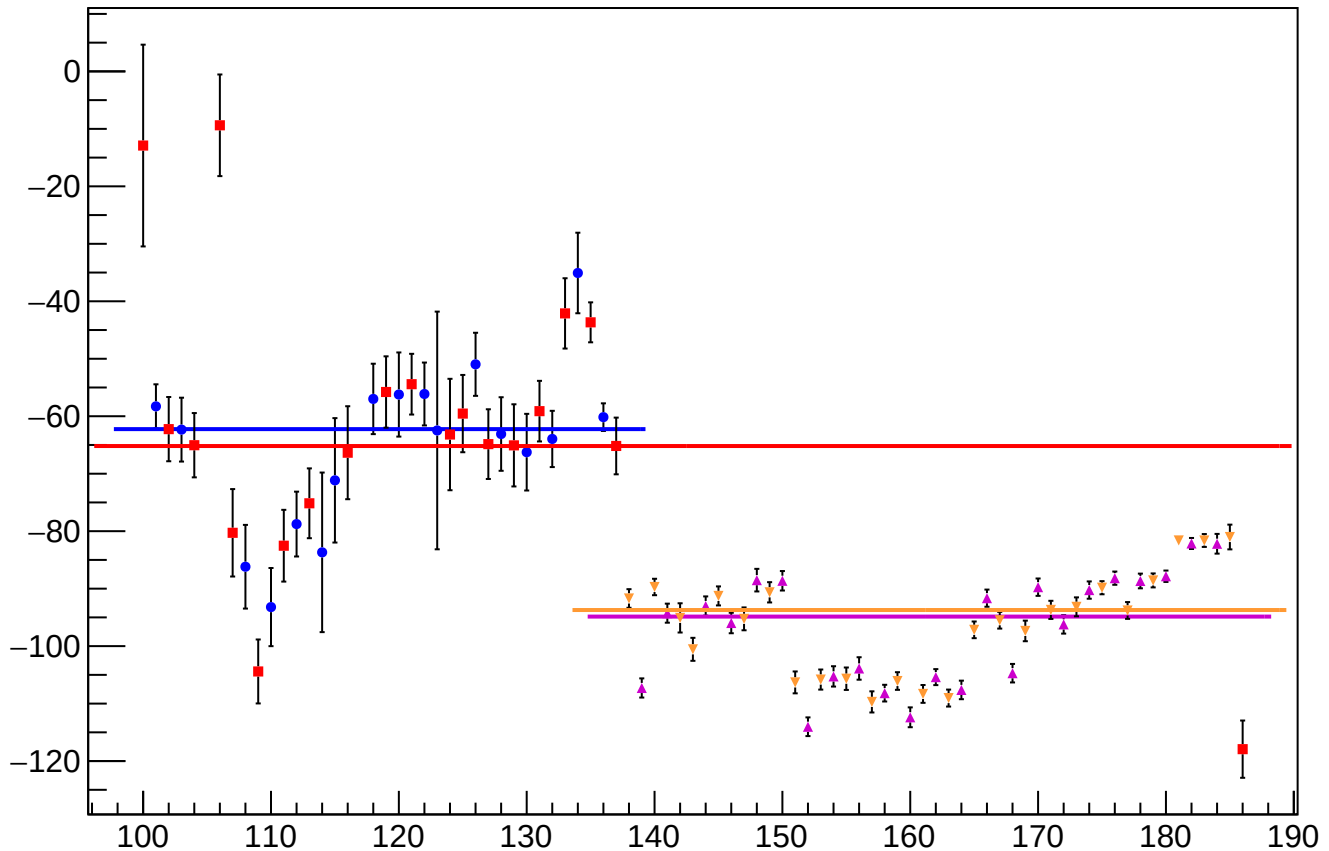
Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

+ sign -35.471 ± 0.230 χ^2/NDF : 2027.0/41

All: -35.539 ± 0.165 χ^2/NDF : 5188.3/84

- sign -35.612 ± 0.238 χ^2/NDF : 3161.1/42

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -93.719 ± 0.302 χ^2/NDF : 878.2/24

Right Out: -65.186 ± 1.329 χ^2/NDF : 286.2/19

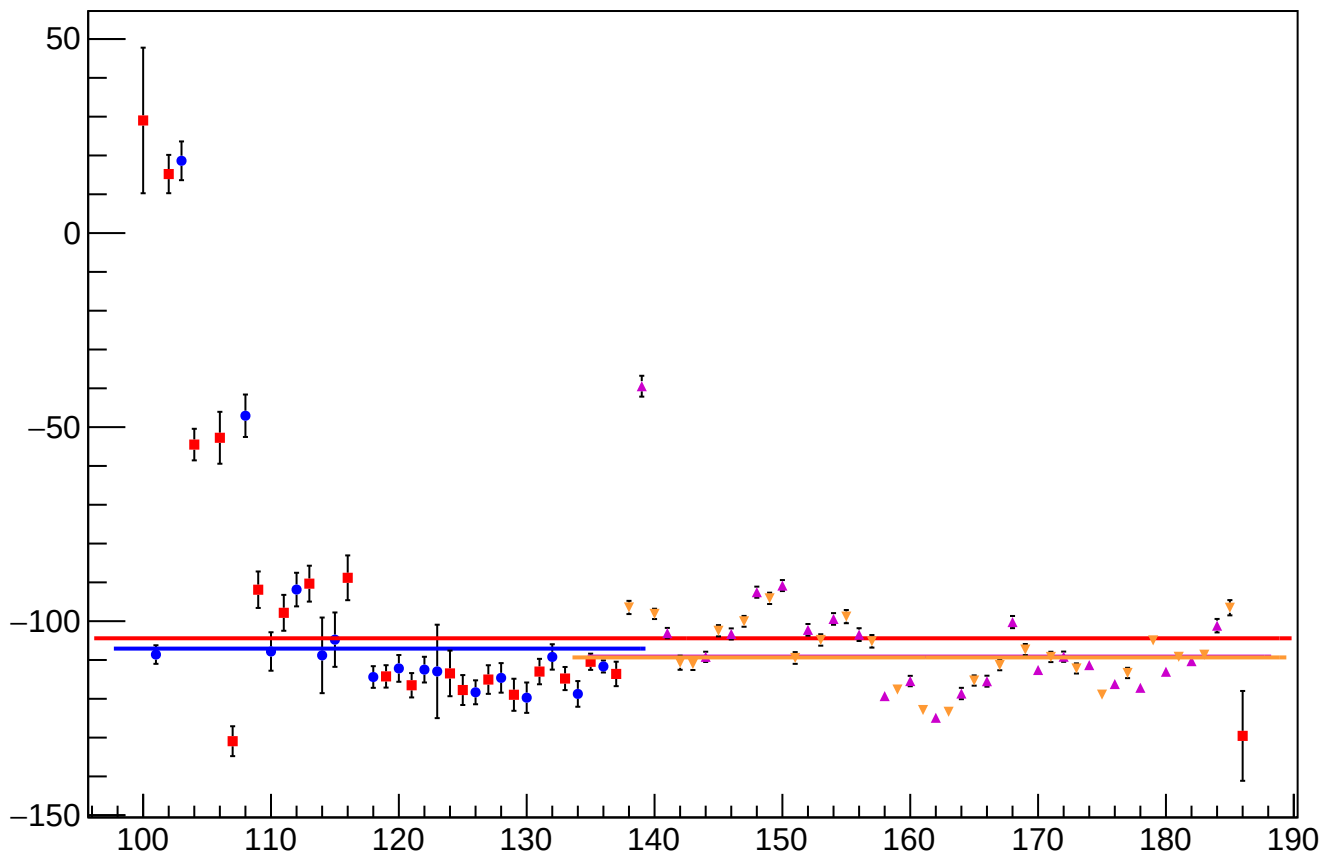
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.128 ± 0.295 χ^2/NDF : 1493.6/41

All: -92.732 ± 0.210 χ^2/NDF : 3246.9/84

- sign -93.356 ± 0.299 χ^2/NDF : 1744.7/42

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 $\chi^2/\text{NDF}: 828.4/16$

Left Out: -109.338 ± 0.272 $\chi^2/\text{NDF}: 826.2/24$

Right Out: -104.409 ± 0.859 $\chi^2/\text{NDF}: 1023.4/19$

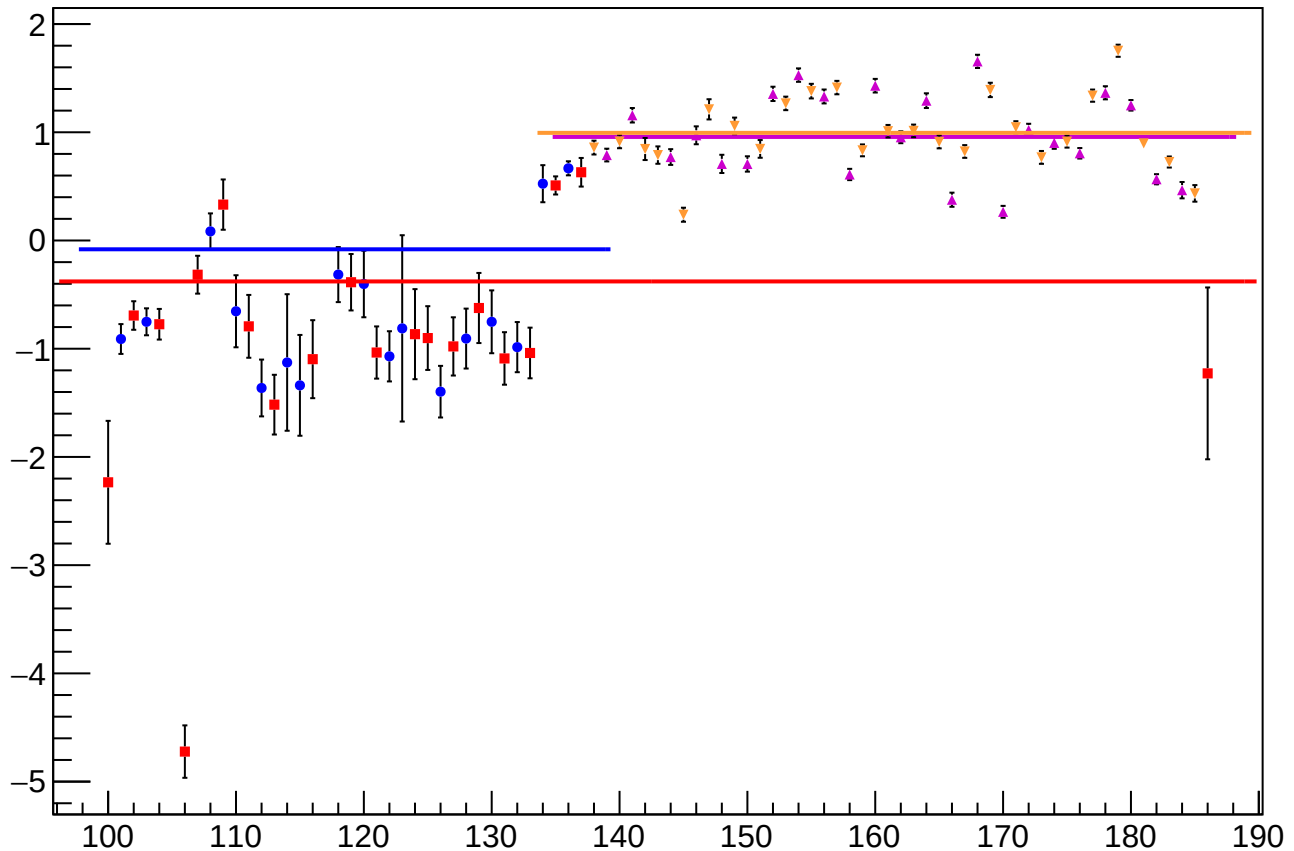
Left In: -109.126 ± 0.279 $\chi^2/\text{NDF}: 1578.7/22$

+ sign -109.109 ± 0.258 $\chi^2/\text{NDF}: 1661.6/41$

All: -108.899 ± 0.185 $\chi^2/\text{NDF}: 4292.4/84$

- sign -108.675 ± 0.265 $\chi^2/\text{NDF}: 2629.4/42$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.995 ± 0.012 χ^2/NDF : 635.3/24

Right Out: -0.378 ± 0.044 χ^2/NDF : 584.2/19

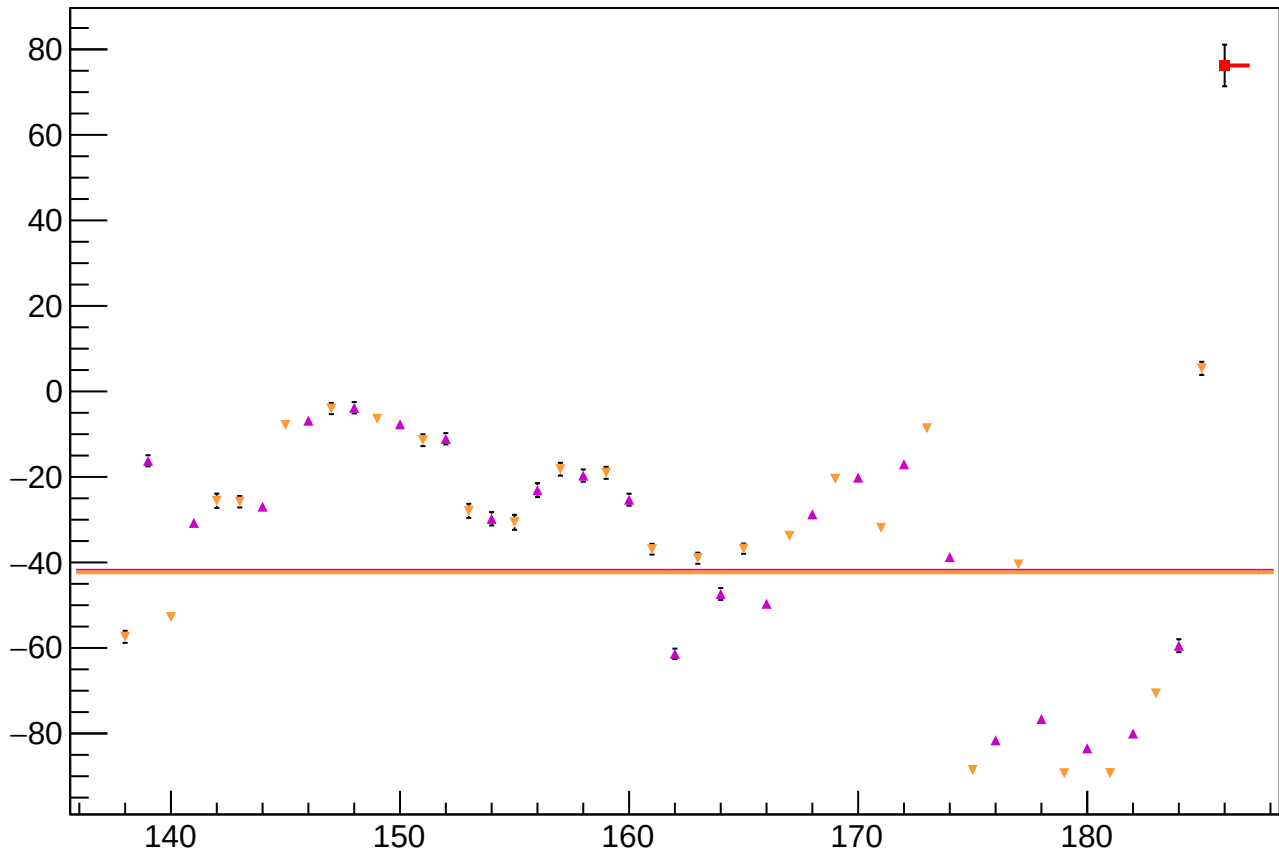
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.909 ± 0.012 χ^2/NDF : 1563.2/41

All: 0.882 ± 0.008 χ^2/NDF : 3911.2/84

- sign 0.855 ± 0.012 χ^2/NDF : 2338.0/42

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -42.295 $\pm$ 0.222 χ^2 /NDF:18267.5/24

Right Out: 76.234 $\pm$ 4.867 χ^2 /NDF: 0.0/0

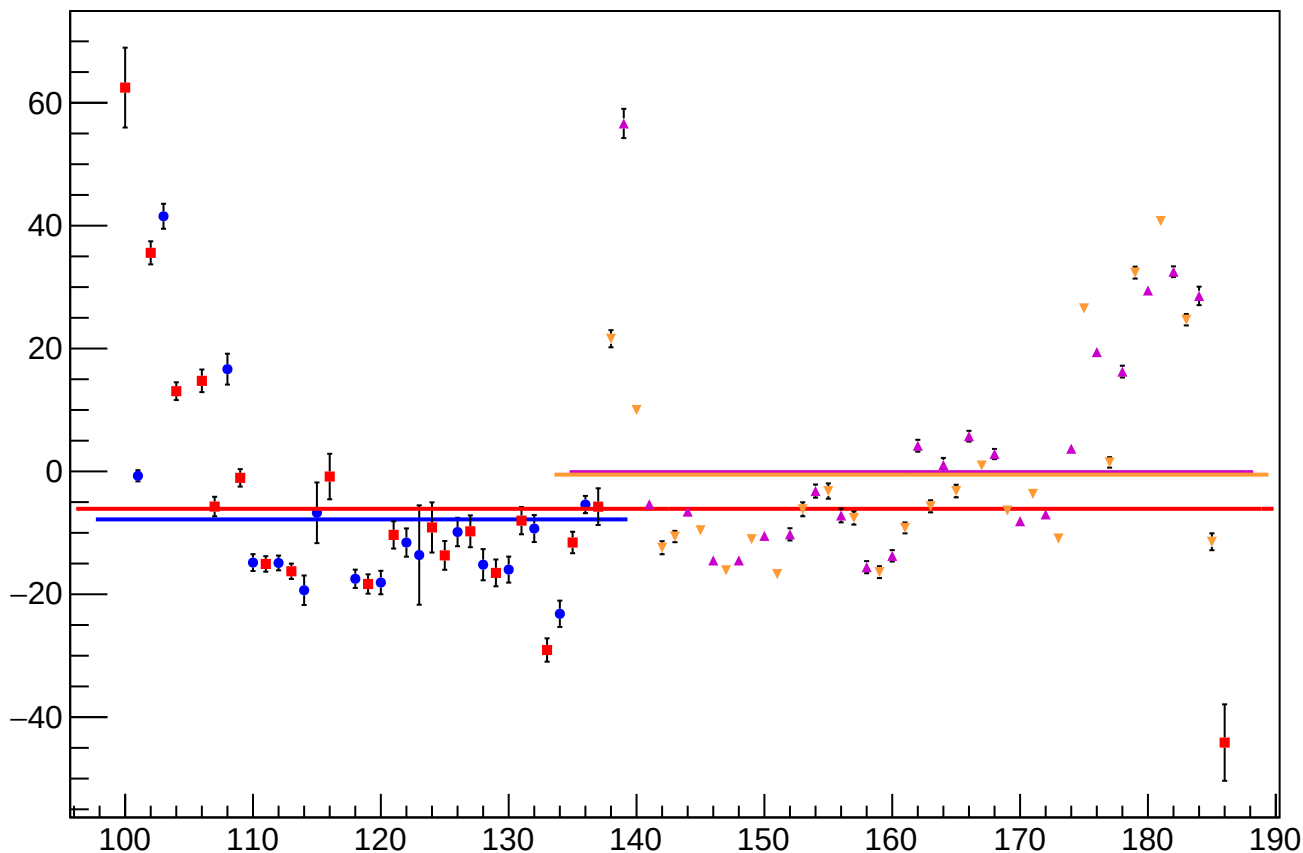
Left In: -41.955 $\pm$ 0.226 χ^2 /NDF:14723.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -42.002 $\pm$ 0.158 χ^2 /NDF: 33582.9/48

- sign -41.701 $\pm$ 0.226 χ^2 /NDF: 15311.9/23

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -0.527 ± 0.175 χ^2/NDF : 8707.9/24

Right Out: -6.089 ± 0.428 χ^2/NDF : 1330.6/19

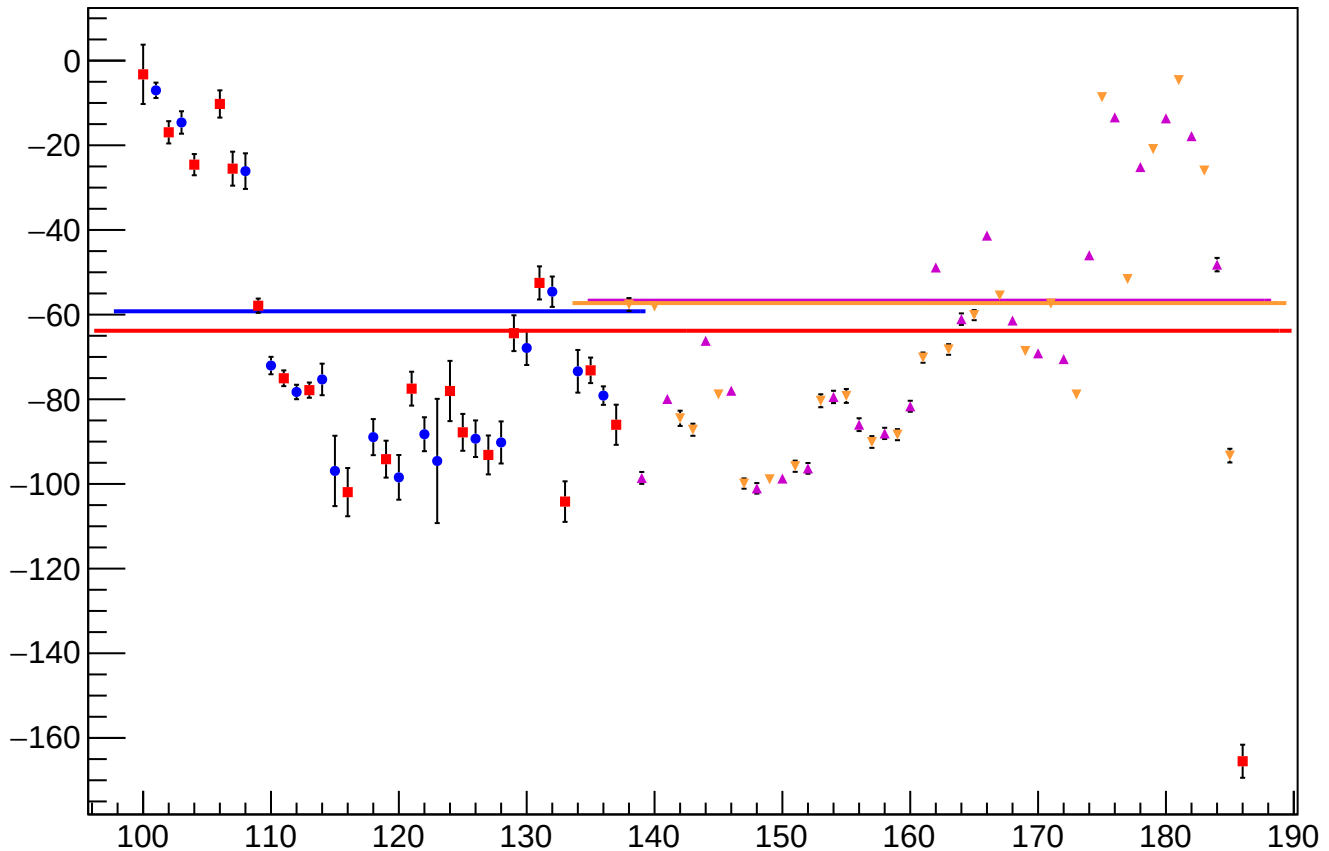
Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

+ sign -1.571 ± 0.162 χ^2/NDF : 9939.7/41

All: -1.295 ± 0.115 χ^2/NDF : 18366.6/84

- sign -1.009 ± 0.165 χ^2/NDF : 8421.0/42

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -57.276 ± 0.224 χ^2/NDF : 18511.1/24

Right Out: -63.812 ± 0.693 χ^2/NDF : 2082.5/19

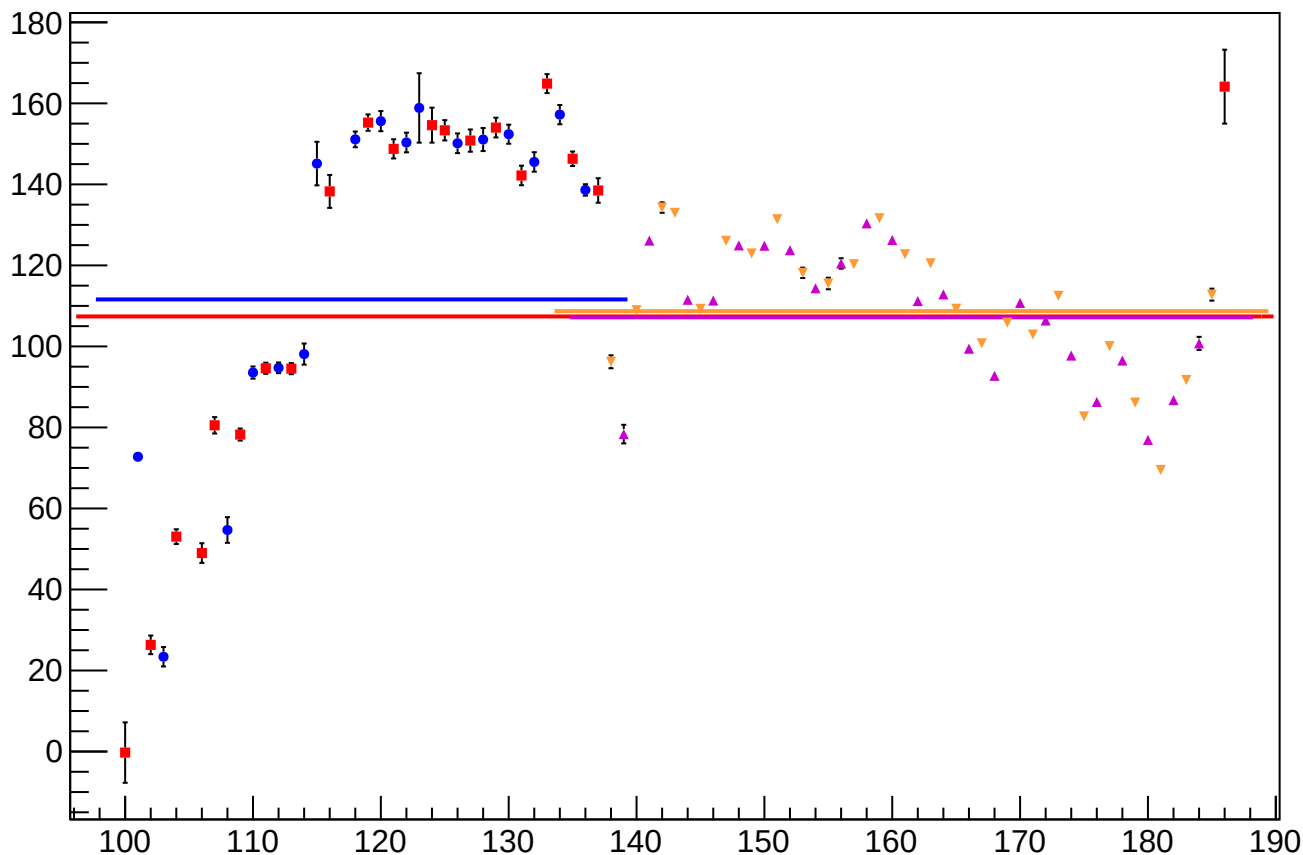
Left In: -56.705 ± 0.226 χ^2/NDF : 16547.5/22

+ sign -57.436 ± 0.214 χ^2/NDF : 20237.8/41

All: -57.412 ± 0.152 χ^2/NDF : 38962.9/84

- sign -57.388 ± 0.215 χ^2/NDF : 18725.1/42

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599 $\pm$ 0.487 χ^2 /NDF: 5959.5/16

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

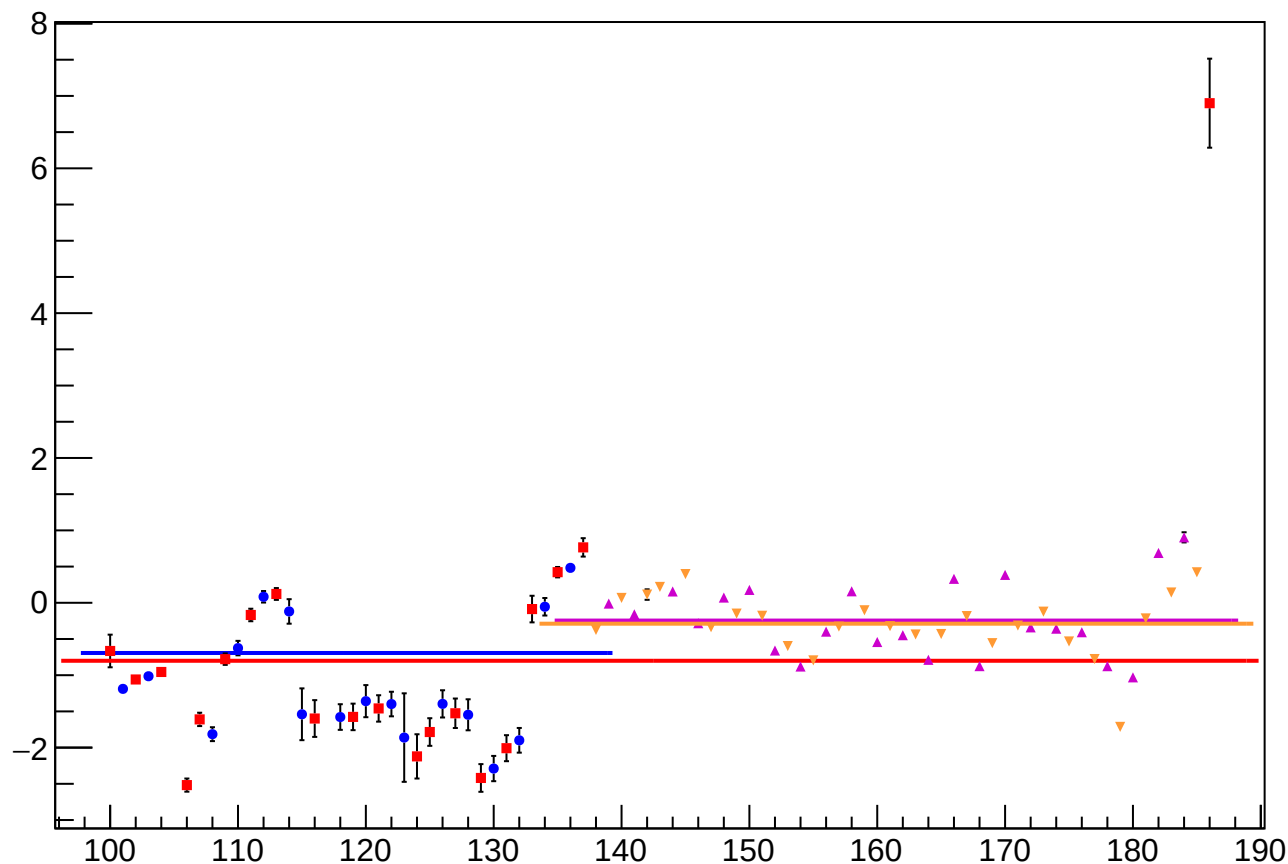
Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

+ sign 109.118 $\pm$ 0.183 χ^2 /NDF: 13286.7/41

All: 108.181 $\pm$ 0.131 χ^2 /NDF: 26008.6/84

- sign 107.212 $\pm$ 0.186 χ^2 /NDF: 12668.7/42

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.289 ± 0.009 χ^2/NDF : 2039.6/24

Right Out: -0.801 ± 0.024 χ^2/NDF : 1467.8/19

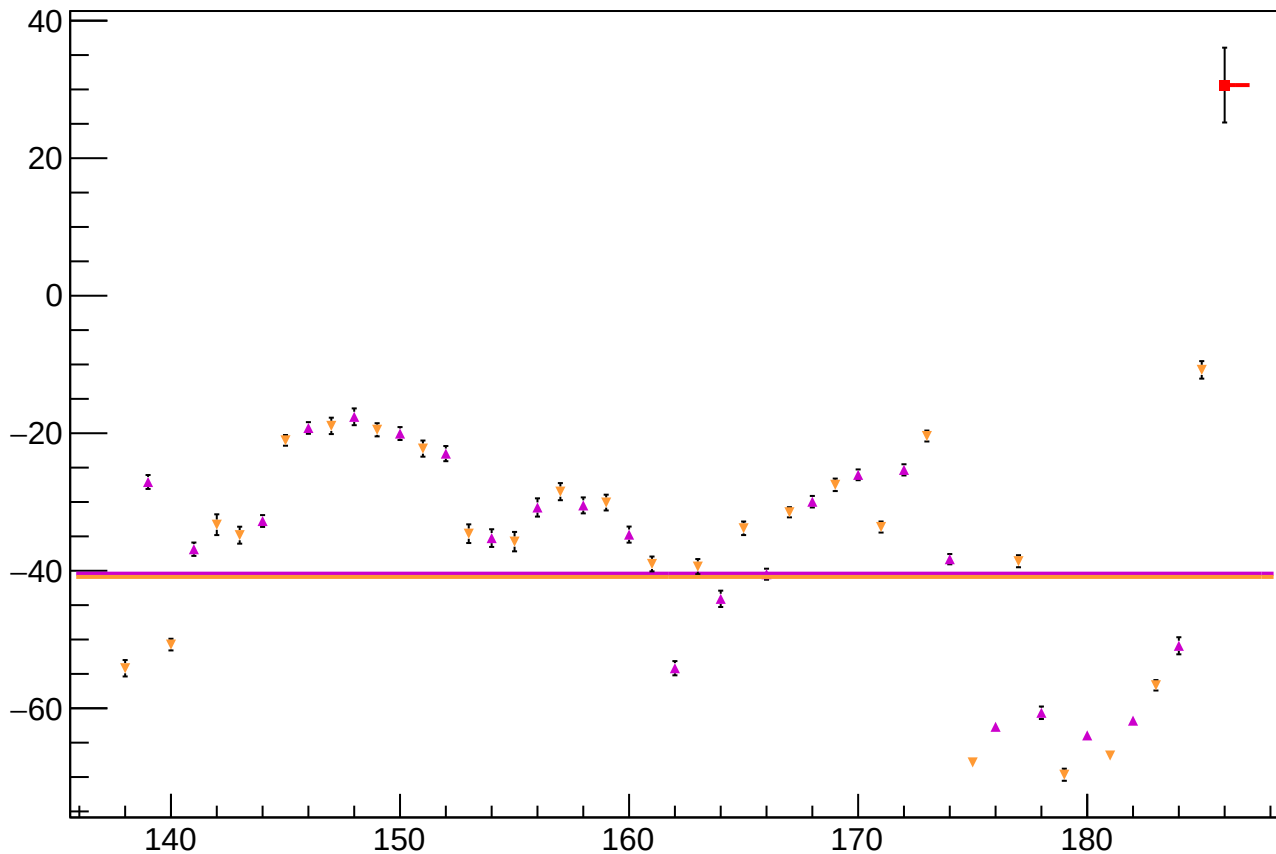
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.334 ± 0.009 χ^2/NDF : 3251.6/41

All: -0.324 ± 0.006 χ^2/NDF : 7981.8/84

- sign -0.315 ± 0.009 χ^2/NDF : 4727.9/42

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -40.897 ± 0.186 $\chi^2/\text{NDF}: 9114.7/24$

Right Out: 30.633 ± 5.441 $\chi^2/\text{NDF}: 0.0/0$

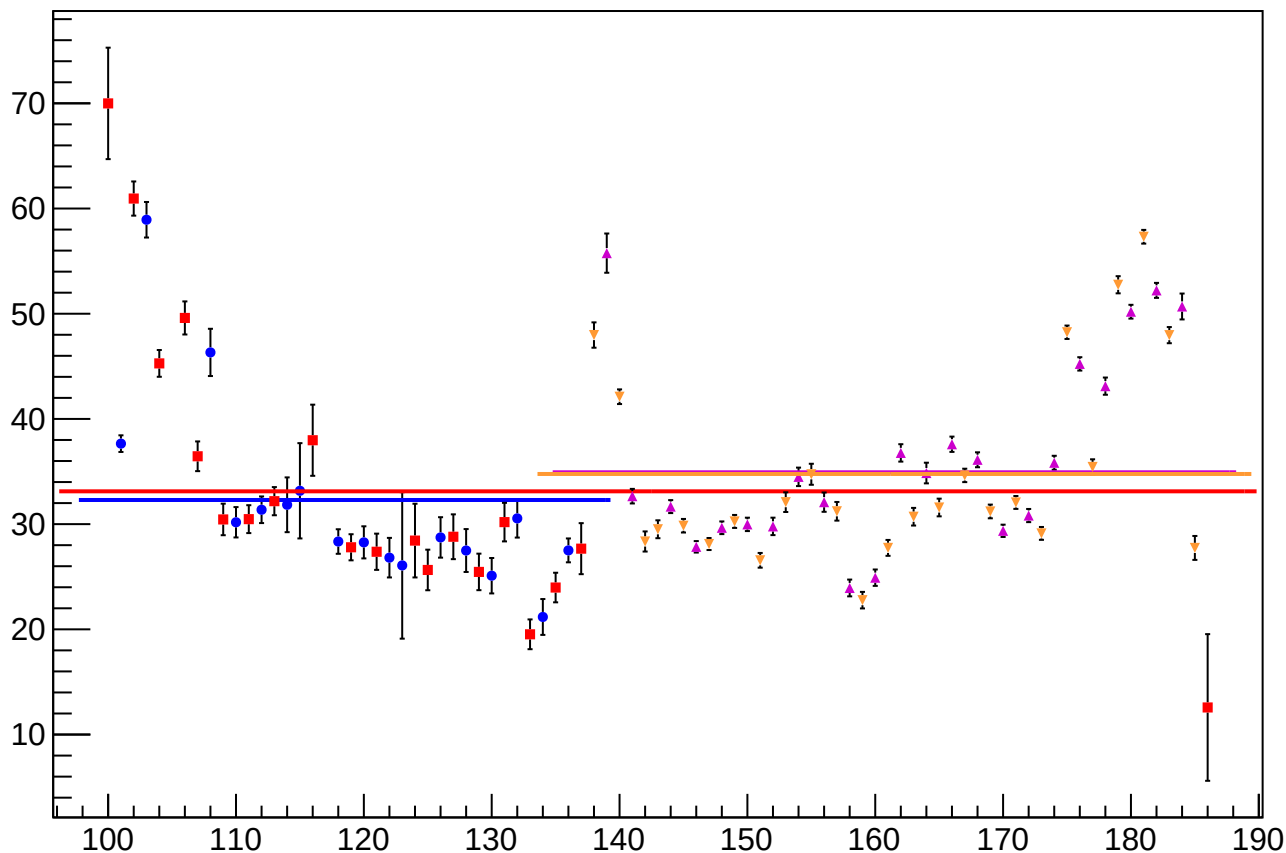
Left In: -40.422 ± 0.189 $\chi^2/\text{NDF}: 7030.2/22$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -40.620 ± 0.133 $\chi^2/\text{NDF}: 16319.7/48$

- sign -40.336 ± 0.189 $\chi^2/\text{NDF}: 7200.5/23$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 ± 0.373 χ^2/NDF : 452.2/16

Left Out: 34.768 ± 0.148 χ^2/NDF : 3677.3/24

Right Out: 33.119 ± 0.379 χ^2/NDF : 779.0/19

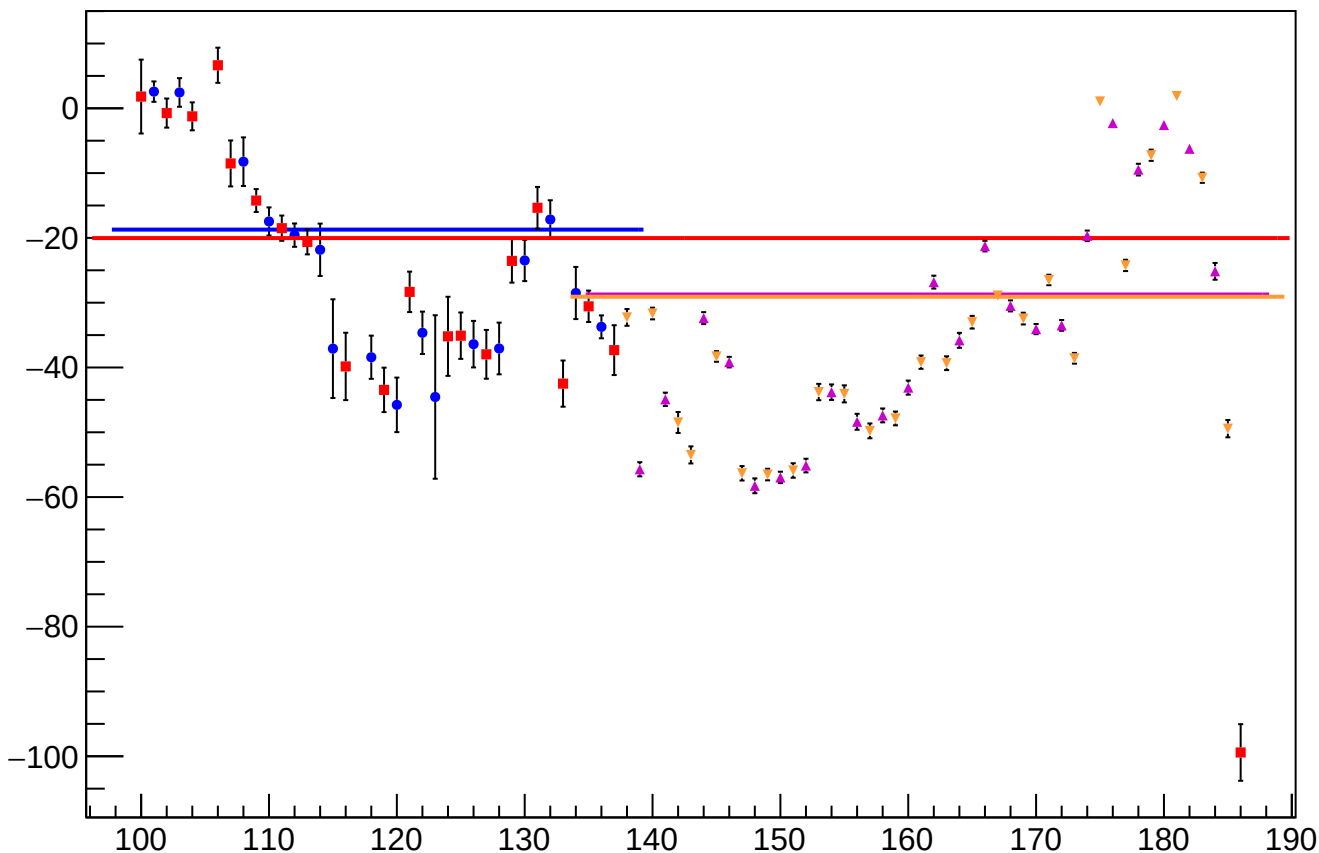
Left In: 34.928 ± 0.151 χ^2/NDF : 2688.4/22

+ sign 34.432 ± 0.137 χ^2/NDF : 4167.6/41

All: 34.553 ± 0.098 χ^2/NDF : 7656.3/84

- sign 34.679 ± 0.140 χ^2/NDF : 3487.1/42

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -29.080 ± 0.187 χ^2/NDF : 10059.5/24

Right Out: -20.028 ± 0.637 χ^2/NDF : 809.9/19

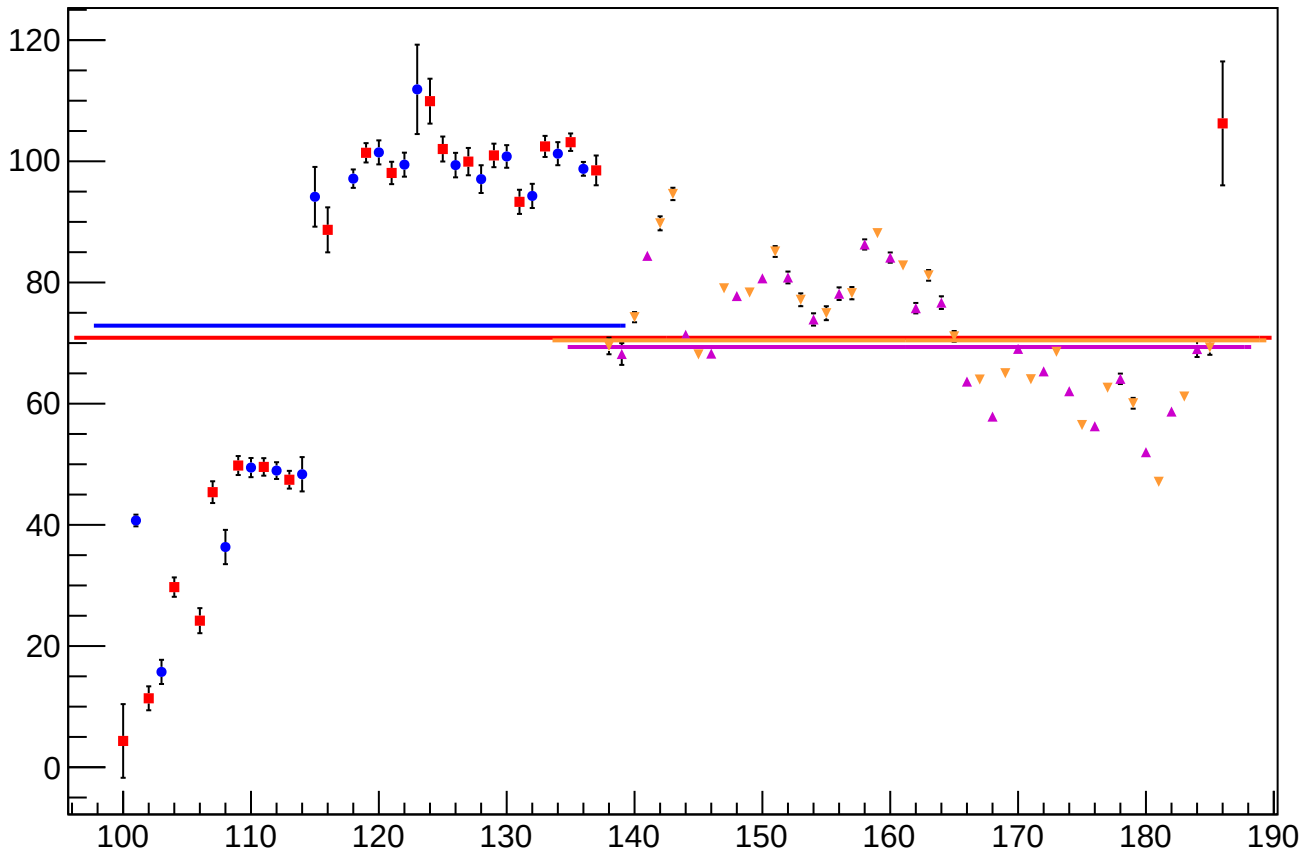
Left In: -28.735 ± 0.189 χ^2/NDF : 9155.5/22

+ sign -28.320 ± 0.180 χ^2/NDF : 10803.7/41

All: -28.176 ± 0.128 χ^2/NDF : 20942.3/84

- sign -28.031 ± 0.181 χ^2/NDF : 10137.3/42

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 $\pm$ 0.426 χ^2 /NDF: 4737.9/16

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

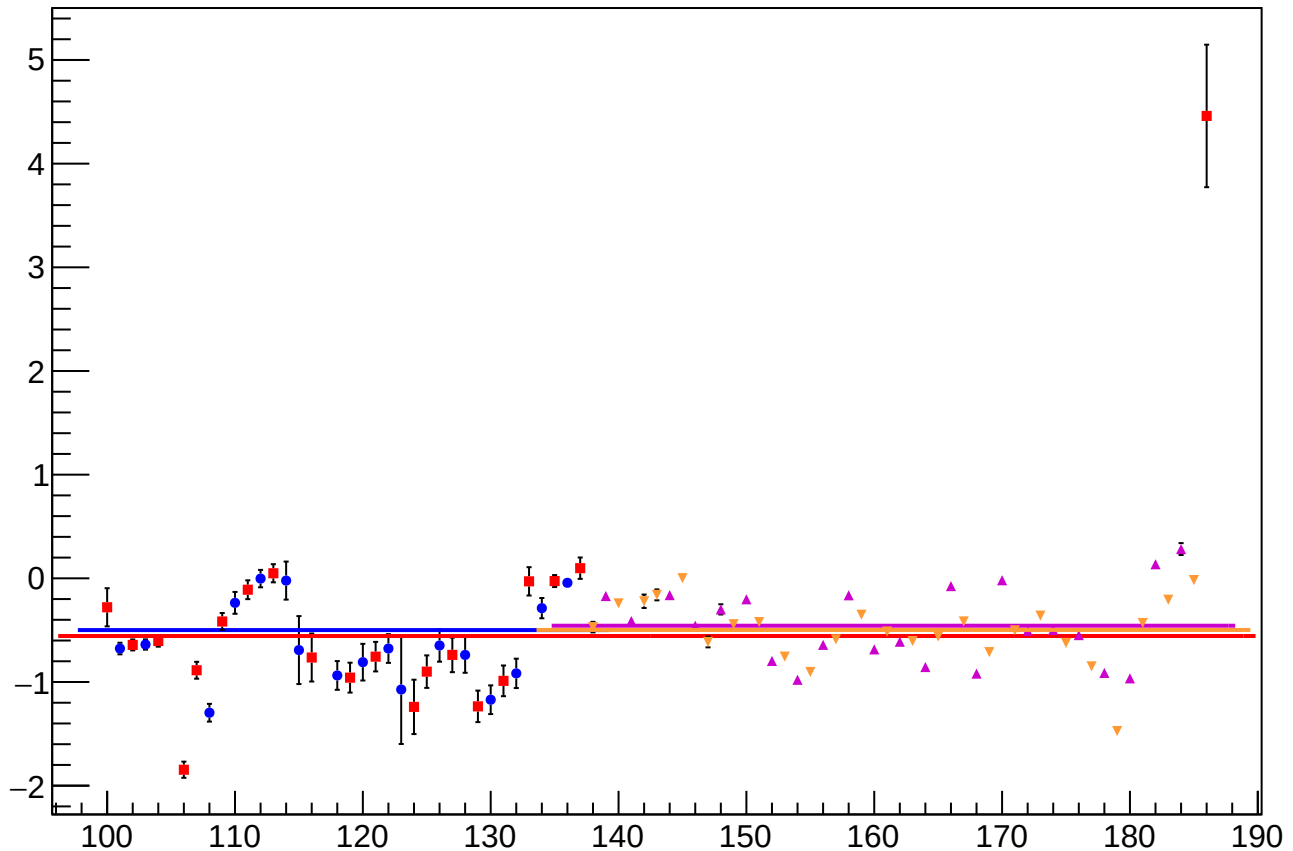
Left In: 69.350 $\pm$ 0.170 χ^2 /NDF: 3330.7/22

+ sign 70.771 $\pm$ 0.155 χ^2 /NDF: 9250.7/41

All: 70.174 $\pm$ 0.111 χ^2 /NDF: 18123.8/84

- sign 69.554 $\pm$ 0.158 χ^2 /NDF: 8842.8/42

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.498 ± 0.008 χ^2/NDF : 1440.7/24

Right Out: -0.556 ± 0.021 χ^2/NDF : 615.7/19

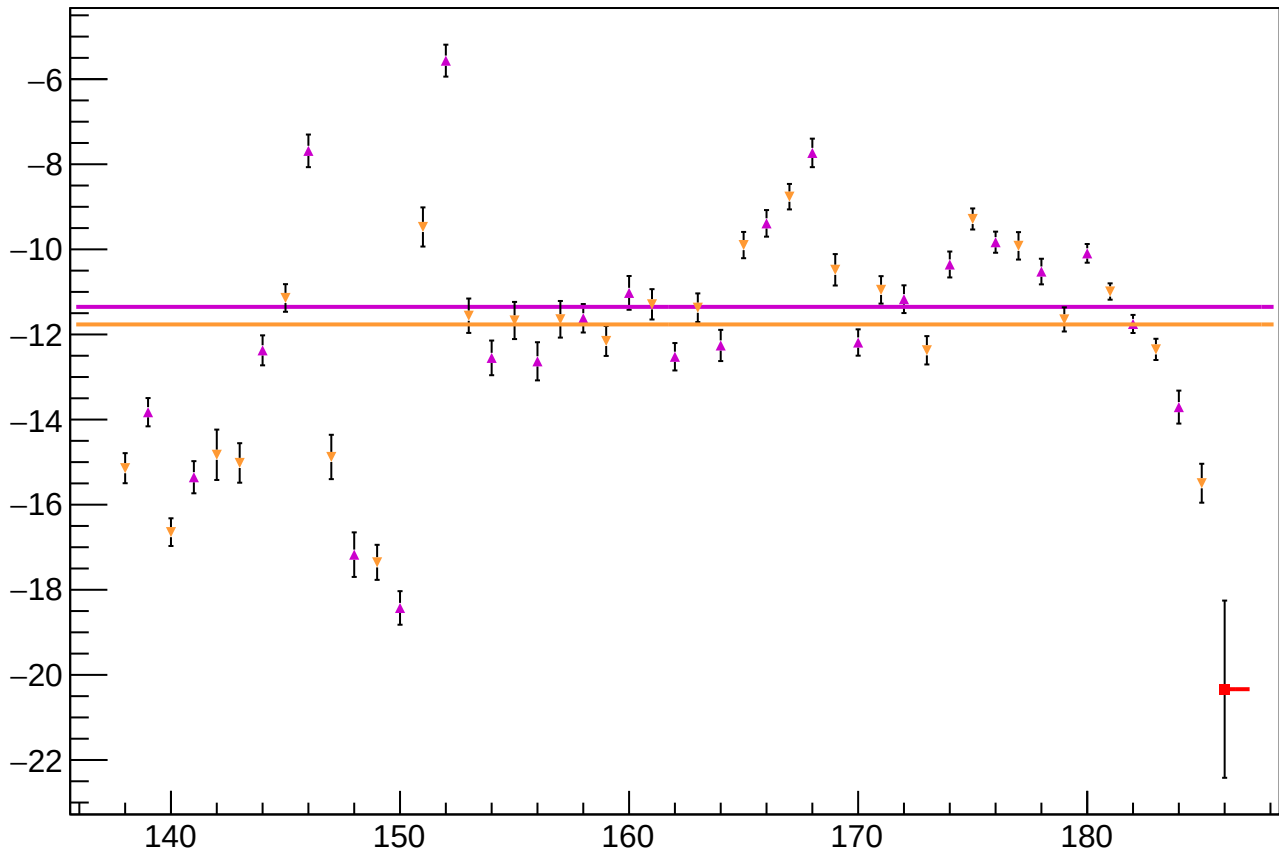
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.498 ± 0.007 χ^2/NDF : 1744.2/41

All: -0.483 ± 0.005 χ^2/NDF : 4362.6/84

- sign -0.468 ± 0.007 χ^2/NDF : 2610.0/42

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -11.764 $\pm$ 0.067 χ^2 /NDF:1025.9/24

Right Out: -20.336 $\pm$ 2.082 χ^2 /NDF: 0.0/0

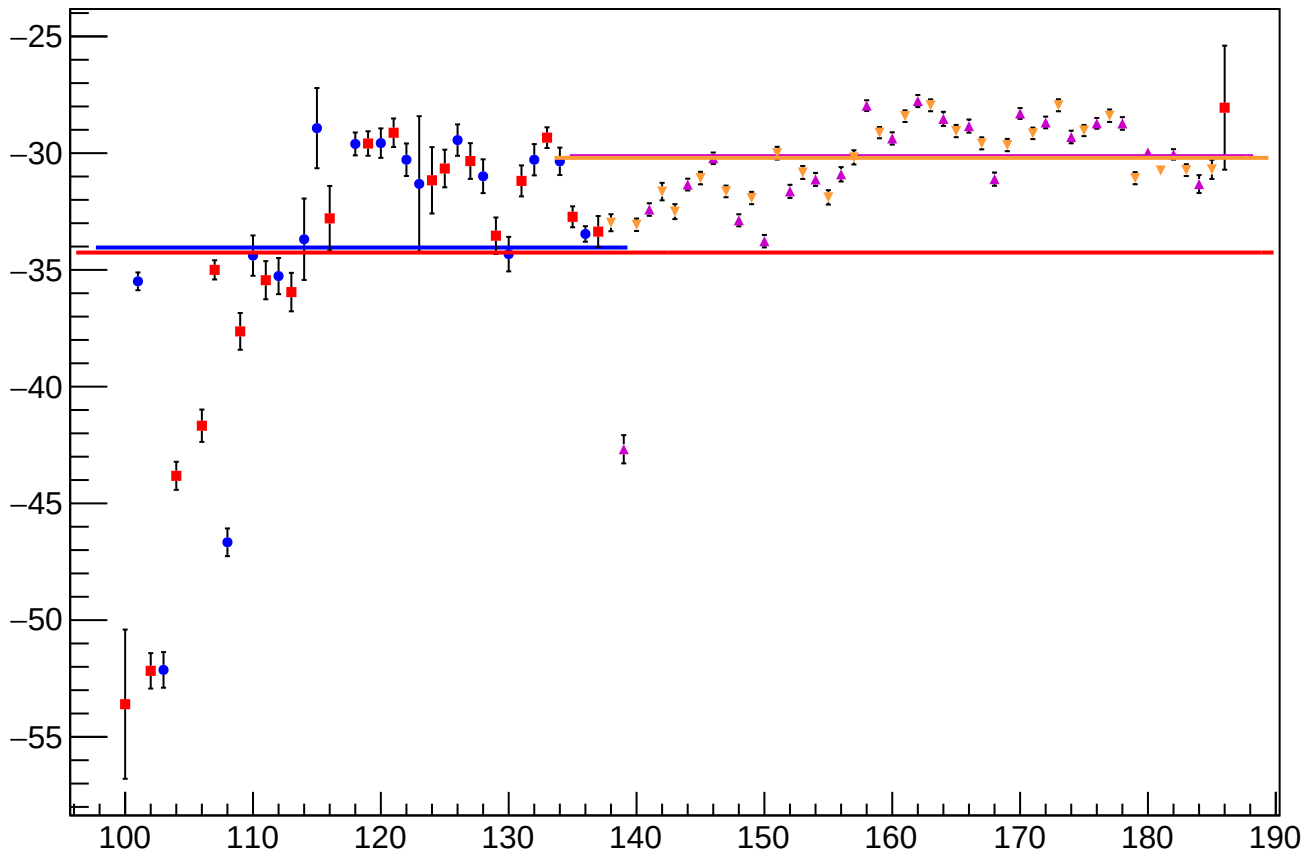
Left In: -11.352 $\pm$ 0.068 χ^2 /NDF:1280.6/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.565 $\pm$ 0.048 χ^2 /NDF: 2343.1/48

- sign -11.361 $\pm$ 0.068 χ^2 /NDF: 1299.2/23

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -30.201 ± 0.054 χ^2/NDF : 725.7/24

Right Out: -34.257 ± 0.151 χ^2/NDF : 1354.9/19

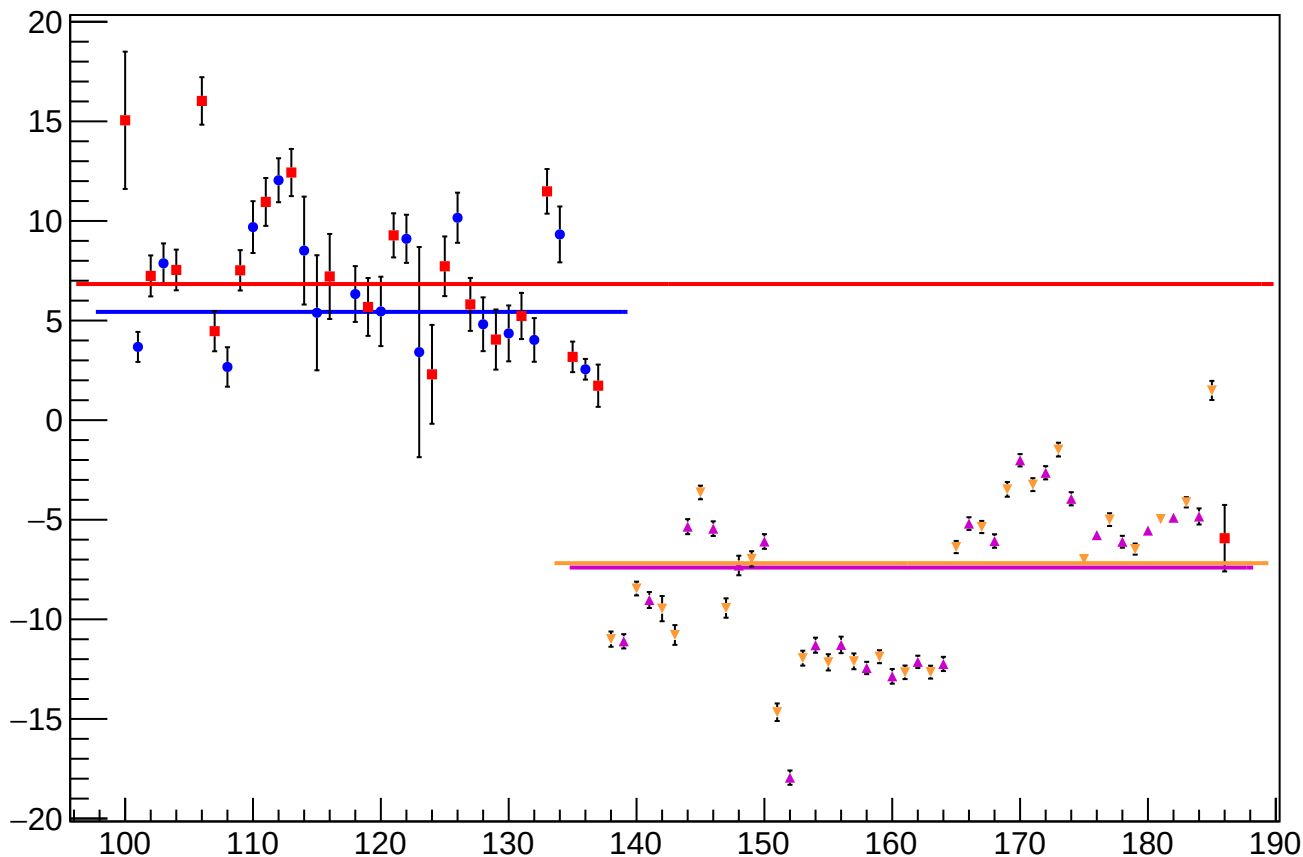
Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

+ sign -30.637 ± 0.051 χ^2/NDF : 2642.2/41

All: -30.629 ± 0.036 χ^2/NDF : 5950.0/84

- sign -30.620 ± 0.052 χ^2/NDF : 3307.7/42

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 $\pm$ 0.270 χ^2 /NDF: 132.0/16

Left Out: -7.180 $\pm$ 0.067 χ^2 /NDF:3015.8/24

Right Out: 6.833 $\pm$ 0.271 χ^2 /NDF: 242.6/19

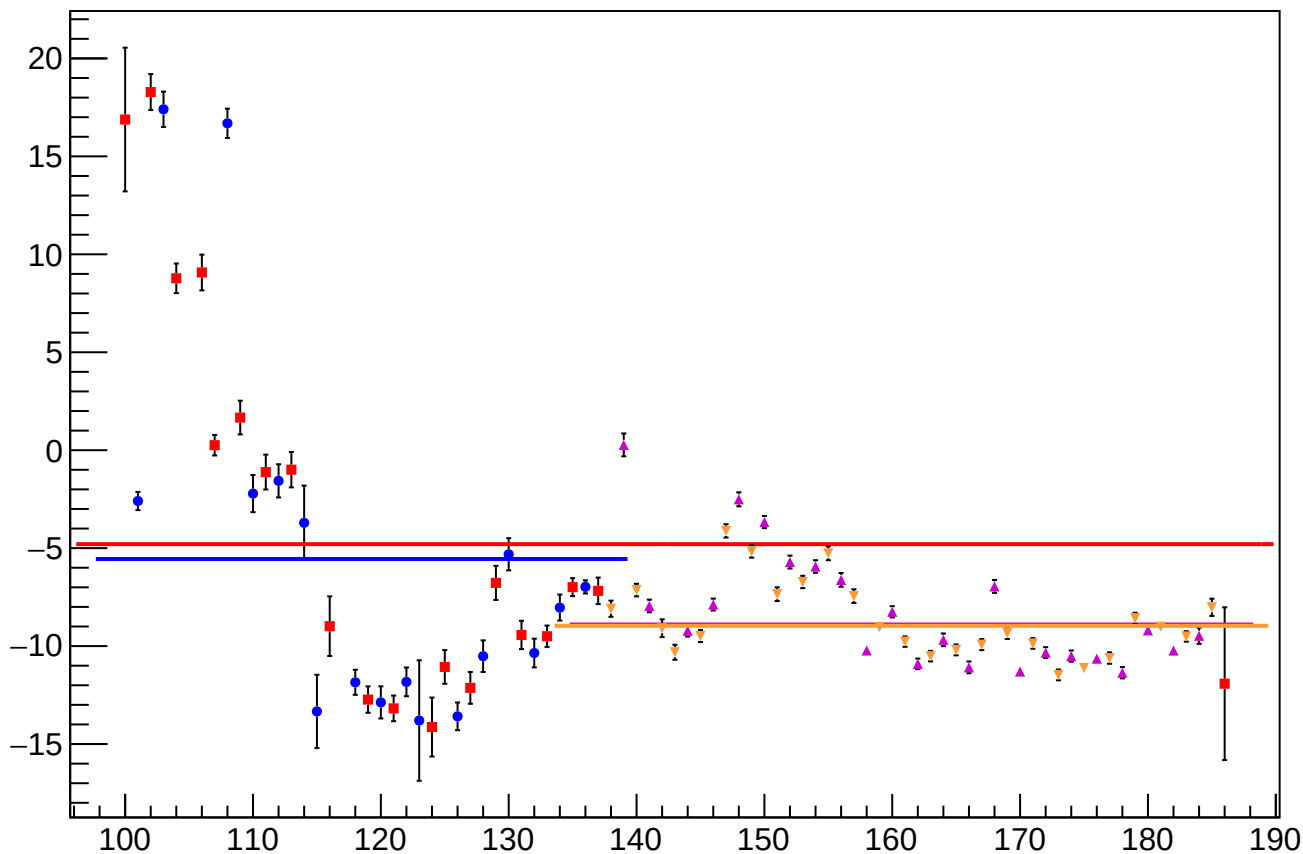
Left In: -7.400 $\pm$ 0.068 χ^2 /NDF:3134.9/22

+ sign -6.447 $\pm$ 0.065 χ^2 /NDF: 5210.5/41

All: -6.505 $\pm$ 0.046 χ^2 /NDF: 11194.9/84

- sign -6.564 $\pm$ 0.066 χ^2 /NDF: 5982.7/42

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -8.965 ± 0.060 χ^2/NDF : 876.6/24

Right Out: -4.796 ± 0.173 χ^2/NDF : 2043.7/19

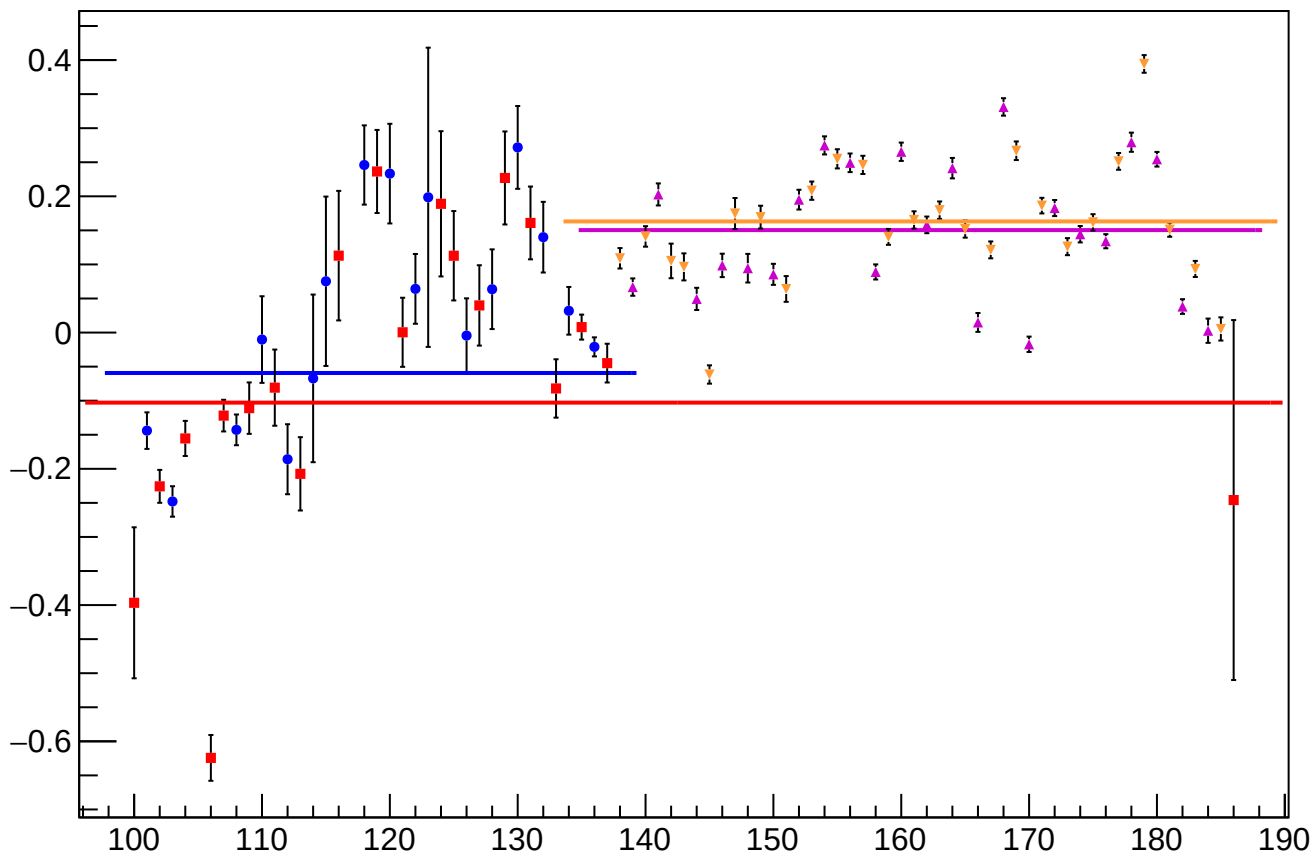
Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

+ sign -8.584 ± 0.057 χ^2/NDF : 3360.2/41

All: -8.511 ± 0.041 χ^2/NDF : 7492.1/84

- 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 : 217.6/16

Left Out: 0.163 ± 0.003 χ^2/NDF : 1011.4/24

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.8/19

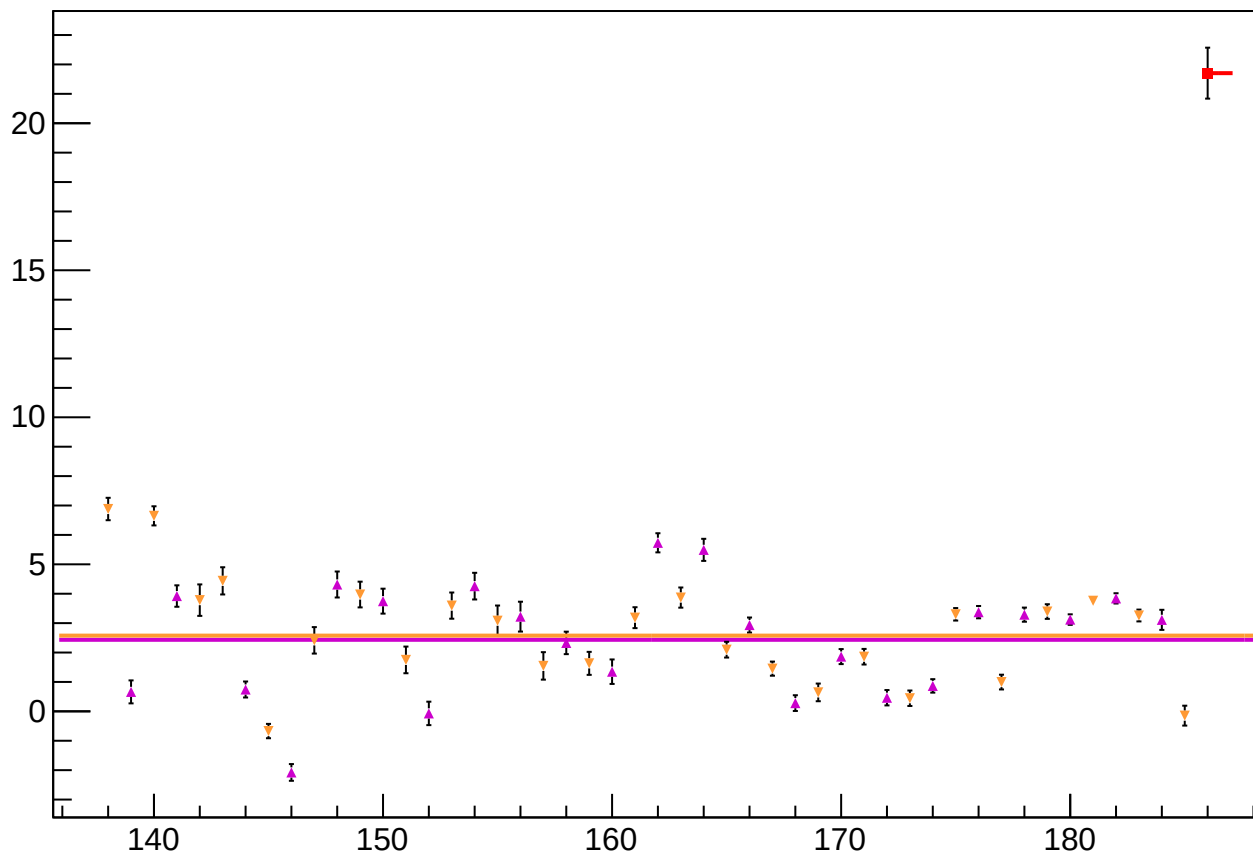
Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

+ sign 0.142 ± 0.003 χ^2/NDF : 1864.8/41

All: 0.134 ± 0.002 χ^2/NDF : 4433.7/84

- sign 0.126 ± 0.003 χ^2/NDF : 2550.3/42

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 2.575 $\pm$ 0.058 χ^2 /NDF:868.1/24

Right Out: 21.703 $\pm$ 0.867 χ^2 /NDF: 0.0/0

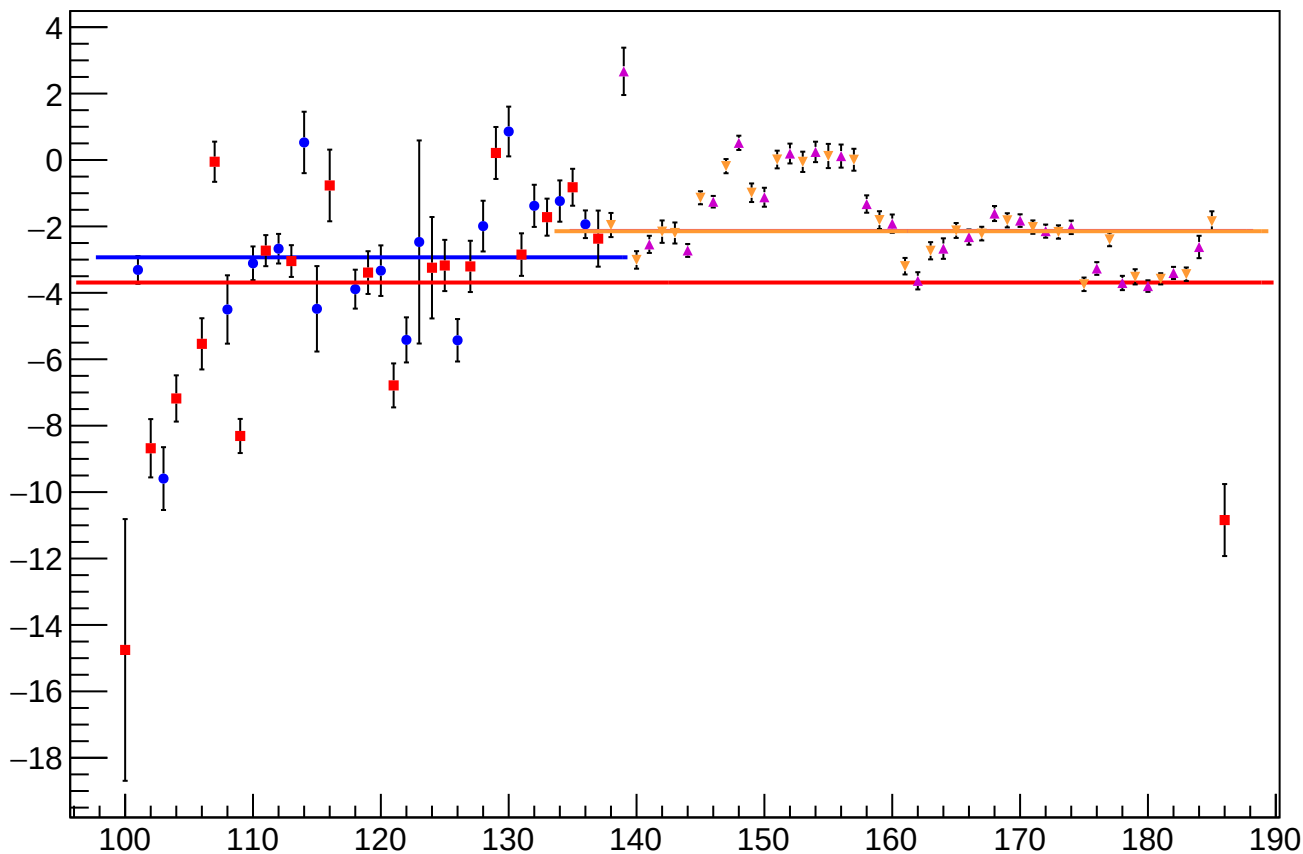
Left In: 2.433 $\pm$ 0.059 χ^2 /NDF:882.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.549 $\pm$ 0.041 χ^2 /NDF: 2243.7/48

- sign 2.522 $\pm$ 0.059 χ^2 /NDF: 1375.2/23

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -2.145 ± 0.048 χ^2/NDF : 572.6/24

Right Out: -3.690 ± 0.153 χ^2/NDF : 336.1/19

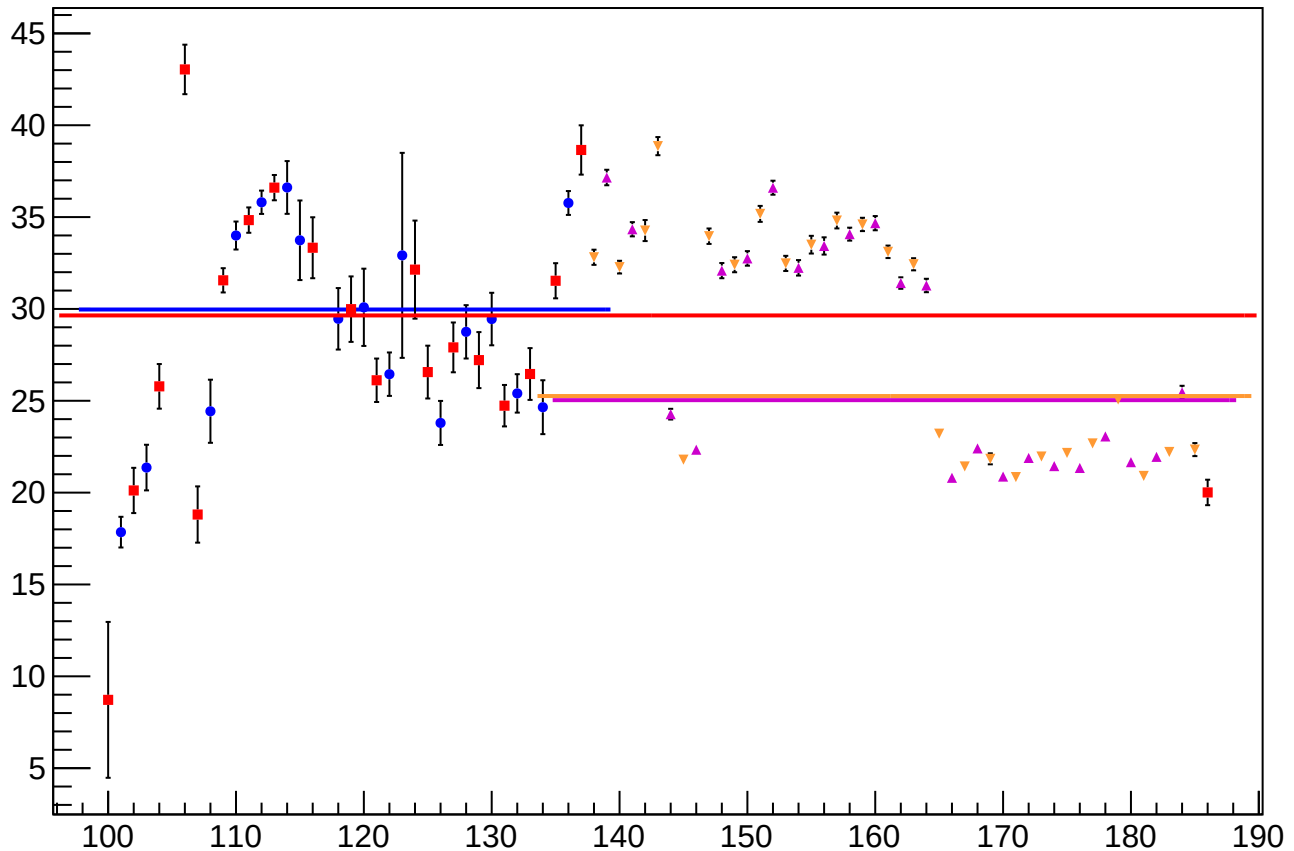
Left In: -2.137 ± 0.048 χ^2/NDF : 693.6/22

+ sign -2.213 ± 0.046 χ^2/NDF : 742.9/41

All: -2.245 ± 0.032 χ^2/NDF : 1867.1/84

- sign -2.277 ± 0.046 χ^2/NDF : 1123.2/42

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

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

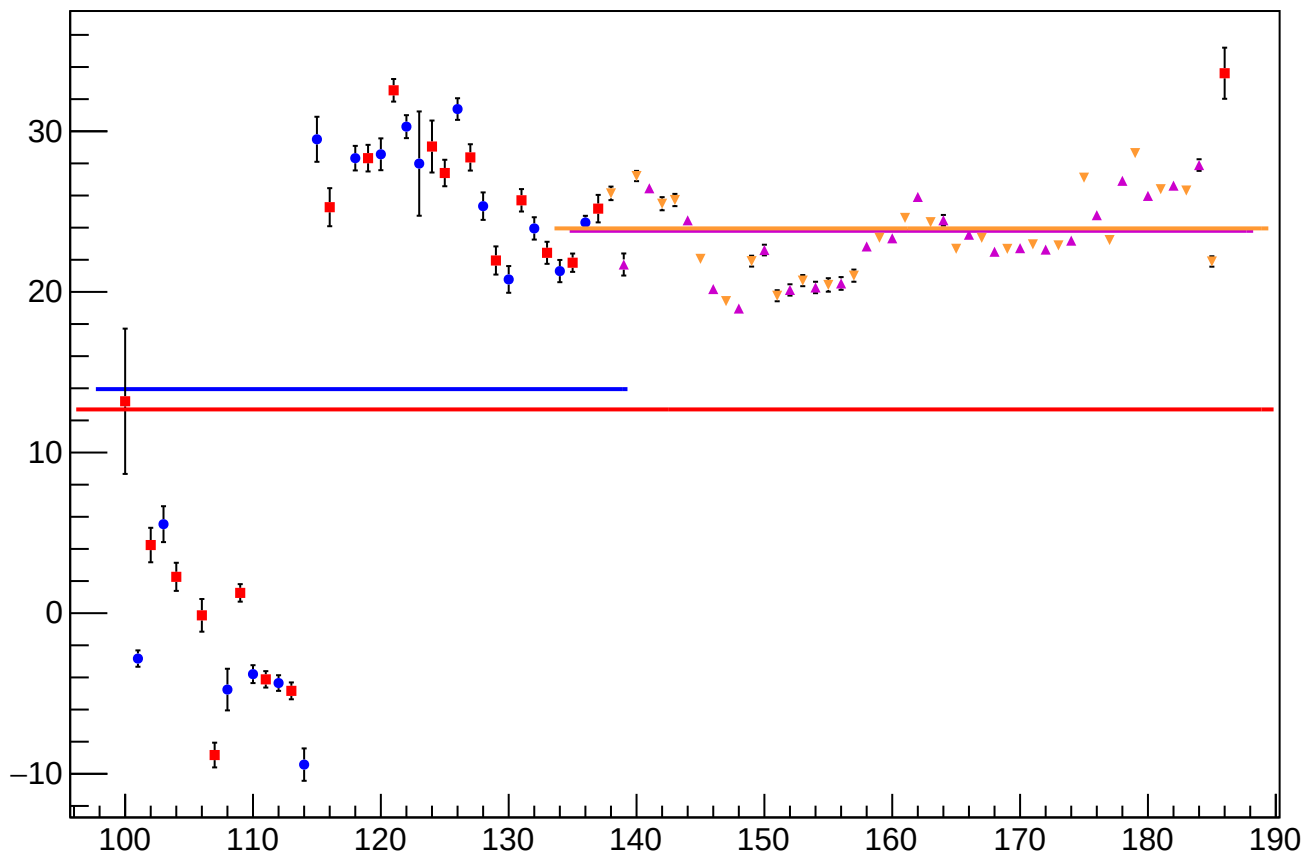
Left In: 25.034 $\pm$ 0.059 χ^2 /NDF: 7690.0/22

+ sign 25.477 $\pm$ 0.058 χ^2 /NDF: 8987.3/41

All: 25.385 $\pm$ 0.041 χ^2 /NDF: 17720.8/84

- 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: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

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

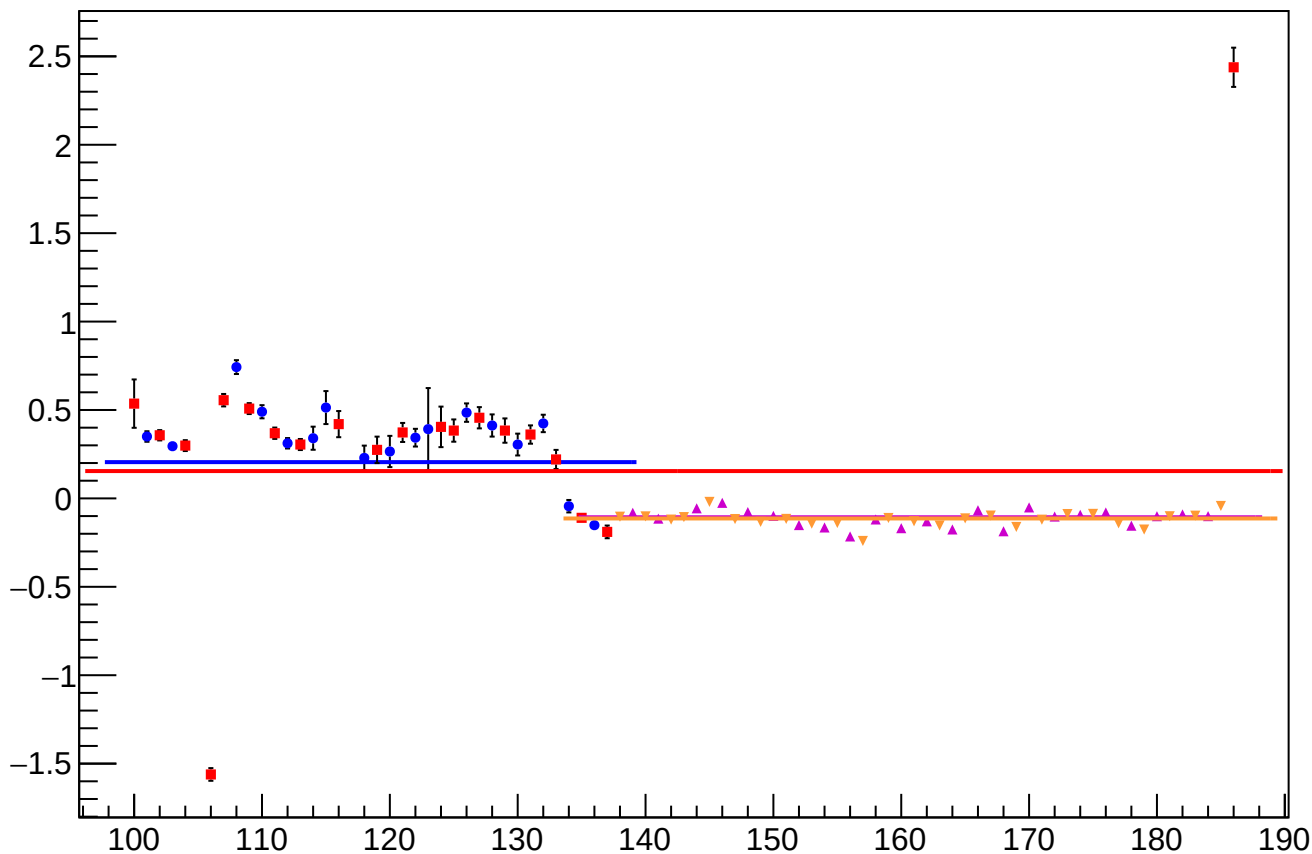
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.079 $\pm$ 0.051 χ^2 /NDF: 12397.3/41

All: 22.950 $\pm$ 0.036 χ^2 /NDF: 25088.8/84

- 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: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.114 $\pm$ 0.002 χ^2 /NDF: 290.8/24

Right Out: 0.155 $\pm$ 0.009 χ^2 /NDF: 3443.3/19

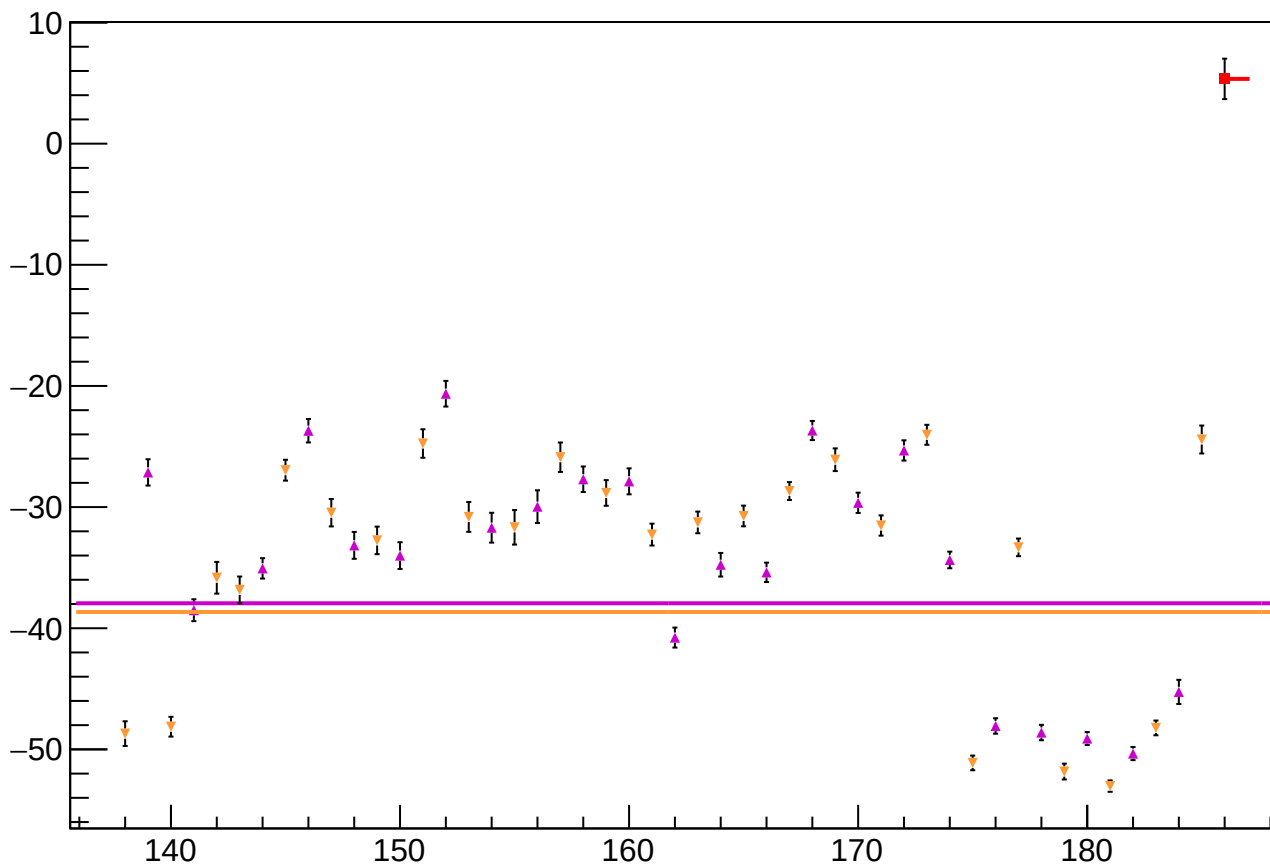
Left In: -0.107 $\pm$ 0.002 χ^2 /NDF: 322.0/22

+ sign -0.094 $\pm$ 0.002 χ^2 /NDF: 2223.1/41

All: -0.091 $\pm$ 0.002 χ^2 /NDF: 6748.1/84

- sign -0.089 $\pm$ 0.002 χ^2 /NDF: 4523.4/42

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 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

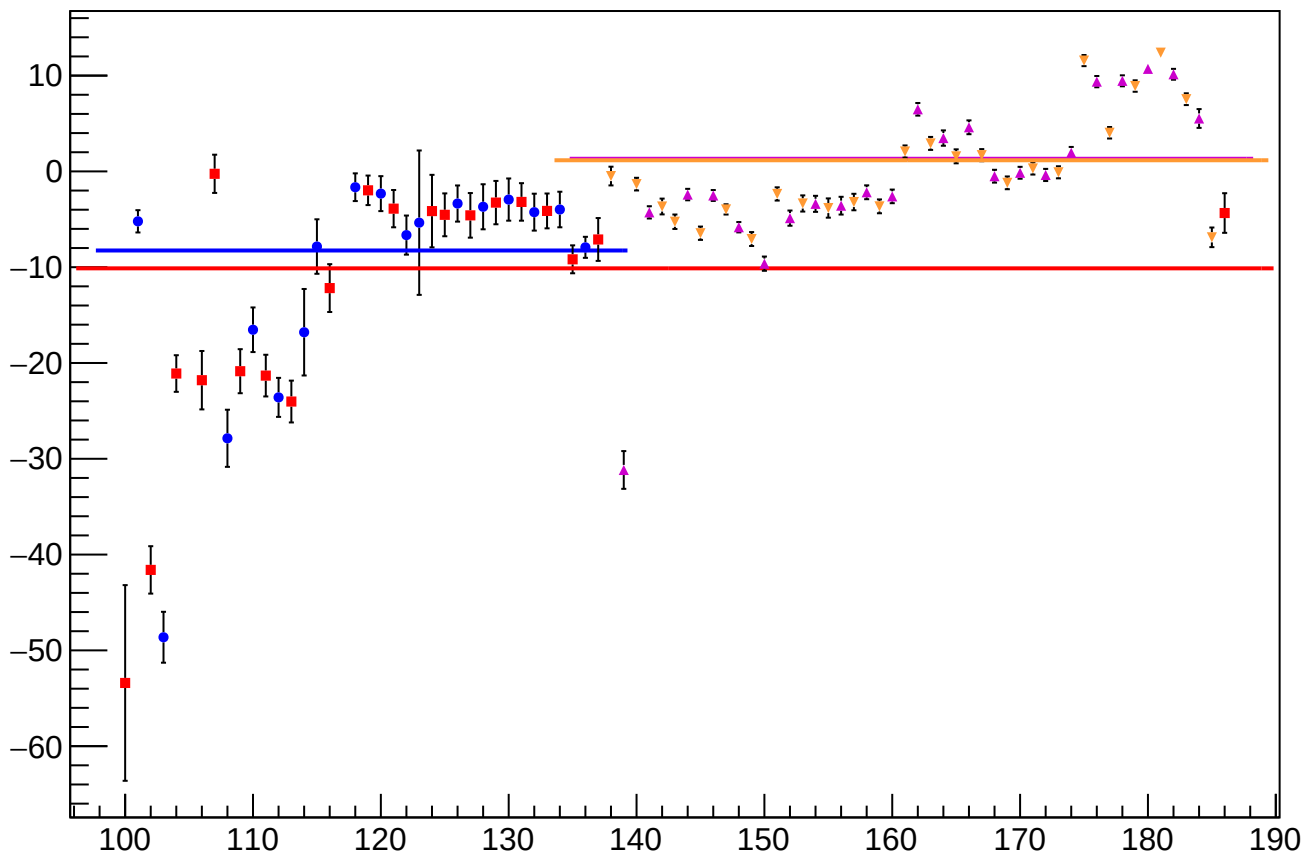
Left In: -37.939+/-0.173 χ^2 /NDF: 3133.2/22

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

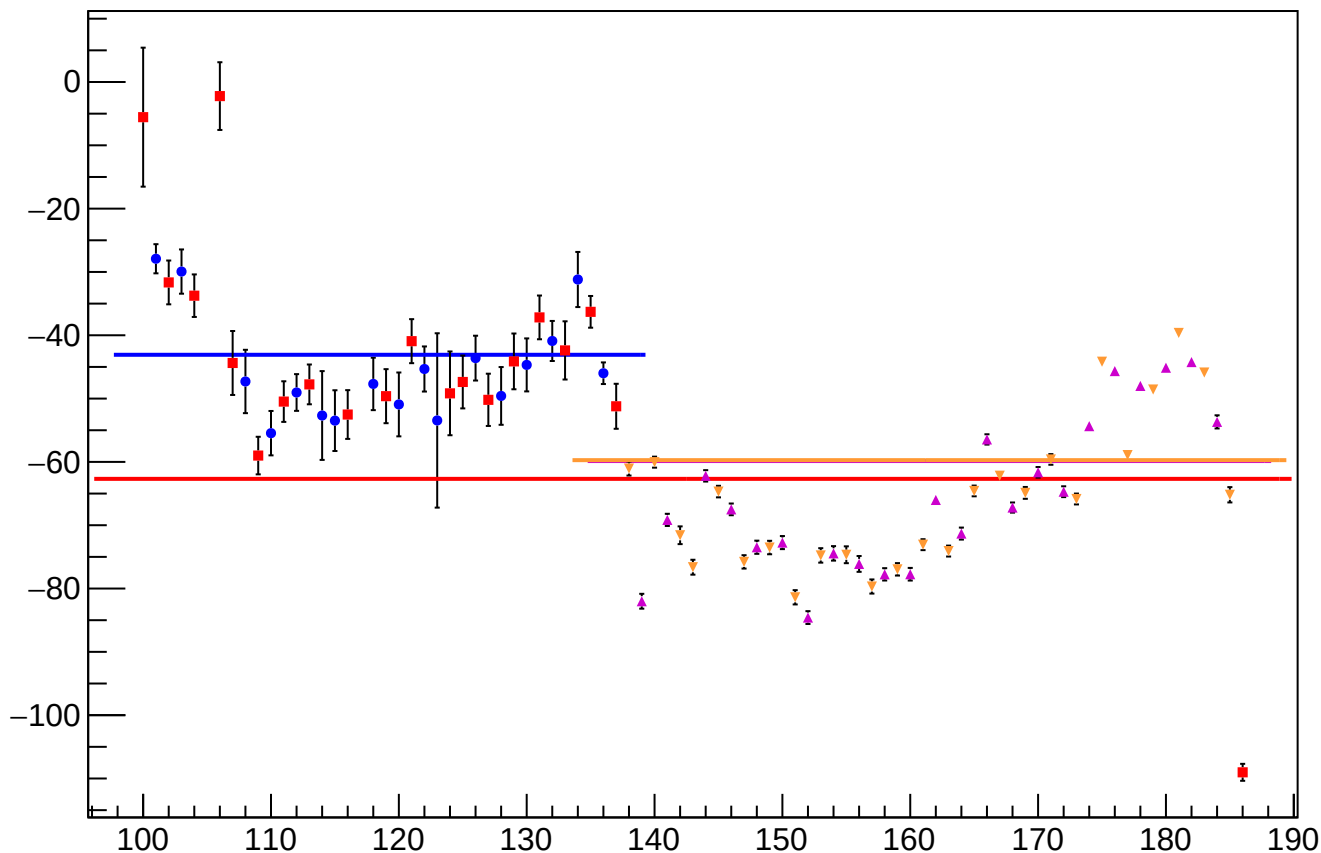
All: -38.079+/-0.121 χ^2 /NDF: 7896.4/48

- sign -37.482+/-0.172 χ^2 /NDF: 3798.7/23

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$

Left Out: -59.724 ± 0.170 $\chi^2/\text{NDF}: 5789.8/24$

Right Out: -62.678 ± 0.727 $\chi^2/\text{NDF}: 1855.0/19$

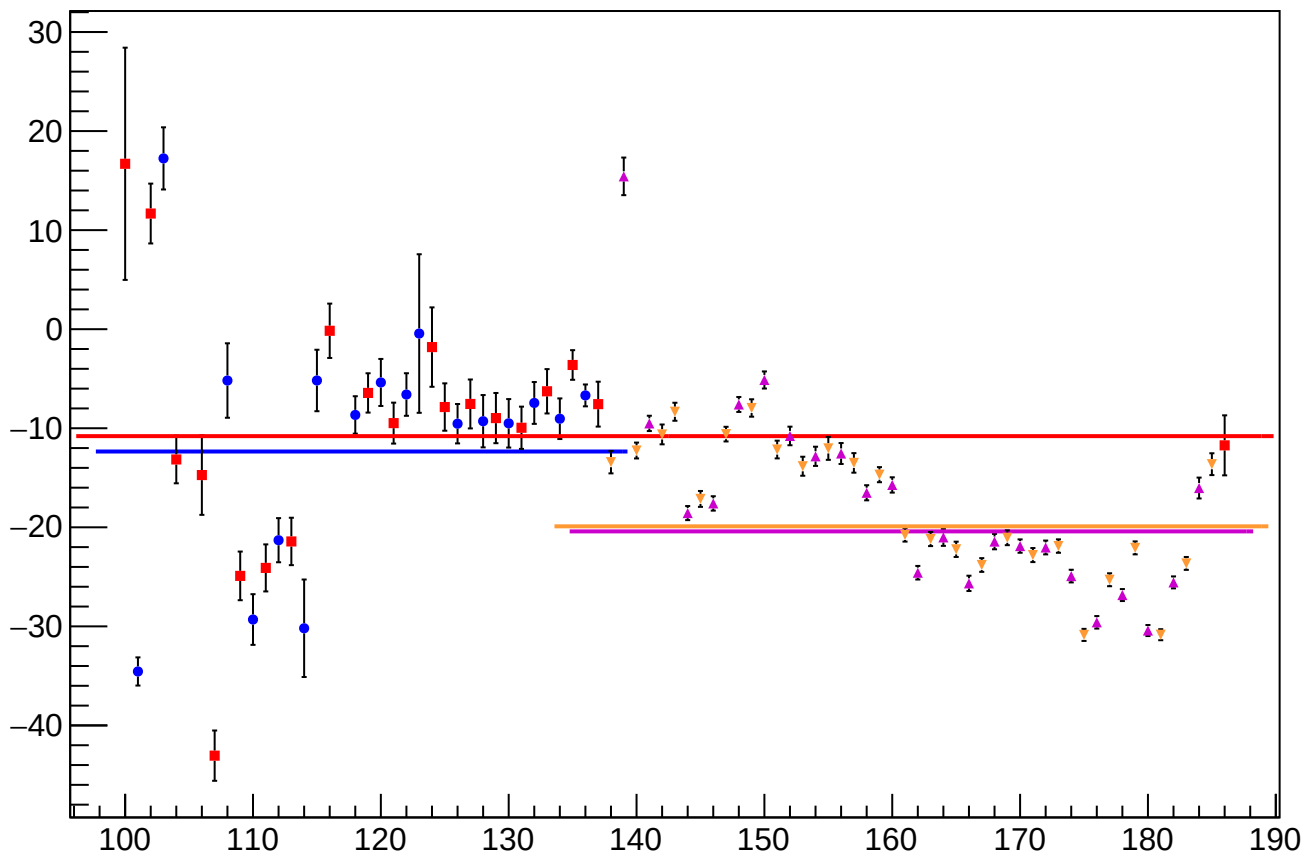
Left In: -59.864 ± 0.173 $\chi^2/\text{NDF}: 5275.1/22$

+ sign -59.058 ± 0.167 $\chi^2/\text{NDF}: 6271.0/41$

All: -59.533 ± 0.118 $\chi^2/\text{NDF}: 13431.5/84$

- sign -60.014 ± 0.168 $\chi^2/\text{NDF}: 7144.2/42$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348 ± 0.520 $\chi^2/\text{NDF}: 475.9/16$

Left Out: -19.902 ± 0.153 $\chi^2/\text{NDF}: 1904.7/24$

Right Out: -10.796 ± 0.545 $\chi^2/\text{NDF}: 366.7/19$

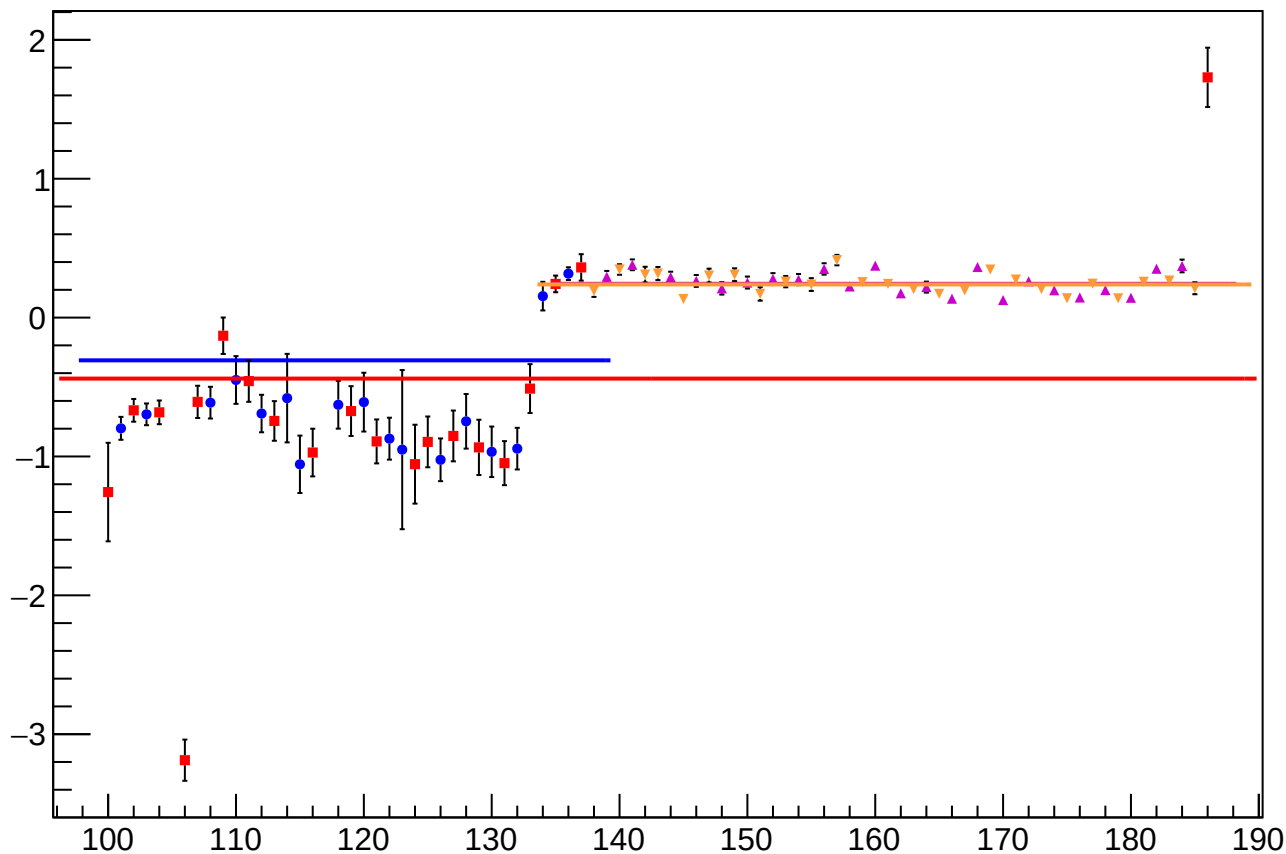
Left In: -20.412 ± 0.156 $\chi^2/\text{NDF}: 2345.4/22$

+ sign -19.299 ± 0.147 $\chi^2/\text{NDF}: 2575.0/41$

All: -19.486 ± 0.105 $\chi^2/\text{NDF}: 5578.6/84$

- sign -19.681 ± 0.150 $\chi^2/\text{NDF}: 3000.2/42$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.239 ± 0.007 χ^2/NDF : 93.5/24

Right Out: -0.439 ± 0.028 χ^2/NDF : 736.0/19

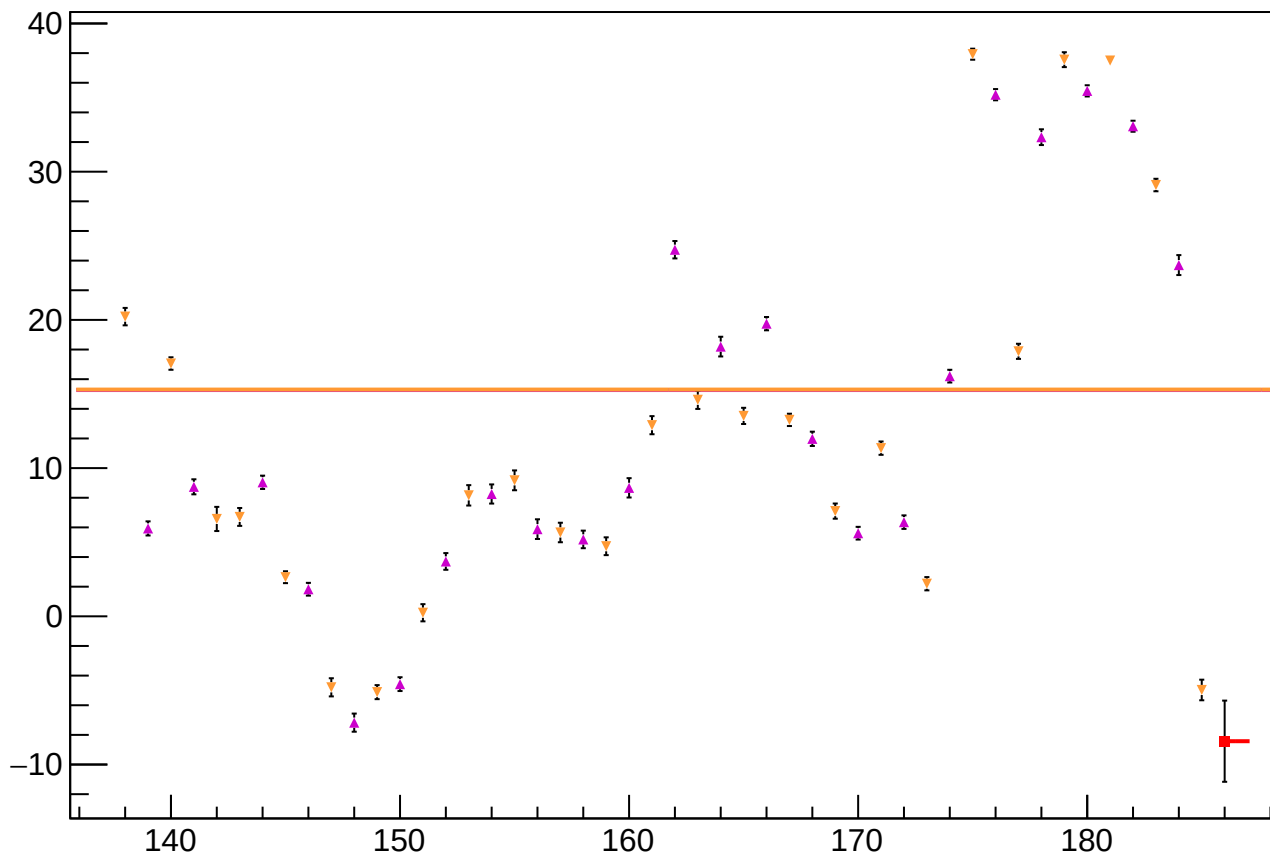
Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

+ sign 0.205 ± 0.007 χ^2/NDF : 836.5/41

All: 0.204 ± 0.005 χ^2/NDF : 2259.4/84

- sign 0.202 ± 0.007 χ^2/NDF : 1422.8/42

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 15.298 $\pm$ 0.101 χ^2 /NDF:19135.0/24

Right Out: -8.426 $\pm$ 2.739 χ^2 /NDF: 0.0/0

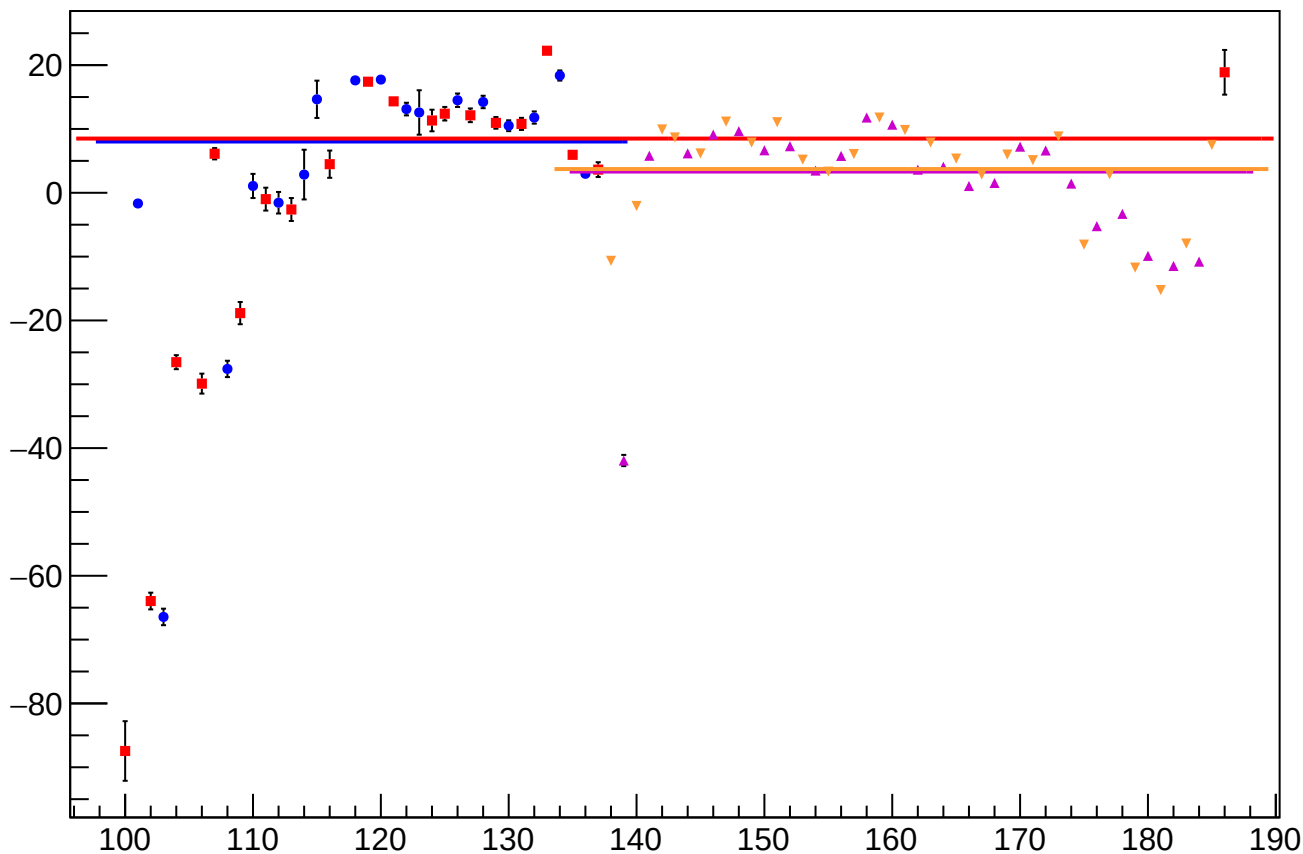
Left In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.267 $\pm$ 0.072 χ^2 /NDF: 35616.2/48

- sign 15.235 $\pm$ 0.102 χ^2 /NDF: 16481.0/23

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 $\pm$ 0.215 χ^2 /NDF: 5369.4/16

Left Out: 3.717 $\pm$ 0.079 χ^2 /NDF: 9201.0/24

Right Out: 8.493 $\pm$ 0.213 χ^2 /NDF: 6713.2/19

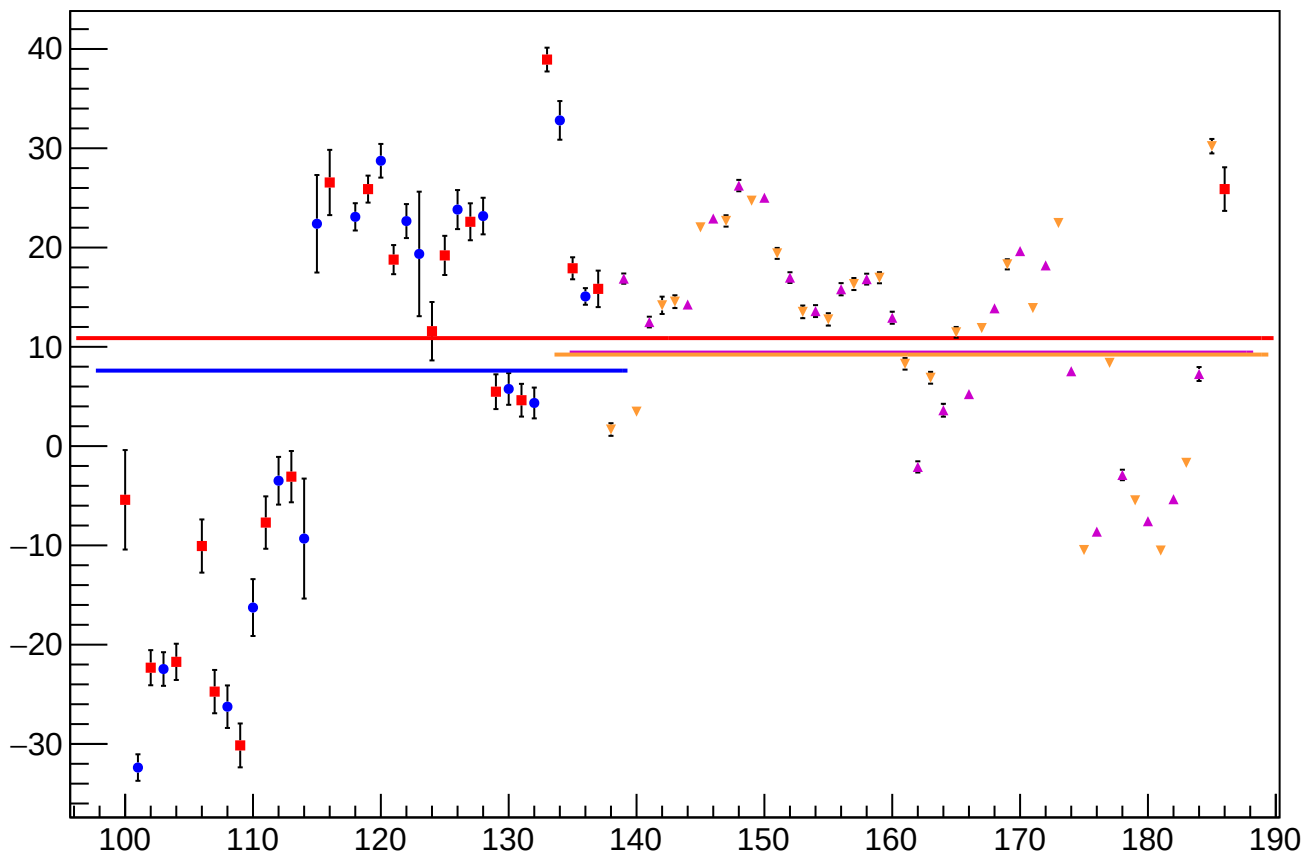
Left In: 3.327 $\pm$ 0.081 χ^2 /NDF: 8830.5/22

+ sign 4.230 $\pm$ 0.074 χ^2 /NDF: 14925.5/41

All: 4.107 $\pm$ 0.053 χ^2 /NDF: 30988.9/84

- sign 3.979 $\pm$ 0.076 χ^2 /NDF: 16057.8/42

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 $\pm$ 0.416 χ^2 /NDF: 2325.0/16

Left Out: 9.220 $\pm$ 0.101 χ^2 /NDF:13617.0/24

Right Out: 10.877 $\pm$ 0.409 χ^2 /NDF: 2330.2/19

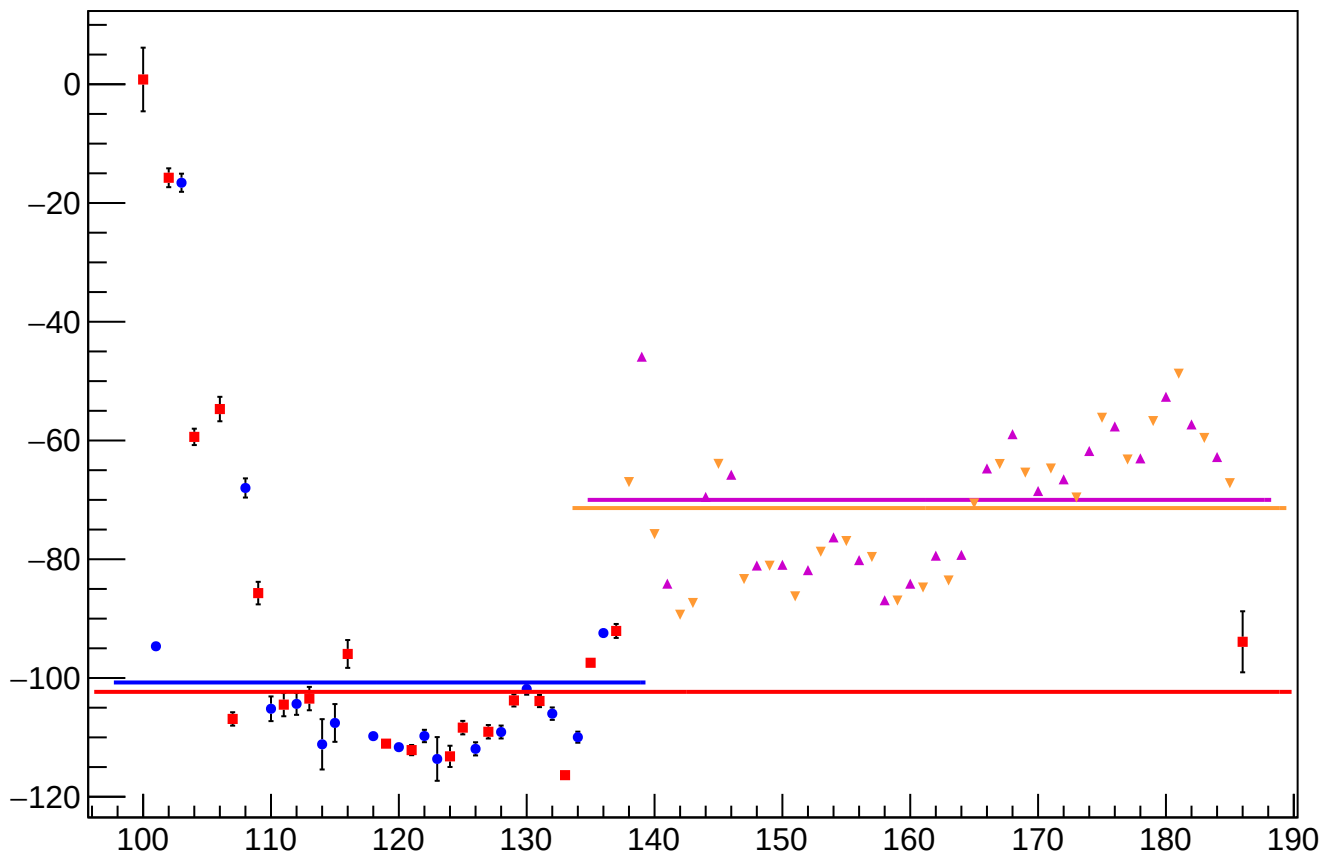
Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

+ sign 9.130 $\pm$ 0.098 χ^2 /NDF: 15956.2/41

All: 9.316 $\pm$ 0.070 χ^2 /NDF: 30383.8/84

- sign 9.505 $\pm$ 0.099 χ^2 /NDF: 14420.3/42

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -71.379 ± 0.089 χ^2/NDF : 16226.2/24

Right Out: -102.335 ± 0.246 χ^2/NDF : 6081.6/19

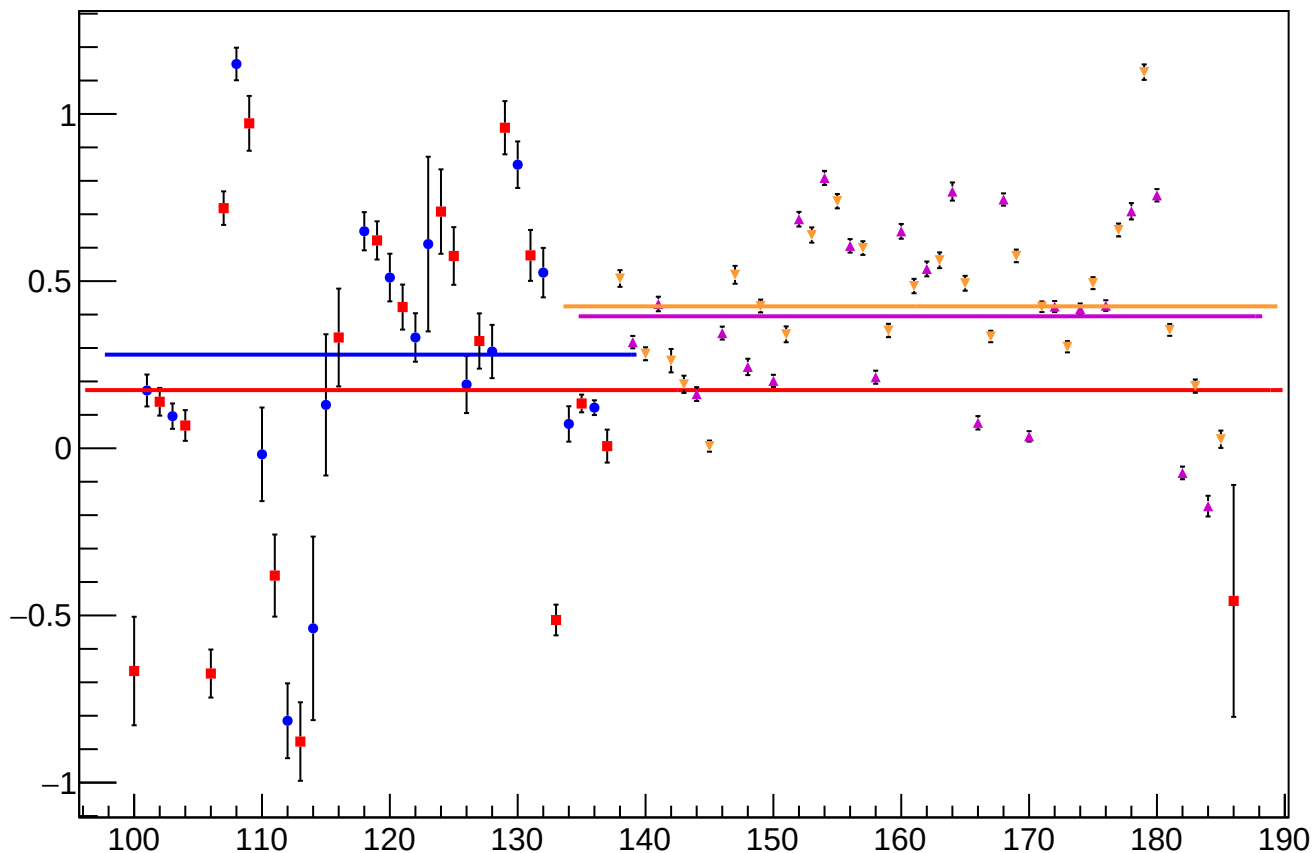
Left In: -69.999 ± 0.091 χ^2/NDF : 13188.0/22

+ sign -74.762 ± 0.084 χ^2/NDF : 33160.8/41

All: -74.350 ± 0.060 χ^2/NDF : 67667.4/84

- sign -73.923 ± 0.086 χ^2/NDF : 34457.7/42

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 $\pm$ 0.013 χ^2/NDF : 656.0/16

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

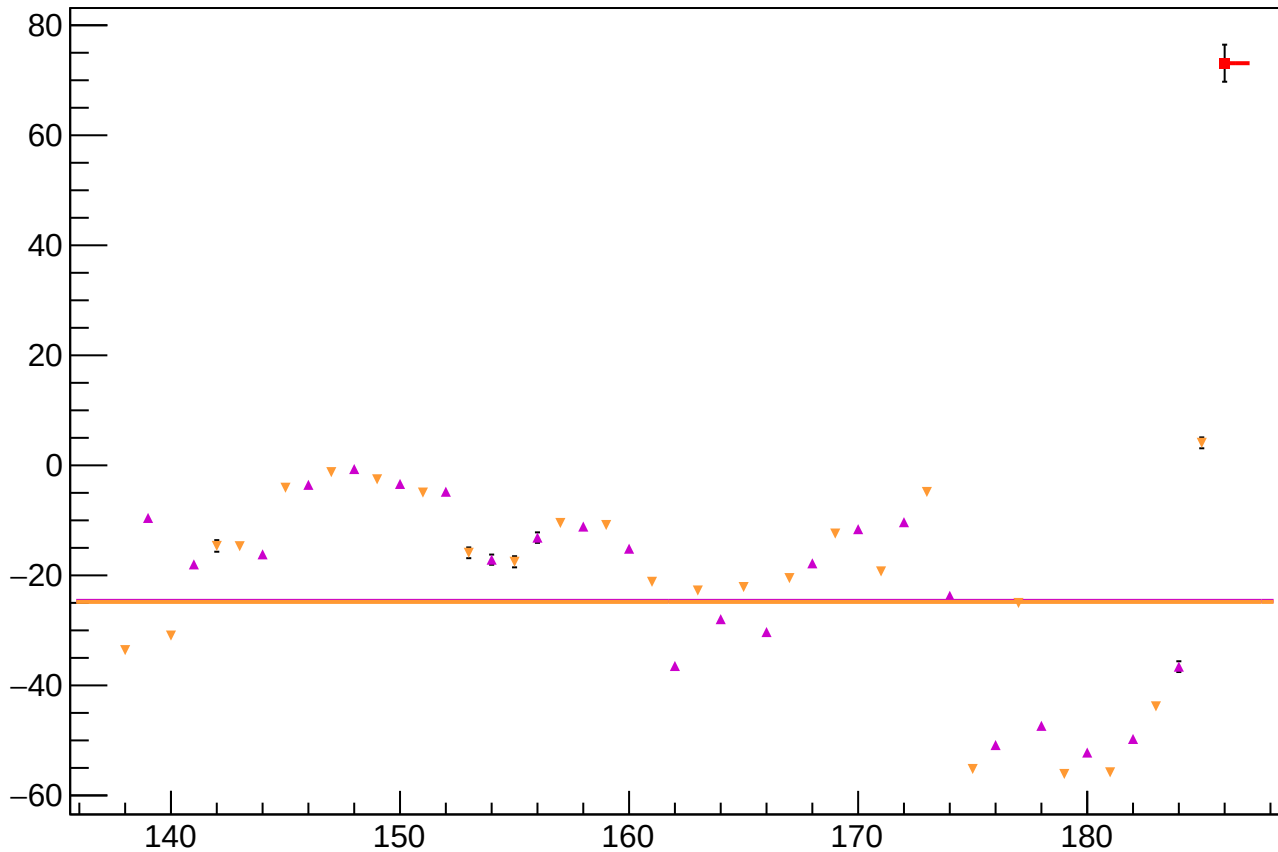
Left In: 0.395 $\pm$ 0.004 χ^2/NDF : 4063.1/22

+ sign 0.412 $\pm$ 0.004 χ^2/NDF : 3628.2/41

All: 0.394 $\pm$ 0.003 χ^2/NDF : 8951.3/84

- sign 0.376 $\pm$ 0.004 χ^2/NDF : 5279.8/42

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.824+/-0.140 χ^2/NDF : 18274.6/24

Right Out: 73.101+/-3.369 χ^2/NDF : 0.0/0

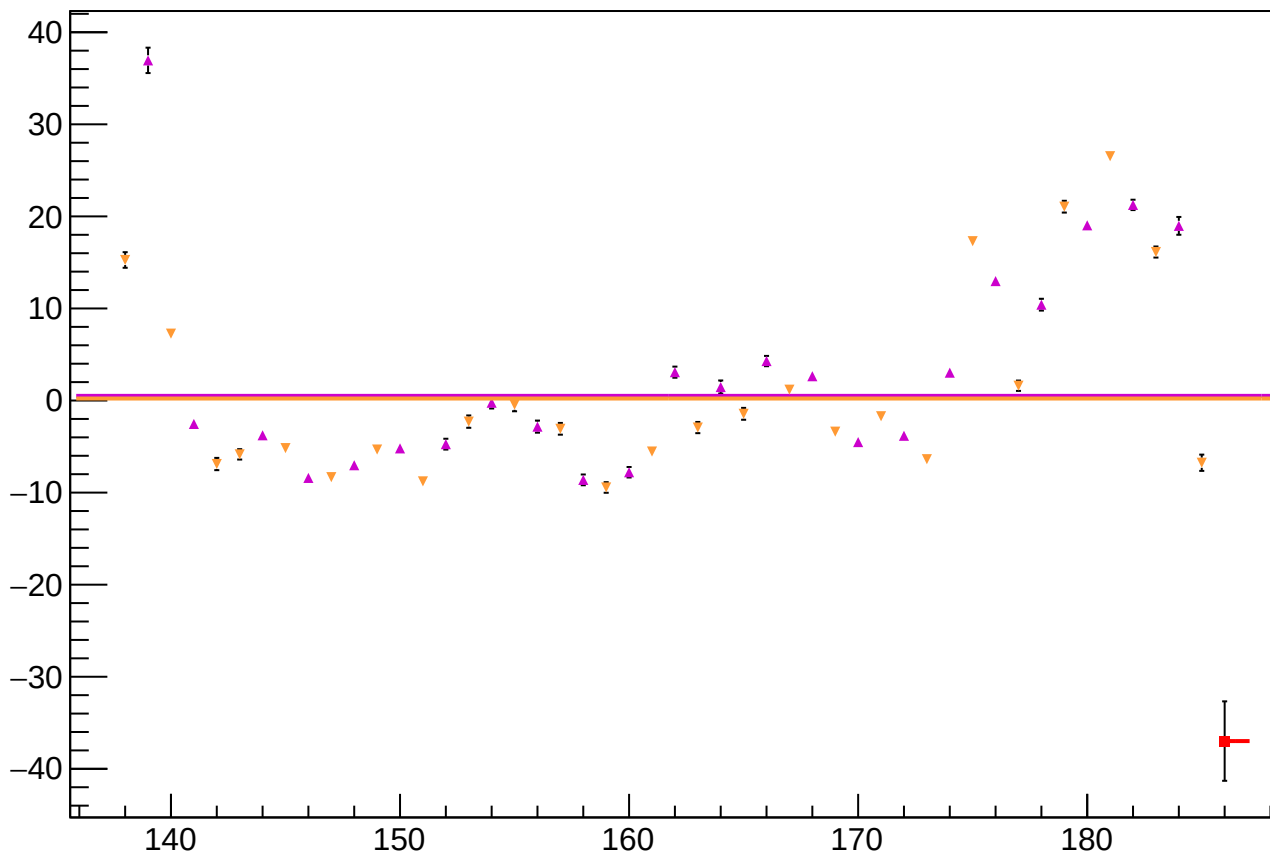
Left In: -24.635+/-0.142 χ^2/NDF : 14947.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.646+/-0.100 χ^2/NDF : 34066.0/48

- sign -24.461+/-0.142 χ^2/NDF : 15788.1/23

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.218+/-0.109 χ^2/NDF :8252.6/24

Right Out: -36.986+/-4.315 χ^2/NDF : 0.0/0

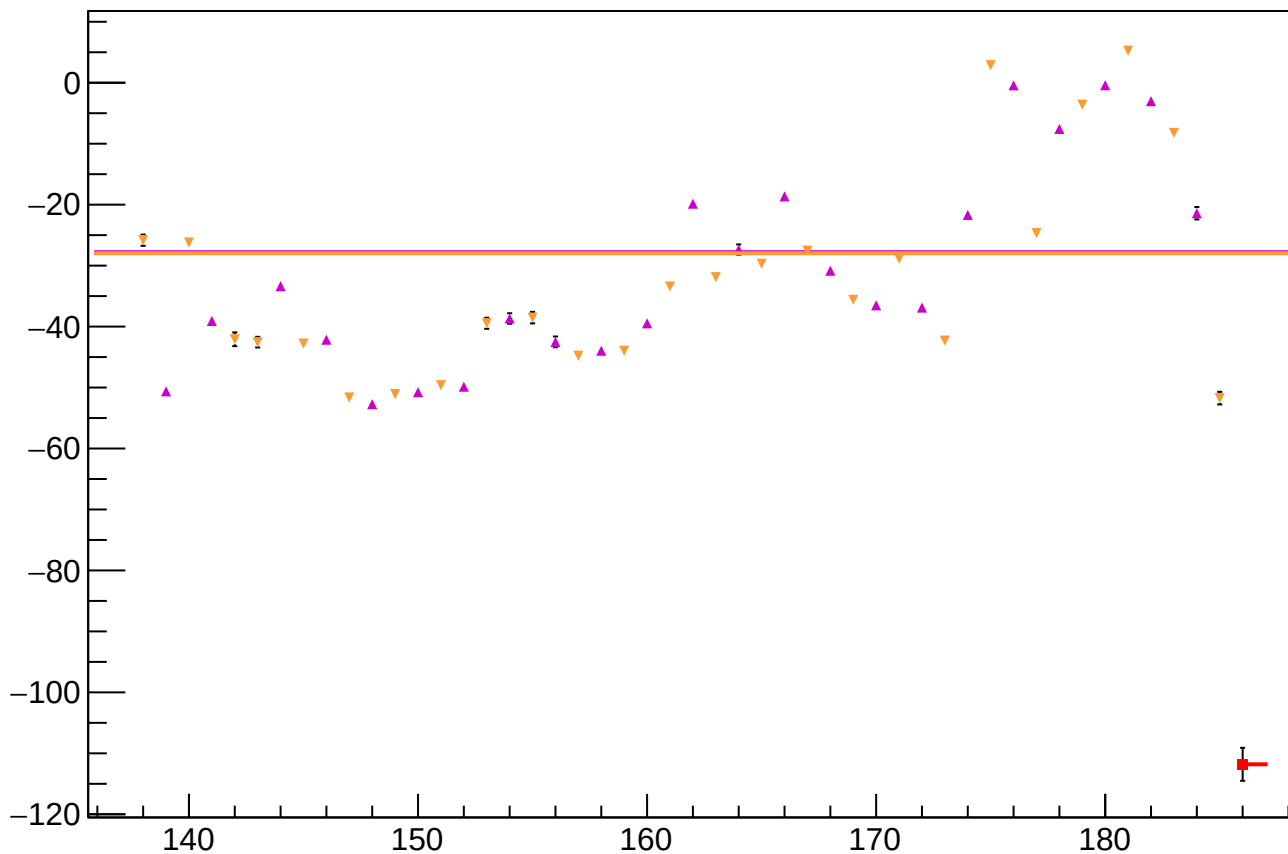
Left In: 0.507+/-0.112 χ^2/NDF :6626.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.346+/-0.078 χ^2/NDF : 14957.8/48

- sign 0.482+/-0.112 χ^2/NDF : 6702.4/23

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -27.977 $\pm$ 0.140 χ^2 /NDF:17079.0/24

Right Out: -111.801 $\pm$ 2.706 χ^2 /NDF: 0.0/0

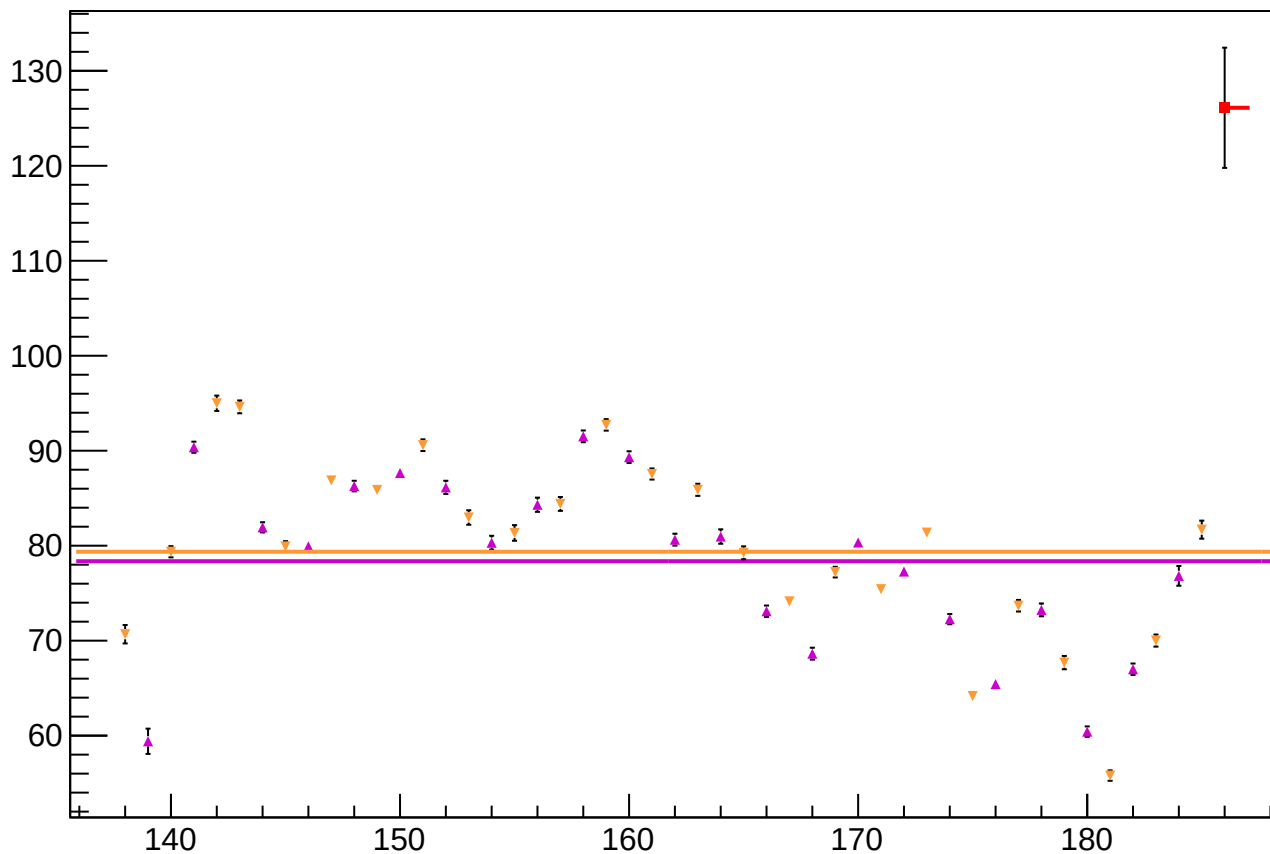
Left In: -27.796 $\pm$ 0.142 χ^2 /NDF:15193.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.001 $\pm$ 0.100 χ^2 /NDF: 33233.8/48

- sign -28.026 $\pm$ 0.142 χ^2 /NDF: 16154.7/23

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 79.364+/-0.123 χ^2/NDF : 5966.3/24

Right Out: 126.108+/-6.329 χ^2/NDF : 0.0/0

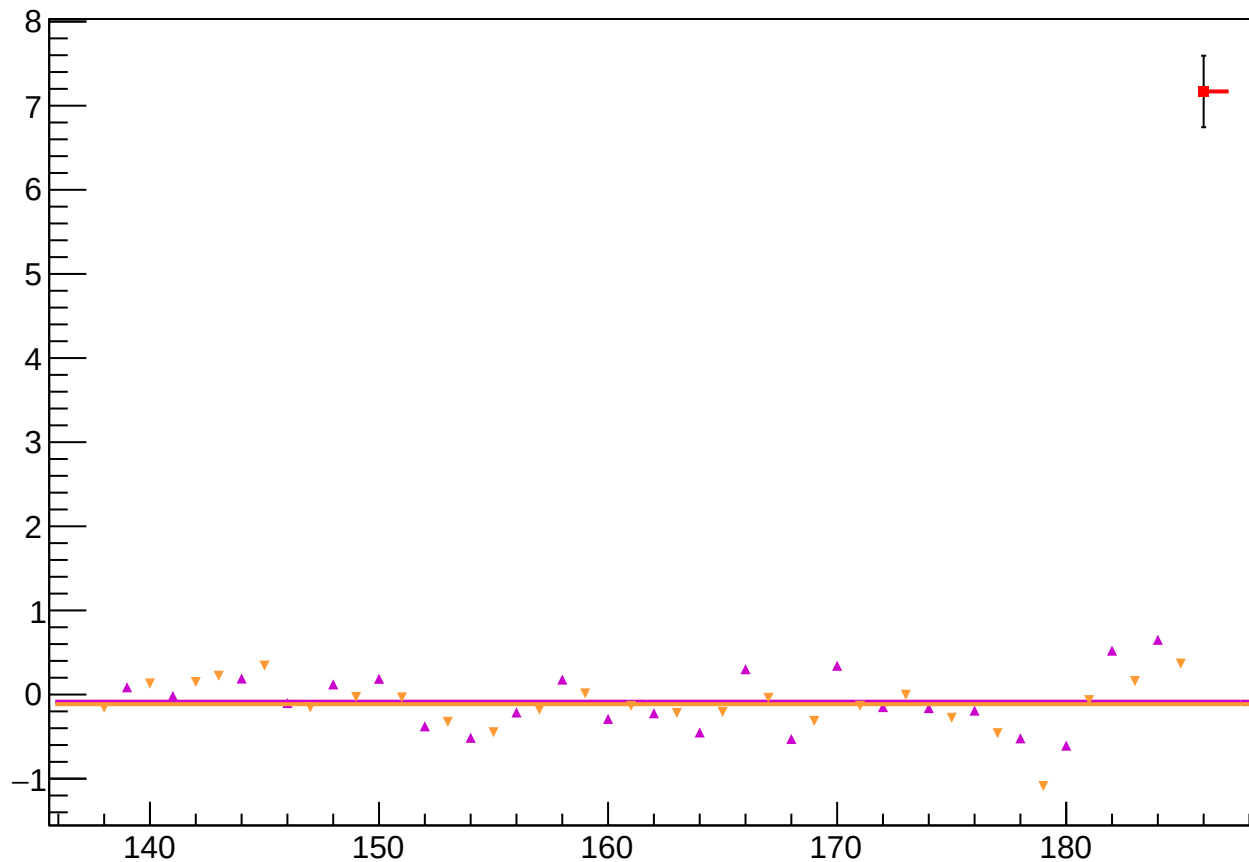
Left In: 78.367+/-0.126 χ^2/NDF : 4735.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.886+/-0.088 χ^2/NDF : 10789.3/48

- sign 78.386+/-0.126 χ^2/NDF : 4792.4/23

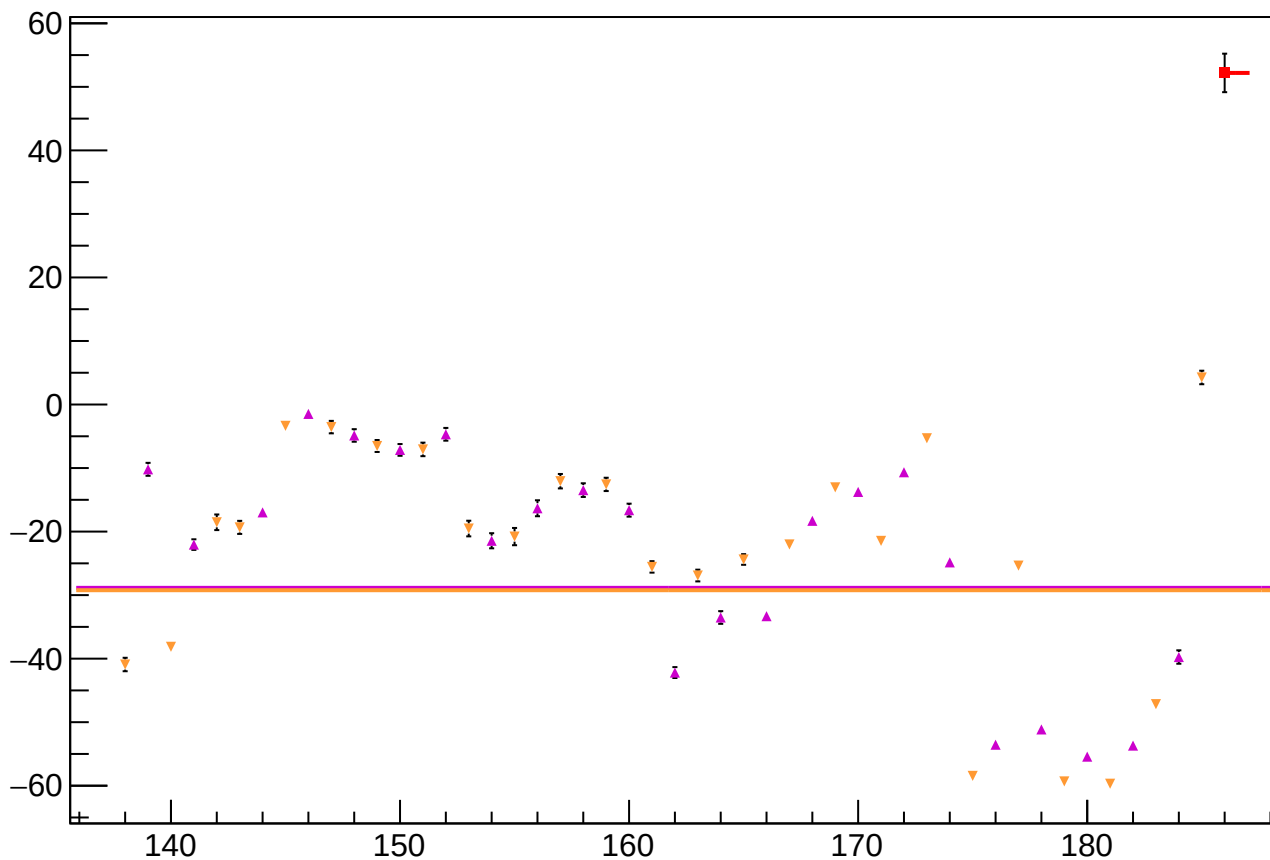
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 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 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.099+/-0.004 χ^2/NDF : 5742.5/48
 - sign -0.084+/-0.006 χ^2/NDF : 3439.2/23

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.227+/-0.157 χ^2/NDF :16880.0/24

Right Out: 52.193+/-3.030 χ^2/NDF : 0.0/0

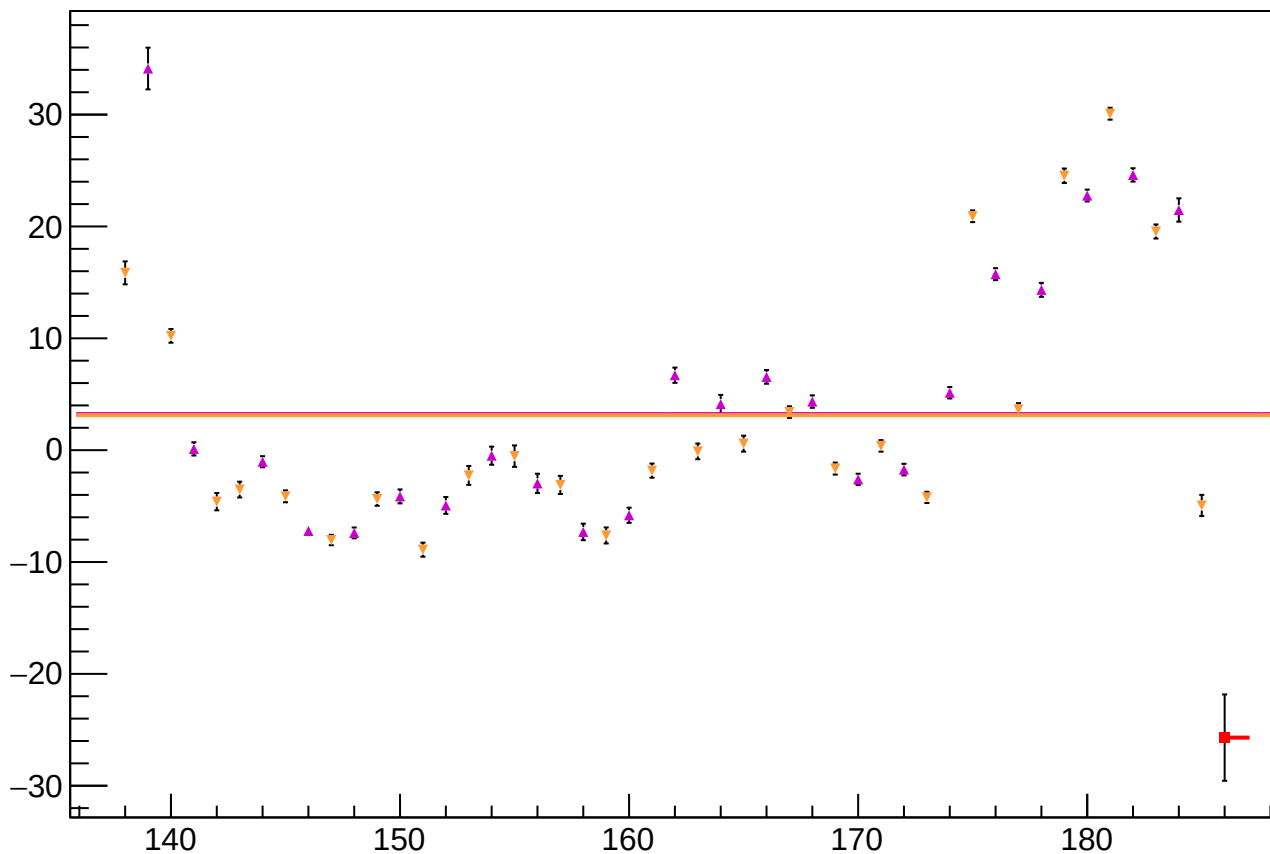
Left In: -28.857+/-0.159 χ^2/NDF :13553.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.934+/-0.112 χ^2/NDF : 31154.1/48

- sign -28.634+/-0.159 χ^2/NDF : 14267.0/23

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.126+/-0.125 χ^2/NDF : 8049.0/24

Right Out: -25.698+/-3.861 χ^2/NDF : 0.0/0

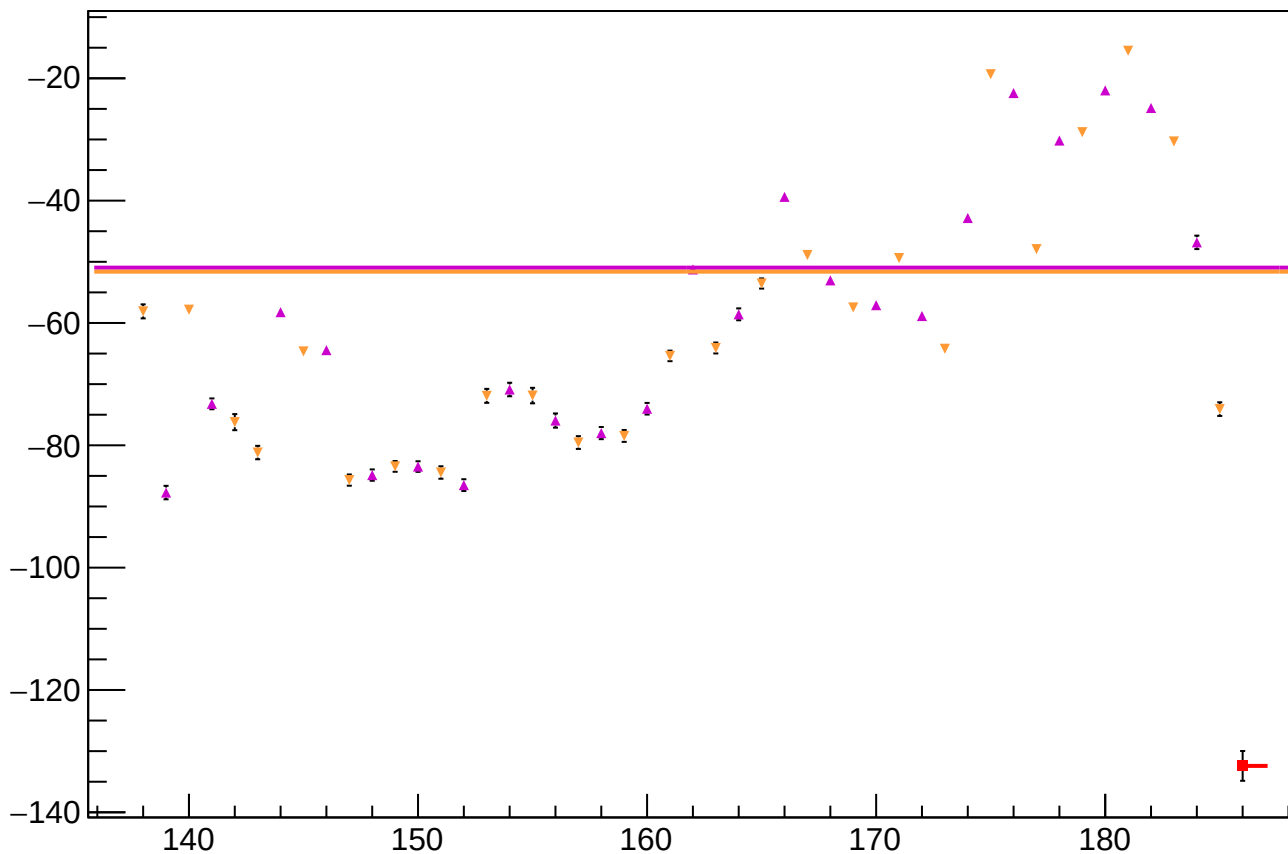
Left In: 3.224+/-0.127 χ^2/NDF : 6274.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.159+/-0.089 χ^2/NDF : 14379.2/48

- sign 3.193+/-0.126 χ^2/NDF : 6330.1/23

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 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

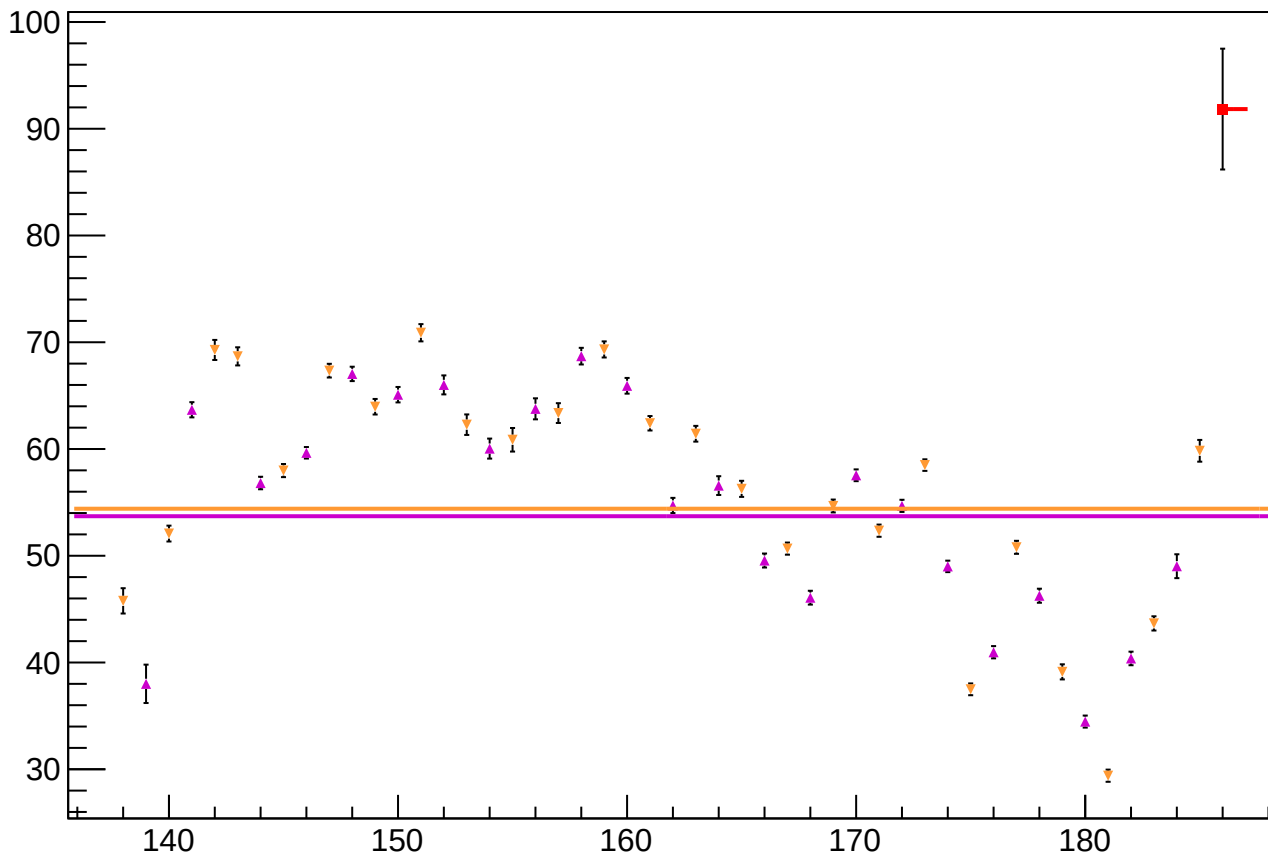
Left In: -50.954+/-0.159 χ^2/NDF :17472.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.457+/-0.112 χ^2/NDF : 37973.5/48

- sign -51.302+/-0.159 χ^2/NDF : 18586.7/23

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 54.407 $\pm$ 0.141 χ^2 /NDF: 6200.4/24

Right Out: 91.843 $\pm$ 5.659 χ^2 /NDF: 0.0/0

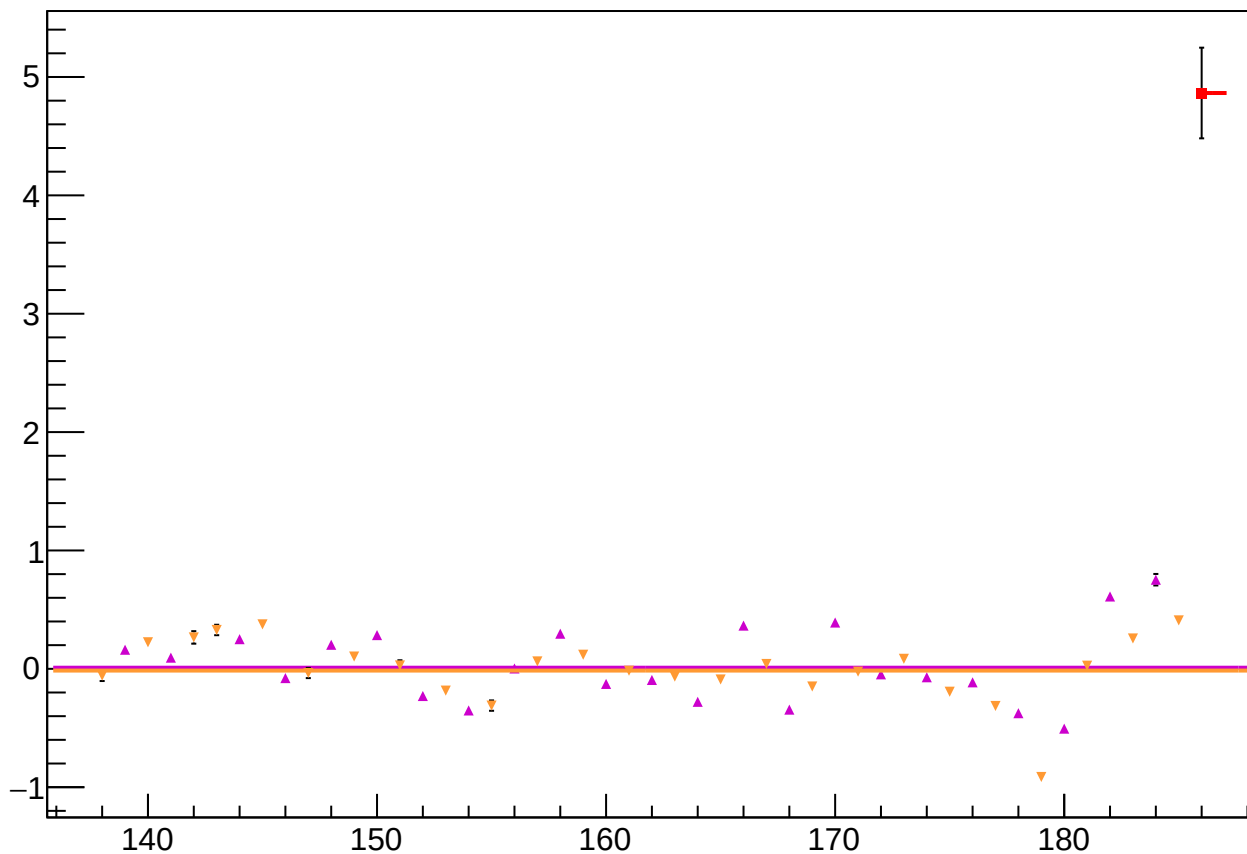
Left In: 53.704 $\pm$ 0.143 χ^2 /NDF: 4603.5/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.072 $\pm$ 0.100 χ^2 /NDF: 10860.8/48

- sign 53.728 $\pm$ 0.143 χ^2 /NDF: 4648.9/23

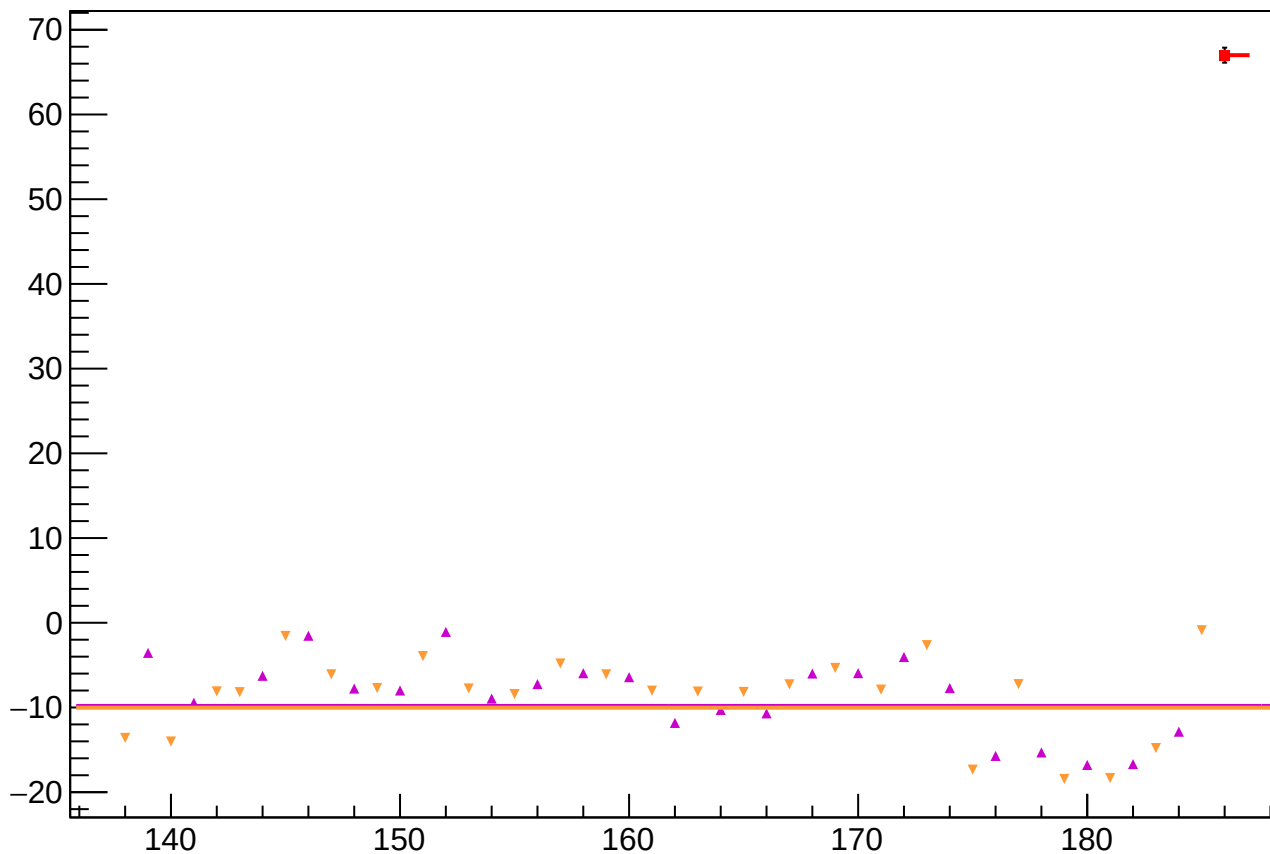
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 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 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.002+/-0.005 χ^2/NDF : 4043.2/48
 - sign 0.011+/-0.007 χ^2/NDF : 2389.5/23

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.030 $\pm$ 0.051 χ^2 /NDF:12530.2/24

Right Out: 67.003 $\pm$ 0.885 χ^2 /NDF: 0.0/0

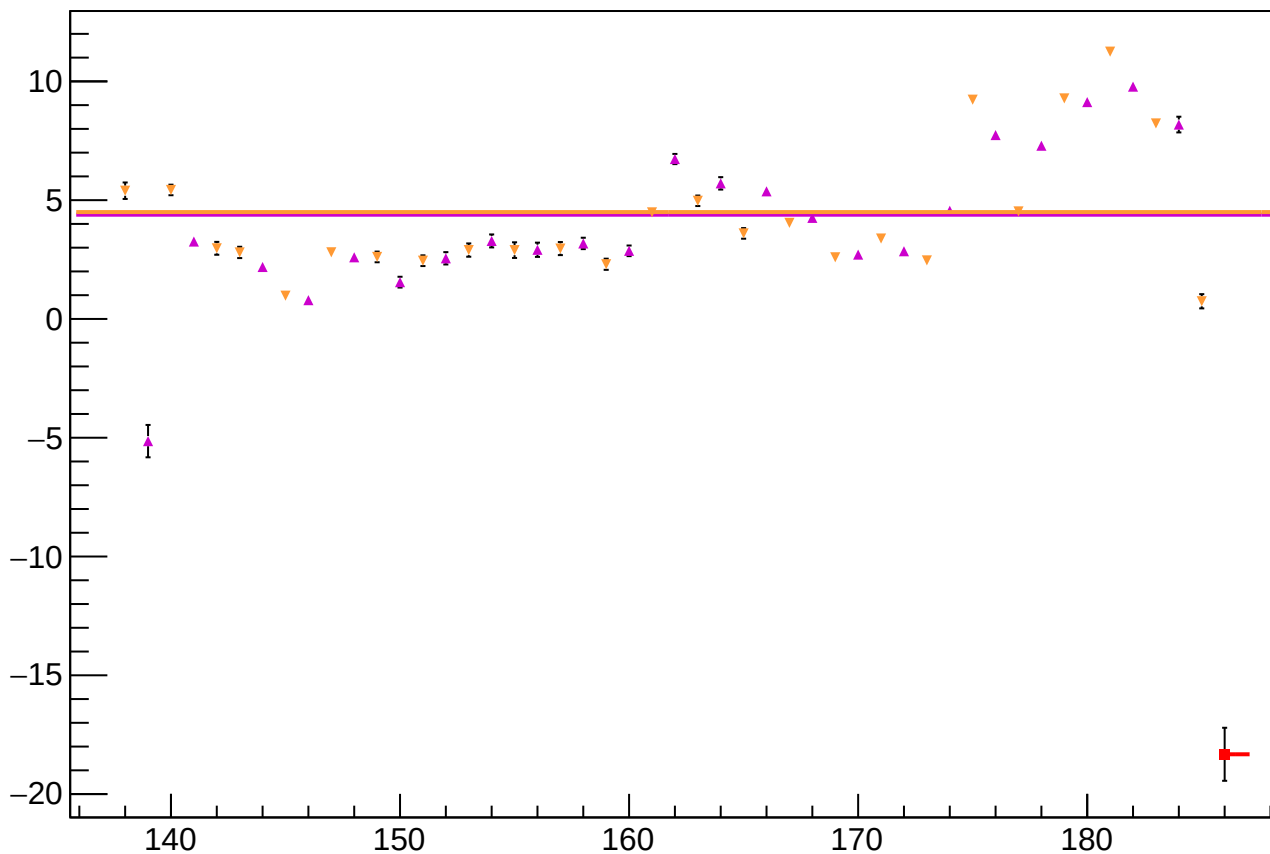
Left In: -9.820 $\pm$ 0.051 χ^2 /NDF:9468.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.798 $\pm$ 0.036 χ^2 /NDF: 29553.6/48

- sign -9.564 $\pm$ 0.051 χ^2 /NDF: 16981.5/23

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4.499+/-0.041 χ^2/NDF : 4809.3/24

Right Out: -18.325+/-1.116 χ^2/NDF : 0.0/0

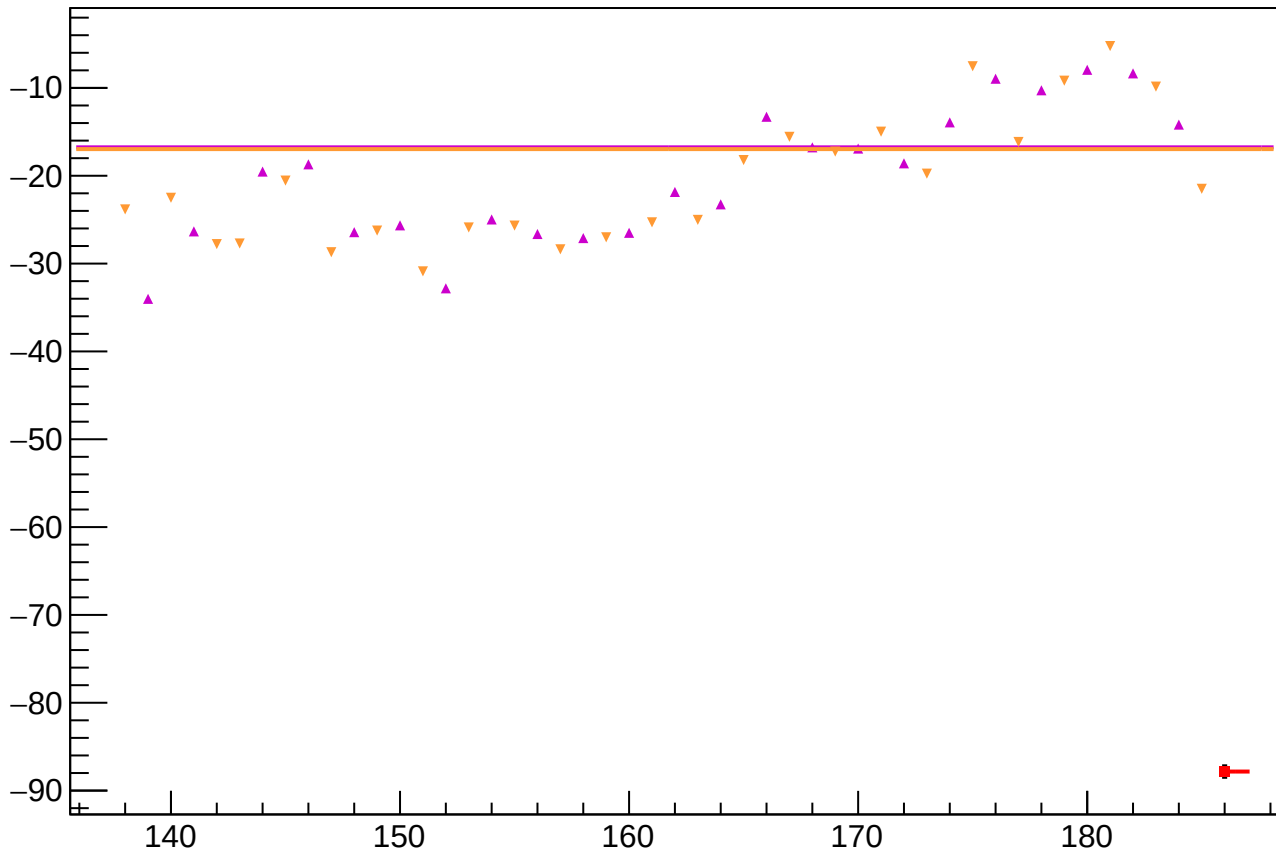
Left In: 4.388+/-0.041 χ^2/NDF : 4266.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.428+/-0.029 χ^2/NDF : 9495.3/48

- sign 4.357+/-0.041 χ^2/NDF : 4680.0/23

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.965+/-0.051 χ^2/NDF : 21902.1/24

Right Out: -87.833+/-0.711 χ^2/NDF : 0.0/0

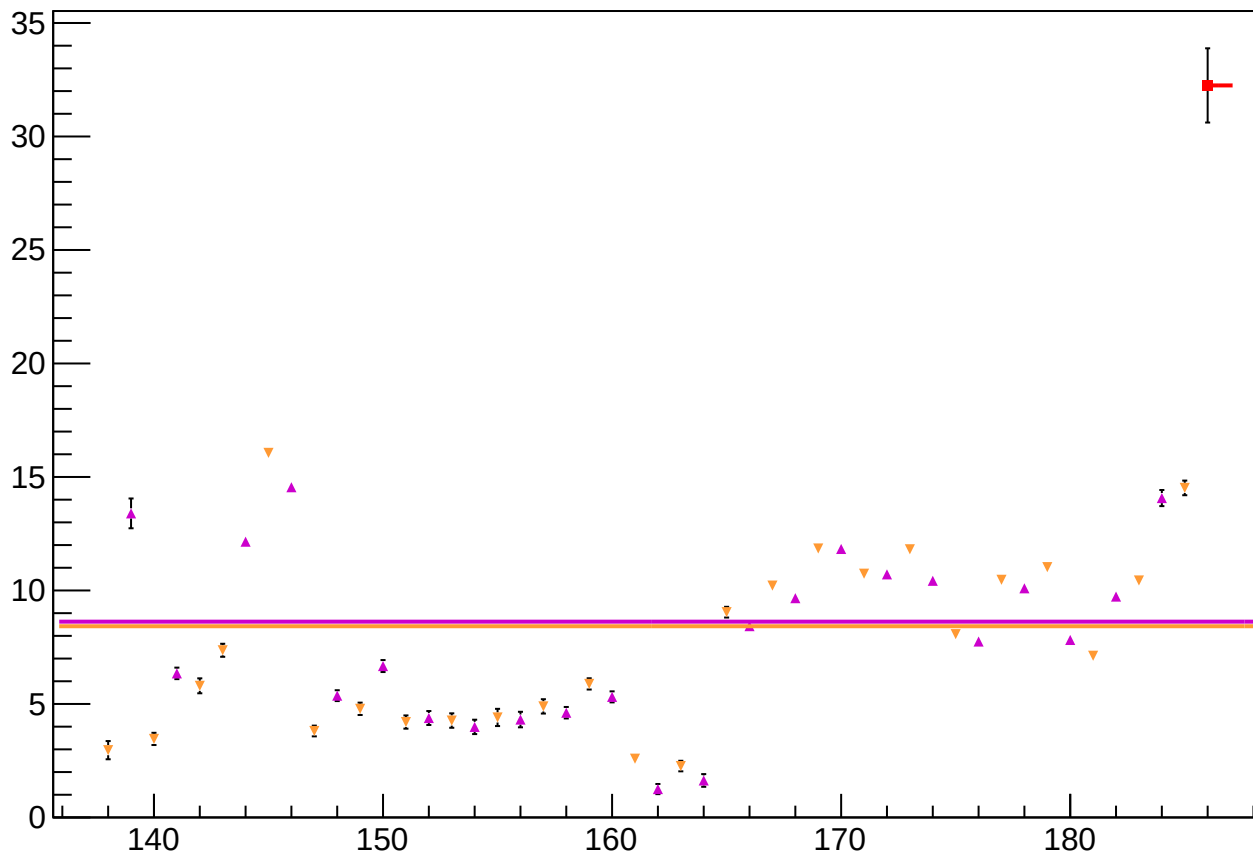
Left In: -16.764+/-0.051 χ^2/NDF : 19037.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.049+/-0.036 χ^2/NDF : 50886.8/48

- sign -17.133+/-0.051 χ^2/NDF : 28979.4/23

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 8.424 $\pm$ 0.046 χ^2 /NDF:6478.6/24

Right Out: 32.250 $\pm$ 1.635 χ^2 /NDF: 0.0/0

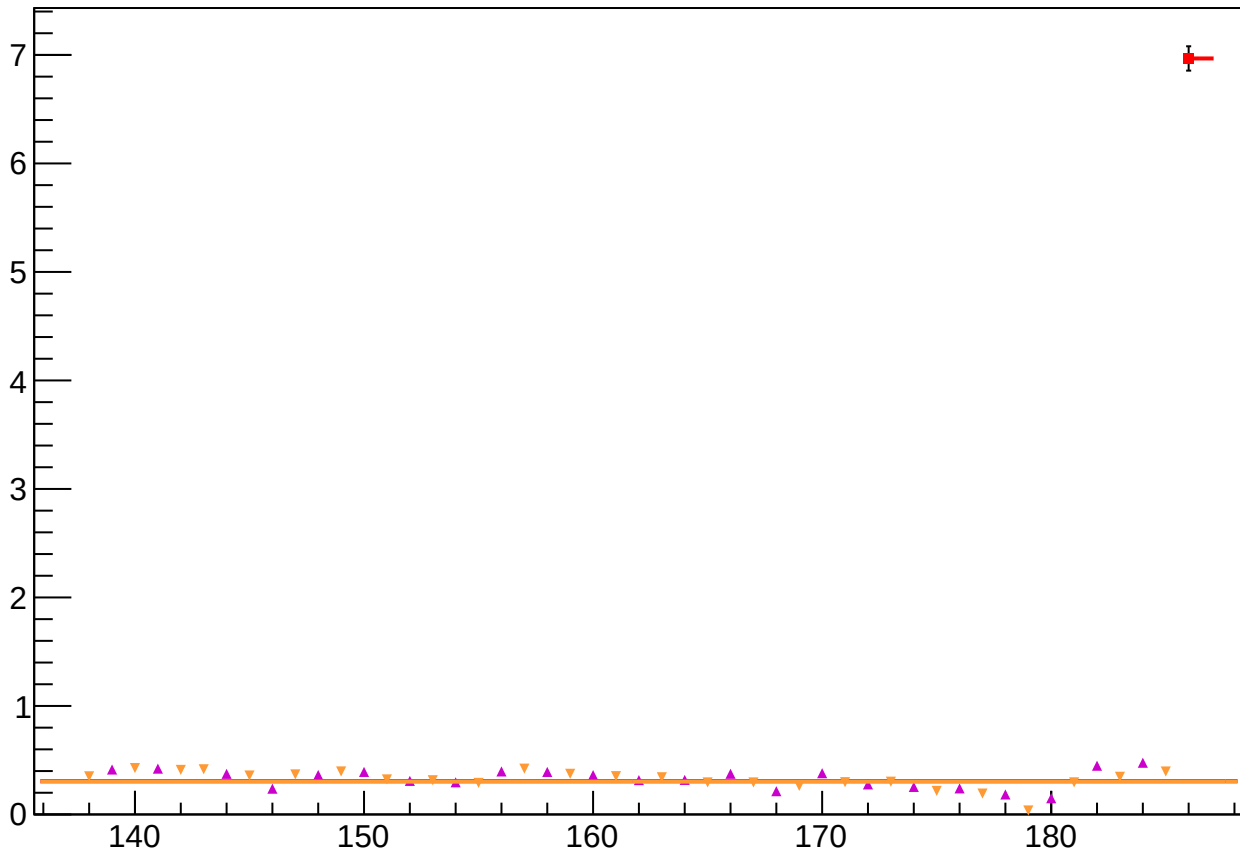
Left In: 8.626 $\pm$ 0.046 χ^2 /NDF:5531.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.533 $\pm$ 0.032 χ^2 /NDF: 12230.6/48

- sign 8.645 $\pm$ 0.046 χ^2 /NDF: 5740.4/23

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

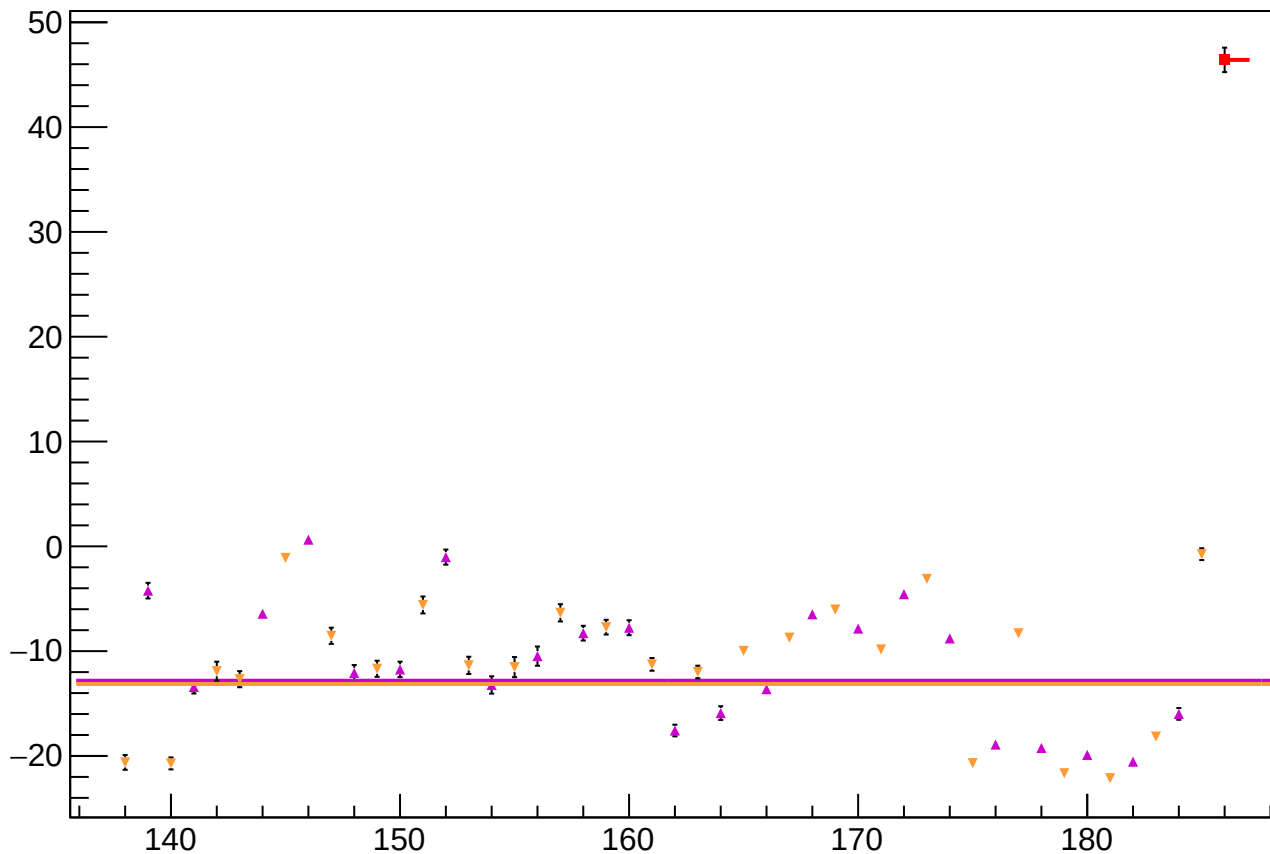
Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.306 $\pm$ 0.001 χ^2 /NDF: 6835.8/48

- sign 0.309 $\pm$ 0.002 χ^2 /NDF: 5240.2/23

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

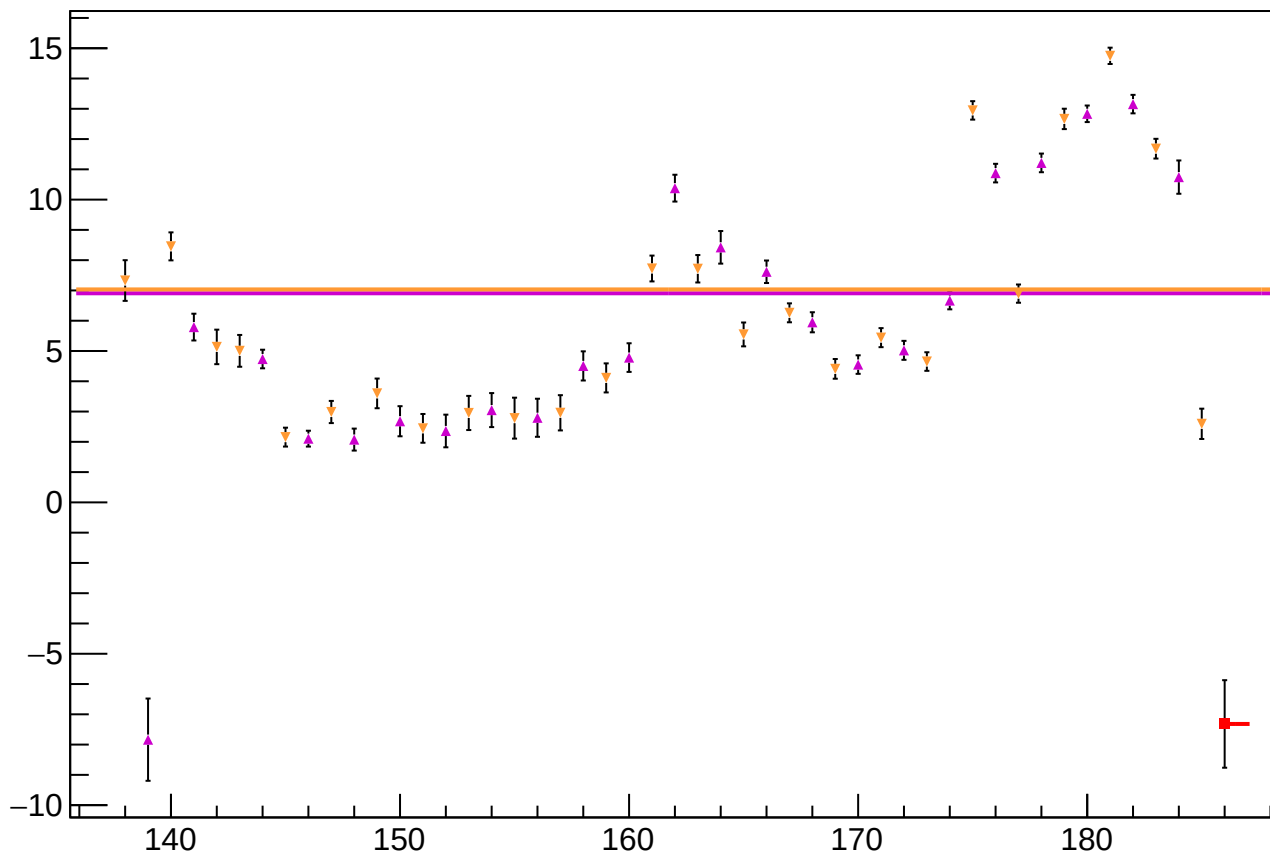
Left In: -12.823 $\pm$ 0.095 χ^2 /NDF: 4841.5/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.786 $\pm$ 0.067 χ^2 /NDF: 13405.1/48

- sign -12.435 $\pm$ 0.094 χ^2 /NDF: 7403.1/23

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 7.034 $\pm$ 0.077 χ^2 /NDF:2657.5/24

Right Out: -7.318 $\pm$ 1.446 χ^2 /NDF: 0.0/0

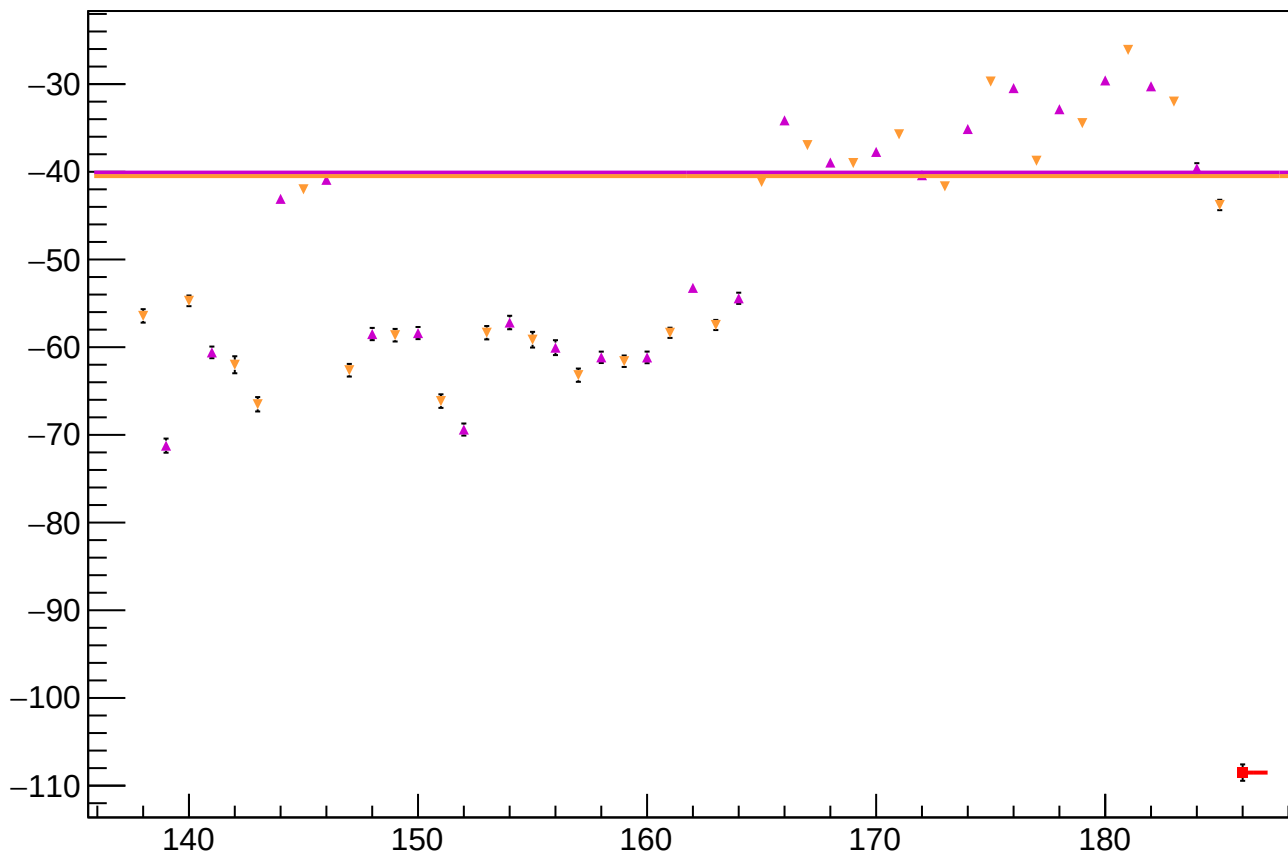
Left In: 6.906 $\pm$ 0.077 χ^2 /NDF:2442.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.950 $\pm$ 0.055 χ^2 /NDF: 5199.3/48

- sign 6.865 $\pm$ 0.077 χ^2 /NDF: 2539.4/23

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 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

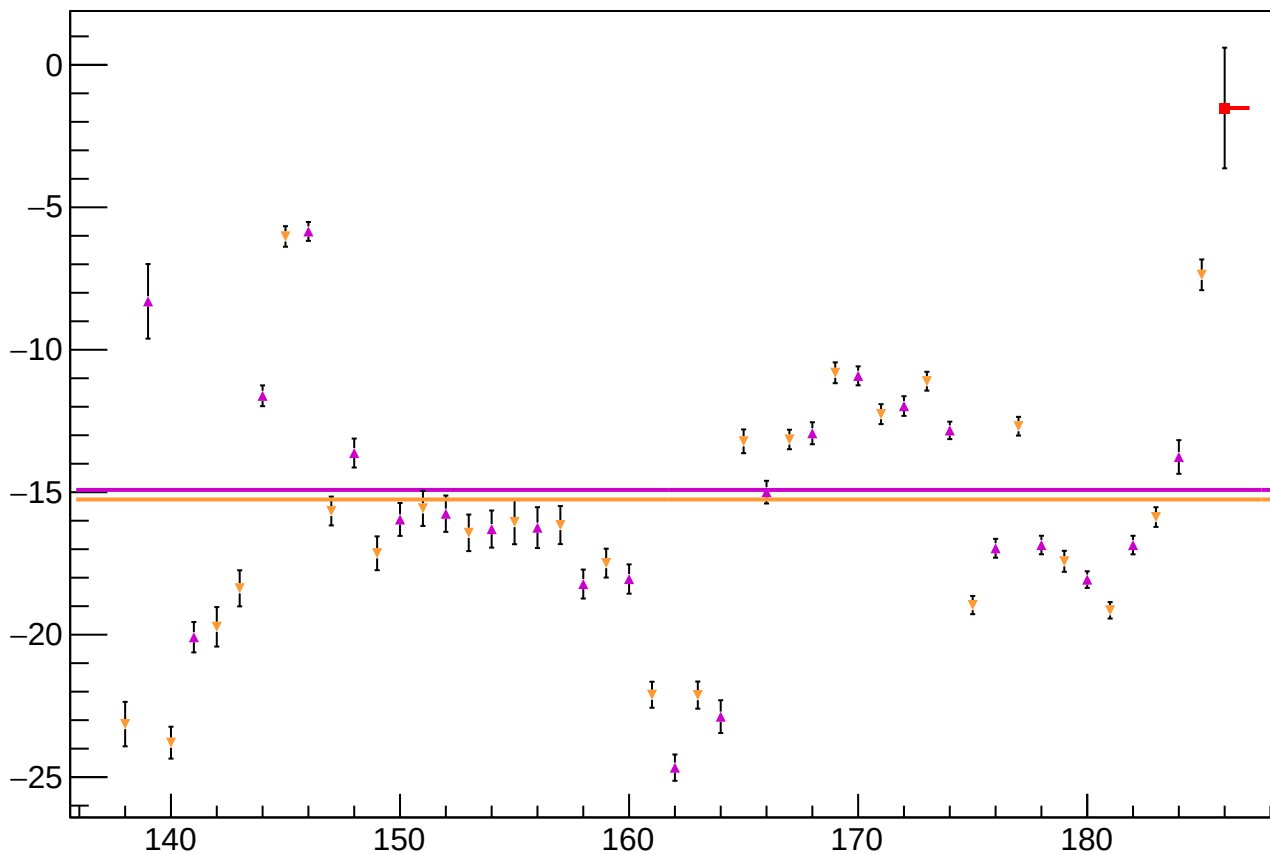
Left In: -40.091+/-0.095 χ^2/NDF :14103.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.643+/-0.067 χ^2/NDF : 34836.1/48

- sign -40.793+/-0.095 χ^2/NDF : 19396.1/23

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.254+/-0.086 χ^2/NDF : 2594.4/24

Right Out: -1.514+/-2.118 χ^2/NDF : 0.0/0

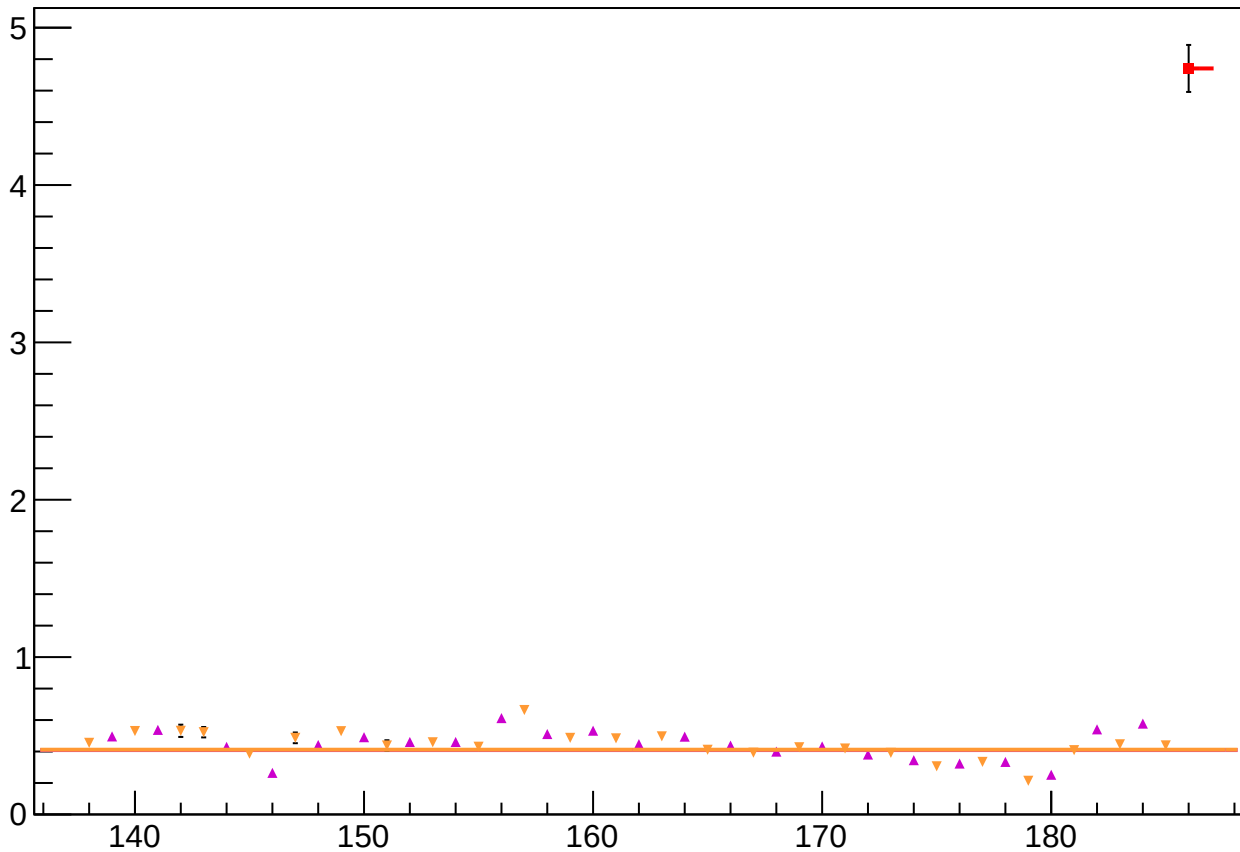
Left In: -14.919+/-0.087 χ^2/NDF : 2207.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.076+/-0.061 χ^2/NDF : 4850.7/48

- sign -14.897+/-0.086 χ^2/NDF : 2247.7/23

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.411 $\pm$ 0.004 χ^2 /NDF:428.8/24

Right Out: 4.741 $\pm$ 0.149 χ^2 /NDF: 0.0/0

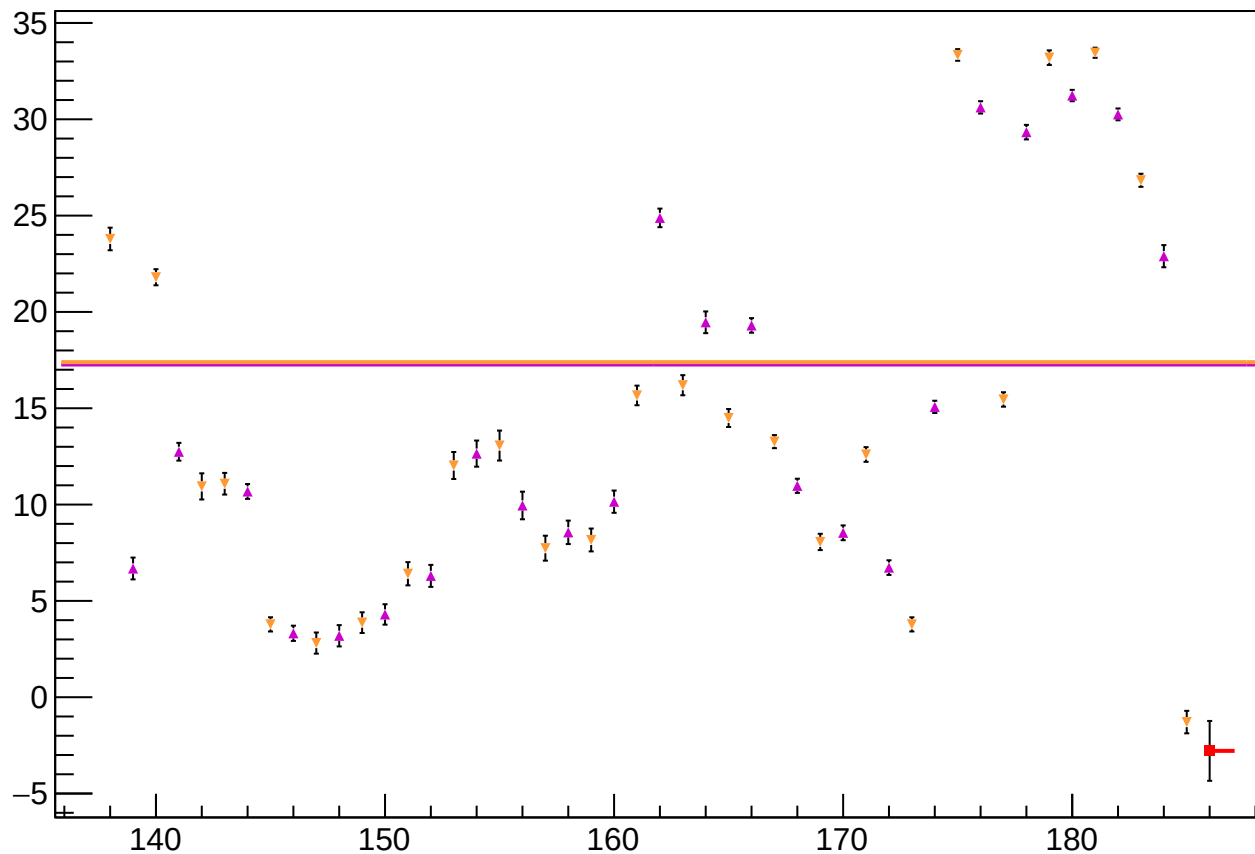
Left In: 0.409 $\pm$ 0.004 χ^2 /NDF:561.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.412 $\pm$ 0.003 χ^2 /NDF: 1831.1/48

- sign 0.412 $\pm$ 0.004 χ^2 /NDF: 1402.3/23

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

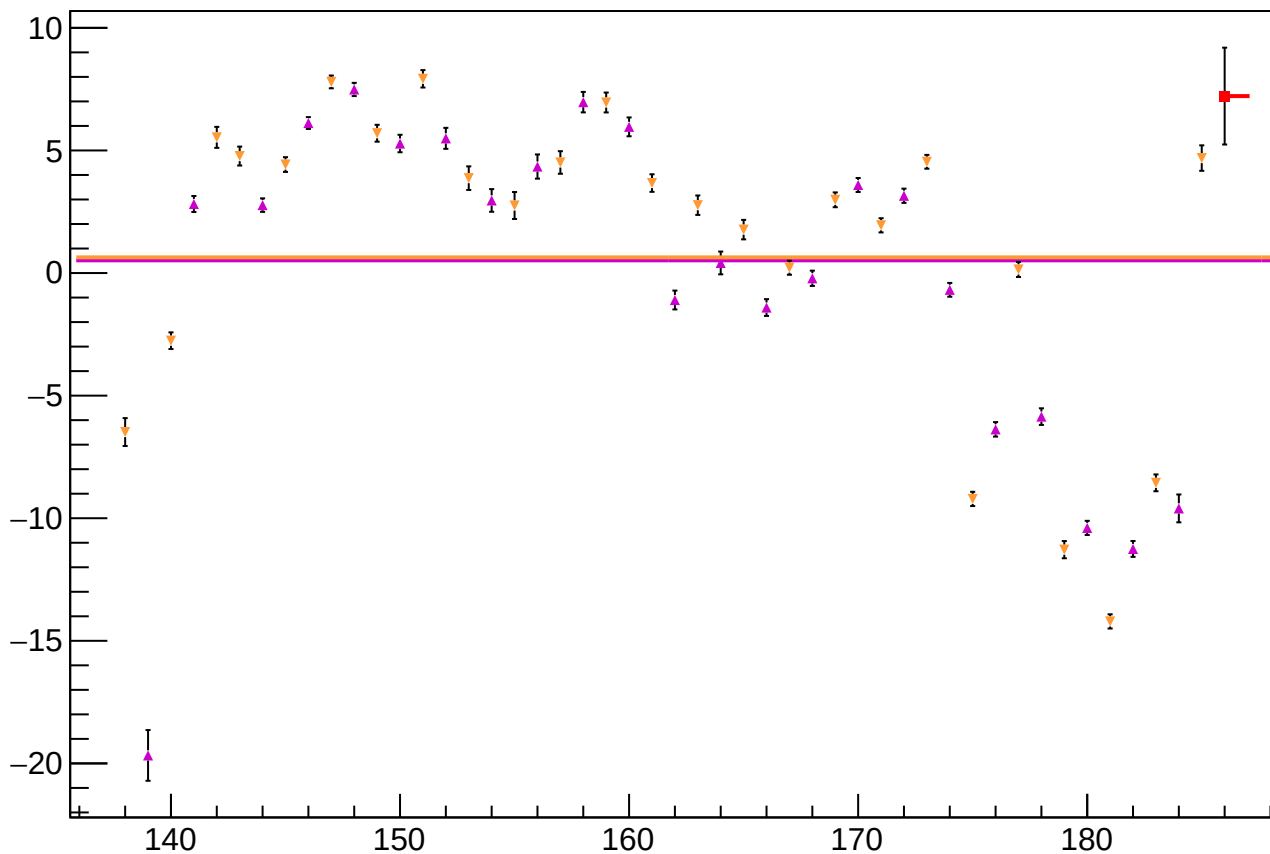
Left In: 17.271 $\pm$ 0.088 χ^2 /NDF:12892.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.301 $\pm$ 0.062 χ^2 /NDF: 29366.3/48

- 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: 0.000 $\pm$ 0.000 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

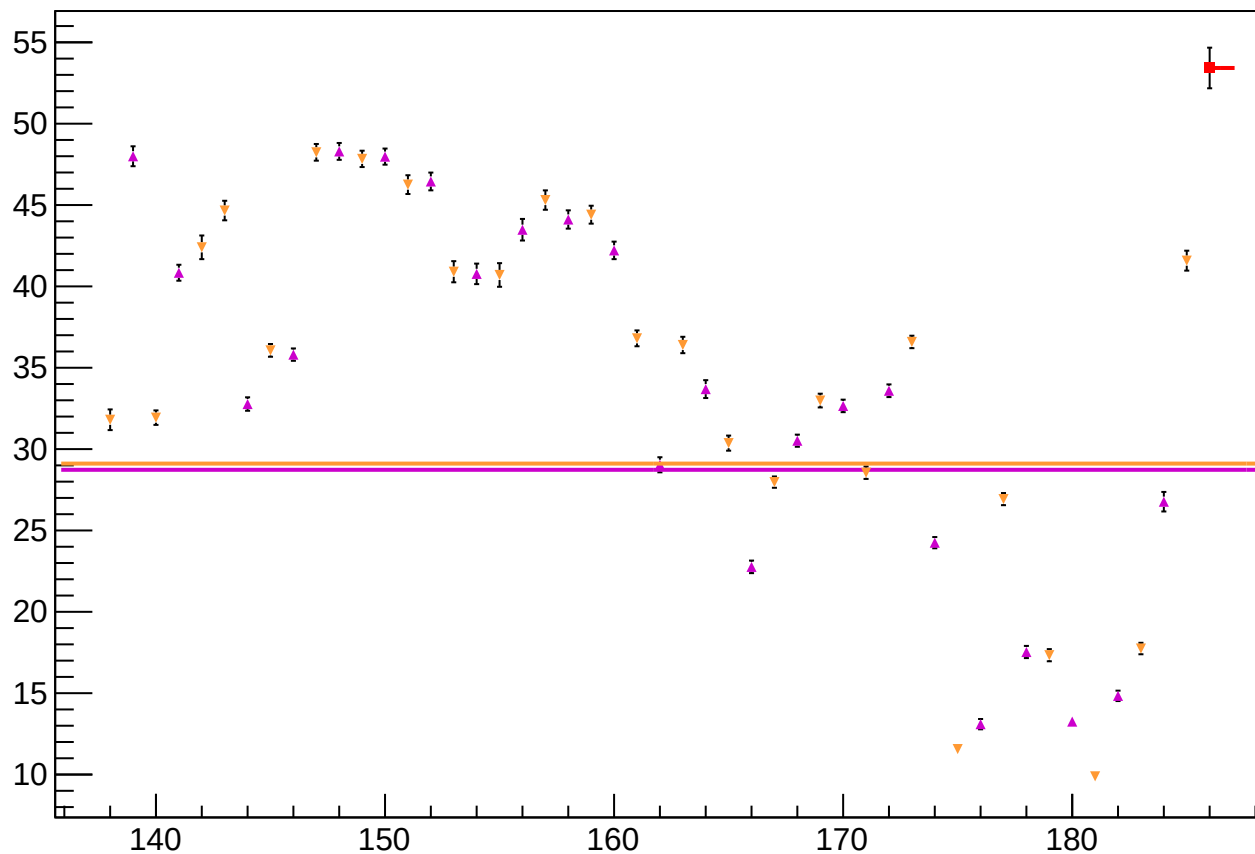
Left In: 0.519 $\pm$ 0.071 χ^2 /NDF:6776.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.584 $\pm$ 0.050 χ^2 /NDF: 15304.4/48

- 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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 29.110 $\pm$ 0.088 χ^2 /NDF:18845.8/24

Right Out: 53.423 $\pm$ 1.248 χ^2 /NDF: 0.0/0

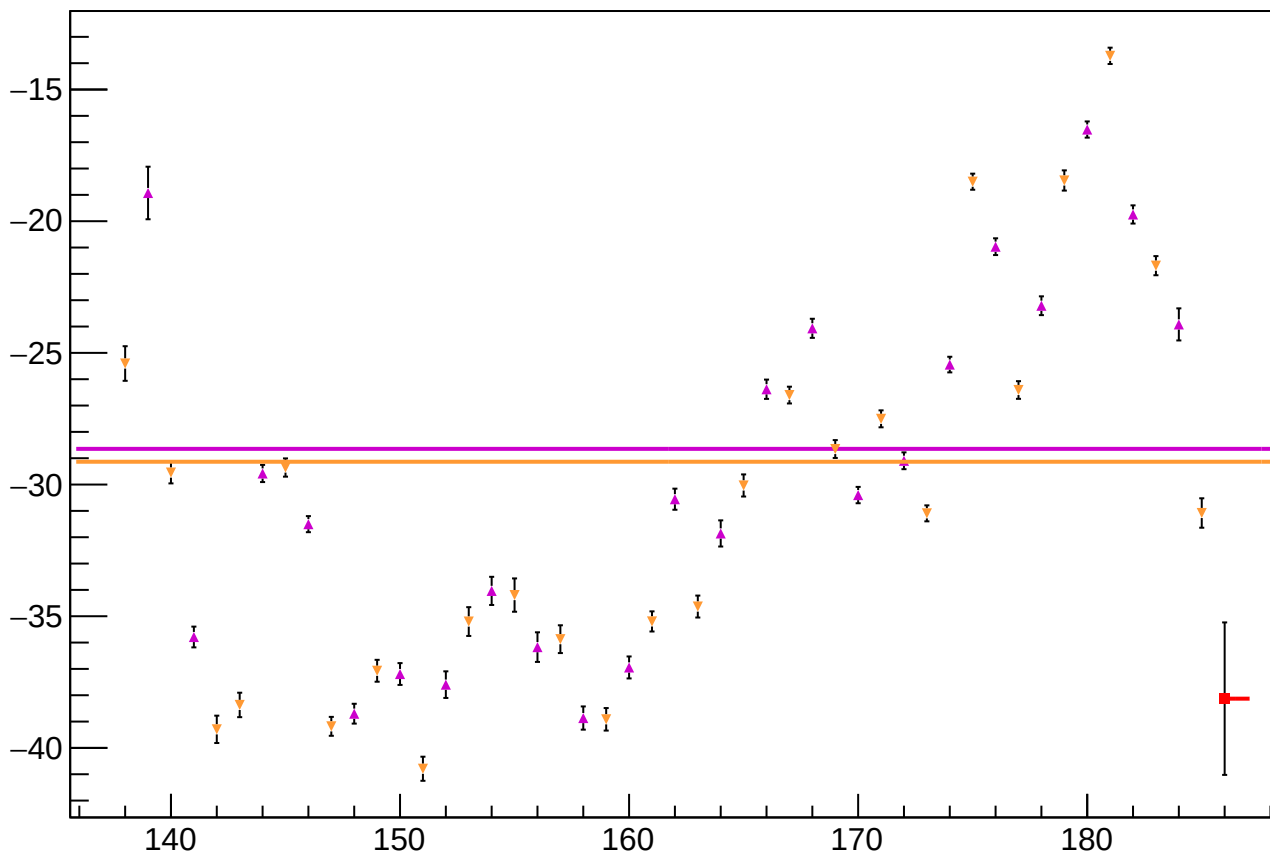
Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.982 $\pm$ 0.062 χ^2 /NDF: 36277.0/48

- sign 28.852 $\pm$ 0.089 χ^2 /NDF: 17426.9/23

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 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

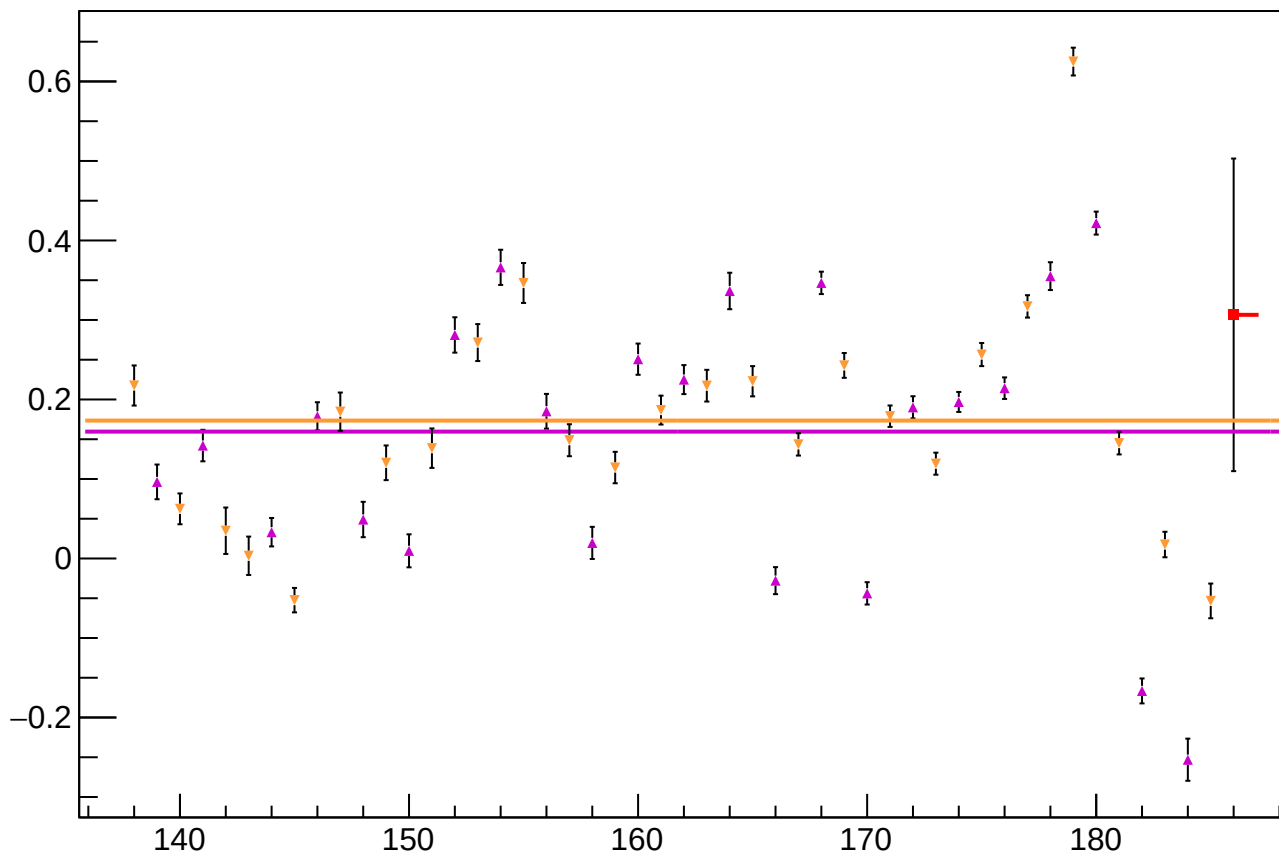
Left In: -28.645+/-0.080 χ^2/NDF : 6693.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.896+/-0.056 χ^2/NDF : 15720.9/48

- sign -28.652+/-0.079 χ^2/NDF : 6704.2/23

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

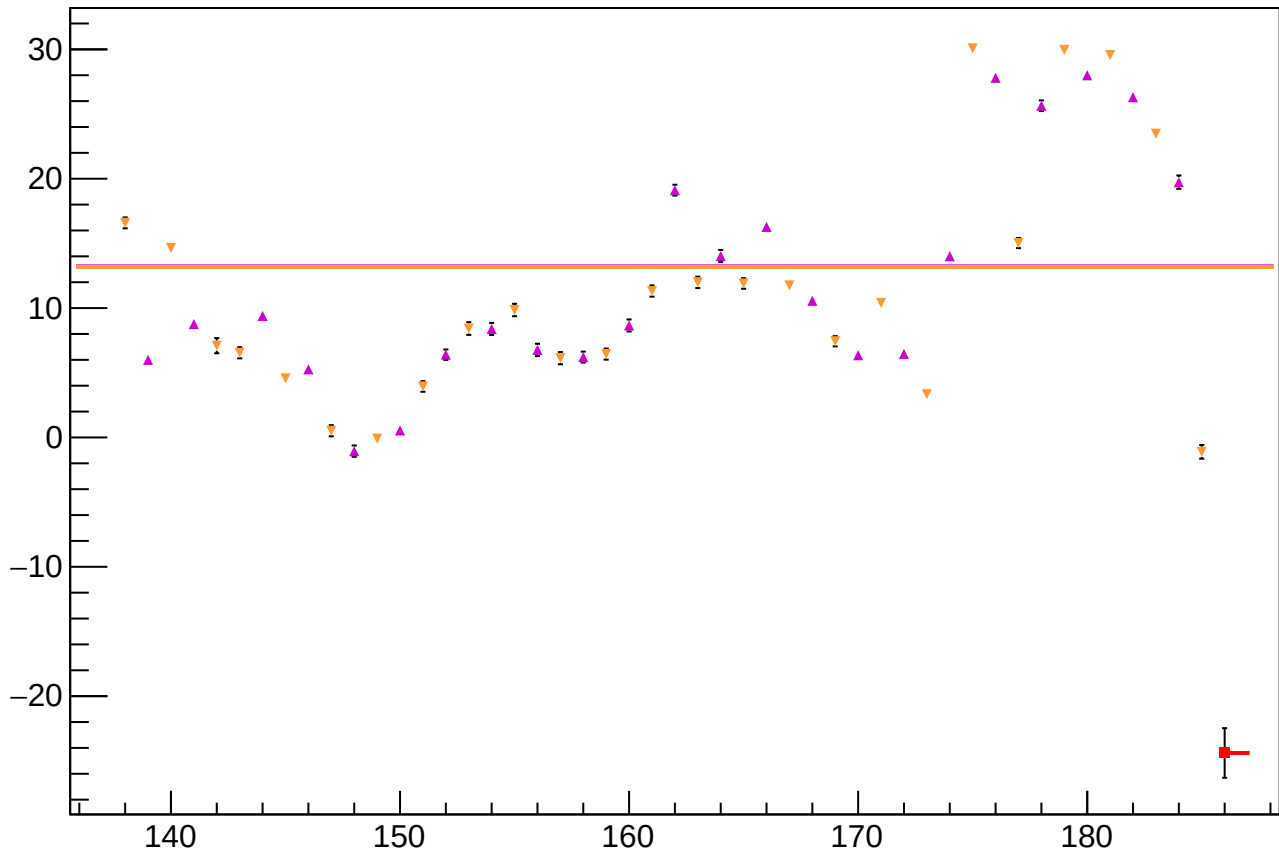
Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.167 $\pm$ 0.003 χ^2 /NDF: 3540.5/48

- 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: 0.000+/-0.000 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

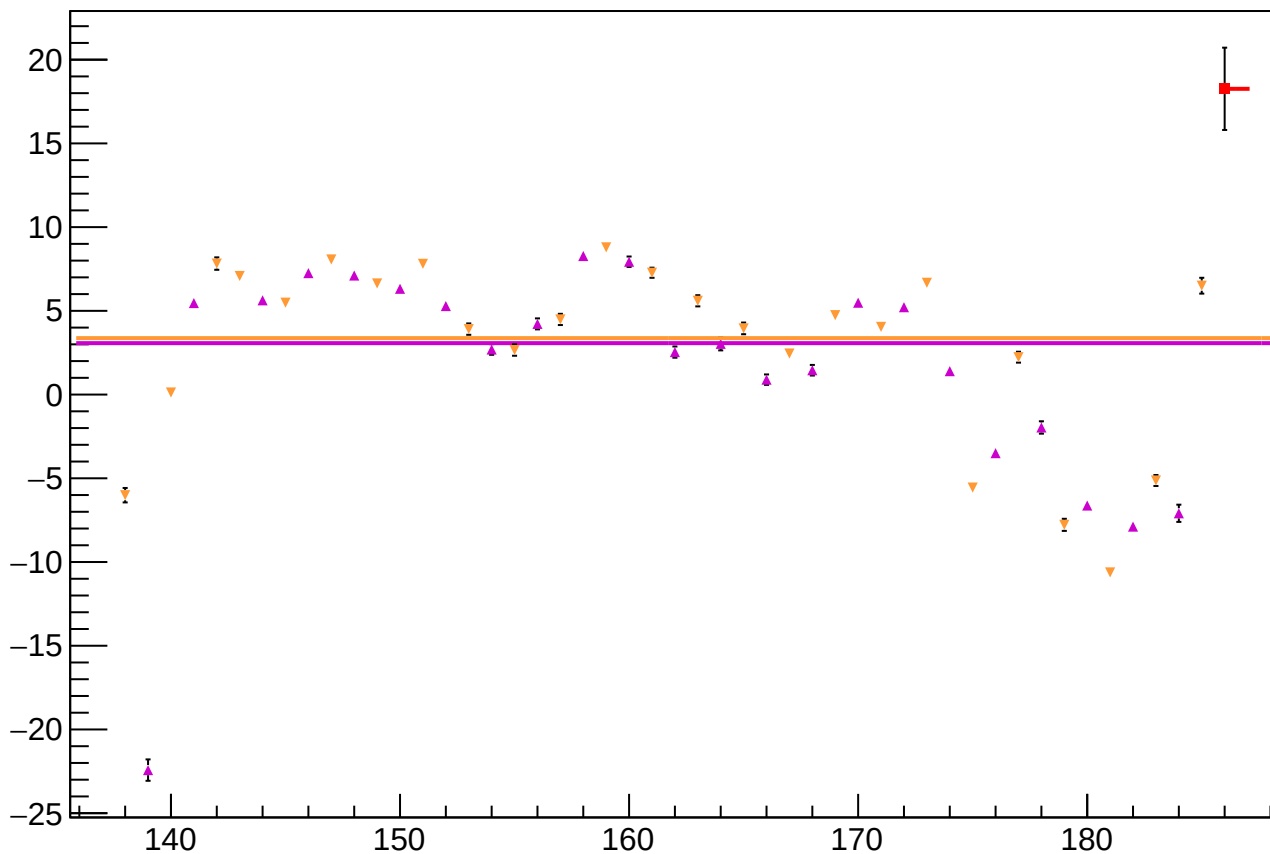
Left In: 13.228+/-0.077 χ^2/NDF : 14126.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.175+/-0.054 χ^2/NDF : 31549.1/48

- sign 13.168+/-0.077 χ^2/NDF : 14509.8/23

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

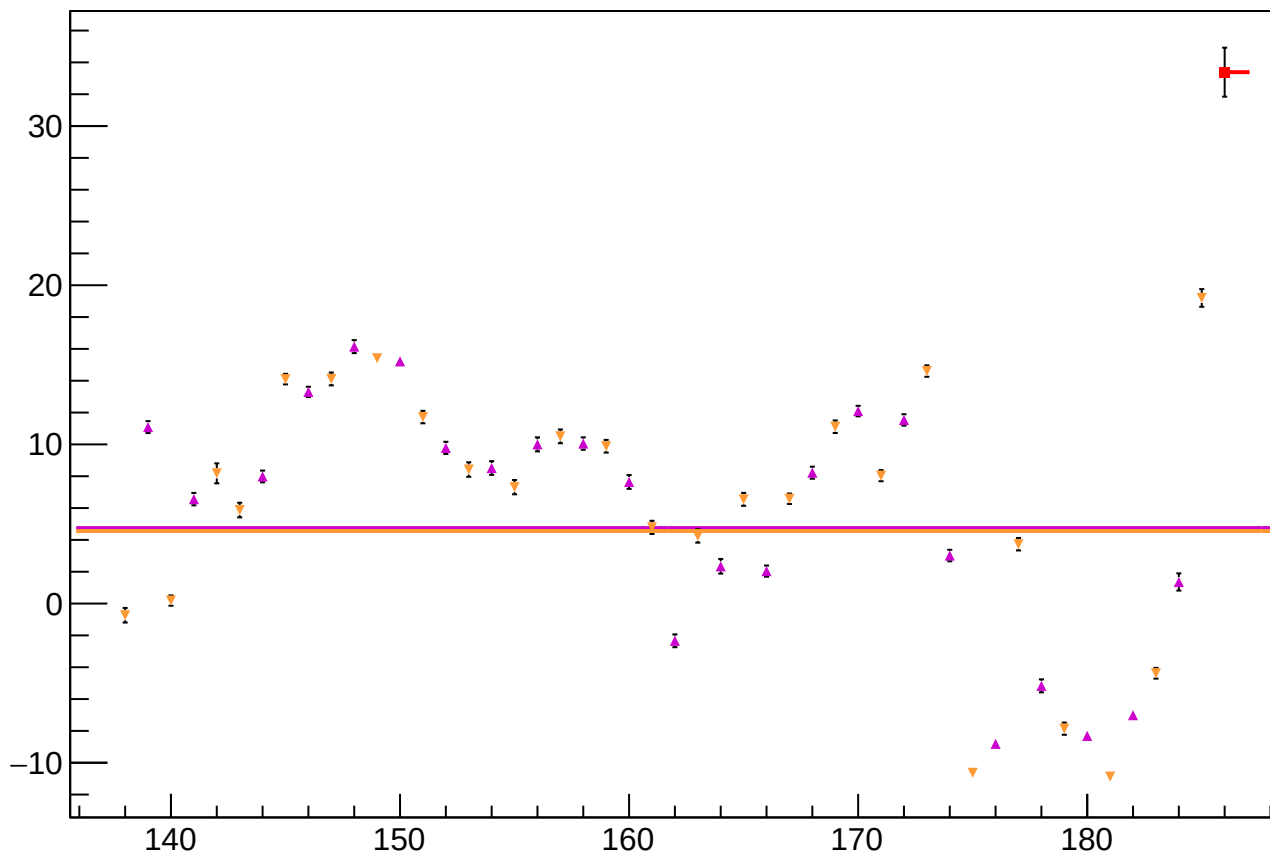
Left In: 3.071 $\pm$ 0.060 χ^2 /NDF:7269.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.231 $\pm$ 0.042 χ^2 /NDF: 15372.9/48

- 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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 4.557 $\pm$ 0.076 χ^2 /NDF:13588.4/24

Right Out: 33.385 $\pm$ 1.540 χ^2 /NDF: 0.0/0

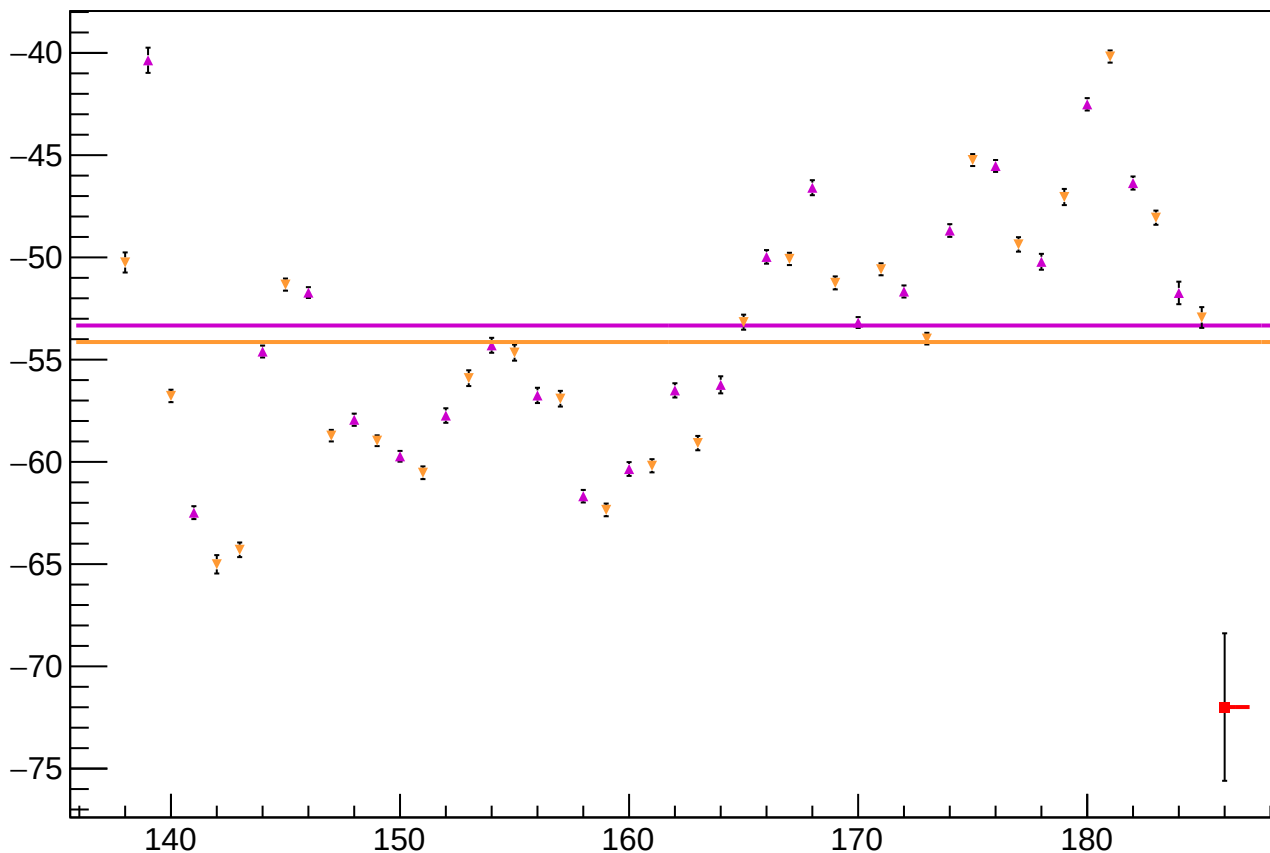
Left In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.683 $\pm$ 0.054 χ^2 /NDF: 25357.3/48

- sign 4.812 $\pm$ 0.076 χ^2 /NDF: 11763.3/23

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -54.139+/-0.067 χ^2/NDF : 8301.1/24

Right Out: -71.990+/-3.606 χ^2/NDF : 0.0/0

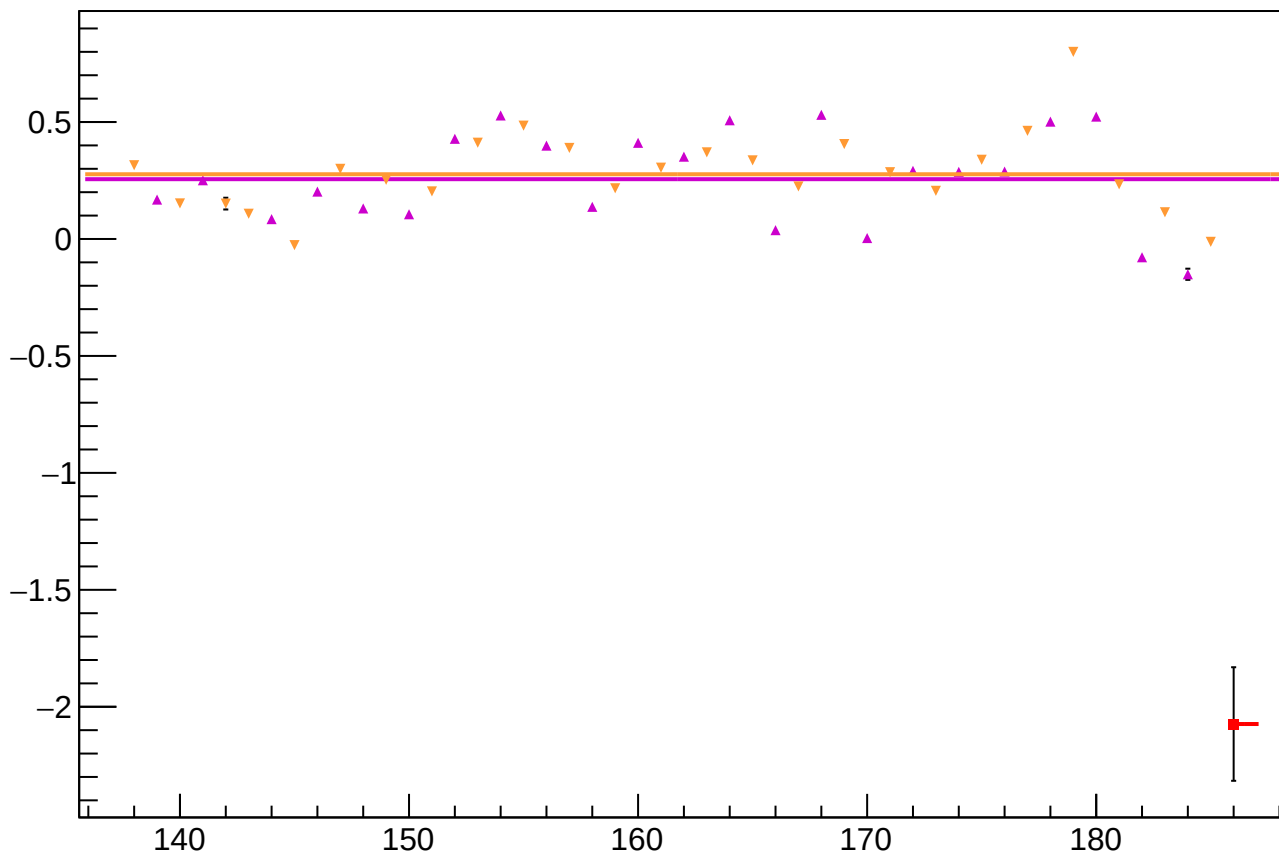
Left In: -53.330+/-0.068 χ^2/NDF : 6940.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.748+/-0.048 χ^2/NDF : 15338.8/48

- sign -53.337+/-0.068 χ^2/NDF : 6966.9/23

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

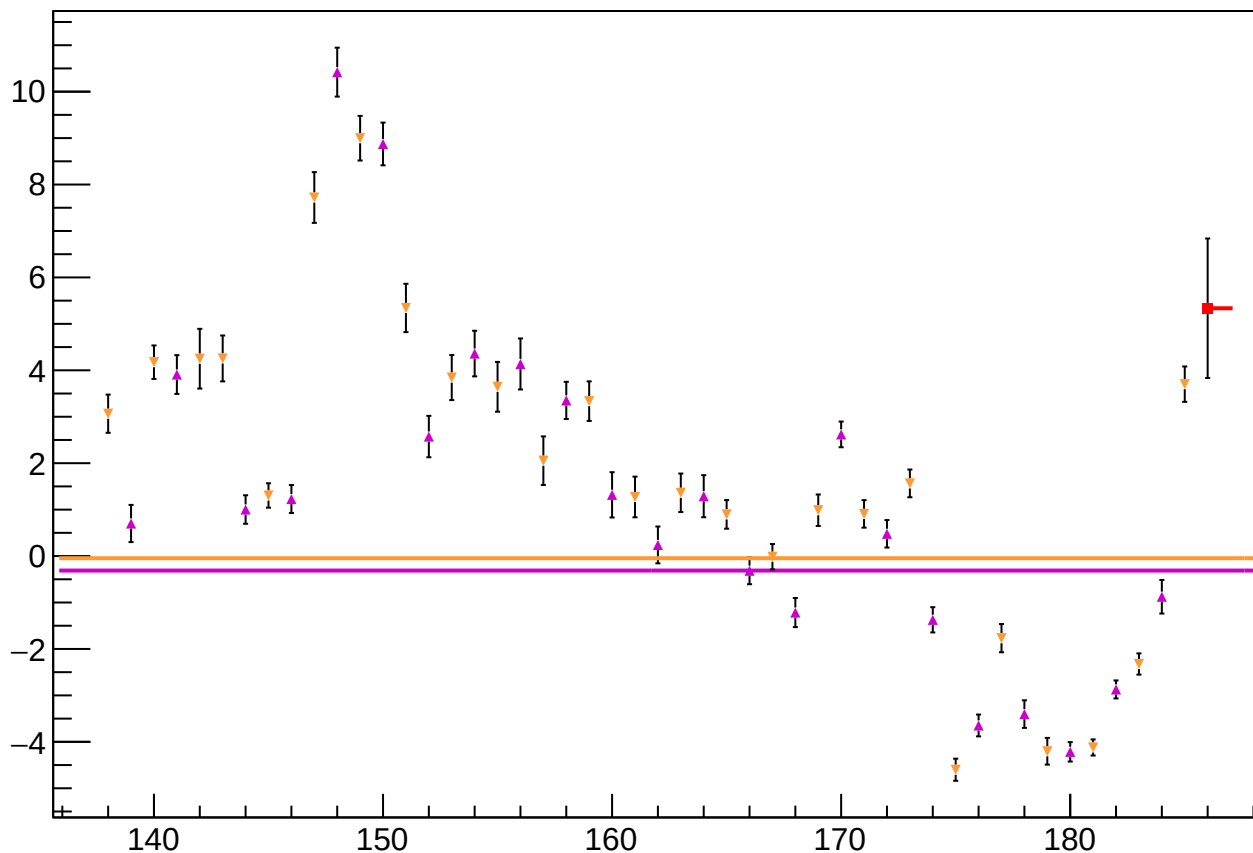
Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.266 $\pm$ 0.002 χ^2 /NDF: 6366.5/48

- sign 0.255 $\pm$ 0.003 χ^2 /NDF: 3736.0/23

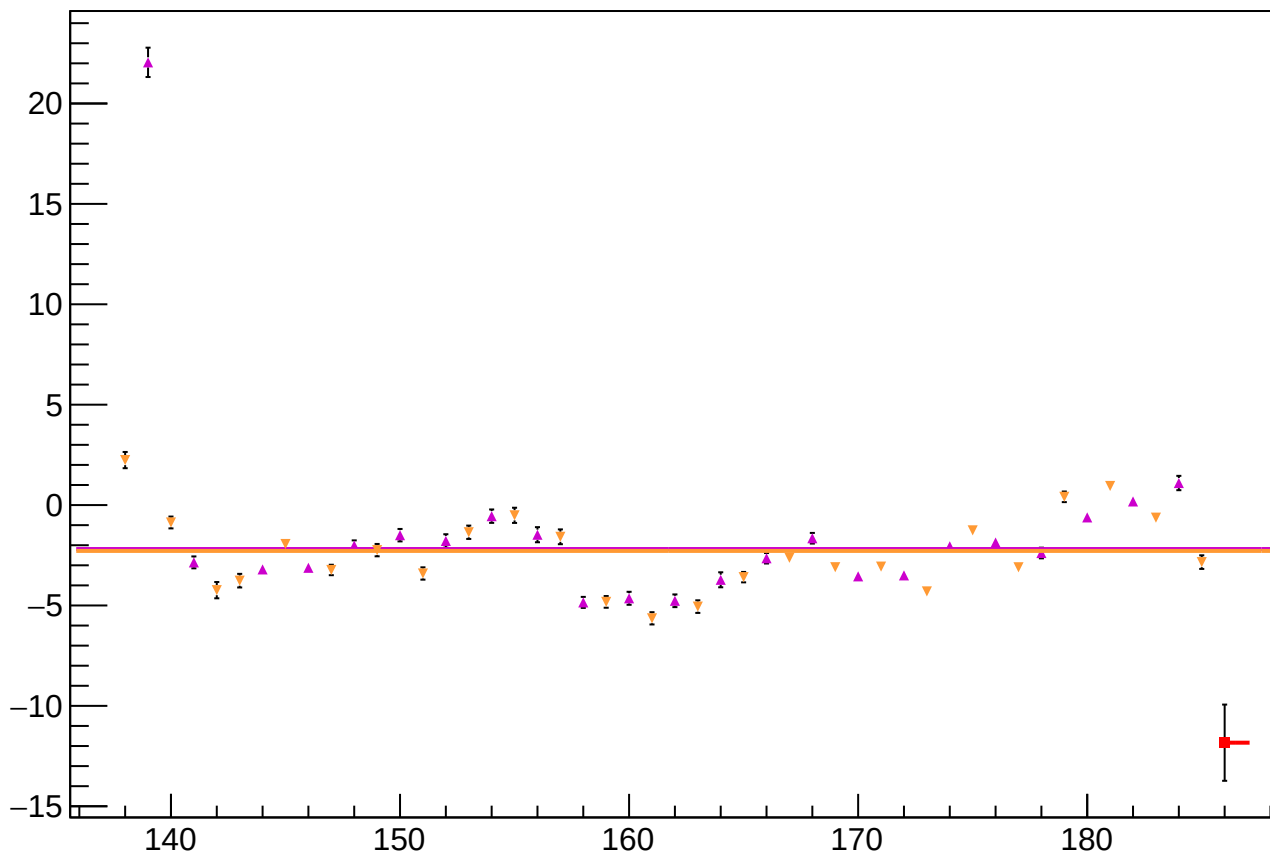
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.046 $\pm$ 0.066 χ^2 /NDF: 2628.9/24
 Right Out: 5.336 $\pm$ 1.502 χ^2 /NDF: 0.0/0
 Left In: -0.312 $\pm$ 0.067 χ^2 /NDF: 2252.6/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.172 $\pm$ 0.047 χ^2 /NDF: 4903.0/48
 - sign -0.301 $\pm$ 0.067 χ^2 /NDF: 2266.7/23

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 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

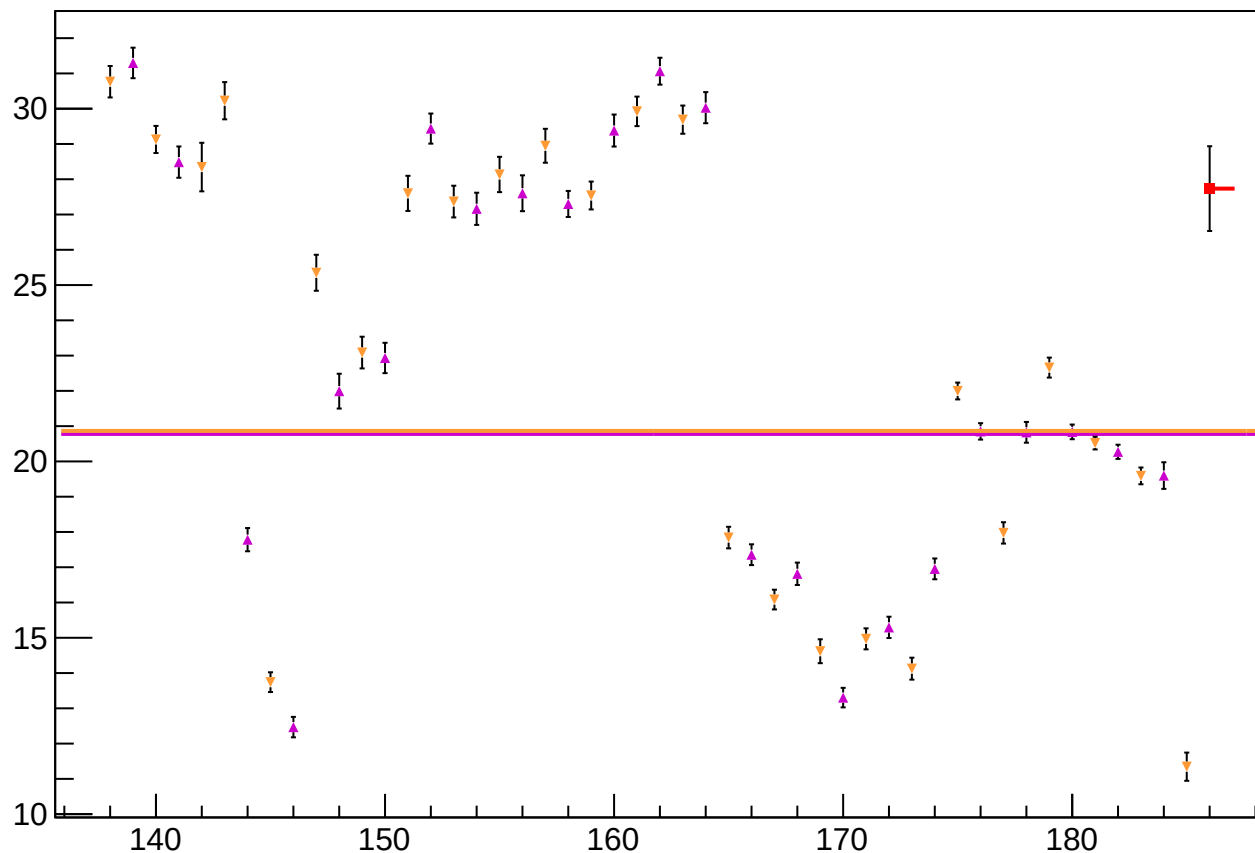
Left In: -2.190+/-0.055 χ^2/NDF : 1785.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.241+/-0.039 χ^2/NDF : 2944.2/48

- sign -2.198+/-0.055 χ^2/NDF : 1810.9/23

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

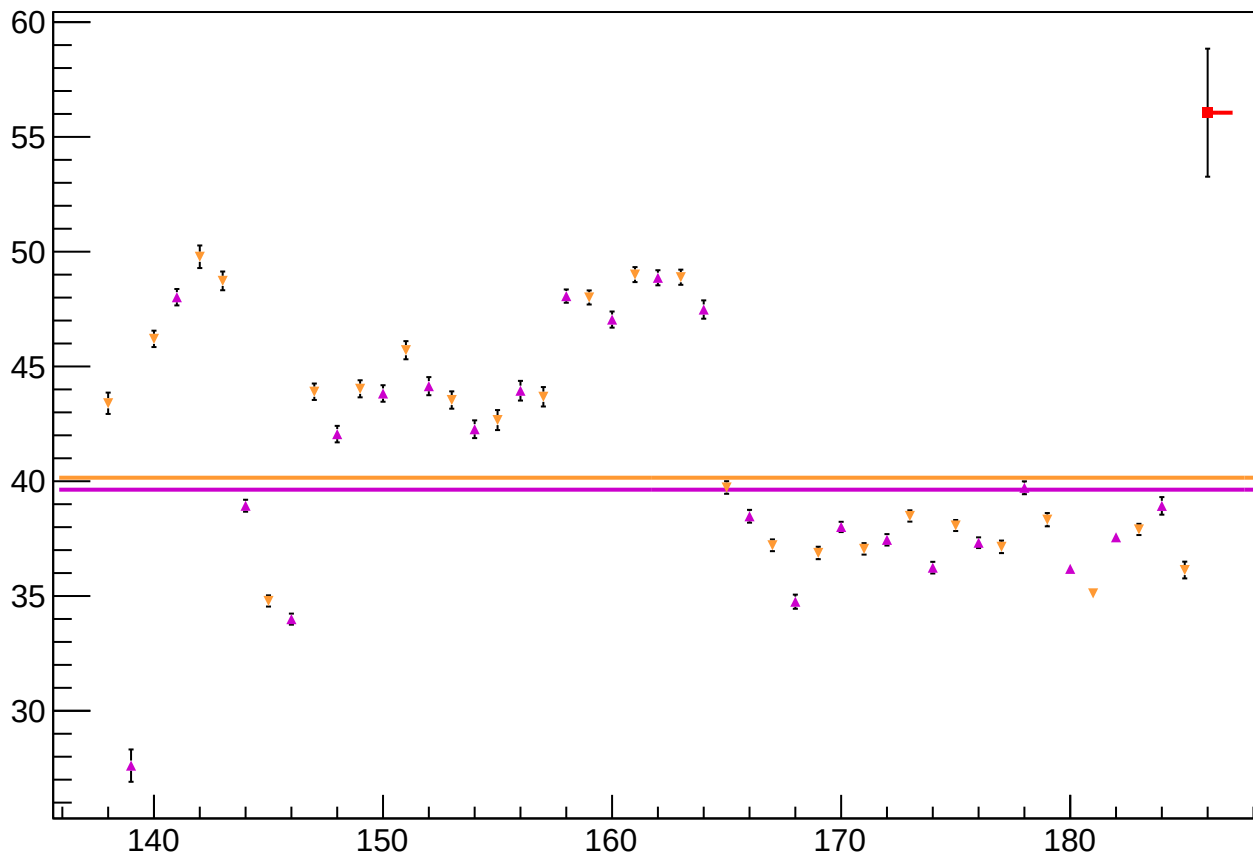
Left In: 20.780 $\pm$ 0.067 χ^2 /NDF:5988.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.833 $\pm$ 0.047 χ^2 /NDF: 12630.2/48

- 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: 0.000 $\pm$ 0.000 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

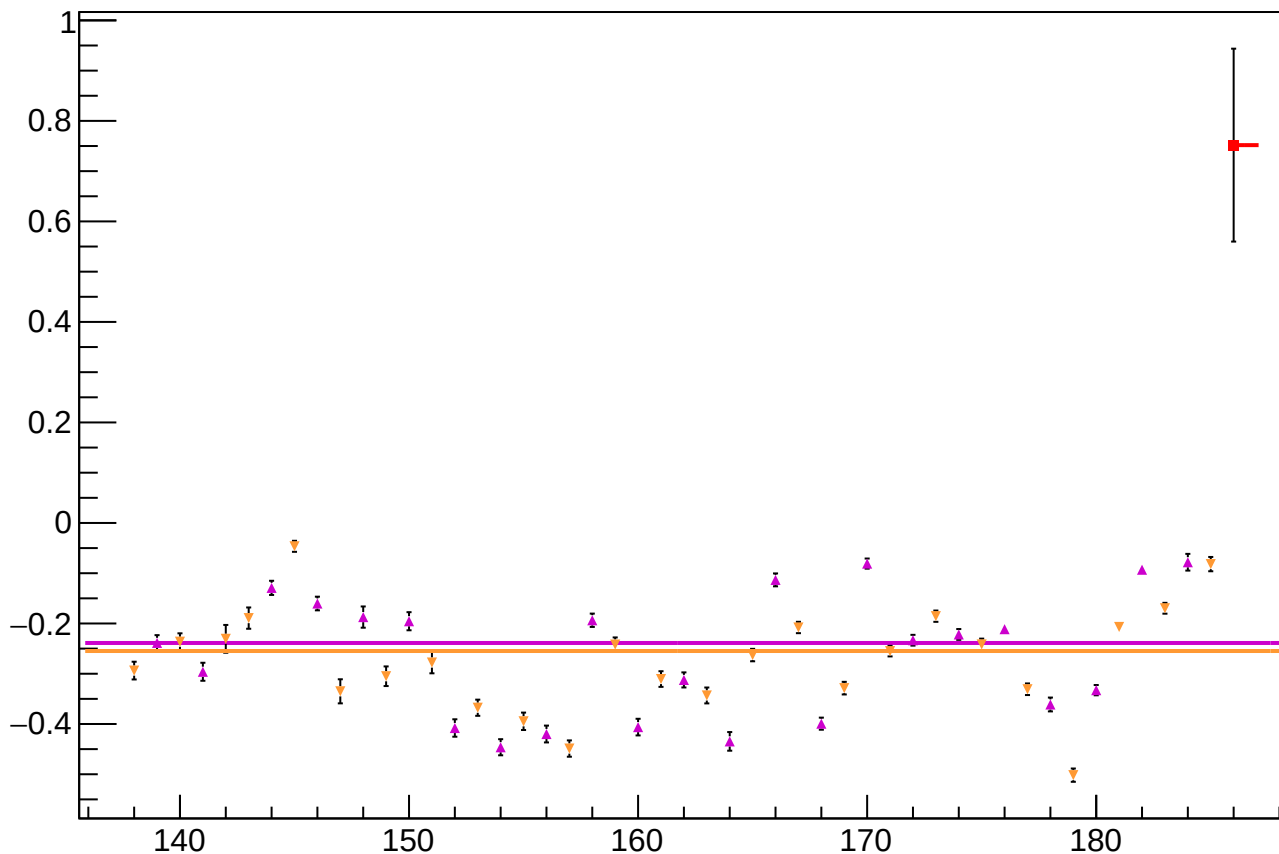
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.900 $\pm$ 0.043 χ^2 /NDF: 11275.2/48

- sign 39.640 $\pm$ 0.061 χ^2 /NDF: 5378.0/23

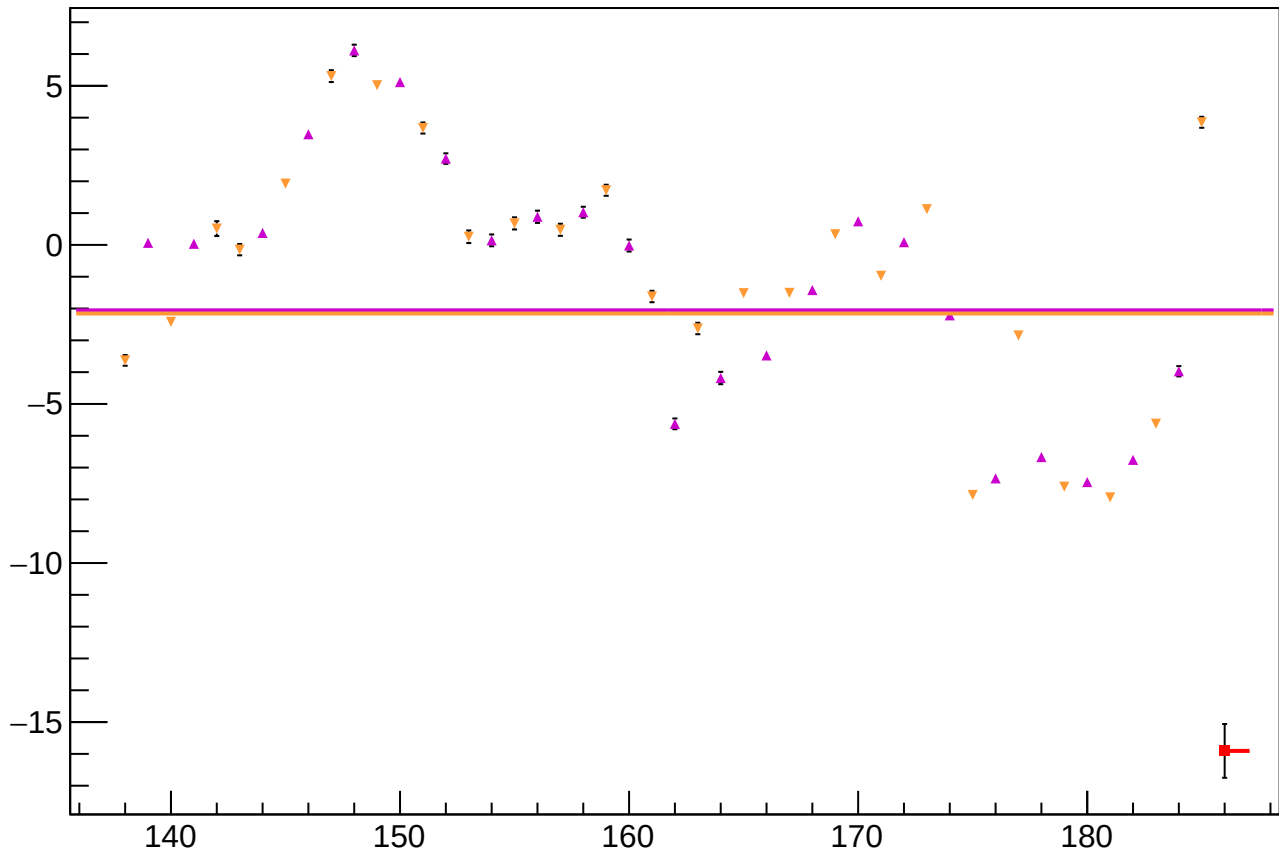
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 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 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.247+/-0.002 χ^2/NDF : 3211.5/48
 - sign -0.239+/-0.003 χ^2/NDF : 1776.7/23

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 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

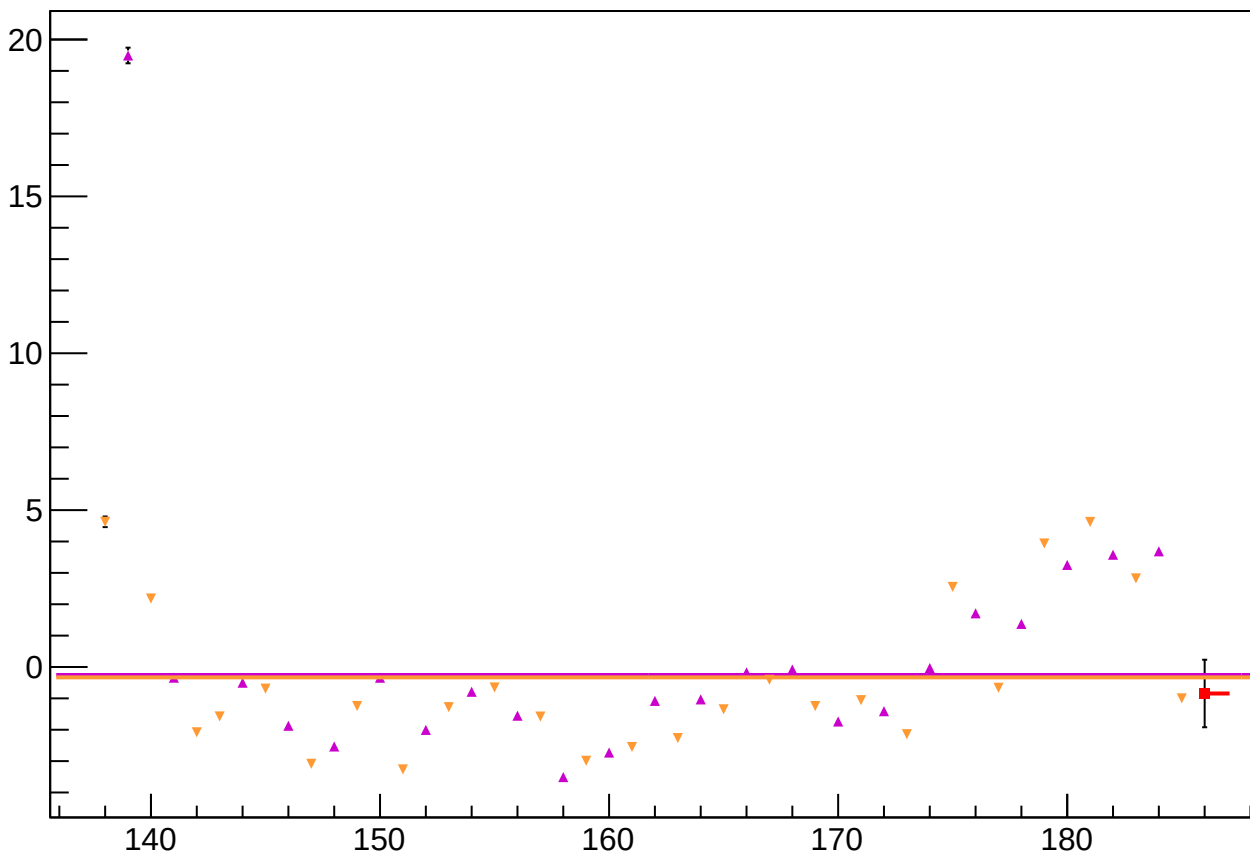
Left In: -2.058+/-0.026 χ^2/NDF : 23343.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.114+/-0.018 χ^2/NDF : 48118.6/48

- sign -2.071+/-0.026 χ^2/NDF : 23611.8/23

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 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

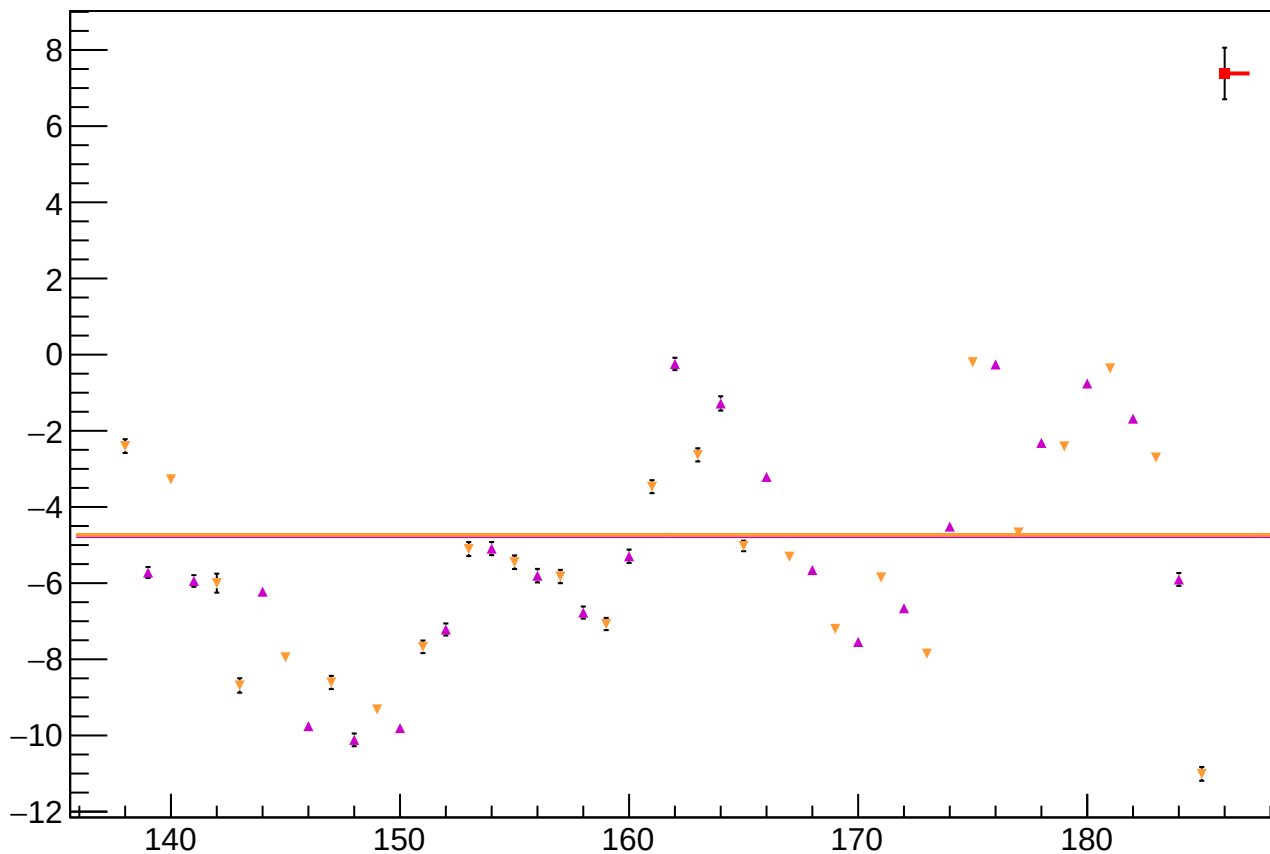
Left In: -0.255+/-0.021 χ^2/NDF :14162.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.293+/-0.015 χ^2/NDF : 26721.3/48

- sign -0.255+/-0.021 χ^2/NDF : 14162.3/23

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -4.734 $\pm$ 0.026 χ^2 /NDF:13188.7/24

Right Out: 7.383 $\pm$ 0.677 χ^2 /NDF: 0.0/0

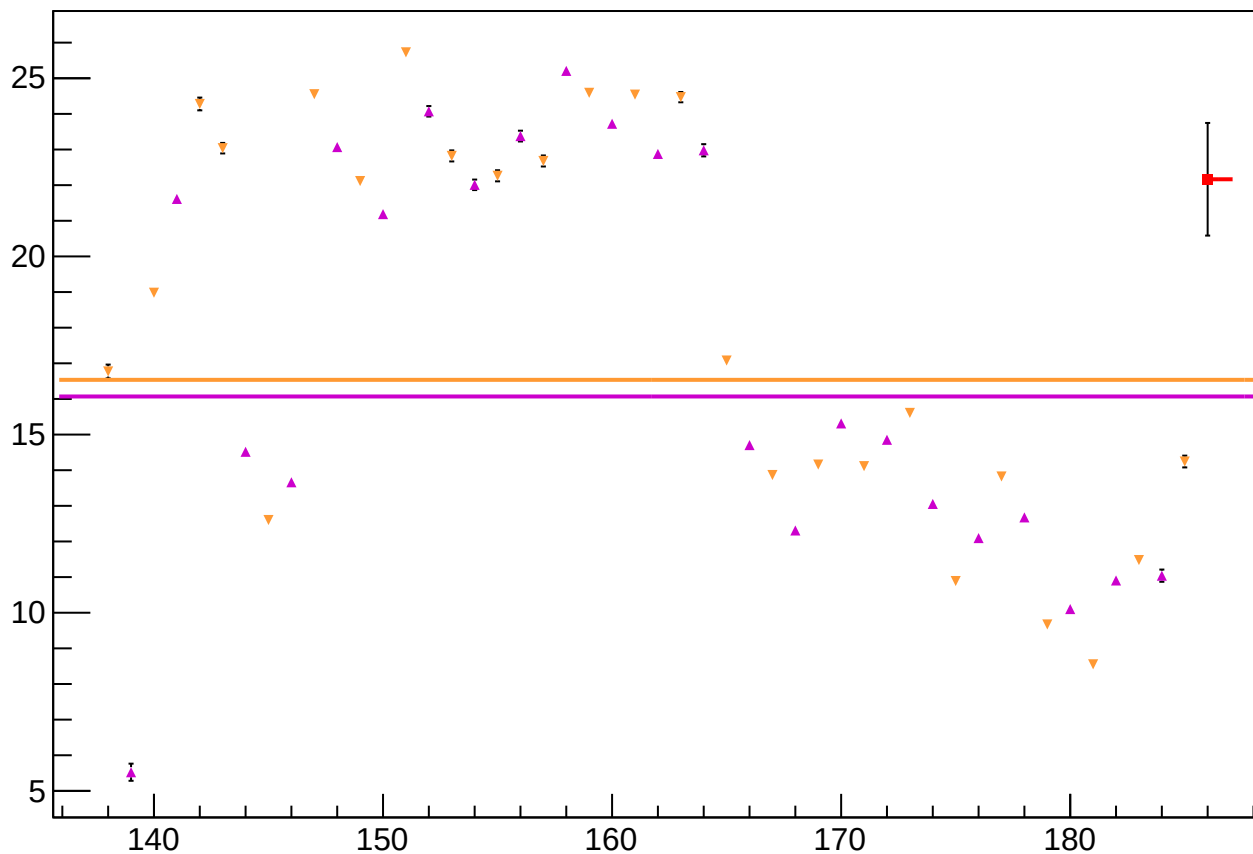
Left In: -4.764 $\pm$ 0.026 χ^2 /NDF:14163.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.740 $\pm$ 0.018 χ^2 /NDF: 27673.2/48

- sign -4.747 $\pm$ 0.026 χ^2 /NDF: 14484.4/23

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

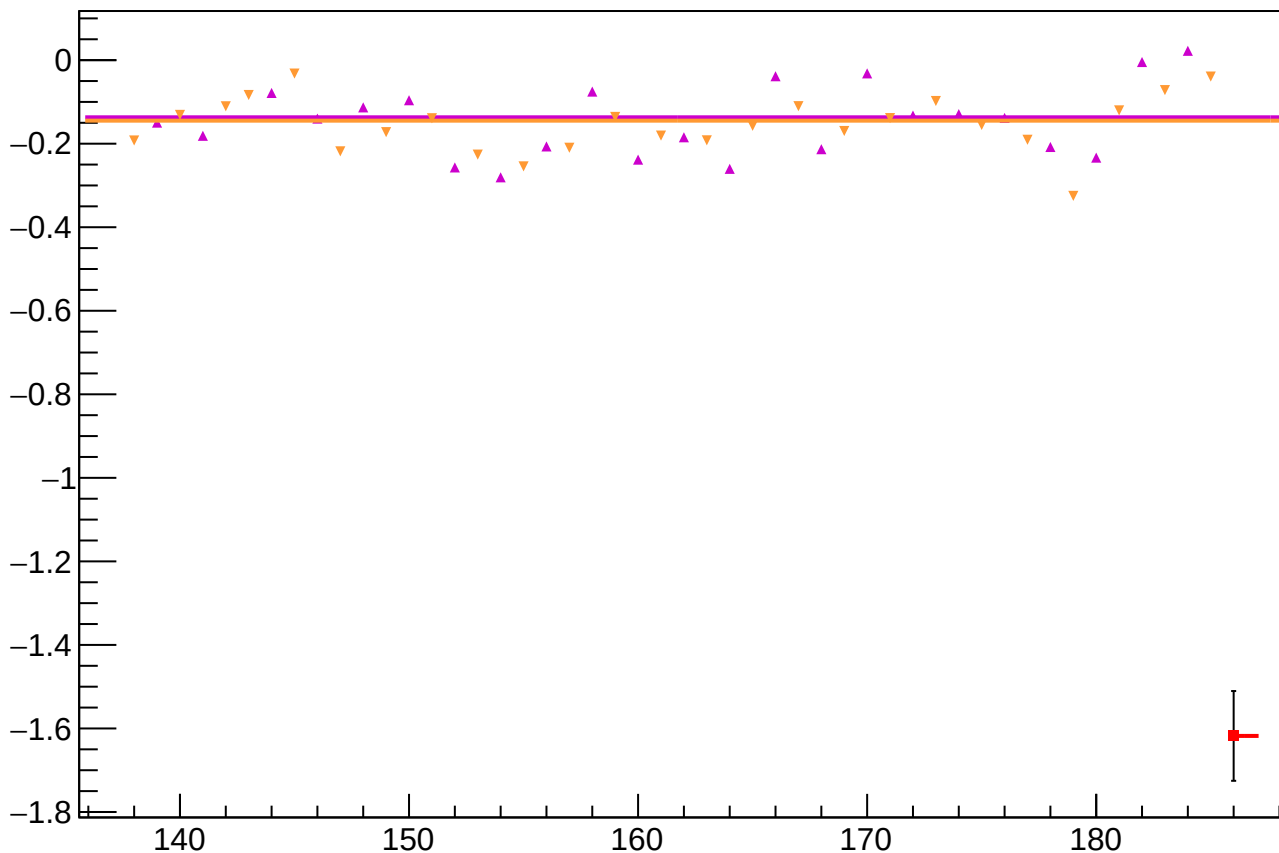
Left In: 16.069 $\pm$ 0.023 χ^2 /NDF:42736.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.306 $\pm$ 0.016 χ^2 /NDF: 96497.3/48

- 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: 0.000 $\pm$ 0.000 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

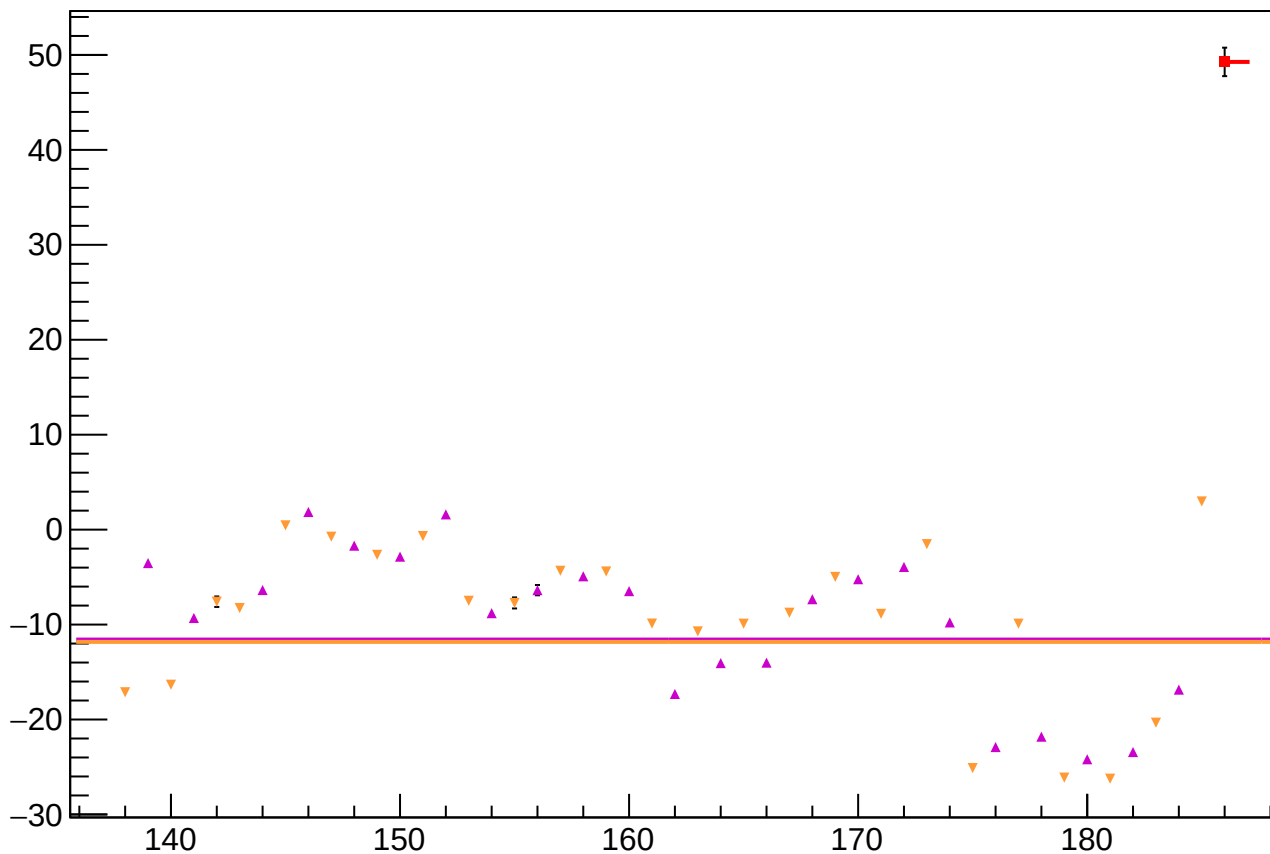
Left In: -0.137 $\pm$ 0.001 χ^2 /NDF: 5383.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

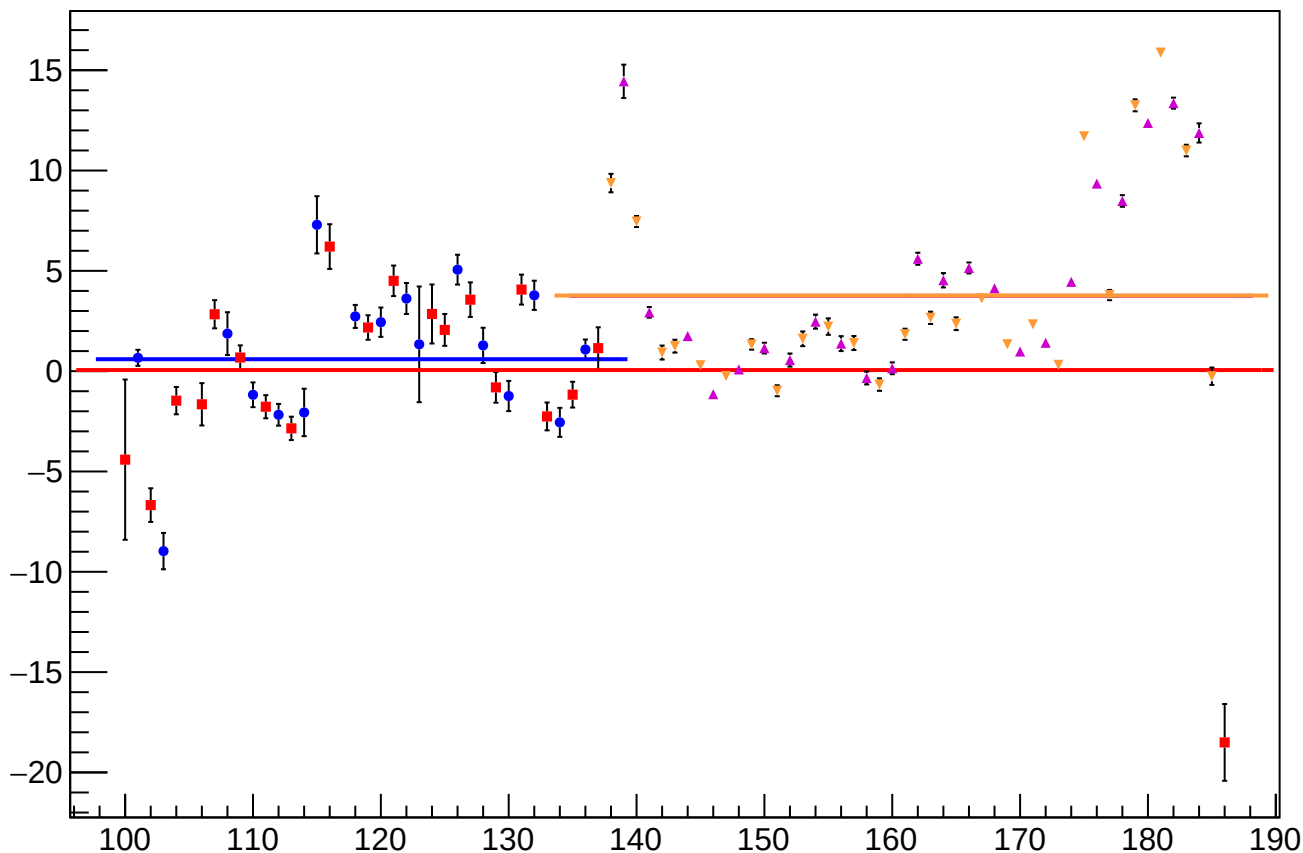
All: -0.141 $\pm$ 0.001 χ^2 /NDF: 9356.1/48

- sign -0.137 $\pm$ 0.001 χ^2 /NDF: 5573.4/23

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 3.770 ± 0.056 χ^2/NDF : 7420.4/24

Right Out: 0.055 ± 0.174 χ^2/NDF : 368.3/19

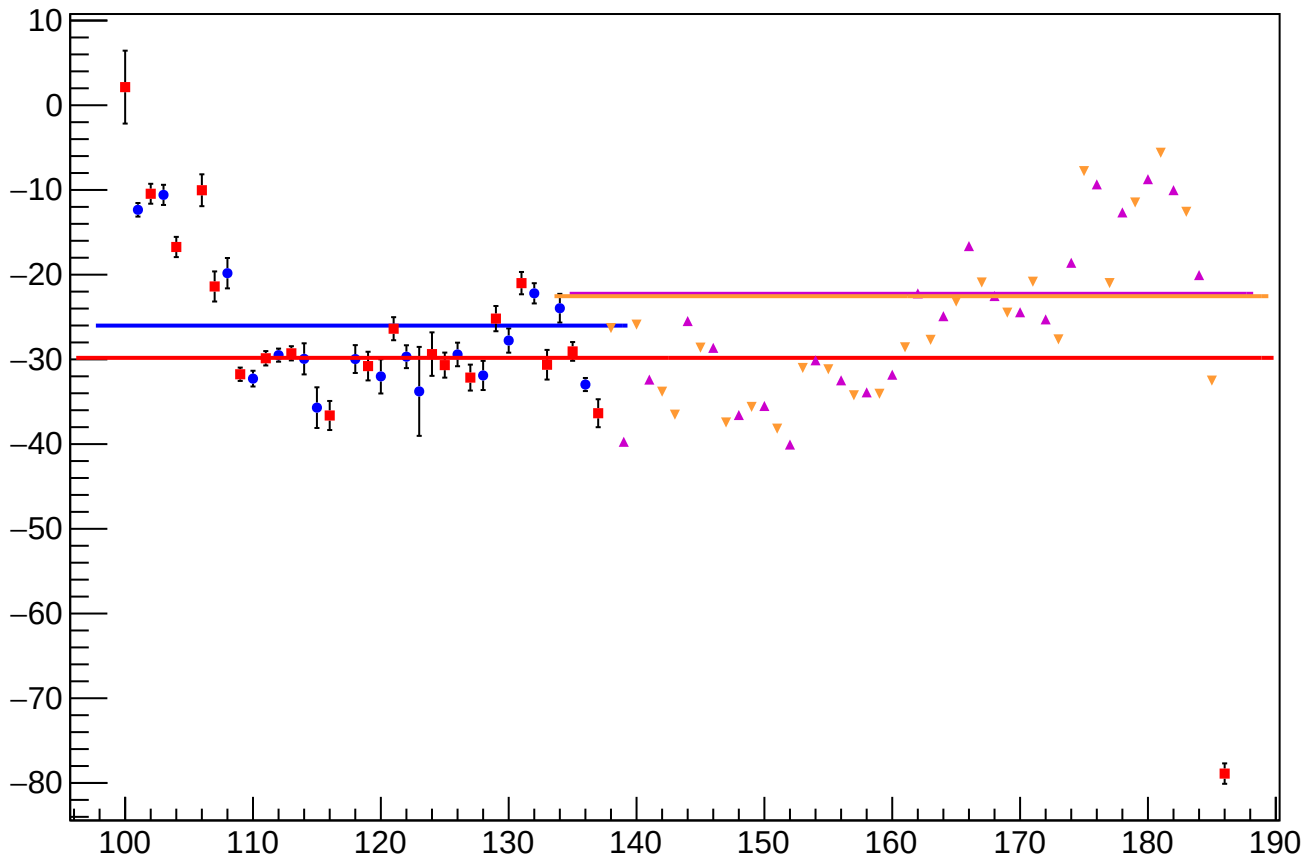
Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

+ sign 3.460 ± 0.053 χ^2/NDF : 8029.9/41

All: 3.432 ± 0.038 χ^2/NDF : 14463.5/84

- sign 3.403 ± 0.054 χ^2/NDF : 6433.0/42

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -22.540 ± 0.071 χ^2/NDF : 19751.6/24

Right Out: -29.819 ± 0.289 χ^2/NDF : 2340.6/19

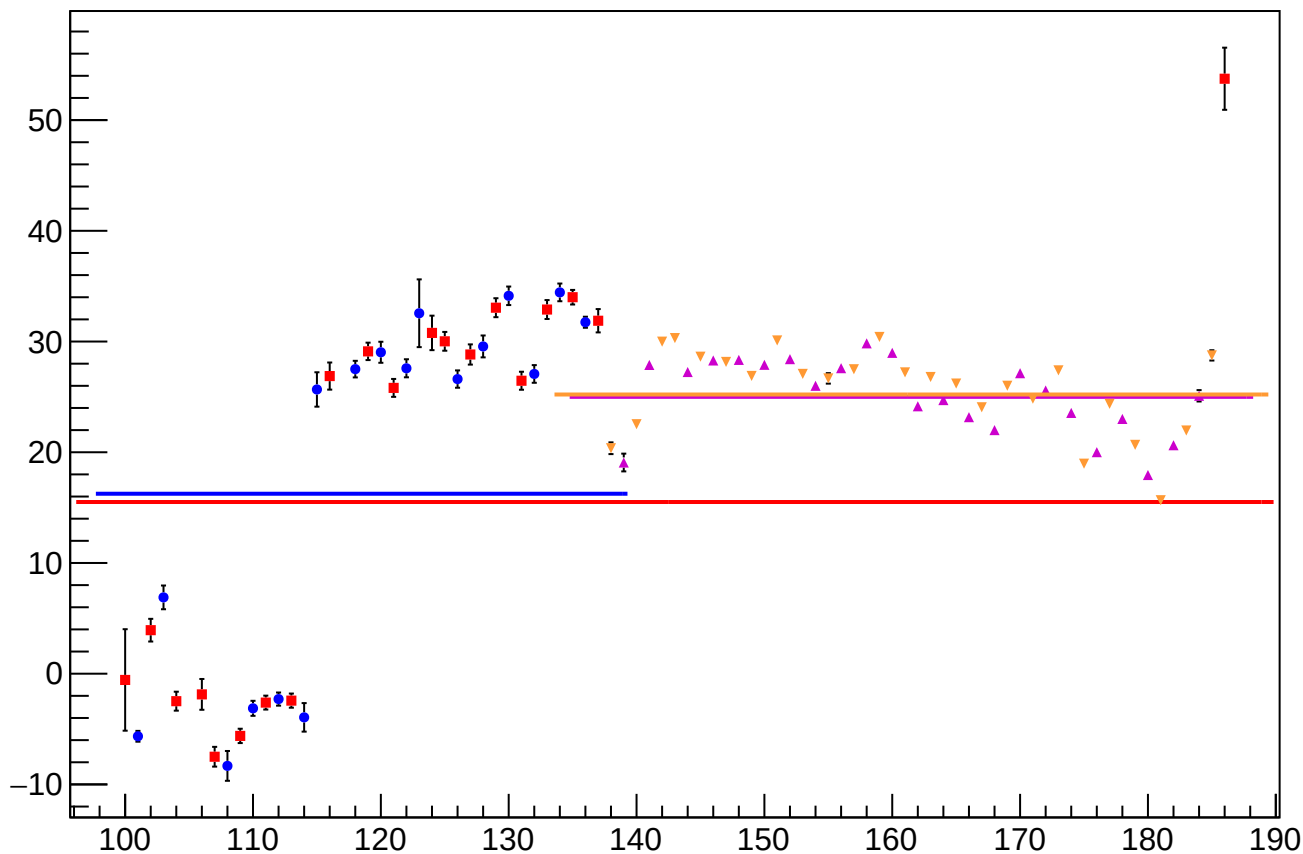
Left In: -22.258 ± 0.071 χ^2/NDF : 17838.4/22

+ sign -22.723 ± 0.069 χ^2/NDF : 20571.8/41

All: -22.708 ± 0.049 χ^2/NDF : 41396.7/84

- sign -22.693 ± 0.069 χ^2/NDF : 20824.8/42

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253 ± 0.191 $\chi^2/\text{NDF}: 7611.3/16$

Left Out: 25.216 ± 0.063 $\chi^2/\text{NDF}: 3738.3/24$

Right Out: 15.506 ± 0.197 $\chi^2/\text{NDF}: 7466.6/19$

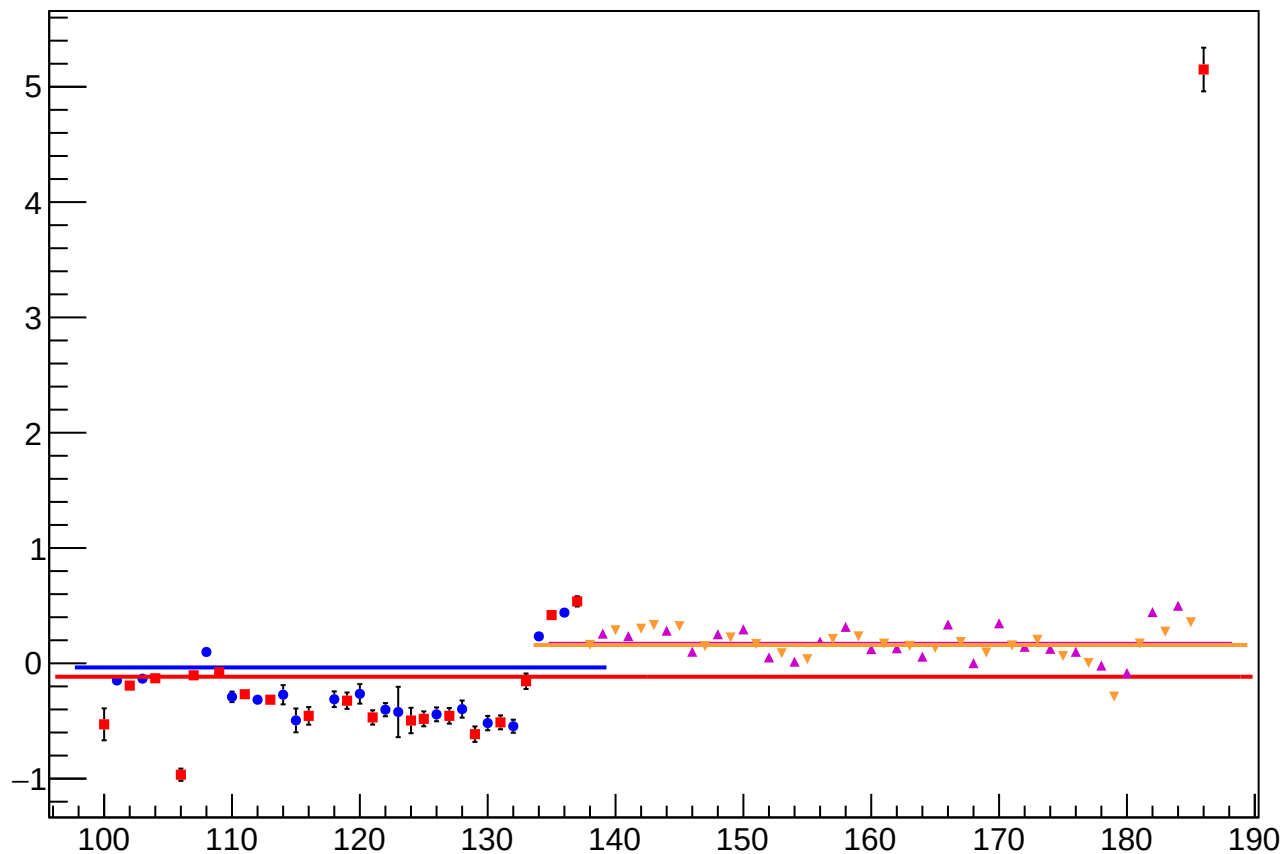
Left In: 25.005 ± 0.064 $\chi^2/\text{NDF}: 2733.7/22$

+ sign 24.343 ± 0.060 $\chi^2/\text{NDF}: 13336.6/41$

All: 24.226 ± 0.042 $\chi^2/\text{NDF}: 25659.7/84$

- sign 24.104 ± 0.061 $\chi^2/\text{NDF}: 12315.2/42$

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.159 ± 0.003 χ^2/NDF : 1856.8/24

Right Out: -0.116 ± 0.010 χ^2/NDF : 1946.6/19

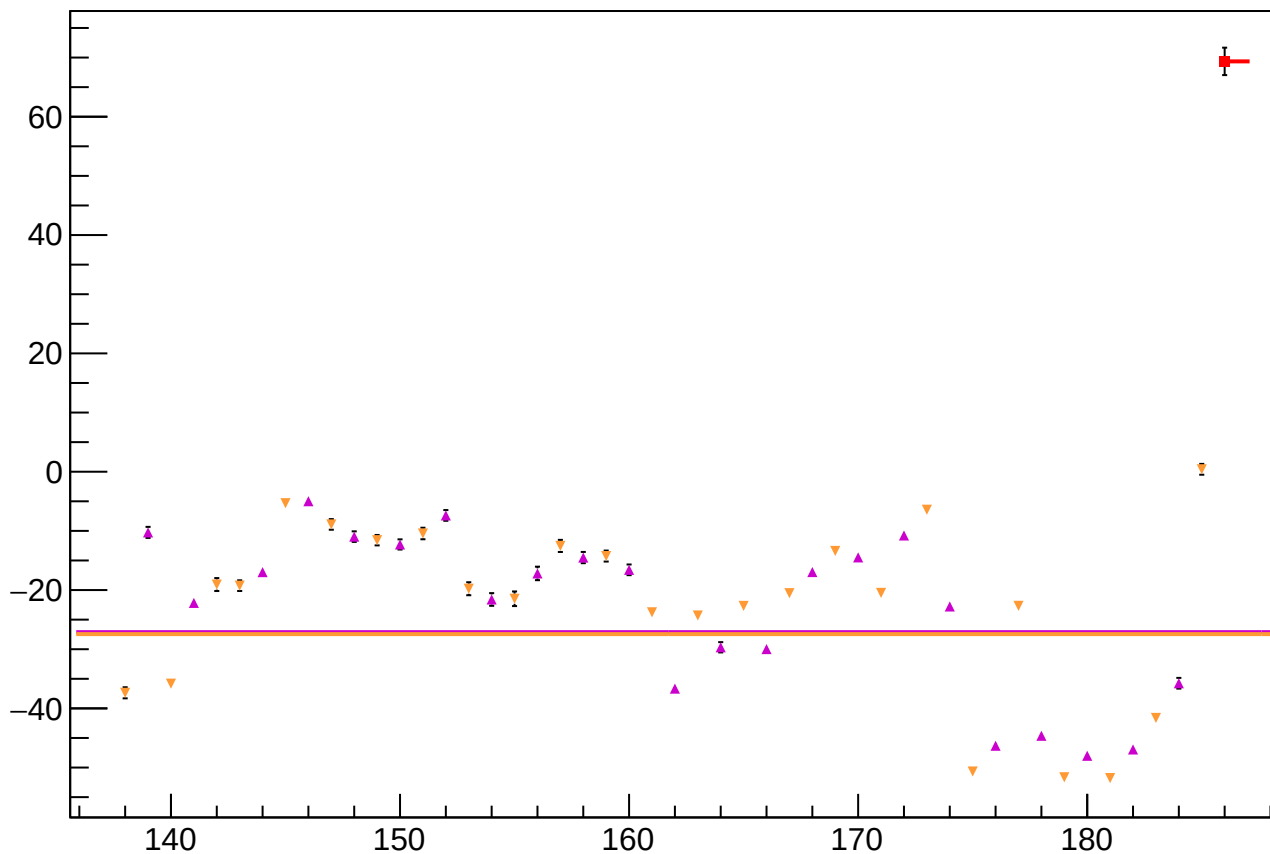
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ sign 0.145 ± 0.003 χ^2/NDF : 3202.0/41

All: 0.147 ± 0.002 χ^2/NDF : 8285.5/84

- sign 0.148 ± 0.003 χ^2/NDF : 5082.8/42

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 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

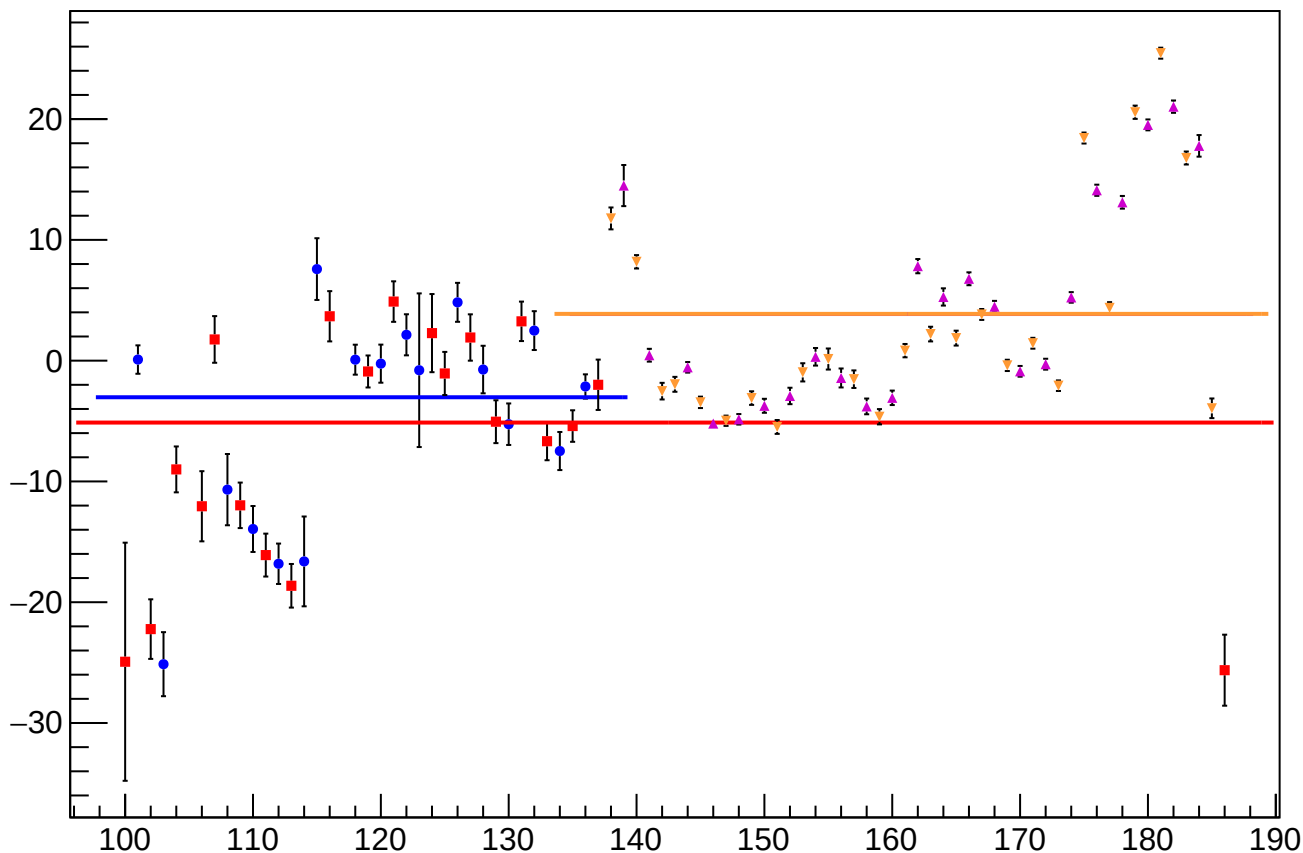
Left In: -27.114+/-0.139 χ^2/NDF :11443.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.112+/-0.097 χ^2/NDF : 28003.0/48

- sign -26.770+/-0.138 χ^2/NDF : 13170.4/23

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: 3.873 ± 0.109 χ^2/NDF : 6906.0/24

Right Out: -5.126 ± 0.422 χ^2/NDF : 347.9/19

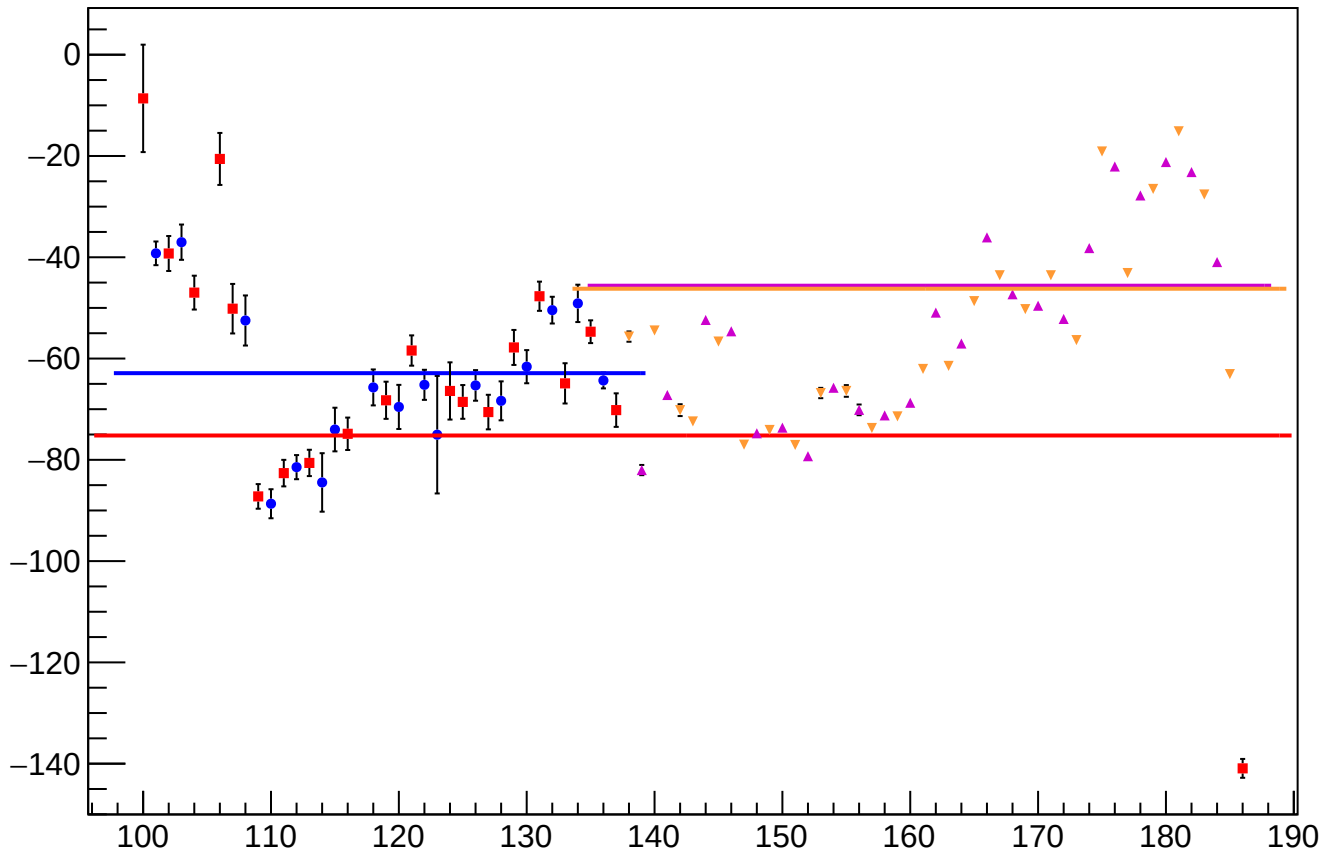
Left In: 3.861 ± 0.111 χ^2/NDF : 5438.4/22

+ sign 3.408 ± 0.106 χ^2/NDF : 7454.4/41

All: 3.346 ± 0.075 χ^2/NDF : 13665.3/84

- sign 3.282 ± 0.107 χ^2/NDF : 6210.1/42

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -46.213 ± 0.138 χ^2/NDF : 19981.0/24

Right Out: -75.195 ± 0.697 χ^2/NDF : 1892.1/19

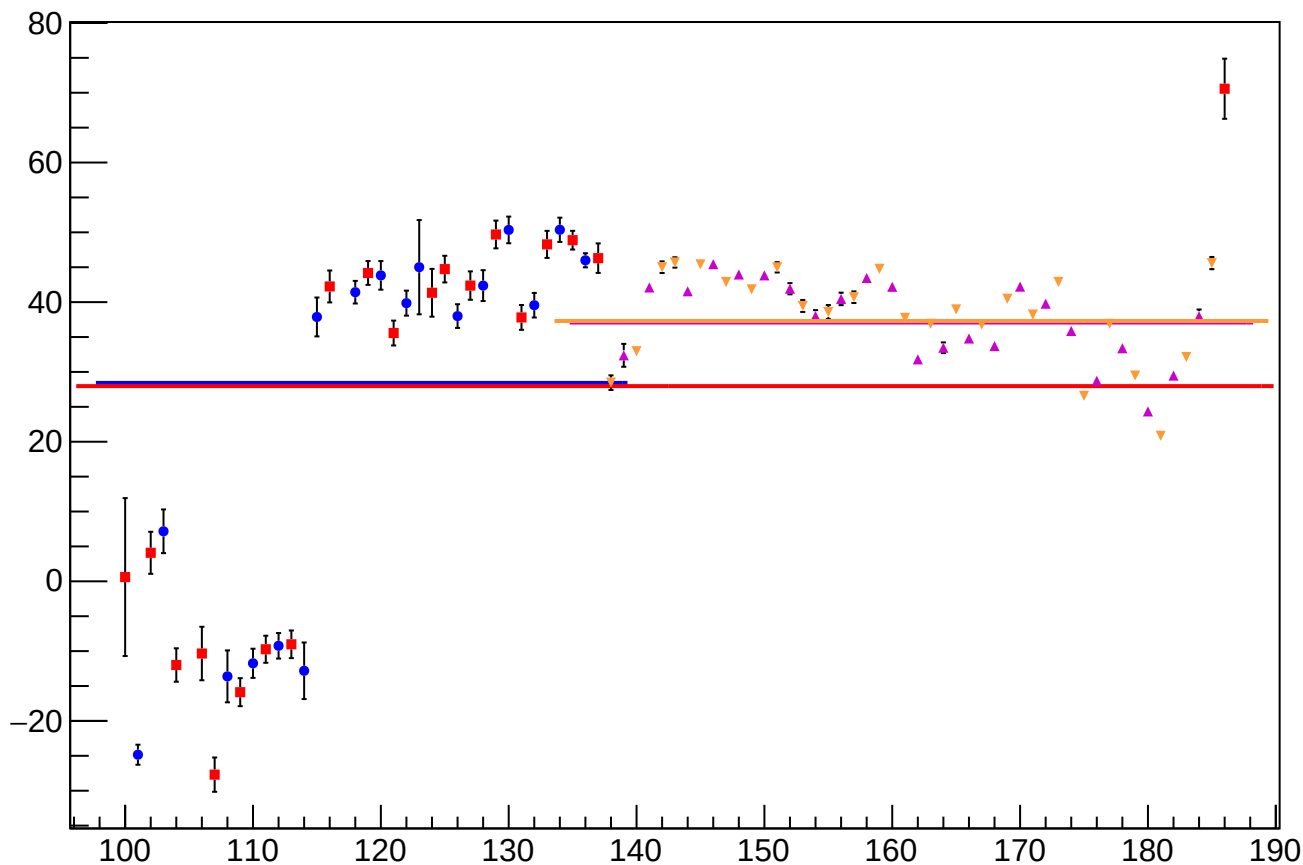
Left In: -45.616 ± 0.139 χ^2/NDF : 17743.8/22

+ sign -46.778 ± 0.136 χ^2/NDF : 20843.0/41

All: -46.764 ± 0.096 χ^2/NDF : 42212.2/84

- sign -46.751 ± 0.136 χ^2/NDF : 21369.2/42

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

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

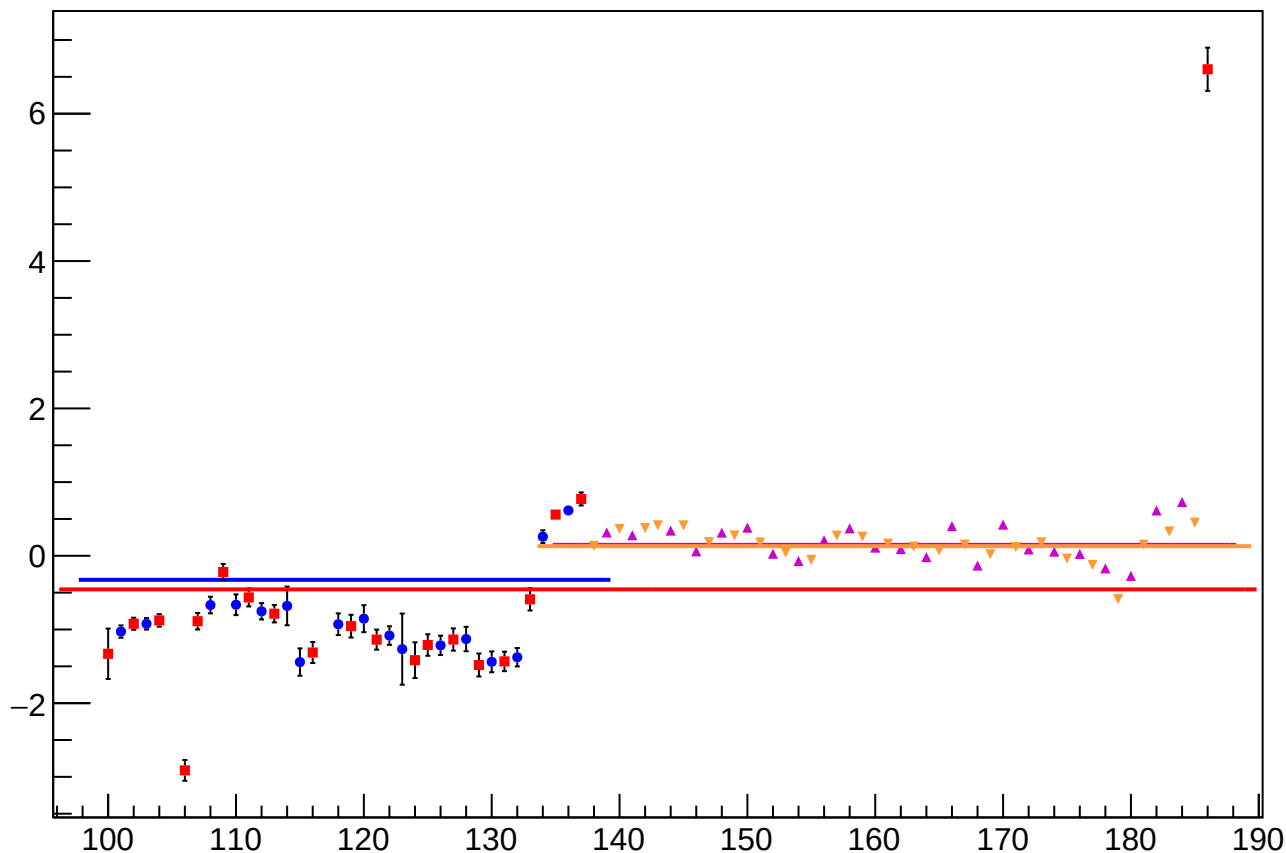
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

+ sign 36.698 $\pm$ 0.119 χ^2 /NDF: 6794.7/41

All: 36.597 $\pm$ 0.085 χ^2 /NDF: 12676.8/84

- sign 36.494 $\pm$ 0.121 χ^2 /NDF: 5880.7/42

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.130 ± 0.006 χ^2/NDF : 1419.7/24

Right Out: -0.456 ± 0.026 χ^2/NDF : 1753.3/19

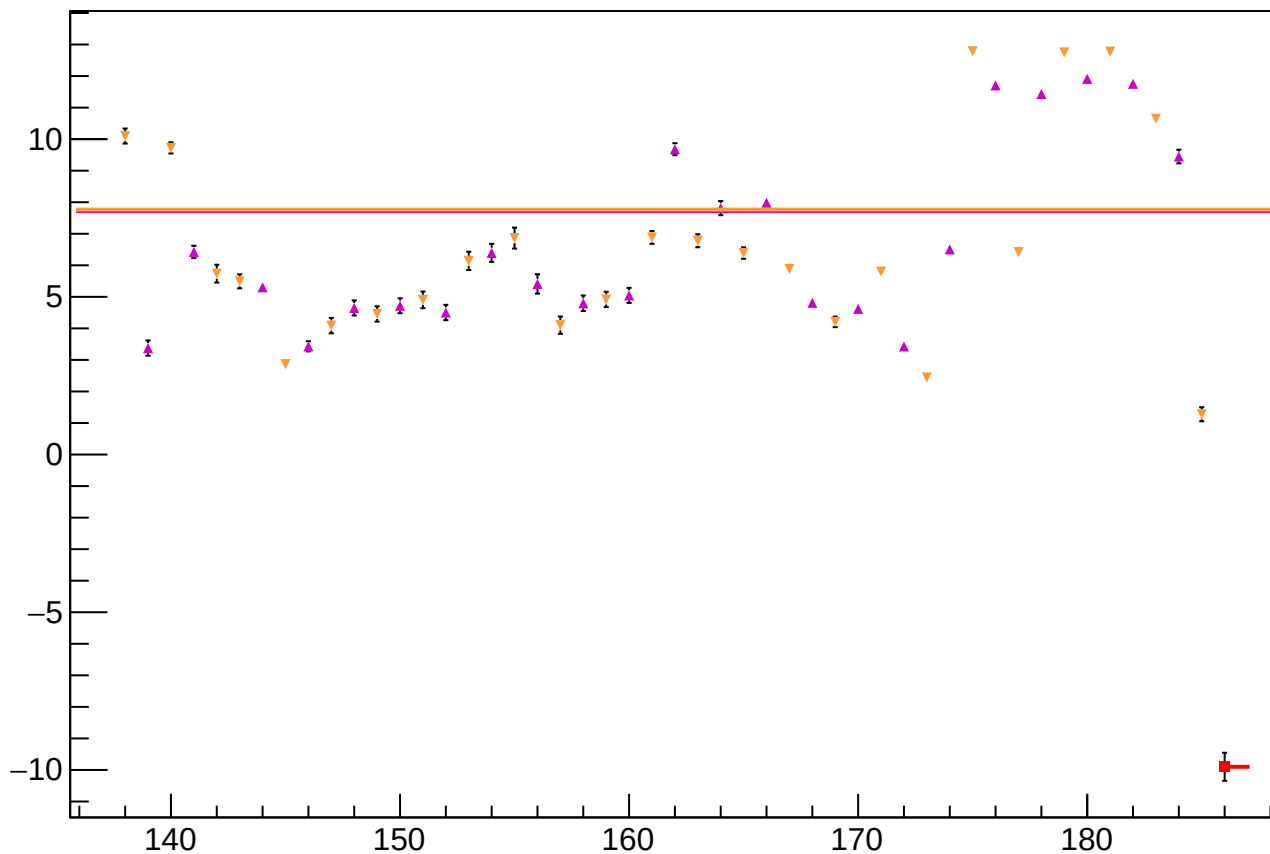
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.108 ± 0.006 χ^2/NDF : 2752.2/41

All: 0.114 ± 0.004 χ^2/NDF : 6852.5/84

- sign 0.120 ± 0.006 χ^2/NDF : 4098.0/42

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 7.766 $\pm$ 0.034 χ^2 /NDF:11703.8/24

Right Out: -9.899 $\pm$ 0.444 χ^2 /NDF: 0.0/0

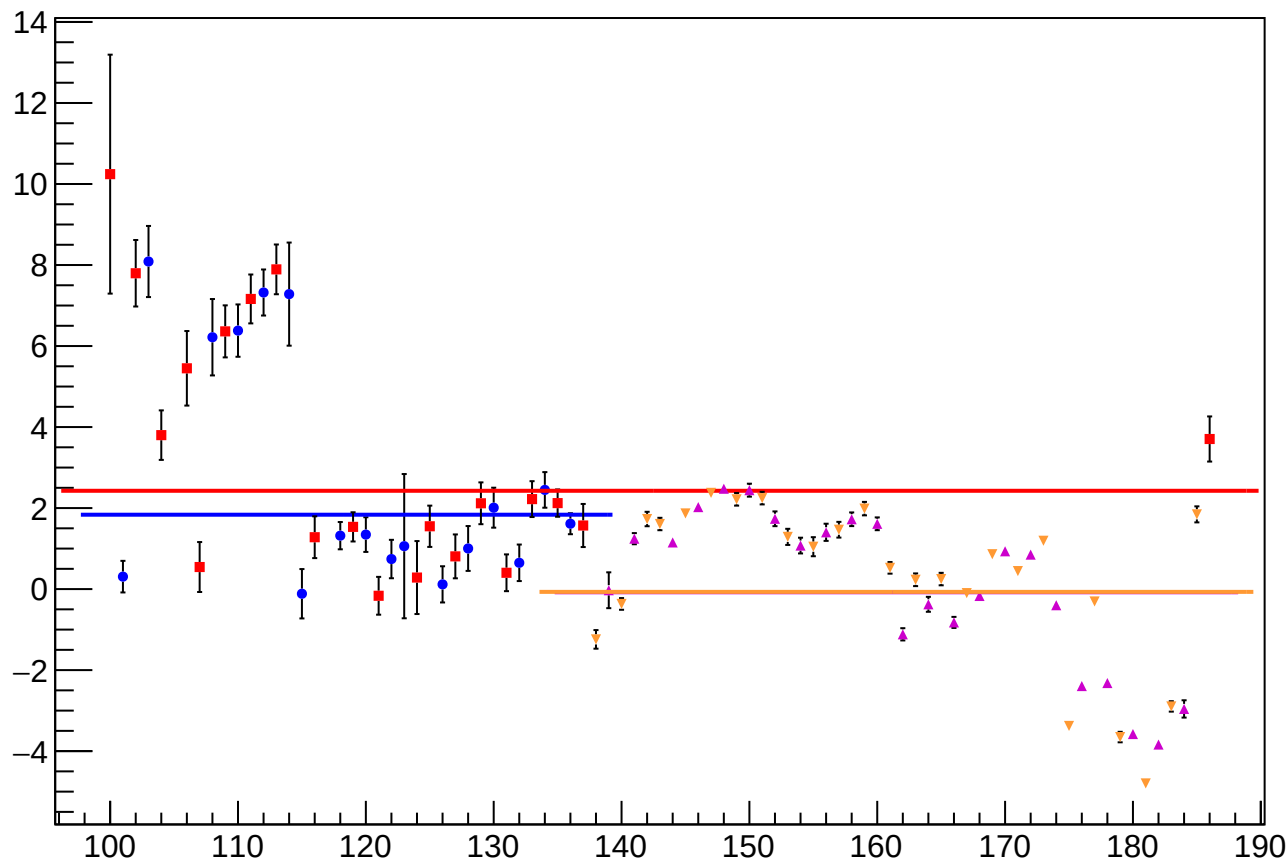
Left In: 7.719 $\pm$ 0.035 χ^2 /NDF:8490.5/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.689 $\pm$ 0.024 χ^2 /NDF: 21767.5/48

- sign 7.611 $\pm$ 0.035 χ^2 /NDF: 10053.7/23

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 0.116 $\chi^2/\text{NDF}: 294.9/16$

Left Out: -0.069 ± 0.028 $\chi^2/\text{NDF}: 6033.5/24$

Right Out: 2.427 ± 0.120 $\chi^2/\text{NDF}: 341.9/19$

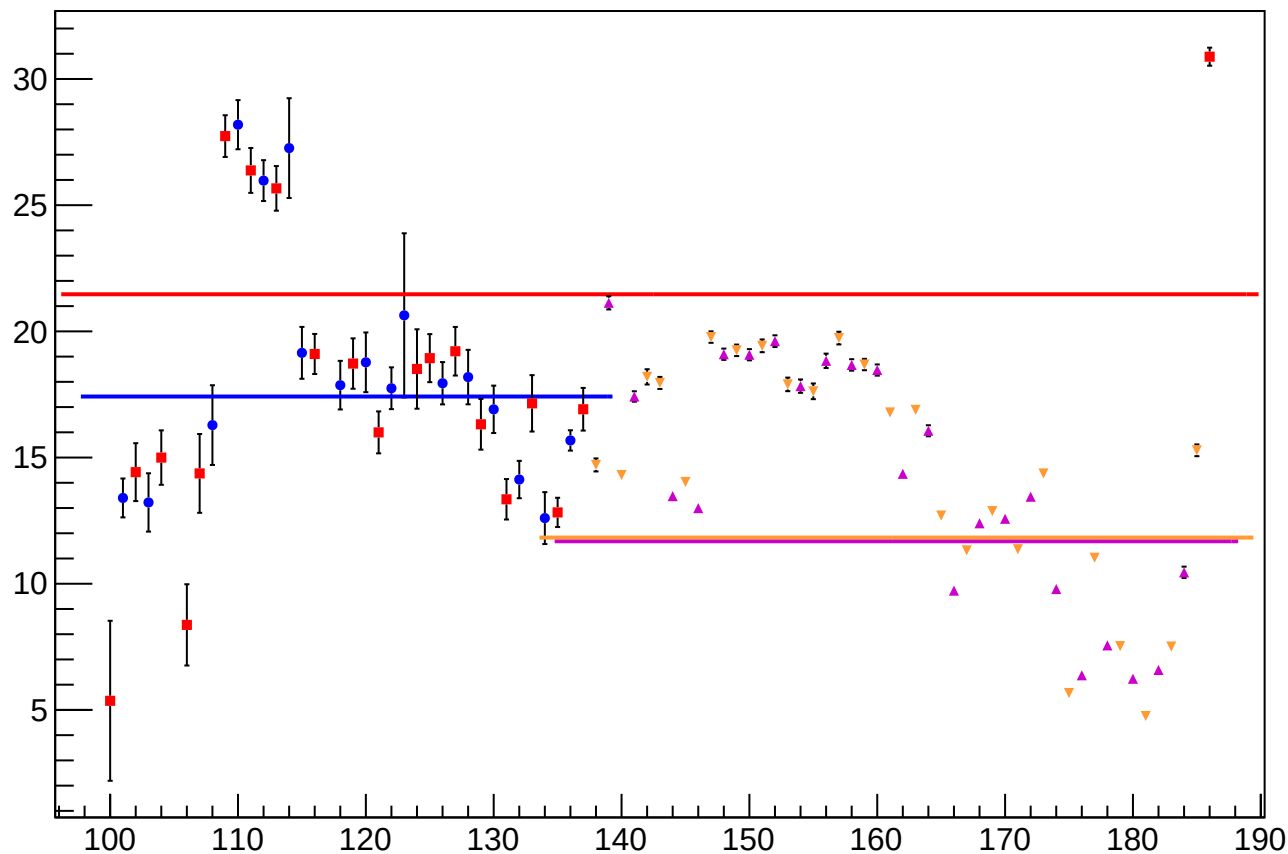
Left In: -0.079 ± 0.028 $\chi^2/\text{NDF}: 4989.1/22$

+ sign 0.035 ± 0.027 $\chi^2/\text{NDF}: 6583.1/41$

All: 0.044 ± 0.019 $\chi^2/\text{NDF}: 12329.1/84$

- sign 0.052 ± 0.027 $\chi^2/\text{NDF}: 5745.8/42$

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 ± 0.212 χ^2/NDF : 366.8/16

Left Out: 11.830 ± 0.035 χ^2/NDF : 19032.5/24

Right Out: 21.470 ± 0.187 χ^2/NDF : 1463.4/19

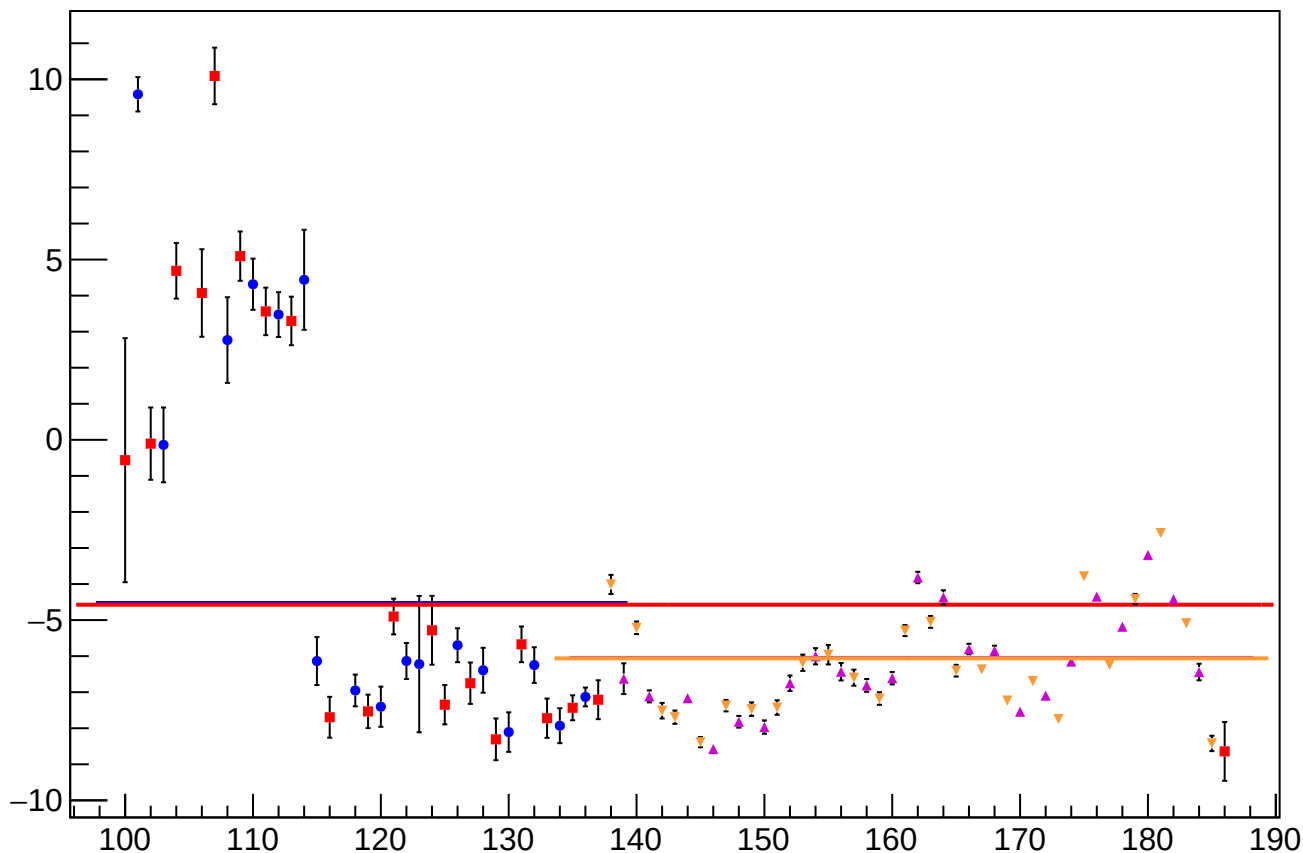
Left In: 11.683 ± 0.035 χ^2/NDF : 16927.3/22

+ sign 11.976 ± 0.034 χ^2/NDF : 20077.9/41

All: 11.996 ± 0.024 χ^2/NDF : 41125.6/84

- sign 12.017 ± 0.034 χ^2/NDF : 21047.0/42

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -6.061 ± 0.031 χ^2/NDF : 2649.3/24

Right Out: -4.574 ± 0.135 χ^2/NDF : 1364.5/19

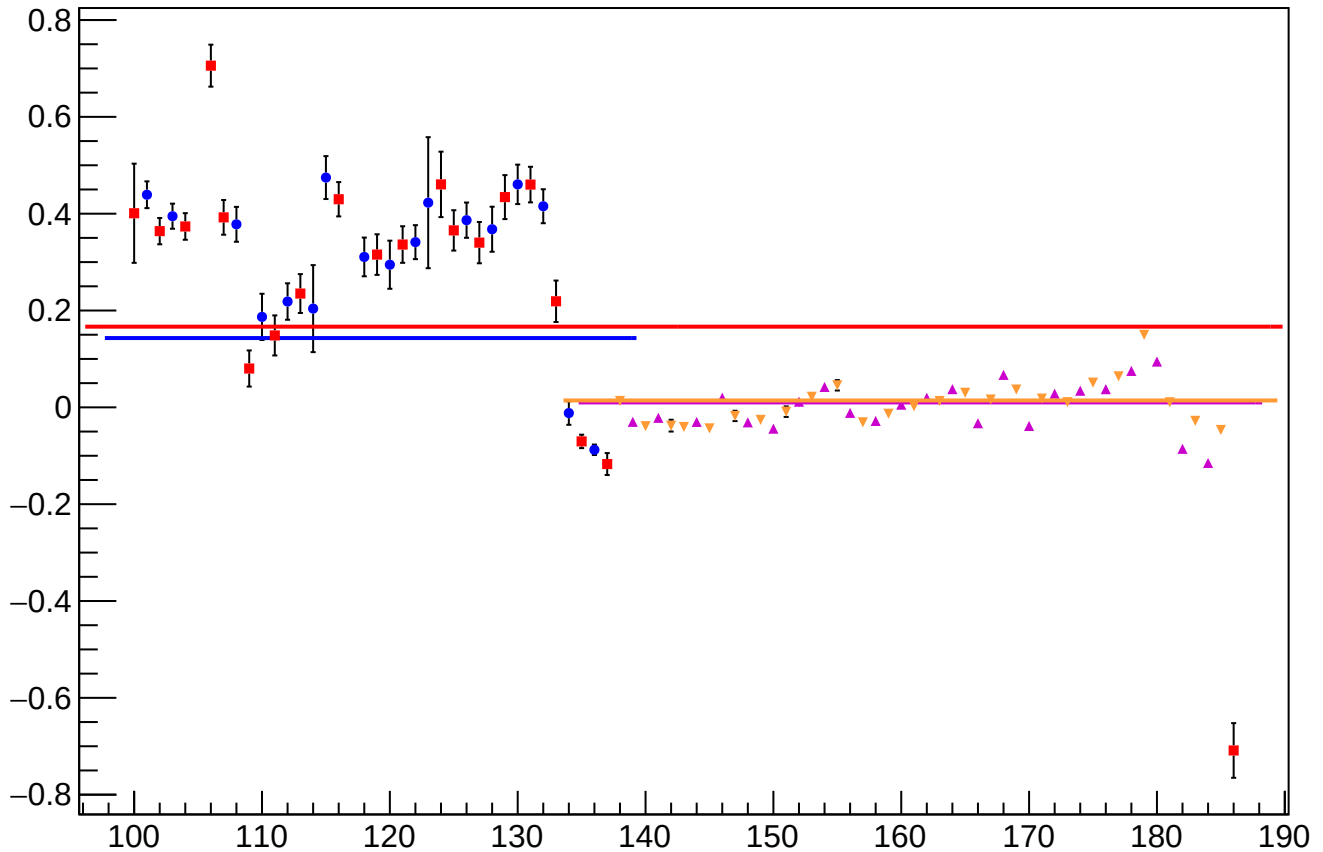
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.977 ± 0.030 χ^2/NDF : 4372.2/41

All: -5.975 ± 0.022 χ^2/NDF : 8153.2/84

- 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 $\pm$ 0.007 χ^2 /NDF: 1060.4/16

Left Out: 0.014 $\pm$ 0.001 χ^2 /NDF: 950.9/24

Right Out: 0.167 $\pm$ 0.007 χ^2 /NDF: 1252.2/19

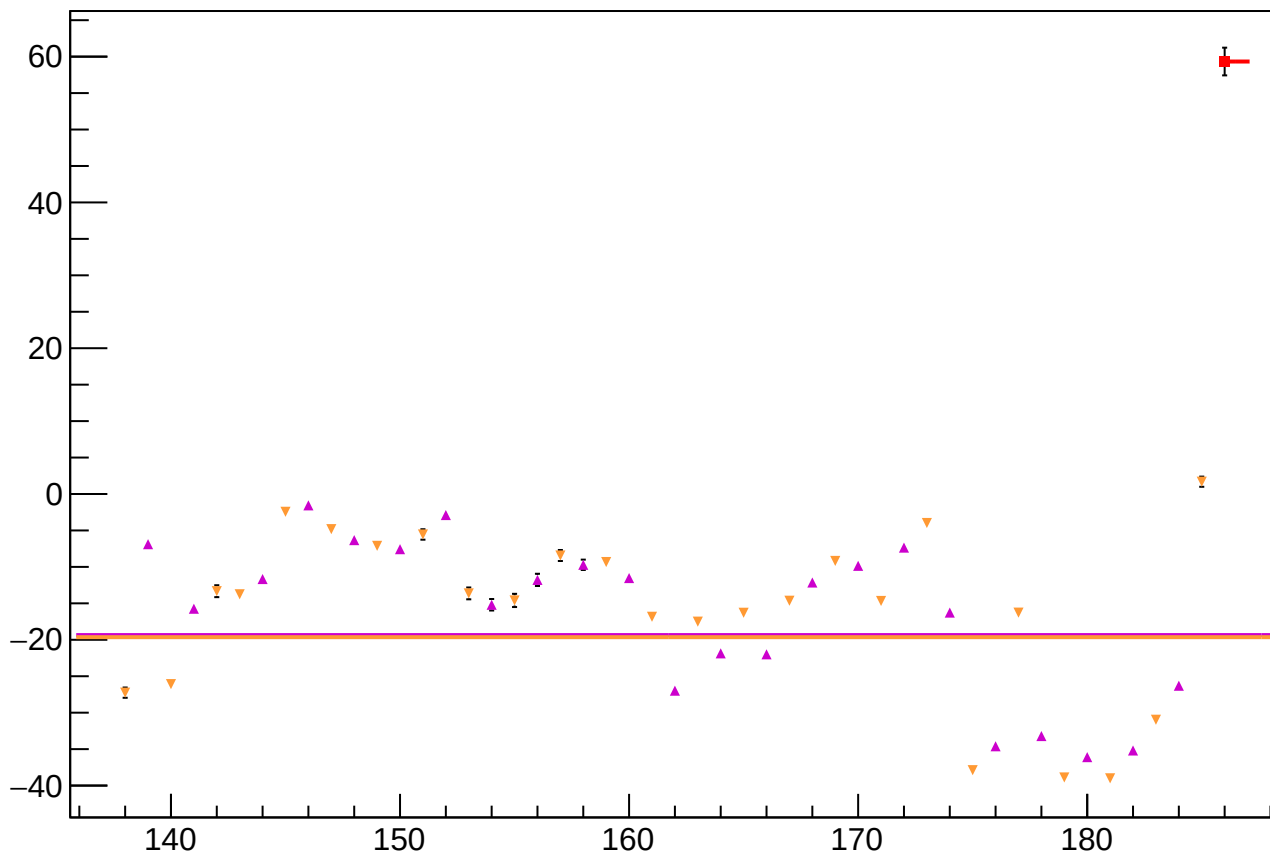
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 1224.5/22

+ sign 0.019 $\pm$ 0.001 χ^2 /NDF: 2332.1/41

All: 0.018 $\pm$ 0.001 χ^2 /NDF: 5251.1/84

- sign 0.016 $\pm$ 0.001 χ^2 /NDF: 2916.2/42

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.642+/-0.103 χ^2/NDF :15730.6/24

Right Out: 59.330+/-1.901 χ^2/NDF : 0.0/0

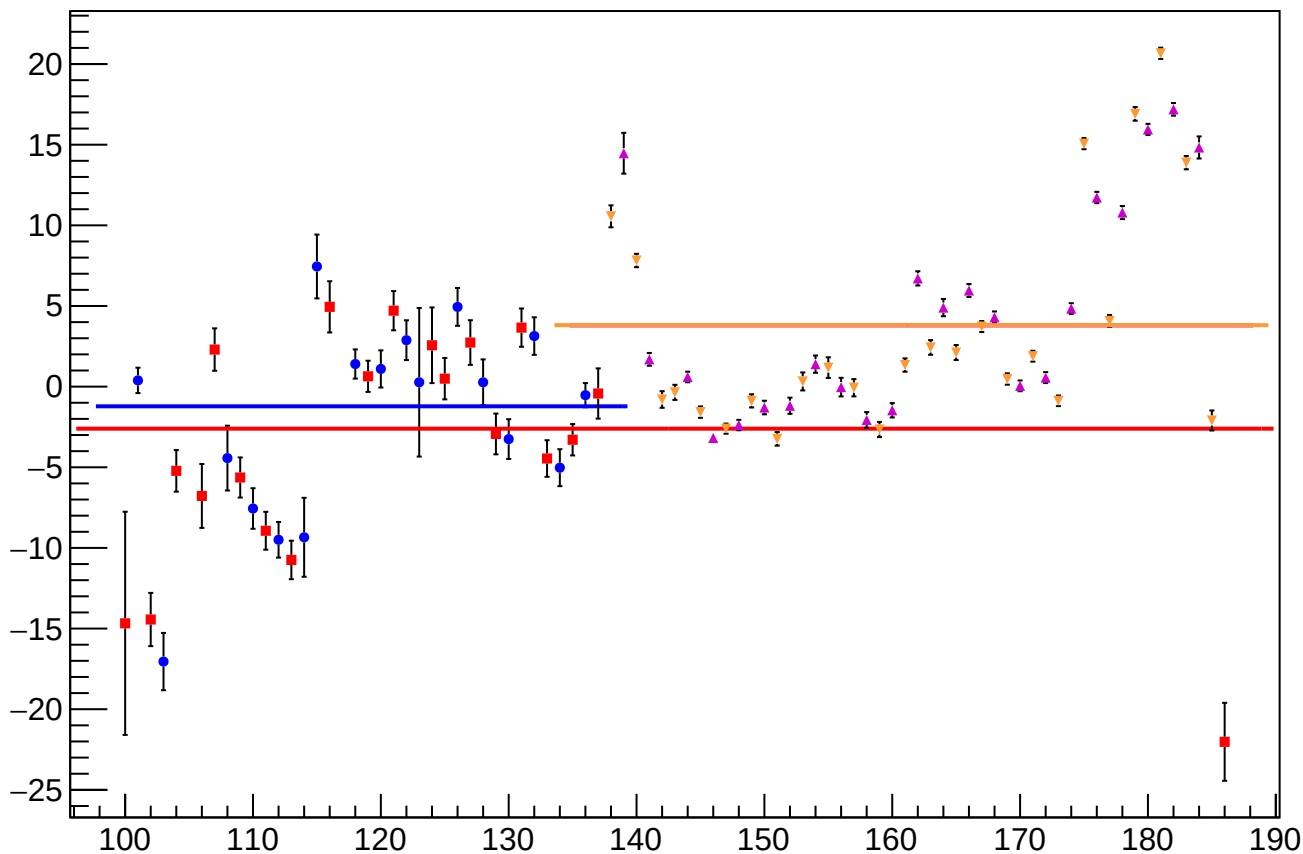
Left In: -19.355+/-0.105 χ^2/NDF :12417.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.383+/-0.073 χ^2/NDF : 29869.2/48

- sign -19.118+/-0.104 χ^2/NDF : 14125.8/23

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 3.811 ± 0.082 χ^2/NDF : 7118.3/24

Right Out: -2.606 ± 0.300 χ^2/NDF : 351.7/19

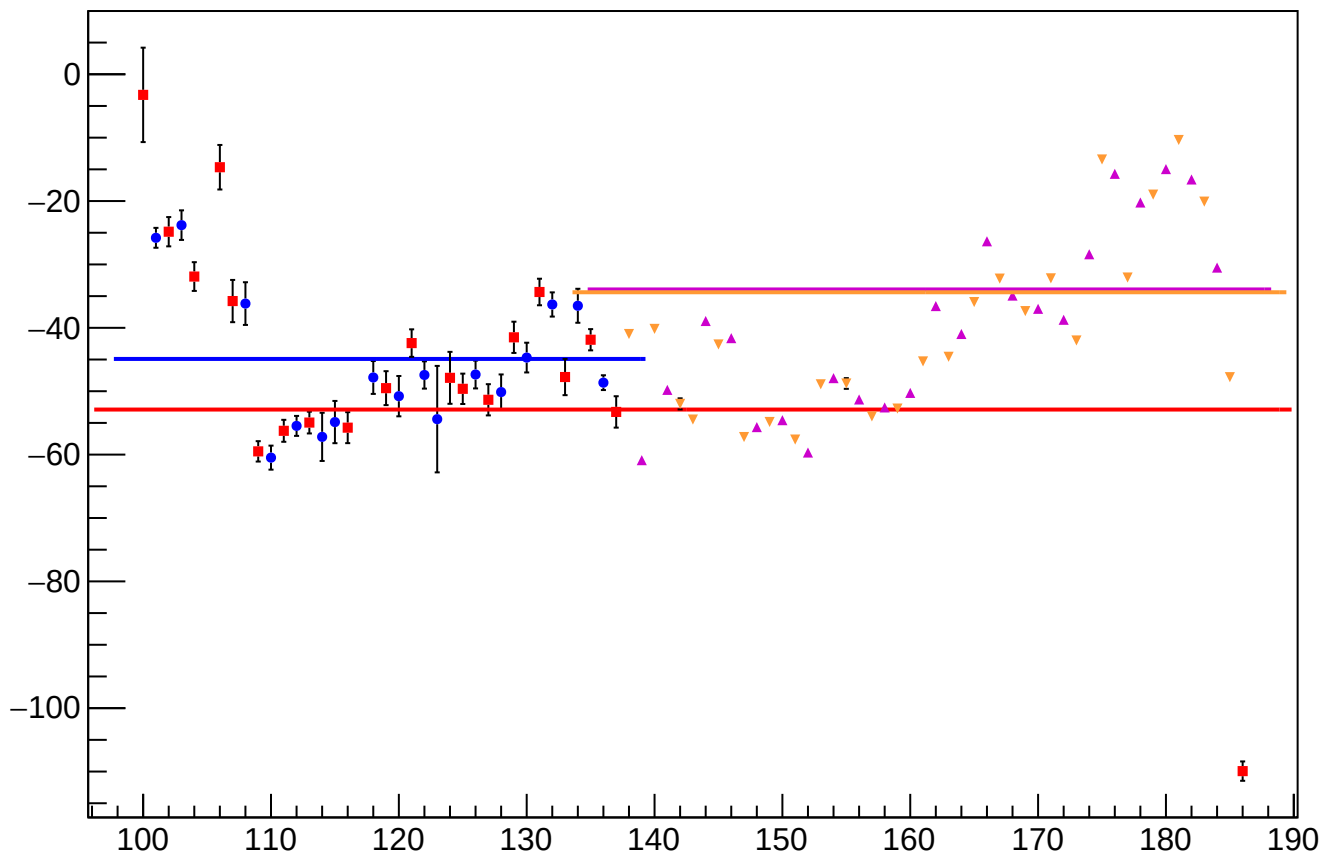
Left In: 3.795 ± 0.083 χ^2/NDF : 5534.4/22

+ sign 3.436 ± 0.079 χ^2/NDF : 7675.4/41

All: 3.387 ± 0.056 χ^2/NDF : 13984.8/84

- sign 3.337 ± 0.080 χ^2/NDF : 6308.6/42

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -34.389 ± 0.104 χ^2/NDF : 20032.2/24

Right Out: -52.892 ± 0.499 χ^2/NDF : 2015.0/19

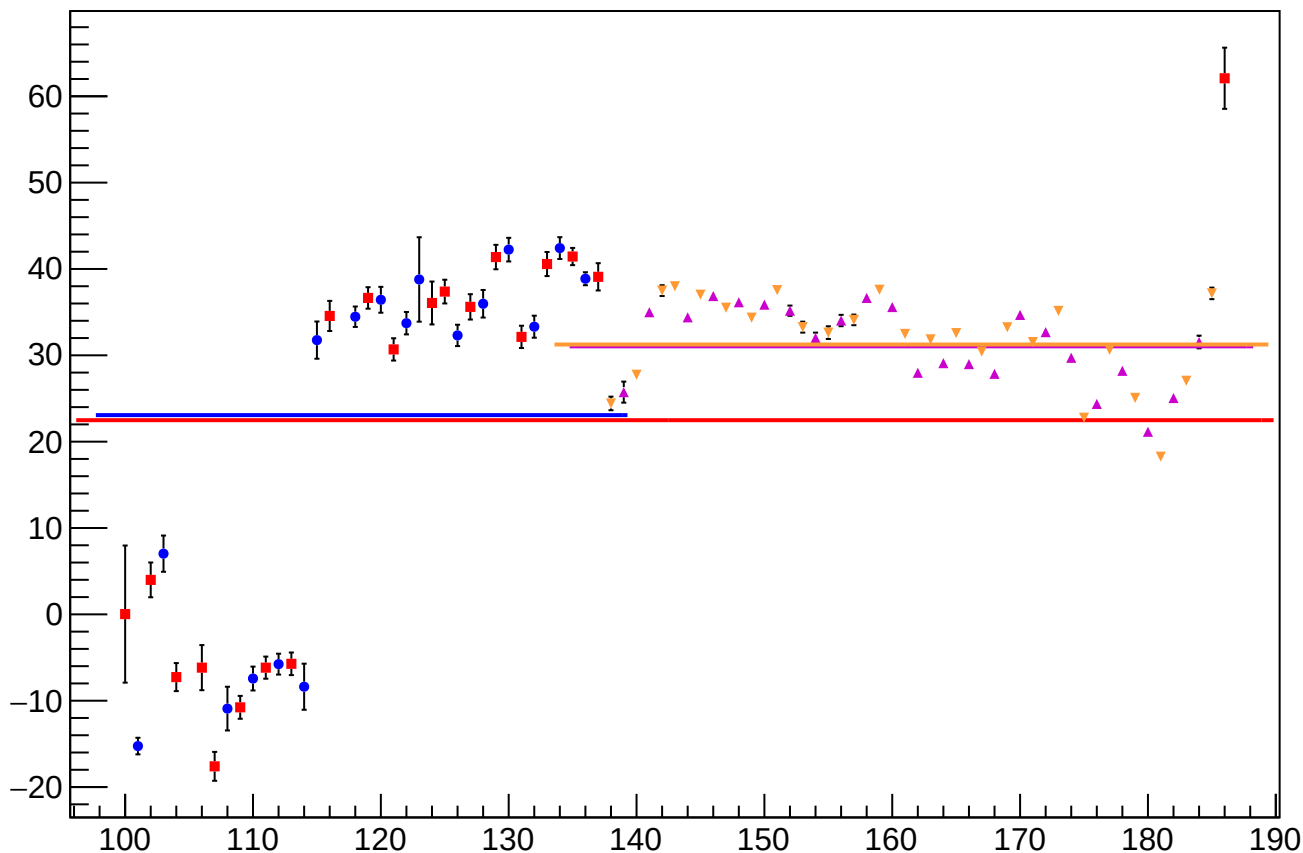
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ sign -34.791 ± 0.102 χ^2/NDF : 20843.2/41

All: -34.769 ± 0.072 χ^2/NDF : 42093.1/84

- sign -34.746 ± 0.103 χ^2/NDF : 21249.8/42

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

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

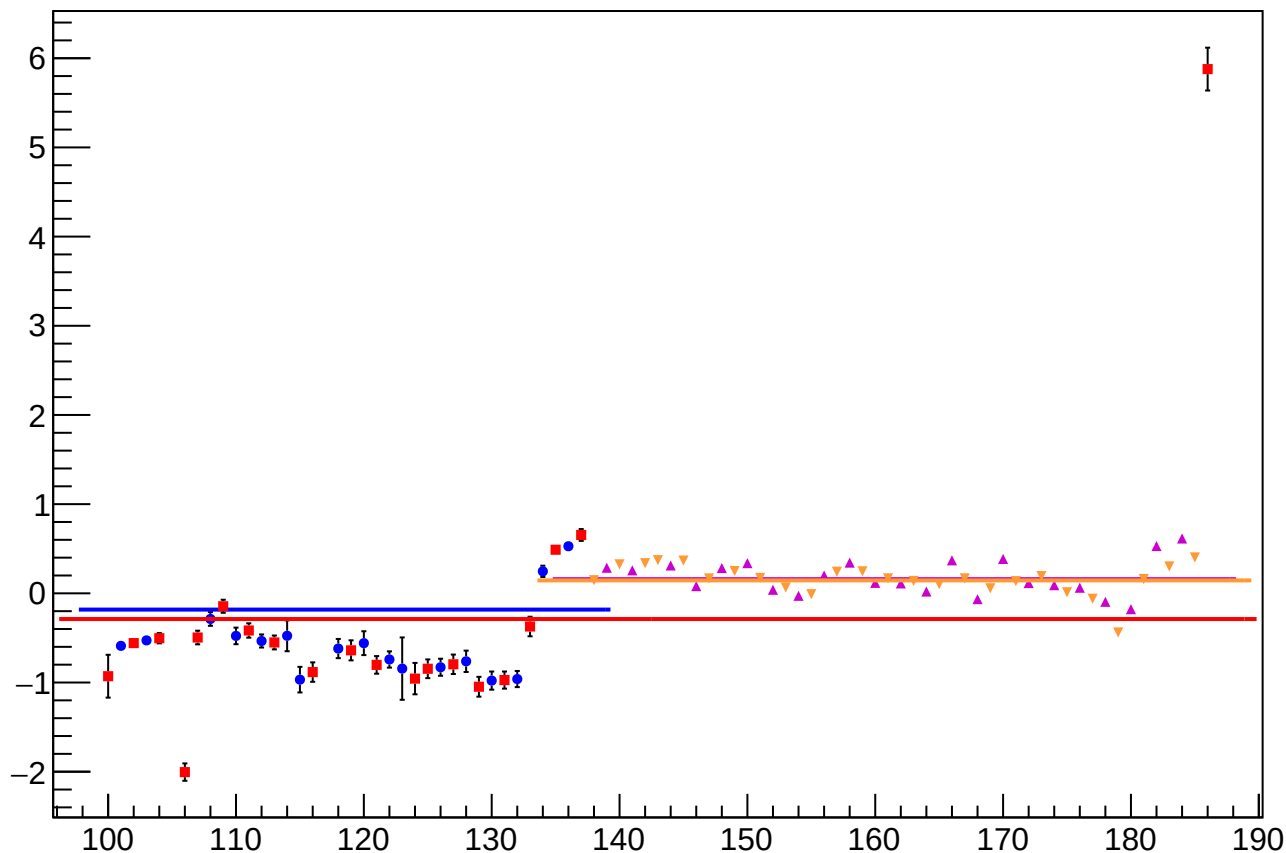
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ sign 30.642 $\pm$ 0.089 χ^2 /NDF: 8233.8/41

All: 30.537 $\pm$ 0.063 χ^2 /NDF: 15479.2/84

- sign 30.429 $\pm$ 0.090 χ^2 /NDF: 7242.6/42

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.145 ± 0.004 χ^2/NDF : 1572.6/24

Right Out: -0.288 ± 0.018 χ^2/NDF : 1846.8/19

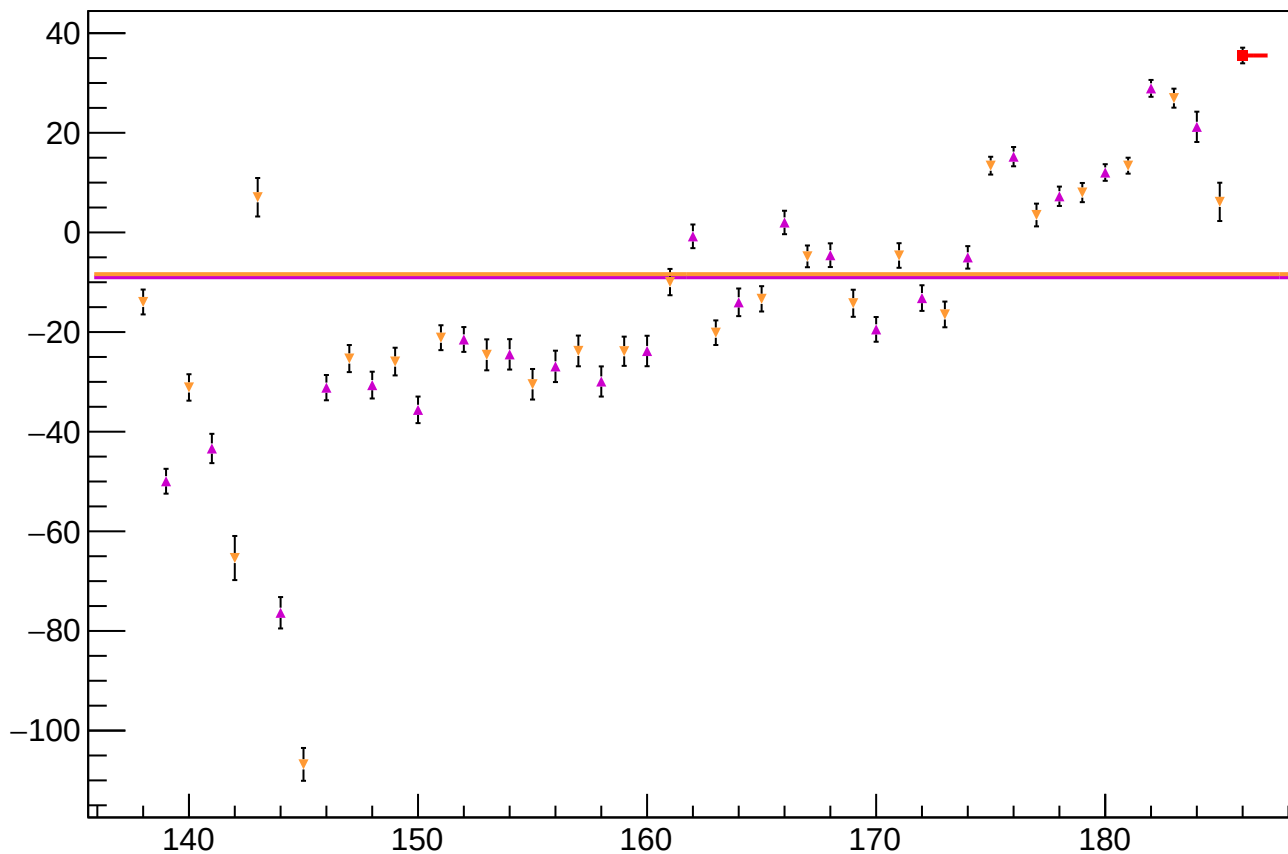
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.127 ± 0.004 χ^2/NDF : 2892.7/41

All: 0.131 ± 0.003 χ^2/NDF : 7339.0/84

- sign 0.135 ± 0.004 χ^2/NDF : 4444.4/42

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -8.375 $\pm$ 0.500 χ^2 /NDF:2224.0/24

Right Out: 35.518 $\pm$ 1.571 χ^2 /NDF: 0.0/0

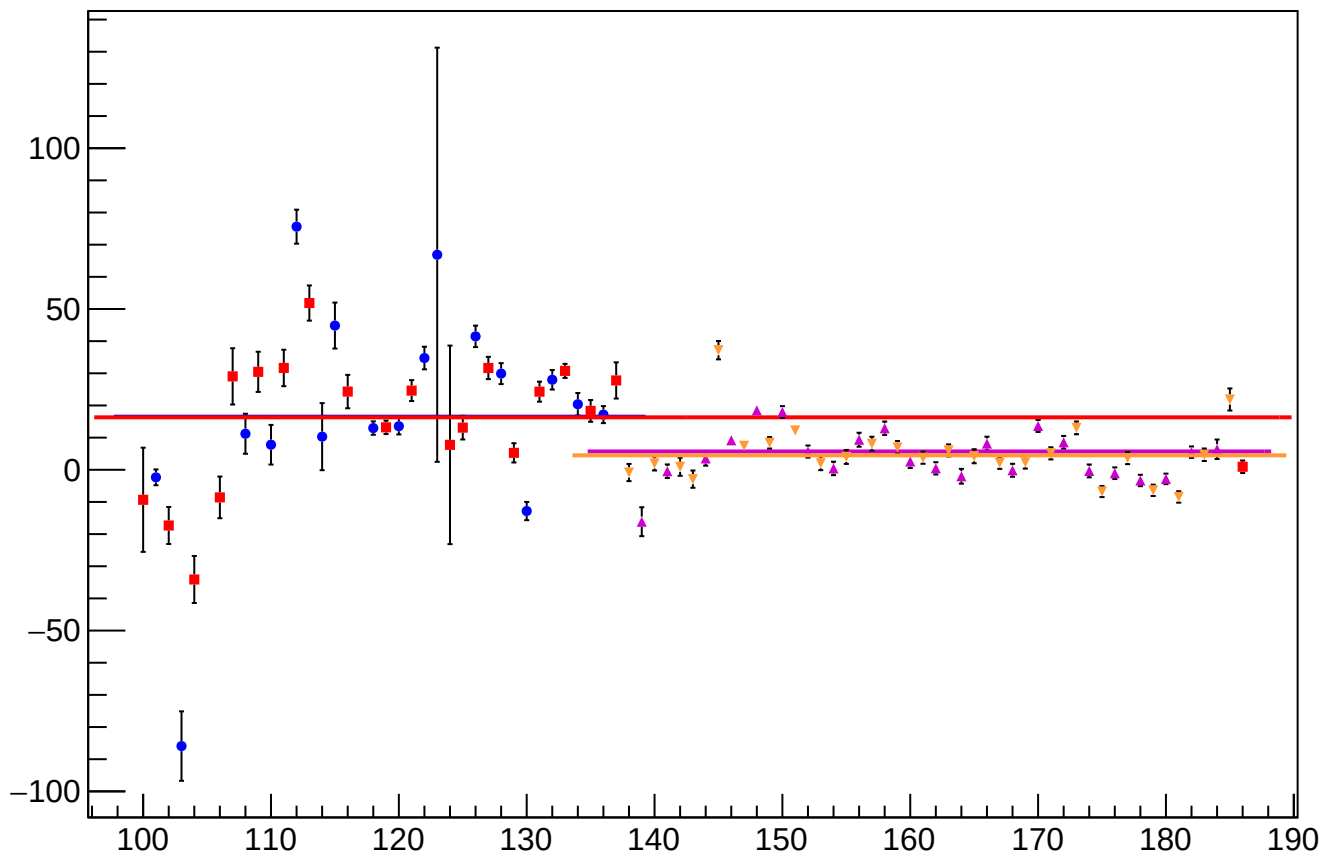
Left In: -8.995 $\pm$ 0.505 χ^2 /NDF:2308.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.531 $\pm$ 0.347 χ^2 /NDF: 5285.7/48

- sign -4.826 $\pm$ 0.481 χ^2 /NDF: 3035.5/23

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 ± 0.847 $\chi^2/\text{NDF}: 519.6/16$

Left Out: 4.494 ± 0.393 $\chi^2/\text{NDF}: 372.1/24$

Right Out: 16.307 ± 0.815 $\chi^2/\text{NDF}: 318.2/19$

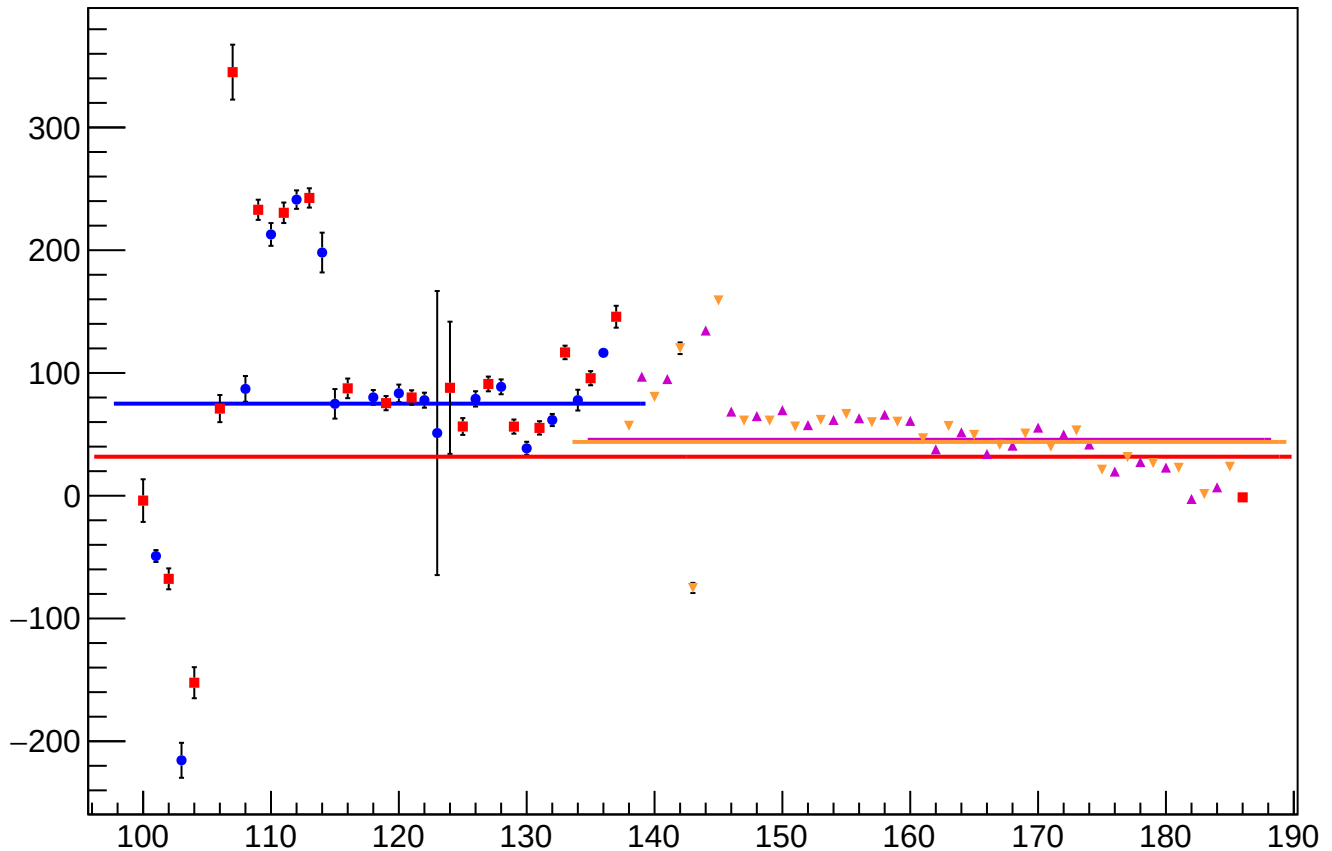
Left In: 5.699 ± 0.403 $\chi^2/\text{NDF}: 329.1/22$

+ sign 6.619 ± 0.356 $\chi^2/\text{NDF}: 1057.3/41$

All: 7.194 ± 0.254 $\chi^2/\text{NDF}: 1846.0/84$

- sign 7.784 ± 0.361 $\chi^2/\text{NDF}: 783.4/42$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

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

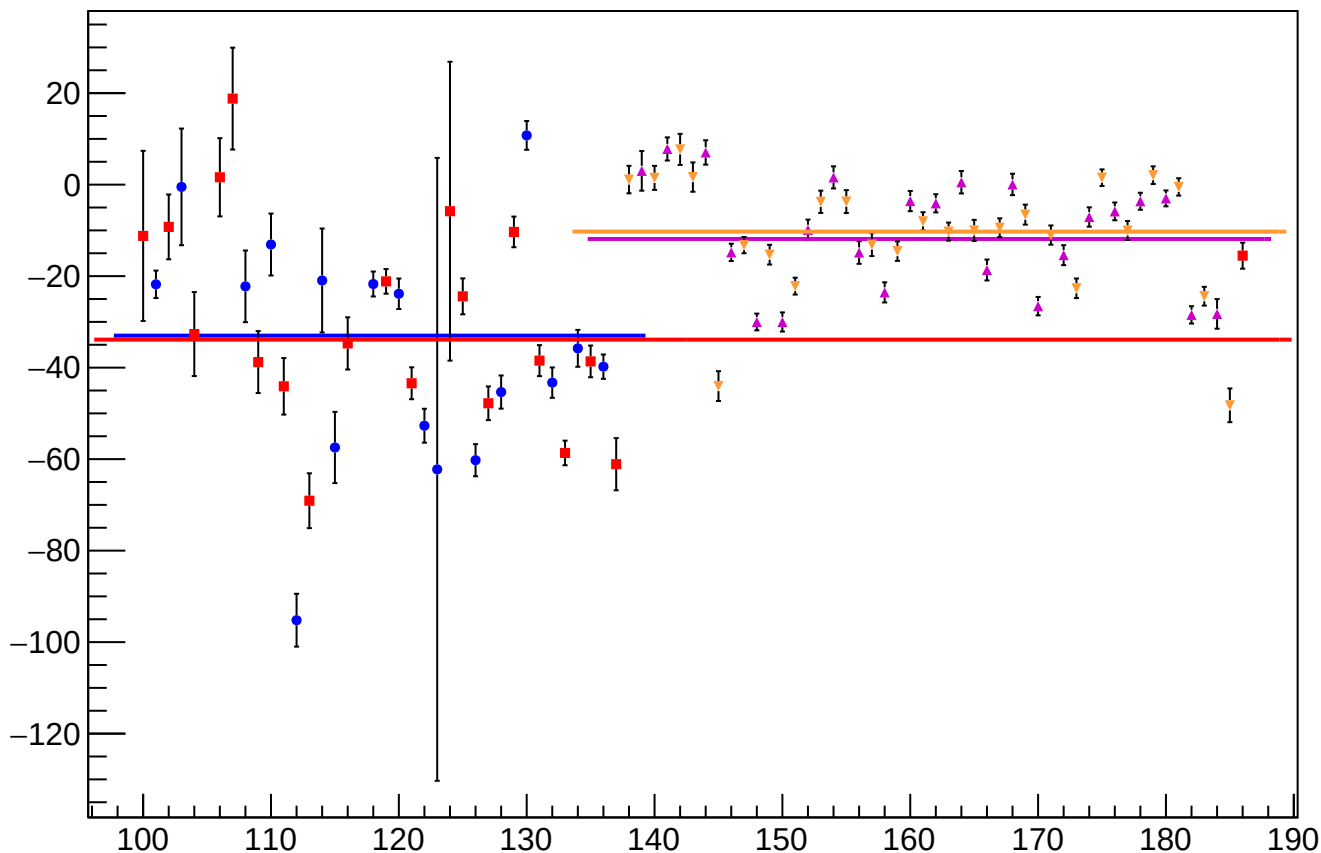
Left In: 45.559 $\pm$ 0.502 χ^2 /NDF: 3152.4/22

+ sign 46.493 $\pm$ 0.477 χ^2 /NDF: 6012.3/41

All: 44.559 $\pm$ 0.327 χ^2 /NDF: 13325.7/84

- sign 42.839 $\pm$ 0.450 χ^2 /NDF: 7282.4/42

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -10.267 ± 0.445 χ^2/NDF : 553.7/24

Right Out: -33.877 ± 0.965 χ^2/NDF : 344.1/19

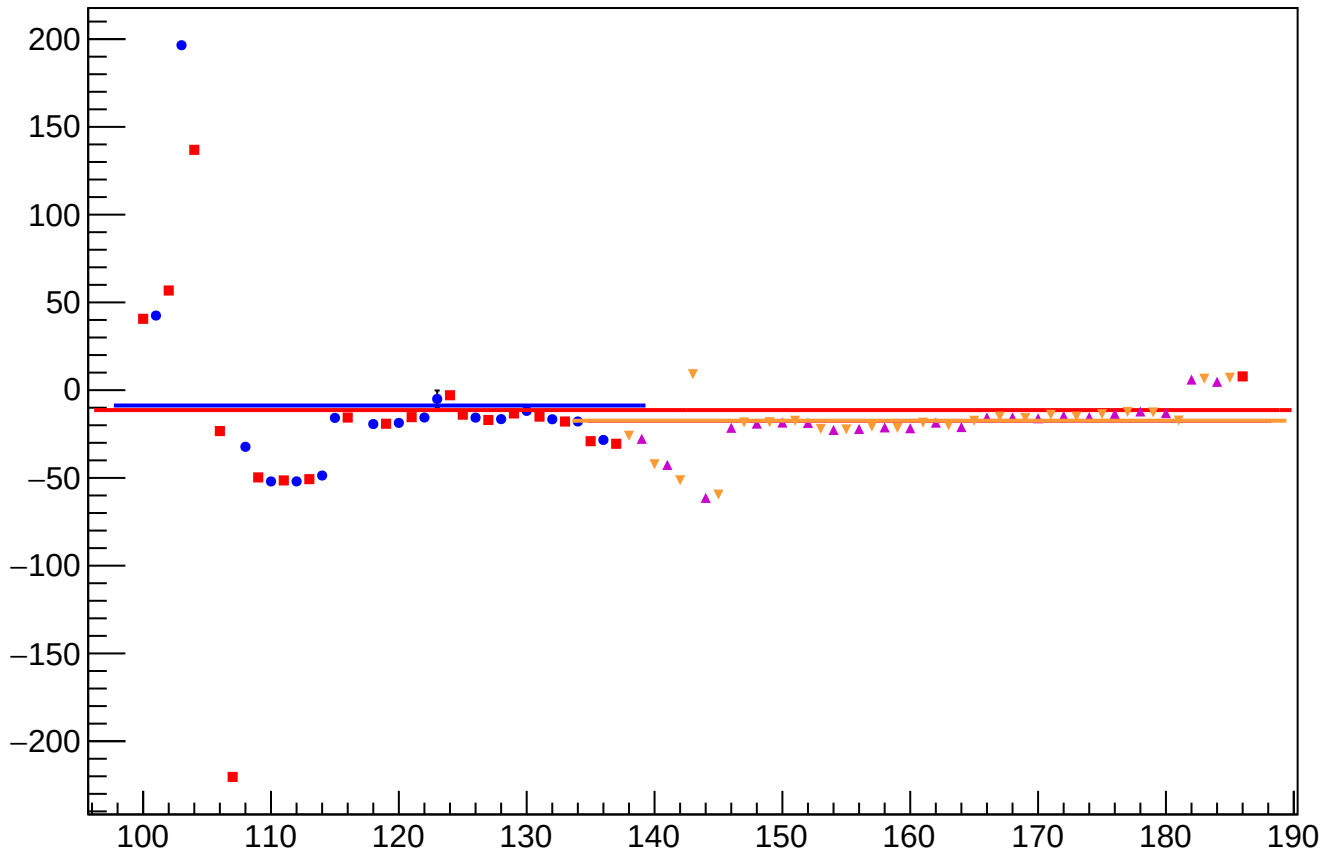
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ sign -14.208 ± 0.405 χ^2/NDF : 1499.4/41

All: -15.028 ± 0.288 χ^2/NDF : 2945.9/84

- sign -15.876 ± 0.411 χ^2/NDF : 1438.2/42

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -17.411 ± 0.020 $\chi^2/\text{NDF}: 320231.3/24$

Right Out: -11.356 ± 0.059 $\chi^2/\text{NDF}: 568466.8/19$

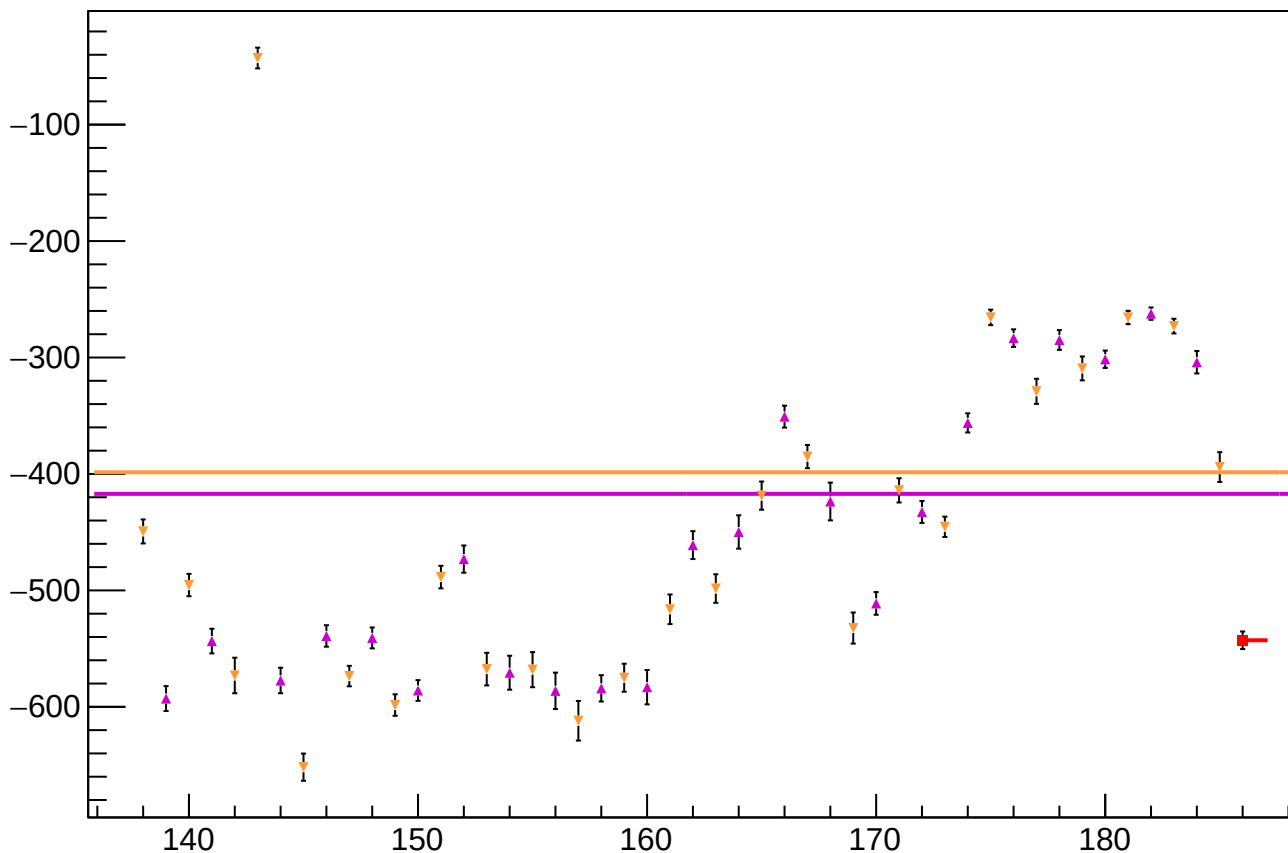
Left In: -17.552 ± 0.021 $\chi^2/\text{NDF}: 261900.3/22$

+ sign -16.478 ± 0.019 $\chi^2/\text{NDF}: 915595.4/41$

All: -16.678 ± 0.014 $\chi^2/\text{NDF}: 1755996.6/84$

- sign -16.880 ± 0.019 $\chi^2/\text{NDF}: 840186.0/42$

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 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

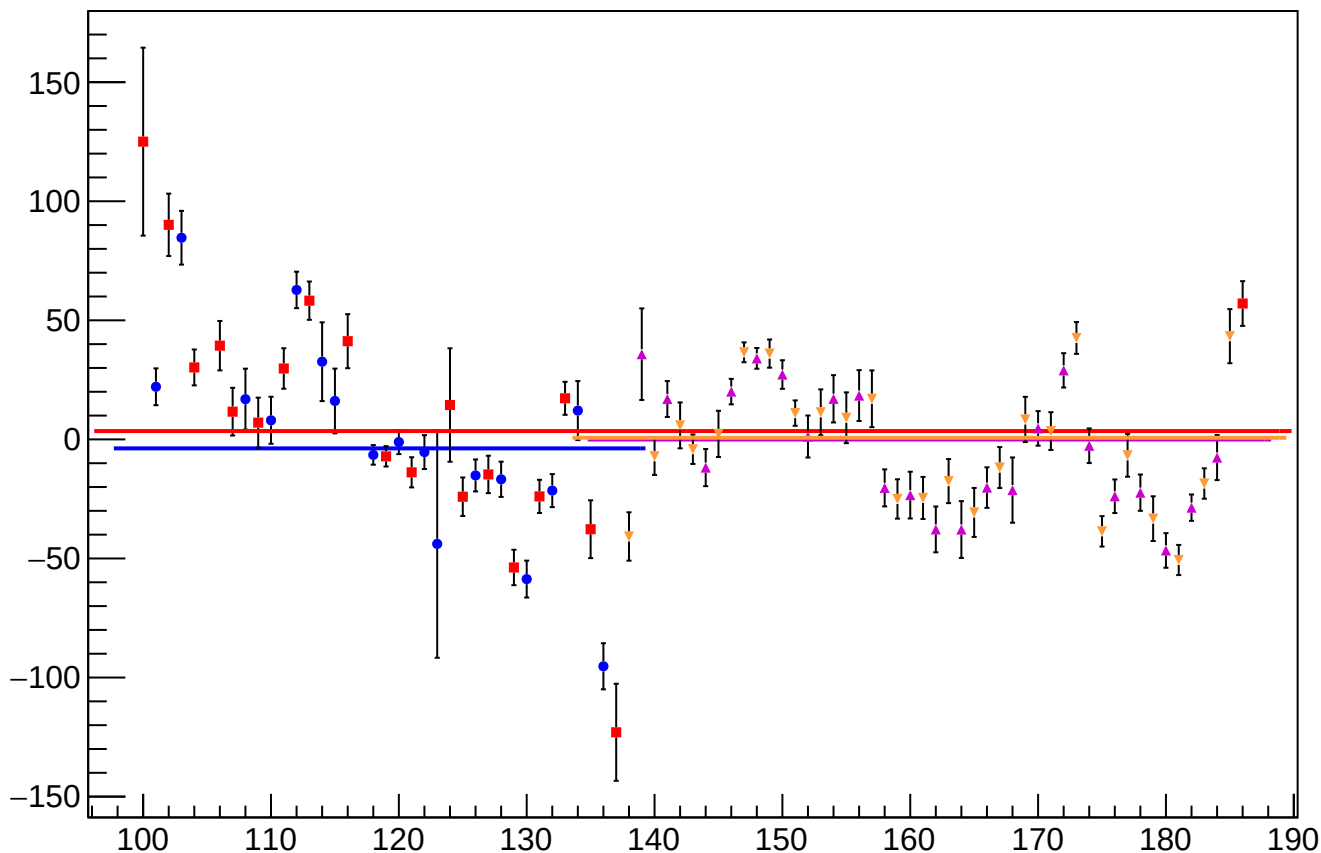
Left In: -417.080+/-1.997 χ^2/NDF : 3958.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.136+/-1.376 χ^2/NDF : 9971.4/48

- sign -425.290+/-1.931 χ^2/NDF : 4217.5/23

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: 0.697 ± 1.510 χ^2/NDF : 349.9/24

Right Out: 3.507 ± 1.881 χ^2/NDF : 337.6/19

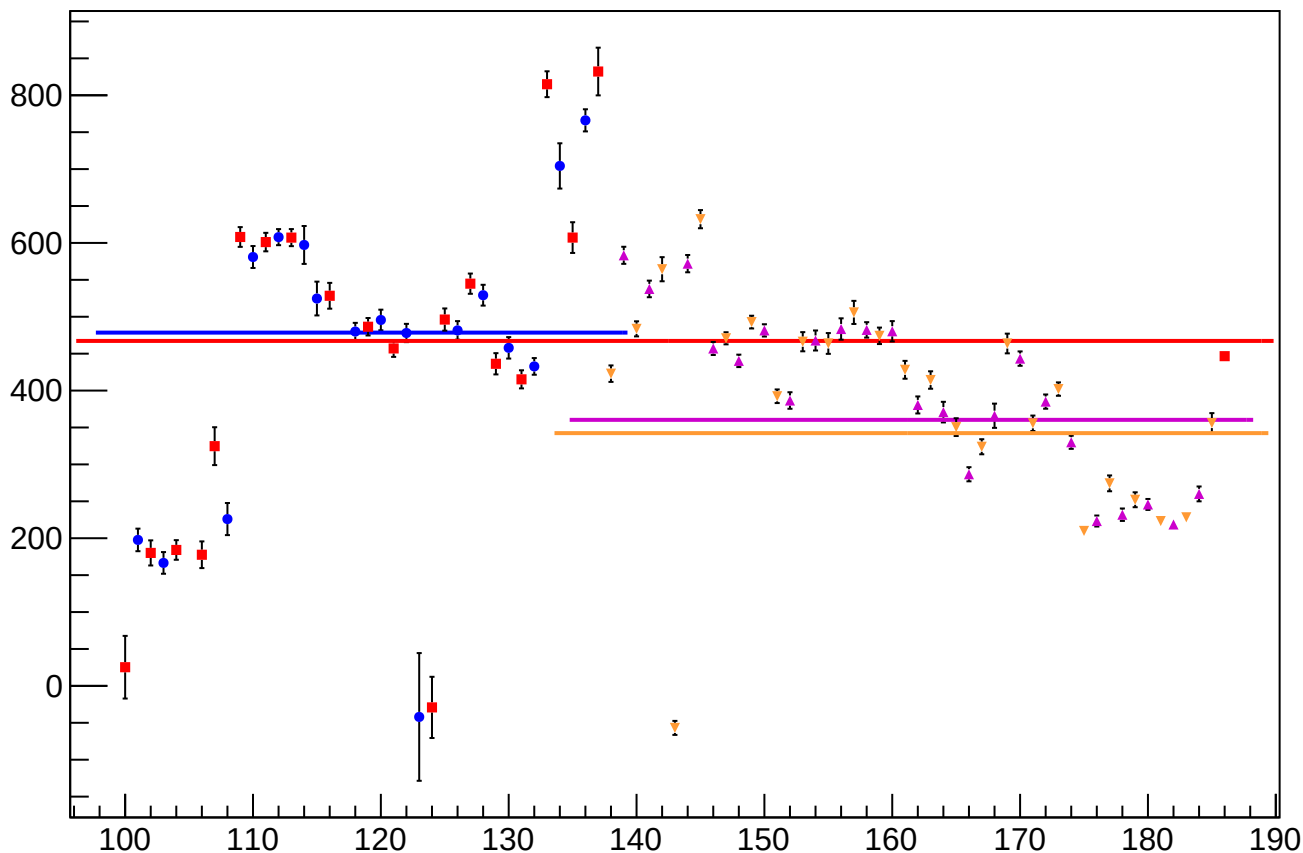
Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

+ sign -1.047 ± 1.179 χ^2/NDF : 667.7/41

All: 0.154 ± 0.843 χ^2/NDF : 1273.6/84

- sign 1.410 ± 1.206 χ^2/NDF : 603.9/42

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2/NDF : 1629.0/16

Left Out: 342.368 $\pm$ 1.970 χ^2/NDF : 5181.7/24

Right Out: 467.257 $\pm$ 3.049 χ^2/NDF : 2302.8/19

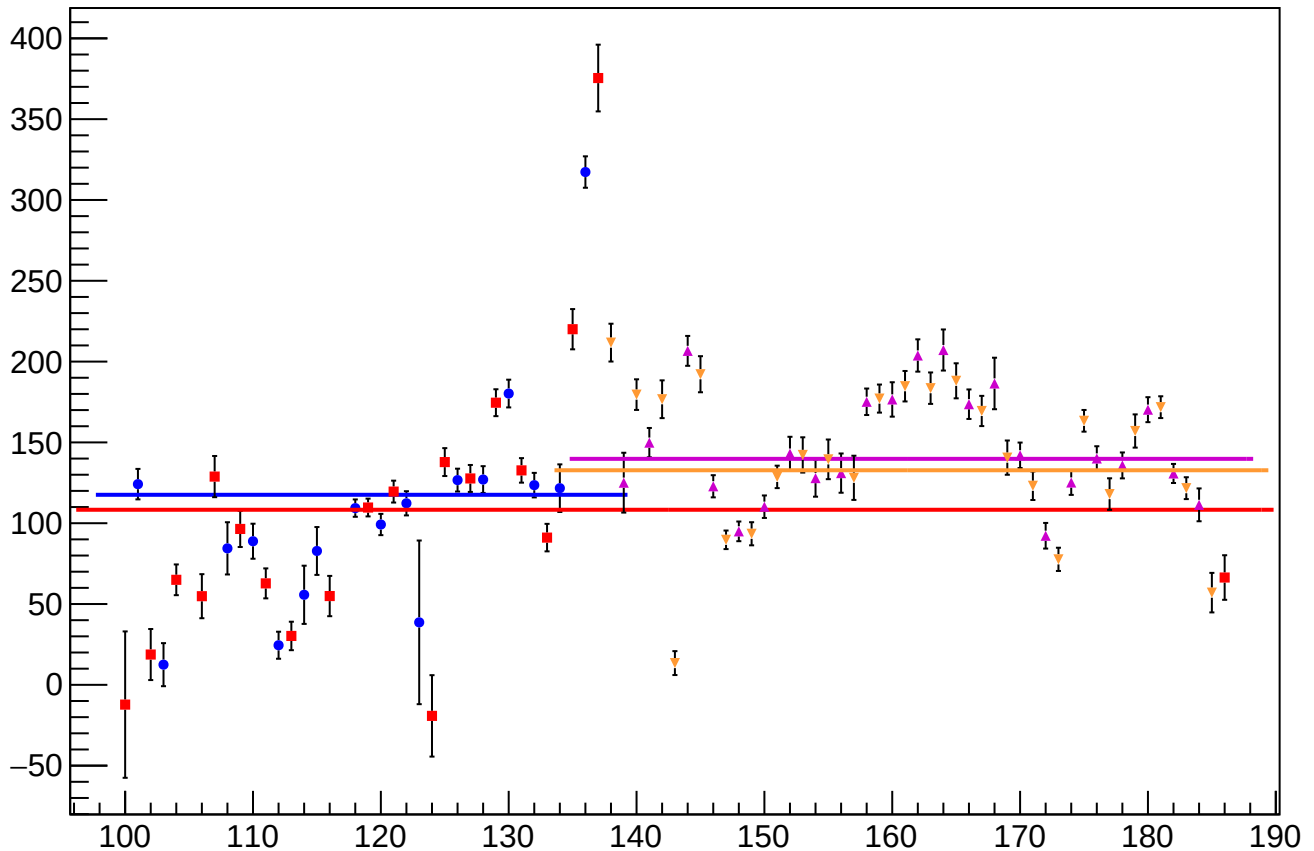
Left In: 360.355 $\pm$ 1.996 χ^2/NDF : 3449.9/22

+ sign 373.340 $\pm$ 1.731 χ^2/NDF : 7897.6/41

All: 383.223 $\pm$ 1.202 χ^2/NDF : 14573.9/84

- sign 392.415 $\pm$ 1.670 χ^2/NDF : 6613.4/42

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 $\pm$ 2.193 χ^2/NDF : 706.9/16

Left Out: 132.762 $\pm$ 1.736 χ^2/NDF : 749.6/24

Right Out: 108.323 $\pm$ 2.182 χ^2/NDF : 580.7/19

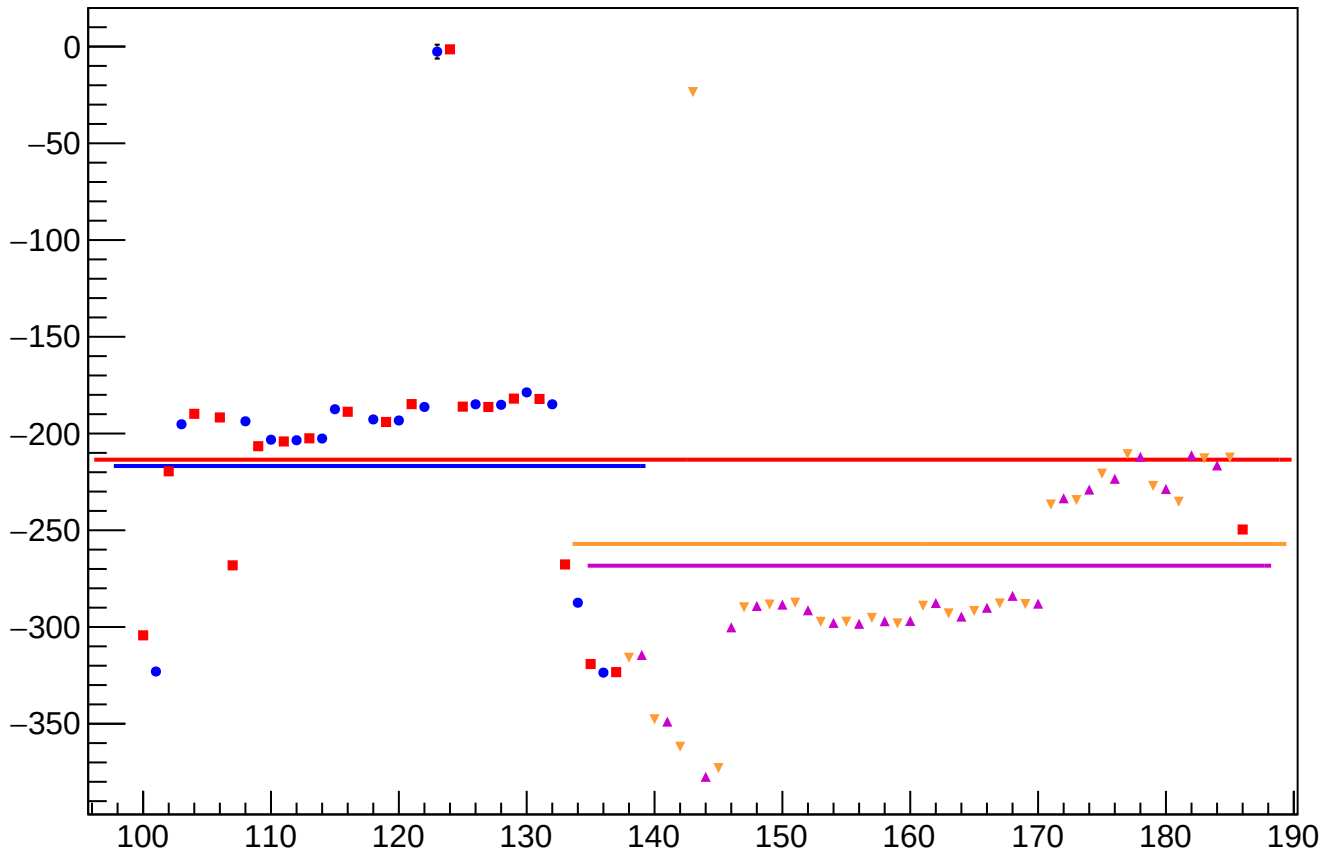
Left In: 139.828 $\pm$ 1.790 χ^2/NDF : 321.7/22

+ sign 126.916 $\pm$ 1.361 χ^2/NDF : 1485.9/41

All: 127.035 $\pm$ 0.970 χ^2/NDF : 2512.9/84

- sign 127.157 $\pm$ 1.384 χ^2/NDF : 1027.0/42

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 χ^2/NDF : 146976.1/16

Left Out: -257.067 ± 0.082 χ^2/NDF : 665762.3/24

Right Out: -213.516 ± 0.129 χ^2/NDF : 117797.6/19

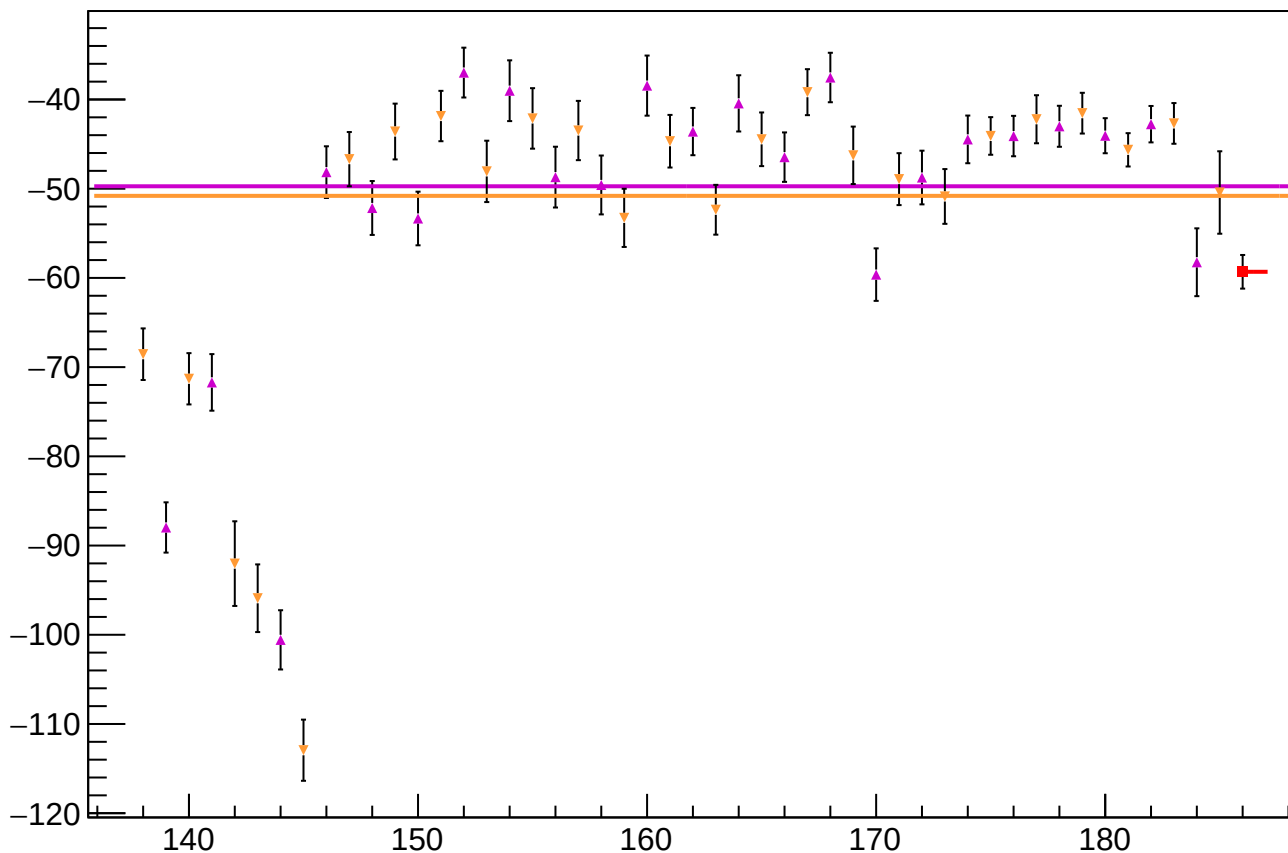
Left In: -268.305 ± 0.083 χ^2/NDF : 264853.3/22

+ sign -246.236 ± 0.070 χ^2/NDF : 877169.3/41

All: -249.230 ± 0.050 χ^2/NDF : 1390756.7/84

- sign -252.191 ± 0.070 χ^2/NDF : 509984.8/42

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 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

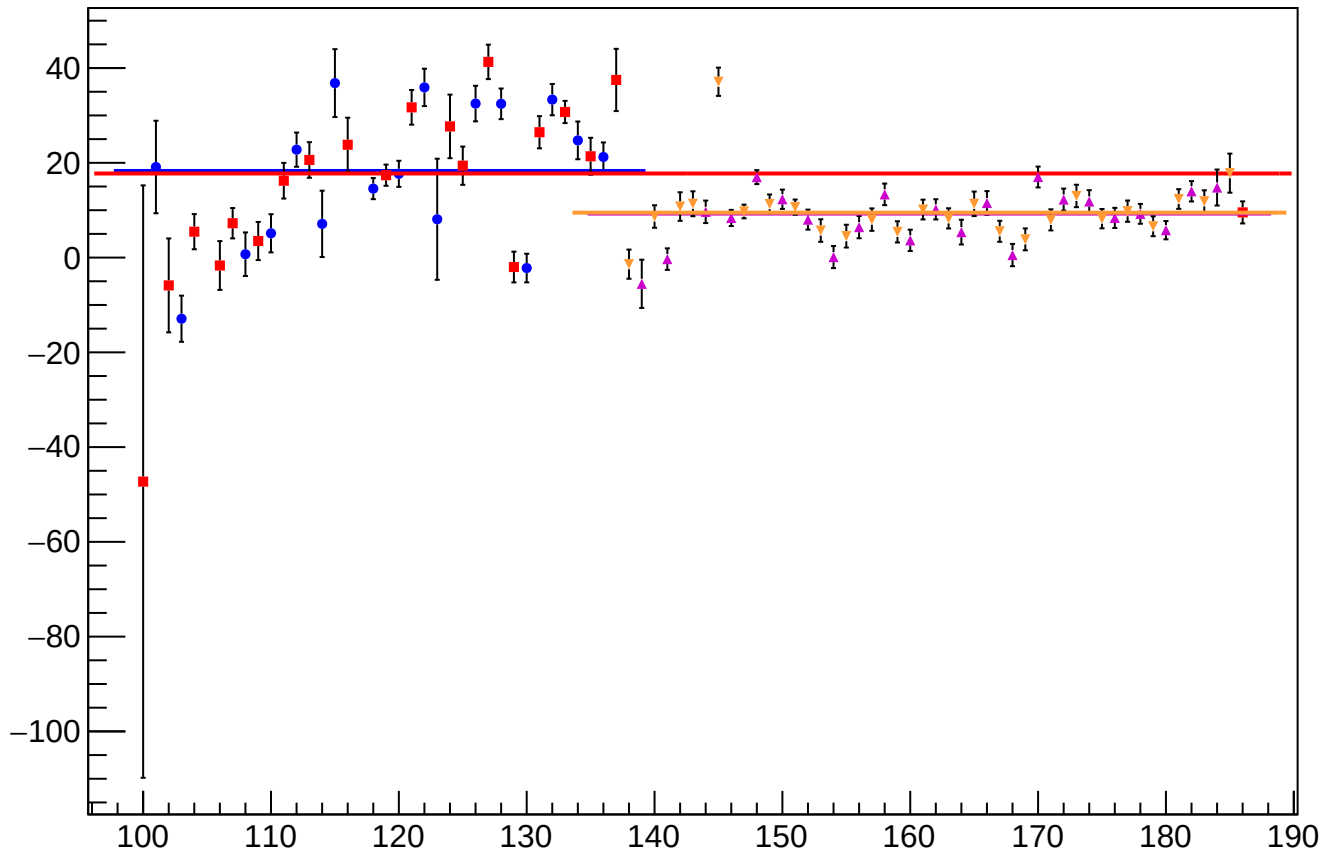
Left In: -49.728 ± 0.581 χ^2/NDF : 601.0/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.677 ± 0.399 χ^2/NDF : 1377.3/48

- sign -50.560 ± 0.556 χ^2/NDF : 624.6/23

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 9.483 ± 0.447 χ^2/NDF : 133.0/24

Right Out: 17.748 ± 0.810 χ^2/NDF : 212.6/19

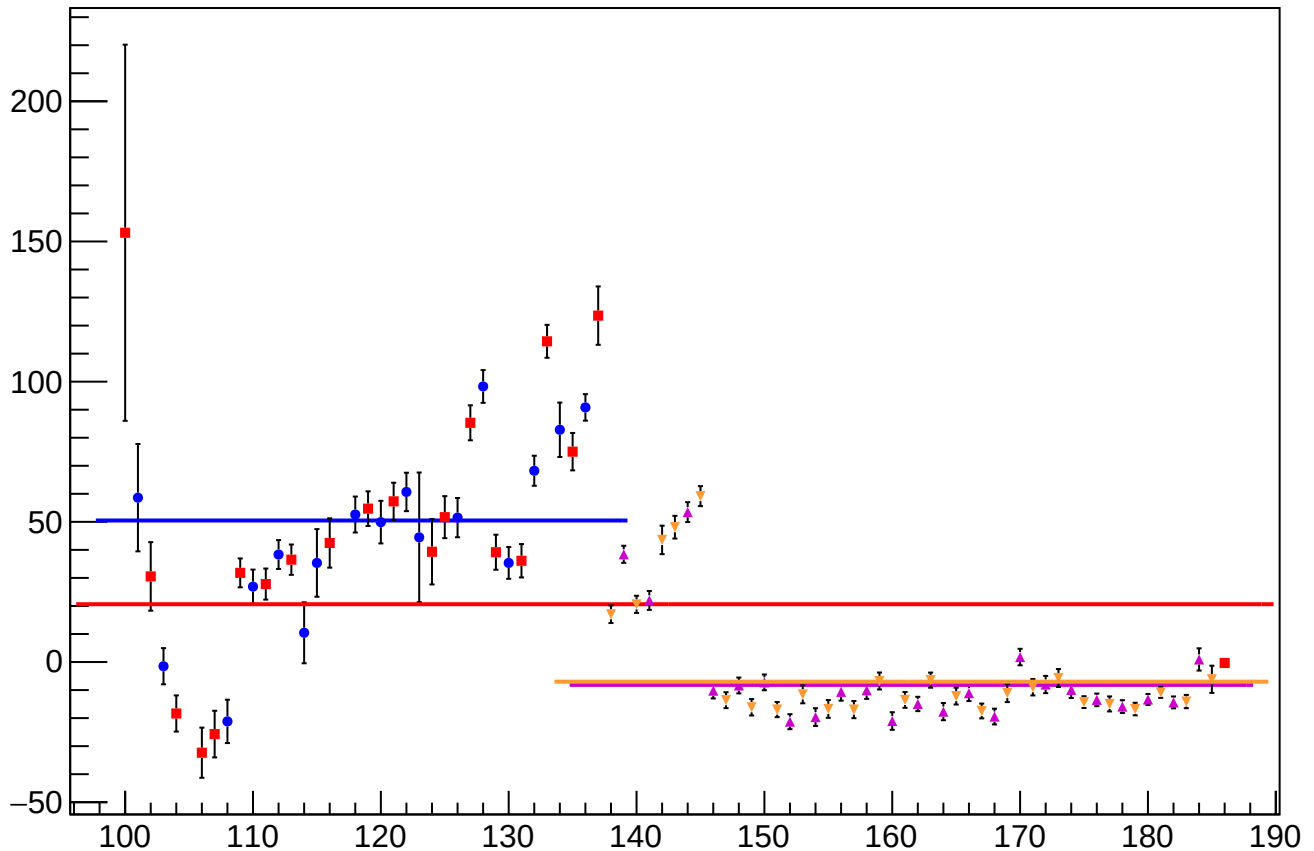
Left In: 9.289 ± 0.461 χ^2/NDF : 125.6/22

+ sign 11.206 ± 0.401 χ^2/NDF : 413.5/41

All: 11.280 ± 0.283 χ^2/NDF : 834.2/84

- sign 11.355 ± 0.400 χ^2/NDF : 420.6/42

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

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

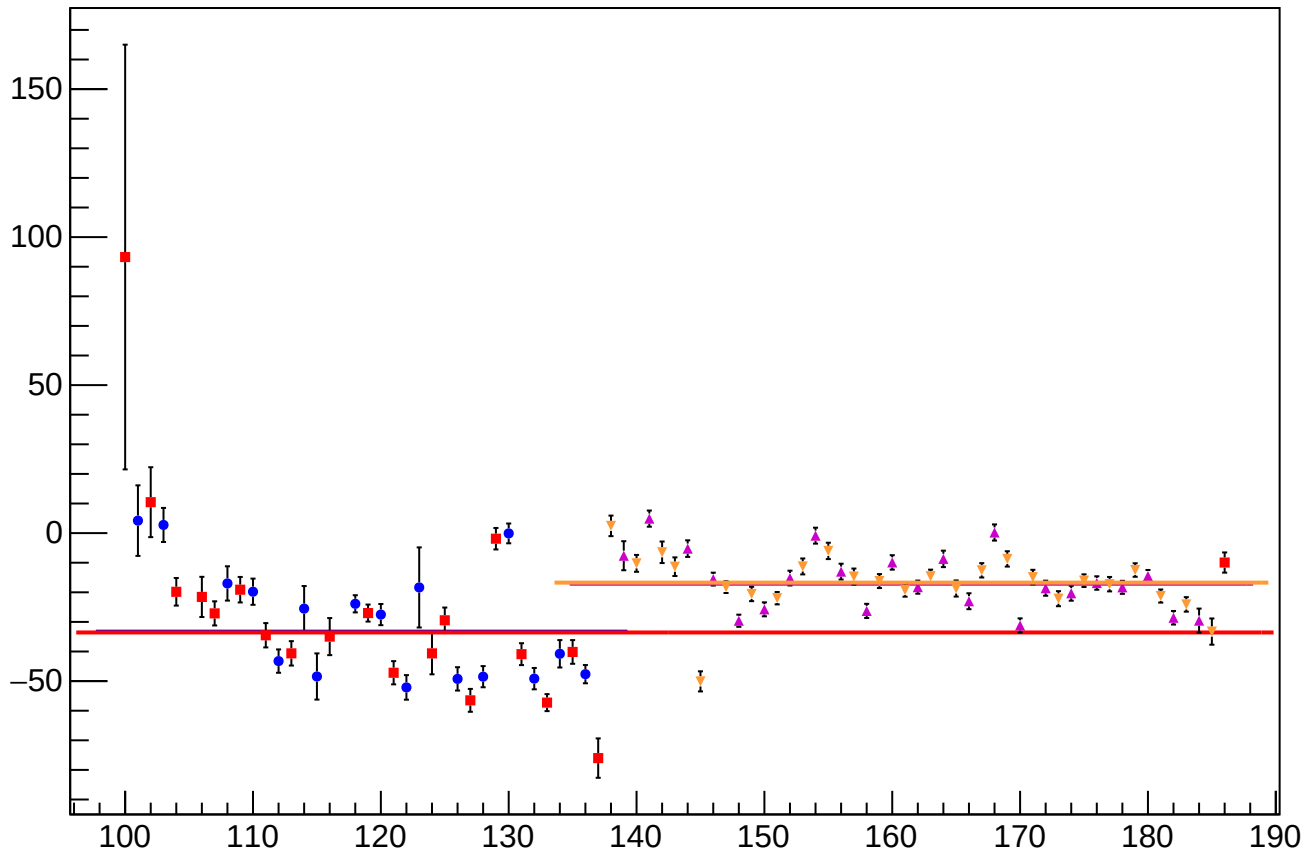
Left In: -8.158 $\pm$ 0.578 χ^2 /NDF: 753.9/22

+ sign -0.959 $\pm$ 0.541 χ^2 /NDF: 2320.1/41

All: -1.471 $\pm$ 0.372 χ^2 /NDF: 4556.9/84

- sign -1.928 $\pm$ 0.511 χ^2 /NDF: 2235.1/42

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.727 ± 0.508 χ^2/NDF : 223.3/24

Right Out: -33.566 ± 0.953 χ^2/NDF : 339.7/19

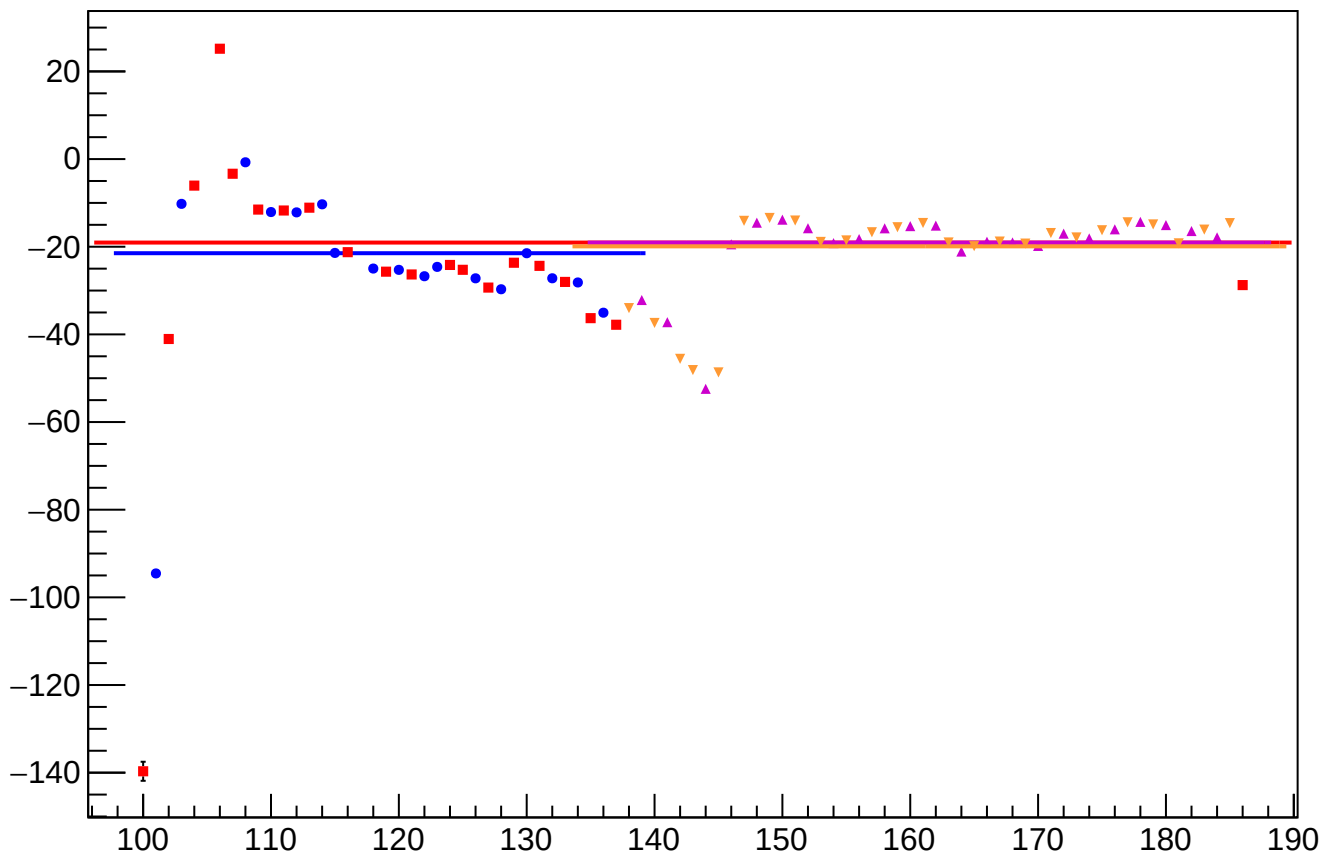
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ sign -19.950 ± 0.456 χ^2/NDF : 719.5/41

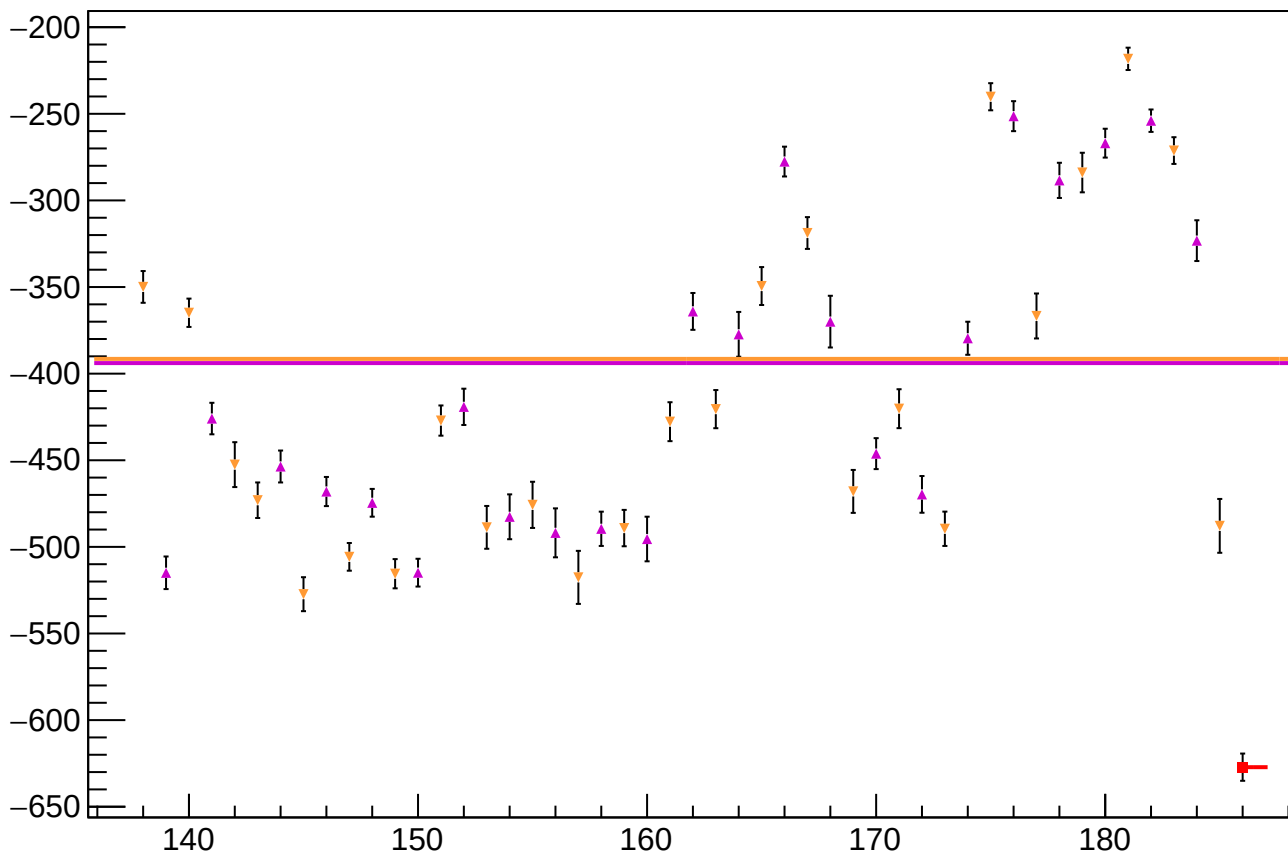
All: -20.416 ± 0.323 χ^2/NDF : 1619.3/84

- sign -20.883 ± 0.457 χ^2/NDF : 897.7/42

reg_asym_atr1_diff_bpm12X_slope vs Slug



reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -391.476 $\pm$ 1.973 χ^2 /NDF:2708.6/24

Right Out: -627.170 $\pm$ 7.862 χ^2 /NDF: 0.0/0

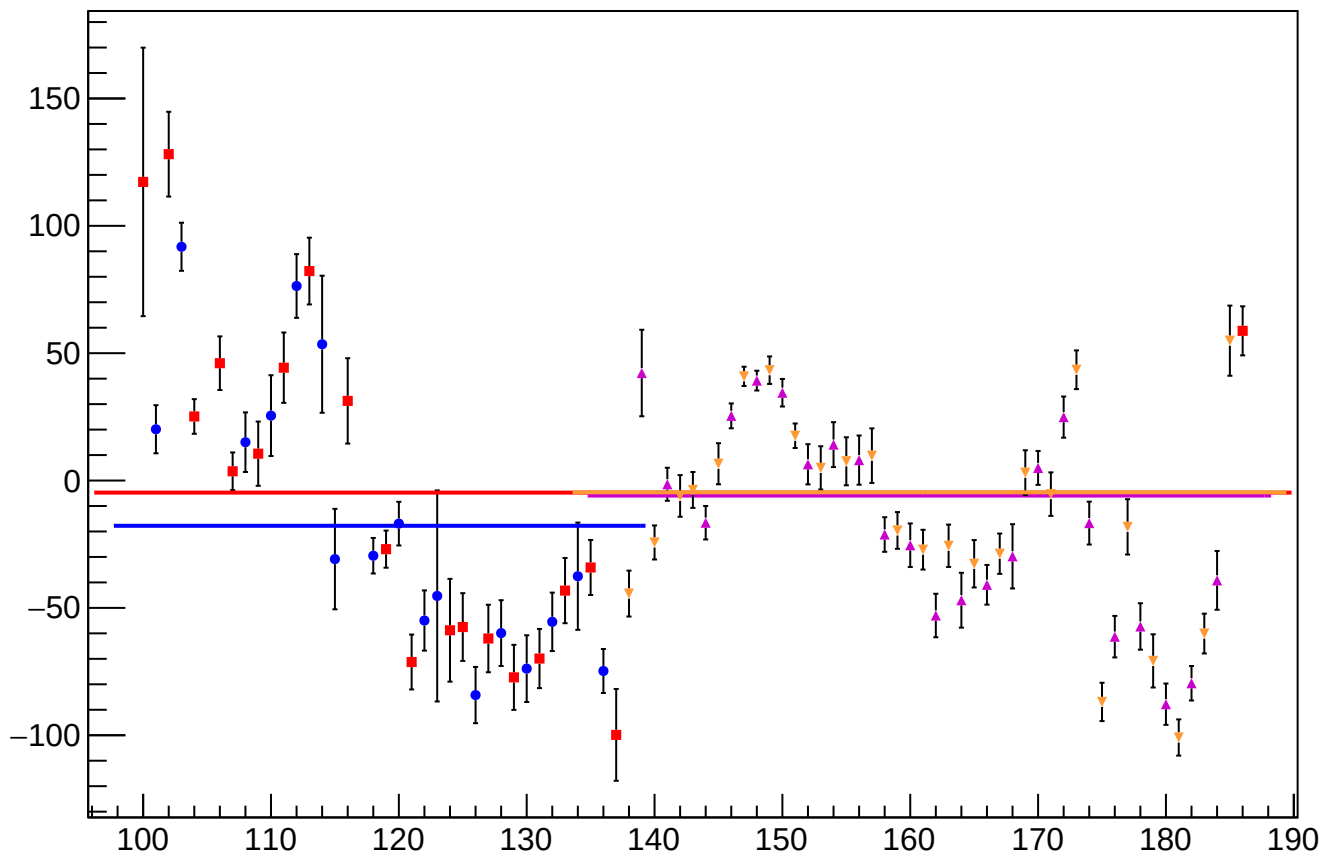
Left In: -393.904 $\pm$ 1.998 χ^2 /NDF:2280.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -399.917 $\pm$ 1.382 χ^2 /NDF: 5852.2/48

- sign -408.052 $\pm$ 1.936 χ^2 /NDF: 3107.6/23

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: -4.635 ± 1.467 χ^2/NDF : 771.4/24

Right Out: -4.738 ± 2.522 χ^2/NDF : 416.3/19

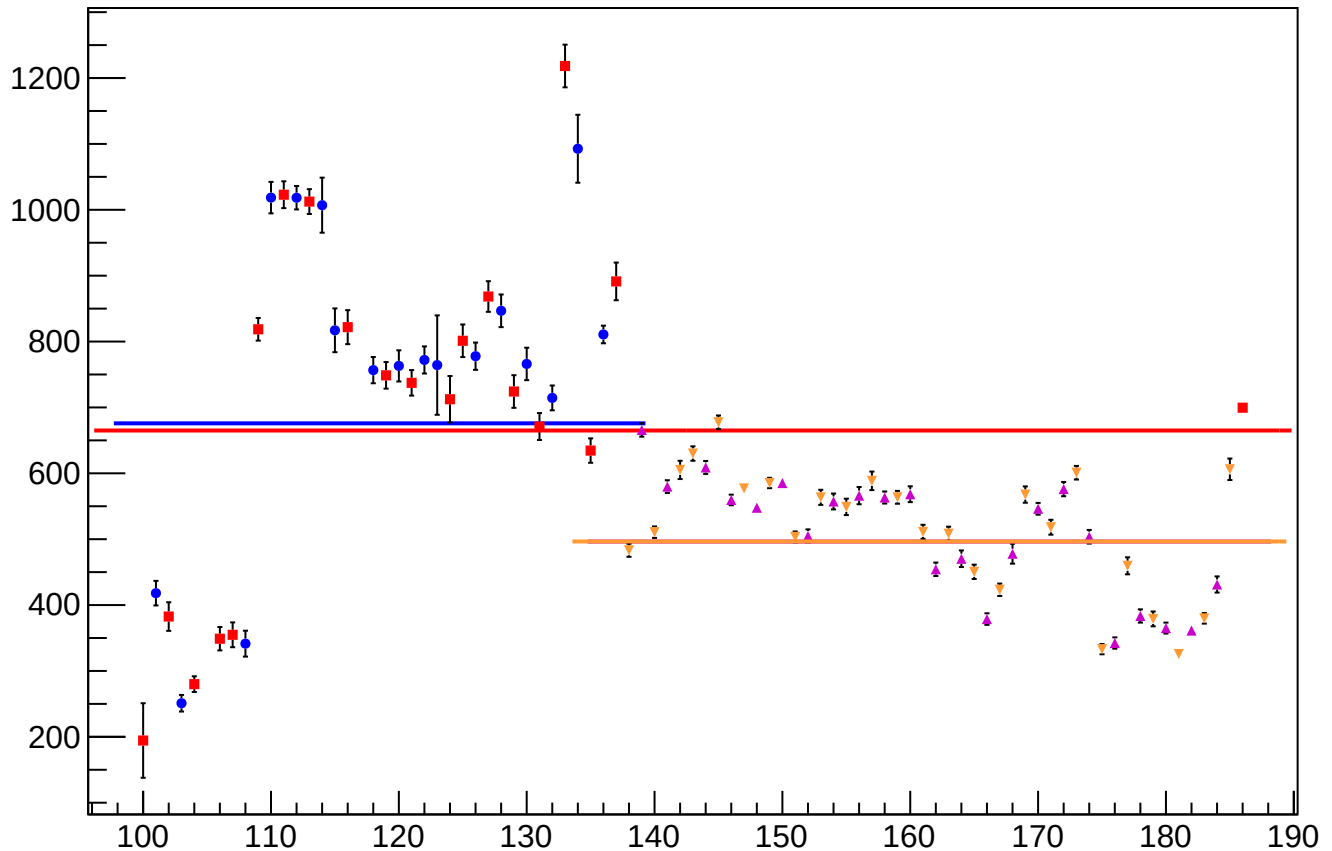
Left In: -5.906 ± 1.513 χ^2/NDF : 657.5/22

+ sign -7.494 ± 1.298 χ^2/NDF : 1152.7/41

All: -6.545 ± 0.918 χ^2/NDF : 2227.8/84

- sign -5.597 ± 1.298 χ^2/NDF : 1074.0/42

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 ± 5.037 χ^2/NDF : 2586.4/16

Left Out: 496.535 ± 1.971 χ^2/NDF : 2589.1/24

Right Out: 664.983 ± 3.791 χ^2/NDF : 3171.4/19

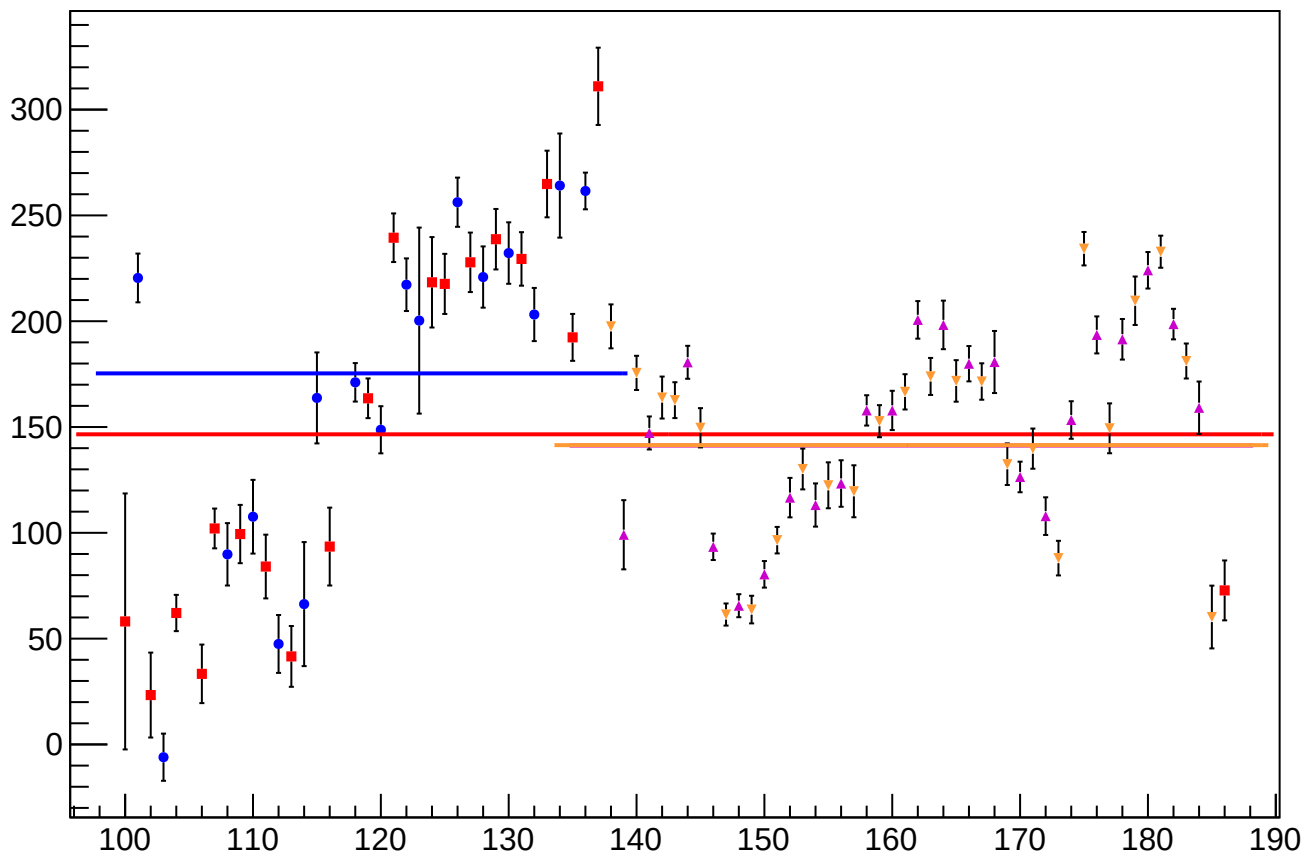
Left In: 496.393 ± 1.985 χ^2/NDF : 2295.8/22

+ sign 520.350 ± 1.836 χ^2/NDF : 6274.7/41

All: 526.778 ± 1.270 χ^2/NDF : 13317.2/84

- sign 532.679 ± 1.759 χ^2/NDF : 7019.0/42

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

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

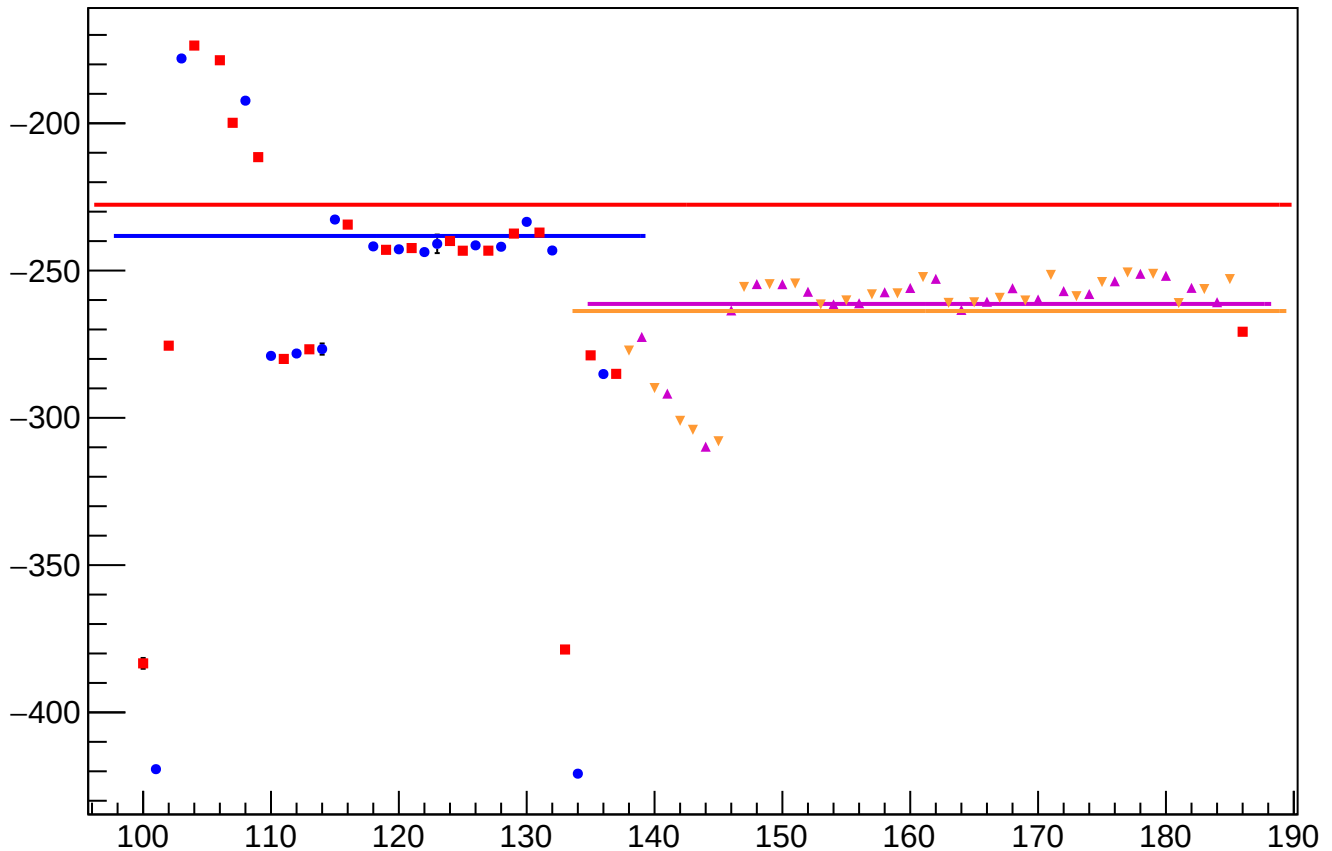
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF: 744.2/22

+ sign 148.912 $\pm$ 1.504 χ^2 /NDF: 1683.5/41

All: 145.758 $\pm$ 1.064 χ^2 /NDF: 3160.5/84

- sign 142.603 $\pm$ 1.505 χ^2 /NDF: 1468.1/42

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 ± 0.160 $\chi^2/\text{NDF}: 167125.9/16$

Left Out: -263.734 ± 0.081 $\chi^2/\text{NDF}: 37922.0/24$

Right Out: -227.651 ± 0.149 $\chi^2/\text{NDF}: 104654.2/19$

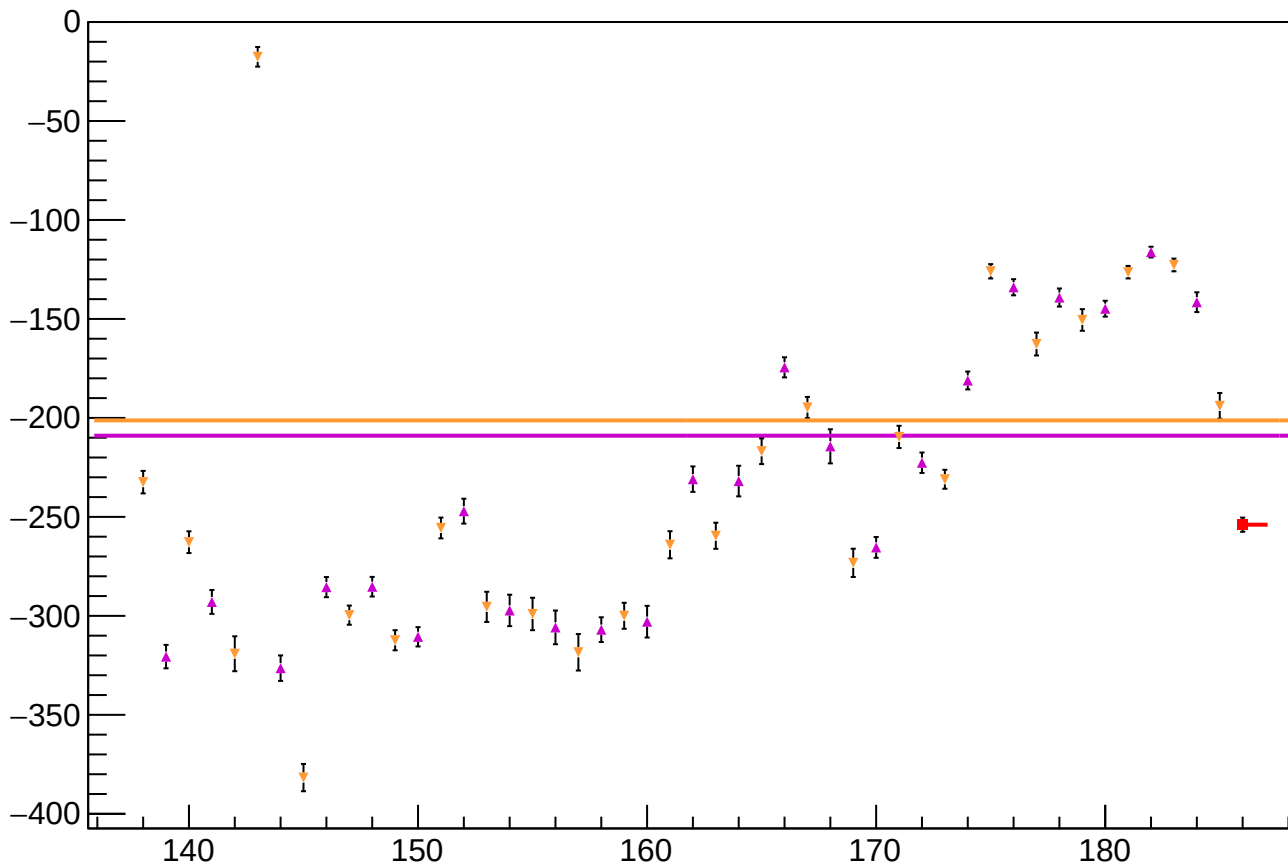
Left In: -261.325 ± 0.082 $\chi^2/\text{NDF}: 23449.2/22$

+ sign -258.483 ± 0.073 $\chi^2/\text{NDF}: 225212.7/41$

All: -256.003 ± 0.051 $\chi^2/\text{NDF}: 394713.1/84$

- sign -253.586 ± 0.072 $\chi^2/\text{NDF}: 167196.0/42$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -201.261+/-1.065 χ^2/NDF : 6110.1/24

Right Out: -253.947+/-3.589 χ^2/NDF : 0.0/0

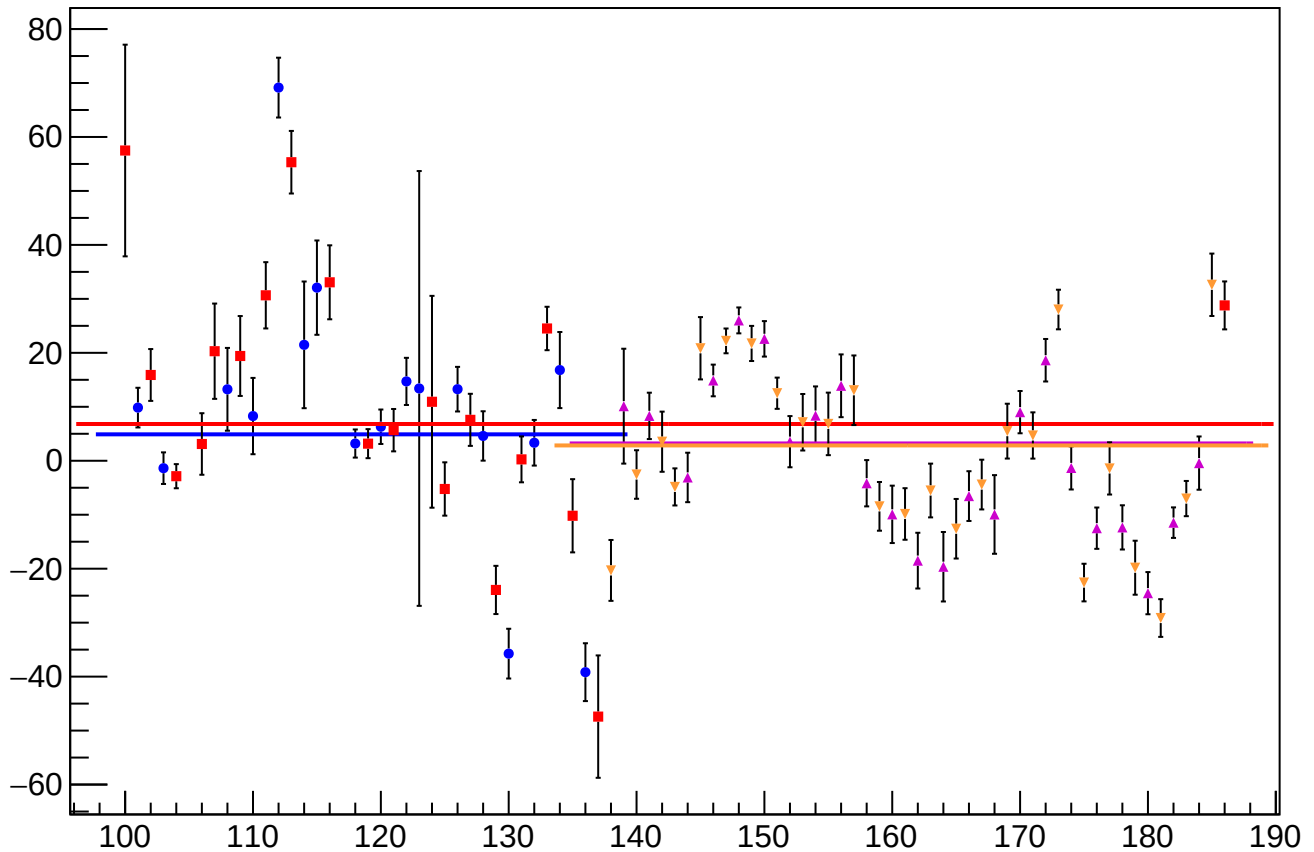
Left In: -208.981+/-1.078 χ^2/NDF : 4865.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.161+/-0.741 χ^2/NDF : 11178.7/48

- sign -212.702+/-1.033 χ^2/NDF : 5009.2/23

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 ± 1.089 $\chi^2/\text{NDF}: 312.0/16$

Left Out: 2.841 ± 0.824 $\chi^2/\text{NDF}: 420.6/24$

Right Out: 6.812 ± 1.041 $\chi^2/\text{NDF}: 265.0/19$

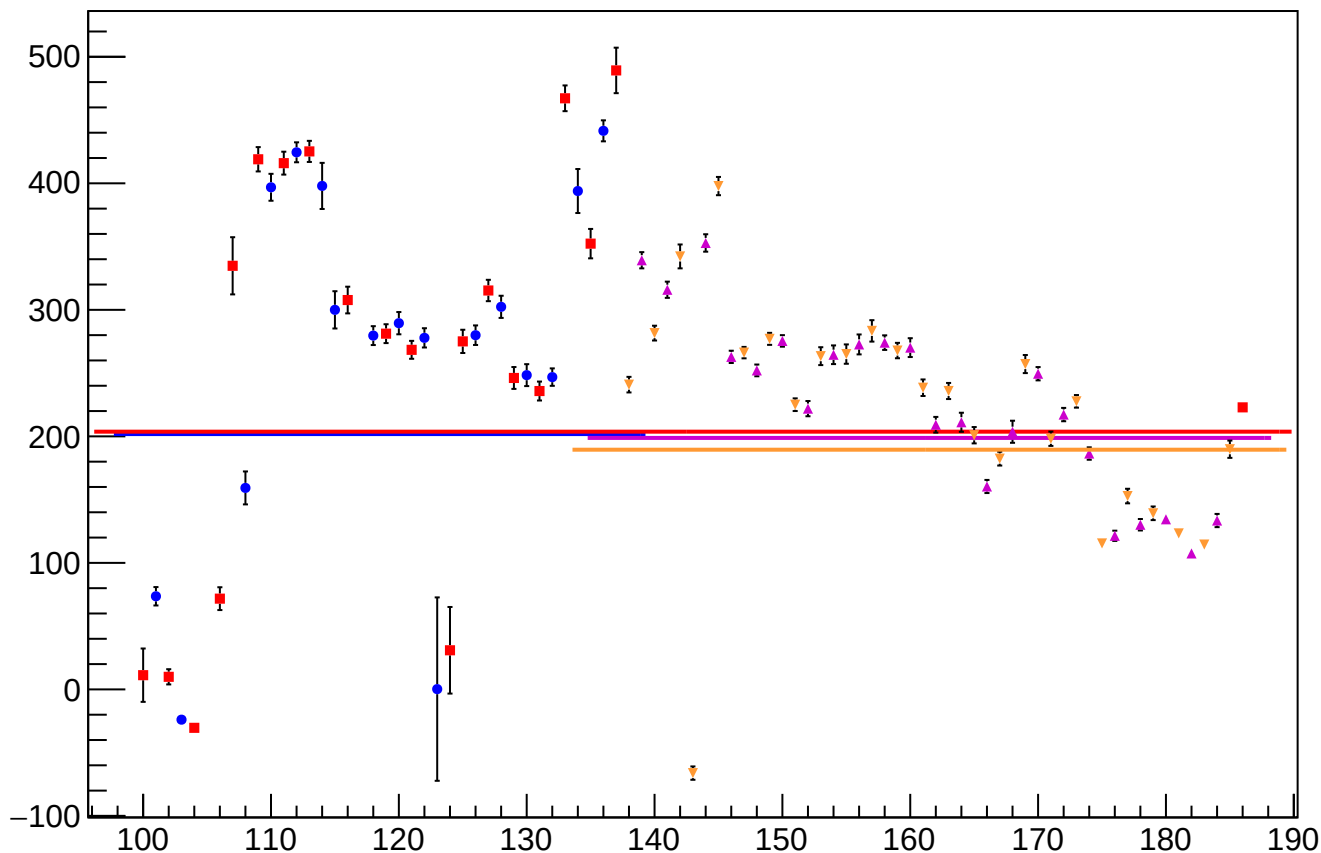
Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

+ sign 3.589 ± 0.657 $\chi^2/\text{NDF}: 734.8/41$

All: 4.121 ± 0.466 $\chi^2/\text{NDF}: 1332.2/84$

- sign 4.658 ± 0.661 $\chi^2/\text{NDF}: 596.0/42$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

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

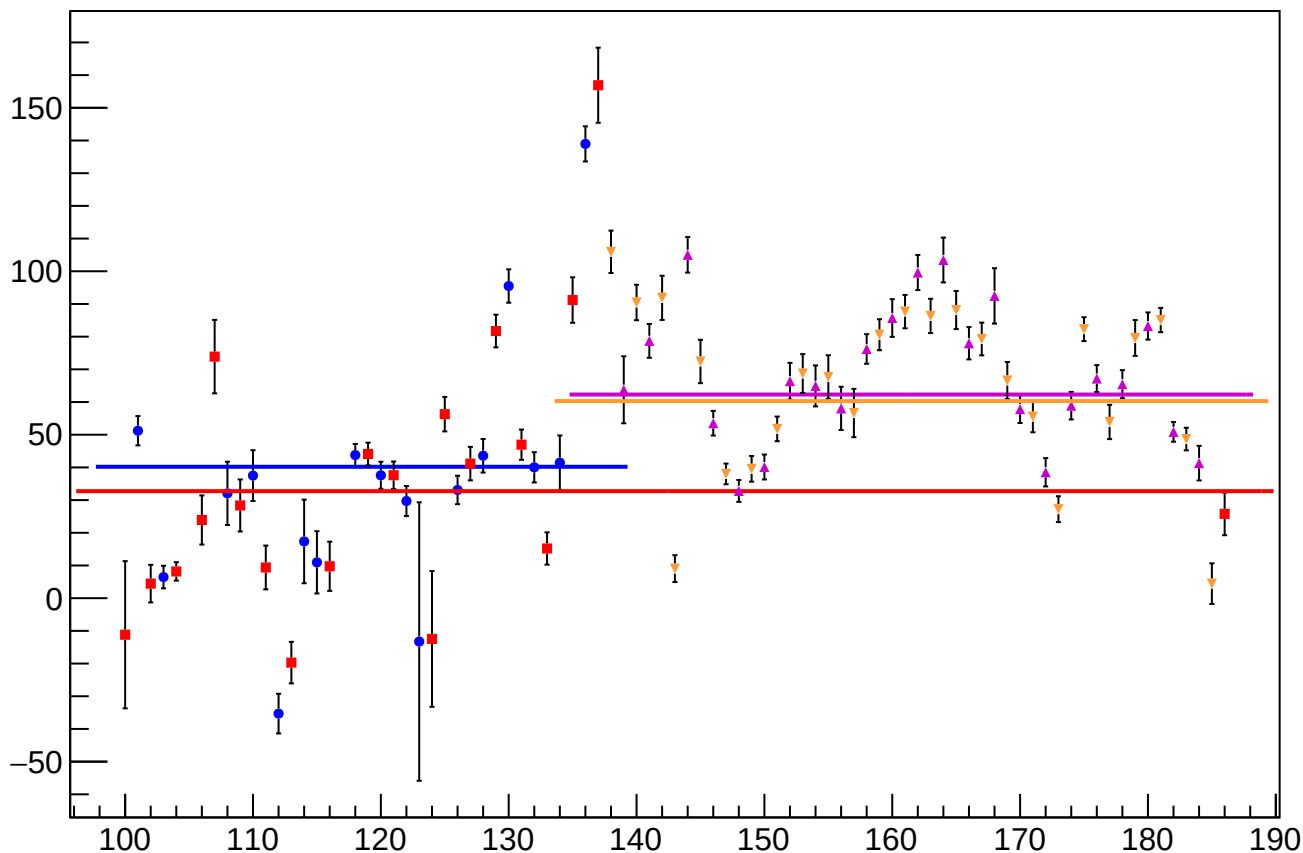
Left In: 198.762 $\pm$ 1.078 χ^2 /NDF:4590.0/22

+ sign 192.265 $\pm$ 0.940 χ^2 /NDF: 13434.3/41

All: 196.491 $\pm$ 0.648 χ^2 /NDF: 26391.6/84

- sign 200.309 $\pm$ 0.894 χ^2 /NDF: 12918.8/42

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 60.287 $\pm$ 0.945 χ^2 /NDF: 714.8/24

Right Out: 32.743 $\pm$ 1.230 χ^2 /NDF: 555.3/19

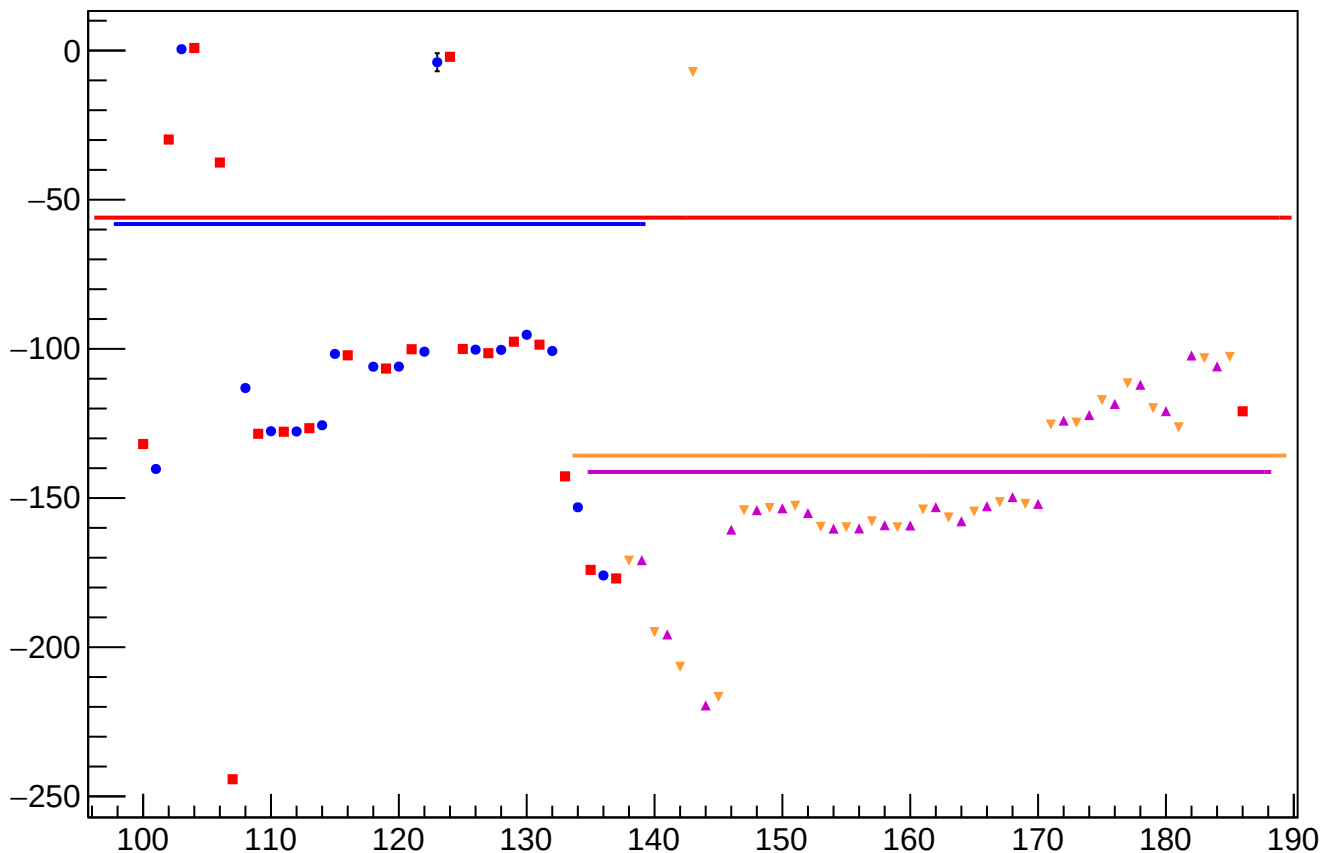
Left In: 62.290 $\pm$ 0.971 χ^2 /NDF: 411.6/22

+ sign 53.109 $\pm$ 0.758 χ^2 /NDF: 1611.3/41

All: 52.033 $\pm$ 0.537 χ^2 /NDF: 2937.6/84

- sign 50.943 $\pm$ 0.762 χ^2 /NDF: 1322.3/42

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -135.775 ± 0.045 $\chi^2/\text{NDF}: 742021.1/24$

Right Out: -56.014 ± 0.060 $\chi^2/\text{NDF}: 1023903.9/19$

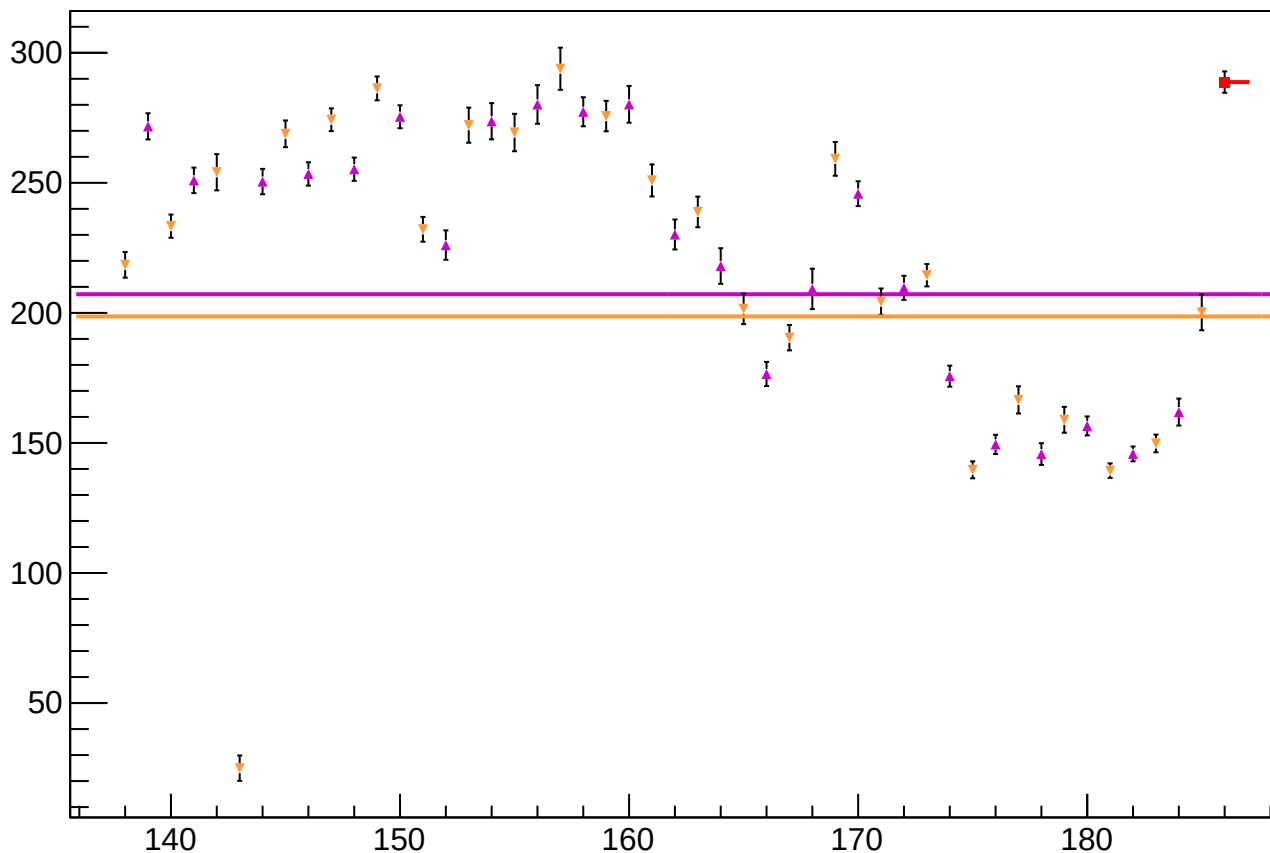
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -109.008 ± 0.036 $\chi^2/\text{NDF}: 2888650.3/41$

All: -109.653 ± 0.026 $\chi^2/\text{NDF}: 5560705.6/84$

- sign -110.292 ± 0.036 $\chi^2/\text{NDF}: 2671422.5/42$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 198.637+/-0.966 χ^2/NDF : 4146.6/24

Right Out: 288.742+/-4.111 χ^2/NDF : 0.0/0

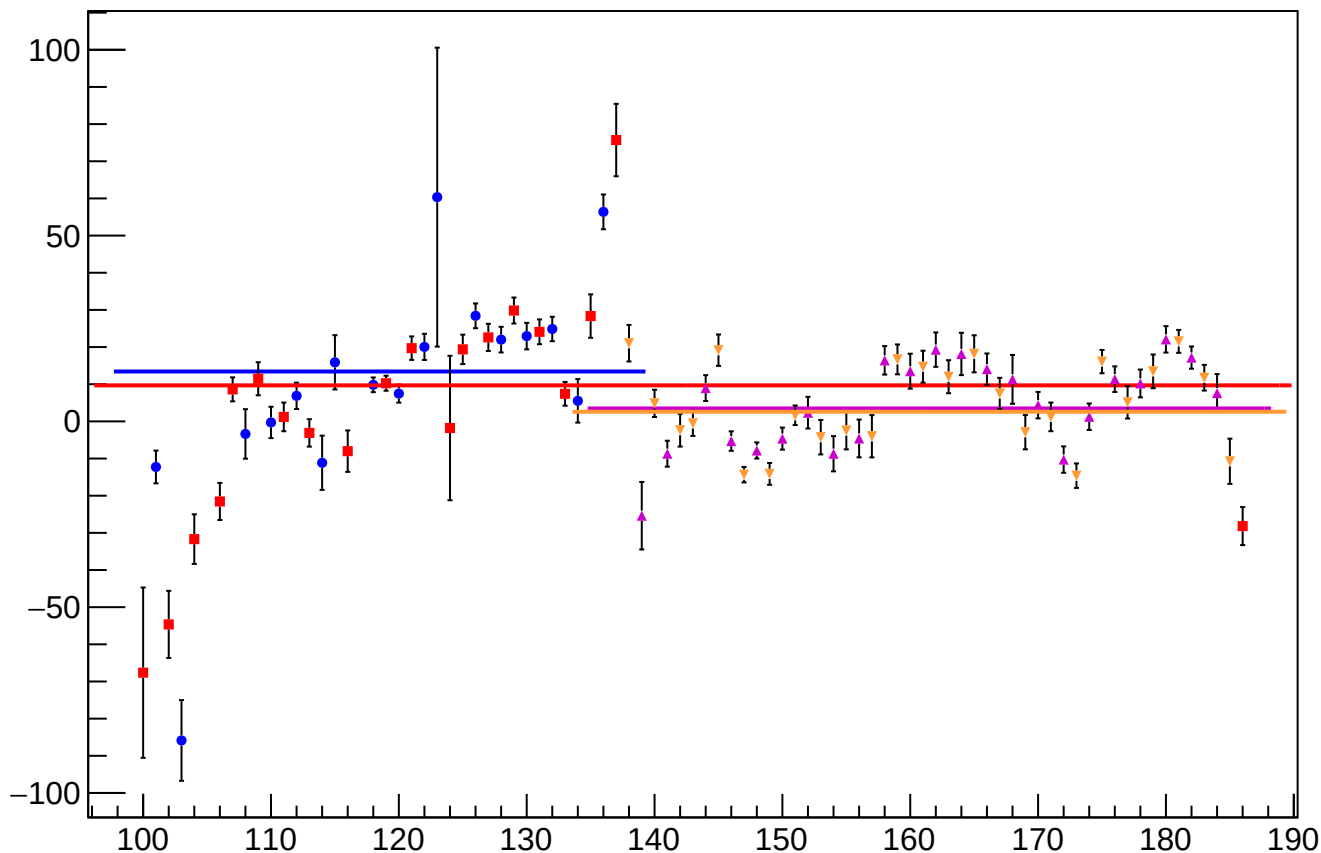
Left In: 207.171+/-0.986 χ^2/NDF : 2631.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.172+/-0.681 χ^2/NDF : 7241.3/48

- sign 211.609+/-0.959 χ^2/NDF : 3003.9/23

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423 $\pm$ 0.920 χ^2 /NDF: 295.2/16

Left Out: 2.595 $\pm$ 0.744 χ^2 /NDF: 274.3/24

Right Out: 9.695 $\pm$ 0.902 χ^2 /NDF: 359.1/19

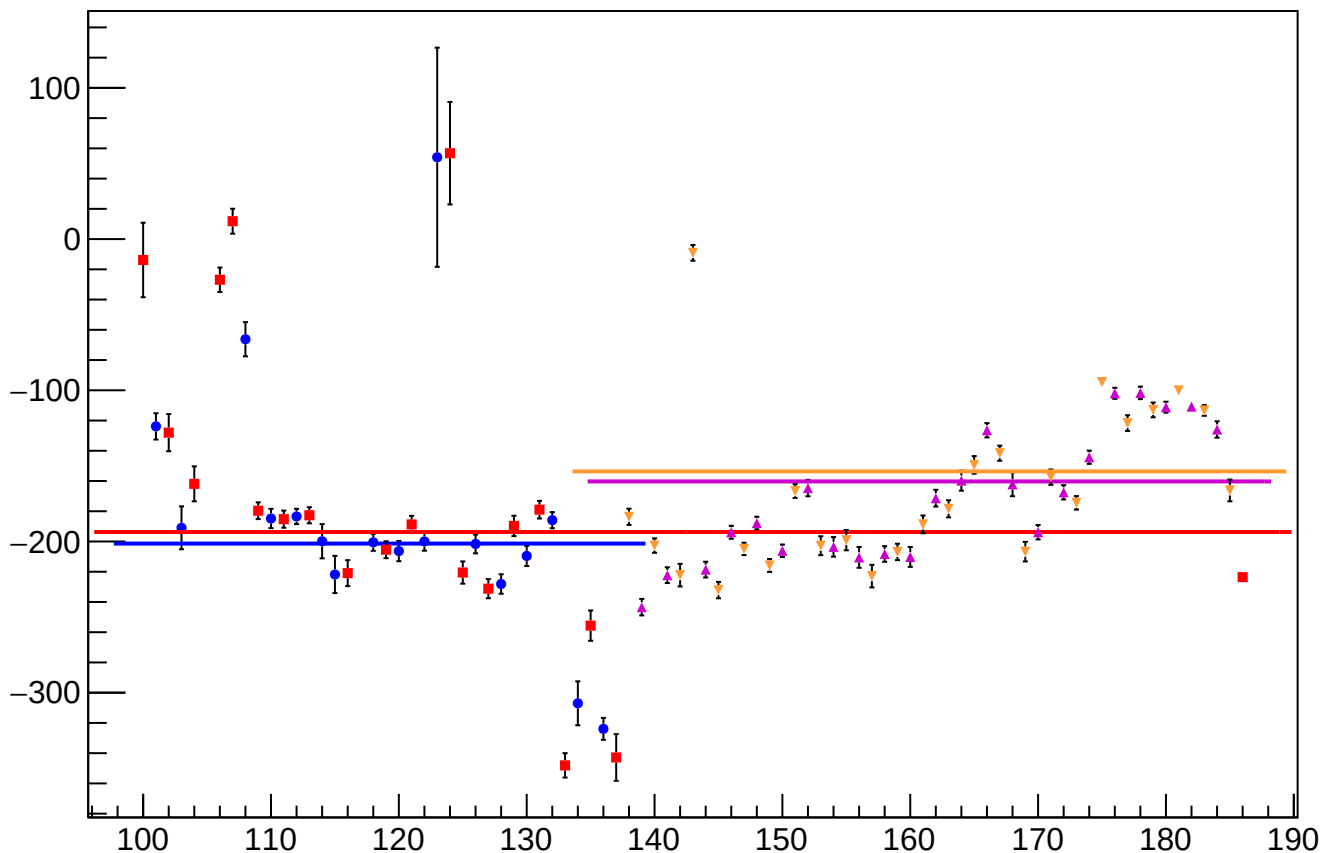
Left In: 3.478 $\pm$ 0.772 χ^2 /NDF: 194.7/22

+ sign 6.879 $\pm$ 0.578 χ^2 /NDF: 653.3/41

All: 6.498 $\pm$ 0.412 χ^2 /NDF: 1235.4/84

- sign 6.107 $\pm$ 0.586 χ^2 /NDF: 581.2/42

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -153.649 ± 0.970 χ^2/NDF : 2930.9/24

Right Out: -193.729 ± 1.510 χ^2/NDF : 1853.9/19

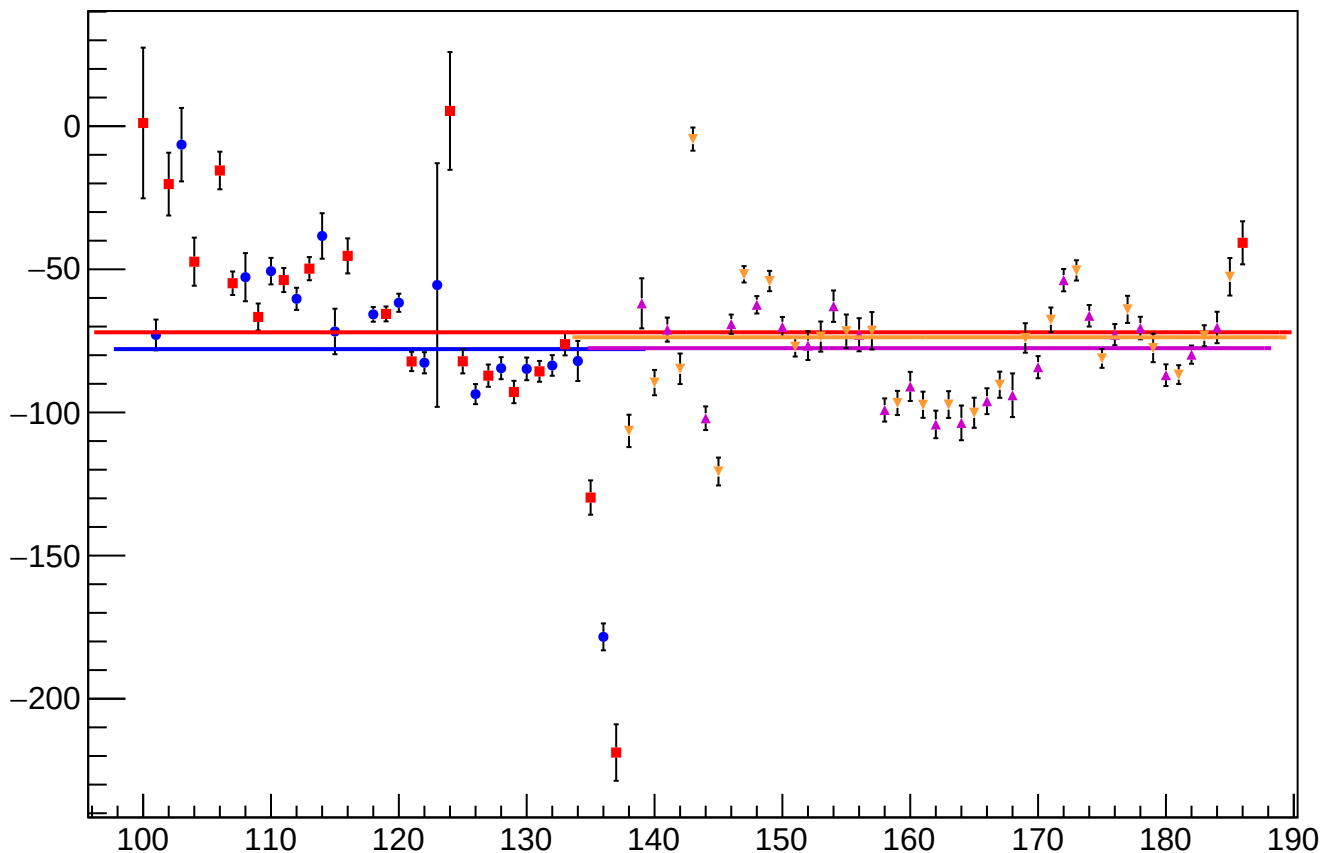
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ sign -164.581 ± 0.852 χ^2/NDF : 4109.2/41

All: -167.513 ± 0.593 χ^2/NDF : 8379.8/84

- sign -170.264 ± 0.825 χ^2/NDF : 4247.6/42

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -73.741 ± 0.855 χ^2/NDF : 728.3/24

Right Out: -71.998 ± 1.044 χ^2/NDF : 624.5/19

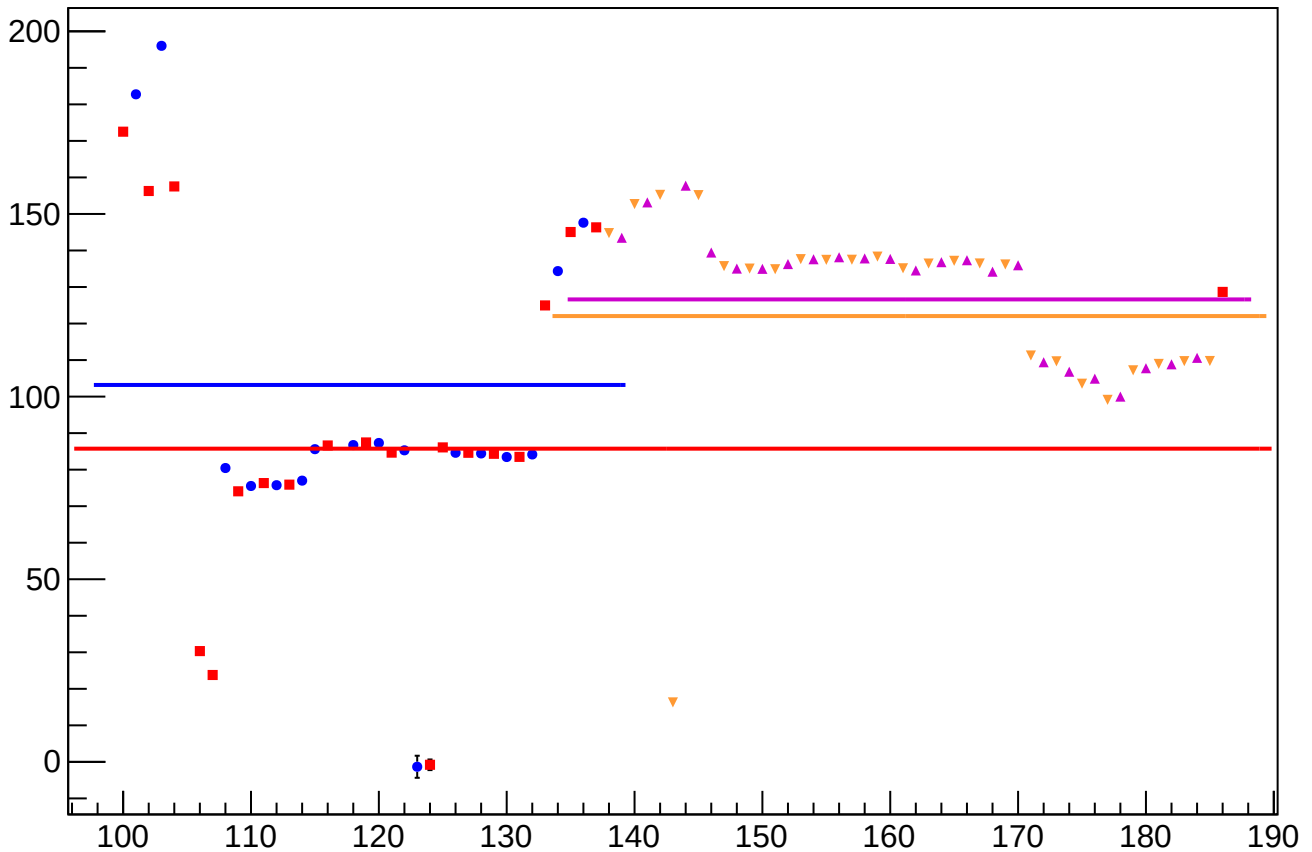
Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

+ sign -75.360 ± 0.667 χ^2/NDF : 1395.6/41

All: -75.300 ± 0.474 χ^2/NDF : 2289.4/84

- sign -75.240 ± 0.673 χ^2/NDF : 893.7/42

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2/NDF : 273587.8/16

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

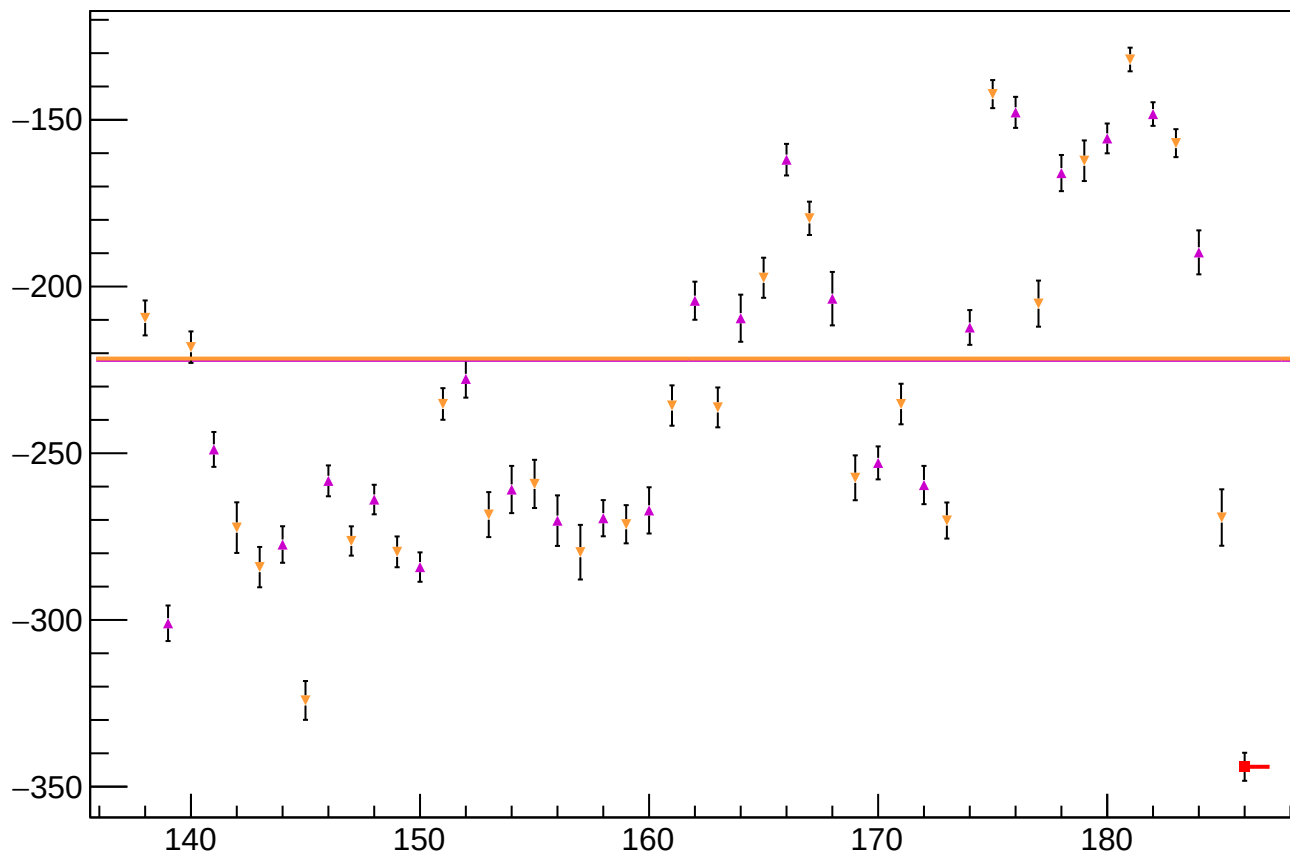
Left In: 126.605 $\pm$ 0.041 χ^2/NDF : 164757.9/22

+ sign 117.362 $\pm$ 0.035 χ^2/NDF : 765606.6/41

All: 115.936 $\pm$ 0.025 χ^2/NDF : 1658026.2/84

- sign 114.566 $\pm$ 0.034 χ^2/NDF : 889172.8/42

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 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

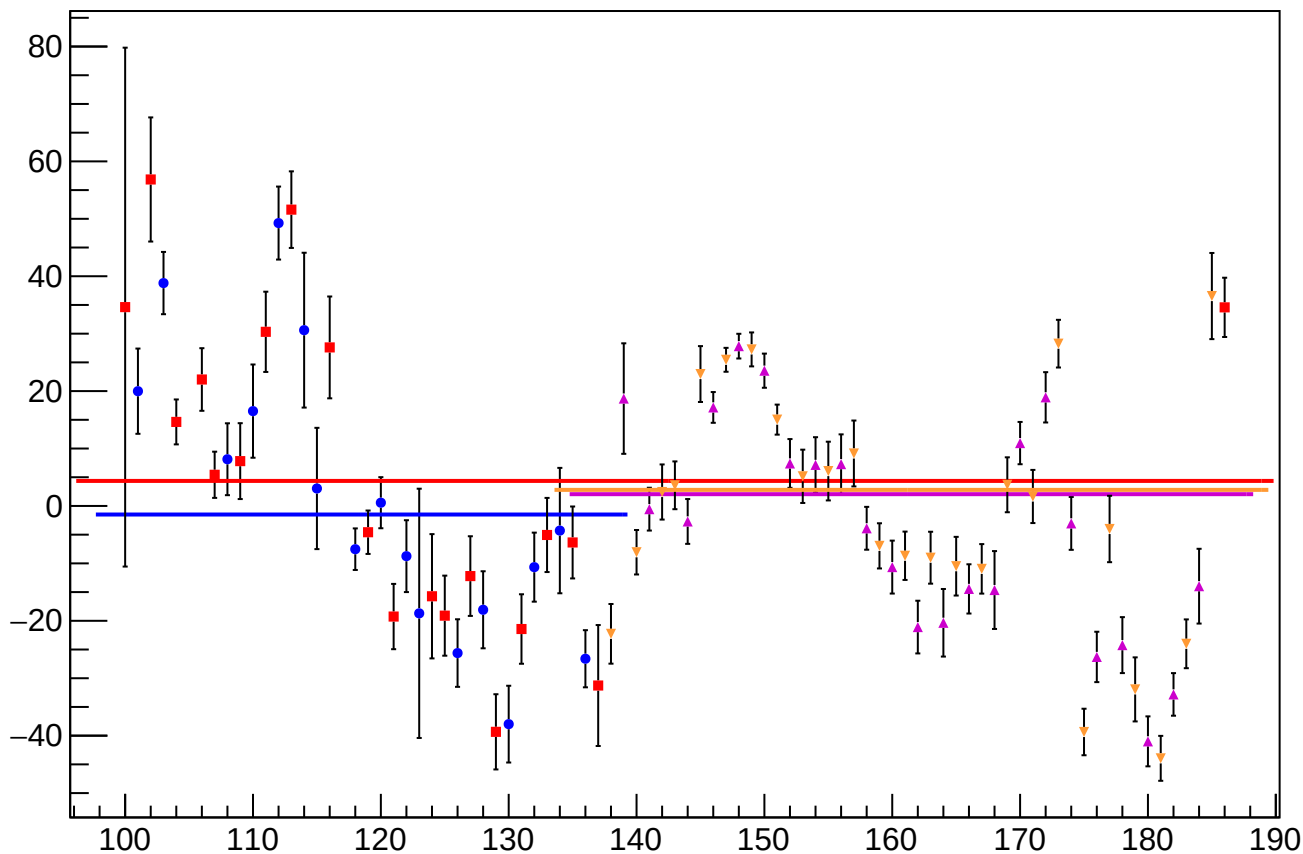
Left In: -221.980 ± 1.098 χ^2/NDF : 2190.6/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

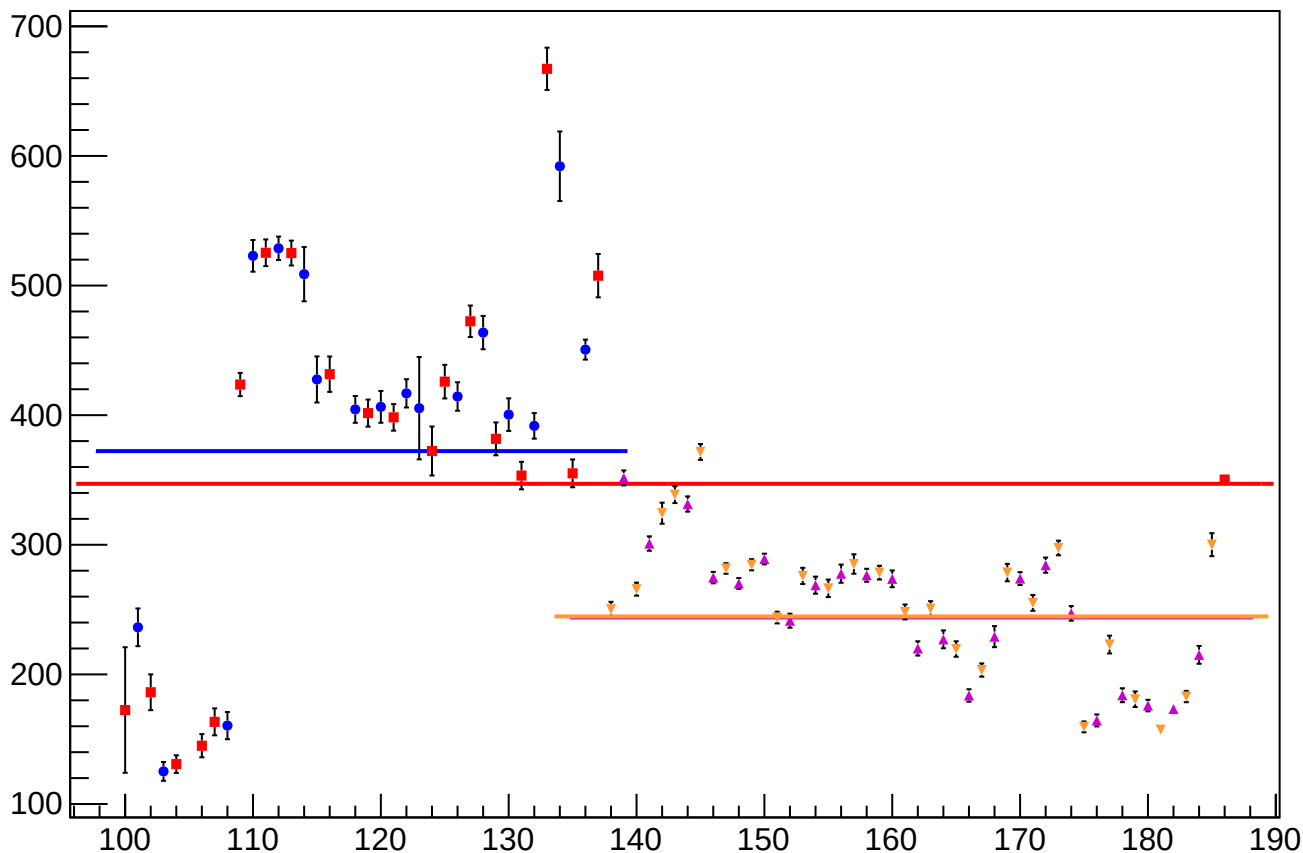
All: -225.786 ± 0.760 χ^2/NDF : 5574.6/48

- sign -229.777 ± 1.062 χ^2/NDF : 2979.8/23

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

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

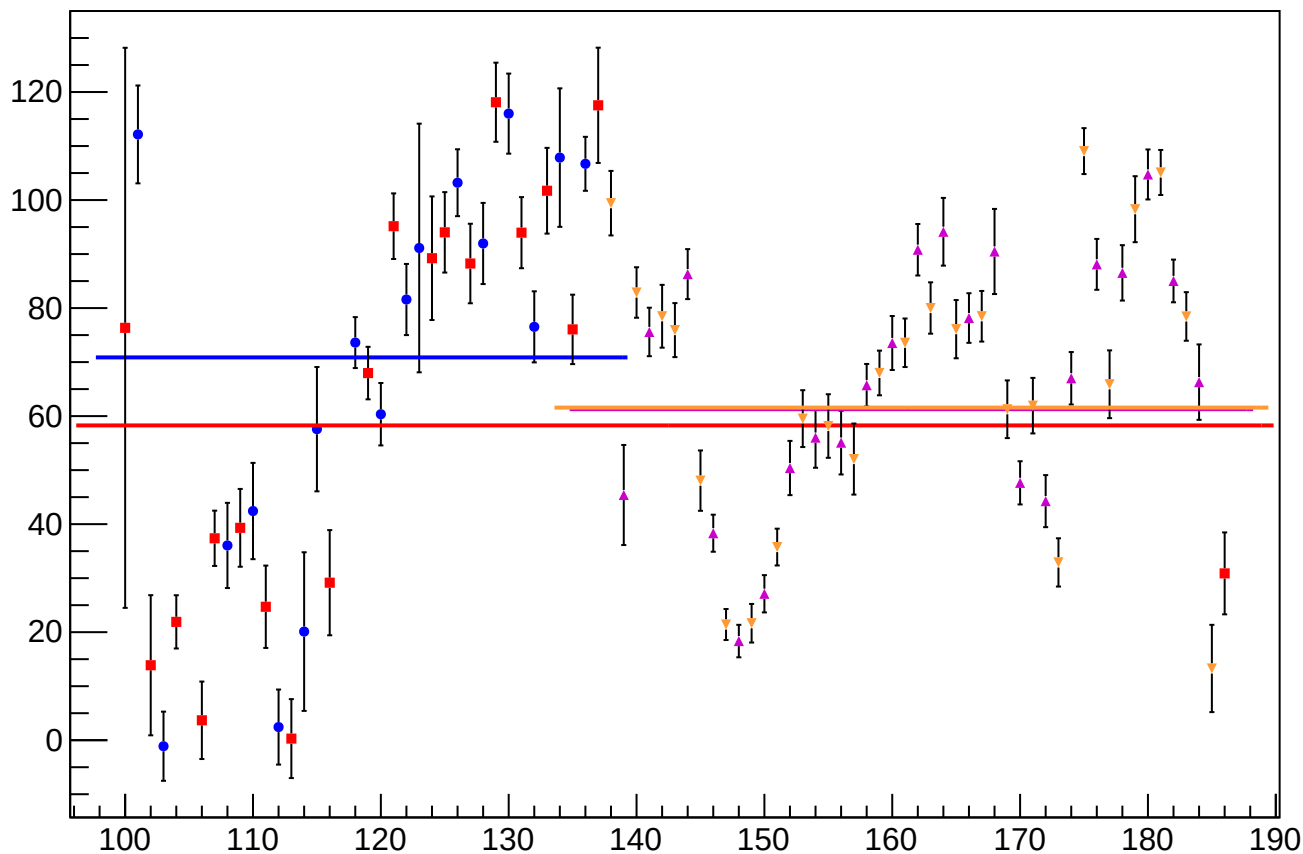
Left In: 243.933 $\pm$ 1.090 χ^2 /NDF:2294.8/22

+ sign 261.781 $\pm$ 1.009 χ^2 /NDF: 6849.4/41

All: 264.471 $\pm$ 0.696 χ^2 /NDF: 14569.4/84

- sign 266.908 $\pm$ 0.961 χ^2 /NDF: 7706.5/42

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

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

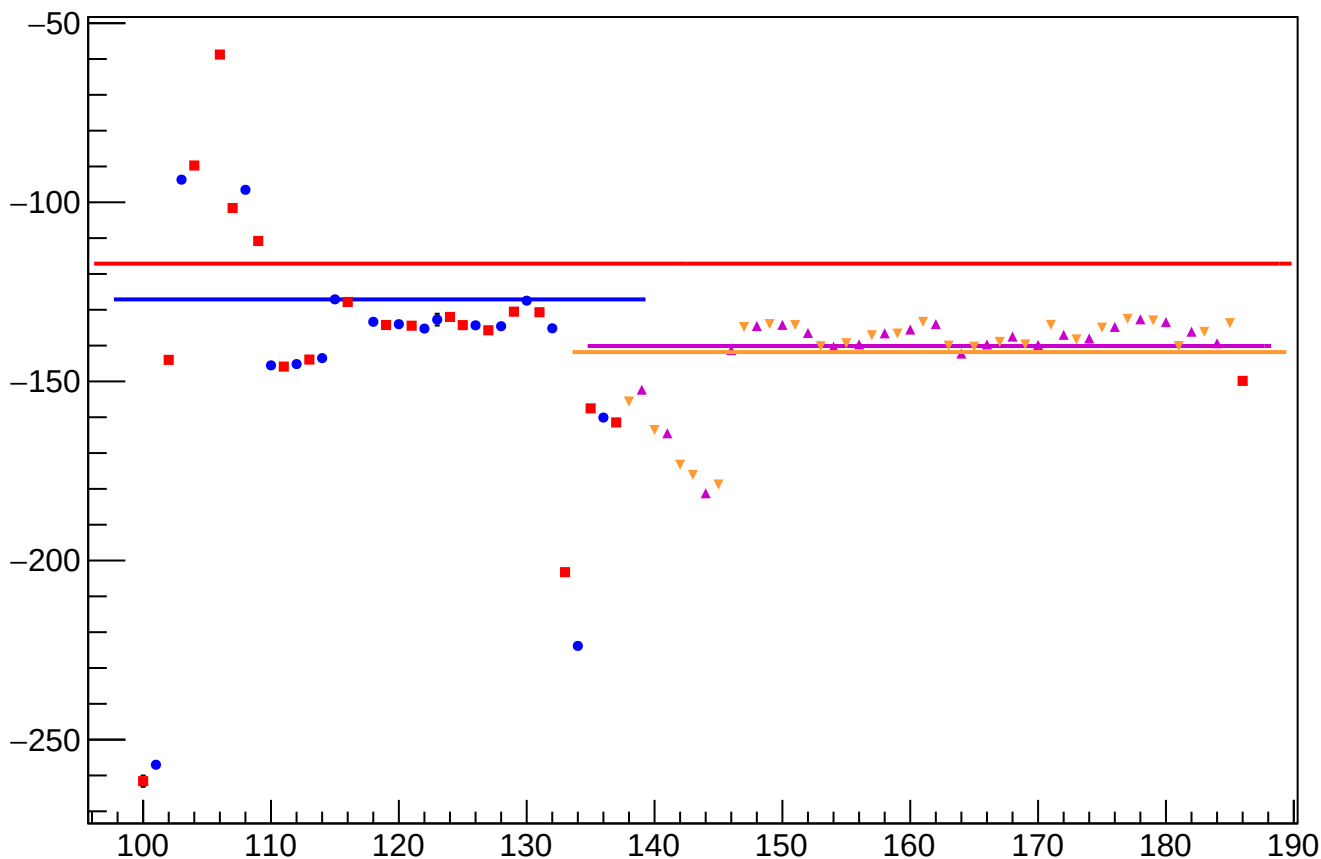
Left In: 61.286 $\pm$ 0.959 χ^2 /NDF: 702.8/22

+ sign 63.665 $\pm$ 0.827 χ^2 /NDF: 1319.3/41

All: 62.068 $\pm$ 0.583 χ^2 /NDF: 2536.6/84

- sign 60.488 $\pm$ 0.822 χ^2 /NDF: 1209.9/42

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 ± 0.089 $\chi^2/\text{NDF}: 167064.7/16$

Left Out: -141.811 ± 0.045 $\chi^2/\text{NDF}: 77727.6/24$

Right Out: -117.127 ± 0.082 $\chi^2/\text{NDF}: 171286.3/19$

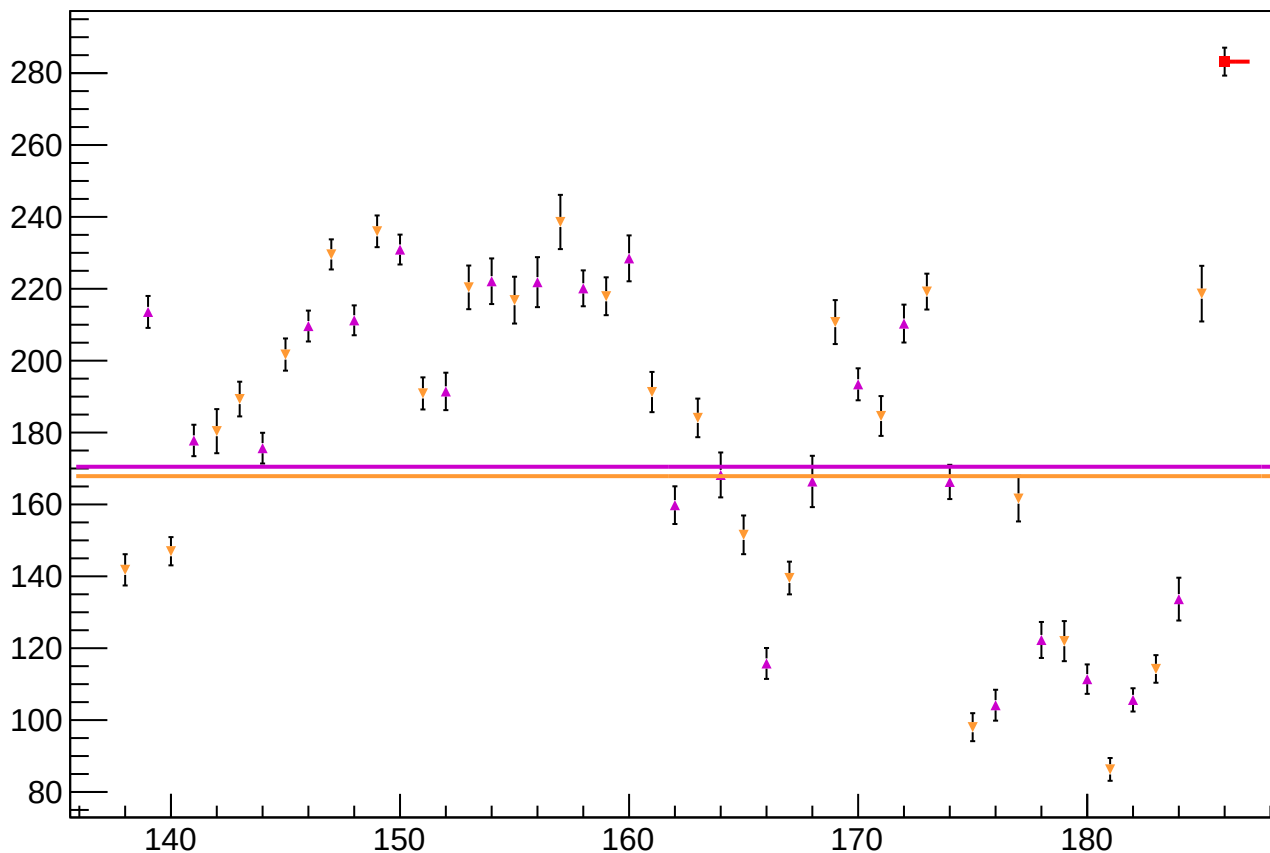
Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

+ sign -138.860 ± 0.040 $\chi^2/\text{NDF}: 266406.3/41$

All: -136.803 ± 0.028 $\chi^2/\text{NDF}: 551783.9/84$

- sign -134.821 ± 0.039 $\chi^2/\text{NDF}: 280201.0/42$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 167.868+/-0.973 χ^2/NDF : 2465.4/24

Right Out: 283.198+/-3.886 χ^2/NDF : 0.0/0

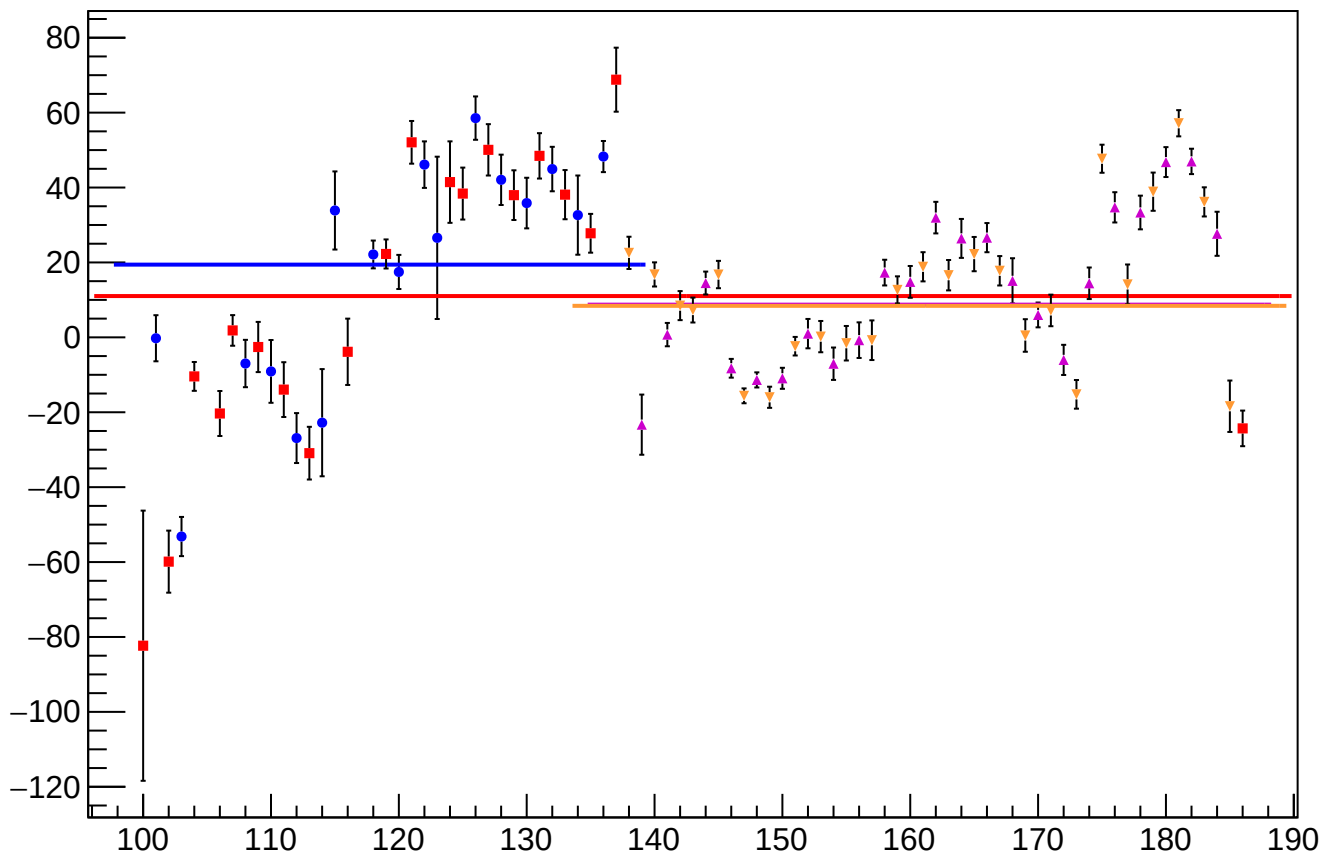
Left In: 170.487+/-0.991 χ^2/NDF : 2036.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.684+/-0.684 χ^2/NDF : 5340.1/48

- sign 177.372+/-0.960 χ^2/NDF : 2826.3/23

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 ± 1.480 $\chi^2/\text{NDF}: 441.1/16$

Left Out: 8.415 ± 0.731 $\chi^2/\text{NDF}: 750.6/24$

Right Out: 11.025 ± 1.336 $\chi^2/\text{NDF}: 496.5/19$

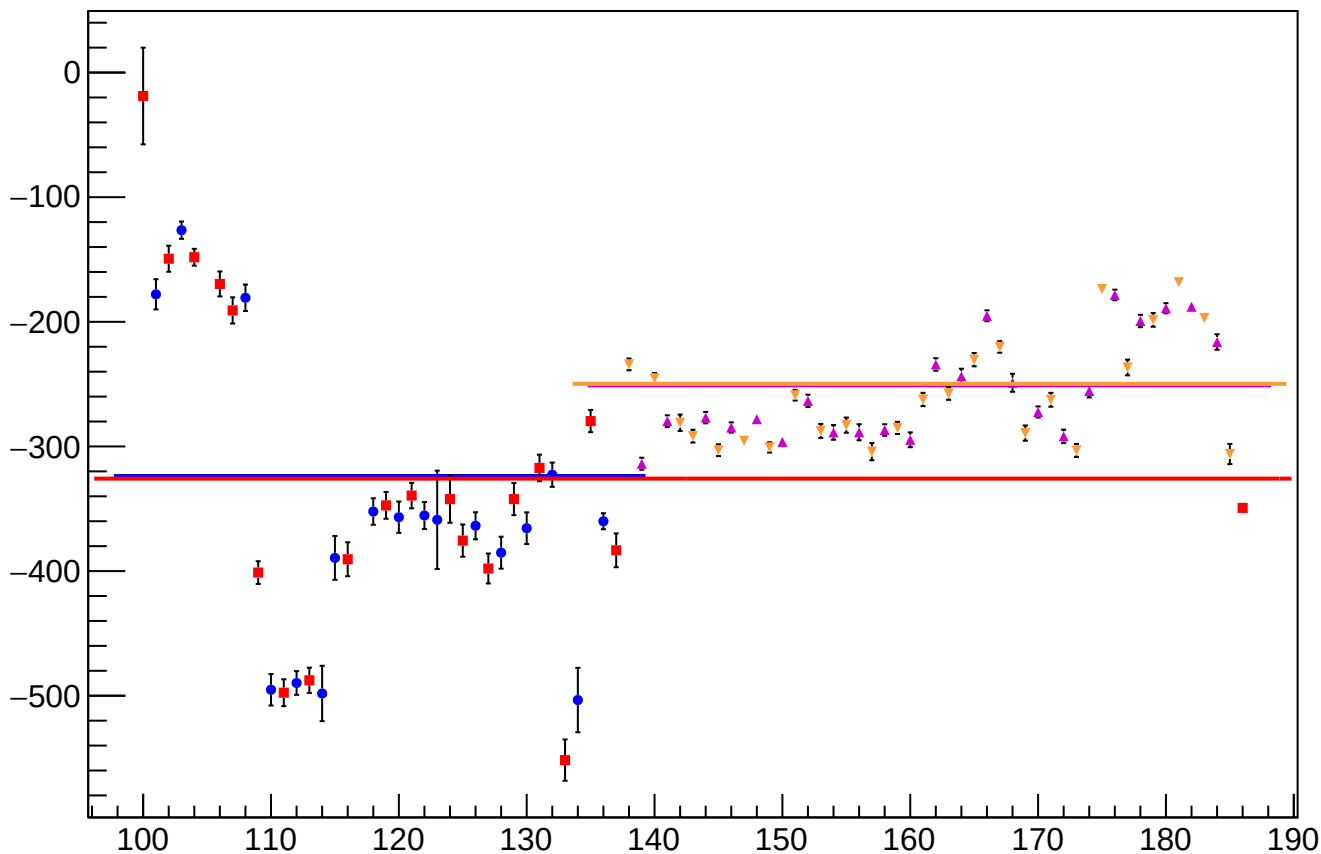
Left In: 8.730 ± 0.757 $\chi^2/\text{NDF}: 630.1/22$

+ sign 10.573 ± 0.655 $\chi^2/\text{NDF}: 1236.1/41$

All: 9.933 ± 0.464 $\chi^2/\text{NDF}: 2366.9/84$

- sign 9.287 ± 0.658 $\chi^2/\text{NDF}: 1128.9/42$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -249.759 ± 0.975 χ^2/NDF : 2232.5/24

Right Out: -325.803 ± 1.956 χ^2/NDF : 2395.6/19

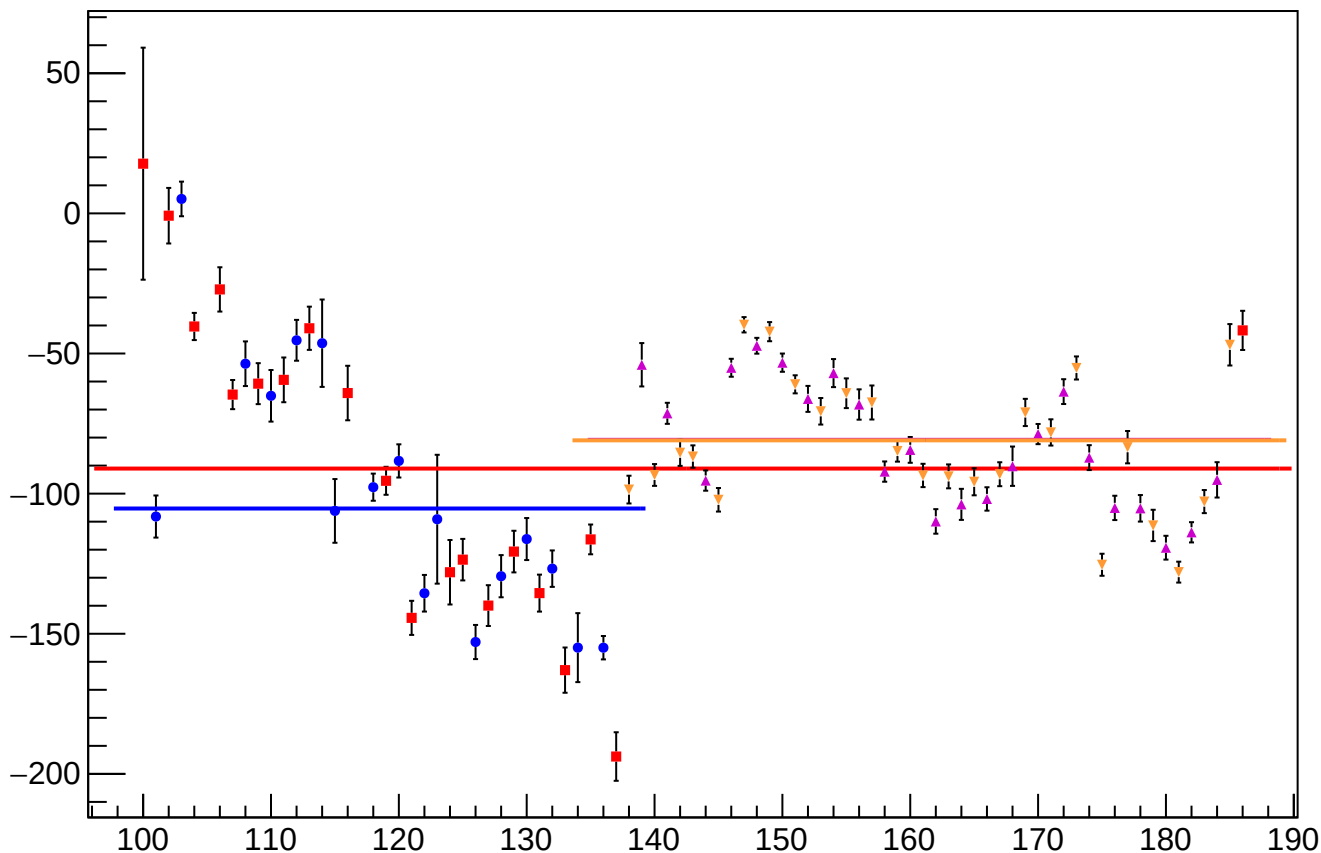
Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

+ sign -258.475 ± 0.916 χ^2/NDF : 4761.2/41

All: -262.473 ± 0.635 χ^2/NDF : 10317.3/84

- sign -266.173 ± 0.881 χ^2/NDF : 5519.5/42

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -80.981 ± 0.846 χ^2/NDF : 911.2/24

Right Out: -91.056 ± 1.570 χ^2/NDF : 879.0/19

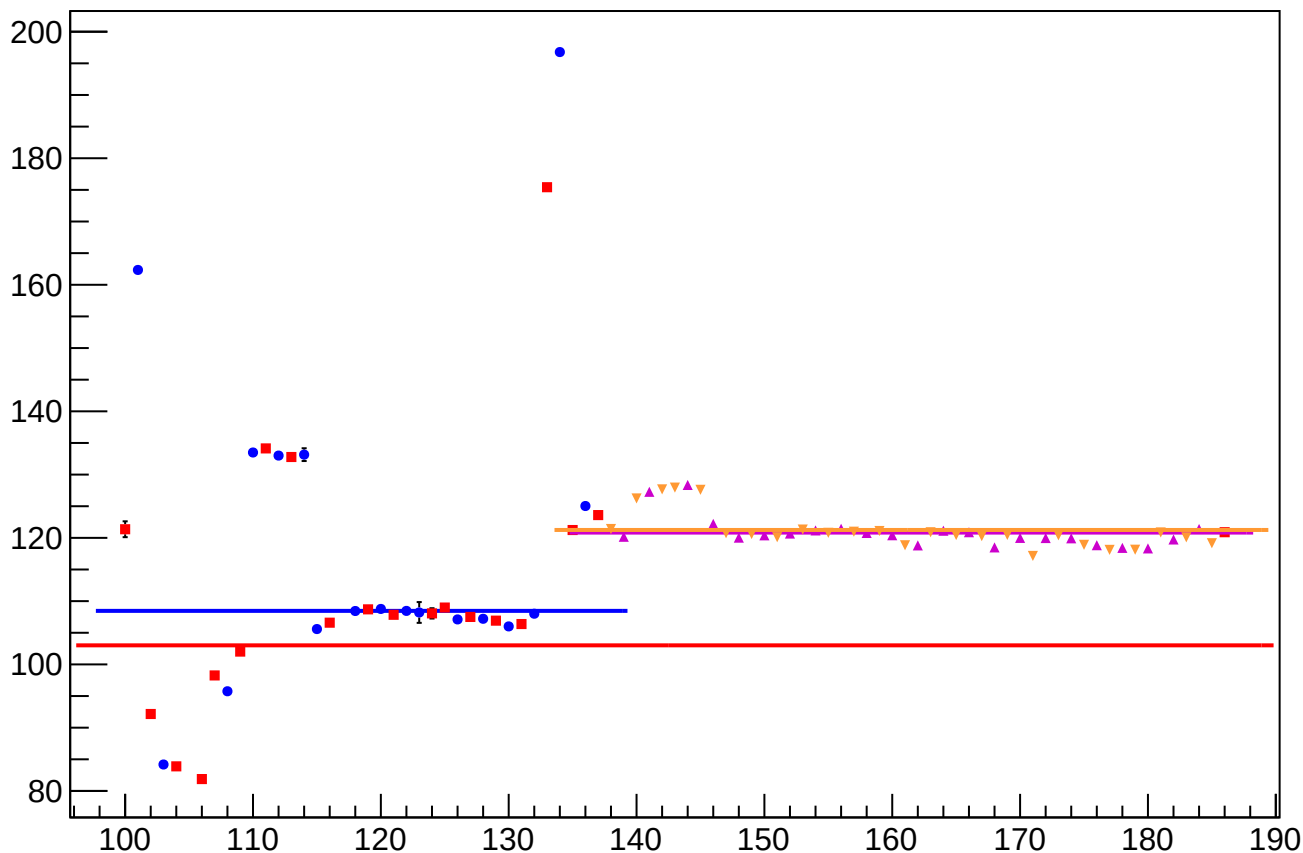
Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

+ sign -85.841 ± 0.757 χ^2/NDF : 1813.9/41

All: -84.533 ± 0.537 χ^2/NDF : 3426.9/84

- sign -83.210 ± 0.761 χ^2/NDF : 1607.0/42

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 +/- 0.085 χ^2/NDF : 73302.1/16

Left Out: 121.248 +/- 0.040 χ^2/NDF : 4820.1/24

Right Out: 103.013 +/- 0.078 χ^2/NDF : 54429.1/19

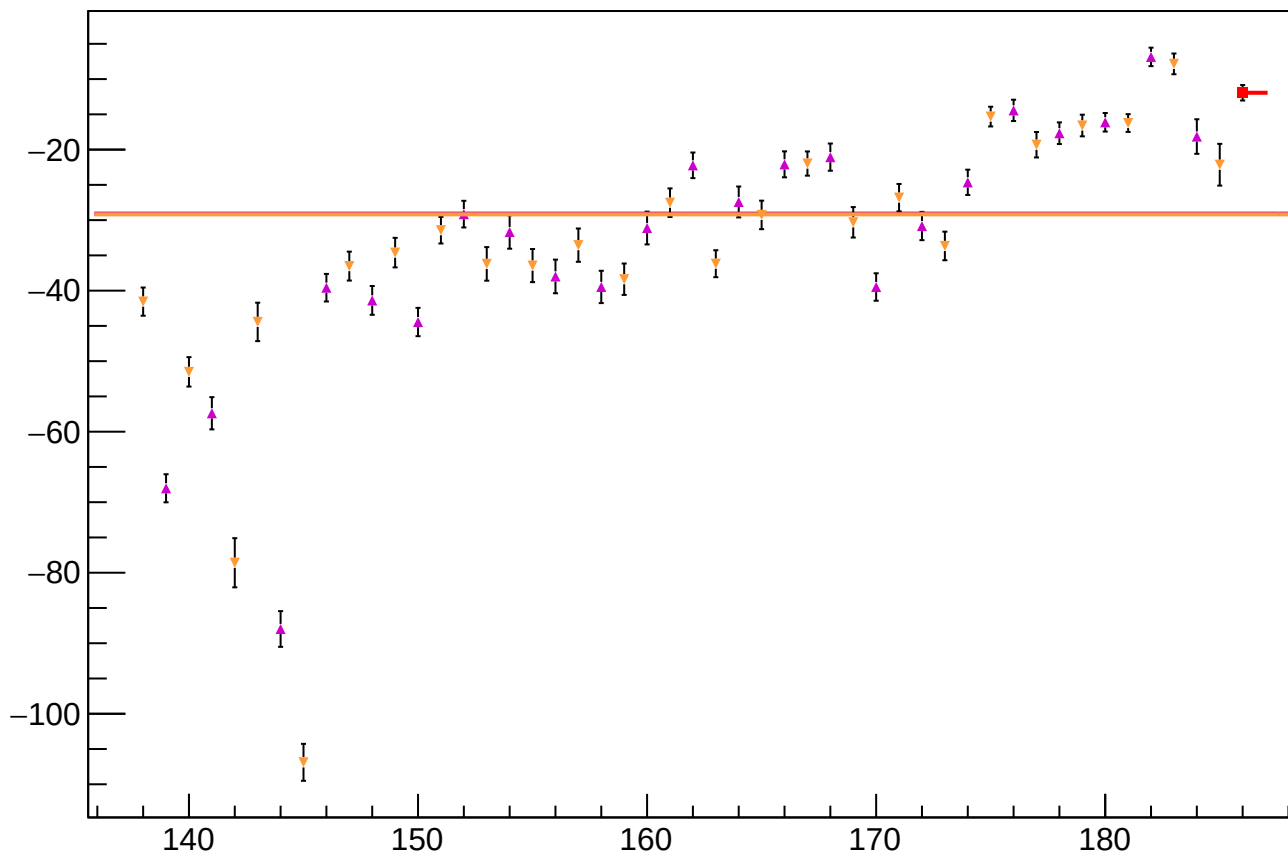
Left In: 120.834 +/- 0.041 χ^2/NDF : 3372.4/22

+ sign 118.896 +/- 0.036 χ^2/NDF : 96715.1/41

All: 117.982 +/- 0.026 χ^2/NDF : 196474.4/84

- sign 117.085 +/- 0.036 χ^2/NDF : 98505.7/42

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -29.182 $\pm$ 0.389 χ^2 /NDF:1880.4/24

Right Out: -11.940 $\pm$ 1.098 χ^2 /NDF: 0.0/0

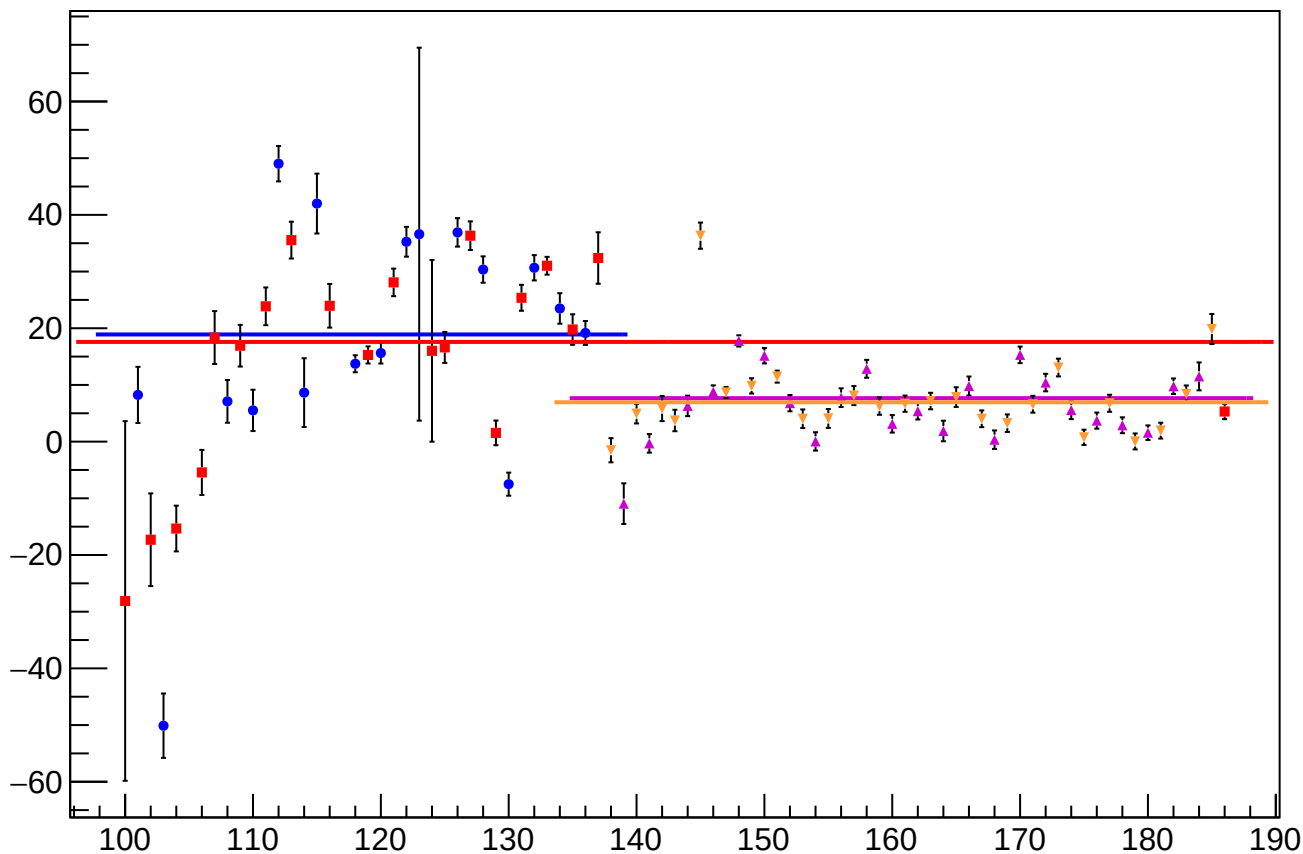
Left In: -29.073 $\pm$ 0.394 χ^2 /NDF:1872.4/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.101 $\pm$ 0.268 χ^2 /NDF: 3983.2/48

- sign -27.120 $\pm$ 0.371 χ^2 /NDF: 2088.2/23

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 6.943 $\pm$ 0.304 χ^2 /NDF: 322.6/24

Right Out: 17.590 $\pm$ 0.581 χ^2 /NDF: 467.1/19

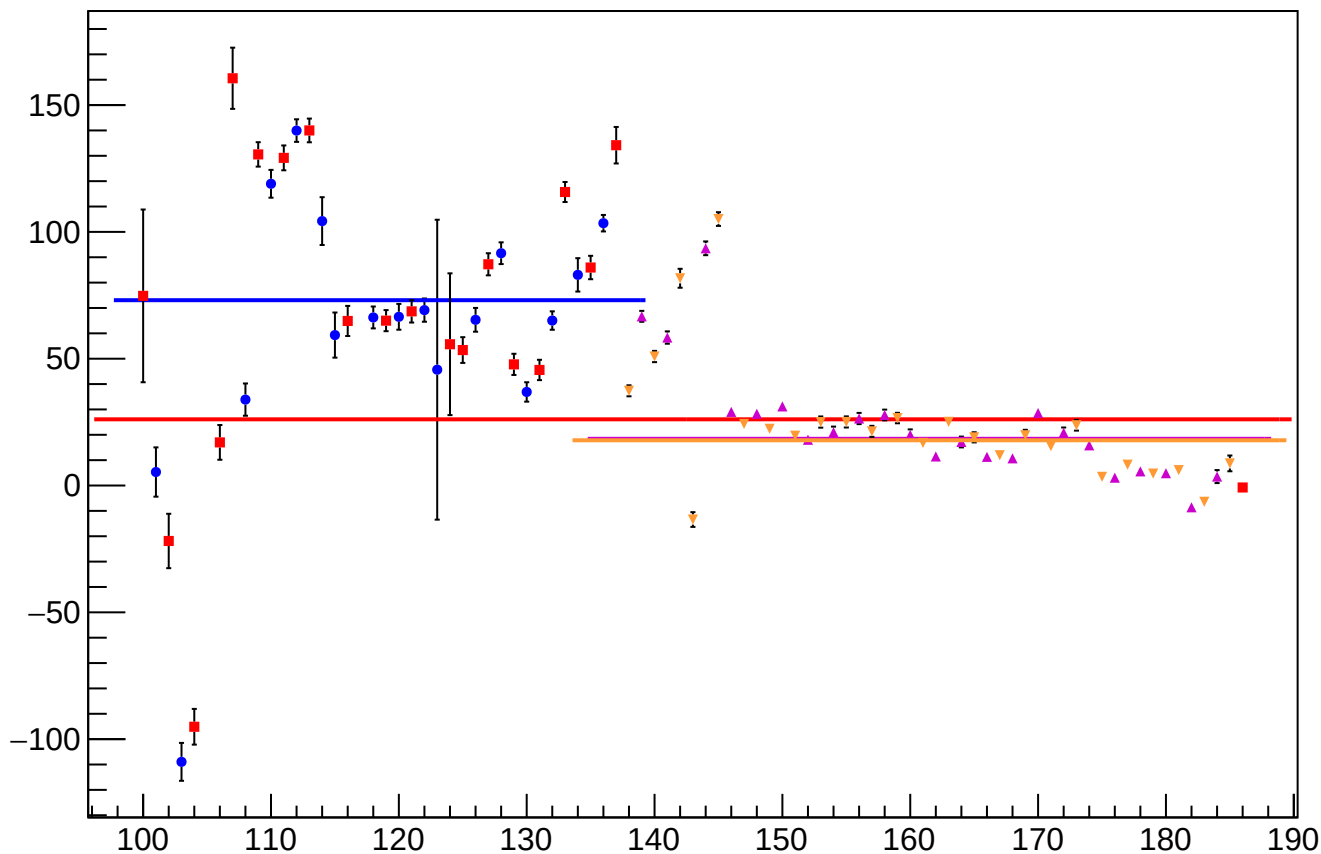
Left In: 7.666 $\pm$ 0.313 χ^2 /NDF: 341.1/22

+ sign 9.121 $\pm$ 0.275 χ^2 /NDF: 1224.2/41

All: 9.507 $\pm$ 0.194 χ^2 /NDF: 2262.7/84

- sign 9.896 $\pm$ 0.275 χ^2 /NDF: 1034.5/42

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 17.841 $\pm$ 0.388 χ^2 /NDF: 2399.7/24

Right Out: 26.102 $\pm$ 0.713 χ^2 /NDF: 4299.2/19

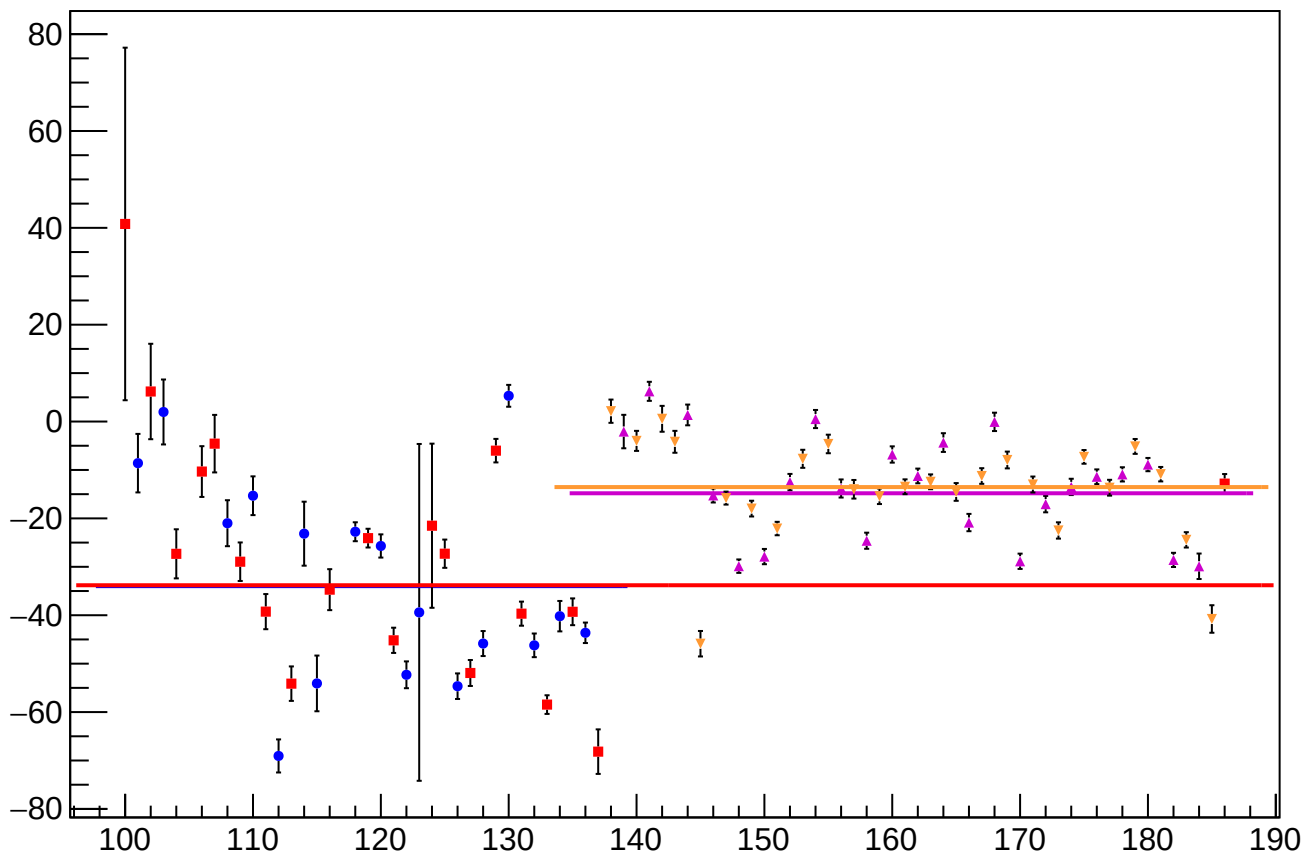
Left In: 18.416 $\pm$ 0.391 χ^2 /NDF: 2468.4/22

+ sign 22.851 $\pm$ 0.370 χ^2 /NDF: 5439.4/41

All: 21.423 $\pm$ 0.251 χ^2 /NDF: 12324.0/84

- sign 20.194 $\pm$ 0.343 χ^2 /NDF: 6856.9/42

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.535 ± 0.345 χ^2/NDF : 574.6/24

Right Out: -33.808 ± 0.690 χ^2/NDF : 671.1/19

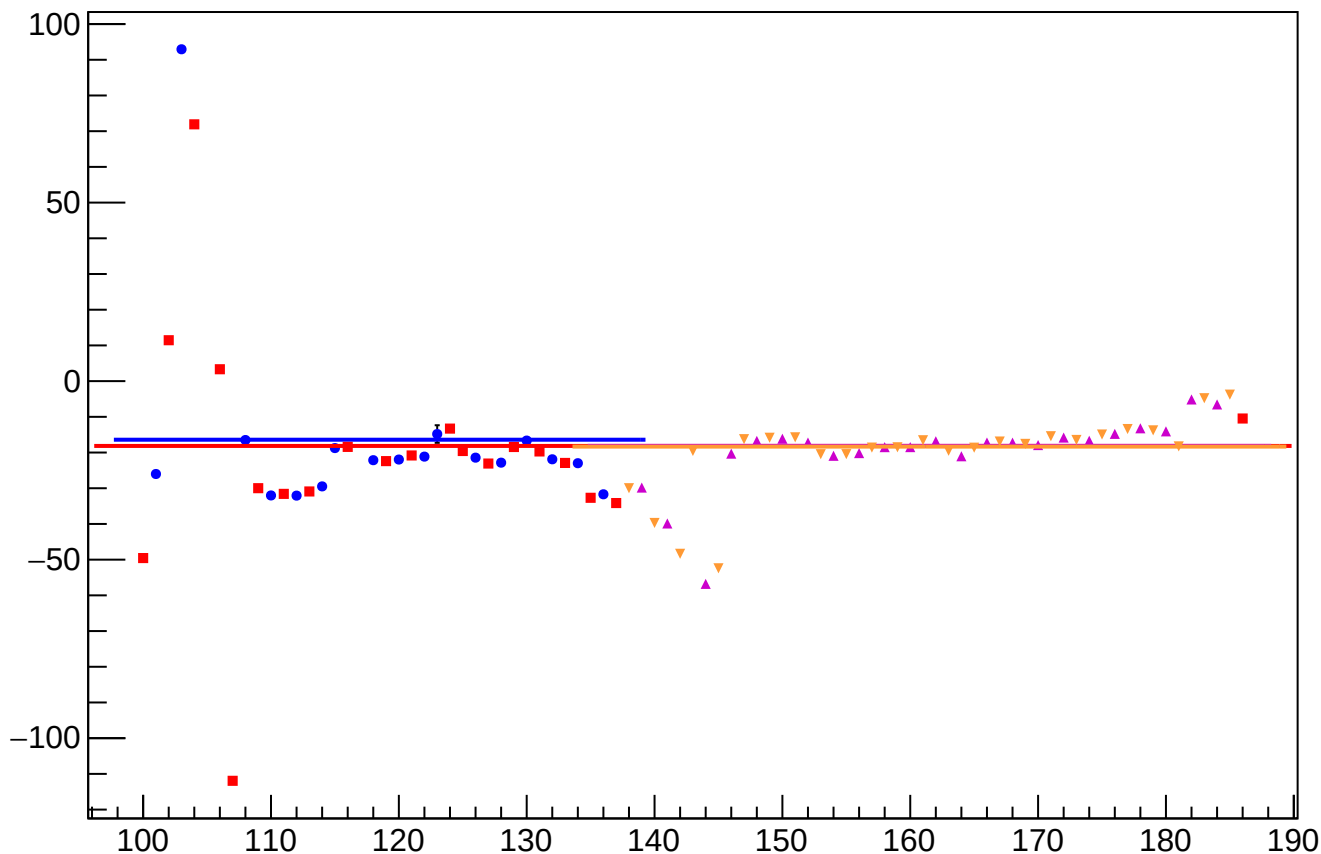
Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

+ sign -17.212 ± 0.312 χ^2/NDF : 1927.5/41

All: -17.977 ± 0.222 χ^2/NDF : 4048.7/84

- sign -18.753 ± 0.314 χ^2/NDF : 2109.1/42

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -18.337 ± 0.016 $\chi^2/\text{NDF}: 283793.3/24$

Right Out: -18.152 ± 0.043 $\chi^2/\text{NDF}: 437389.5/19$

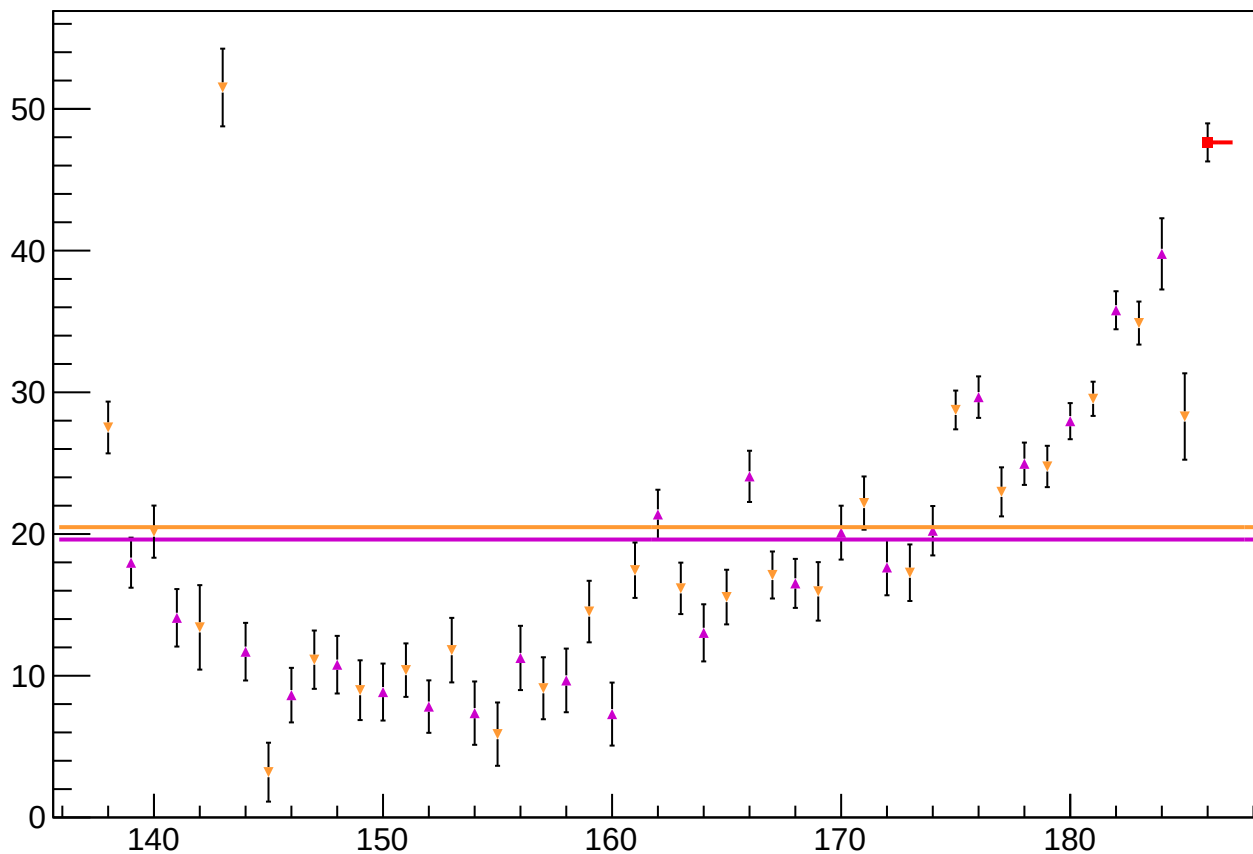
Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

+ sign -18.119 ± 0.015 $\chi^2/\text{NDF}: 759834.5/41$

All: -18.128 ± 0.011 $\chi^2/\text{NDF}: 1442875.1/84$

- sign -18.137 ± 0.015 $\chi^2/\text{NDF}: 683039.9/42$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 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

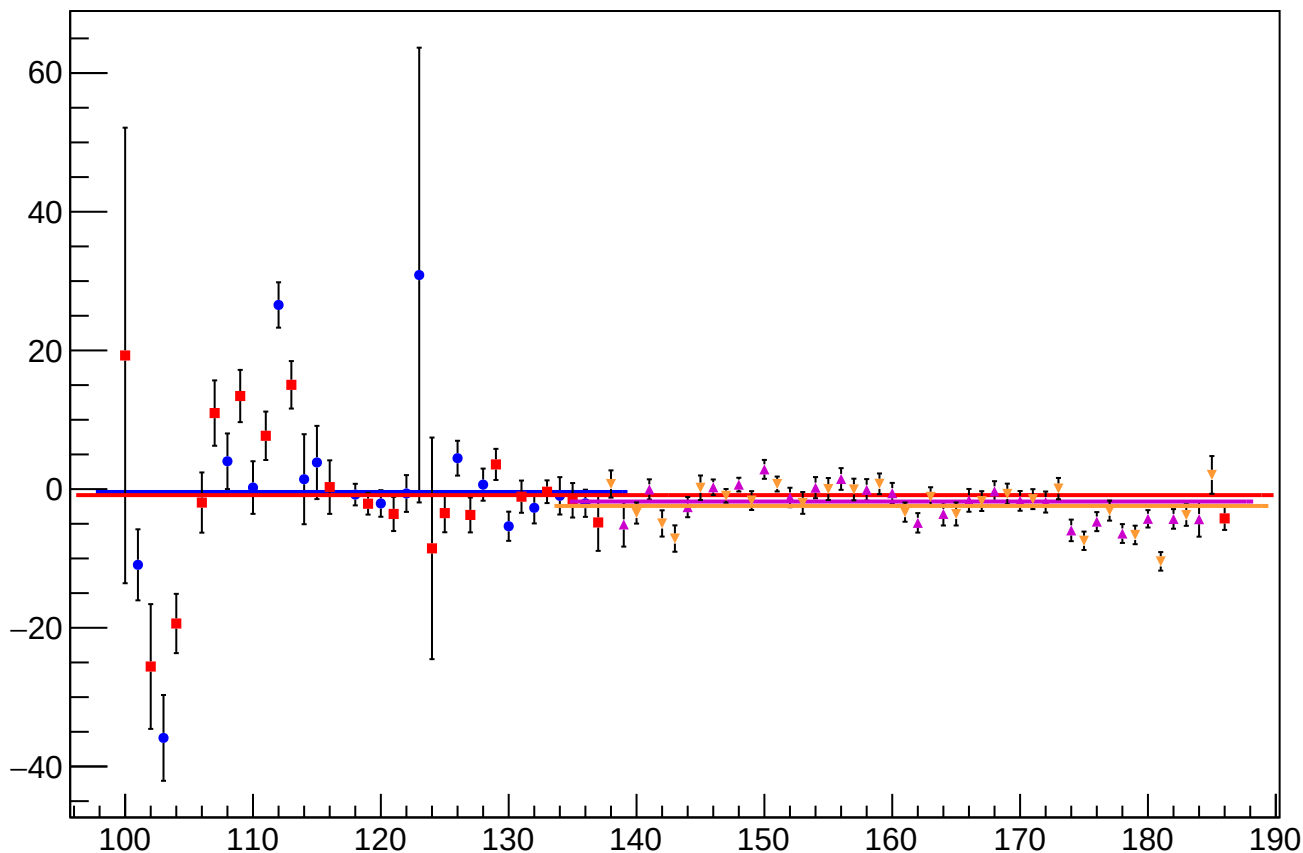
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF:572.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.094 $\pm$ 0.261 χ^2 /NDF: 1596.7/48

- sign 21.674 $\pm$ 0.364 χ^2 /NDF: 975.8/23

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -2.429 ± 0.293 χ^2/NDF : 103.7/24

Right Out: -0.867 ± 0.611 χ^2/NDF : 88.4/19

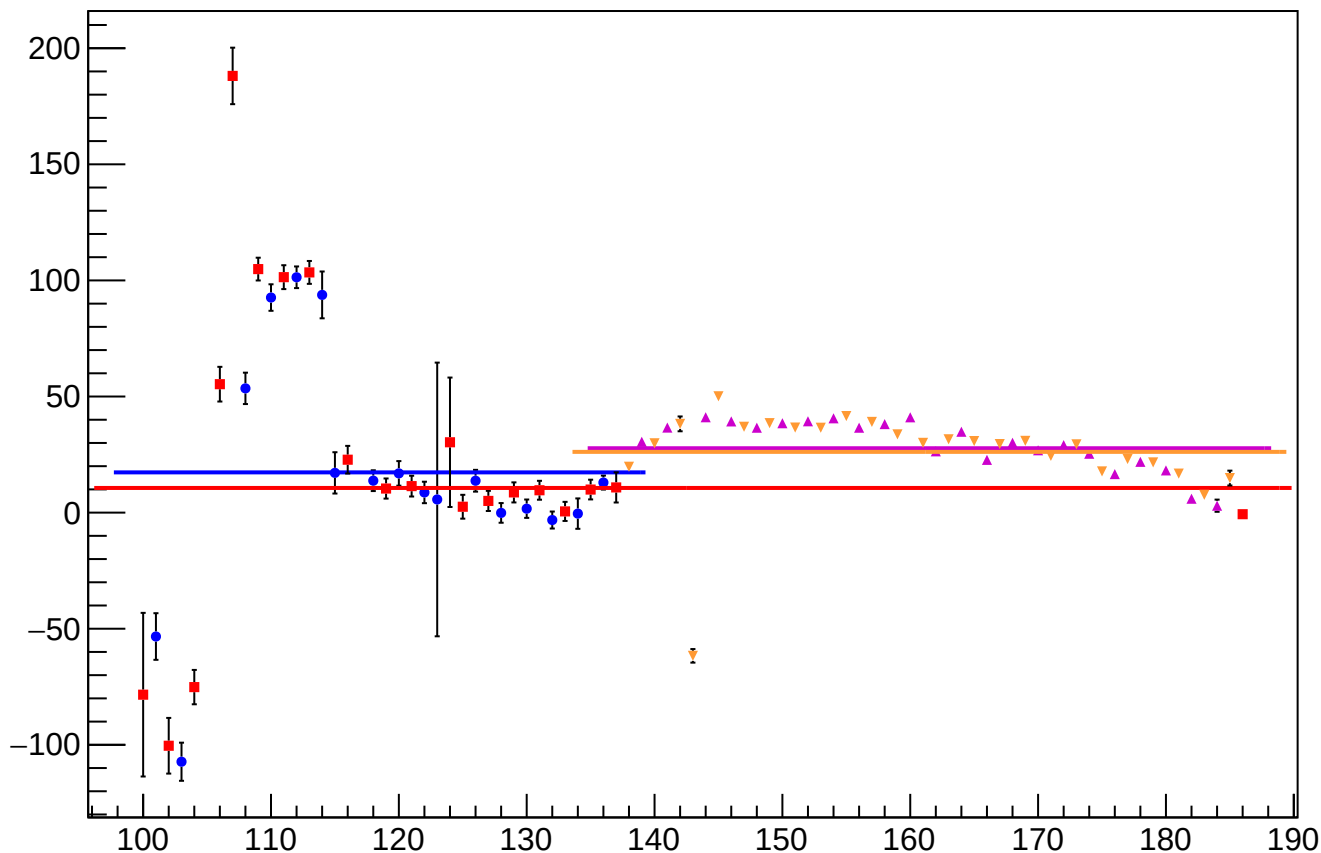
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.092 ± 0.267 χ^2/NDF : 231.6/41

All: -1.854 ± 0.190 χ^2/NDF : 393.5/84

- sign -1.611 ± 0.270 χ^2/NDF : 160.3/42

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2 /NDF: 943.2/16

Left Out: 26.164+/-0.373 χ^2 /NDF:1577.6/24

Right Out: 10.621+/-0.813 χ^2 /NDF: 1636.7/19

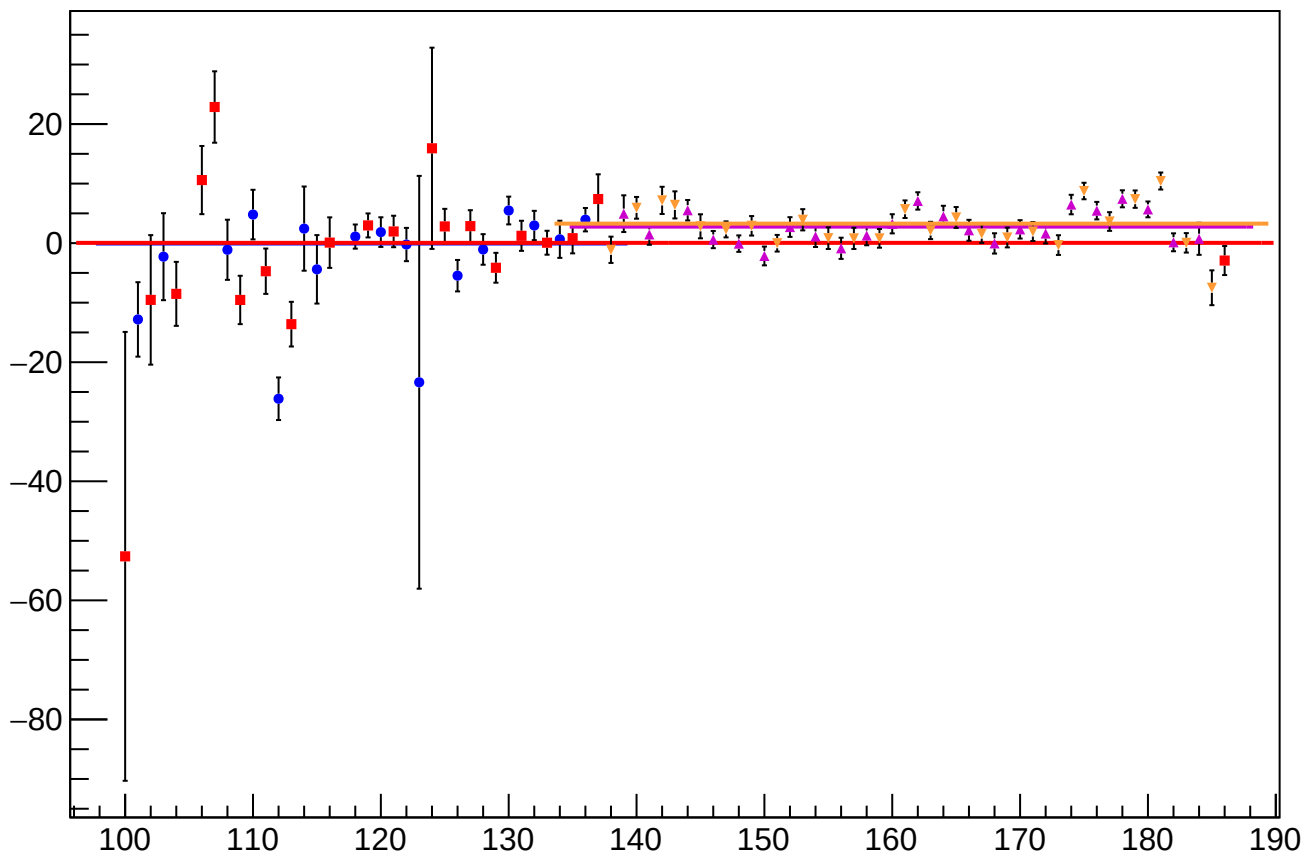
Left In: 27.725+/-0.377 χ^2 /NDF:805.1/22

+ sign 25.430+/-0.357 χ^2 /NDF: 2567.4/41

All: 25.052+/-0.247 χ^2 /NDF: 5375.3/84

- sign 24.705+/-0.342 χ^2 /NDF: 2805.8/42

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 3.275 ± 0.332 χ^2/NDF : 101.8/24

Right Out: 0.045 ± 0.716 χ^2/NDF : 56.7/19

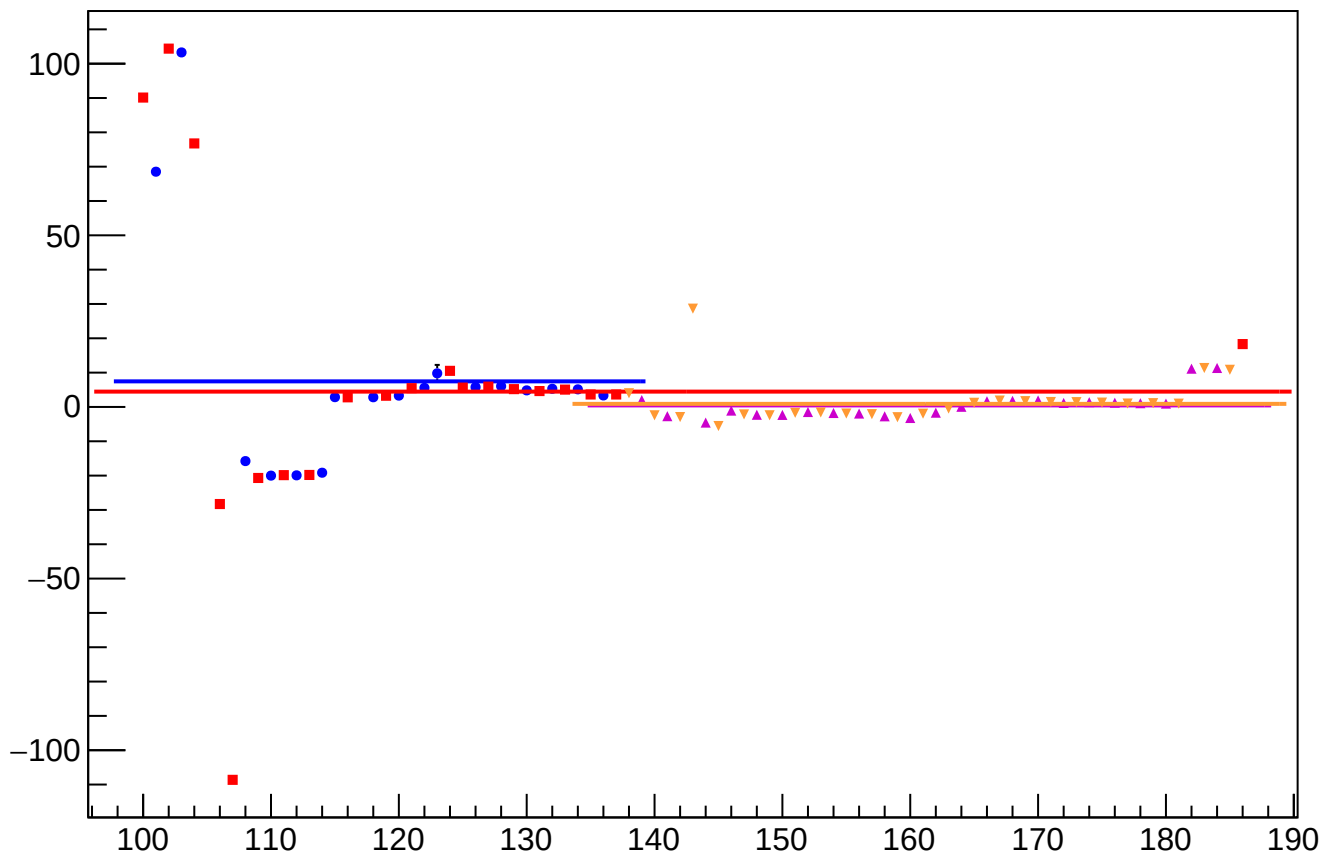
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.721 ± 0.303 χ^2/NDF : 195.1/41

All: 2.500 ± 0.216 χ^2/NDF : 331.3/84

- sign 2.274 ± 0.307 χ^2/NDF : 135.1/42

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 $\chi^2/\text{NDF}: 356053.3/16$

Left Out: 0.898 ± 0.015 $\chi^2/\text{NDF}: 108195.0/24$

Right Out: 4.469 ± 0.044 $\chi^2/\text{NDF}: 517481.8/19$

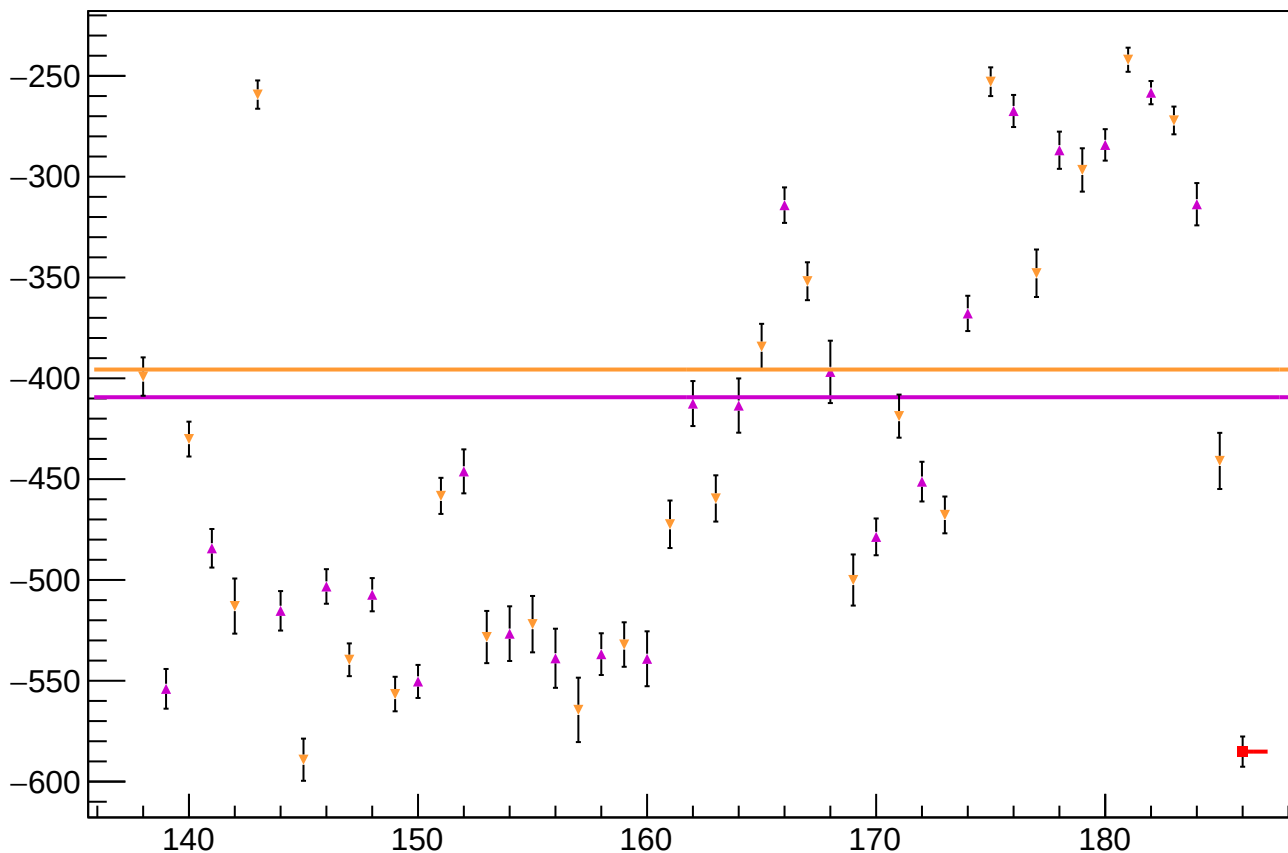
Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

+ sign 1.586 ± 0.014 $\chi^2/\text{NDF}: 483744.8/41$

All: 1.238 ± 0.010 $\chi^2/\text{NDF}: 1060373.5/84$

- sign 0.884 ± 0.015 $\chi^2/\text{NDF}: 575447.6/42$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -395.638 $\pm$ 1.909 χ^2 /NDF: 3704.0/24

Right Out: -585.144 $\pm$ 7.497 χ^2 /NDF: 0.0/0

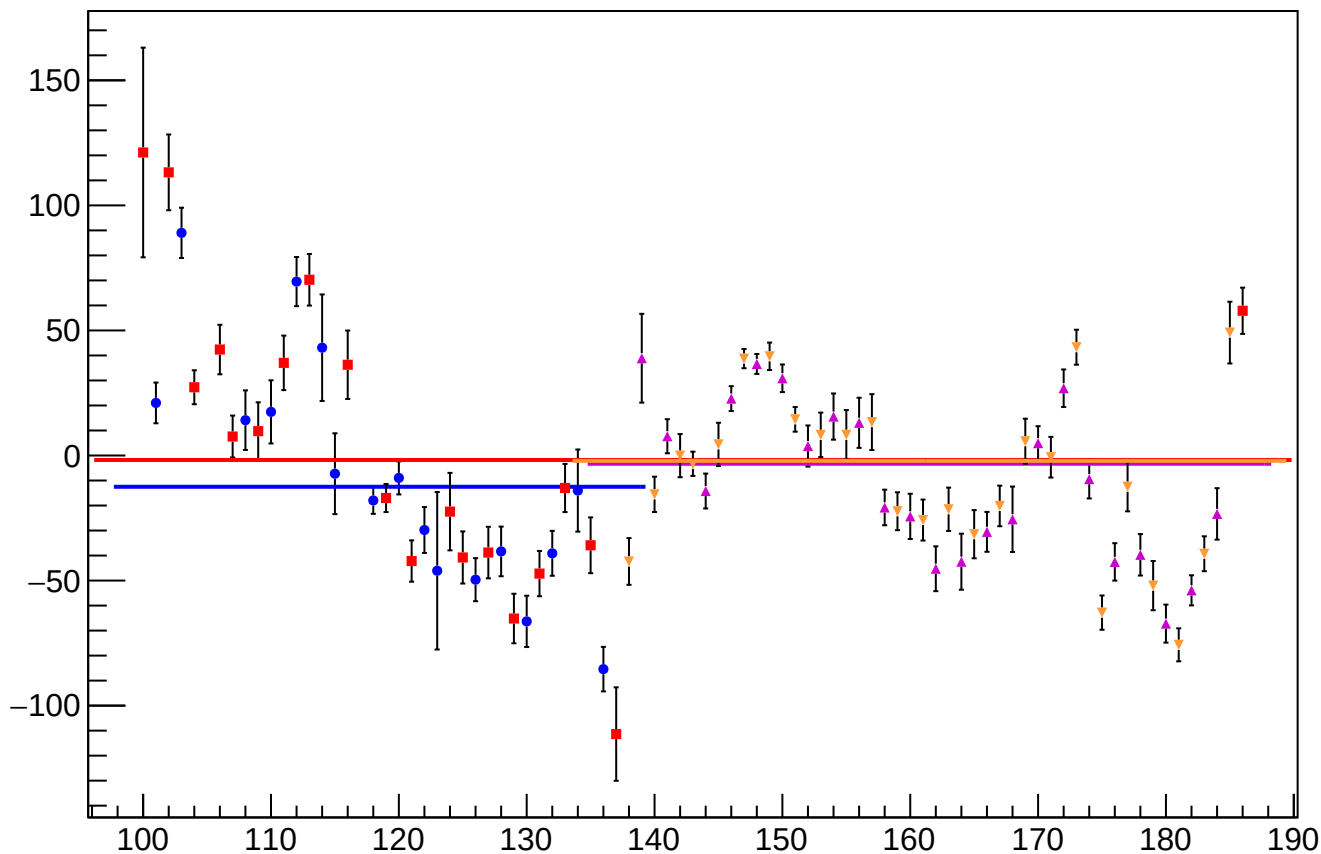
Left In: -409.377 $\pm$ 1.971 χ^2 /NDF: 3096.1/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -408.208 $\pm$ 1.349 χ^2 /NDF: 7400.9/48

- sign -420.745 $\pm$ 1.907 χ^2 /NDF: 3610.3/23

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: -2.133 ± 1.435 χ^2/NDF : 562.8/24

Right Out: -1.779 ± 2.199 χ^2/NDF : 388.8/19

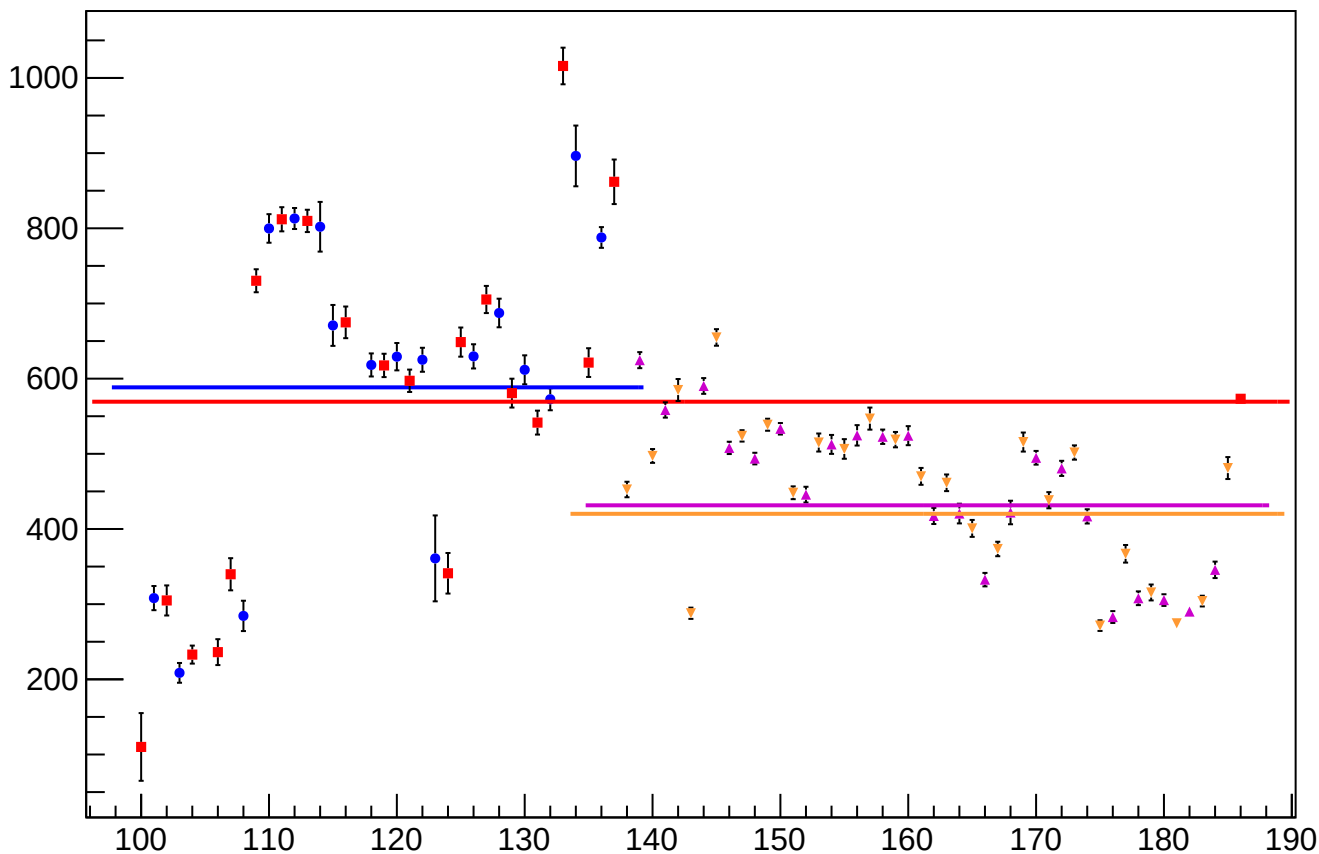
Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

+ sign -5.018 ± 1.219 χ^2/NDF : 918.4/41

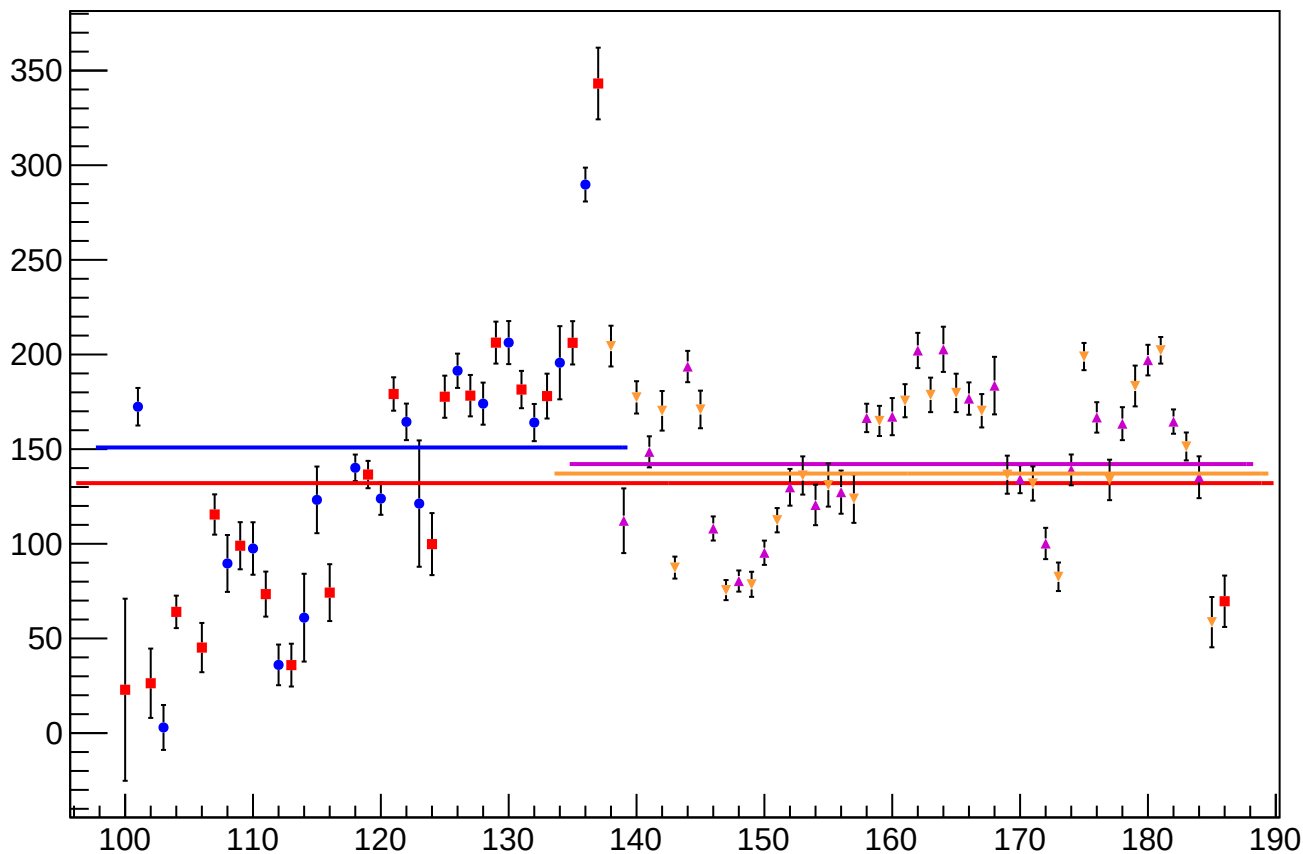
All: -3.937 ± 0.872 χ^2/NDF : 1763.6/84

- sign -2.803 ± 1.248 χ^2/NDF : 843.6/42

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 $\chi^2/\text{NDF}: 634.8/16$

Left Out: 137.107 ± 1.663 $\chi^2/\text{NDF}: 738.9/24$

Right Out: 132.057 ± 2.572 $\chi^2/\text{NDF}: 606.8/19$

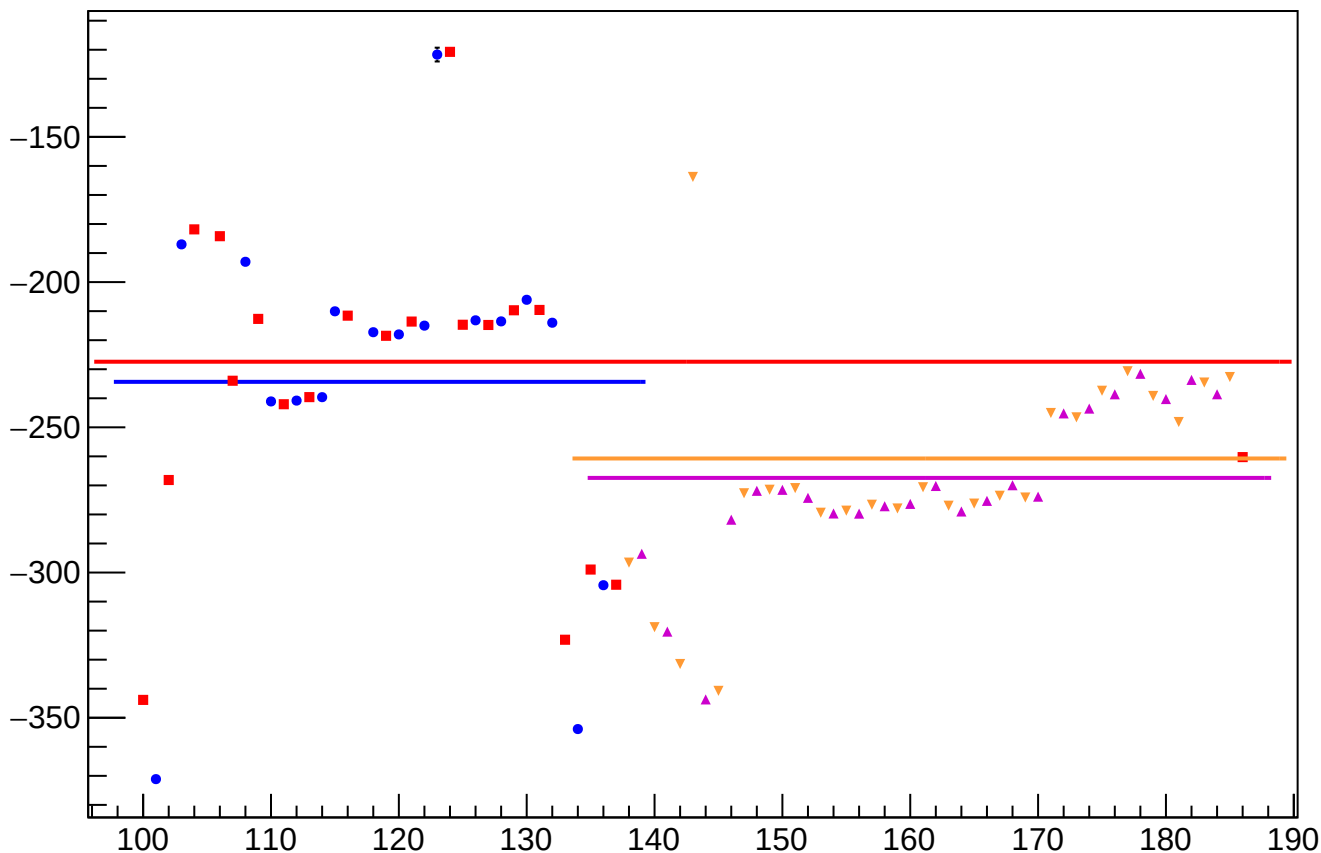
Left In: 142.123 ± 1.740 $\chi^2/\text{NDF}: 463.8/22$

+ sign 140.951 ± 1.412 $\chi^2/\text{NDF}: 1392.9/41$

All: 139.977 ± 1.009 $\chi^2/\text{NDF}: 2474.9/84$

- sign 138.963 ± 1.441 $\chi^2/\text{NDF}: 1081.1/42$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -260.729+/-0.080 χ^2/NDF : 220125.6/24

Right Out: -227.413+/-0.140 χ^2/NDF : 100610.8/19

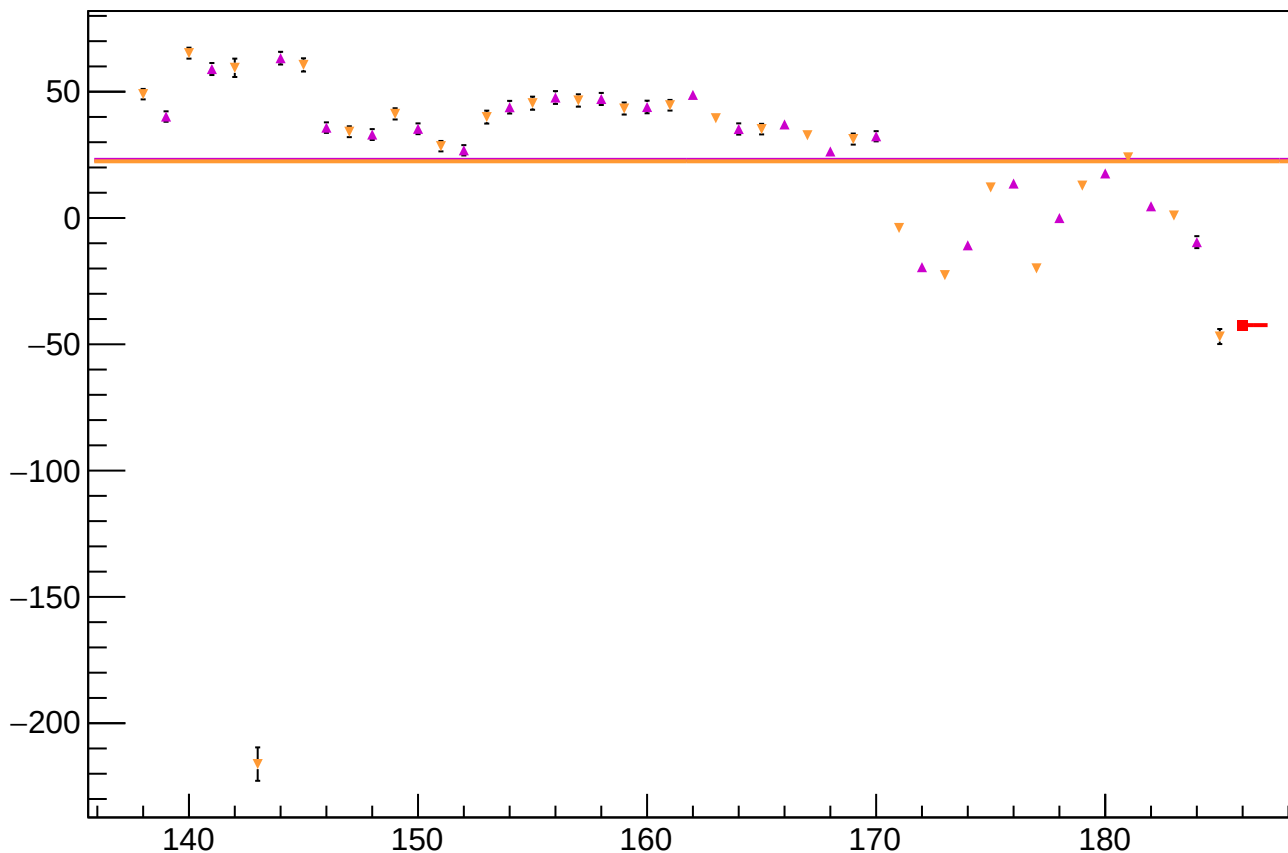
Left In: -267.416+/-0.081 χ^2/NDF : 98892.0/22

+ sign -254.834+/-0.070 χ^2/NDF : 389876.9/41

All: -256.065+/-0.050 χ^2/NDF : 651135.9/84

- sign -257.304+/-0.070 χ^2/NDF : 260640.1/42

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 22.446 $\pm$ 0.399 χ^2 /NDF: 4935.8/24

Right Out: -42.407 $\pm$ 1.746 χ^2 /NDF: 0.0/0

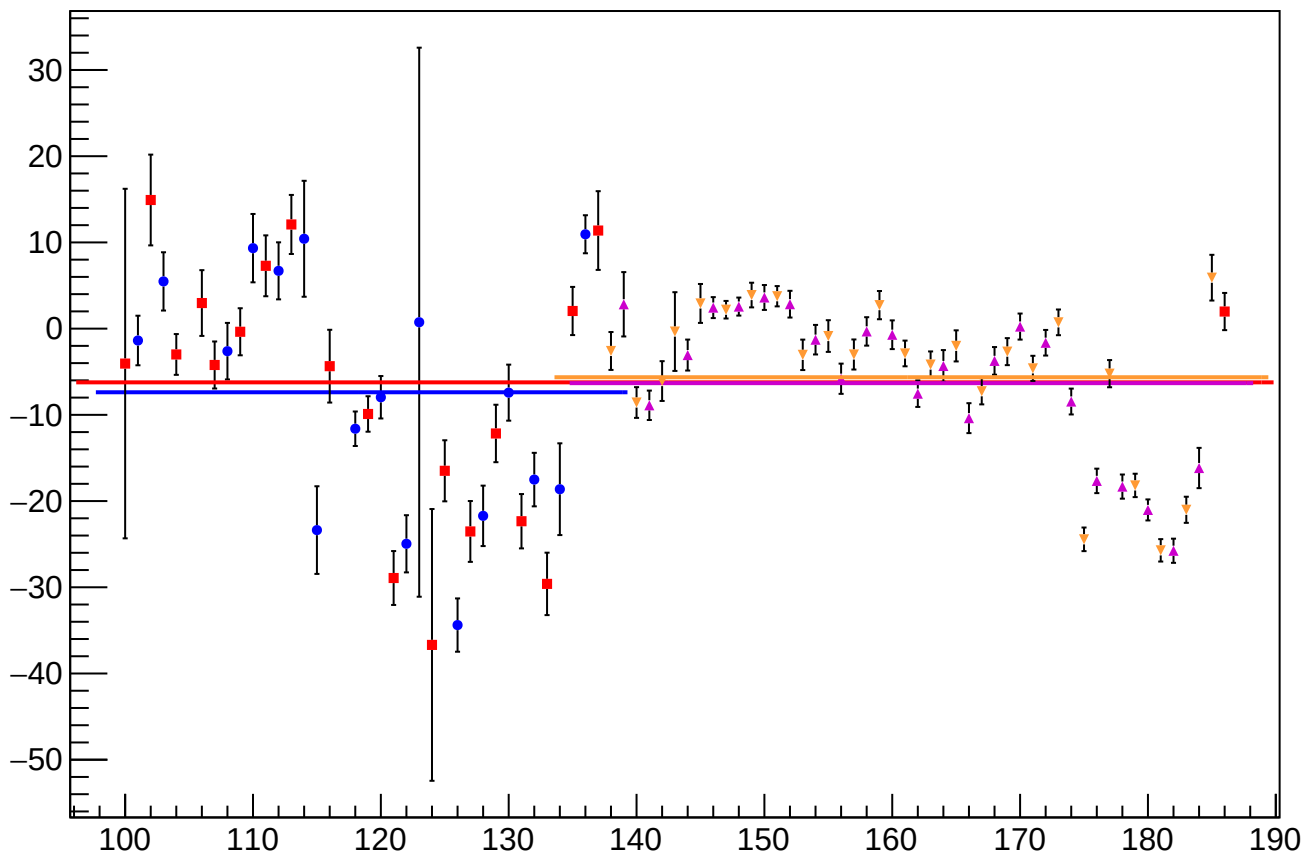
Left In: 23.019 $\pm$ 0.400 χ^2 /NDF: 2819.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.072 $\pm$ 0.279 χ^2 /NDF: 9113.1/48

- sign 19.760 $\pm$ 0.390 χ^2 /NDF: 4154.1/23

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: -5.639 ± 0.316 χ^2/NDF : 891.5/24

Right Out: -6.231 ± 0.718 χ^2/NDF : 273.6/19

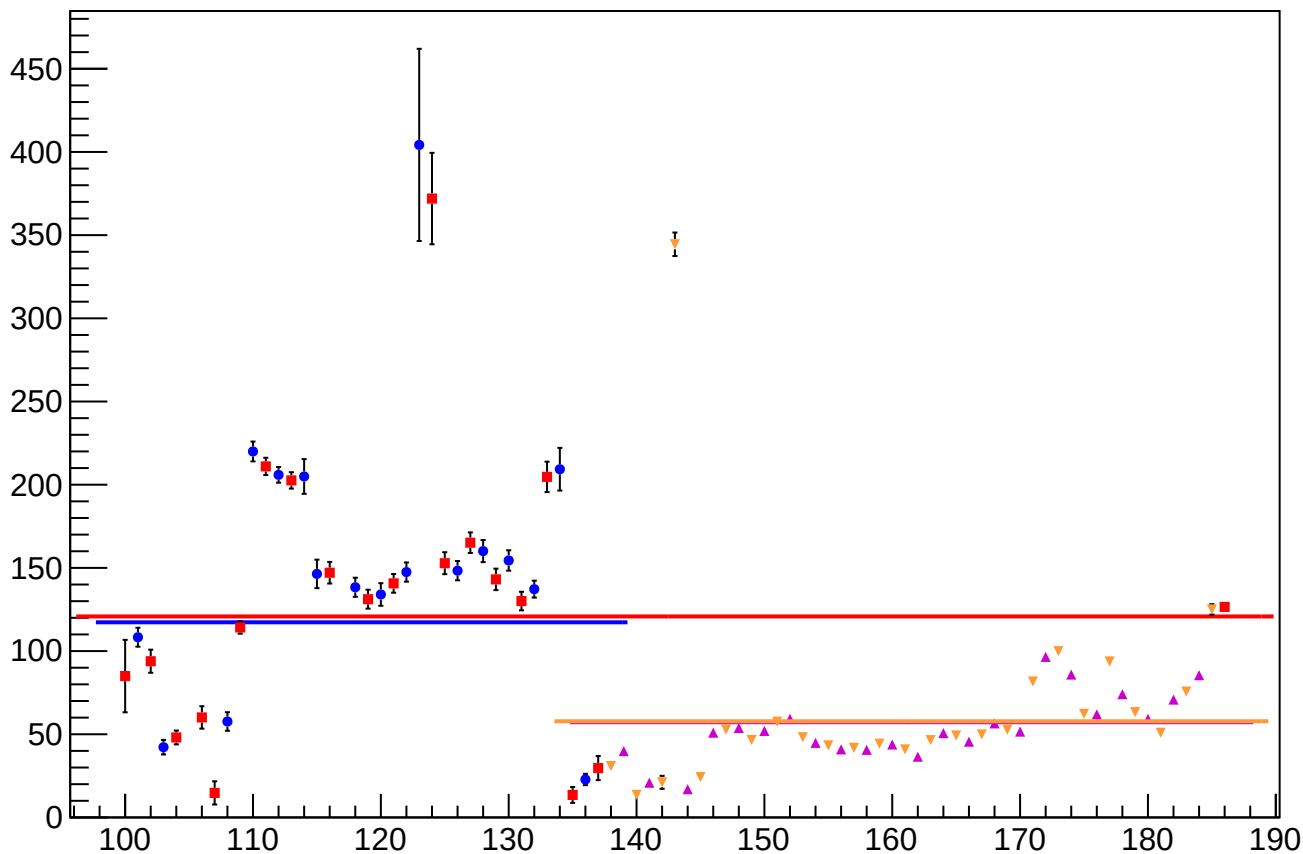
Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

+ sign -5.884 ± 0.292 χ^2/NDF : 1179.4/41

All: -6.096 ± 0.207 χ^2/NDF : 2238.5/84

- sign -6.308 ± 0.293 χ^2/NDF : 1058.0/42

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 ± 1.409 χ^2/NDF : 2161.3/16

Left Out: 57.816 ± 0.398 χ^2/NDF : 4331.5/24

Right Out: 120.812 ± 0.976 χ^2/NDF : 2183.1/19

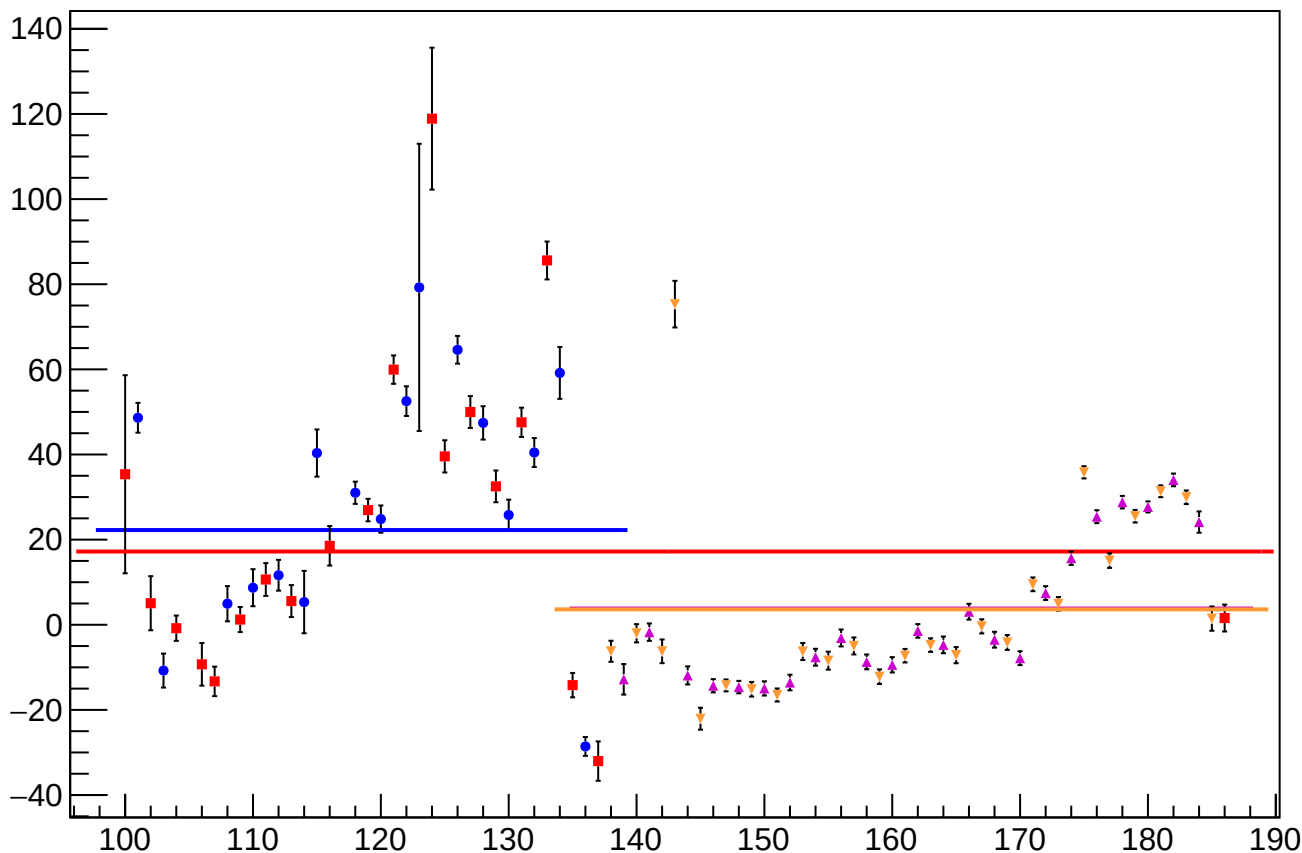
Left In: 57.226 ± 0.398 χ^2/NDF : 1860.6/22

+ sign 62.214 ± 0.383 χ^2/NDF : 8144.4/41

All: 64.333 ± 0.266 χ^2/NDF : 15886.4/84

- sign 66.295 ± 0.369 χ^2/NDF : 7683.0/42

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 ± 0.889 χ^2/NDF : 1071.4/16

Left Out: 3.615 ± 0.357 χ^2/NDF : 2501.2/24

Right Out: 17.205 ± 0.840 χ^2/NDF : 1103.5/19

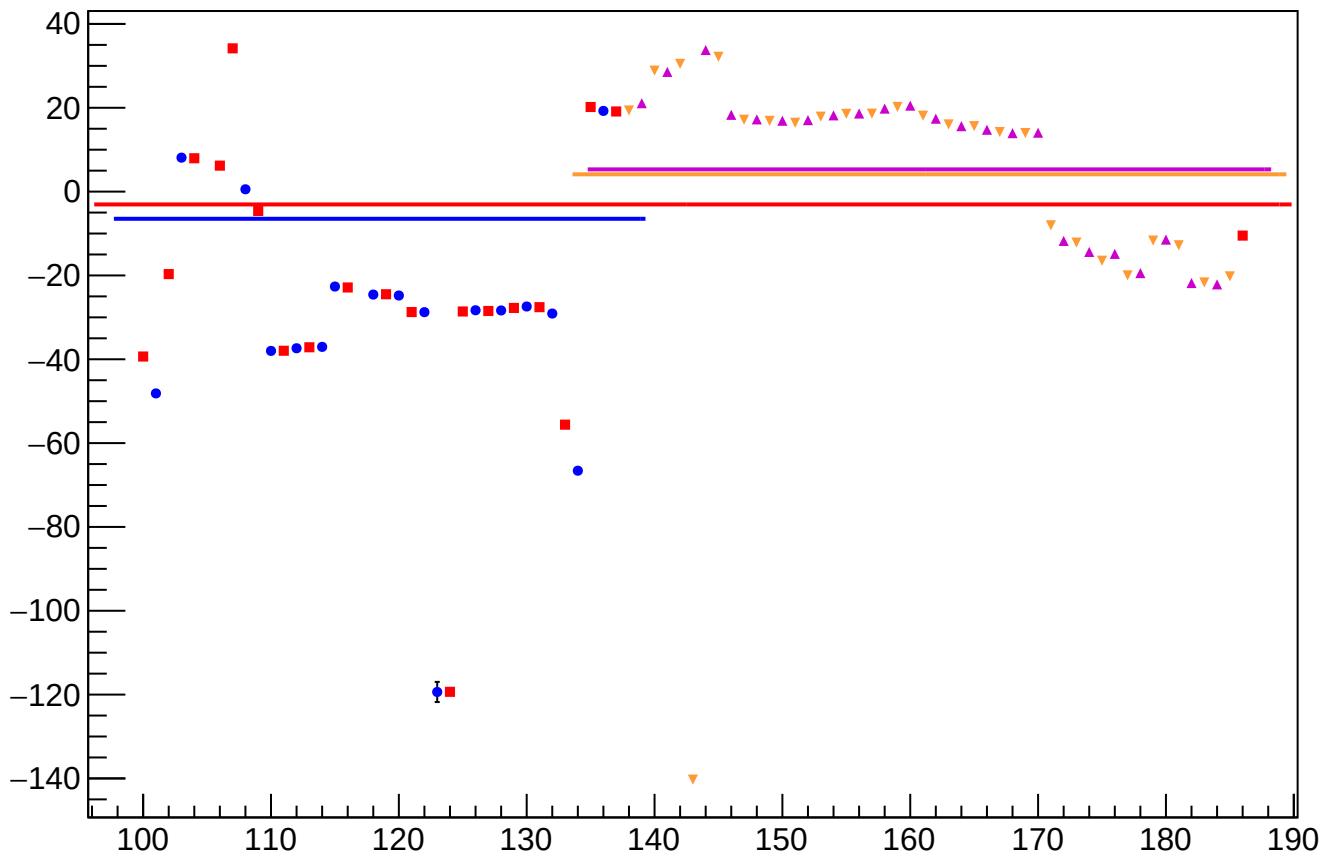
Left In: 3.812 ± 0.361 χ^2/NDF : 2203.5/22

+ sign 6.199 ± 0.331 χ^2/NDF : 3951.0/41

All: 6.047 ± 0.234 χ^2/NDF : 7472.8/84

- sign 5.895 ± 0.331 χ^2/NDF : 3521.4/42

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 4.121 ± 0.016 χ^2/NDF : 1340176.5/24

Right Out: -3.061 ± 0.045 χ^2/NDF : 267440.4/19

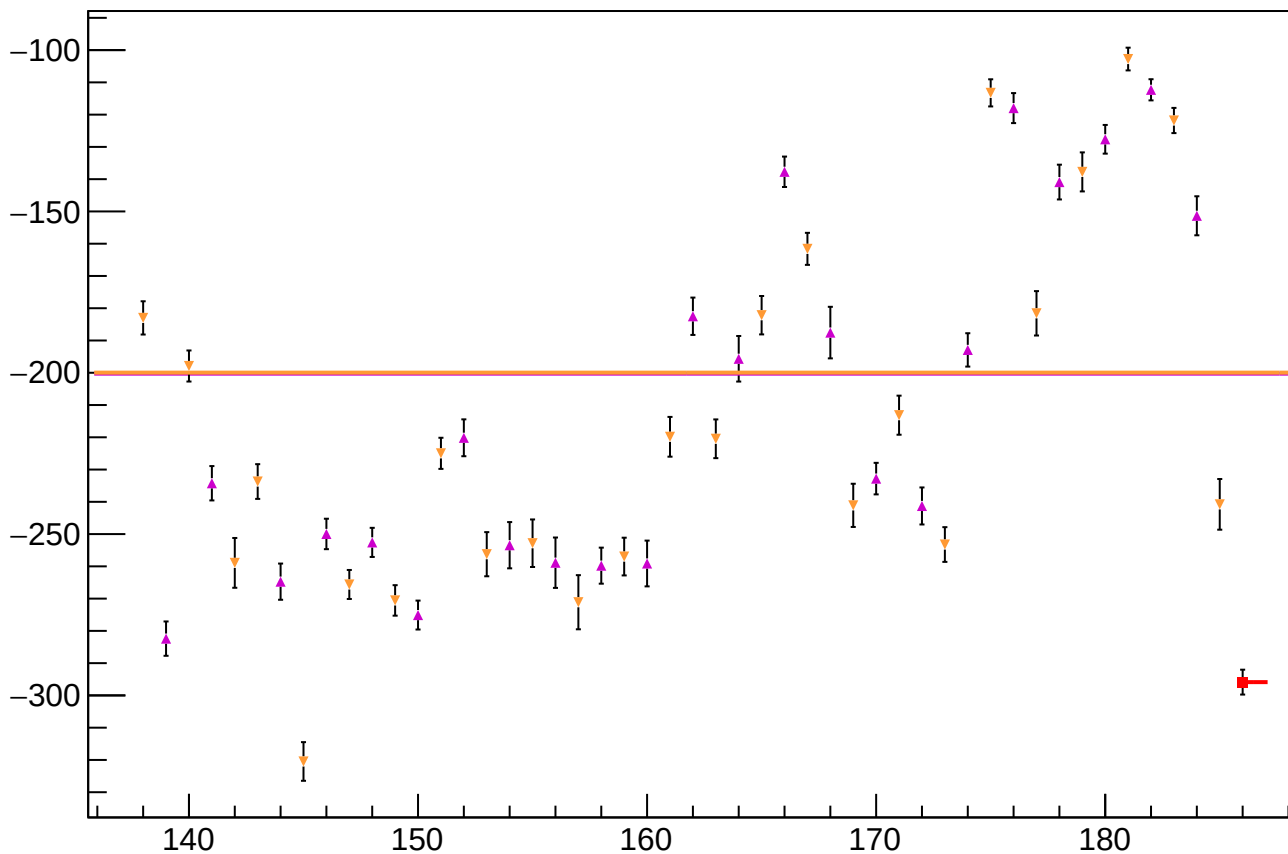
Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

+ sign 2.937 ± 0.015 χ^2/NDF : 1652843.2/41

All: 3.631 ± 0.011 χ^2/NDF : 3044758.2/84

- sign 4.320 ± 0.015 χ^2/NDF : 1387878.4/42

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -199.957 $\pm$ 1.082 χ^2 /NDF:3220.5/24

Right Out: -295.882 $\pm$ 3.855 χ^2 /NDF: 0.0/0

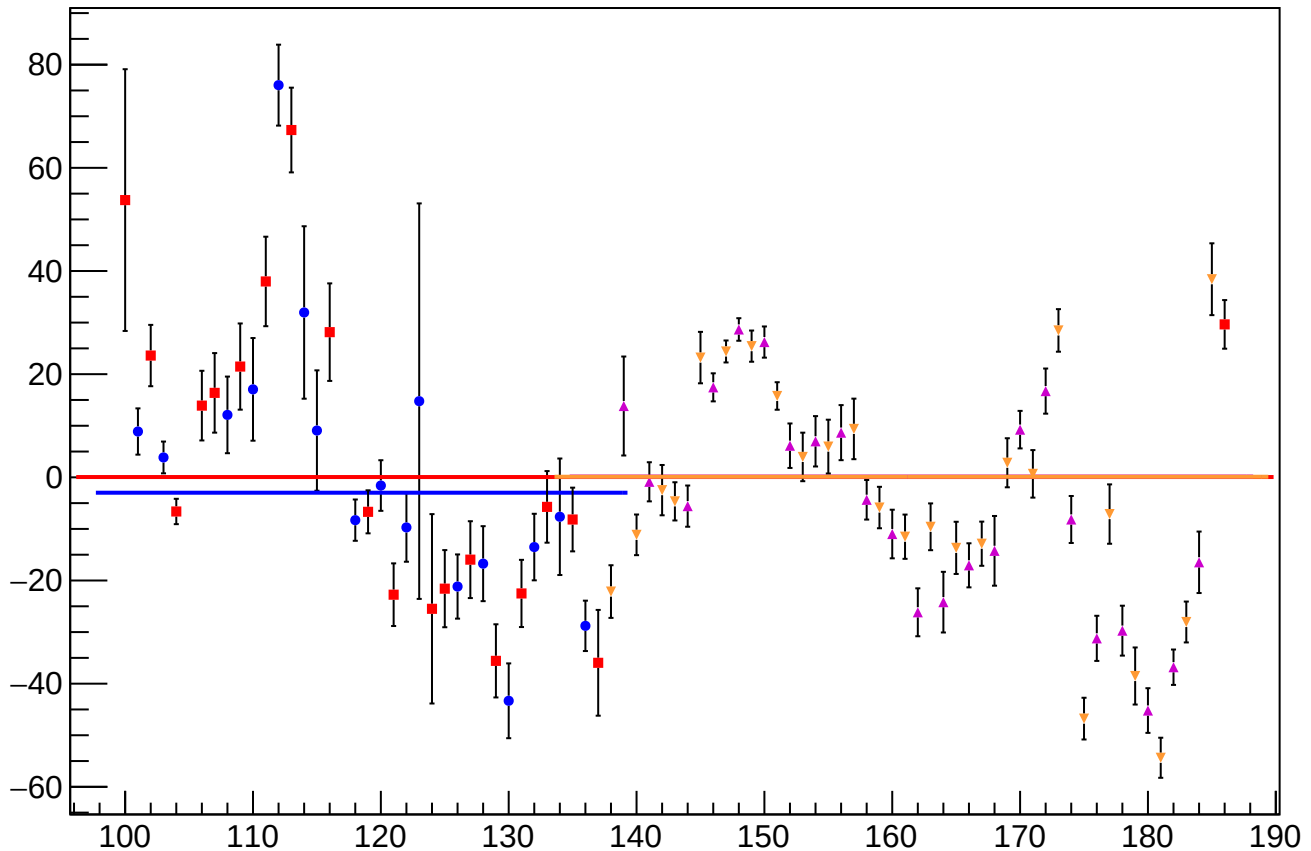
Left In: -200.276 $\pm$ 1.093 χ^2 /NDF:3013.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -203.778 $\pm$ 0.754 χ^2 /NDF: 6827.8/48

- sign -207.393 $\pm$ 1.052 χ^2 /NDF: 3583.0/23

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: 0.116 ± 0.810 χ^2/NDF : 830.1/24

Right Out: 0.058 ± 1.341 χ^2/NDF : 261.0/19

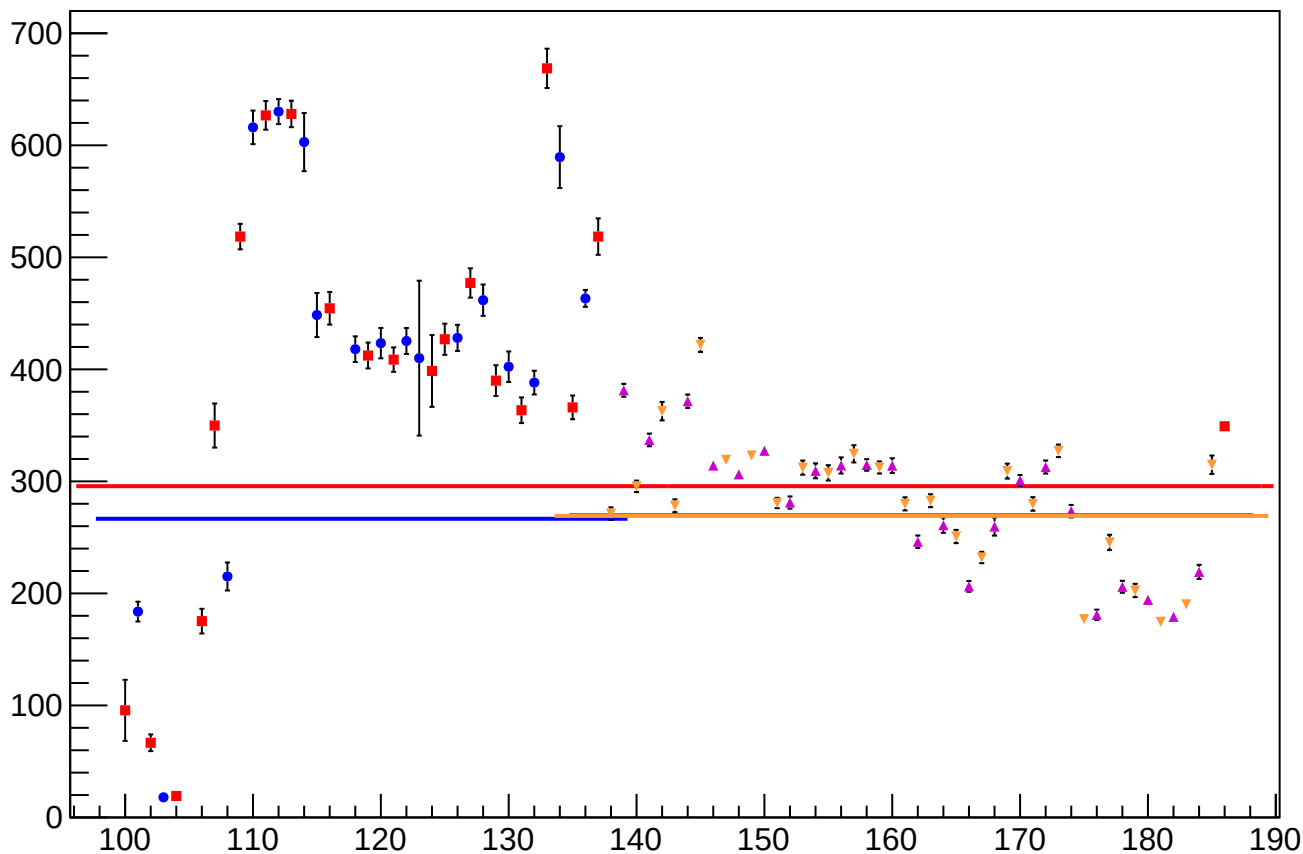
Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

+ sign -0.621 ± 0.708 χ^2/NDF : 1037.5/41

All: -0.248 ± 0.501 χ^2/NDF : 2018.7/84

- sign 0.127 ± 0.709 χ^2/NDF : 980.6/42

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

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

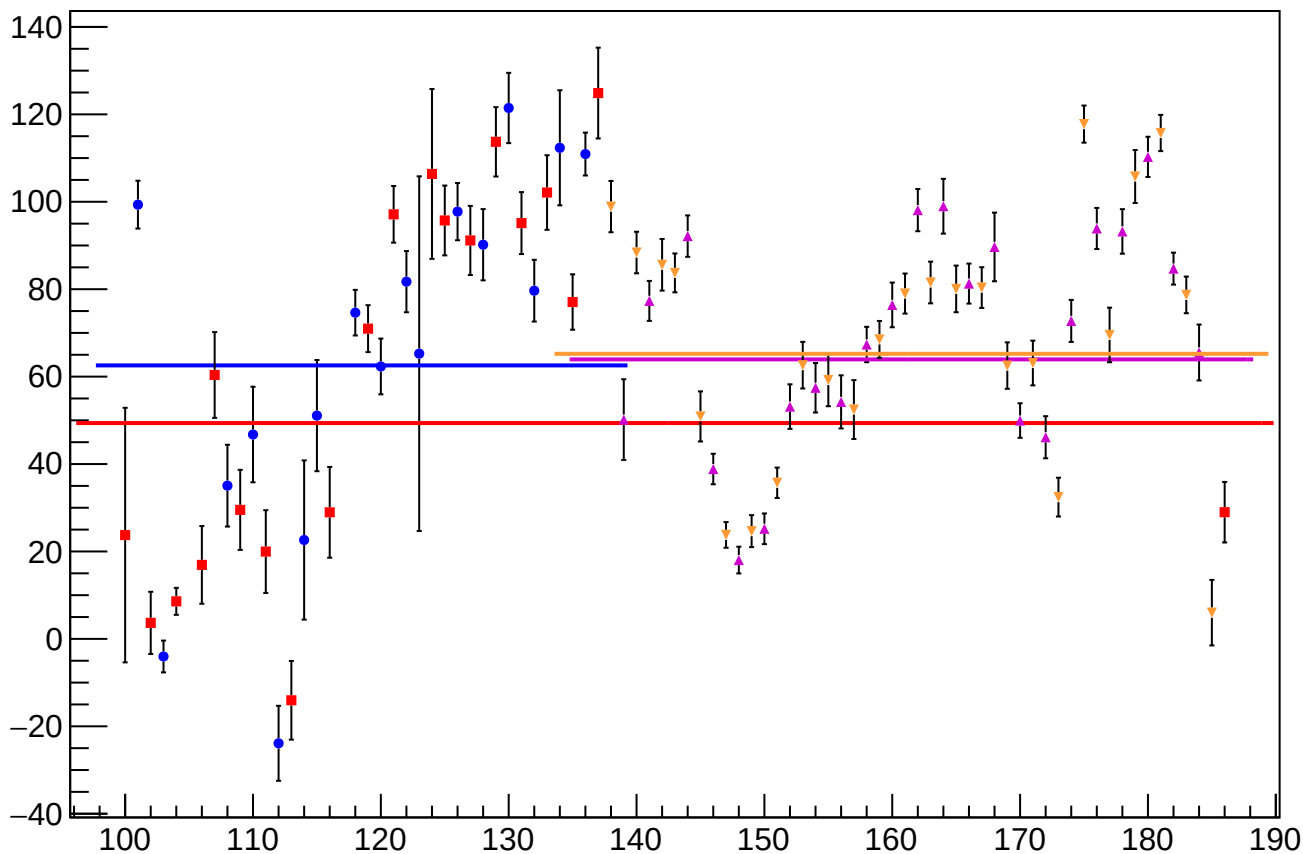
Left In: 269.798 $\pm$ 1.087 χ^2 /NDF: 3234.9/22

+ sign 268.772 $\pm$ 0.991 χ^2 /NDF: 10812.1/41

All: 272.601 $\pm$ 0.684 χ^2 /NDF: 22917.6/84

- sign 276.092 $\pm$ 0.946 χ^2 /NDF: 12077.0/42

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 65.214 $\pm$ 0.938 χ^2 /NDF:1005.7/24

Right Out: 49.377 $\pm$ 1.599 χ^2 /NDF: 666.2/19

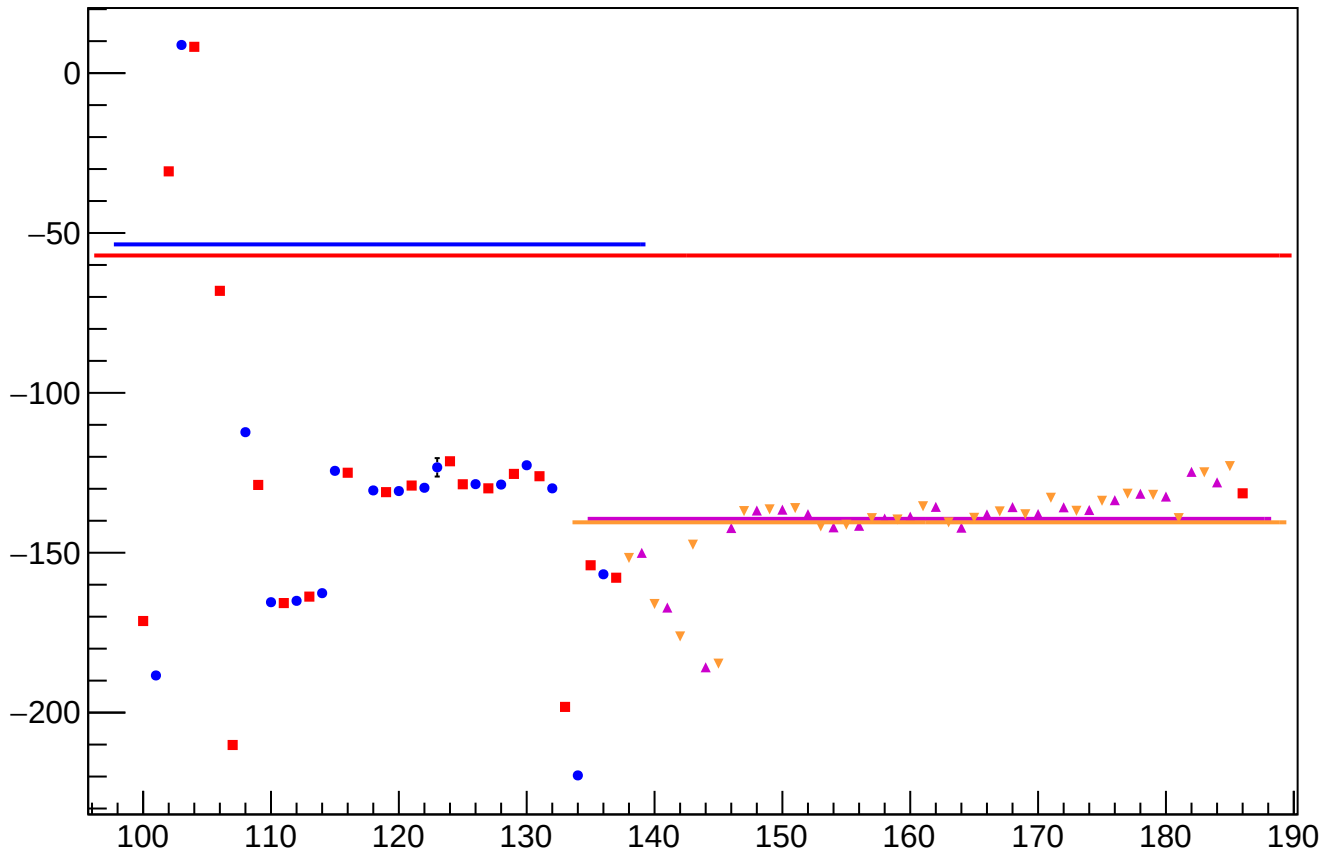
Left In: 63.944 $\pm$ 0.961 χ^2 /NDF:803.4/22

+ sign 64.584 $\pm$ 0.819 χ^2 /NDF: 1730.0/41

All: 62.345 $\pm$ 0.581 χ^2 /NDF: 3275.5/84

- sign 60.081 $\pm$ 0.823 χ^2 /NDF: 1530.5/42

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -140.489 ± 0.045 χ^2/NDF : 77350.7/24

Right Out: -57.036 ± 0.071 χ^2/NDF : 992154.3/19

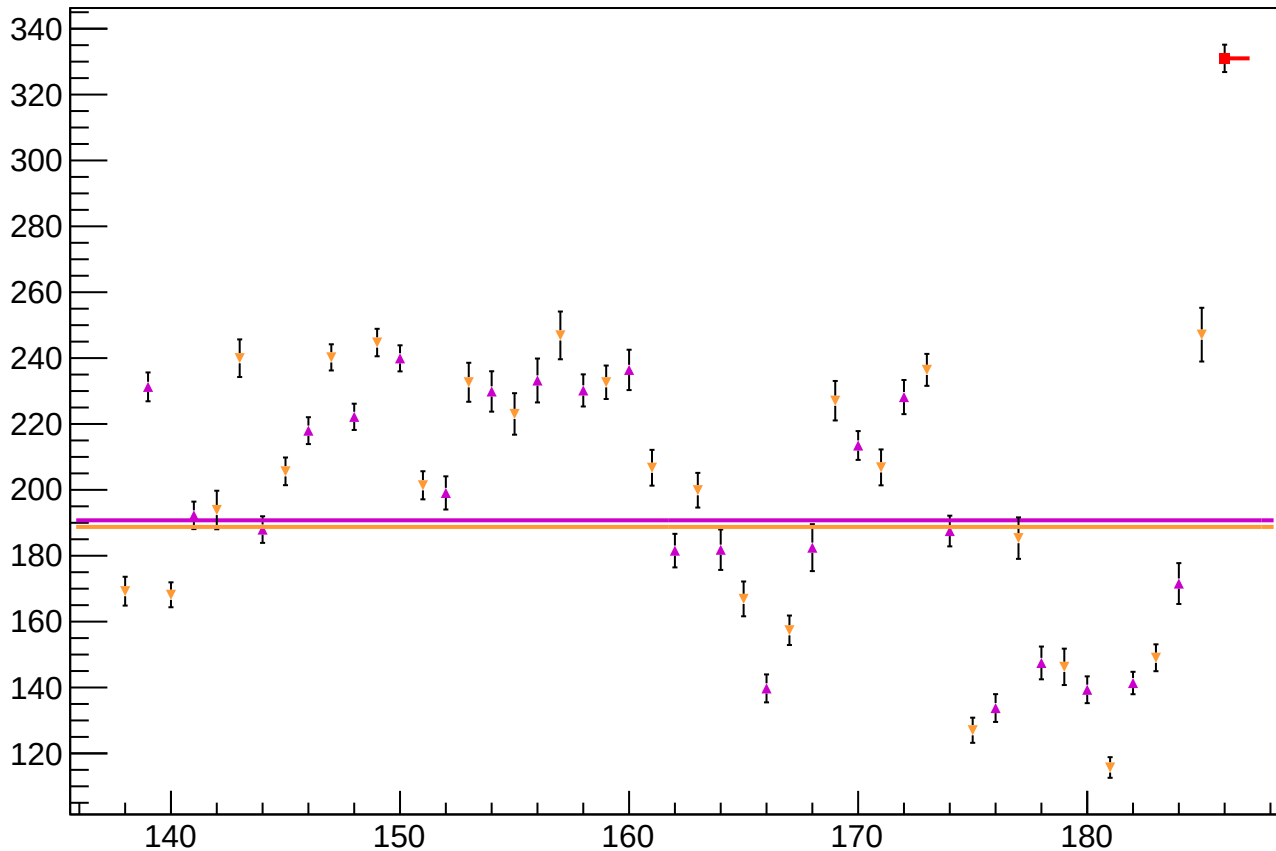
Left In: -139.406 ± 0.045 χ^2/NDF : 62878.4/22

+ sign -115.457 ± 0.038 χ^2/NDF : 2396927.2/41

All: -115.730 ± 0.027 χ^2/NDF : 4410851.6/84

- sign -116.005 ± 0.038 χ^2/NDF : 2013819.4/42

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 188.749+/-0.958 χ^2/NDF : 1968.6/24

Right Out: 330.994+/-4.156 χ^2/NDF : 0.0/0

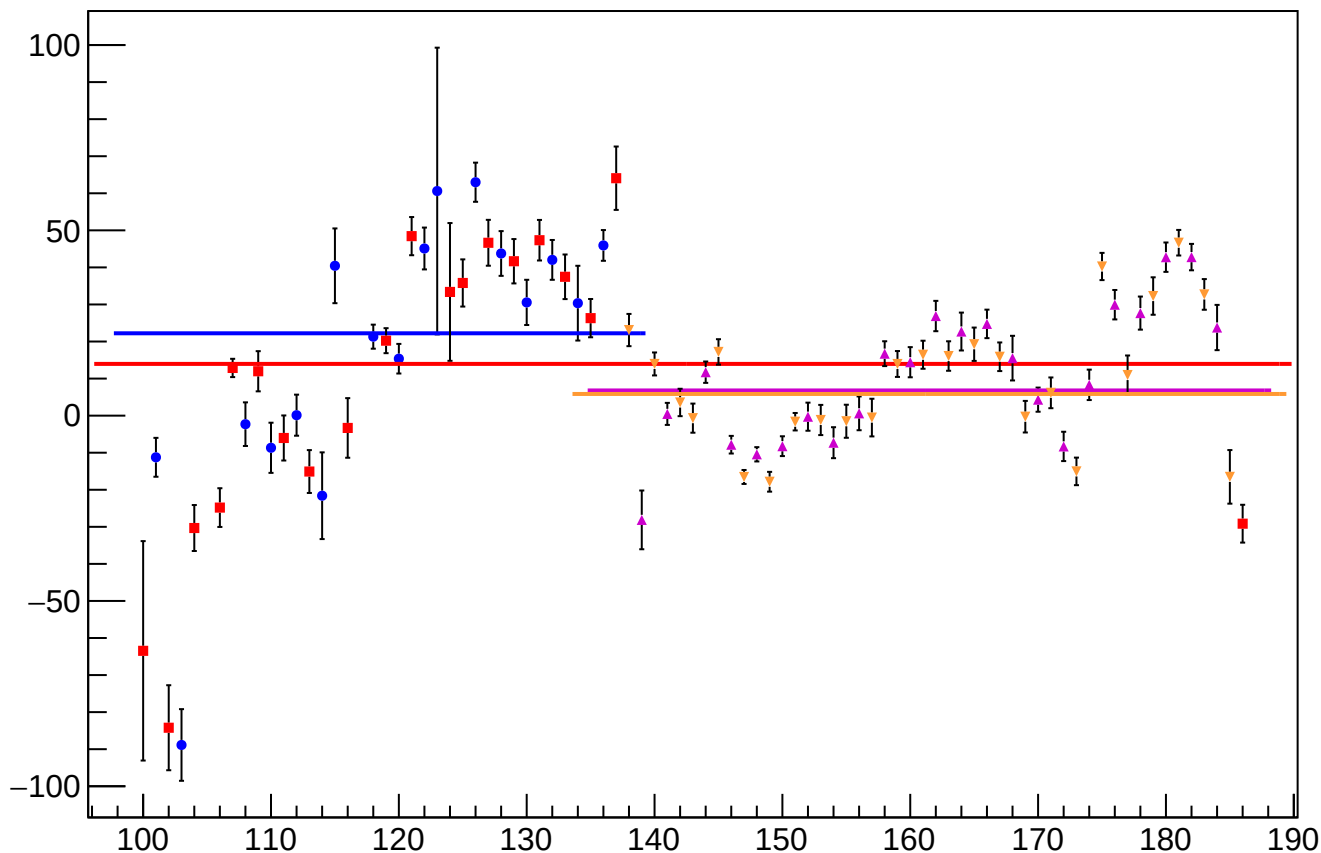
Left In: 190.753+/-0.971 χ^2/NDF : 1421.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.441+/-0.673 χ^2/NDF : 4517.4/48

- sign 198.011+/-0.946 χ^2/NDF : 2501.5/23

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 $\pm$ 1.374 χ^2/NDF : 385.6/16

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

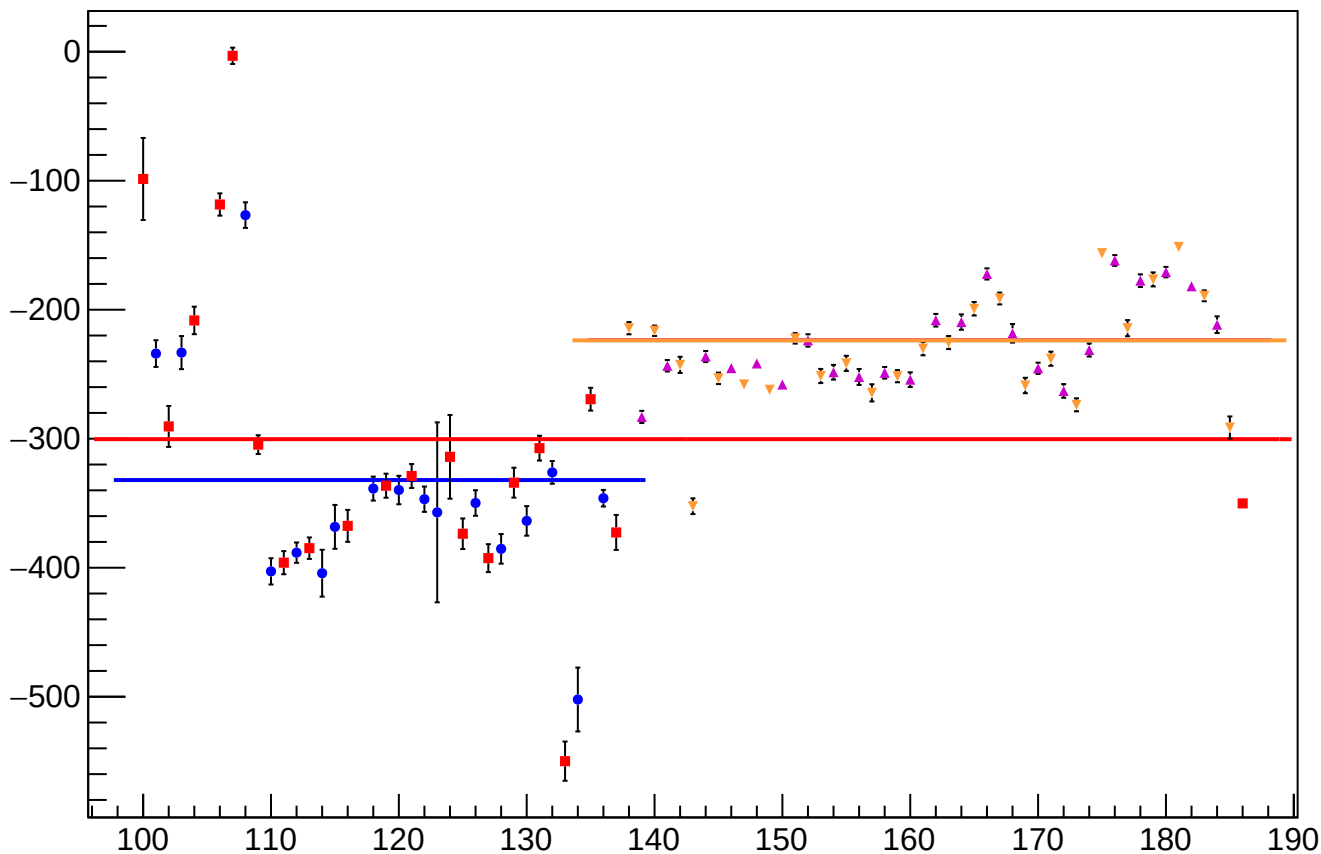
Left In: 6.797 $\pm$ -0.735 χ^2/NDF :525.8/22

+ sign 9.336 $\pm$ -0.634 χ^2/NDF : 1148.0/41

All: 9.045 $\pm$ -0.445 χ^2/NDF : 2201.8/84

- sign 8.762 $\pm$ -0.626 χ^2/NDF : 1053.4/42

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -223.752 ± 0.958 χ^2/NDF : 2021.5/24

Right Out: -300.353 ± 1.903 χ^2/NDF : 3699.7/19

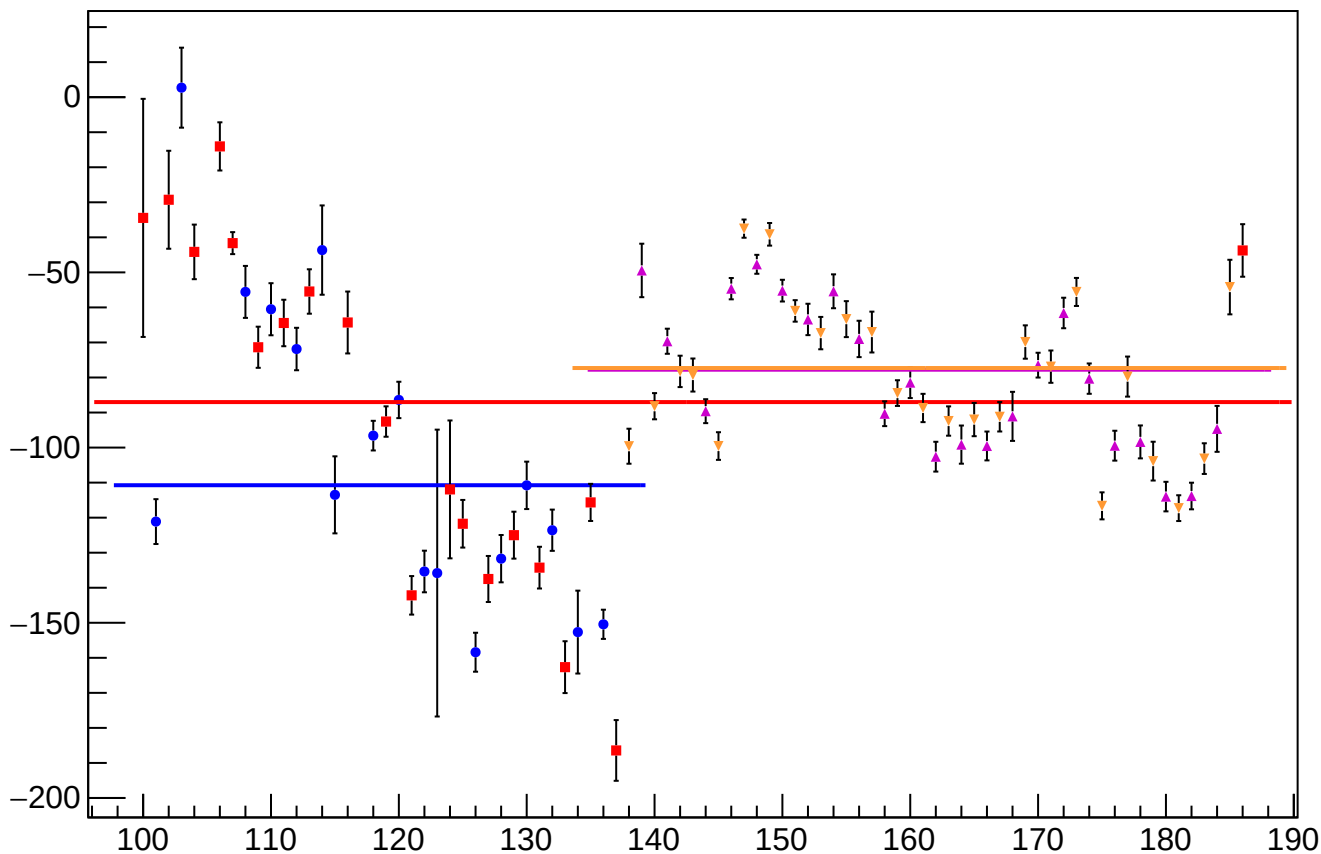
Left In: -223.554 ± 0.966 χ^2/NDF : 1286.5/22

+ sign -237.034 ± 0.897 χ^2/NDF : 4373.8/41

All: -238.204 ± 0.621 χ^2/NDF : 10658.6/84

- sign -239.281 ± 0.861 χ^2/NDF : 6281.5/42

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -77.296 ± 0.829 χ^2/NDF : 844.6/24

Right Out: -87.016 ± 1.409 χ^2/NDF : 1004.2/19

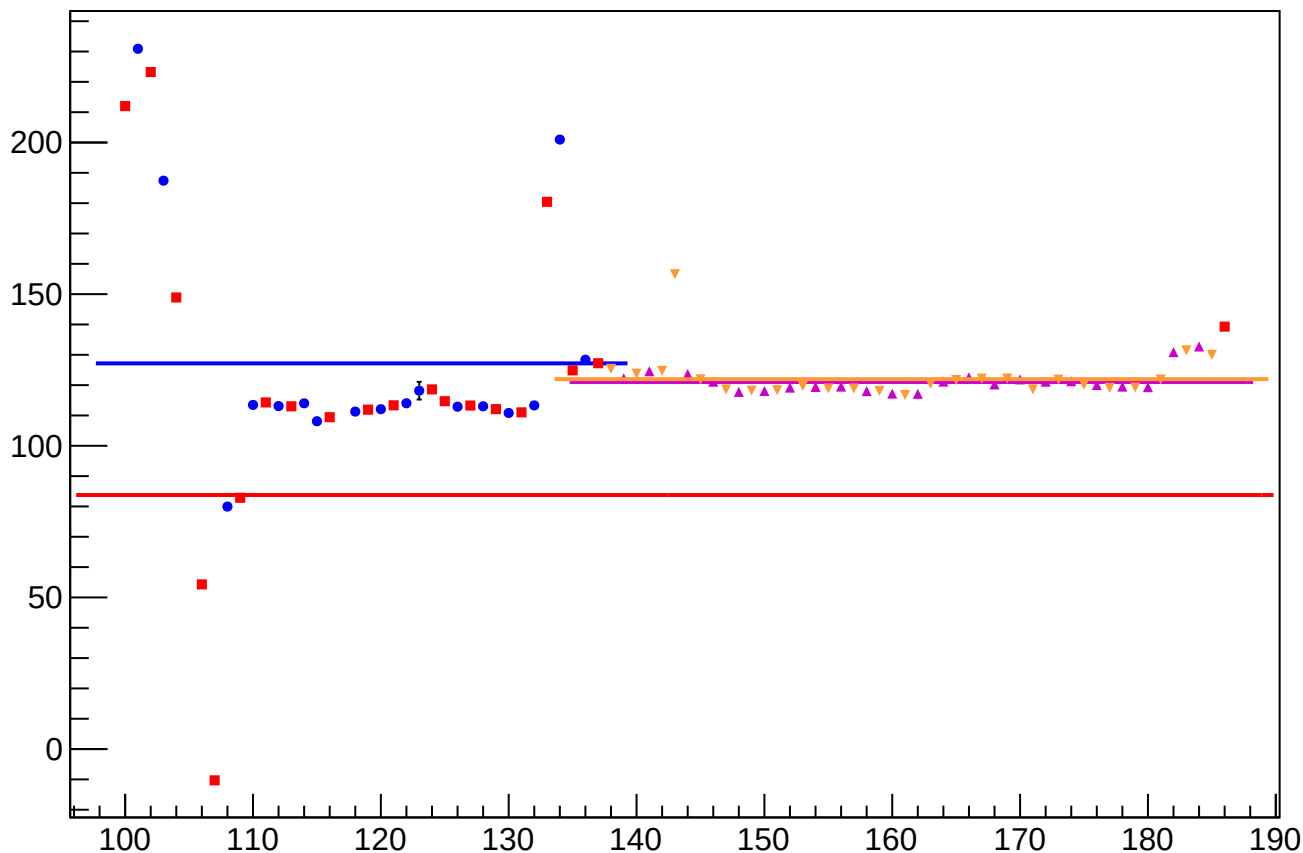
Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

+ sign -84.530 ± 0.734 χ^2/NDF : 1710.3/41

All: -82.356 ± 0.516 χ^2/NDF : 3388.0/84

- sign -80.228 ± 0.726 χ^2/NDF : 1660.3/42

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 ± 0.089 χ^2/NDF : 188050.9/16

Left Out: 121.972 ± 0.039 χ^2/NDF : 27431.1/24

Right Out: 83.766 ± 0.075 χ^2/NDF : 776525.6/19

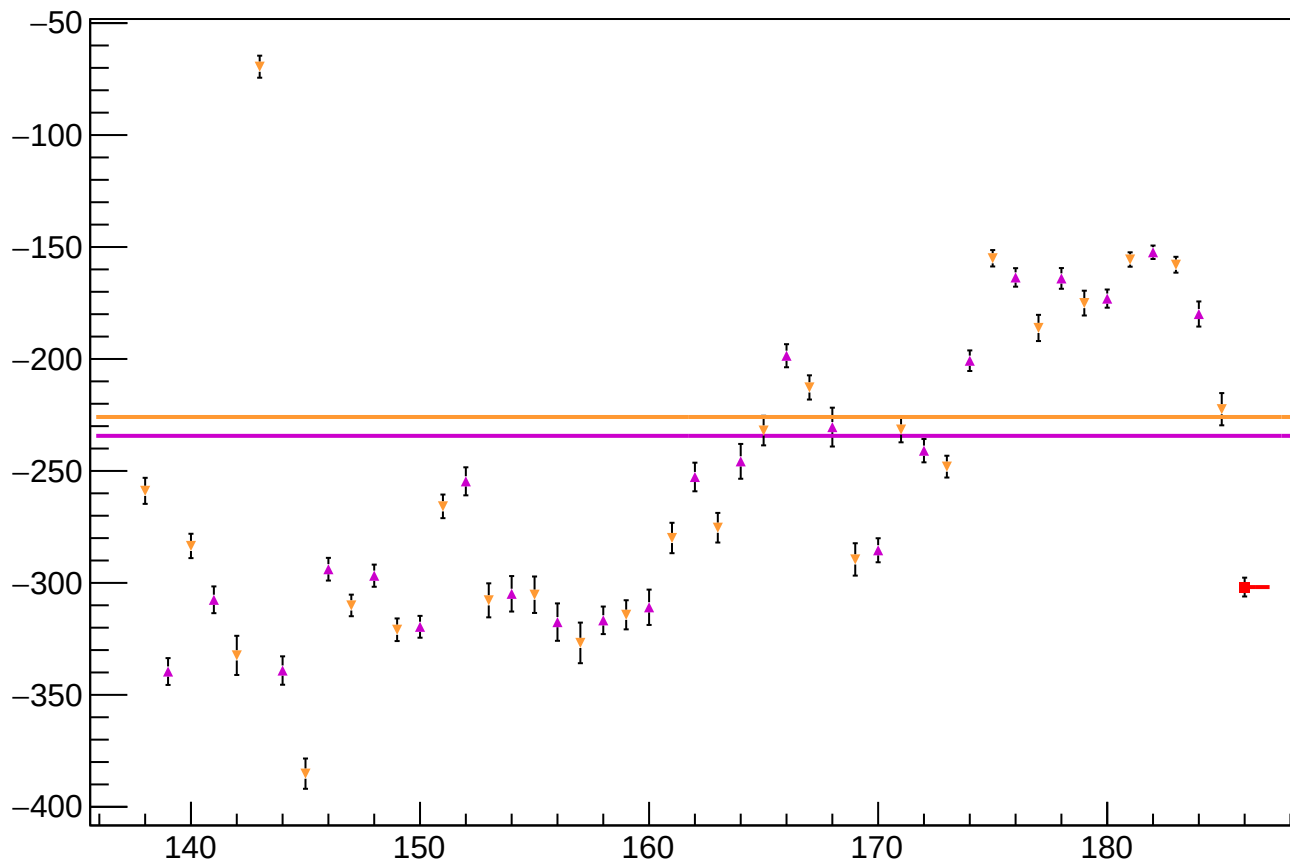
Left In: 121.045 ± 0.040 χ^2/NDF : 7903.5/22

+ sign 122.829 ± 0.036 χ^2/NDF : 218340.3/41

All: 117.682 ± 0.025 χ^2/NDF : 1237139.3/84

- sign 112.858 ± 0.035 χ^2/NDF : 979423.8/42

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -225.905 $\pm$ 1.083 χ^2 /NDF:4669.2/24

Right Out: -301.864 $\pm$ 4.204 χ^2 /NDF: 0.0/0

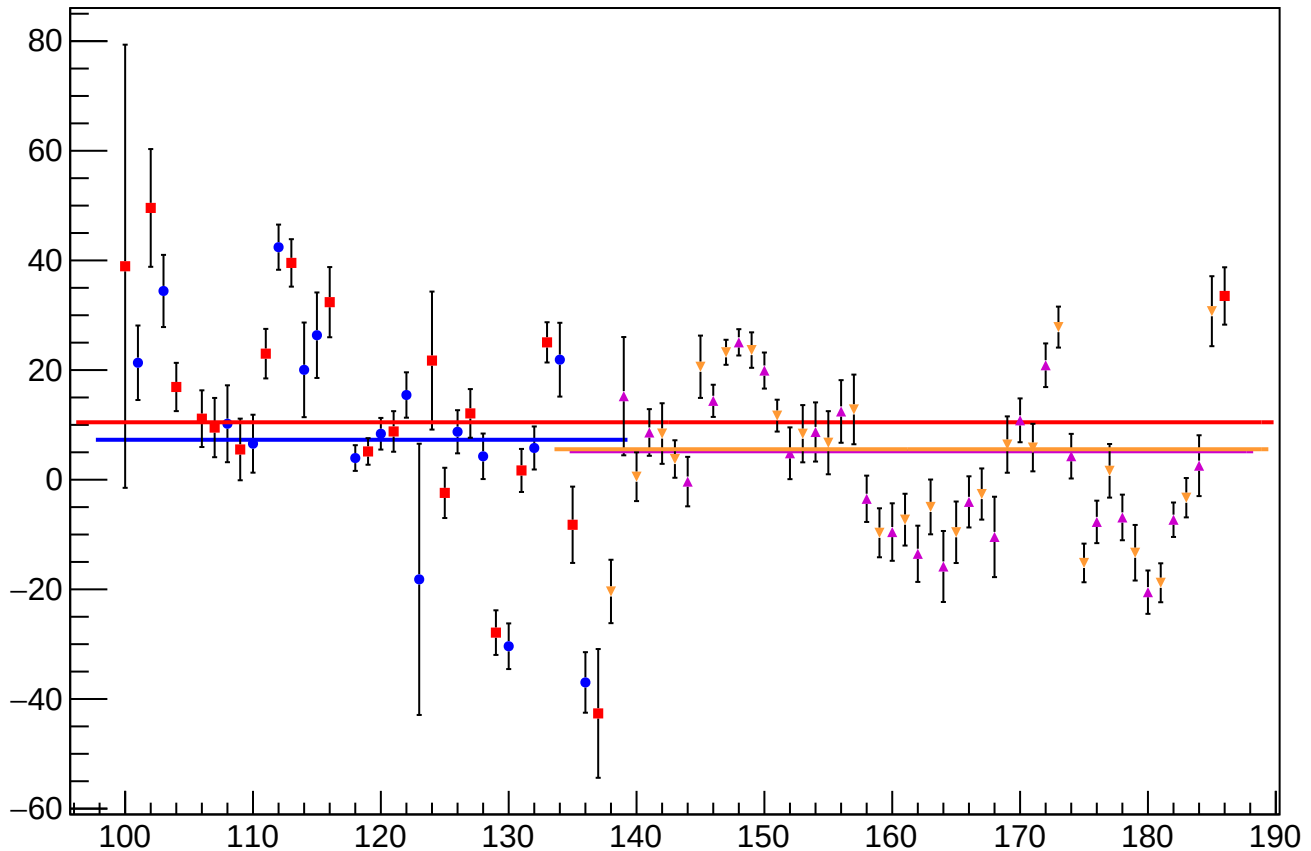
Left In: -234.328 $\pm$ 1.104 χ^2 /NDF:3591.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -232.388 $\pm$ 0.761 χ^2 /NDF: 8573.1/48

- sign -238.688 $\pm$ 1.068 χ^2 /NDF: 3833.4/23

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284 ± 1.084 χ^2/NDF : 261.0/16

Left Out: 5.558 ± 0.832 χ^2/NDF : 313.4/24

Right Out: 10.476 ± 1.053 χ^2/NDF : 251.7/19

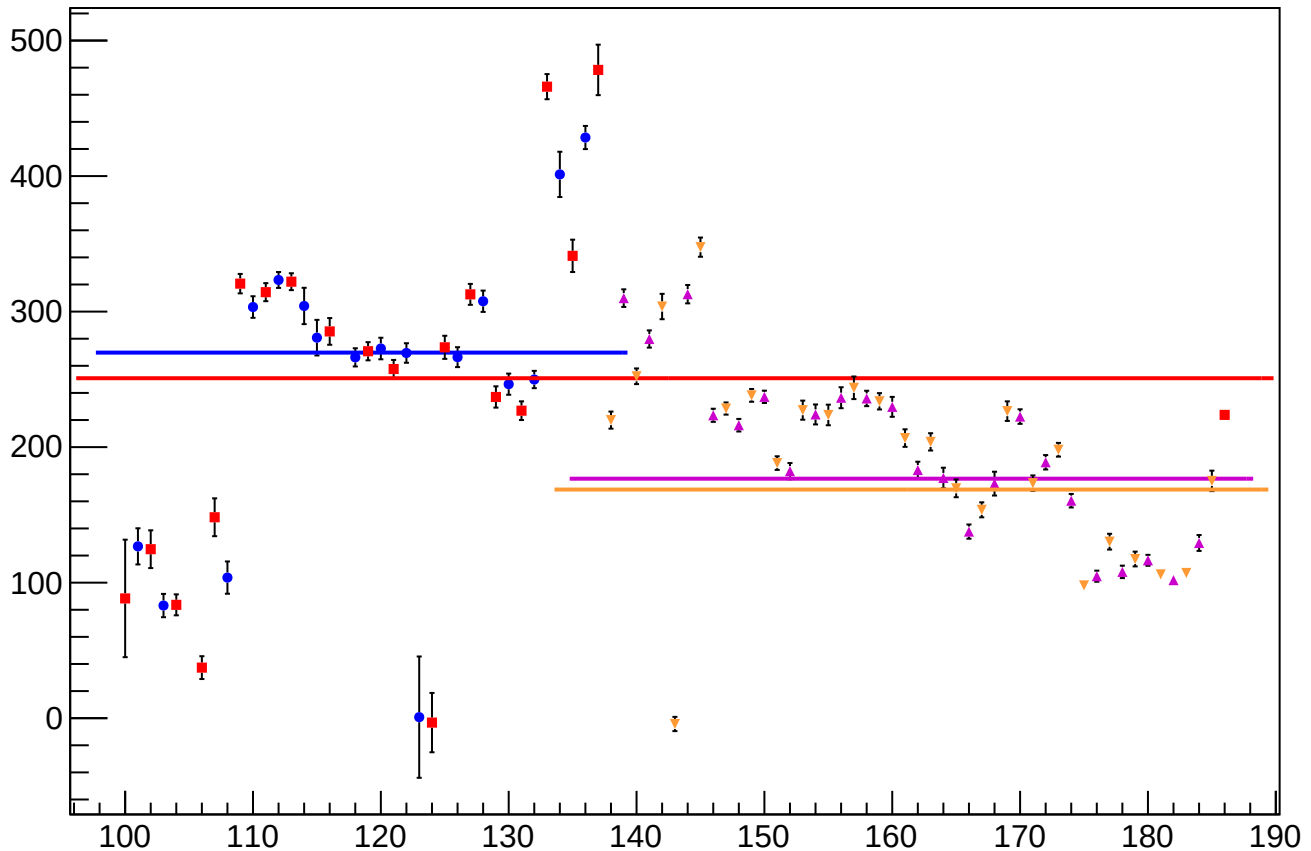
Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

+ sign 6.199 ± 0.660 χ^2/NDF : 576.1/41

All: 6.753 ± 0.470 χ^2/NDF : 1087.5/84

- sign 7.324 ± 0.669 χ^2/NDF : 510.0/42

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 ± 2.071 χ^2/NDF : 1374.1/16

Left Out: 168.699 ± 1.086 χ^2/NDF : 4238.2/24

Right Out: 250.845 ± 1.705 χ^2/NDF : 2628.7/19

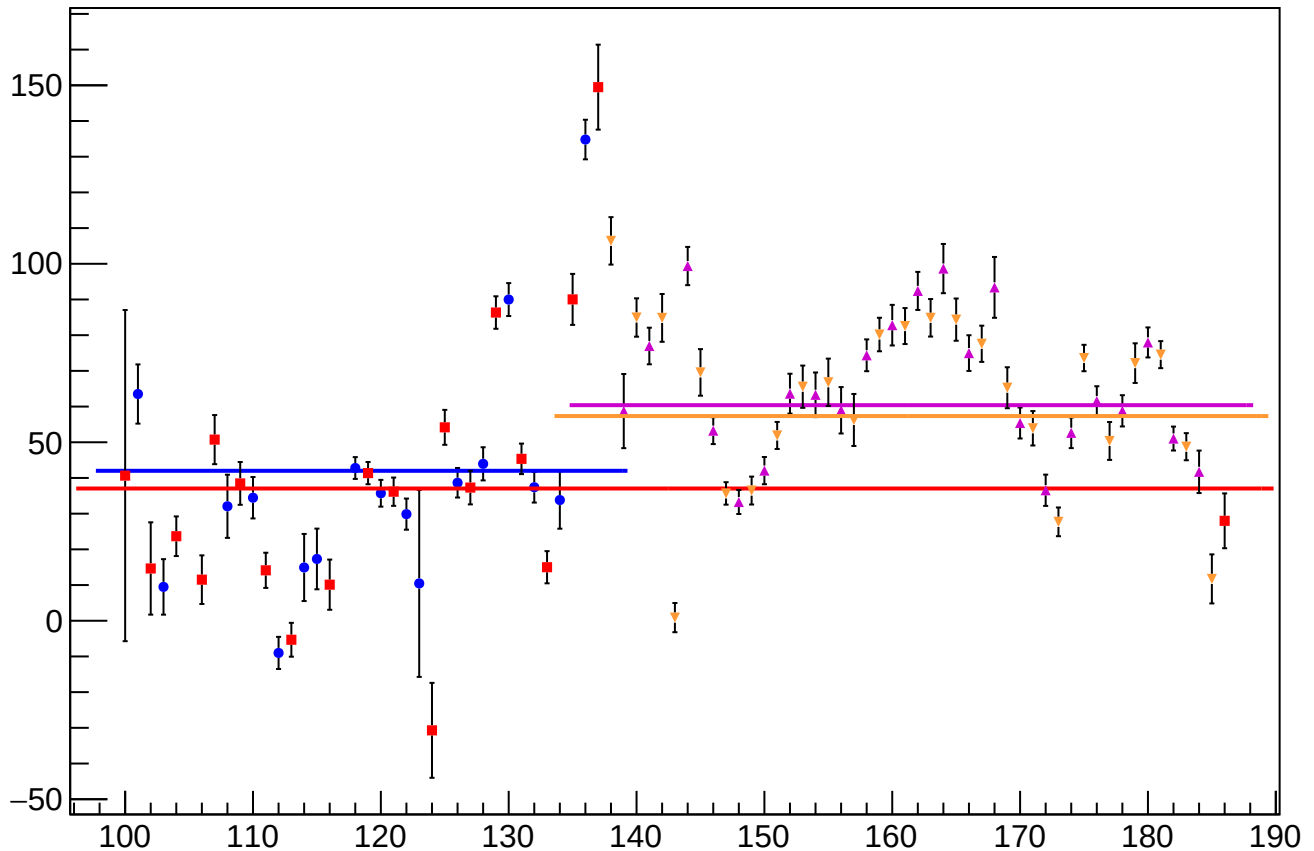
Left In: 176.711 ± 1.102 χ^2/NDF : 3234.3/22

+ sign 190.500 ± 0.962 χ^2/NDF : 7478.7/41

All: 194.685 ± 0.667 χ^2/NDF : 14712.0/84

- sign 198.556 ± 0.925 χ^2/NDF : 7196.9/42

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2/NDF : 575.6/16

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

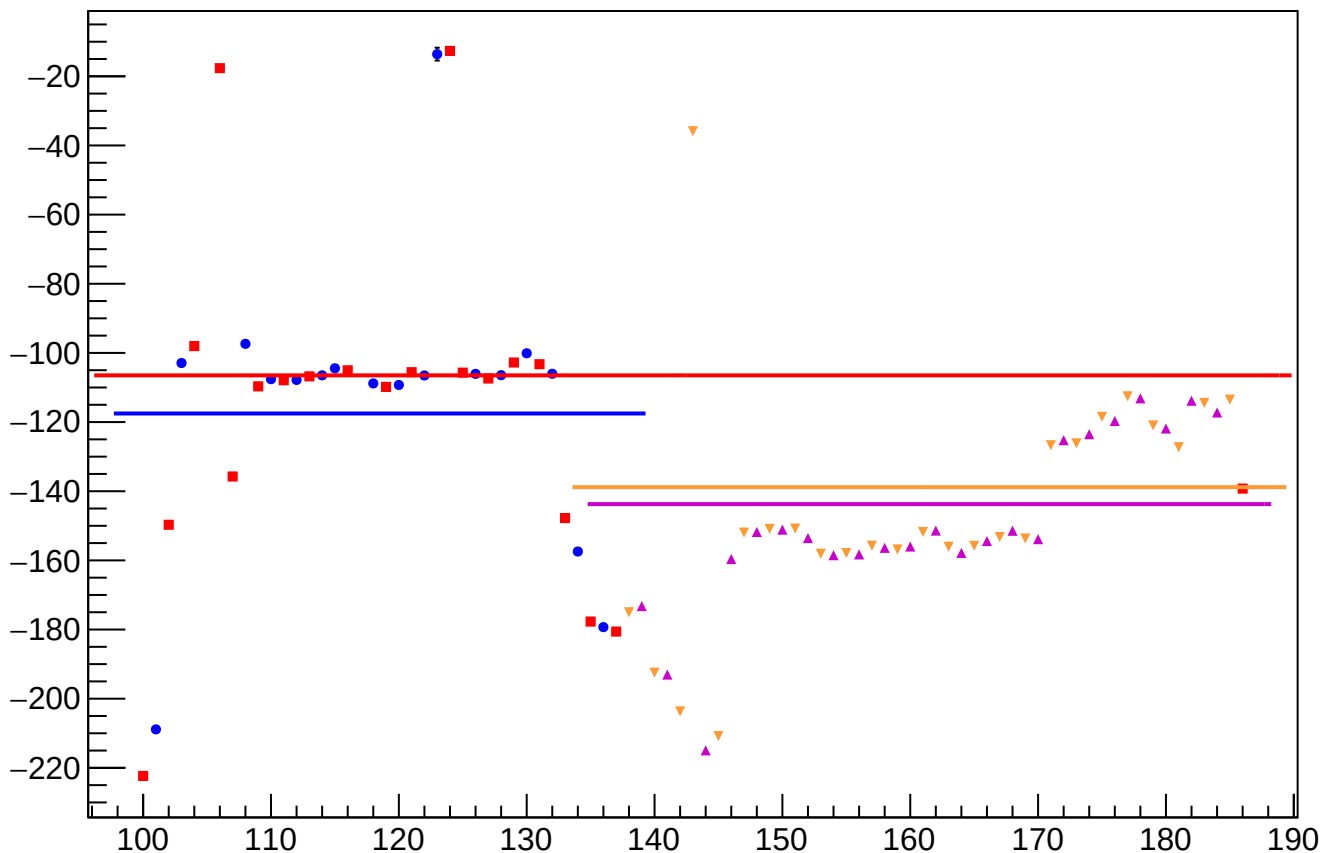
Left In: 60.392 $\pm$ 0.987 χ^2/NDF : 341.2/22

+ sign 51.712 $\pm$ 0.761 χ^2/NDF : 1311.5/41

All: 51.443 $\pm$ 0.540 χ^2/NDF : 2347.9/84

- sign 51.169 $\pm$ 0.768 χ^2/NDF : 1036.2/42

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -138.821+/-0.045 χ^2/NDF : 525537.6/24

Right Out: -106.489+/-0.072 χ^2/NDF : 328057.3/19

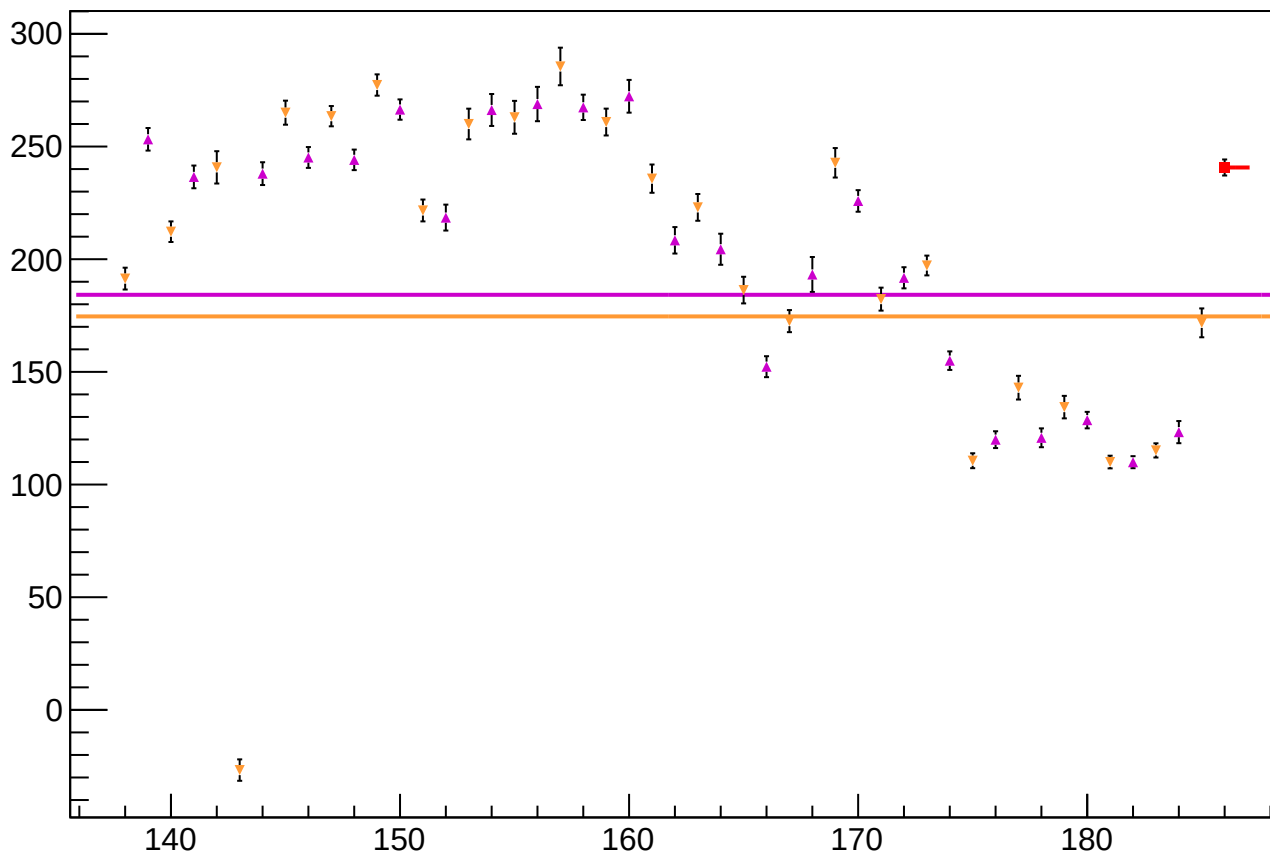
Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

+ sign -133.447+/-0.039 χ^2/NDF : 723339.1/41

All: -133.218+/-0.028 χ^2/NDF : 1502082.3/84

- sign -132.994+/-0.039 χ^2/NDF : 778675.6/42

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 174.613+/-0.969 χ^2/NDF : 5551.3/24

Right Out: 240.702+/-3.560 χ^2/NDF : 0.0/0

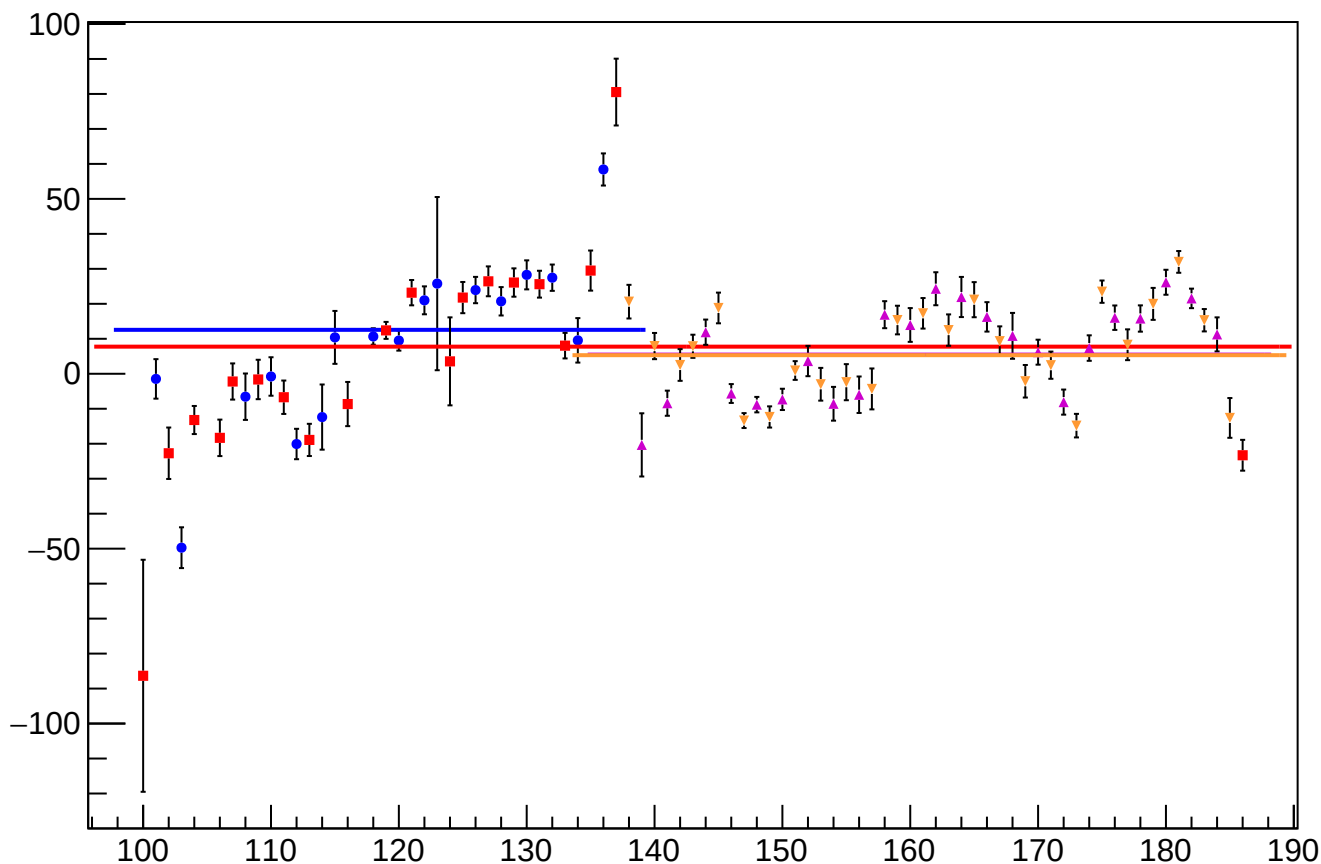
Left In: 184.205+/-0.987 χ^2/NDF : 3637.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.553+/-0.679 χ^2/NDF : 9523.0/48

- sign 188.236+/-0.951 χ^2/NDF : 3871.0/23

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 $\pm$ 1.056 χ^2 /NDF: 347.7/16

Left Out: 5.314 $\pm$ 0.750 χ^2 /NDF: 345.1/24

Right Out: 7.754 $\pm$ 1.022 χ^2 /NDF: 348.7/19

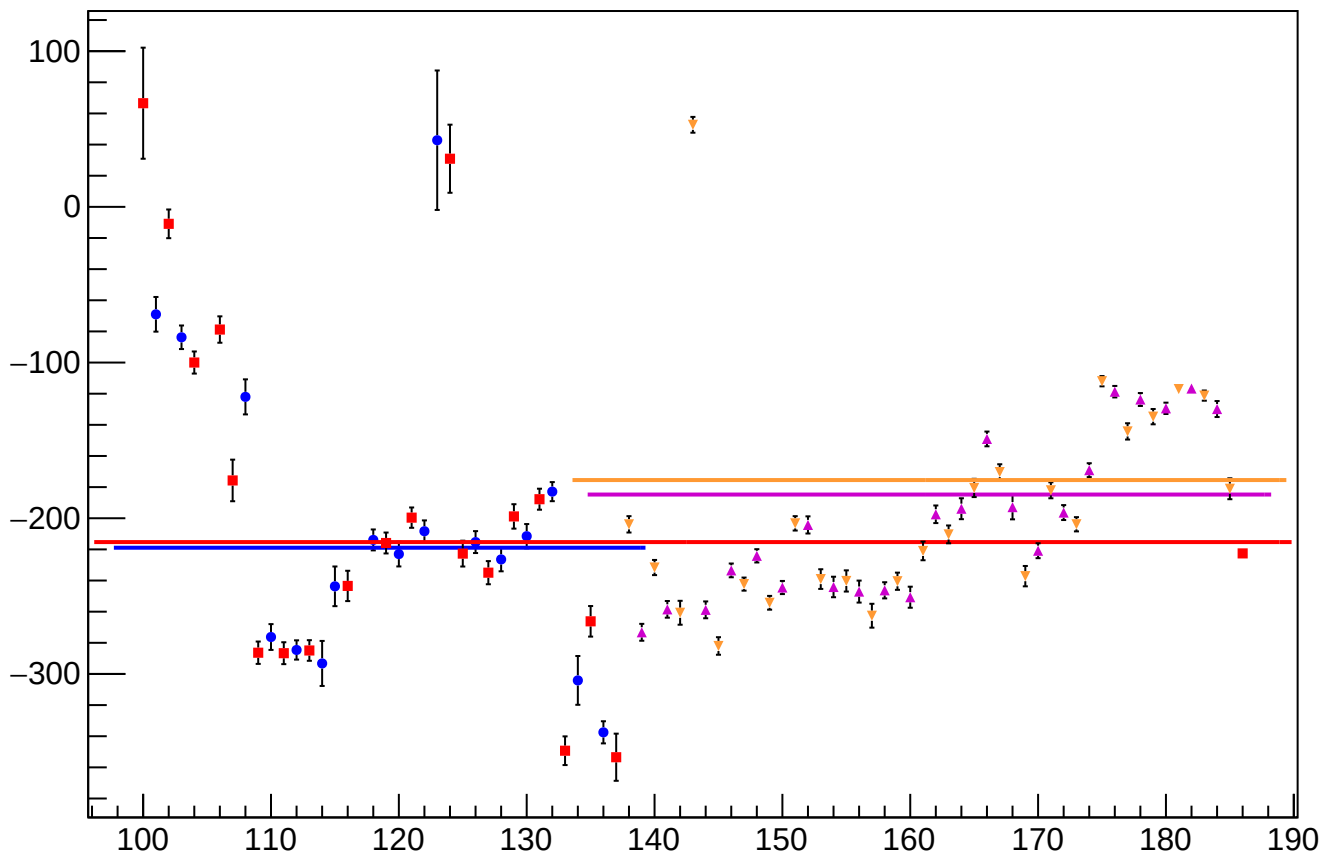
Left In: 5.483 $\pm$ 0.779 χ^2 /NDF: 259.1/22

+ sign 7.747 $\pm$ 0.612 χ^2 /NDF: 724.2/41

All: 7.042 $\pm$ 0.435 χ^2 /NDF: 1337.8/84

- sign 6.318 $\pm$ 0.619 χ^2 /NDF: 610.9/42

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 χ^2/NDF : 1146.6/16

Left Out: -175.470 ± 0.974 χ^2/NDF : 5103.8/24

Right Out: -215.304 ± 1.593 χ^2/NDF : 1895.7/19

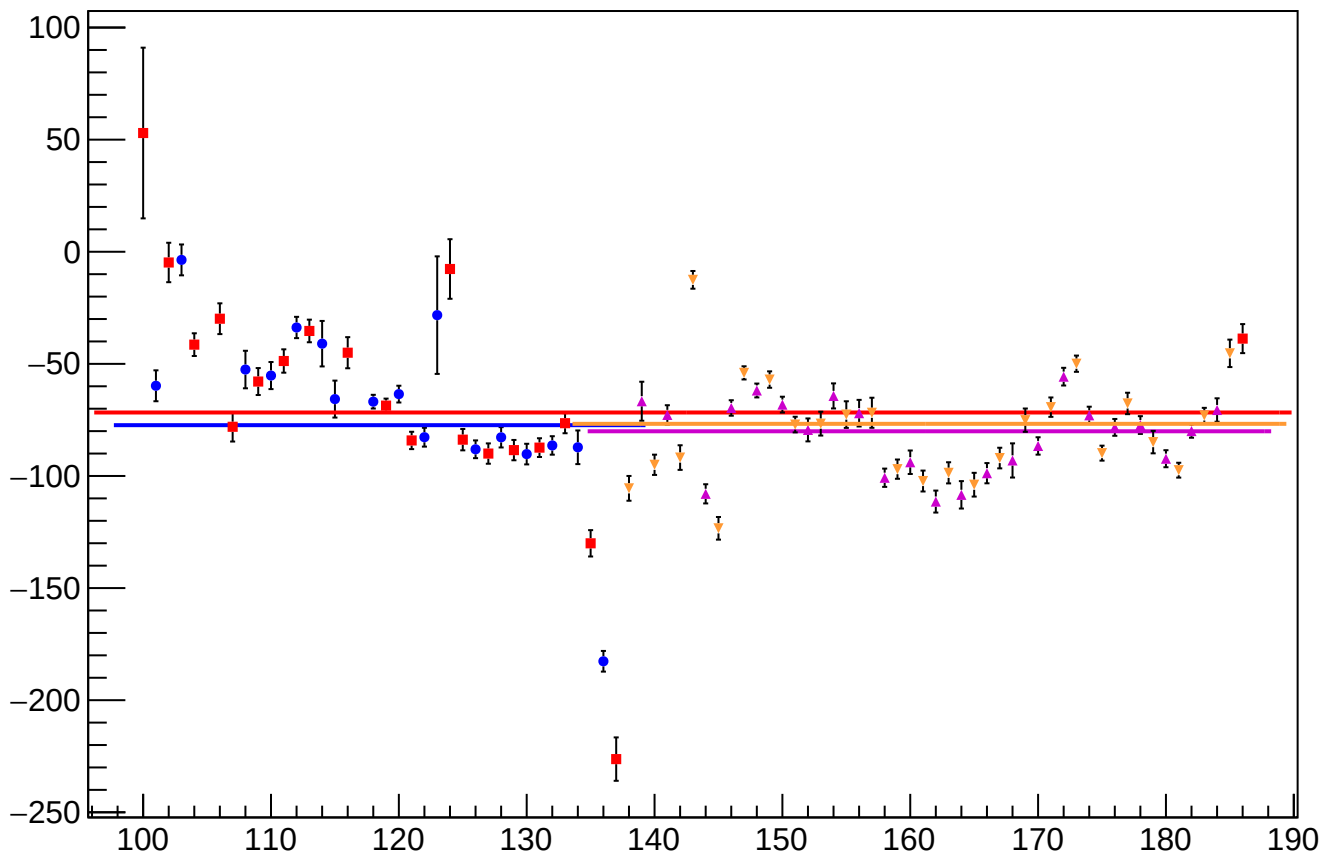
Left In: -184.774 ± 0.987 χ^2/NDF : 3082.4/22

+ sign -183.758 ± 0.876 χ^2/NDF : 6630.2/41

All: -188.702 ± 0.606 χ^2/NDF : 11934.7/84

- sign -193.238 ± 0.839 χ^2/NDF : 5243.5/42

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -76.747 ± 0.861 χ^2/NDF : 746.8/24

Right Out: -71.688 ± 1.188 χ^2/NDF : 699.7/19

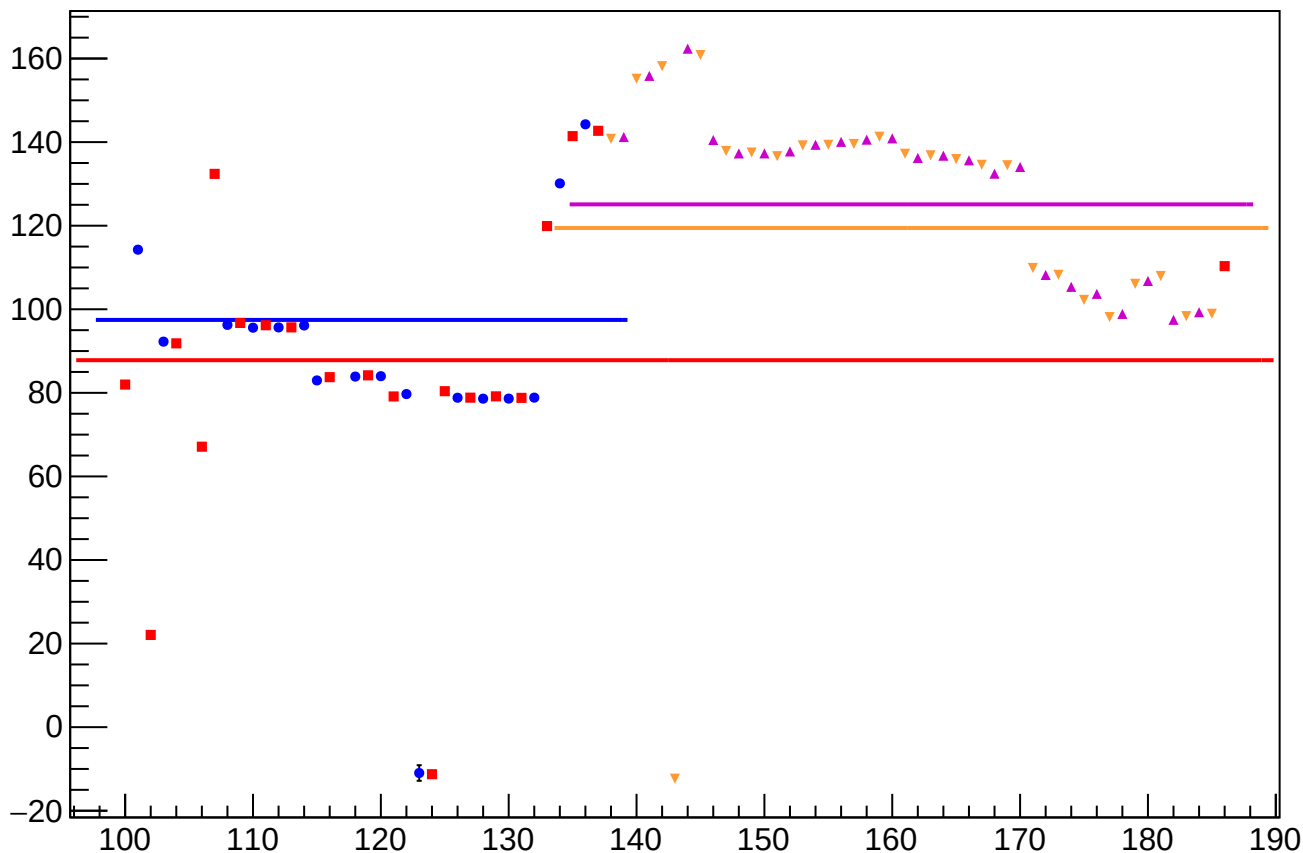
Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

+ sign -76.945 ± 0.703 χ^2/NDF : 1564.2/41

All: -77.008 ± 0.500 χ^2/NDF : 2582.7/84

- sign -77.072 ± 0.710 χ^2/NDF : 1018.4/42

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

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

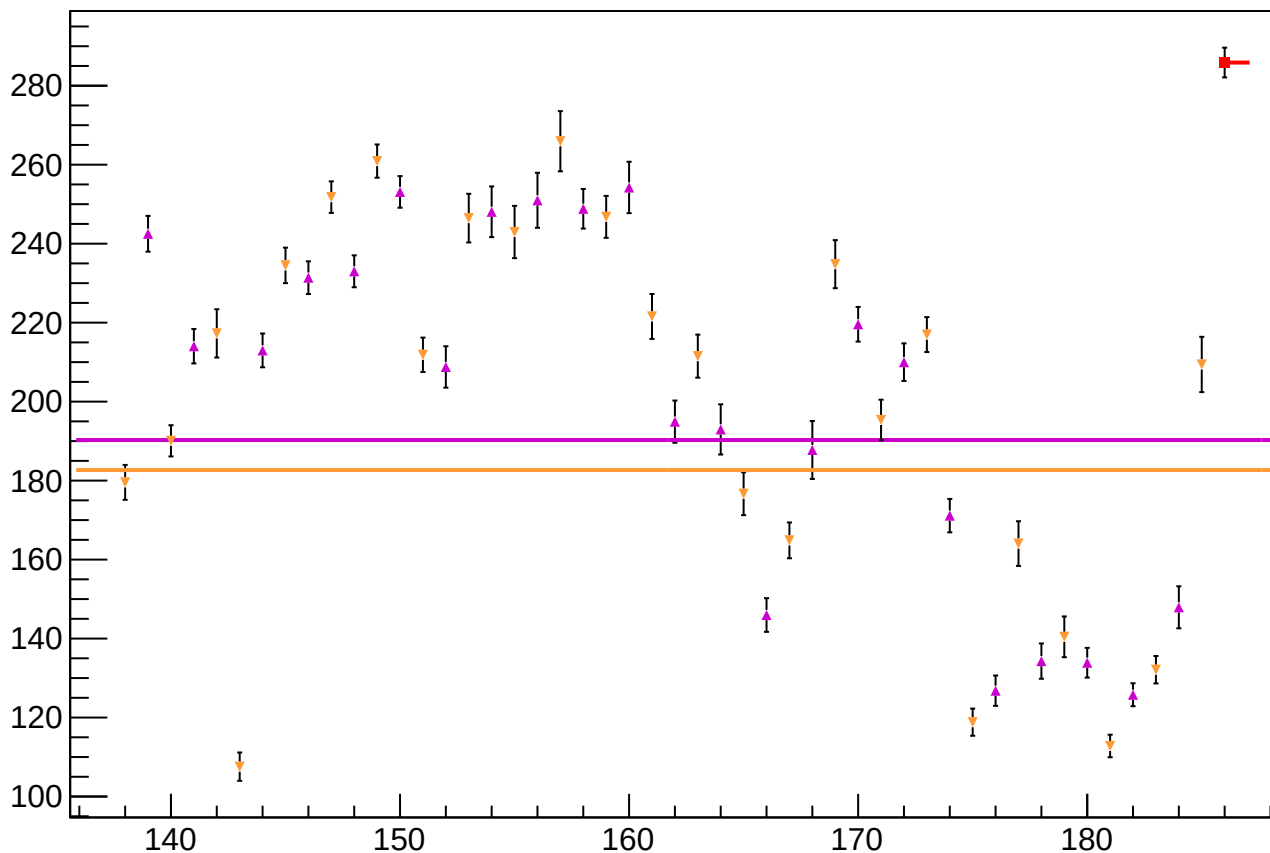
Left In: 125.101 $\pm$ 0.041 χ^2 /NDF: 222793.3/22

+ sign 114.275 $\pm$ 0.036 χ^2 /NDF: 823489.5/41

All: 114.650 $\pm$ 0.025 χ^2 /NDF: 1493445.1/84

- 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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 182.672+/-0.919 χ^2/NDF :3230.7/24

Right Out: 285.865+/-3.768 χ^2/NDF : 0.0/0

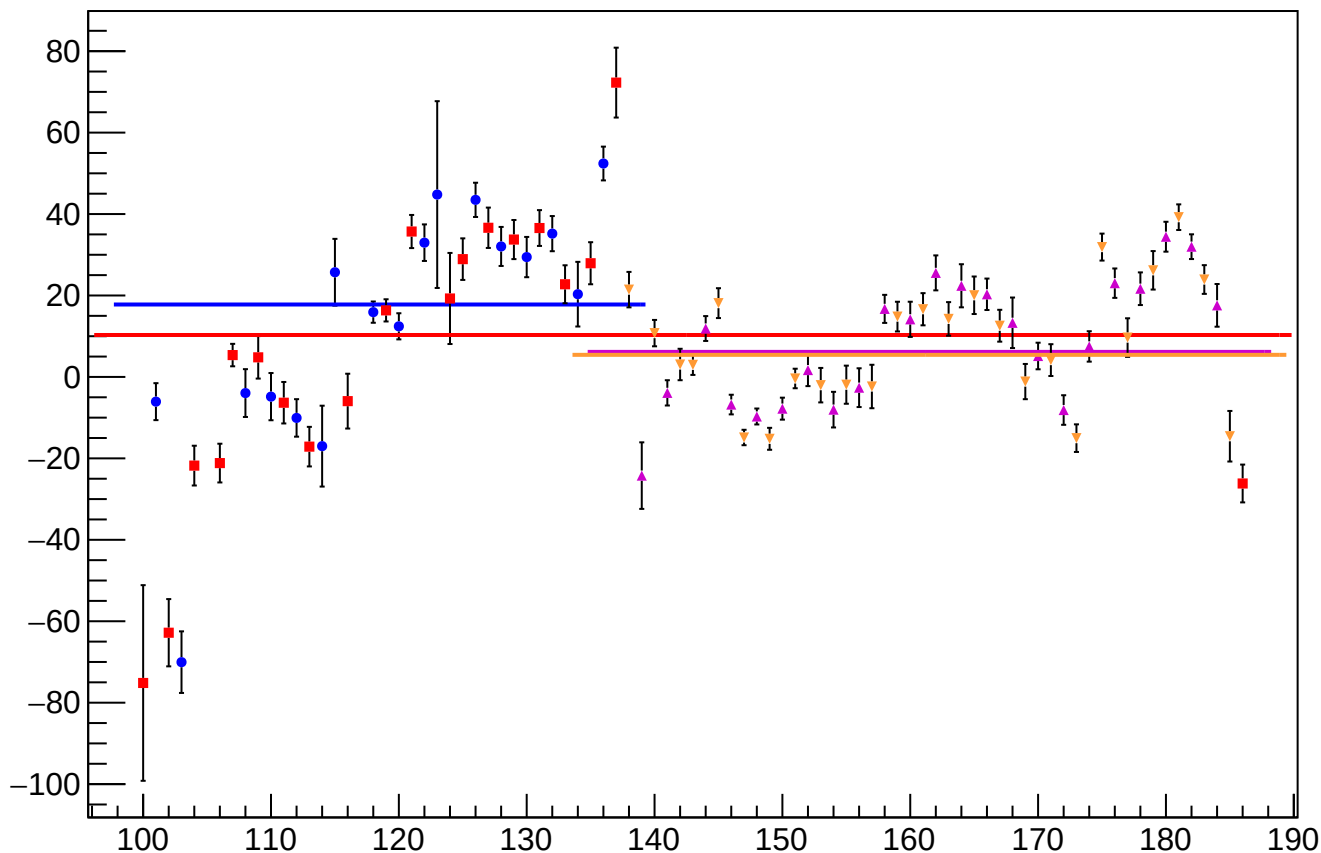
Left In: 190.279+/-0.949 χ^2/NDF :2452.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.314+/-0.650 χ^2/NDF : 6393.5/48

- sign 195.980+/-0.920 χ^2/NDF : 3058.0/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: 5.425 $\pm$ 0.693 χ^2 /NDF: 525.2/24

Right Out: 10.299 $\pm$ 1.057 χ^2 /NDF: 508.8/19

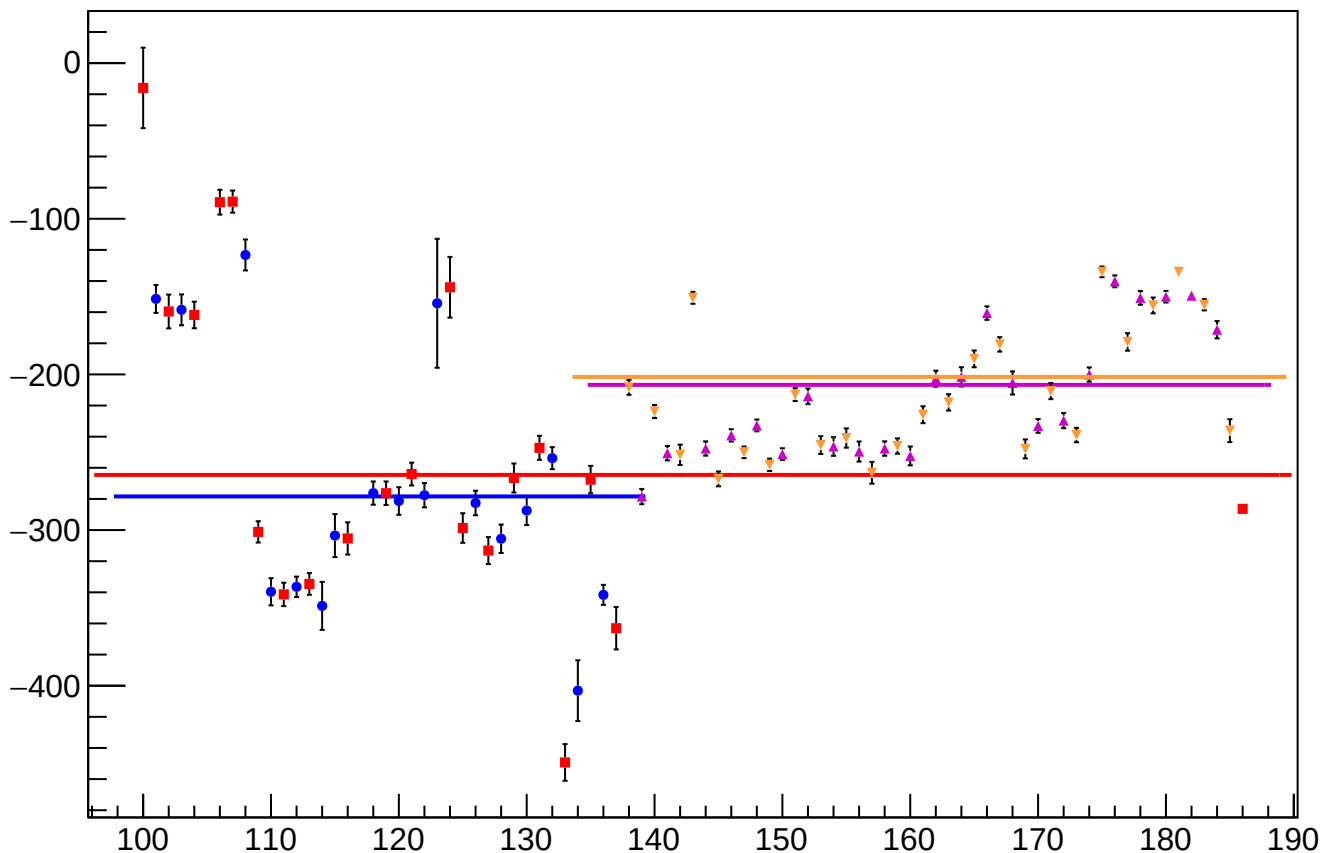
Left In: 6.151 $\pm$ 0.730 χ^2 /NDF: 410.6/22

+ sign 8.731 $\pm$ 0.593 χ^2 /NDF: 1005.5/41

All: 8.118 $\pm$ 0.422 χ^2 /NDF: 1937.4/84

- sign 7.489 $\pm$ 0.601 χ^2 /NDF: 929.8/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393 ± 2.168 χ^2/NDF : 910.5/16

Left Out: -201.610 ± 0.922 χ^2/NDF : 2462.4/24

Right Out: -264.559 ± 1.676 χ^2/NDF : 2115.0/19

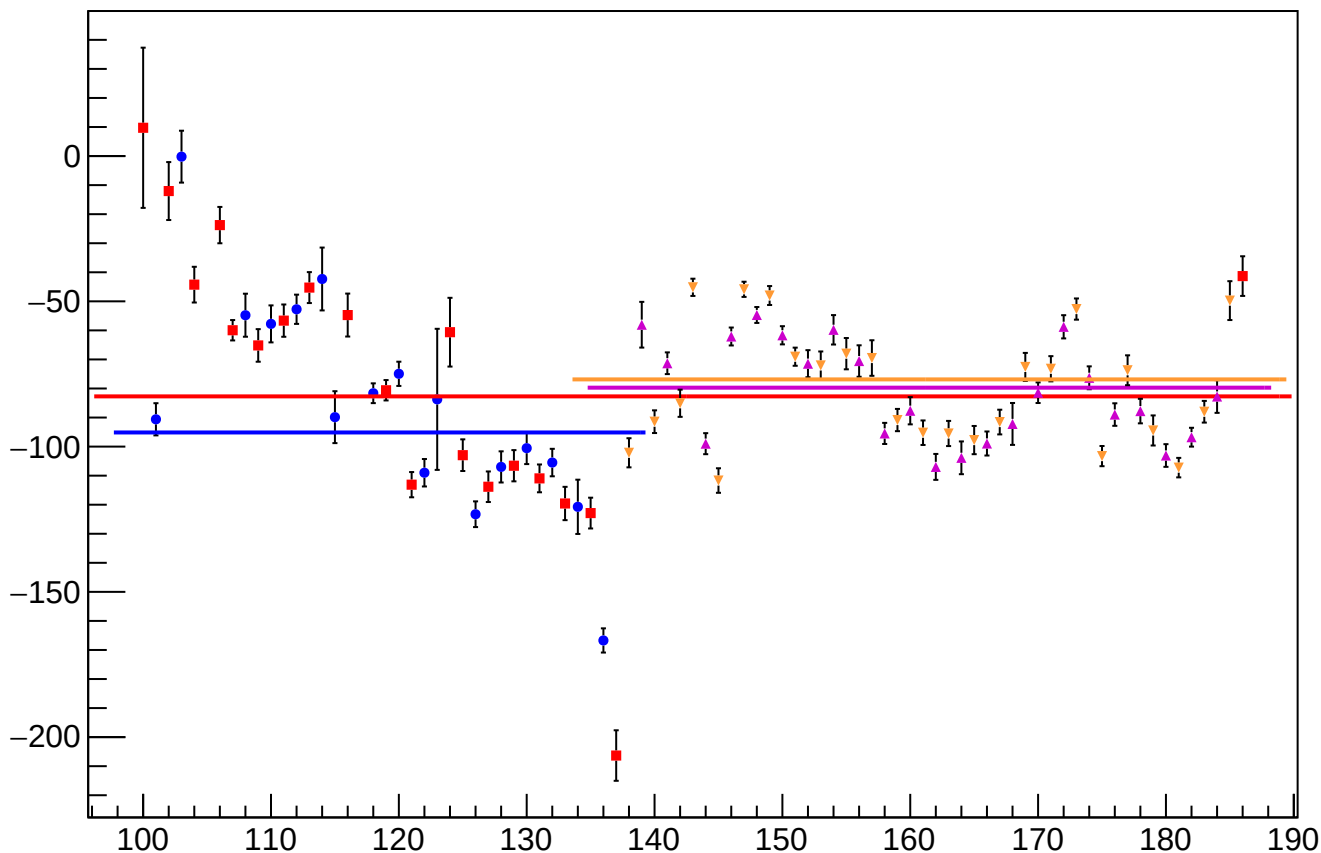
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ sign -213.383 ± 0.849 χ^2/NDF : 4435.3/41

All: -217.138 ± 0.591 χ^2/NDF : 9626.6/84

- 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: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -76.870 ± 0.802 χ^2/NDF : 758.7/24

Right Out: -82.716 ± 1.238 χ^2/NDF : 820.9/19

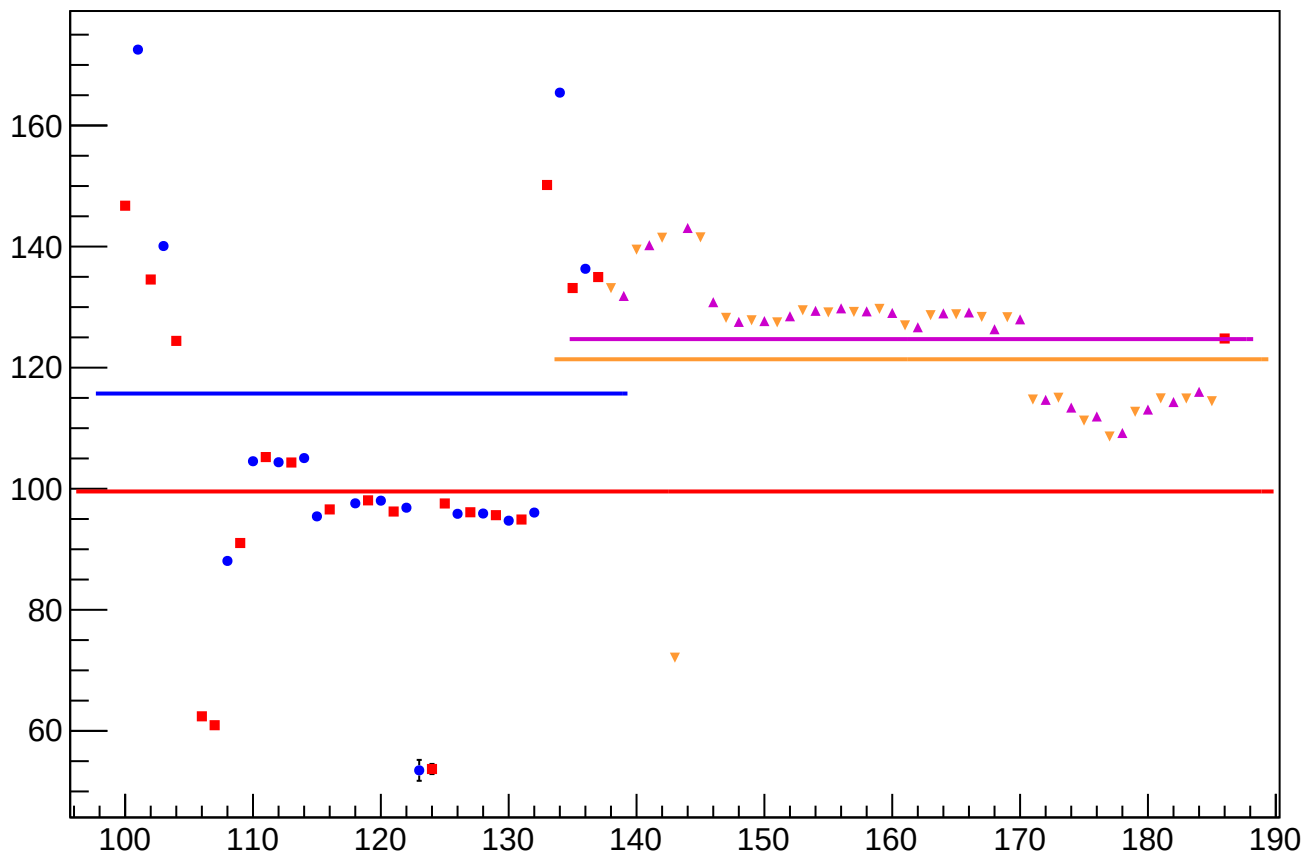
Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

+ sign -81.779 ± 0.686 χ^2/NDF : 1573.2/41

All: -81.226 ± 0.488 χ^2/NDF : 2814.6/84

- 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: 115.724 $\pm$ 0.078 χ^2/NDF : 106388.1/16

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

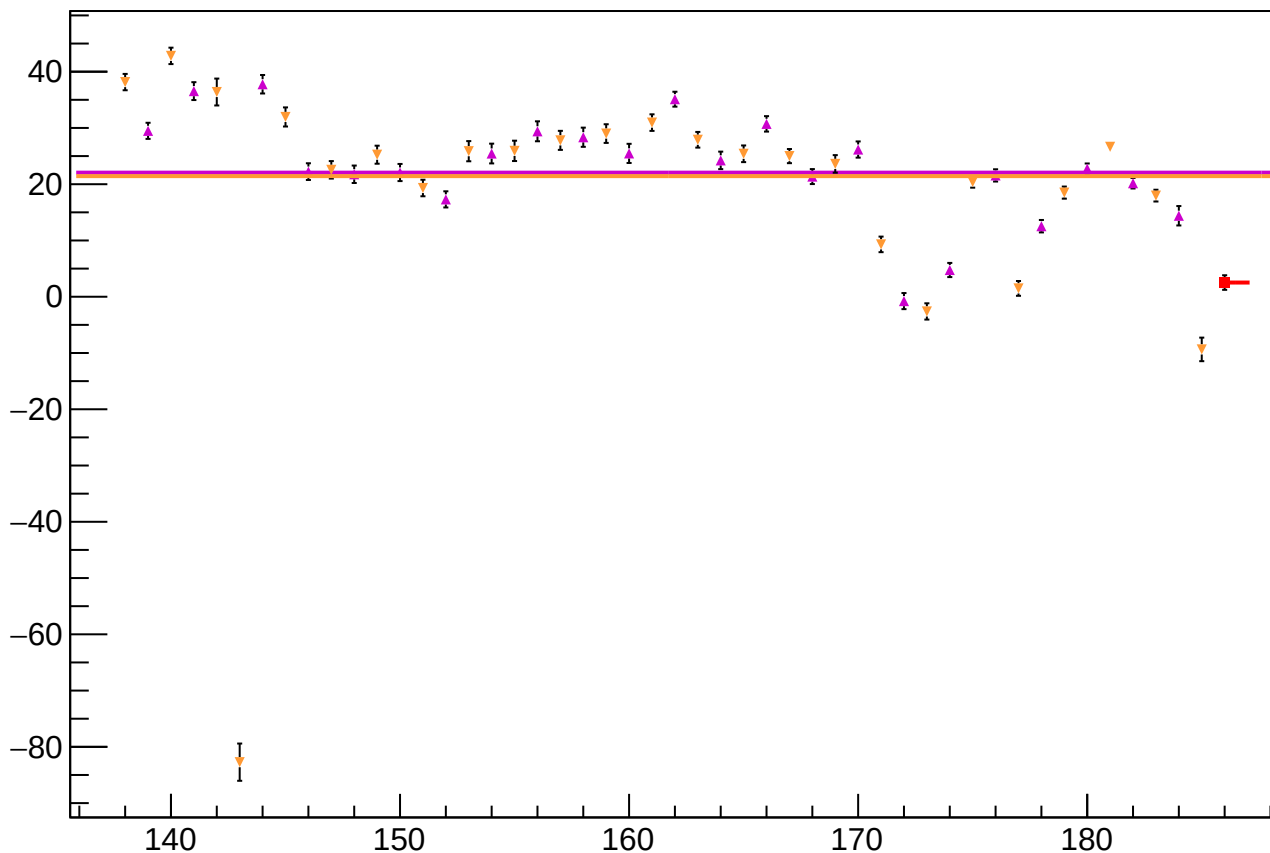
Left In: 124.714 $\pm$ 0.039 χ^2/NDF :51750.7/22

+ sign 120.287 $\pm$ 0.034 χ^2/NDF : 275507.6/41

All: 119.352 $\pm$ 0.024 χ^2/NDF : 608253.7/84

- 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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 21.435 $\pm$ 0.283 χ^2 /NDF:2406.2/24

Right Out: 2.522 $\pm$ 1.295 χ^2 /NDF: 0.0/0

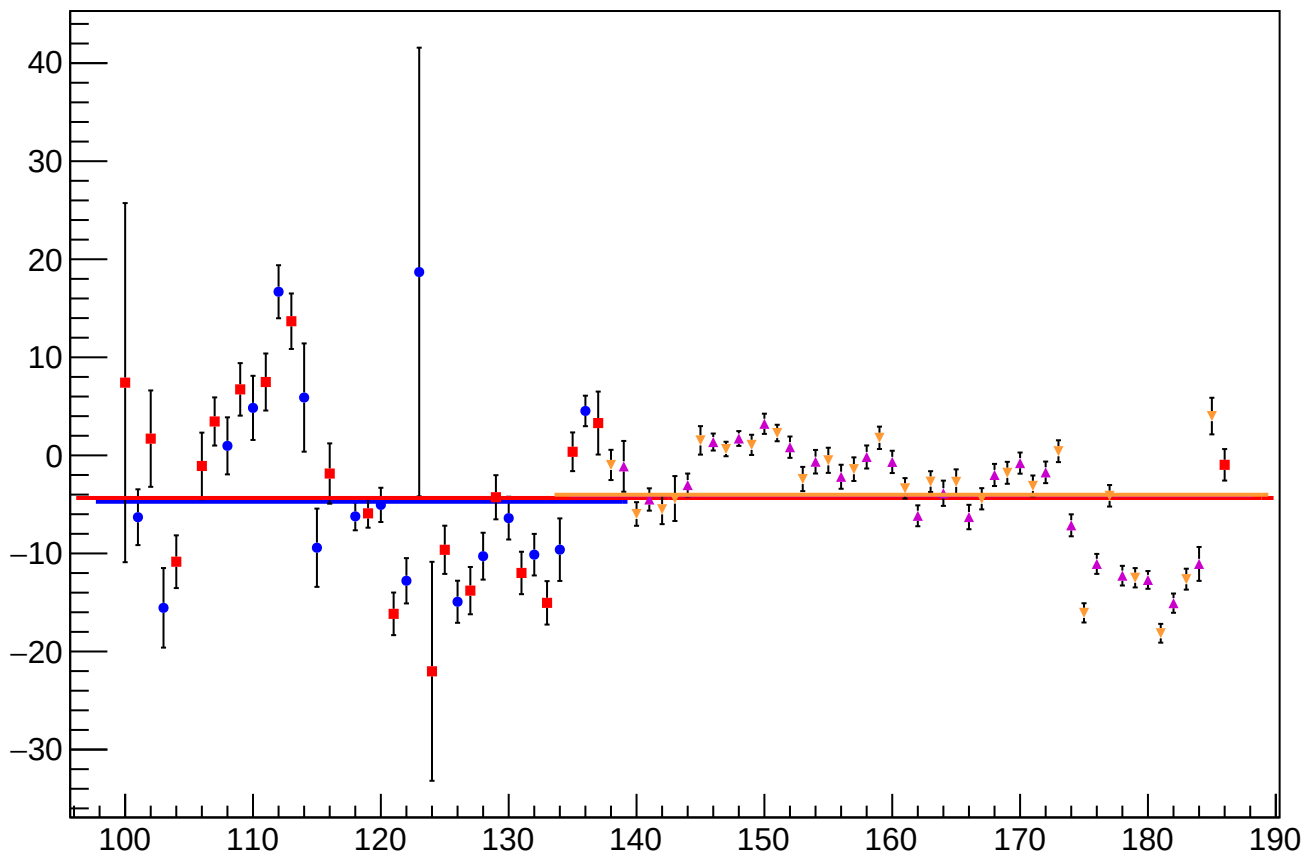
Left In: 22.055 $\pm$ 0.284 χ^2 /NDF:941.3/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.293 $\pm$ 0.198 χ^2 /NDF: 3565.0/48

- sign 21.157 $\pm$ 0.278 χ^2 /NDF: 1158.3/23

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -4.015 ± 0.223 χ^2/NDF : 731.7/24

Right Out: -4.344 ± 0.550 χ^2/NDF : 198.5/19

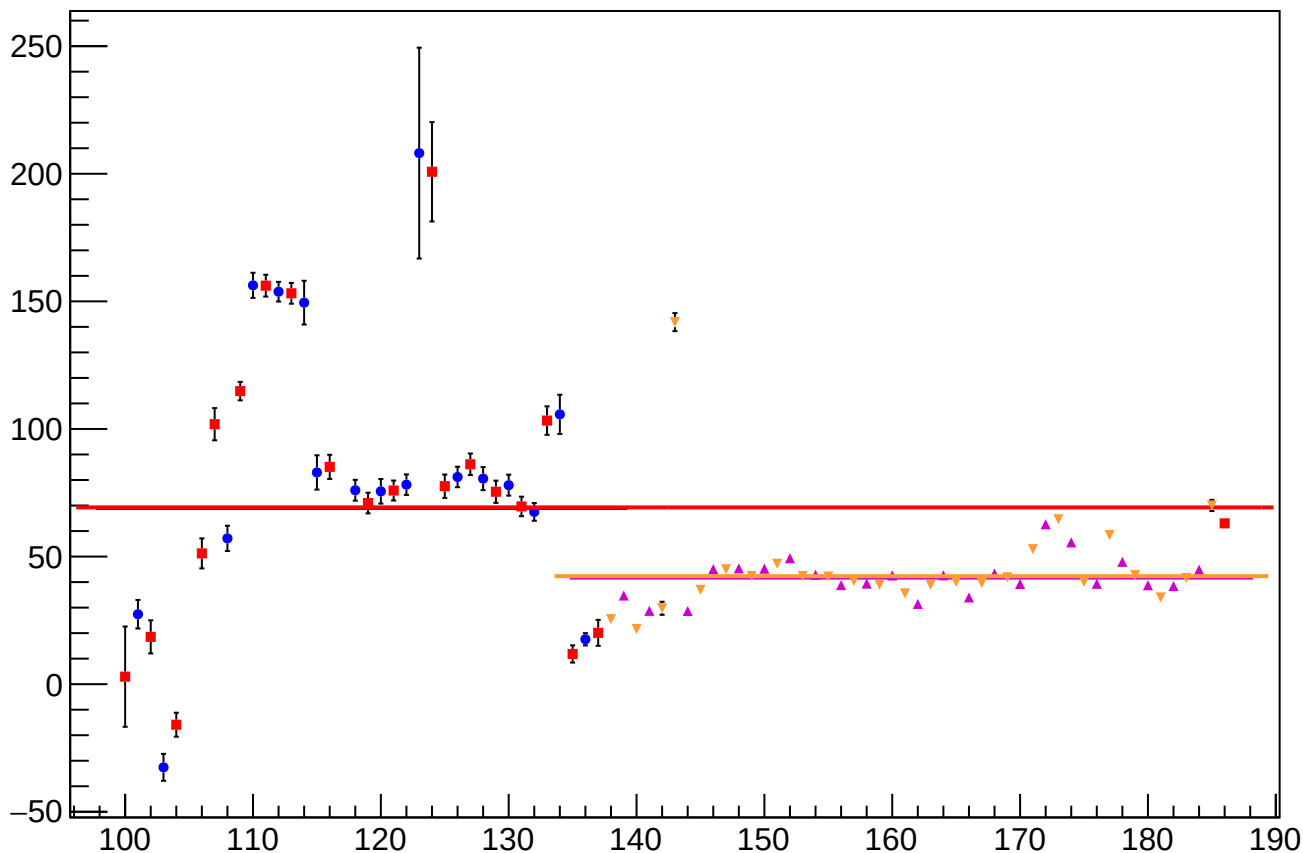
Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

+ sign -4.107 ± 0.208 χ^2/NDF : 907.8/41

All: -4.108 ± 0.148 χ^2/NDF : 1686.6/84

- sign -4.109 ± 0.210 χ^2/NDF : 778.8/42

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 ± 1.077 χ^2/NDF : 1847.9/16

Left Out: 42.322 ± 0.282 χ^2/NDF : 1855.5/24

Right Out: 69.259 ± 0.745 χ^2/NDF : 1969.4/19

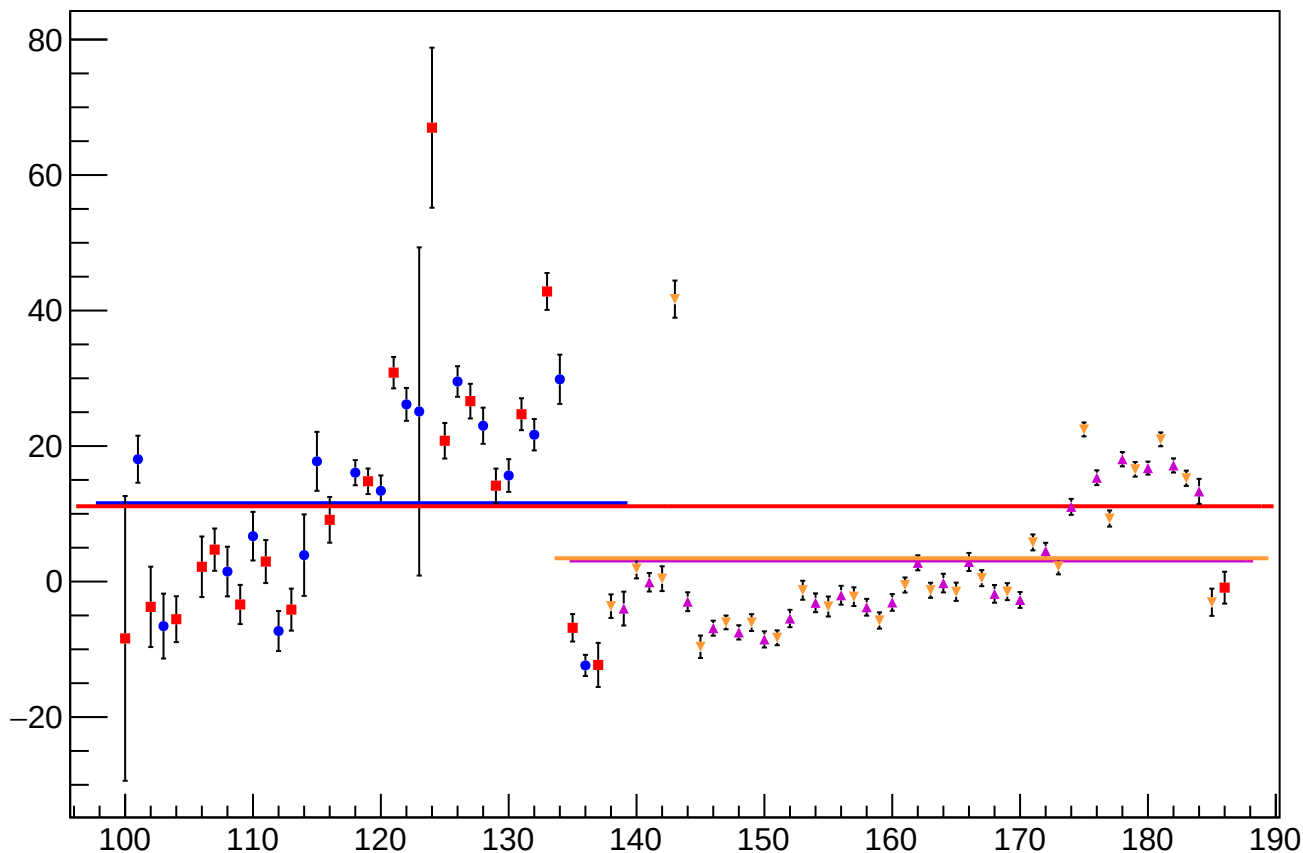
Left In: 41.755 ± 0.283 χ^2/NDF : 659.6/22

+ sign 44.039 ± 0.273 χ^2/NDF : 4280.0/41

All: 44.648 ± 0.190 χ^2/NDF : 8108.9/84

- sign 45.221 ± 0.265 χ^2/NDF : 3819.2/42

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

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

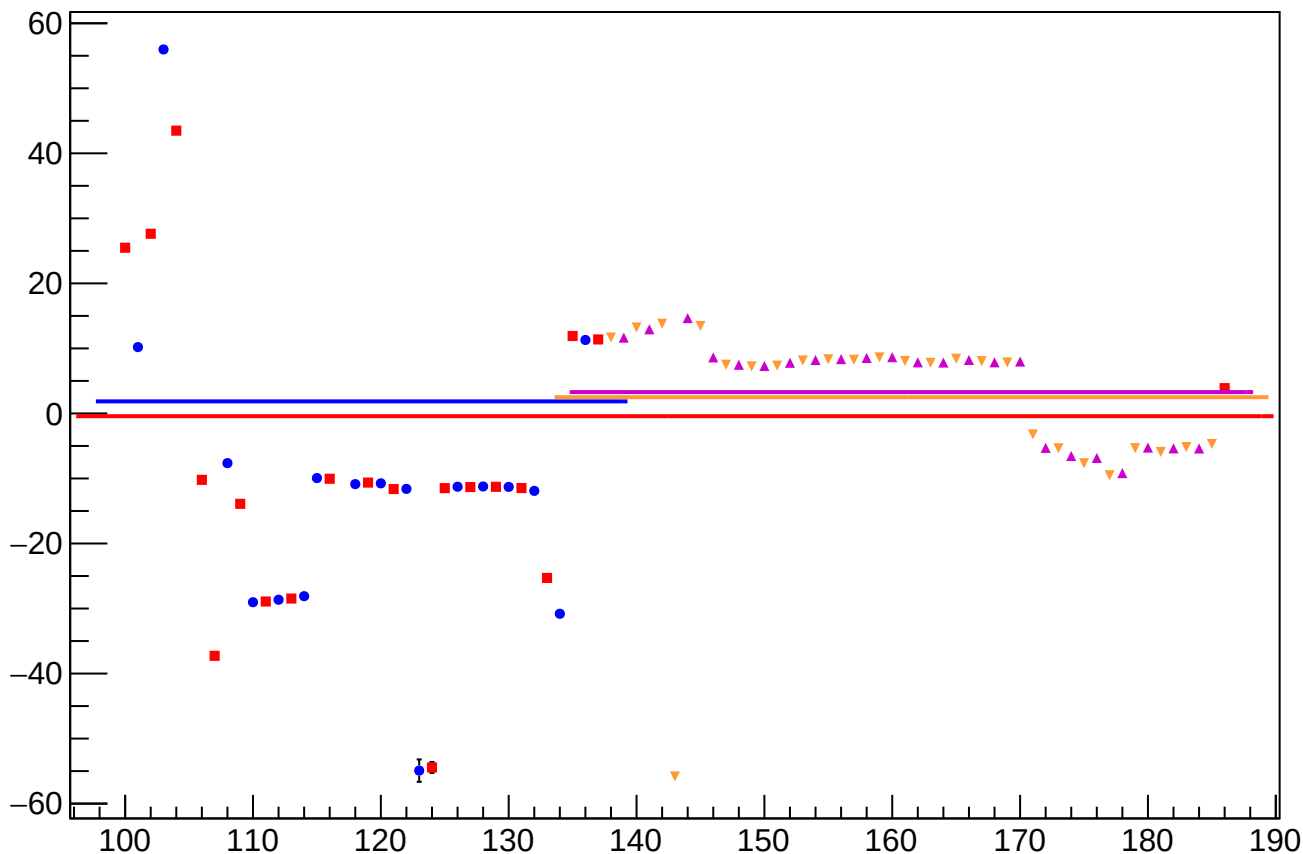
Left In: 3.114 $\pm$ 0.256 χ^2 /NDF:1273.1/22

+ sign 4.481 $\pm$ 0.236 χ^2 /NDF: 2258.7/41

All: 4.352 $\pm$ 0.167 χ^2 /NDF: 4238.7/84

- 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: 1.855 +/- 0.037 χ^2/NDF : 359414.1/16

Left Out: 2.497 +/- 0.012 χ^2/NDF : 588138.5/24

Right Out: -0.427 +/- 0.036 χ^2/NDF : 362341.6/19

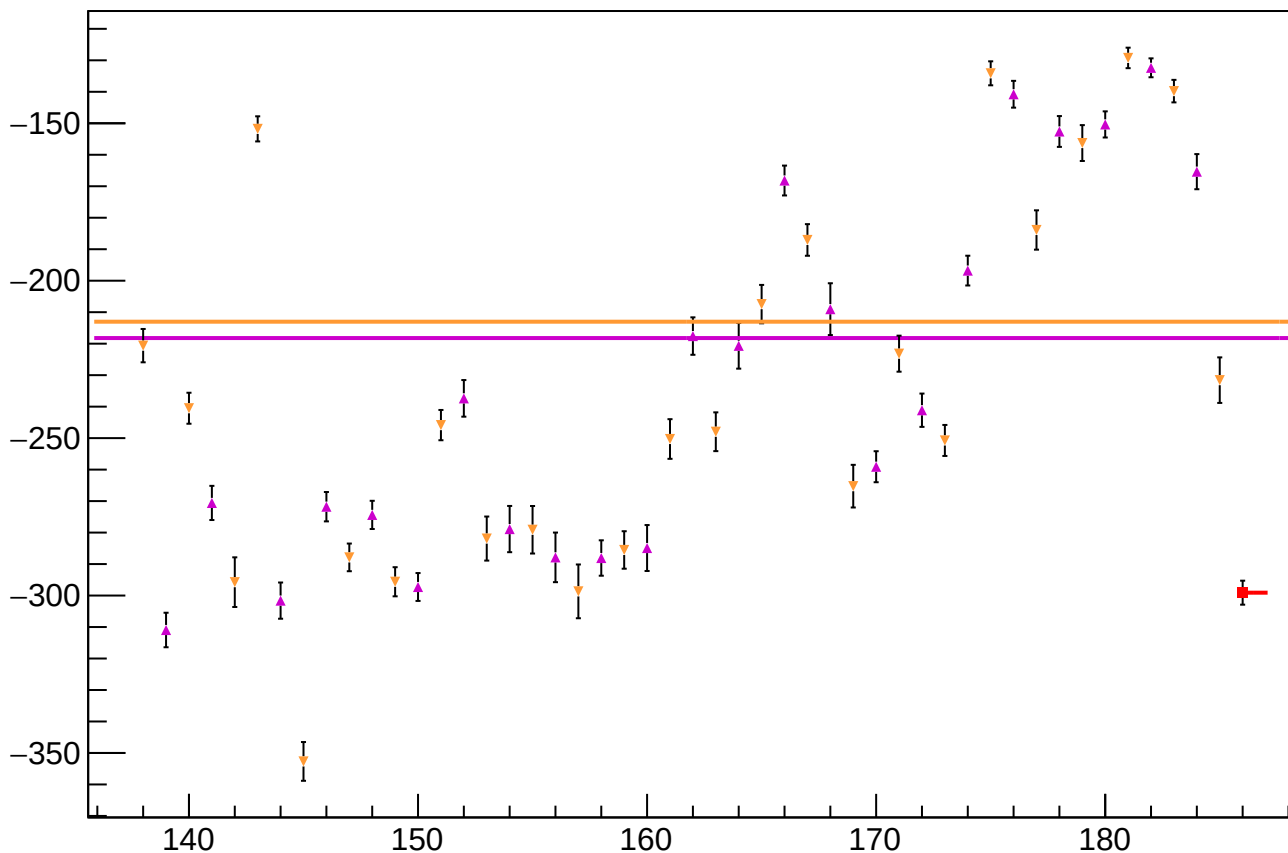
Left In: 3.281 +/- 0.012 χ^2/NDF : 409605.3/22

+ sign 2.439 +/- 0.011 χ^2/NDF : 947826.2/41

All: 2.687 +/- 0.008 χ^2/NDF : 1730316.0/84

- 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: 0.000 $\pm$ 0.000 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

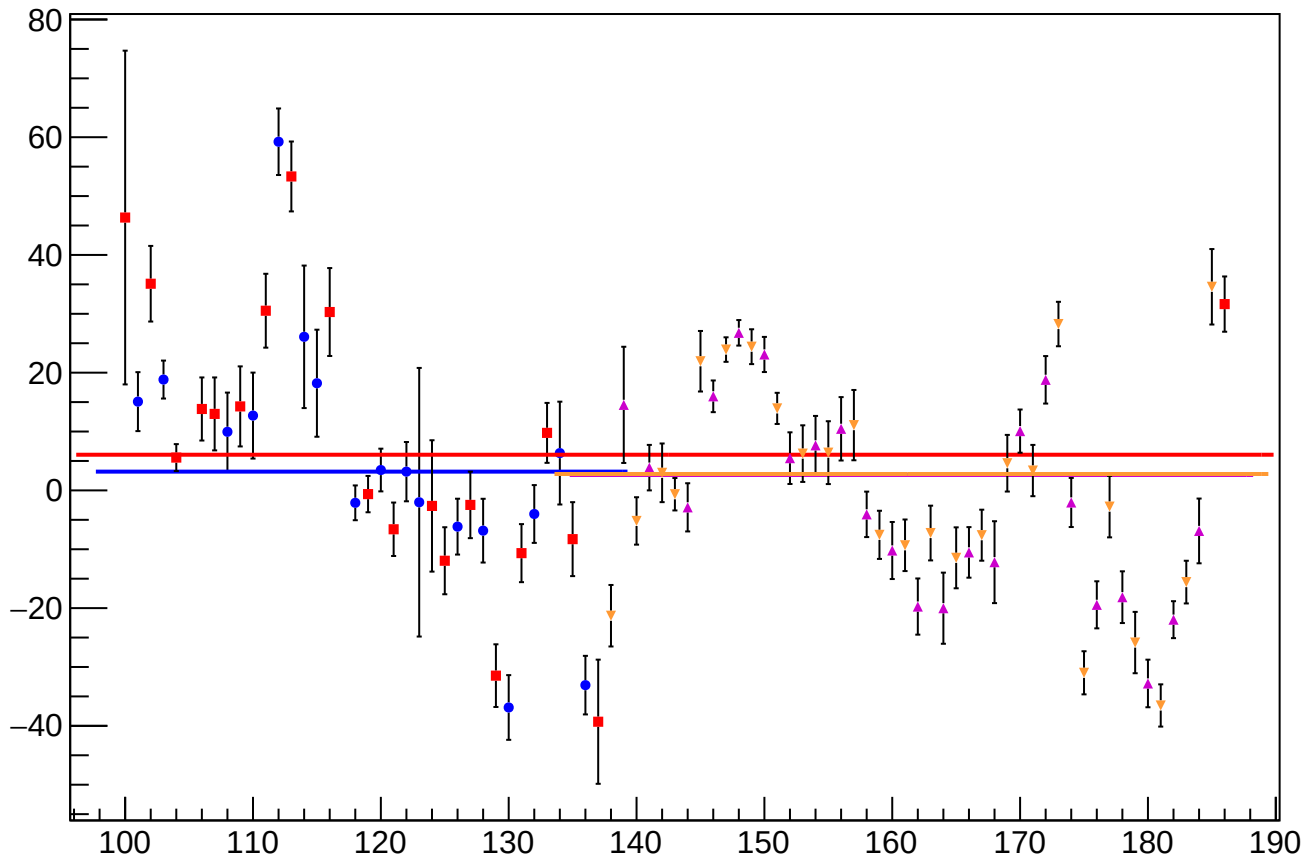
Left In: -218.216 $\pm$ 1.063 χ^2 /NDF: 3499.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -218.600 $\pm$ 0.728 χ^2 /NDF: 7800.7/48

- 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: 3.188 ± 1.225 χ^2/NDF : 255.6/16

Left Out: 2.786 ± 0.780 χ^2/NDF : 582.0/24

Right Out: 6.059 ± 1.126 χ^2/NDF : 256.9/19

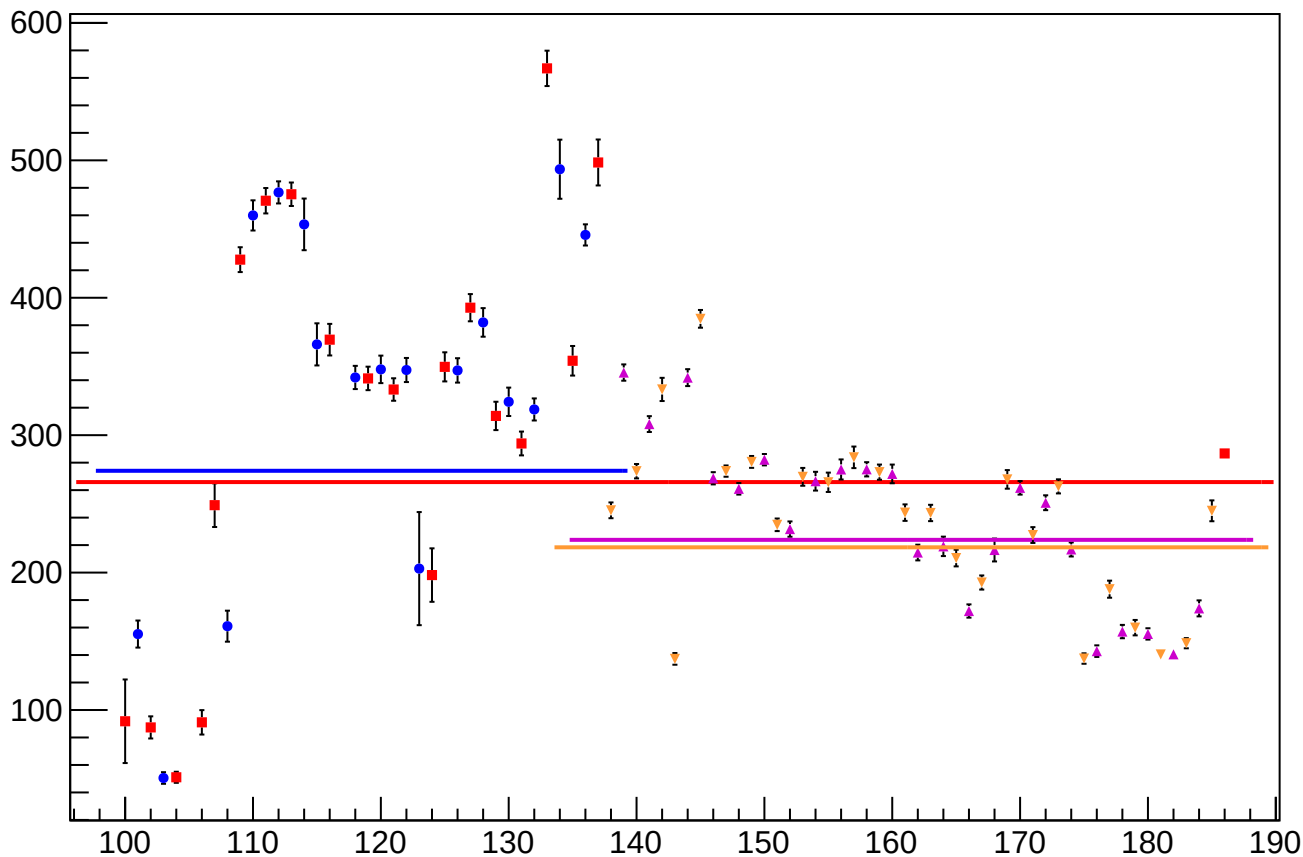
Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

+ sign 2.902 ± 0.658 χ^2/NDF : 837.8/41

All: 3.354 ± 0.467 χ^2/NDF : 1579.3/84

- 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: 274.079 $\pm$ 2.191 χ^2 /NDF: 5112.0/16

Left Out: 218.389 $\pm$ 1.038 χ^2 /NDF:3696.7/24

Right Out: 265.864 $\pm$ 1.717 χ^2 /NDF: 6513.0/19

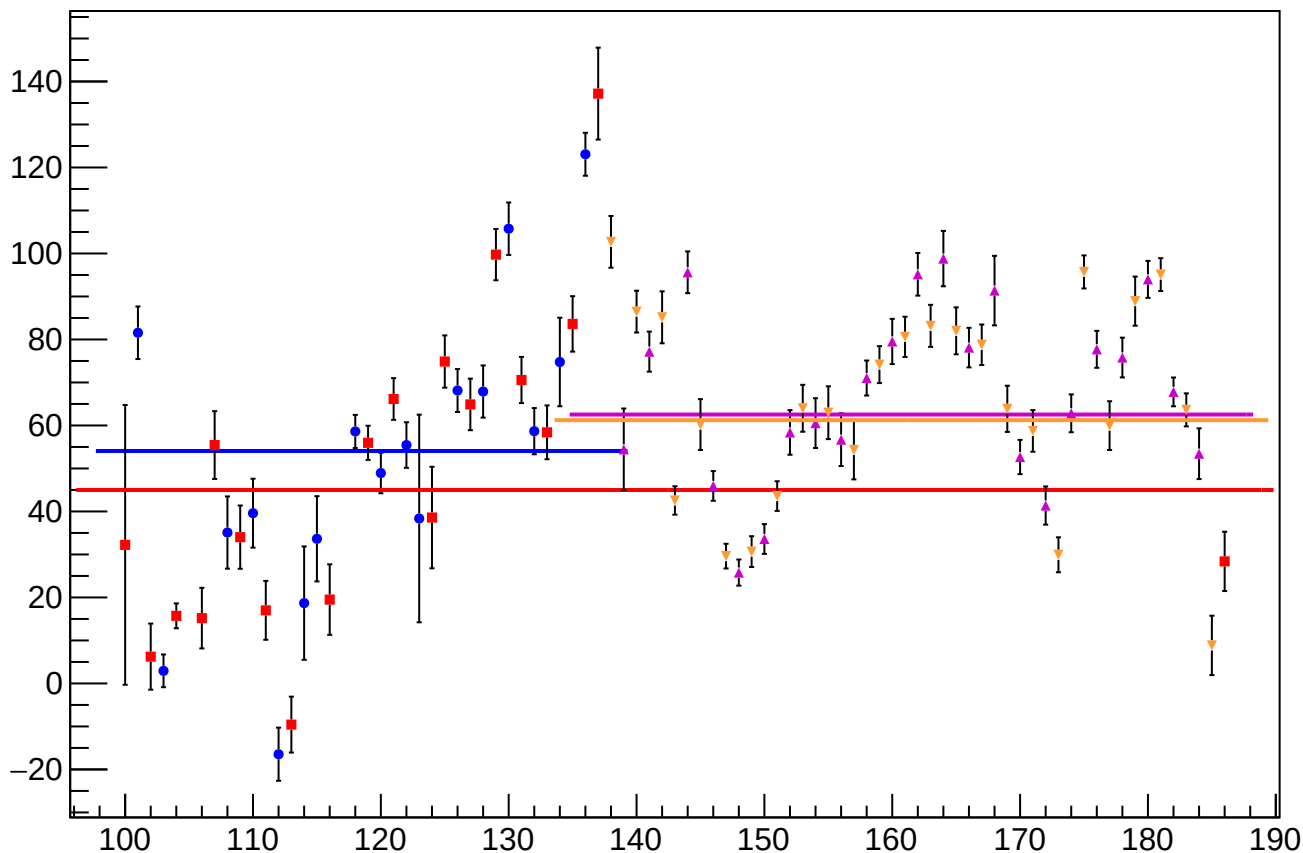
Left In: 223.827 $\pm$ 1.058 χ^2 /NDF:3444.7/22

+ sign 228.593 $\pm$ 0.938 χ^2 /NDF: 9336.4/41

All: 232.135 $\pm$ 0.650 χ^2 /NDF: 19755.9/84

- sign 235.404 $\pm$ 0.901 χ^2 /NDF: 10392.1/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

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

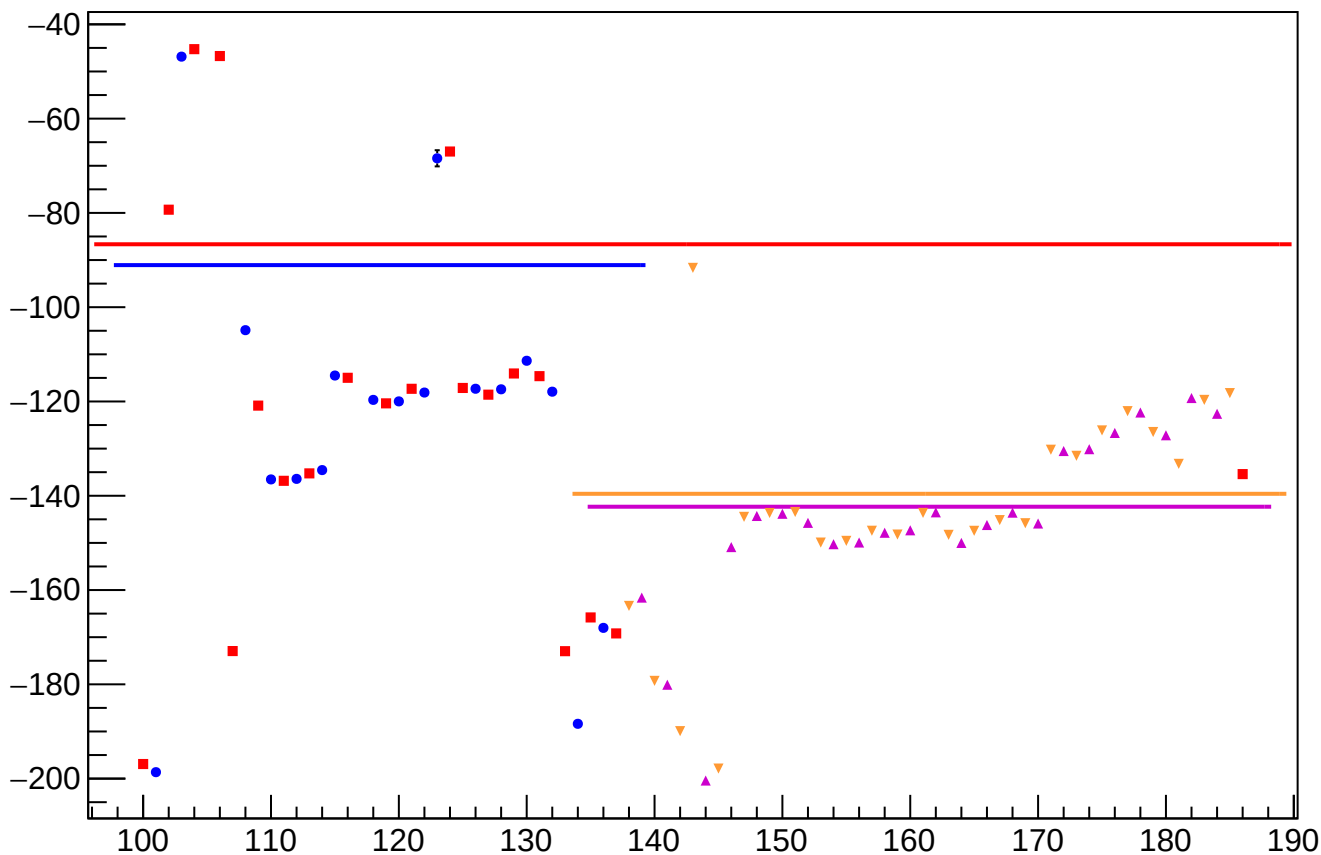
Left In: 62.538 $\pm$ 0.940 χ^2 /NDF: 520.0/22

+ sign 59.176 $\pm$ 0.762 χ^2 /NDF: 1371.4/41

All: 57.954 $\pm$ 0.541 χ^2 /NDF: 2549.0/84

- 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: -91.074 $\pm$ 0.068 χ^2/NDF : 534647.5/16

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

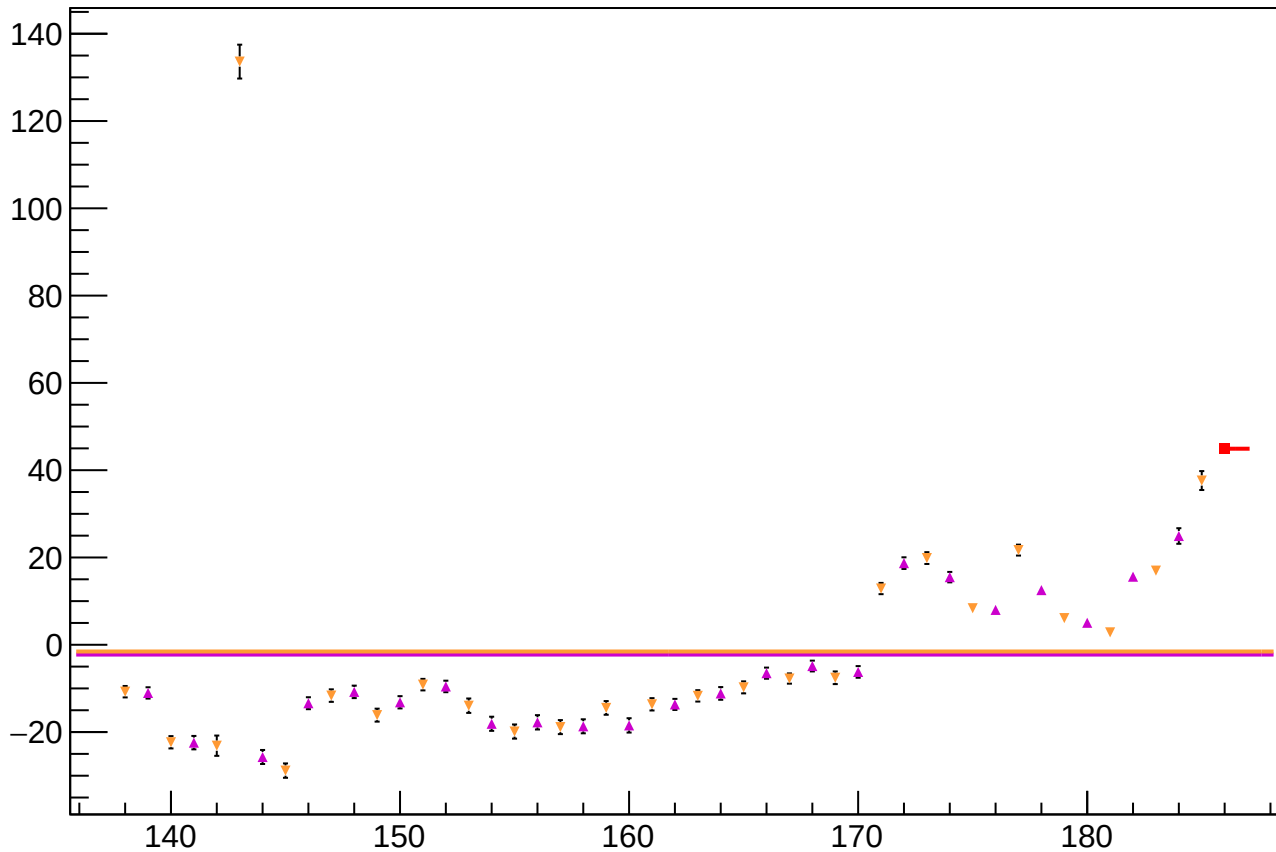
Left In: -142.326 $\pm$ 0.044 χ^2/NDF : 144642.3/22

+ sign -125.544 $\pm$ 0.036 χ^2/NDF : 1145231.6/41

All: -125.117 $\pm$ 0.026 χ^2/NDF : 2305320.0/84

- 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: 0.000+/-0.000 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

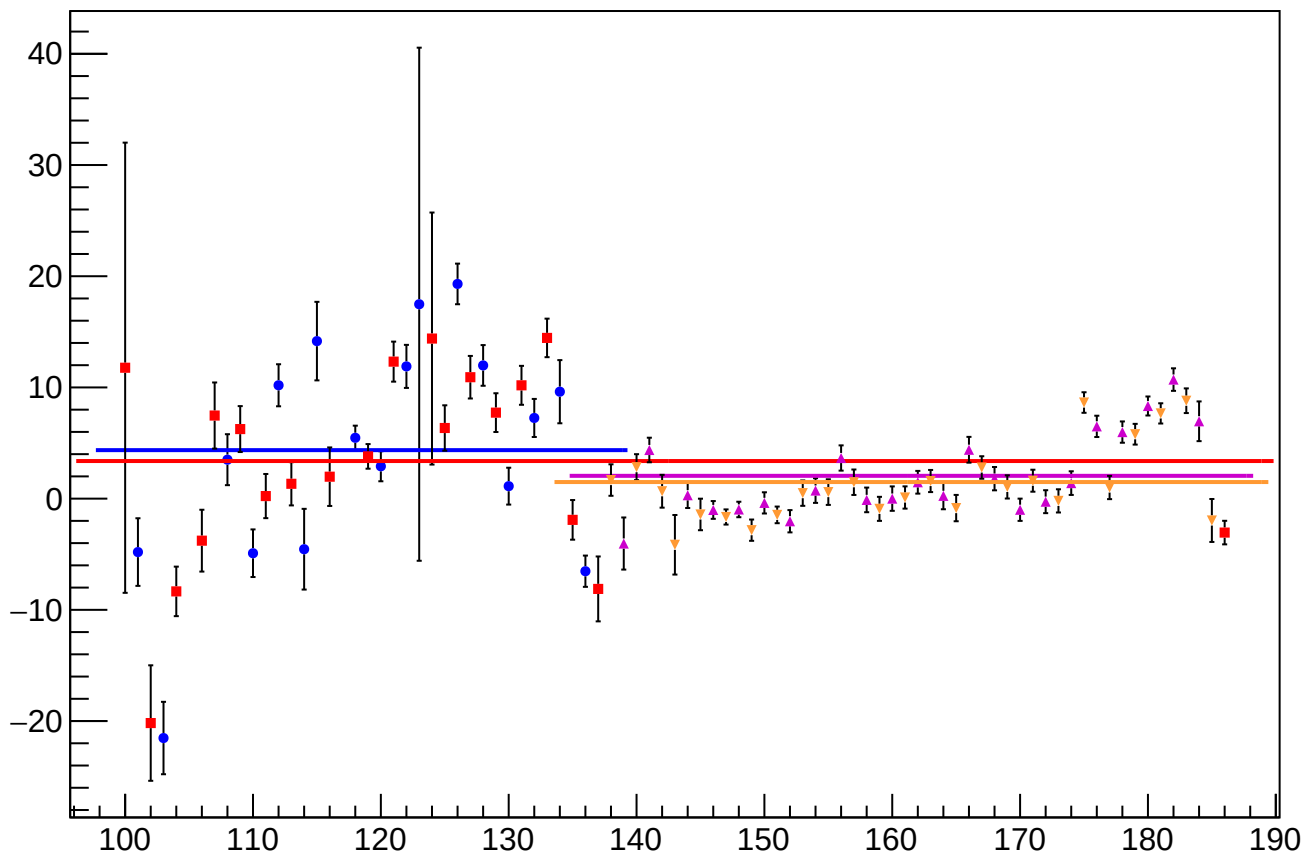
Left In: -2.244+/-0.270 χ^2/NDF : 2561.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.265+/-0.186 χ^2/NDF : 9489.6/48

- 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: 4.361 $\pm$ 0.464 χ^2/NDF : 286.5/16

Left Out: 1.492 $\pm$ 0.210 χ^2/NDF : 258.3/24

Right Out: 3.381 $\pm$ 0.433 χ^2/NDF : 229.7/19

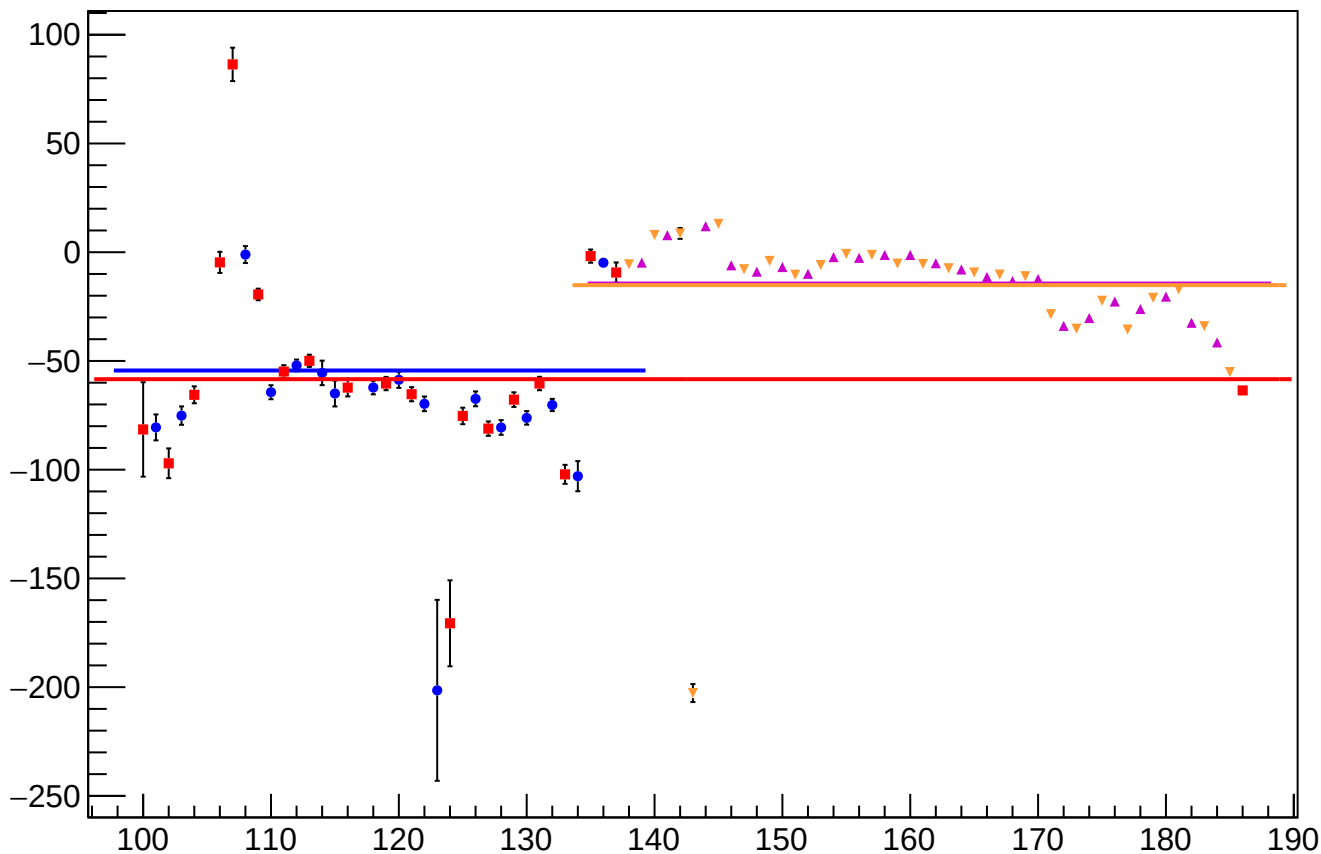
Left In: 2.051 $\pm$ 0.215 χ^2/NDF : 275.4/22

+ sign 1.981 $\pm$ 0.192 χ^2/NDF : 576.5/41

All: 2.147 $\pm$ 0.136 χ^2/NDF : 1090.6/84

- sign 2.314 $\pm$ 0.192 χ^2/NDF : 512.6/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -15.140 ± 0.267 $\chi^2/\text{NDF}: 4451.9/24$

Right Out: -58.385 ± 0.538 $\chi^2/\text{NDF}: 1466.4/19$

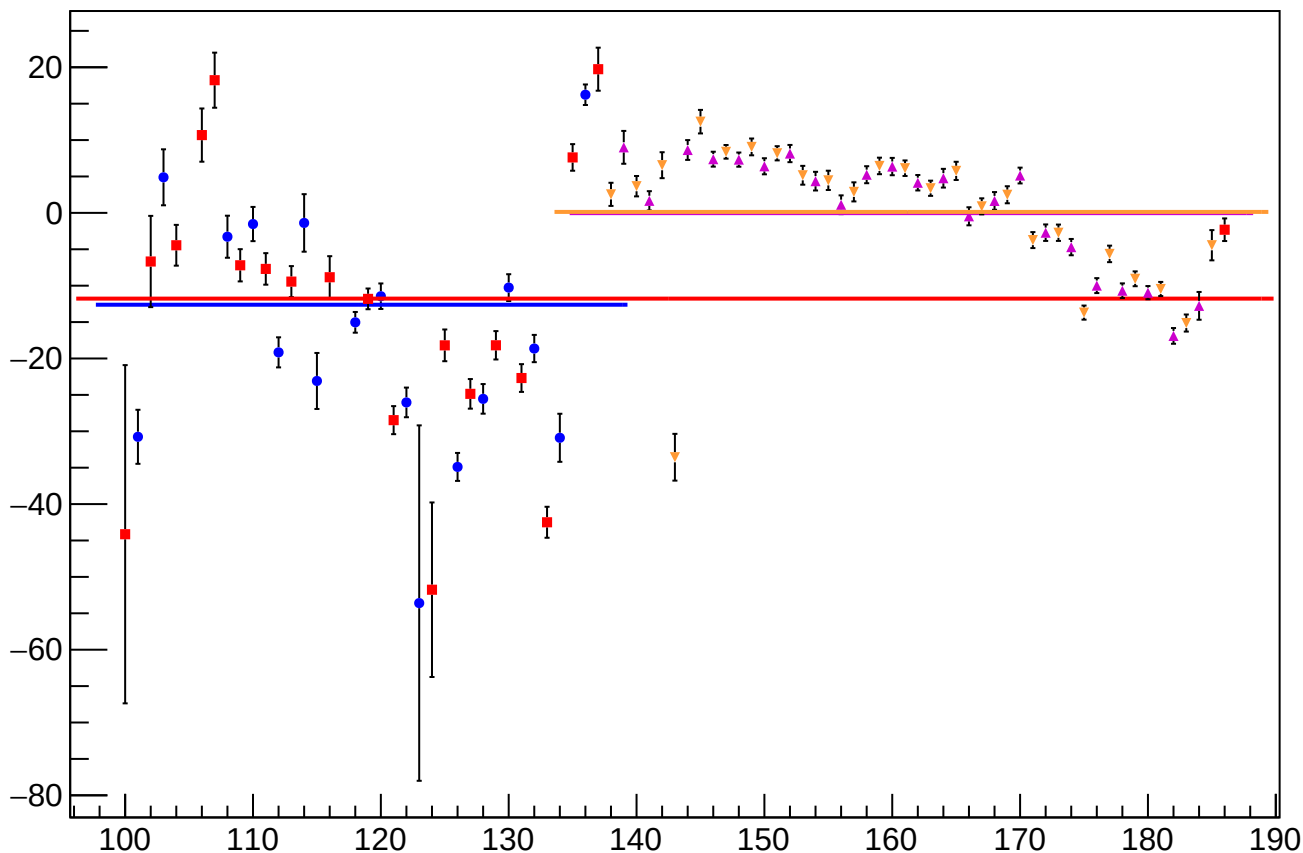
Left In: -14.415 ± 0.268 $\chi^2/\text{NDF}: 2065.7/22$

+ sign -18.569 ± 0.255 $\chi^2/\text{NDF}: 7355.5/41$

All: -20.999 ± 0.175 $\chi^2/\text{NDF}: 16405.3/84$

- sign -23.152 ± 0.240 $\chi^2/\text{NDF}: 8878.5/42$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 0.133 ± 0.238 χ^2/NDF : 1146.9/24

Right Out: -11.777 ± 0.509 χ^2/NDF : 771.8/19

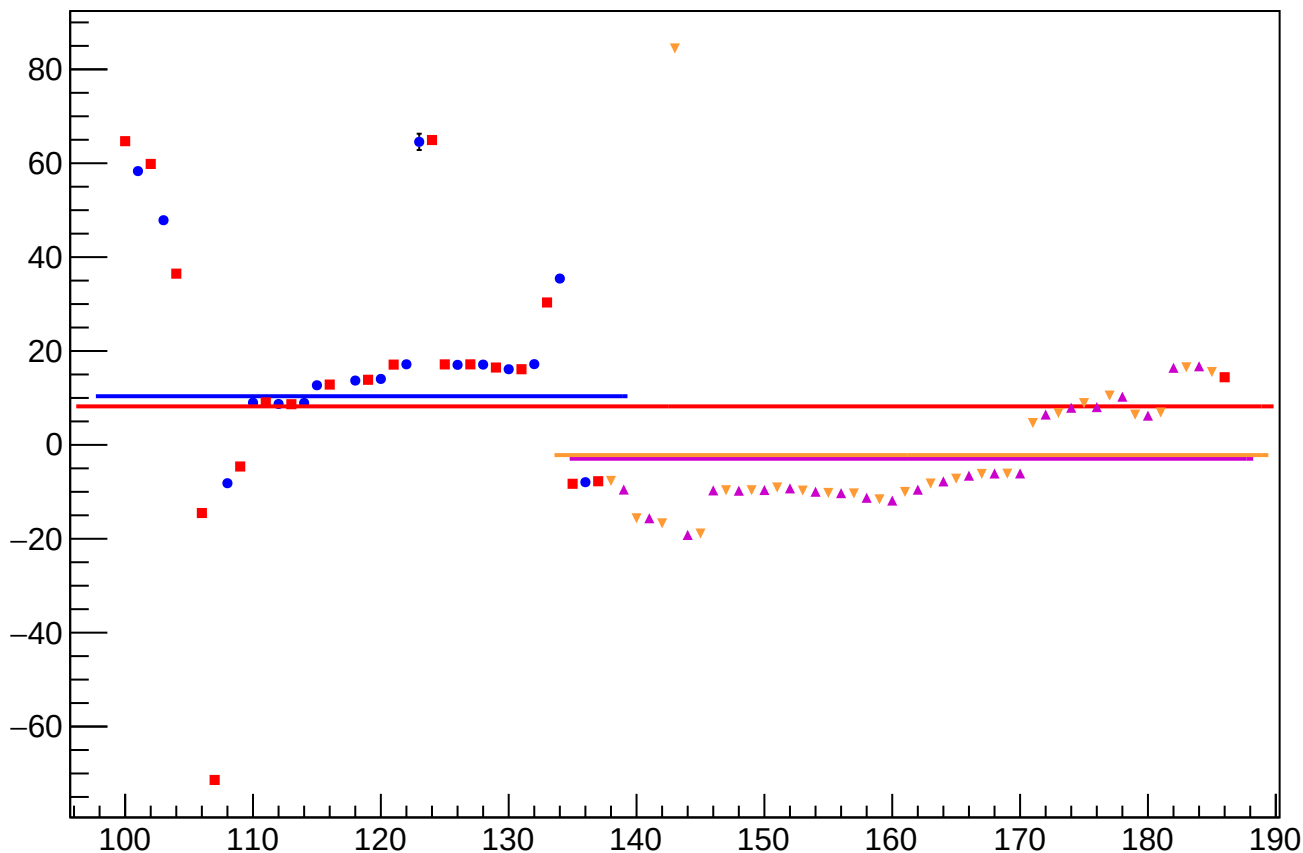
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -2.011 ± 0.217 χ^2/NDF : 2416.1/41

All: -2.109 ± 0.154 χ^2/NDF : 4650.3/84

- 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: 10.366+/-0.031 χ^2 /NDF: 381003.5/16

Left Out: -2.176+/-0.011 χ^2 /NDF: 1047394.9/24

Right Out: 8.205+/-0.030 χ^2 /NDF: 548413.9/19

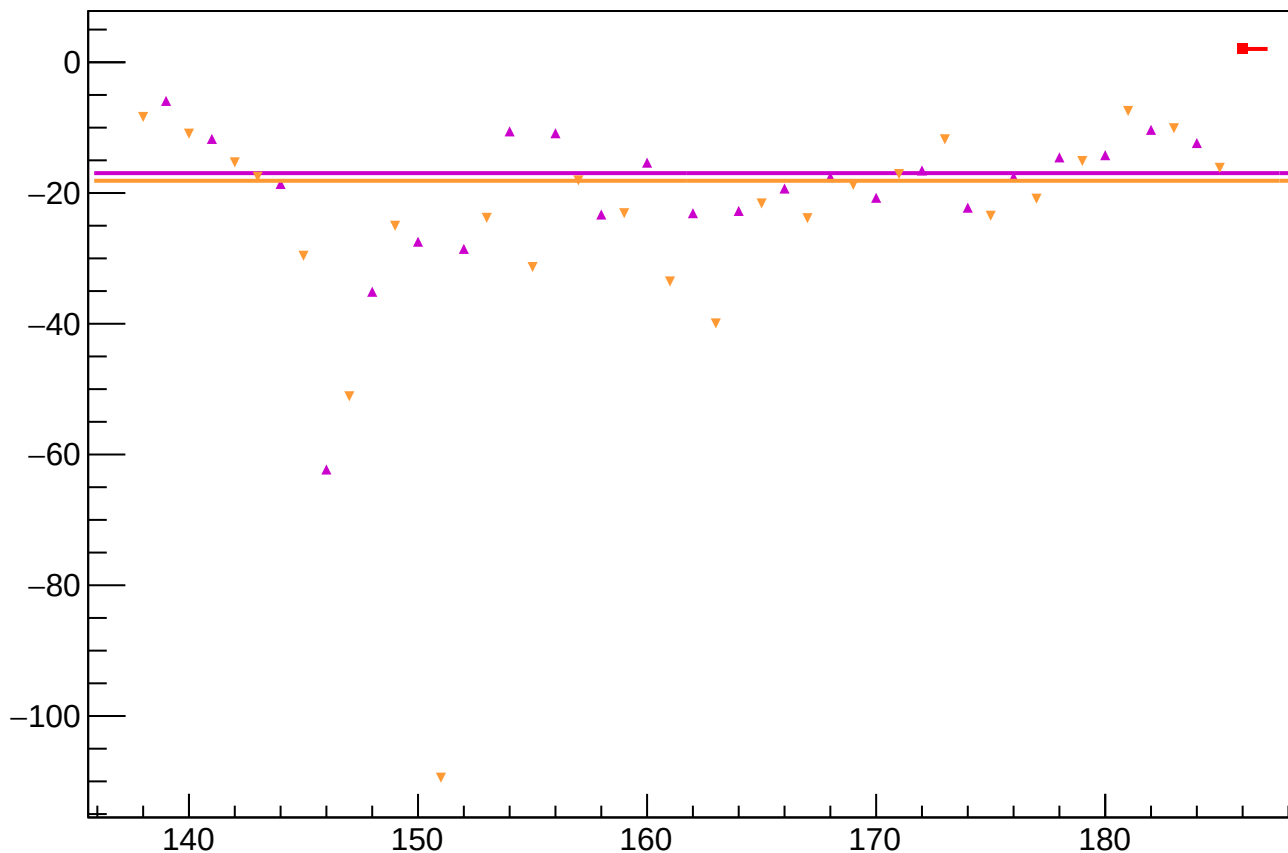
Left In: -2.949+/-0.011 χ^2 /NDF: 770702.4/22

+ sign -0.753+/-0.010 χ^2 /NDF: 1577948.6/41

All: -1.199+/-0.007 χ^2 /NDF: 3022102.7/84

- sign -1.645+/-0.010 χ^2 /NDF: 1440395.6/42

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.127+/-0.039 χ^2/NDF : 88514.4/24

Right Out: 2.038+/-0.194 χ^2/NDF : 0.0/0

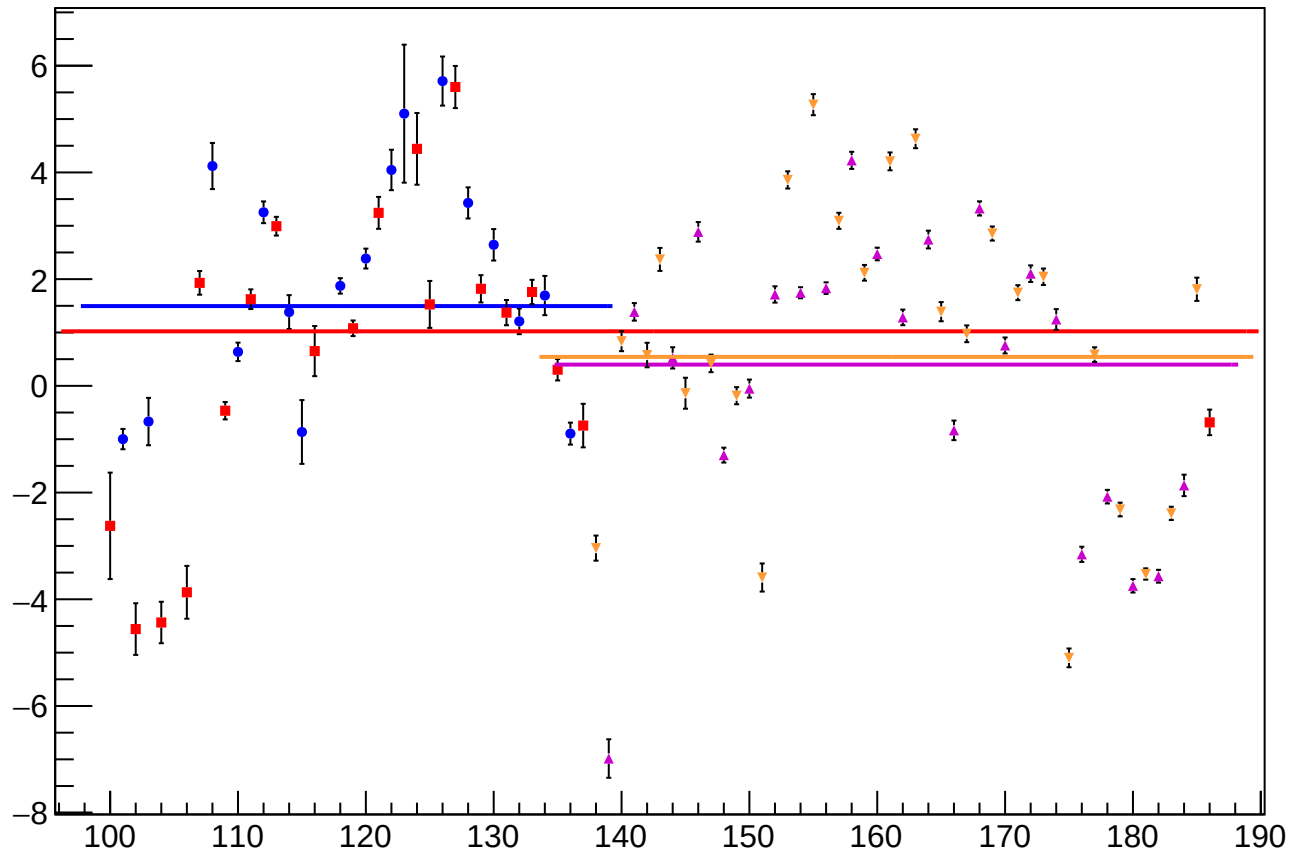
Left In: -16.958+/-0.038 χ^2/NDF : 44759.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.152+/-0.027 χ^2/NDF : 143670.4/48

- sign -16.259+/-0.037 χ^2/NDF : 53955.5/23

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 $\pm$ 0.061 χ^2/NDF : 708.8/16

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

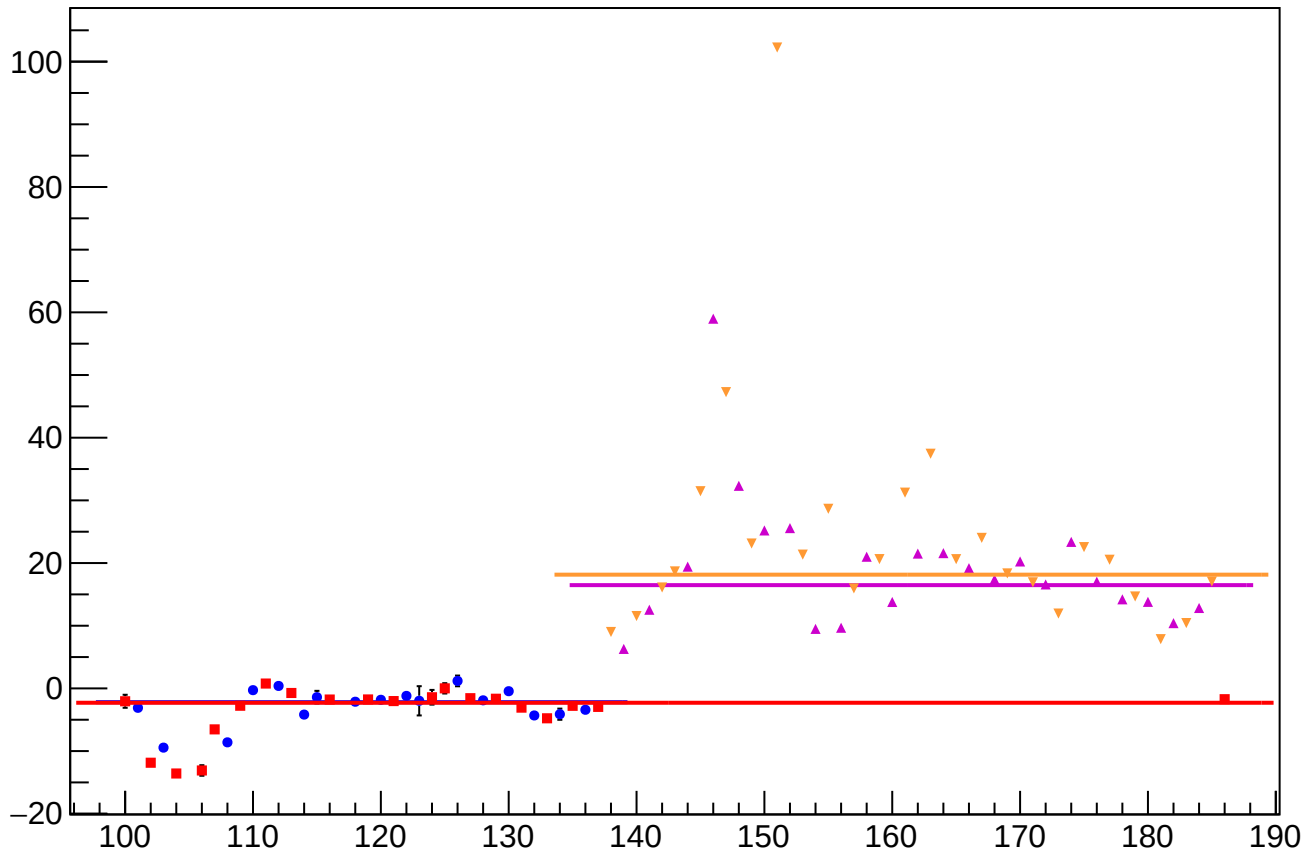
Left In: 0.398 $\pm$ 0.031 χ^2/NDF : 6286.3/22

+ sign 0.752 $\pm$ 0.029 χ^2/NDF : 7966.0/41

All: 0.640 $\pm$ 0.020 χ^2/NDF : 15375.7/84

- sign 0.540 $\pm$ 0.027 χ^2/NDF : 7380.5/42

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 18.147 ± 0.039 χ^2/NDF : 77805.7/24

Right Out: -2.291 ± 0.083 χ^2/NDF : 922.0/19

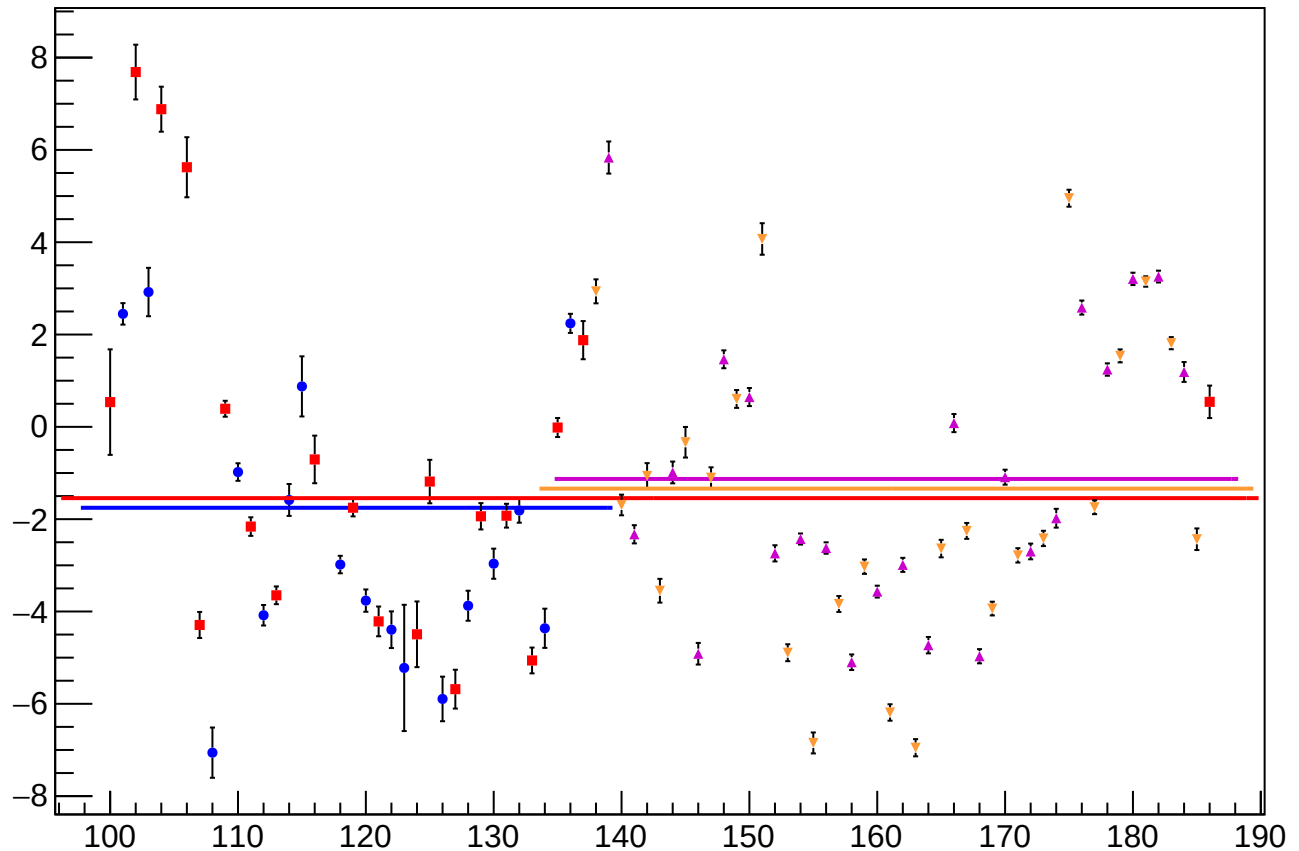
Left In: 16.477 ± 0.038 χ^2/NDF : 41326.5/22

+ sign 15.882 ± 0.037 χ^2/NDF : 108352.6/41

All: 14.502 ± 0.025 χ^2/NDF : 195211.0/84

- sign 13.309 ± 0.034 χ^2/NDF : 84248.6/42

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 $\chi^2/\text{NDF}: 1345.0/16$

Left Out: -1.338 ± 0.036 $\chi^2/\text{NDF}: 7920.8/24$

Right Out: -1.544 ± 0.065 $\chi^2/\text{NDF}: 1524.0/19$

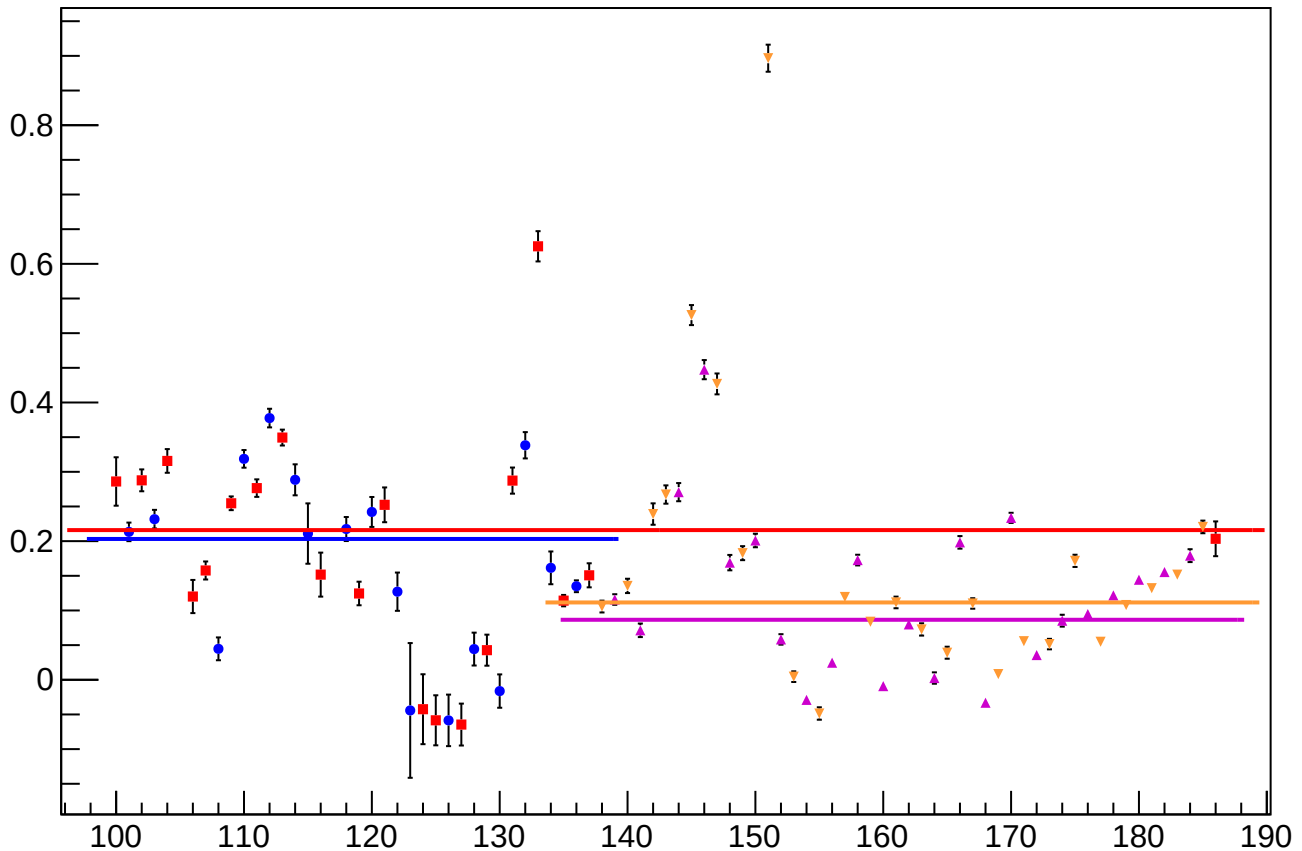
Left In: -1.129 ± 0.034 $\chi^2/\text{NDF}: 6778.7/22$

+ sign -1.424 ± 0.032 $\chi^2/\text{NDF}: 9293.5/41$

All: -1.315 ± 0.022 $\chi^2/\text{NDF}: 17650.3/84$

- sign -1.219 ± 0.030 $\chi^2/\text{NDF}: 8335.1/42$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.112 ± 0.002 χ^2/NDF : 4459.9/24

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.6/19

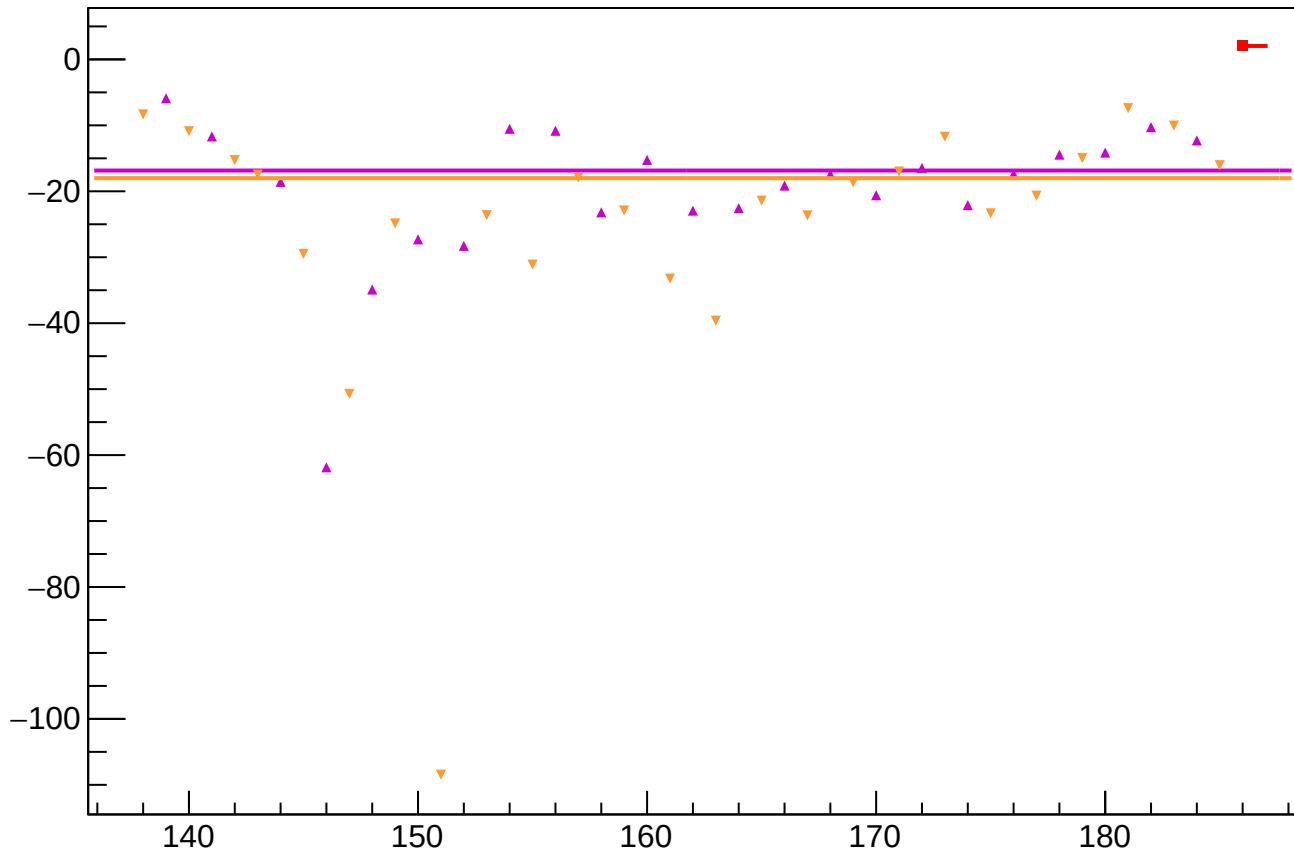
Left In: 0.087 ± 0.001 χ^2/NDF : 3661.4/22

+ sign 0.124 ± 0.001 χ^2/NDF : 5563.8/41

All: 0.114 ± 0.001 χ^2/NDF : 11448.2/84

- sign 0.105 ± 0.001 χ^2/NDF : 5802.8/42

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 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

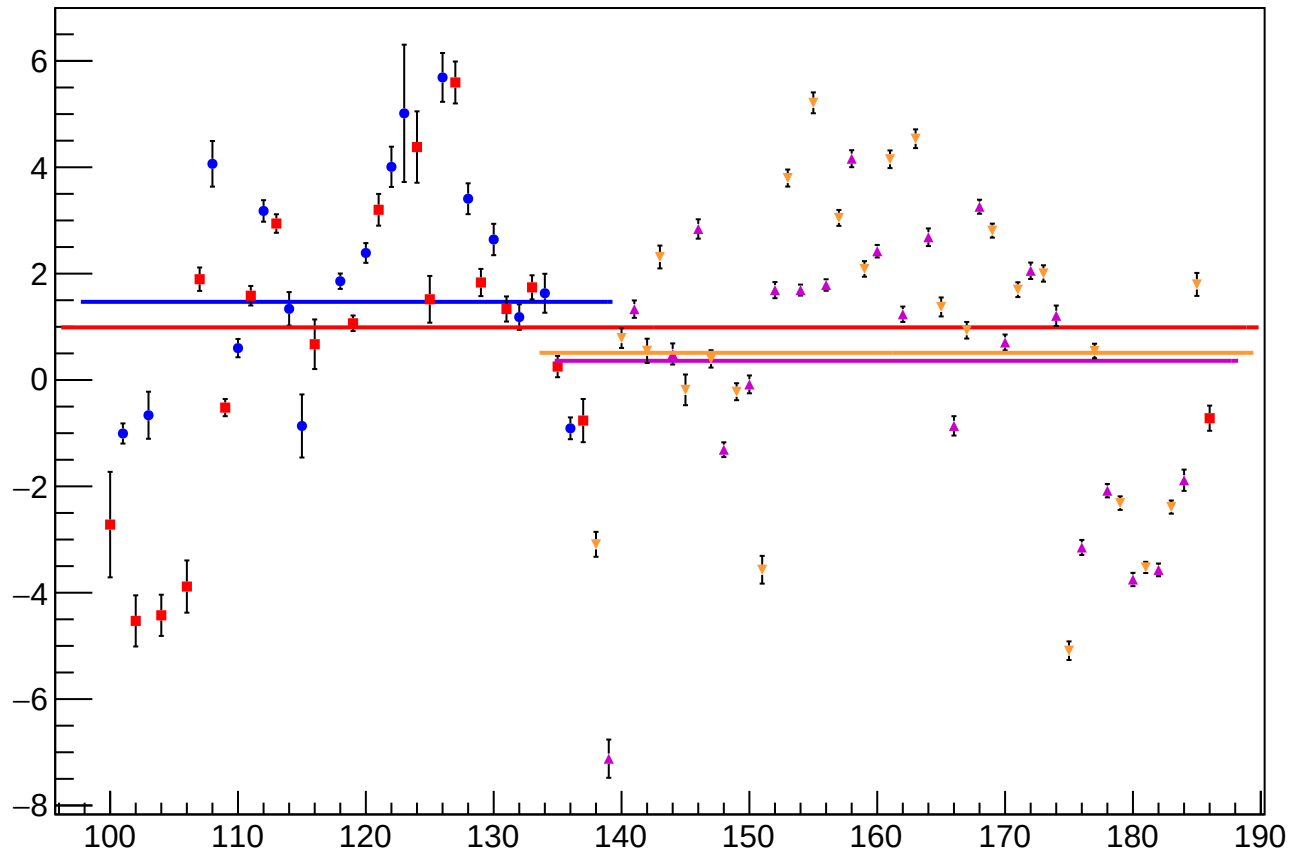
Left In: -16.854+/-0.038 χ^2/NDF : 44680.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.036+/-0.027 χ^2/NDF : 143571.3/48

- sign -16.149+/-0.037 χ^2/NDF : 54020.1/23

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Left Out: 0.511 ± 0.032 $\chi^2/\text{NDF}: 7053.0/24$

Right Out: 0.989 ± 0.056 $\chi^2/\text{NDF}: 1007.3/19$

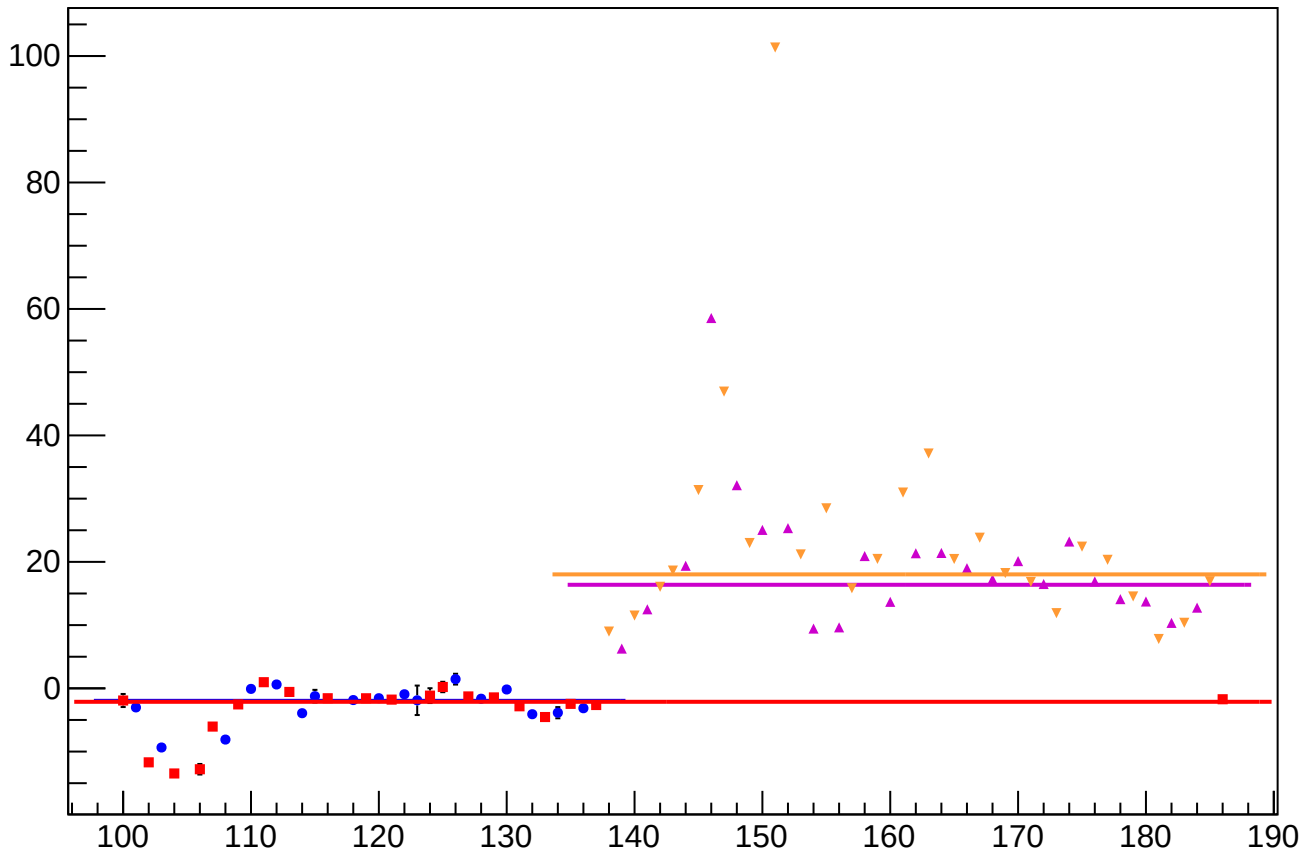
Left In: 0.361 ± 0.030 $\chi^2/\text{NDF}: 6273.5/22$

+ sign 0.721 ± 0.028 $\chi^2/\text{NDF}: 7954.9/41$

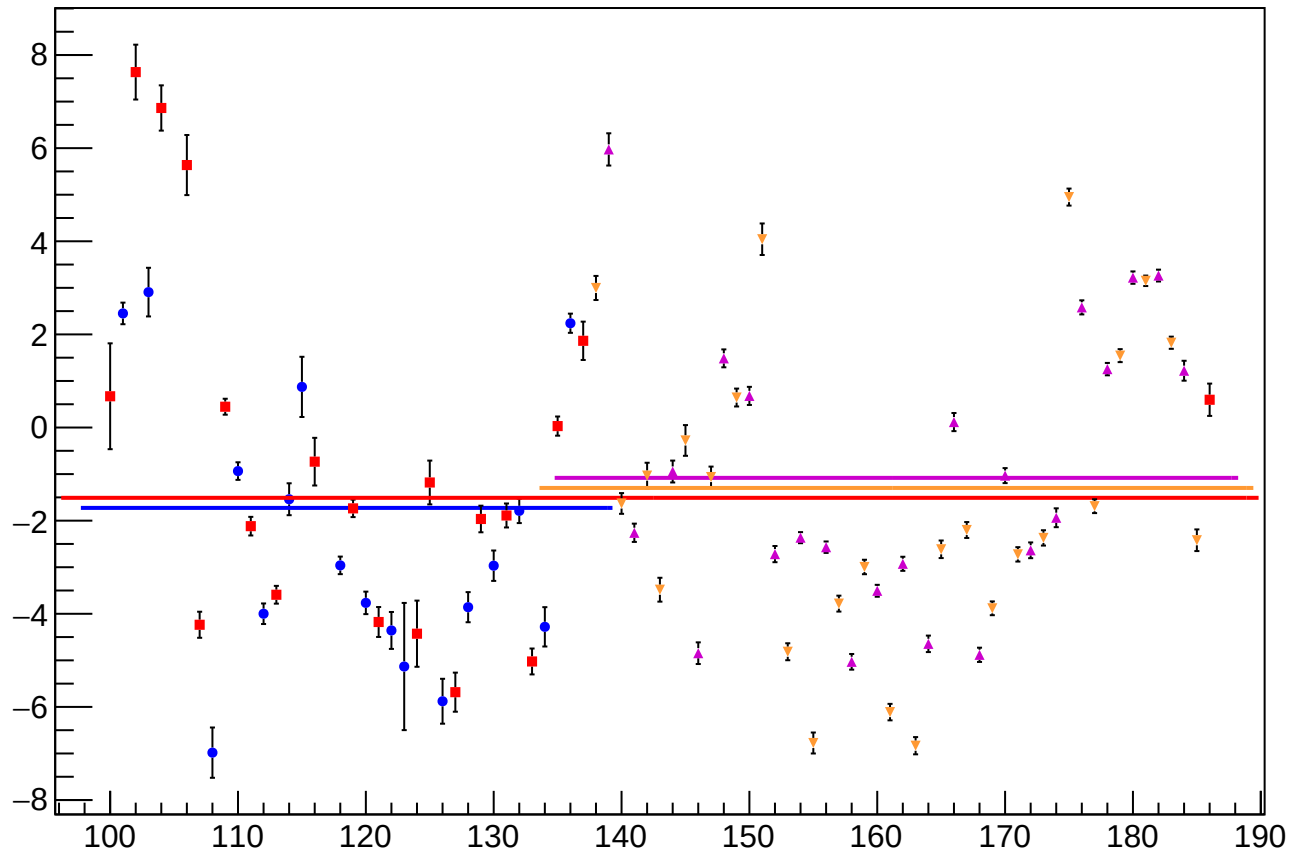
All: 0.606 ± 0.019 $\chi^2/\text{NDF}: 15363.4/84$

- sign 0.503 ± 0.027 $\chi^2/\text{NDF}: 7377.3/42$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF : 1341.5/16

Left Out: -1.297+/-0.036 χ^2/NDF : 7903.2/24

Right Out: -1.509+/-0.064 χ^2/NDF : 1531.0/19

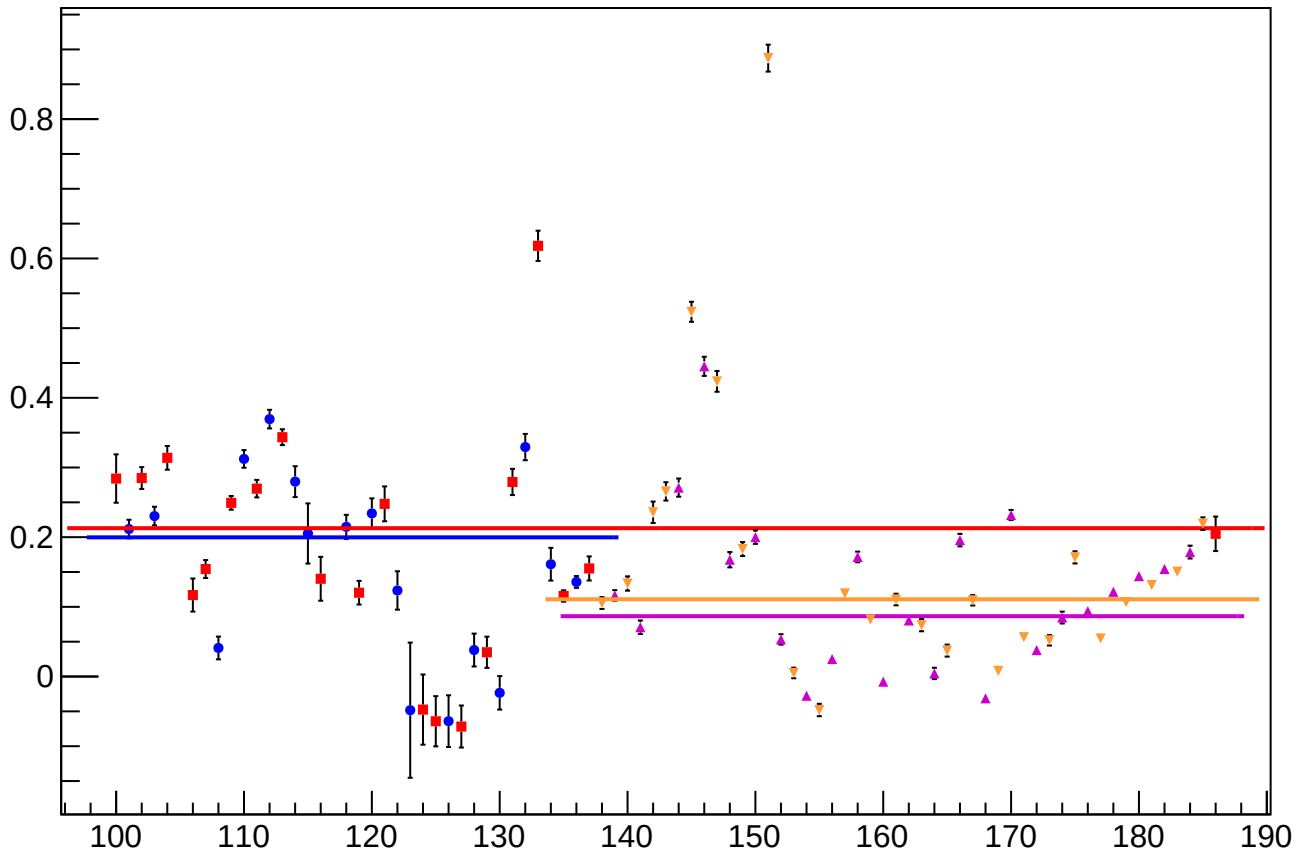
Left In: -1.081+/-0.034 χ^2/NDF : 6764.0/22

+ sign -1.386+/-0.032 χ^2/NDF : 9274.4/41

All: -1.273+/-0.022 χ^2/NDF : 17627.8/84

- sign -1.174+/-0.030 χ^2/NDF : 8329.8/42

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.111 ± 0.002 χ^2/NDF : 4452.0/24

Right Out: 0.213 ± 0.004 χ^2/NDF : 1051.0/19

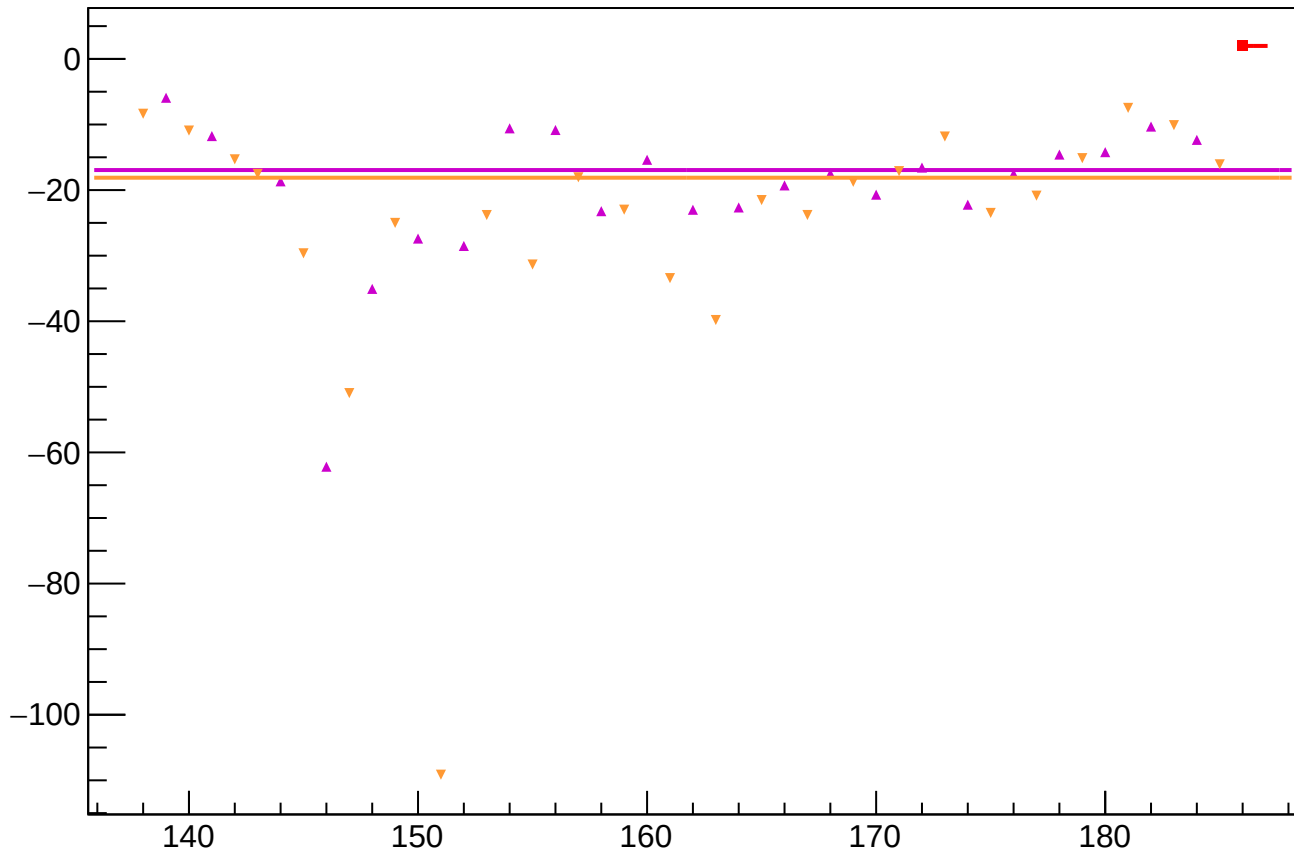
Left In: 0.087 ± 0.001 χ^2/NDF : 3631.4/22

+ sign 0.122 ± 0.001 χ^2/NDF : 5520.4/41

All: 0.113 ± 0.001 χ^2/NDF : 11315.3/84

- sign 0.105 ± 0.001 χ^2/NDF : 5717.4/42

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 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

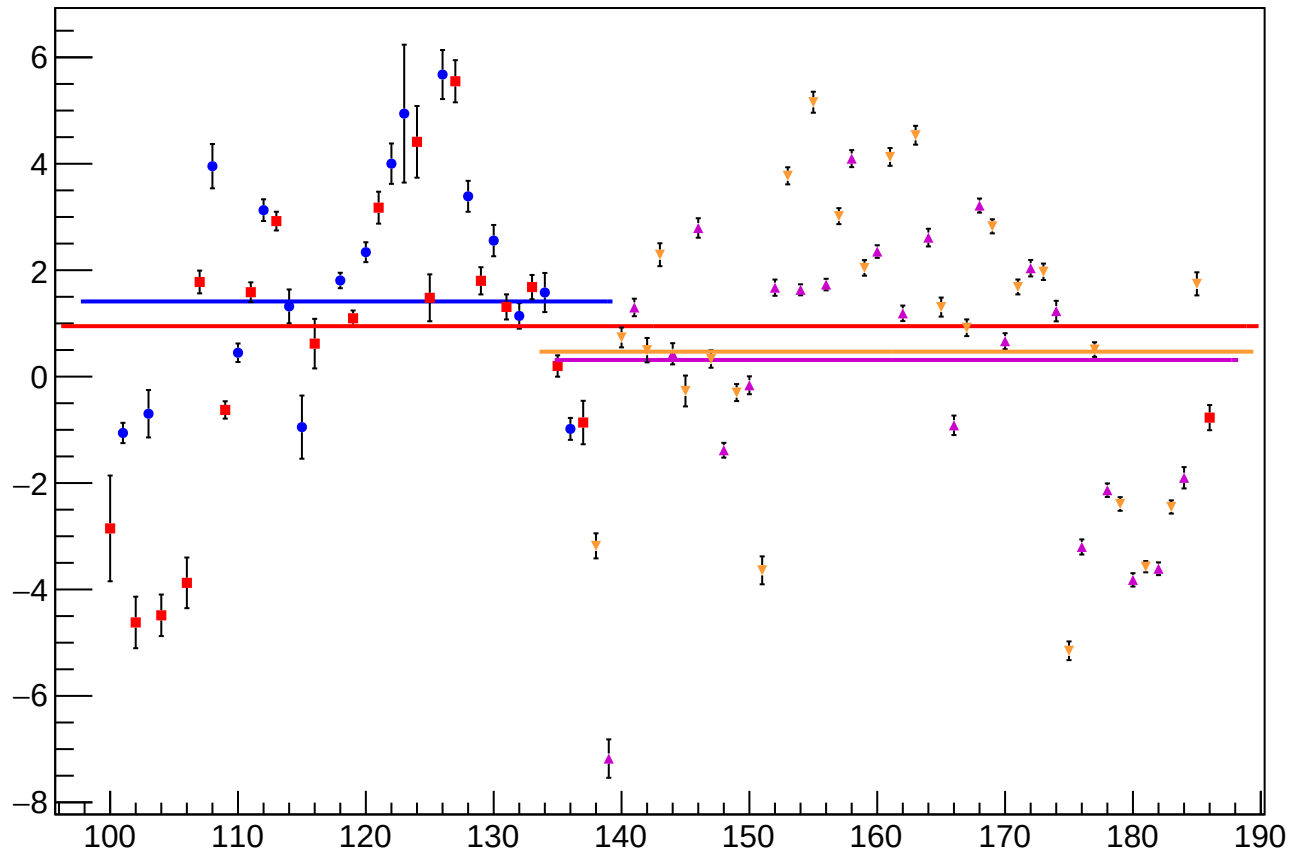
Left In: -16.945+/-0.038 χ^2/NDF : 44756.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.131+/-0.027 χ^2/NDF : 143864.9/48

- sign -16.232+/-0.037 χ^2/NDF : 54153.2/23

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 $\pm$ 0.061 χ^2/NDF : 713.9/16

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

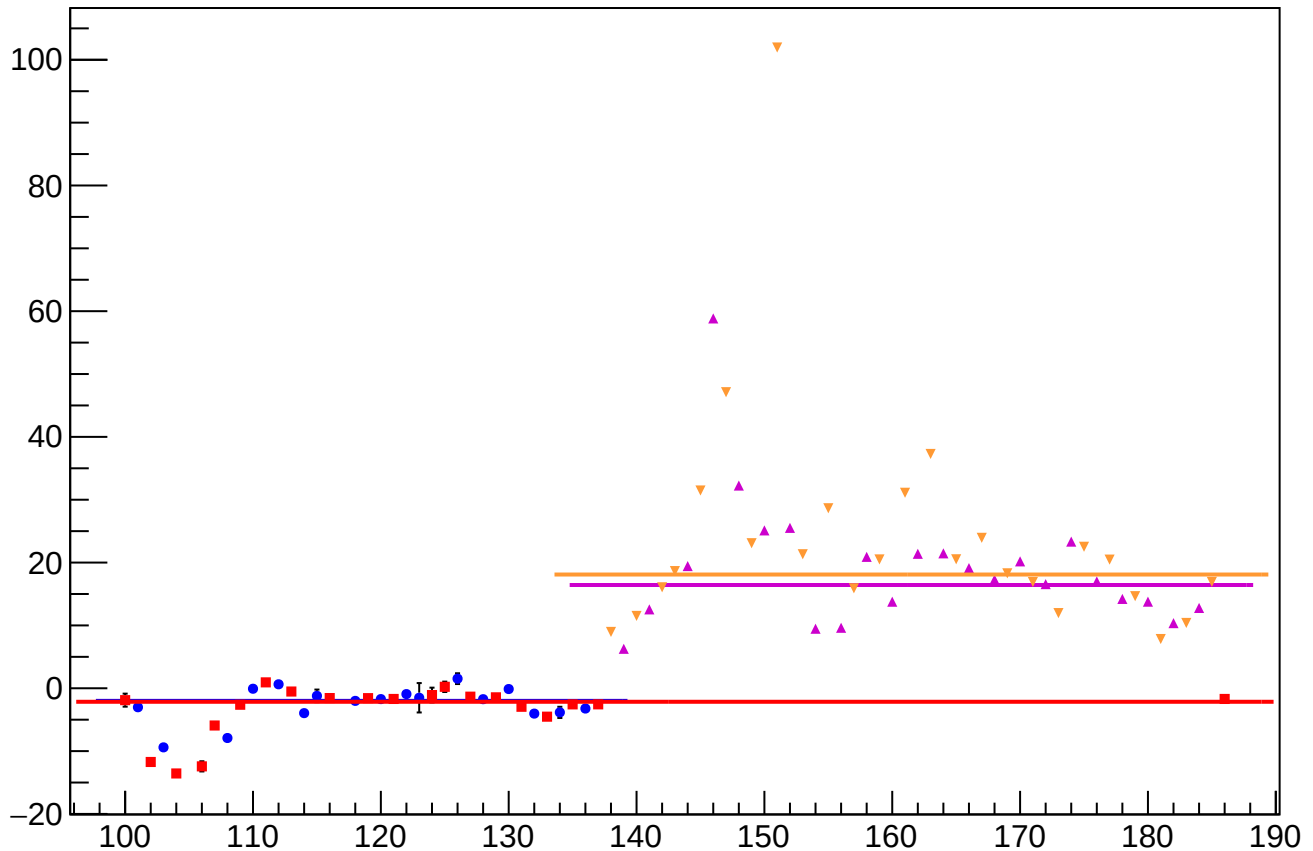
Left In: 0.313 $\pm$ 0.031 χ^2/NDF : 6235.0/22

+ sign 0.675 $\pm$ 0.029 χ^2/NDF : 7977.2/41

All: 0.559 $\pm$ 0.020 χ^2/NDF : 15360.9/84

- sign 0.457 $\pm$ 0.027 χ^2/NDF : 7352.6/42

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 $\chi^2/\text{NDF}: 463.3/16$

Left Out: 18.098 ± 0.039 $\chi^2/\text{NDF}: 77793.7/24$

Right Out: -2.149 ± 0.083 $\chi^2/\text{NDF}: 913.4/19$

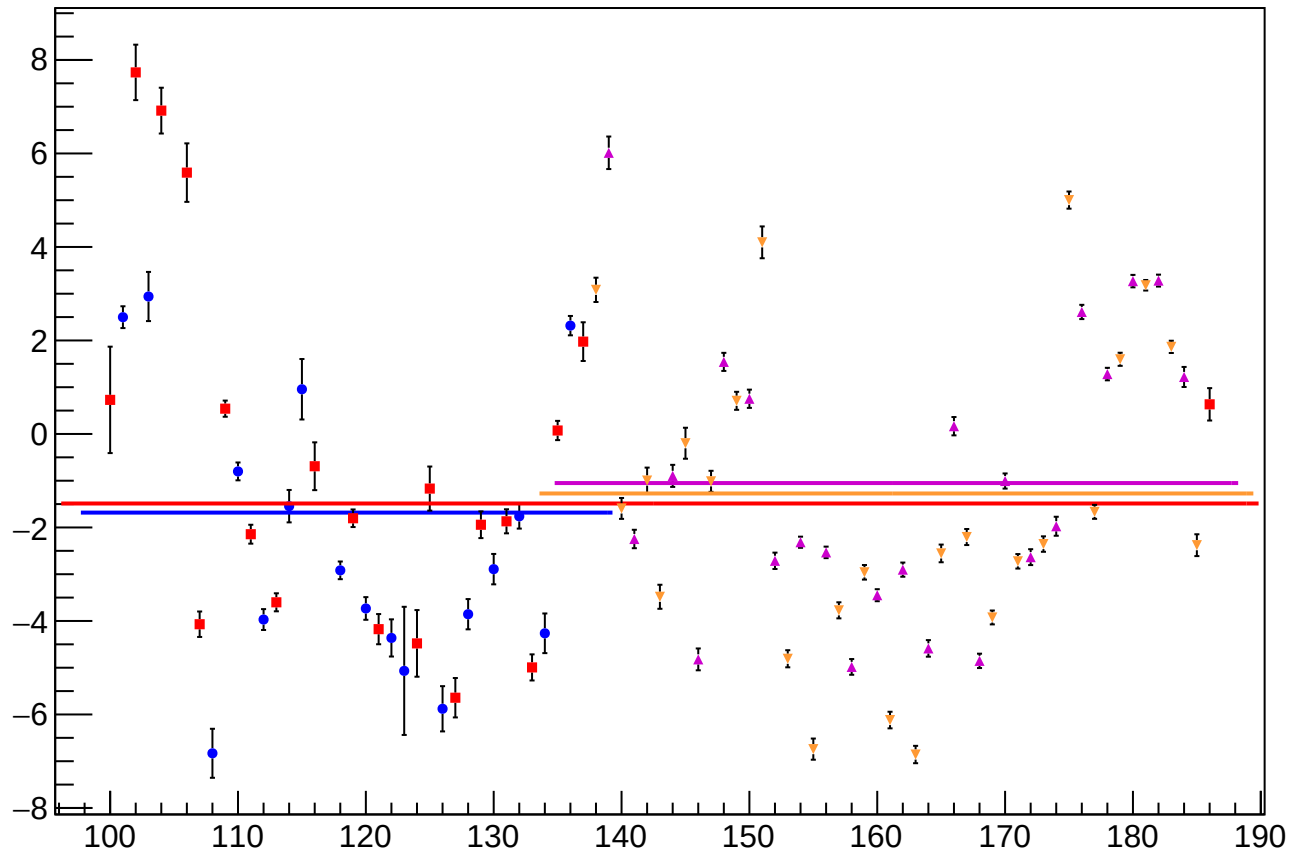
Left In: 16.431 ± 0.038 $\chi^2/\text{NDF}: 41337.1/22$

+ sign 15.873 ± 0.037 $\chi^2/\text{NDF}: 107629.4/41$

All: 14.484 ± 0.025 $\chi^2/\text{NDF}: 194057.1/84$

- sign 13.285 ± 0.034 $\chi^2/\text{NDF}: 83774.9/42$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF : 1347.8/16

Left Out: -1.273+/-0.036 χ^2/NDF : 7931.0/24

Right Out: -1.487+/-0.064 χ^2/NDF : 1543.5/19

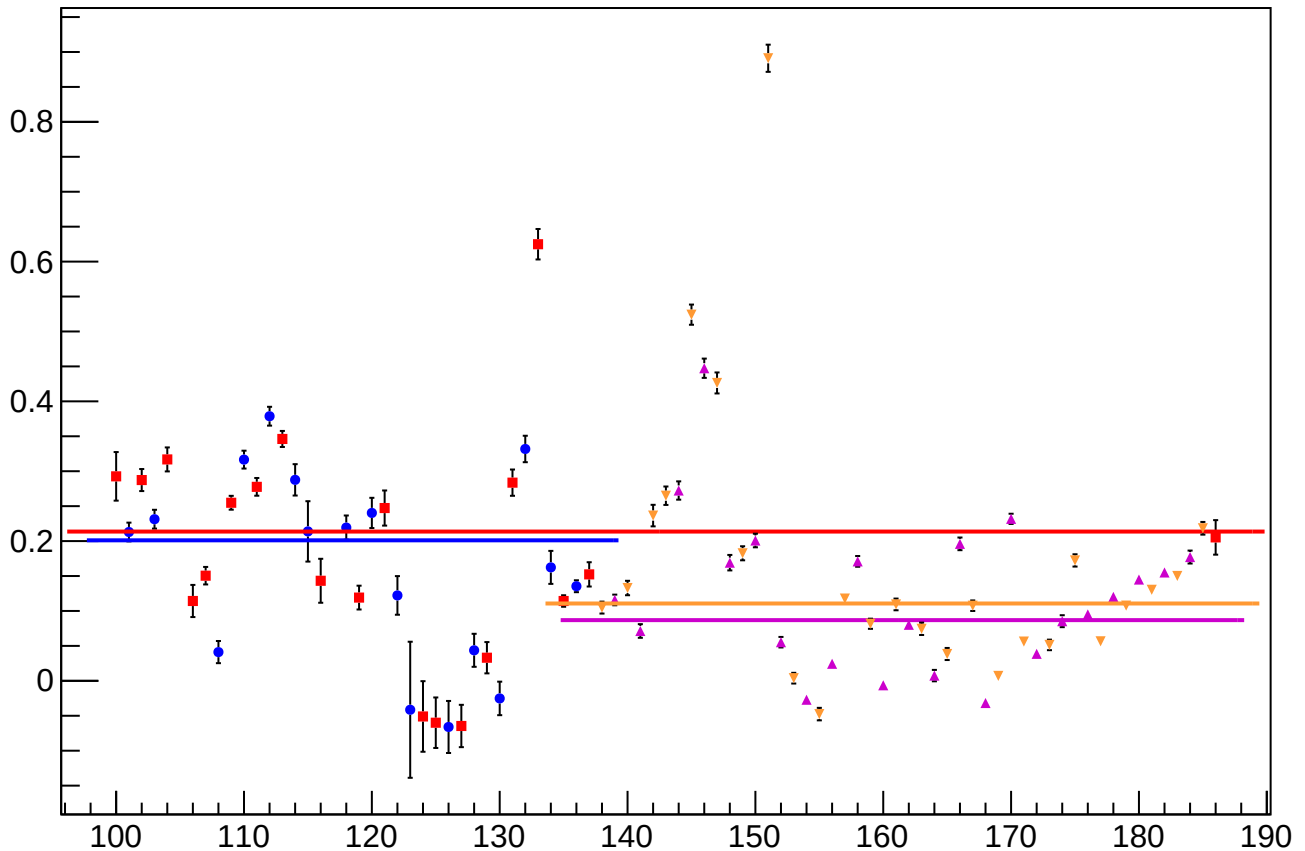
Left In: -1.050+/-0.034 χ^2/NDF : 6713.0/22

+ sign -1.357+/-0.032 χ^2/NDF : 9305.7/41

All: -1.245+/-0.022 χ^2/NDF : 17621.6/84

- sign -1.145+/-0.030 χ^2/NDF : 8292.5/42

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.111 ± 0.002 χ^2/NDF : 4430.3/24

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.3/19

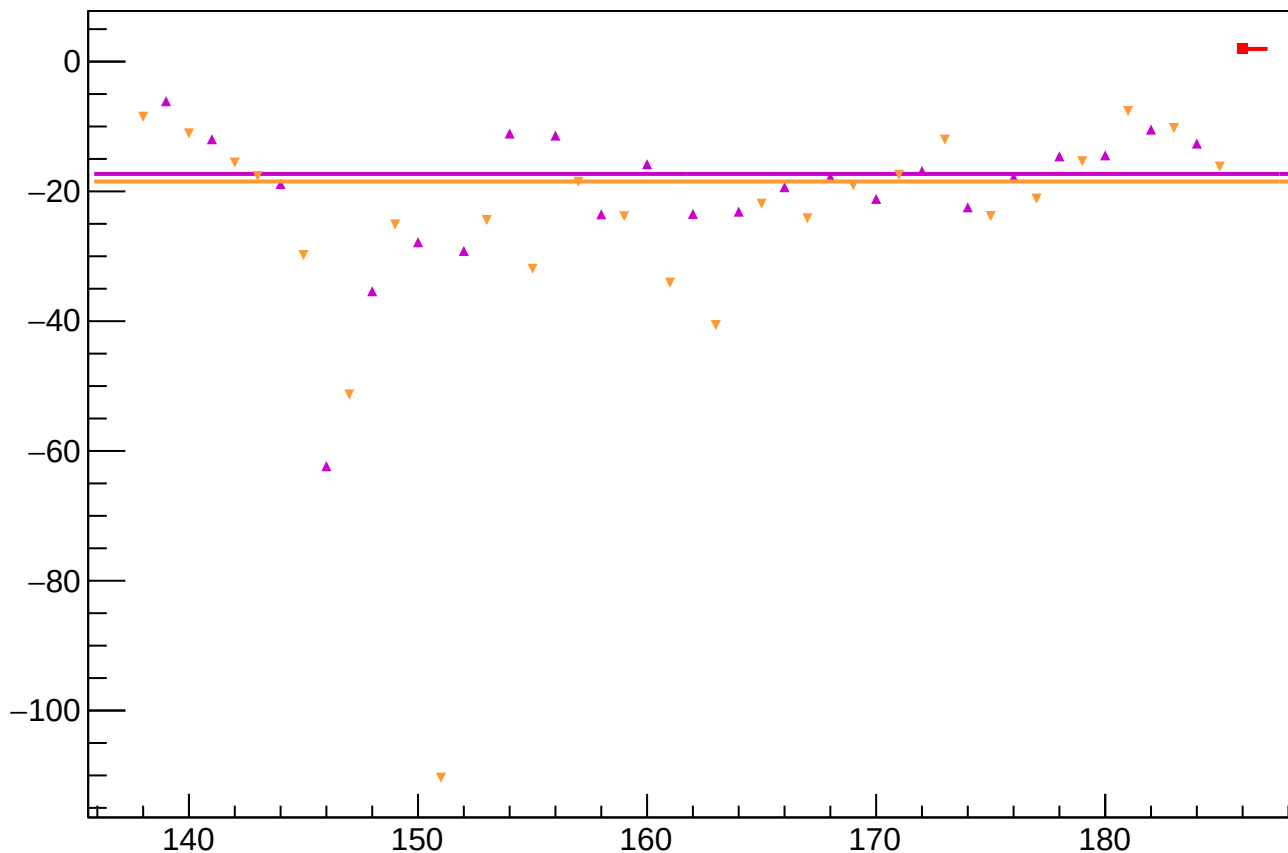
Left In: 0.087 ± 0.001 χ^2/NDF : 3604.3/22

+ sign 0.123 ± 0.001 χ^2/NDF : 5538.6/41

All: 0.113 ± 0.001 χ^2/NDF : 11337.3/84

- sign 0.105 ± 0.001 χ^2/NDF : 5725.4/42

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.478 $\pm$ 0.040 χ^2 /NDF: 87856.5/24

Right Out: 1.954 $\pm$ 0.192 χ^2 /NDF: 0.0/0

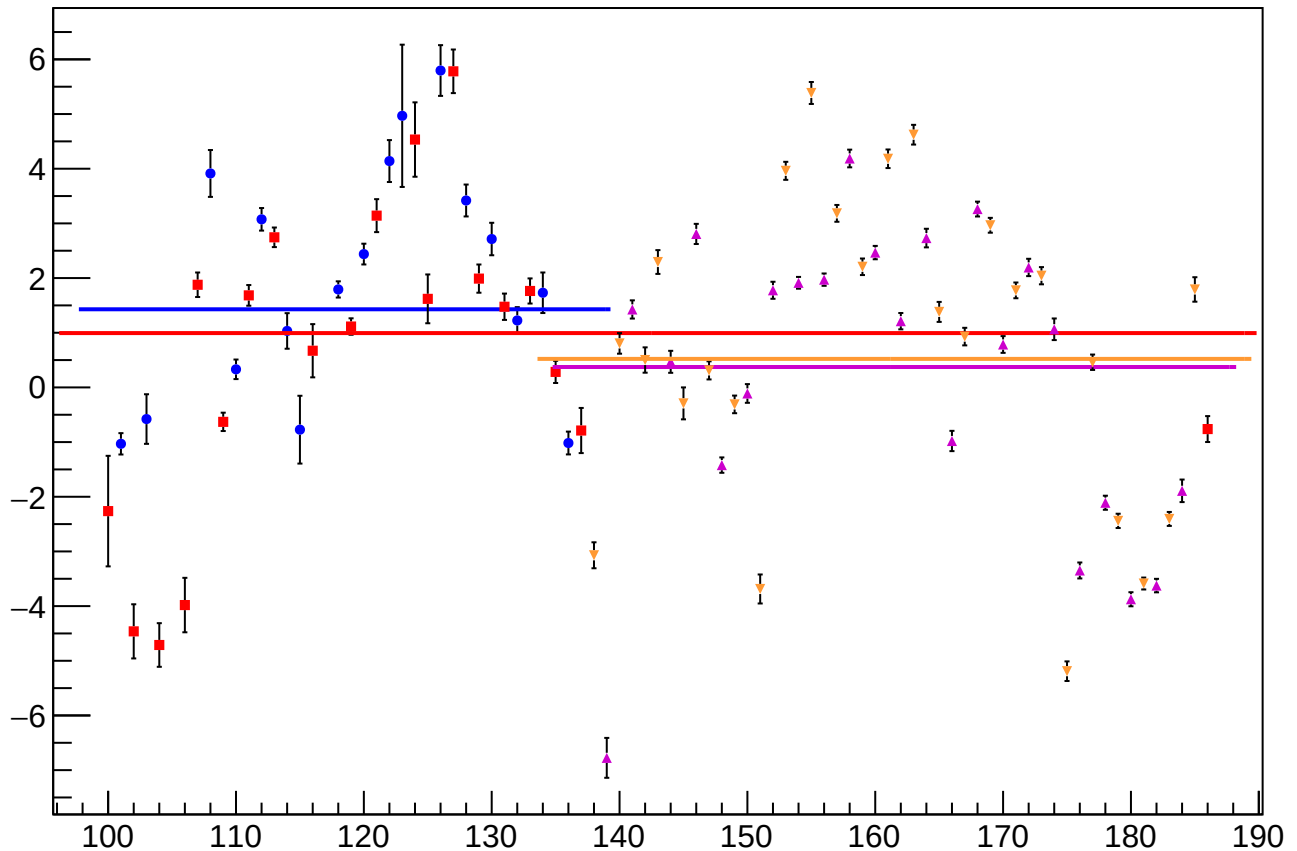
Left In: -17.309 $\pm$ 0.039 χ^2 /NDF: 43807.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.475 $\pm$ 0.027 χ^2 /NDF: 142519.1/48

- sign -16.556 $\pm$ 0.038 χ^2 /NDF: 53442.4/23

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 ± 0.062 χ^2/NDF : 711.4/16

Left Out: 0.522 ± 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.994 ± 0.058 χ^2/NDF : 994.8/19

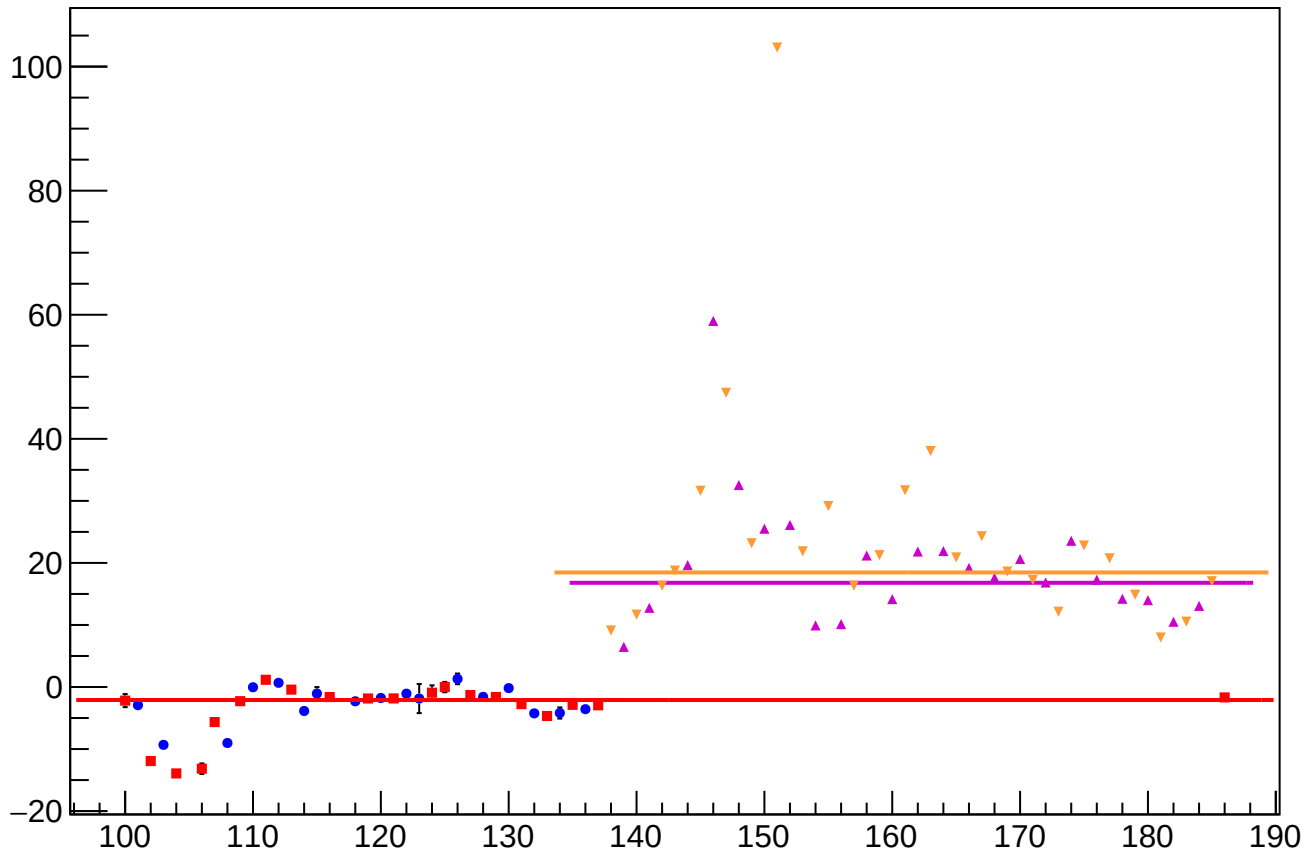
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.721 ± 0.029 χ^2/NDF : 7915.7/41

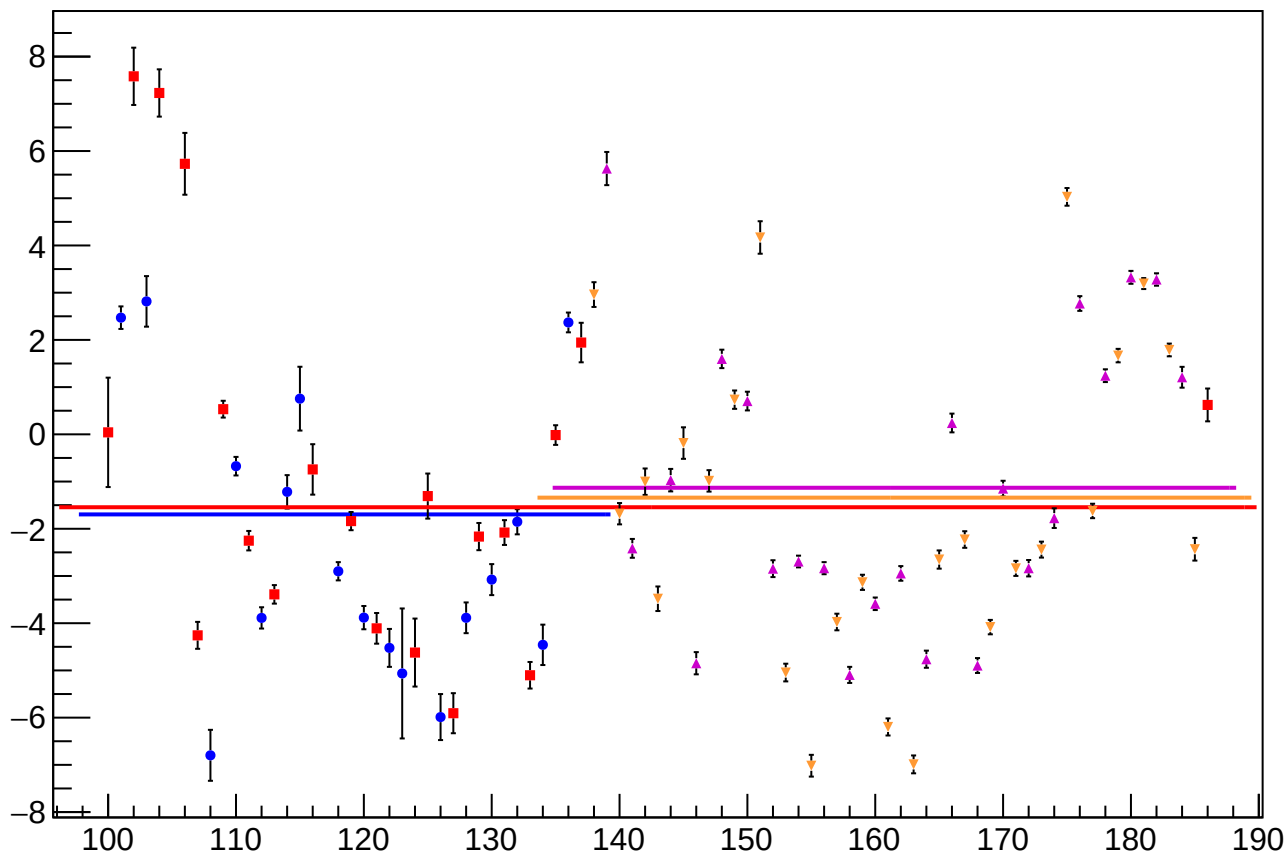
All: 0.612 ± 0.020 χ^2/NDF : 15290.7/84

- 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: -1.696 ± 0.072 $\chi^2/\text{NDF}: 1333.3/16$

Left Out: -1.341 ± 0.037 $\chi^2/\text{NDF}: 7886.0/24$

Right Out: -1.544 ± 0.066 $\chi^2/\text{NDF}: 1507.6/19$

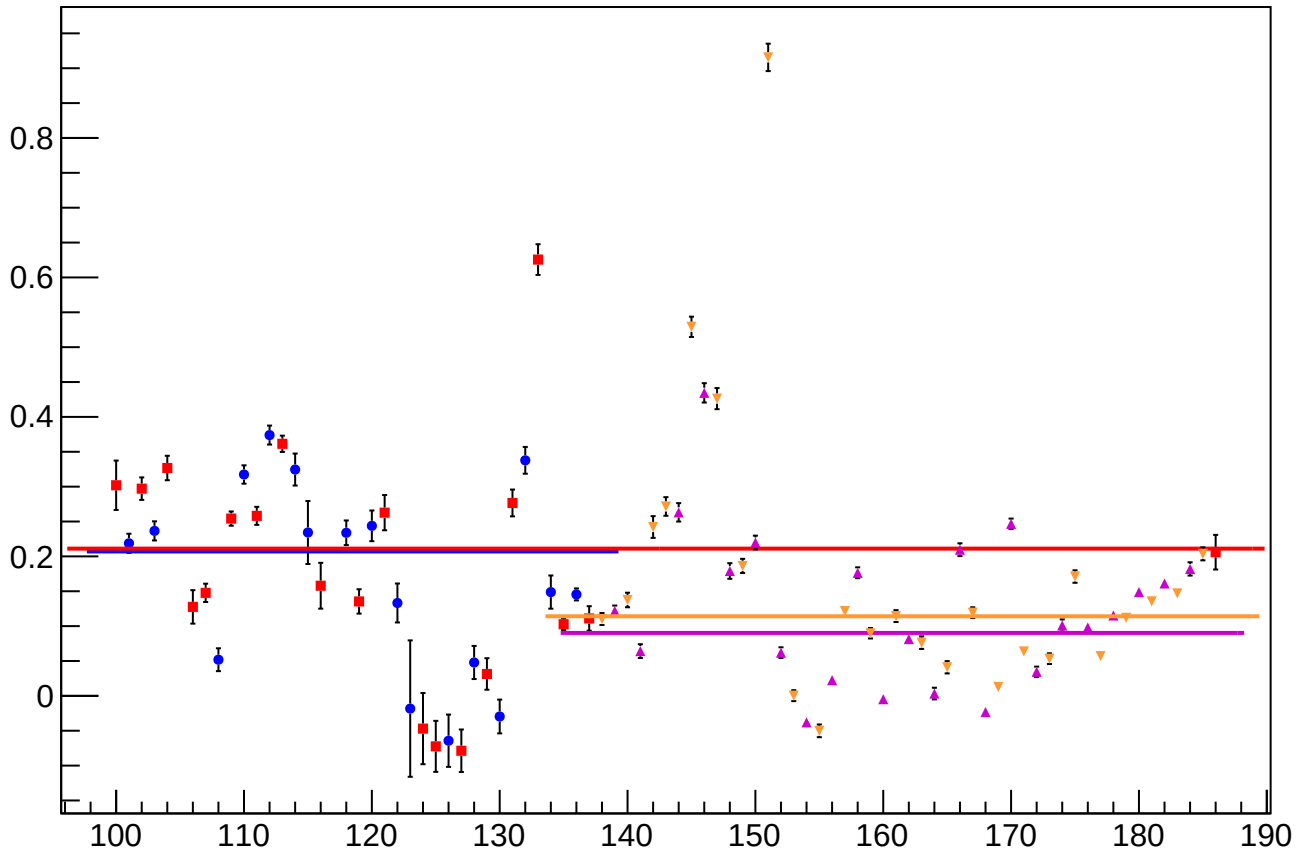
Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6743.4/22$

+ sign -1.415 ± 0.033 $\chi^2/\text{NDF}: 9238.8/41$

All: -1.313 ± 0.022 $\chi^2/\text{NDF}: 17539.0/84$

- sign -1.222 ± 0.031 $\chi^2/\text{NDF}: 8281.7/42$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.004 χ^2 /NDF: 656.3/16

Left Out: 0.114 $\pm$ 0.002 χ^2 /NDF: 4382.5/24

Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1145.7/19

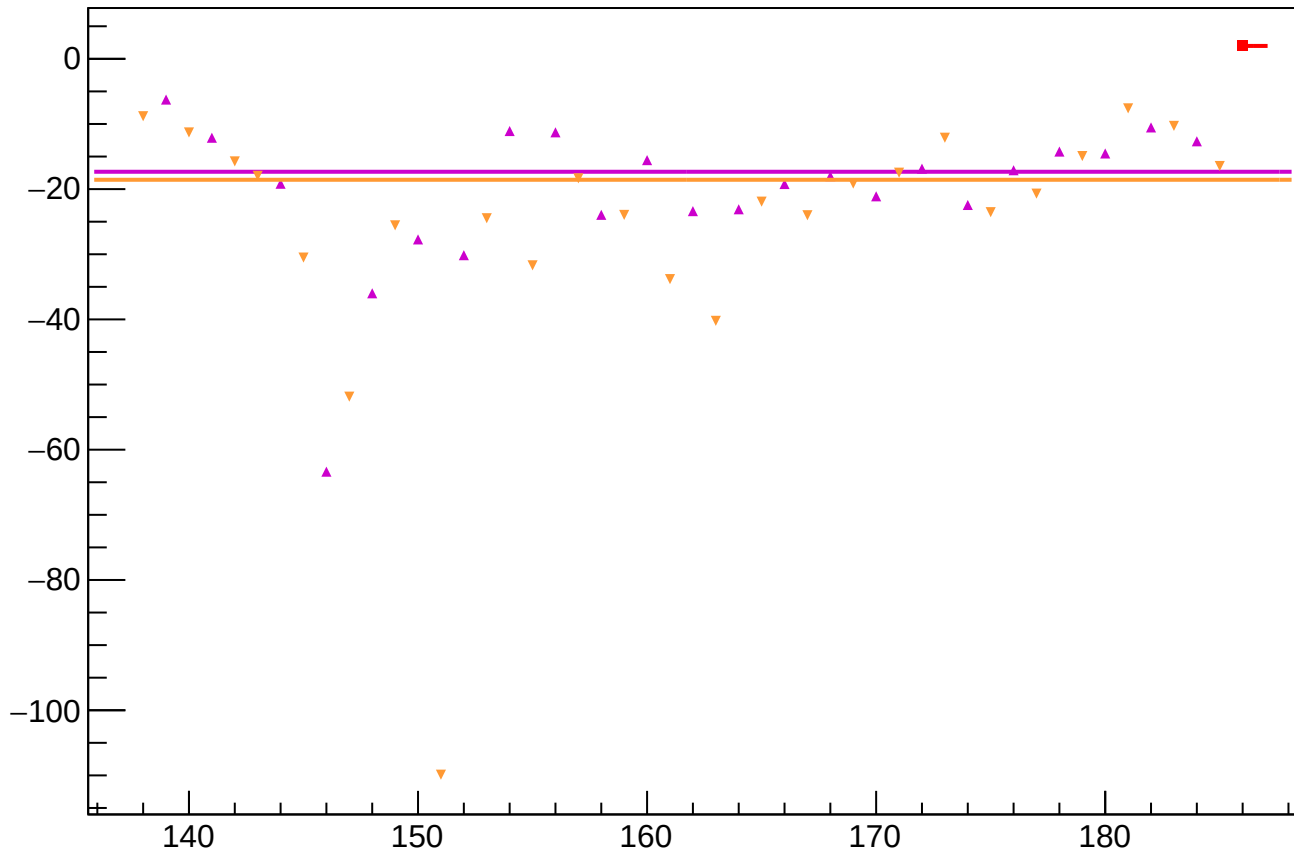
Left In: 0.090 $\pm$ 0.002 χ^2 /NDF: 3679.2/22

+ sign 0.126 $\pm$ 0.002 χ^2 /NDF: 5464.5/41

All: 0.116 $\pm$ 0.001 χ^2 /NDF: 11274.6/84

- sign 0.108 $\pm$ 0.001 χ^2 /NDF: 5730.1/42

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.565 $\pm$ 0.040 χ^2 /NDF: 86349.5/24

Right Out: 1.981 $\pm$ 0.193 χ^2 /NDF: 0.0/0

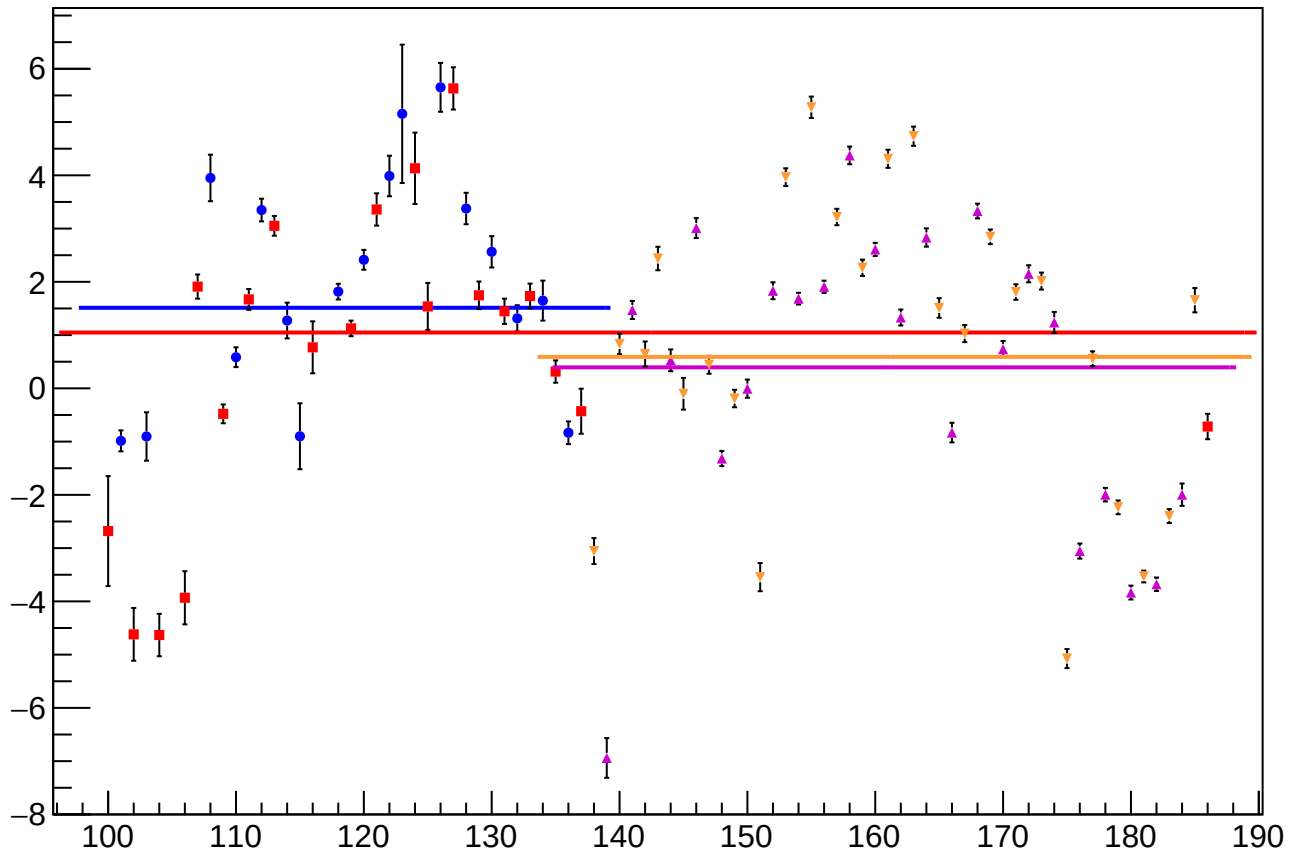
Left In: -17.335 $\pm$ 0.039 χ^2 /NDF: 44078.7/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.525 $\pm$ 0.028 χ^2 /NDF: 141301.6/48

- sign -16.574 $\pm$ 0.038 χ^2 /NDF: 53666.3/23

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 $\pm$ 0.063 χ^2/NDF : 669.7/16

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

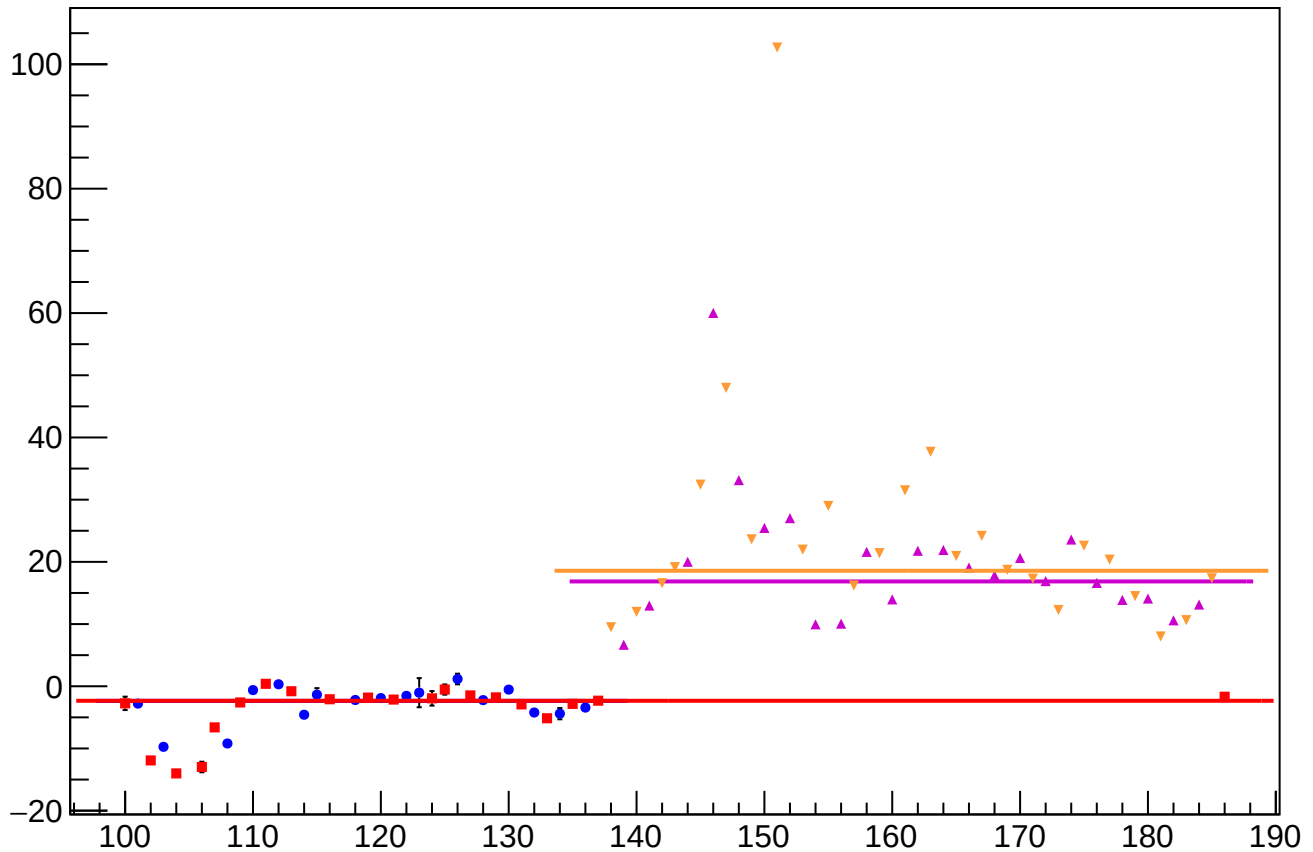
Left In: 0.394 $\pm$ 0.032 χ^2/NDF : 6112.7/22

+ sign 0.794 $\pm$ 0.029 χ^2/NDF : 7618.8/41

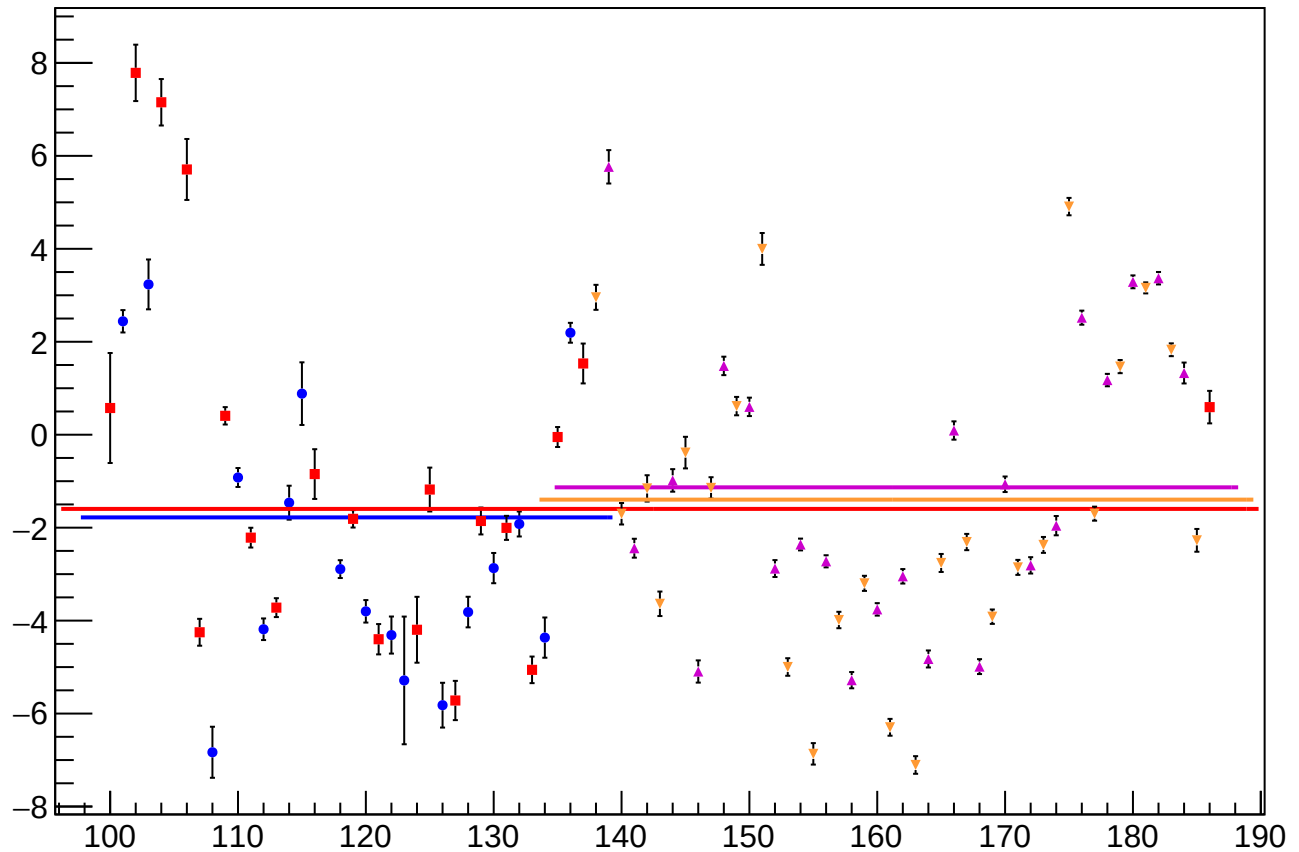
All: 0.661 $\pm$ 0.020 χ^2/NDF : 14842.4/84

- sign 0.543 $\pm$ 0.028 χ^2/NDF : 7185.3/42

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: -1.397 ± 0.037 χ^2/NDF : 7631.3/24

Right Out: -1.596 ± 0.067 χ^2/NDF : 1470.3/19

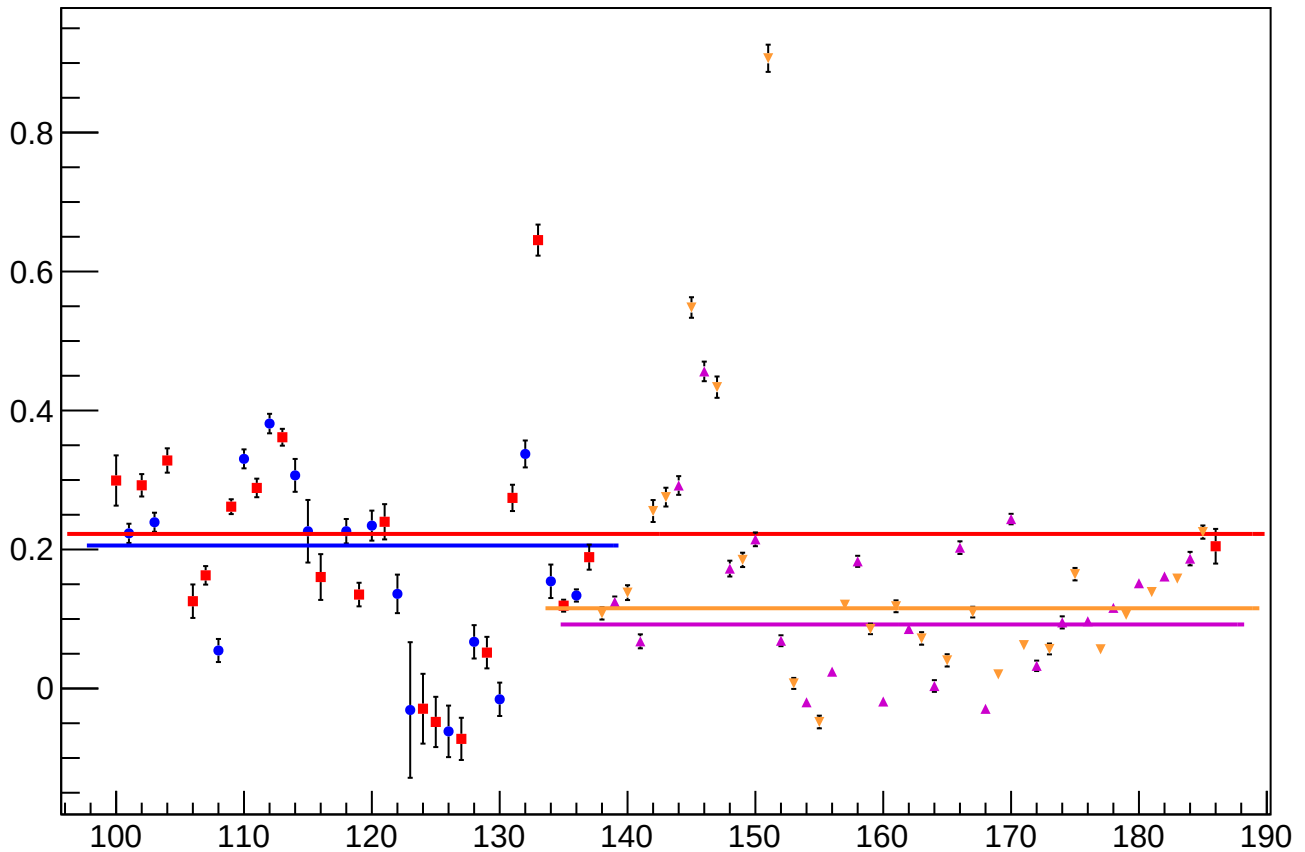
Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

+ sign -1.476 ± 0.033 χ^2/NDF : 8925.6/41

All: -1.347 ± 0.023 χ^2/NDF : 17100.8/84

- sign -1.233 ± 0.031 χ^2/NDF : 8146.4/42

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 $\pm$ 0.004 χ^2/NDF : 651.8/16

Left Out: 0.115 $\pm$ 0.002 χ^2/NDF : 4423.4/24

Right Out: 0.222 $\pm$ 0.004 χ^2/NDF : 1042.7/19

Left In: 0.092 $\pm$ 0.002 χ^2/NDF : 3632.6/22

+ sign 0.127 $\pm$ 0.002 χ^2/NDF : 5466.4/41

All: 0.118 $\pm$ 0.001 χ^2/NDF : 11217.2/84

- sign 0.111 $\pm$ 0.001 χ^2/NDF : 5688.6/42