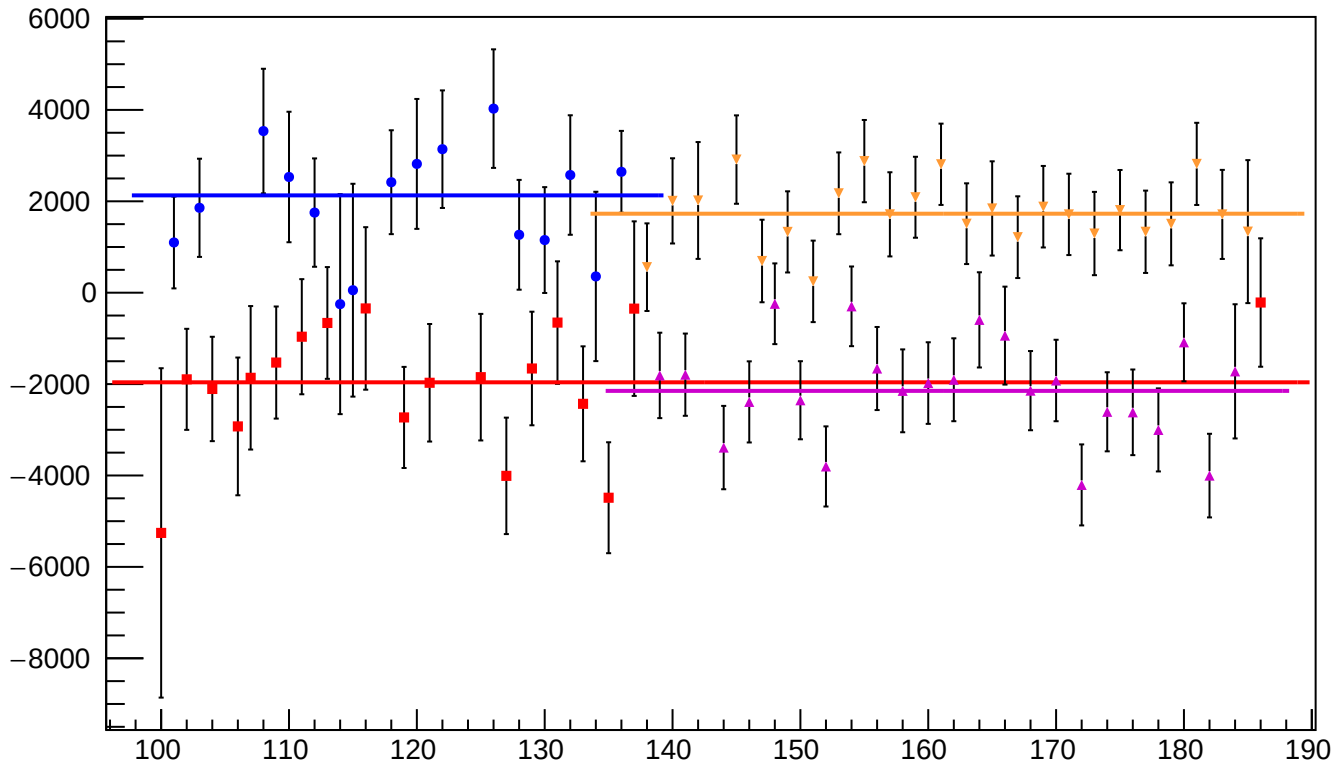


dit_asym_us_avg_mean vs Slug



Right In: 2129.586 $\pm$ 316.501

χ^2 /NDF: 9.8/15

Left Out: 1728.518 $\pm$ 190.668

χ^2 /NDF: 13.4/23

Right Out: -1961.024 $\pm$ 306.552

χ^2 /NDF: 14.8/18

Left In: -2148.611 $\pm$ 191.090

χ^2 /NDF: 31.5/22

+ sign 1835.313 $\pm$ 163.321

χ^2 /NDF: 24.3/39

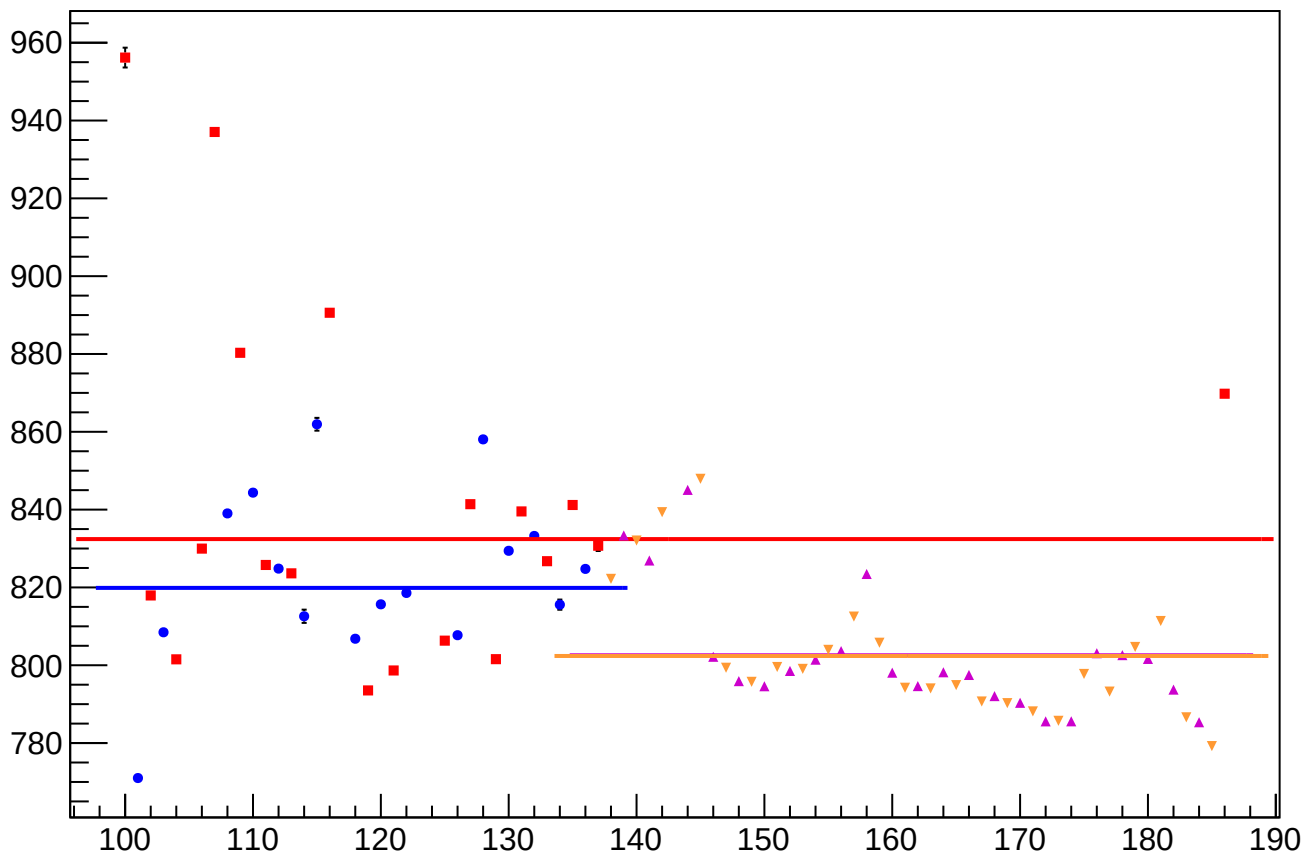
All: -144.379 $\pm$ 115.074

χ^2 /NDF: 362.7/81

- sign -2096.117 $\pm$ 162.164

χ^2 /NDF: 46.5/41

dit_asym_us_avg_rms vs Slug



Right In: 819.883 $\pm$ 0.224 χ^2 /NDF: 9537.8/15

Left Out: 802.383 $\pm$ 0.135 χ^2 /NDF:13224.9/23

Right Out: 832.426 $\pm$ 0.217 χ^2 /NDF: 25913.6/18

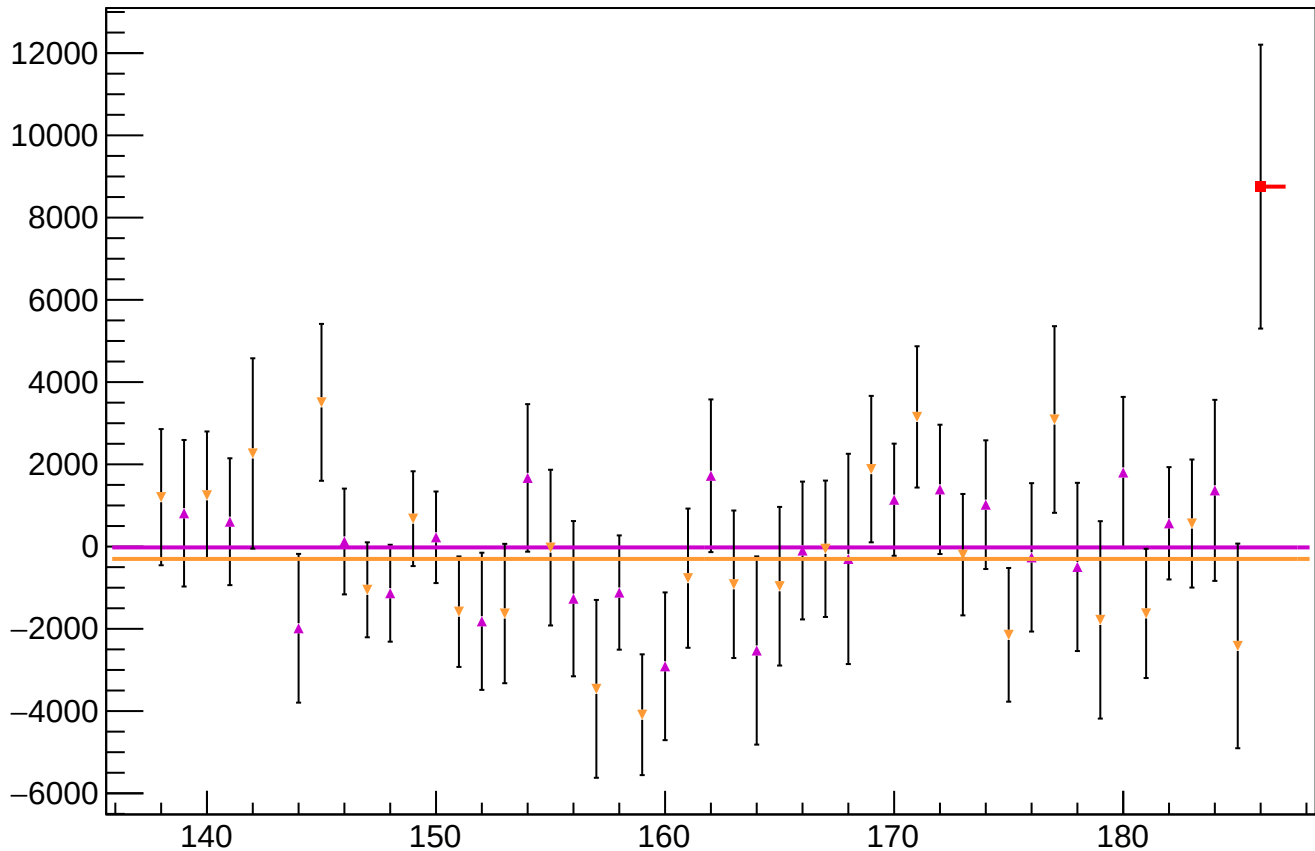
Left In: 802.565 $\pm$ 0.135 χ^2 /NDF:12297.8/22

+ sign 807.043 $\pm$ 0.115 χ^2 /NDF: 27248.9/39

All: 808.996 $\pm$ 0.081 χ^2 /NDF: 79694.4/81

- sign 810.921 $\pm$ 0.115 χ^2 /NDF: 51877.5/41

asym_us_avg_correction_mean vs Slug



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

Left Out: -299.797+/-338.388 χ^2/NDF :30.0/23

Right Out: 8753.348+/-3452.063 χ^2/NDF : 0.0/0

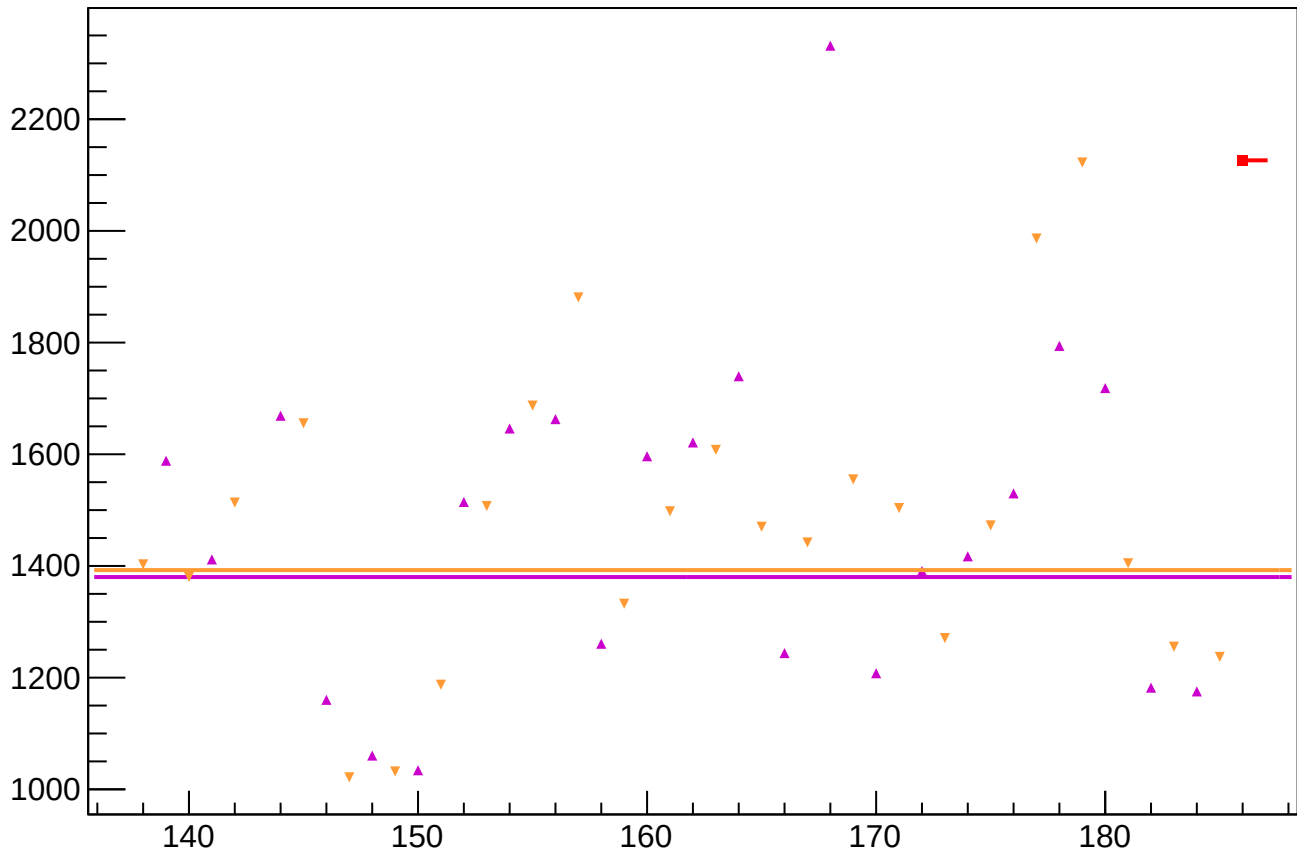
Left In: -20.057+/-335.636 χ^2/NDF :13.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.518+/-237.732 χ^2/NDF : 50.9/47

- sign 62.103+/-334.061 χ^2/NDF : 20.3/23

asym_us_avg_correction_rms vs Slug



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

Left Out: 1392.560+/-0.239 χ^2/NDF : 1085979.5/23

Right Out: 2126.319+/-2.441 χ^2/NDF : 0.0/0

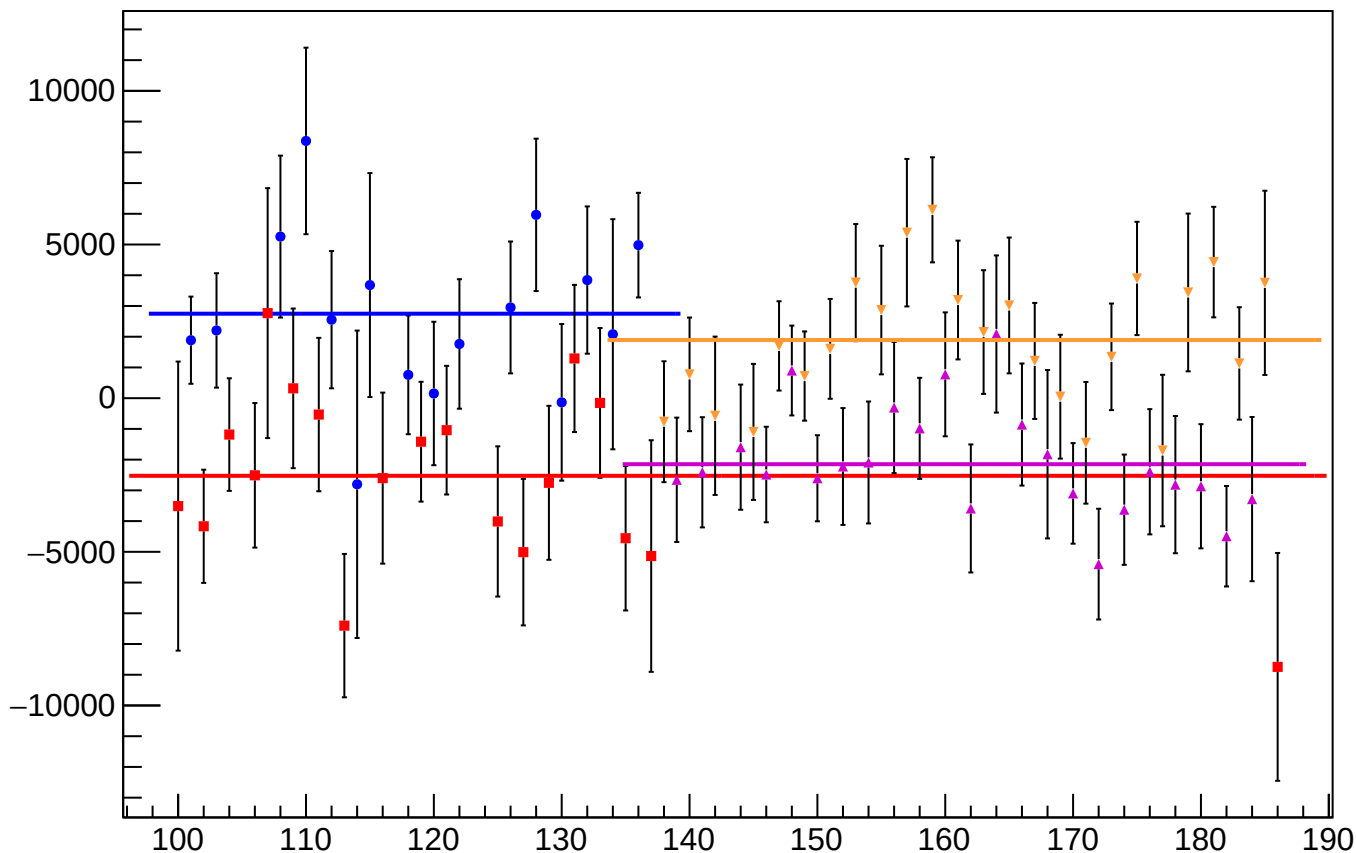
Left In: 1380.121+/-0.237 χ^2/NDF : 1252901.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1389.799+/-0.168 χ^2/NDF : 2431718.9/47

- sign 1387.109+/-0.236 χ^2/NDF : 1345476.6/23

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

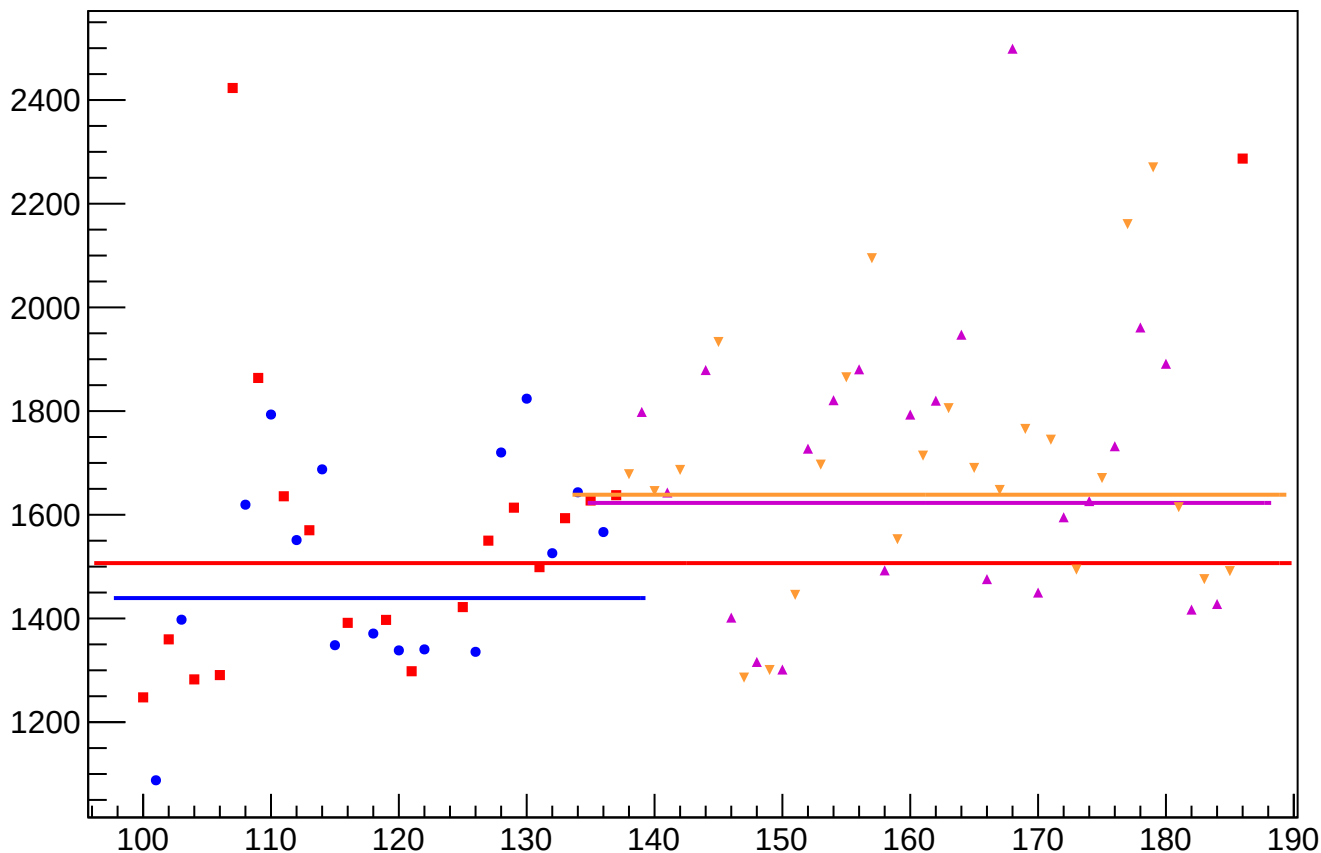
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF: 18.4/22

+ 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+/-0.398 χ^2/NDF : 277860.8/15

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

Right Out: 1506.766+/-0.398 χ^2/NDF : 347023.2/18

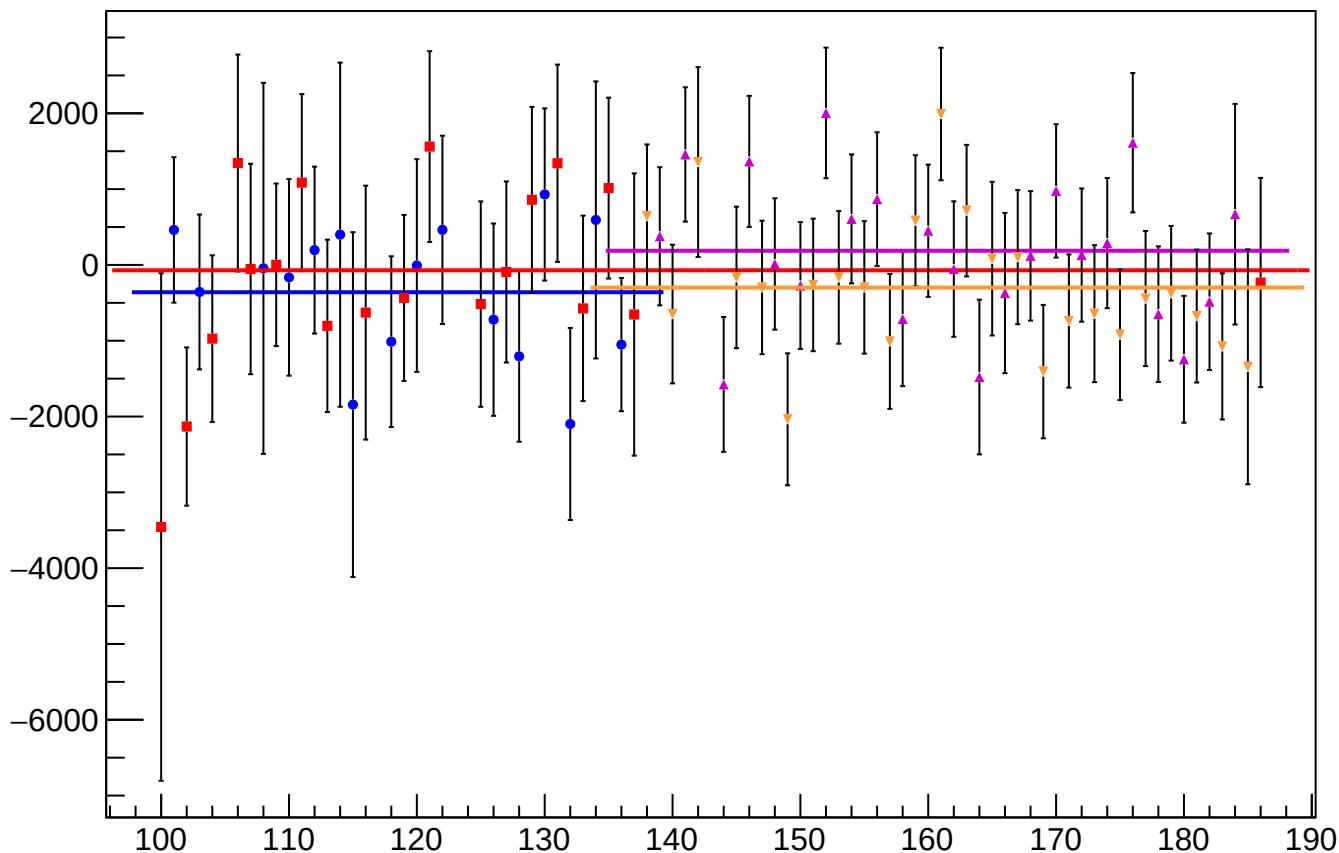
Left In: 1622.876+/-0.277 χ^2/NDF : 780522.2/22

+ sign 1572.957+/-0.229 χ^2/NDF : 1117956.1/39

All: 1578.985+/-0.161 χ^2/NDF : 2304288.5/81

- sign 1584.946+/-0.227 χ^2/NDF : 1184949.0/41

dit_asym_us_dd_mean vs Slug



Right In: -360.203 ± 310.577 χ^2/NDF : 7.1/15

Left Out: -298.690 ± 186.973 χ^2/NDF : 21.0/23

Right Out: -70.533 ± 292.003 χ^2/NDF : 12.8/18

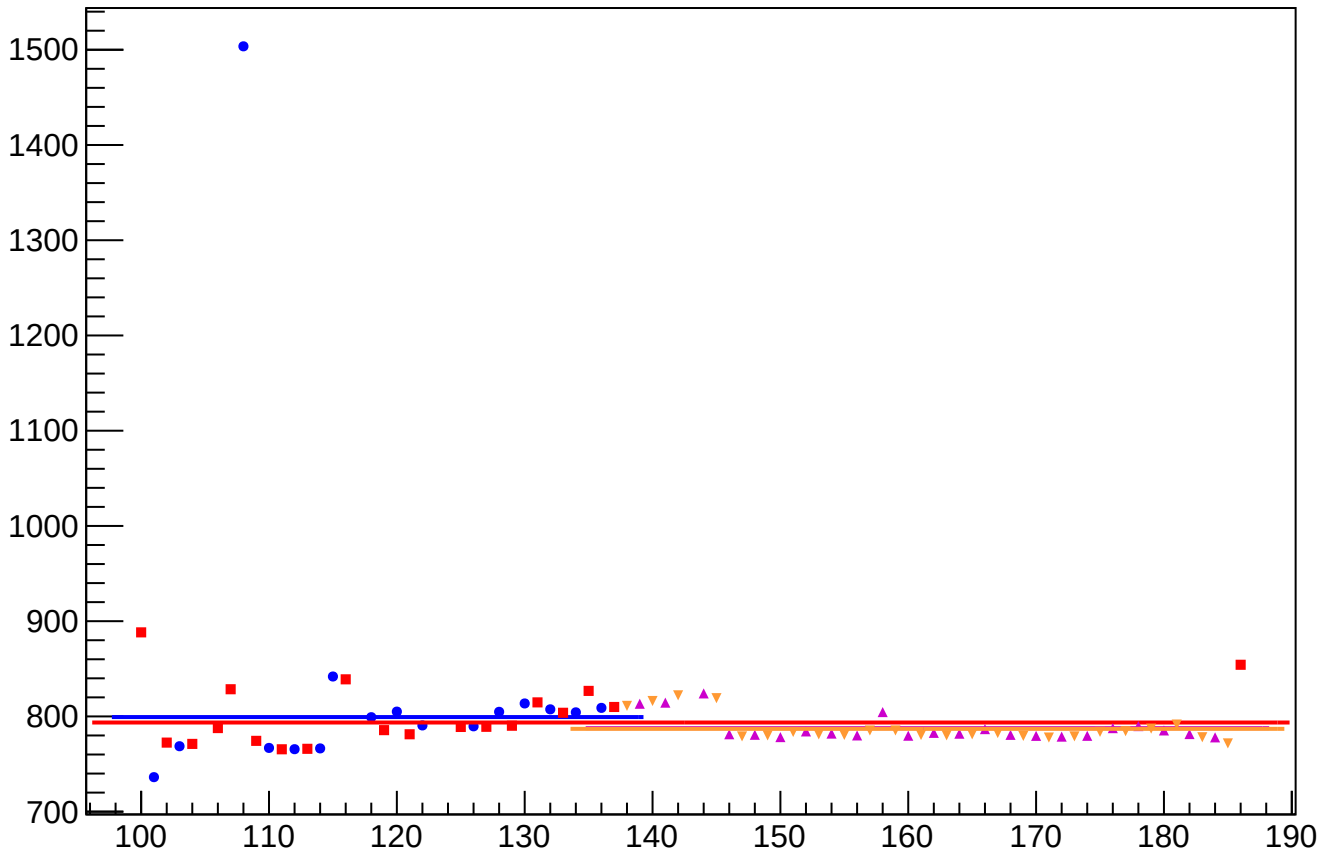
Left In: 187.064 ± 187.529 χ^2/NDF : 25.4/22

+ sign -315.054 ± 160.185 χ^2/NDF : 28.1/39

All: -98.391 ± 112.412 χ^2/NDF : 70.5/81

- sign 111.844 ± 157.791 χ^2/NDF : 38.8/41

dit_asym_us_dd_rms vs Slug



Right In: 799.322+/-0.220 χ^2/NDF : 181303.9/15

Left Out: 786.958+/-0.132 χ^2/NDF : 9150.0/23

Right Out: 793.601+/-0.206 χ^2/NDF : 15596.7/18

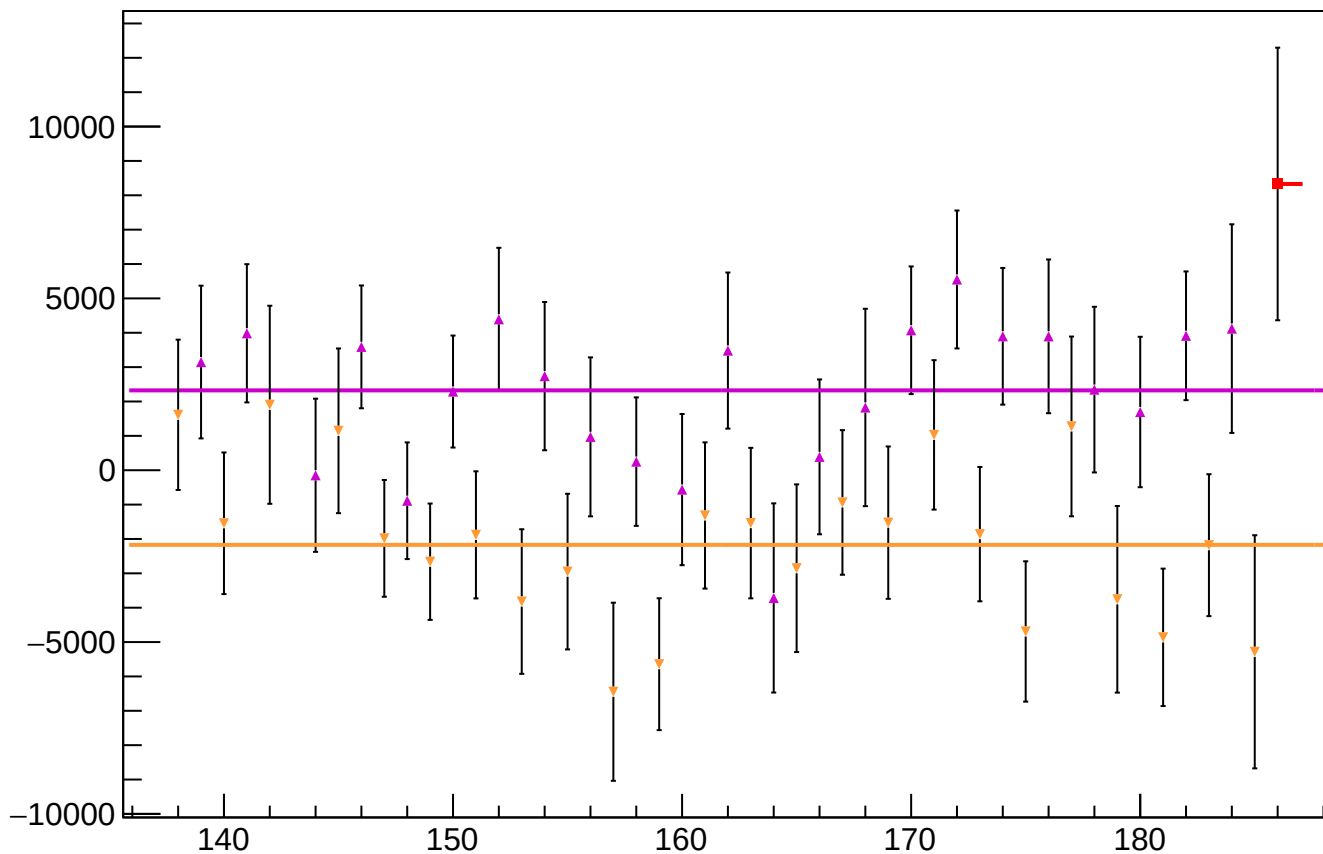
Left In: 787.707+/-0.133 χ^2/NDF : 9449.8/22

+ sign 790.247+/-0.113 χ^2/NDF : 192780.5/39

All: 789.831+/-0.079 χ^2/NDF : 218430.4/81

- sign 789.428+/-0.112 χ^2/NDF : 25623.5/41

asym_us_dd_correction_mean vs Slug



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

Left Out: -2171.959 $\pm$ 440.110 χ^2 /NDF:23.1/23

Right Out: 8329.311 $\pm$ 3966.108 χ^2 /NDF: 0.0/0

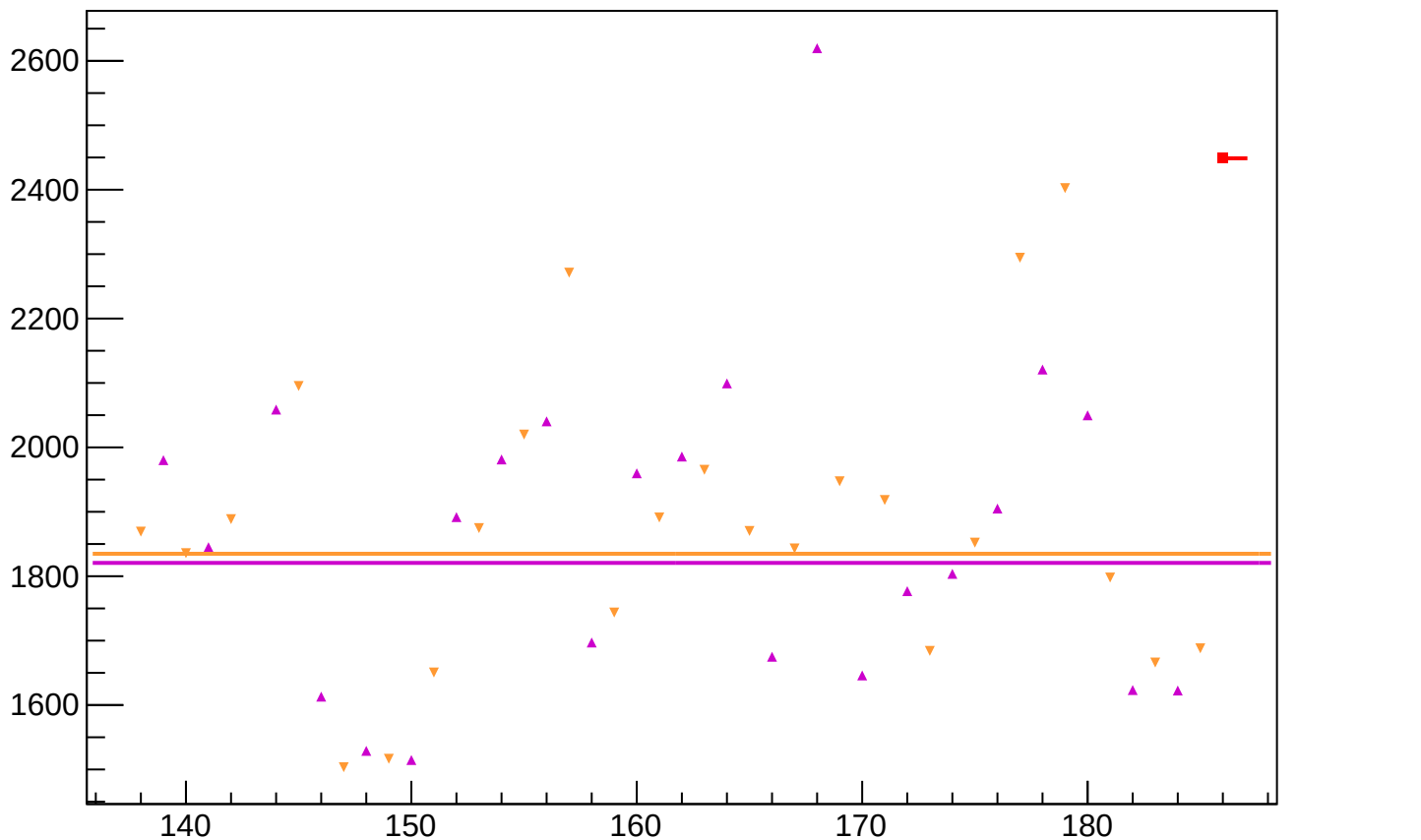
Left In: 2323.747 $\pm$ 437.513 χ^2 /NDF:22.0/22

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

All: 139.320 $\pm$ 309.337 χ^2 /NDF: 101.9/47

- sign 2395.950 $\pm$ 434.875 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: 1834.851+/-0.311 χ^2/NDF : 462857.6/23

Right Out: 2448.748+/-2.804 χ^2/NDF : 0.0/0

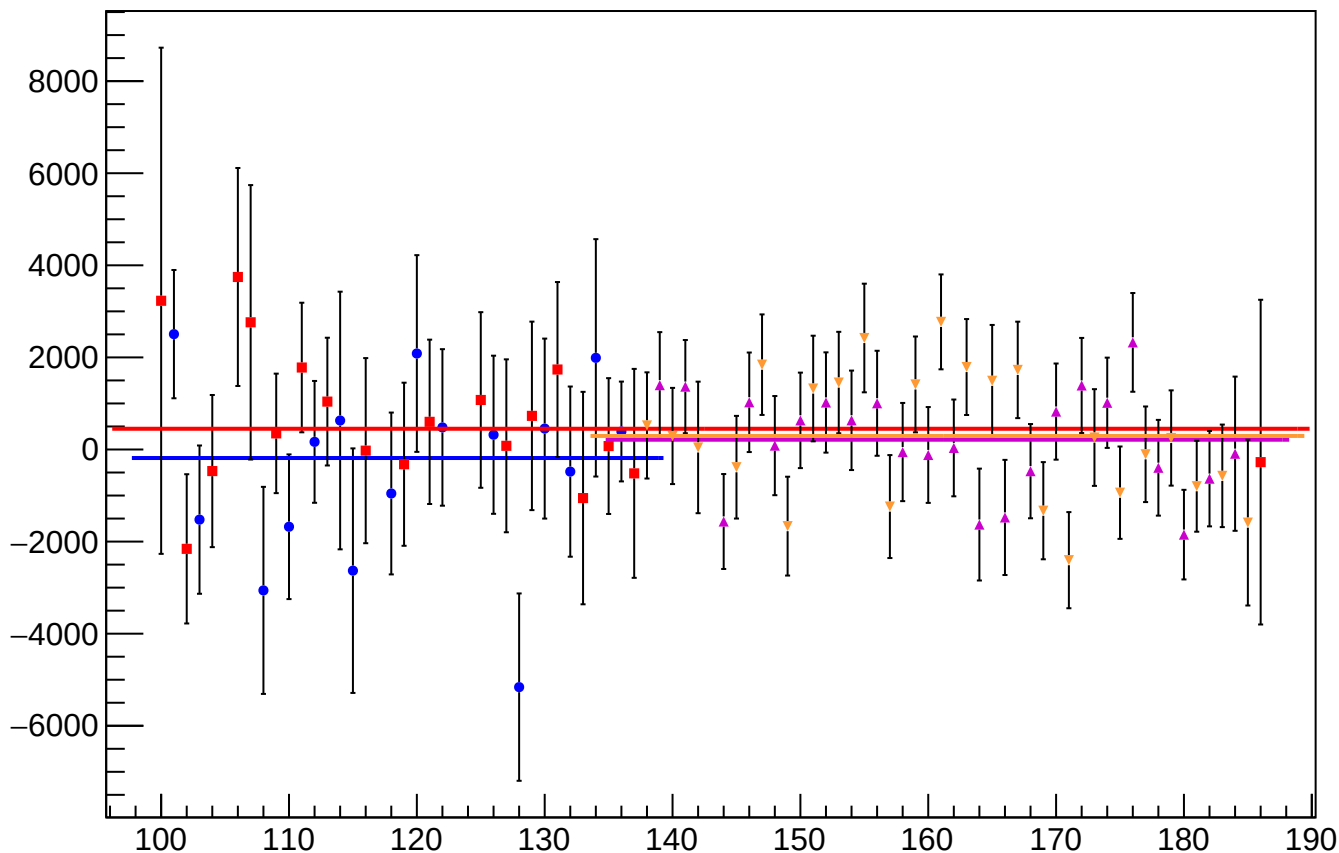
Left In: 1820.669+/-0.309 χ^2/NDF : 537910.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.496+/-0.219 χ^2/NDF : 1050551.0/47

- sign 1828.221+/-0.308 χ^2/NDF : 587463.7/23

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

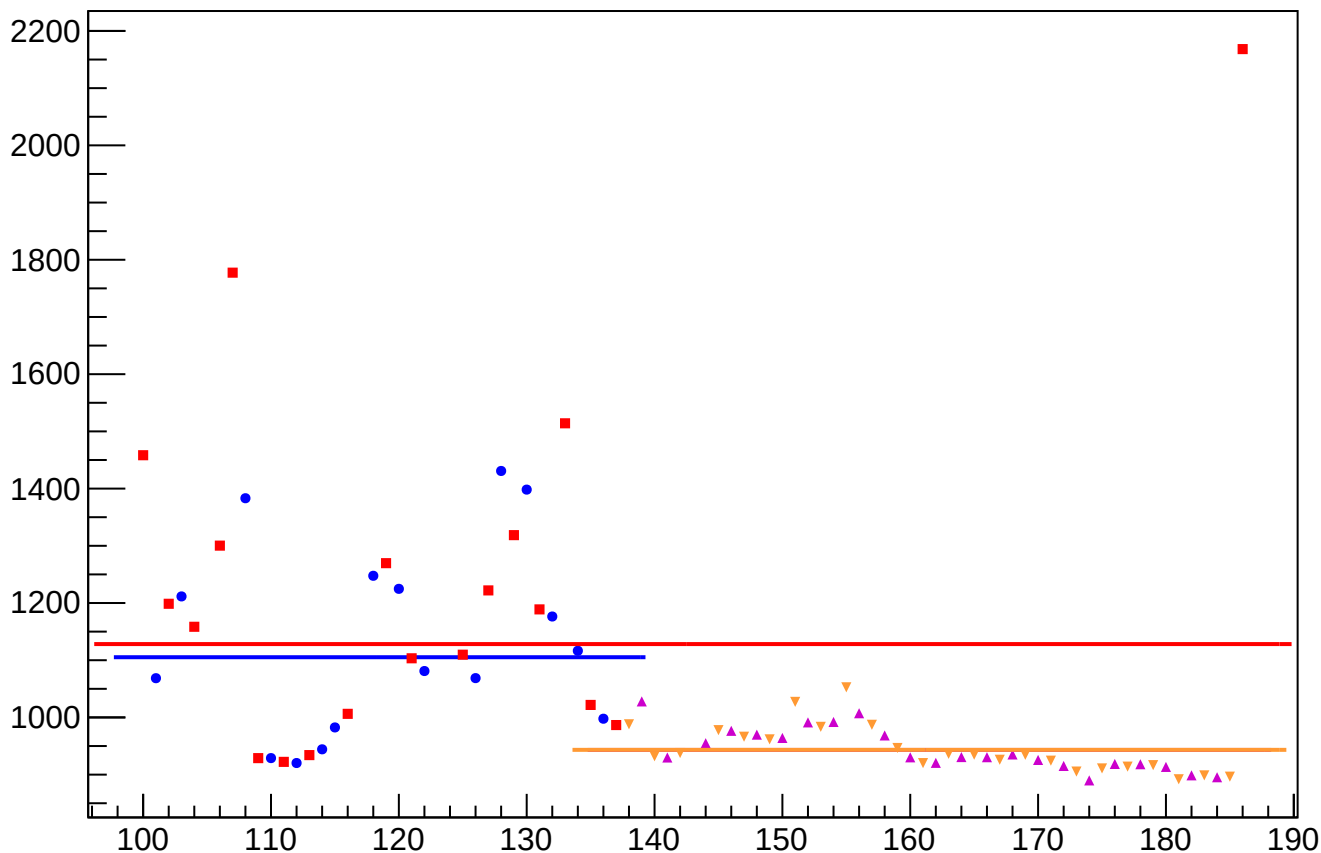
Left In: 212.080 ± 224.701 χ^2/NDF : 23.7/22

+ 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

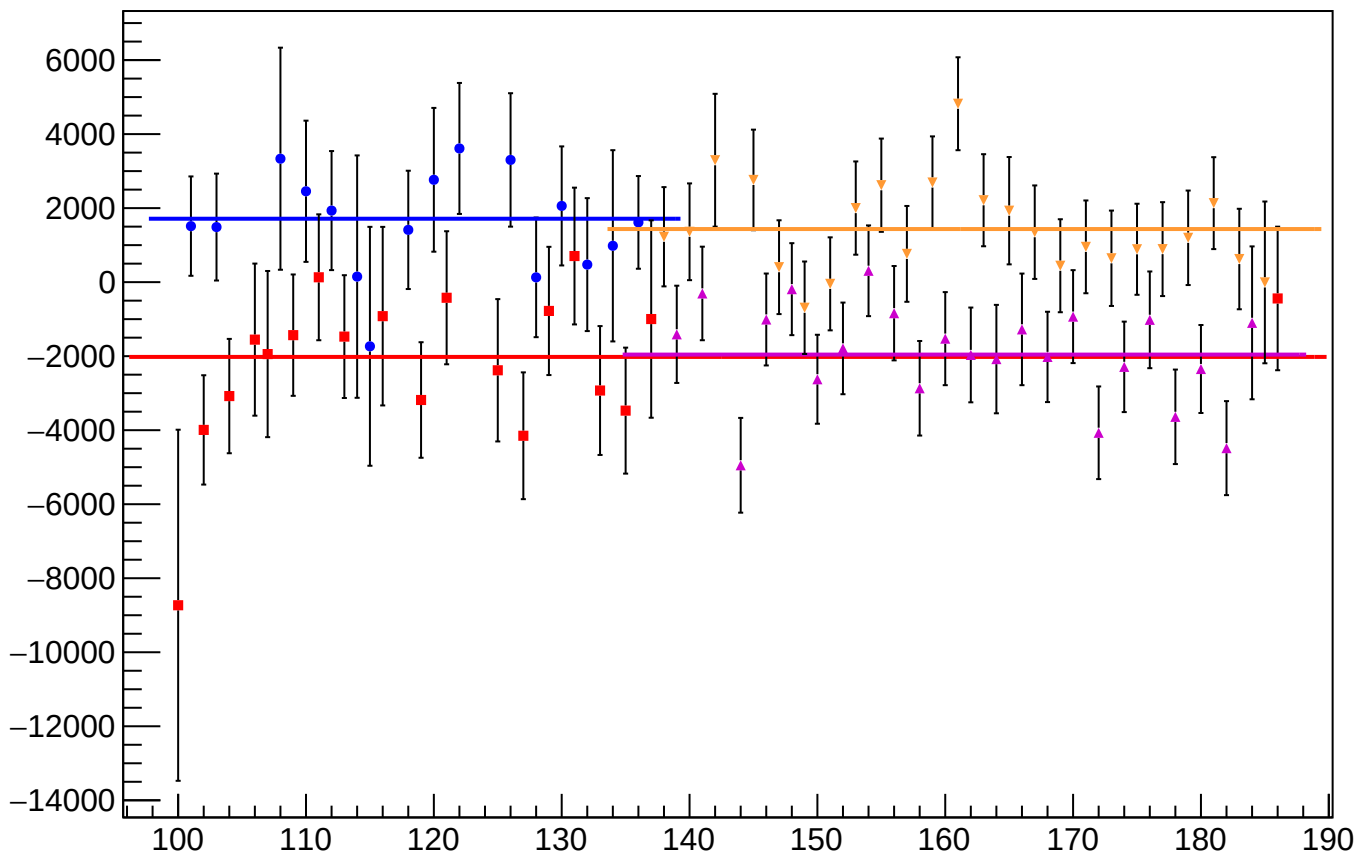
Left In: 943.137 $\pm$ 0.159 χ^2 /NDF: 49948.2/22

+ 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: 1713.558 ± 440.802 χ^2/NDF : 5.7/15

Left Out: 1434.882 ± 267.816 χ^2/NDF : 19.8/23

Right Out: -2020.285 ± 420.752 χ^2/NDF : 13.8/18

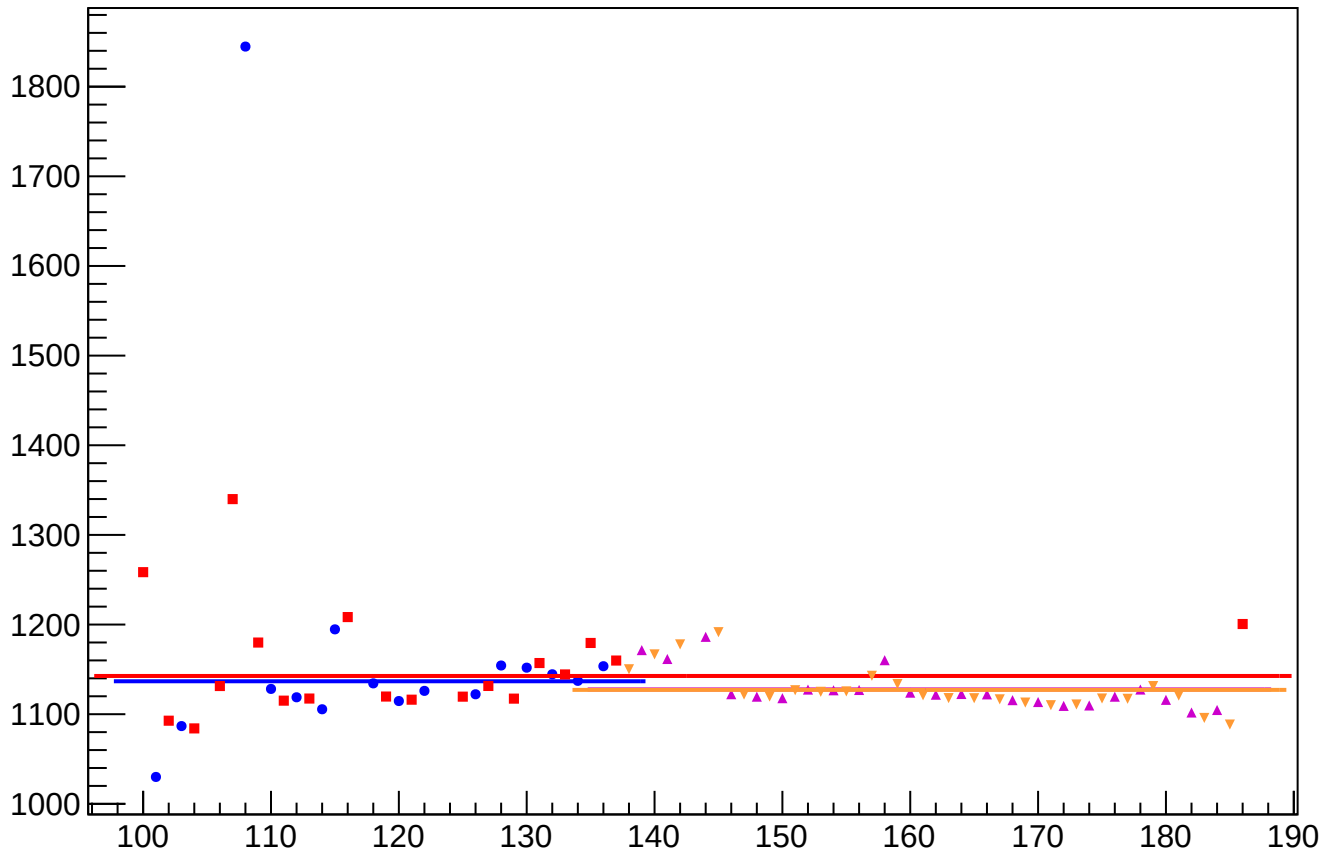
Left In: -1957.574 ± 268.487 χ^2/NDF : 25.4/22

+ sign 1510.016 ± 228.883 χ^2/NDF : 25.8/39

All: -252.379 ± 160.935 χ^2/NDF : 182.3/81

- sign -1975.720 ± 226.333 χ^2/NDF : 39.2/41

dit_asym_usl_rms vs Slug



Right In: 1136.737 $\pm$ 0.312 χ^2 /NDF: 128798.3/15

Left Out: 1127.125 $\pm$ 0.189 χ^2 /NDF: 12305.7/23

Right Out: 1142.652 $\pm$ 0.298 χ^2 /NDF: 29940.1/18

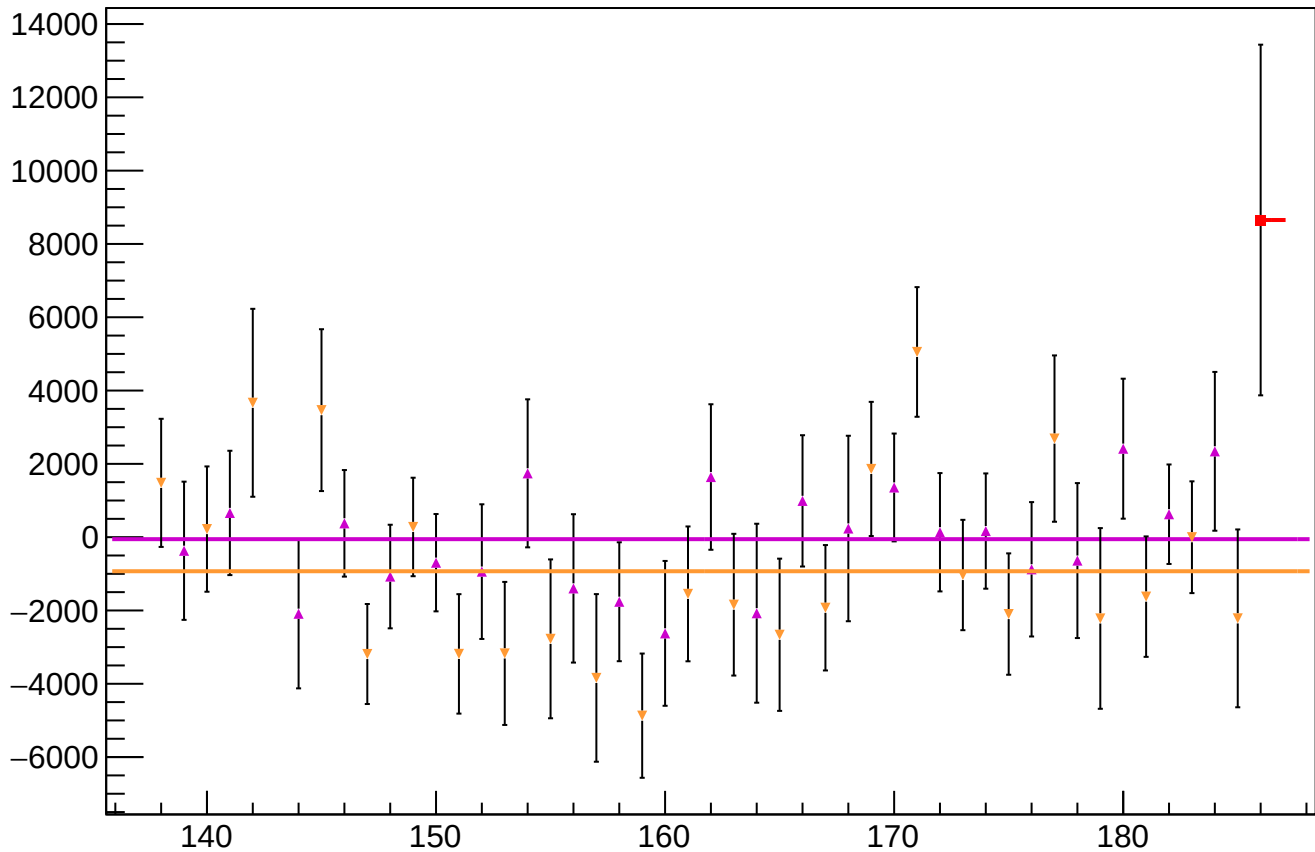
Left In: 1127.655 $\pm$ 0.190 χ^2 /NDF: 12177.6/22

+ sign 1129.717 $\pm$ 0.162 χ^2 /NDF: 141798.6/39

All: 1130.868 $\pm$ 0.114 χ^2 /NDF: 185822.1/81

- sign 1131.995 $\pm$ 0.160 χ^2 /NDF: 43923.3/41

asym_usl_correction_mean vs Slug



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

Left Out: -929.515+/-367.619 χ^2/NDF : 43.4/23

Right Out: 8653.106+/-4783.712 χ^2/NDF : 0.0/0

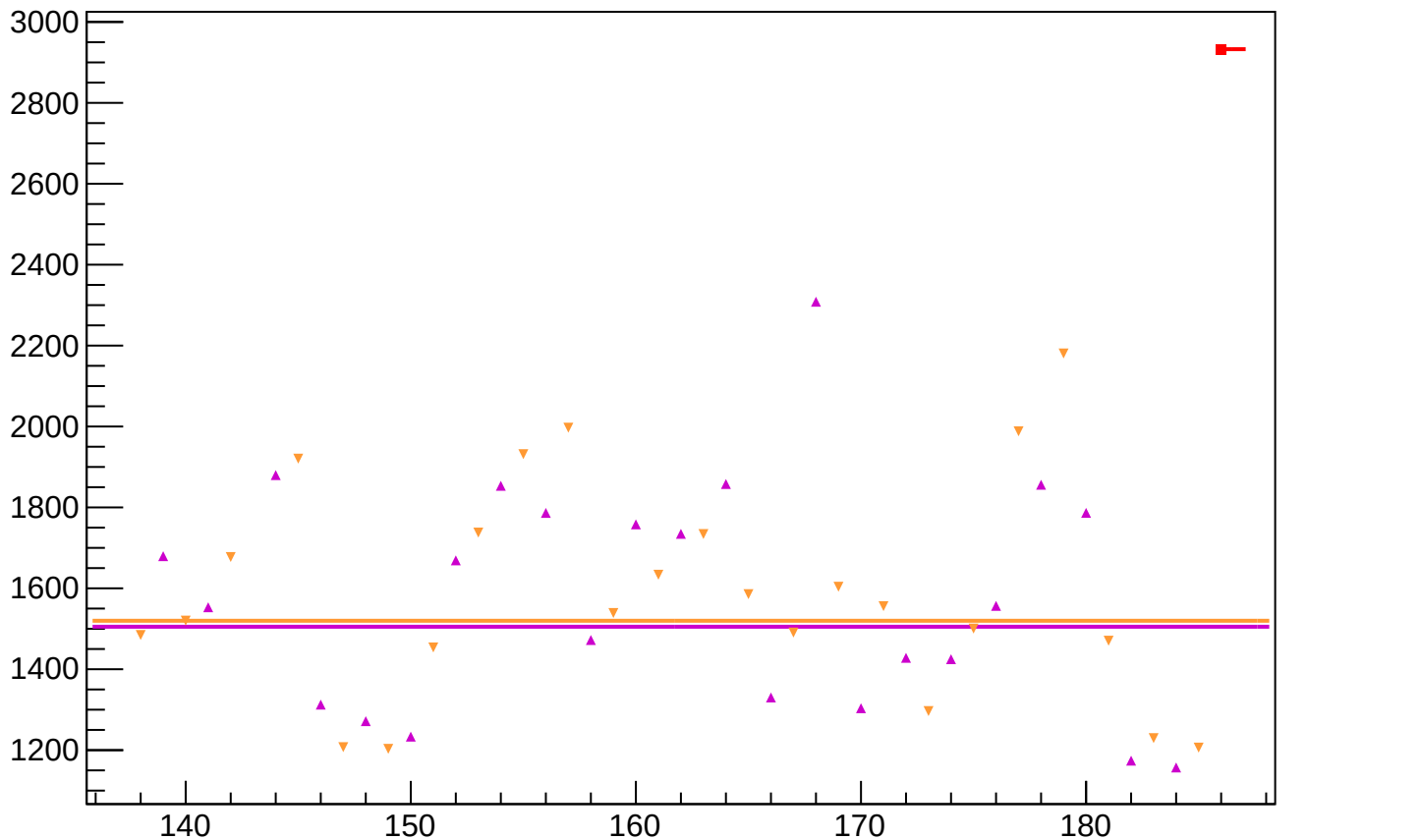
Left In: -54.483+/-364.557 χ^2/NDF : 12.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461.650+/-258.478 χ^2/NDF : 62.3/47

- sign -4.205+/-363.503 χ^2/NDF : 15.7/23

asym_usl_correction_rms vs Slug



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

Left Out: 1519.854+/-0.260 χ^2/NDF : 898683.7/23

Right Out: 2932.695+/-3.383 χ^2/NDF : 0.0/0

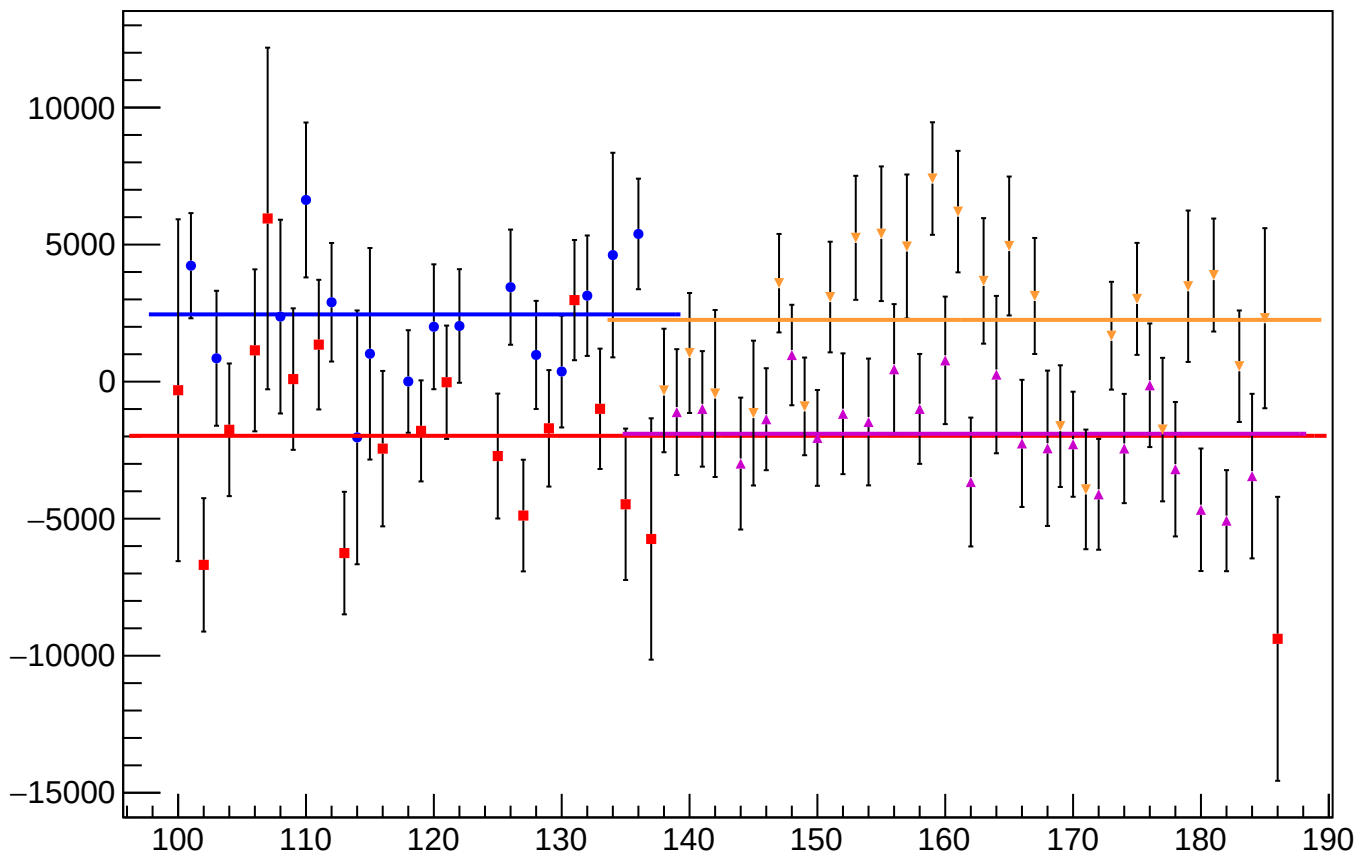
Left In: 1505.076+/-0.258 χ^2/NDF : 1014825.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.550+/-0.183 χ^2/NDF : 2090925.4/47

- sign 1513.319+/-0.257 χ^2/NDF : 1191922.2/23

asym_usl_mean vs Slug



Right In: 2453.670 ± 584.307 χ^2/NDF : 10.8/15

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

Right Out: -1976.637 ± 579.527 χ^2/NDF : 24.8/18

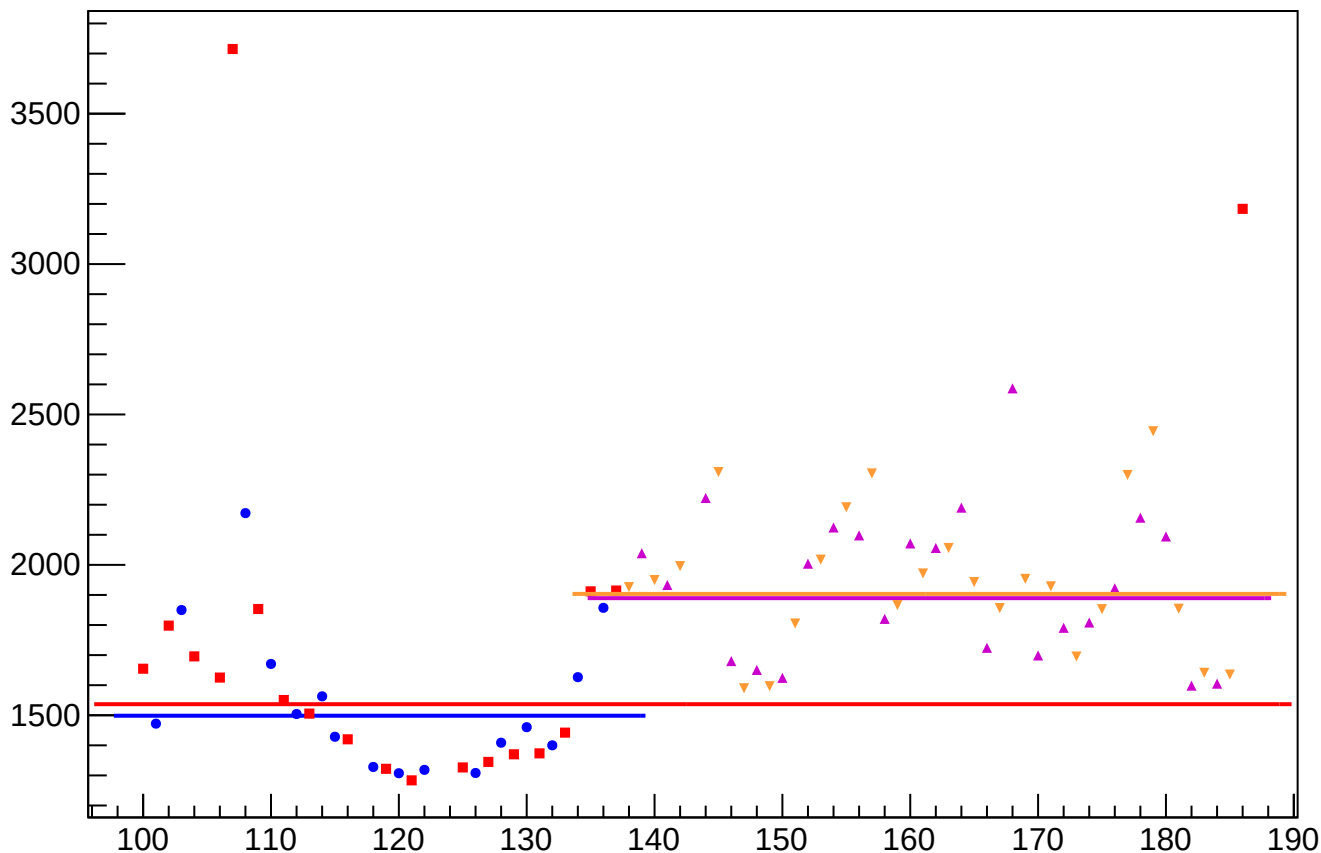
Left In: -1901.797 ± 453.879 χ^2/NDF : 13.9/22

+ sign 2329.645 ± 359.676 χ^2/NDF : 49.5/39

All: 185.767 ± 253.496 χ^2/NDF : 158.8/81

- sign -1930.250 ± 357.331 χ^2/NDF : 38.7/41

asym_usl_rms vs Slug



Right In: 1498.485 ± 0.413 $\chi^2/\text{NDF}: 258807.5/15$

Left Out: 1903.456 ± 0.323 $\chi^2/\text{NDF}: 461899.8/23$

Right Out: 1536.822 ± 0.410 $\chi^2/\text{NDF}: 685250.4/18$

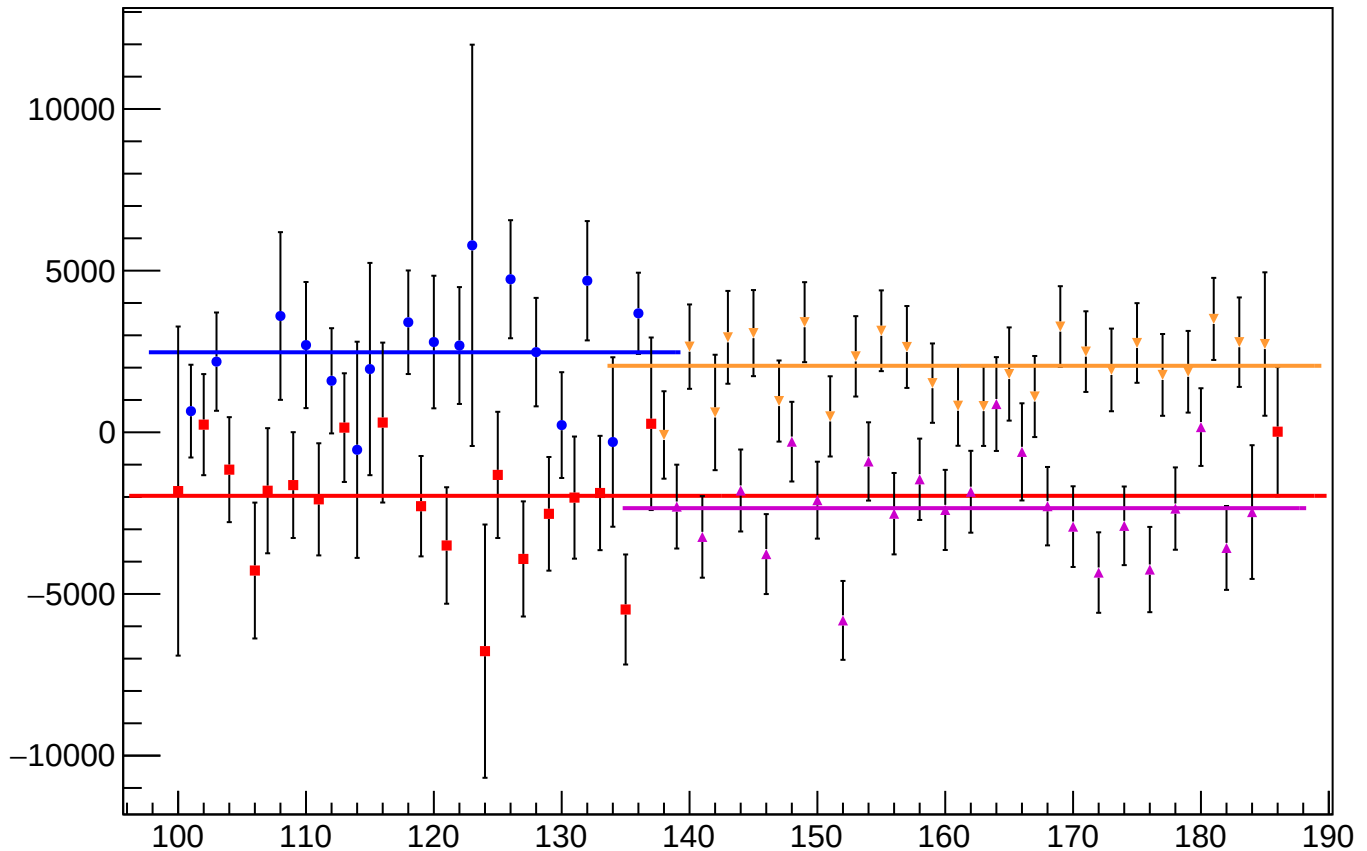
Left In: 1889.326 ± 0.321 $\chi^2/\text{NDF}: 508648.5/22$

+ sign 1750.007 ± 0.254 $\chi^2/\text{NDF}: 1317397.0/39$

All: 1752.676 ± 0.179 $\chi^2/\text{NDF}: 2970155.8/83$

- sign 1755.310 ± 0.253 $\chi^2/\text{NDF}: 1652540.0/41$

dit_asym_usr_mean vs Slug



Right In: 2475.300+/-449.379 χ^2/NDF : 10.5/16

Left Out: 2057.600+/-261.809 χ^2/NDF : 14.8/24

Right Out: -1964.477+/-423.722 χ^2/NDF : 15.5/19

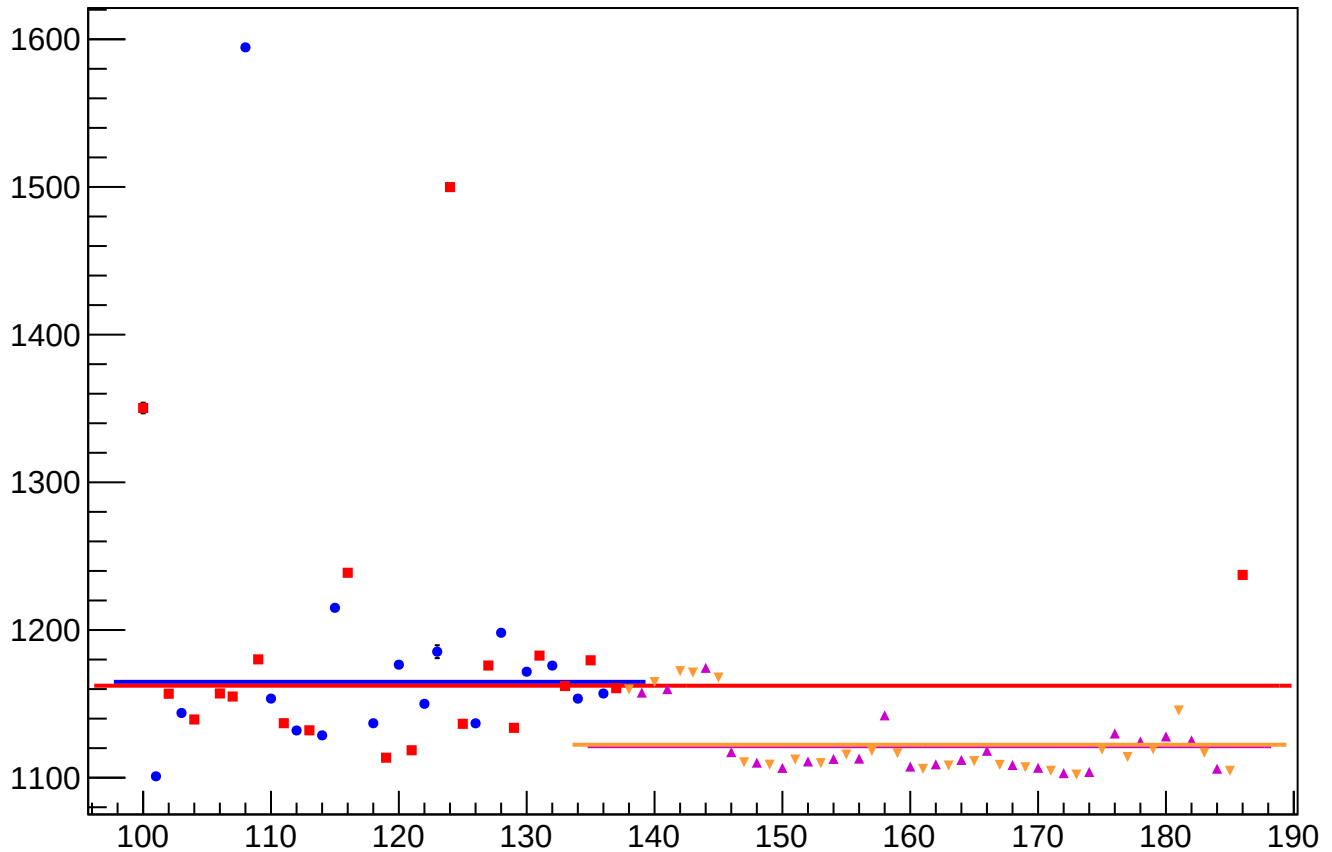
Left In: -2345.900+/-266.966 χ^2/NDF : 31.6/22

+ sign 2163.450+/-226.217 χ^2/NDF : 26.0/41

All: -40.384+/-159.838 χ^2/NDF : 263.3/84

- sign -2237.514+/-225.873 χ^2/NDF : 47.7/42

dit_asym_usr_rms vs Slug



Right In: 1164.904 $\pm$ 0.318 χ^2 /NDF: 63136.4/16

Left Out: 1122.318 $\pm$ 0.185 χ^2 /NDF:13825.0/24

Right Out: 1162.287 $\pm$ 0.300 χ^2 /NDF: 28672.9/19

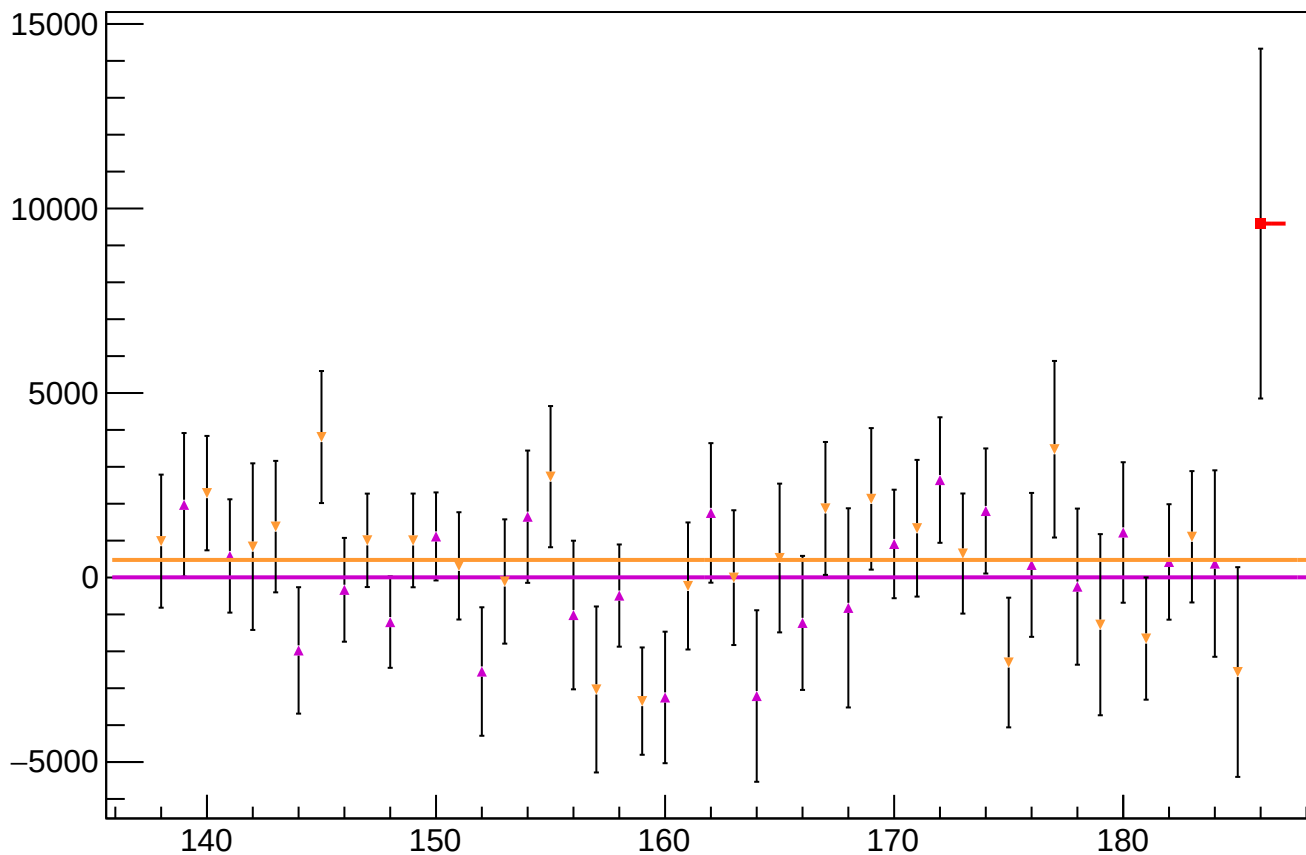
Left In: 1121.328 $\pm$ 0.189 χ^2 /NDF:10474.0/22

+ sign 1133.110 $\pm$ 0.160 χ^2 /NDF: 90371.5/41

All: 1133.038 $\pm$ 0.113 χ^2 /NDF: 142896.4/84

- sign 1132.967 $\pm$ 0.160 χ^2 /NDF: 52524.5/42

asym_usr_correction_mean vs Slug



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

Left Out: 476.919+/-349.994 χ^2/NDF : 25.7/24

Right Out: 9590.899+/-4740.008 χ^2/NDF : 0.0/0

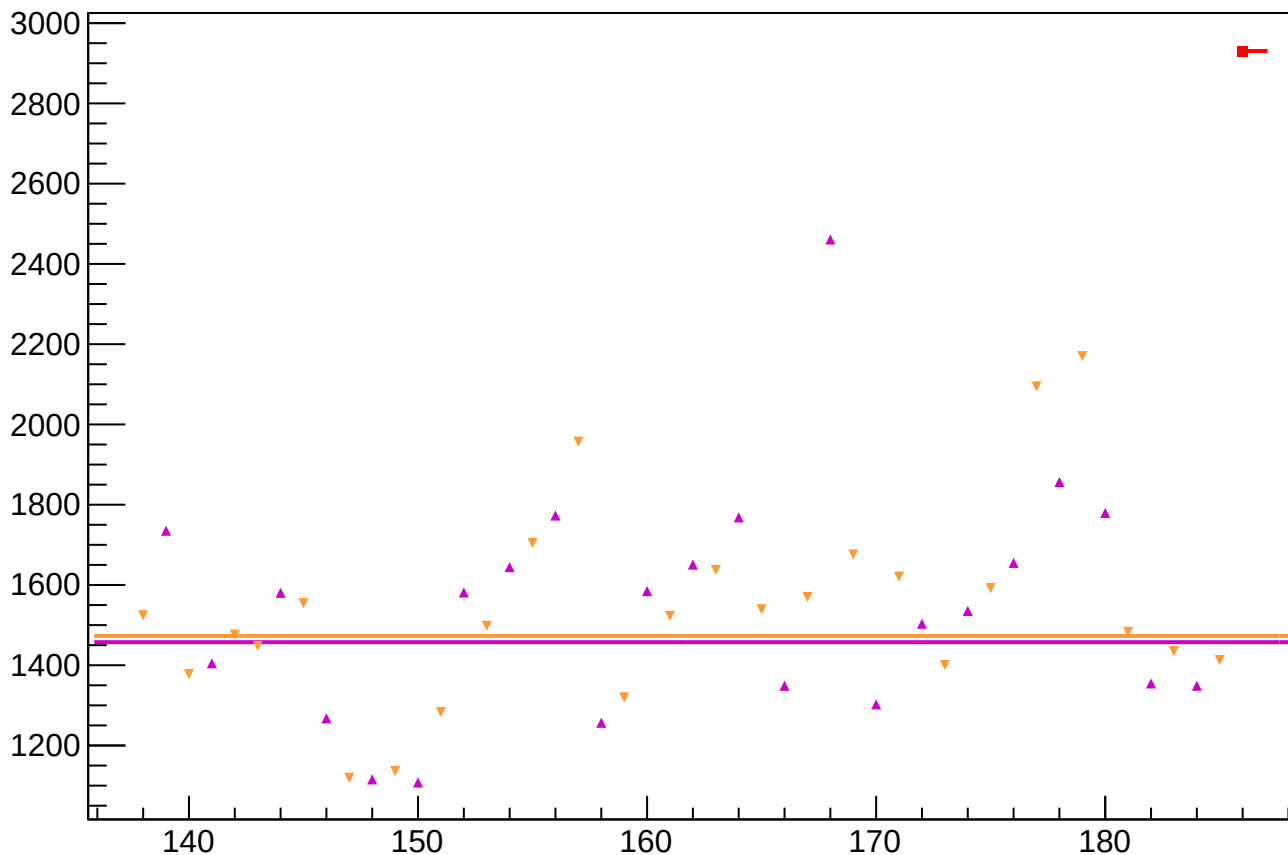
Left In: 5.369+/-353.503 χ^2/NDF : 18.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.161+/-248.373 χ^2/NDF : 49.4/48

- sign 58.389+/-352.524 χ^2/NDF : 22.9/23

asym_usr_correction_rms vs Slug



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

Left Out: 1473.076+/-0.247 χ^2/NDF :861593.4/24

Right Out: 2930.496+/-3.352 χ^2/NDF : 0.0/0

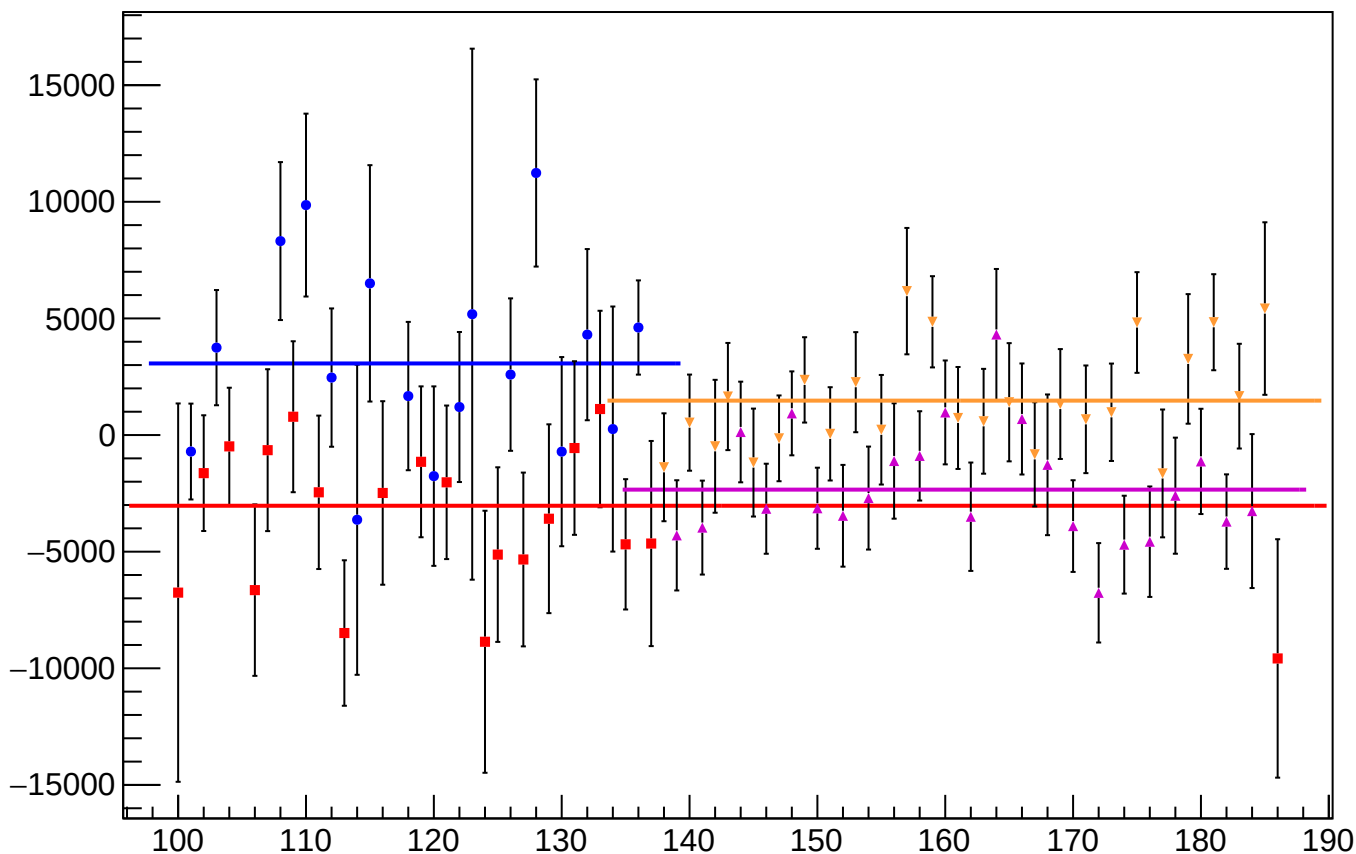
Left In: 1457.450+/-0.250 χ^2/NDF :1076563.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1469.364+/-0.176 χ^2/NDF : 2130695.9/48

- sign 1465.598+/-0.249 χ^2/NDF : 1268649.2/23

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

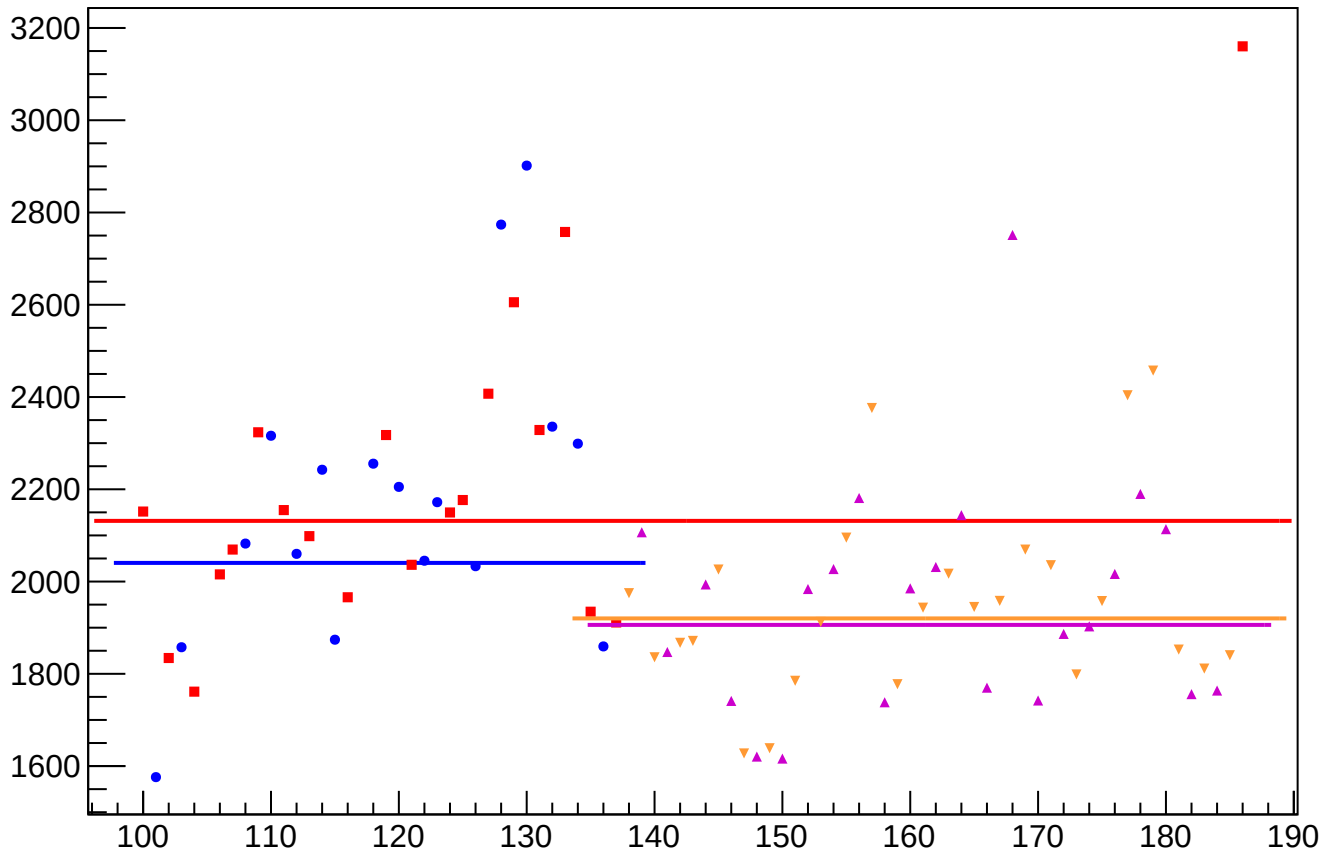
Left In: -2339.905 ± 457.448 χ^2/NDF : 25.2/22

+ 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+/-0.564 χ^2/NDF : 331339.9/16

Left Out: 1920.082+/-0.319 χ^2/NDF : 365919.7/24

Right Out: 2131.535+/-0.556 χ^2/NDF : 278395.5/19

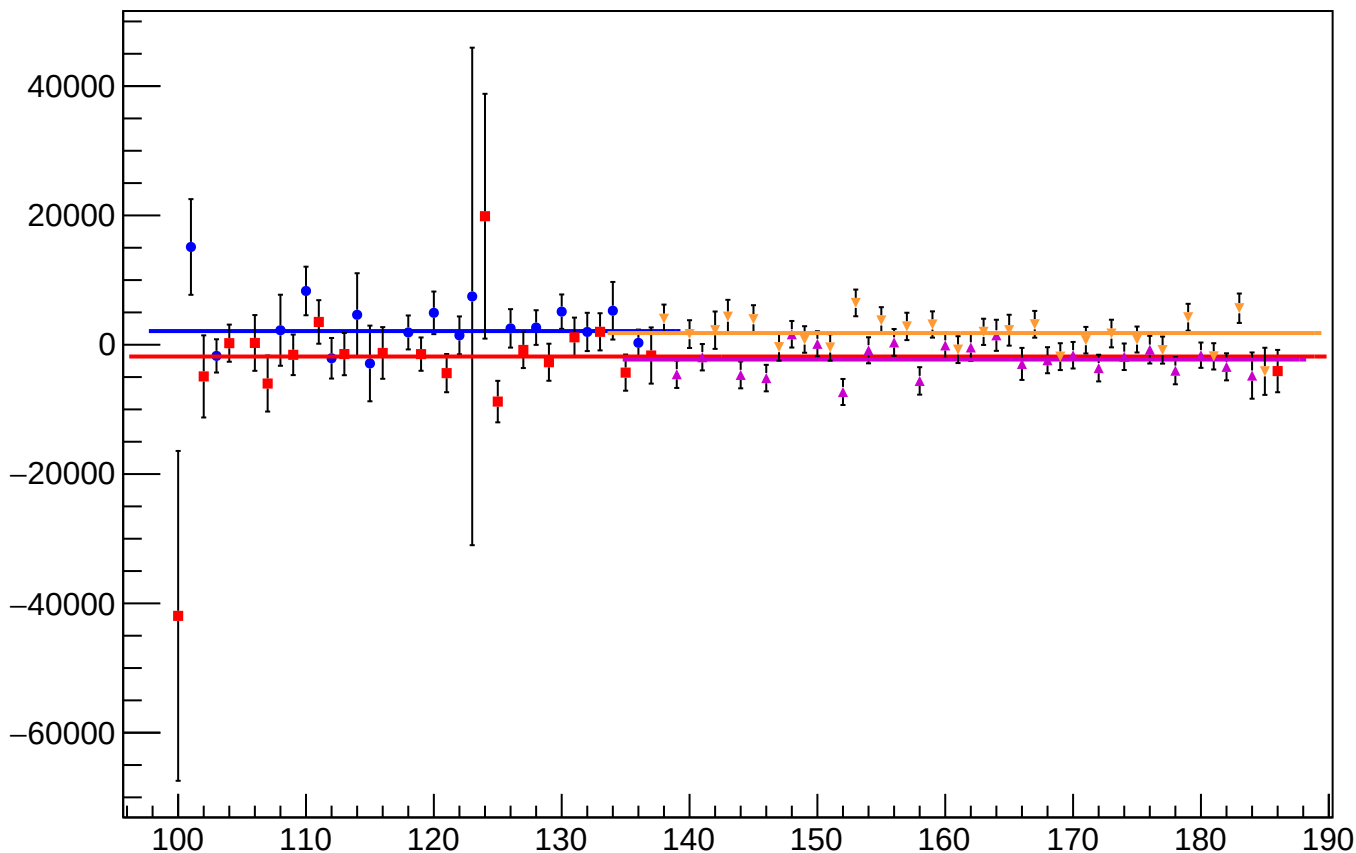
Left In: 1906.043+/-0.323 χ^2/NDF : 451054.7/22

+ sign 1949.266+/-0.278 χ^2/NDF : 731742.0/41

All: 1956.143+/-0.197 χ^2/NDF : 1585409.6/84

- sign 1963.108+/-0.280 χ^2/NDF : 852433.9/42

dit_asym_at1_avg_mean vs Slug



Right In: 2115.027 $\pm$ 795.794 χ^2 /NDF: 14.2/16

Left Out: 1809.174 $\pm$ 432.738 χ^2 /NDF: 29.4/24

Right Out: -1820.567 $\pm$ 763.064 χ^2 /NDF: 18.0/19

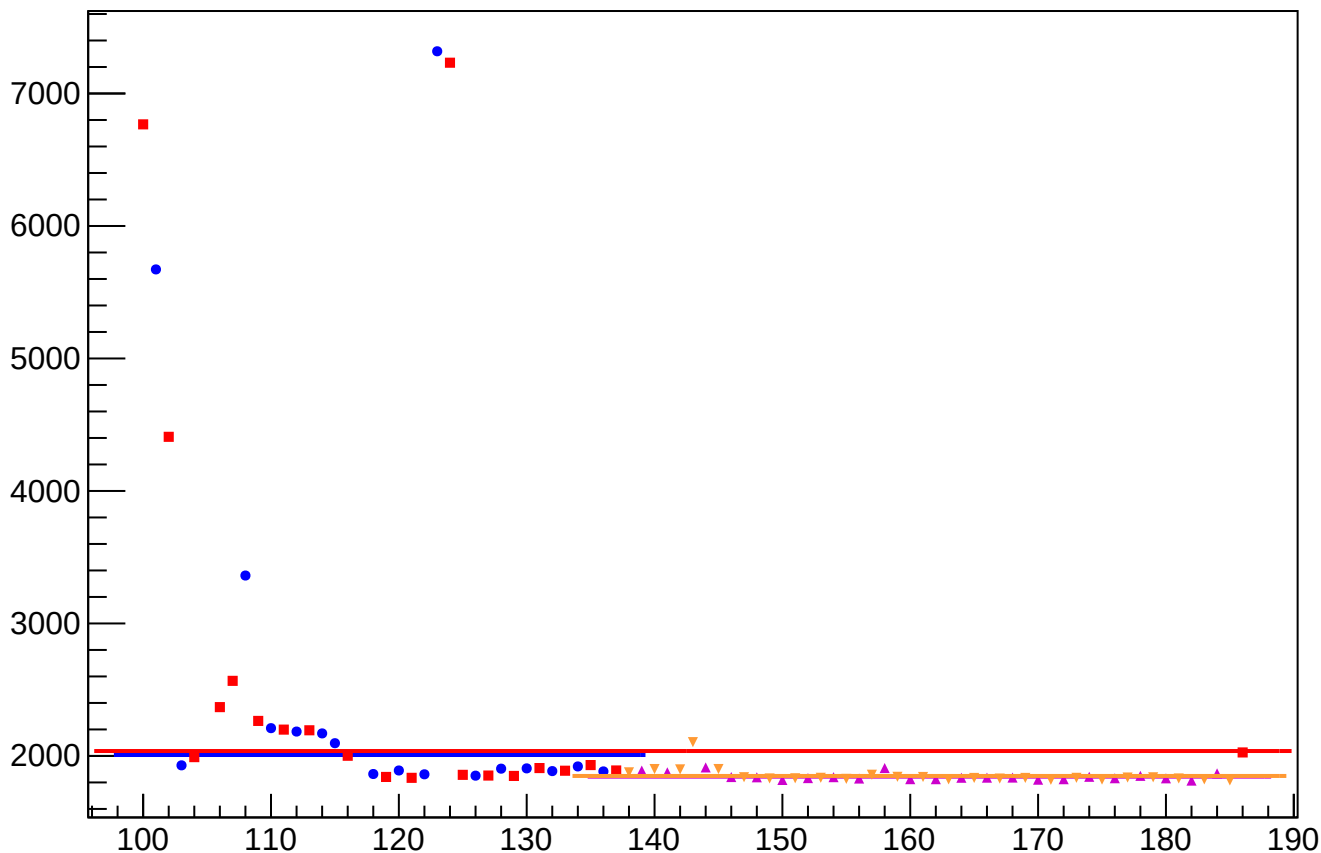
Left In: -2289.975 $\pm$ 440.620 χ^2 /NDF: 27.5/22

+ sign 1878.975 $\pm$ 380.166 χ^2 /NDF: 43.6/41

All: -139.320 $\pm$ 269.314 χ^2 /NDF: 145.9/84

- sign -2172.597 $\pm$ 381.574 χ^2 /NDF: 45.7/42

dit_asym_at1_avg_rms vs Slug



Right In: 2007.037 $\pm$ 0.563 χ^2 /NDF: 702361.7/16

Left Out: 1848.931 $\pm$ 0.306 χ^2 /NDF: 25543.1/24

Right Out: 2037.162 $\pm$ 0.540 χ^2 /NDF: 618989.4/19

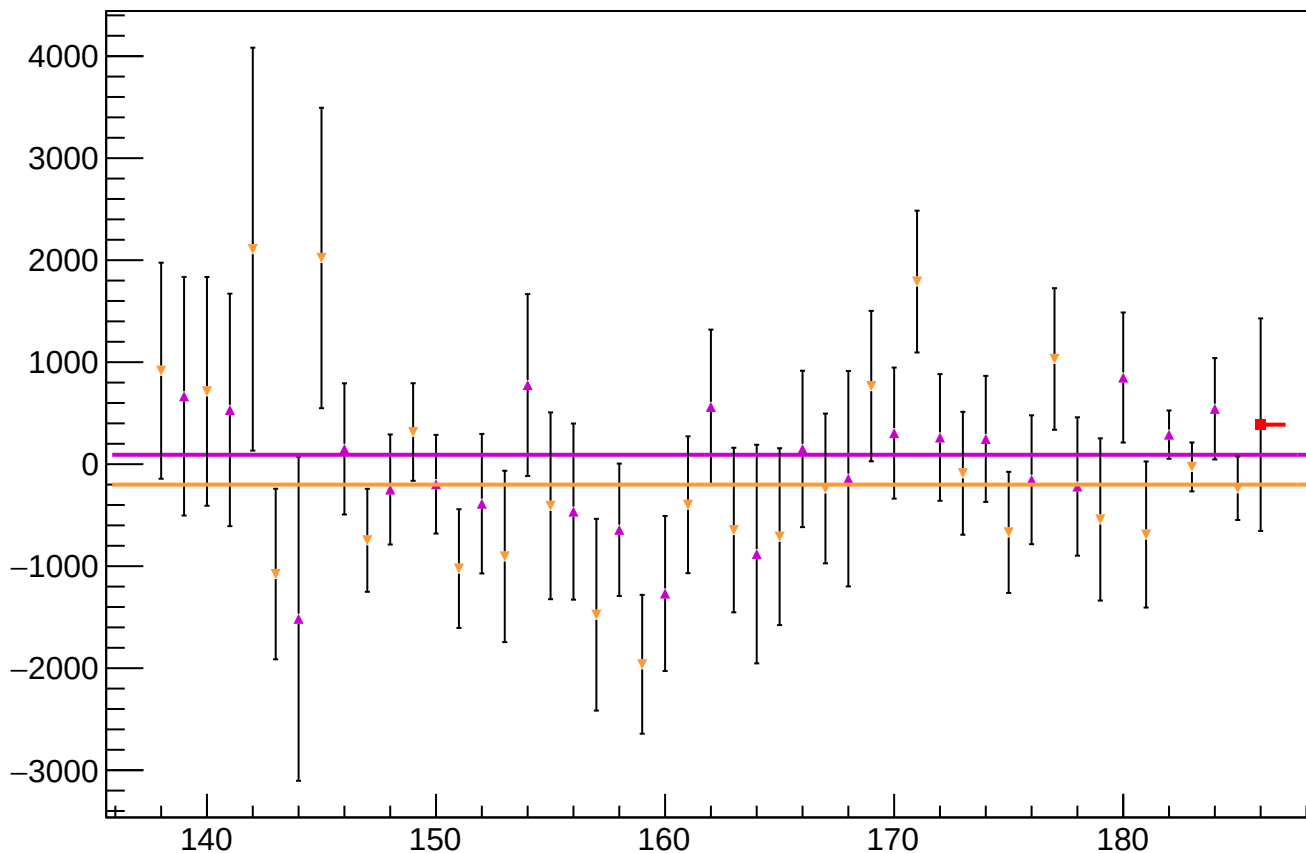
Left In: 1843.813 $\pm$ 0.312 χ^2 /NDF: 7555.7/22

+ sign 1885.013 $\pm$ 0.269 χ^2 /NDF: 788834.1/41

All: 1888.574 $\pm$ 0.190 χ^2 /NDF: 1512030.4/84

- sign 1892.161 $\pm$ 0.270 χ^2 /NDF: 722844.1/42

asym_at1_avg_correction_mean vs Slug



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

Left Out: -200.614+/-118.900 χ^2/NDF : 35.8/24

Right Out: 387.478+/-1041.853 χ^2/NDF : 0.0/0

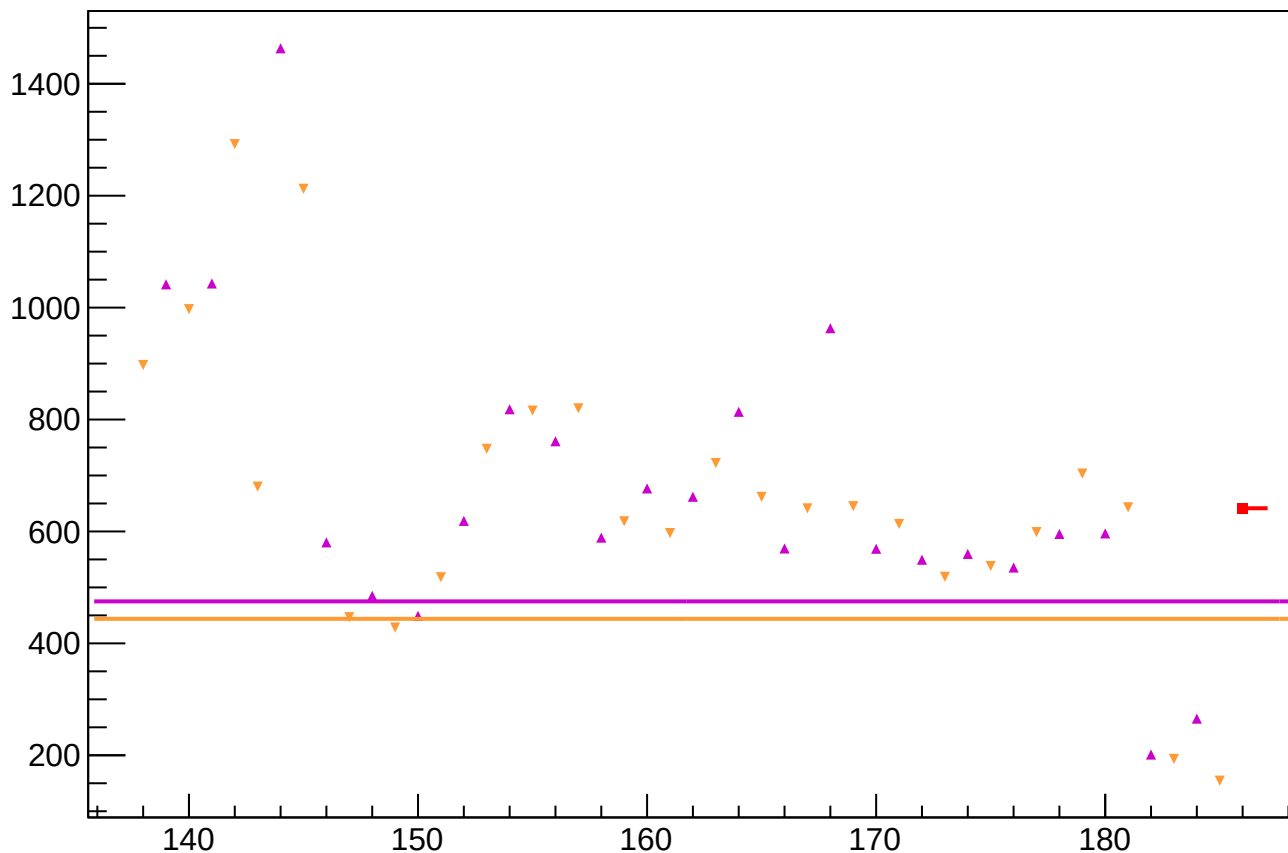
Left In: 92.163+/-126.200 χ^2/NDF : 13.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.852+/-86.244 χ^2/NDF : 51.8/48

- sign 96.433+/-125.284 χ^2/NDF : 13.0/23

asym_at1_avg_correction_rms vs Slug



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

Left Out: 443.830+/-0.084 χ^2/NDF : 8341702.1/24

Right Out: 641.440+/-0.737 χ^2/NDF : 0.0/0

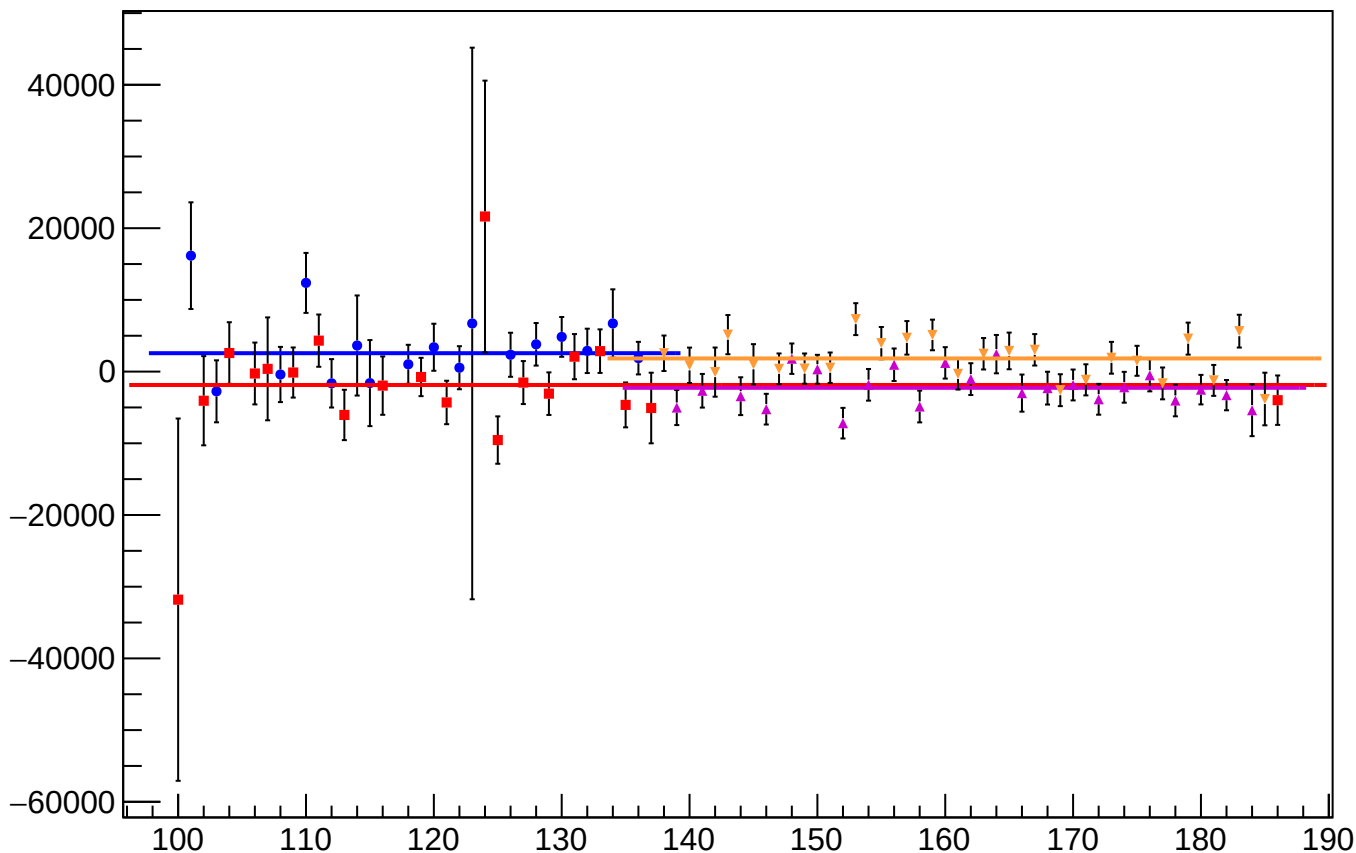
Left In: 475.007+/-0.089 χ^2/NDF : 6686201.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.744+/-0.061 χ^2/NDF : 15153816.9/48

- sign 477.414+/-0.089 χ^2/NDF : 6736501.8/23

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

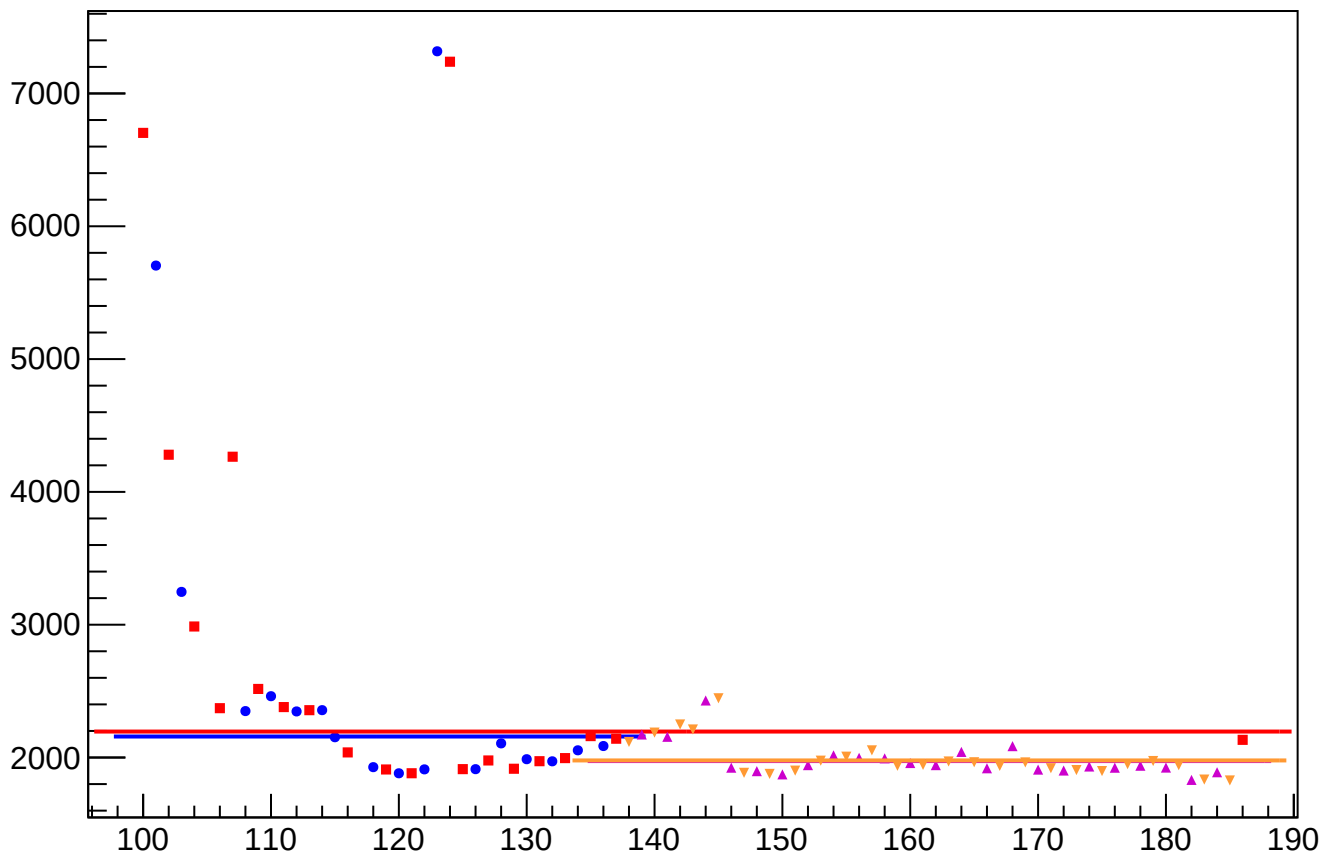
Left In: -2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

+ 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

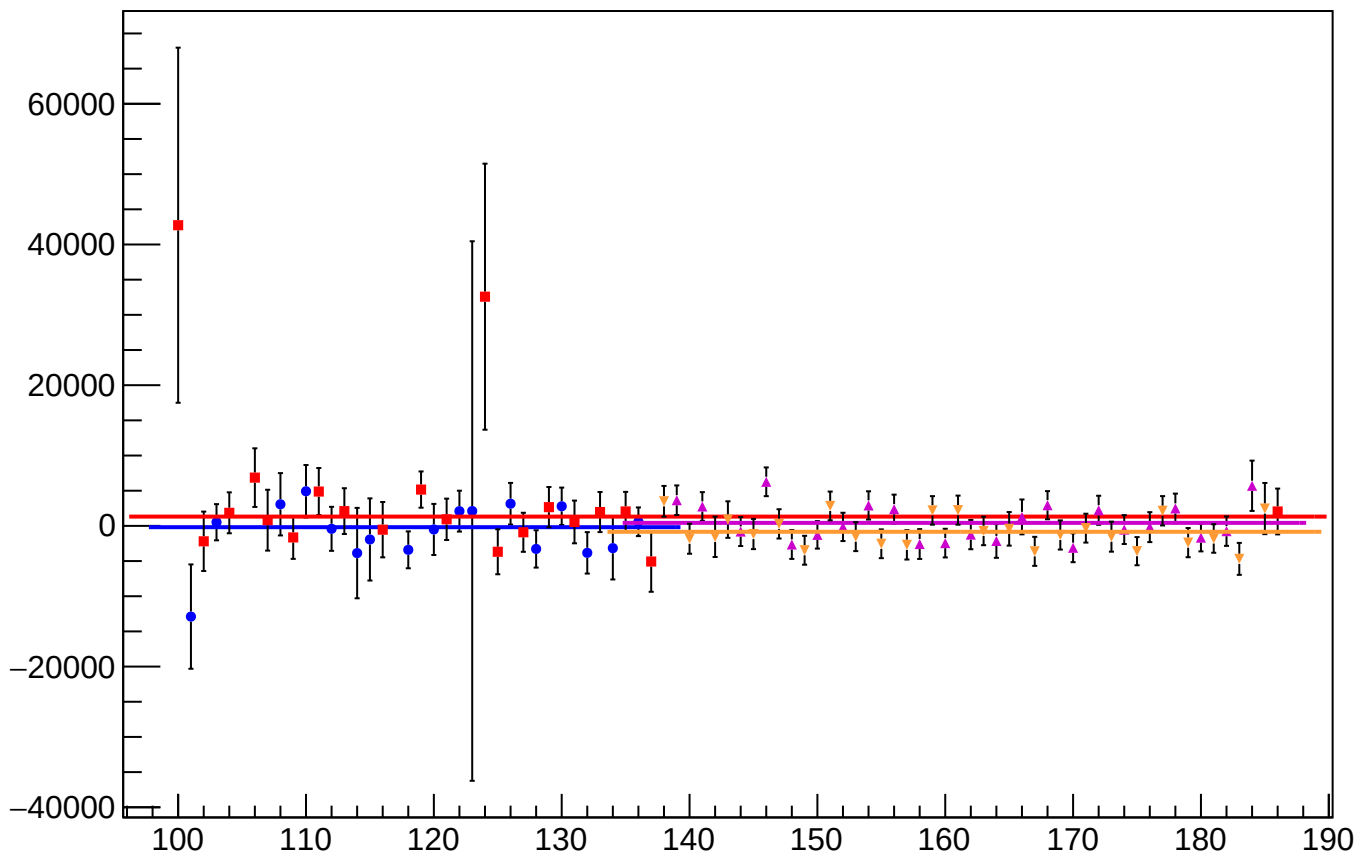
Left In: 1973.216 $\pm$ 0.334 χ^2 /NDF:120479.3/22

+ 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: -184.386 ± 792.384 χ^2/NDF : 14.0/16

Left Out: -838.942 ± 431.425 χ^2/NDF : 26.4/24

Right Out: 1318.876 ± 751.522 χ^2/NDF : 18.3/19

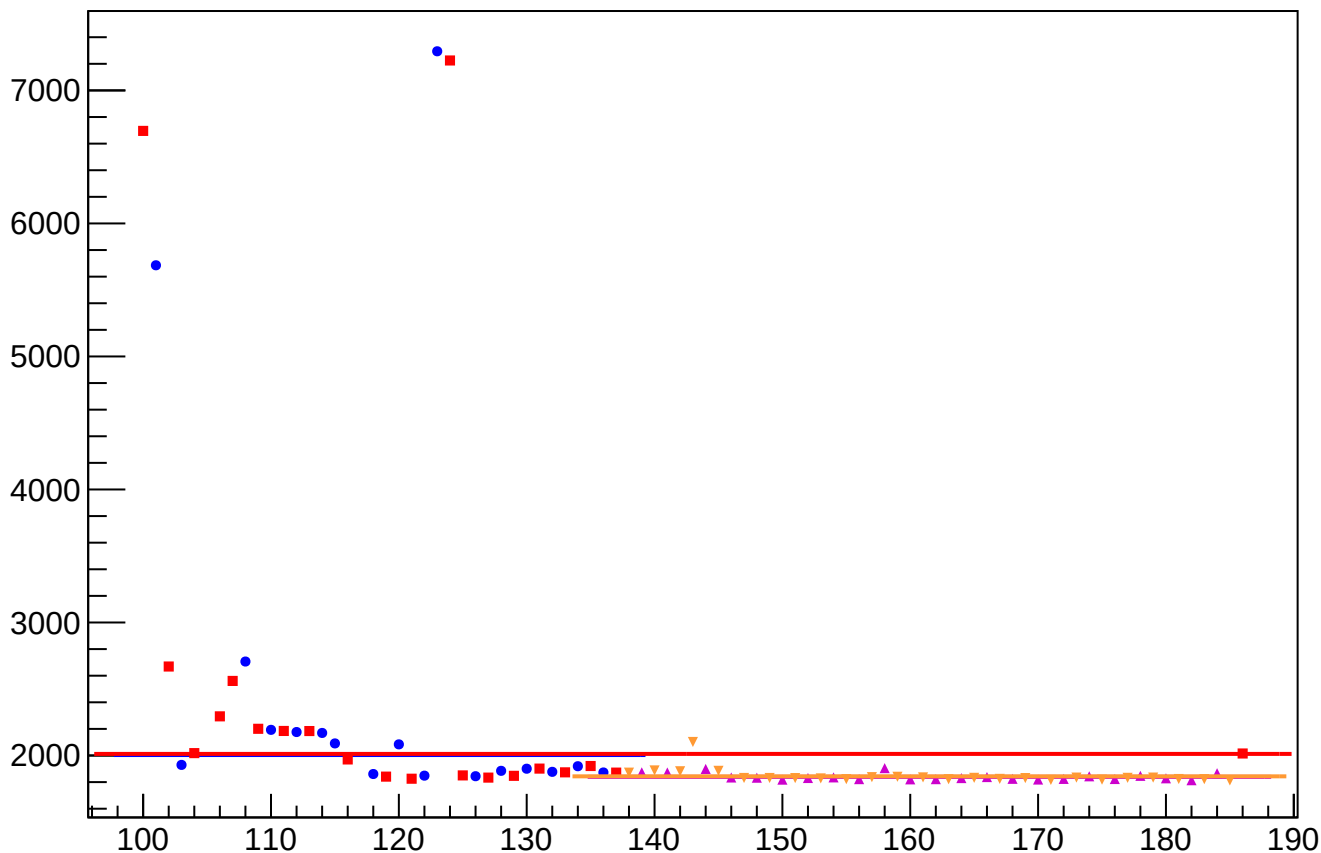
Left In: 428.835 ± 439.548 χ^2/NDF : 33.8/22

+ sign -689.273 ± 378.903 χ^2/NDF : 40.9/41

All: -17.699 ± 268.107 χ^2/NDF : 100.3/84

- sign 655.696 ± 379.417 χ^2/NDF : 53.1/42

dit_asym_at1_dd_rms vs Slug



Right In: 2003.545 $\pm$ 0.560 χ^2 /NDF: 634133.6/16

Left Out: 1843.383 $\pm$ 0.305 χ^2 /NDF: 24499.6/24

Right Out: 2011.977 $\pm$ 0.531 χ^2 /NDF: 377956.9/19

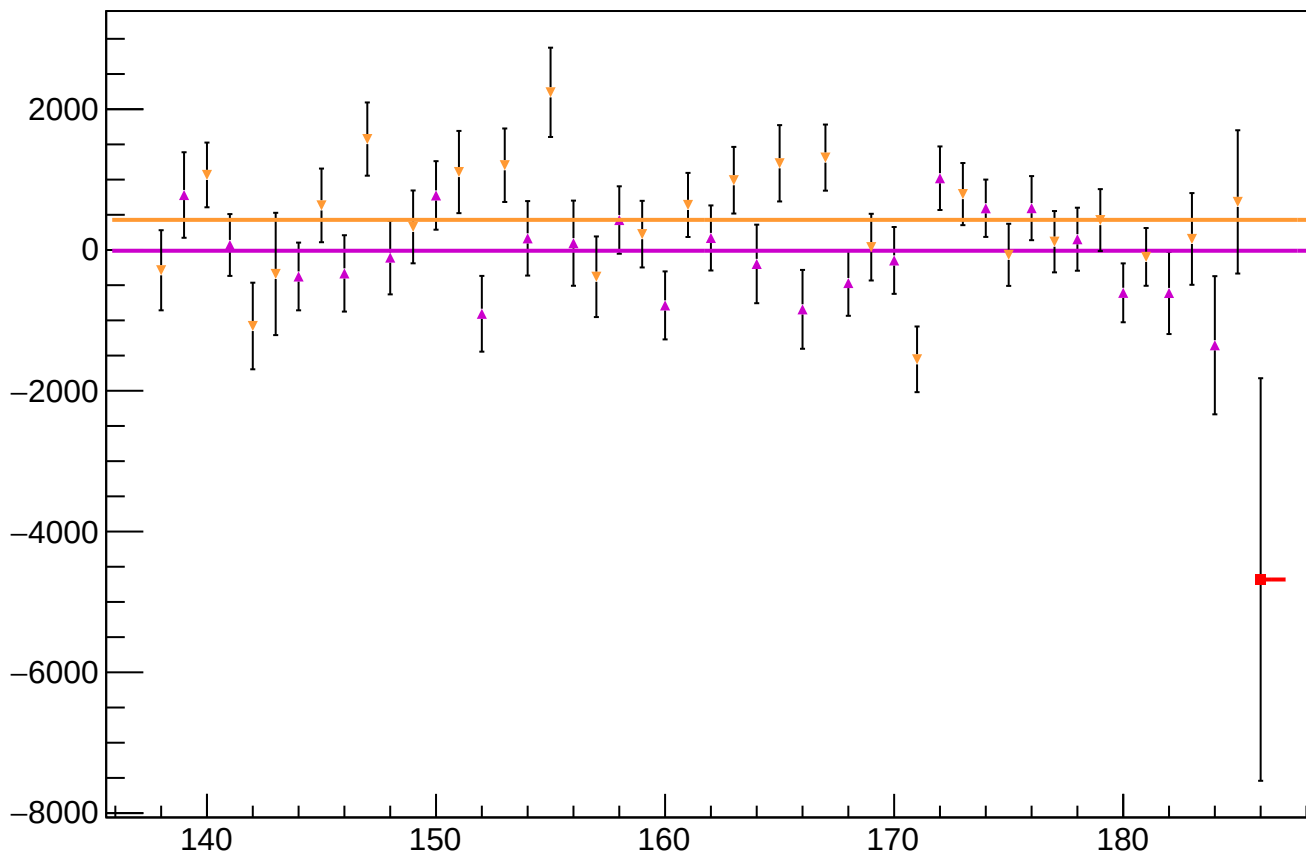
Left In: 1839.374 $\pm$ 0.311 χ^2 /NDF: 6441.8/22

+ sign 1880.005 $\pm$ 0.268 χ^2 /NDF: 721659.5/41

All: 1881.684 $\pm$ 0.190 χ^2 /NDF: 1184744.4/84

- sign 1883.368 $\pm$ 0.268 χ^2 /NDF: 463006.2/42

asym_at1_dd_correction_mean vs Slug



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

Left Out: 428.039 ± 102.219 χ^2/NDF : 59.7/24

Right Out: -4681.303 ± 2859.696 χ^2/NDF : 0.0/0

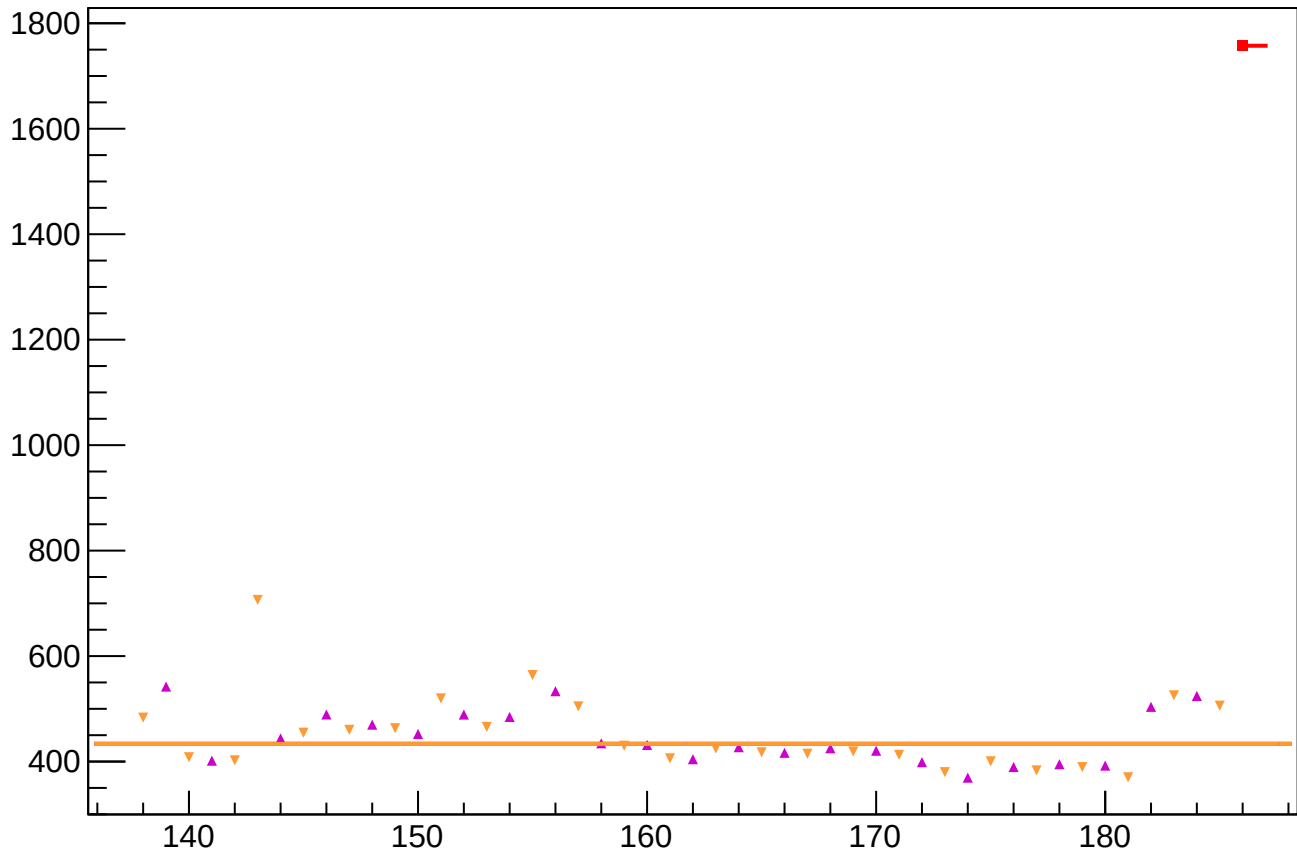
Left In: -10.733 ± 104.001 χ^2/NDF : 29.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 209.266 ± 72.878 χ^2/NDF : 101.1/48

- sign -16.903 ± 103.933 χ^2/NDF : 32.1/23

asym_at1_dd_correction_rms vs Slug



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

Left Out: 433.495+/-0.072 χ^2/NDF : 609803.4/24

Right Out: 1757.391+/-2.022 χ^2/NDF : 0.0/0

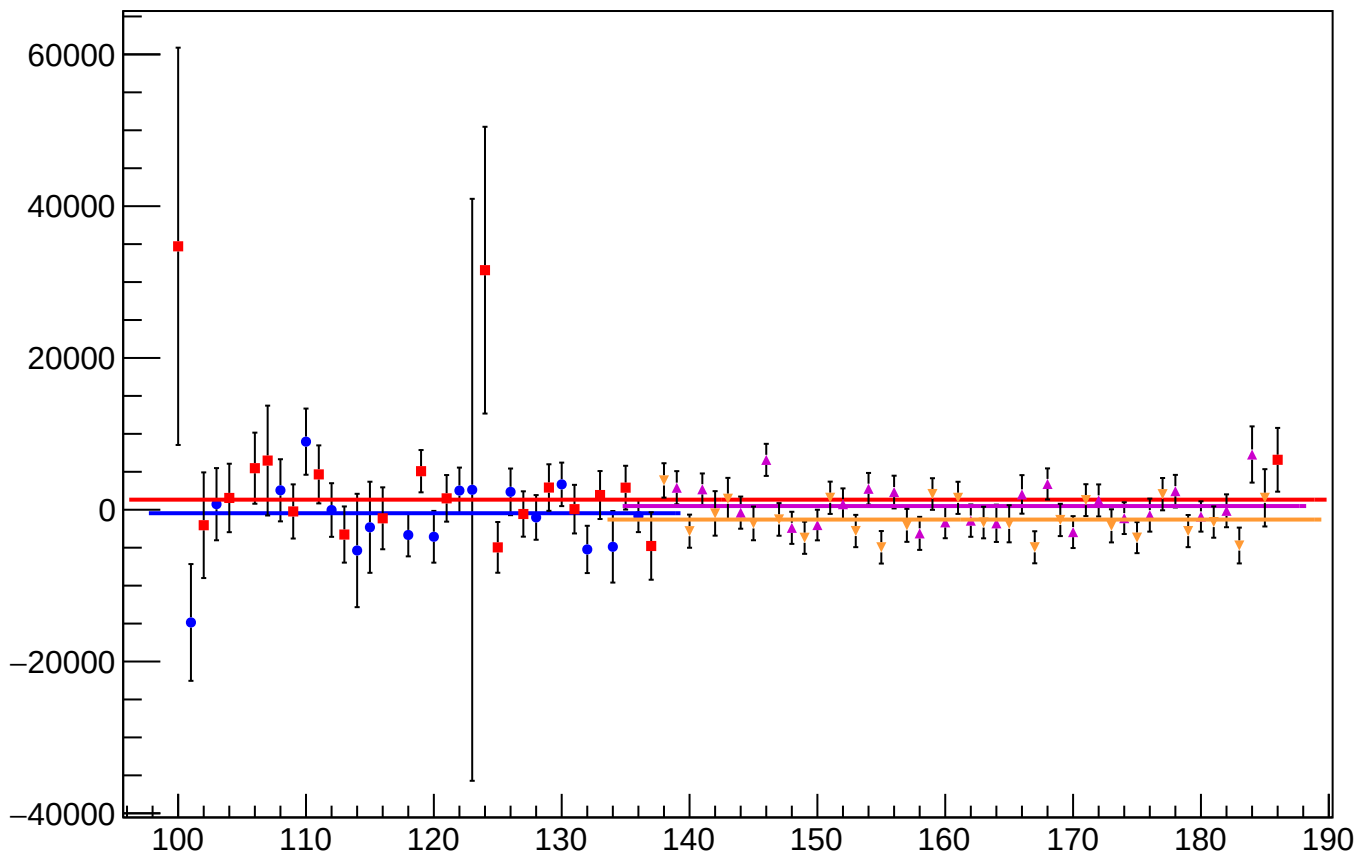
Left In: 433.740+/-0.074 χ^2/NDF : 376130.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.475+/-0.052 χ^2/NDF : 1414228.7/48

- sign 435.489+/-0.073 χ^2/NDF : 804051.0/23

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

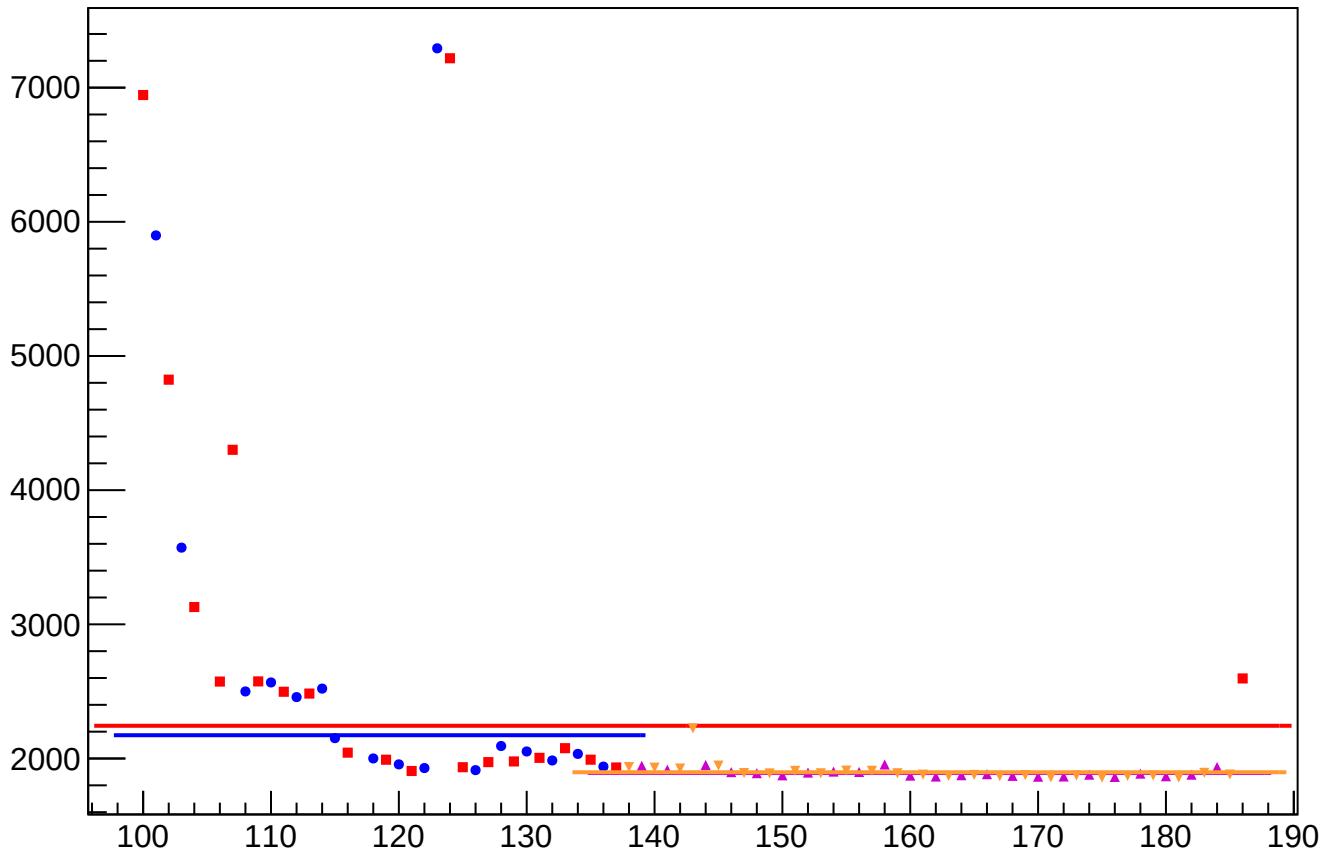
Left In: 485.827+/-452.020 χ^2/NDF : 32.4/22

+ 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

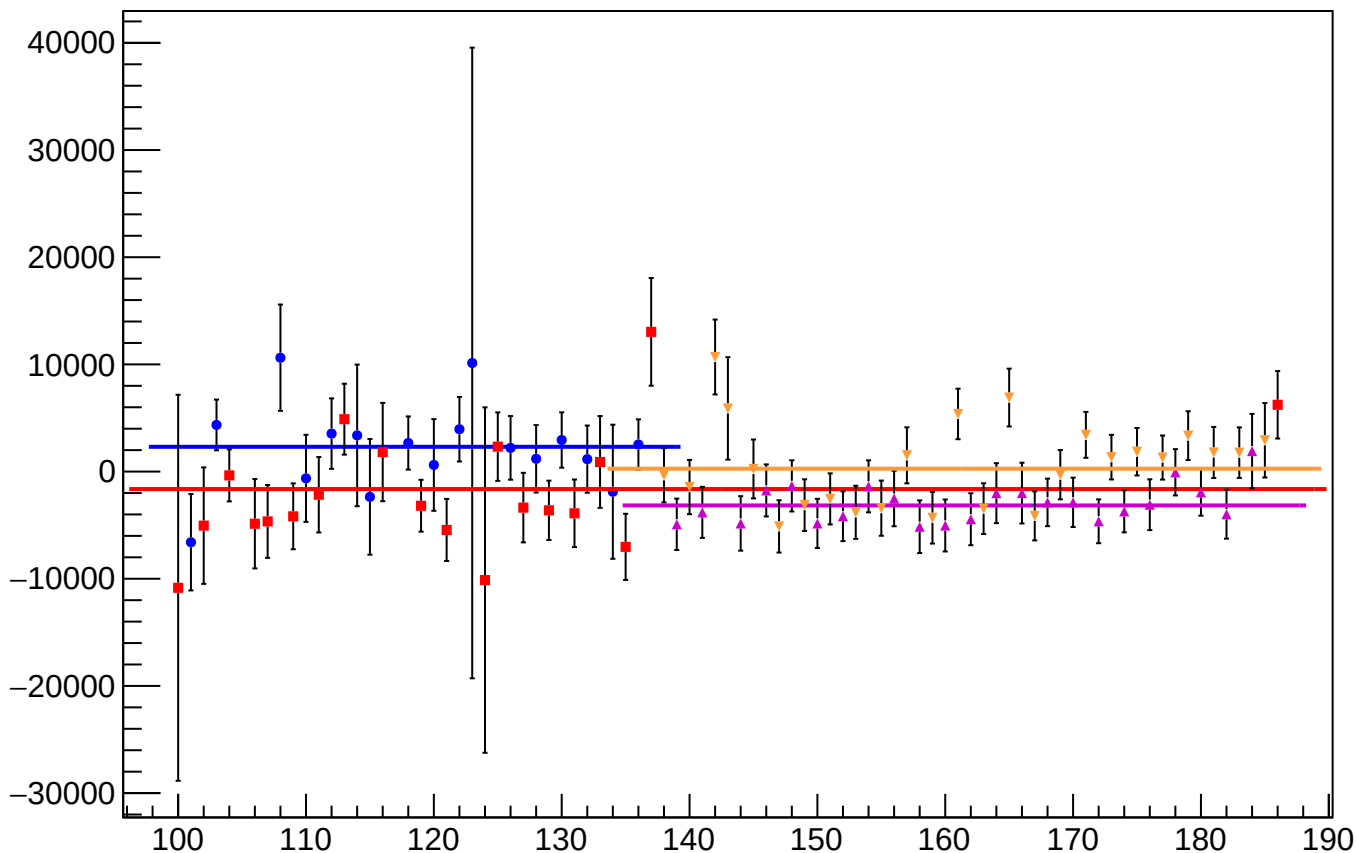
Left In: 1891.722+/-0.320 χ^2/NDF : 7584.2/22

+ 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: 2311.075 $\pm$ 821.924 χ^2 /NDF: 10.2/16

Left Out: 268.346 $\pm$ 492.855 χ^2 /NDF: 51.0/24

Right Out: -1630.293 $\pm$ 768.002 χ^2 /NDF: 30.9/19

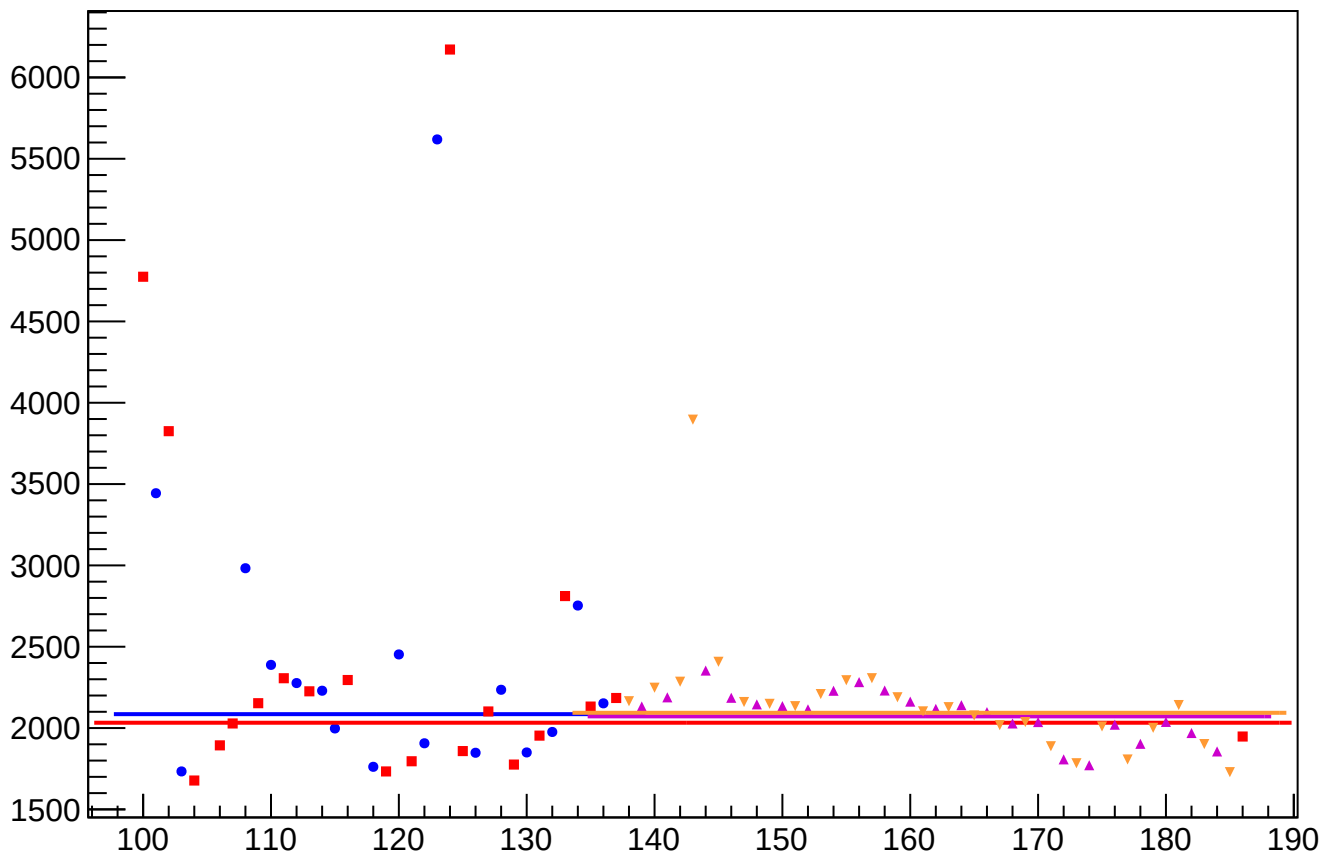
Left In: -3158.539 $\pm$ 495.573 χ^2 /NDF: 10.4/22

+ sign 808.585 $\pm$ 422.687 χ^2 /NDF: 65.8/41

All: -976.675 $\pm$ 296.640 χ^2 /NDF: 145.1/84

- sign -2709.273 $\pm$ 416.406 χ^2 /NDF: 44.2/42

dit_asym_at2_avg_rms vs Slug



Right In: 2085.469 ± 0.581 $\chi^2/\text{NDF}: 457066.0/16$

Left Out: 2093.807 ± 0.349 $\chi^2/\text{NDF}: 509405.6/24$

Right Out: 2032.692 ± 0.543 $\chi^2/\text{NDF}: 610753.1/19$

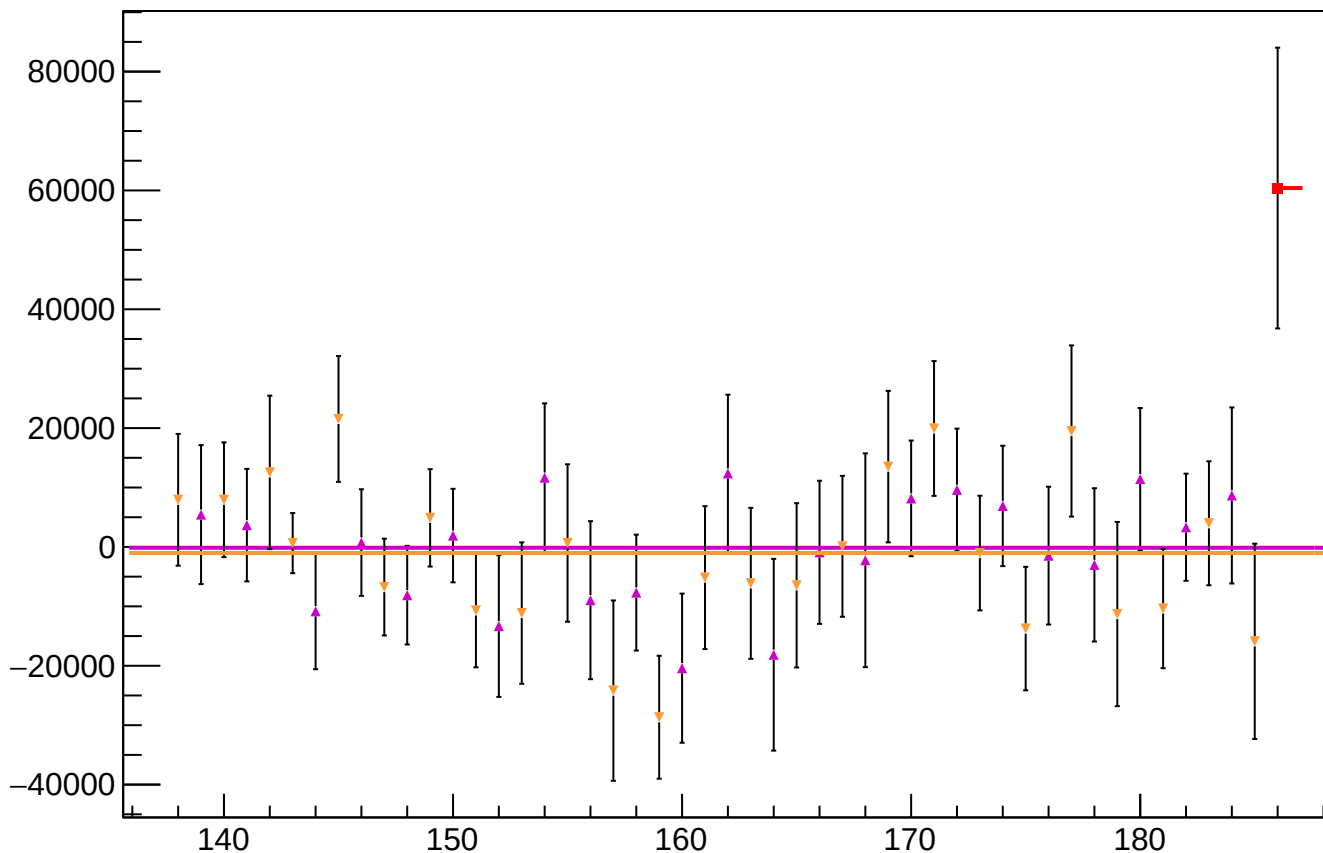
Left In: 2071.878 ± 0.350 $\chi^2/\text{NDF}: 181281.6/22$

+ sign 2091.602 ± 0.299 $\chi^2/\text{NDF}: 966623.0/41$

All: 2075.744 ± 0.210 $\chi^2/\text{NDF}: 1767881.7/84$

- sign 2060.355 ± 0.294 $\chi^2/\text{NDF}: 795712.0/42$

asym_at2_avg_correction_mean vs Slug



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

Left Out: -1020.828+/-2079.143 χ^2/NDF : 30.5/24

Right Out: 60400.401+/-23627.039 χ^2/NDF : 0.0/0

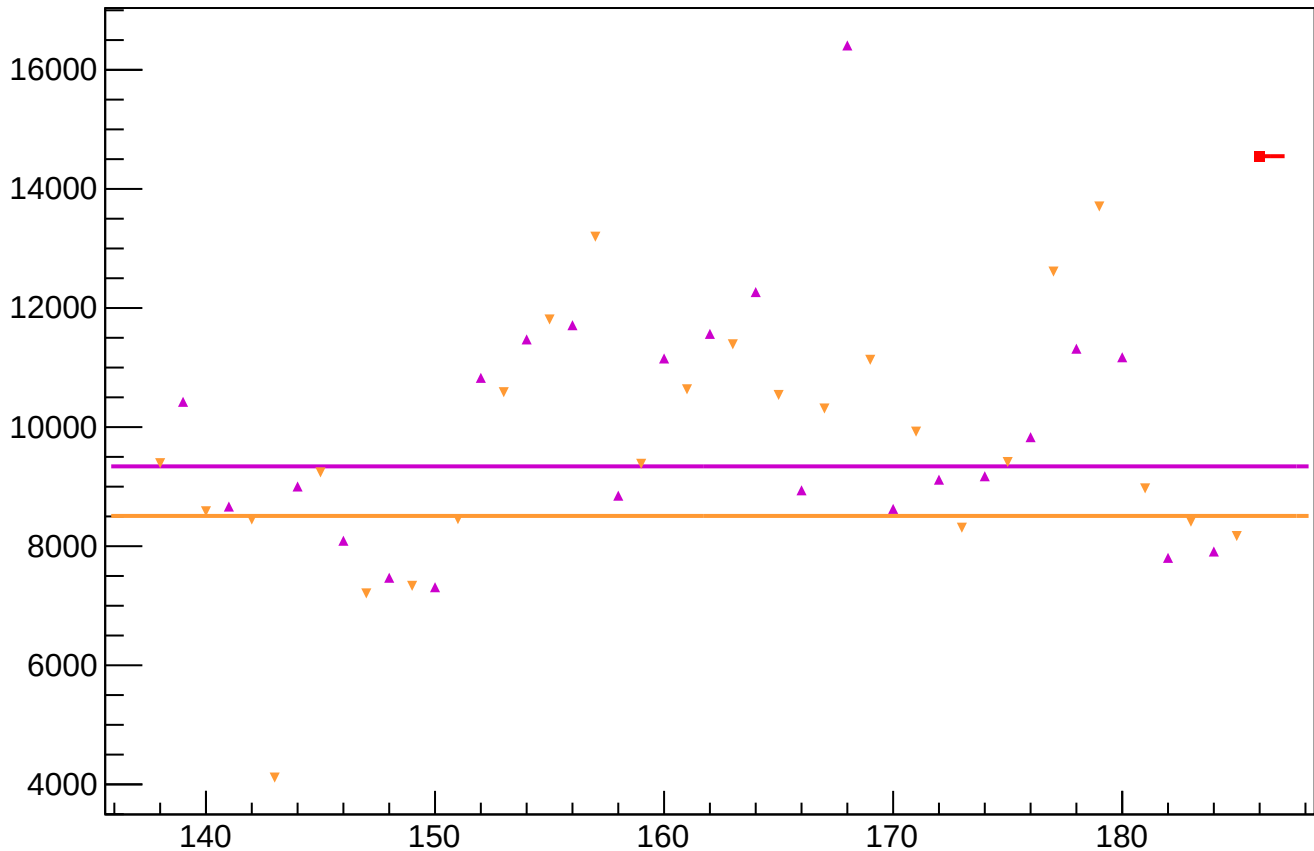
Left In: -143.328+/-2267.278 χ^2/NDF : 14.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.387+/-1529.165 χ^2/NDF : 51.4/48

- sign 409.105+/-2256.910 χ^2/NDF : 20.6/23

asym_at2_avg_correction_rms vs Slug



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

Left Out: 8508.371+/-1.470 χ^2/NDF : 2793100.6/24

Right Out: 14549.704+/-16.707 χ^2/NDF : 0.0/0

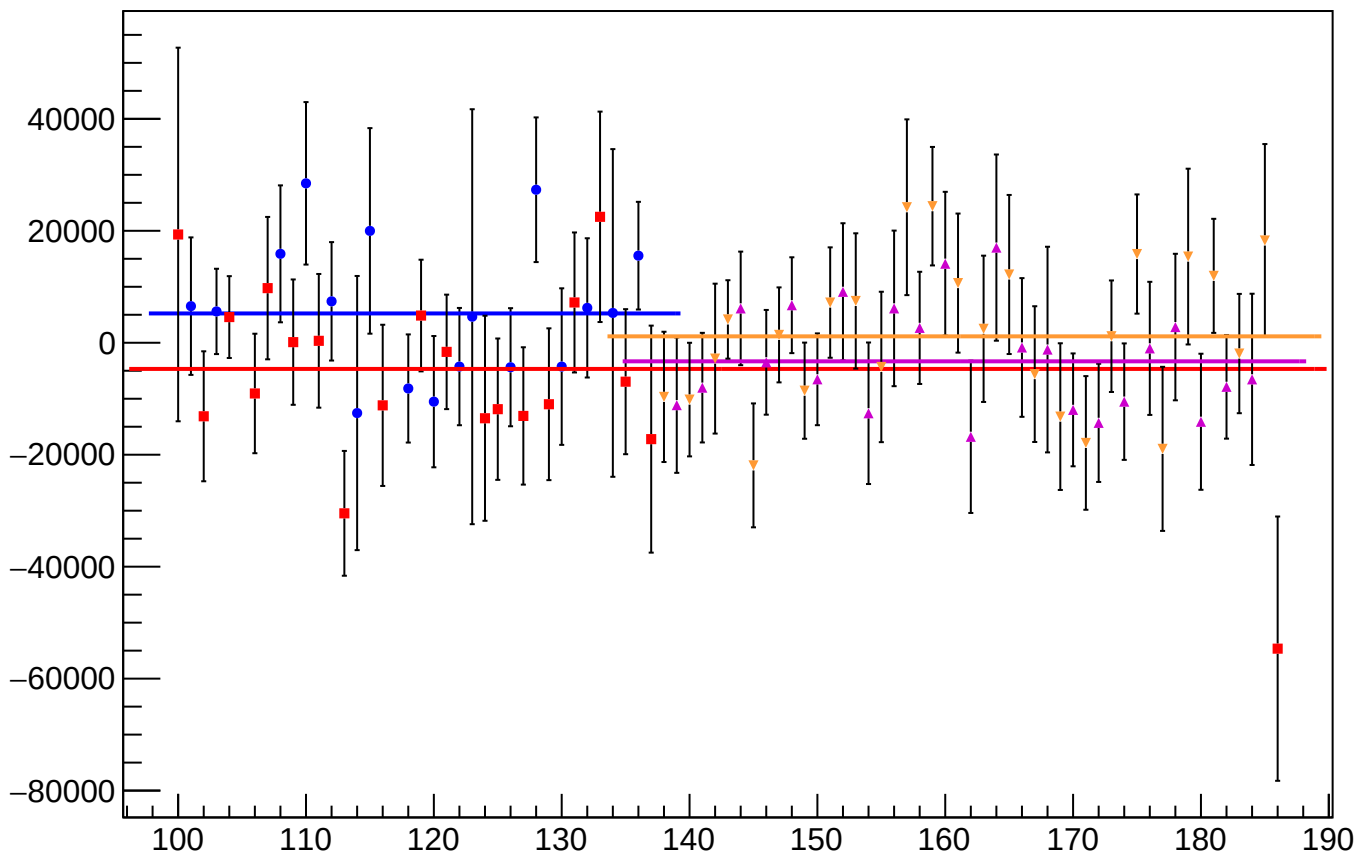
Left In: 9340.671+/-1.603 χ^2/NDF : 1122275.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8912.276+/-1.081 χ^2/NDF : 4176116.1/48

- sign 9388.201+/-1.596 χ^2/NDF : 1218601.8/23

asym_at2_avg_mean vs Slug



Right In: 5238.554 $\pm$ 2946.164 χ^2 /NDF: 14.5/16

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

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

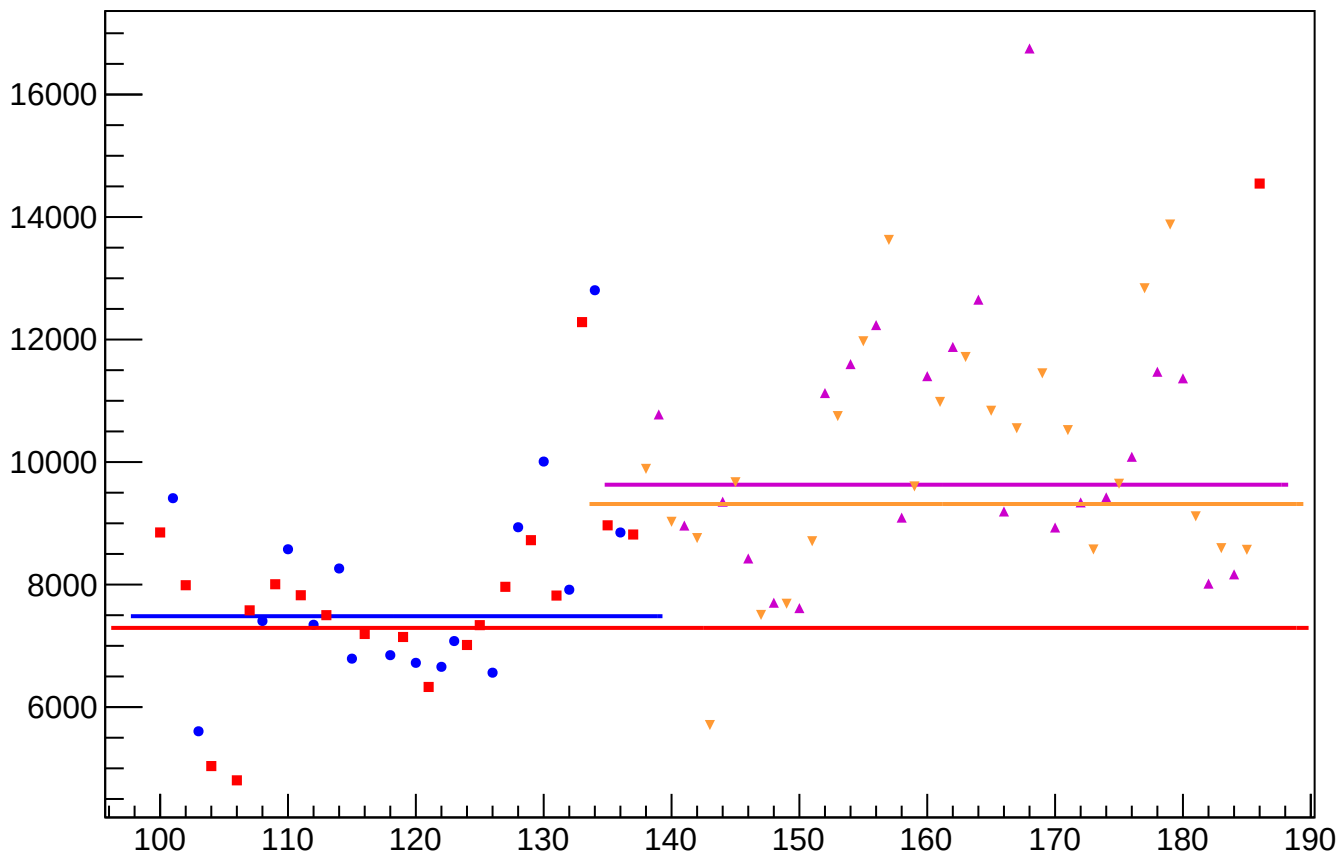
Left In: -3316.960 $\pm$ 2336.196 χ^2 /NDF:13.4/22

+ sign 2638.147 $\pm$ 1779.266 χ^2 /NDF: 43.6/41

All: -608.776 $\pm$ 1260.558 χ^2 /NDF: 84.0/84

- sign -3880.879 $\pm$ 1786.152 χ^2 /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

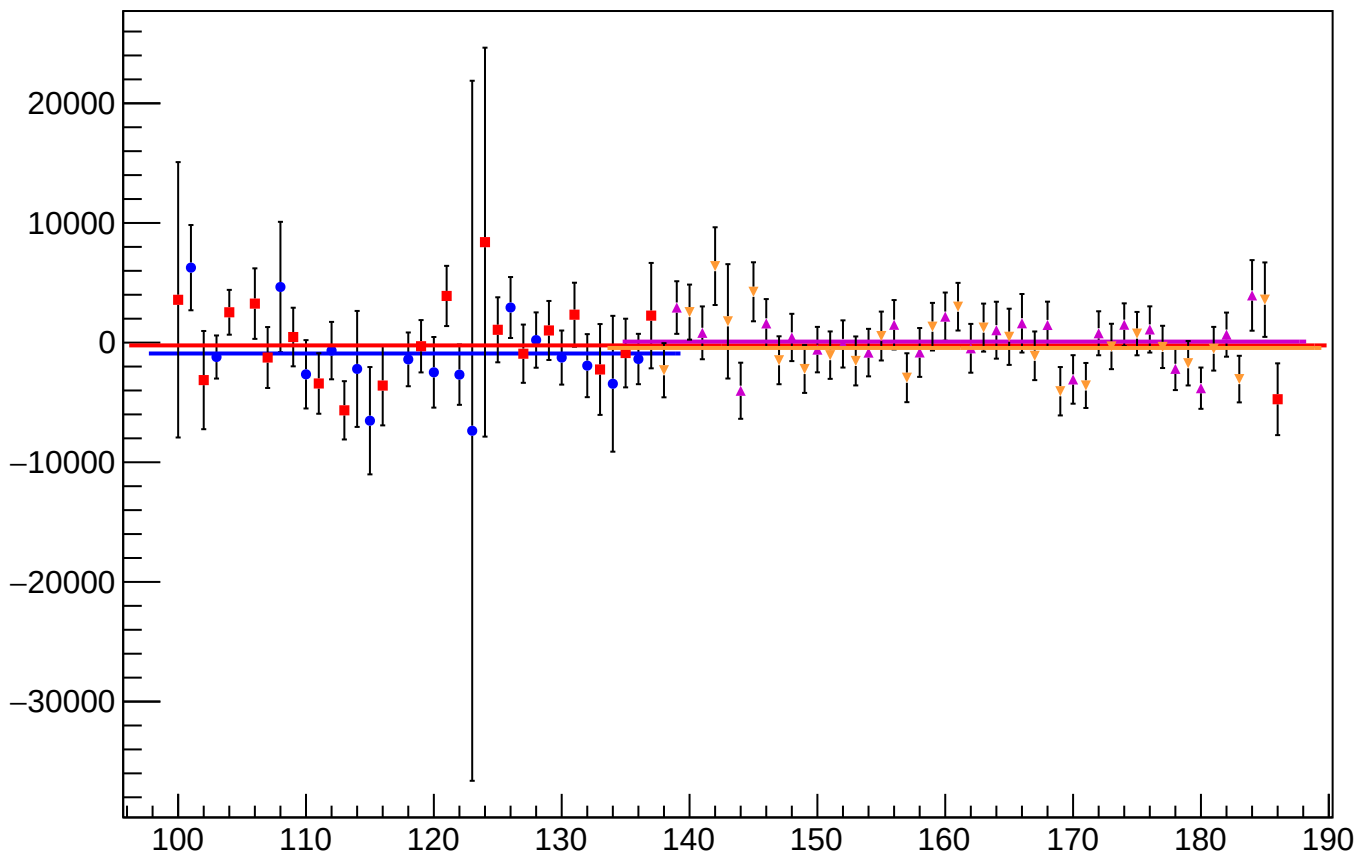
Left In: 9630.345 $\pm$ 1.652 χ^2 /NDF:1074643.5/22

+ 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: -909.107+/-671.360 χ^2/NDF : 10.9/16

Left Out: -445.526+/-418.017 χ^2/NDF : 28.9/24

Right Out: -232.761+/-627.913 χ^2/NDF : 19.4/19

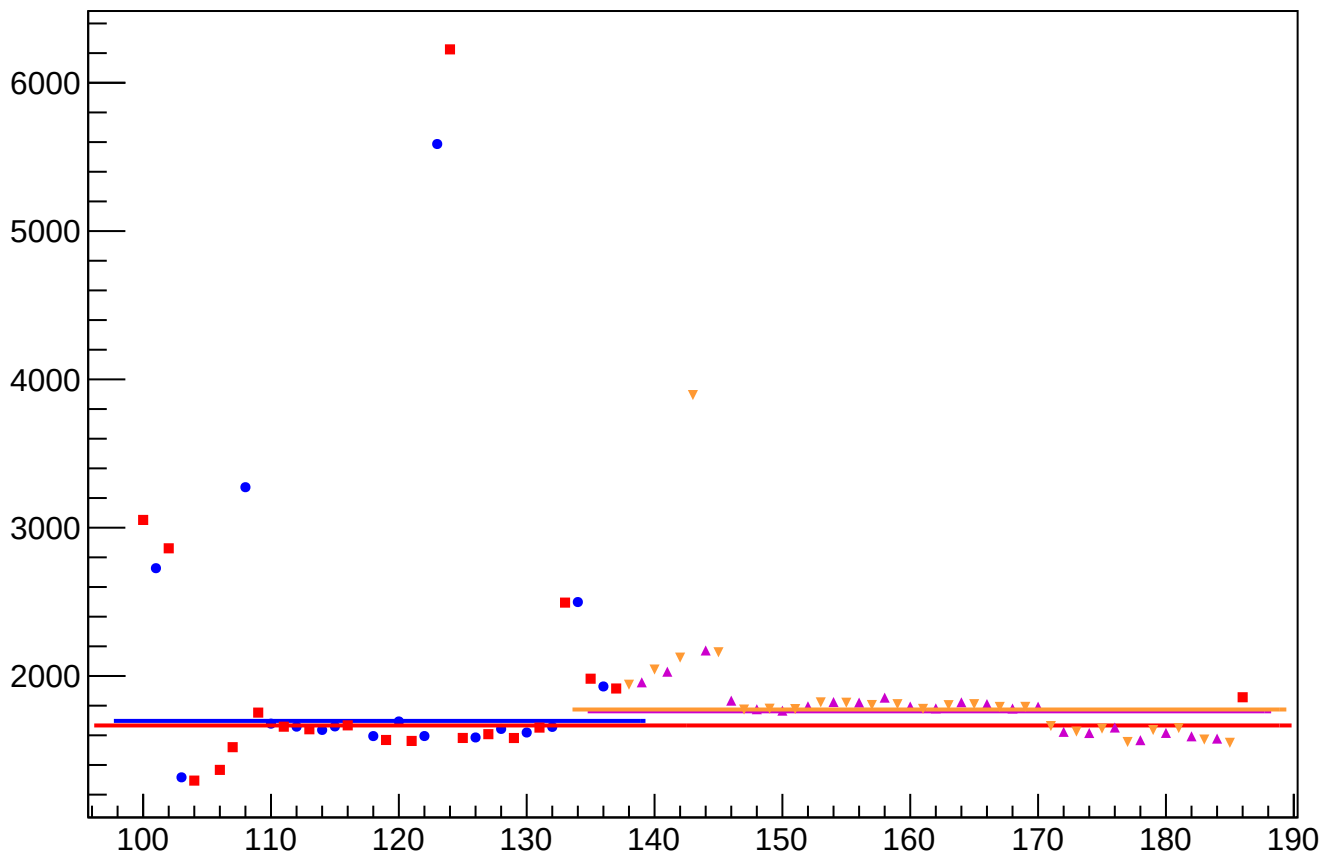
Left In: 85.195+/-421.350 χ^2/NDF : 20.7/22

+ sign -575.039+/-354.853 χ^2/NDF : 40.2/41

All: -290.317+/-249.141 χ^2/NDF : 81.7/84

- sign -13.524+/-349.878 χ^2/NDF : 40.2/42

dit_asym_at2_dd_rms vs Slug



Right In: 1697.239 ± 0.475 $\chi^2/\text{NDF}: 539725.9/16$

Left Out: 1774.084 ± 0.296 $\chi^2/\text{NDF}: 621530.1/24$

Right Out: 1666.435 ± 0.444 $\chi^2/\text{NDF}: 611420.4/19$

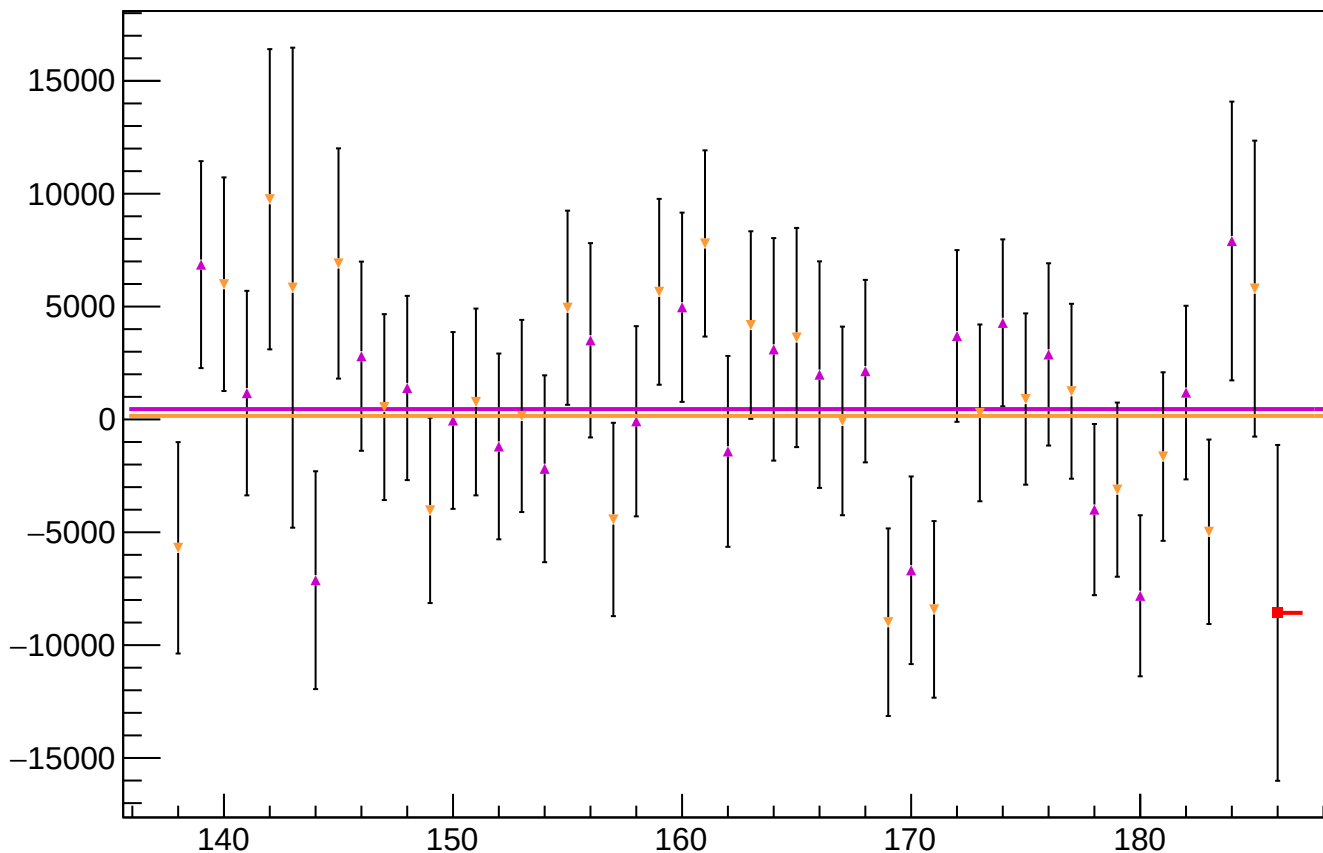
Left In: 1761.787 ± 0.298 $\chi^2/\text{NDF}: 214639.5/22$

+ sign 1752.615 ± 0.251 $\chi^2/\text{NDF}: 1180138.5/41$

All: 1742.255 ± 0.176 $\chi^2/\text{NDF}: 2041362.3/84$

- sign 1732.182 ± 0.247 $\chi^2/\text{NDF}: 857861.3/42$

asym_at2_dd_correction_mean vs Slug



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

Left Out: 156.218 $\pm$ 869.587 χ^2 /NDF:30.4/24

Right Out: -8570.657 $\pm$ 7440.291 χ^2 /NDF: 0.0/0

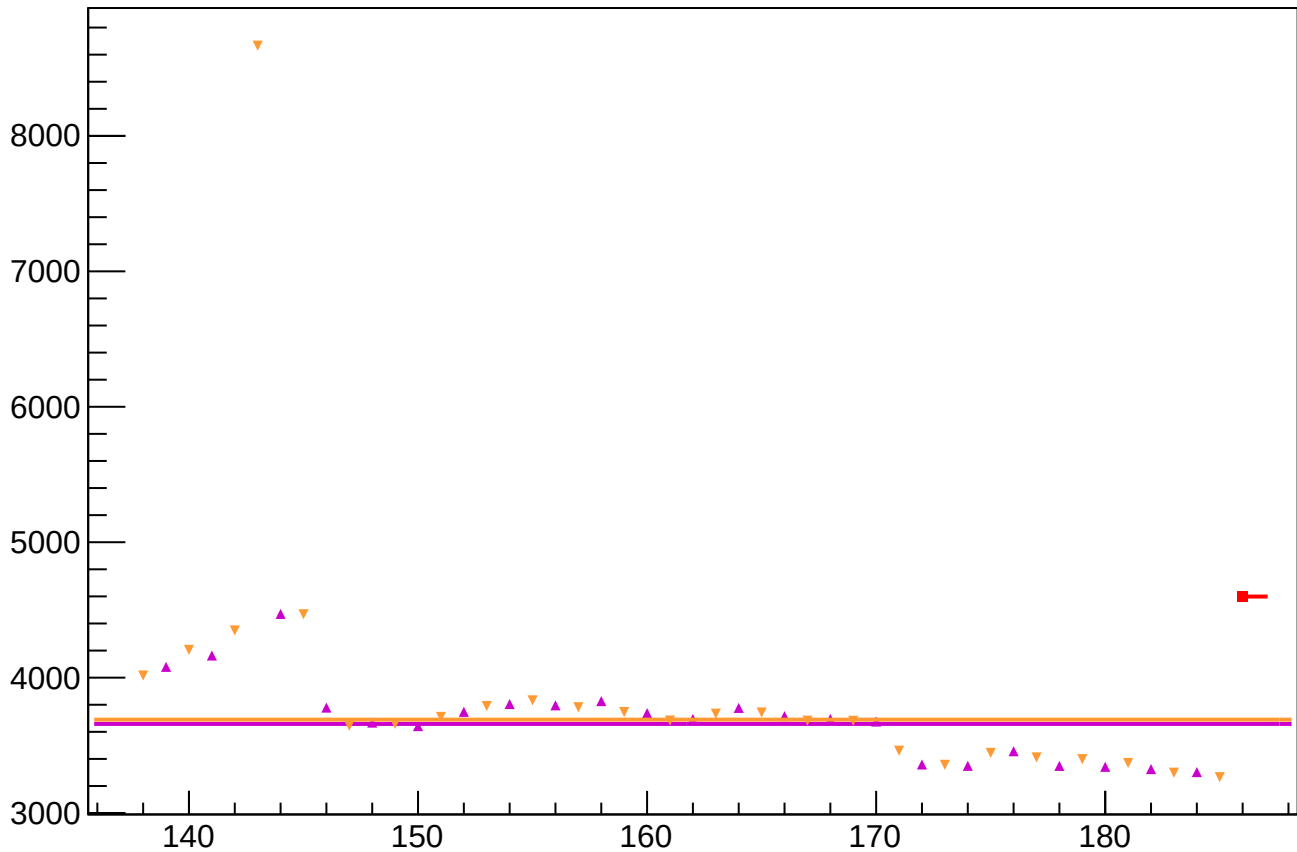
Left In: 458.566 $\pm$ 874.634 χ^2 /NDF:21.2/22

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

All: 245.952 $\pm$ 614.560 χ^2 /NDF: 53.0/48

- sign 335.493 $\pm$ 868.653 χ^2 /NDF: 22.6/23

asym_at2_dd_correction_rms vs Slug



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

Left Out: 3690.073+/-0.615 χ^2/NDF : 635939.2/24

Right Out: 4598.812+/-5.261 χ^2/NDF : 0.0/0

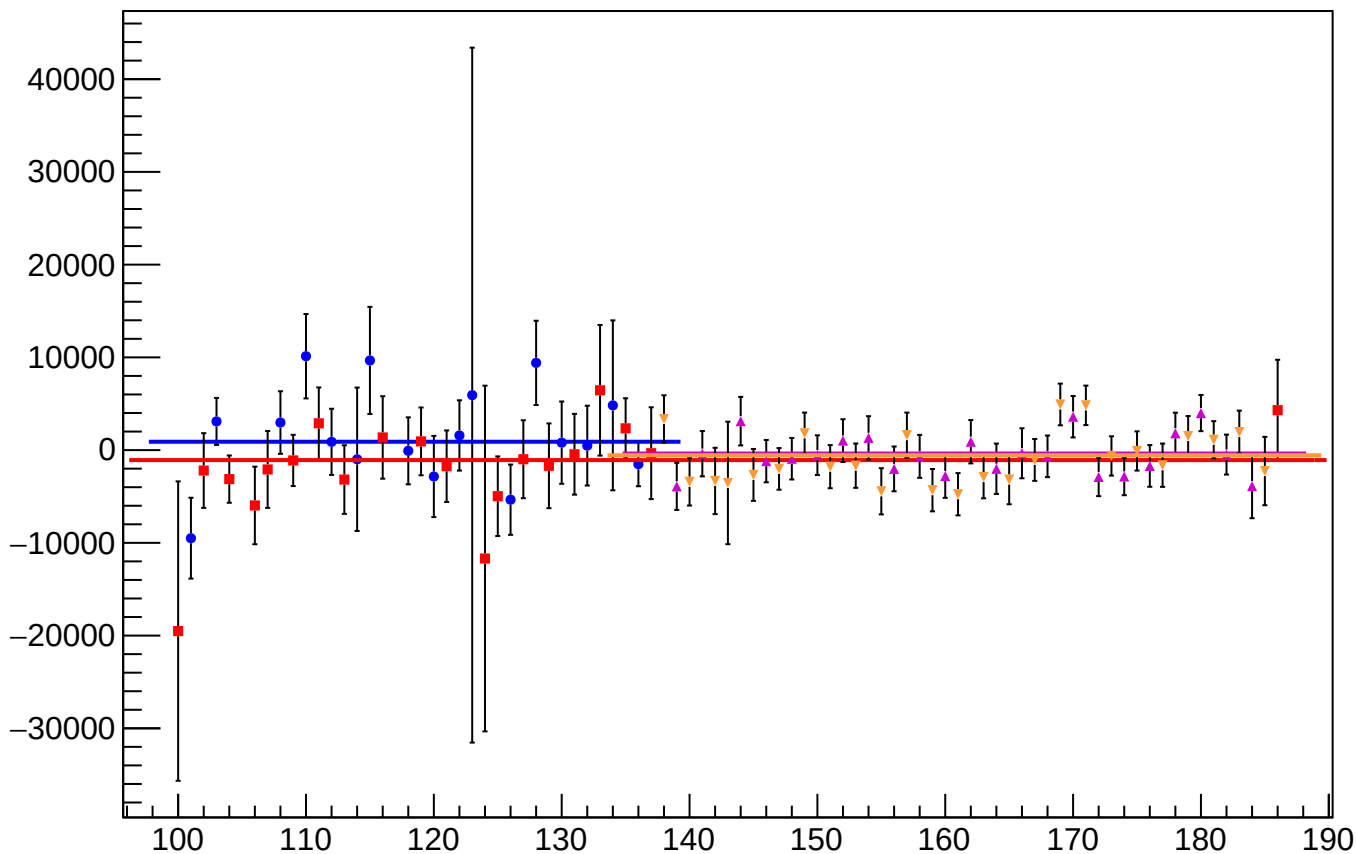
Left In: 3658.346+/-0.618 χ^2/NDF : 193399.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3680.609+/-0.435 χ^2/NDF : 861331.1/48

- sign 3671.165+/-0.614 χ^2/NDF : 224918.6/23

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

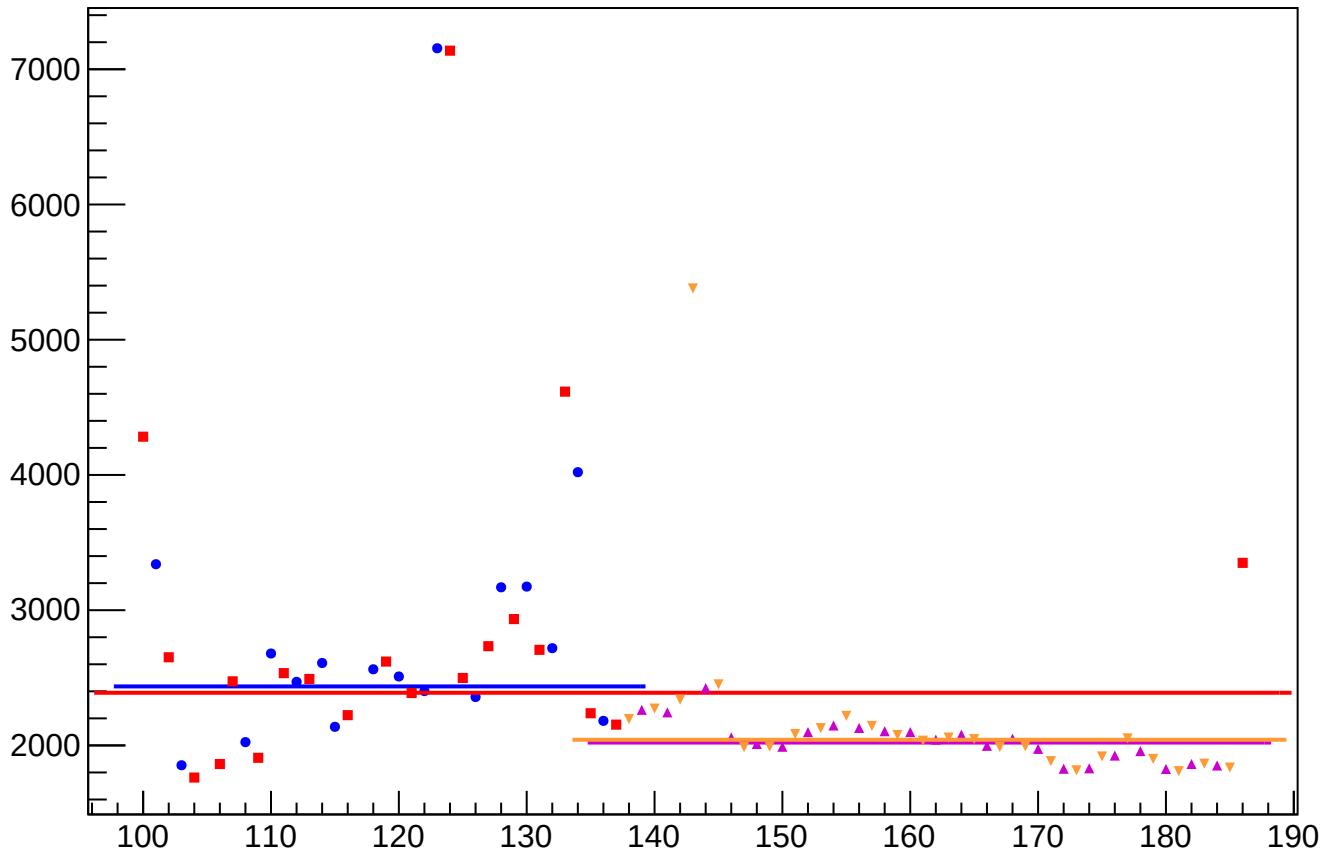
Left In: -366.243 $\pm$ 483.092 χ^2 /NDF:20.5/22

+ 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

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

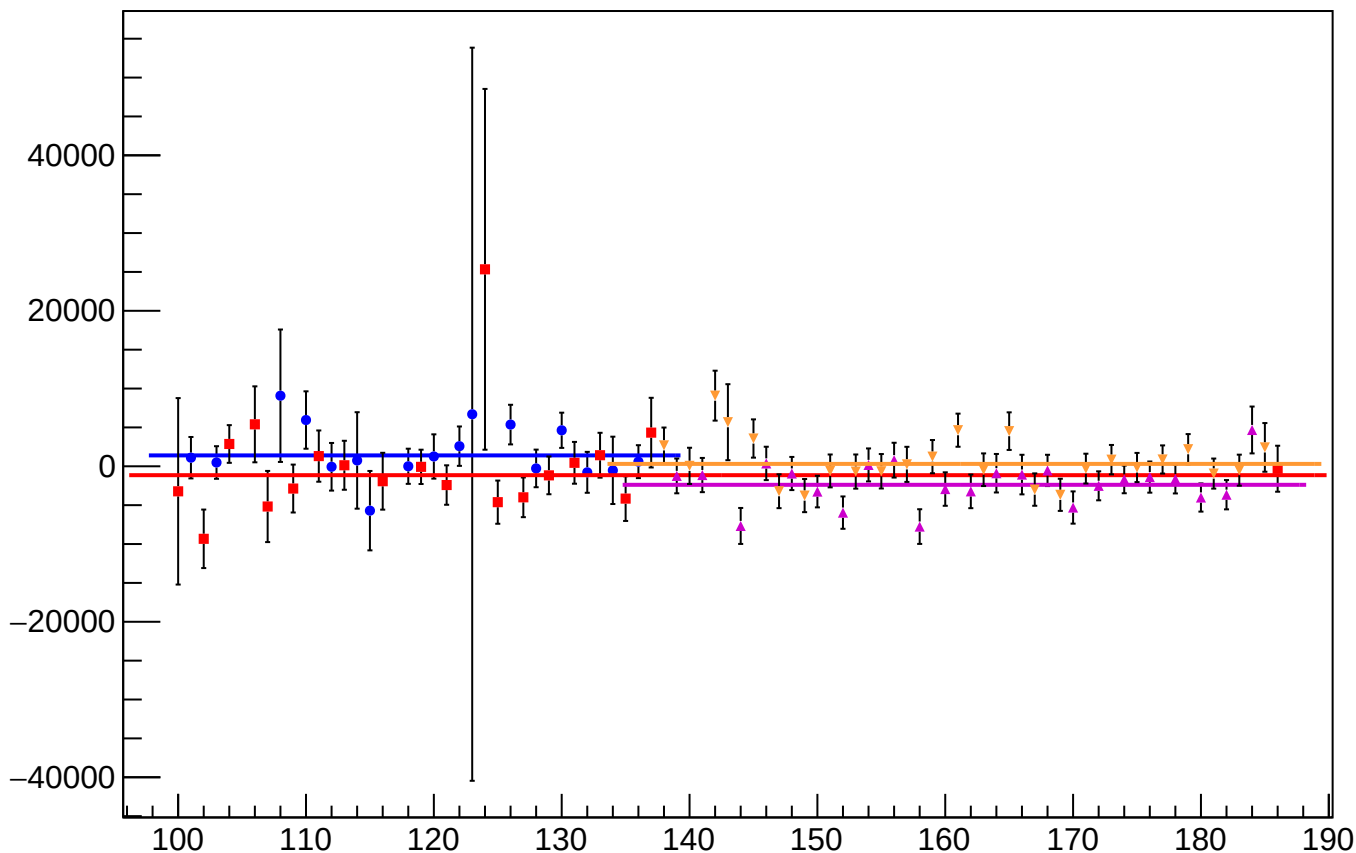
Right Out: 2389.365+/-0.645 χ^2/NDF : 720082.8/19

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

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

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

dit_asym_atl_avg_mean vs Slug



Right In: 1400.477 ± 699.727 χ^2/NDF : 11.3/16

Left Out: 307.312 ± 435.678 χ^2/NDF : 34.4/24

Right Out: -1143.165 ± 695.228 χ^2/NDF : 19.5/19

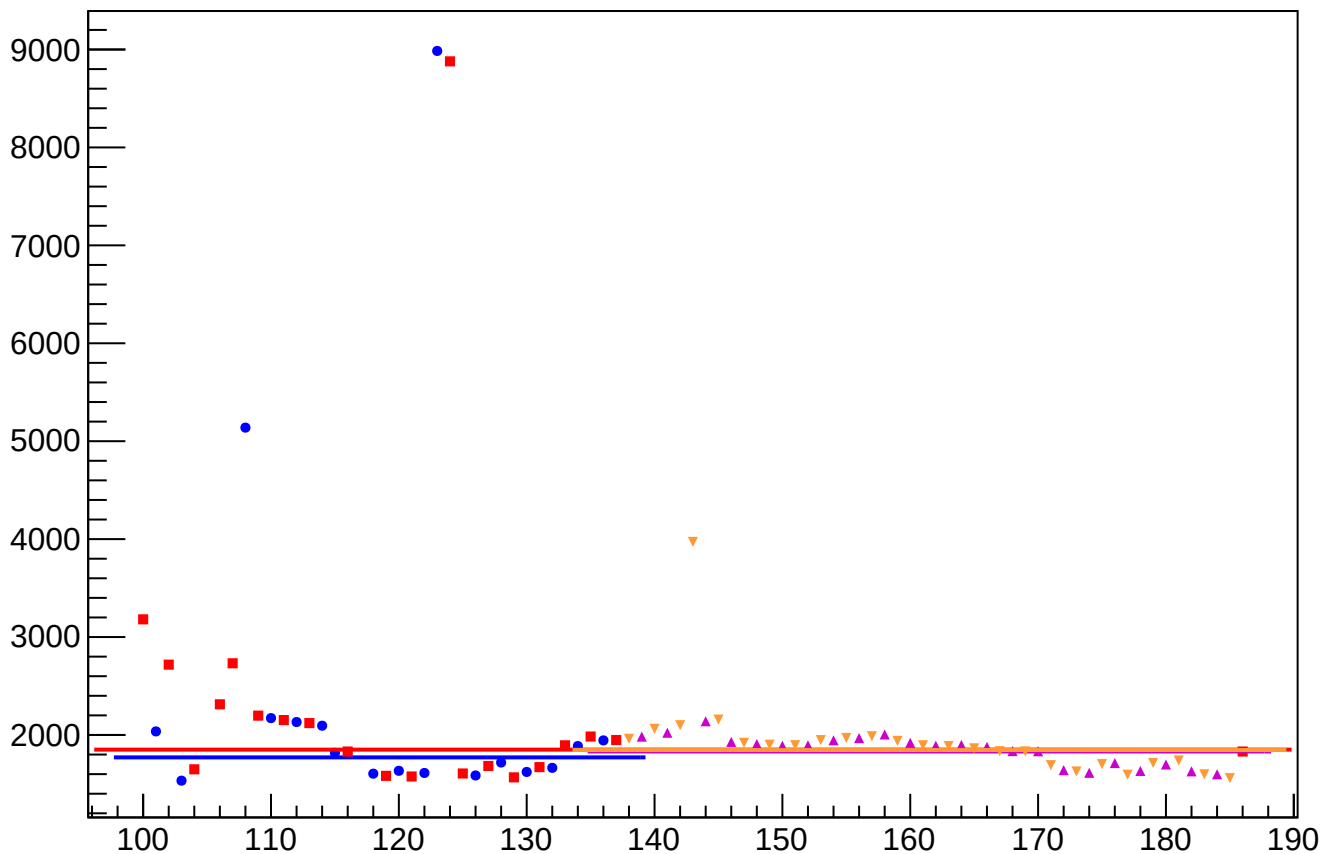
Left In: -2383.232 ± 438.943 χ^2/NDF : 31.3/22

+ sign 612.712 ± 369.846 χ^2/NDF : 47.4/41

All: -703.866 ± 261.983 χ^2/NDF : 126.0/84

- sign -2029.799 ± 371.157 χ^2/NDF : 53.1/42

dit_asym_atl_avg_rms vs Slug



Right In: 1770.964 $\pm$ 0.495 χ^2 /NDF: 523586.3/16

Left Out: 1846.193 $\pm$ 0.308 χ^2 /NDF: 626949.3/24

Right Out: 1850.249 $\pm$ 0.491 χ^2 /NDF: 598024.2/19

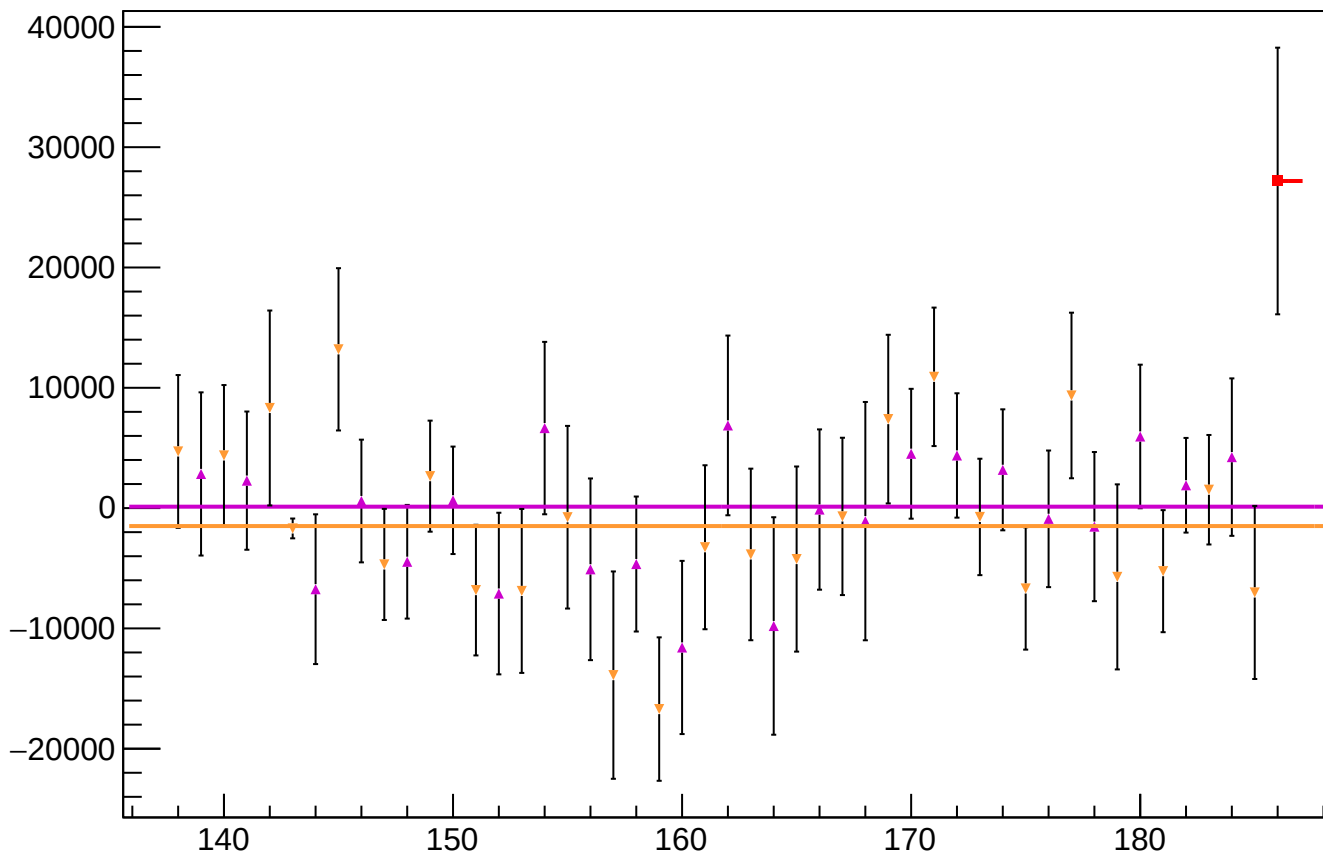
Left In: 1831.219 $\pm$ 0.310 χ^2 /NDF: 229043.3/22

+ sign 1825.176 $\pm$ 0.262 χ^2 /NDF: 1167194.9/41

All: 1830.895 $\pm$ 0.185 χ^2 /NDF: 1996295.3/84

- sign 1836.651 $\pm$ 0.262 χ^2 /NDF: 828140.7/42

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1493.254 $\pm$ 684.837 χ^2 /NDF:31.7/24

Right Out: 27190.036 $\pm$ 11081.895 χ^2 /NDF: 0.0/0

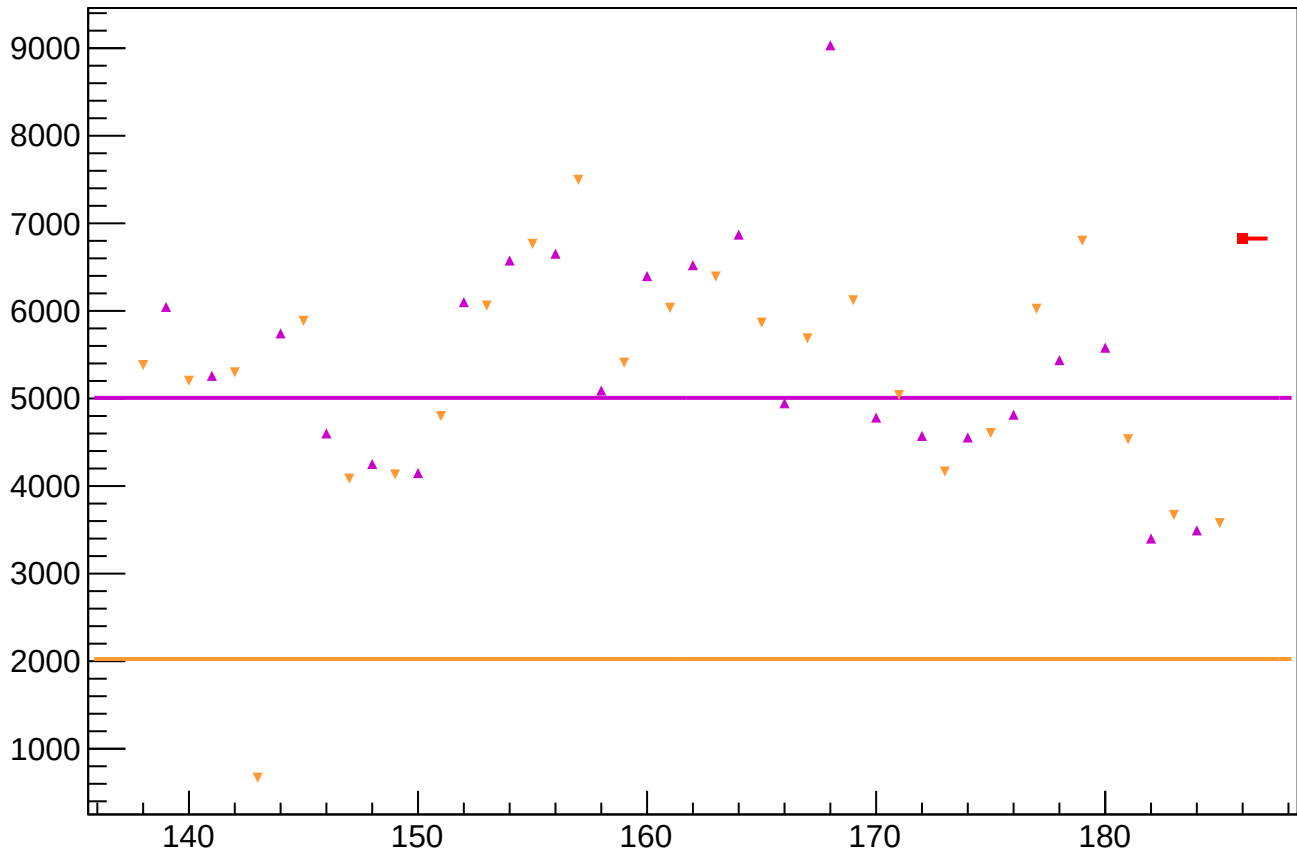
Left In: 118.284 $\pm$ 1222.854 χ^2 /NDF:13.7/22

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

All: -1026.463 $\pm$ 596.650 χ^2 /NDF: 53.2/48

- sign 443.957 $\pm$ 1215.477 χ^2 /NDF: 19.6/23

asym_atl_avg_correction_rms vs Slug



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

Left Out: 2024.652+/-0.484 χ^2/NDF :18819780.3/24

Right Out: 6826.556+/-7.836 χ^2/NDF : 0.0/0

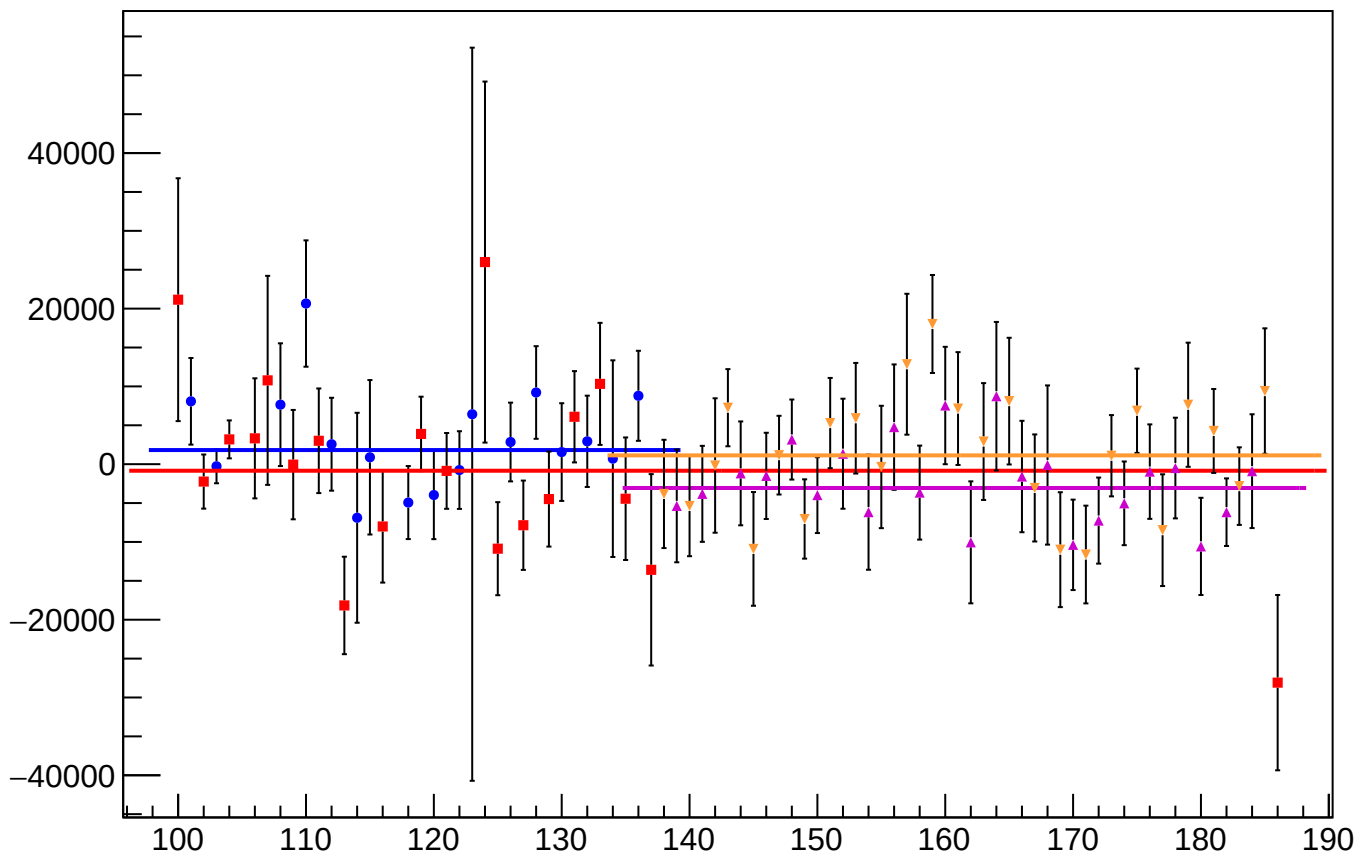
Left In: 5006.911+/-0.865 χ^2/NDF :1537926.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2748.533+/-0.422 χ^2/NDF : 29684491.8/4

- sign 5028.801+/-0.859 χ^2/NDF : 1591201.0/23

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

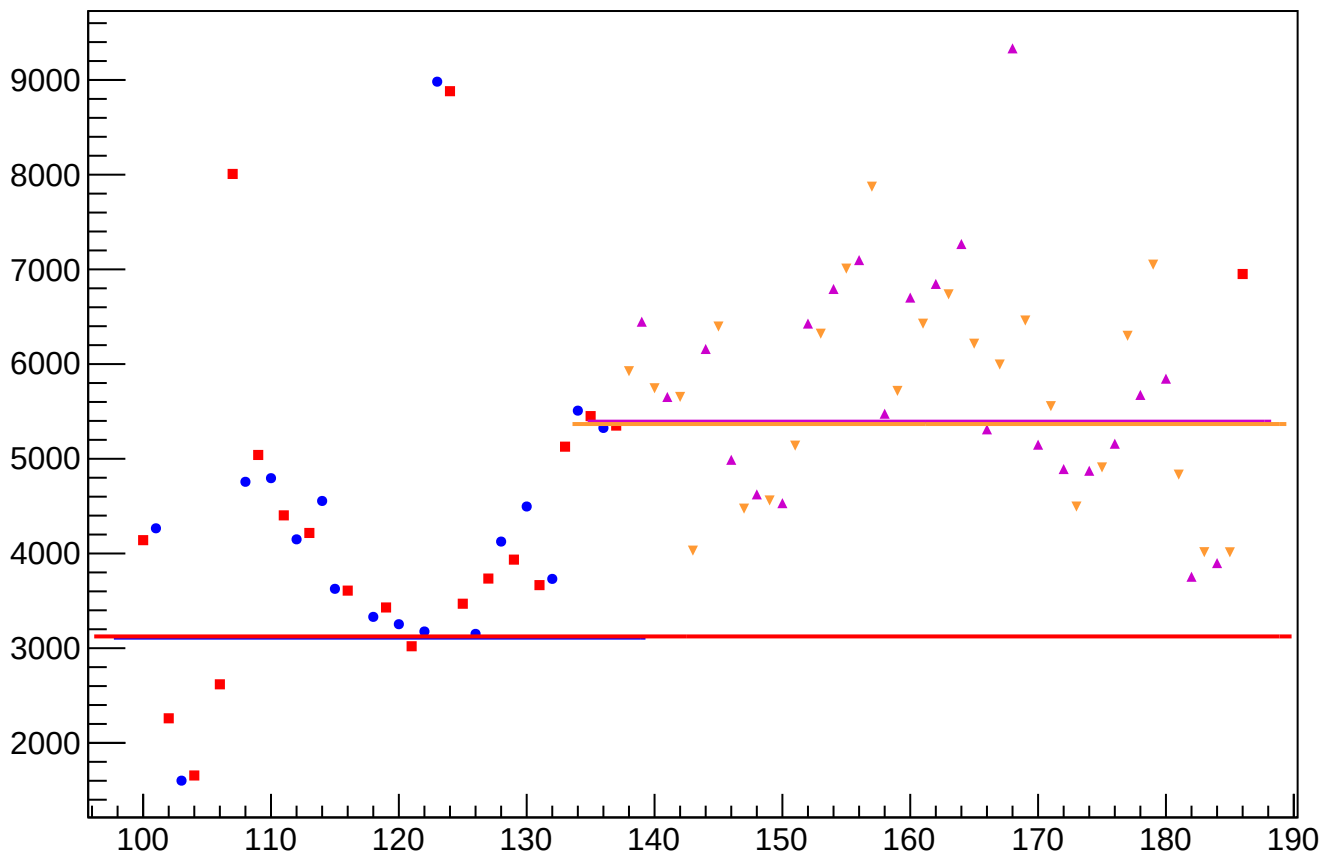
Left In: -3061.439+/-1313.197 χ^2/NDF : 12.3/22

+ 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

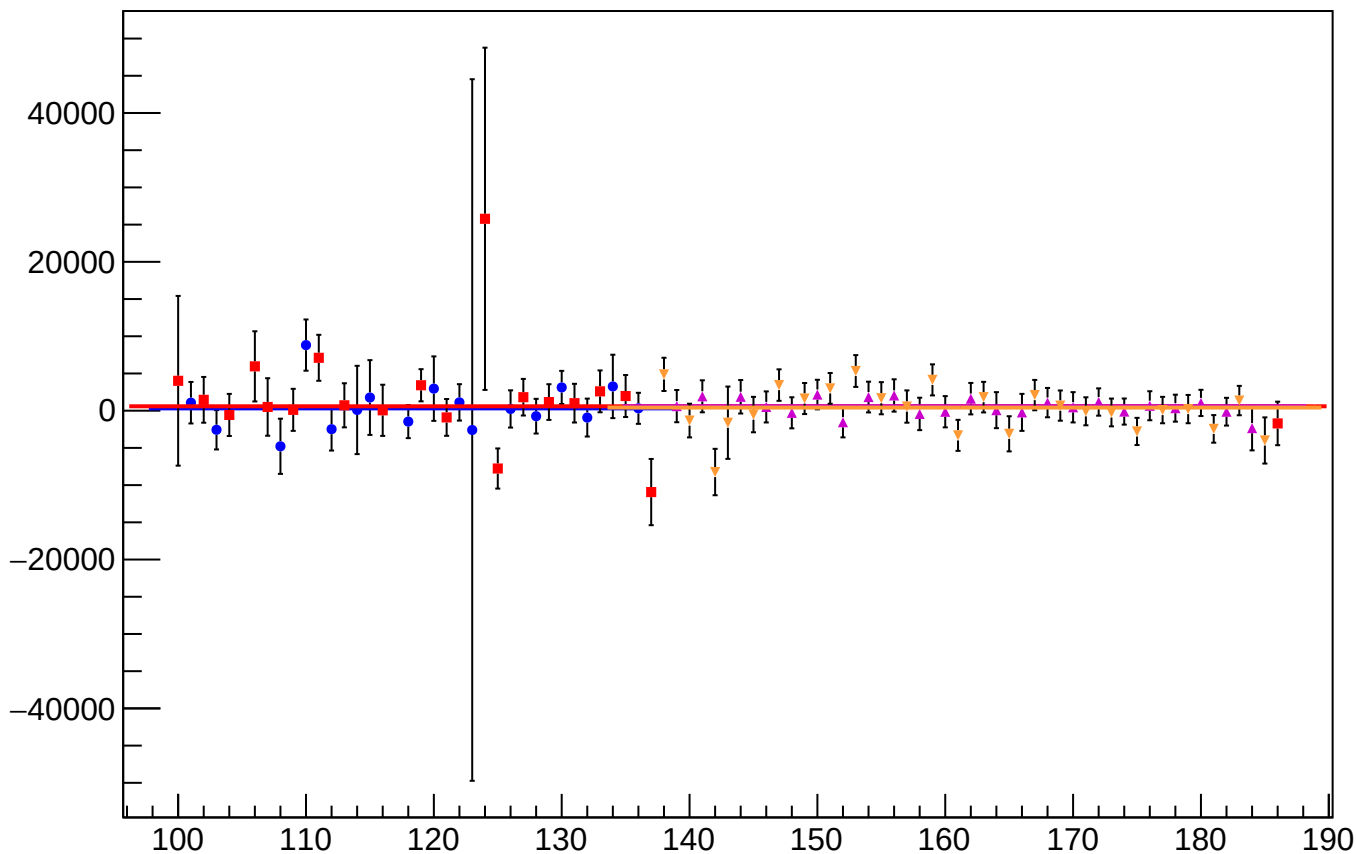
Left In: 5391.987 $\pm$ 0.929 χ^2 /NDF:1320415.5/22

+ 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: 310.890 $\pm$ 702.491 χ^2 /NDF: 13.9/16

Left Out: 418.780 $\pm$ 425.452 χ^2 /NDF:39.9/24

Right Out: 591.022 $\pm$ 673.711 χ^2 /NDF: 27.4/19

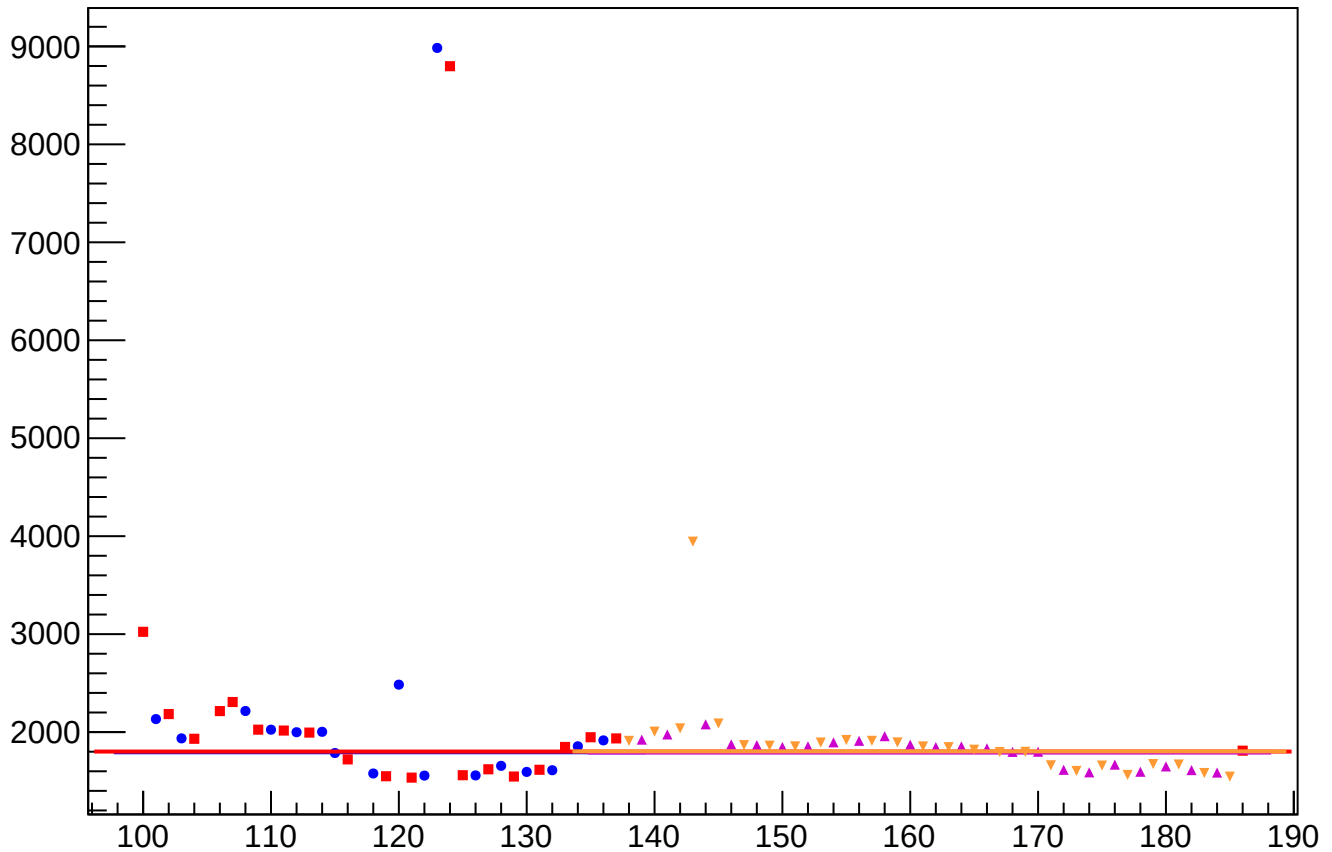
Left In: 595.101 $\pm$ 429.153 χ^2 /NDF:5.7/22

+ sign 389.827 $\pm$ 363.914 χ^2 /NDF: 53.9/41

All: 492.426 $\pm$ 256.631 χ^2 /NDF: 87.2/84

- sign 593.924 $\pm$ 361.956 χ^2 /NDF: 33.1/42

dit_asym_atl_dd_rms vs Slug



Right In: 1794.083+/-0.497 χ^2/NDF : 276685.7/16

Left Out: 1803.254+/-0.301 χ^2/NDF : 616372.0/24

+ sign 1800.793+/-0.257 χ^2/NDF : 893307.1/41

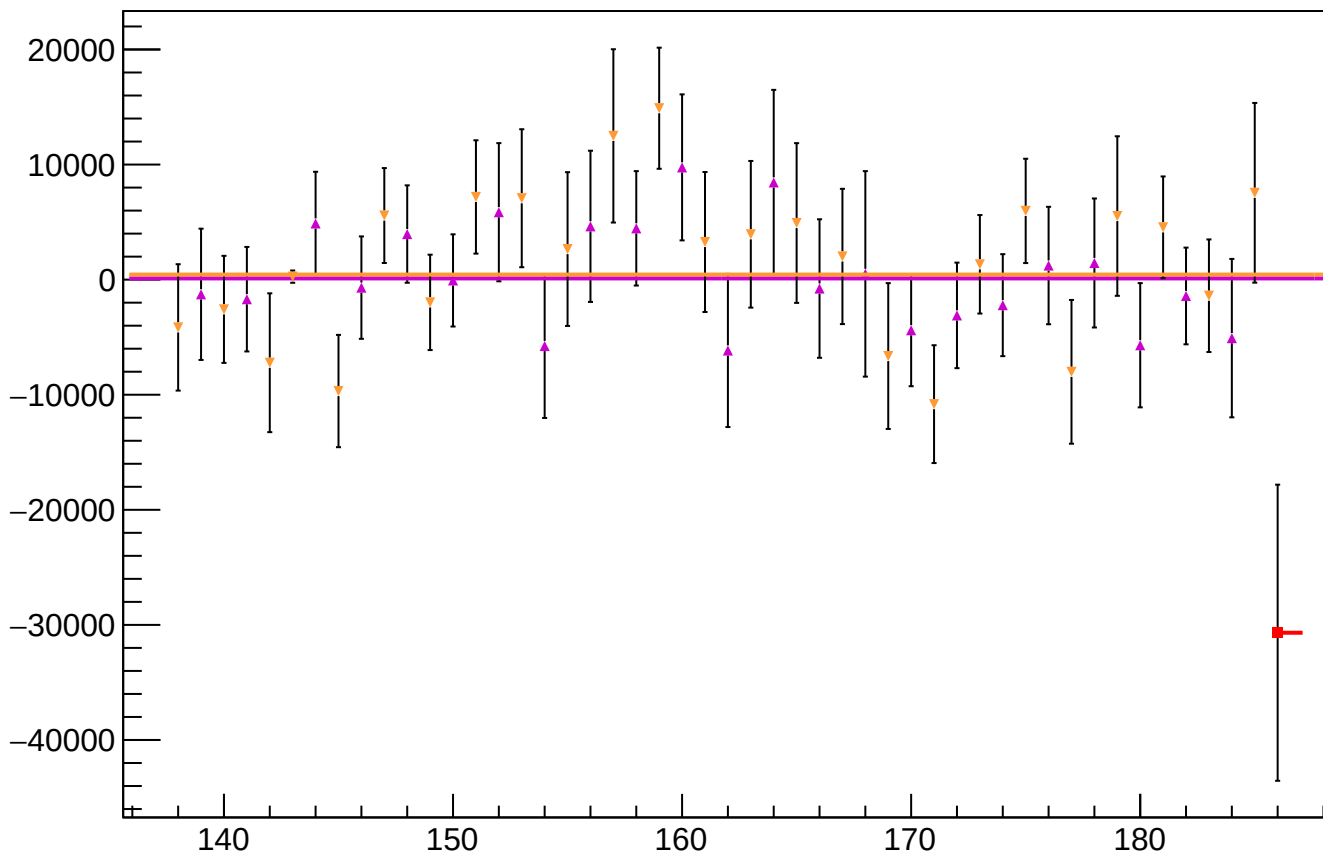
Right Out: 1801.256+/-0.476 χ^2/NDF : 444870.8/19

All: 1797.359+/-0.181 χ^2/NDF : 1549573.7/84

- sign 1793.966+/-0.256 χ^2/NDF : 655912.6/42

Left In: 1790.999+/-0.303 χ^2/NDF : 210711.4/22

asym_atl_dd_correction_mean vs Slug



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

Left Out: 441.916+/-479.882 χ^2/NDF :35.2/24

Right Out: -30681.186+/-12865.884 χ^2/NDF : 0.0/0

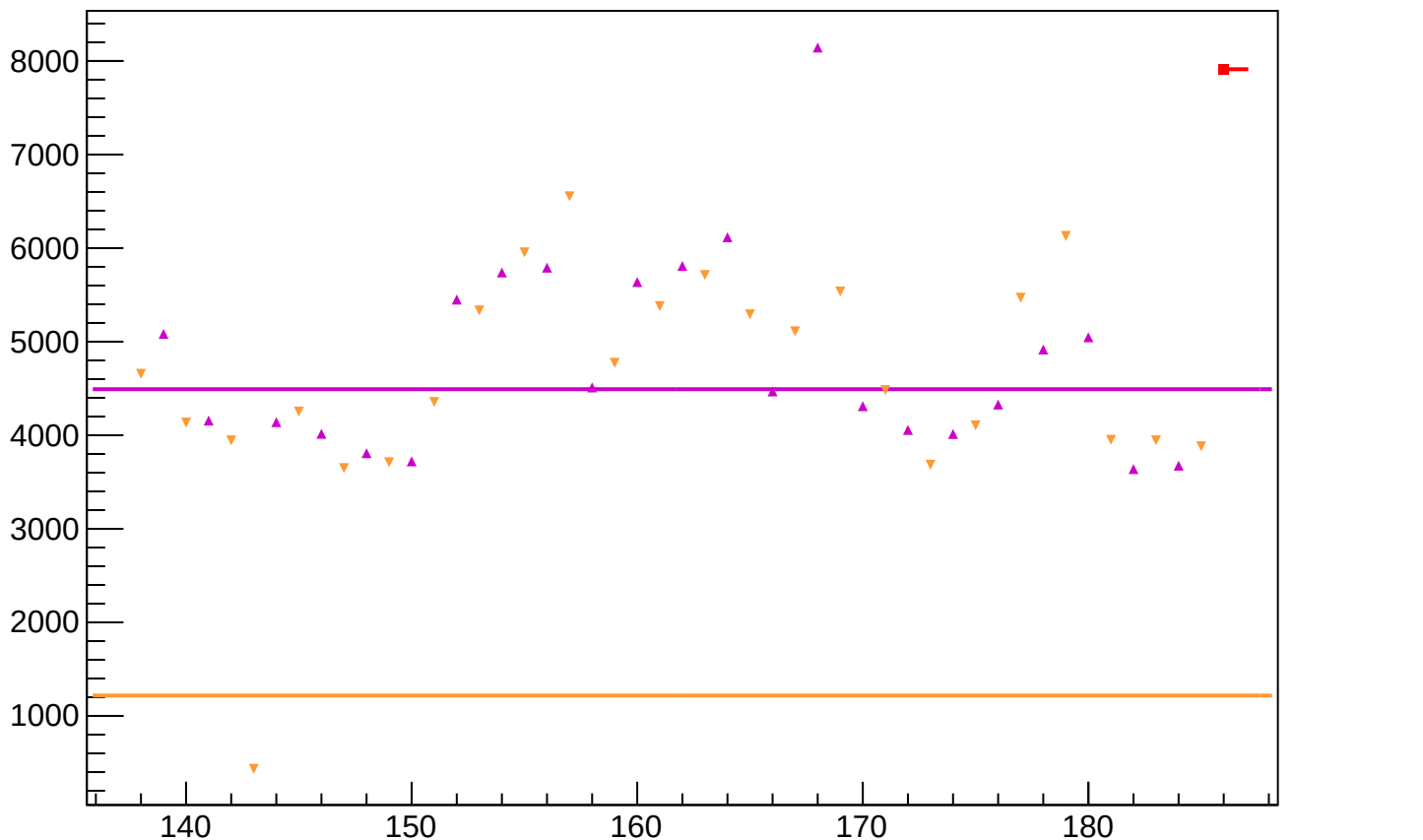
Left In: 105.335+/-1090.763 χ^2/NDF :13.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.163+/-438.995 χ^2/NDF : 54.2/48

- sign -114.365+/-1086.864 χ^2/NDF : 18.8/23

asym_atl_dd_correction_rms vs Slug



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

Left Out: 1217.897+/-0.339 χ^2/NDF : 23423127.2/24

Right Out: 7911.741+/-9.098 χ^2/NDF : 0.0/0

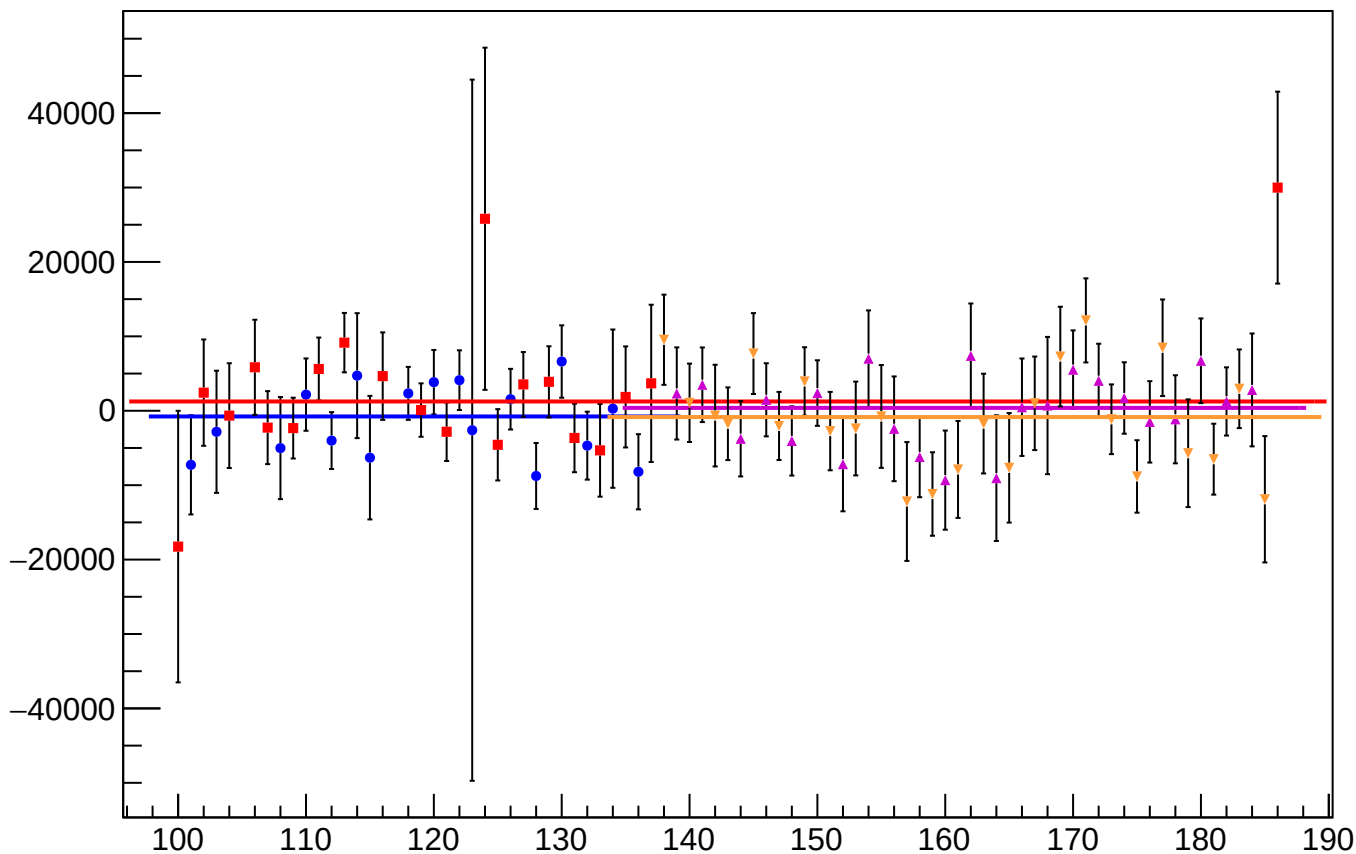
Left In: 4492.222+/-0.771 χ^2/NDF : 1152018.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1756.062+/-0.310 χ^2/NDF : 40133252.3/4

- sign 4516.624+/-0.769 χ^2/NDF : 1292290.1/23

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 $\chi^2/\text{NDF}: 20.0/19$

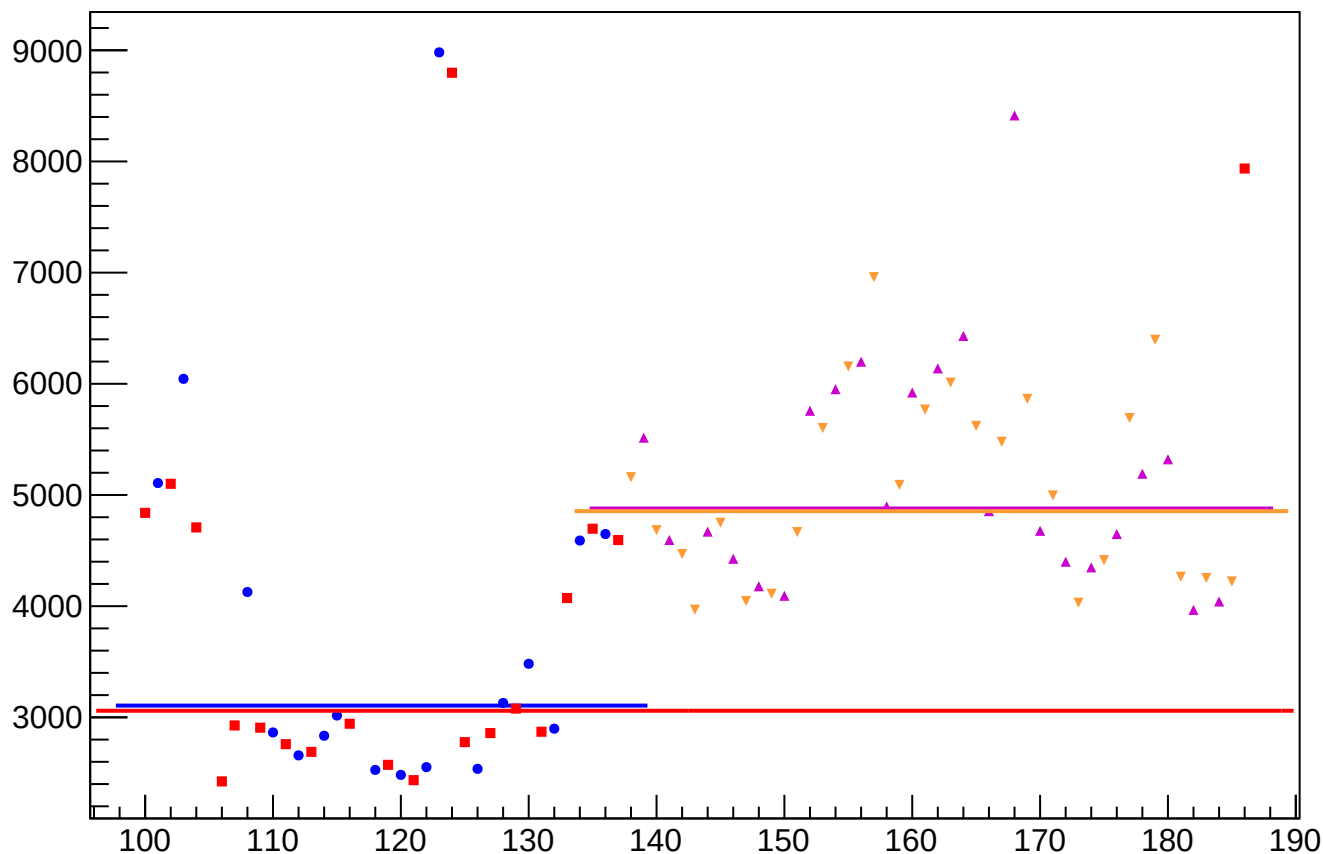
Left In: 385.098 ± 1181.458 $\chi^2/\text{NDF}: 13.9/22$

+ 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

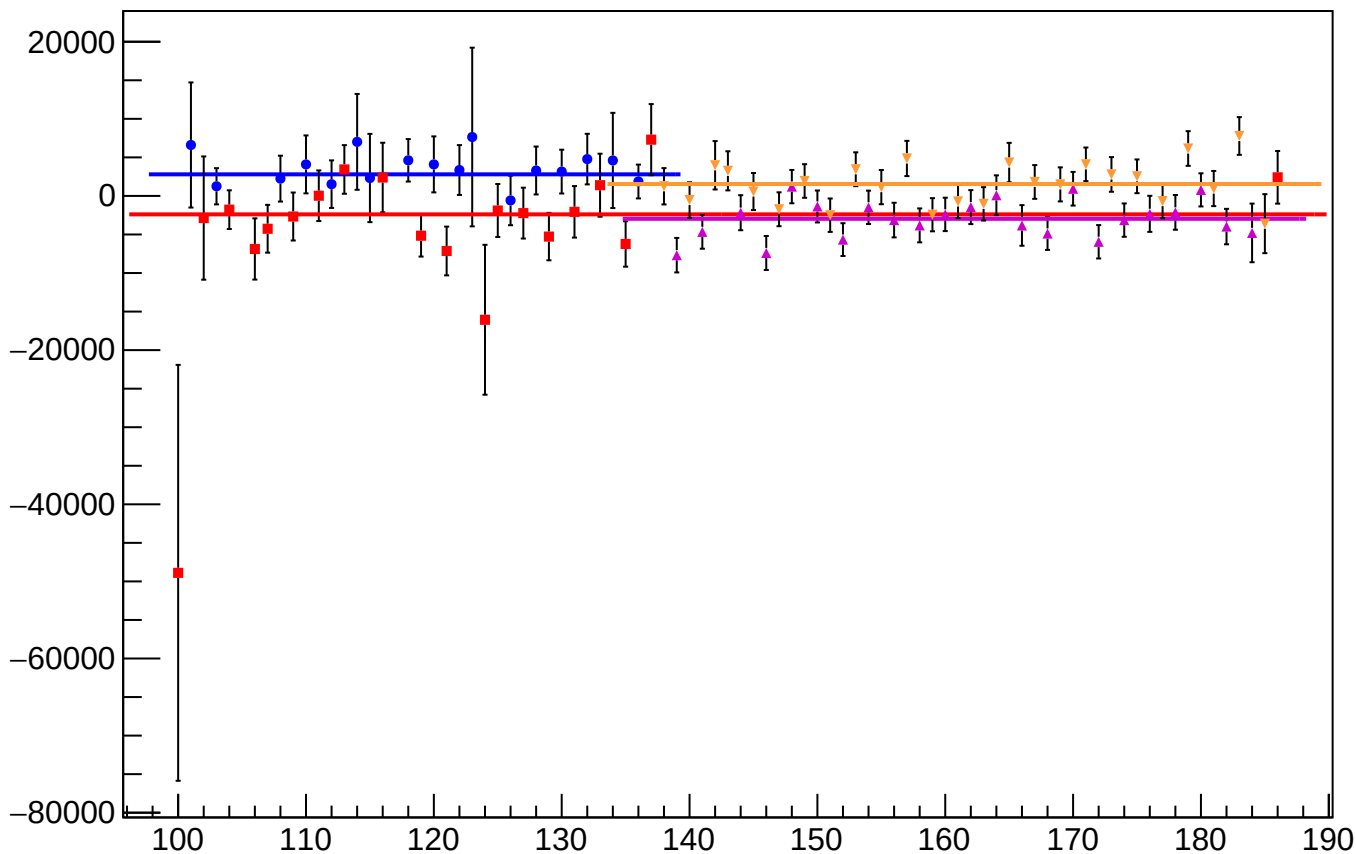
Left In: 4878.261+/-0.835 χ^2/NDF : 965222.2/22

+ 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: 2800.286+/-815.307 χ^2/NDF : 4.0/16

Left Out: 1545.863+/-461.862 χ^2/NDF :33.2/24

Right Out: -2390.641+/-786.766 χ^2/NDF : 24.9/19

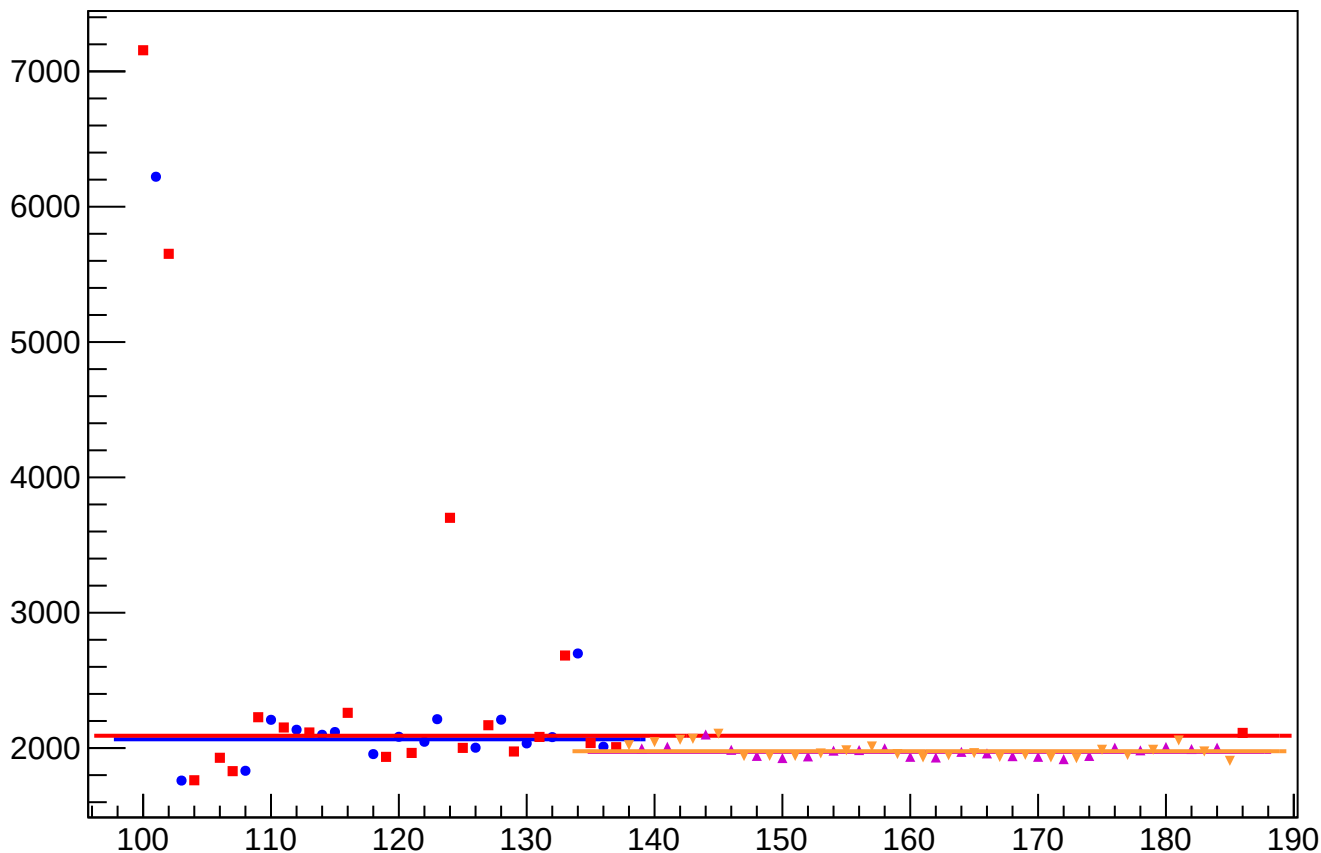
Left In: -2968.538+/-470.273 χ^2/NDF :27.4/22

+ sign 1850.620+/-401.861 χ^2/NDF : 39.0/41

All: -472.477+/-284.793 χ^2/NDF : 158.9/84

- sign -2816.416+/-403.660 χ^2/NDF : 52.7/42

dit_asym_atr_avg_rms vs Slug



Right In: 2064.706 $\pm$ 0.577 χ^2 /NDF: 606406.5/16

Left Out: 1976.522 $\pm$ 0.327 χ^2 /NDF: 22476.7/24

Right Out: 2090.969 $\pm$ 0.556 χ^2 /NDF: 640663.3/19

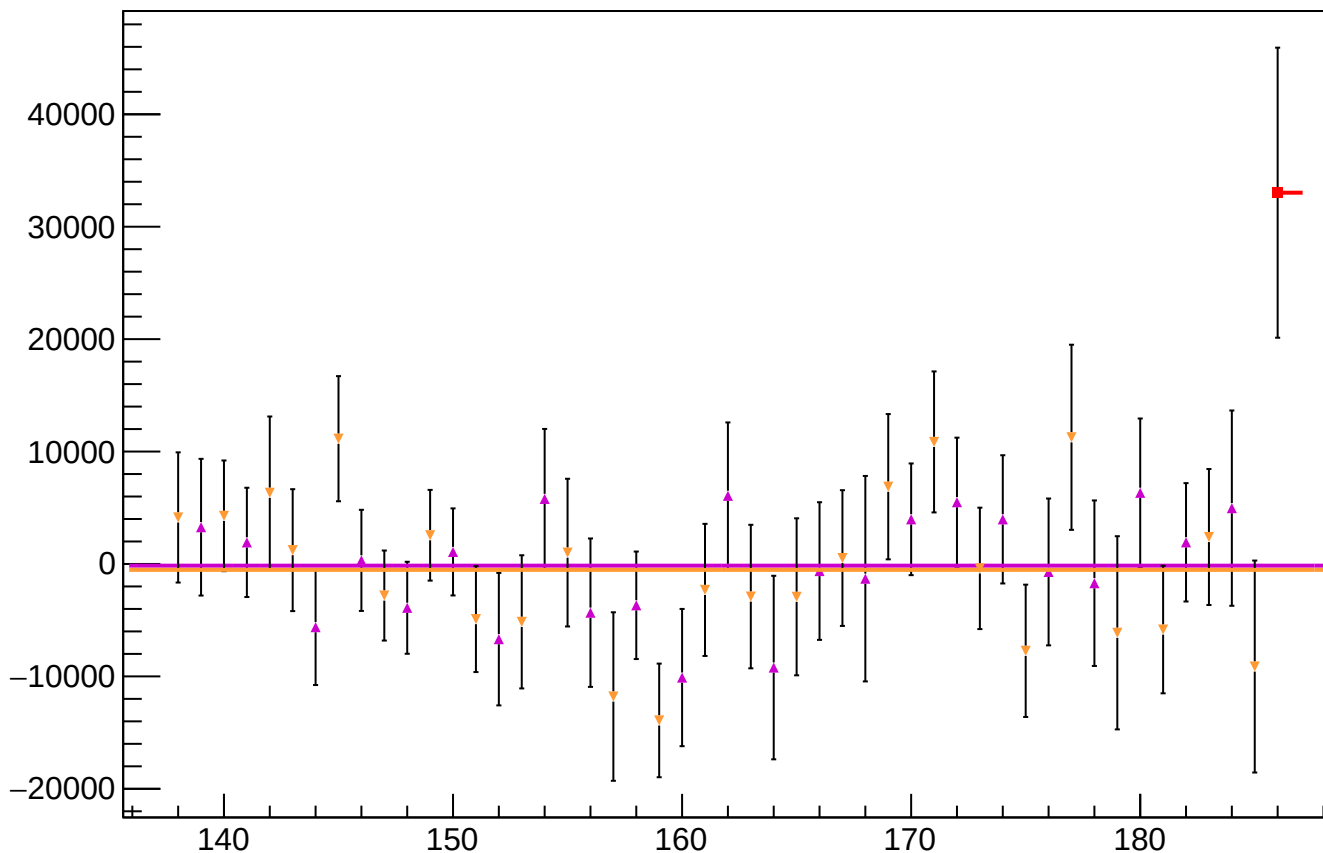
Left In: 1971.509 $\pm$ 0.333 χ^2 /NDF: 14769.7/22

+ sign 1997.946 $\pm$ 0.284 χ^2 /NDF: 646596.4/41

All: 2000.447 $\pm$ 0.201 χ^2 /NDF: 1336174.0/84

- sign 2002.970 $\pm$ 0.285 χ^2 /NDF: 689422.0/42

asym_atr_avg_correction_mean vs Slug



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

Left Out: -525.082 $\pm$ 1155.846 χ^2 /NDF:29.7/24

Right Out: 33026.227 $\pm$ 12900.528 χ^2 /NDF: 0.0/0

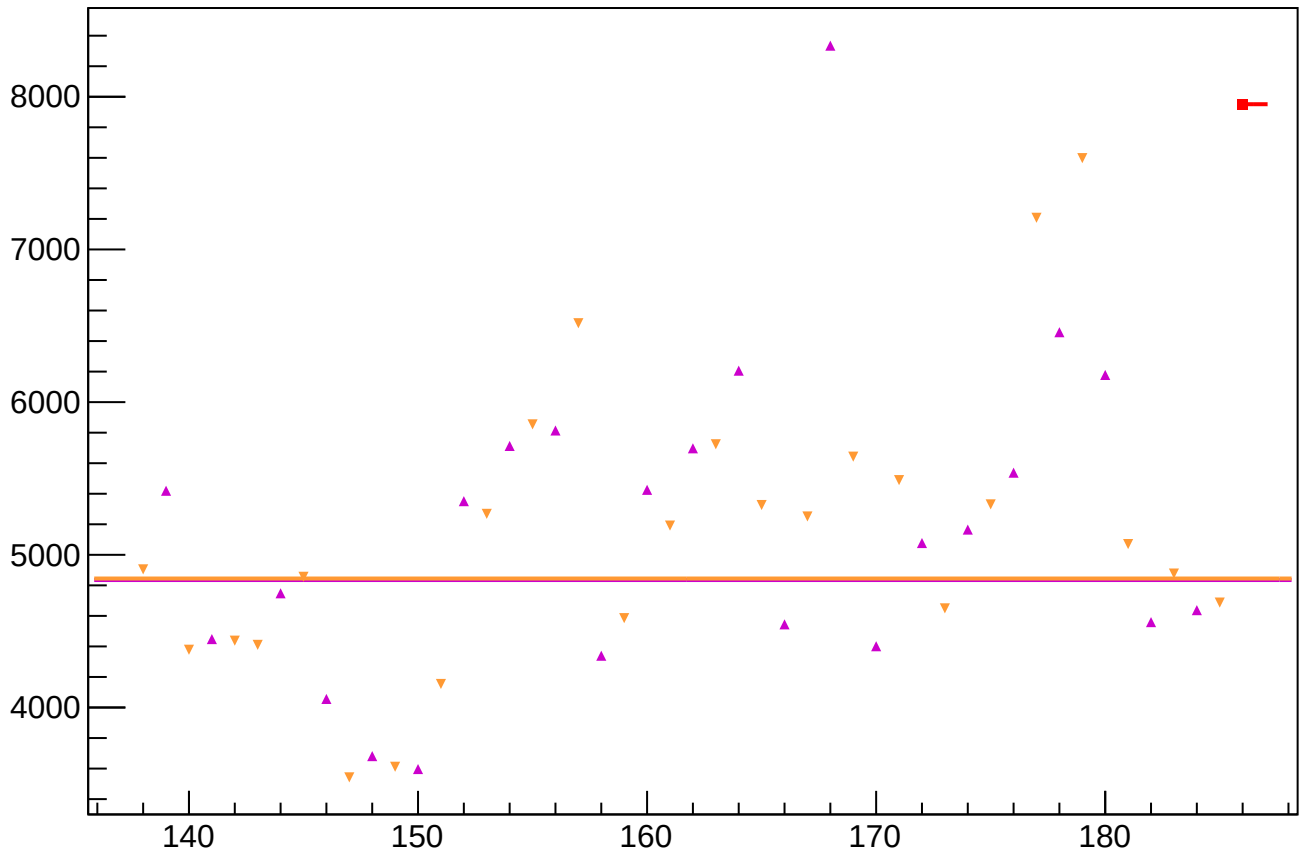
Left In: -150.621 $\pm$ 1175.216 χ^2 /NDF:14.2/22

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

All: -205.362 $\pm$ 822.393 χ^2 /NDF: 50.6/48

- sign 122.444 $\pm$ 1170.369 χ^2 /NDF: 20.7/23

asym_atr_avg_correction_rms vs Slug



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

Left Out: 4844.841+/-0.817 χ^2/NDF :1146931.0/24

Right Out: 7951.238+/-9.122 χ^2/NDF : 0.0/0

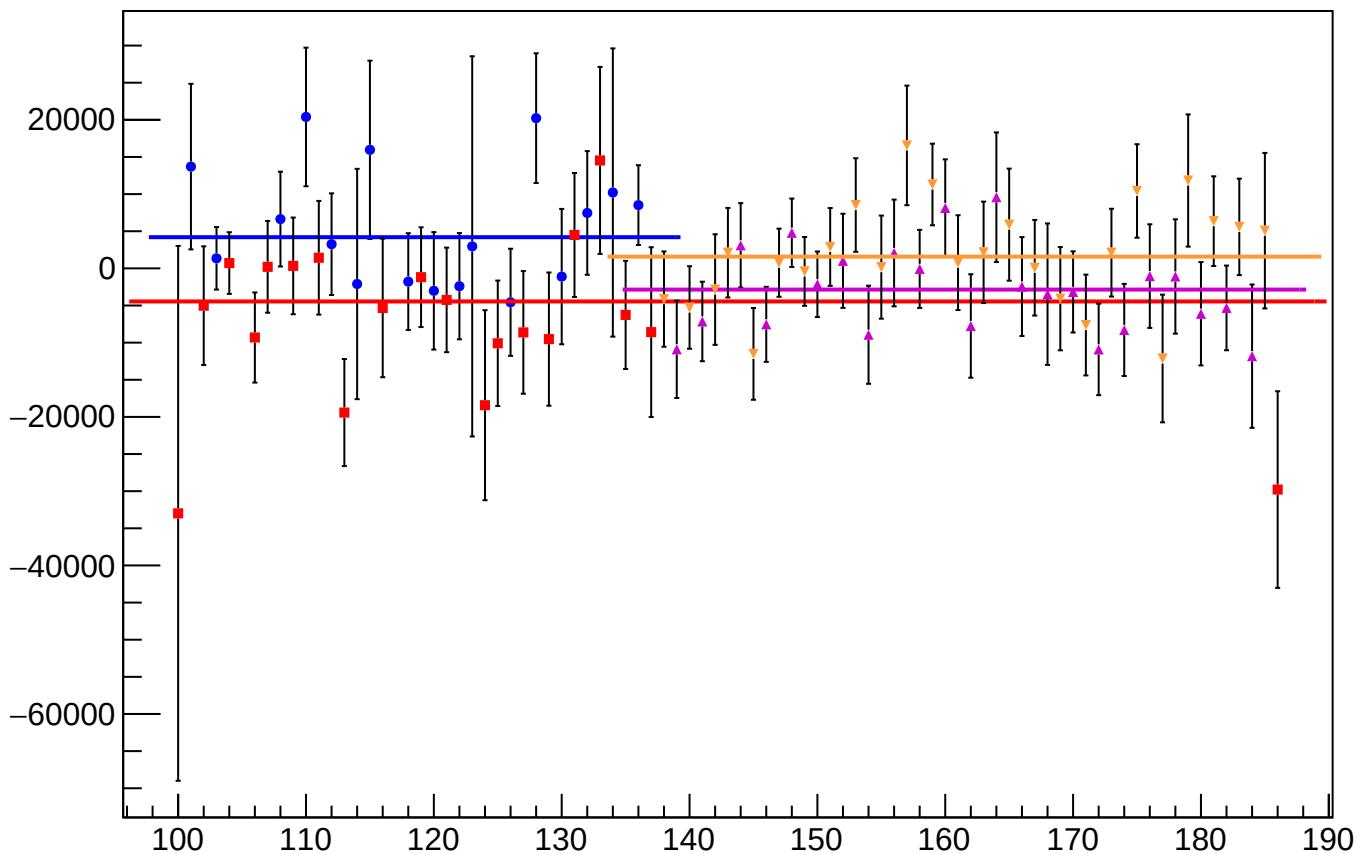
Left In: 4834.872+/-0.831 χ^2/NDF :1218691.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4852.583+/-0.582 χ^2/NDF : 2481555.0/48

- sign 4860.521+/-0.828 χ^2/NDF : 1334442.3/23

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

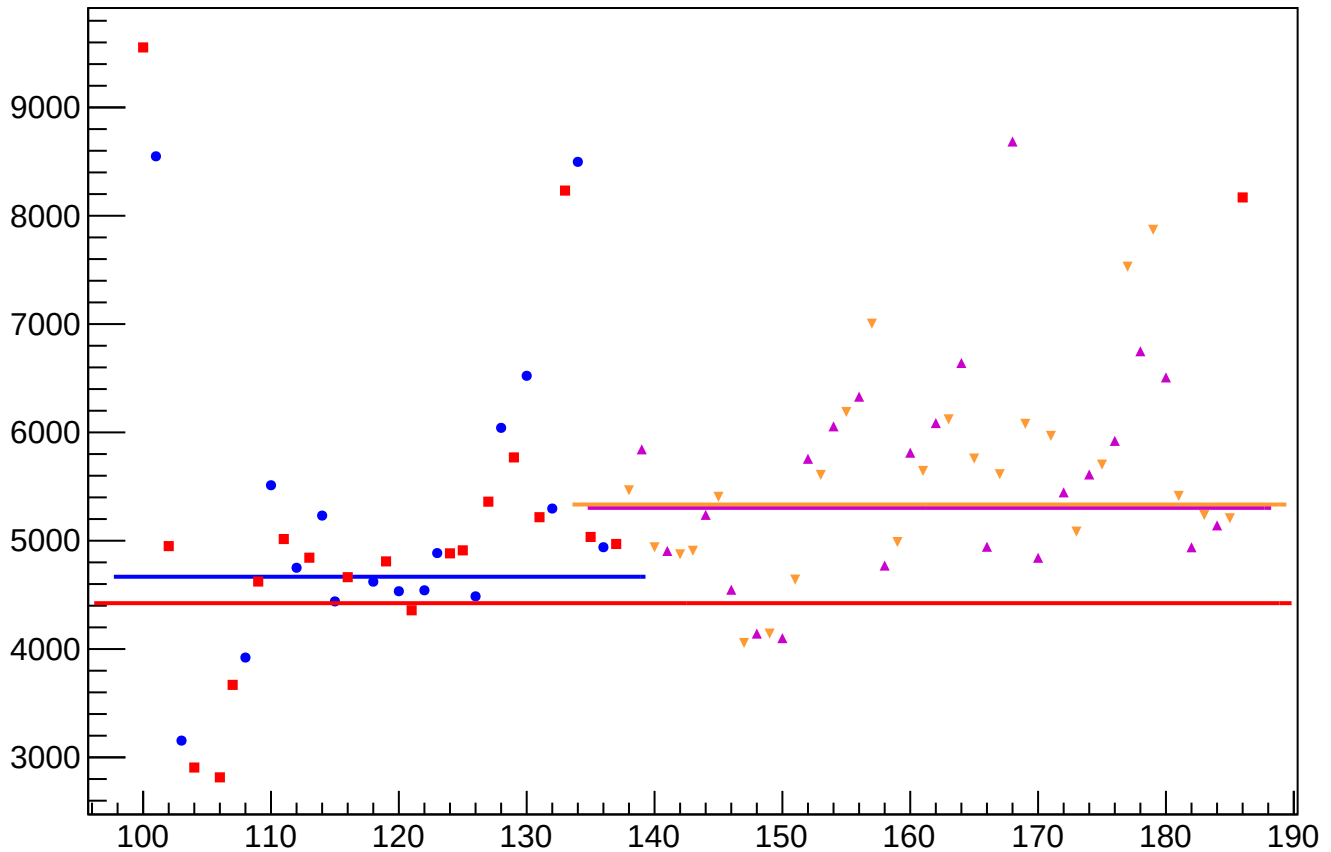
Left In: -2856.480+/-1284.131 χ^2/NDF : 18.1/22

+ 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

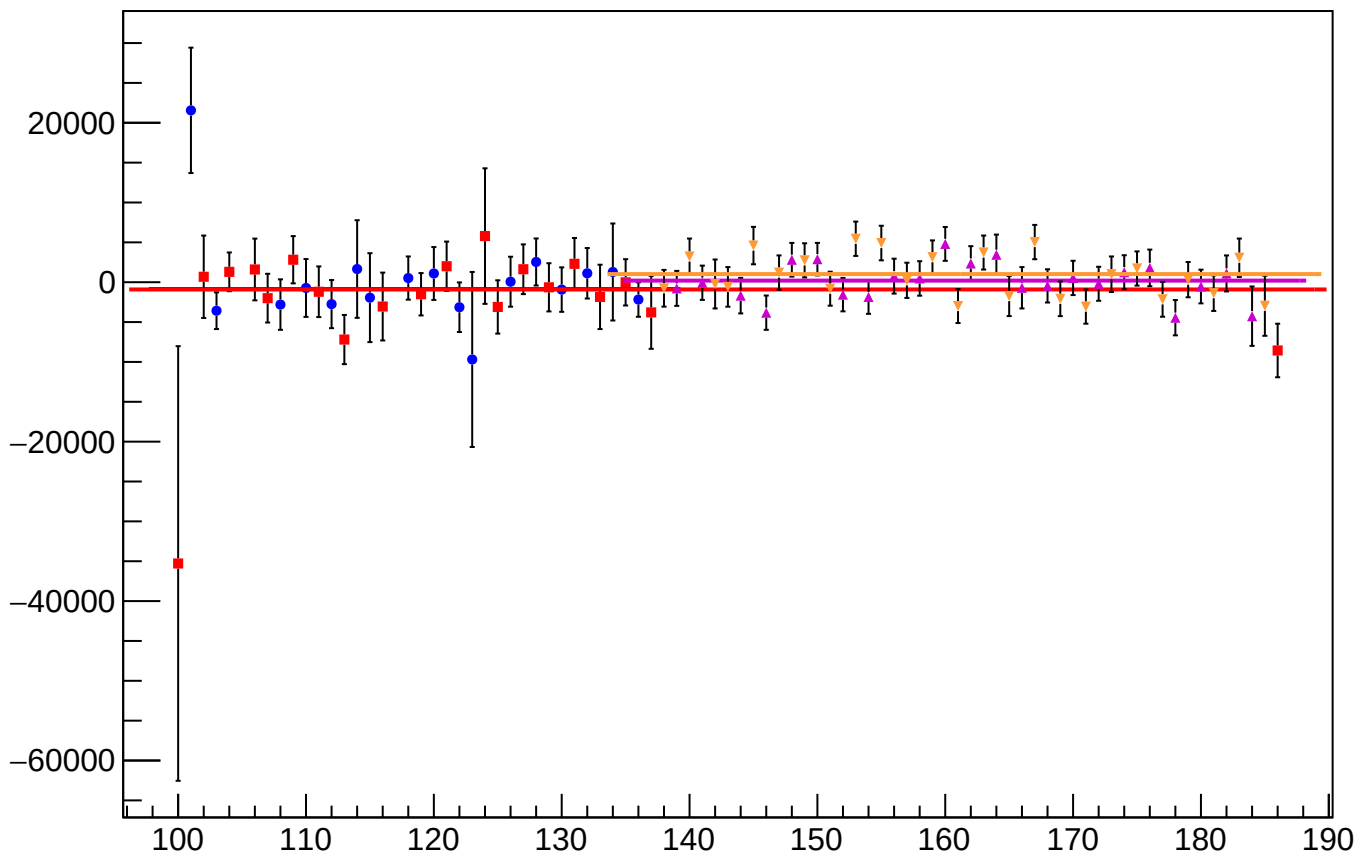
Left In: 5303.321+/-0.908 χ^2/NDF : 960356.0/22

+ 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: -860.655+/-797.010 χ^2/NDF : 14.6/16

Left Out: 1020.295+/-453.278 χ^2/NDF : 35.2/24

Right Out: -909.227+/-760.625 χ^2/NDF : 18.4/19

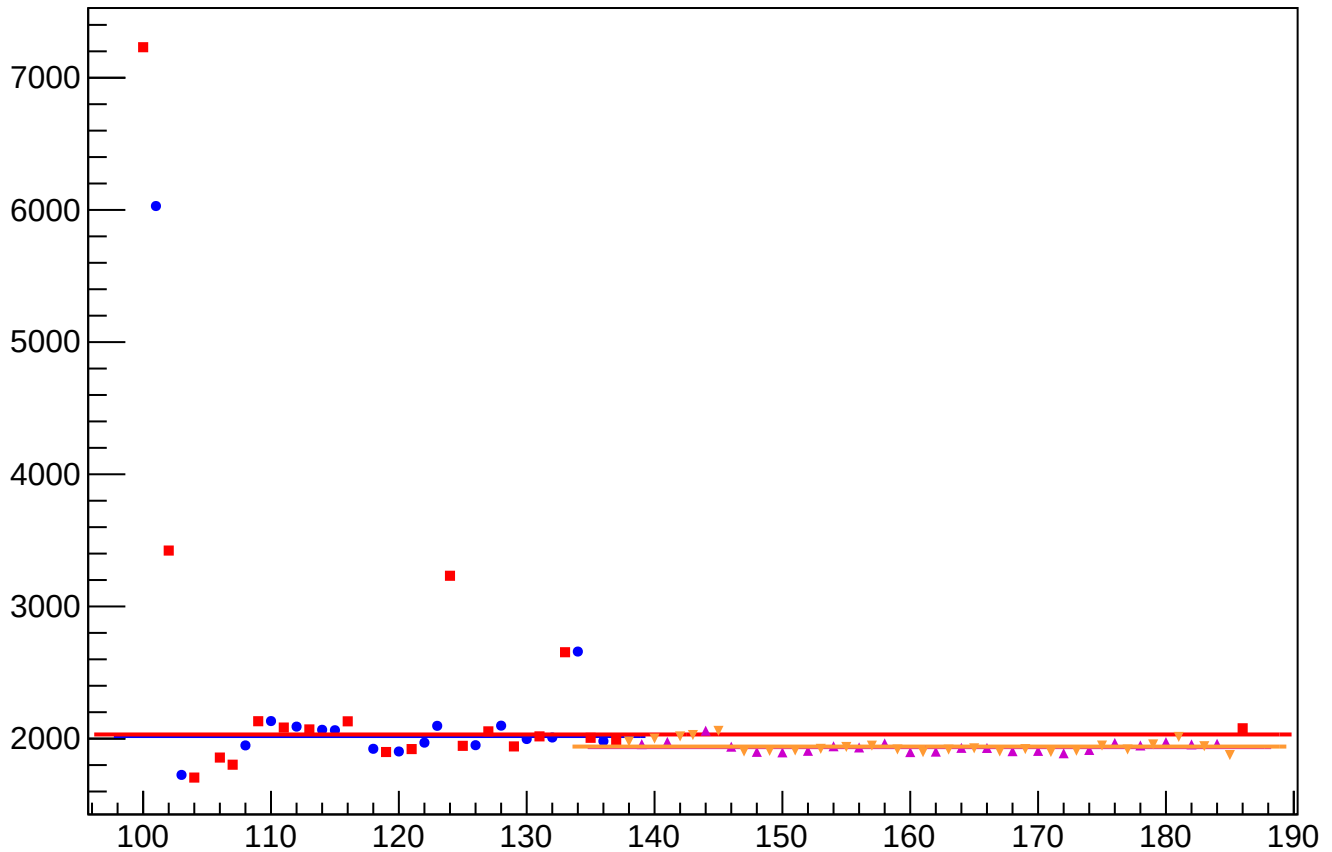
Left In: 201.463+/-461.744 χ^2/NDF : 23.9/22

+ sign 560.596+/-394.014 χ^2/NDF : 54.0/41

All: 232.064+/-278.855 χ^2/NDF : 99.3/84

- sign -97.628+/-394.708 χ^2/NDF : 43.9/42

dit_asym_atr_dd_rms vs Slug



Right In: 2019.624 $\pm$ 0.564 χ^2 /NDF: 587843.0/16

Left Out: 1939.945 $\pm$ 0.321 χ^2 /NDF: 18718.5/24

+ sign 1959.419 $\pm$ 0.279 χ^2 /NDF: 621665.3/41

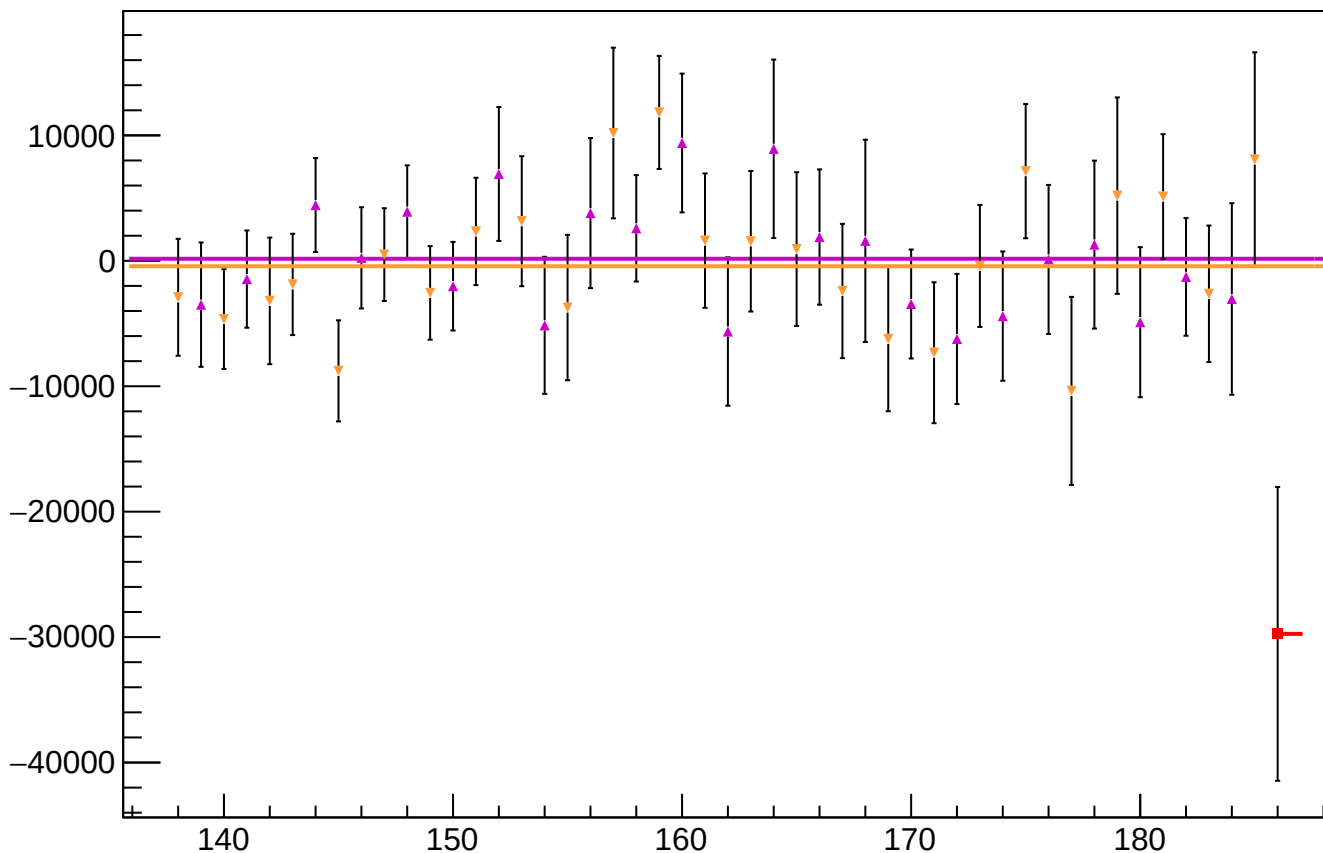
Right Out: 2031.516 $\pm$ 0.537 χ^2 /NDF: 372378.8/19

All: 1960.527 $\pm$ 0.197 χ^2 /NDF: 1030797.3/84

- sign 1961.638 $\pm$ 0.279 χ^2 /NDF: 409100.3/42

Left In: 1935.823 $\pm$ 0.327 χ^2 /NDF: 13548.9/22

asym_atr_dd_correction_mean vs Slug



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

Left Out: -432.080 ± 1001.105 χ^2/NDF : 27.2/24

Right Out: -29743.410 ± 11713.430 χ^2/NDF : 0.0/0

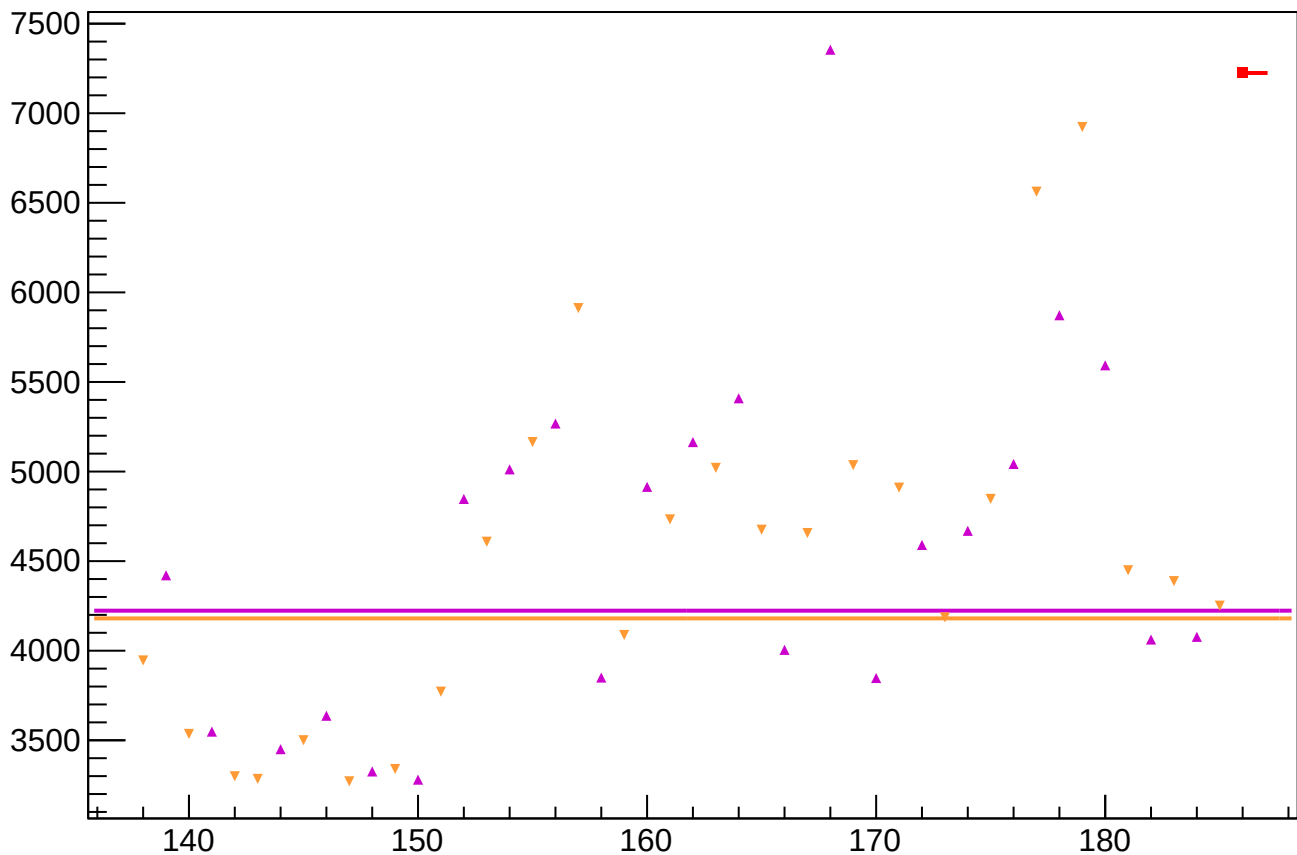
Left In: 163.422 ± 1028.720 χ^2/NDF : 16.1/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -253.065 ± 716.110 χ^2/NDF : 49.8/48

- sign -65.485 ± 1024.775 χ^2/NDF : 22.6/23

asym_atr_dd_correction_rms vs Slug



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

Left Out: 4180.398+/-0.708 χ^2/NDF :1376701.5/24

Right Out: 7224.668+/-8.283 χ^2/NDF : 0.0/0

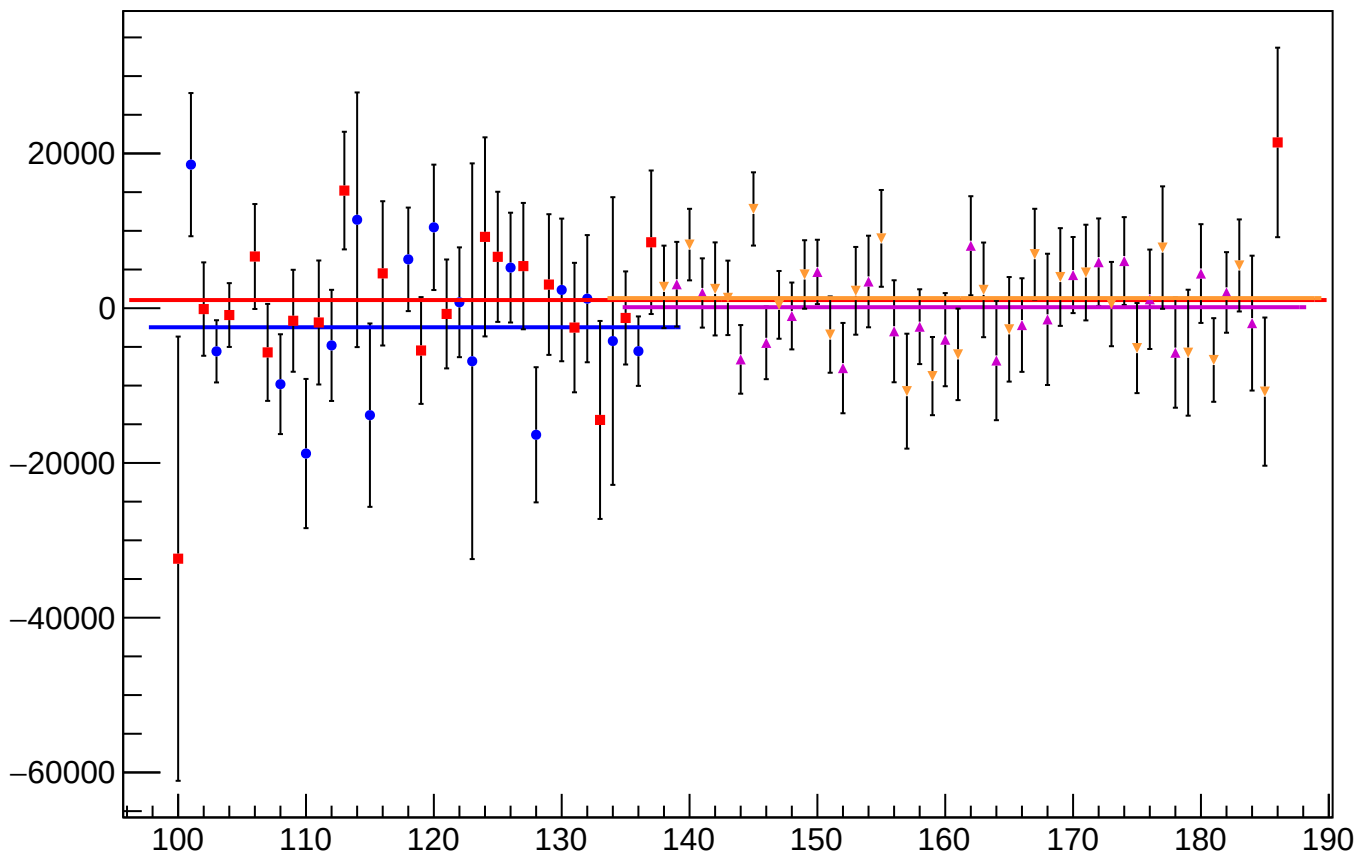
Left In: 4223.398+/-0.727 χ^2/NDF :1346399.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4212.613+/-0.506 χ^2/NDF : 2857639.1/48

- sign 4246.370+/-0.725 χ^2/NDF : 1476696.3/23

asym_atr_dd_mean vs Slug



Right In: -2462.254 ± 1797.293 χ^2/NDF : 20.8/16

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

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

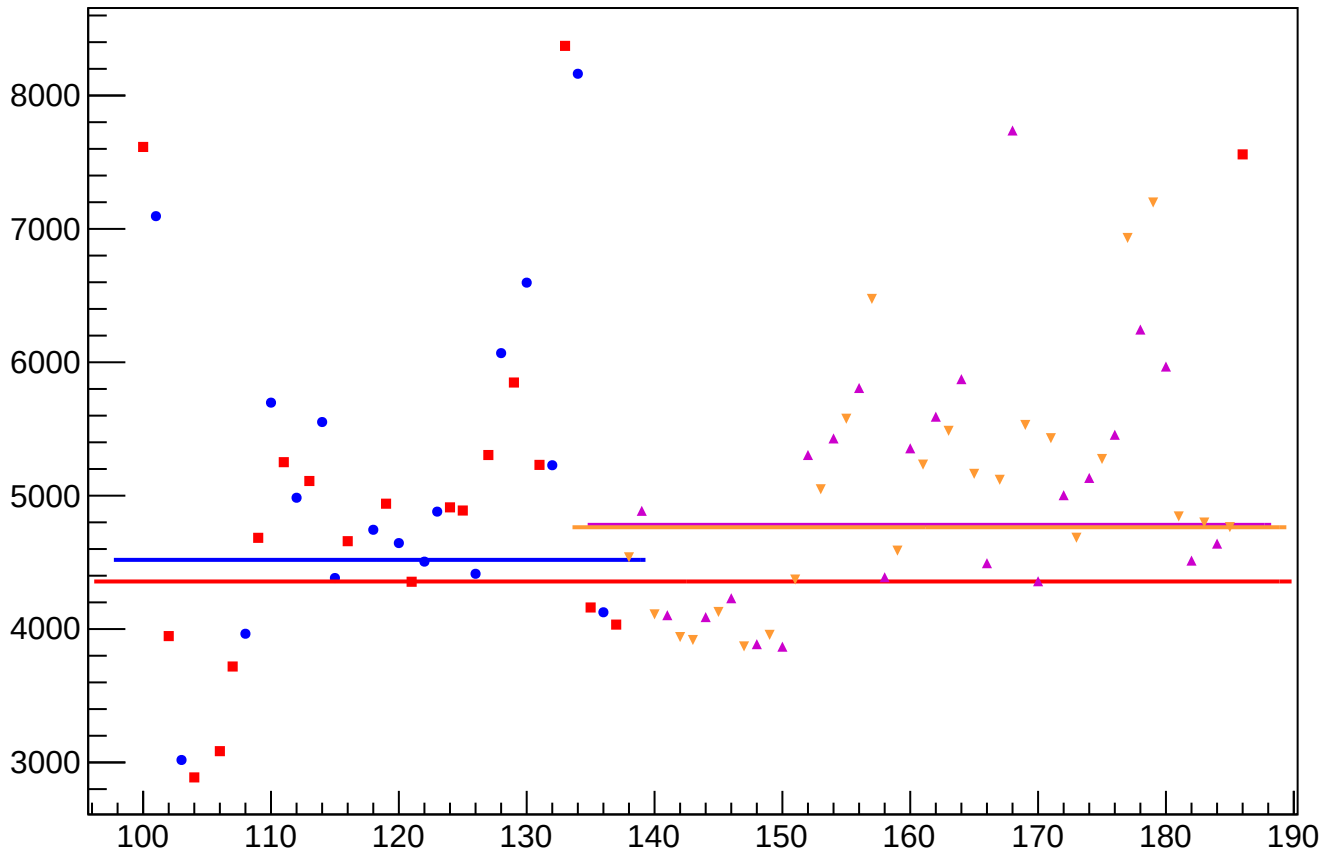
Left In: 131.428 ± 1157.282 χ^2/NDF : 14.9/22

+ sign 236.822 ± 957.615 χ^2/NDF : 52.1/41

All: 333.872 ± 675.119 χ^2/NDF : 81.9/84

- sign 429.775 ± 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

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

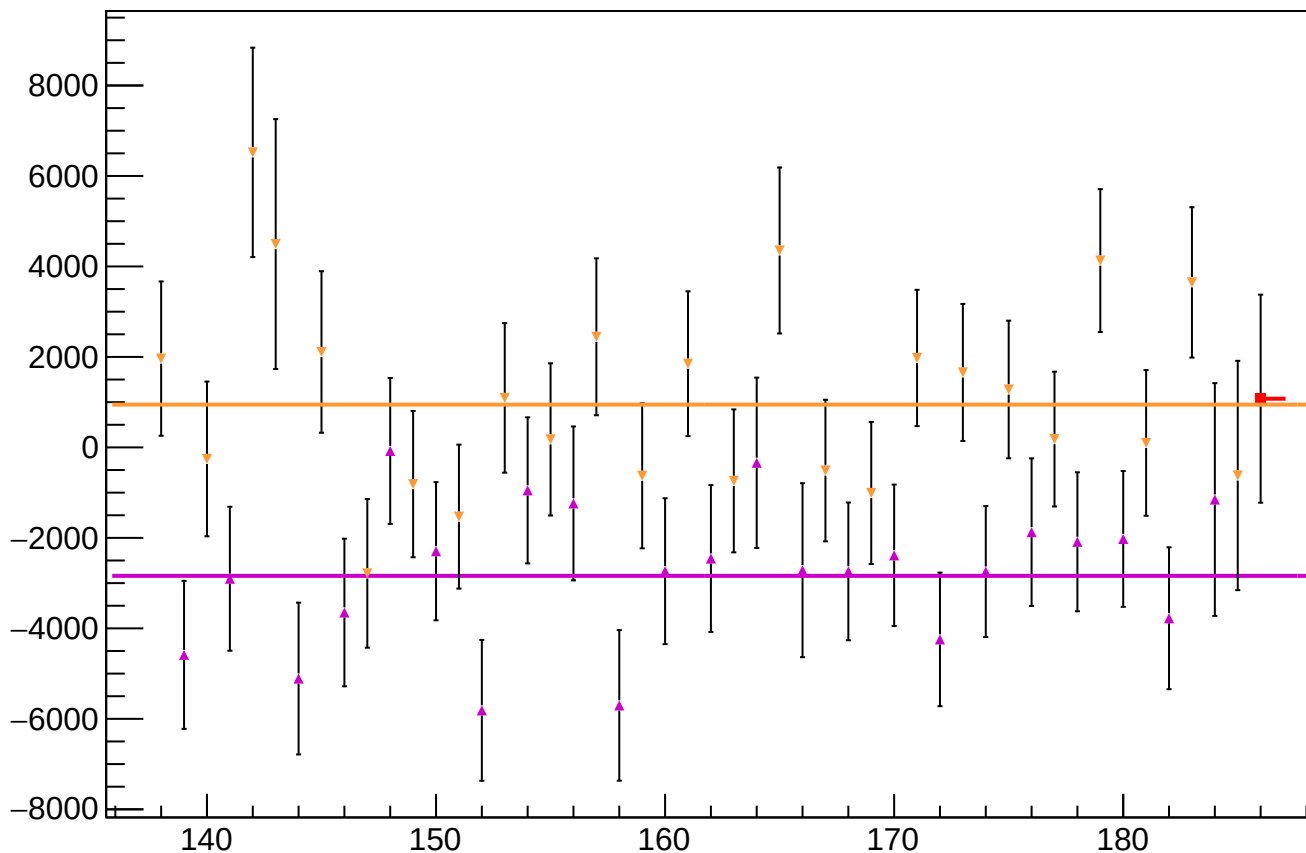
Right Out: 4356.659 $\pm$ 1.177 χ^2 /NDF: 910979.0/19

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

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

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

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 945.522+/-335.741 χ^2/NDF : 35.1/24

Right Out: 1076.667+/-2299.207 χ^2/NDF : 0.0/0

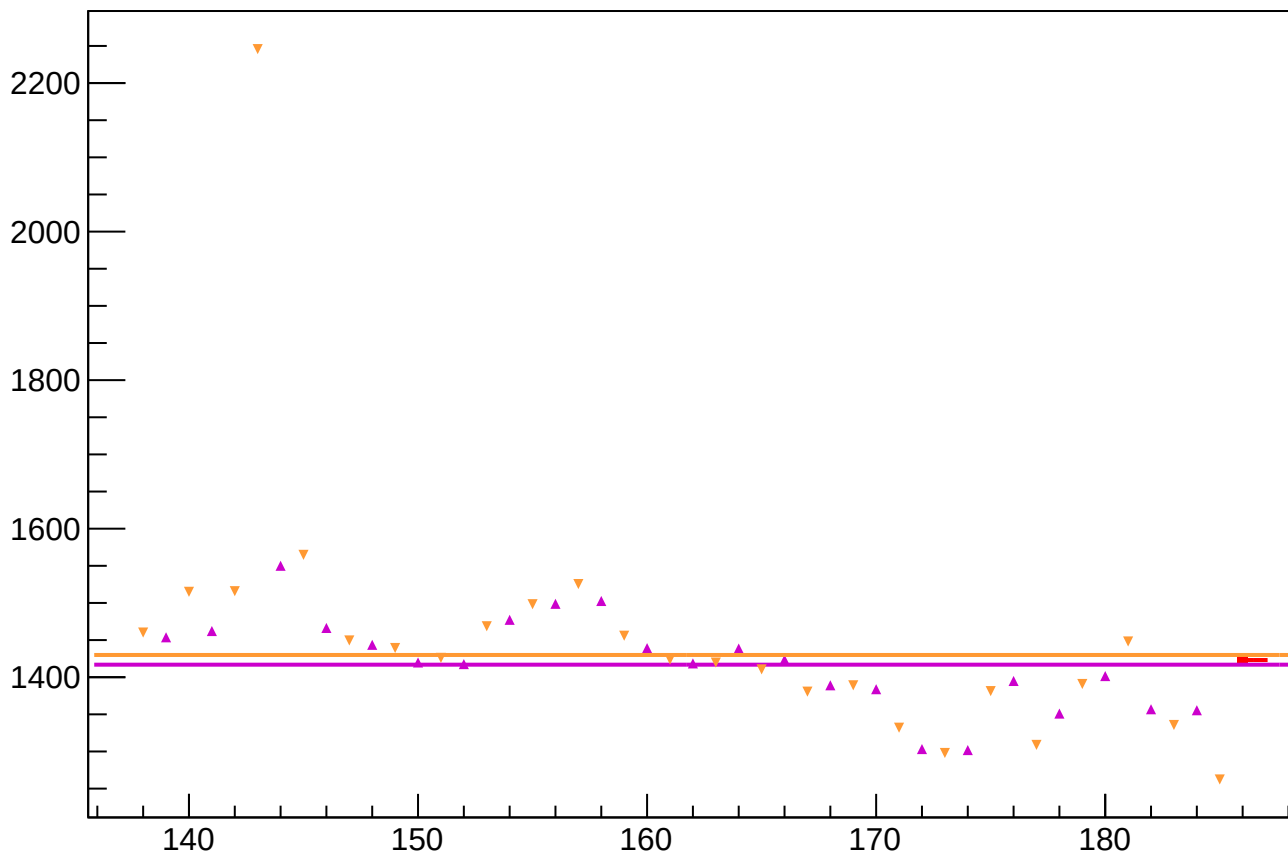
Left In: -2839.506+/-338.801 χ^2/NDF : 19.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -908.465+/-237.207 χ^2/NDF : 118.5/48

- sign -2756.279+/-335.182 χ^2/NDF : 22.5/23

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 1429.945+/-0.237 χ^2/NDF : 264824.6/24

Right Out: 1423.132+/-1.626 χ^2/NDF : 0.0/0

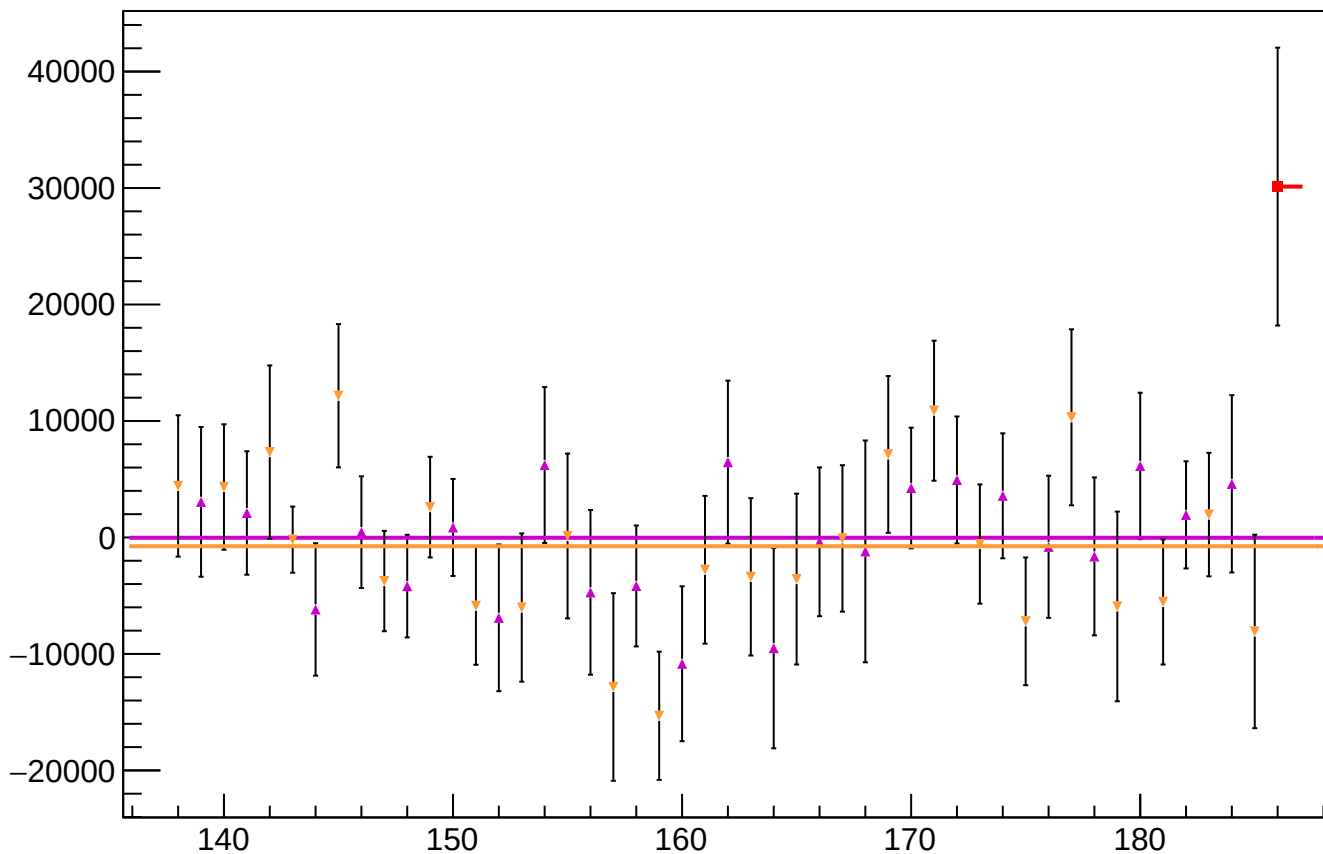
Left In: 1416.873+/-0.240 χ^2/NDF : 65421.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1423.465+/-0.168 χ^2/NDF : 331748.6/48

- sign 1417.006+/-0.237 χ^2/NDF : 65436.2/23

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

Left Out: -754.058+/-1118.796 χ^2/NDF :30.6/24

Right Out: 30124.155+/-11926.963 χ^2/NDF : 0.0/0

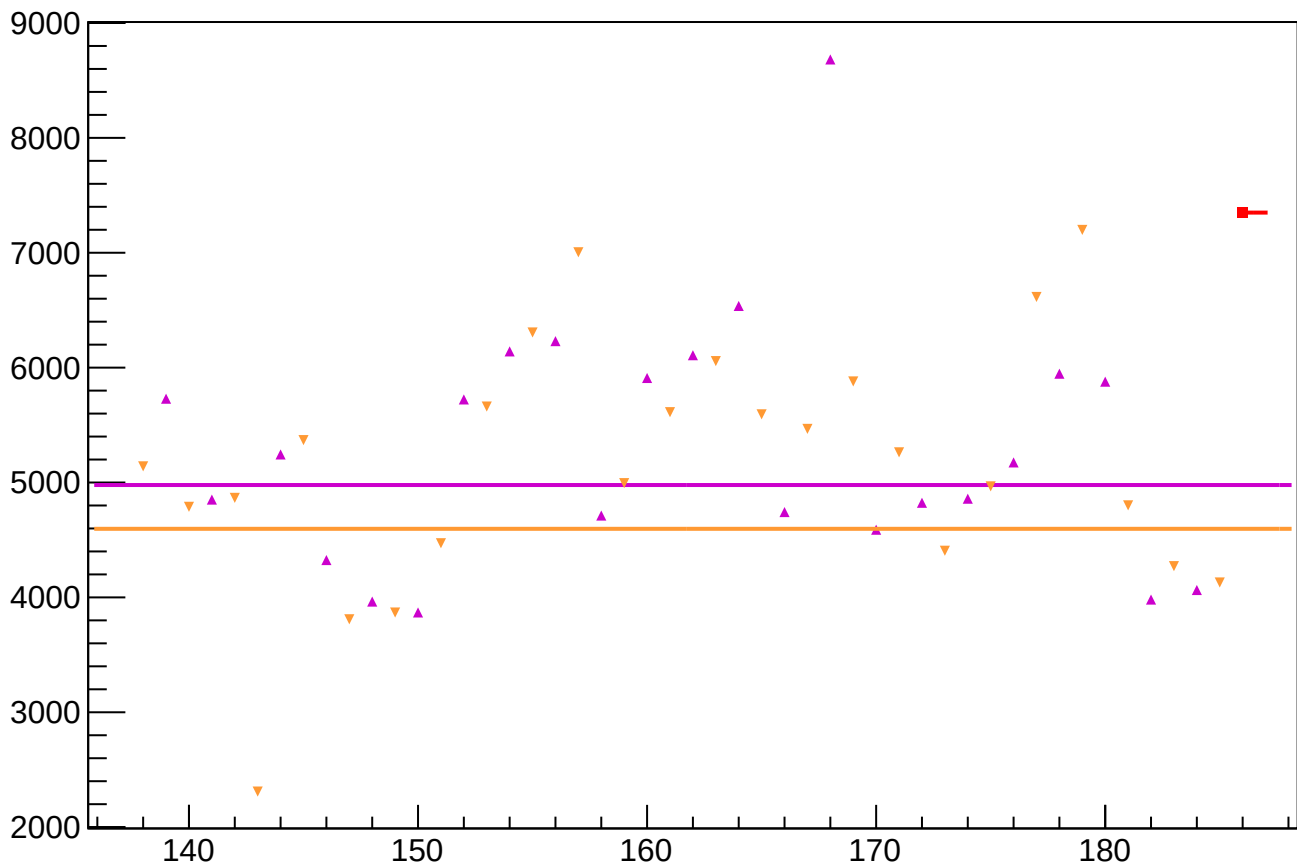
Left In: -25.920+/-1208.952 χ^2/NDF :13.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.064+/-819.194 χ^2/NDF : 51.2/48

- sign 280.706+/-1202.789 χ^2/NDF : 20.3/23

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



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

Left Out: 4596.997+/-0.791 χ^2/NDF : 2529395.4/24

Right Out: 7349.528+/-8.434 χ^2/NDF : 0.0/0

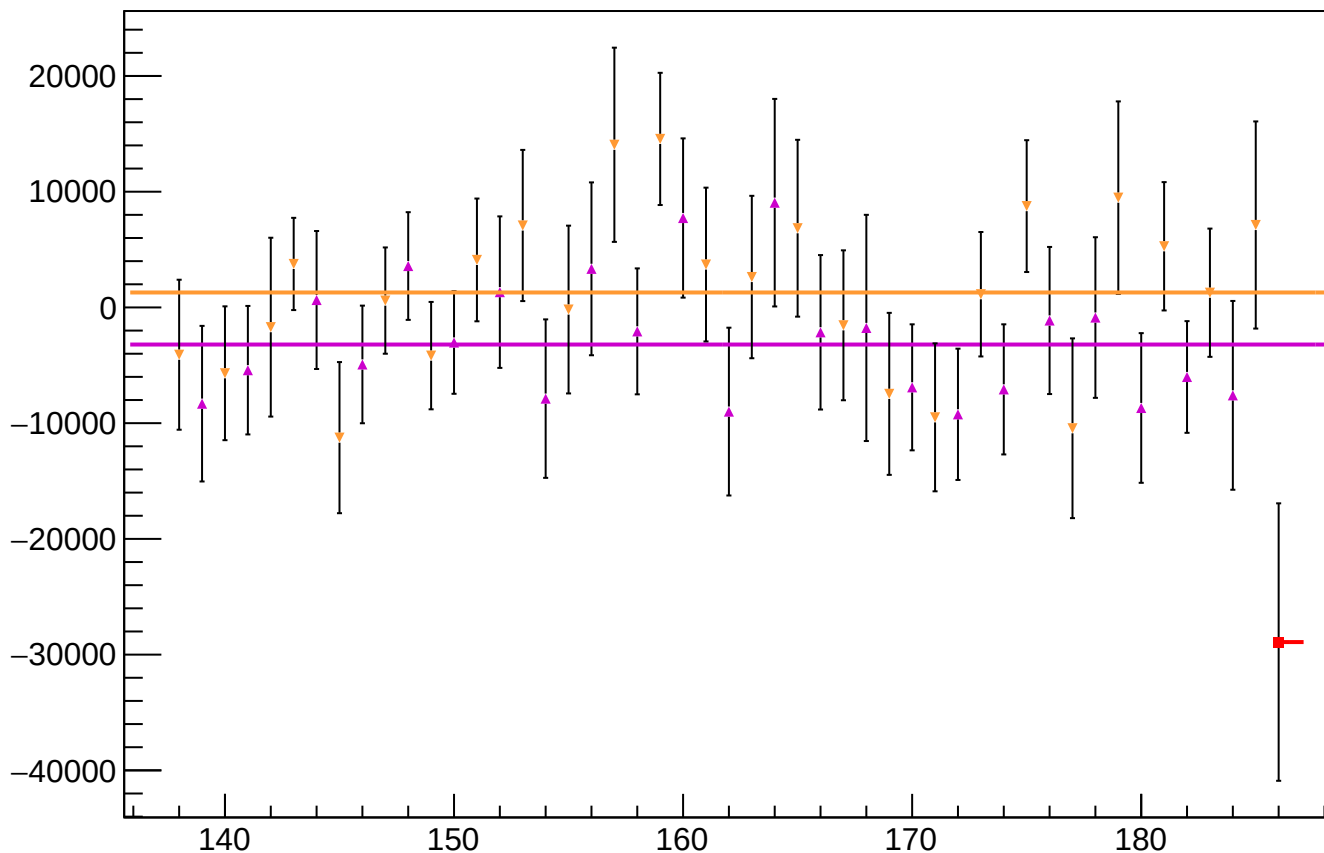
Left In: 4978.135+/-0.855 χ^2/NDF : 1157494.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4784.982+/-0.579 χ^2/NDF : 3886874.5/48

- sign 5002.252+/-0.851 χ^2/NDF : 1235754.3/23

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

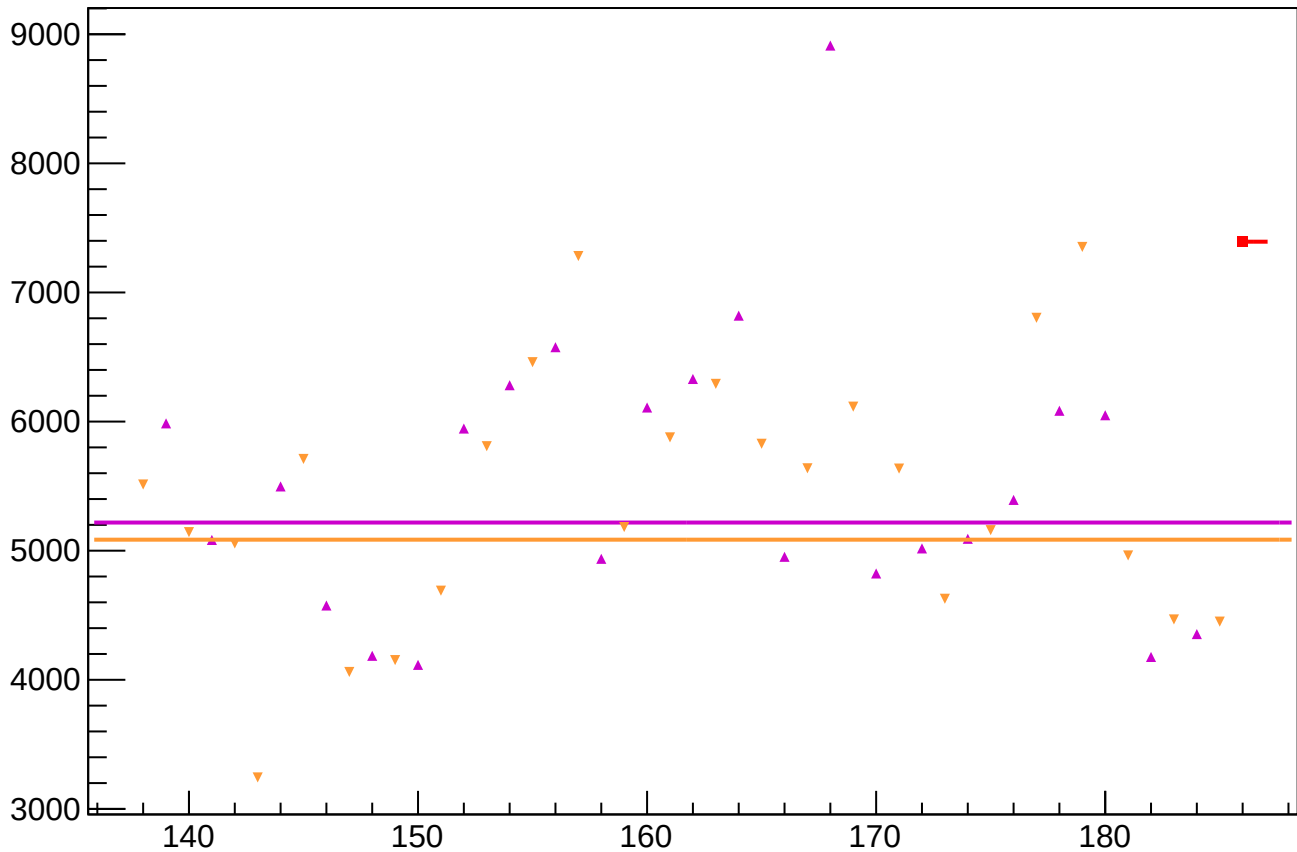
Left In: -3205.363+/-1265.586 χ^2/NDF :13.9/22

+ 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

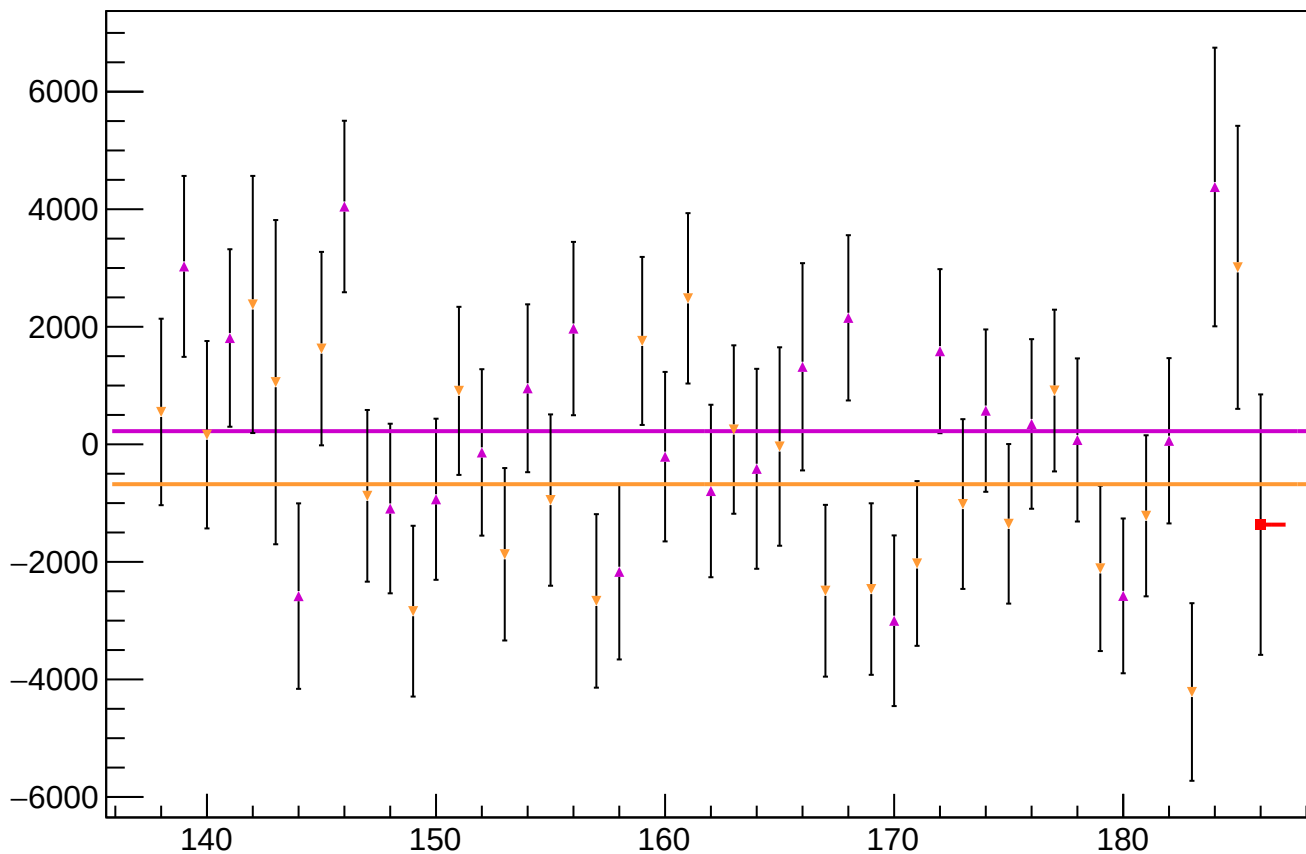
Left In: 5217.971+/-0.895 χ^2/NDF :1058996.1/22

+ 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: -678.239+/-304.647 χ^2/NDF : 34.0/24

Right Out: -1366.324+/-2215.765 χ^2/NDF : 0.0/0

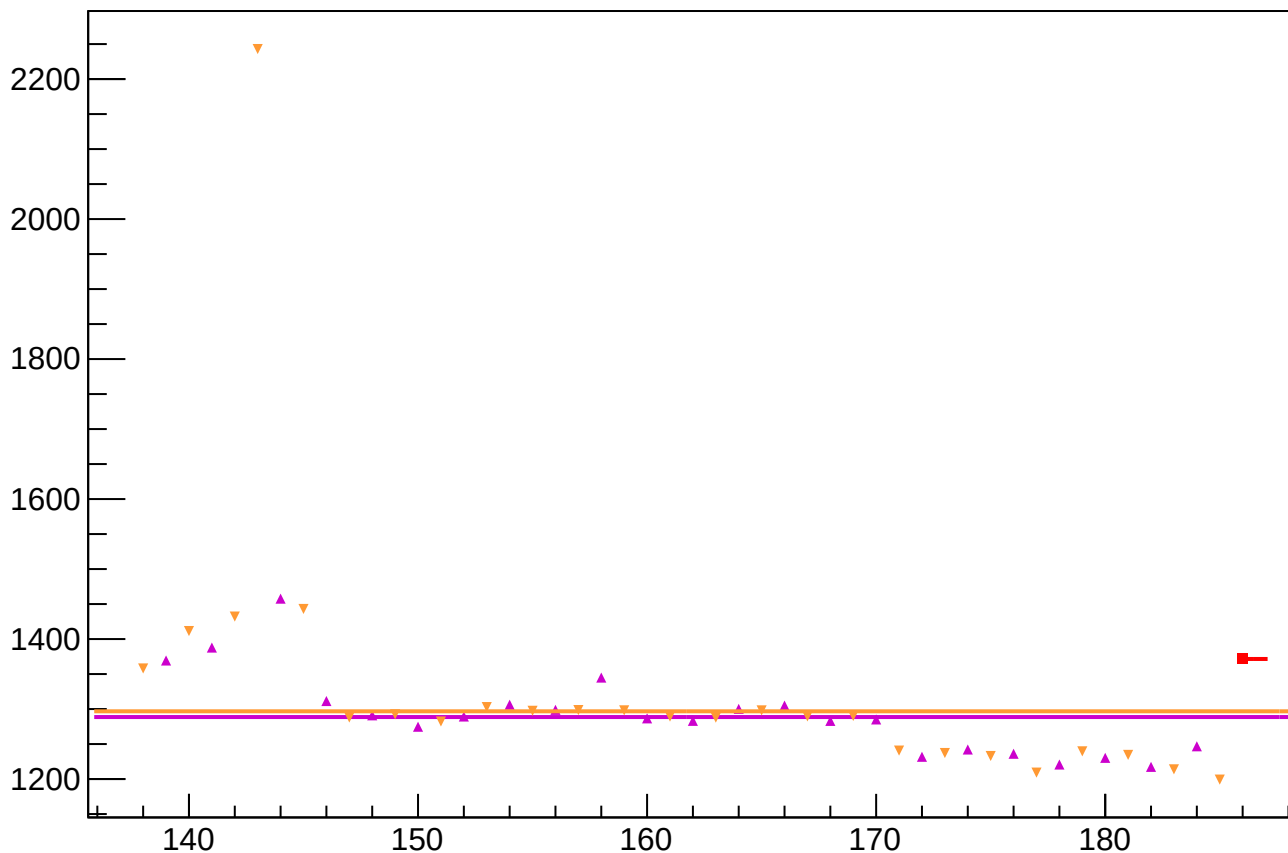
Left In: 224.118+/-308.124 χ^2/NDF : 36.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.919+/-215.609 χ^2/NDF : 75.5/48

- sign 193.946+/-305.187 χ^2/NDF : 37.4/23

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1296.780+/-0.215 χ^2/NDF : 308532.9/24

Right Out: 1371.548+/-1.567 χ^2/NDF : 0.0/0

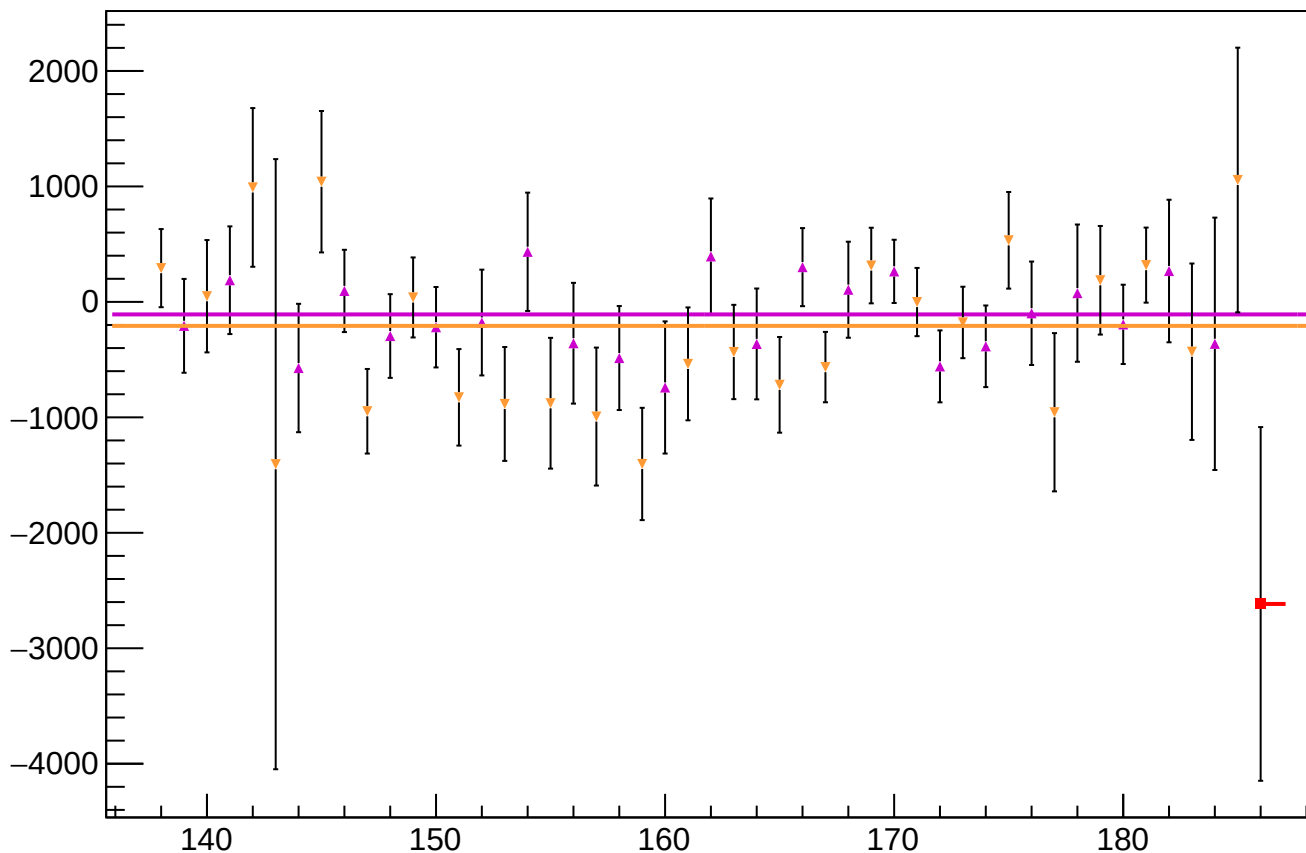
Left In: 1288.577+/-0.218 χ^2/NDF : 64066.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.472+/-0.152 χ^2/NDF : 375823.5/48

- sign 1290.151+/-0.216 χ^2/NDF : 66817.9/23

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: -207.768 $\pm$ 85.771 χ^2 /NDF:43.3/24

Right Out: -2616.181 $\pm$ 1531.713 χ^2 /NDF: 0.0/0

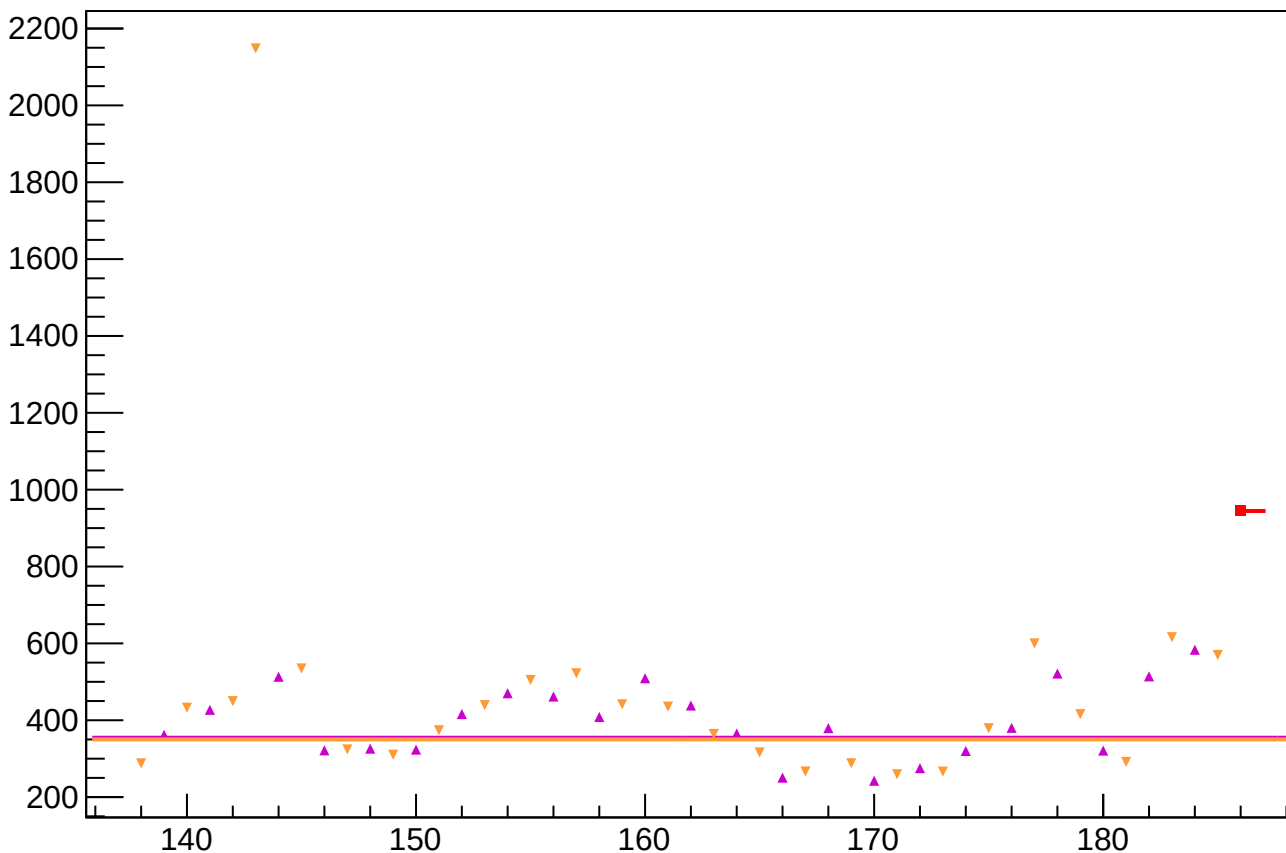
Left In: -108.502 $\pm$ 87.013 χ^2 /NDF:13.3/22

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

All: -162.750 $\pm$ 61.035 χ^2 /NDF: 59.9/48

- sign -116.568 $\pm$ 86.873 χ^2 /NDF: 16.0/23

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 350.207+/-0.061 χ^2/NDF :3098227.1/24

Right Out: 944.576+/-1.083 χ^2/NDF : 0.0/0

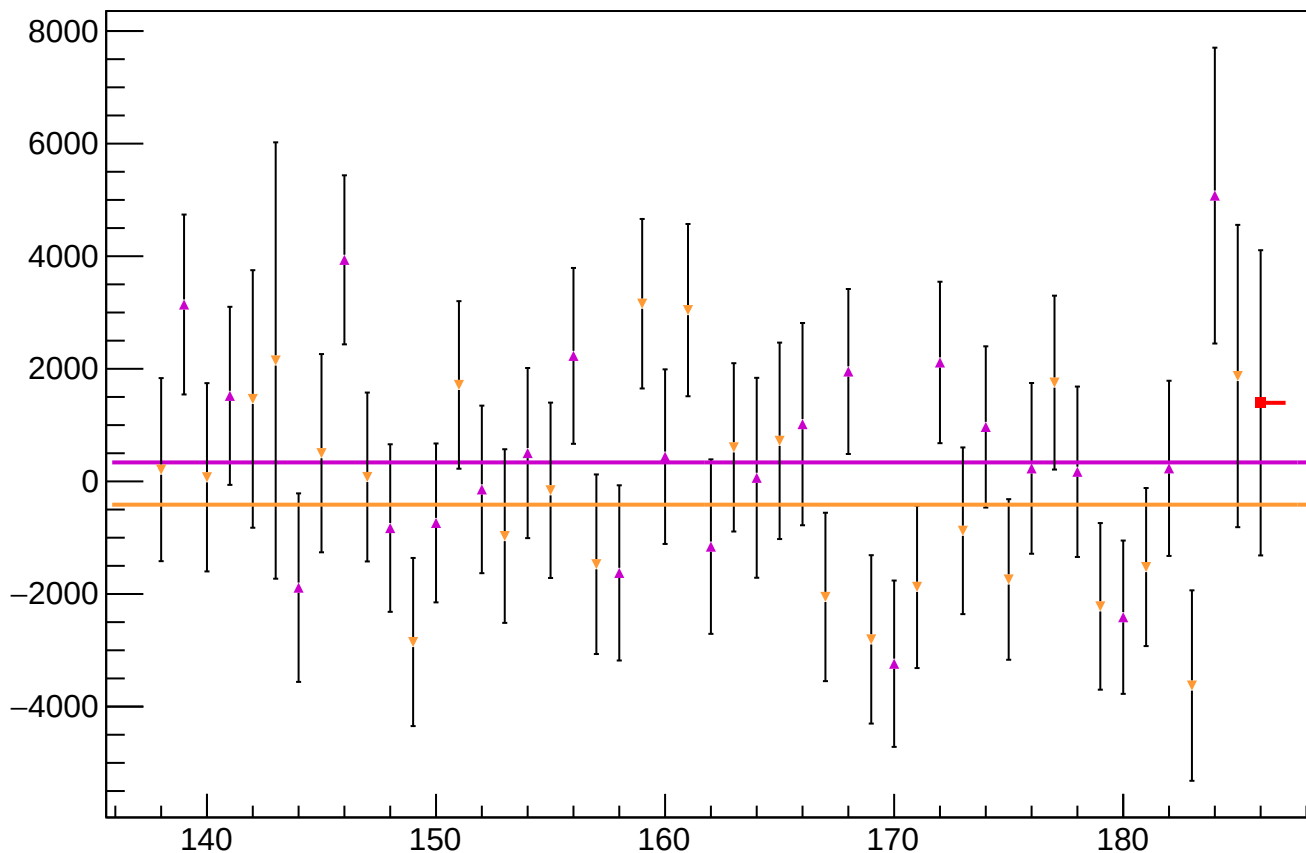
Left In: 354.460+/-0.062 χ^2/NDF :1794499.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.244+/-0.043 χ^2/NDF : 5193708.2/48

- sign 356.359+/-0.061 χ^2/NDF : 2090402.6/23

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -413.407 ± 320.677 $\chi^2/\text{NDF}: 32.8/24$

Right Out: 1395.825 ± 2710.818 $\chi^2/\text{NDF}: 0.0/0$

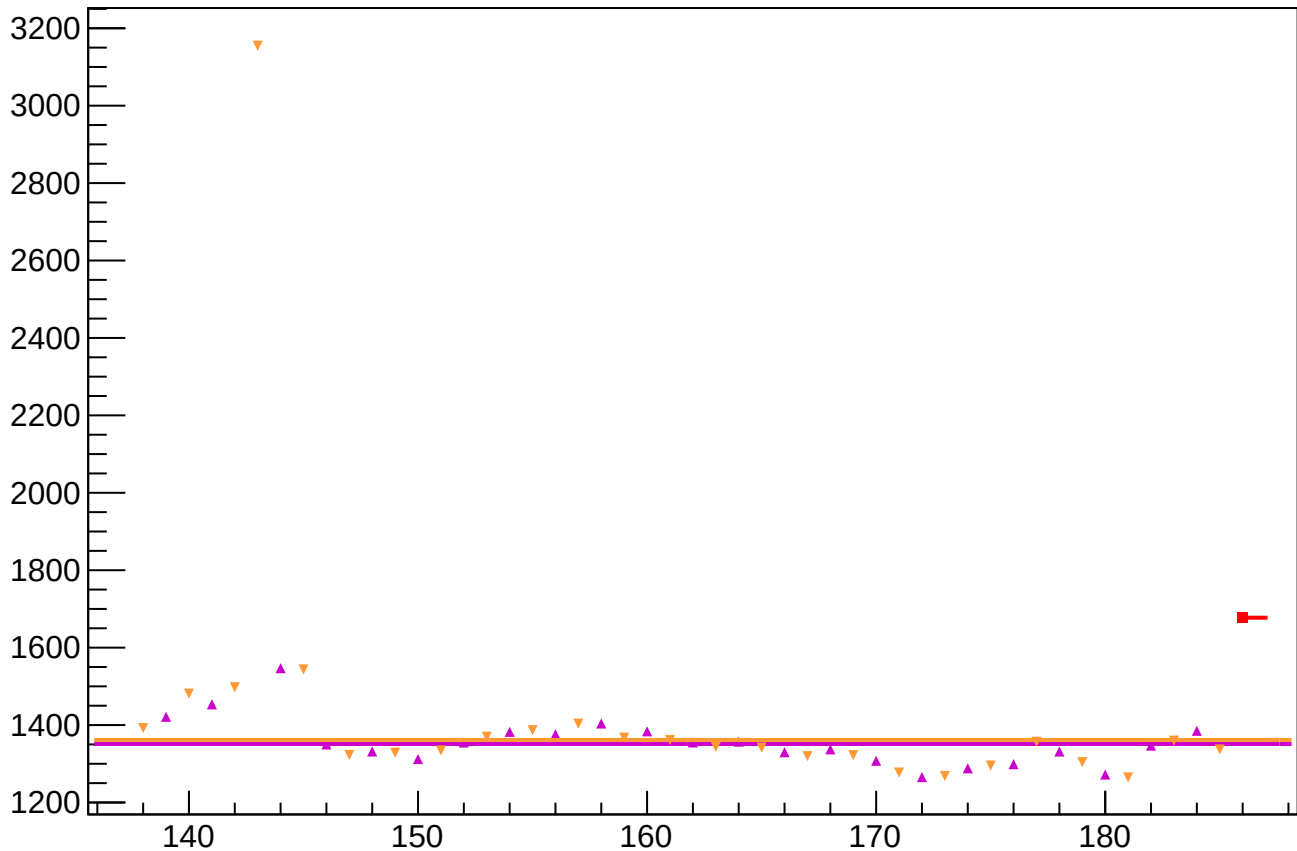
Left In: 337.193 ± 323.023 $\chi^2/\text{NDF}: 32.8/22$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -30.789 ± 226.780 $\chi^2/\text{NDF}: 68.6/48$

- sign 352.014 ± 320.754 $\chi^2/\text{NDF}: 32.9/23$

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

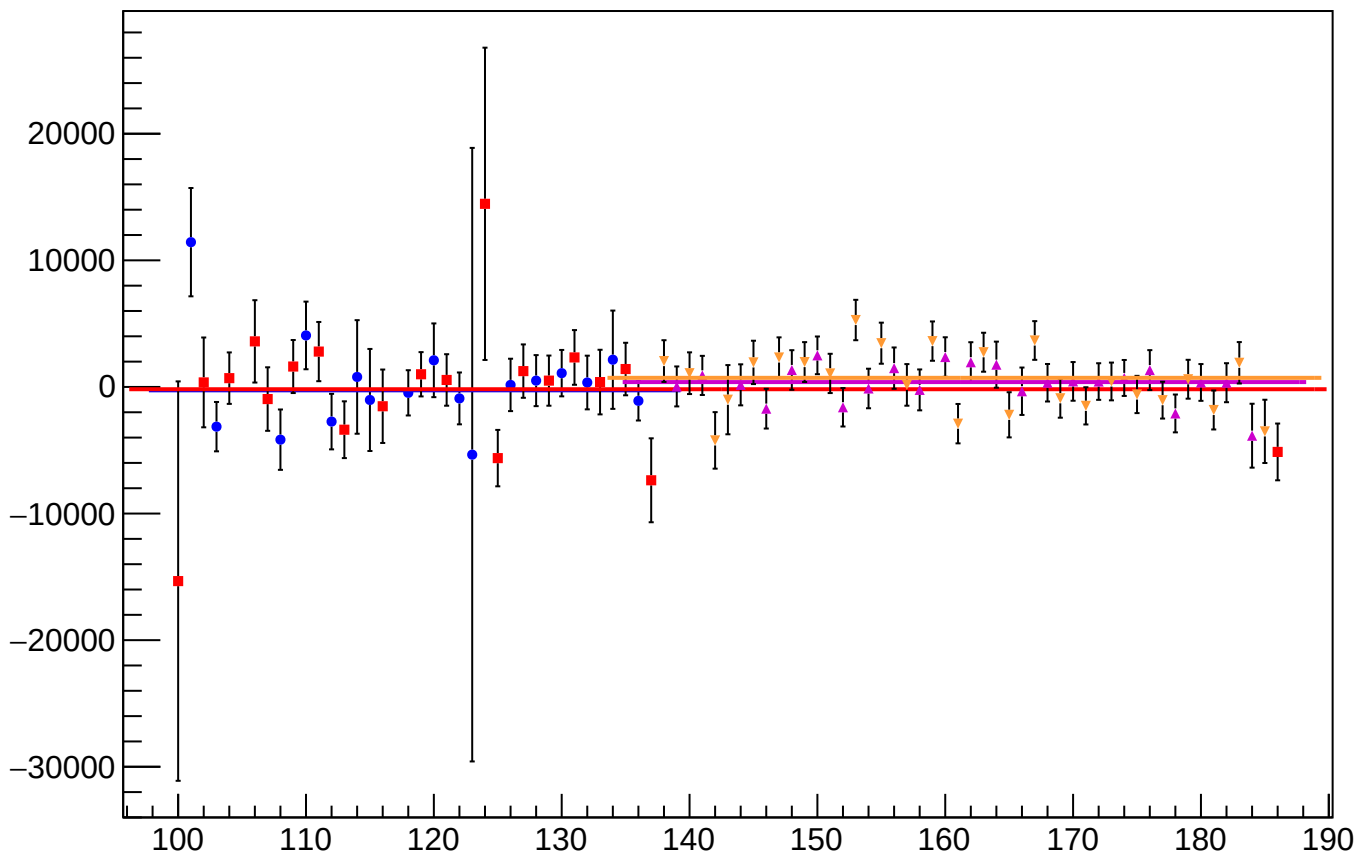
Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

+ 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: -266.664 ± 567.455 χ^2/NDF : 18.6/16

Left Out: 719.996 ± 325.895 χ^2/NDF : 48.2/24

Right Out: -180.549 ± 538.020 χ^2/NDF : 27.3/19

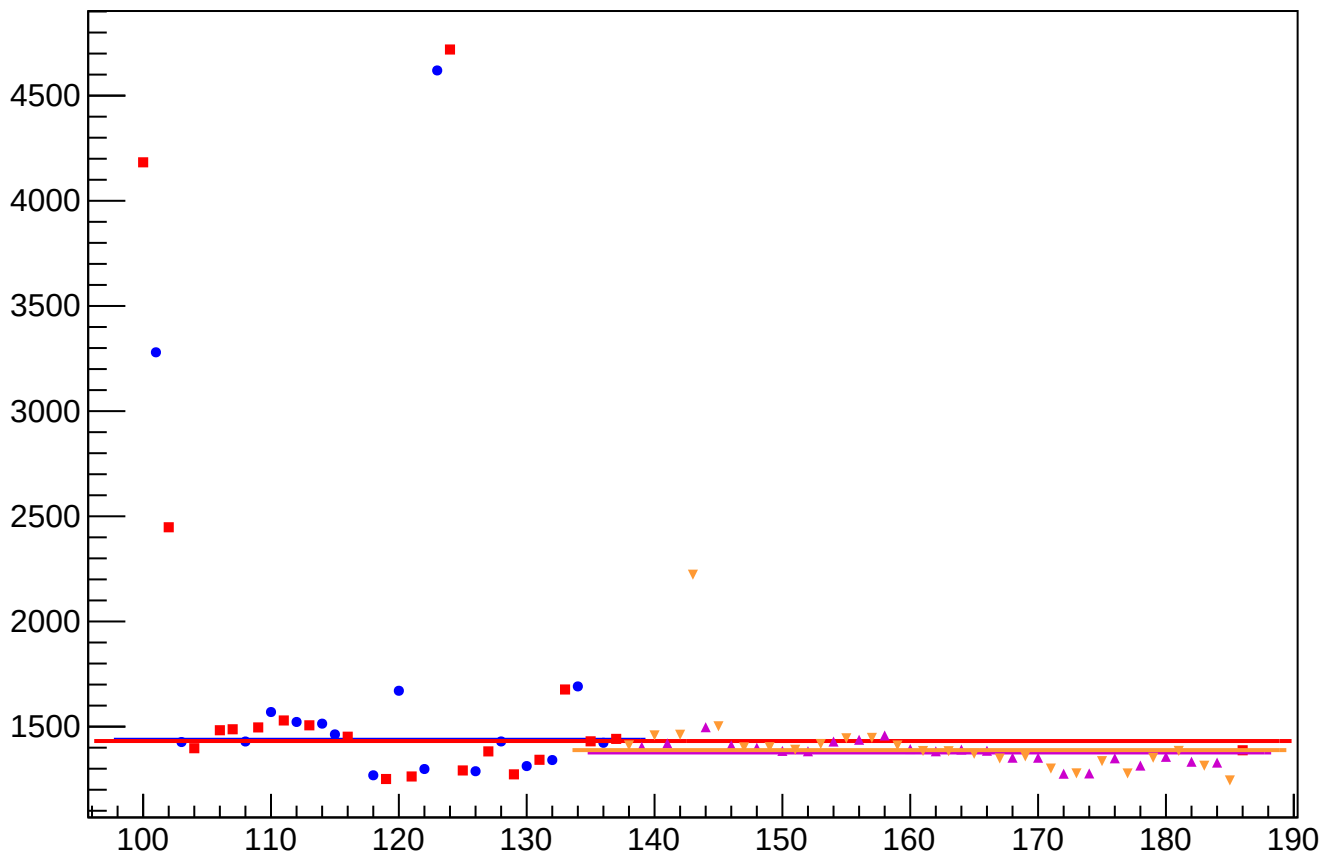
Left In: 384.154 ± 329.218 χ^2/NDF : 16.1/22

+ sign 475.279 ± 282.605 χ^2/NDF : 69.1/41

All: 352.019 ± 199.196 χ^2/NDF : 113.6/84

- sign 230.315 ± 280.816 χ^2/NDF : 44.2/42

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1437.576 $\pm$ 0.401 χ^2 /NDF: 486465.9/16

Left Out: 1388.373 $\pm$ 0.230 χ^2 /NDF: 253925.2/24

Right Out: 1431.593 $\pm$ 0.380 χ^2 /NDF: 456425.1/19

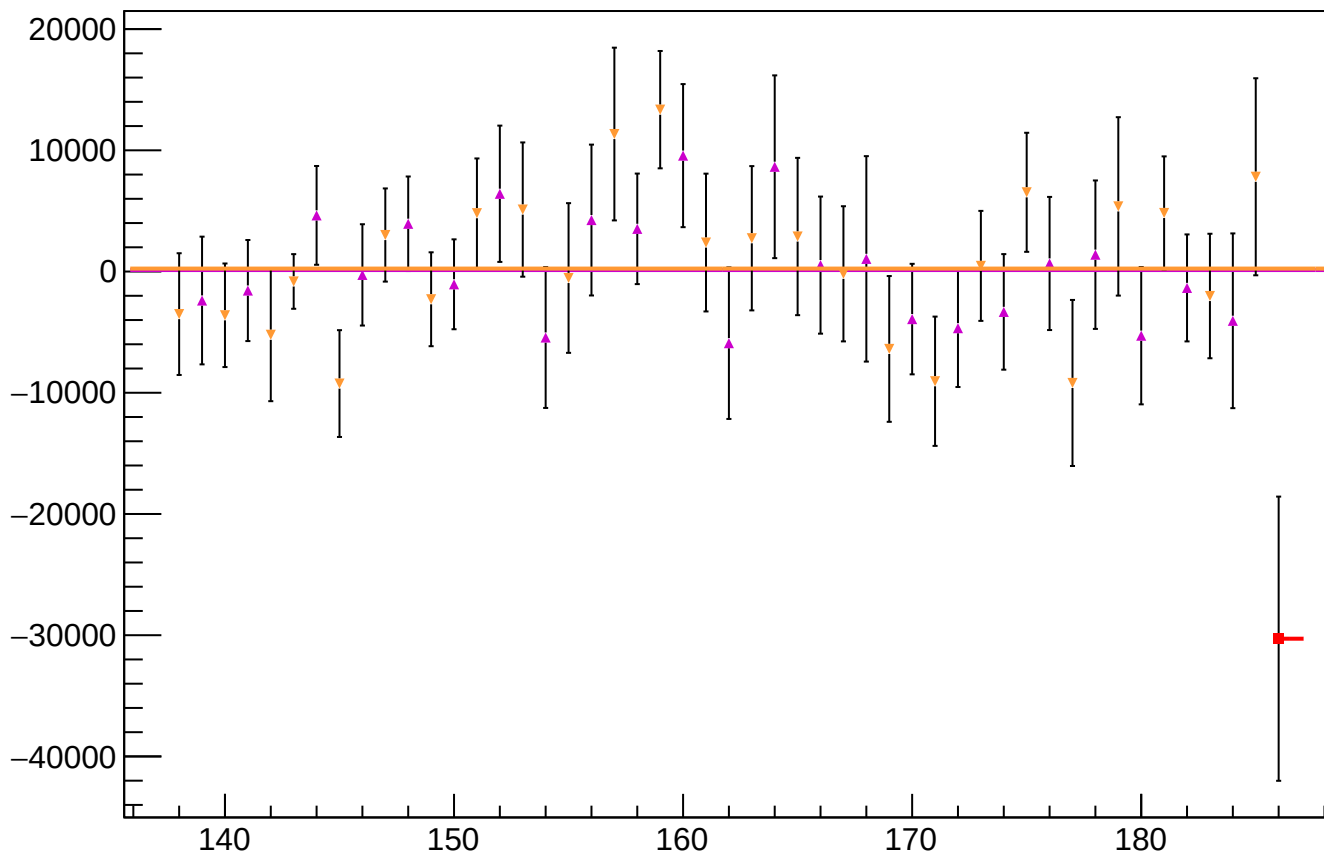
Left In: 1377.178 $\pm$ 0.233 χ^2 /NDF: 52477.1/22

+ sign 1400.577 $\pm$ 0.200 χ^2 /NDF: 751698.6/41

All: 1396.268 $\pm$ 0.141 χ^2 /NDF: 1276422.0/84

- sign 1392.015 $\pm$ 0.199 χ^2 /NDF: 523799.5/42

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: 244.145 $\pm$ 958.930 χ^2 /NDF:30.5/24

Right Out: -30287.924 $\pm$ 11722.190 χ^2 /NDF: 0.0/0

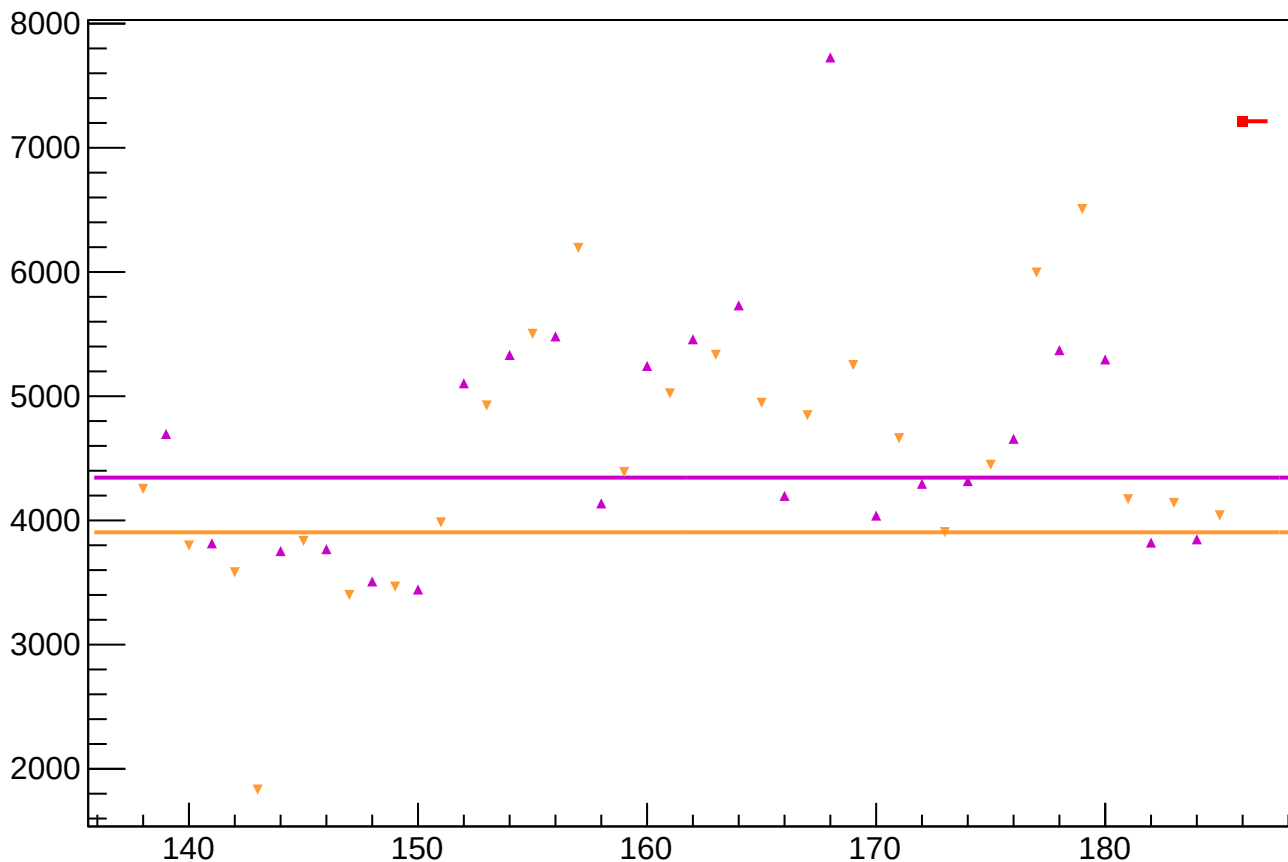
Left In: 123.071 $\pm$ 1055.240 χ^2 /NDF:14.3/22

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

All: 78.085 $\pm$ 708.381 χ^2 /NDF: 51.6/48

- sign -121.390 $\pm$ 1050.990 χ^2 /NDF: 21.0/23

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

Left Out: 3904.444+/-0.678 χ^2/NDF :3111666.2/24

Right Out: 7213.734+/-8.289 χ^2/NDF : 0.0/0

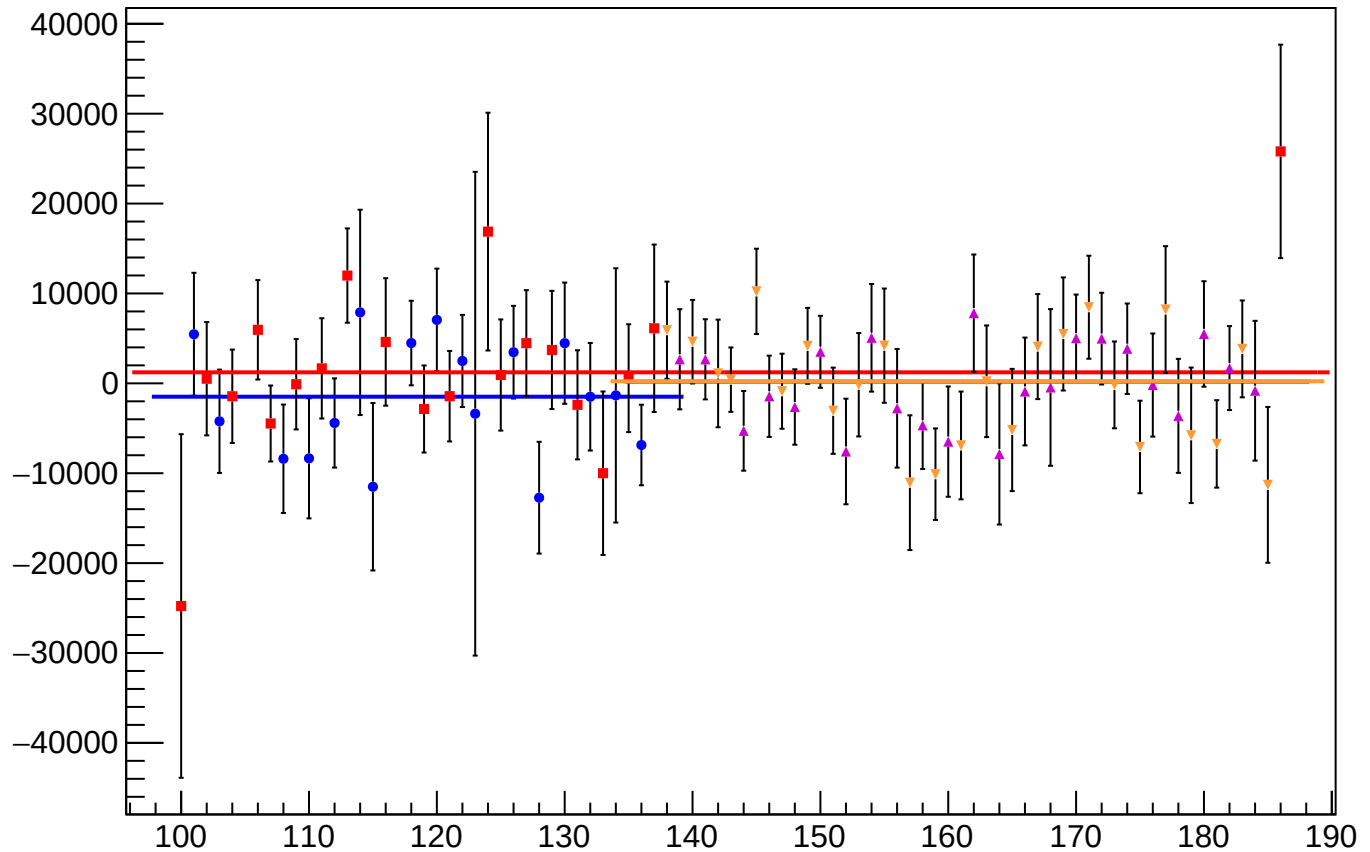
Left In: 4344.640+/-0.746 χ^2/NDF :1160183.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4114.899+/-0.501 χ^2/NDF : 4602750.0/48

- sign 4367.703+/-0.743 χ^2/NDF : 1279032.7/23

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

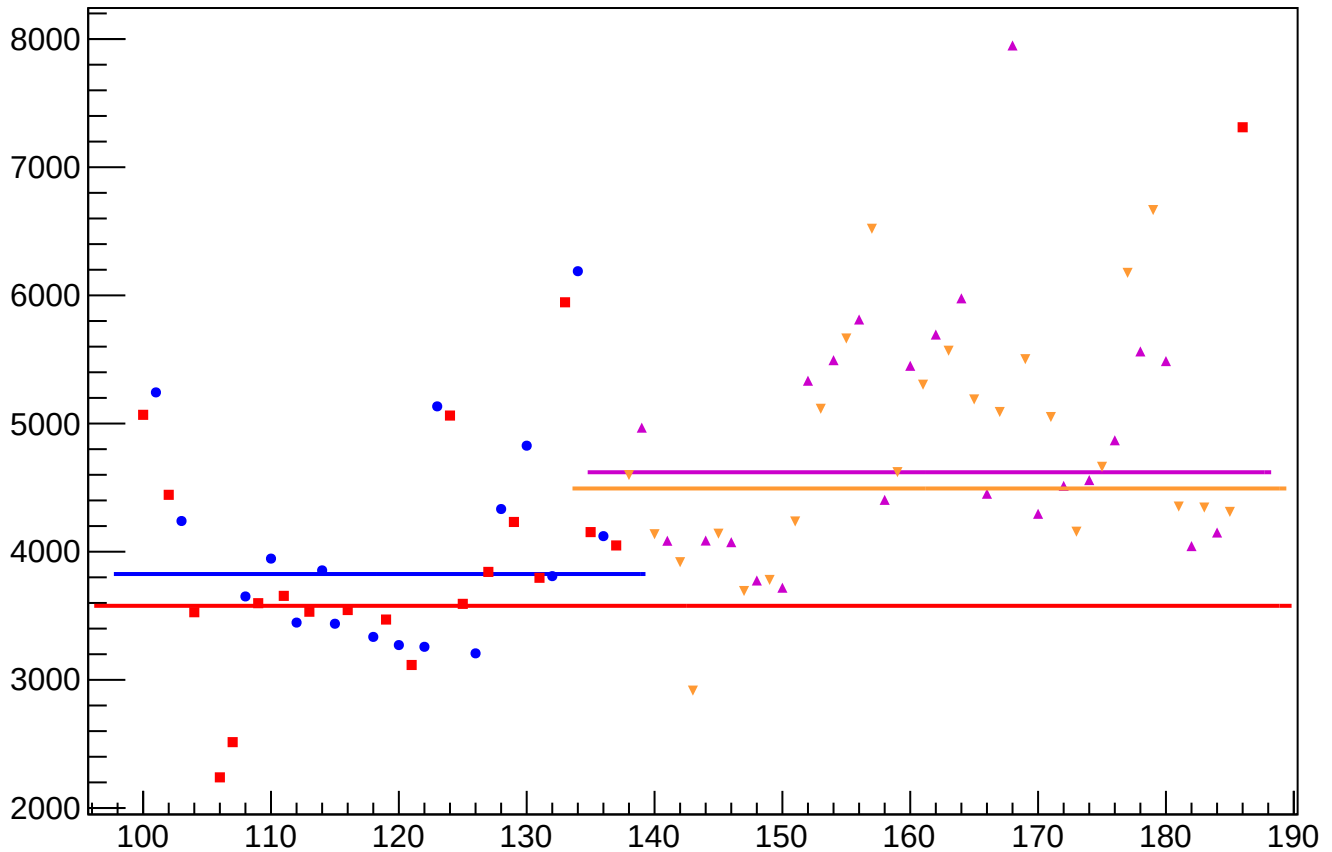
Left In: 185.280+/-1119.296 χ^2/NDF : 14.3/22

+ 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

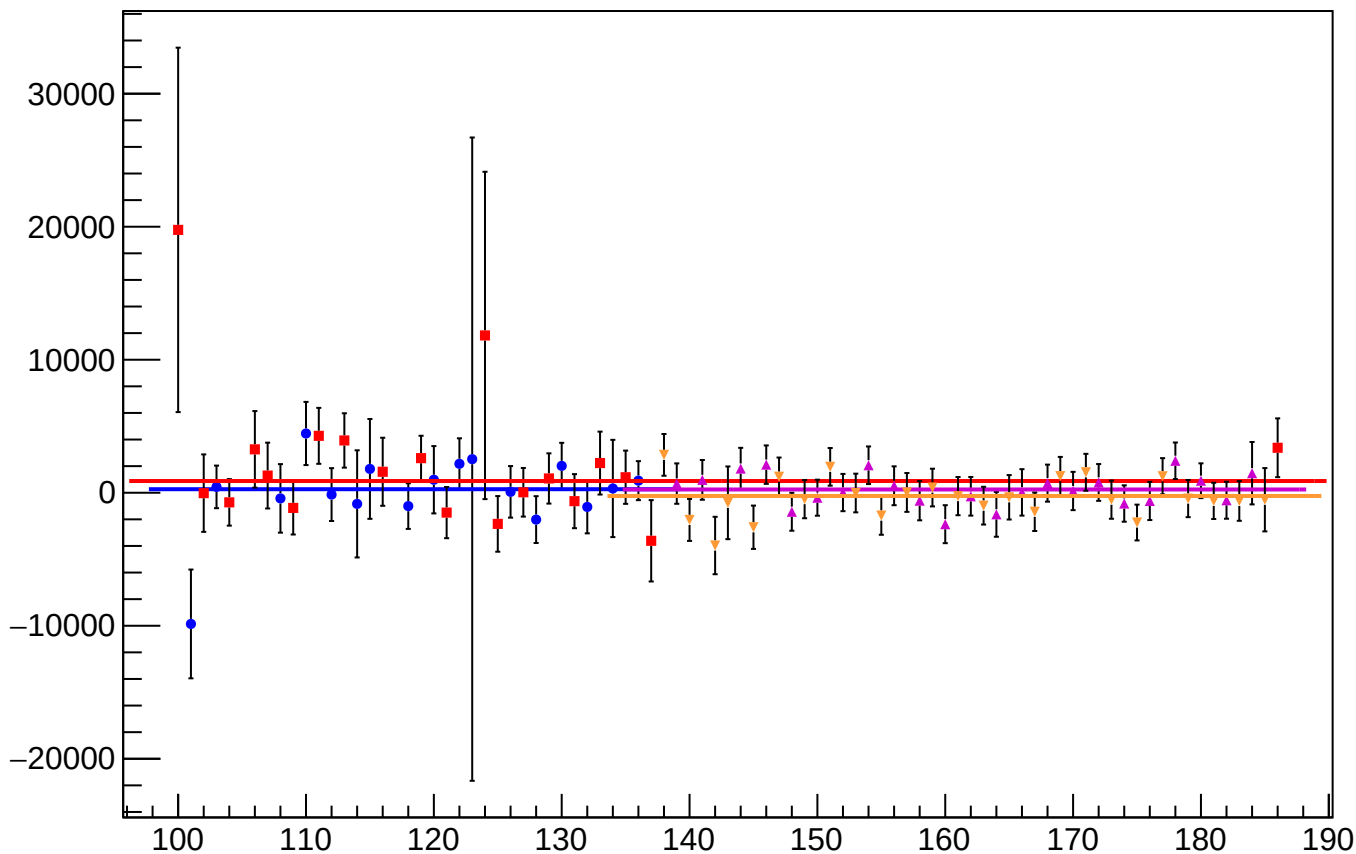
Left In: 4619.952+/-0.791 χ^2/NDF :1001966.3/22

+ 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: 265.987 ± 523.529 χ^2/NDF : 14.6/16

Left Out: -242.571 ± 301.700 χ^2/NDF : 22.3/24

Right Out: 881.350 ± 498.596 χ^2/NDF : 19.8/19

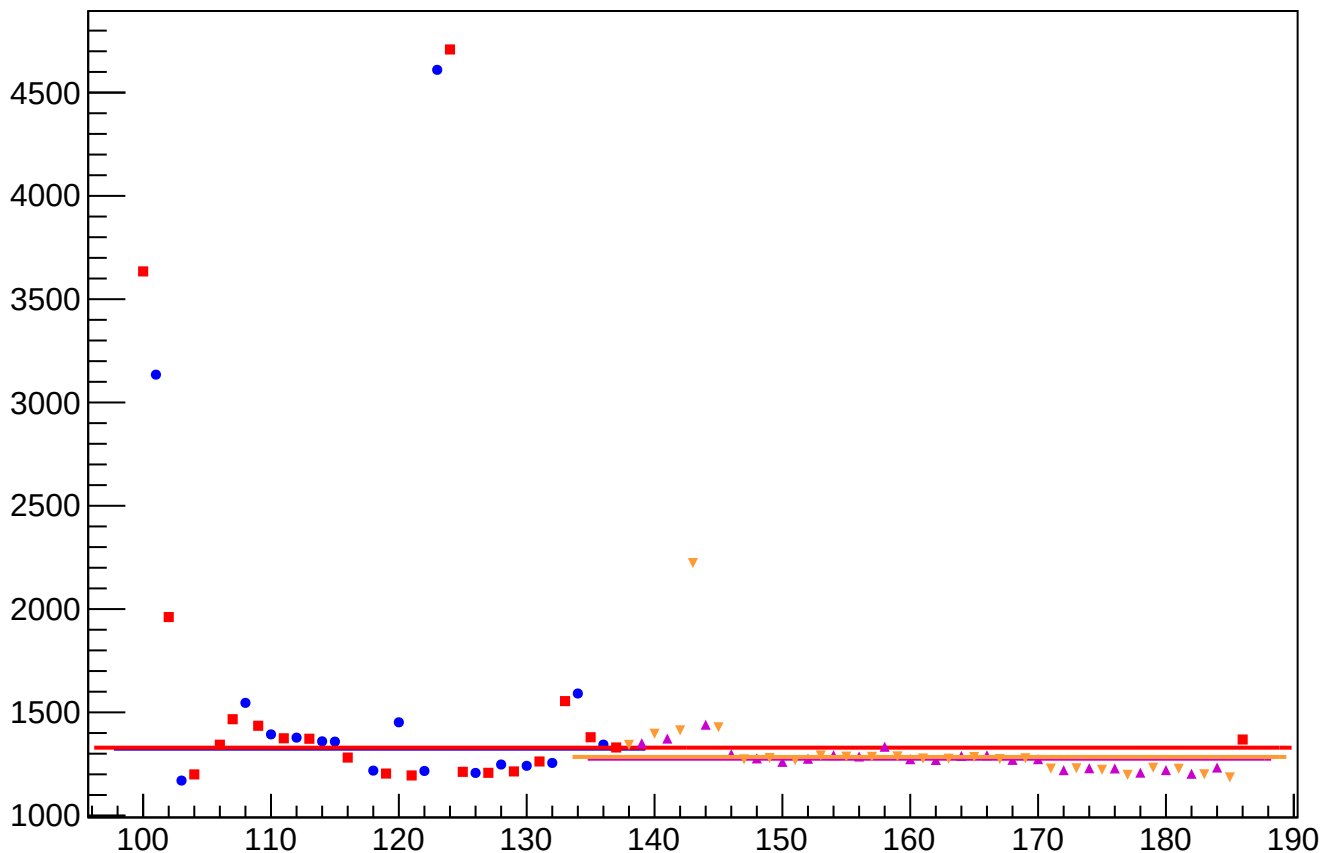
Left In: 245.829 ± 305.043 χ^2/NDF : 15.9/22

+ sign -115.785 ± 261.401 χ^2/NDF : 37.6/41

All: 152.791 ± 184.415 χ^2/NDF : 76.5/84

- sign 418.920 ± 260.208 χ^2/NDF : 36.9/42

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1324.281 $\pm$ 0.370 χ^2 /NDF: 514089.5/16

Left Out: 1284.208 $\pm$ 0.213 χ^2 /NDF: 306696.8/24

Right Out: 1329.091 $\pm$ 0.353 χ^2 /NDF: 392749.4/19

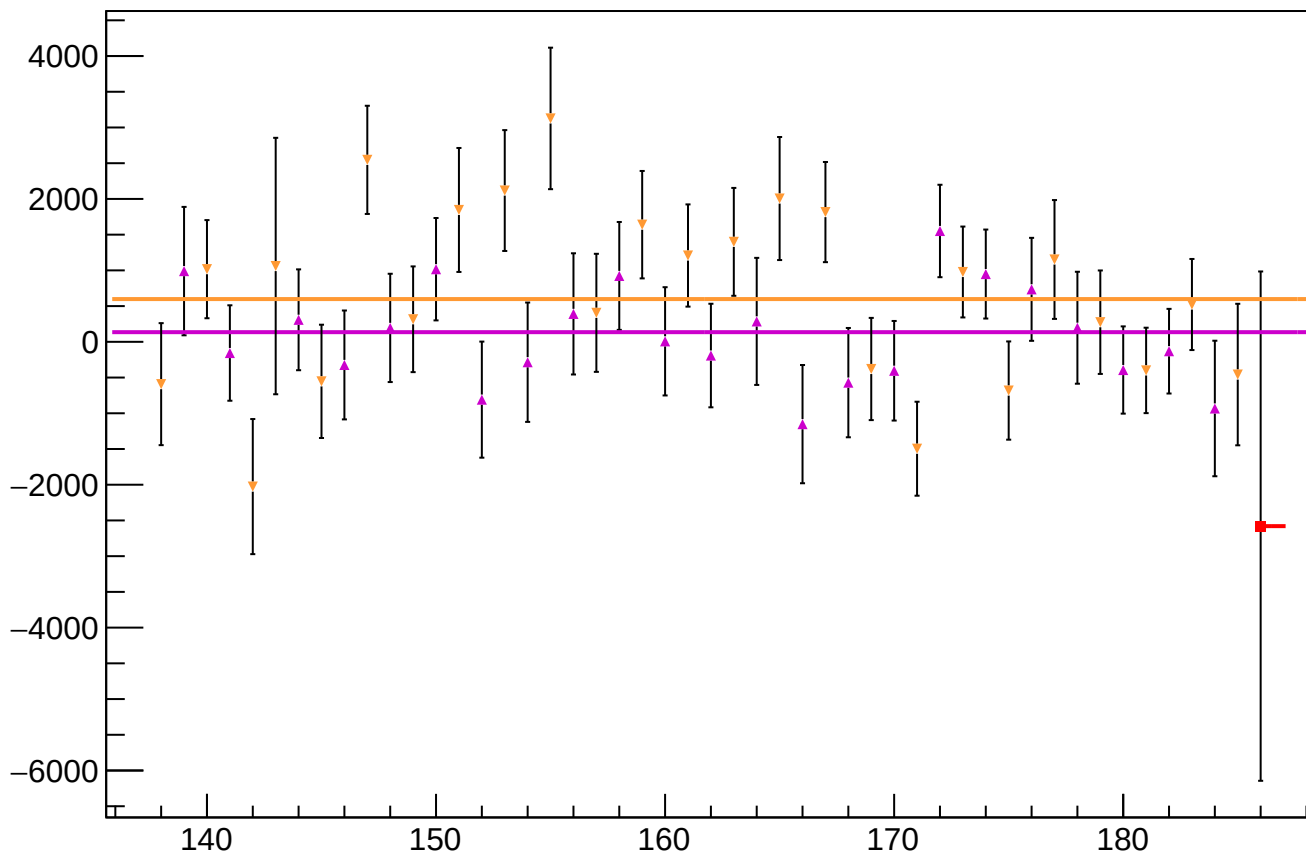
Left In: 1275.674 $\pm$ 0.216 χ^2 /NDF: 62431.9/22

+ sign 1294.199 $\pm$ 0.185 χ^2 /NDF: 829583.0/41

All: 1292.202 $\pm$ 0.130 χ^2 /NDF: 1301700.3/84

- sign 1290.223 $\pm$ 0.184 χ^2 /NDF: 471884.9/42

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: 598.368 $\pm$ 153.138 χ^2 /NDF:60.7/24

Right Out: -2579.690 $\pm$ 3564.340 χ^2 /NDF: 0.0/0

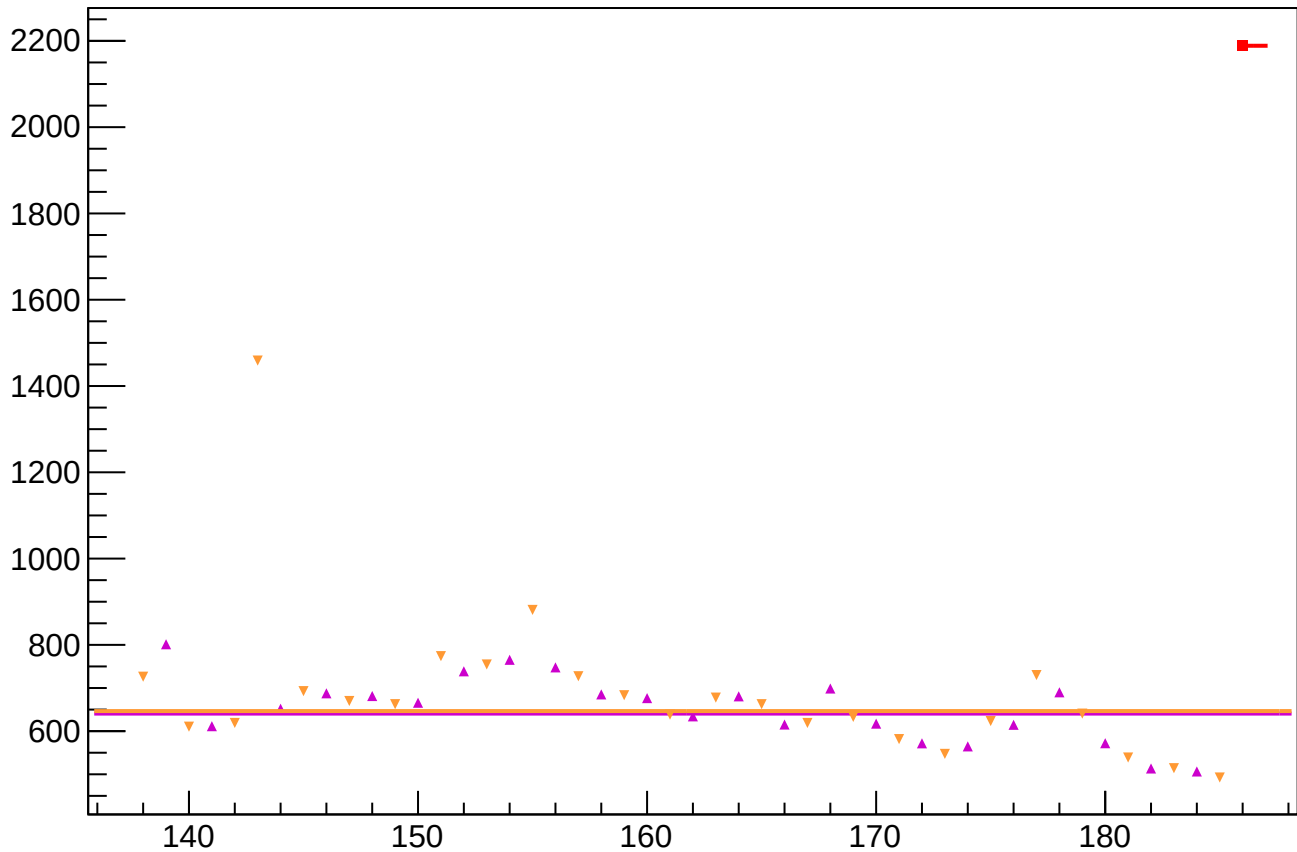
Left In: 135.168 $\pm$ 153.761 χ^2 /NDF:19.4/22

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

All: 364.980 $\pm$ 108.454 χ^2 /NDF: 85.3/48

- sign 130.125 $\pm$ 153.618 χ^2 /NDF: 20.0/23

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

Left Out: 646.517+/-0.108 χ^2/NDF :954278.0/24

Right Out: 2188.695+/-2.520 χ^2/NDF : 0.0/0

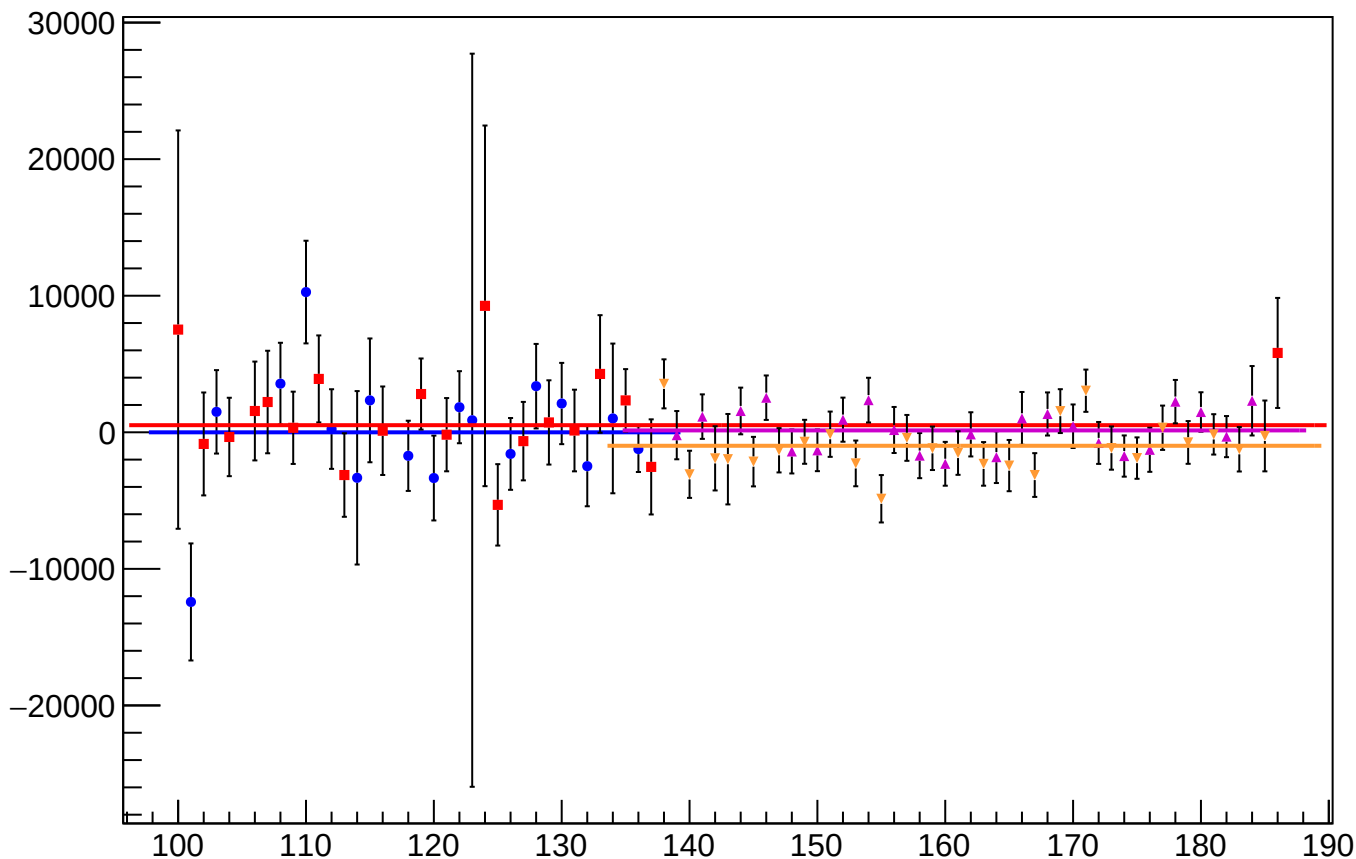
Left In: 640.732+/-0.109 χ^2/NDF :441649.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.066+/-0.077 χ^2/NDF : 1772805.0/48

- sign 643.607+/-0.109 χ^2/NDF : 818167.1/23

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

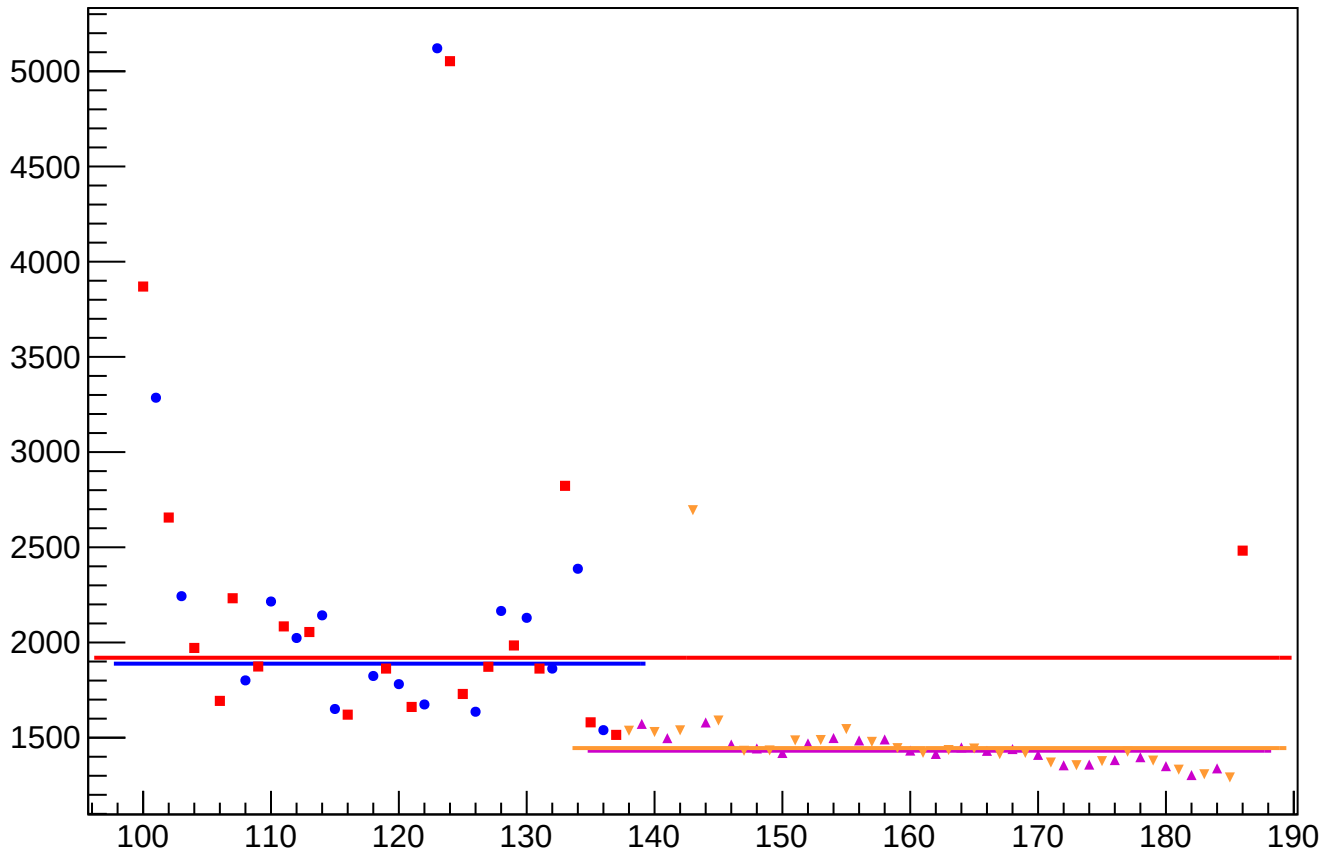
Left In: 137.780+/-342.262 χ^2/NDF : 18.8/22

+ 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

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

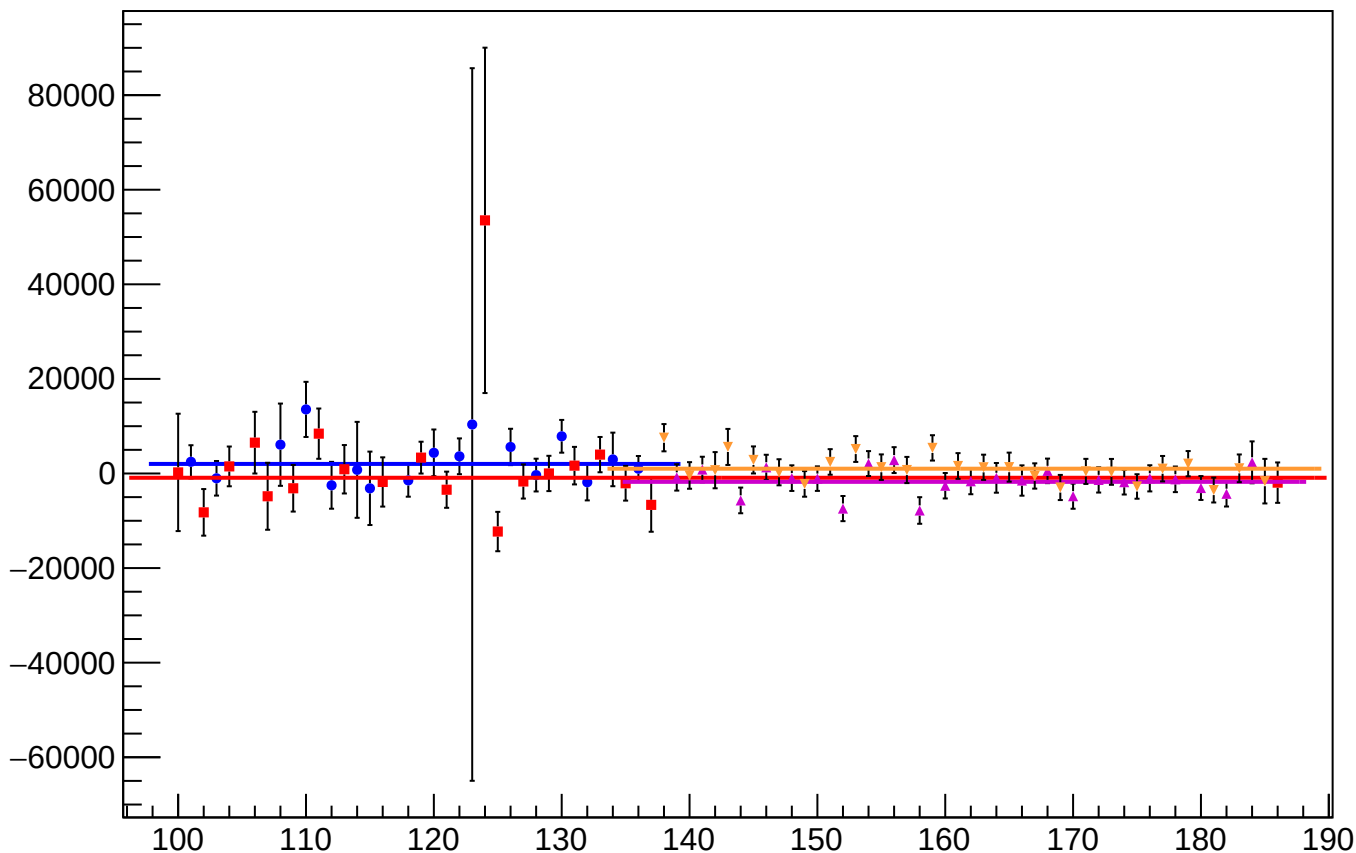
Right Out: 1919.901+/-0.510 χ^2/NDF : 501697.6/19

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

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

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

dit_asym_atl1_mean vs Slug



Right In: 2021.418+/-1035.639 χ^2/NDF : 12.9/16

Left Out: 1012.151+/-565.770 χ^2/NDF : 22.4/24

Right Out: -904.964+/-1021.462 χ^2/NDF : 22.7/19

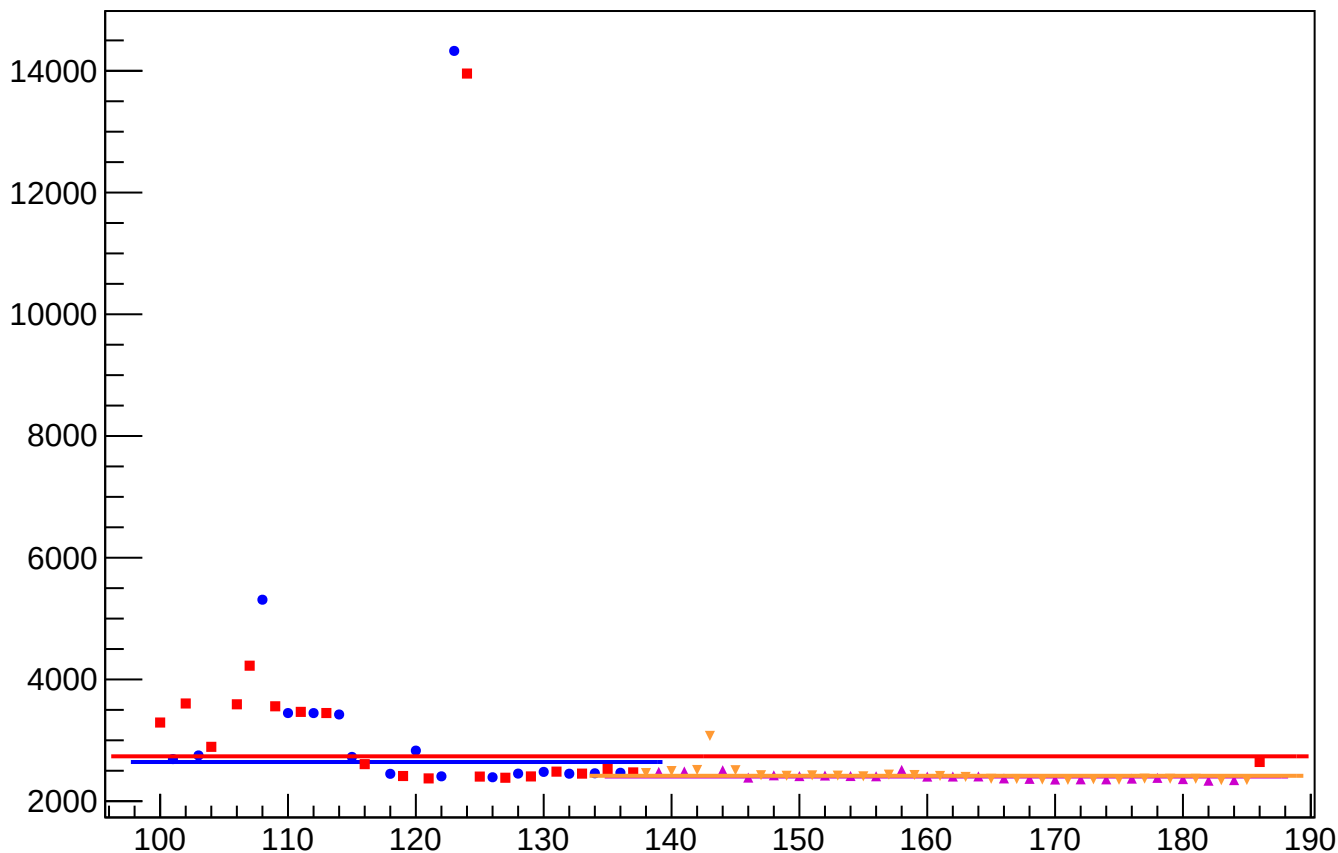
Left In: -1768.654+/-574.282 χ^2/NDF : 23.2/22

+ sign 1244.128+/-496.510 χ^2/NDF : 36.0/41

All: -147.066+/-352.519 χ^2/NDF : 98.3/84

- sign -1561.221+/-500.591 χ^2/NDF : 46.4/42

dit_asym_atl1_rms vs Slug



Right In: 2643.525+/-0.732 χ^2/NDF : 392705.3/16

Left Out: 2416.984+/-0.400 χ^2/NDF : 74336.3/24

Right Out: 2736.916+/-0.722 χ^2/NDF : 629010.0/19

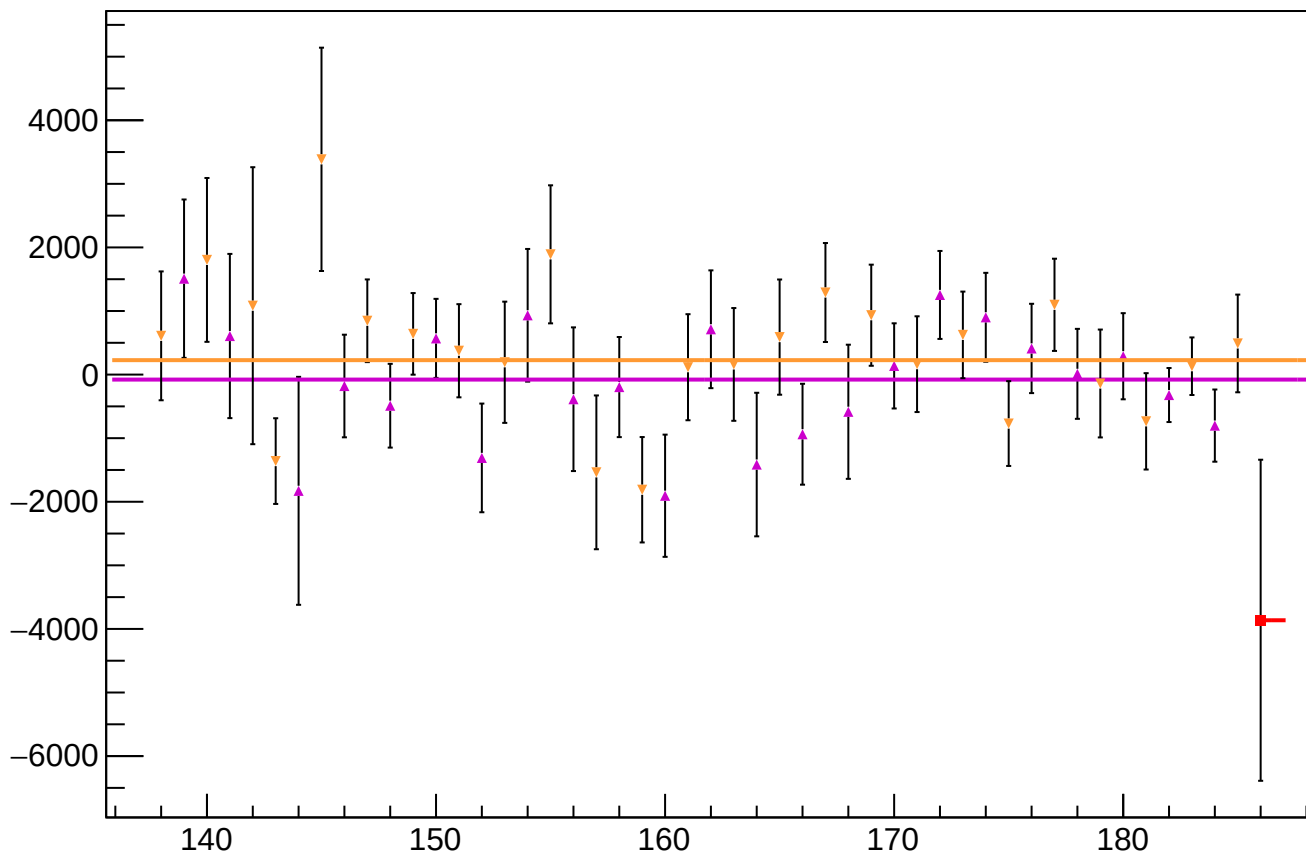
Left In: 2404.873+/-0.406 χ^2/NDF : 14770.0/22

+ sign 2469.054+/-0.351 χ^2/NDF : 540744.9/41

All: 2476.773+/-0.249 χ^2/NDF : 1346079.1/84

- sign 2484.620+/-0.354 χ^2/NDF : 804359.3/42

asym_atl1_correction_mean vs Slug



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

Left Out: 227.025+/-158.128 χ^2/NDF :31.3/24

Right Out: -3863.755+/-2524.803 χ^2/NDF : 0.0/0

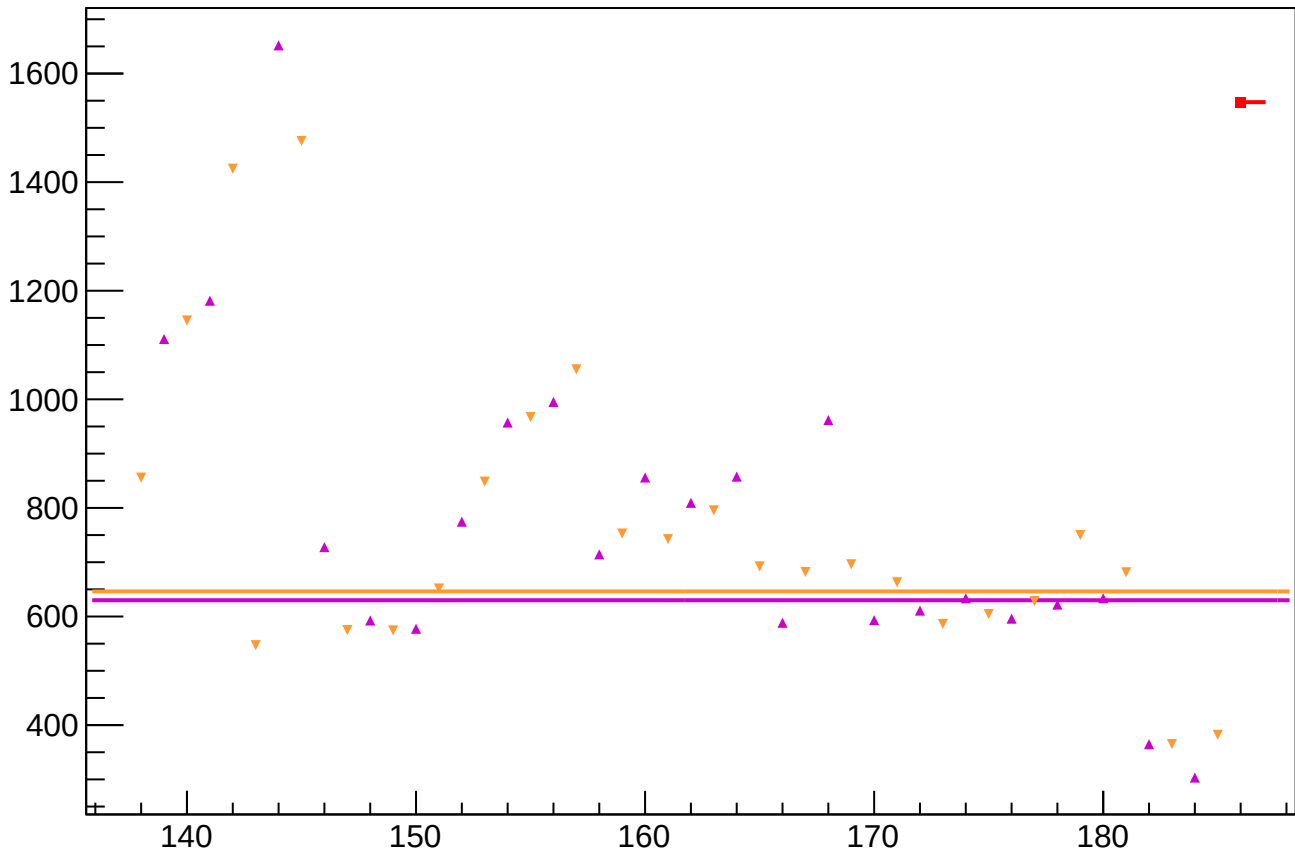
Left In: -78.542+/-159.308 χ^2/NDF :23.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.609+/-112.117 χ^2/NDF : 58.7/48

- sign -93.552+/-158.991 χ^2/NDF : 25.4/23

asym_atl1_correction_rms vs Slug



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

Left Out: 646.167+/-0.112 χ^2/NDF : 2875111.2/24

Right Out: 1547.330+/-1.785 χ^2/NDF : 0.0/0

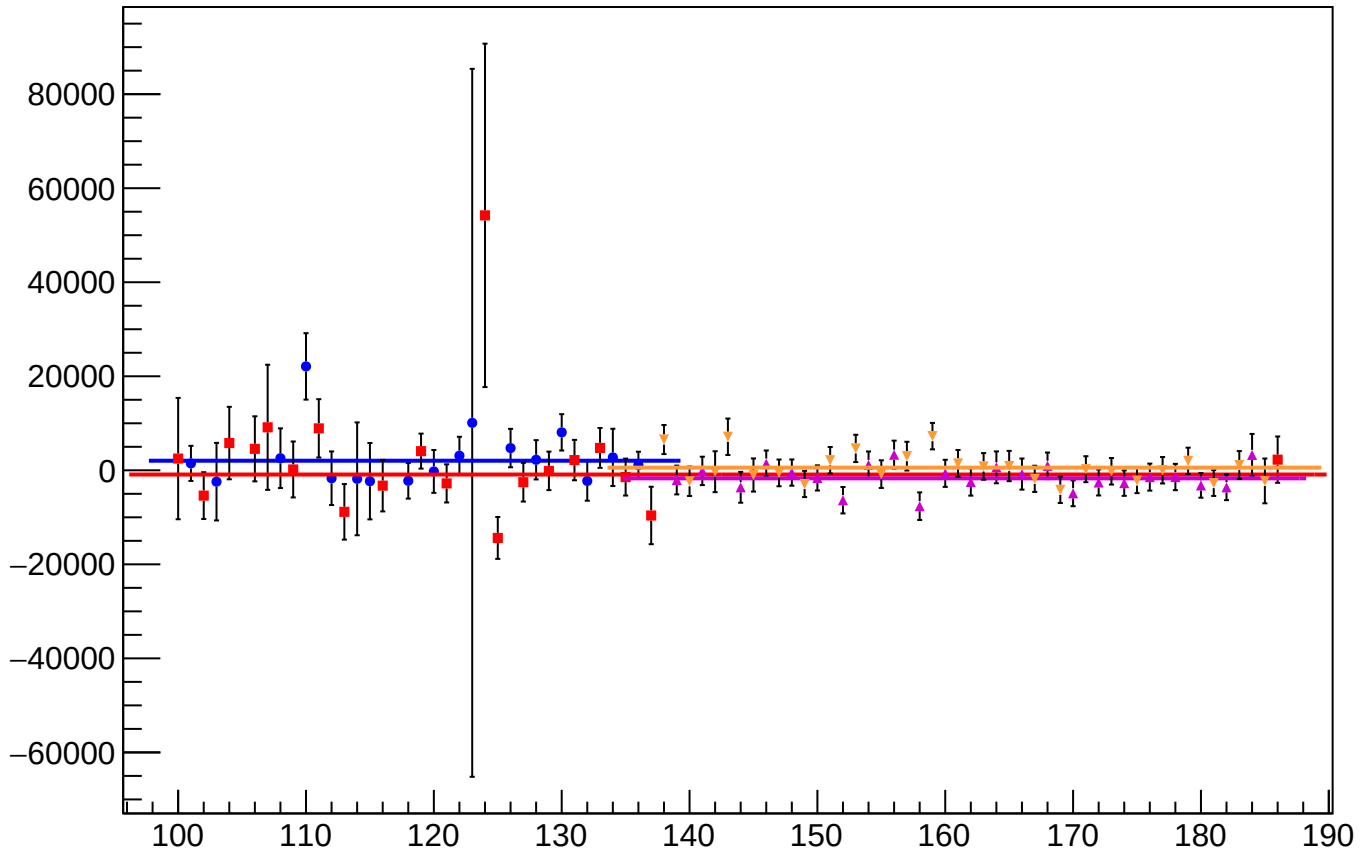
Left In: 629.971+/-0.113 χ^2/NDF : 3773702.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 639.922+/-0.079 χ^2/NDF : 6918069.8/48

- sign 633.609+/-0.112 χ^2/NDF : 4036685.6/23

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

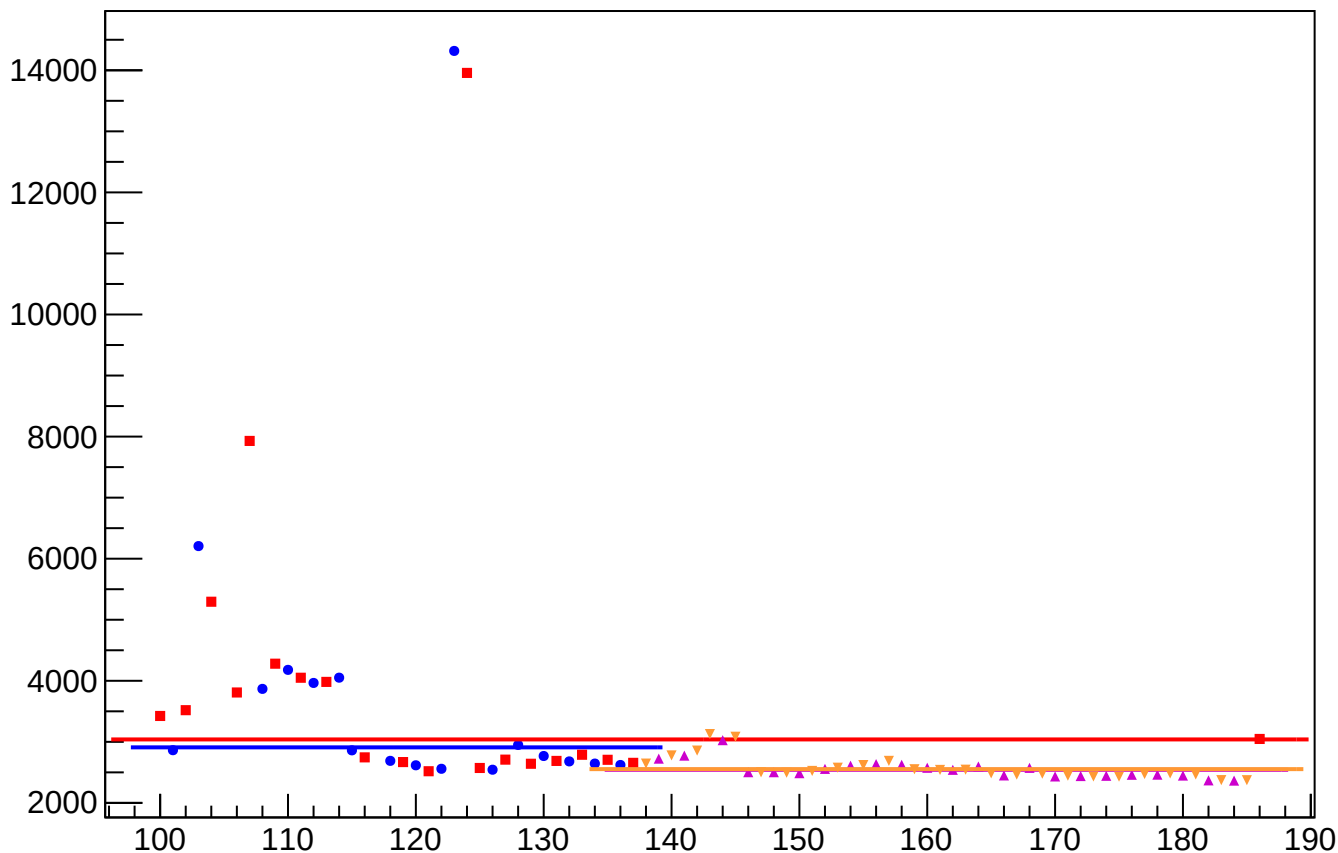
Left In: -1713.317+/-607.775 χ^2/NDF : 18.1/22

+ 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

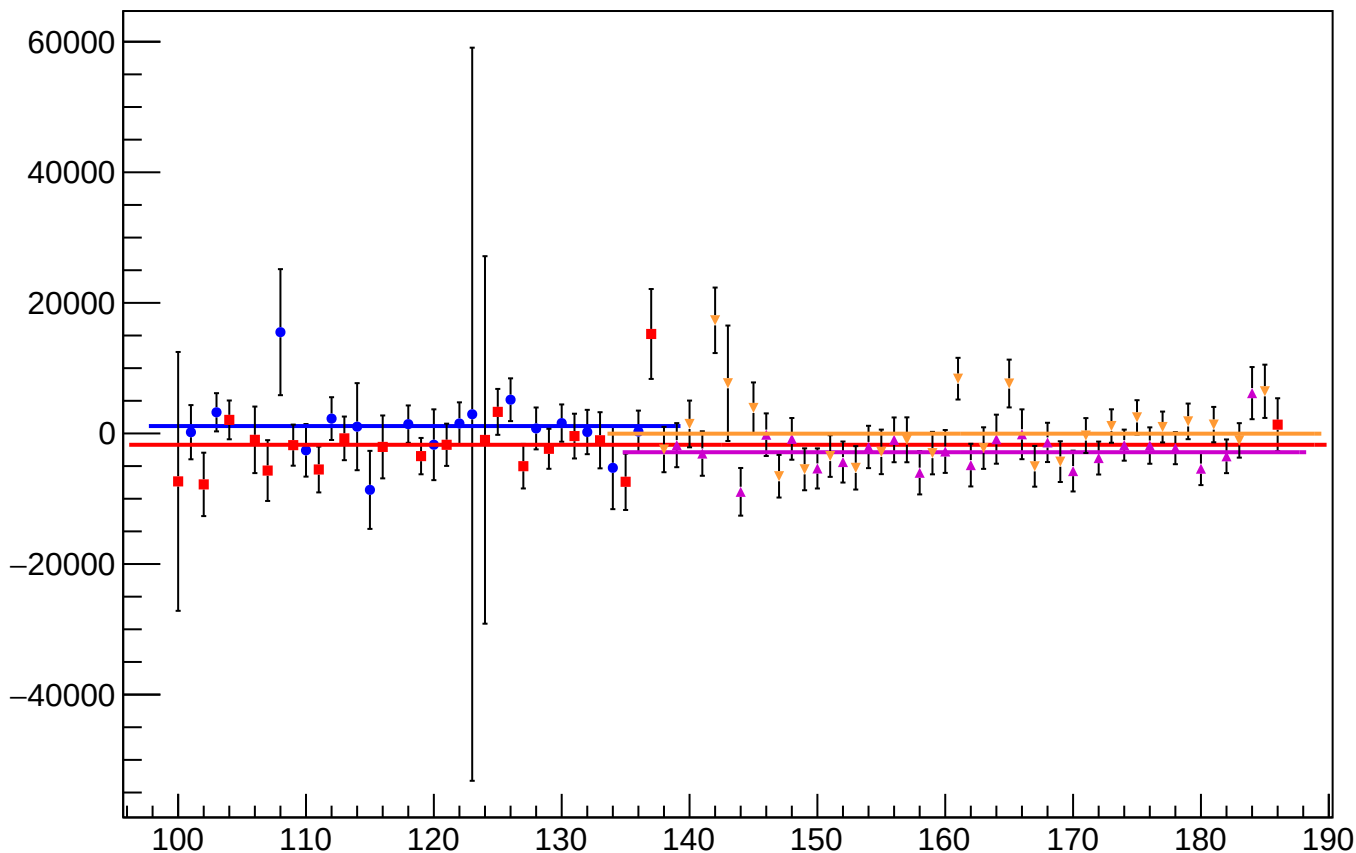
Left In: 2541.950+/-0.430 χ^2/NDF :97238.4/22

+ 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: 1131.802 $\pm$ 926.744 χ^2 /NDF: 9.5/16

Left Out: -33.438 $\pm$ 633.677 χ^2 /NDF:47.5/24

Right Out: -1736.644 $\pm$ 866.516 χ^2 /NDF: 17.2/19

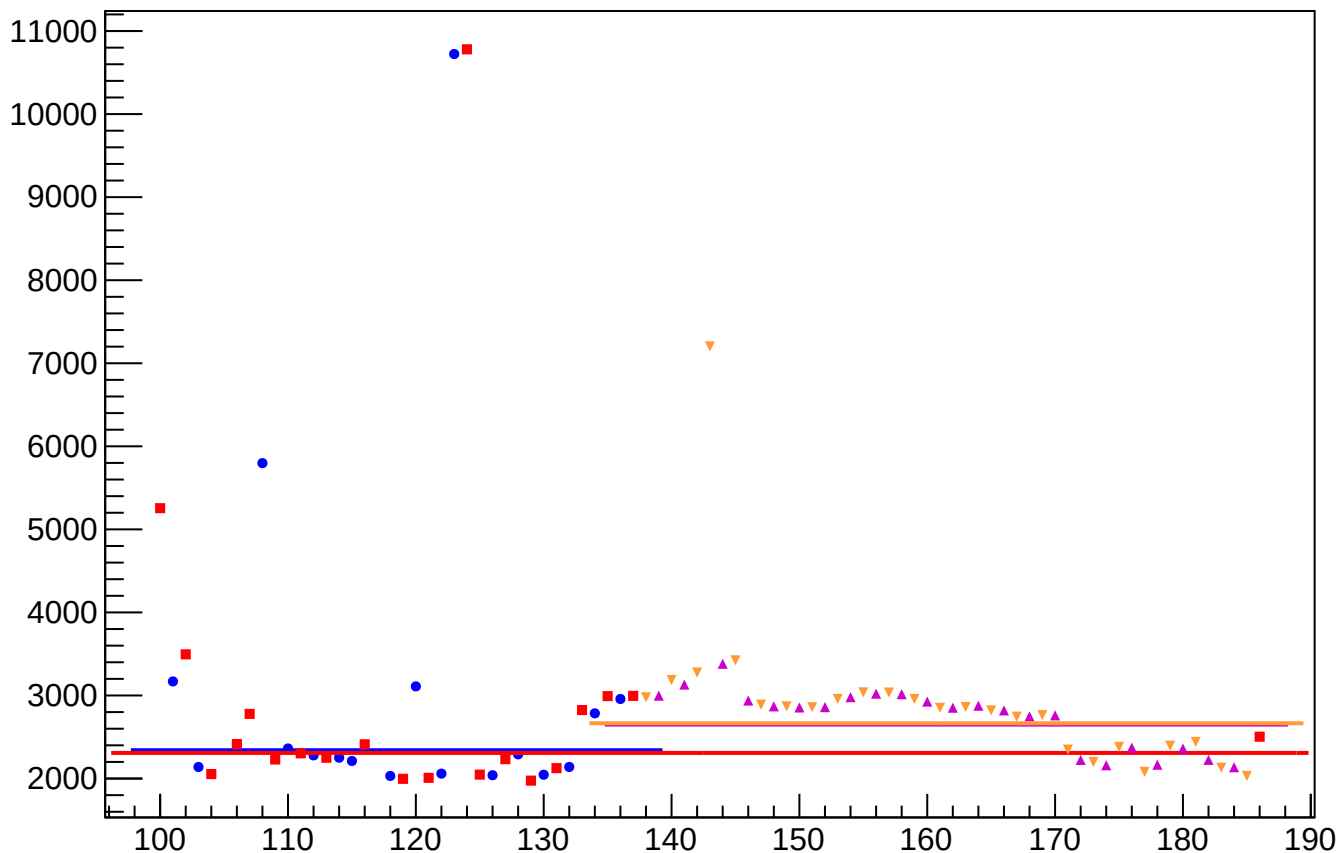
Left In: -2875.319 $\pm$ 637.973 χ^2 /NDF:15.1/22

+ sign 337.791 $\pm$ 523.086 χ^2 /NDF: 58.1/41

All: -1093.961 $\pm$ 366.532 χ^2 /NDF: 106.3/84

- sign -2475.053 $\pm$ 513.749 χ^2 /NDF: 33.5/42

dit_asym_atl2_rms vs Slug



Right In: 2340.877+/-0.655 χ^2/NDF : 600471.2/16

Left Out: 2665.559+/-0.448 χ^2/NDF : 1218211.8/24

Right Out: 2308.319+/-0.612 χ^2/NDF : 570977.7/19

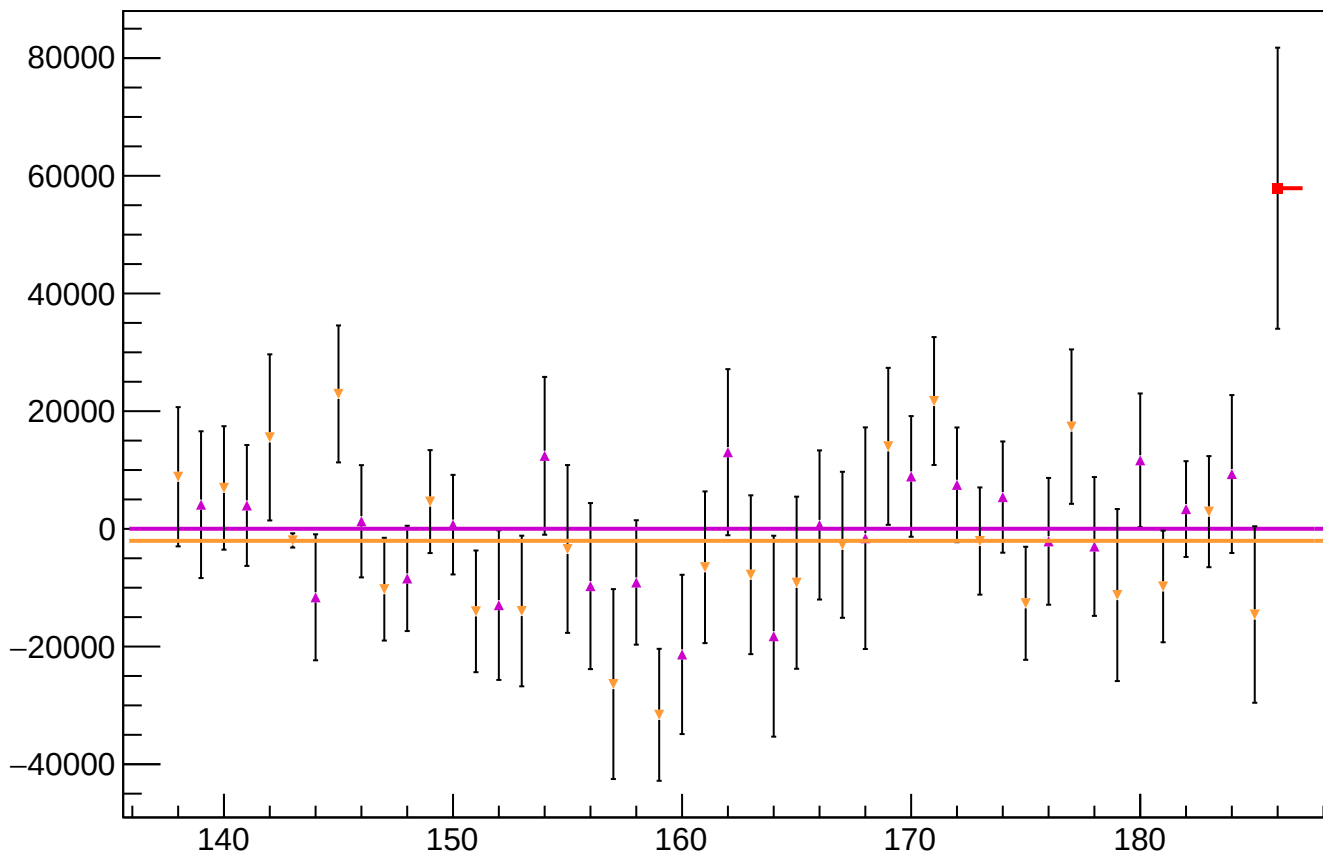
Left In: 2649.457+/-0.451 χ^2/NDF : 643563.7/22

+ sign 2562.120+/-0.370 χ^2/NDF : 1985960.8/41

All: 2545.476+/-0.259 χ^2/NDF : 3405683.3/84

- sign 2529.430+/-0.363 χ^2/NDF : 1415745.7/42

asym_atl2_correction_mean vs Slug



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

Left Out: -2034.509 $\pm$ 1076.795 χ^2 /NDF:32.9/24

Right Out: 57890.389 $\pm$ 23884.018 χ^2 /NDF: 0.0/0

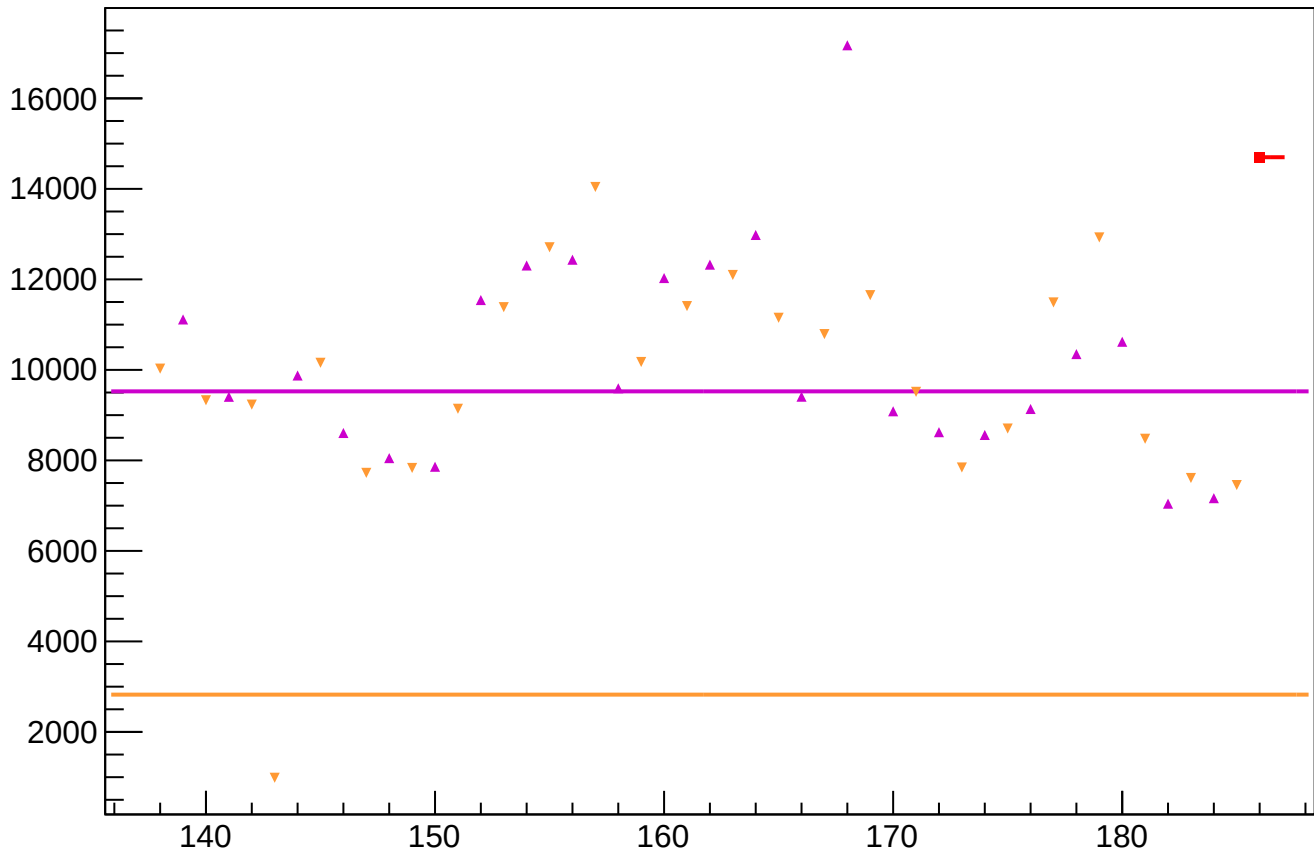
Left In: 16.509 $\pm$ 2317.578 χ^2 /NDF:13.4/22

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

All: -1570.958 $\pm$ 975.723 χ^2 /NDF: 53.2/48

- sign 556.351 $\pm$ 2306.744 χ^2 /NDF: 19.2/23

asym_atl2_correction_rms vs Slug



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

Left Out: 2824.184+/-0.761 χ^2/NDF : 22547216.3/24

Right Out: 14699.449+/-16.889 χ^2/NDF : 0.0/0

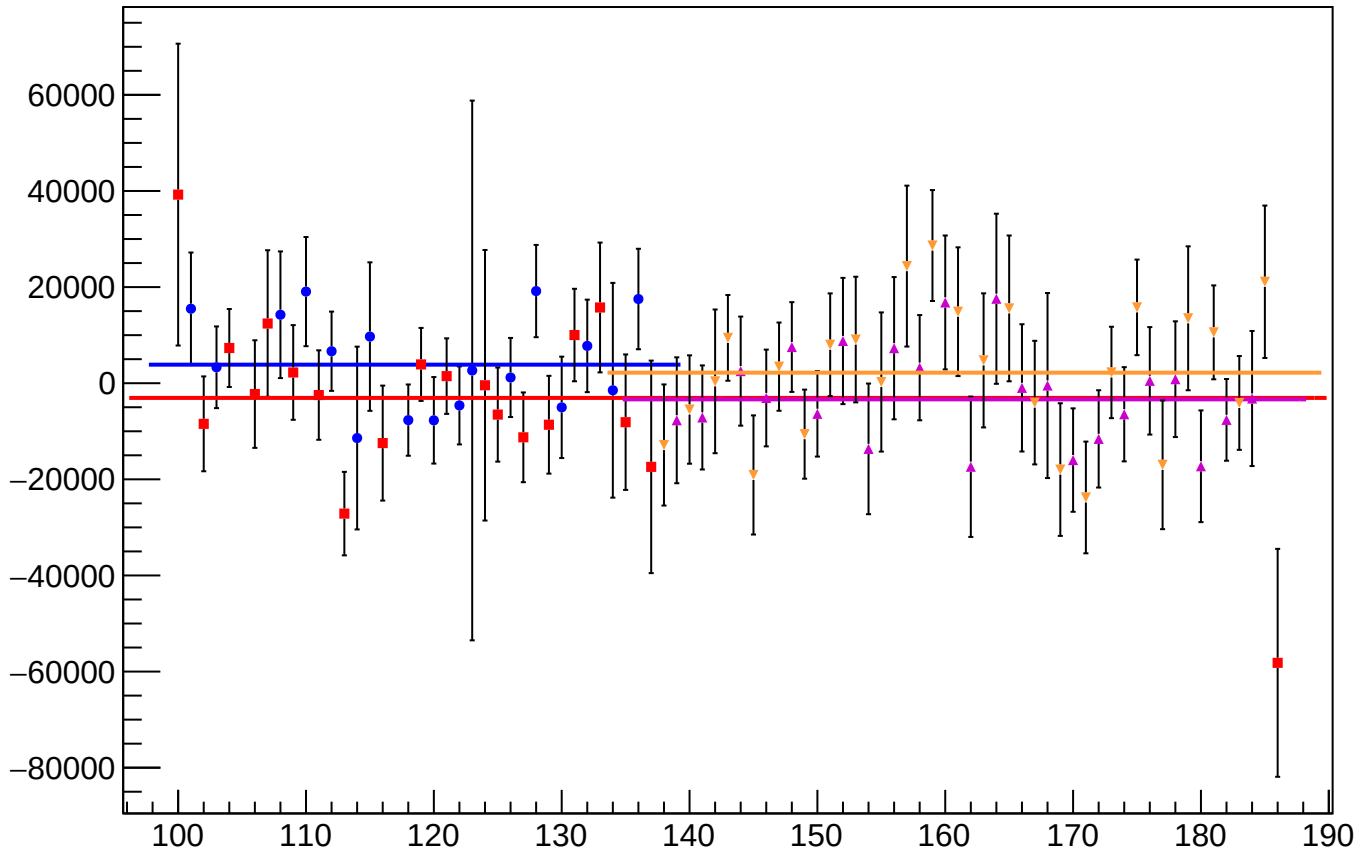
Left In: 9525.431+/-1.639 χ^2/NDF : 1286488.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4031.793+/-0.690 χ^2/NDF : 37985938.5/4

- sign 9573.693+/-1.631 χ^2/NDF : 1379471.1/23

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

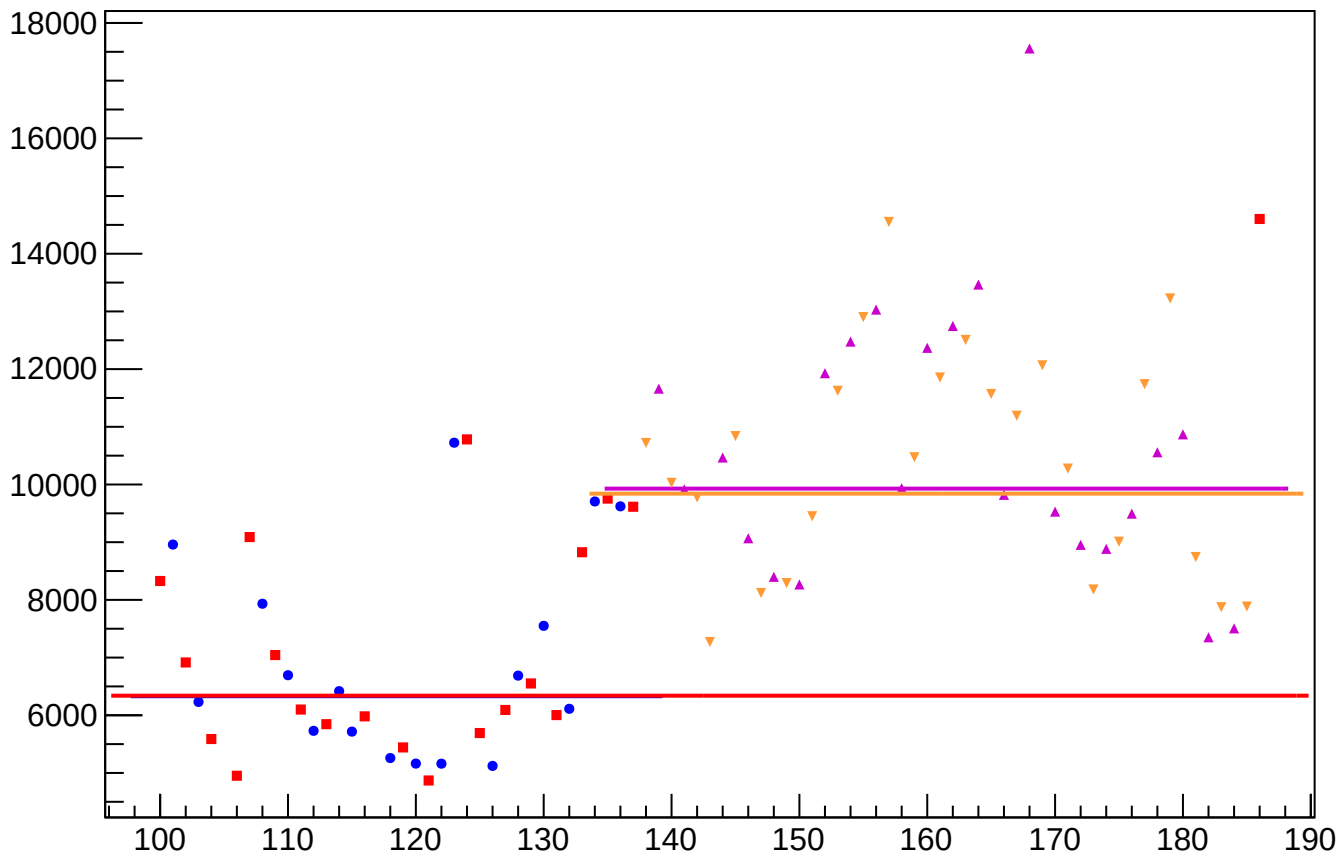
Right Out: -3057.627+/-2408.785 χ^2/NDF : 25.5/19

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

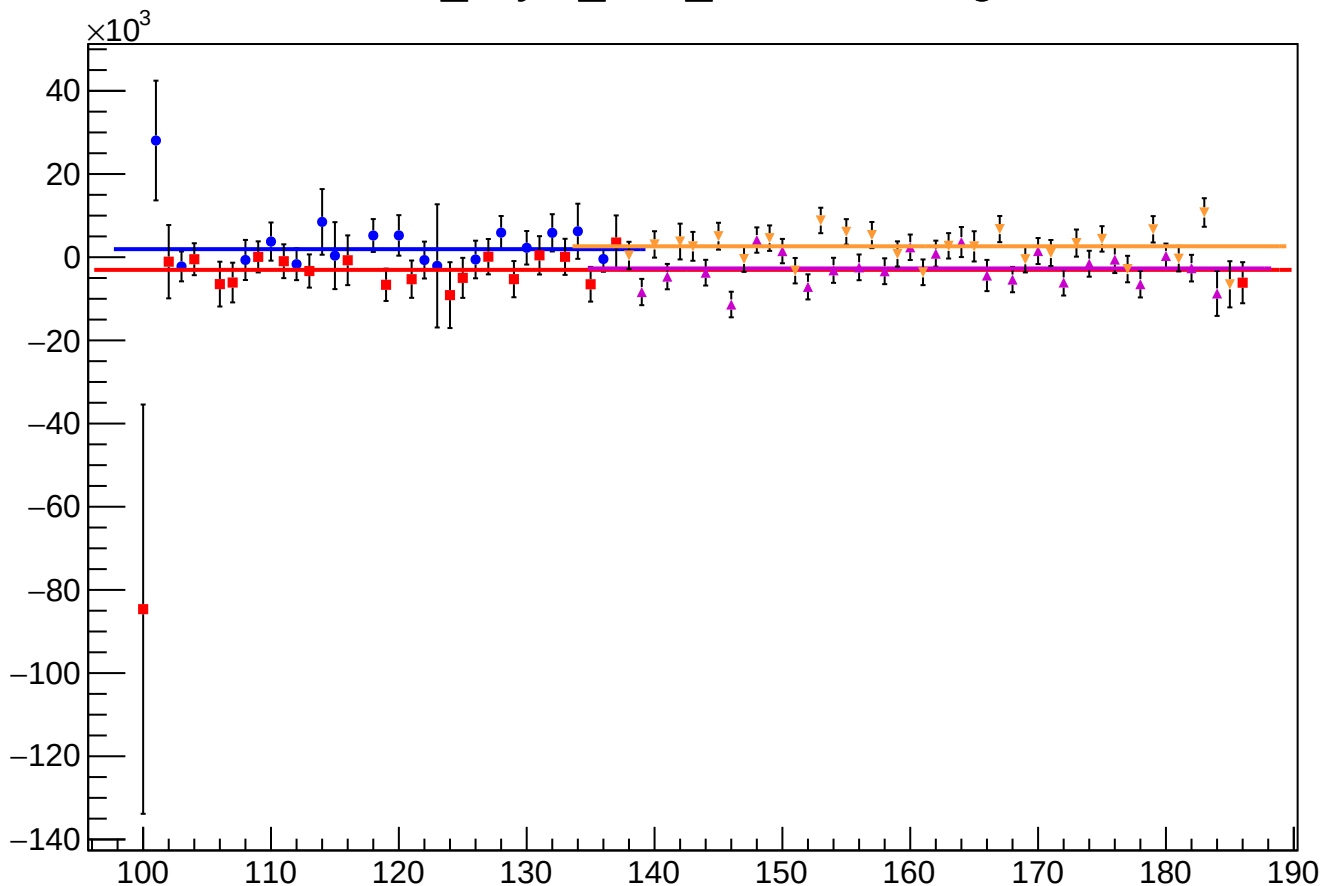
Left In: 9928.662+/-1.707 χ^2/NDF :1220804.9/22

+ 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: 1936.744 ± 1128.266 χ^2/NDF : 11.3/16

Left Out: 2627.213 ± 648.505 χ^2/NDF : 34.0/24

Right Out: -3046.141 ± 1061.441 χ^2/NDF : 11.0/19

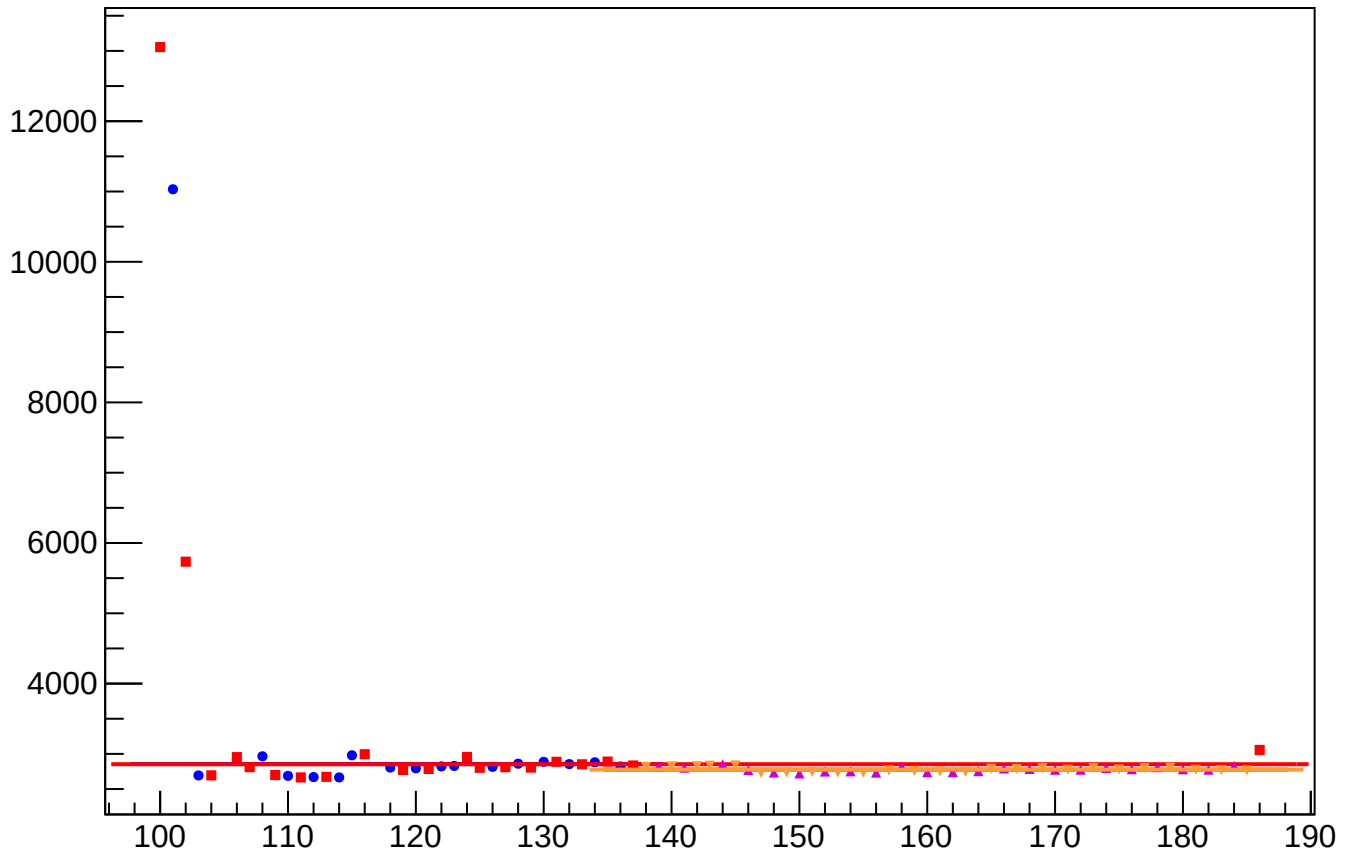
Left In: -2701.915 ± 662.347 χ^2/NDF : 36.3/22

+ sign 2455.748 ± 562.247 χ^2/NDF : 45.6/41

All: -172.848 ± 397.453 χ^2/NDF : 136.7/84

- sign -2798.387 ± 561.920 χ^2/NDF : 47.4/42

dit_asym_atr1_rms vs Slug



Right In: 2855.108+/-0.798 χ^2/NDF : 660906.0/16

Left Out: 2776.087+/-0.459 χ^2/NDF : 4817.3/24

Right Out: 2853.200+/-0.751 χ^2/NDF : 322856.9/19

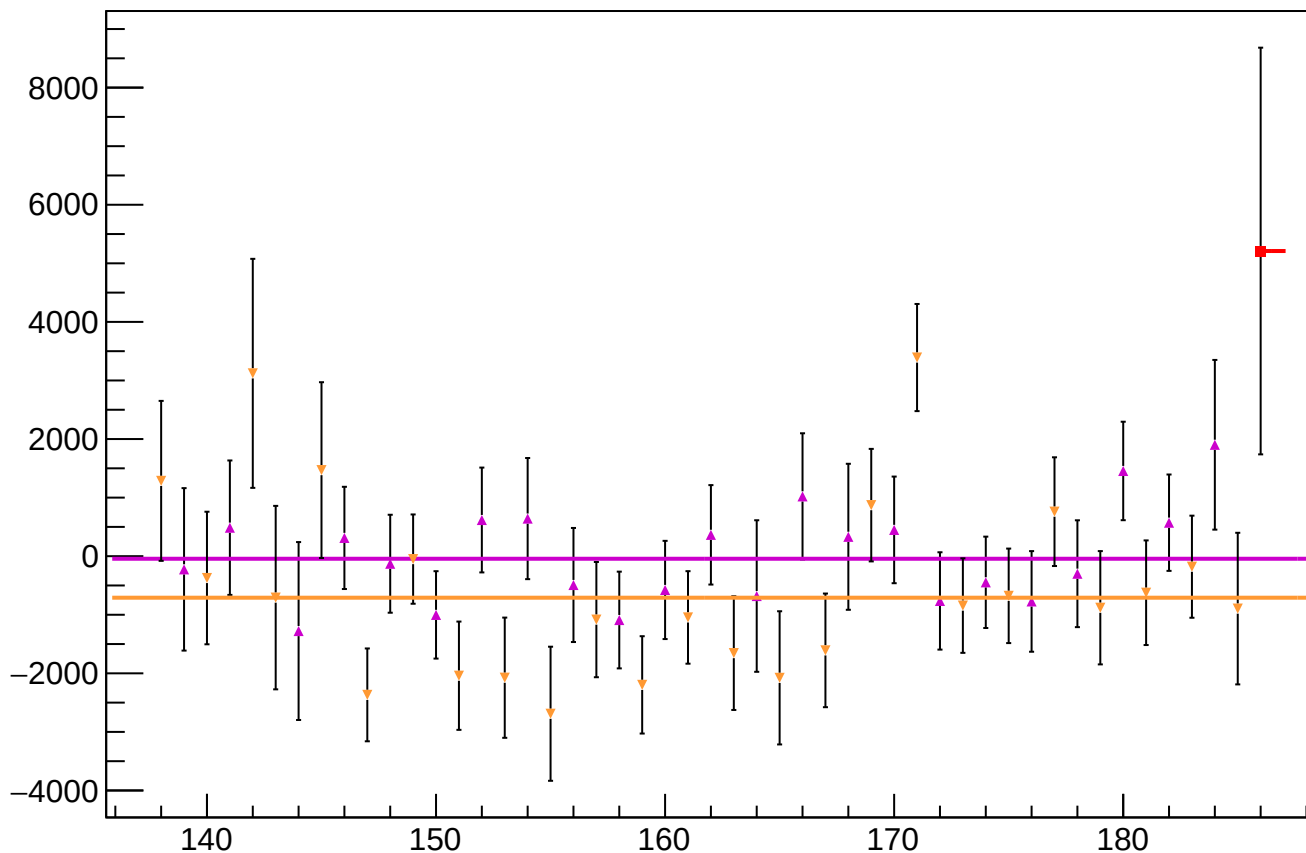
Left In: 2776.540+/-0.468 χ^2/NDF : 5153.9/22

+ sign 2795.711+/-0.398 χ^2/NDF : 673097.5/41

All: 2796.868+/-0.281 χ^2/NDF : 1008633.8/84

- sign 2798.024+/-0.397 χ^2/NDF : 335519.4/42

asym_atr1_correction_mean vs Slug



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

Left Out: -708.890+/-194.780 χ^2/NDF : 52.7/24

Right Out: 5210.082+/-3471.772 χ^2/NDF : 0.0/0

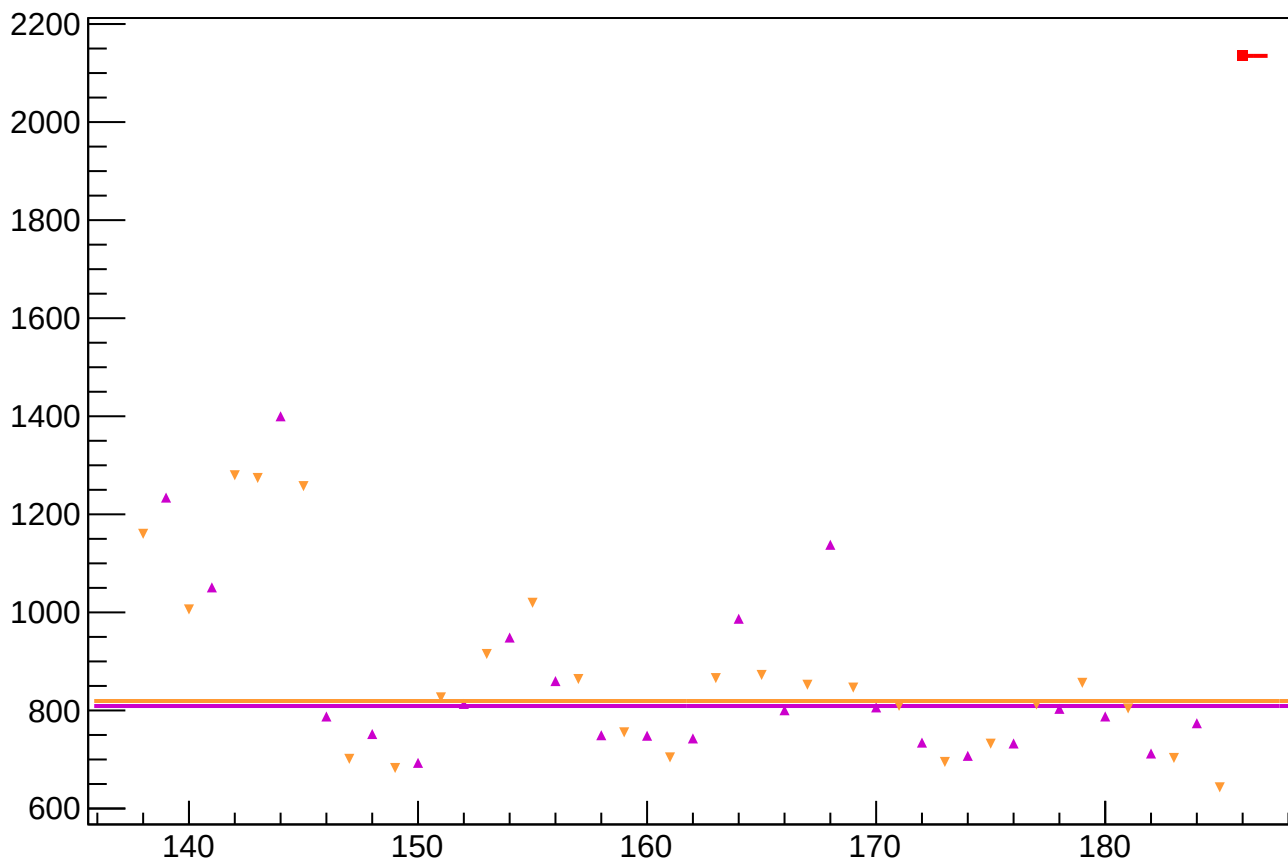
Left In: -43.842+/-195.751 χ^2/NDF : 15.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.196+/-137.963 χ^2/NDF : 76.2/48

- sign -27.192+/-195.441 χ^2/NDF : 17.4/23

asym_atr1_correction_rms vs Slug



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

Left Out: 819.303+/-0.138 χ^2/NDF :1035261.7/24

Right Out: 2135.024+/-2.455 χ^2/NDF : 0.0/0

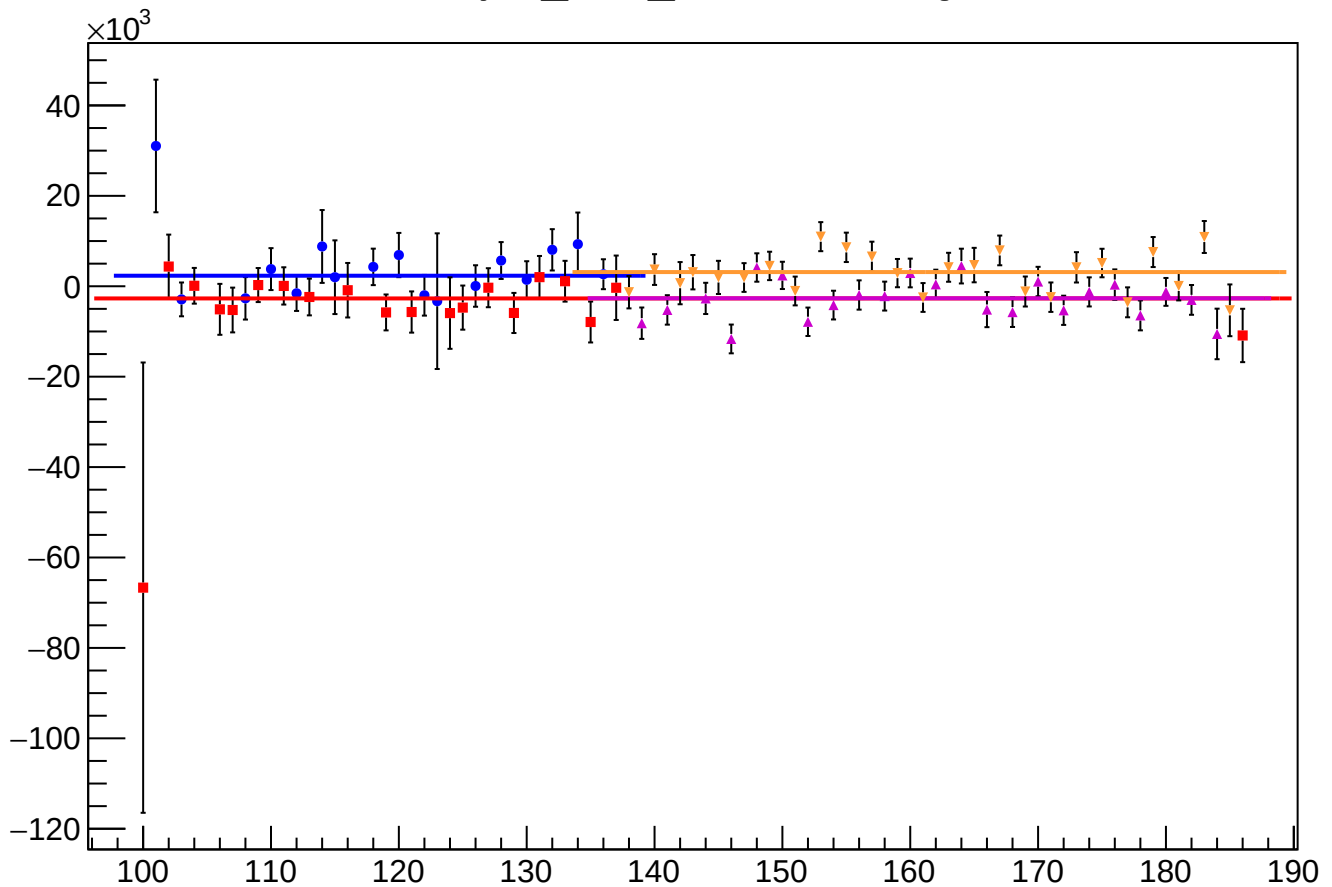
Left In: 809.059+/-0.138 χ^2/NDF :986677.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.293+/-0.098 χ^2/NDF : 2313710.0/48

- sign 813.262+/-0.138 χ^2/NDF : 1277489.4/23

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

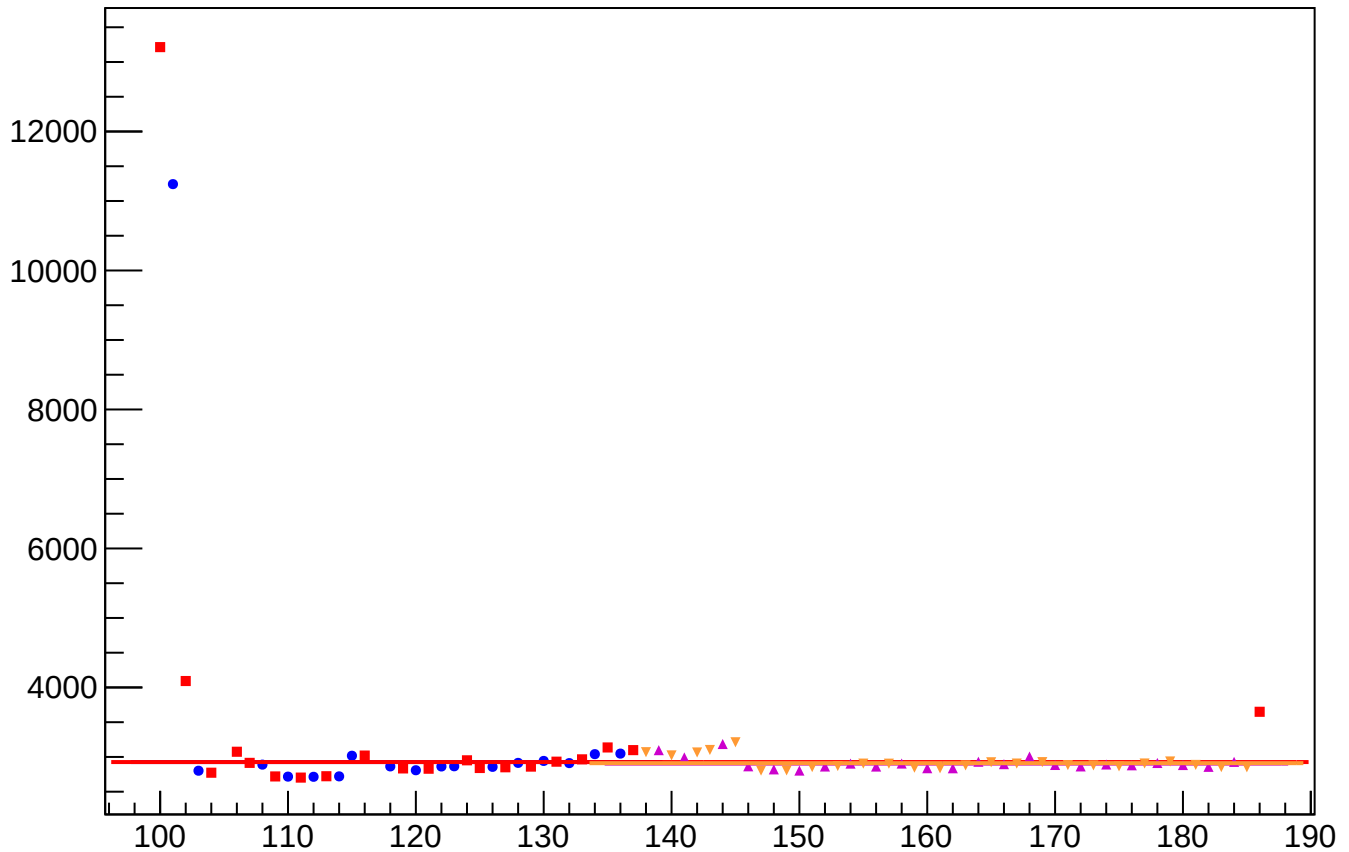
Left In: -2659.828 $\pm$ 693.121 χ^2 /NDF:36.9/22

+ 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

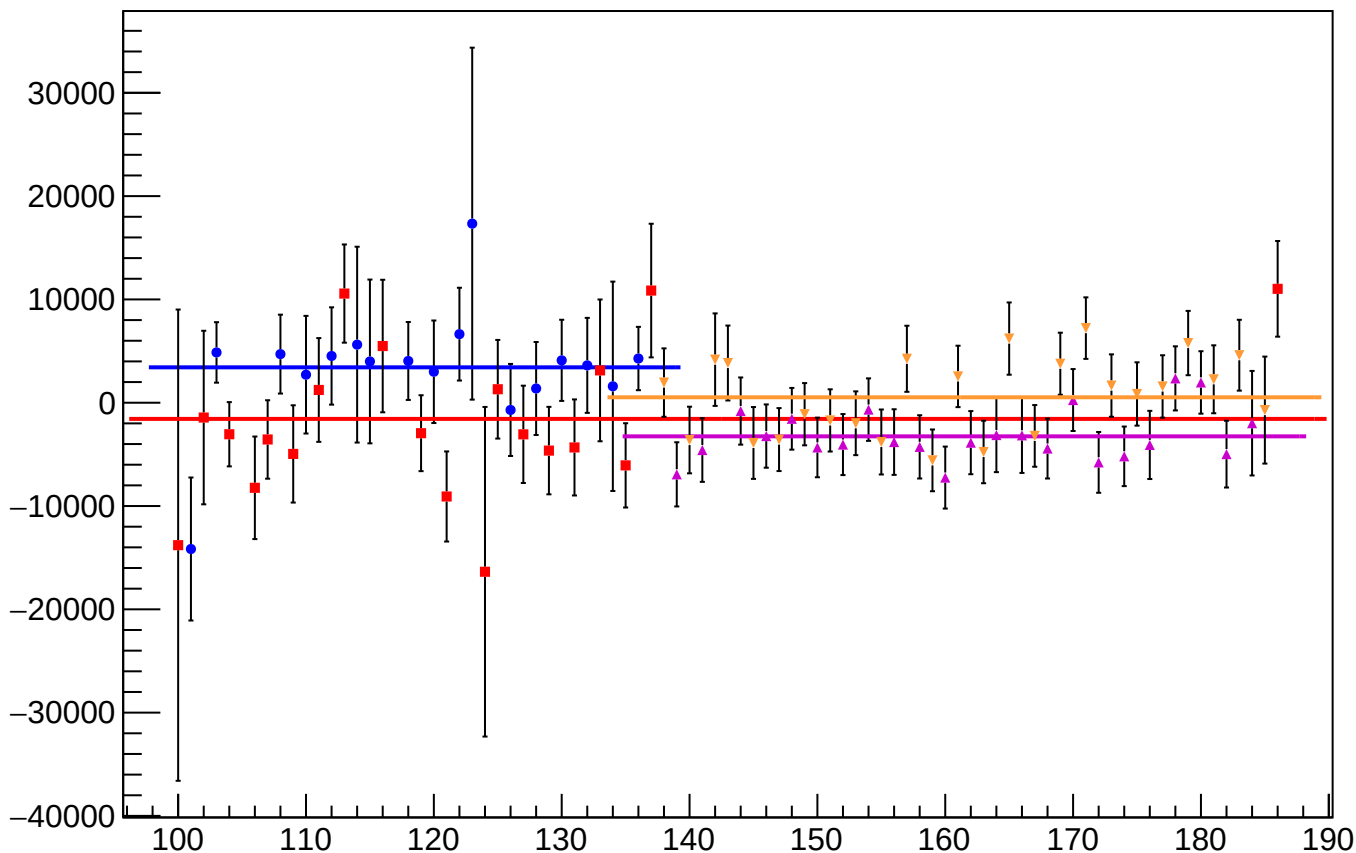
Left In: 2904.499 $\pm$ 0.490 χ^2 /NDF:30423.1/22

+ 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: 3426.396 $\pm$ 1117.275 χ^2 /NDF: 9.4/16

Left Out: 525.603 $\pm$ 642.362 χ^2 /NDF:34.5/24

Right Out: -1565.796 $\pm$ 1080.684 χ^2 /NDF: 29.2/19

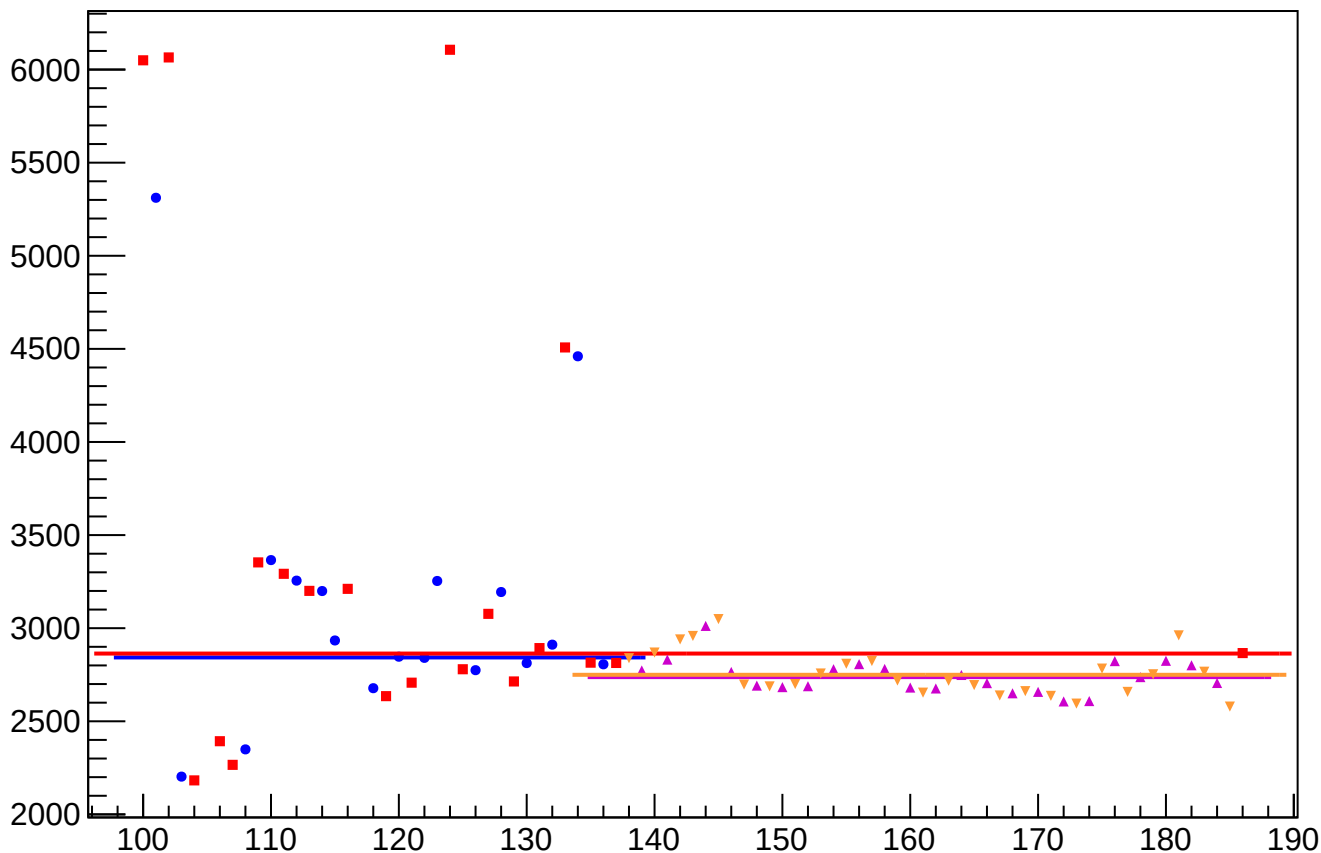
Left In: -3254.085 $\pm$ 652.364 χ^2 /NDF:14.8/22

+ sign 1246.253 $\pm$ 556.883 χ^2 /NDF: 48.9/41

All: -772.616 $\pm$ 394.344 χ^2 /NDF: 121.1/84

- sign -2803.179 $\pm$ 558.494 χ^2 /NDF: 45.8/42

dit_asym_atr2_rms vs Slug



Right In: 2842.874+/-0.790 χ^2/NDF : 488114.5/16

Left Out: 2749.662+/-0.454 χ^2/NDF : 61223.5/24

Right Out: 2863.742+/-0.764 χ^2/NDF : 760764.1/19

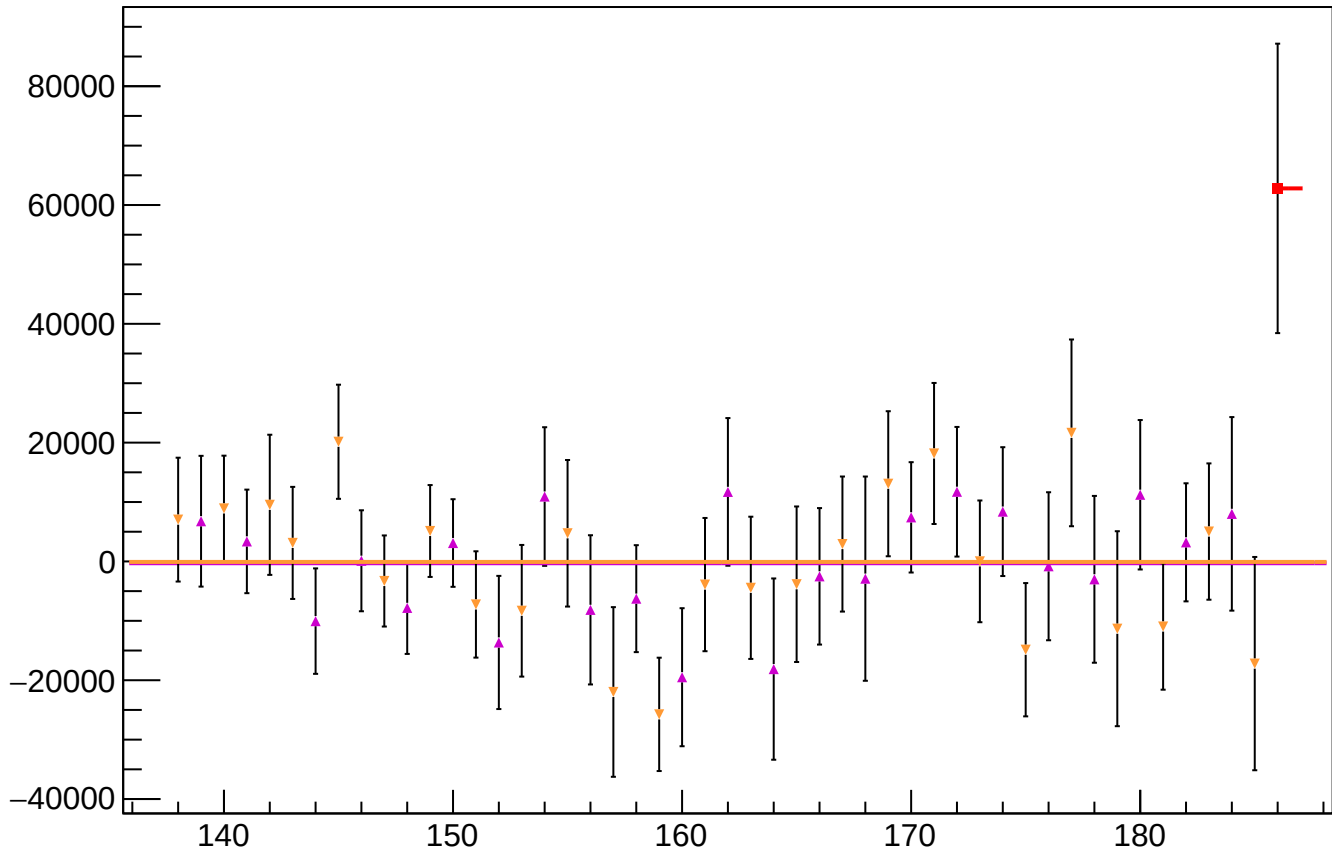
Left In: 2737.277+/-0.461 χ^2/NDF : 36772.0/22

+ sign 2772.819+/-0.394 χ^2/NDF : 559800.3/41

All: 2771.948+/-0.279 χ^2/NDF : 1377431.4/84

- sign 2771.072+/-0.395 χ^2/NDF : 817621.2/42

asym_atr2_correction_mean vs Slug



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

Left Out: -82.636 $\pm$ 2156.495 χ^2 /NDF:28.5/24

Right Out: 62798.720 $\pm$ 24362.857 χ^2 /NDF: 0.0/0

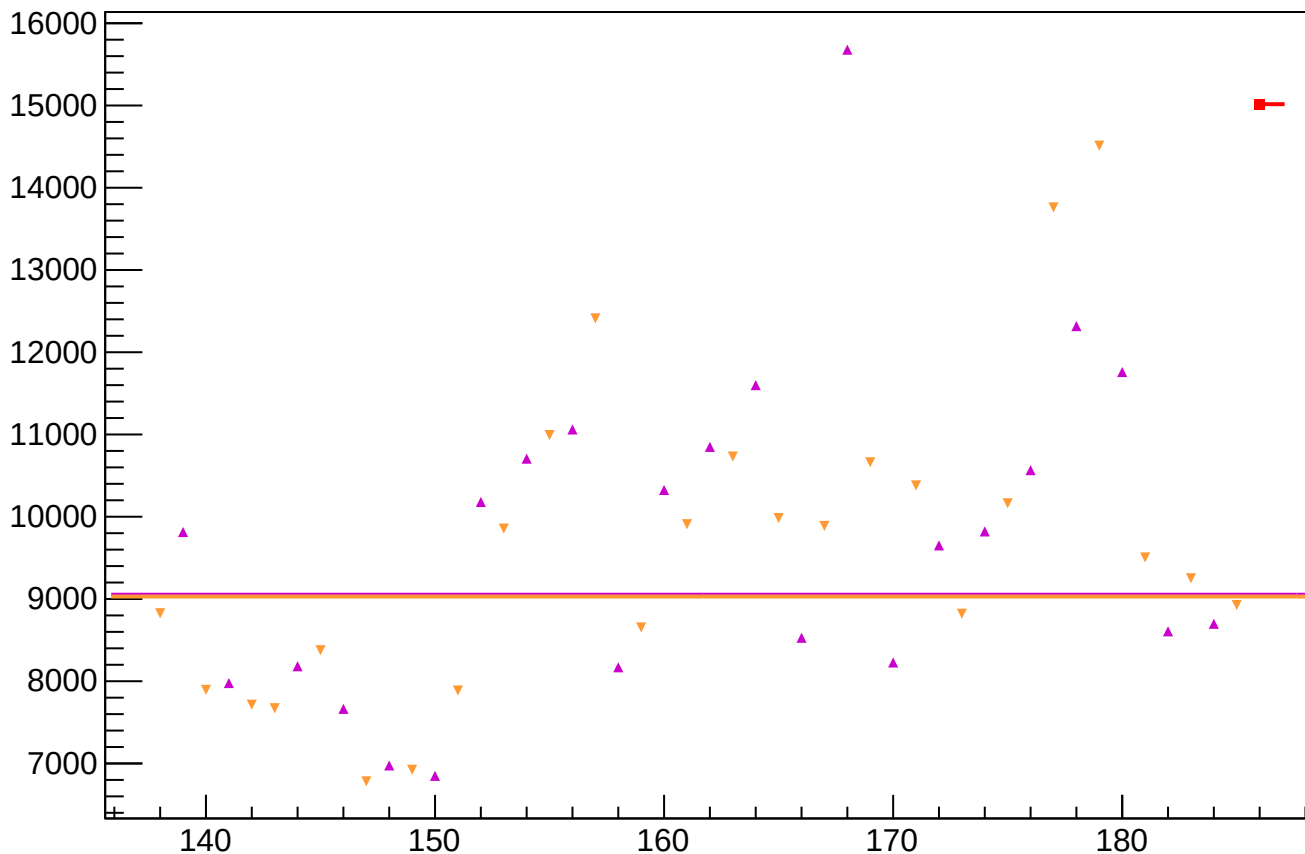
Left In: -302.846 $\pm$ 2201.549 χ^2 /NDF:15.0/22

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

All: 60.395 $\pm$ 1537.483 χ^2 /NDF: 50.1/48

- sign 208.257 $\pm$ 2192.615 χ^2 /NDF: 21.7/23

asym_atr2_correction_rms vs Slug



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

Left Out: 9029.768+/-1.525 χ^2/NDF :1205548.5/24

Right Out: 15015.943+/-17.227 χ^2/NDF : 0.0/0

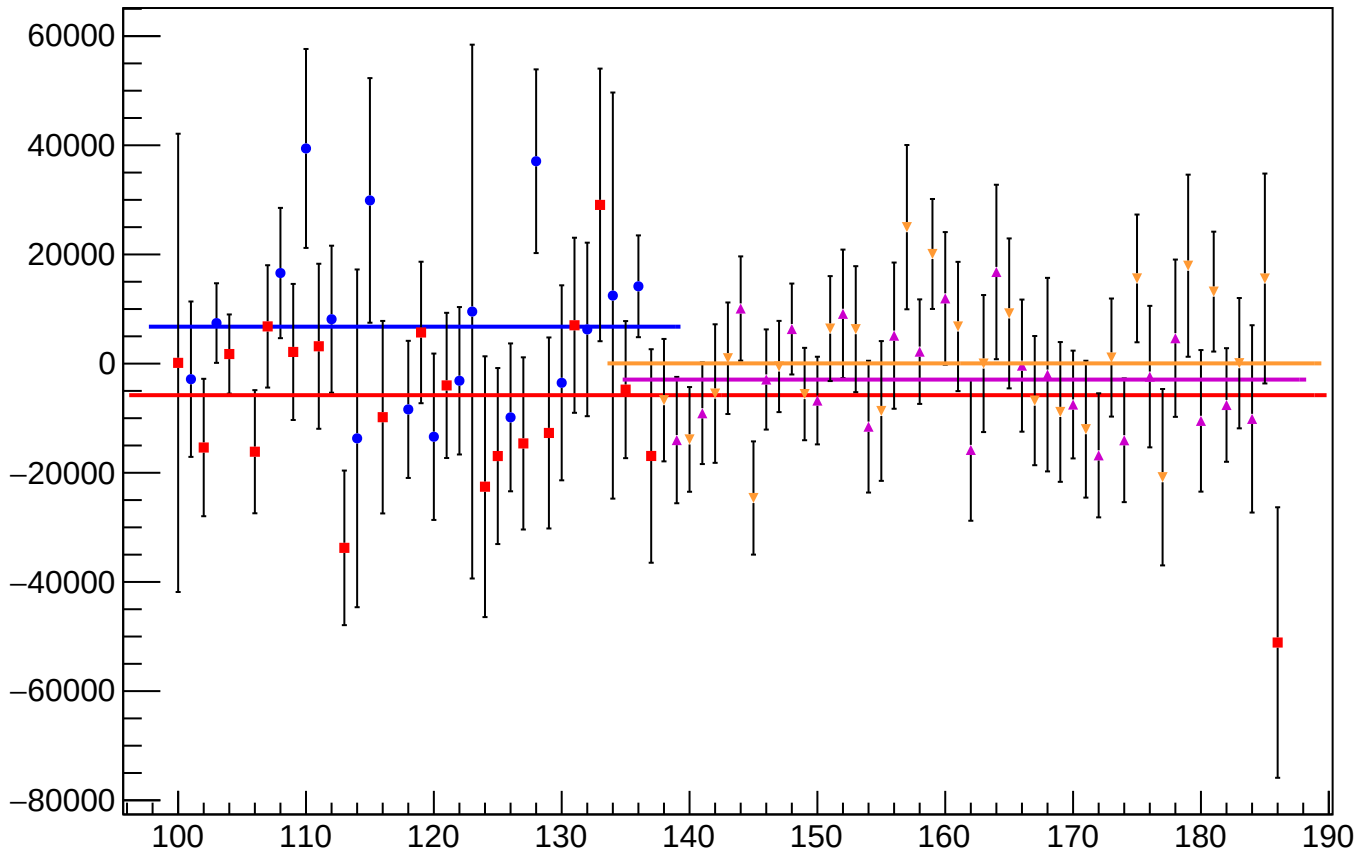
Left In: 9051.613+/-1.557 χ^2/NDF :1255222.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9064.262+/-1.087 χ^2/NDF : 2580707.5/48

- sign 9099.922+/-1.550 χ^2/NDF : 1374118.2/23

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

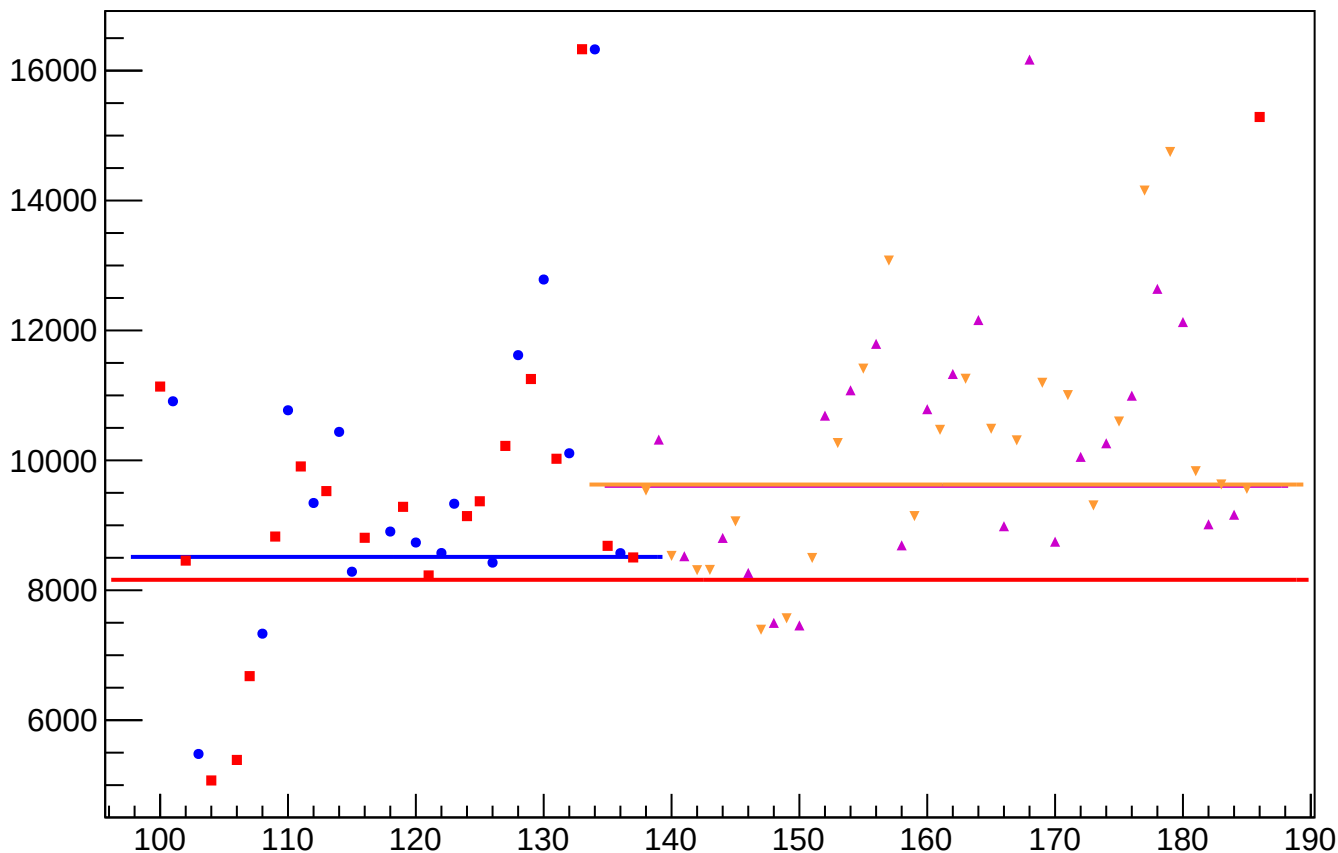
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF: 14.6/22

+ 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 ± 2.395 χ^2/NDF : 762614.5/16

Left Out: 9627.824 ± 1.620 χ^2/NDF : 1004641.7/24

Right Out: 8161.140 ± 2.222 χ^2/NDF : 1120339.3/19

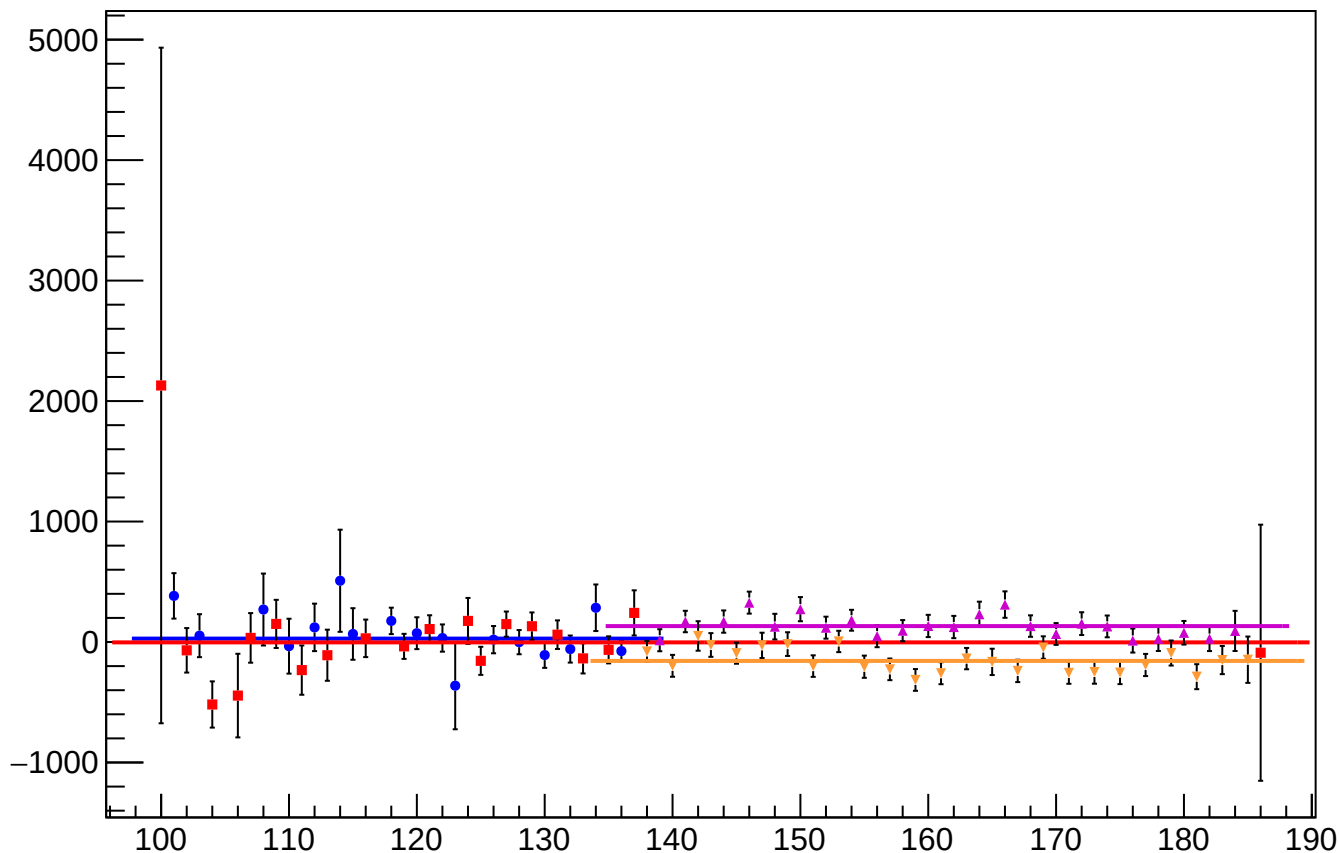
Left In: 9607.553 ± 1.648 χ^2/NDF : 1085465.7/22

+ sign 9278.129 ± 1.342 χ^2/NDF : 1915736.0/41

All: 9184.897 ± 0.942 χ^2/NDF : 4404483.7/84

- sign 9094.179 ± 1.324 χ^2/NDF : 2479222.3/42

dit_asym_sam1_mean vs Slug



Right In: 28.303 ± 33.679 χ^2/NDF : 14.5/16

Left Out: -156.954 ± 19.364 χ^2/NDF : 26.0/24

Right Out: -3.049 ± 33.674 χ^2/NDF : 22.3/19

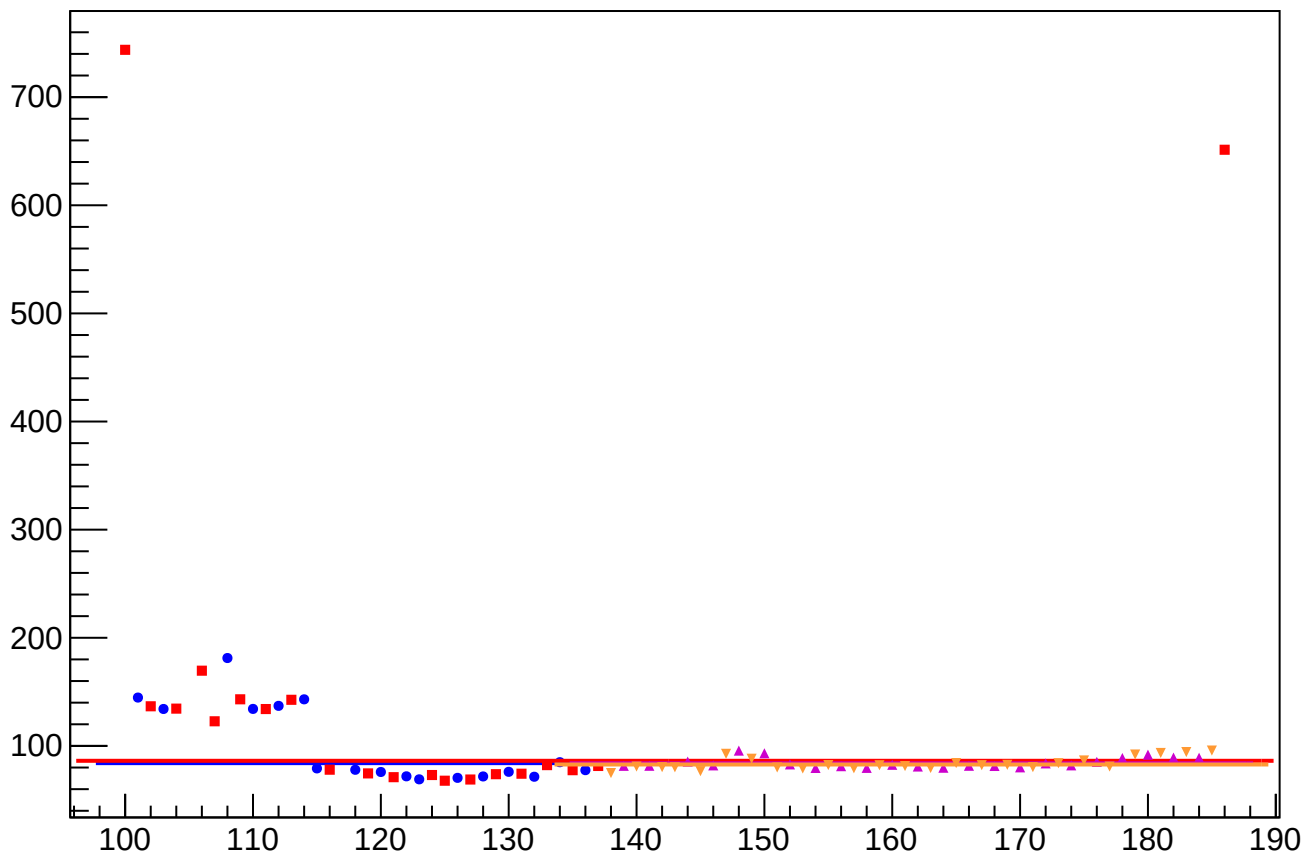
Left In: 132.100 ± 20.015 χ^2/NDF : 17.9/22

+ sign -110.927 ± 16.787 χ^2/NDF : 63.3/41

All: -9.611 ± 12.015 χ^2/NDF : 190.0/84

- sign 96.819 ± 17.205 χ^2/NDF : 52.1/42

dit_asym_sam1_rms vs Slug



Right In: 84.067 $\pm$ 0.024 χ^2 /NDF: 1005835.5/16

Left Out: 82.818 $\pm$ 0.014 χ^2 /NDF:135988.7/24

Right Out: 86.234 $\pm$ 0.024 χ^2 /NDF: 1781100.9/19

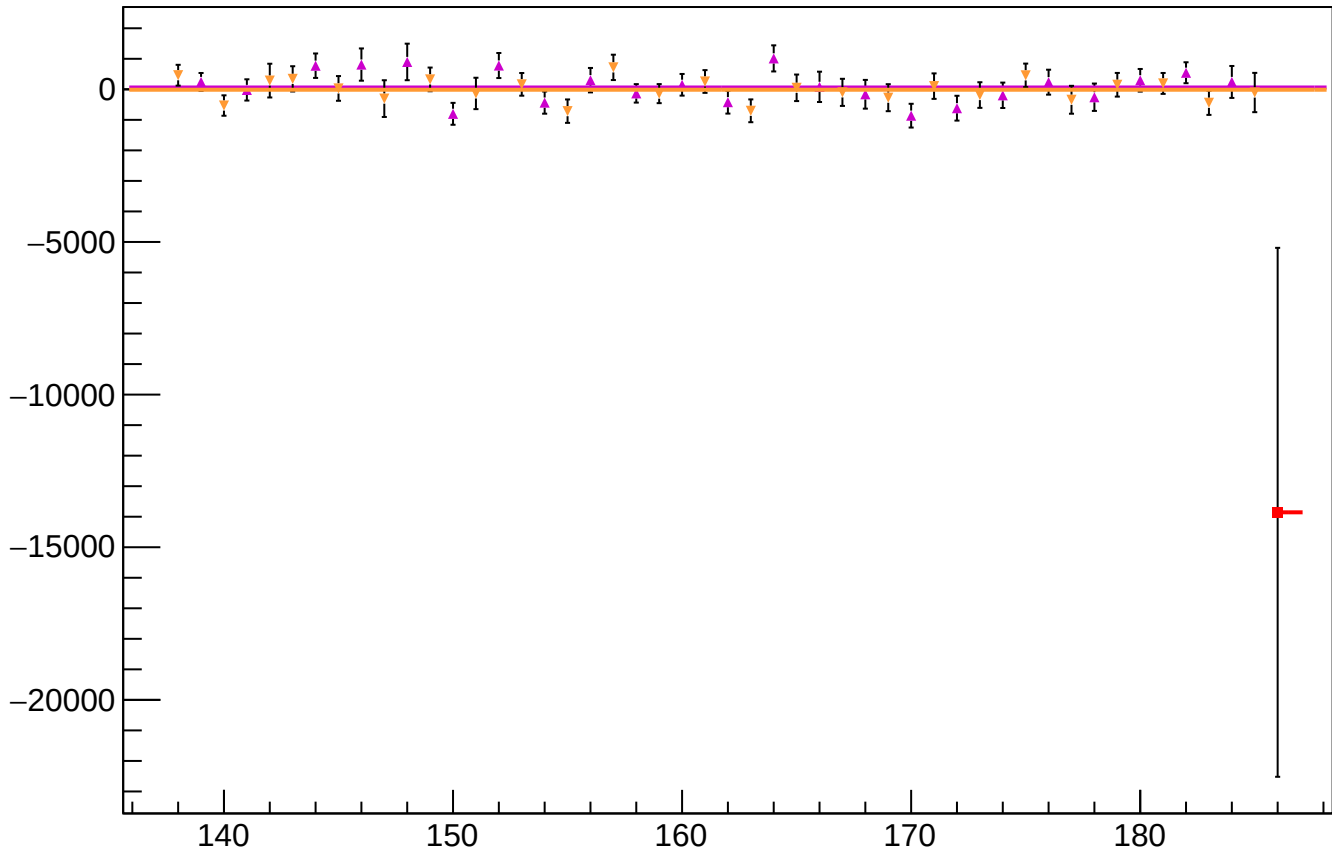
Left In: 83.857 $\pm$ 0.014 χ^2 /NDF:94568.8/22

+ sign 83.128 $\pm$ 0.012 χ^2 /NDF: 1143891.5/41

All: 83.786 $\pm$ 0.008 χ^2 /NDF: 3033229.8/84

- sign 84.477 $\pm$ 0.012 χ^2 /NDF: 1883038.0/42

asym_sam1_correction_mean vs Slug



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

Left Out: -13.413 ± 80.897 χ^2/NDF : 21.6/24

Right Out: -13856.099 ± 8663.485 χ^2/NDF : 0.0/0

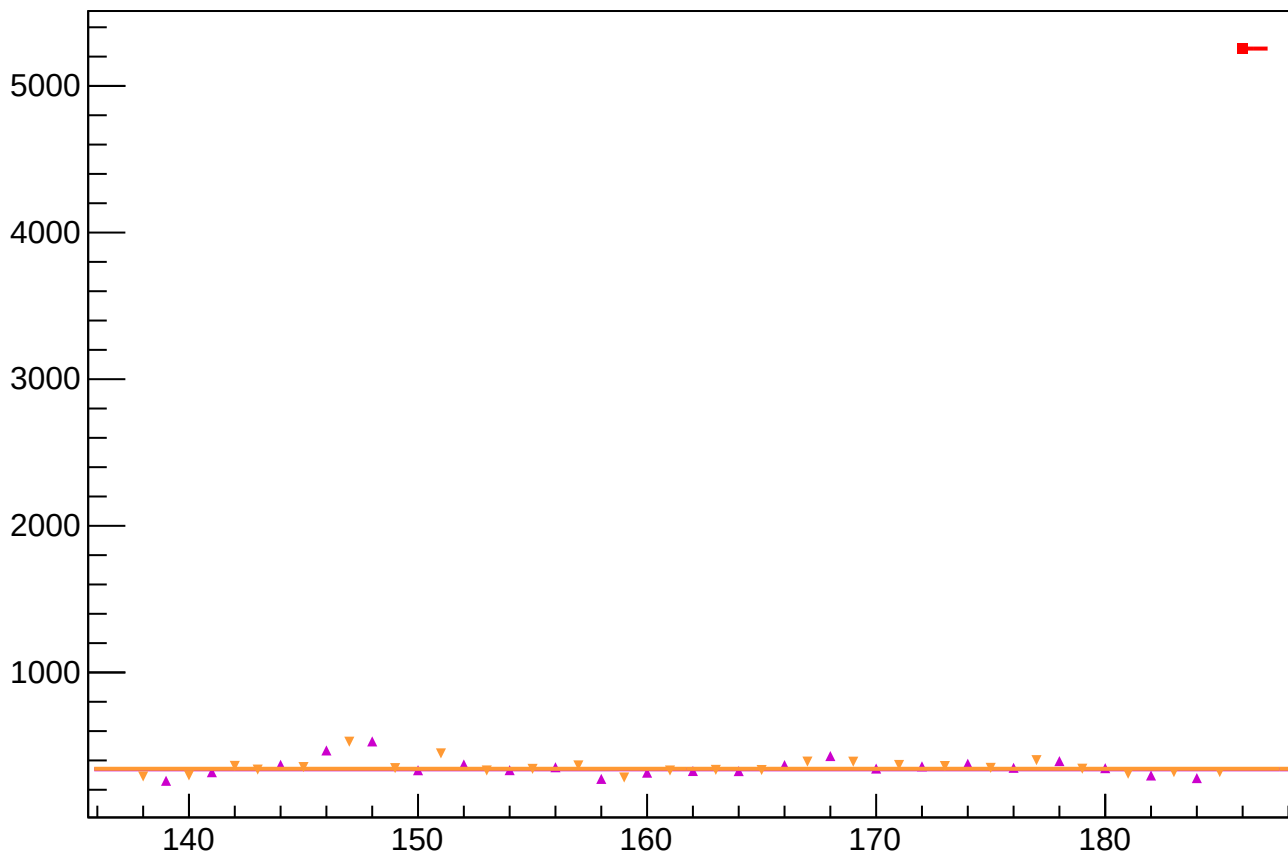
Left In: 60.223 ± 81.951 χ^2/NDF : 37.9/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 22.316 ± 57.571 χ^2/NDF : 62.5/48

- sign 58.978 ± 81.947 χ^2/NDF : 40.5/23

asym_sam1_correction_rms vs Slug



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

Left Out: 343.128+/-0.057 χ^2/NDF : 566334.3/24

Right Out: 5254.786+/-6.126 χ^2/NDF : 0.0/0

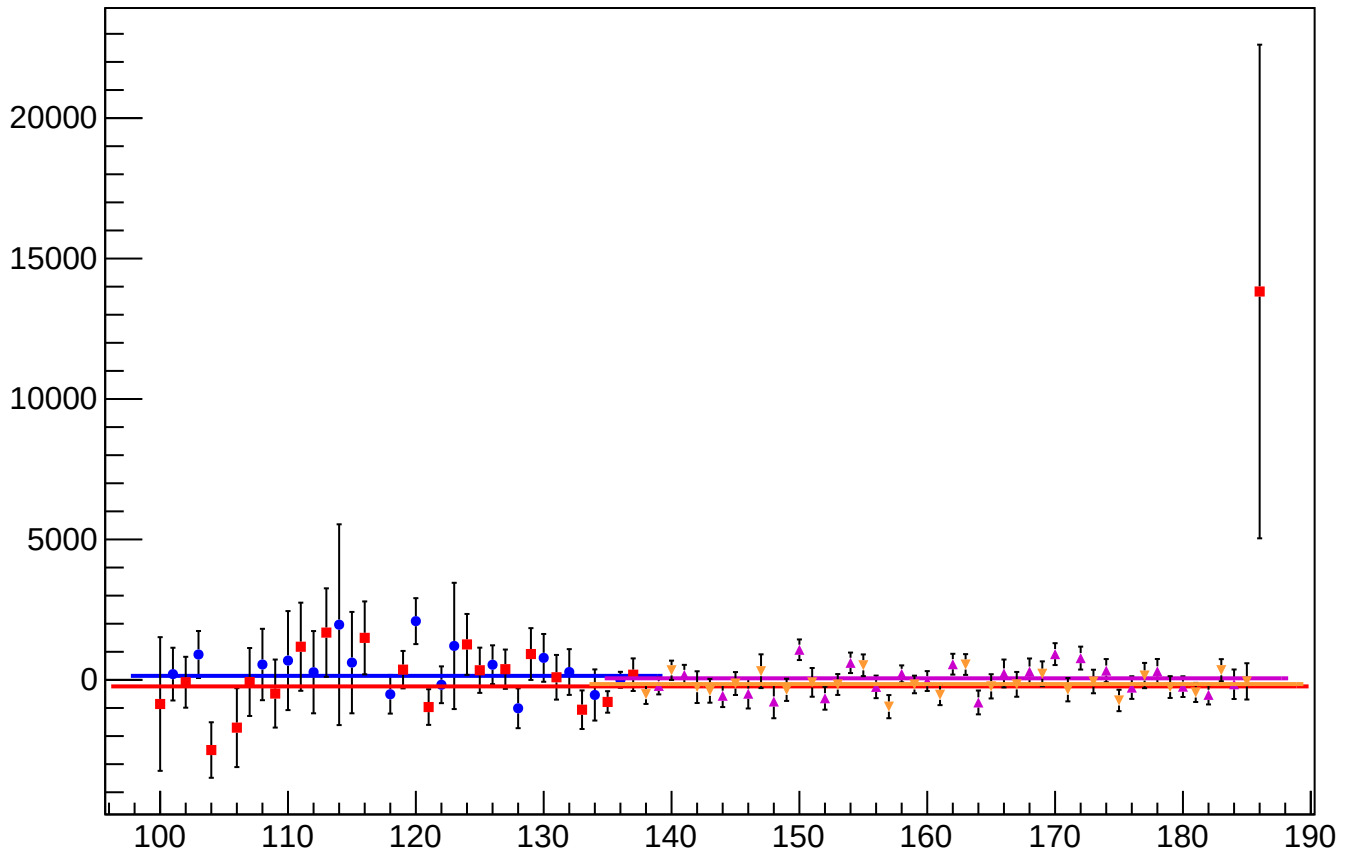
Left In: 339.423+/-0.058 χ^2/NDF : 795958.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.517+/-0.041 χ^2/NDF : 2007651.1/48

- sign 339.863+/-0.058 χ^2/NDF : 1439708.3/23

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

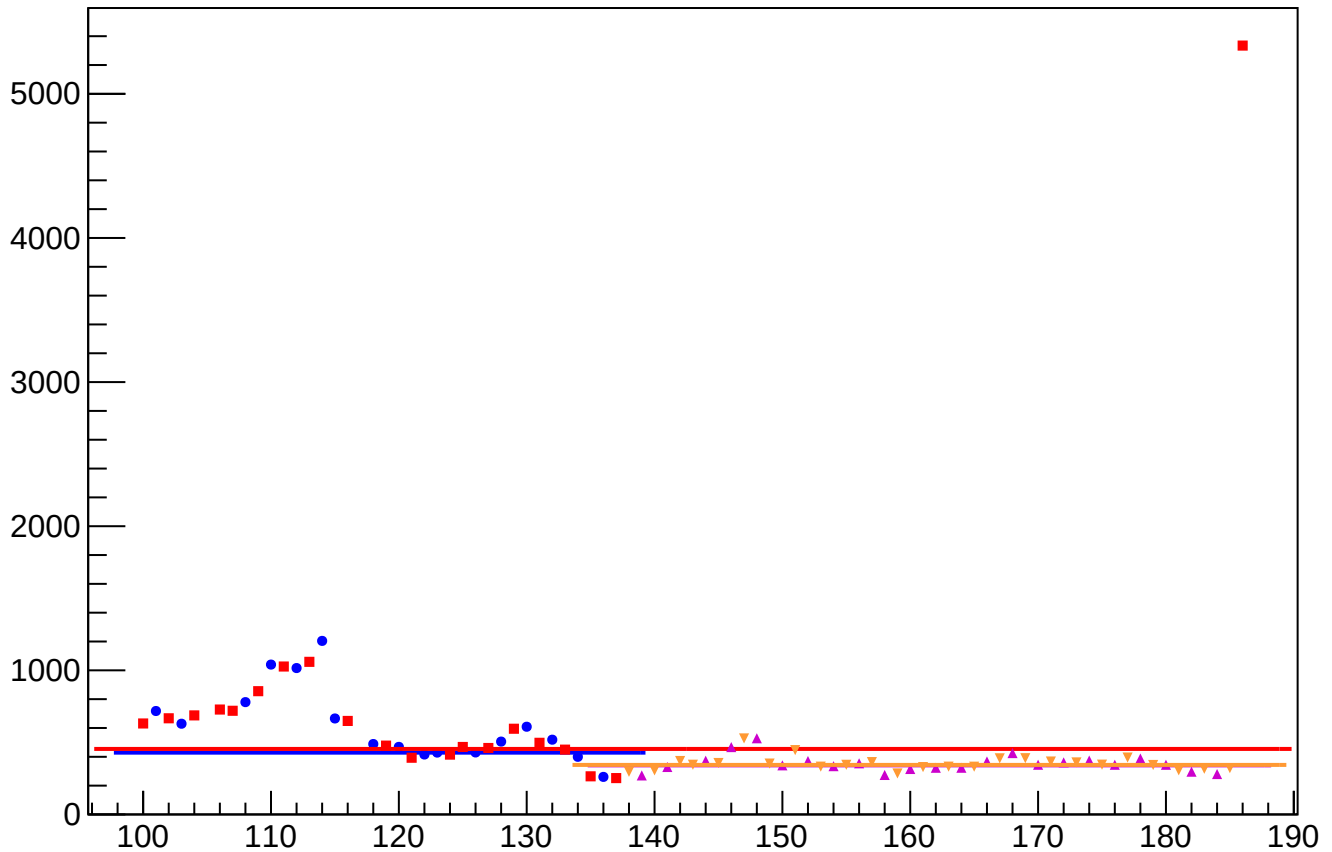
Left In: 56.402 ± 82.155 χ^2/NDF : 39.7/22

+ 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

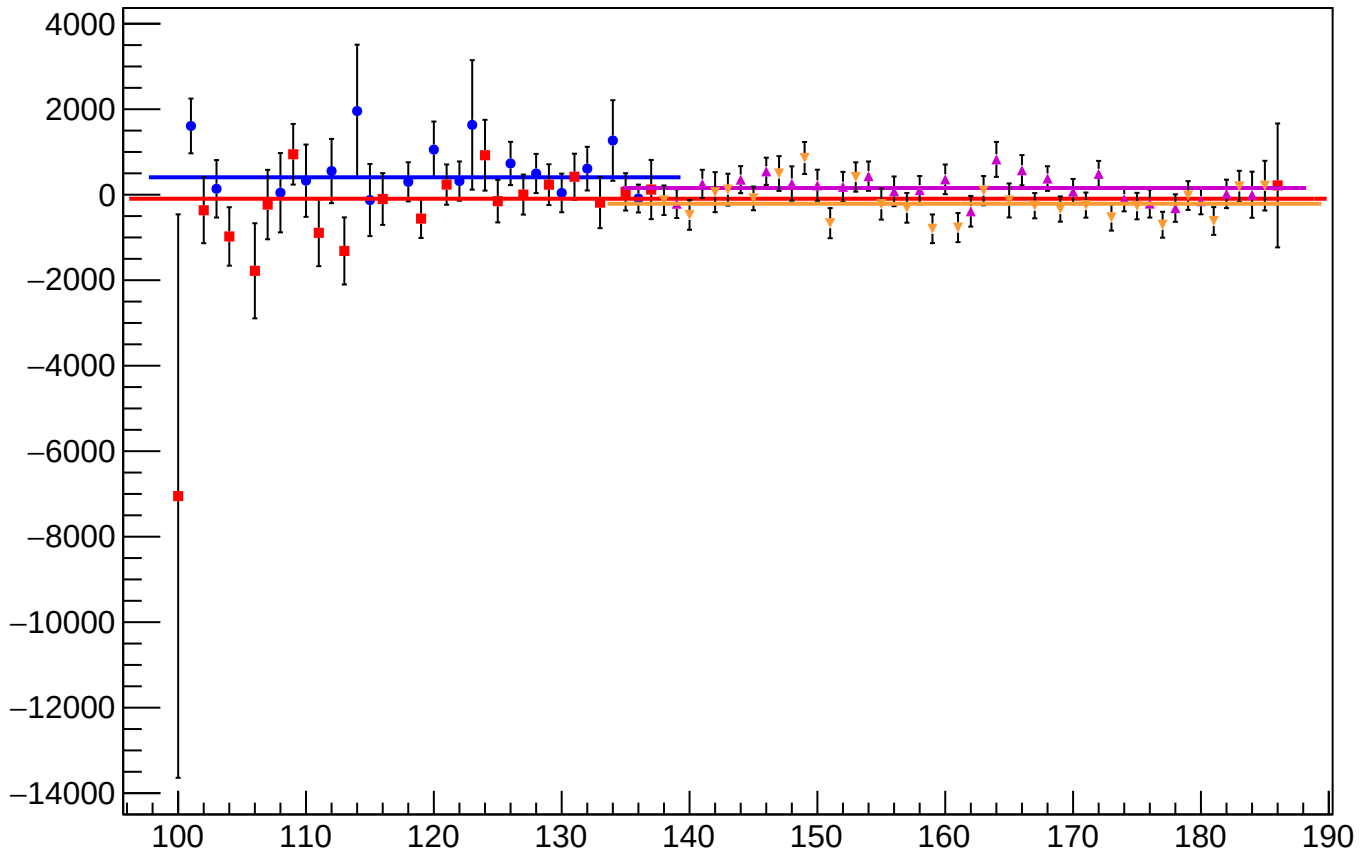
Right Out: 454.657 ± 0.130 χ^2/NDF : 2656400.4/19

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: 407.640 $\pm$ 139.972 χ^2 /NDF: 11.4/16

Left Out: -210.579 $\pm$ 68.284 χ^2 /NDF: 32.3/24

Right Out: -93.979 $\pm$ 138.553 χ^2 /NDF: 15.7/19

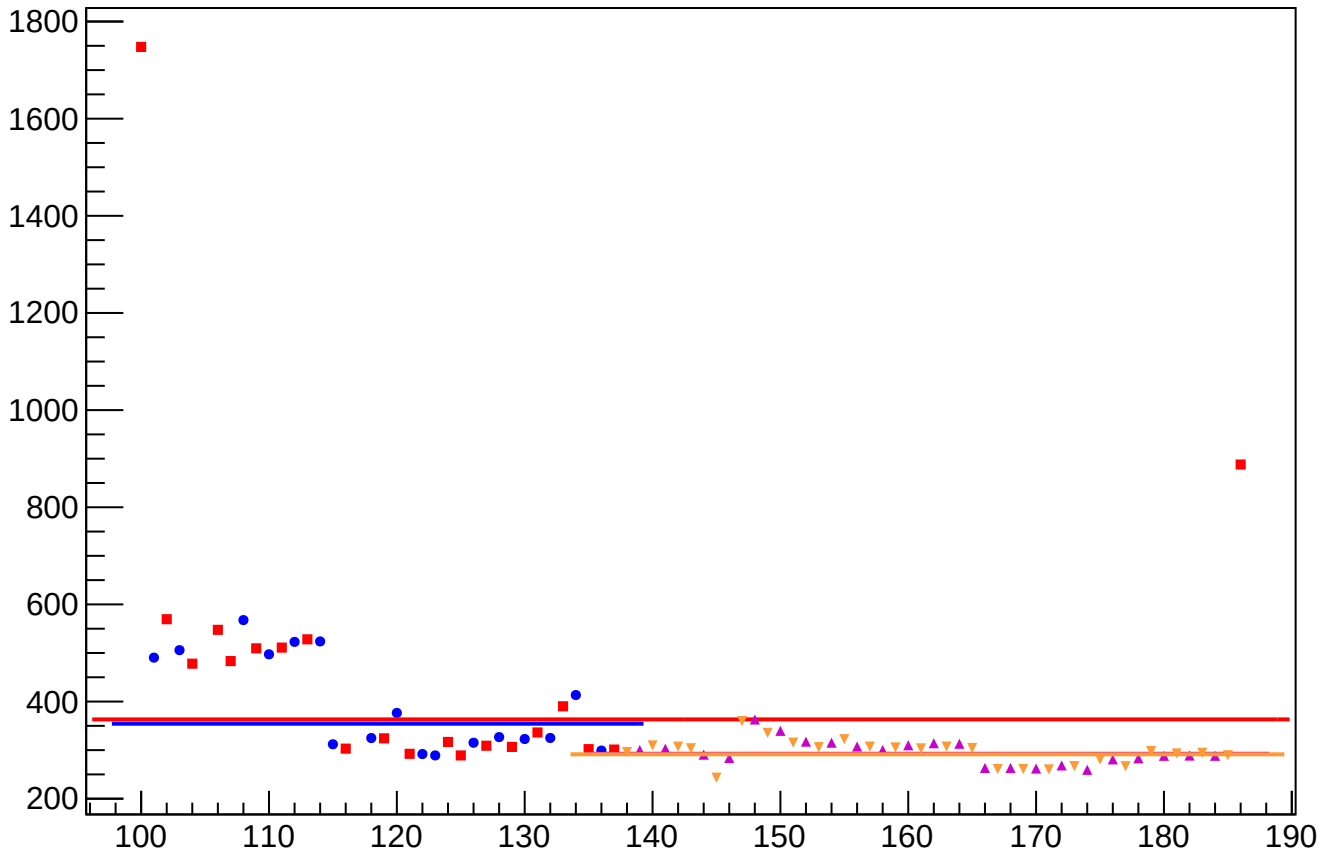
Left In: 156.945 $\pm$ 69.984 χ^2 /NDF: 18.0/22

+ sign -91.733 $\pm$ 61.370 χ^2 /NDF: 59.5/41

All: 5.352 $\pm$ 43.778 χ^2 /NDF: 100.8/84

- sign 105.939 $\pm$ 62.468 χ^2 /NDF: 36.3/42

dit_asym_sam2_rms vs Slug



Right In: 354.426+/-0.099 χ^2/NDF : 636260.3/16

Left Out: 291.386+/-0.048 χ^2/NDF : 293095.3/24

Right Out: 363.260+/-0.098 χ^2/NDF : 1143943.3/19

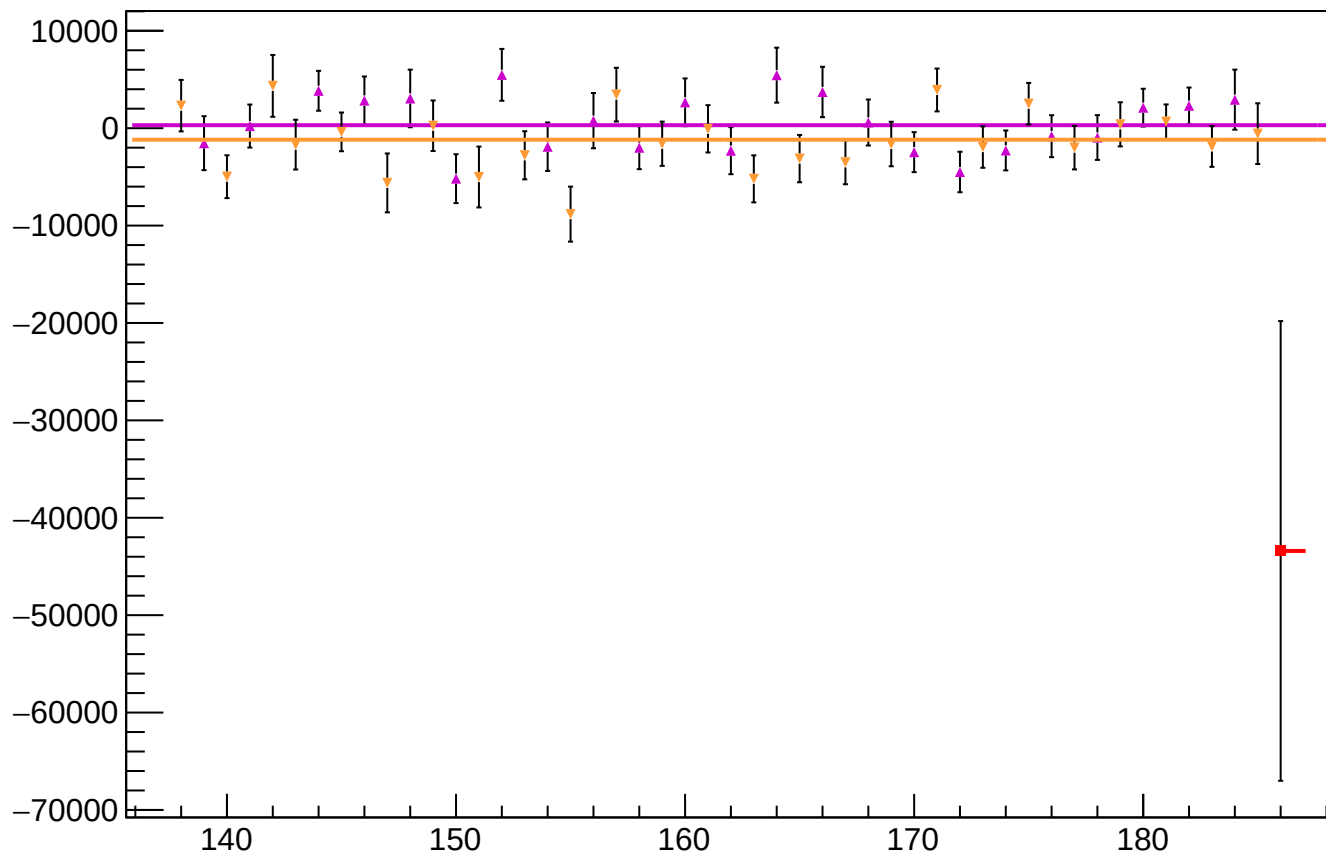
Left In: 292.469+/-0.049 χ^2/NDF : 239778.2/22

+ sign 303.504+/-0.043 χ^2/NDF : 1257050.9/41

All: 305.152+/-0.031 χ^2/NDF : 3059683.8/84

- sign 306.859+/-0.044 χ^2/NDF : 1799698.2/42

asym_sam2_correction_mean vs Slug



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

Left Out: -1182.788 ± 475.576 χ^2/NDF : 37.6/24

Right Out: -43405.471 ± 23601.065 χ^2/NDF : 0.0/0

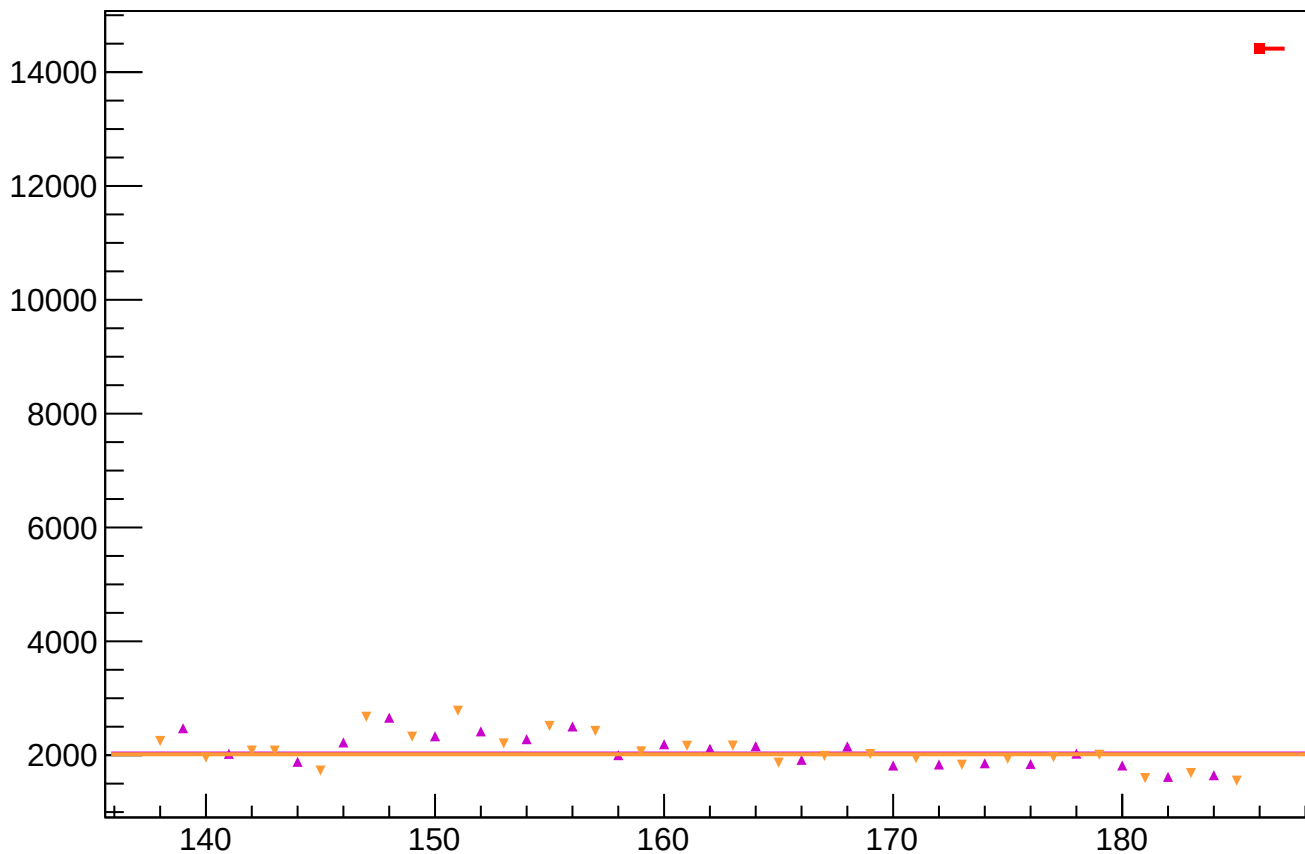
Left In: 306.633 ± 487.657 χ^2/NDF : 35.0/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -465.692 ± 340.438 χ^2/NDF : 80.7/48

- sign 287.978 ± 487.553 χ^2/NDF : 38.5/23

asym_sam2_correction_rms vs Slug



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

Left Out: 2015.502+/-0.336 χ^2/NDF : 672832.0/24

Right Out: 14413.140+/-16.688 χ^2/NDF : 0.0/0

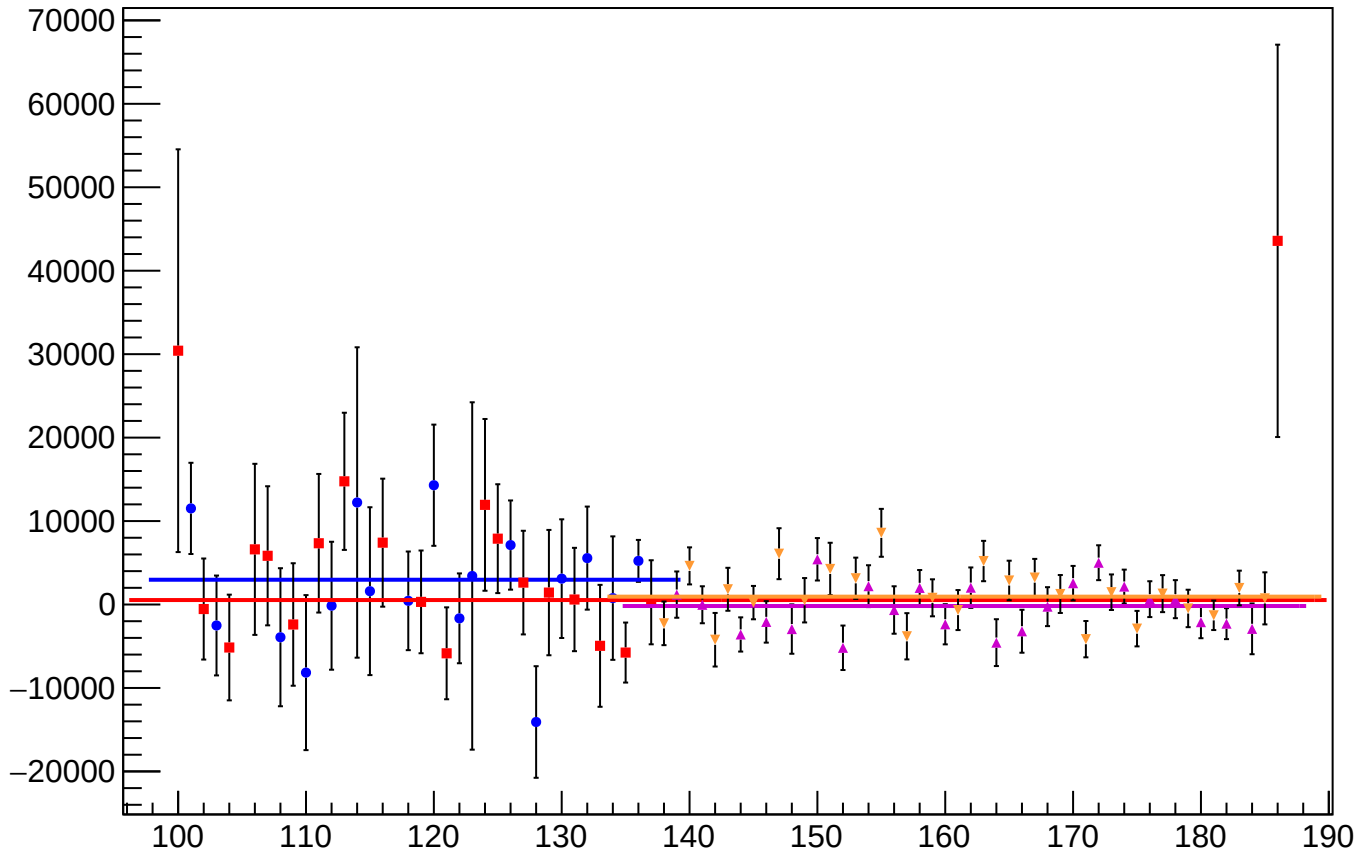
Left In: 2028.571+/-0.345 χ^2/NDF : 555843.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2024.451+/-0.241 χ^2/NDF : 1780610.0/48

- sign 2033.856+/-0.345 χ^2/NDF : 1106325.6/23

asym_sam2_mean vs Slug



Right In: 2969.125+/-1440.489 χ^2/NDF : 17.4/16

Left Out: 942.775+/-474.439 χ^2/NDF : 38.3/24

Right Out: 535.568+/-1503.977 χ^2/NDF : 18.7/19

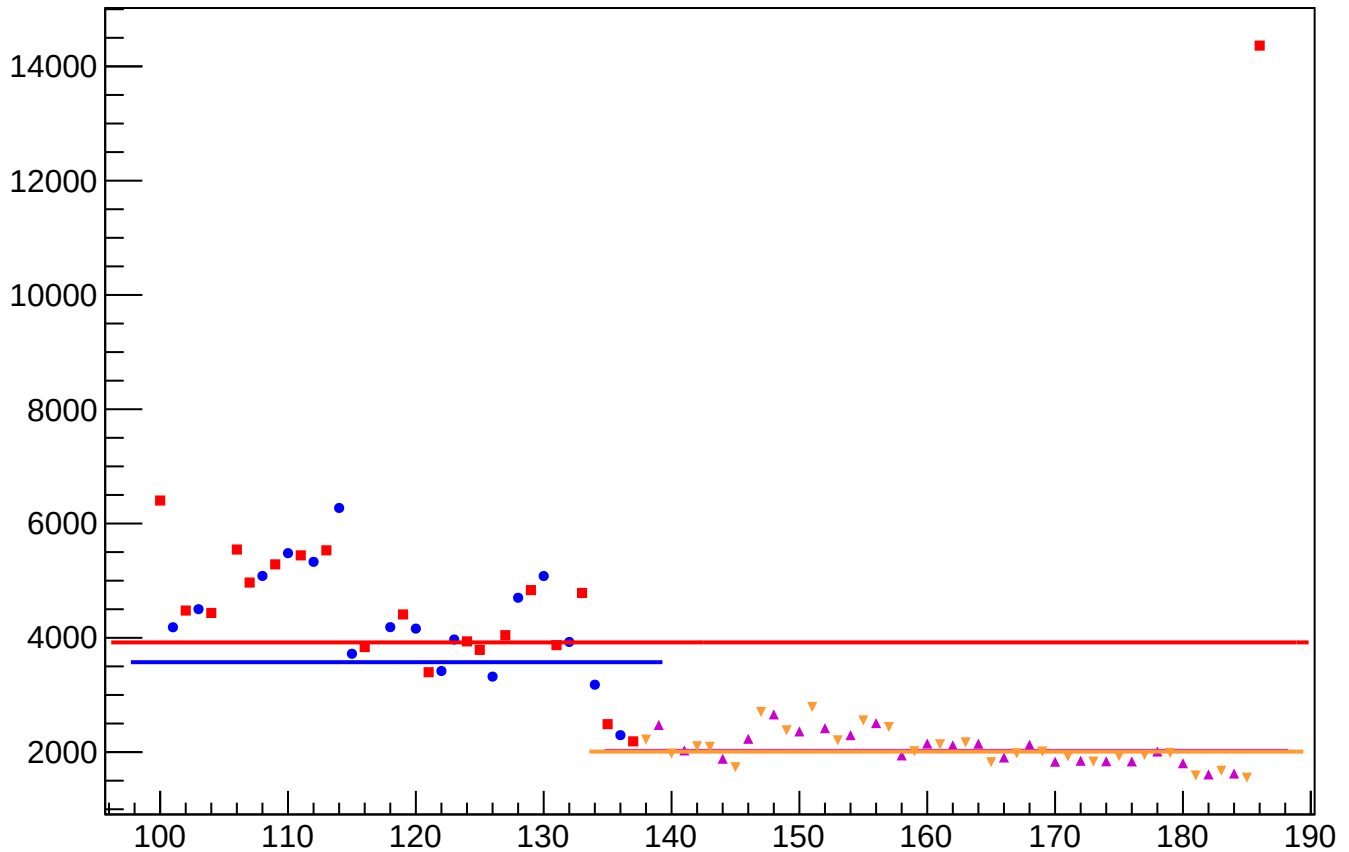
Left In: -180.087+/-486.112 χ^2/NDF : 32.9/22

+ sign 1141.077+/-450.627 χ^2/NDF : 57.4/41

All: 530.706+/-322.774 χ^2/NDF : 113.0/84

- sign -112.395+/-462.550 χ^2/NDF : 51.8/42

asym_sam2_rms vs Slug



Right In: 3573.470+/-1.019 χ^2/NDF : 1088731.5/16

Left Out: 2008.897+/-0.335 χ^2/NDF : 709254.4/24

Right Out: 3919.832+/-1.063 χ^2/NDF : 1384716.7/19

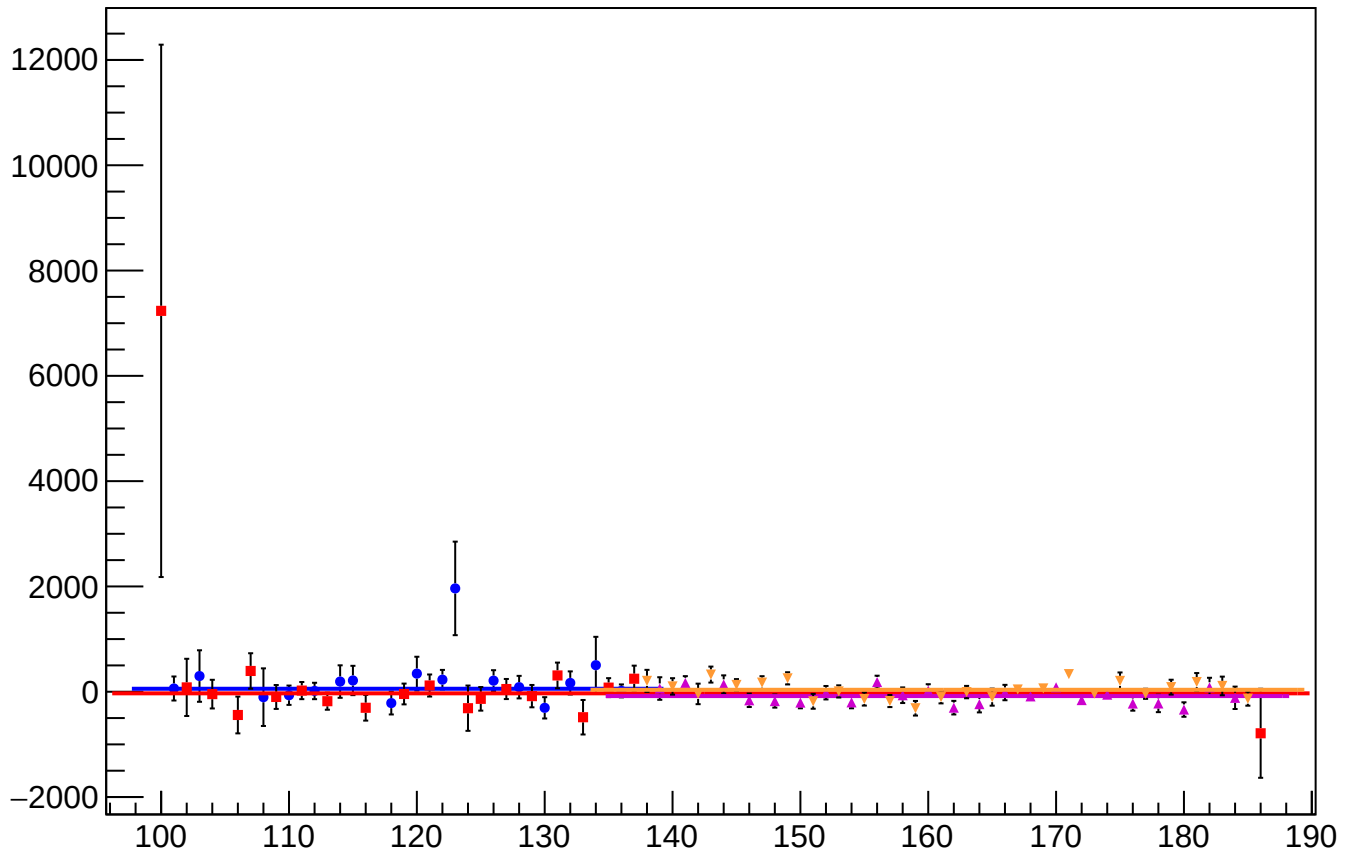
Left In: 2020.887+/-0.344 χ^2/NDF : 576363.5/22

+ sign 2162.009+/-0.319 χ^2/NDF : 3926489.8/41

All: 2180.754+/-0.228 χ^2/NDF : 8781486.7/84

- sign 2200.505+/-0.327 χ^2/NDF : 4847889.9/42

dit_asym_sam3_mean vs Slug



Right In: 56.595+/-53.880 χ^2/NDF : 14.1/16

Left Out: 37.025+/-24.393 χ^2/NDF : 41.9/24

Right Out: -30.396+/-53.923 χ^2/NDF : 15.1/19

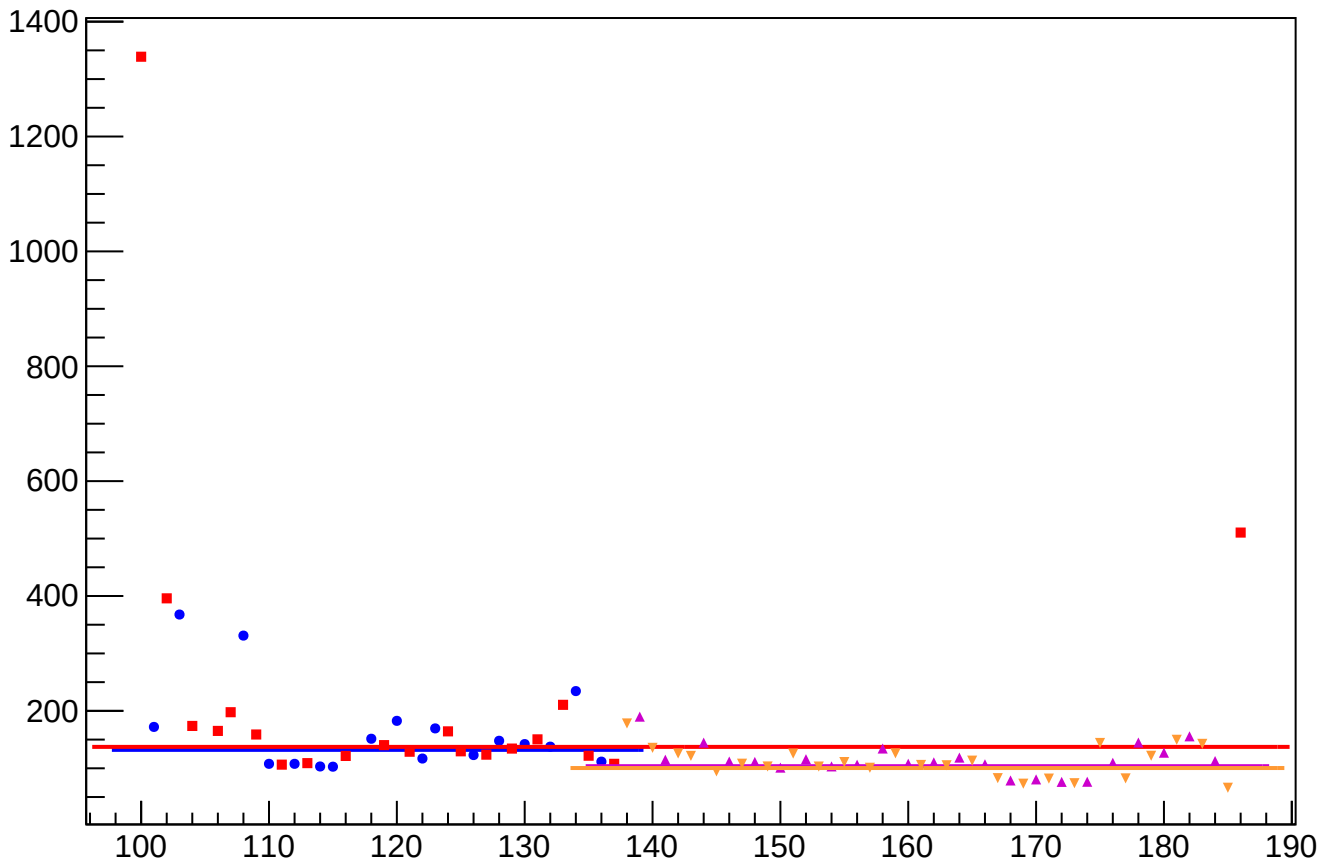
Left In: -82.367+/-25.719 χ^2/NDF : 29.6/22

+ sign 40.354+/-22.222 χ^2/NDF : 56.1/41

All: -13.724+/-16.052 χ^2/NDF : 114.0/84

- sign -72.735+/-23.214 χ^2/NDF : 45.5/42

dit_asym_sam3_rms vs Slug



Right In: 132.104 $\pm$ 0.038 χ^2 /NDF: 1144612.1/16

Left Out: 100.470 $\pm$ 0.017 χ^2 /NDF: 1857936.9/24

Right Out: 137.296 $\pm$ 0.038 χ^2 /NDF: 1400595.9/19

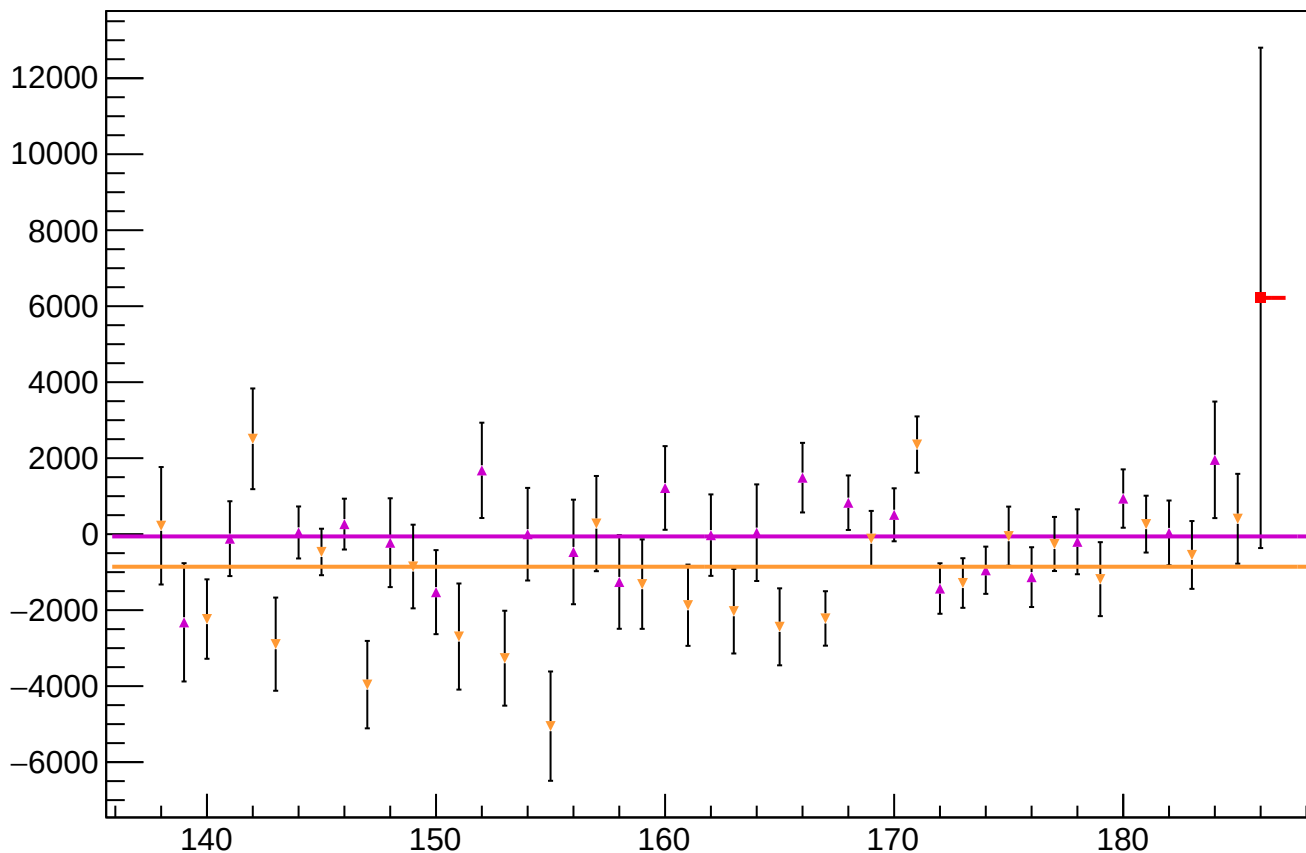
Left In: 103.707 $\pm$ 0.018 χ^2 /NDF: 1640646.4/22

+ sign 105.851 $\pm$ 0.016 χ^2 /NDF: 3574676.1/41

All: 107.803 $\pm$ 0.011 χ^2 /NDF: 7280391.7/84

- sign 109.932 $\pm$ 0.016 χ^2 /NDF: 3673462.1/42

asym_sam3_correction_mean vs Slug



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

Left Out: -857.296 $\pm$ 186.036 χ^2 /NDF:67.8/24

Right Out: 6219.069 $\pm$ 6585.139 χ^2 /NDF: 0.0/0

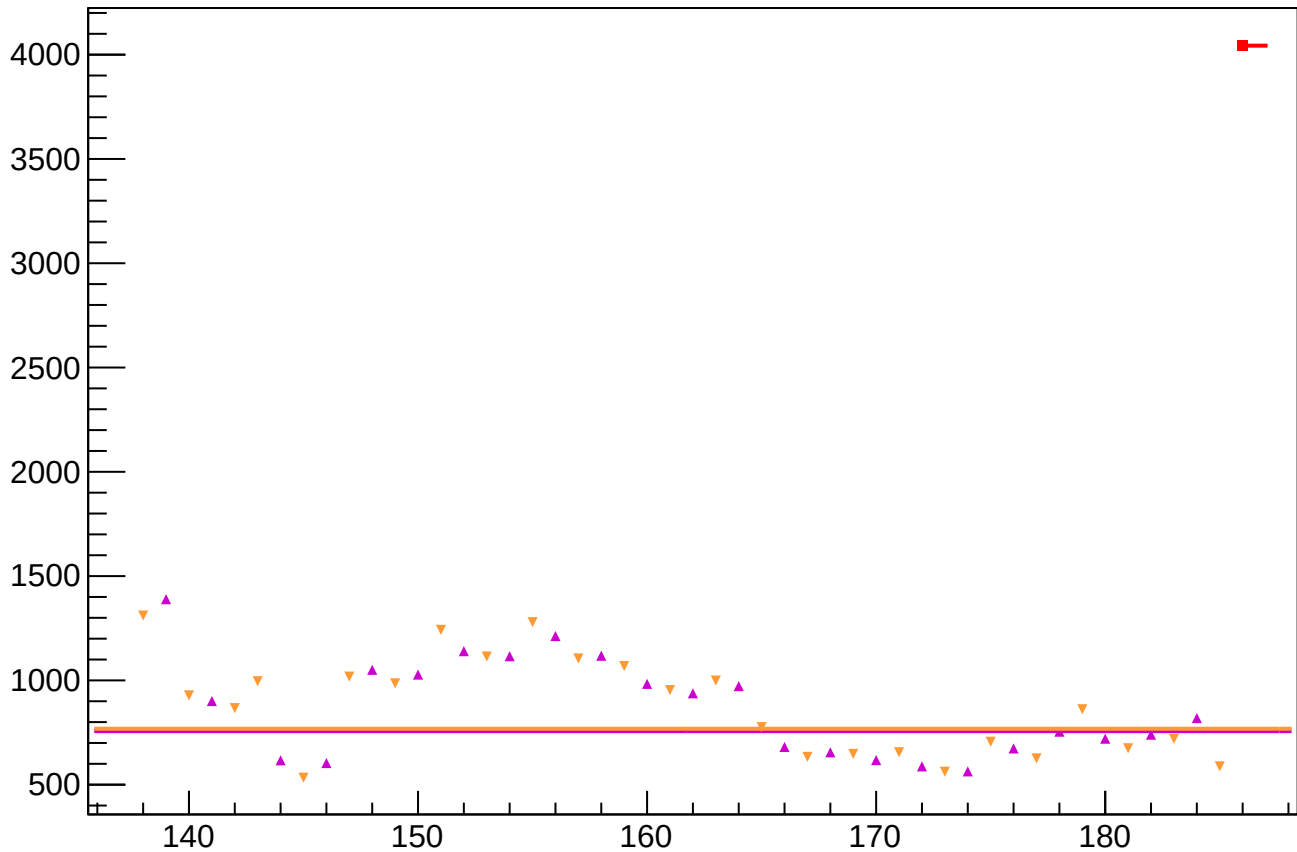
Left In: -59.875 $\pm$ 186.696 χ^2 /NDF:25.1/22

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

All: -457.322 $\pm$ 131.754 χ^2 /NDF: 103.1/48

- sign -54.832 $\pm$ 186.621 χ^2 /NDF: 26.0/23

asym_sam3_correction_rms vs Slug



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

Left Out: 768.280+/-0.132 χ^2/NDF : 2463696.6/24

Right Out: 4043.278+/-4.656 χ^2/NDF : 0.0/0

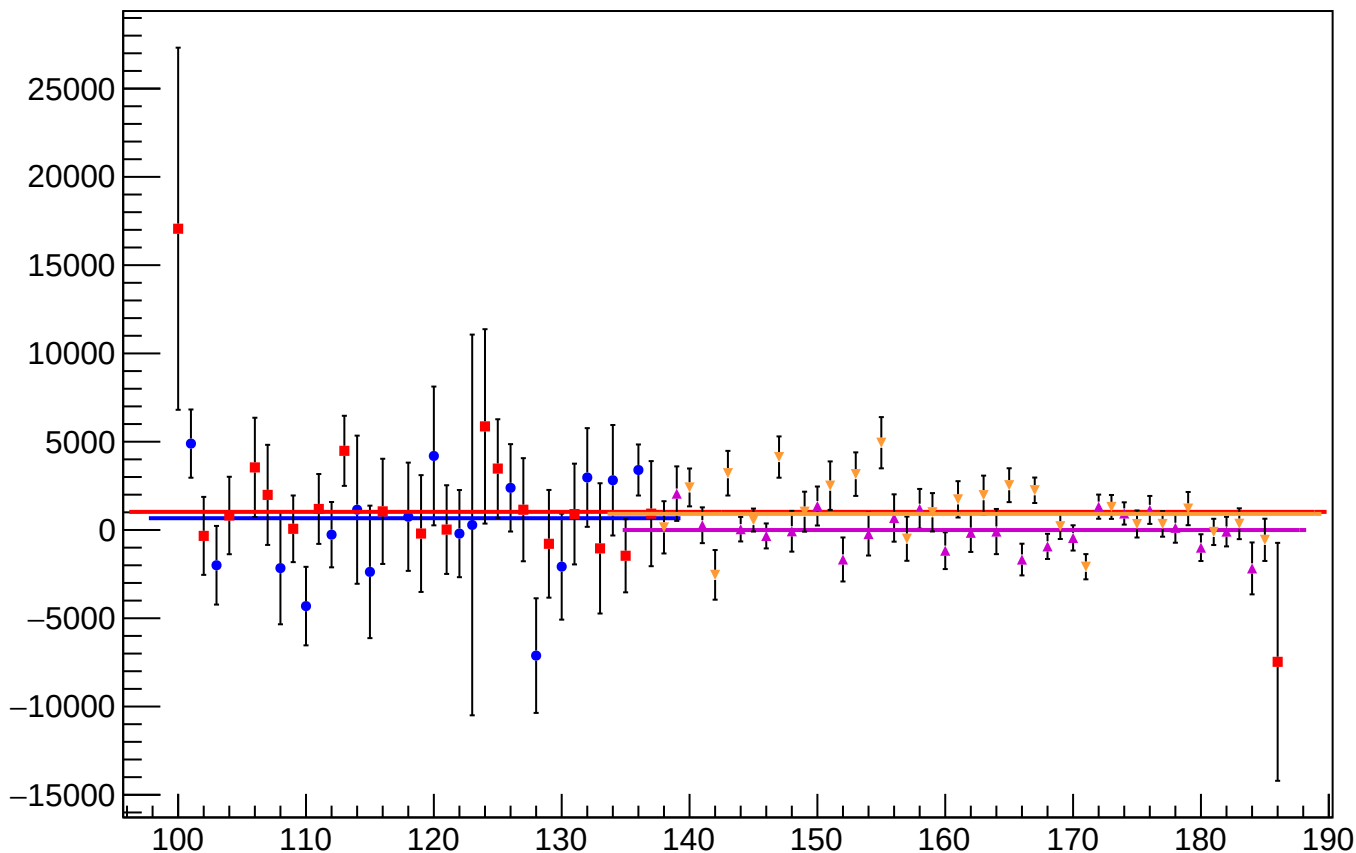
Left In: 756.684+/-0.132 χ^2/NDF : 2245661.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.816+/-0.093 χ^2/NDF : 5209454.4/48

- sign 759.324+/-0.132 χ^2/NDF : 2743447.5/23

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

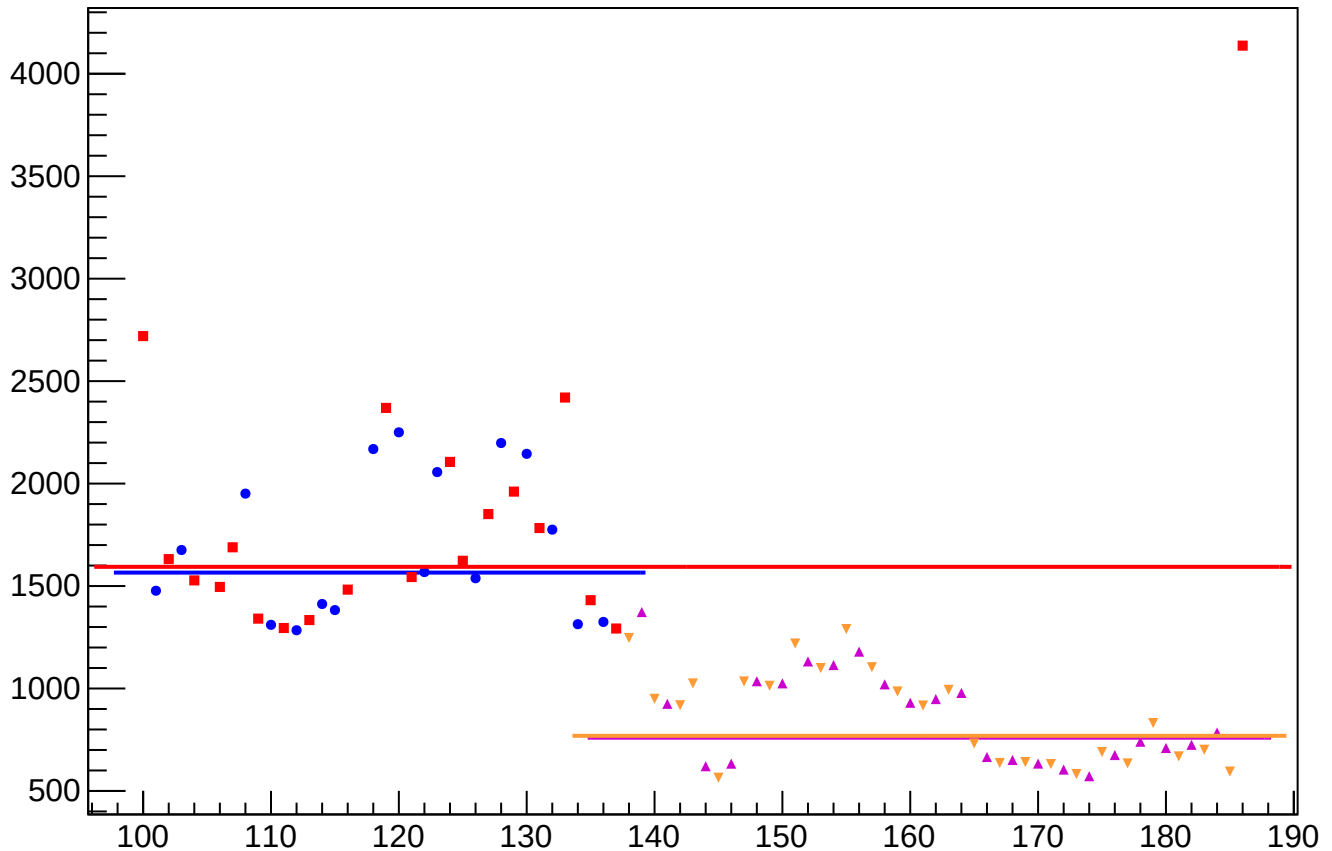
Left In: -2.470 ± 187.271 χ^2/NDF : 25.6/22

+ 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

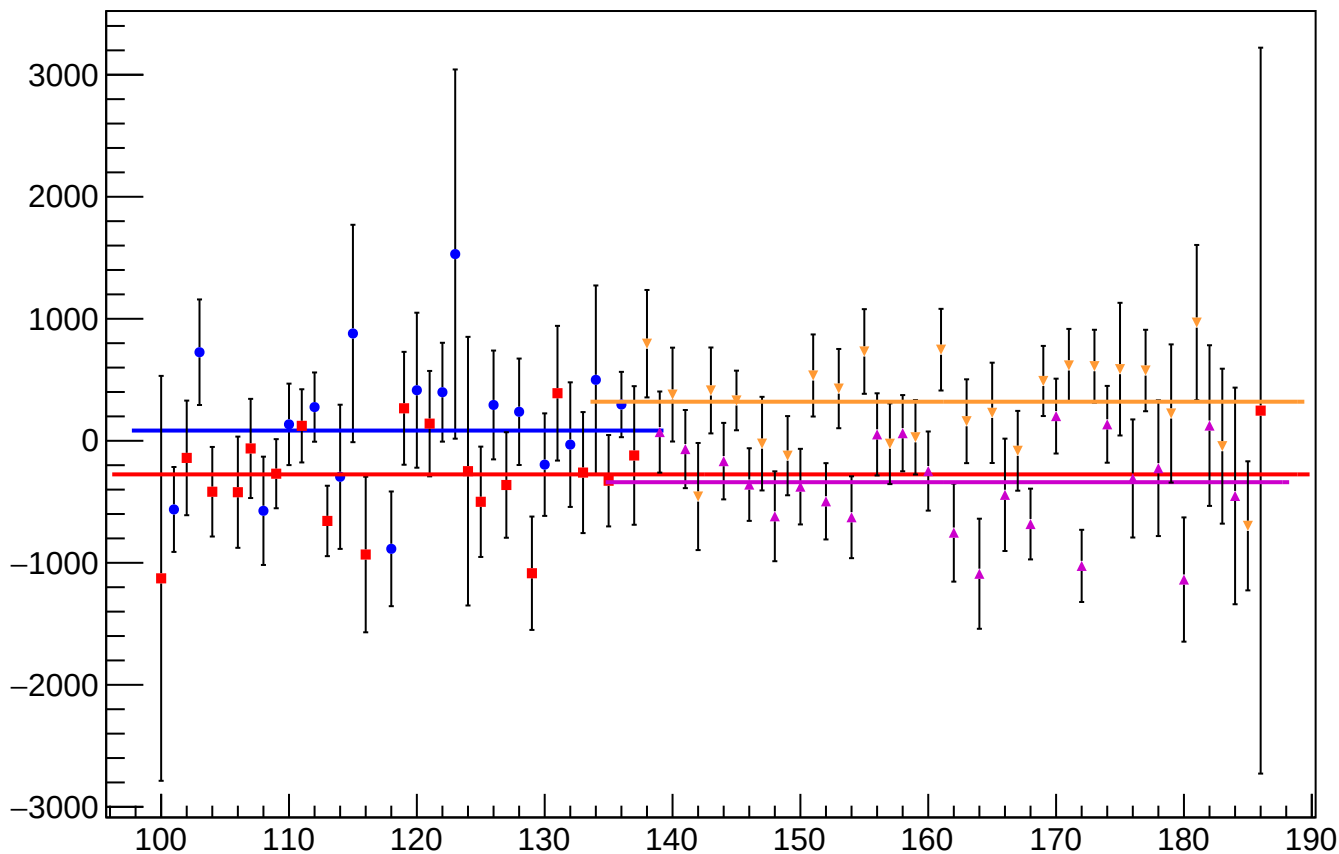
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ 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: 83.935 ± 103.619 $\chi^2/\text{NDF}: 17.3/16$

Left Out: 320.359 ± 71.442 $\chi^2/\text{NDF}: 22.6/24$

Right Out: -275.239 ± 97.745 $\chi^2/\text{NDF}: 12.6/19$

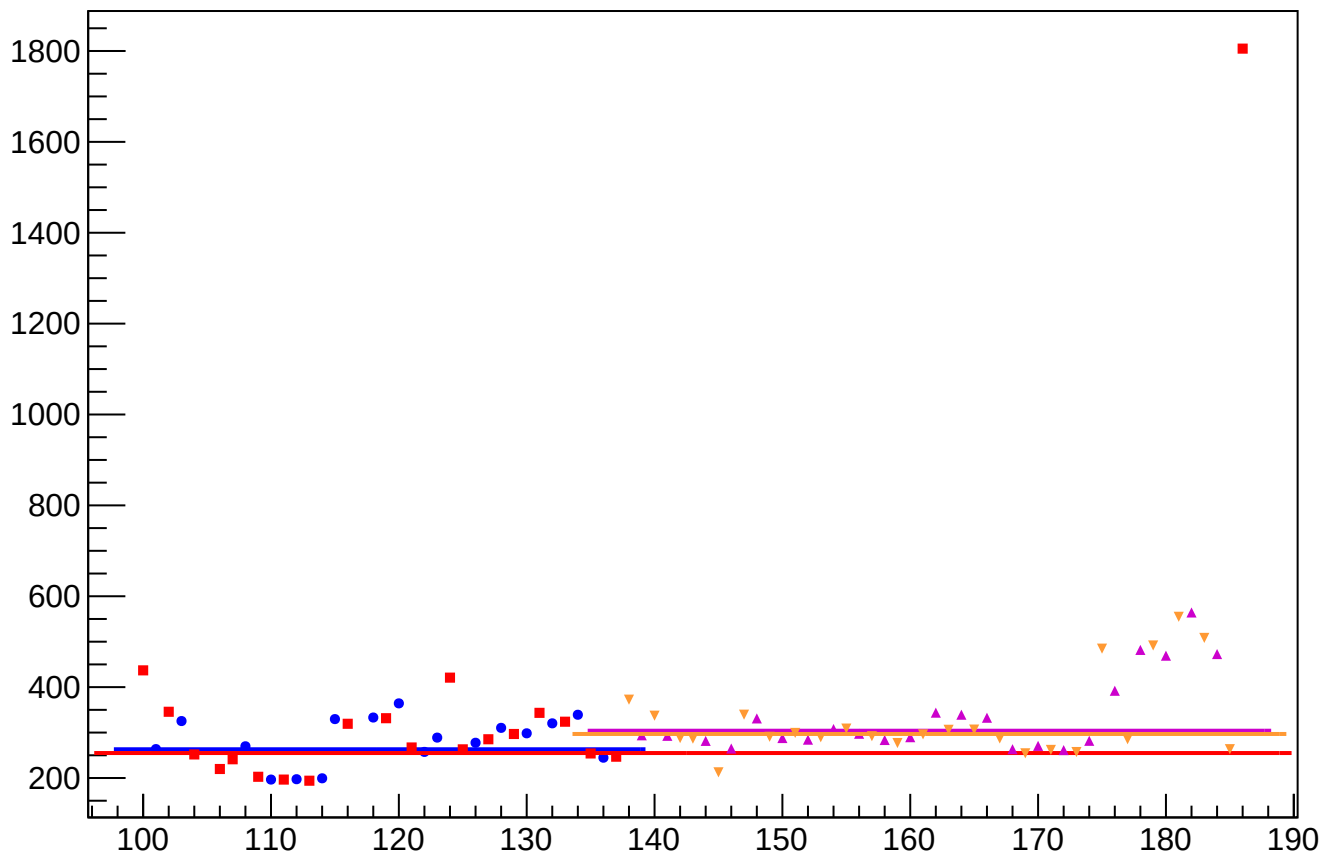
Left In: -339.260 ± 74.418 $\chi^2/\text{NDF}: 26.3/22$

+ sign 244.183 ± 58.817 $\chi^2/\text{NDF}: 43.5/41$

All: -33.925 ± 41.728 $\chi^2/\text{NDF}: 127.7/84$

- sign -315.767 ± 59.211 $\chi^2/\text{NDF}: 39.2/42$

dit_asym_sam4_rms vs Slug



Right In: 263.262+/-0.073 χ^2/NDF : 452757.7/16

Left Out: 296.913+/-0.051 χ^2/NDF :1506502.0/24

Right Out: 254.959+/-0.069 χ^2/NDF : 1128882.2/19

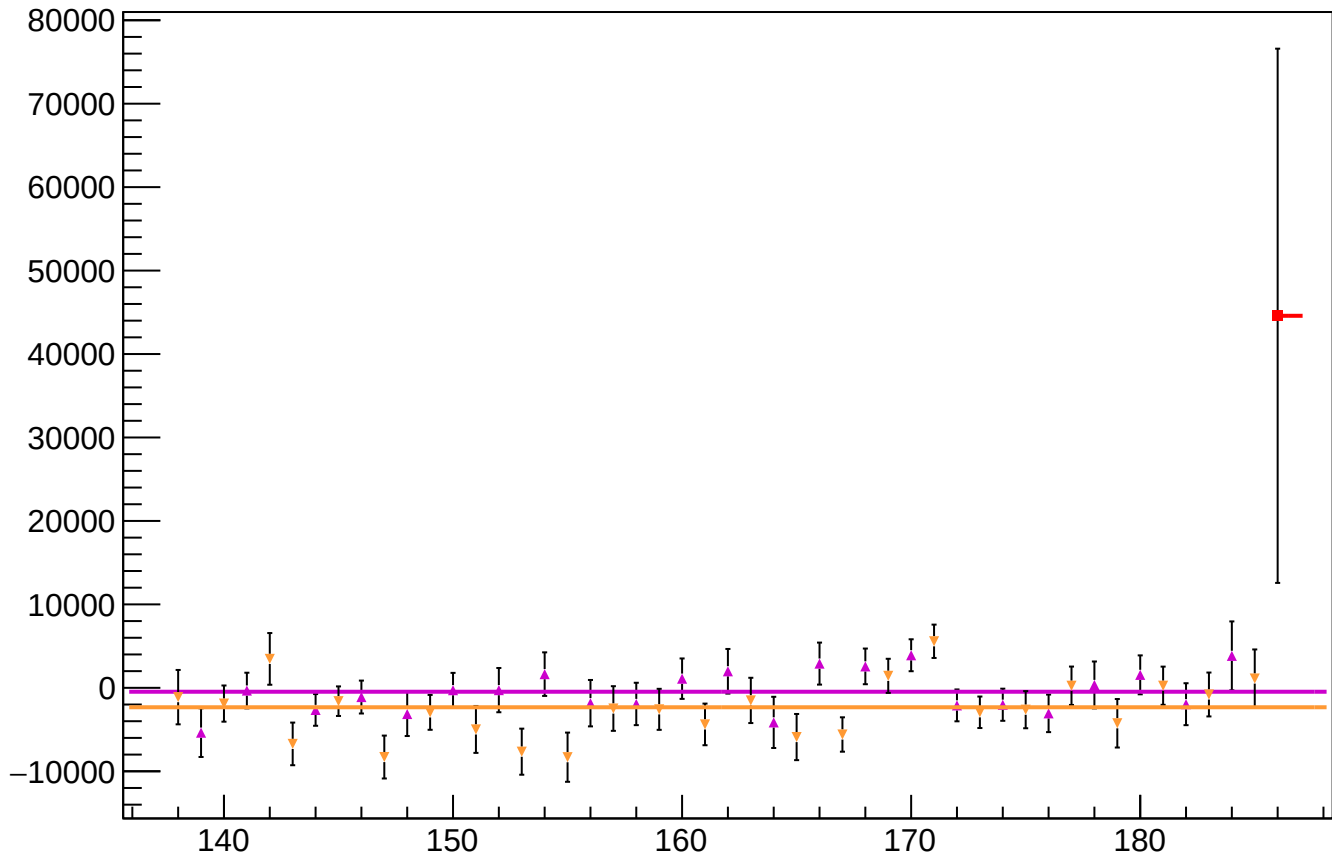
Left In: 304.067+/-0.053 χ^2/NDF :1106083.1/22

+ sign 286.071+/-0.042 χ^2/NDF : 2102227.2/41

All: 286.059+/-0.030 χ^2/NDF : 4656784.0/84

- sign 286.047+/-0.042 χ^2/NDF : 2554556.6/42

asym_sam4_correction_mean vs Slug



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

Left Out: -2328.254 ± 482.072 χ^2/NDF : 49.4/24

Right Out: 44582.946 ± 32009.906 χ^2/NDF : 0.0/0

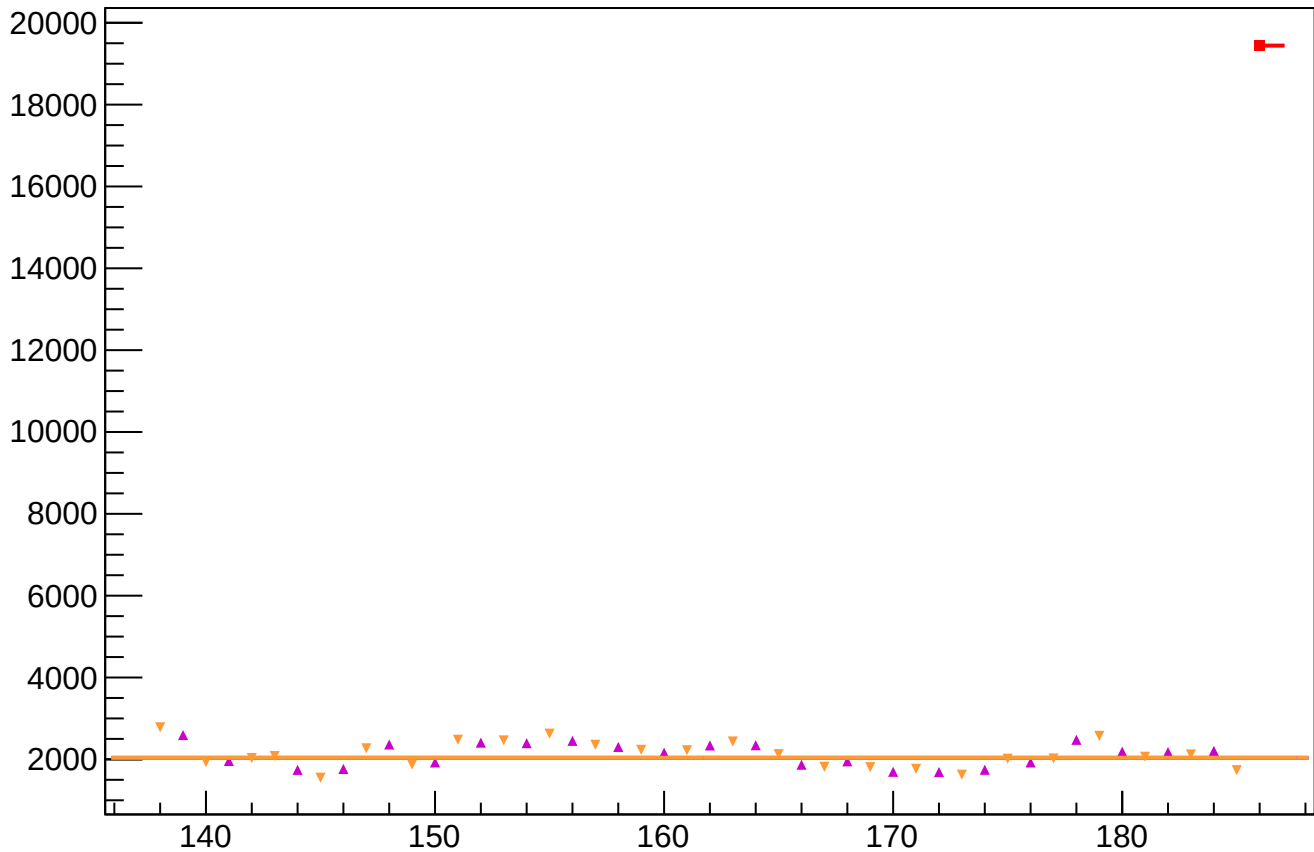
Left In: -468.113 ± 490.449 χ^2/NDF : 23.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1408.900 ± 343.780 χ^2/NDF : 82.0/48

- sign -457.540 ± 490.392 χ^2/NDF : 25.2/23

asym_sam4_correction_rms vs Slug



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

Left Out: 2038.969+/-0.341 χ^2/NDF : 829479.9/24

Right Out: 19442.545+/-22.634 χ^2/NDF : 0.0/0

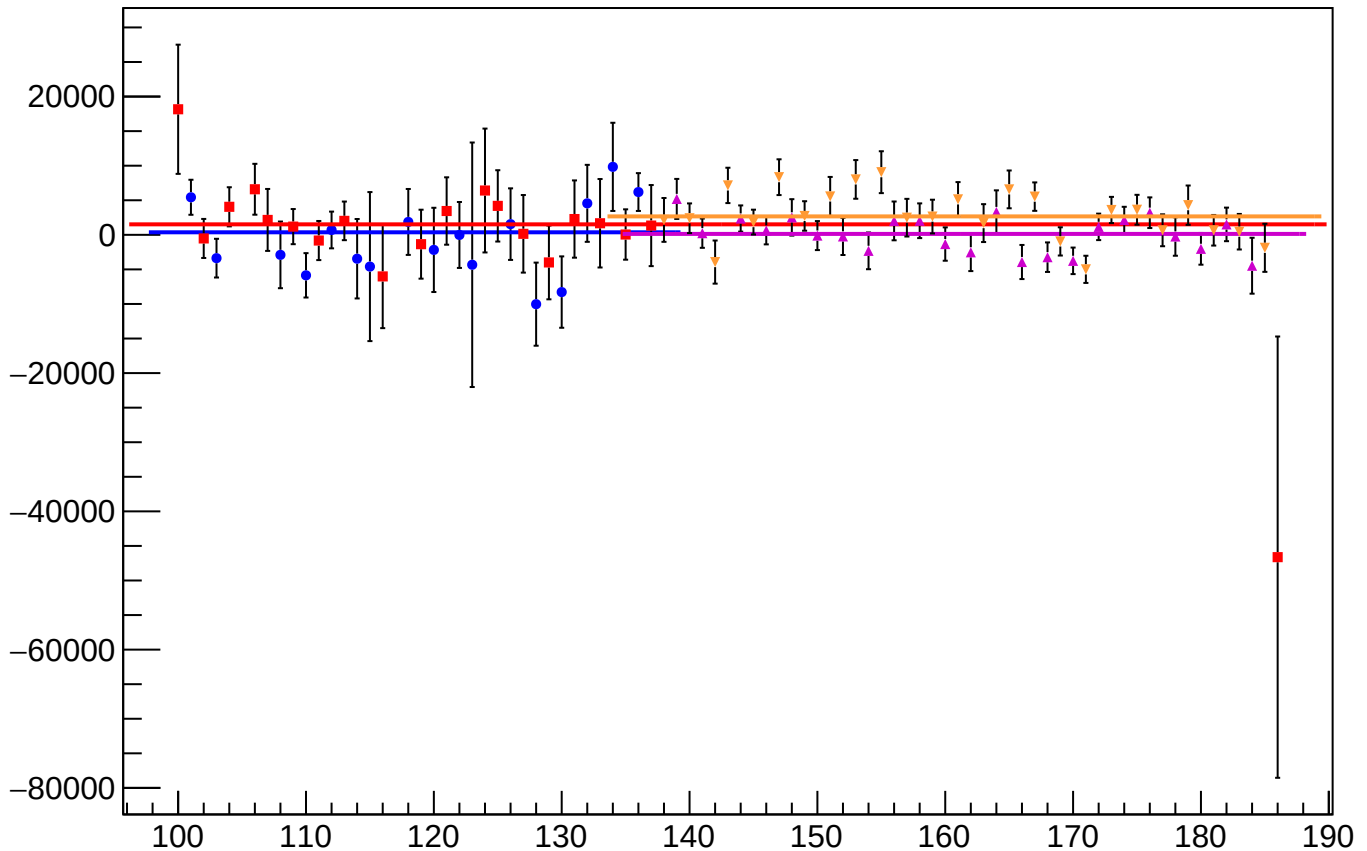
Left In: 2036.656+/-0.347 χ^2/NDF : 652291.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2039.840+/-0.243 χ^2/NDF : 2073008.5/48

- sign 2040.741+/-0.347 χ^2/NDF : 1243515.4/23

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

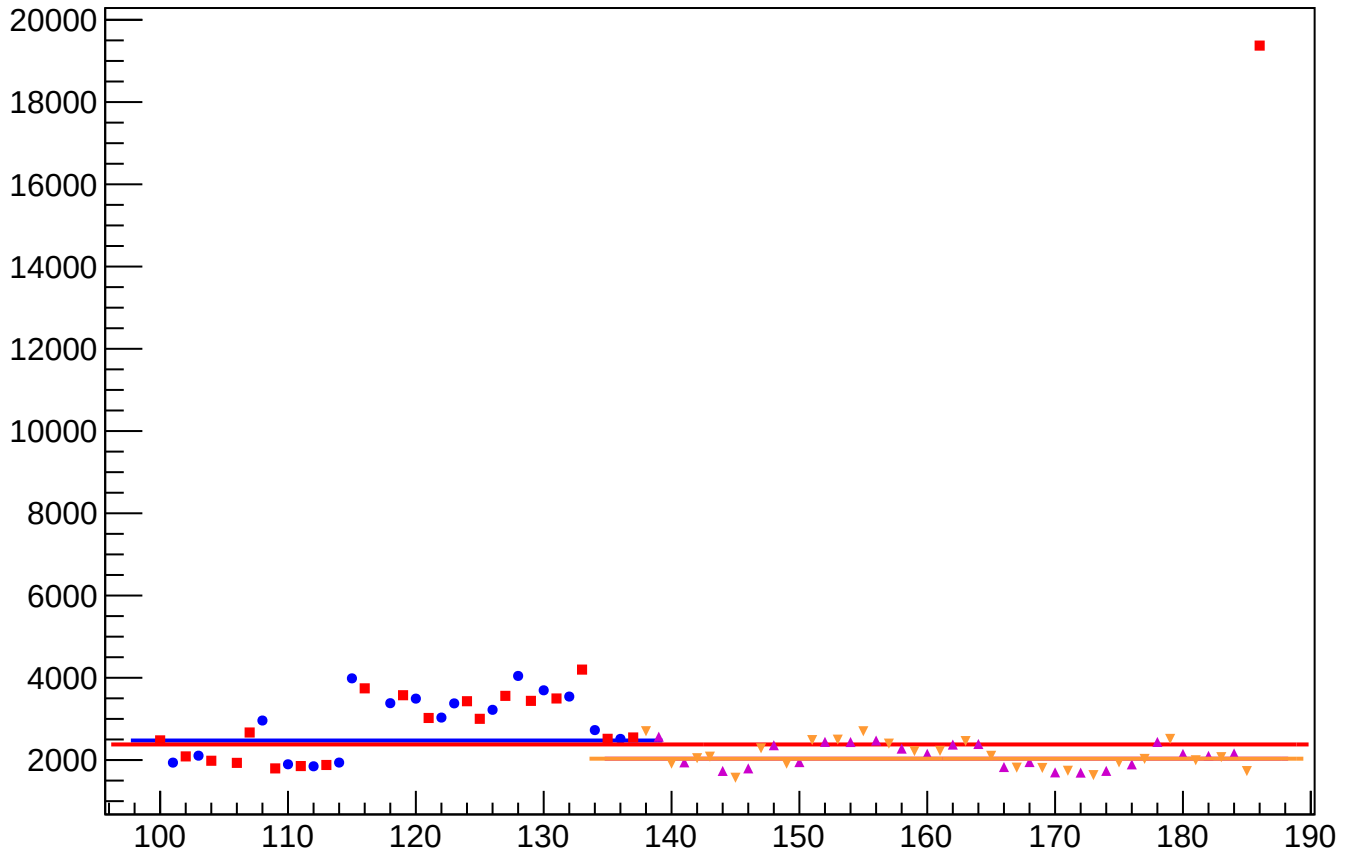
Left In: 132.307 ± 489.752 χ^2/NDF : 24.7/22

+ 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

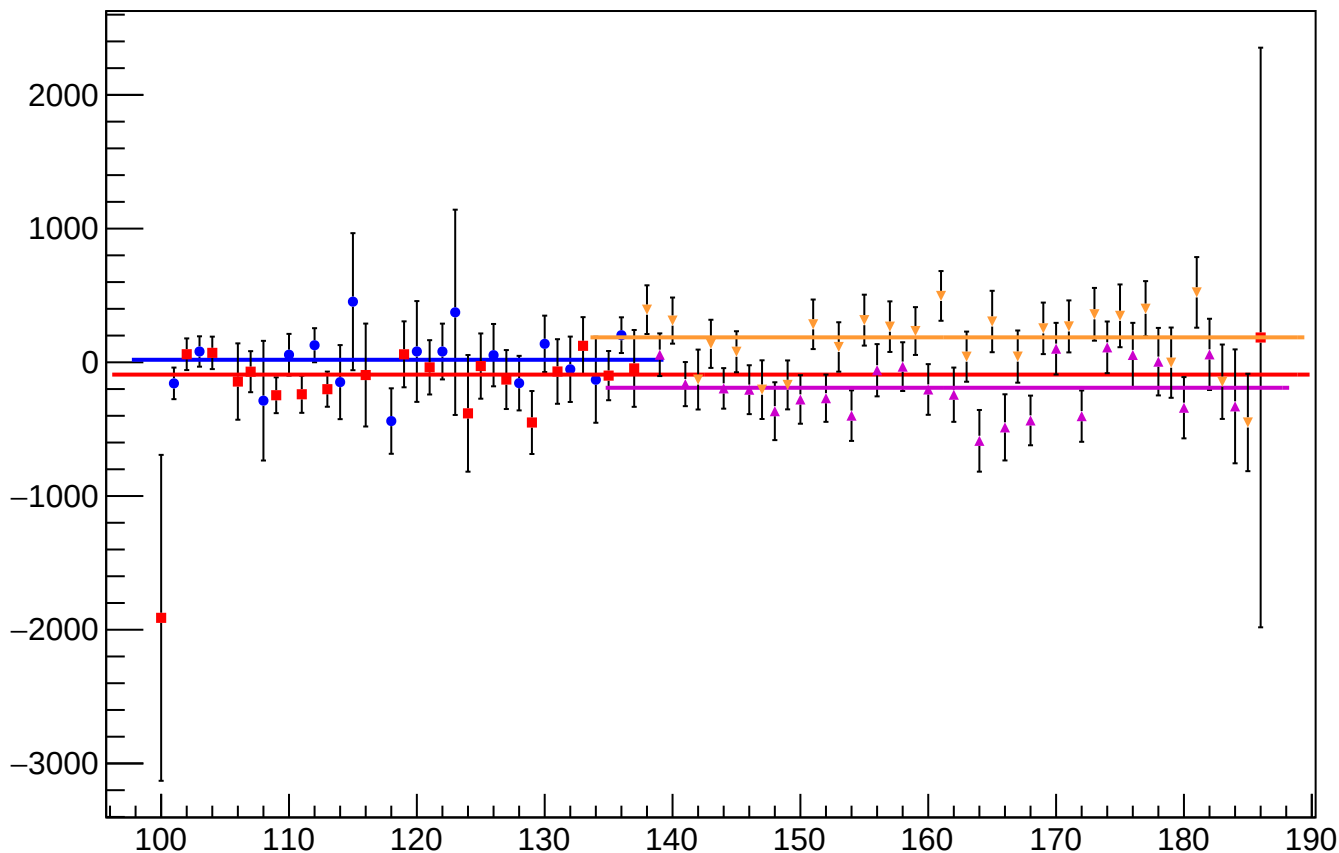
Left In: 2031.692 $\pm$ 0.346 χ^2 /NDF: 653382.0/22

+ 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: 18.930 ± 46.147 $\chi^2/\text{NDF}: 12.0/16$

Left Out: 186.705 ± 39.986 $\chi^2/\text{NDF}: 25.9/24$

Right Out: -91.885 ± 42.685 $\chi^2/\text{NDF}: 13.2/19$

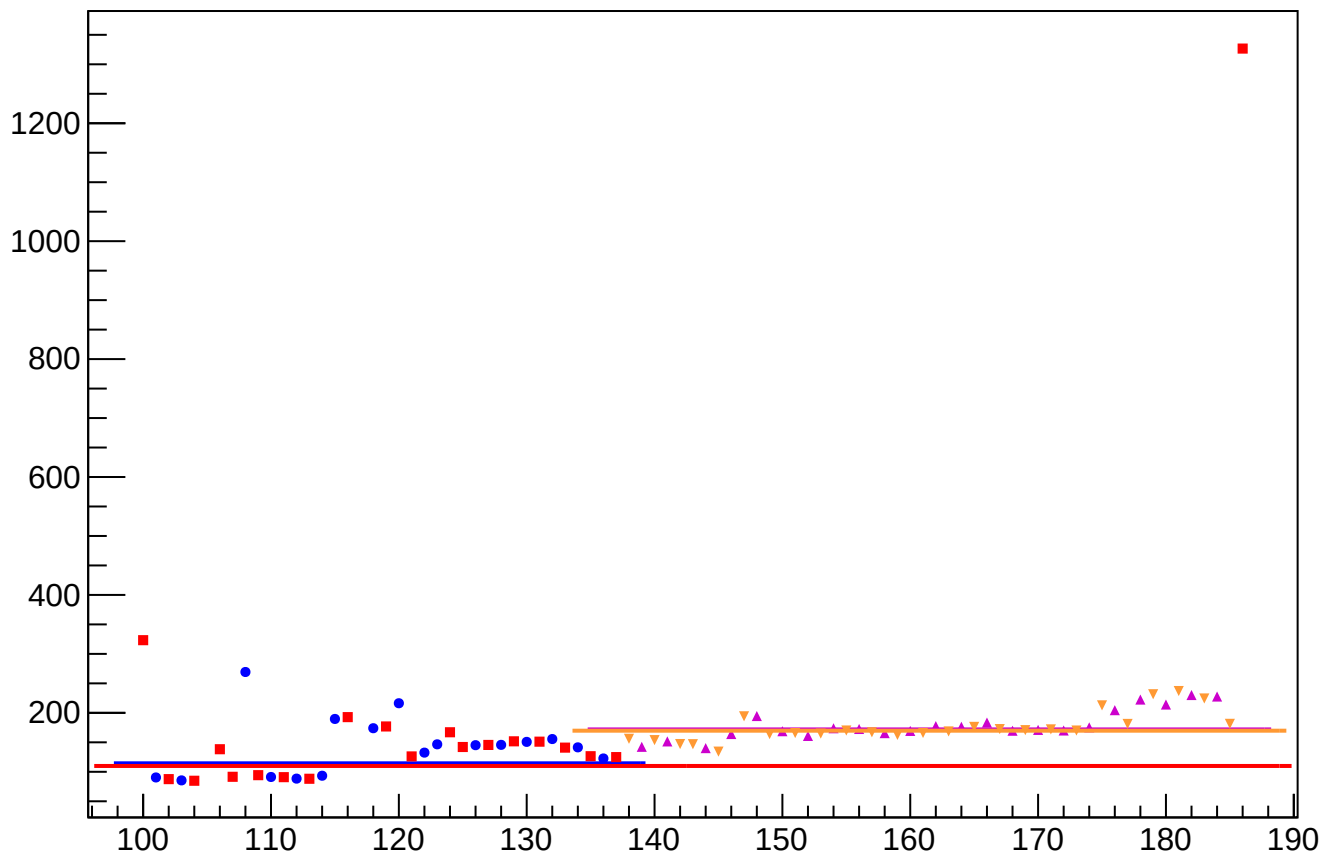
Left In: -190.416 ± 41.307 $\chi^2/\text{NDF}: 21.1/22$

+ sign 114.758 ± 30.219 $\chi^2/\text{NDF}: 45.4/41$

All: -16.308 ± 21.176 $\chi^2/\text{NDF}: 119.5/84$

- sign -142.767 ± 29.684 $\chi^2/\text{NDF}: 37.1/42$

dit_asym_sam5_rms vs Slug



Right In: 114.391 ± 0.033 $\chi^2/\text{NDF}: 1136702.0/16$

Left Out: 169.736 ± 0.028 $\chi^2/\text{NDF}: 617269.8/24$

Right Out: 109.900 ± 0.030 $\chi^2/\text{NDF}: 1574882.8/19$

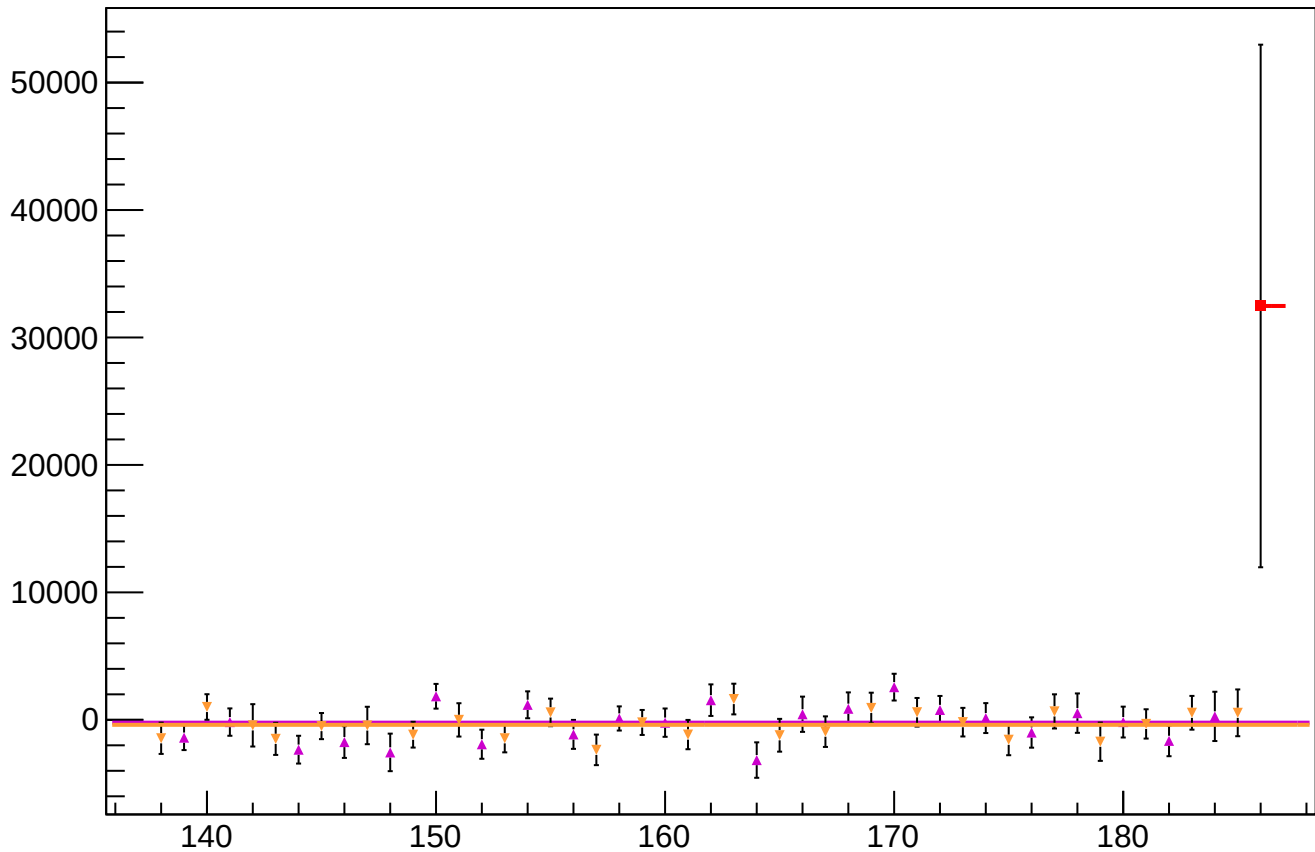
Left In: 171.896 ± 0.029 $\chi^2/\text{NDF}: 546889.0/22$

+ sign 146.003 ± 0.021 $\chi^2/\text{NDF}: 3397066.1/41$

All: 143.922 ± 0.015 $\chi^2/\text{NDF}: 7716149.1/84$

- sign 141.915 ± 0.021 $\chi^2/\text{NDF}: 4300457.9/42$

asym_sam5_correction_mean vs Slug



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

Left Out: -391.572+/-239.900 χ^2/NDF :17.6/24

Right Out: 32471.907+/-20501.889 χ^2/NDF : 0.0/0

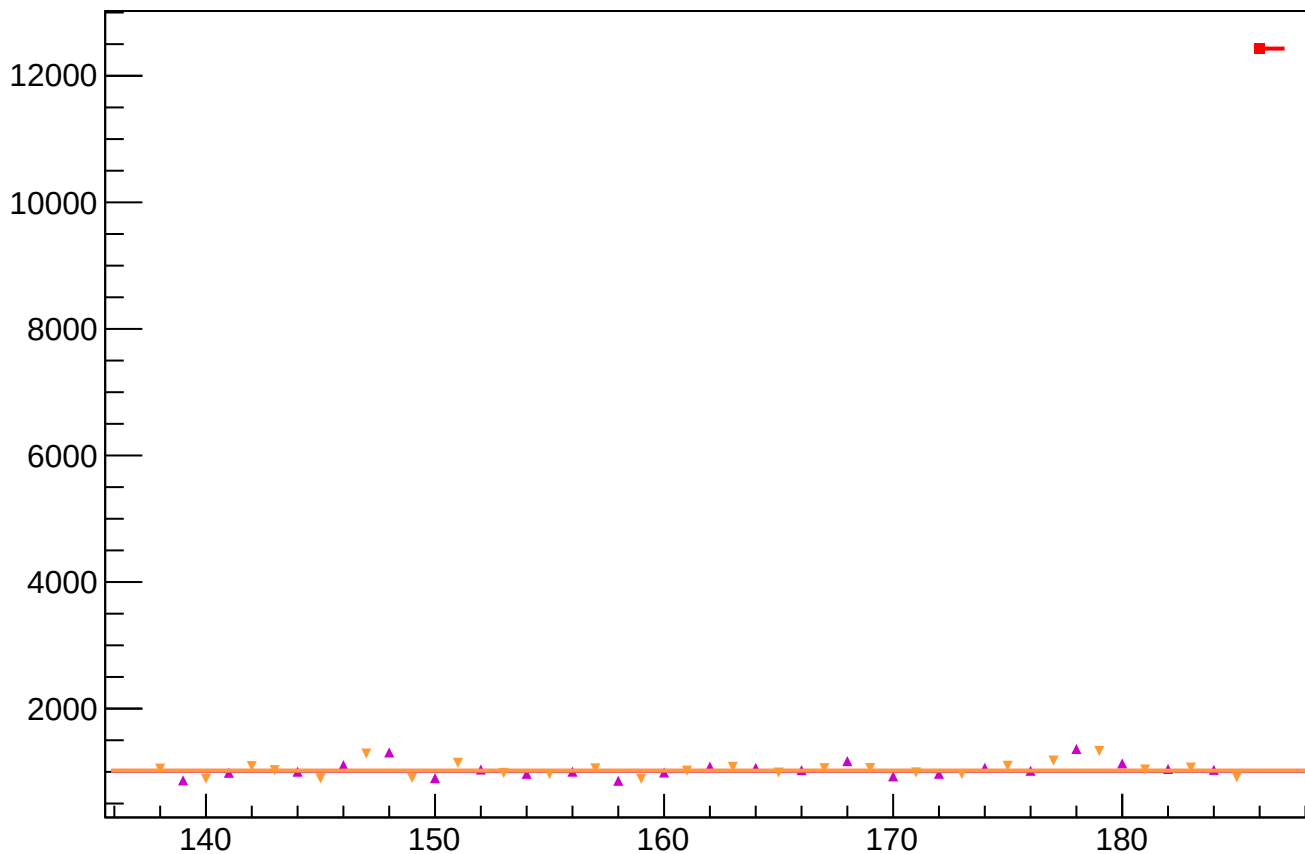
Left In: -222.086+/-243.855 χ^2/NDF :36.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -305.934+/-171.010 χ^2/NDF : 56.4/48

- sign -217.462+/-243.838 χ^2/NDF : 38.6/23

asym_sam5_correction_rms vs Slug



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

Left Out: 1020.064+/-0.170 χ^2/NDF : 367819.6/24

Right Out: 12429.899+/-14.497 χ^2/NDF : 0.0/0

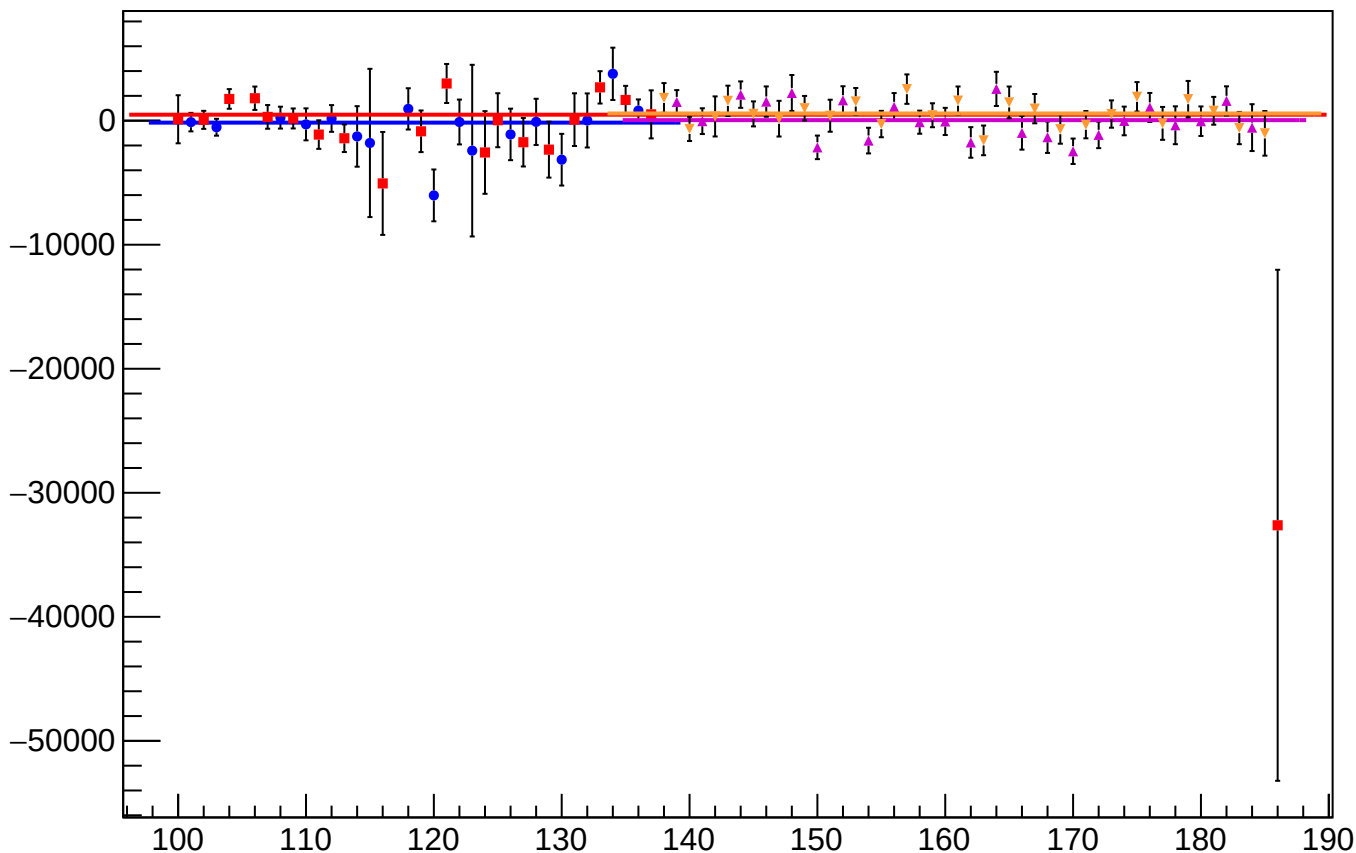
Left In: 1015.345+/-0.172 χ^2/NDF : 405161.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1018.537+/-0.121 χ^2/NDF : 1393013.5/48

- sign 1016.959+/-0.172 χ^2/NDF : 1025029.2/23

asym_sam5_mean vs Slug



Right In: -157.178 ± 312.499 χ^2/NDF : 16.2/16

Left Out: 580.226 ± 235.583 χ^2/NDF : 18.4/24

Right Out: 482.346 ± 282.732 χ^2/NDF : 25.2/19

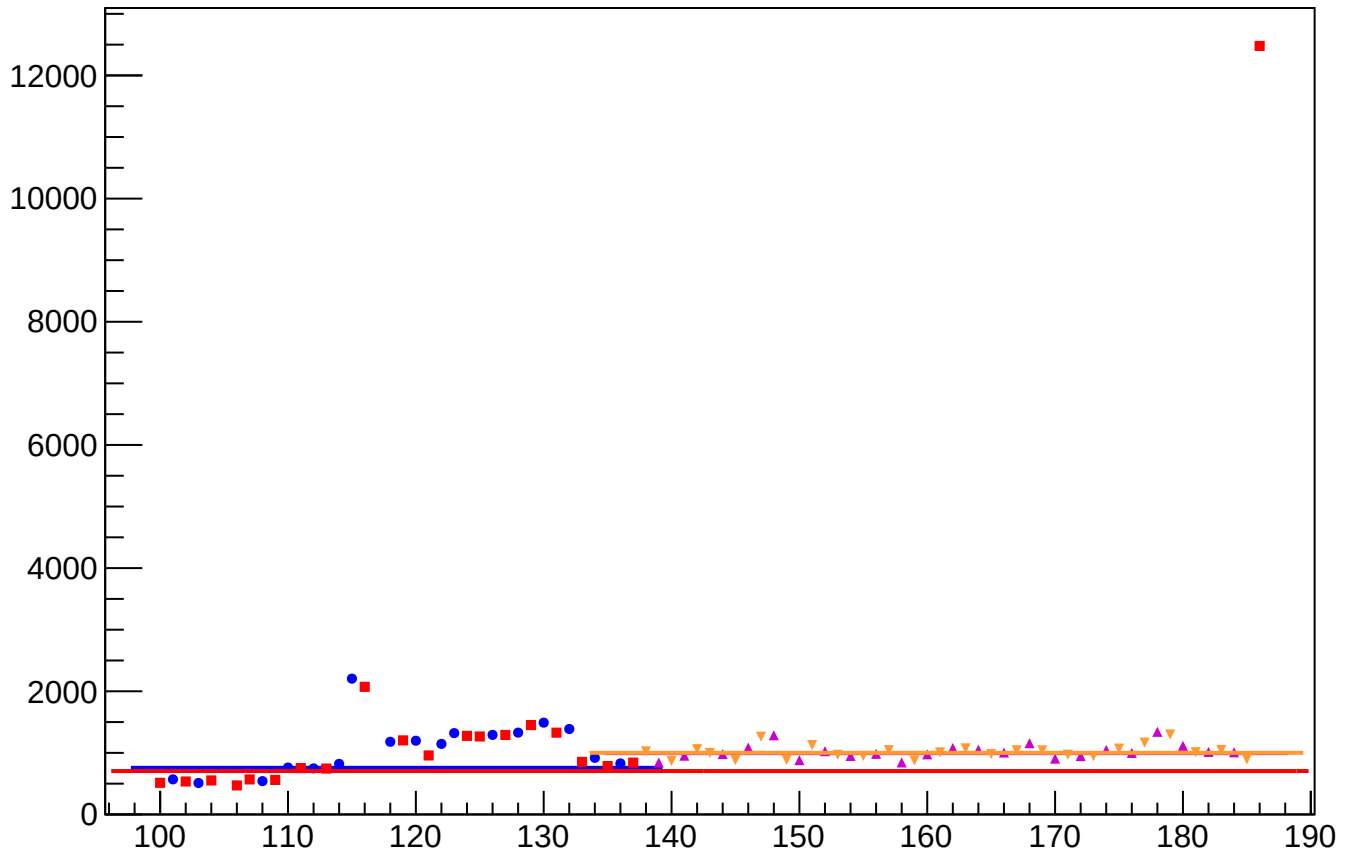
Left In: 42.397 ± 239.278 χ^2/NDF : 37.9/22

+ sign 313.010 ± 188.117 χ^2/NDF : 38.2/41

All: 268.222 ± 131.042 χ^2/NDF : 102.8/84

- sign 226.001 ± 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

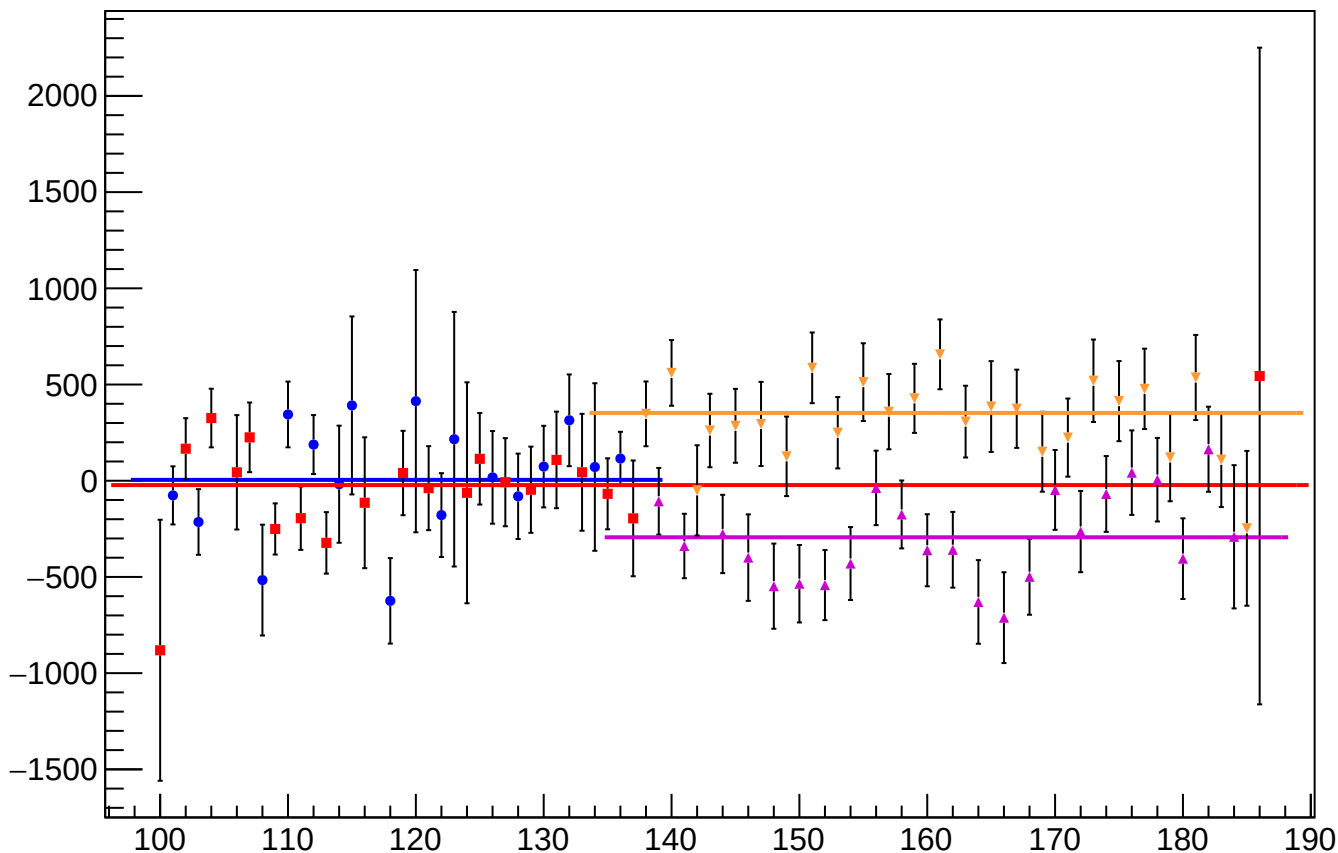
Left In: 995.590 $\pm$ 0.169 χ^2 /NDF: 424434.6/22

+ 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: 4.533 ± 52.509 χ^2/NDF : 23.1/16

Left Out: 352.474 ± 40.625 χ^2/NDF : 19.0/24

Right Out: -22.539 ± 47.835 χ^2/NDF : 19.1/19

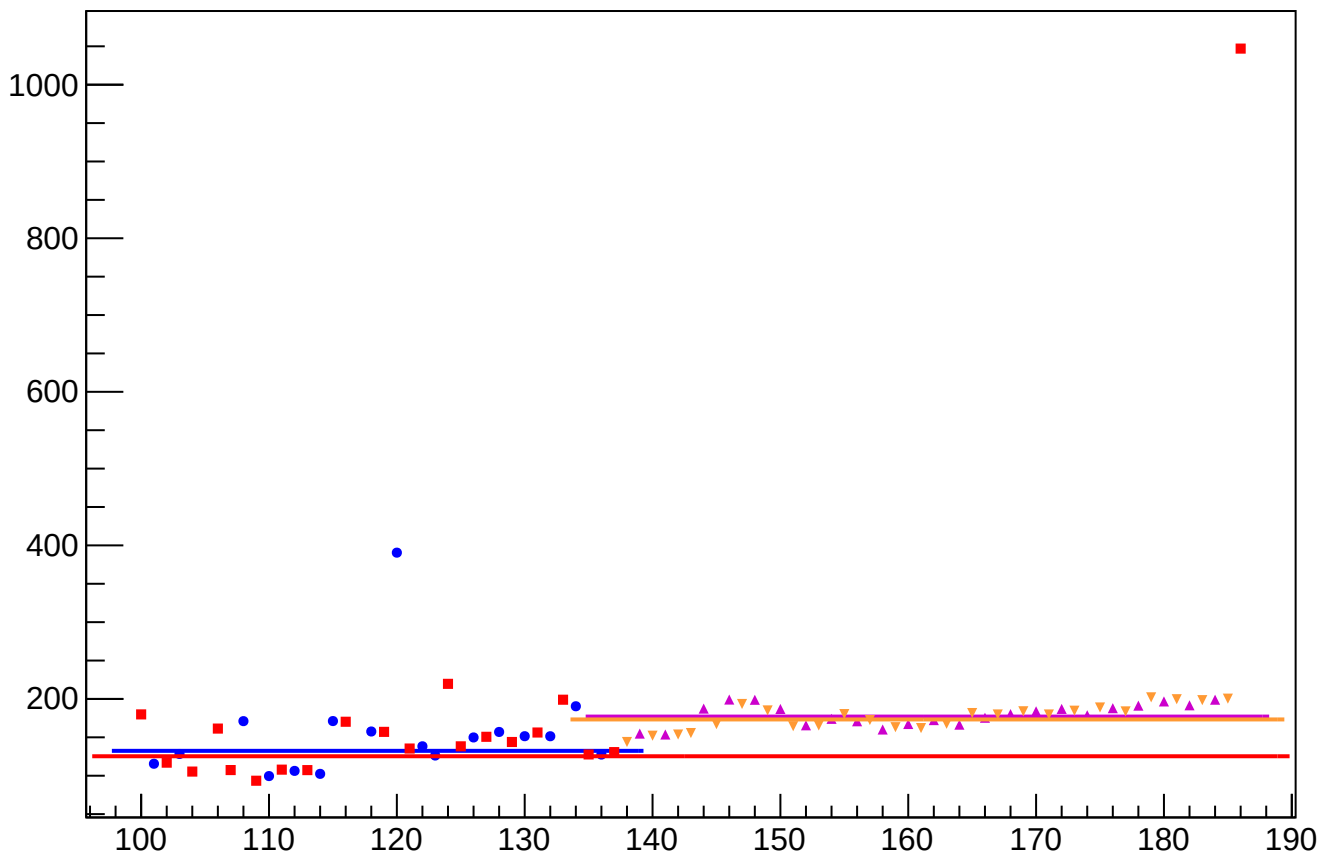
Left In: -293.836 ± 42.346 χ^2/NDF : 27.2/22

+ sign 222.189 ± 32.132 χ^2/NDF : 69.6/41

All: 21.135 ± 22.569 χ^2/NDF : 211.1/84

- sign -174.641 ± 31.707 χ^2/NDF : 64.3/42

dit_asym_sam6_rms vs Slug



Right In: 132.404 $\pm$ 0.037 χ^2 /NDF: 643884.8/16

Left Out: 173.289 $\pm$ 0.029 χ^2 /NDF: 298673.2/24

Right Out: 125.345 $\pm$ 0.034 χ^2 /NDF: 1176191.1/19

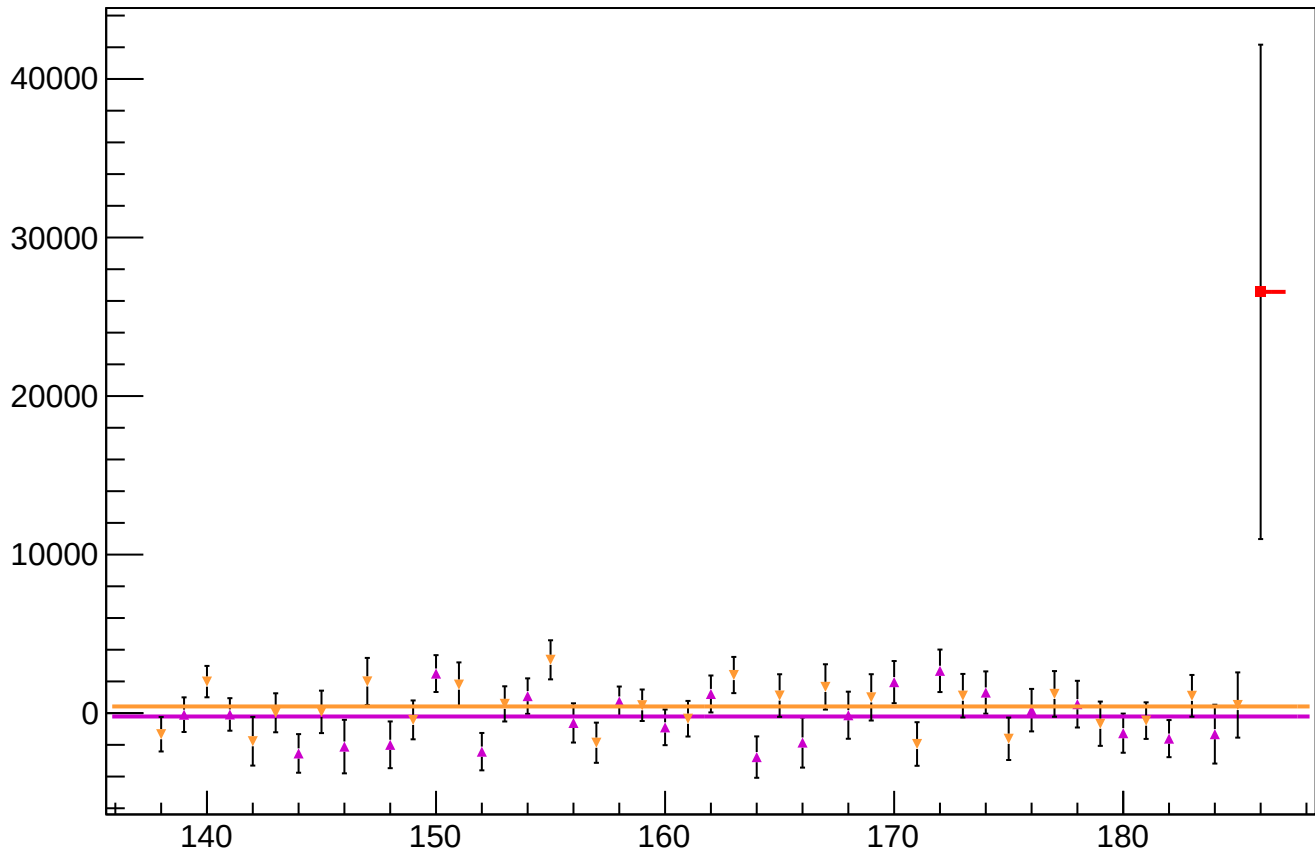
Left In: 177.014 $\pm$ 0.030 χ^2 /NDF: 214761.6/22

+ sign 157.980 $\pm$ 0.023 χ^2 /NDF: 1701024.4/41

All: 156.122 $\pm$ 0.016 χ^2 /NDF: 4413405.1/84

- sign 154.313 $\pm$ 0.022 χ^2 /NDF: 2699182.8/42

asym_sam6_correction_mean vs Slug



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

Left Out: 421.336+/-254.085 χ^2/NDF :30.8/24

Right Out: 26571.930+/-15592.060 χ^2/NDF : 0.0/0

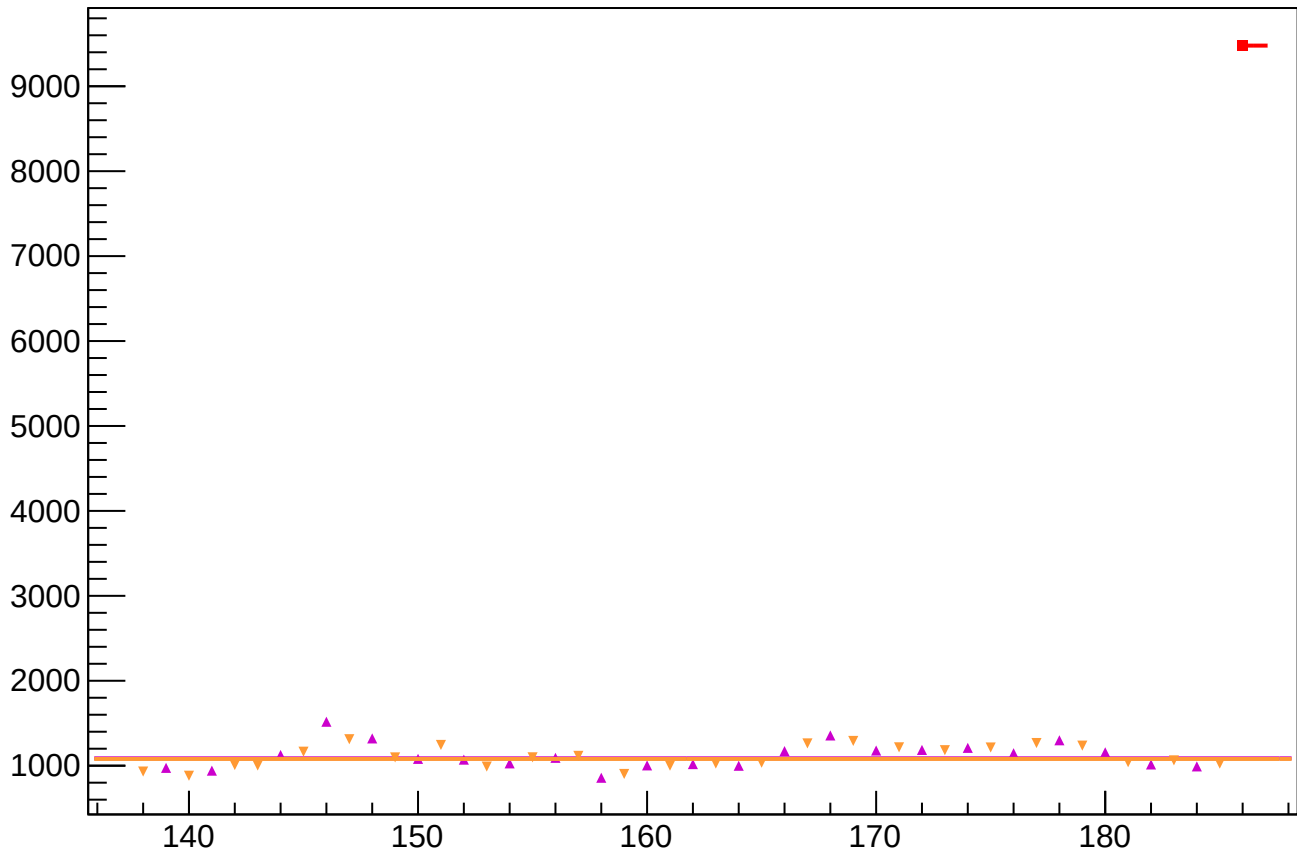
Left In: -211.788+/-261.282 χ^2/NDF :36.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.225+/-182.144 χ^2/NDF : 72.7/48

- sign -204.269+/-261.245 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: 1079.699 $\pm$ 0.180 χ^2/NDF : 498852.6/24

Right Out: 9478.520 $\pm$ 11.025 χ^2/NDF : 0.0/0

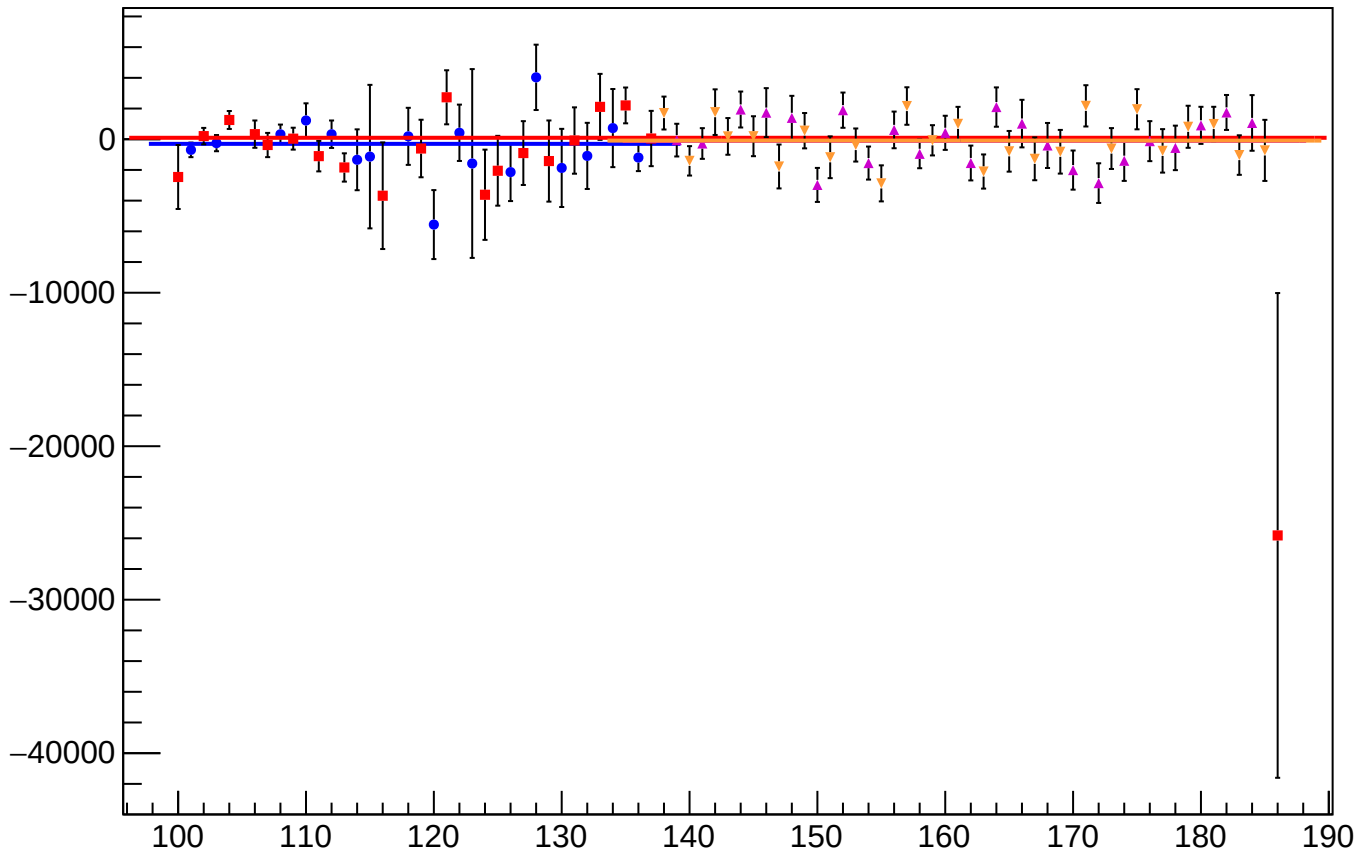
Left In: 1086.990 $\pm$ 0.185 χ^2/NDF : 567926.2/22

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

All: 1084.388 $\pm$ 0.129 χ^2/NDF : 1647319.8/48

- sign 1089.345 $\pm$ 0.185 χ^2/NDF : 1147066.0/23

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

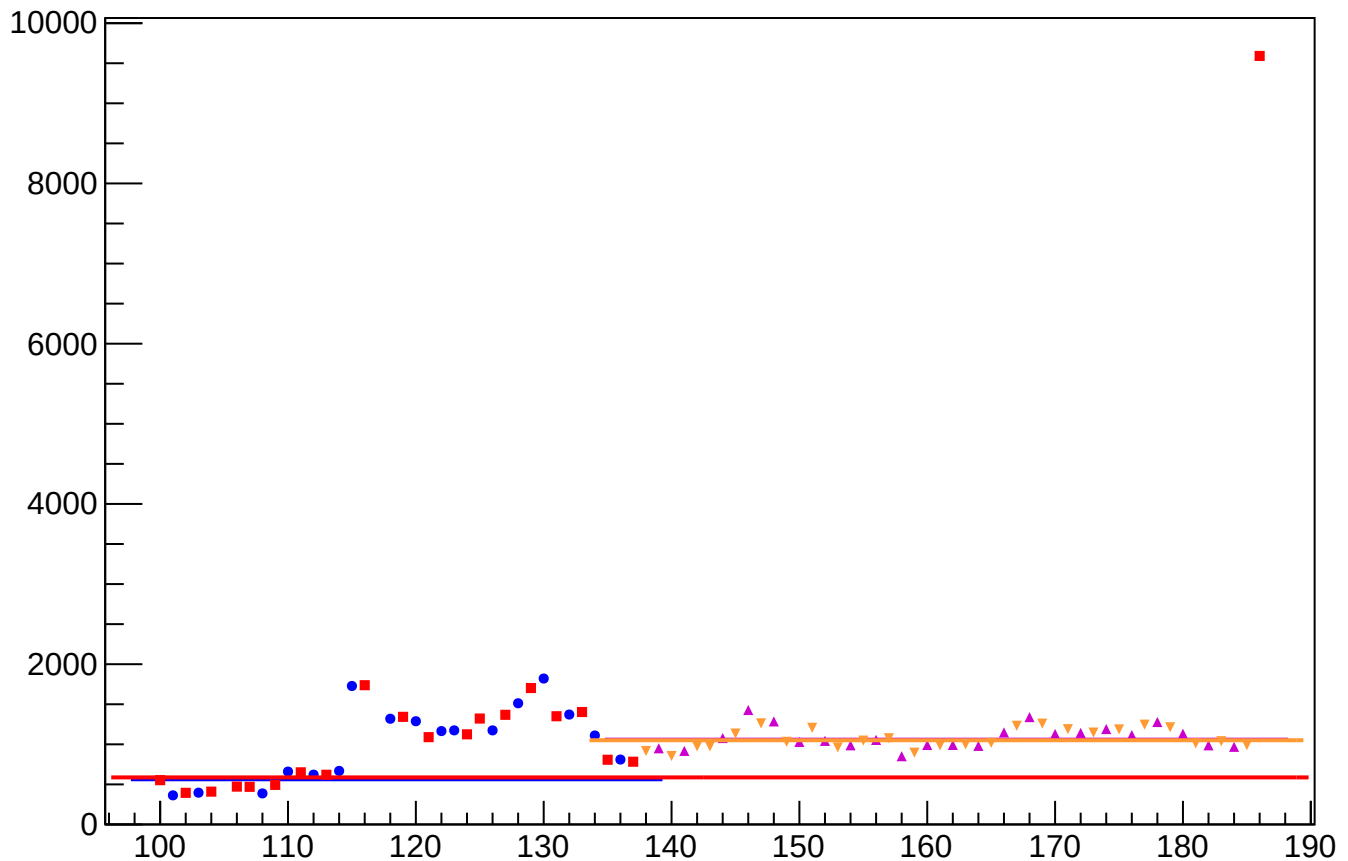
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ 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

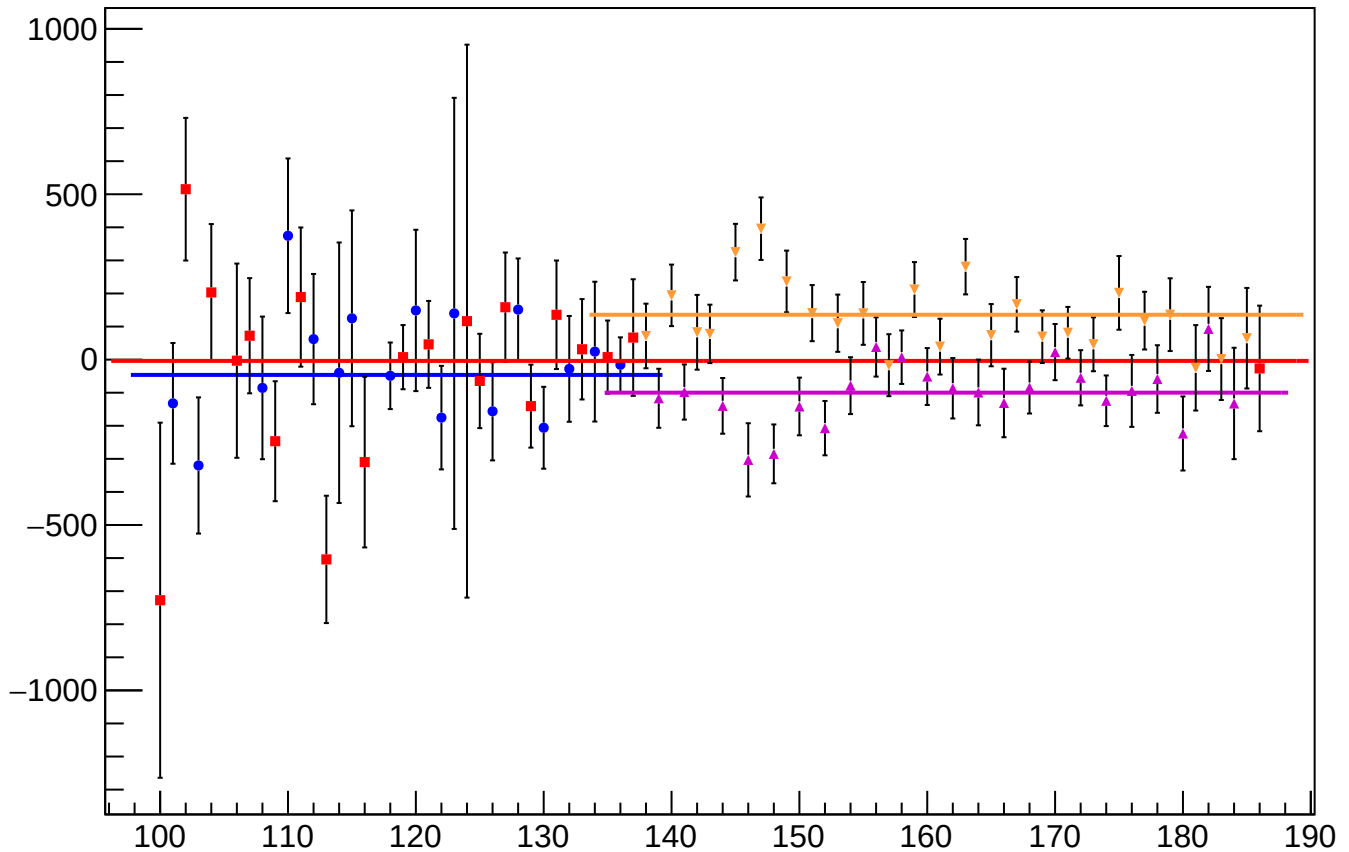
Left In: 1058.154 $\pm$ 0.180 χ^2 /NDF: 532260.0/22

+ 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: -46.211 ± 39.137 χ^2/NDF : 11.3/16

Left Out: 135.693 ± 18.535 χ^2/NDF : 29.3/24

Right Out: -3.848 ± 37.141 χ^2/NDF : 26.0/19

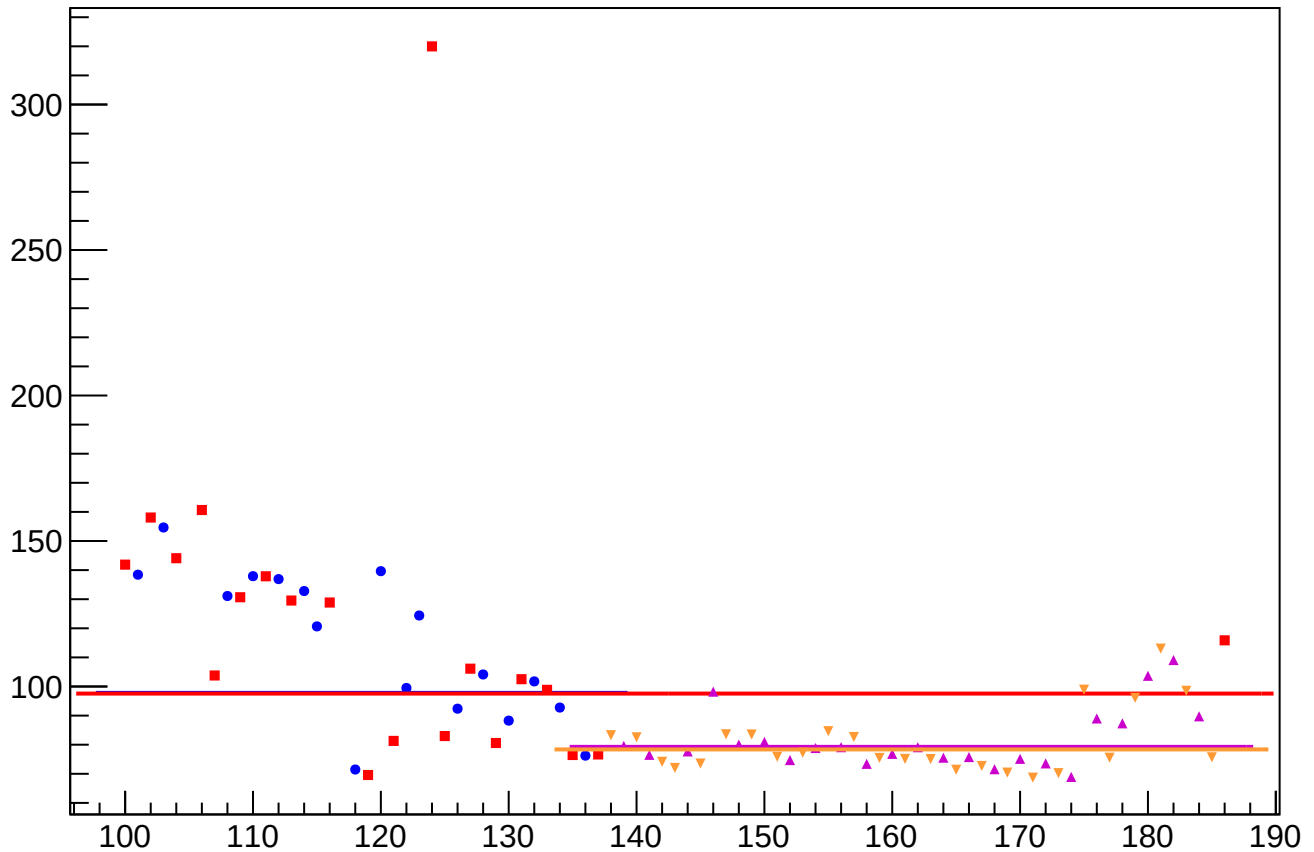
Left In: -99.843 ± 19.131 χ^2/NDF : 20.8/22

+ sign 102.369 ± 16.751 χ^2/NDF : 58.3/41

All: 12.711 ± 11.934 χ^2/NDF : 168.5/84

- sign -79.714 ± 17.008 χ^2/NDF : 52.1/42

dit_asym_sam7_rms vs Slug



Right In: 97.807 $\pm$ 0.028 χ^2 /NDF: 816964.4/16

Left Out: 78.378 $\pm$ 0.013 χ^2 /NDF: 475195.2/24

Right Out: 97.570 $\pm$ 0.026 χ^2 /NDF: 1114793.4/19

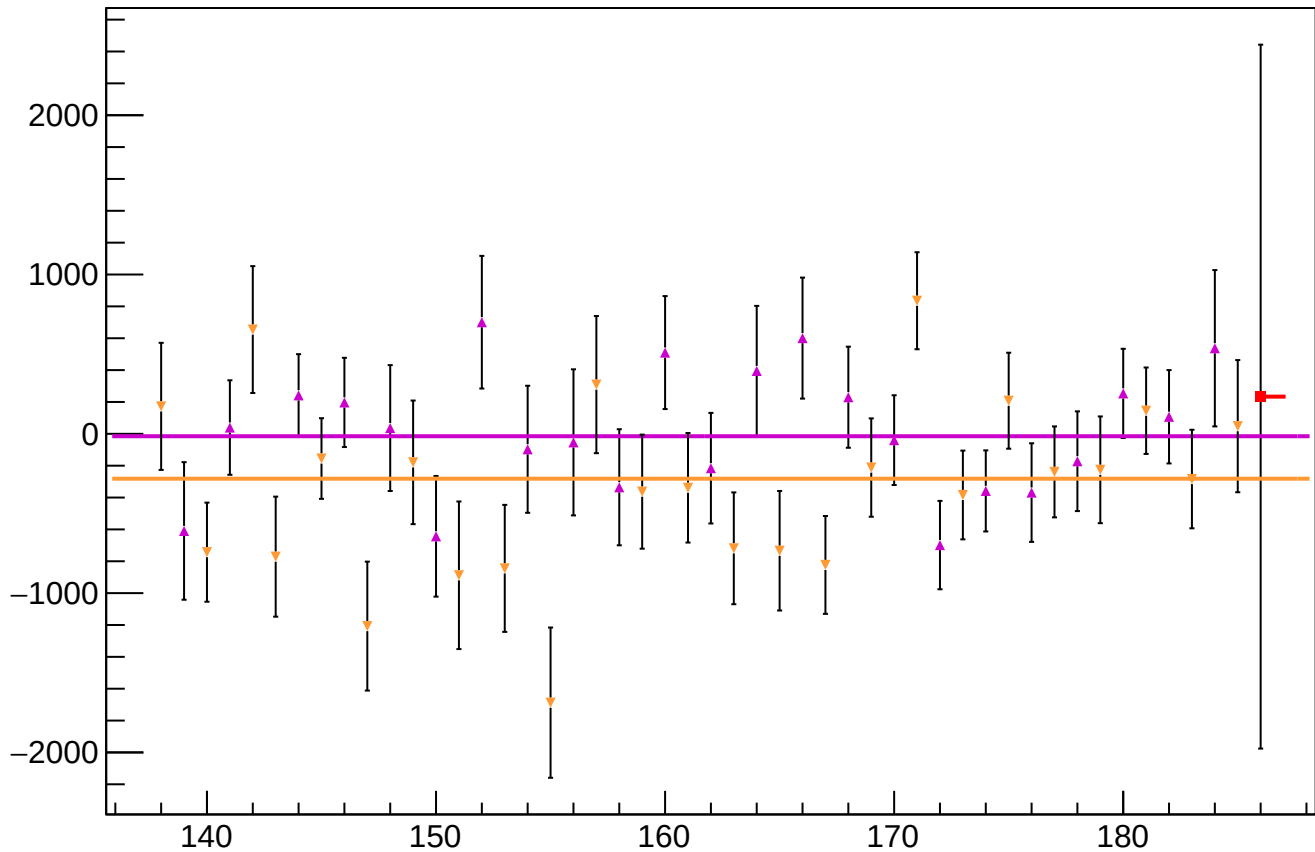
Left In: 79.257 $\pm$ 0.014 χ^2 /NDF: 396950.5/22

+ sign 81.937 $\pm$ 0.012 χ^2 /NDF: 1694763.4/41

All: 82.508 $\pm$ 0.008 χ^2 /NDF: 3595509.0/84

- sign 83.097 $\pm$ 0.012 χ^2 /NDF: 1896024.5/42

asym_sam7_correction_mean vs Slug



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

Left Out: -281.673 $\pm$ 67.809 χ^2 /NDF: 56.4/24

Right Out: 233.449 $\pm$ 2209.378 χ^2 /NDF: 0.0/0

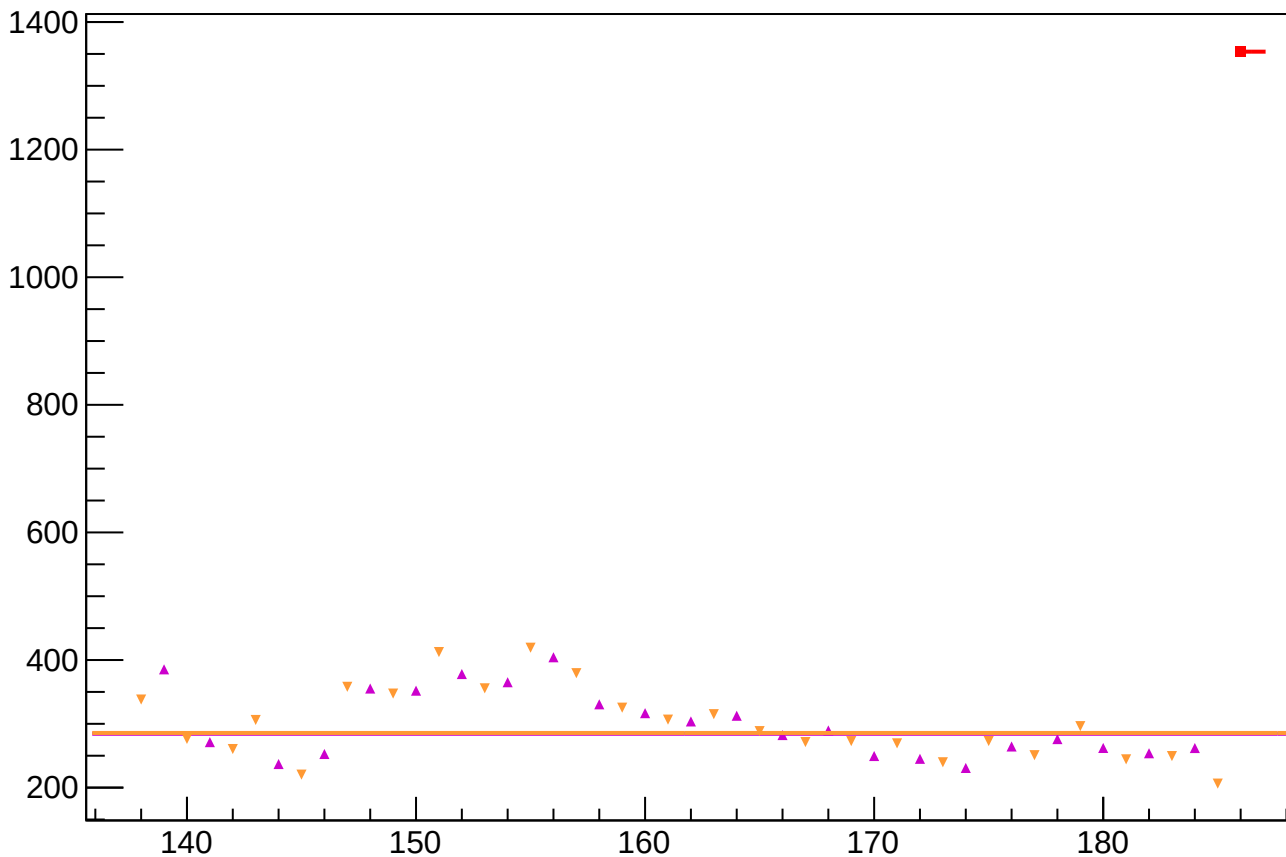
Left In: -15.153 $\pm$ 68.755 χ^2 /NDF: 28.6/22

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

All: -150.076 $\pm$ 48.268 χ^2 /NDF: 92.6/48

- sign -14.913 $\pm$ 68.722 χ^2 /NDF: 28.6/23

asym_sam7_correction_rms vs Slug



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

Left Out: 285.688+/-0.048 χ^2/NDF : 1061075.8/24

Right Out: 1353.555+/-1.562 χ^2/NDF : 0.0/0

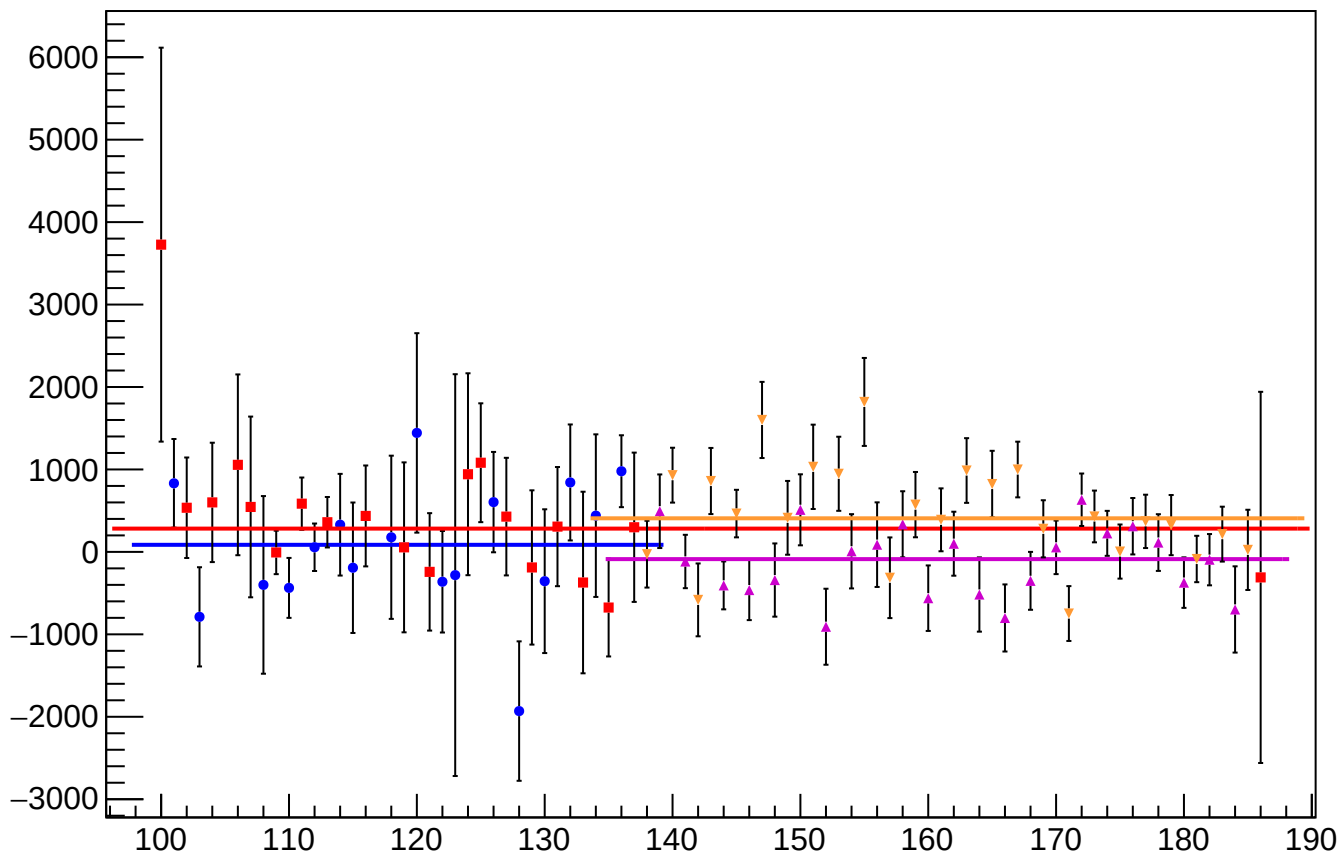
Left In: 284.386+/-0.049 χ^2/NDF : 926965.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.556+/-0.034 χ^2/NDF : 2455967.6/48

- sign 285.420+/-0.049 χ^2/NDF : 1394876.3/23

asym_sam7_mean vs Slug



Right In: 85.810 $\pm$ 142.601 χ^2 /NDF: 20.6/16

Left Out: 407.375 $\pm$ 74.730 χ^2 /NDF: 53.0/24

Right Out: 282.494 $\pm$ 129.385 χ^2 /NDF: 10.7/19

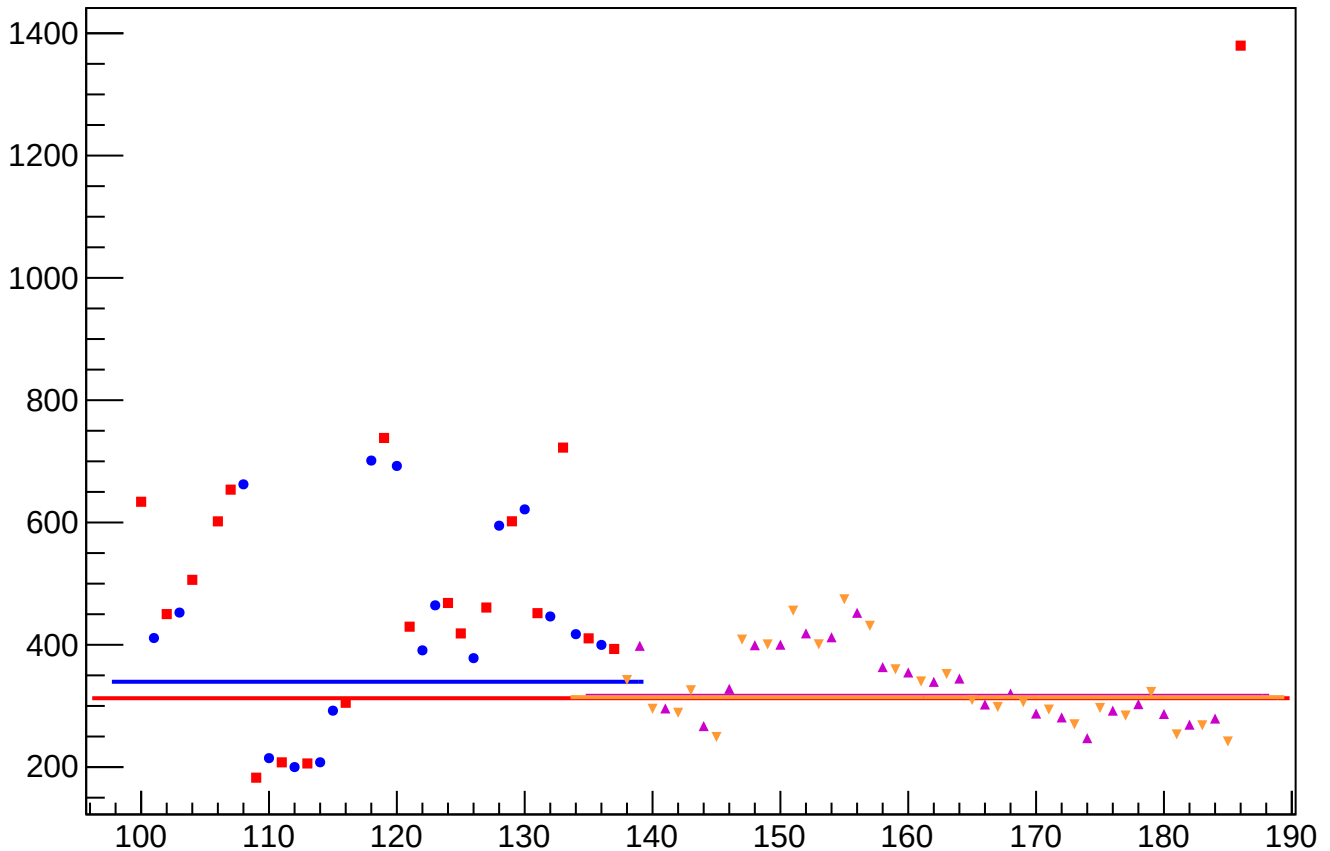
Left In: -87.657 $\pm$ 76.572 χ^2 /NDF: 27.4/22

+ sign 338.090 $\pm$ 66.192 χ^2 /NDF: 77.6/41

All: 172.486 $\pm$ 46.700 χ^2 /NDF: 134.2/84

- sign 8.357 $\pm$ 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

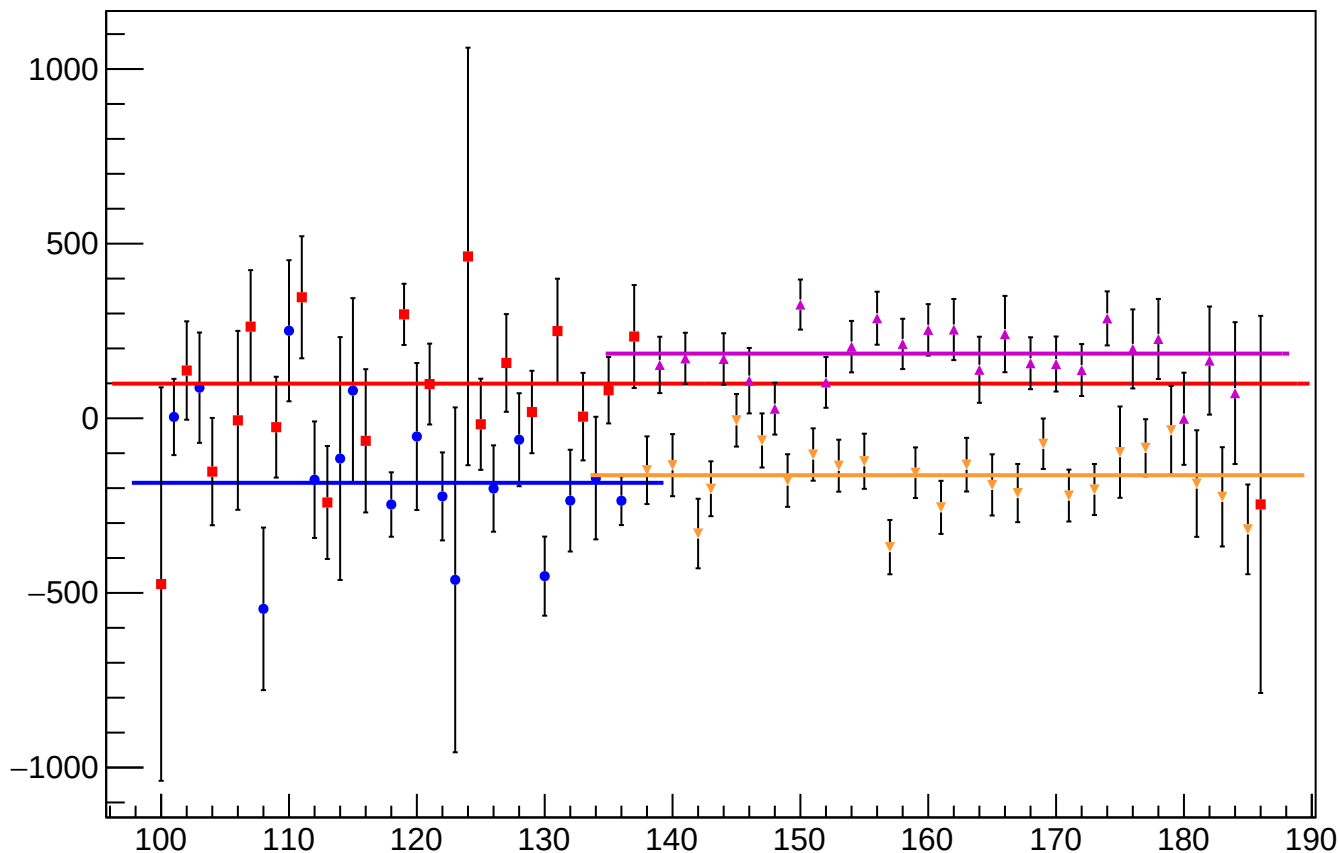
Left In: 316.616 $\pm$ 0.054 χ^2 /NDF:929652.0/22

+ 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: -184.736 $\pm$ 33.009 χ^2/NDF : 22.4/16

Left Out: -162.932 $\pm$ 16.926 χ^2/NDF : 25.7/24

Right Out: 99.237 $\pm$ 32.453 χ^2/NDF : 22.6/19

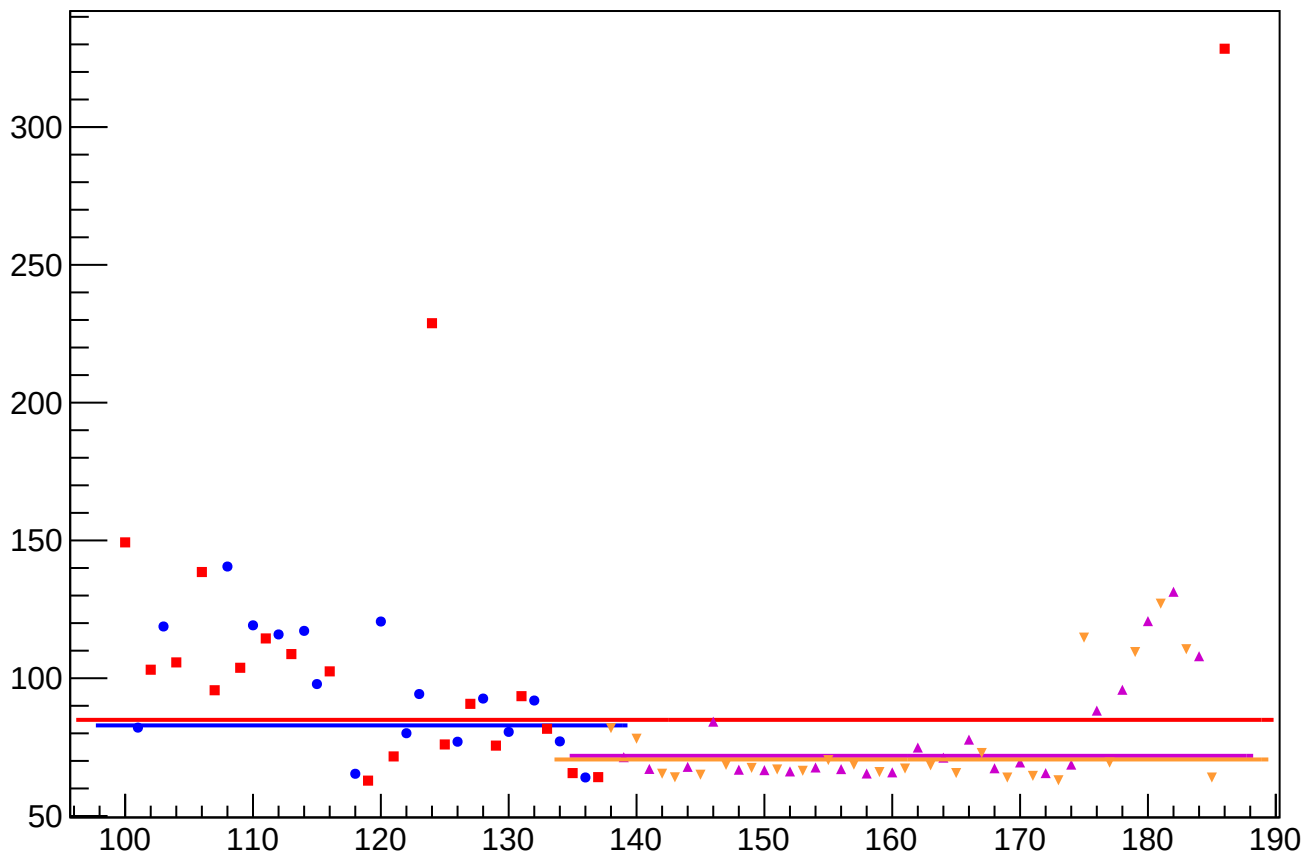
Left In: 185.213 $\pm$ 17.594 χ^2/NDF : 19.4/22

+ sign -167.471 $\pm$ 15.061 χ^2/NDF : 48.5/41

All: -5.317 $\pm$ 10.791 χ^2/NDF : 334.1/84

- sign 165.684 $\pm$ 15.467 χ^2/NDF : 47.4/42

dit_asym_sam8_rms vs Slug



Right In: 82.880 ± 0.023 χ^2/NDF : 706417.7/16

Left Out: 70.521 ± 0.012 χ^2/NDF : 1016625.6/24

Right Out: 84.896 ± 0.023 χ^2/NDF : 1173788.9/19

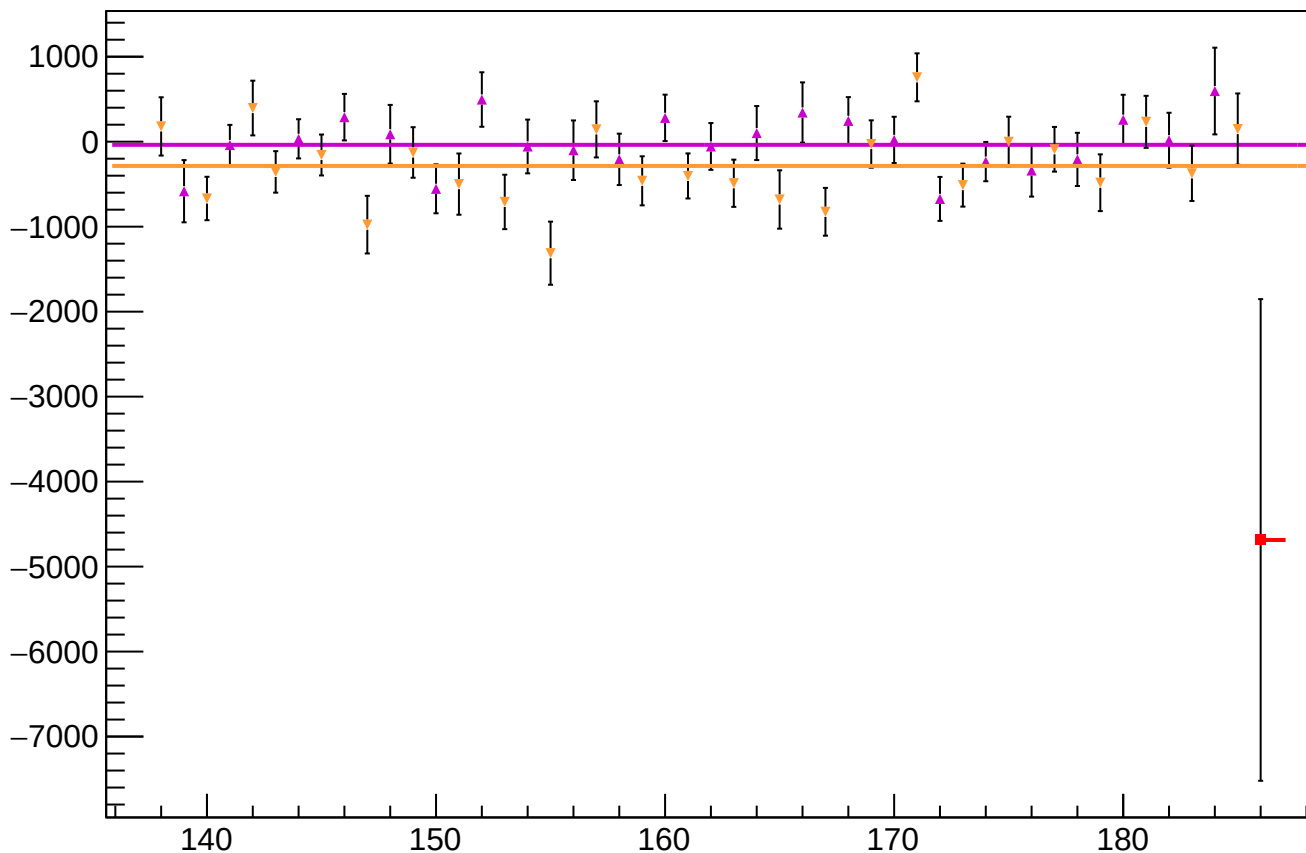
Left In: 71.843 ± 0.012 χ^2/NDF : 923326.2/22

+ sign 73.094 ± 0.011 χ^2/NDF : 1945054.3/41

All: 73.928 ± 0.008 χ^2/NDF : 4304827.7/84

- sign 74.808 ± 0.011 χ^2/NDF : 2347166.6/42

asym_sam8_correction_mean vs Slug



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

Left Out: -285.231 $\pm$ 59.396 χ^2 /NDF:52.1/24

Right Out: -4686.643 $\pm$ 2833.982 χ^2 /NDF: 0.0/0

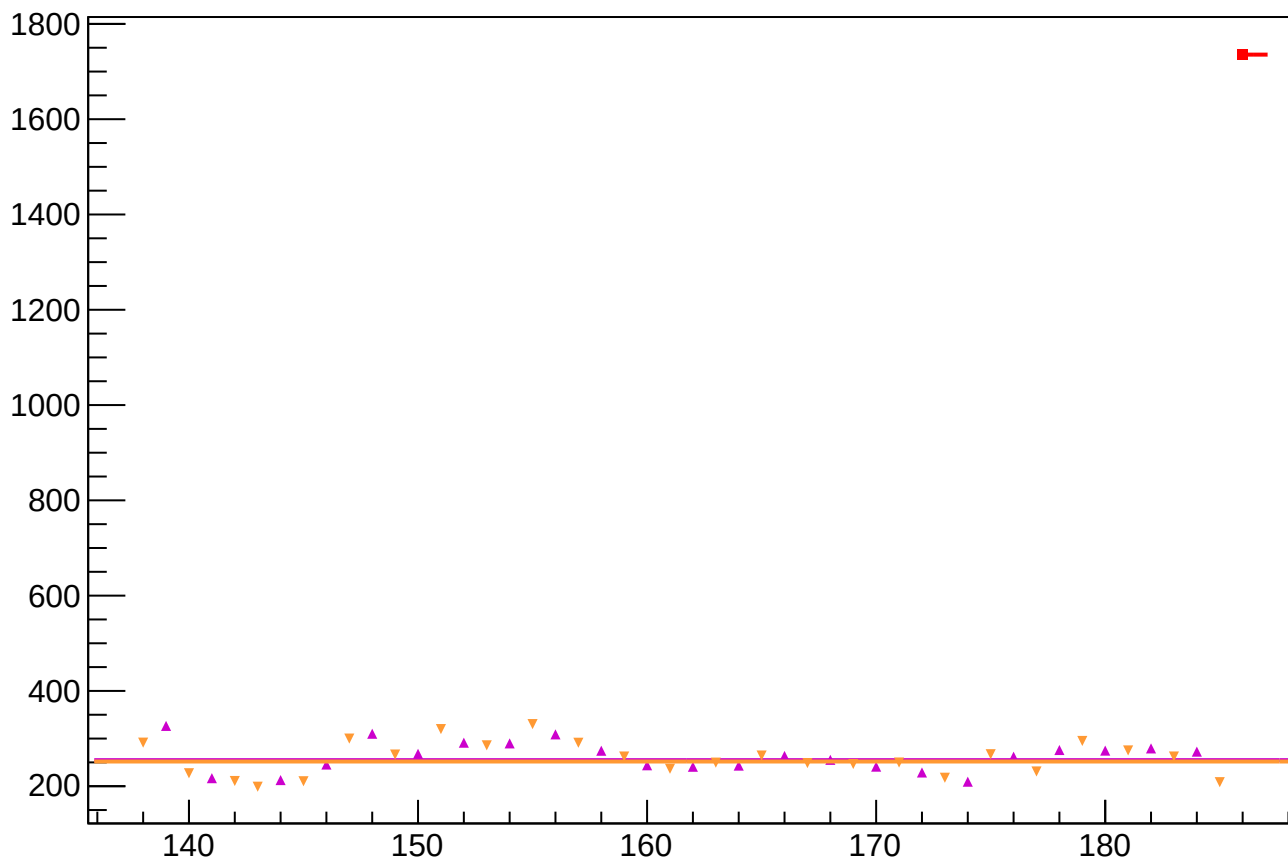
Left In: -36.923 $\pm$ 61.202 χ^2 /NDF:24.6/22

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

All: -165.818 $\pm$ 42.619 χ^2 /NDF: 87.7/48

- sign -39.090 $\pm$ 61.188 χ^2 /NDF: 27.3/23

asym_sam8_correction_rms vs Slug



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

Left Out: 251.862+/-0.042 χ^2/NDF : 623307.1/24

Right Out: 1735.545+/-2.004 χ^2/NDF : 0.0/0

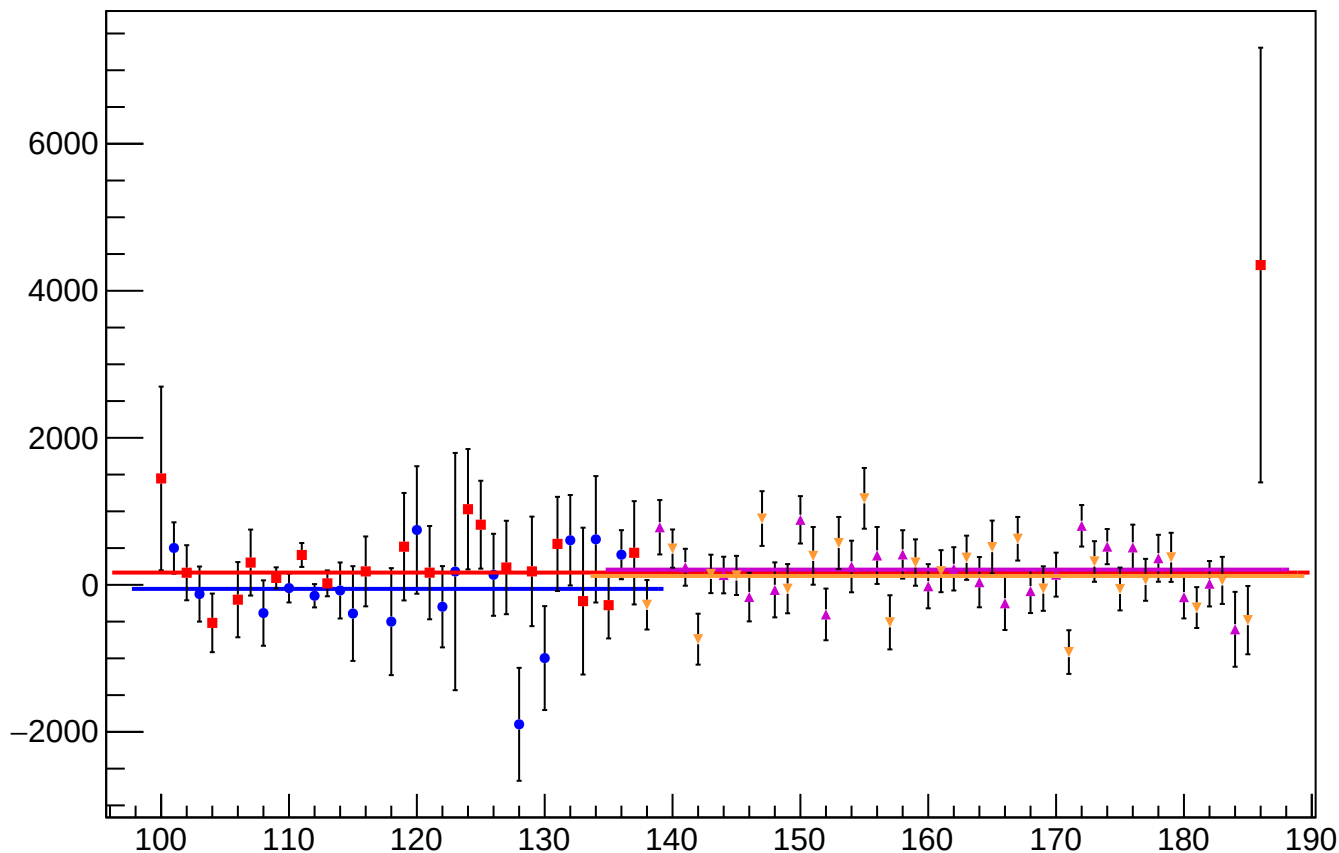
Left In: 254.694+/-0.043 χ^2/NDF : 506776.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.571+/-0.030 χ^2/NDF : 1679323.1/48

- sign 255.384+/-0.043 χ^2/NDF : 1052604.6/23

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

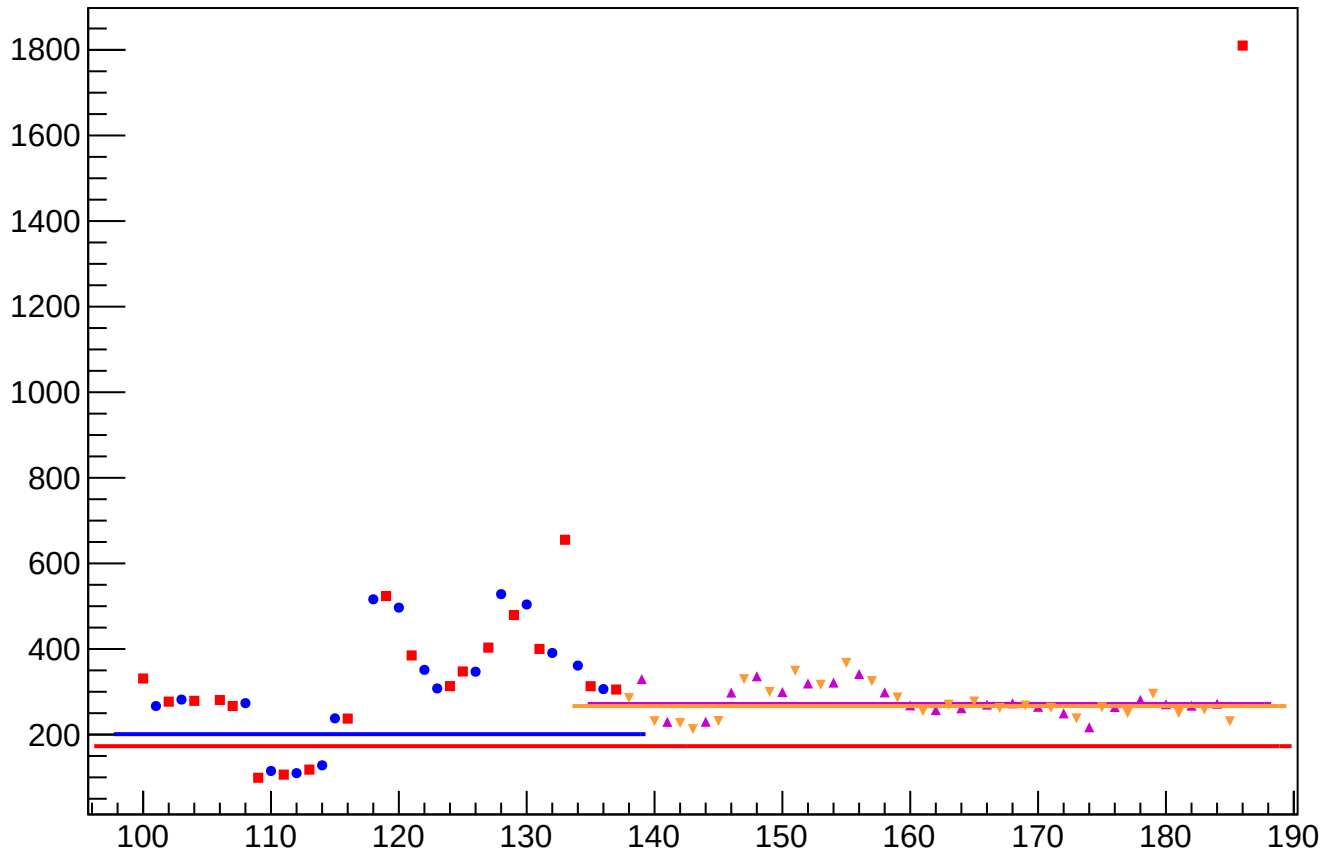
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ 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

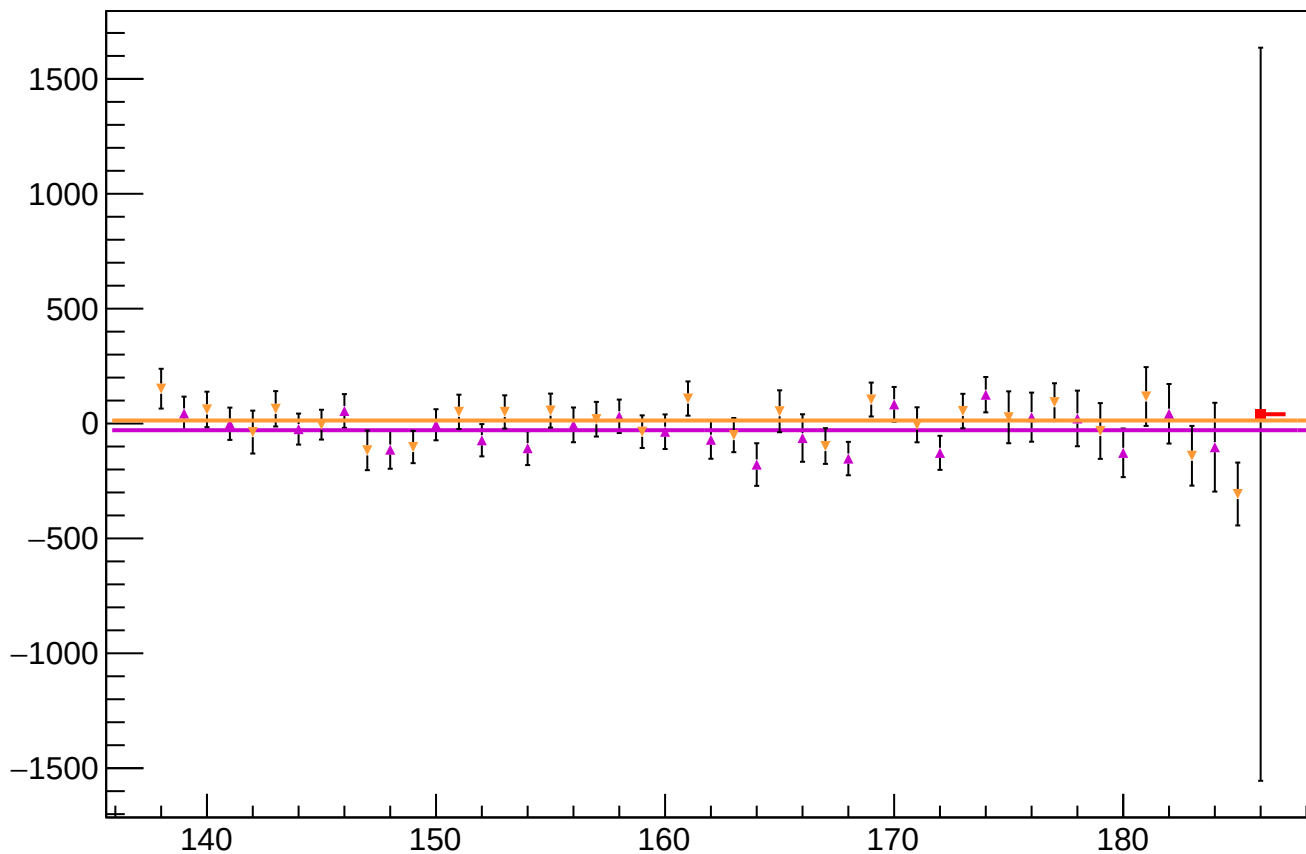
Left In: 271.451 $\pm$ 0.046 χ^2 /NDF: 530897.8/22

+ 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: 13.294 $\pm$ 16.364 χ^2 /NDF:25.2/24

Right Out: 40.507 $\pm$ 1595.420 χ^2 /NDF: 0.0/0

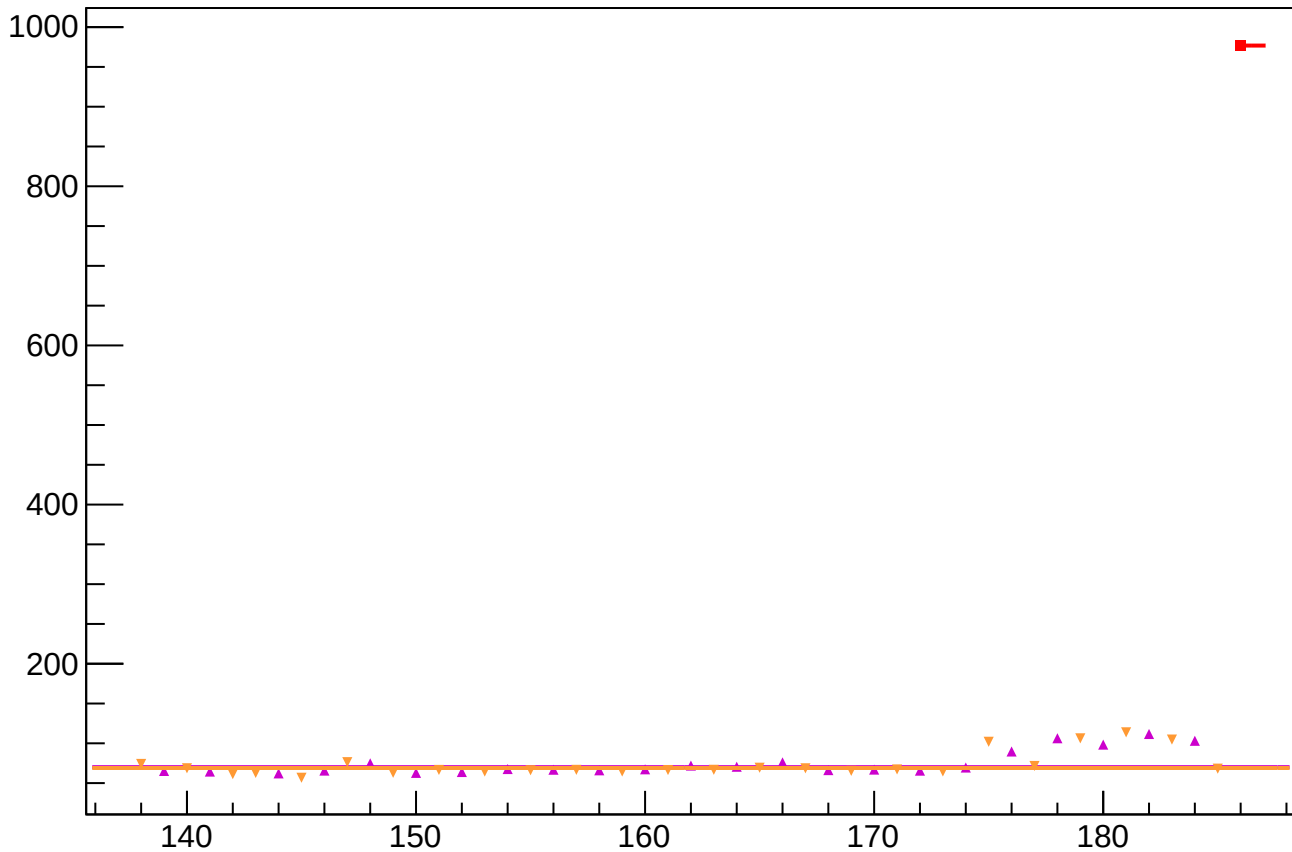
Left In: -29.073 $\pm$ 16.940 χ^2 /NDF:21.5/22

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

All: -7.154 $\pm$ 11.769 χ^2 /NDF: 50.0/48

- sign -29.065 $\pm$ 16.939 χ^2 /NDF: 21.5/23

dit_asym_sam_15_avg_rms vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 68.991 ± 0.012 $\chi^2/\text{NDF}: 931021.6/24$

Right Out: 976.825 ± 1.128 $\chi^2/\text{NDF}: 0.0/0$

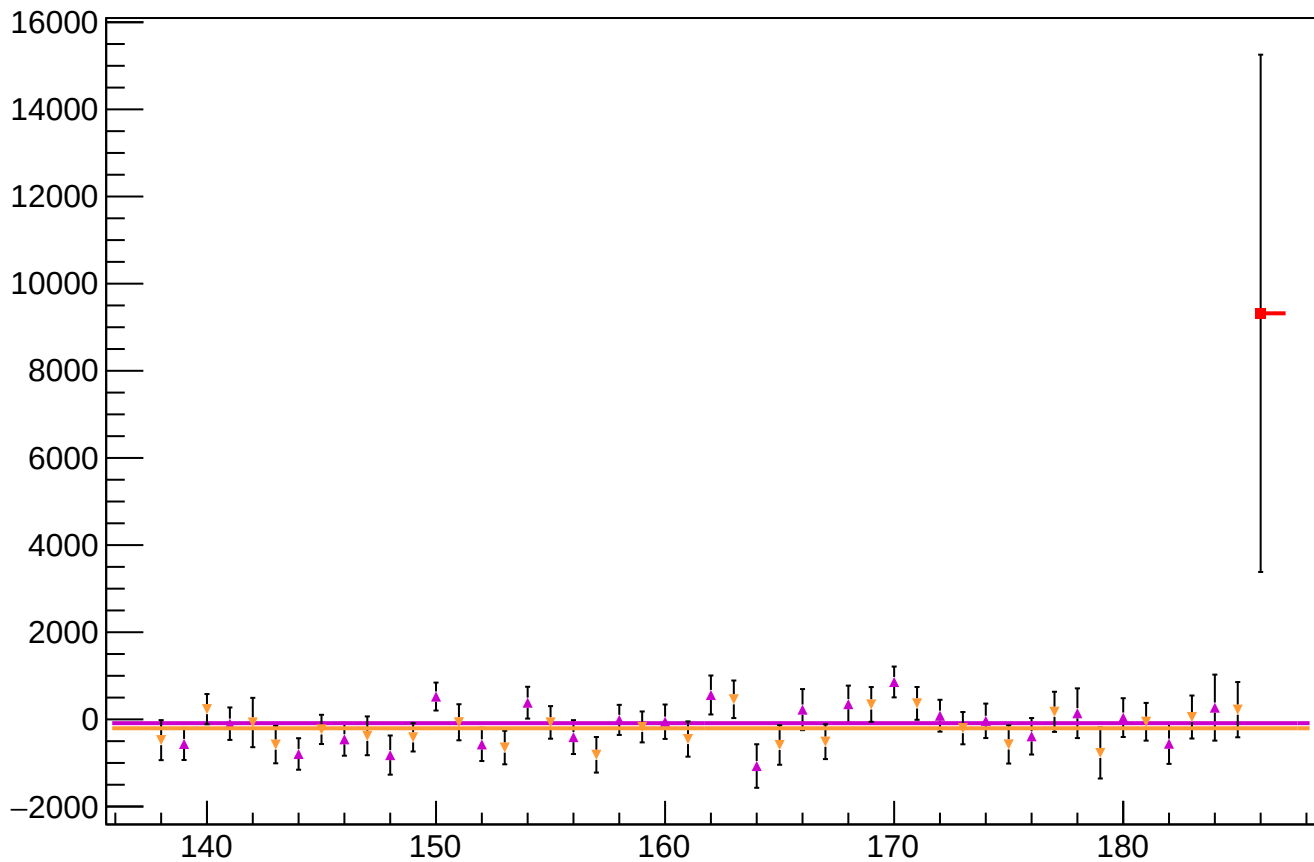
Left In: 70.058 ± 0.012 $\chi^2/\text{NDF}: 793545.7/22$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 69.555 ± 0.008 $\chi^2/\text{NDF}: 2375485.5/48$

- sign 70.160 ± 0.012 $\chi^2/\text{NDF}: 1439530.6/23$

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -204.446 $\pm$ 82.586 χ^2 /NDF:18.5/24

Right Out: 9319.308 $\pm$ 5936.194 χ^2 /NDF: 0.0/0

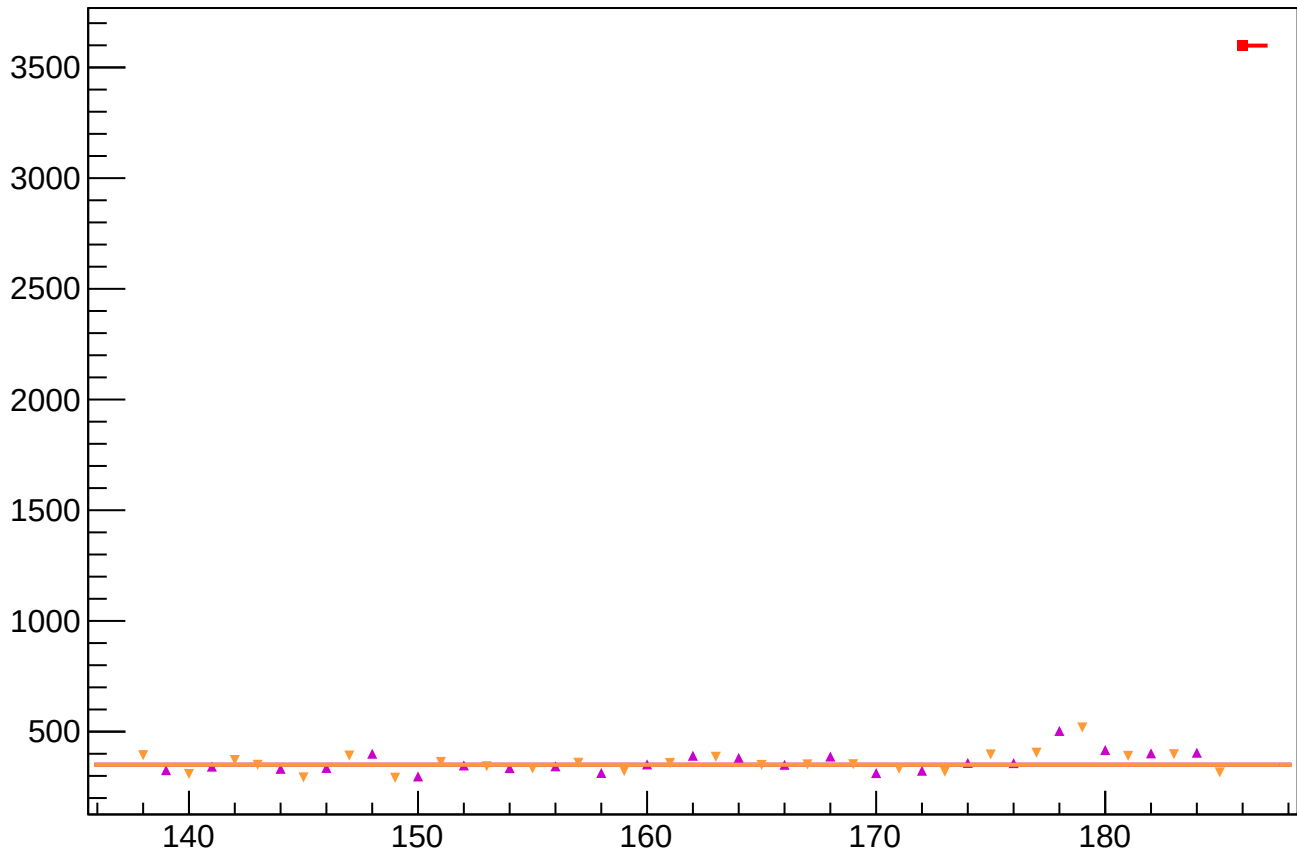
Left In: -86.922 $\pm$ 84.266 χ^2 /NDF:33.6/22

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

All: -145.933 $\pm$ 58.979 χ^2 /NDF: 55.7/48

- sign -85.027 $\pm$ 84.258 χ^2 /NDF: 36.1/23

asym_sam_15_avg_correction_rms vs Slug



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

Left Out: 350.500+/-0.058 χ^2/NDF : 500665.4/24

Right Out: 3598.678+/-4.198 χ^2/NDF : 0.0/0

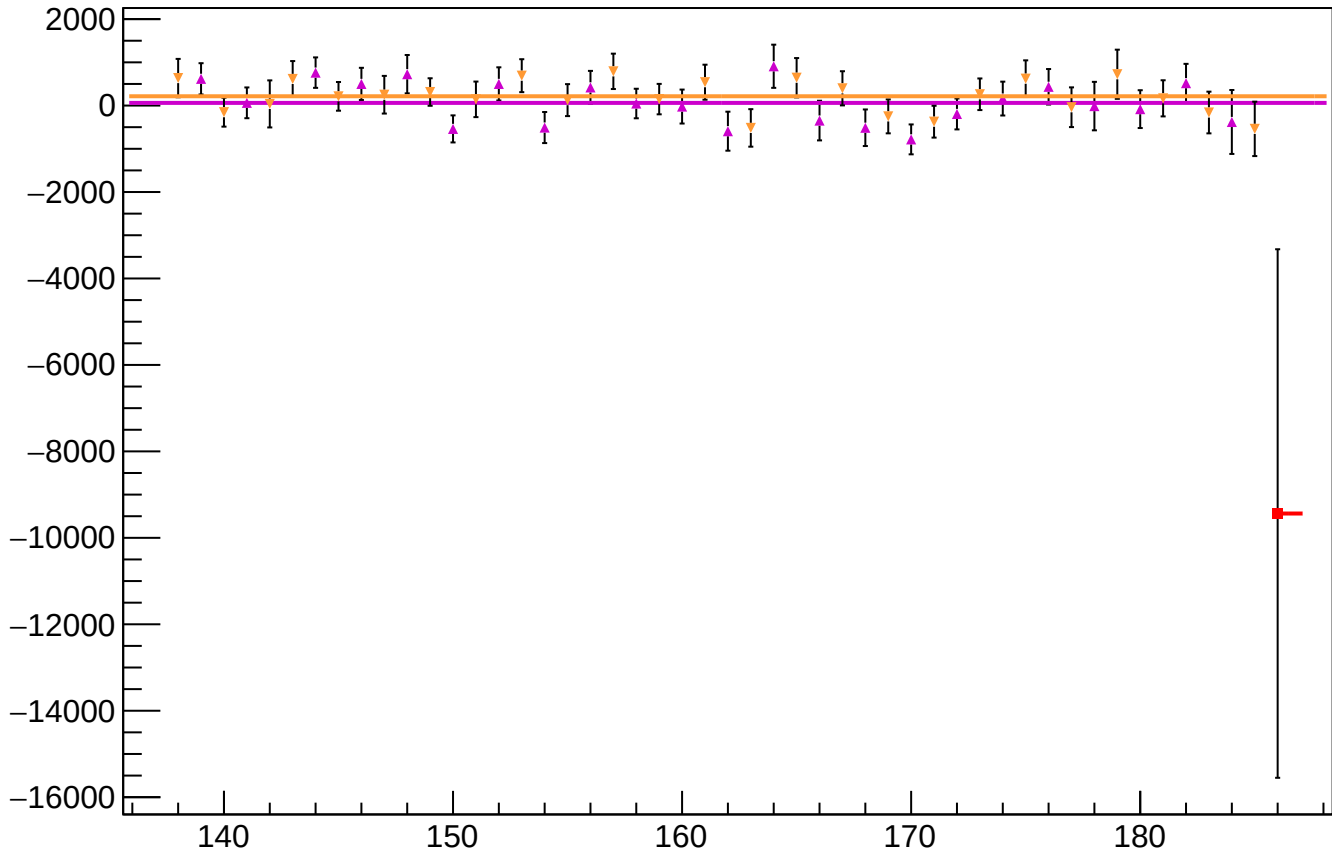
Left In: 350.780+/-0.060 χ^2/NDF : 421229.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.958+/-0.042 χ^2/NDF : 1520612.2/48

- sign 351.435+/-0.060 χ^2/NDF : 1019821.3/23

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

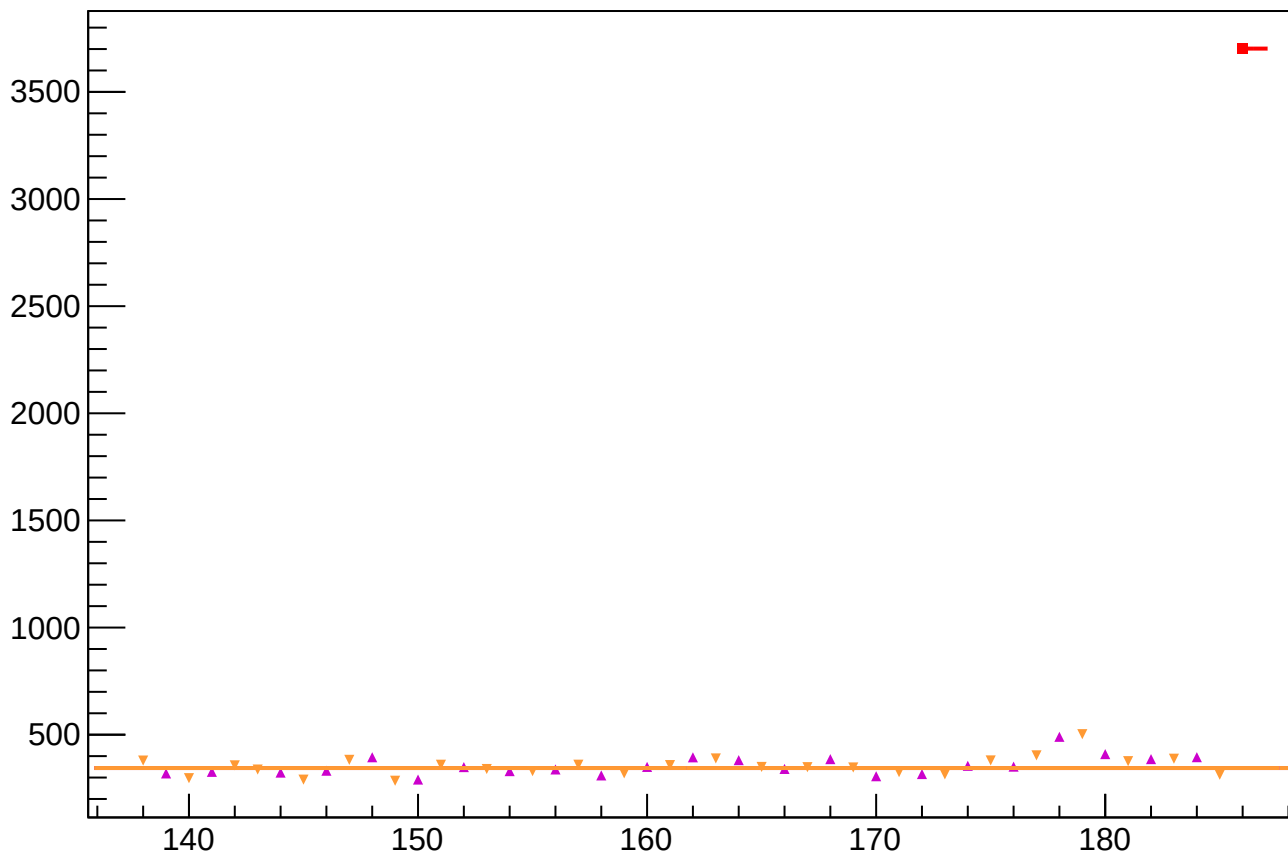
Left In: 61.730+/-82.841 χ^2/NDF :34.9/22

+ 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

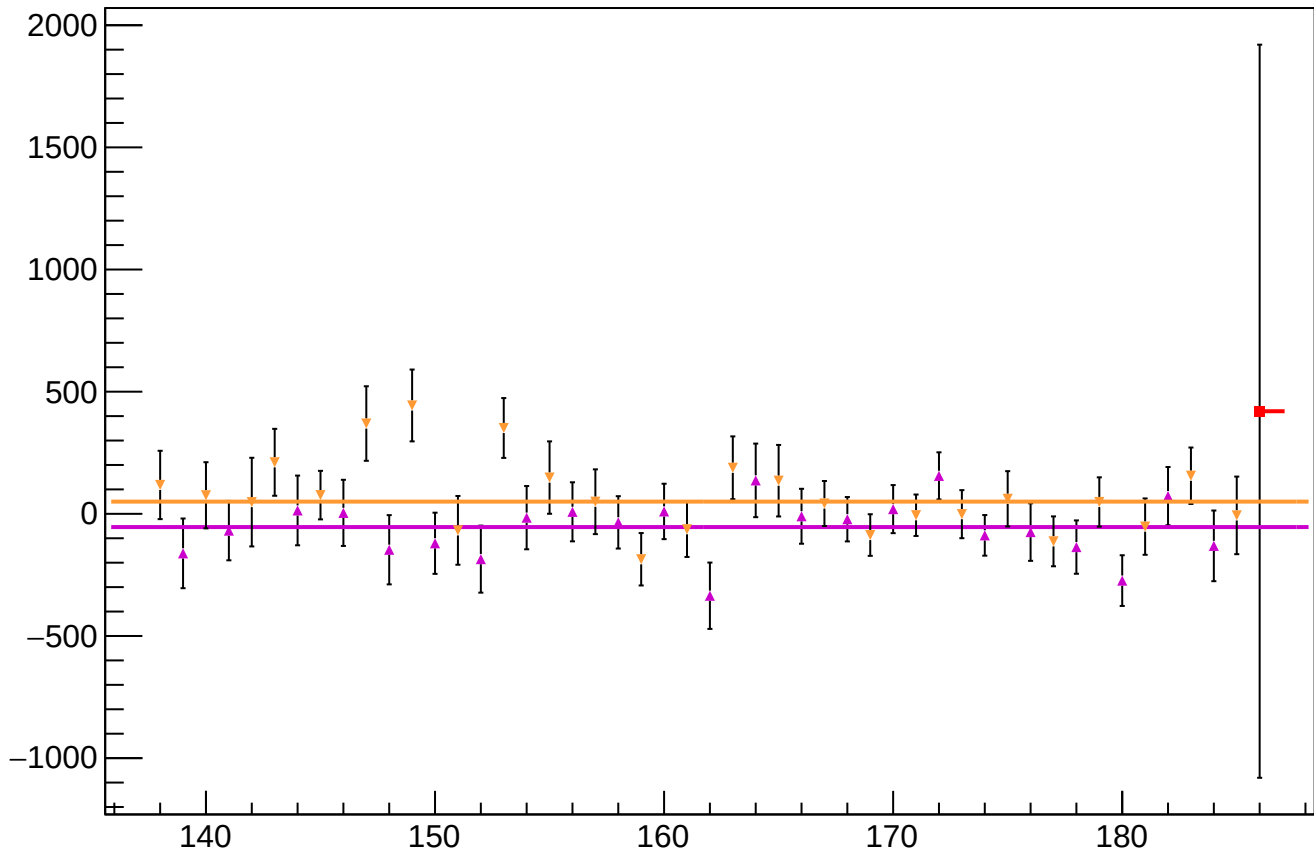
Left In: 344.475+/-0.059 χ^2/NDF : 433401.7/22

+ 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 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 50.044 ± 23.364 χ^2/NDF : 35.4/24

Right Out: 419.952 ± 1500.425 χ^2/NDF : 0.0/0

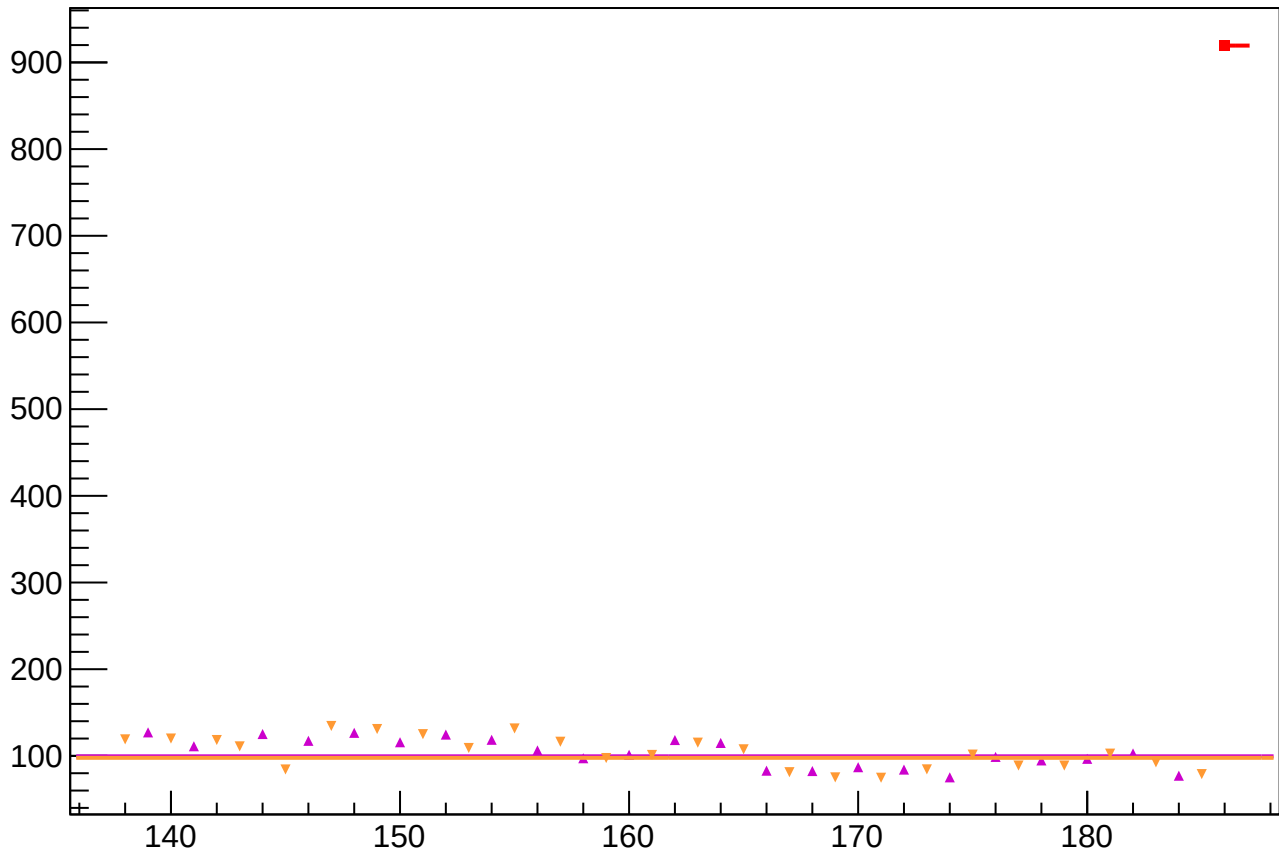
Left In: -54.211 ± 24.242 χ^2/NDF : 21.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.109 ± 16.821 χ^2/NDF : 66.5/48

- sign -54.087 ± 24.239 χ^2/NDF : 21.5/23

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 97.776+/-0.017 χ^2/NDF : 1140773.7/24

Right Out: 919.410+/-1.061 χ^2/NDF : 0.0/0

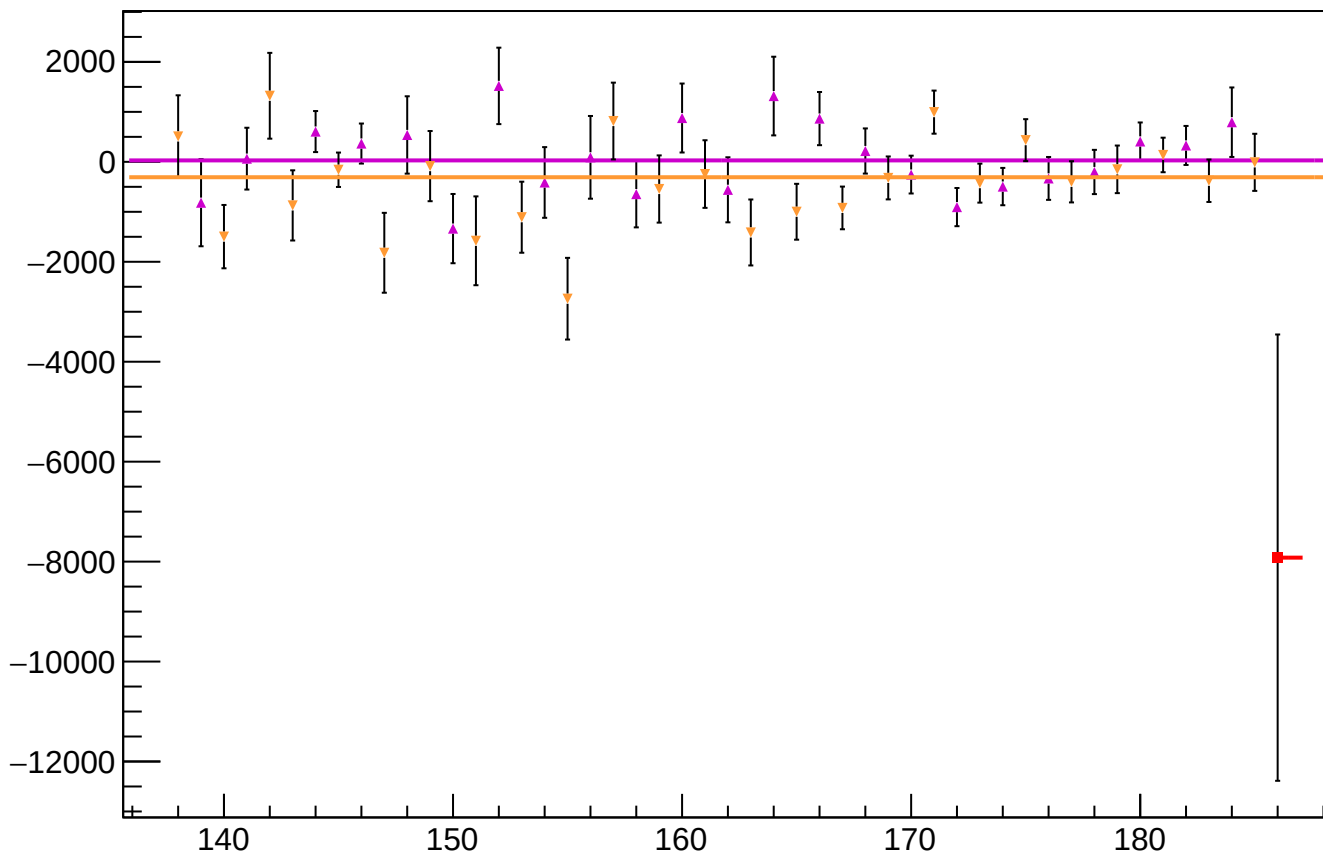
Left In: 99.502+/-0.017 χ^2/NDF : 898572.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.711+/-0.012 χ^2/NDF : 2643045.2/48

- sign 99.716+/-0.017 χ^2/NDF : 1495632.5/23

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -308.038 $\pm$ 104.531 χ^2 /NDF:47.9/24

Right Out: -7920.589 $\pm$ 4465.656 χ^2 /NDF: 0.0/0

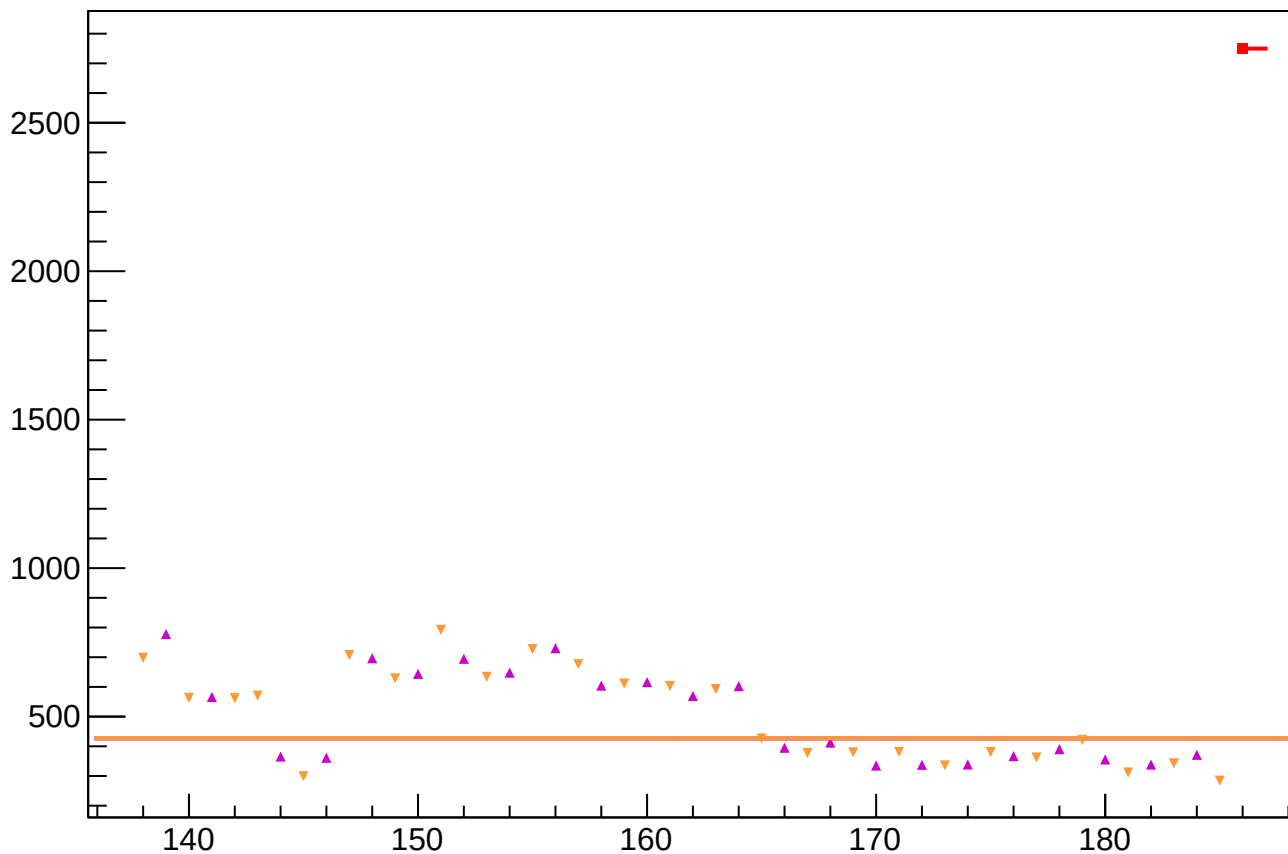
Left In: 28.710 $\pm$ 106.080 χ^2 /NDF:33.1/22

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

All: -144.303 $\pm$ 74.446 χ^2 /NDF: 89.1/48

- sign 24.226 $\pm$ 106.050 χ^2 /NDF: 36.3/23

asym_sam_26_avg_correction_rms vs Slug



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

Left Out: 426.792+/-0.074 χ^2/NDF : 3210955.9/24

Right Out: 2749.691+/-3.158 χ^2/NDF : 0.0/0

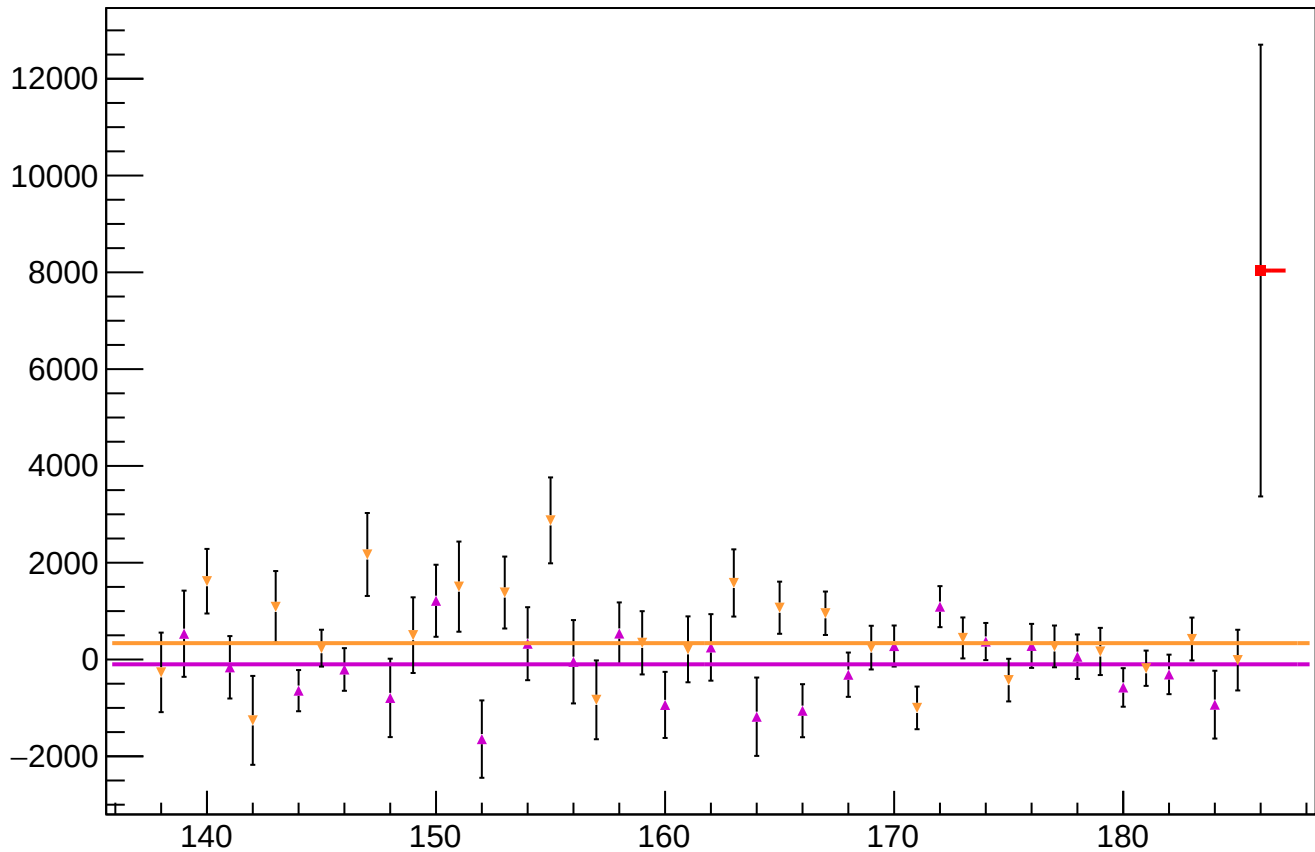
Left In: 426.333+/-0.075 χ^2/NDF : 2745935.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.212+/-0.053 χ^2/NDF : 6498018.3/48

- sign 427.643+/-0.075 χ^2/NDF : 3286997.1/23

asym_sam_26_avg_mean vs Slug



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

Left Out: 337.948+/-109.831 χ^2/NDF : 48.6/24

Right Out: 8036.867+/-4667.395 χ^2/NDF : 0.0/0

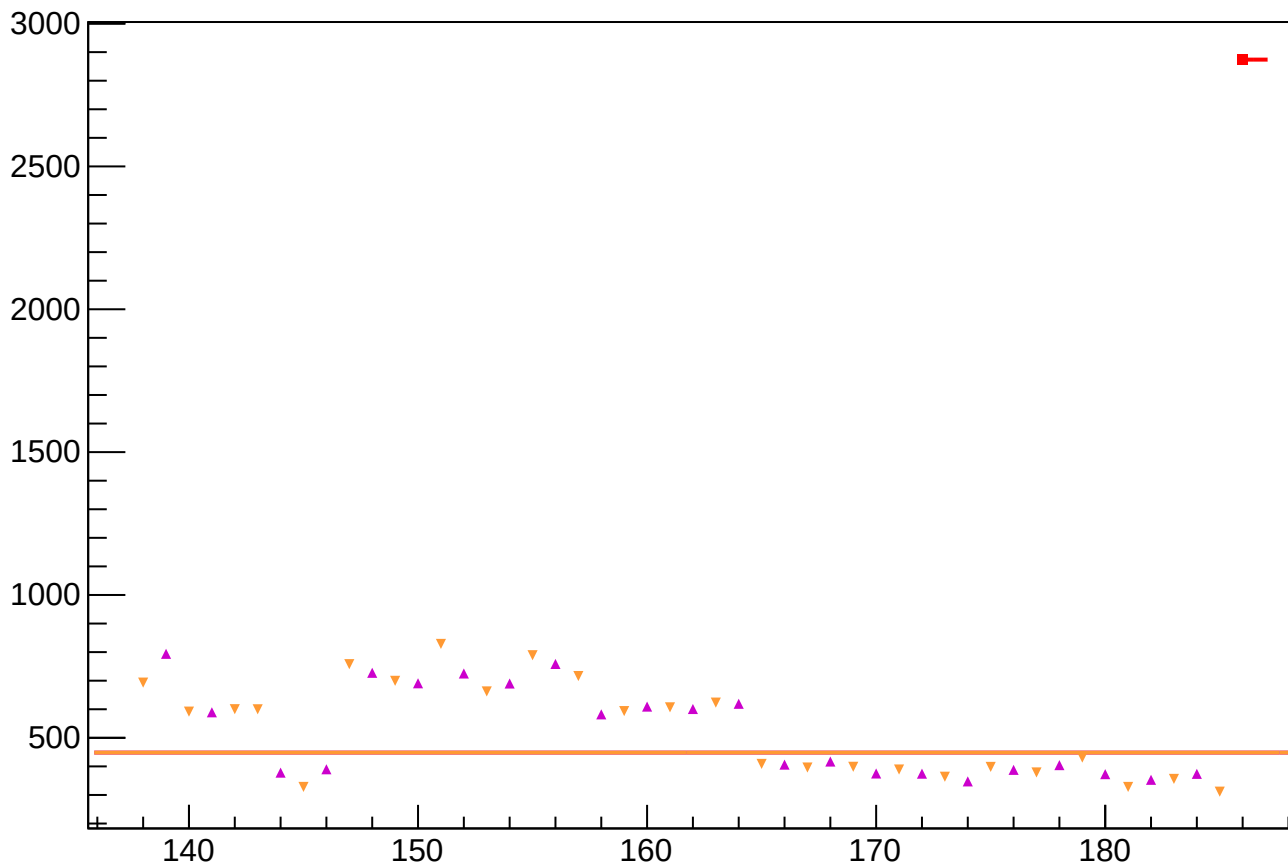
Left In: -99.475+/-111.475 χ^2/NDF : 32.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.709+/-78.226 χ^2/NDF : 91.3/48

- sign -94.837+/-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

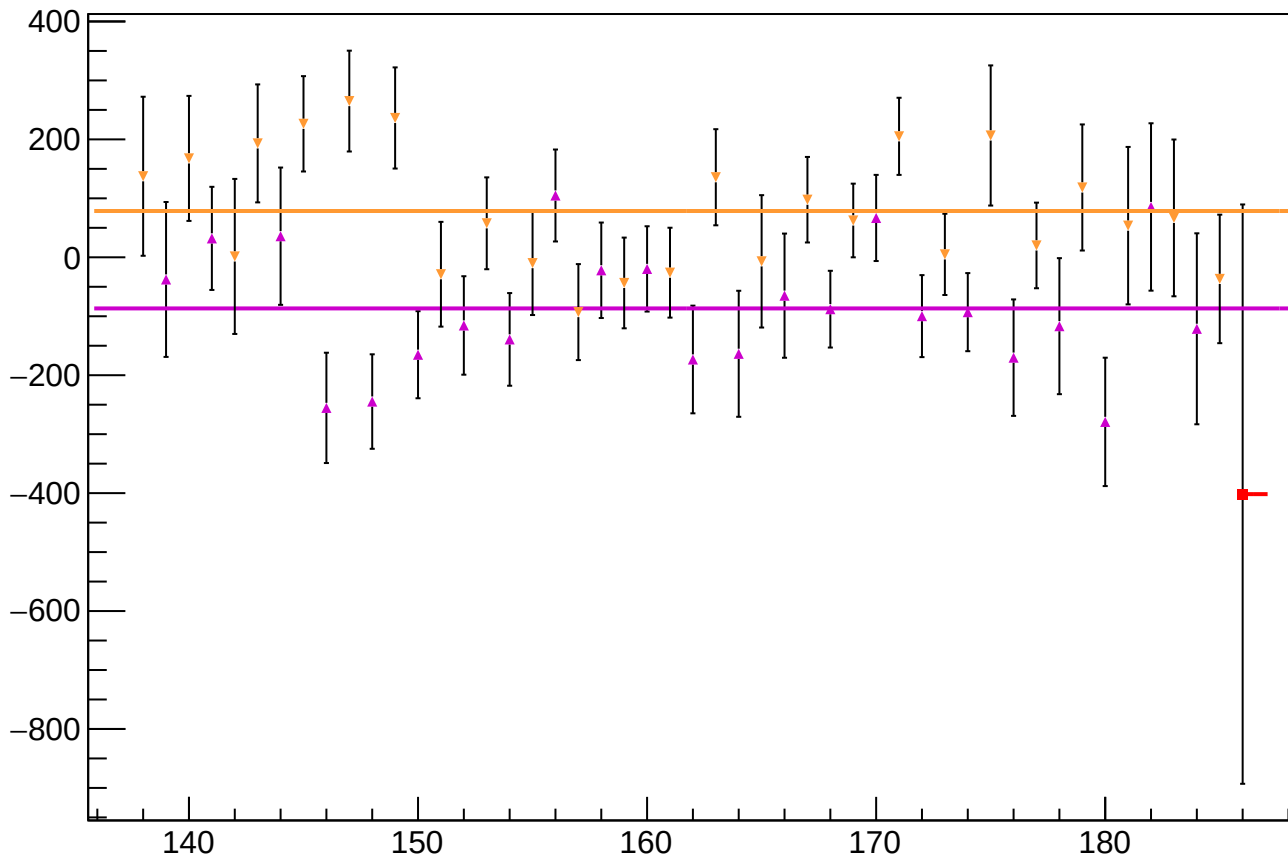
Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

+ 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 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 78.521 ± 17.395 χ^2/NDF : 34.6/24

Right Out: -401.692 ± 491.310 χ^2/NDF : 0.0/0

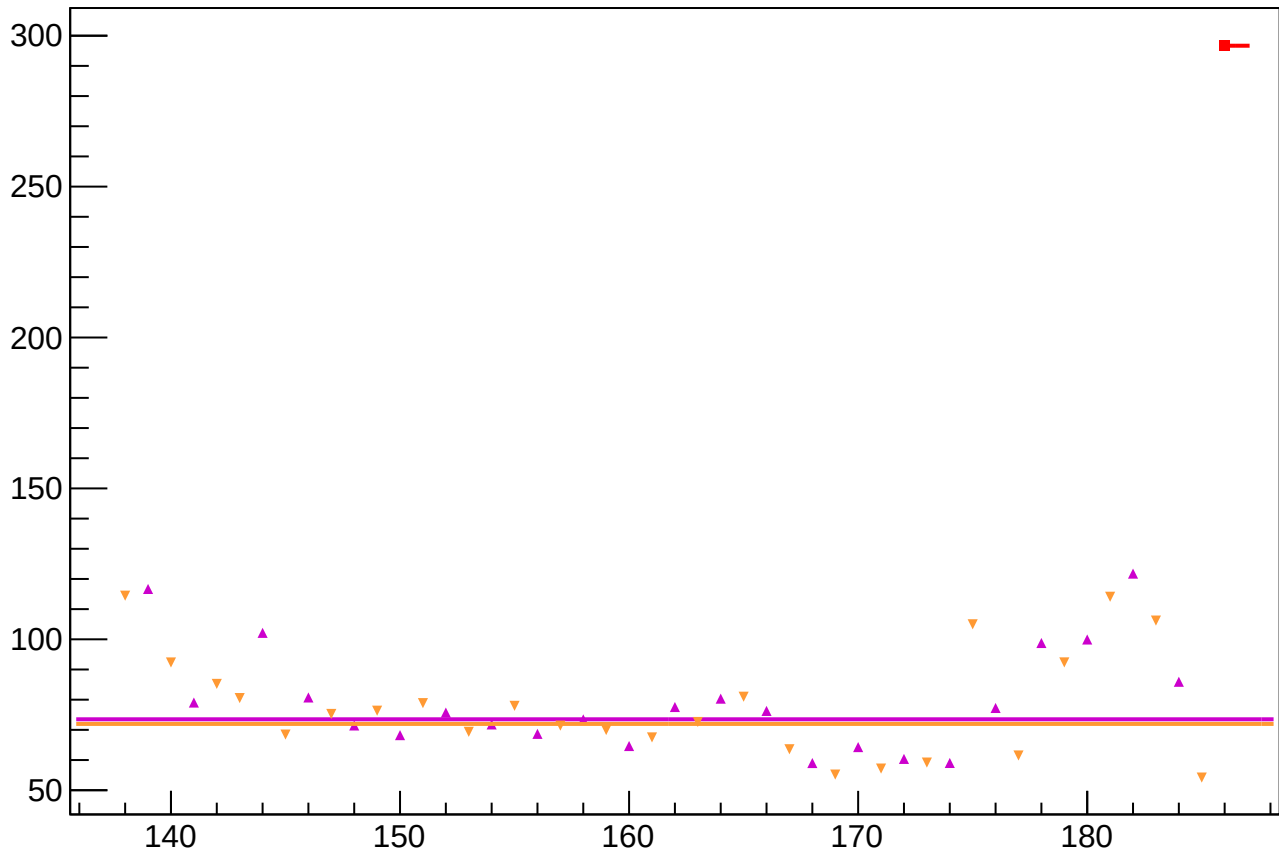
Left In: -86.721 ± 18.153 χ^2/NDF : 30.8/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.838 ± 12.555 χ^2/NDF : 109.3/48

- sign -87.150 ± 18.140 χ^2/NDF : 31.2/23

dit_asym_sam_37_avg_rms vs Slug



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

Left Out: 71.964 $\pm$ 0.012 χ^2 /NDF:1360059.9/24

Right Out: 296.684 $\pm$ 0.347 χ^2 /NDF: 0.0/0

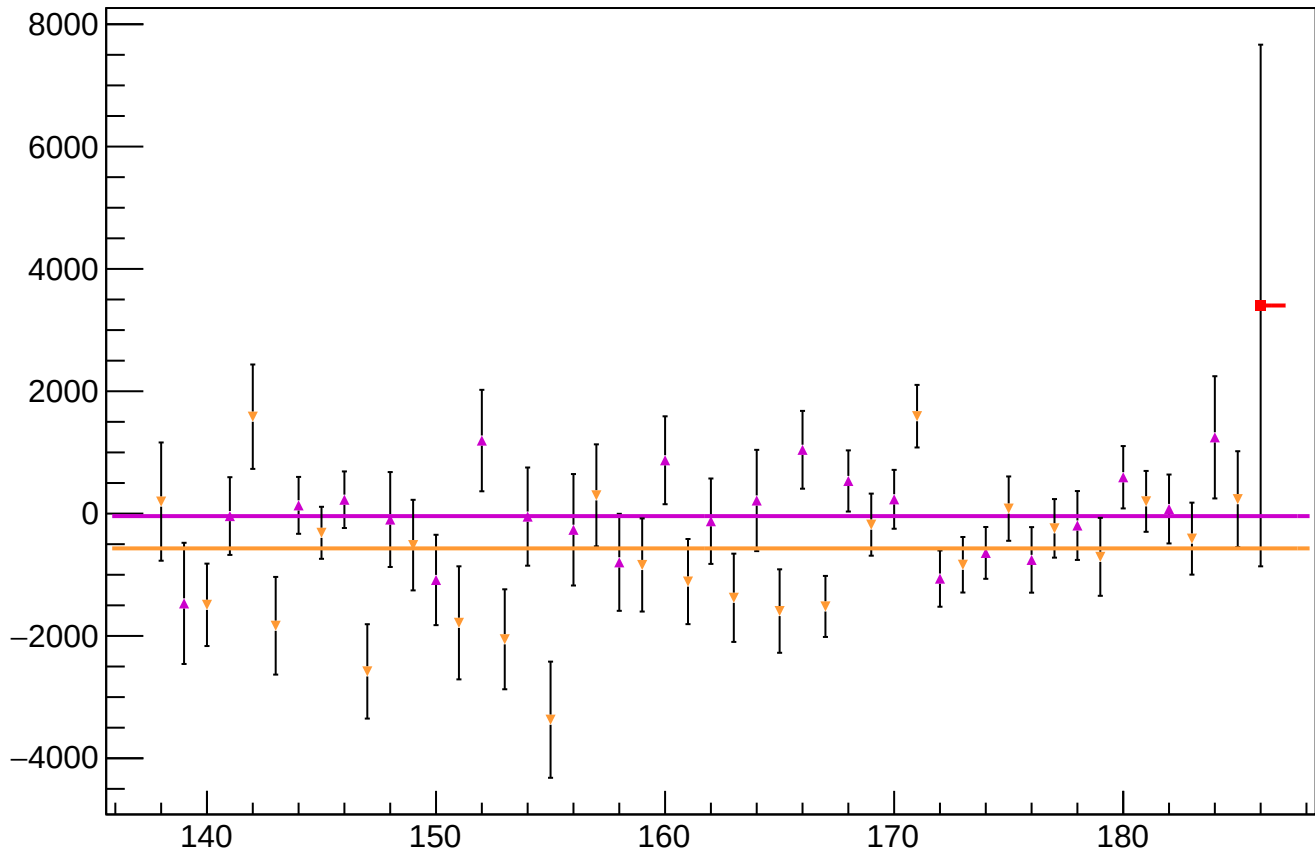
Left In: 73.503 $\pm$ 0.013 χ^2 /NDF:1179670.4/22

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

All: 72.847 $\pm$ 0.009 χ^2 /NDF: 2962624.8/48

- sign 73.807 $\pm$ 0.013 χ^2 /NDF: 1591805.8/23

asym_sam_37_avg_correction_mean vs Slug



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

Left Out: -568.824 $\pm$ 125.104 χ^2 /NDF:65.6/24

Right Out: 3401.898 $\pm$ 4264.039 χ^2 /NDF: 0.0/0

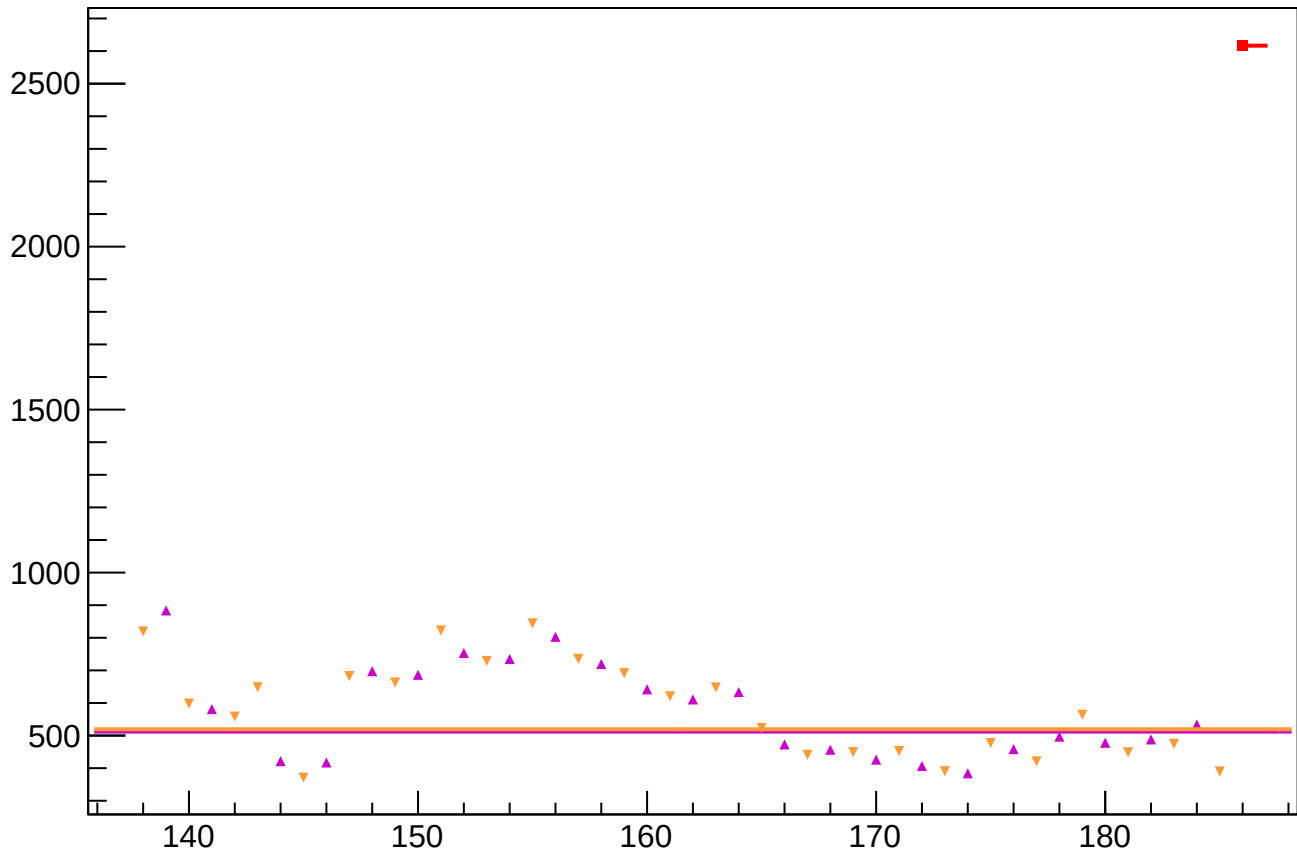
Left In: -41.212 $\pm$ 125.719 χ^2 /NDF:26.1/22

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

All: -304.708 $\pm$ 88.660 χ^2 /NDF: 101.2/48

- sign -38.222 $\pm$ 125.665 χ^2 /NDF: 26.7/23

asym_sam_37_avg_correction_rms vs Slug



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

Left Out: 519.337+/-0.088 χ^2/NDF : 2104194.2/24

Right Out: 2616.630+/-3.015 χ^2/NDF : 0.0/0

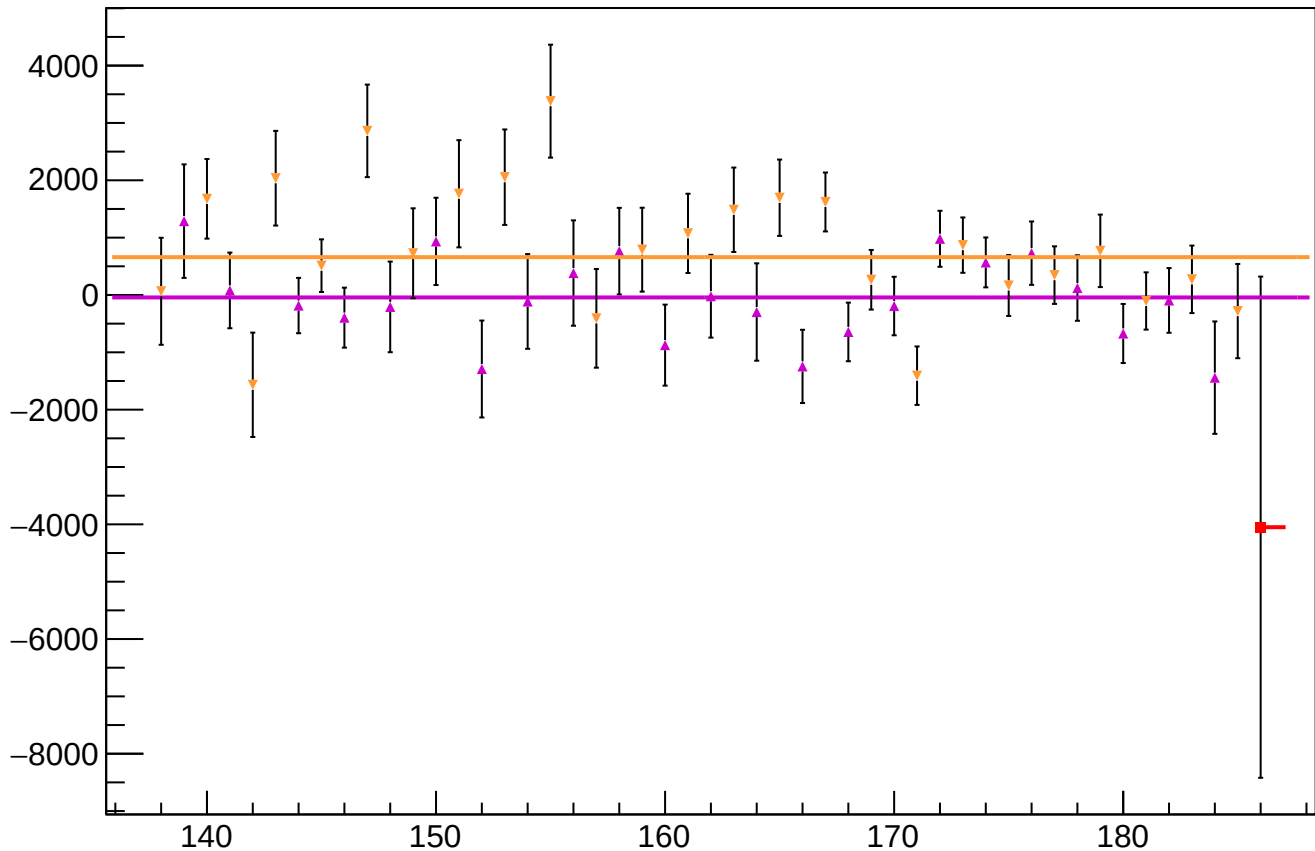
Left In: 512.163+/-0.089 χ^2/NDF : 1921516.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.676+/-0.063 χ^2/NDF : 4514265.1/48

- sign 513.991+/-0.089 χ^2/NDF : 2408253.5/23

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

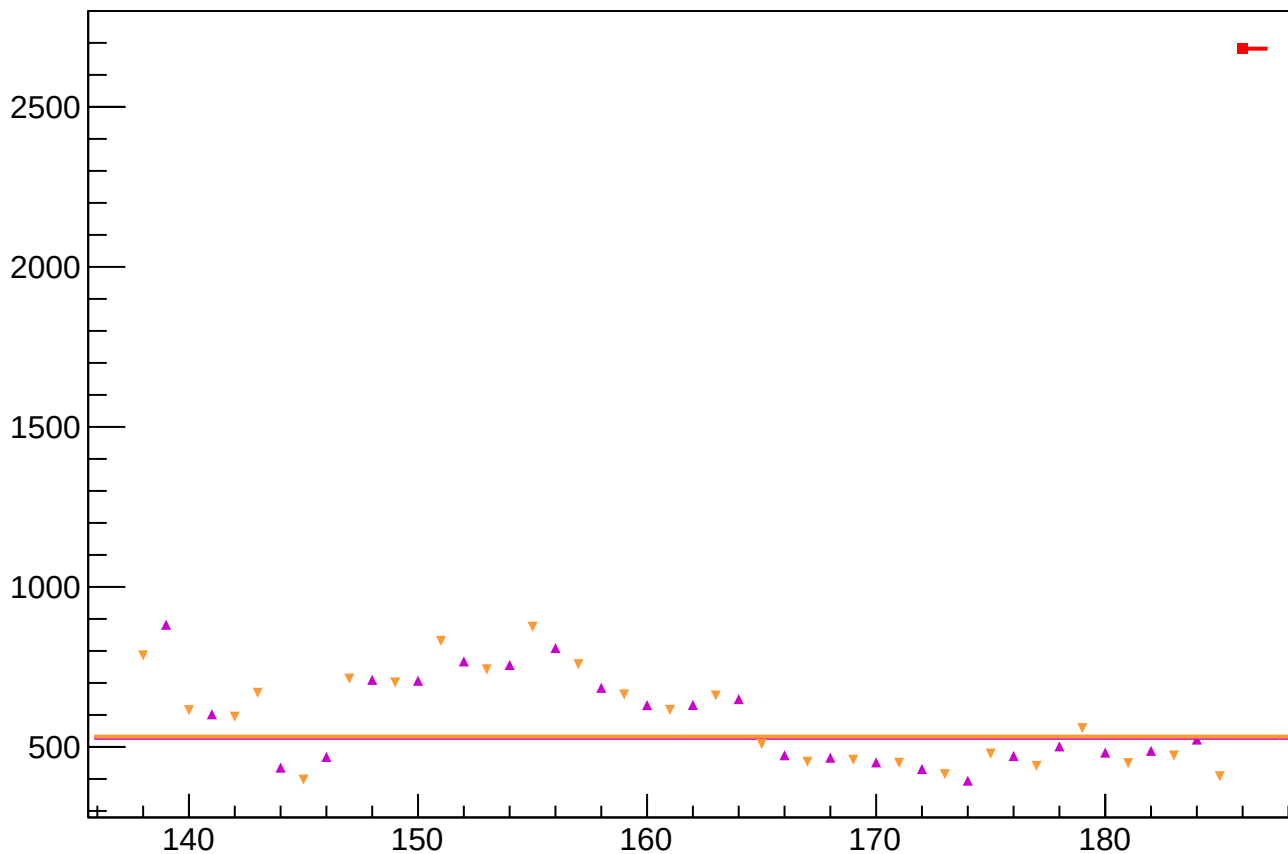
Left In: -43.183 $\pm$ 129.538 χ^2 /NDF: 26.0/22

+ 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

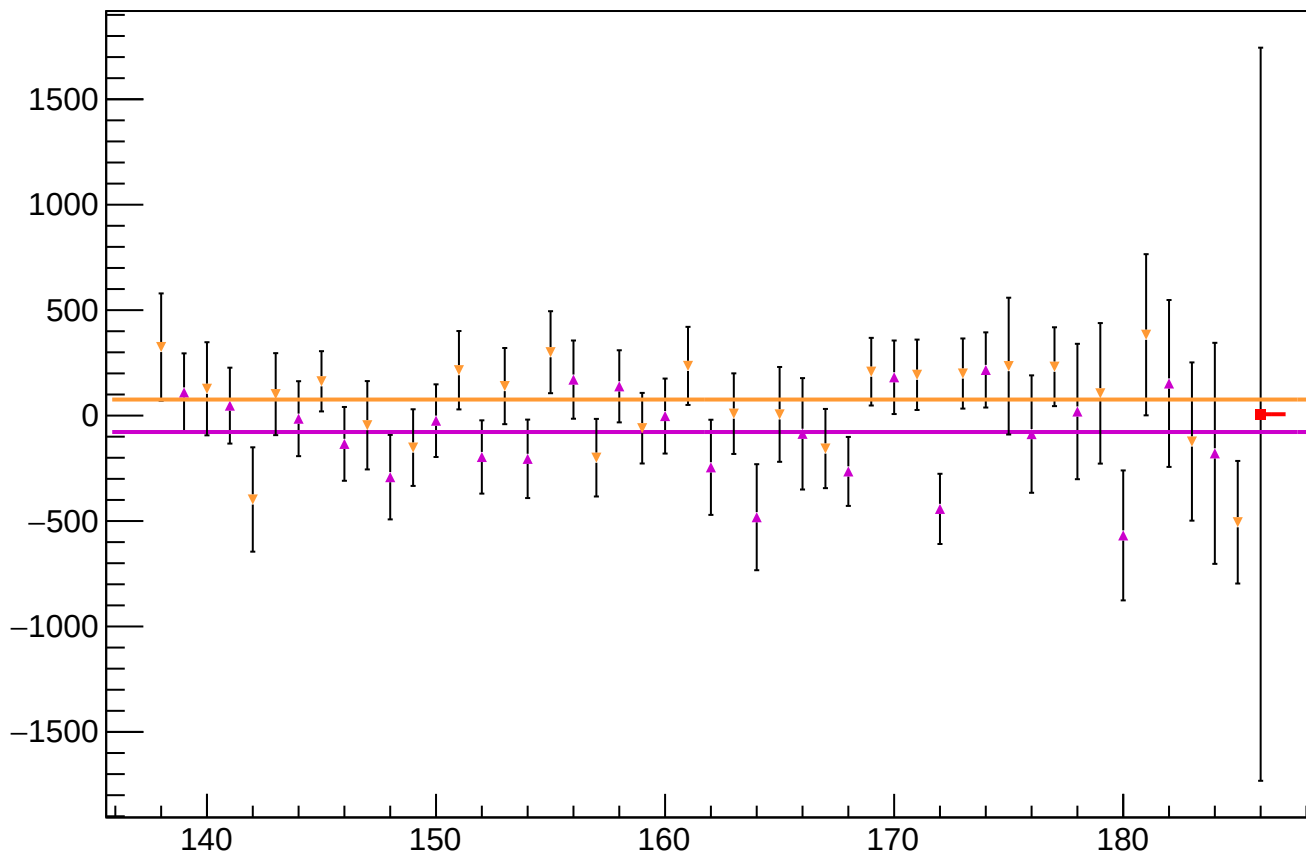
Left In: 528.464+/-0.092 χ^2/NDF : 1712049.5/22

+ 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: 76.100 $\pm$ 40.137 χ^2 /NDF:22.0/24

Right Out: 6.417 $\pm$ 1738.174 χ^2 /NDF: 0.0/0

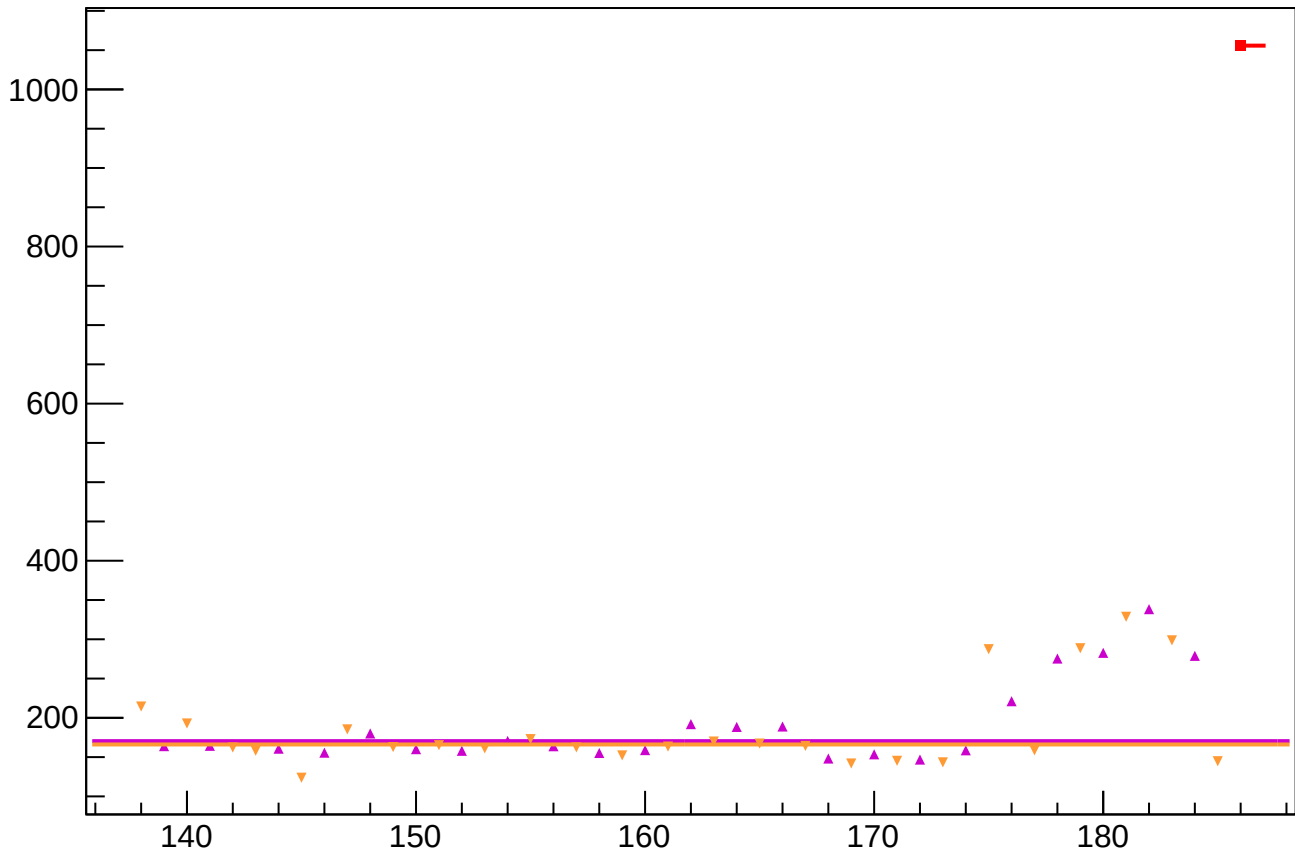
Left In: -77.905 $\pm$ 41.864 χ^2 /NDF:24.7/22

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

All: 2.340 $\pm$ 28.968 χ^2 /NDF: 53.7/48

- sign -77.856 $\pm$ 41.851 χ^2 /NDF: 24.7/23

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 166.106+/-0.028 χ^2/NDF : 1608449.8/24

Right Out: 1055.752+/-1.229 χ^2/NDF : 0.0/0

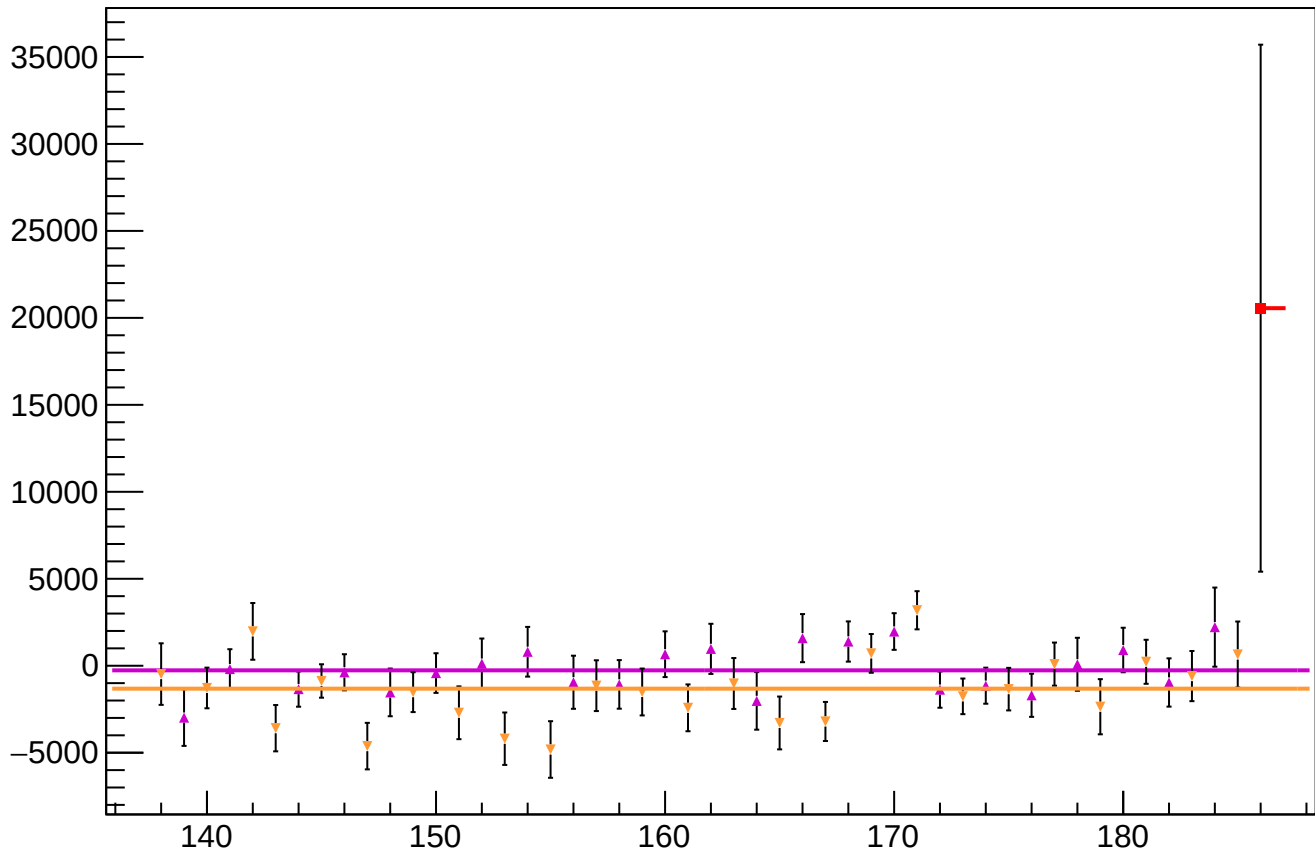
Left In: 170.340+/-0.030 χ^2/NDF : 1208577.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.380+/-0.020 χ^2/NDF : 3349092.8/48

- sign 170.853+/-0.030 χ^2/NDF : 1727237.6/23

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -1317.466 $\pm$ 261.671 χ^2 /NDF: 52.8/24

Right Out: 20557.711 $\pm$ 15149.527 χ^2 /NDF: 0.0/0

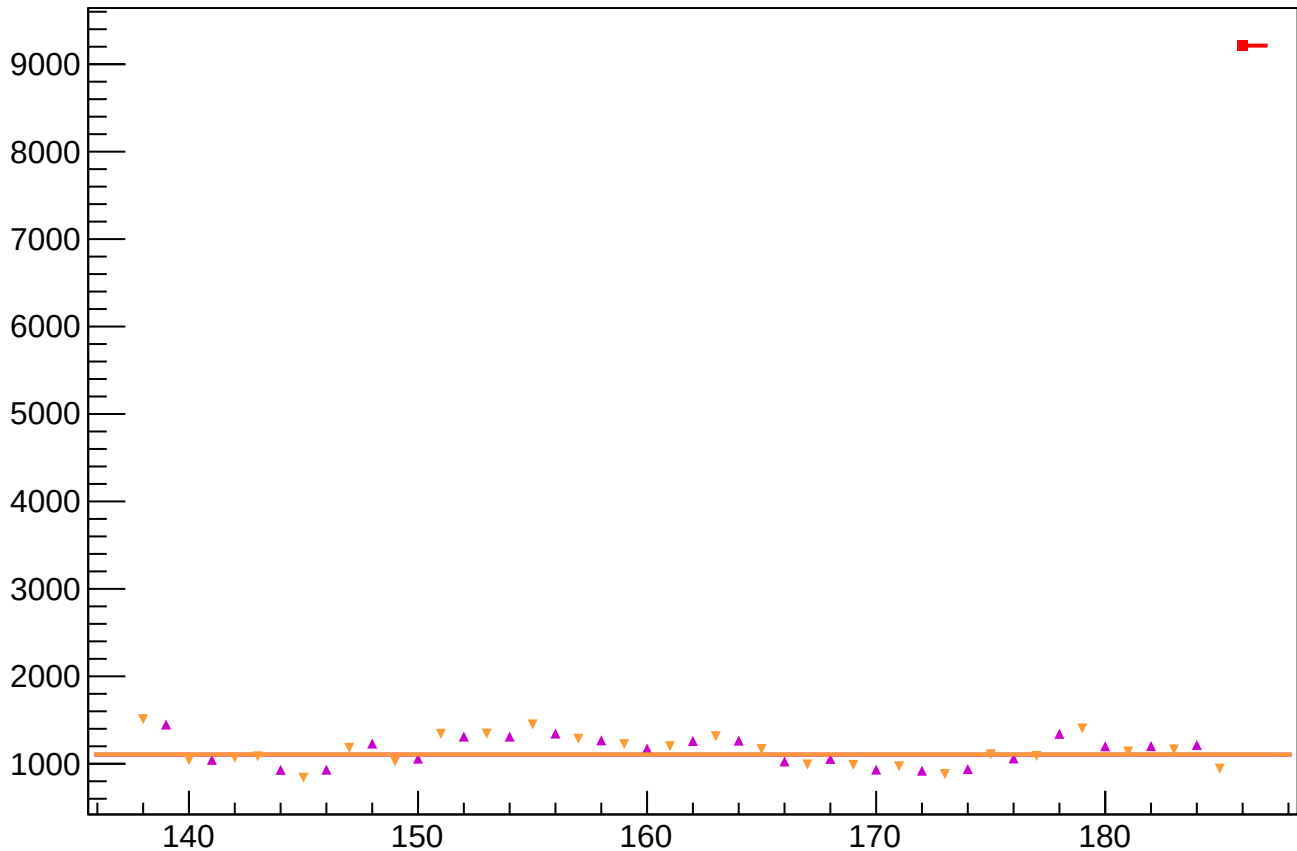
Left In: -264.475 $\pm$ 266.184 χ^2 /NDF: 22.2/22

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

All: -796.733 $\pm$ 186.590 χ^2 /NDF: 85.0/48

- sign -258.049 $\pm$ 266.143 χ^2 /NDF: 24.1/23

asym_sam_48_avg_correction_rms vs Slug



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

Left Out: 1106.854+/-0.185 χ^2/NDF : 828472.5/24

Right Out: 9212.670+/-10.712 χ^2/NDF : 0.0/0

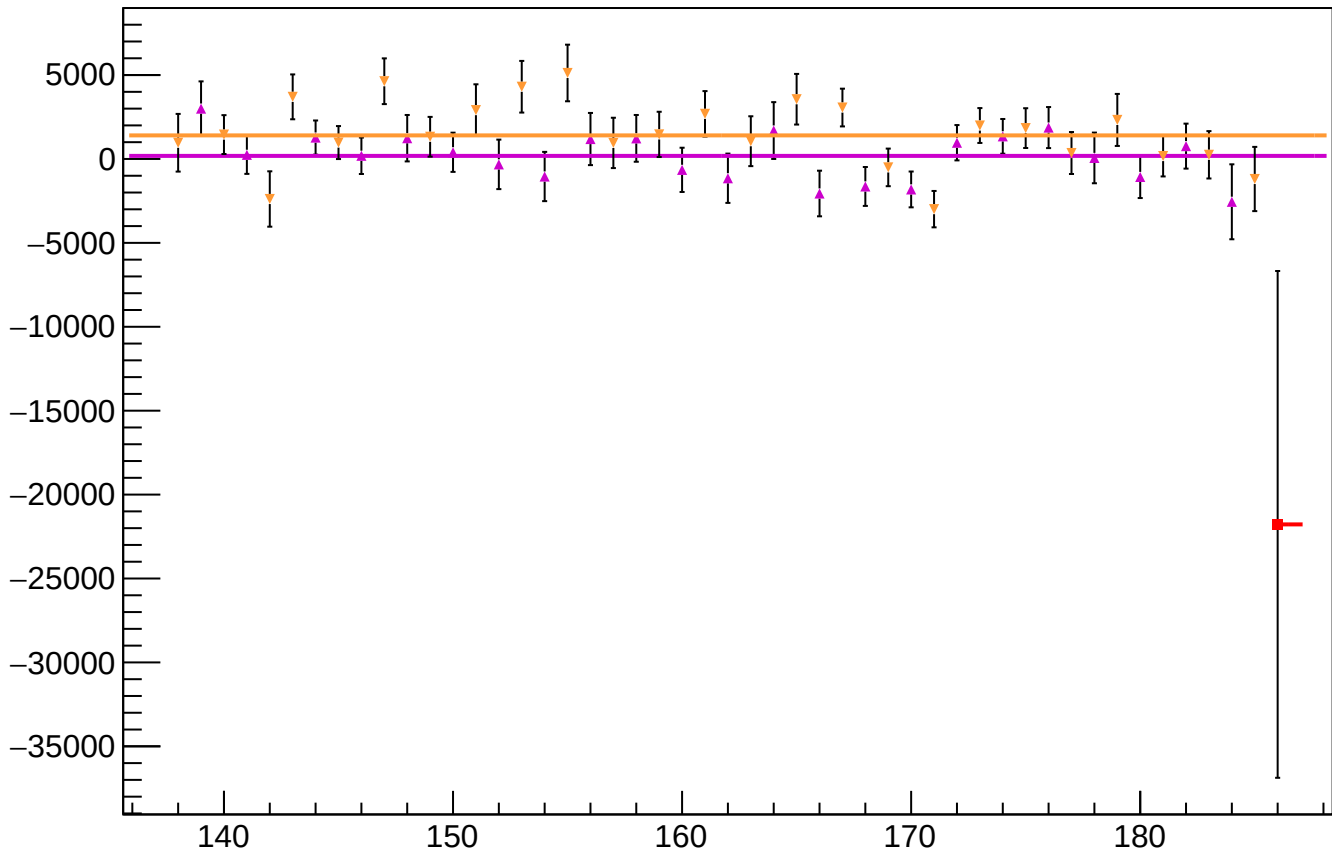
Left In: 1104.996+/-0.188 χ^2/NDF : 689175.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1107.171+/-0.132 χ^2/NDF : 2090305.8/48

- sign 1107.499+/-0.188 χ^2/NDF : 1261827.3/23

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

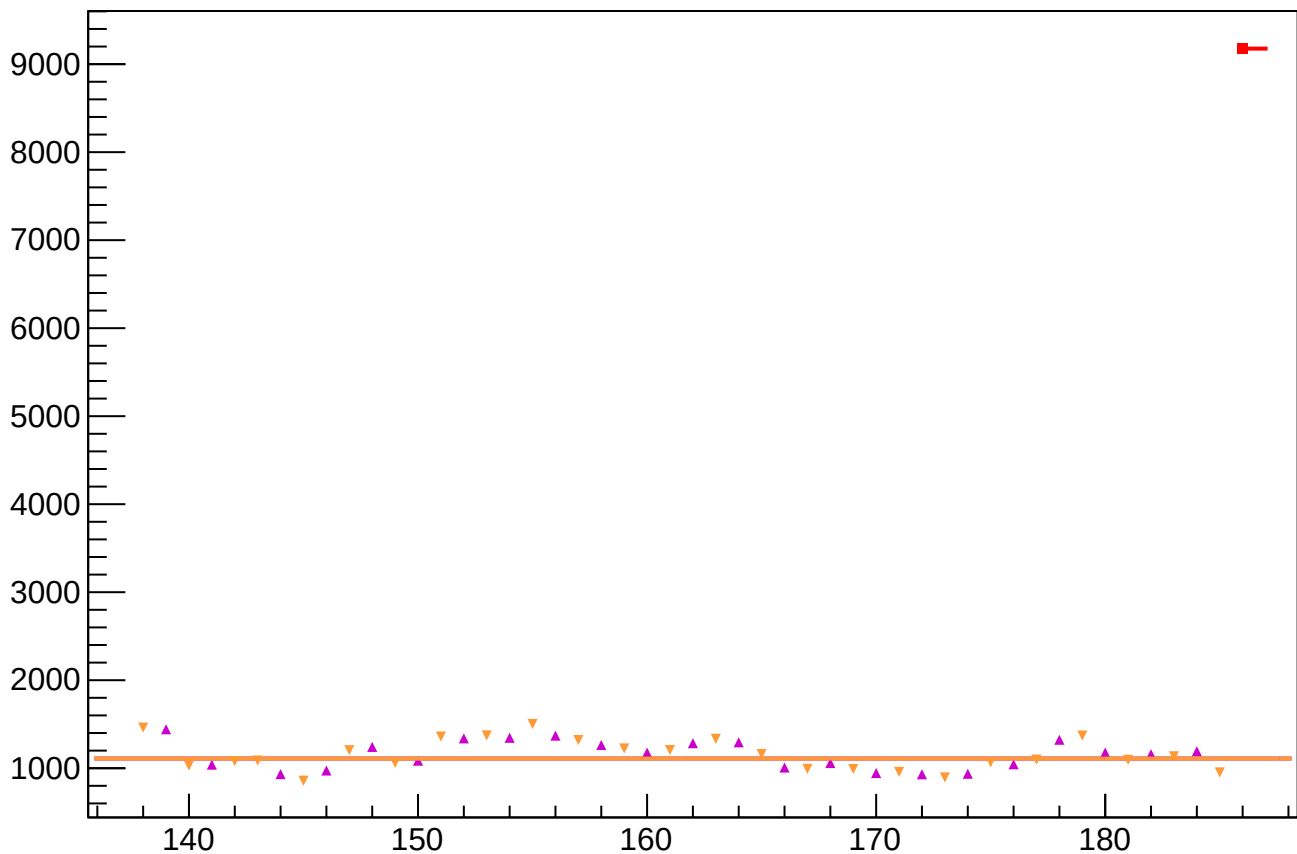
Left In: 183.249 ± 267.620 χ^2/NDF : 23.7/22

+ 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

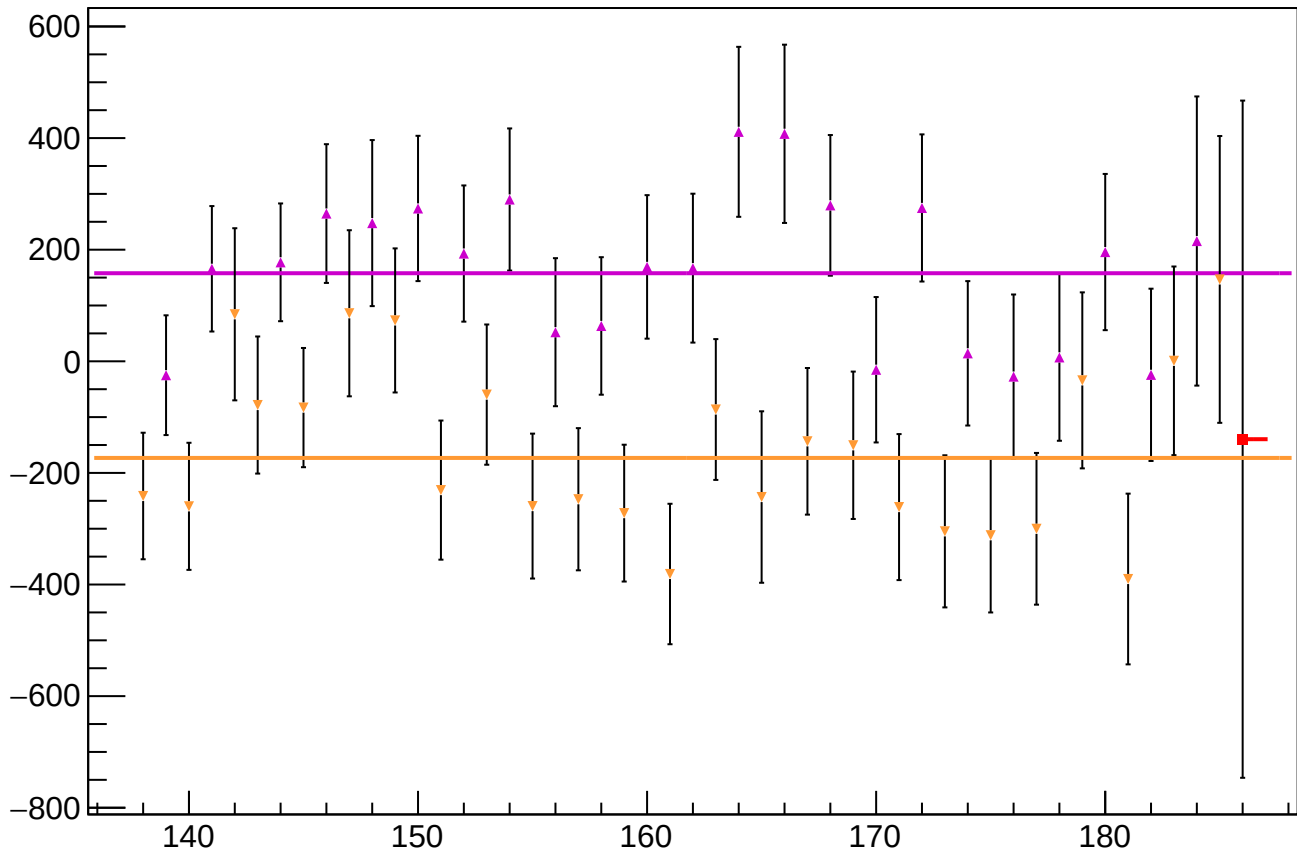
Left In: 1110.162+/-0.189 χ^2/NDF : 673229.2/22

+ 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: -173.150 ± 26.664 χ^2/NDF : 26.3/24

Right Out: -139.582 ± 606.761 χ^2/NDF : 0.0/0

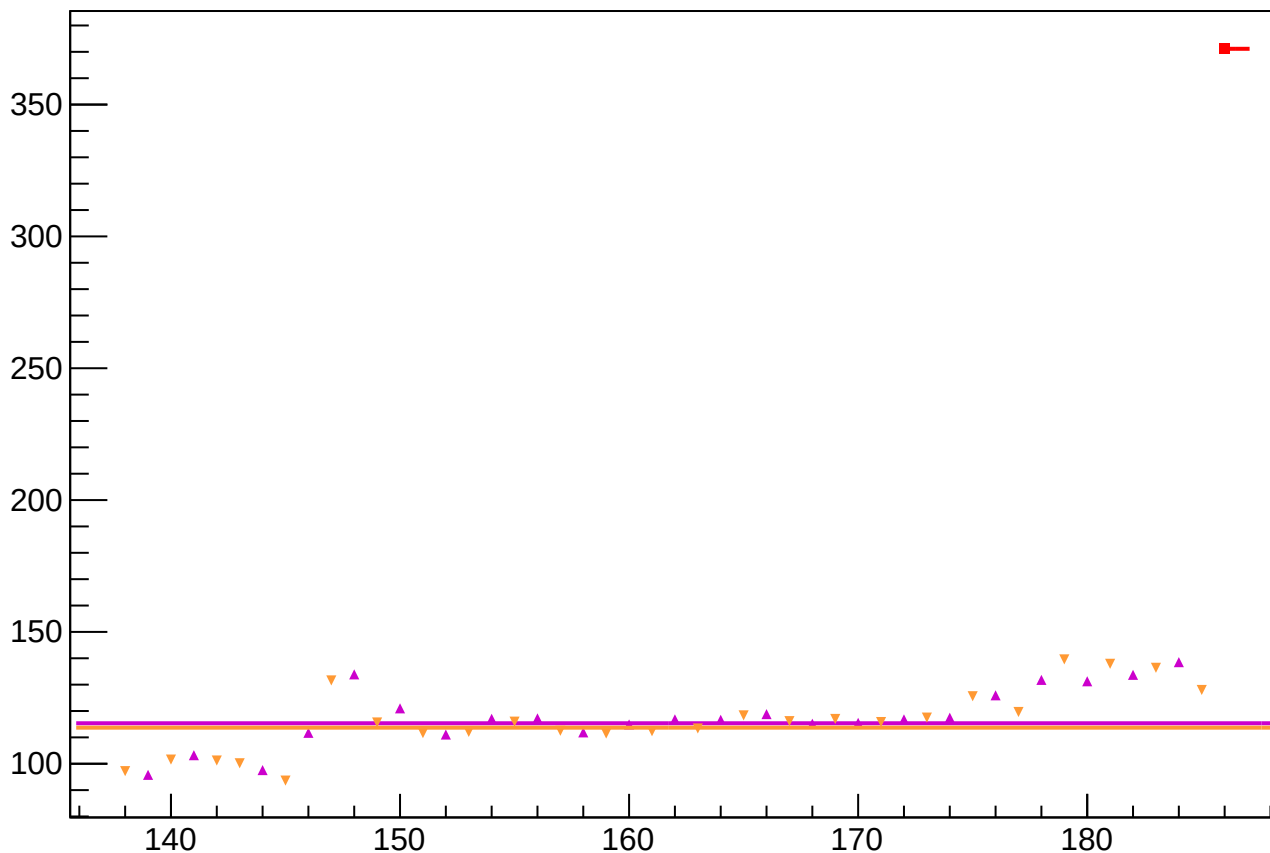
Left In: 157.835 ± 27.594 χ^2/NDF : 21.3/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.456 ± 19.165 χ^2/NDF : 122.0/48

- sign 157.221 ± 27.566 χ^2/NDF : 21.5/23

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 113.682+/-0.019 χ^2/NDF : 375687.9/24

Right Out: 371.152+/-0.429 χ^2/NDF : 0.0/0

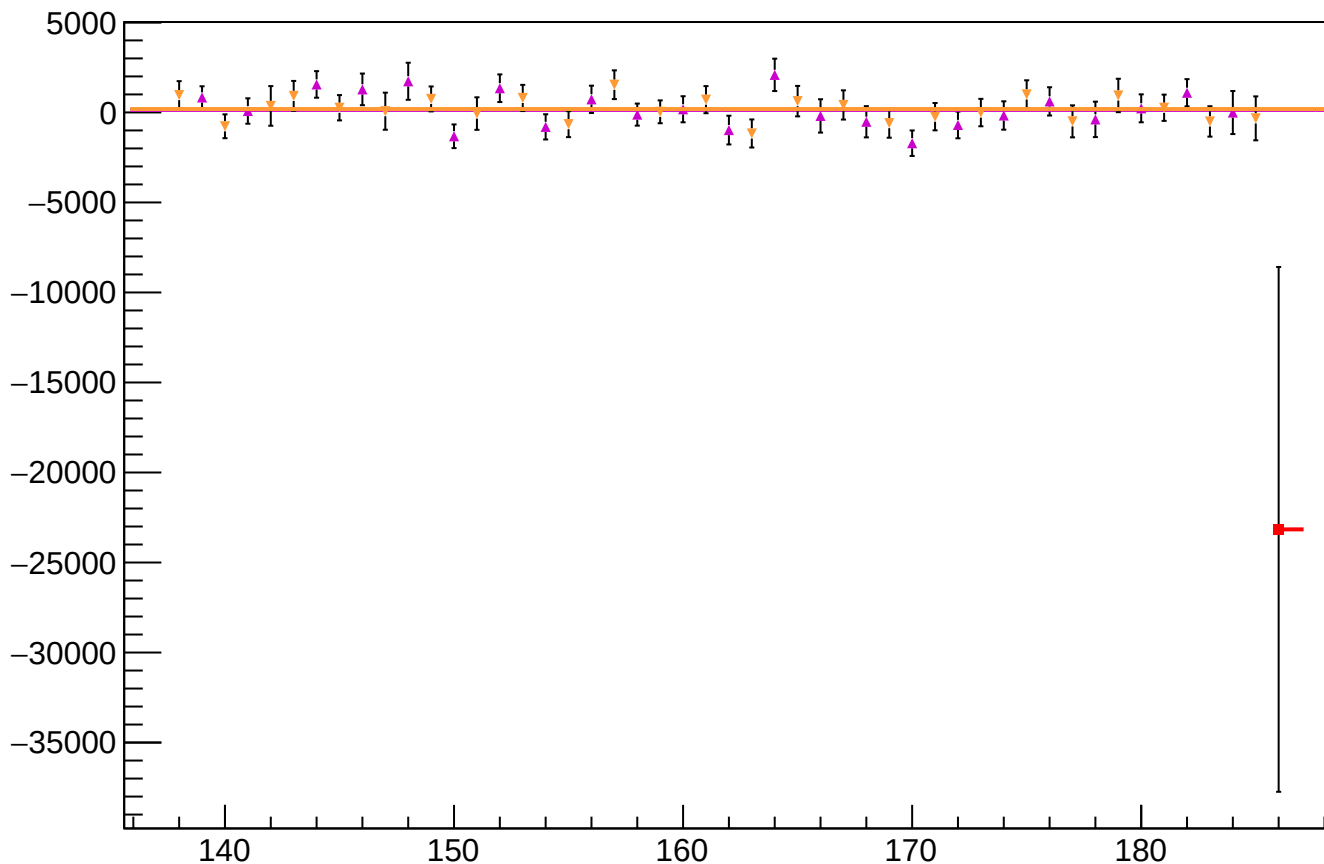
Left In: 115.353+/-0.020 χ^2/NDF : 294694.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.745+/-0.014 χ^2/NDF : 1031685.0/48

- sign 115.880+/-0.019 χ^2/NDF : 649423.6/23

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 188.393+/-158.788 χ^2/NDF : 18.0/24

Right Out: -23159.505+/-14575.804 χ^2/NDF : 0.0/0

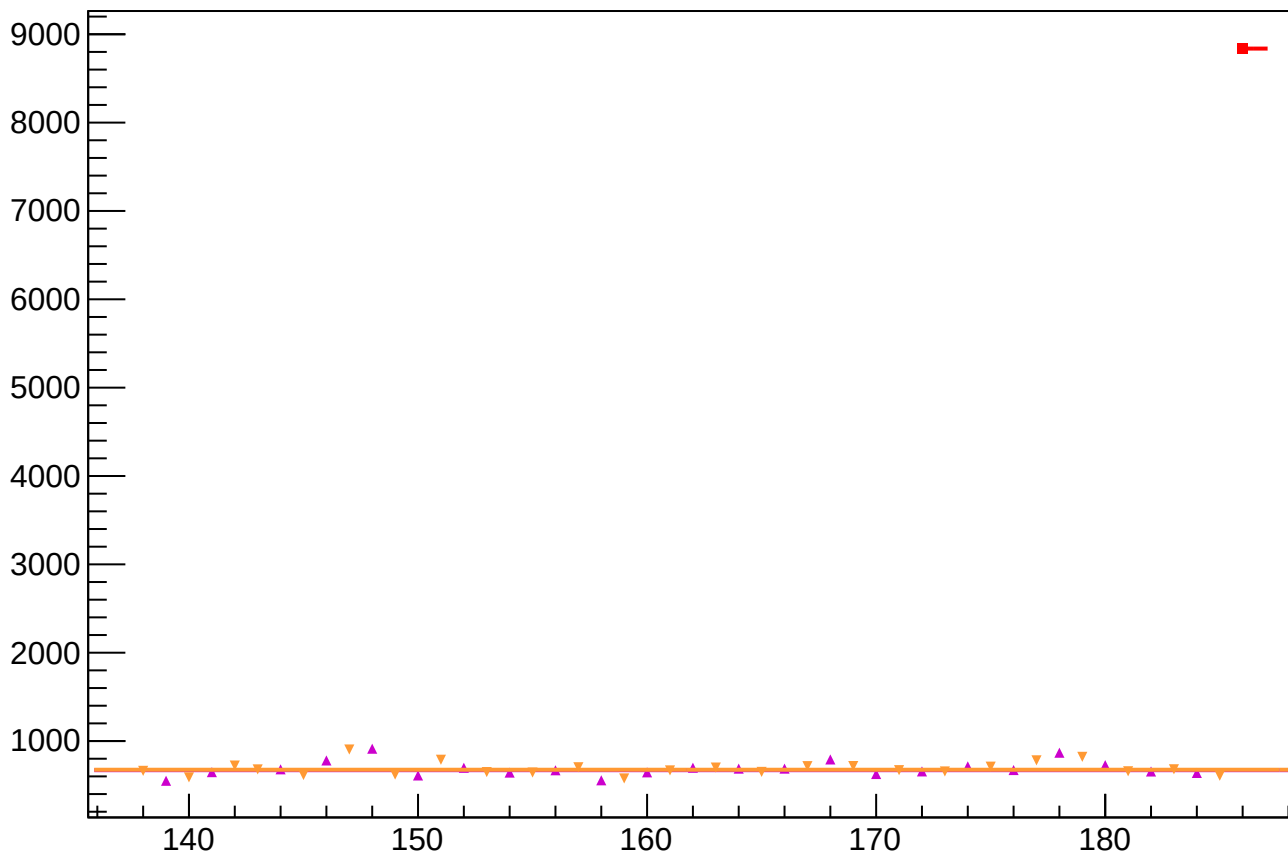
Left In: 139.664+/-161.085 χ^2/NDF : 36.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.975+/-113.080 χ^2/NDF : 57.5/48

- sign 136.819+/-161.076 χ^2/NDF : 39.4/23

asym_sam_15_dd_correction_rms vs Slug



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

Left Out: 675.310+/-0.112 χ^2/NDF : 357103.6/24

Right Out: 8837.843+/-10.307 χ^2/NDF : 0.0/0

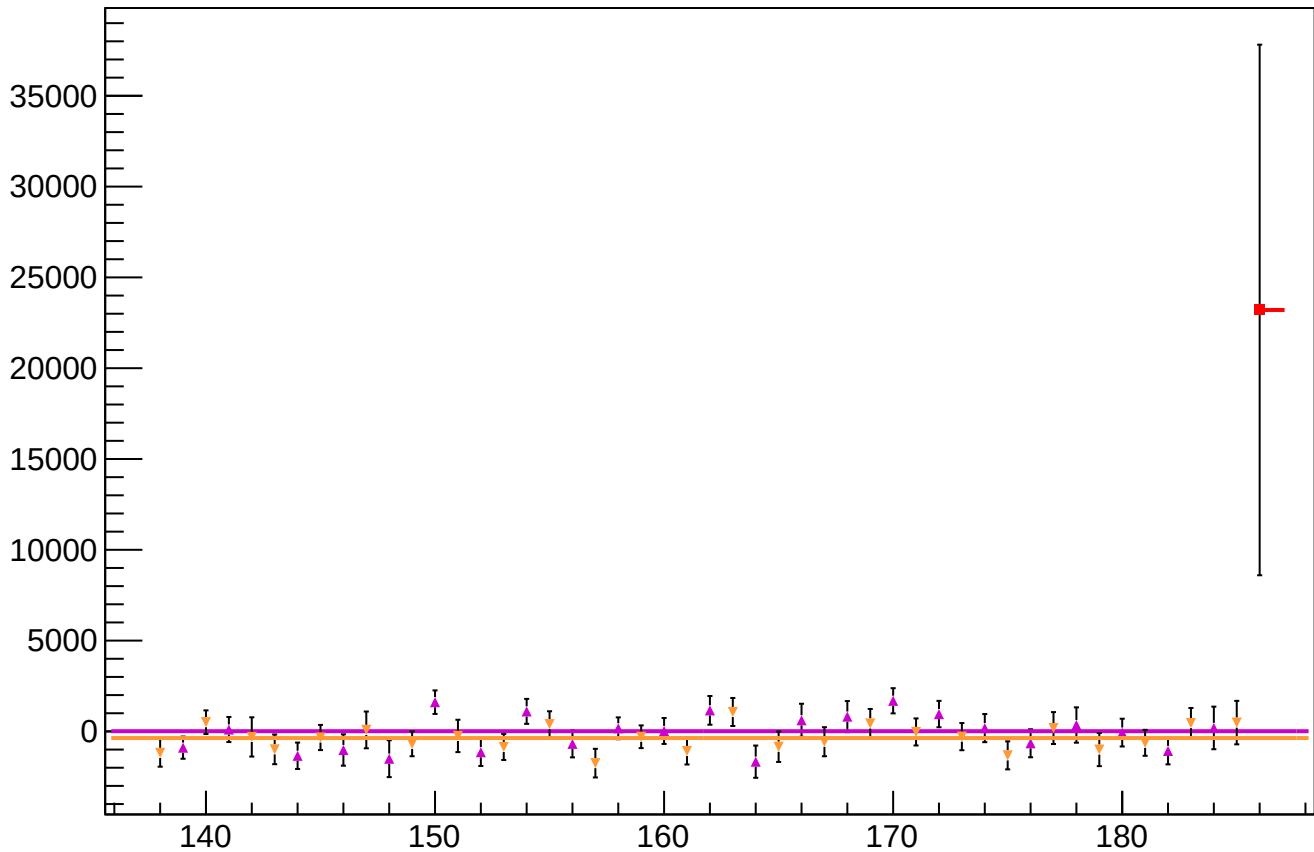
Left In: 670.186+/-0.114 χ^2/NDF : 465026.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

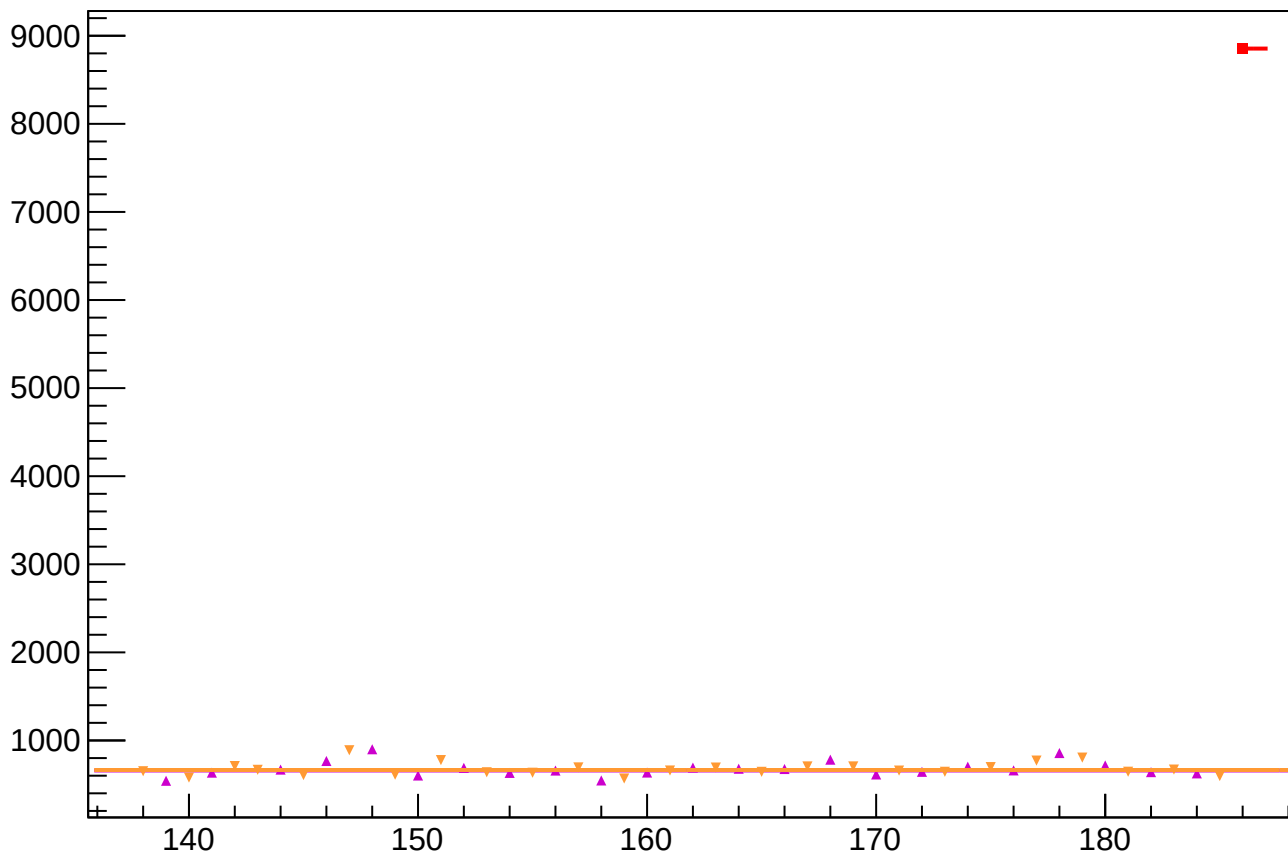
All: 673.276+/-0.080 χ^2/NDF : 1450719.4/48

- sign 671.184+/-0.114 χ^2/NDF : 1092950.3/23

asym_sam_15_dd_mean vs Slug



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

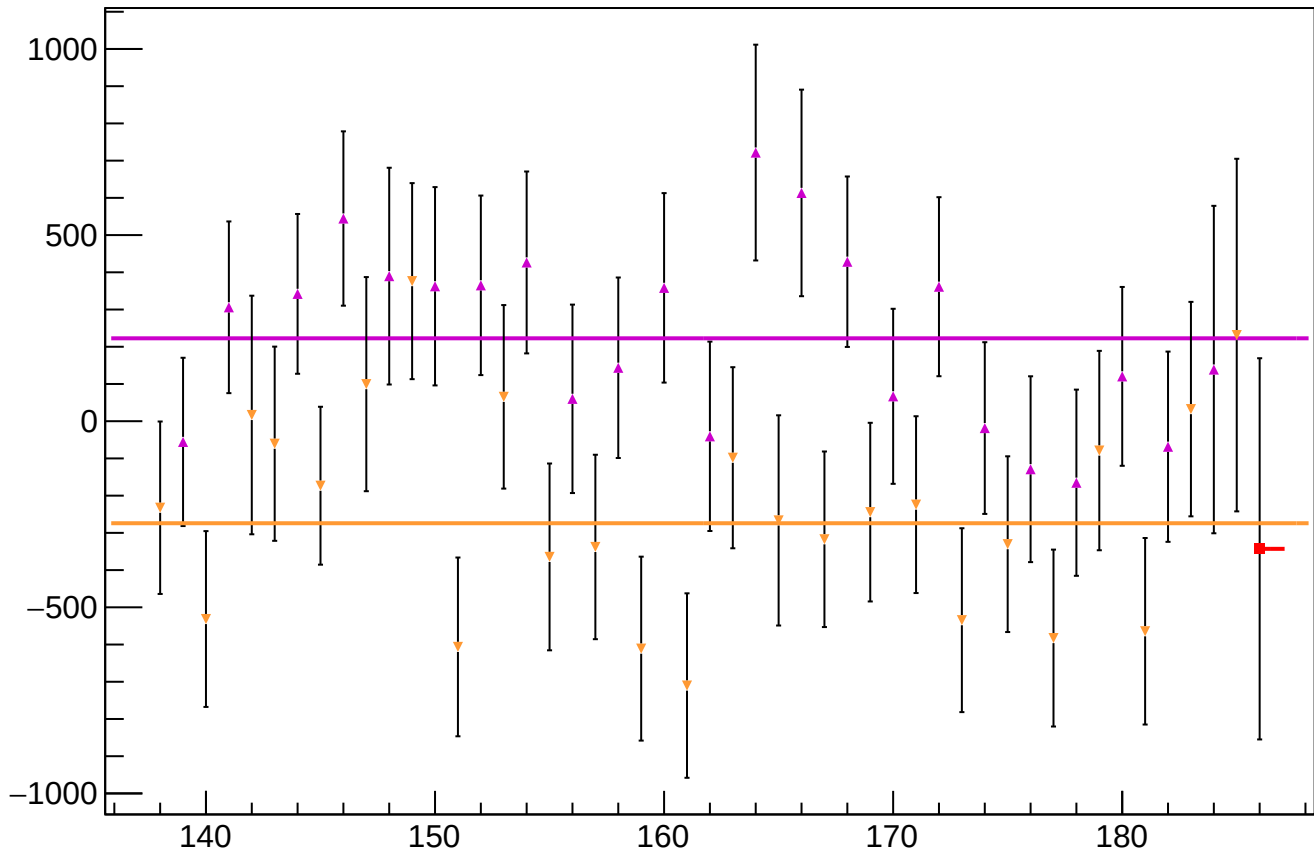
Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

+ 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 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -274.118 ± 50.683 χ^2/NDF : 27.3/24

Right Out: -342.907 ± 512.069 χ^2/NDF : 0.0/0

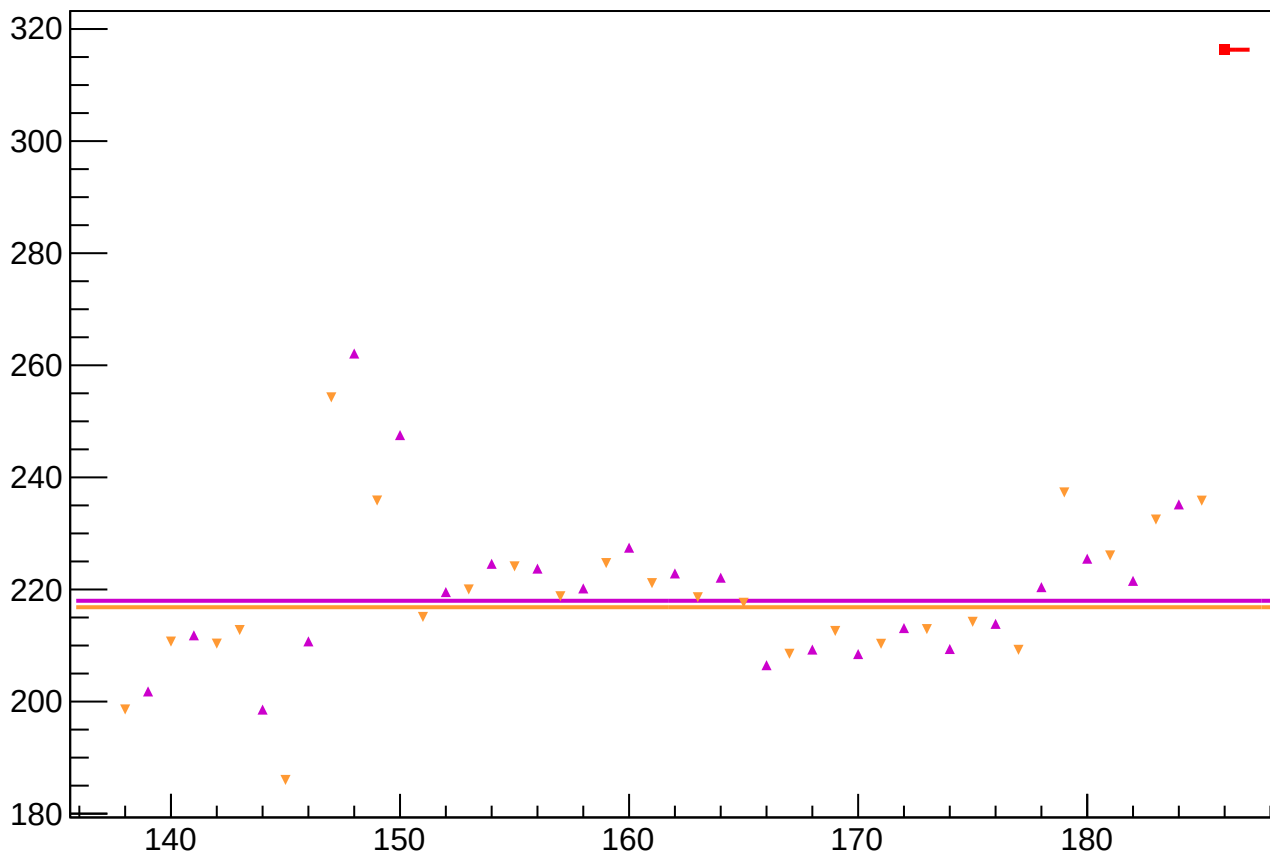
Left In: 222.676 ± 52.013 χ^2/NDF : 20.9/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.711 ± 36.209 χ^2/NDF : 95.4/48

- sign 216.900 ± 51.747 χ^2/NDF : 22.1/23

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 216.832+/-0.036 χ^2/NDF :137568.7/24

Right Out: 316.309+/-0.362 χ^2/NDF : 0.0/0

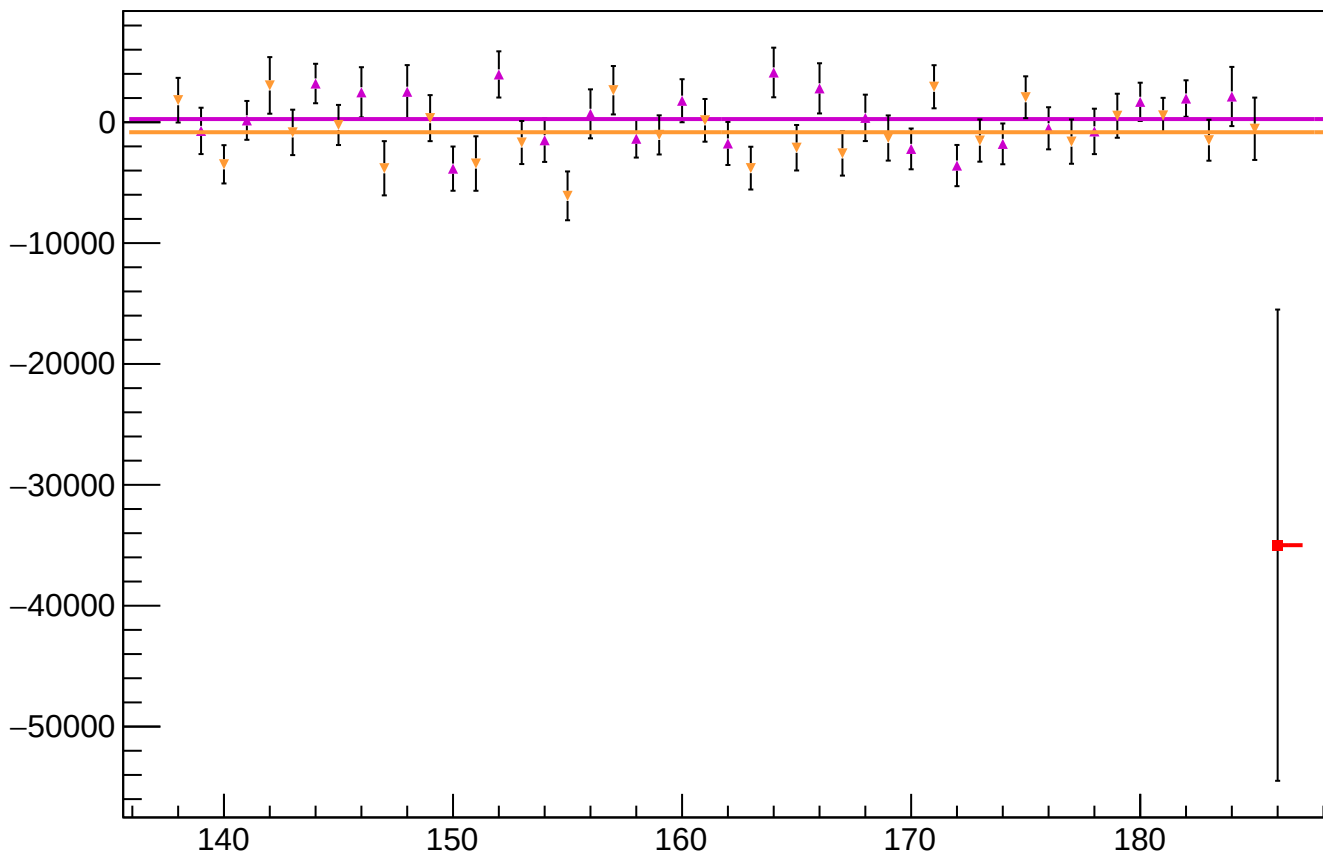
Left In: 217.985+/-0.037 χ^2/NDF :126459.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.888+/-0.026 χ^2/NDF : 338786.5/48

- sign 218.989+/-0.037 χ^2/NDF : 199444.6/23

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -827.624 ± 366.769 χ^2/NDF : 35.0/24

Right Out: -34991.724 ± 19493.172 χ^2/NDF : 0.0/0

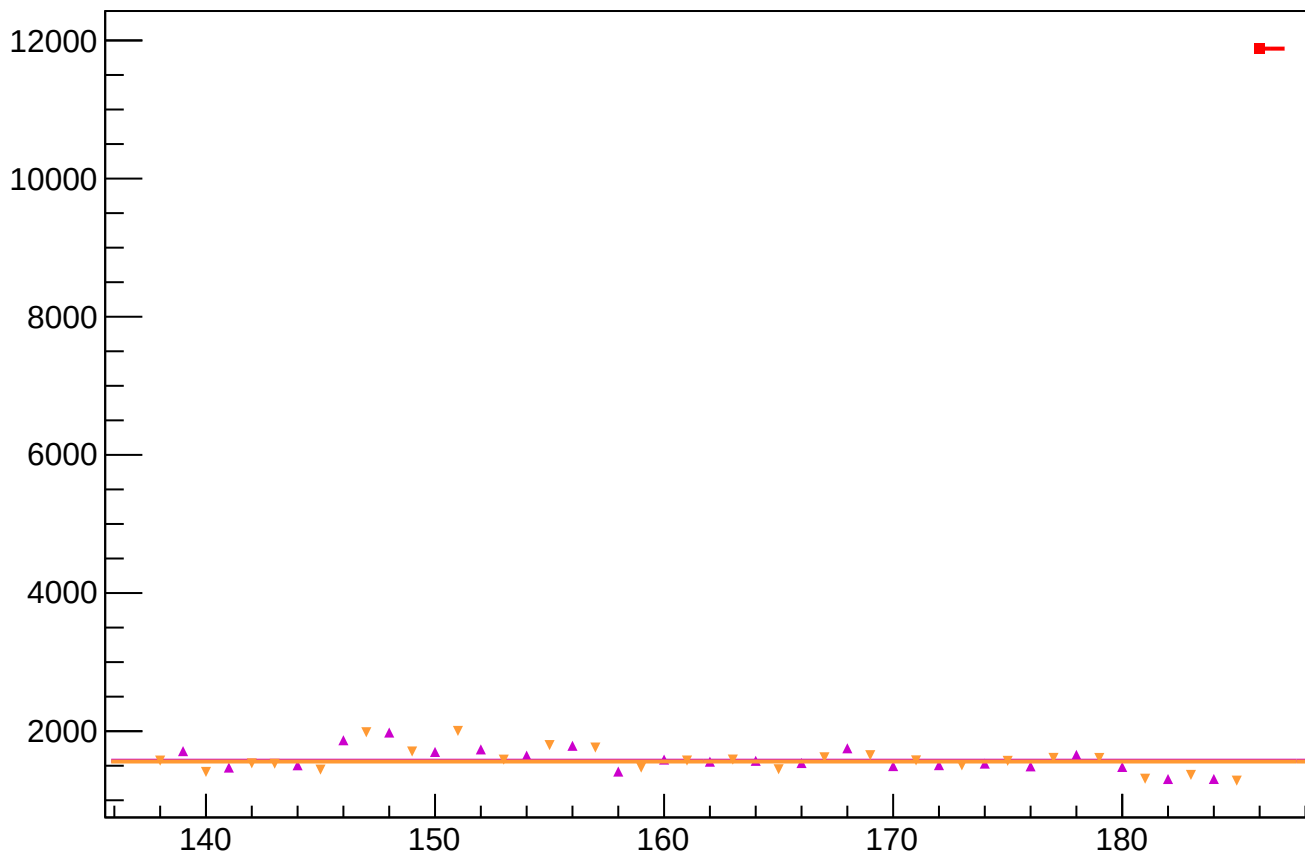
Left In: 261.143 ± 376.738 χ^2/NDF : 35.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -304.140 ± 262.775 χ^2/NDF : 77.9/48

- sign 247.980 ± 376.667 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: 1561.091+/-0.259 χ^2/NDF : 371797.9/24

Right Out: 11881.453+/-13.784 χ^2/NDF : 0.0/0

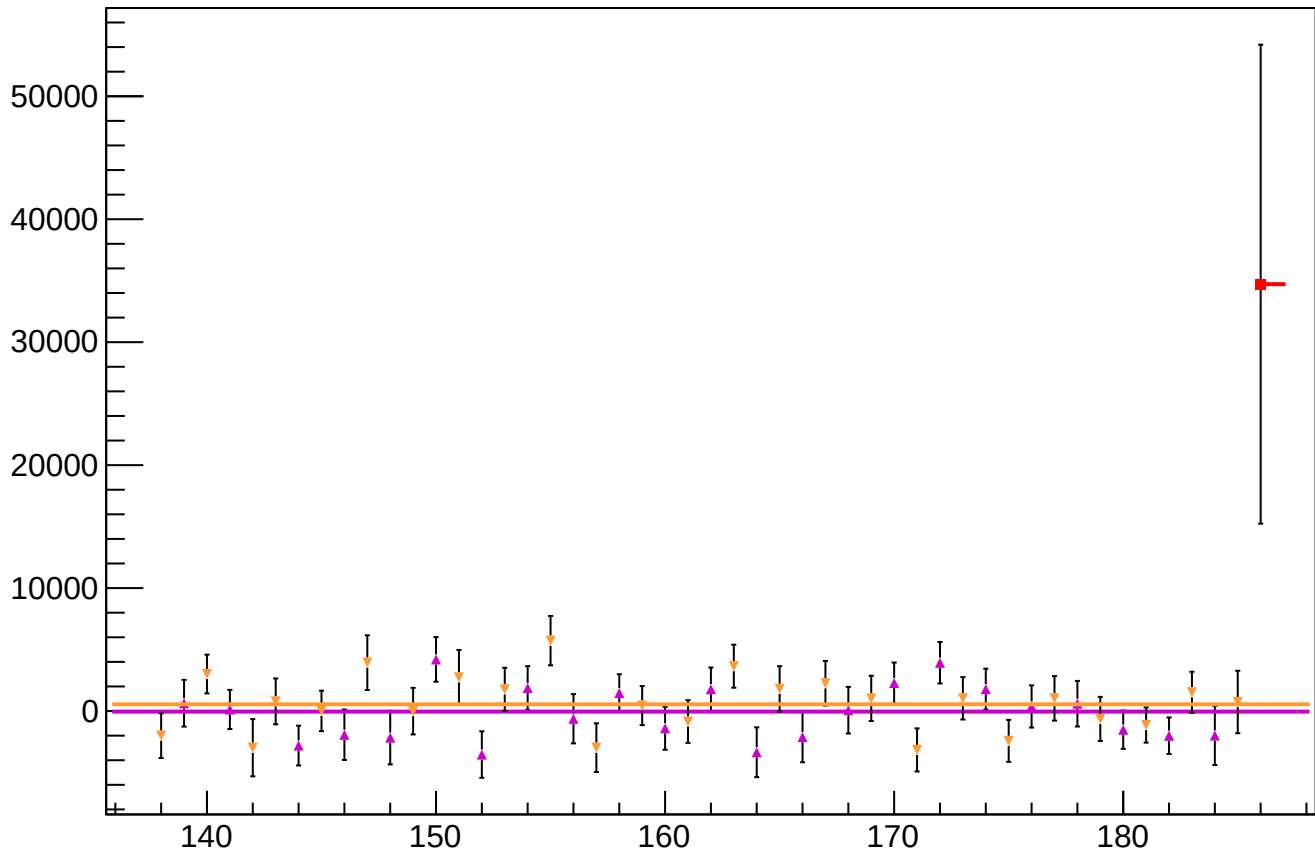
Left In: 1572.605+/-0.266 χ^2/NDF : 327717.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.568+/-0.186 χ^2/NDF : 1260366.0/48

- sign 1576.454+/-0.266 χ^2/NDF : 886860.4/23

asym_sam_26_dd_mean vs Slug



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

Left Out: 550.093+/-362.172 χ^2/NDF : 35.6/24

Right Out: 34718.786+/-19477.883 χ^2/NDF : 0.0/0

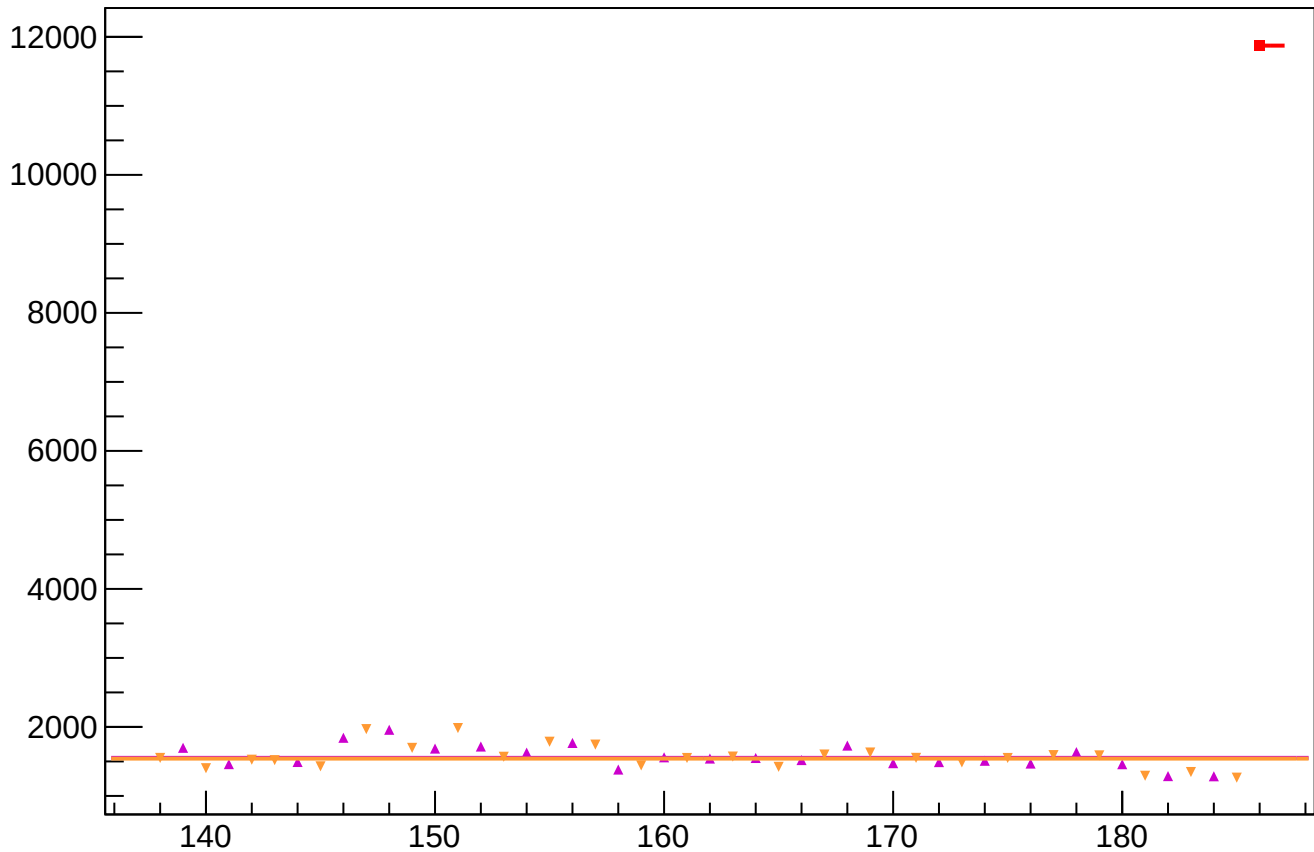
Left In: -43.949+/-371.765 χ^2/NDF : 33.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.947+/-259.397 χ^2/NDF : 73.5/48

- sign -31.290+/-371.698 χ^2/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

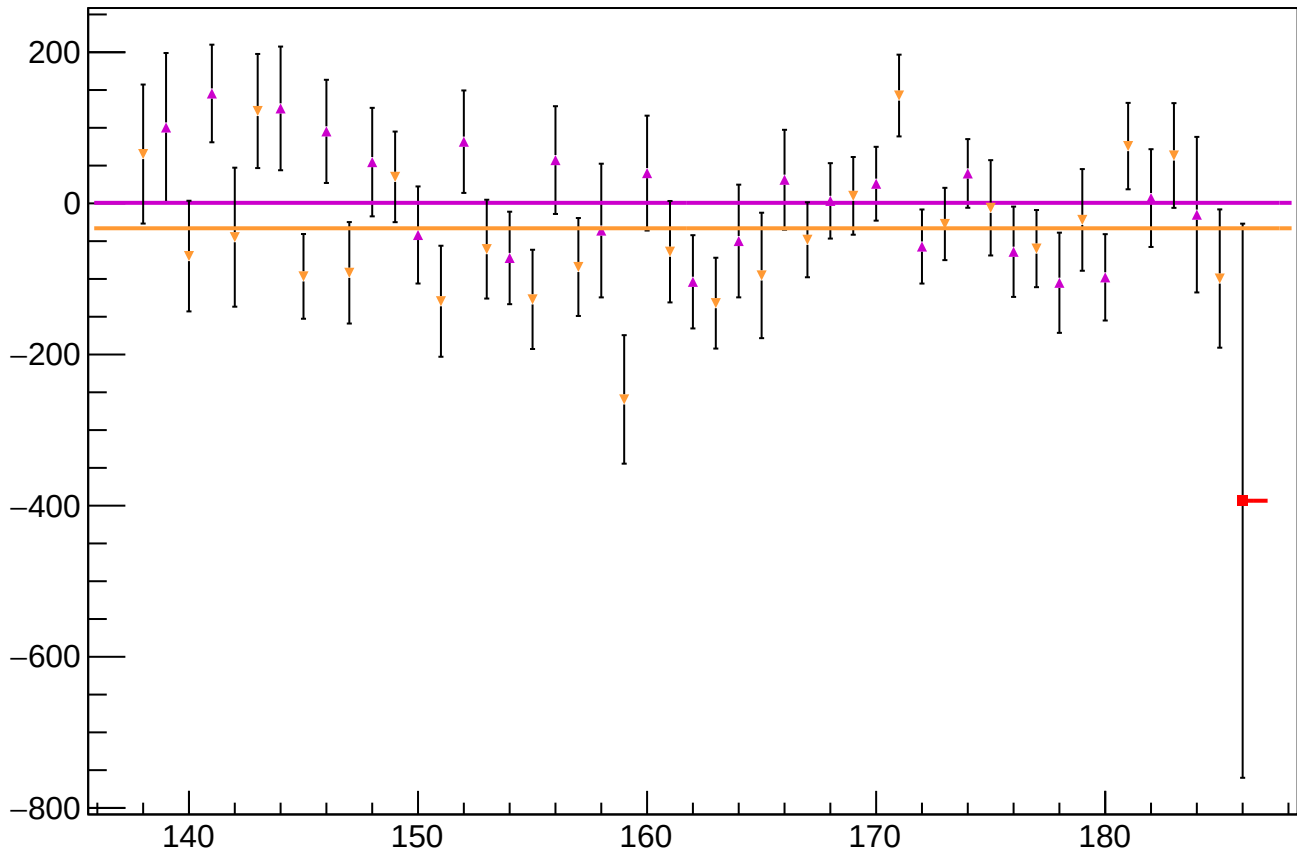
Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -32.952 $\pm$ 12.760 χ^2 /NDF: 42.1/24

Right Out: -393.481 $\pm$ 366.637 χ^2 /NDF: 0.0/0

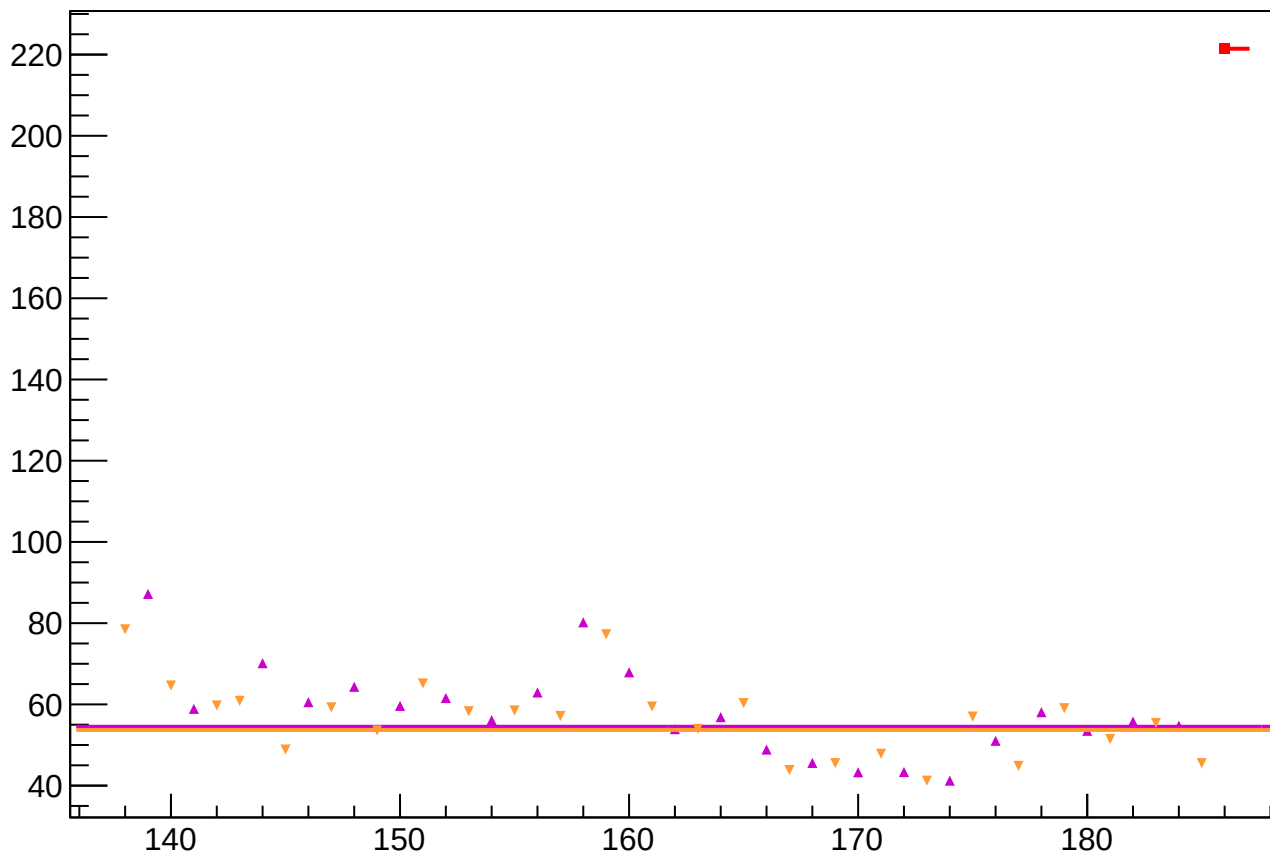
Left In: 0.712 $\pm$ 13.285 χ^2 /NDF: 27.9/22

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

All: -17.035 $\pm$ 9.200 χ^2 /NDF: 74.3/48

- sign 0.195 $\pm$ 13.277 χ^2 /NDF: 29.0/23

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 53.718 $\pm$ 0.009 χ^2 /NDF:888971.7/24

Right Out: 221.441 $\pm$ 0.259 χ^2 /NDF: 0.0/0

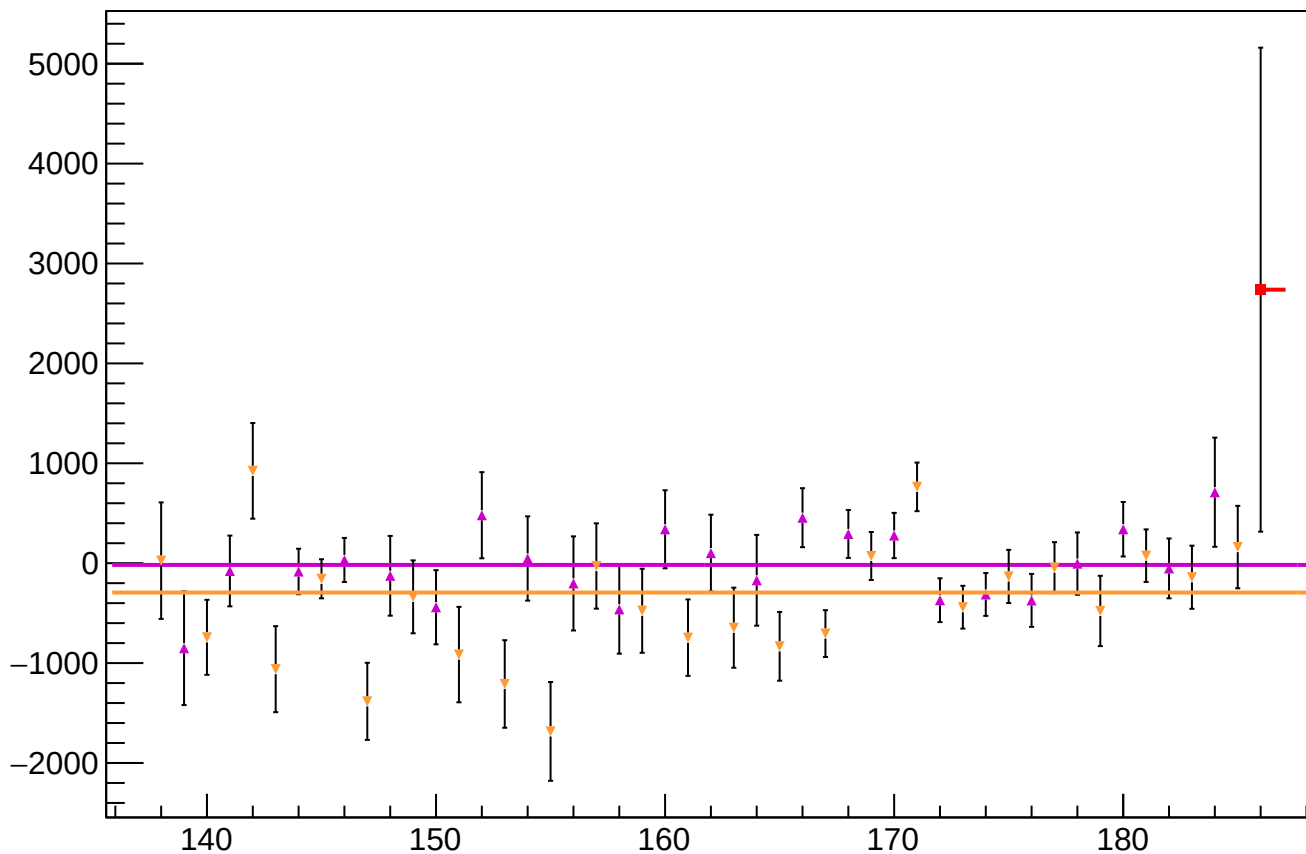
Left In: 54.493 $\pm$ 0.009 χ^2 /NDF:1125242.8/22

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

All: 54.195 $\pm$ 0.007 χ^2 /NDF: 2434184.2/48

- sign 54.712 $\pm$ 0.009 χ^2 /NDF: 1539386.2/23

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -293.763+/-63.413 χ^2/NDF : 68.8/24

Right Out: 2737.959+/-2422.515 χ^2/NDF : 0.0/0

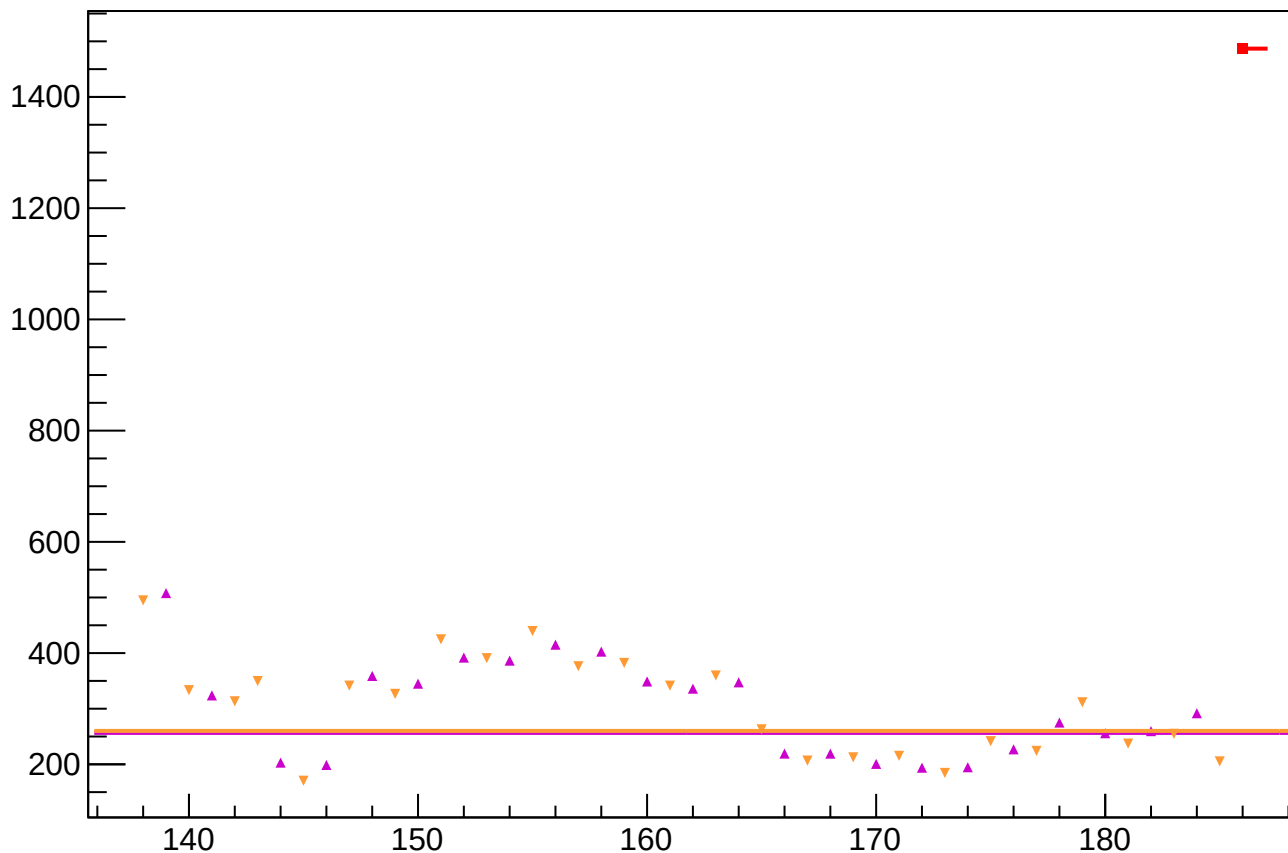
Left In: -17.348+/-63.696 χ^2/NDF : 22.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.175+/-44.932 χ^2/NDF : 102.6/48

- sign -15.445+/-63.674 χ^2/NDF : 24.2/23

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 260.060 $\pm$ 0.045 χ^2/NDF : 2940002.9/24

Right Out: 1486.900 $\pm$ 1.713 χ^2/NDF : 0.0/0

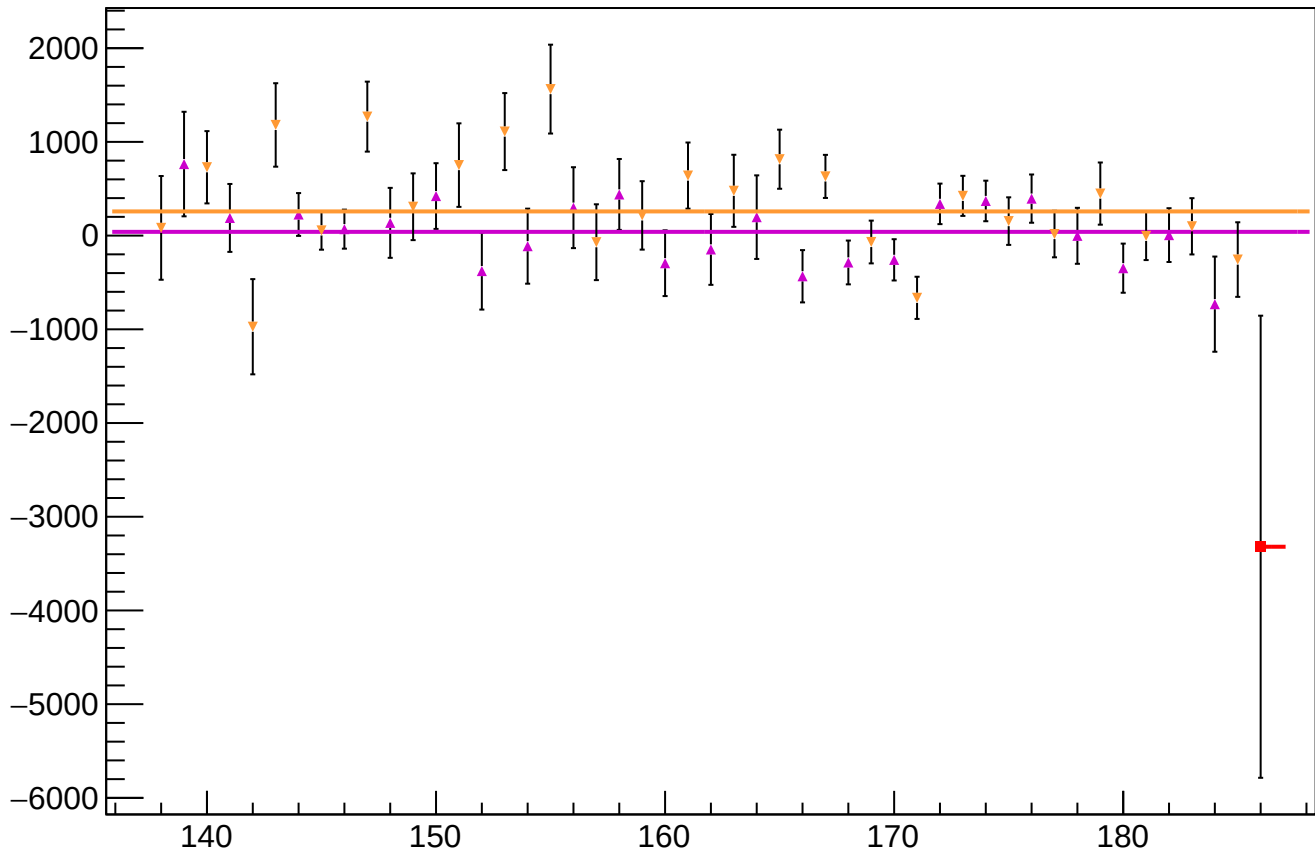
Left In: 256.513 $\pm$ 0.045 χ^2/NDF : 2632966.2/22

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

All: 258.717 $\pm$ 0.032 χ^2/NDF : 6090330.8/48

- sign 257.363 $\pm$ 0.045 χ^2/NDF : 3148527.1/23

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

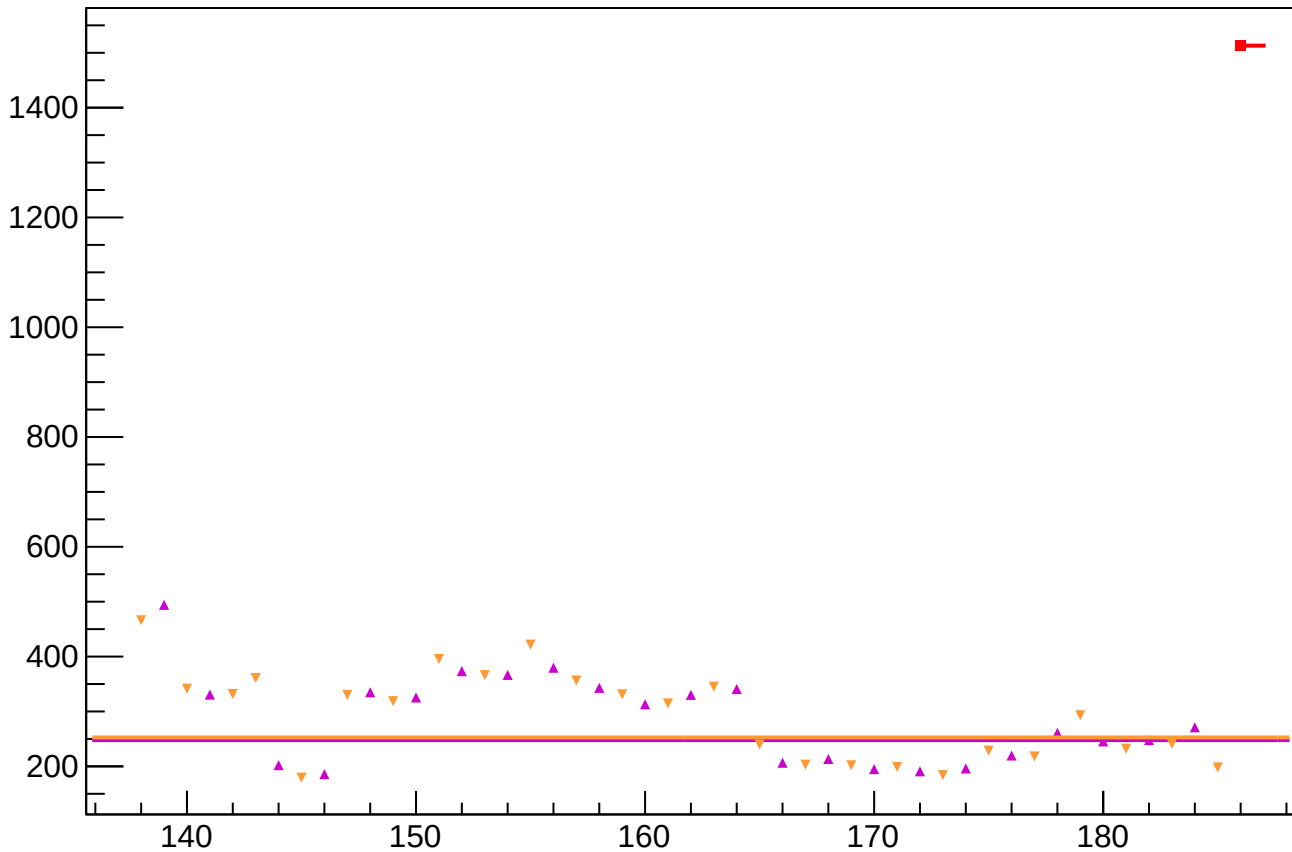
Left In: 40.015 $\pm$ 61.495 χ^2 /NDF: 25.0/22

+ 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

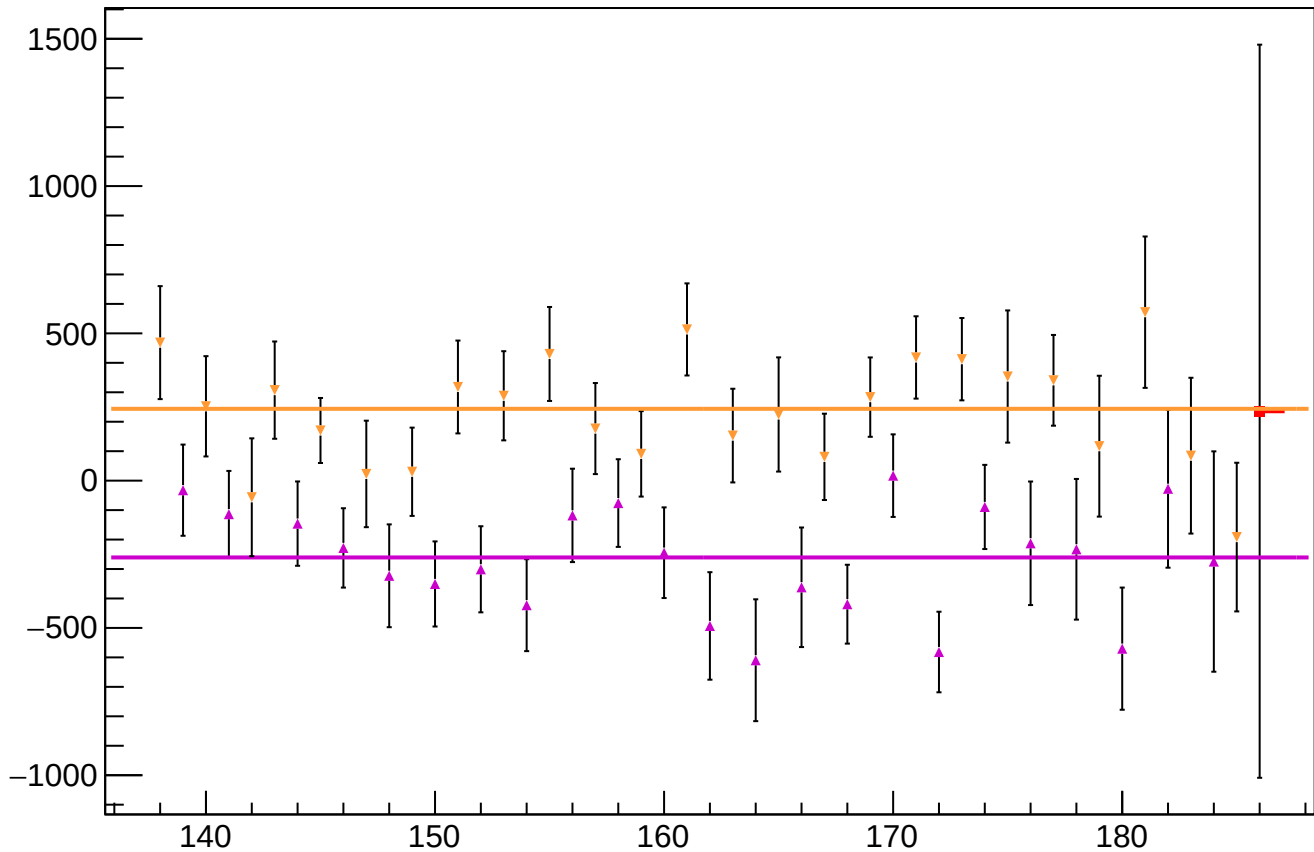
Left In: 247.919+/-0.043 χ^2/NDF : 2374698.8/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 243.890 $\pm$ 32.810 χ^2 /NDF:24.2/24

Right Out: 235.639 $\pm$ 1244.404 χ^2 /NDF: 0.0/0

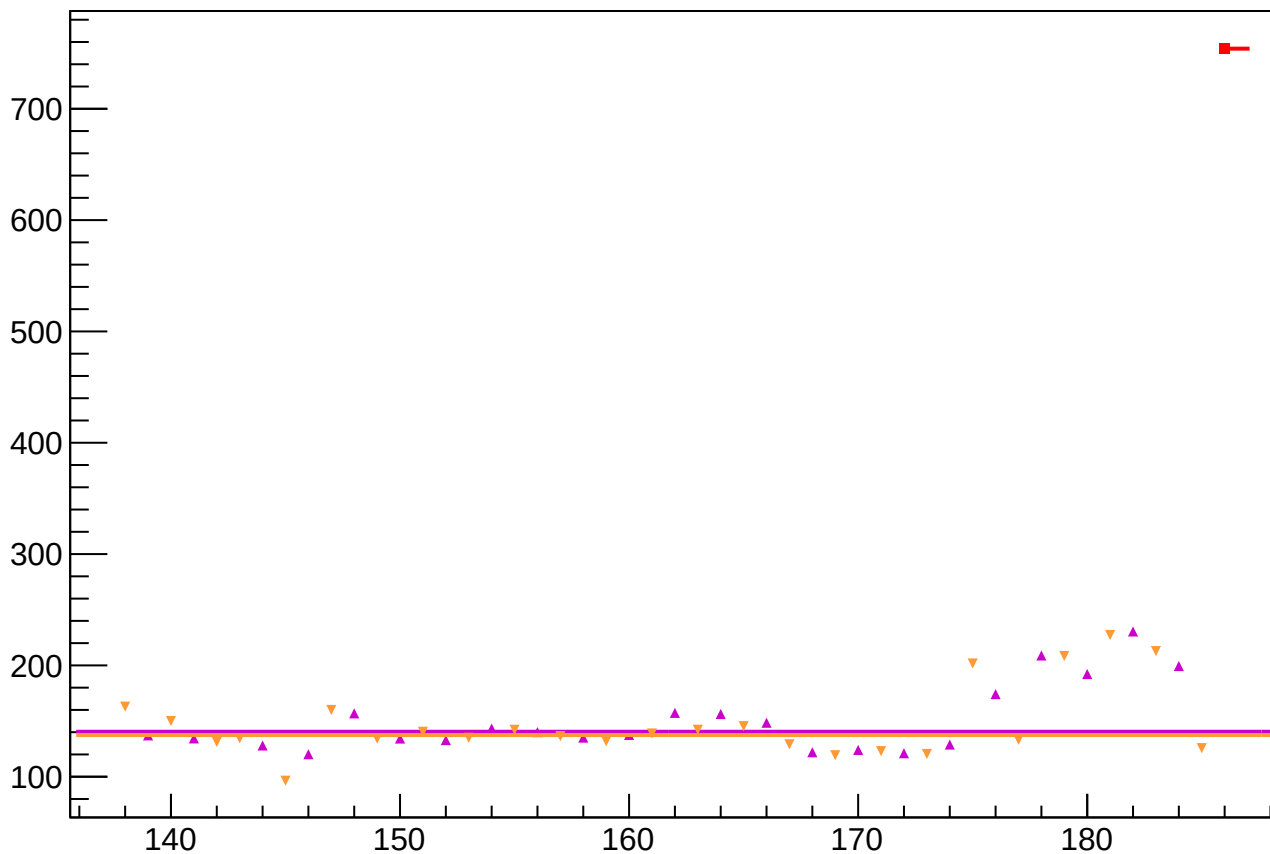
Left In: -260.732 $\pm$ 34.112 χ^2 /NDF:28.0/22

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

All: 1.476 $\pm$ 23.643 χ^2 /NDF: 165.9/48

- sign -260.359 $\pm$ 34.099 χ^2 /NDF: 28.1/23

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 137.429+/-0.023 χ^2/NDF :1215880.3/24

Right Out: 754.021+/-0.880 χ^2/NDF : 0.0/0

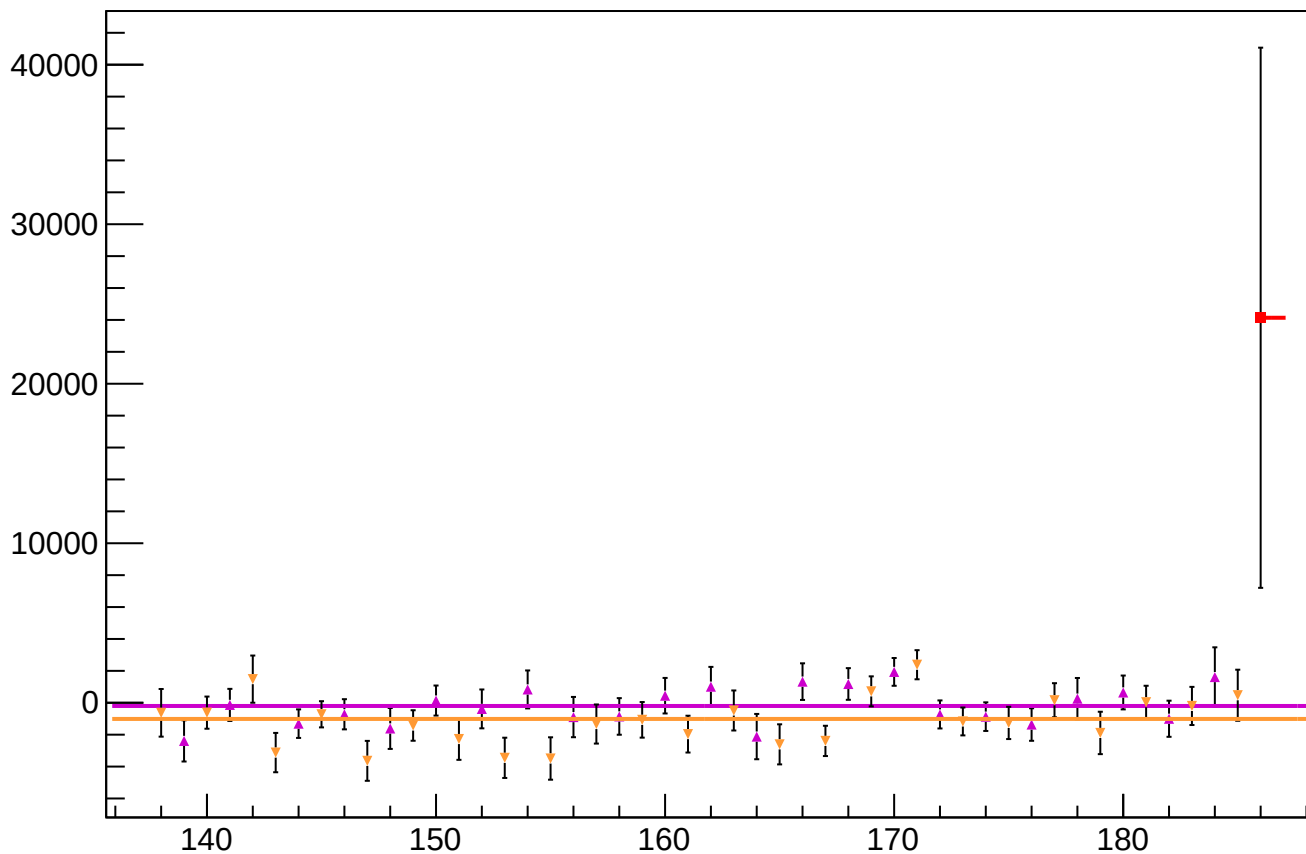
Left In: 140.398+/-0.024 χ^2/NDF :862043.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.078+/-0.017 χ^2/NDF : 2574369.0/48

- sign 140.858+/-0.024 χ^2/NDF : 1347985.4/23

asym_sam_48_dd_correction_mean vs Slug



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

Left Out: -1013.520 $\pm$ 222.295 χ^2 /NDF:44.8/24

Right Out: 24136.025 $\pm$ 16931.659 χ^2 /NDF: 0.0/0

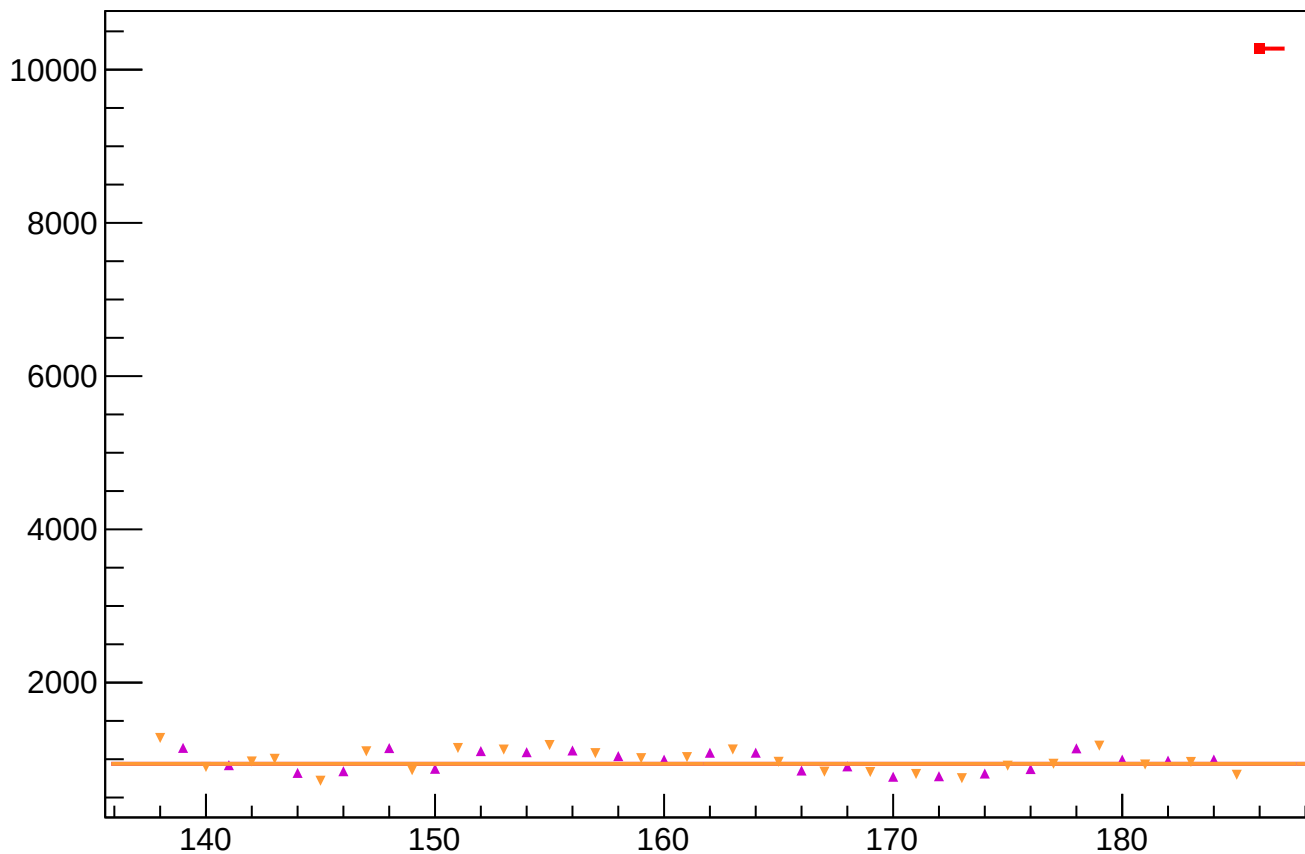
Left In: -200.935 $\pm$ 226.129 χ^2 /NDF:24.7/22

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

All: -612.005 $\pm$ 158.518 χ^2 /NDF: 78.3/48

- sign -196.595 $\pm$ 226.109 χ^2 /NDF: 26.8/23

asym_sam_48_dd_correction_rms vs Slug



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

Left Out: 940.110+/-0.157 χ^2/NDF : 824426.6/24

Right Out: 10274.998+/-11.972 χ^2/NDF : 0.0/0

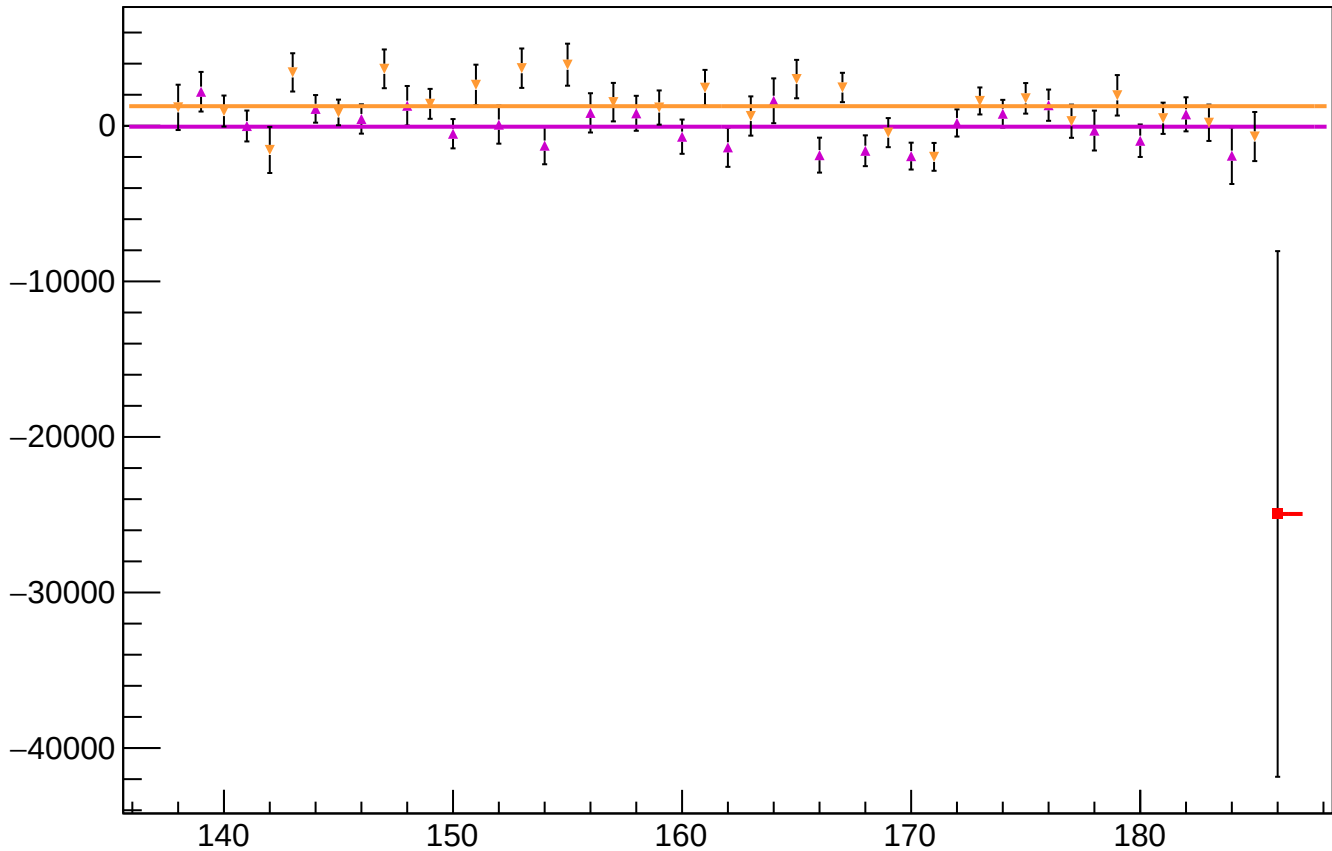
Left In: 939.323+/-0.160 χ^2/NDF : 609694.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 940.541+/-0.112 χ^2/NDF : 2042053.9/48

- sign 940.988+/-0.160 χ^2/NDF : 1217612.0/23

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

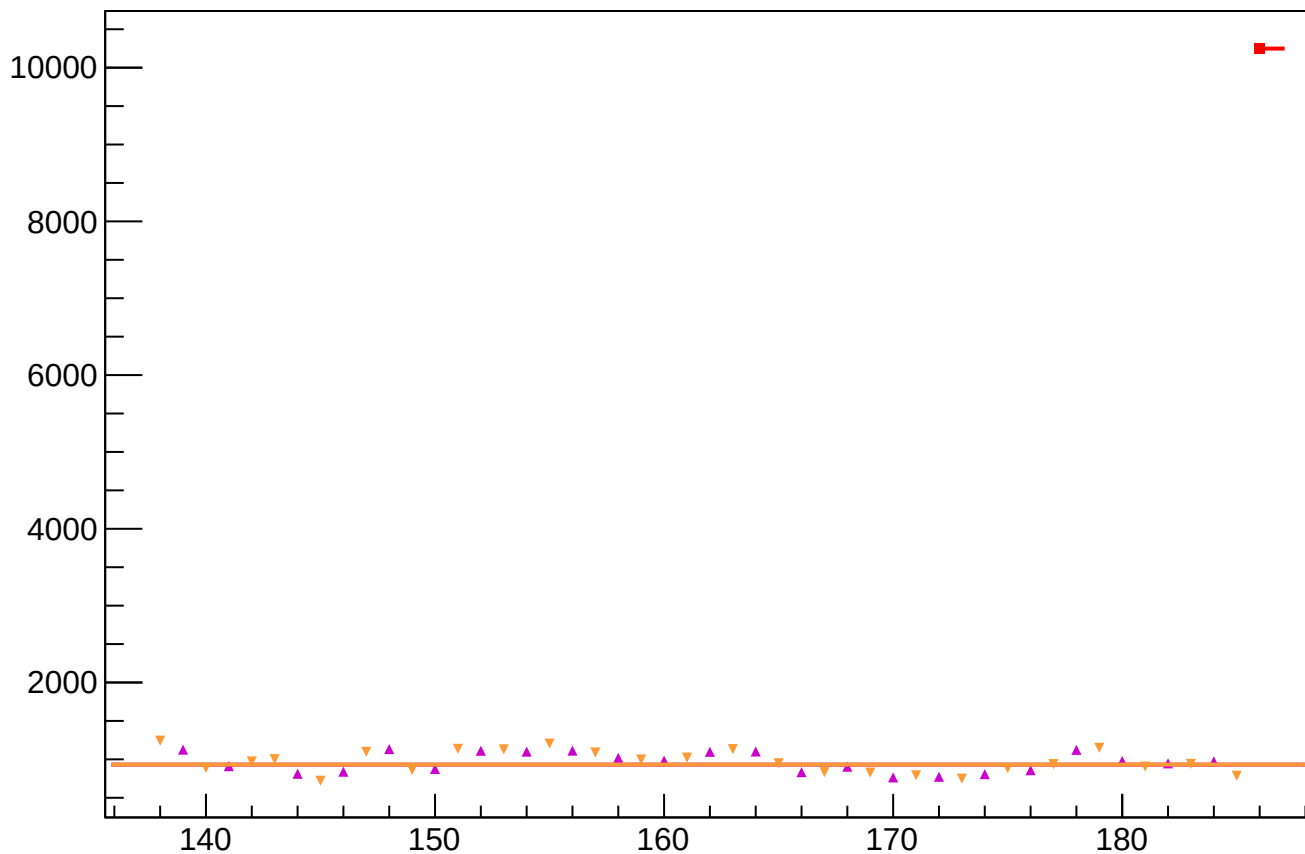
Left In: -53.940+/-224.371 χ^2/NDF :26.4/22

+ 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

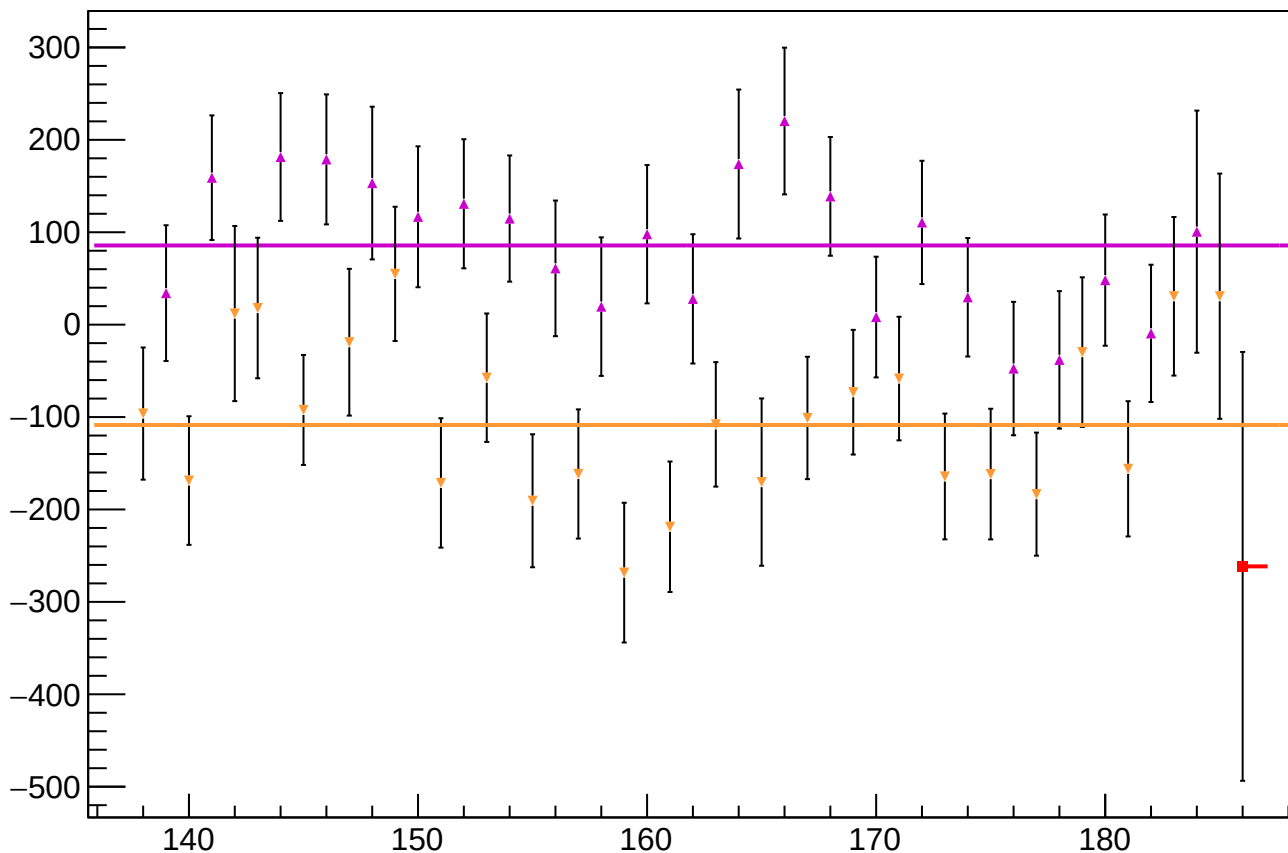
Left In: 930.854+/-0.159 χ^2/NDF : 621985.5/22

+ 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: -108.572 $\pm$ 14.605 χ^2 /NDF:30.6/24

Right Out: -261.586 $\pm$ 232.037 χ^2 /NDF: 0.0/0

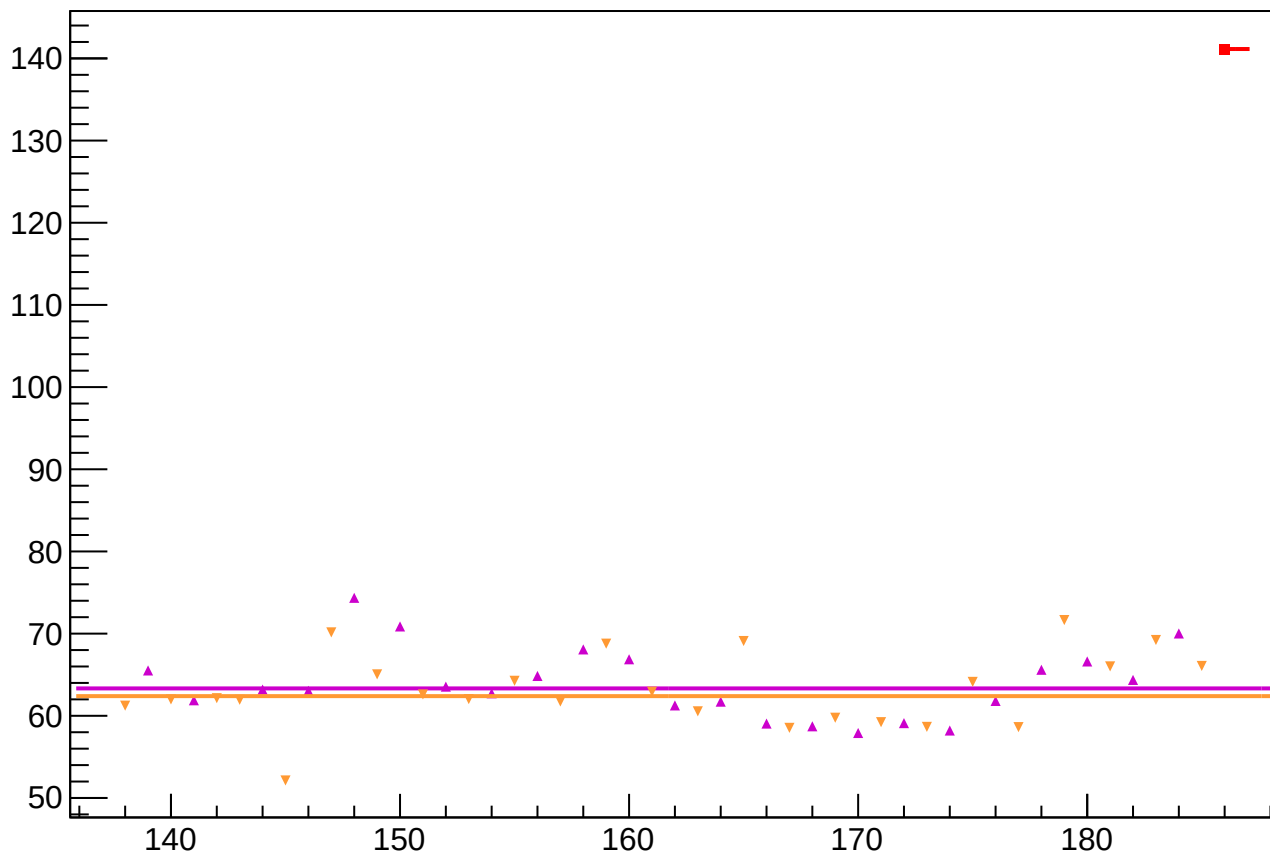
Left In: 85.703 $\pm$ 15.129 χ^2 /NDF:23.6/22

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

All: -15.368 $\pm$ 10.497 χ^2 /NDF: 140.7/48

- sign 84.232 $\pm$ 15.097 χ^2 /NDF: 25.8/23

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 62.393 $\pm$ 0.010 χ^2 /NDF:183597.0/24

Right Out: 141.141 $\pm$ 0.164 χ^2 /NDF: 0.0/0

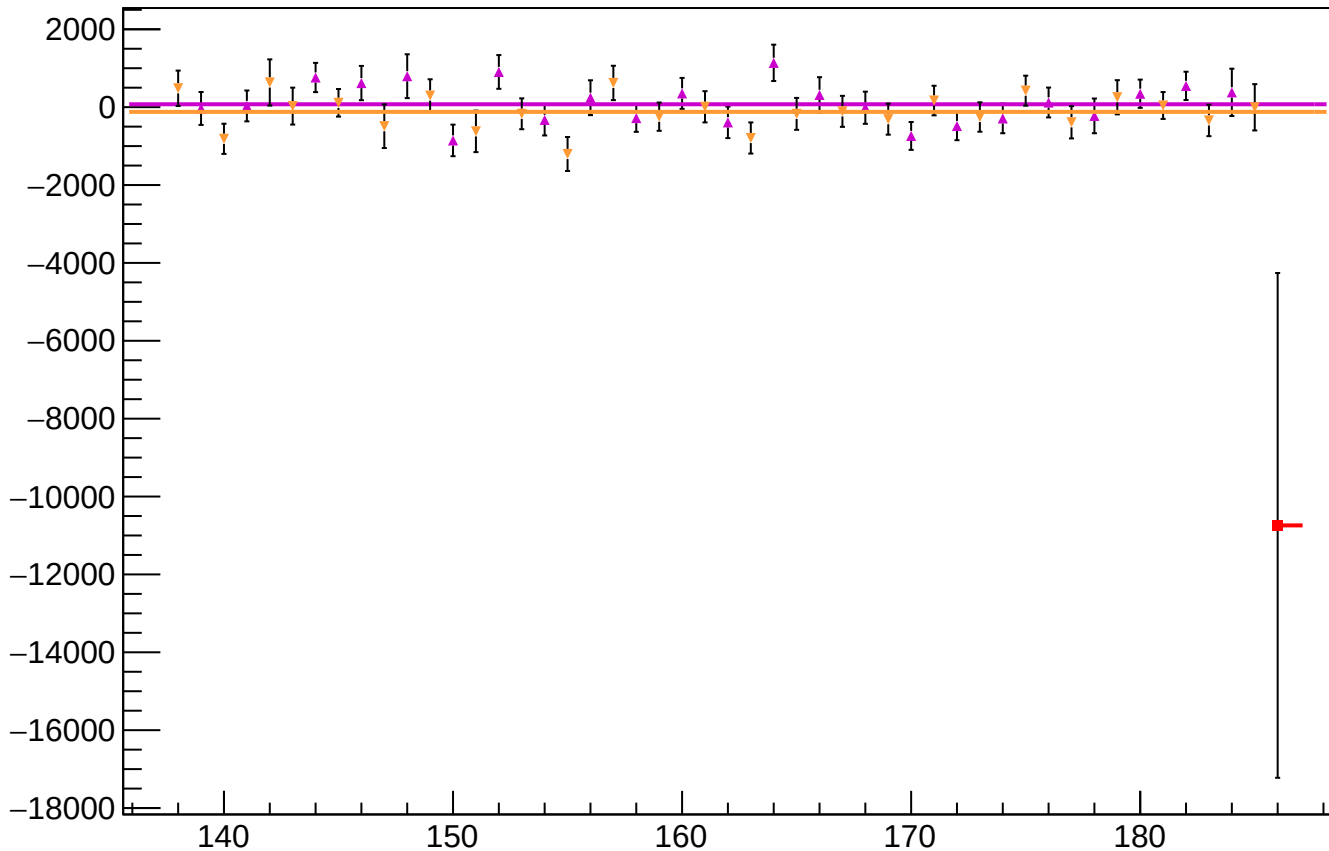
Left In: 63.333 $\pm$ 0.011 χ^2 /NDF:137299.8/22

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

All: 63.006 $\pm$ 0.007 χ^2 /NDF: 552136.5/48

- sign 63.662 $\pm$ 0.011 χ^2 /NDF: 361239.2/23

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -120.966 ± 83.470 χ^2/NDF : 26.1/24

Right Out: -10741.124 ± 6481.963 χ^2/NDF : 0.0/0

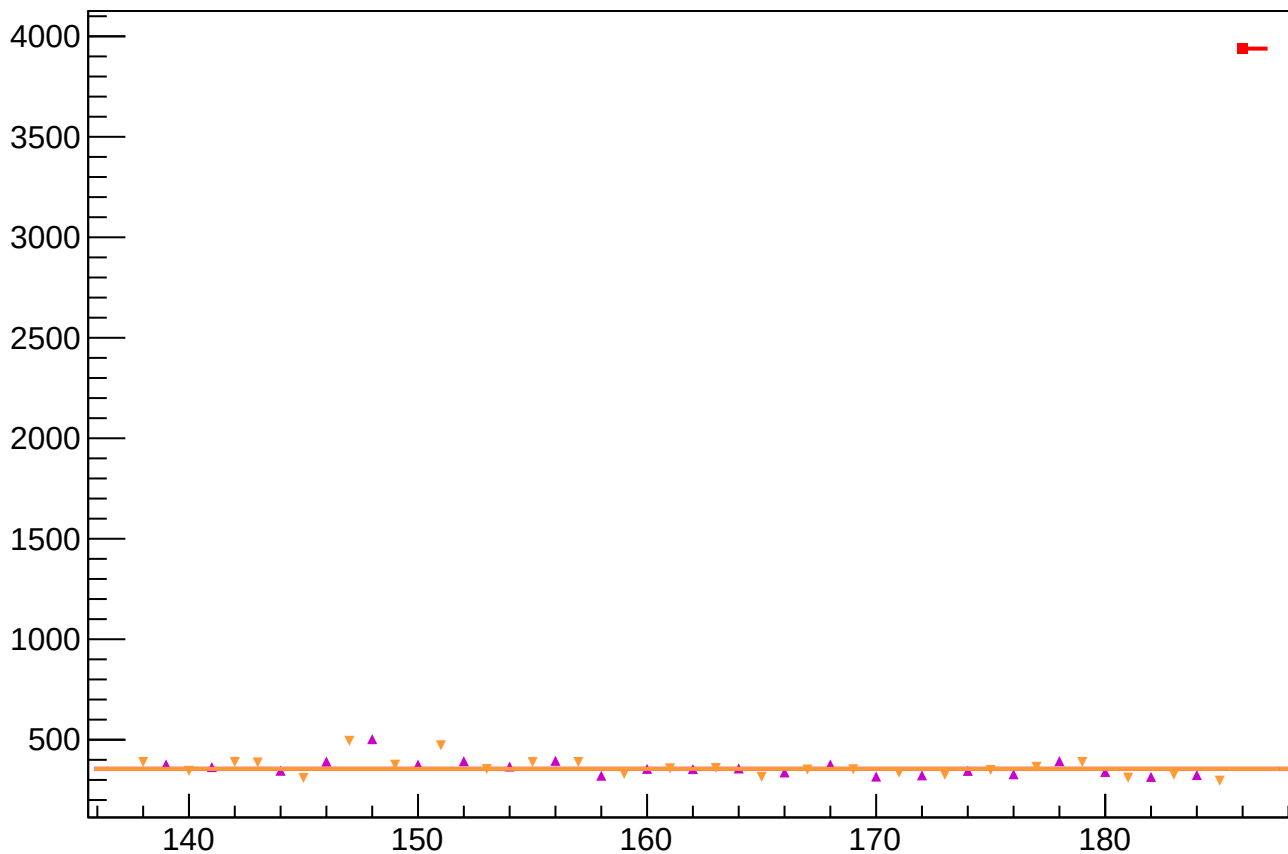
Left In: 74.271 ± 85.207 χ^2/NDF : 36.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.264 ± 59.624 χ^2/NDF : 67.9/48

- sign 72.403 ± 85.200 χ^2/NDF : 39.2/23

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 355.117+/-0.059 χ^2/NDF : 430114.3/24

Right Out: 3939.002+/-4.583 χ^2/NDF : 0.0/0

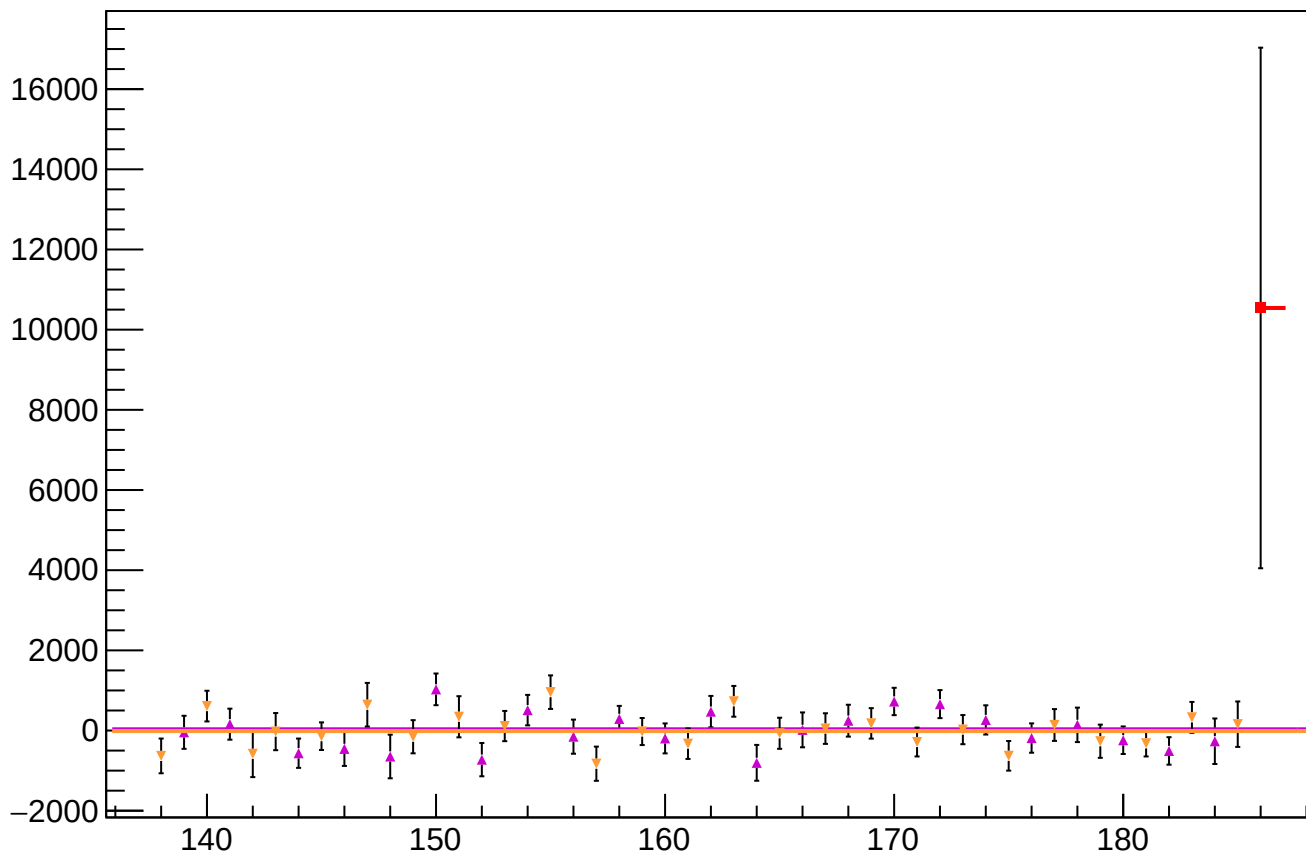
Left In: 355.506+/-0.060 χ^2/NDF : 323168.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.611+/-0.042 χ^2/NDF : 1364587.1/48

- sign 356.125+/-0.060 χ^2/NDF : 934329.9/23

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

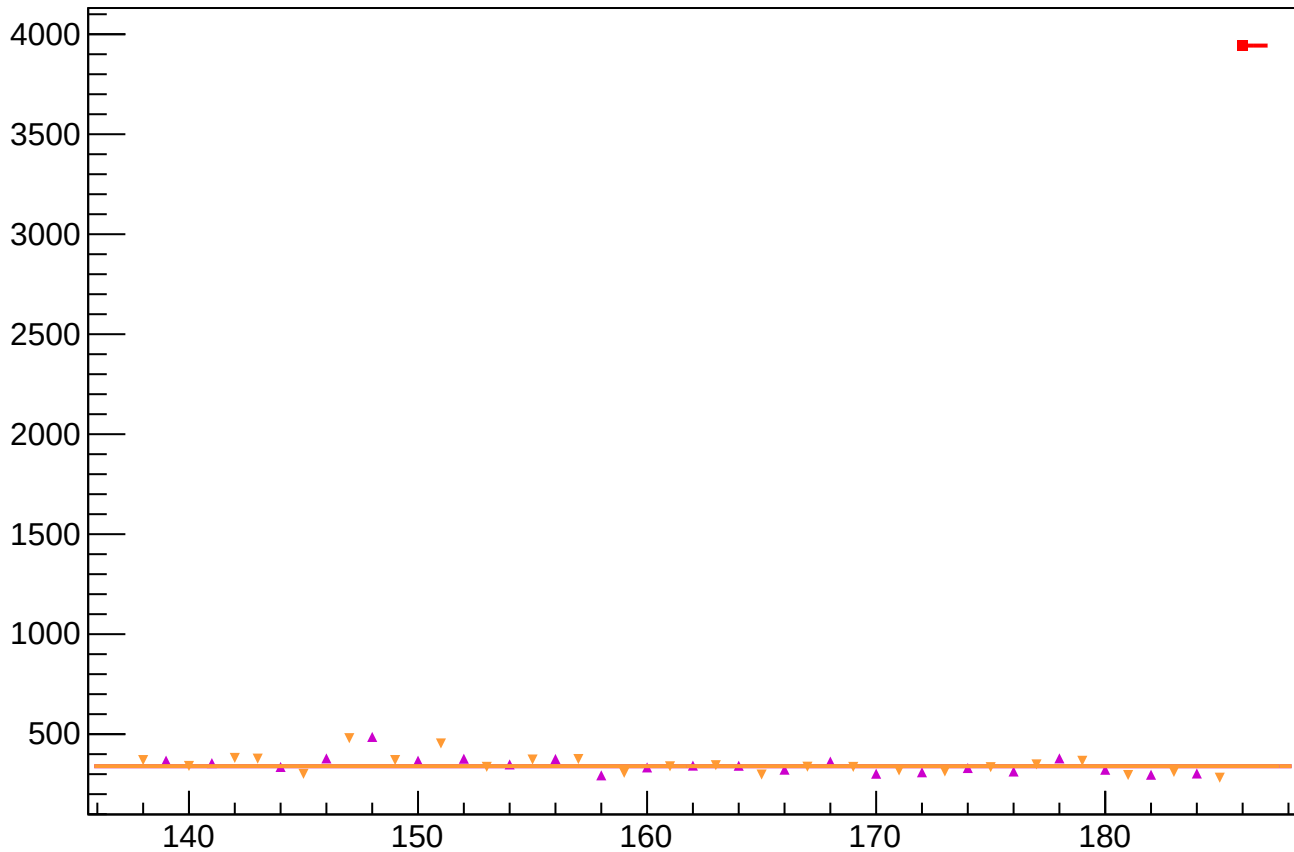
Left In: 31.531+/-81.476 χ^2/NDF : 34.8/22

+ 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

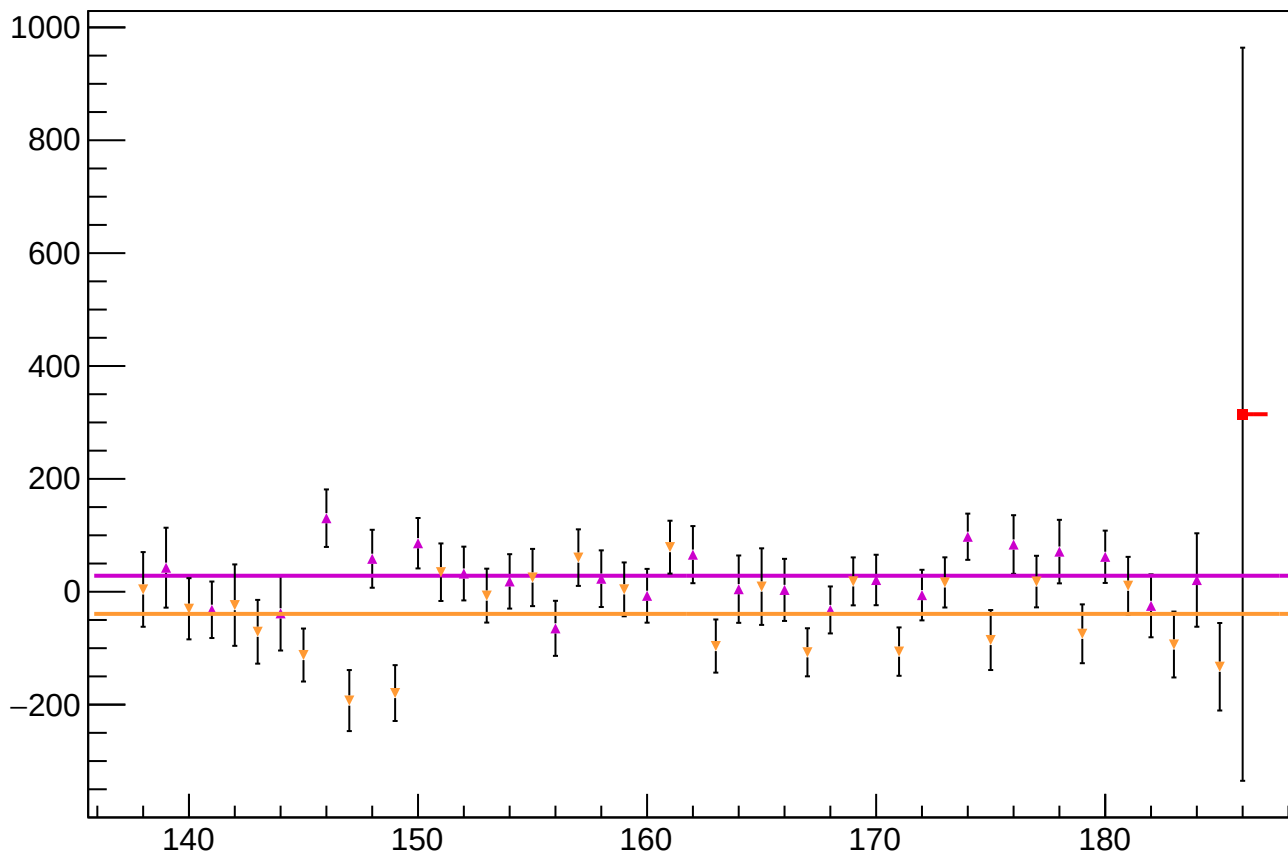
Left In: 339.571 $\pm$ 0.058 χ^2 /NDF:377816.0/22

+ 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: -39.211 $\pm$ 10.179 χ^2 /NDF:51.1/24

Right Out: 314.547 $\pm$ 649.521 χ^2 /NDF: 0.0/0

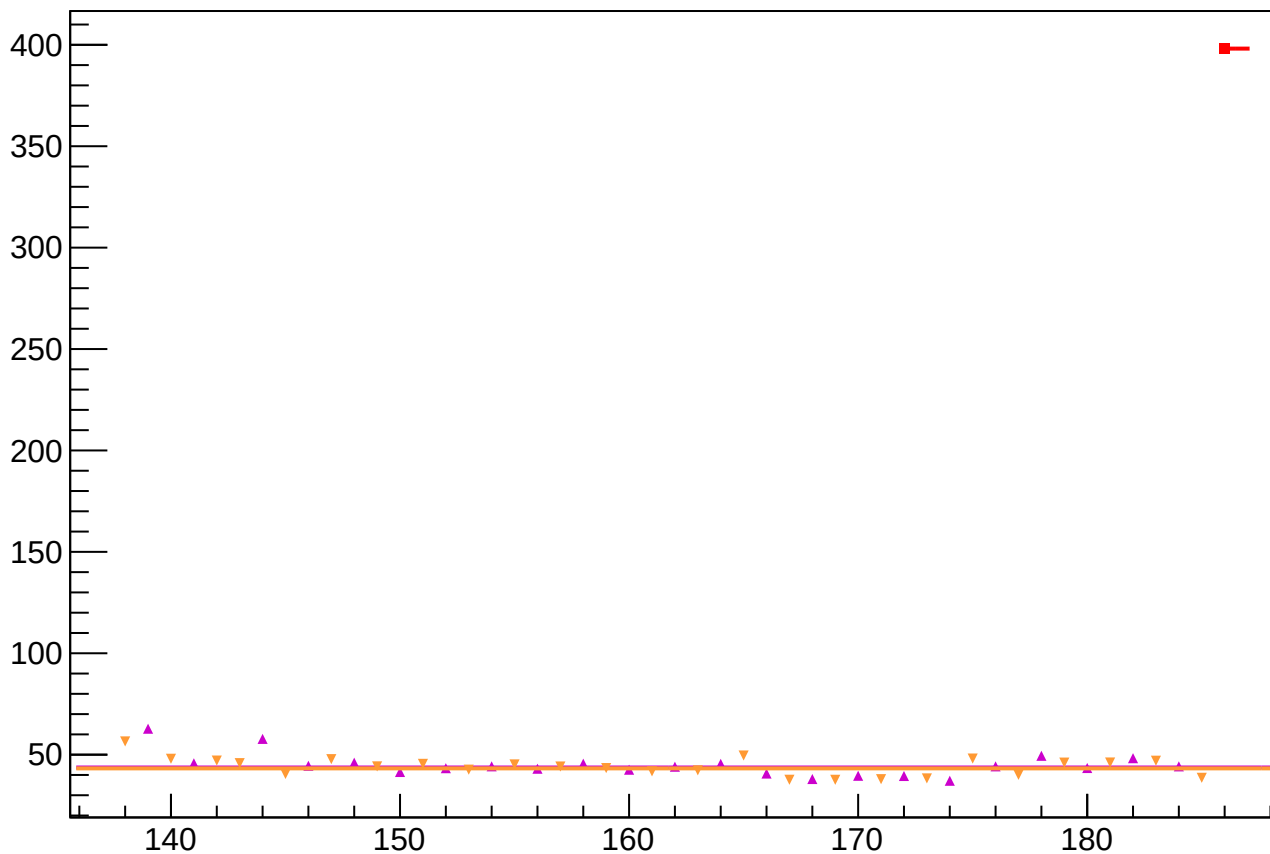
Left In: 28.364 $\pm$ 10.532 χ^2 /NDF:22.4/22

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

All: -6.533 $\pm$ 7.319 χ^2 /NDF: 95.1/48

- sign 28.439 $\pm$ 10.530 χ^2 /NDF: 22.6/23

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 43.243 $\pm$ 0.007 χ^2 /NDF:335422.8/24

Right Out: 398.135 $\pm$ 0.459 χ^2 /NDF: 0.0/0

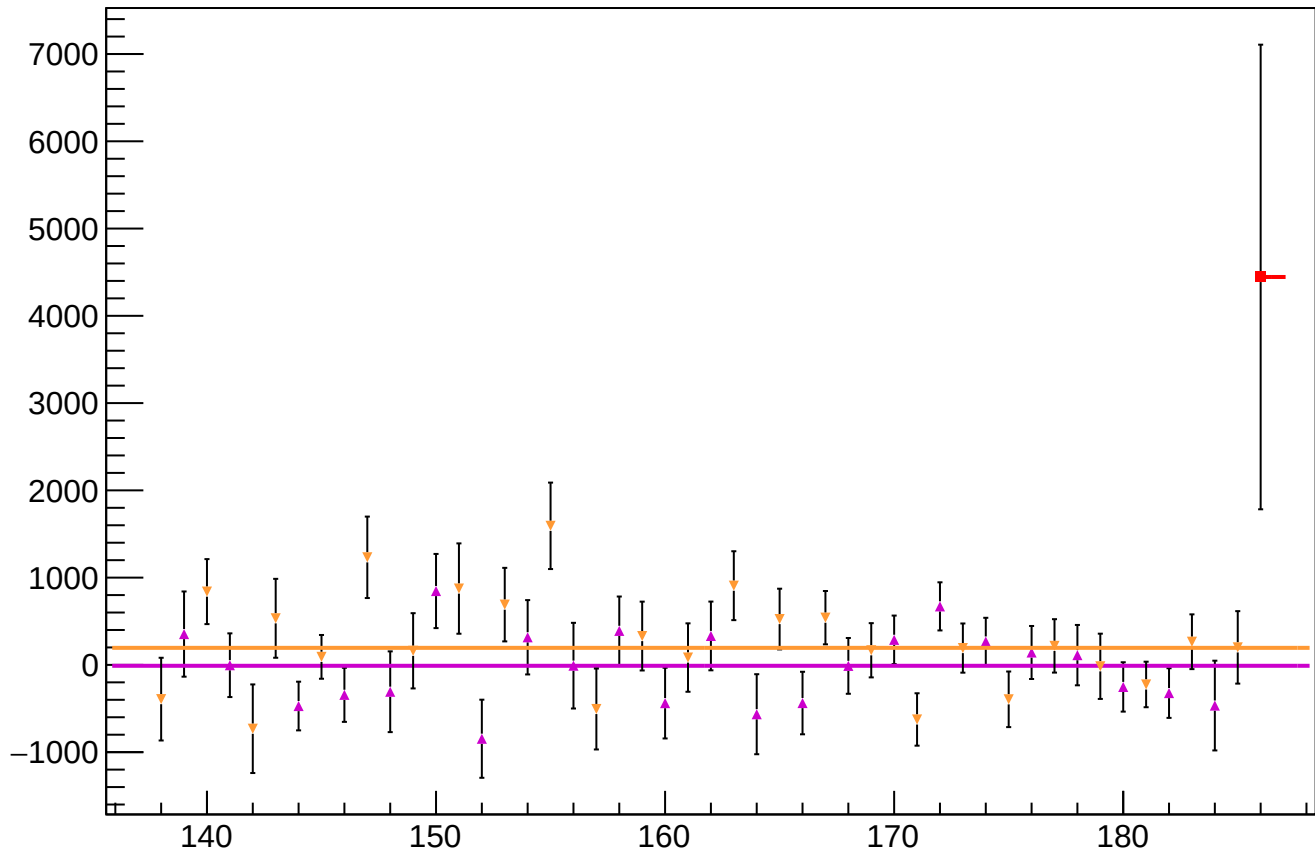
Left In: 43.679 $\pm$ 0.007 χ^2 /NDF:420266.8/22

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

All: 43.498 $\pm$ 0.005 χ^2 /NDF: 1353766.5/48

- sign 43.772 $\pm$ 0.007 χ^2 /NDF: 1015729.7/23

asym_sam_15_37_dd_correction_mean vs Slug



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

Left Out: 195.325 ± 71.593 χ^2/NDF : 46.4/24

Right Out: 4445.026 ± 2662.082 χ^2/NDF : 0.0/0

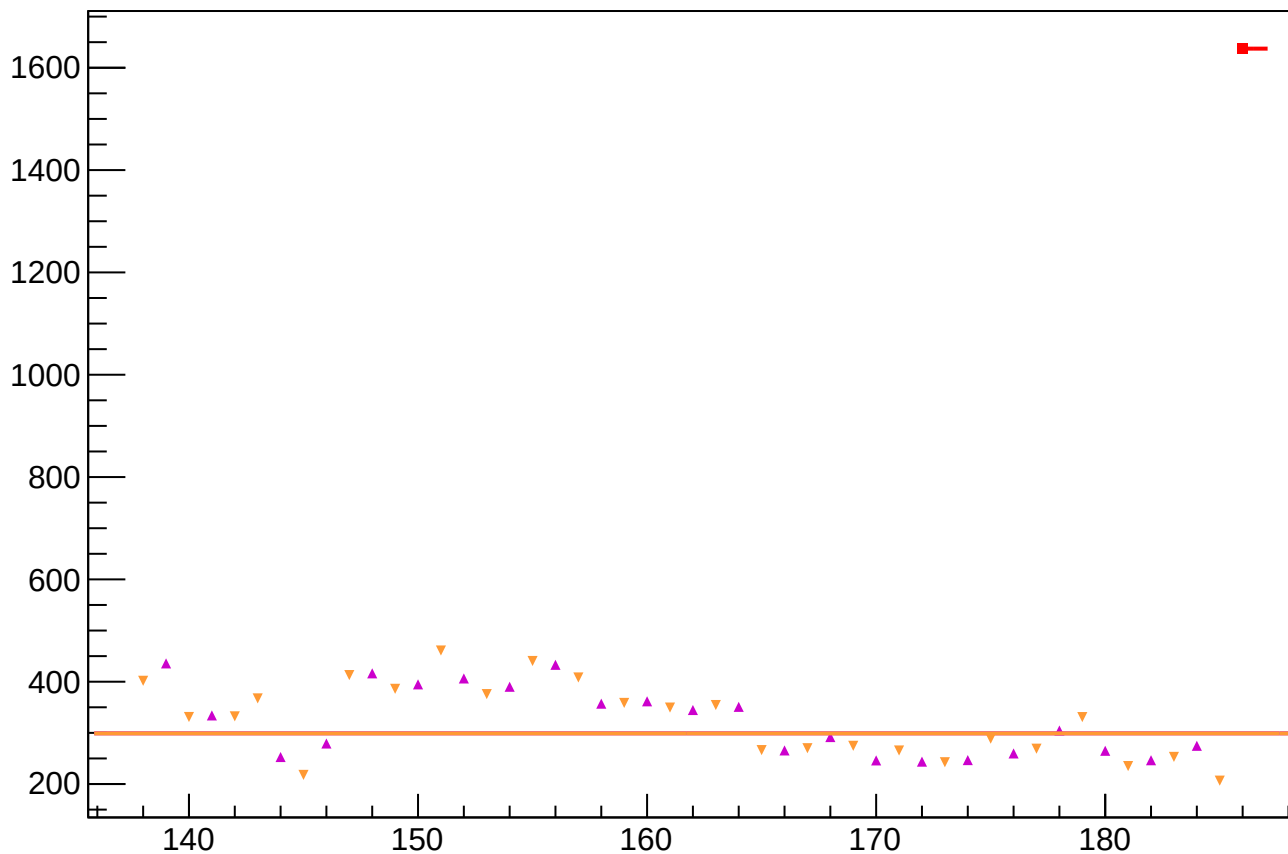
Left In: -10.264 ± 72.816 χ^2/NDF : 30.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 95.870 ± 51.042 χ^2/NDF : 83.3/48

- sign -6.933 ± 72.789 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: 298.961 +/- 0.051 χ^2/NDF : 1678647.8/24

Right Out: 1637.381 +/- 1.882 χ^2/NDF : 0.0/0

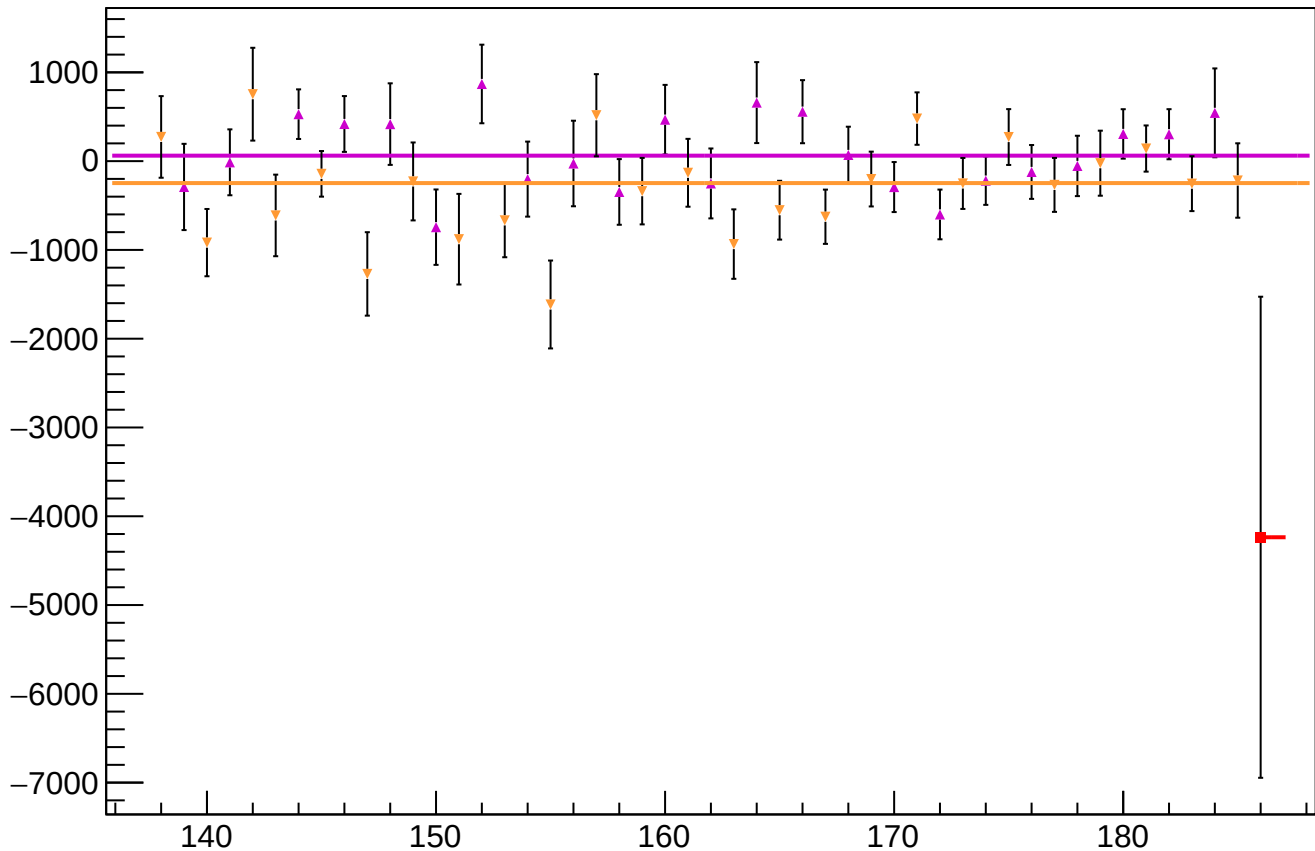
Left In: 299.127 +/- 0.051 χ^2/NDF : 1348388.7/22

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 299.534 +/- 0.036 χ^2/NDF : 3532353.3/48

- sign 300.127 +/- 0.051 χ^2/NDF : 1853444.7/23

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

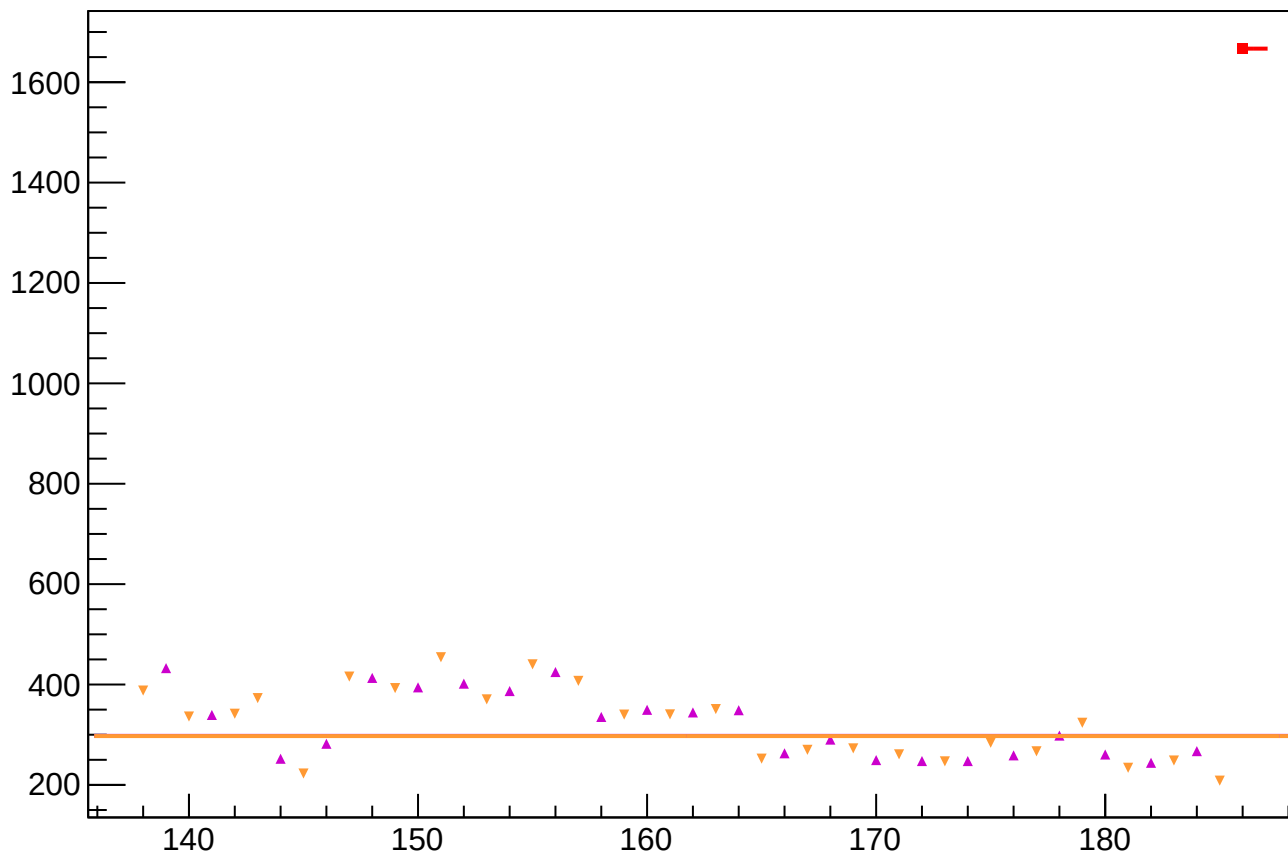
Left In: 61.707 $\pm$ 72.478 χ^2 /NDF:30.3/22

+ 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

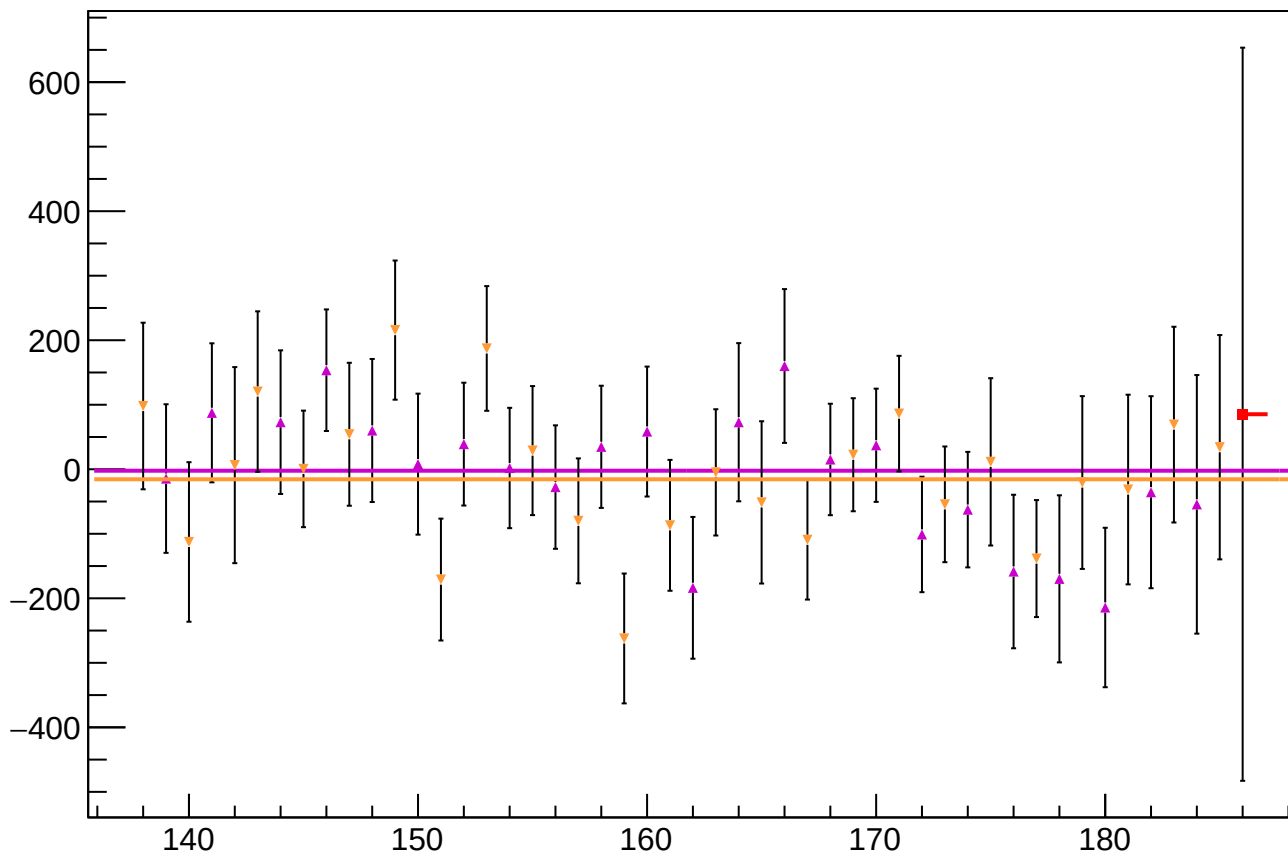
Left In: 297.696+/-0.051 χ^2/NDF :1274607.7/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -15.520 $\pm$ 21.475 χ^2 /NDF:27.0/24

Right Out: 85.293 $\pm$ 568.145 χ^2 /NDF: 0.0/0

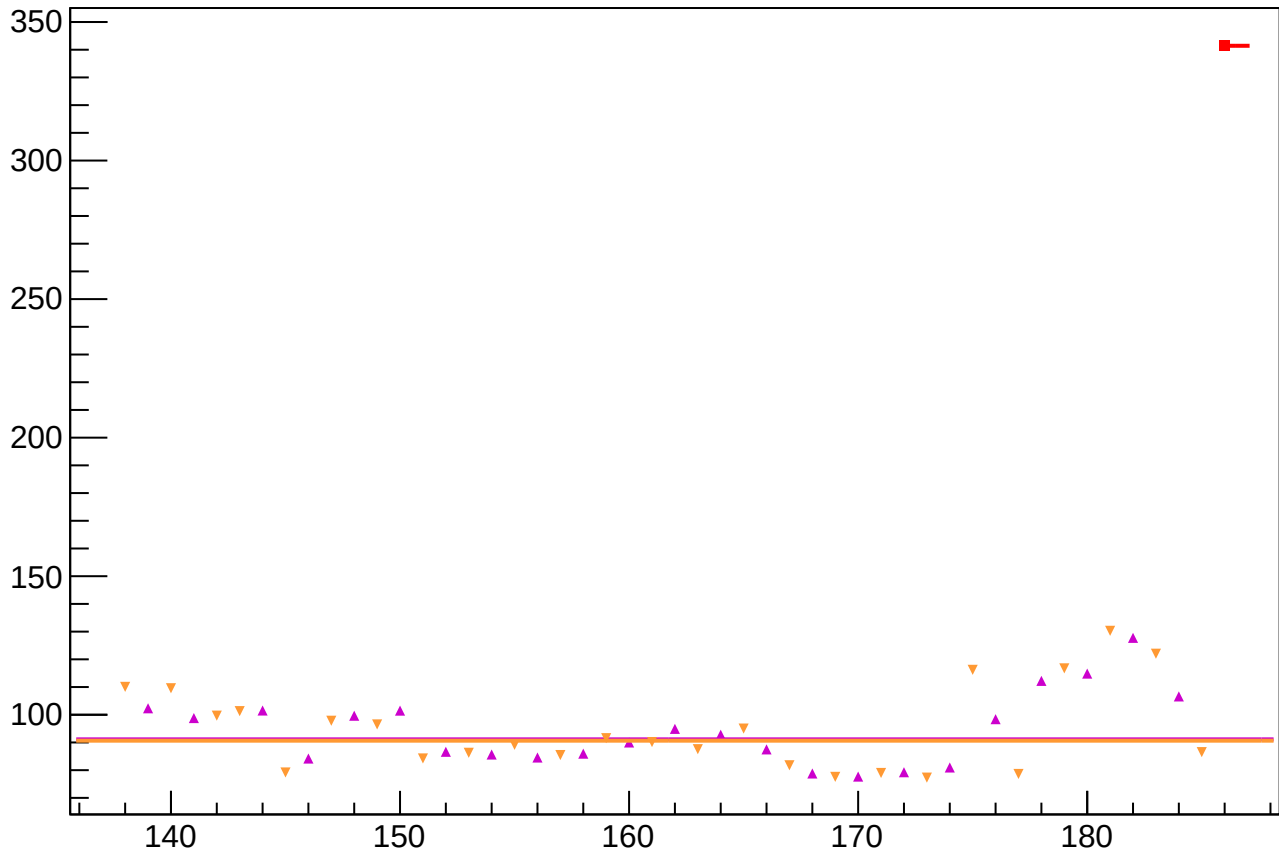
Left In: -2.238 $\pm$ 22.012 χ^2 /NDF:18.3/22

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

All: -8.974 $\pm$ 15.366 χ^2 /NDF: 45.5/48

- sign -2.107 $\pm$ 21.995 χ^2 /NDF: 18.4/23

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 90.645+/-0.015 χ^2/NDF : 746430.1/24

Right Out: 341.421+/-0.402 χ^2/NDF : 0.0/0

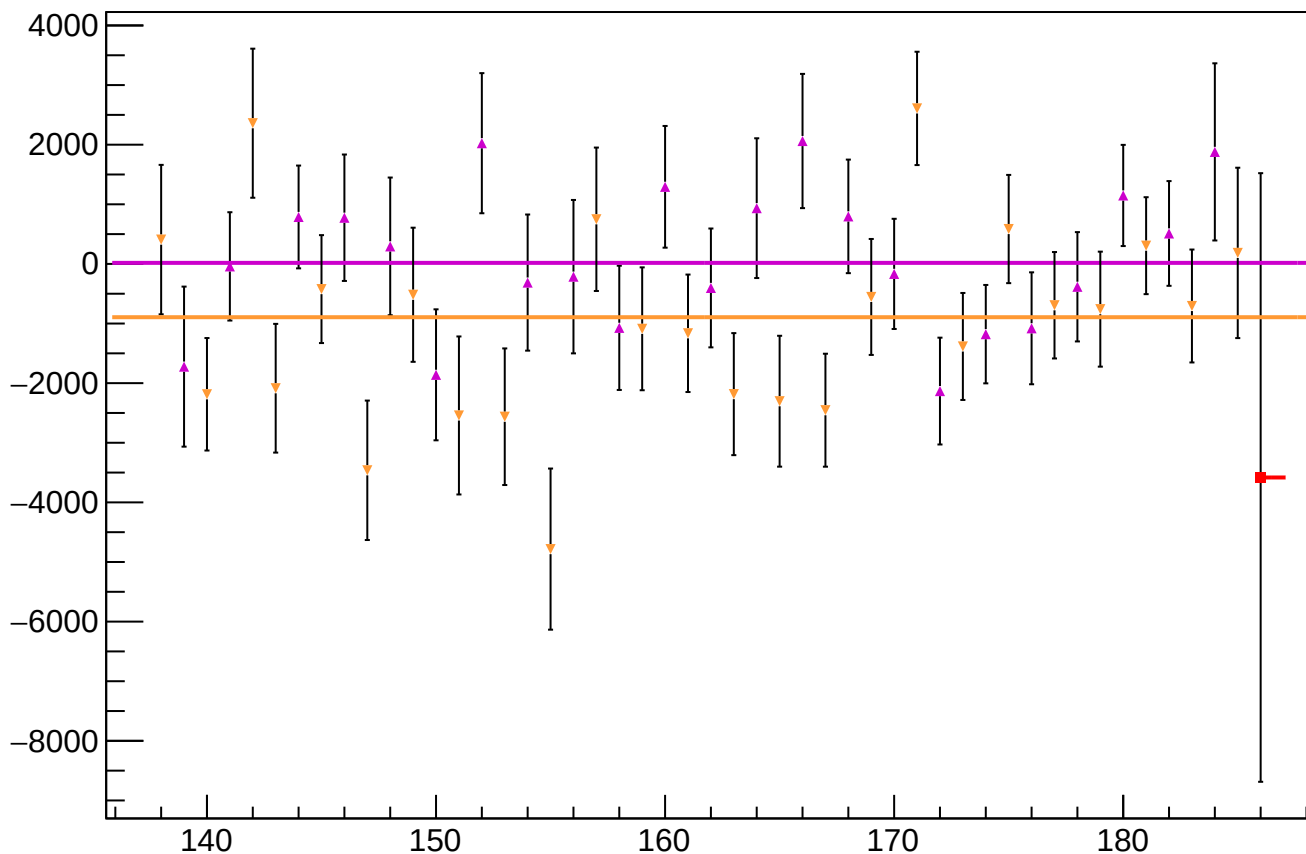
Left In: 91.121+/-0.016 χ^2/NDF : 534843.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.060+/-0.011 χ^2/NDF : 1670403.3/48

- sign 91.496+/-0.016 χ^2/NDF : 922442.3/23

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -893.973 $\pm$ 206.256 χ^2 /NDF:55.5/24

Right Out: -3582.457 $\pm$ 5104.653 χ^2 /NDF: 0.0/0

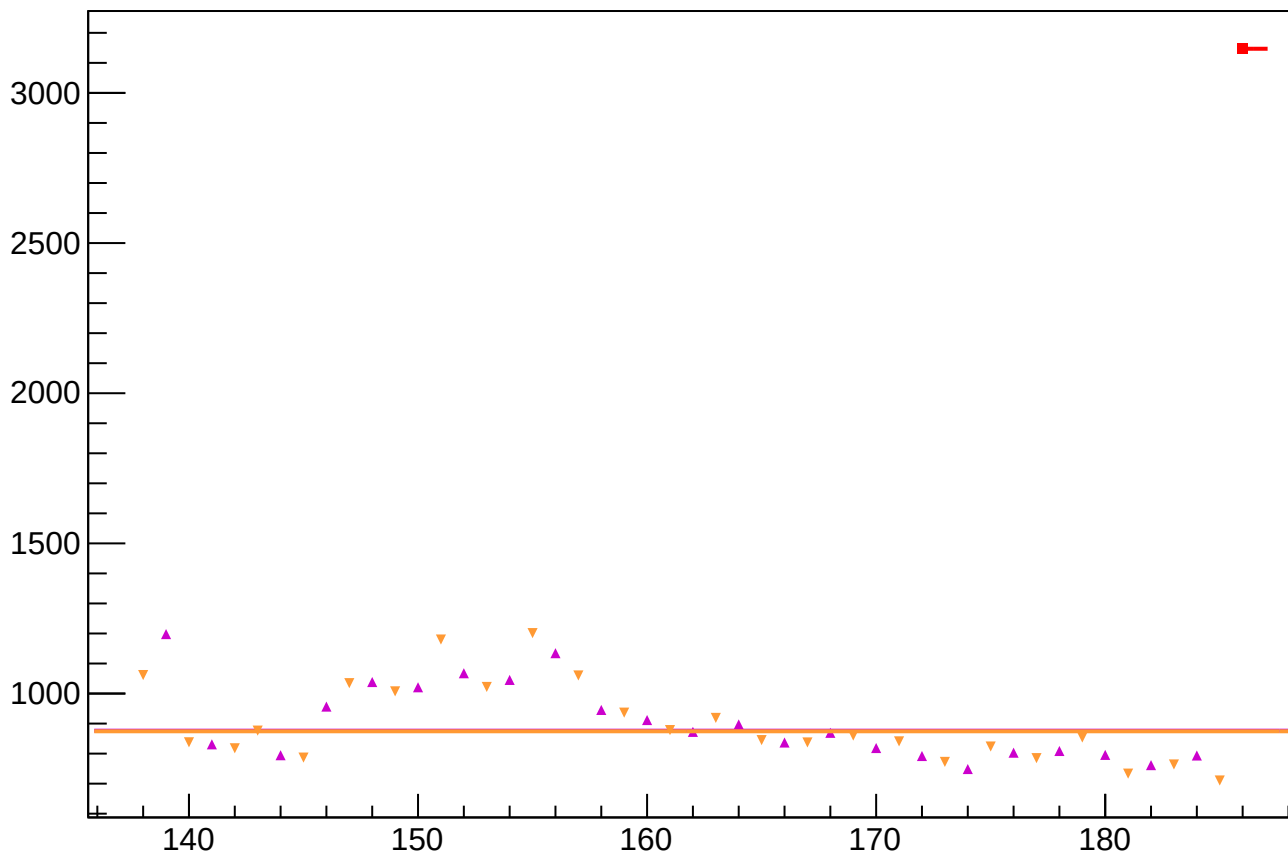
Left In: 17.607 $\pm$ 210.691 χ^2 /NDF:29.5/22

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

All: -450.489 $\pm$ 147.326 χ^2 /NDF: 95.0/48

- sign 11.485 $\pm$ 210.512 χ^2 /NDF: 30.0/23

asym_sam_24_68_dd_correction_rms vs Slug



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

Left Out: 874.364+/-0.146 χ^2/NDF : 625478.5/24

Right Out: 3147.019+/-3.610 χ^2/NDF : 0.0/0

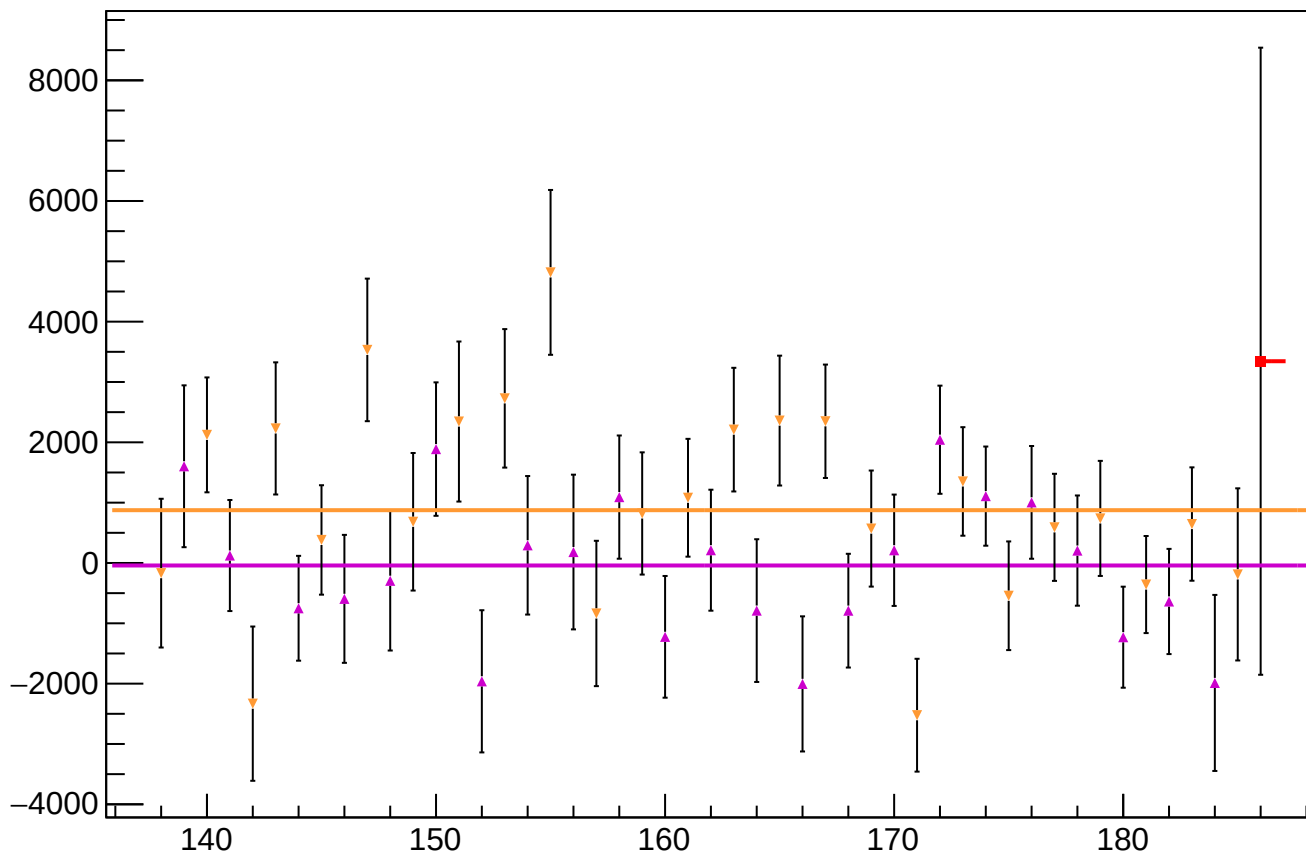
Left In: 876.305+/-0.149 χ^2/NDF : 569671.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.206+/-0.104 χ^2/NDF : 1591003.2/48

- sign 880.167+/-0.149 χ^2/NDF : 964749.3/23

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

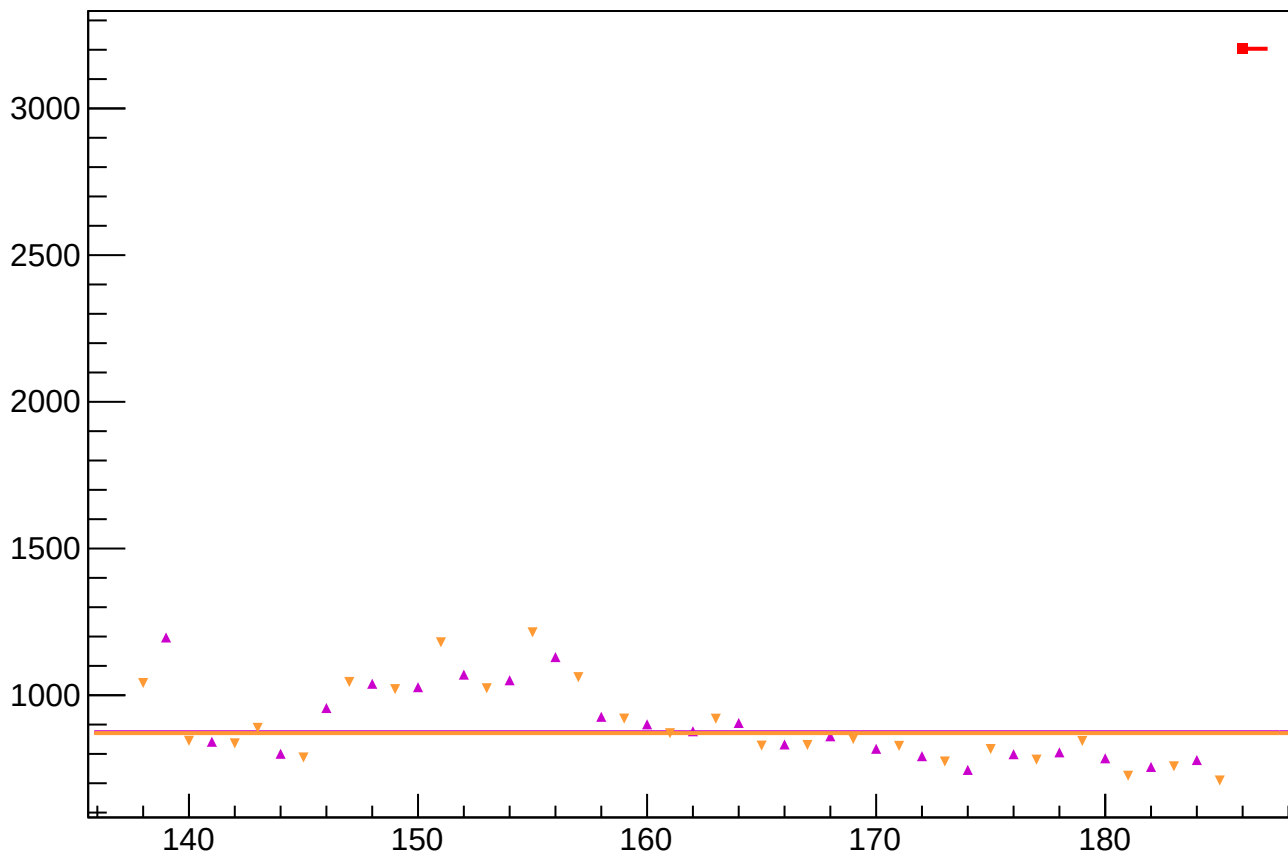
Left In: -41.523+/-210.209 χ^2/NDF : 28.1/22

+ 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

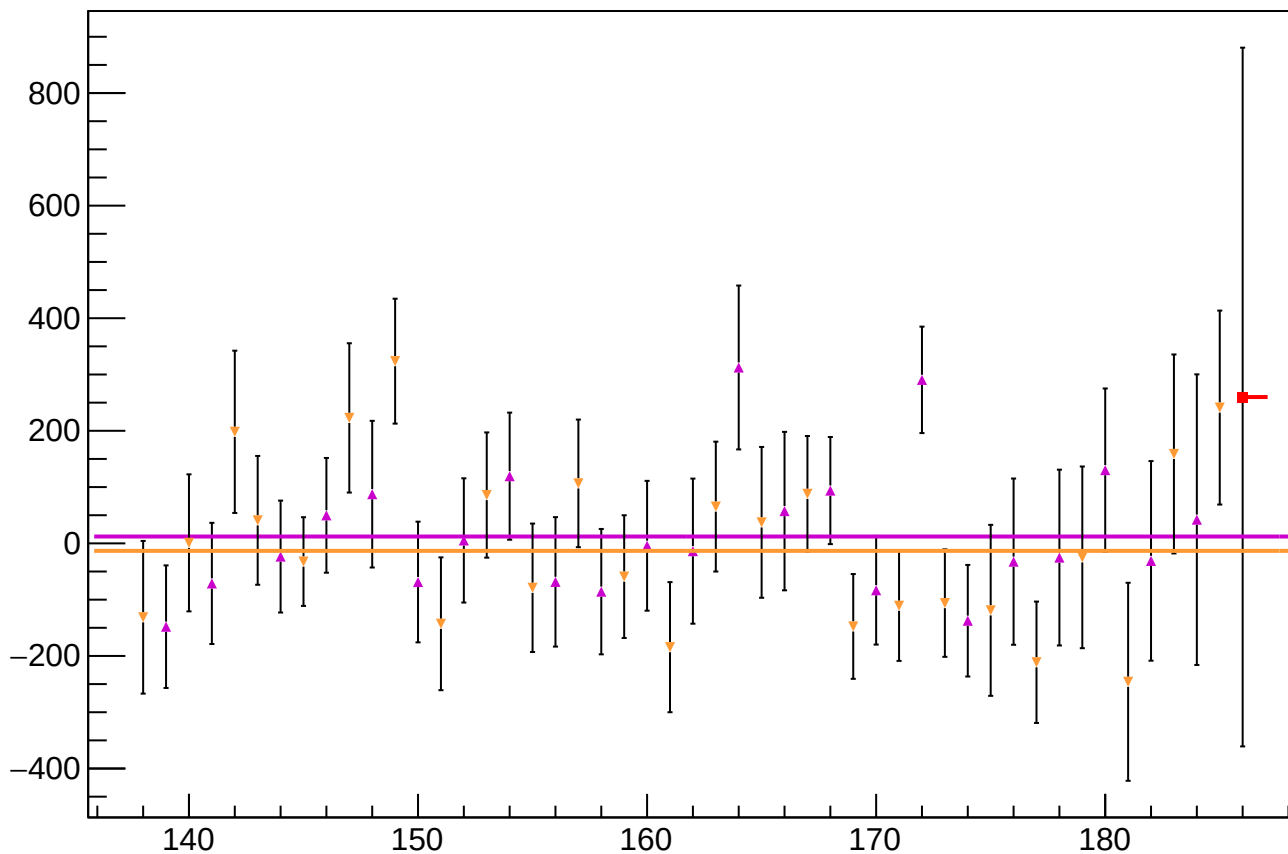
Left In: 873.902+/-0.149 χ^2/NDF : 583344.5/22

+ 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: -13.337 $\pm$ 23.361 χ^2 /NDF:35.8/24

Right Out: 259.959 $\pm$ 620.689 χ^2 /NDF: 0.0/0

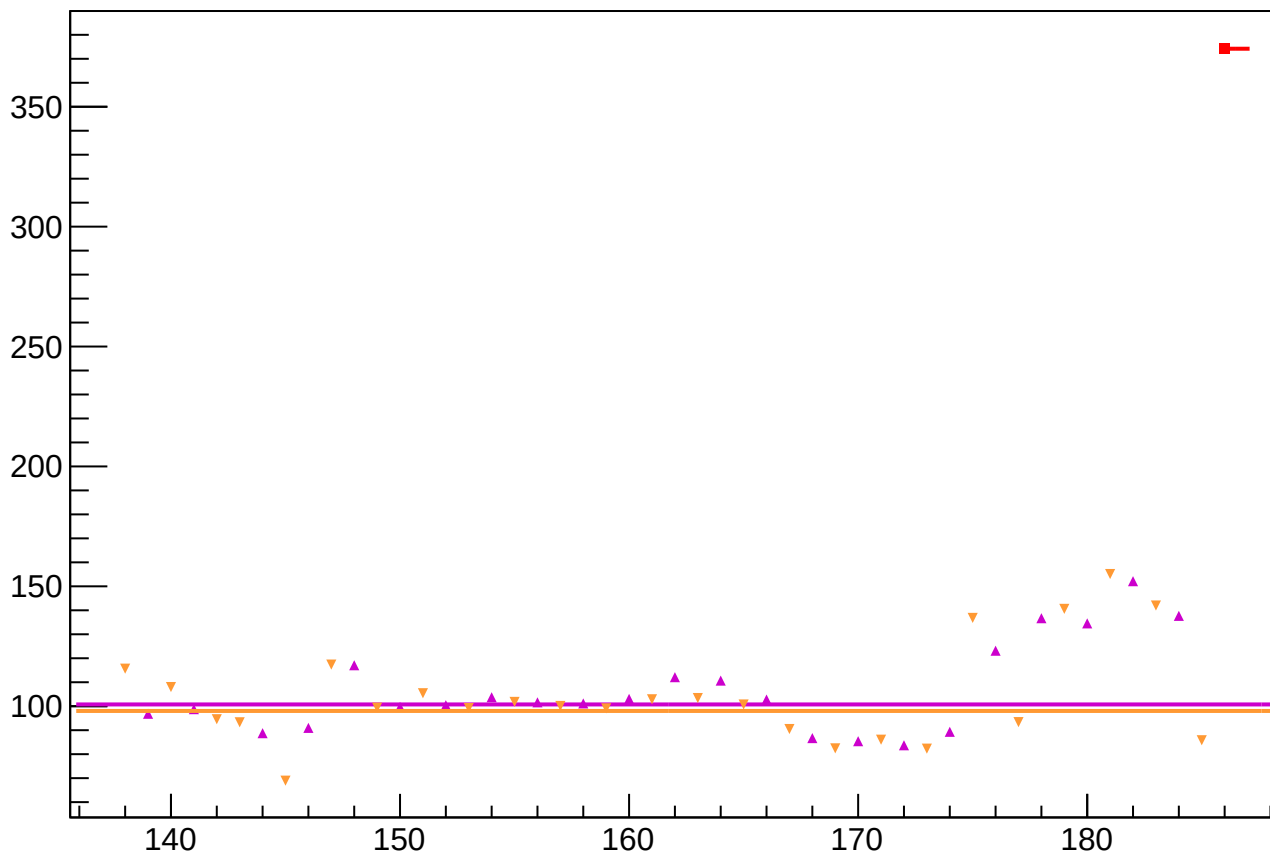
Left In: 12.180 $\pm$ 24.424 χ^2 /NDF:24.1/22

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

All: -0.953 $\pm$ 16.876 χ^2 /NDF: 60.6/48

- sign 12.563 $\pm$ 24.405 χ^2 /NDF: 24.2/23

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 98.025+/-0.017 χ^2/NDF : 1155755.3/24

Right Out: 374.201+/-0.439 χ^2/NDF : 0.0/0

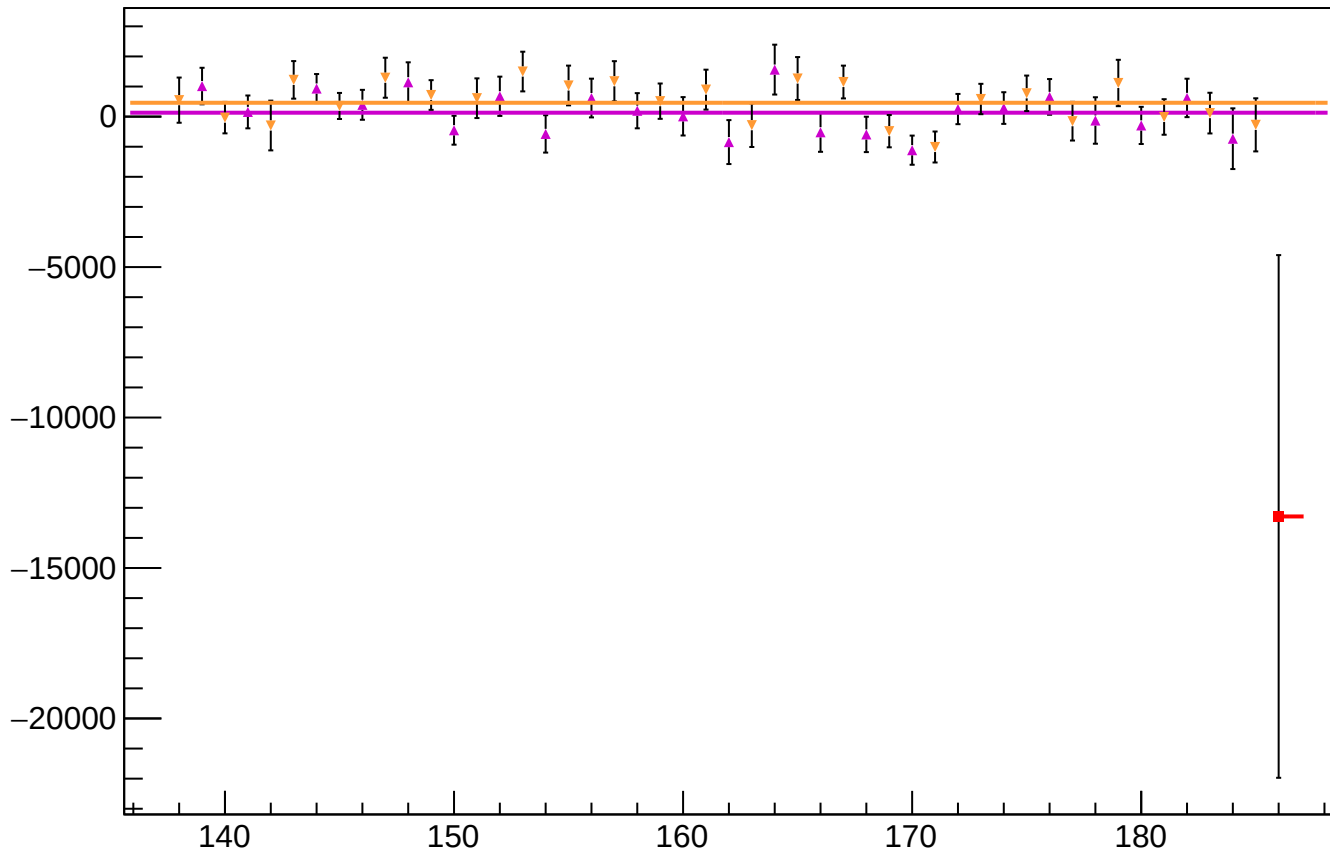
Left In: 100.743+/-0.017 χ^2/NDF : 765132.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.527+/-0.012 χ^2/NDF : 2325776.9/48

- sign 101.165+/-0.017 χ^2/NDF : 1152740.4/23

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: 460.425 ± 121.966 χ^2/NDF : 28.8/24

Right Out: -13286.851 ± 8684.856 χ^2/NDF : 0.0/0

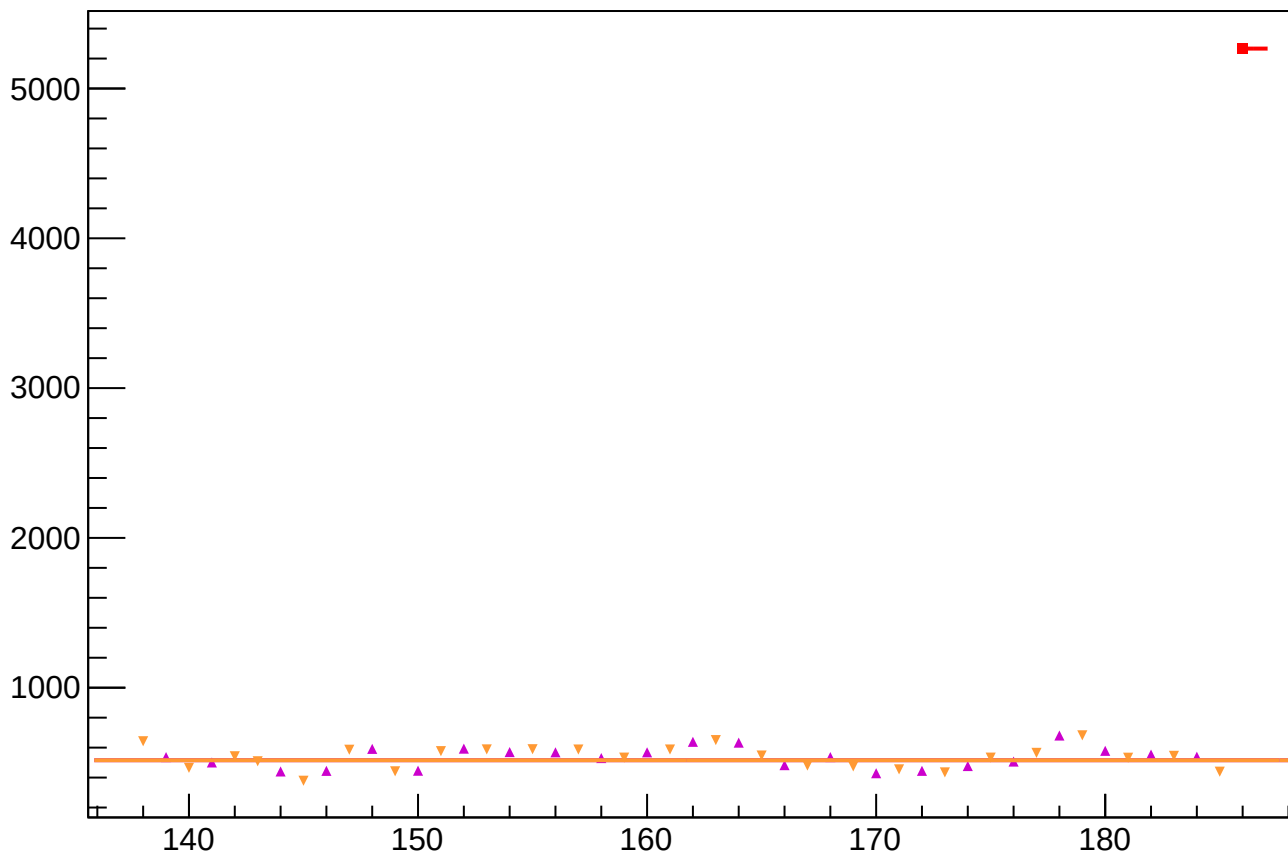
Left In: 129.944 ± 124.245 χ^2/NDF : 28.3/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 296.879 ± 87.033 χ^2/NDF : 63.1/48

- sign 127.198 ± 124.232 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: 515.747+/-0.086 χ^2/NDF : 758795.8/24

Right Out: 5266.495+/-6.141 χ^2/NDF : 0.0/0

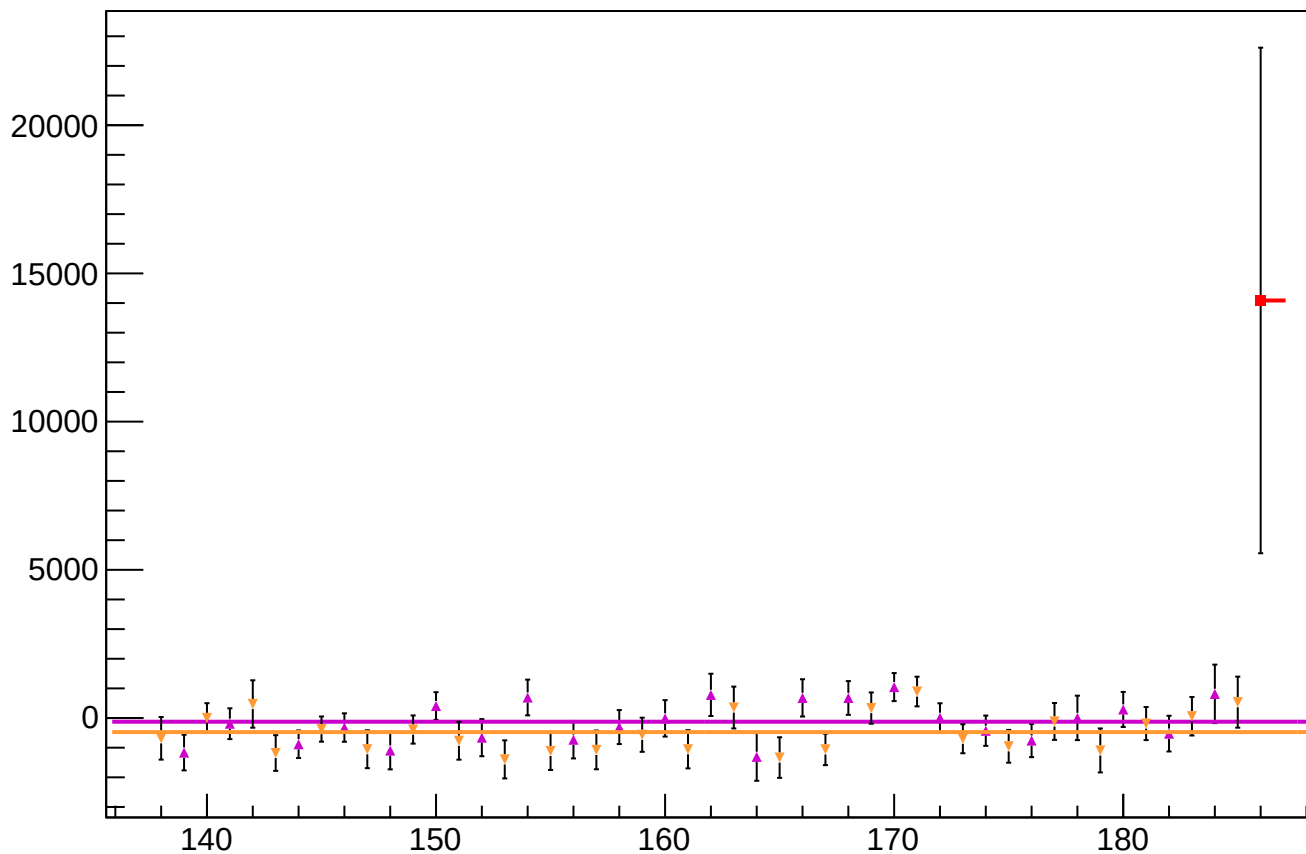
Left In: 516.102+/-0.088 χ^2/NDF : 572973.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.398+/-0.062 χ^2/NDF : 1930125.0/48

- sign 517.074+/-0.088 χ^2/NDF : 1171213.1/23

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -473.870 ± 117.977 χ^2/NDF : 27.9/24

Right Out: 14086.926 ± 8528.393 χ^2/NDF : 0.0/0

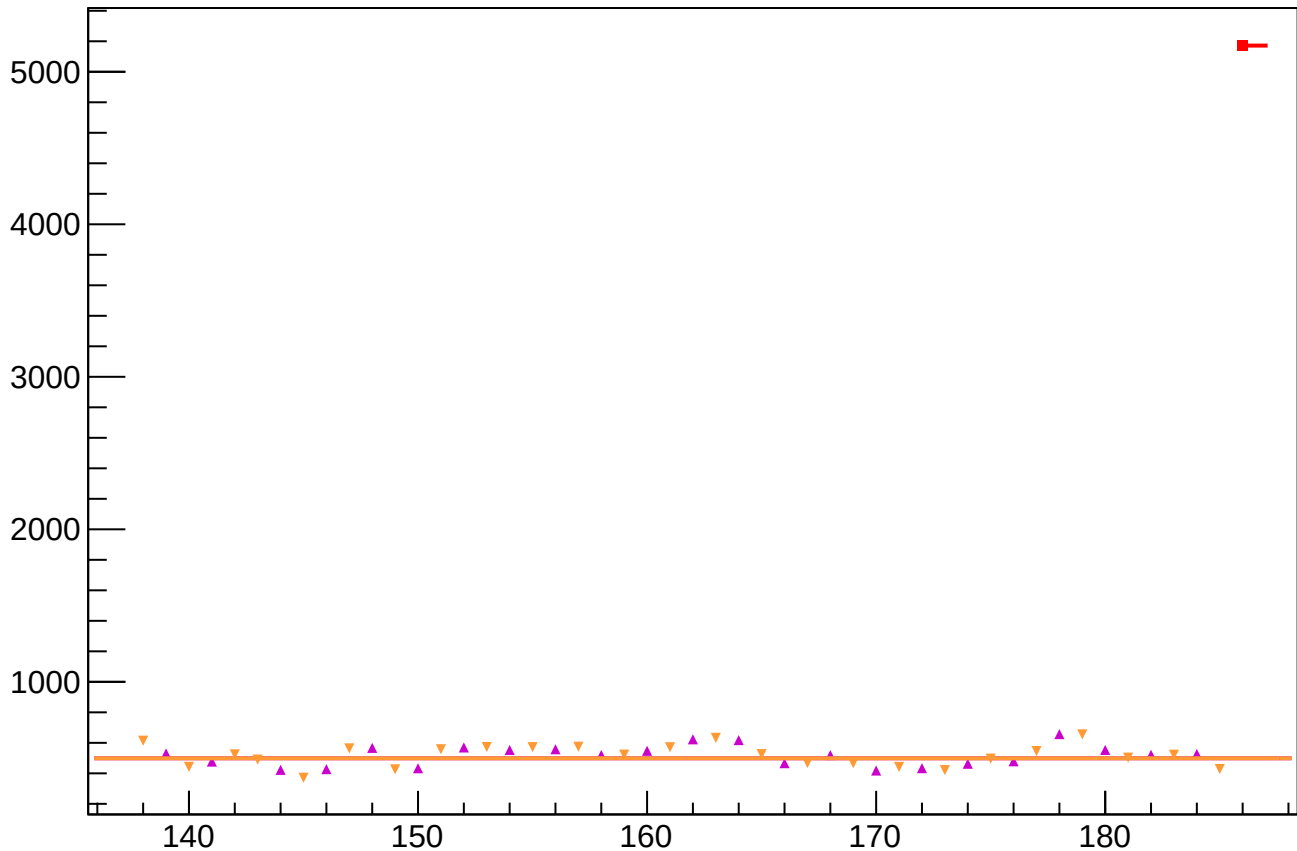
Left In: -124.022 ± 120.216 χ^2/NDF : 30.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -300.831 ± 84.199 χ^2/NDF : 65.3/48

- sign -121.199 ± 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

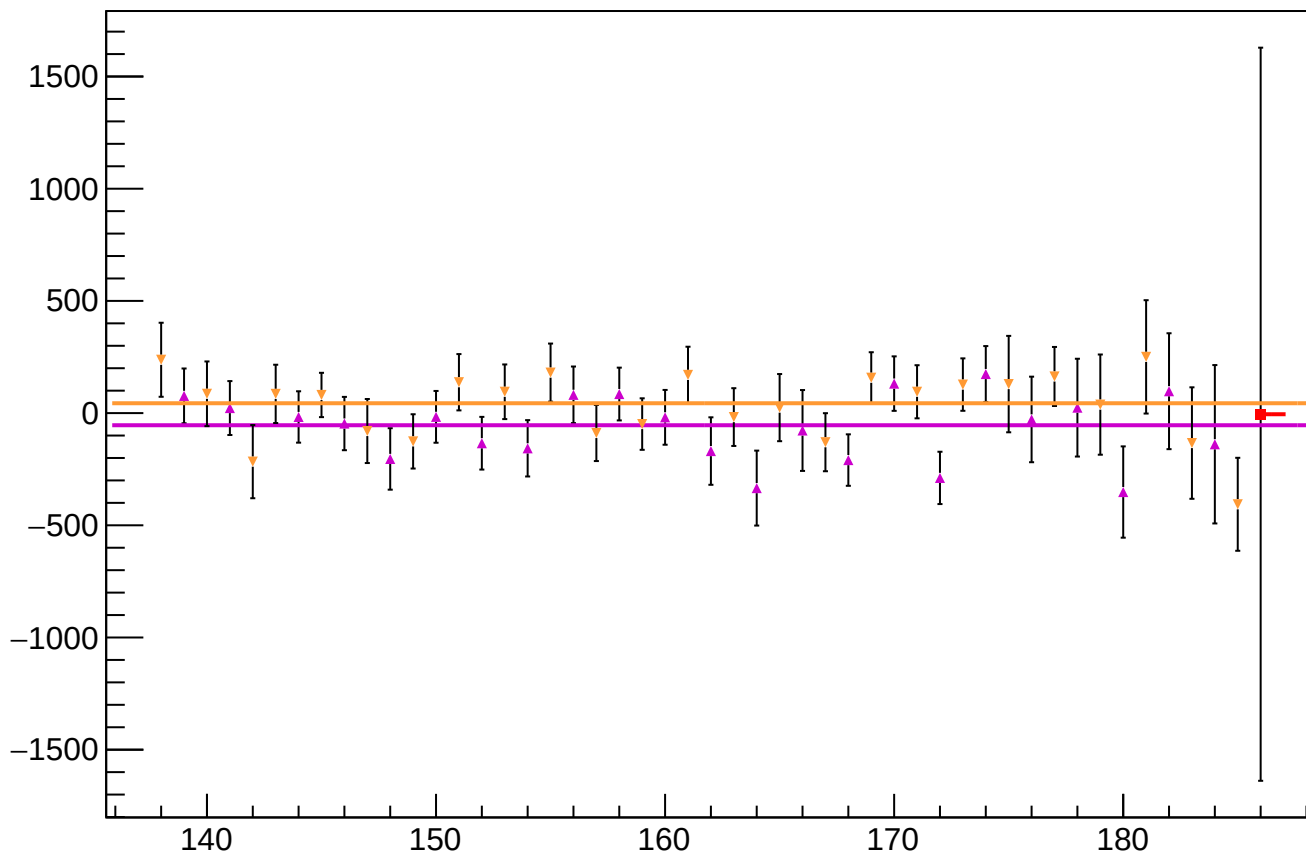
Left In: 498.835+/-0.085 χ^2/NDF : 572334.3/22

+ 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 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 43.944 ± 27.345 χ^2/NDF : 22.2/24

Right Out: -5.046 ± 1633.582 χ^2/NDF : 0.0/0

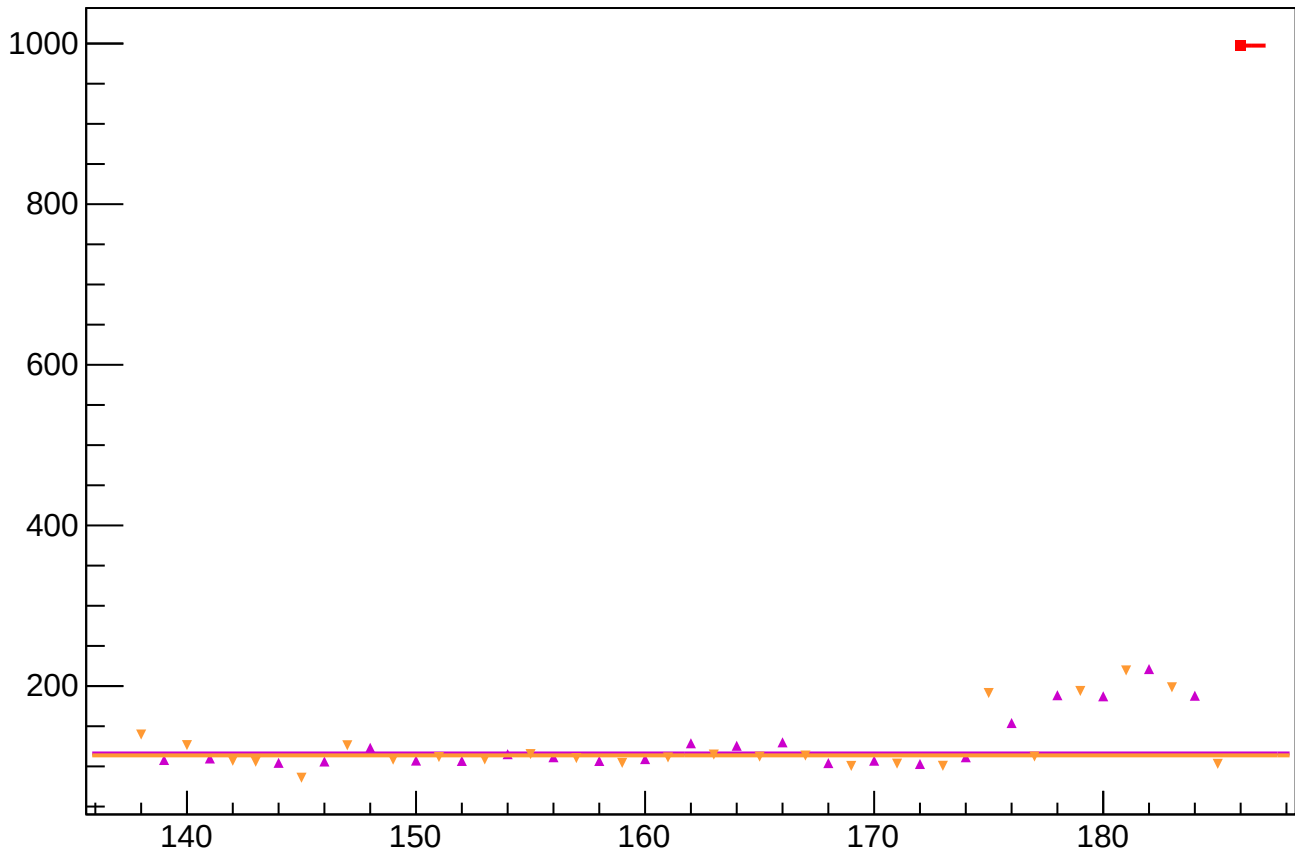
Left In: -54.074 ± 28.411 χ^2/NDF : 24.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.193 ± 19.700 χ^2/NDF : 52.9/48

- sign -54.059 ± 28.406 χ^2/NDF : 24.4/23

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 113.737+/-0.019 χ^2/NDF : 1449004.4/24

Right Out: 997.438+/-1.155 χ^2/NDF : 0.0/0

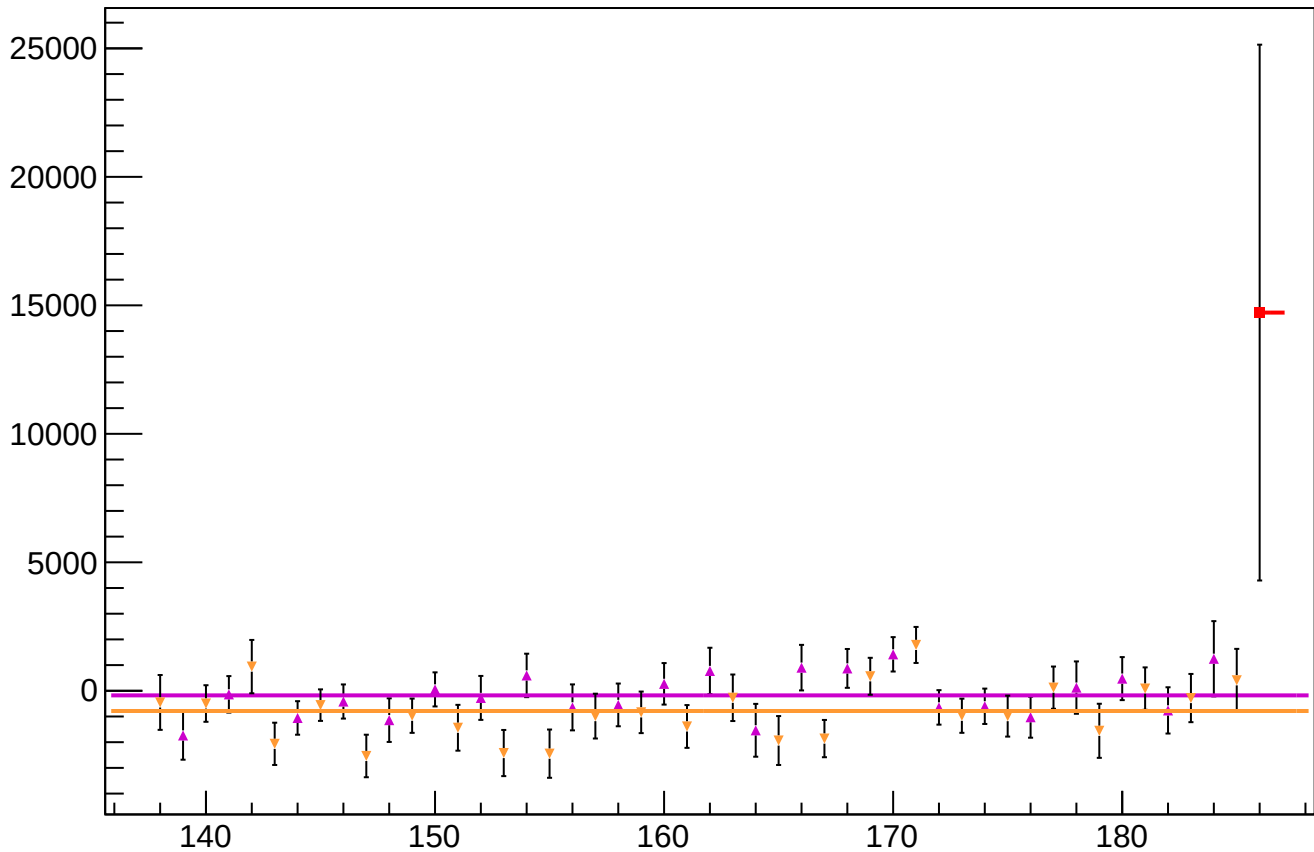
Left In: 116.086+/-0.020 χ^2/NDF : 1153706.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.995+/-0.014 χ^2/NDF : 3193502.1/48

- sign 116.353+/-0.020 χ^2/NDF : 1735696.4/23

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -786.017 $\pm$ 163.870 χ^2 /NDF: 42.9/24

Right Out: 14718.202 $\pm$ 10425.991 χ^2 /NDF: 0.0/0

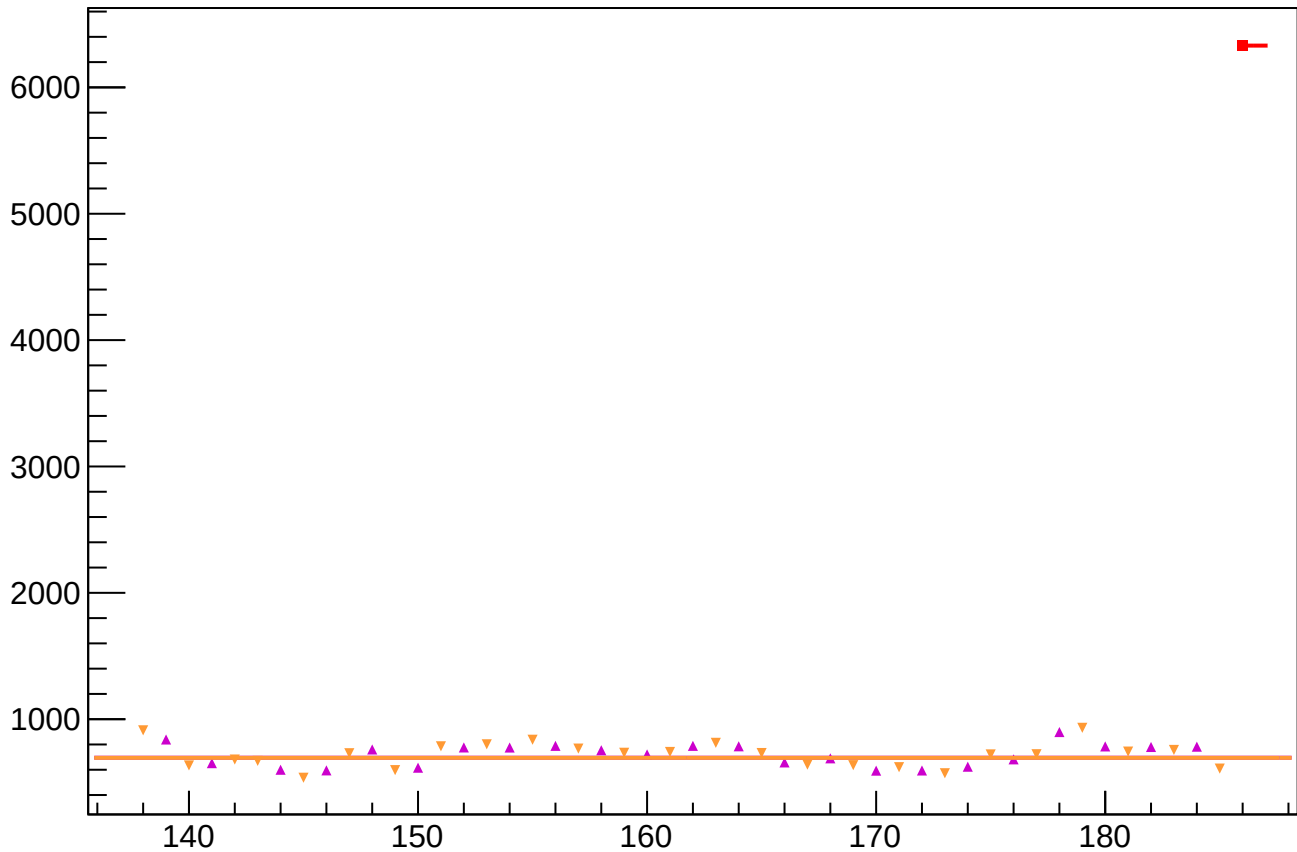
Left In: -178.145 $\pm$ 167.125 χ^2 /NDF: 23.8/22

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

All: -486.144 $\pm$ 117.000 χ^2 /NDF: 75.5/48

- sign -174.318 $\pm$ 167.104 χ^2 /NDF: 25.8/23

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 694.374+/-0.116 χ^2/NDF : 682913.3/24

Right Out: 6330.674+/-7.372 χ^2/NDF : 0.0/0

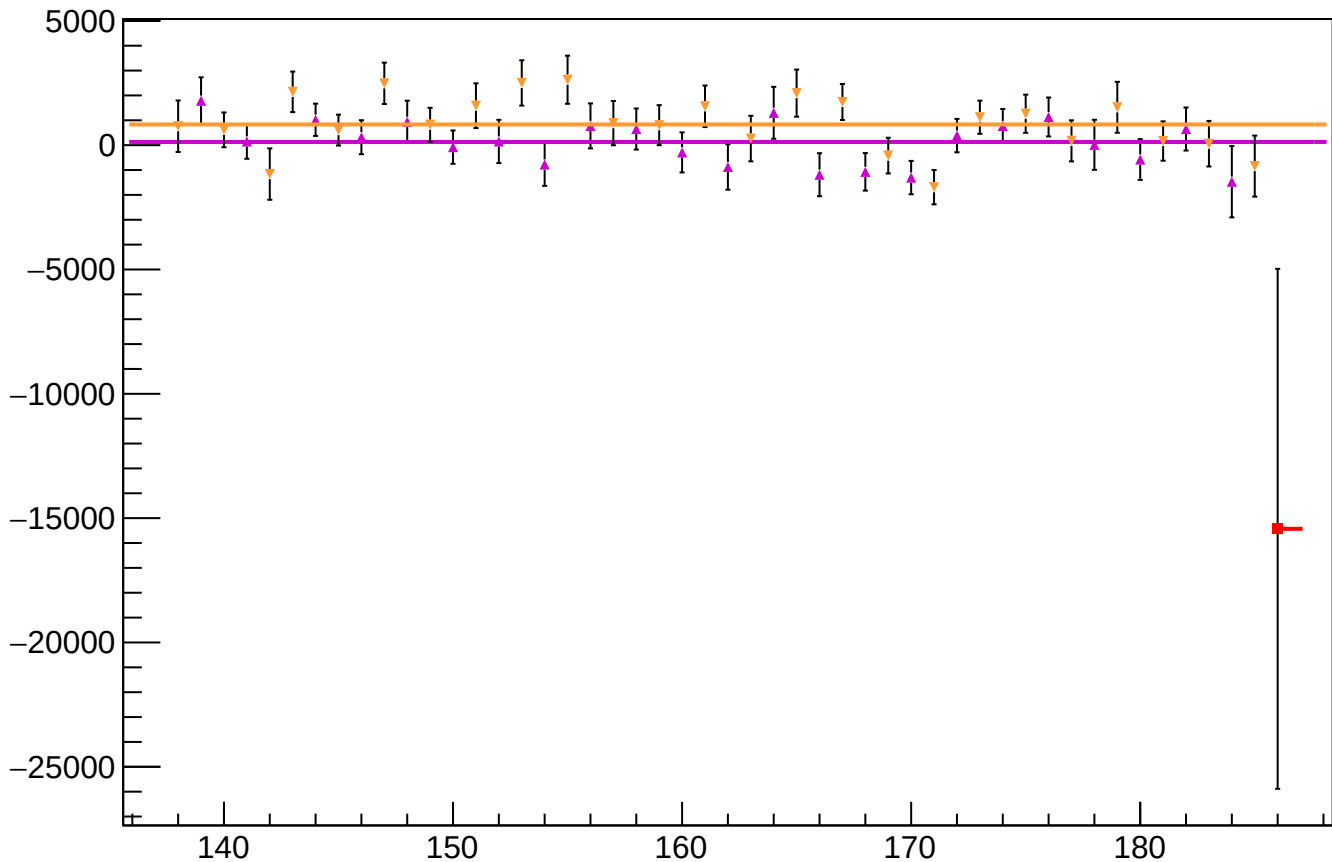
Left In: 695.132+/-0.118 χ^2/NDF : 534747.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.455+/-0.083 χ^2/NDF : 1802029.5/48

- sign 696.580+/-0.118 χ^2/NDF : 1118938.5/23

asym_sam_1548_avg_mean vs Slug



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

Left Out: 832.553 ± 163.428 χ^2/NDF : 43.8/24

Right Out: -15429.058 ± 10455.613 χ^2/NDF : 0.0/0

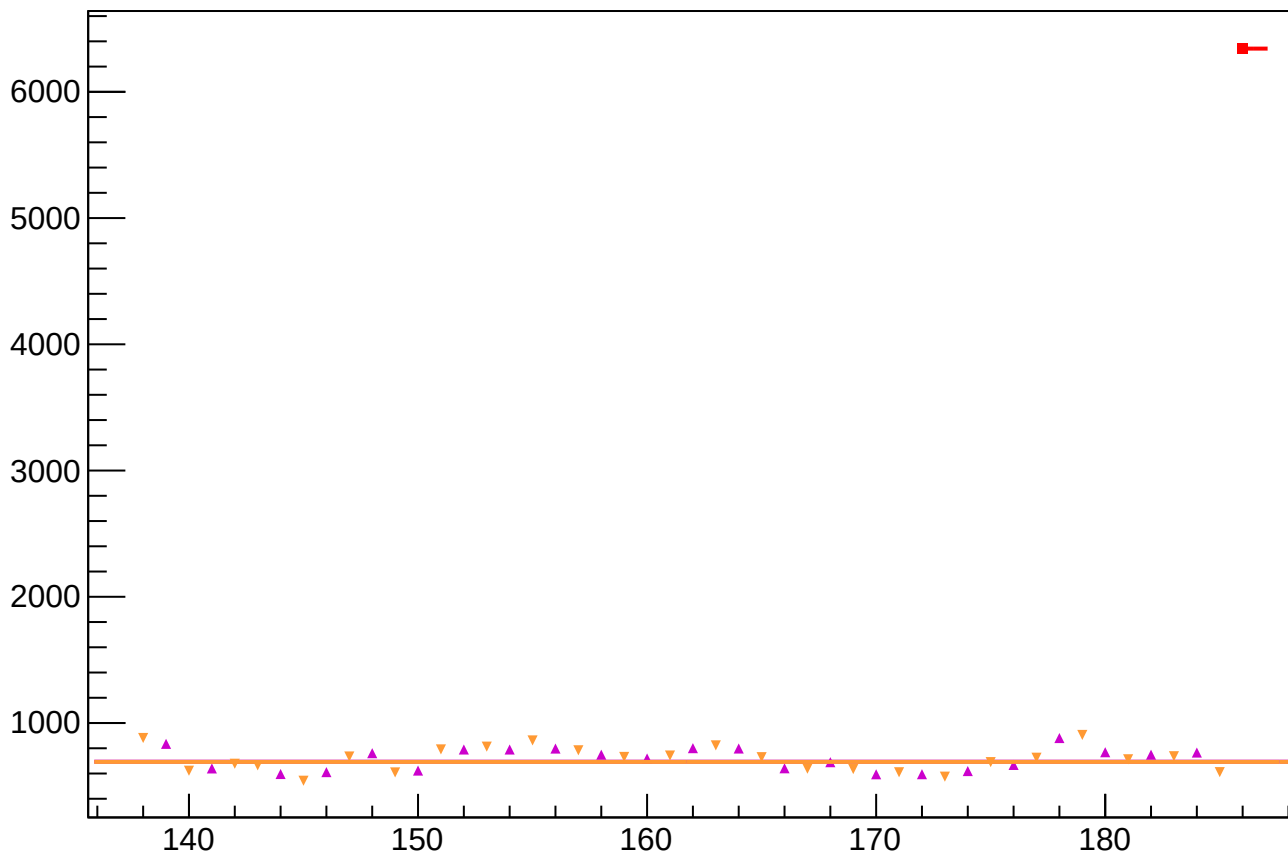
Left In: 128.120 ± 166.866 χ^2/NDF : 25.3/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 485.683 ± 116.750 χ^2/NDF : 80.5/48

- sign 124.158 ± 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

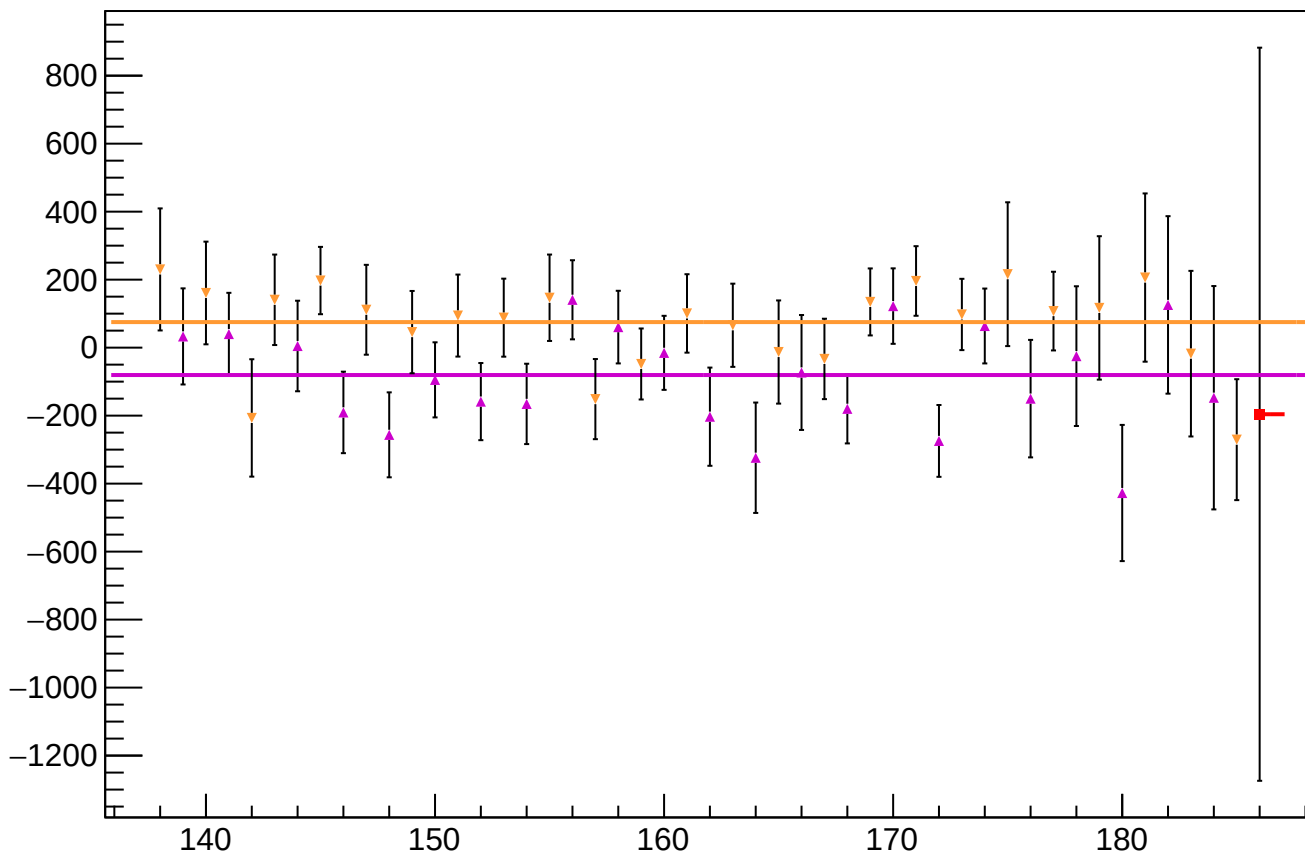
Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 75.160 $\pm$ 25.879 χ^2 /NDF:18.9/24

Right Out: -195.898 $\pm$ 1078.261 χ^2 /NDF: 0.0/0

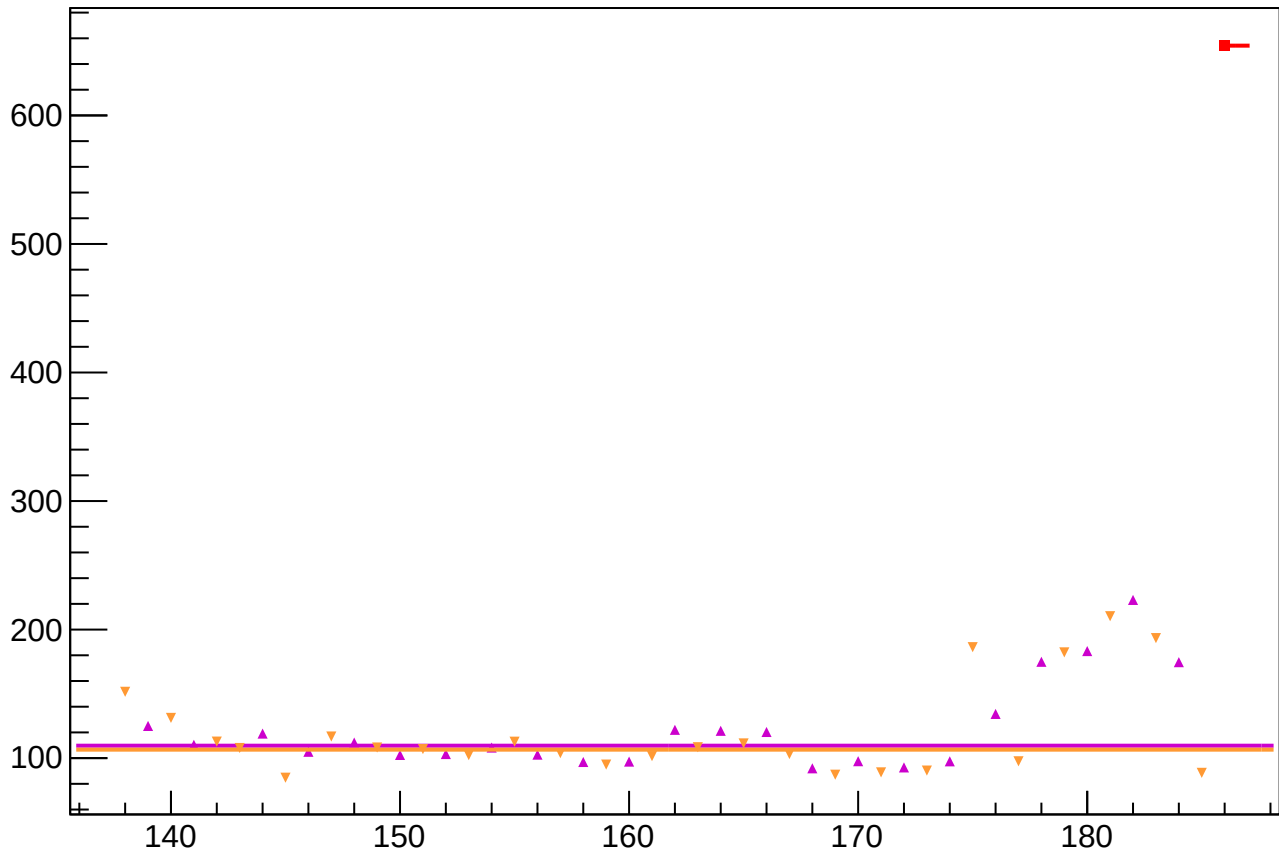
Left In: -80.580 $\pm$ 27.098 χ^2 /NDF:27.8/22

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

All: 0.814 $\pm$ 18.712 χ^2 /NDF: 64.0/48

- sign -80.653 $\pm$ 27.090 χ^2 /NDF: 27.8/23

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 106.584+/-0.018 χ^2/NDF :1699202.1/24

Right Out: 654.289+/-0.762 χ^2/NDF : 0.0/0

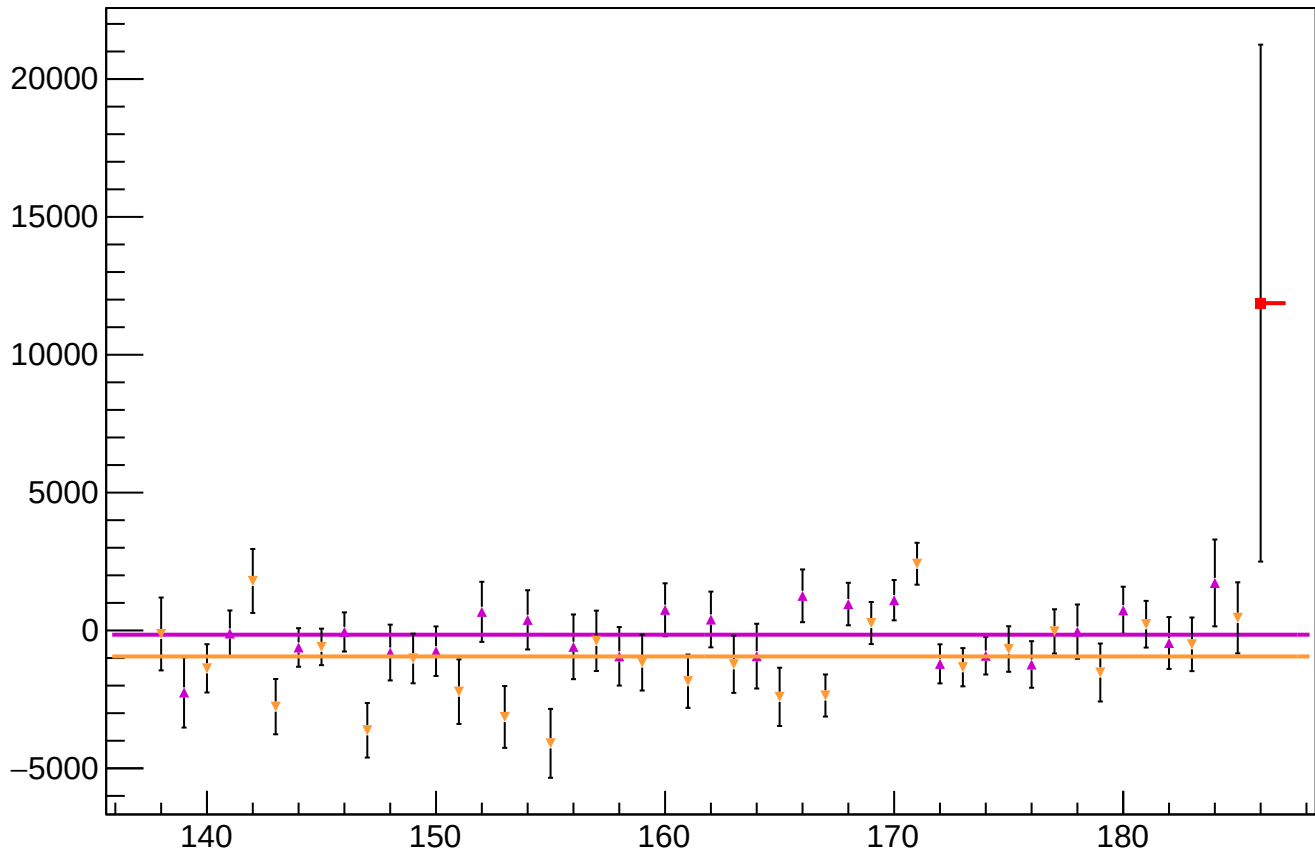
Left In: 109.672+/-0.019 χ^2/NDF :1274240.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.221+/-0.013 χ^2/NDF : 3500131.9/48

- sign 110.016+/-0.019 χ^2/NDF : 1784146.7/23

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -942.636 $\pm$ 184.948 χ^2 /NDF:62.5/24

Right Out: 11872.820 $\pm$ 9374.214 χ^2 /NDF: 0.0/0

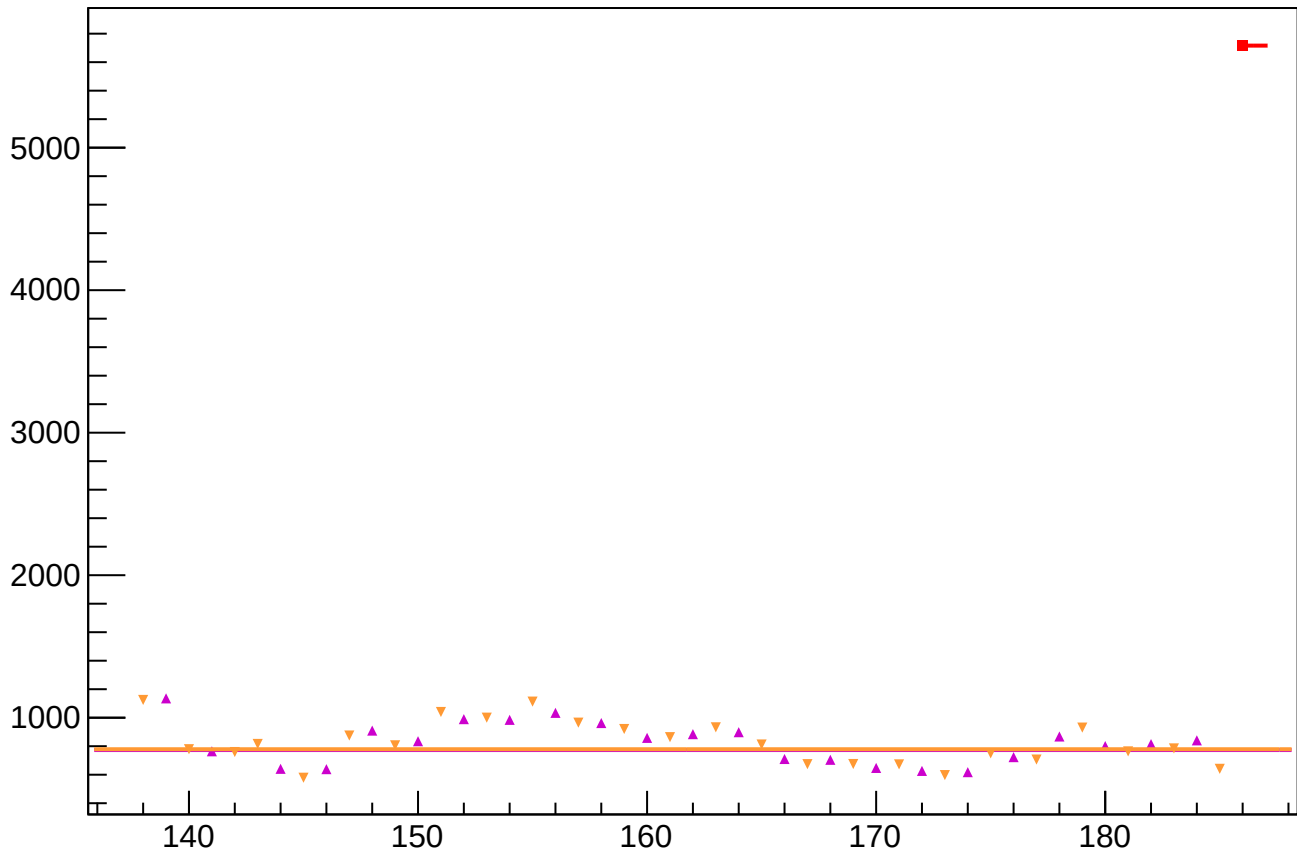
Left In: -153.898 $\pm$ 187.179 χ^2 /NDF:22.1/22

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

All: -550.548 $\pm$ 131.547 χ^2 /NDF: 95.3/48

- sign -149.104 $\pm$ 187.142 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: 778.776+/-0.131 χ^2/NDF :1157041.1/24

Right Out: 5716.151+/-6.629 χ^2/NDF : 0.0/0

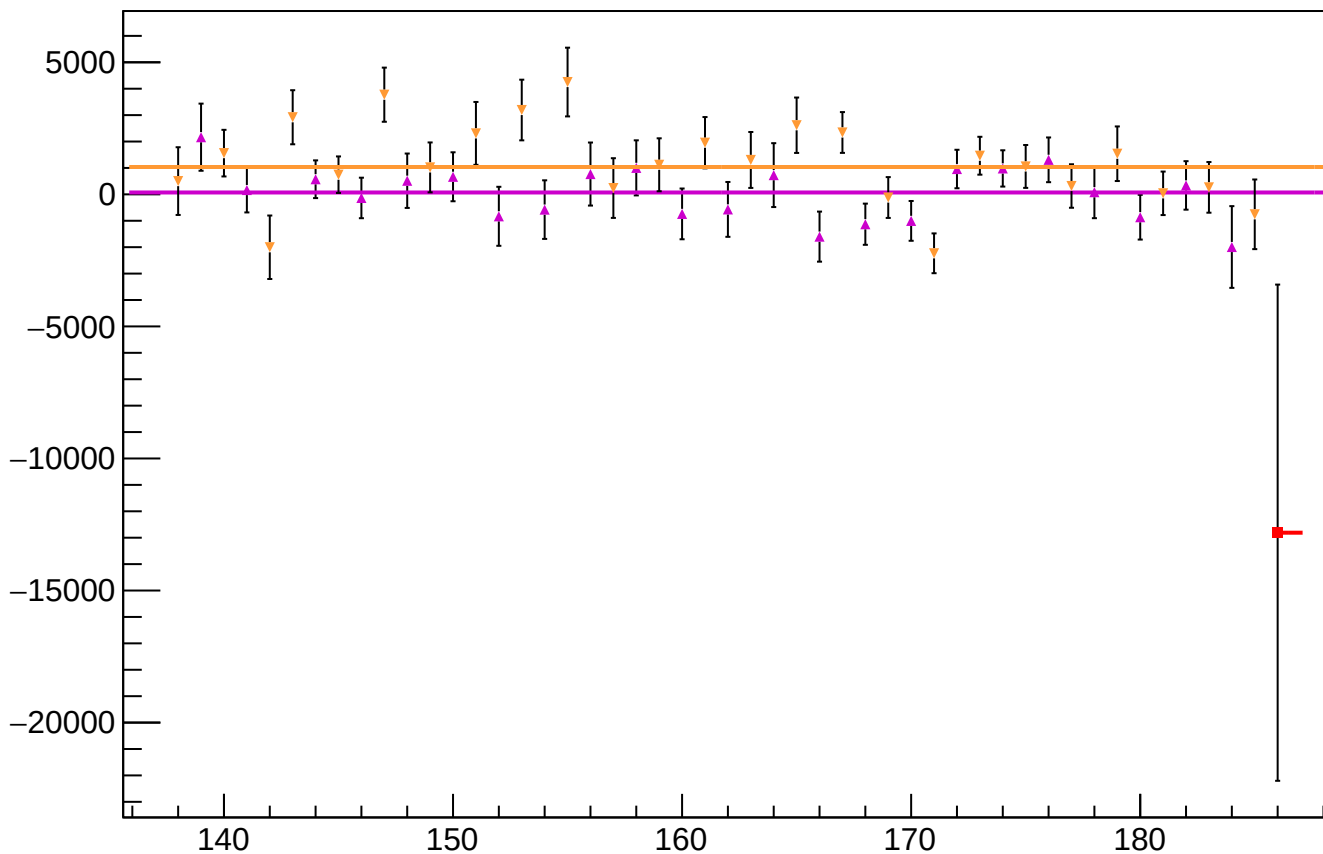
Left In: 773.111+/-0.132 χ^2/NDF :1041042.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.950+/-0.093 χ^2/NDF : 2754350.5/48

- sign 775.081+/-0.132 χ^2/NDF : 1596915.1/23

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1035.605 $\pm$ 187.244 χ^2 /NDF:61.4/24

Right Out: -12810.123 $\pm$ 9393.692 χ^2 /NDF: 0.0/0

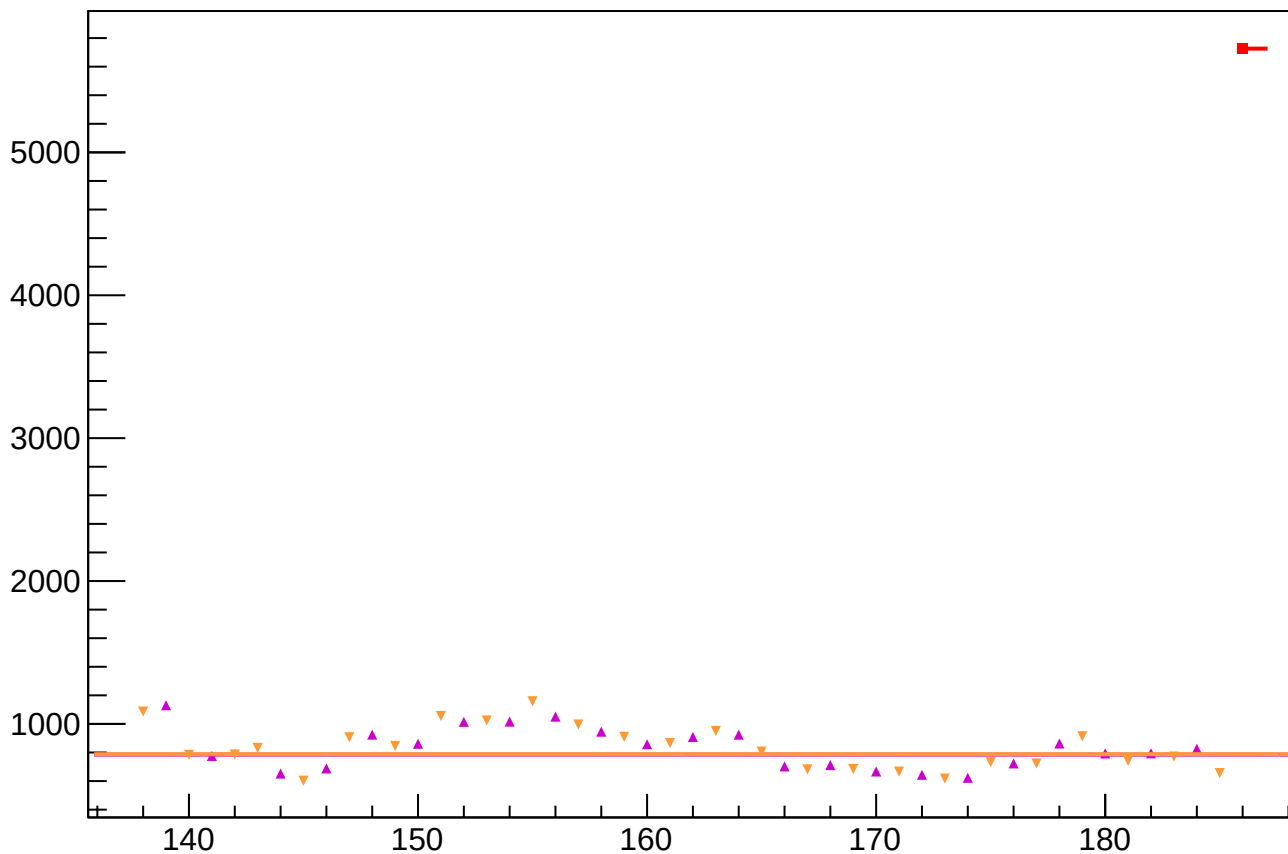
Left In: 70.852 $\pm$ 190.155 χ^2 /NDF:23.4/22

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

All: 557.975 $\pm$ 133.405 χ^2 /NDF: 99.8/48

- sign 65.575 $\pm$ 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

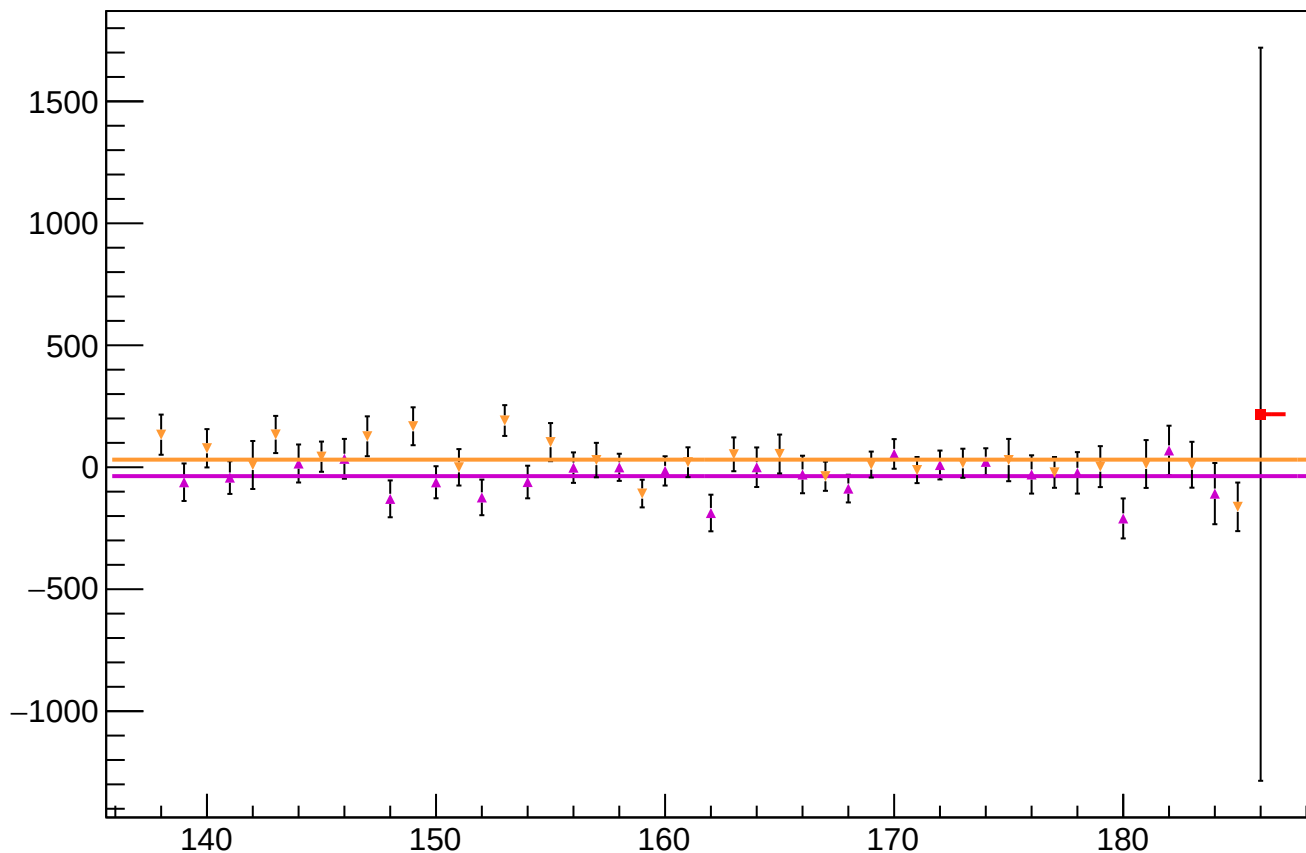
Left In: 785.179+/-0.134 χ^2/NDF :976942.0/22

+ 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 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 31.190 ± 14.134 χ^2/NDF : 28.8/24

Right Out: 217.347 ± 1502.705 χ^2/NDF : 0.0/0

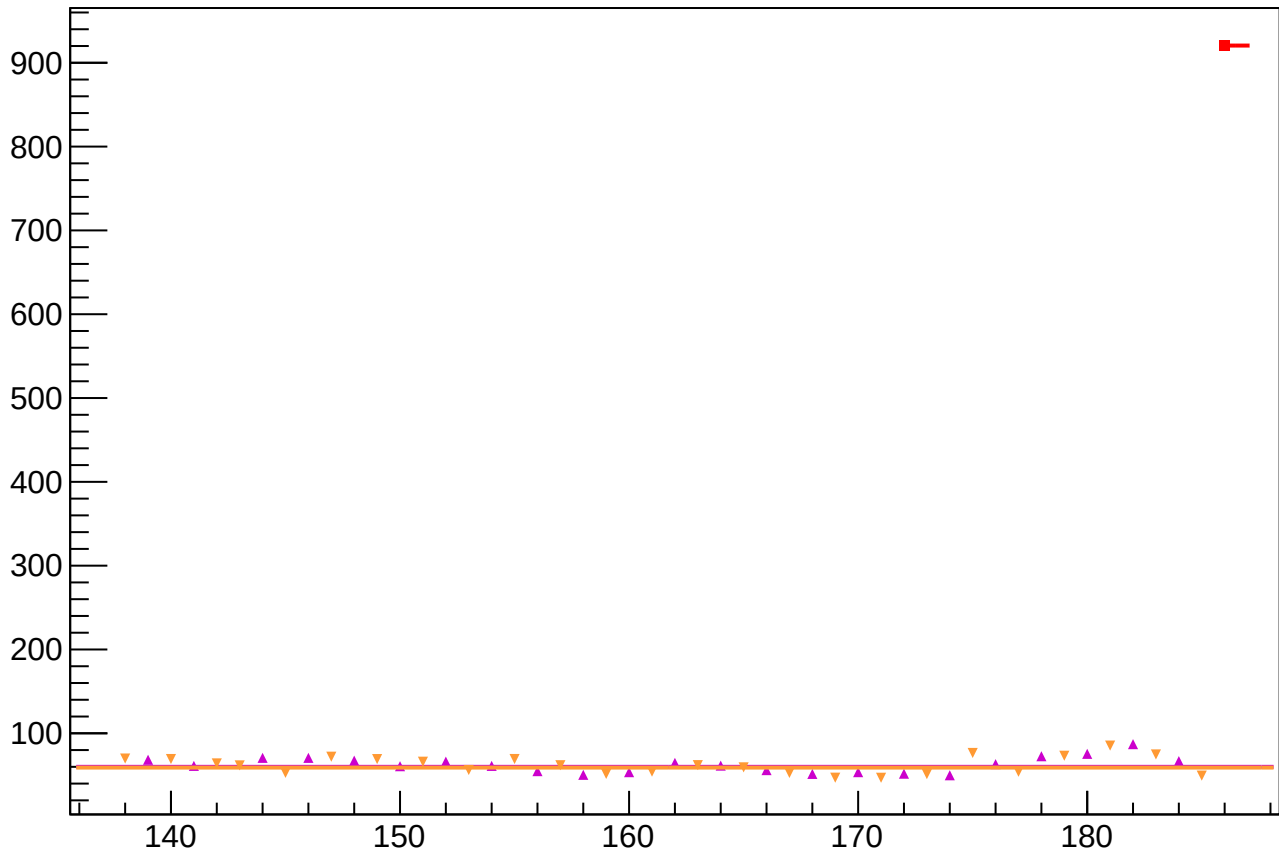
Left In: -36.408 ± 14.614 χ^2/NDF : 20.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.469 ± 10.160 χ^2/NDF : 60.2/48

- sign -36.384 ± 14.614 χ^2/NDF : 20.4/23

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 59.107 $\pm$ 0.010 χ^2 /NDF: 921617.5/24

Right Out: 920.537 $\pm$ 1.063 χ^2 /NDF: 0.0/0

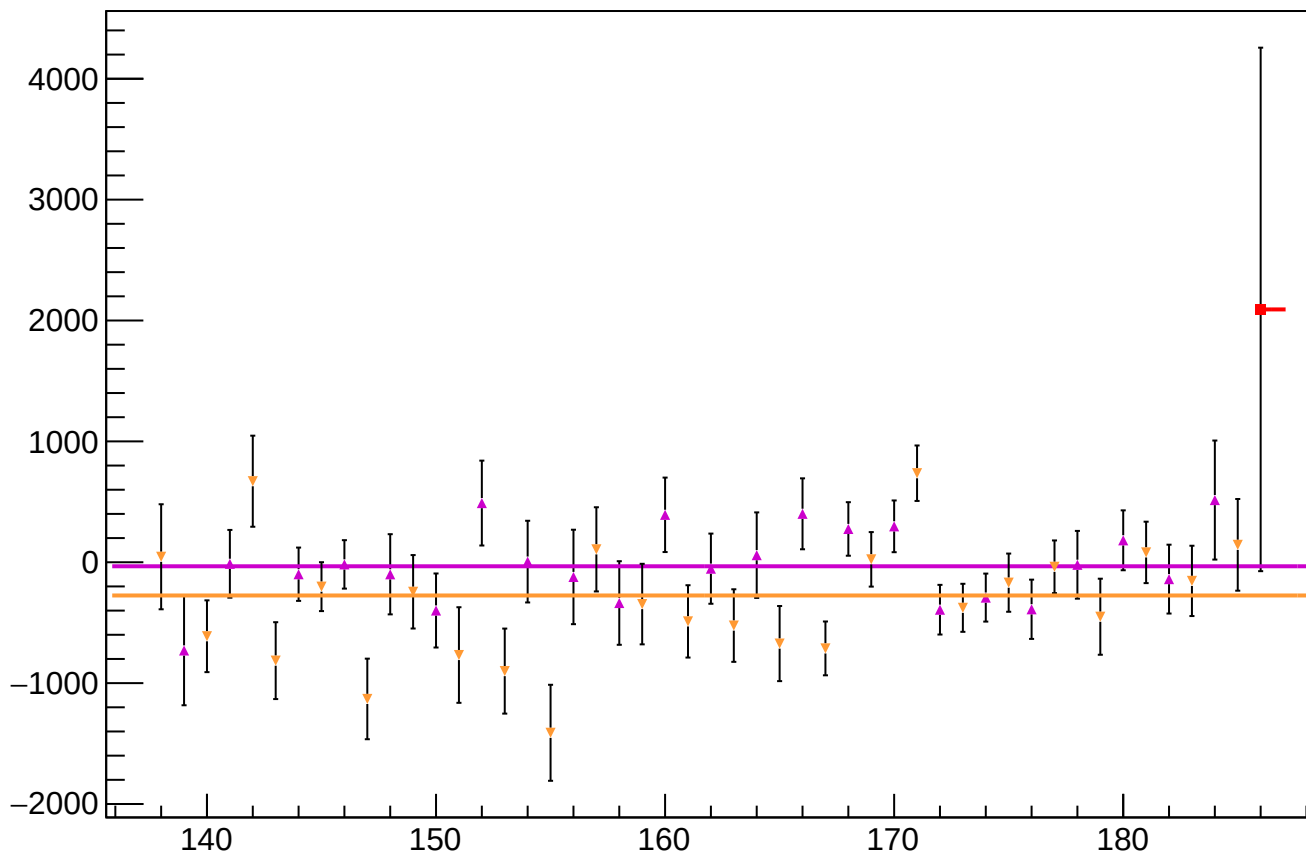
Left In: 59.978 $\pm$ 0.010 χ^2 /NDF: 677833.4/22

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

All: 59.567 $\pm$ 0.007 χ^2 /NDF: 2259689.1/48

- sign 60.059 $\pm$ 0.010 χ^2 /NDF: 1333681.4/23

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -274.844 $\pm$ 56.307 χ^2 /NDF: 65.1/24

Right Out: 2091.713 $\pm$ 2165.464 χ^2 /NDF: 0.0/0

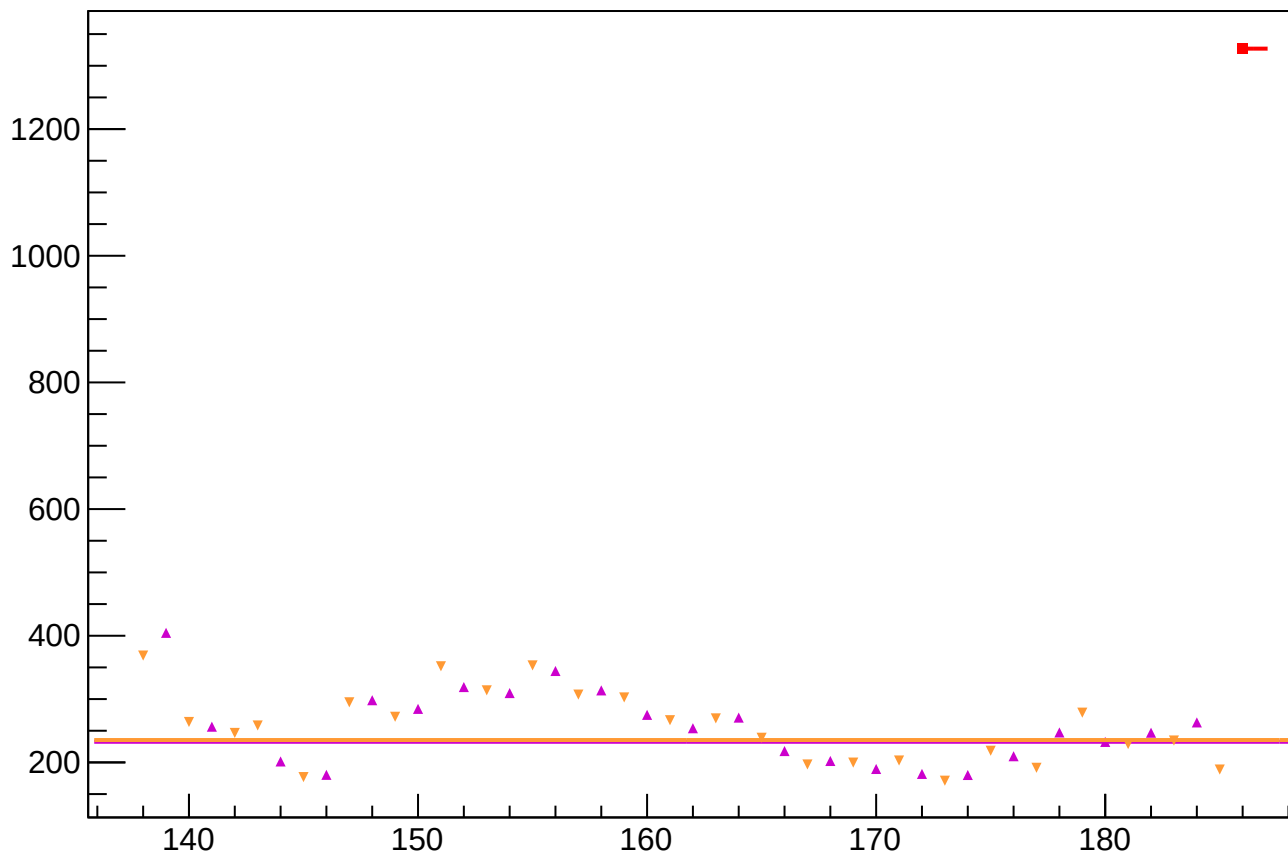
Left In: -33.239 $\pm$ 56.795 χ^2 /NDF: 24.5/22

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

All: -154.318 $\pm$ 39.980 χ^2 /NDF: 99.8/48

- sign -31.779 $\pm$ 56.776 χ^2 /NDF: 25.4/23

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 235.327+/-0.040 χ^2/NDF :1661988.9/24

Right Out: 1327.038+/-1.531 χ^2/NDF : 0.0/0

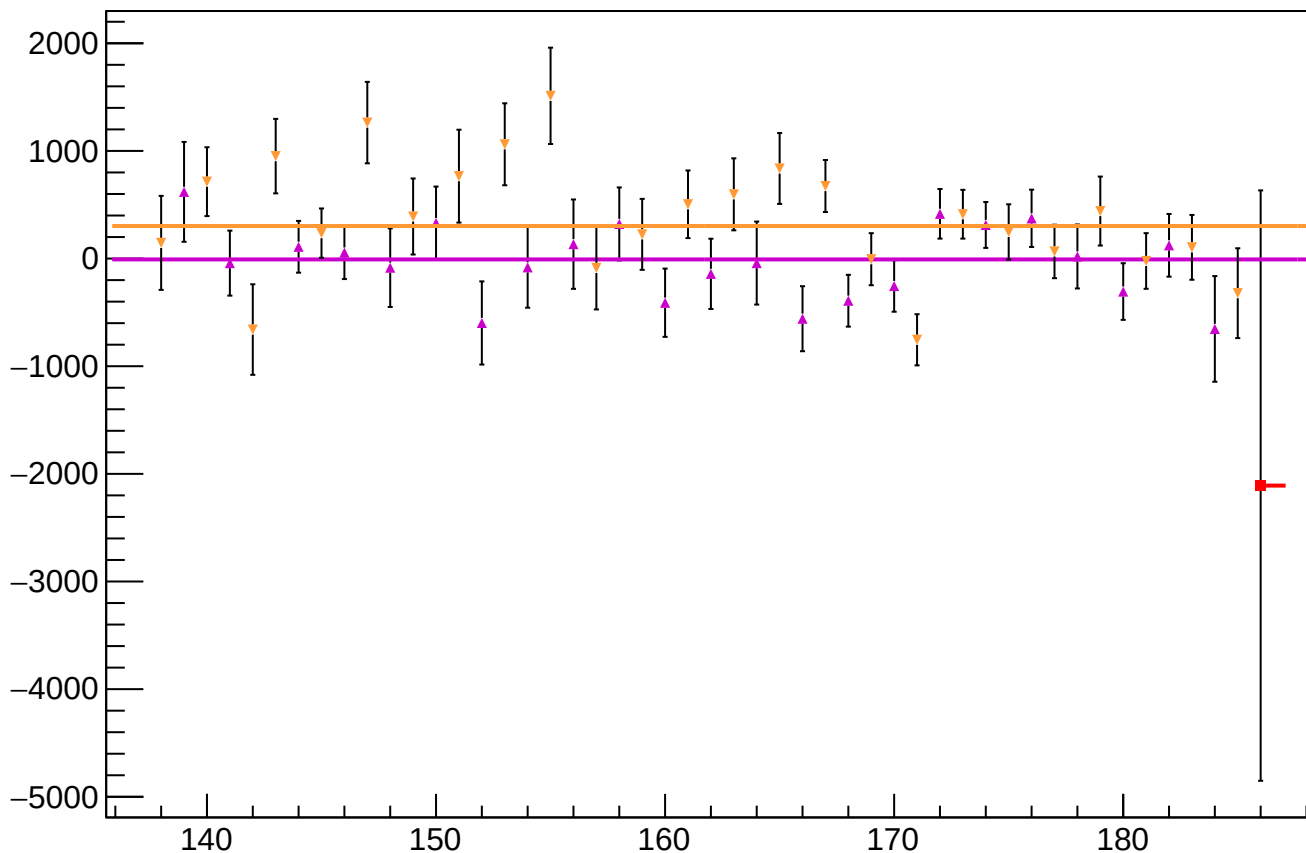
Left In: 232.577+/-0.040 χ^2/NDF :1604382.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.336+/-0.028 χ^2/NDF : 3778161.4/48

- sign 233.329+/-0.040 χ^2/NDF : 2114923.3/23

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

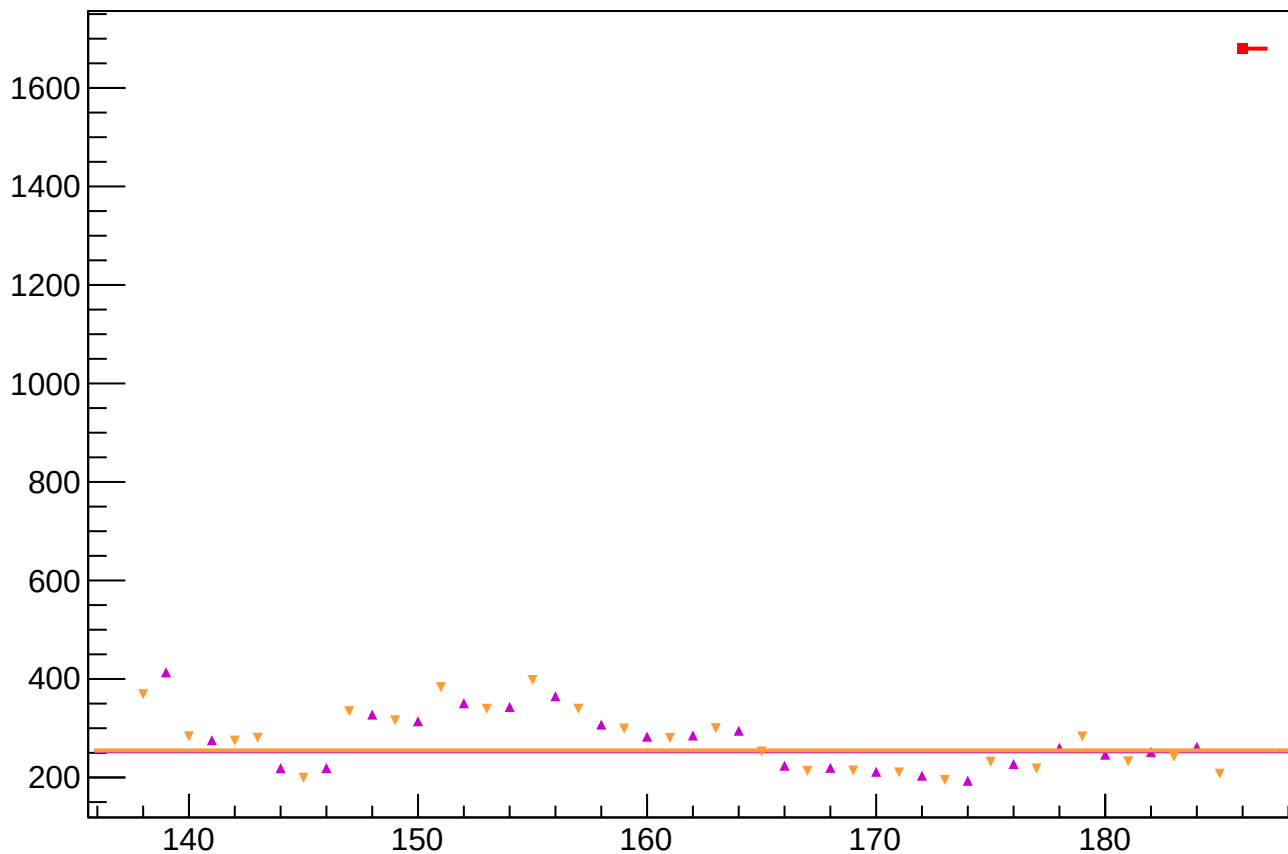
Left In: -7.915 $\pm$ 61.726 χ^2 /NDF: 26.3/22

+ 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

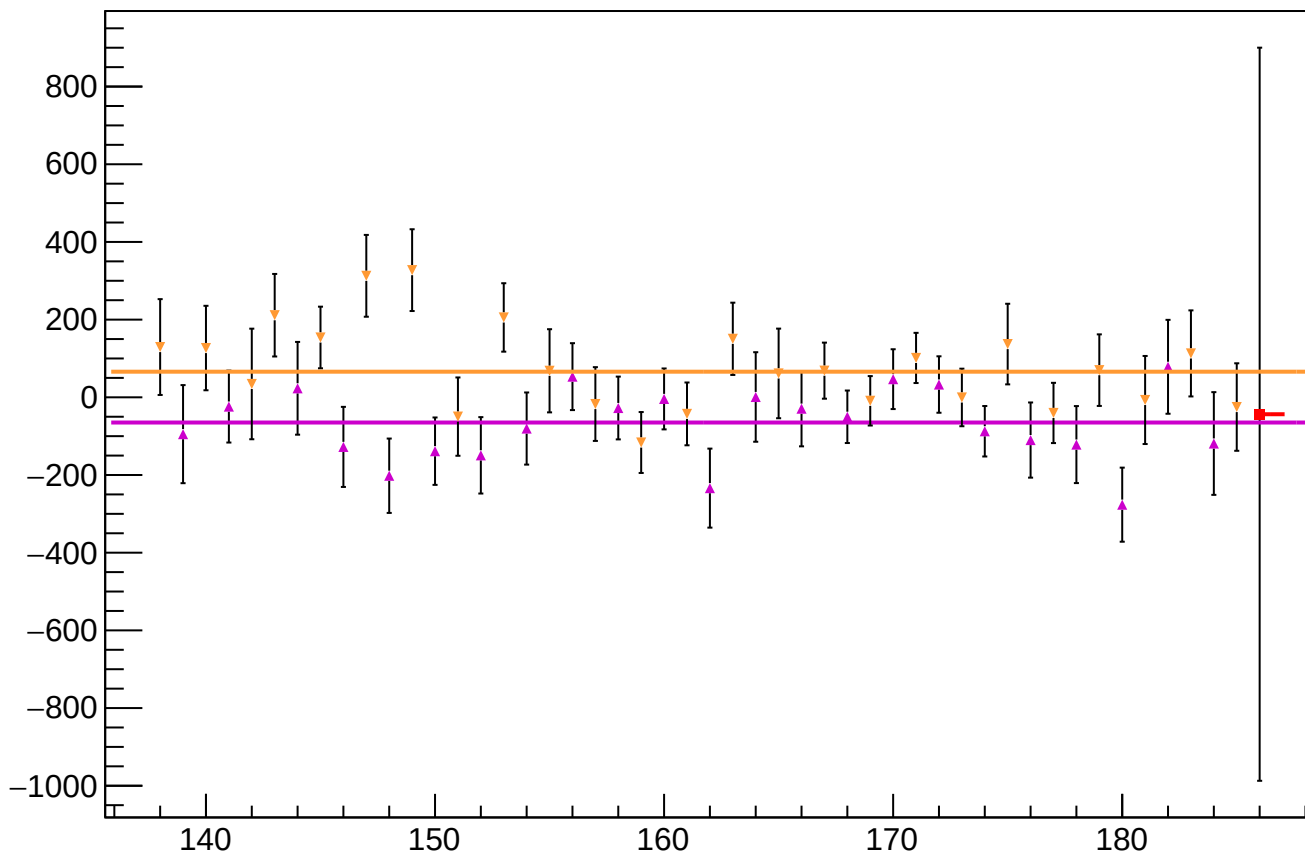
Left In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 65.969 $\pm$ 18.151 χ^2 /NDF:34.1/24

Right Out: -43.560 $\pm$ 943.697 χ^2 /NDF: 0.0/0

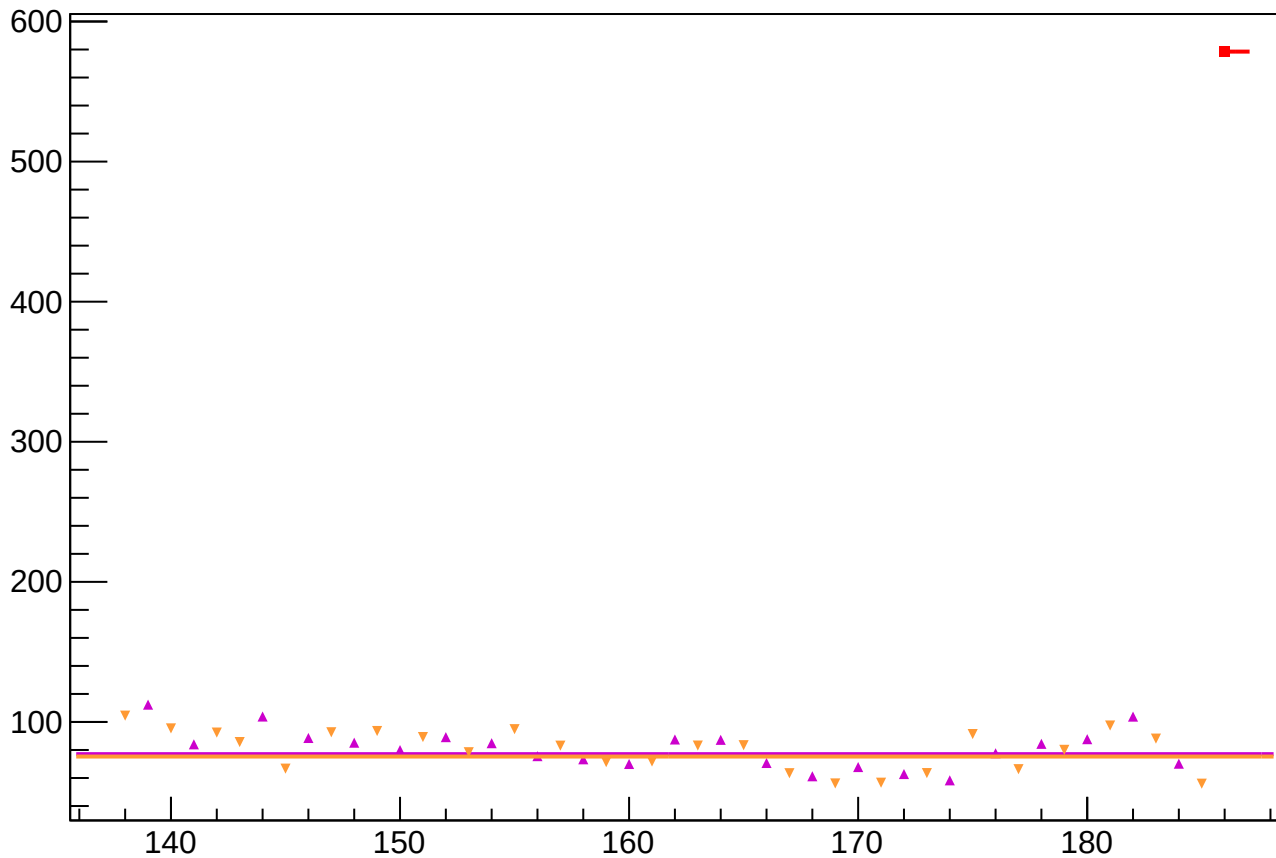
Left In: -64.899 $\pm$ 18.925 χ^2 /NDF:21.7/22

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

All: 3.257 $\pm$ 13.098 χ^2 /NDF: 80.8/48

- sign -64.891 $\pm$ 18.921 χ^2 /NDF: 21.7/23

dit_asym_sam_3726_avg_rms vs Slug



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

Left Out: 75.312 $\pm$ 0.013 χ^2 /NDF:1216847.1/24

Right Out: 578.509 $\pm$ 0.667 χ^2 /NDF: 0.0/0

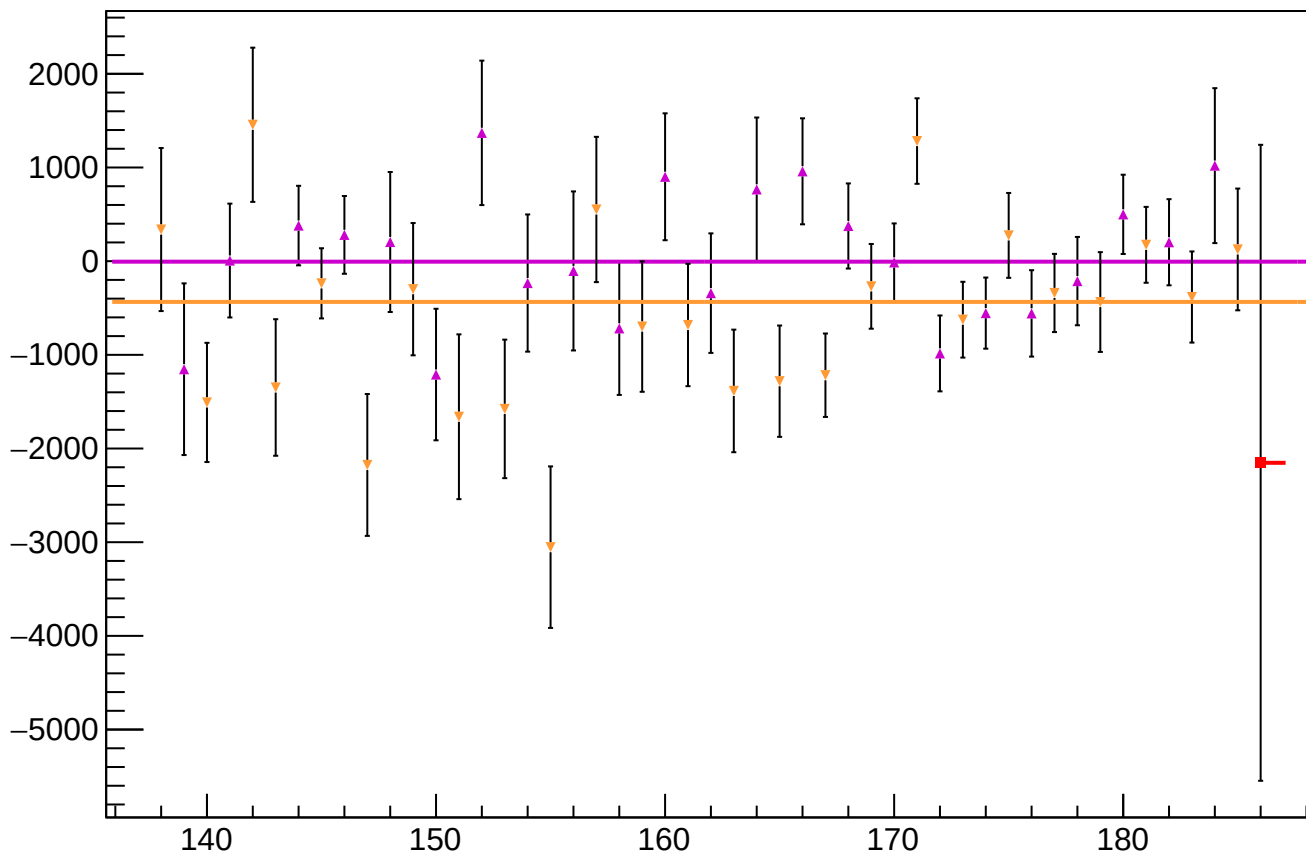
Left In: 77.021 $\pm$ 0.013 χ^2 /NDF:941637.3/22

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

All: 76.228 $\pm$ 0.009 χ^2 /NDF: 2733672.8/48

- sign 77.223 $\pm$ 0.013 χ^2 /NDF: 1506198.2/23

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -434.815 $\pm$ 110.841 χ^2 /NDF: 58.8/24

Right Out: -2152.501 $\pm$ 3394.613 χ^2 /NDF: 0.0/0

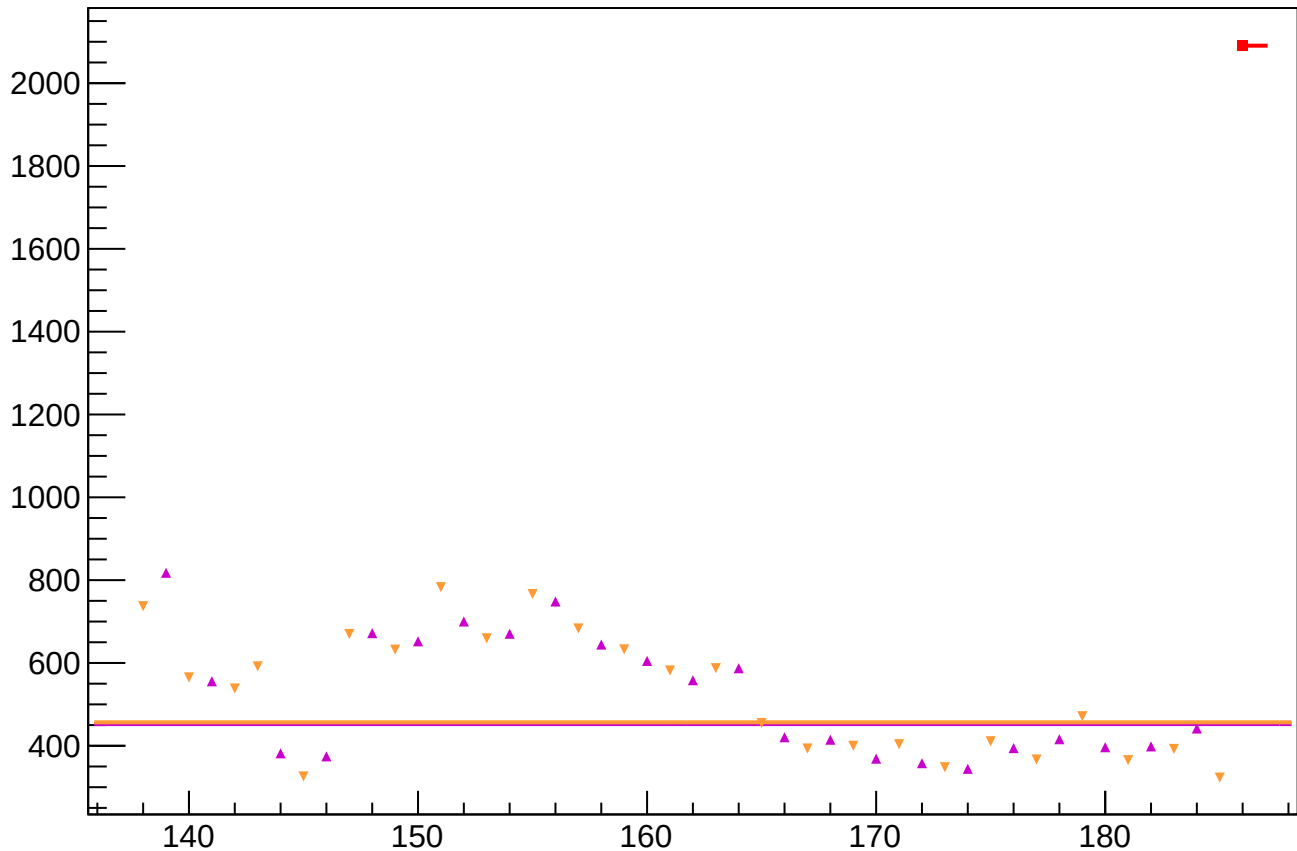
Left In: -5.353 $\pm$ 111.755 χ^2 /NDF: 29.6/22

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

All: -222.885 $\pm$ 78.676 χ^2 /NDF: 96.2/48

- sign -7.677 $\pm$ 111.695 χ^2 /NDF: 30.0/23

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 456.743+/-0.078 χ^2/NDF : 2593665.9/24

Right Out: 2090.616+/-2.400 χ^2/NDF : 0.0/0

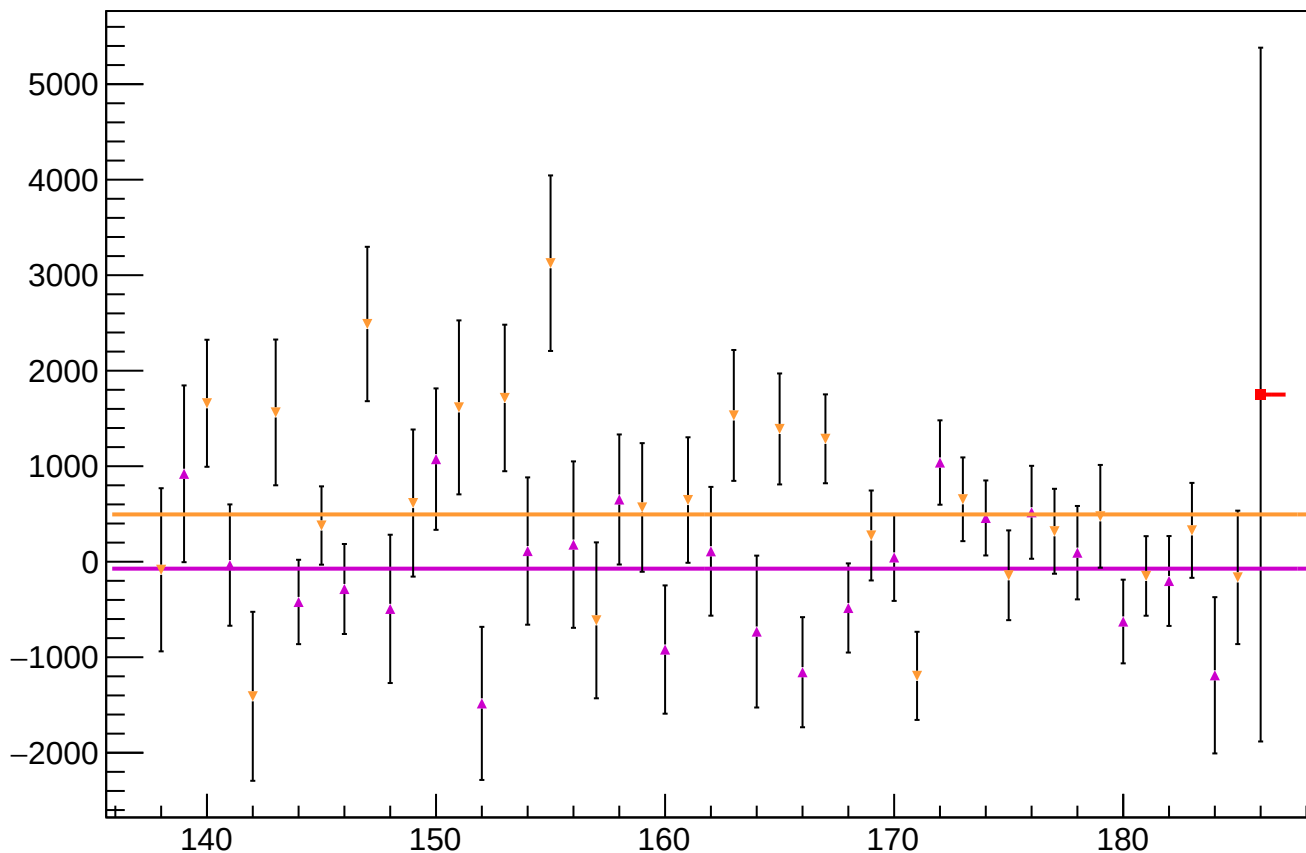
Left In: 452.439+/-0.079 χ^2/NDF : 2305796.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.488+/-0.056 χ^2/NDF : 5365245.0/48

- sign 454.213+/-0.079 χ^2/NDF : 2771061.9/23

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

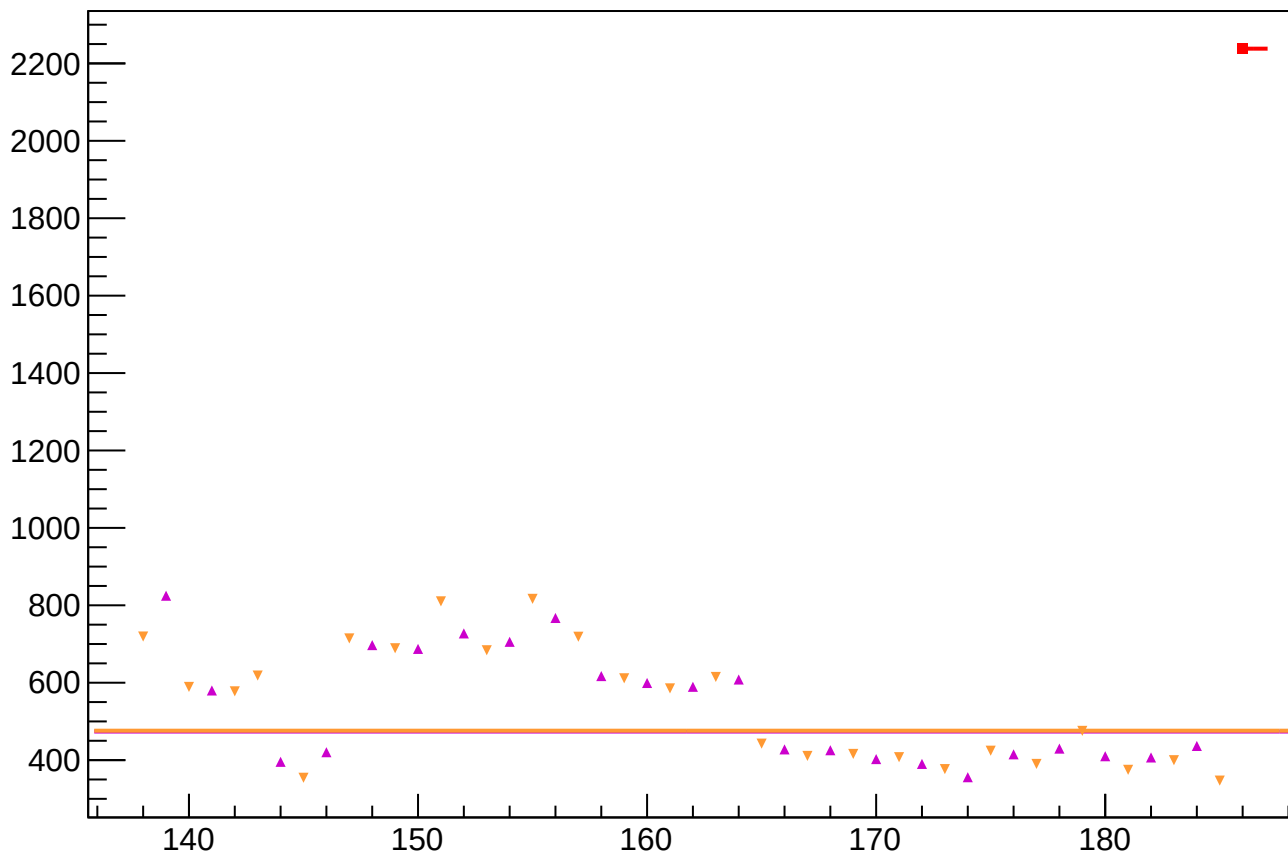
Left In: -72.627+/-116.927 χ^2/NDF : 29.1/22

+ 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

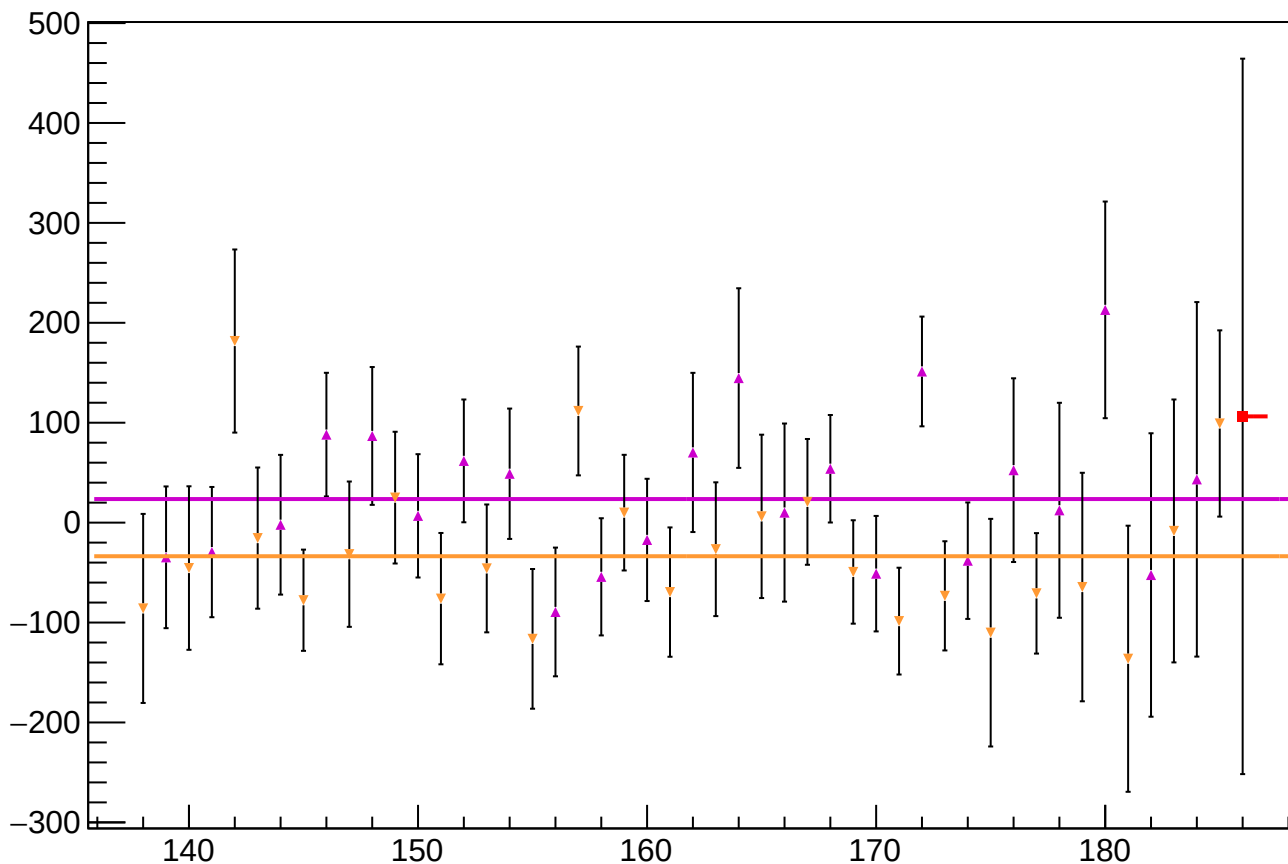
Left In: 473.824+/-0.083 χ^2/NDF :2113753.1/22

+ 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: -33.628 $\pm$ 13.882 χ^2 /NDF:21.9/24

Right Out: 106.329 $\pm$ 358.021 χ^2 /NDF: 0.0/0

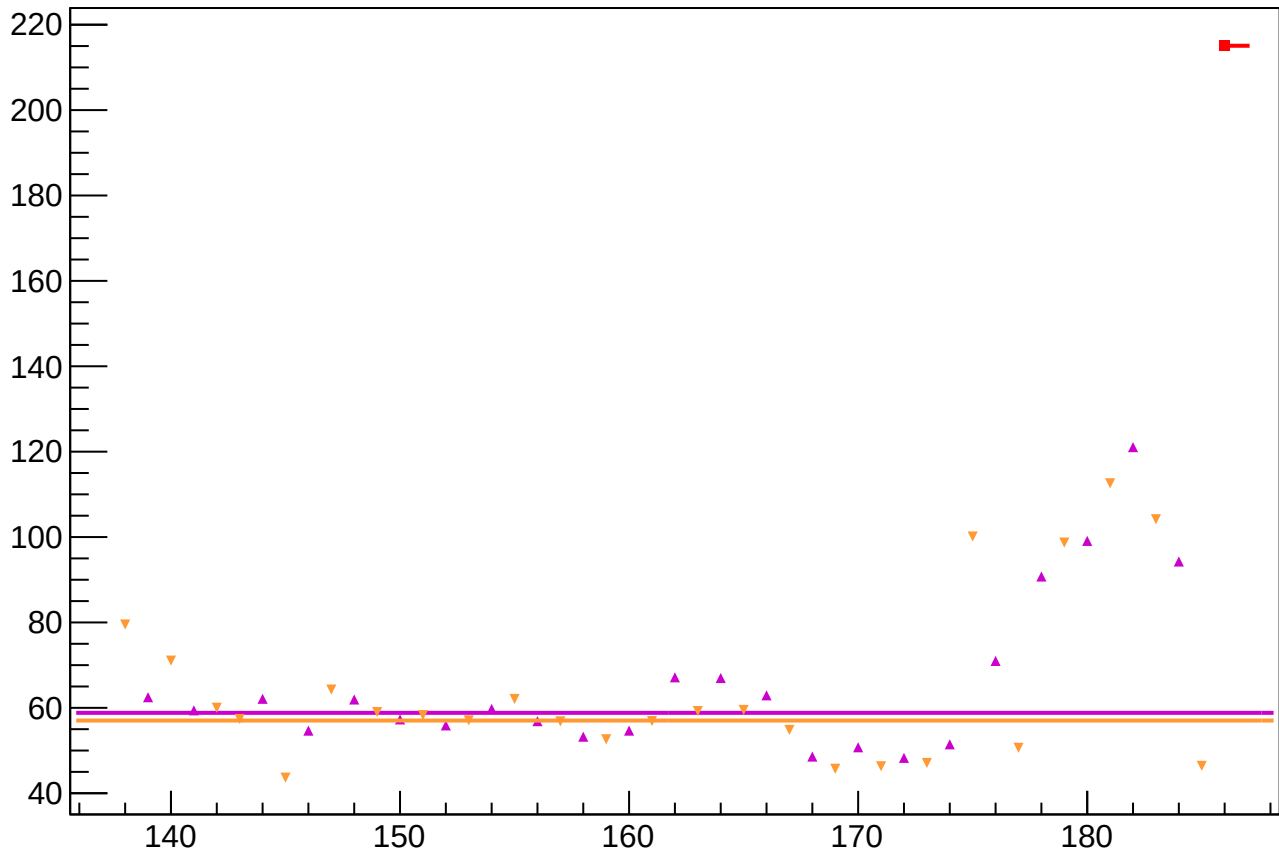
Left In: 23.597 $\pm$ 14.554 χ^2 /NDF:23.5/22

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

All: -6.279 $\pm$ 10.041 χ^2 /NDF: 53.6/48

- sign 23.734 $\pm$ 14.542 χ^2 /NDF: 23.5/23

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 57.026+/-0.010 χ^2/NDF : 1811574.8/24

Right Out: 215.071+/-0.253 χ^2/NDF : 0.0/0

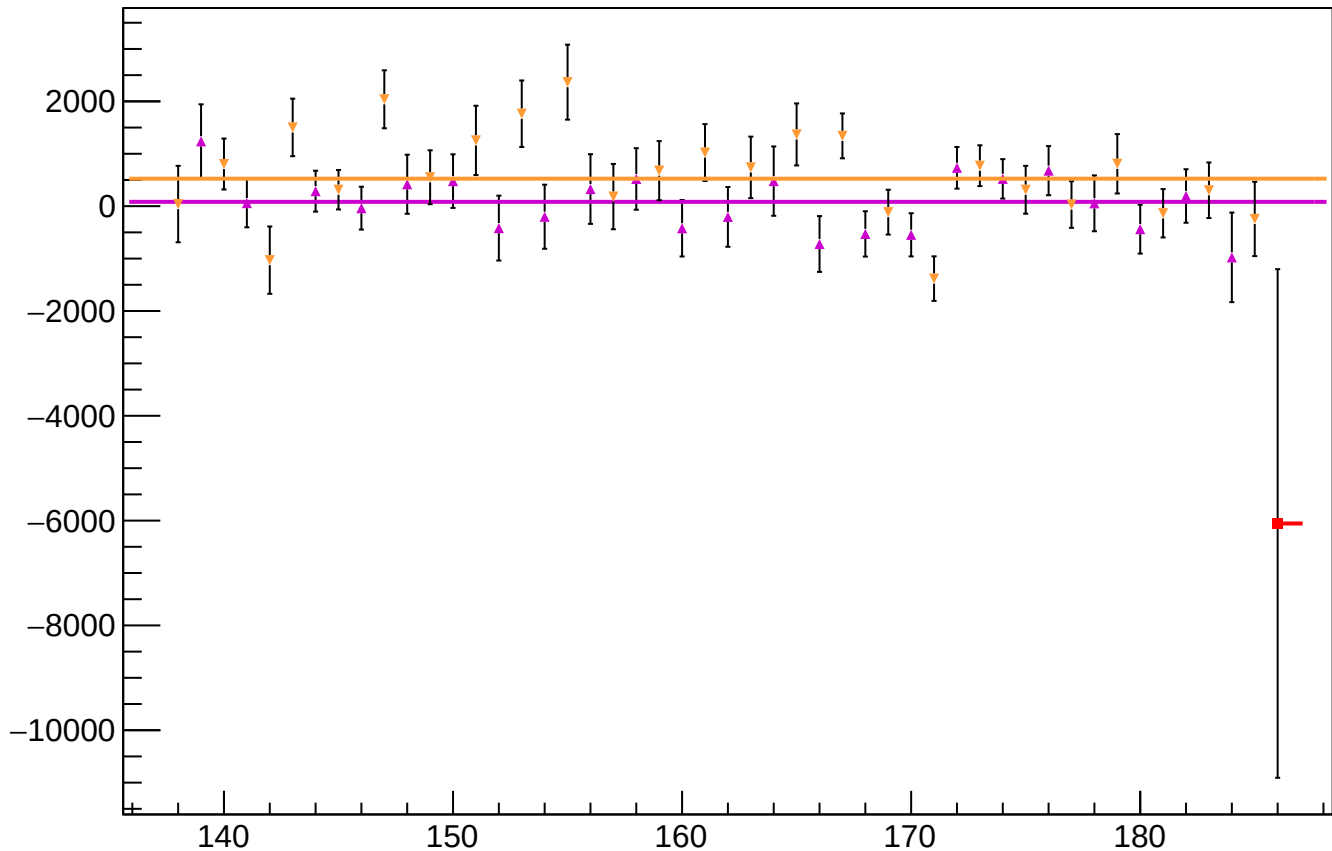
Left In: 58.829+/-0.010 χ^2/NDF : 1270108.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.008+/-0.007 χ^2/NDF : 3482976.8/48

- sign 59.087+/-0.010 χ^2/NDF : 1650376.4/23

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 524.503 $\pm$ 103.237 χ^2 /NDF: 64.2/24

Right Out: -6054.998 $\pm$ 4852.878 χ^2 /NDF: 0.0/0

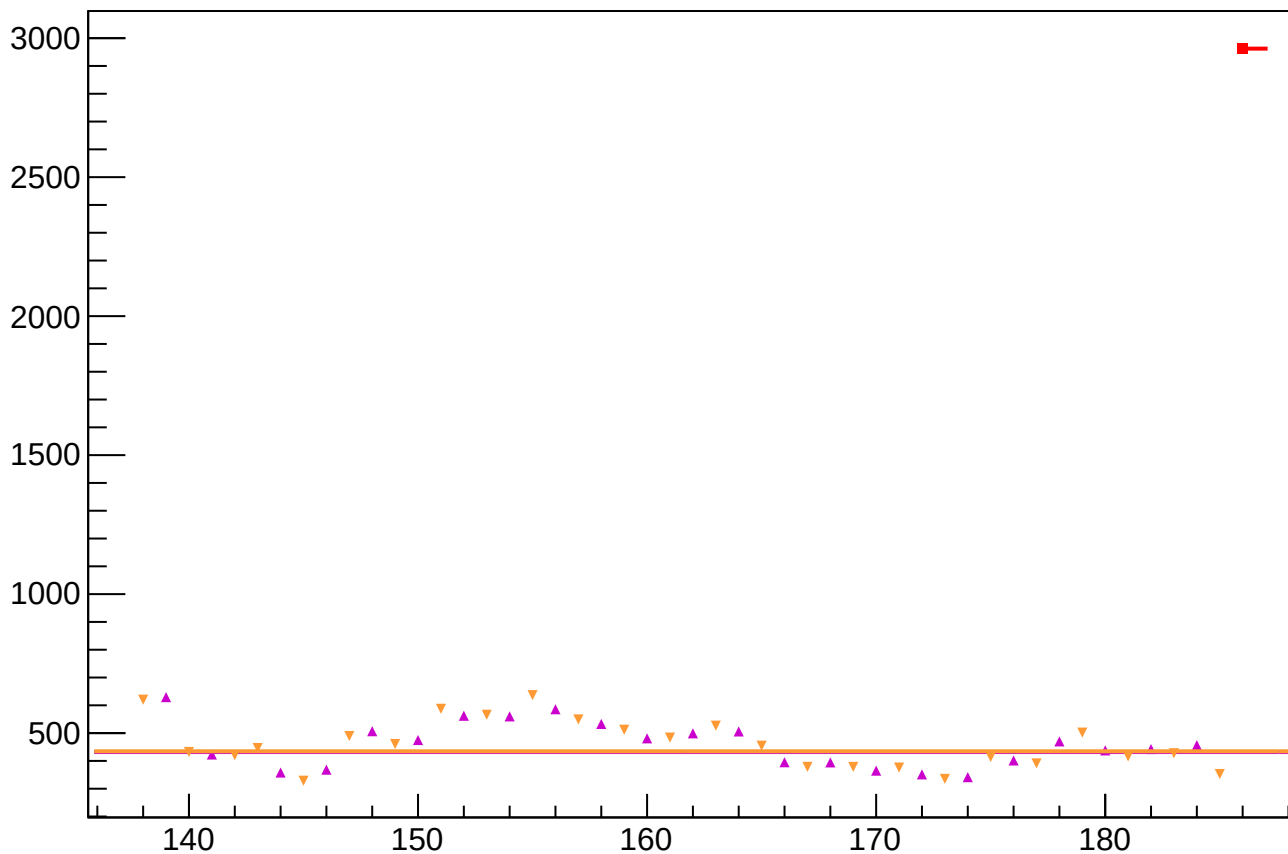
Left In: 82.501 $\pm$ 104.550 χ^2 /NDF: 22.1/22

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

All: 304.837 $\pm$ 73.451 χ^2 /NDF: 97.1/48

- sign 79.654 $\pm$ 104.525 χ^2 /NDF: 23.7/23

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 434.656 $\pm$ 0.073 χ^2 /NDF:1158526.1/24

Right Out: 2962.355 $\pm$ 3.432 χ^2 /NDF: 0.0/0

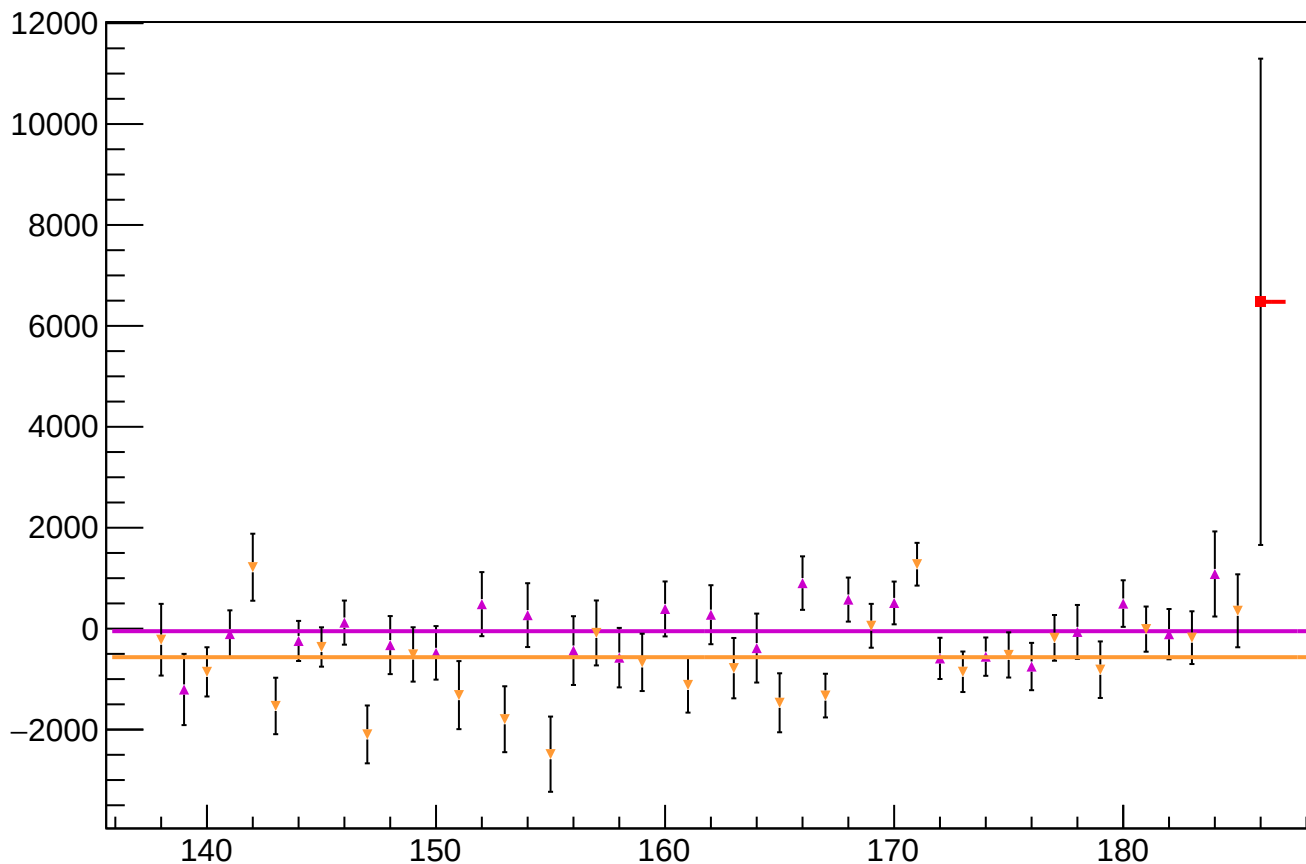
Left In: 431.889 $\pm$ 0.074 χ^2 /NDF:1034822.9/22

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

All: 433.870 $\pm$ 0.052 χ^2 /NDF: 2737123.0/48

- sign 433.063 $\pm$ 0.074 χ^2 /NDF: 1578361.8/23

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

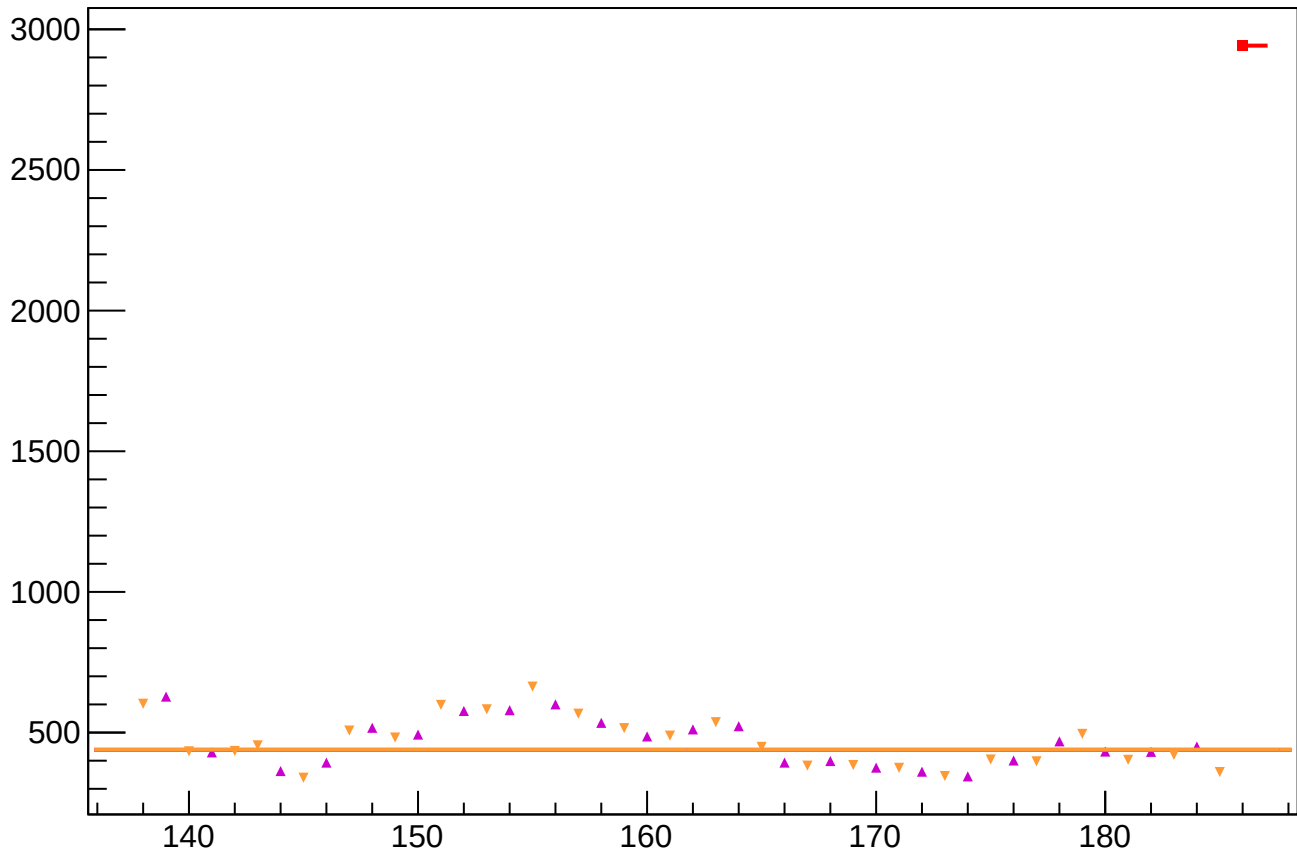
Left In: -50.387 $\pm$ 106.218 χ^2 /NDF:23.3/22

+ 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

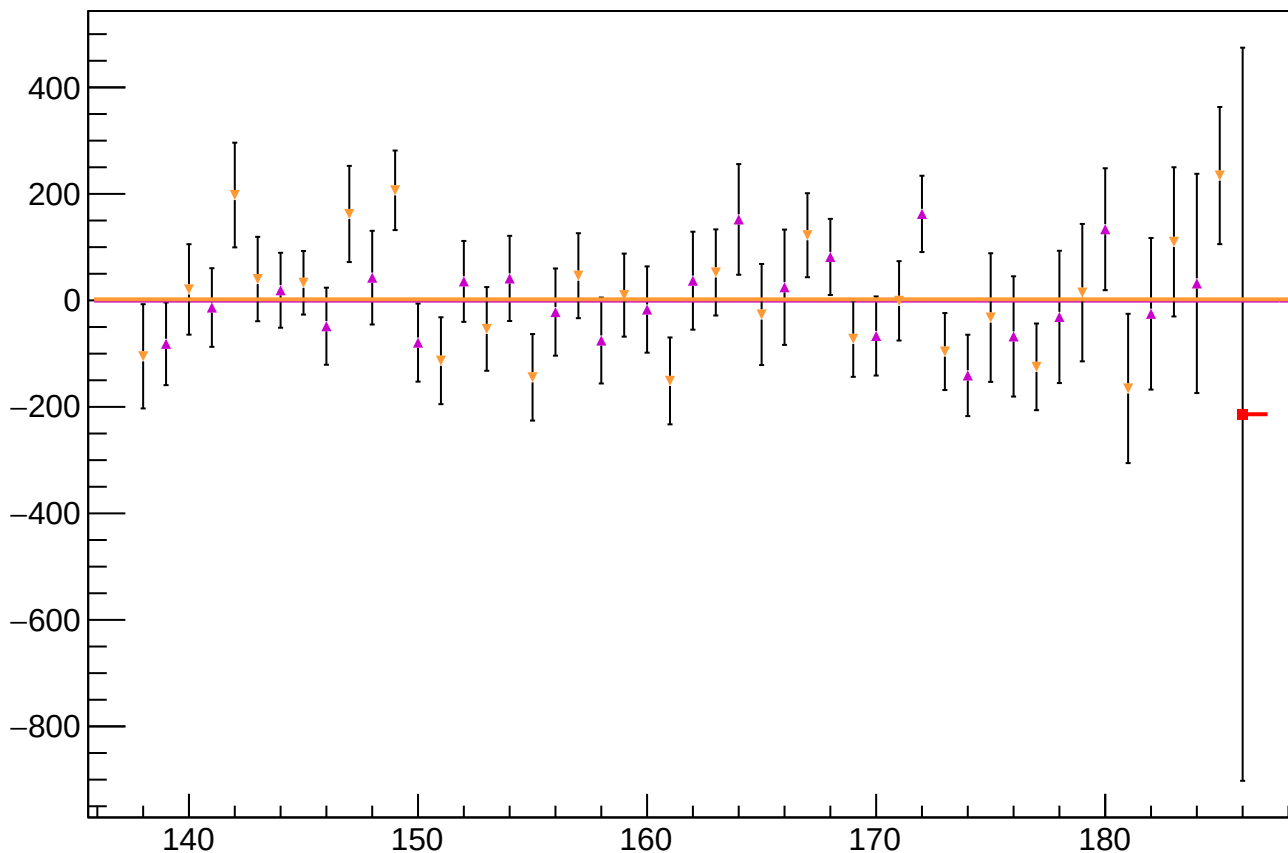
Left In: 438.365+/-0.075 χ^2/NDF : 1024661.1/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1.968 $\pm$ 17.008 χ^2 /NDF:39.5/24

Right Out: -213.793 $\pm$ 688.393 χ^2 /NDF: 0.0/0

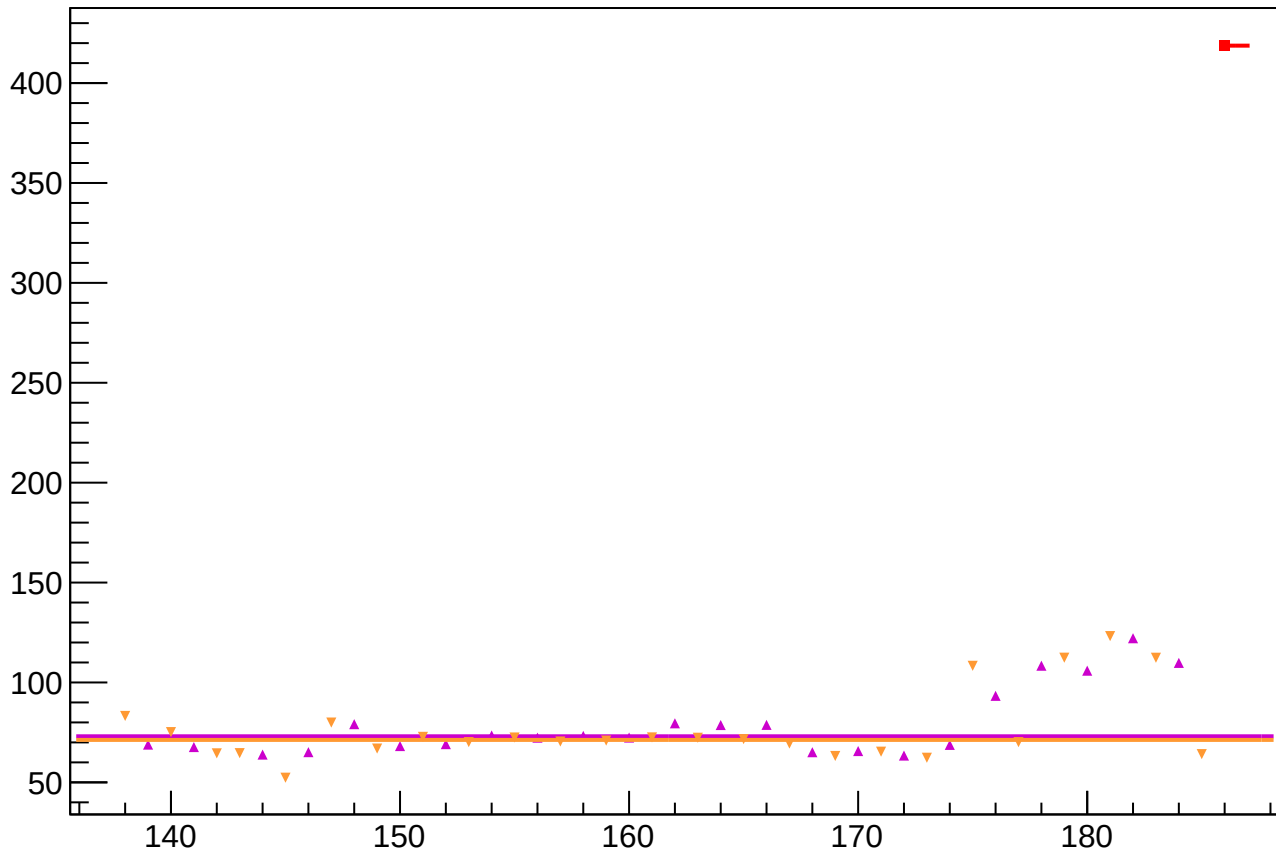
Left In: -0.361 $\pm$ 17.751 χ^2 /NDF:19.4/22

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

All: 0.785 $\pm$ 12.279 χ^2 /NDF: 59.0/48

- sign -0.503 $\pm$ 17.745 χ^2 /NDF: 19.5/23

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 71.245 $\pm$ 0.012 χ^2 /NDF:1200712.1/24

Right Out: 418.736 $\pm$ 0.487 χ^2 /NDF: 0.0/0

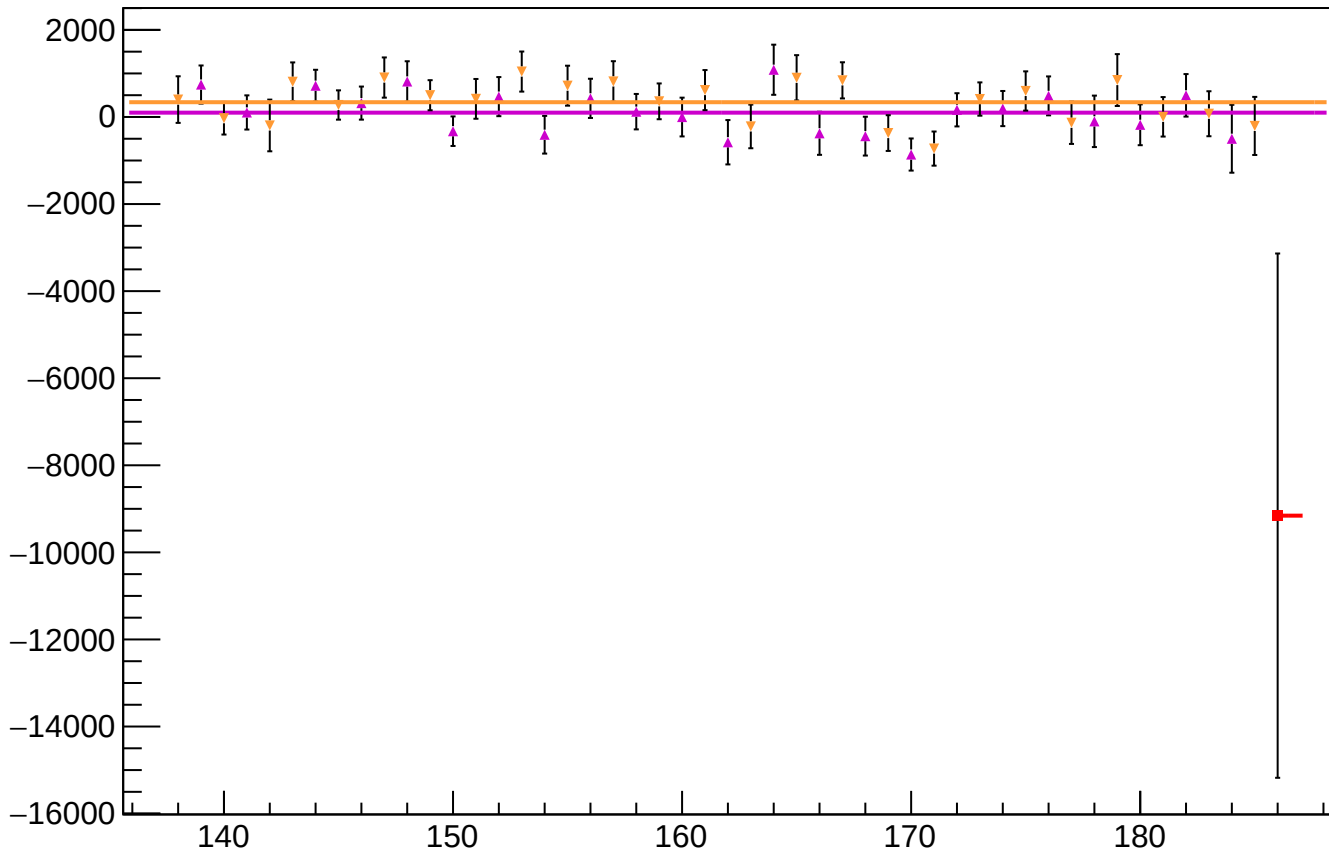
Left In: 73.060 $\pm$ 0.013 χ^2 /NDF:899002.7/22

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

All: 72.224 $\pm$ 0.009 χ^2 /NDF: 2617525.7/48

- sign 73.289 $\pm$ 0.013 χ^2 /NDF: 1402976.4/23

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 339.093 ± 89.261 χ^2/NDF : 26.9/24

Right Out: -9156.702 ± 6020.904 χ^2/NDF : 0.0/0

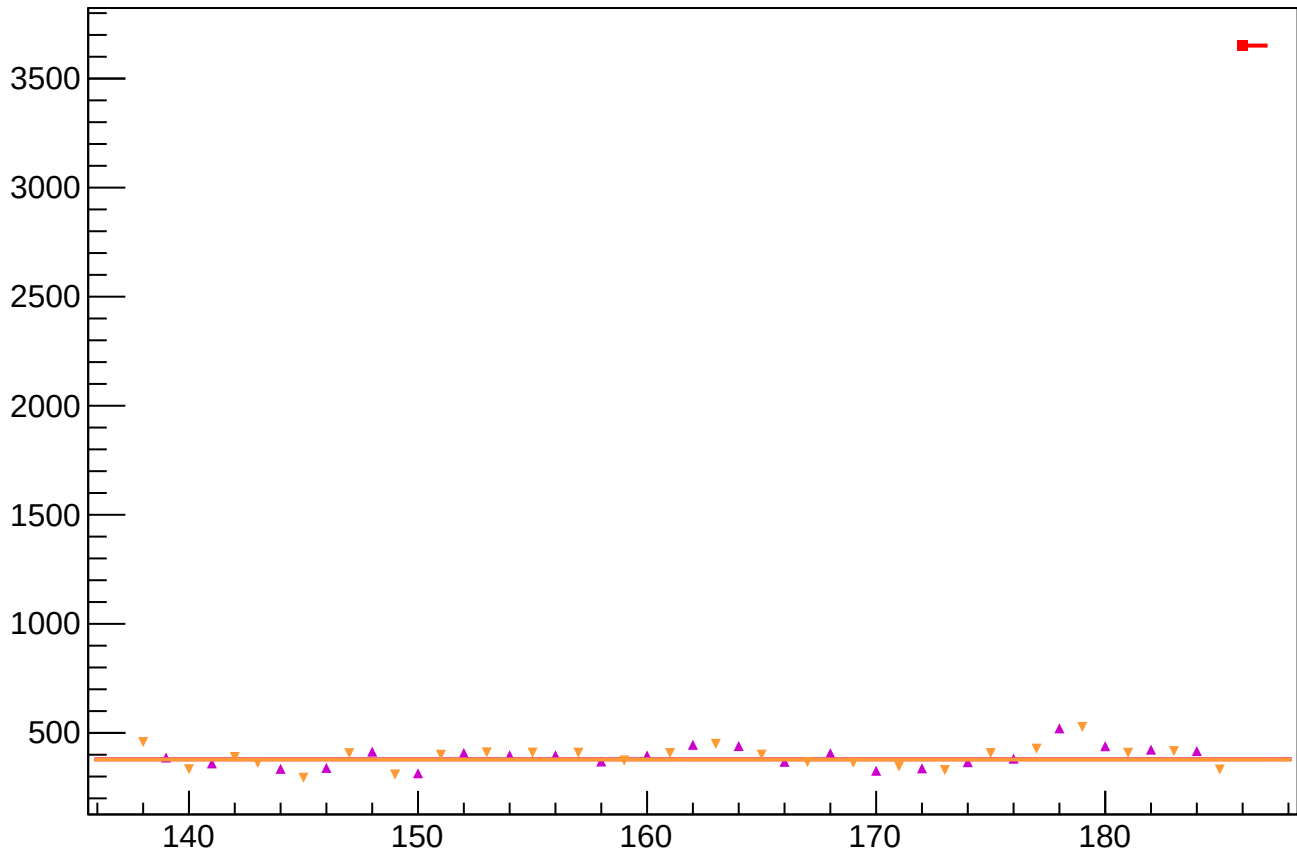
Left In: 99.003 ± 91.148 χ^2/NDF : 28.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 220.506 ± 63.770 χ^2/NDF : 61.2/48

- sign 96.882 ± 91.137 χ^2/NDF : 30.8/23

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 378.284+/-0.063 χ^2/NDF : 606236.5/24

Right Out: 3651.091+/-4.257 χ^2/NDF : 0.0/0

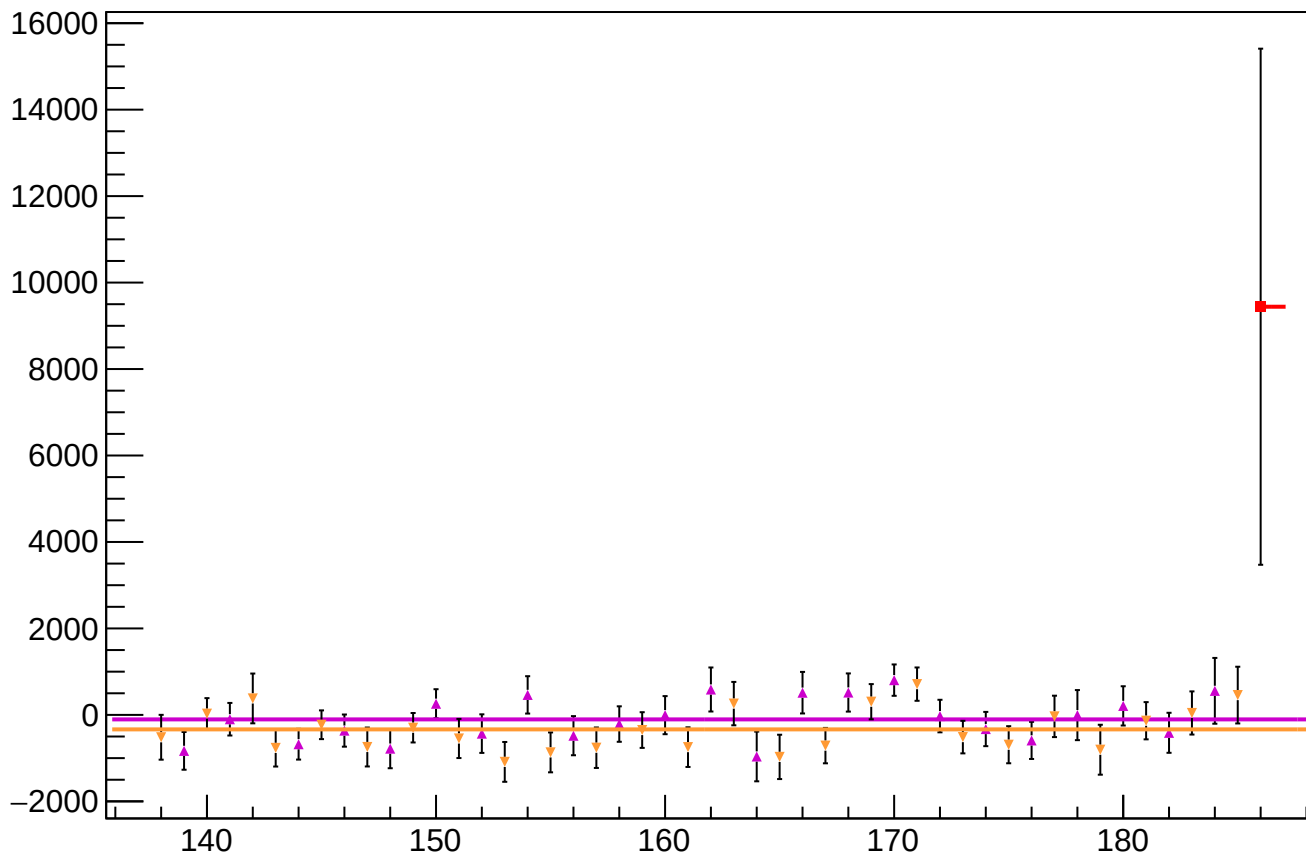
Left In: 379.293+/-0.064 χ^2/NDF : 458625.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.145+/-0.045 χ^2/NDF : 1655688.3/48

- sign 380.042+/-0.064 χ^2/NDF : 1049071.9/23

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

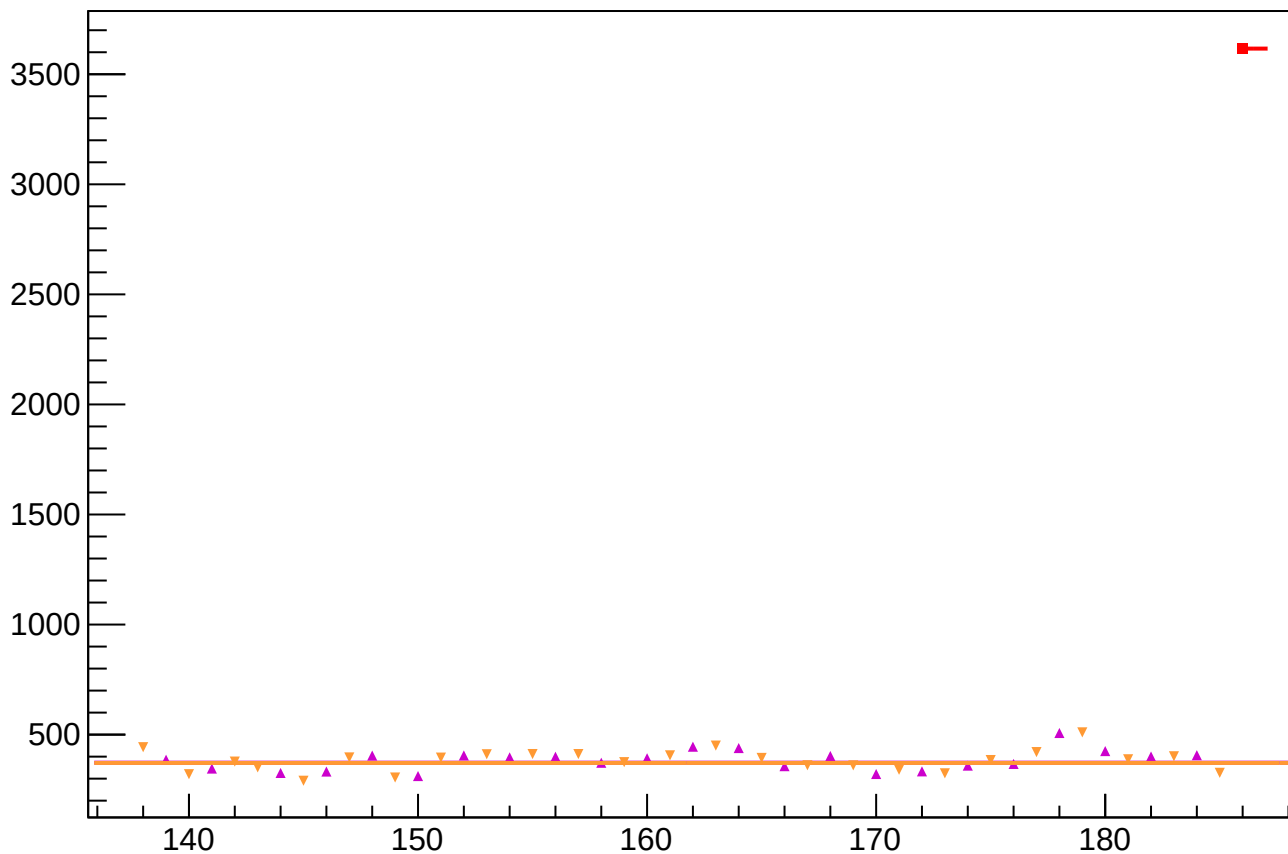
Left In: -104.117 $\pm$ 89.613 χ^2 /NDF:29.7/22

+ 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

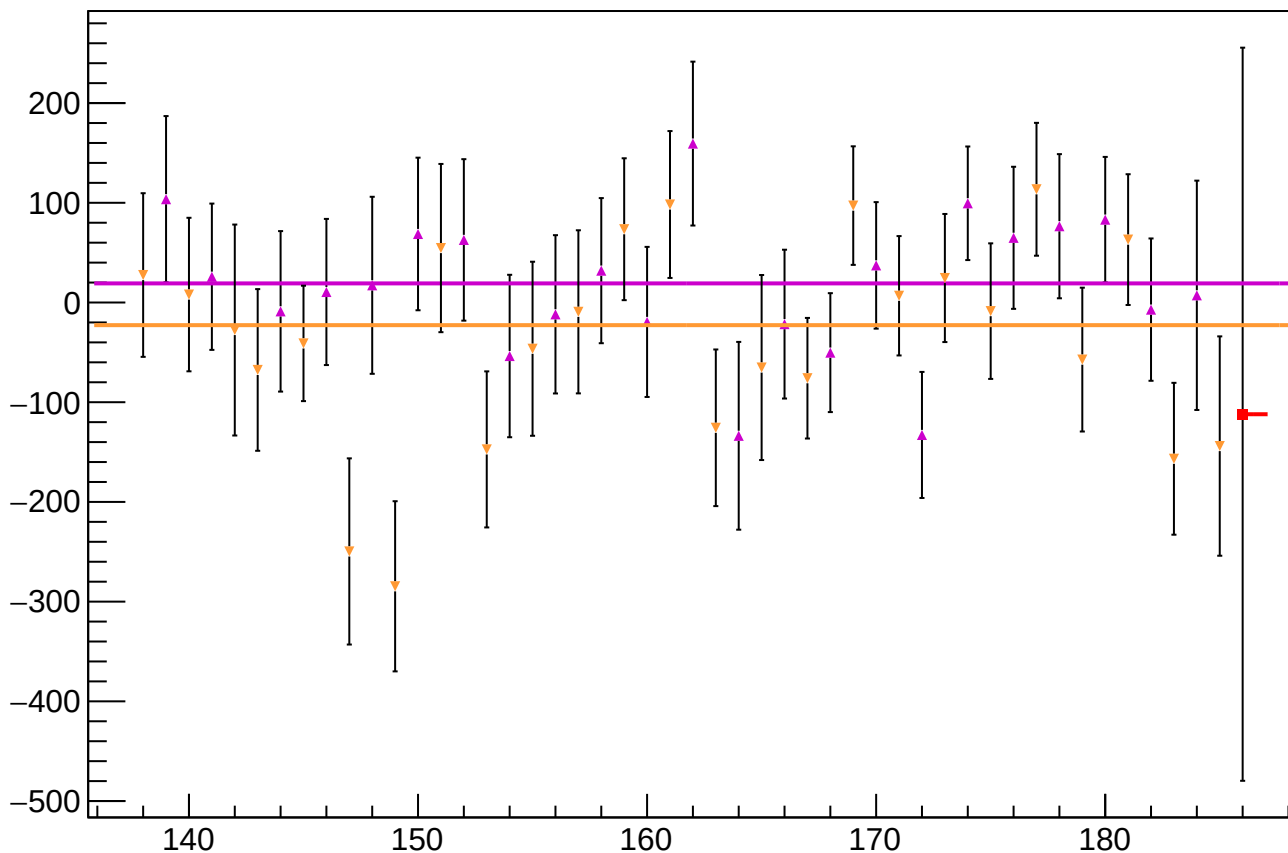
Left In: 372.574+/-0.063 χ^2/NDF : 464397.2/22

+ 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 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -22.721 ± 14.820 χ^2/NDF : 42.3/24

Right Out: -112.059 ± 367.634 χ^2/NDF : 0.0/0

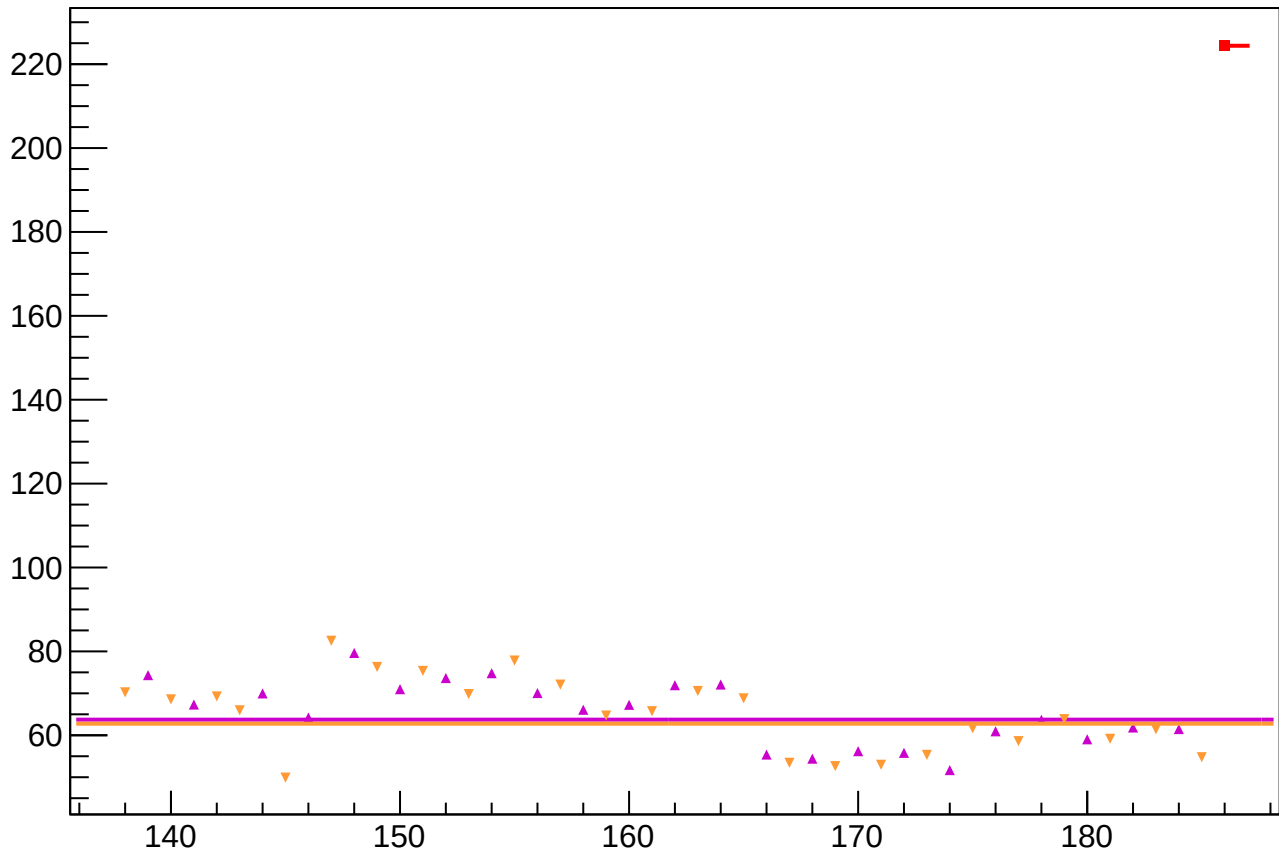
Left In: 19.165 ± 15.363 χ^2/NDF : 20.4/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.624 ± 10.661 χ^2/NDF : 66.6/48

- sign 18.936 ± 15.350 χ^2/NDF : 20.5/23

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 62.760+/-0.010 χ^2/NDF : 668235.6/24

Right Out: 224.391+/-0.260 χ^2/NDF : 0.0/0

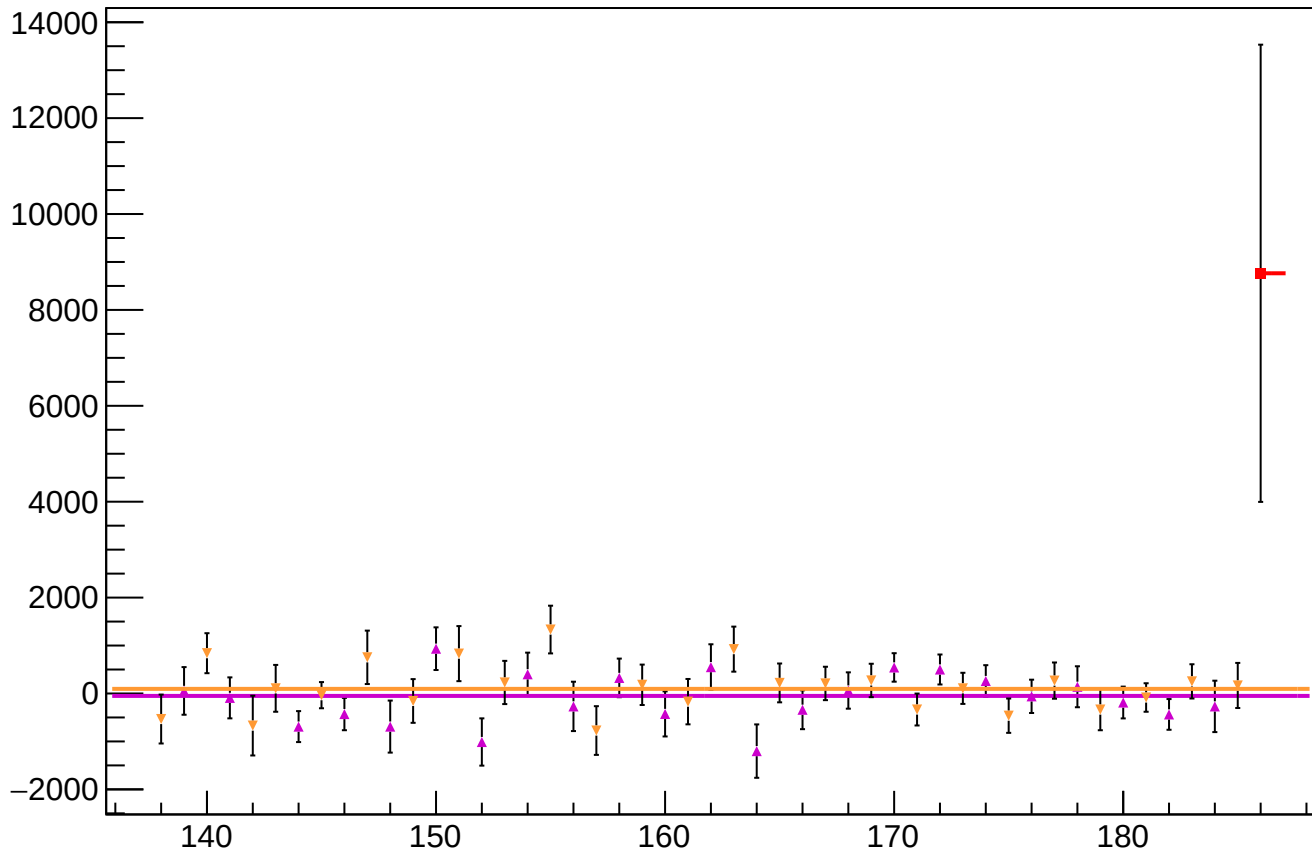
Left In: 63.726+/-0.011 χ^2/NDF : 492170.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.361+/-0.008 χ^2/NDF : 1548541.1/48

- sign 64.006+/-0.011 χ^2/NDF : 873484.0/23

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 96.393 $\pm$ 80.768 χ^2 /NDF:28.8/24

Right Out: 8764.052 $\pm$ 4768.042 χ^2 /NDF: 0.0/0

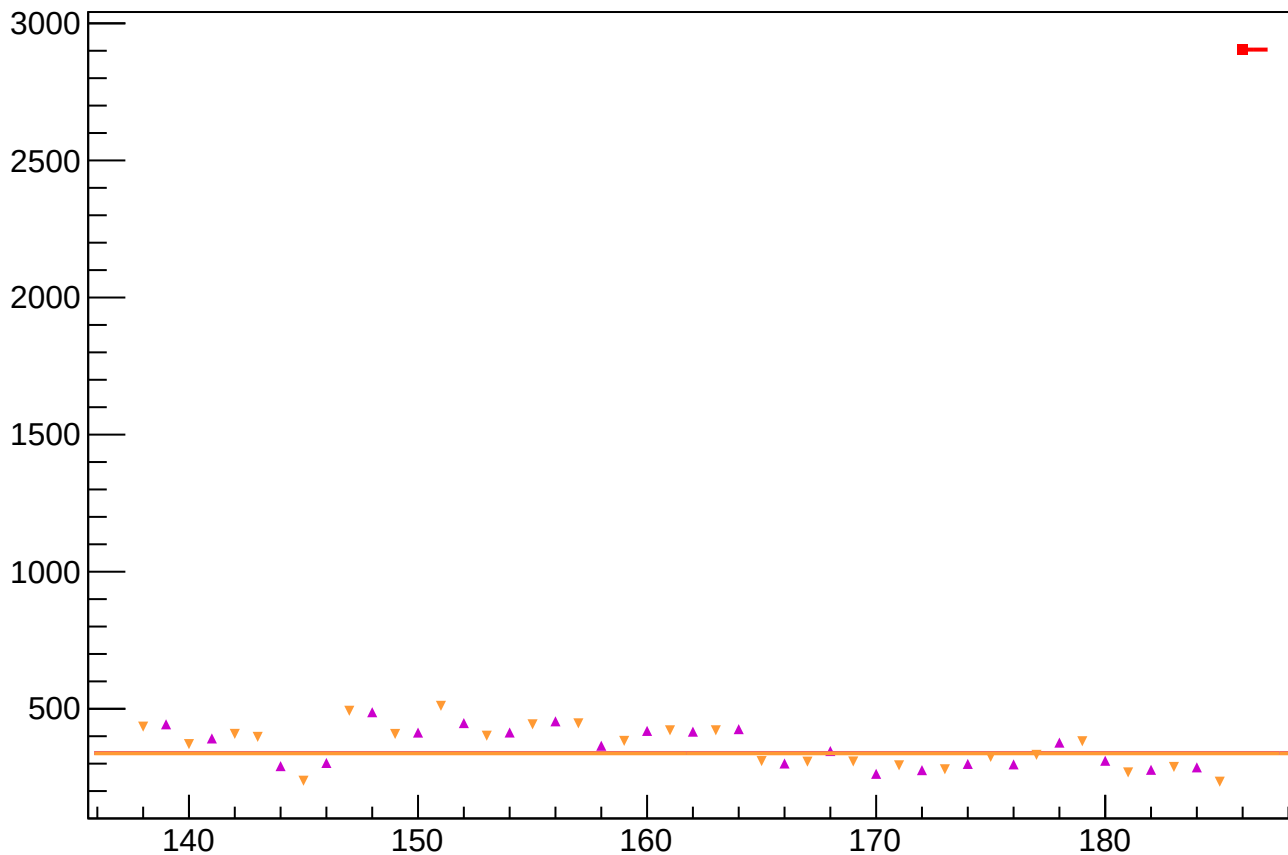
Left In: -50.544 $\pm$ 82.368 χ^2 /NDF:34.5/22

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

All: 25.643 $\pm$ 57.665 χ^2 /NDF: 68.3/48

- sign -47.915 $\pm$ 82.355 χ^2 /NDF: 37.9/23

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 337.809+/-0.057 χ^2/NDF : 1576478.5/24

Right Out: 2904.237+/-3.372 χ^2/NDF : 0.0/0

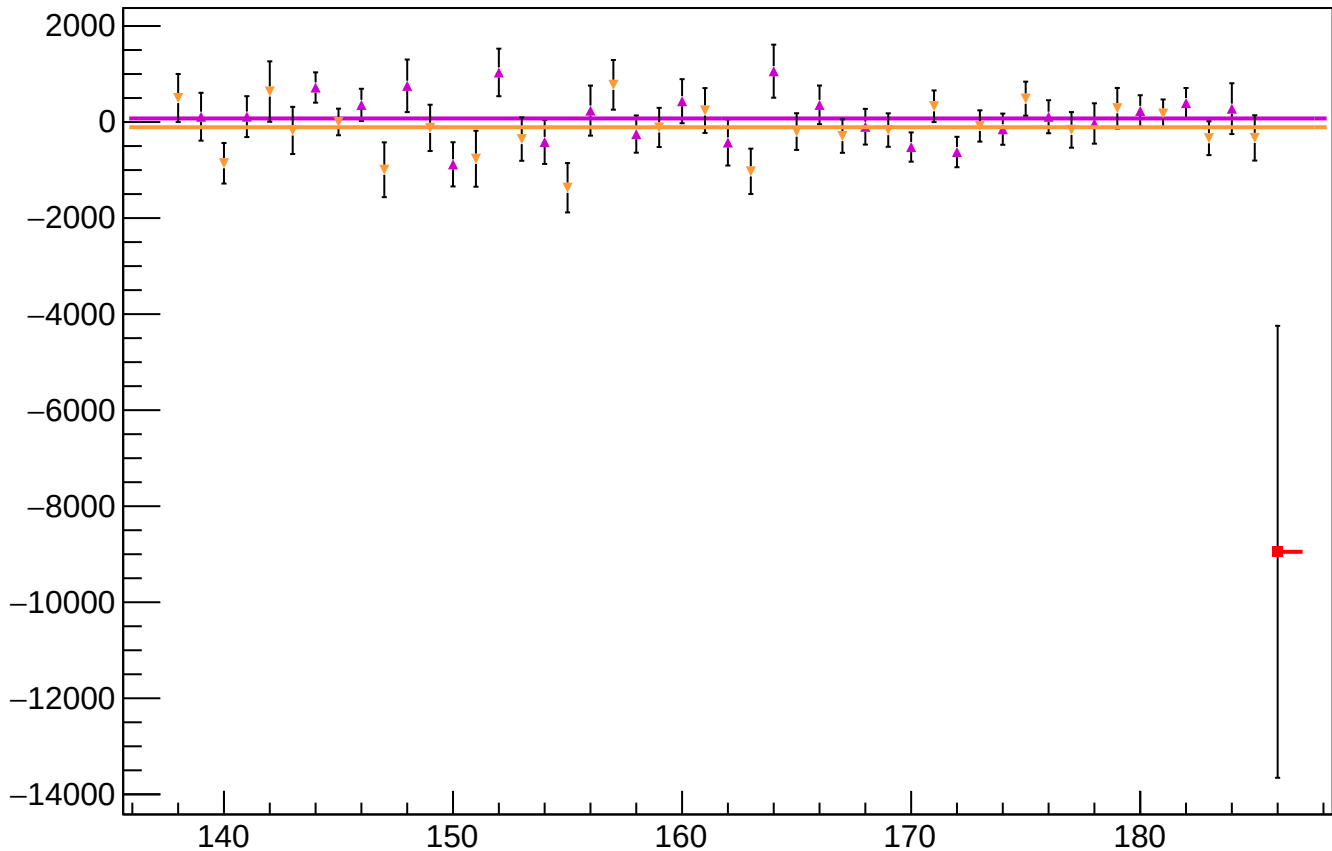
Left In: 338.855+/-0.058 χ^2/NDF : 1225723.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.697+/-0.041 χ^2/NDF : 3381489.1/48

- sign 339.620+/-0.058 χ^2/NDF : 1804517.9/23

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -108.037 ± 80.579 χ^2/NDF : 30.9/24

Right Out: -8949.643 ± 4706.210 χ^2/NDF : 0.0/0

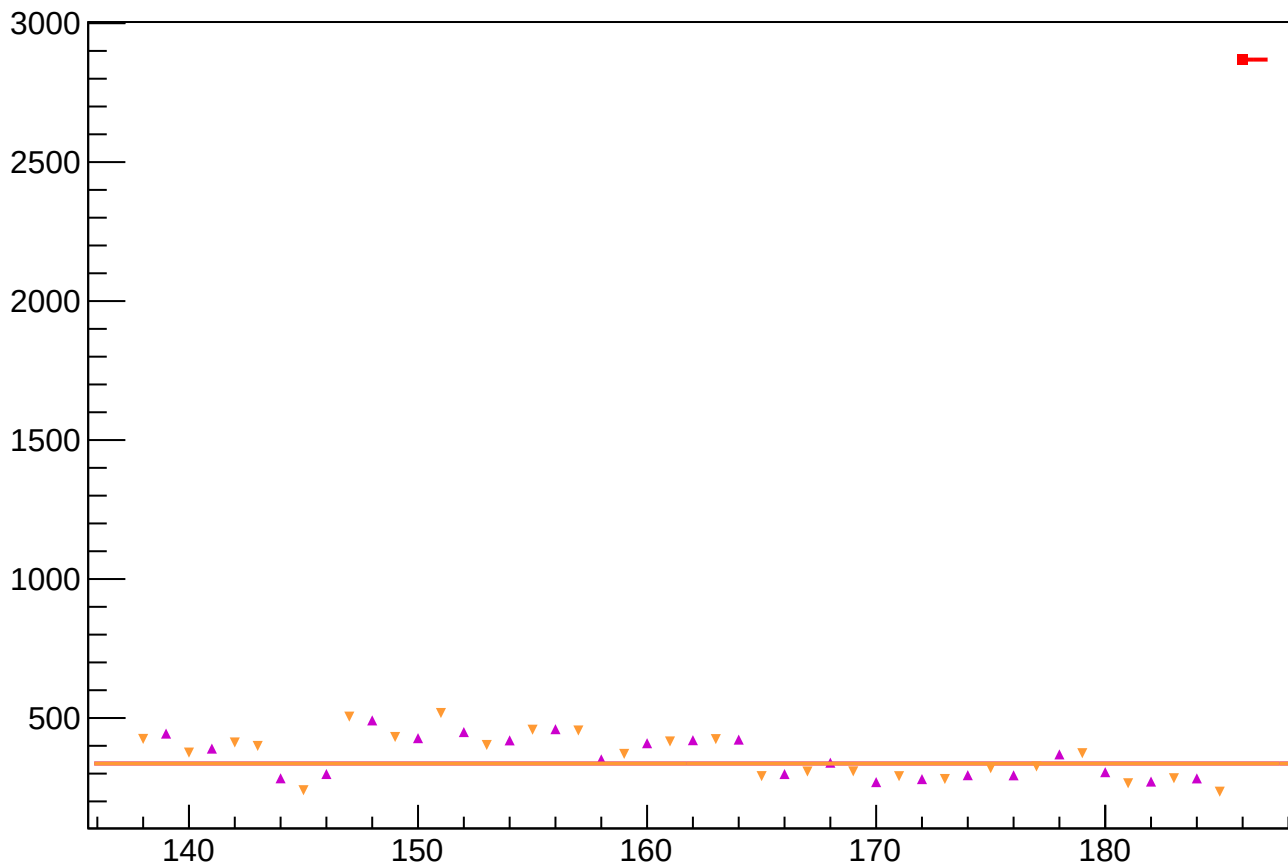
Left In: 74.986 ± 81.949 χ^2/NDF : 32.7/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.399 ± 57.452 χ^2/NDF : 69.7/48

- sign 72.250 ± 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

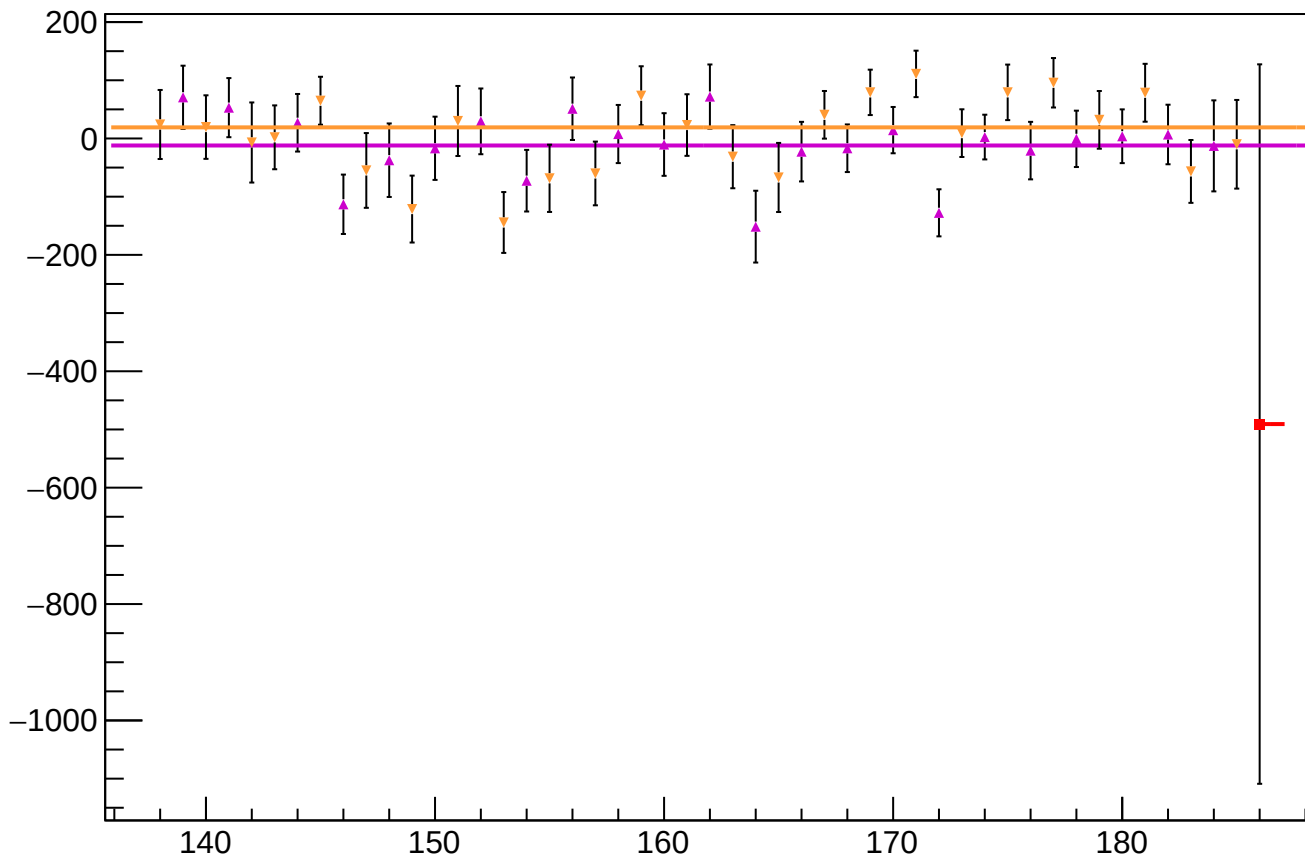
Left In: 336.396+/-0.058 χ^2/NDF : 1269587.6/22

+ 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: 19.081 ± 10.131 χ^2/NDF : 43.6/24

Right Out: -490.735 ± 618.119 χ^2/NDF : 0.0/0

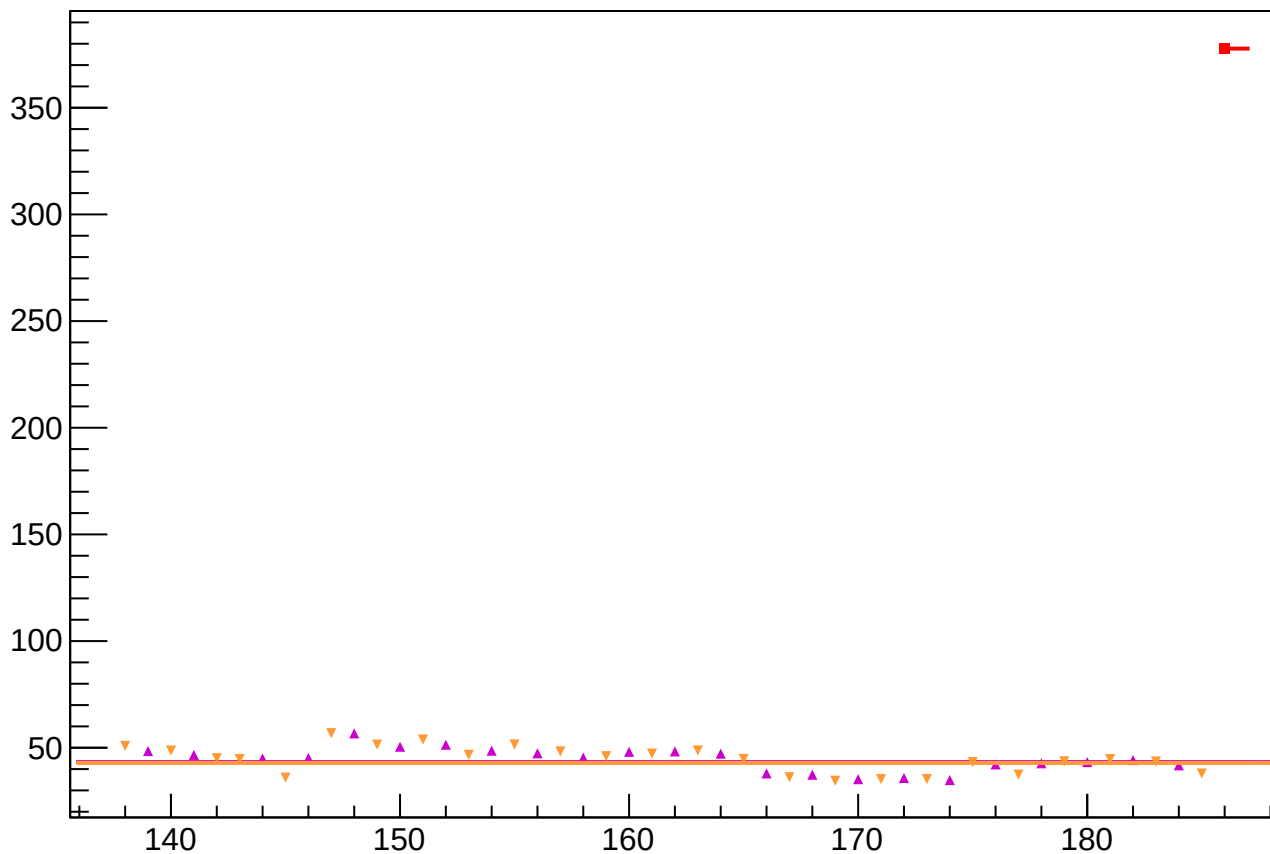
Left In: -12.058 ± 10.418 χ^2/NDF : 28.7/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.877 ± 7.263 χ^2/NDF : 77.5/48

- sign -12.194 ± 10.416 χ^2/NDF : 29.3/23

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 42.891+/-0.007 χ^2/NDF : 776701.7/24

Right Out: 377.725+/-0.437 χ^2/NDF : 0.0/0

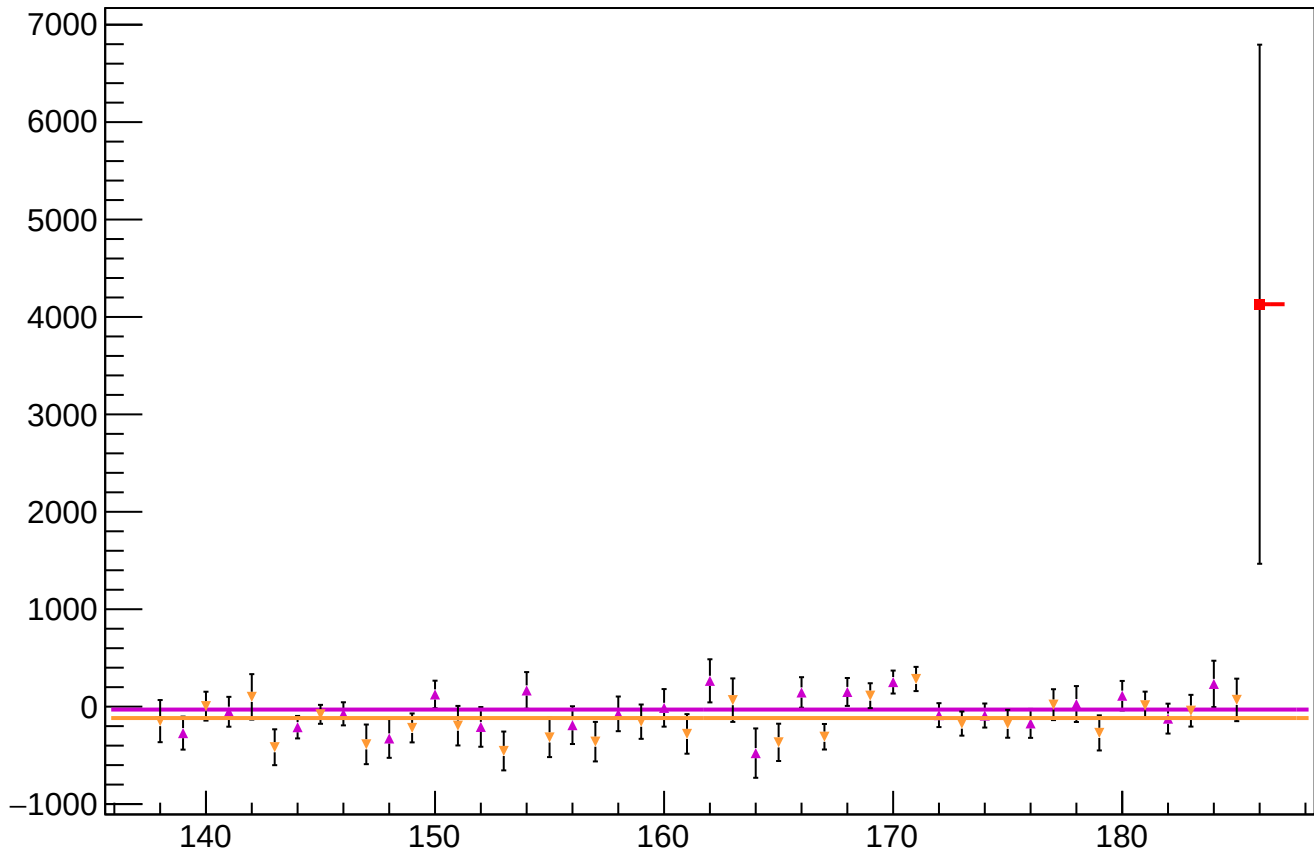
Left In: 43.271+/-0.007 χ^2/NDF : 588041.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.122+/-0.005 χ^2/NDF : 1952259.6/48

- sign 43.366+/-0.007 χ^2/NDF : 1173414.7/23

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -117.049 ± 32.089 χ^2/NDF : 34.6/24

Right Out: 4130.757 ± 2664.217 χ^2/NDF : 0.0/0

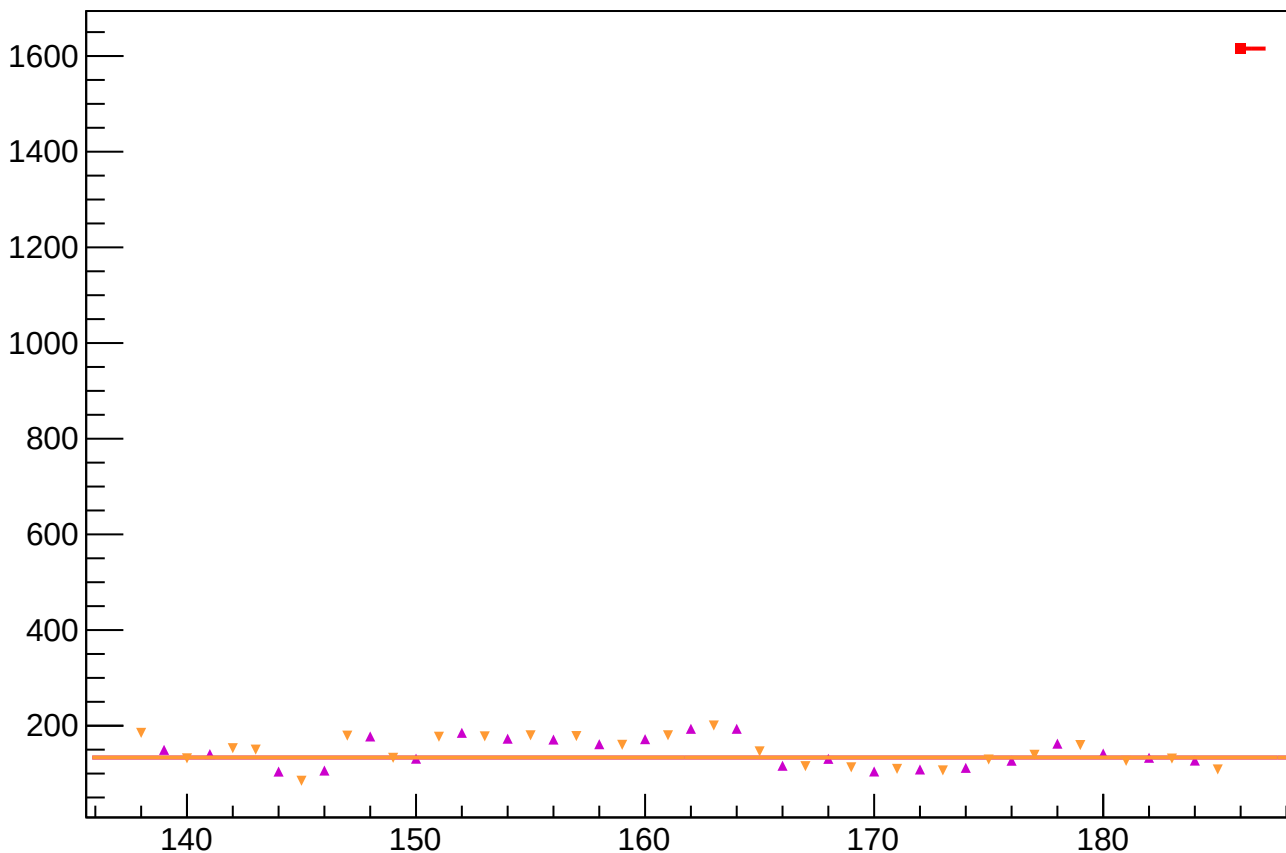
Left In: -29.883 ± 32.539 χ^2/NDF : 28.1/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -73.764 ± 22.847 χ^2/NDF : 68.8/48

- sign -29.262 ± 32.537 χ^2/NDF : 30.5/23

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 133.648+/-0.023 χ^2/NDF : 1811807.2/24

Right Out: 1615.577+/-1.884 χ^2/NDF : 0.0/0

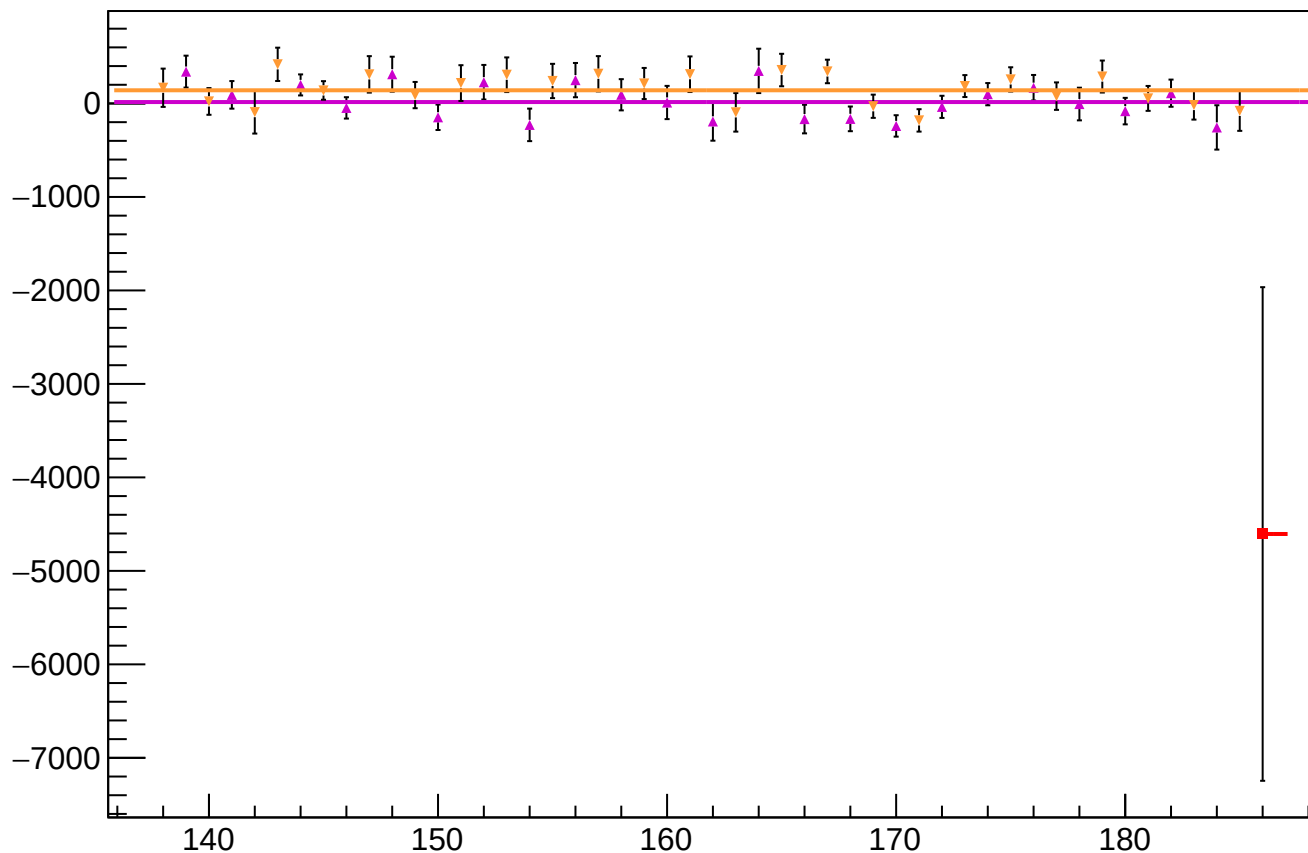
Left In: 133.485+/-0.023 χ^2/NDF : 1387618.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.677+/-0.016 χ^2/NDF : 3818265.5/48

- sign 133.706+/-0.023 χ^2/NDF : 2006455.1/23

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

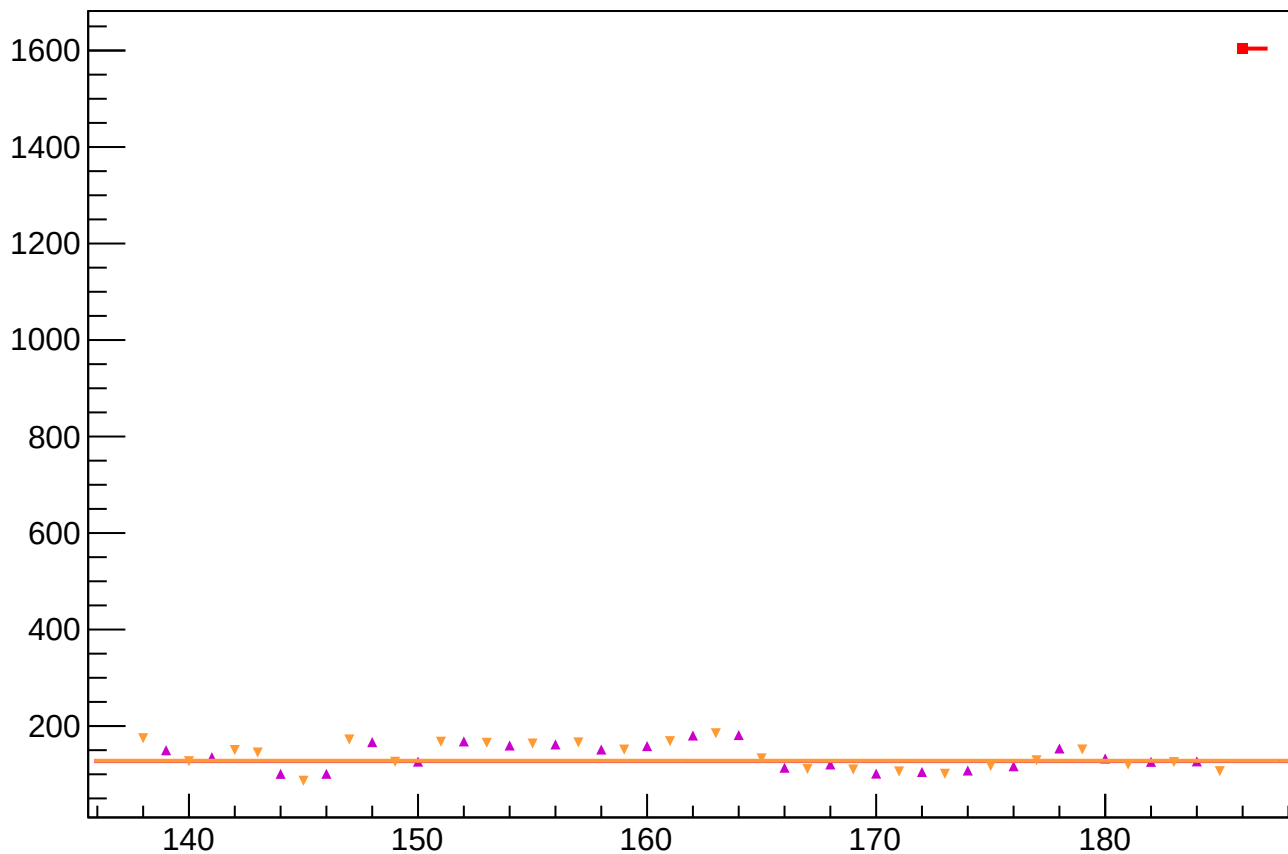
Left In: 15.199 ± 31.033 χ^2/NDF : 31.4/22

+ 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.060+/-0.022 χ^2/NDF :1530283.7/24

Right Out: 1604.044+/-1.867 χ^2/NDF : 0.0/0

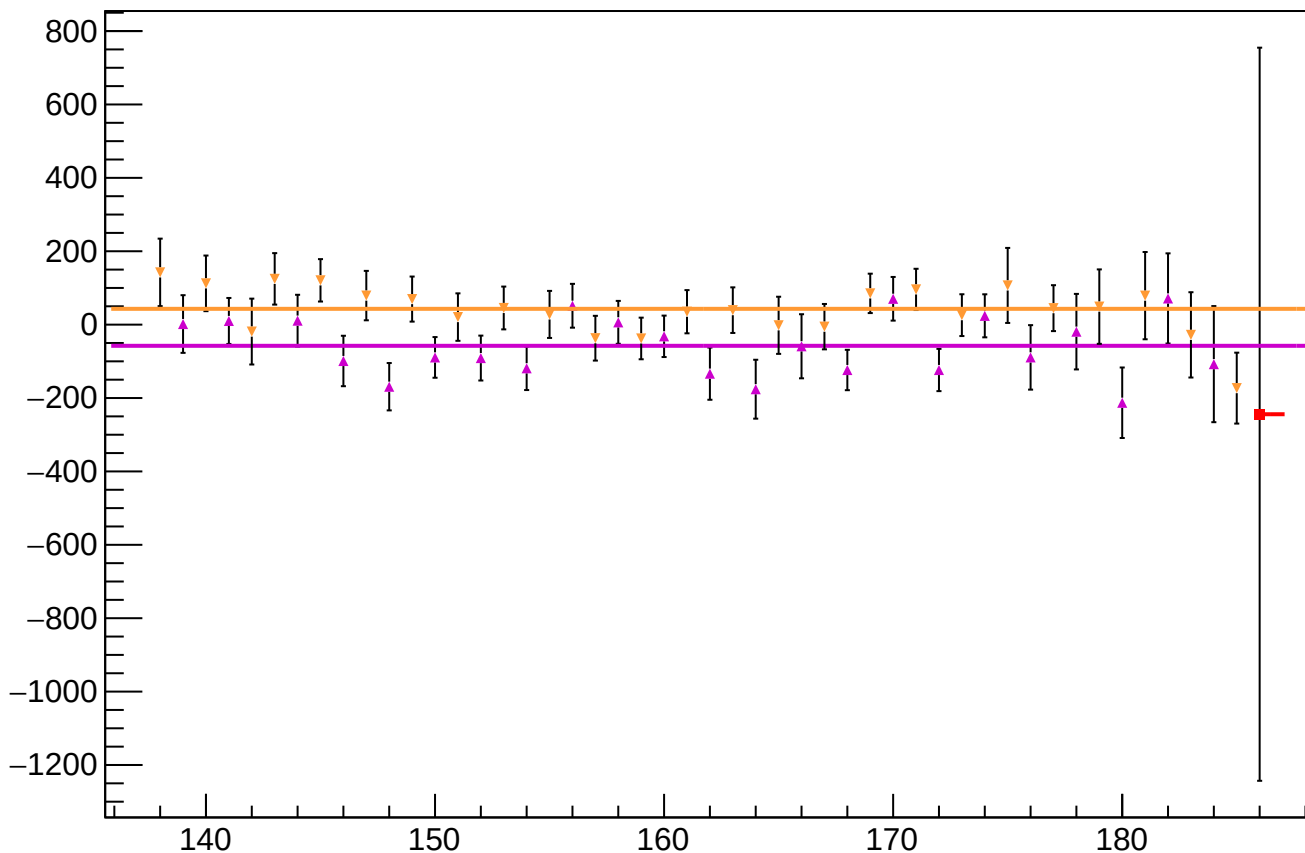
Left In: 127.380+/-0.022 χ^2/NDF :1229899.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.825+/-0.015 χ^2/NDF : 3385961.5/48

- sign 127.584+/-0.022 χ^2/NDF : 1855439.4/23

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 43.099 ± 13.598 χ^2/NDF : 18.5/24

Right Out: -244.156 ± 998.929 χ^2/NDF : 0.0/0

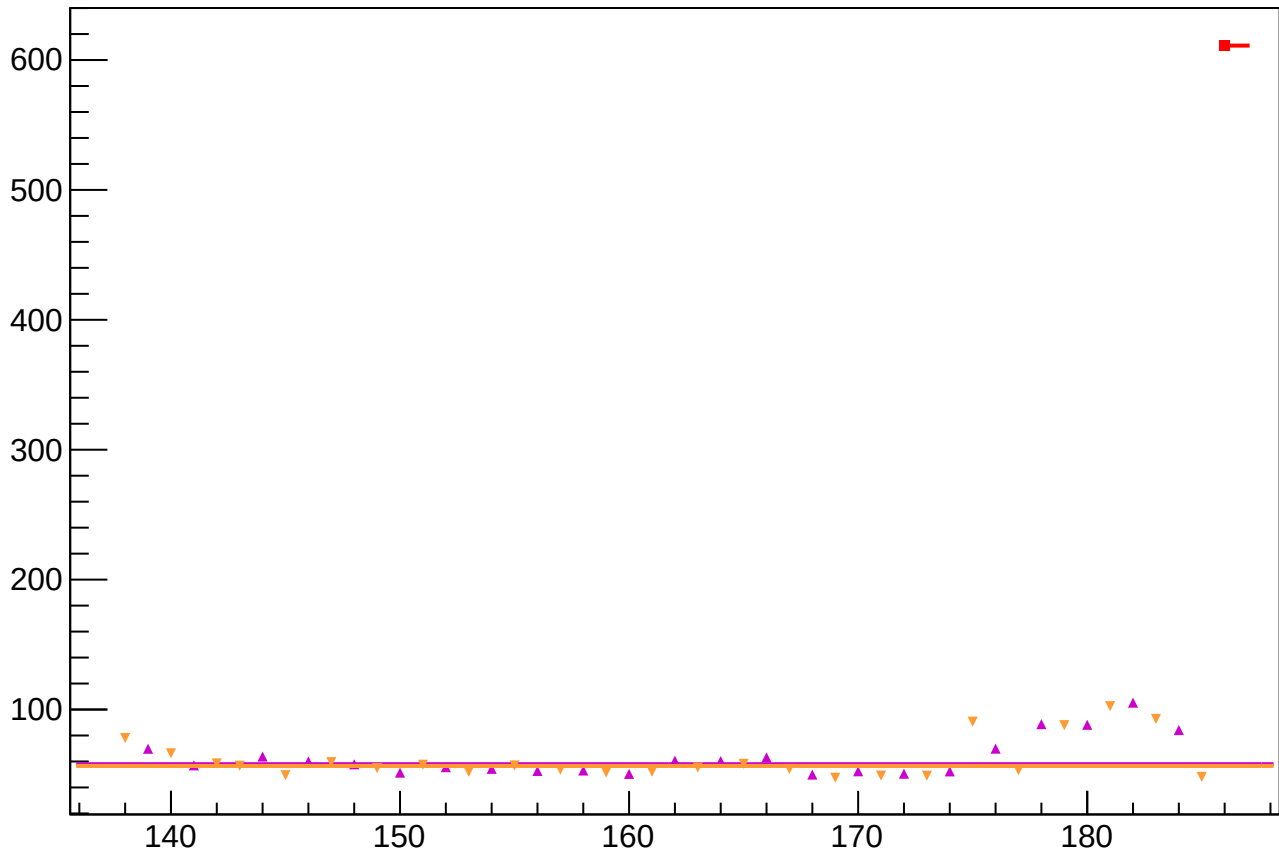
Left In: -57.672 ± 14.197 χ^2/NDF : 29.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.140 ± 9.820 χ^2/NDF : 74.0/48

- sign -57.710 ± 14.195 χ^2/NDF : 29.2/23

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 56.550 $\pm$ 0.010 χ^2 /NDF:1281733.4/24

Right Out: 611.108 $\pm$ 0.706 χ^2 /NDF: 0.0/0

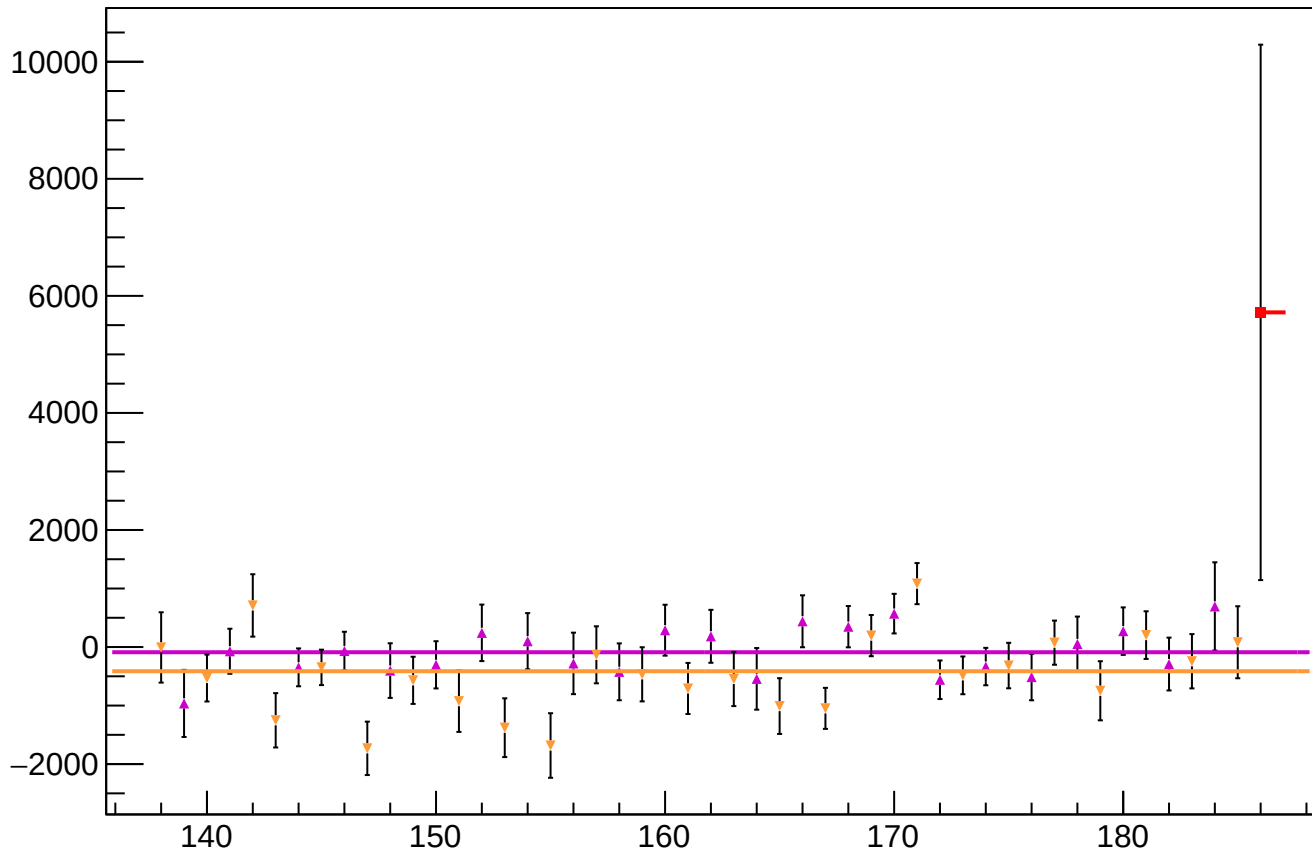
Left In: 57.902 $\pm$ 0.010 χ^2 /NDF:1053676.8/22

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

All: 57.251 $\pm$ 0.007 χ^2 /NDF: 2959764.6/48

- sign 58.014 $\pm$ 0.010 χ^2 /NDF: 1666939.4/23

asym_sam_1357_avg_correction_mean vs Slug



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

Left Out: -413.404+/-85.138 χ^2/NDF : 58.9/24

Right Out: 5717.997+/-4573.999 χ^2/NDF : 0.0/0

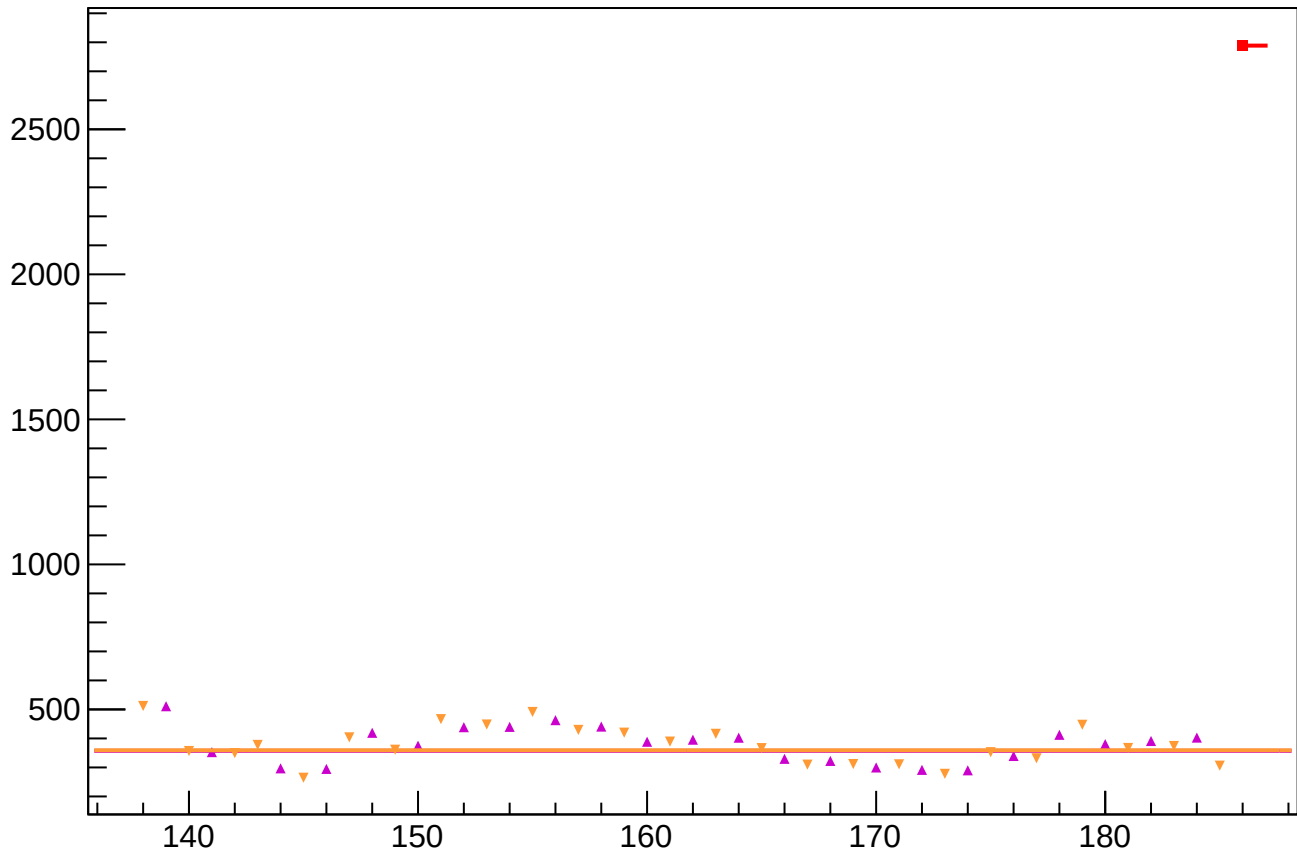
Left In: -88.888+/-86.344 χ^2/NDF : 19.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.378+/-60.618 χ^2/NDF : 87.2/48

- sign -86.820+/-86.329 χ^2/NDF : 21.1/23

asym_sam_1357_avg_correction_rms vs Slug



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

Left Out: 359.089 $\pm$ 0.060 χ^2 /NDF:1055463.4/24

Right Out: 2788.590 $\pm$ 3.234 χ^2 /NDF: 0.0/0

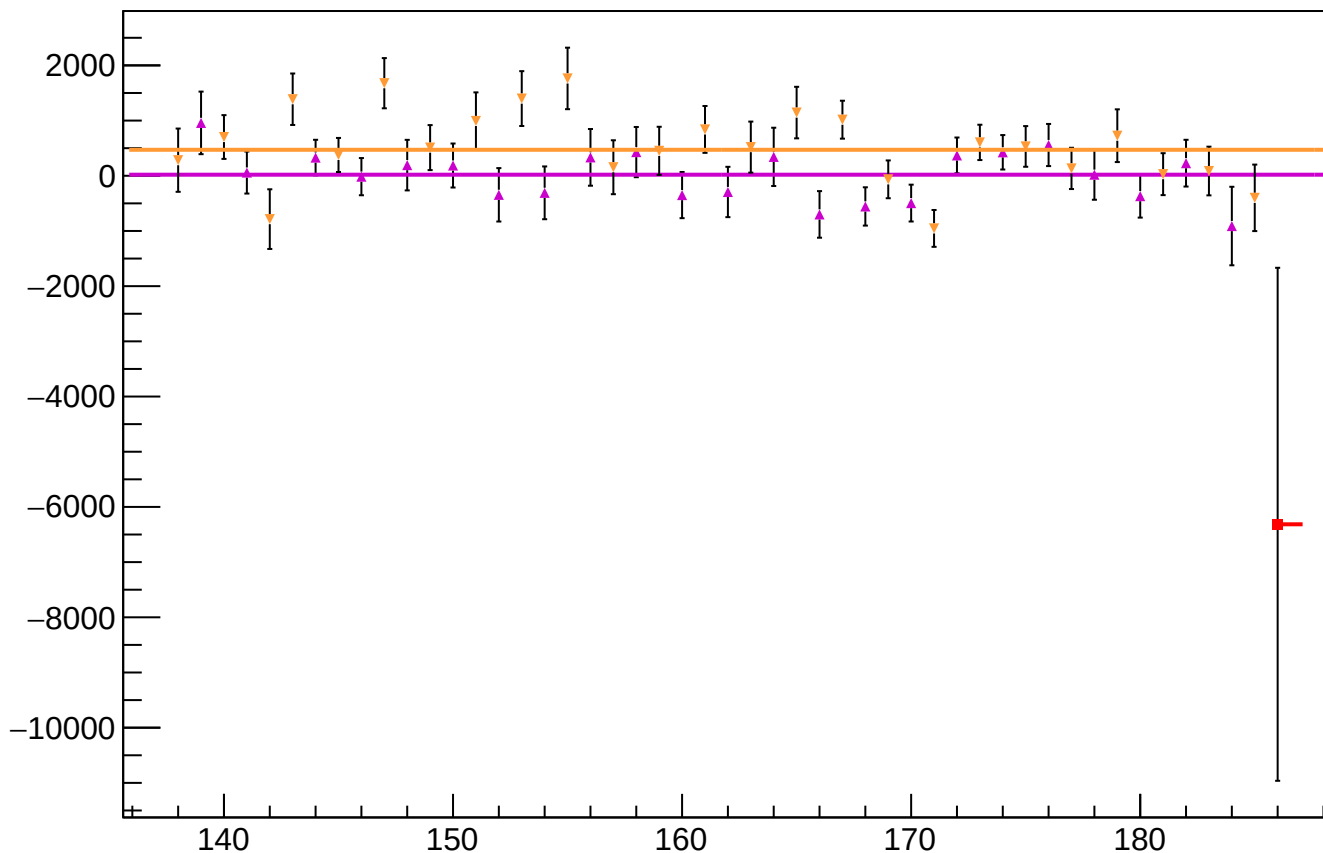
Left In: 357.207 $\pm$ 0.061 χ^2 /NDF:930542.1/22

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

All: 358.588 $\pm$ 0.043 χ^2 /NDF: 2551069.7/48

- sign 358.073 $\pm$ 0.061 χ^2 /NDF: 1495465.9/23

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

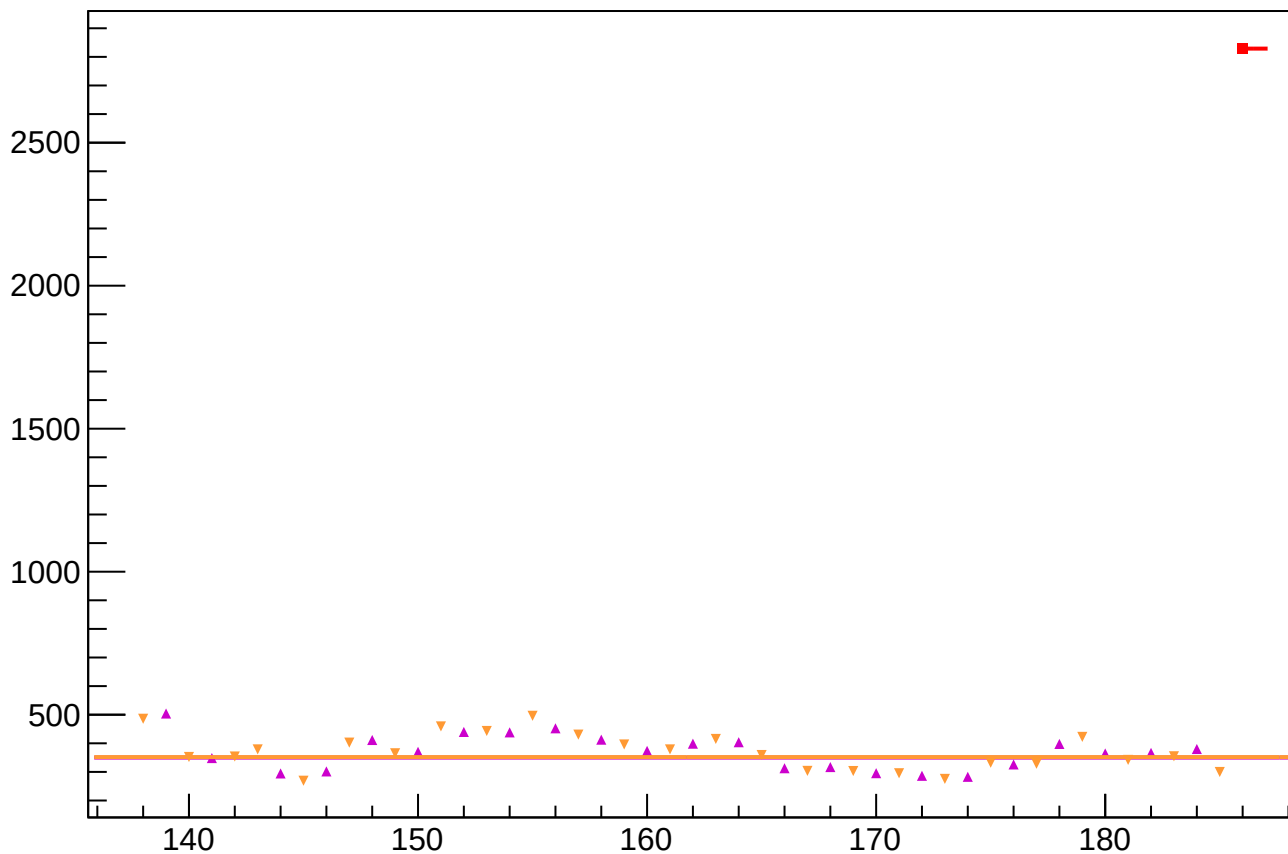
Left In: 19.328 ± 84.679 χ^2/NDF : 23.7/22

+ 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

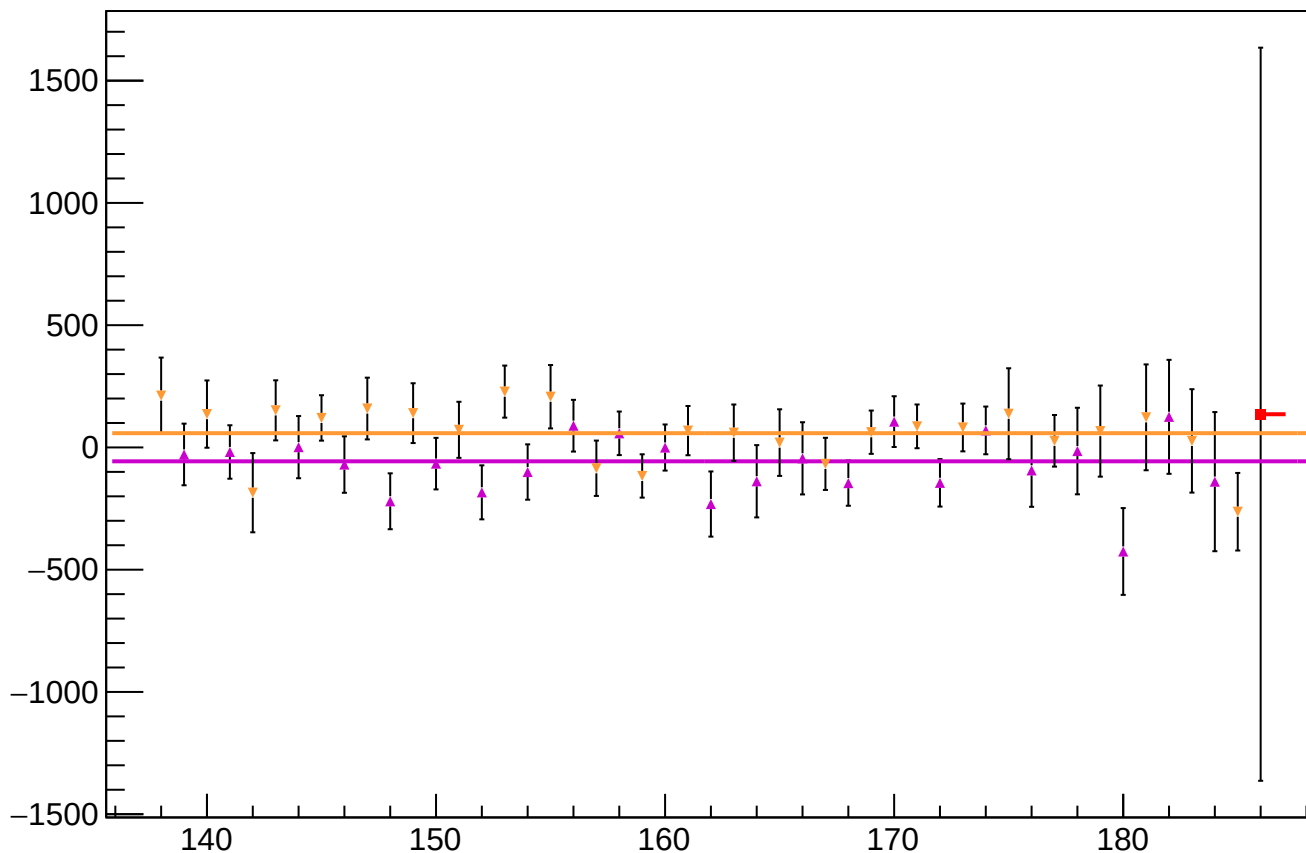
Left In: 350.037+/-0.060 χ^2/NDF :889435.7/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 58.293 $\pm$ 23.720 χ^2 /NDF:21.2/24

Right Out: 135.776 $\pm$ 1499.166 χ^2 /NDF: 0.0/0

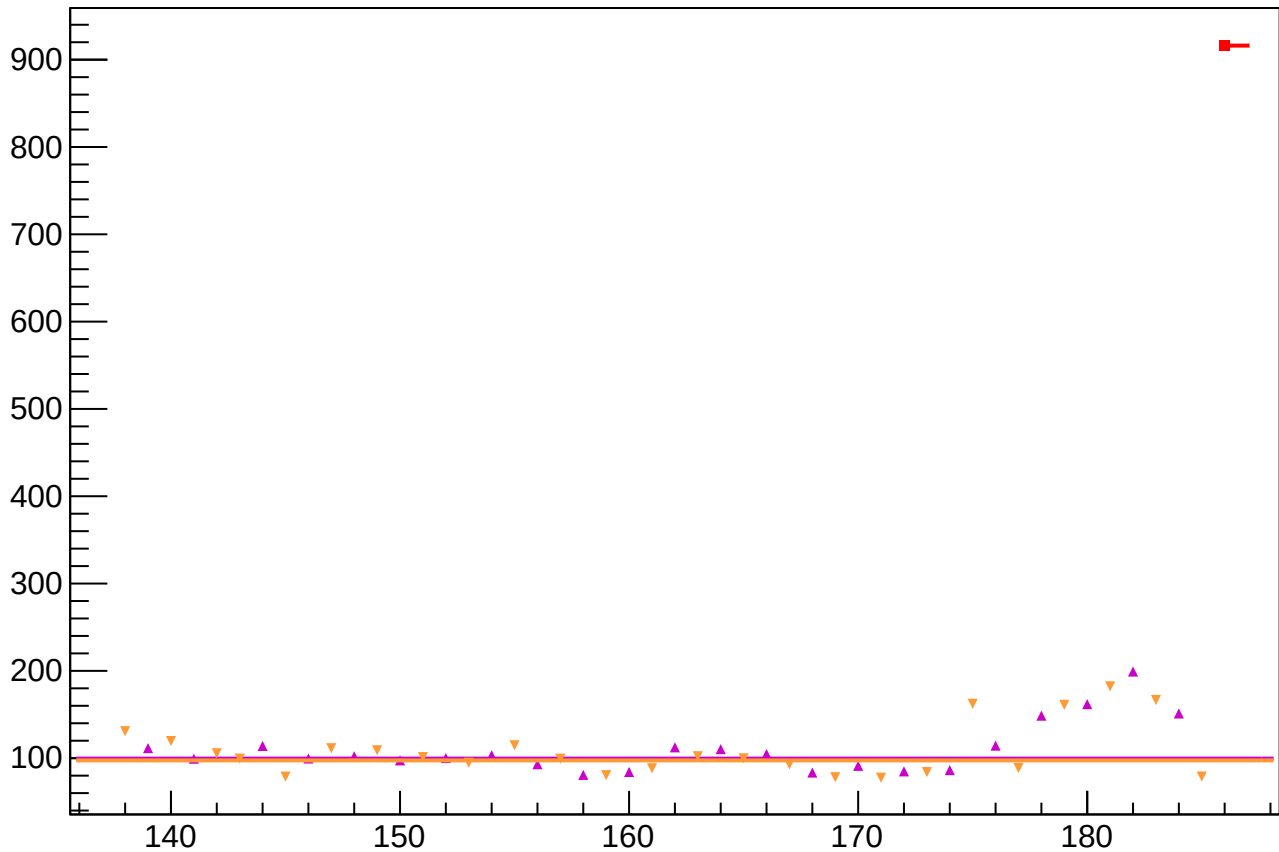
Left In: -56.757 $\pm$ 24.650 χ^2 /NDF:20.9/22

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

All: 2.995 $\pm$ 17.091 χ^2 /NDF: 53.4/48

- sign -56.705 $\pm$ 24.646 χ^2 /NDF: 20.9/23

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 97.443 $\pm$ 0.017 χ^2 /NDF:1678452.8/24

Right Out: 916.134 $\pm$ 1.060 χ^2 /NDF: 0.0/0

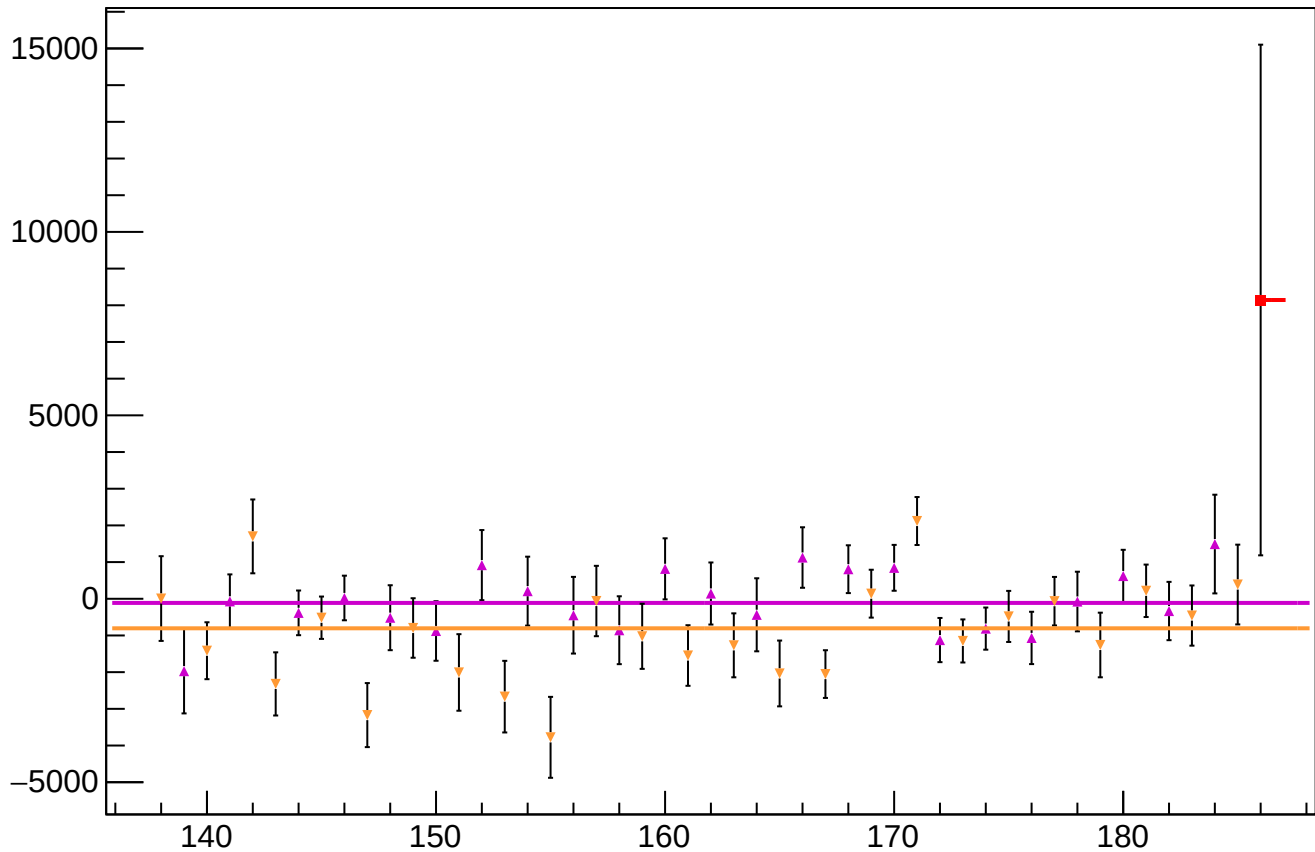
Left In: 99.506 $\pm$ 0.017 χ^2 /NDF:1235754.5/22

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

All: 98.541 $\pm$ 0.012 χ^2 /NDF: 3516410.4/48

- sign 99.727 $\pm$ 0.017 χ^2 /NDF: 1829035.9/23

asym_sam_2468_avg_correction_mean vs Slug



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

Left Out: -804.852 $\pm$ 158.828 χ^2 /NDF:65.2/24

Right Out: 8143.788 $\pm$ 6959.727 χ^2 /NDF: 0.0/0

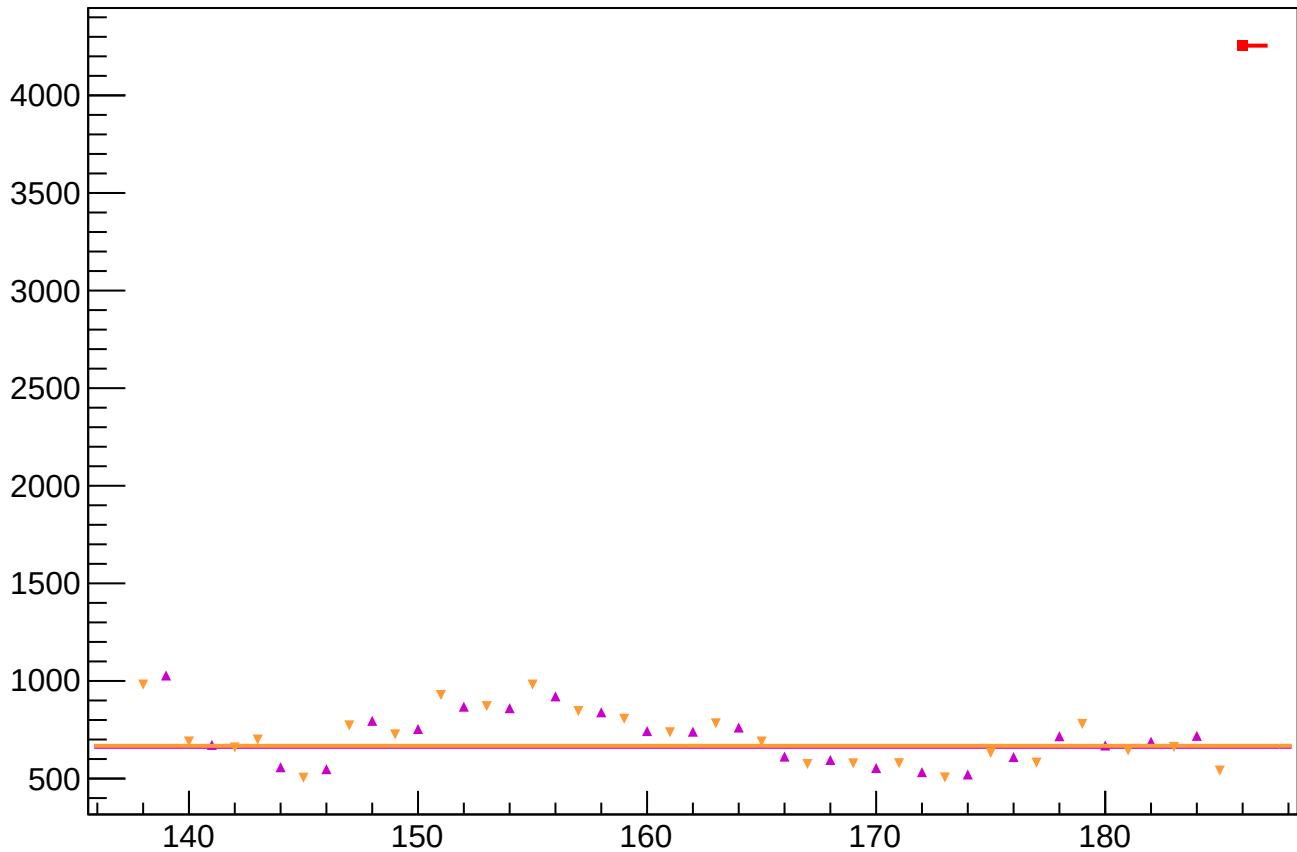
Left In: -112.802 $\pm$ 160.711 χ^2 /NDF:22.7/22

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

All: -460.637 $\pm$ 112.954 χ^2 /NDF: 98.7/48

- sign -108.401 $\pm$ 160.668 χ^2 /NDF: 24.1/23

asym_sam_2468_avg_correction_rms vs Slug



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

Left Out: 667.726+/-0.112 χ^2/NDF :1262178.1/24

Right Out: 4254.872+/-4.921 χ^2/NDF : 0.0/0

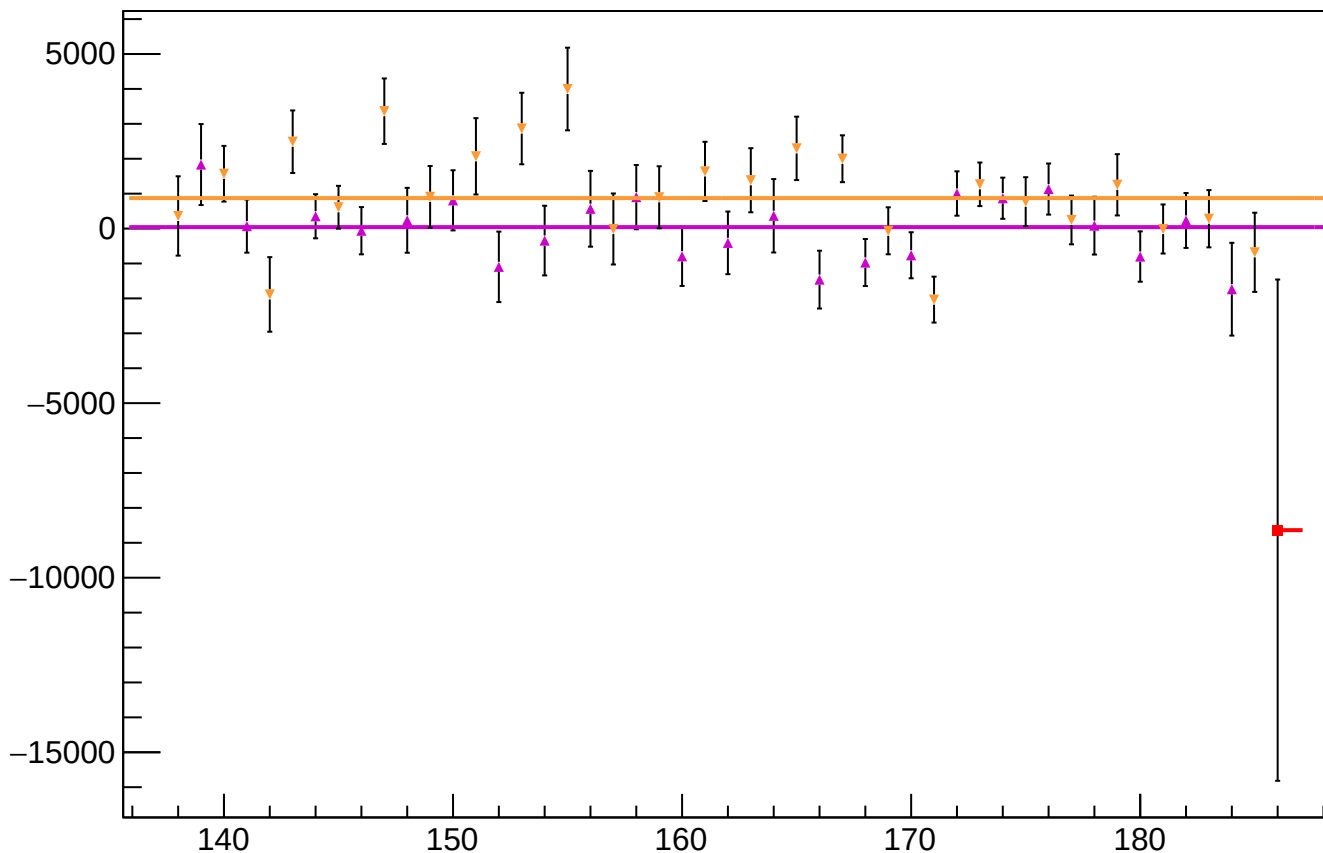
Left In: 662.577+/-0.114 χ^2/NDF :1163749.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 666.127+/-0.080 χ^2/NDF : 2958884.7/48

- sign 664.491+/-0.114 χ^2/NDF : 1696296.6/23

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

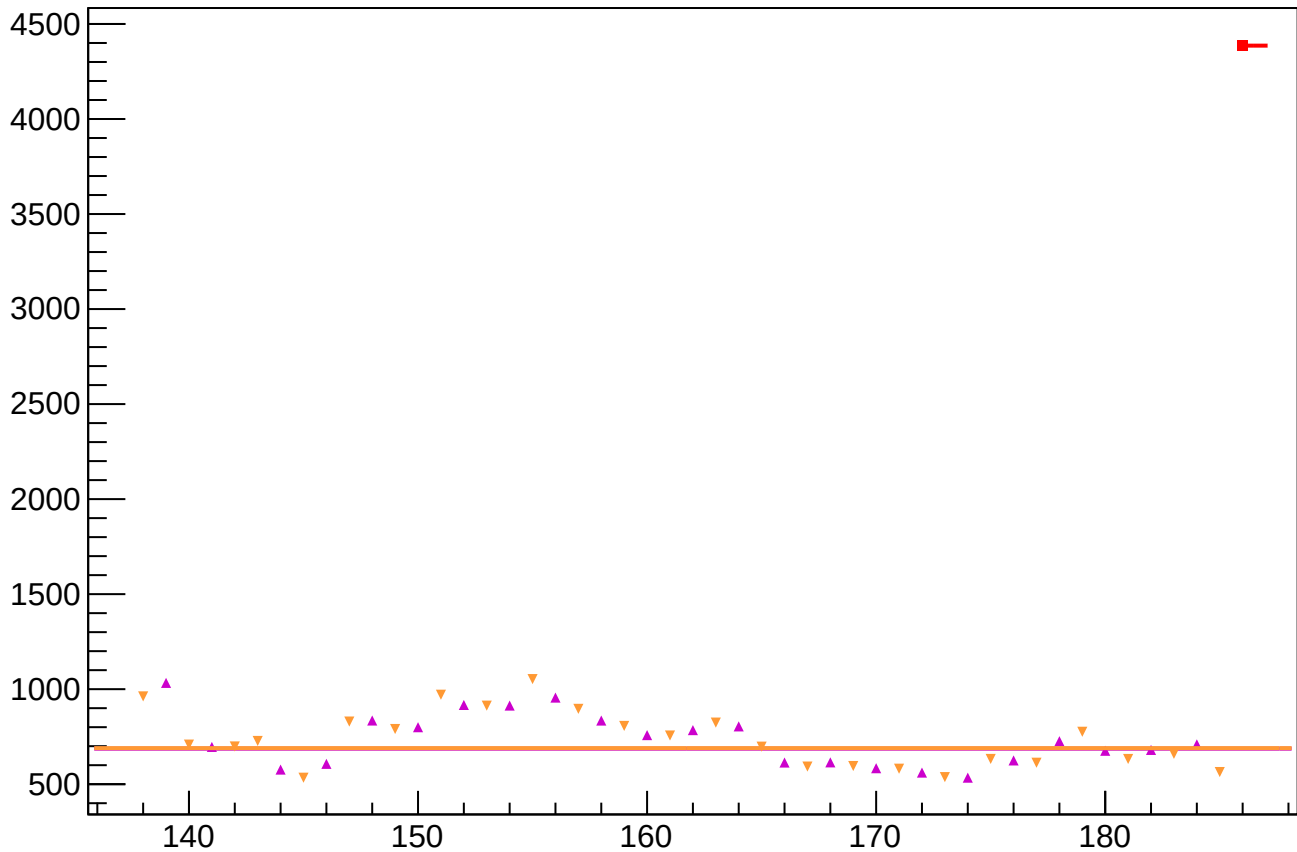
Left In: 41.522 ± 166.728 χ^2/NDF : 24.1/22

+ 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

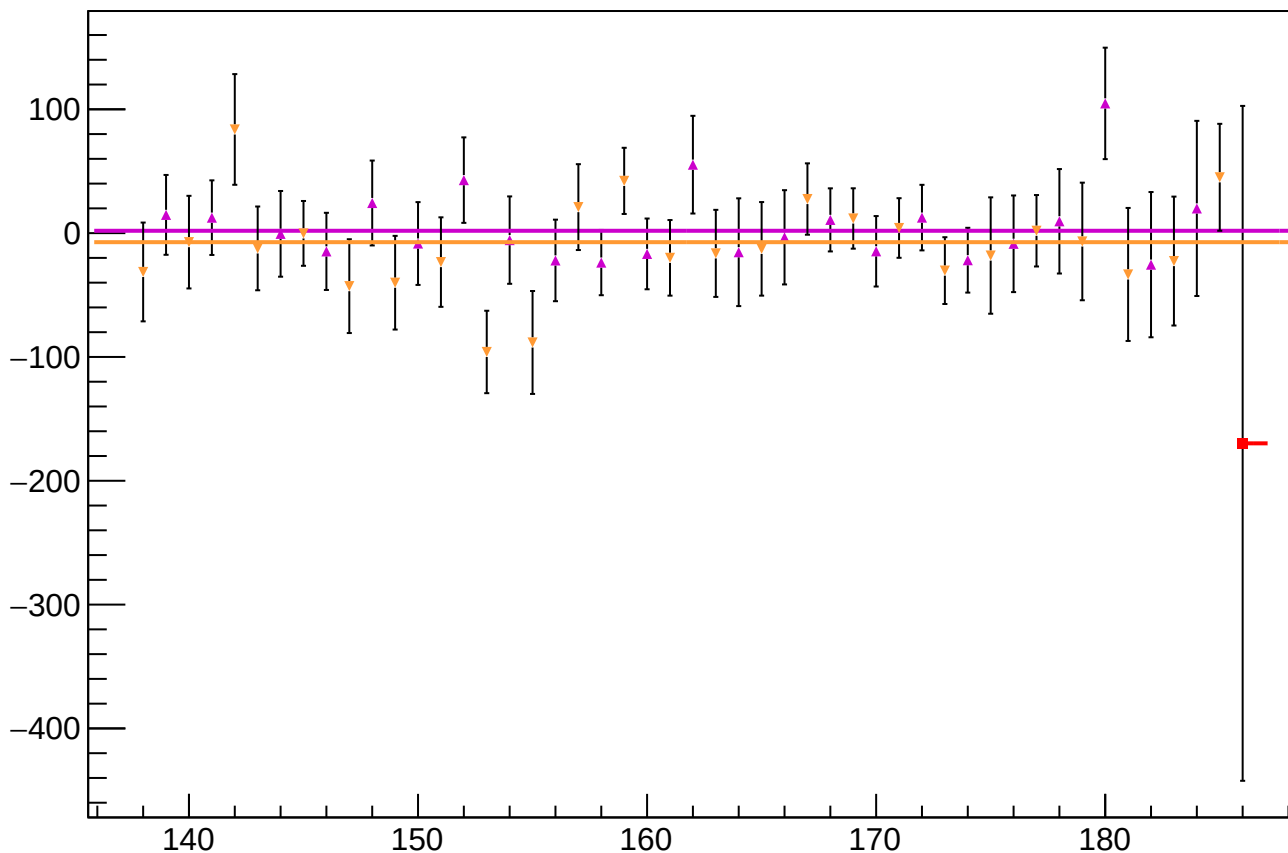
Left In: 686.944+/-0.118 χ^2/NDF :1116042.4/22

+ 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 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -7.302 ± 6.746 χ^2/NDF : 26.7/24

Right Out: -169.773 ± 272.524 χ^2/NDF : 0.0/0

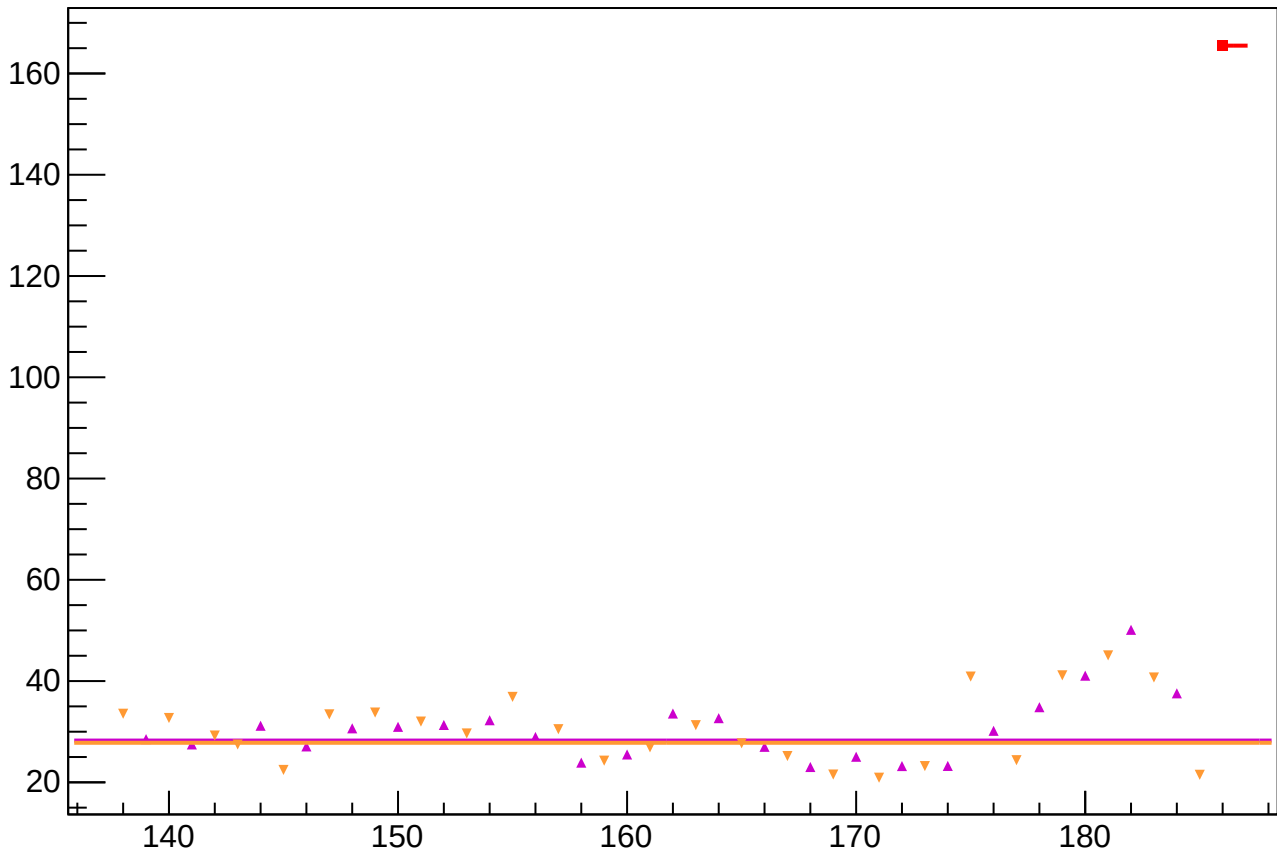
Left In: 1.899 ± 6.962 χ^2/NDF : 13.5/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.899 ± 4.844 χ^2/NDF : 41.5/48

- sign 1.787 ± 6.960 χ^2/NDF : 13.9/23

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 27.814+/-0.005 χ^2/NDF :1536291.1/24

Right Out: 165.500+/-0.193 χ^2/NDF : 0.0/0

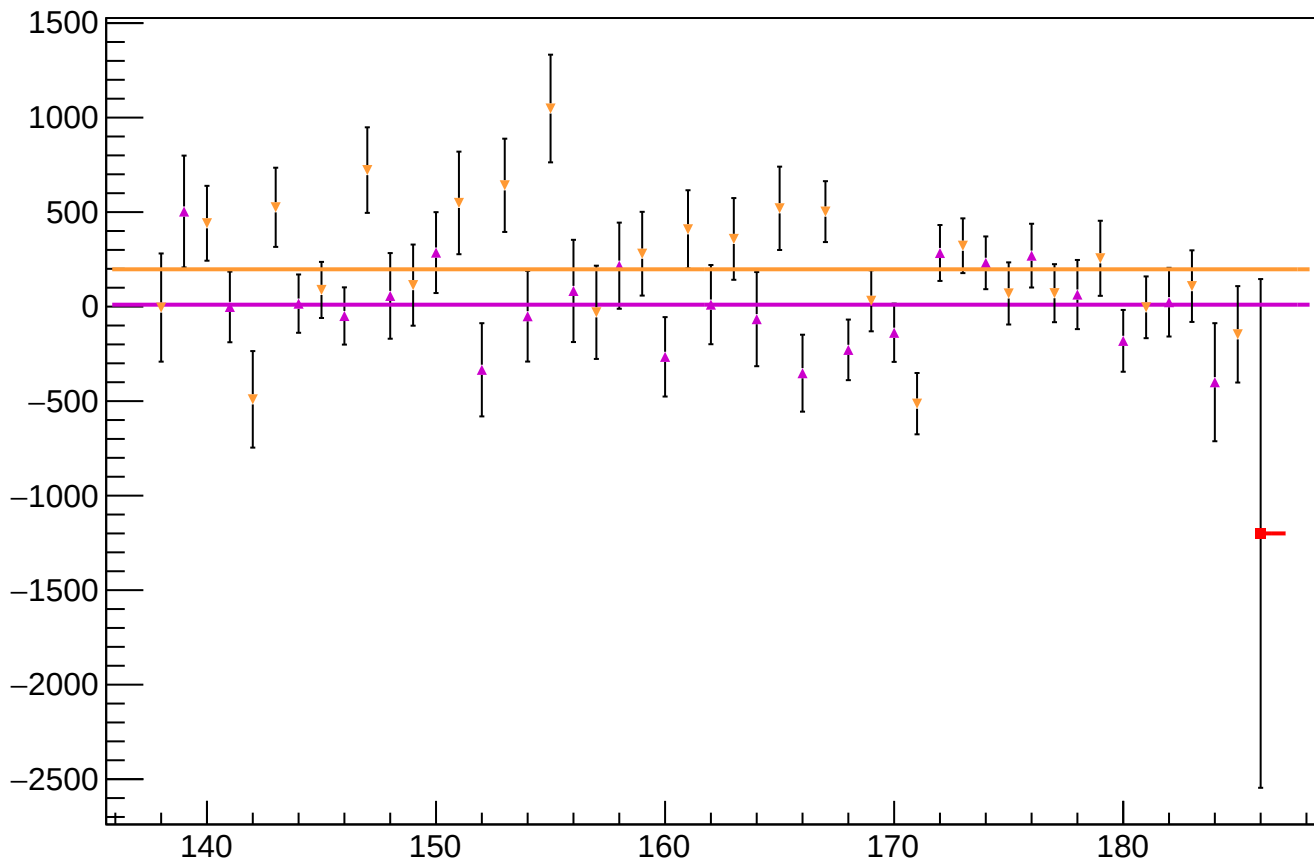
Left In: 28.249+/-0.005 χ^2/NDF :1000650.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.068+/-0.003 χ^2/NDF : 3049753.0/48

- sign 28.339+/-0.005 χ^2/NDF : 1507599.8/23

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 197.433 ± 39.070 χ^2/NDF : 65.9/24

Right Out: -1199.922 ± 1345.739 χ^2/NDF : 0.0/0

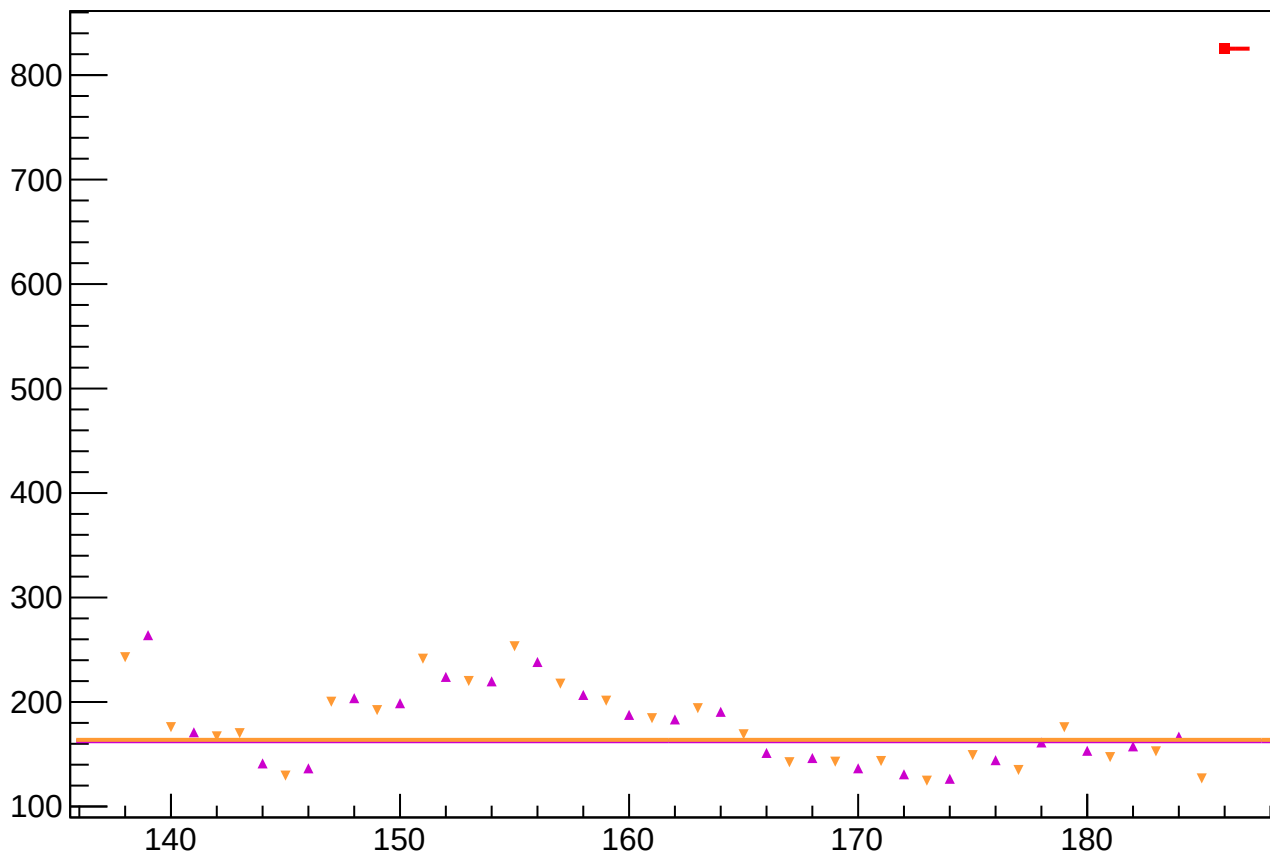
Left In: 10.177 ± 39.512 χ^2/NDF : 27.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 104.303 ± 27.775 χ^2/NDF : 105.4/48

- sign 9.135 ± 39.495 χ^2/NDF : 28.0/23

asym_sam_1357_2468_dd_correction_rms vs Slug



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

Left Out: 163.781+/-0.028 χ^2/NDF :1443221.9/24

Right Out: 825.297+/-0.952 χ^2/NDF : 0.0/0

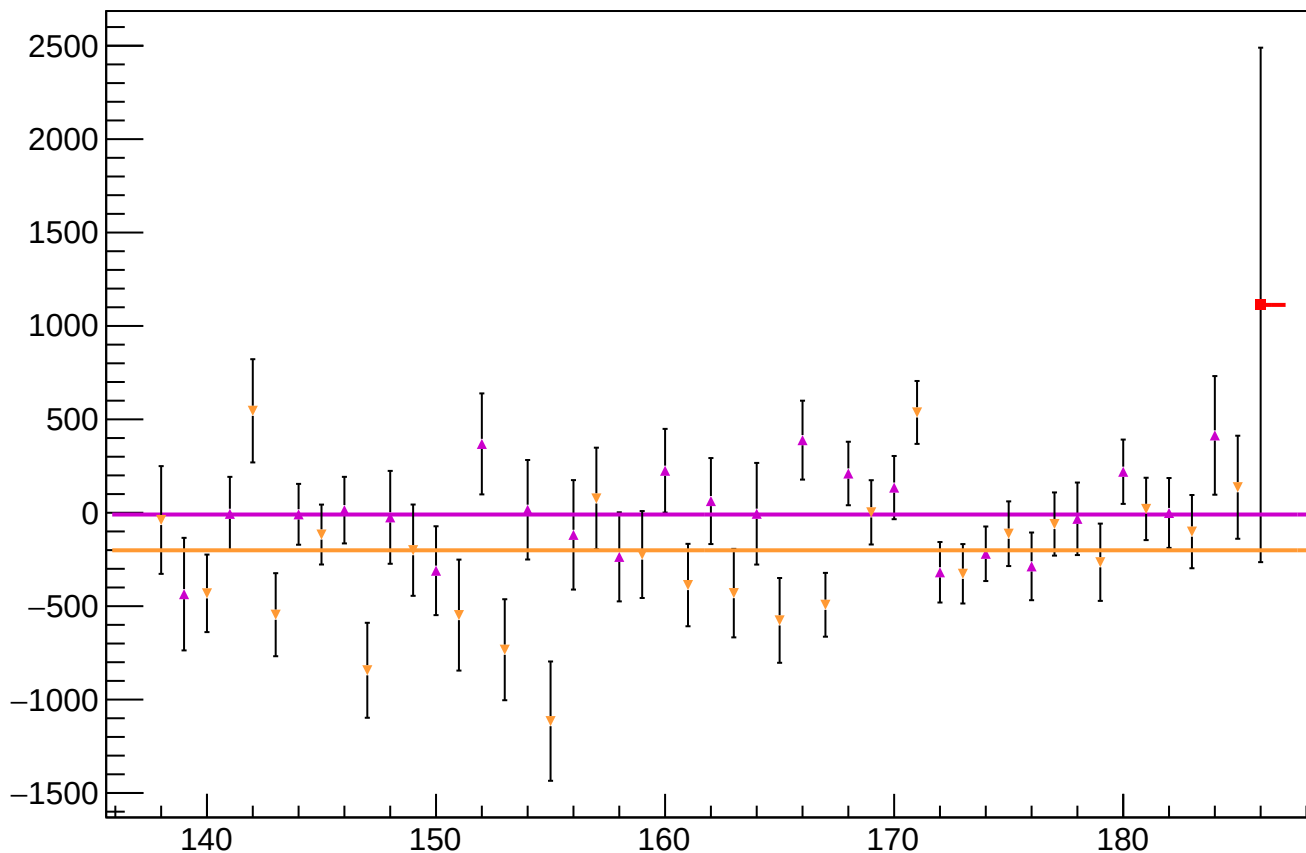
Left In: 162.447+/-0.028 χ^2/NDF :1344185.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.403+/-0.020 χ^2/NDF : 3272587.3/48

- sign 163.018+/-0.028 χ^2/NDF : 1828988.2/23

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

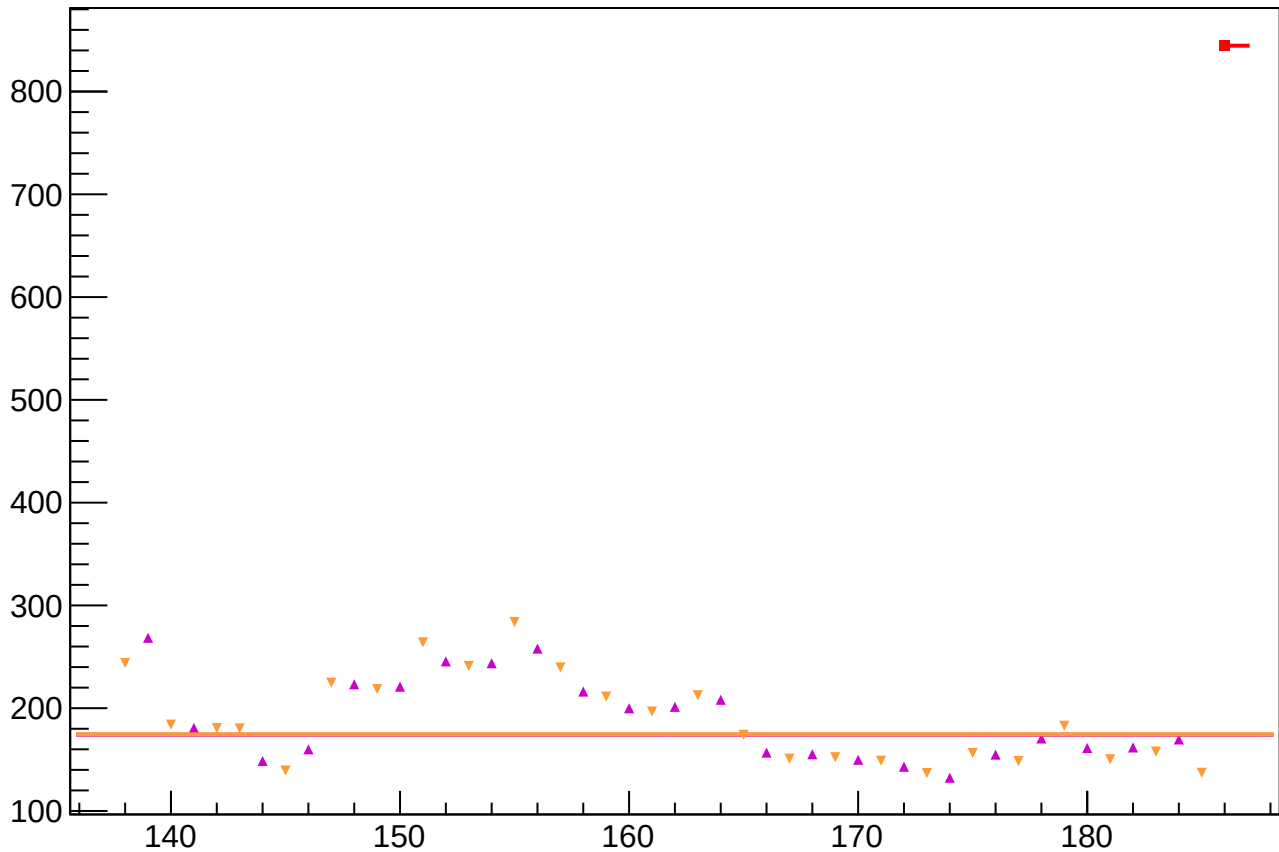
Left In: -9.384 $\pm$ 42.437 χ^2 /NDF: 25.4/22

+ 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

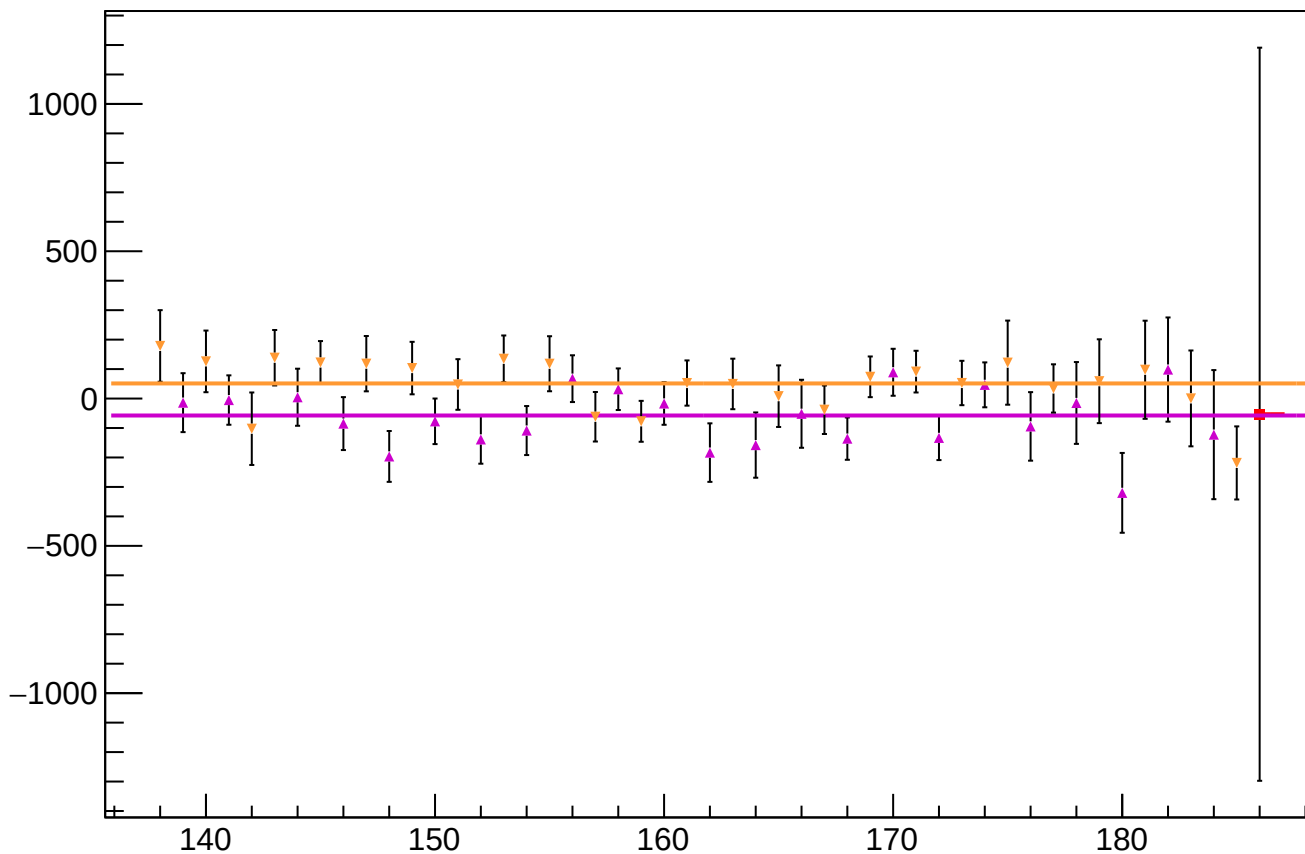
Left In: 174.217+/-0.030 χ^2/NDF :1364600.9/22

+ 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: 51.287 ± 18.131 χ^2/NDF : 19.7/24

Right Out: -53.232 ± 1244.235 χ^2/NDF : 0.0/0

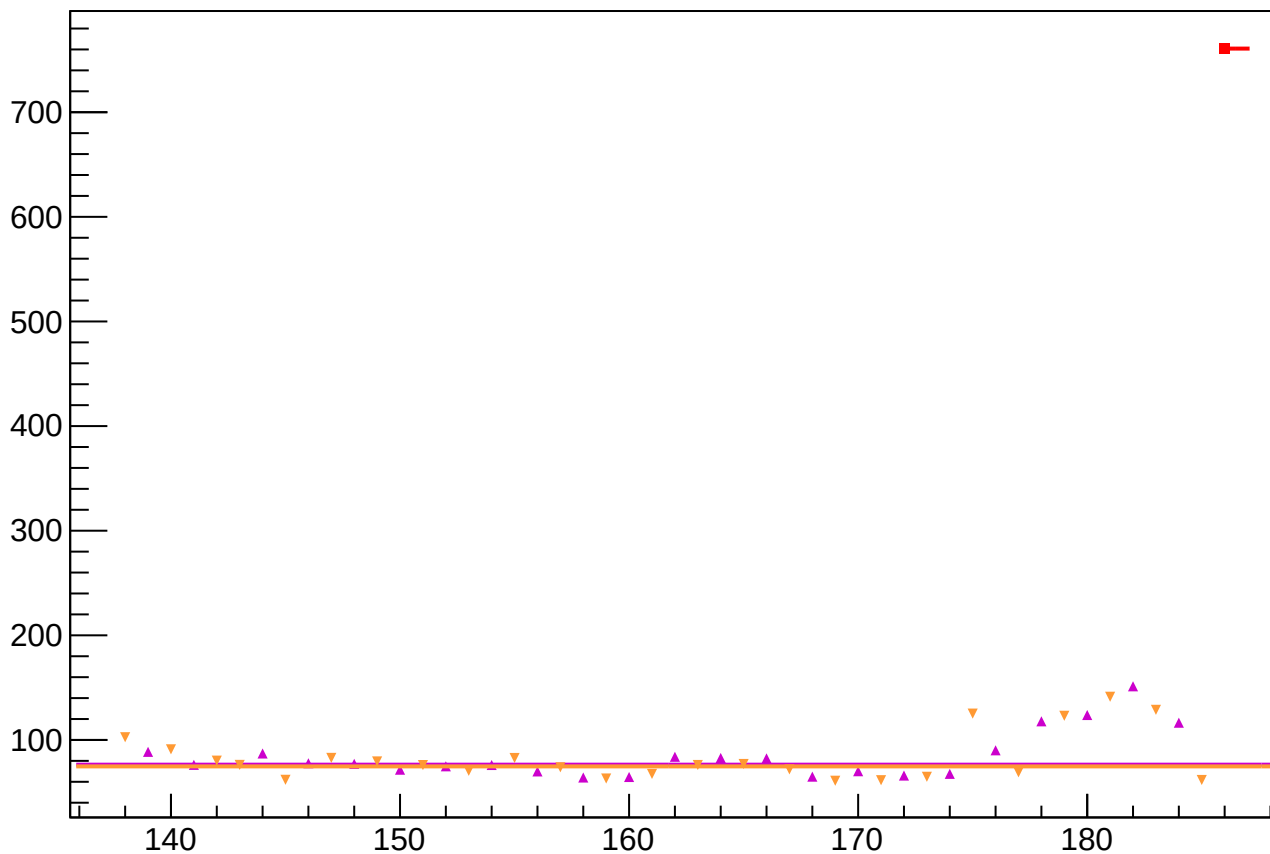
Left In: -57.530 ± 18.875 χ^2/NDF : 24.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.940 ± 13.075 χ^2/NDF : 61.2/48

- sign -57.529 ± 18.873 χ^2/NDF : 24.2/23

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 74.721+/-0.013 χ^2/NDF : 1575194.4/24

Right Out: 760.821+/-0.880 χ^2/NDF : 0.0/0

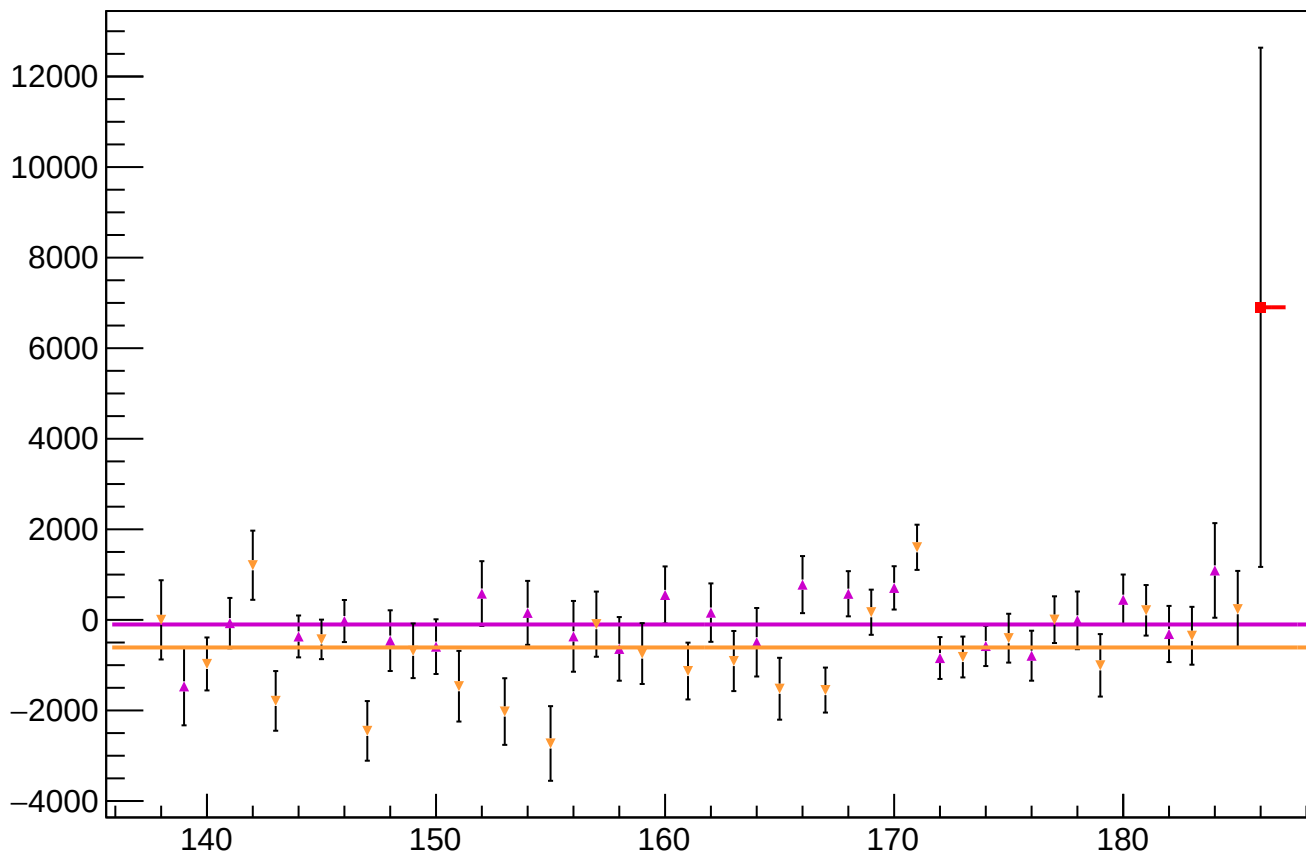
Left In: 76.366+/-0.013 χ^2/NDF : 1218796.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.586+/-0.009 χ^2/NDF : 3408566.5/48

- sign 76.524+/-0.013 χ^2/NDF : 1823878.3/23

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -609.040+/-121.297 χ^2/NDF : 63.6/24

Right Out: 6903.328+/-5733.464 χ^2/NDF : 0.0/0

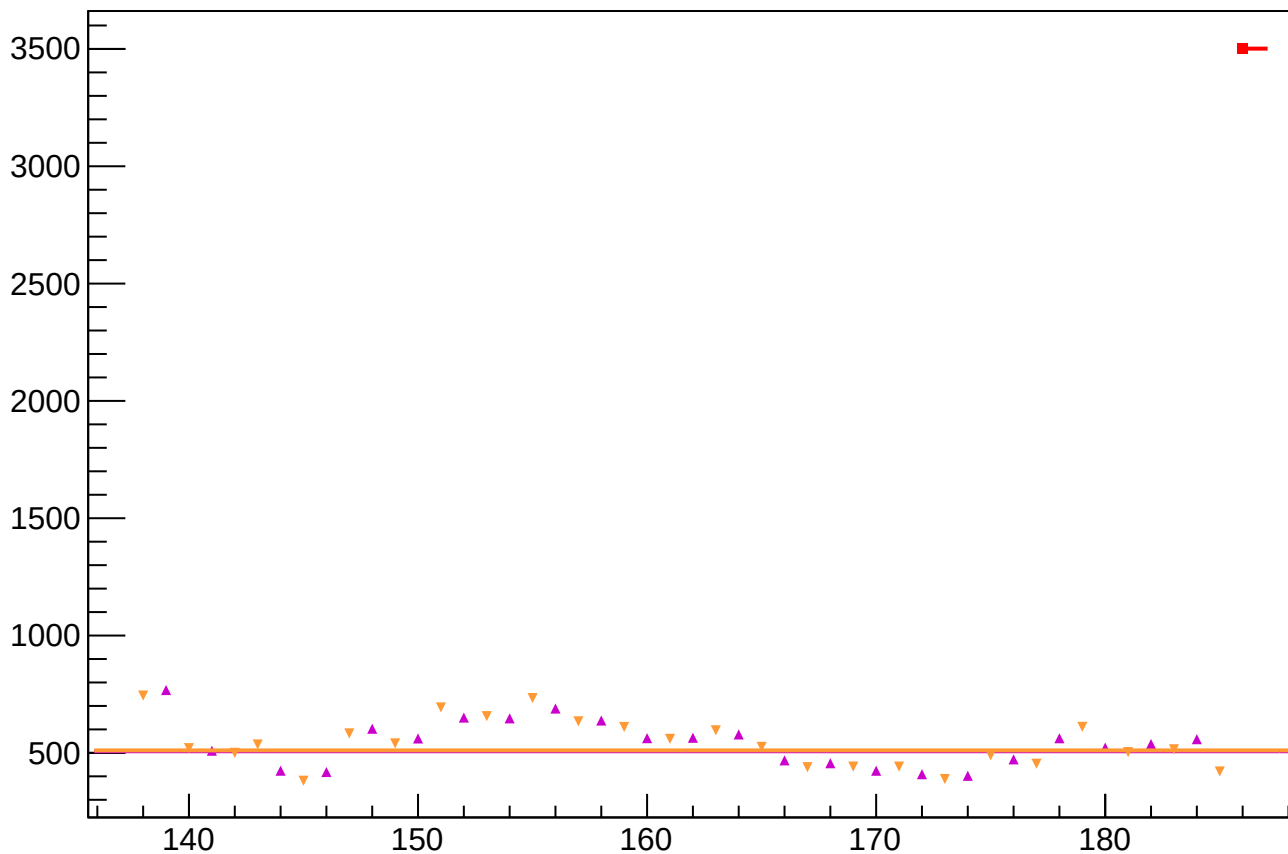
Left In: -101.332+/-122.813 χ^2/NDF : 21.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -356.693+/-86.291 χ^2/NDF : 95.2/48

- sign -98.120+/-122.785 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: 510.503+/-0.086 χ^2/NDF :1193161.7/24

Right Out: 3501.385+/-4.054 χ^2/NDF : 0.0/0

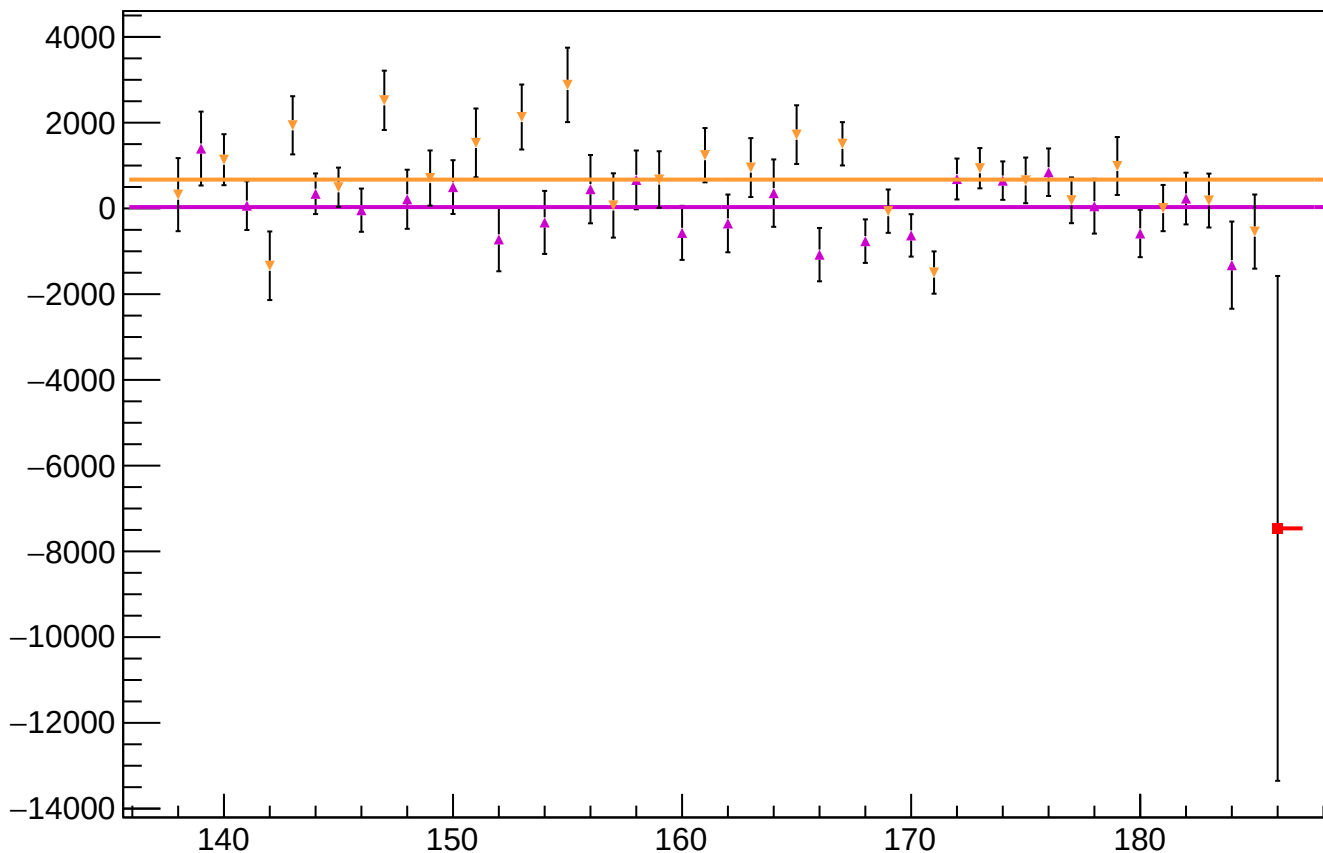
Left In: 506.907+/-0.087 χ^2/NDF :1088118.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.405+/-0.061 χ^2/NDF : 2826916.3/48

- sign 508.280+/-0.087 χ^2/NDF : 1633422.8/23

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

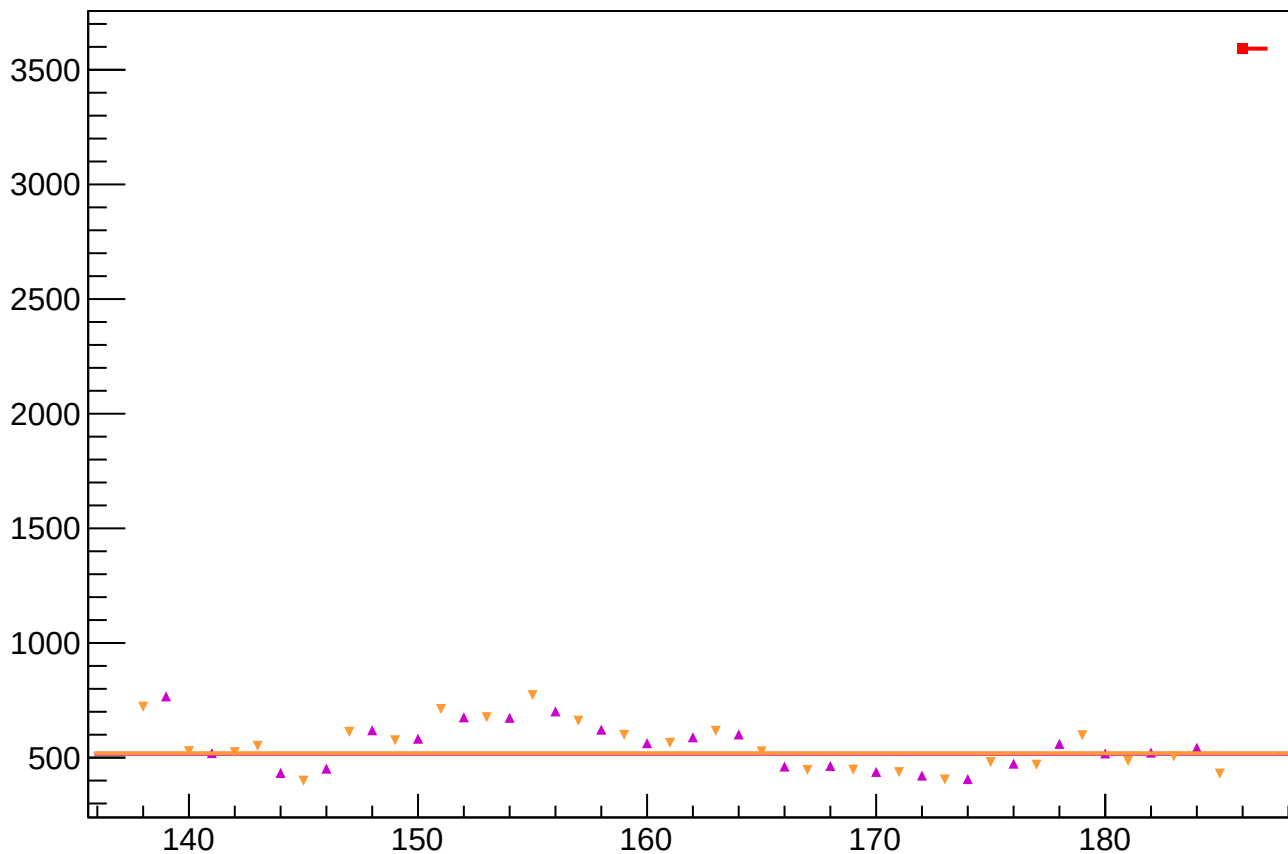
Left In: 31.056+/-125.236 χ^2/NDF : 23.8/22

+ 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

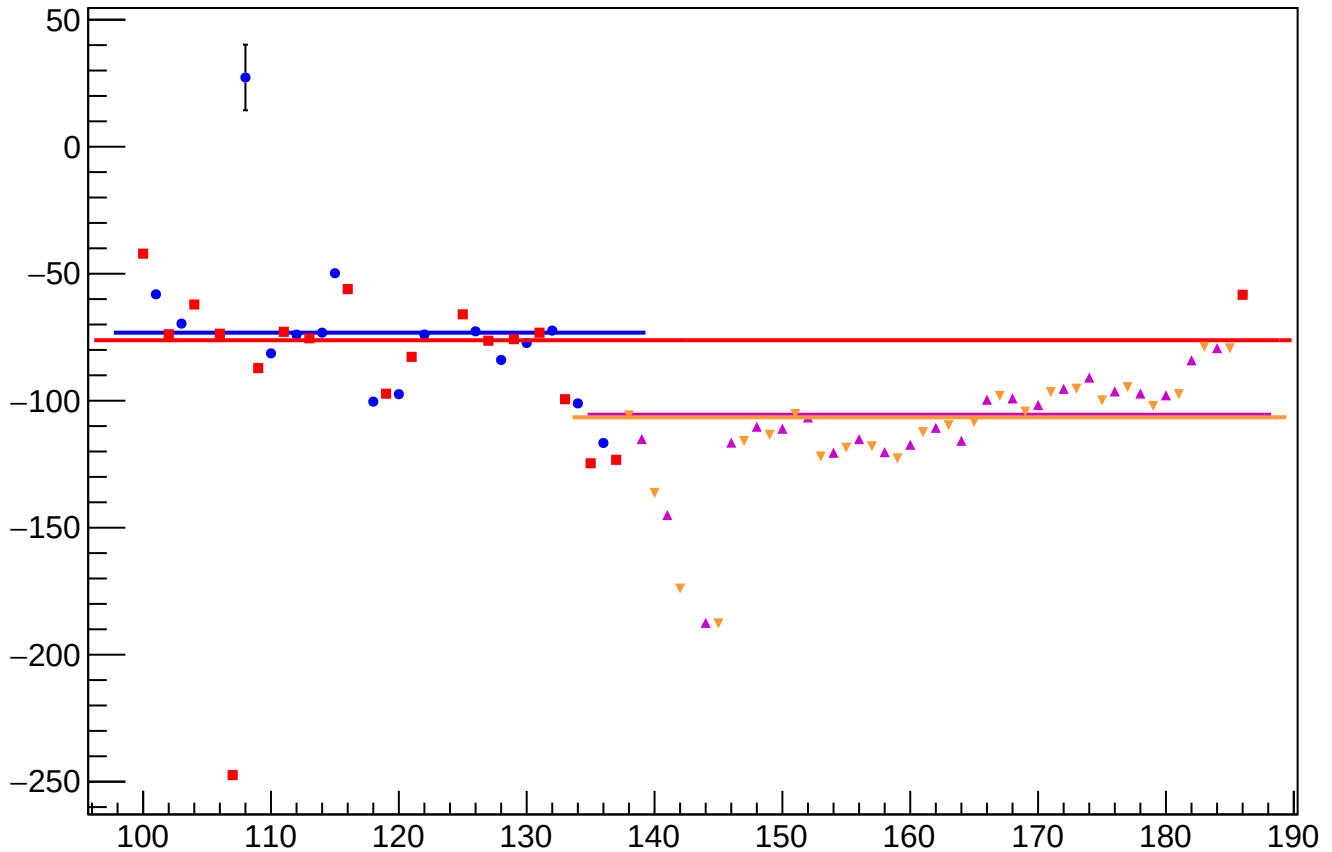
Left In: 516.594+/-0.089 χ^2/NDF :1036092.8/22

+ 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



Right In: -73.209 ± 0.000 χ^2/NDF : 127655.5/15

Left Out: -106.530 ± 0.050 χ^2/NDF : 86114.7/23

Right Out: -76.195 ± 0.087 χ^2/NDF : 57656.4/18

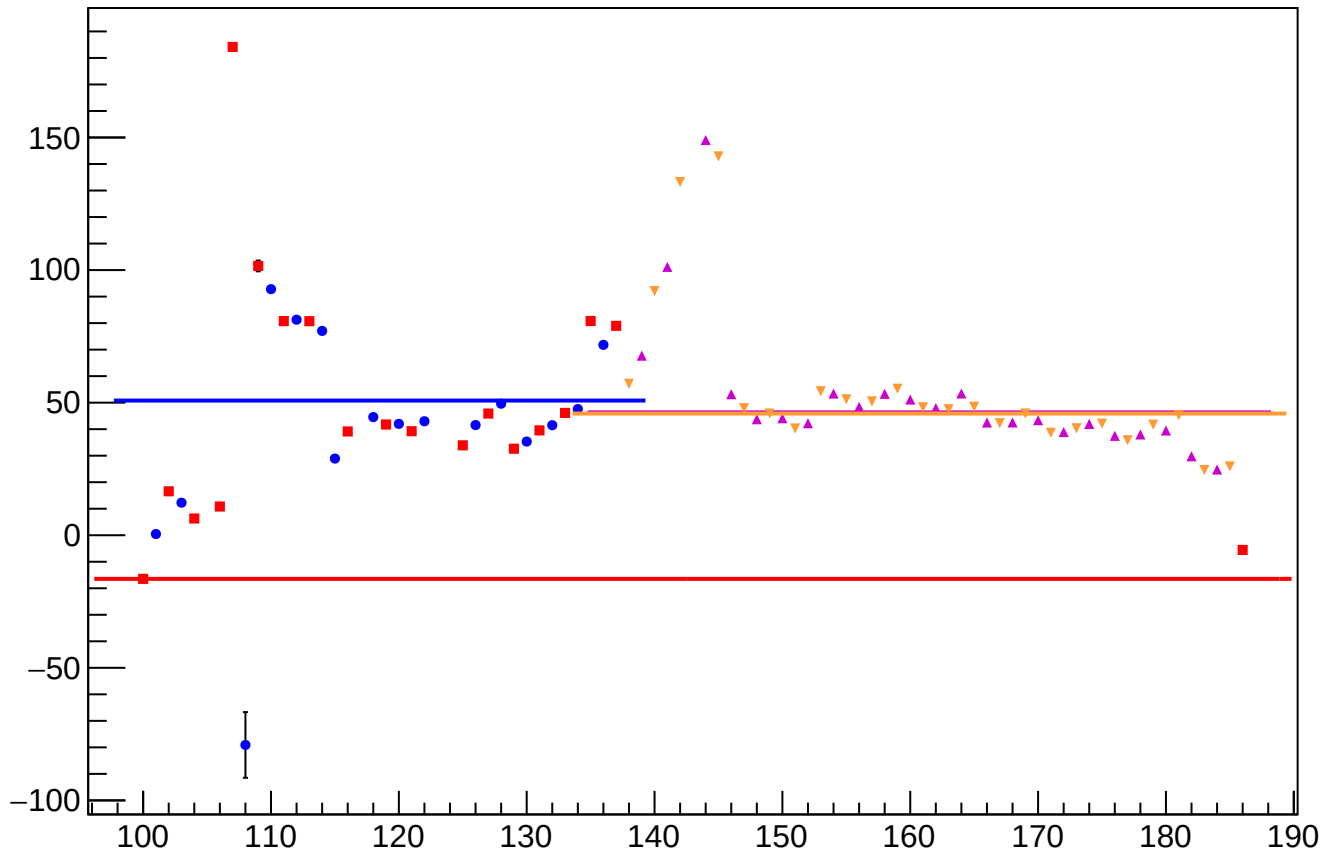
Left In: -105.520 ± 0.046 χ^2/NDF : 128731.9/22

+ sign -73.209 ± 0.000 χ^2/NDF : 662967.2/39

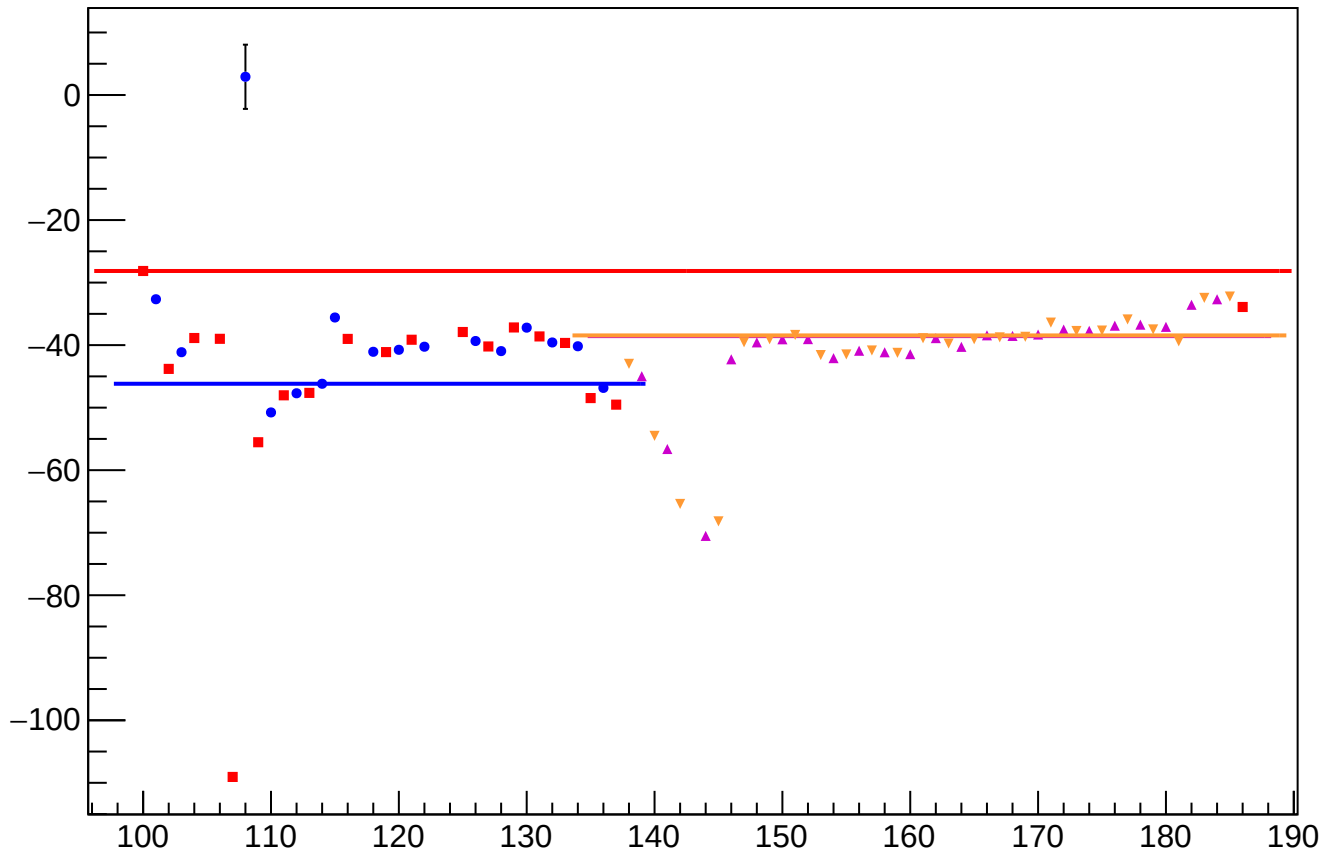
All: -73.209 ± 0.000 χ^2/NDF : 1351471.7/81

- sign -99.225 ± 0.040 χ^2/NDF : 274962.6/41

dit_usl_4eX_slope vs Slug



dit_usl_11X12X_slope vs Slug



Right In: -46.180 ± 0.000 $\chi^2/\text{NDF}: 472878.7/15$

Left Out: -38.448 ± 0.006 $\chi^2/\text{NDF}: 406675.3/23$

Right Out: -28.144 ± 0.000 $\chi^2/\text{NDF}: 730158.1/18$

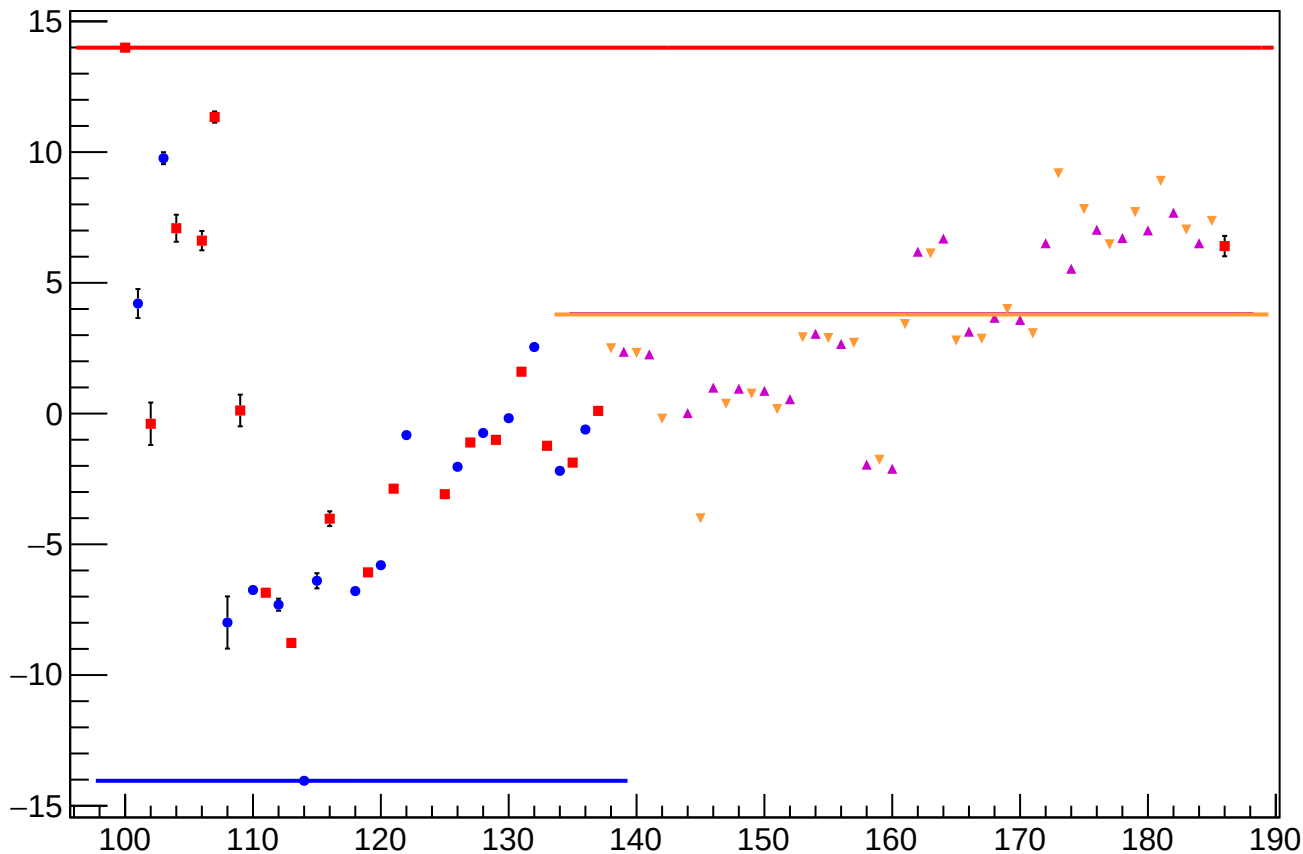
Left In: -38.560 ± 0.007 $\chi^2/\text{NDF}: 334709.2/22$

+ sign -46.180 ± 0.000 $\chi^2/\text{NDF}: 2716745.3/39$

All: -33.813 ± 0.000 $\chi^2/\text{NDF}: 539977182263$

- sign -28.144 ± 0.000 $\chi^2/\text{NDF}: 3596271.1/41$

dit_usl_4aY_slope vs Slug



Right In: -14.044 ± 0.000 χ^2/NDF : 759846.3/15

Left Out: 3.790 ± 0.007 χ^2/NDF : 202429.5/23

Right Out: 13.994 ± 0.000 χ^2/NDF : 390271.5/18

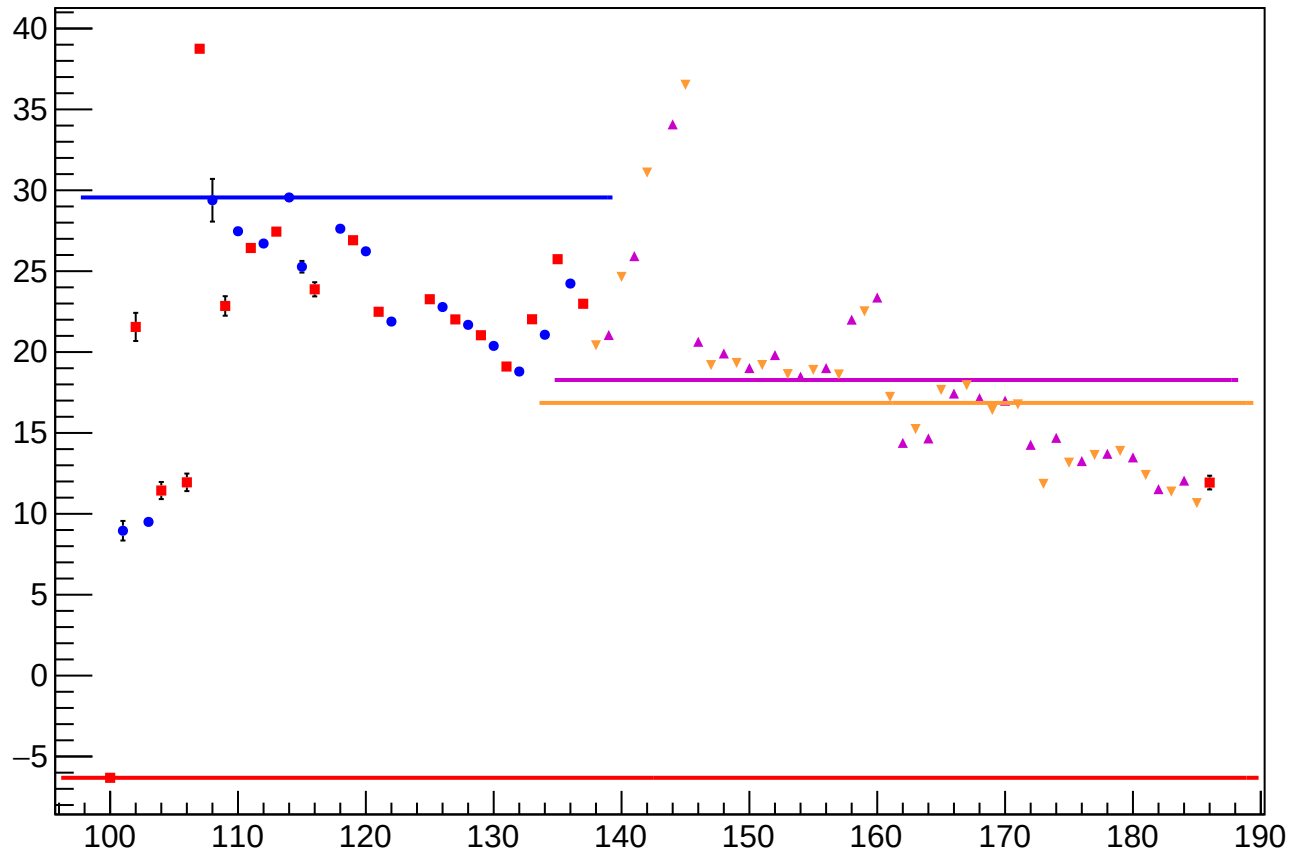
Left In: 3.809 ± 0.006 χ^2/NDF : 229467.1/22

+ sign -14.044 ± 0.000 χ^2/NDF : 7544592.1/39

All: 5.182 ± 0.000 χ^2/NDF : 4697963324518

- sign 13.994 ± 0.000 χ^2/NDF : 3652821.1/41

dit_usl_4eY_slope vs Slug



Right In: 29.557 $\pm$ 0.000 χ^2 /NDF: 88755.1/15

Left Out: 16.857 $\pm$ 0.007 χ^2 /NDF: 184038.5/23

Right Out: -6.317 $\pm$ 0.000 χ^2 /NDF: 1632349.1/18

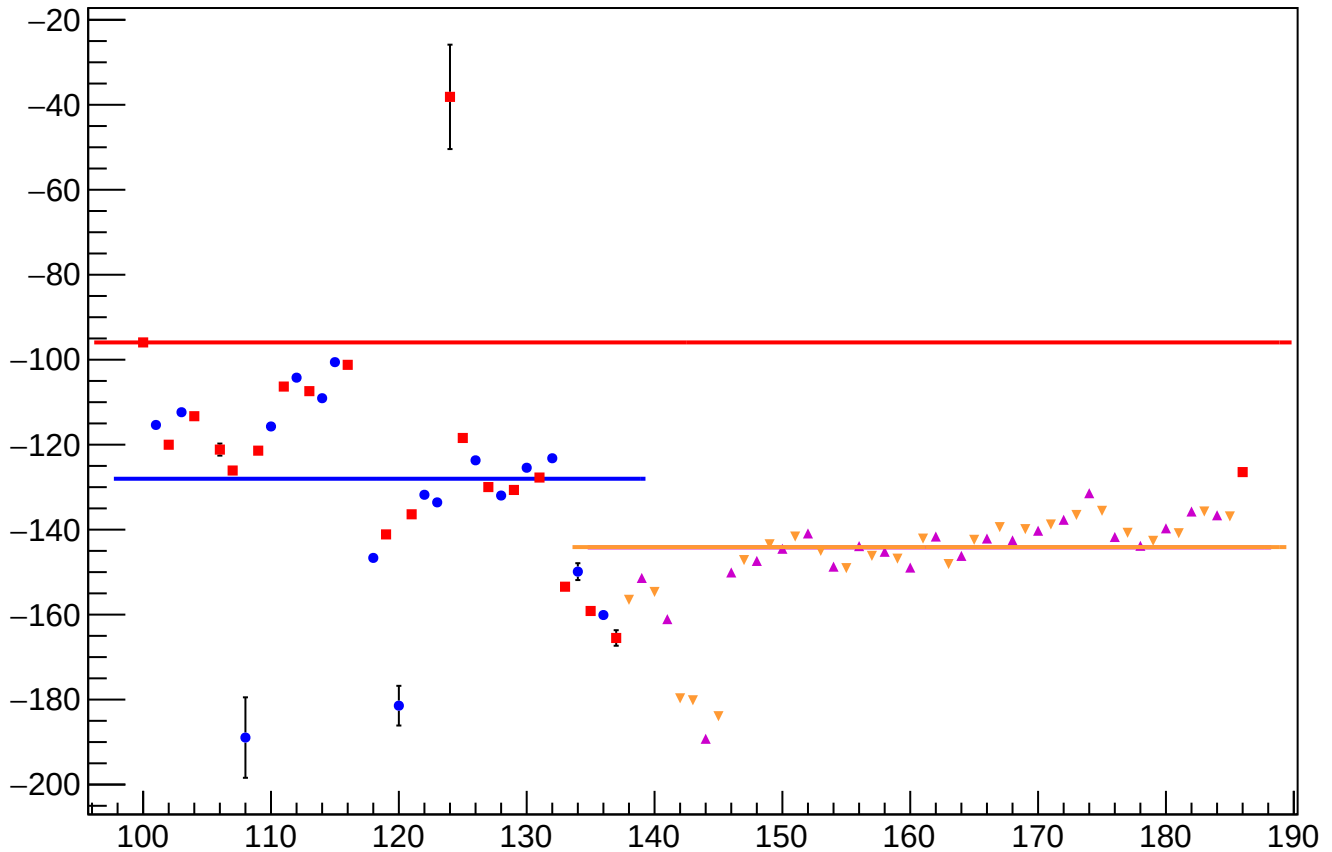
Left In: 18.272 $\pm$ 0.007 χ^2 /NDF: 237719.2/22

+ sign 29.557 $\pm$ 0.000 χ^2 /NDF: 3457983.4/39

All: -2.629 $\pm$ 0.000 χ^2 /NDF: 1006300357398

- sign -6.317 $\pm$ 0.000 χ^2 /NDF: 13758426.1/41

dit_usr_4aX_slope vs Slug



Right In: -128.021+/-0.098 χ^2/NDF : 38162.5/16

Left Out: -144.107+/-0.041 χ^2/NDF : 43993.9/24

Right Out: -95.934+/-0.000 χ^2/NDF : 193953.8/19

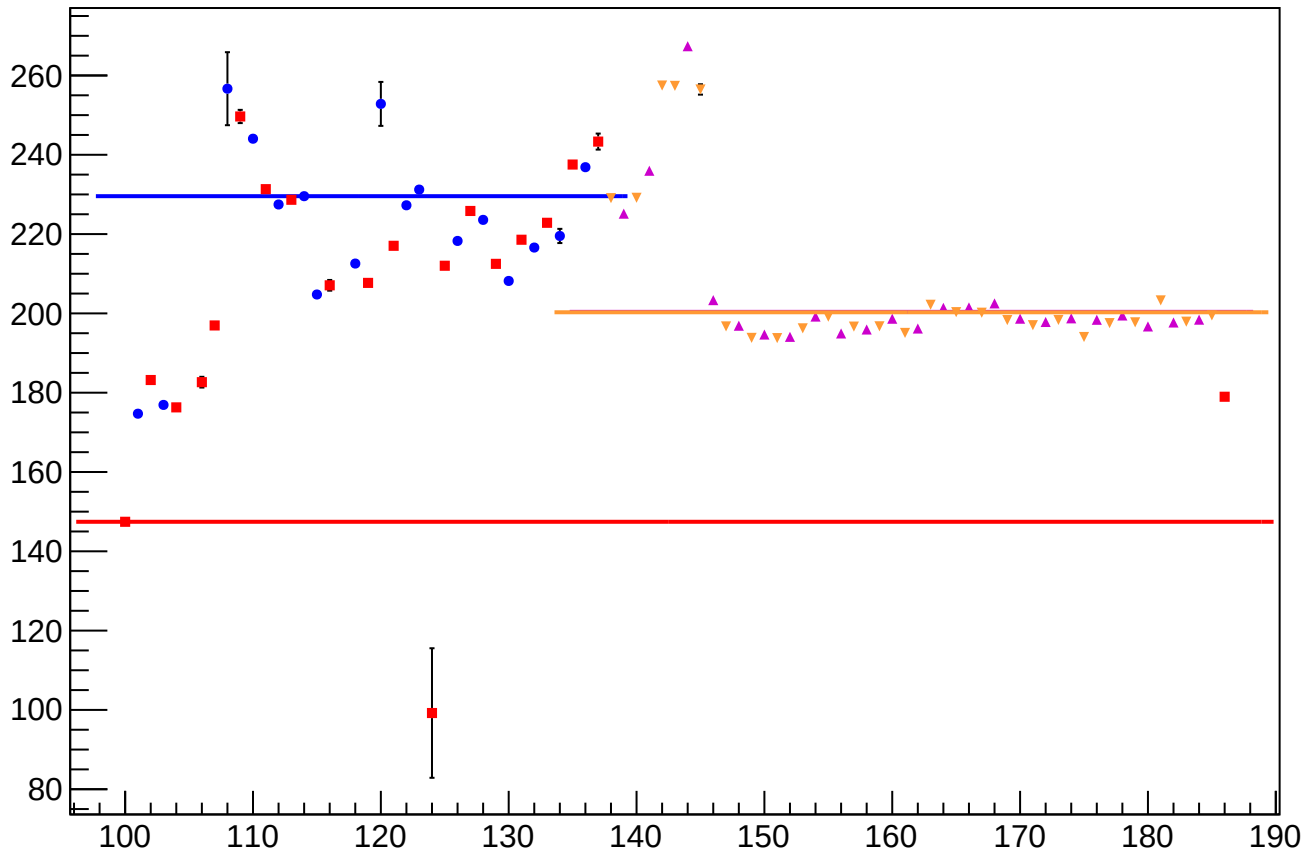
Left In: -144.184+/-0.045 χ^2/NDF : 34723.9/22

+ sign -141.708+/-0.038 χ^2/NDF : 104951.3/41

All: -95.934+/-0.000 χ^2/NDF : 2934248.9/84

- sign -95.934+/-0.000 χ^2/NDF : 1374806.1/42

dit_usr_4eX_slope vs Slug



Right In: 229.560 $\pm$ 0.000 χ^2 /NDF: 37813.1/16

Left Out: 200.282 $\pm$ 0.034 χ^2 /NDF: 109893.0/24

Right Out: 147.445 $\pm$ 0.000 χ^2 /NDF: 623371.0/19

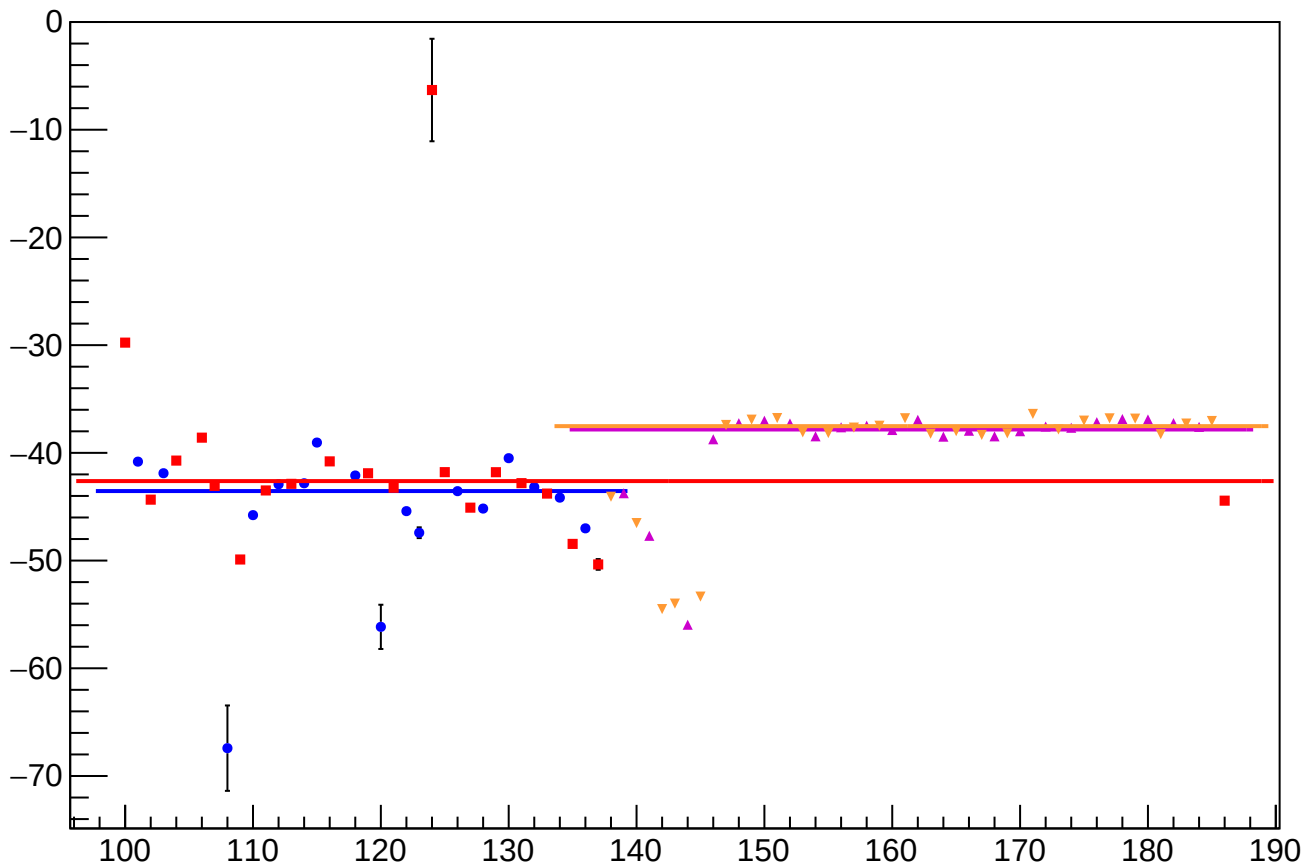
Left In: 200.386 $\pm$ 0.039 χ^2 /NDF: 77918.6/22

+ sign 229.560 $\pm$ 0.000 χ^2 /NDF: 887611.2/41

All: 173.253 $\pm$ 0.000 χ^2 /NDF: 157405034293

- sign 147.445 $\pm$ 0.000 χ^2 /NDF: 2530441.3/42

dit_usr_11X12X_slope vs Slug



Right In: -43.546 ± 0.023 χ^2/NDF : 12997.3/16

Left Out: -37.519 ± 0.004 χ^2/NDF : 252804.2/24

Right Out: -42.620 ± 0.020 χ^2/NDF : 7686.8/19

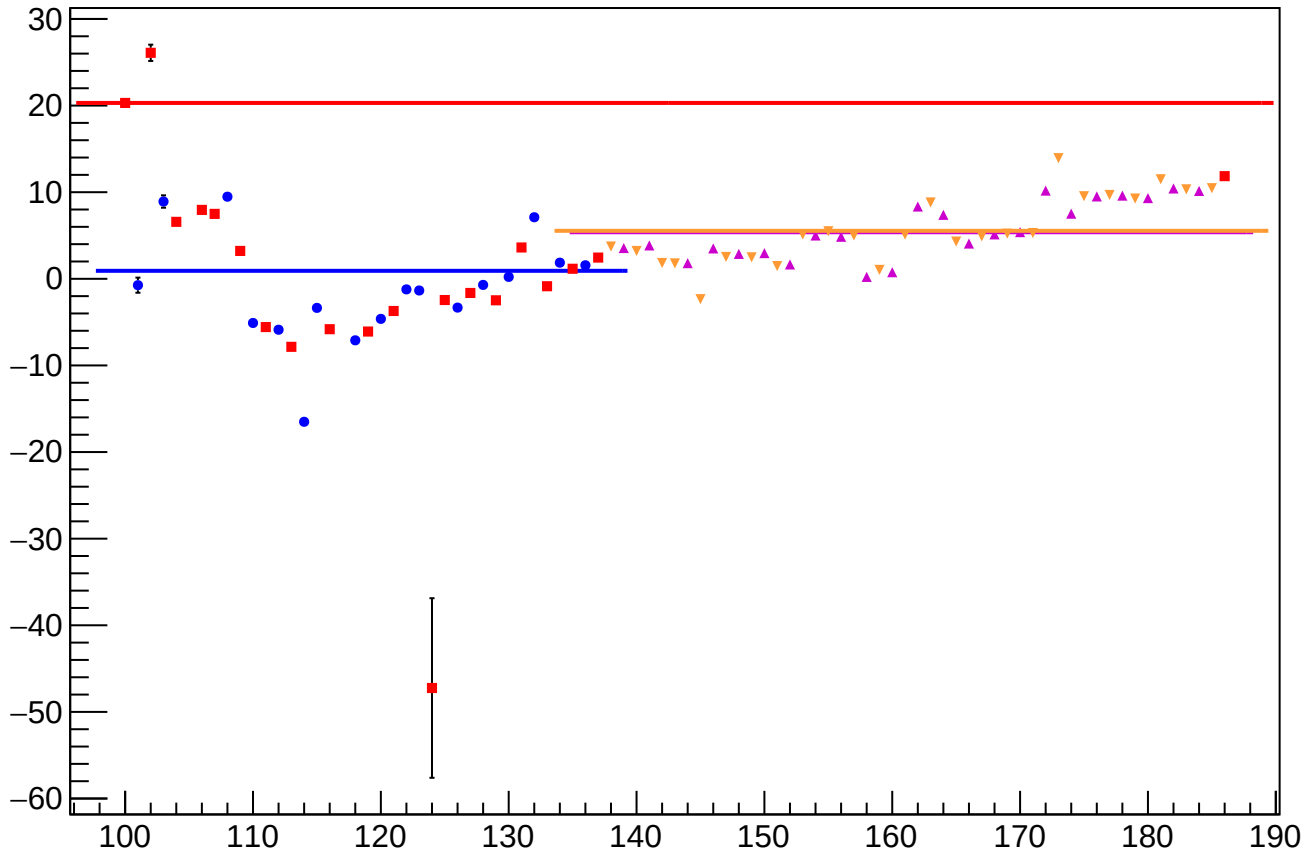
Left In: -37.832 ± 0.004 χ^2/NDF : 142924.4/22

+ sign -37.671 ± 0.004 χ^2/NDF : 332905.6/41

All: -37.829 ± 0.003 χ^2/NDF : 541469.1/84

- sign -38.026 ± 0.004 χ^2/NDF : 204351.0/42

dit_usr_4aY_slope vs Slug



Right In: 0.923 ± 0.020 χ^2/NDF : 21353.5/16

Left Out: 5.540 ± 0.006 χ^2/NDF : 301383.7/24

Right Out: 20.304 ± 0.000 χ^2/NDF : 918855.3/19

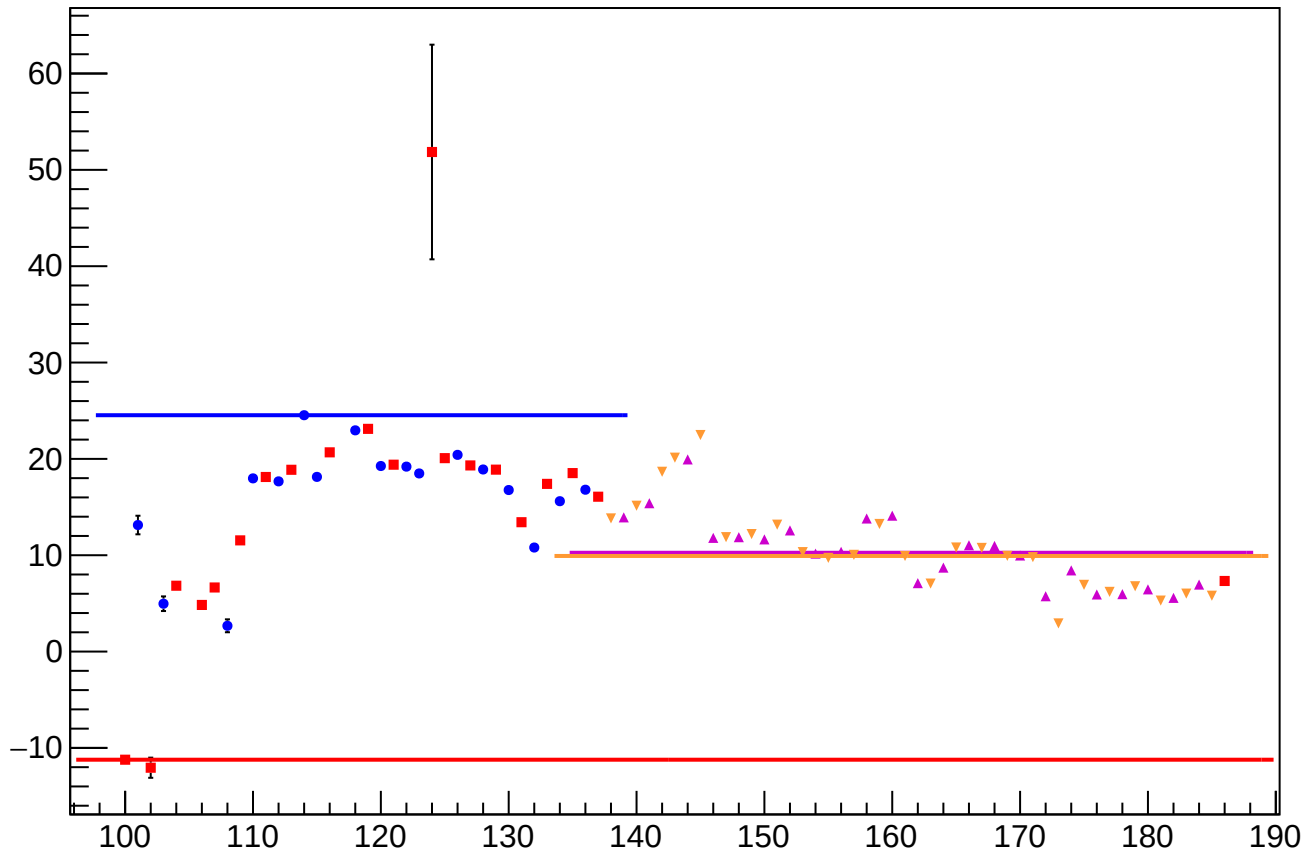
Left In: 5.375 ± 0.007 χ^2/NDF : 205713.7/22

+ sign 5.201 ± 0.005 χ^2/NDF : 371159.6/41

All: 20.304 ± 0.000 χ^2/NDF : 14206025.9/84

- sign 20.304 ± 0.000 χ^2/NDF : 6225102.0/42

dit_usr_4eY_slope vs Slug



Right In: 24.533+/-0.000 χ^2/NDF : 119839.5/16

Left Out: 9.923+/-0.007 χ^2/NDF : 204729.3/24

Right Out: -11.224+/-0.000 χ^2/NDF : 2206122.0/19

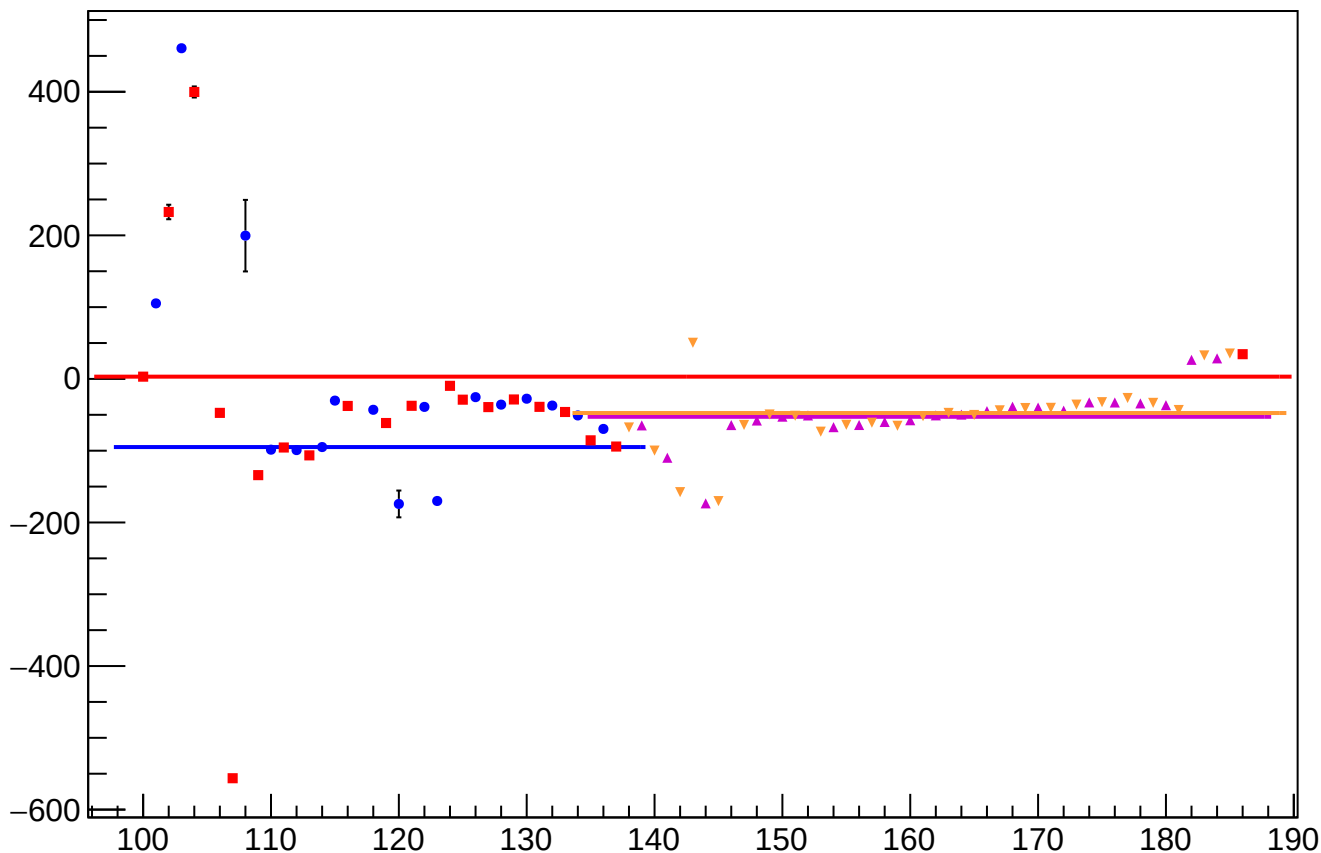
Left In: 10.254+/-0.008 χ^2/NDF : 137399.6/22

+ sign 24.533+/-0.000 χ^2/NDF : 4500187.3/41

All: -7.548+/-0.000 χ^2/NDF : 2499340702901

- sign -11.224+/-0.000 χ^2/NDF : 9391925.3/42

dit_atl1_4aX_slope vs Slug



Right In: -94.927 ± 0.000 χ^2/NDF : 718777.6/16

Left Out: -47.513 ± 0.088 χ^2/NDF : 90964.1/24

Right Out: 3.148 ± 0.000 χ^2/NDF : 61210548.7/19

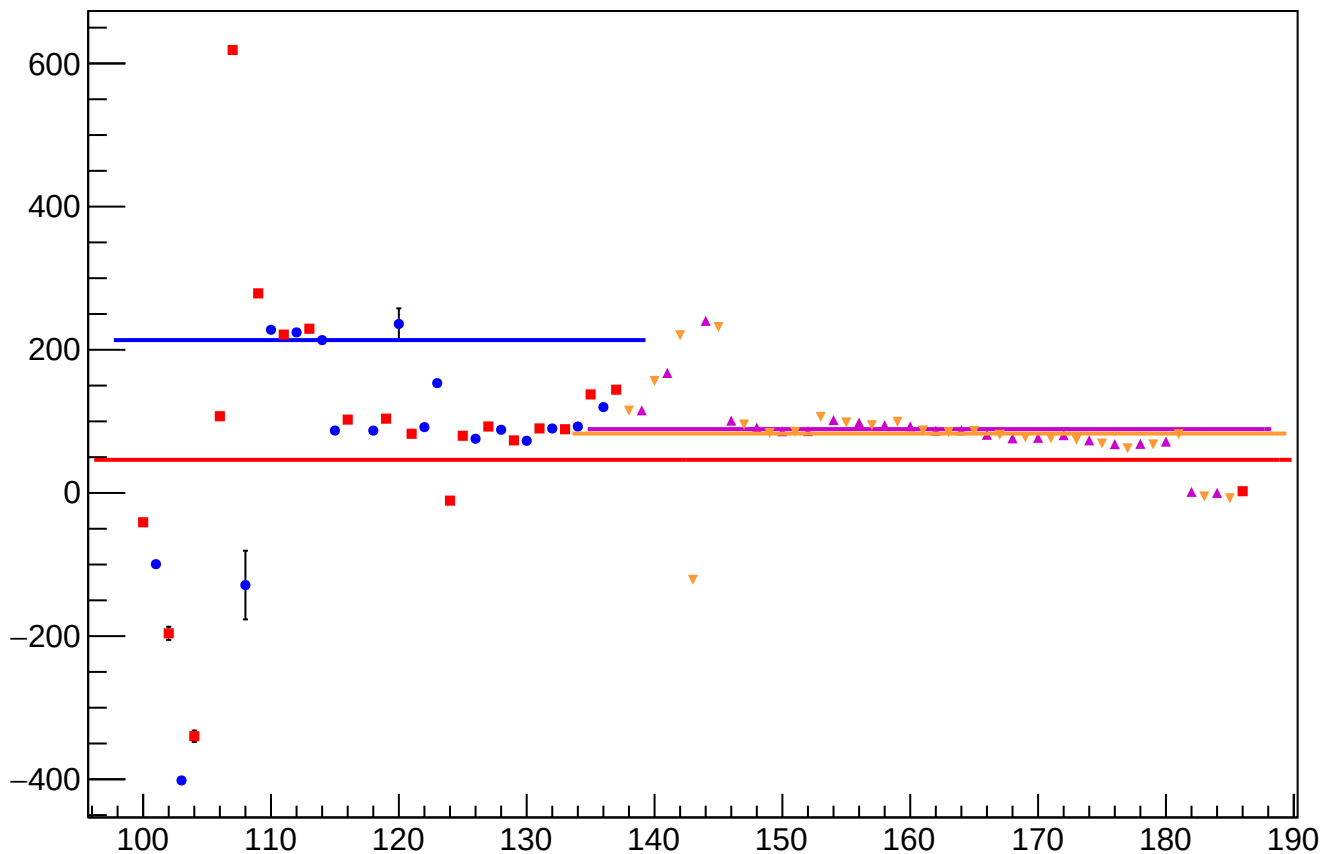
Left In: -52.769 ± 0.103 χ^2/NDF : 70359.7/22

+ sign -94.927 ± 0.000 χ^2/NDF : 1099135.4/41

All: 2.973 ± 0.000 χ^2/NDF : 52299232074263

- sign 3.148 ± 0.000 χ^2/NDF : 61575172.3/42

dit_atl1_4eX_slope vs Slug



Right In: 213.523 $\pm$ 0.000 χ^2 /NDF: 2690617.8/16

Left Out: 82.933 $\pm$ 0.077 χ^2 /NDF: 212577.9/24

Right Out: 46.287 $\pm$ 0.129 χ^2 /NDF: 328356.3/19

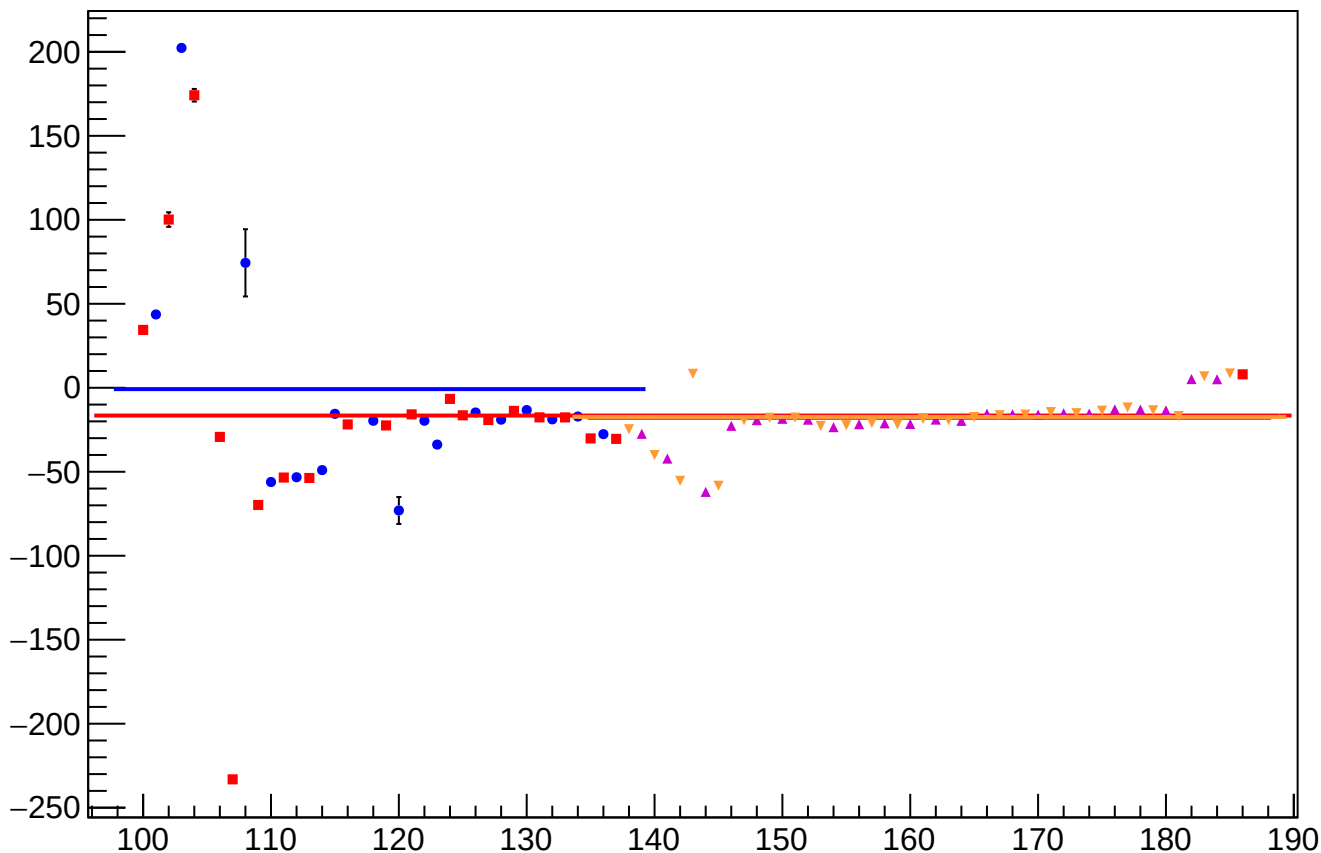
Left In: 89.202 $\pm$ 0.090 χ^2 /NDF: 95378.9/22

+ sign 213.523 $\pm$ 0.000 χ^2 /NDF: 5749780.0/41

All: 213.523 $\pm$ 0.000 χ^2 /NDF: 9769005.3/84

- sign 75.168 $\pm$ 0.074 χ^2 /NDF: 498286.7/42

dit_atl1_11X12X_slope vs Slug



Right In: -0.799 ± 0.031 χ^2/NDF : 2816818.1/16

Left Out: -17.358 ± 0.010 χ^2/NDF : 711613.1/24

Right Out: -16.532 ± 0.038 χ^2/NDF : 323021.0/19

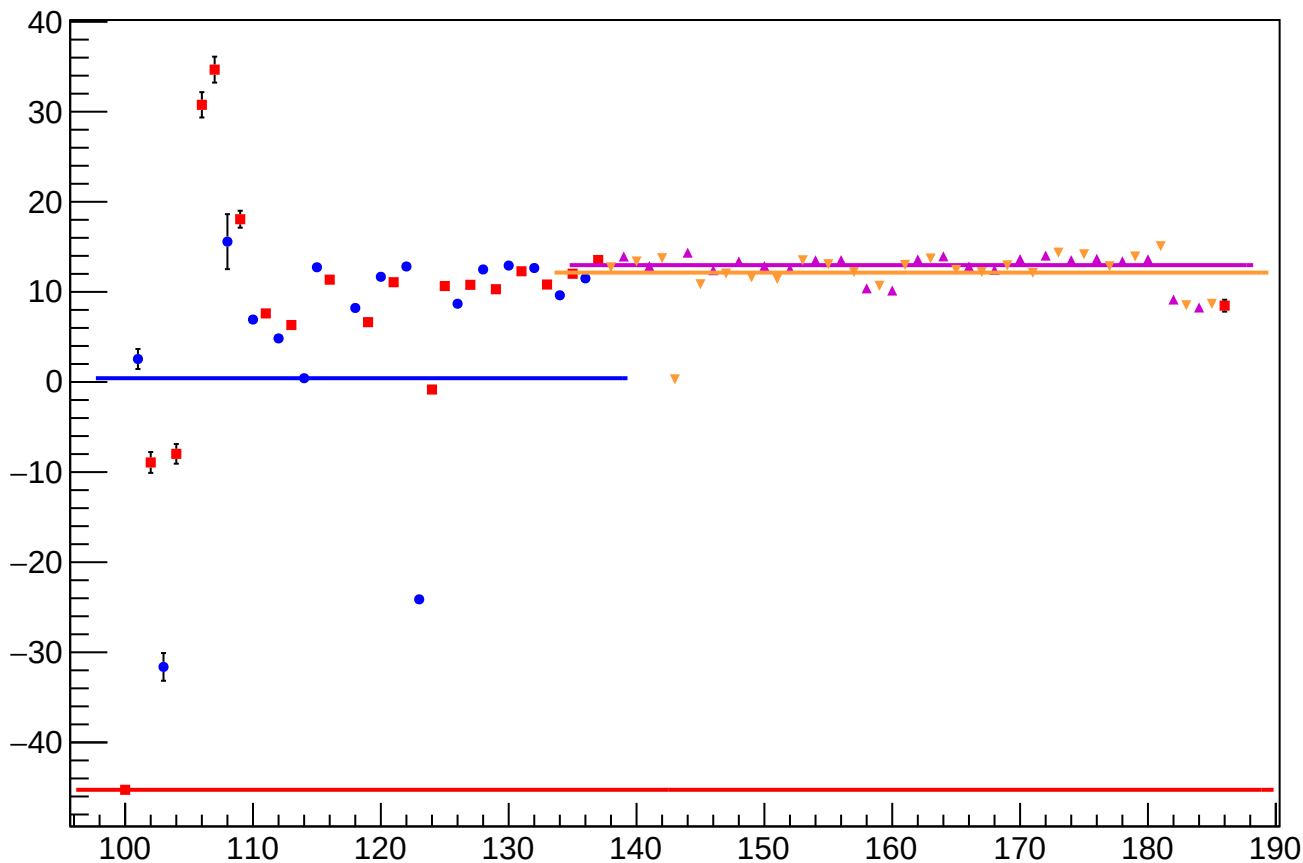
Left In: -17.854 ± 0.012 χ^2/NDF : 251583.5/22

+ sign -15.830 ± 0.010 χ^2/NDF : 3781751.6/41

All: -16.597 ± 0.007 χ^2/NDF : 4373523.7/84

- sign -17.733 ± 0.012 χ^2/NDF : 575690.2/42

dit_atl1_4aY_slope vs Slug



Right In: 0.420 ± 0.000 χ^2/NDF : 84744.6/16

Left Out: 12.143 ± 0.014 χ^2/NDF : 35326.3/24

Right Out: -45.259 ± 0.000 χ^2/NDF : 1305257.0/19

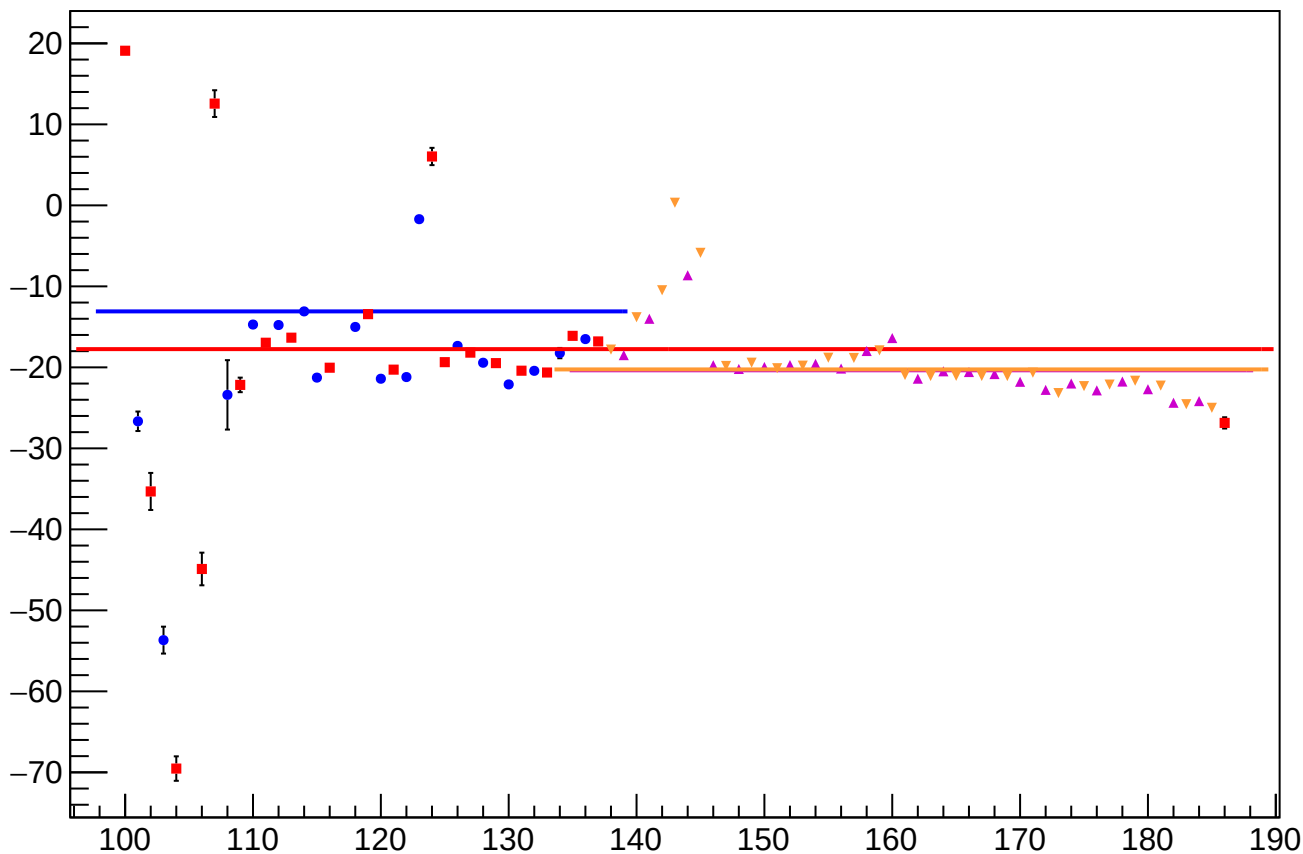
Left In: 12.971 ± 0.011 χ^2/NDF : 9592.9/22

+ sign 0.420 ± 0.000 χ^2/NDF : 859049.7/41

All: 0.419 ± 0.000 χ^2/NDF : 24797052003265

- sign -45.259 ± 0.000 χ^2/NDF : 28103448.4/42

dit_atl1_4eY_slope vs Slug



Right In: -13.090 ± 0.000 χ^2/NDF : 30071.6/16

Left Out: -20.255 ± 0.014 χ^2/NDF : 69246.8/24

Right Out: -17.749 ± 0.048 χ^2/NDF : 14808.3/19

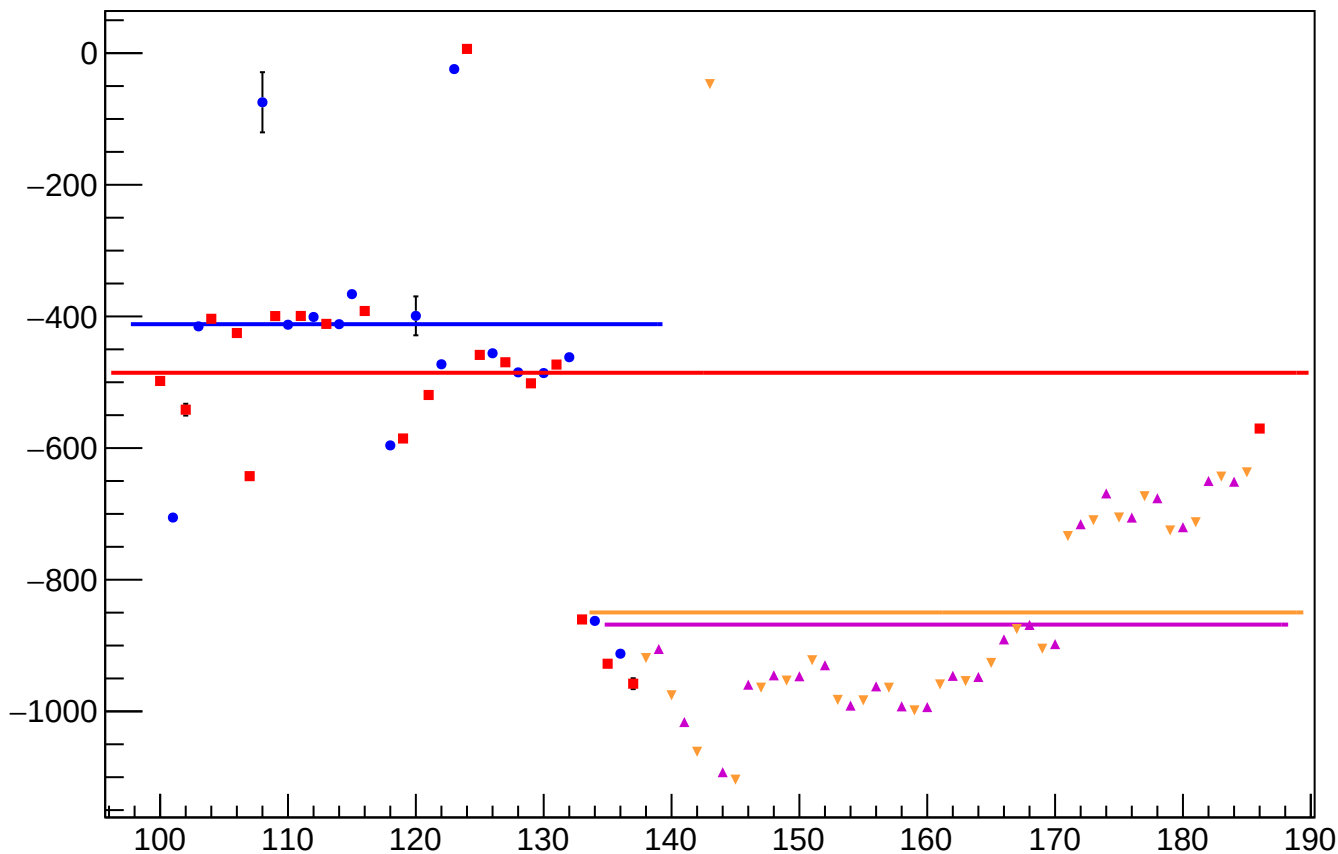
Left In: -20.362 ± 0.015 χ^2/NDF : 19964.2/22

+ sign -13.090 ± 0.000 χ^2/NDF : 343858.7/41

All: -13.090 ± 0.000 χ^2/NDF : 619106.8/84

- sign -20.124 ± 0.014 χ^2/NDF : 37490.8/42

dit_atl2_4aX_slope vs Slug



Right In: -411.771 ± 0.000 χ^2/NDF : 984974.9/16

Left Out: -849.714 ± 0.142 χ^2/NDF : 1033131.9/24

Right Out: -485.571 ± 0.161 χ^2/NDF : 613366.8/19

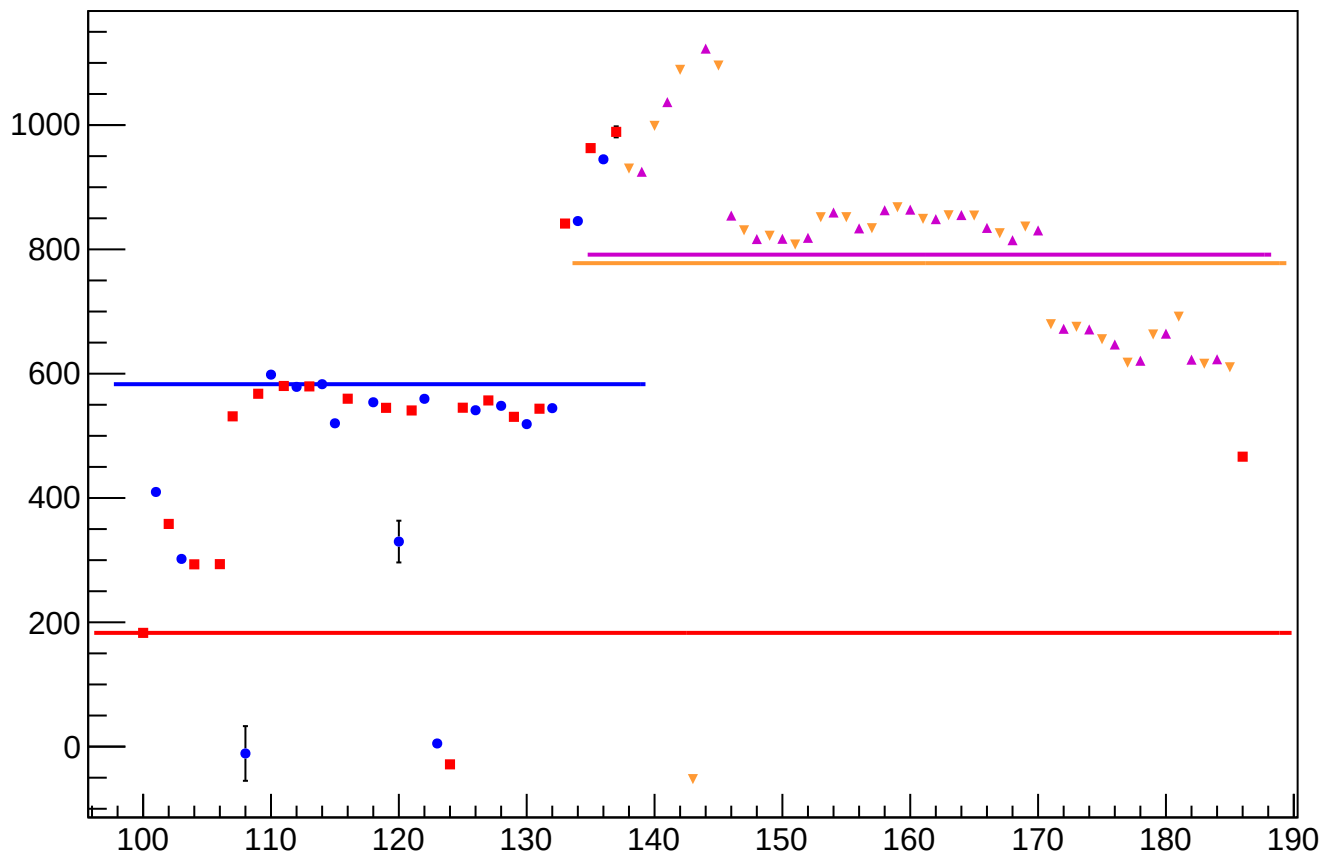
Left In: -868.181 ± 0.145 χ^2/NDF : 820548.1/22

+ sign -411.771 ± 0.000 χ^2/NDF : 11467517.7/41

All: -411.771 ± 0.000 χ^2/NDF : 22969204.2/8

- sign -696.825 ± 0.108 χ^2/NDF : 4536785.8/42

dit_atl2_4eX_slope vs Slug



Right In: 583.096+/-0.000 χ^2/NDF : 1695243.6/16

Left Out: 777.823+/-0.119 χ^2/NDF : 931413.4/24

Right Out: 182.993+/-0.000 χ^2/NDF : 3536558.3/19

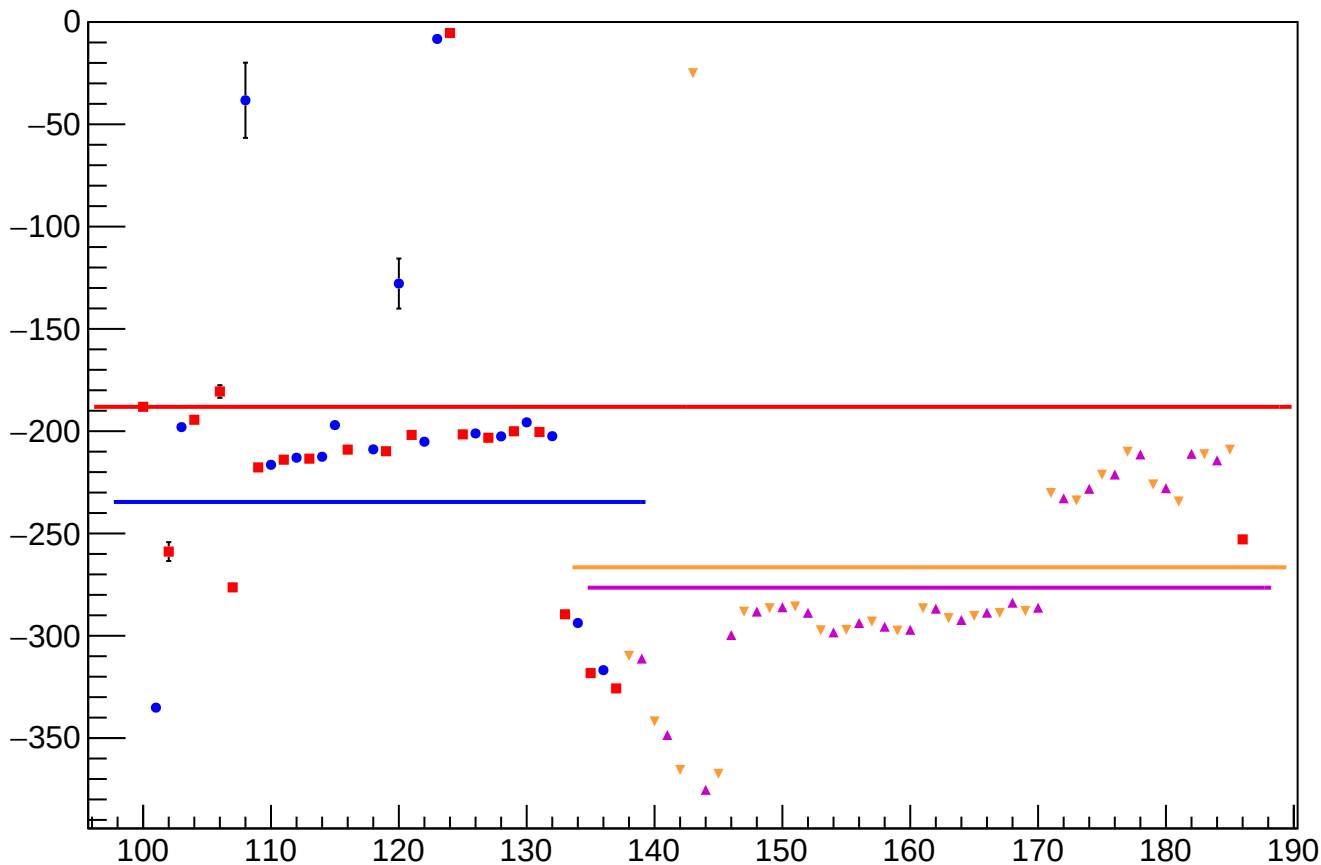
Left In: 791.519+/-0.122 χ^2/NDF : 690326.2/22

+ sign 583.096+/-0.000 χ^2/NDF : 5324050.7/41

All: 224.125+/-0.000 χ^2/NDF : 122237113759

- sign 182.993+/-0.000 χ^2/NDF : 29237642.2/42

dit_atl2_11X12X_slope vs Slug



Right In: -234.595+/-0.057 χ^2/NDF : 1034543.3/16

Left Out: -266.521+/-0.021 χ^2/NDF : 7042321.6/24

Right Out: -188.094+/-0.000 χ^2/NDF : 766045.4/19

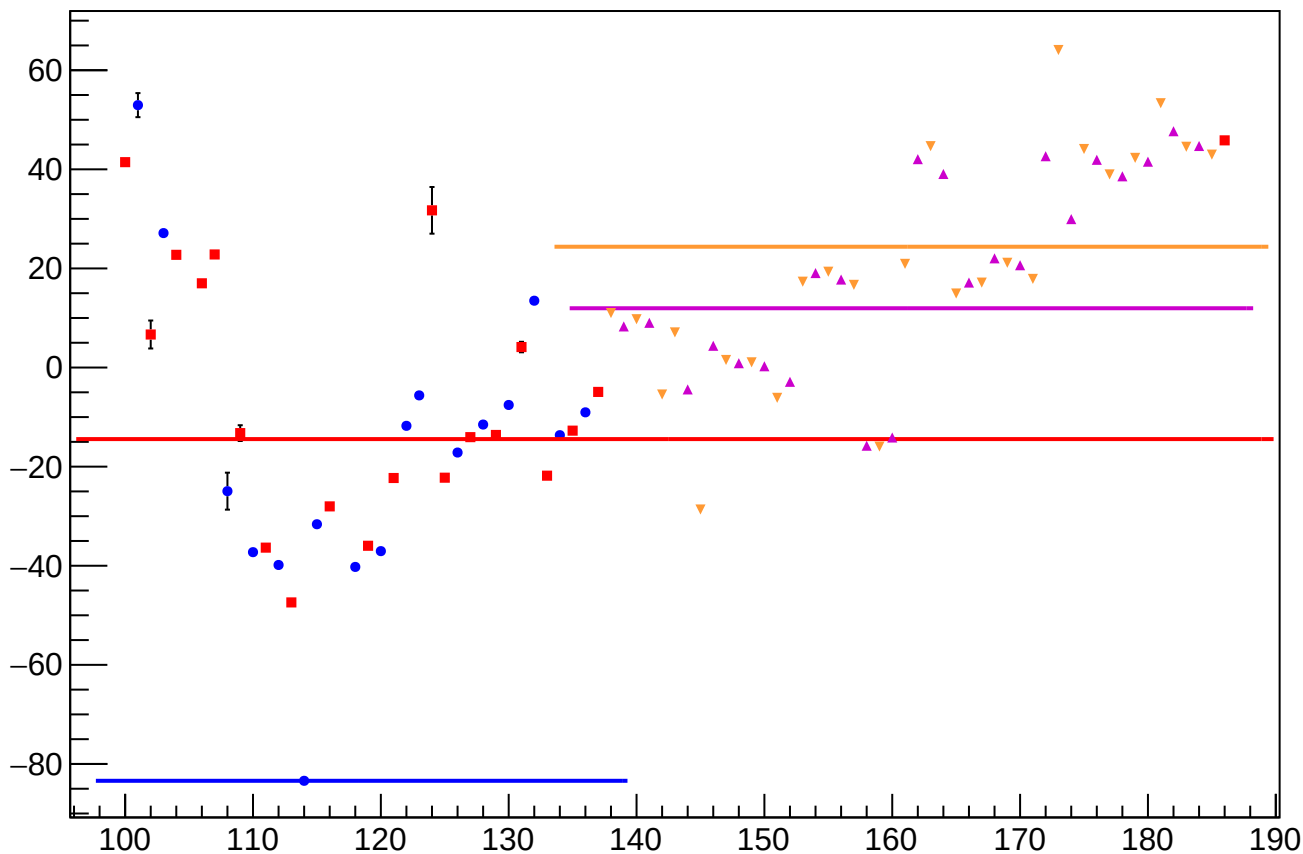
Left In: -276.494+/-0.022 χ^2/NDF : 2437121.4/22

+ sign -262.618+/-0.020 χ^2/NDF : 8357113.6/41

All: -188.094+/-0.000 χ^2/NDF : 41902288.2/8

- sign -188.094+/-0.000 χ^2/NDF : 19315806.6/42

dit_atl2_4aY_slope vs Slug



Right In: -83.399 ± 0.000 χ^2/NDF : 1111851.8/16

Left Out: 24.381 ± 0.019 χ^2/NDF : 1081339.1/24

Right Out: -14.440 ± 0.092 χ^2/NDF : 51104.0/19

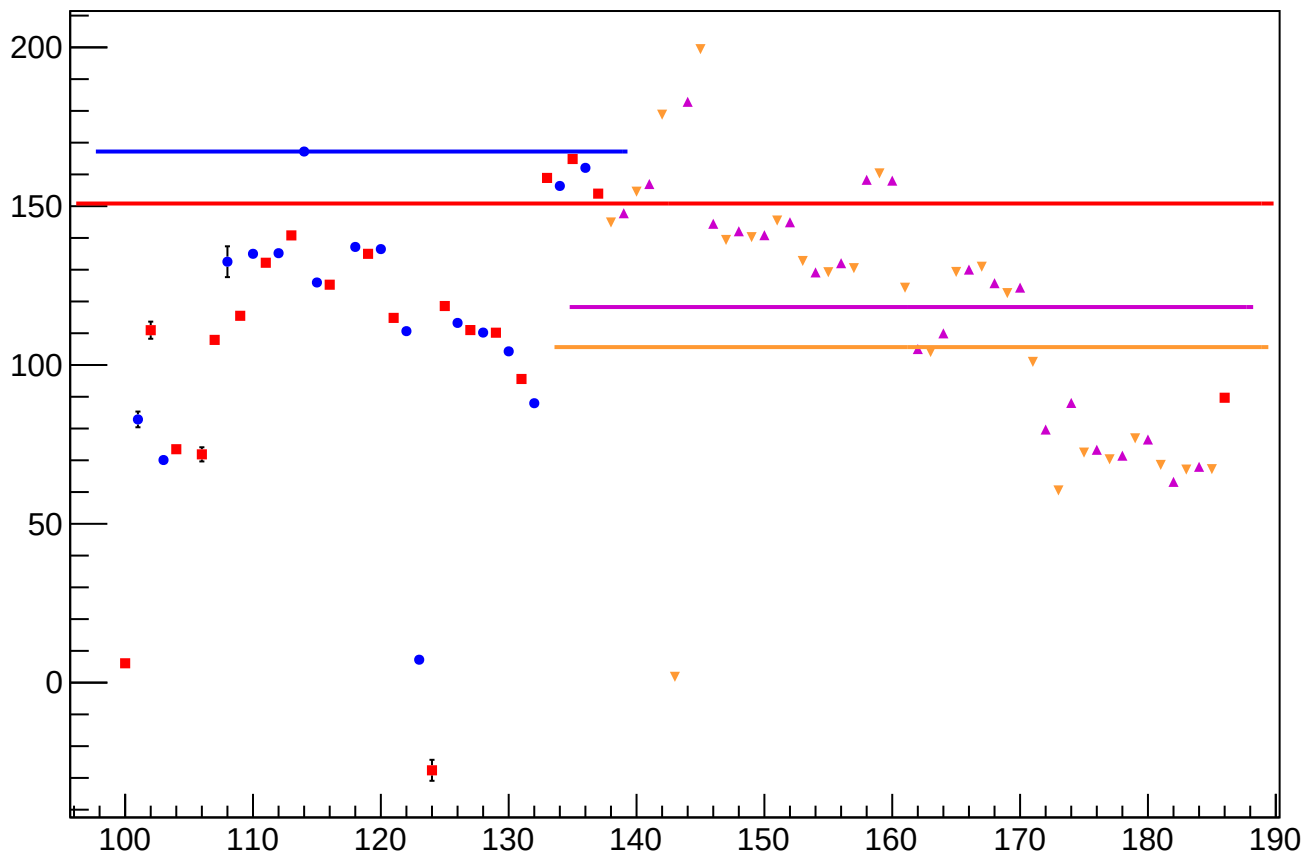
Left In: 11.963 ± 0.018 χ^2/NDF : 1338781.7/22

+ sign -83.399 ± 0.000 χ^2/NDF : 33581573.9/41

All: -83.399 ± 0.000 χ^2/NDF : 63450097.9/84

- sign 10.991 ± 0.018 χ^2/NDF : 1468675.4/42

dit_atl2_4eY_slope vs Slug



Right In: 167.207 $\pm$ 0.000 χ^2 /NDF: 377544.7/16

Left Out: 105.635 $\pm$ 0.024 χ^2 /NDF:1953919.9/24

Right Out: 150.841 $\pm$ 0.030 χ^2 /NDF: 260143.7/19

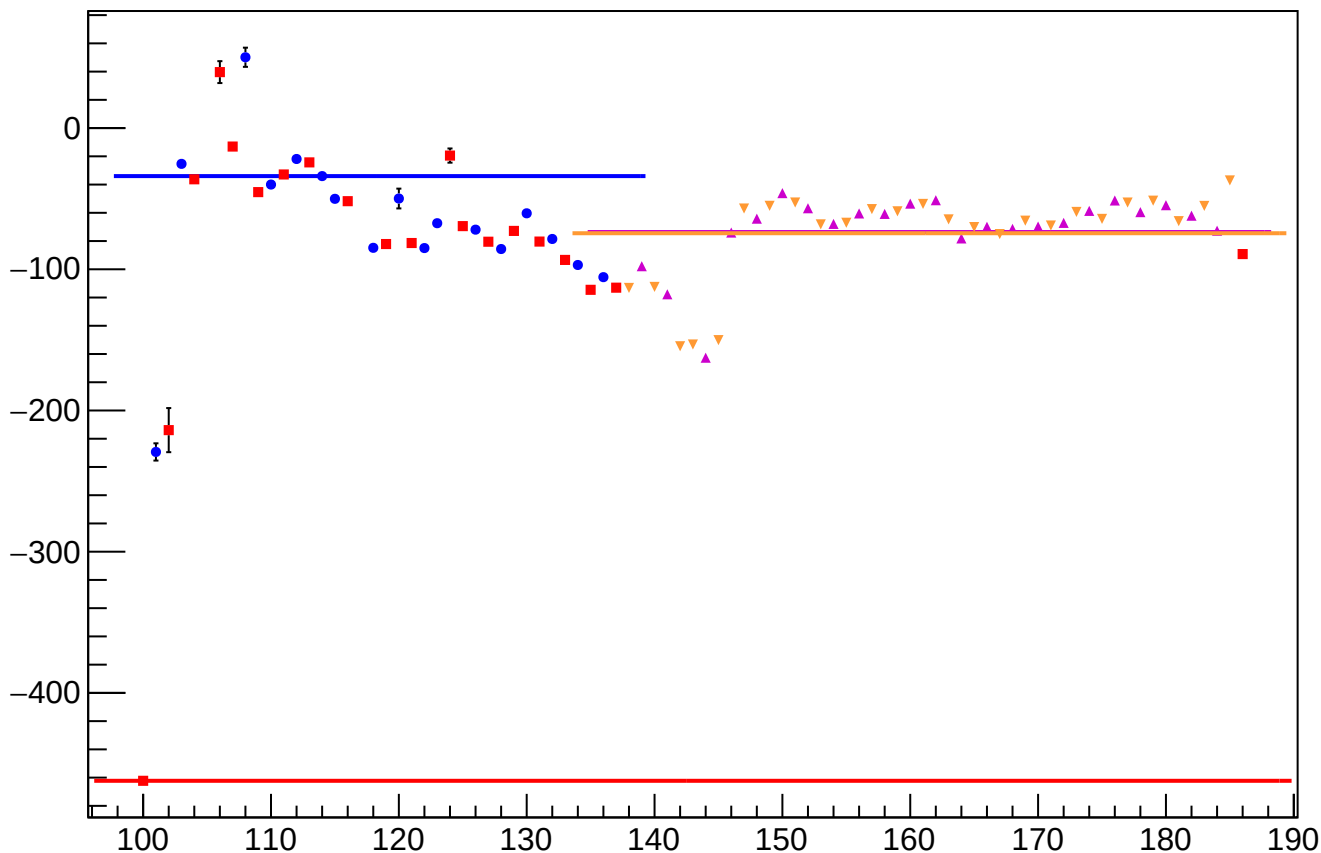
Left In: 118.249 $\pm$ 0.024 χ^2 /NDF:1825537.3/22

+ sign 167.207 $\pm$ 0.000 χ^2 /NDF: 9129251.8/41

All: 167.207 $\pm$ 0.000 χ^2 /NDF: 15808602.1/84

- sign 130.763 $\pm$ 0.019 χ^2 /NDF: 2816465.8/42

dit_atr1_4aX_slope vs Slug



Right In: -34.002 ± 0.000 χ^2/NDF : 103608.4/16

Left Out: -74.468 ± 0.109 χ^2/NDF : 71329.2/24

Right Out: -462.254 ± 0.000 χ^2/NDF : 5028814.5/19

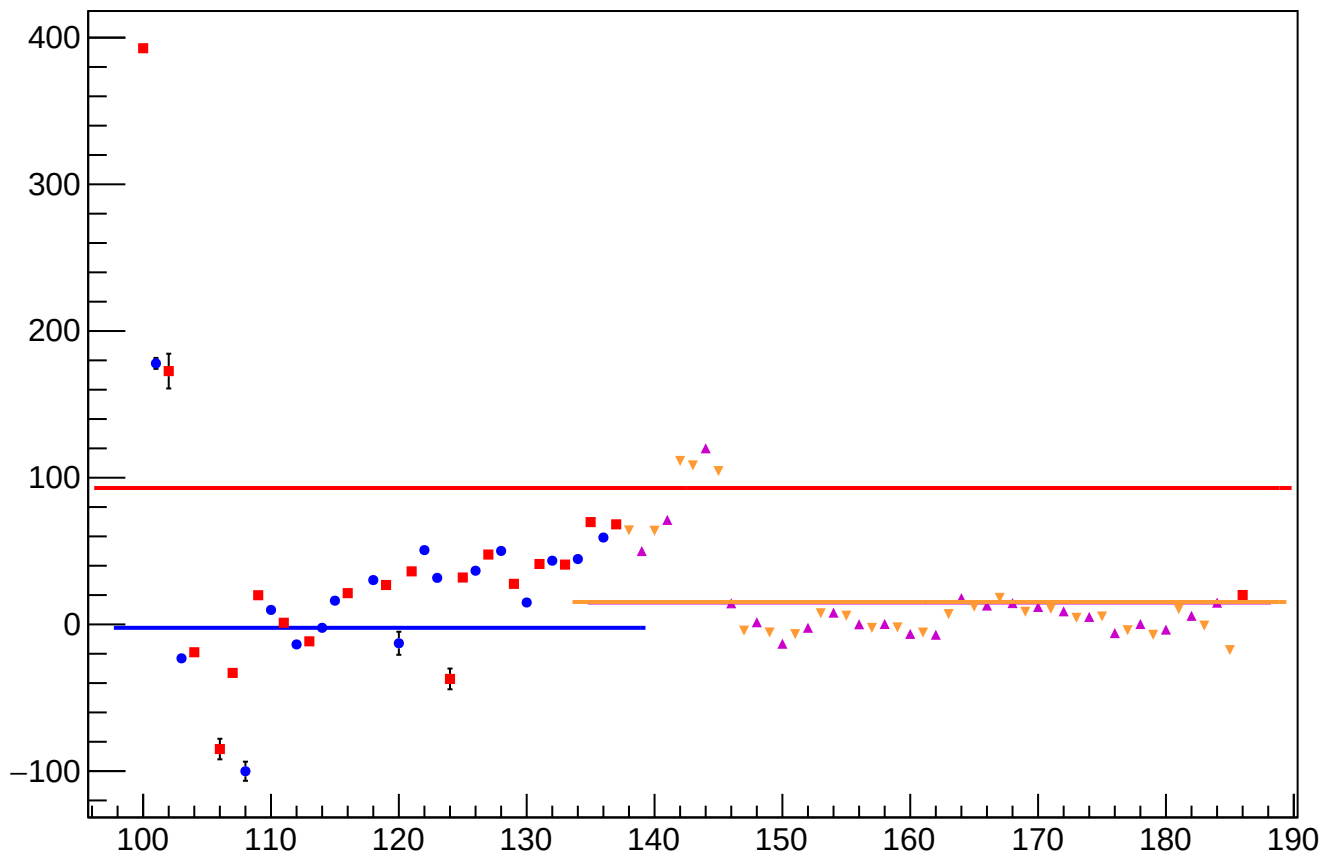
Left In: -73.591 ± 0.110 χ^2/NDF : 68577.9/22

+ sign -34.002 ± 0.000 χ^2/NDF : 313701.5/41

All: -34.912 ± 0.000 χ^2/NDF : 849582565143

- sign -462.254 ± 0.000 χ^2/NDF : 17495637.8/42

dit_atr1_4eX_slope vs Slug



Right In: -2.317 ± 0.000 χ^2/NDF : 72308.0/16

Left Out: 15.294 ± 0.095 χ^2/NDF : 107606.8/24

Right Out: 92.987 ± 0.171 χ^2/NDF : 807117.8/19

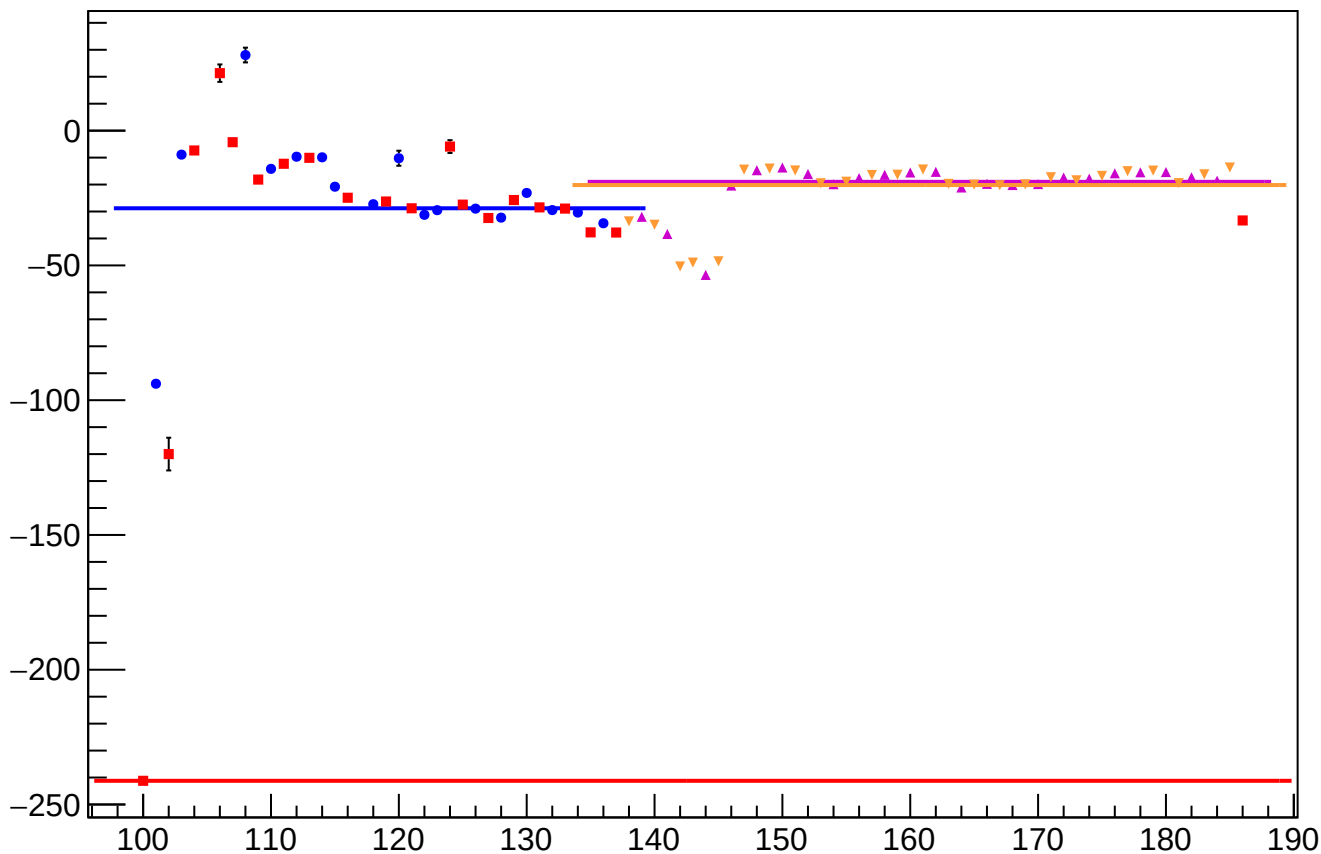
Left In: 14.934 ± 0.098 χ^2/NDF : 96635.9/22

+ sign -2.317 ± 0.000 χ^2/NDF : 214165.5/41

All: -2.317 ± 0.000 χ^2/NDF : 1460868.0/84

- sign 34.302 ± 0.085 χ^2/NDF : 1061085.7/42

dit_atr1_11X12X_slope vs Slug



Right In: -28.799 ± 0.035 $\chi^2/\text{NDF}: 49372.5/16$

Left Out: -20.179 ± 0.012 $\chi^2/\text{NDF}: 393146.9/24$

Right Out: -241.209 ± 0.000 $\chi^2/\text{NDF}: 32863871.9/19$

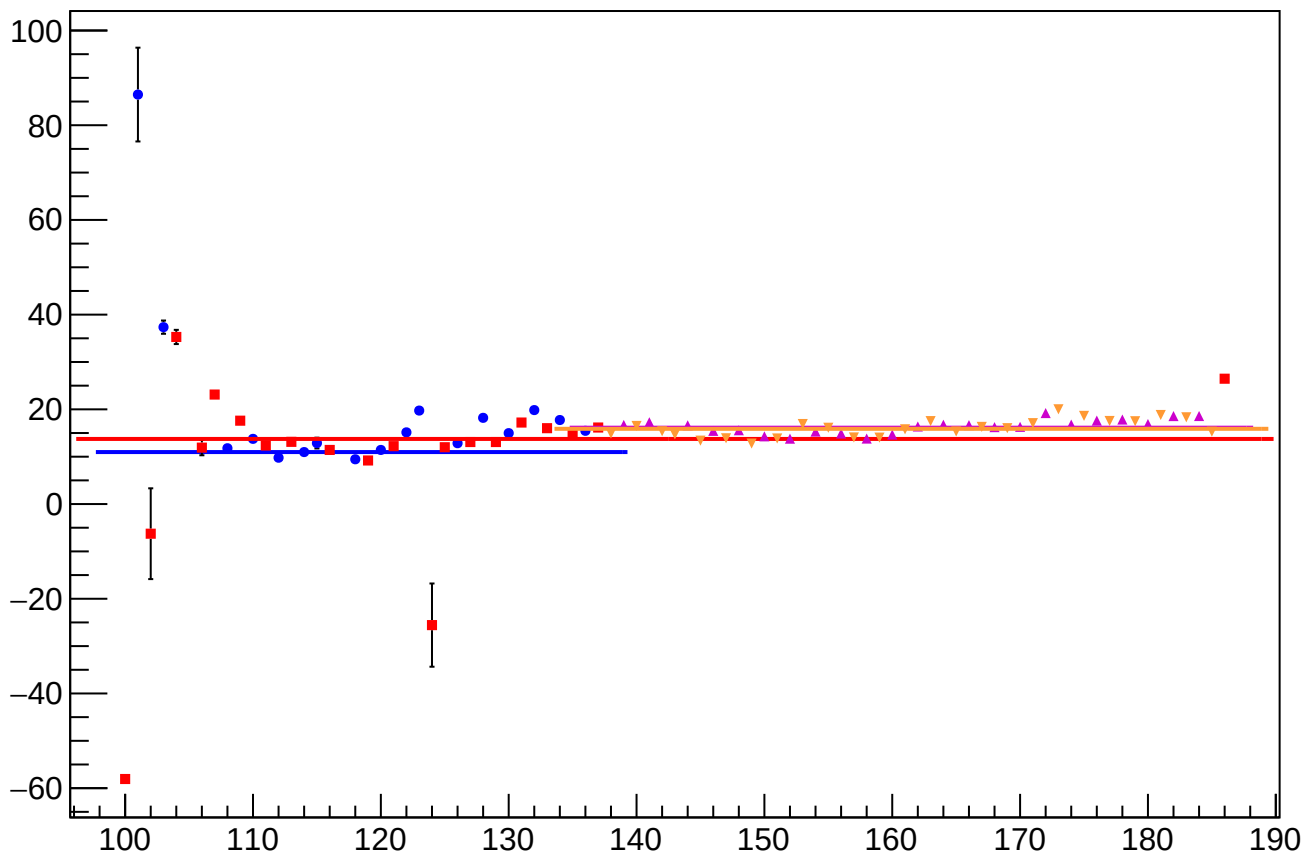
Left In: -18.993 ± 0.014 $\chi^2/\text{NDF}: 207001.6/22$

+ sign -21.079 ± 0.011 $\chi^2/\text{NDF}: 495731.1/41$

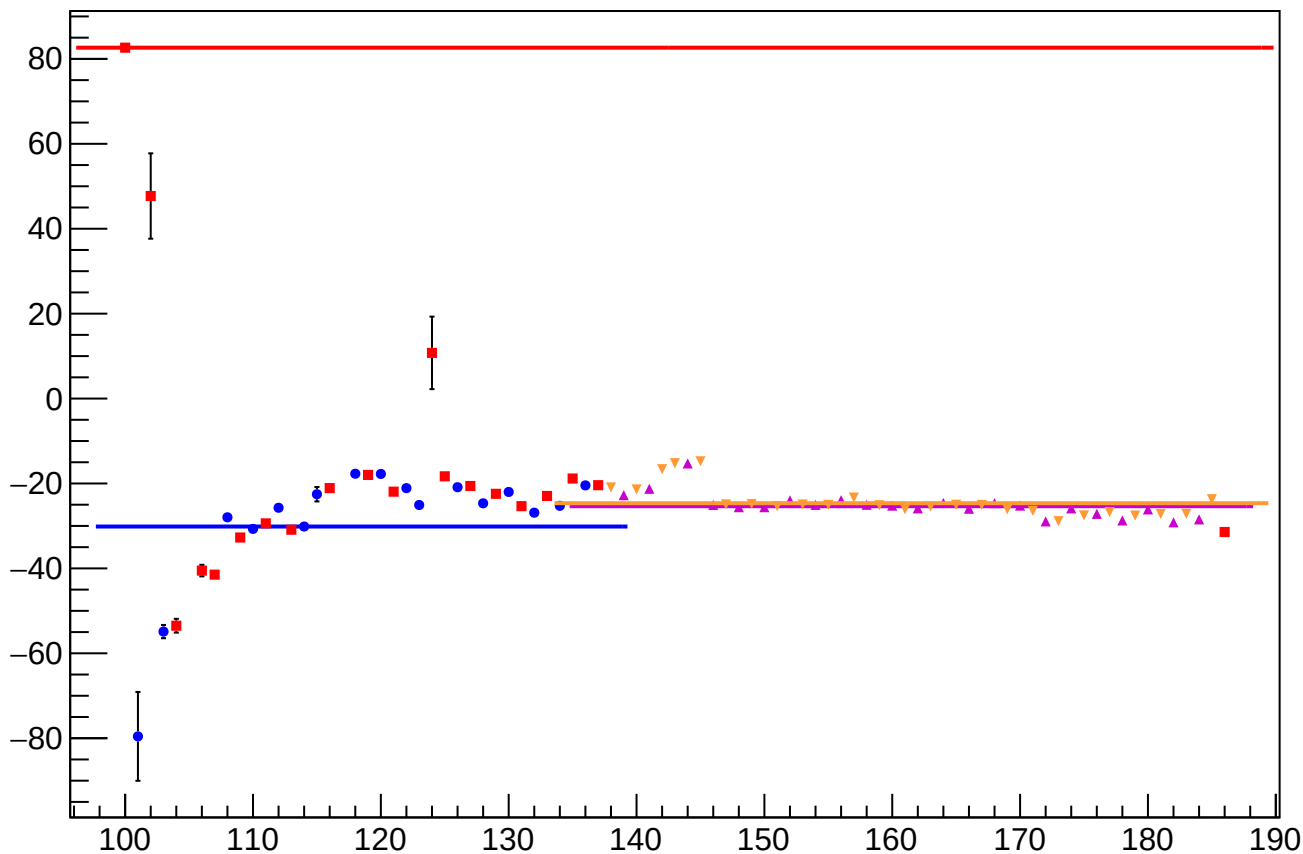
All: -241.209 ± 0.000 $\chi^2/\text{NDF}: 657936651.3$

- sign -241.209 ± 0.000 $\chi^2/\text{NDF}: 286504359.8/42$

dit_atr1_4aY_slope vs Slug



dit_atr1_4eY_slope vs Slug



Right In: -30.139 ± 0.000 χ^2/NDF : 75823.3/16

Left Out: -24.646 ± 0.015 χ^2/NDF : 40888.3/24

Right Out: 82.645 ± 0.000 χ^2/NDF : 4153352.8/19

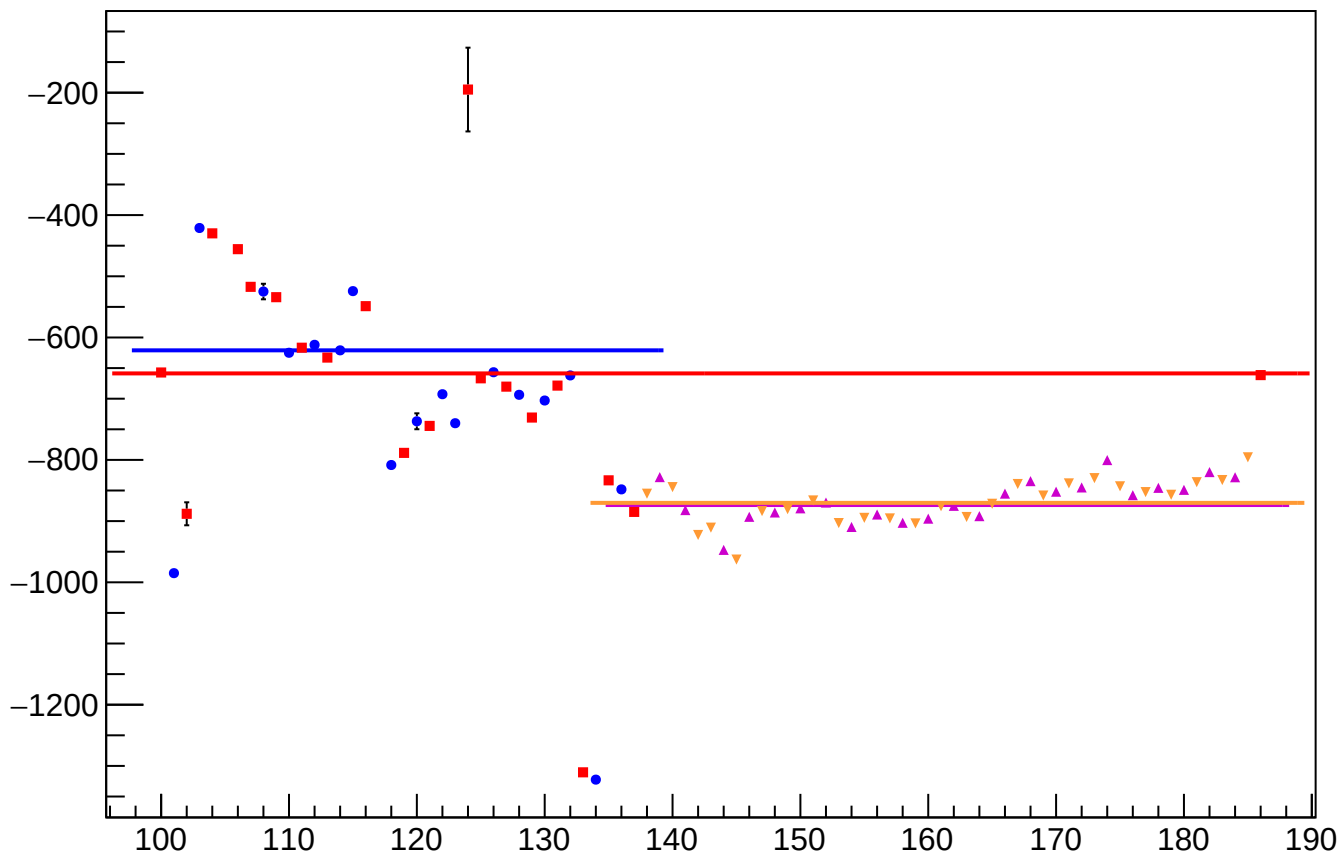
Left In: -25.356 ± 0.016 χ^2/NDF : 16913.2/22

+ sign -30.139 ± 0.000 χ^2/NDF : 242502.6/41

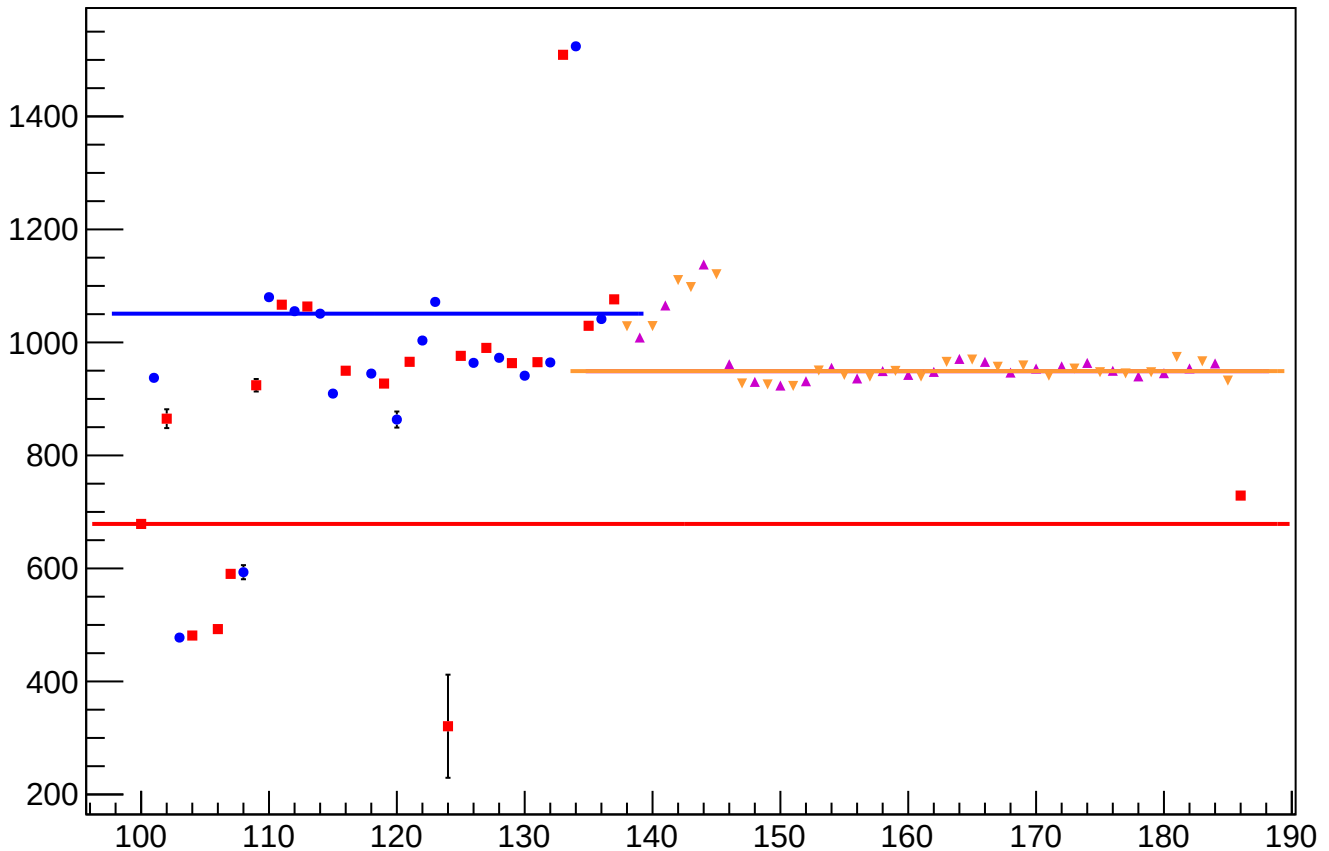
All: -26.421 ± 0.000 χ^2/NDF : 365466407976

- sign 82.645 ± 0.000 χ^2/NDF : 50582844.4/42

dit_atr2_4aX_slope vs Slug



dit_atr2_4eX_slope vs Slug



Right In: 1050.885 $\pm$ 0.000 χ^2 /NDF: 296535.3/16

Left Out: 949.224 $\pm$ 0.102 χ^2 /NDF: 73251.0/24

Right Out: 678.756 $\pm$ 0.000 χ^2 /NDF: 1433101.7/19

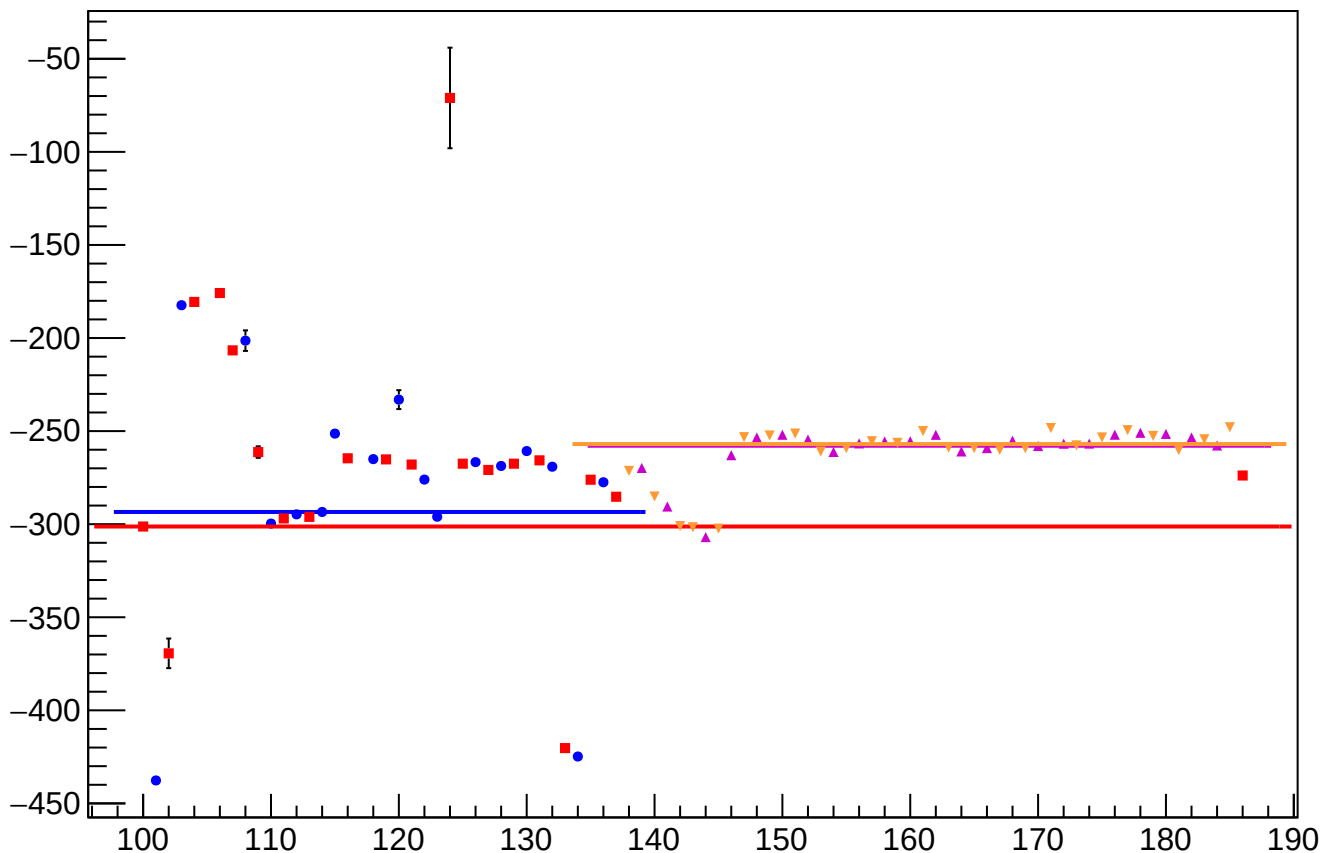
Left In: 949.032 $\pm$ 0.102 χ^2 /NDF: 76875.5/22

+ sign 1050.885 $\pm$ 0.000 χ^2 /NDF: 1372467.2/41

All: 717.012 $\pm$ 0.000 χ^2 /NDF: 660888056800

- sign 678.756 $\pm$ 0.000 χ^2 /NDF: 8478189.8/42

dit_atr2_11X12X_slope vs Slug



Right In: -293.440+/-0.000 χ^2/NDF : 806123.9/16

Left Out: -256.966+/-0.019 χ^2/NDF :180779.9/24

Right Out: -301.259+/-0.000 χ^2/NDF : 728106.7/19

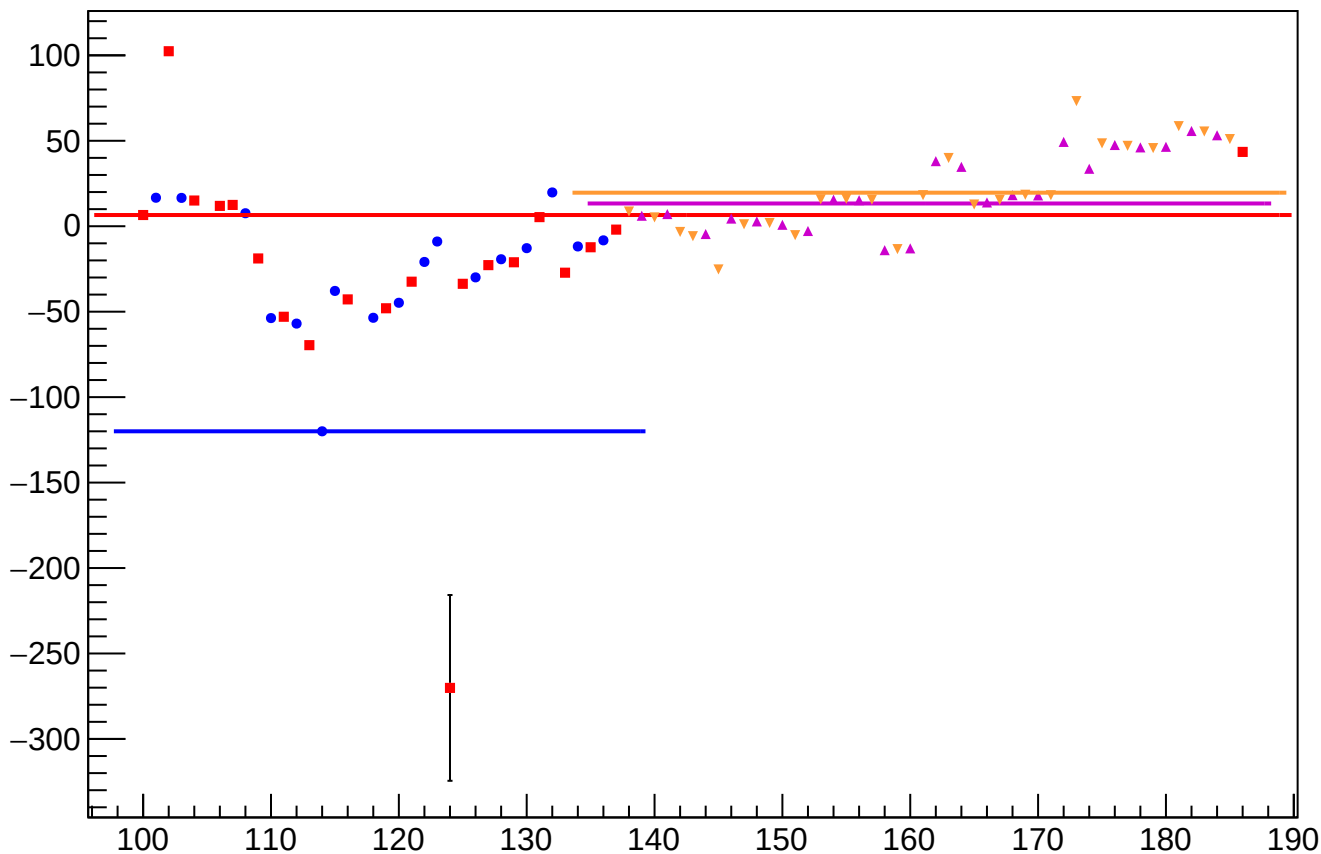
Left In: -257.860+/-0.019 χ^2/NDF :208410.5/22

+ sign -293.440+/-0.000 χ^2/NDF : 4668379.4/41

All: -296.200+/-0.000 χ^2/NDF : 73444542243

- sign -301.259+/-0.000 χ^2/NDF : 6389603.6/42

dit_atr2_4aY_slope vs Slug



Right In: -119.993+/-0.000 χ^2/NDF : 1507310.0/16

Left Out: 19.630+/-0.019 χ^2/NDF :1348530.3/24

Right Out: 6.562+/-0.000 χ^2/NDF : 120556.8/19

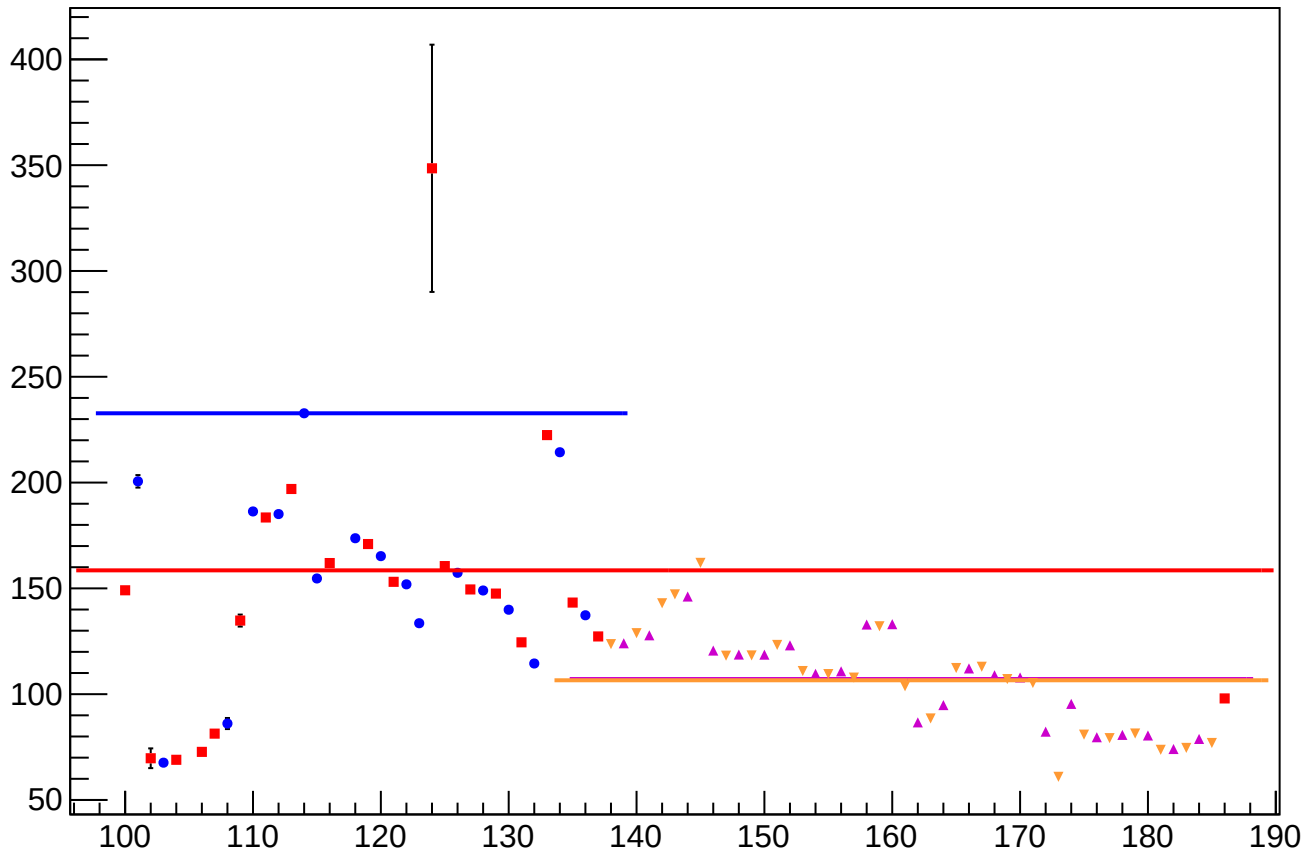
Left In: 13.314+/-0.019 χ^2/NDF :1023799.5/22

+ sign -119.993+/-0.000 χ^2/NDF : 59517117.2/41

All: 6.462+/-0.000 χ^2/NDF : 96855847891730

- sign 6.562+/-0.000 χ^2/NDF : 1273985.5/42

dit_atr2_4eY_slope vs Slug



Right In: 232.747 $\pm$ 0.000 χ^2 /NDF: 885111.3/16

Left Out: 106.567 $\pm$ 0.022 χ^2 /NDF: 678463.6/24

Right Out: 158.516 $\pm$ 0.084 χ^2 /NDF: 183040.7/19

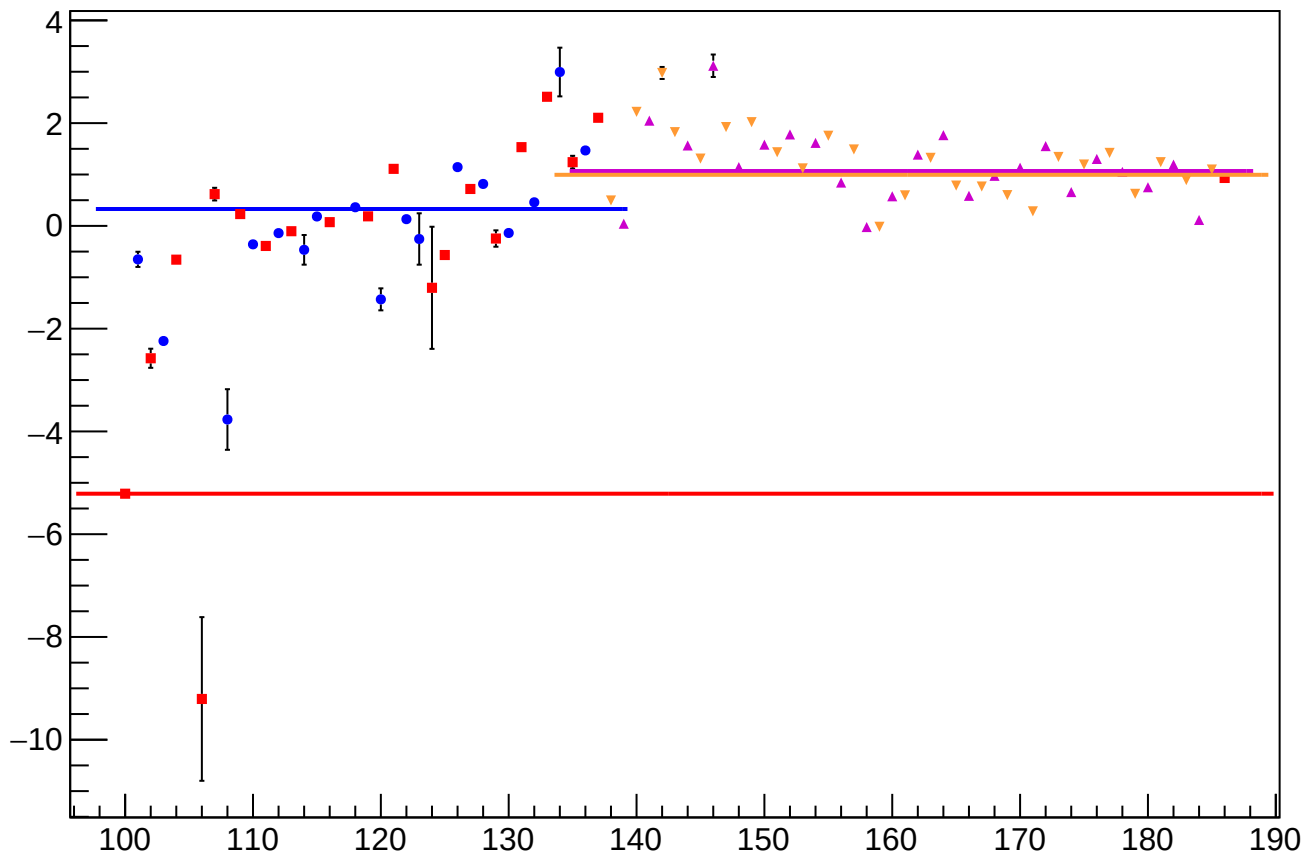
Left In: 107.162 $\pm$ 0.020 χ^2 /NDF: 786041.1/22

+ sign 232.747 $\pm$ 0.000 χ^2 /NDF: 33051680.3/41

All: 232.747 $\pm$ 0.000 χ^2 /NDF: 75493305.4/84

- sign 109.818 $\pm$ 0.019 χ^2 /NDF: 1320937.6/42

dit_sam1_4aX_slope vs Slug



Right In: 0.329 ± 0.013 χ^2/NDF : 4100.2/16

Left Out: 0.994 ± 0.007 χ^2/NDF : 6460.8/24

Right Out: -5.212 ± 0.000 χ^2/NDF : 511664.6/19

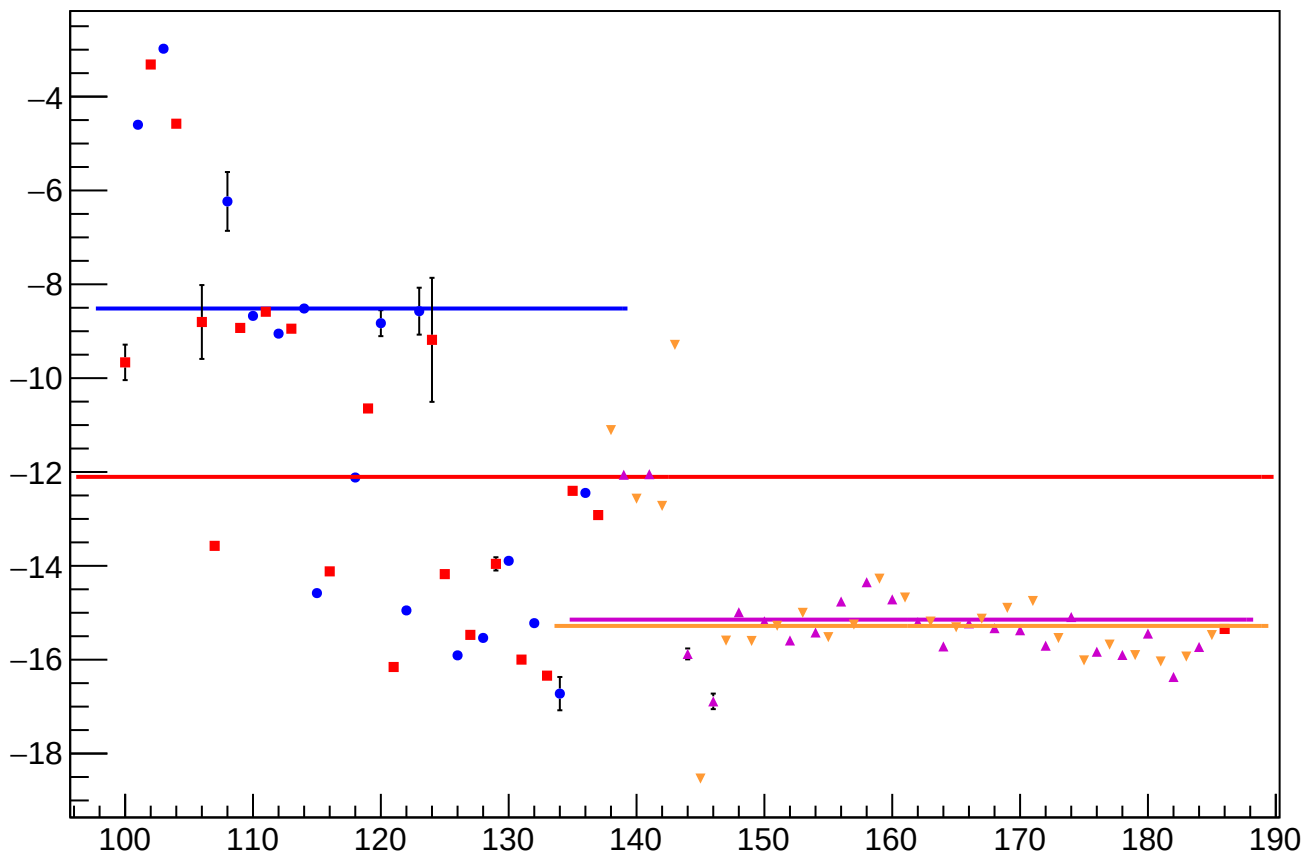
Left In: 1.068 ± 0.006 χ^2/NDF : 7383.3/22

+ sign 0.851 ± 0.006 χ^2/NDF : 12663.3/41

All: -5.212 ± 0.000 χ^2/NDF : 2505106.2/84

- sign -5.212 ± 0.000 χ^2/NDF : 1461592.8/42

dit_sam1_4eX_slope vs Slug



Right In: -8.516 ± 0.000 χ^2/NDF : 245356.0/16

Left Out: -15.280 ± 0.005 χ^2/NDF : 40352.7/24

Right Out: -12.104 ± 0.011 χ^2/NDF : 119516.9/19

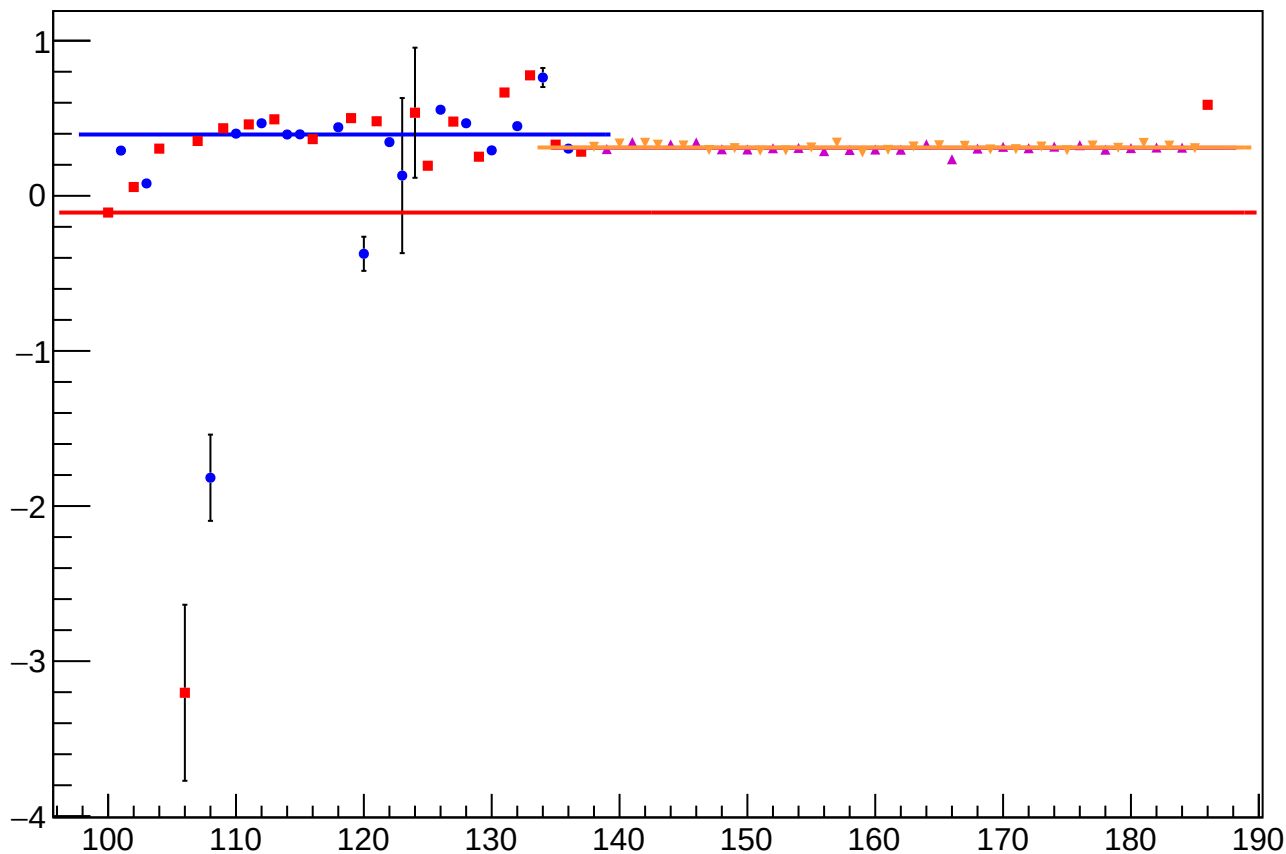
Left In: -15.146 ± 0.006 χ^2/NDF : 15634.6/22

+ sign -8.516 ± 0.000 χ^2/NDF : 1861993.4/41

All: -8.516 ± 0.000 χ^2/NDF : 3418740.8/84

- sign -14.479 ± 0.005 χ^2/NDF : 195790.1/42

dit_sam1_11X12X_slope vs Slug



Right In: 0.395 ± 0.000 $\chi^2/\text{NDF}: 10311.3/16$

Left Out: 0.312 ± 0.000 $\chi^2/\text{NDF}: 5312.5/24$

Right Out: -0.108 ± 0.000 $\chi^2/\text{NDF}: 130257.3/19$

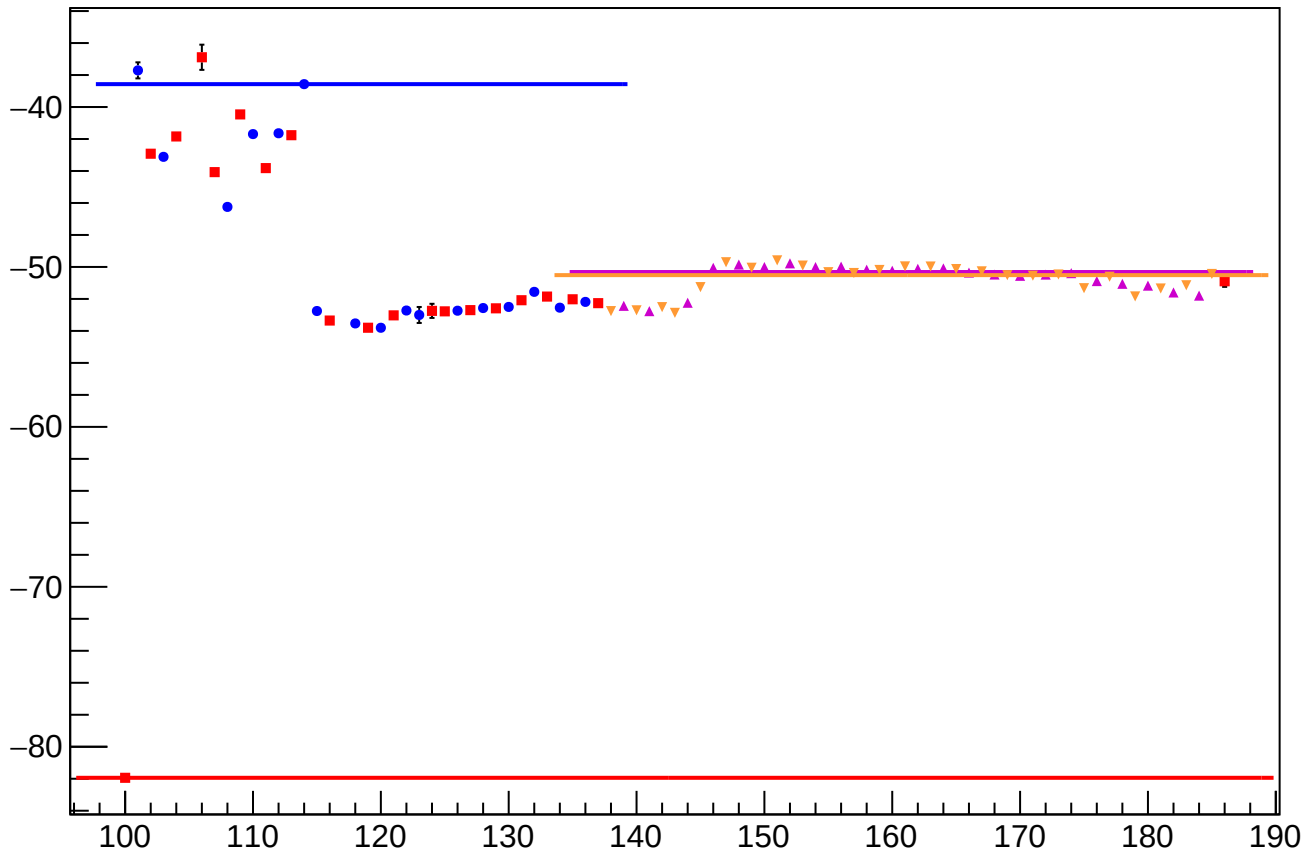
Left In: 0.309 ± 0.000 $\chi^2/\text{NDF}: 2994.1/22$

+ sign 0.395 ± 0.000 $\chi^2/\text{NDF}: 159756.9/41$

All: -0.056 ± 0.000 $\chi^2/\text{NDF}: 8110213490538$

- sign -0.108 ± 0.000 $\chi^2/\text{NDF}: 3429955.3/42$

dit_sam1_4aY_slope vs Slug



Right In: -38.570 ± 0.000 χ^2/NDF : 12311757.7/16

Left Out: -50.512 ± 0.001 χ^2/NDF : 289828.8/24

Right Out: -81.941 ± 0.000 χ^2/NDF : 120359462.5/19

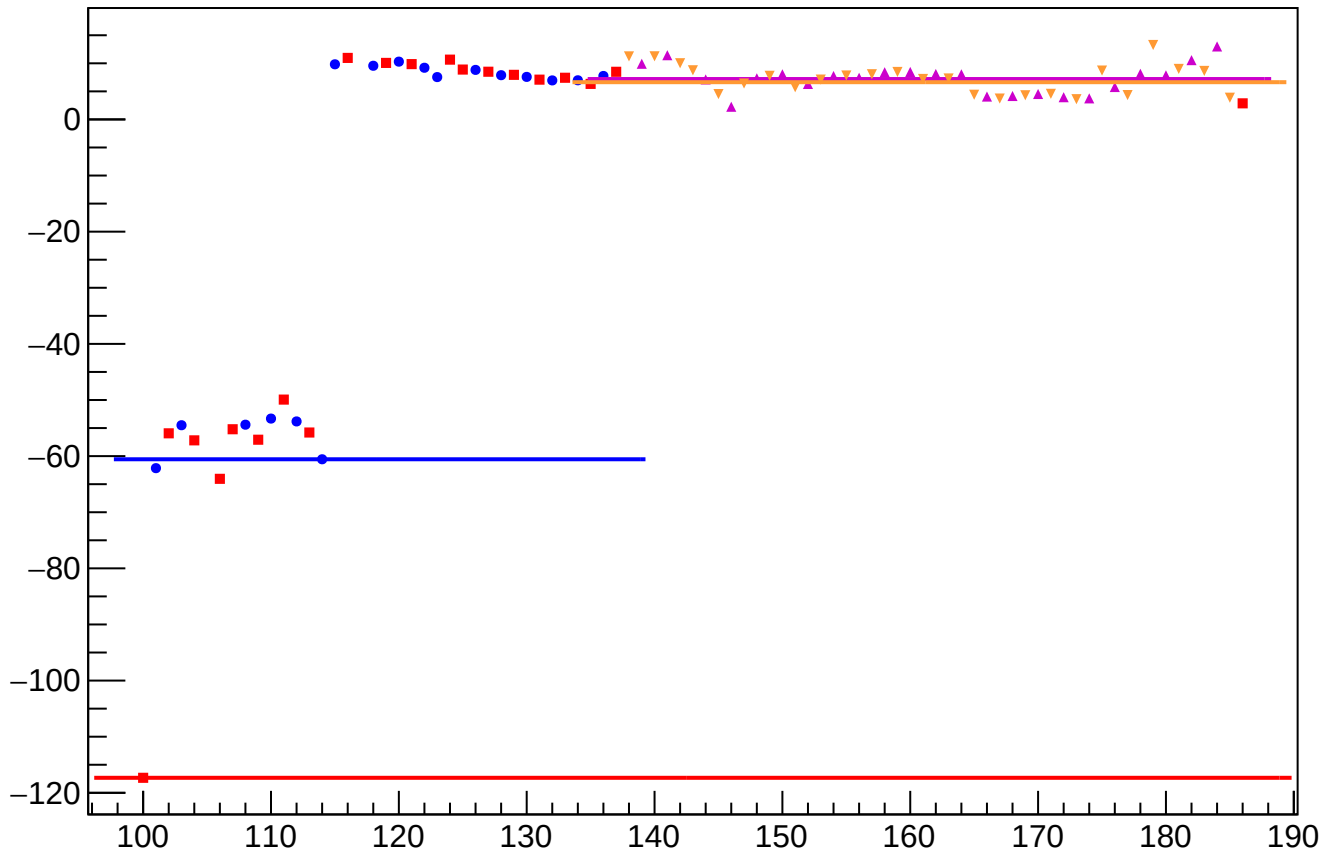
Left In: -50.317 ± 0.001 χ^2/NDF : 186234.6/22

+ sign -38.570 ± 0.000 χ^2/NDF : 81928359.6/41

All: -43.774 ± 0.000 χ^2/NDF : 491816286535

- sign -81.941 ± 0.000 χ^2/NDF : 724643078.3/42

dit_sam1_4eY_slope vs Slug



Right In: -60.561 ± 0.000 $\chi^2/\text{NDF}: 179199478.6/16$

Left Out: 6.637 ± 0.004 $\chi^2/\text{NDF}: 338489.5/24$

+ sign -60.561 ± 0.000 $\chi^2/\text{NDF}: 508619585.3/41$

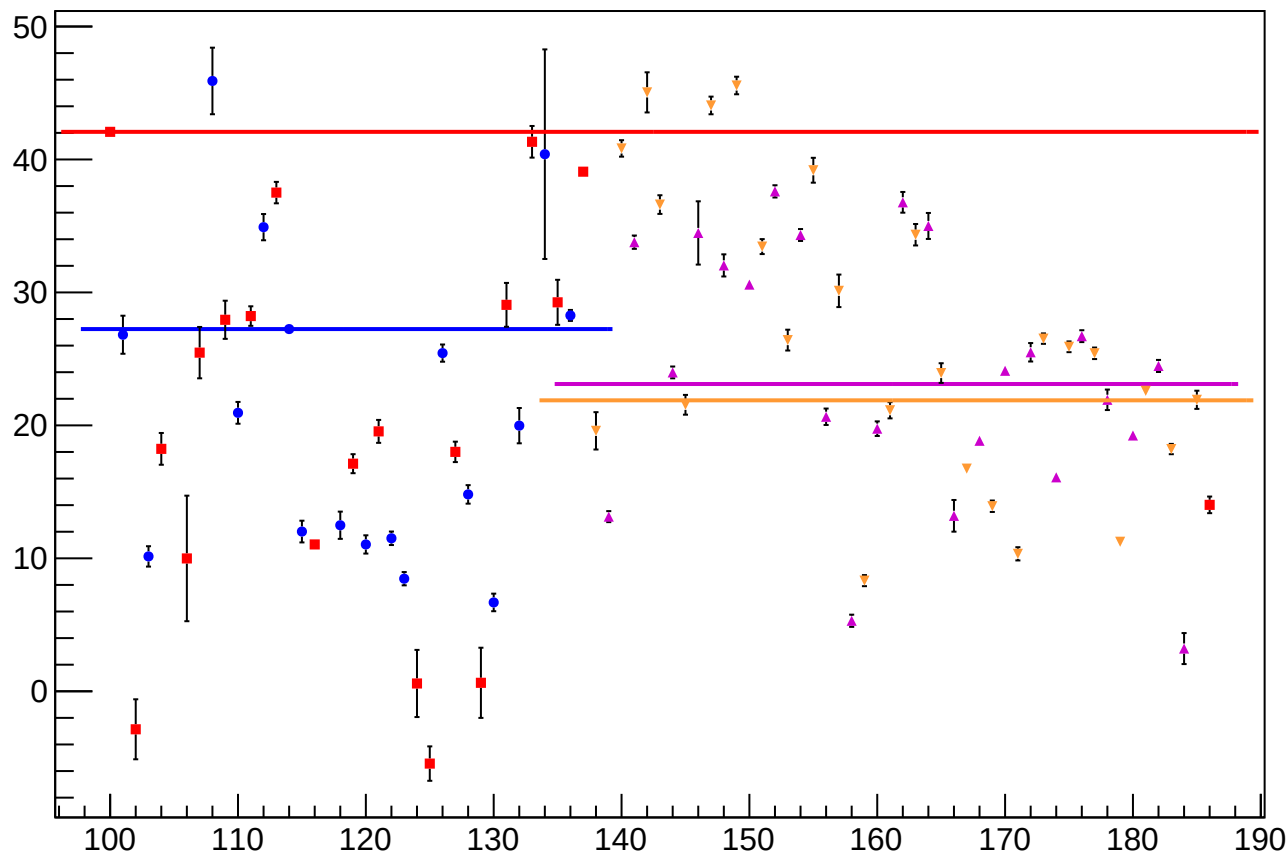
Right Out: -117.324 ± 0.000 $\chi^2/\text{NDF}: 218641479.6/19$

All: -91.839 ± 0.000 $\chi^2/\text{NDF}: 429805156128$

- sign -117.324 ± 0.000 $\chi^2/\text{NDF}: 1513036905.8/42$

Left In: 7.199 ± 0.003 $\chi^2/\text{NDF}: 202969.6/22$

dit_sam2_4aX_slope vs Slug



Right In: 27.244 $\pm$ 0.000 χ^2 /NDF: 5492.1/16

Left Out: 21.883 $\pm$ 0.100 χ^2 /NDF:8864.2/24

Right Out: 42.078 $\pm$ 0.000 χ^2 /NDF: 40232.5/19

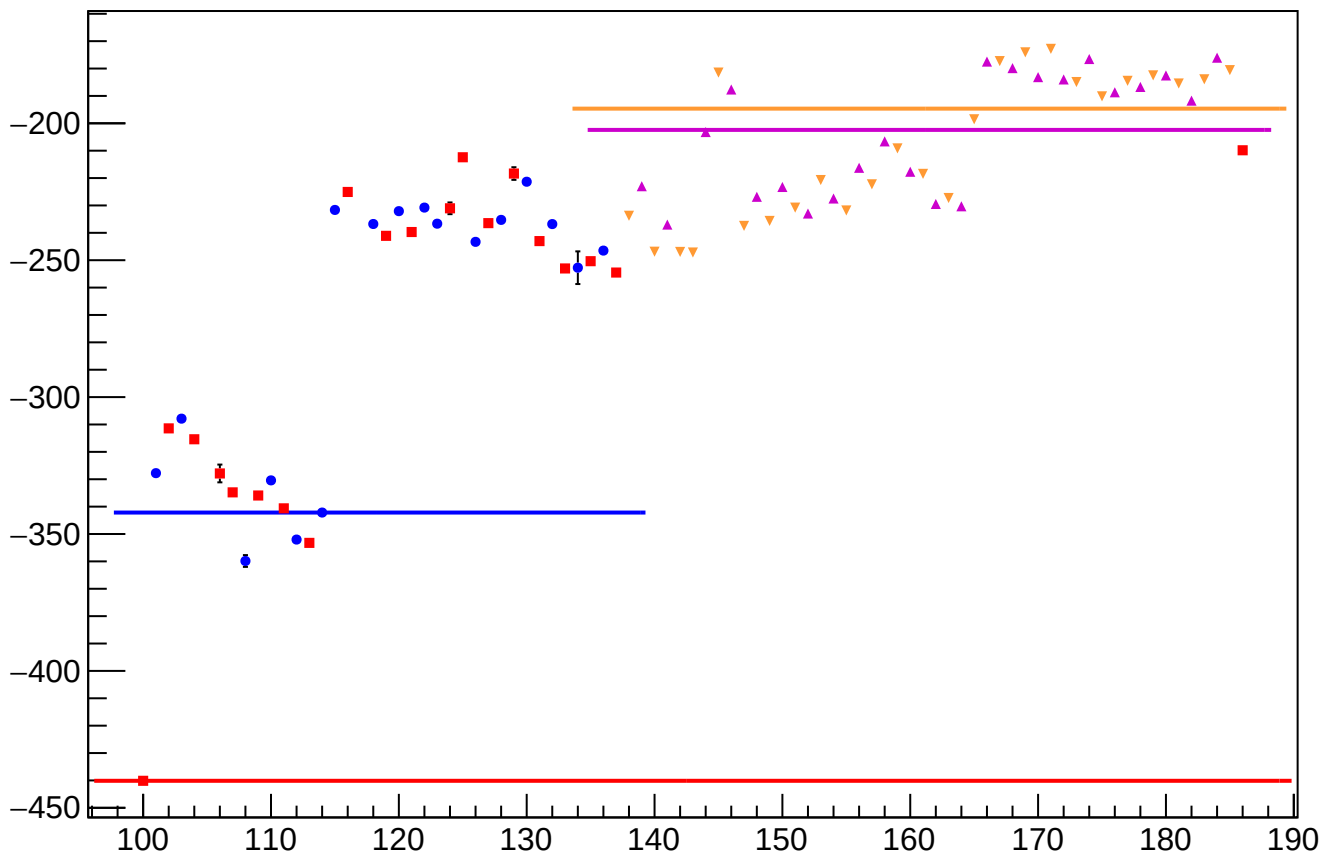
Left In: 23.111 $\pm$ 0.097 χ^2 /NDF:6631.9/22

+ sign 27.244 $\pm$ 0.000 χ^2 /NDF: 17239.9/41

All: 35.418 $\pm$ 0.000 χ^2 /NDF: 117411719760

- sign 42.078 $\pm$ 0.000 χ^2 /NDF: 85011.3/42

dit_sam2_4eX_slope vs Slug



Right In: -342.165 ± 0.000 χ^2/NDF : 307562.3/16

Left Out: -194.642 ± 0.083 χ^2/NDF : 69633.8/24

Right Out: -440.136 ± 0.000 χ^2/NDF : 7136439.6/19

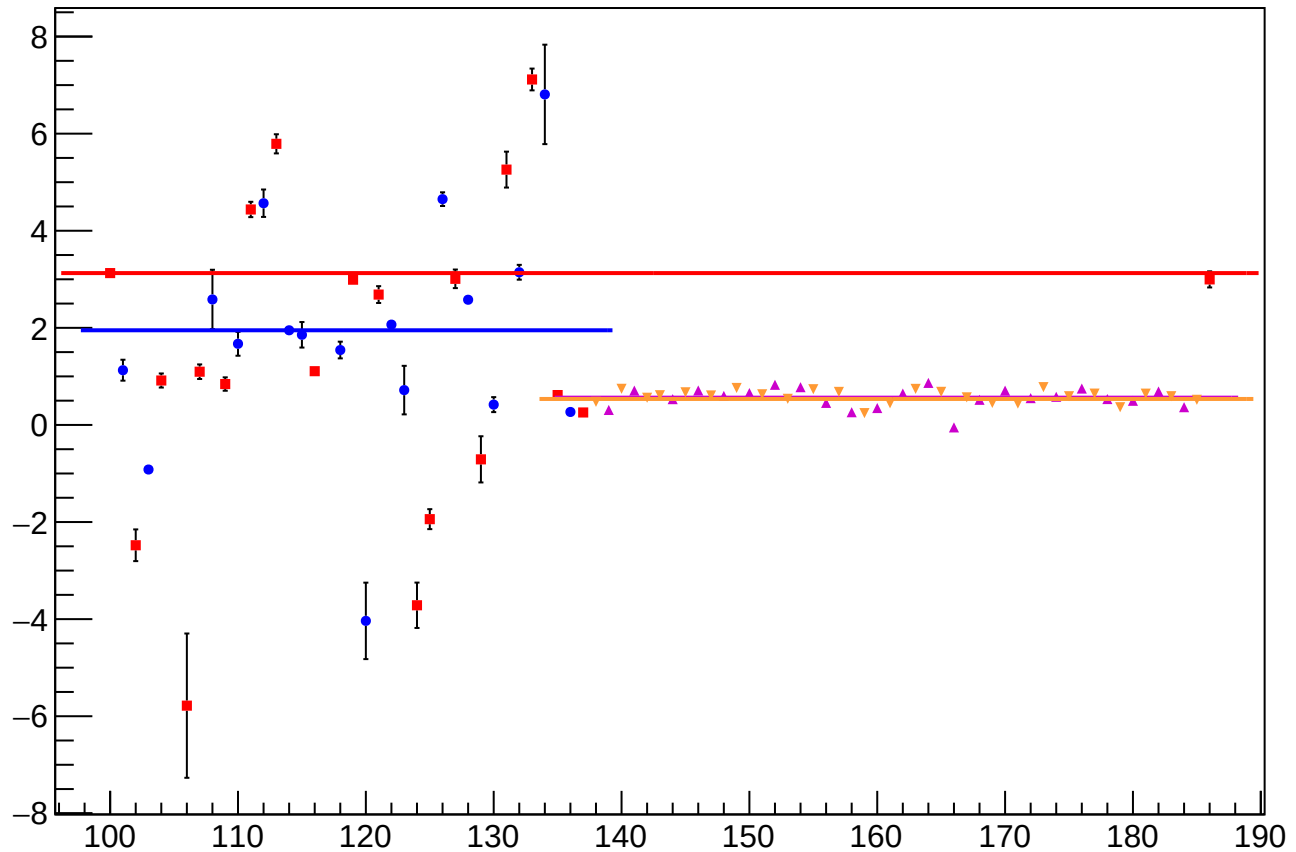
Left In: -202.410 ± 0.086 χ^2/NDF : 63292.5/22

+ sign -342.165 ± 0.000 χ^2/NDF : 3508420.8/41

All: -376.743 ± 0.000 χ^2/NDF : 11532667116

- sign -440.136 ± 0.000 χ^2/NDF : 14870269.0/42

dit_sam2_11X12X_slope vs Slug



Right In: 1.950 ± 0.000 χ^2/NDF : 64103.9/16

Left Out: 0.535 ± 0.002 χ^2/NDF : 10952.3/24

Right Out: 3.128 ± 0.000 χ^2/NDF : 24966.1/19

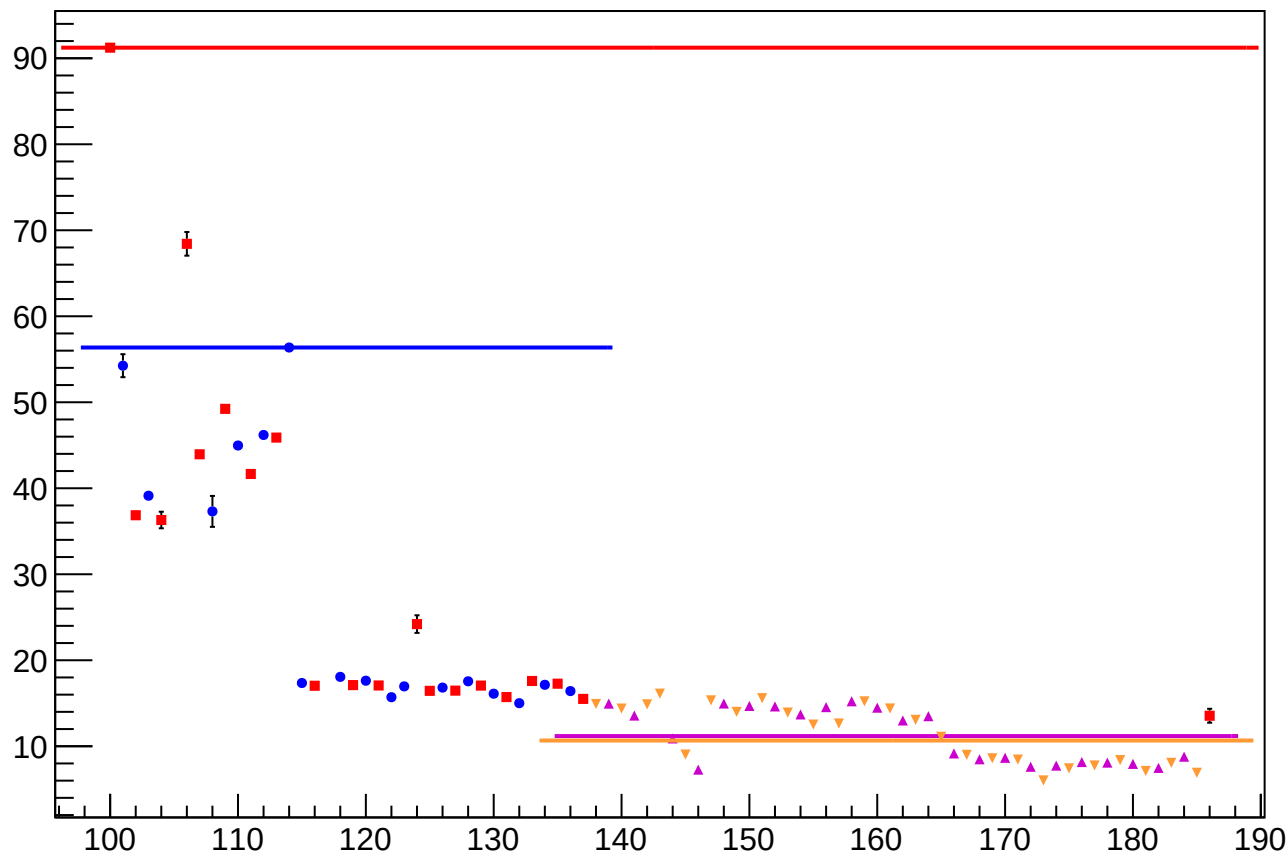
Left In: 0.562 ± 0.001 χ^2/NDF : 16291.7/22

+ sign 1.950 ± 0.000 χ^2/NDF : 824001.3/41

All: 2.366 ± 0.000 χ^2/NDF : 27324586822992

- sign 3.128 ± 0.000 χ^2/NDF : 3191050.5/42

dit_sam2_4aY_slope vs Slug



Right In: 56.366+/-0.000 χ^2/NDF : 8017656.1/16

Left Out: 10.666+/-0.006 χ^2/NDF : 292197.2/24

Right Out: 91.232+/-0.000 χ^2/NDF : 17931605.5/19

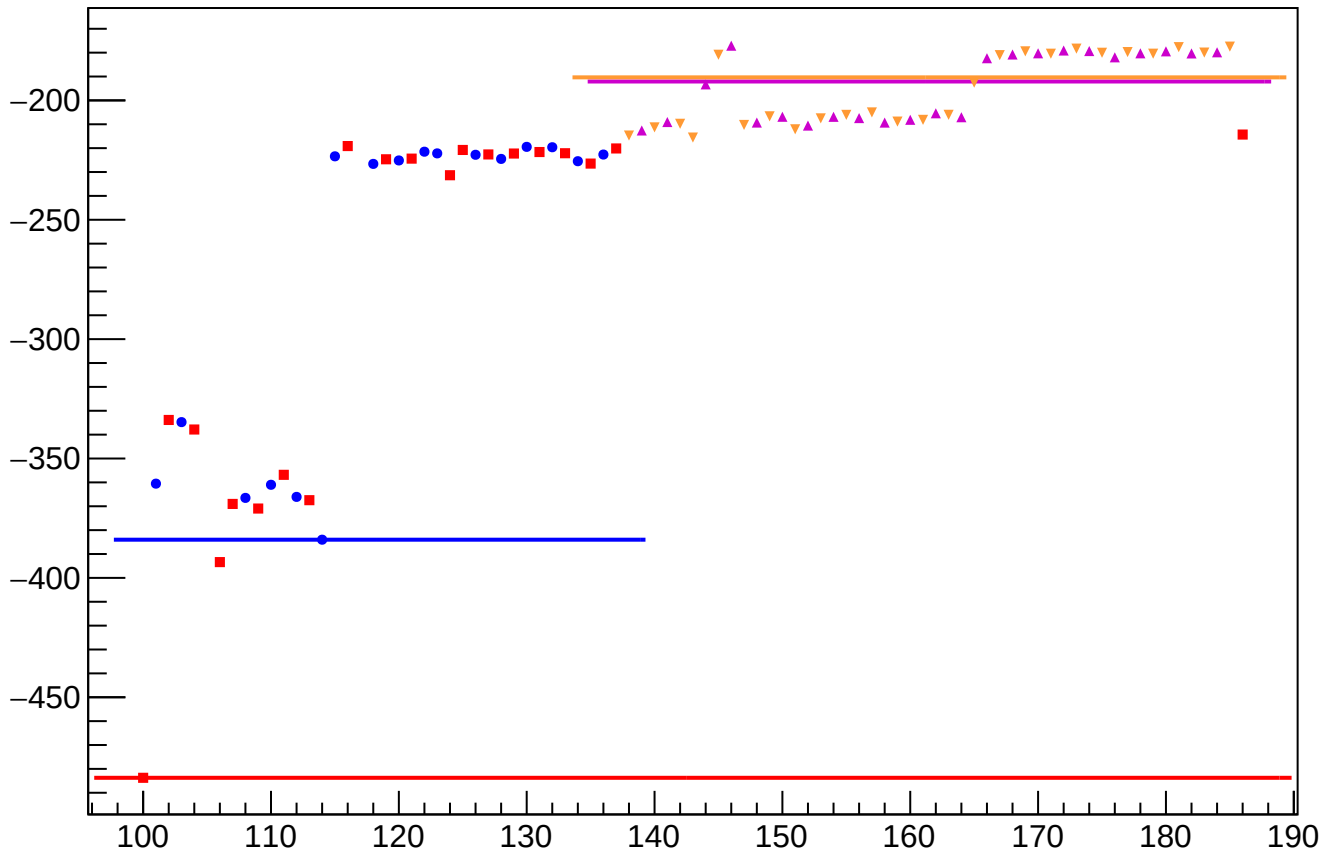
Left In: 11.184+/-0.007 χ^2/NDF : 221112.8/22

+ sign 56.366+/-0.000 χ^2/NDF : 58363426.0/41

All: 60.550+/-0.000 χ^2/NDF : 3178336126771

- sign 91.232+/-0.000 χ^2/NDF : 160208907.5/42

dit_sam2_4eY_slope vs Slug



Right In: -384.003 ± 0.000 $\chi^2/\text{NDF}: 17098507.2/16$

Left Out: -190.350 ± 0.012 $\chi^2/\text{NDF}: 1508382.7/24$

Right Out: -483.735 ± 0.000 $\chi^2/\text{NDF}: 27735202.9/19$

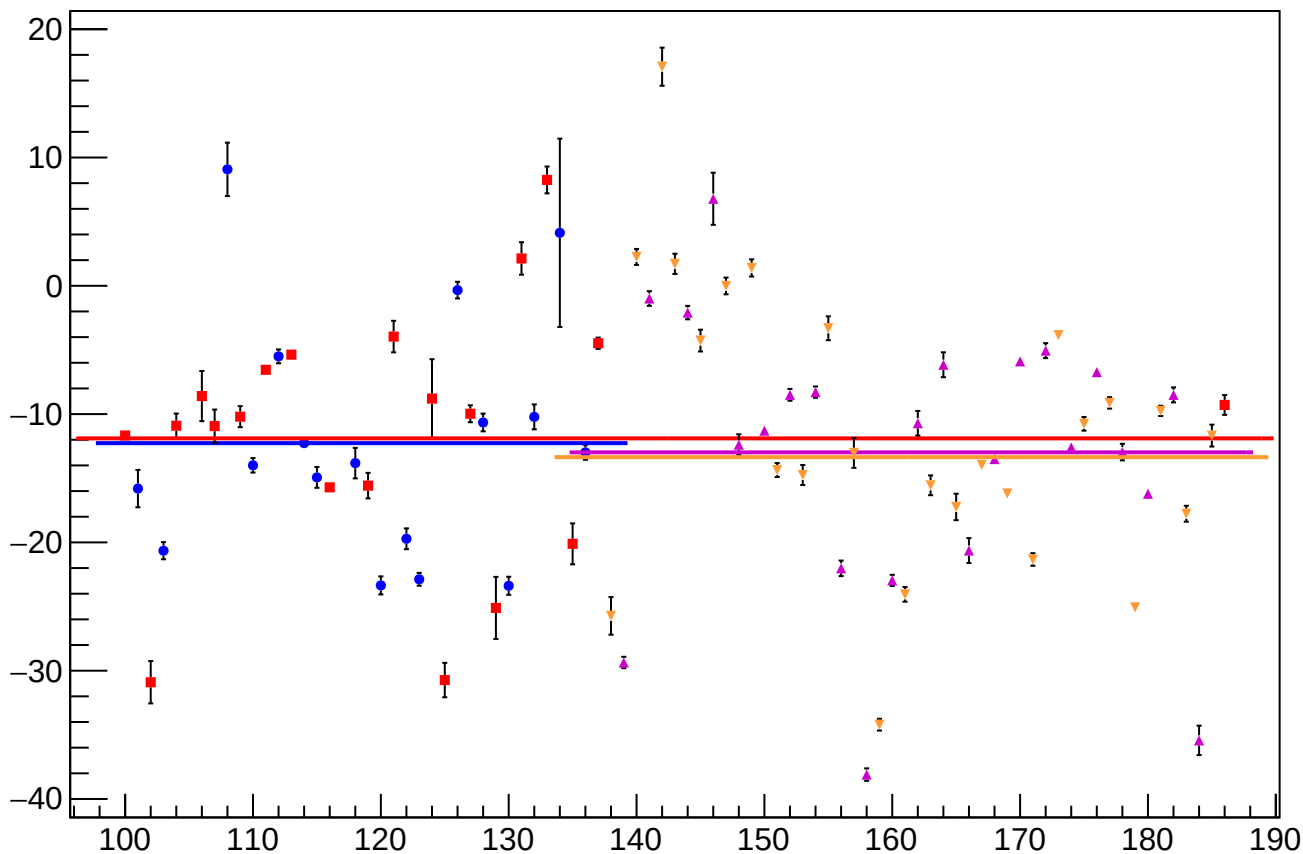
Left In: -192.086 ± 0.012 $\chi^2/\text{NDF}: 1430161.9/22$

+ sign -384.003 ± 0.000 $\chi^2/\text{NDF}: 298505877.6/41$

All: -452.390 ± 0.000 $\chi^2/\text{NDF}: 58047820362$

- sign -483.735 ± 0.000 $\chi^2/\text{NDF}: 660808617.8/42$

dit_sam3_4aX_slope vs Slug



Right In: -12.264 ± 0.000 $\chi^2/\text{NDF}: 1844.2/16$

Left Out: -13.356 ± 0.109 $\chi^2/\text{NDF}: 7255.1/24$

Right Out: -11.892 ± 0.107 $\chi^2/\text{NDF}: 2538.8/19$

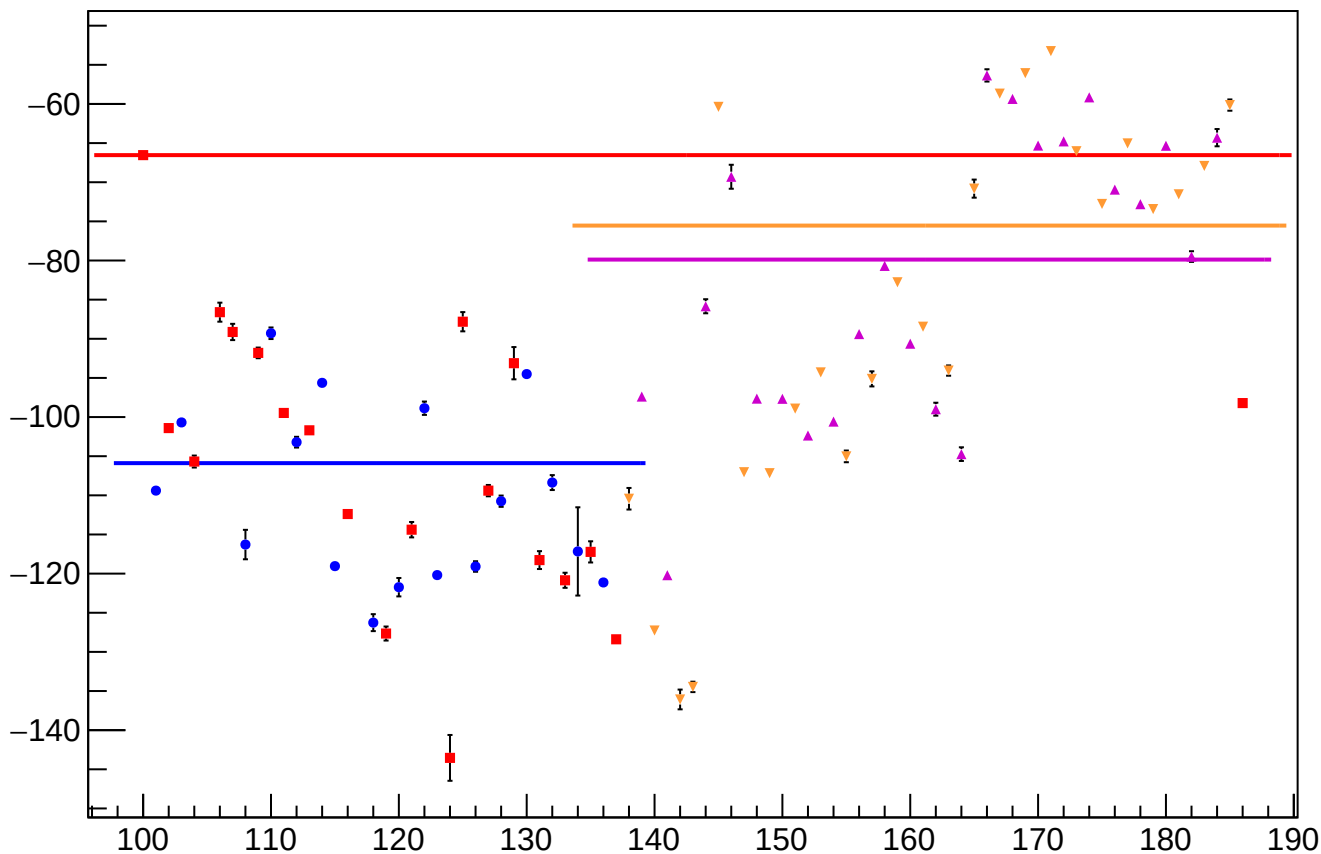
Left In: -12.982 ± 0.099 $\chi^2/\text{NDF}: 7714.4/22$

+ sign -12.264 ± 0.000 $\chi^2/\text{NDF}: 9200.6/41$

All: -12.264 ± 0.000 $\chi^2/\text{NDF}: 19518.4/84$

- sign -12.478 ± 0.073 $\chi^2/\text{NDF}: 10309.1/42$

dit_sam3_4eX_slope vs Slug



Right In: -105.886 ± 0.108 χ^2/NDF : 6351.6/16

Left Out: -75.538 ± 0.085 χ^2/NDF : 52728.0/24

Right Out: -66.536 ± 0.000 χ^2/NDF : 802257.0/19

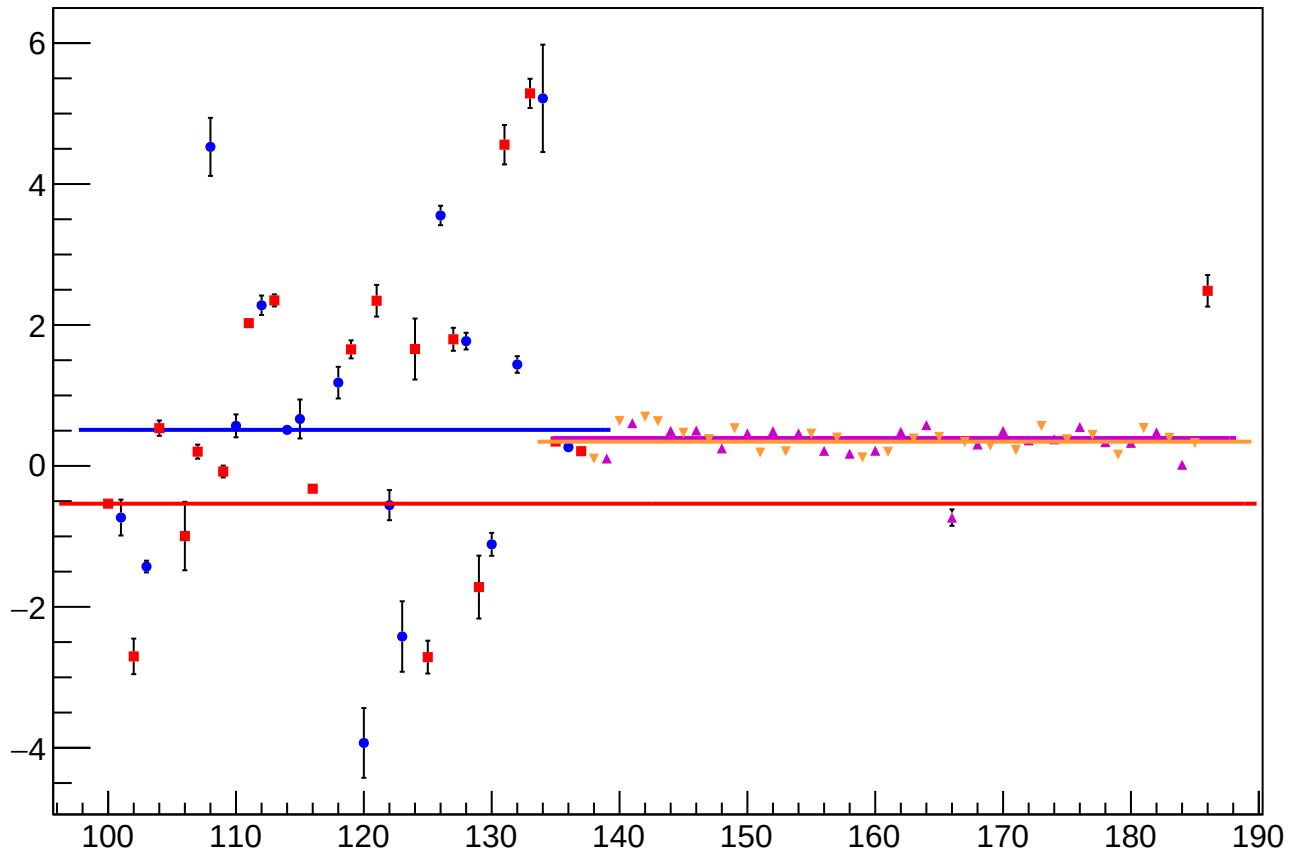
Left In: -79.882 ± 0.086 χ^2/NDF : 44553.2/22

+ sign -87.273 ± 0.067 χ^2/NDF : 107938.9/41

All: -66.536 ± 0.000 χ^2/NDF : 1075199.4/84

- sign -66.536 ± 0.000 χ^2/NDF : 871076.2/42

dit_sam3_11X12X_slope vs Slug



Right In: 0.512 ± 0.000 χ^2/NDF : 3863.6/16

Left Out: 0.344 ± 0.002 χ^2/NDF : 10242.3/24

Right Out: -0.536 ± 0.000 χ^2/NDF : 33236.7/19

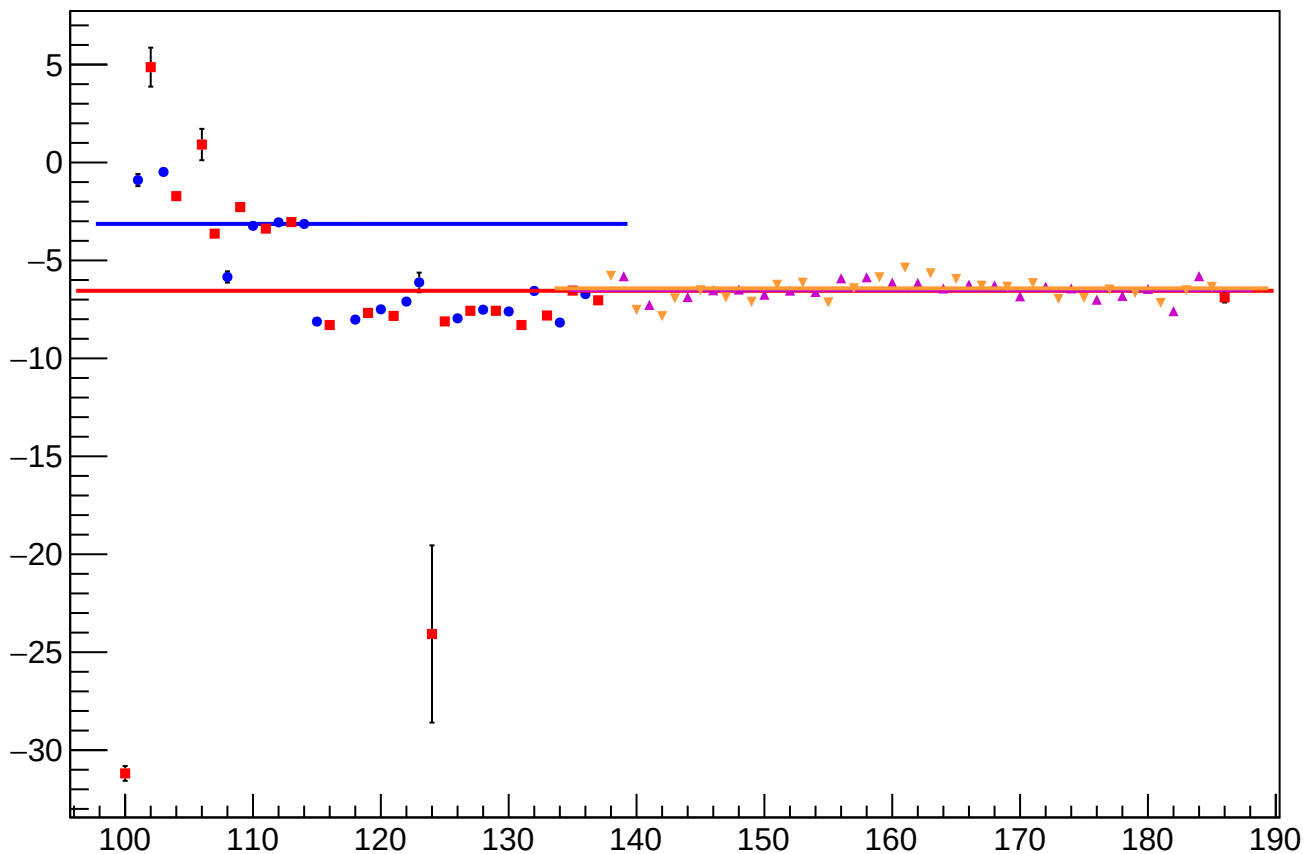
Left In: 0.396 ± 0.001 χ^2/NDF : 10440.9/22

+ sign 0.512 ± 0.000 χ^2/NDF : 24450.9/41

All: 0.142 ± 0.000 χ^2/NDF : 34560328403056

- sign -0.536 ± 0.000 χ^2/NDF : 454946.2/42

dit_sam3_4aY_slope vs Slug



Right In: -3.134+/-0.000 χ^2/NDF : 368547.6/16

Left Out: -6.425+/-0.005 χ^2/NDF : 7292.7/24

Right Out: -6.550+/-0.008 χ^2/NDF : 92208.9/19

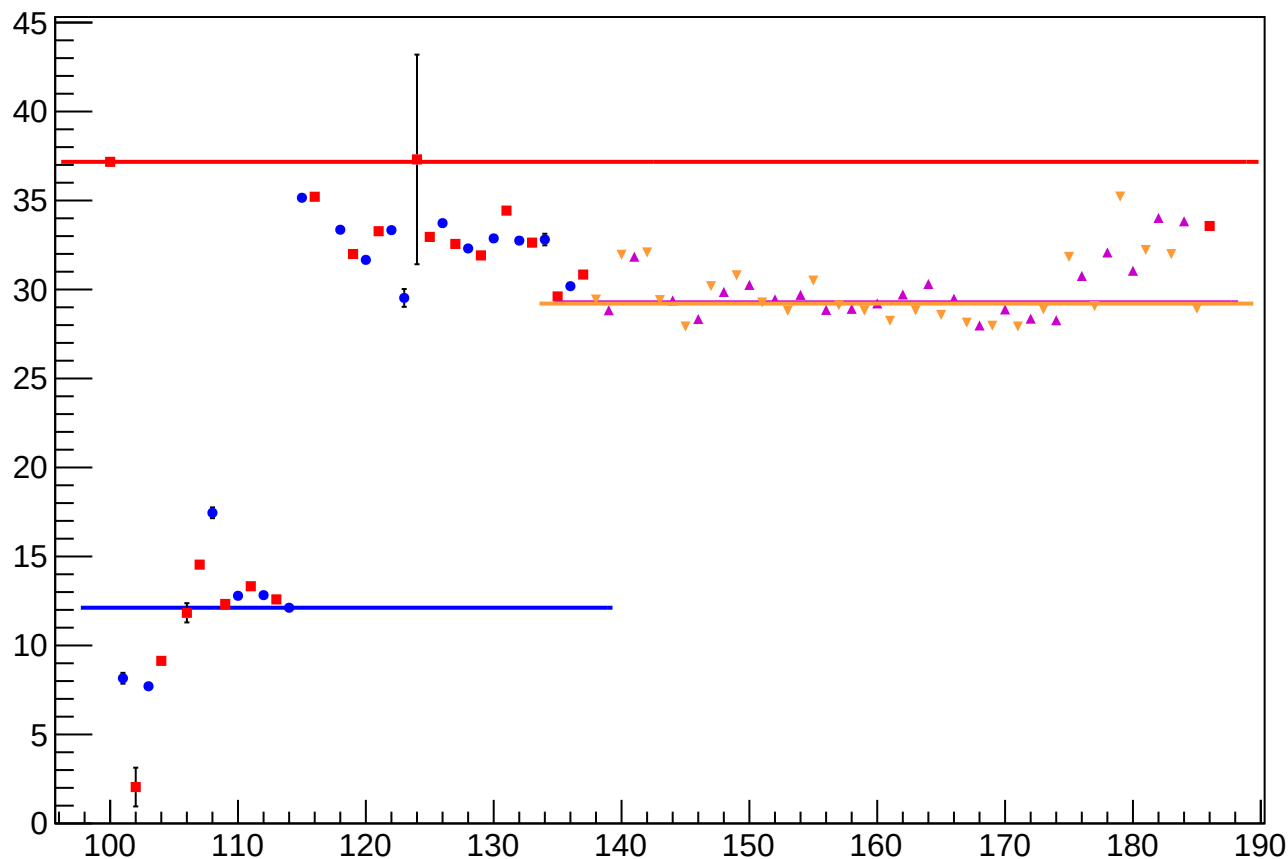
Left In: -6.517+/-0.005 χ^2/NDF : 7083.8/22

+ sign -3.134+/-0.000 χ^2/NDF : 836202.9/41

All: -3.134+/-0.000 χ^2/NDF : 1680363.9/84

- sign -6.526+/-0.004 χ^2/NDF : 99306.4/42

dit_sam3_4eY_slope vs Slug



Right In: 12.121+/-0.000 χ^2/NDF : 1993680.8/16

Left Out: 29.209+/-0.008 χ^2/NDF : 40106.9/24

Right Out: 37.173+/-0.000 χ^2/NDF : 1531491.4/19

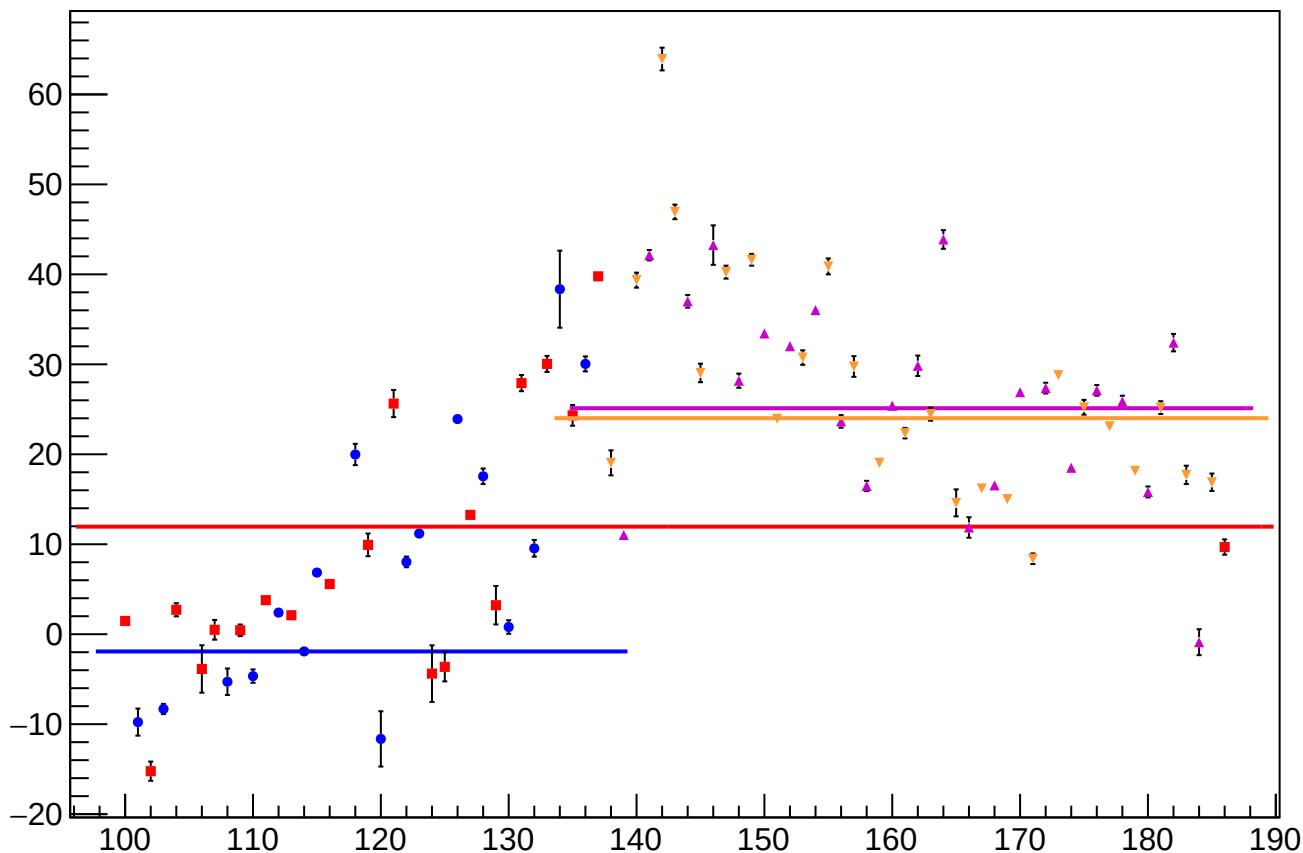
Left In: 29.281+/-0.008 χ^2/NDF : 12436.8/22

+ sign 12.121+/-0.000 χ^2/NDF : 6218455.7/41

All: 15.127+/-0.000 χ^2/NDF : 656355411606

- sign 37.173+/-0.000 χ^2/NDF : 2424284.9/42

dit_sam4_4aX_slope vs Slug



Right In: -1.915 ± 0.000 χ^2/NDF : 6338.8/16

Left Out: 24.016 ± 0.127 χ^2/NDF : 6048.5/24

Right Out: 11.957 ± 0.133 χ^2/NDF : 12583.4/19

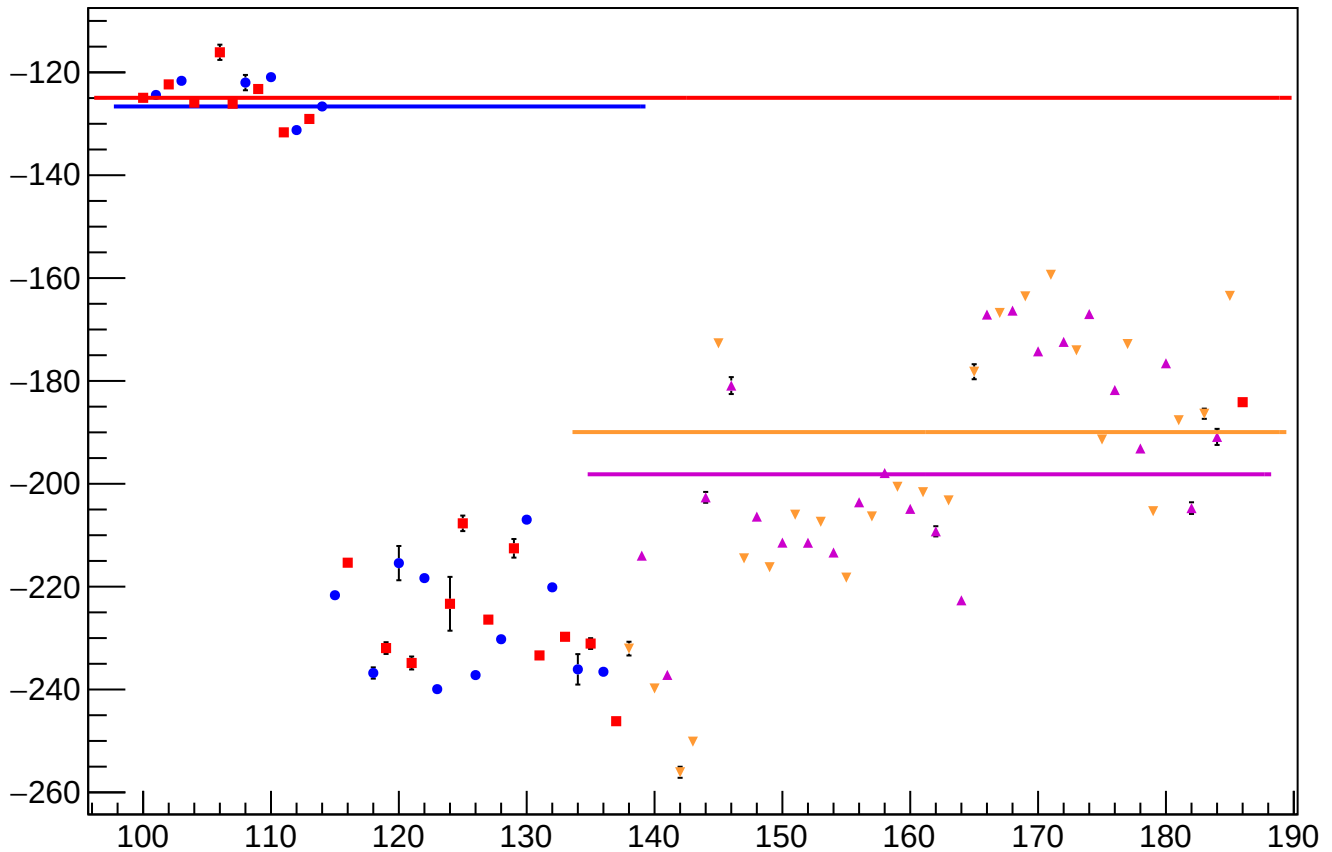
Left In: 25.118 ± 0.113 χ^2/NDF : 6448.8/22

+ sign -1.915 ± 0.000 χ^2/NDF : 54295.3/41

All: -1.915 ± 0.000 χ^2/NDF : 141145.0/84

- sign 19.612 ± 0.086 χ^2/NDF : 24685.9/42

dit_sam4_4eX_slope vs Slug



Right In: -126.632 ± 0.000 χ^2/NDF : 278525.1/16

Left Out: -189.945 ± 0.103 χ^2/NDF : 51065.8/24

Right Out: -124.949 ± 0.000 χ^2/NDF : 504692.4/19

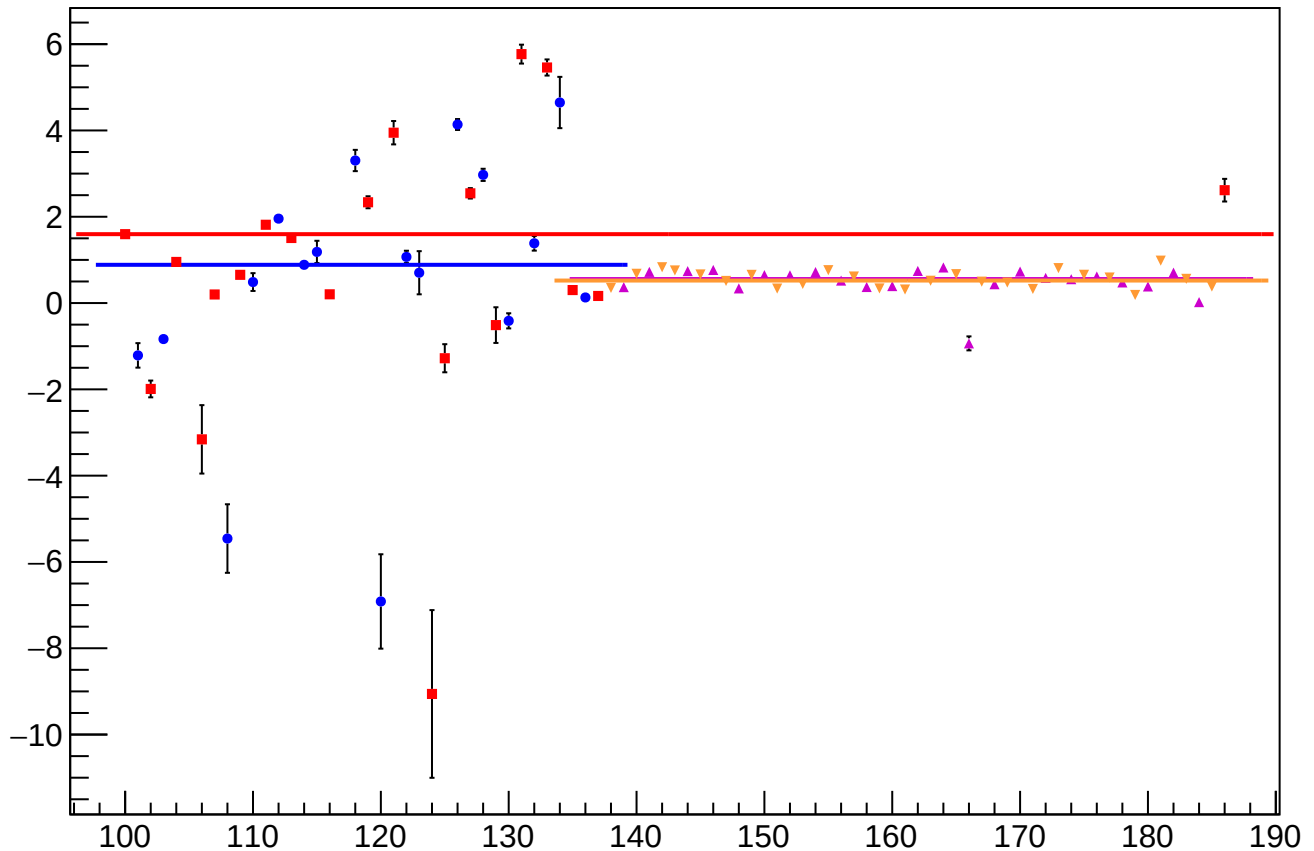
Left In: -198.153 ± 0.098 χ^2/NDF : 42045.5/22

+ sign -126.632 ± 0.000 χ^2/NDF : 709600.8/41

All: -126.038 ± 0.000 χ^2/NDF : 60537895424

- sign -124.949 ± 0.000 χ^2/NDF : 1099233.2/42

dit_sam4_11X12X_slope vs Slug



Right In: 0.886 ± 0.000 $\chi^2/\text{NDF}: 9294.4/16$

Left Out: 0.522 ± 0.002 $\chi^2/\text{NDF}: 8701.1/24$

Right Out: 1.597 ± 0.000 $\chi^2/\text{NDF}: 4630.5/19$

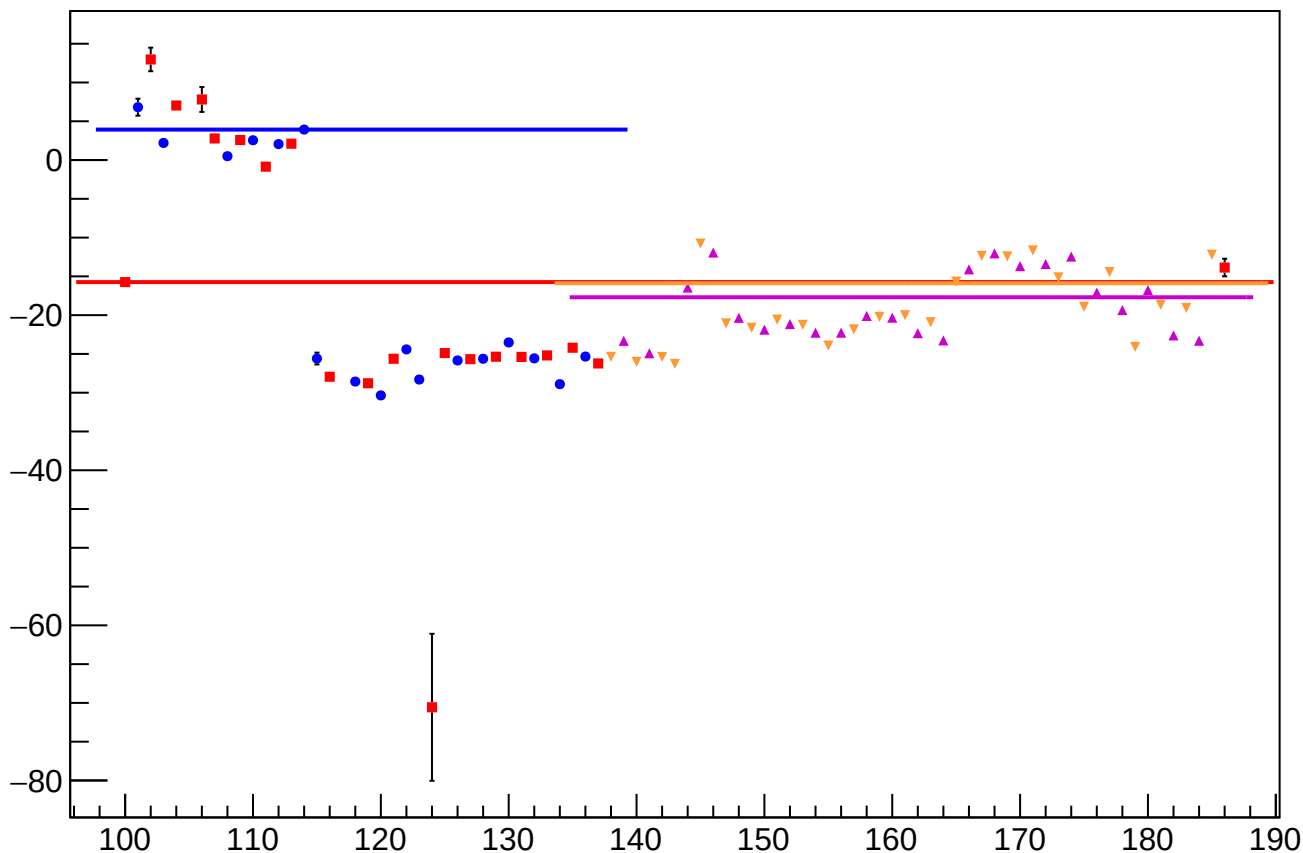
Left In: 0.556 ± 0.002 $\chi^2/\text{NDF}: 5988.8/22$

+ sign 0.886 ± 0.000 $\chi^2/\text{NDF}: 50353.7/41$

All: 1.137 ± 0.000 $\chi^2/\text{NDF}: 39737604737084$

- sign 1.597 ± 0.000 $\chi^2/\text{NDF}: 299015.4/42$

dit_sam4_4aY_slope vs Slug



Right In: 3.930 ± 0.000 χ^2/NDF : 6140834.2/16

Left Out: -15.887 ± 0.011 χ^2/NDF : 185700.9/24

Right Out: -15.737 ± 0.000 χ^2/NDF : 267953.9/19

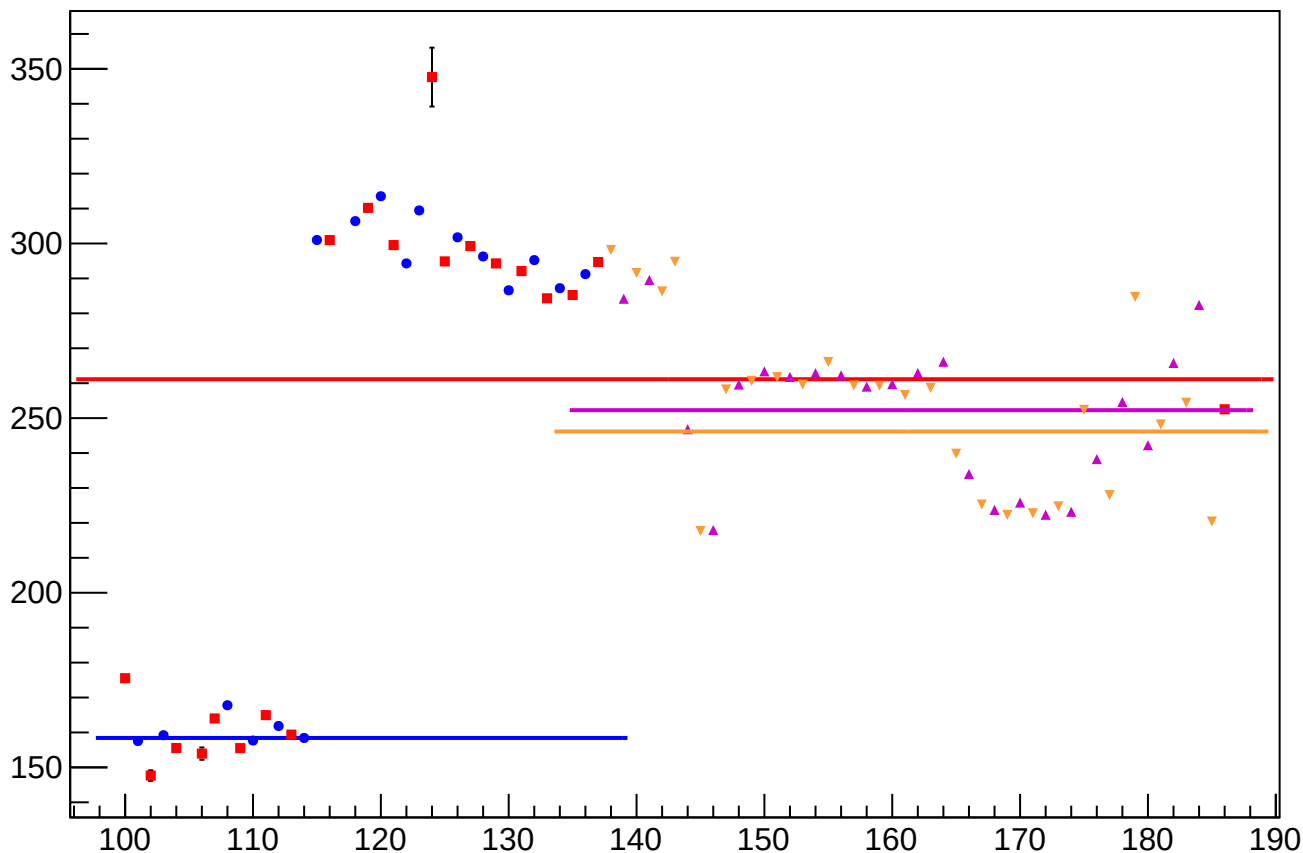
Left In: -17.695 ± 0.012 χ^2/NDF : 121415.4/22

+ sign 3.930 ± 0.000 χ^2/NDF : 9556719.6/41

All: 3.282 ± 0.000 χ^2/NDF : 71120480173548

- sign -15.737 ± 0.000 χ^2/NDF : 417367.2/42

dit_sam4_4eY_slope vs Slug



Right In: 158.426+/-0.000 χ^2/NDF : 3516706.2/16

Left Out: 246.173+/-0.028 χ^2/NDF : 710716.0/24

Right Out: 261.135+/-0.058 χ^2/NDF : 1071307.4/19

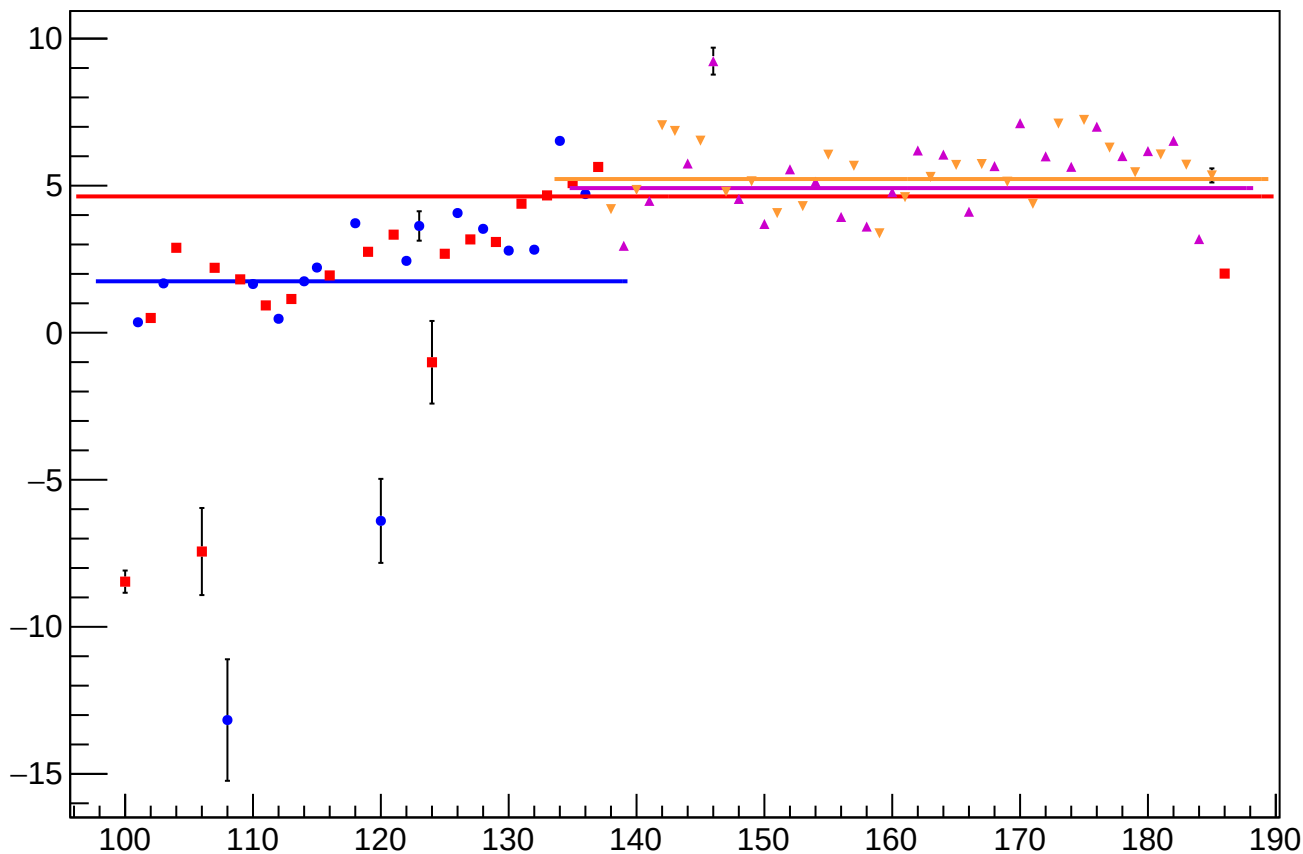
Left In: 252.278+/-0.028 χ^2/NDF : 359829.6/22

+ sign 158.426+/-0.000 χ^2/NDF : 13985121.2/41

All: 158.426+/-0.000 χ^2/NDF : 29409690.7/84

- sign 253.982+/-0.026 χ^2/NDF : 1449793.4/42

dit_sam5_4aX_slope vs Slug



Right In: 1.748 ± 0.000 χ^2/NDF : 11344.3/16

Left Out: 5.225 ± 0.014 χ^2/NDF : 4400.6/24

Right Out: 4.634 ± 0.006 χ^2/NDF : 69723.1/19

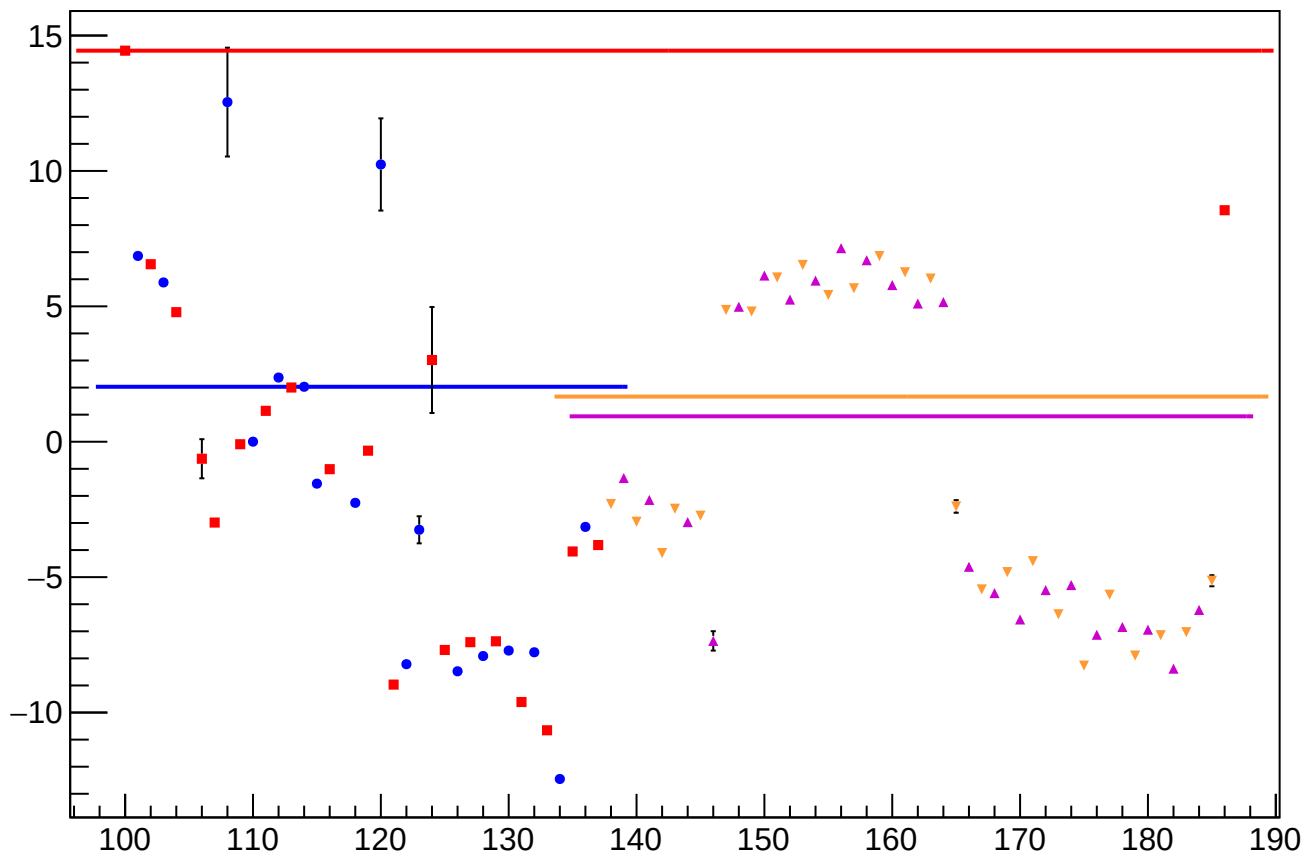
Left In: 4.917 ± 0.013 χ^2/NDF : 10749.9/22

+ sign 1.748 ± 0.000 χ^2/NDF : 80247.6/41

All: 1.748 ± 0.000 χ^2/NDF : 430176.7/84

- sign 4.690 ± 0.006 χ^2/NDF : 80868.1/42

dit_sam5_4eX_slope vs Slug



Right In: 2.030 ± 0.000 χ^2/NDF : 202792.6/16

Left Out: 1.668 ± 0.011 χ^2/NDF : 218728.7/24

Right Out: 14.441 ± 0.000 χ^2/NDF : 5848487.5/19

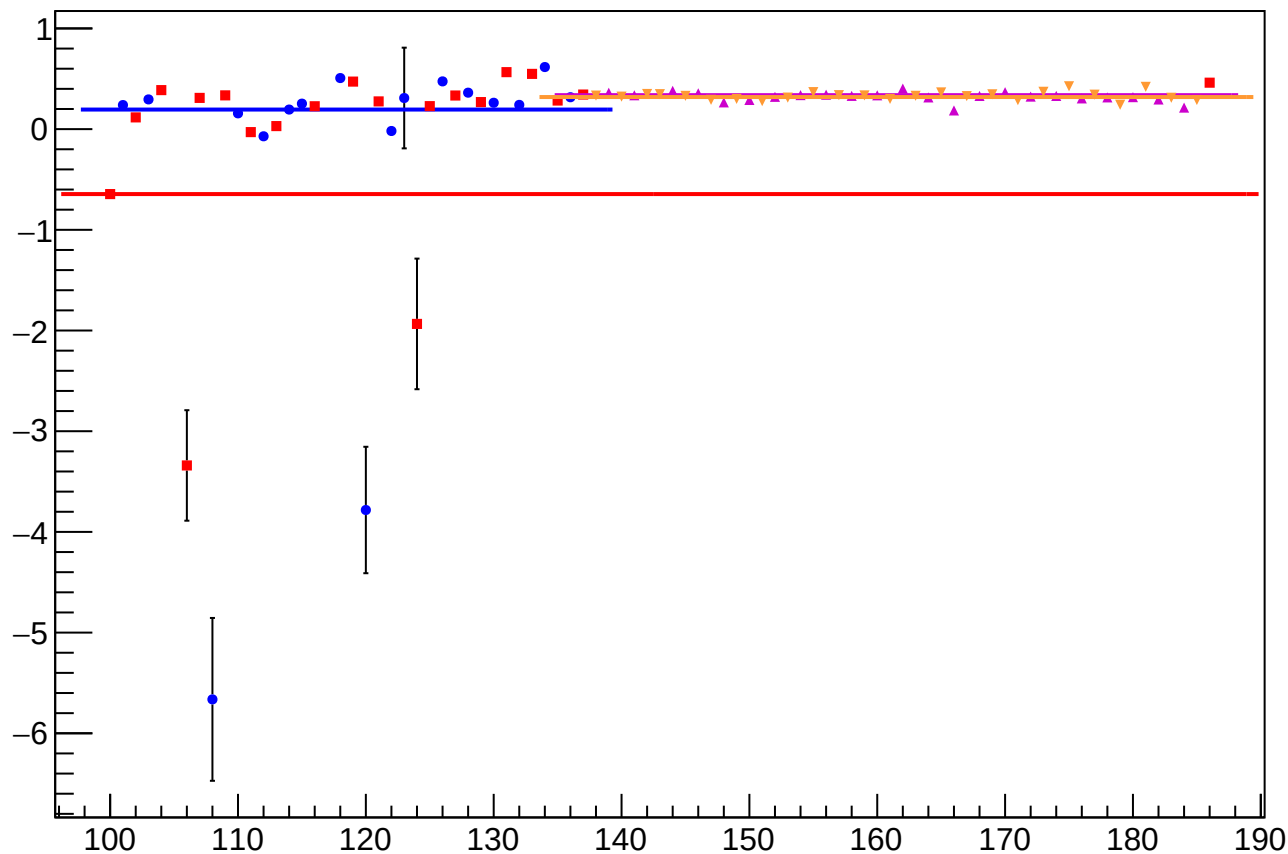
Left In: 0.938 ± 0.011 χ^2/NDF : 253480.7/22

+ sign 2.030 ± 0.000 χ^2/NDF : 422521.5/41

All: 2.439 ± 0.000 χ^2/NDF : 7081114534903

- sign 14.441 ± 0.000 χ^2/NDF : 7578729.1/42

dit_sam5_11X12X_slope vs Slug



Right In: 0.194 ± 0.000 χ^2/NDF : 9617.3/16

Left Out: 0.319 ± 0.001 χ^2/NDF : 3548.1/24

Right Out: -0.645 ± 0.000 χ^2/NDF : 194760.6/19

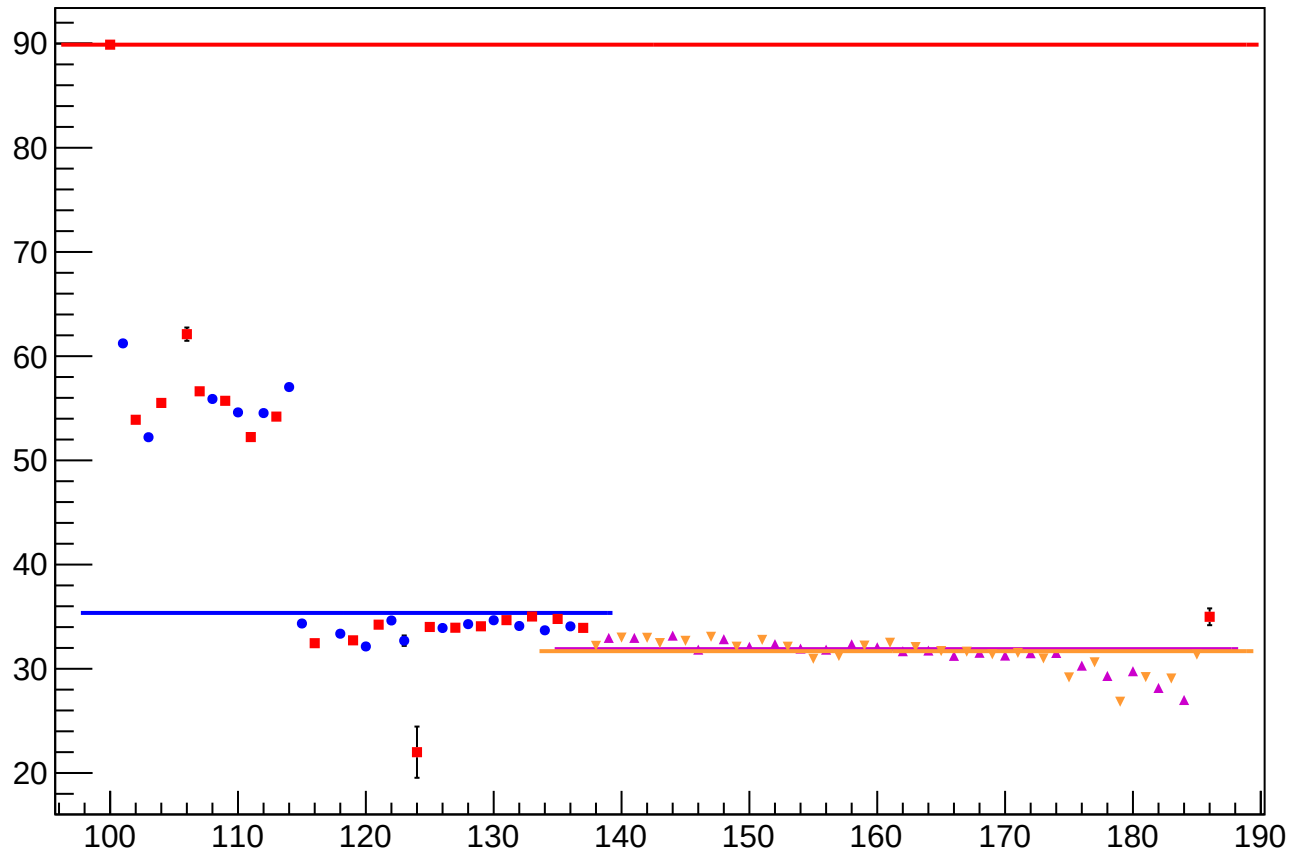
Left In: 0.337 ± 0.001 χ^2/NDF : 4013.5/22

+ sign 0.194 ± 0.000 χ^2/NDF : 74144.4/41

All: 0.167 ± 0.000 χ^2/NDF : 3316576528455

- sign -0.645 ± 0.000 χ^2/NDF : 3498353.6/42

dit_sam5_4aY_slope vs Slug



Right In: 35.361 $\pm$ 0.011 χ^2 /NDF: 204481.2/16

Left Out: 31.692 $\pm$ 0.003 χ^2 /NDF: 68085.3/24

Right Out: 89.893 $\pm$ 0.000 χ^2 /NDF: 68675502.6/19

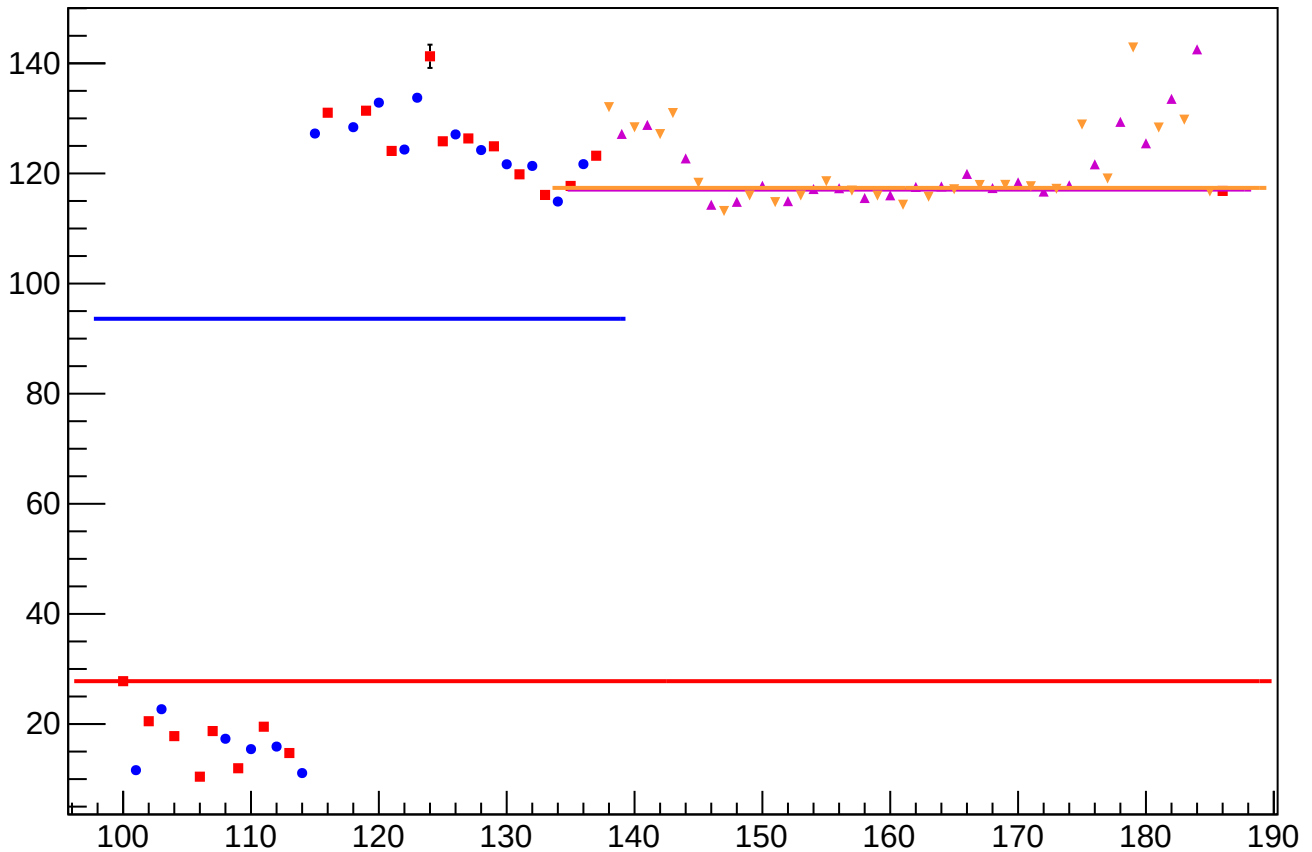
Left In: 31.887 $\pm$ 0.004 χ^2 /NDF: 33208.8/22

+ sign 31.955 $\pm$ 0.003 χ^2 /NDF: 374504.6/41

All: 89.893 $\pm$ 0.000 χ^2 /NDF: 707218963.4/84

- sign 89.893 $\pm$ 0.000 χ^2 /NDF: 324746871.2/42

dit_sam5_4eY_slope vs Slug



Right In: 93.605 $\pm$ 0.027 χ^2 /NDF: 2987877.5/16

Left Out: 117.377 $\pm$ 0.008 χ^2 /NDF: 170523.4/24

Right Out: 27.785 $\pm$ 0.000 χ^2 /NDF: 7929537.8/19

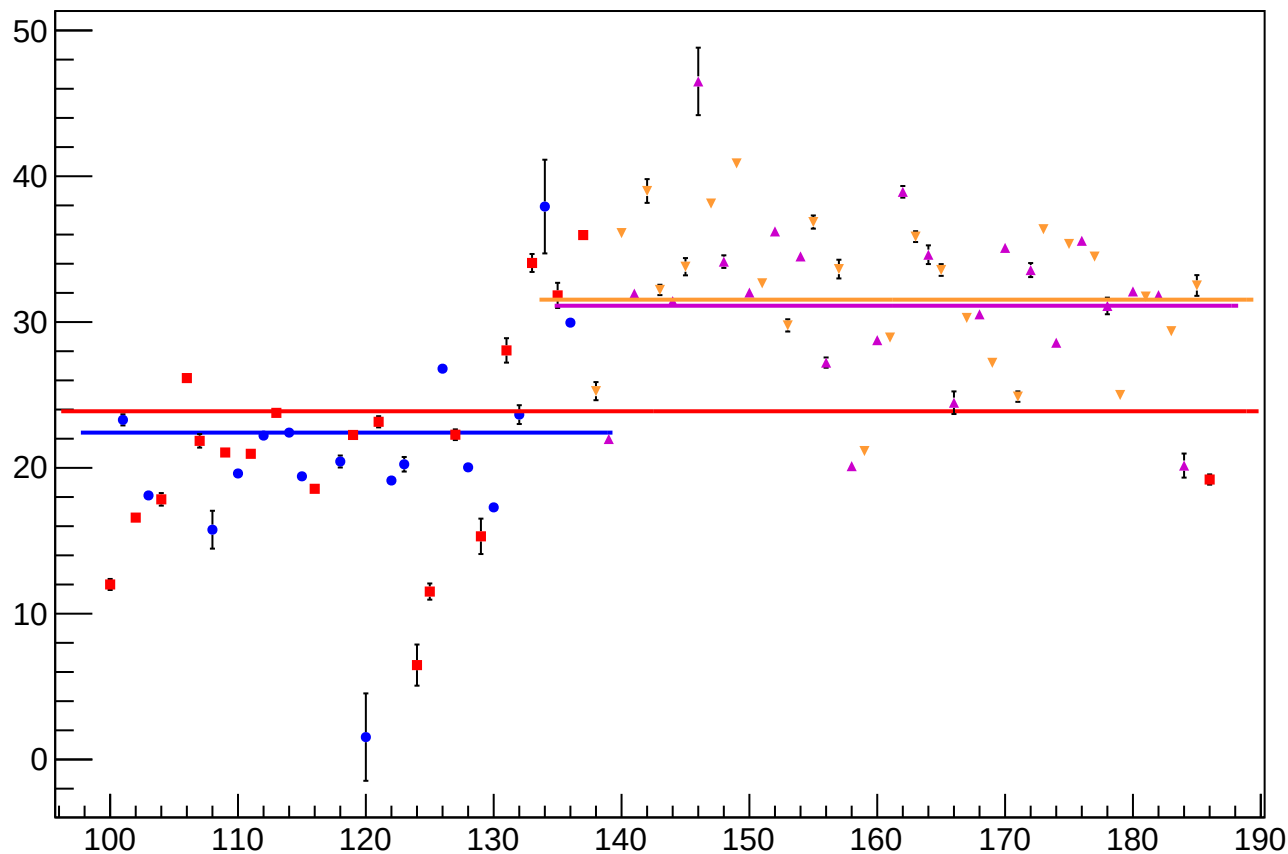
Left In: 117.066 $\pm$ 0.009 χ^2 /NDF: 63800.7/22

+ sign 115.476 $\pm$ 0.008 χ^2 /NDF: 3876867.7/41

All: 27.785 $\pm$ 0.000 χ^2 /NDF: 248577917.3/84

- sign 27.785 $\pm$ 0.000 χ^2 /NDF: 111817178.2/42

dit_sam6_4aX_slope vs Slug



Right In: 22.418 $\pm$ 0.000 χ^2 /NDF: 3247.9/16

Left Out: 31.536 $\pm$ 0.061 χ^2 /NDF: 6088.7/24

Right Out: 23.882 $\pm$ 0.057 χ^2 /NDF: 15591.1/19

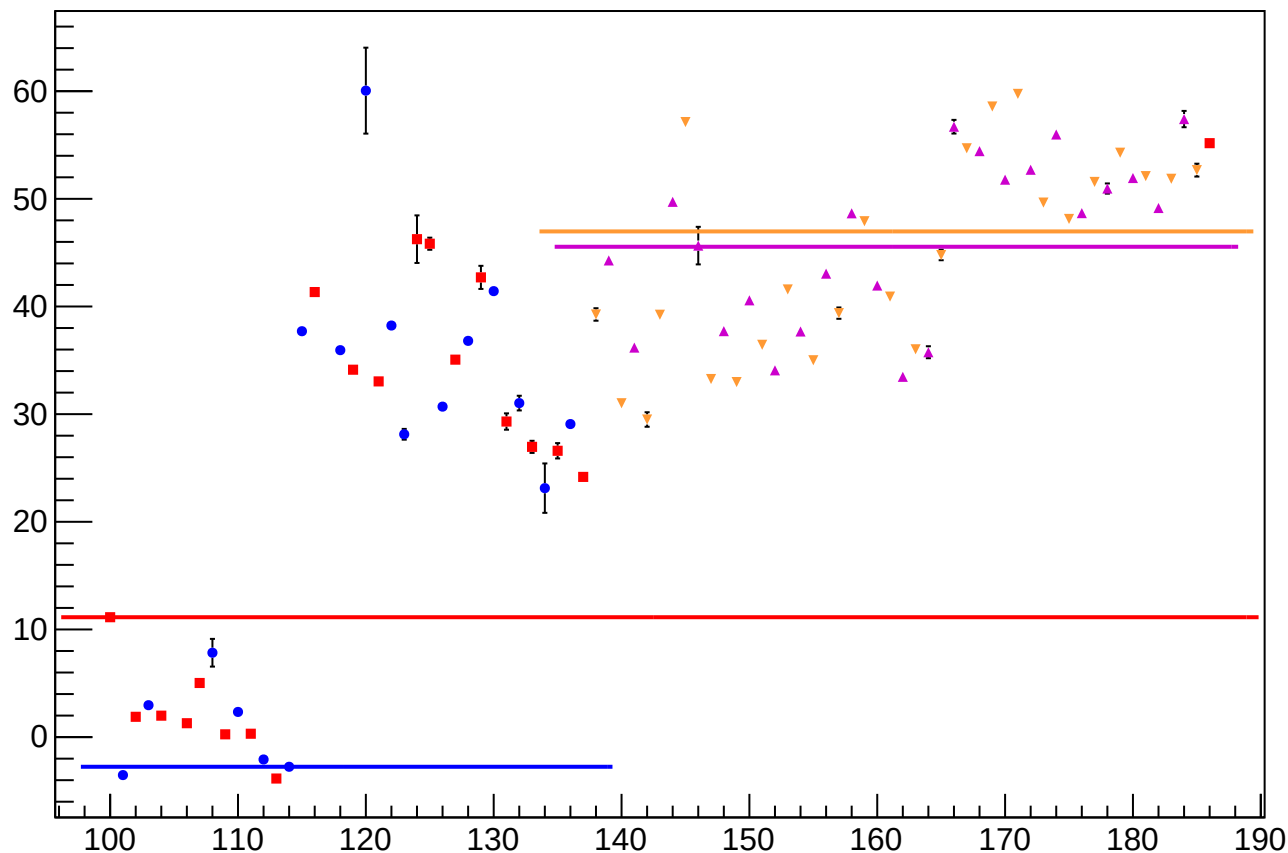
Left In: 31.120 $\pm$ 0.058 χ^2 /NDF: 6111.4/22

+ sign 22.418 $\pm$ 0.000 χ^2 /NDF: 31502.6/41

All: 22.418 $\pm$ 0.000 χ^2 /NDF: 76736.7/84

- sign 27.466 $\pm$ 0.040 χ^2 /NDF: 29690.0/42

dit_sam6_4eX_slope vs Slug



Right In: -2.754 ± 0.000 χ^2/NDF : 149281.3/16

Left Out: 46.973 ± 0.051 χ^2/NDF : 27004.5/24

Right Out: 11.137 ± 0.000 χ^2/NDF : 2604728.9/19

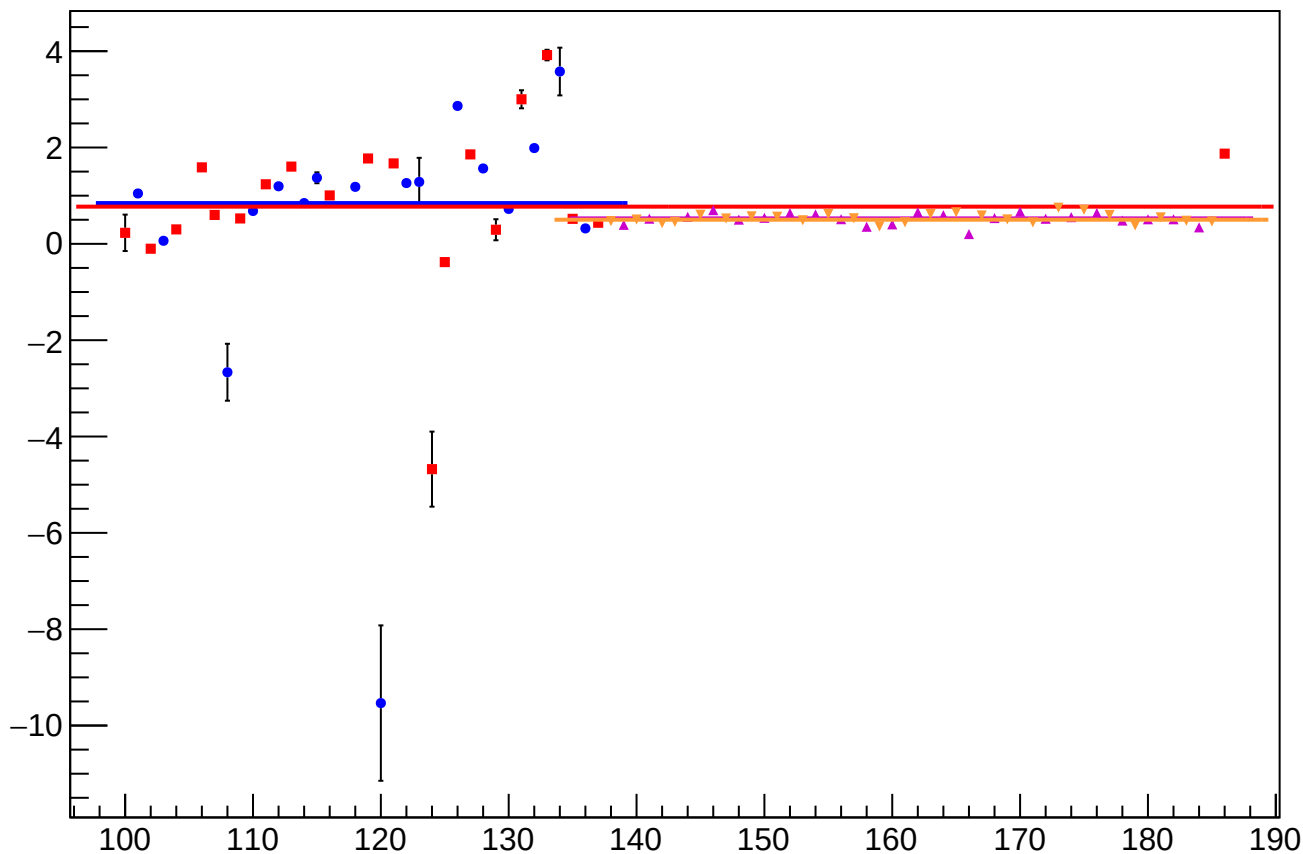
Left In: 45.548 ± 0.049 χ^2/NDF : 19148.5/22

+ sign -2.754 ± 0.000 χ^2/NDF : 1132683.1/41

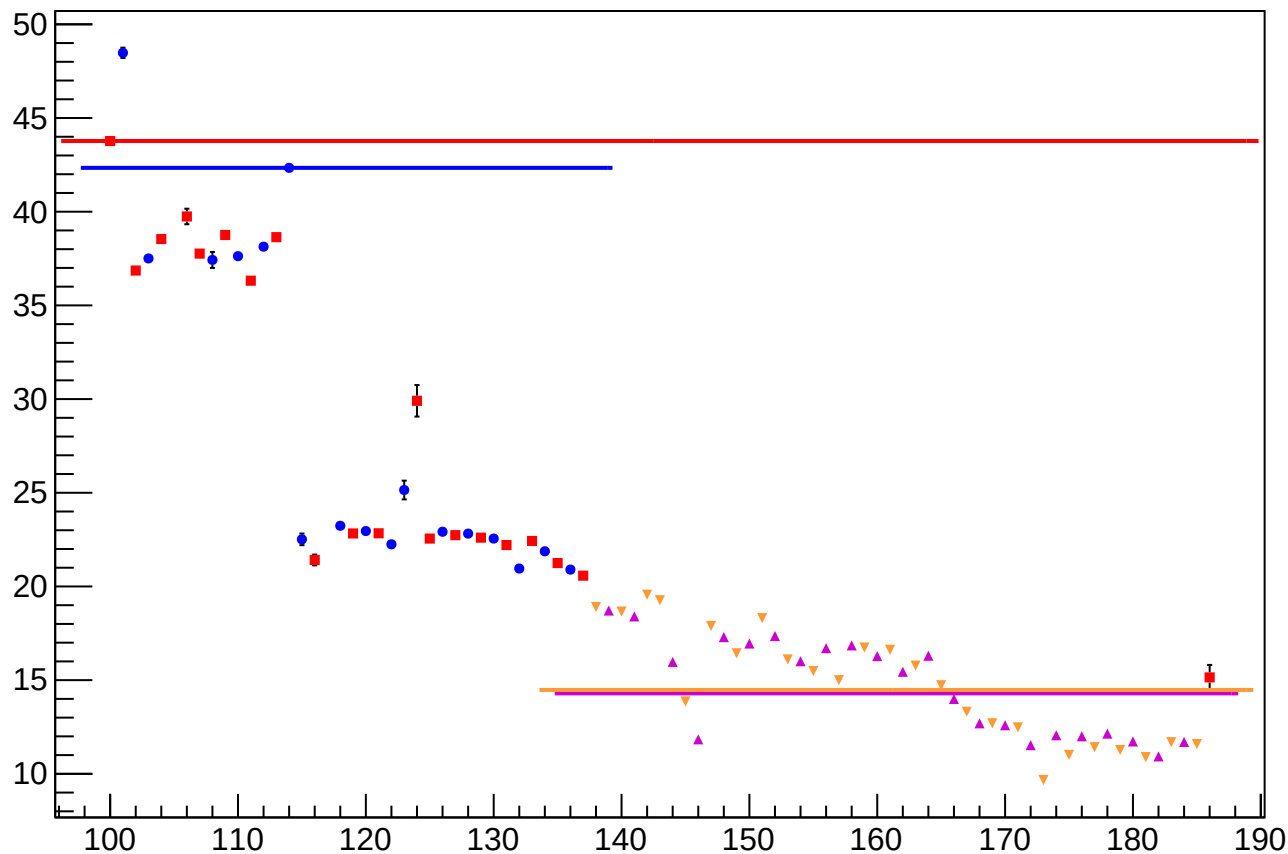
All: -2.637 ± 0.000 χ^2/NDF : 9095226728437

- sign 11.137 ± 0.000 χ^2/NDF : 3111296.3/42

dit_sam6_11X12X_slope vs Slug



dit_sam6_4aY_slope vs Slug



Right In: 42.341+/-0.000 χ^2/NDF : 4058390.3/16

Left Out: 14.478+/-0.005 χ^2/NDF : 321212.8/24

Right Out: 43.773+/-0.000 χ^2/NDF : 4581839.3/19

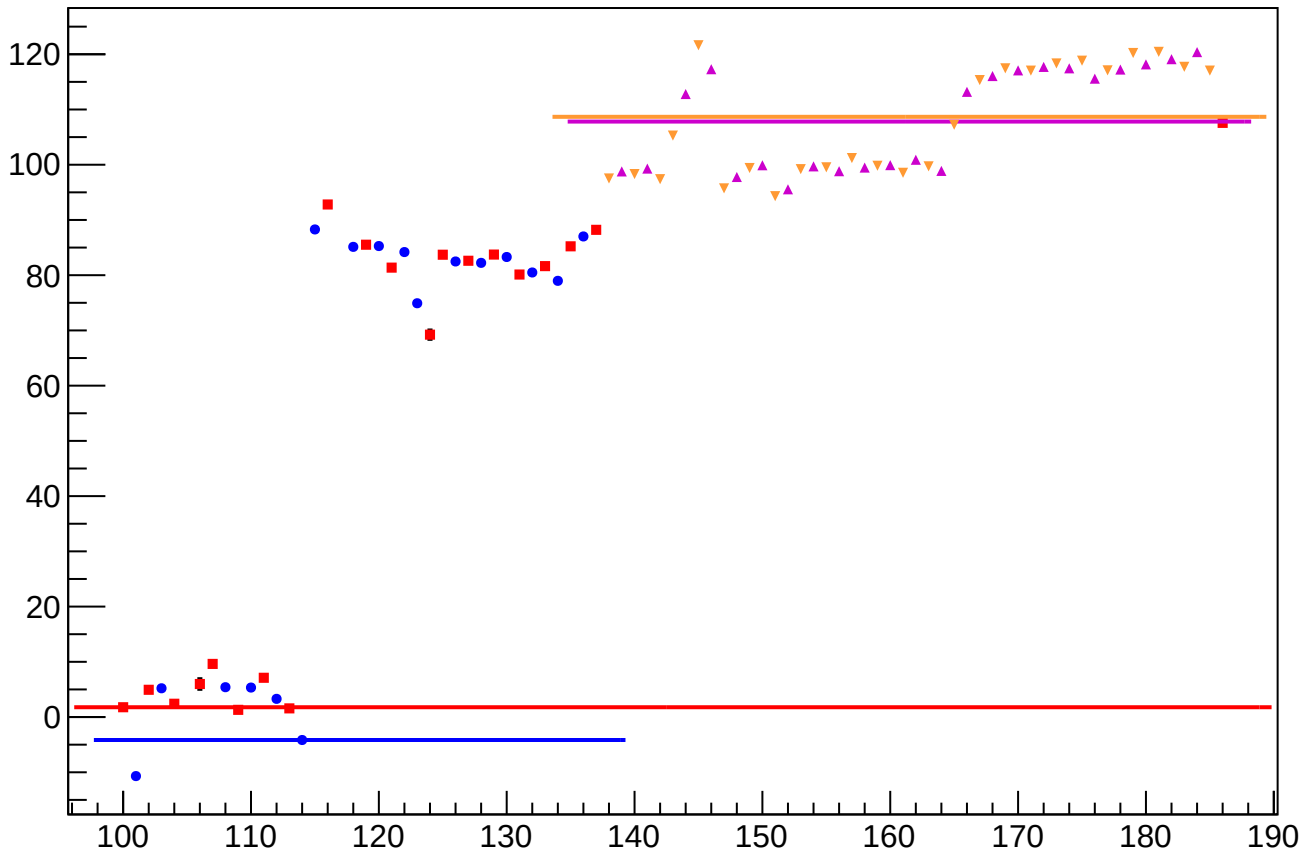
Left In: 14.293+/-0.005 χ^2/NDF : 213936.0/22

+ sign 42.341+/-0.000 χ^2/NDF : 33758364.5/41

All: 42.846+/-0.000 χ^2/NDF : 157736039025

- sign 43.773+/-0.000 χ^2/NDF : 34460892.4/42

dit_sam6_4eY_slope vs Slug



Right In: -4.155 ± 0.000 χ^2/NDF : 8287312.9/16

Left Out: 108.675 ± 0.010 χ^2/NDF : 1002972.5/24

Right Out: 1.777 ± 0.000 χ^2/NDF : 5423429.5/19

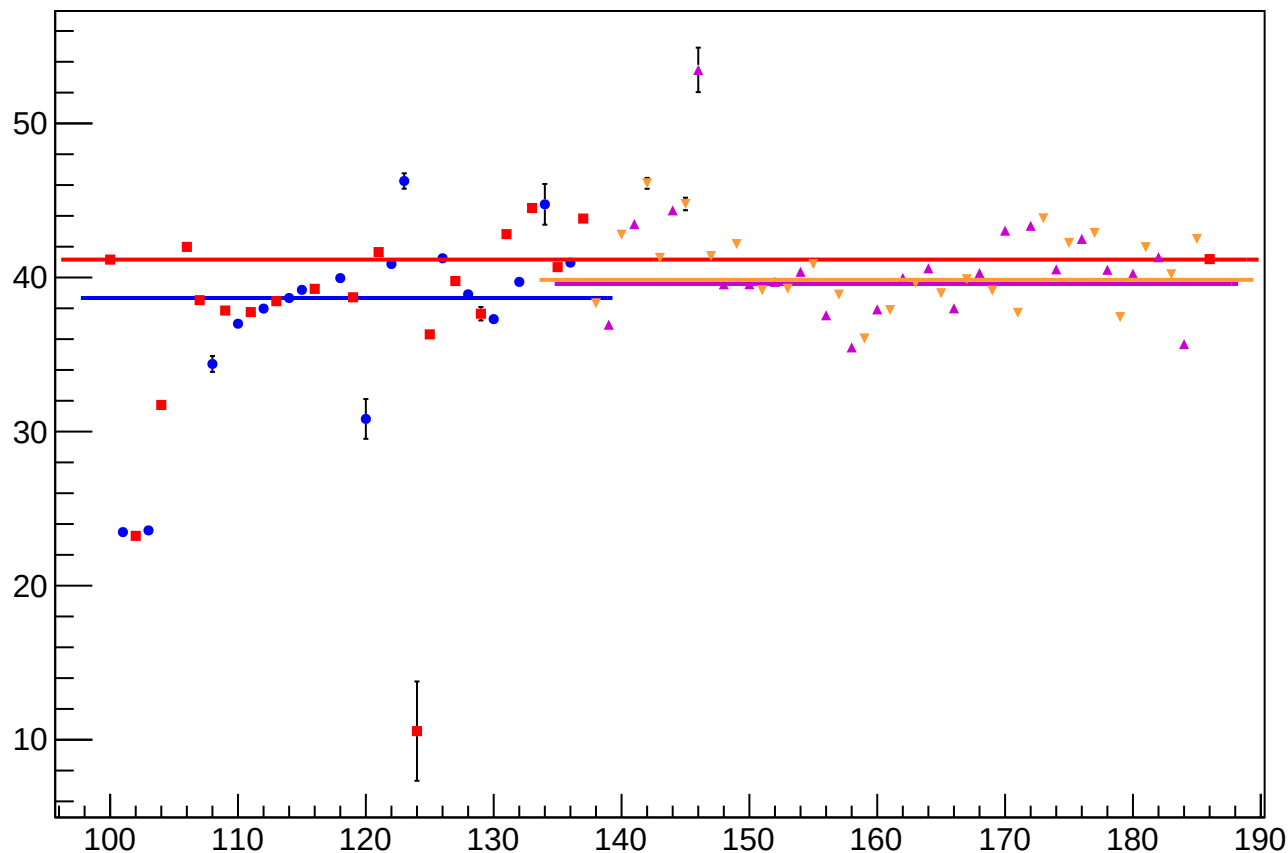
Left In: 107.814 ± 0.010 χ^2/NDF : 911439.9/22

+ sign -4.155 ± 0.000 χ^2/NDF : 146324840.9/41

All: 1.167 ± 0.000 χ^2/NDF : 44022261179950

- sign 1.777 ± 0.000 χ^2/NDF : 128125372.1/42

dit_sam7_4aX_slope vs Slug



Right In: 38.669 $\pm$ 0.000 χ^2 /NDF: 59984.0/16

Left Out: 39.849 $\pm$ 0.027 χ^2 /NDF: 6986.0/24

Right Out: 41.163 $\pm$ 0.000 χ^2 /NDF: 38410.9/19

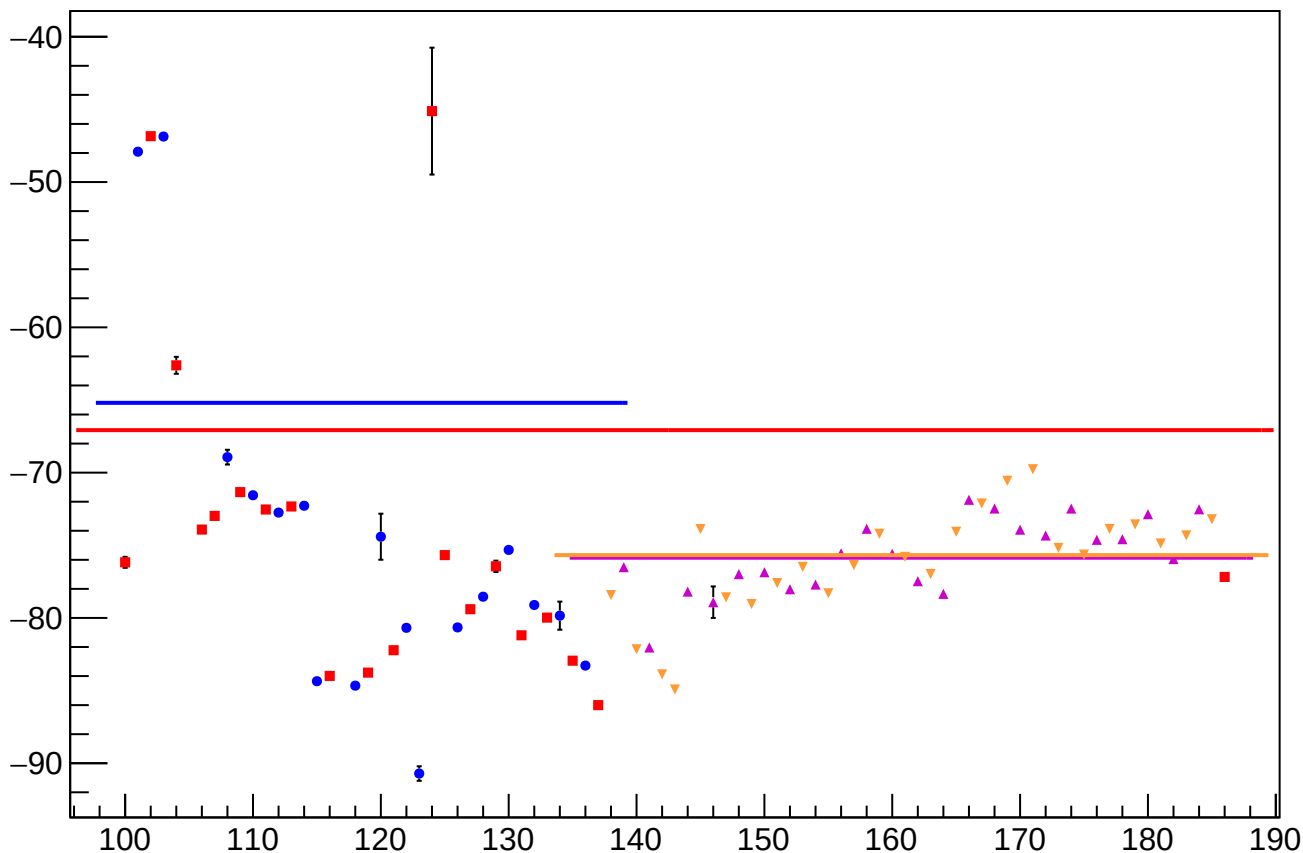
Left In: 39.582 $\pm$ 0.023 χ^2 /NDF: 9138.0/22

+ sign 38.669 $\pm$ 0.000 χ^2 /NDF: 68853.6/41

All: 39.550 $\pm$ 0.000 χ^2 /NDF: 4780640080062

- sign 41.163 $\pm$ 0.000 χ^2 /NDF: 52284.0/42

dit_sam7_4eX_slope vs Slug



Right In: -65.195 ± 0.019 $\chi^2/\text{NDF}: 784258.8/16$

Left Out: -75.675 ± 0.022 $\chi^2/\text{NDF}: 22415.8/24$

Right Out: -67.075 ± 0.016 $\chi^2/\text{NDF}: 821017.5/19$

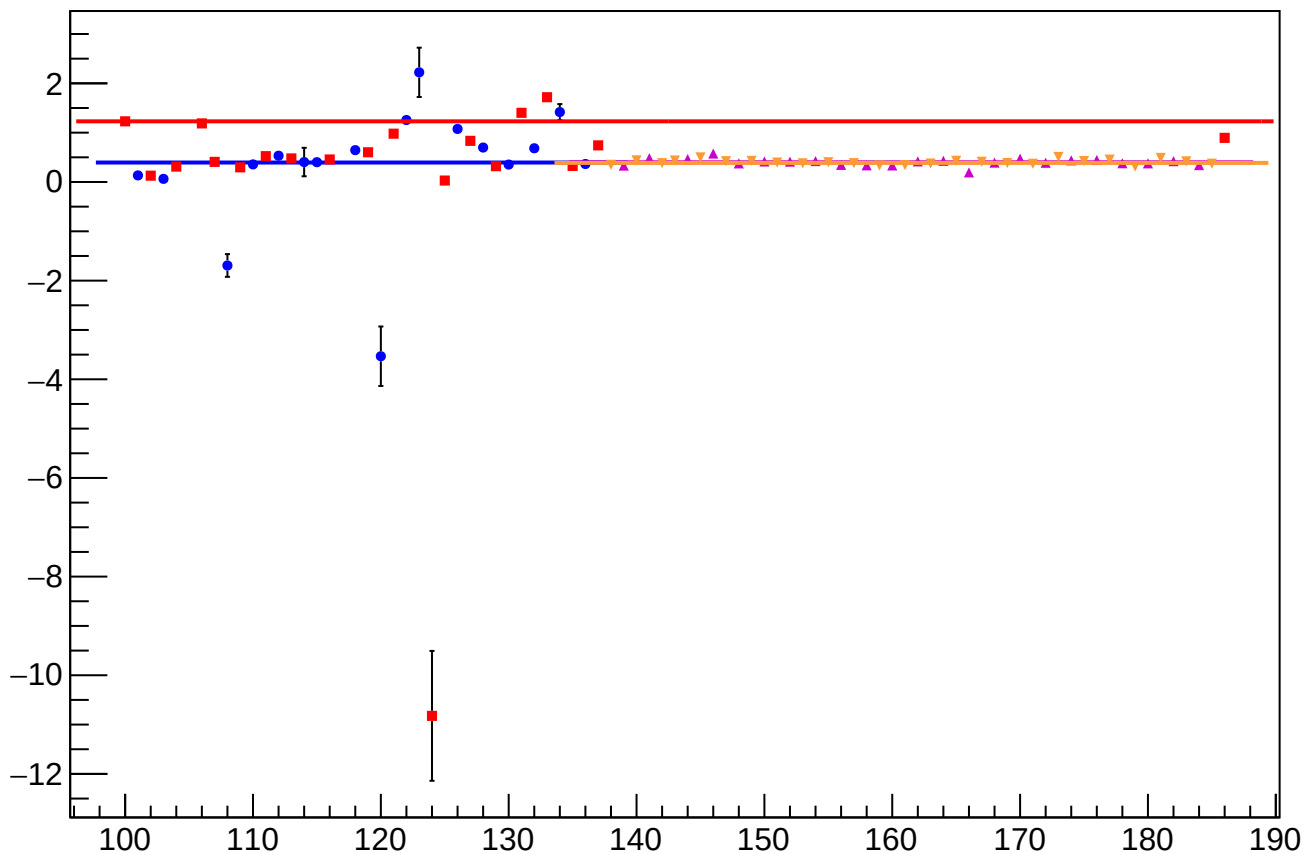
Left In: -75.855 ± 0.019 $\chi^2/\text{NDF}: 12226.9/22$

+ sign -69.620 ± 0.014 $\chi^2/\text{NDF}: 940225.0/41$

All: -70.173 ± 0.009 $\chi^2/\text{NDF}: 1902668.6/84$

- sign -70.575 ± 0.012 $\chi^2/\text{NDF}: 959812.3/42$

dit_sam7_11X12X_slope vs Slug



Right In: 0.395 ± 0.002 χ^2/NDF : 8730.5/16

Left Out: 0.387 ± 0.000 χ^2/NDF : 10552.6/24

Right Out: 1.230 ± 0.000 χ^2/NDF : 48976.7/19

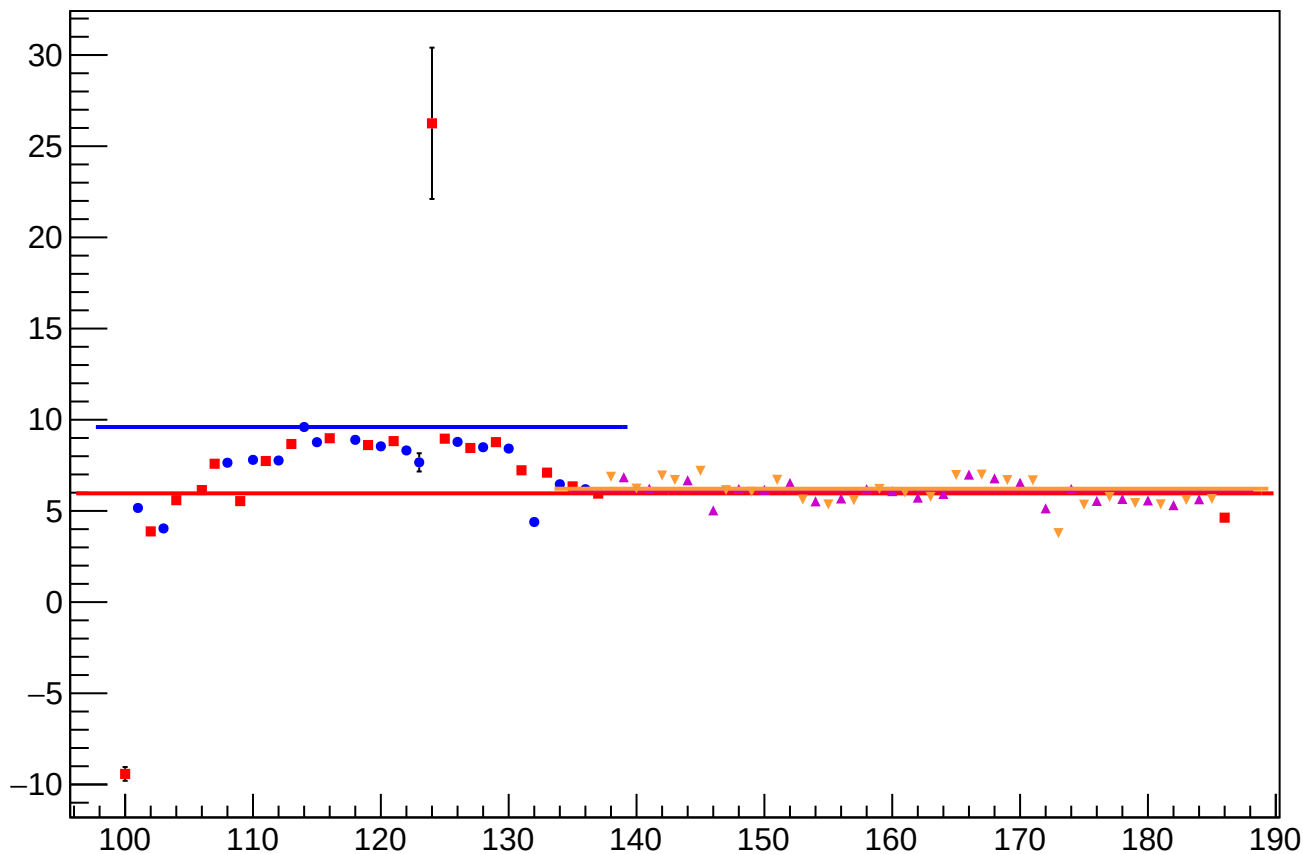
Left In: 0.399 ± 0.000 χ^2/NDF : 8983.2/22

+ sign 0.388 ± 0.000 χ^2/NDF : 19295.3/41

All: 1.230 ± 0.000 χ^2/NDF : 6879217.6/84

- sign 1.230 ± 0.000 χ^2/NDF : 3377563.8/42

dit_sam7_4aY_slope vs Slug



Right In: 9.601 $\pm$ 0.000 χ^2 /NDF: 377404.1/16

Left Out: 6.218 $\pm$ 0.002 χ^2 /NDF:117624.5/24

Right Out: 5.964 $\pm$ 0.000 χ^2 /NDF: 207012.4/19

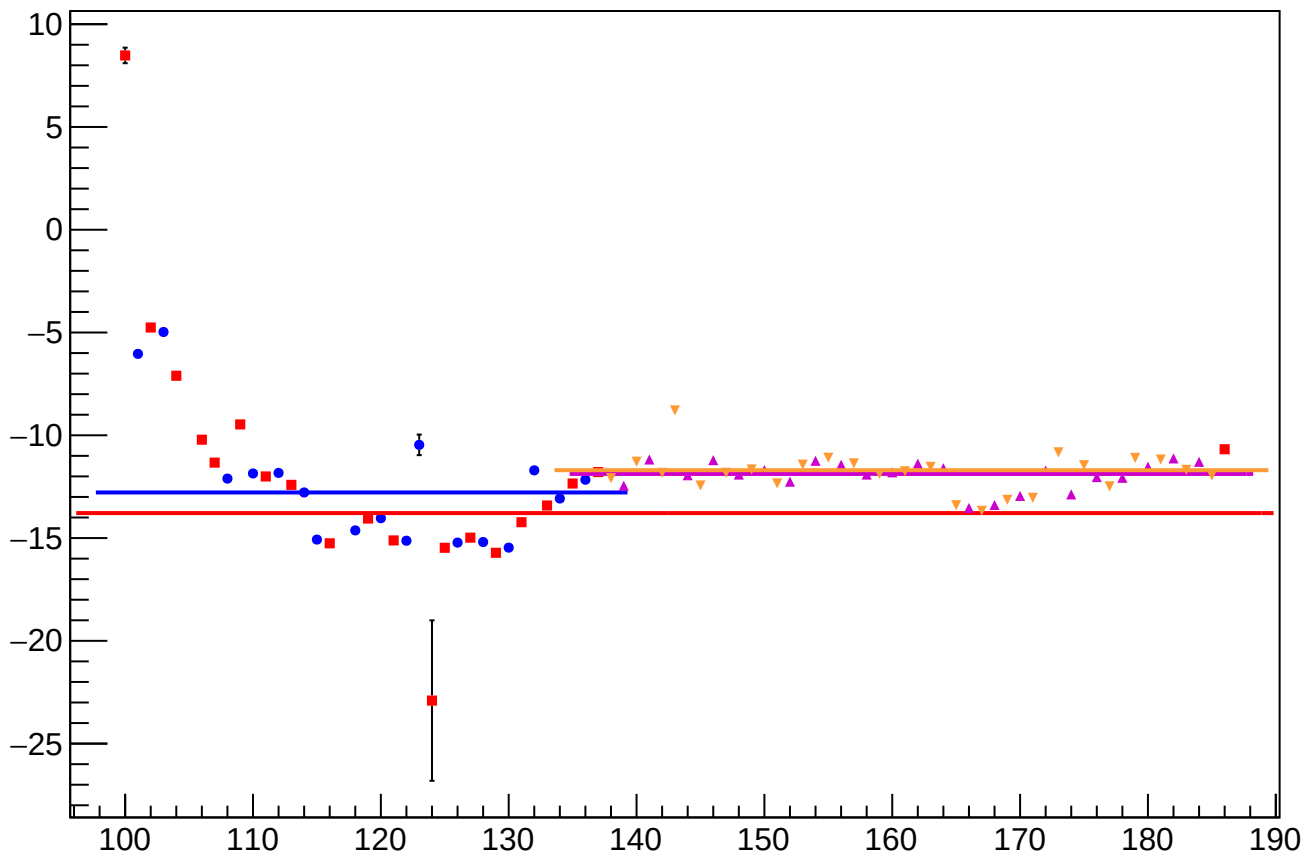
Left In: 6.128 $\pm$ 0.002 χ^2 /NDF:56126.9/22

+ sign 9.601 $\pm$ 0.000 χ^2 /NDF: 5440552.4/41

All: 9.601 $\pm$ 0.000 χ^2 /NDF: 90689396.2/84

- sign 5.975 $\pm$ 0.000 χ^2 /NDF: 274184.6/42

dit_sam7_4eY_slope vs Slug



Right In: -12.781 ± 0.000 $\chi^2/\text{NDF}: 122716.4/16$

Left Out: -11.698 ± 0.002 $\chi^2/\text{NDF}: 313736.8/24$

Right Out: -13.784 ± 0.005 $\chi^2/\text{NDF}: 79528.4/19$

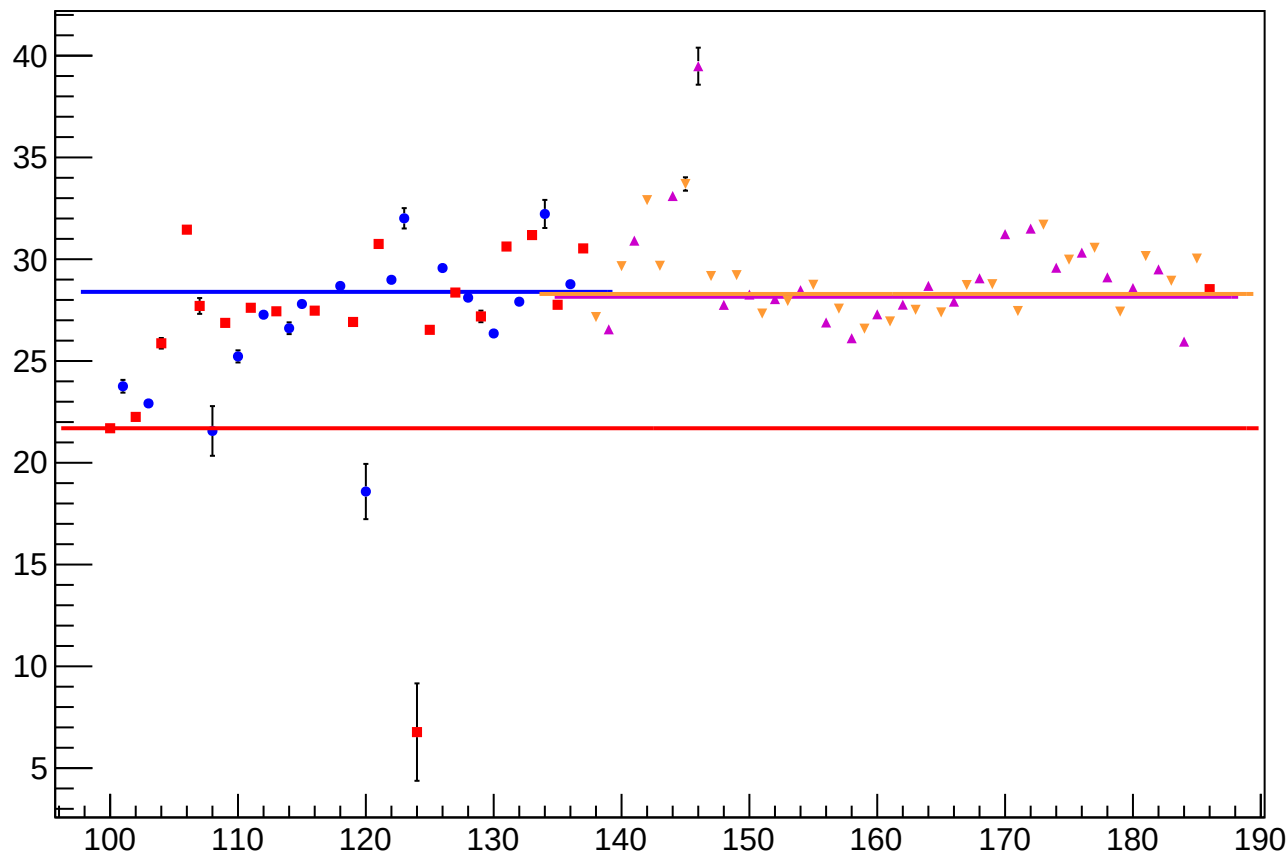
Left In: -11.880 ± 0.002 $\chi^2/\text{NDF}: 66782.1/22$

+ sign -12.781 ± 0.000 $\chi^2/\text{NDF}: 705873.1/41$

All: -12.781 ± 0.000 $\chi^2/\text{NDF}: 1071633.6/84$

- sign -12.133 ± 0.002 $\chi^2/\text{NDF}: 255765.4/42$

dit_sam8_4aX_slope vs Slug



Right In: 28.396 $\pm$ 0.024 χ^2 /NDF: 3440.8/16

Left Out: 28.294 $\pm$ 0.018 χ^2 /NDF: 6787.0/24

Right Out: 21.696 $\pm$ 0.000 χ^2 /NDF: 49012.0/19

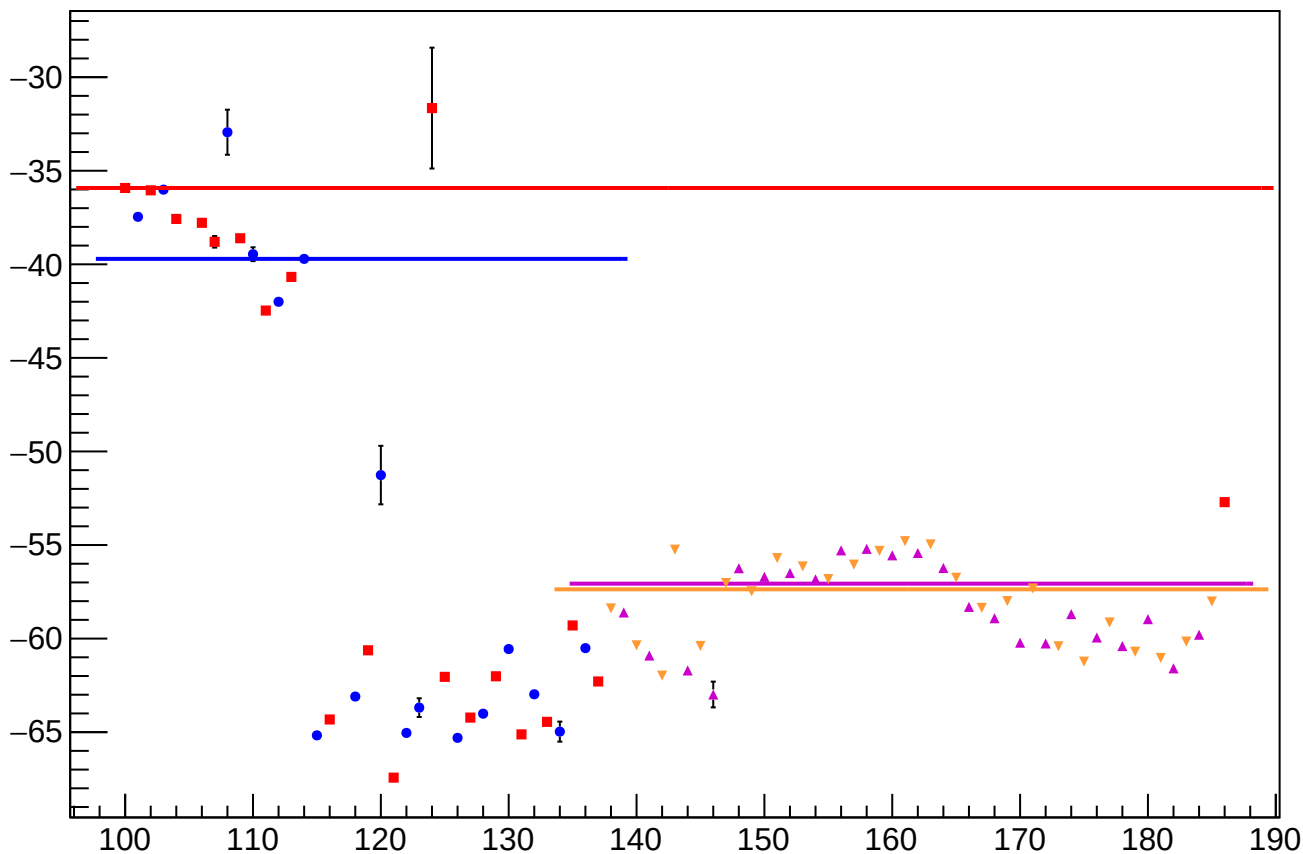
Left In: 28.156 $\pm$ 0.015 χ^2 /NDF: 9251.0/22

+ sign 28.329 $\pm$ 0.014 χ^2 /NDF: 10239.4/41

All: 21.696 $\pm$ 0.000 χ^2 /NDF: 476464.8/84

- sign 21.696 $\pm$ 0.000 χ^2 /NDF: 250972.1/42

dit_sam8_4eX_slope vs Slug



Right In: -39.710 ± 0.000 $\chi^2/\text{NDF}: 1354716.8/16$

Left Out: -57.368 ± 0.015 $\chi^2/\text{NDF}: 22796.2/24$

Right Out: -35.921 ± 0.000 $\chi^2/\text{NDF}: 805485.3/19$

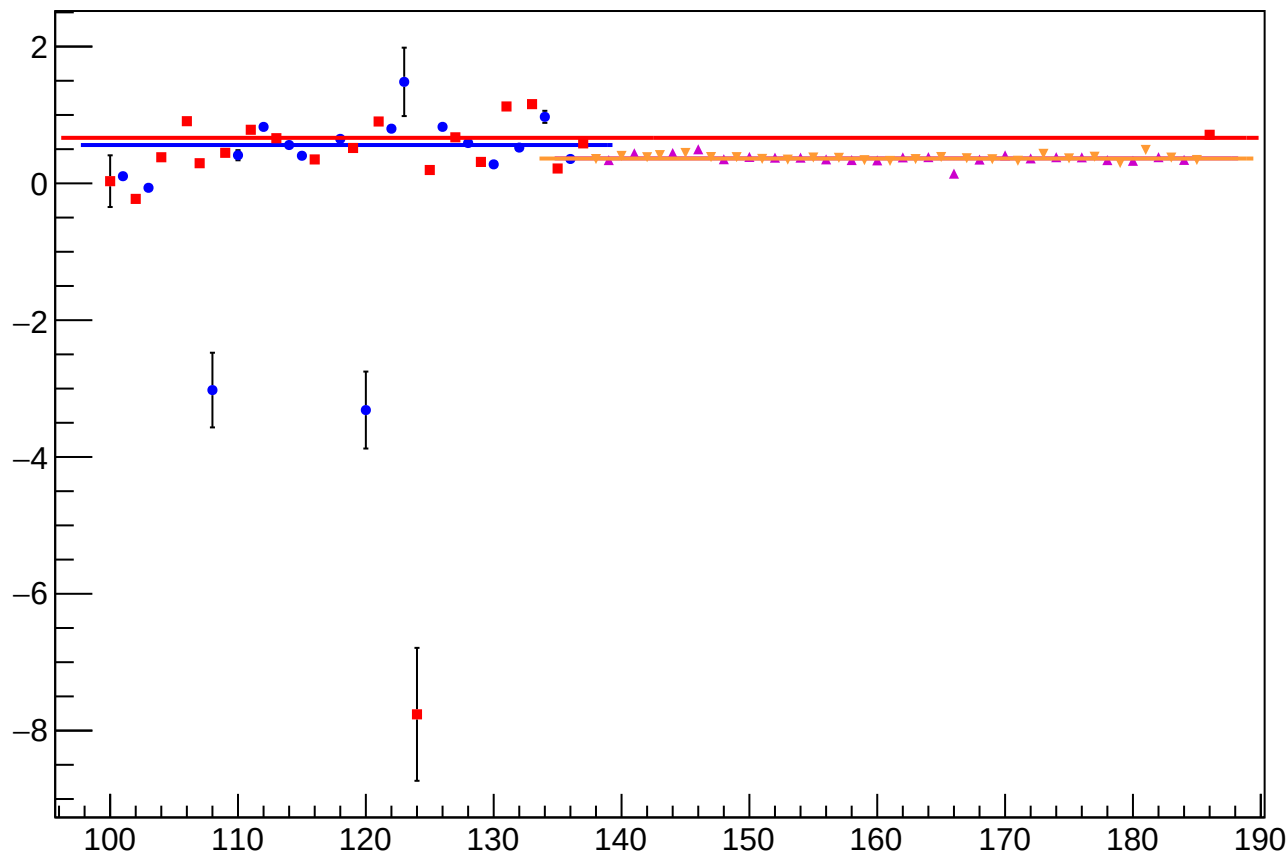
Left In: -57.064 ± 0.013 $\chi^2/\text{NDF}: 19679.5/22$

+ sign -39.710 ± 0.000 $\chi^2/\text{NDF}: 2857670.2/41$

All: -38.373 ± 0.000 $\chi^2/\text{NDF}: 110369434011$

- sign -35.921 ± 0.000 $\chi^2/\text{NDF}: 3596072.0/42$

dit_sam8_11X12X_slope vs Slug



Right In: 0.561 ± 0.000 χ^2/NDF : 16869.2/16

Left Out: 0.363 ± 0.000 χ^2/NDF : 8024.1/24

Right Out: 0.666 ± 0.005 χ^2/NDF : 3782.8/19

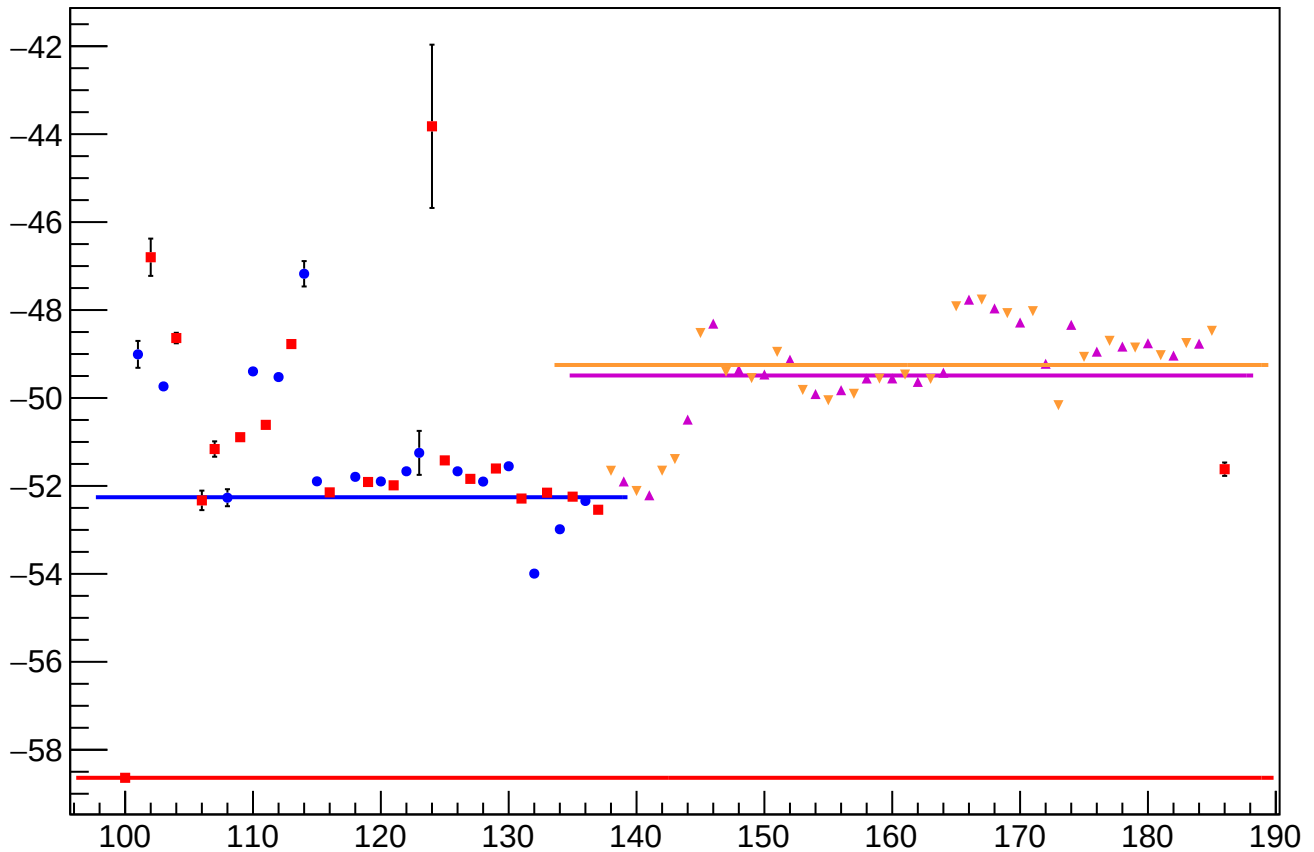
Left In: 0.365 ± 0.000 χ^2/NDF : 6174.1/22

+ sign 0.561 ± 0.000 χ^2/NDF : 364498.8/41

All: 0.561 ± 0.000 χ^2/NDF : 725607.6/84

- sign 0.367 ± 0.000 χ^2/NDF : 14259.4/42

dit_sam8_4aY_slope vs Slug



Right In: -52.257 ± 0.004 χ^2/NDF : 24373.7/16

Left Out: -49.249 ± 0.001 χ^2/NDF : 493166.2/24

Right Out: -58.637 ± 0.000 χ^2/NDF : 31282874.5/19

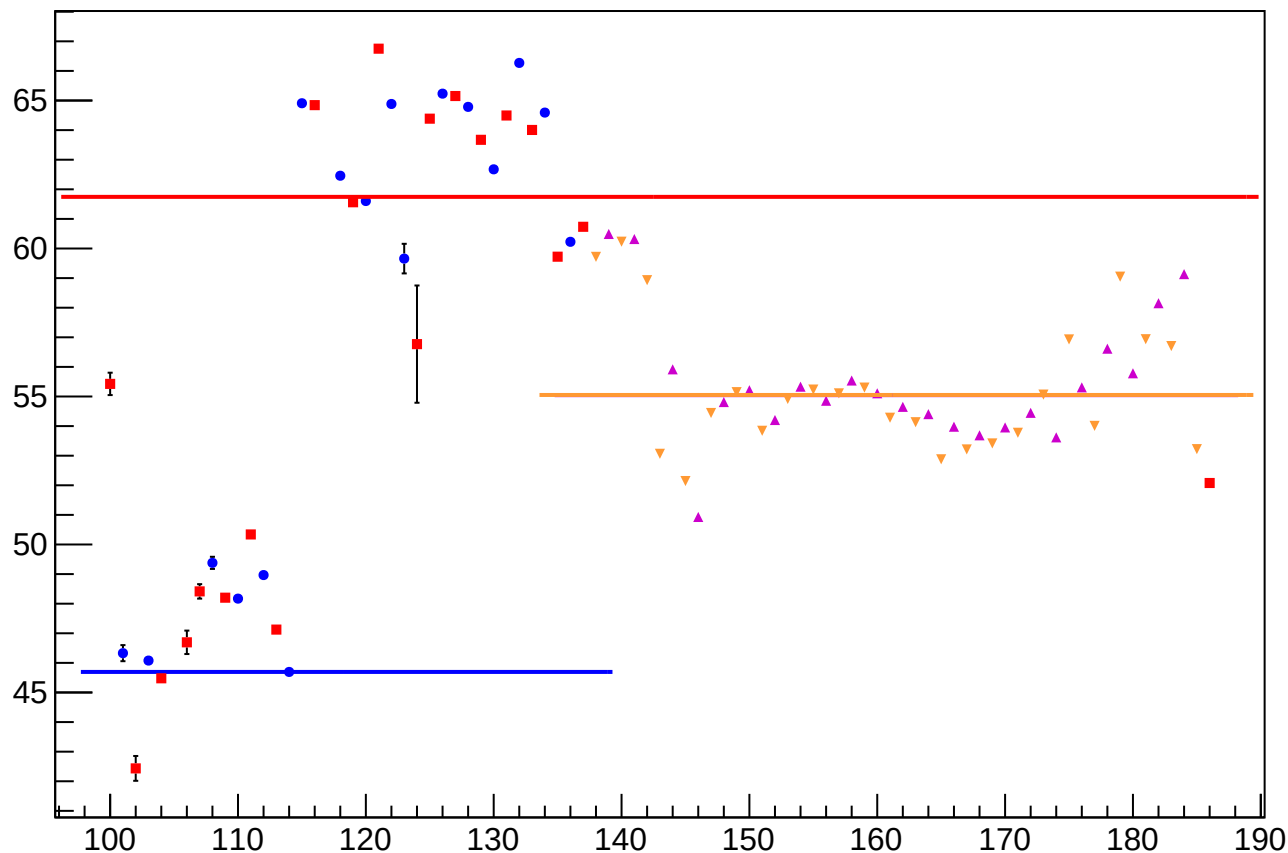
Left In: -49.488 ± 0.001 χ^2/NDF : 431523.8/22

+ sign -49.625 ± 0.001 χ^2/NDF : 1113326.9/41

All: -58.637 ± 0.000 χ^2/NDF : 124620152.8/8

- sign -58.637 ± 0.000 χ^2/NDF : 74539003.5/42

dit_sam8_4eY_slope vs Slug



Right In: 45.694 $\pm$ 0.000 χ^2 /NDF: 3571709.5/16

Left Out: 55.052 $\pm$ 0.003 χ^2 /NDF: 373445.7/24

Right Out: 61.745 $\pm$ 0.006 χ^2 /NDF: 264175.9/19

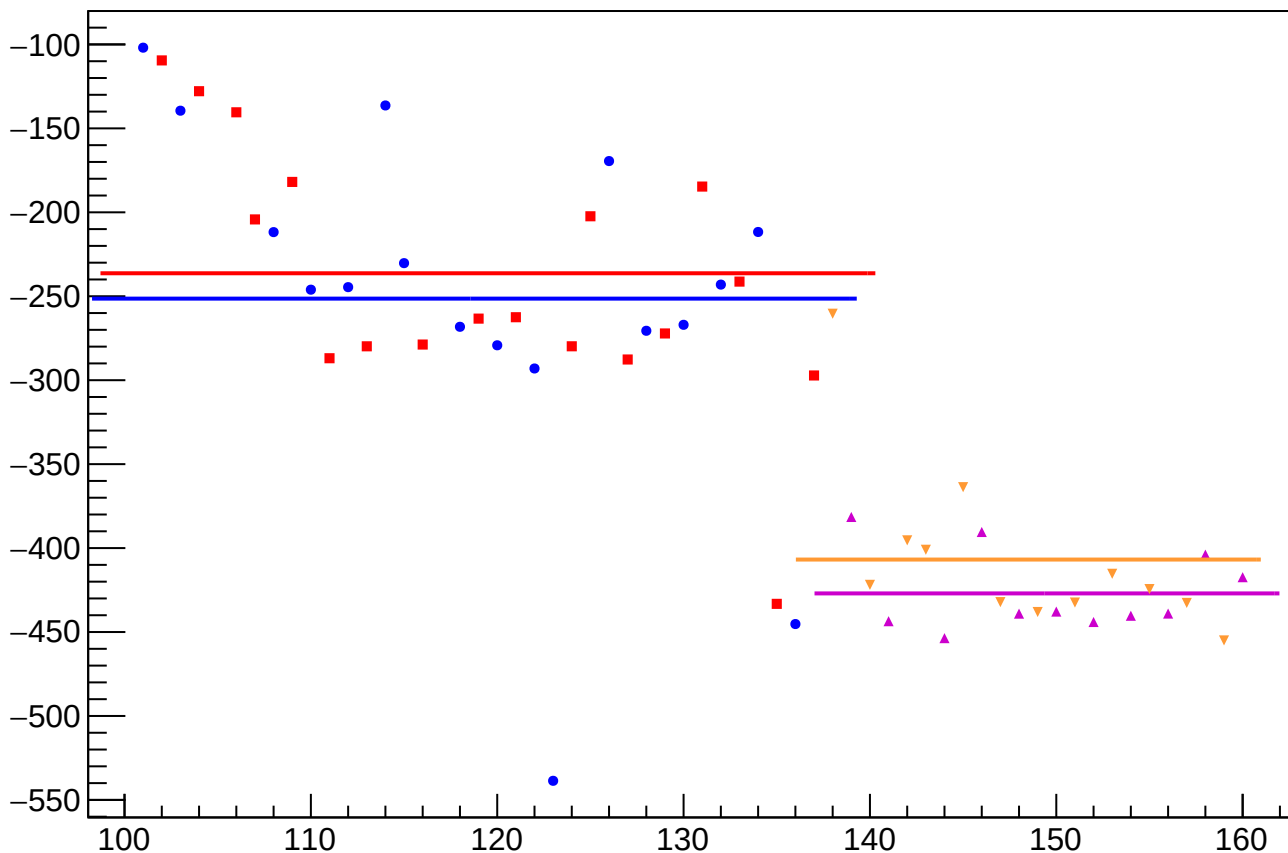
Left In: 55.045 $\pm$ 0.003 χ^2 /NDF: 88930.1/22

+ sign 45.694 $\pm$ 0.000 χ^2 /NDF: 13012406.8/41

All: 45.694 $\pm$ 0.000 χ^2 /NDF: 30373669.9/84

- sign 56.172 $\pm$ 0.003 χ^2 /NDF: 1273461.7/42

dit_4aX_coil1_mean vs Slug



Right In: -251.407+/-0.000 χ^2/NDF : 6377716677142803615785313646231420928.0/16

Left Out: -406.833+/-0.000 χ^2/NDF : 2292767804308975563331061576326184960.0/11

Right Out: -236.305+/-0.000 χ^2/NDF : 4583669398649017152985031455186878464.0/17

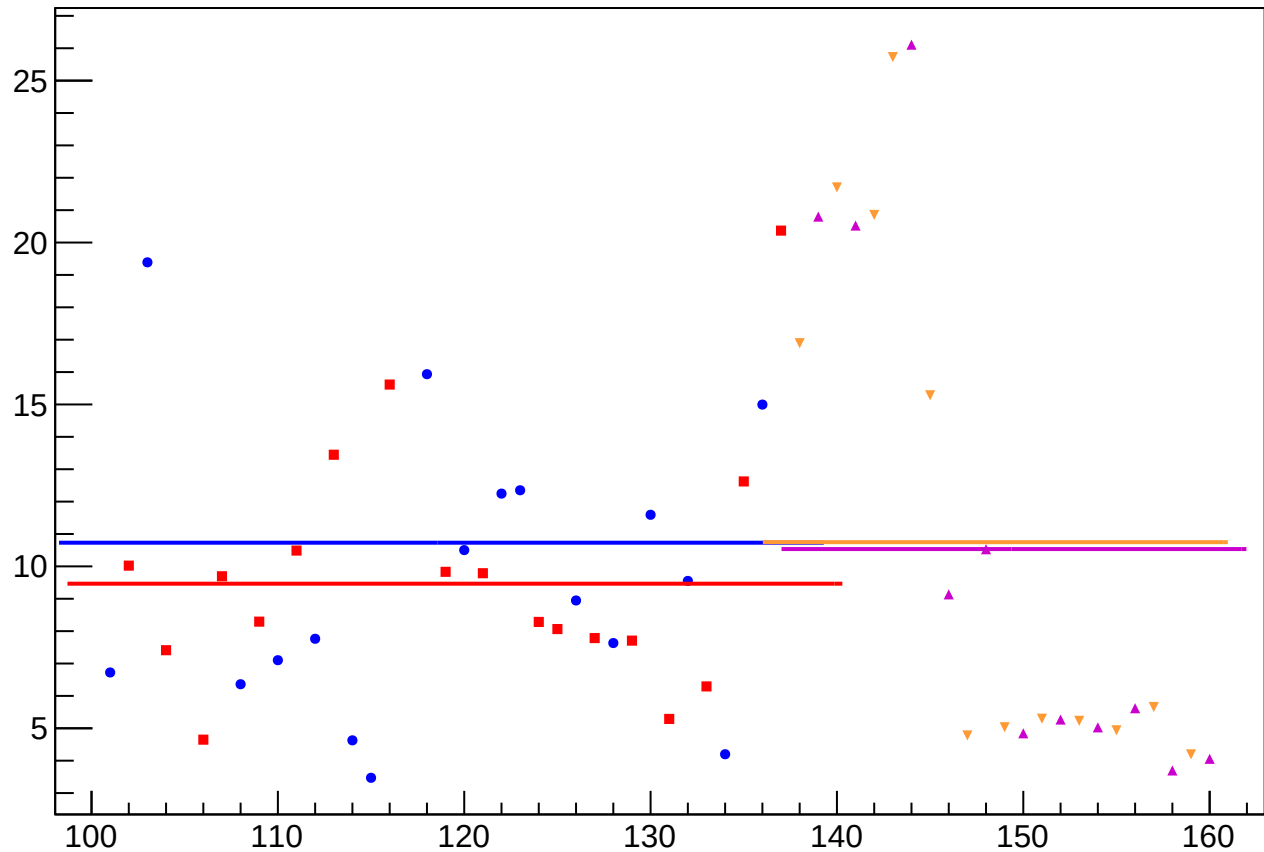
Left In: -426.999+/-0.000 χ^2/NDF : 491897519091150809282810233728532480.0/10

+ sign -339.543+/-0.000 χ^2/NDF : 18177302415444

All: -341.937+/-0.000 χ^2/NDF : 37990848197

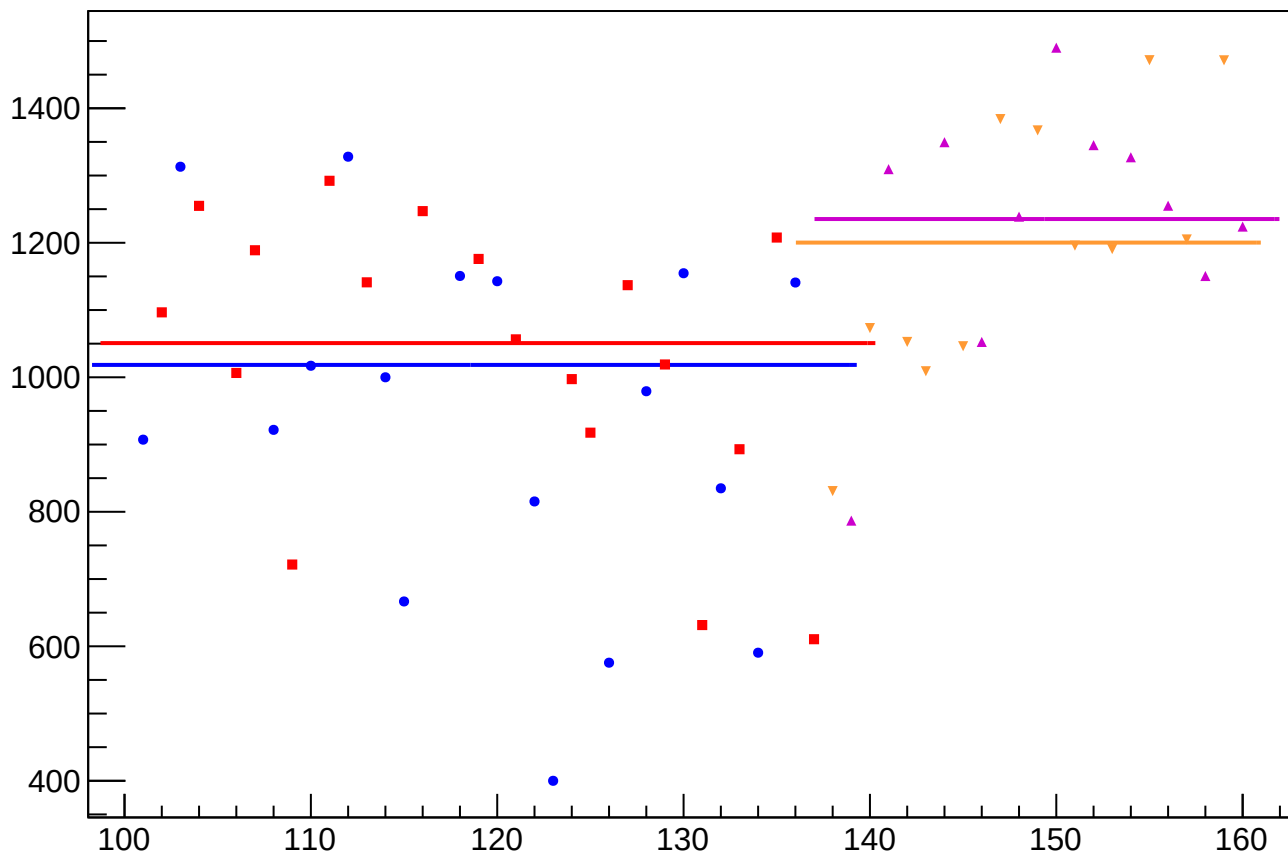
- sign -344.265+/-0.000 χ^2/NDF : 197954301913054

dit_4aX_coil1_err_mean vs Slug



Right In: 10.731+/-0.000 χ^2/NDF : 12832156832660883988585211297267712.0/16
 Left Out: 10.747+/-0.000 χ^2/NDF : 52568555520200298220372681258172416.0/11
 Right Out: 9.465+/-0.000 χ^2/NDF : 6964289429474711338503750841008128.0/17
 Left In: 10.535+/-0.000 χ^2/NDF : 56030306294181725597372333160398848.0/10

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

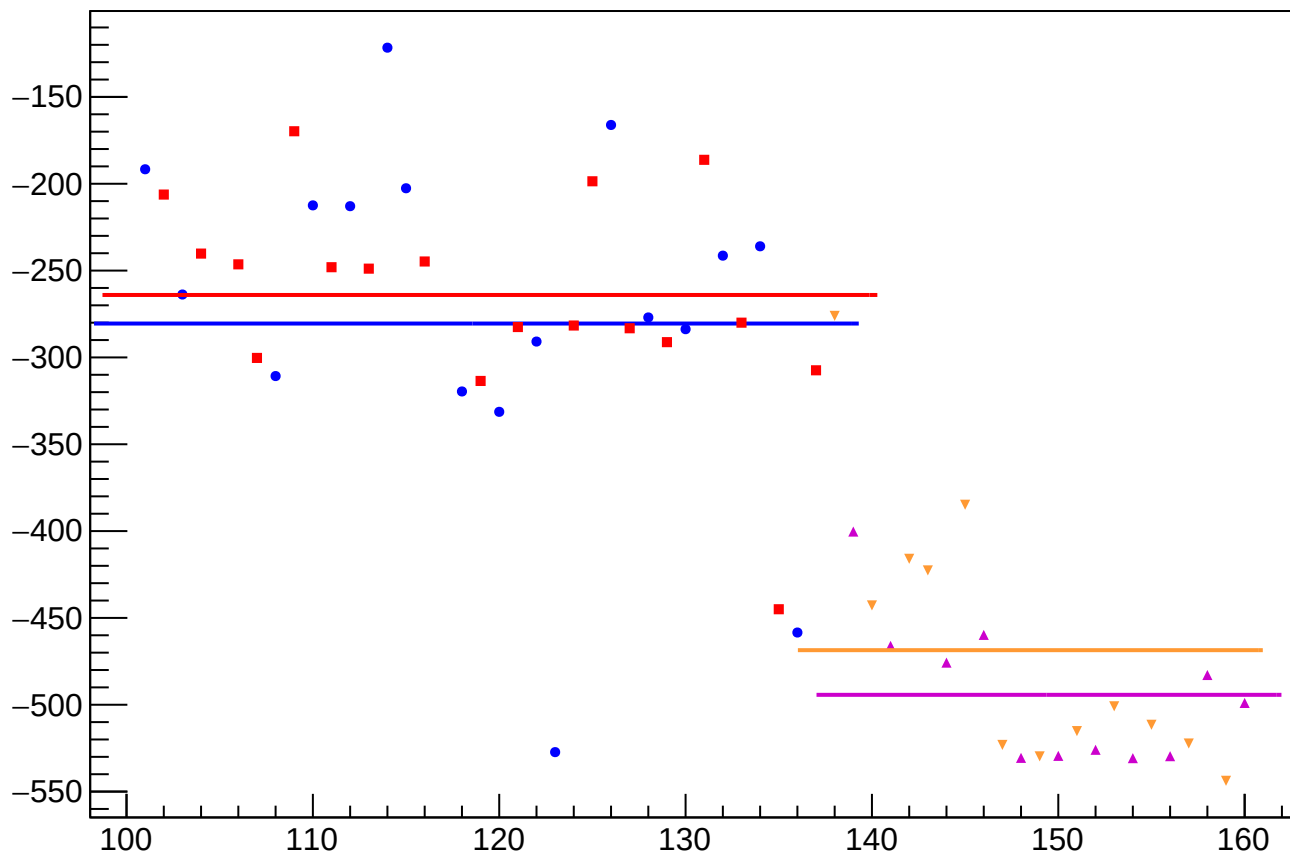
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

dit_4eX_coil1_mean vs Slug



Right In: -280.488+/-0.000 χ^2/NDF : 5126630238526976320868749941319663616.0/16

Left Out: -468.575+/-0.000 χ^2/NDF : 5376900160405137659978716094572527616.0/11

Right Out: -264.038+/-0.000 χ^2/NDF : 2950904189133891581840816046652522496.0/17

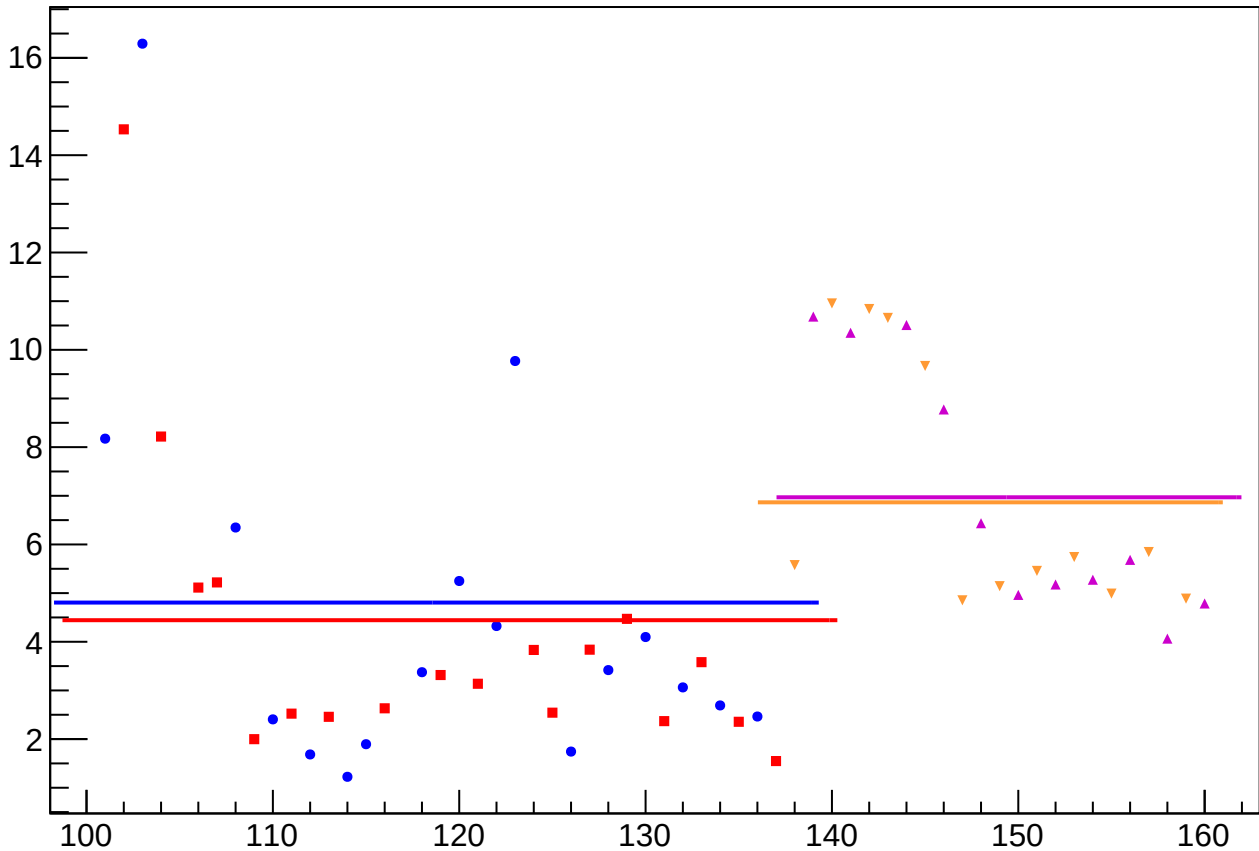
Left In: -494.291+/-0.000 χ^2/NDF : 1453739025414967917322489885861347328.0/10

+ sign -387.145+/-0.000 χ^2/NDF : 24425652530066

All: -390.819+/-0.000 χ^2/NDF : 50333532153

- sign -394.393+/-0.000 χ^2/NDF : 258651894809758

dit_4eX_coil1_err_mean vs Slug



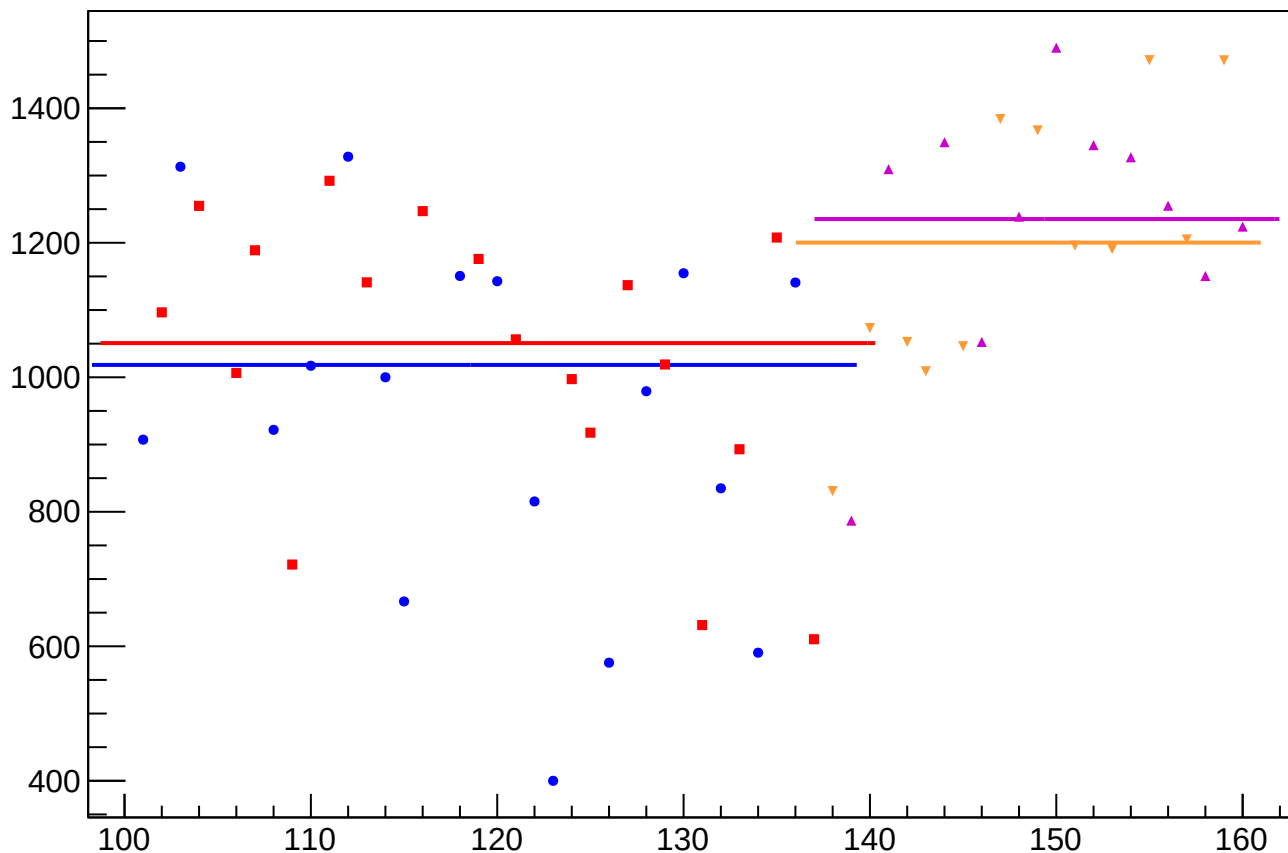
Right In: 4.806+/-0.000 χ^2/NDF : 10922956451109492621931429310234624.0/16

Left Out: 6.866+/-0.000 χ^2/NDF : 5299669563995653642636095012208640.0/11

Right Out: 4.443+/-0.000 χ^2/NDF : 8238698902114437843582467079929856.0/17

Left In: 6.969+/-0.000 χ^2/NDF : 5610929853594389107325212135784448.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

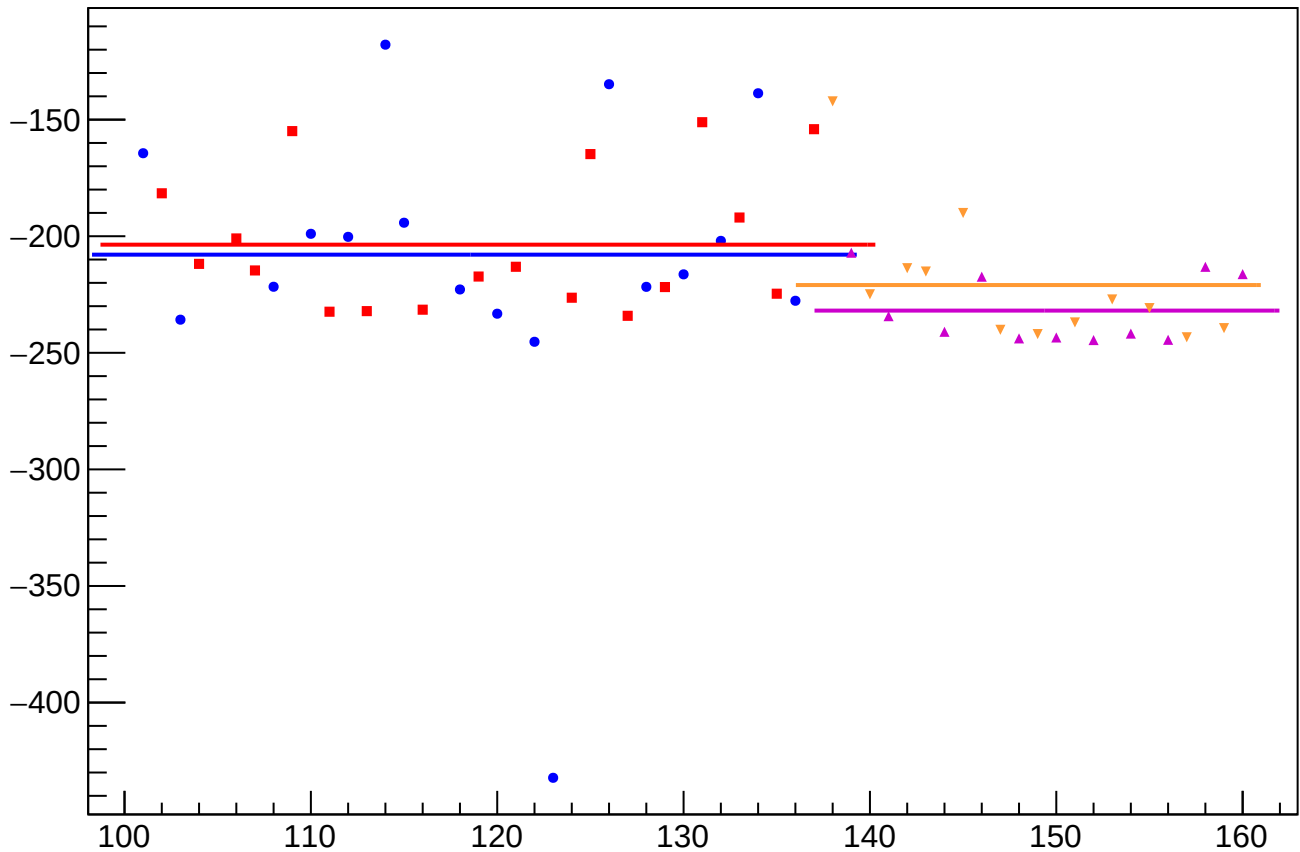
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

dit_11X12X_coil1_mean vs Slug



Right In: -207.905 $\pm$ 0.000 χ^2 /NDF: 932229169633108948090208893374824448.0/16

Left Out: -220.938 $\pm$ 0.000 χ^2 /NDF: 725702280929192018663060859751759872.0/11

Right Out: -203.621 $\pm$ 0.000 χ^2 /NDF: 555366082114711816530063438779514880.0/17

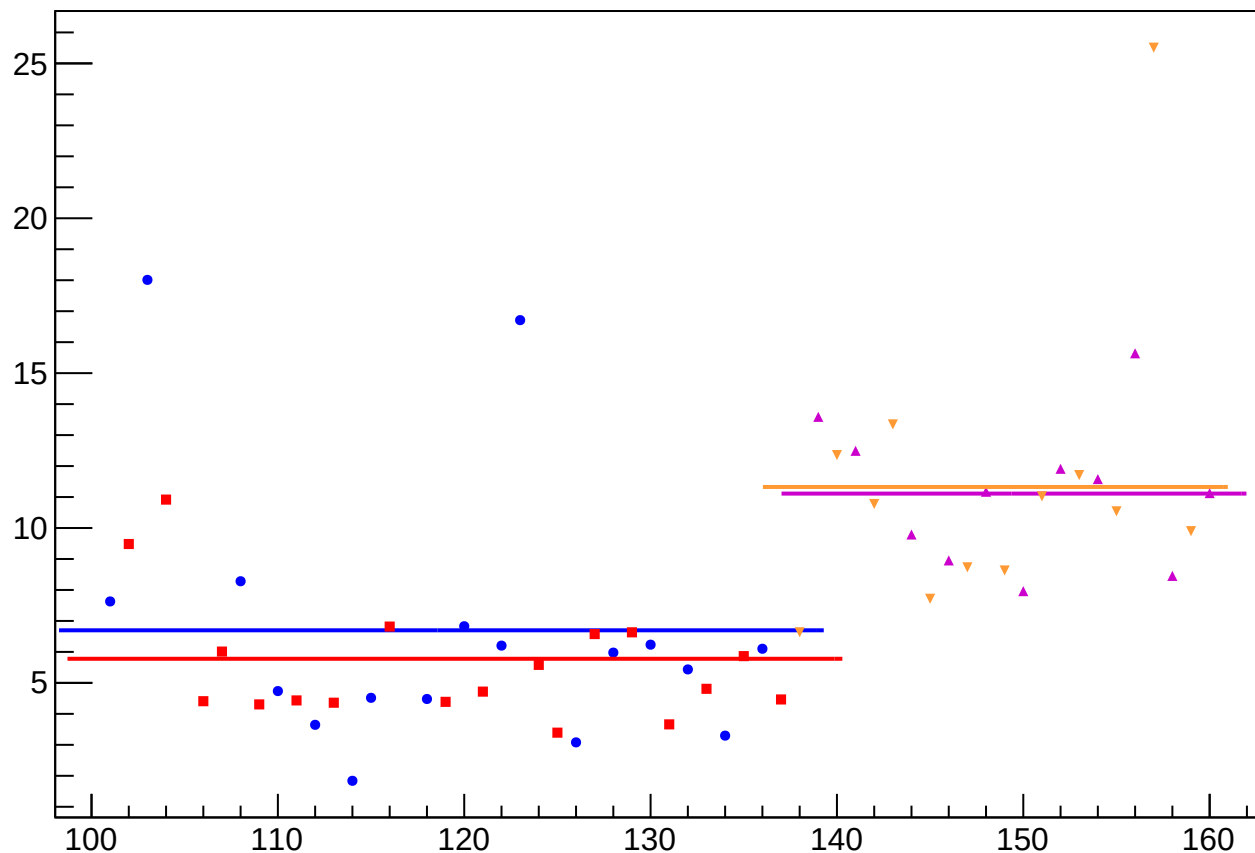
Left In: -231.896 $\pm$ 0.000 χ^2 /NDF: 183329680516479381507897892871864320.0/10

+ sign -215.295 $\pm$ 0.000 χ^2 /NDF: 17247724596124

All: -217.492 $\pm$ 0.000 χ^2 /NDF: 28023296539

- sign -219.629 $\pm$ 0.000 χ^2 /NDF: 106229854810720

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.697 $\pm$ 0.000 χ^2 /NDF: 10220265362684500644667484757032960.0/16

Left Out: 11.325 $\pm$ 0.000 χ^2 /NDF: 19360042625652449313367034255376384.0/11

Right Out: 5.778 $\pm$ 0.000 χ^2 /NDF: 3154580715579075896881670619398144.0/17

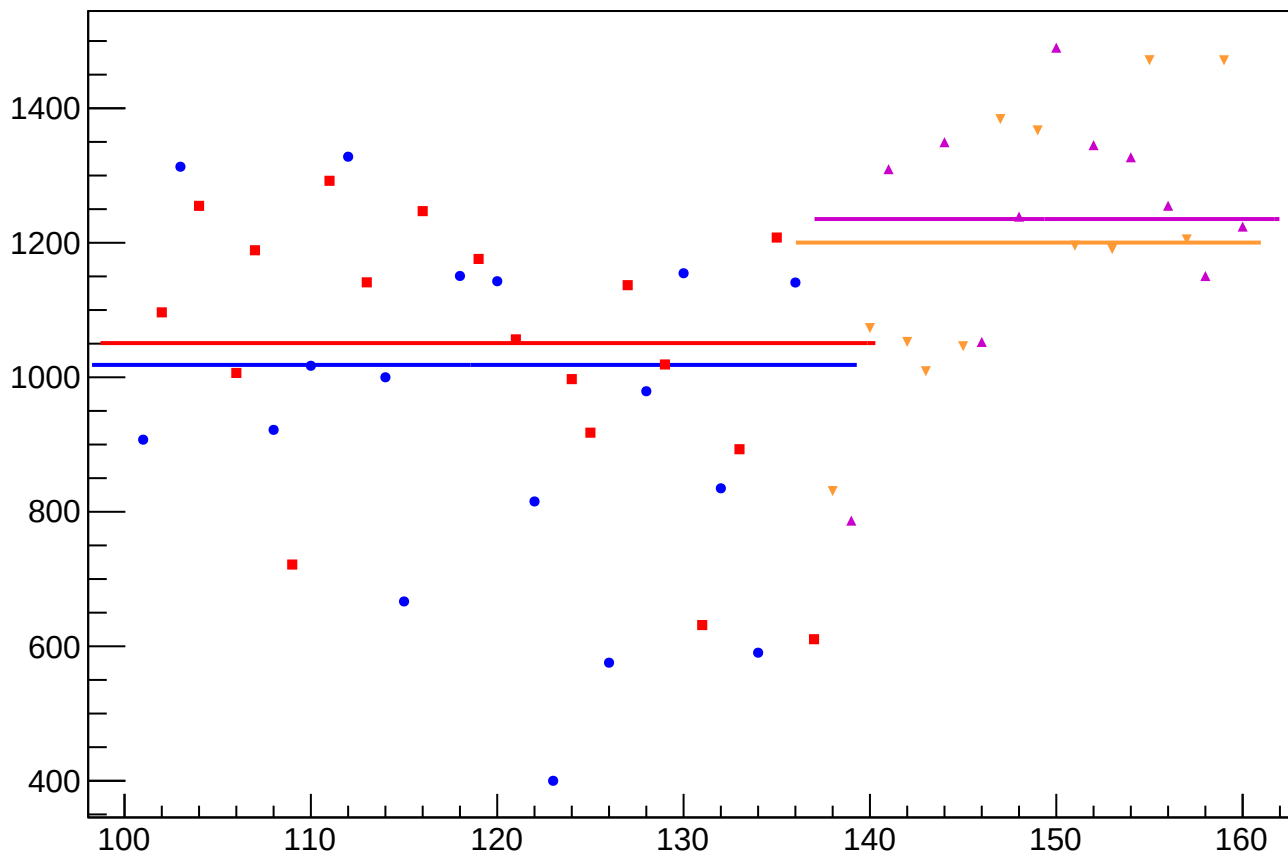
Left In: 11.111 $\pm$ 0.000 χ^2 /NDF: 4392167277443947568386278164529152.0/10

+ sign 9.322 $\pm$ 0.000 χ^2 /NDF: 38008187746633250

All: 9.056 $\pm$ 0.000 χ^2 /NDF: 57290015825980

- sign 8.798 $\pm$ 0.000 χ^2 /NDF: 19058642886632659

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

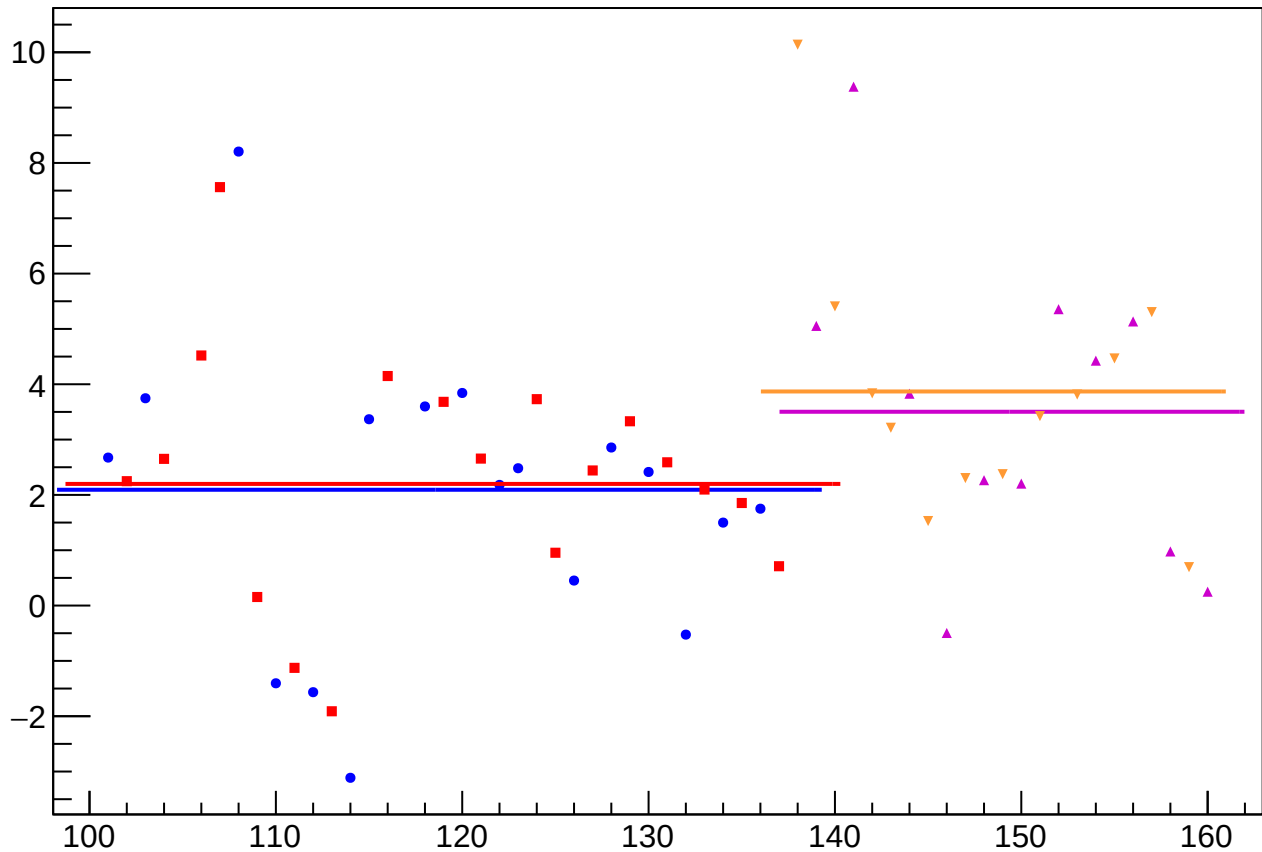
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_4aY_coil1_mean vs Slug



Right In: 2.093+/-0.000 χ^2/NDF : 3708588340032367175525218060861440.0/16

Left Out: 3.870+/-0.000 χ^2/NDF : 5096895495074779754701121480818688.0/11

Right Out: 2.199+/-0.000 χ^2/NDF : 3107113733134423203865144181391360.0/17

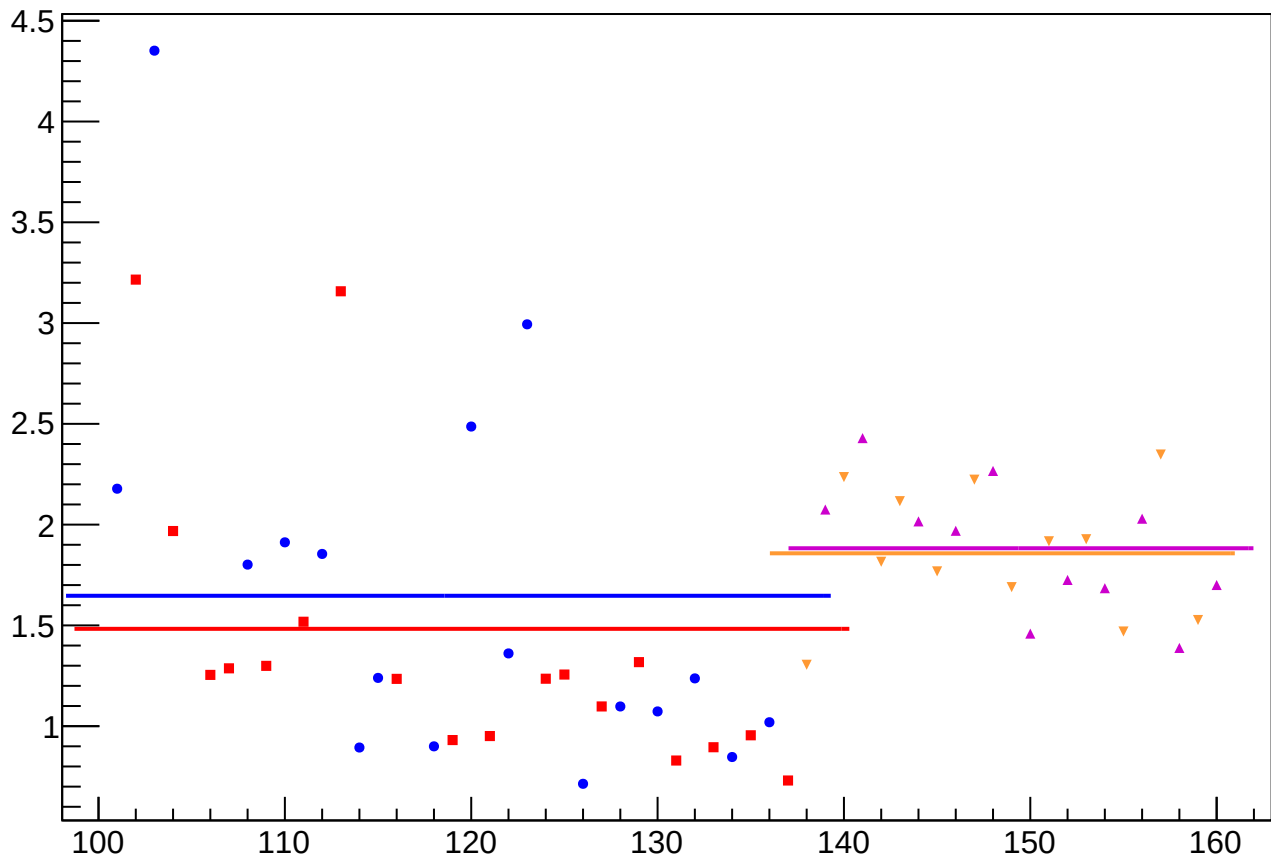
Left In: 3.503+/-0.000 χ^2/NDF : 6729958277549549509263051005624320.0/10

+ sign 3.100+/-0.000 χ^2/NDF : 10047584366193462

All: 3.018+/-0.000 χ^2/NDF : 20594856033346

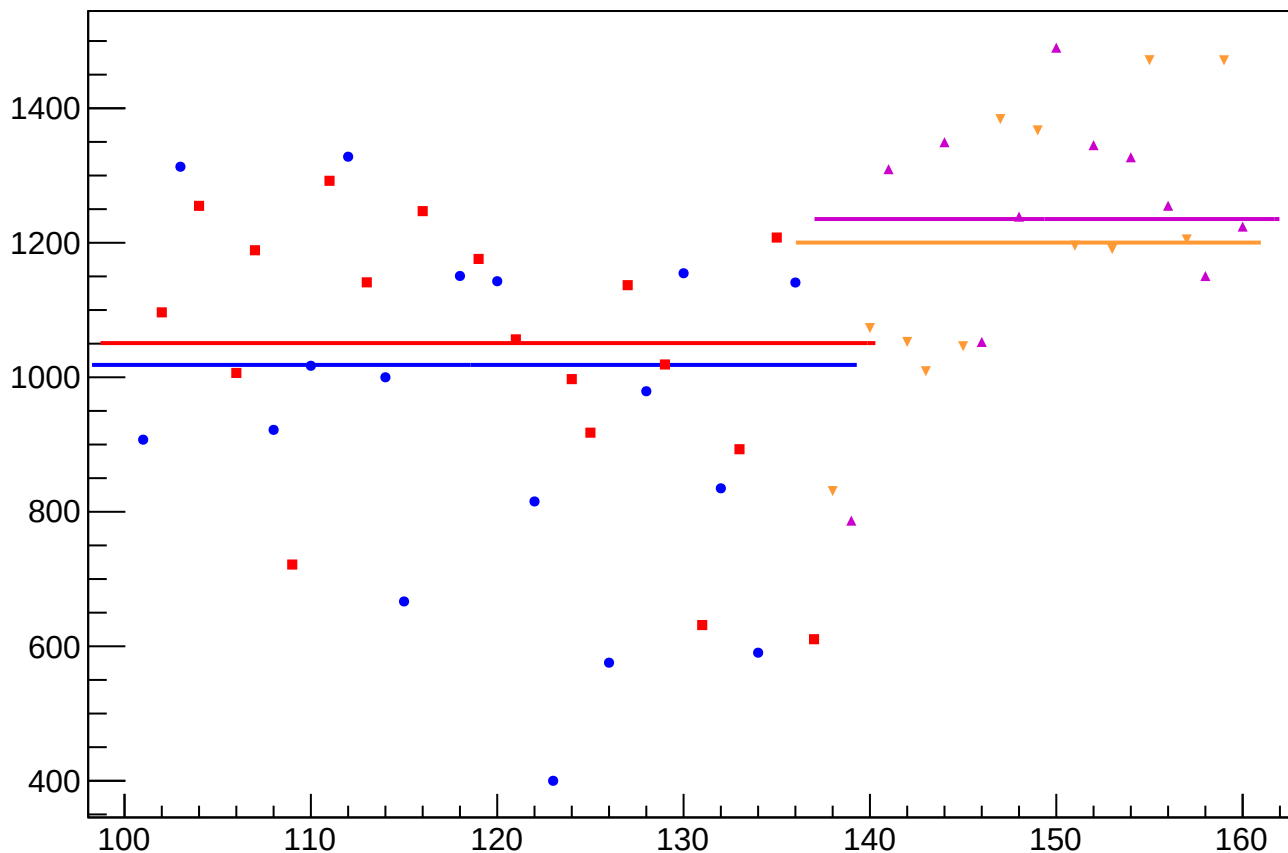
- sign 2.937+/-0.000 χ^2/NDF : 10525561442982539

dit_4aY_coil1_err_mean vs Slug



Right In: 1.647 $\pm$ 0.000	χ^2/NDF : 651088572320131635658625105526784.0/16	+ sign 1.766 $\pm$ 0.000	χ^2/NDF : 76137603916133159
Left Out: 1.858 $\pm$ 0.000	χ^2/NDF : 92819096352183662549607808761856.0/11	All: 1.737 $\pm$ 0.000	χ^2/NDF : 13316969911965
Right Out: 1.483 $\pm$ 0.000	χ^2/NDF : 413770473105203088009551048343552.0/17	- sign 1.709 $\pm$ 0.000	χ^2/NDF : 56766796820229058
Left In: 1.883 $\pm$ 0.000	χ^2/NDF : 89198060548496721731654669828096.0/10		

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

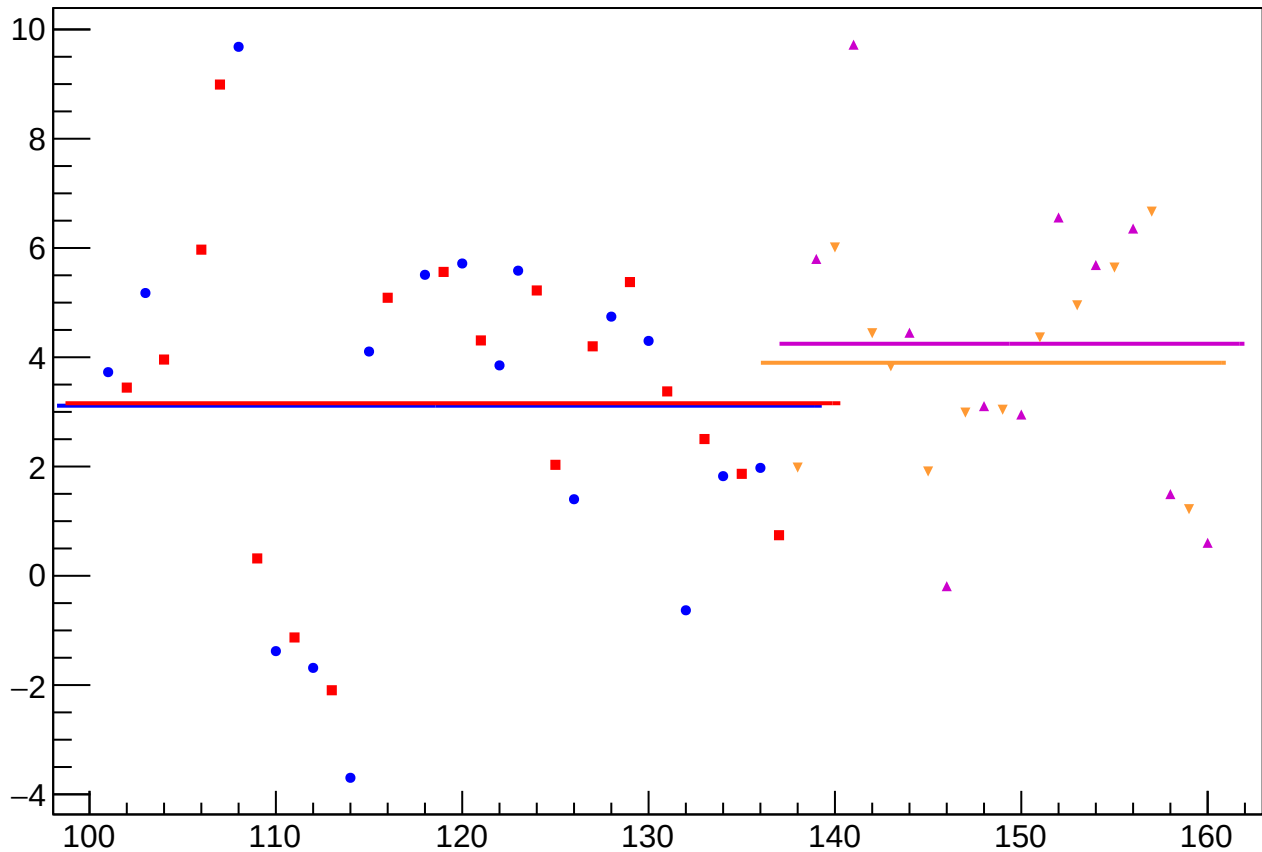
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

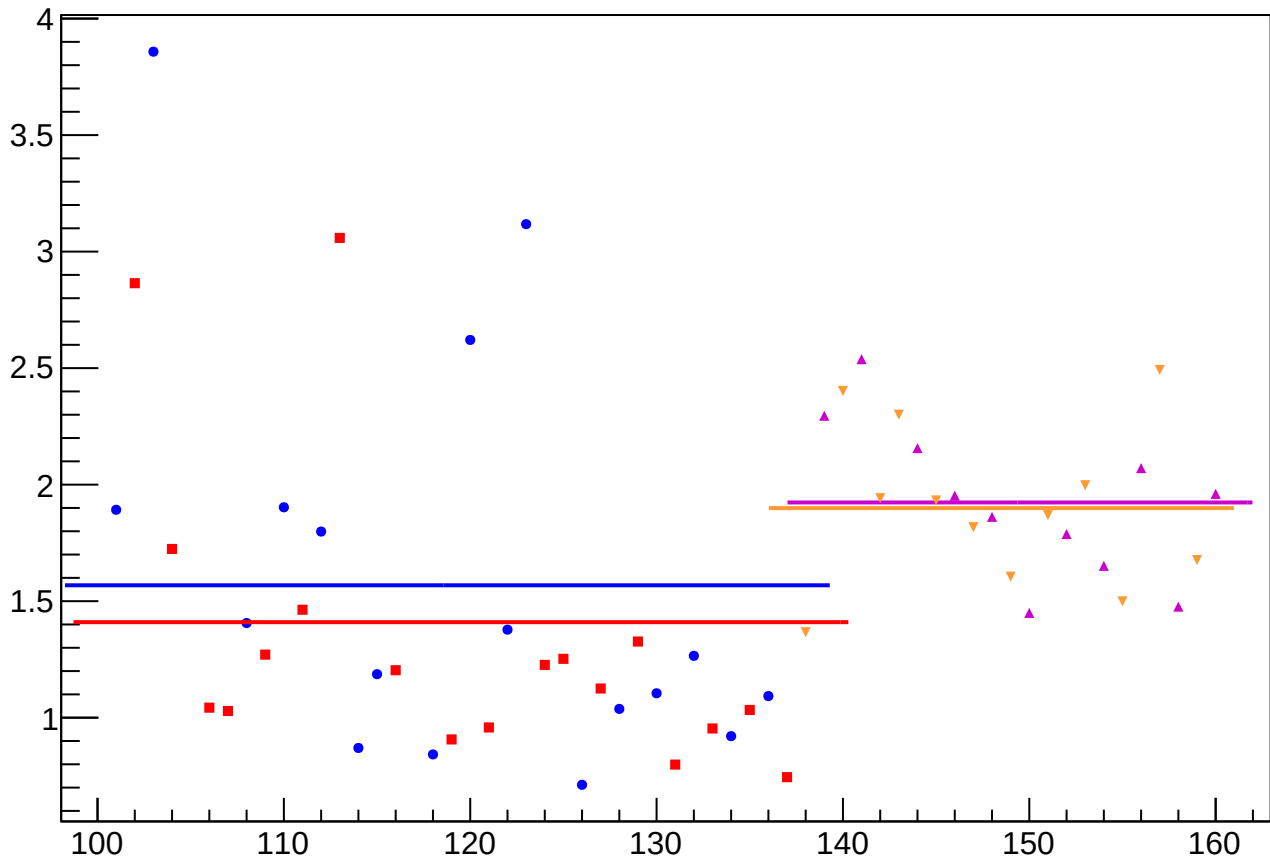
dit_4eY_coil1_mean vs Slug



Right In: 3.113+/-0.000 χ^2/NDF : 5969364473683453458180416326336512.0/16
 Left Out: 3.899+/-0.000 χ^2/NDF : 2596063476262392643786187397398528.0/11
 Right Out: 3.158+/-0.000 χ^2/NDF : 5013186540103138237647291198472192.0/17
 Left In: 4.247+/-0.000 χ^2/NDF : 7362557296783828788324476360065024.0/10

All: 3.668+/-0.000 χ^2/NDF : 21701782292793
 + sign 3.559+/-0.000 χ^2/NDF : 88084978465121807
 - sign 3.775+/-0.000 χ^2/NDF : 12855486338811030

dit_4eY_coil1_err_mean vs Slug



Right In: 1.568+/-0.000 χ^2/NDF : 496968559591870447992286312660992.0/16

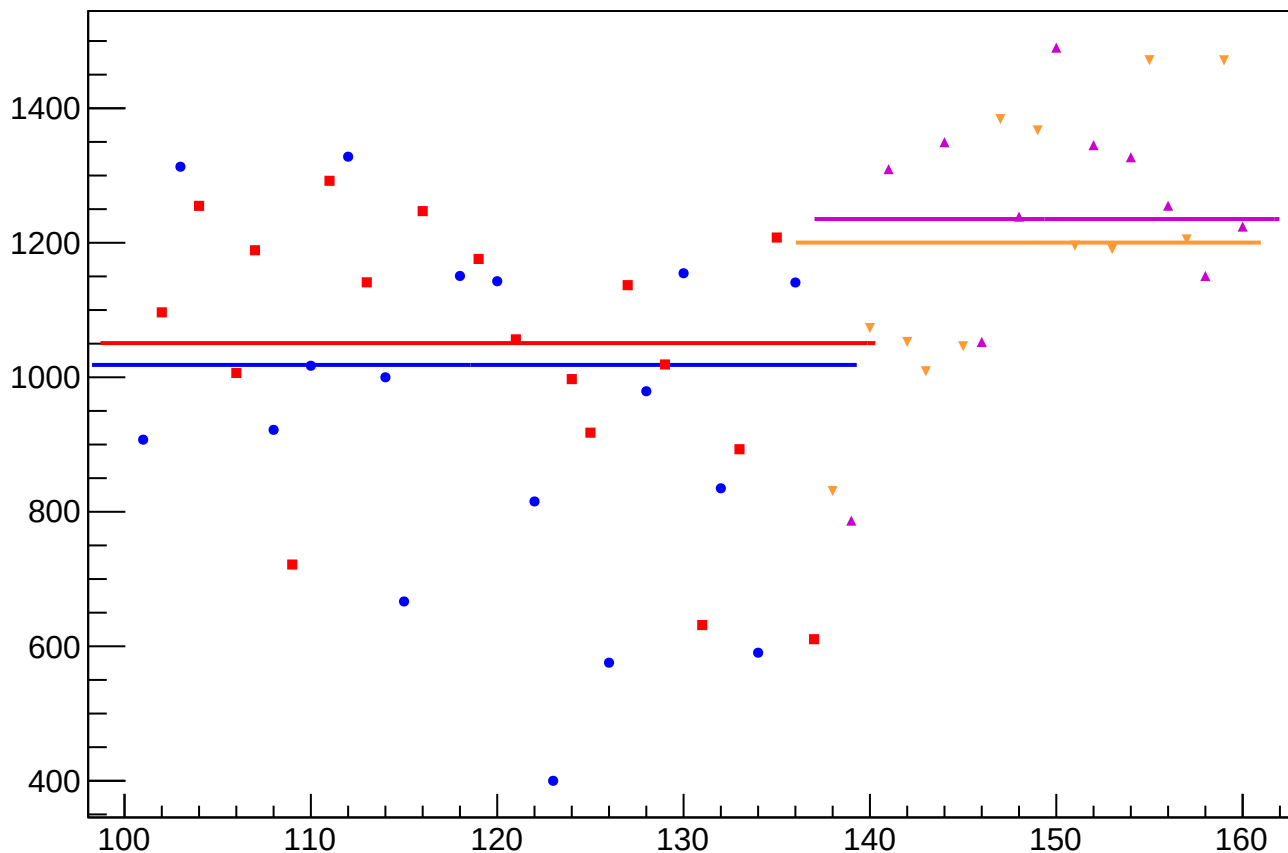
Left Out: 1.899+/-0.000 χ^2/NDF : 105245400634415170842187400216576.0/11

Right Out: 1.410+/-0.000 χ^2/NDF : 328993477679498579442129623318528.0/17

Left In: 1.924+/-0.000 χ^2/NDF : 95242962939028869202536503967744.0/10

All: 1.728+/-0.000 χ^2/NDF : 11788652842283.0/44

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

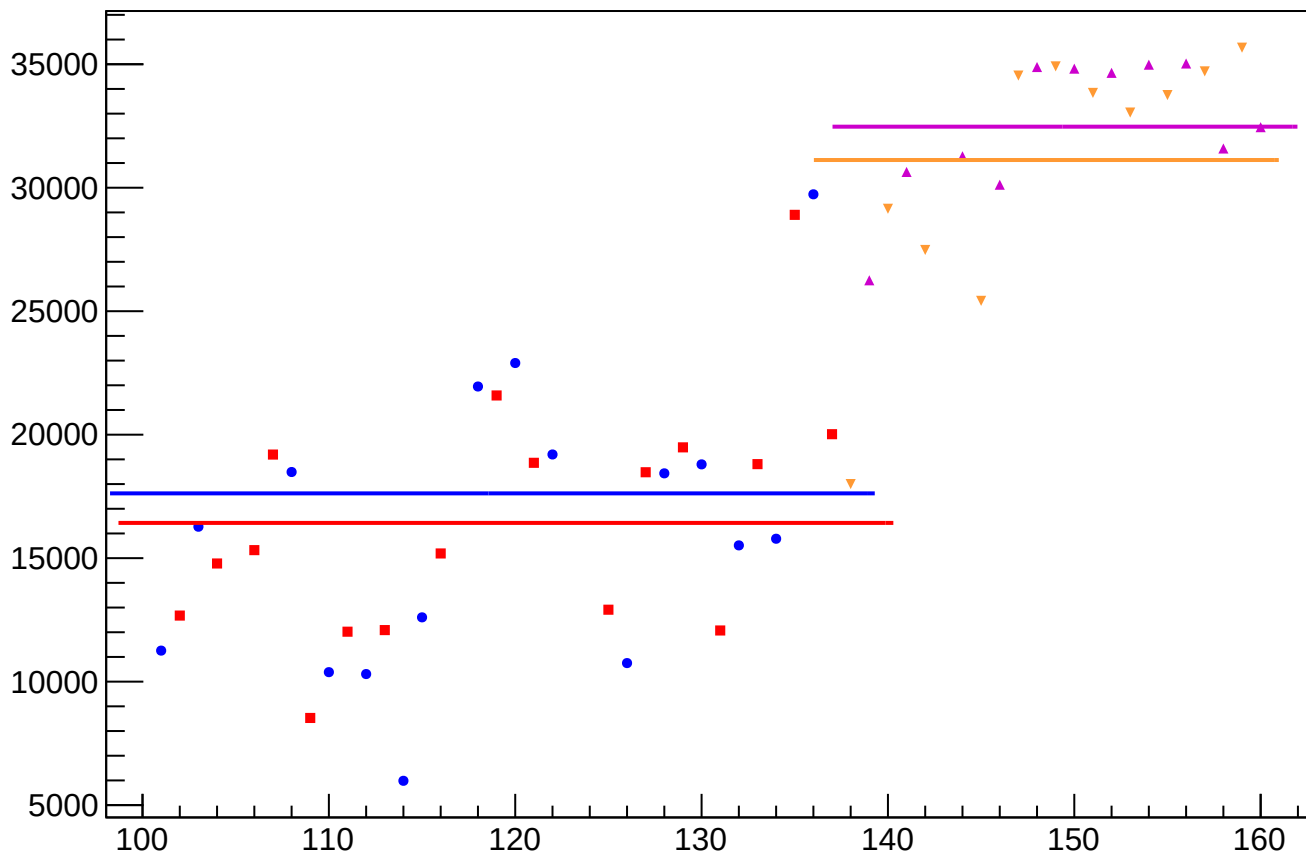
Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

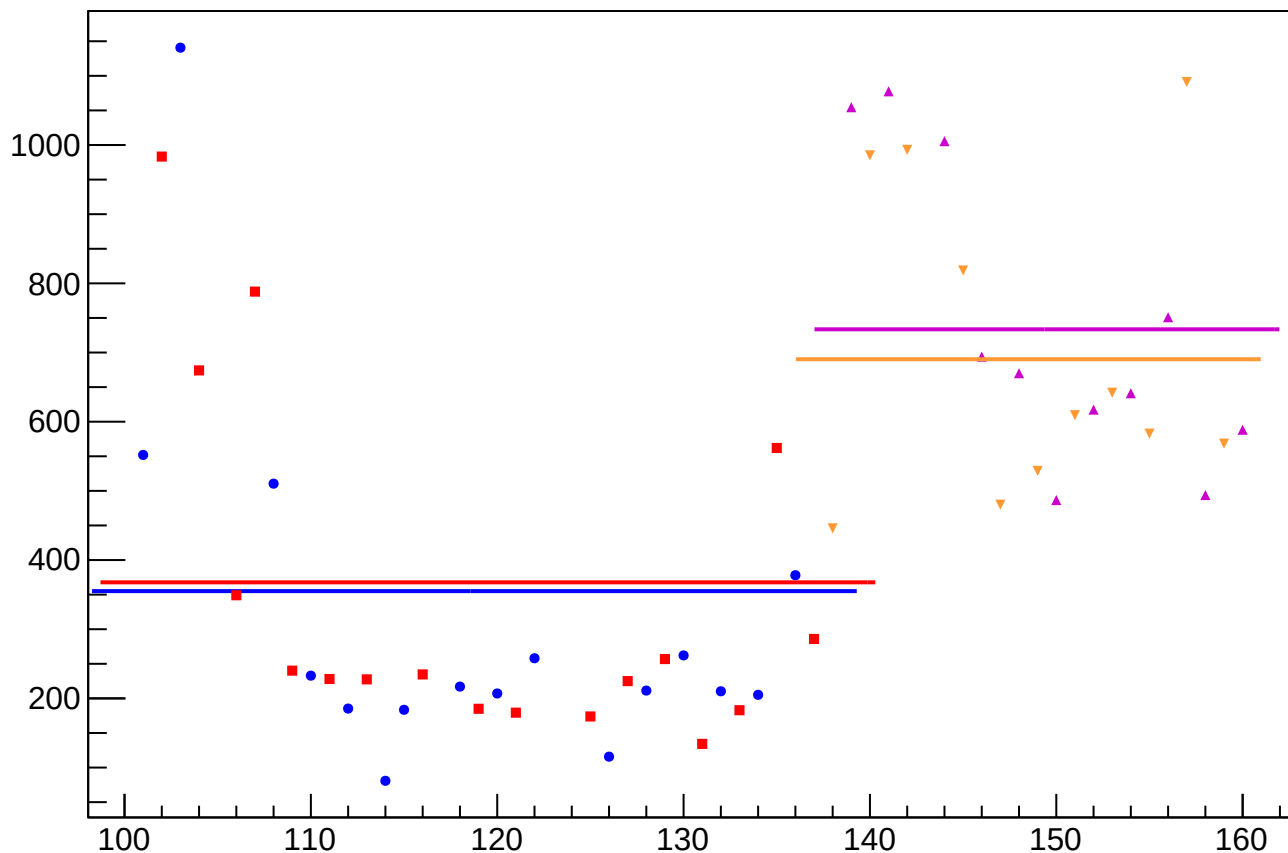
dit_usl_coil1_mean vs Slug



Right In: 17623.415+/-0.000	χ^2/NDF : 26214852160510248108396540611197117923328.0/15
Left Out: 31121.908+/-0.000	χ^2/NDF : 23059902976455903047894835429096743239680.0/10
Right Out: 16427.279+/-0.000	χ^2/NDF : 17497664990525804314439933995132913713152.0/16
Left In: 32472.045+/-0.000	χ^2/NDF : 6559386601849495088258310306923846565888.0/10

+ sign 25042.300+/-0.000 χ^2/NDF : 1183739483063
 All: 25324.303+/-0.000 χ^2/NDF : 2457090878
 - sign 25588.703+/-0.000 χ^2/NDF : 1270990775388

dit_usl_coil1_err_mean vs Slug



Right In: 355.072+/-0.000 χ^2/NDF : 50262750162224494428361272812030132224.0/15

+ sign 539.324+/-0.000 χ^2/NDF : 130507935432406

Left Out: 690.314+/-0.000 χ^2/NDF : 37624697763034602007656197583819243520.0/10

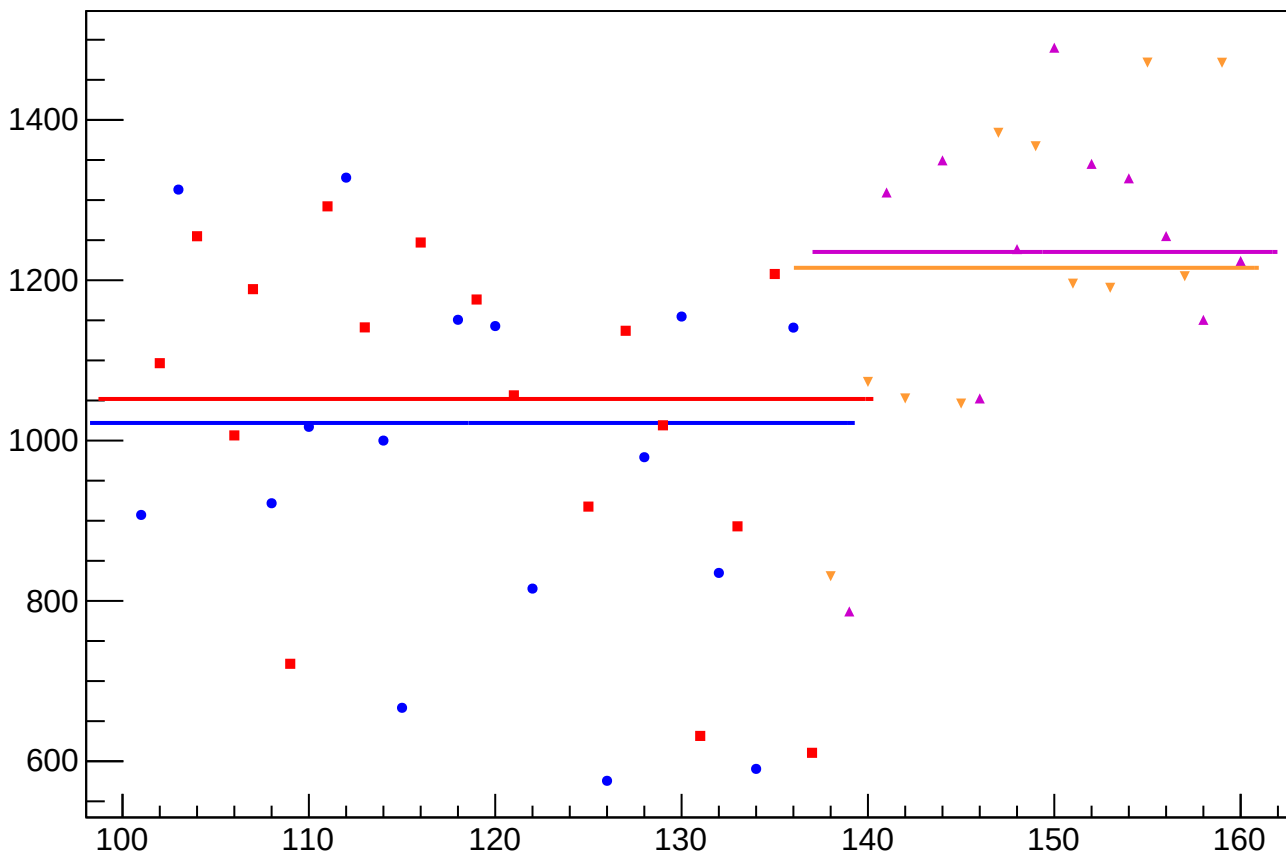
All: 558.586+/-0.000 χ^2/NDF : 271995272205

Right Out: 367.779+/-0.000 χ^2/NDF : 47461092327588428657122003339509235712.0/16

- sign 576.645+/-0.000 χ^2/NDF : 140385998297353

Left In: 733.575+/-0.000 χ^2/NDF : 39366801674031082271771997491878166528.0/10

dit_usl_coil1_Ndata_mean vs Slug



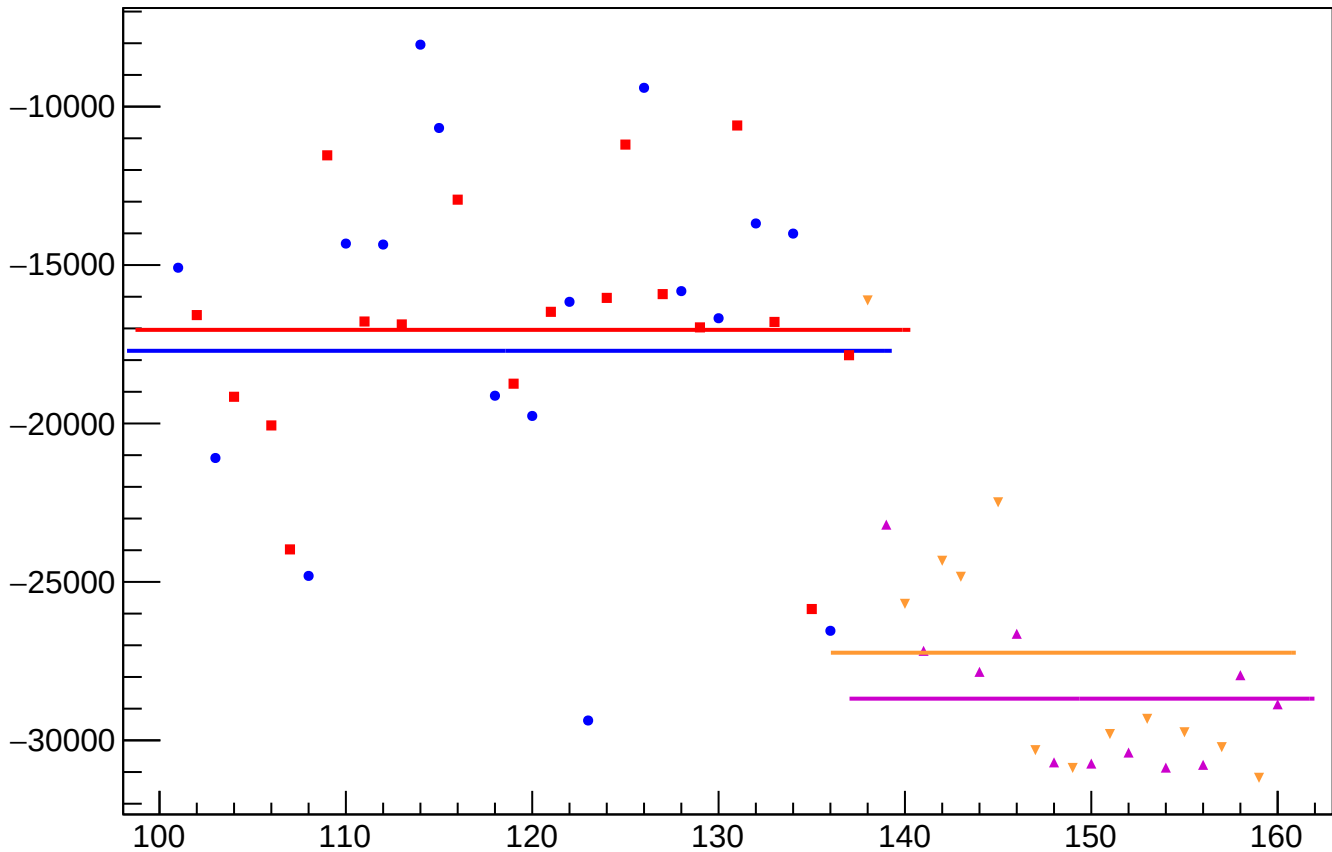
Right In: 1021.988+/-0.000 χ^2/NDF : 31240102732297466680062358937095110656.0/15

Left Out: 1215.518+/-0.000 χ^2/NDF : 31376780831313540387850491409995923456.0/10

Right Out: 1051.912+/-0.000 χ^2/NDF : 26857120331966502825045576618889707520.0/16

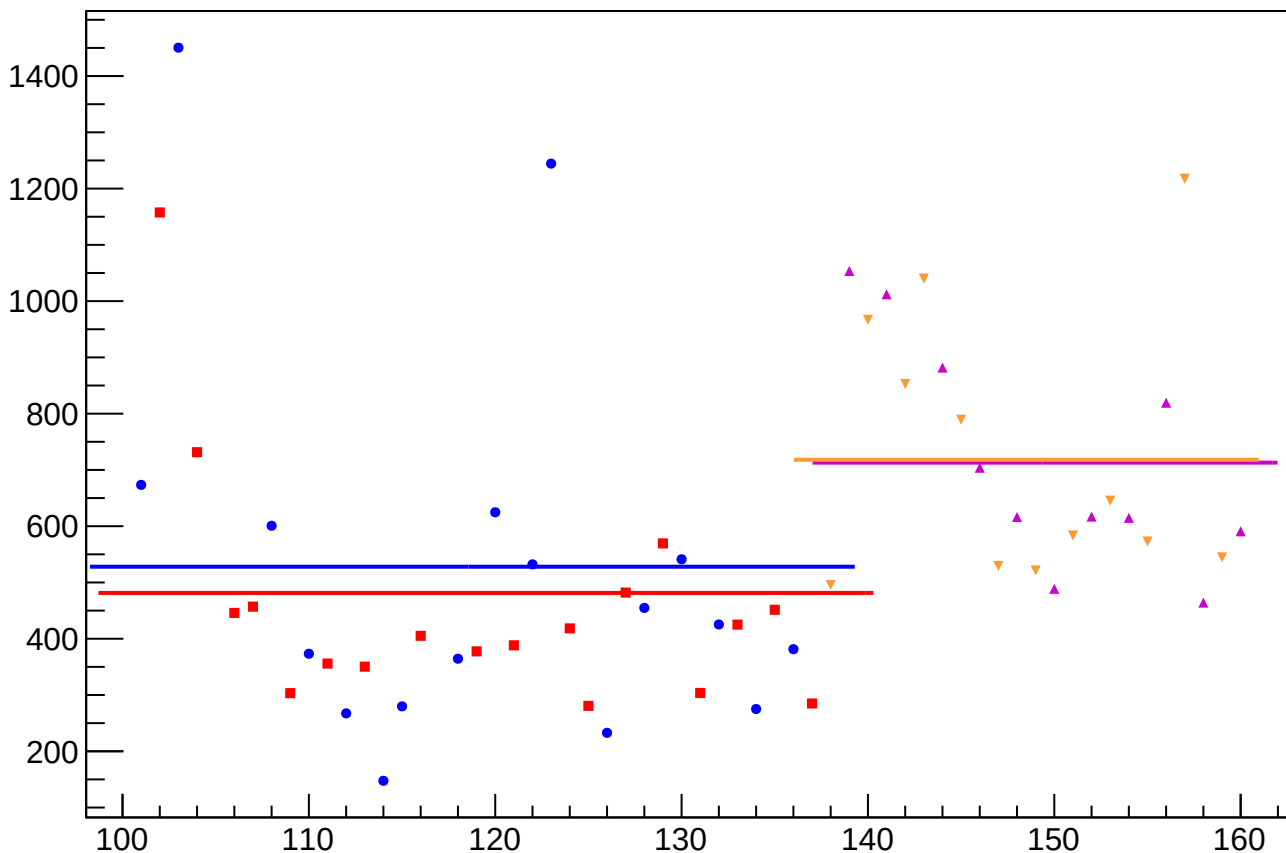
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_usr_coil1_mean vs Slug



Right In: -17706.432 ± 0.000 $\chi^2/\text{NDF}: 17446583920719856354509663675734298722304.0/16$
 Left Out: -27234.311 ± 0.000 $\chi^2/\text{NDF}: 17501423858802312277149406811030835691520.0/11$
 Right Out: -17045.413 ± 0.000 $\chi^2/\text{NDF}: 10956517506901040130363493382016229965824.0/17$
 Left In: -28684.462 ± 0.000 $\chi^2/\text{NDF}: 4838740363214091105444424537307038613504.0/10$

dit_usr_coil1_err_mean vs Slug



Right In: 528.041+/-0.000 χ^2/NDF : 69659723827653646879006199384029265920.0/16

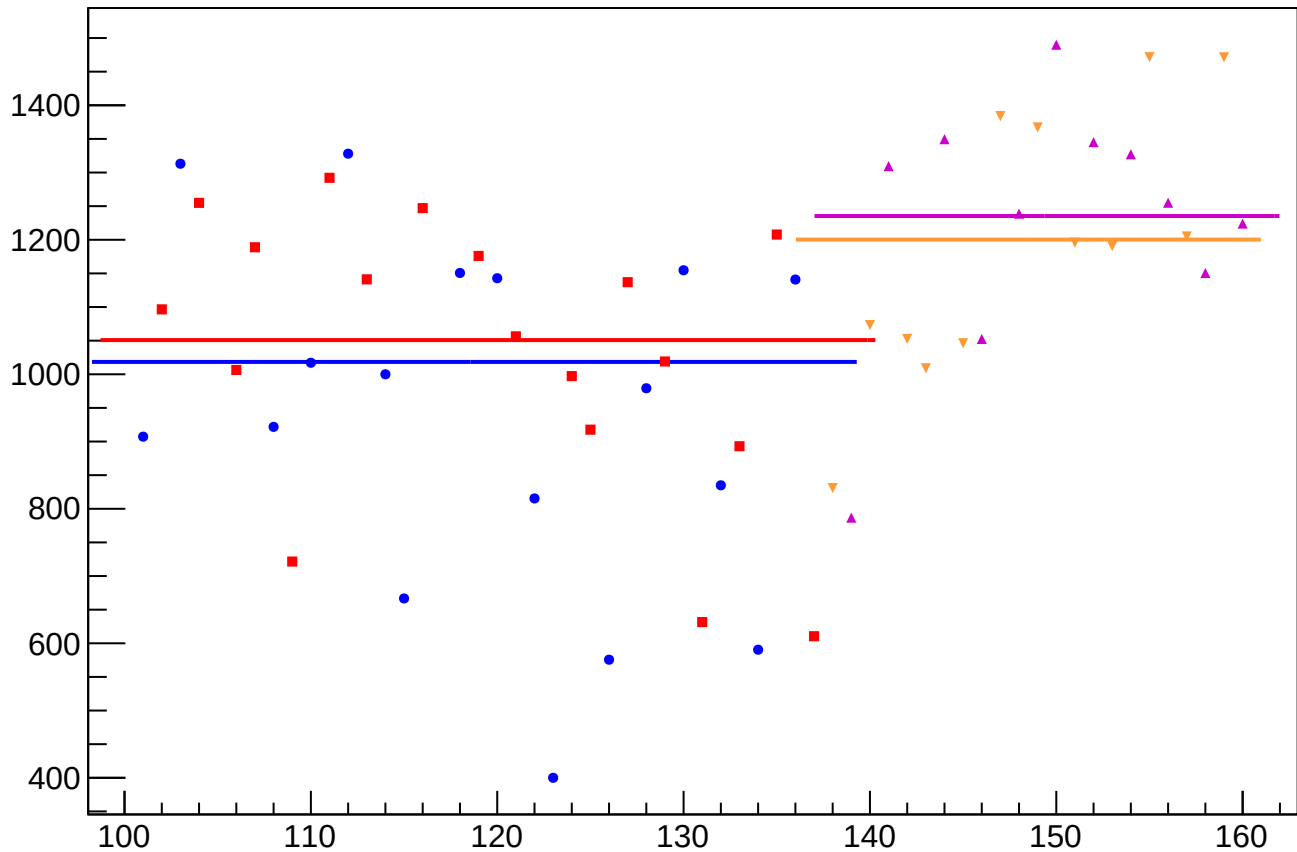
Left Out: 718.075+/-0.000 χ^2/NDF : 47539185486125031464503975982300921856.0/11

Right Out: 481.423+/-0.000 χ^2/NDF : 37781807344960782949995964438094544896.0/17

Left In: 712.956+/-0.000 χ^2/NDF :33715682233034029284600696449779367936.0/10

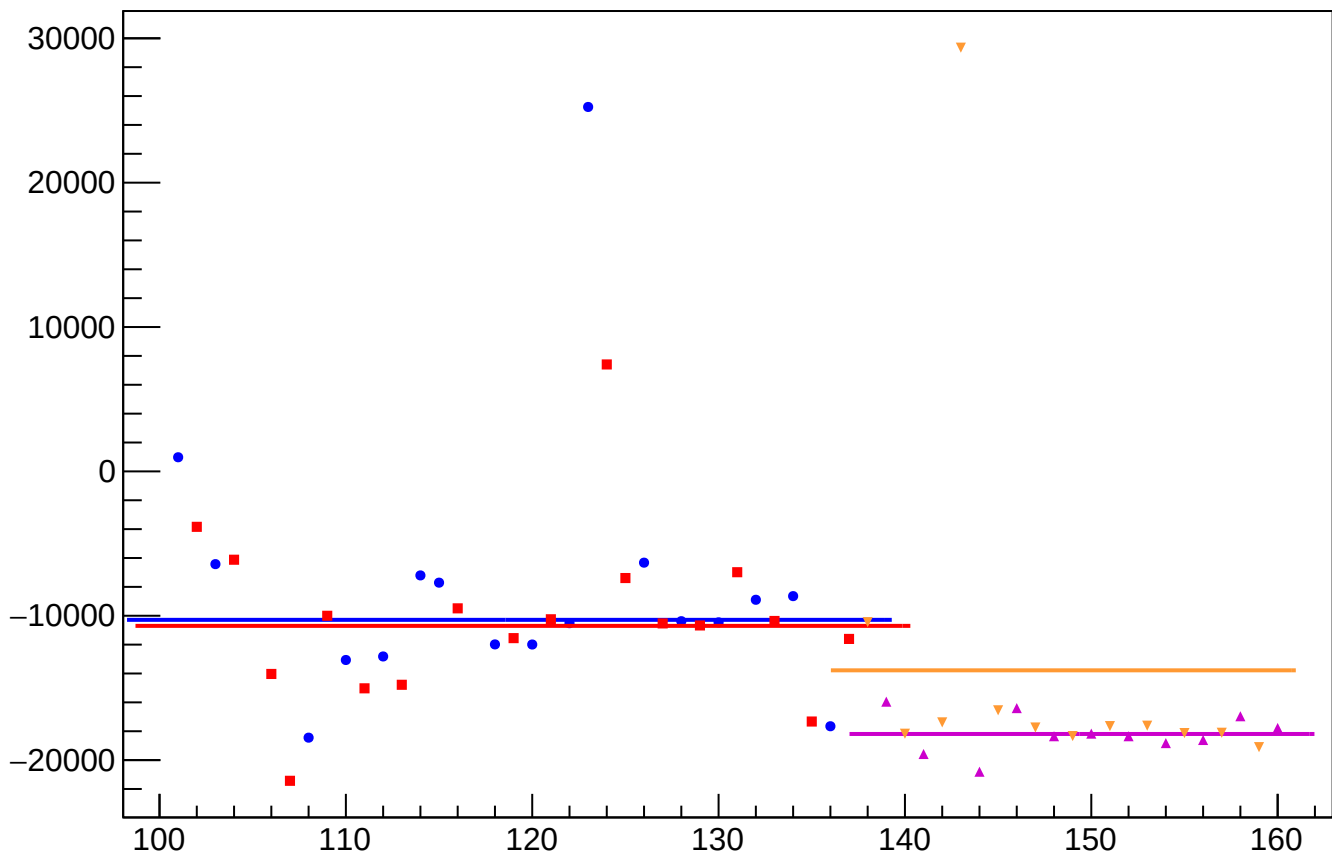
Left In: 712.956+/-0.000 χ^2/NDF :33715682233034029284600696449779367936.0/10

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

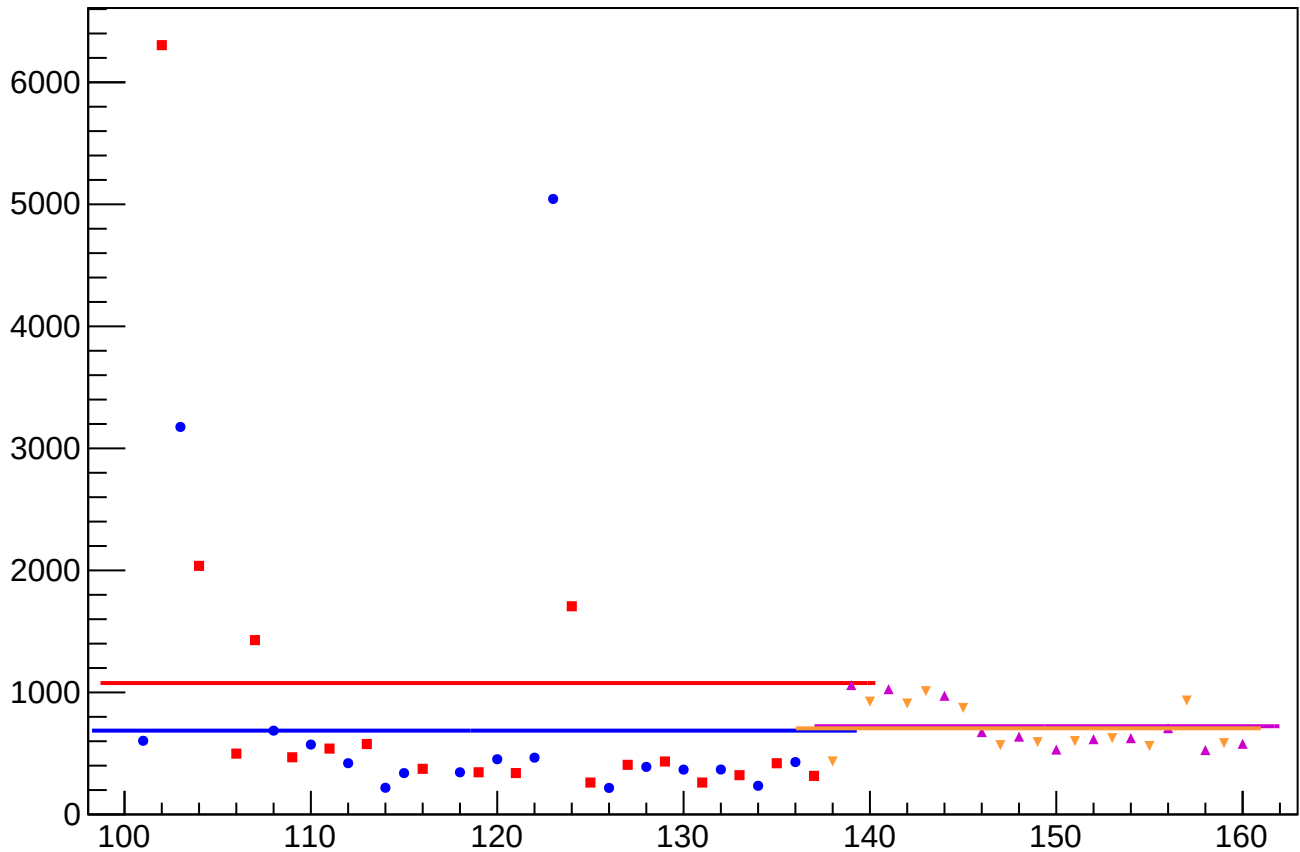
dit_atl1_coil1_mean vs Slug



Right In: -10283.660+/-0.000	χ^2/NDF : 22542685724167344155071704935611221671936.0/16
Left Out: -13780.875+/-0.000	χ^2/NDF : 138817330584648681822484556617162256547840.0/11
Right Out: -10700.860+/-0.000	χ^2/NDF : 17608009820774086602629870631925827239936.0/17
Left In: -18189.629+/-0.000	χ^2/NDF : 1634139917822330923820252034017137786880.0/10

+ sign -12266.797+/-0.000 χ^2/NDF : 166173225473
 All: -13622.182+/-0.000 χ^2/NDF : 213925937
 - sign -14940.557+/-0.000 χ^2/NDF : 4194347920816

dit_atl1_coil1_err_mean vs Slug



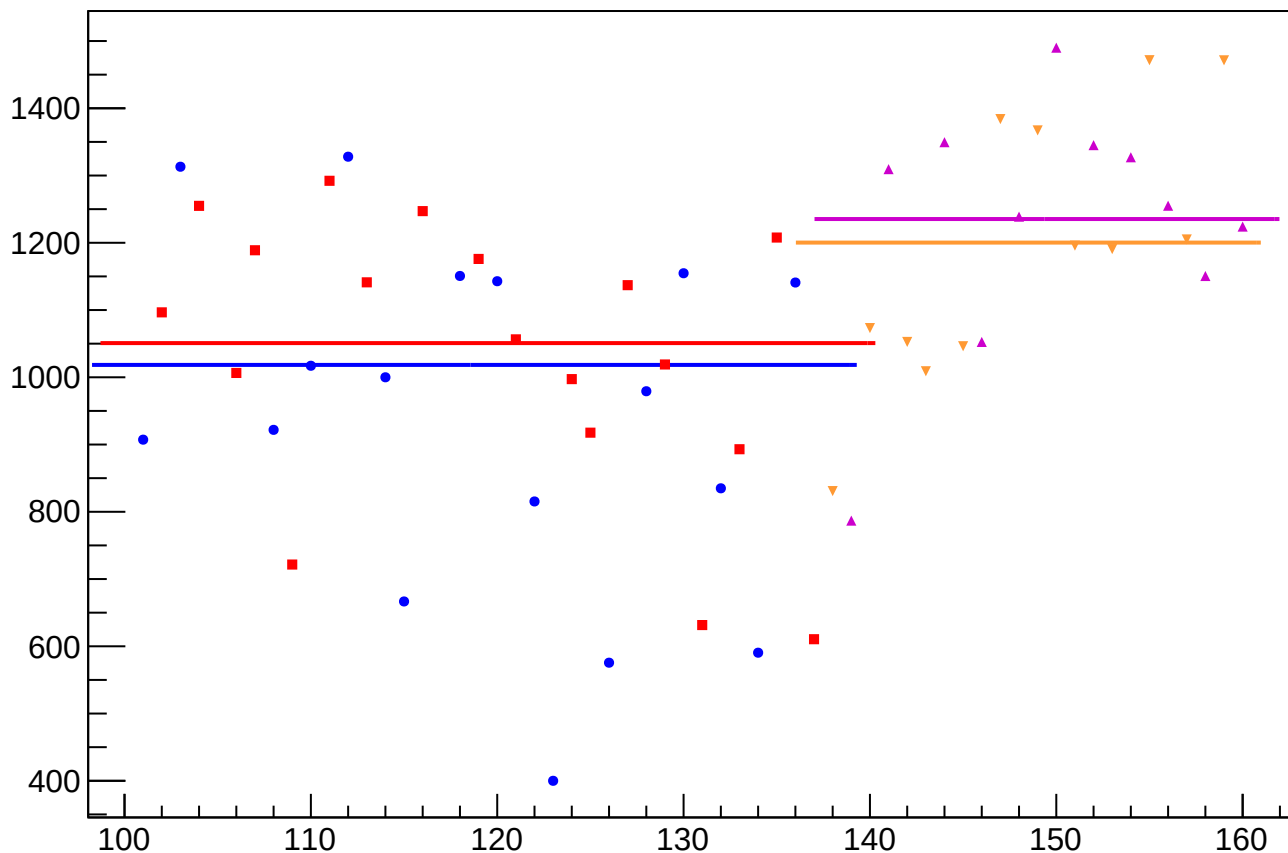
Right In: 686.989+/-0.000 χ^2/NDF : 493304193623954738914781428530632720384.0/16

Left Out: 705.686+/-0.000 χ^2/NDF : 30616664019236375652772902235296235520.0/11

Right Out: 1076.905+/-0.000 χ^2/NDF : 1898129082549914246384223466564869947392.0/17

Left In: 722.981+/-0.000 χ^2/NDF : 33412765649158577967580020065397899264.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

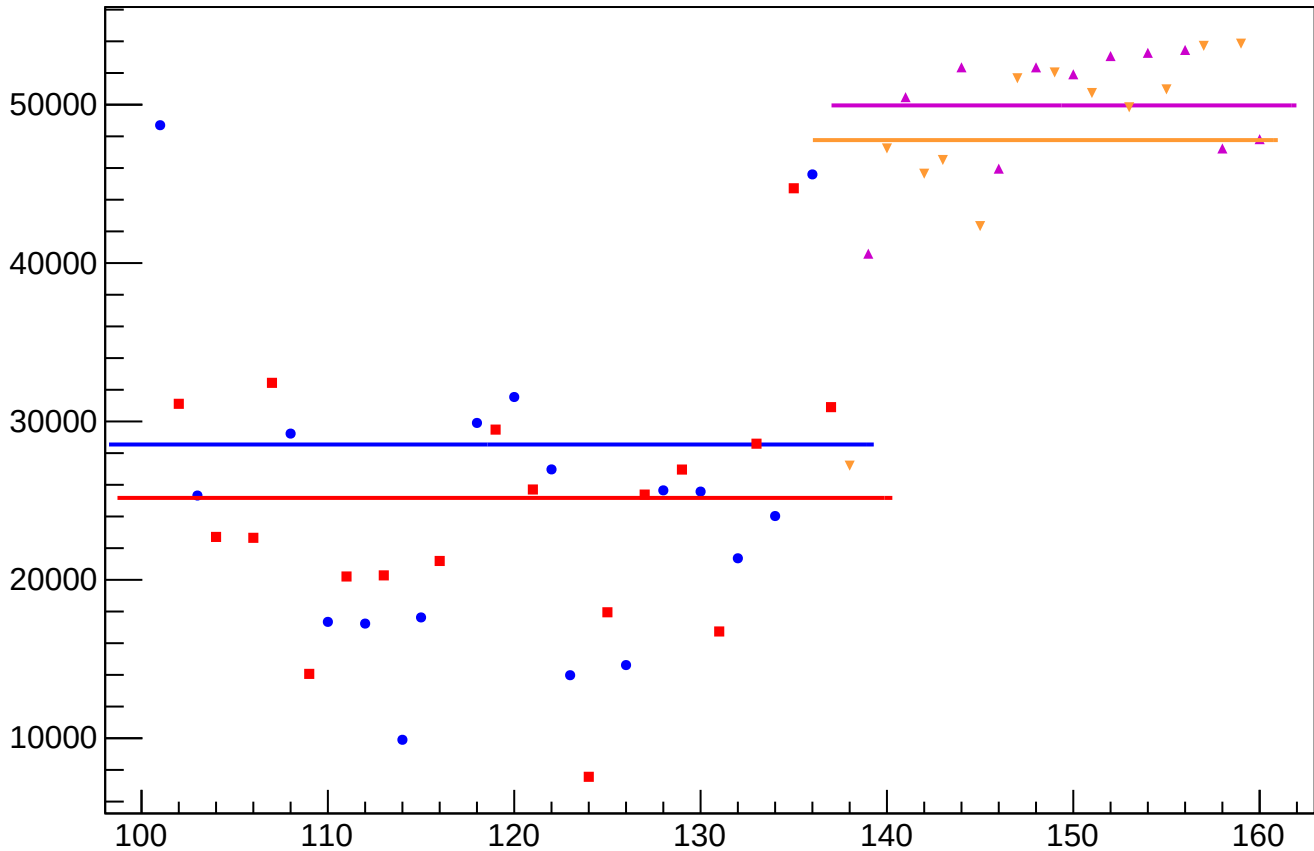
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

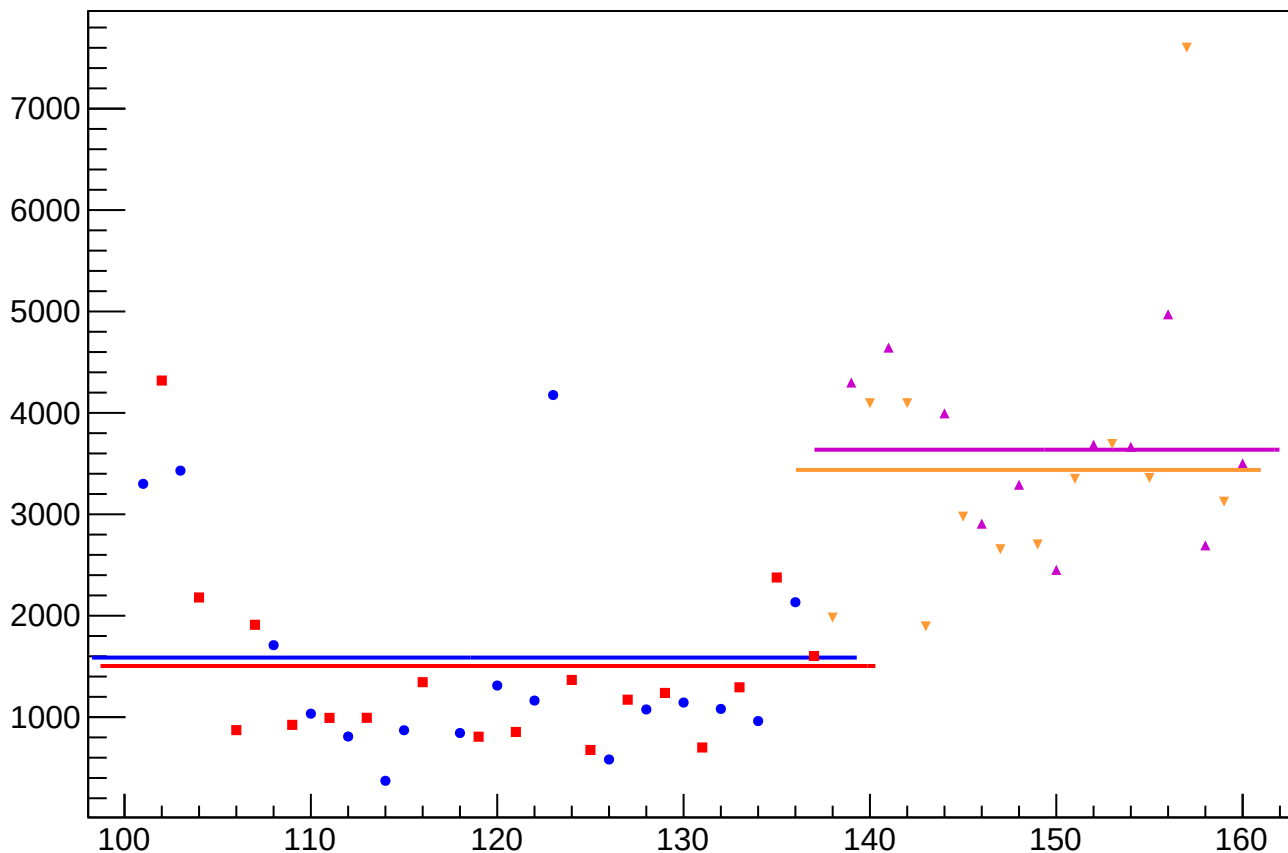
dit_atl2_coil1_mean vs Slug



Right In: 28545.088+/-0.000	χ^2/NDF : 79305503092498524397532941064889916456960.0/16
Left Out: 47763.203+/-0.000	χ^2/NDF : 45759984204233972463295715243734259990528.0/11
Right Out: 25173.072+/-0.000	χ^2/NDF : 42747079455180569490134671830323044548608.0/17
Left In: 49953.612+/-0.000	χ^2/NDF : 13577033864383990821014727544731703705600.0/10

+ sign 39442.946+/-0.000 χ^2/NDF : 2704142672971
 All: 39320.981+/-0.000 χ^2/NDF : 5753572999
 - sign 39202.346+/-0.000 χ^2/NDF : 3048959929215

dit_atl2_coil1_err_mean vs Slug



Right In: 1587.187+/-0.000 χ^2/NDF : 615324434940076903003531567179686215680.0/16

Left Out: 3437.732+/-0.000 χ^2/NDF : 1787367668595754289869839739980022284288.0/11

Right Out: 1504.230+/-0.000 χ^2/NDF : 678771439829187339393474850676239499264.0/17

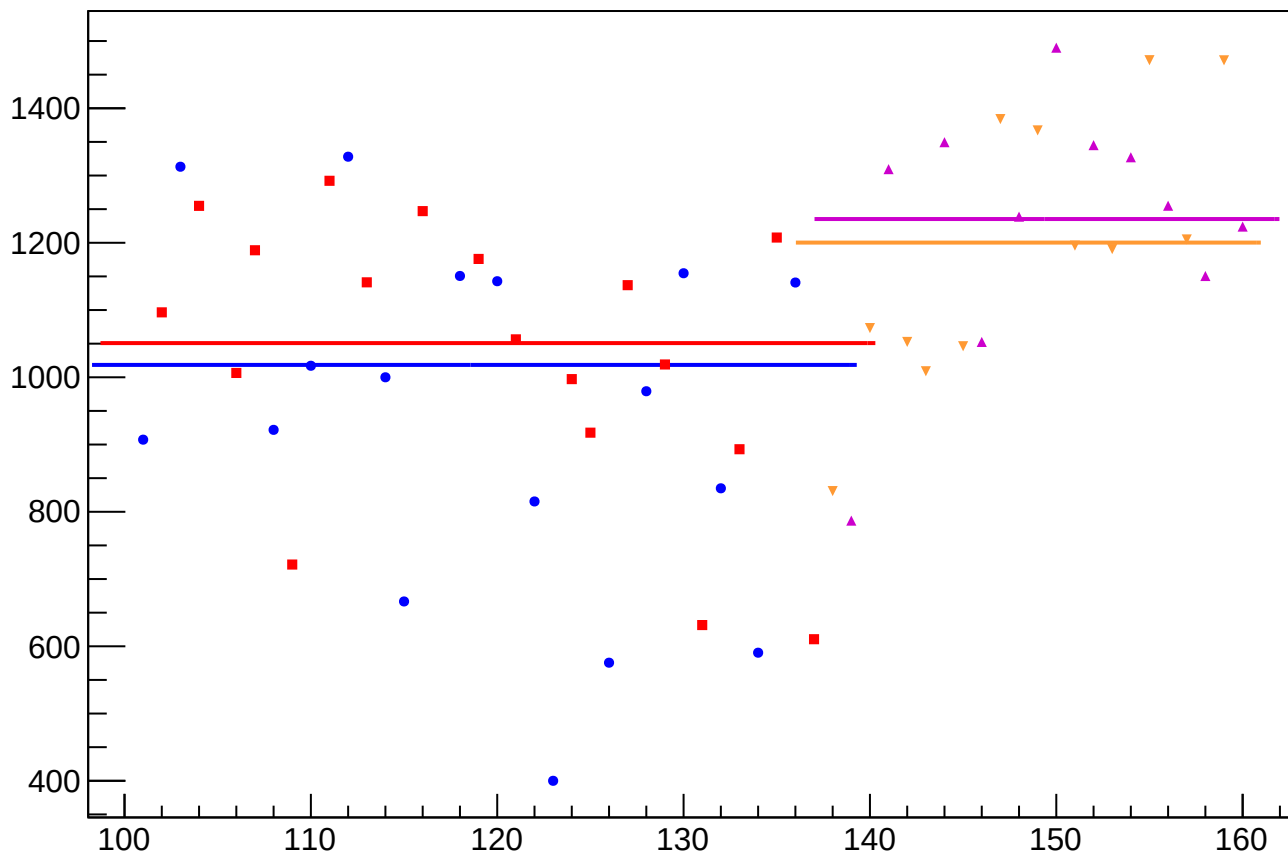
Left In: 3636.942+/-0.000 χ^2/NDF : 531629510499304026743248594251812962304.0/10

+ sign 2636.561+/-0.000 χ^2/NDF : 37503796075026

All: 2674.623+/-0.000 χ^2/NDF : 68065367246

- sign 2711.646+/-0.000 χ^2/NDF : 30515759098820

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

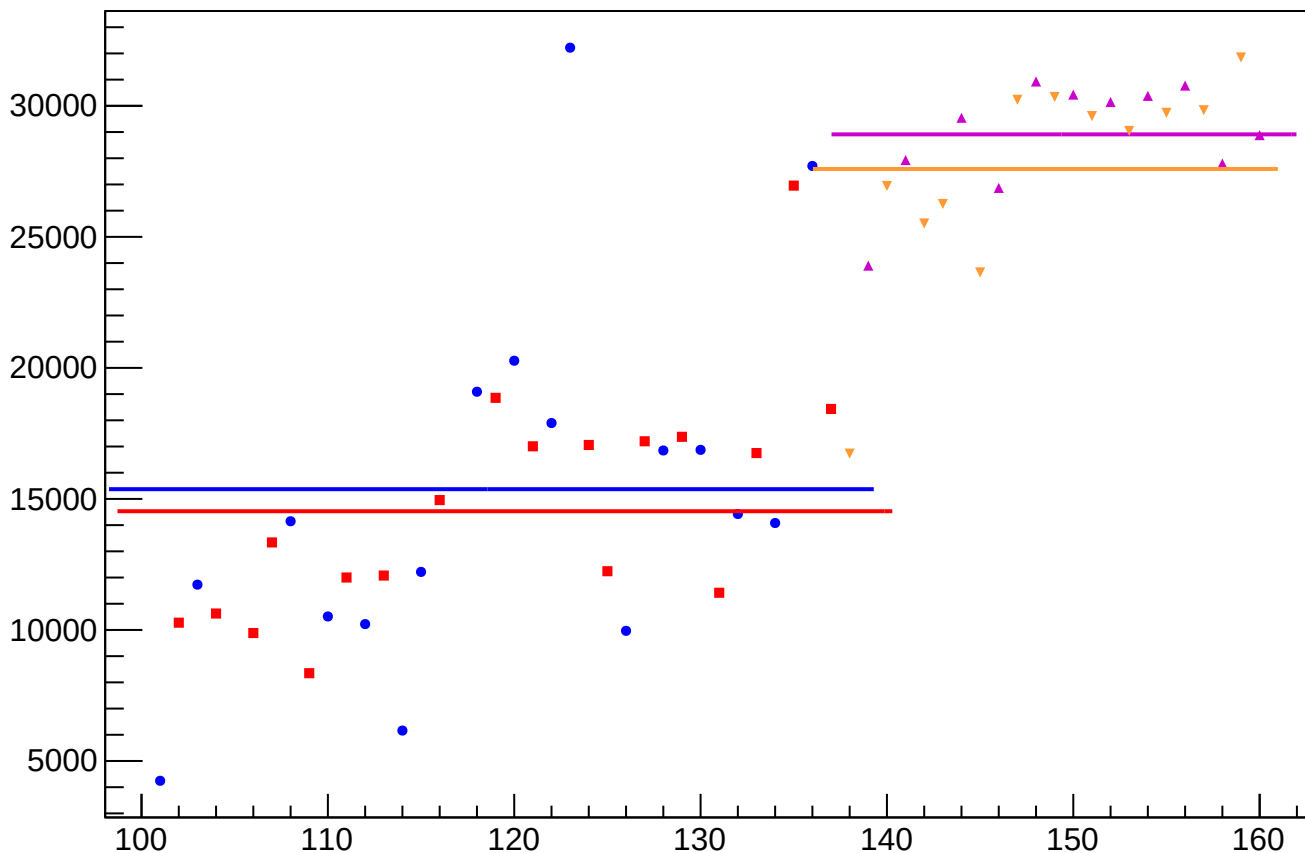
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

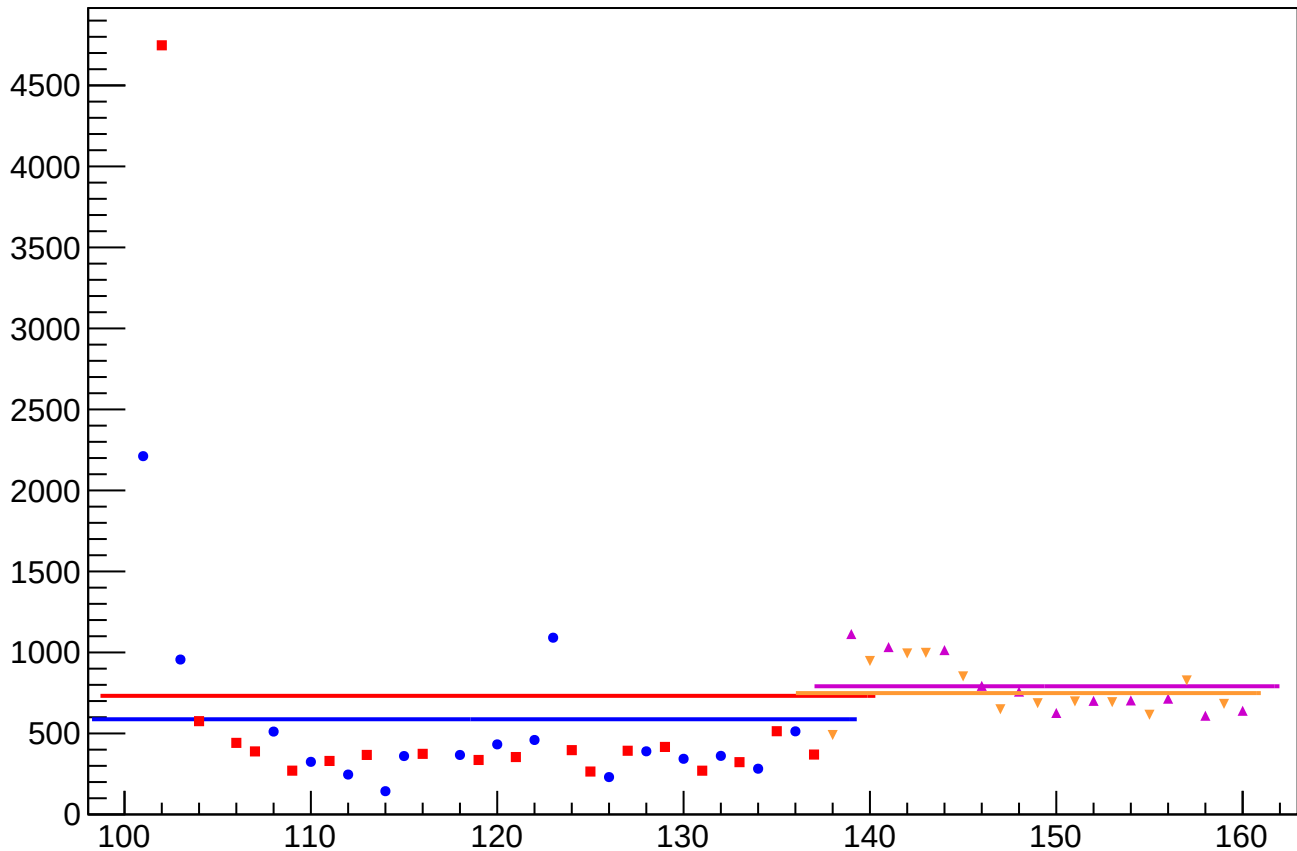
dit_atr1_coil1_mean vs Slug



Right In: 15371.957+/-0.000	χ^2/NDF : 29284474571084462407736251938608521412608.0/16
Left Out: 27590.549+/-0.000	χ^2/NDF : 14629897493361033715378591637422508867584.0/11
Right Out: 14530.553+/-0.000	χ^2/NDF : 15462988113686651104588076983529515253760.0/17
Left In: 28911.407+/-0.000	χ^2/NDF : 3750623516154684604168342640620271042560.0/10

+ sign 22300.654+/-0.000 χ^2/NDF : 1026676602092
 All: 22488.968+/-0.000 χ^2/NDF : 2057077476
 - sign 22672.141+/-0.000 χ^2/NDF : 1029279471087

dit_atr1_coil1_err_mean vs Slug



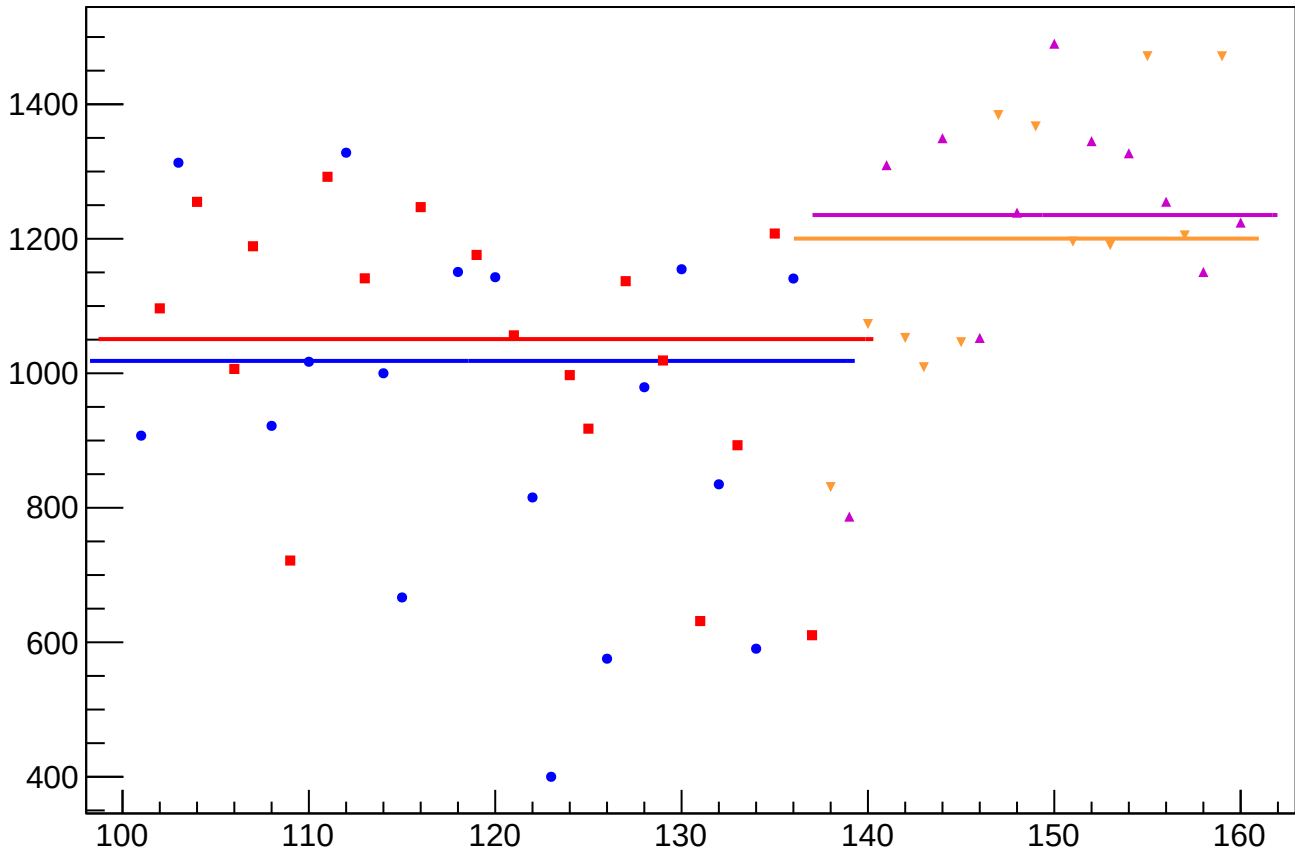
Right In: 587.577+/-0.000 χ^2/NDF : 195107984512310448986091727250308202496.0/16

Left Out: 749.082+/-0.000 χ^2/NDF : 19986493434775093751754489968960995328.0/11

Right Out: 732.166+/-0.000 χ^2/NDF : 1022613131551712750449458449642369843200.0/17

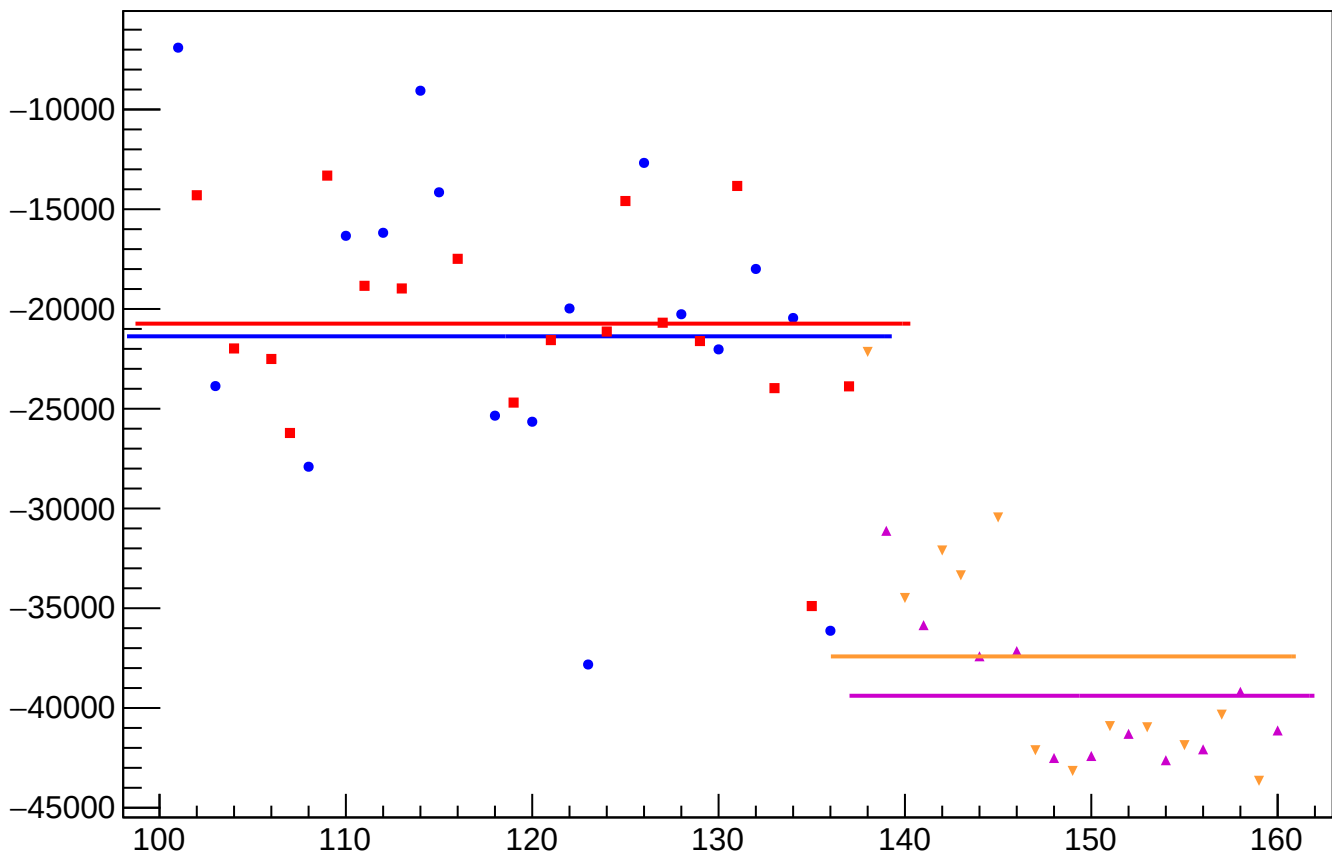
Left In: 791.279+/-0.000 χ^2/NDF : 2682259207642096711518423492795039744.0/10

dit_atr1_coil1_Ndata_mean vs Slug



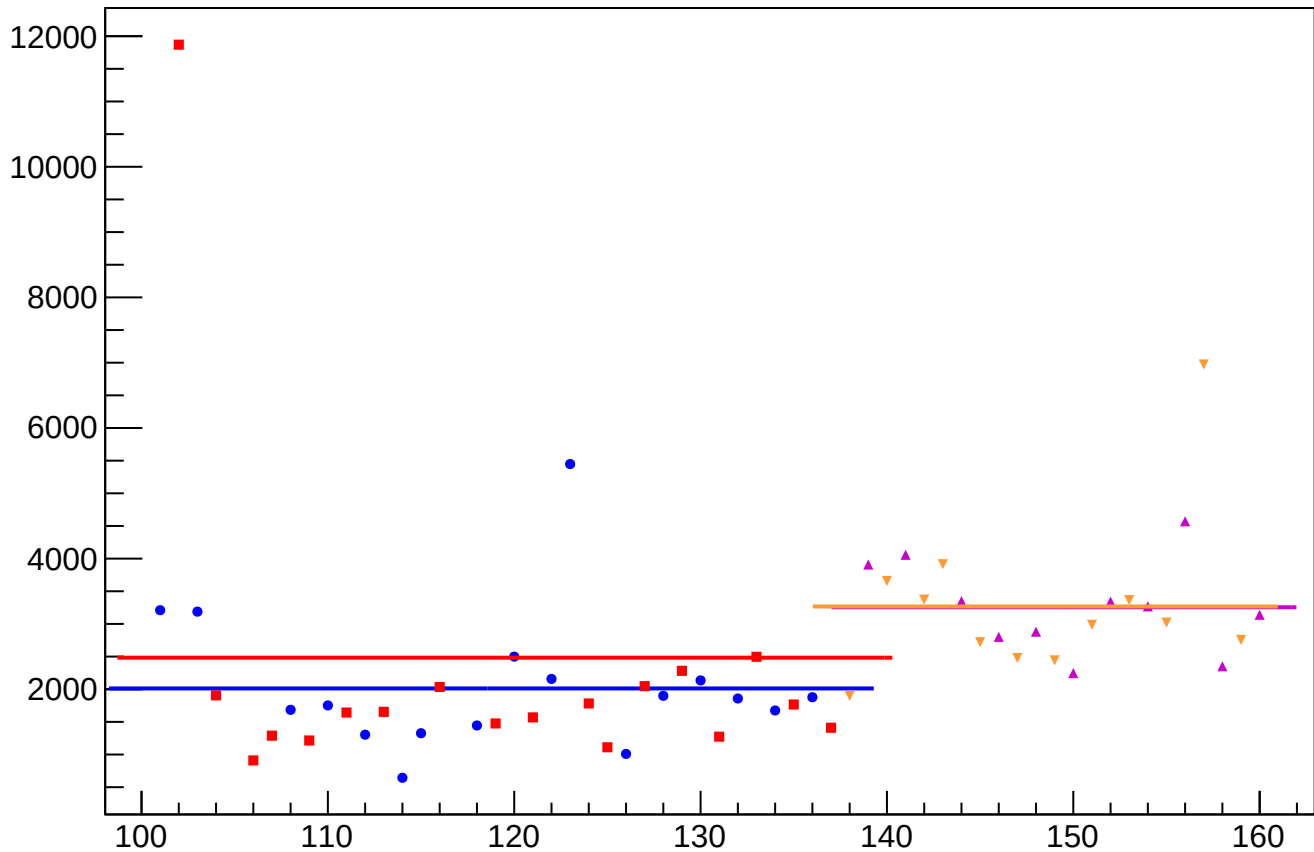
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_atr2_coil1_mean vs Slug



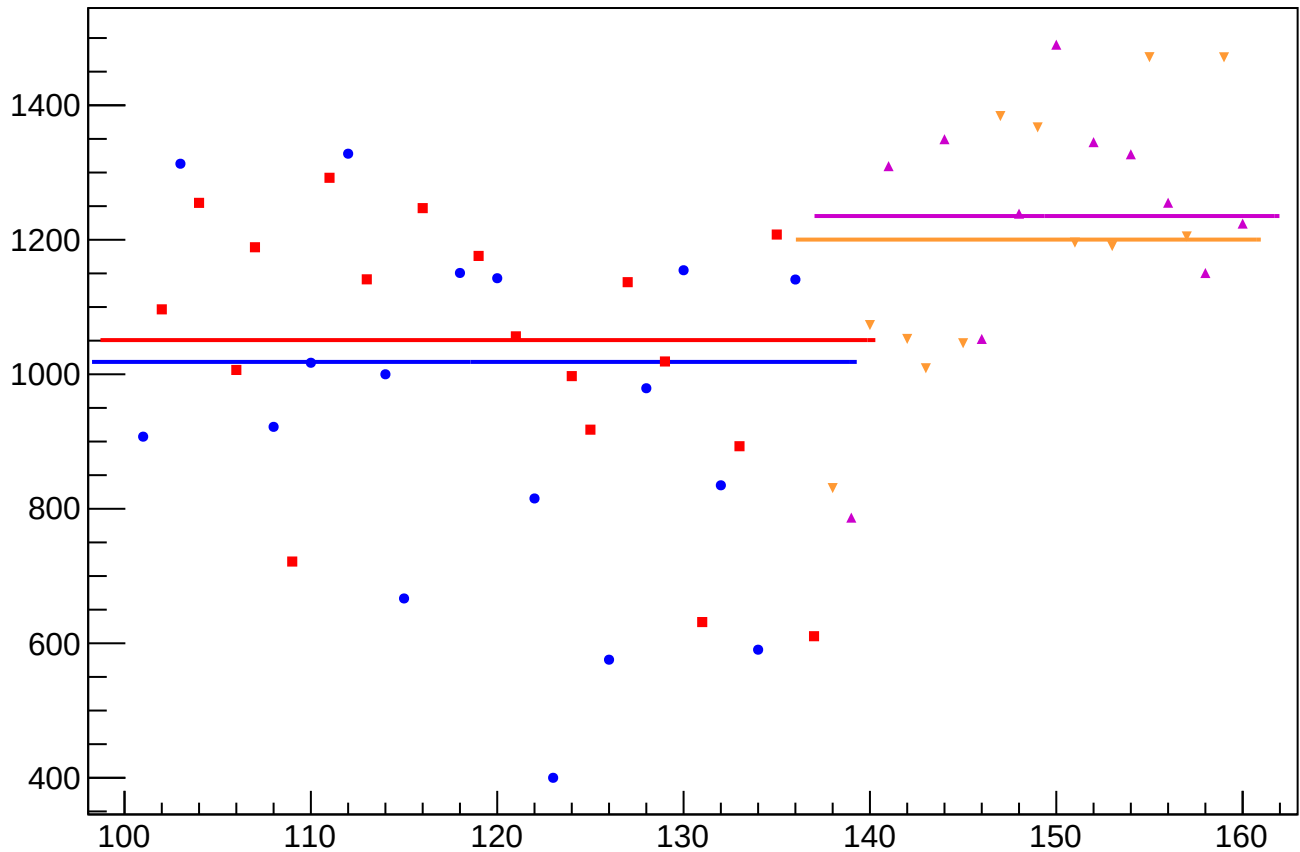
Right In: -21370.339+/-0.000 χ^2/NDF : 44476087148423218769698830448172004802560.0/16
 Left Out: -37415.440+/-0.000 χ^2/NDF : 36893164654983701349381151569495382294528.0/11
 Right Out: -20735.001+/-0.000 χ^2/NDF : 21267884844776863671050573800564620001280.0/17
 Left In: -39386.944+/-0.000 χ^2/NDF : 11090931788233525208634627212015308898304.0/10

dit_atr2_coil1_err_mean vs Slug



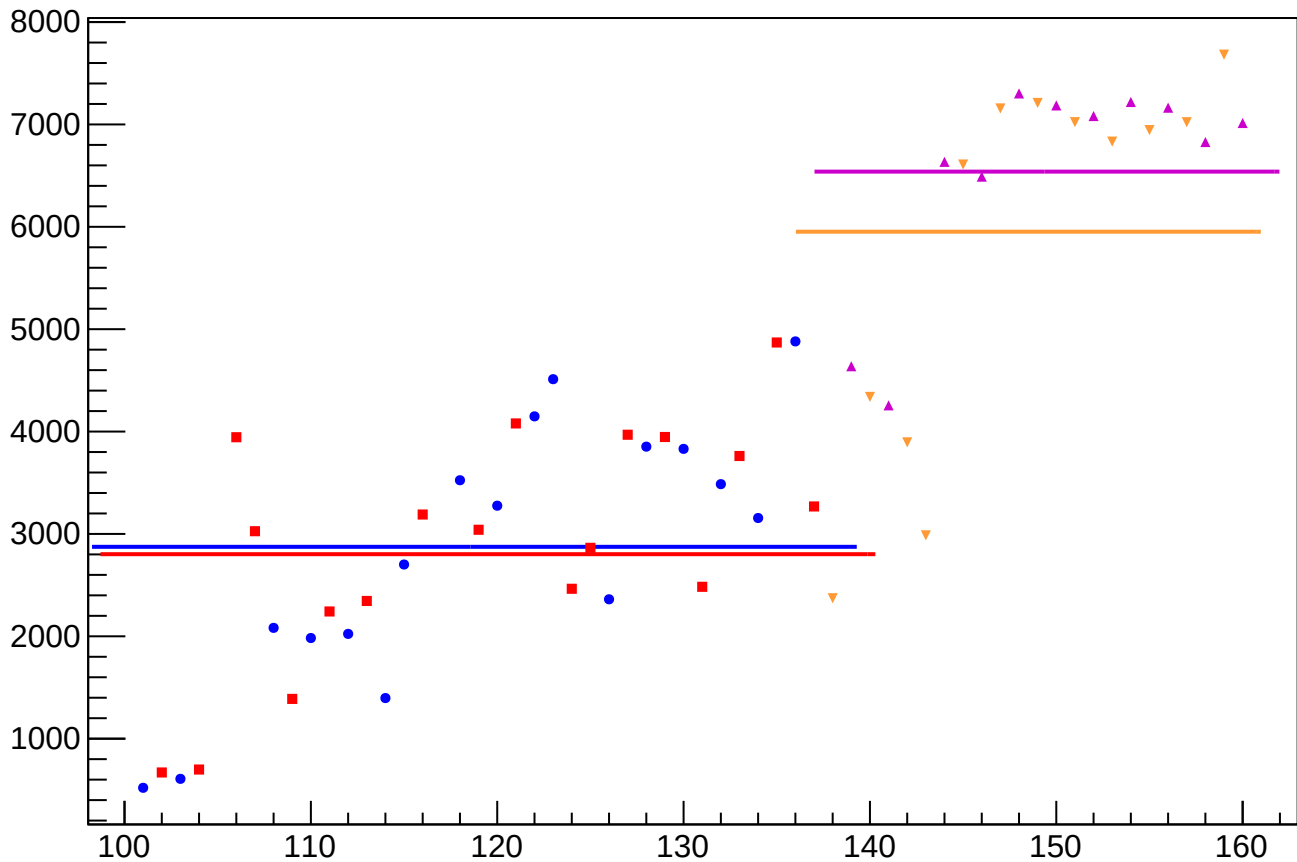
Right In: 2011.970 $\pm$ 0.000 χ^2 /NDF: 346652592308673178727003456260959895552.0/16
 Left Out: 3267.187 $\pm$ 0.000 χ^2 /NDF: 1365364759229998432134037030614341779456.0/11
 Right Out: 2482.921 $\pm$ 0.000 χ^2 /NDF: 5673812113008855047349052904680066121728.0/17
 Left In: 3255.280 $\pm$ 0.000 χ^2 /NDF: 418327011986445588651238941523934445568.0/10

dit_atr2_coil1_Ndata_mean vs Slug



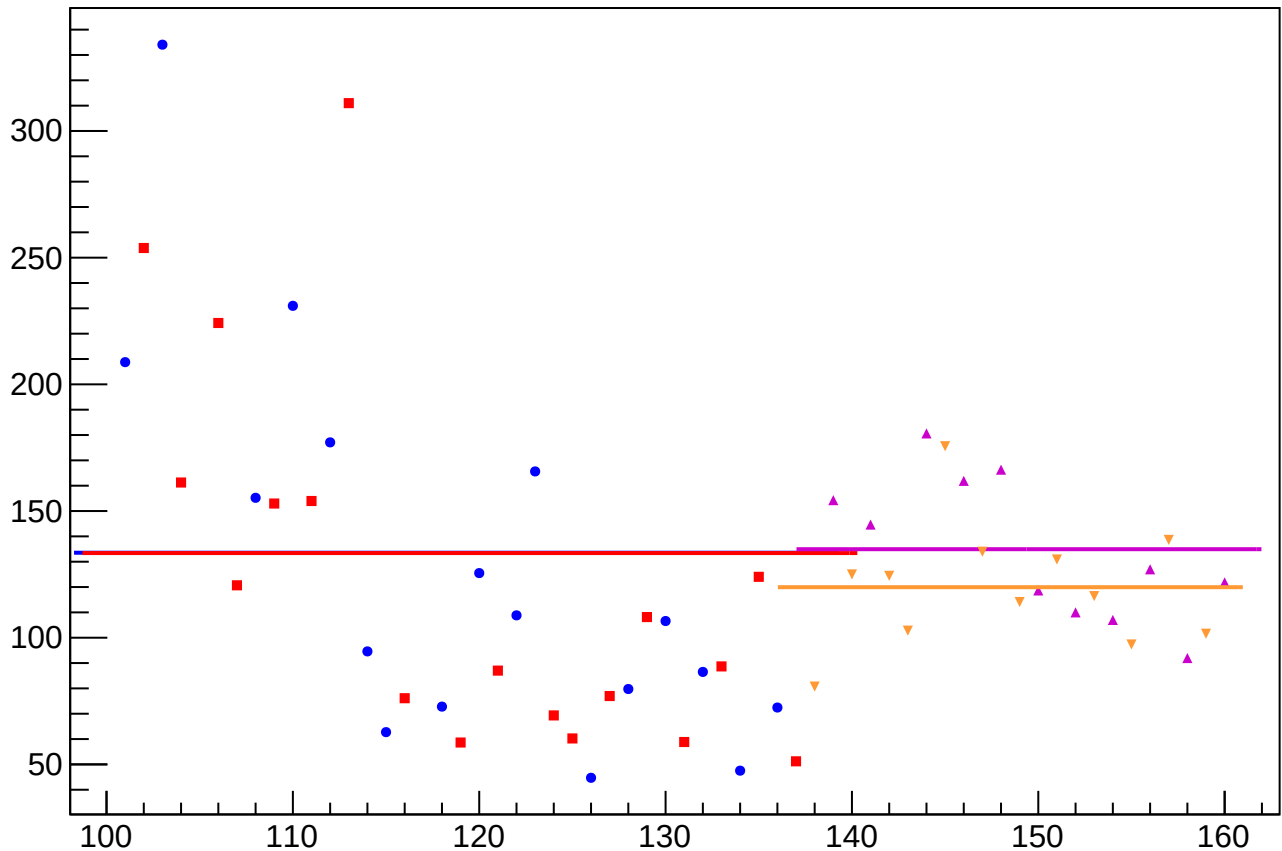
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_sam1_coil1_mean vs Slug



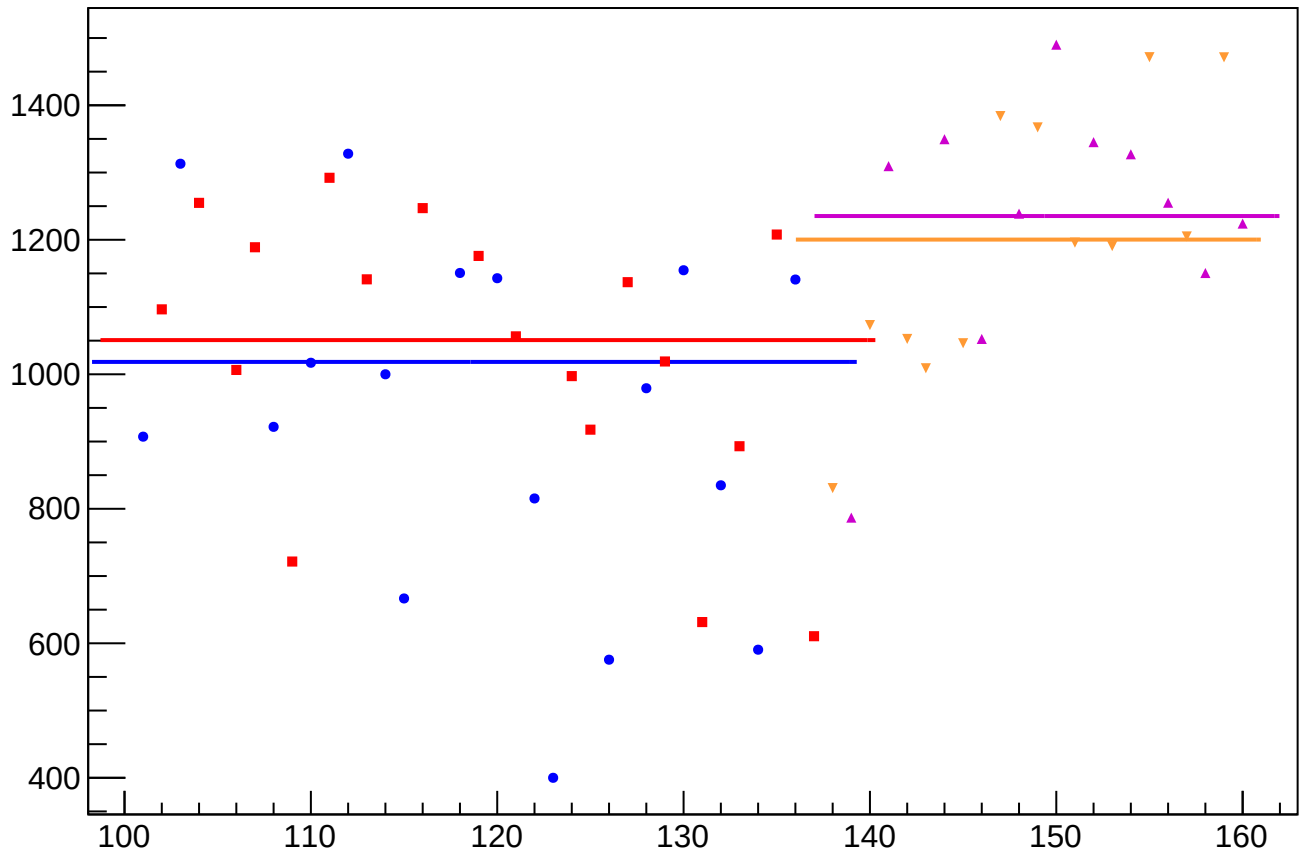
Right In: 2874.142+/-0.000 χ^2/NDF : 1331222919424099285024540359740568371200.0/16
 Left Out: 5952.071+/-0.000 χ^2/NDF : 2833818943109615822191848442455285301248.0/11
 Right Out: 2802.151+/-0.000 χ^2/NDF : 1095477572477657195402092119674444578816.0/17
 Left In: 6539.067+/-0.000 χ^2/NDF : 947421211454184627704546632992611631104.0/10

dit_sam1_coil1_err_mean vs Slug



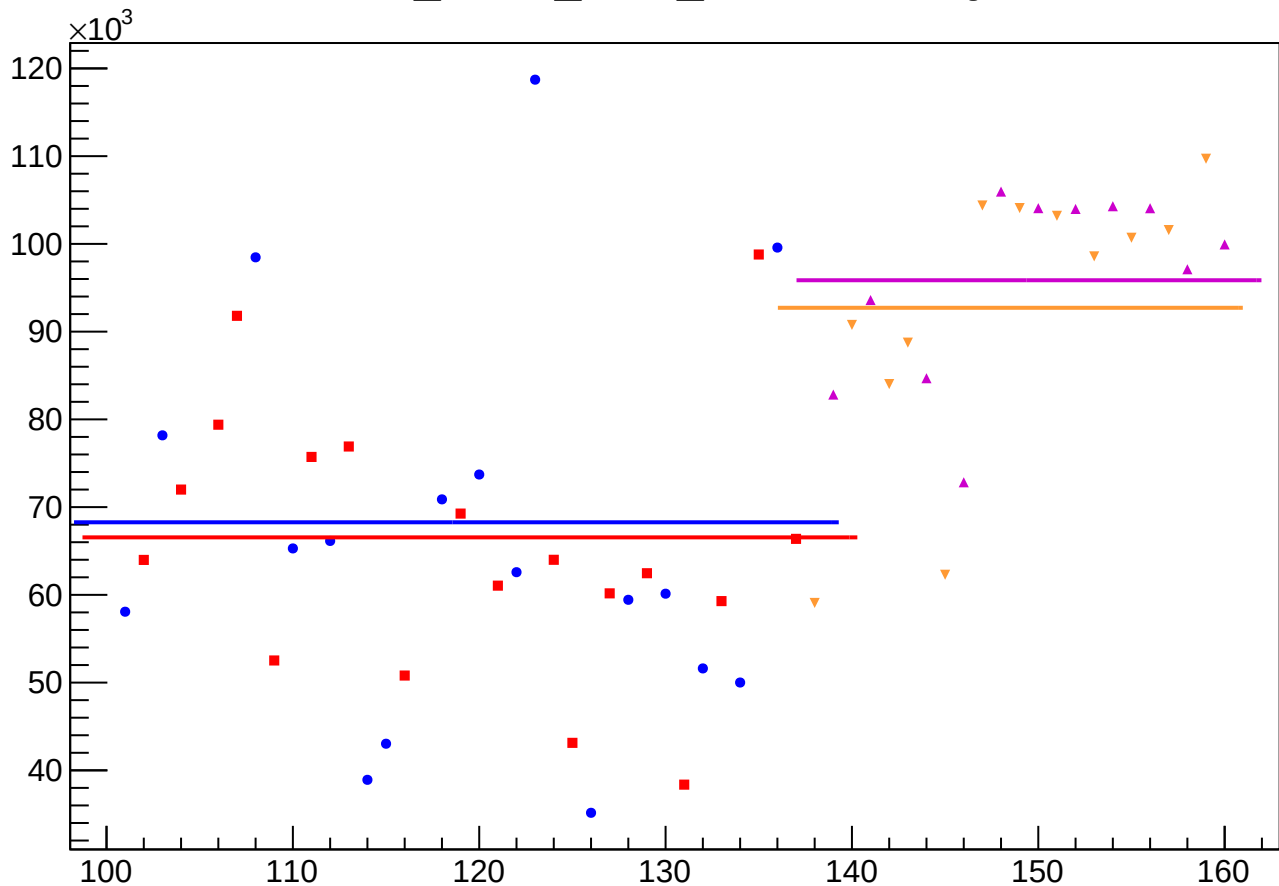
Right In: 133.542 $\pm$ 0.000 χ^2 /NDF: 4543635536863363524362136904007680000.0/16
 Left Out: 119.938 $\pm$ 0.000 χ^2 /NDF: 506287177502147090737971040893272064.0/11
 Right Out: 133.414 $\pm$ 0.000 χ^2 /NDF: 3923674220000100911612282920536899584.0/17
 Left In: 134.936 $\pm$ 0.000 χ^2 /NDF: 683742897306443646966443406983692288.0/10

dit_sam1_coil1_Ndata_mean vs Slug



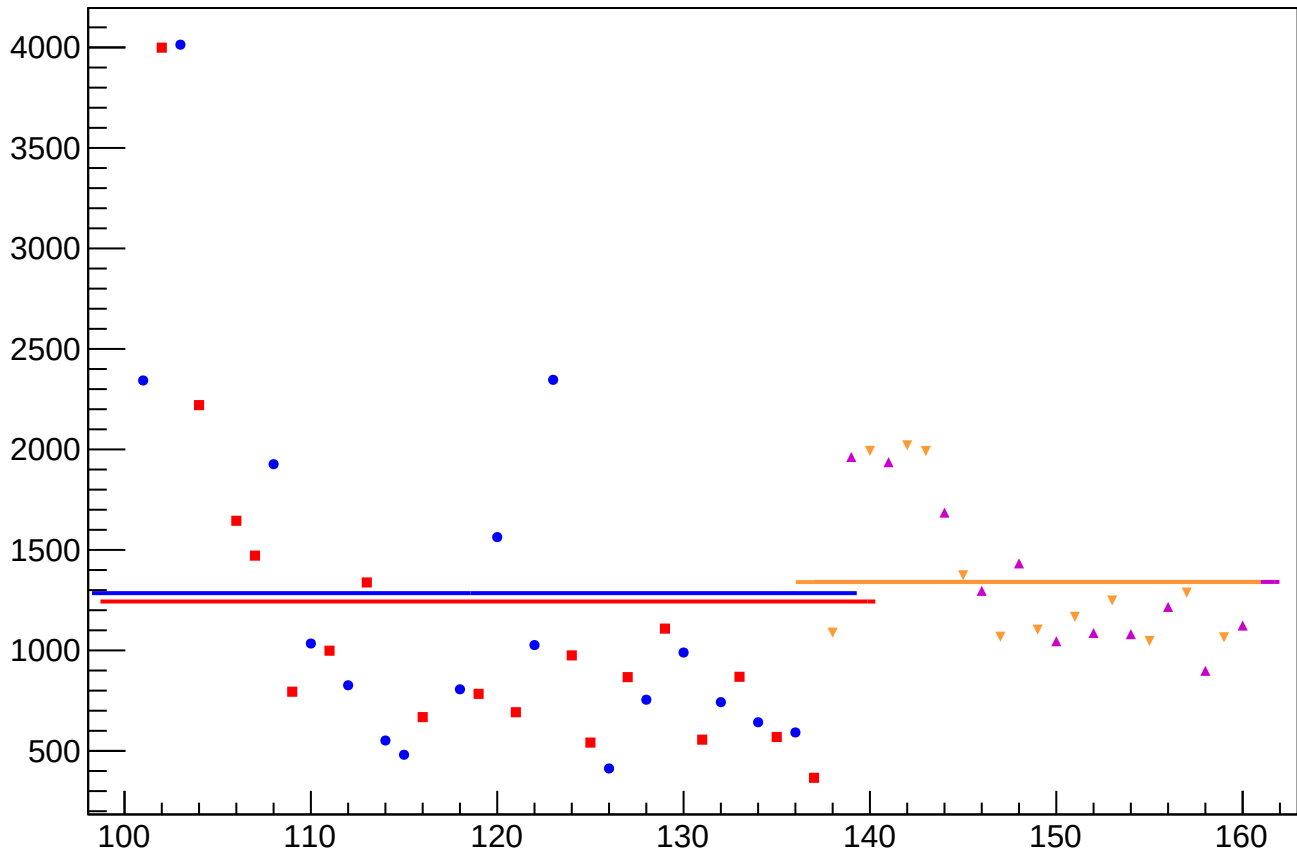
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_sam2_coil1_mean vs Slug



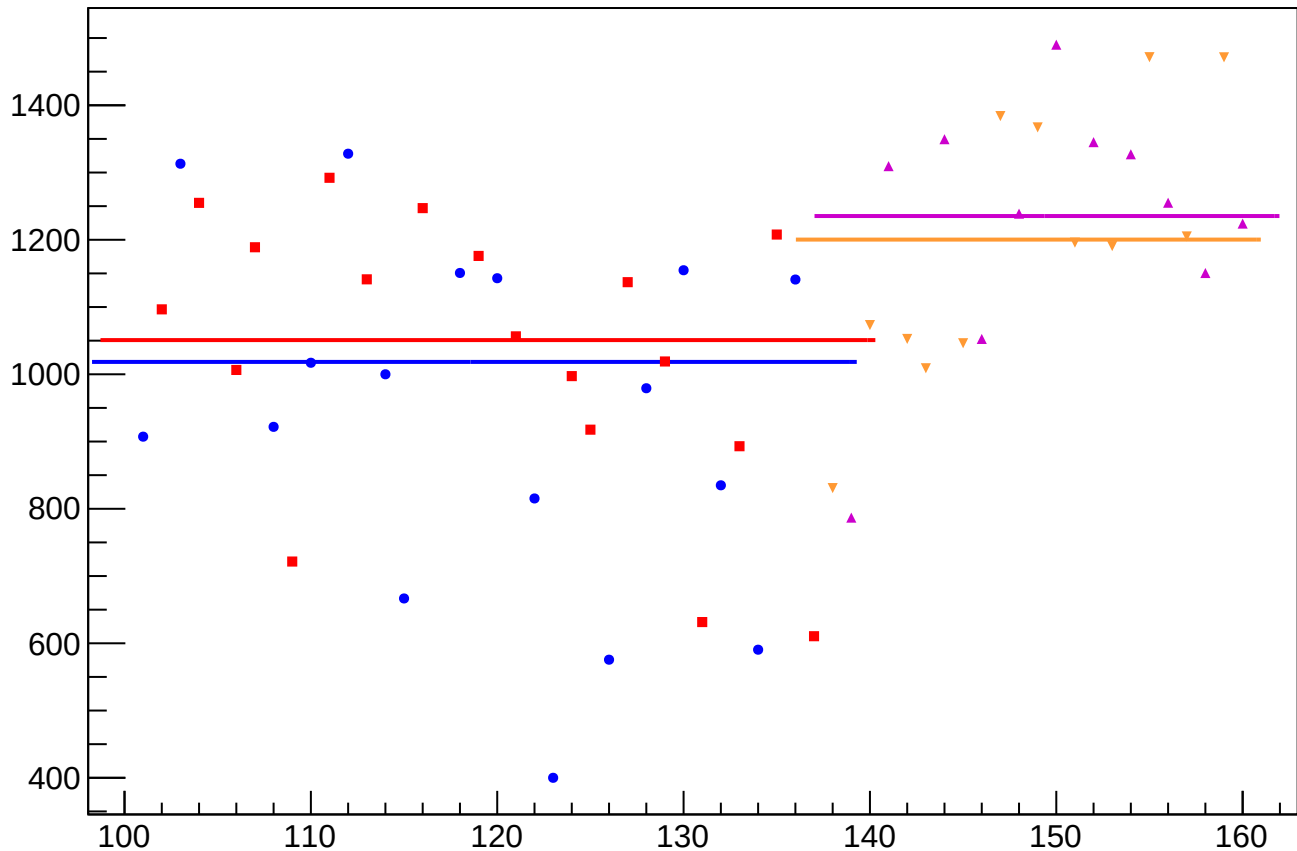
Right In: 68271.144 $\pm$ 0.000 χ^2 /NDF: 235026660939690757848337831565145453625344.0/16
 Left Out: 92717.908 $\pm$ 0.000 χ^2 /NDF: 232153760216632352324453742795605416083456.0/11
 Right Out: 66552.333 $\pm$ 0.000 χ^2 /NDF: 160169834970936771160063883899631076114432.0/17
 Left In: 95856.790 $\pm$ 0.000 χ^2 /NDF: 102994954285402902924974022528111745171456.0/10

dit_sam2_coil1_err_mean vs Slug



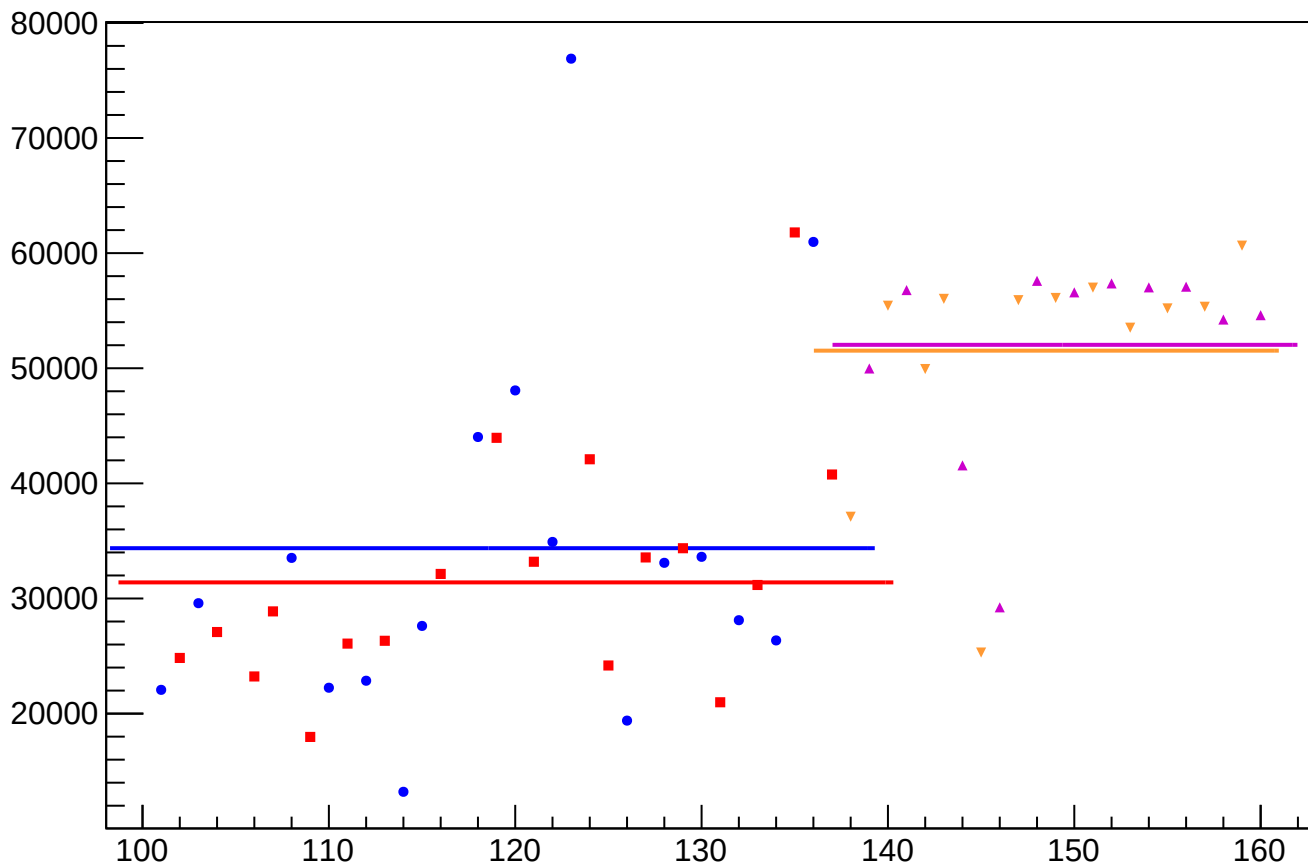
Right In: 1284.940+/-0.000 χ^2/NDF : 683539831030777721568567692799915327488.0/16
 Left Out: 1340.000+/-0.000 χ^2/NDF : 116326245376352875631706190484755972096.0/11
 Right Out: 1243.357+/-0.000 χ^2/NDF : 625737092307119238017872949095807582208.0/17
 Left In: 1340.697+/-0.000 χ^2/NDF : 113497084889581869864754089979493220352.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam3_coil1_mean vs Slug



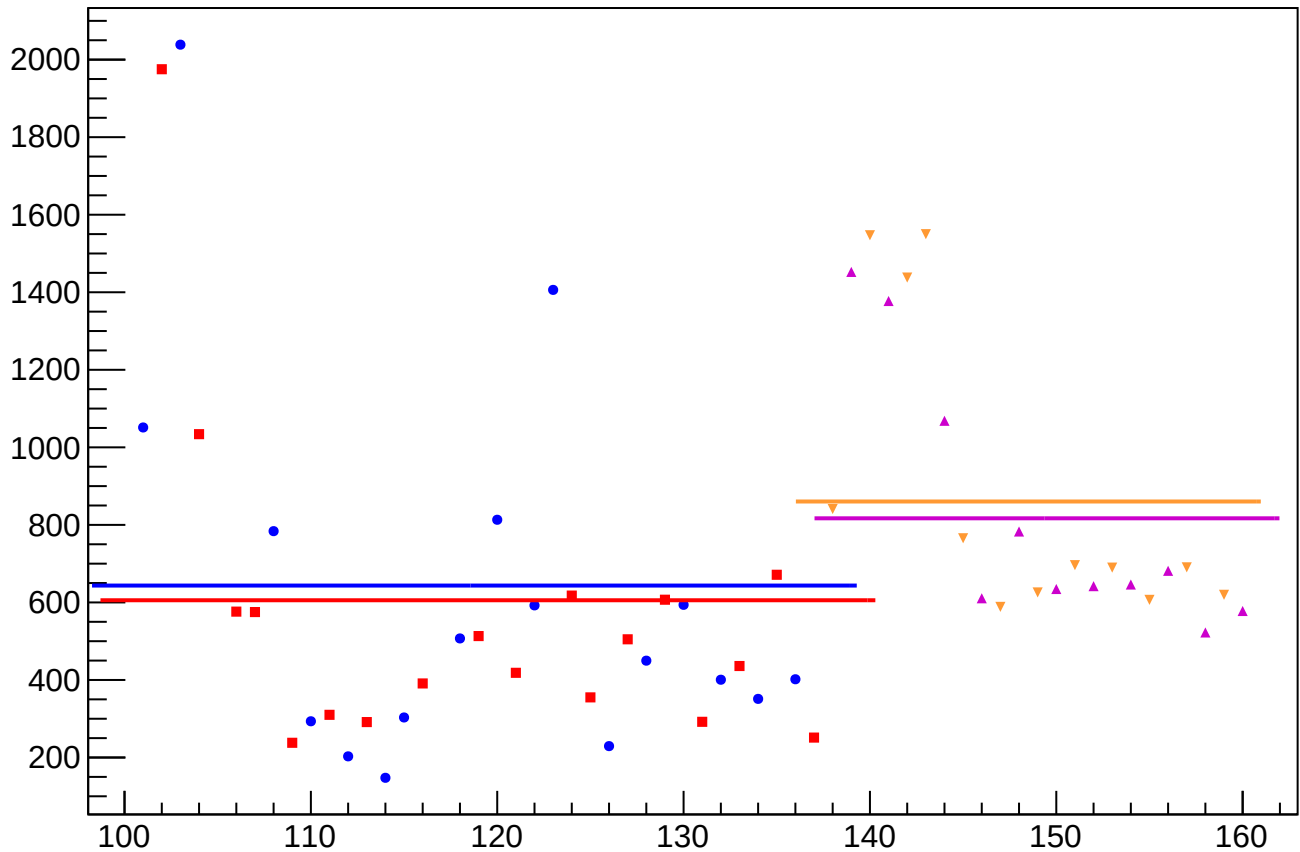
Right In: 34369.403+/-0.000	χ^2/NDF : 121175034584498762854553117020903178240000.0/16
Left Out: 51528.453+/-0.000	χ^2/NDF : 87309132481343179098596905129114857373696.0/11
Right Out: 31397.869+/-0.000	χ^2/NDF : 79791187049723357576303825736183029170176.0/17
Left In: 52033.522+/-0.000	χ^2/NDF : 67338083803269731476711249699025786503168.0/10

+ sign 44099.644+/-0.000 χ^2/NDF : 3243555748112

All: 43583.046+/-0.000 χ^2/NDF : 6447008327

- sign 43080.553+/-0.000 χ^2/NDF : 3195013417479

dit_sam3_coil1_err_mean vs Slug



Right In: 643.513+/-0.000 χ^2/NDF : 166606755510131009794947888972916850688.0/16

Left Out: 860.333+/-0.000 χ^2/NDF : 113447619211020210726400023771184365568.0/11

Right Out: 605.599+/-0.000 χ^2/NDF : 146641318103644748879900892058773094400.0/17

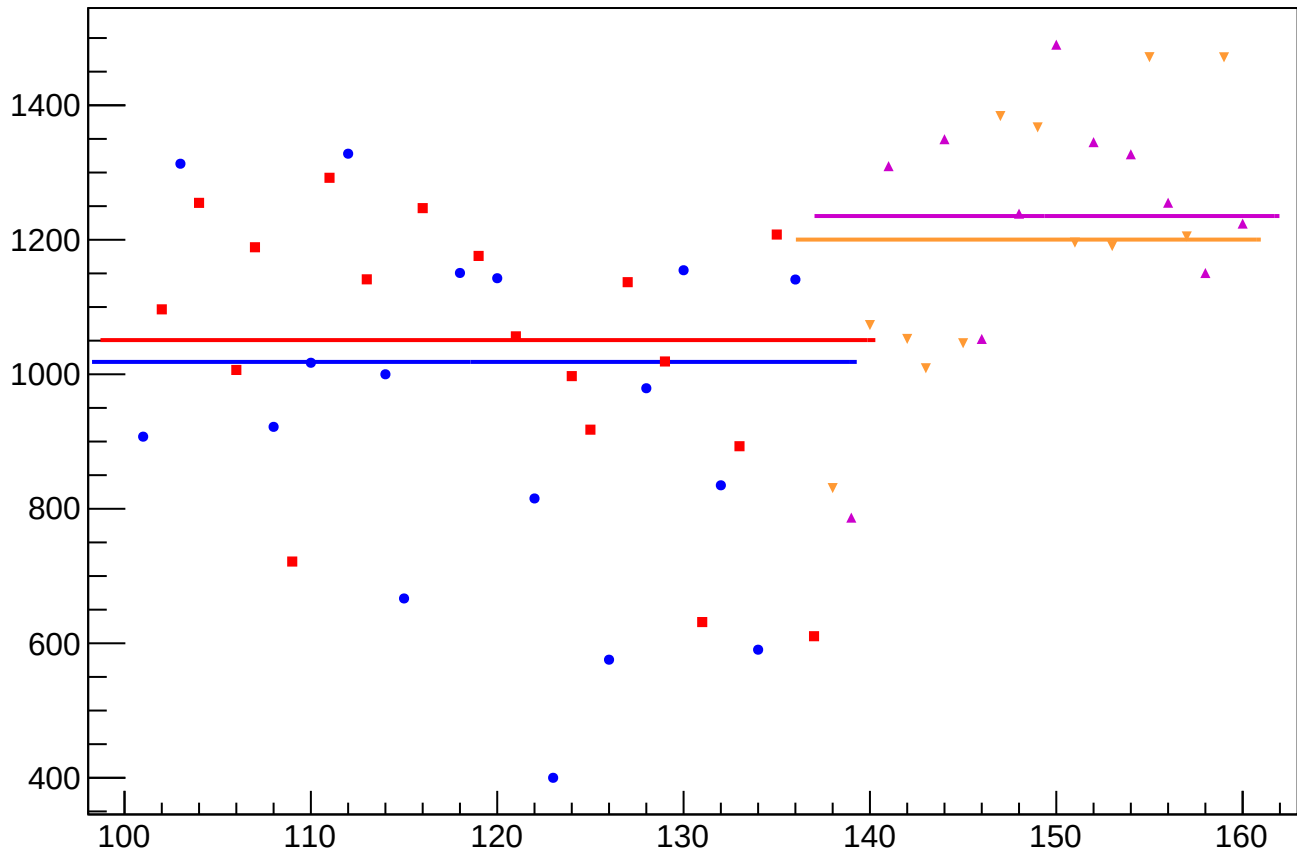
Left In: 816.958+/-0.000 χ^2/NDF : 90193686816714640570749106655187697664.0/10

+ sign 766.464+/-0.000 χ^2/NDF : 298555143220356

All: 745.576+/-0.000 χ^2/NDF : 554852876673

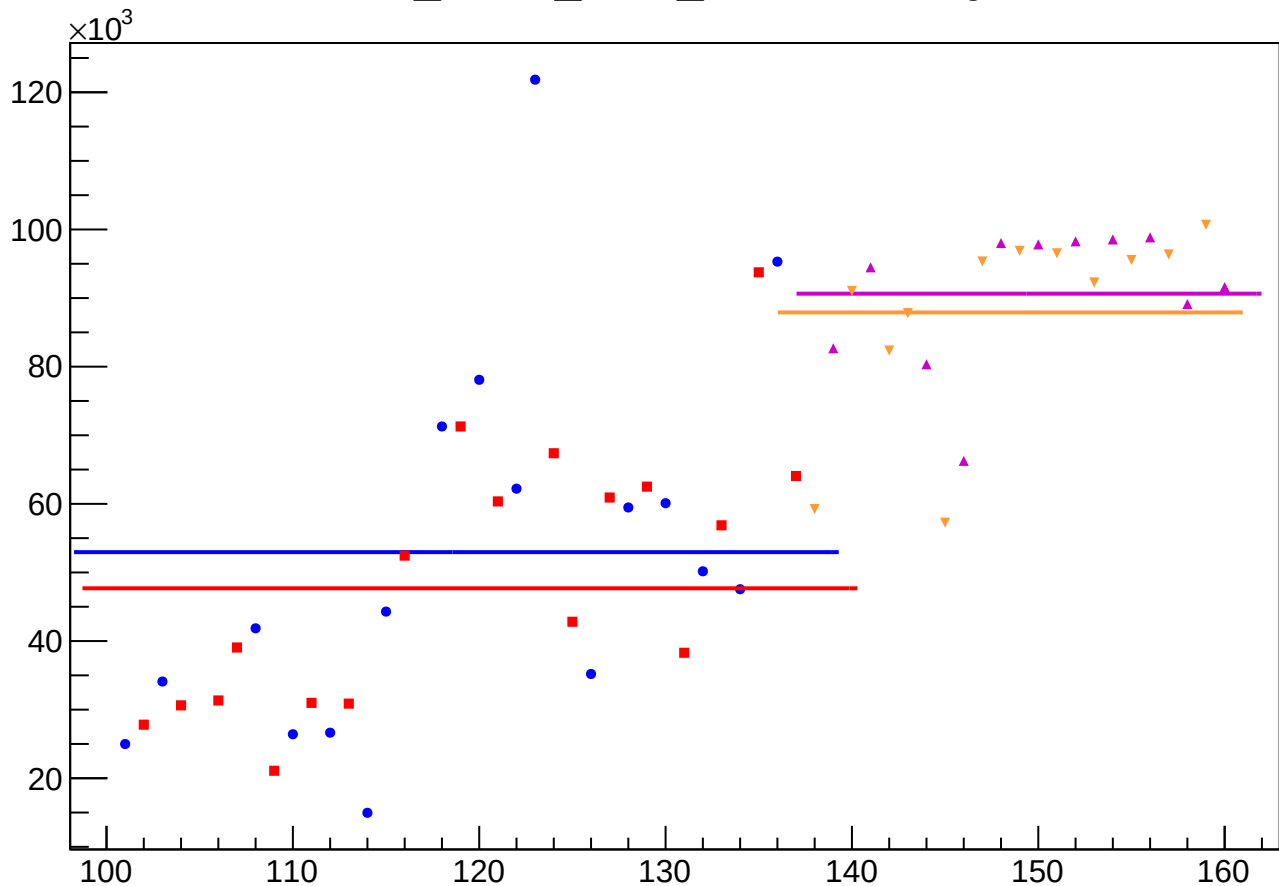
- sign 725.258+/-0.000 χ^2/NDF : 254918032324737

dit_sam3_coil1_Ndata_mean vs Slug



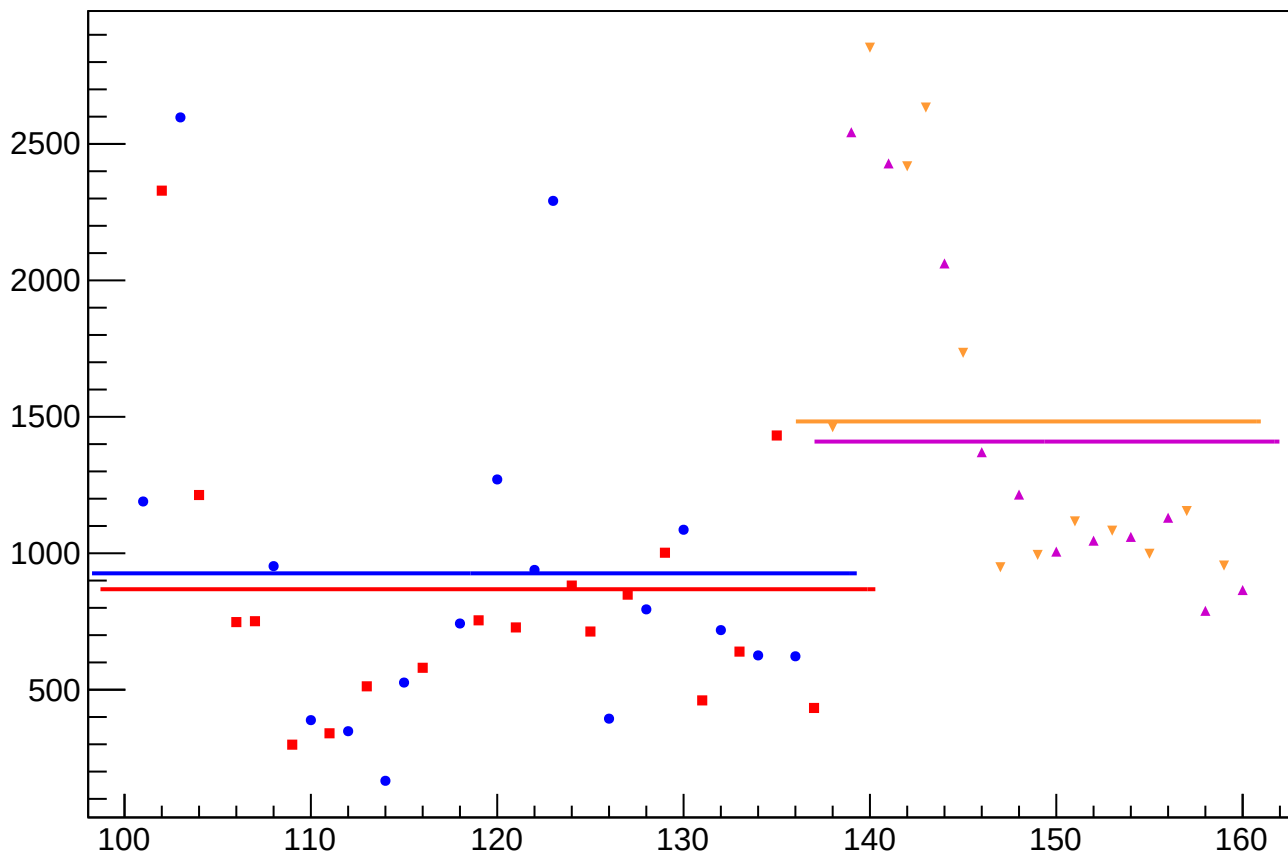
Right In: 1018.403 $\pm$ 0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_sam4_coil1_mean vs Slug



Right In: 52960.923+/-0.000 χ^2/NDF : 388091282862865702902242590456549457526784.0/16
 Left Out: 87902.834+/-0.000 χ^2/NDF : 181078064018170990794226695799487636439040.0/11
 Right Out: 47689.948+/-0.000 χ^2/NDF : 282811495062805394257124892434373518819328.0/17
 Left In: 90642.606+/-0.000 χ^2/NDF : 90652199115187667262863496655433124282368.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 926.486+/-0.000 χ^2/NDF : 243573676873909042150690872266806263808.0/16

Left Out: 1483.109+/-0.000 χ^2/NDF : 403083502170691493450426839772184969216.0/11

Right Out: 868.248+/-0.000 χ^2/NDF : 197961184826469333991871261895452262400.0/17

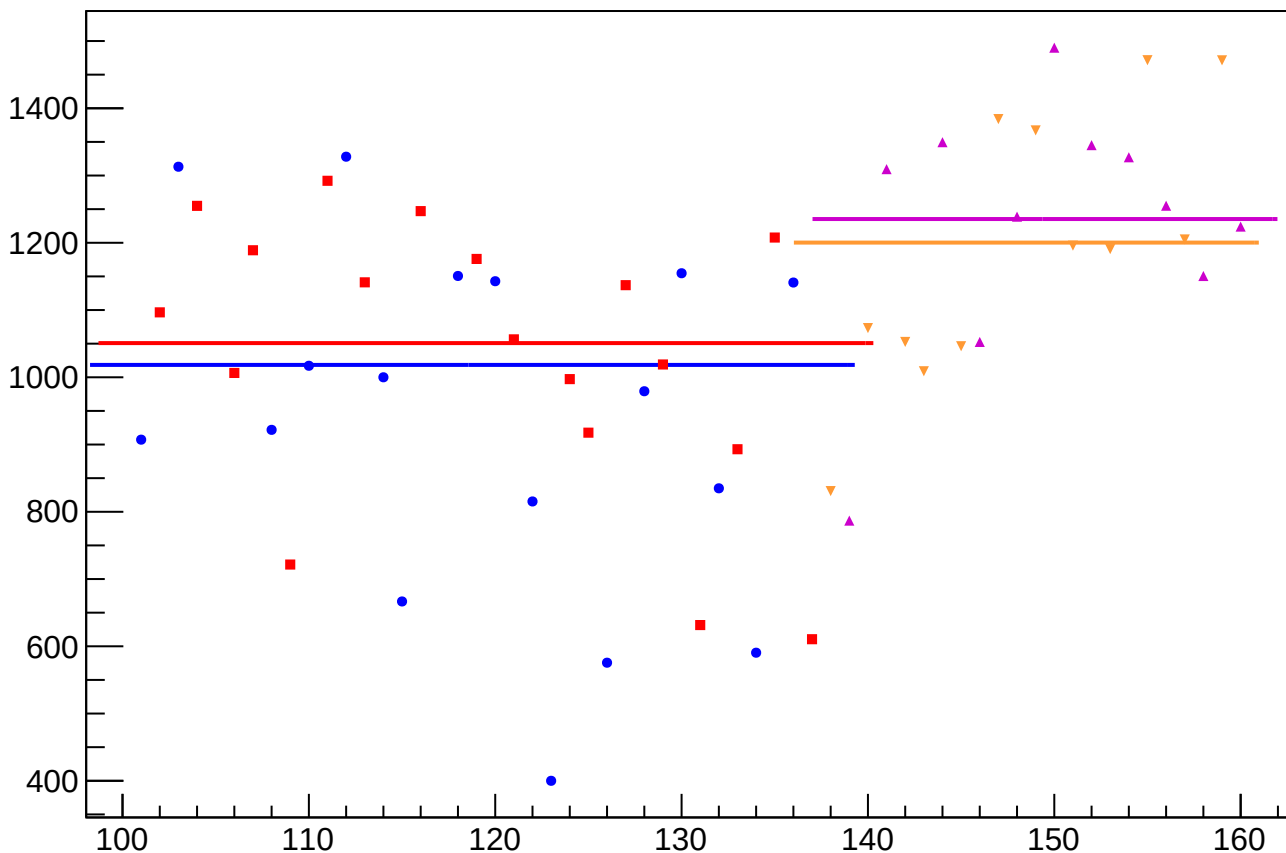
Left In: 1409.297+/-0.000 χ^2/NDF : 332711527563971352496330414058593320960.0/10

+ sign 1242.126+/-0.000 χ^2/NDF : 76858756839410

All: 1207.874+/-0.000 χ^2/NDF : 1421466160

- sign 1174.558+/-0.000 χ^2/NDF : 64916879286963

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

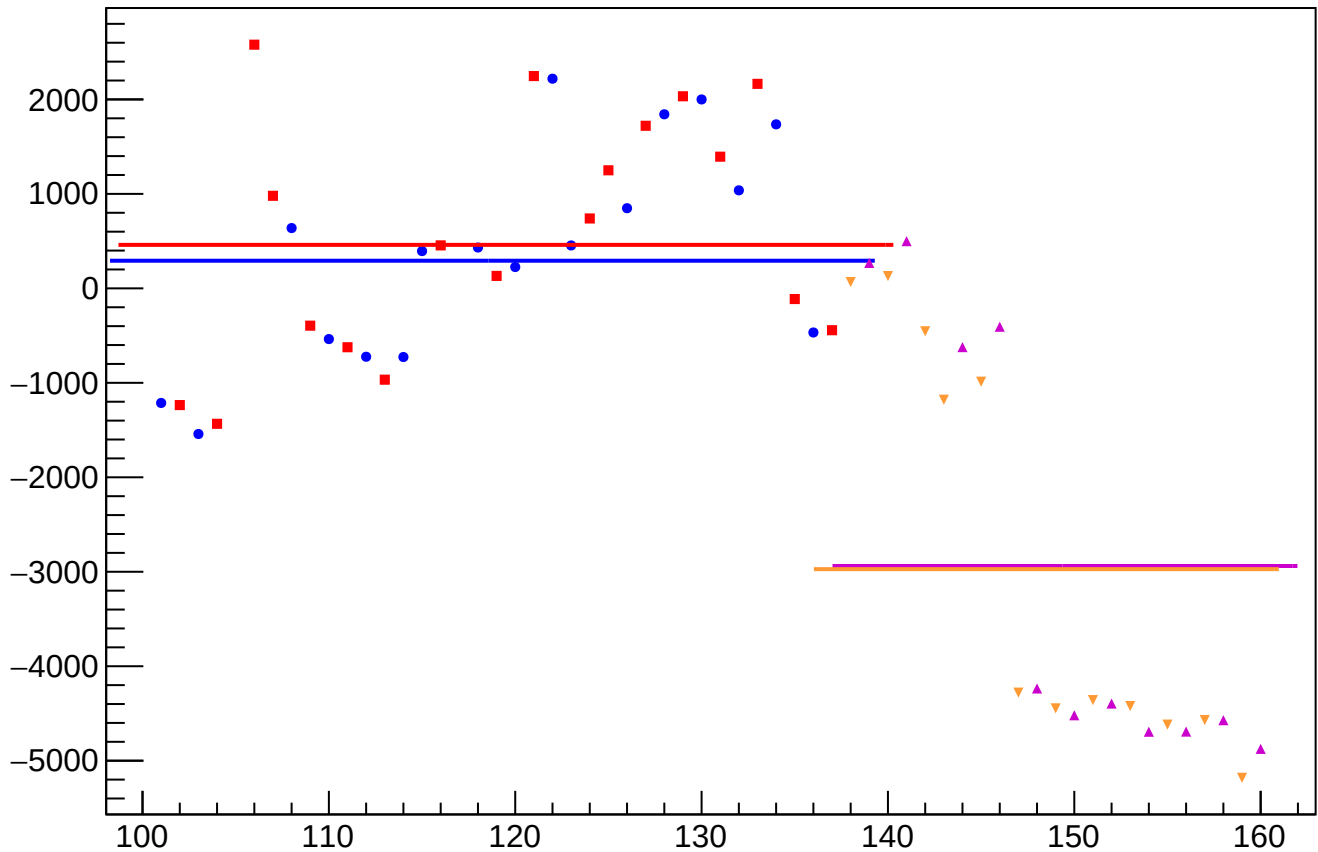
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam5_coil1_mean vs Slug



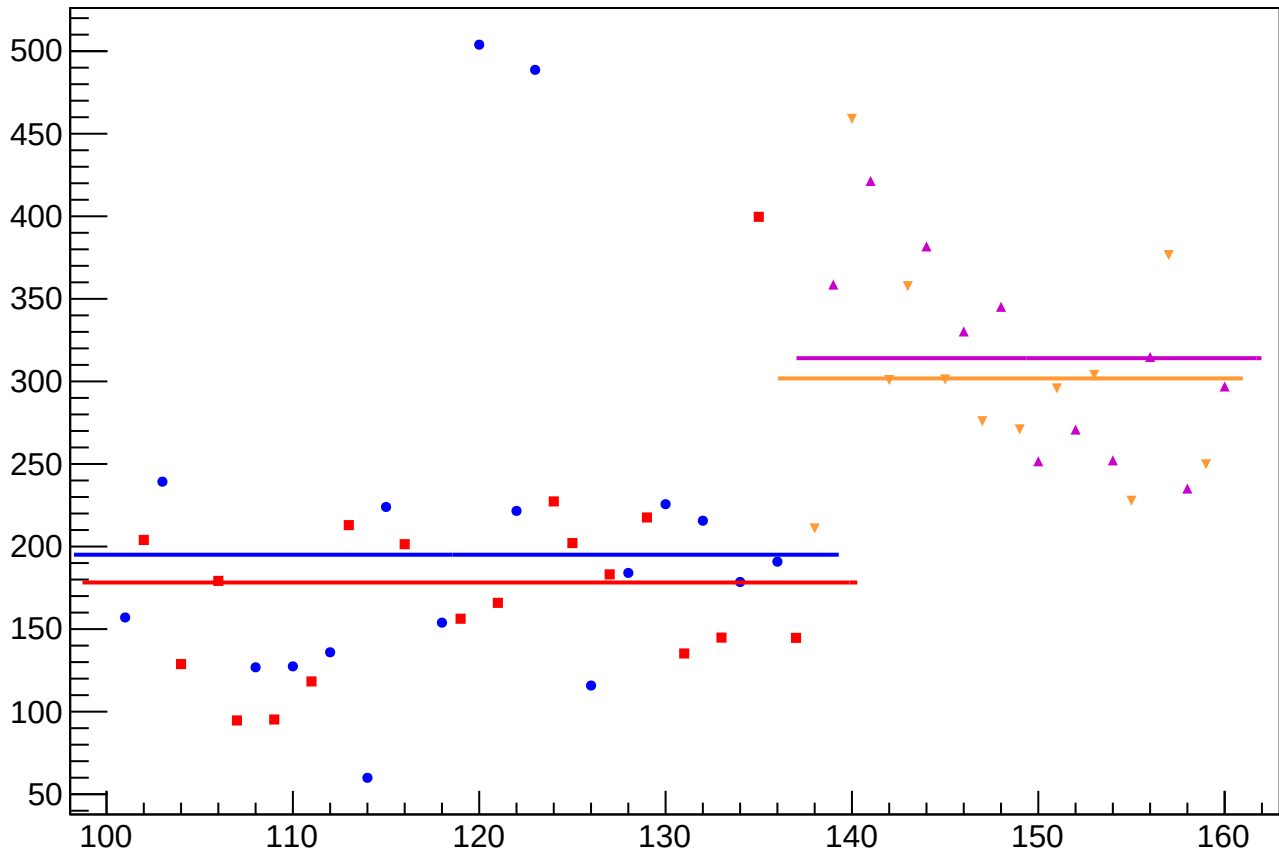
Right In: 292.624+/-0.000 χ^2/NDF : 992224758361668568621384832231814463488.0/16

Left Out: -2972.256+/-0.000 χ^2/NDF : 3761676179645694438437077561605877661696.0/11

Right Out: 460.444+/-0.000 χ^2/NDF : 1195390620297922800798852366593102446592.0/17

Left In: -2938.958+/-0.000 χ^2/NDF : 4448330371719931217957339295057738465280.0/10

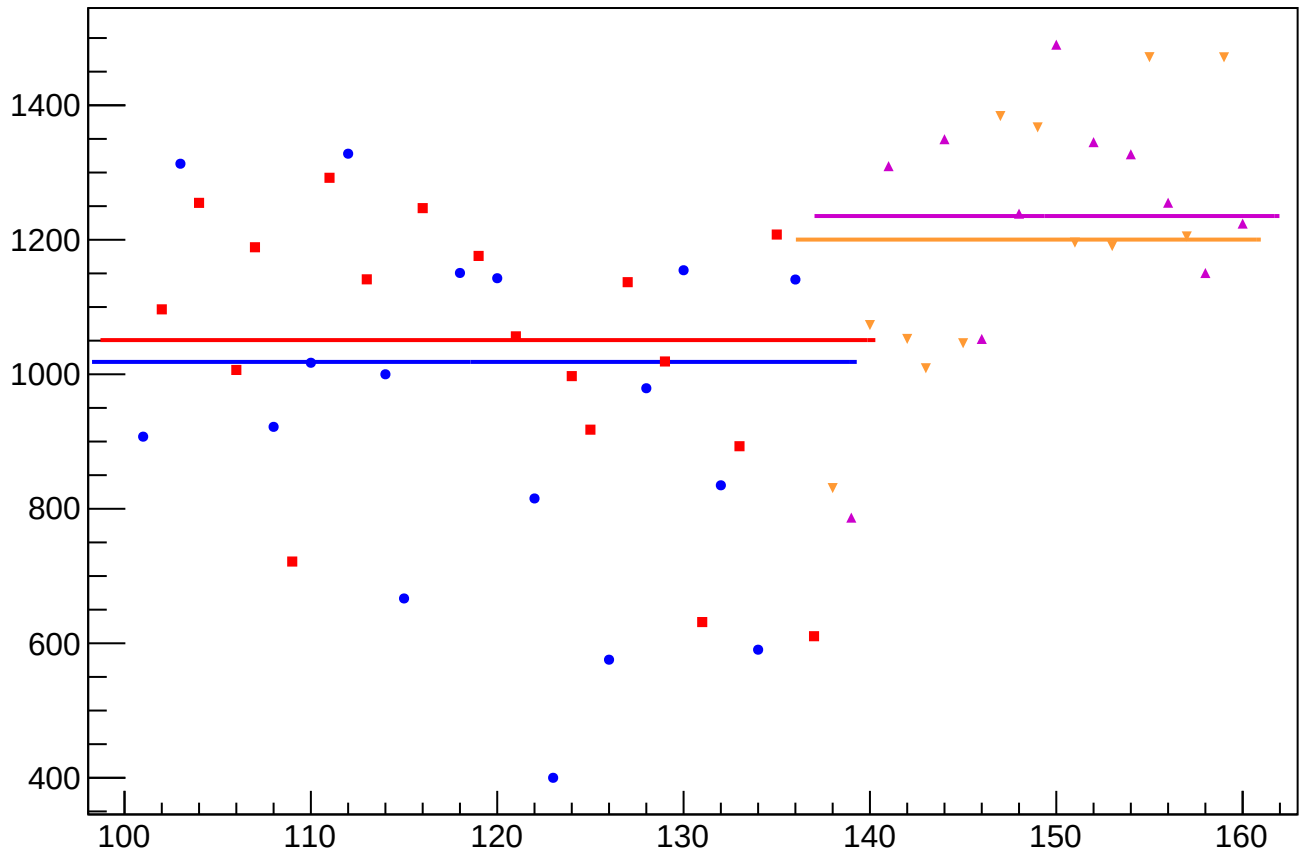
dit_sam5_coil1_err_mean vs Slug



Right In: 195.049+/-0.000	χ^2/NDF : 5080024494184824251769530857650388992.0/16
Left Out: 301.805+/-0.000	χ^2/NDF : 4084053009607102608824389490062655488.0/11
Right Out: 178.222+/-0.000	χ^2/NDF : 3636798558444840391154572885518974976.0/17
Left In: 314.075+/-0.000	χ^2/NDF : 3038378746515633770905831871124340736.0/10

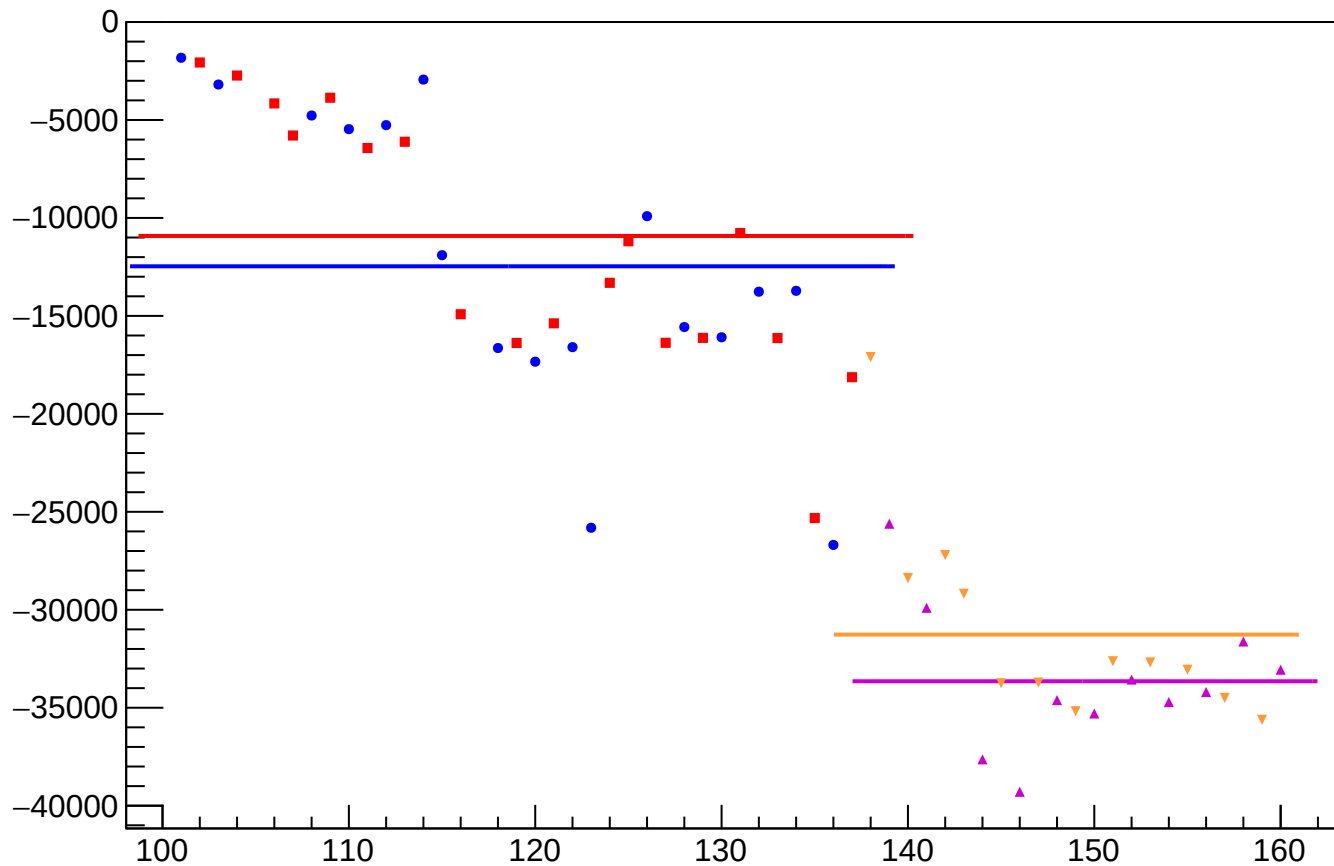
+ sign 255.586+/-0.000 χ^2/NDF : 136491698964325
 All: 255.357+/-0.000 χ^2/NDF : 27795325486
 - sign 255.134+/-0.000 χ^2/NDF : 141459895048488

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 $\pm$ 0.000 χ^2 /NDF: 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 $\pm$ 0.000 χ^2 /NDF: 29022677529286996275047766841758842880.0/10

dit_sam6_coil1_mean vs Slug



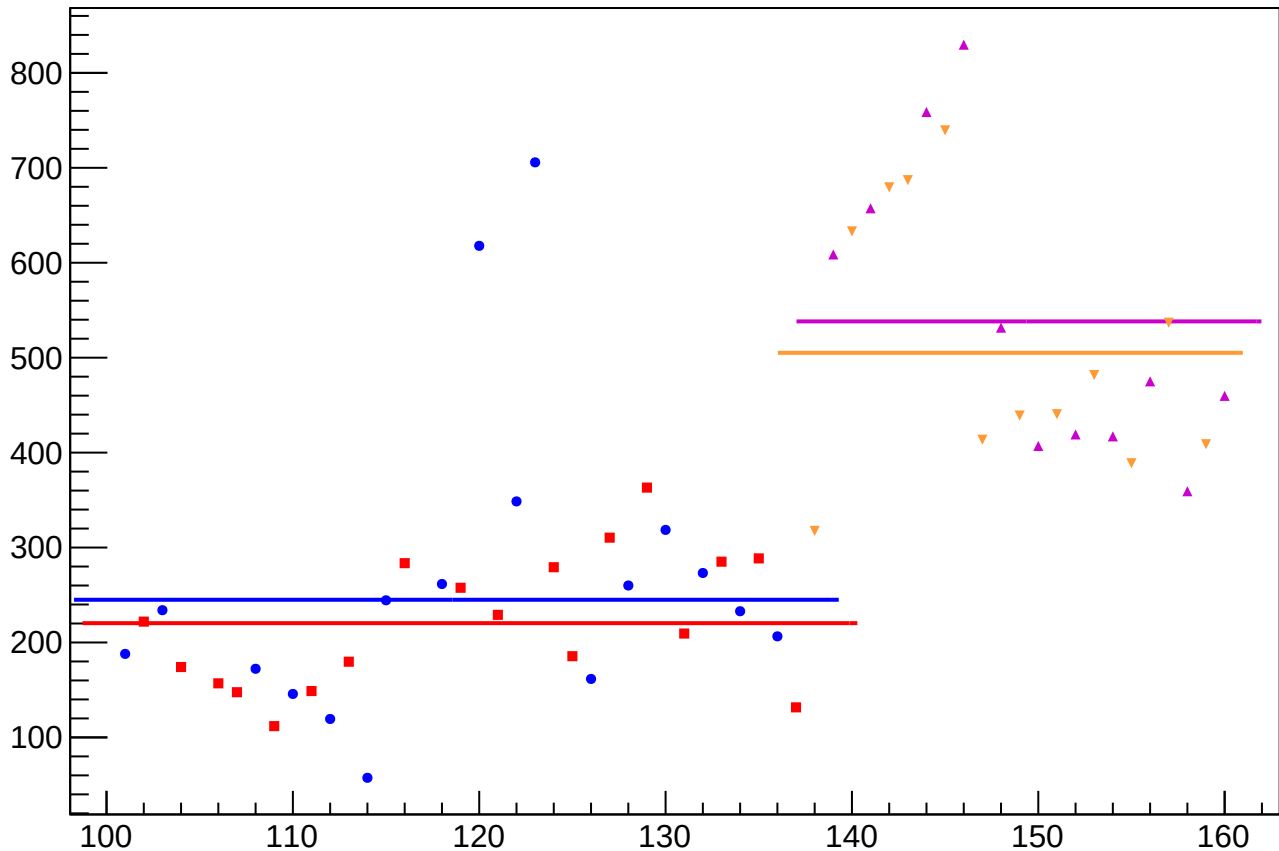
Right In: -12468.200+/-0.000	χ^2/NDF : 41947810781860597740124287766684235726848.0/16
Left Out: -31267.411+/-0.000	χ^2/NDF : 22472352508992692811157309504314979385344.0/11
Right Out: -10920.089+/-0.000	χ^2/NDF : 32165705228240657588124121675327793528832.0/17
Left In: -33648.648+/-0.000	χ^2/NDF : 11296625028325119552839806860927105499136.0/10

+ sign -23128.514+/-0.000 χ^2/NDF : 203501578140

All: -23462.645+/-0.000 χ^2/NDF : 456426709

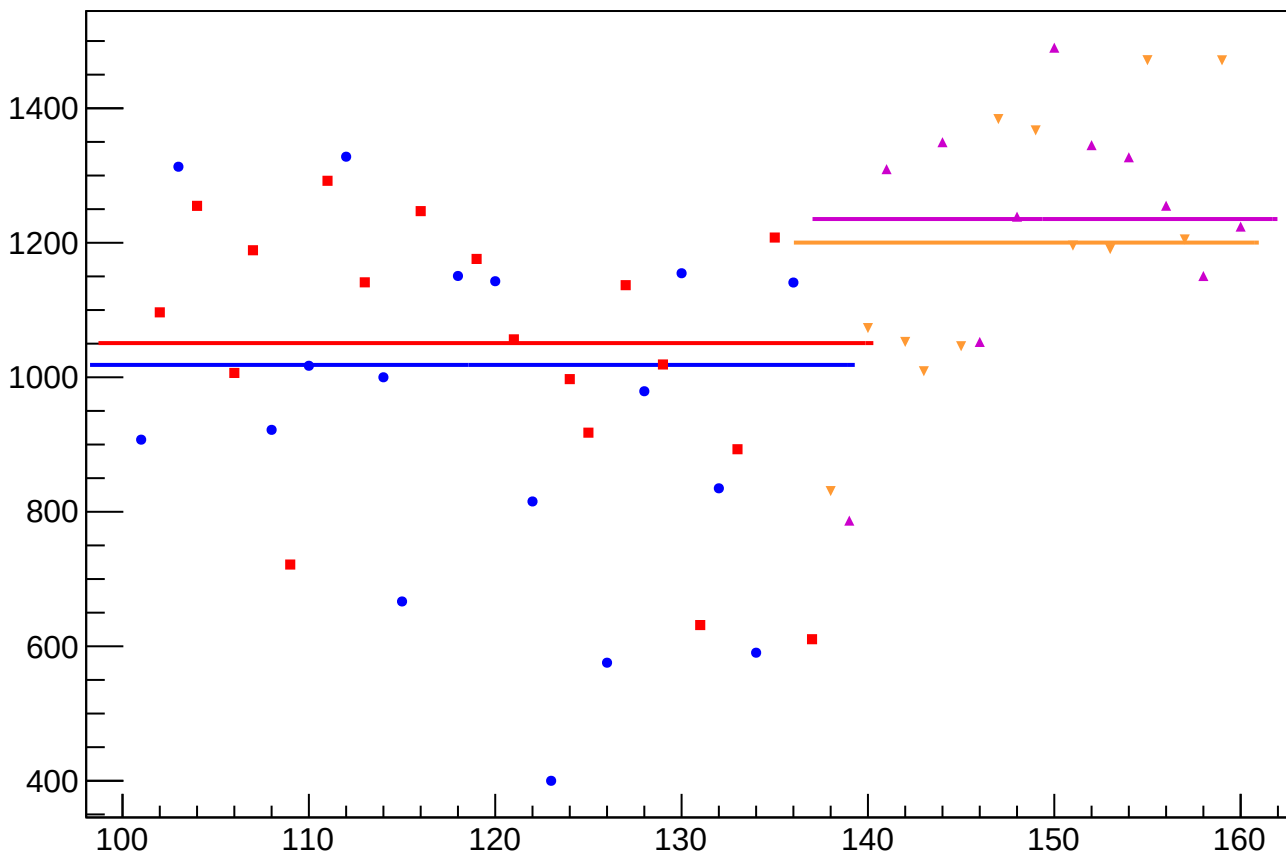
- sign -23787.653+/-0.000 χ^2/NDF : 2525720879741

dit_sam6_coil1_err_mean vs Slug



Right In: 244.994+/-0.000	χ^2/NDF : 8873183370170999334634045001787506688.0/16	+ sign 392.506+/-0.000	χ^2/NDF : 507765180649784
Left Out: 505.129+/-0.000	χ^2/NDF : 15272519684305825551143996818058117120.0/11	All: 396.459+/-0.000	χ^2/NDF : 115603625590
Right Out: 220.353+/-0.000	χ^2/NDF : 3356691284213126680510243475038404608.0/17	- sign 400.303+/-0.000	χ^2/NDF : 647777116384331
Left In: 538.207+/-0.000	χ^2/NDF : 20524569412911645618745037593493110784.0/10		

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

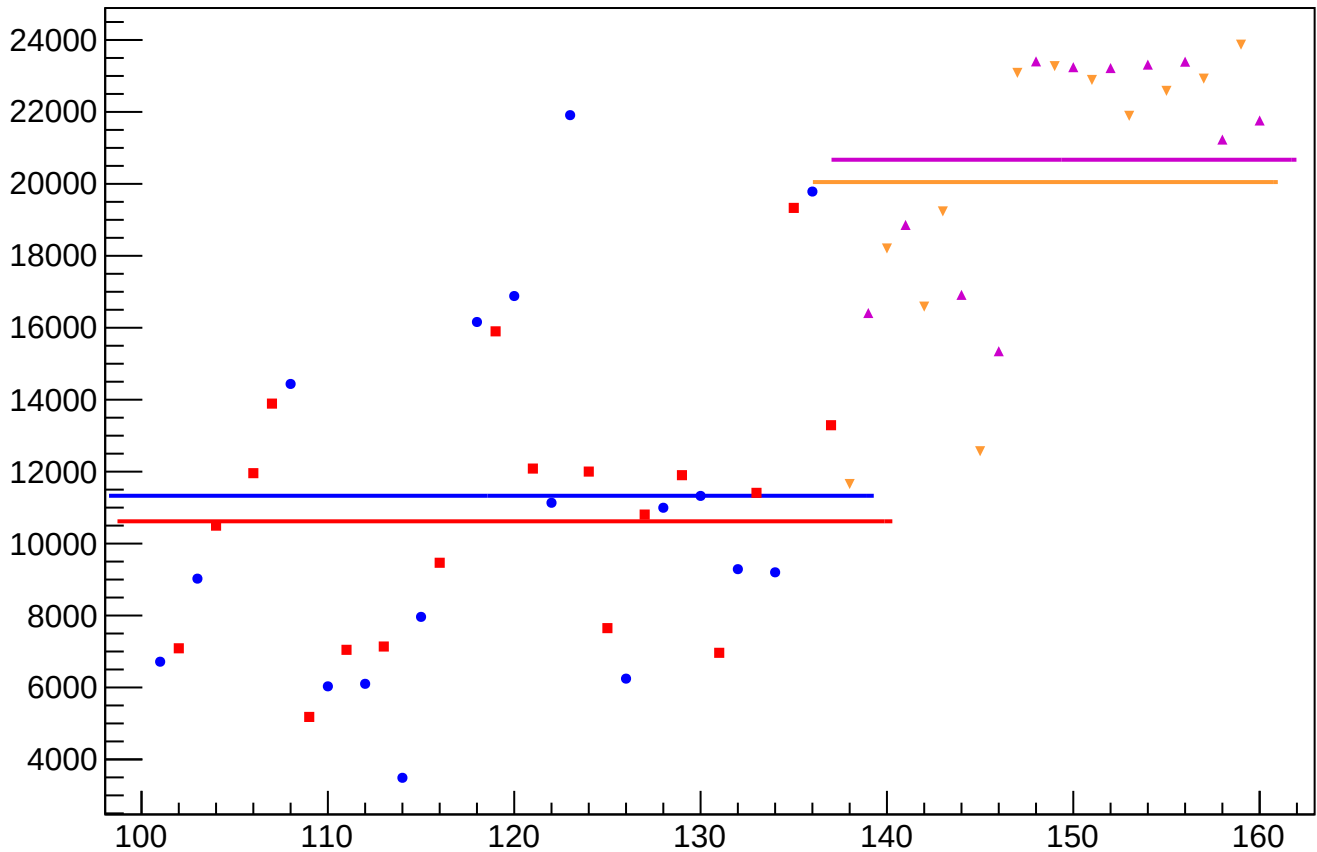
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

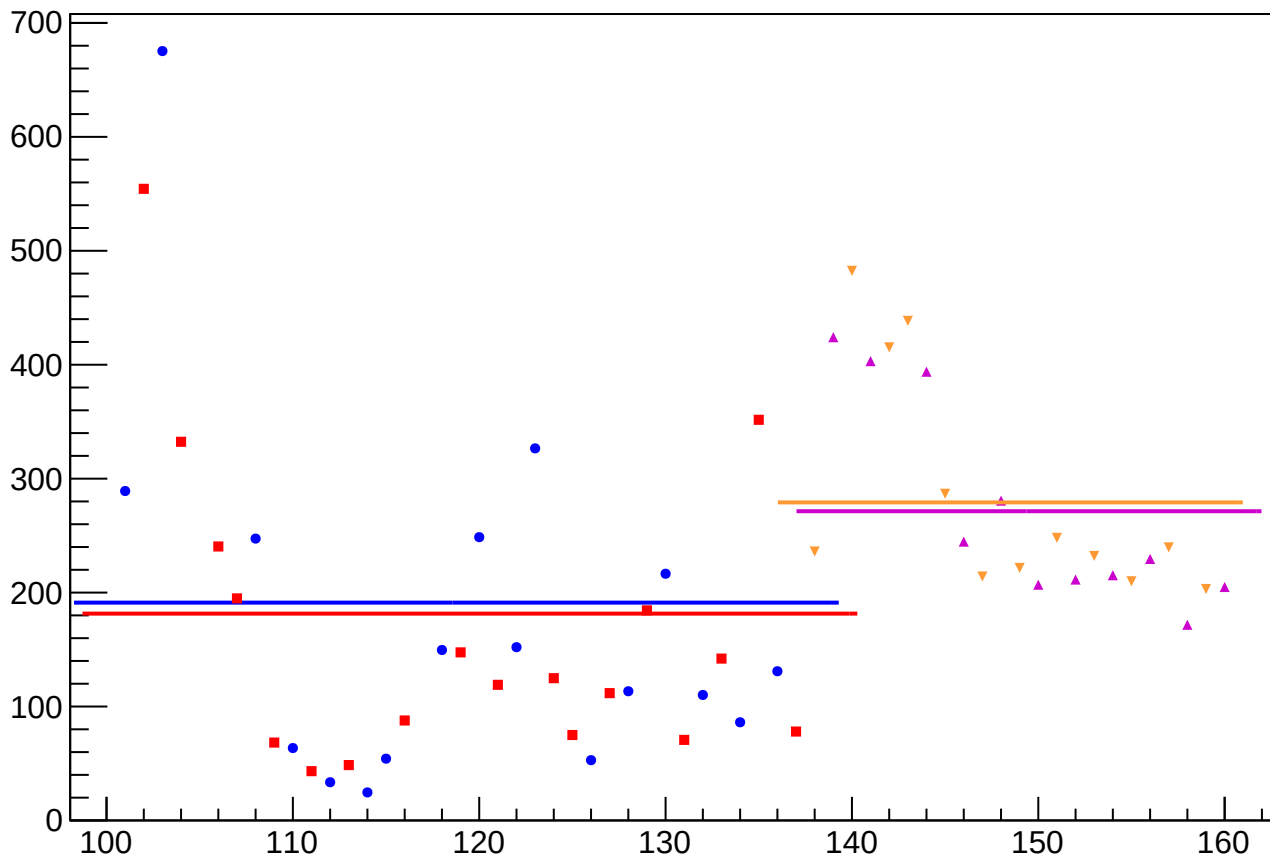
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam7_coil1_mean vs Slug



Right In: 11329.210+/-0.000 χ^2/NDF : 15521857033868622025770129635391850938368.0/16
 Left Out: 20050.081+/-0.000 χ^2/NDF : 15531978446555800166104970917231932211200.0/11
 Right Out: 10619.182+/-0.000 χ^2/NDF : 10071633014201515414626302207213810221056.0/17
 Left In: 20670.726+/-0.000 χ^2/NDF : 8494858406573564863789120894069960081408.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 191.191+/-0.000 χ^2/NDF : 19183697593820495387775377202474909696.0/16

Left Out: 279.165+/-0.000 χ^2/NDF : 7920210699485411791931517458268028928.0/11

Right Out: 181.551+/-0.000 χ^2/NDF : 14852803264995019247576775913608577024.0/17

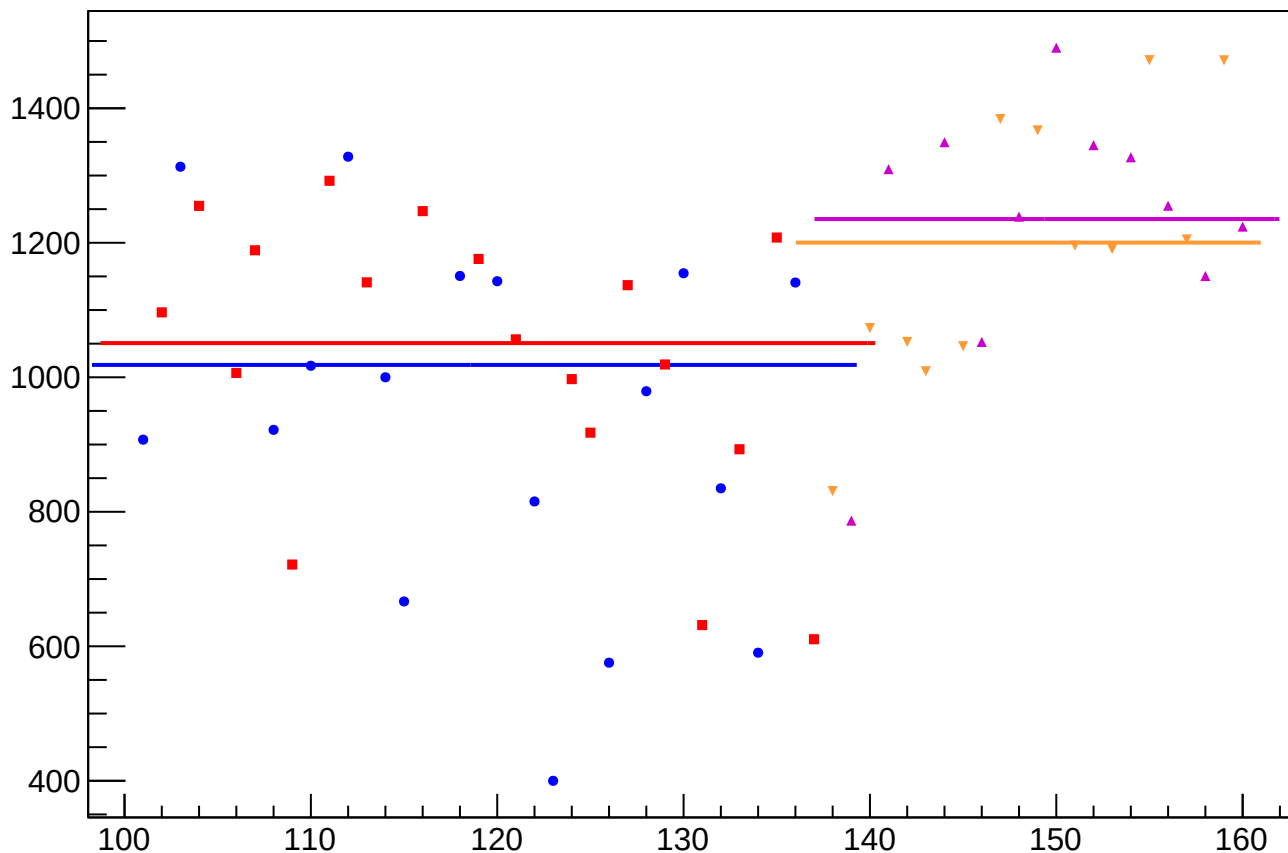
Left In: 271.426+/-0.000 χ^2/NDF : 7049081855860572674907173749109293056.0/10

+ sign 241.078+/-0.000 χ^2/NDF : 301496704306911

All: 236.695+/-0.000 χ^2/NDF : 553819563747

- sign 232.433+/-0.000 χ^2/NDF : 251715575685874

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1200.293+/-0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11

Right Out: 1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17

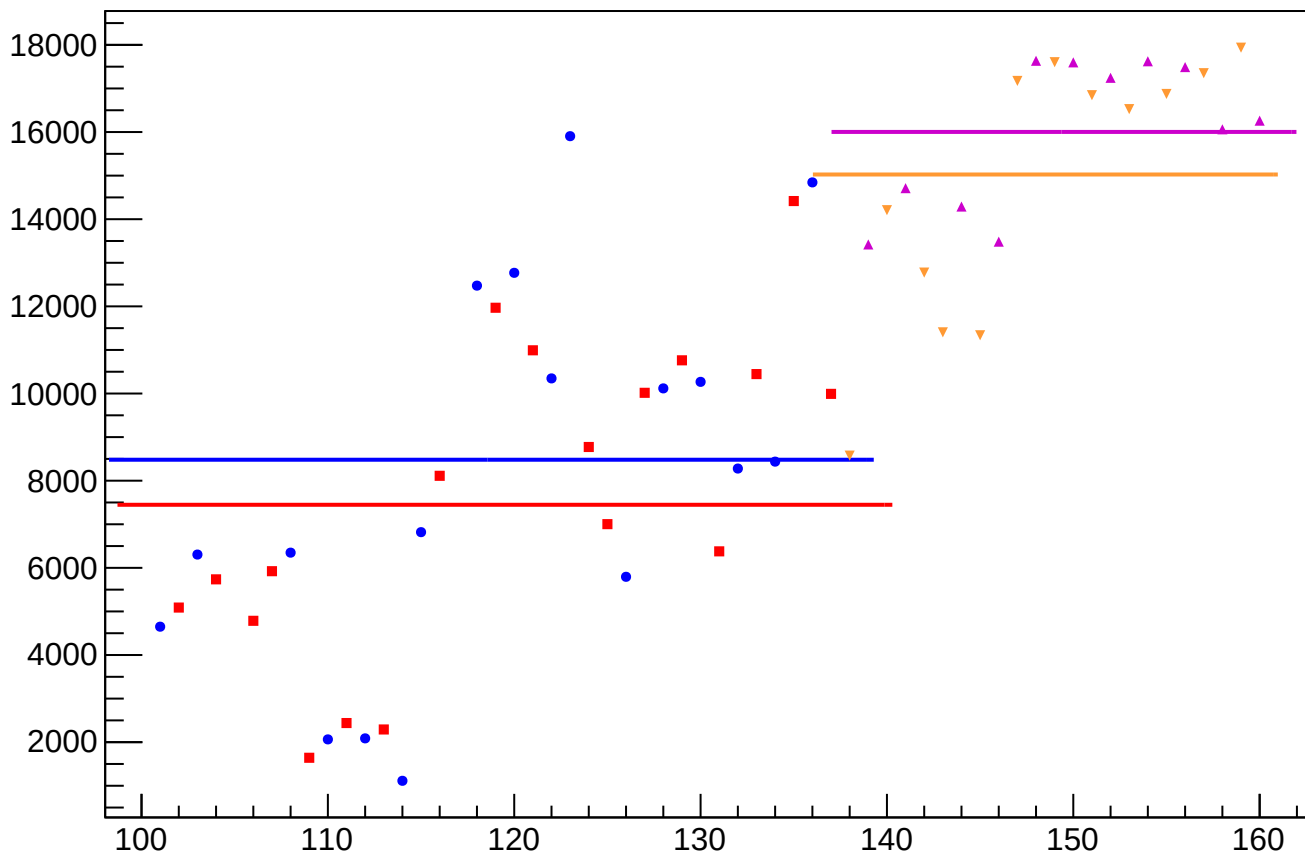
Left In: 1235.313+/-0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

+ sign 1121.546+/-0.000 χ^2/NDF : 79823269937826

All: 1138.646+/-0.000 χ^2/NDF : 15044351621

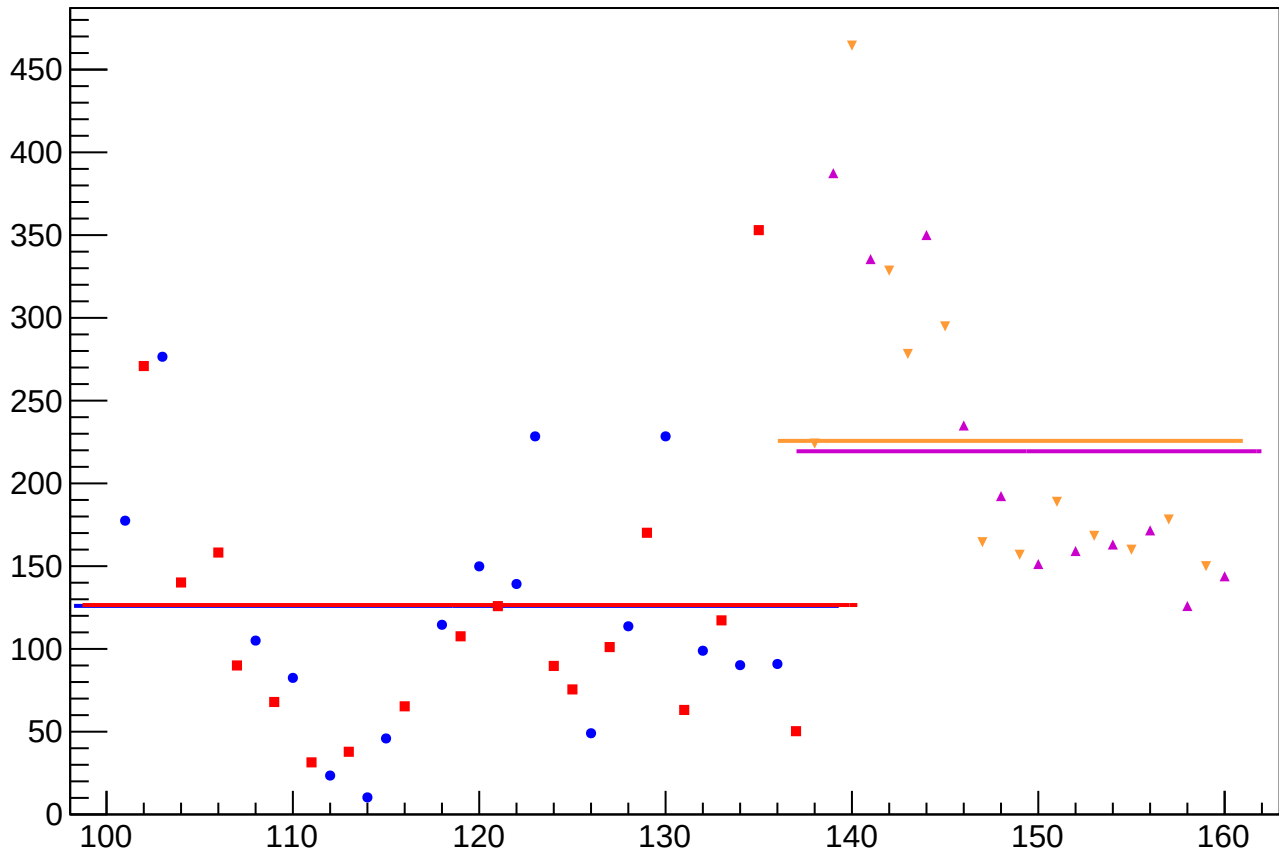
- sign 1155.279+/-0.000 χ^2/NDF : 69695601034216

dit_sam8_coil1_mean vs Slug



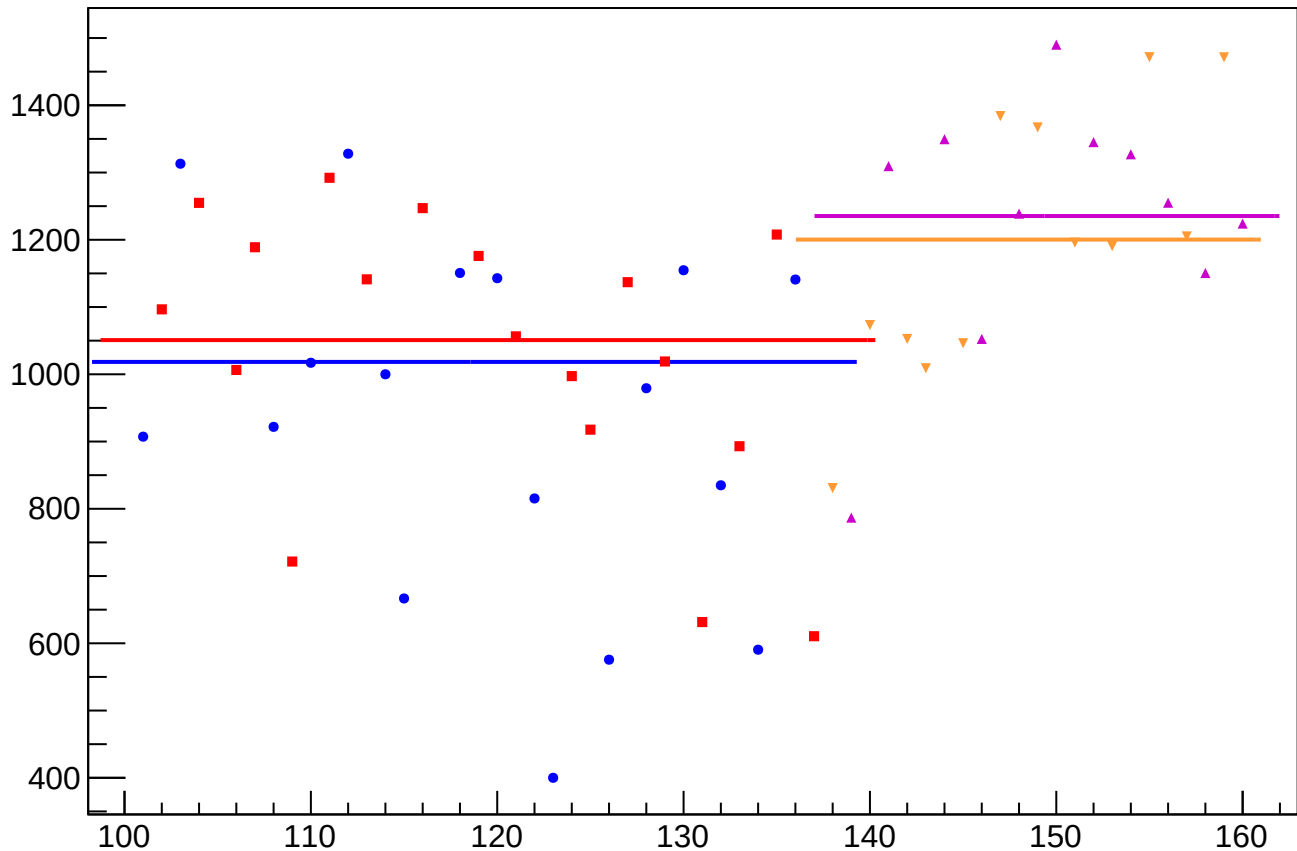
Right In: 8480.889+/-0.000 χ^2/NDF : 11499484754166446401410720405854359650304.0/16
 Left Out: 15025.757+/-0.000 χ^2/NDF : 8187740092033082050104349904869741559808.0/11
 Right Out: 7447.217+/-0.000 χ^2/NDF : 10045808642952263494281474112188504342528.0/17
 Left In: 16002.617+/-0.000 χ^2/NDF : 2475406713829870725608341548092805349376.0/10

dit_sam8_coil1_err_mean vs Slug



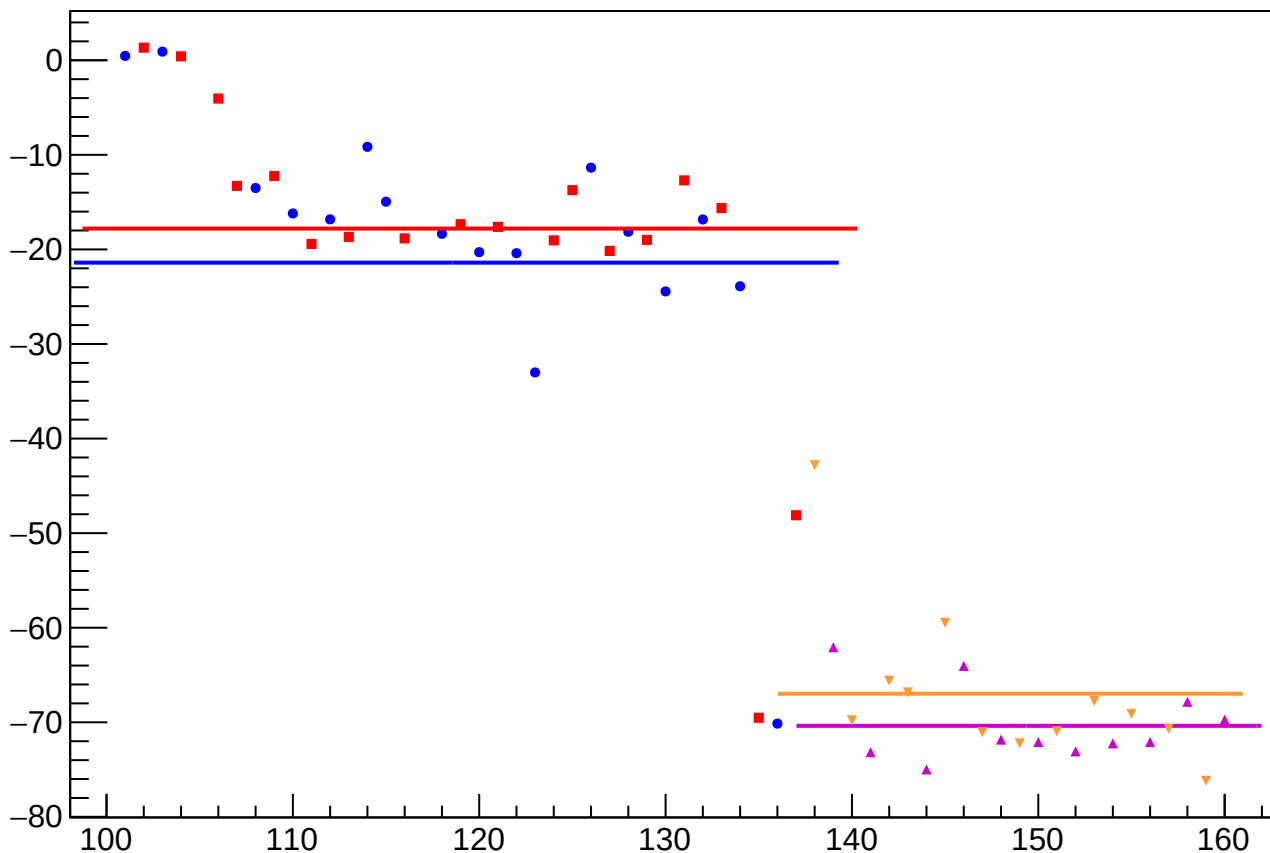
Right In: 126.005+/-0.000	χ^2/NDF : 3386025781144831306970150054630785024.0/16	+ sign 182.534+/-0.000	χ^2/NDF : 150627266969515
Left Out: 225.692+/-0.000	χ^2/NDF : 7765824995412425286122153901765427200.0/11	All: 180.799+/-0.000	χ^2/NDF : 312747858123
Right Out: 126.521+/-0.000	χ^2/NDF : 5291778643595712336156745298356469760.0/17	- sign 179.112+/-0.000	χ^2/NDF : 162025464952104
Left In: 219.416+/-0.000	χ^2/NDF : 7417643300202175953458768997657870336.0/10		

dit_sam8_coil1_Ndata_mean vs Slug



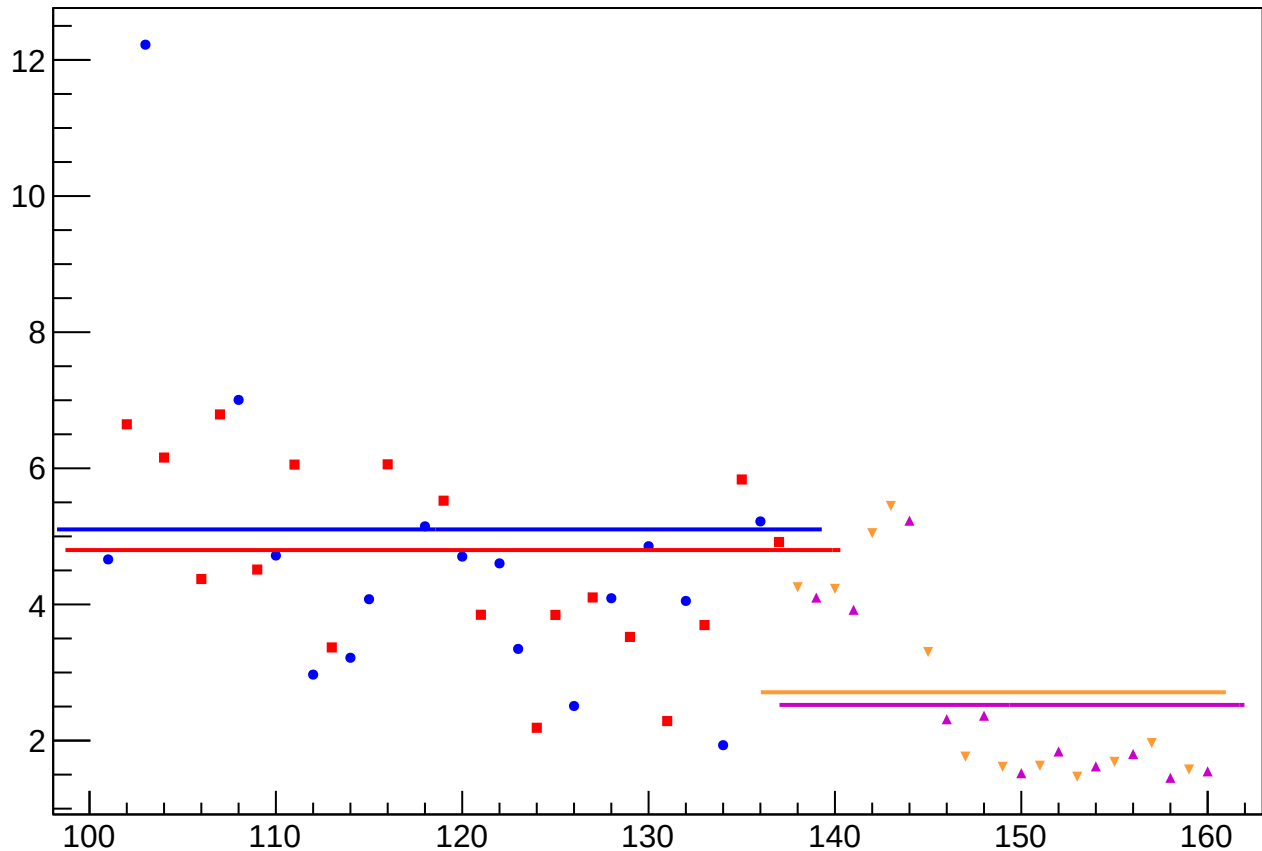
Right In: 1018.403 +/- 0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1200.293 +/- 0.000 χ^2/NDF : 34024831893478856274932660157533913088.0/11
 Right Out: 1050.842 +/- 0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: 1235.313 +/- 0.000 χ^2/NDF : 29022677529286996275047766841758842880.0/10

dit_4aX_coil3_mean vs Slug



Right In: -21.398+/-0.000	χ^2/NDF : 280536163120367747156314867523125248.0/16	+ sign -47.245+/-0.000	χ^2/NDF : 116182177719301
Left Out: -66.978+/-0.000	χ^2/NDF : 63685898995814955491327915677712384.0/11	All: -47.406+/-0.000	χ^2/NDF : 248895290027
Right Out: -17.797+/-0.000	χ^2/NDF : 194445073804421906744756784211165184.0/17	- sign -47.563+/-0.000	χ^2/NDF : 1327048913191155
Left In: -70.373+/-0.000	χ^2/NDF : 13651024036120663482420235694243840.0/10		

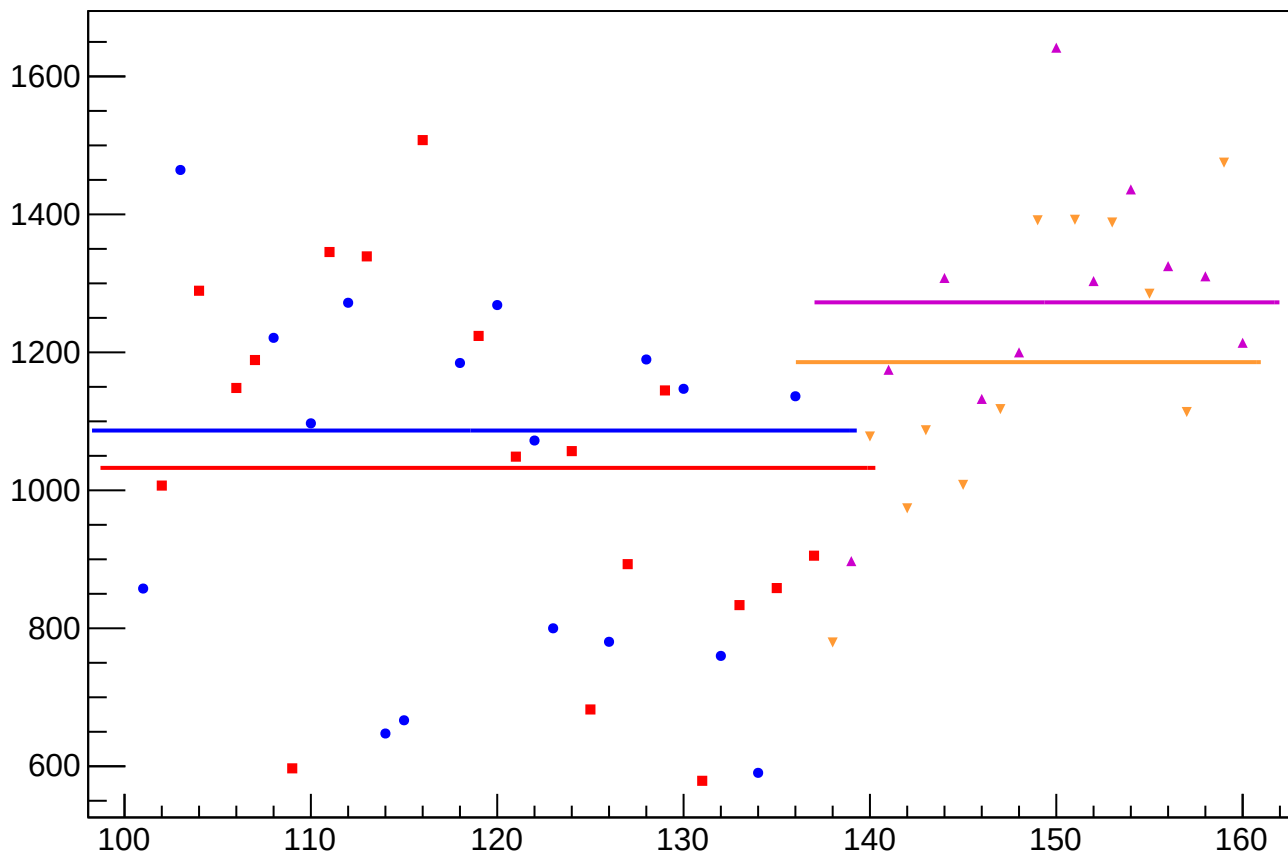
dit_4aX_coil3_err_mean vs Slug



Right In: 5.103+/-0.000 χ^2/NDF : 4048406978190508053530993177395200.0/16
 Left Out: 2.710+/-0.000 χ^2/NDF : 1774159043511346014201510128254976.0/11
 Right Out: 4.799+/-0.000 χ^2/NDF : 1271869445641912698697536291995648.0/17
 Left In: 2.524+/-0.000 χ^2/NDF : 1443854563513341294387646202642432.0/10

+ sign 3.746+/-0.000 χ^2/NDF : 80756286337442748
 All: 3.627+/-0.000 χ^2/NDF : 12931206817483
 - sign 3.511+/-0.000 χ^2/NDF : 48108129807529368

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

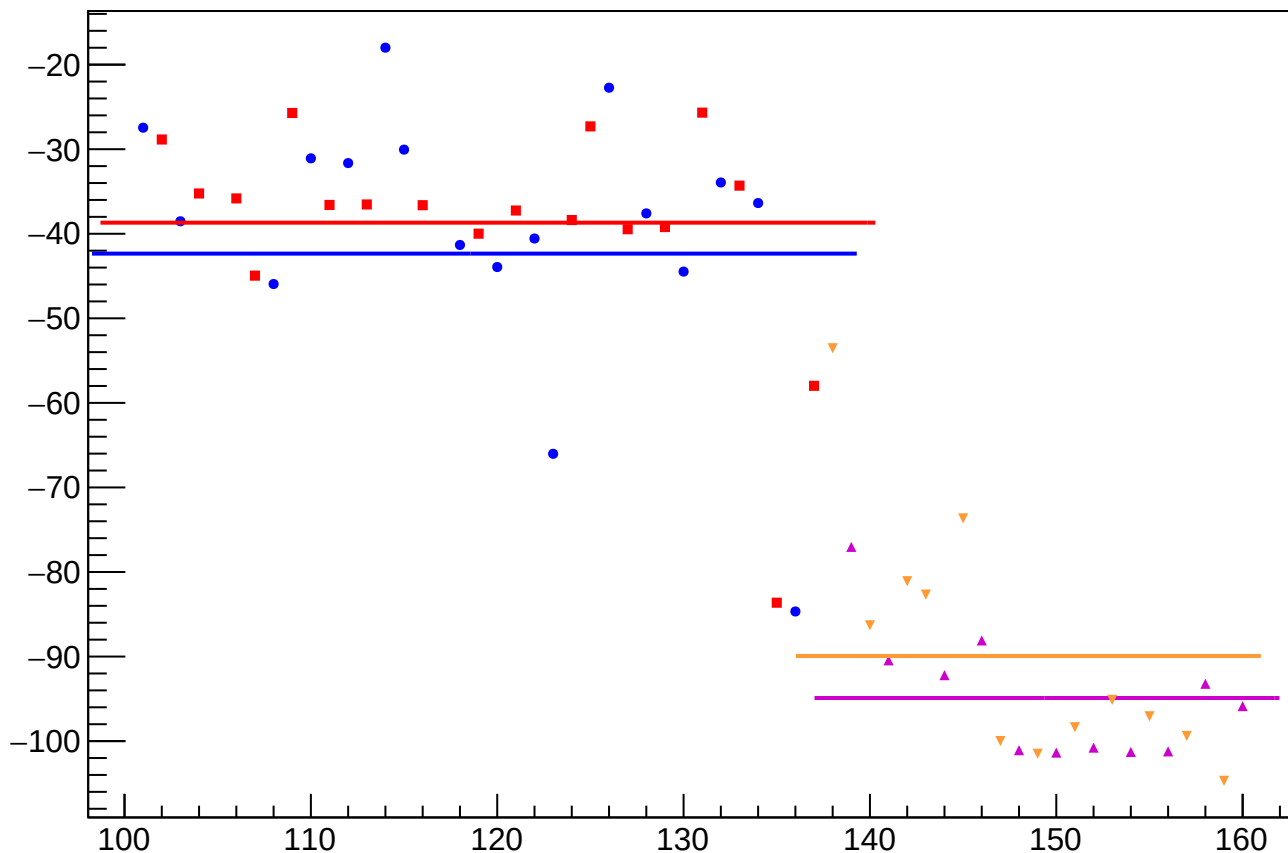
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4eX_coil3_mean vs Slug



Right In: -42.348 ± 0.000 χ^2/NDF : 214487265312366042421757259213176832.0/16

Left Out: -89.931 ± 0.000 χ^2/NDF : 187167251032127788176867775297355776.0/11

Right Out: -38.687 ± 0.000 χ^2/NDF : 132884782523479402209438367825788928.0/17

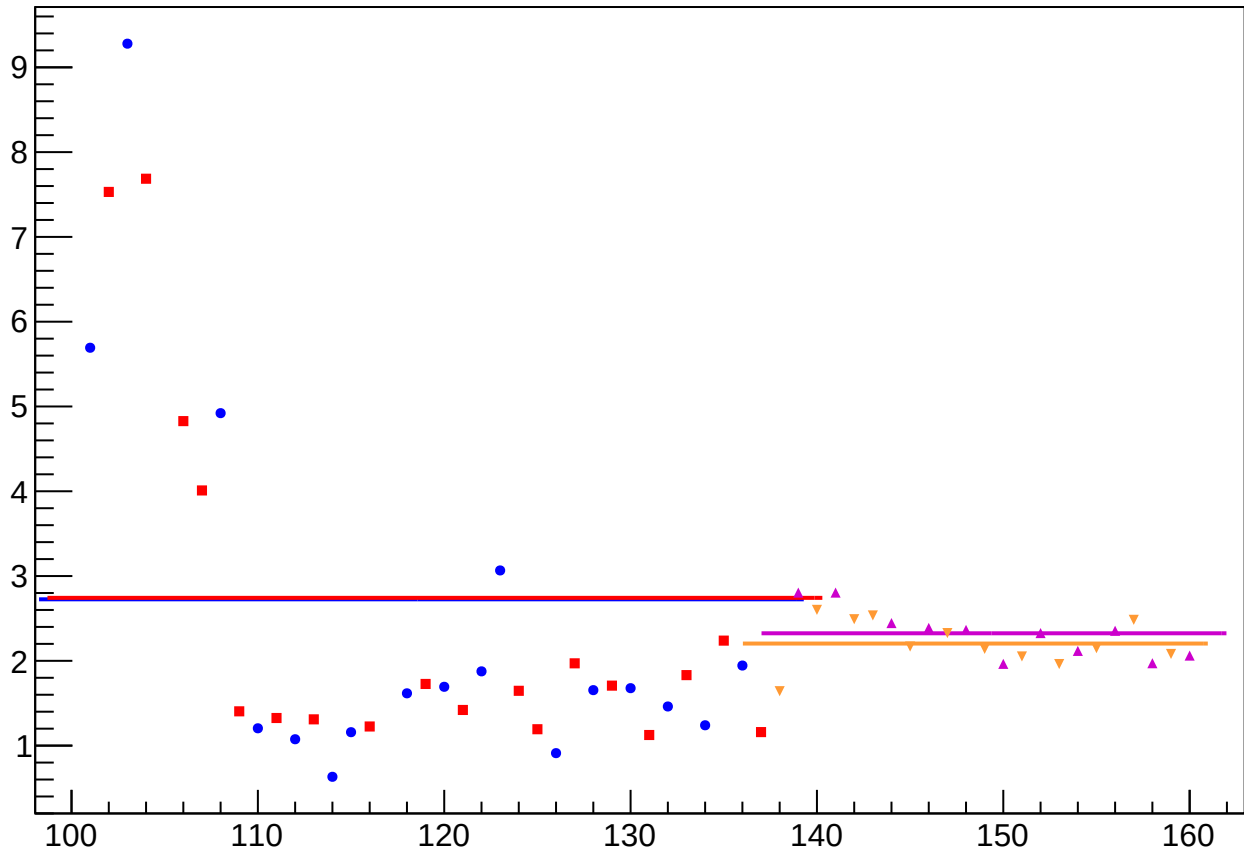
Left In: -94.901 ± 0.000 χ^2/NDF : 49160458871676913814520414202757120.0/10

+ sign -69.330 ± 0.000 χ^2/NDF : 129268674906465

All: -69.929 ± 0.000 χ^2/NDF : 275500453525

- sign -70.512 ± 0.000 χ^2/NDF : 1461182402037862

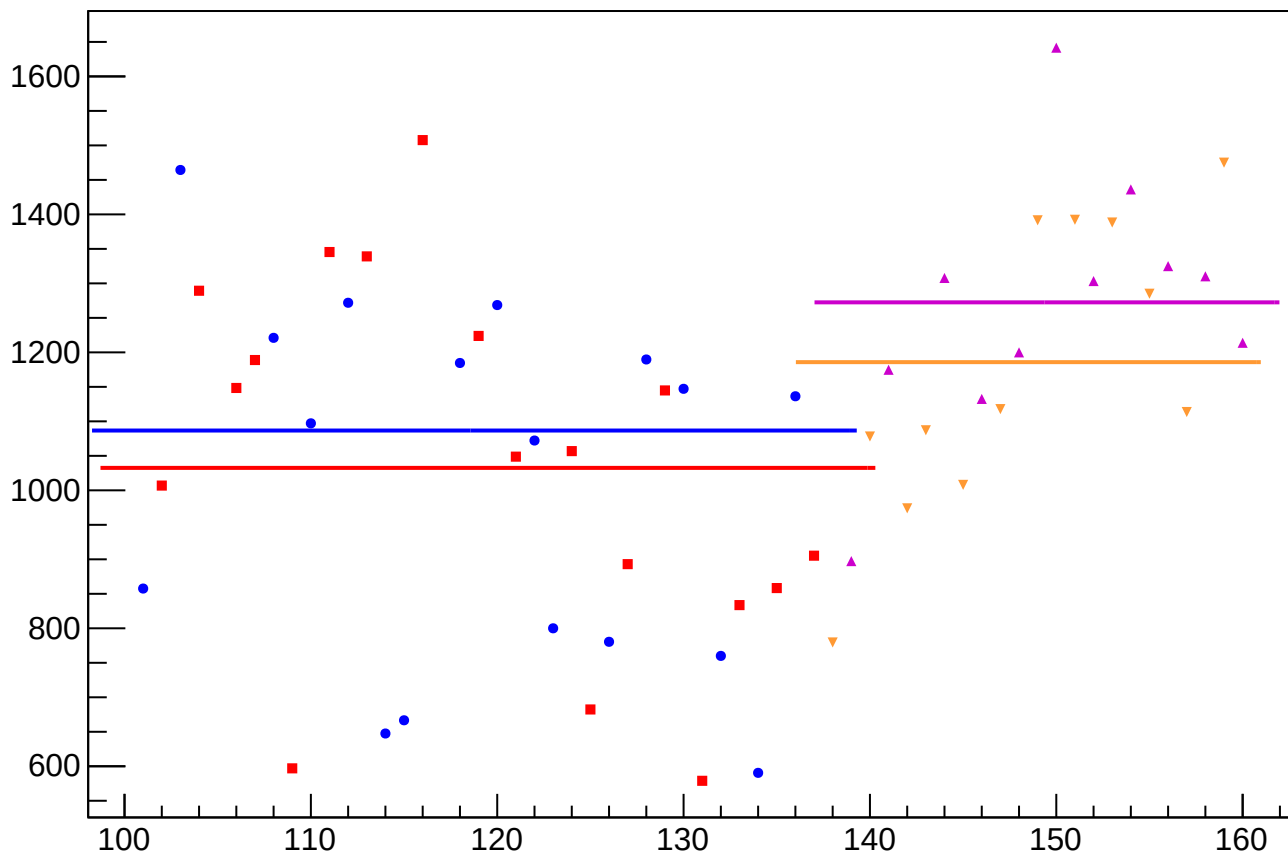
dit_4eX_coil3_err_mean vs Slug



Right In: 2.726+/-0.000	χ^2/NDF : 4086214221048218627232910568062976.0/16
Left Out: 2.204+/-0.000	χ^2/NDF : 64341762429168624767253736325120.0/11
Right Out: 2.743+/-0.000	χ^2/NDF : 3588318821230369709737363581698048.0/17
Left In: 2.325+/-0.000	χ^2/NDF : 71570259822113159465865385607168.0/10

+ sign 2.430+/-0.000 χ^2/NDF : 42576736979958561
 All: 2.468+/-0.000 χ^2/NDF : 7993038934853
 - sign 2.506+/-0.000 χ^2/NDF : 37306091214057511

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

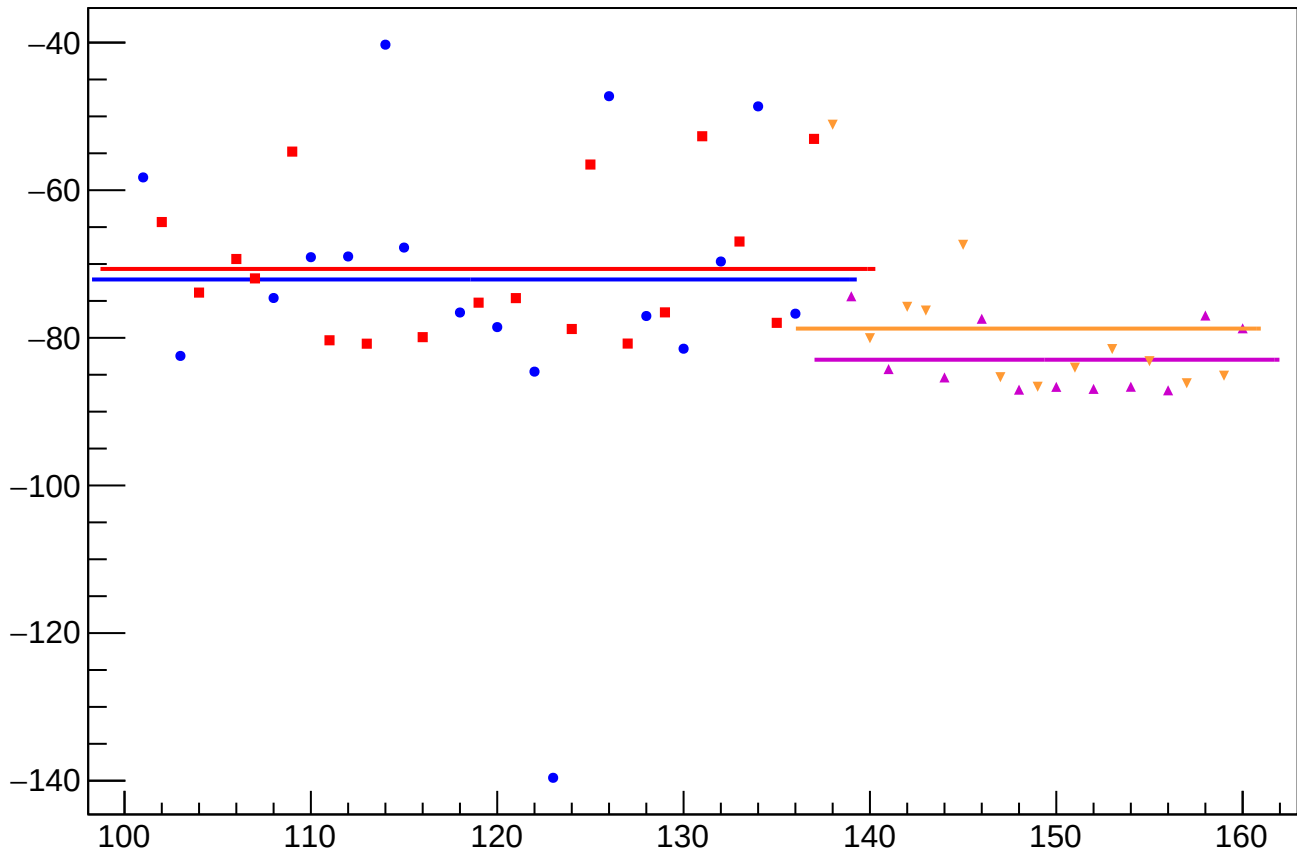
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_11X12X_coil3_mean vs Slug



Right In: -72.094 ± 0.000 χ^2/NDF : 103075229118962583323813478911705088.0/16

Left Out: -78.747 ± 0.000 χ^2/NDF : 90789525072060271629933547446337536.0/11

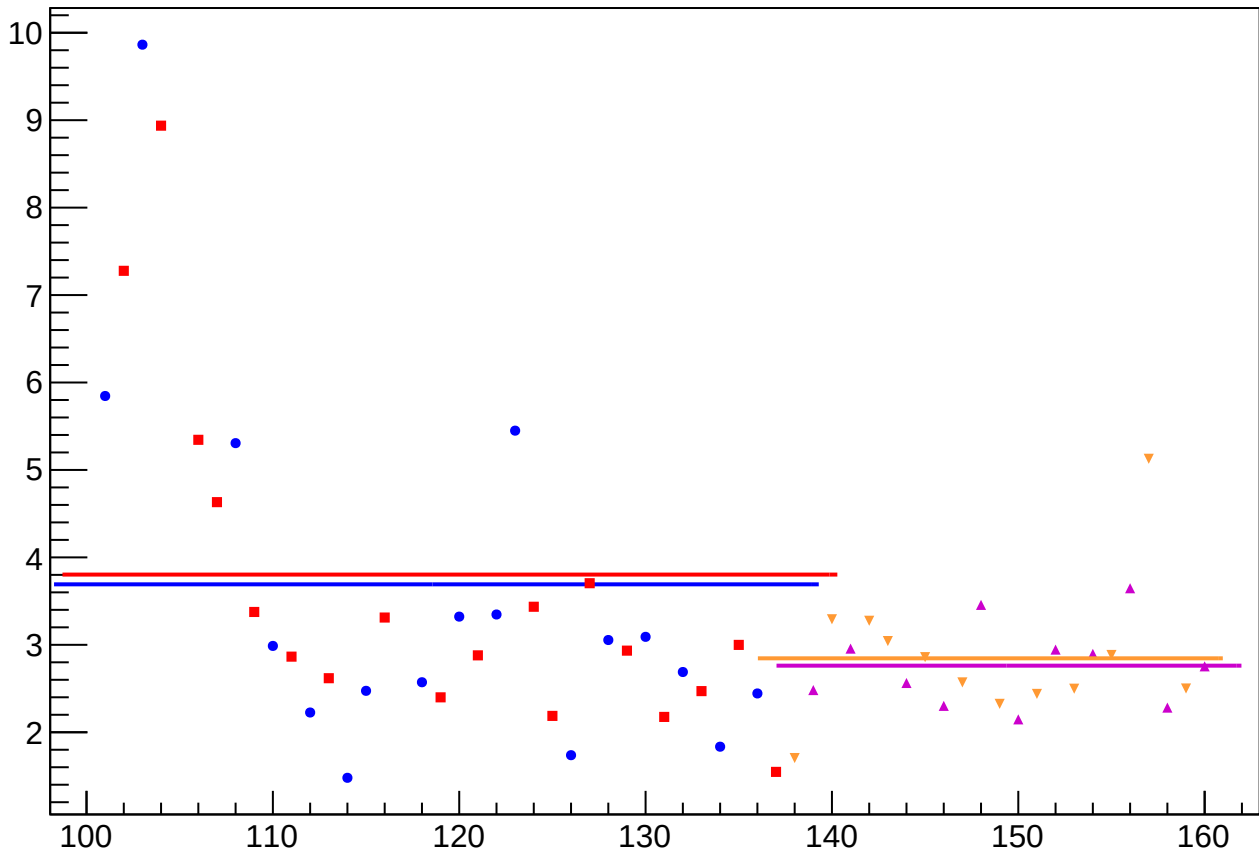
Right Out: -70.666 ± 0.000 χ^2/NDF : 63521582322355548765057214851317760.0/17

Left In: -82.966 ± 0.000 χ^2/NDF : 20132204805005576765090308057726976.0/10

All: -76.760 ± 0.000 χ^2/NDF : 358703515544

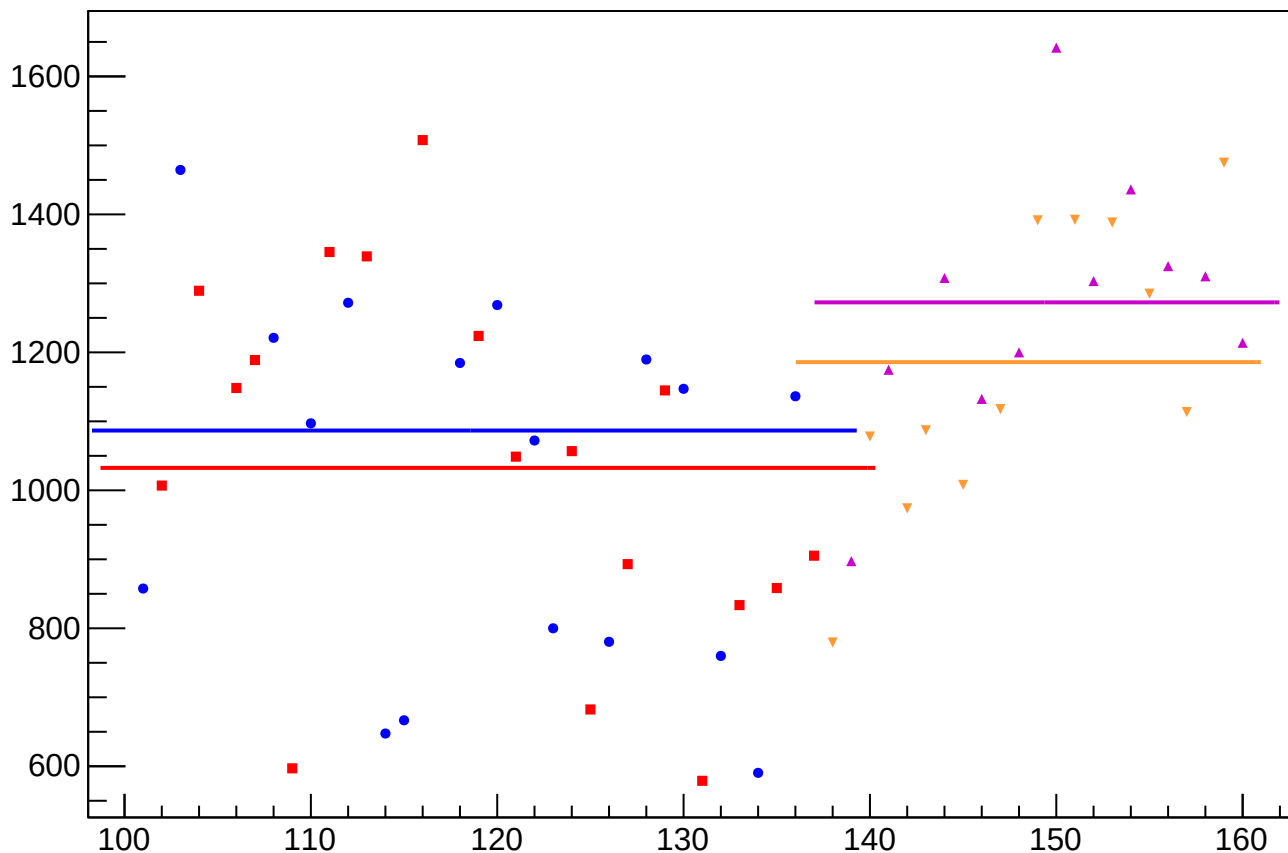
- sign -77.629 ± 0.000 χ^2/NDF : 1448931299634330

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.692 $\pm$ 0.000 χ^2 /NDF: 3355971788555014480502828790972416.0/16
 Left Out: 2.846 $\pm$ 0.000 χ^2 /NDF: 575629369641168831235561749479424.0/11
 Right Out: 3.803 $\pm$ 0.000 χ^2 /NDF: 2825063553426013260614294392799232.0/17
 Left In: 2.762 $\pm$ 0.000 χ^2 /NDF: 191371961737300564635223748247552.0/10
 All: 3.213 $\pm$ 0.000 χ^2 /NDF: 76690190416111.0/40
 + sign 3.212 $\pm$ 0.000 χ^2 /NDF: 42133946790033847.0/39
 - sign 3.214 $\pm$ 0.000 χ^2 /NDF: 34556220325134499.0/39

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

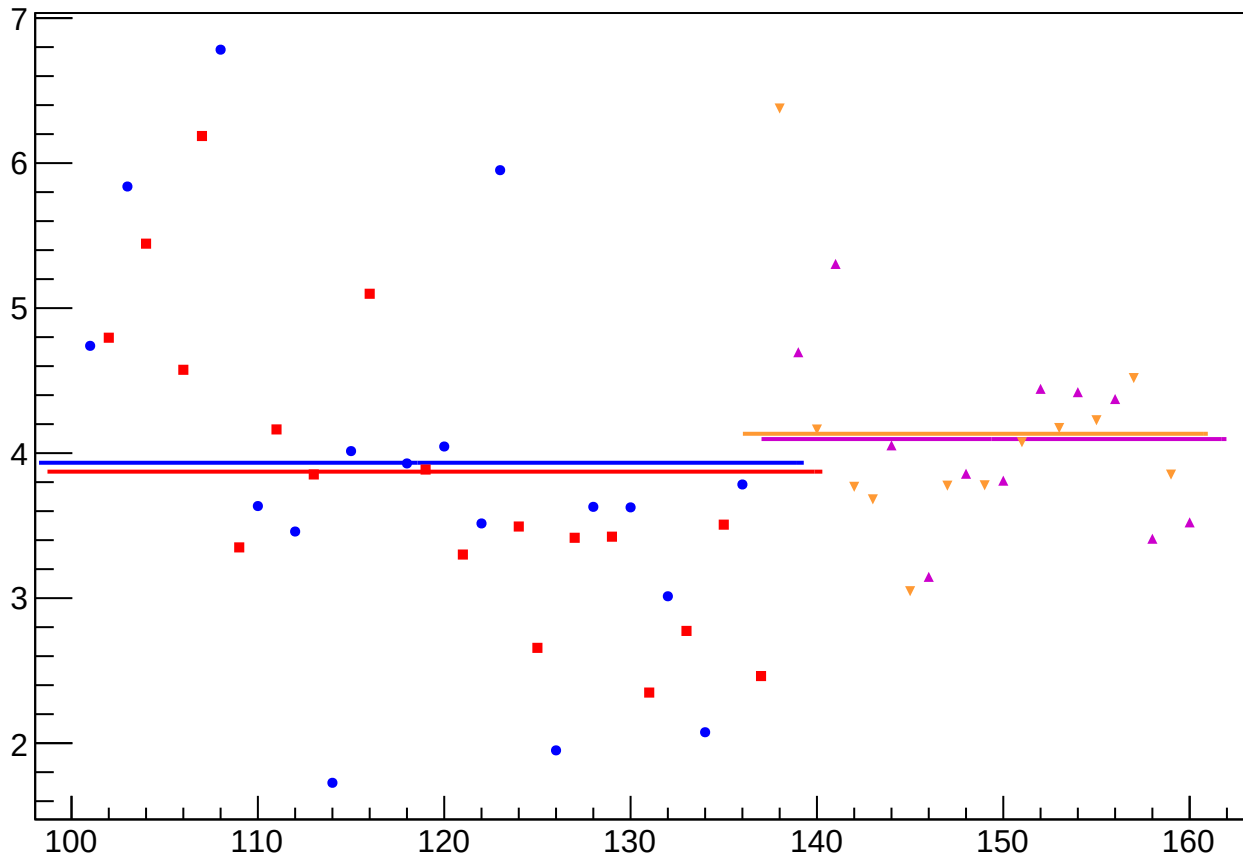
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4aY_coil3_mean vs Slug



Right In: 3.934 ± 0.000 χ^2/NDF : 937288717449166058748009299050496.0/16

Left Out: 4.134 ± 0.000 χ^2/NDF : 543238329499438777000735270764544.0/11

Right Out: 3.872 ± 0.000 χ^2/NDF : 707048075514761321683781922324480.0/17

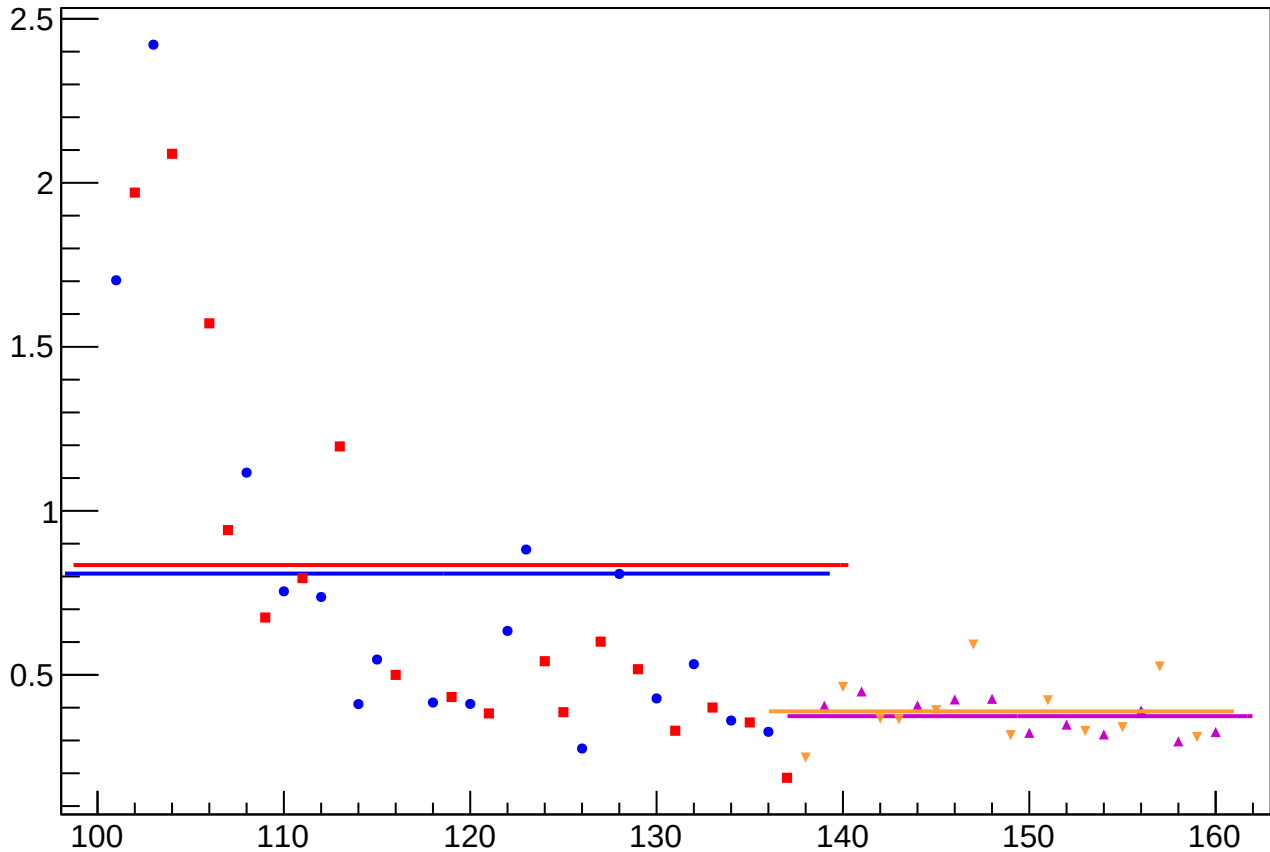
Left In: 4.097 ± 0.000 χ^2/NDF : 331914558071256071482746481934336.0/10

+ sign 4.047 ± 0.000 χ^2/NDF : 14962391915928441

All: 4.023 ± 0.000 χ^2/NDF : 2557473557833

- sign 4.000 ± 0.000 χ^2/NDF : 10594005654132572

dit_4aY_coil3_err_mean vs Slug



Right In: 0.809 $\pm$ 0.000 χ^2 /NDF: 269169890346681229126320544284672.0/16

Left Out: 0.389 $\pm$ 0.000 χ^2 /NDF: 8197684990804317089776046964736.0/11

Right Out: 0.835 $\pm$ 0.000 χ^2 /NDF: 250373306610542576736300880101376.0/17

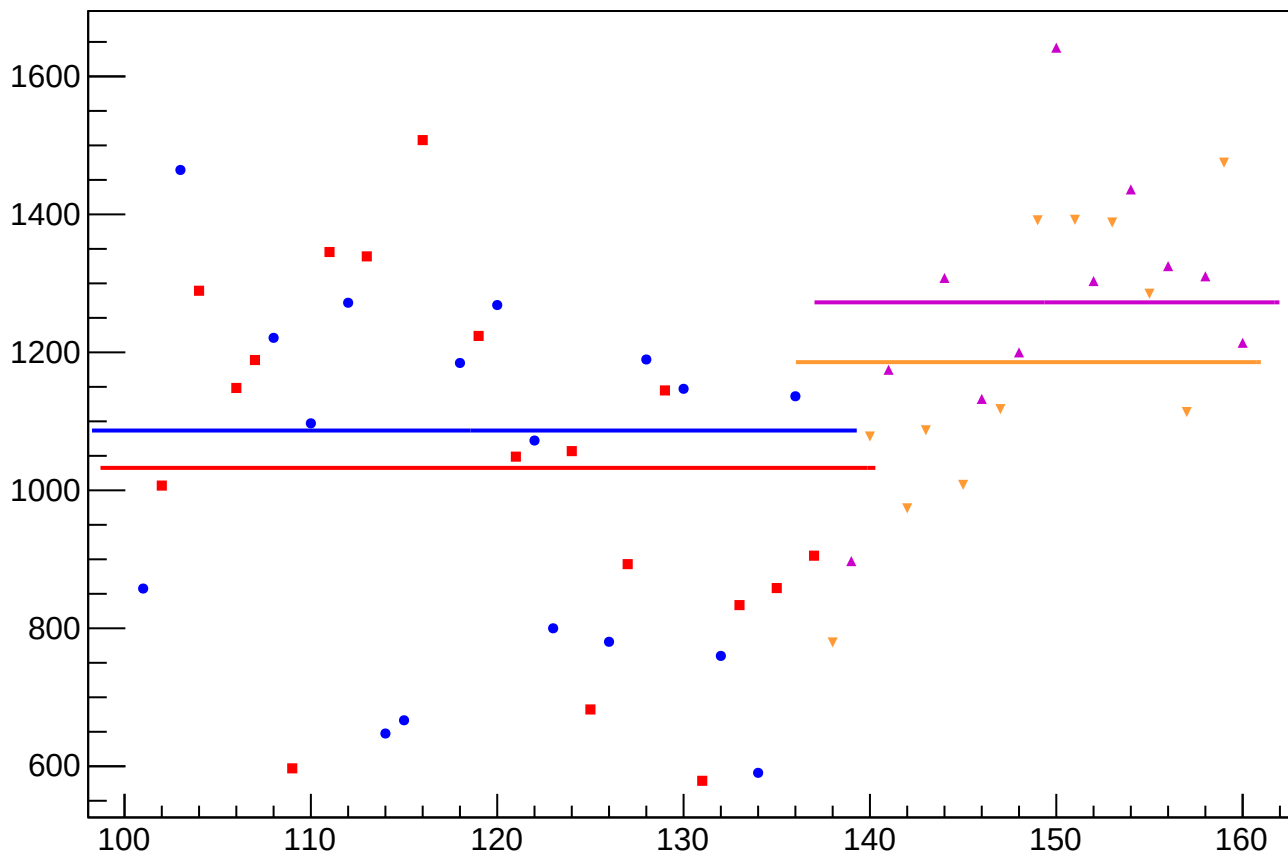
Left In: 0.374 $\pm$ 0.000 χ^2 /NDF: 2379461607366055456140660047872.0/10

+ sign 0.571 $\pm$ 0.000 χ^2 /NDF: 34677222065993079

All: 0.572 $\pm$ 0.000 χ^2 /NDF: 68546068208977

- sign 0.574 $\pm$ 0.000 χ^2 /NDF: 33867954754291424

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16

Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11

Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17

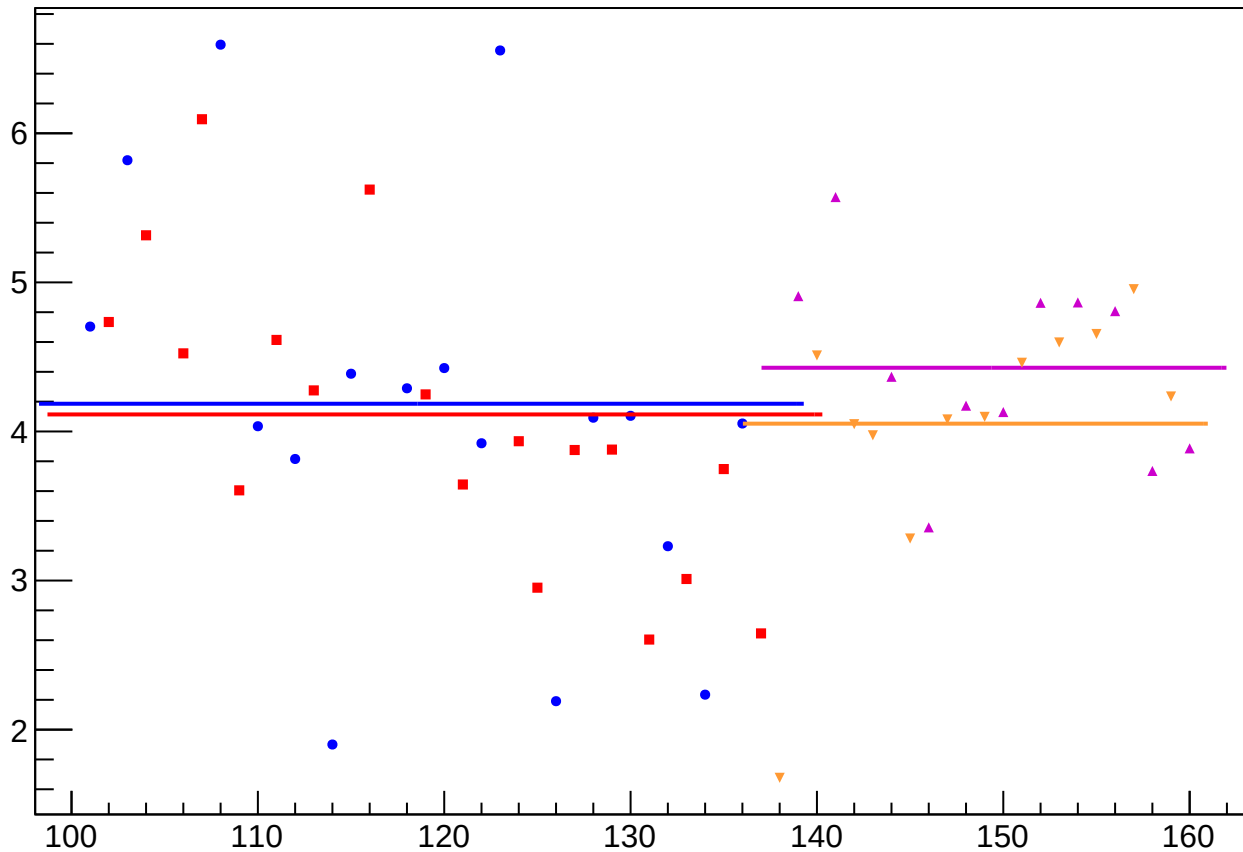
Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

+ sign 1142.906 $\pm$ 0.000 χ^2 /NDF: 76037619994785

All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682

- sign 1168.390 $\pm$ 0.000 χ^2 /NDF: 10079953084874

dit_4eY_coil3_mean vs Slug



Right In: 4.186 $\pm$ 0.000 χ^2 /NDF: 774445398310846770950220892078080.0/16

Left Out: 4.052 $\pm$ 0.000 χ^2 /NDF: 634098515145798855261076427112448.0/11

Right Out: 4.114 $\pm$ 0.000 χ^2 /NDF: 573990867601521273238766982529024.0/17

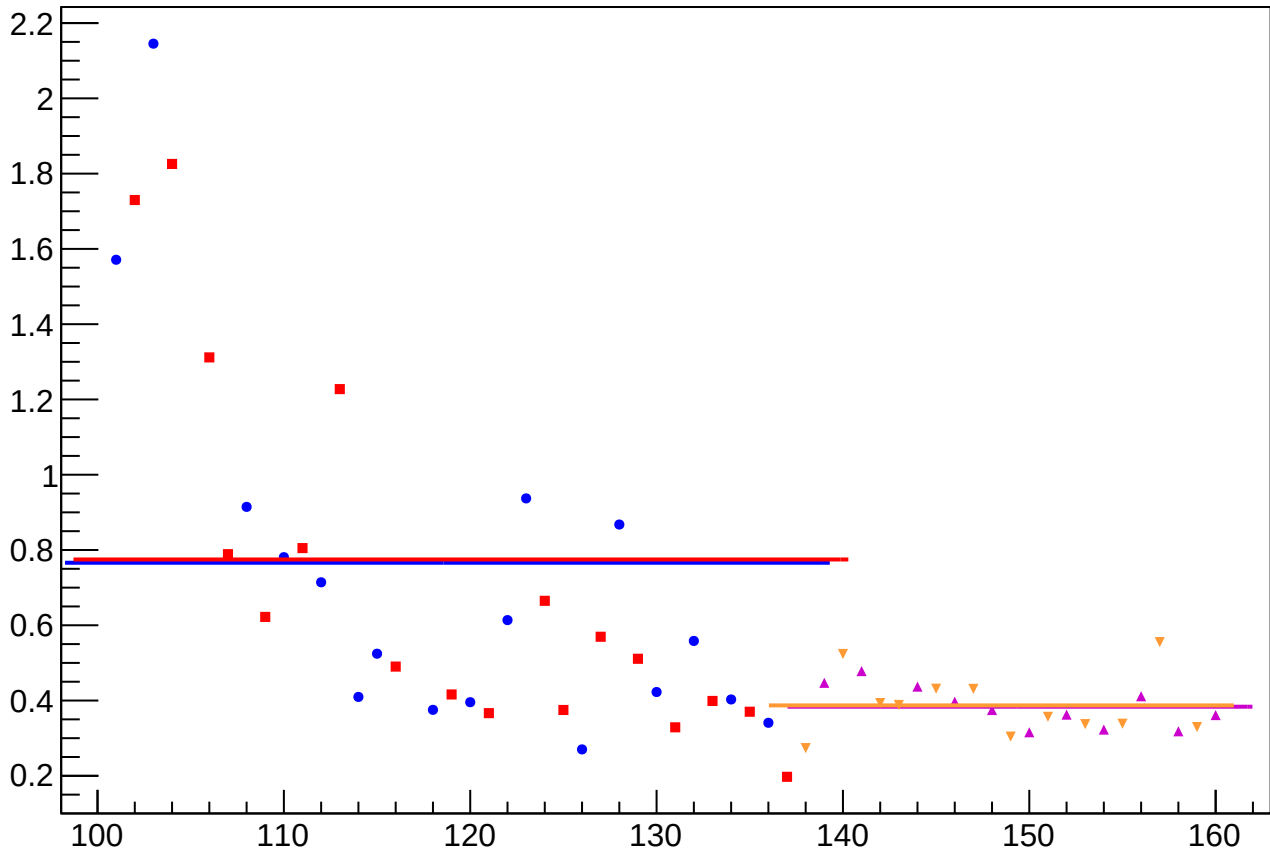
Left In: 4.427 $\pm$ 0.000 χ^2 /NDF: 347229155799314771034943134892032.0/10

+ sign 4.110 $\pm$ 0.000 χ^2 /NDF: 14155619679795147

All: 4.202 $\pm$ 0.000 χ^2 /NDF: 24031632515753

- sign 4.292 $\pm$ 0.000 χ^2 /NDF: 96089553826186659

dit_4eY_coil3_err_mean vs Slug



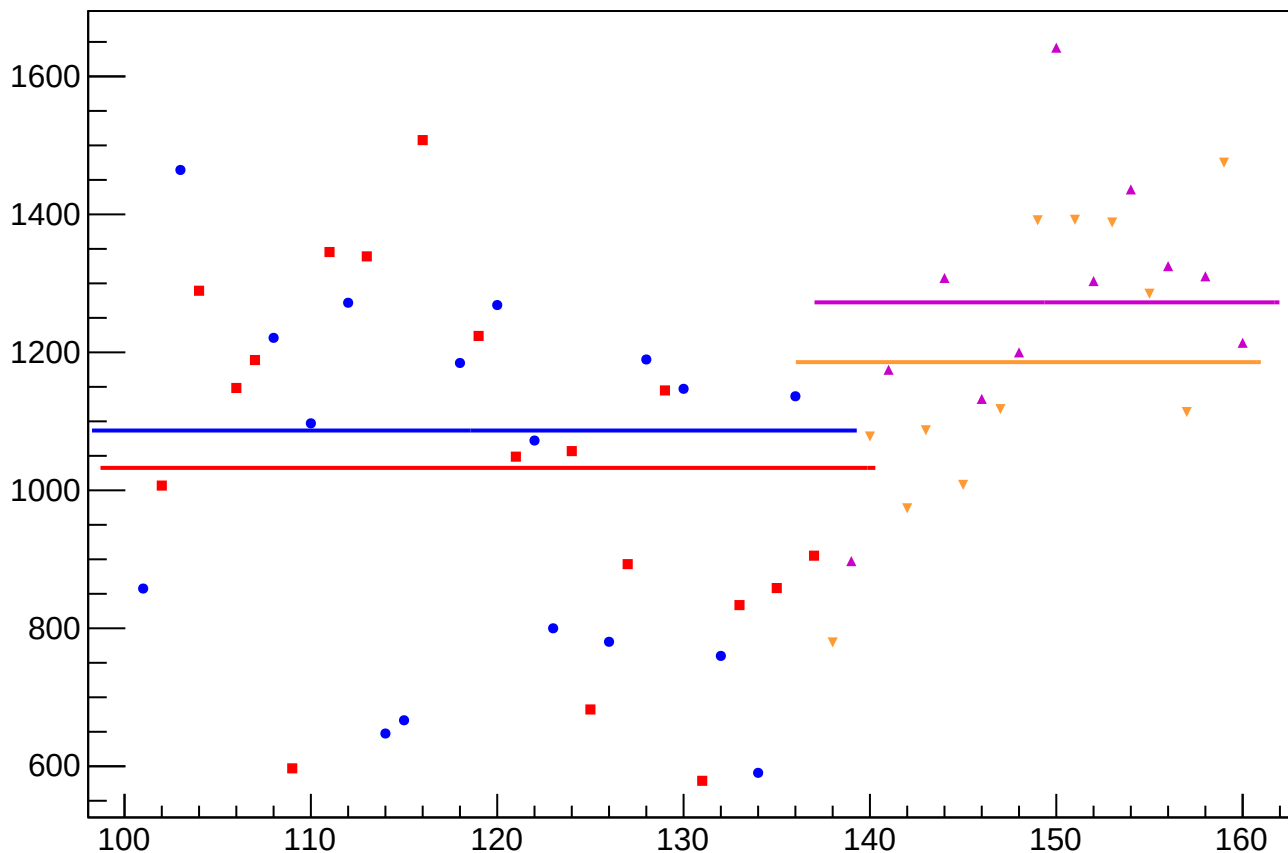
Right In: 0.766 $\pm$ 0.000 χ^2 /NDF: 204784790719097578994787197911040.0/16

Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF: 6246545374867762879189246541824.0/11

Right Out: 0.775 $\pm$ 0.000 χ^2 /NDF: 182293178606852047340817164009472.0/17

Left In: 0.384 $\pm$ 0.000 χ^2 /NDF: 2598634848541931497775565897728.0/10

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

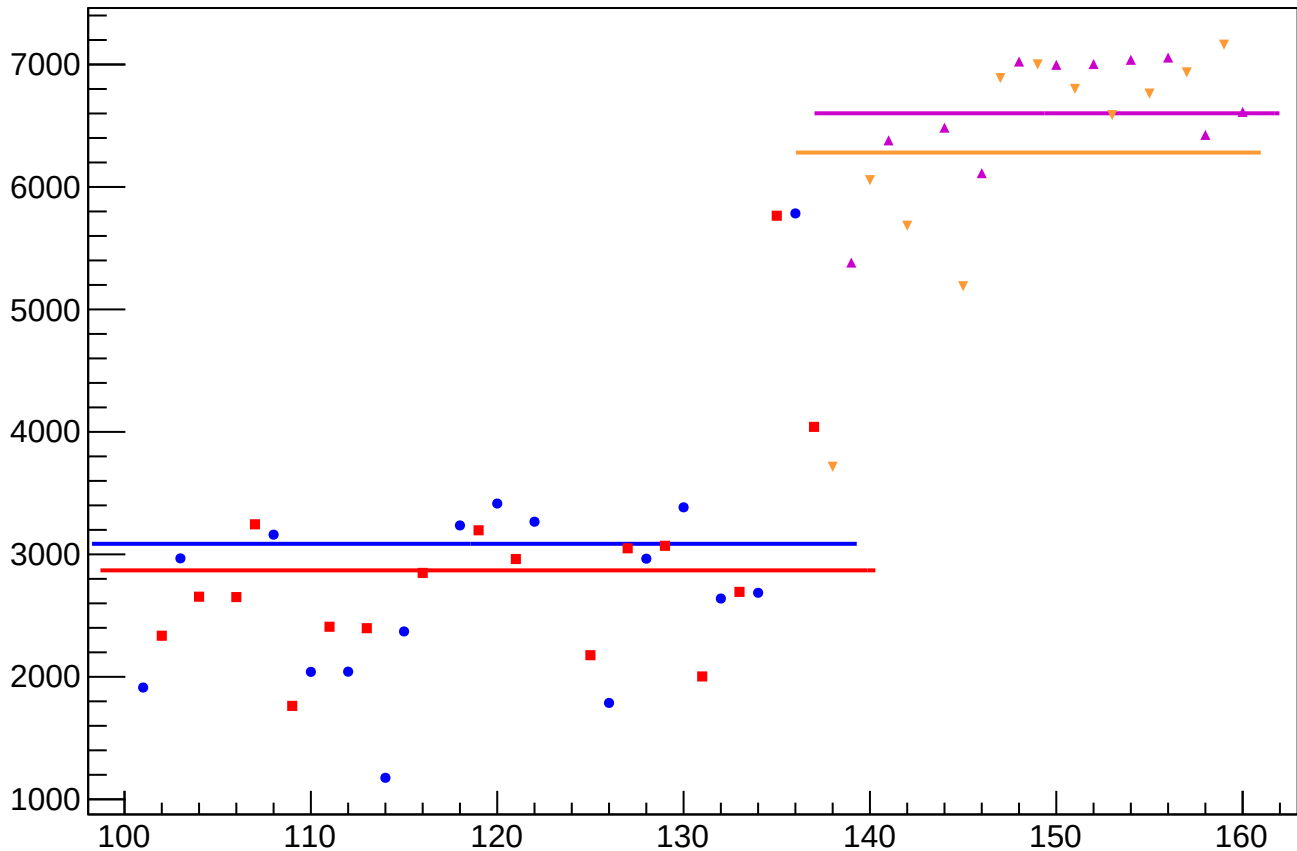
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

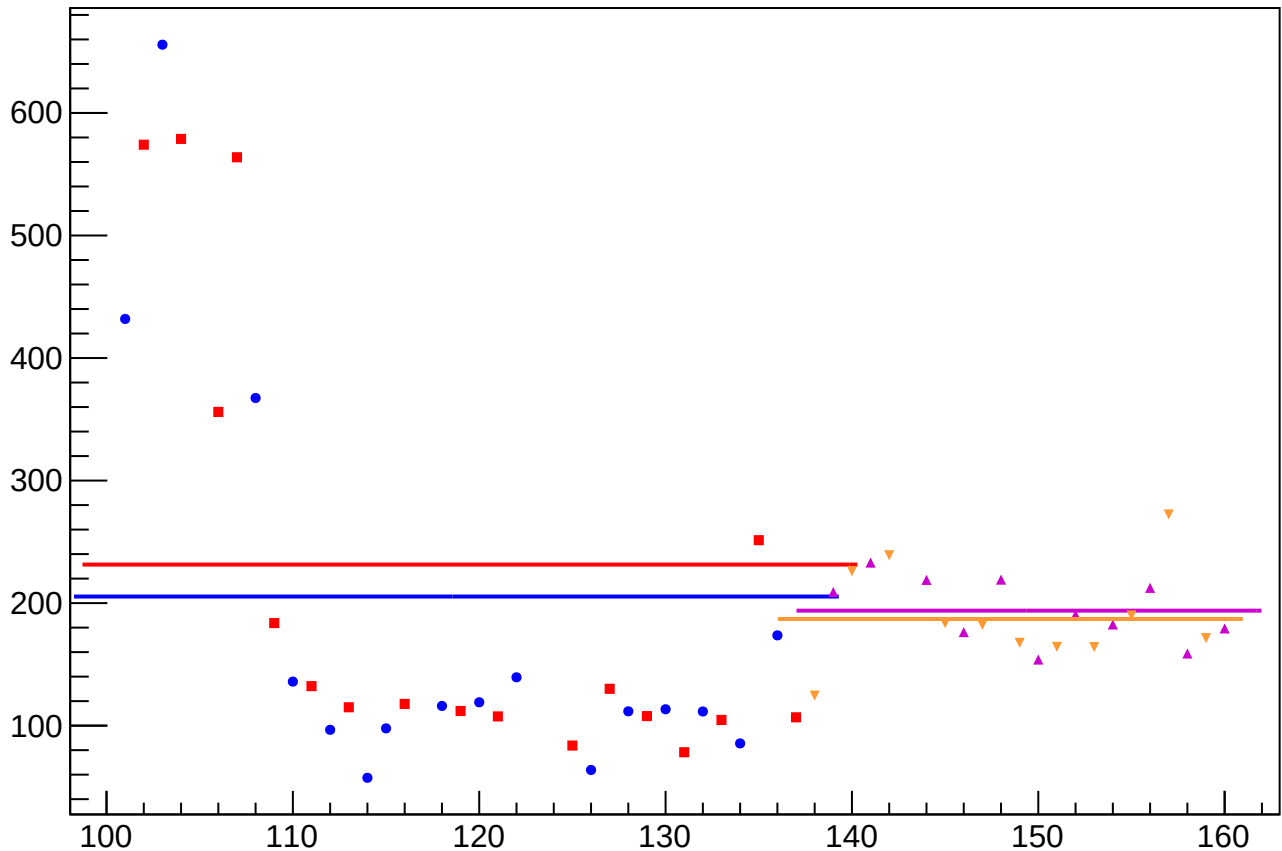
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_usl_coil3_mean vs Slug



Right In: 3086.294+/-0.000 χ^2/NDF : 957872647656521012418983150086021709824.0/15
 Left Out: 6281.054+/-0.000 χ^2/NDF : 840424812990698239150116446510170243072.0/10
 Right Out: 2869.332+/-0.000 χ^2/NDF : 591237562305543847323062569482235936768.0/16
 Left In: 6601.570+/-0.000 χ^2/NDF : 224954235143433170053737939603445252096.0/10

dit_usl_coil3_err_mean vs Slug



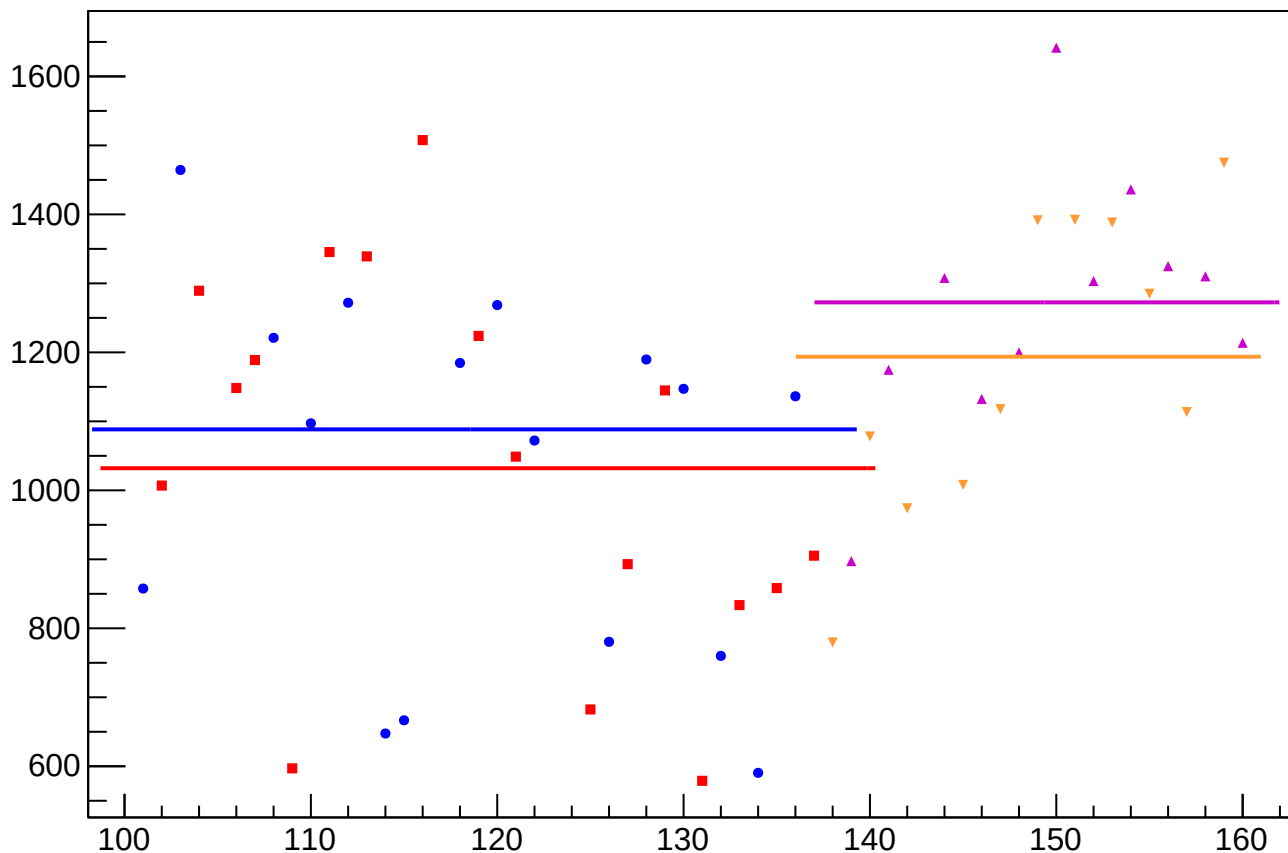
Right In: 205.364+/-0.000	χ^2/NDF : 20493668782682953984090808657754718208.0/15
Left Out: 187.052+/-0.000	χ^2/NDF : 1231111224909573231836373521014980608.0/10
Right Out: 231.450+/-0.000	χ^2/NDF : 23996601891457376807935240829130506240.0/16
Left In: 193.848+/-0.000	χ^2/NDF : 586629985939156798428558842319077376.0/10

+ sign 195.300+/-0.000 χ^2/NDF : 218519570104929

All: 202.876+/-0.000 χ^2/NDF : 471715213399

- sign 209.980+/-0.000 χ^2/NDF : 251491725465213

dit_usl_coil3_Ndata_mean vs Slug



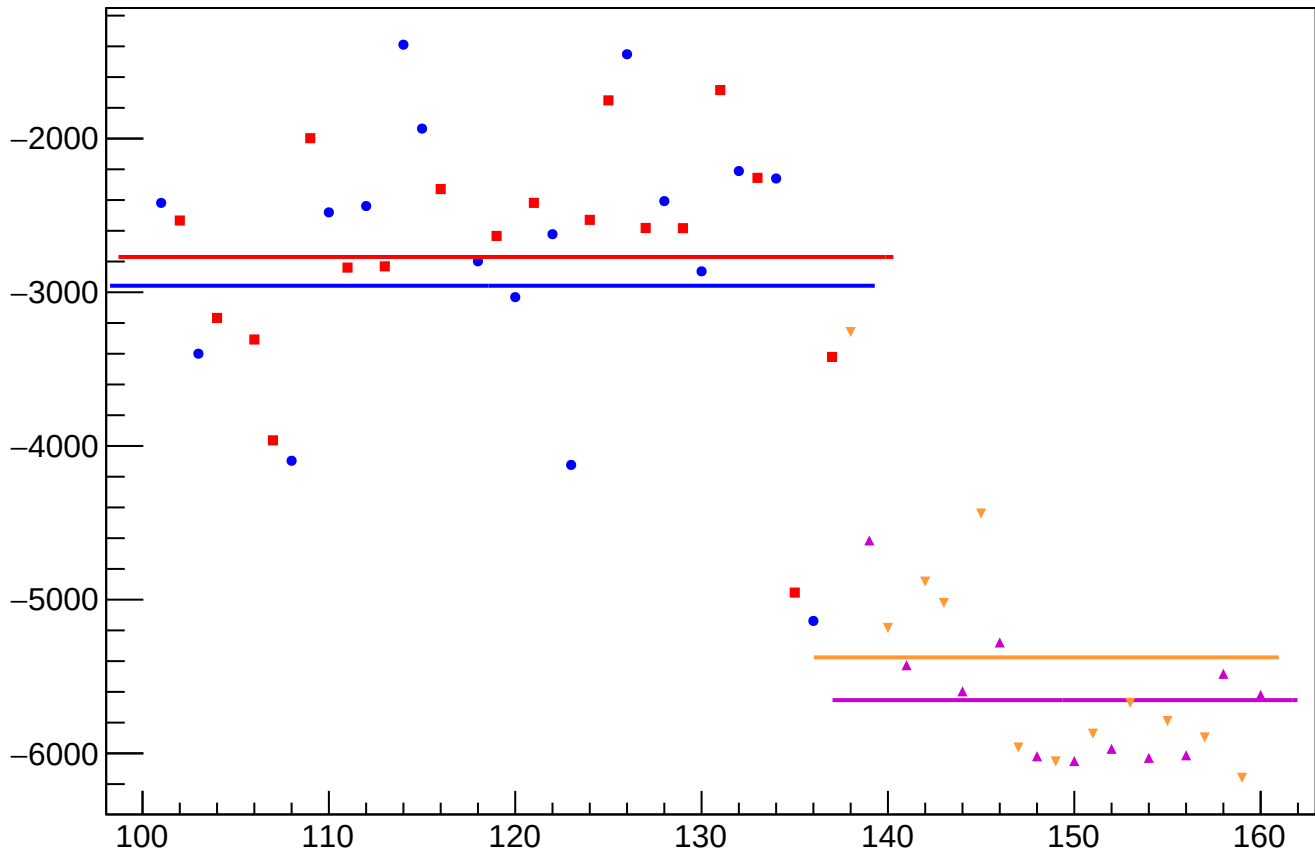
Right In: 1088.357+/-0.000 χ^2/NDF : 34282153777351983771685586546357960704.0/15

Left Out: 1193.682+/-0.000 χ^2/NDF : 36852151008799488295542377563587346432.0/10

Right Out: 1032.058+/-0.000 χ^2/NDF : 47606445983736508238206731798200713216.0/16

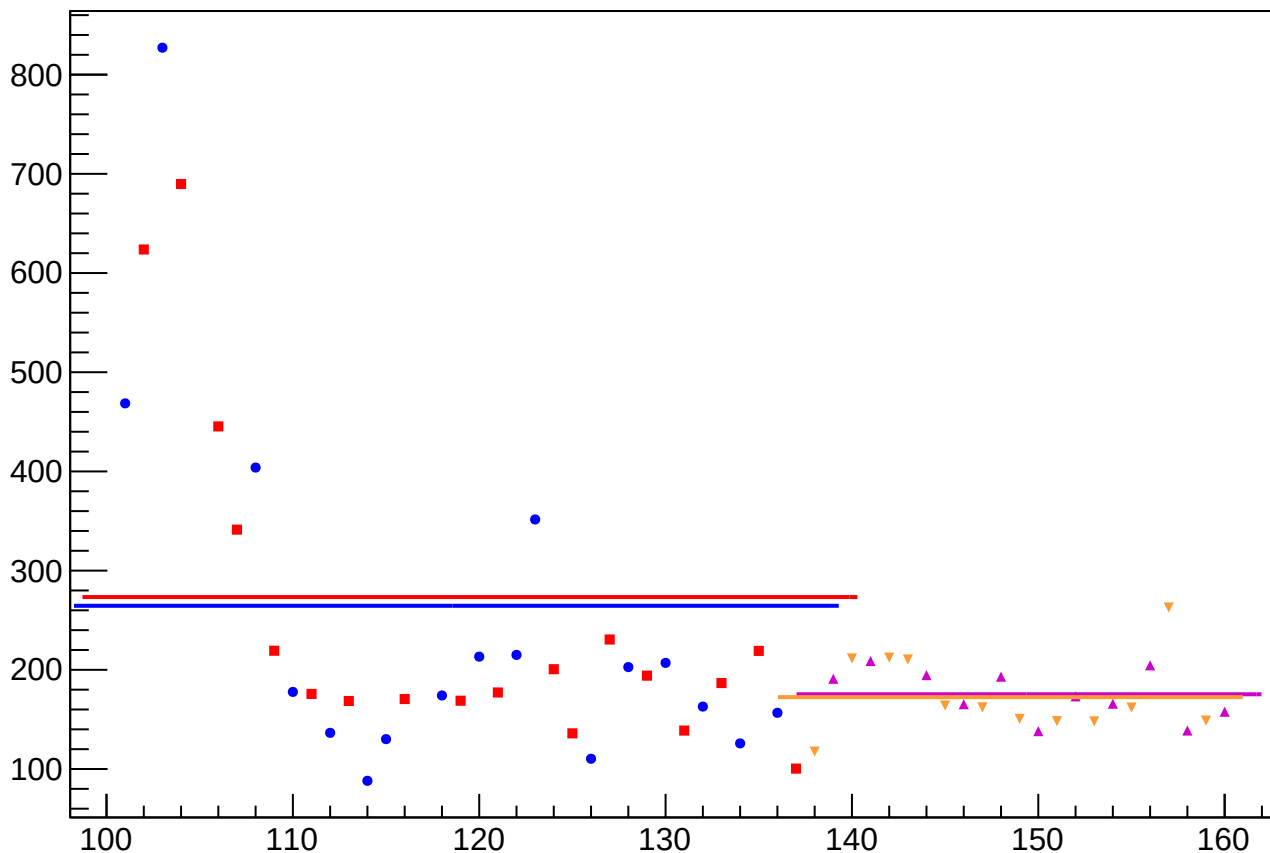
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_usr_coil3_mean vs Slug



Right In: -2957.567+/-0.000 χ^2/NDF : 713909426456610215881026852236843548672.0/16
 Left Out: -5375.695+/-0.000 χ^2/NDF : 614970411401357250704026120645020483584.0/11
 Right Out: -2770.253+/-0.000 χ^2/NDF : 445434357481765841936850386629712412672.0/17
 Left In: -5653.693+/-0.000 χ^2/NDF : 163388727247640022745164219494657163264.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 264.557 $\pm$ 0.000 χ^2/NDF : 27392235444982313348552279916984401920.0/16

Left Out: 172.461 $\pm$ 0.000 χ^2/NDF : 1337859782705403198008239582328389632.0/11

Right Out: 273.375 $\pm$ 0.000 χ^2/NDF : 22103440288407609769259099140296540160.0/17

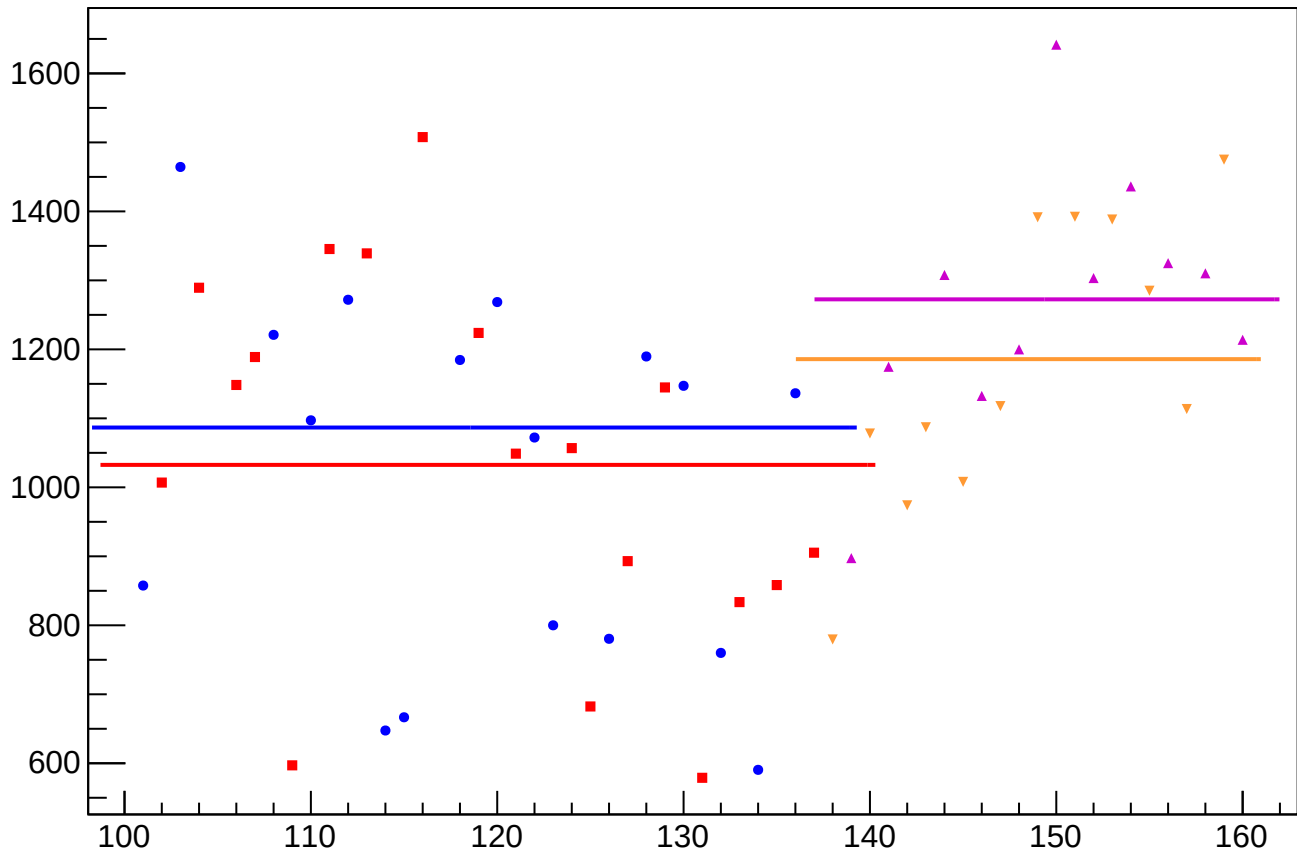
Left In: 175.349 $\pm$ 0.000 χ^2/NDF : 519457890651720785160381502035329024.0/10

+ sign 212.333 $\pm$ 0.000 χ^2/NDF : 320679849131950

All: 215.144 $\pm$ 0.000 χ^2/NDF : 586055091249

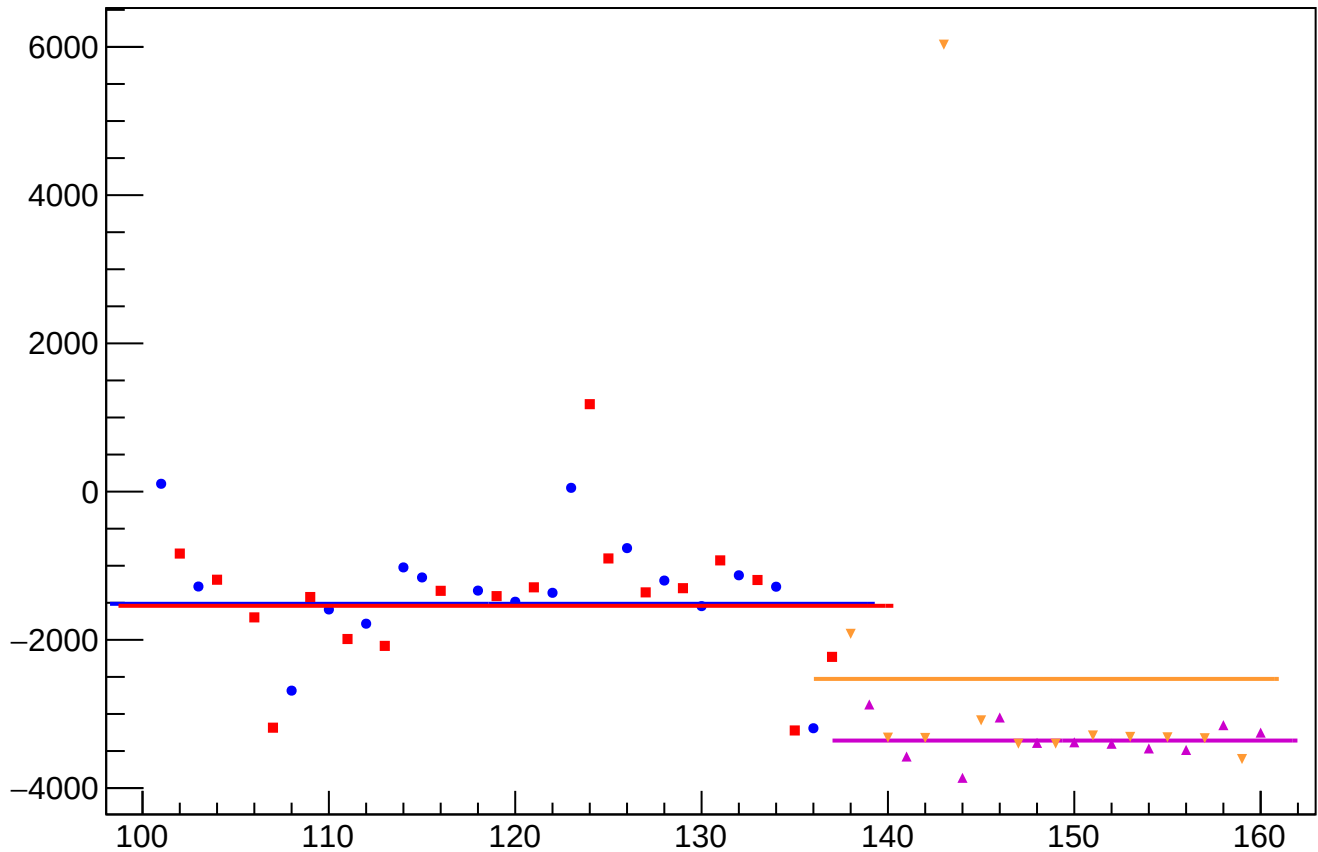
- sign 217.879 $\pm$ 0.000 χ^2/NDF : 265125315642352

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

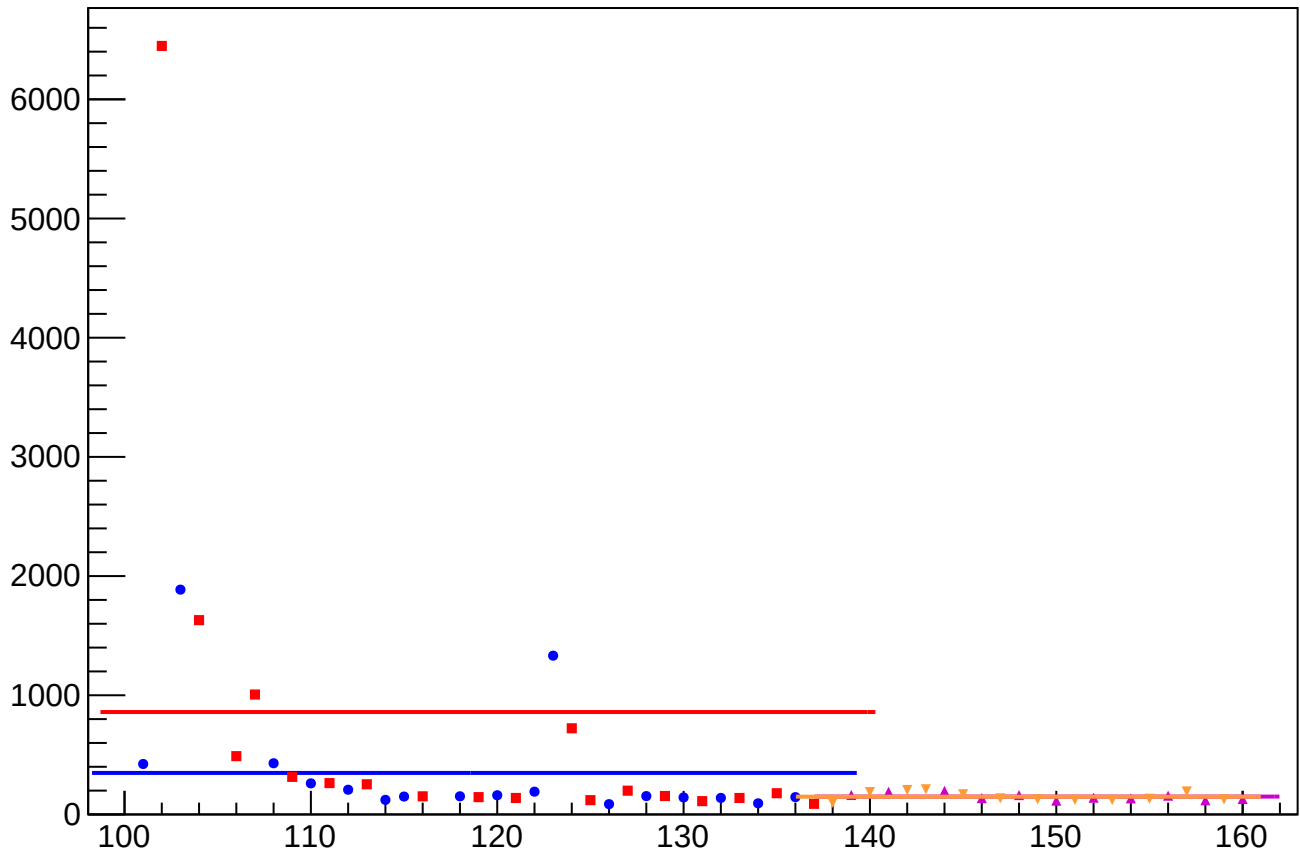
dit_atl1_coil3_mean vs Slug



Right In: -1513.653+/-0.000	χ^2/NDF : 514234912482757513557339366977389461504.0/16
Left Out: -2527.006+/-0.000	χ^2/NDF : 5451232990455416155360910698566211600384.0/11
Right Out: -1540.621+/-0.000	χ^2/NDF : 446199417852057016559160819528574697472.0/17
Left In: -3358.797+/-0.000	χ^2/NDF : 60700995686323483961460541092630888448.0/10

+ sign -2088.287+/-0.000 χ^2/NDF : 6369588891133
 All: -2332.459+/-0.000 χ^2/NDF : 8403164057
 - sign -2569.964+/-0.000 χ^2/NDF : 18450423697214

dit_atl1_coil3_err_mean vs Slug



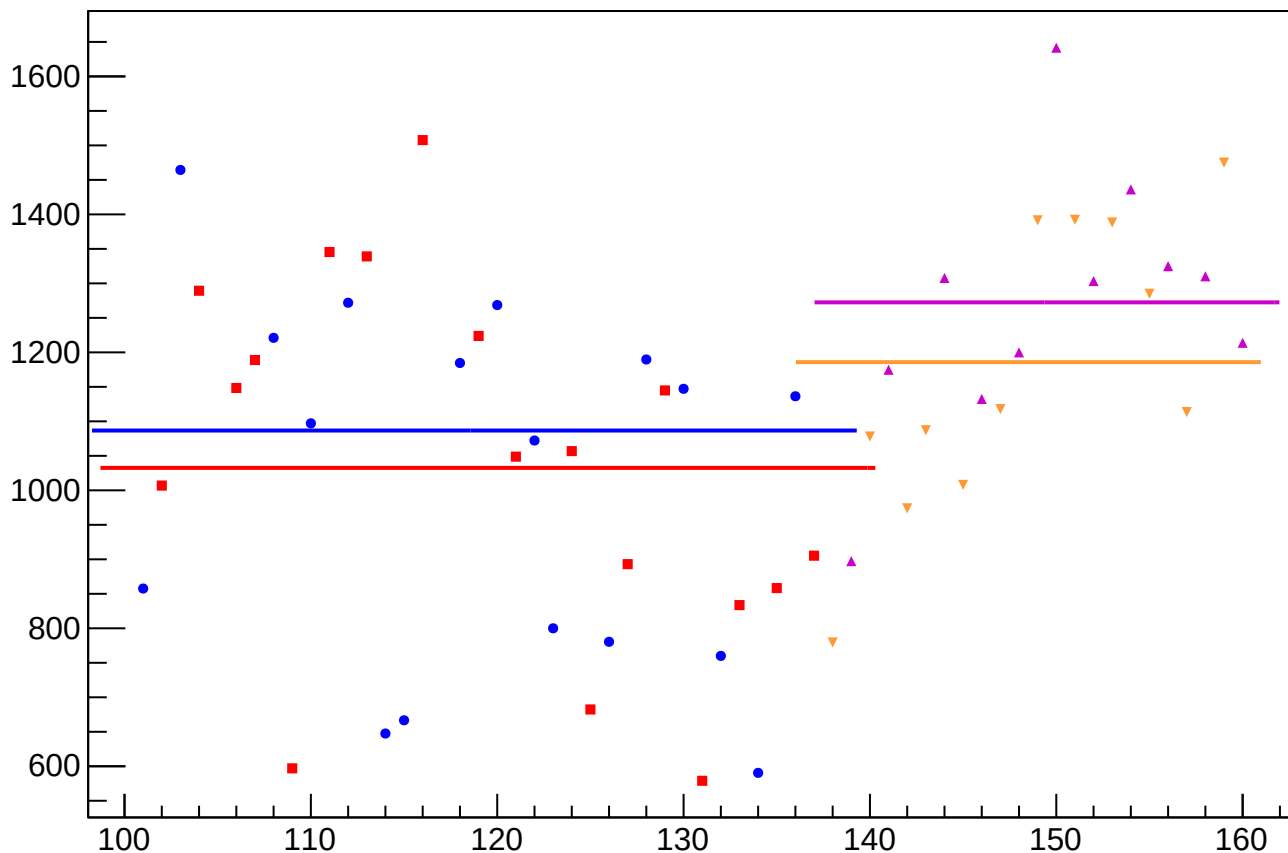
Right In: 348.444+/-0.000 χ^2/NDF : 164421878122610355371654497383202422784.0/16

Left Out: 149.175+/-0.000 χ^2/NDF : 1154008557616927305320355624438988800.0/11

Right Out: 859.360+/-0.000 χ^2/NDF : 2089894584846900651264019930845330538496.0/17

Left In: 149.996+/-0.000 χ^2/NDF : 634211210391111193289402478351089664.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

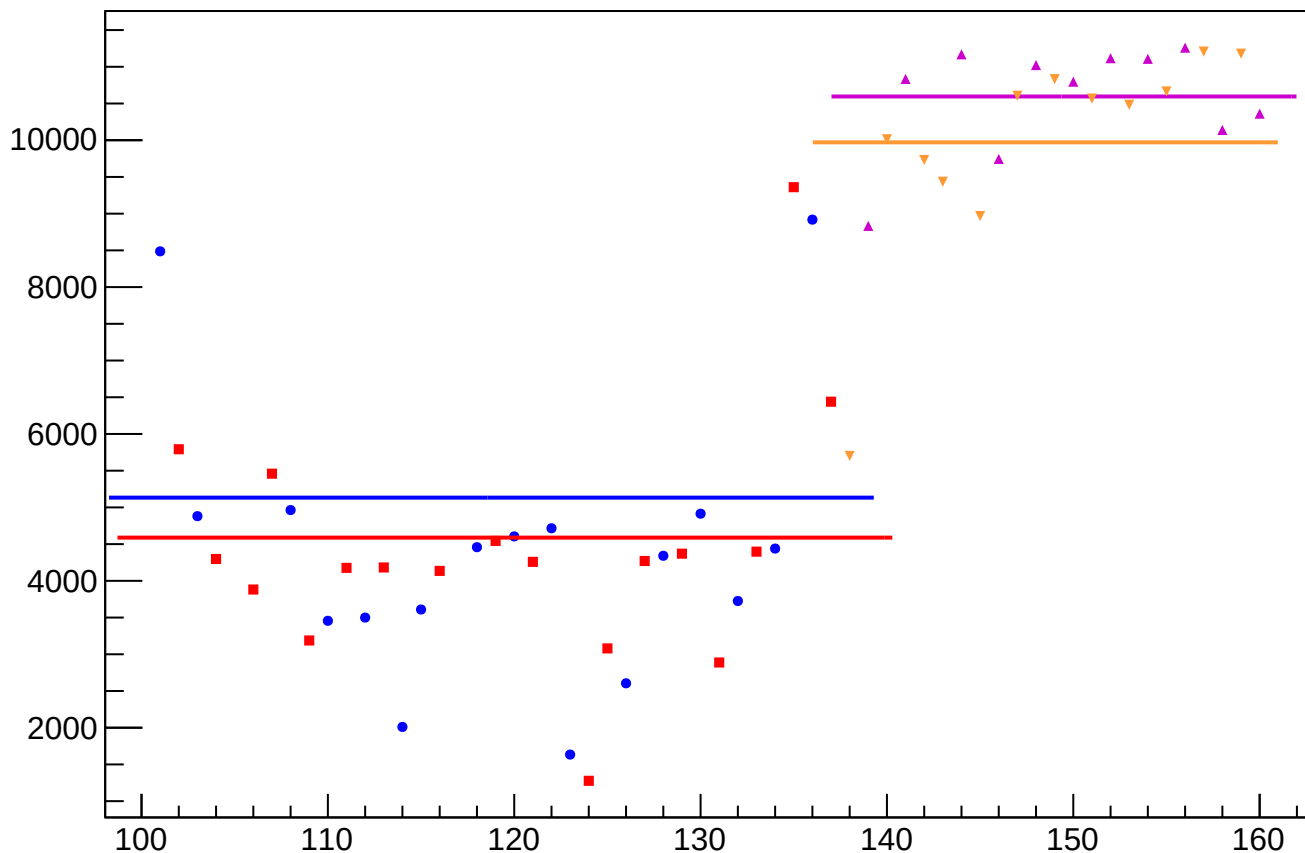
All: 1155.825+/-0.000 χ^2/NDF : 17736486682

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

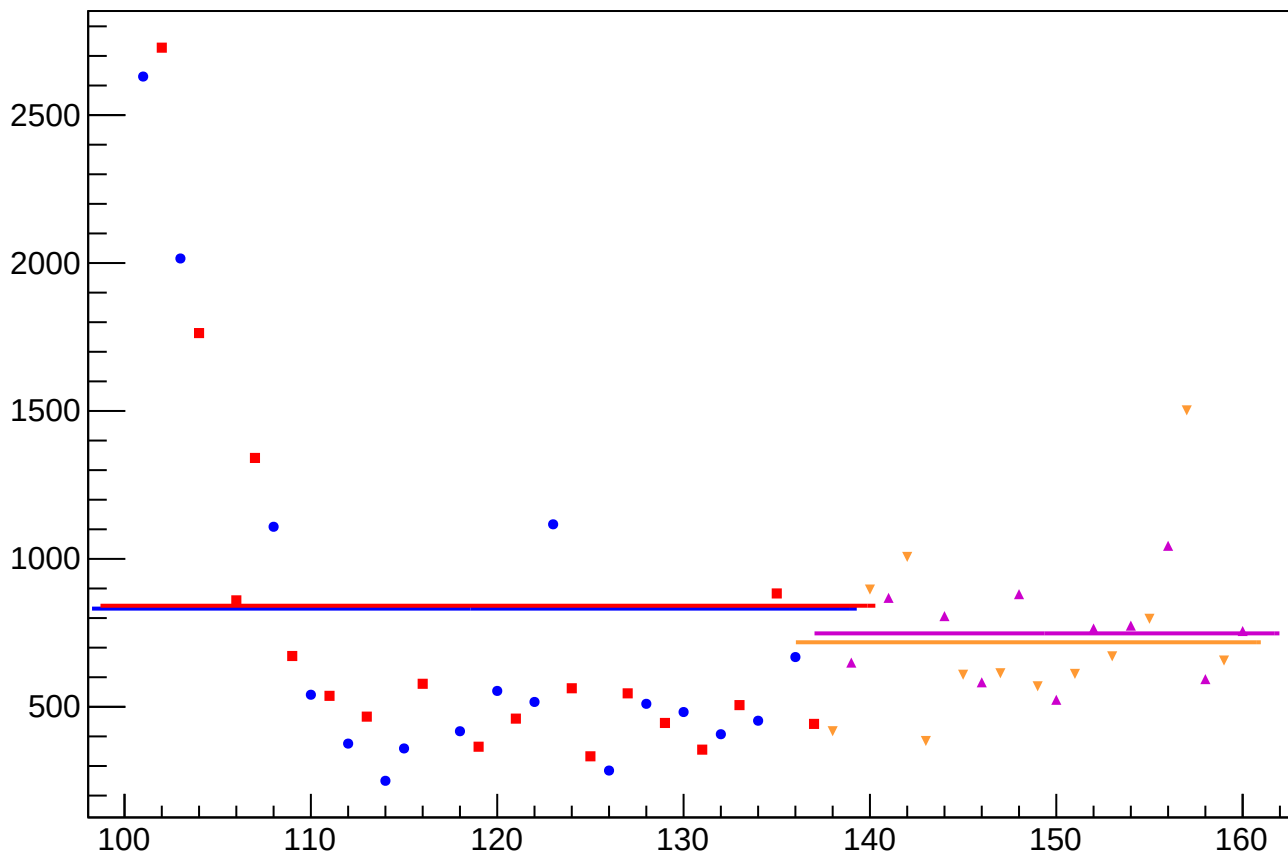
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_atl2_coil3_mean vs Slug



Right In: 5133.097+/-0.000	χ^2/NDF : 2783606731789543492542627200033364115456.0/16	+ sign 7876.467+/-0.000	χ^2/NDF : 13928979529147
Left Out: 9970.965+/-0.000	χ^2/NDF : 1934561351581385388949199210125109231616.0/11	All: 7933.751+/-0.000	χ^2/NDF : 30777943960
Right Out: 4588.565+/-0.000	χ^2/NDF : 1762679658137517030098233744958039261184.0/17	- sign 7989.471+/-0.000	χ^2/NDF : 1683858776209
Left In: 10595.738+/-0.000	χ^2/NDF : 468576856430233997179123685345978220544.0/10		

dit_atl2_coil3_err_mean vs Slug



Right In: 831.957+/-0.000 χ^2/NDF : 349451729062960856481628082238677581824.0/16

+ sign 767.421+/-0.000 χ^2/NDF : 426486573077915

Left Out: 718.149+/-0.000 χ^2/NDF : 71937620206312488089989876430797799424.0/11

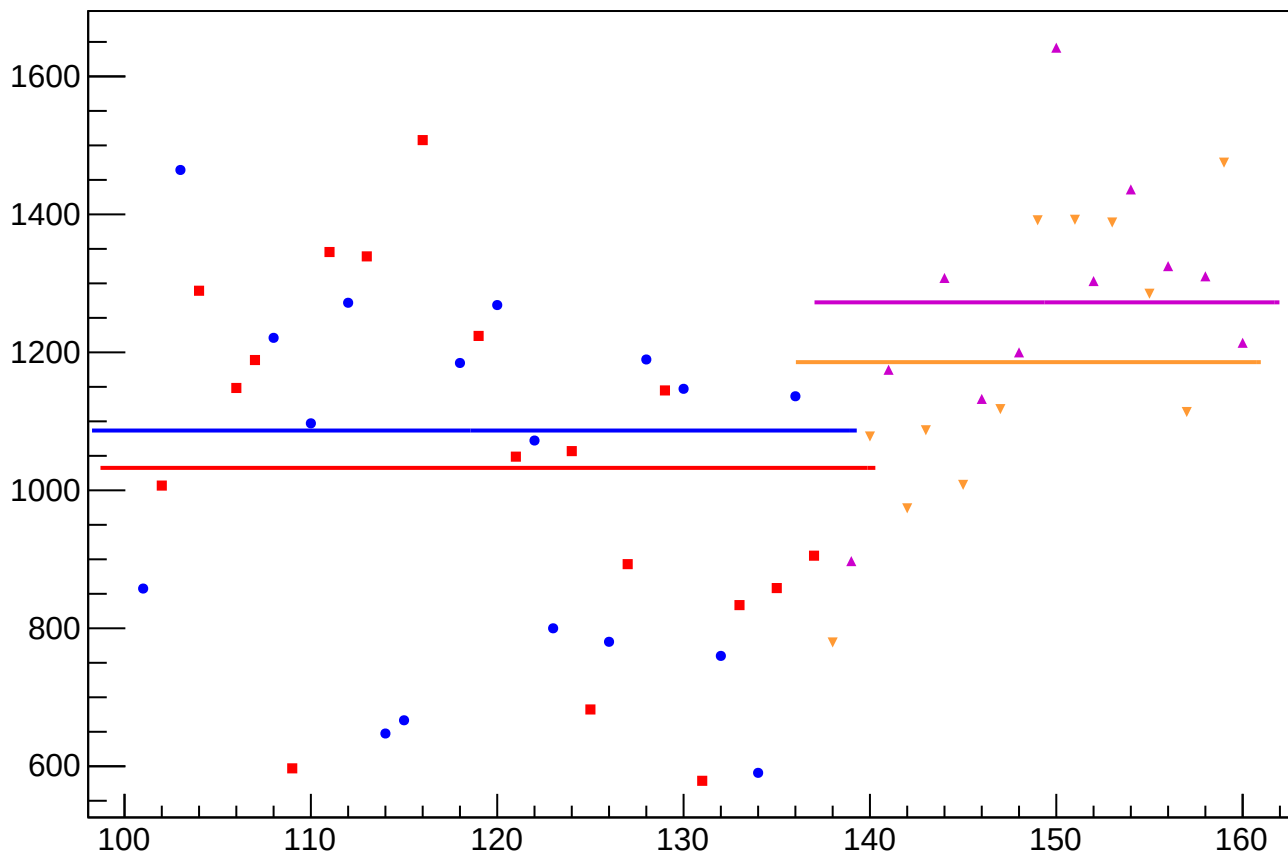
All: 778.254+/-0.000 χ^2/NDF : 777271460127

Right Out: 841.697+/-0.000 χ^2/NDF : 327194571788790762884924618221350289408.0/17

- sign 788.792+/-0.000 χ^2/NDF : 350413761567384

Left In: 748.248+/-0.000 χ^2/NDF : 19684275040316832189212720213180547072.0/10

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

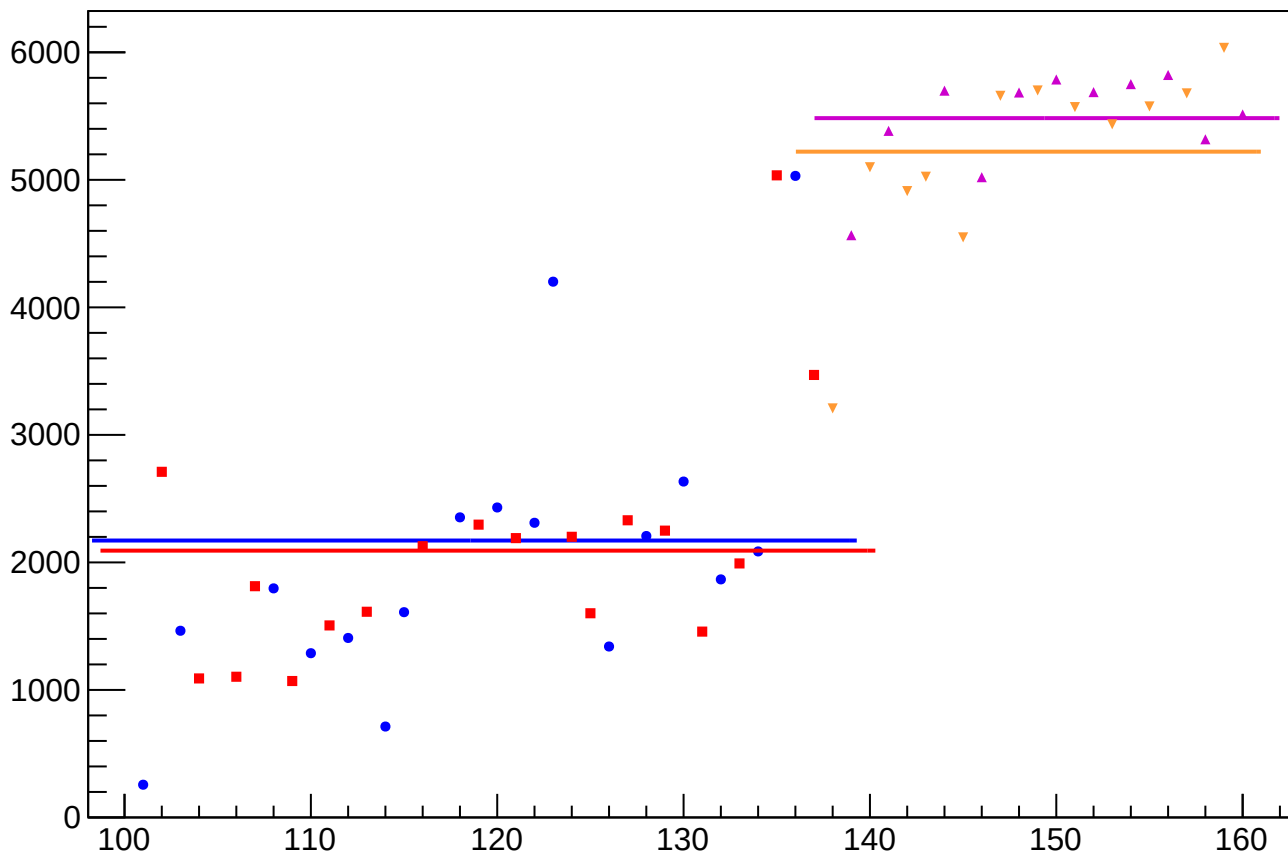
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

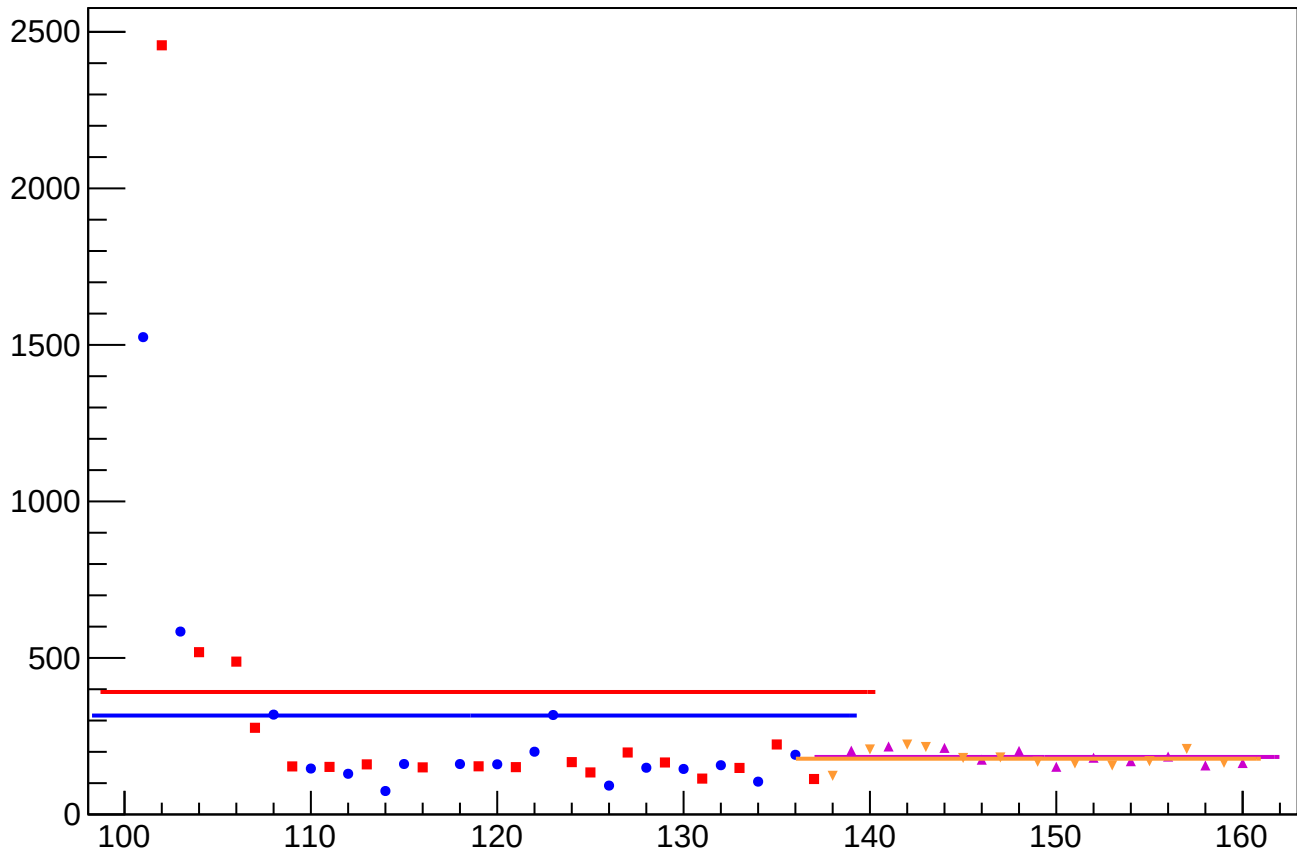
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_atr1_coil3_mean vs Slug



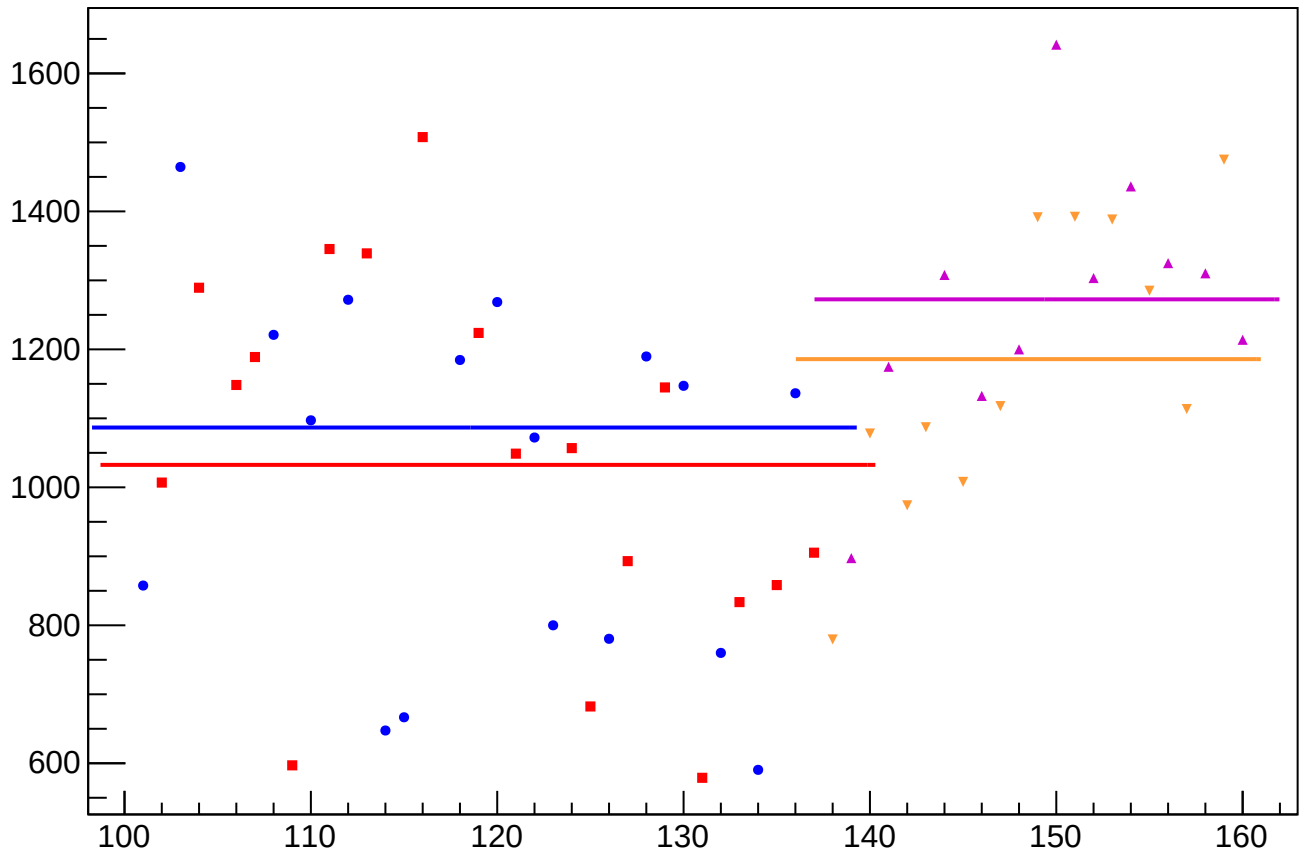
Right In: 2171.584+/-0.000 χ^2/NDF : 1121481436711992505747608002078061887488.0/16
 Left Out: 5221.037+/-0.000 χ^2/NDF : 485765431105029285433830000844618072064.0/11
 Right Out: 2092.361+/-0.000 χ^2/NDF : 667441885377832140265043131761621467136.0/17
 Left In: 5483.850+/-0.000 χ^2/NDF : 124207618021639643047117923230651777024.0/10

dit_atr1_coil3_err_mean vs Slug



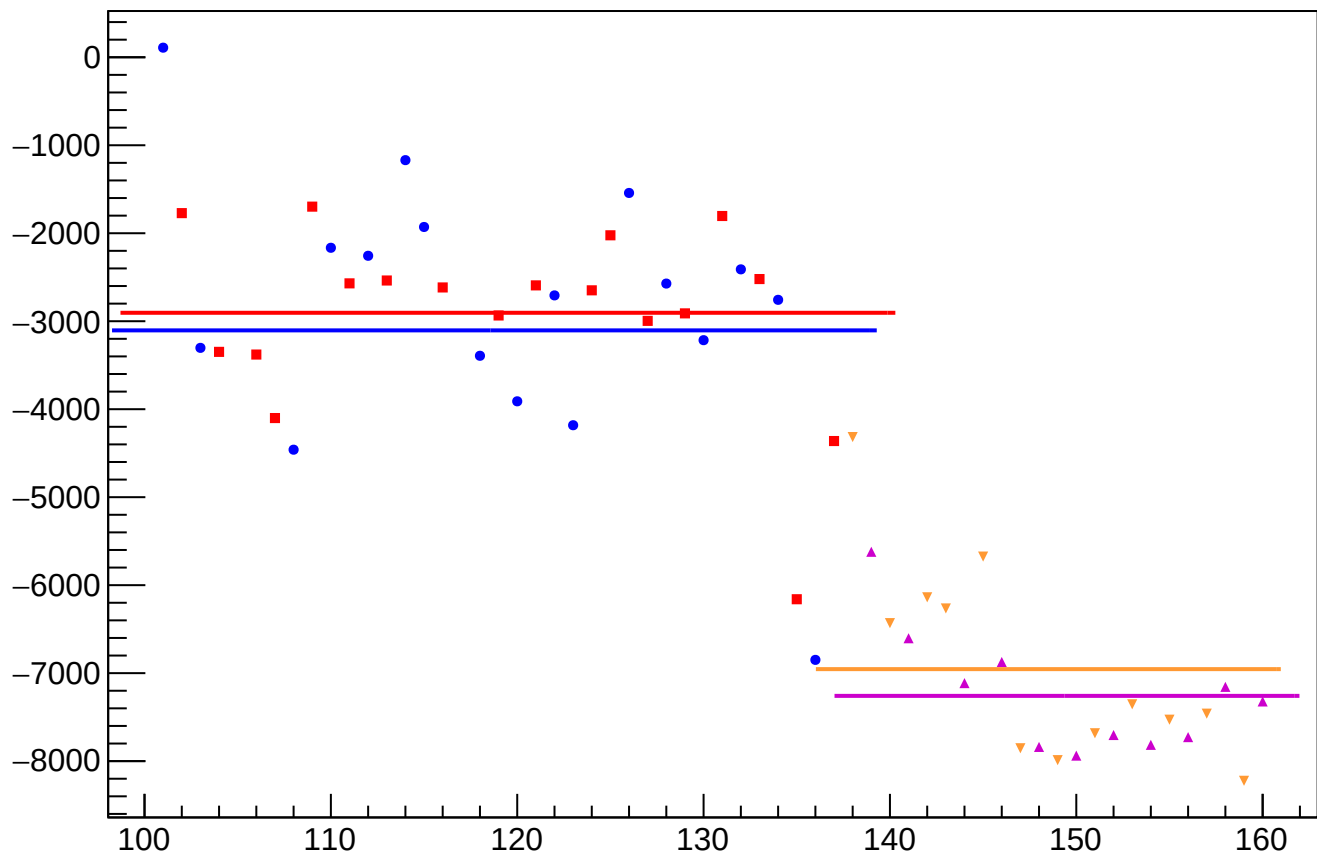
Right In: 315.988 $\pm$ 0.000 χ^2 /NDF: 105245970043528229052885068868464148480.0/16
 Left Out: 178.075 $\pm$ 0.000 χ^2 /NDF: 651585134849869206771008425477275648.0/11
 Right Out: 391.241 $\pm$ 0.000 χ^2 /NDF: 278615743451952201300141162839823876096.0/17
 Left In: 183.693 $\pm$ 0.000 χ^2 /NDF: 436901081723904411805948593427185664.0/10

dit_atr1_coil3_Ndata_mean vs Slug



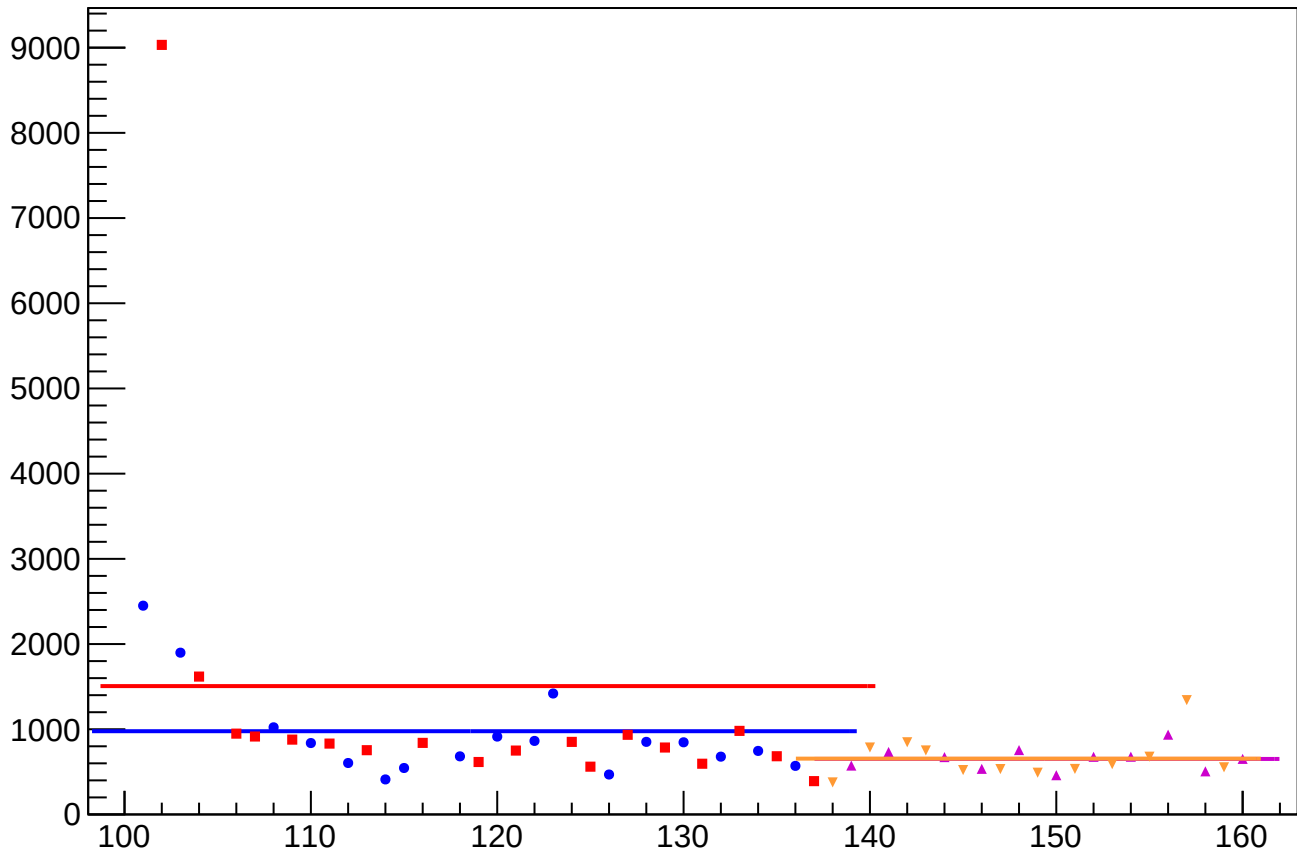
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

dit_atr2_coil3_mean vs Slug



Right In: -3104.086+/-0.000	χ^2/NDF : 2219830093322908449503226232551283621888.0/16
Left Out: -6954.312+/-0.000	χ^2/NDF : 1136997499681278393426195734690374090752.0/11
Right Out: -2904.095+/-0.000	χ^2/NDF : 863466592603439885705858083509569060864.0/17
Left In: -7258.241+/-0.000	χ^2/NDF : 401725539598456185043422844347240939520.0/10
+ sign -5287.402+/-0.000 χ^2/NDF : 9190770681554	
All: -5328.844+/-0.000 χ^2/NDF : 1813565160	
- sign -5369.155+/-0.000 χ^2/NDF : 8939449942209	

dit_atr2_coil3_err_mean vs Slug



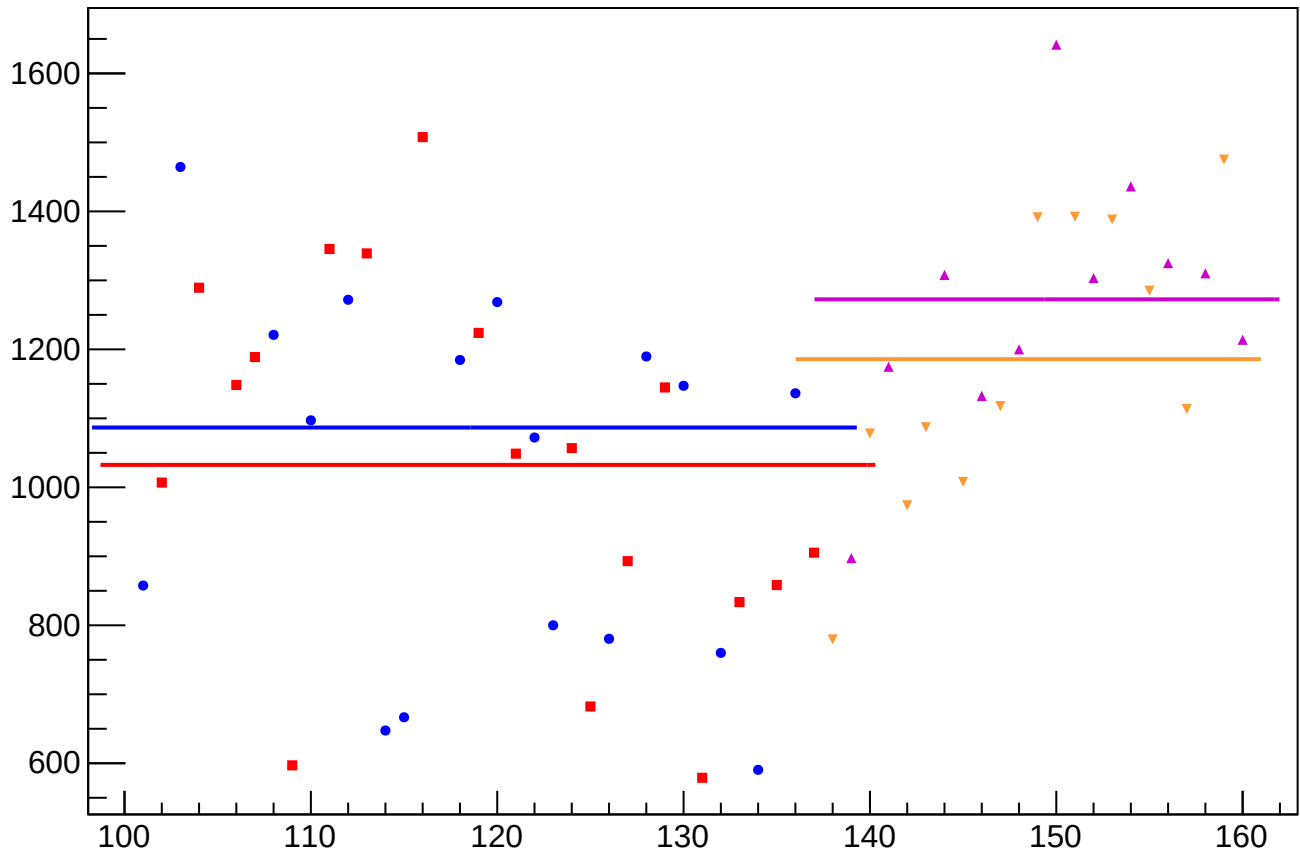
Right In: 977.095+/-0.000 χ^2/NDF : 229572106069348964280530708212477853696.0/16

Left Out: 655.166+/-0.000 χ^2/NDF : 51874874251518032023744139034586251264.0/11

Right Out: 1506.543+/-0.000 χ^2/NDF : 3621204096431683433019783695973291655168.0/17

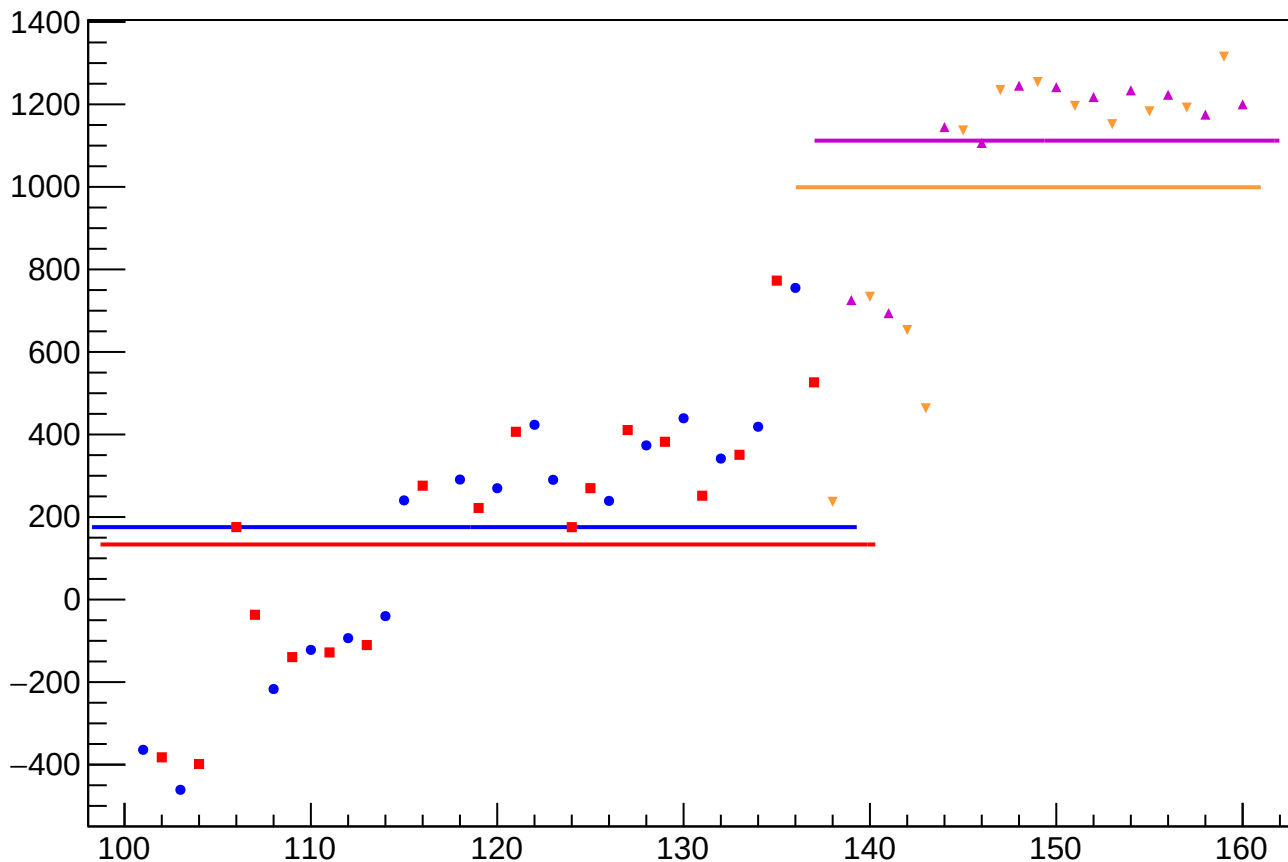
Left In: 651.533+/-0.000 χ^2/NDF : 14771751730893507411820547842989096960.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10
 + sign 1142.906+/-0.000 χ^2/NDF : 76037619994785
 All: 1155.825+/-0.000 χ^2/NDF : 17736486682
 - sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam1_coil3_mean vs Slug



Right In: 175.537+/-0.000 χ^2/NDF : 95726276788203913105887314540463390720.0/16

Left Out: 999.146+/-0.000 χ^2/NDF : 105564366035075461974618801527085596672.0/11

Right Out: 133.524+/-0.000 χ^2/NDF : 76029583873433989388564211432616361984.0/17

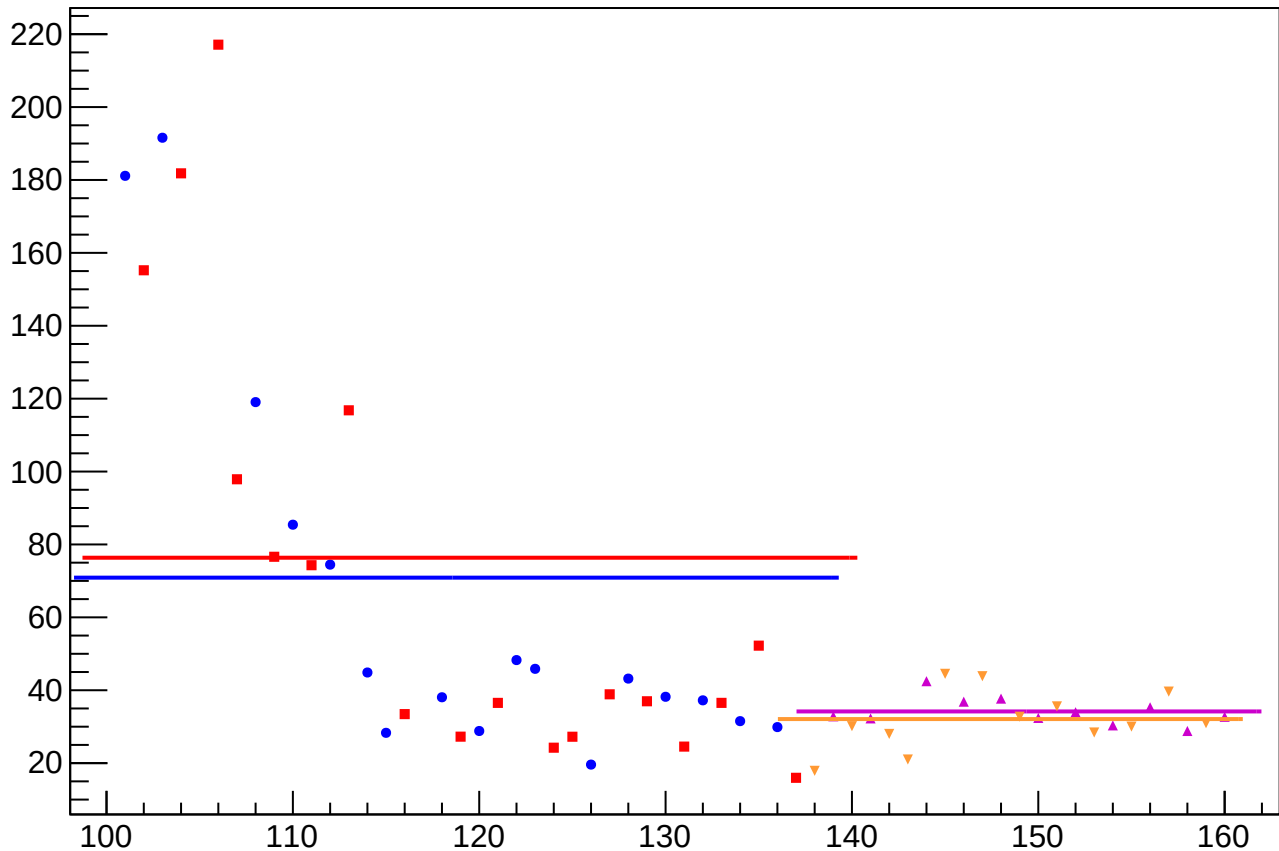
Left In: 1112.074+/-0.000 χ^2/NDF : 34304488318555265110633397434623983616.0/10

+ sign 642.574+/-0.000 χ^2/NDF : 468241907498970

All: 665.359+/-0.000 χ^2/NDF : 967829469596

- sign 687.521+/-0.000 χ^2/NDF : 497945950535614

dit_sam1_coil3_err_mean vs Slug



Right In: 70.892+/-0.000 χ^2/NDF : 2275734493854200628376973265629872128.0/16

Left Out: 32.091+/-0.000 χ^2/NDF : 54625109486428917738965927425212416.0/11

Right Out: 76.360+/-0.000 χ^2/NDF : 2382375226603203691068269213188620288.0/17

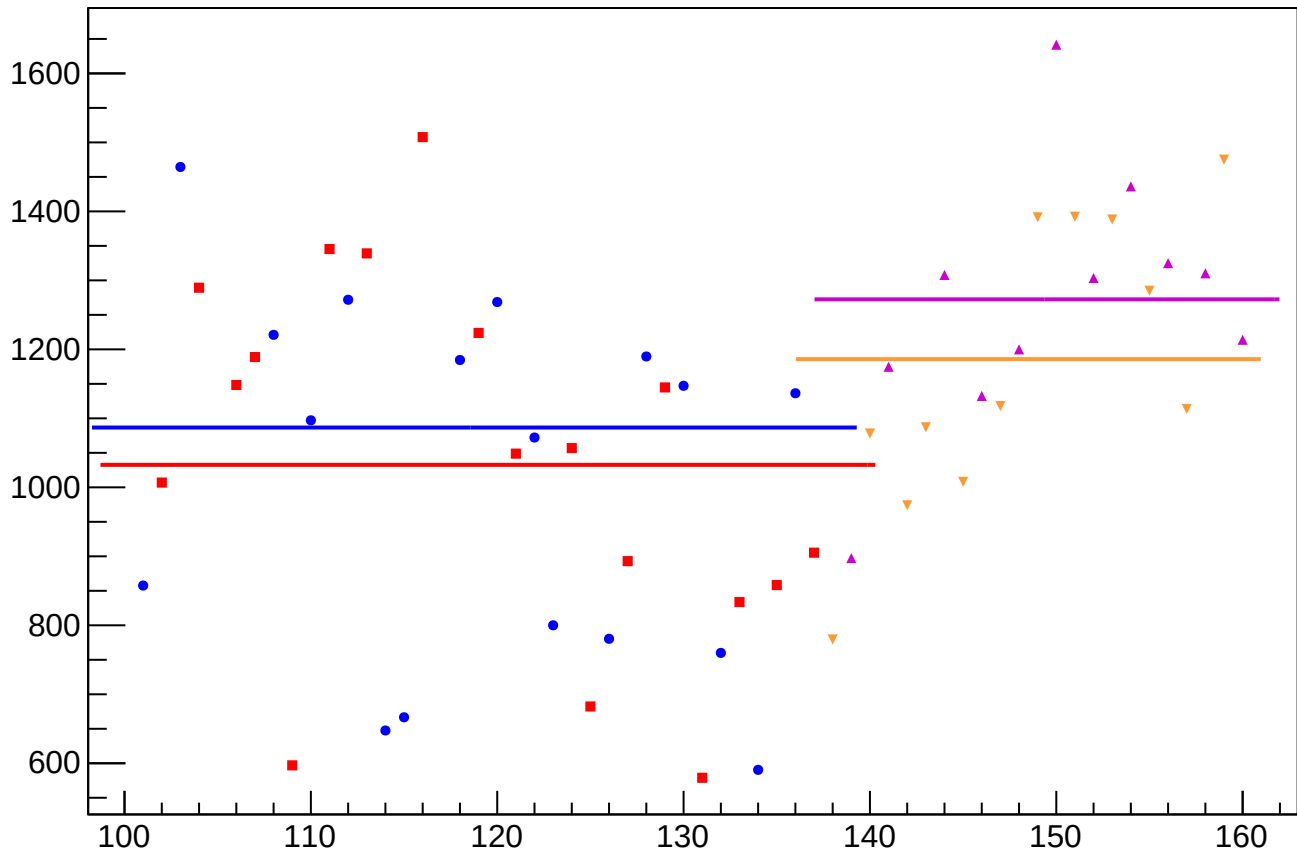
Left In: 34.184+/-0.000 χ^2/NDF : 12426918146189706802189676664848384.0/10

+ sign 48.890+/-0.000 χ^2/NDF : 2922849558667242

All: 50.711+/-0.000 χ^2/NDF : 6048160583171

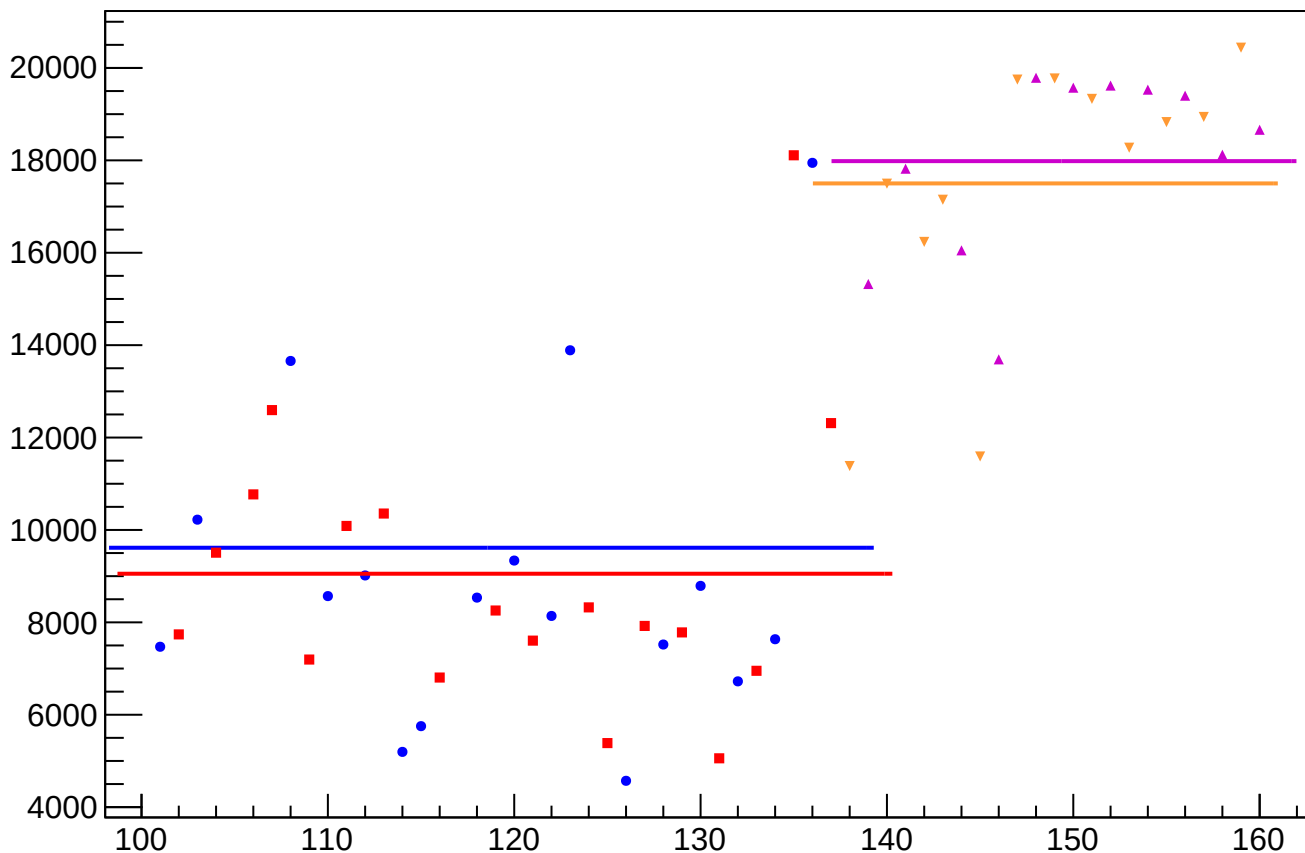
- sign 52.483+/-0.000 χ^2/NDF : 3114822076713713

dit_sam1_coil3_Ndata_mean vs Slug



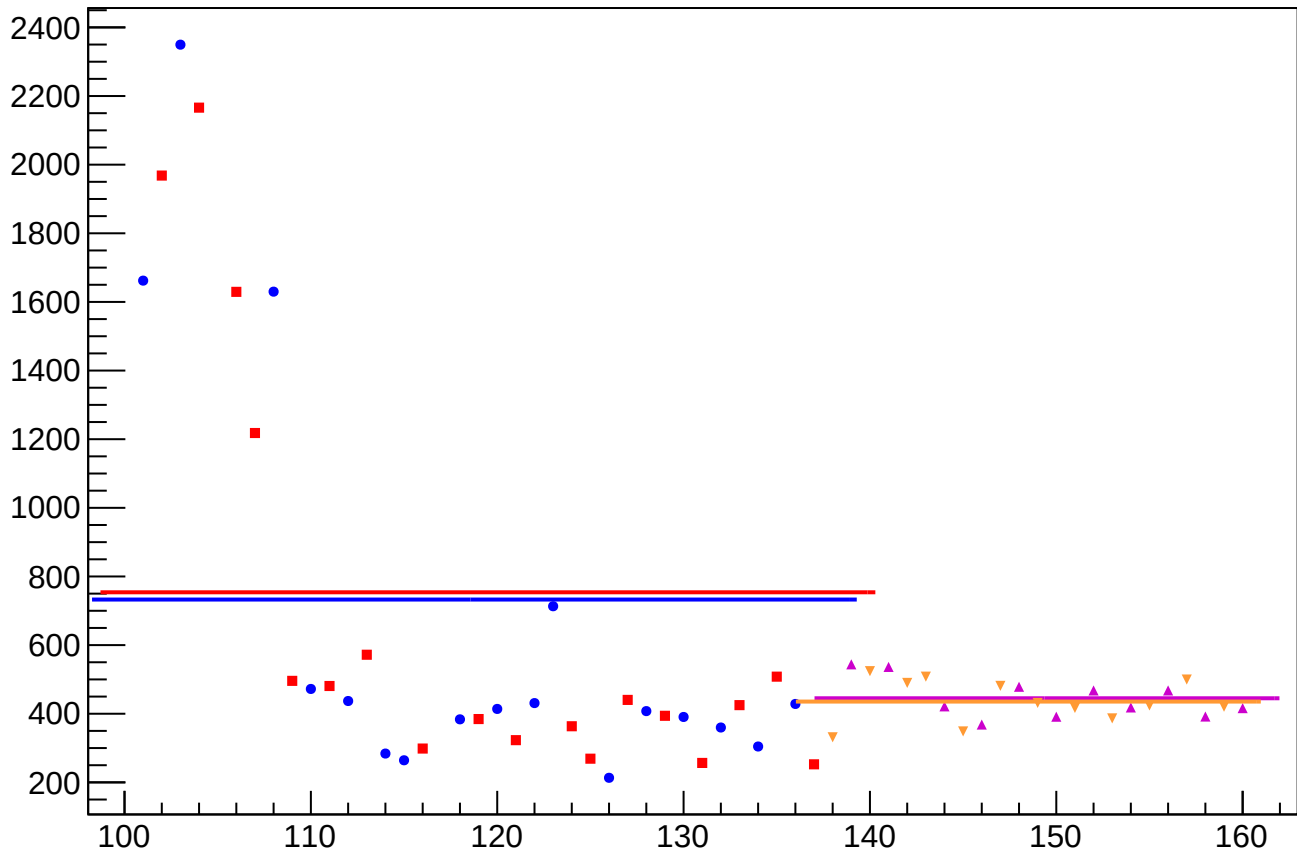
Right In: 1086.695 +/- 0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823 +/- 0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544 +/- 0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495 +/- 0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10
 All: 1155.825 +/- 0.000 χ^2/NDF : 17736486682
 + sign 1142.906 +/- 0.000 χ^2/NDF : 76037619994785
 - sign 1168.390 +/- 0.000 χ^2/NDF : 10079953084874

dit_sam2_coil3_mean vs Slug



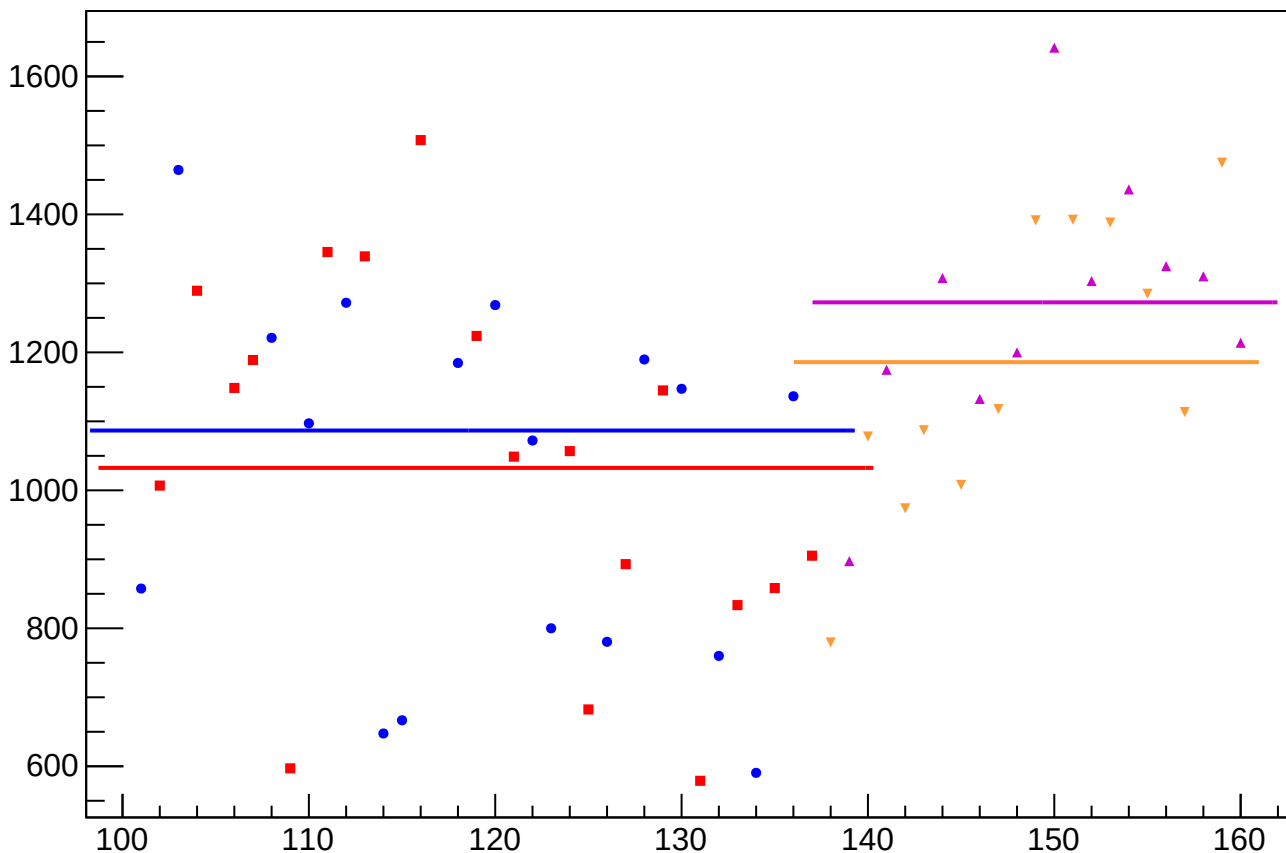
Right In: 9614.932+/-0.000 χ^2/NDF : 9450588438014082769578324832201526476800.0/16
 Left Out: 17500.786+/-0.000 χ^2/NDF : 7846813012026023217295297642858706632704.0/11
 Right Out: 9052.441+/-0.000 χ^2/NDF : 6723672544856808135538254172135519944704.0/17
 Left In: 17983.189+/-0.000 χ^2/NDF : 3584595715288567917039077291852254150656.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 732.742 $\pm$ 0.000 χ^2 /NDF: 301740459340268060292037793871684435968.0/16
 Left Out: 435.461 $\pm$ 0.000 χ^2 /NDF: 3296772866704872156721083756341886976.0/11
 Right Out: 753.888 $\pm$ 0.000 χ^2 /NDF: 288199108578840040054796930815893700608.0/17
 Left In: 445.056 $\pm$ 0.000 χ^2 /NDF: 2842998762330216596366474874240106496.0/10

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

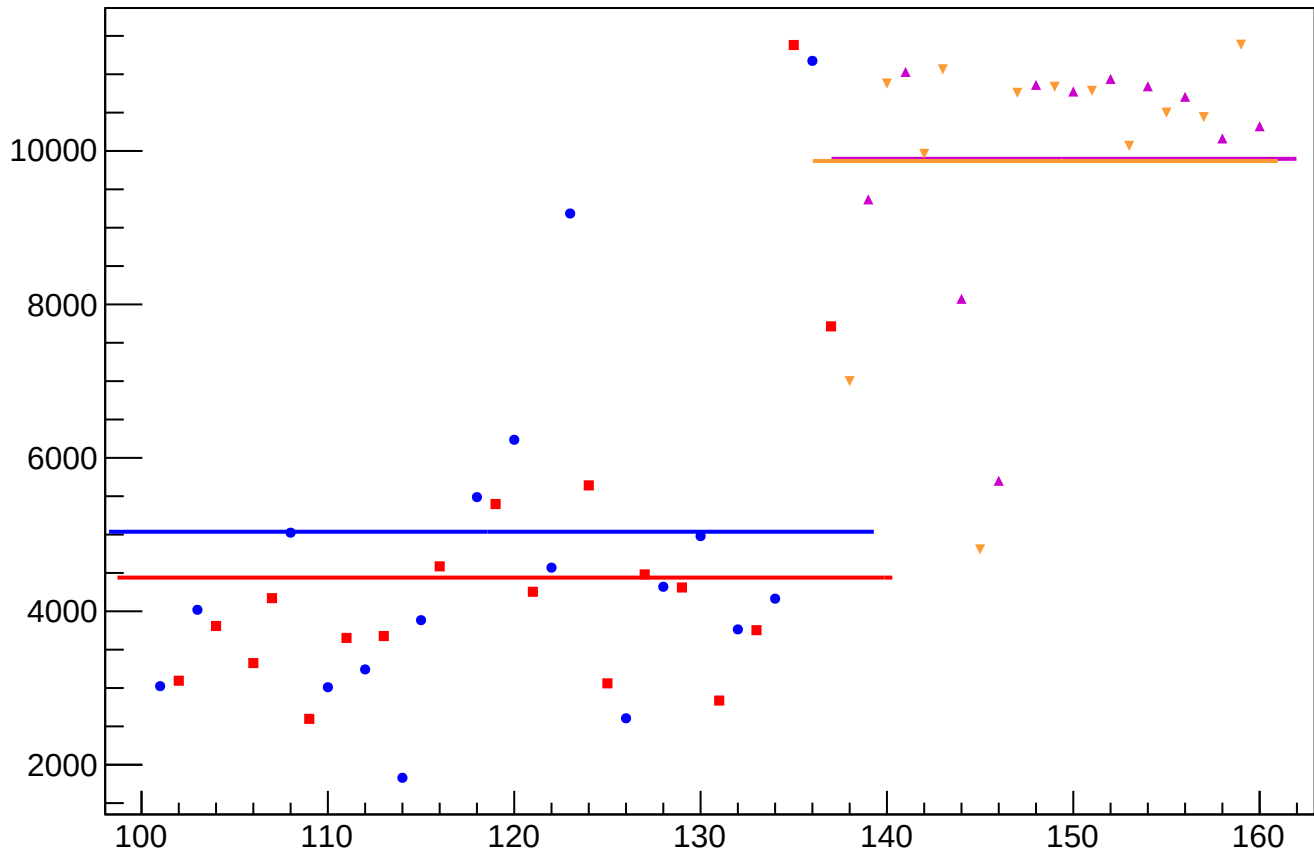
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

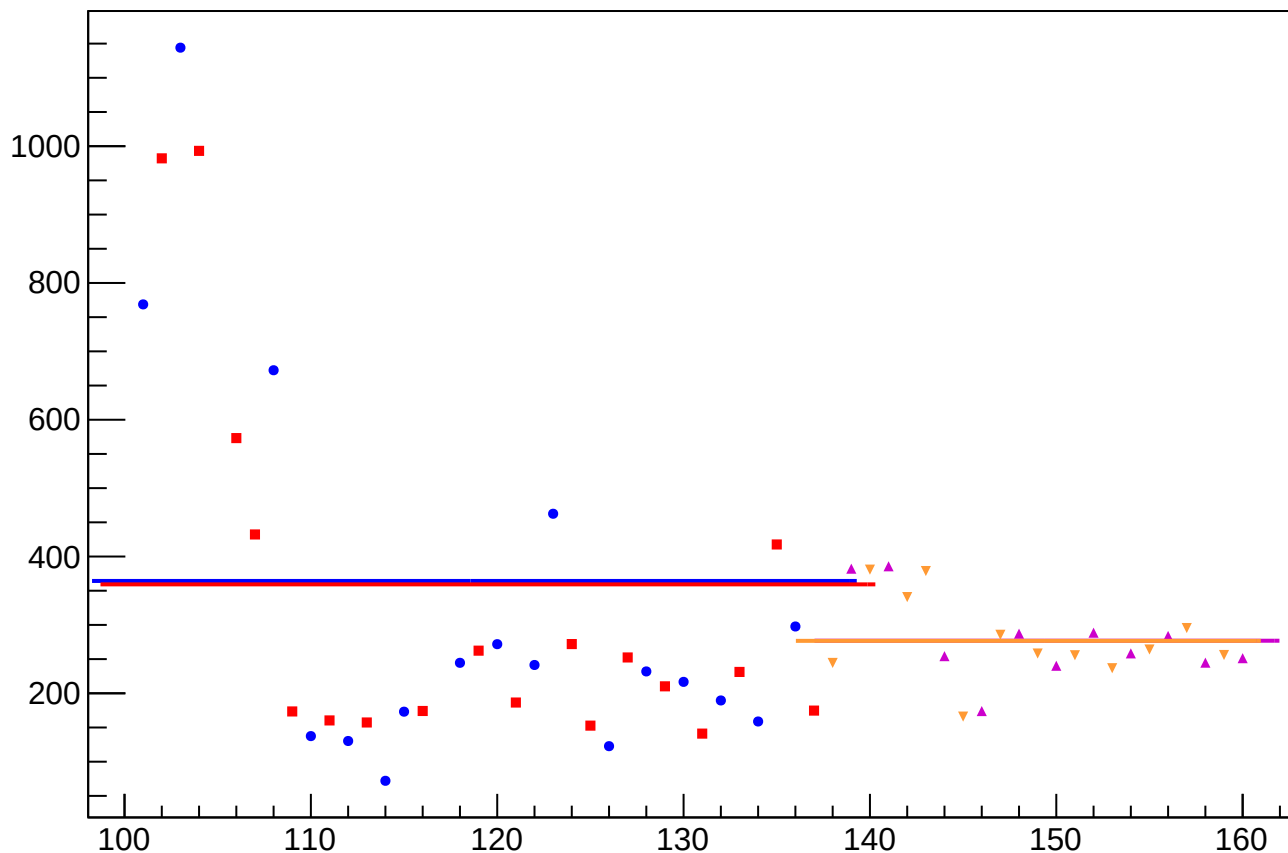
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam3_coil3_mean vs Slug



Right In: 5037.073+/-0.000 χ^2/NDF : 4548828903802726251449084375770641465344.0/16
 Left Out: 9869.728+/-0.000 χ^2/NDF : 3268331225481673138710181152096956448768.0/11
 Right Out: 4439.378+/-0.000 χ^2/NDF : 3162947435976288372848793793706623762432.0/17
 Left In: 9897.674+/-0.000 χ^2/NDF : 2284840032345360361829819012042190749696.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 364.277+/-0.000 χ^2/NDF : 63824164232416453329464402315619336192.0/16

+ sign 314.613+/-0.000 χ^2/NDF : 699348999642394

Left Out: 276.695+/-0.000 χ^2/NDF : 3092021868462031371777841065866821632.0/11

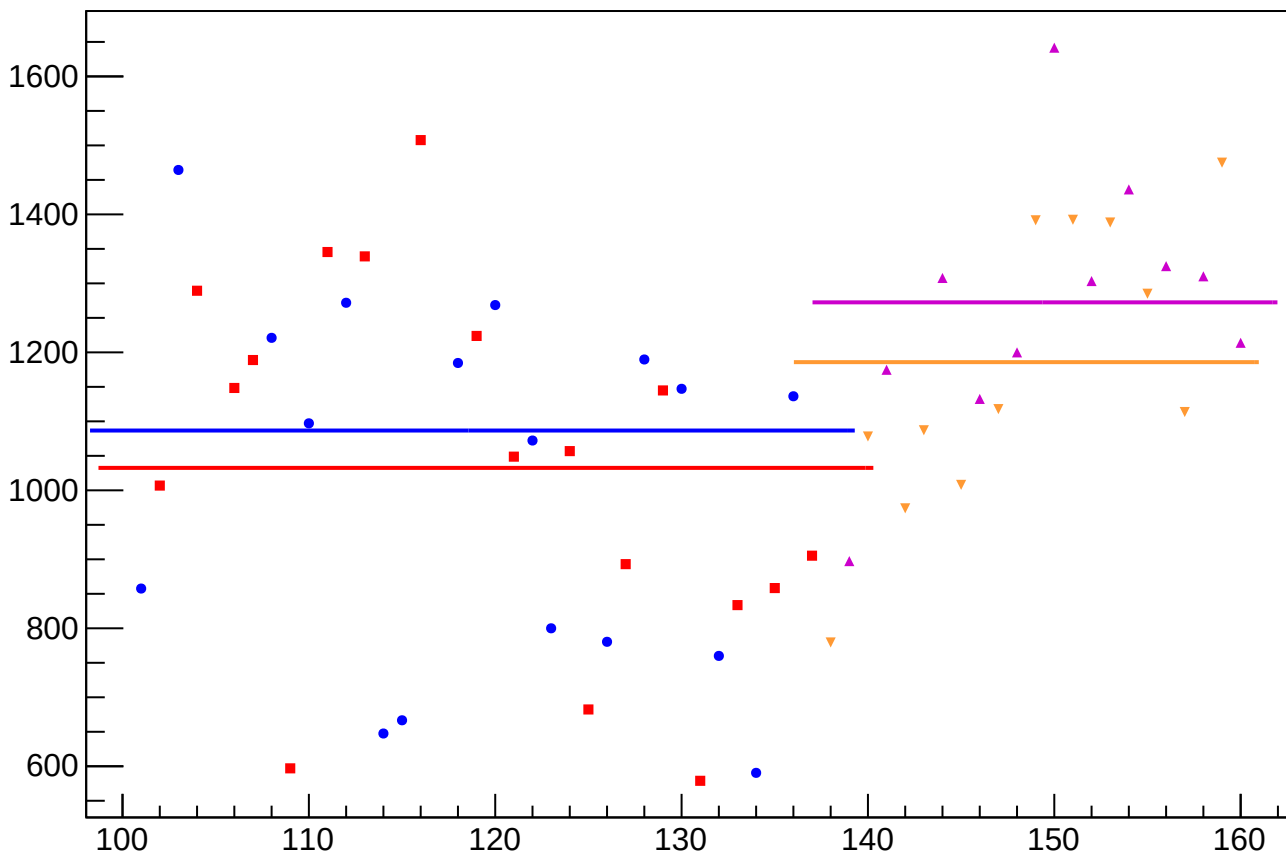
All: 313.609+/-0.000 χ^2/NDF : 134669249845

Right Out: 359.283+/-0.000 χ^2/NDF : 58838911094170702852650084457083043840.0/17

- sign 312.632+/-0.000 χ^2/NDF : 647311632661651

Left In: 276.882+/-0.000 χ^2/NDF : 3143786563000529318336573721943212032.0/10

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1086.695 $\pm$ 0.000 χ^2 /NDF: 34612834720892896264590202148866752512.0/16

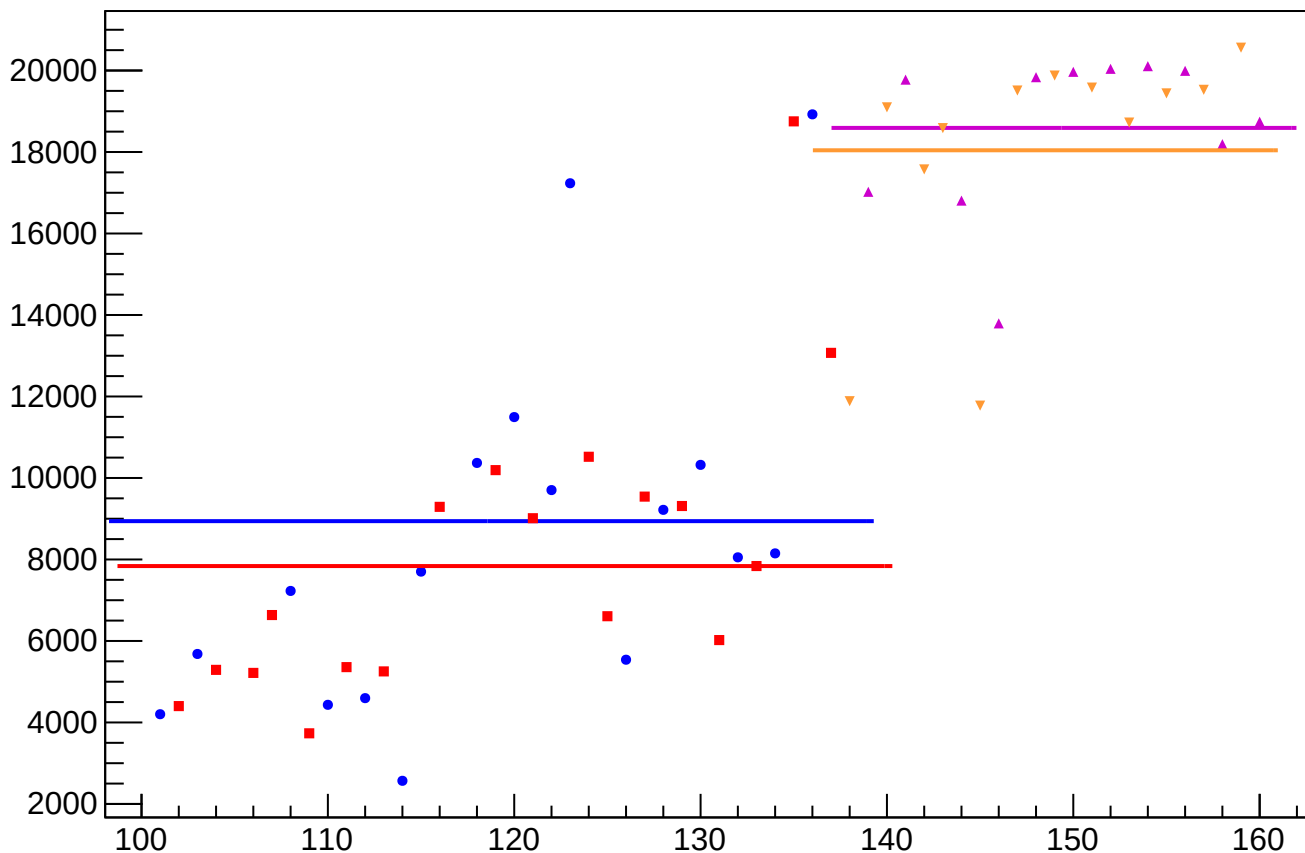
Left Out: 1185.823 $\pm$ 0.000 χ^2 /NDF: 37557683033316568818198536296895348736.0/11

Right Out: 1032.544 $\pm$ 0.000 χ^2 /NDF: 47614887029691398867923382029973979136.0/17

Left In: 1272.495 $\pm$ 0.000 χ^2 /NDF: 29878198288838193261445678233542459392.0/10

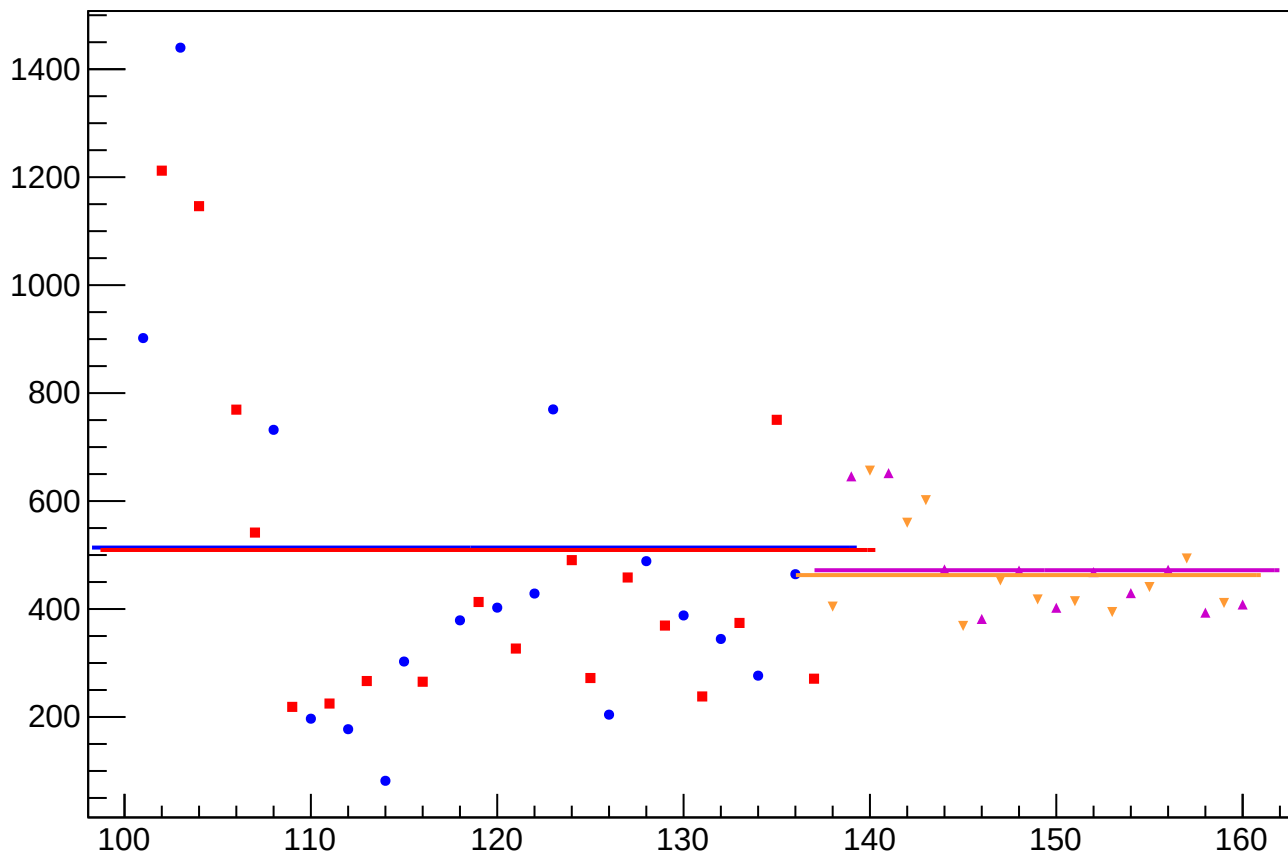
All: 1155.825 $\pm$ 0.000 χ^2 /NDF: 17736486682

dit_sam4_coil3_mean vs Slug



Right In: 8940.709+/-0.000 χ^2/NDF : 14252298982323079680975069701388839682048.0/16
 Left Out: 18042.230+/-0.000 χ^2/NDF : 7640646522897487857135230772113708154880.0/11
 Right Out: 7838.226+/-0.000 χ^2/NDF : 9846913896882704140251290027429415878656.0/17
 Left In: 18591.547+/-0.000 χ^2/NDF : 3373827841621741048896229754913272365056.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 513.843+/-0.000 χ^2/NDF : 82523650579604289792107532326249955328.0/16

Left Out: 462.844+/-0.000 χ^2/NDF : 6830648525623684817395137022896635904.0/11

Right Out: 509.362+/-0.000 χ^2/NDF : 75678926781858707627162203023281750016.0/17

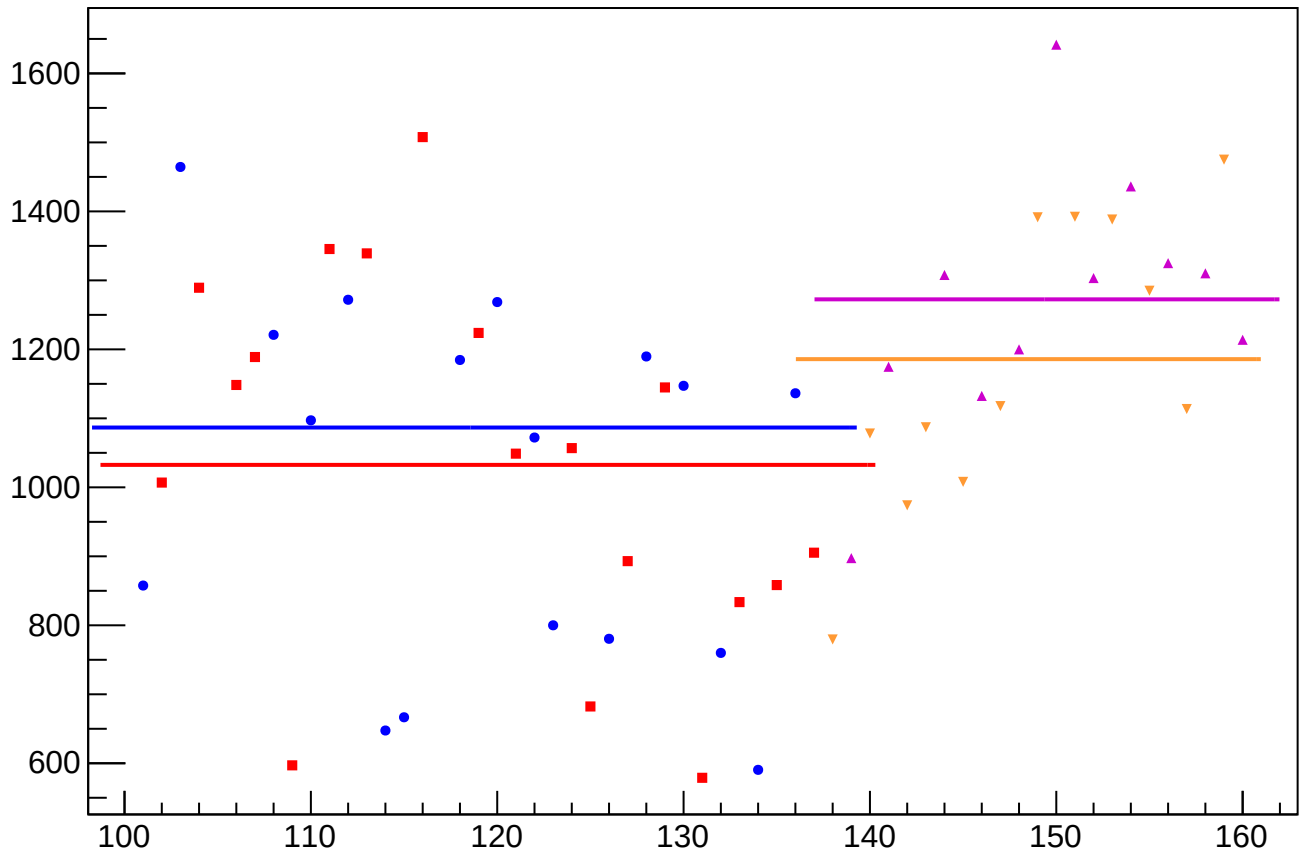
Left In: 471.889+/-0.000 χ^2/NDF : 7312350507184124665031072386098659328.0/10

+ sign 484.924+/-0.000 χ^2/NDF : 903778441128844

All: 486.558+/-0.000 χ^2/NDF : 17394597549

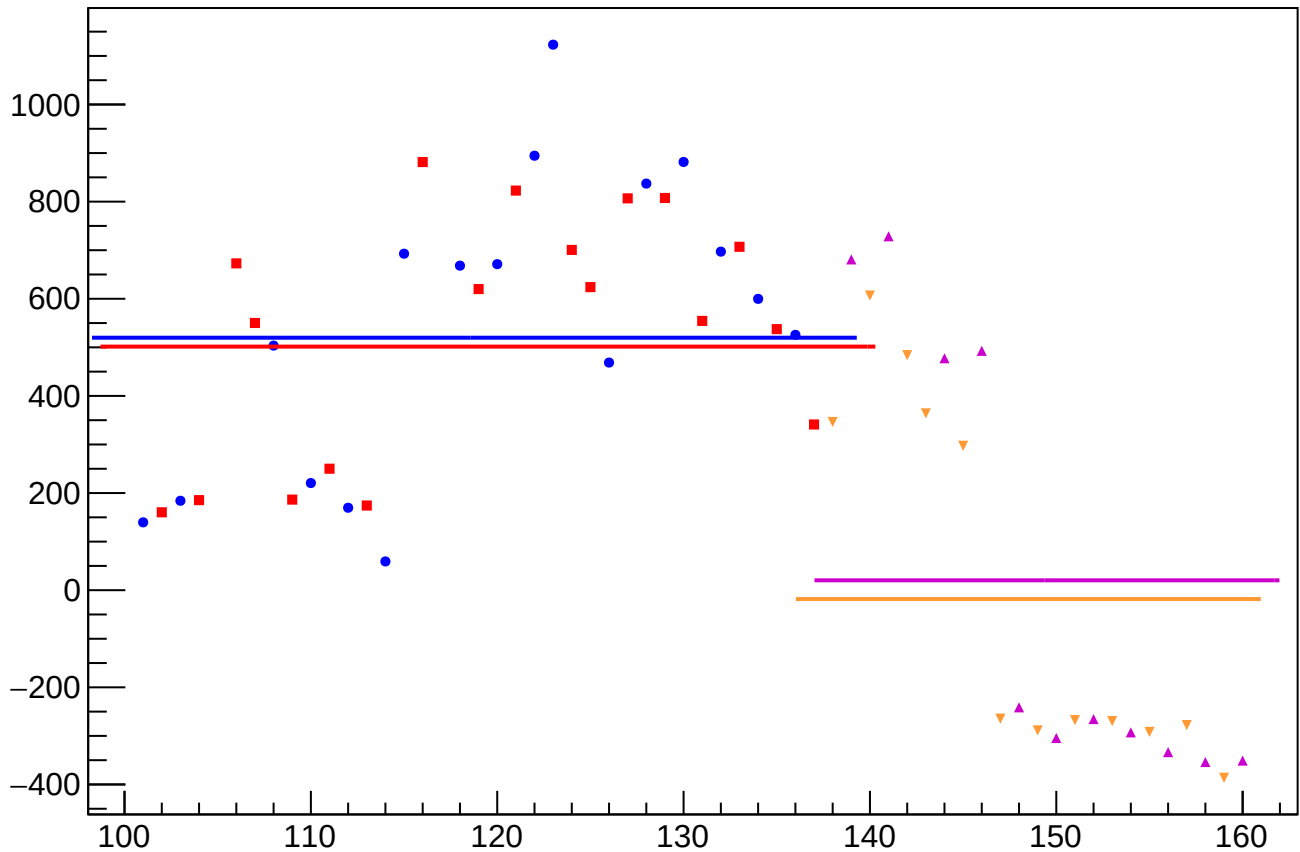
- sign 488.147+/-0.000 χ^2/NDF : 835596883416508

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1142.906+/-0.000	χ^2/NDF : 76037619994785
Left Out: 1185.823+/-0.000	χ^2/NDF : 37557683033316568818198536296895348736.0/11	All: 1155.825+/-0.000	χ^2/NDF : 17736486682
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1168.390+/-0.000	χ^2/NDF : 10079953084874
Left In: 1272.495+/-0.000	χ^2/NDF : 29878198288838193261445678233542459392.0/10		

dit_sam5_coil3_mean vs Slug



Right In: 519.845+/-0.000 χ^2/NDF : 50391712122122241983004017290687545344.0/16

+ sign 214.715+/-0.000 χ^2/NDF : 278712564493039

Left Out: -18.246+/-0.000 χ^2/NDF : 114374265303636923998653923051335319552.0/11

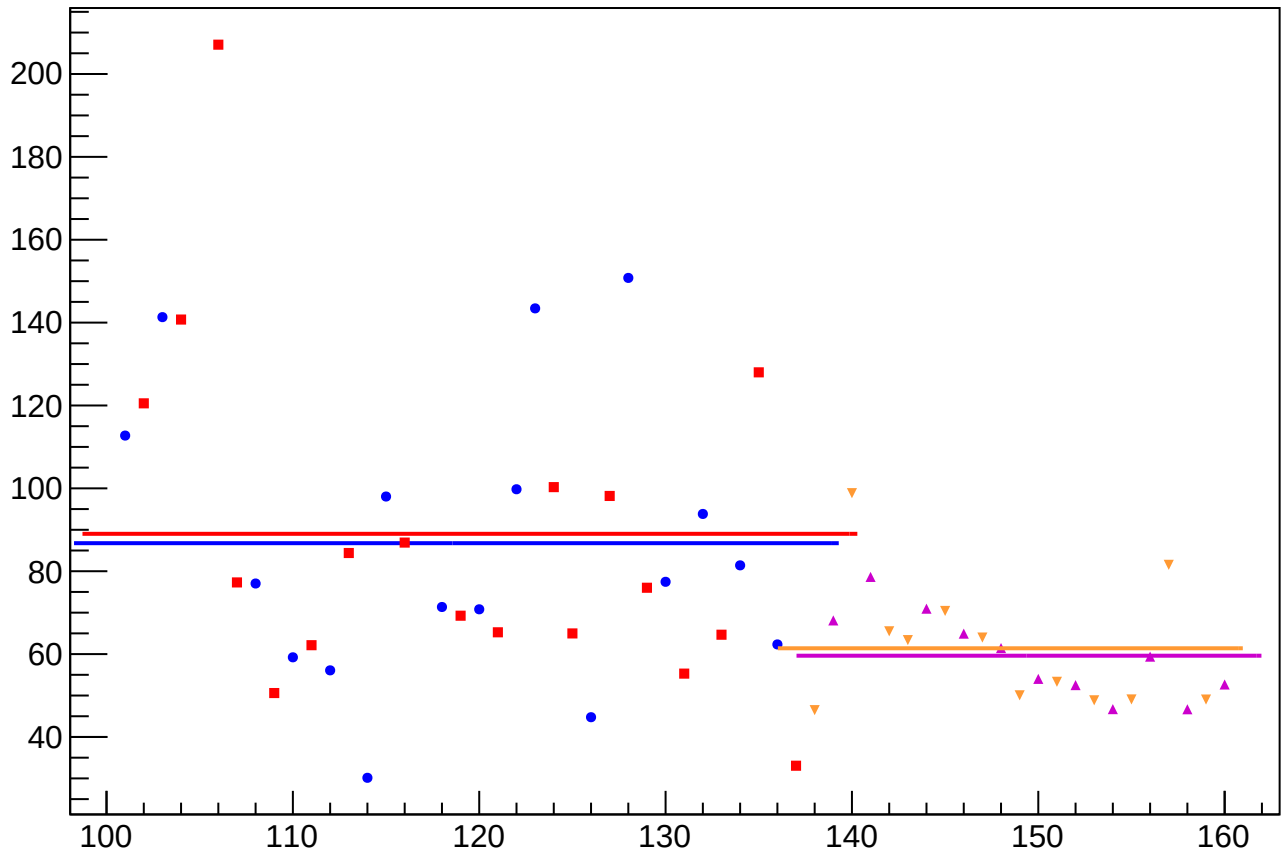
All: 222.007+/-0.000 χ^2/NDF : 597278728263

Right Out: 501.527+/-0.000 χ^2/NDF : 45593938816418547057443342639695921152.0/17

- sign 229.100+/-0.000 χ^2/NDF : 318398000001888

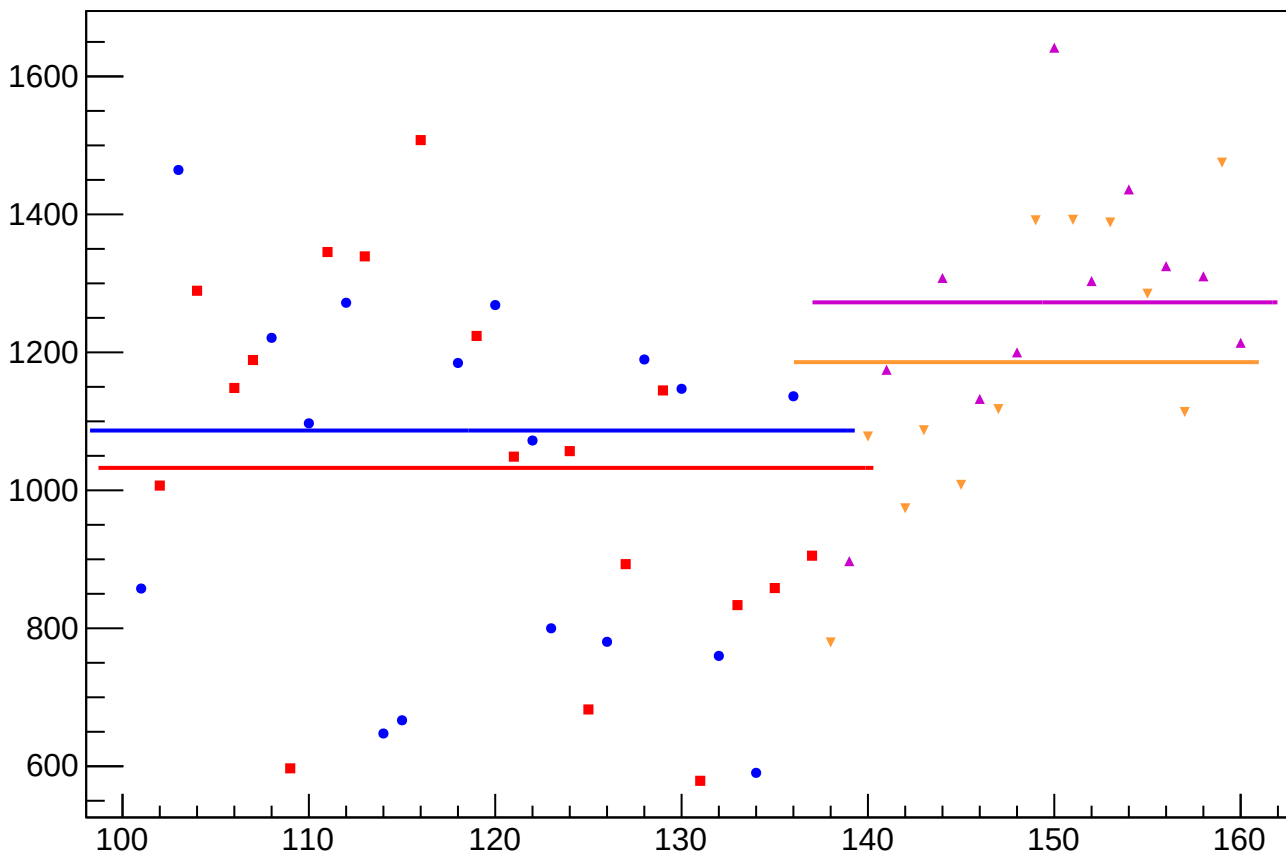
Left In: 20.328+/-0.000 χ^2/NDF : 179073709967558112986870071766256975872.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 86.768+/-0.000	χ^2/NDF : 727044528904958232730586242846031872.0/16	+ sign 72.384+/-0.000	χ^2/NDF : 1204145407859687
Left Out: 61.403+/-0.000	χ^2/NDF : 223902255538930337202441578161897472.0/11	All: 72.379+/-0.000	χ^2/NDF : 2659416943751
Right Out: 89.028+/-0.000	χ^2/NDF : 1014702057025769592460755223634247680.0/17	- sign 72.374+/-0.000	χ^2/NDF : 1455271447529364
Left In: 59.611+/-0.000	χ^2/NDF : 90277020610973878591704182850322432.0/10		

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

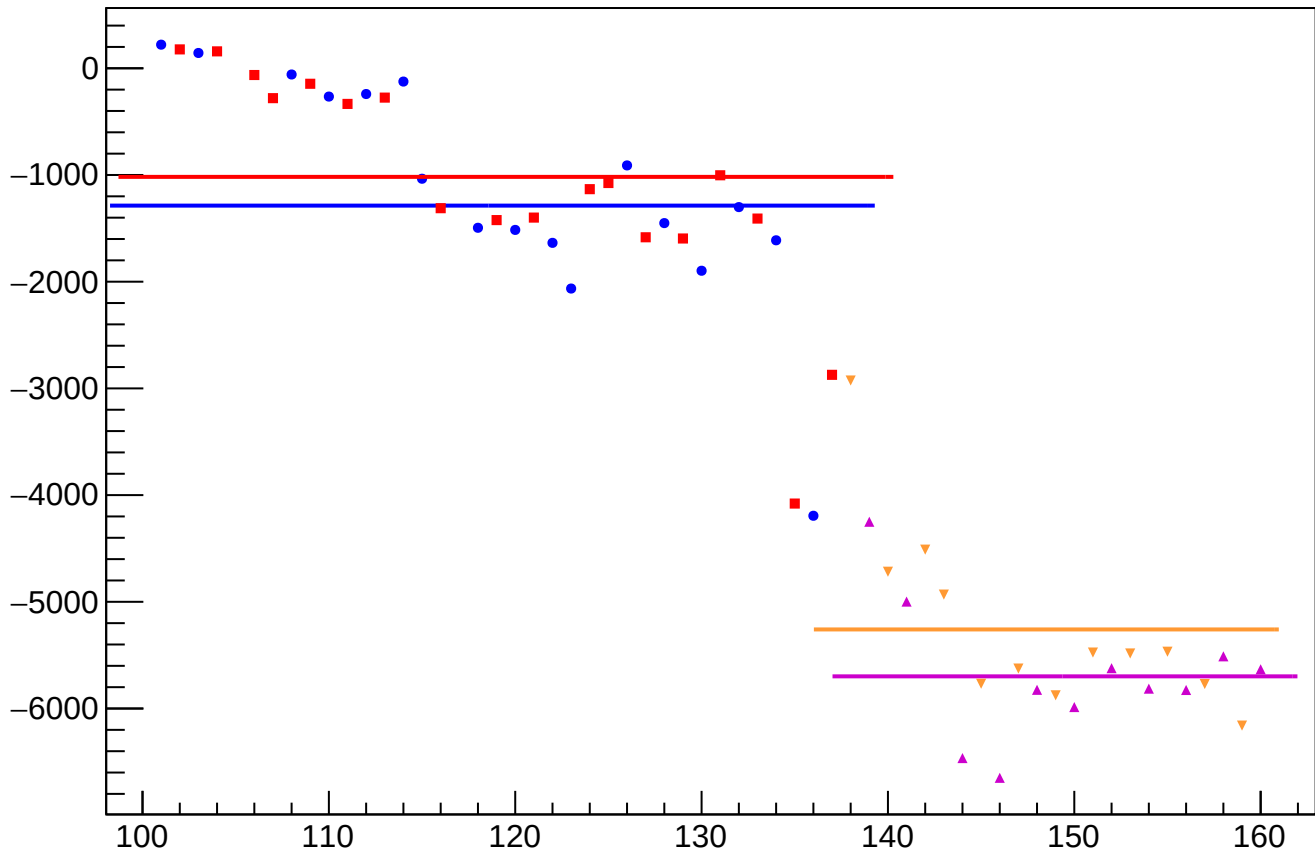
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

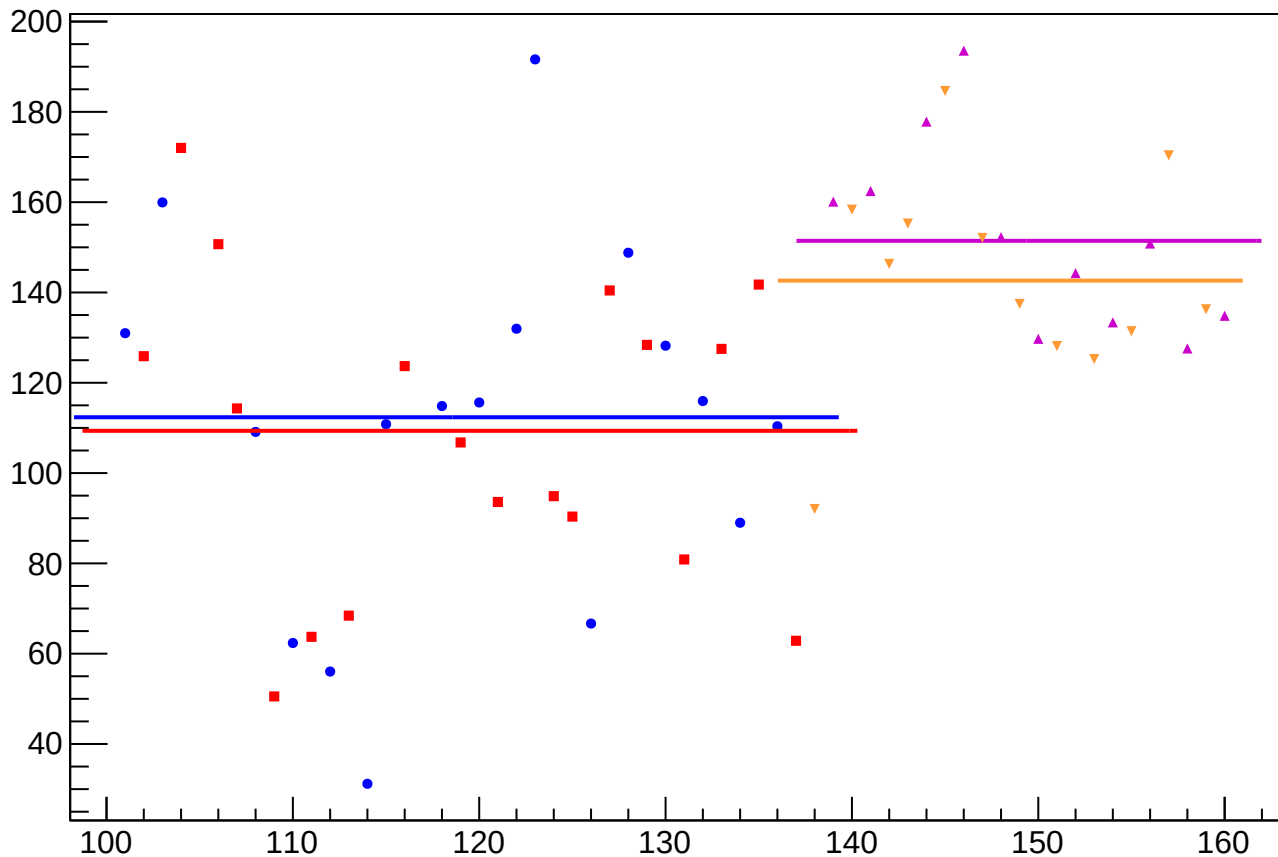
- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_sam6_coil3_mean vs Slug



Right In: -1287.018+/-0.000 χ^2/NDF : 1204676715439313496734702006985495150592.0/16
 Left Out: -5258.932+/-0.000 χ^2/NDF : 639767885689374953846002118656698351616.0/11
 Right Out: -1017.680+/-0.000 χ^2/NDF : 852354346622995689266162288487263371264.0/17
 Left In: -5698.540+/-0.000 χ^2/NDF : 354071828835191382316642971835621703680.0/10

dit_sam6_coil3_err_mean vs Slug



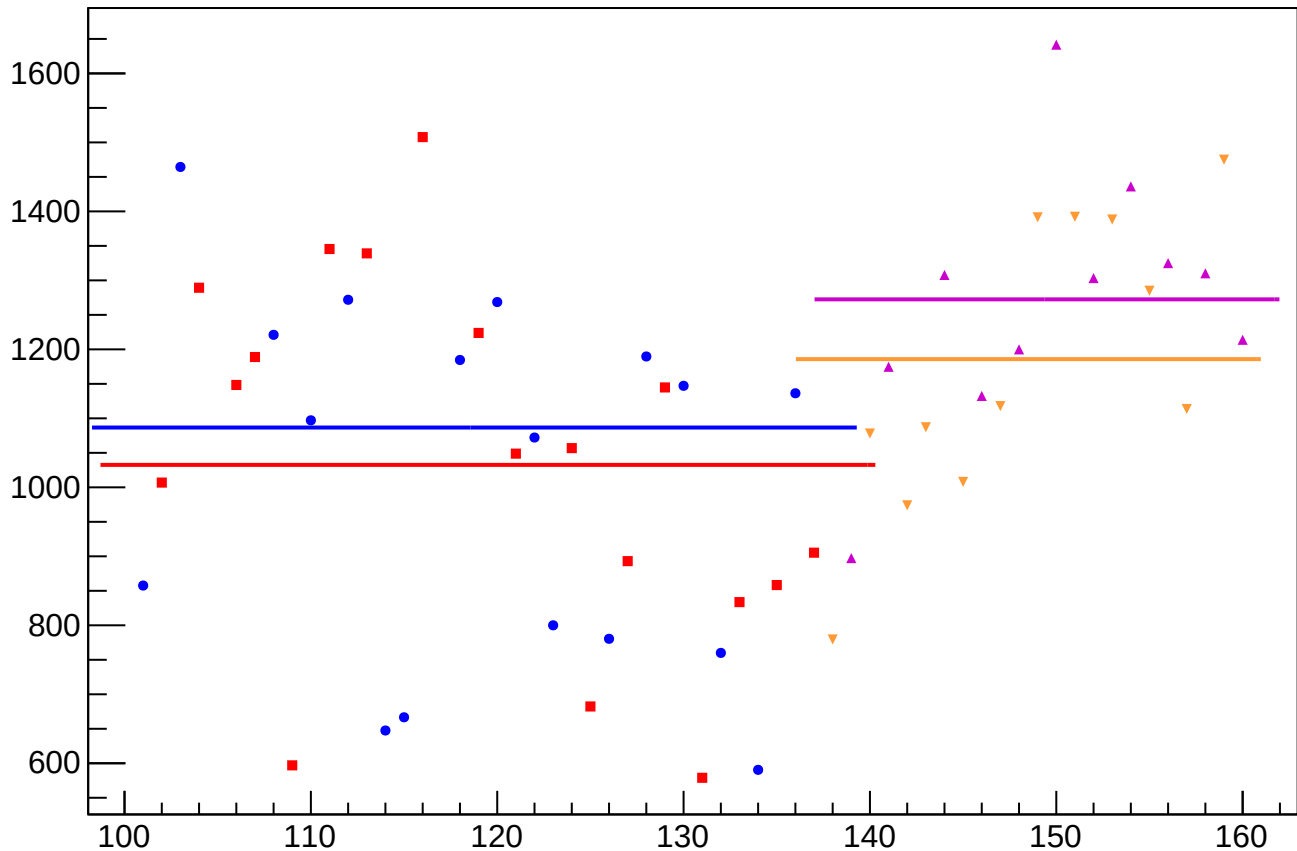
Right In: 112.364+/-0.000 χ^2/NDF : 704132882376699060399654305188020224.0/16

Left Out: 142.624+/-0.000 χ^2/NDF : 490075896728839516785223596523913216.0/11

Right Out: 109.364+/-0.000 χ^2/NDF : 838845293661778137888588246433136640.0/17

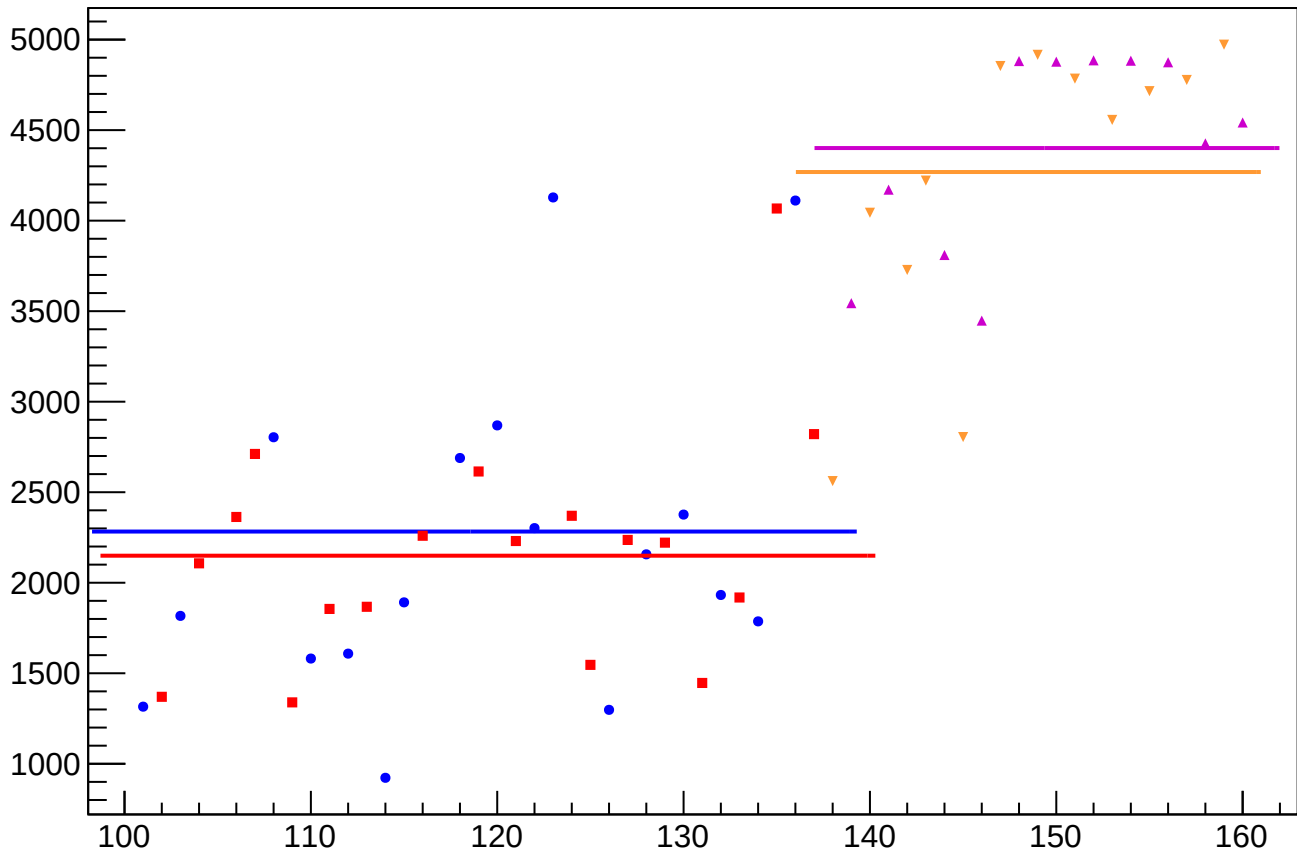
Left In: 151.432+/-0.000 χ^2/NDF : 371010449971260656611055665401561088.0/10

dit_sam6_coil3_Ndata_mean vs Slug



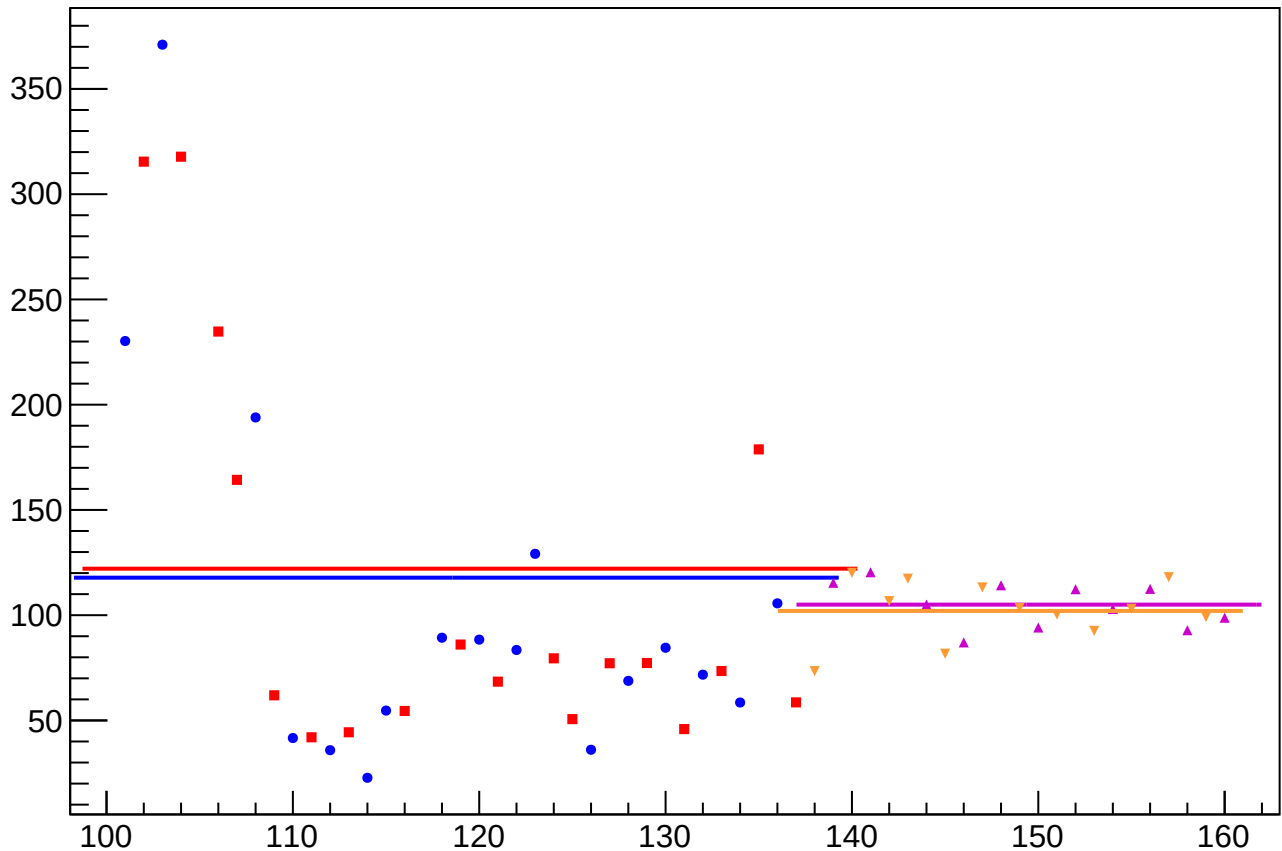
Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	+ sign 1142.906+/-0.000	χ^2/NDF : 76037619994785
Left Out: 1185.823+/-0.000	χ^2/NDF : 37557683033316568818198536296895348736.0/11	All: 1155.825+/-0.000	χ^2/NDF : 17736486682
Right Out: 1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	- sign 1168.390+/-0.000	χ^2/NDF : 10079953084874
Left In: 1272.495+/-0.000	χ^2/NDF : 29878198288838193261445678233542459392.0/10		

dit_sam7_coil3_mean vs Slug



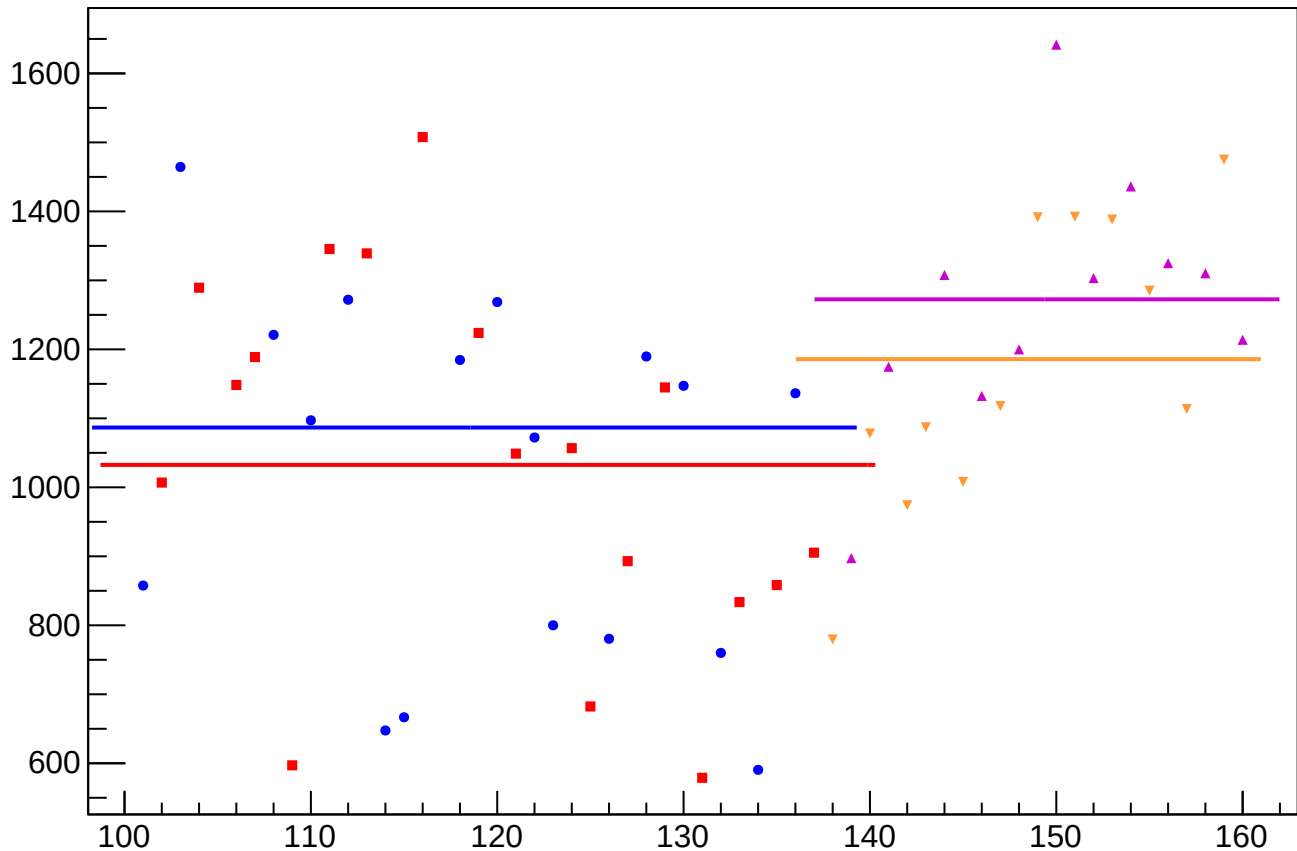
Right In: 2282.778+/-0.000	χ^2/NDF : 521869333583833068444115371437594771456.0/16	+ sign 3408.873+/-0.000	χ^2/NDF : 26501985285389
Left Out: 4268.620+/-0.000	χ^2/NDF : 576373438836983826408088908187698200576.0/11	All: 3416.605+/-0.000	χ^2/NDF : 52945556048
Right Out: 2149.386+/-0.000	χ^2/NDF : 320631411360836158094549979591860027392.0/17	- sign 3424.125+/-0.000	χ^2/NDF : 26441680407788
Left In: 4401.016+/-0.000	χ^2/NDF : 271313470445828573503909403246788083712.0/10		

dit_sam7_coil3_err_mean vs Slug



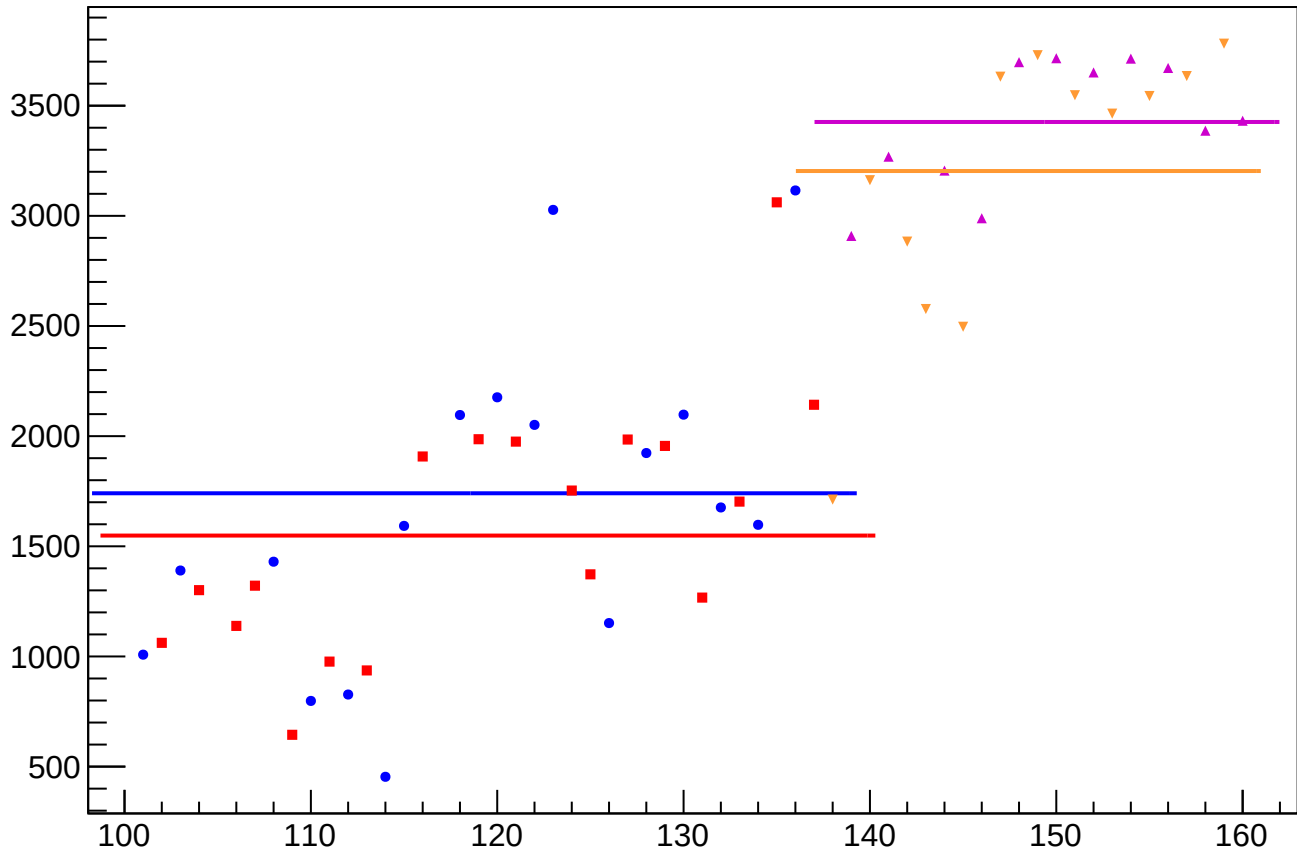
Right In: 117.825 $\pm$ 0.000 χ^2 /NDF: 6199421197695716182570916449760575488.0/16
 Left Out: 102.028 $\pm$ 0.000 χ^2 /NDF: 177124098717282134999436009607790592.0/11
 Right Out: 122.099 $\pm$ 0.000 χ^2 /NDF: 6546124684147045667679194482005245952.0/17
 Left In: 105.016 $\pm$ 0.000 χ^2 /NDF: 98103905520424947900201643718737920.0/10

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11
 Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

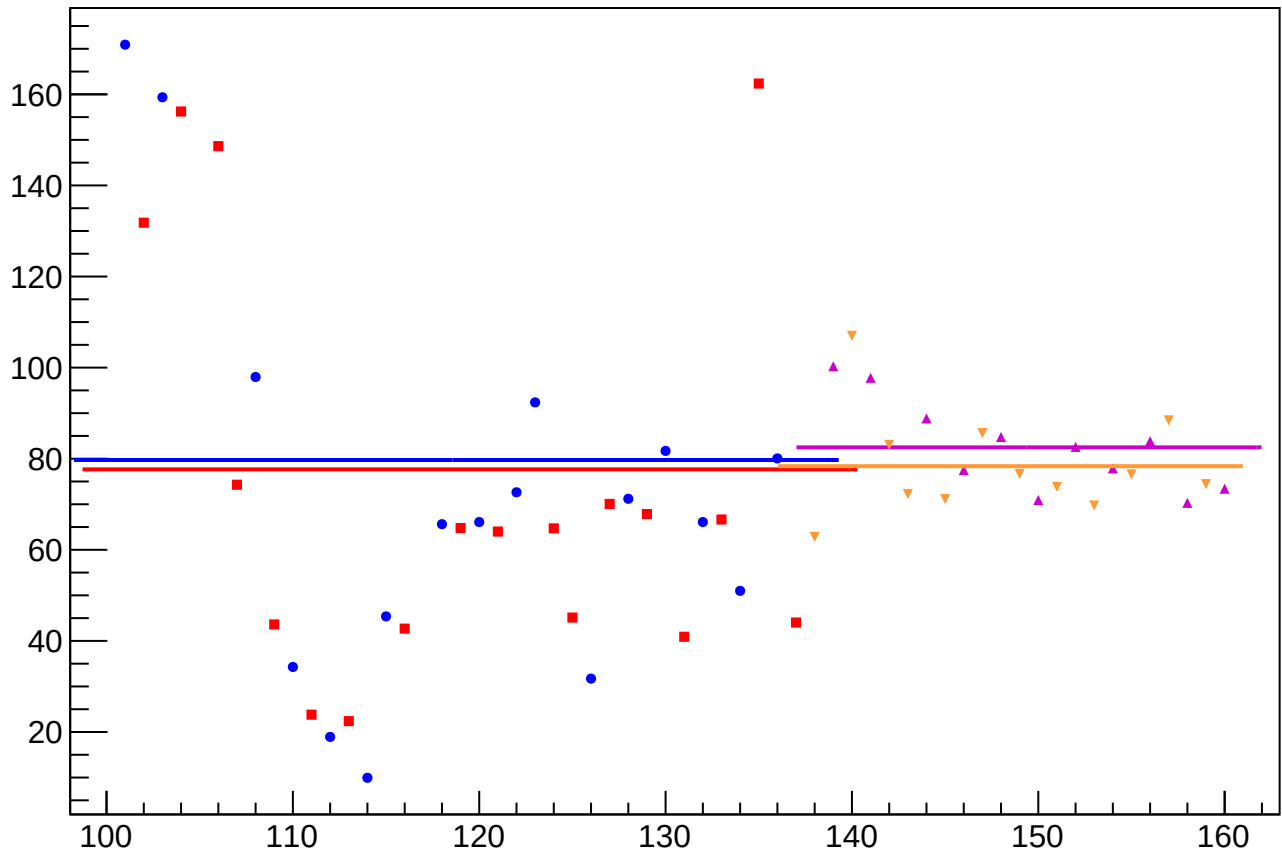
dit_sam8_coil3_mean vs Slug



Right In: 1740.720+/-0.000 χ^2/NDF : 348962001897552007024222547428010622976.0/16
 Left Out: 3203.449+/-0.000 χ^2/NDF : 345784551251095236762093437118983438336.0/11
 Right Out: 1548.740+/-0.000 χ^2/NDF : 255013280564316736413287354207314116608.0/17
 Left In: 3426.091+/-0.000 χ^2/NDF : 74472499127256765634021143910696353792.0/10

+ sign 2570.178+/-0.000 χ^2/NDF : 15367580317098
 All: 2591.168+/-0.000 χ^2/NDF : 32942998363
 - sign 2611.585+/-0.000 χ^2/NDF : 17561485835715

dit_sam8_coil3_err_mean vs Slug



Right In: 79.722 $\pm$ 0.000 χ^2 /NDF: 1349884201001122025991797772619087872.0/16

+ sign 78.947 $\pm$ 0.000 χ^2 /NDF: 1465514520750782

Left Out: 78.356 $\pm$ 0.000 χ^2 /NDF: 114896120803259231895139298203140096.0/11

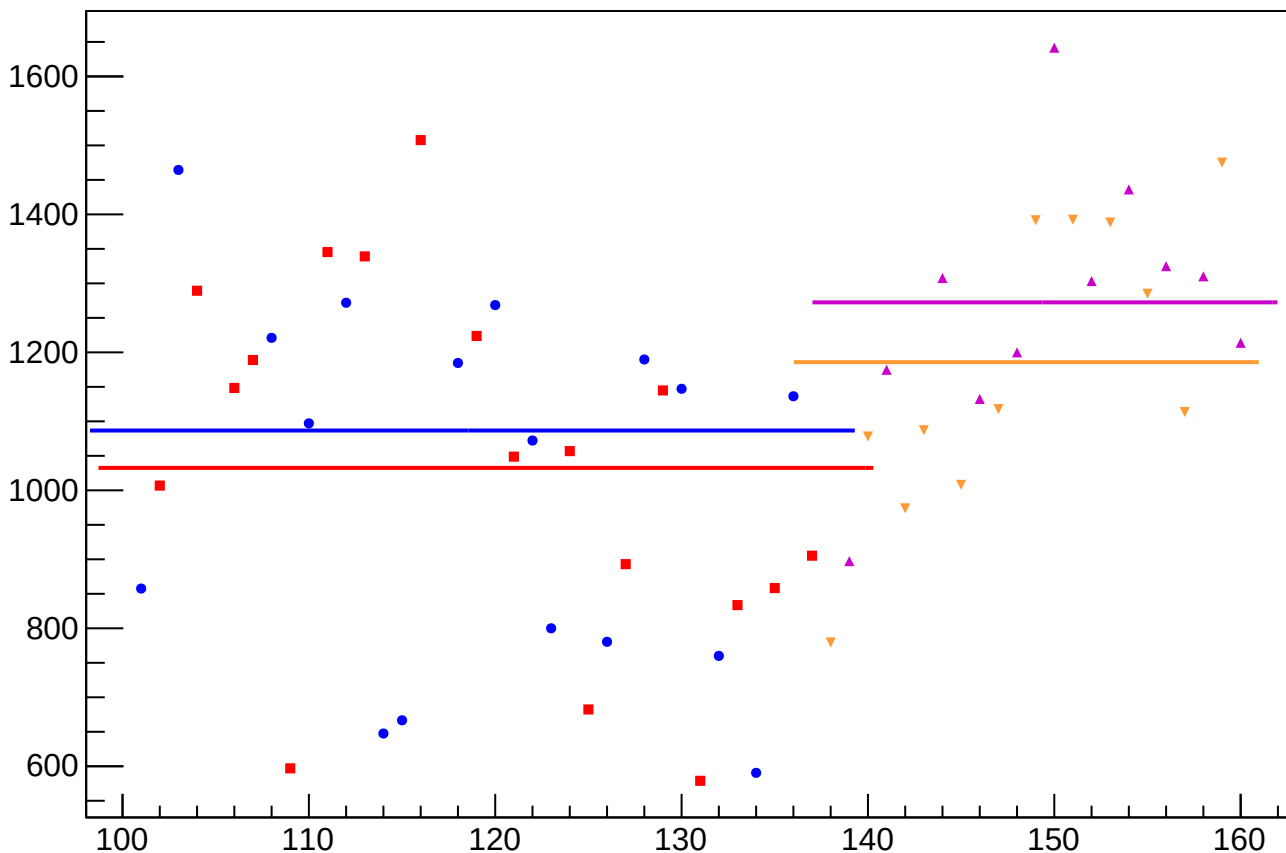
All: 79.681 $\pm$ 0.000 χ^2 /NDF: 3045128611296

Right Out: 77.658 $\pm$ 0.000 χ^2 /NDF: 1483793243606577649503828870787235840.0/17

- sign 80.396 $\pm$ 0.000 χ^2 /NDF: 1577908853053275

Left In: 82.494 $\pm$ 0.000 χ^2 /NDF: 84649934677405665053102578448990208.0/10

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1185.823+/-0.000 χ^2/NDF : 37557683033316568818198536296895348736.0/11

Right Out: 1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17

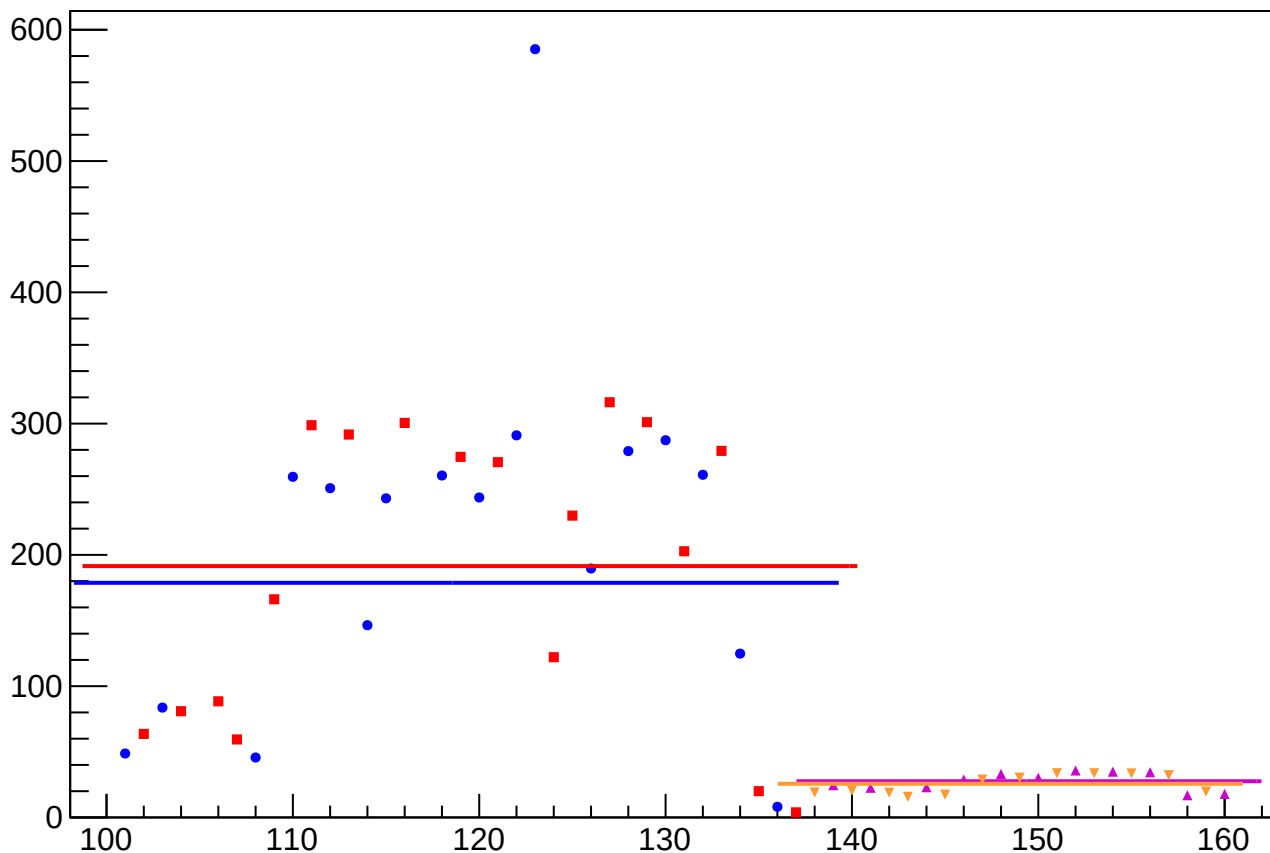
Left In: 1272.495+/-0.000 χ^2/NDF : 29878198288838193261445678233542459392.0/10

+ sign 1142.906+/-0.000 χ^2/NDF : 76037619994785

All: 1155.825+/-0.000 χ^2/NDF : 17736486682

- sign 1168.390+/-0.000 χ^2/NDF : 10079953084874

dit_4aX_coil7_mean vs Slug



Right In: 178.734+/-0.000 χ^2/NDF : 8494804765562228204327834177712947200.0/16

Left Out: 25.670+/-0.000 χ^2/NDF : 43615942339742127541727339141398528.0/11

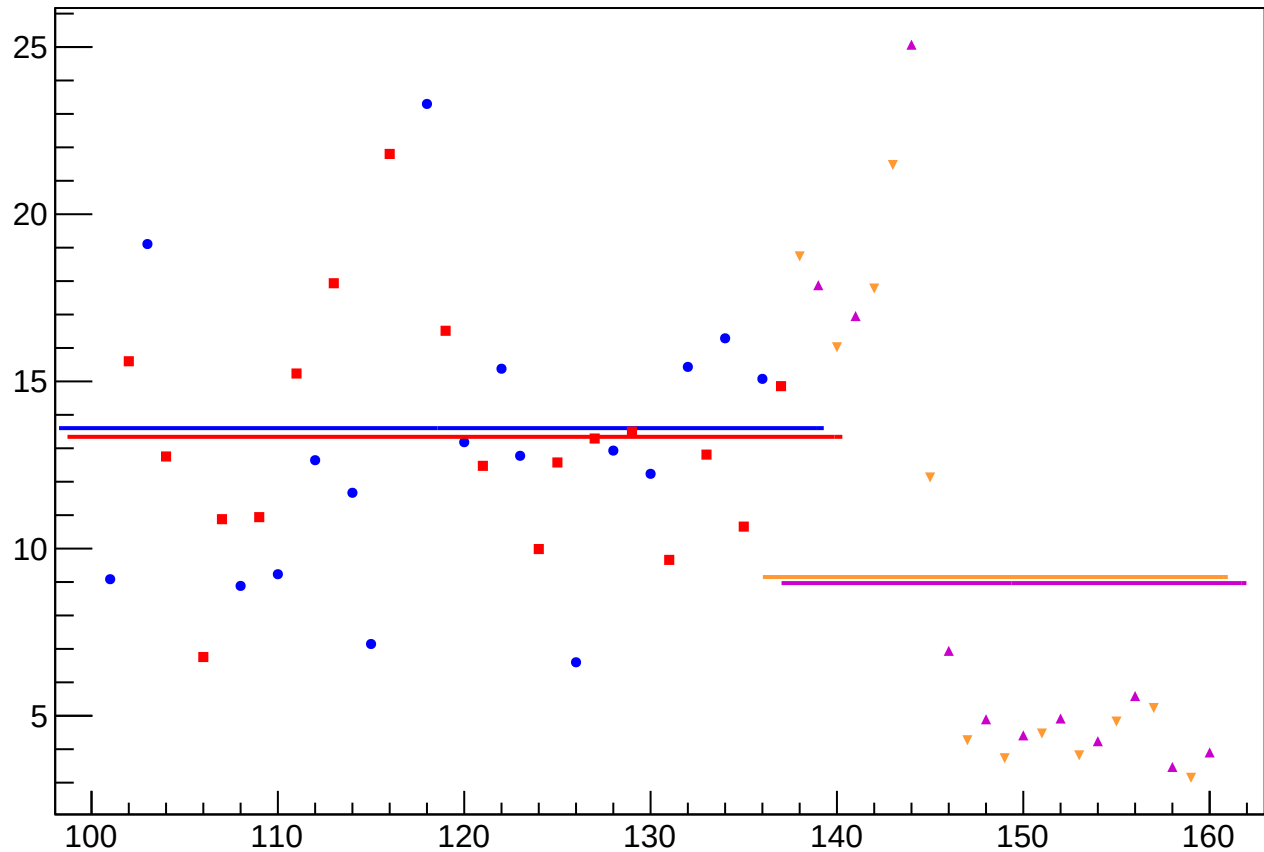
Right Out: 191.483+/-0.000 χ^2/NDF : 8150461362250913614126902389436841984.0/17

Left In: 27.579+/-0.000 χ^2/NDF : 39364281565589269782784177585782784.0/10

All: 95.361+/-0.000 χ^2/NDF : 3685990233363

- sign 98.690+/-0.000 χ^2/NDF : 1906430157501196

dit_4aX_coil7_err_mean vs Slug



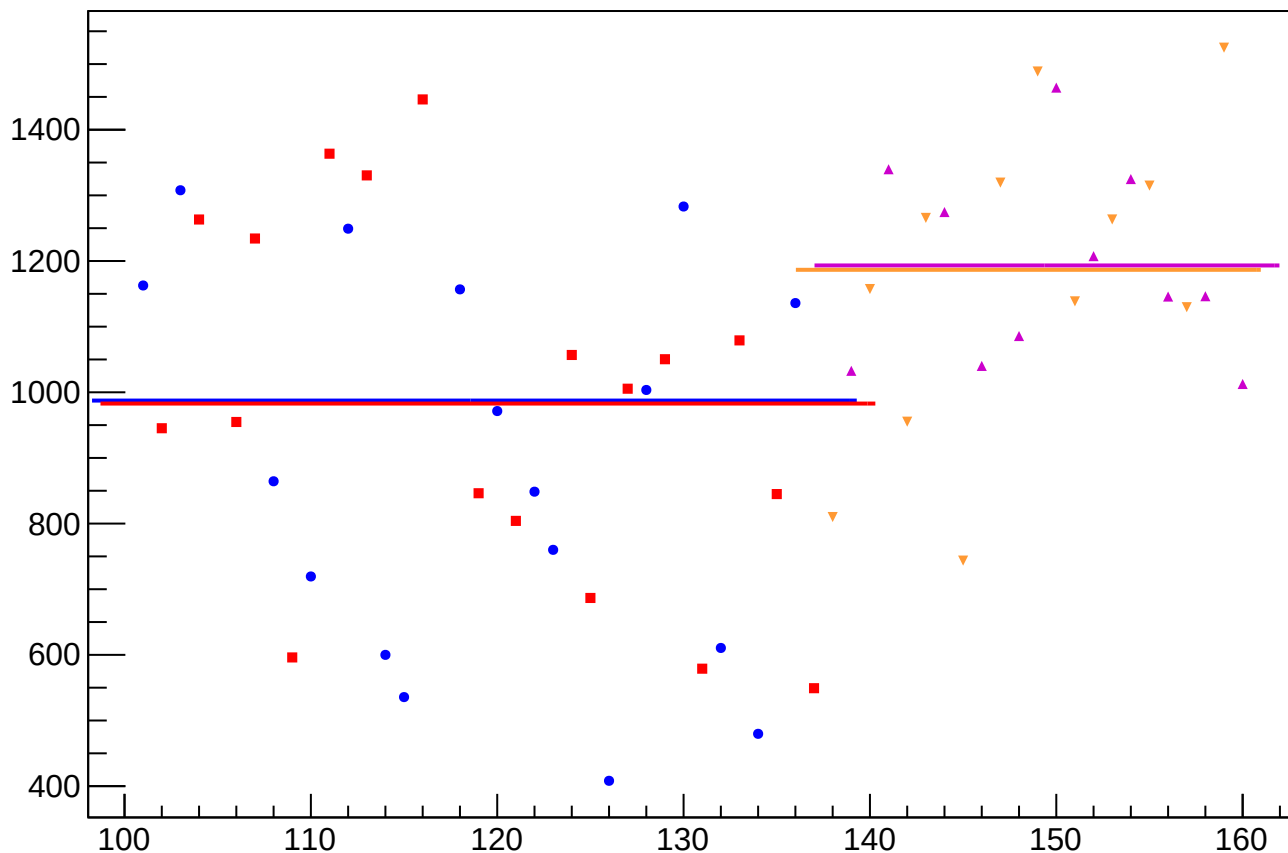
Right In: 13.603+/-0.000 χ^2/NDF : 12735243270159378009596948914372608.0/16

Left Out: 9.150+/-0.000 χ^2/NDF : 39277872742254074386096302311079936.0/11

Right Out: 13.343+/-0.000 χ^2/NDF : 6808158047357444632184742387646464.0/17

Left In: 8.968+/-0.000 χ^2/NDF : 47457578467091168331445311669010432.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

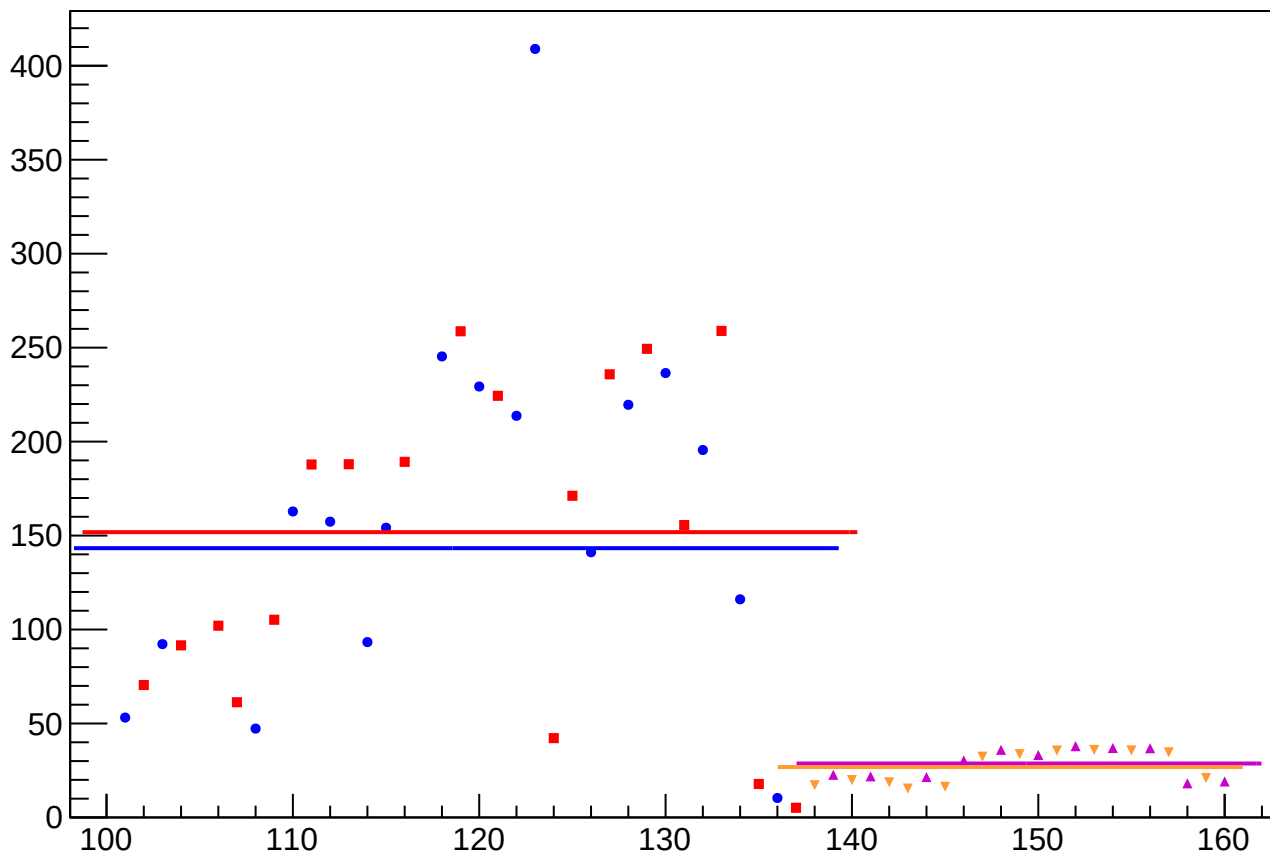
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_4eX_coil7_mean vs Slug



Right In: 143.291+/-0.000 χ^2/NDF : 4778890435983165530583685149403119616.0/16

+ sign 77.242+/-0.000 χ^2/NDF : 1018246611470824

Left Out: 26.816+/-0.000 χ^2/NDF : 64568009381250036040665945578930176.0/11

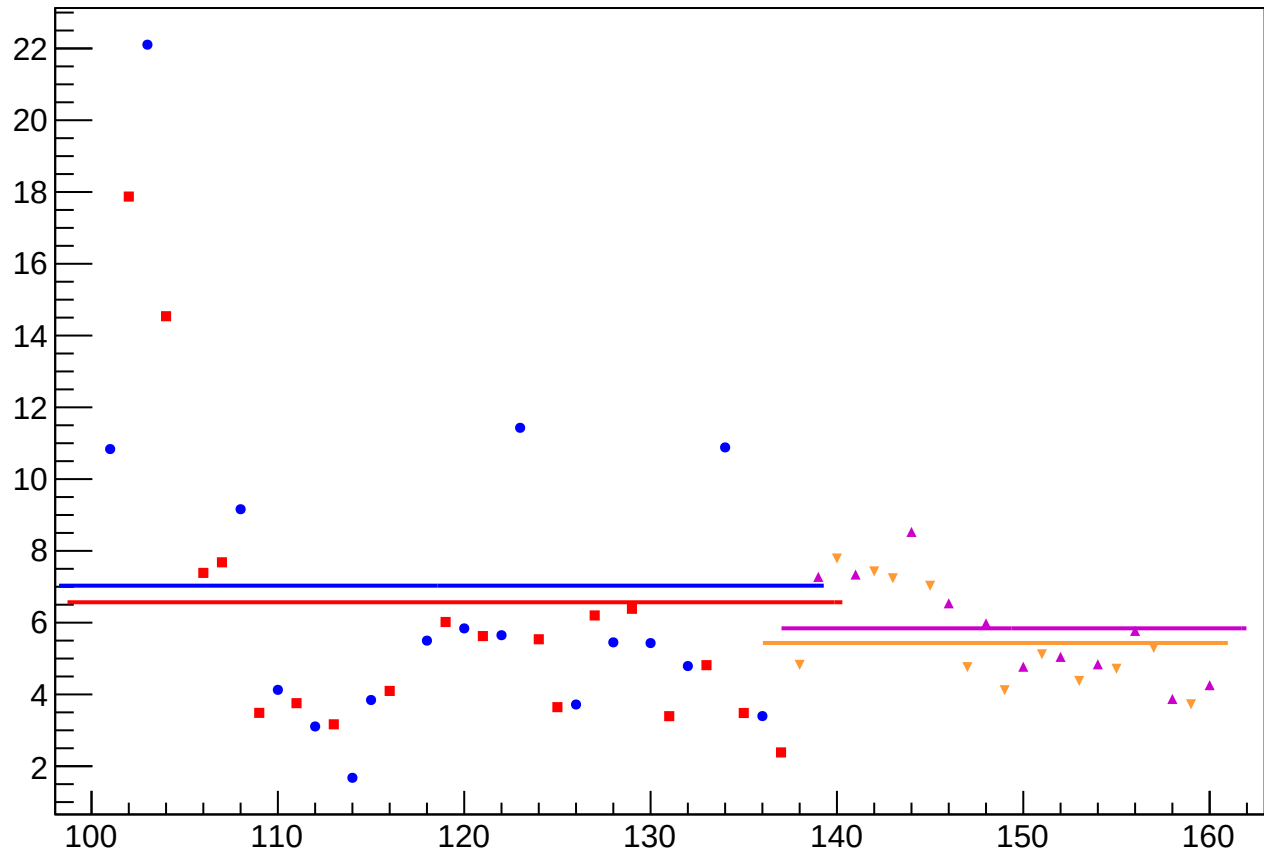
All: 79.715+/-0.000 χ^2/NDF : 2104303776530

Right Out: 151.819+/-0.000 χ^2/NDF : 4652479354515348530637943017457057792.0/17

- sign 82.120+/-0.000 χ^2/NDF : 1084124173399382

Left In: 28.706+/-0.000 χ^2/NDF : 53446645713086882216161894618628096.0/10

dit_4eX_coil7_err_mean vs Slug



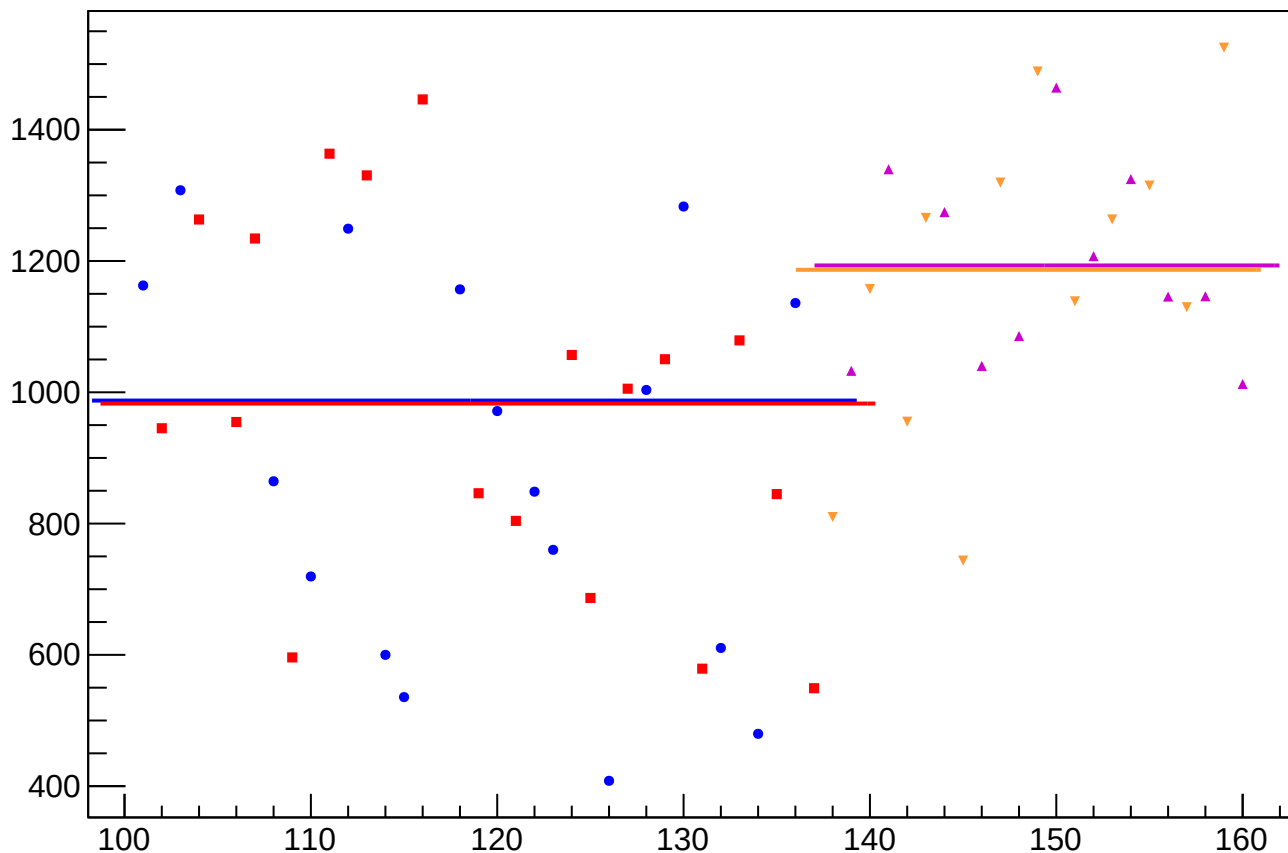
Right In: 7.031+/-0.000 χ^2/NDF : 18686972393169306014765519518826496.0/16

Left Out: 5.434+/-0.000 χ^2/NDF : 1641961615493557983490036107051008.0/11

Right Out: 6.568+/-0.000 χ^2/NDF : 13908005278630821419370553666437120.0/17

Left In: 5.842+/-0.000 χ^2/NDF : 1812226966420315112479835300036608.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

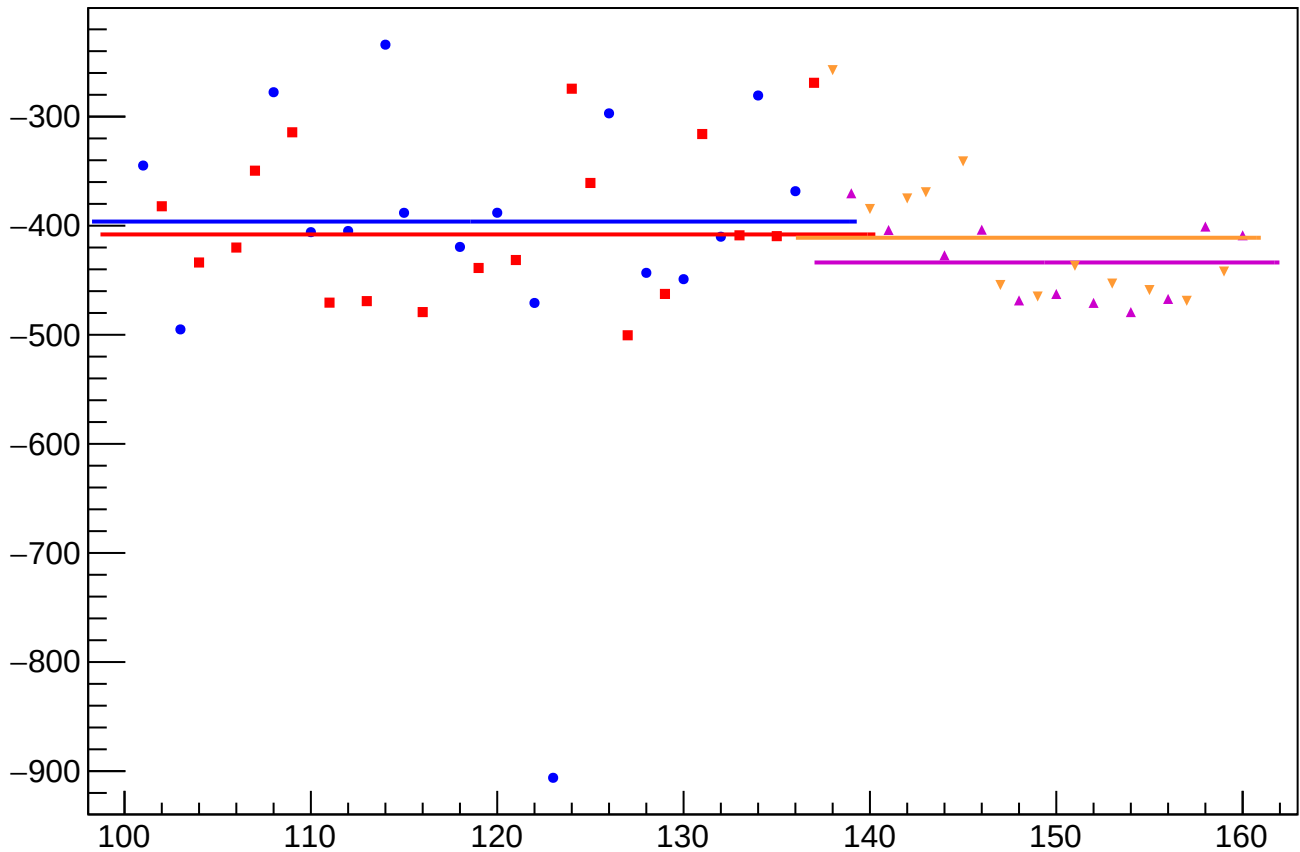
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_11X12X_coil7_mean vs Slug



Right In: -396.205+/-0.000 χ^2/NDF : 3915339787327324310697642459645607936.0/16

Left Out: -411.042+/-0.000 χ^2/NDF : 3555989077784945680272383641089212416.0/11

Right Out: -408.004+/-0.000 χ^2/NDF : 2700413725595197389596215208912617472.0/17

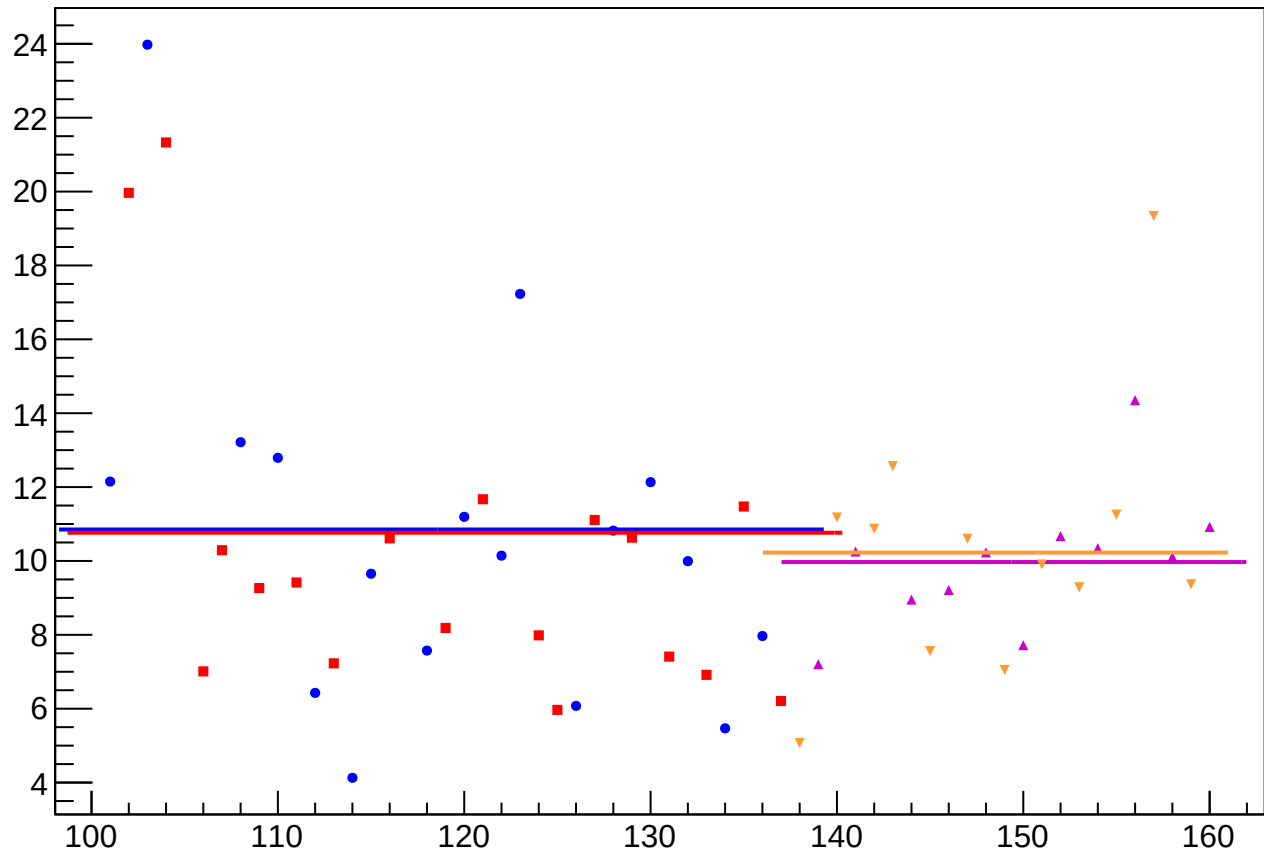
Left In: -433.711+/-0.000 χ^2/NDF : 1189526132627930234621779098826964992.0/10

All: -413.713+/-0.000 χ^2/NDF : 11976916890

+ sign -404.619+/-0.000 χ^2/NDF : 75579682652677

- sign -422.558+/-0.000 χ^2/NDF : 415744047977943

dit_11X12X_coil7_err_mean vs Slug



Right In: 10.851+/-0.000 χ^2/NDF : 15284459899452545966128799384862720.0/16

Left Out: 10.227+/-0.000 χ^2/NDF : 10321587584551104331954948537319424.0/11

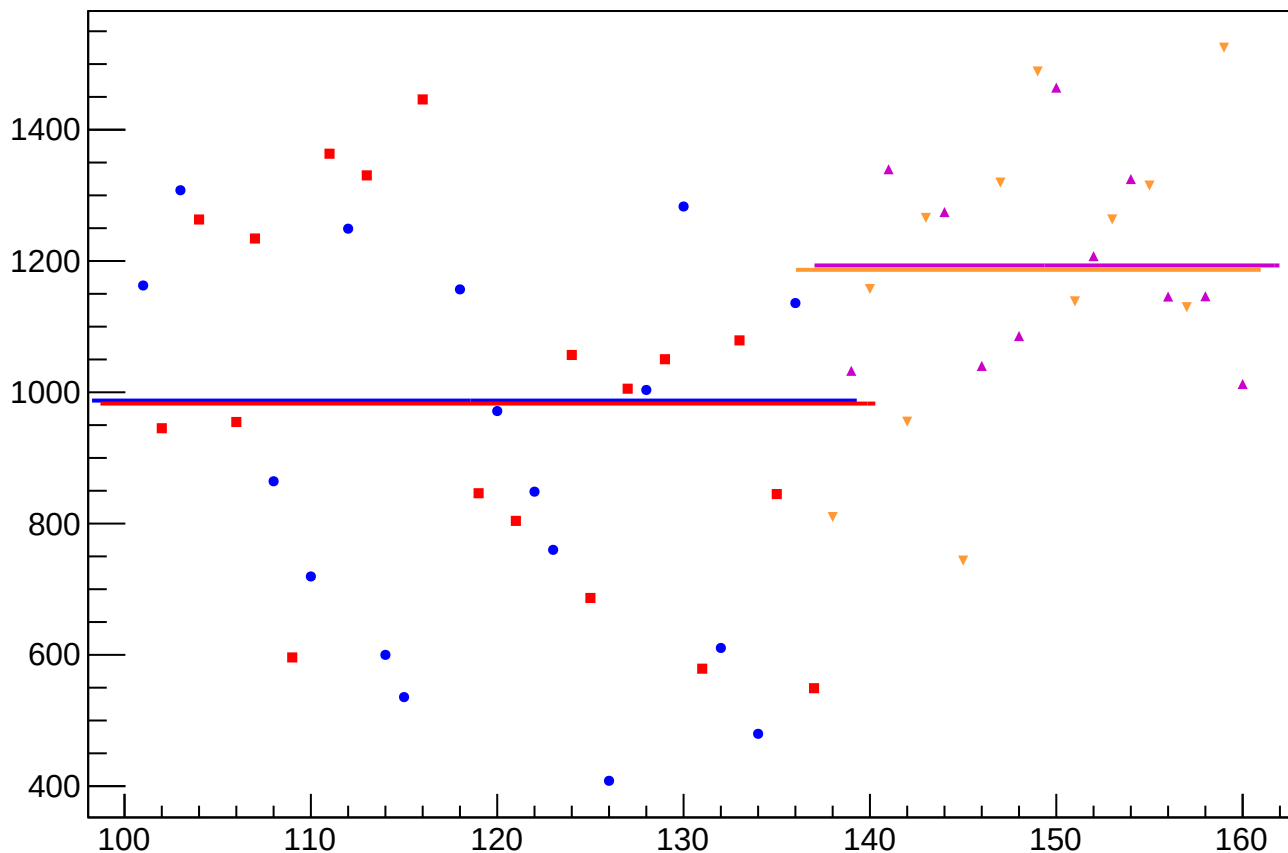
Right Out: 10.764+/-0.000 χ^2/NDF : 14575858748491423837639288498946048.0/17

Left In: 9.971+/-0.000 χ^2/NDF : 2900670082842124382118820523802624.0/10

All: 10.405+/-0.000 χ^2/NDF : 4351812926390

- sign 10.315+/-0.000 χ^2/NDF : 1773149218135601

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 4976336201955548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

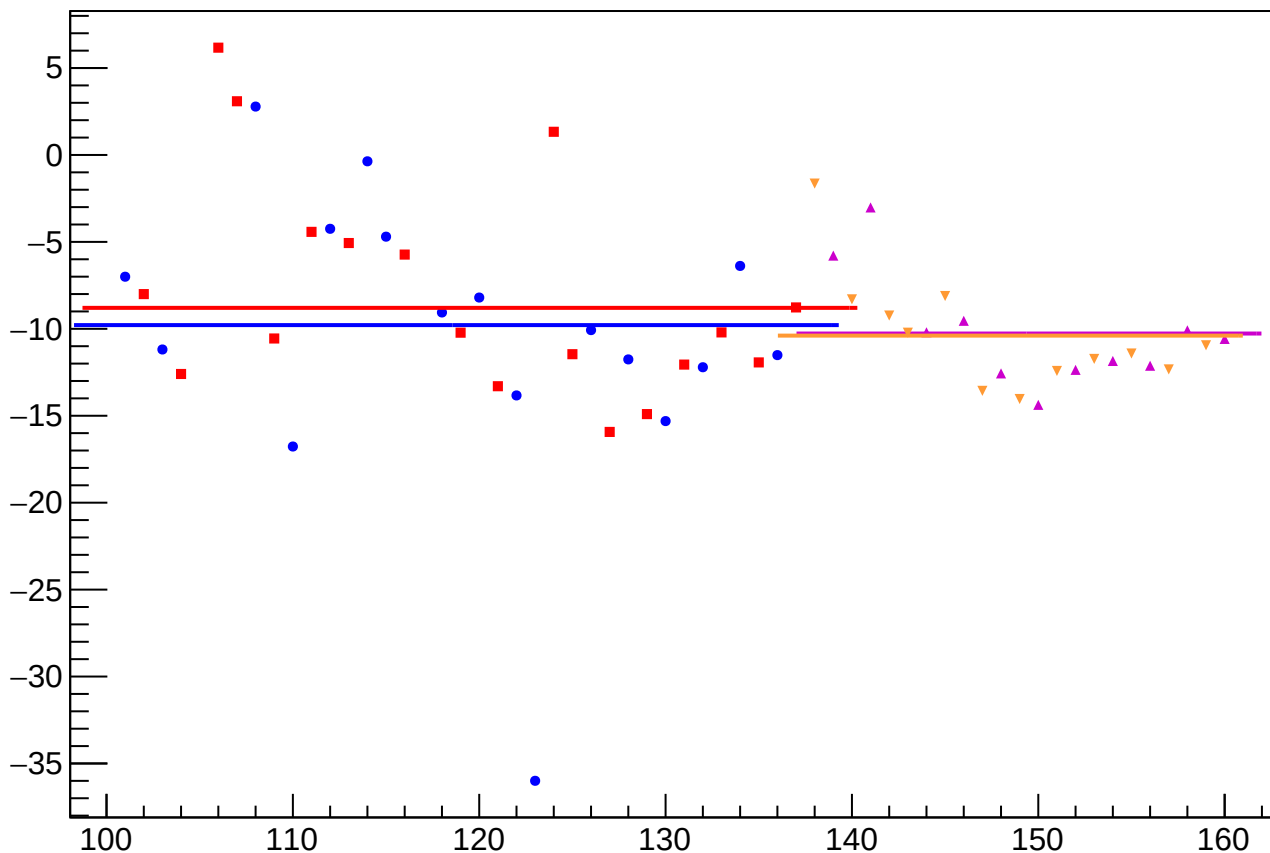
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_4aY_coil7_mean vs Slug



Right In: -9.786+/-0.000 χ^2/NDF : 17296683010620060540445571791454208.0/16

Left Out: -10.390+/-0.000 χ^2/NDF : 9553348608714345843286370808758272.0/11

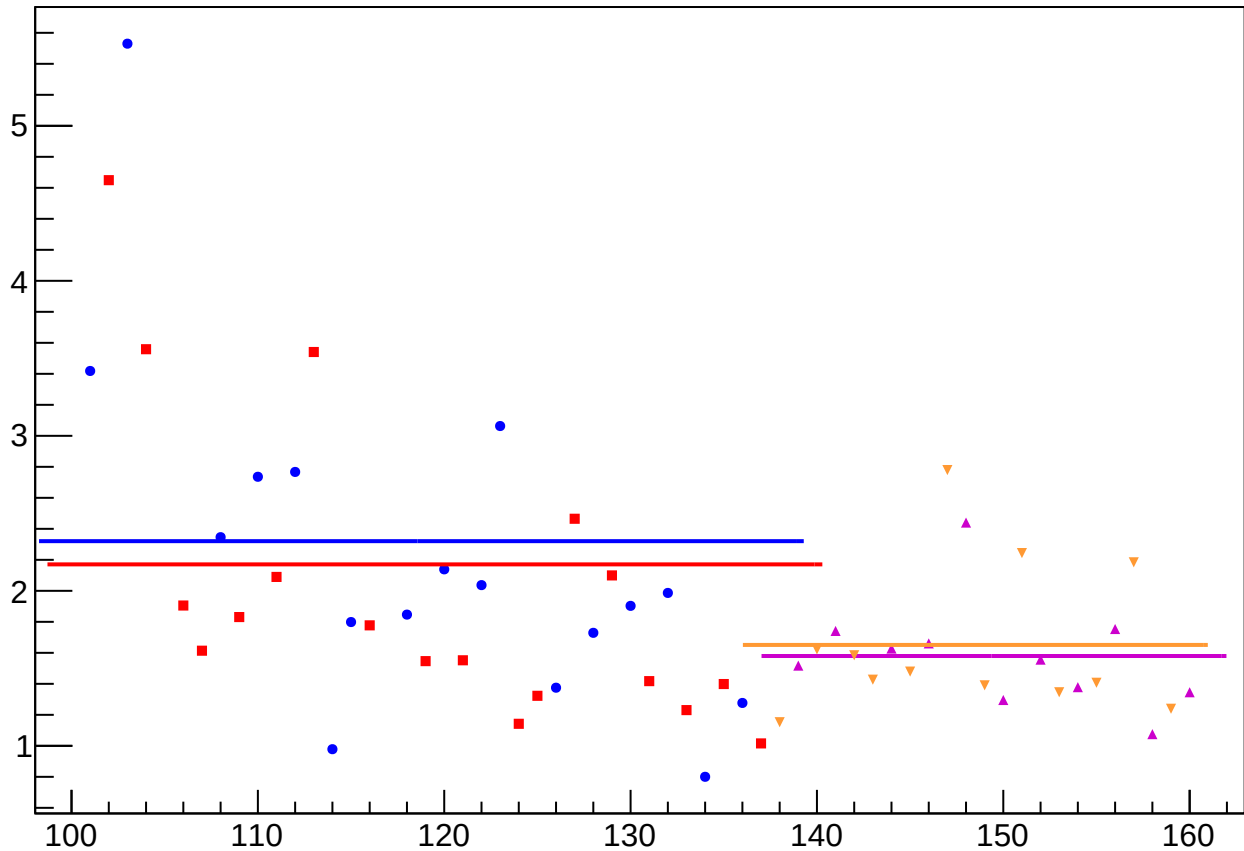
Right Out: -8.794+/-0.000 χ^2/NDF : 21979472889395409230974985175040000.0/17

Left In: -10.271+/-0.000 χ^2/NDF : 9001548873812579955640597255028736.0/10

All: -9.876+/-0.000 χ^2/NDF : 5905971963543

- sign -9.630+/-0.000 χ^2/NDF : 31863923080018953

dit_4aY_coil7_err_mean vs Slug



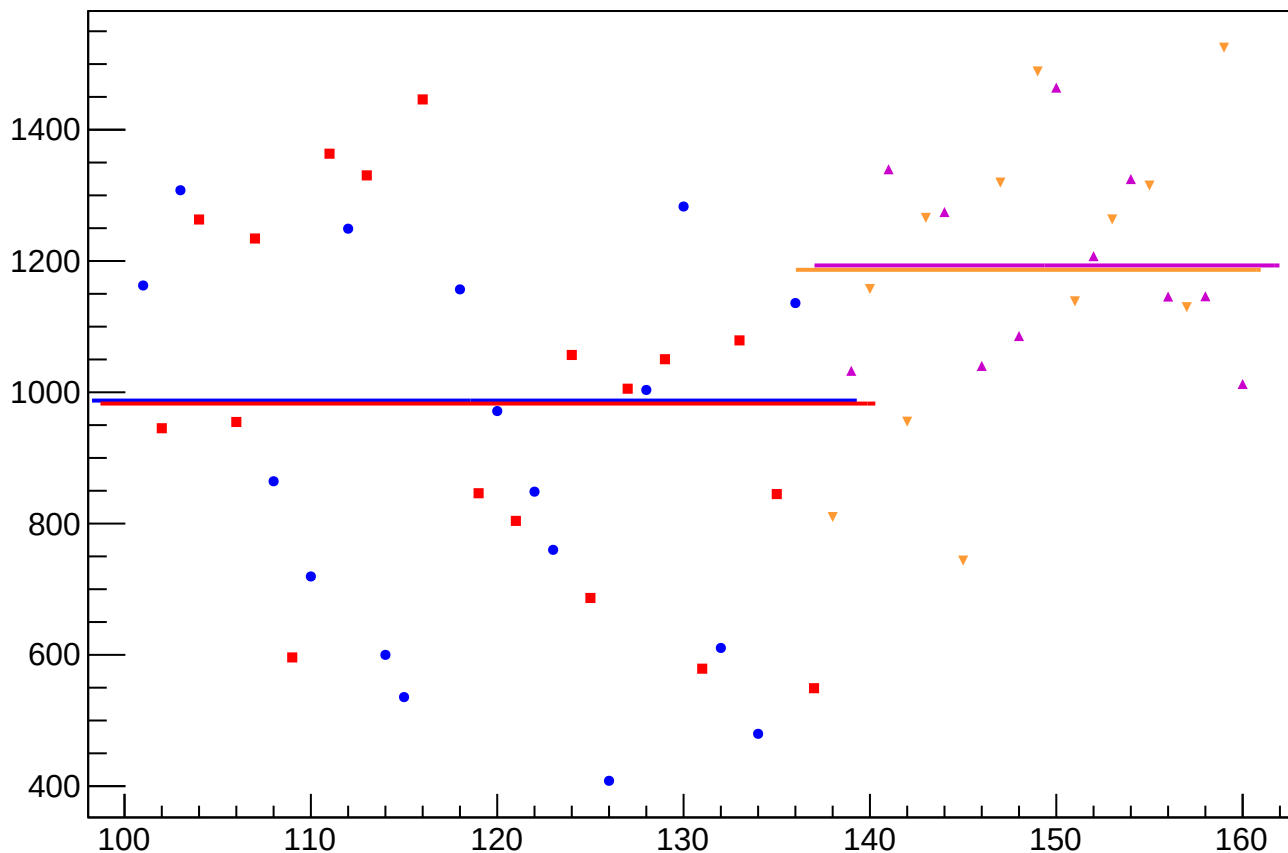
Right In: 2.320+/-0.000	χ^2/NDF : 951785069007432203128626661556224.0/16
Left Out: 1.651+/-0.000	χ^2/NDF : 204626857159139136985355773804544.0/11
Right Out: 2.171+/-0.000	χ^2/NDF : 756432905902484239494035607126016.0/17
Left In: 1.580+/-0.000	χ^2/NDF : 104047648288543214499863879221248.0/10

+ sign 1.941+/-0.000 χ^2/NDF : 13327985740188847

All: 1.888+/-0.000 χ^2/NDF : 23436522644769

- sign 1.836+/-0.000 χ^2/NDF : 10019203800642055

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

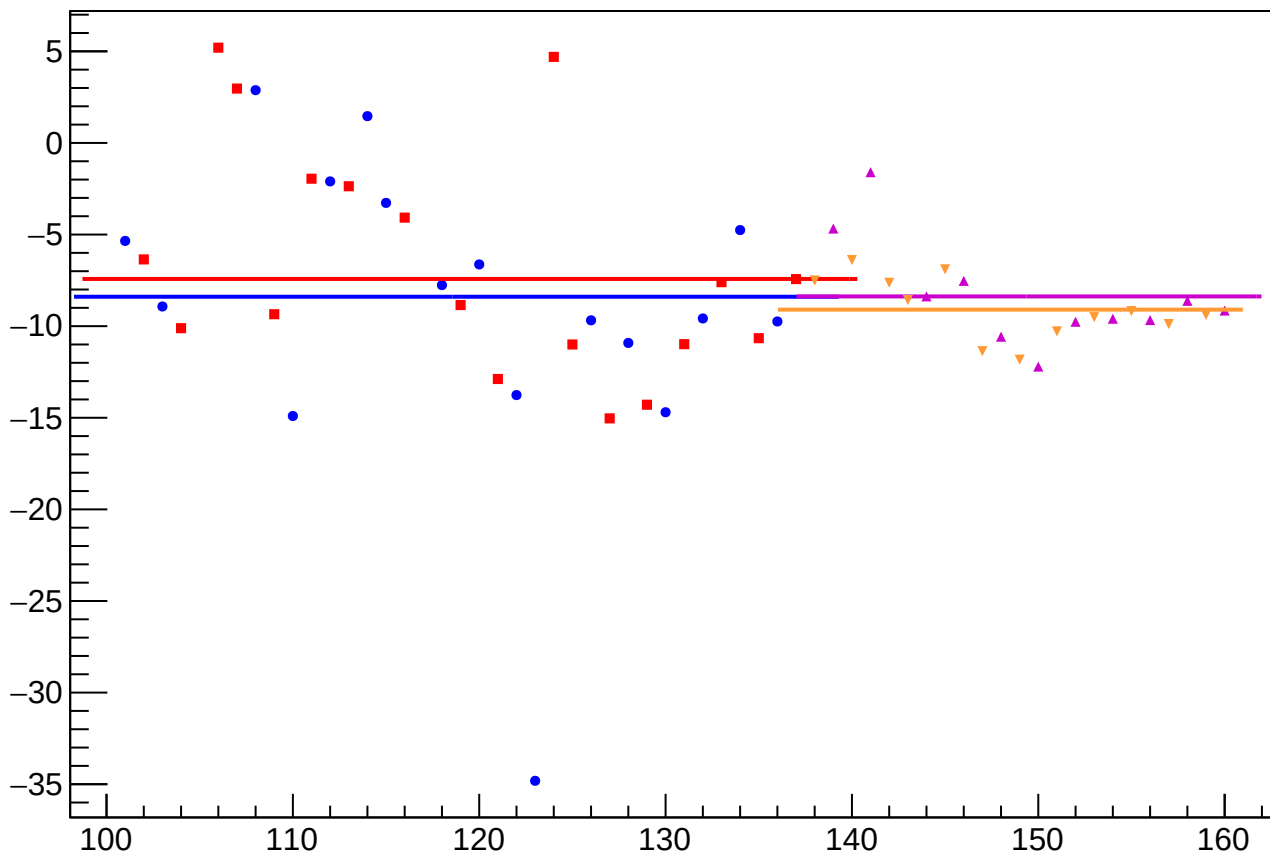
All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

dit_4eY_coil7_mean vs Slug



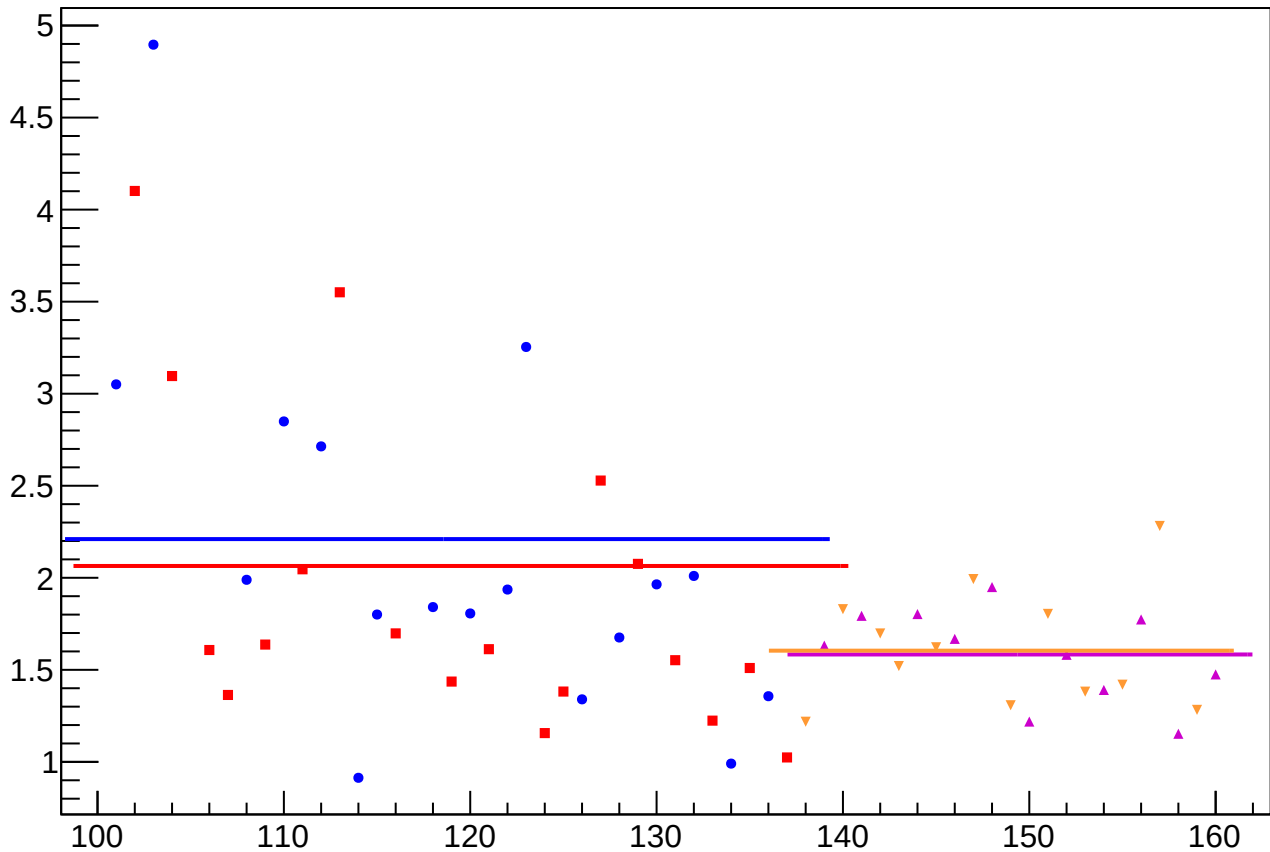
Right In: -8.394 ± 0.000 χ^2/NDF : 17454293749905596935063382469378048.0/16

Left Out: -9.098 ± 0.000 χ^2/NDF : 2495166400033821389722475105878016.0/11

Right Out: -7.423 ± 0.000 χ^2/NDF : 21448737498509381182656193641840640.0/17

Left In: -8.377 ± 0.000 χ^2/NDF : 7305049621104210689876244459159552.0/10

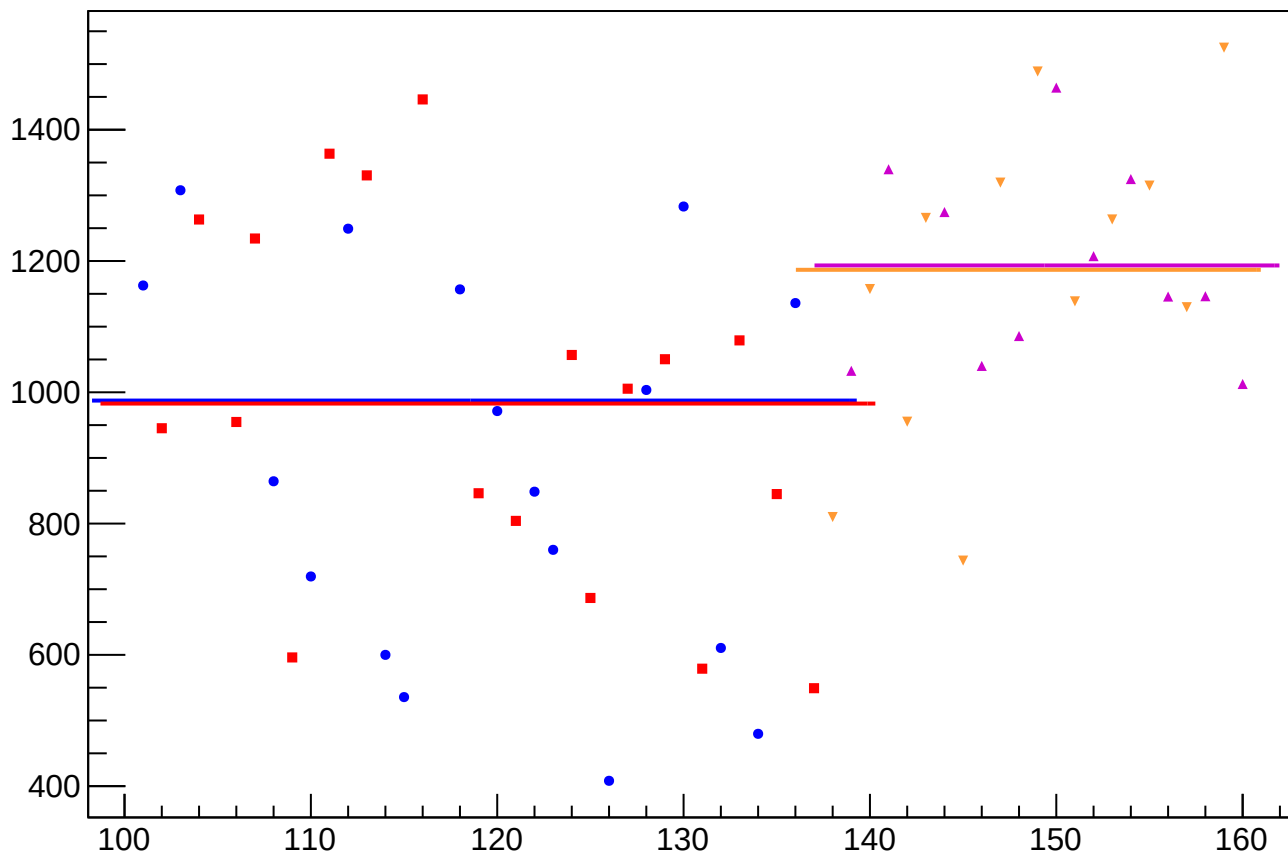
dit_4eY_coil7_err_mean vs Slug



Right In: 2.210 $\pm$ 0.000 χ^2 /NDF: 685219894303103753186103173054464.0/16
 Left Out: 1.604 $\pm$ 0.000 χ^2 /NDF: 88134442876960203086974867734528.0/11
 Right Out: 2.064 $\pm$ 0.000 χ^2 /NDF: 574315722841914805756407412948992.0/17
 Left In: 1.583 $\pm$ 0.000 χ^2 /NDF: 54376045146817744012212281802752.0/10

+ sign 1.867 $\pm$ 0.000 χ^2 /NDF: 91790498723522989
 All: 1.829 $\pm$ 0.000 χ^2 /NDF: 16446751324639
 - sign 1.792 $\pm$ 0.000 χ^2 /NDF: 72225739278983995

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

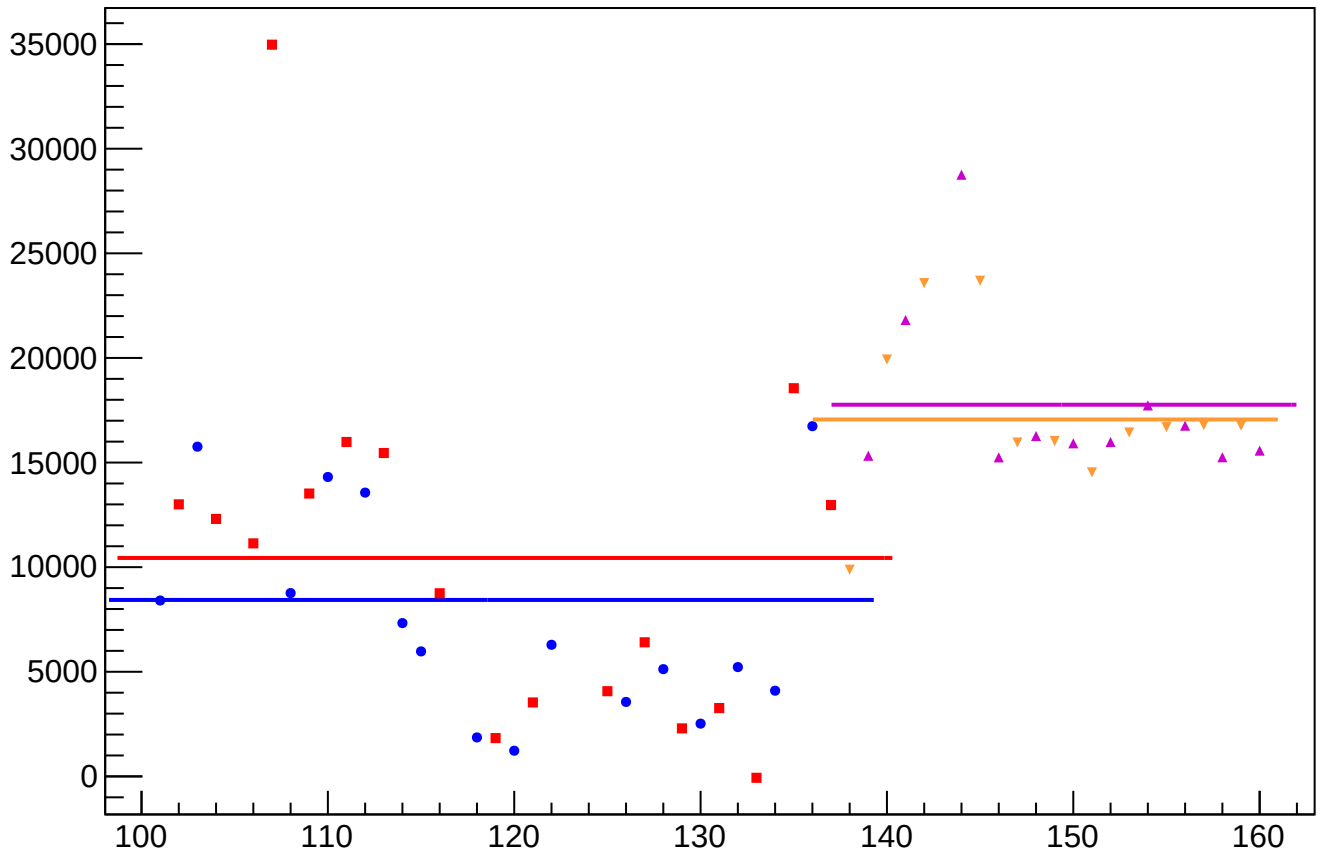
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

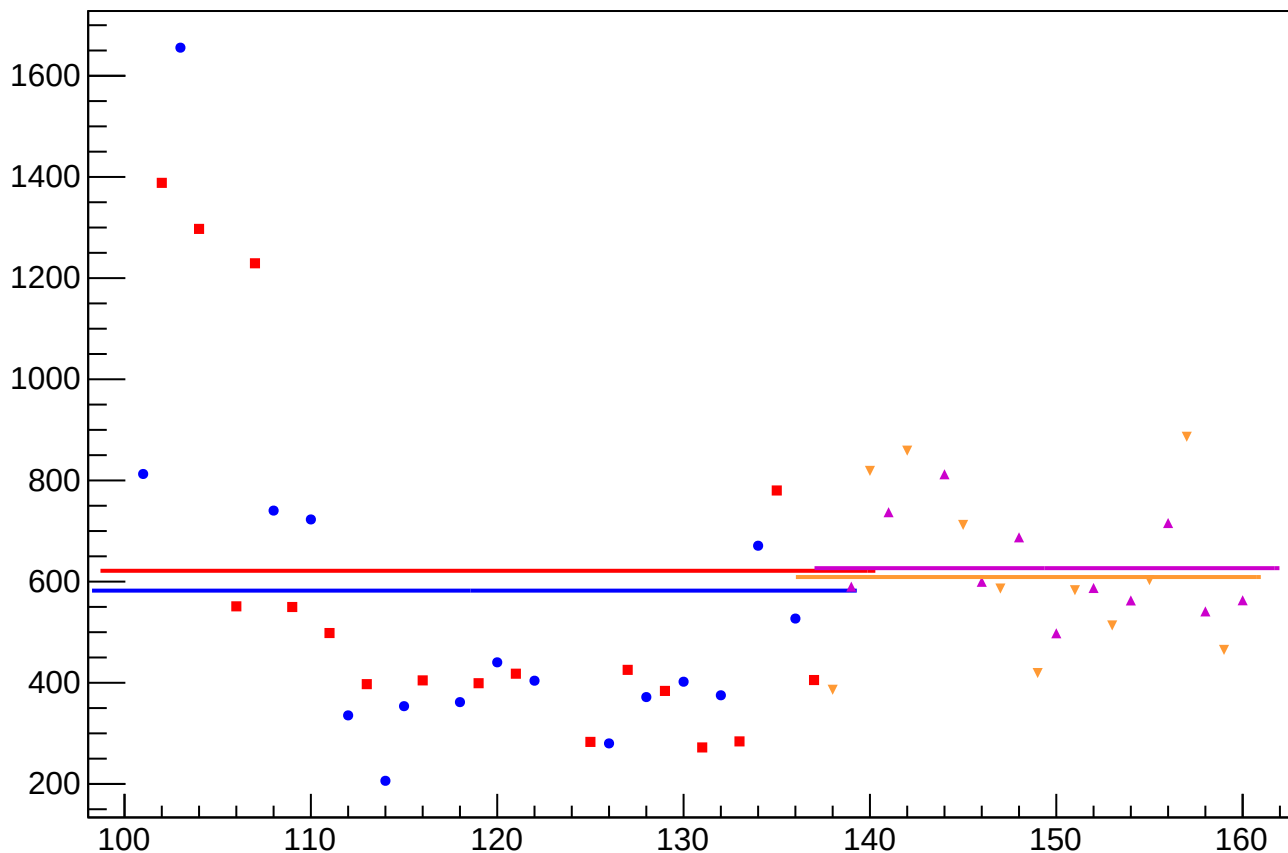
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_usl_coil7_mean vs Slug



Right In: 8433.891+/-0.000 χ^2/NDF : 20327422028204985369763408215621299601408.0/15
 Left Out: 17058.273+/-0.000 χ^2/NDF : 10811611646396396135044758761220754898944.0/10
 Right Out: 10440.704+/-0.000 χ^2/NDF : 45868144044016746065453678570140629729280.0/16
 Left In: 17763.145+/-0.000 χ^2/NDF : 14921716045152593676189631342379599396864.0/10

dit_usl_coil7_err_mean vs Slug



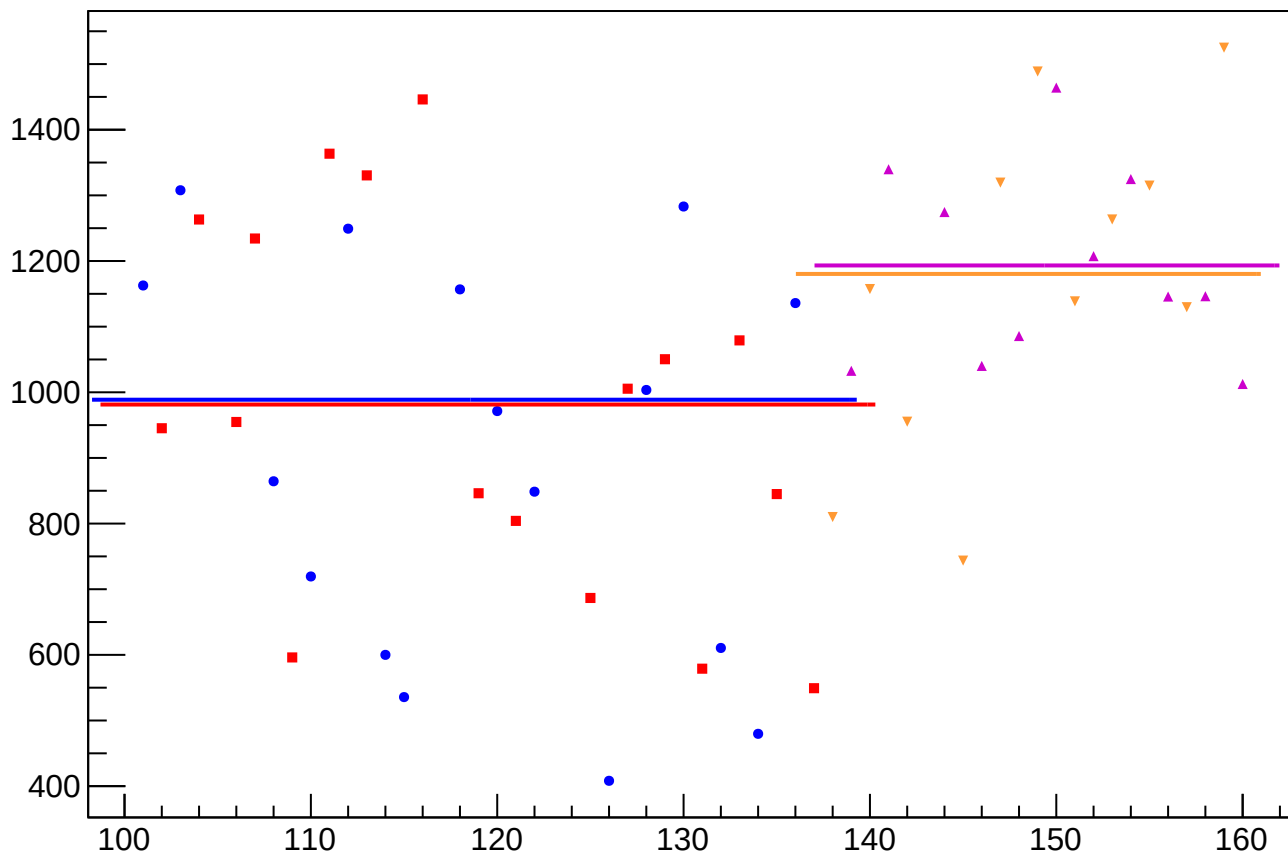
Right In: 582.194+/-0.000 χ^2/NDF : 92652521491388929844313077938841976832.0/15

Left Out: 609.049+/-0.000 χ^2/NDF : 22435846570397404635858963221446656000.0/10

Right Out: 621.413+/-0.000 χ^2/NDF : 99044900314697449740386824149731901440.0/16

Left In: 626.604+/-0.000 χ^2/NDF : 8153830016512989620574087402930307072.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 988.706+/-0.000 χ^2/NDF : 52363367379197496459026096064200441856.0/15

Left Out: 1180.302+/-0.000 χ^2/NDF : 49311054965426356670958856612989632512.0/10

Right Out: 981.352+/-0.000 χ^2/NDF : 48028000110939353209143459445919973376.0/16

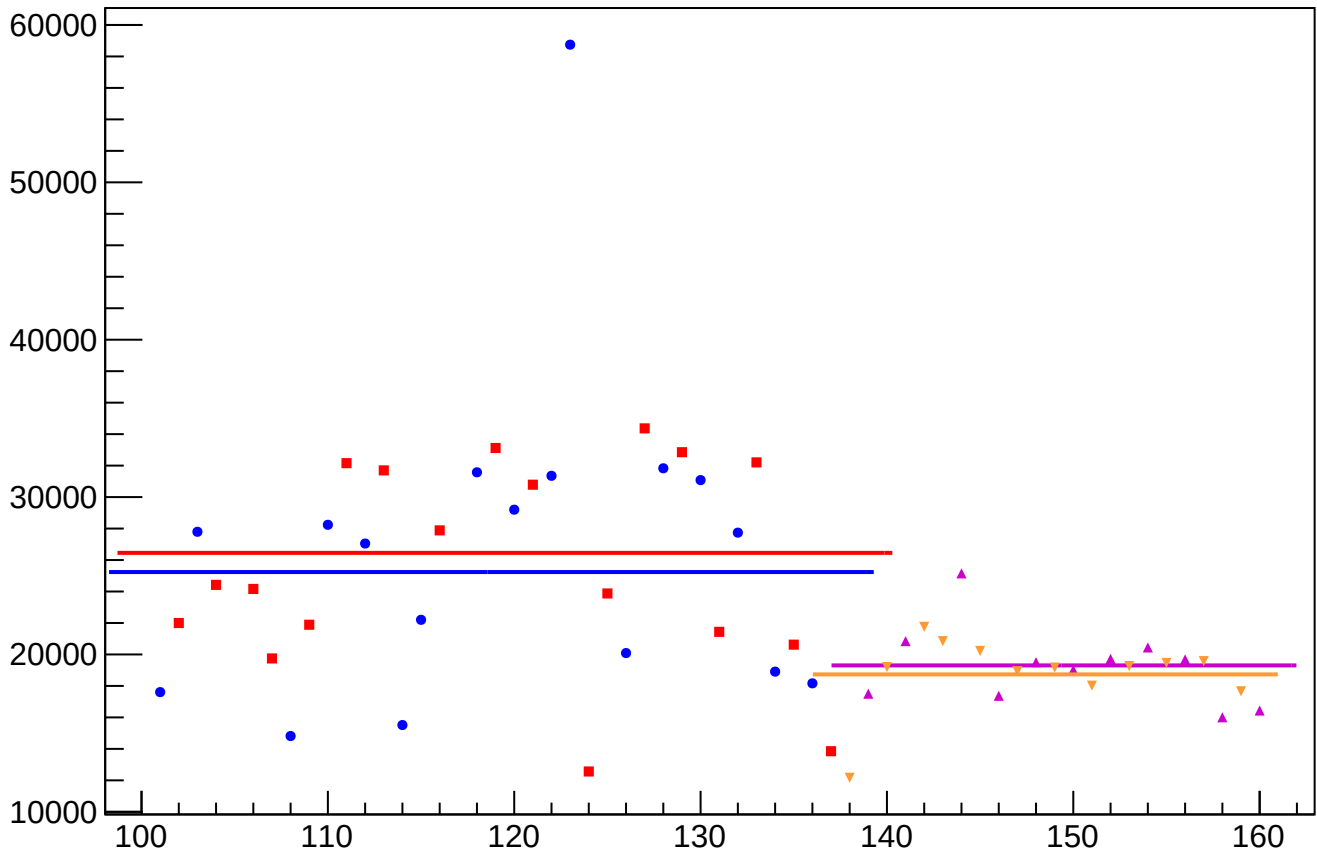
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1094.008+/-0.000 χ^2/NDF : 11559555857982

All: 1098.305+/-0.000 χ^2/NDF : 20036689043

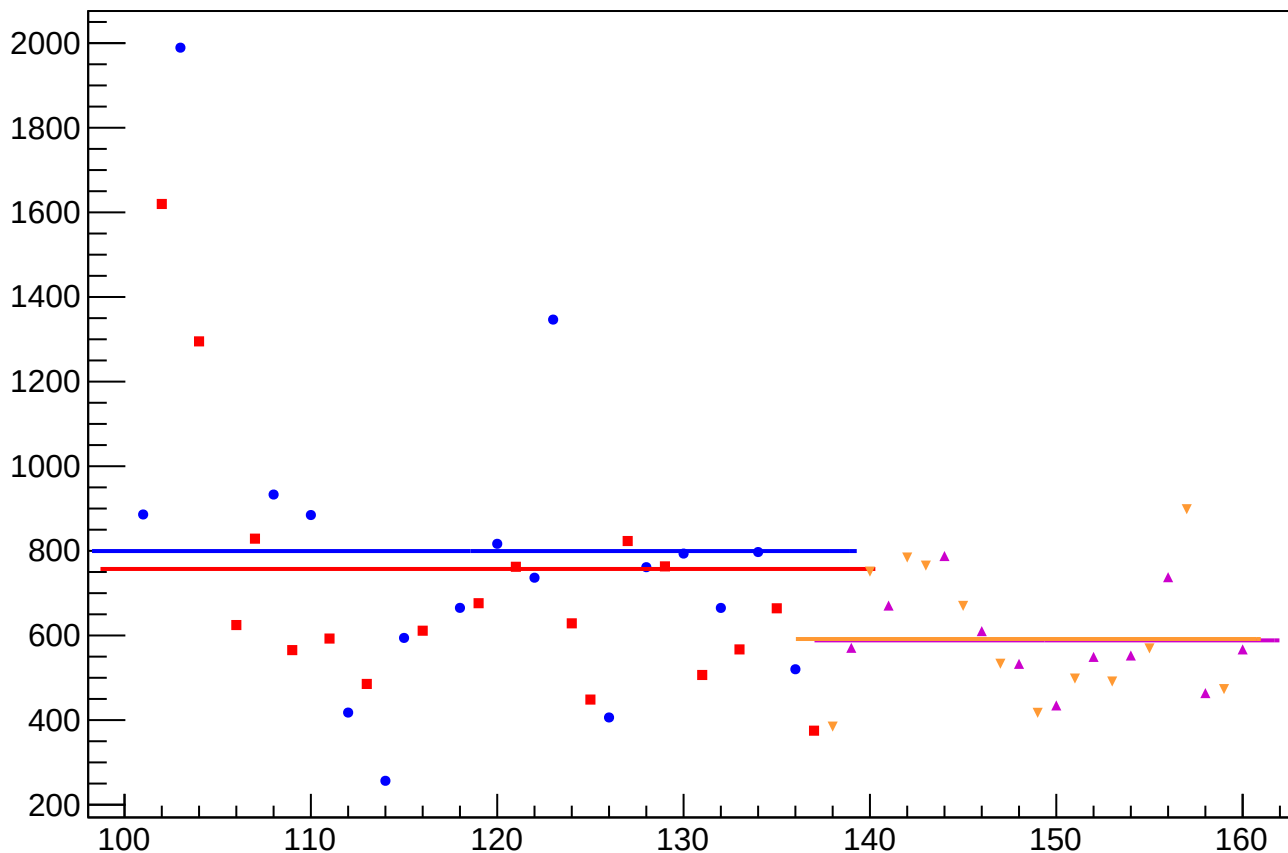
- sign 1102.333+/-0.000 χ^2/NDF : 84716540764657

dit_usr_coil7_mean vs Slug



Right In: 25236.317+/-0.000 χ^2/NDF : 29071522213059582283269412071648973029376.0/16
 Left Out: 18733.088+/-0.000 χ^2/NDF : 4548859708795276009115062862764547506176.0/11
 Right Out: 26455.988+/-0.000 χ^2/NDF : 24365500126615965846523683173160051539968.0/17
 Left In: 19304.267+/-0.000 χ^2/NDF : 5534312846763223984199919197299769606144.0/10

dit_usr_coil7_err_mean vs Slug



Right In: 799.524+/-0.000 χ^2/NDF : 112536154235498414231657645251770712064.0/16

+ sign 681.634+/-0.000 χ^2/NDF : 151644951305294

Left Out: 591.628+/-0.000 χ^2/NDF : 22099670593221557738114196407951818752.0/11

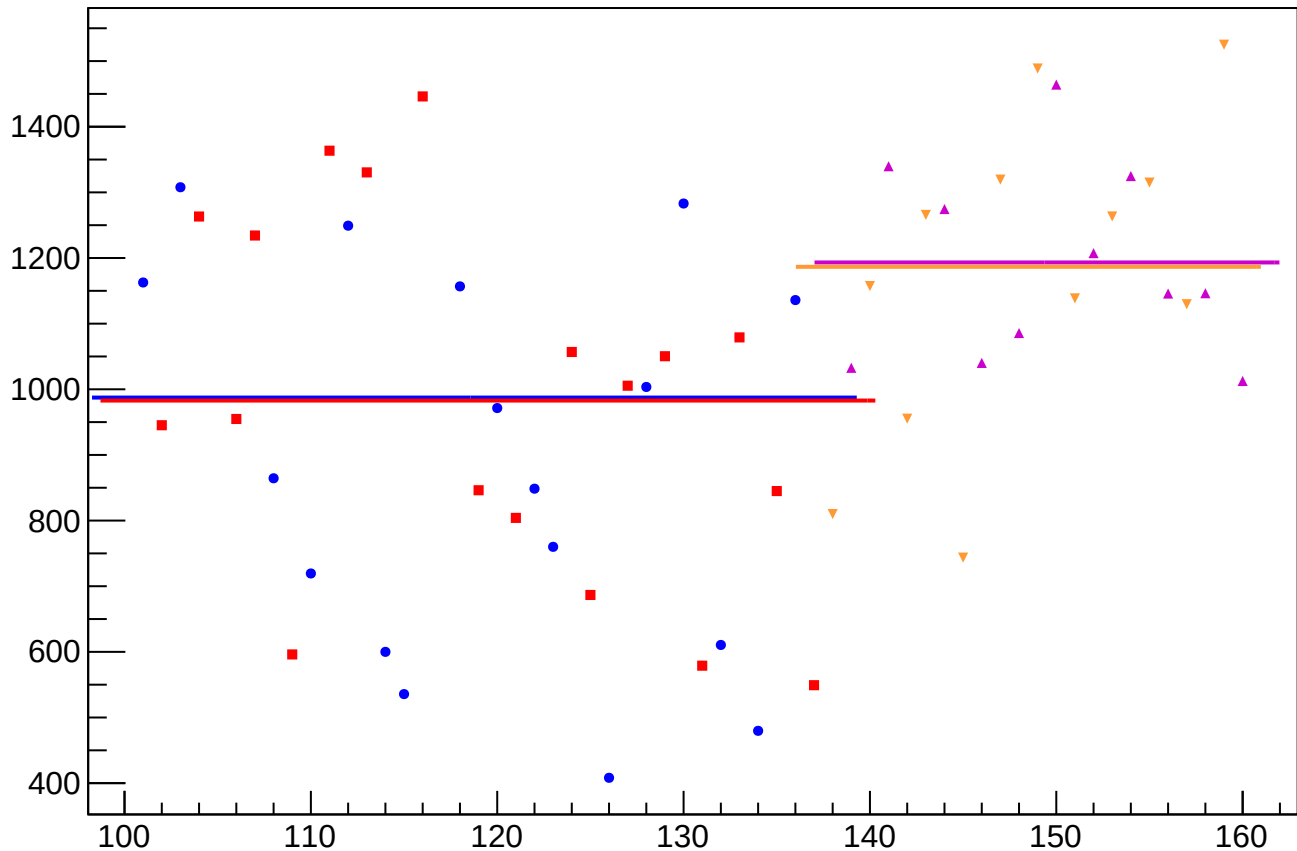
All: 671.500+/-0.000 χ^2/NDF : 25020556793

Right Out: 757.193+/-0.000 χ^2/NDF : 76794158982285513543711222288246374400.0/17

- sign 661.642+/-0.000 χ^2/NDF : 982358550641591

Left In: 588.417+/-0.000 χ^2/NDF : 9911176401969663265546101605651185664.0/10

dit_usr_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

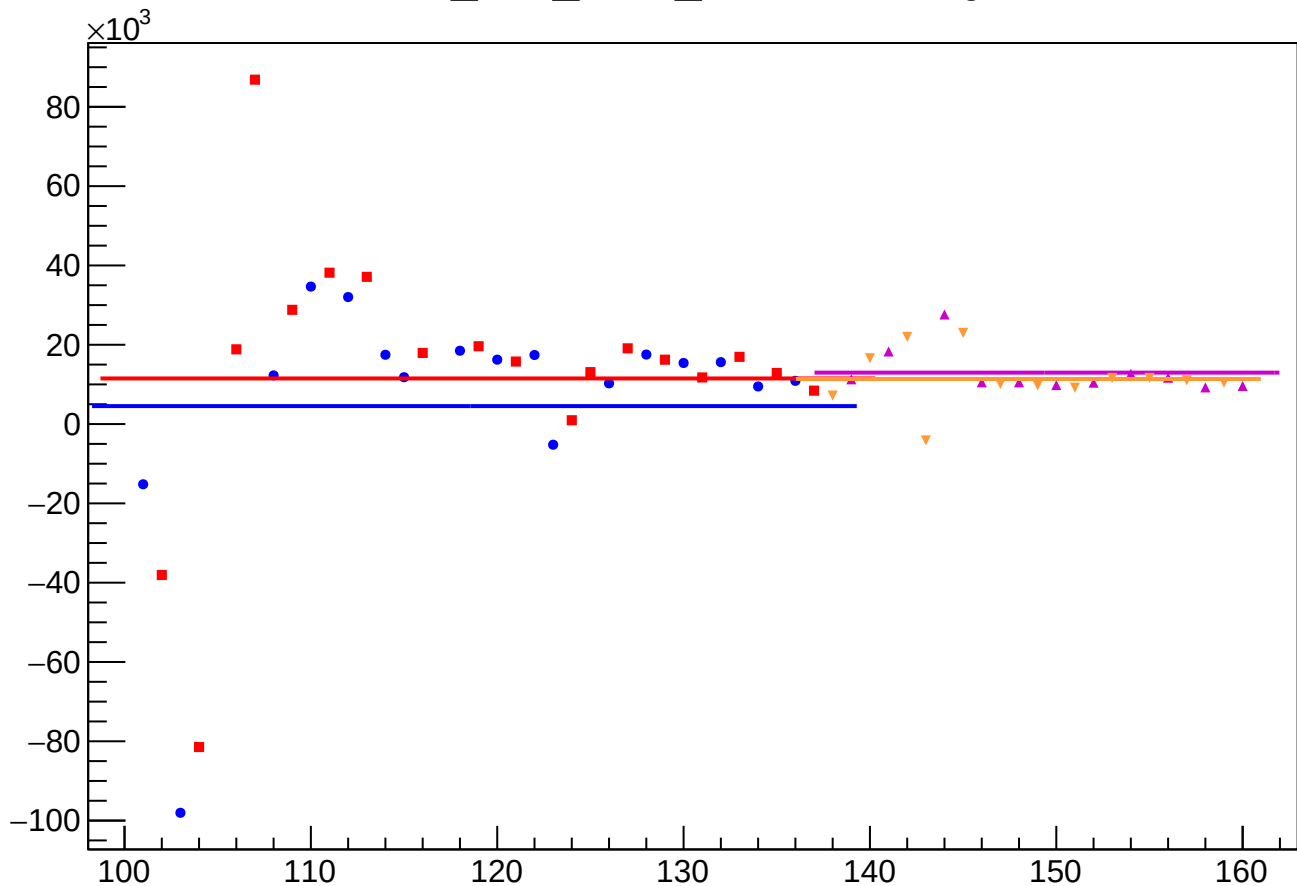
Left Out: 1186.594+/-0.000 χ^2/NDF : 4976336201955548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

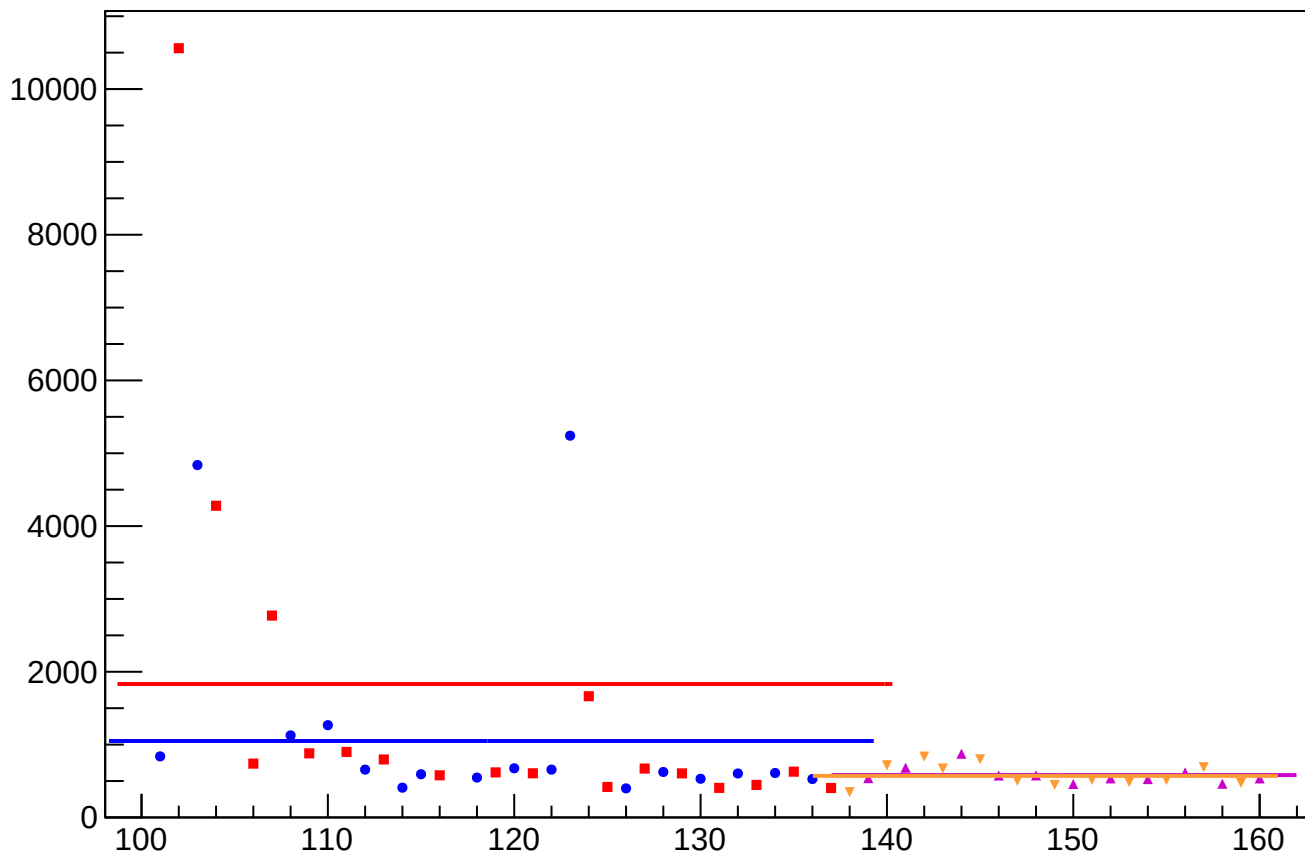
All: 1101.159+/-0.000 χ^2/NDF : 20269903253

dit_atl1_coil7_mean vs Slug



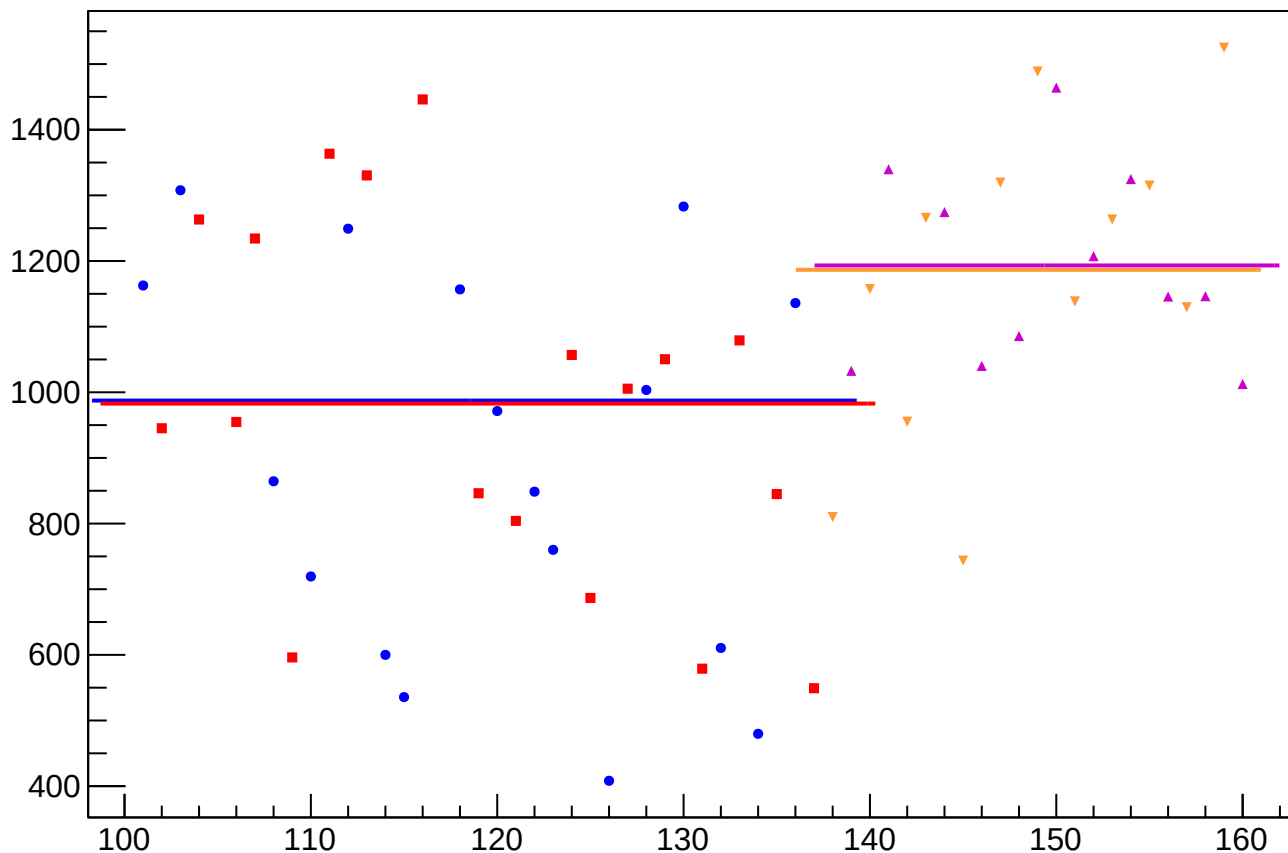
Right In: 4528.489 $\pm$ 0.000 χ^2 /NDF: 765984421186945141508299673026645807071232.0/16
 Left Out: 11369.972 $\pm$ 0.000 χ^2 /NDF: 36208718267646883298044880734212432330752.0/11
 Right Out: 11503.298 $\pm$ 0.000 χ^2 /NDF: 877839720750399952947204251622051720200192.0/17
 Left In: 12973.748 $\pm$ 0.000 χ^2 /NDF: 26423716846952217142475221393758111137792.0/10
 + sign 8408.032 $\pm$ 0.000 χ^2 /NDF: 82061316960143
 All: 10399.090 $\pm$ 0.000 χ^2 /NDF: 1738287913
 - sign 12335.780 $\pm$ 0.000 χ^2 /NDF: 9051386857681

dit_atl1_coil7_err_mean vs Slug



Right In: 1049.780+/-0.000 χ^2/NDF : 1038421858157169578640574748223478956032.0/16
 Left Out: 570.856+/-0.000 χ^2/NDF : 18128369827839480022049807034159726592.0/11
 Right Out: 1831.763+/-0.000 χ^2/NDF : 5560667897153995144780835972954558824448.0/17
 Left In: 581.939+/-0.000 χ^2/NDF : 1188160127531706993869358655522996224.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

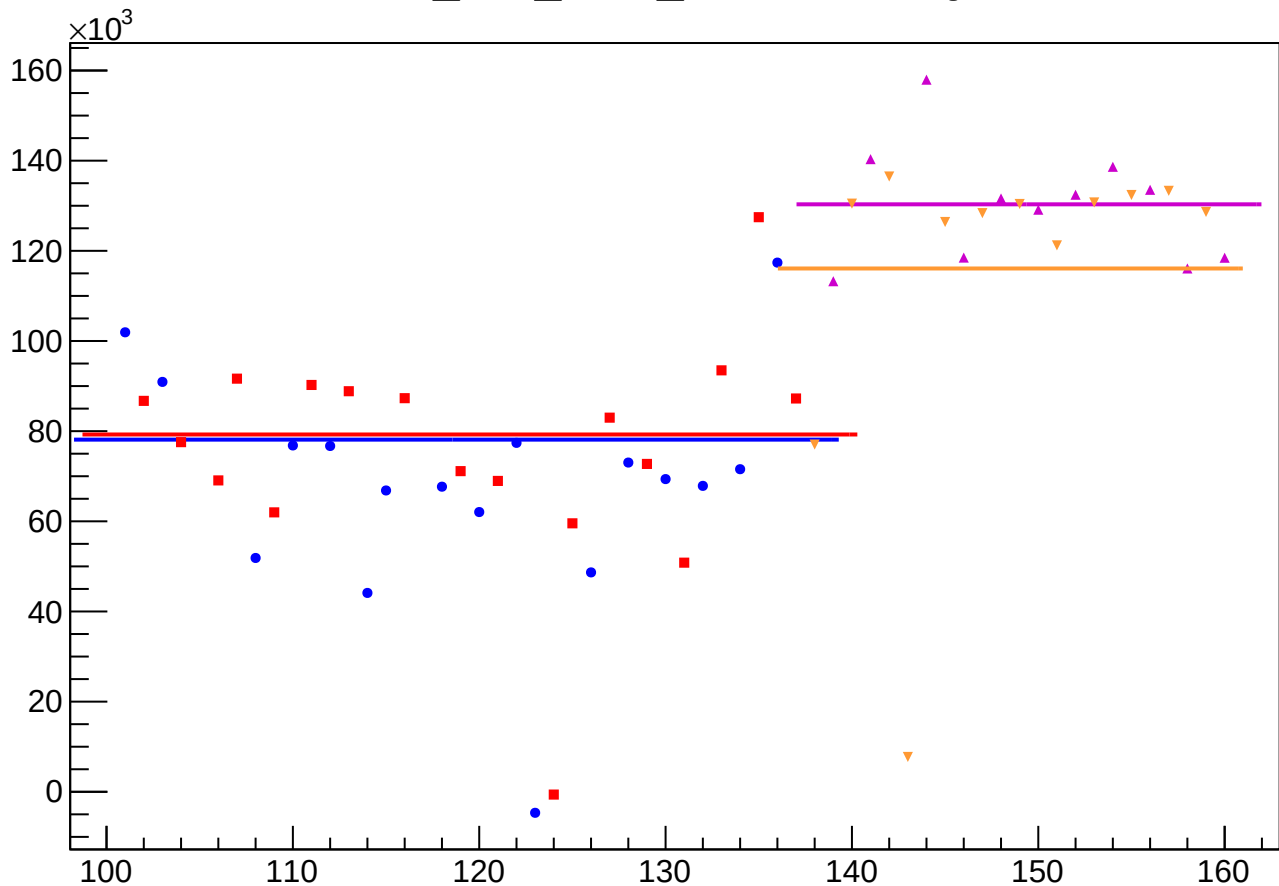
All: 1101.159+/-0.000 χ^2/NDF : 20269903253

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

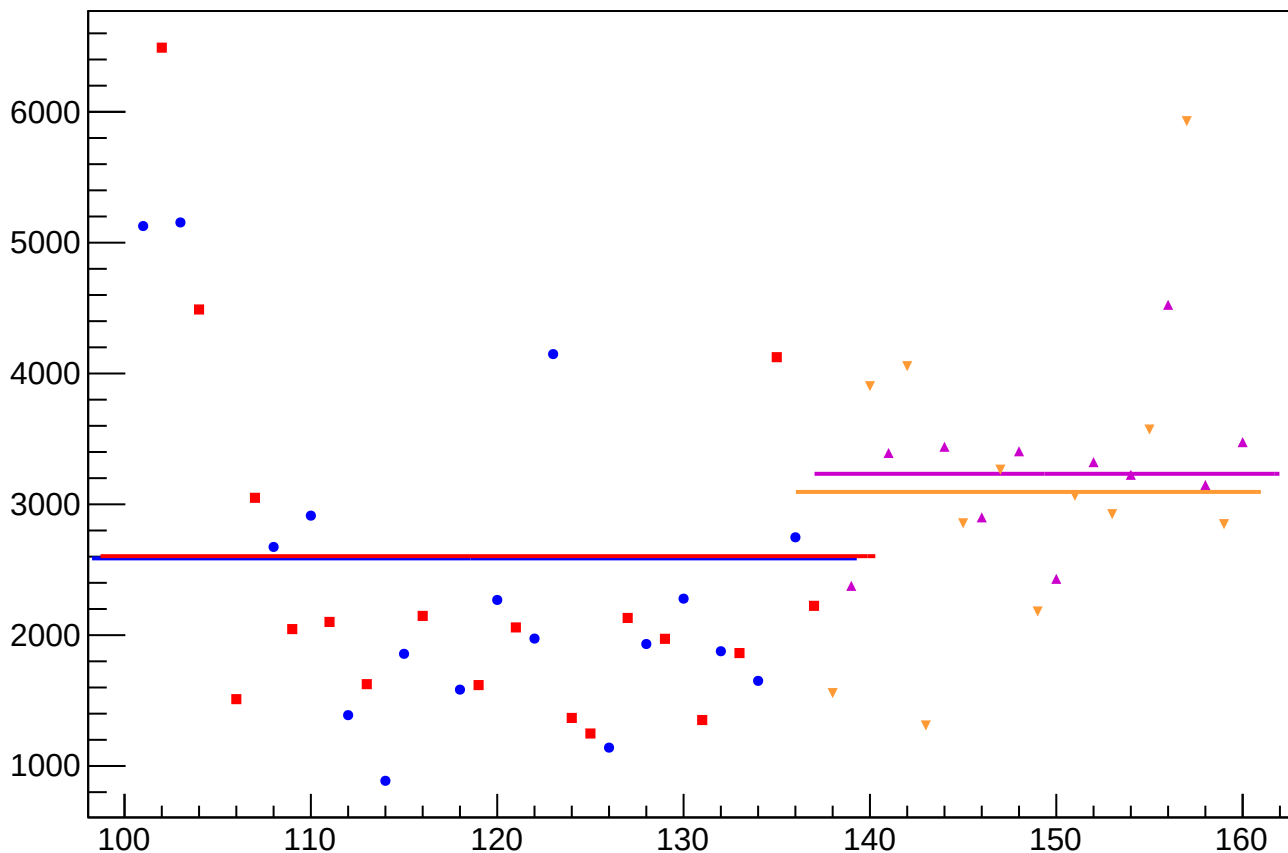
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

dit_atl2_coil7_mean vs Slug



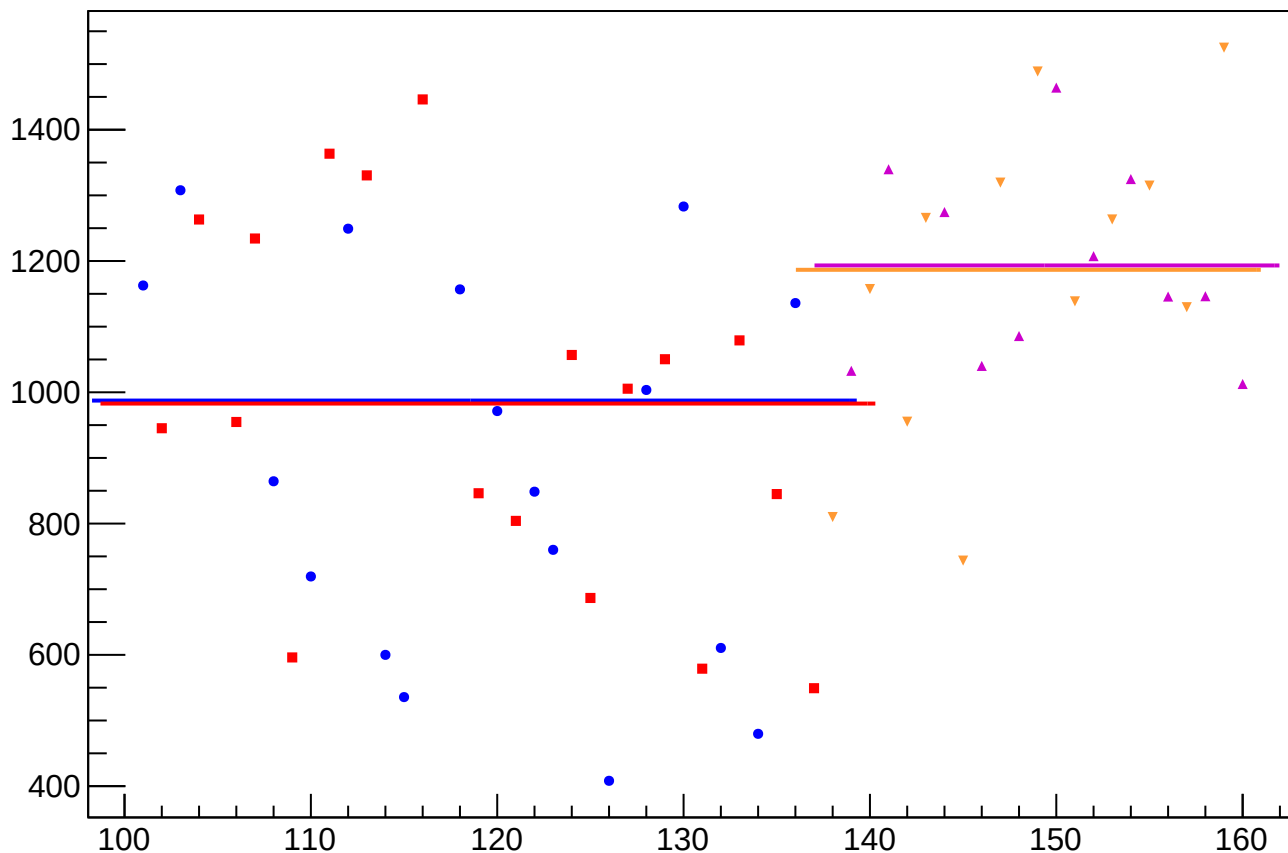
Right In: 78120.227 $\pm$ 0.000 χ^2 /NDF: 308820964030920149649775995002991312633856.0/16
 Left Out: 116083.925 $\pm$ 0.000 χ^2 /NDF: 1055028859665678299066390828243571544424448.0/11
 Right Out: 79260.499 $\pm$ 0.000 χ^2 /NDF: 303215964703866066986504542190112711114752.0/17
 Left In: 130317.995 $\pm$ 0.000 χ^2 /NDF: 147443434358857033174111826688008821669888.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2586.924+/-0.000 χ^2/NDF : 1122415737488478857695553804598689923072.0/16
 Left Out: 3094.875+/-0.000 χ^2/NDF : 1190700908263990863745595905660178923520.0/11
 Right Out: 2603.762+/-0.000 χ^2/NDF : 1547340202870581842616287406625719844864.0/17
 Left In: 3233.353+/-0.000 χ^2/NDF : 275364684617140508153597807706060619776.0/10

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

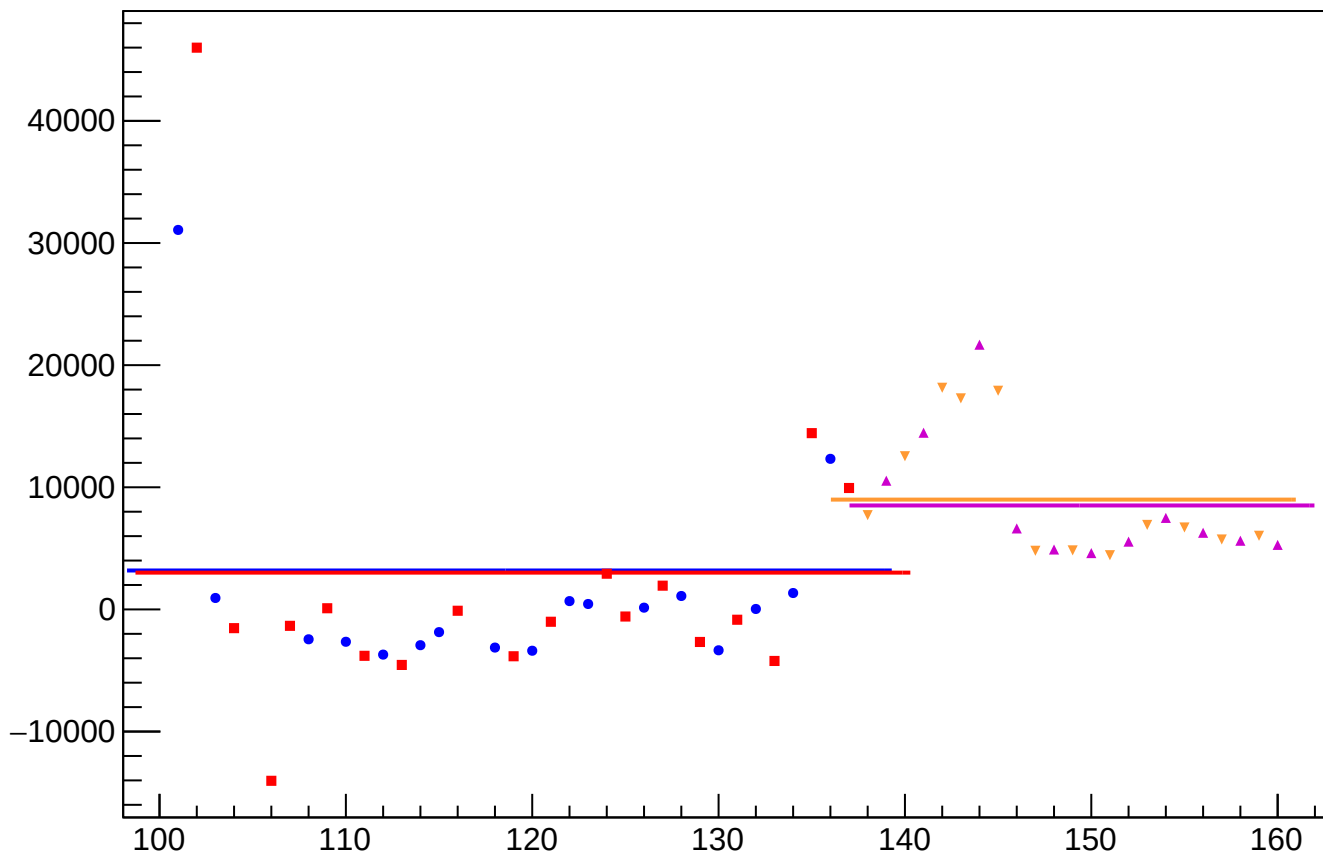
All: 1101.159+/-0.000 χ^2/NDF : 20269903253

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

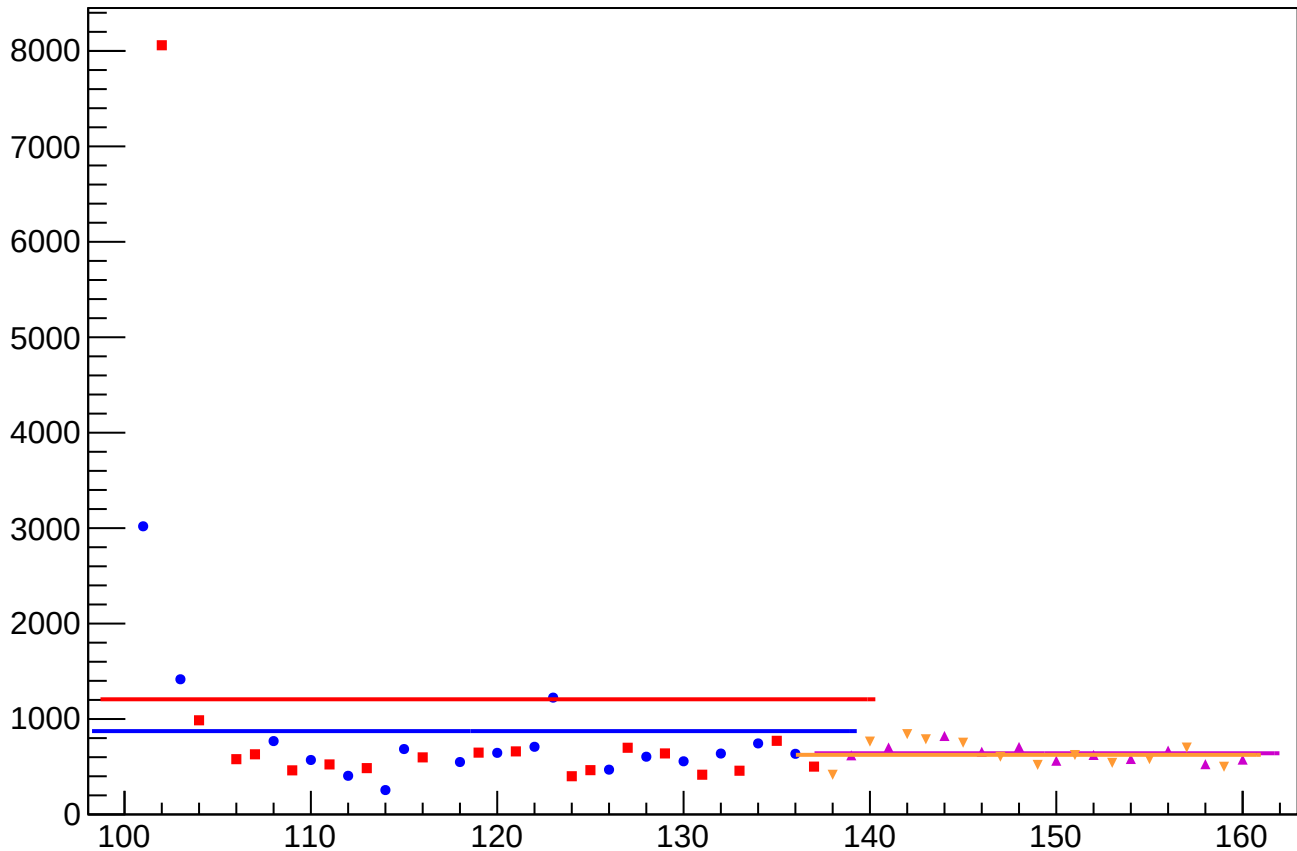
dit_atr1_coil7_mean vs Slug



Right In: 3187.051+/-0.000	χ^2/NDF : 66270389171193911836791515591398561677312.0/16
Left Out: 8990.897+/-0.000	χ^2/NDF : 22509101259112678607157462677691985559552.0/11
Right Out: 3012.400+/-0.000	χ^2/NDF : 138157018088298657463529912150565226283008.0/17
Left In: 8511.318+/-0.000	χ^2/NDF : 2433332735687390089977674929475300622336.0/10

+ sign 6478.190+/-0.000 χ^2/NDF : 10203576900025
 All: 6299.435+/-0.000 χ^2/NDF : 2768672626
 - sign 6125.562+/-0.000 χ^2/NDF : 17473045055382

dit_atr1_coil7_err_mean vs Slug



Right In: 873.306+/-0.000 χ^2/NDF : 340993590653355605867273192516364533760.0/16

Left Out: 624.813+/-0.000 χ^2/NDF : 13578620393793038879015873058055389184.0/11

Right Out: 1206.661+/-0.000 χ^2/NDF : 2979483538609797767268010500388070359040.0/17

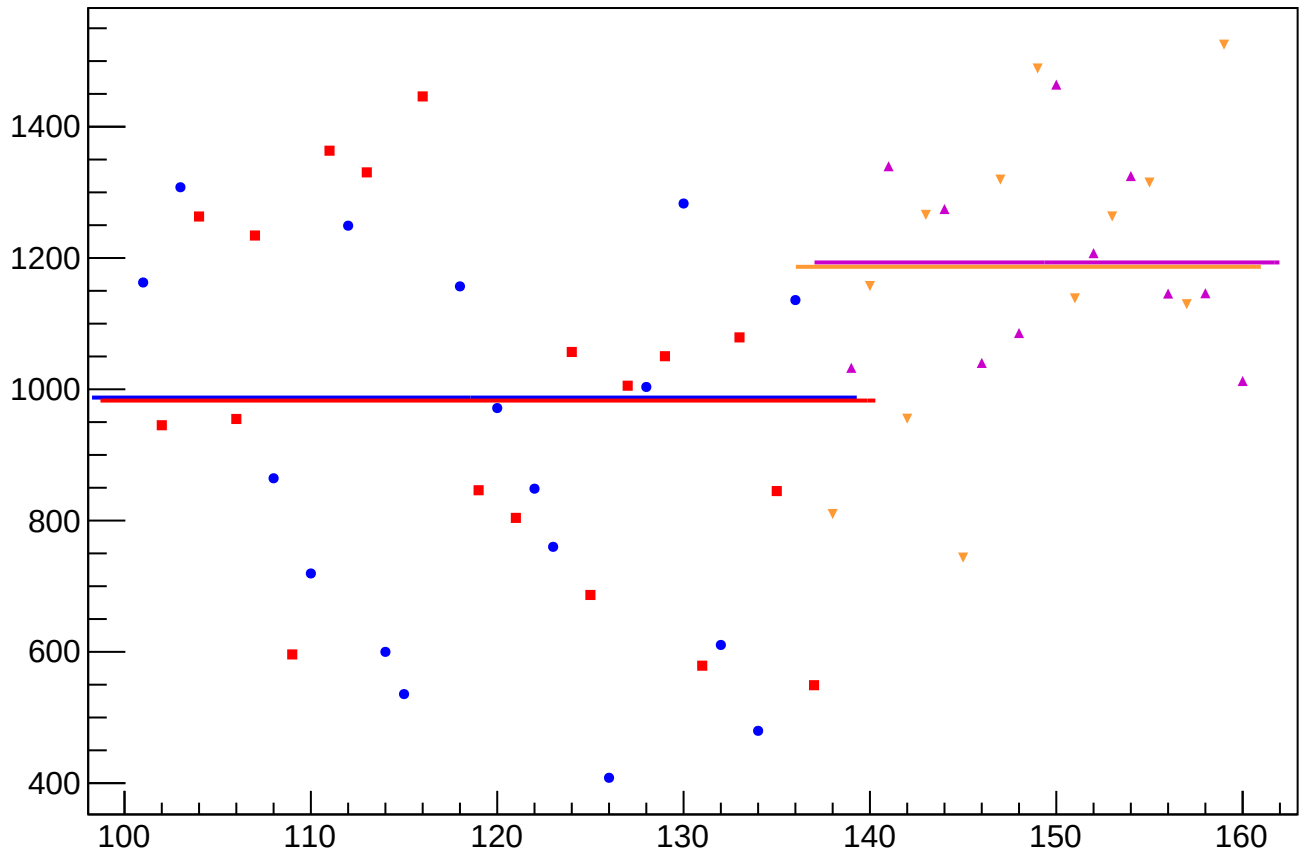
Left In: 641.139+/-0.000 χ^2/NDF : 6049738878029636256926202611114180608.0/10

+ sign 732.395+/-0.000 χ^2/NDF : 378872740147879

All: 810.512+/-0.000 χ^2/NDF : 351316106877

- sign 886.496+/-0.000 χ^2/NDF : 311499160767710

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

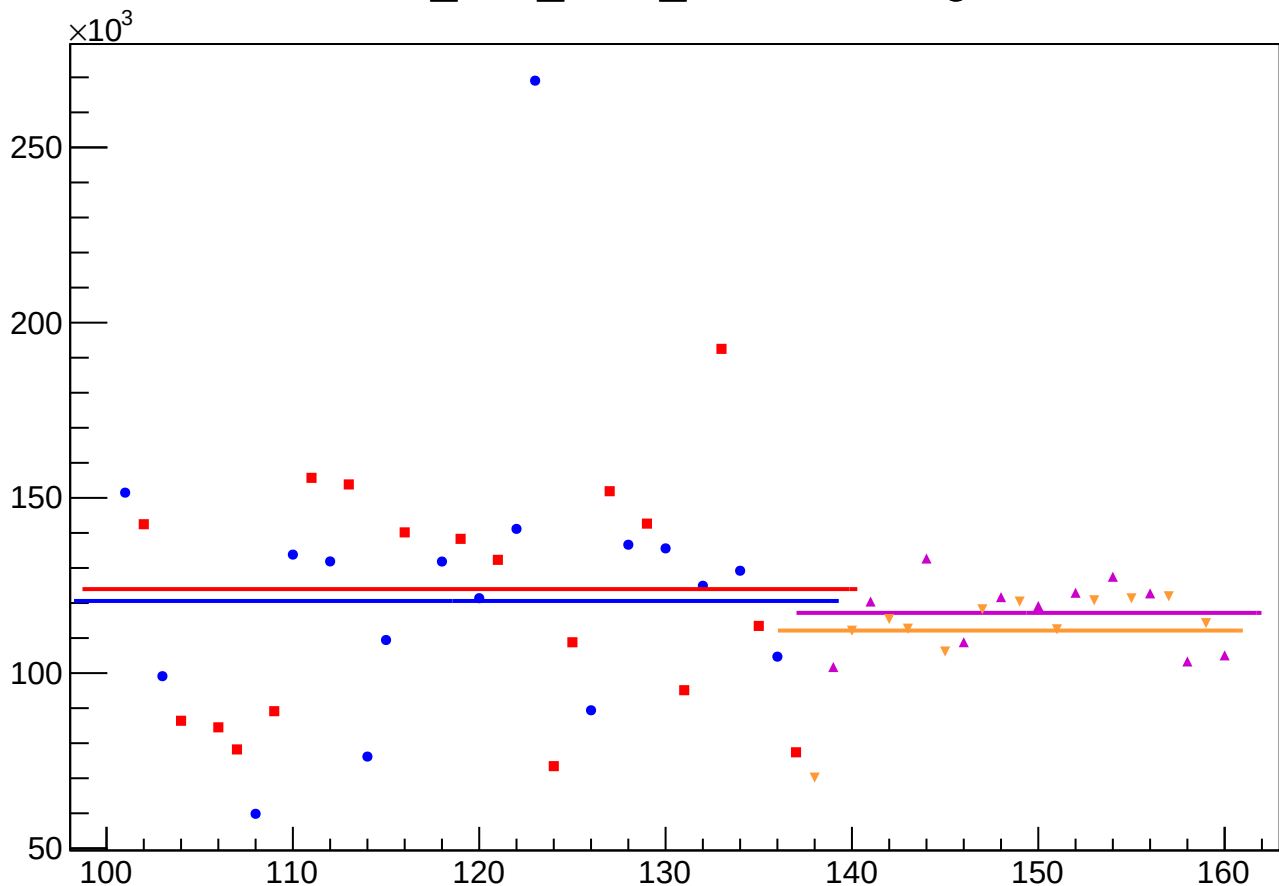
Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

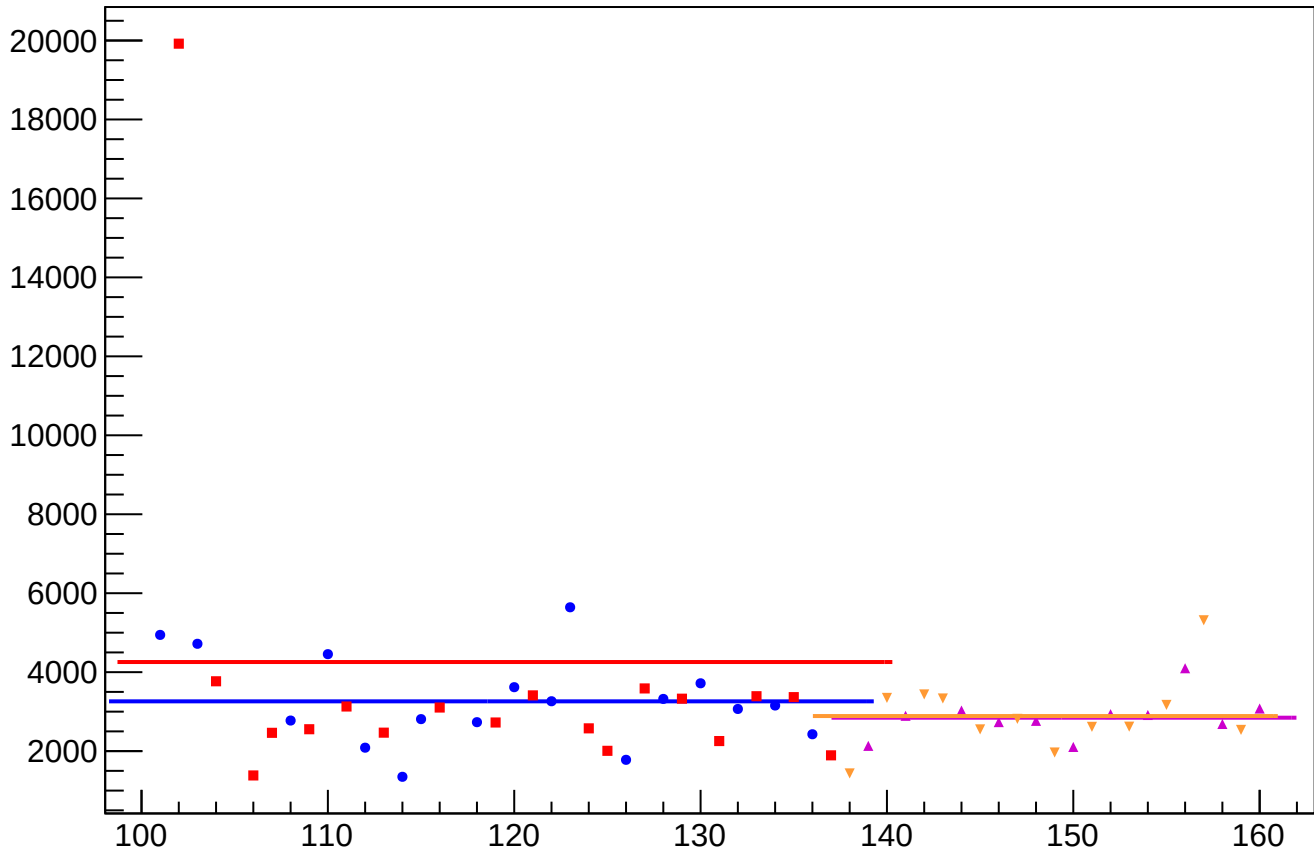
dit_atr2_coil7_mean vs Slug



Right In: 120586.708 $\pm$ 0.000	χ^2 /NDF: 463702909226593065118055925390873188106240.0/16
Left Out: 112145.166 $\pm$ 0.000	χ^2 /NDF: 169803943899249833628115478004203597594624.0/11
Right Out: 123970.573 $\pm$ 0.000	χ^2 /NDF: 754871099831913254311543250015602251661312.0/17
Left In: 117187.281 $\pm$ 0.000	χ^2 /NDF: 92050085463575690364904587071982548287488.0/10

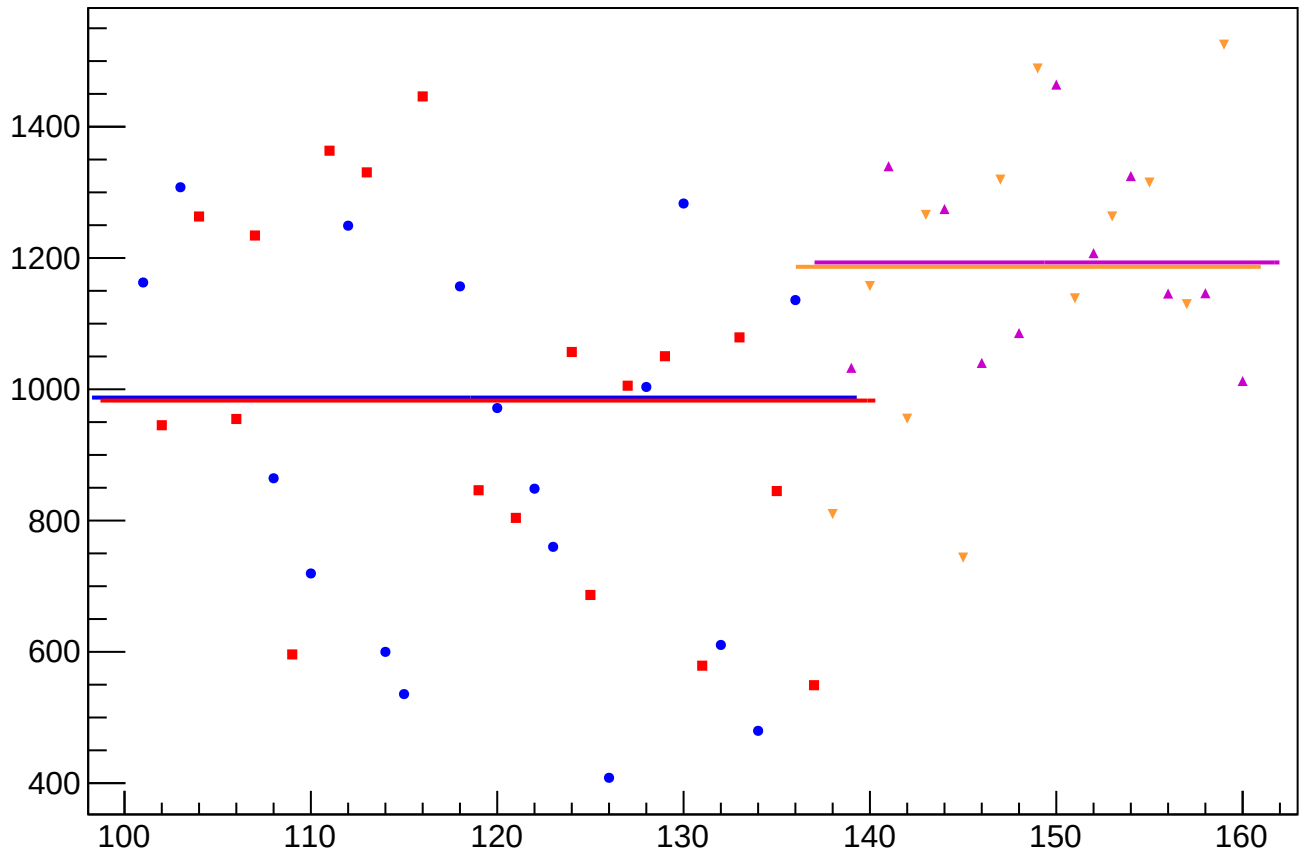
+ sign 115799.833 $\pm$ 0.000 χ^2 /NDF: 661550430846
 All: 117995.024 $\pm$ 0.000 χ^2 /NDF: 154233563
 - sign 120130.275 $\pm$ 0.000 χ^2 /NDF: 865546841215

dit_atr2_coil7_err_mean vs Slug



Right In: 3260.820 ± 0.000 χ^2/NDF : 672456168638567614426723356415113560064.0/16
 Left Out: 2888.367 ± 0.000 χ^2/NDF : 753668821958591987367767496119843553280.0/11
 Right Out: 4256.861 ± 0.000 χ^2/NDF : 15744364448860197338037677656678376407040.0/17
 Left In: 2846.533 ± 0.000 χ^2/NDF : 228998195535204617287883903315551977472.0/10

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

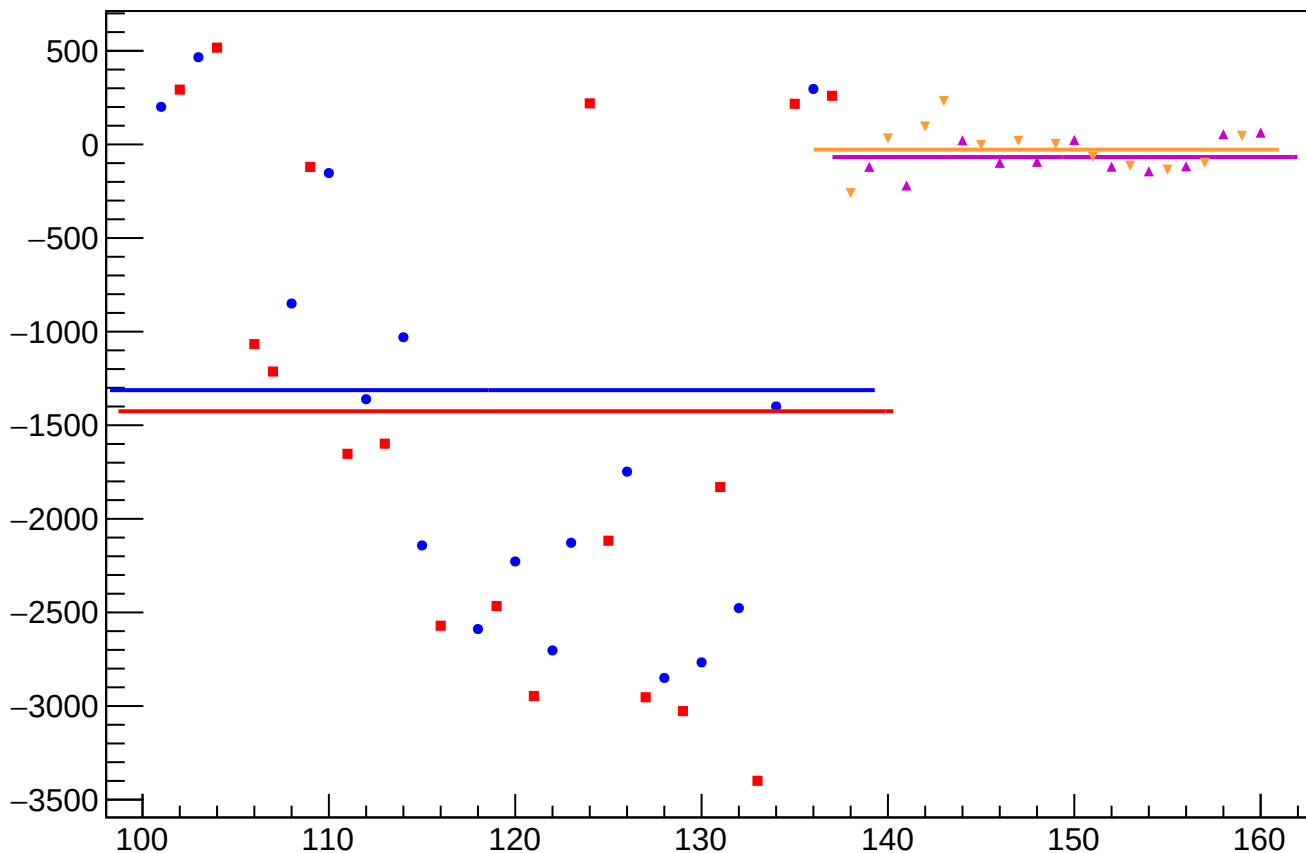
Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

dit_sam1_coil7_mean vs Slug



Right In: -1312.539+/-0.000 χ^2/NDF : 1111791822009253468495433607153226612736.0/16

+ sign -584.068+/-0.000 χ^2/NDF : 17736962722786

Left Out: -27.898+/-0.000 χ^2/NDF : 12443192627710109481350397021099393024.0/11

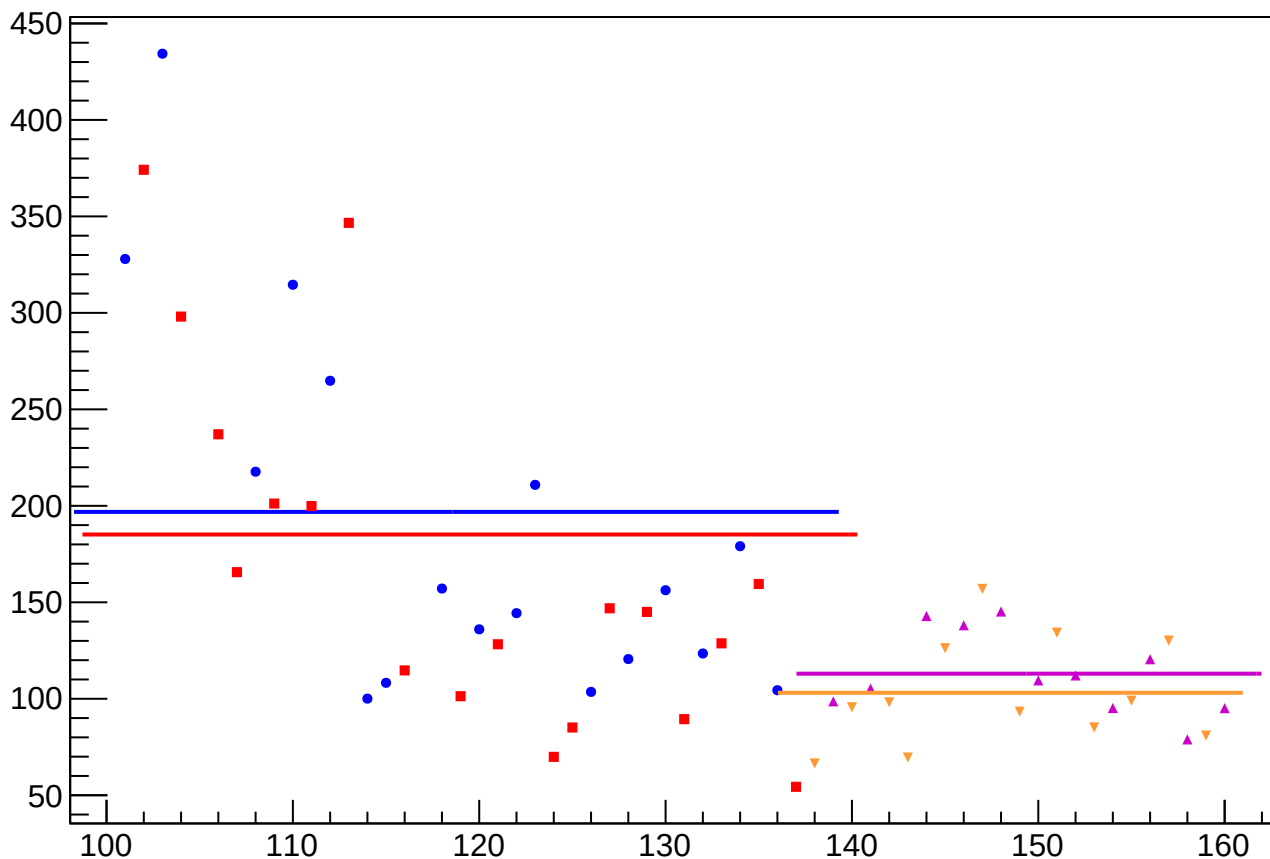
All: -620.791+/-0.000 χ^2/NDF : 37915549619

Right Out: -1425.319+/-0.000 χ^2/NDF : 1259772432394270570555753847649915109376.0/17

- sign -656.511+/-0.000 χ^2/NDF : 201359414612914

Left In: -67.340+/-0.000 χ^2/NDF : 7344542288743460655103542950920978432.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 196.858+/-0.000 χ^2/NDF : 7337666778319090402870822115647422464.0/16

Left Out: 103.111+/-0.000 χ^2/NDF : 658393761495499558426534507754553344.0/11

Right Out: 185.135+/-0.000 χ^2/NDF : 6160706554997434160213032977968398336.0/17

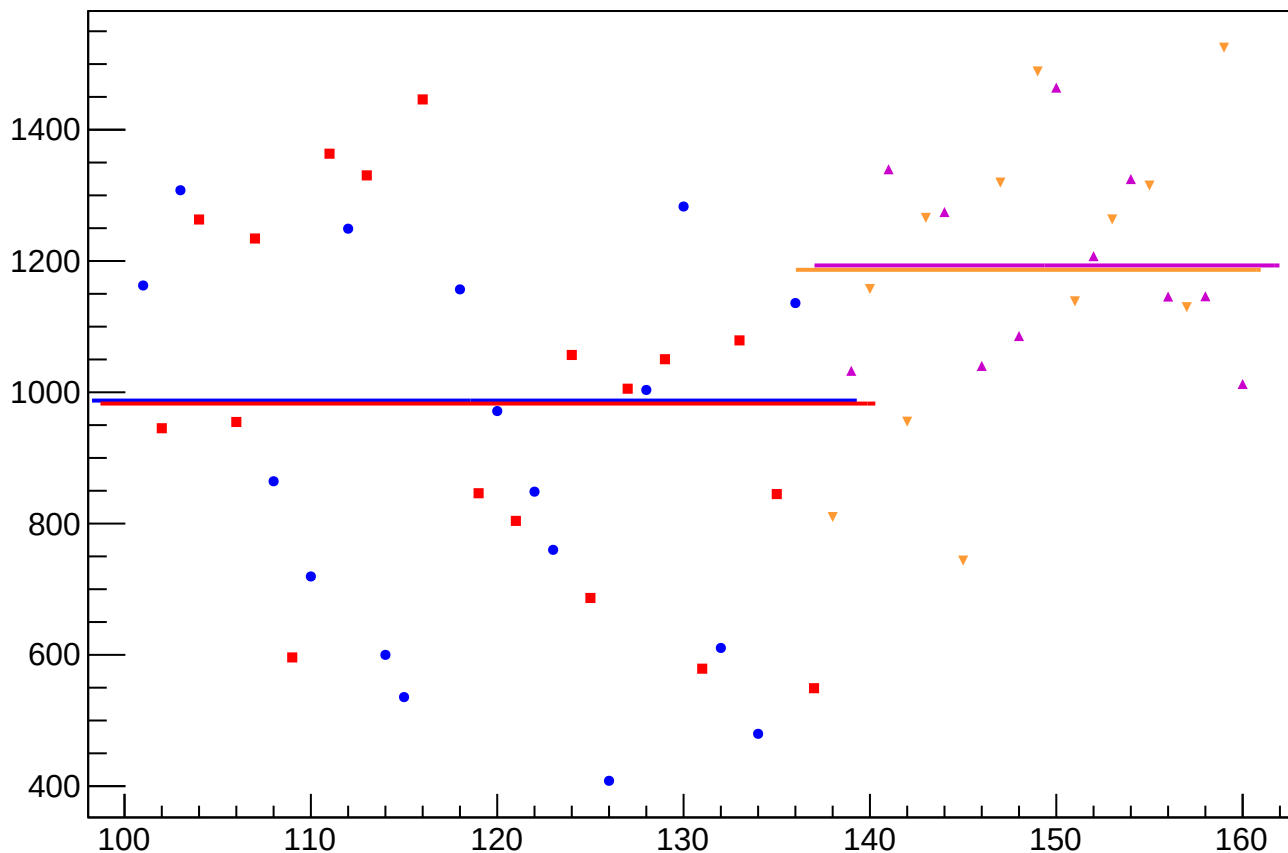
Left In: 113.009+/-0.000 χ^2/NDF : 394825243882053718517351386298974208.0/10

+ sign 143.697+/-0.000 χ^2/NDF : 114546885560905

All: 144.004+/-0.000 χ^2/NDF : 201163236509

- sign 144.302+/-0.000 χ^2/NDF : 866133834293192

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2/NDF : 4976336201955548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

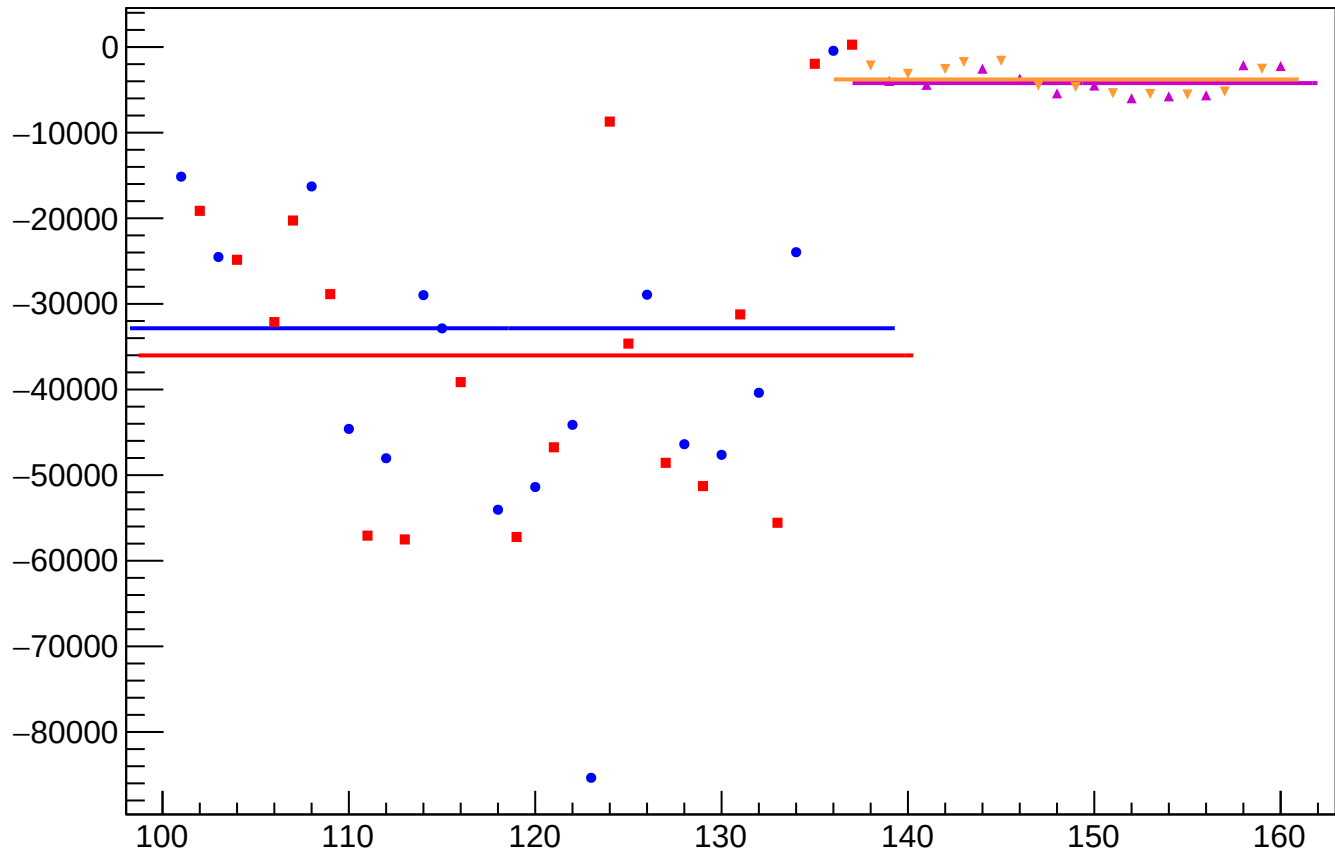
Left In: 1193.230 $\pm$ 0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2/NDF : 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2/NDF : 20269903253

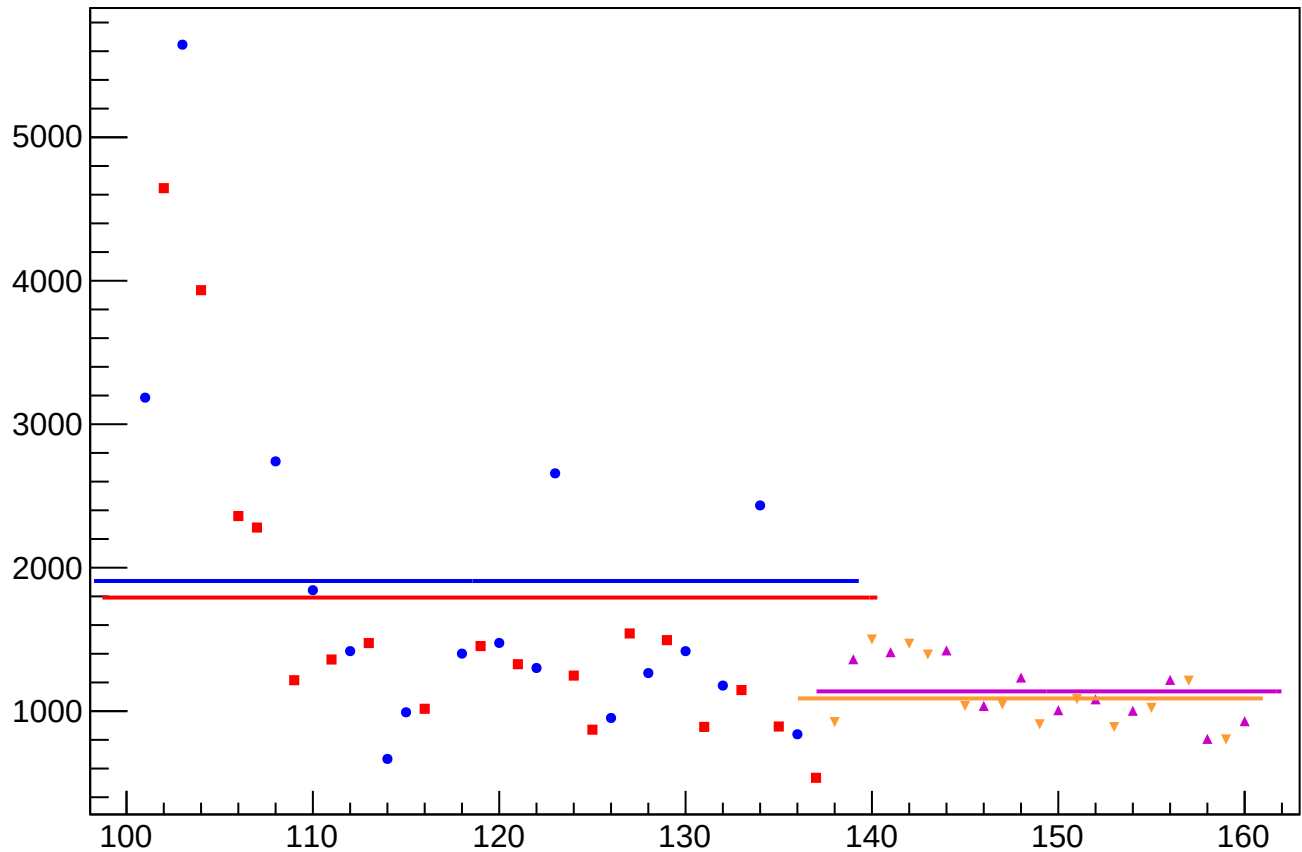
- sign 1101.947 $\pm$ 0.000 χ^2/NDF : 84745247462725

dit_sam2_coil7_mean vs Slug



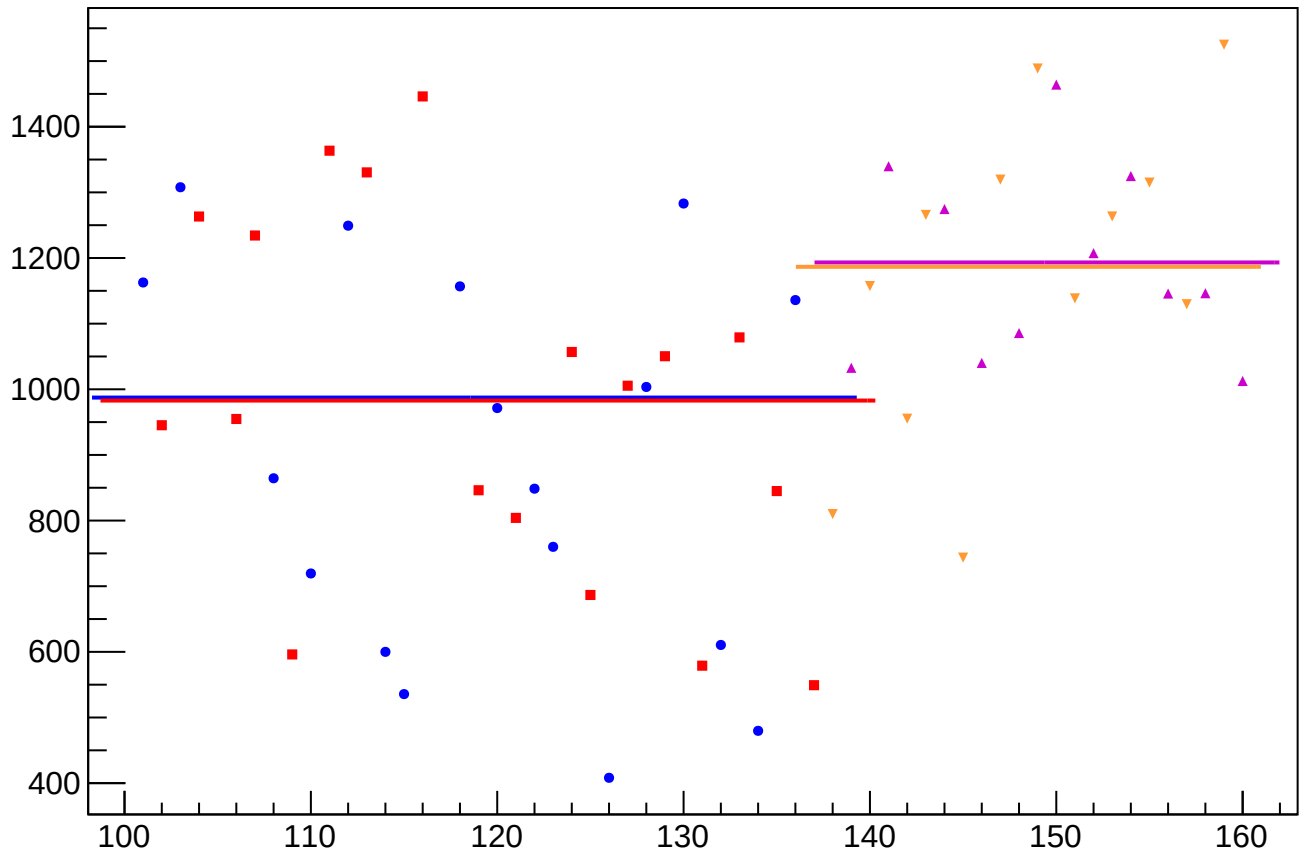
Right In: -32846.038+/-0.000 χ^2/NDF : 219637368732777746312600570455176987541504.0/16
 Left Out: -3785.473+/-0.000 χ^2/NDF : 2024140029118734707580792113032155103232.0/11
 Right Out: -36017.918+/-0.000 χ^2/NDF : 228867649175680979480074989628486510968832.0/17
 Left In: -4210.293+/-0.000 χ^2/NDF : 1745128048653719102038328653644061212672.0/10
 All: -17199.987+/-0.000 χ^2/NDF : 119635751
 + sign -16366.903+/-0.000 χ^2/NDF : 554013234847
 - sign -18010.324+/-0.000 χ^2/NDF : 6401495974799

dit_sam2_coil7_err_mean vs Slug



Right In: 1907.271+/-0.000 χ^2/NDF : 1224904405299911350916968067746563620864.0/16
 Left Out: 1088.725+/-0.000 χ^2/NDF : 43426775502308875672481877774003339264.0/11
 Right Out: 1791.825+/-0.000 χ^2/NDF : 941640864566938486349149292441762791424.0/17
 Left In: 1137.882+/-0.000 χ^2/NDF : 35720611822327029625984911153333010432.0/10

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

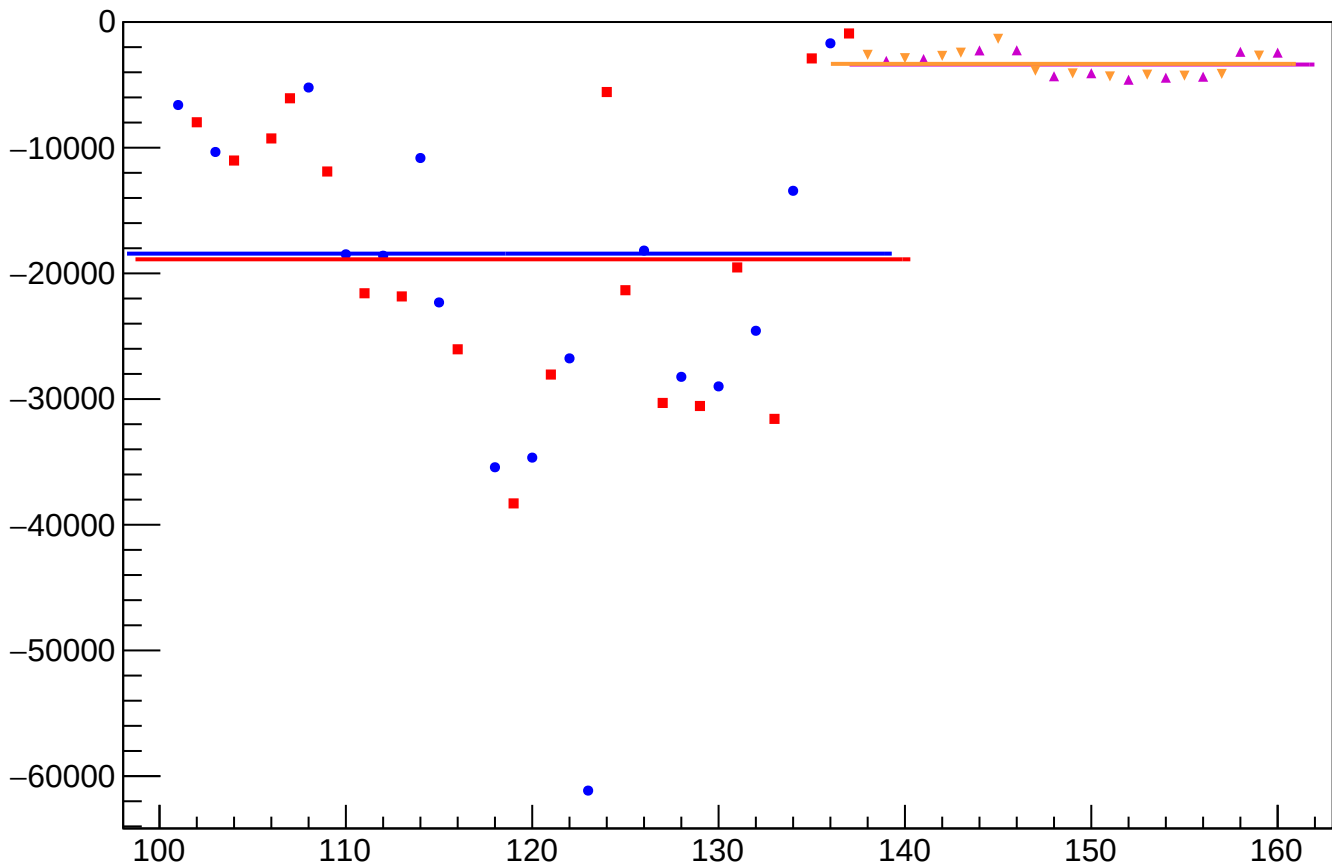
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

dit_sam3_coil7_mean vs Slug



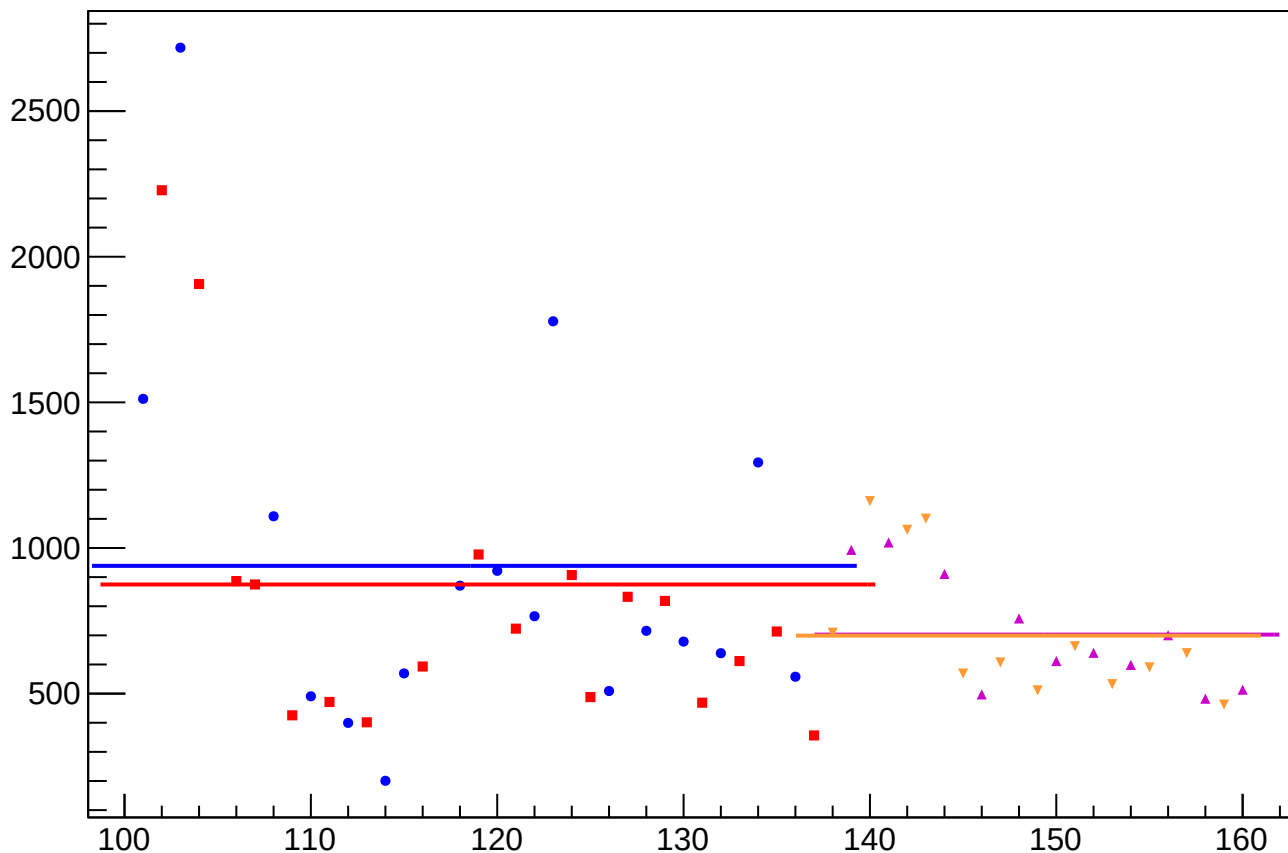
Right In: -18428.768+/-0.000 χ^2/NDF : 91790167940984507561863911678204862005248.0/16

Left Out: -3330.218+/-0.000 χ^2/NDF : 801638931401536809328175362972460253184.0/11

Right Out: -18880.571+/-0.000 χ^2/NDF : 85627666736634579824962235279591398703104.0/17

Left In: -3383.309+/-0.000 χ^2/NDF : 816279200160971630569460981745055694848.0/10

dit_sam3_coil7_err_mean vs Slug



Right In: 938.658+/-0.000 χ^2/NDF : 274123287156186942430302567816841134080.0/16

Left Out: 699.181+/-0.000 χ^2/NDF : 47485076871287899089179265063714816000.0/11

Right Out: 874.671+/-0.000 χ^2/NDF : 212705560210060381413787152265269739520.0/17

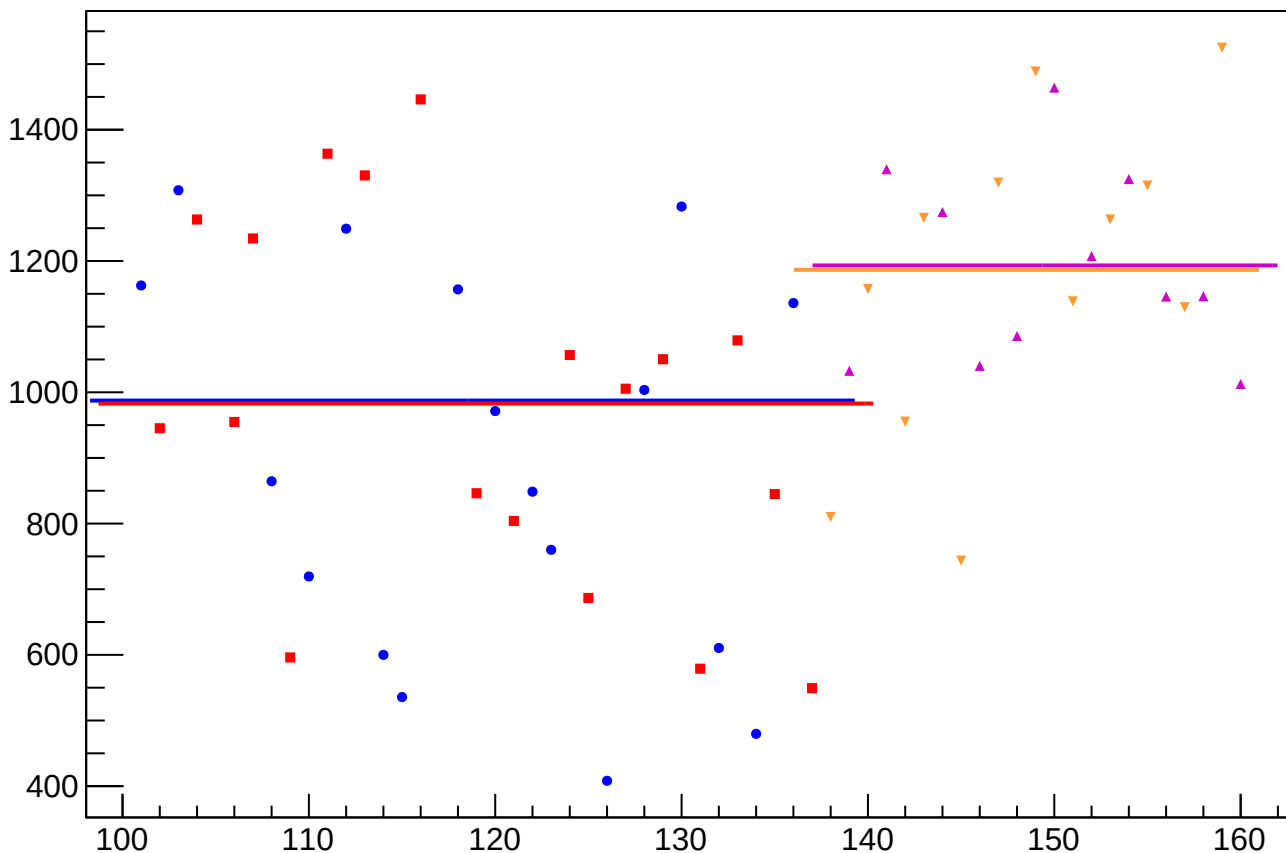
Left In: 702.545+/-0.000 χ^2/NDF : 31919745309700759426030449402090356736.0/10

+ sign 802.860+/-0.000 χ^2/NDF : 344177515129287

All: 789.864+/-0.000 χ^2/NDF : 601329698427

- sign 777.223+/-0.000 χ^2/NDF : 256618133960327

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

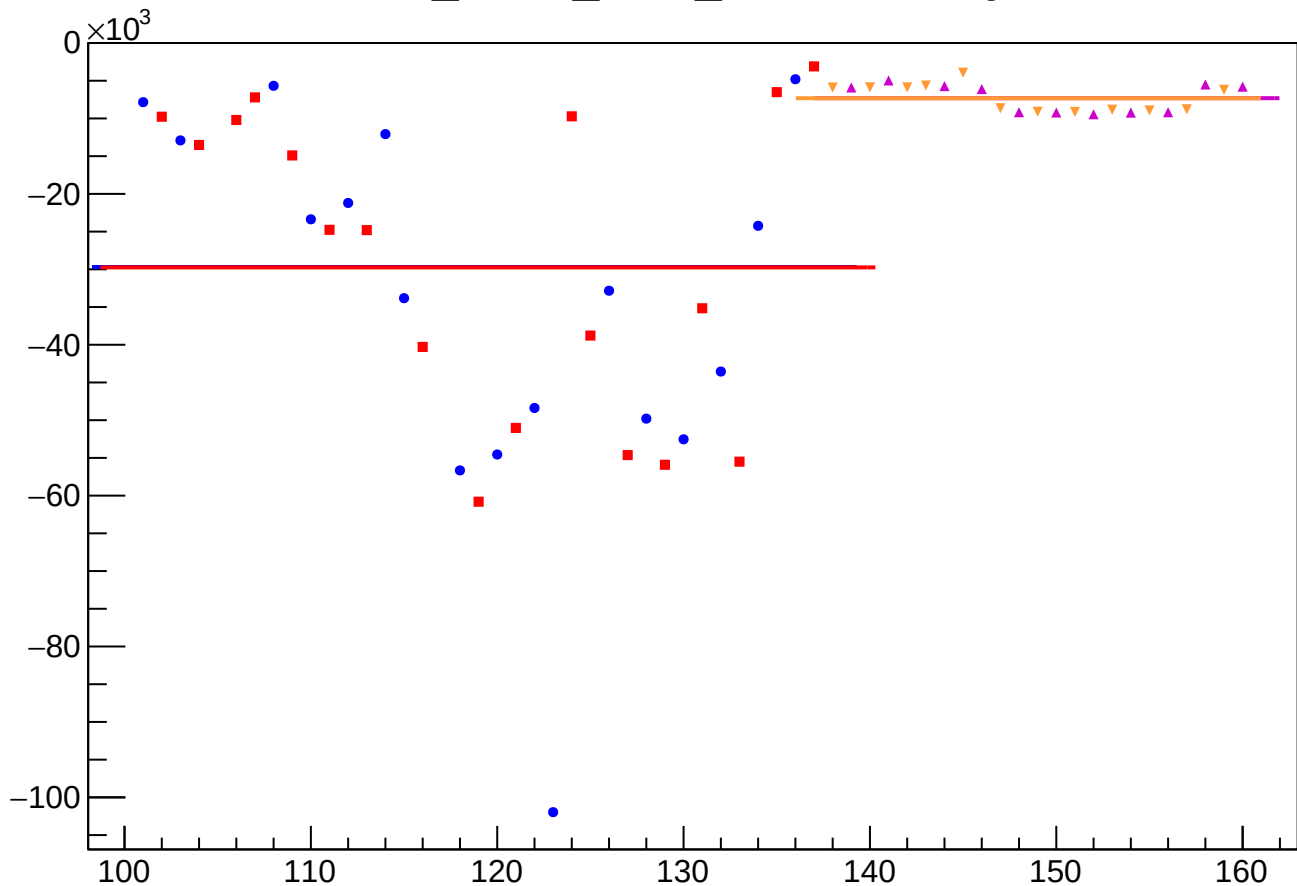
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

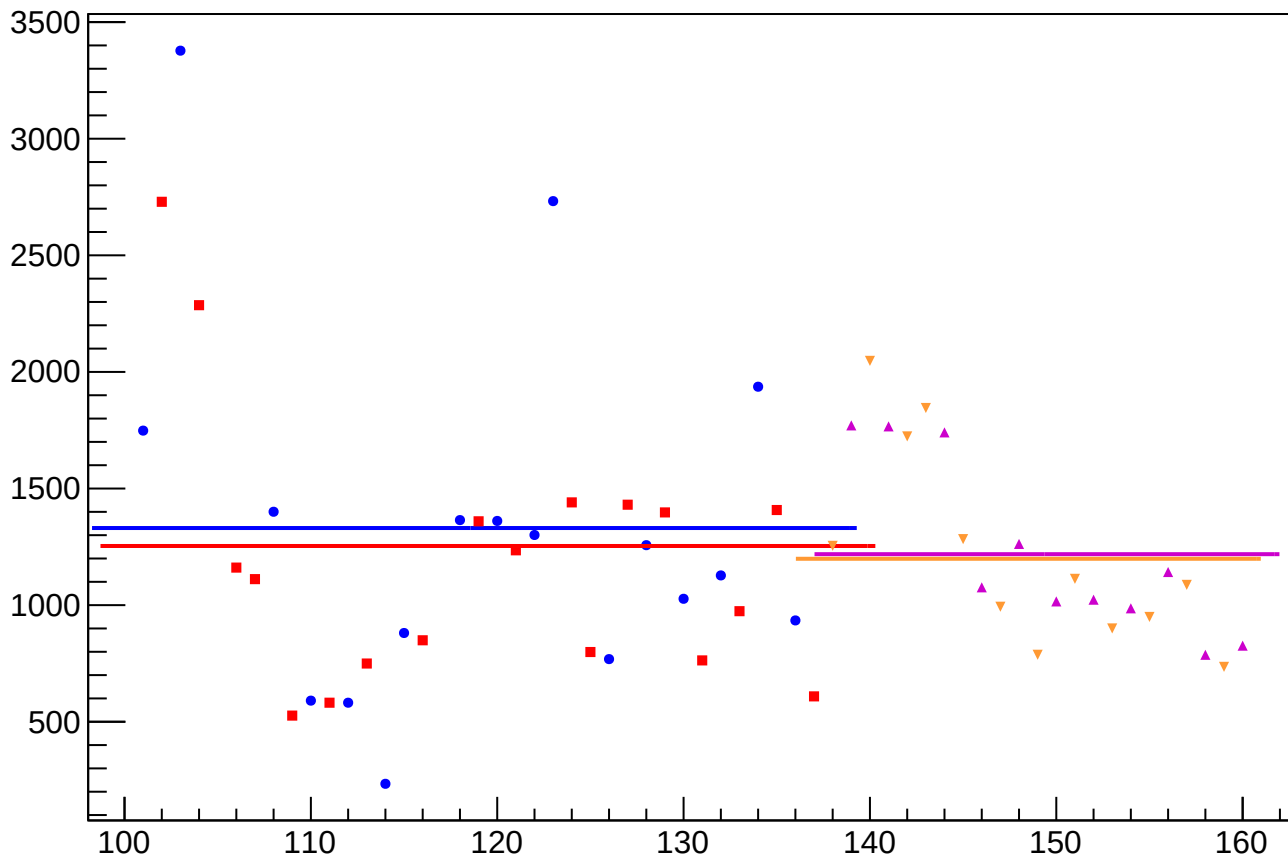
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam4_coil7_mean vs Slug



Right In: -29694.846 ± 0.000 χ^2/NDF : 282999478252028644685471433230520510578688.0/16
 Left Out: -7317.919 ± 0.000 χ^2/NDF : 2833730252125360195766219580881057611776.0/11
 Right Out: -29744.384 ± 0.000 χ^2/NDF : 283667805670372144788905534129497910018048.0/17
 Left In: -7312.611 ± 0.000 χ^2/NDF : 3060303804070457713816420667232681459712.0/10

dit_sam4_coil7_err_mean vs Slug



Right In: 1330.668 $\pm$ 0.000 χ^2 /NDF: 371034150705348959312326123153556242432.0/16

Left Out: 1198.833 $\pm$ 0.000 χ^2 /NDF: 149280196072306589418447697644691128320.0/11

Right Out: 1253.657 $\pm$ 0.000 χ^2 /NDF: 276351047411985398179849131600767877120.0/17

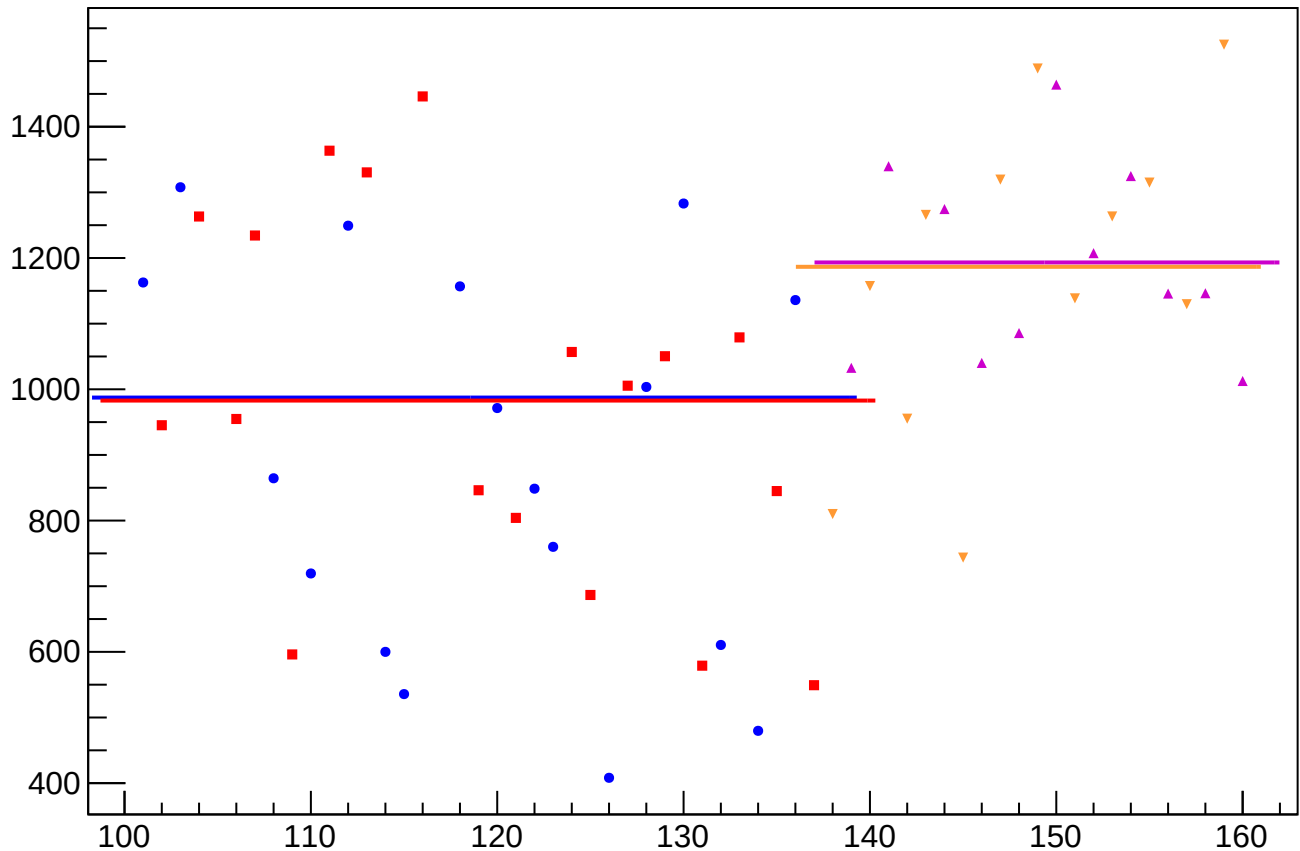
Left In: 1218.551 $\pm$ 0.000 χ^2 /NDF: 116488756058911306830868466308868997120.0/10

+ sign 1255.910 $\pm$ 0.000 χ^2 /NDF: 52715430621257

All: 1244.692 $\pm$ 0.000 χ^2 /NDF: 92089086990

- sign 1233.782 $\pm$ 0.000 χ^2 /NDF: 39333868628059

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1186.594+/-0.000 χ^2/NDF : 49763362019555548841298308984106647552.0/11

Right Out: 982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

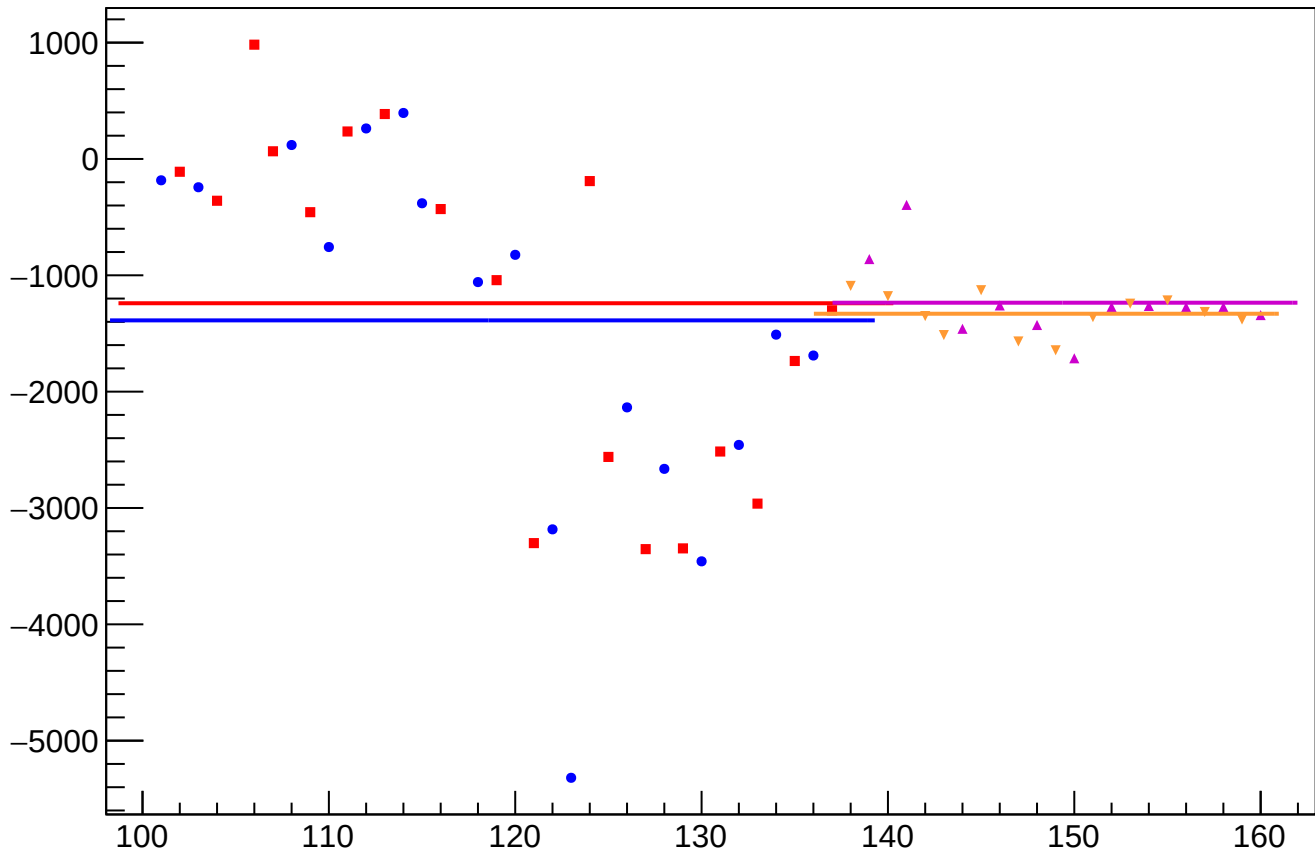
Left In: 1193.230+/-0.000 χ^2/NDF : 18719715189237327364686937904868491264.0/10

+ sign 1100.350+/-0.000 χ^2/NDF : 11795171358151

All: 1101.159+/-0.000 χ^2/NDF : 20269903253

- sign 1101.947+/-0.000 χ^2/NDF : 84745247462725

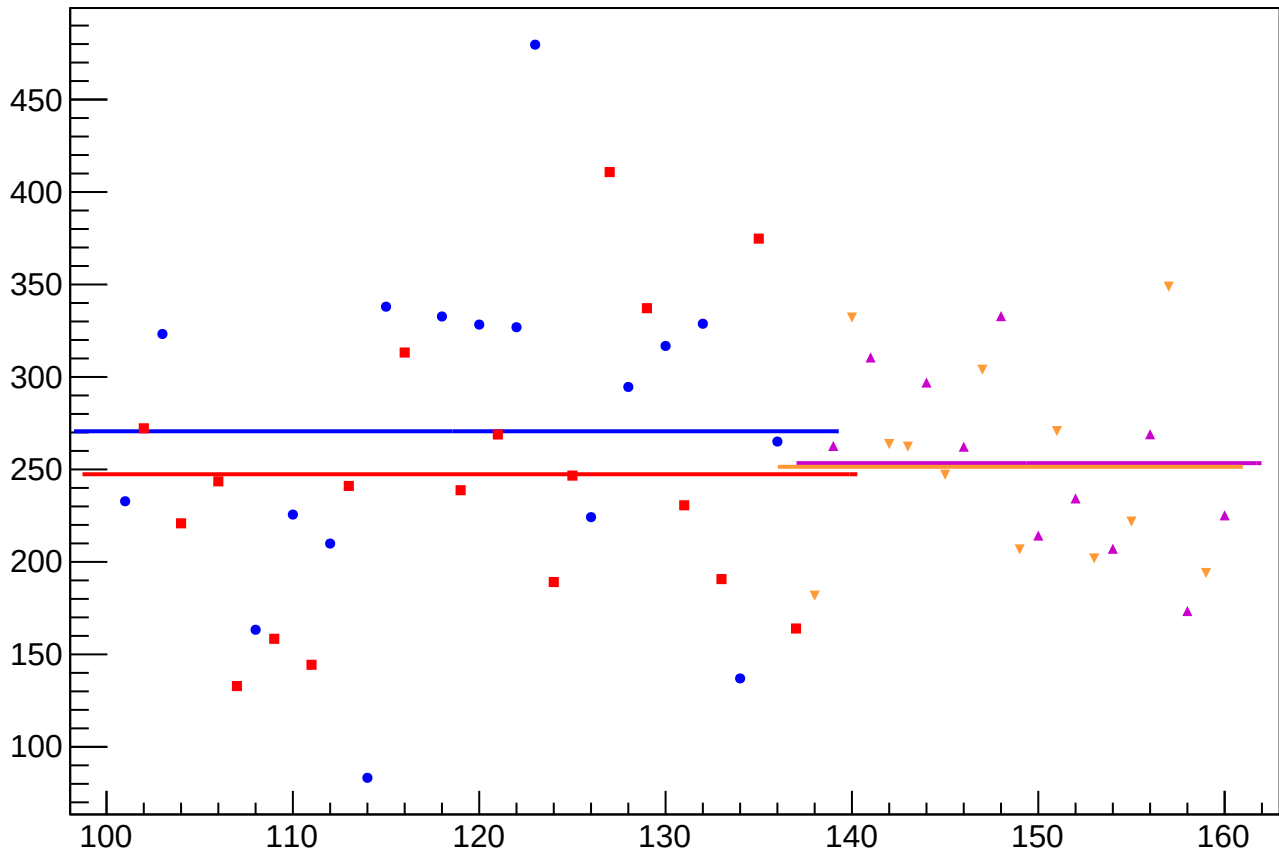
dit_sam5_coil7_mean vs Slug



Right In: -1387.447+/-0.000	χ^2/NDF : 1052649963447979198116034562243591929856.0/16
Left Out: -1330.420+/-0.000	χ^2/NDF : 26483457480768378875041680320691699712.0/11
Right Out: -1240.179+/-0.000	χ^2/NDF : 1416369744921748520391717301088168181760.0/17
Left In: -1235.621+/-0.000	χ^2/NDF : 101175024554514162187059760134266814464.0/10

+ sign -1355.110+/-0.000 χ^2/NDF : 1080413237028
 All: -1295.541+/-0.000 χ^2/NDF : 2609187389
 - sign -1237.599+/-0.000 χ^2/NDF : 15175531795732

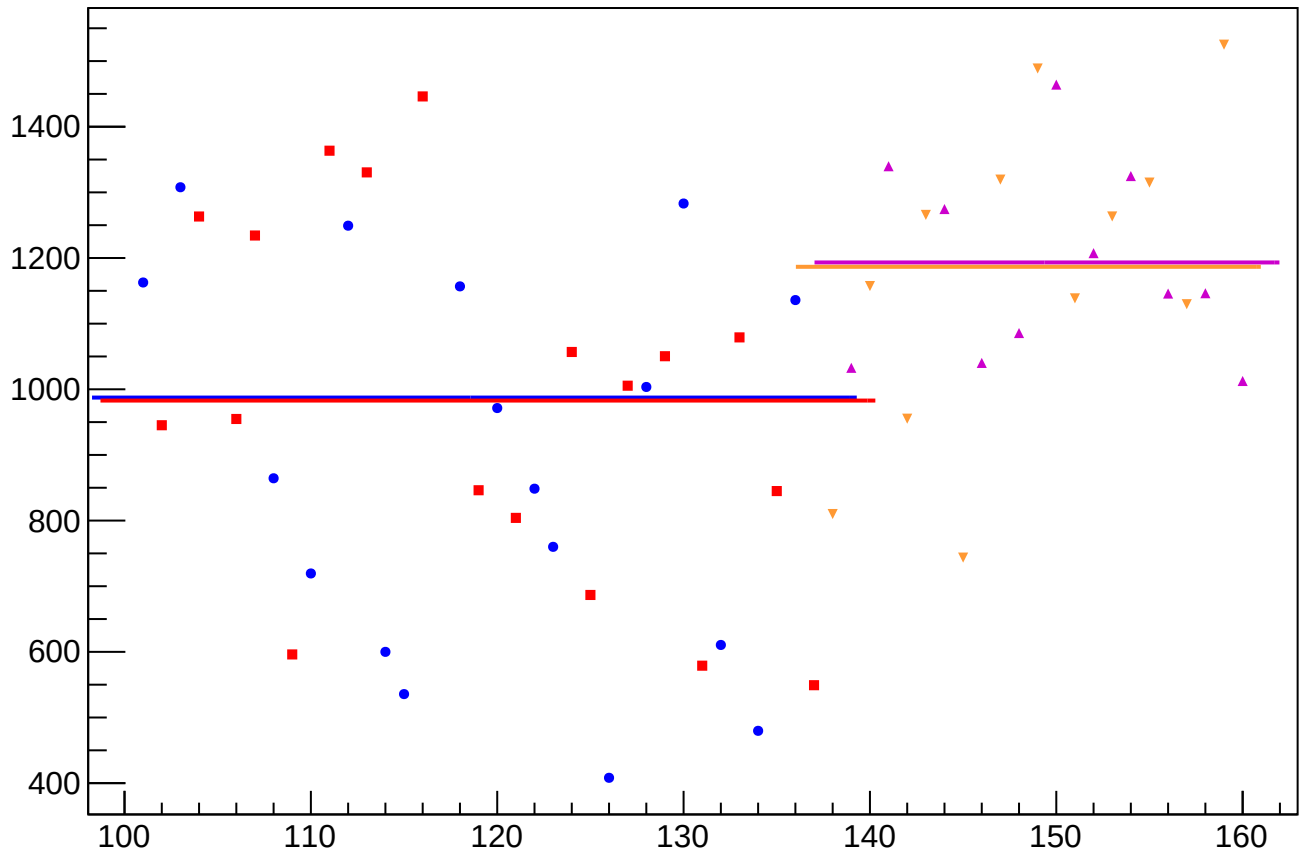
dit_sam5_coil7_err_mean vs Slug



Right In: 270.634+/-0.000	χ^2/NDF : 2782961301444799640631413817001115648.0/16
Left Out: 251.431+/-0.000	χ^2/NDF : 2584936508665838554891763249678647296.0/11
Right Out: 247.395+/-0.000	χ^2/NDF : 4145415912975495896207578940101885952.0/17
Left In: 253.400+/-0.000	χ^2/NDF : 1956558228349454722124070225585373184.0/10

+ sign 259.744+/-0.000 χ^2/NDF : 551301920685929
 All: 255.208+/-0.000 χ^2/NDF : 116946735733
 - sign 250.795+/-0.000 χ^2/NDF : 611657187843847

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

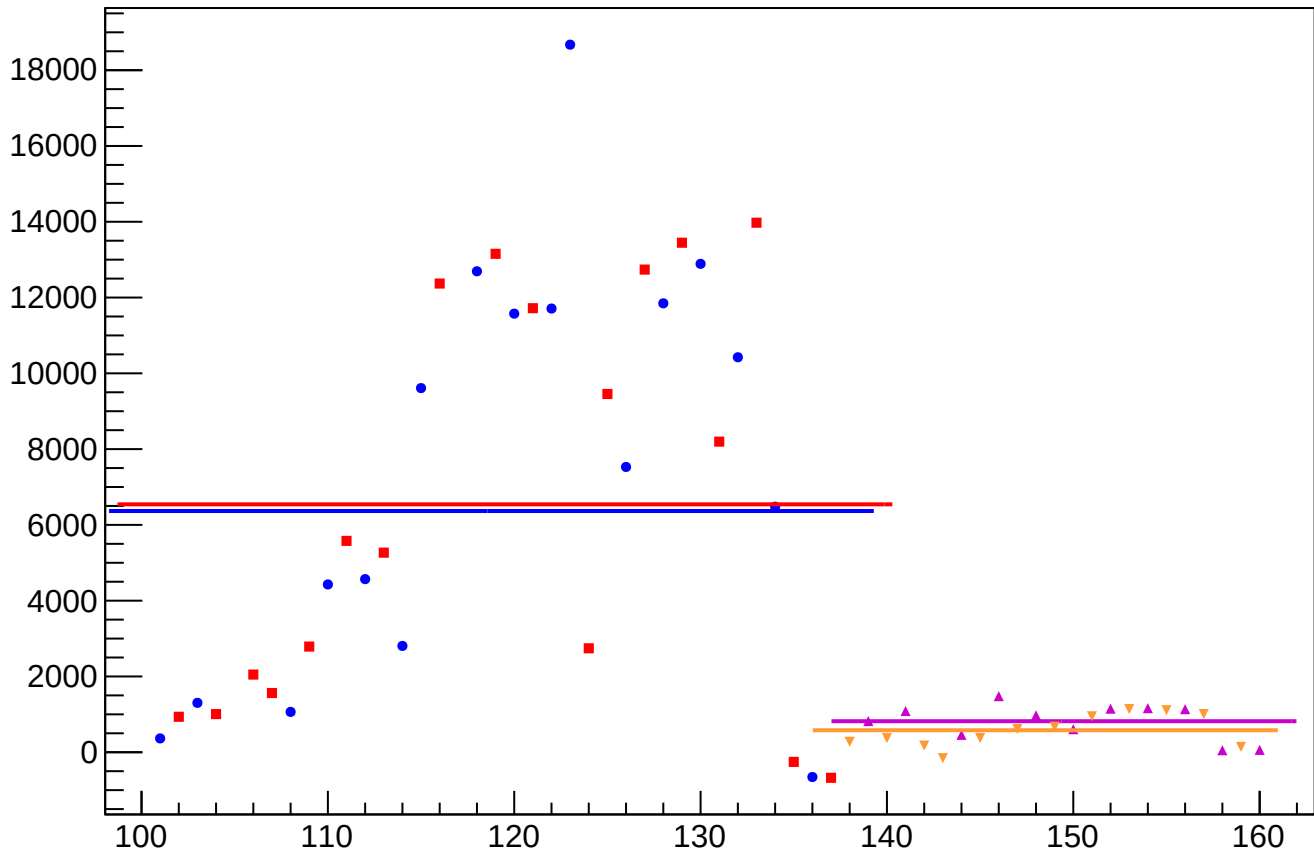
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

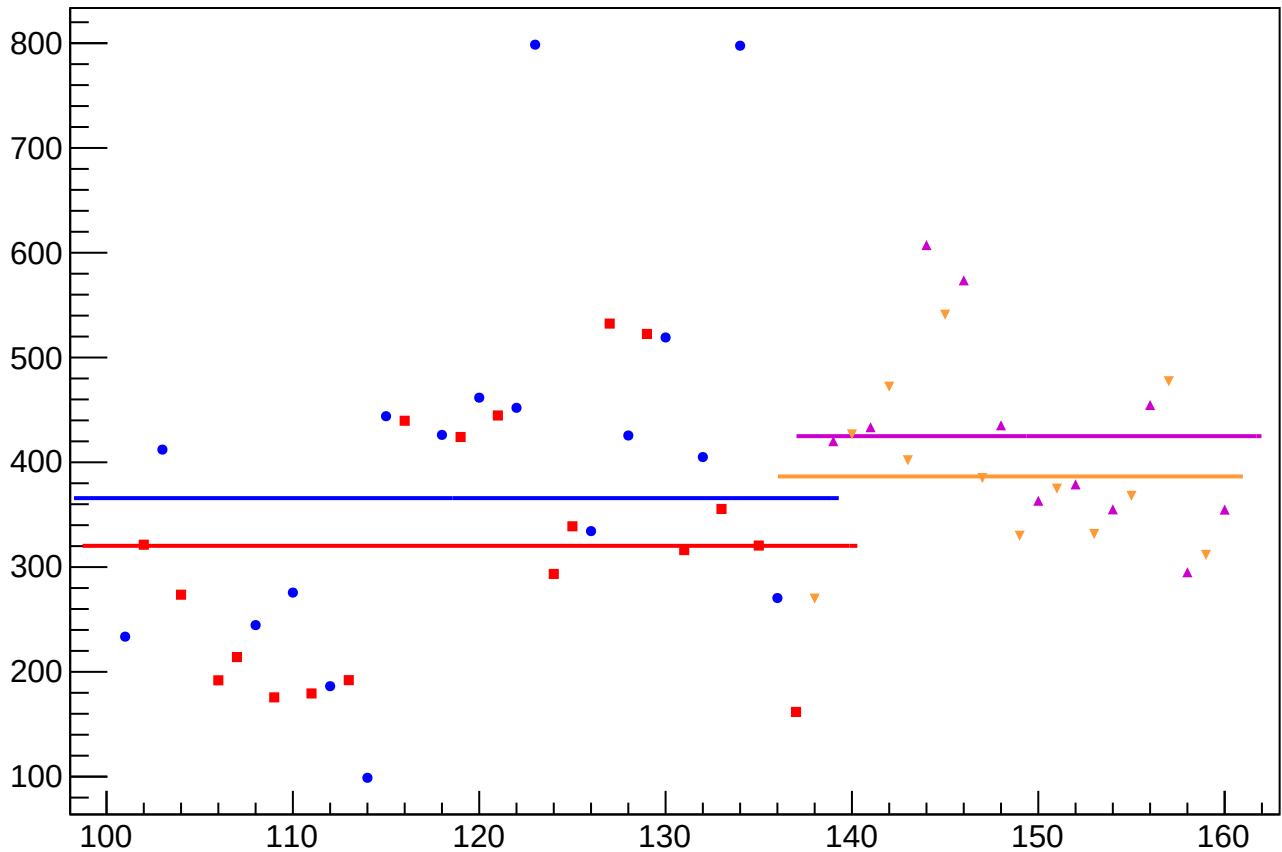
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam6_coil7_mean vs Slug



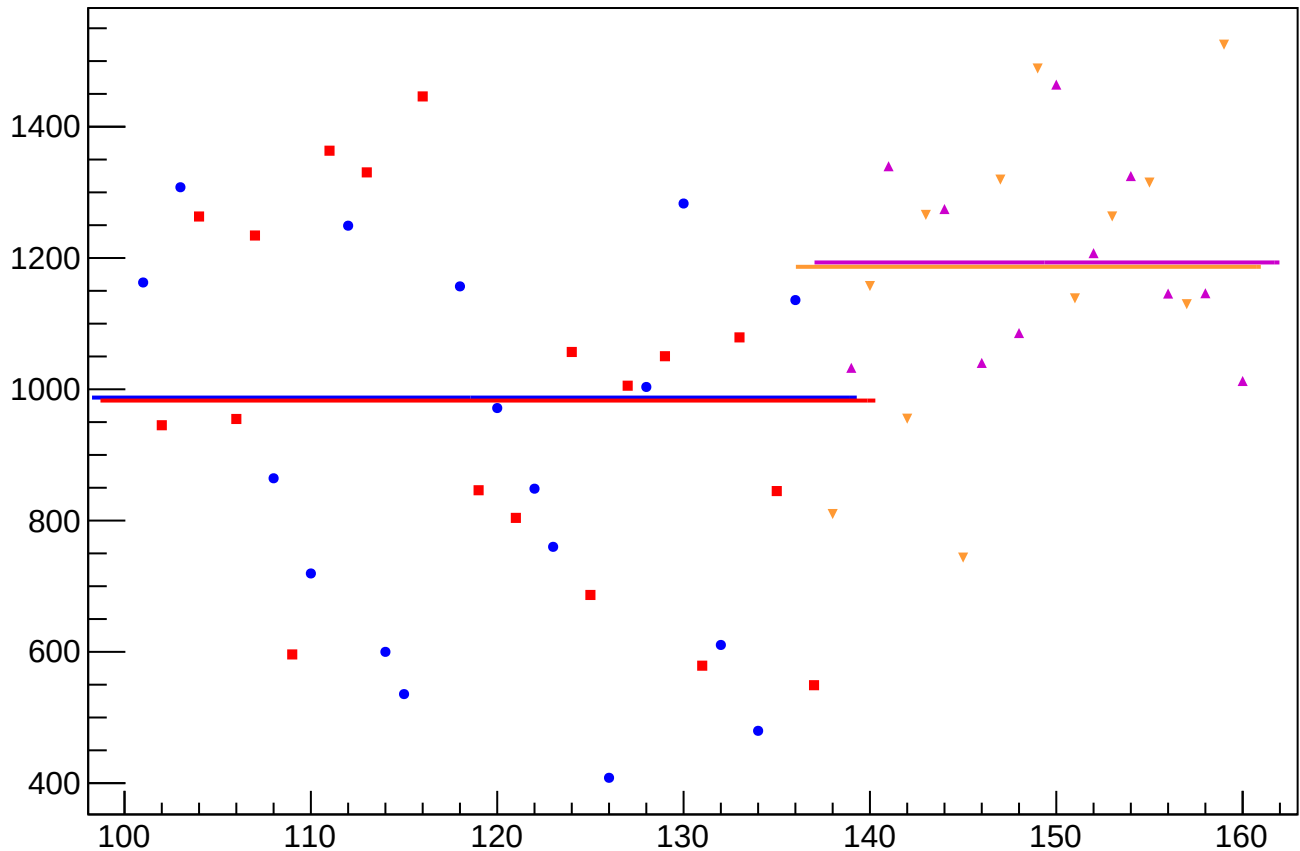
Right In: 6366.506+/-0.000 χ^2/NDF : 19013791293174950781662205946475975802880.0/16
 Left Out: 580.460+/-0.000 χ^2/NDF : 147049020633782369498744411617383940096.0/11
 Right Out: 6542.482+/-0.000 χ^2/NDF : 19769956838076333850932350219813545574400.0/17
 Left In: 819.110+/-0.000 χ^2/NDF : 183157286760955615902217096477246750720.0/10
 + sign 3085.460+/-0.000 χ^2/NDF : 32335929066490
 All: 3195.354+/-0.000 χ^2/NDF : 65586954206
 - sign 3302.248+/-0.000 χ^2/NDF : 33212835876624

dit_sam6_coil7_err_mean vs Slug



Right In: 365.806+/-0.000 χ^2/NDF : 12360453443474503357525500563004850176.0/16
 Left Out: 386.511+/-0.000 χ^2/NDF : 5027608774007269972306139885841940480.0/11
 Right Out: 320.284+/-0.000 χ^2/NDF : 9463966273350706118112483440542613504.0/17
 Left In: 424.949+/-0.000 χ^2/NDF : 7621452352927450037498346719559024640.0/10

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

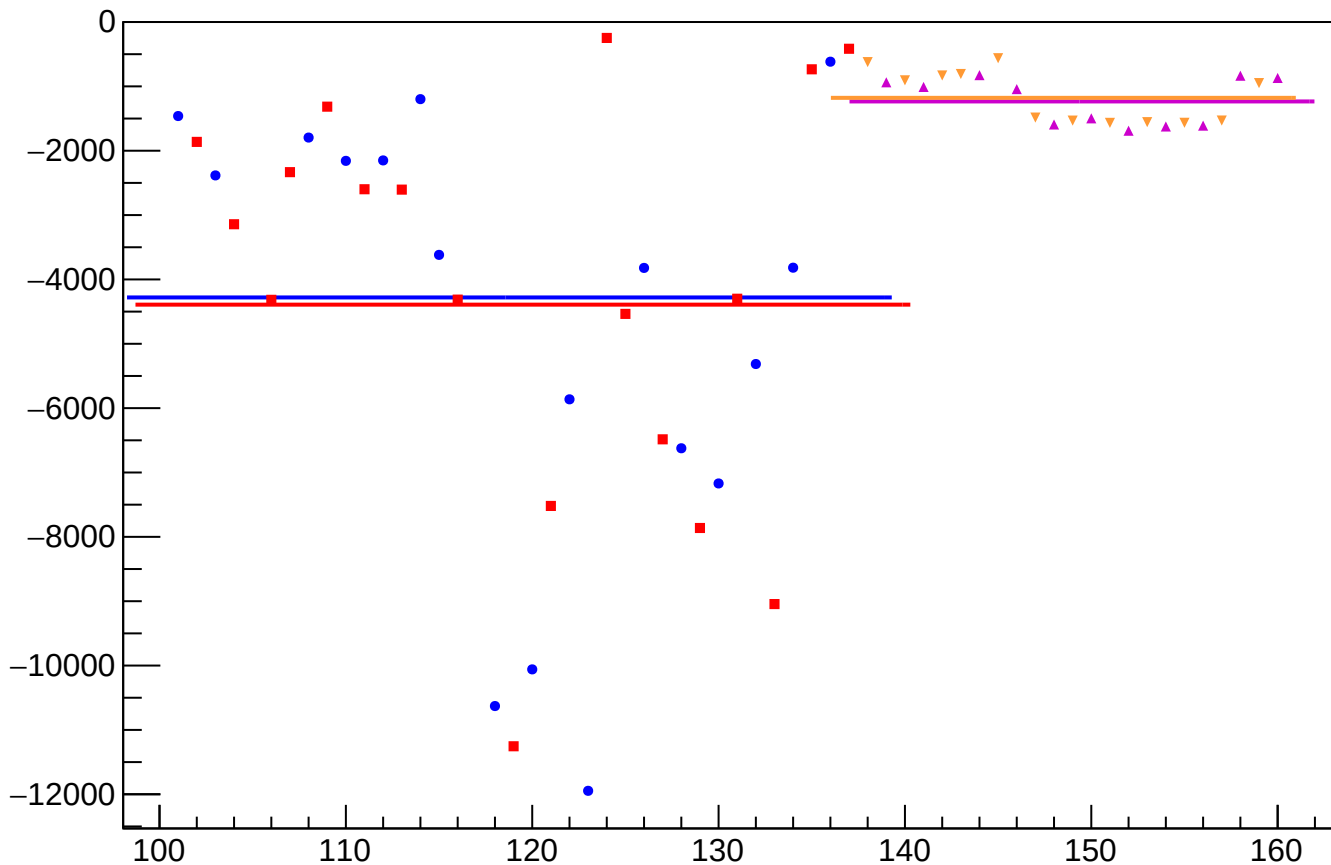
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

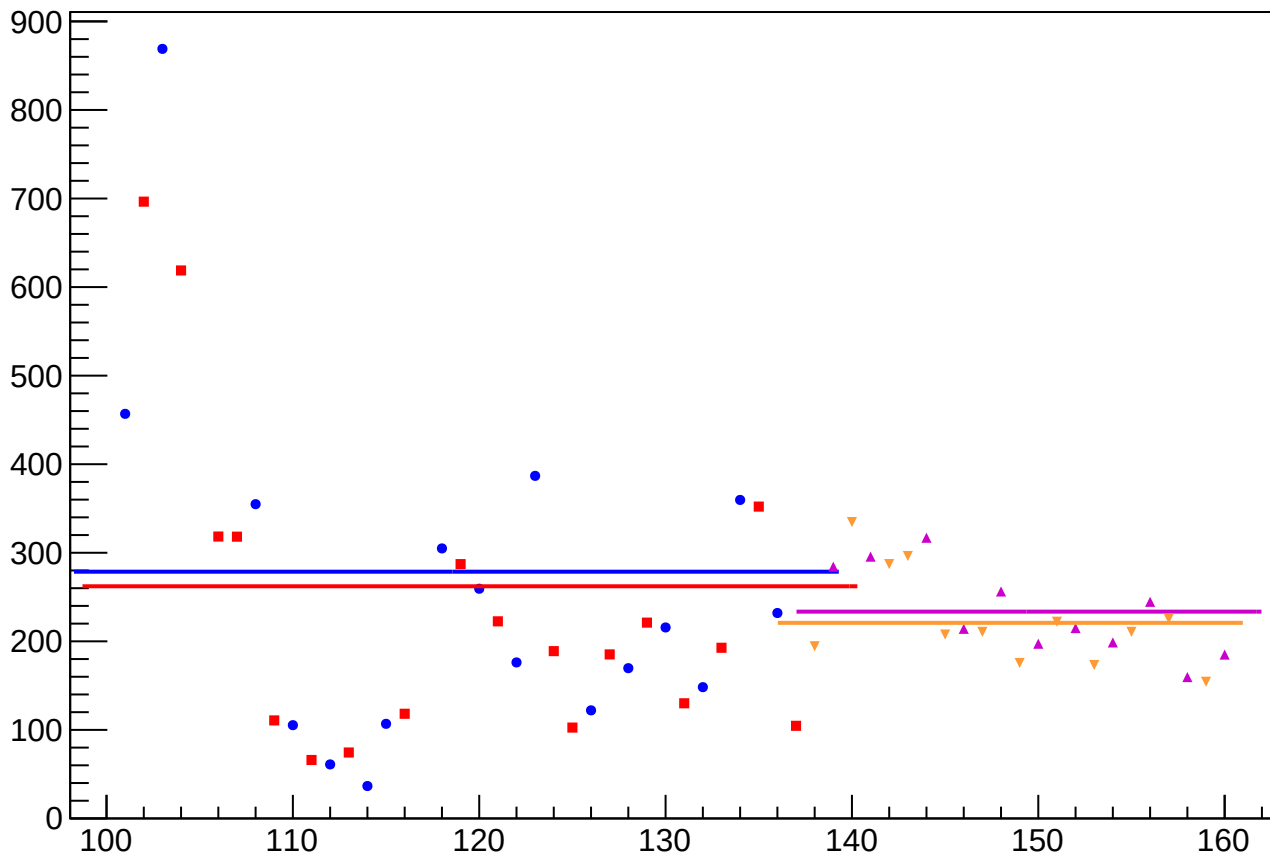
- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam7_coil7_mean vs Slug



Right In: -4279.824 ± 0.000 χ^2/NDF : 6998436131465727751461675089449726246912.0/16
 Left Out: -1178.229 ± 0.000 χ^2/NDF : 141473895084928360538242951996197830656.0/11
 Right Out: -4391.806 ± 0.000 χ^2/NDF : 7013803733920665719163942153165454966784.0/17
 Left In: -1234.217 ± 0.000 χ^2/NDF : 113222953765781340341469389402247528448.0/10

dit_sam7_coil7_err_mean vs Slug



Right In: 278.633+/-0.000 χ^2/NDF : 30524296265206738304048515708883042304.0/16

Left Out: 220.880+/-0.000 χ^2/NDF : 2451153402301458952205629704112177152.0/11

Right Out: 262.162+/-0.000 χ^2/NDF : 25748645086335087770789028222868652032.0/17

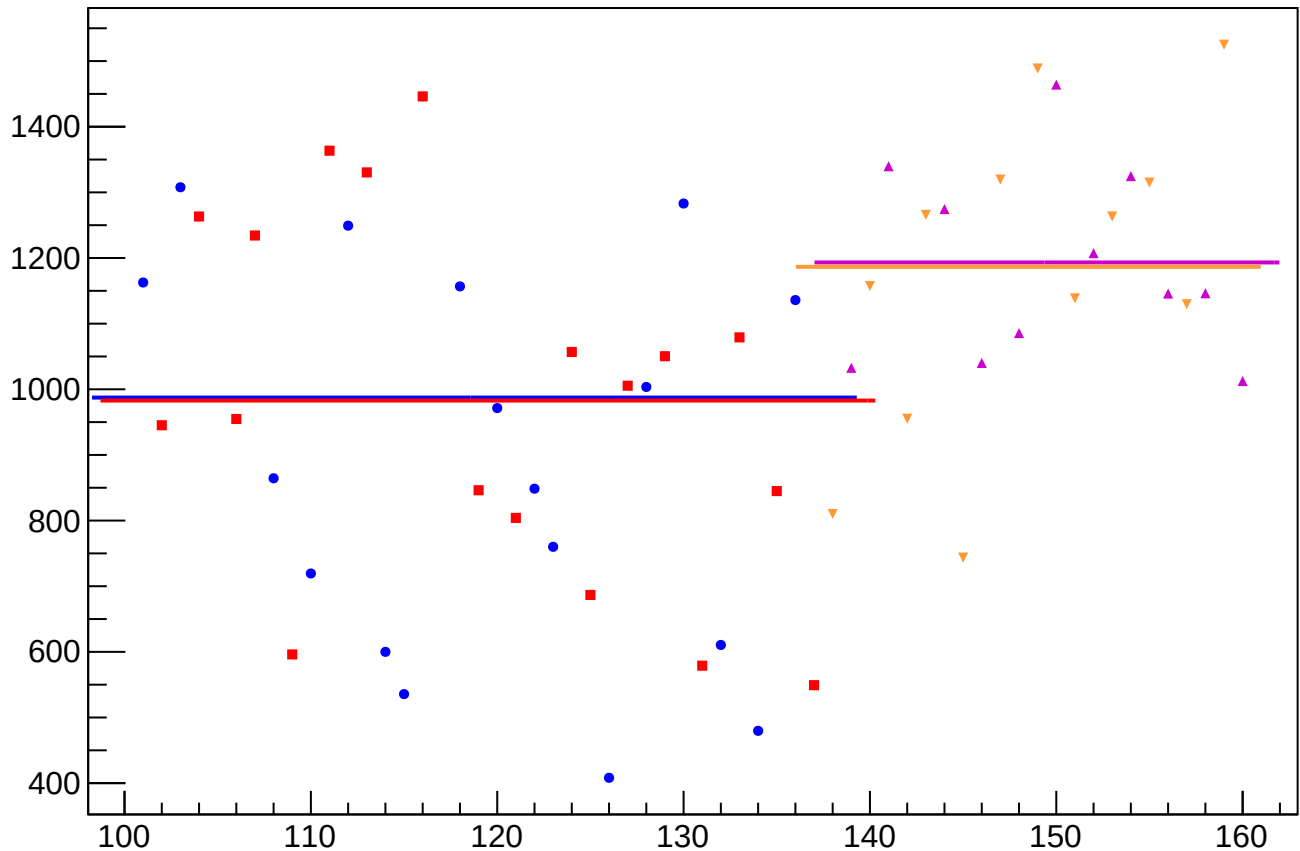
Left In: 233.520+/-0.000 χ^2/NDF : 2135124077253807192462629940293009408.0/10

+ sign 245.884+/-0.000 χ^2/NDF : 342880767821985

All: 245.916+/-0.000 χ^2/NDF : 62503927780

- sign 245.946+/-0.000 χ^2/NDF : 282158478141649

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

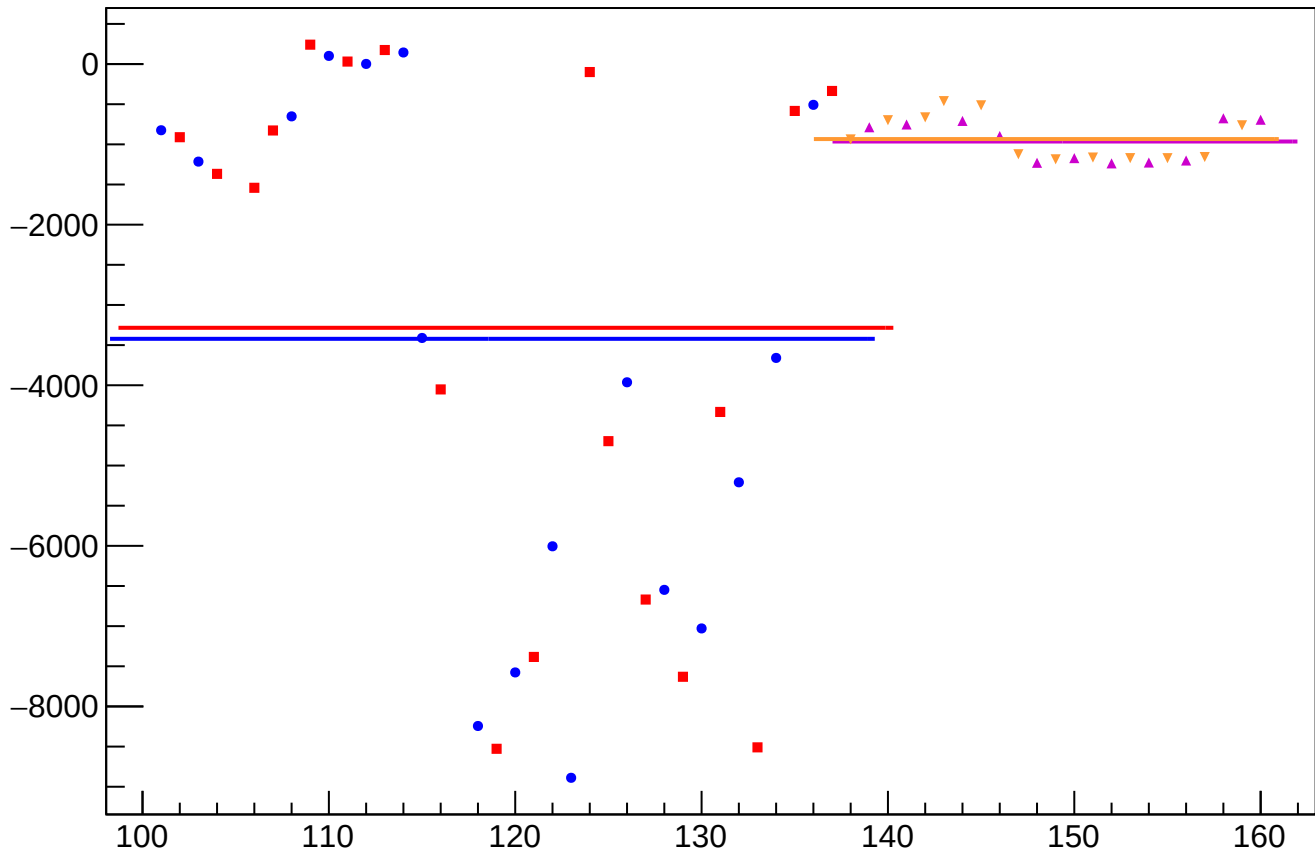
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_sam8_coil7_mean vs Slug



Right In: -3421.719+/-0.000 χ^2/NDF : 6462112736004972779572658363986020925440.0/16

Left Out: -933.972+/-0.000 χ^2/NDF : 64192639419401528934807333255243628544.0/11

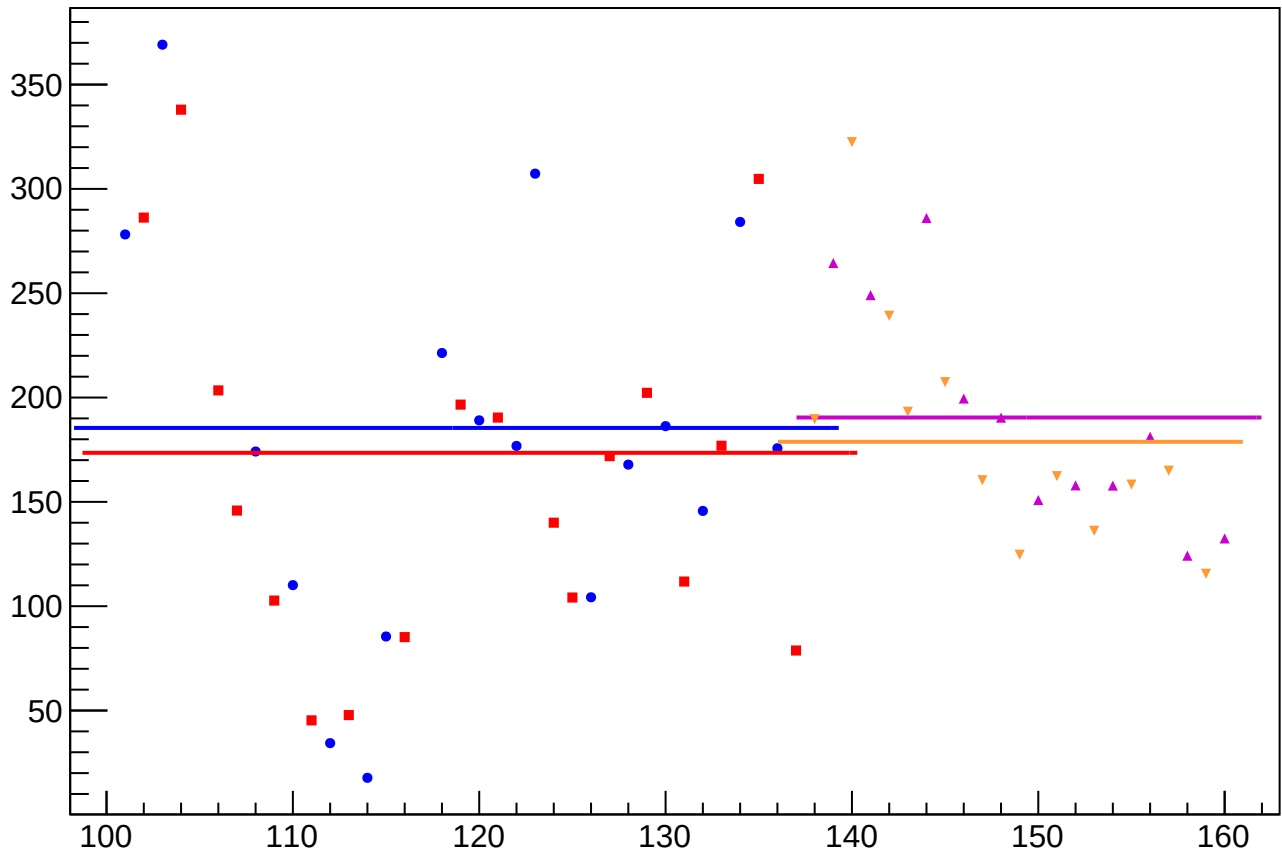
Right Out: -3284.376+/-0.000 χ^2/NDF : 7820854185595313728450757047863572692992.0/17

Left In: -964.532+/-0.000 χ^2/NDF : 52328346838047917935593162774962765824.0/10

All: -1990.738+/-0.000 χ^2/NDF : 1901481957

- sign -1971.018+/-0.000 χ^2/NDF : 10051634353720

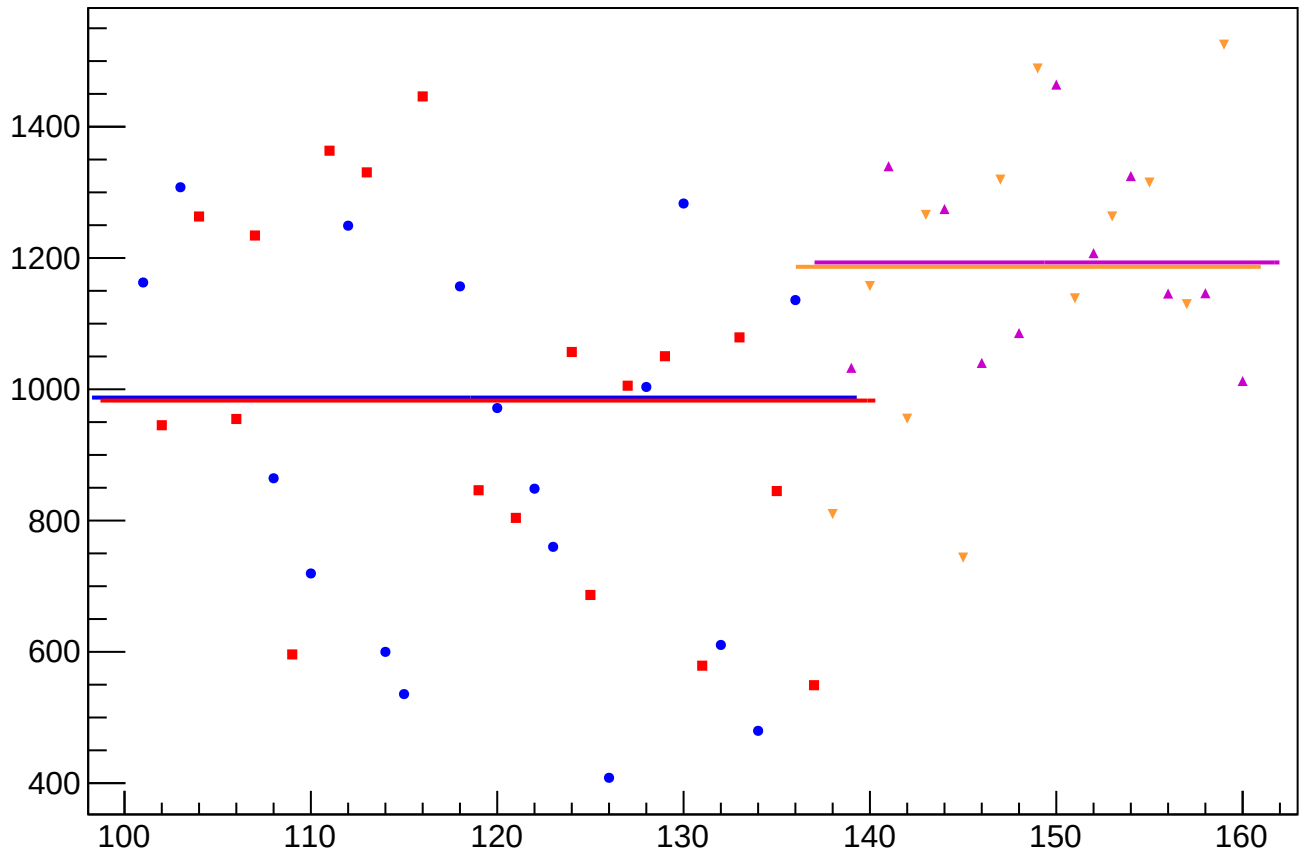
dit_sam8_coil7_err_mean vs Slug



Right In: 185.440 $\pm$ 0.000	χ^2/NDF : 4992999881975997017558054599194050560.0/16
Left Out: 178.789 $\pm$ 0.000	χ^2/NDF : 2761846974558217365203652056992186368.0/11
Right Out: 173.513 $\pm$ 0.000	χ^2/NDF : 5476704825855084602521292305195859968.0/17
Left In: 190.431 $\pm$ 0.000	χ^2/NDF : 2526907691148920878217594844913598464.0/10

+ sign 181.668 $\pm$ 0.000 χ^2/NDF : 777225827840699
 All: 182.390 $\pm$ 0.000 χ^2/NDF : 158933789592
 - sign 183.091 $\pm$ 0.000 χ^2/NDF : 811947607892109

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16

Left Out: 1186.594 $\pm$ 0.000 χ^2 /NDF: 49763362019555548841298308984106647552.0/11

Right Out: 982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17

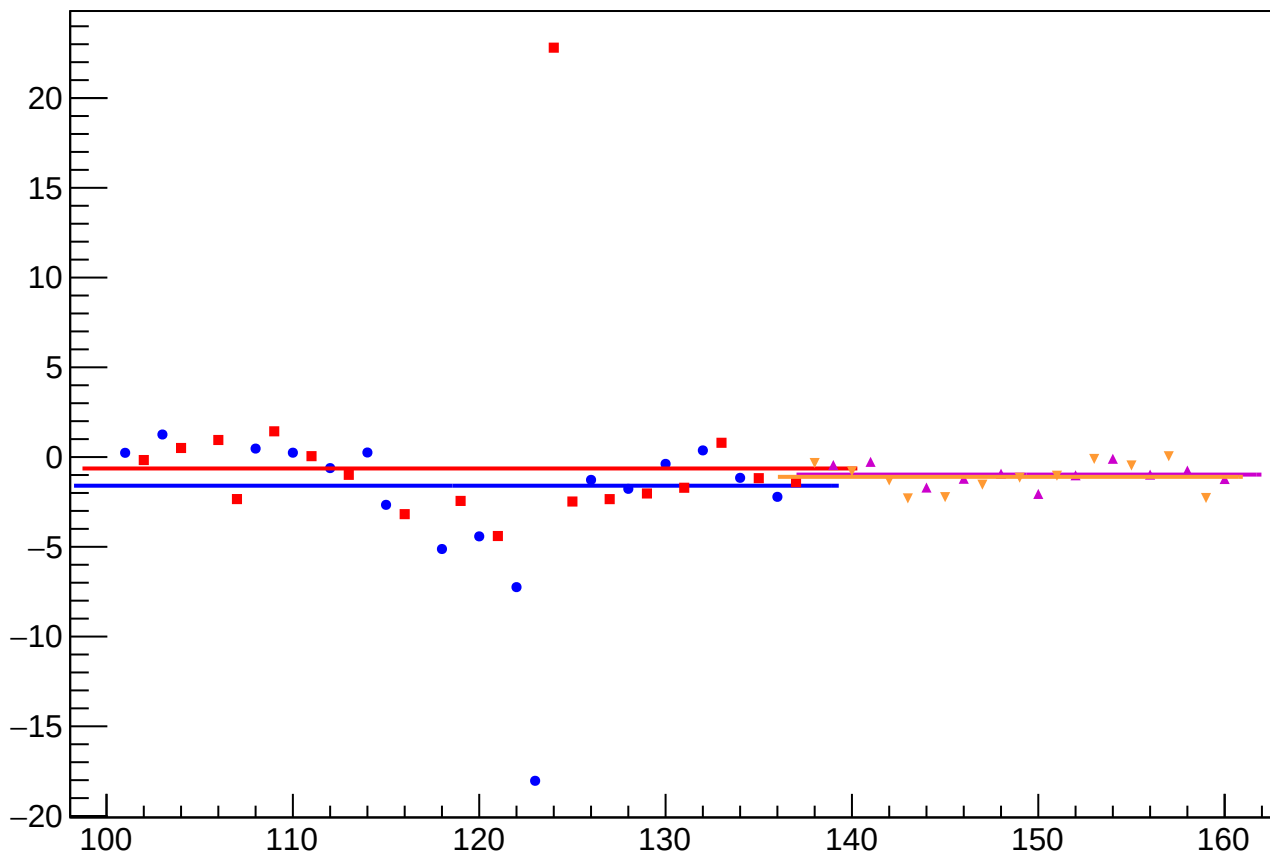
Left In: 1193.230 $\pm$ 0.000 χ^2 /NDF: 18719715189237327364686937904868491264.0/10

+ sign 1100.350 $\pm$ 0.000 χ^2 /NDF: 11795171358151

All: 1101.159 $\pm$ 0.000 χ^2 /NDF: 20269903253

- sign 1101.947 $\pm$ 0.000 χ^2 /NDF: 84745247462725

dit_4aX_coil4_mean vs Slug



Right In: -1.596 ± 0.000 $\chi^2/\text{NDF}: 4654807928359892398673617982849024.0/16$

Left Out: -1.102 ± 0.000 $\chi^2/\text{NDF}: 592180467002513566987832570937344.0/11$

Right Out: -0.636 ± 0.000 $\chi^2/\text{NDF}: 9571048295343482409580772007608320.0/17$

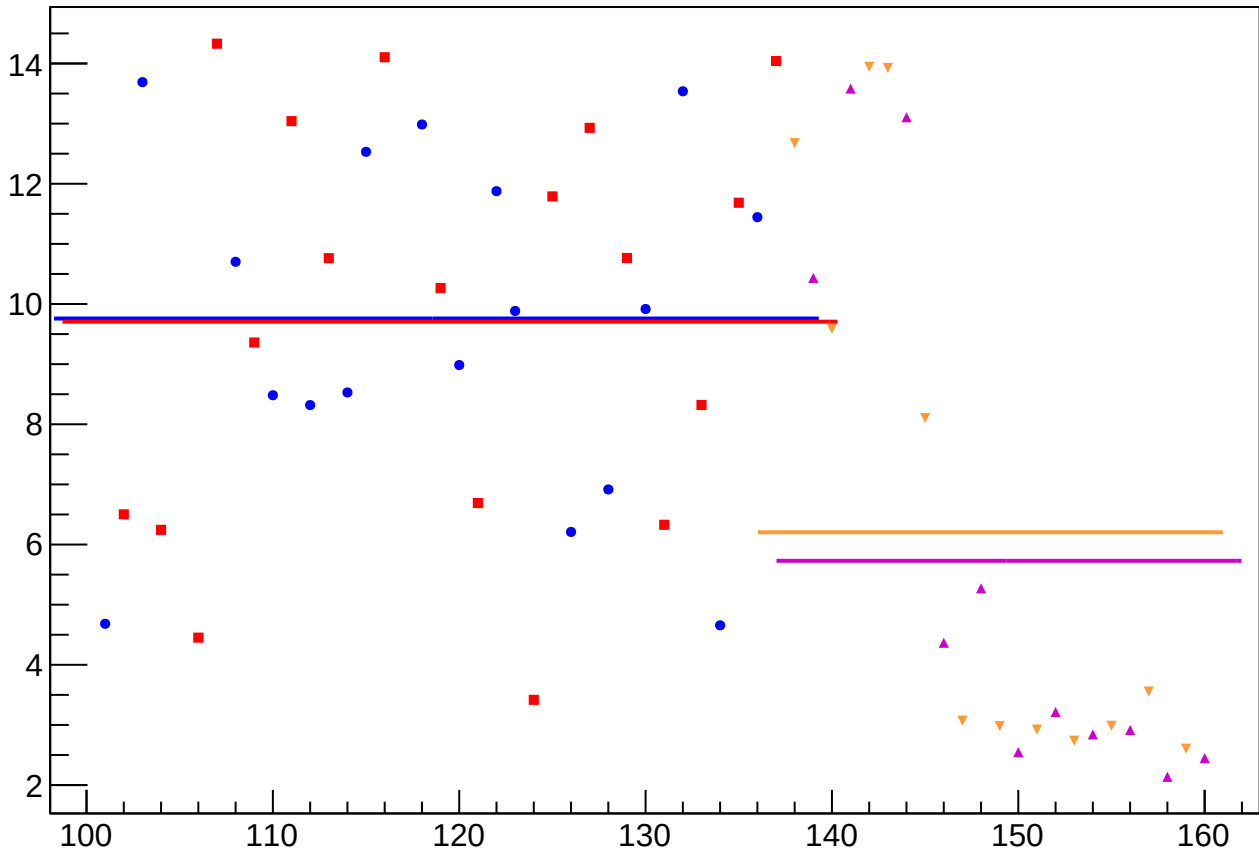
Left In: -0.977 ± 0.000 $\chi^2/\text{NDF}: 300890397650119639347670720446464.0/10$

All: -1.069 ± 0.000 $\chi^2/\text{NDF}: 1545459407936$

+ sign -1.316 ± 0.000 $\chi^2/\text{NDF}: 5342982543147987$

- sign -0.829 ± 0.000 $\chi^2/\text{NDF}: 99189735363559130$

dit_4aX_coil4_err_mean vs Slug



Right In: 9.759 $\pm$ 0.000 χ^2 /NDF: 5805218601264248923404355625811968.0/16

Left Out: 6.204 $\pm$ 0.000 χ^2 /NDF: 17109991032954173502313359403384832.0/11

Right Out: 9.706 $\pm$ 0.000 χ^2 /NDF: 6508390621050403360774220706480128.0/17

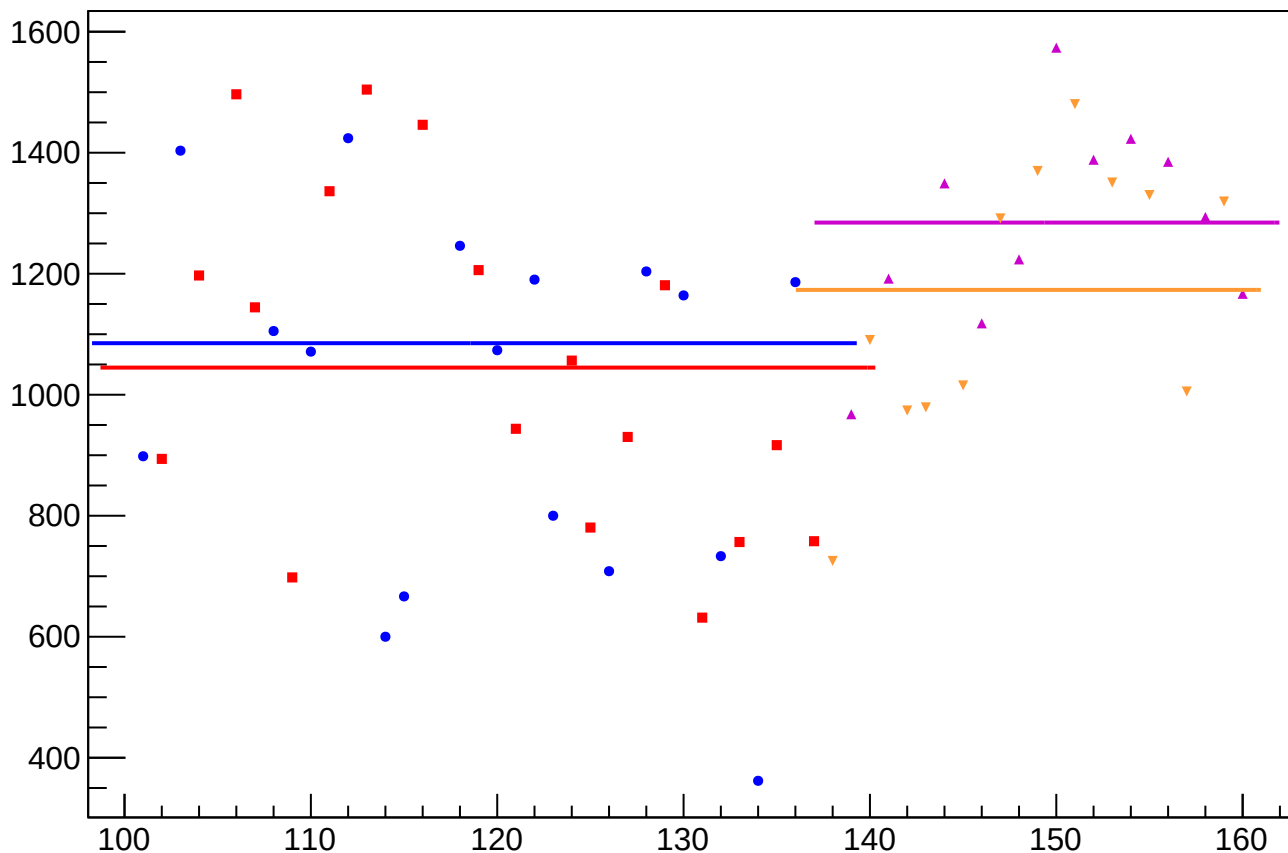
Left In: 5.730 $\pm$ 0.000 χ^2 /NDF: 16834211139985692030618150983696384.0/10

+ sign 7.743 $\pm$ 0.000 χ^2 /NDF: 27887924008453244

All: 7.597 $\pm$ 0.000 χ^2 /NDF: 57699110892163

- sign 7.455 $\pm$ 0.000 χ^2 /NDF: 29743736675365578

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

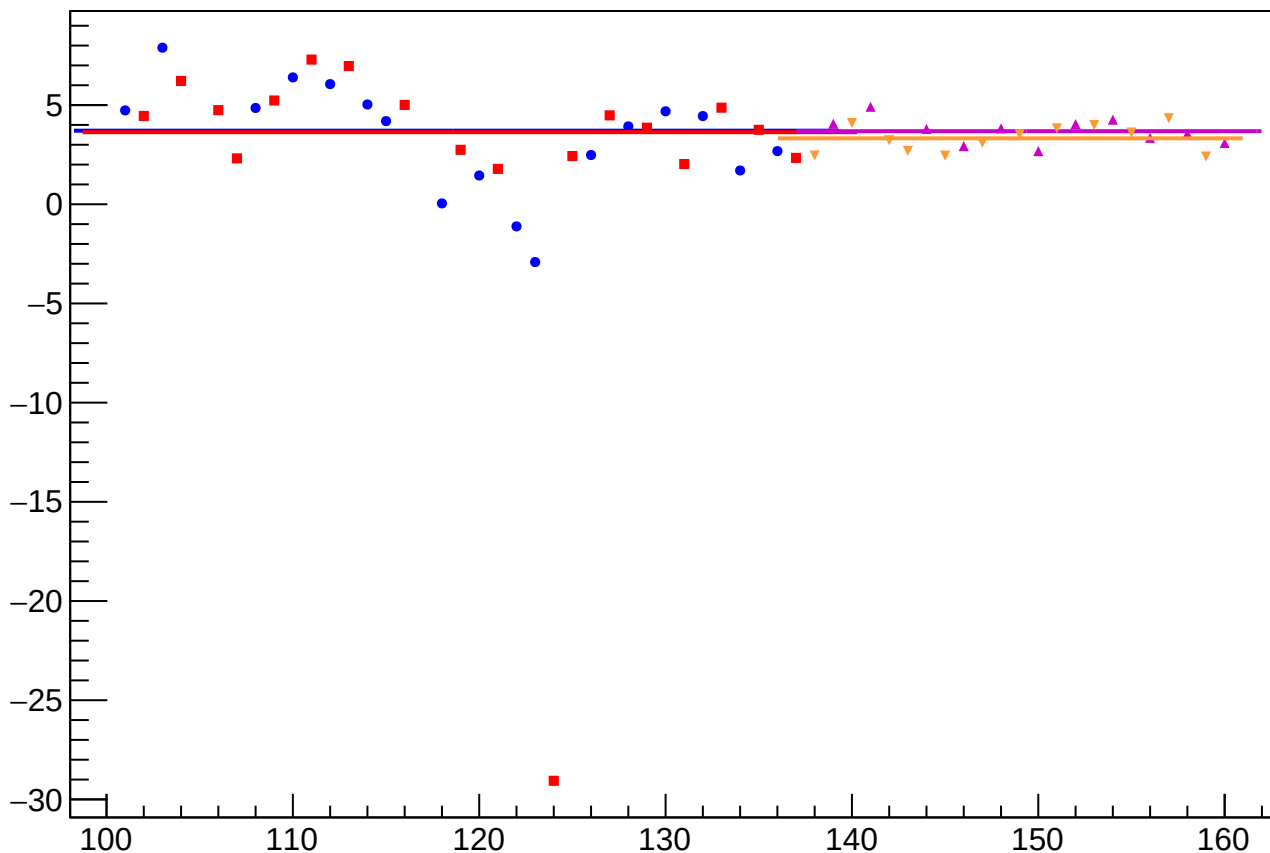
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_4eX_coil4_mean vs Slug



Right In: 3.709+/-0.000

χ^2/NDF : 4018102777172229540031969661812736.0/16

Left Out: 3.324+/-0.000

χ^2/NDF : 408662092507009780807820497649664.0/11

Right Out: 3.634+/-0.000

χ^2/NDF : 17179706396424887783373227094441984.0/17

Left In: 3.684+/-0.000

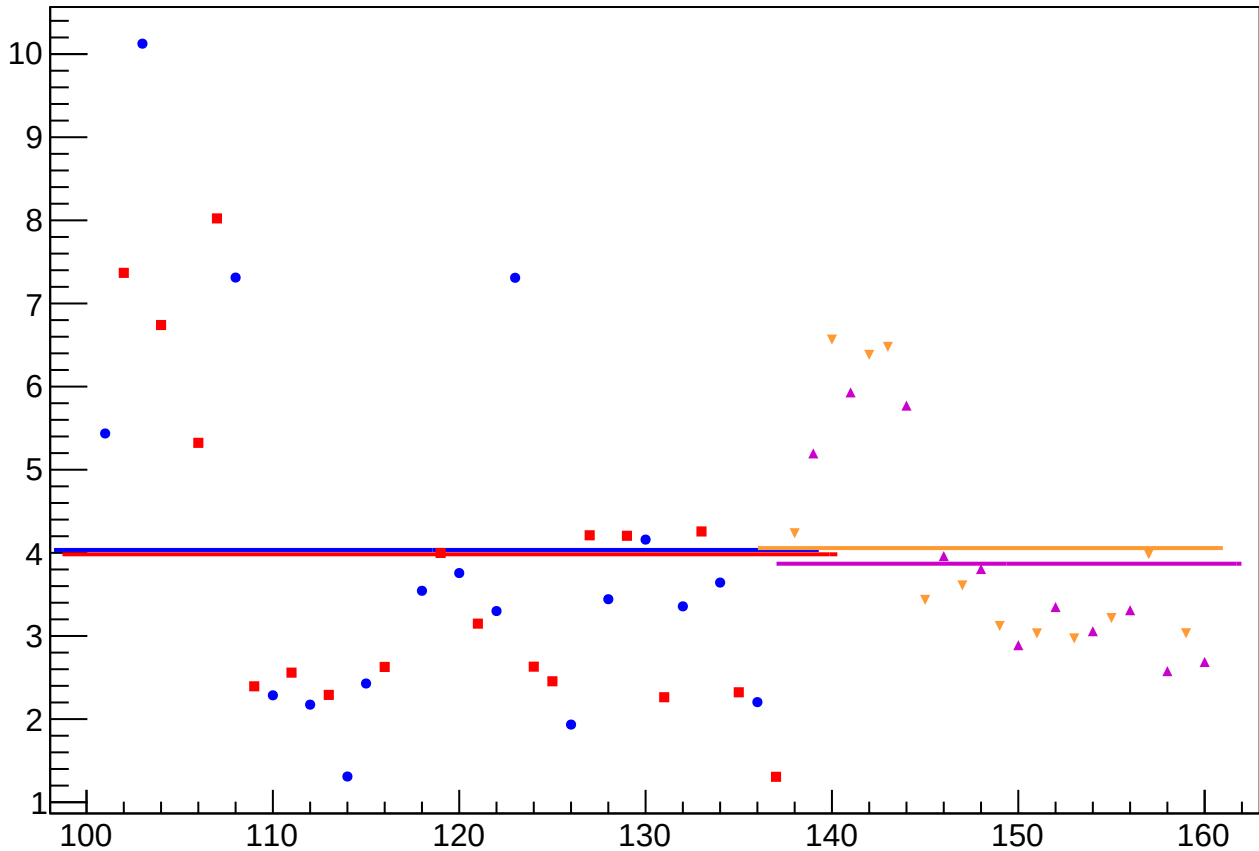
χ^2/NDF : 362171161596980472614323696435200.0/10

+ sign 3.491+/-0.000 χ^2/NDF : 44853380291629206

All: 3.578+/-0.000 χ^2/NDF : 22052203058922

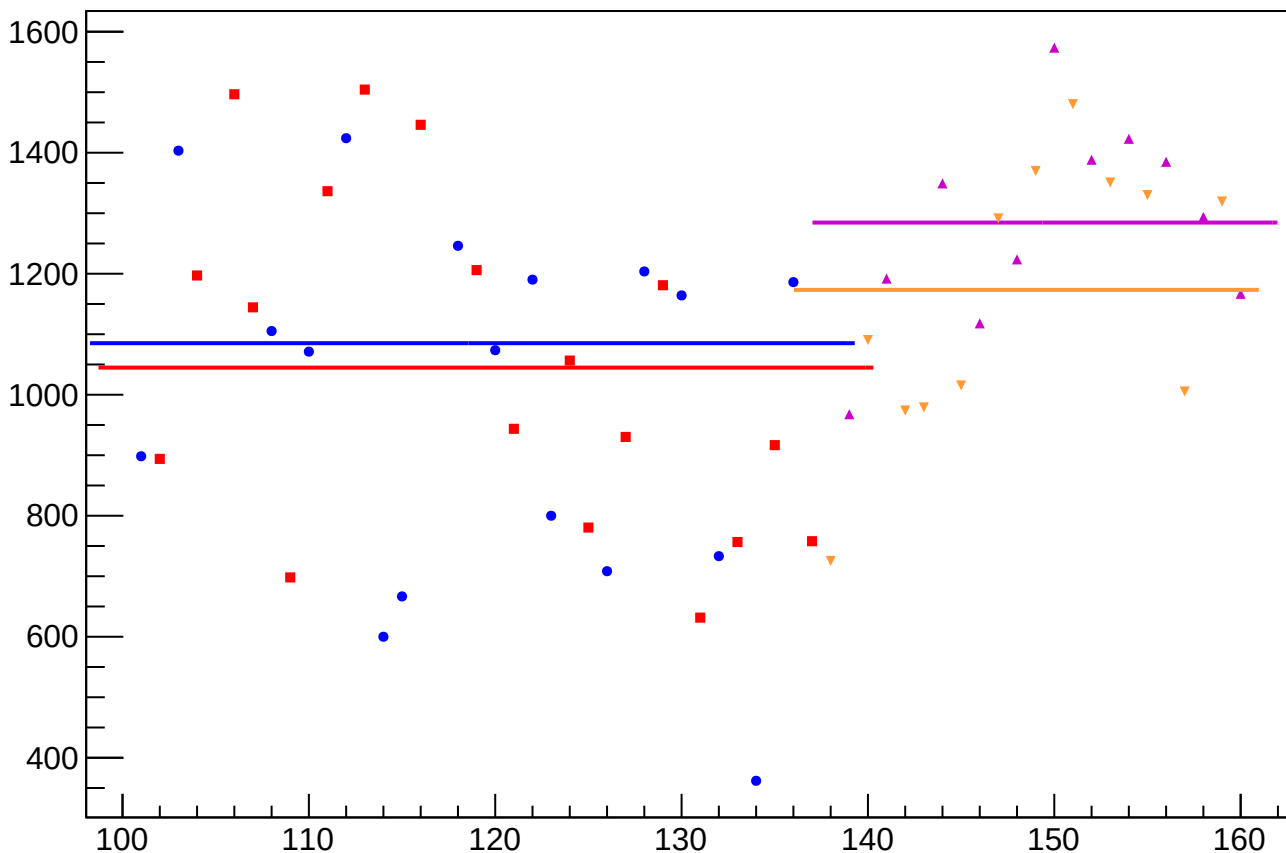
- sign 3.662+/-0.000 χ^2/NDF : 17542924542966772

dit_4eX_coil4_err_mean vs Slug



Right In: 4.035 $\pm$ 0.000 χ^2 /NDF: 3710399284586297338090254185267200.0/16
 Left Out: 4.057 $\pm$ 0.000 χ^2 /NDF: 1601757414873361873208521558851584.0/11
 Right Out: 3.983 $\pm$ 0.000 χ^2 /NDF: 2613925353133608323825730446163968.0/17
 Left In: 3.869 $\pm$ 0.000 χ^2 /NDF: 127275025204235909956227723665408.0/10

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

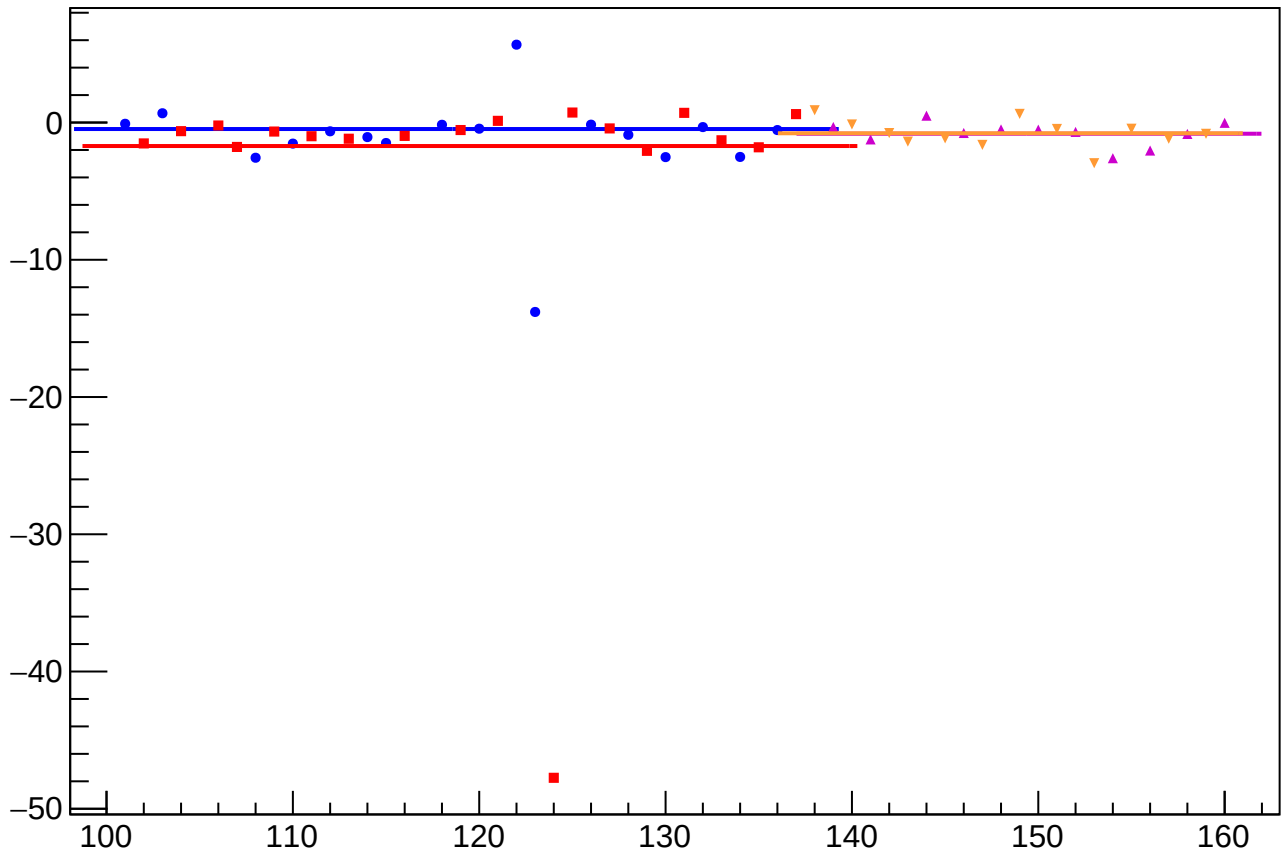
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

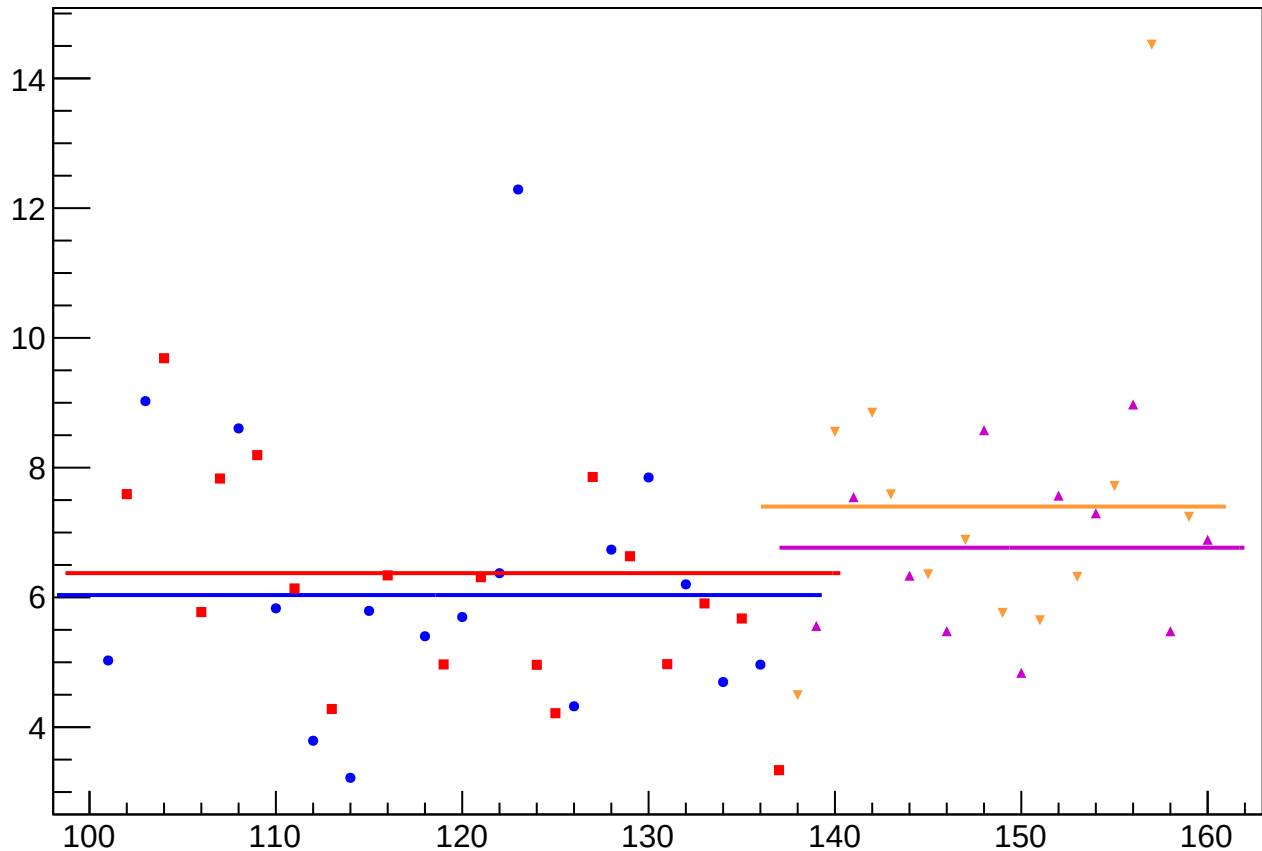
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_11X12X_coil4_mean vs Slug



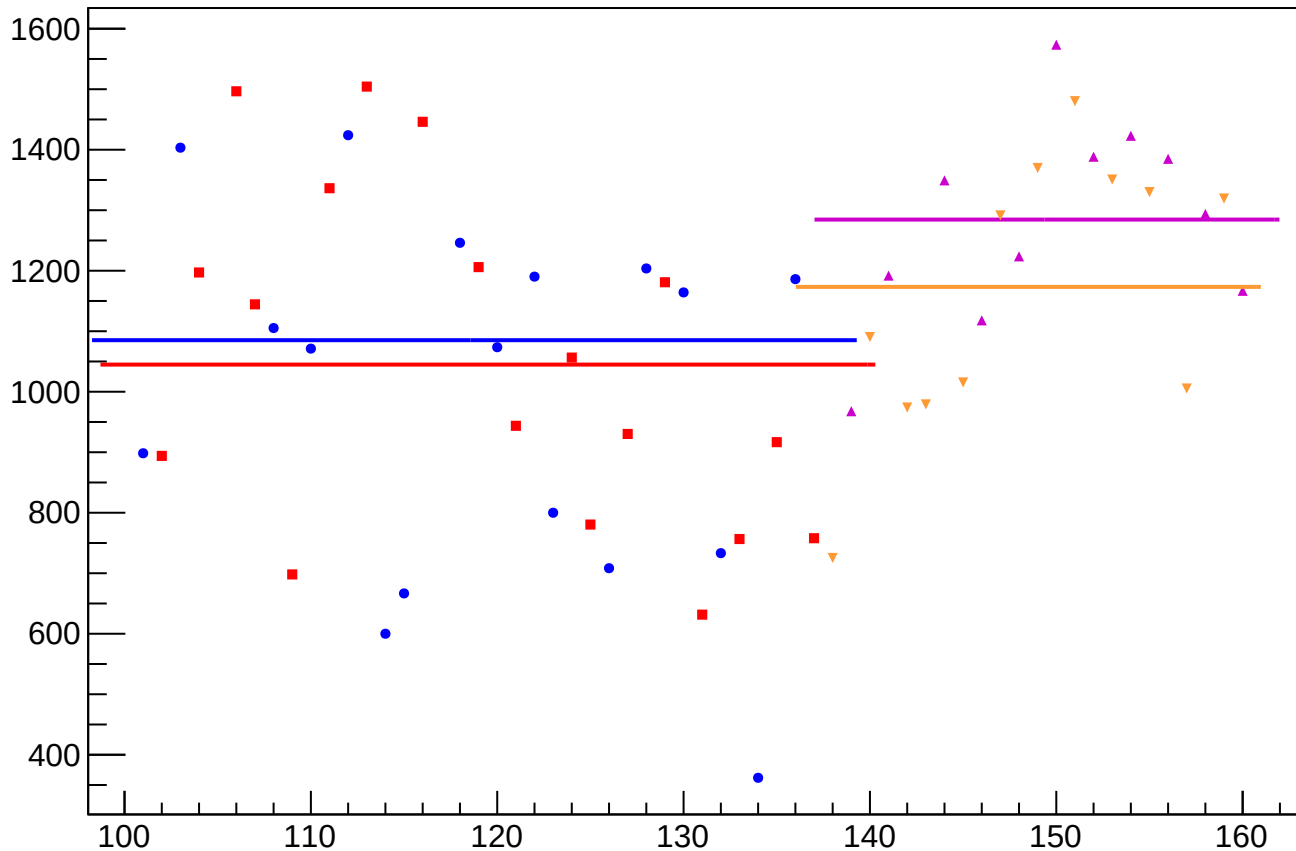
Right In: -0.473+/-0.000	χ^2/NDF : 2898613024888316123890745518063616.0/16	+ sign -0.649+/-0.000	χ^2/NDF : 3881544876846983
Left Out: -0.782+/-0.000	χ^2/NDF : 945280645994518900934494480498688.0/11	All: -0.931+/-0.000	χ^2/NDF : 3583661112386
Right Out: -1.712+/-0.000	χ^2/NDF : 30716645280339484063089556715470848.0/17	- sign -1.205+/-0.000	χ^2/NDF : 3170365417072797
Left In: -0.816+/-0.000	χ^2/NDF : 662056853644750883685234129240064.0/10		

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.036+/-0.000 χ^2/NDF : 1834282168572363767997793128415232.0/16
 Left Out: 7.400+/-0.000 χ^2/NDF : 5295448681829047225809354325229568.0/11
 Right Out: 6.374+/-0.000 χ^2/NDF : 1775962730889931898255737308053504.0/17
 Left In: 6.766+/-0.000 χ^2/NDF : 1543455485673800968010090913202176.0/10

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

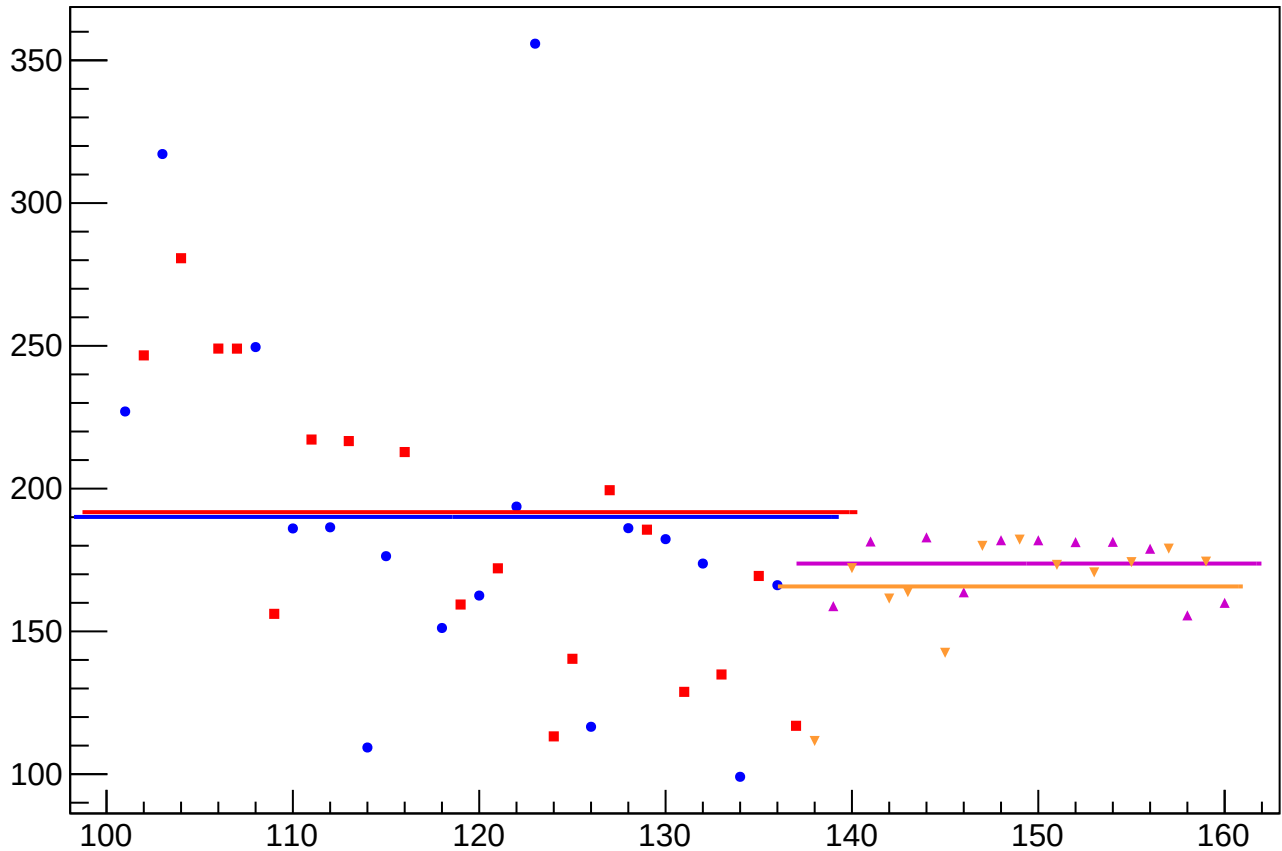
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

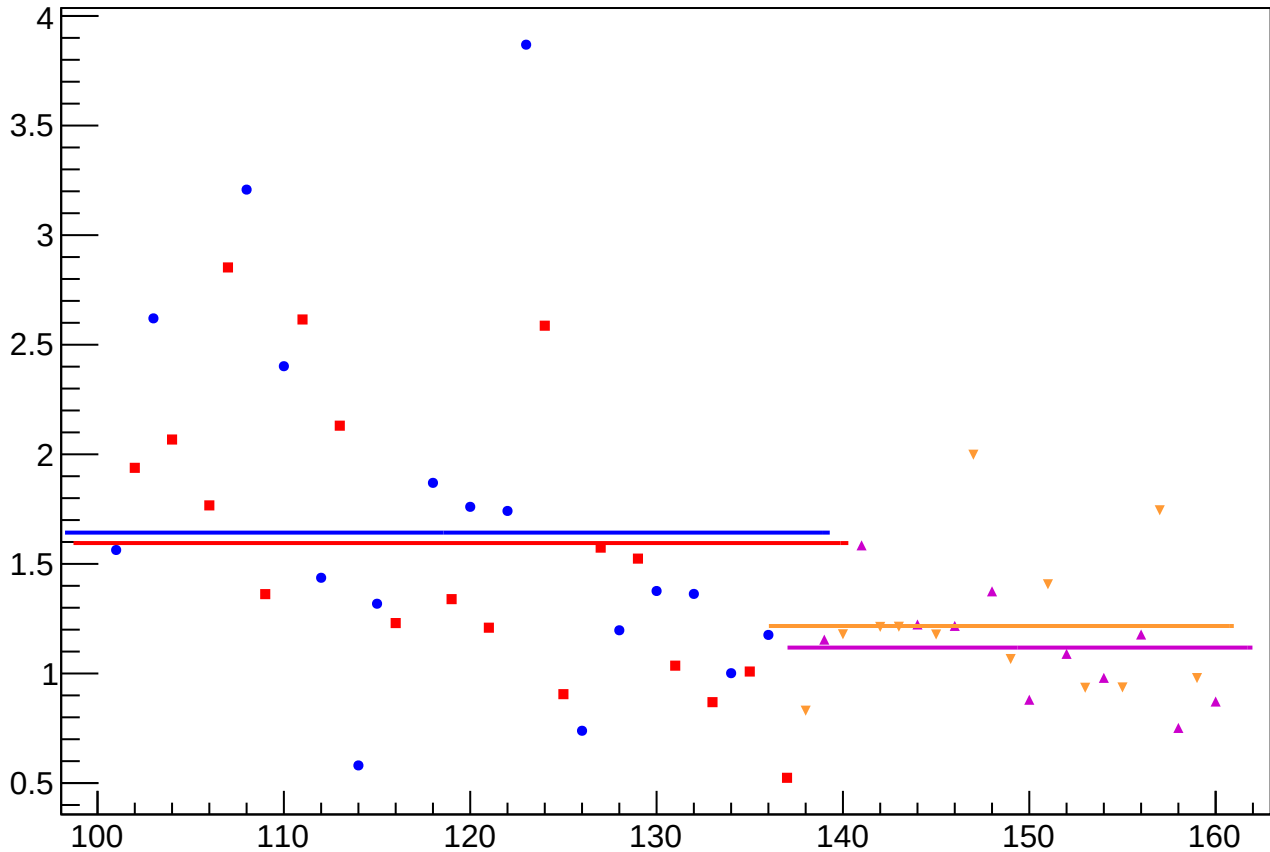
dit_4aY_coil4_mean vs Slug



Right In: 190.085+/-0.000	χ^2/NDF : 1925698803891151227234396073587900416.0/16
Left Out: 165.739+/-0.000	χ^2/NDF : 344682497656901428032567062567059456.0/11
Right Out: 191.757+/-0.000	χ^2/NDF : 1600653754892471682568282524337831936.0/17
Left In: 173.752+/-0.000	χ^2/NDF : 105283442852130720199037078170763264.0/10

+ sign 176.279+/-0.000 χ^2/NDF : 250363668895157
 All: 178.958+/-0.000 χ^2/NDF : 436350214108
 - sign 181.564+/-0.000 χ^2/NDF : 183717418801237

dit_4aY_coil4_err_mean vs Slug



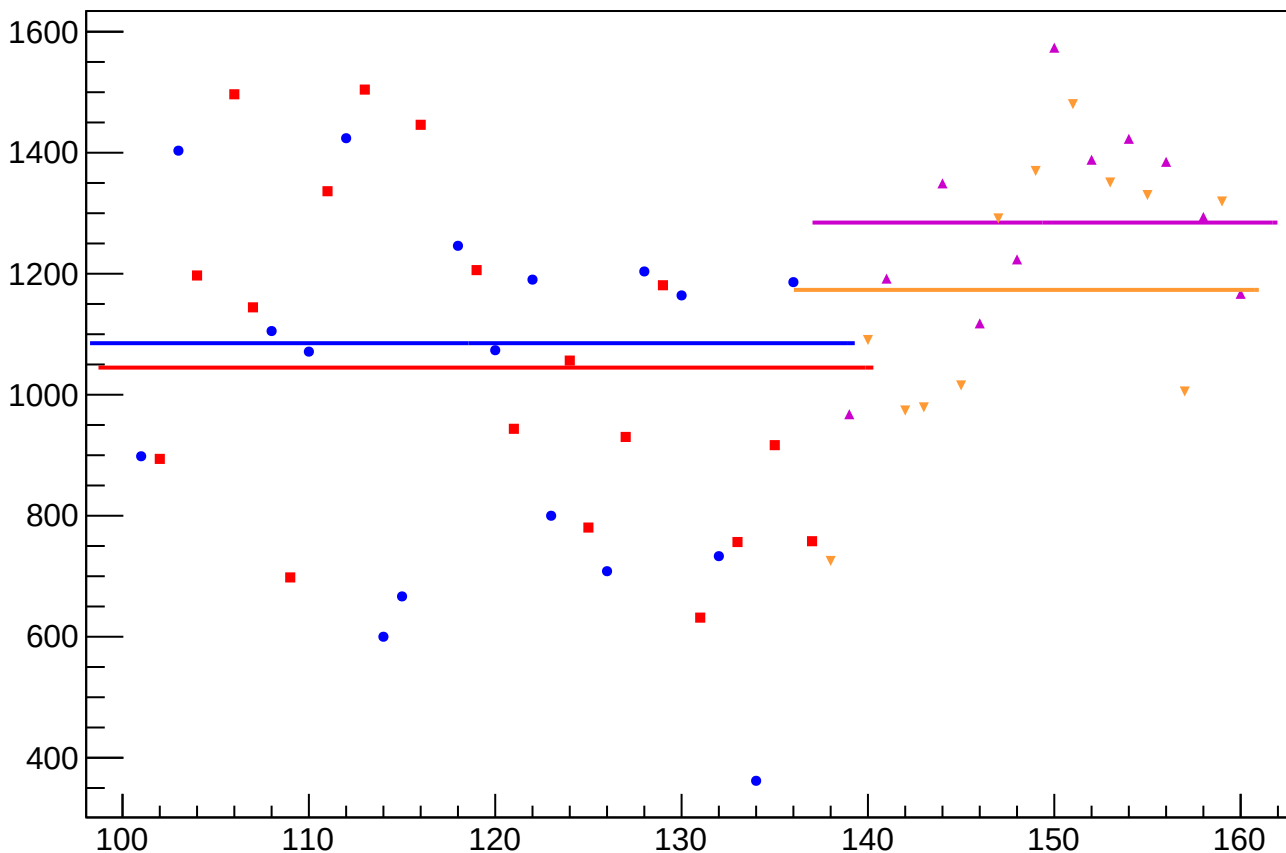
Right In: 1.643 $\pm$ 0.000 χ^2 /NDF: 289253300871261454870716449030144.0/16

Left Out: 1.217 $\pm$ 0.000 χ^2 /NDF: 102394613447491283246123057152000.0/11

Right Out: 1.595 $\pm$ 0.000 χ^2 /NDF: 253487865182855947655895326916608.0/17

Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 49044430342731068780186328629248.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

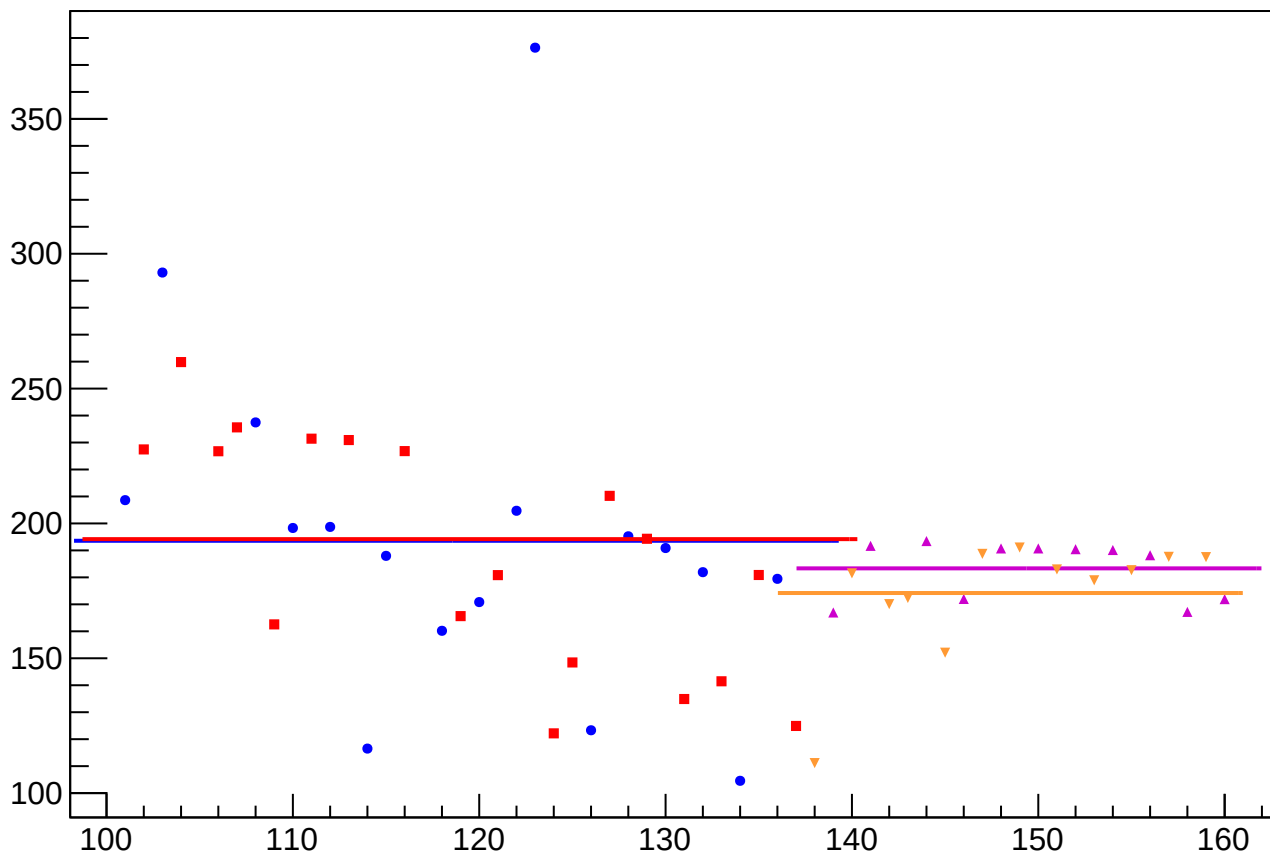
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

dit_4eY_coil4_mean vs Slug



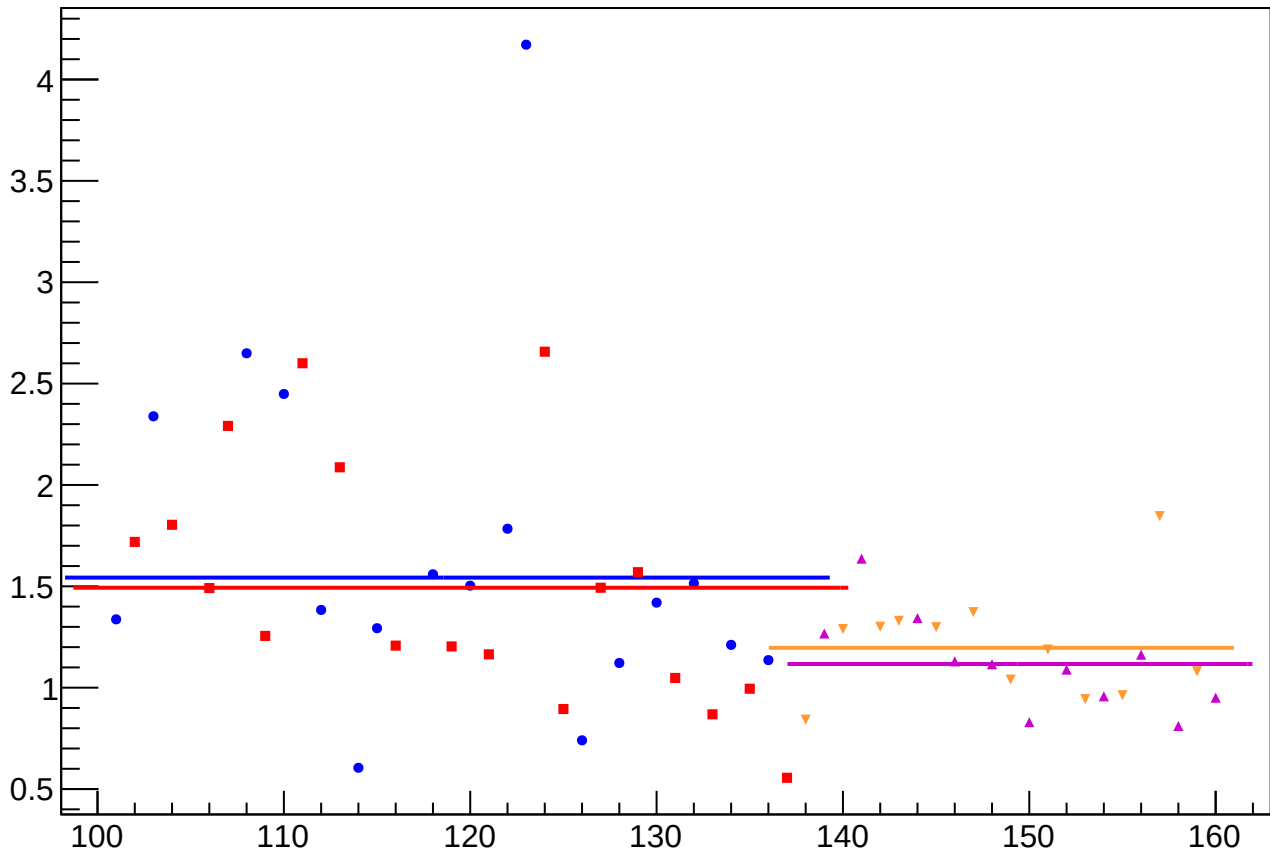
Right In: 193.573 $\pm$ 0.000 χ^2 /NDF: 1351064334288465855493252395600707584.0/16

Left Out: 174.198 $\pm$ 0.000 χ^2 /NDF: 435157803959110752164132199015120896.0/11

Right Out: 194.177 $\pm$ 0.000 χ^2 /NDF: 1137351144016205804609551236362928128.0/17

Left In: 183.338 $\pm$ 0.000 χ^2 /NDF: 99283390921198074748427132624437248.0/10

dit_4eY_coil4_err_mean vs Slug



Right In: 1.543 ± 0.000 χ^2/NDF : 211470615756148398389395258867712.0/16

Left Out: 1.197 ± 0.000 χ^2/NDF : 59586654303702490446710865657856.0/11

Right Out: 1.493 ± 0.000 χ^2/NDF : 198853919603996729553220305682432.0/17

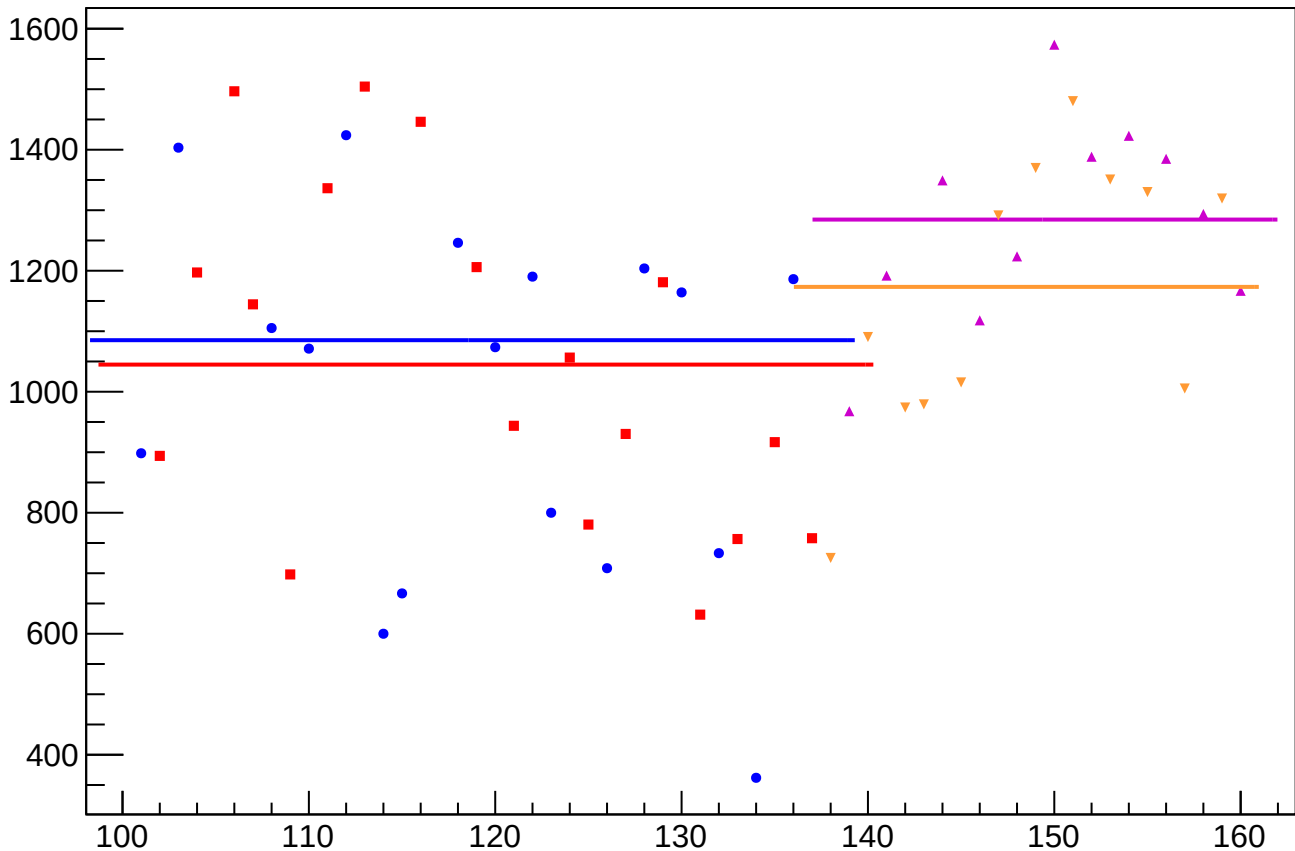
Left In: 1.117 ± 0.000 χ^2/NDF : 49235563214758682247299927638016.0/10

All: 1.313 ± 0.000 χ^2/NDF : 62725316120640

+ sign 1.347 ± 0.000 χ^2/NDF : 31826840935041259

- sign 1.280 ± 0.000 χ^2/NDF : 30537443722409663

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

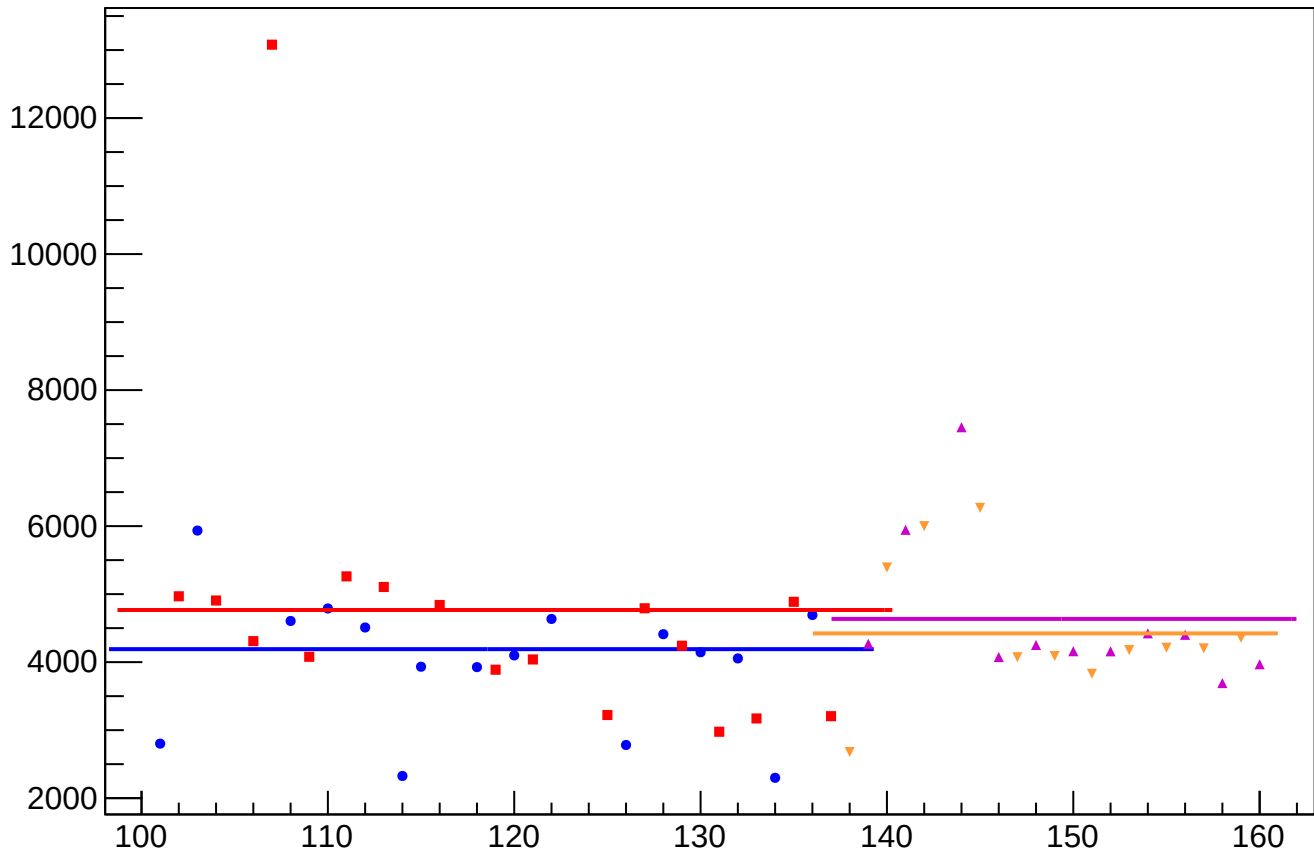
Left Out: 1173.287 $\pm$ 0.000 χ^2 /NDF: 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

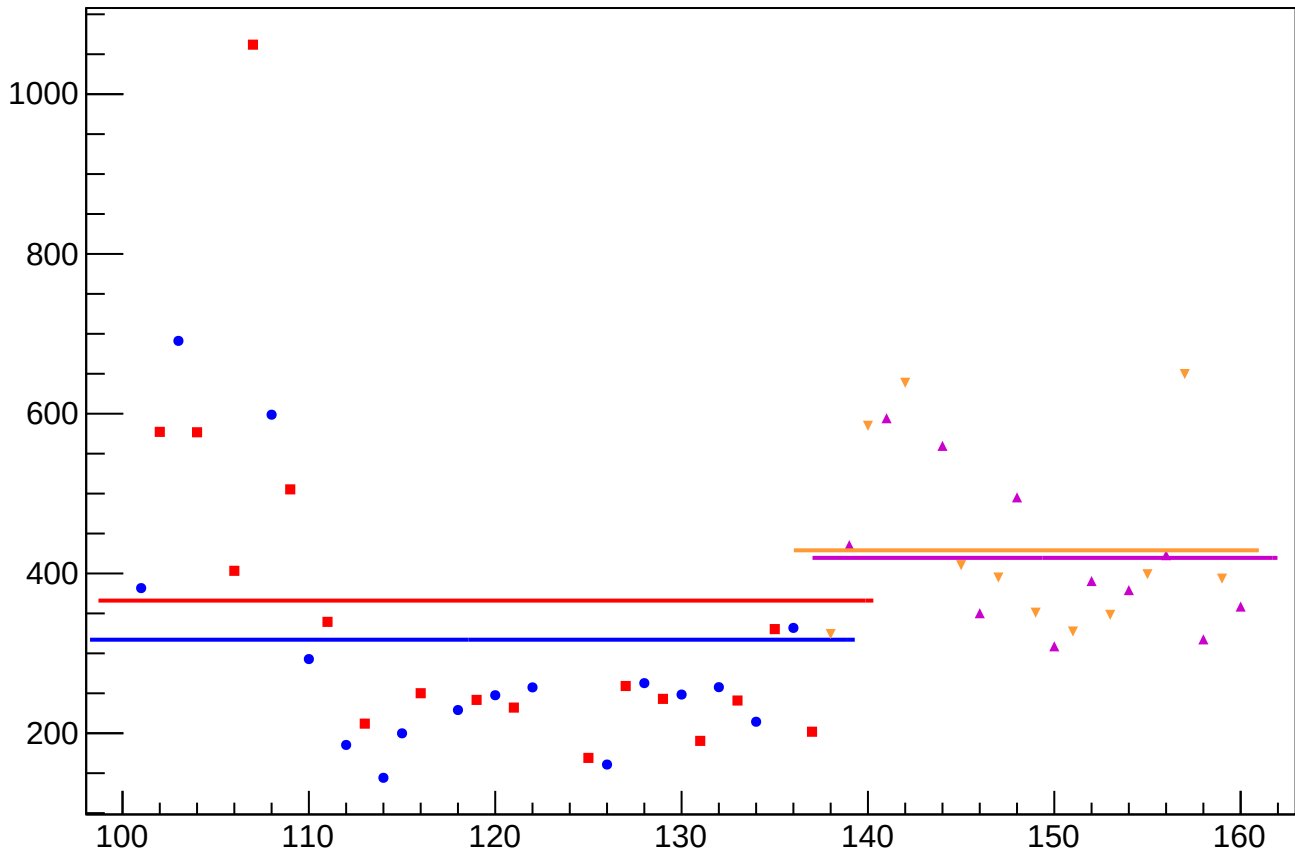
All: 1158.161 $\pm$ 0.000 χ^2 /NDF: 19003097965

dit_usl_coil4_mean vs Slug



Right In: 4190.973+/-0.000	χ^2/NDF : 554038134535494230935556440305969397760.0/15	+ sign 4318.228+/-0.000	χ^2/NDF : 13275652011608
Left Out: 4422.510+/-0.000	χ^2/NDF : 753196682646313209134126931375441313792.0/10	All: 4511.030+/-0.000	χ^2/NDF : 54737473677
Right Out: 4766.714+/-0.000	χ^2/NDF : 2969196242721495635889986773908602224640.0/16	- sign 4691.797+/-0.000	χ^2/NDF : 40358396760217
Left In: 4635.509+/-0.000	χ^2/NDF : 1059752939887595758489348119495845085184.0/10		

dit_usl_coil4_err_mean vs Slug



Right In: 317.084+/-0.000 χ^2/NDF : 15440276359245580191741047920465543168.0/15

Left Out: 428.978+/-0.000 χ^2/NDF : 10626522837529690140021114504579383296.0/10

Right Out: 366.053+/-0.000 χ^2/NDF : 31157973605683459615642144815175434240.0/16

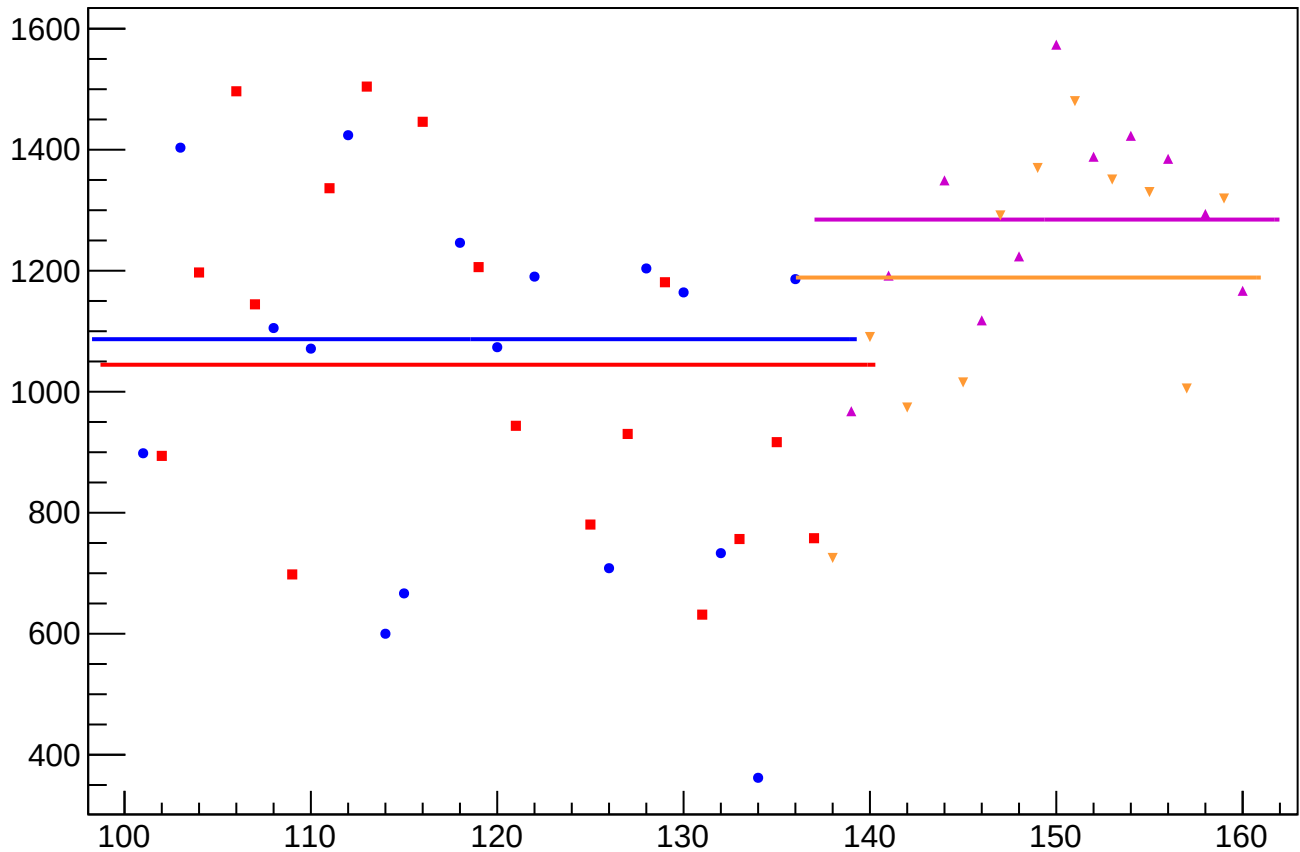
Left In: 419.525+/-0.000 χ^2/NDF : 7733869691626146763225313004956418048.0/10

+ sign 378.582+/-0.000 χ^2/NDF : 308148239260214

All: 387.873+/-0.000 χ^2/NDF : 711073608373

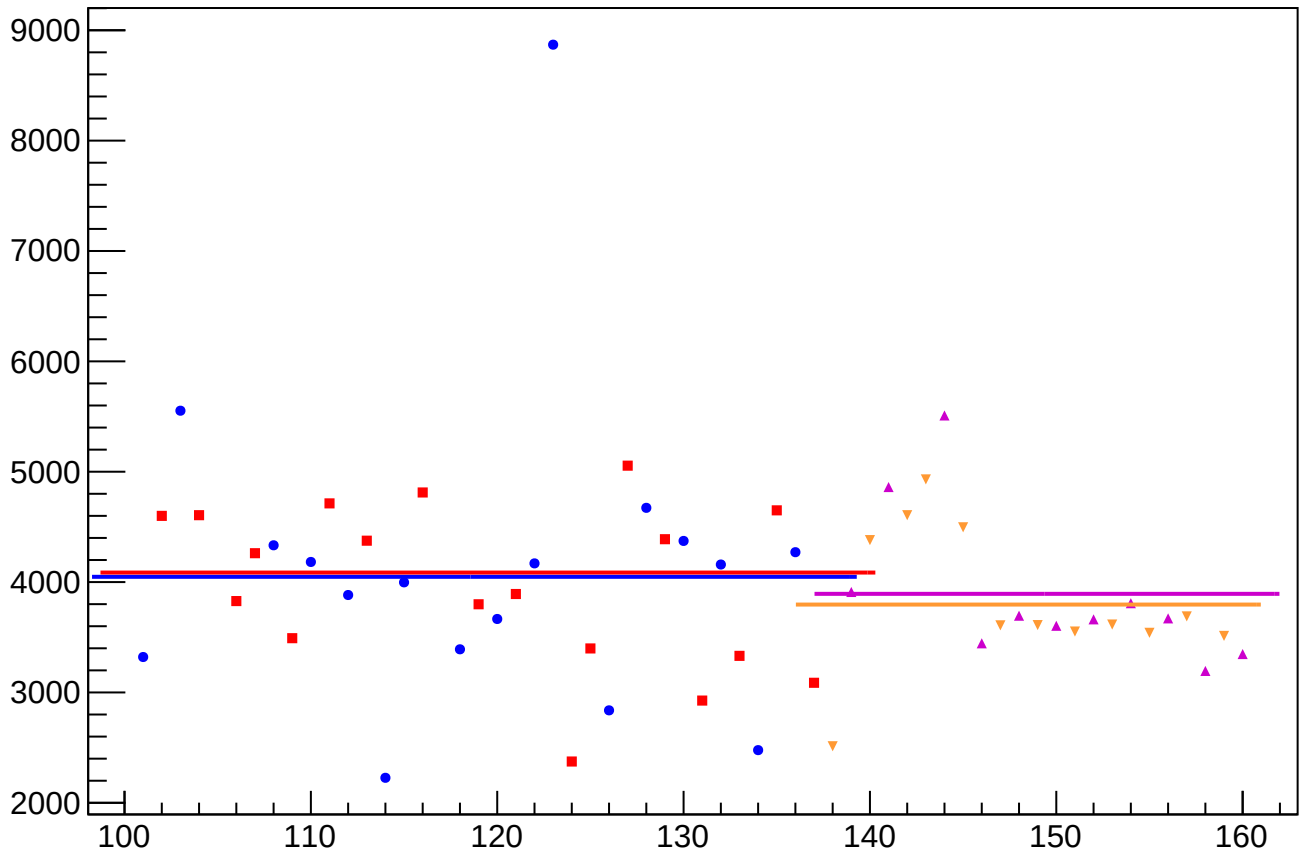
- sign 396.585+/-0.000 χ^2/NDF : 400362792216568

dit_usl_coil4_Ndata_mean vs Slug



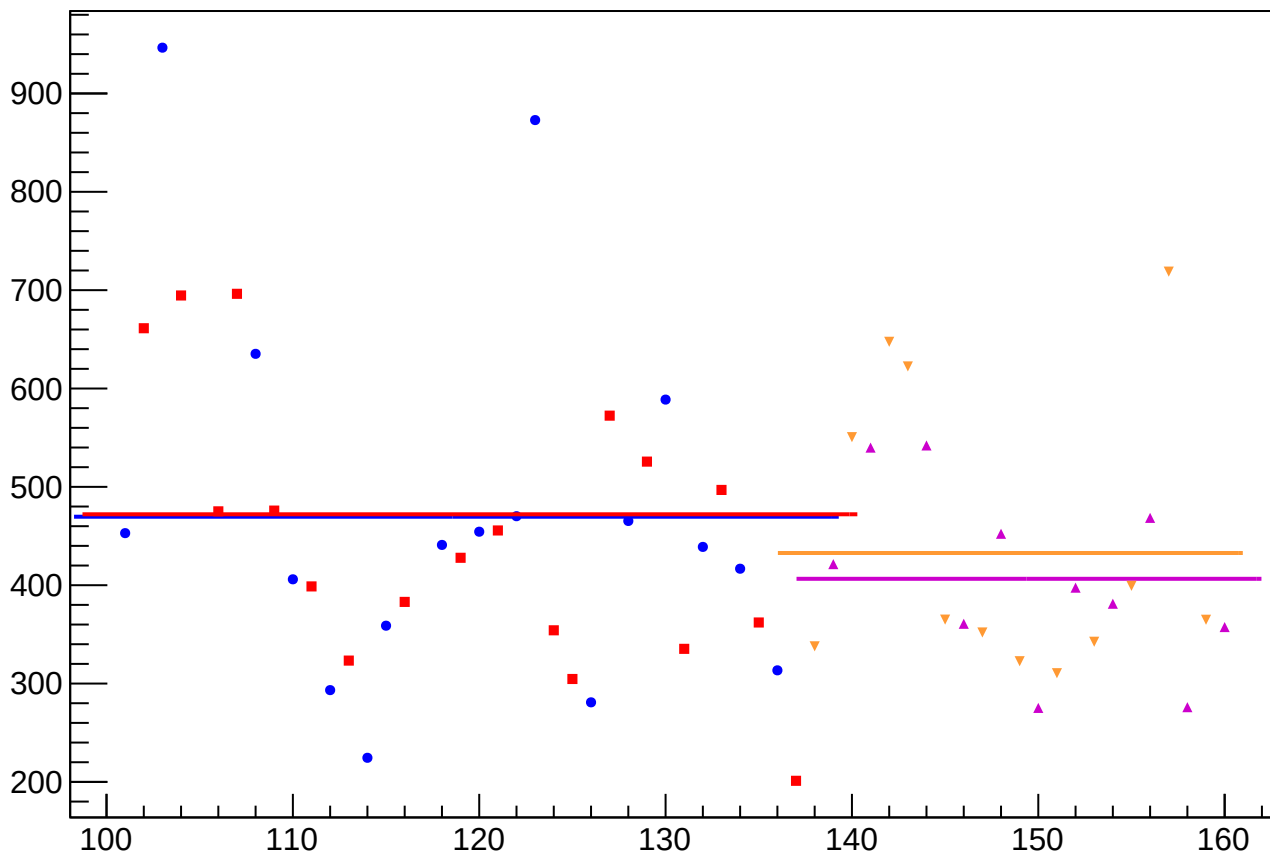
Right In: 1086.839 $\pm$ 0.000 χ^2 /NDF: 44275849492978077110615226297834536960.0/15
 Left Out: 1188.739 $\pm$ 0.000 χ^2 /NDF: 39812899139477527607362290262896279552.0/10
 Right Out: 1044.621 $\pm$ 0.000 χ^2 /NDF: 50844042601115178022623217176499191808.0/16
 Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

dit_usr_coil4_mean vs Slug



Right In: 4047.777+/-0.000 χ^2/NDF : 474277601546286209707812771687018004480.0/16
 Left Out: 3796.236+/-0.000 χ^2/NDF : 336687829589722132467600550527009554432.0/11
 Right Out: 4086.316+/-0.000 χ^2/NDF : 301982700213825275137563978140215148544.0/17
 Left In: 3893.435+/-0.000 χ^2/NDF : 413166584185760487956391730192104554496.0/10

dit_usr_coil4_err_mean vs Slug



Right In: 469.645+/-0.000 χ^2/NDF : 22201042961896219188176863921652629504.0/16

Left Out: 432.752+/-0.000 χ^2/NDF : 16613778156502227039812648208749821952.0/11

Right Out: 472.112+/-0.000 χ^2/NDF : 12398871924669384395849092219212398592.0/17

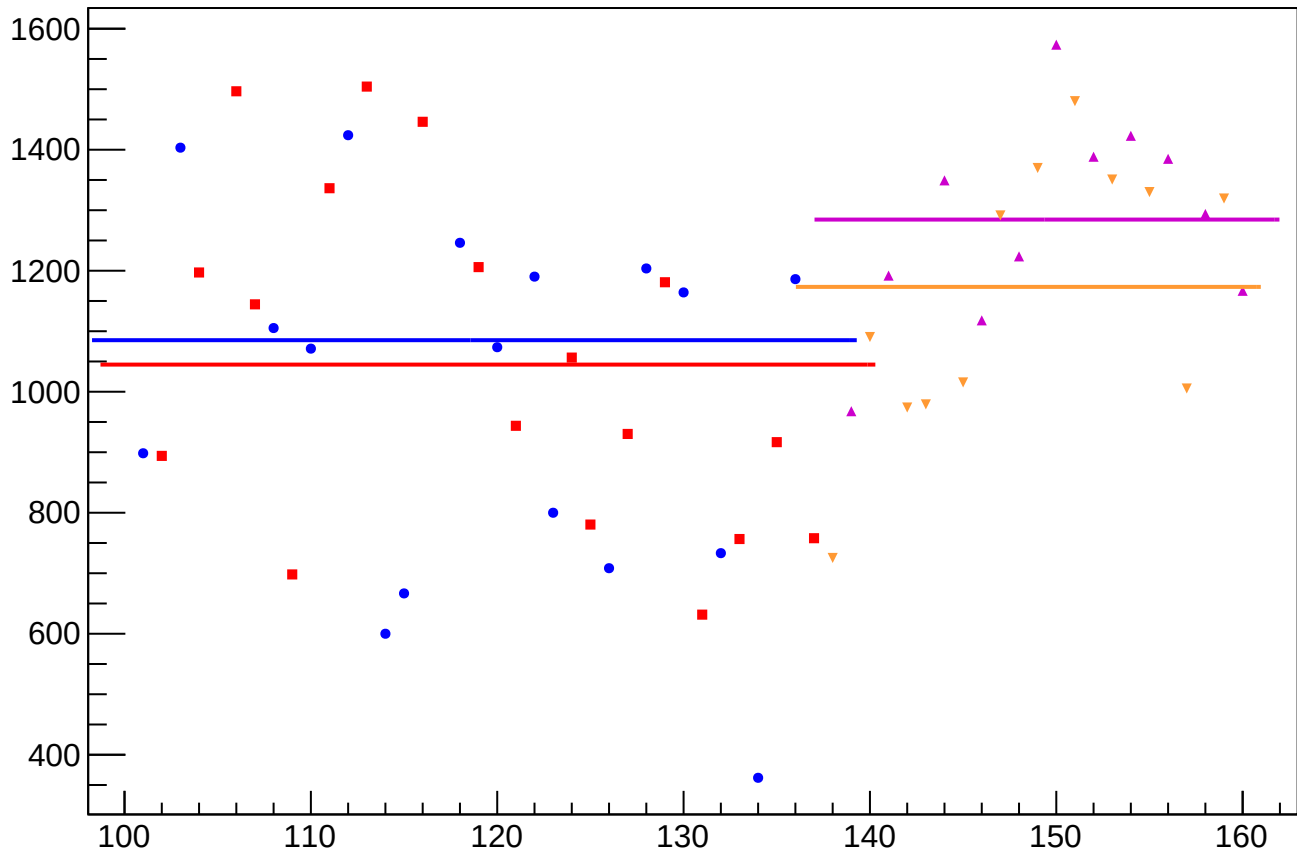
Left In: 406.513+/-0.000 χ^2/NDF : 7035979744021755230989165632233144320.0/10

+ sign 448.725+/-0.000 χ^2/NDF : 393504625482800

All: 441.754+/-0.000 χ^2/NDF : 606808538703

- sign 434.974+/-0.000 χ^2/NDF : 211767373509698

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

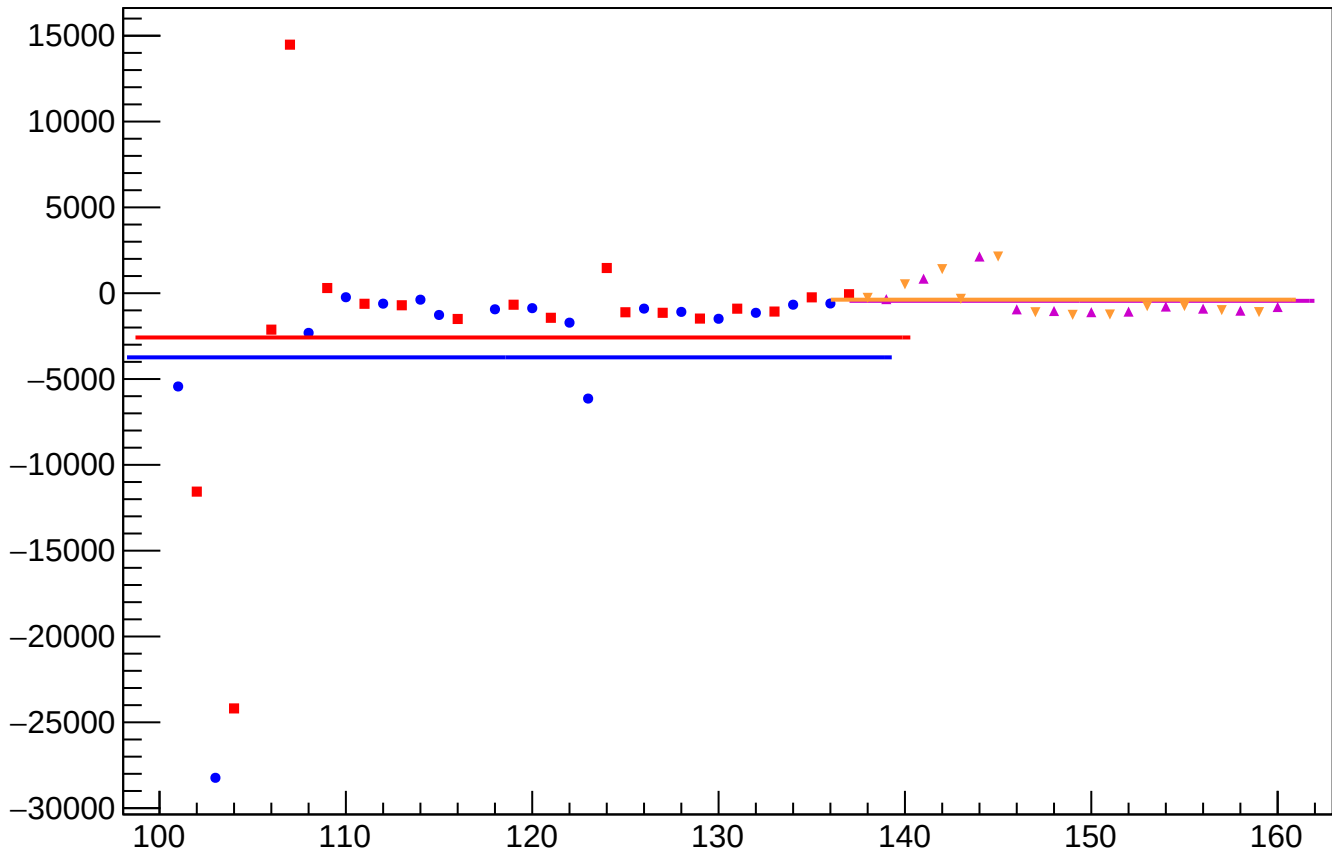
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

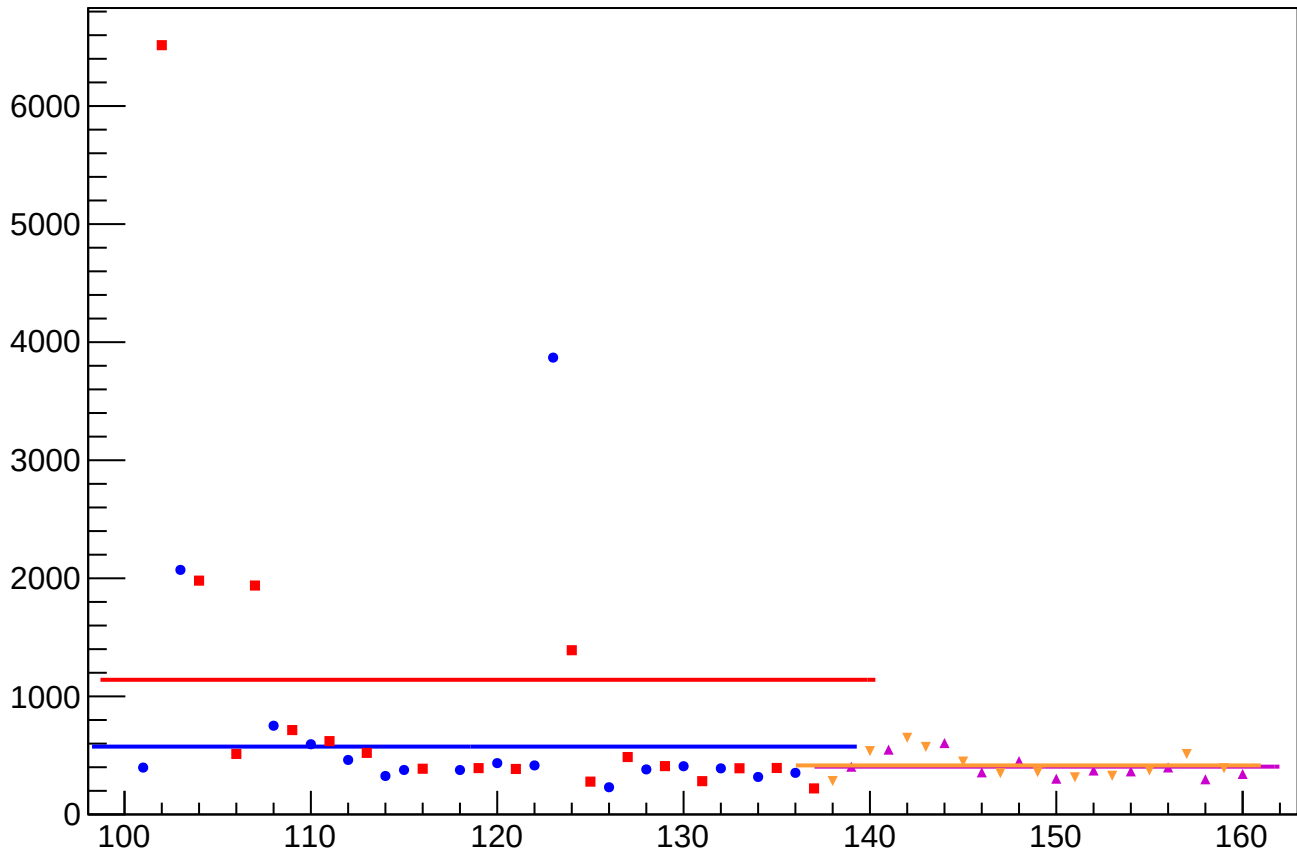
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_atl1_coil4_mean vs Slug



Right In: -3737.261 ± 0.000 χ^2/NDF : 39970682954500817220133496875438988853248.0/16
 Left Out: -377.495 ± 0.000 χ^2/NDF : 962483060737220205564221178088372830208.0/11
 Right Out: -2578.788 ± 0.000 χ^2/NDF : 41033783209718443304558448411646302879744.0/17
 Left In: -444.428 ± 0.000 χ^2/NDF : 923276009049297948790551518127417458688.0/10

dit_atl1_coil4_err_mean vs Slug



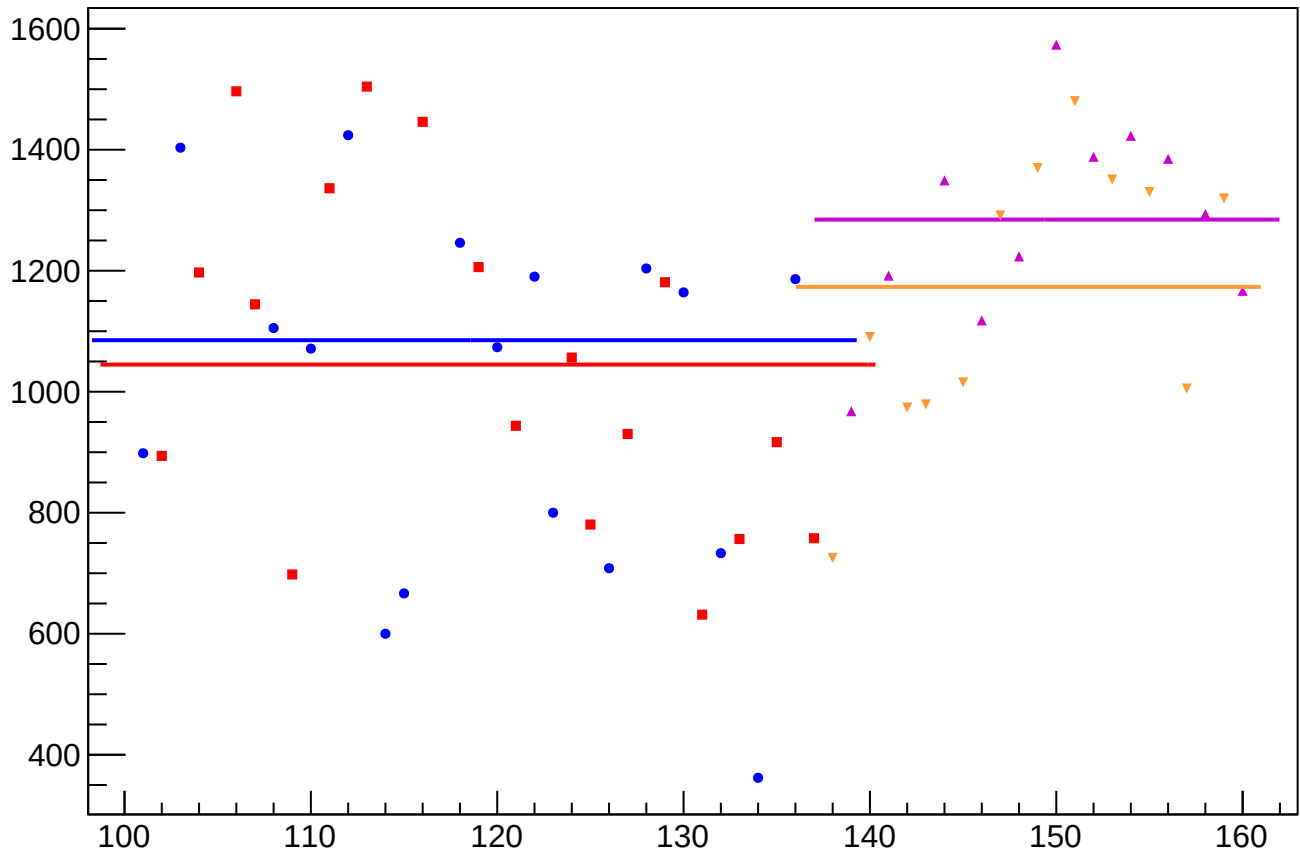
Right In: 574.655+/-0.000 χ^2/NDF : 199698400452439530730016550179978608640.0/16

Left Out: 415.289+/-0.000 χ^2/NDF : 9749177635603258088647624710302990336.0/11

Right Out: 1140.608+/-0.000 χ^2/NDF : 2013558101221942862779211693423515926528.0/17

Left In: 404.849+/-0.000 χ^2/NDF : 8121817838558046042338349225347121152.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

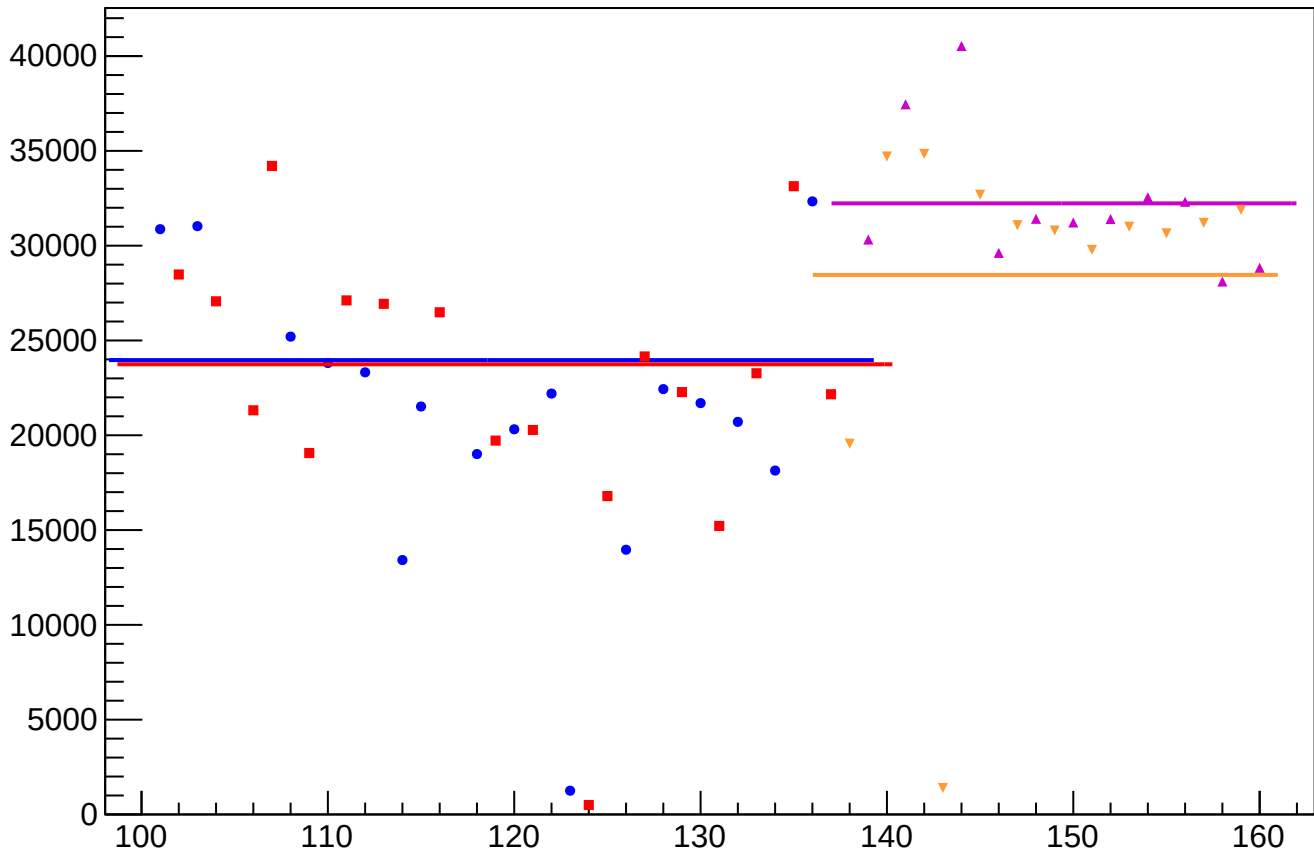
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

+ sign 1135.145+/-0.000 χ^2/NDF : 90197947125462

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

- sign 1180.549+/-0.000 χ^2/NDF : 98157819433615

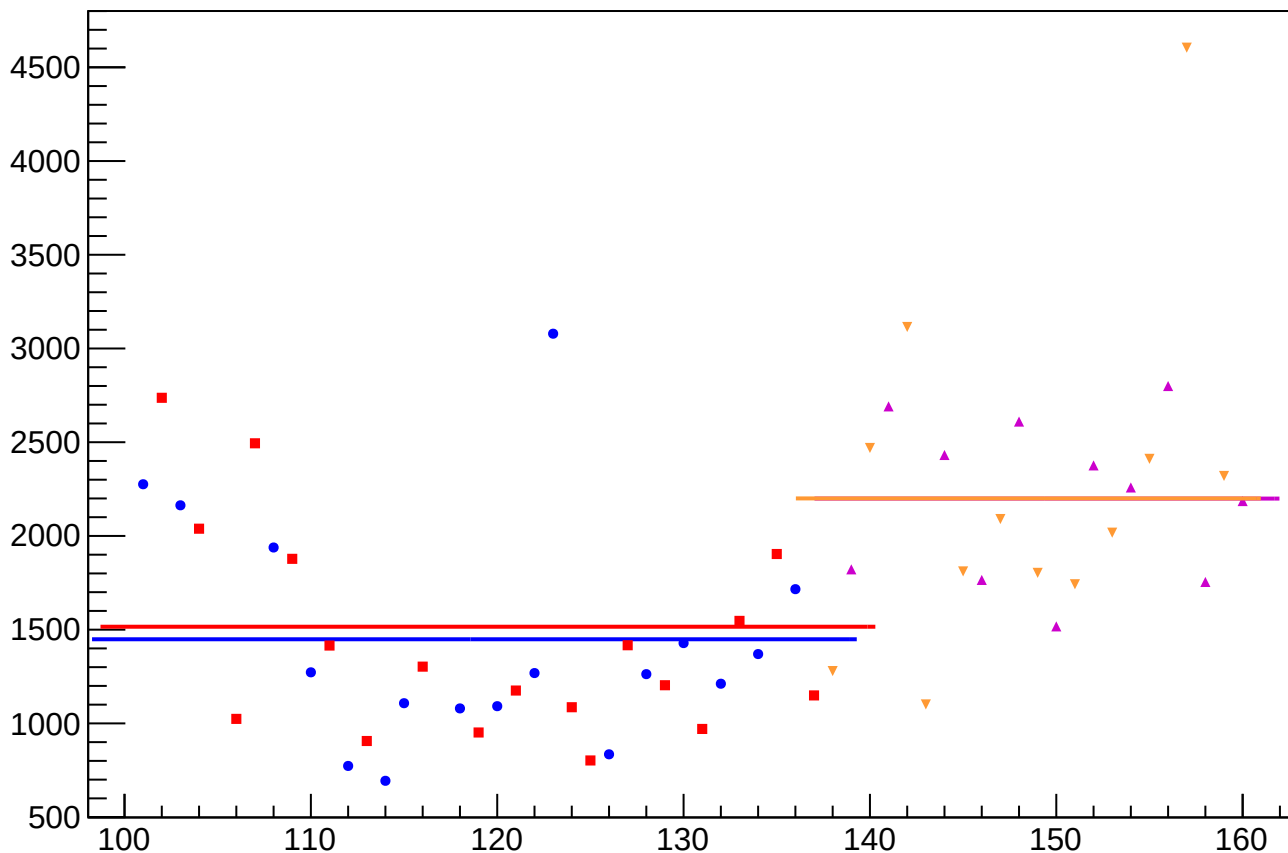
dit_atl2_coil4_mean vs Slug



Right In: 23965.147+/-0.000	χ^2/NDF : 22982900561545593794269983567622080299008.0/16
Left Out: 28458.038+/-0.000	χ^2/NDF : 65276775110198217312307166333227962990592.0/11
Right Out: 23743.519+/-0.000	χ^2/NDF : 25937218131071515690144071247519476088832.0/17
Left In: 32231.777+/-0.000	χ^2/NDF : 11867262349376140232643052148473974489088.0/10

+ sign 26512.893+/-0.000 χ^2/NDF : 9620372030038
 All: 27545.073+/-0.000 χ^2/NDF : 1665425990
 - sign 28549.068+/-0.000 χ^2/NDF : 6696985876437

dit_atl2_coil4_err_mean vs Slug



Right In: 1448.784+/-0.000 χ^2/NDF : 161243667372586677805499102921584803840.0/16

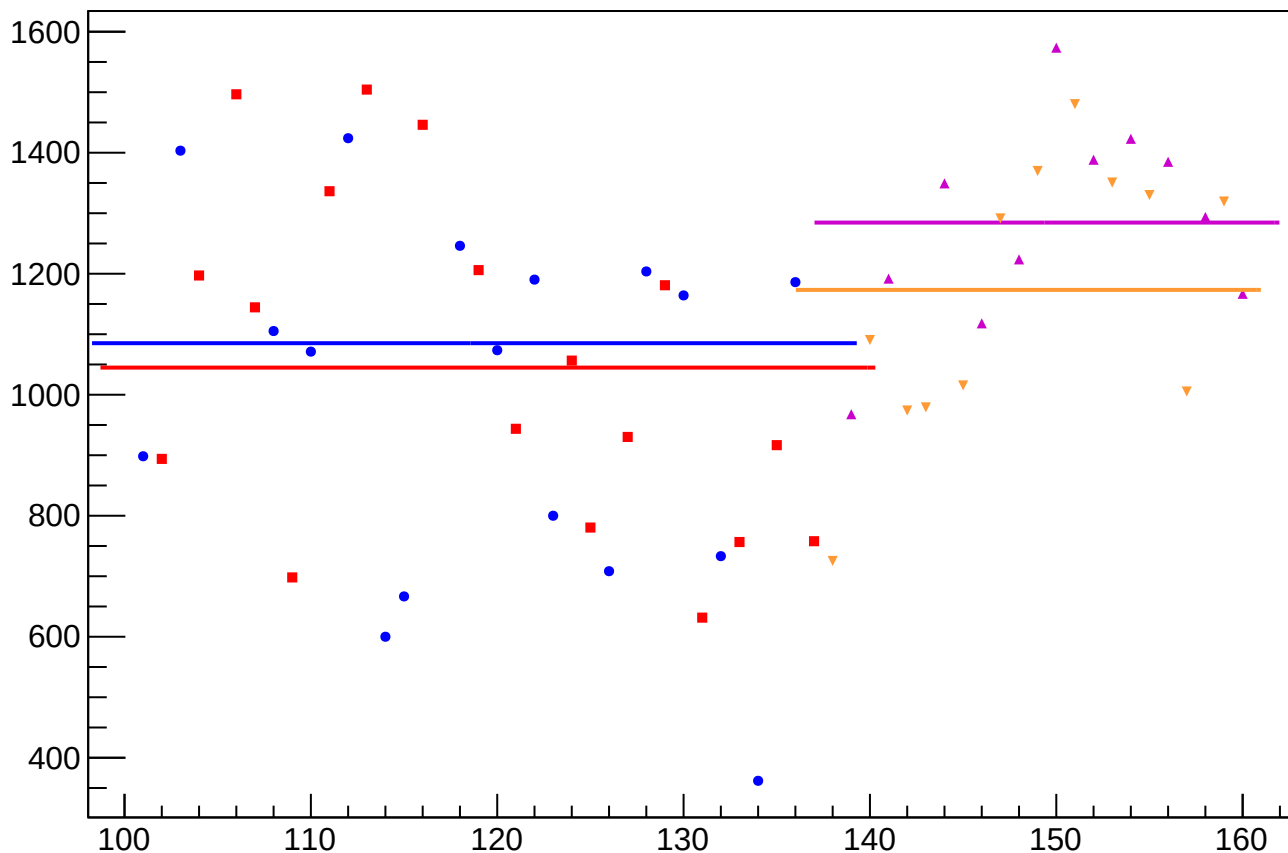
Left Out: 2200.167+/-0.000 χ^2/NDF : 669096191562201912337665879605187182592.0/11

Right Out: 1515.702+/-0.000 χ^2/NDF : 234412516405982646618467253110689497088.0/17

Left In: 2199.283+/-0.000 χ^2/NDF : 156934506780582925441007438753813233664.0/10

+ sign 1874.864+/-0.000 χ^2/NDF : 10525234712210
All: 1888.977+/-0.000 χ^2/NDF : 16336522422
- sign 1902.705+/-0.000 χ^2/NDF : 58049893545710

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

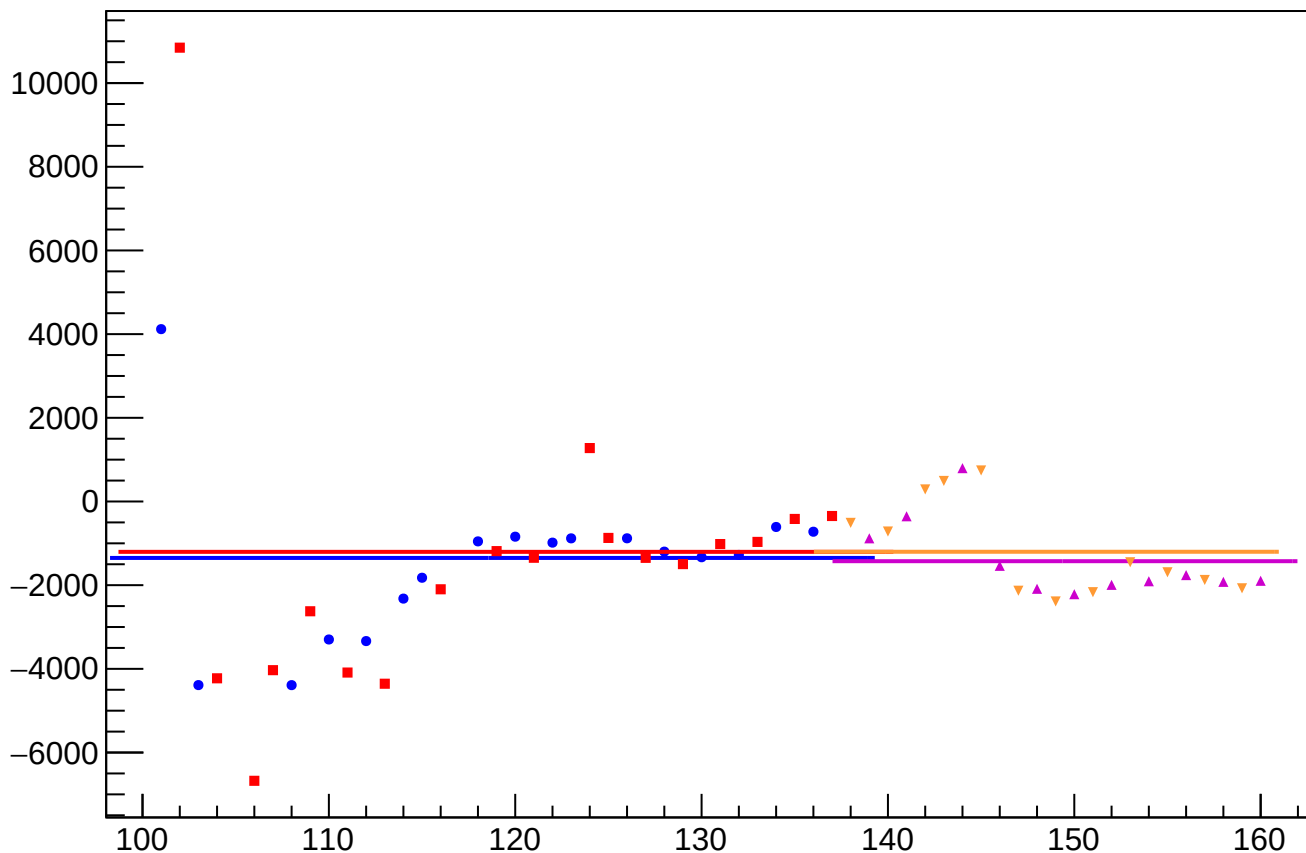
Left Out: 1173.287 $\pm$ 0.000 χ^2 /NDF: 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

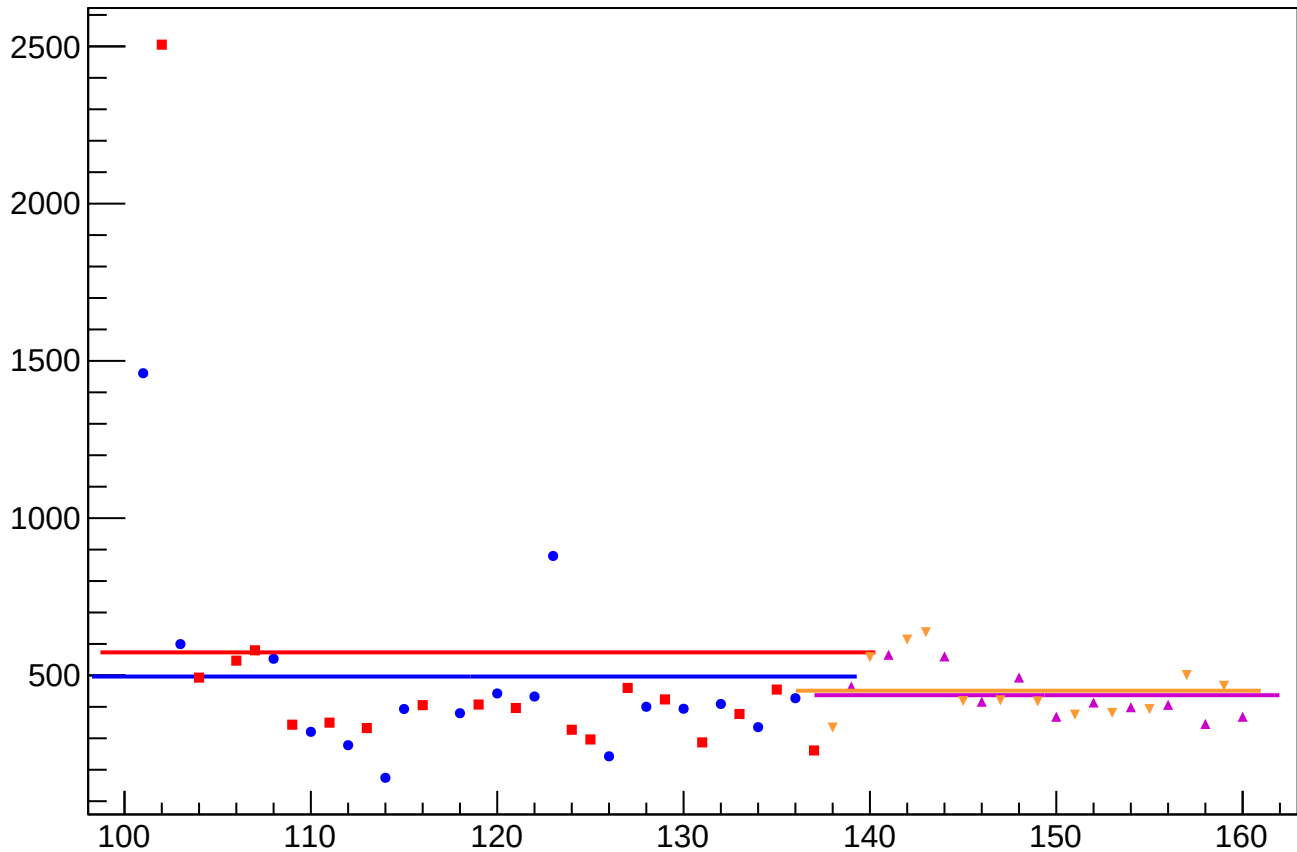
All: 1158.161 $\pm$ 0.000 χ^2 /NDF: 19003097965

dit_atr1_coil4_mean vs Slug



Right In: -1349.176+/-0.000 χ^2/NDF : 3084941184045918680057306663363310256128.0/16
 Left Out: -1201.551+/-0.000 χ^2/NDF : 1022278799851765665232545195889702993920.0/11
 Right Out: -1203.612+/-0.000 χ^2/NDF : 11193438968454164485978999260490441424896.0/17
 Left In: -1427.044+/-0.000 χ^2/NDF : 751413830478220555131206140402736300032.0/10

dit_atr1_coil4_err_mean vs Slug



Right In: 496.351+/-0.000 χ^2/NDF : 66983748455015205041159290240142147584.0/16

+ sign 470.846+/-0.000 χ^2/NDF : 749148131220304

Left Out: 451.374+/-0.000 χ^2/NDF : 7134946740505986037701205636285464576.0/11

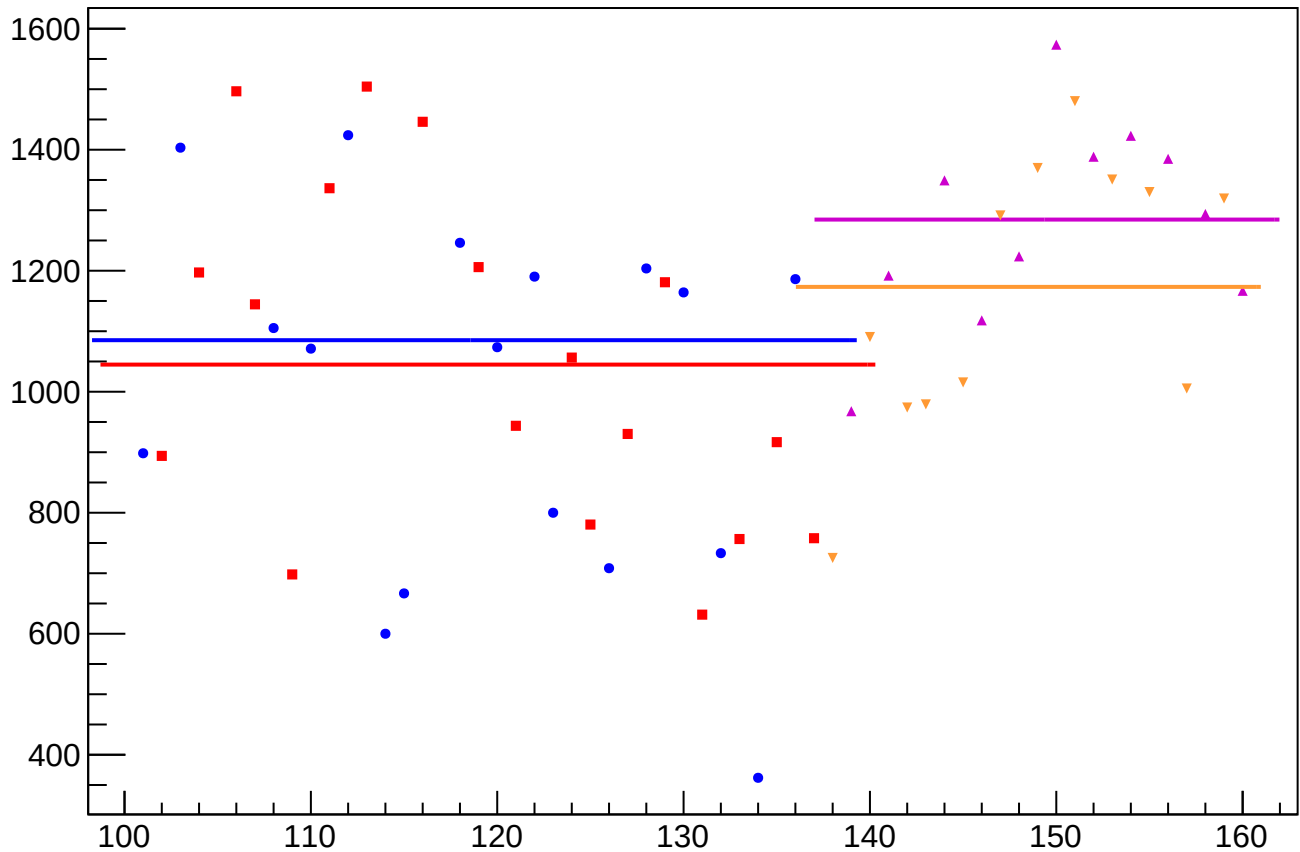
All: 483.650+/-0.000 χ^2/NDF : 327871415583

Right Out: 573.168+/-0.000 χ^2/NDF : 240073229917698868720276393416726675456.0/17

- sign 496.105+/-0.000 χ^2/NDF : 252438177393223

Left In: 437.047+/-0.000 χ^2/NDF : 4864659833143539285467190686845501440.0/10

dit_atr1_coil4_Ndata_mean vs Slug



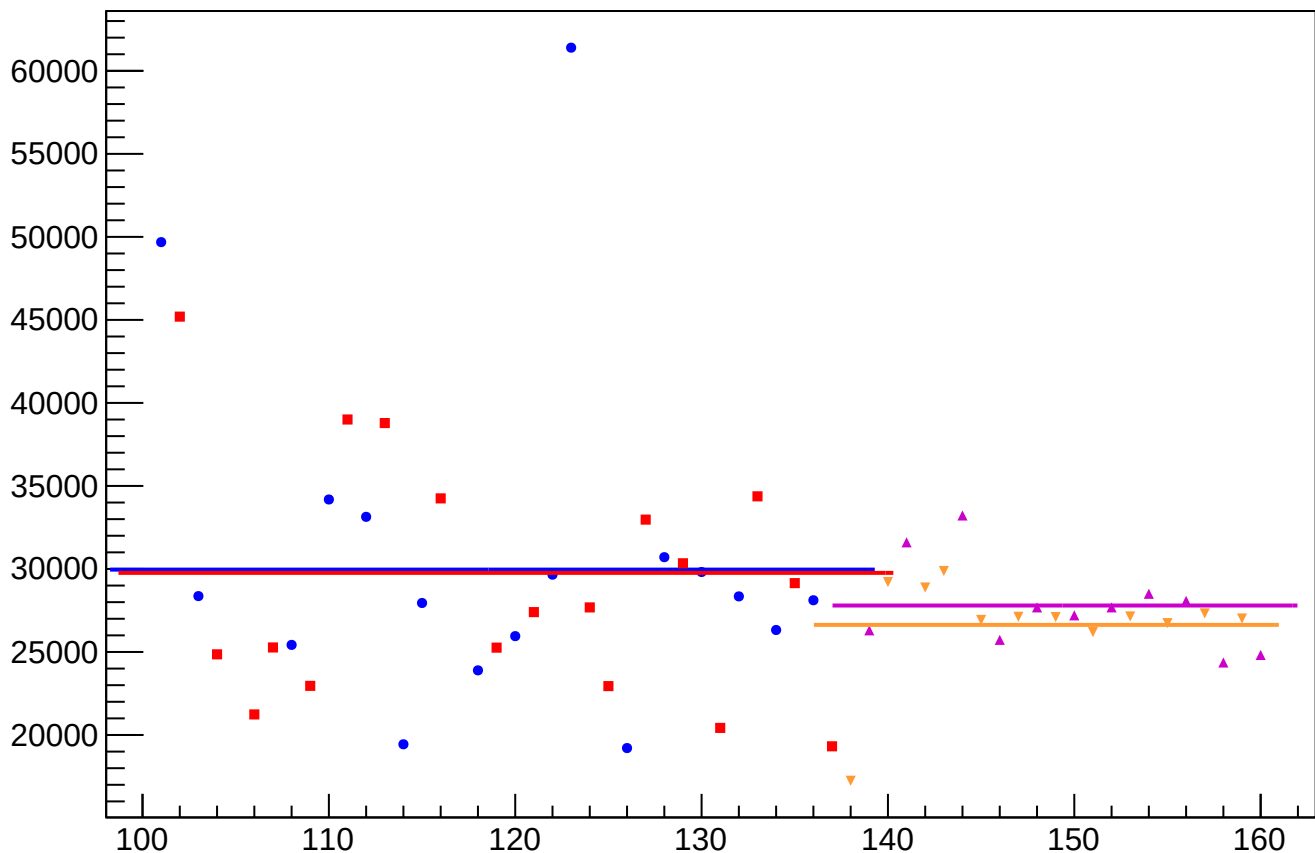
Right In: 1085.186 ± 0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287 ± 0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 ± 0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540 ± 0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

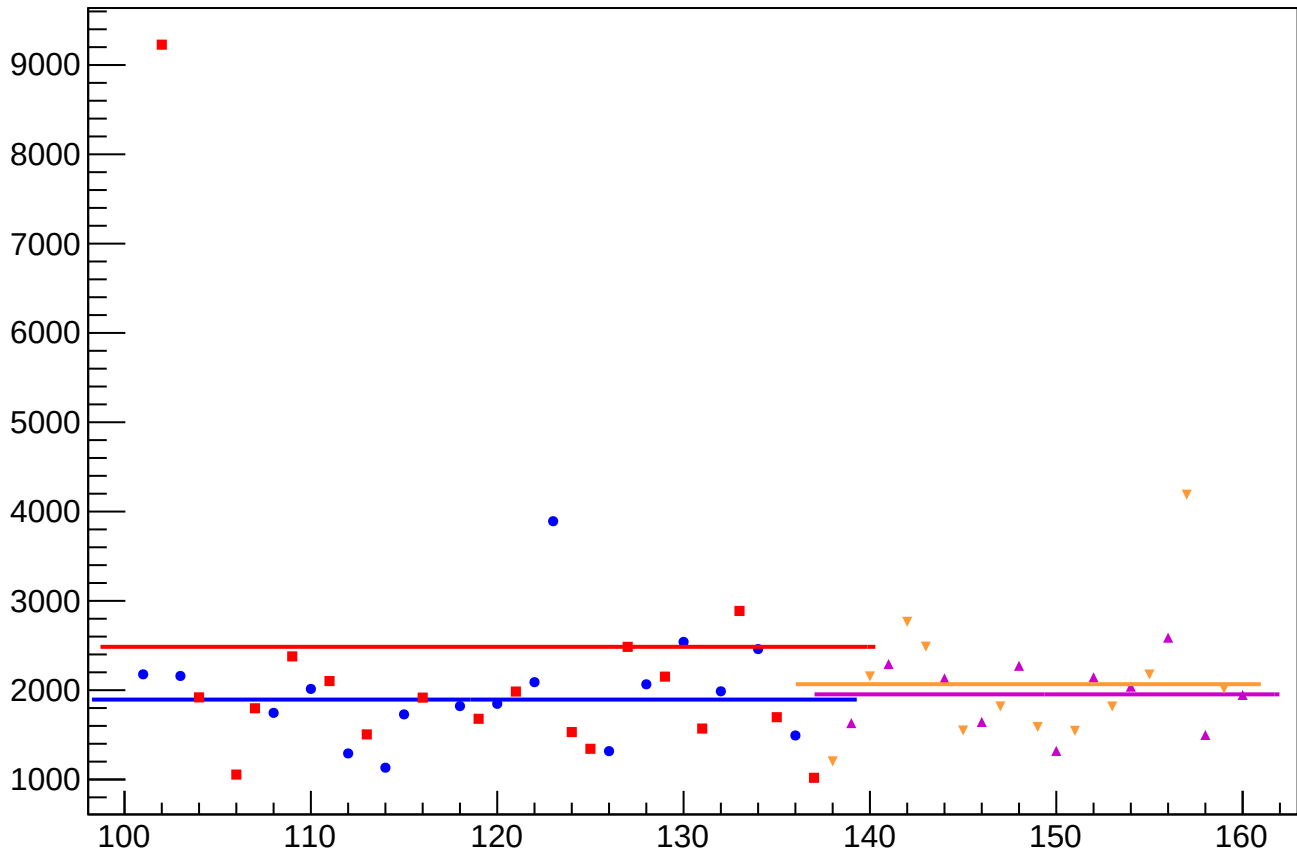
dit_atr2_coil4_mean vs Slug



Right In: 29960.563+/-0.000	χ^2/NDF : 38272709086570322906485359352807285587968.0/16
Left Out: 26632.417+/-0.000	χ^2/NDF : 8490243568880868958289706883488159891456.0/11
Right Out: 29764.245+/-0.000	χ^2/NDF : 38095124017741211444799459233695721848832.0/17
Left In: 27798.105+/-0.000	χ^2/NDF : 6158980585091942758745963697527175774208.0/10

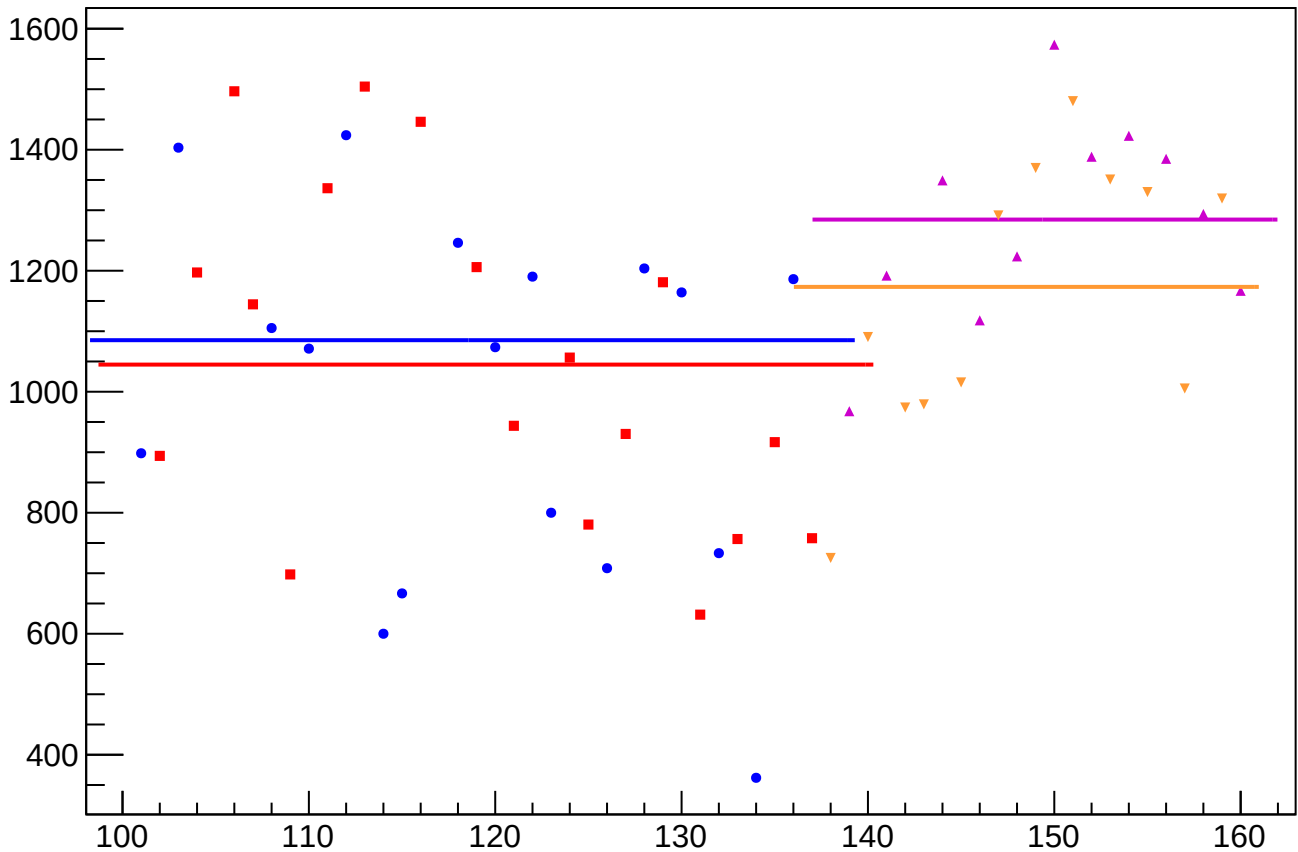
+ sign 28073.299+/-0.000 χ^2/NDF : 5112203081983
 All: 28366.215+/-0.000 χ^2/NDF : 9721225730
 - sign 28651.133+/-0.000 χ^2/NDF : 4581890749536

dit_atr2_coil4_err_mean vs Slug



Right In: 1894.762+/-0.000	χ^2/NDF : 112136505207273757562412234872415322112.0/16
Left Out: 2067.096+/-0.000	χ^2/NDF : 498951714500530031712915611537190682624.0/11
Right Out: 2485.438+/-0.000	χ^2/NDF : 3007798896738182941908815432963258843136.0/17
Left In: 1953.340+/-0.000	χ^2/NDF : 126893636747608035073836069635988914176.0/10
All: 2089.668+/-0.000 χ^2/NDF : 39019408328 + sign 1992.486+/-0.000 χ^2/NDF : 62277603306323 - sign 2184.196+/-0.000 χ^2/NDF : 32492999090509	

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

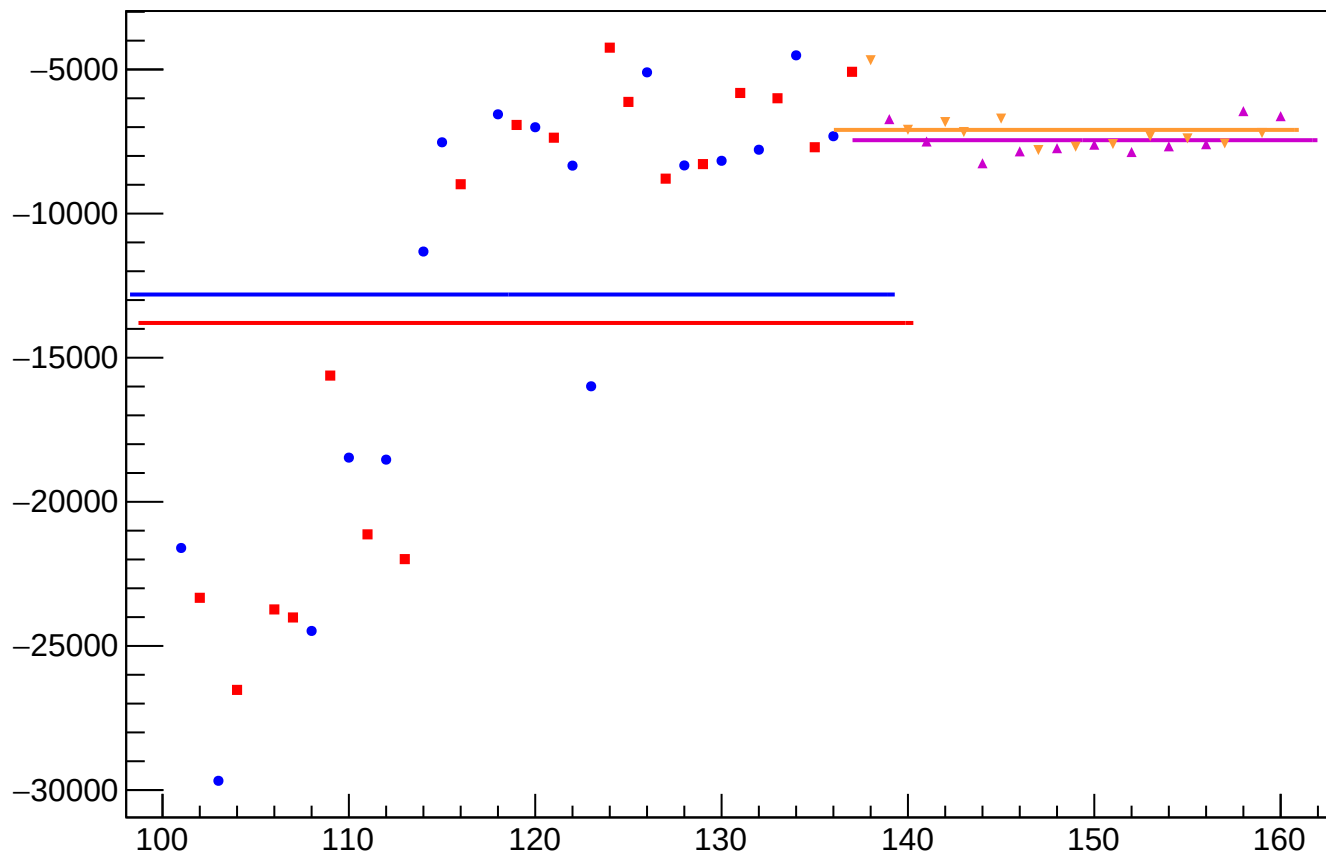
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam1_coil4_mean vs Slug



Right In: -12807.543+/-0.000 χ^2/NDF : 43495419642384540327712467114015835815936.0/16

Left Out: -7096.329+/-0.000 χ^2/NDF : 584722053171334285321257985594368196608.0/11

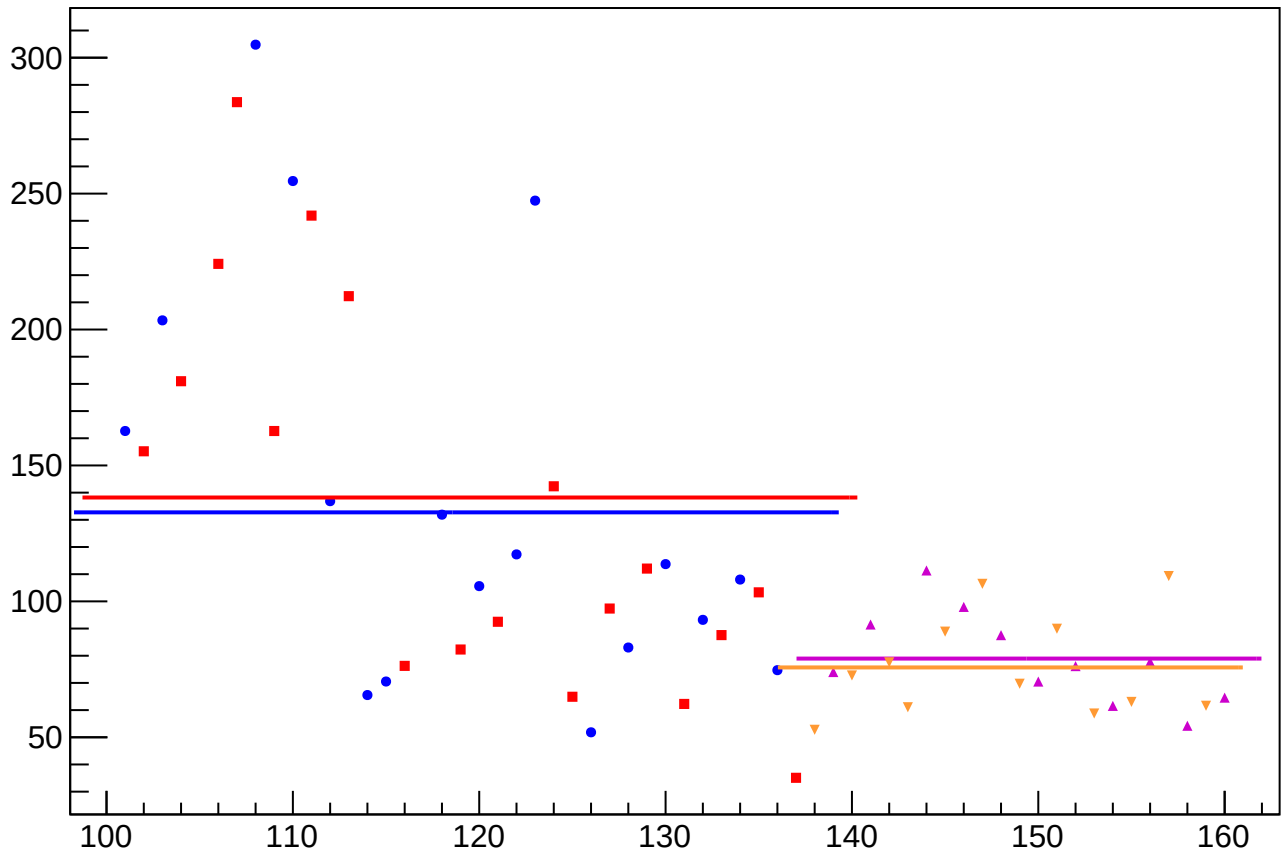
Right Out: -13794.471+/-0.000 χ^2/NDF : 44540762371856662603320518030739625738240.0/17

Left In: -7453.581+/-0.000 χ^2/NDF : 281861545149716894658296806870620307456.0/10

All: -9891.183+/-0.000 χ^2/NDF : 1183430201

- sign -10204.635+/-0.000 χ^2/NDF : 6109799348613

dit_sam1_coil4_err_mean vs Slug



Right In: 132.743+/-0.000 χ^2/NDF : 2974792347641490027349453247875121152.0/16

+ sign 100.393+/-0.000 χ^2/NDF : 455465484880578

Left Out: 75.694+/-0.000 χ^2/NDF : 299041397812904543240527879931428864.0/11

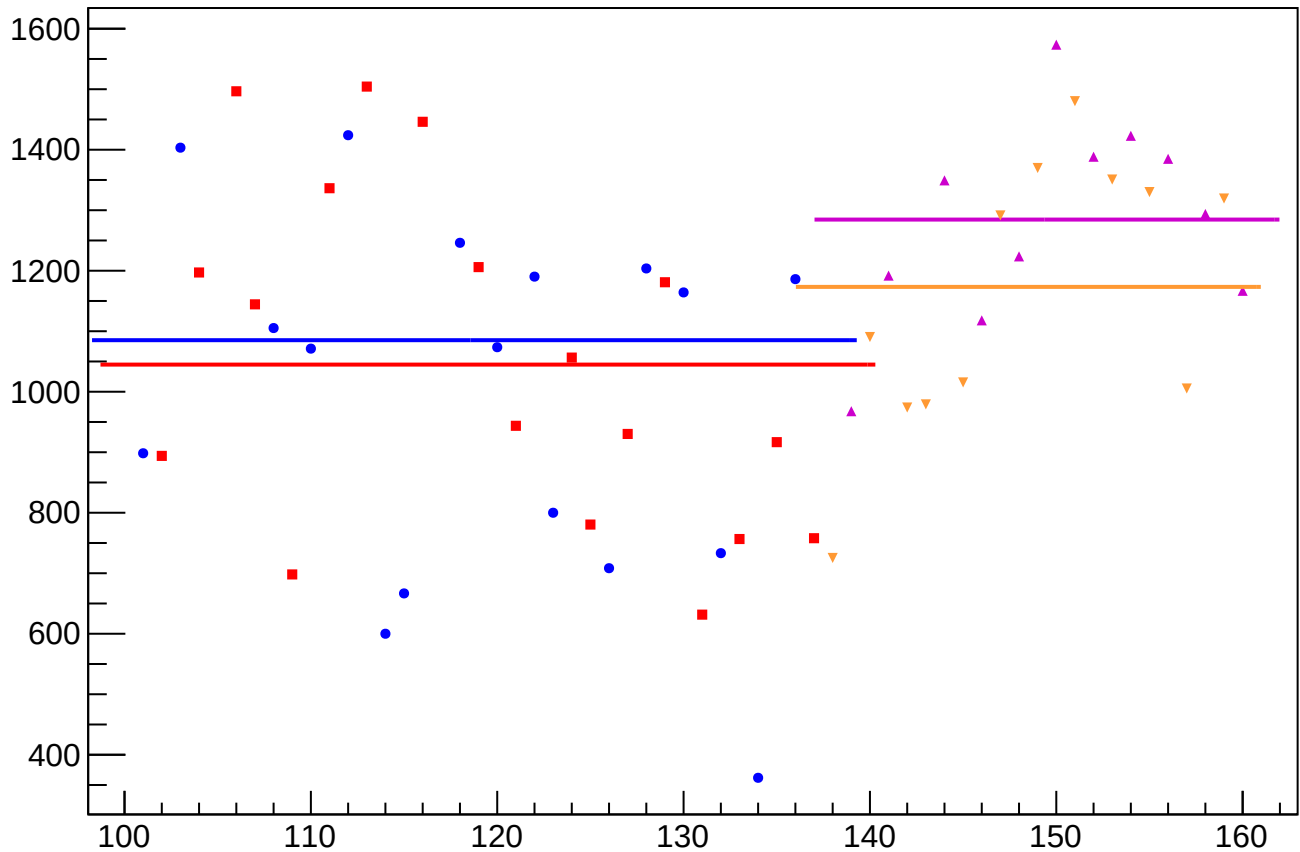
All: 102.556+/-0.000 χ^2/NDF : 931010048540

Right Out: 138.207+/-0.000 χ^2/NDF : 3073549318432471040798146297277186048.0/17

- sign 104.661+/-0.000 χ^2/NDF : 474063897841299

Left In: 78.954+/-0.000 χ^2/NDF : 245917130698538374305589687150968832.0/10

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

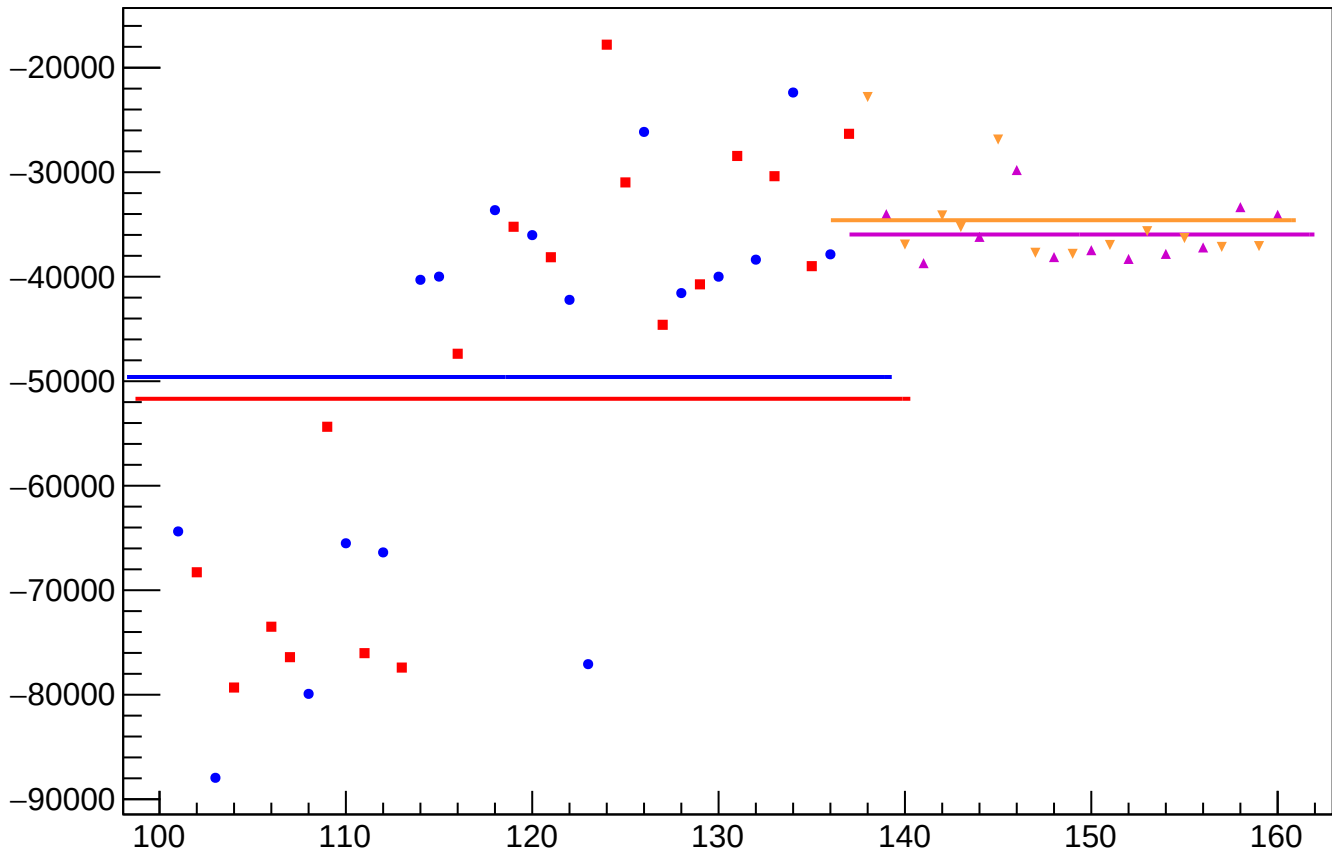
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam2_coil4_mean vs Slug



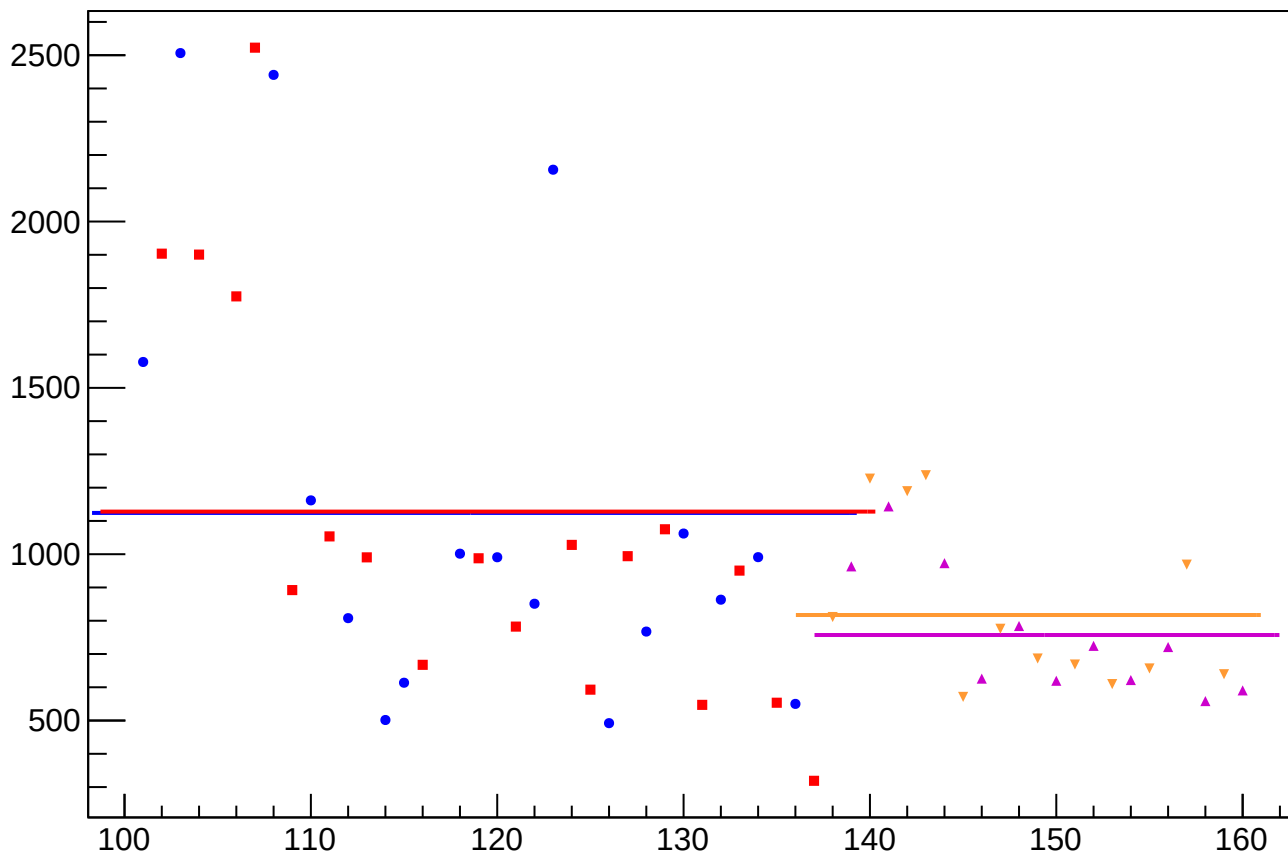
Right In: -49596.405+/-0.000	χ^2/NDF : 248313182325102448289525934605791330828288.0/16
Left Out: -34593.901+/-0.000	χ^2/NDF : 19332238764834112124747040225536159776768.0/11
Right Out: -51680.980+/-0.000	χ^2/NDF : 268094403741805330481600683125097153691648.0/17
Left In: -35959.420+/-0.000	χ^2/NDF : 6460763561716039047552359643495482261504.0/10

+ sign -41089.059+/-0.000 χ^2/NDF : 356221688672

All: -41946.417+/-0.000 χ^2/NDF : 733152366

- sign -42780.364+/-0.000 χ^2/NDF : 3746062422135

dit_sam2_coil4_err_mean vs Slug



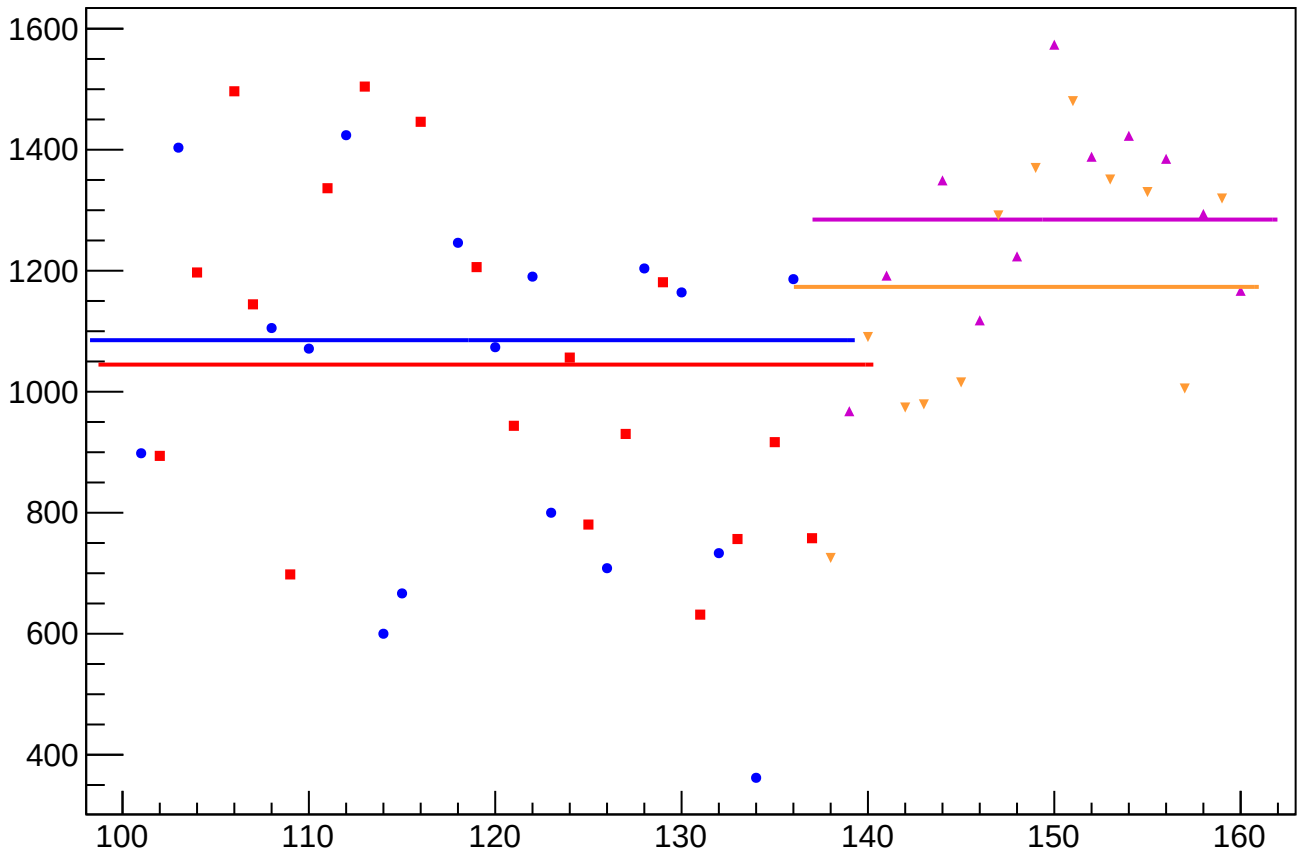
Right In: 1124.063+/-0.000 χ^2/NDF : 267842110554403806997651522470490931200.0/16

Left Out: 817.239+/-0.000 χ^2/NDF : 49942482269119198529888239758950268928.0/11

Right Out: 1128.051+/-0.000 χ^2/NDF : 216680110329654752465971394746324615168.0/17

Left In: 757.110+/-0.000 χ^2/NDF : 30838574623639063731513645765836668928.0/10

dit_sam2_coil4_Ndata_mean vs Slug



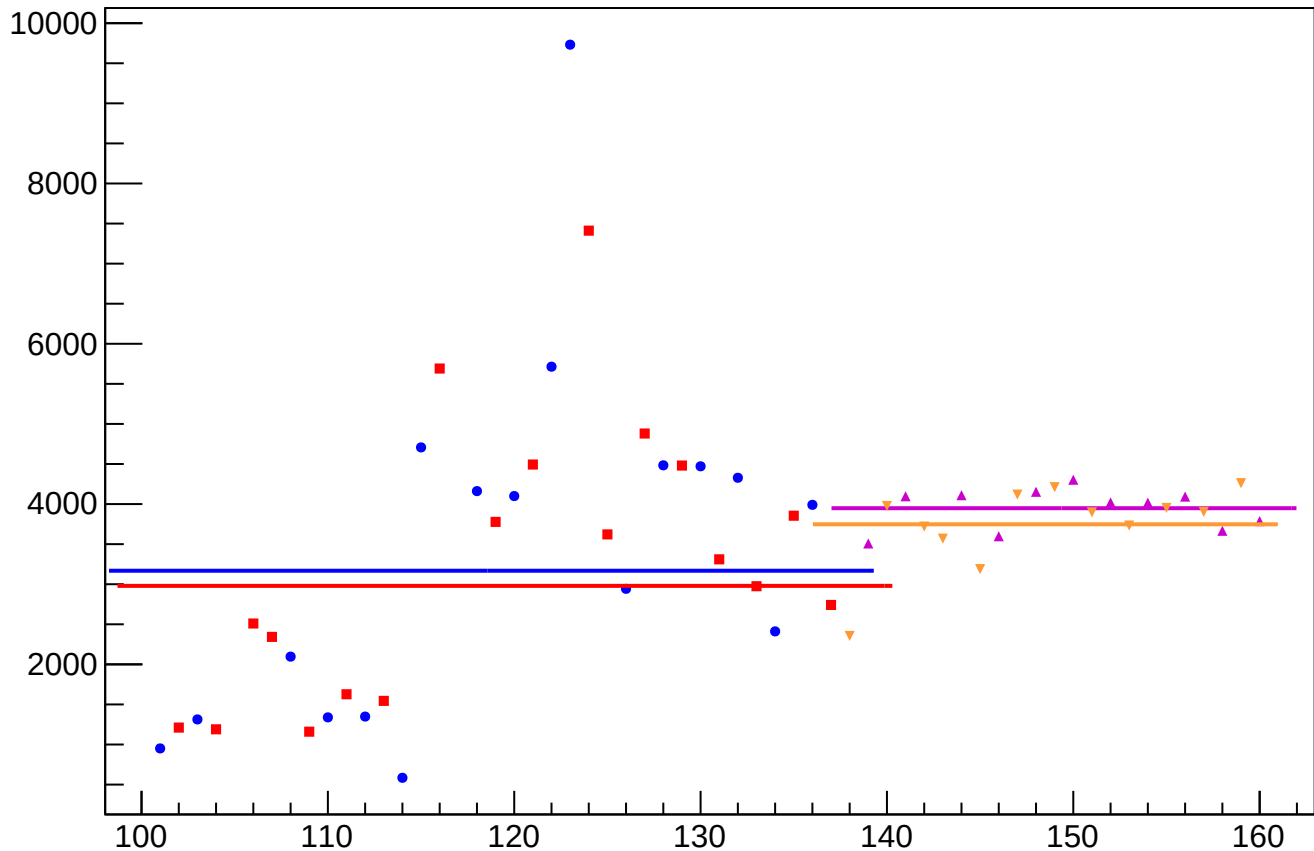
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

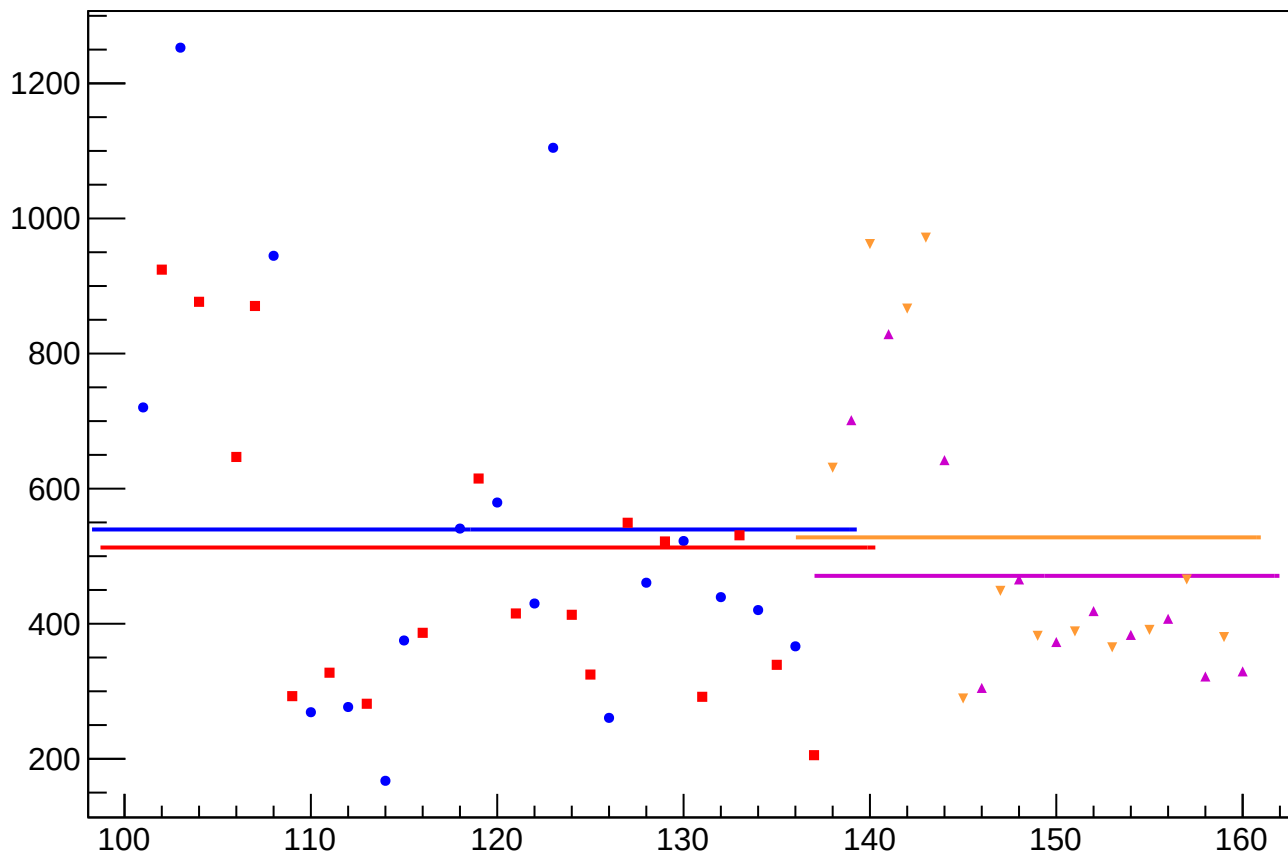
Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

dit_sam3_coil4_mean vs Slug



Right In: 3168.399+/-0.000	χ^2/NDF : 1758554525431486031573031760874625302528.0/16
Left Out: 3747.596+/-0.000	χ^2/NDF : 238995509272824091169755194048479494144.0/11
Right Out: 2979.505+/-0.000	χ^2/NDF : 1604891244832822830292138533265256480768.0/17
Left In: 3948.419+/-0.000	χ^2/NDF : 56222692399509421042001989393274896384.0/10
+ sign 3496.839+/-0.000 χ^2/NDF : 21295710486492 All: 3512.659+/-0.000 χ^2/NDF : 4171491789 - sign 3528.047+/-0.000 χ^2/NDF : 20411293703127	

dit_sam3_coil4_err_mean vs Slug



Right In: 539.553+/-0.000 χ^2/NDF : 54885482787684067638945528690813960192.0/16

Left Out: 527.872+/-0.000 χ^2/NDF : 48750144611720202302366636740746149888.0/11

Right Out: 512.868+/-0.000 χ^2/NDF : 36013592539821220444279901122721742848.0/17

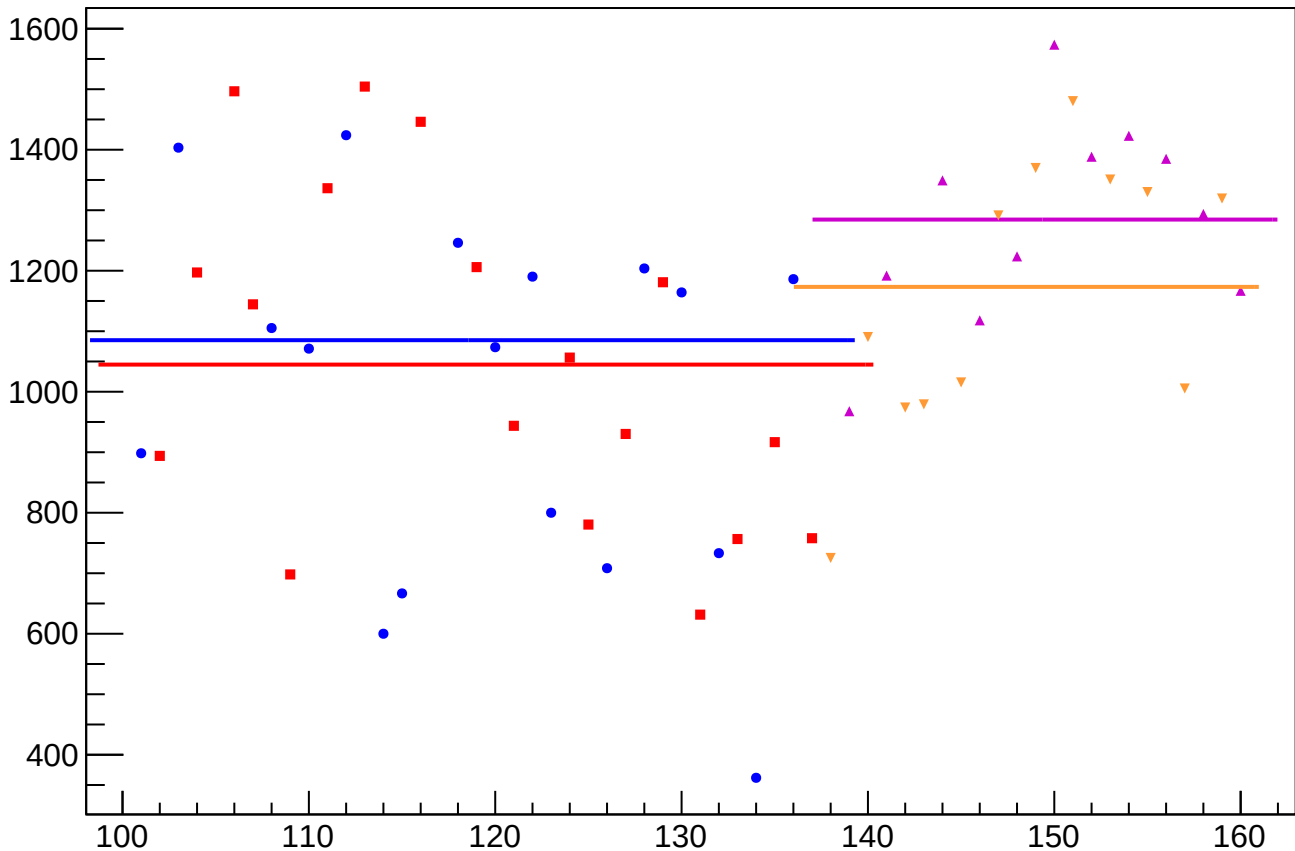
Left In: 470.909+/-0.000 χ^2/NDF : 25659671763739065949342929962819125248.0/10

All: 510.718+/-0.000 χ^2/NDF : 167635305229

+ sign 532.929+/-0.000 χ^2/NDF : 103689323551083

- sign 489.113+/-0.000 χ^2/NDF : 623859313505835

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1085.186 $\pm$ 0.000 χ^2 /NDF: 44603059371113642027482174752630505472.0/16

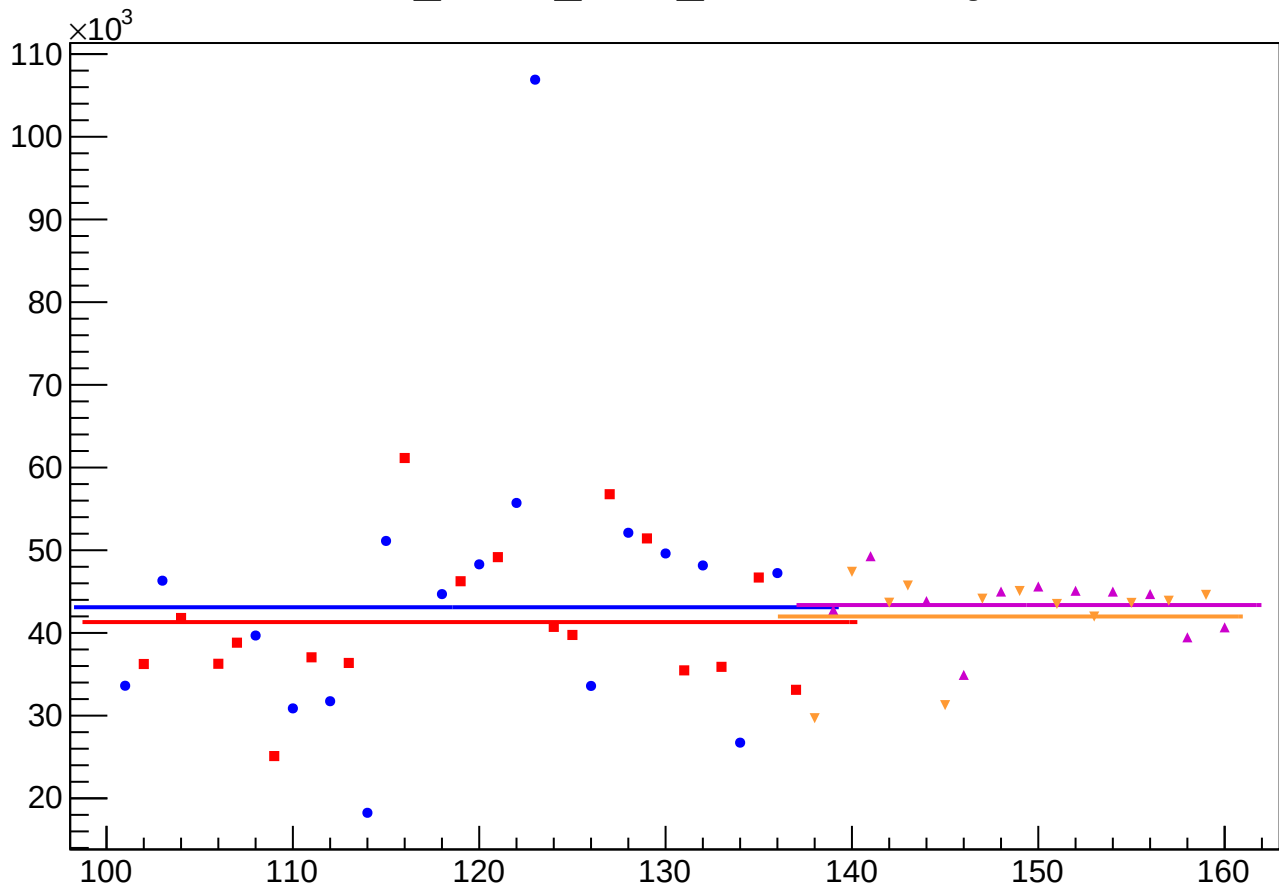
Left Out: 1173.287 $\pm$ 0.000 χ^2 /NDF: 42540290412411971649148526900629471232.0/11

Right Out: 1044.852 $\pm$ 0.000 χ^2 /NDF: 50845956393664427375382832394046275584.0/17

Left In: 1284.540 $\pm$ 0.000 χ^2 /NDF: 24056417049221053484728394918859374592.0/10

All: 1158.161 $\pm$ 0.000 χ^2 /NDF: 19003097965

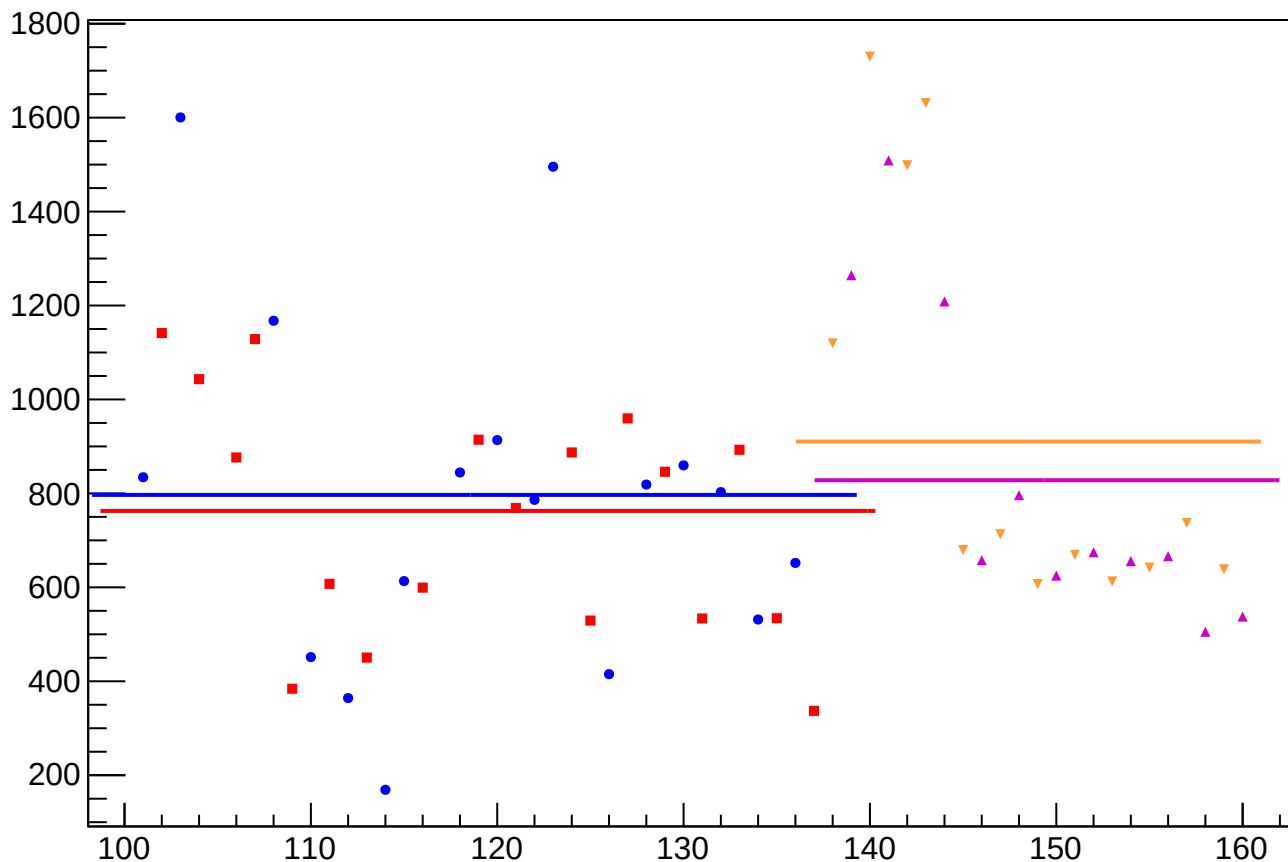
dit_sam4_coil4_mean vs Slug



Right In: 43108.031+/-0.000	χ^2/NDF : 68611682581967867390827070514847106990080.0/16
Left Out: 41988.937+/-0.000	χ^2/NDF : 26595625315184876661727332300070884212736.0/11
Right Out: 41313.091+/-0.000	χ^2/NDF : 51625009130500845485657820618169448923136.0/17
Left In: 43372.857+/-0.000	χ^2/NDF : 12091187656502960448848492579917477707776.0/10

+ sign 42473.436+/-0.000 χ^2/NDF : 9570016655114
 All: 42476.362+/-0.000 χ^2/NDF : 161133769
 - sign 42479.209+/-0.000 χ^2/NDF : 6543357577807

dit_sam4_coil4_err_mean vs Slug



Right In: 796.788 $\pm$ 0.000 χ^2 /NDF: 74155375401966789010322999397605965824.0/16

Left Out: 910.363 $\pm$ 0.000 χ^2 /NDF: 150023970715127091011215524166165856256.0/11

Right Out: 762.642 $\pm$ 0.000 χ^2 /NDF: 44999366783777016136570300173215858688.0/17

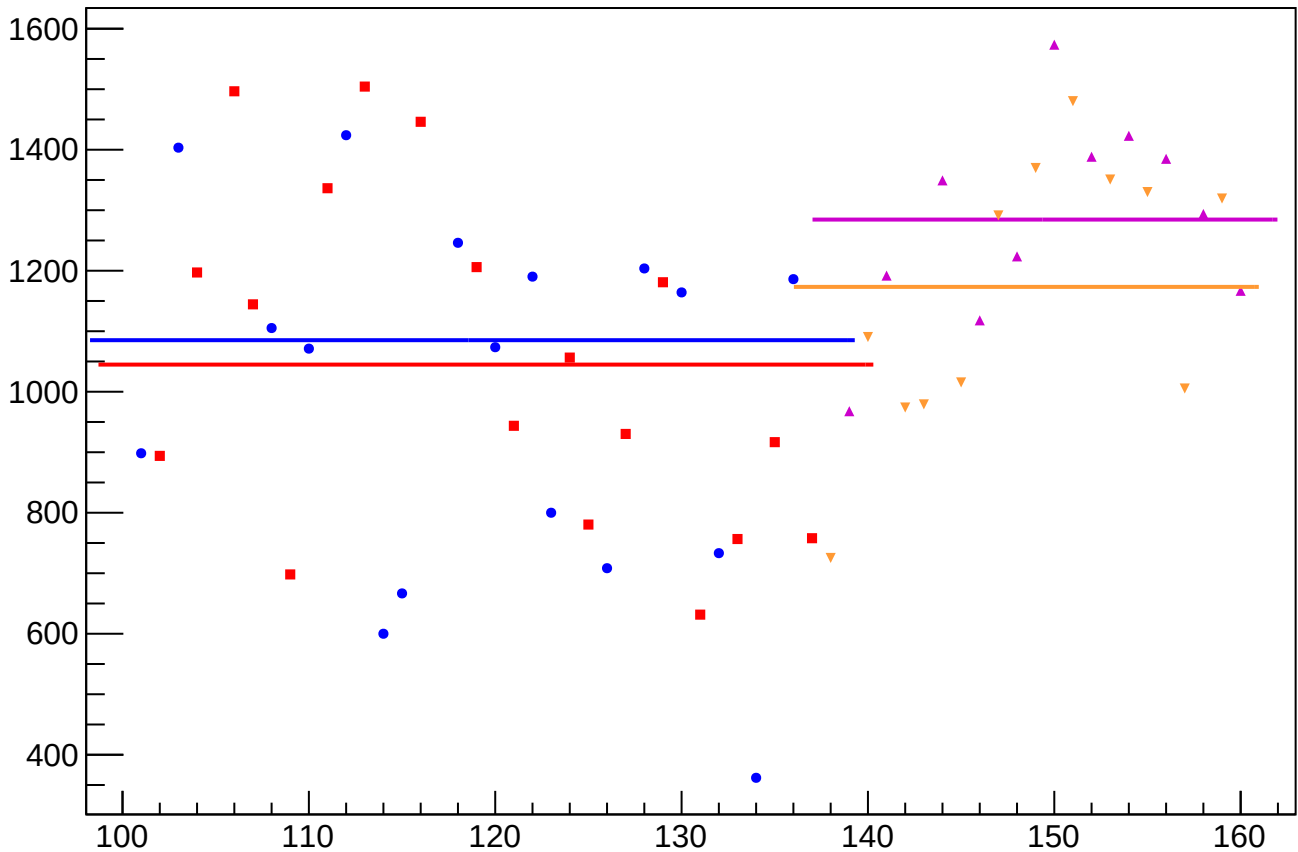
Left In: 828.047 $\pm$ 0.000 χ^2 /NDF: 96201297506087070099989263222619242496.0/10

+ sign 861.192 $\pm$ 0.000 χ^2 /NDF: 229255785162804

All: 830.005 $\pm$ 0.000 χ^2 /NDF: 375263680723

- sign 799.670 $\pm$ 0.000 χ^2 /NDF: 142932321770367

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

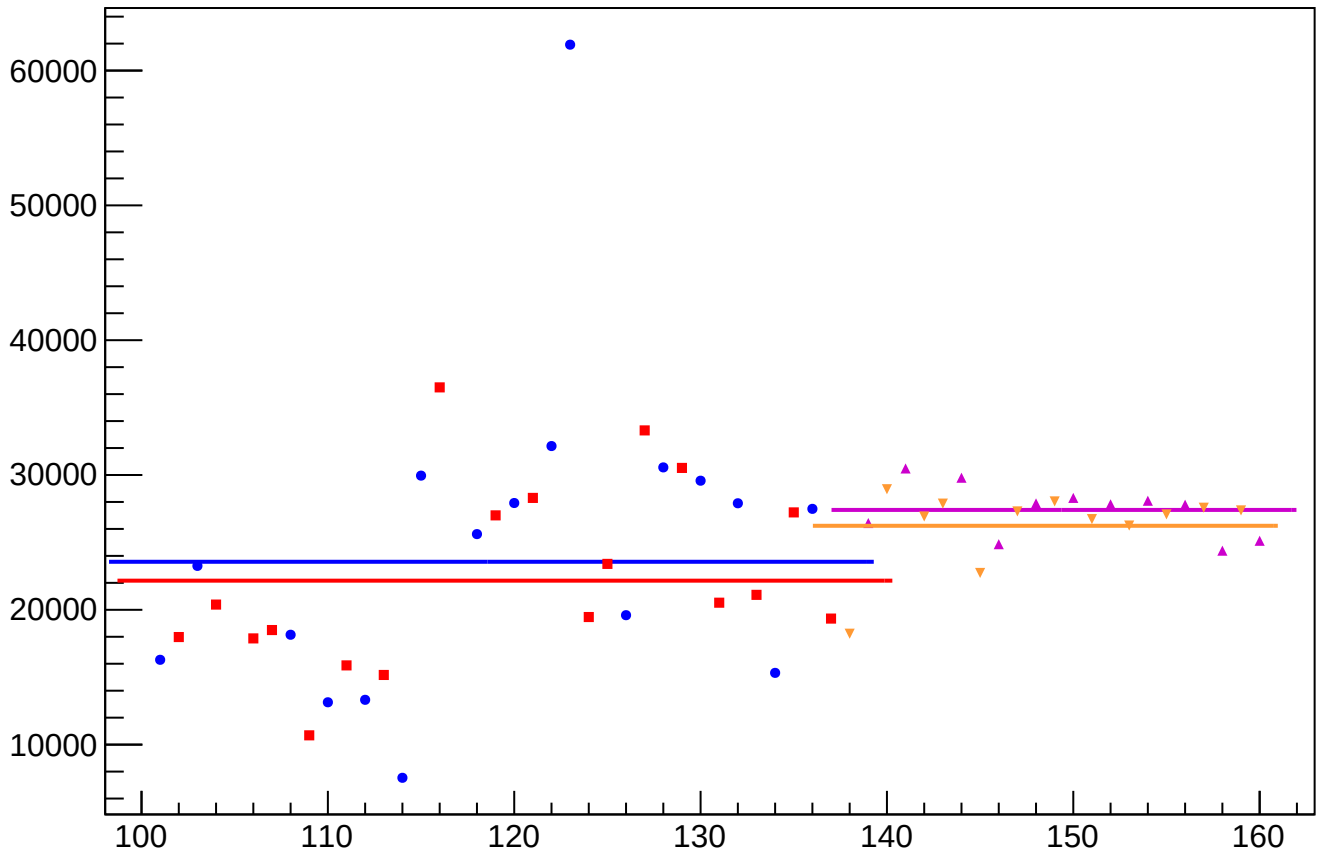
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

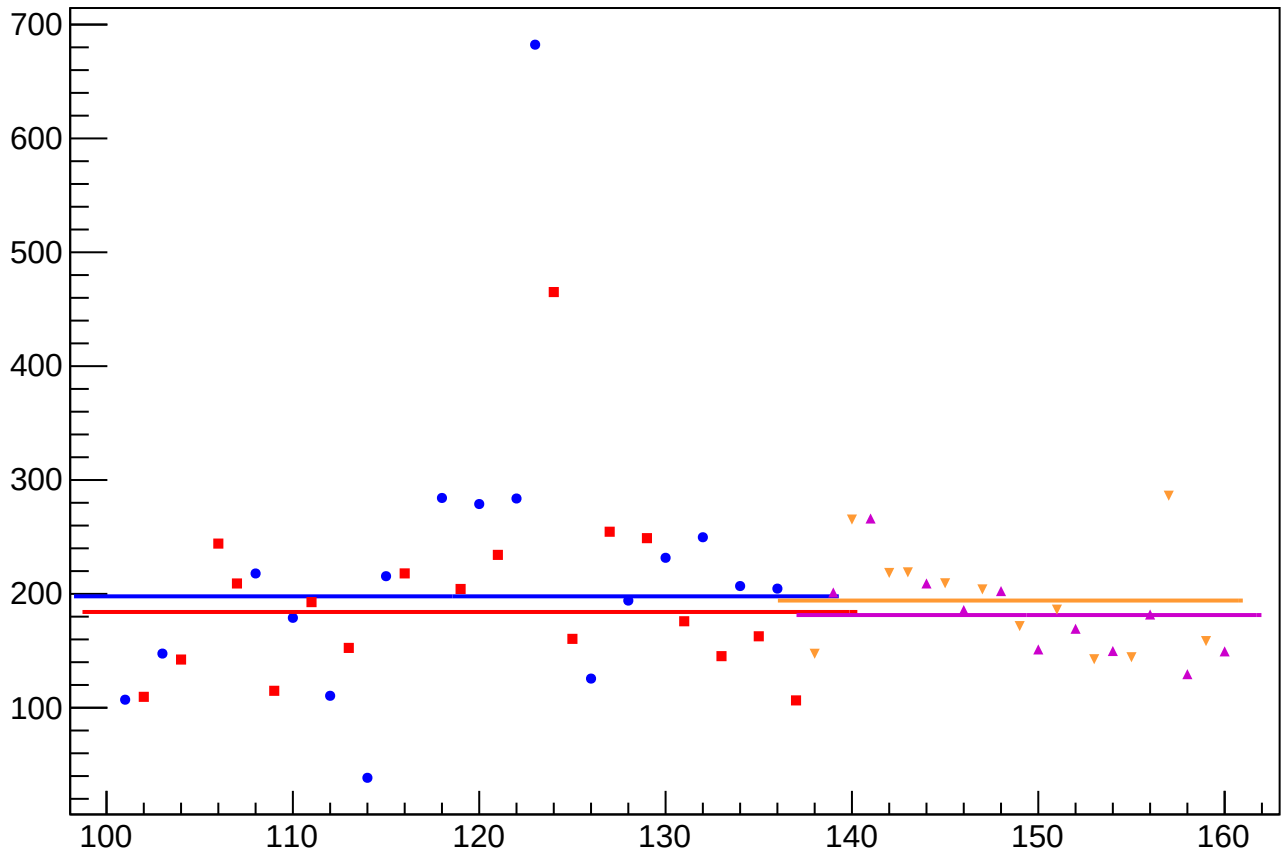
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam5_coil4_mean vs Slug



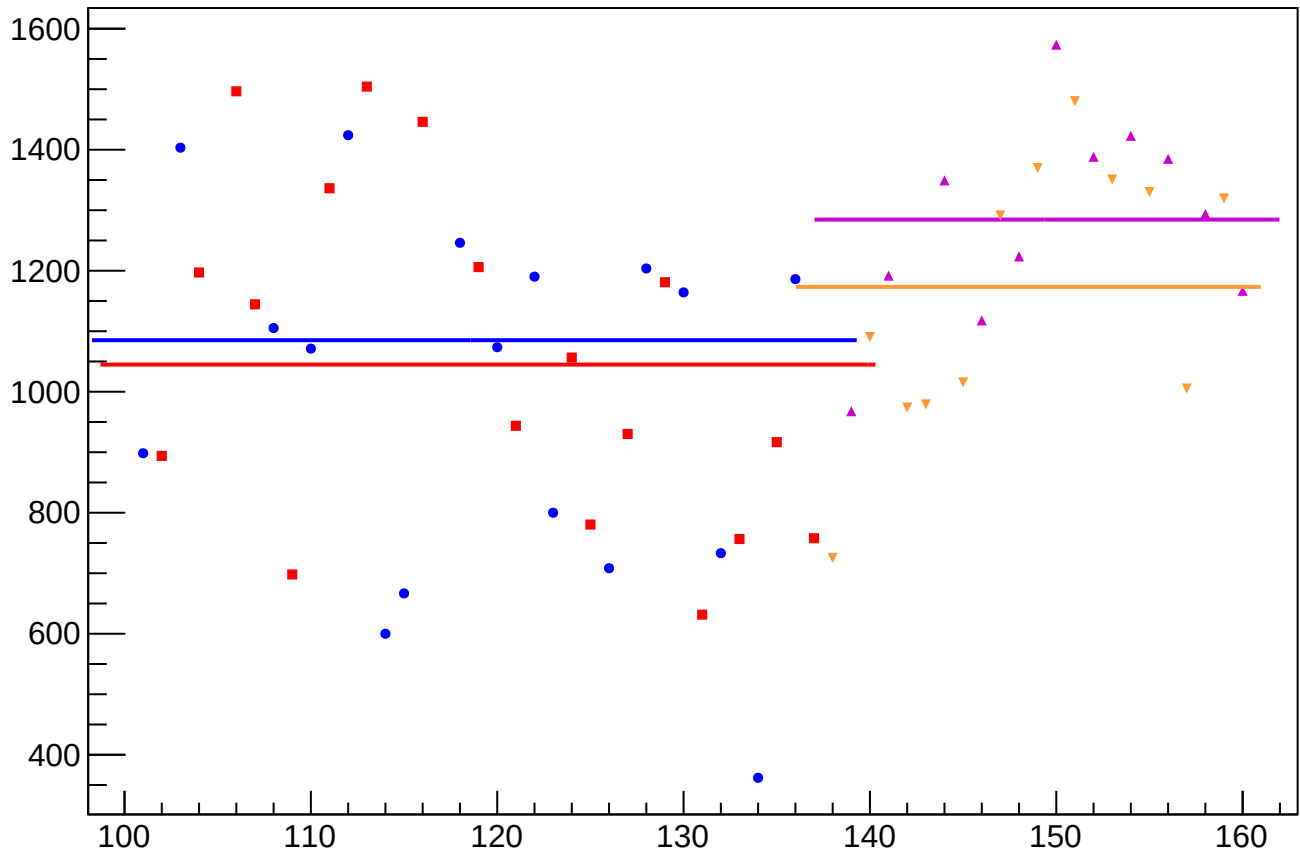
Right In: 23563.217 $\pm$ 0.000 χ^2 /NDF: 35385807137271018817625418232540839280640.0/16
 Left Out: 26232.941 $\pm$ 0.000 χ^2 /NDF: 7436306383754098156934386282018195374080.0/11
 Right Out: 22162.506 $\pm$ 0.000 χ^2 /NDF: 30926817479017578857864317291139006726144.0/17
 Left In: 27409.308 $\pm$ 0.000 χ^2 /NDF: 3260068033865796960082272162296933384192.0/10
 All: 25105.411 $\pm$ 0.000 χ^2 /NDF: 9095992036
 + sign 25077.115 $\pm$ 0.000 χ^2 /NDF: 4562704807427
 - sign 25132.934 $\pm$ 0.000 χ^2 /NDF: 4533034042690

dit_sam5_coil4_err_mean vs Slug



Right In: 197.841+/-0.000	χ^2/NDF : 3601849103427594359827693165900464128.0/16	+ sign 195.746+/-0.000	χ^2/NDF : 548624027789253
Left Out: 194.146+/-0.000	χ^2/NDF : 1879017279218446114091371157486829568.0/11	All: 189.072+/-0.000	χ^2/NDF : 95735353015
Right Out: 184.108+/-0.000	χ^2/NDF : 2706165724913072523706132651898306560.0/17	- sign 182.580+/-0.000	χ^2/NDF : 394644182603320
Left In: 181.409+/-0.000	χ^2/NDF : 1237326176797583481368716307739967488.0/10		

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

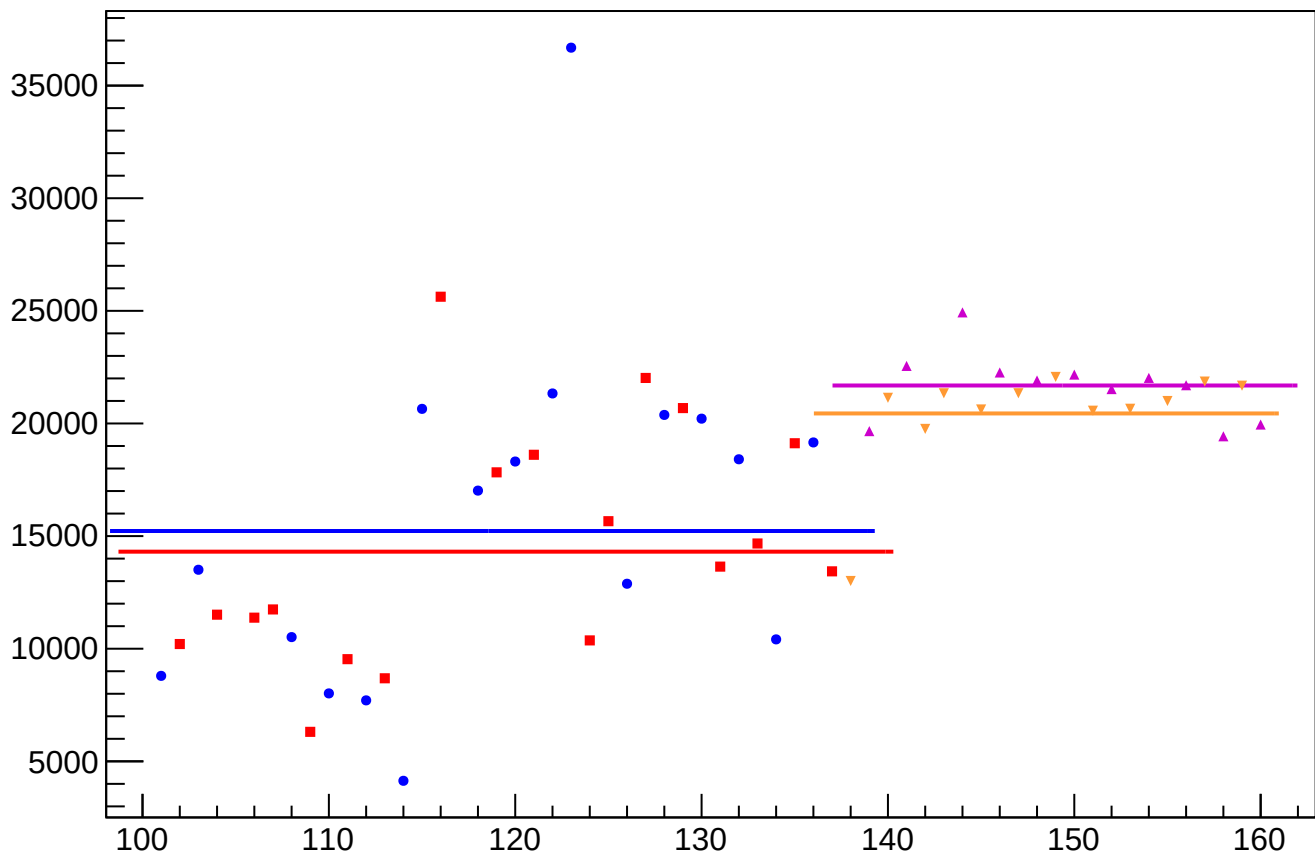
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

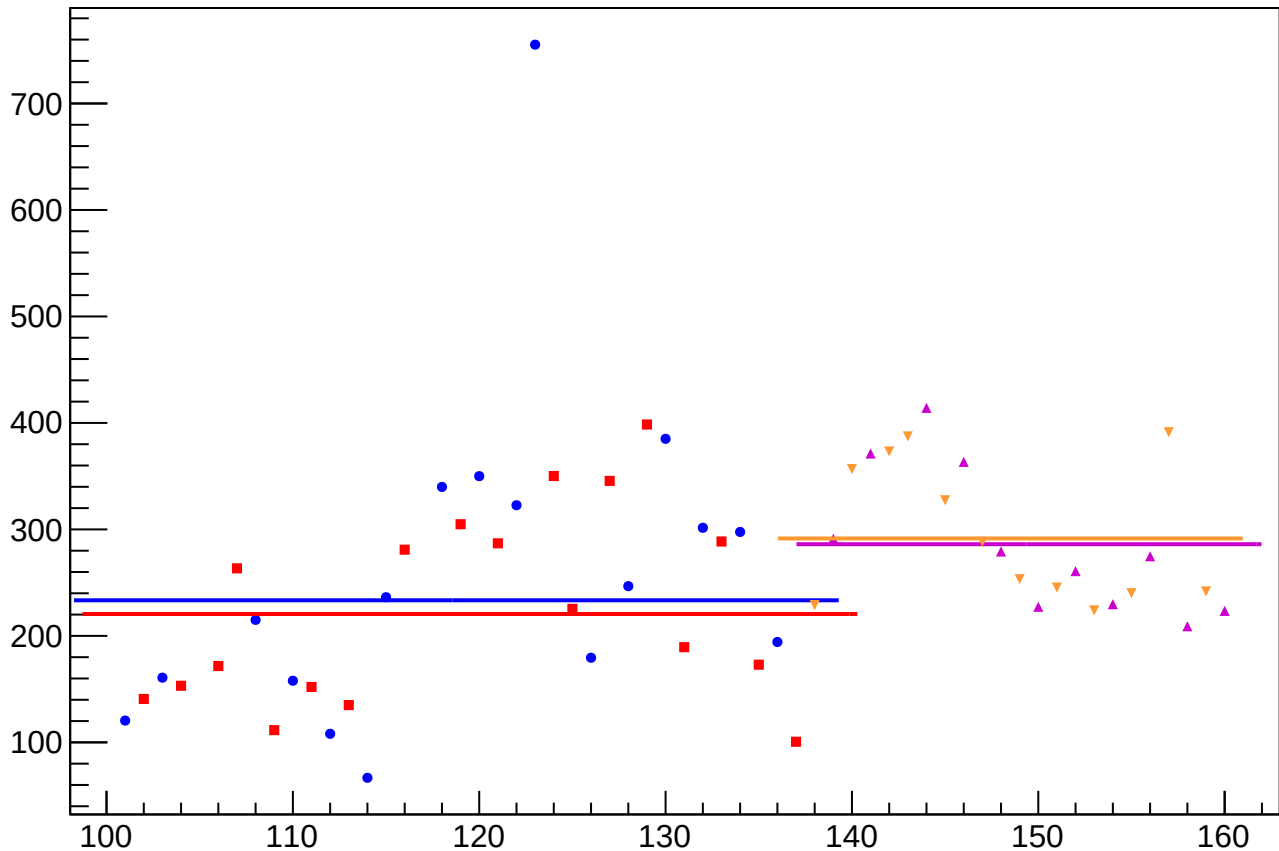
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam6_coil4_mean vs Slug



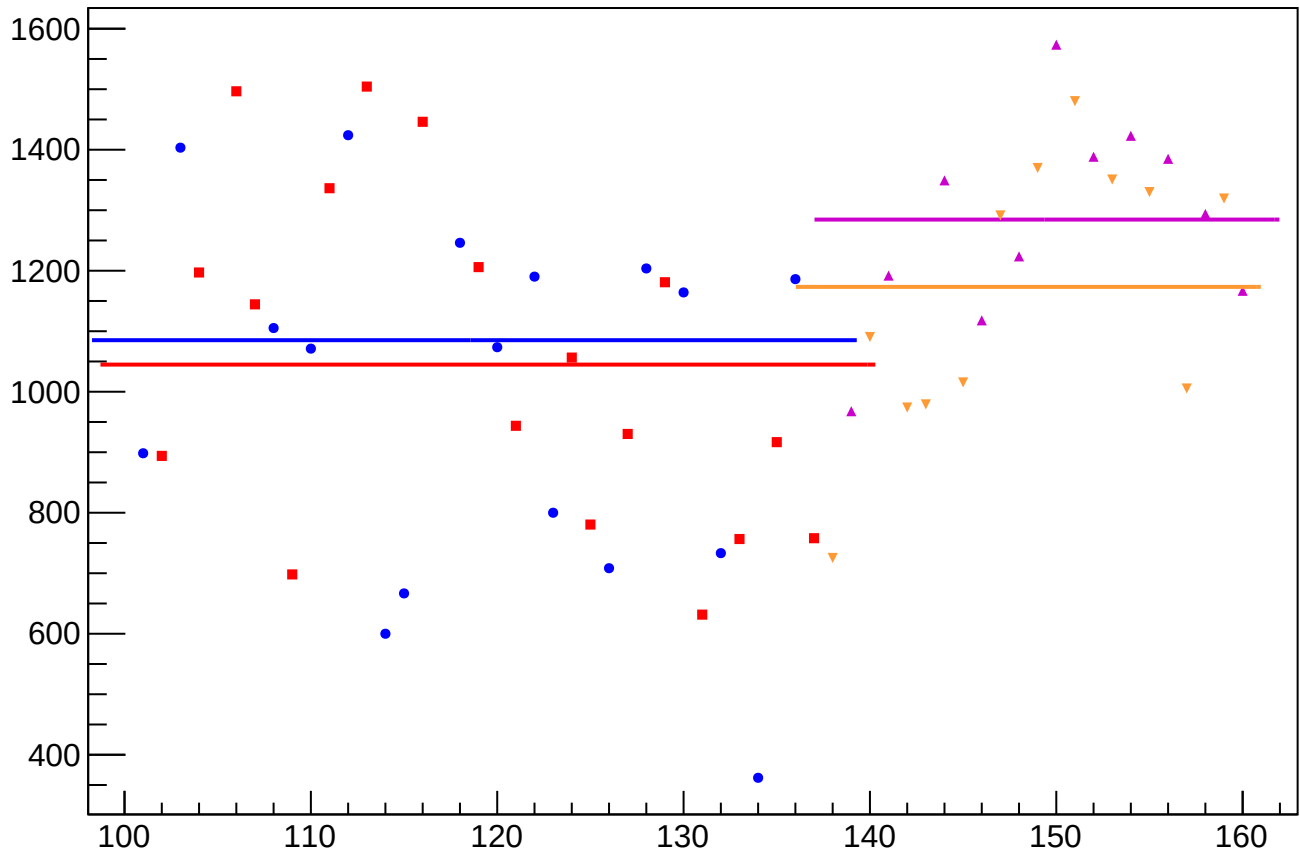
Right In: 15226.152+/-0.000 χ^2/NDF : 19033981883616318675707973818231845552128.0/16
 Left Out: 20444.904+/-0.000 χ^2/NDF : 5015541788113107499549833018825777348608.0/11
 Right Out: 14308.618+/-0.000 χ^2/NDF : 17986620092143727991108175714996656799744.0/17
 Left In: 21685.940+/-0.000 χ^2/NDF : 2061414370106068569162415723838611390464.0/10

dit_sam6_coil4_err_mean vs Slug



Right In: 233.427+/-0.000 χ^2/NDF : 6632421375389201944932770217893822464.0/16
 Left Out: 291.492+/-0.000 χ^2/NDF : 3496936665449814929425245861490720768.0/11
 Right Out: 220.559+/-0.000 χ^2/NDF : 5383695019108554854360648047063465984.0/17
 Left In: 286.089+/-0.000 χ^2/NDF : 4047639086763227768293546604548325376.0/10

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

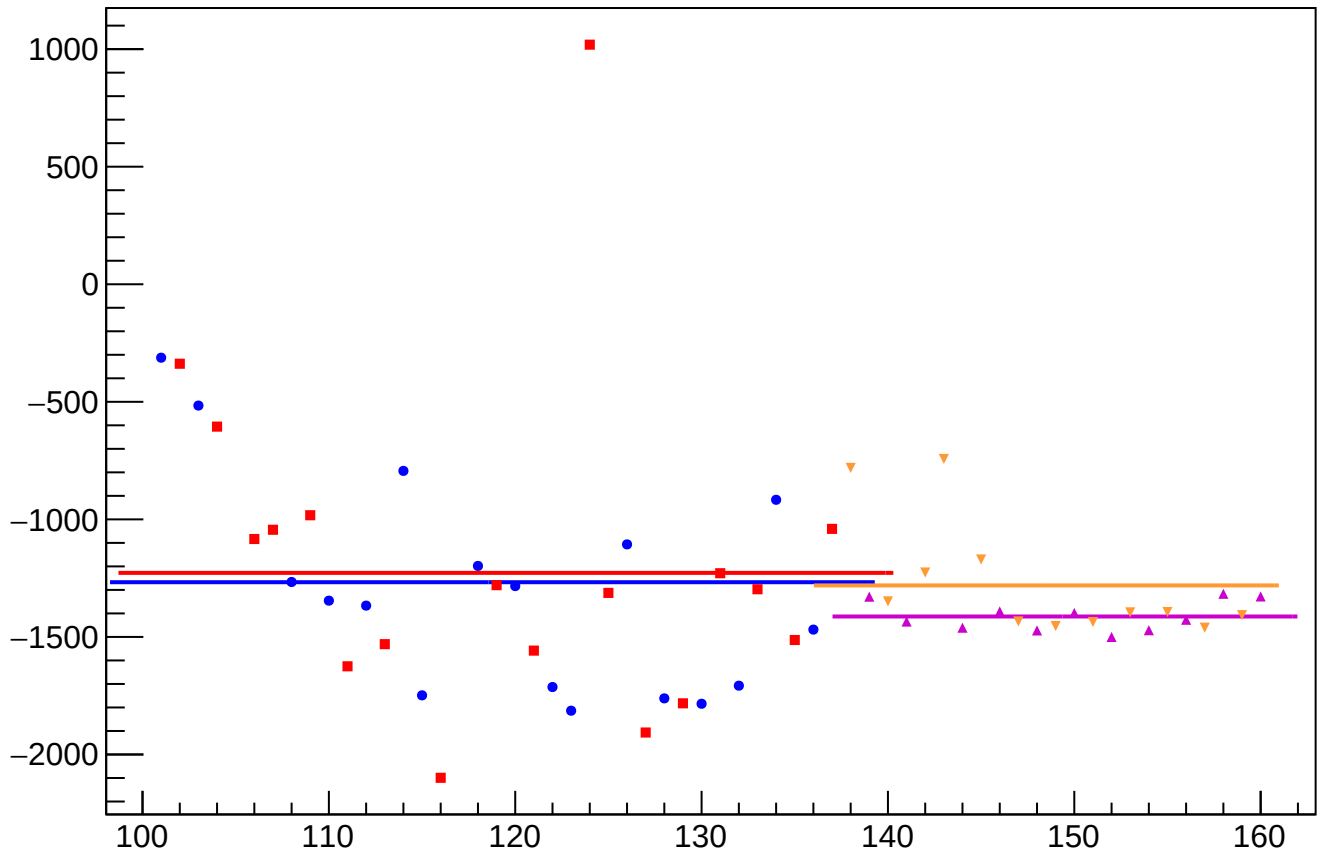
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

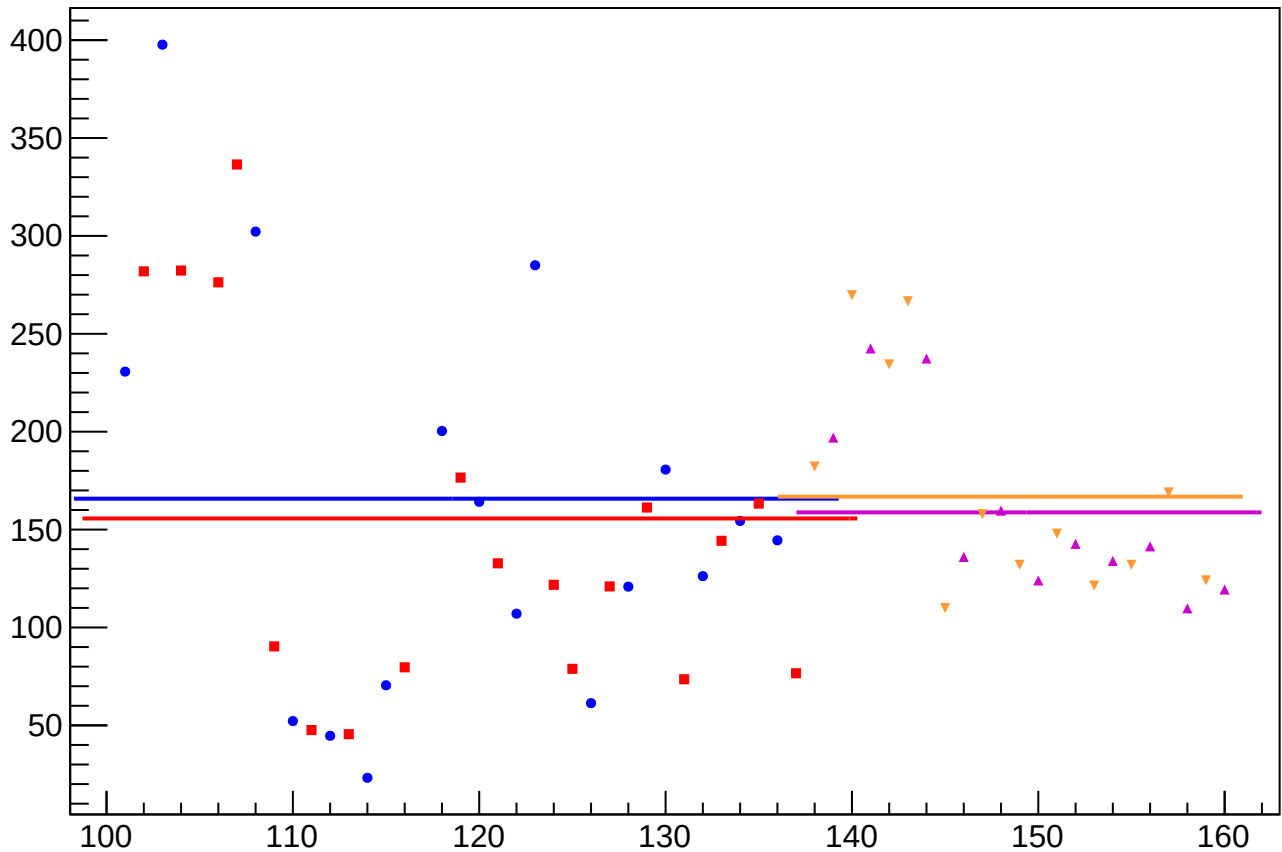
All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam7_coil4_mean vs Slug



Right In: -1267.268 ± 0.000 $\chi^2/\text{NDF}: 145198686124385842675248081831068696576.0/16$
 Left Out: -1280.919 ± 0.000 $\chi^2/\text{NDF}: 52350467274887830805489203247275048960.0/11$
 Right Out: -1227.490 ± 0.000 $\chi^2/\text{NDF}: 214319050187910672698323609340044378112.0/17$
 Left In: -1413.098 ± 0.000 $\chi^2/\text{NDF}: 3510654626311902880652773562800668672.0/10$
 All: -1304.188 ± 0.000 $\chi^2/\text{NDF}: 4320897912$
 + sign: -1275.009 ± 0.000 $\chi^2/\text{NDF}: 1976224825891$
 - sign: -1332.570 ± 0.000 $\chi^2/\text{NDF}: 23177495682648$

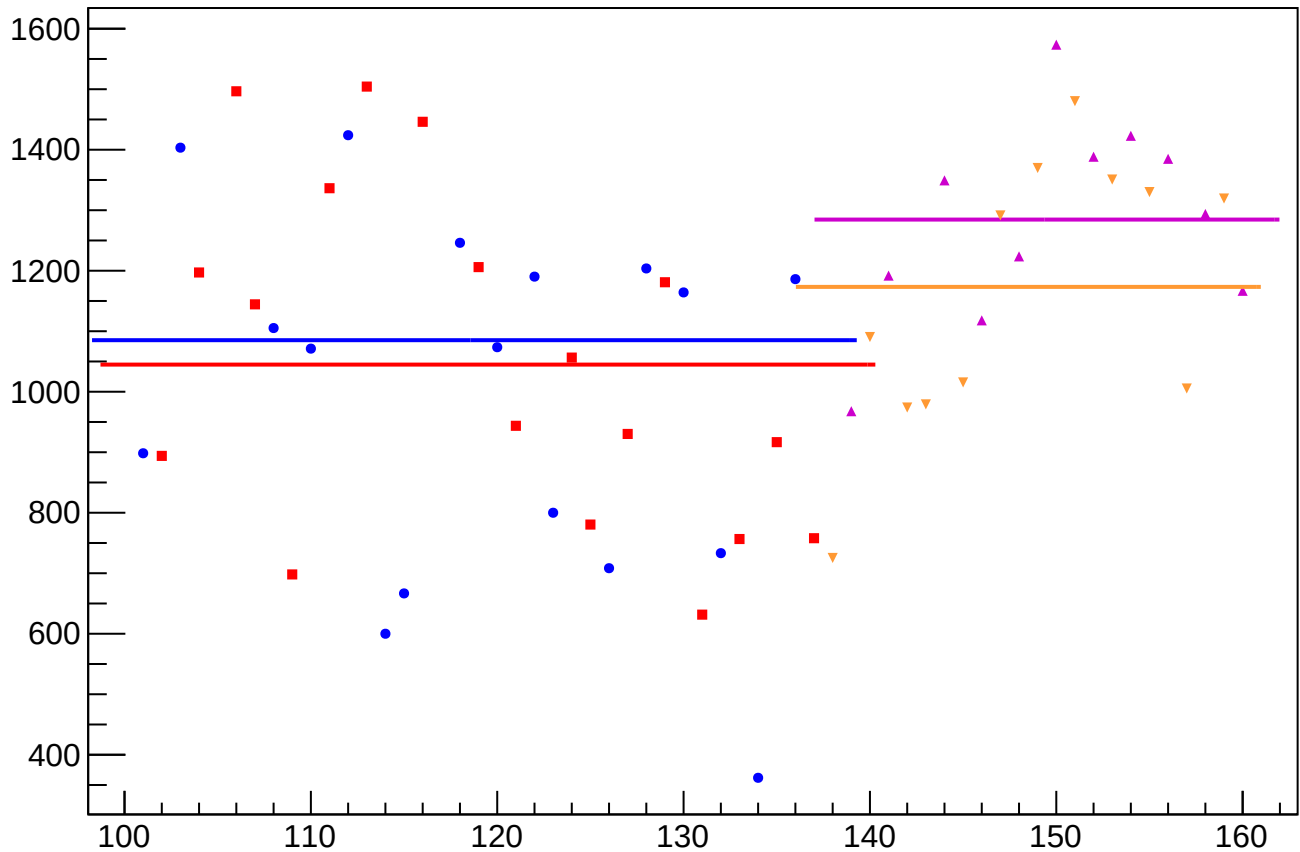
dit_sam7_coil4_err_mean vs Slug



Right In: 165.791+/-0.000	χ^2/NDF : 6599926309722586861325010177468923904.0/16
Left Out: 166.830+/-0.000	χ^2/NDF : 2570249887219169860921416363043454976.0/11
Right Out: 155.674+/-0.000	χ^2/NDF : 5506170000172026486696305926028132352.0/17
Left In: 158.786+/-0.000	χ^2/NDF : 1841518274242064728634139939665084416.0/10

+ sign 166.380+/-0.000 χ^2/NDF : 917060071056293
 All: 161.846+/-0.000 χ^2/NDF : 16587221574
 - sign 157.436+/-0.000 χ^2/NDF : 735160811086087

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

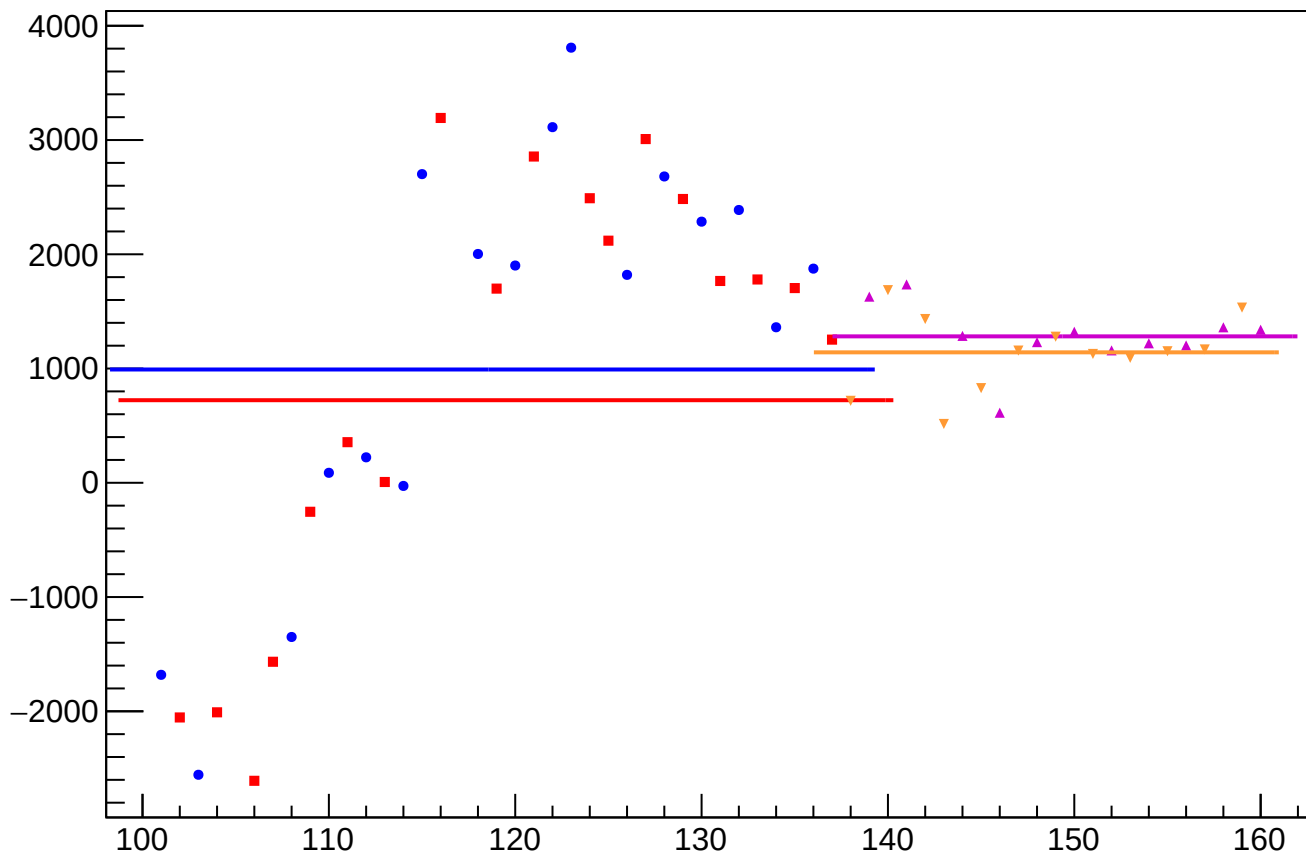
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

dit_sam8_coil4_mean vs Slug



Right In: 991.656+/-0.000 χ^2/NDF : 2196543485135713219136059560633443549184.0/16

+ sign 1076.771+/-0.000 χ^2/NDF : 22957638189544

Left Out: 1141.755+/-0.000 χ^2/NDF : 90353942436830856594949216052979957760.0/11

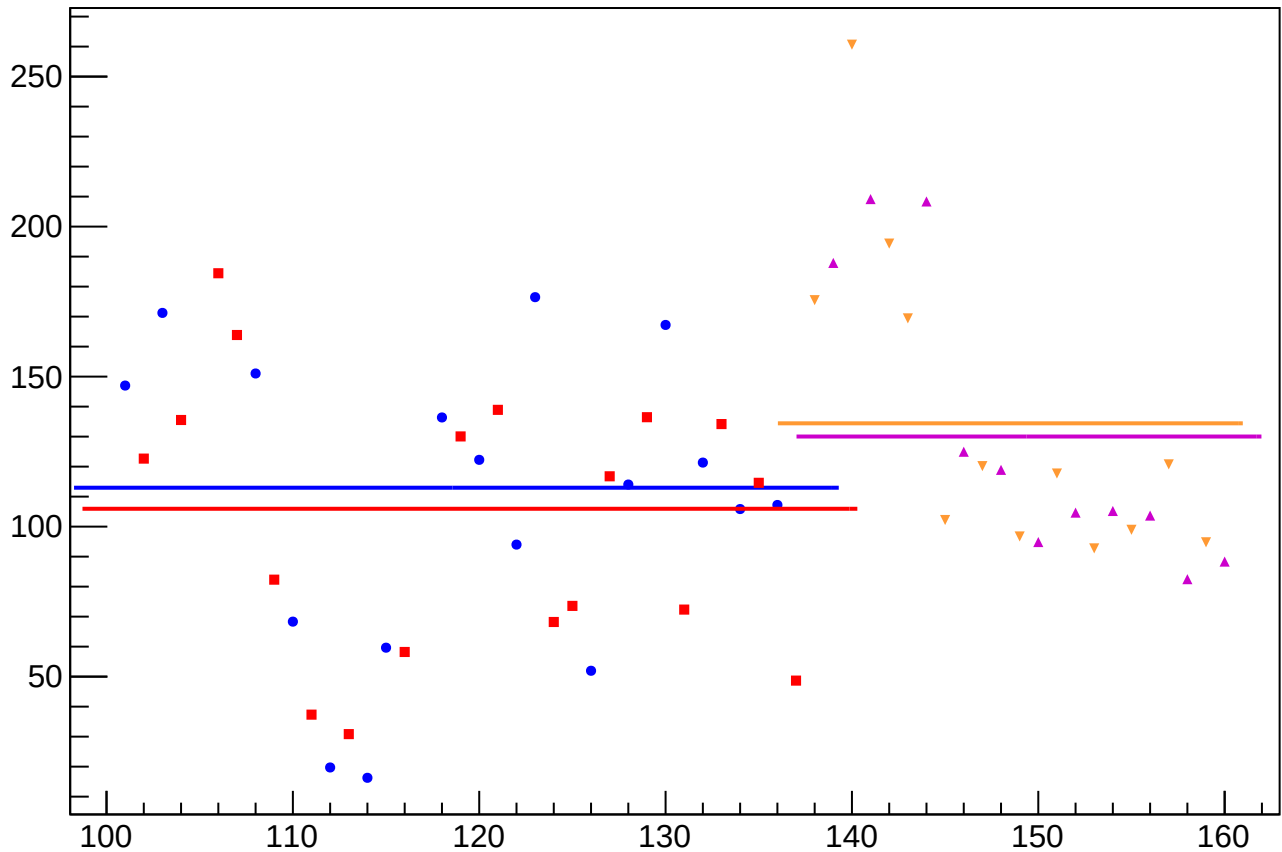
All: 1057.729+/-0.000 χ^2/NDF : 49212801436

Right Out: 722.834+/-0.000 χ^2/NDF : 2430230107927732709008698791969328988160.0/17

- sign 1039.207+/-0.000 χ^2/NDF : 26243697122879

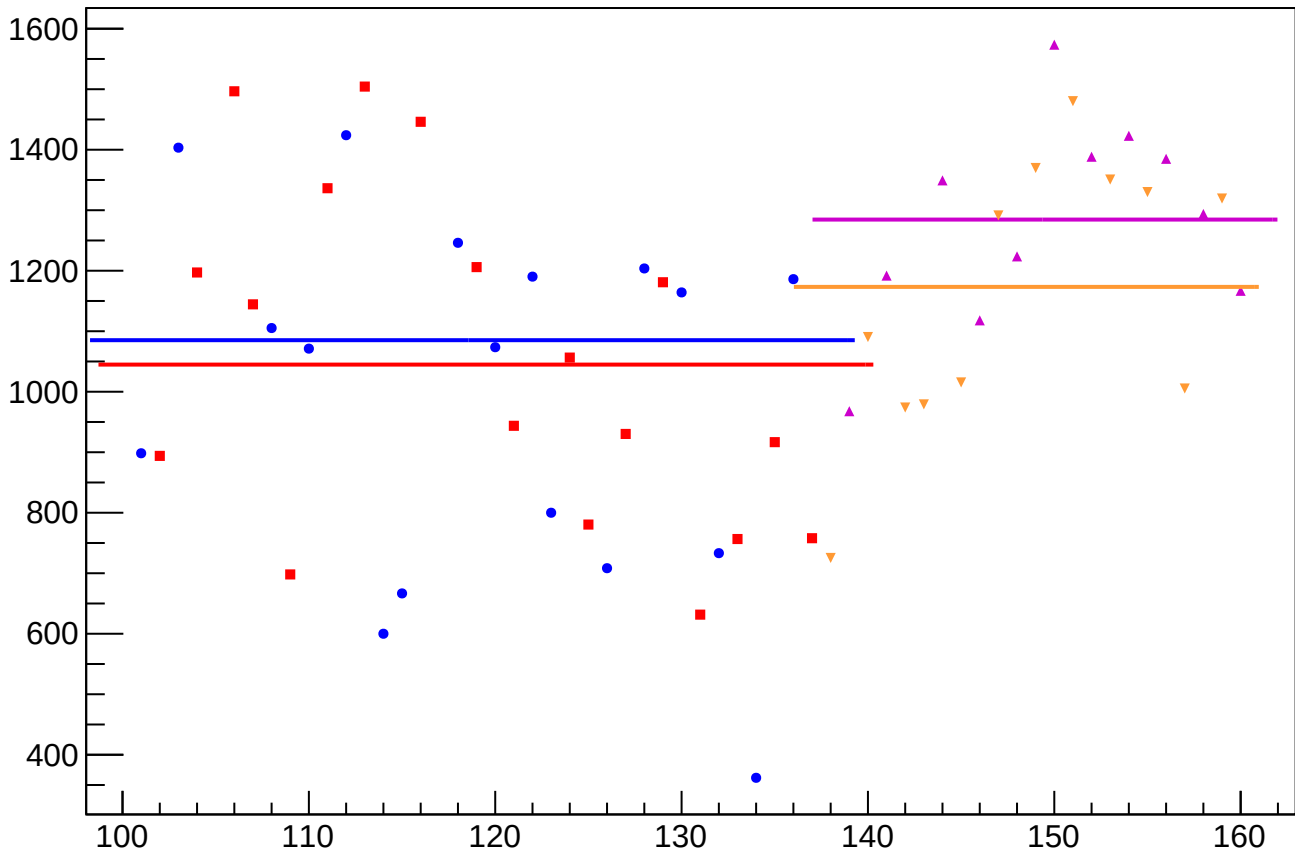
Left In: 1281.659+/-0.000 χ^2/NDF : 67729567822989794442627212039346454528.0/10

dit_sam8_coil4_err_mean vs Slug



Right In: 112.967 $\pm$ 0.000 χ^2 /NDF: 1352482381635393188272506664826961920.0/16
 Left Out: 134.431 $\pm$ 0.000 χ^2 /NDF: 2310662516274369890170239716283121664.0/11
 Right Out: 105.949 $\pm$ 0.000 χ^2 /NDF: 1242528444706792757388488213889286144.0/17
 Left In: 130.030 $\pm$ 0.000 χ^2 /NDF: 1968681434700847172167982931920289792.0/10
 All: 122.322 $\pm$ 0.000 χ^2 /NDF: 731548067843
 + sign 125.138 $\pm$ 0.000 χ^2 /NDF: 384444618393612
 - sign 119.582 $\pm$ 0.000 χ^2 /NDF: 344594774773505

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16

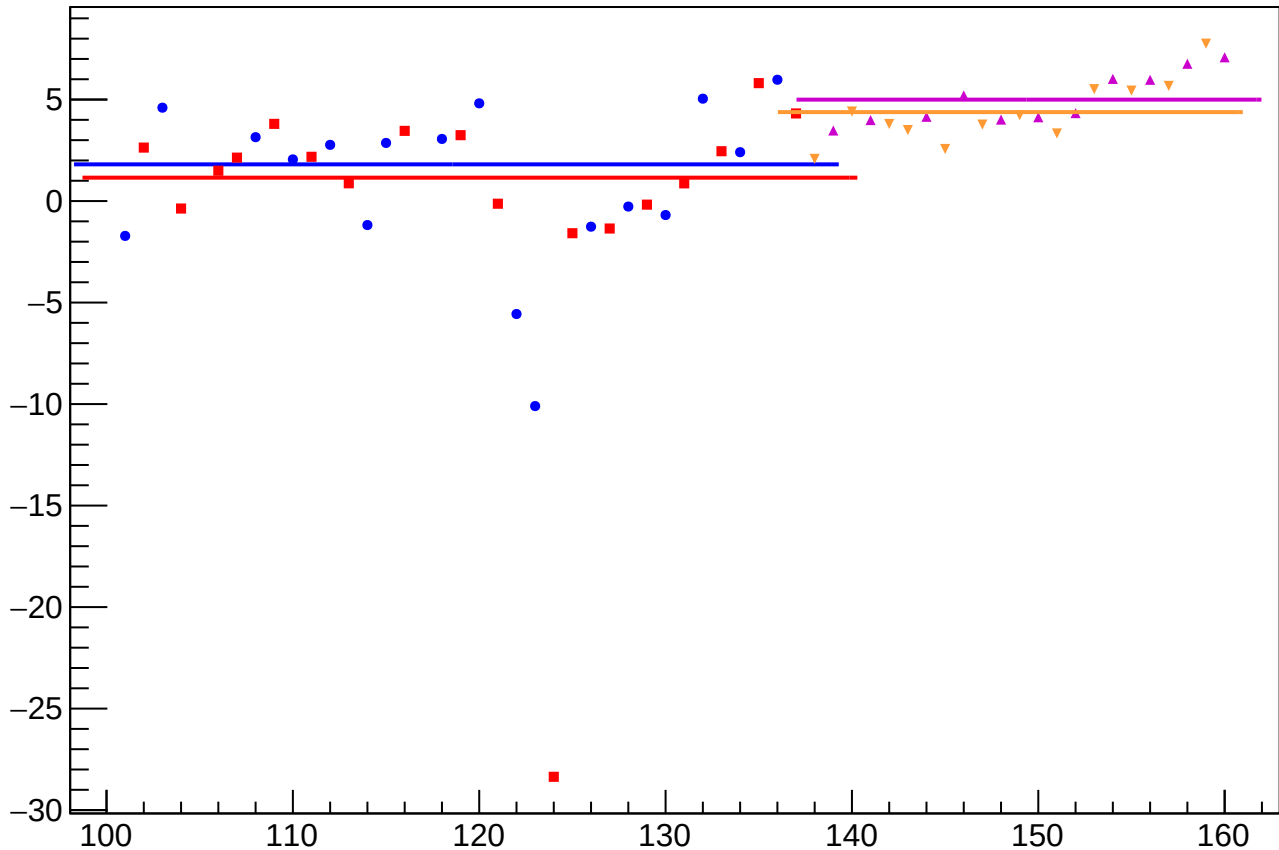
Left Out: 1173.287+/-0.000 χ^2/NDF : 42540290412411971649148526900629471232.0/11

Right Out: 1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: 1284.540+/-0.000 χ^2/NDF : 24056417049221053484728394918859374592.0/10

All: 1158.161+/-0.000 χ^2/NDF : 19003097965

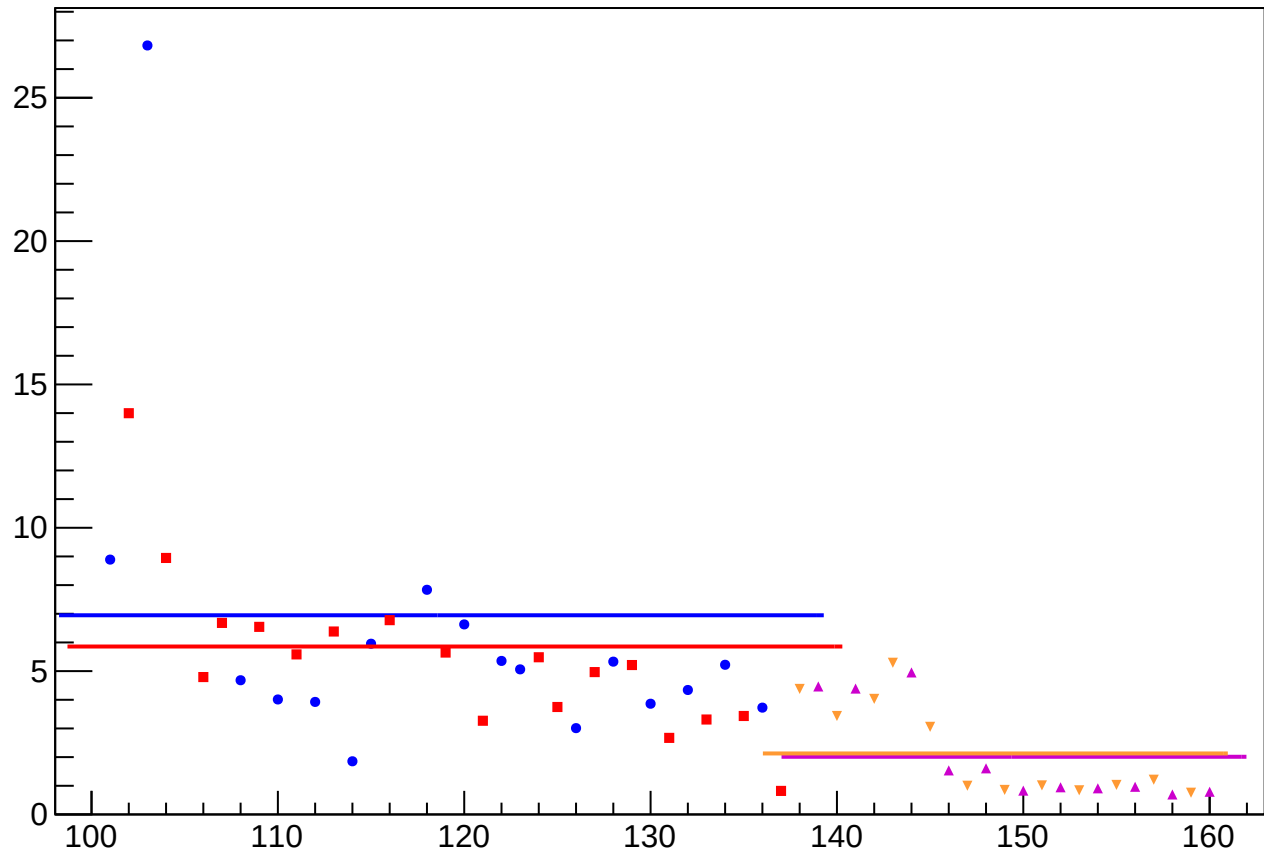
dit_4aX_coil6_mean vs Slug



Right In: 1.808+/-0.000	χ^2/NDF : 7527409924358699638476786257362944.0/16
Left Out: 4.381+/-0.000	χ^2/NDF : 20864436713115253252222433361920.0/11
Right Out: 1.152+/-0.000	χ^2/NDF : 15220659080427743810069153064157184.0/17
Left In: 4.995+/-0.000	χ^2/NDF : 1311384685098121552827321556140032.0/10

+ sign 3.267+/-0.000 χ^2/NDF : 12219213675527830
 All: 3.298+/-0.000 χ^2/NDF : 3473162635414
 - sign 3.328+/-0.000 χ^2/NDF : 22509376650235287

dit_4aX_coil6_err_mean vs Slug



Right In: 6.948 ± 0.000 χ^2/NDF : 27500472377838631302114625925939200.0/16

Left Out: 2.128 ± 0.000 χ^2/NDF : 2219193645273984606349154335064064.0/11

Right Out: 5.858 ± 0.000 χ^2/NDF : 6347530911749266996807271930920960.0/17

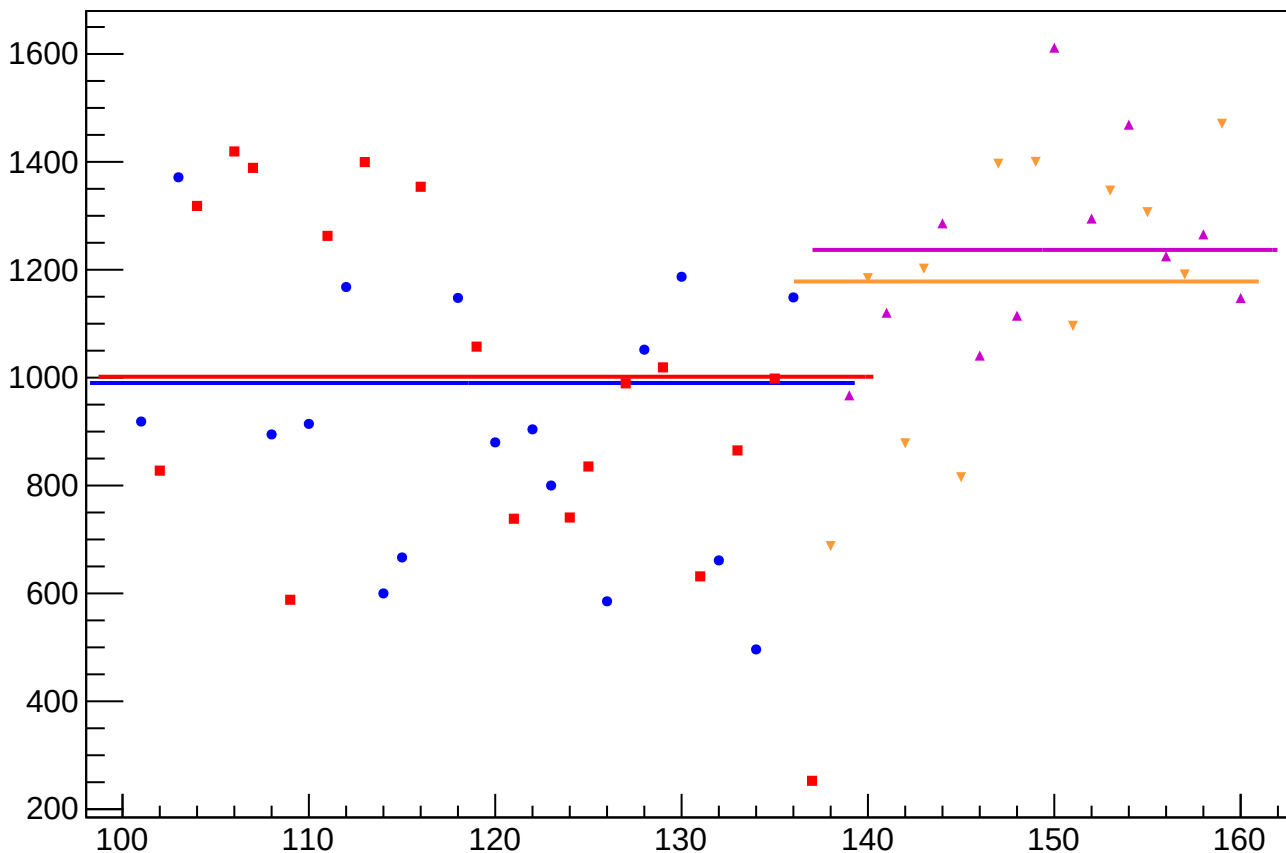
Left In: 2.012 ± 0.000 χ^2/NDF : 2455587486650389464574895818014720.0/10

+ sign 4.215 ± 0.000 χ^2/NDF : 38864332153290414

All: 3.944 ± 0.000 χ^2/NDF : 53886447935405

- sign 3.681 ± 0.000 χ^2/NDF : 14790472996884092

dit_4aX_coil6_Ndata_mean vs Slug



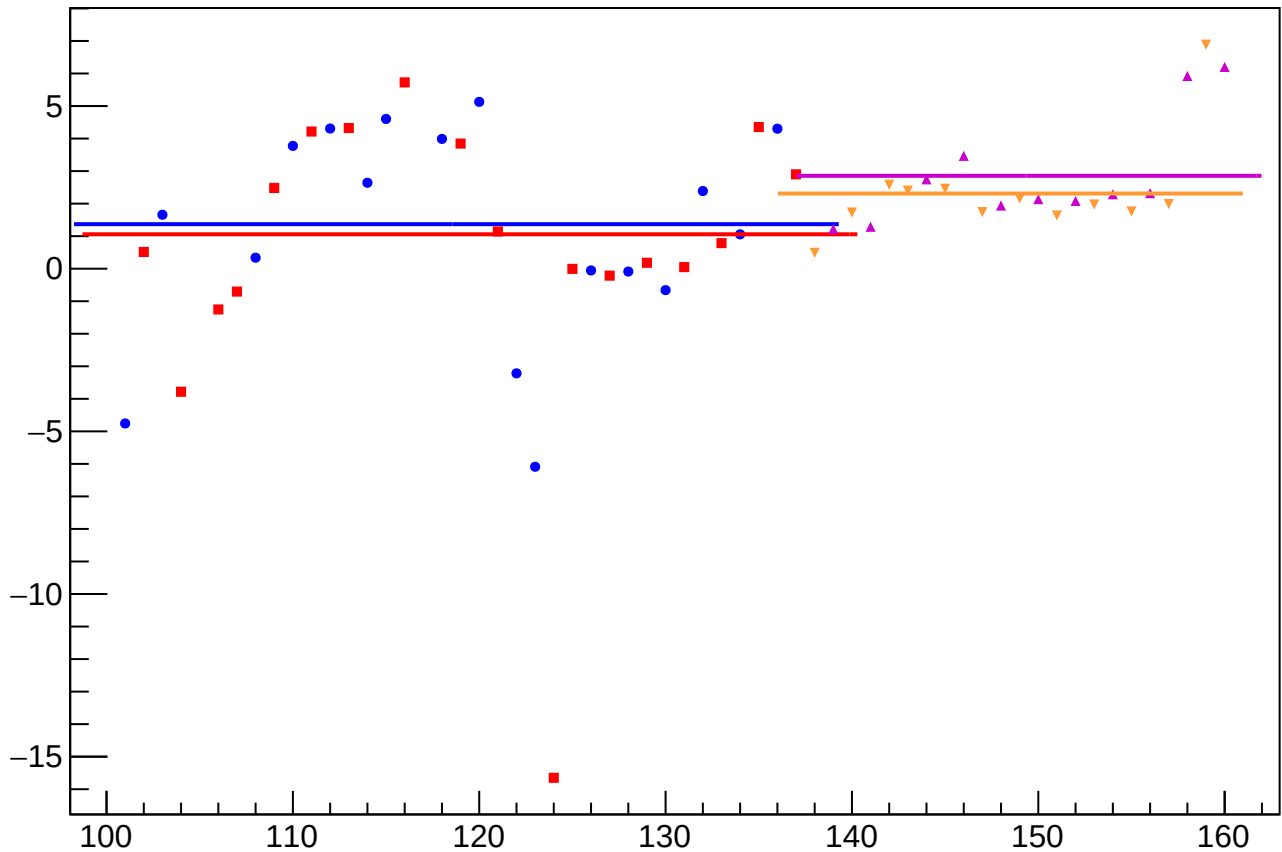
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

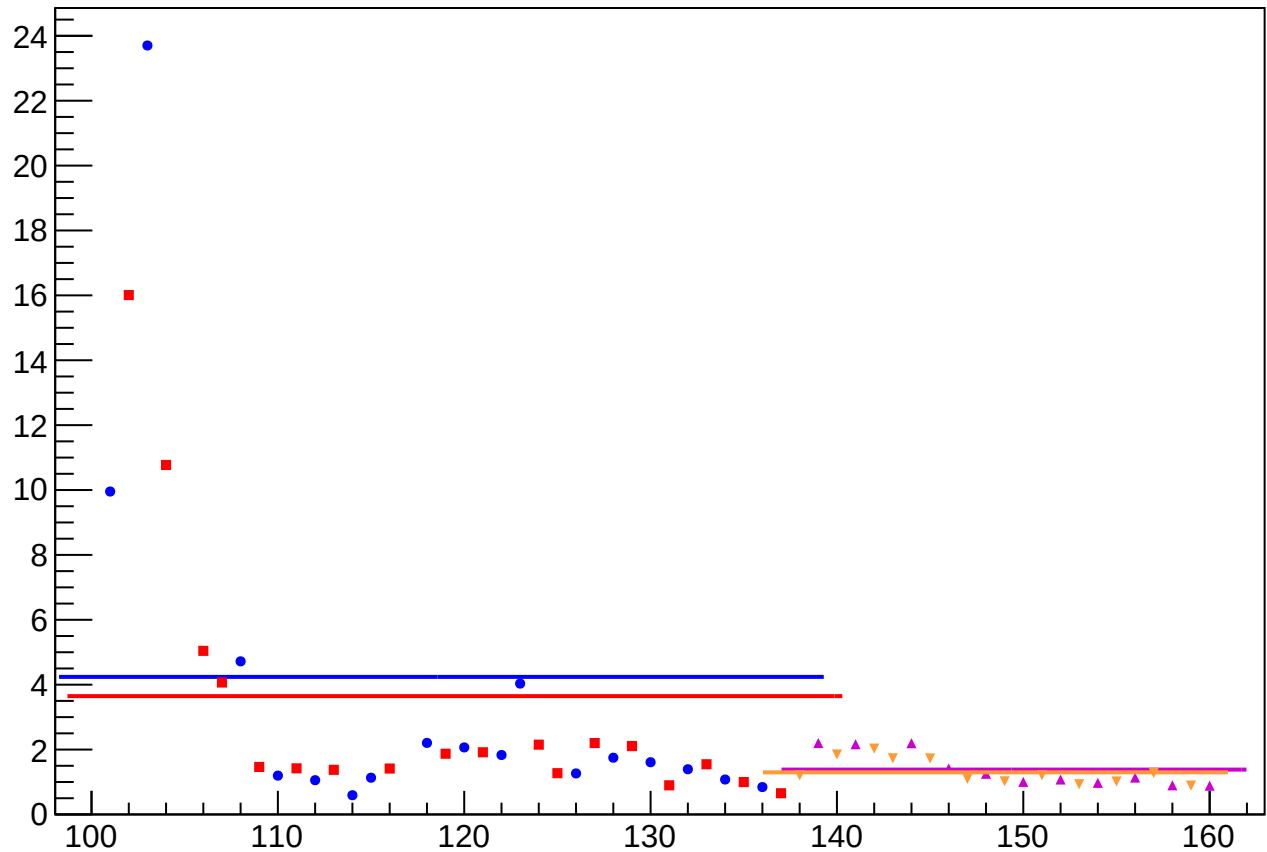
dit_4eX_coil6_mean vs Slug



Right In: 1.369+/-0.000	χ^2/NDF : 6191636339009546001582067680280576.0/16
Left Out: 2.311+/-0.000	χ^2/NDF : 2071801880392961895564472831967232.0/11
Right Out: 1.058+/-0.000	χ^2/NDF : 8169457084716591134016374239657984.0/17
Left In: 2.855+/-0.000	χ^2/NDF : 2369235409930855719380632706482176.0/10

+ sign 1.903+/-0.000 χ^2/NDF : 86127083218748771
 All: 1.990+/-0.000 χ^2/NDF : 20482924206174
 - sign 2.075+/-0.000 χ^2/NDF : 11846065115872155

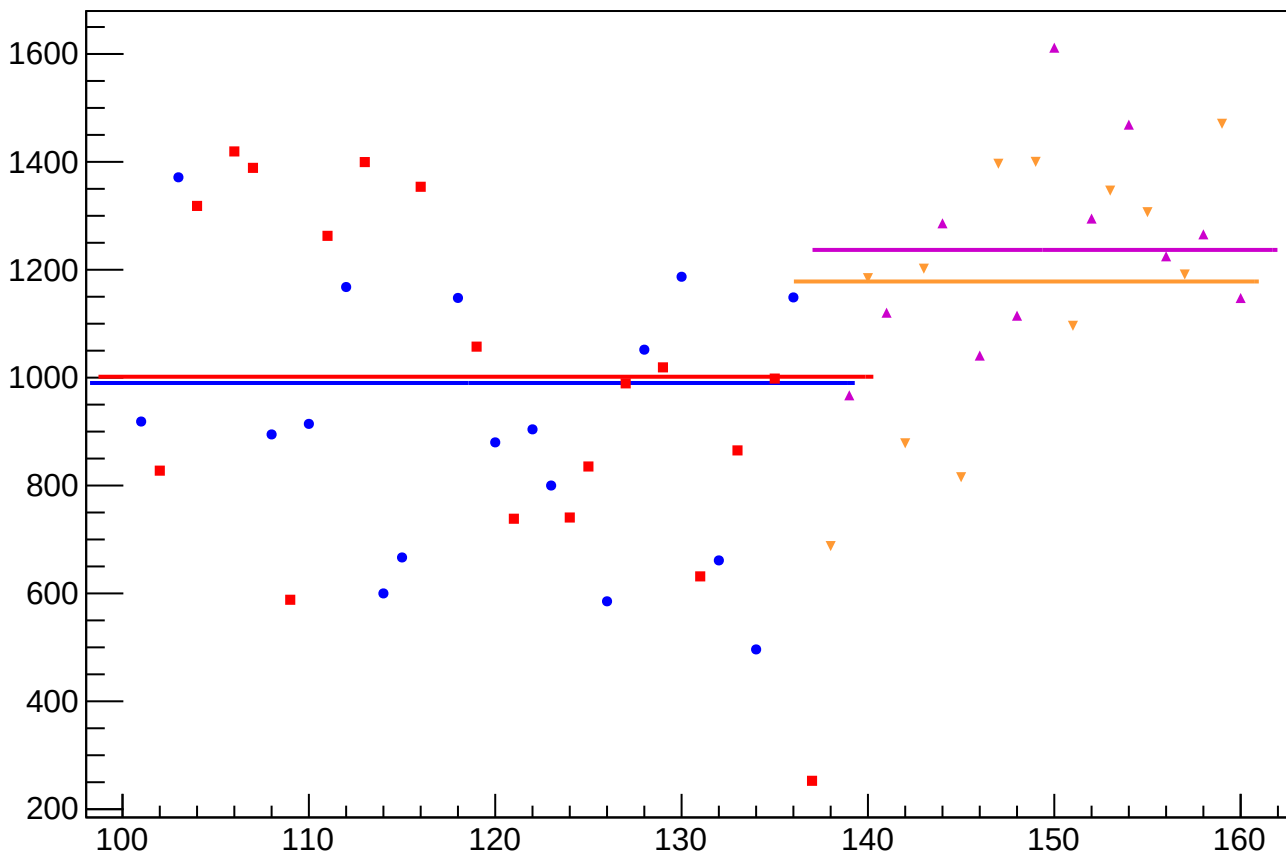
dit_4eX_coil6_err_mean vs Slug



Right In: 4.241+/-0.000	χ^2/NDF : 28619887598660619239245868781535232.0/16
Left Out: 1.298+/-0.000	χ^2/NDF : 118446025514580512304684144263168.0/11
Right Out: 3.647+/-0.000	χ^2/NDF : 14024721044013316870032890924105728.0/17
Left In: 1.383+/-0.000	χ^2/NDF : 247273414234626472508051064619008.0/10

+ sign 2.572+/-0.000 χ^2/NDF : 32146112693361861
 All: 2.467+/-0.000 χ^2/NDF : 48528176653115
 - sign 2.365+/-0.000 χ^2/NDF : 16347333794240180

dit_4eX_coil6_Ndata_mean vs Slug



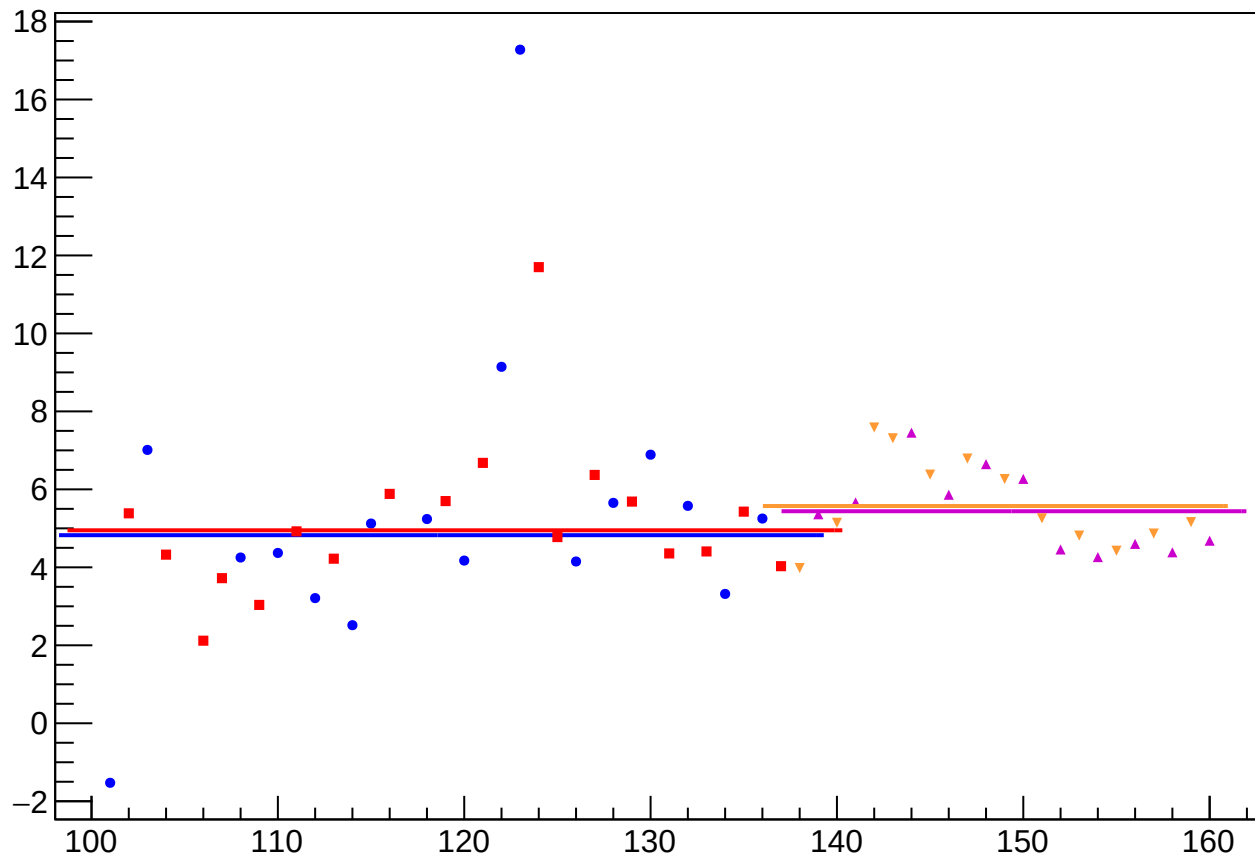
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

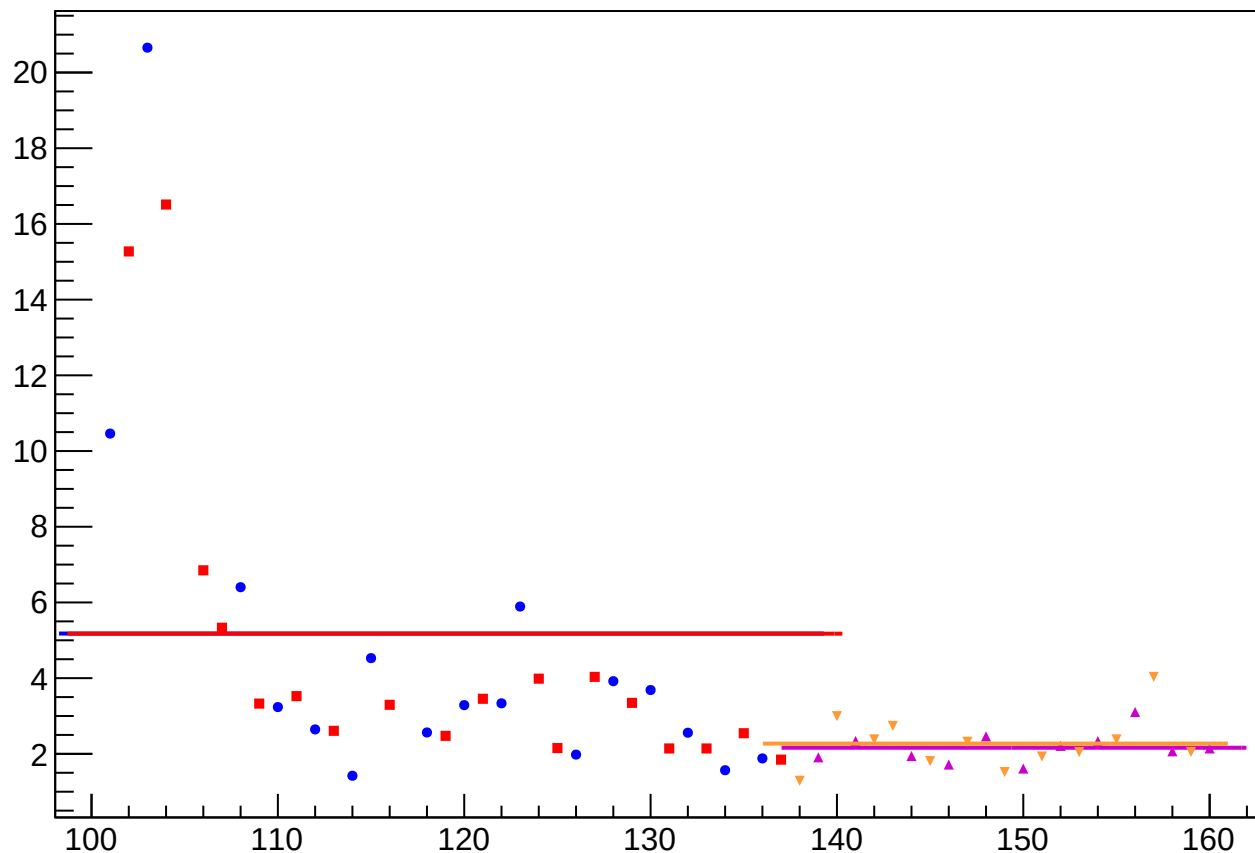
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_11X12X_coil6_mean vs Slug



Right In: 4.824 $\pm$ 0.000 χ^2 /NDF: 4654072520475619864481183580553216.0/16
 Left Out: 5.572 $\pm$ 0.000 χ^2 /NDF: 1020095199313484832120025296928768.0/11
 Right Out: 4.950 $\pm$ 0.000 χ^2 /NDF: 1515007904318518564448163120283648.0/17
 Left In: 5.439 $\pm$ 0.000 χ^2 /NDF: 966975123743589213264905804709888.0/10

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.179+/-0.000 χ^2/NDF : 19215970923479019199836696755568640.0/16

Left Out: 2.271+/-0.000 χ^2/NDF : 445973362143922999565724801826816.0/11

Right Out: 5.175+/-0.000 χ^2/NDF : 15553868406688086696237036103270400.0/17

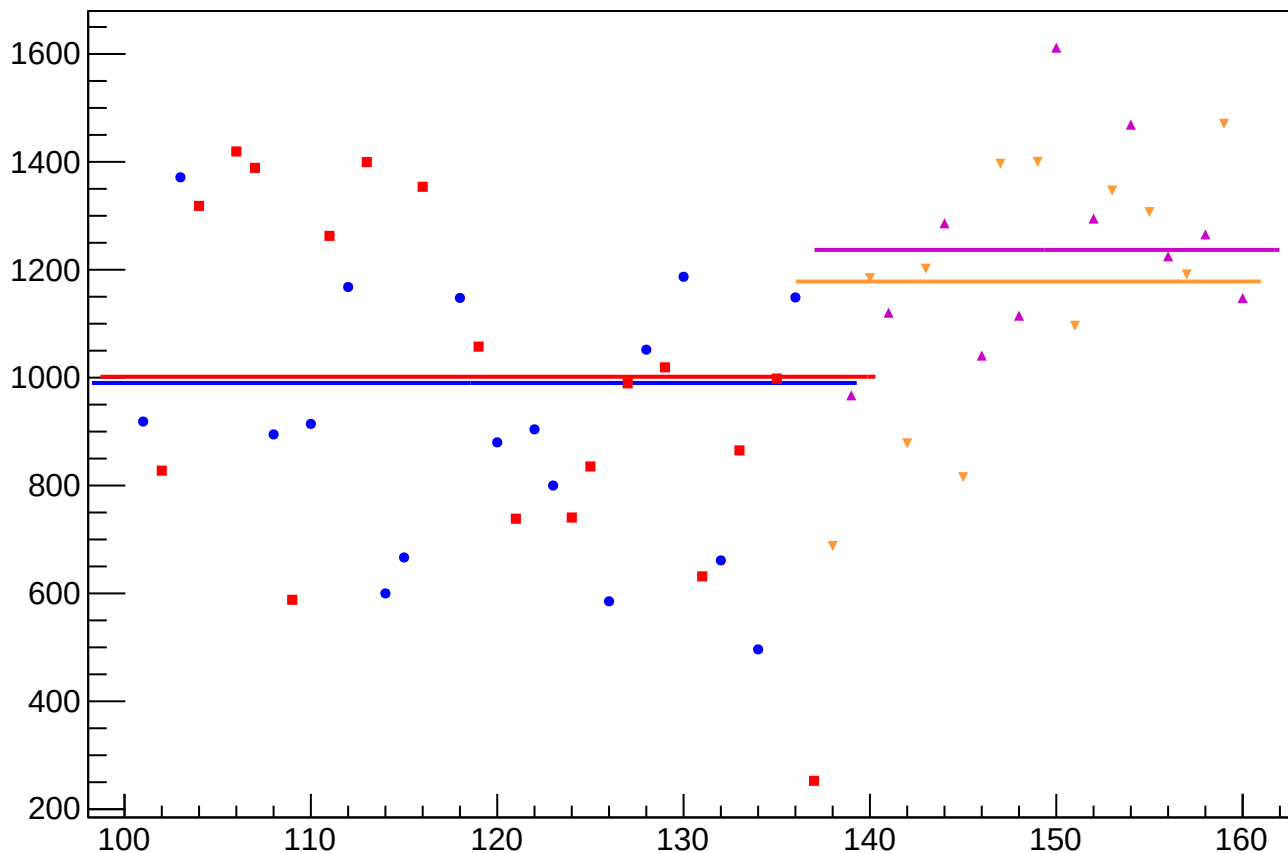
Left In: 2.161+/-0.000 χ^2/NDF : 138371088754302765080927377817600.0/10

+ sign 3.530+/-0.000 χ^2/NDF : 22988186376694934.0/11

All: 3.499+/-0.000 χ^2/NDF : 42359700854204.0/17

- sign 3.469+/-0.000 χ^2/NDF : 19368484032276007.0/11

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

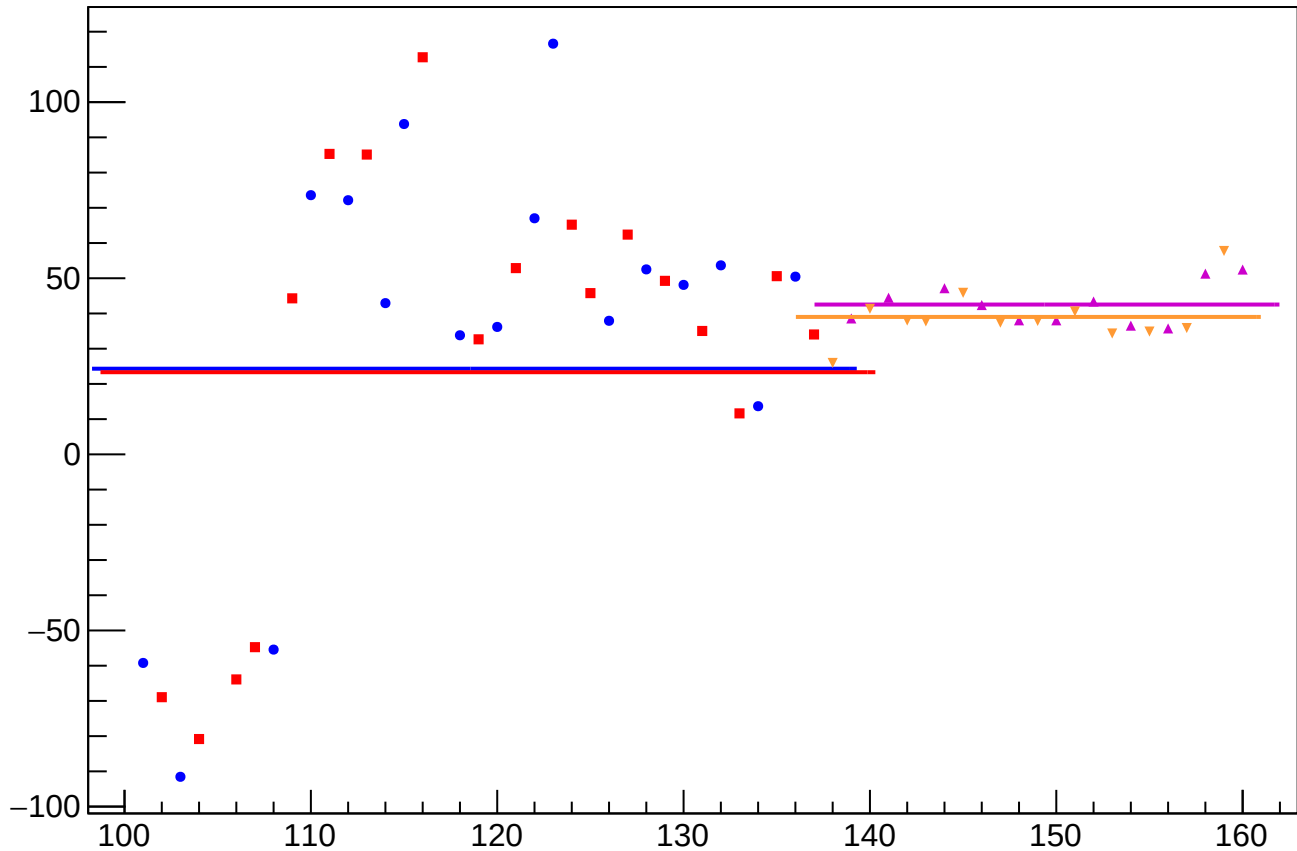
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

+ sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125

dit_4aY_coil6_mean vs Slug



Right In: 24.318 $\pm$ 0.000 χ^2 /NDF: 2002814634195538334157710520710332416.0/16

Left Out: 39.019 $\pm$ 0.000 χ^2 /NDF: 50102899546886796047994324336508928.0/11

Right Out: 23.323 $\pm$ 0.000 χ^2 /NDF: 2300287491781415748029178925971144704.0/17

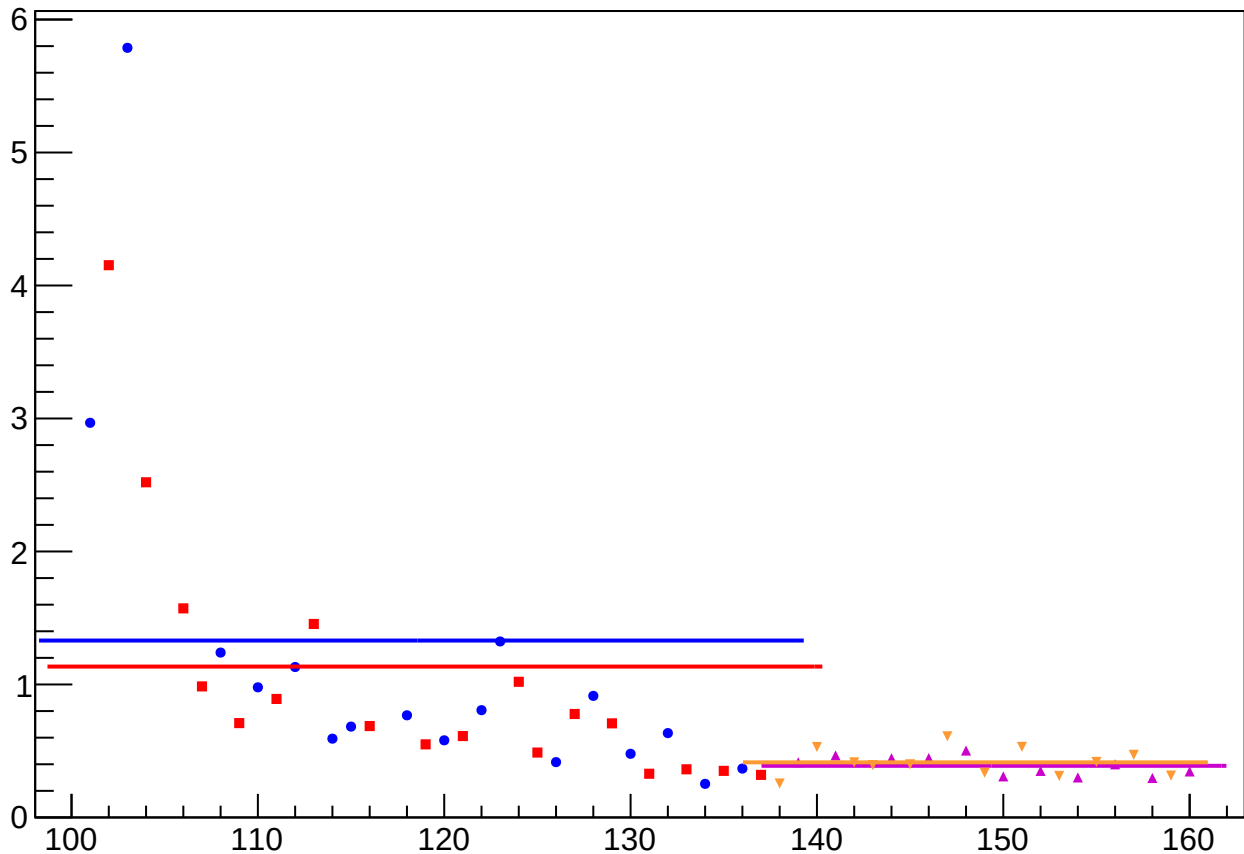
Left In: 42.534 $\pm$ 0.000 χ^2 /NDF: 28373028064789967113556541703192576.0/10

+ sign 32.655 $\pm$ 0.000 χ^2 /NDF: 2137967707580672

All: 33.438 $\pm$ 0.000 χ^2 /NDF: 4617966281278

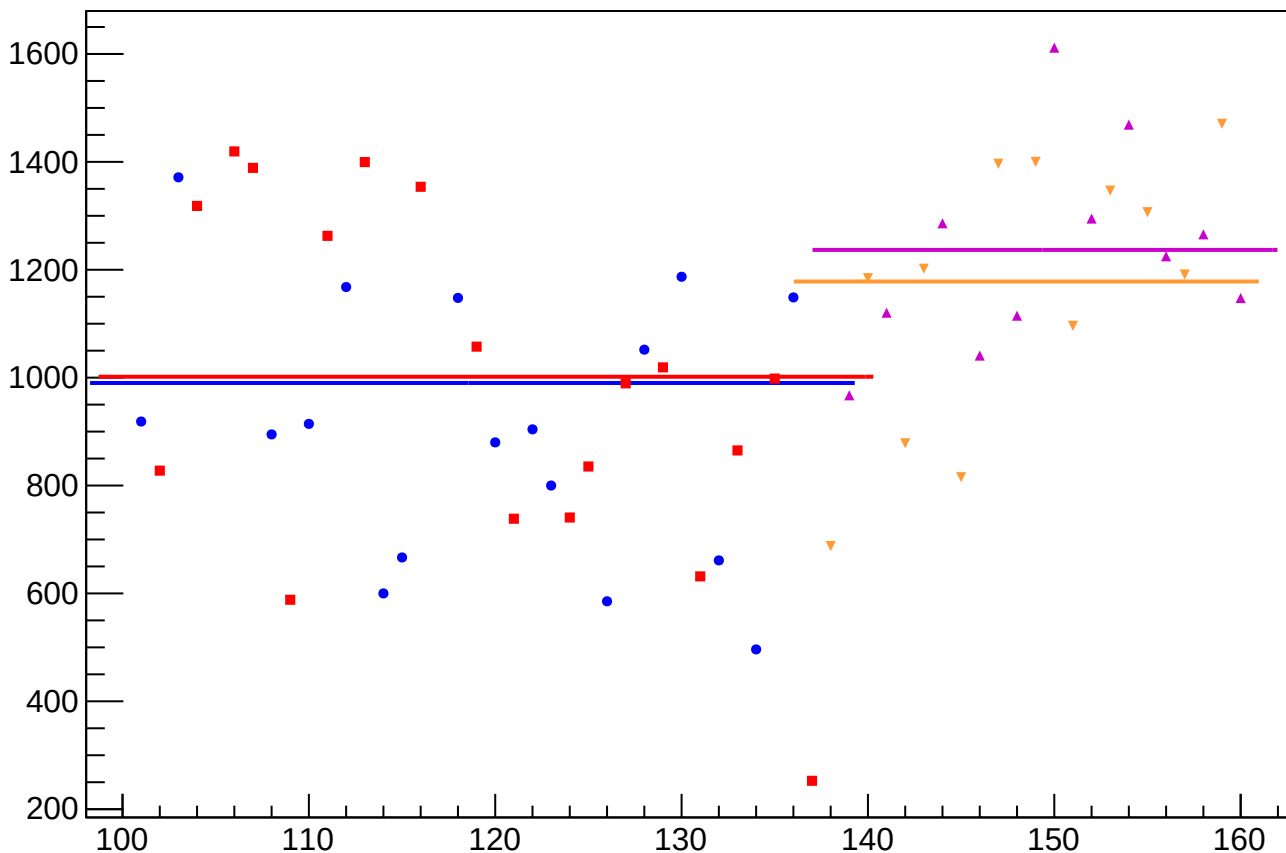
- sign 34.199 $\pm$ 0.000 χ^2 /NDF: 2478060660645890

dit_4aY_coil6_err_mean vs Slug



Right In: 1.330+/-0.000	χ^2/NDF : 1603106167275520107151234942631936.0/16	+ sign 0.811+/-0.000	χ^2/NDF : 19427863684681372
Left Out: 0.414+/-0.000	χ^2/NDF : 9567880309690591091908795170816.0/11	All: 0.761+/-0.000	χ^2/NDF : 29837870387158
Right Out: 1.135+/-0.000	χ^2/NDF : 803137408294494563054397652205568.0/17	- sign 0.712+/-0.000	χ^2/NDF : 10330720587516045
Left In: 0.388+/-0.000	χ^2/NDF : 4478292013674144747987763462144.0/10		

dit_4aY_coil6_Ndata_mean vs Slug



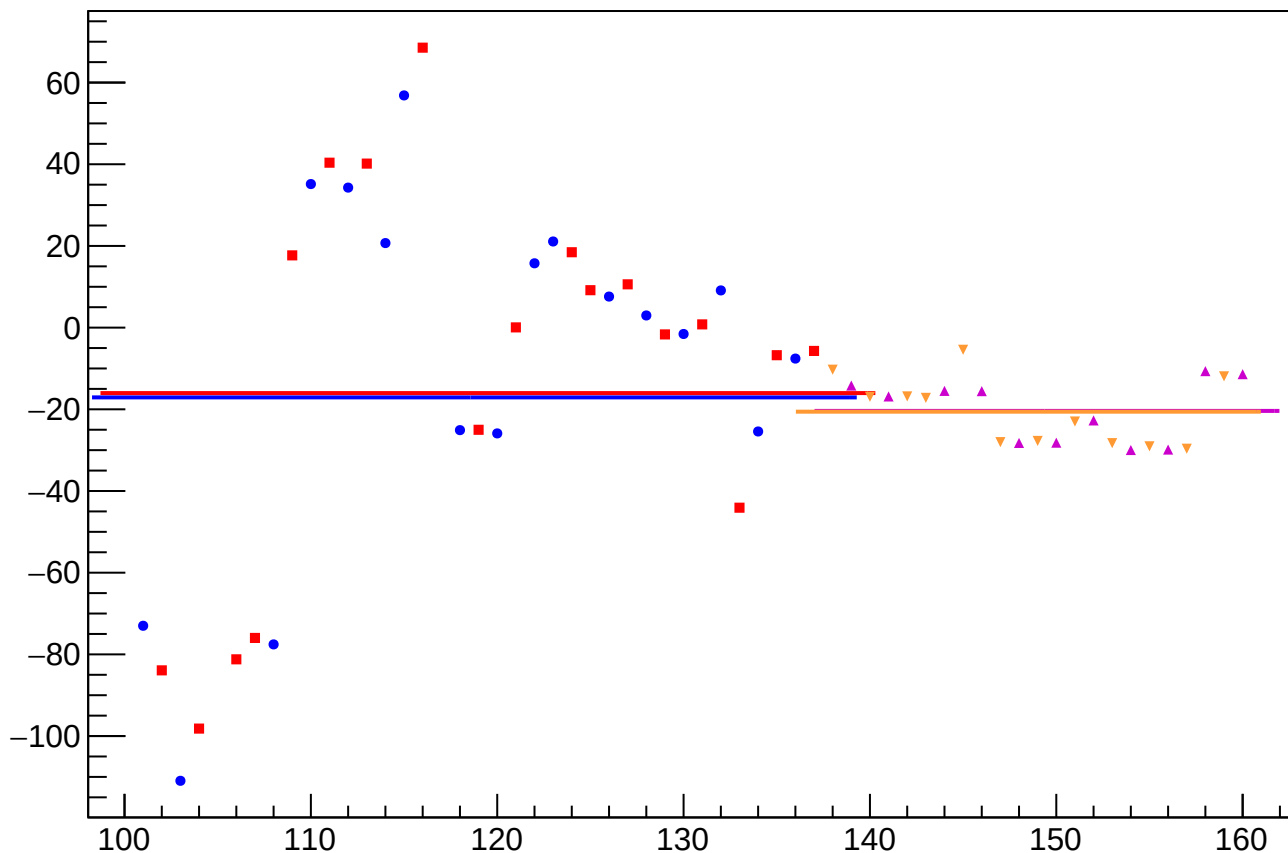
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_4eY_coil6_mean vs Slug



Right In: -17.080+/-0.000

χ^2/NDF : 1305852396524110552444351569704517632.0/16

Left Out: -20.578+/-0.000

+ sign -19.064+/-0.000 χ^2/NDF : 137130924421391

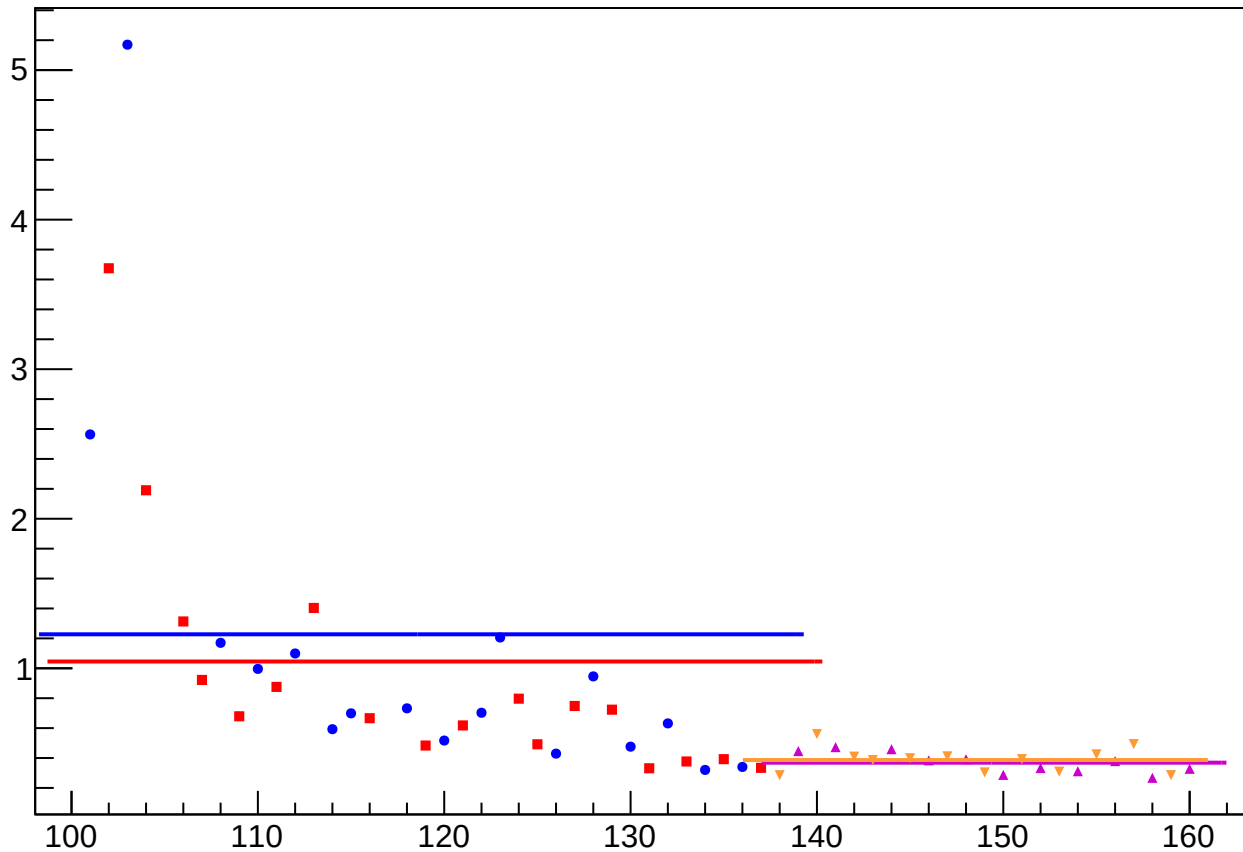
Right Out: -16.026+/-0.000

All: -18.777+/-0.000 χ^2/NDF : 297248161358

Left In: -20.391+/-0.000

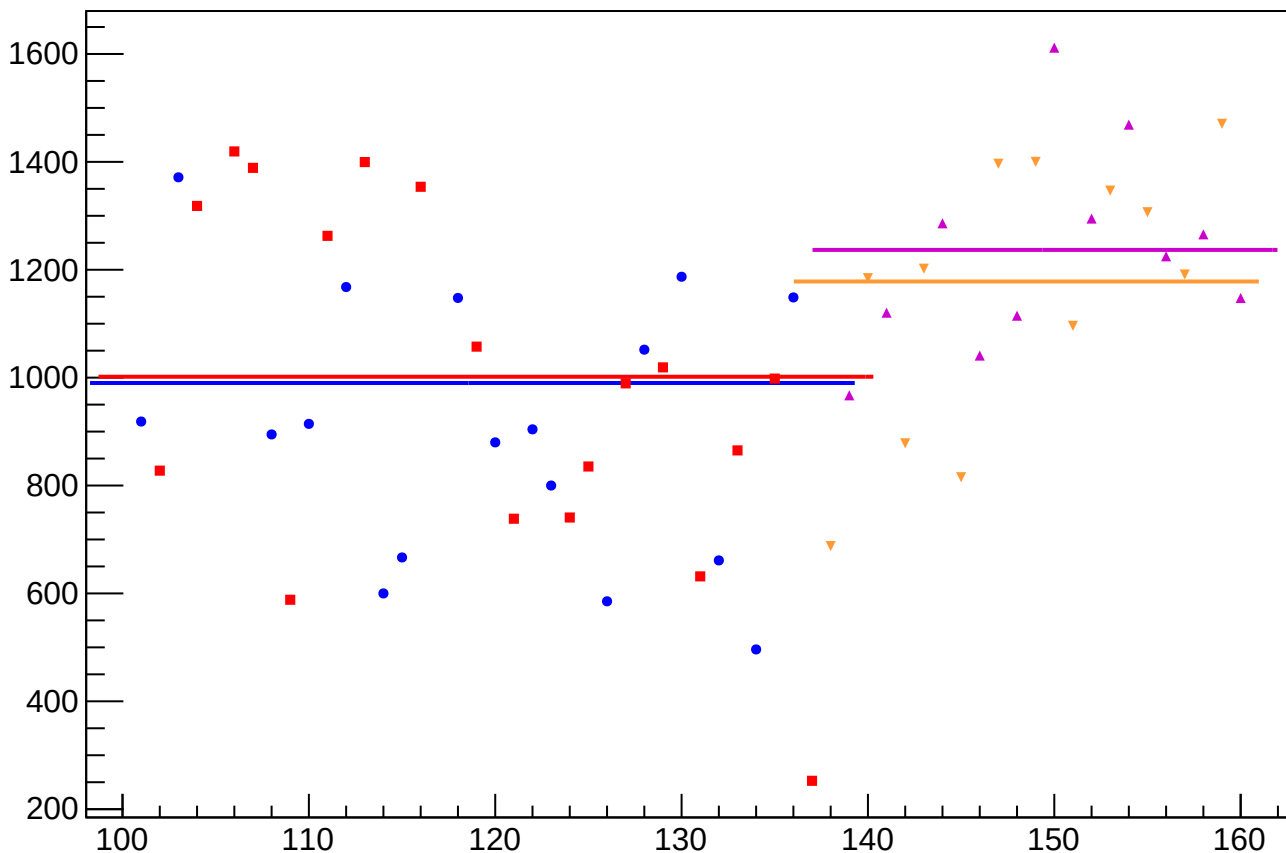
- sign -18.497+/-0.000 χ^2/NDF : 1600911922183748

dit_4eY_coil6_err_mean vs Slug



Right In: 1.227 ± 0.000 χ^2/NDF : 1236268785411842731770087408140288.0/16
 Left Out: 0.386 ± 0.000 χ^2/NDF : 6218656899307774549221745623040.0/11
 Right Out: 1.045 ± 0.000 χ^2/NDF : 600057841416365938926945245855744.0/17
 Left In: 0.369 ± 0.000 χ^2/NDF : 4180194840459374093507993010176.0/10

dit_4eY_coil6_Ndata_mean vs Slug



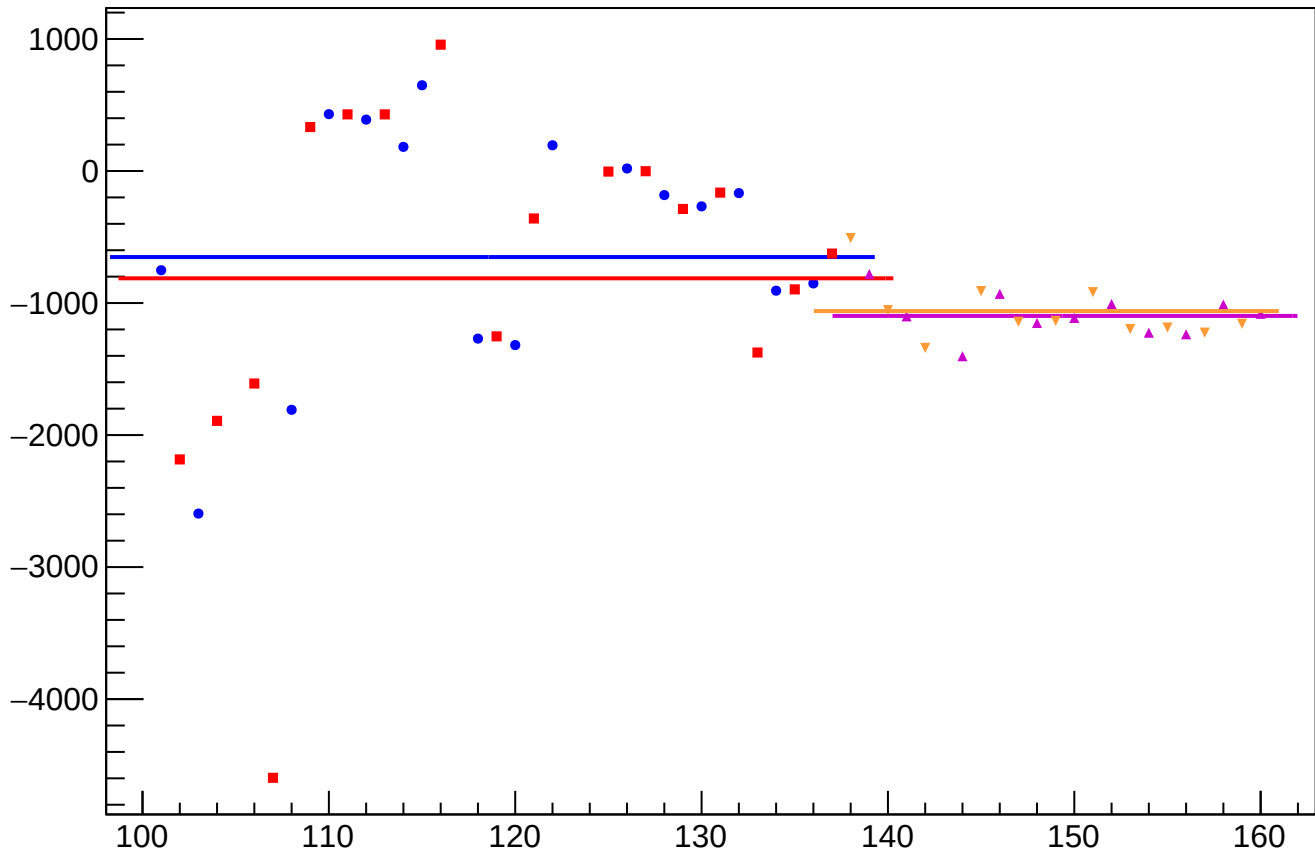
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

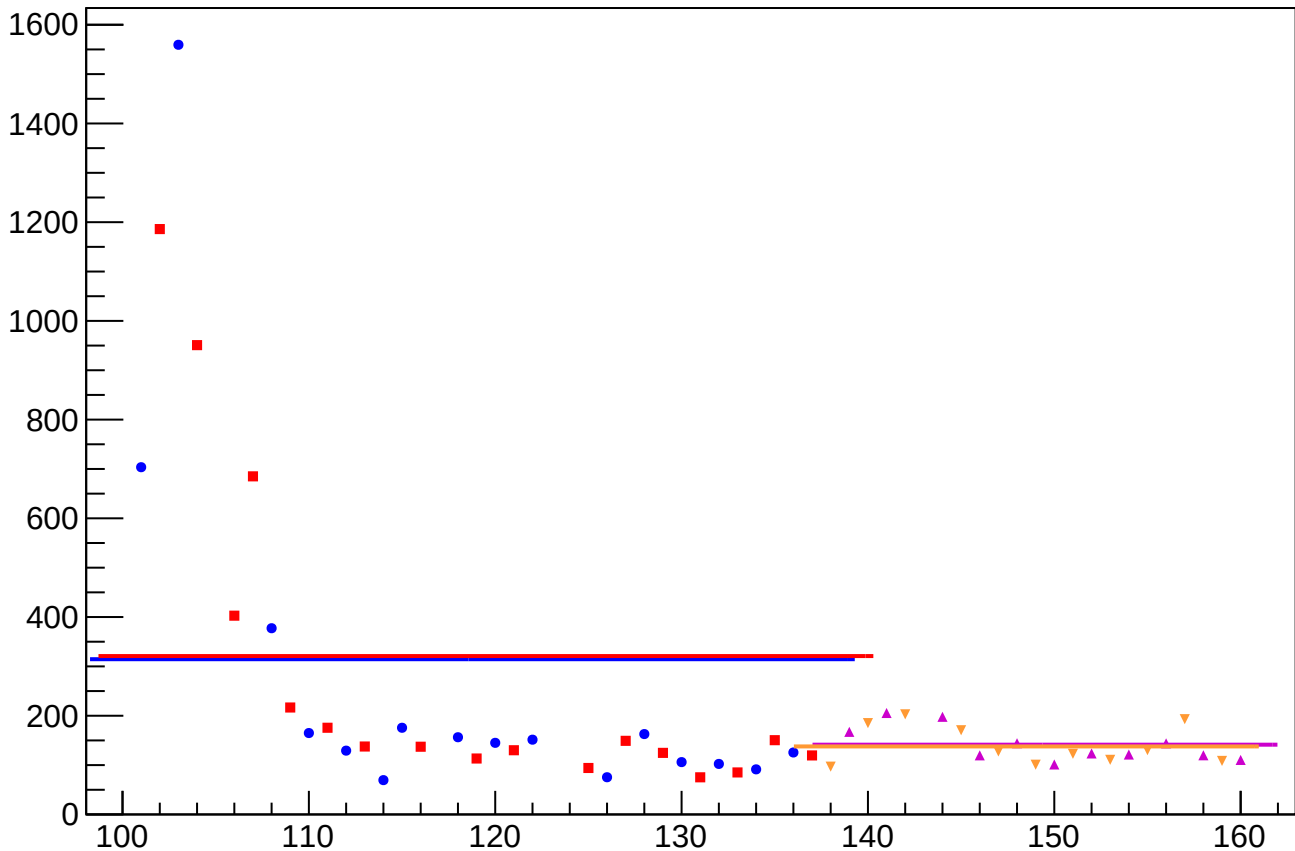
dit_usl_coil6_mean vs Slug



Right In: -651.720+/-0.000	χ^2/NDF : 515253429514141170908240824492993019904.0/15
Left Out: -1060.938+/-0.000	χ^2/NDF : 37316934369897173476470226506953523200.0/10
Right Out: -812.763+/-0.000	χ^2/NDF : 1101460876390641458322598423370785619968.0/16
Left In: -1097.494+/-0.000	χ^2/NDF : 23351400853511431173682229401488457728.0/10

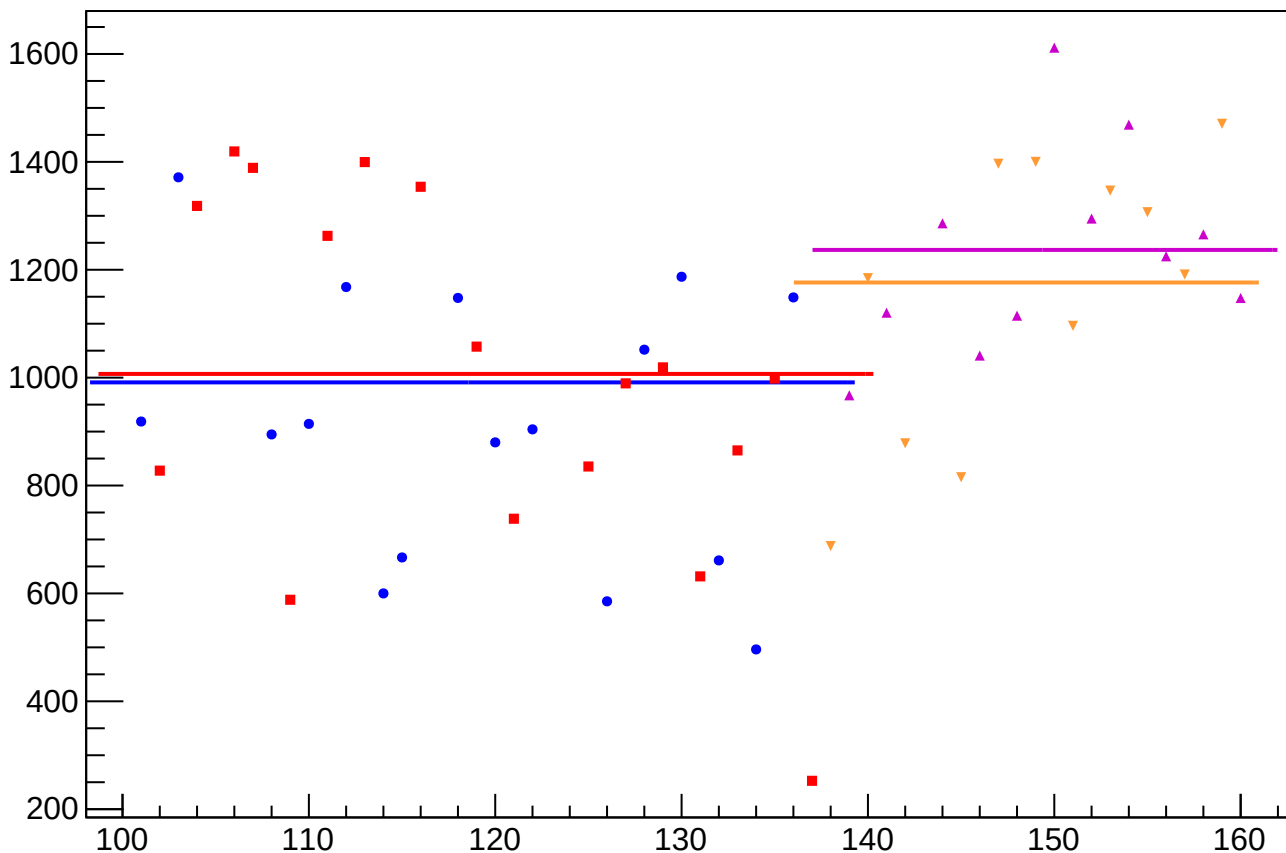
+ sign -876.630+/-0.000 χ^2/NDF : 61607579829716
 All: -927.576+/-0.000 χ^2/NDF : 17810428364
 - sign -975.342+/-0.000 χ^2/NDF : 11572625882504

dit_usl_coil6_err_mean vs Slug



Right In: 314.545+/-0.000 χ^2/NDF : 119237374869722274381627978354572394496.0/15
 Left Out: 137.826+/-0.000 χ^2/NDF : 1094456190127485878958561813734621184.0/10
 Right Out: 320.904+/-0.000 χ^2/NDF : 87674109079535670450798871539758399488.0/16
 Left In: 141.362+/-0.000 χ^2/NDF : 1055012585821780249716984846873526272.0/10

dit_usl_coil6_Ndata_mean vs Slug



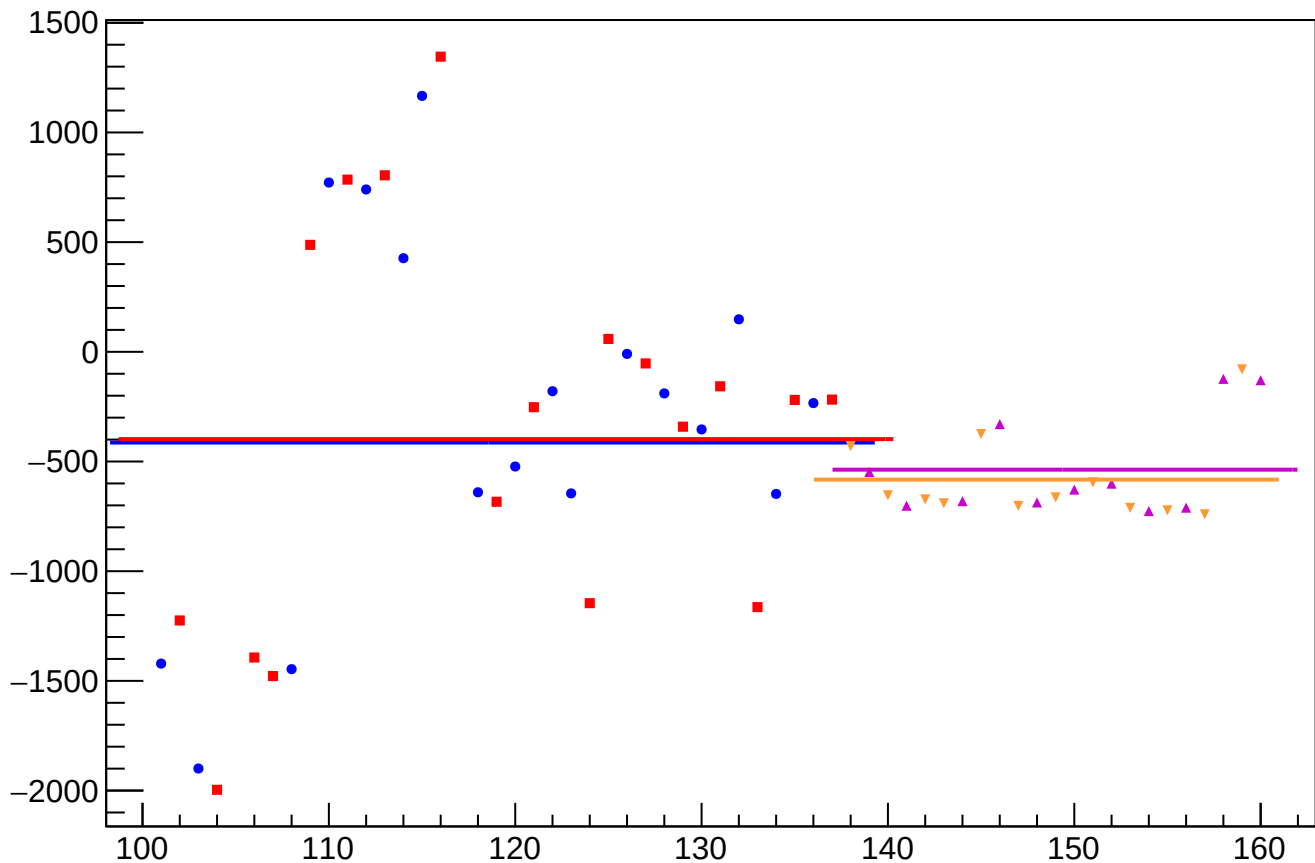
Right In: 991.206+/-0.000 χ^2/NDF : 36748853080147814133782972147039207424.0/15

Left Out: 1176.365+/-0.000 χ^2/NDF : 52126967778678264824660469189129011200.0/10

Right Out: 1006.896+/-0.000 χ^2/NDF : 60379057385364851969891575322776698880.0/16

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

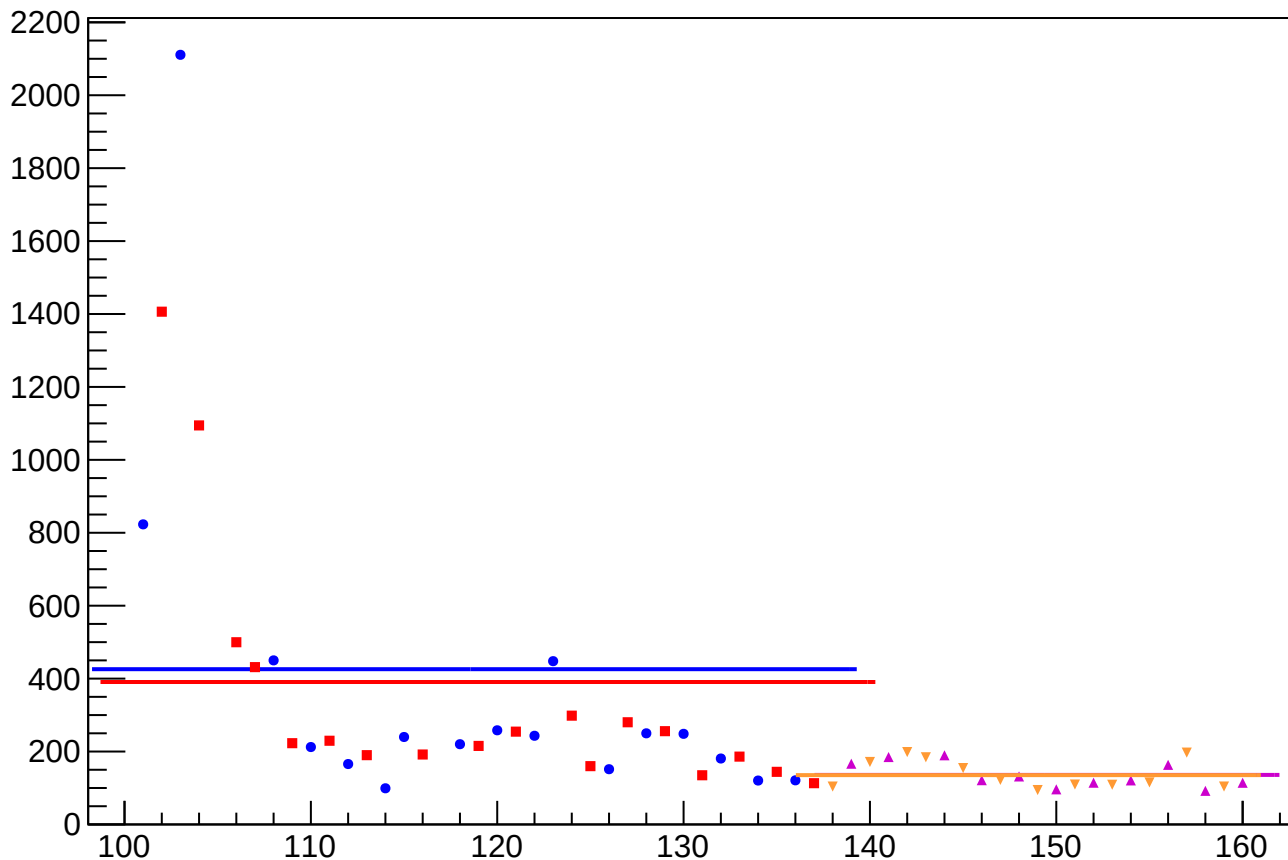
dit_usr_coil6_mean vs Slug



Right In: -413.418+/-0.000	χ^2/NDF : 416661262936725907024907175037323182080.0/16
Left Out: -582.459+/-0.000	χ^2/NDF : 33467960128357815096221409884680224768.0/11
Right Out: -397.961+/-0.000	χ^2/NDF : 544622124437292502497528454351499034624.0/17
Left In: -537.163+/-0.000	χ^2/NDF : 43957458836517899124048676659035897856.0/10

+ sign -509.274+/-0.000 χ^2/NDF : 46137454521581
 All: -492.797+/-0.000 χ^2/NDF : 10586564487
 - sign -476.769+/-0.000 χ^2/NDF : 596423297831722

dit_usr_coil6_err_mean vs Slug



Right In: 425.847+/-0.000 χ^2/NDF : 207036344088227618256858466697210757120.0/16

Left Out: 135.302+/-0.000 χ^2/NDF : 1213972117724638790045949459626459136.0/11

Right Out: 390.709+/-0.000 χ^2/NDF : 105177402148385851360915440950786916352.0/17

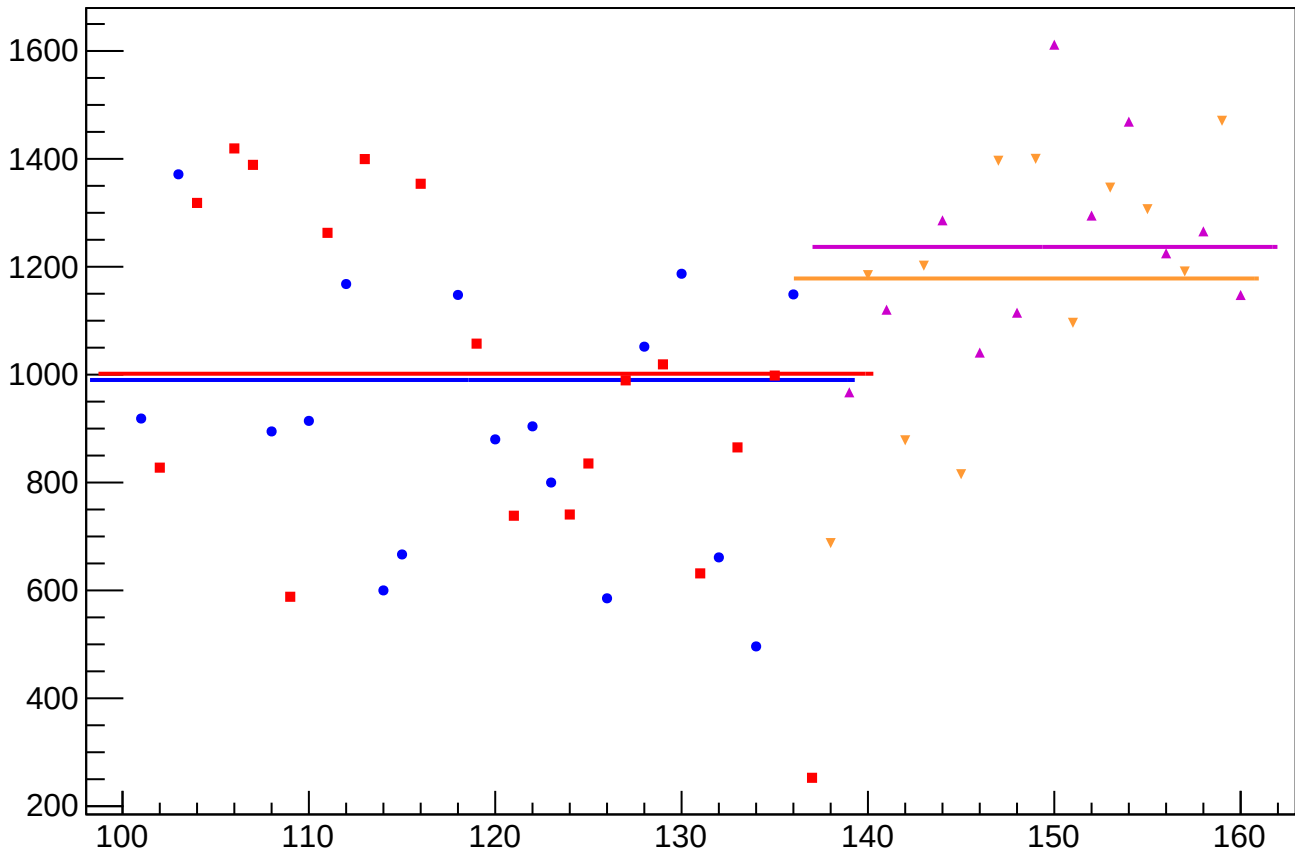
Left In: 135.877+/-0.000 χ^2/NDF : 1013407653524592727671386529217904640.0/10

+ sign 261.090+/-0.000 χ^2/NDF : 241471538230727

All: 253.663+/-0.000 χ^2/NDF : 374123627315

- sign 246.438+/-0.000 χ^2/NDF : 132477635867961

dit_usr_coil6_Ndata_mean vs Slug



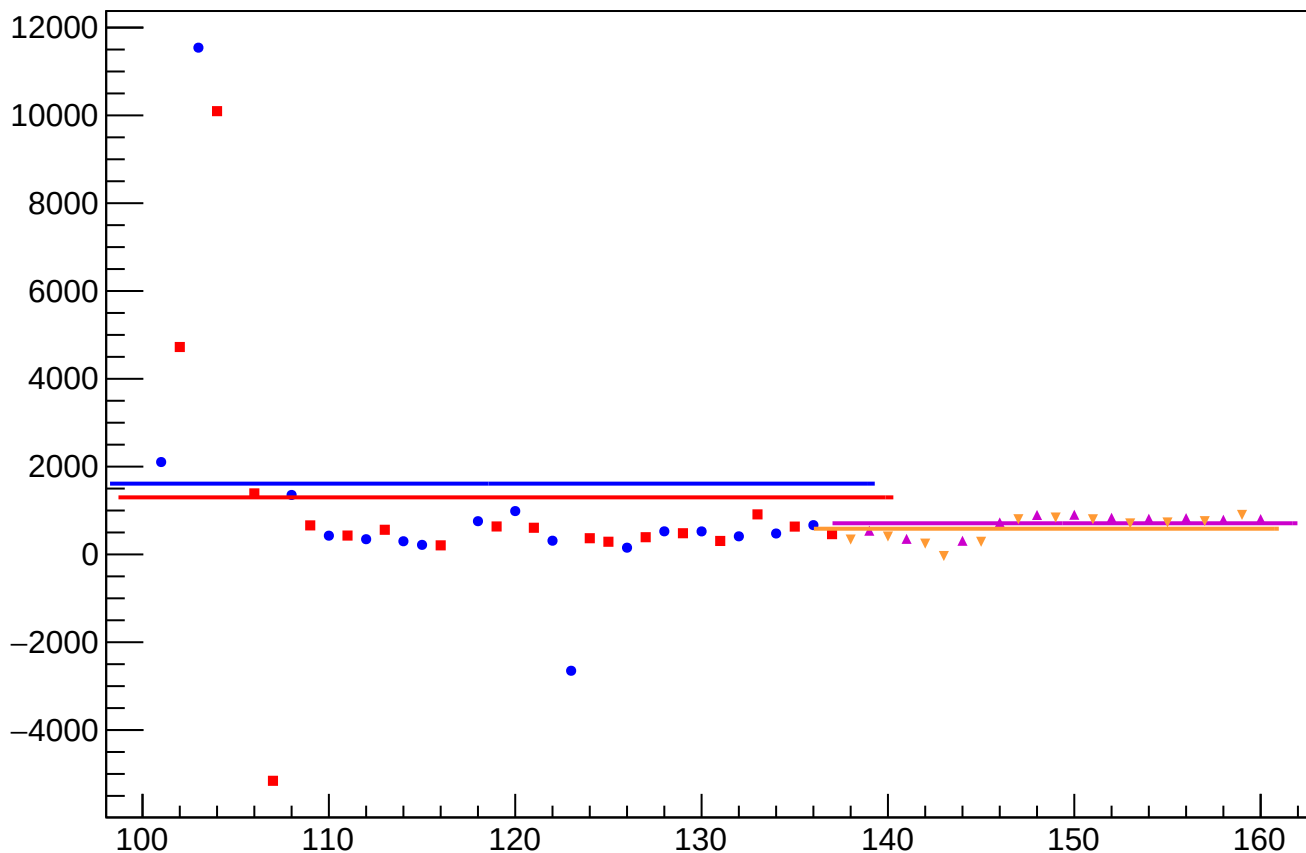
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11
 + sign 1096.796+/-0.000 χ^2/NDF : 10299336032606

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 All: 1116.055+/-0.000 χ^2/NDF : 21820107896

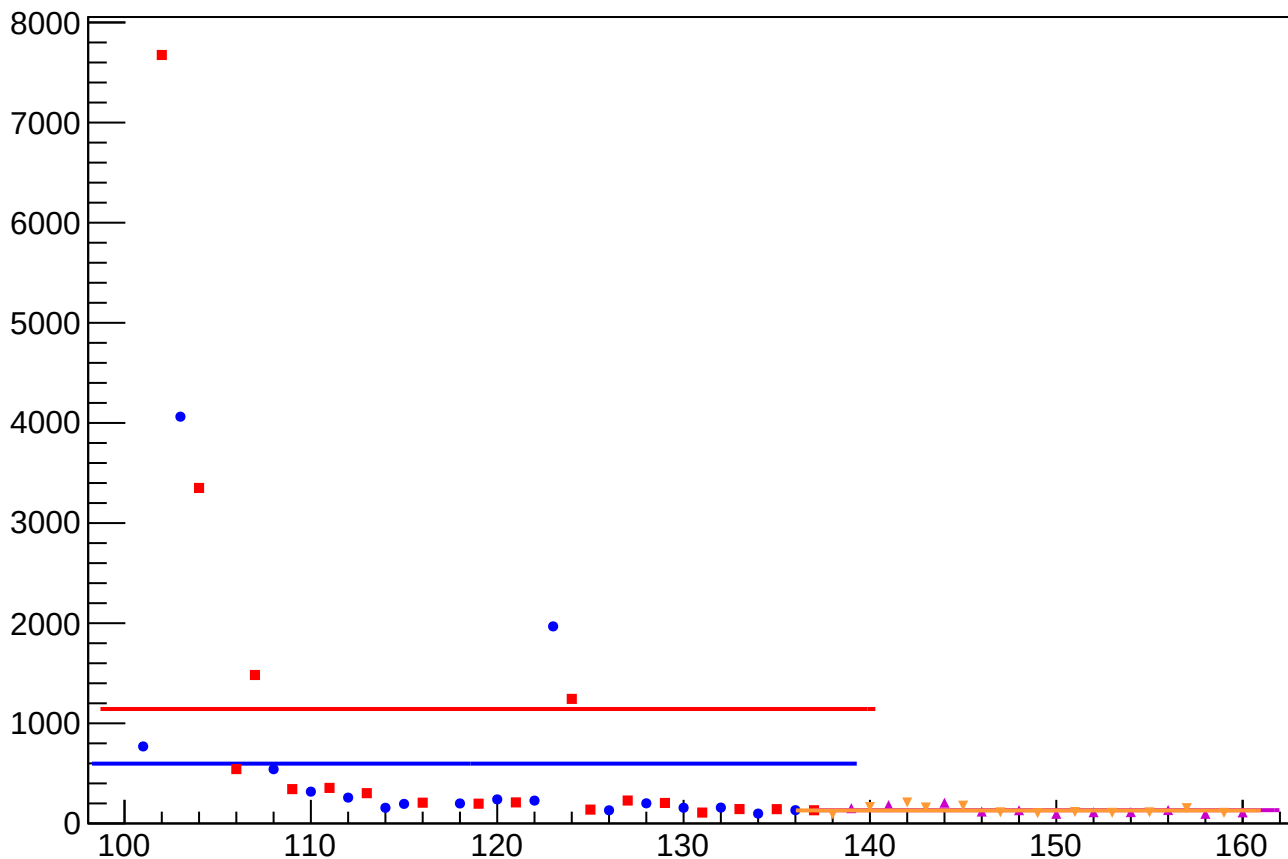
- sign 1134.788+/-0.000 χ^2/NDF : 11403481288125
 Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atl1_coil6_mean vs Slug



Right In: 1612.346+/-0.000 χ^2/NDF : 6578565632222822389389916952029424517120.0/16
 Left Out: 585.355+/-0.000 χ^2/NDF : 71064130905944539858639816600462557184.0/11
 Right Out: 1299.611+/-0.000 χ^2/NDF : 6468181068576271058681439598083982753792.0/17
 Left In: 709.552+/-0.000 χ^2/NDF : 3832488724282383367835539132322414592.0/10
 All: 997.321+/-0.000 χ^2/NDF : 137155163833
 + sign 1029.979+/-0.000 χ^2/NDF : 70647019956652
 - sign 965.555+/-0.000 χ^2/NDF : 664744176785799

dit_atl1_coil6_err_mean vs Slug



Right In: 597.382+/-0.000 χ^2/NDF : 808468639420281882930484113186400239616.0/16

Left Out: 130.051+/-0.000 χ^2/NDF : 1012152339815276325722639516246736896.0/11

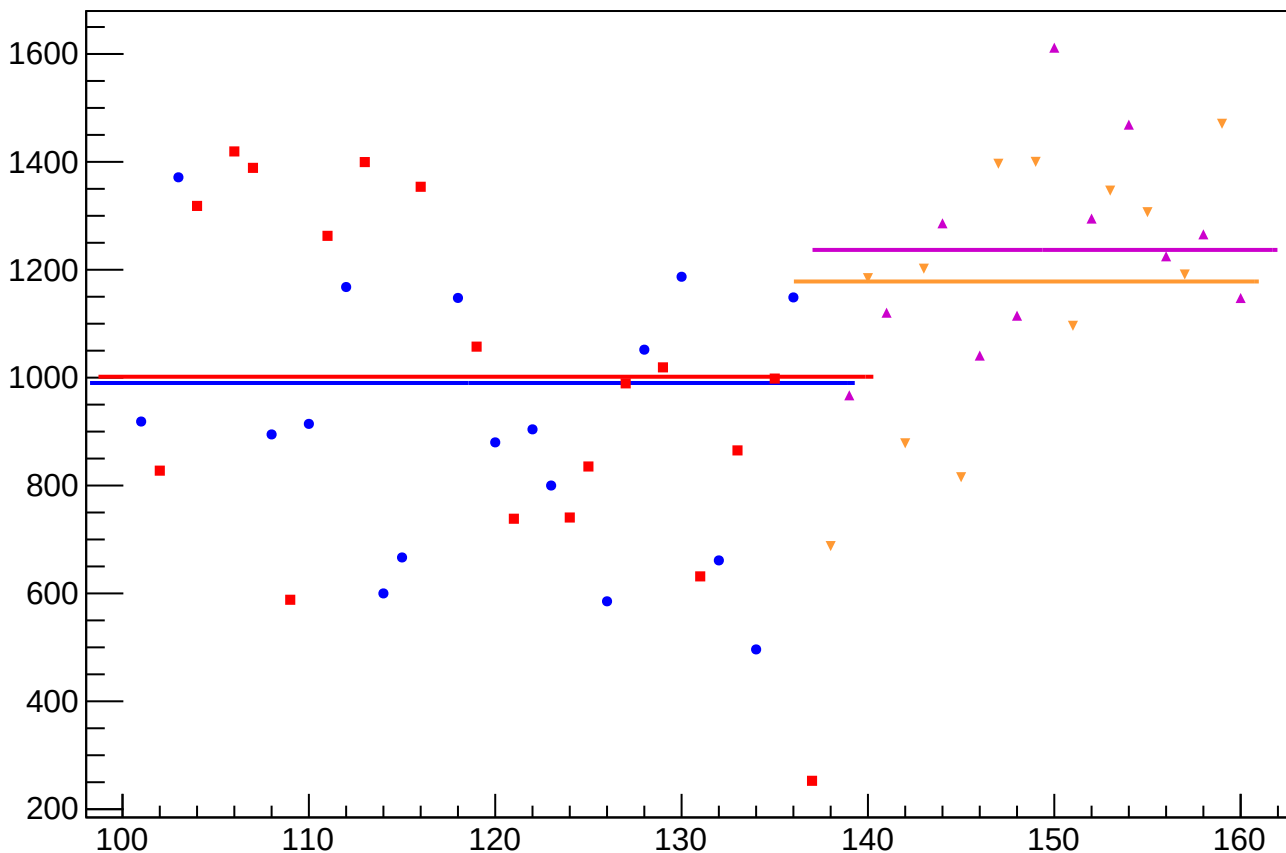
Right Out: 1143.180+/-0.000 χ^2/NDF : 3192644561132334907368616853810301632512.0/17

Left In: 132.683+/-0.000 χ^2/NDF : 1095069941425855295085560512768901120.0/10

All: 453.389+/-0.000 χ^2/NDF : 454881016948

- sign 571.097+/-0.000 χ^2/NDF : 360707299311635

dit_atl1_coil6_Ndata_mean vs Slug



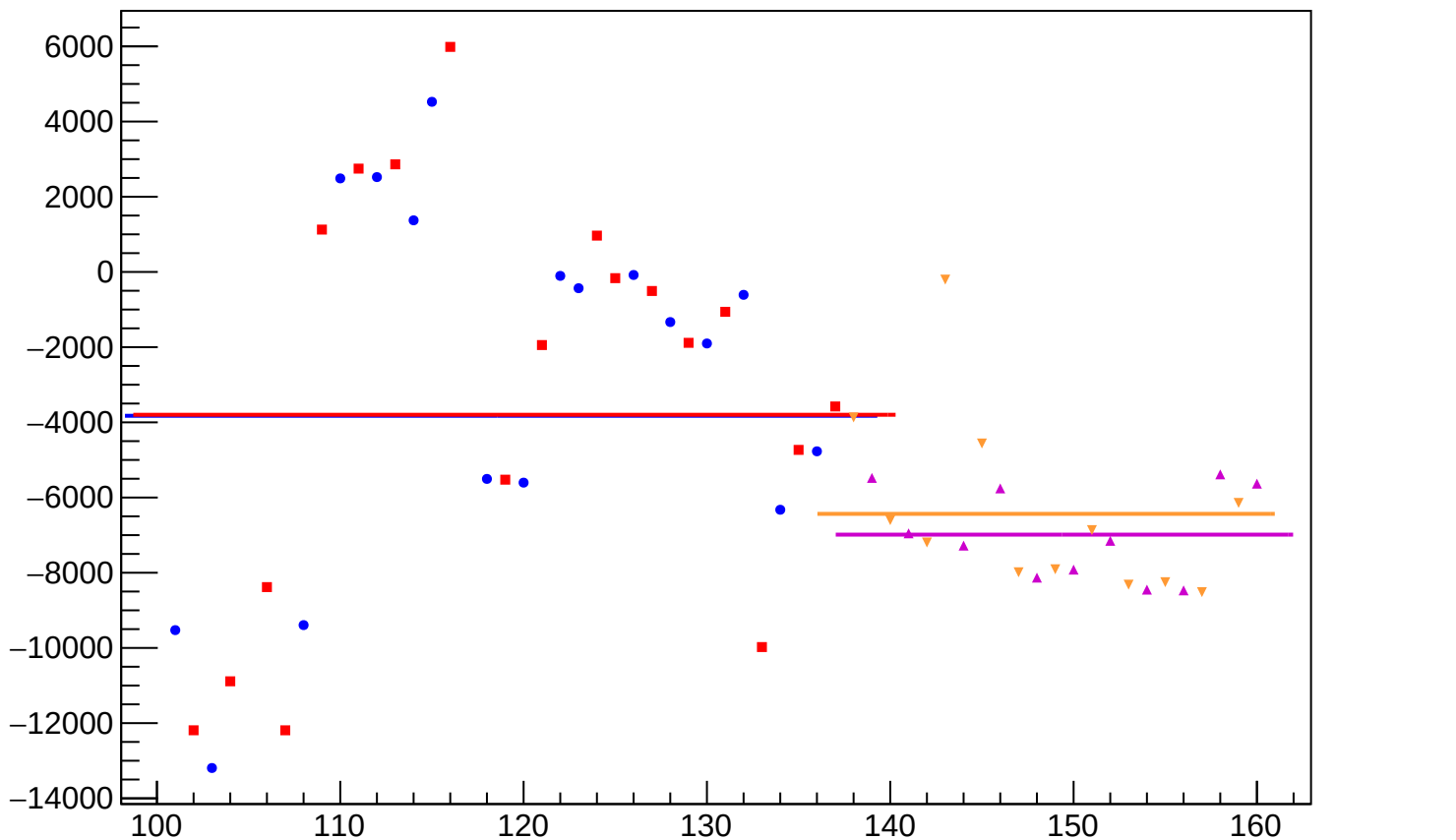
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

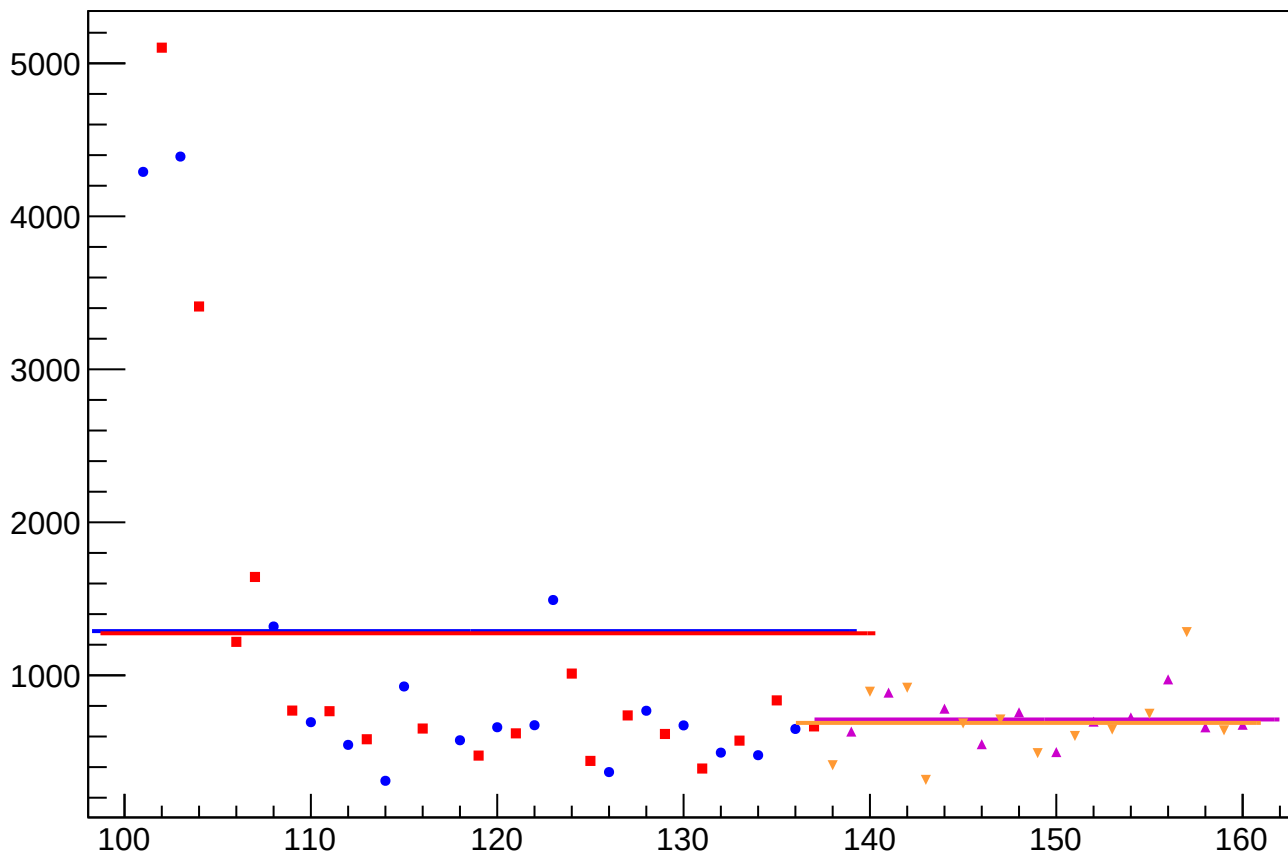
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_atl2_coil6_mean vs Slug



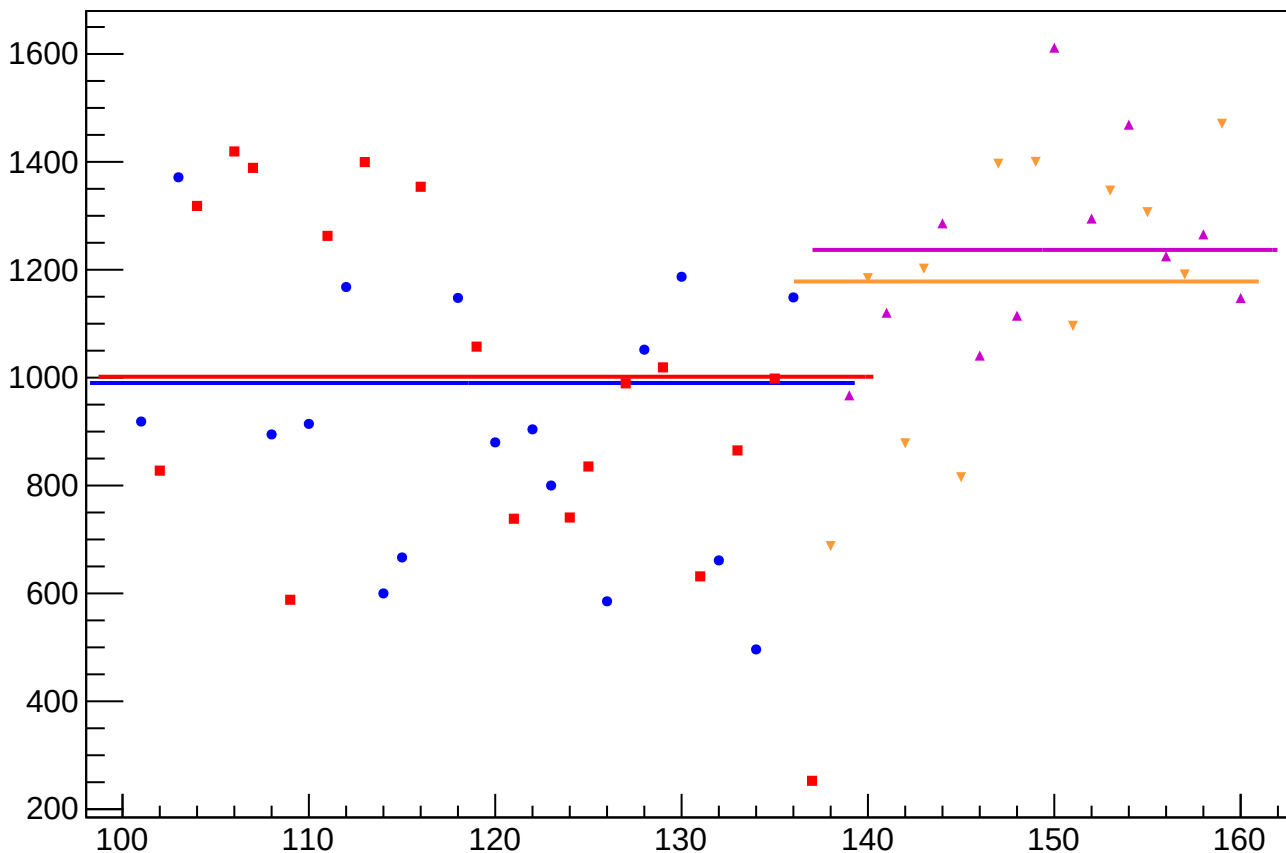
Right In: -3825.392+/-0.000 χ^2/NDF : 15445294605440071214640081166471362772992.0/16
 Left Out: -6434.104+/-0.000 χ^2/NDF : 4694104378818420456134132299517770334208.0/11
 Right Out: -3798.528+/-0.000 χ^2/NDF : 21131316959829635023813459777790997954560.0/17
 Left In: -6986.598+/-0.000 χ^2/NDF : 1235548818628101724226564744951120265216.0/10

dit_atl2_coil6_err_mean vs Slug



Right In: 1288.972 $\pm$ 0.000 χ^2 /NDF: 1352910763882575479104094227028785496064.0/16
 Left Out: 689.077 $\pm$ 0.000 χ^2 /NDF: 51672387047118863079417001056116146176.0/11
 Right Out: 1274.734 $\pm$ 0.000 χ^2 /NDF: 1316265489507064730168544372361657319424.0/17
 Left In: 711.332 $\pm$ 0.000 χ^2 /NDF: 15887933249894385970628581231809265664.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

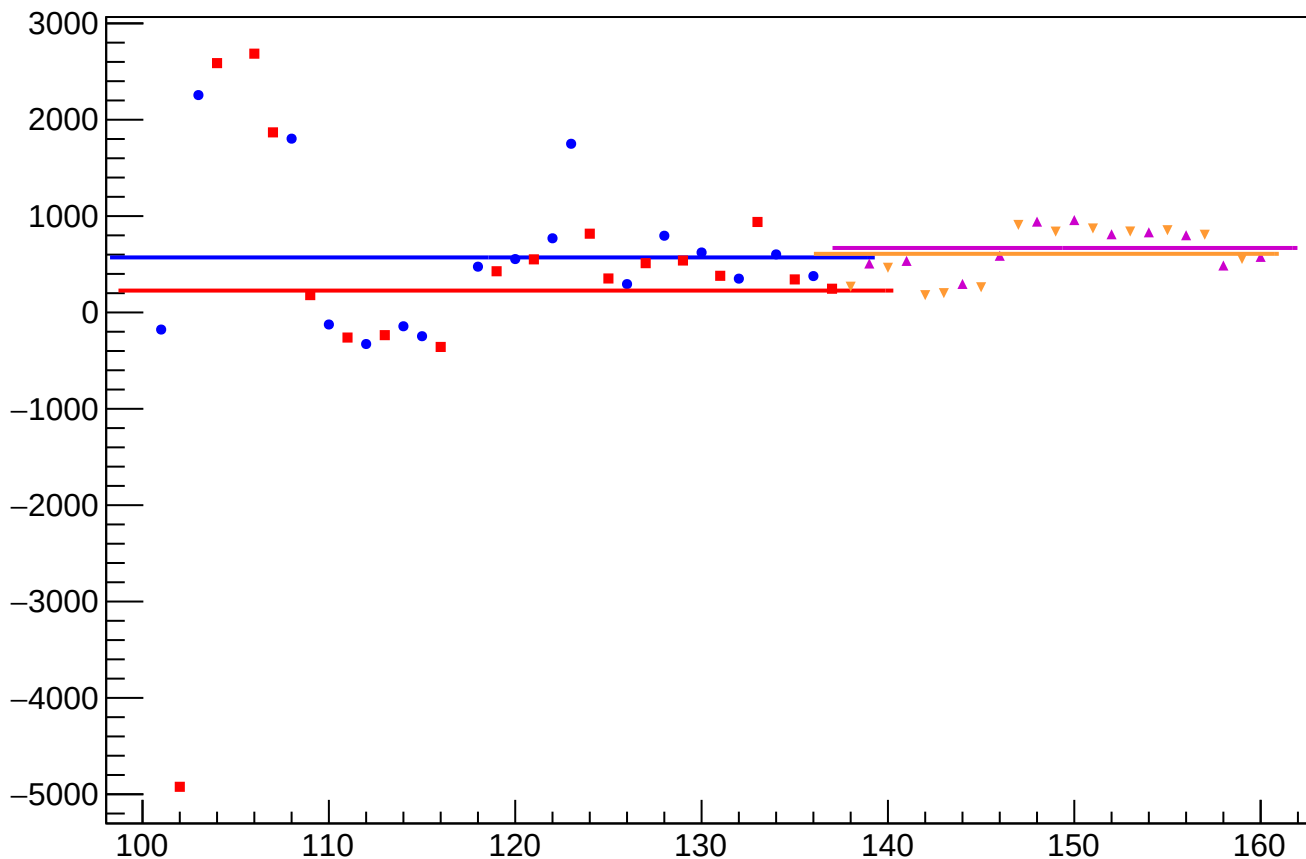
Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

All: 1116.055+/-0.000 χ^2/NDF : 21820107896

dit_atr1_coil6_mean vs Slug



Right In: 571.105+/-0.000 χ^2/NDF : 348676559810482432881112105158952615936.0/16

Left Out: 608.402+/-0.000 χ^2/NDF : 69117421342453825845201605751792992256.0/11

Right Out: 227.021+/-0.000 χ^2/NDF : 2178465037537899335461890002061994491904.0/17

Left In: 669.223+/-0.000 χ^2/NDF : 39382312244115775396192244581527453696.0/10

+ sign 592.255+/-0.000 χ^2/NDF : 418341440633097

All: 534.017+/-0.000 χ^2/NDF : 272606756972

- sign 477.370+/-0.000 χ^2/NDF : 229700106899621

dit_atr1_coil6_err_mean vs Slug



Right In: 519.063+/-0.000 χ^2/NDF : 420187131793740379632134790837132328960.0/16

Left Out: 143.116+/-0.000 χ^2/NDF : 711290210266154833943358309092294656.0/11

Right Out: 816.445+/-0.000 χ^2/NDF : 2586841774338234136799977462346624794624.0/17

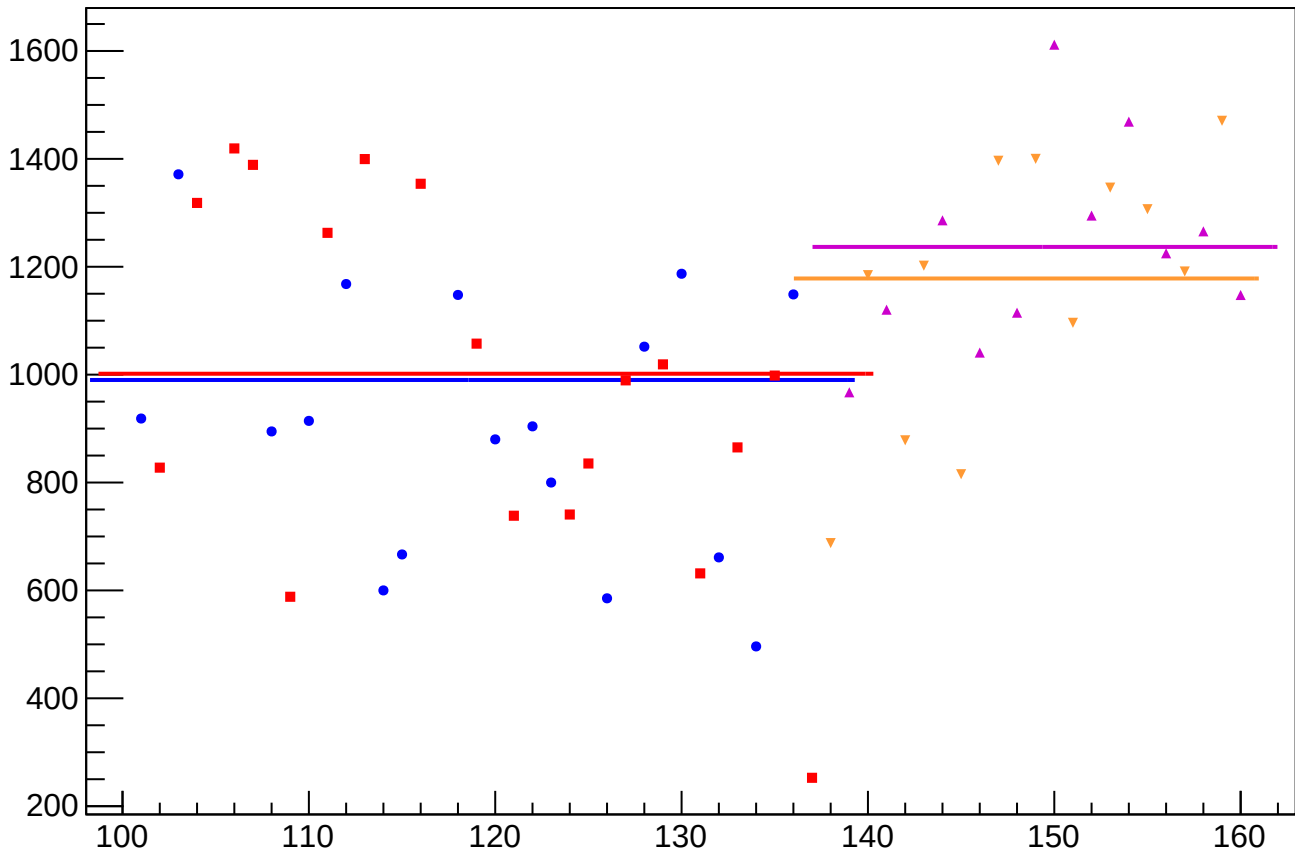
Left In: 145.264+/-0.000 χ^2/NDF : 787451488433589165323793528208228352.0/10

+ sign 305.878+/-0.000 χ^2/NDF : 476519959968556

All: 372.074+/-0.000 χ^2/NDF : 326035729536

- sign 436.462+/-0.000 χ^2/NDF : 276998079059233

dit_atr1_coil6_Ndata_mean vs Slug



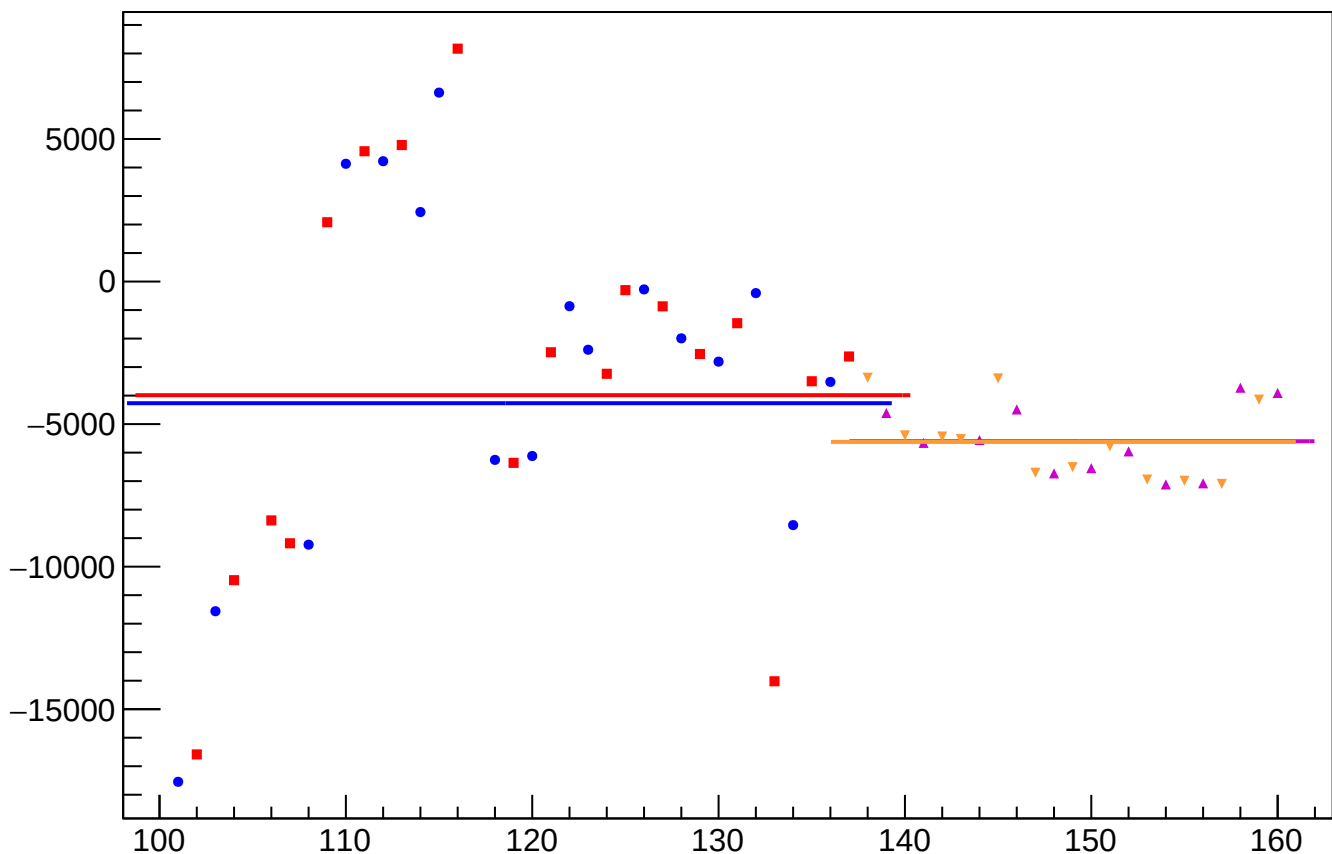
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

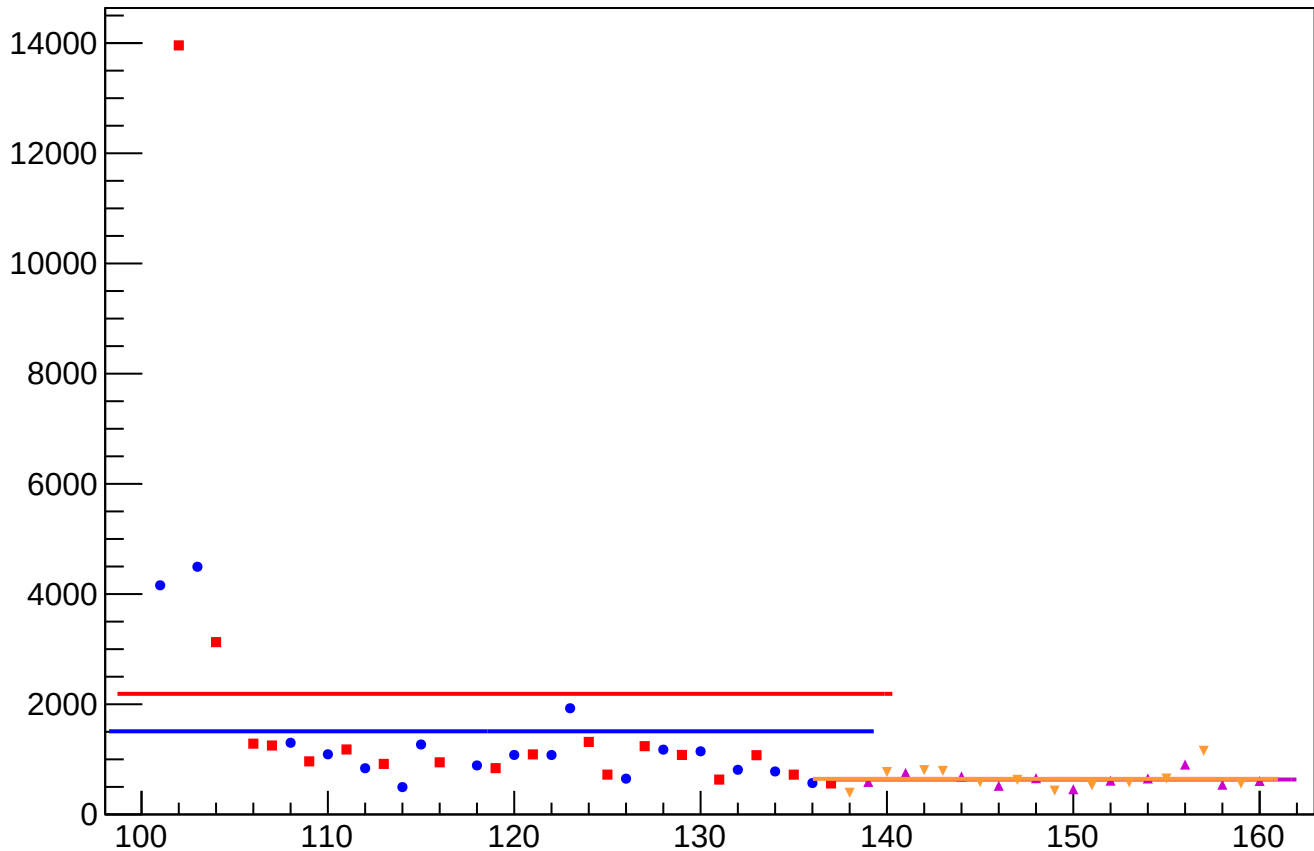
dit_atr2_coil6_mean vs Slug



Right In: -4266.932+/-0.000	χ^2/NDF : 25403959108162984315551486343624496513024.0/16
Left Out: -5623.118+/-0.000	χ^2/NDF : 1581209031874296874377039249105372577792.0/11
Right Out: -3985.866+/-0.000	χ^2/NDF : 31378292211366162940134938718336985333760.0/17
Left In: -5600.969+/-0.000	χ^2/NDF : 1284033803057879693677598537255558840320.0/10

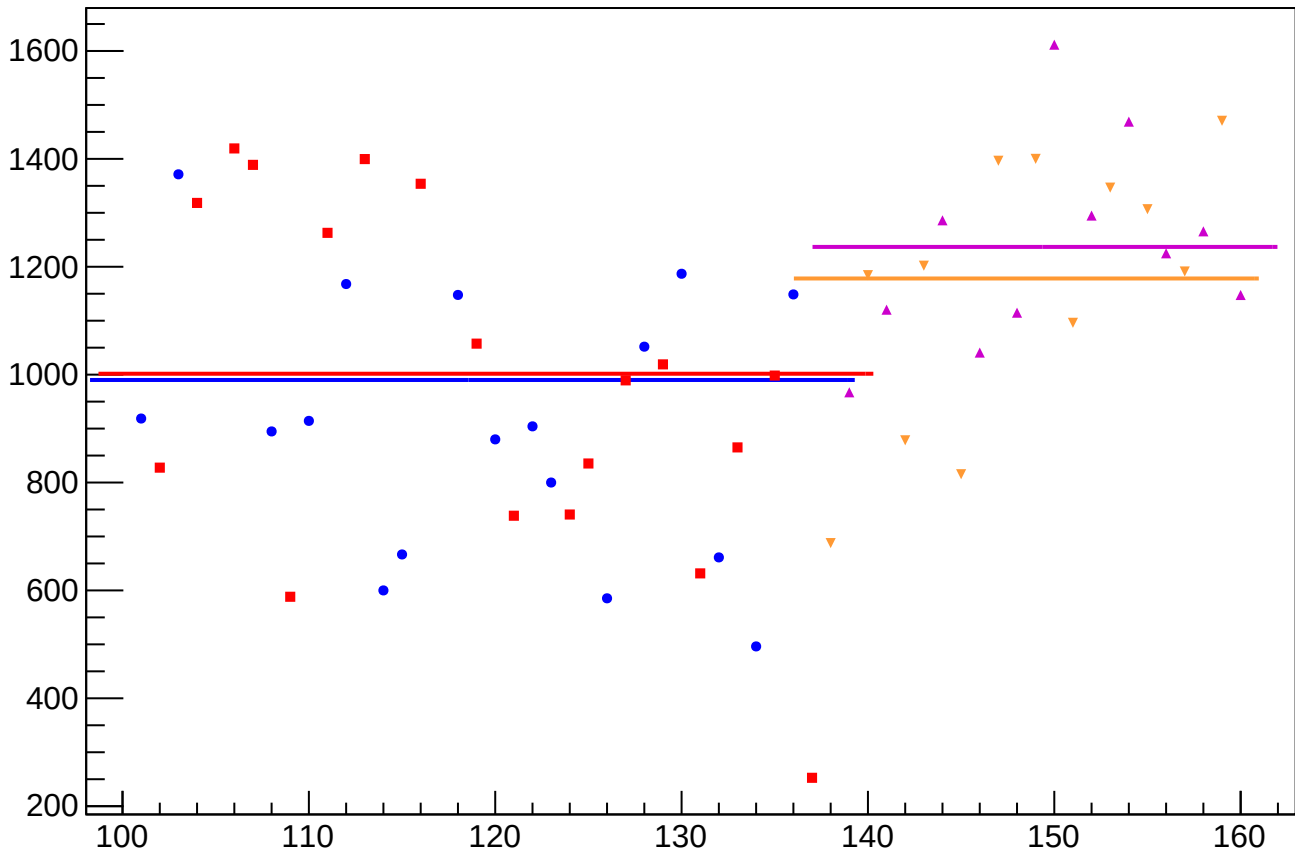
+ sign -5035.973+/-0.000 χ^2/NDF : 2770898483236
 All: -4967.168+/-0.000 χ^2/NDF : 6144220121
 - sign -4900.242+/-0.000 χ^2/NDF : 33718245922920

dit_atr2_coil6_err_mean vs Slug



Right In: 1509.121+/-0.000 χ^2/NDF : 1169972089698319936649693761541425332224.0/16
 Left Out: 646.174+/-0.000 χ^2/NDF : 34105781677425395538056373827956375552.0/11
 Right Out: 2189.301+/-0.000 χ^2/NDF : 8986539063289018670432989988372162281472.0/17
 Left In: 634.343+/-0.000 χ^2/NDF : 12312915107383873124917312703313215488.0/10
 All: 1166.378+/-0.000 χ^2/NDF : 11542693774
 + sign 1019.777+/-0.000 χ^2/NDF : 14971387760203
 - sign 1308.976+/-0.000 χ^2/NDF : 99775926778021

dit_atr2_coil6_Ndata_mean vs Slug



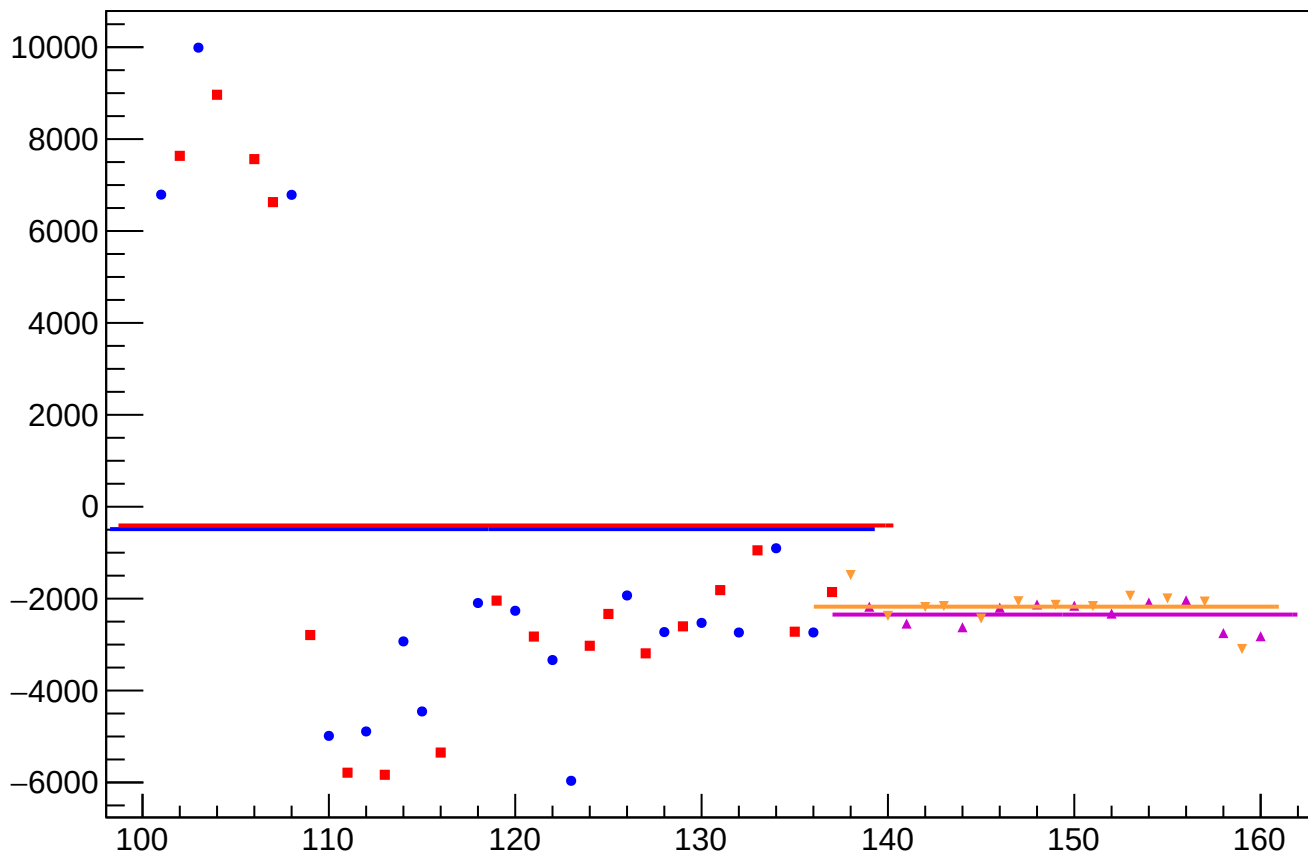
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

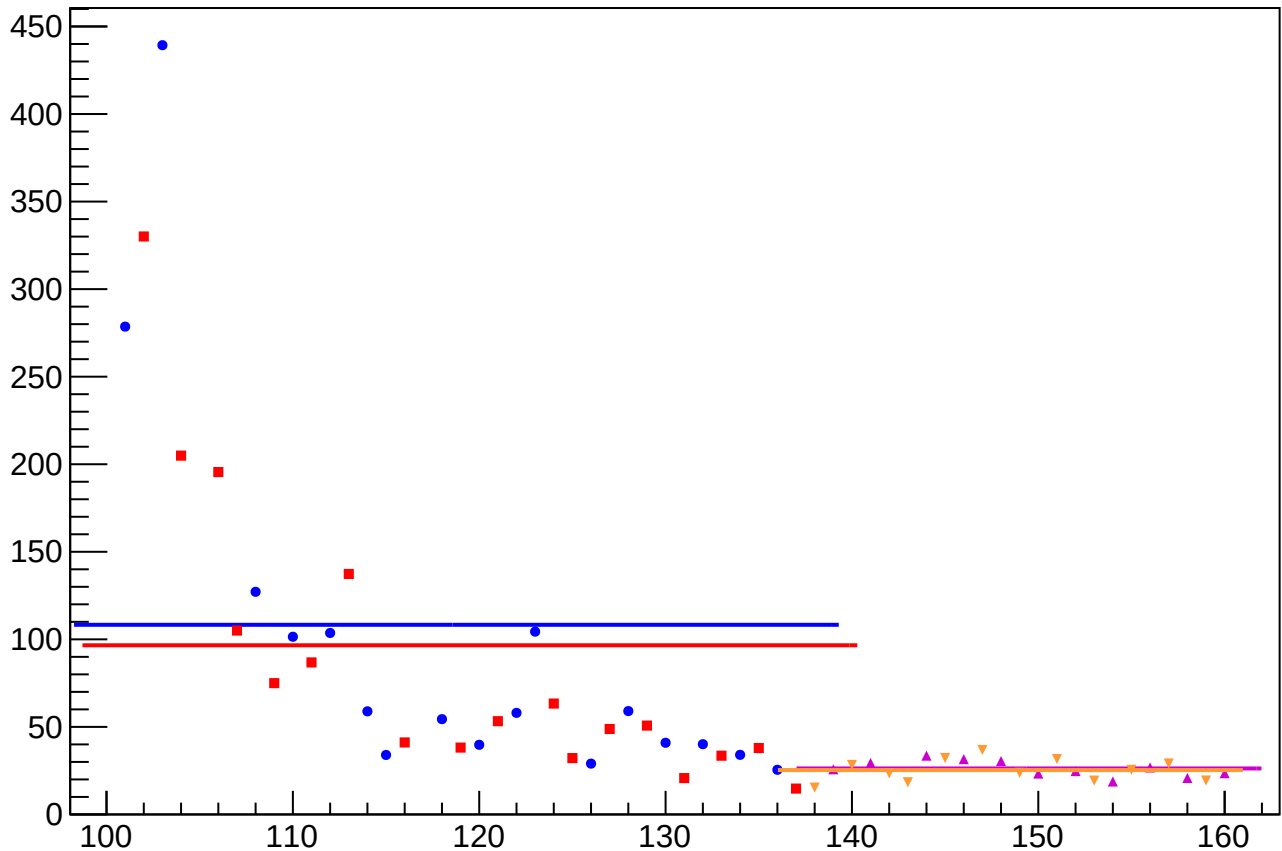
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_sam1_coil6_mean vs Slug



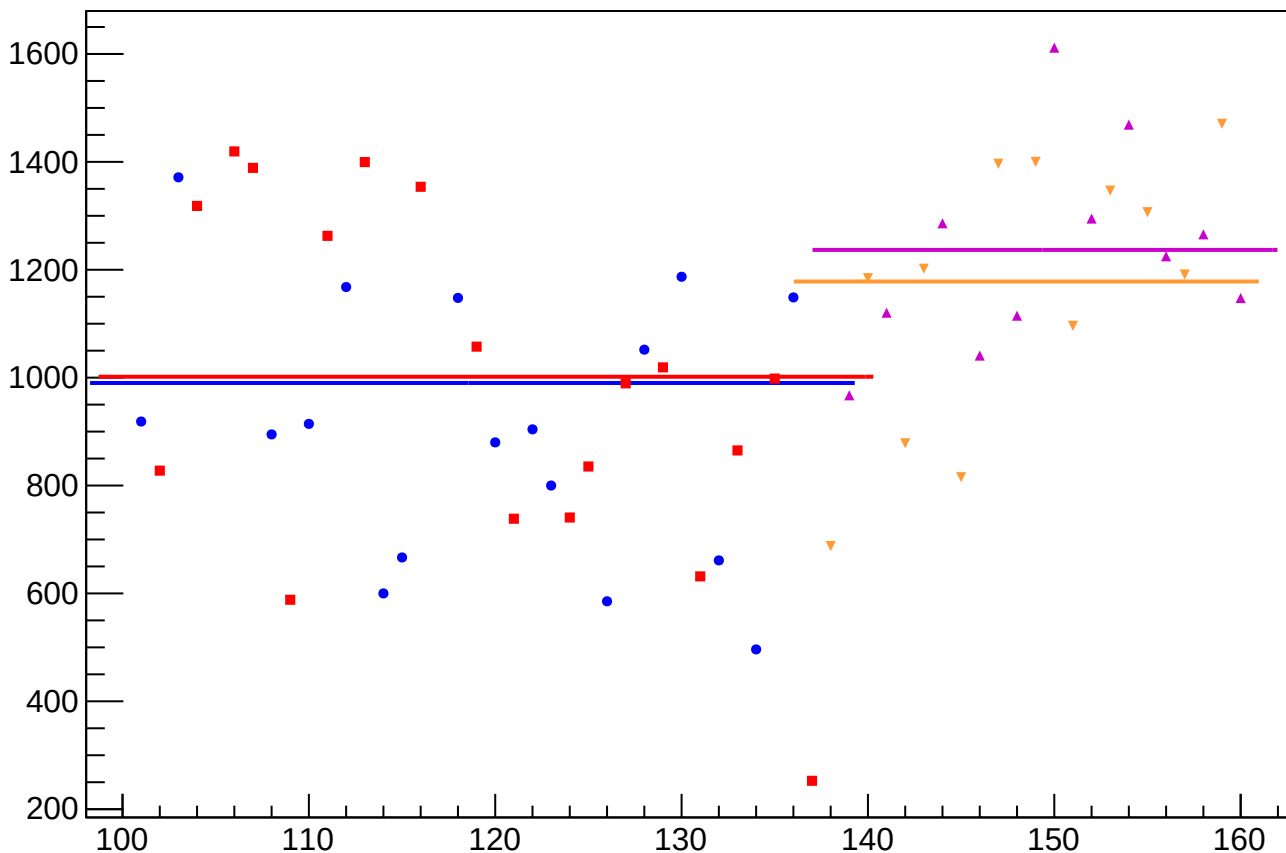
Right In: -487.313 ± 0.000 $\chi^2/\text{NDF}: 15477070218746492867636387900929916010496.0/16$
 Left Out: -2174.754 ± 0.000 $\chi^2/\text{NDF}: 122757210138541314425031010279093174272.0/11$
 Right Out: -407.637 ± 0.000 $\chi^2/\text{NDF}: 17046160329483633481850056075702270164992.0/17$
 Left In: -2346.925 ± 0.000 $\chi^2/\text{NDF}: 67169063271967630363069010620899655680.0/10$

dit_sam1_coil6_err_mean vs Slug



Right In: 108.310 $\pm$ 0.000 χ^2 /NDF: 10240592139421231918957200369451532288.0/16
 Left Out: 25.343 $\pm$ 0.000 χ^2 /NDF: 36110419999442203641332872035434496.0/11
 Right Out: 96.612 $\pm$ 0.000 χ^2 /NDF: 5525873832888071130304914389362278400.0/17
 Left In: 26.267 $\pm$ 0.000 χ^2 /NDF: 18381454665021153689982878819024896.0/10
 All: 58.994 $\pm$ 0.000 χ^2 /NDF: 2054925932624
 + sign 61.262 $\pm$ 0.000 χ^2 /NDF: 1298566526759014
 - sign 56.787 $\pm$ 0.000 χ^2 /NDF: 7547317684336716

dit_sam1_coil6_Ndata_mean vs Slug



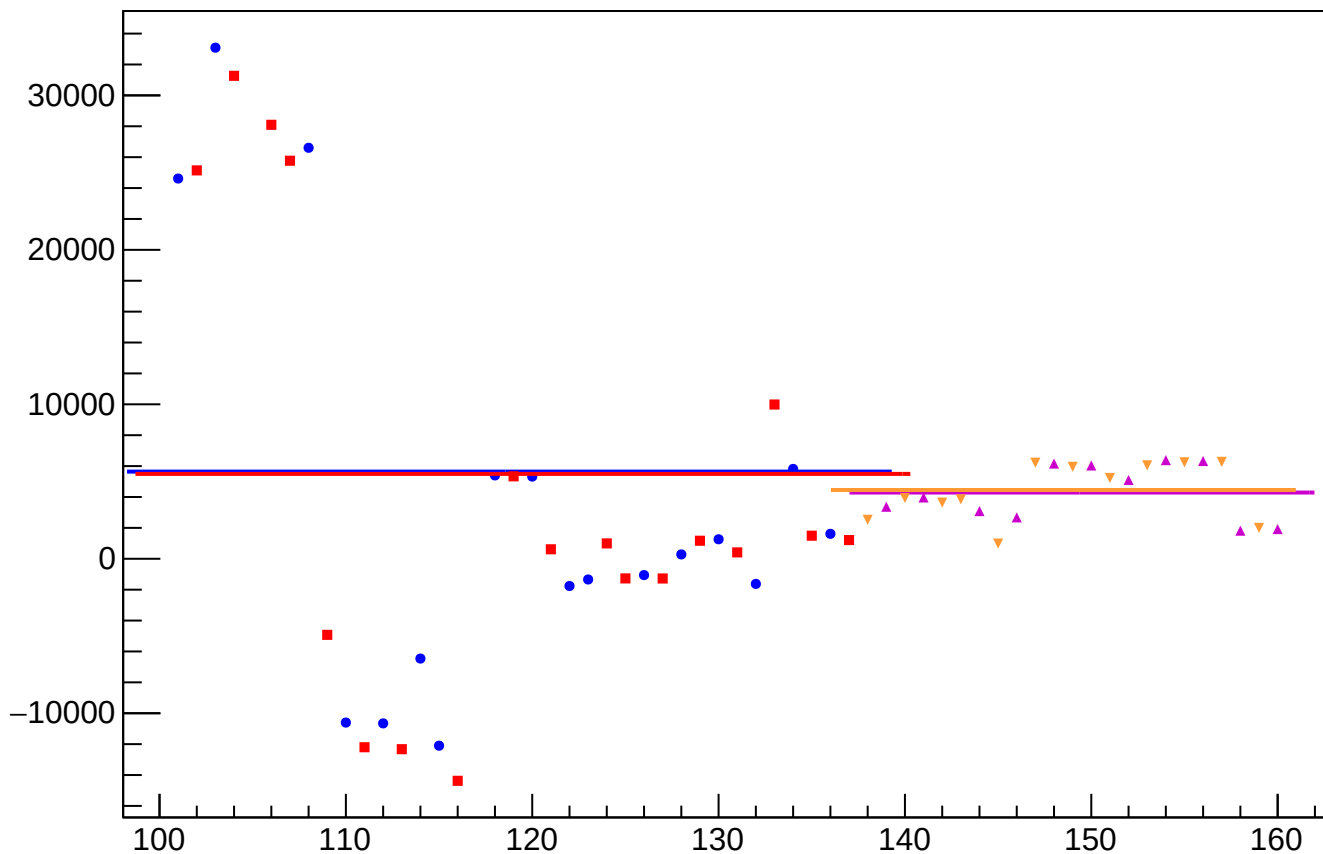
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11
 + sign 1096.796 $\pm$ 0.000 χ^2 /NDF: 10299336032606

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17
 All: 1116.055 $\pm$ 0.000 χ^2 /NDF: 21820107896

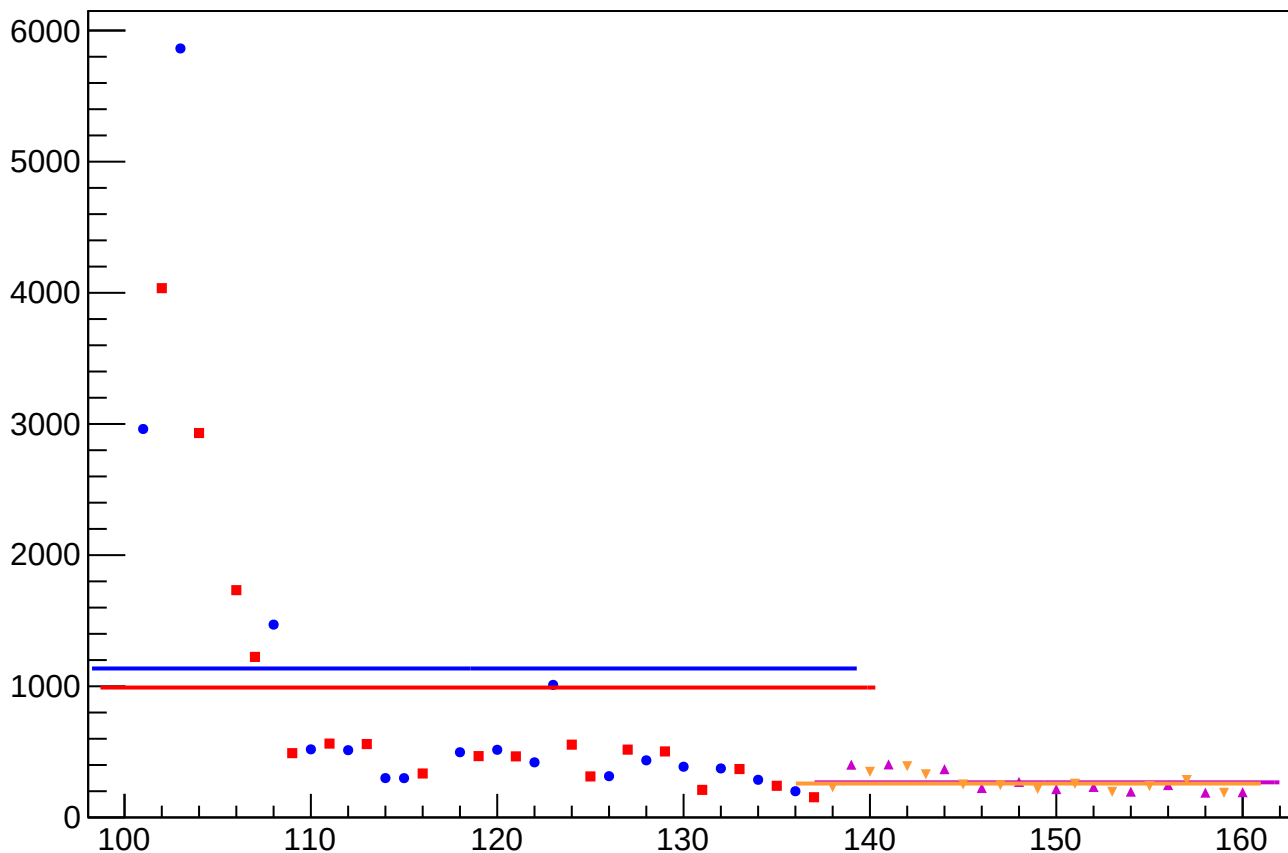
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10
 - sign 1134.788 $\pm$ 0.000 χ^2 /NDF: 11403481288125

dit_sam2_coil6_mean vs Slug



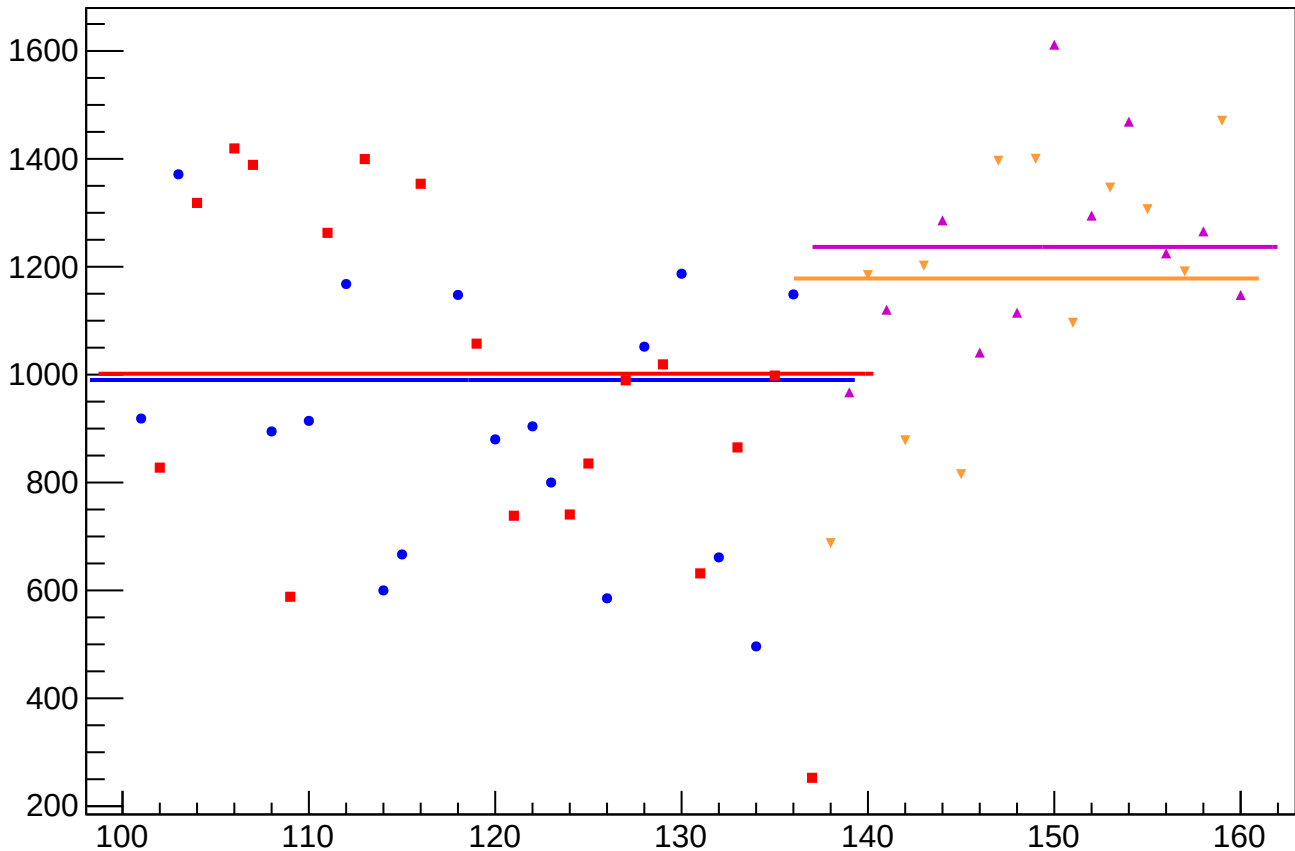
Right In: 5643.213+/-0.000 χ^2/NDF : 120843746110128548402153277612724047577088.0/16
 Left Out: 4452.458+/-0.000 χ^2/NDF : 2985929789295198919987260133715107381248.0/11
 Right Out: 5495.452+/-0.000 χ^2/NDF : 139584988563962510194230278268369577705472.0/17
 Left In: 4288.058+/-0.000 χ^2/NDF : 2735636712385094187455165788777797910528.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1135.811+/-0.000 χ^2/NDF : 1824005819812756990146951558918737756160.0/16
 Left Out: 258.670+/-0.000 χ^2/NDF : 2829286833241859007622586413730496512.0/11
 Right Out: 990.520+/-0.000 χ^2/NDF : 932180516409120093653543317868461948928.0/17
 Left In: 267.701+/-0.000 χ^2/NDF : 5915399599612443264375094627914481664.0/10

dit_sam2_coil6_Ndata_mean vs Slug



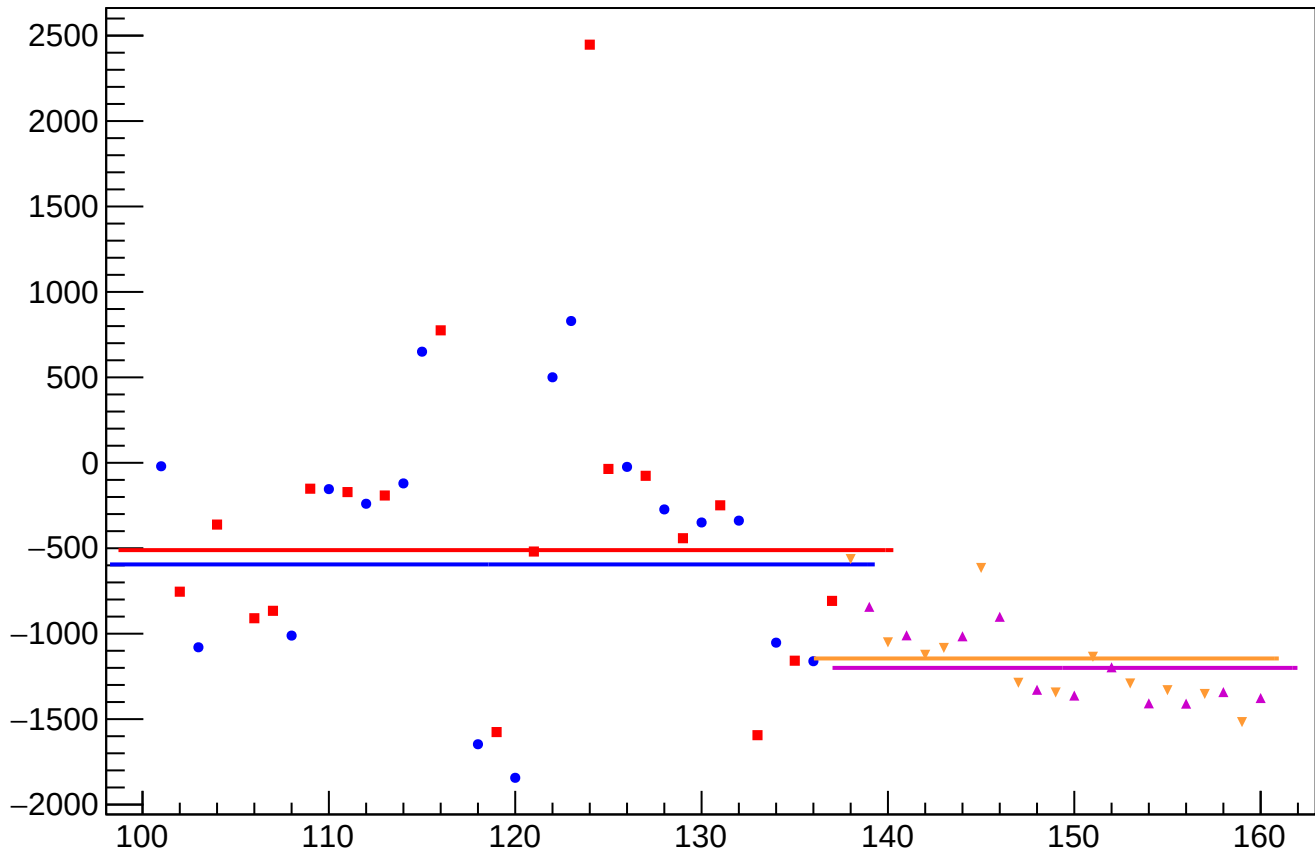
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

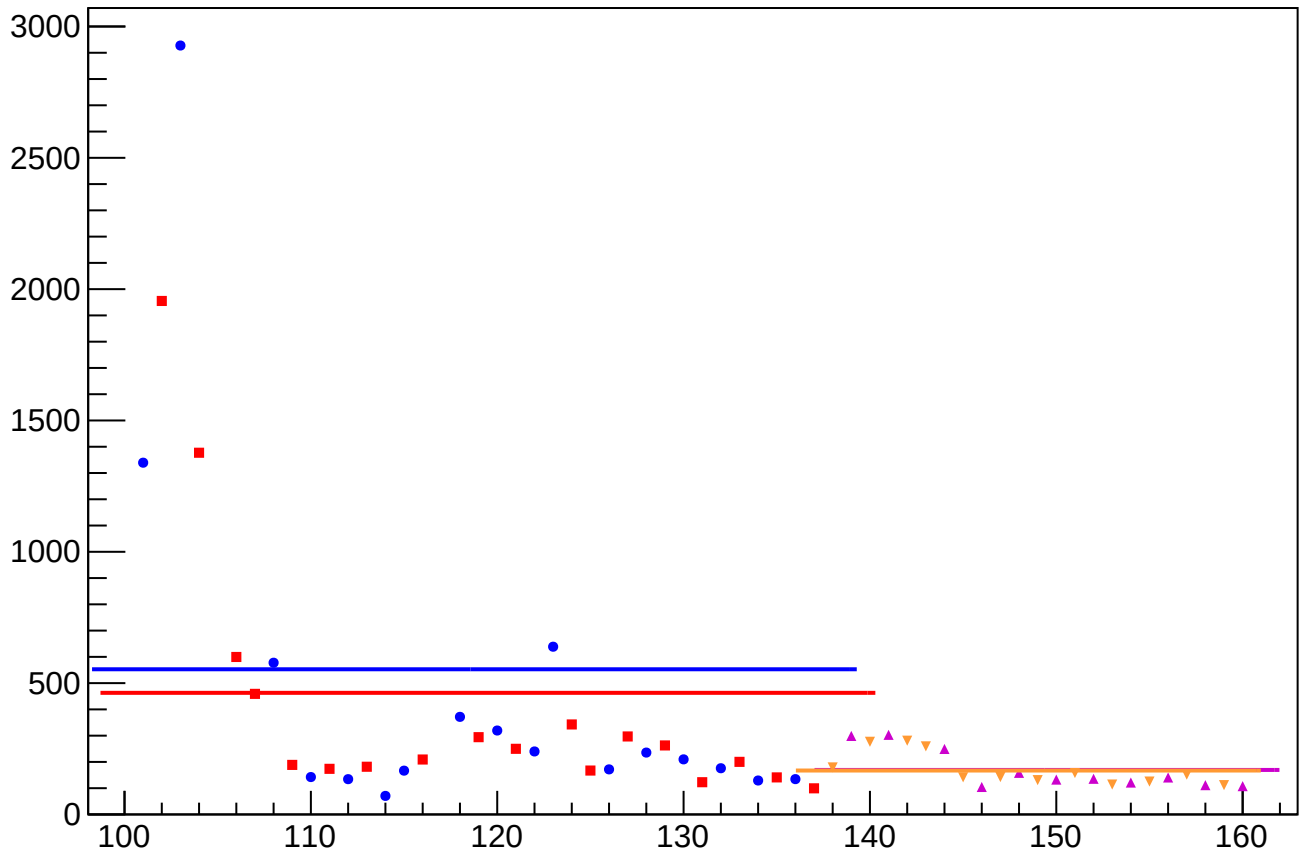
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam3_coil6_mean vs Slug



Right In: -594.642+/-0.000 χ^2/NDF : 301185427986157798818990027839559958528.0/16
 Left Out: -1145.023+/-0.000 χ^2/NDF : 73058158331350430415583816889325846528.0/11
 Right Out: -510.991+/-0.000 χ^2/NDF : 345692362052681149269006983787007967232.0/17
 Left In: -1200.159+/-0.000 χ^2/NDF : 39206754972923098015710381582583857152.0/10

dit_sam3_coil6_err_mean vs Slug



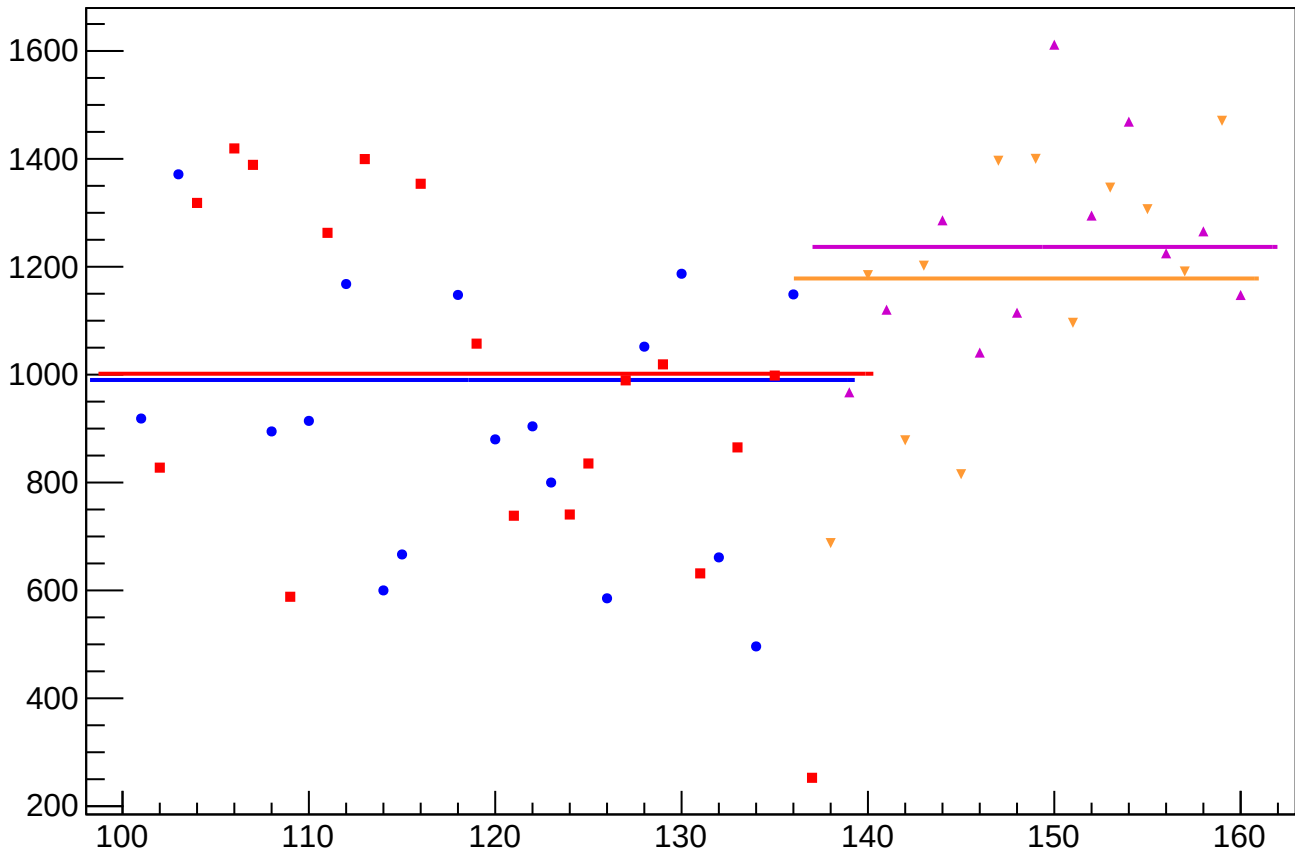
Right In: 552.756+/-0.000 χ^2/NDF : 438588904166490483585471990950715719680.0/16

Left Out: 167.275+/-0.000 χ^2/NDF : 3021189019464897046042040078702739456.0/11

Right Out: 463.044+/-0.000 χ^2/NDF : 209305475229629435748794855521804877824.0/17

Left In: 169.476+/-0.000 χ^2/NDF : 4886350669326169514376198750149279744.0/10

dit_sam3_coil6_Ndata_mean vs Slug



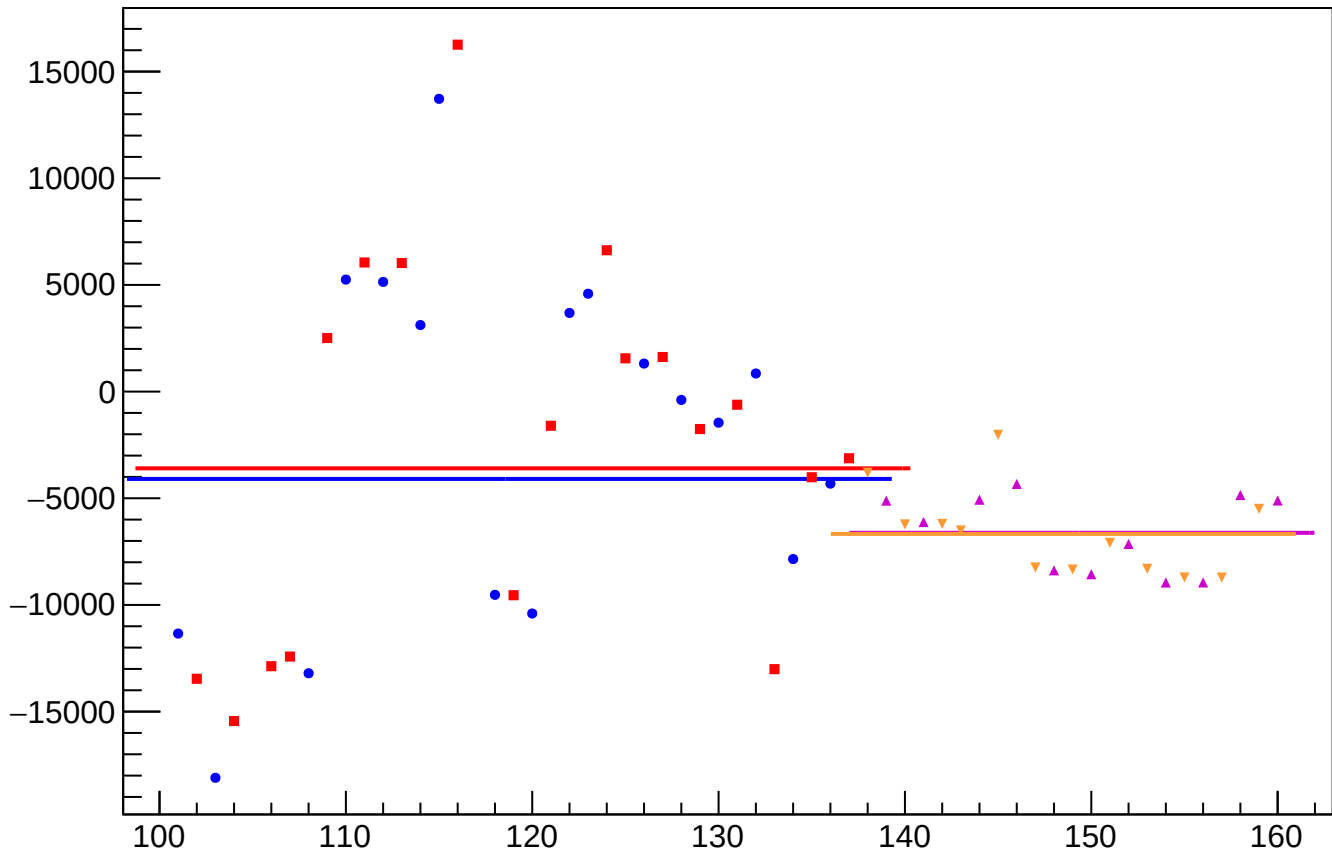
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

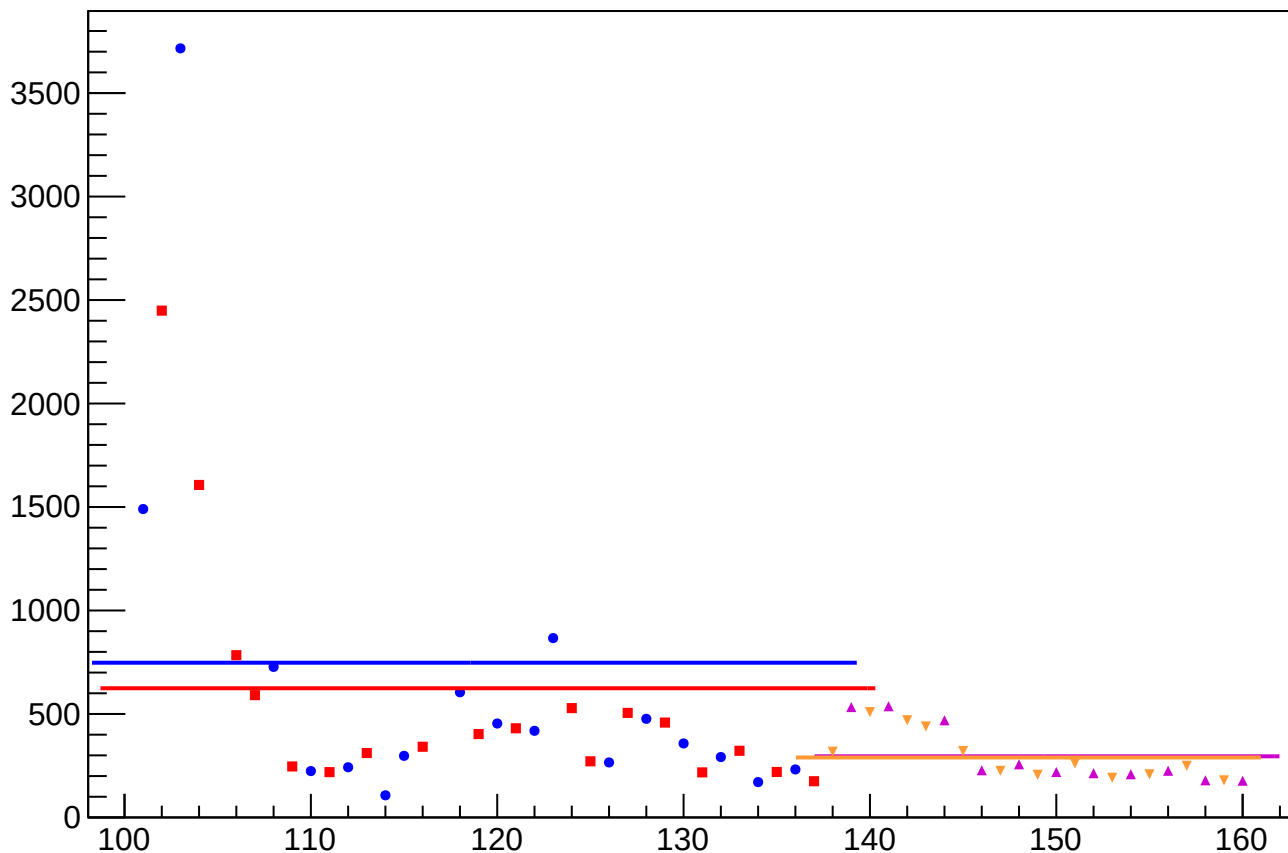
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam4_coil6_mean vs Slug



Right In: -4093.788 ± 0.000 $\chi^2/\text{NDF}: 38878868284472308051396307871868318121984.0/16$
 Left Out: -6670.950 ± 0.000 $\chi^2/\text{NDF}: 3774906693530884073018019224850138136576.0/11$
 Right Out: -3597.313 ± 0.000 $\chi^2/\text{NDF}: 48617231317968827835072936626093341802496.0/17$
 Left In: -6619.709 ± 0.000 $\chi^2/\text{NDF}: 2843164619719300530559319168458248159232.0/10$

dit_sam4_coil6_err_mean vs Slug



Right In: 747.700+/-0.000 χ^2/NDF : 650932937994369219214435777270989717504.0/16

Left Out: 289.811+/-0.000 χ^2/NDF : 10481549601194900606923730784744374272.0/11

Right Out: 624.223+/-0.000 χ^2/NDF : 296243096292052743688943276873819881472.0/17

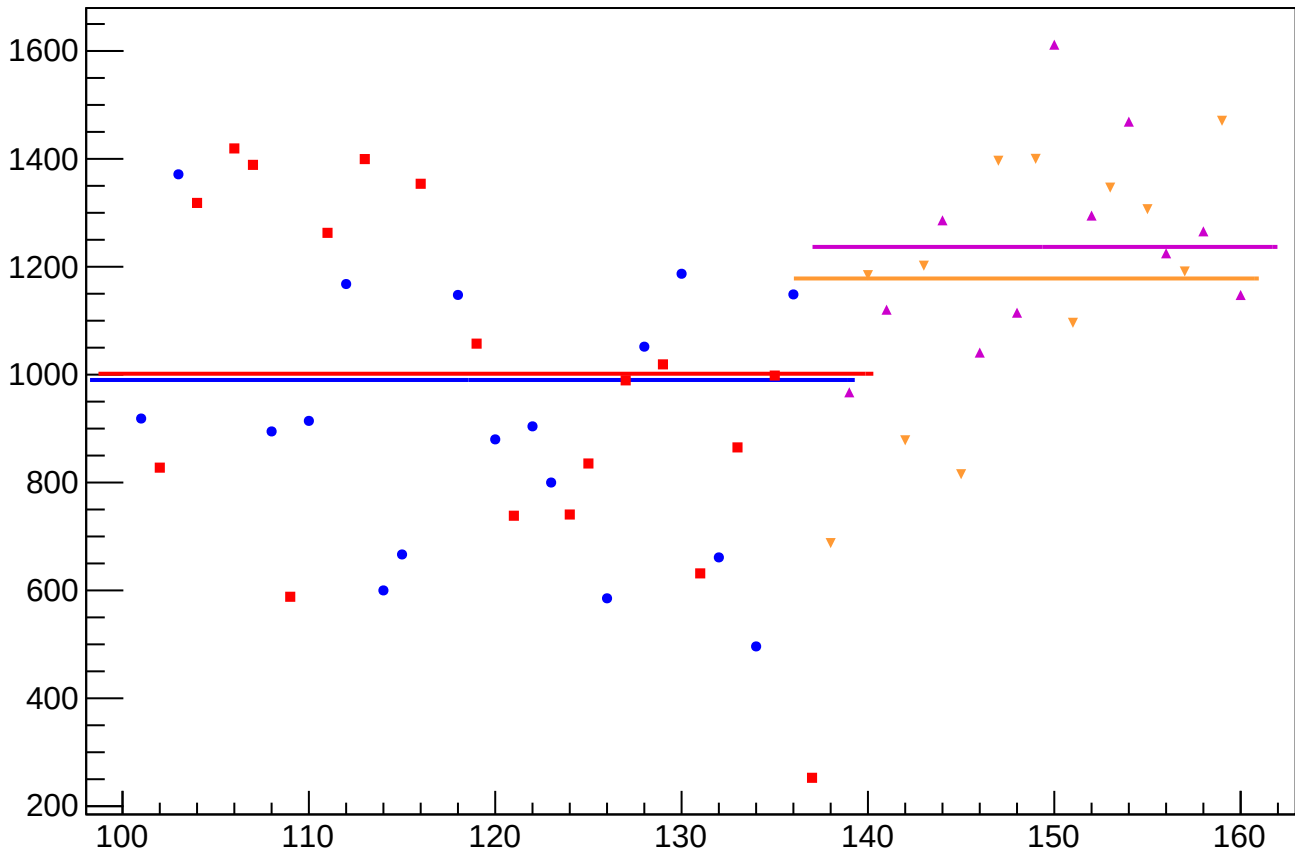
Left In: 295.493+/-0.000 χ^2/NDF : 17160133140926555155362591865869172736.0/10

+ sign 488.049+/-0.000 χ^2/NDF : 743925054327055

All: 462.736+/-0.000 χ^2/NDF : 110309762248

- sign 438.116+/-0.000 χ^2/NDF : 357146521032706

dit_sam4_coil6_Ndata_mean vs Slug



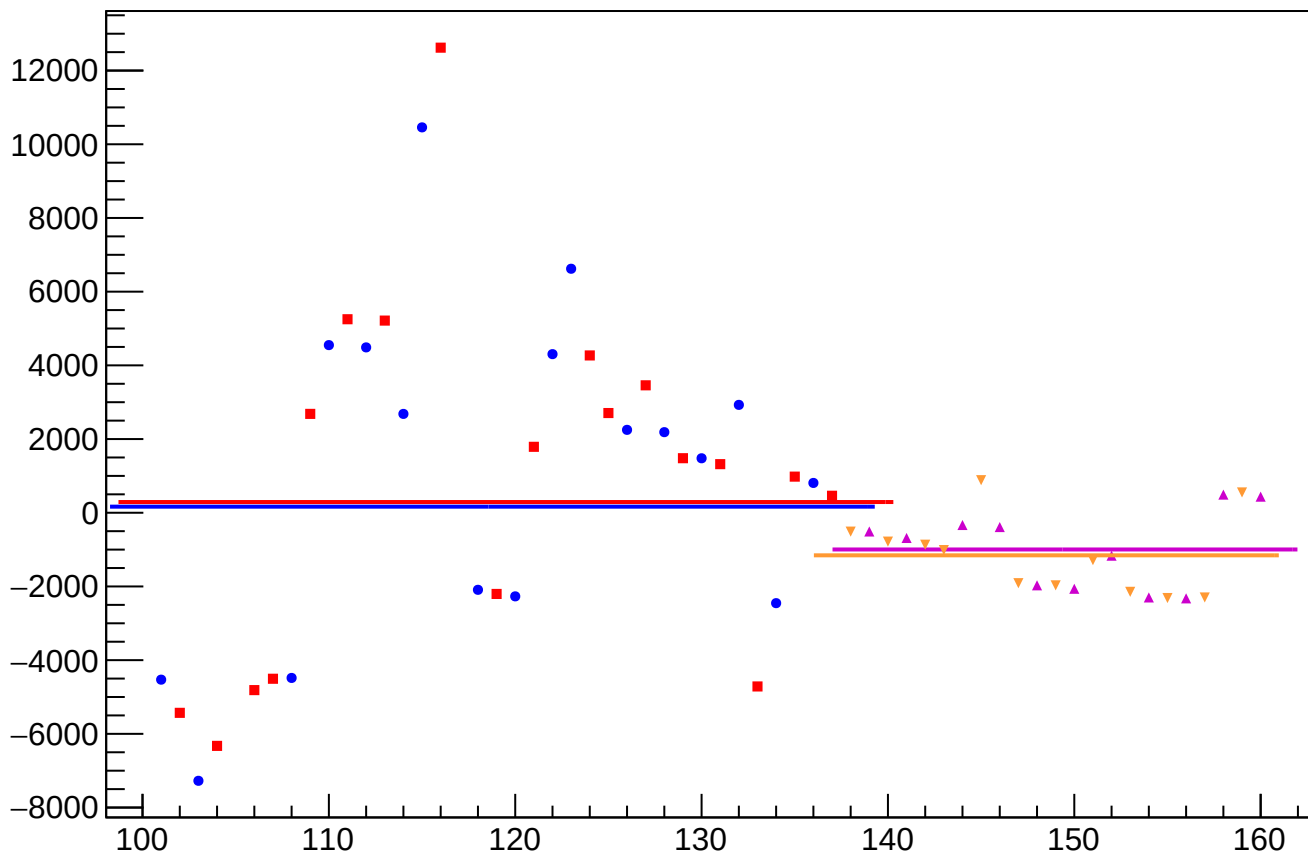
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

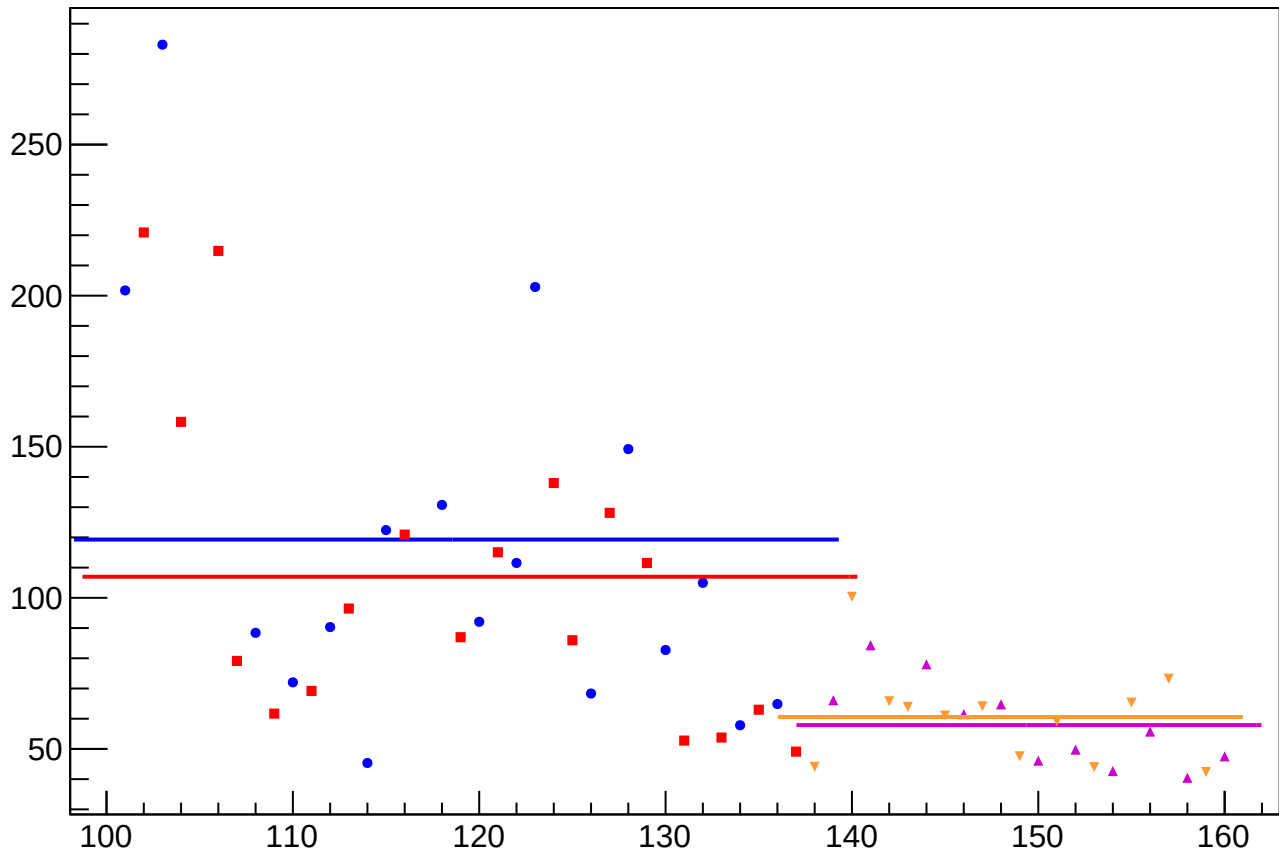
Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_sam5_coil6_mean vs Slug



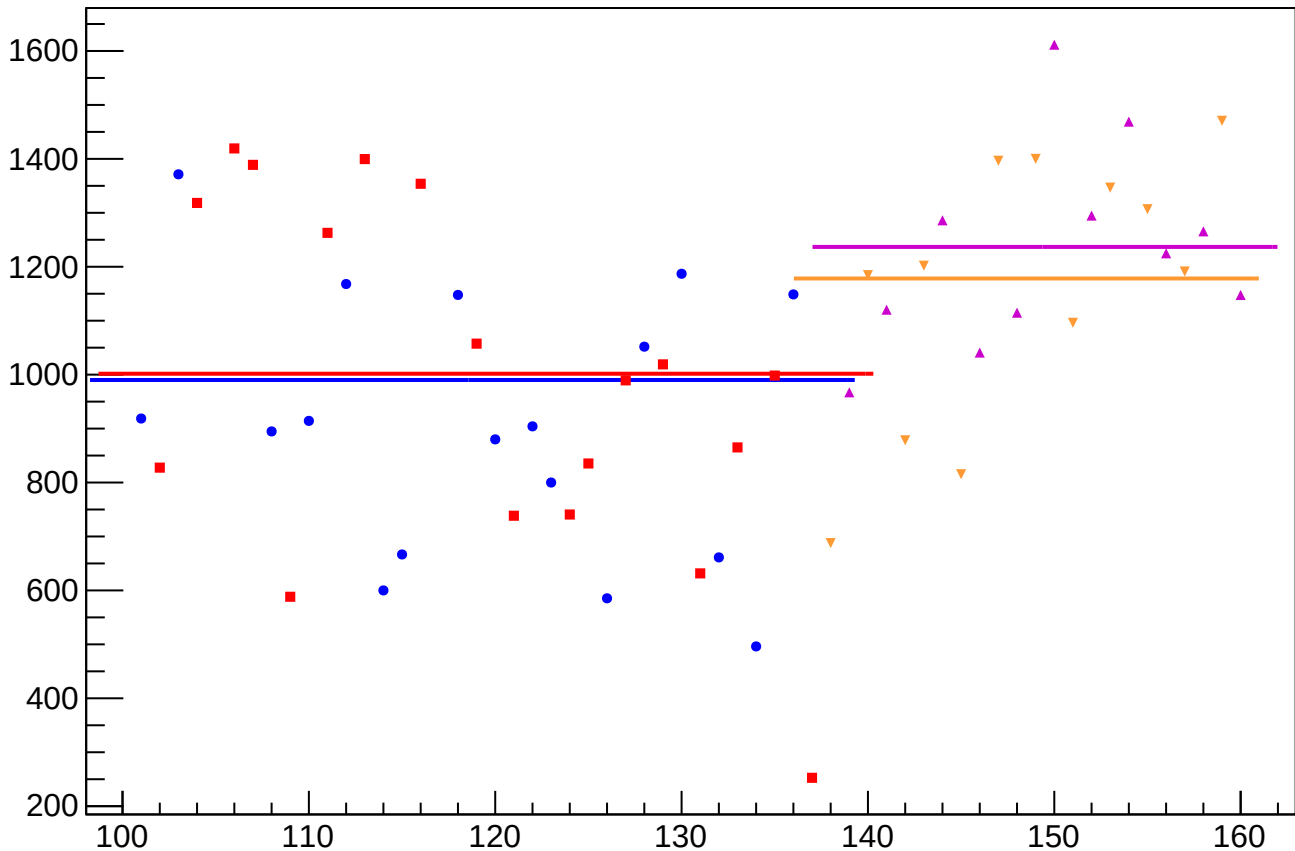
Right In: 165.547+/-0.000 χ^2/NDF : 10658450336306933403777351351390508679168.0/16
 Left Out: -1155.357+/-0.000 χ^2/NDF : 995504747952866911387640526565778915328.0/11
 Right Out: 291.015+/-0.000 χ^2/NDF : 14672571981967891714112032575724497928192.0/17
 Left In: -996.521+/-0.000 χ^2/NDF : 924719212965830410136097105357987381248.0/10

dit_sam5_coil6_err_mean vs Slug



Right In: 119.288+/-0.000 χ^2/NDF : 2842654207411905514935251828991852544.0/16
 Left Out: 60.571+/-0.000 χ^2/NDF : 23198208438530446830781999200442776.0/11
 Right Out: 106.986+/-0.000 χ^2/NDF : 1915046958698396013008025410372370432.0/17
 Left In: 57.892+/-0.000 χ^2/NDF : 178748203070353408993612338219188224.0/10

dit_sam5_coil6_Ndata_mean vs Slug



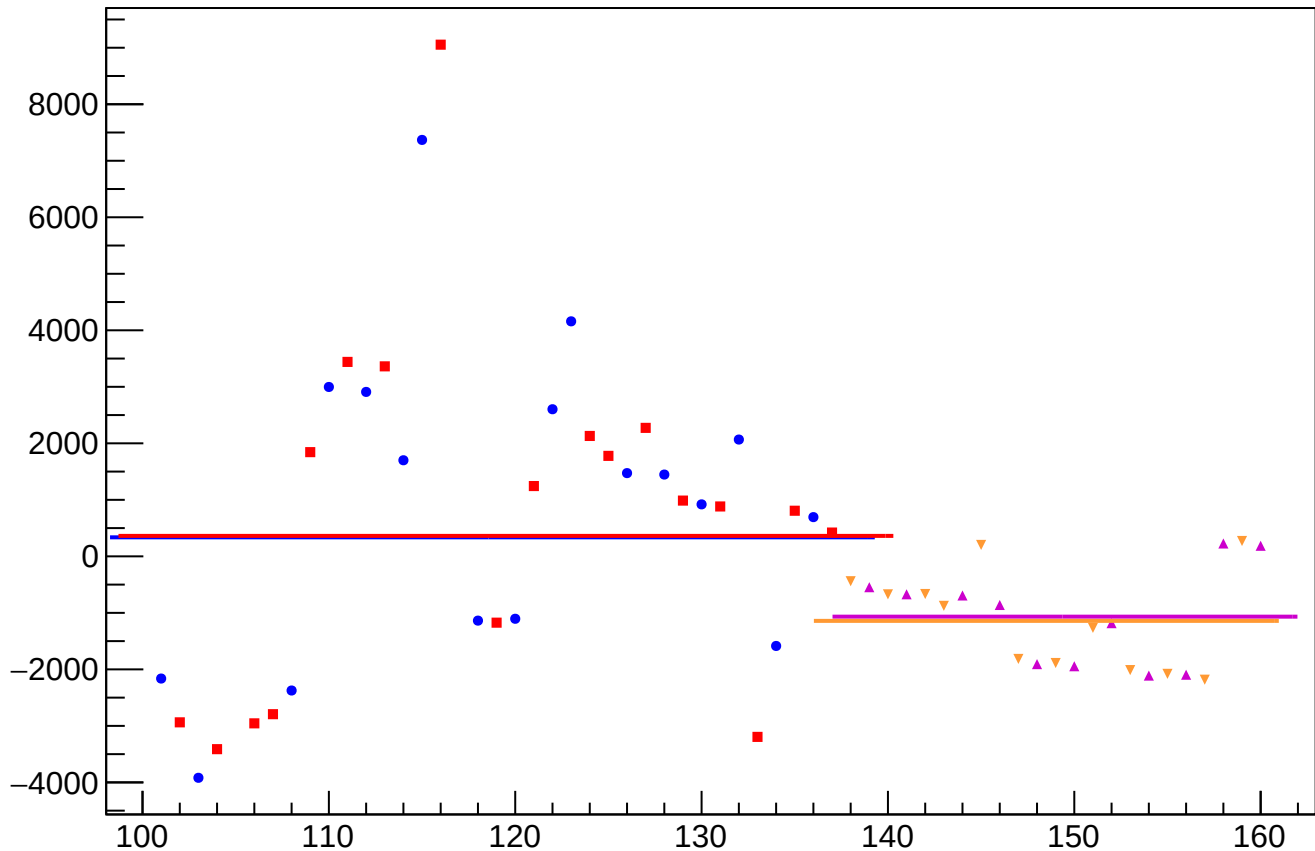
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

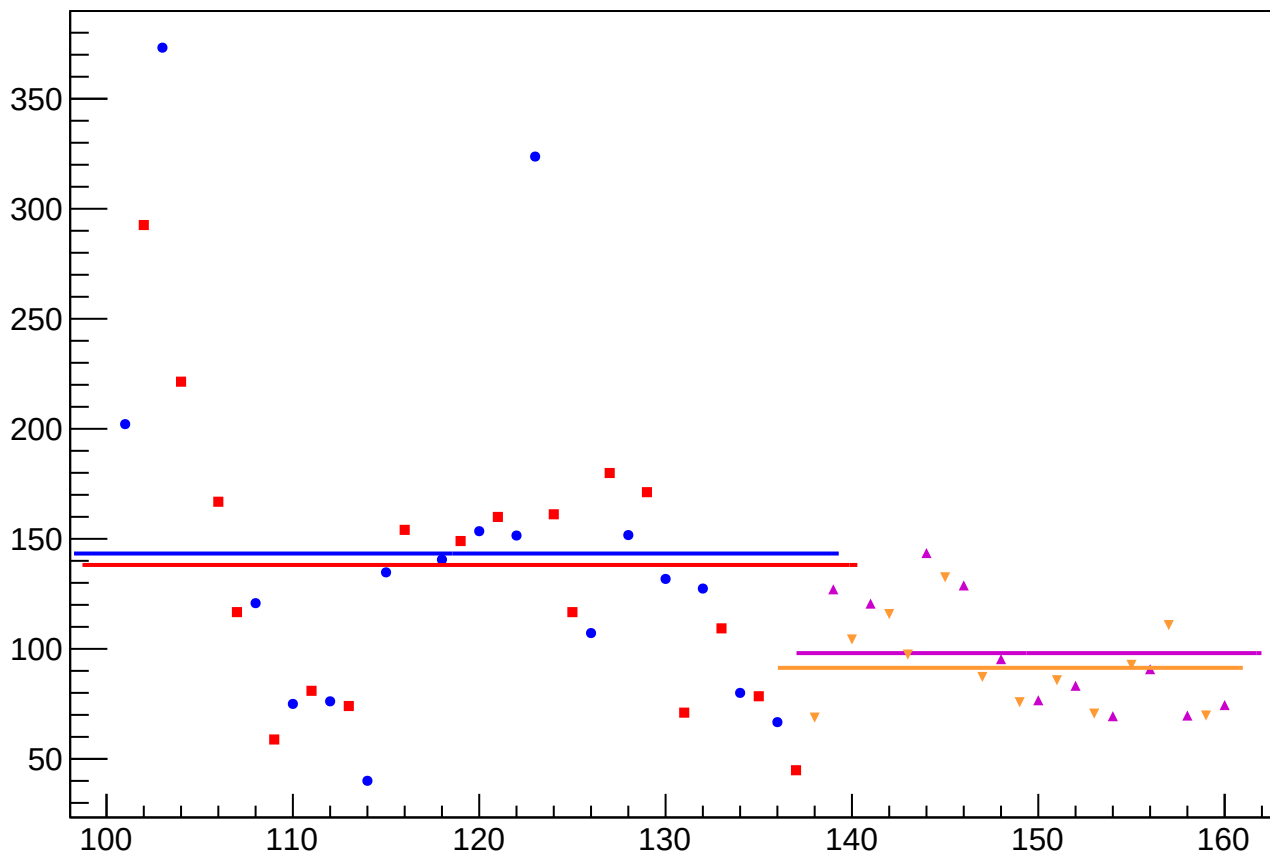
Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam6_coil6_mean vs Slug



Right In: 336.537 $\pm$ 0.000 χ^2 /NDF: 3711385432707324073014239747985928880128.0/16
 Left Out: -1141.700 $\pm$ 0.000 χ^2 /NDF: 670526328034965940264034289134346436608.0/11
 Right Out: 362.052 $\pm$ 0.000 χ^2 /NDF: 5966784958004941474881704867040847724544.0/17
 Left In: -1067.159 $\pm$ 0.000 χ^2 /NDF: 629450133544261438998185081673399402496.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.327+/-0.000 χ^2/NDF : 4671526487507242419296658853814337536.0/16

Left Out: 91.381+/-0.000 χ^2/NDF : 342224682721014507534258785086341120.0/11

Right Out: 138.133+/-0.000 χ^2/NDF : 3152322250150098804756661412355375104.0/17

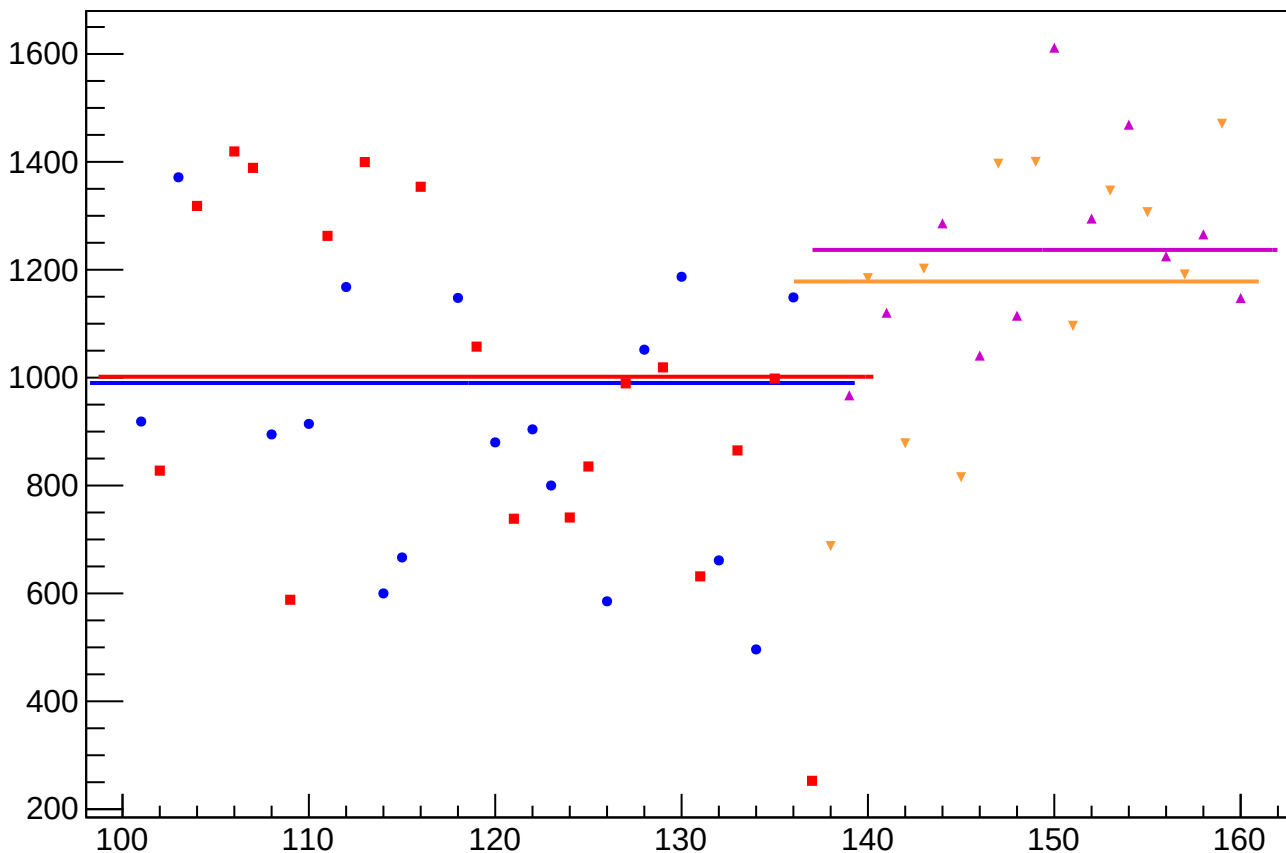
Left In: 98.068+/-0.000 χ^2/NDF : 624217570941141558165697948106620928.0/10

+ sign 113.871+/-0.000 χ^2/NDF : 607566845752250

All: 114.672+/-0.000 χ^2/NDF : 10503992303

- sign 115.451+/-0.000 χ^2/NDF : 442629552250207

dit_sam6_coil6_Ndata_mean vs Slug



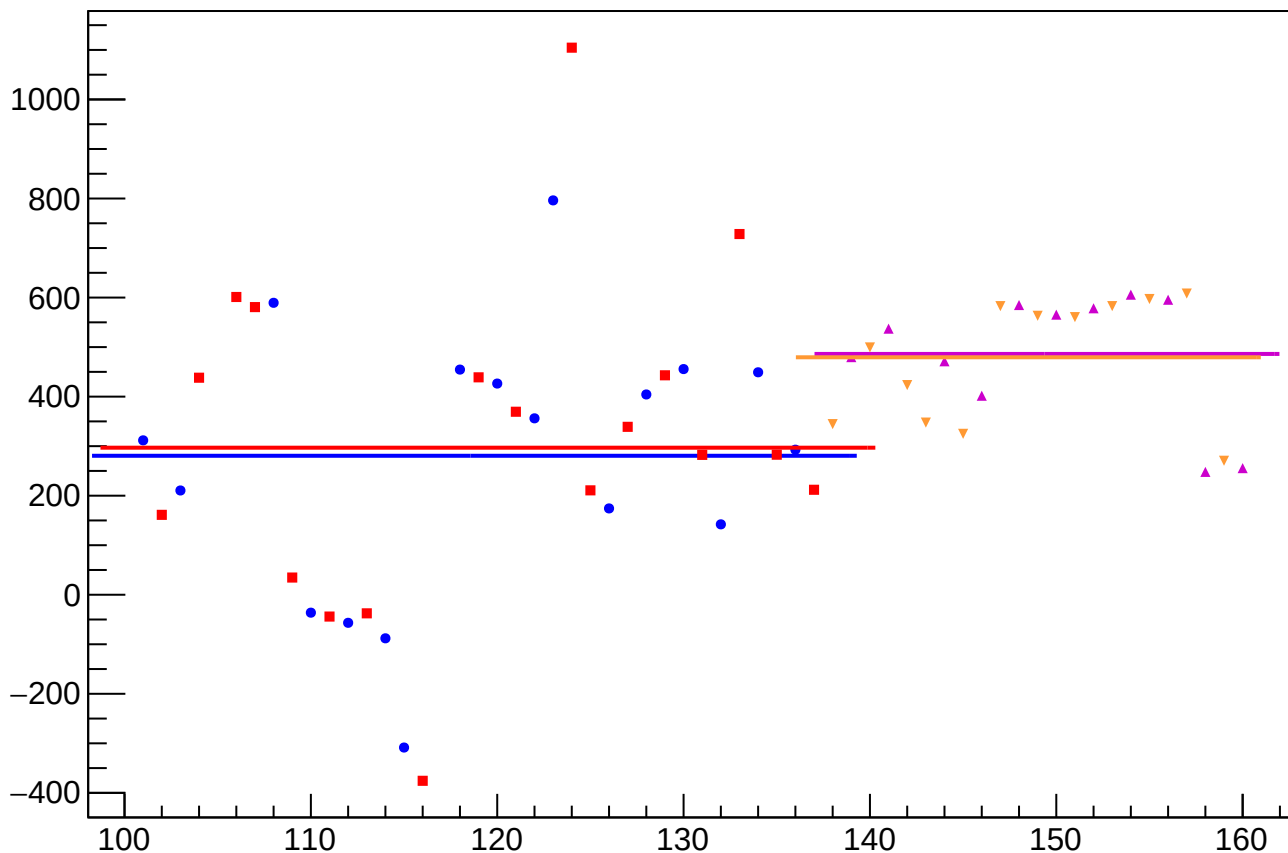
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam7_coil6_mean vs Slug



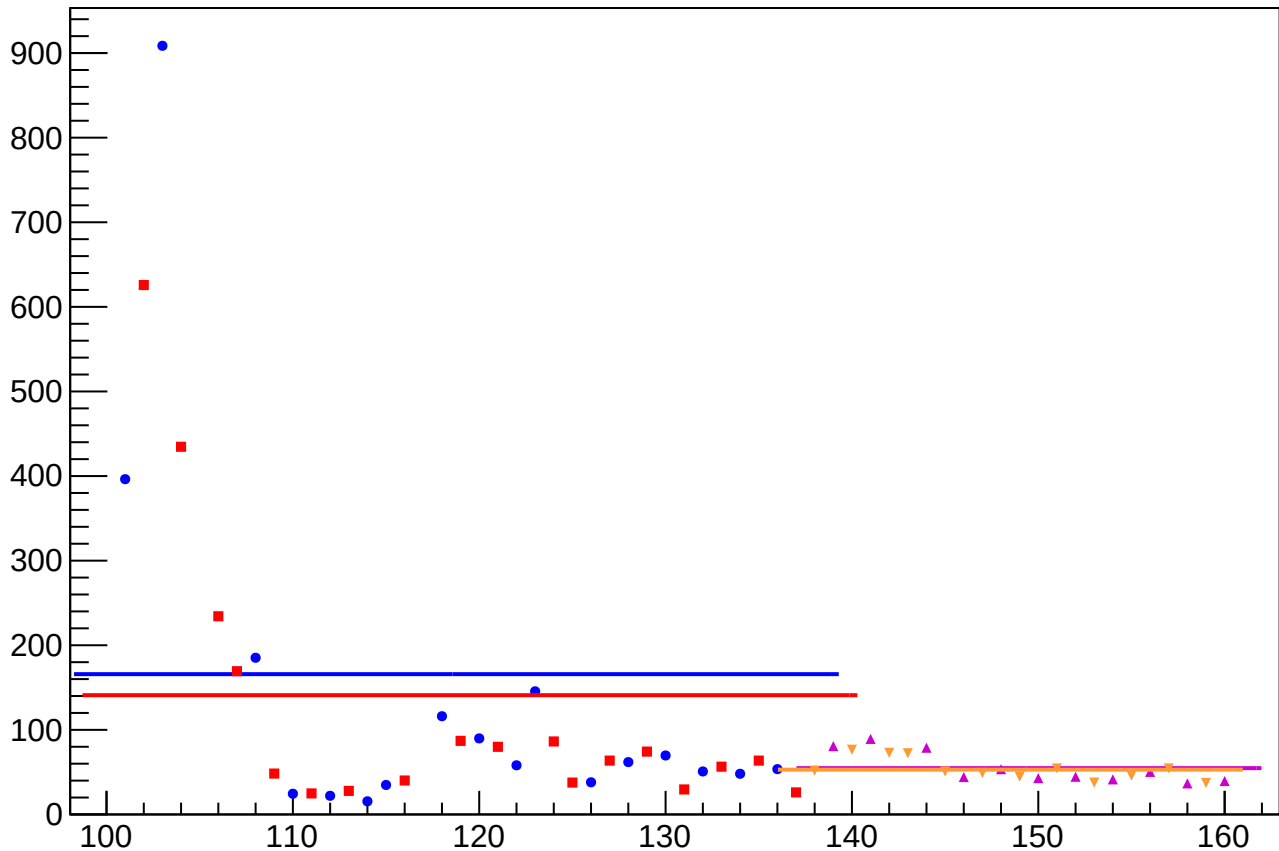
Right In: 280.587+/-0.000 χ^2/NDF : 26873653578381248944514799501999865856.0/16

Left Out: 479.418+/-0.000 χ^2/NDF : 13285124498180385816264889724787752960.0/11

Right Out: 296.905+/-0.000 χ^2/NDF : 53152105752477344290303829793952497664.0/17

Left In: 486.206+/-0.000 χ^2/NDF : 14204620343976110093613729776425500672.0/10

dit_sam7_coil6_err_mean vs Slug



Right In: 165.841 $\pm$ 0.000 χ^2 /NDF: 42388910284637758892134233675562745856.0/16

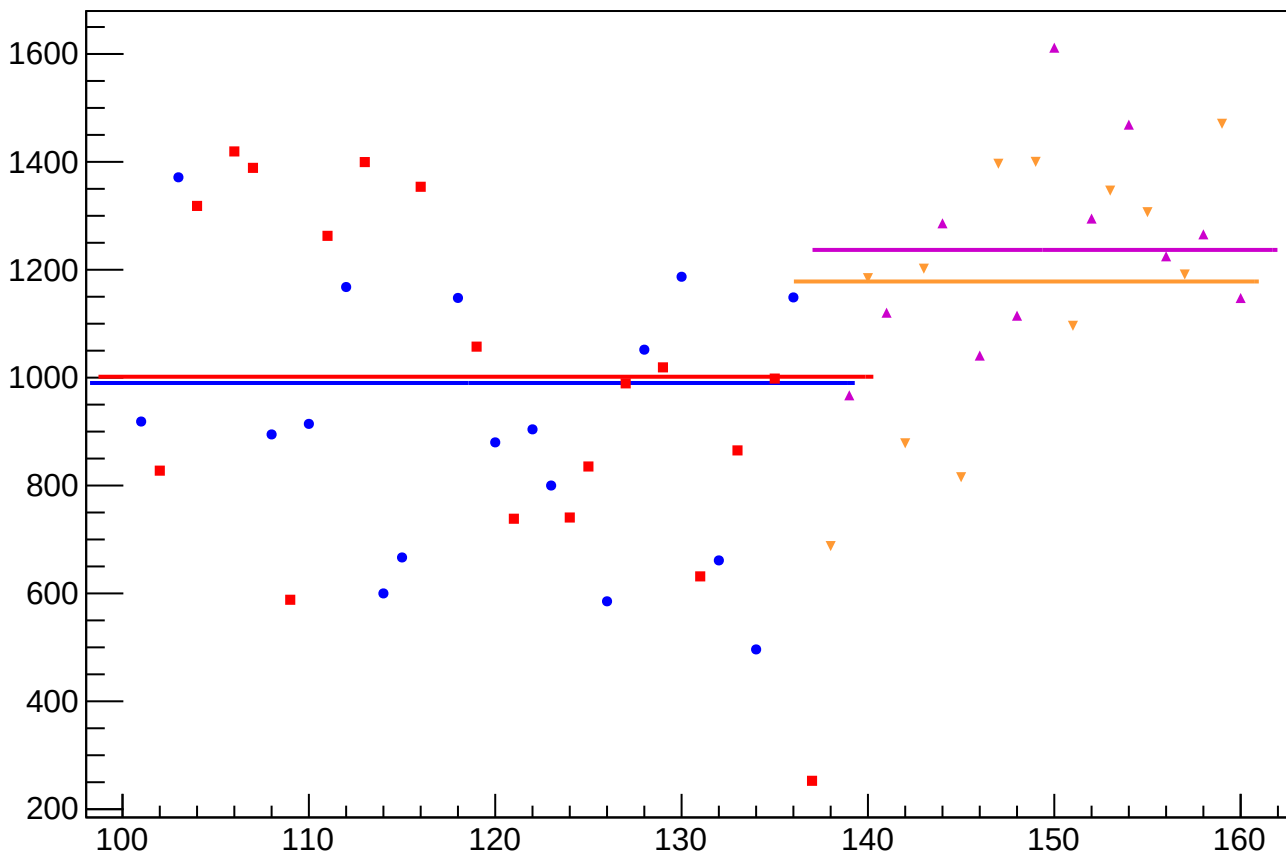
Left Out: 52.946 $\pm$ 0.000 χ^2 /NDF: 140060109724135025714892303400697856.0/11

Right Out: 140.976 $\pm$ 0.000 χ^2 /NDF: 22674964646016742017185923250652184576.0/17

Left In: 54.754 $\pm$ 0.000 χ^2 /NDF: 302128520341219592884404395924520960.0/10

All: 96.926 $\pm$ 0.000 χ^2 /NDF: 7360699399665.0/20

dit_sam7_coil6_Ndata_mean vs Slug



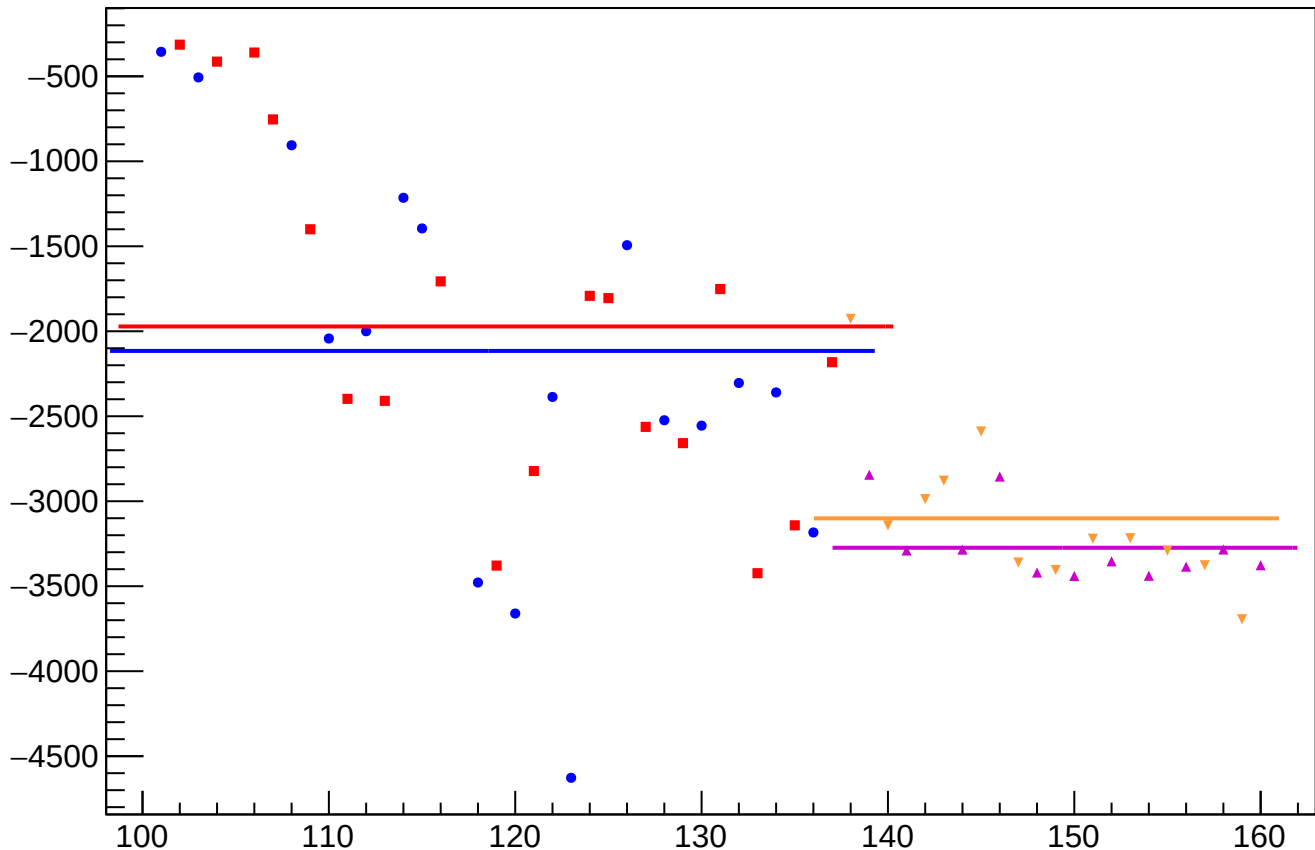
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

Left Out: 1178.253+/-0.000 χ^2/NDF : 52167705532463382200265414592767721472.0/11

Right Out: 1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: 1236.792+/-0.000 χ^2/NDF : 30308096320717107629965970940123676672.0/10

dit_sam8_coil6_mean vs Slug



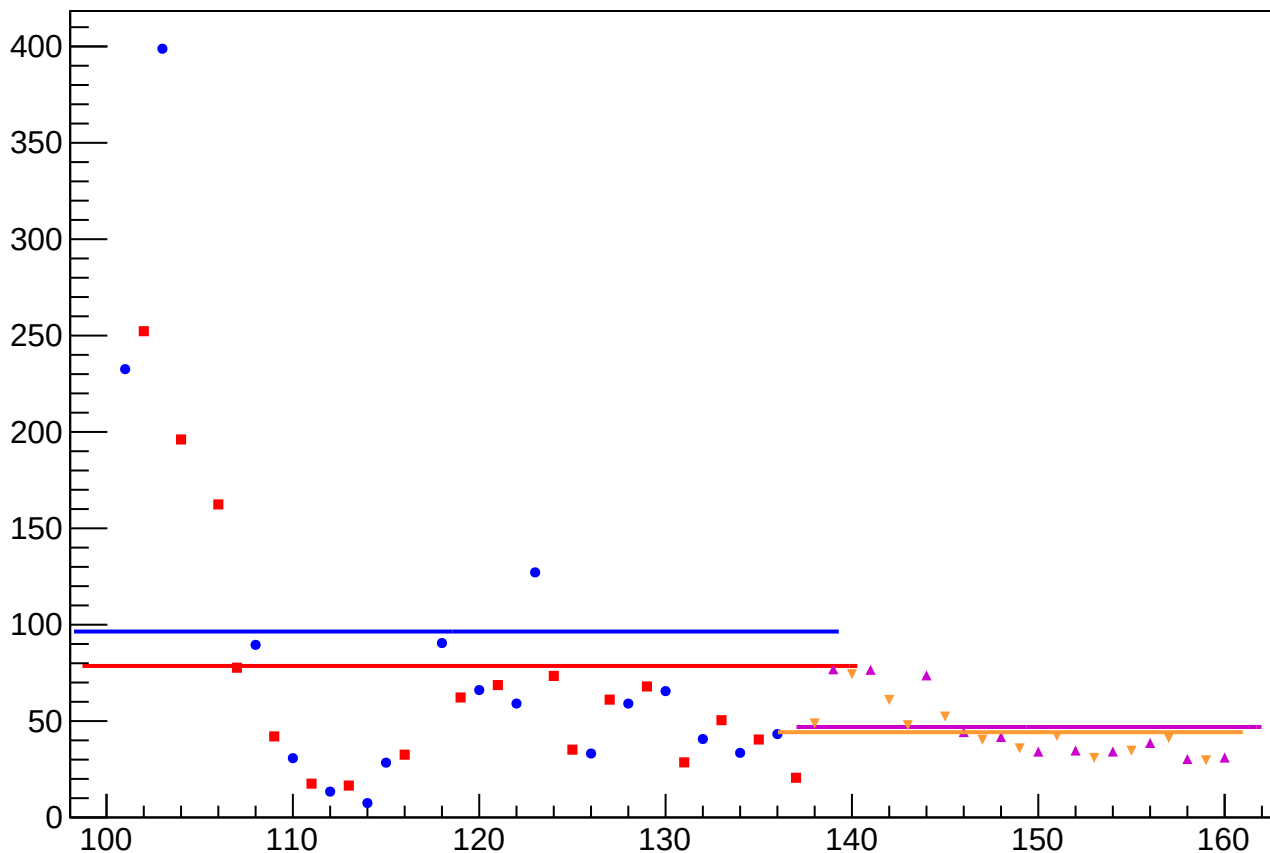
Right In: -2115.686+/-0.000	χ^2/NDF : 754451931643030128758883529777223827456.0/16
Left Out: -3100.691+/-0.000	χ^2/NDF : 183916401222864919809075393490919096320.0/11
Right Out: -1971.716+/-0.000	χ^2/NDF : 778865201263461024769541360998730956800.0/17
Left In: -3273.761+/-0.000	χ^2/NDF : 38674829040753317782722595133075750912.0/10

+ sign -2674.244+/-0.000 χ^2/NDF : 1320195564662

All: -2691.790+/-0.000 χ^2/NDF : 2824958696

- sign -2708.857+/-0.000 χ^2/NDF : 15037896389045

dit_sam8_coil6_err_mean vs Slug



Right In: 96.465+/-0.000 χ^2/NDF : 7977727256930133620372701565161570304.0/16

Left Out: 44.236+/-0.000 χ^2/NDF : 142258955441054075250551696151019520.0/11

Right Out: 78.600+/-0.000 χ^2/NDF : 3499001556563234508710770672385654784.0/17

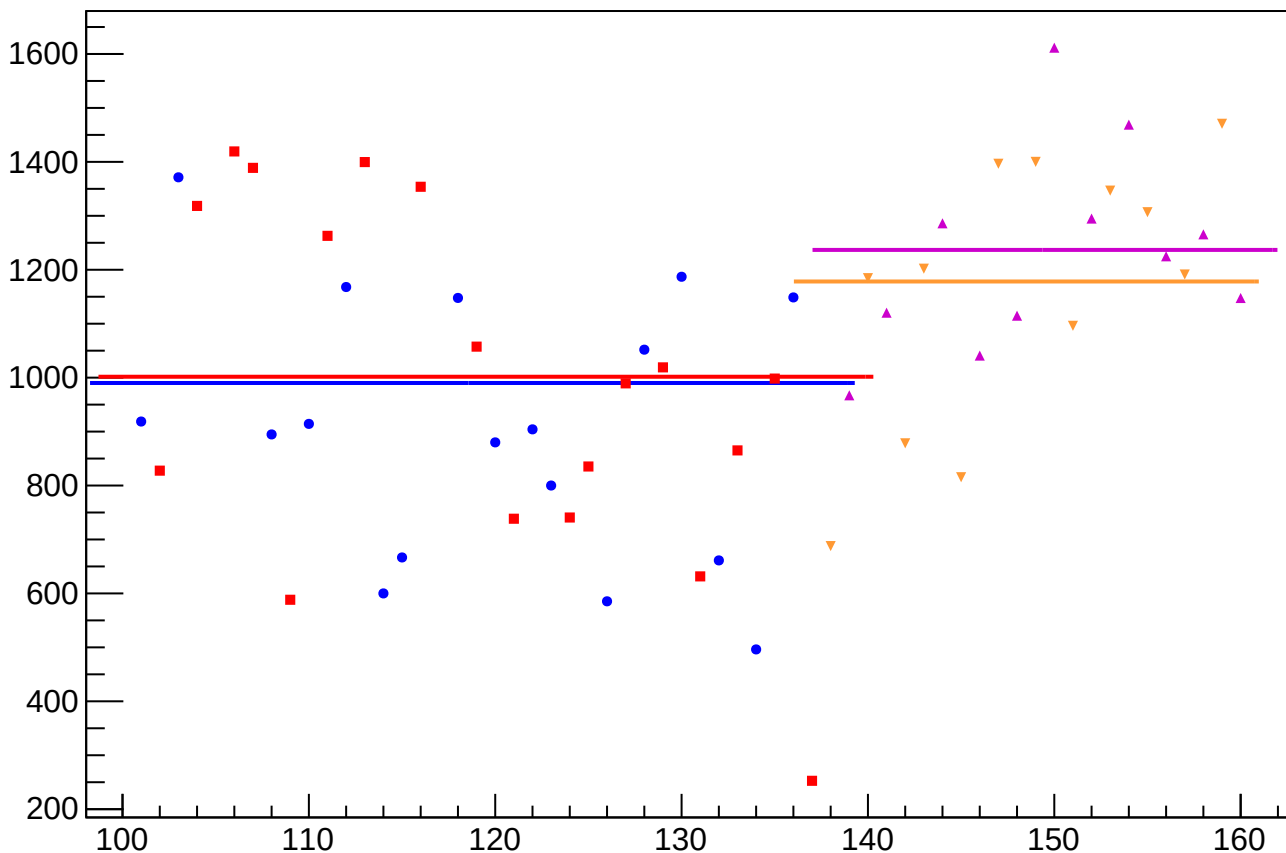
Left In: 46.934+/-0.000 χ^2/NDF : 304947612143078258069151469537329152.0/10

+ sign 66.848+/-0.000 χ^2/NDF : 9193488405718149

All: 63.717+/-0.000 χ^2/NDF : 1343431065119

- sign 60.672+/-0.000 χ^2/NDF : 4209832838223490

dit_sam8_coil6_Ndata_mean vs Slug



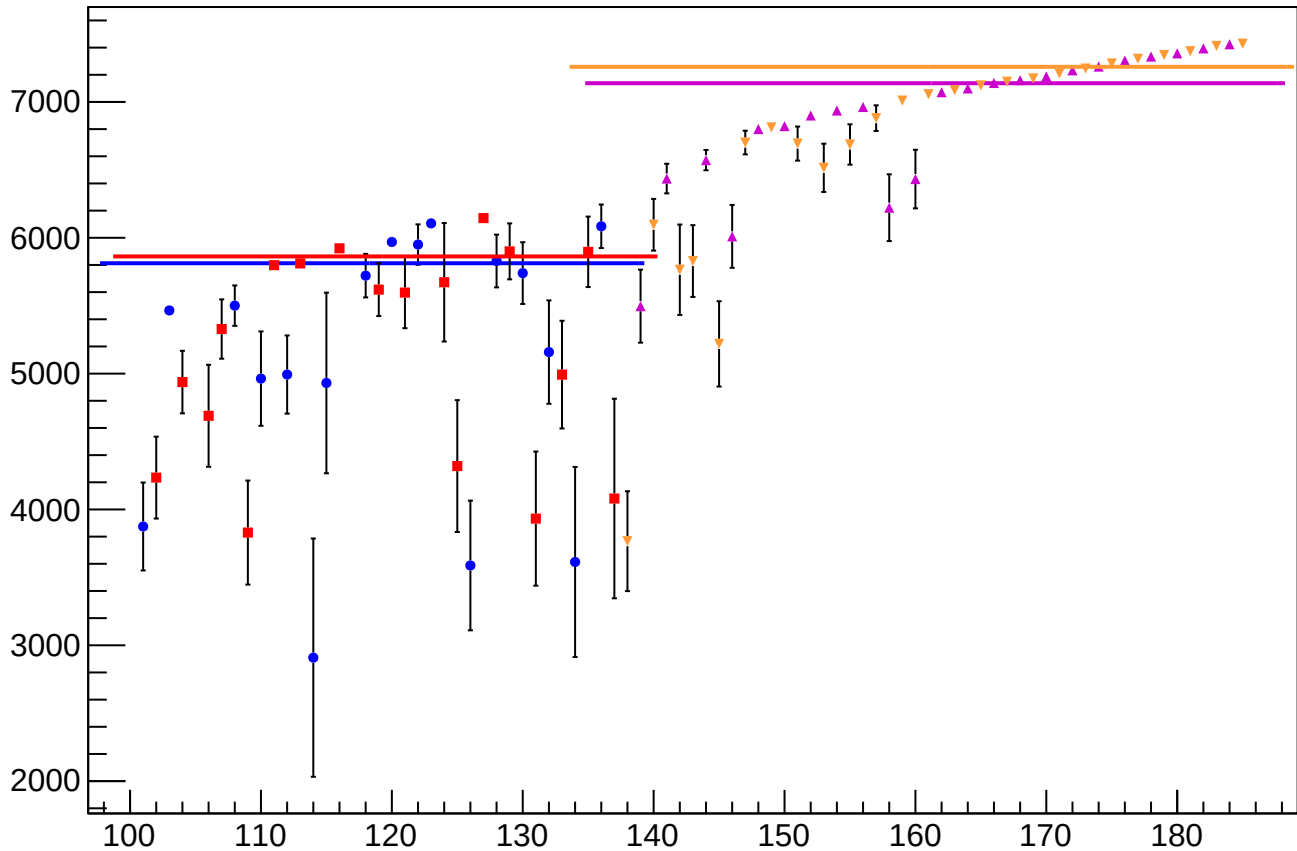
Right In: 990.104 $\pm$ 0.000 χ^2 /NDF: 36894248833595574425684746704003268608.0/16

Left Out: 1178.253 $\pm$ 0.000 χ^2 /NDF: 52167705532463382200265414592767721472.0/11

Right Out: 1001.684 $\pm$ 0.000 χ^2 /NDF: 61351571695254109773751672489010790400.0/17

Left In: 1236.792 $\pm$ 0.000 χ^2 /NDF: 30308096320717107629965970940123676672.0/10

dit_run_mean vs Slug



Right In: 5812.740+/-0.171 χ^2 /NDF: 2217854.6/16

Left Out: 7258.635+/-0.092 χ^2 /NDF: 4237942.4/24

Right Out: 5862.788+/-0.139 χ^2 /NDF: 199291.9/17

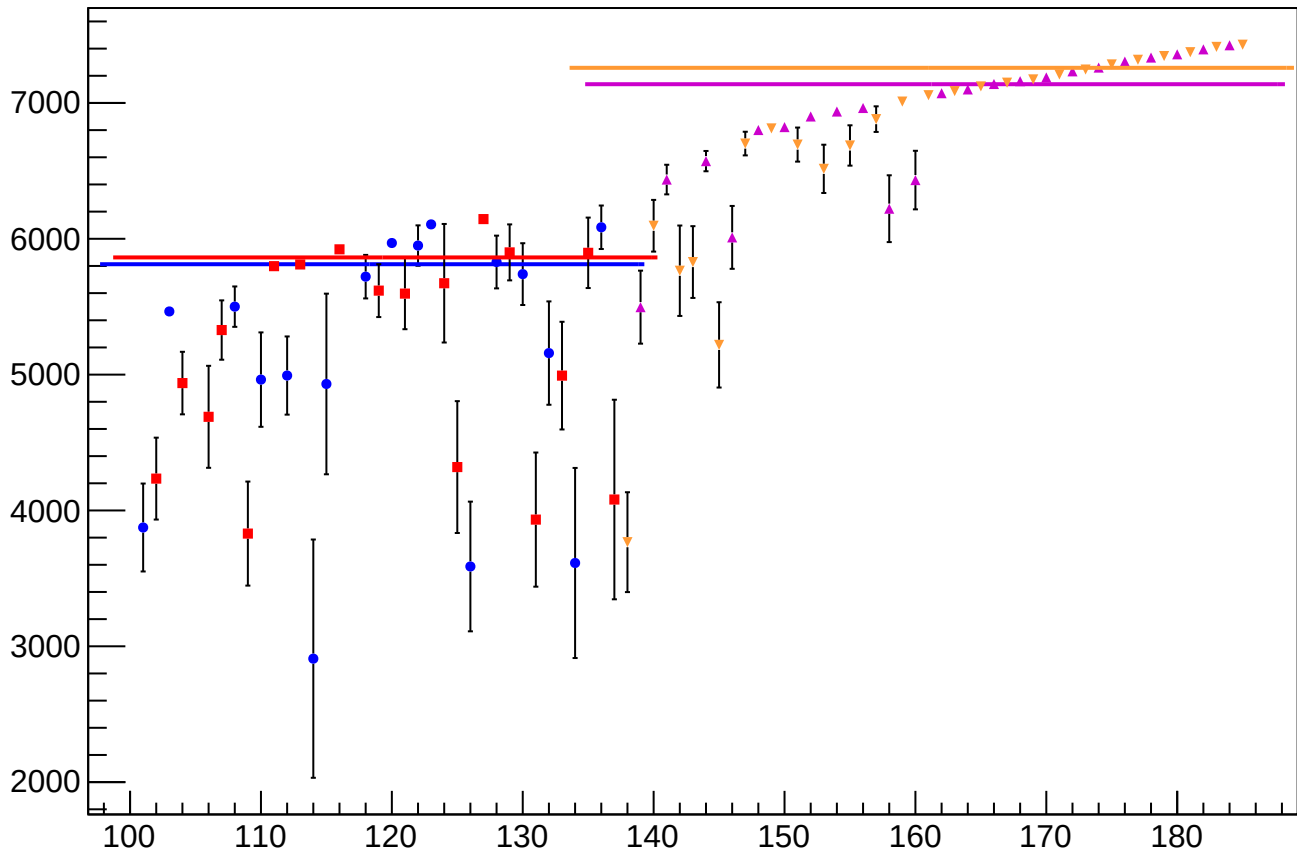
Left In: 7137.987+/-0.098 χ^2 /NDF: 4549121.8/22

+ sign 6933.639+/-0.081 χ^2 /NDF: 62160937.3/41

All: 6823.107+/-0.057 χ^2 /NDF: 126611027.2

- sign 6714.188+/-0.080 χ^2 /NDF: 60740936.0/40

dit_run_rms vs Slug



Right In: 5812.740+/-0.171 χ^2/NDF : 2217854.6/16

Left Out: 7258.635+/-0.092 χ^2/NDF : 4237942.4/24

+ sign 6933.639+/-0.081 χ^2/NDF : 62160937.3/41

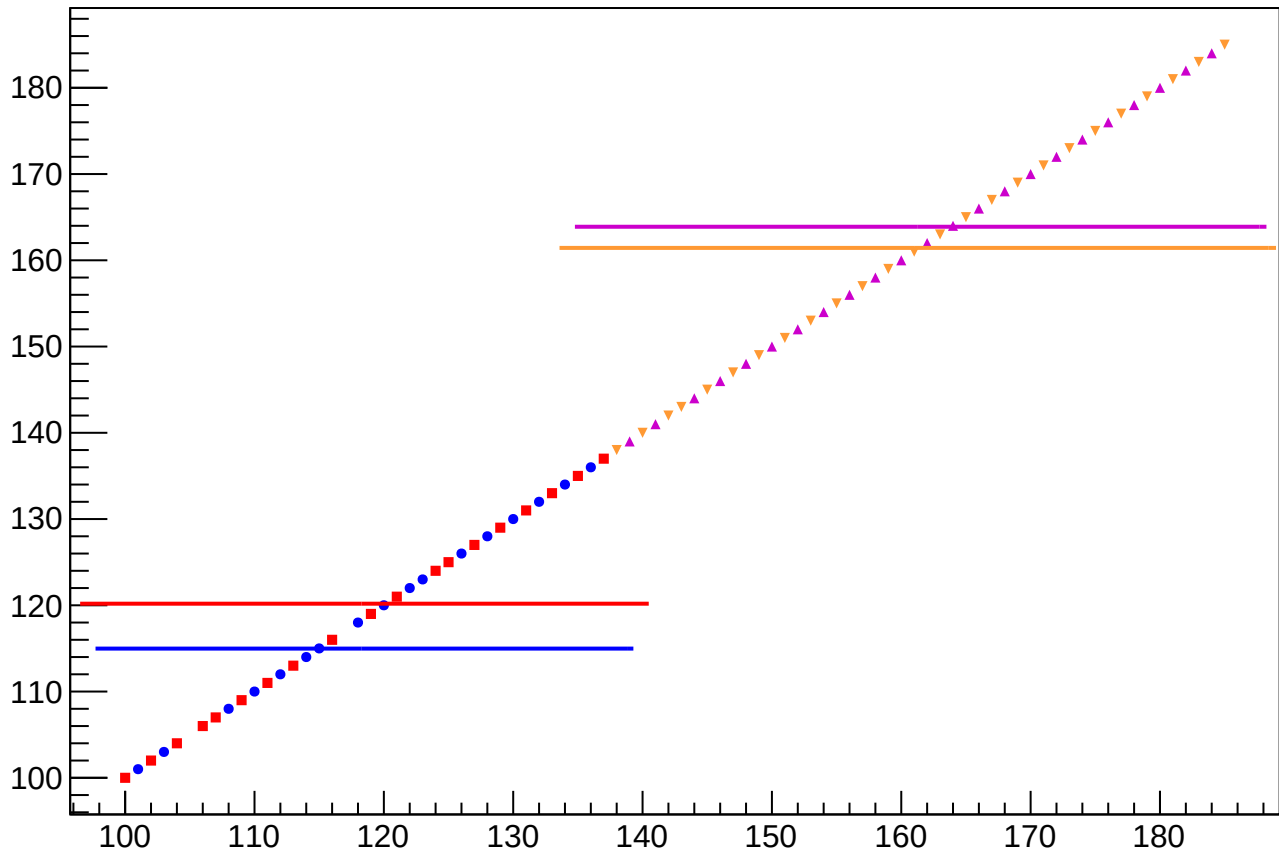
Right Out: 5862.788+/-0.139 χ^2/NDF : 199291.9/17

All: 6823.107+/-0.057 χ^2/NDF : 126611027.2

- sign 6714.188+/-0.080 χ^2/NDF : 60740936.0/40

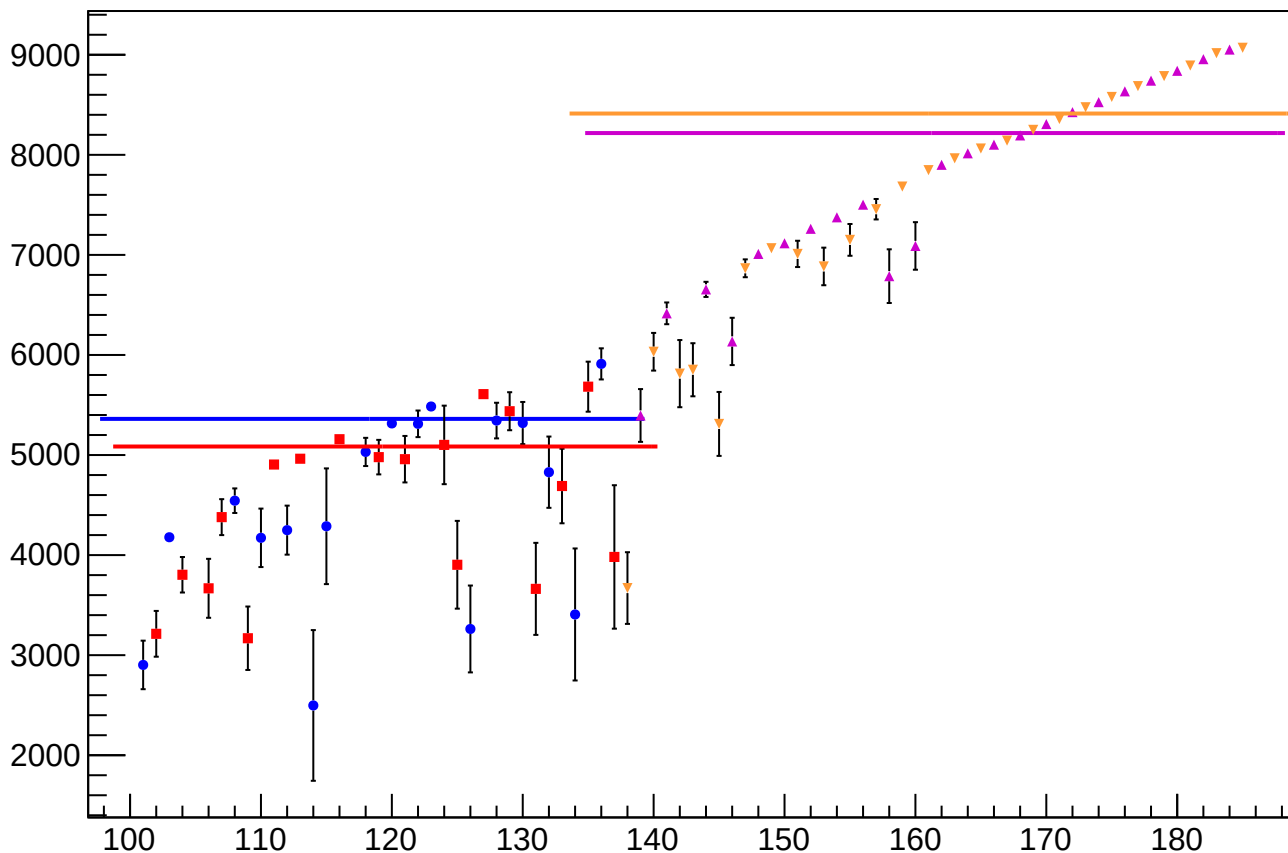
Left In: 7137.987+/-0.098 χ^2/NDF : 4549121.8/22

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 161.437+/-0.000 χ^2/NDF : 144351415086772086919986205949952.0/24
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 163.890+/-0.000 χ^2/NDF : 206308926090069183709360387260416.0/22

dit_cyclenum_mean vs Slug



Right In: 5361.298 $\pm$ 0.441 χ^2 /NDF: 607948.2/16

Left Out: 8412.743 $\pm$ 0.396 χ^2 /NDF: 2106513.2/24

Right Out: 5085.163 $\pm$ 0.644 χ^2 /NDF: 80603.0/17

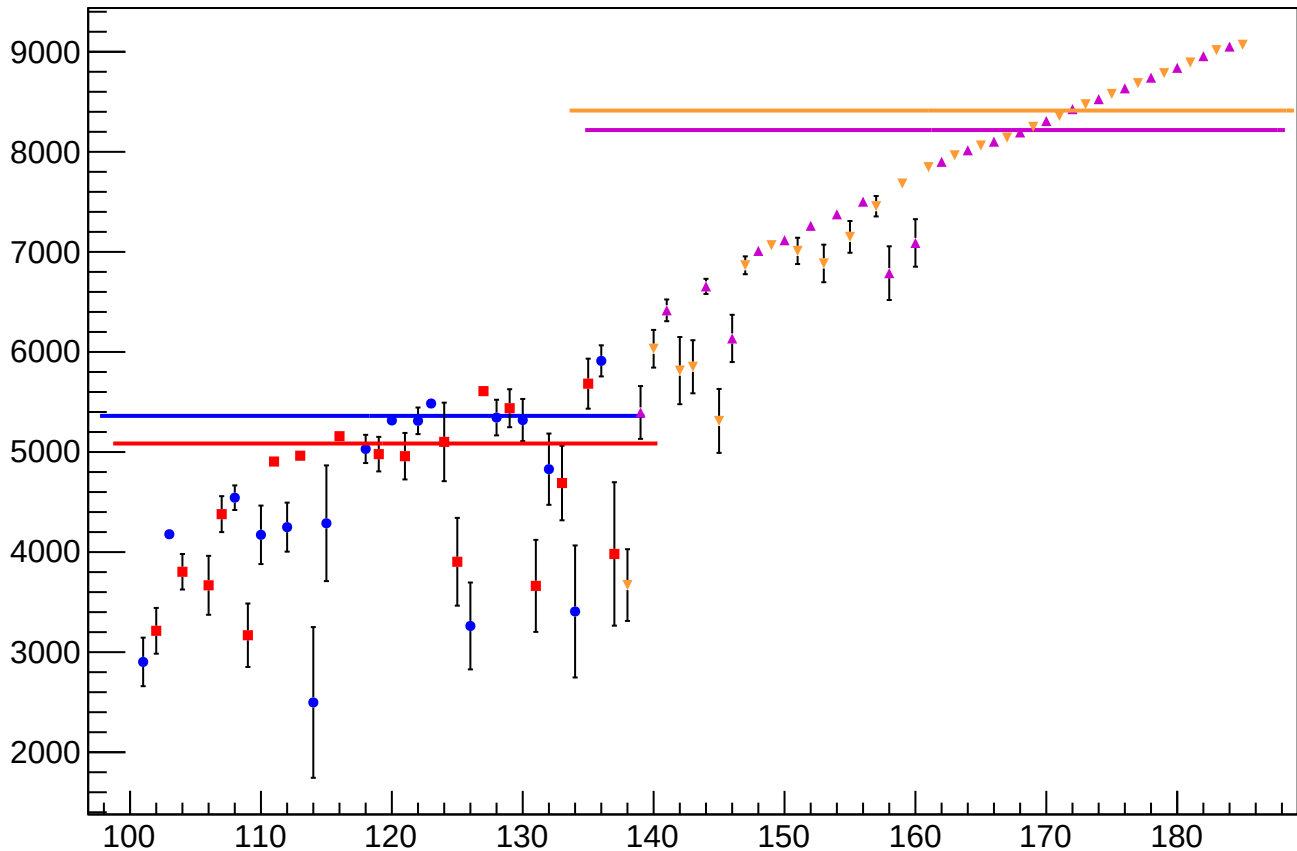
Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ sign 7052.681 $\pm$ 0.295 χ^2 /NDF: 29216414.4/41

All: 7210.349 $\pm$ 0.219 χ^2 /NDF: 50451759.5/8

- sign 7405.502 $\pm$ 0.328 χ^2 /NDF: 20594472.1/40

dit_cyclenum_rms vs Slug



Right In: 5361.298 ± 0.441 χ^2/NDF : 607948.2/16

Left Out: 8412.743 ± 0.396 χ^2/NDF : 2106513.2/24

Right Out: 5085.163 ± 0.644 χ^2/NDF : 80603.0/17

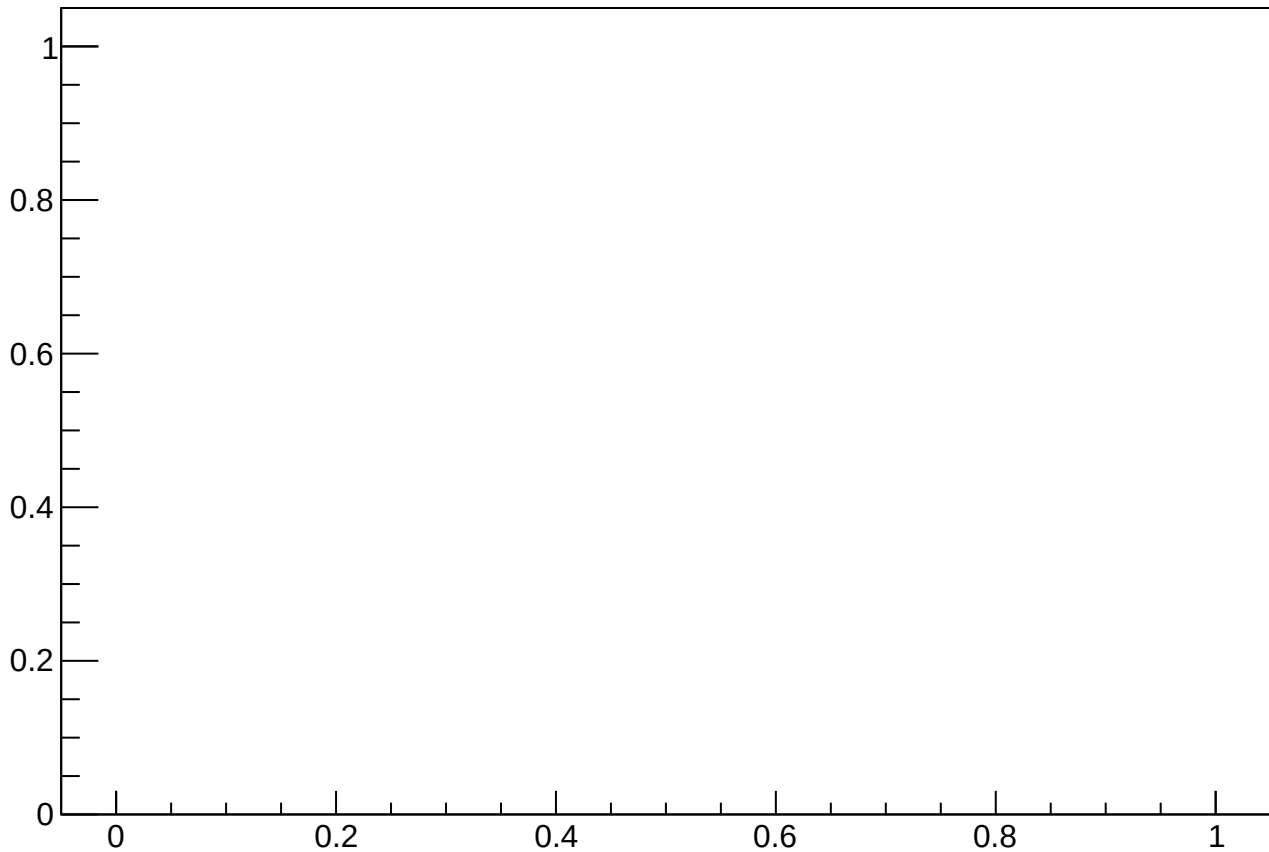
Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ sign 7052.681 ± 0.295 χ^2/NDF : 29216414.4/41

All: 7210.349 ± 0.219 χ^2/NDF : 50451759.5/8

- sign 7405.502 ± 0.328 χ^2/NDF : 20594472.1/40

dit_scandata1_mean vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug



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

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

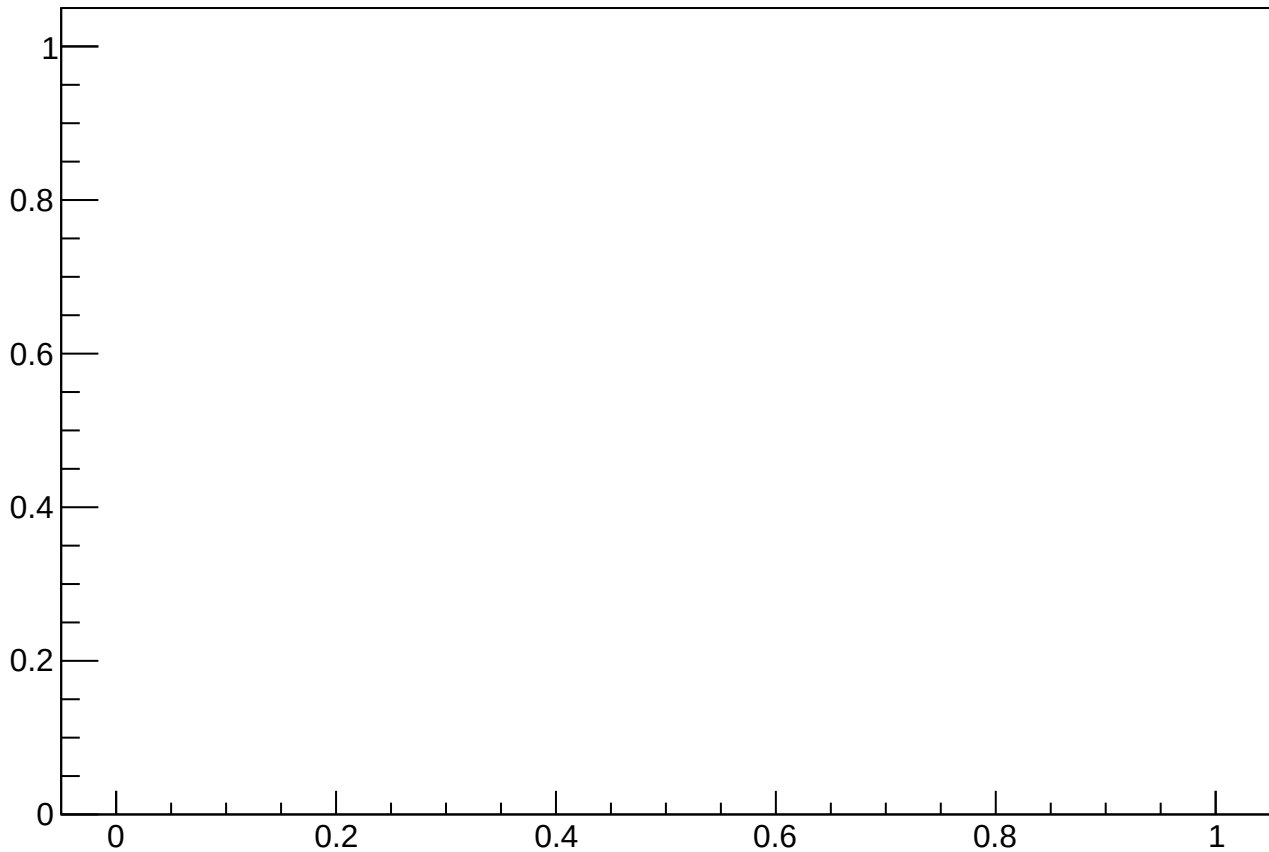
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_mean vs Slug



Right In: 0.000+/-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_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

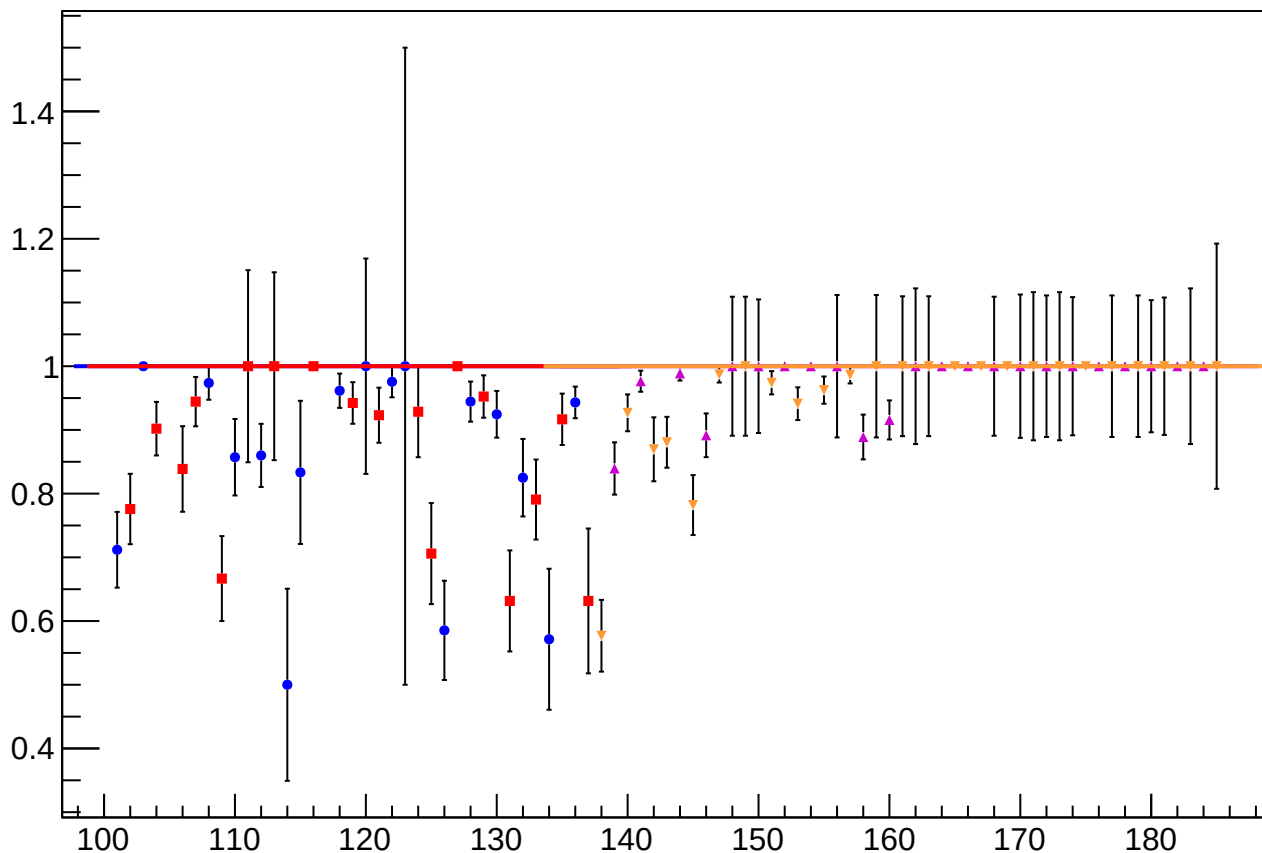
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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+/-0.000 χ^2/NDF : 118.6/16

Left Out: 1.000+/-0.000 χ^2/NDF : 1591.4/24

Right Out: 1.000+/-0.000 χ^2/NDF : 192.3/17

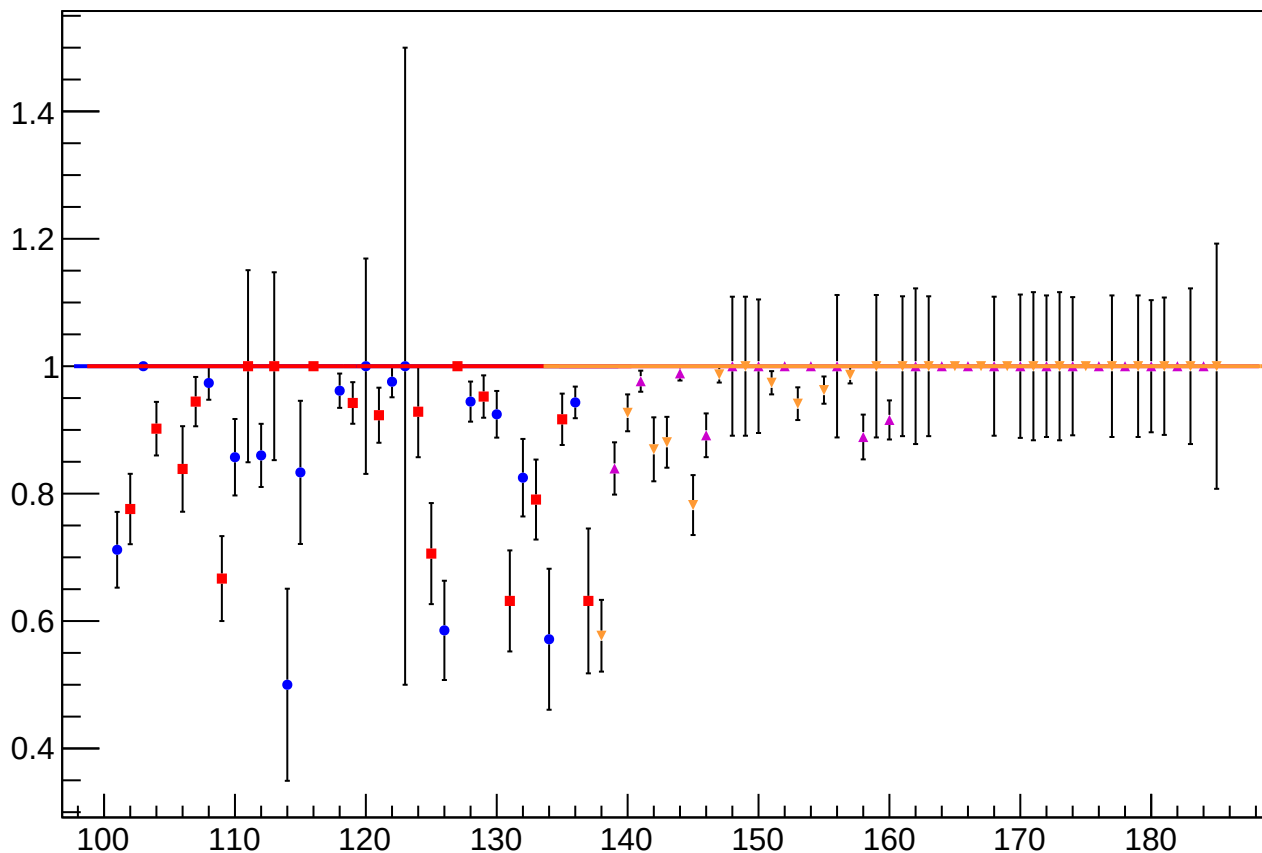
Left In: 1.000+/-0.000 χ^2/NDF : 385.6/22

+ sign 1.000+/-0.000 χ^2/NDF : 584.9/41

All: 1.000+/-0.000 χ^2/NDF : 1541.1/82

- sign 1.000+/-0.000 χ^2/NDF : 1019.1/40

dit_flag_rms vs Slug



Right In: 1.000+/-0.000 χ^2/NDF : 118.6/16

Left Out: 1.000+/-0.000 χ^2/NDF : 1591.4/24

Right Out: 1.000+/-0.000 χ^2/NDF : 192.3/17

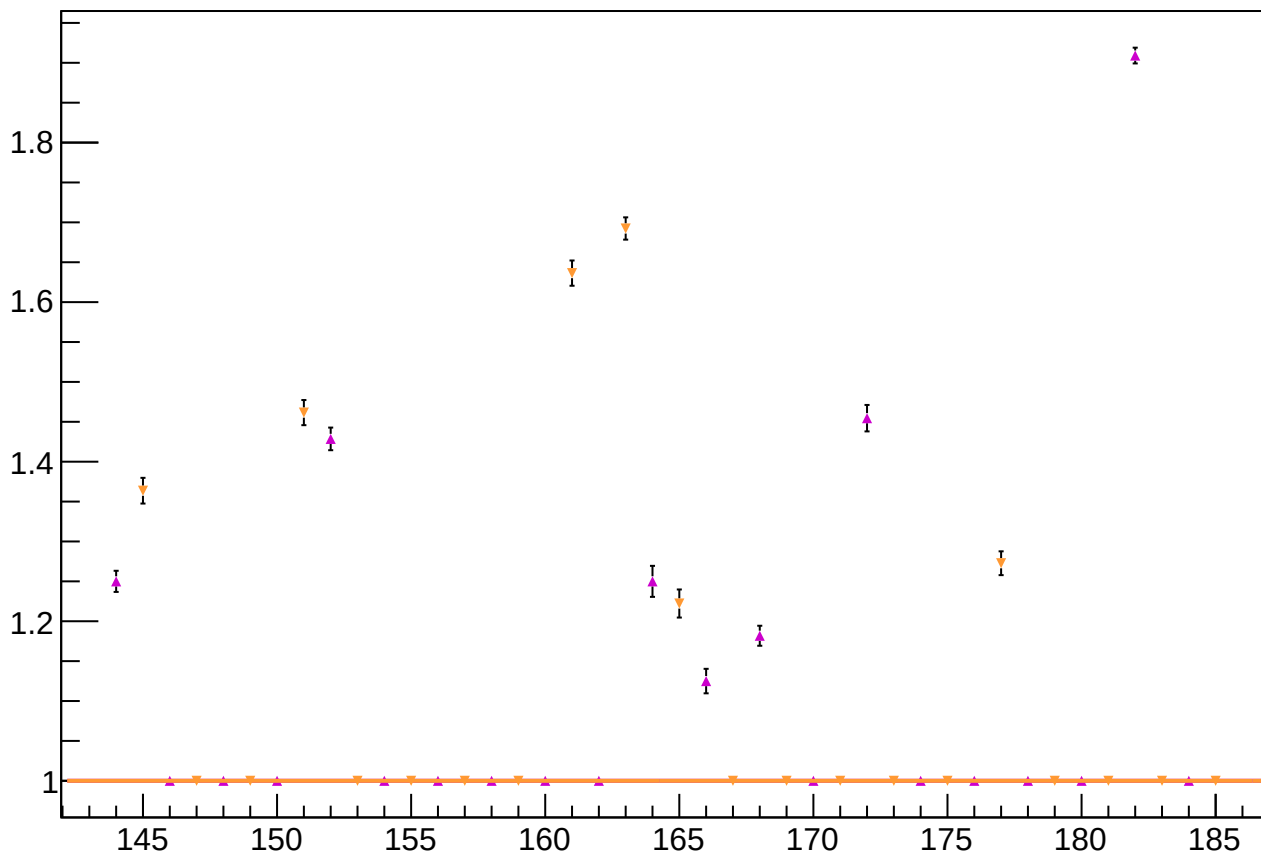
Left In: 1.000+/-0.000 χ^2/NDF : 385.6/22

+ sign 1.000+/-0.000 χ^2/NDF : 584.9/41

All: 1.000+/-0.000 χ^2/NDF : 1541.1/82

- sign 1.000+/-0.000 χ^2/NDF : 1019.1/40

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

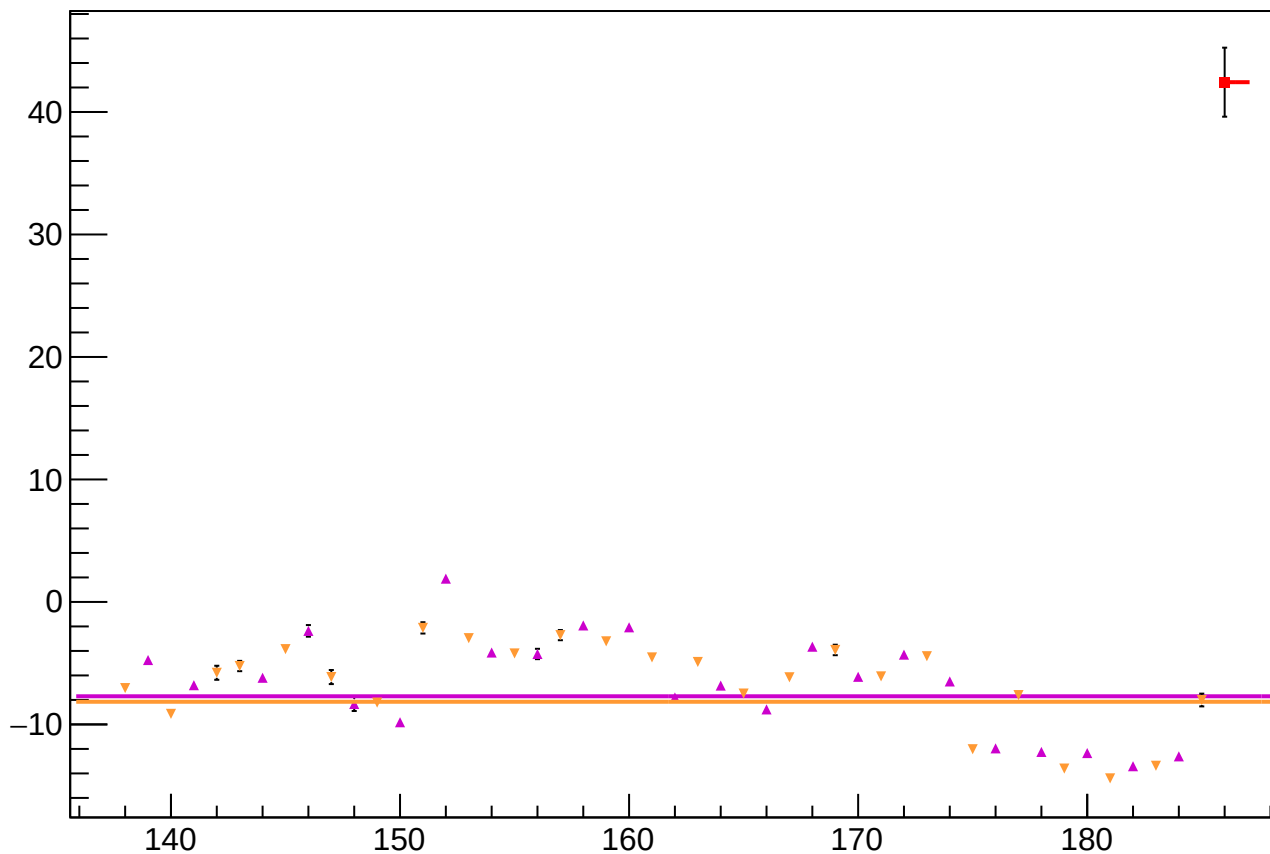
Left In: 1.000+/-0.000 χ^2/NDF :12089.0/20

+ 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

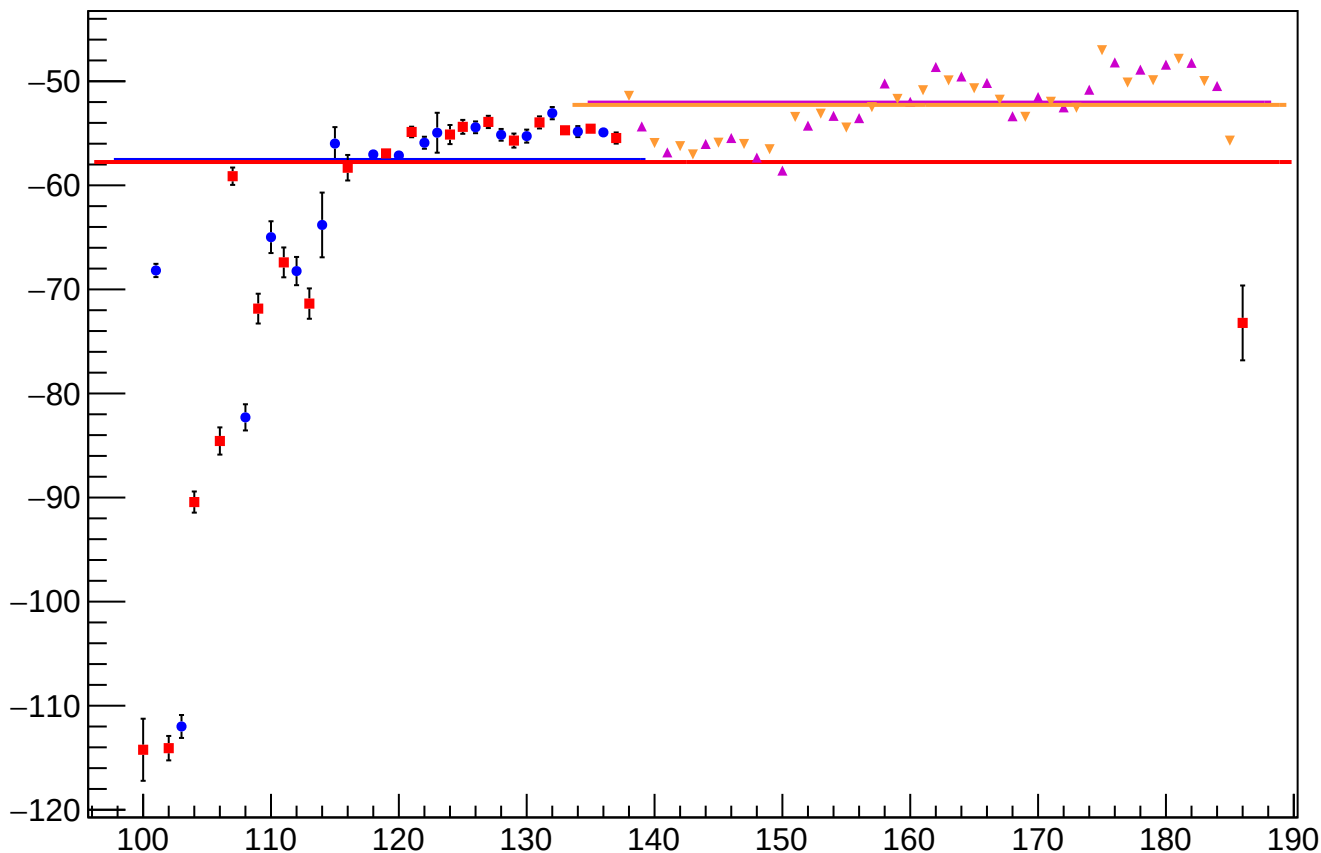
Left In: -7.701 $\pm$ 0.068 χ^2 /NDF: 3737.2/22

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

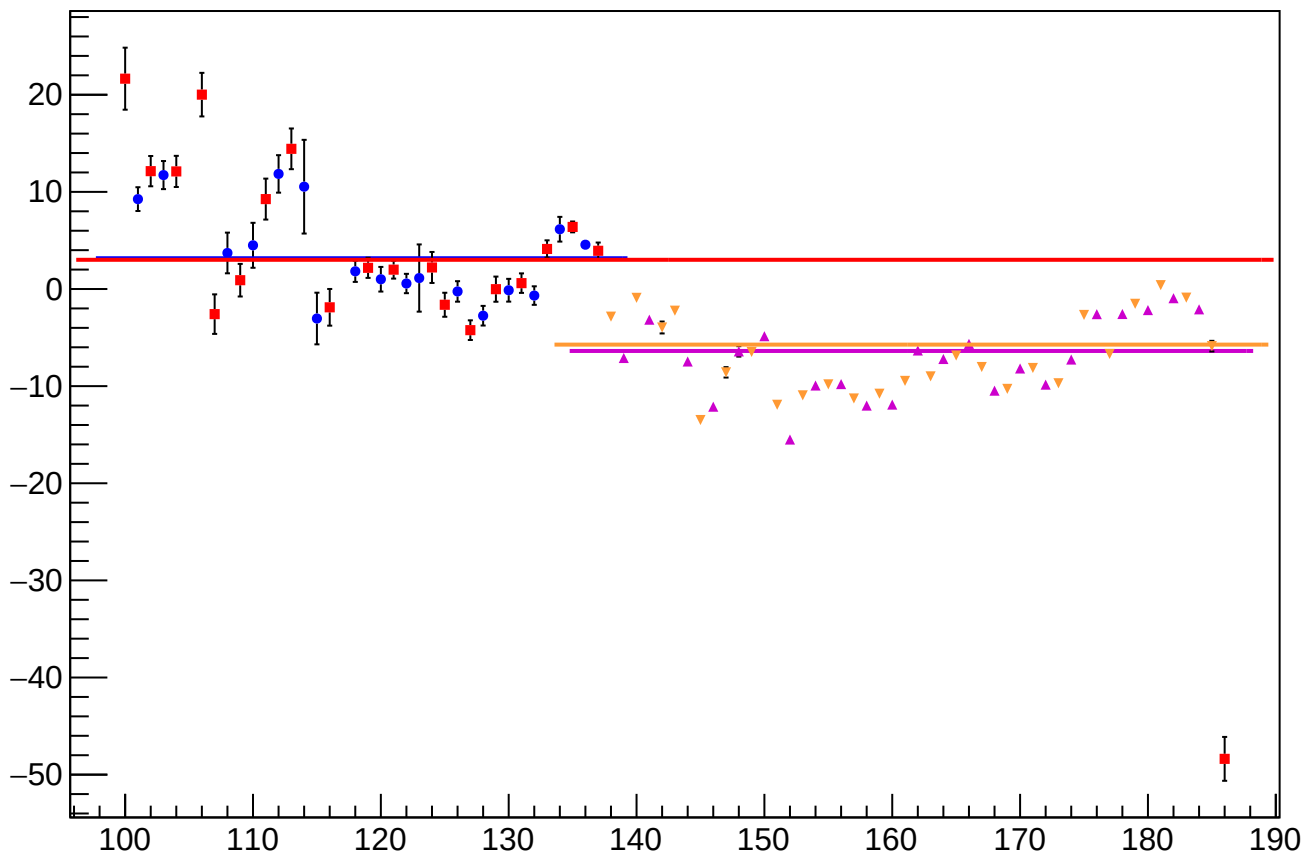
All: -7.914 $\pm$ 0.048 χ^2 /NDF: 7691.4/48

- sign -7.672 $\pm$ 0.068 χ^2 /NDF: 4053.7/23

reg_asym_sam1_diff_bpm4aY_slope vs Slug



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

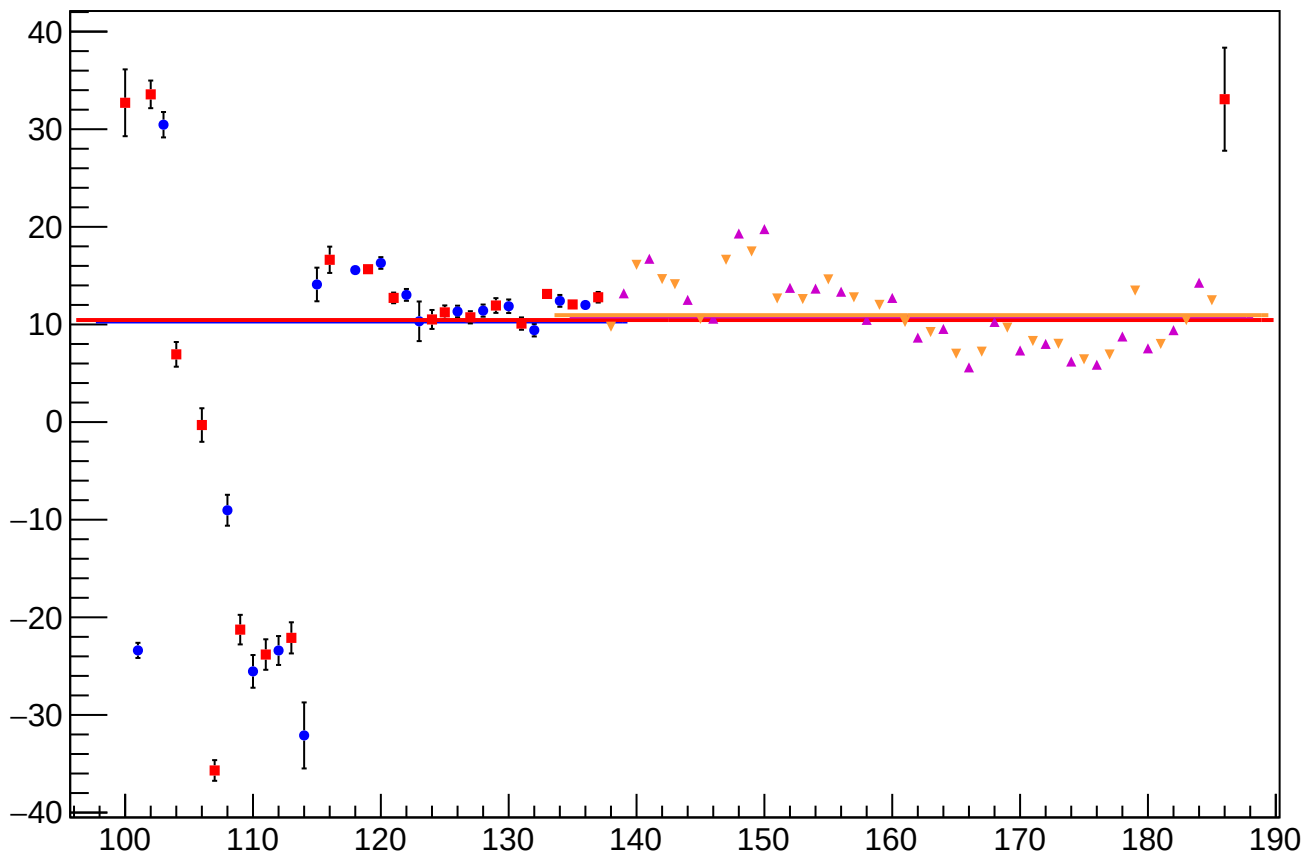
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ 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

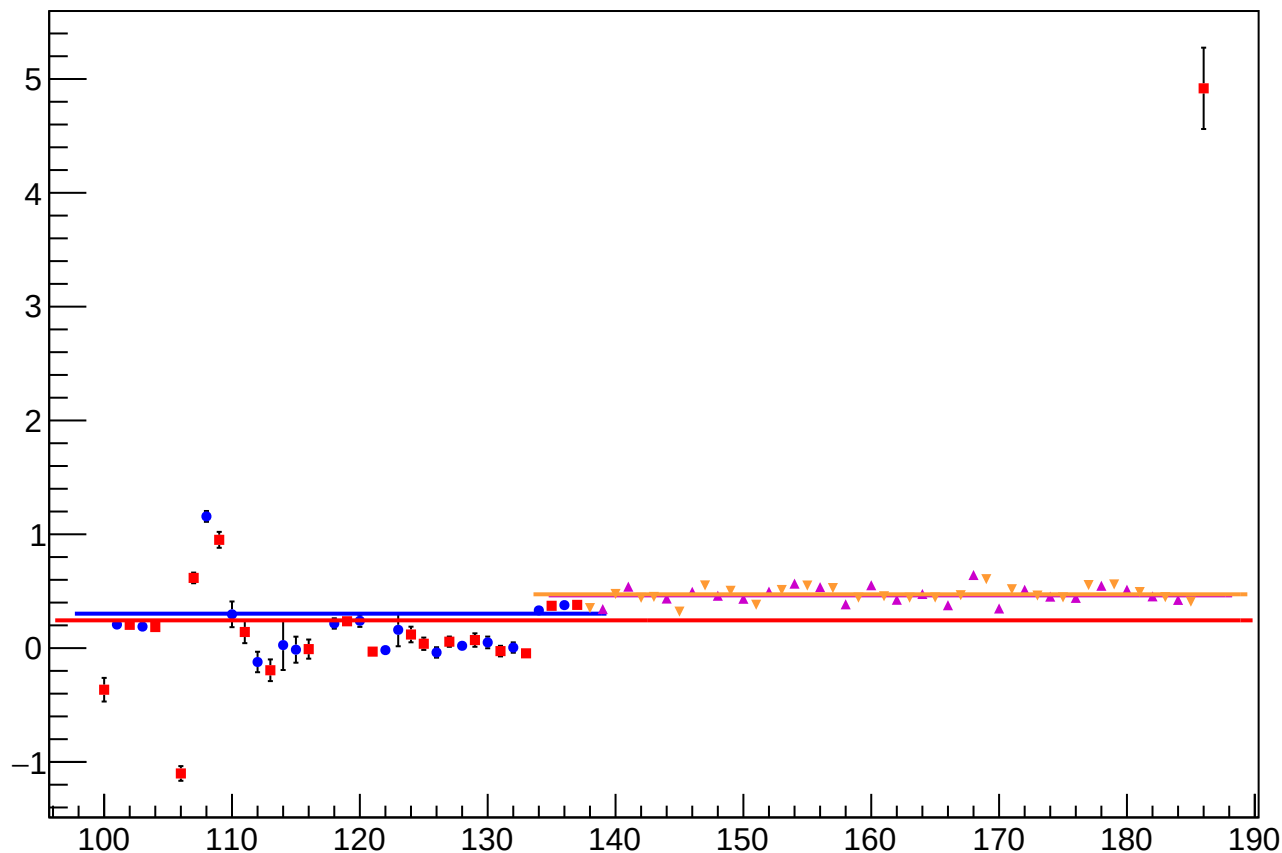
Left In: 10.818 $\pm$ 0.063 χ^2 /NDF: 3577.7/22

+ 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

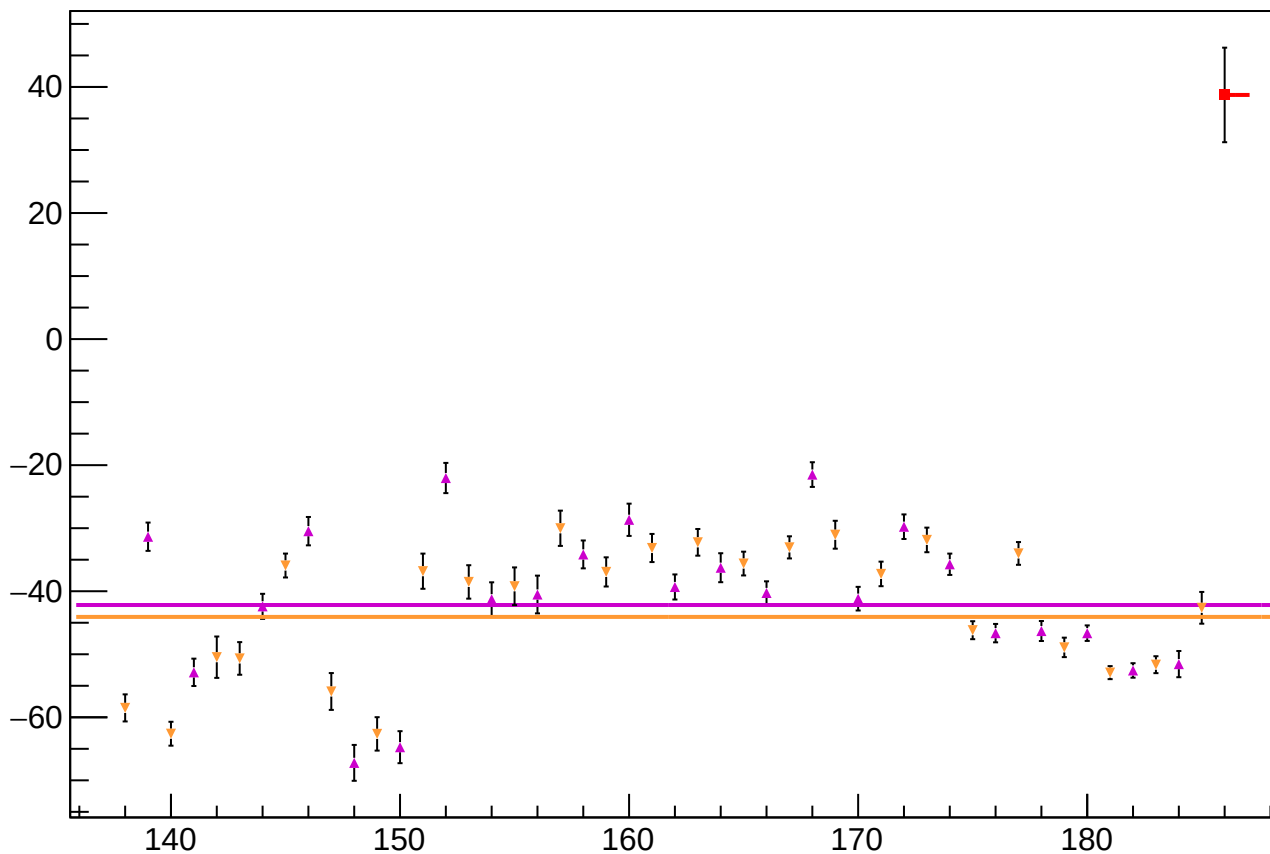
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ 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

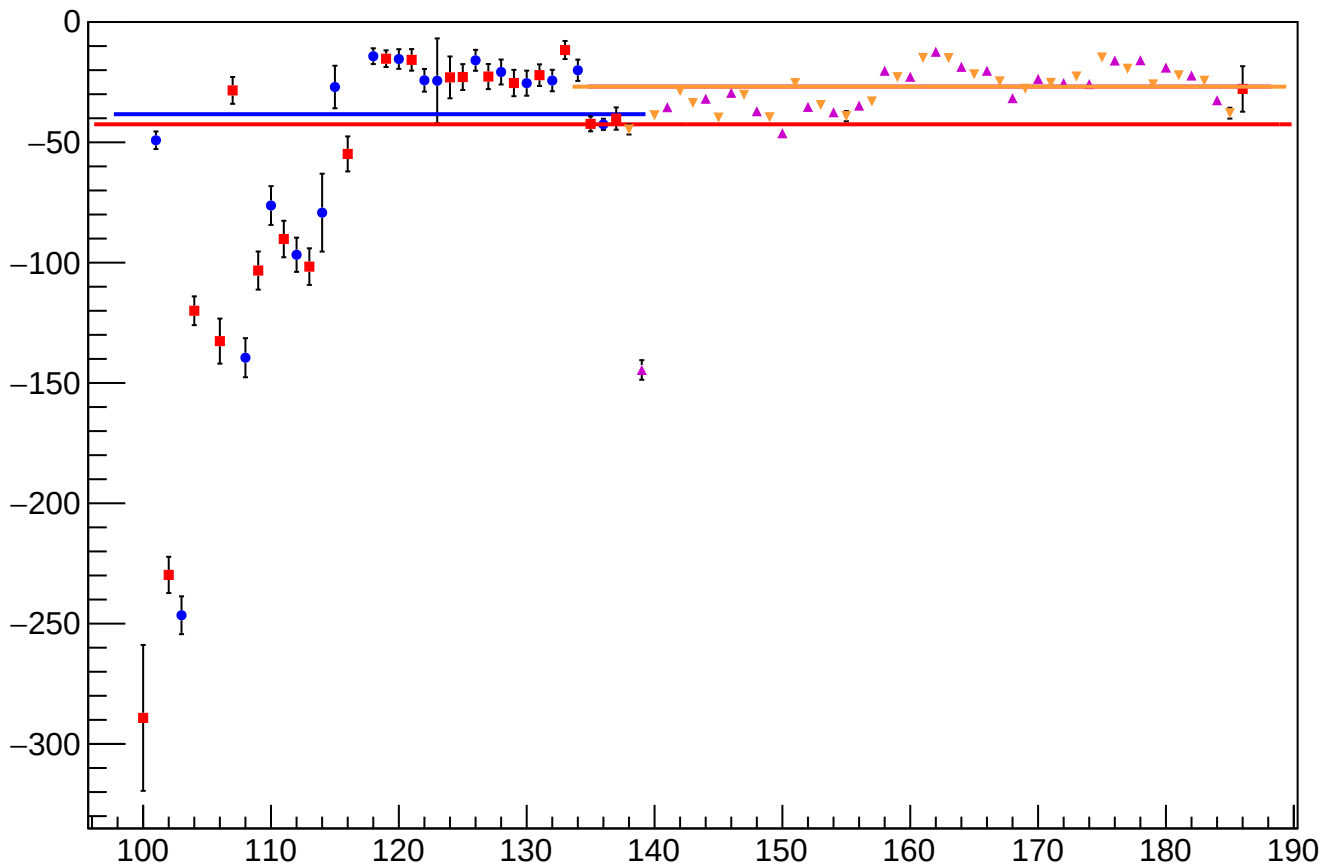
Left In: -42.185 $\pm$ 0.398 χ^2 /NDF: 651.0/22

+ 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 $\chi^2/\text{NDF}: 1344.0/19$

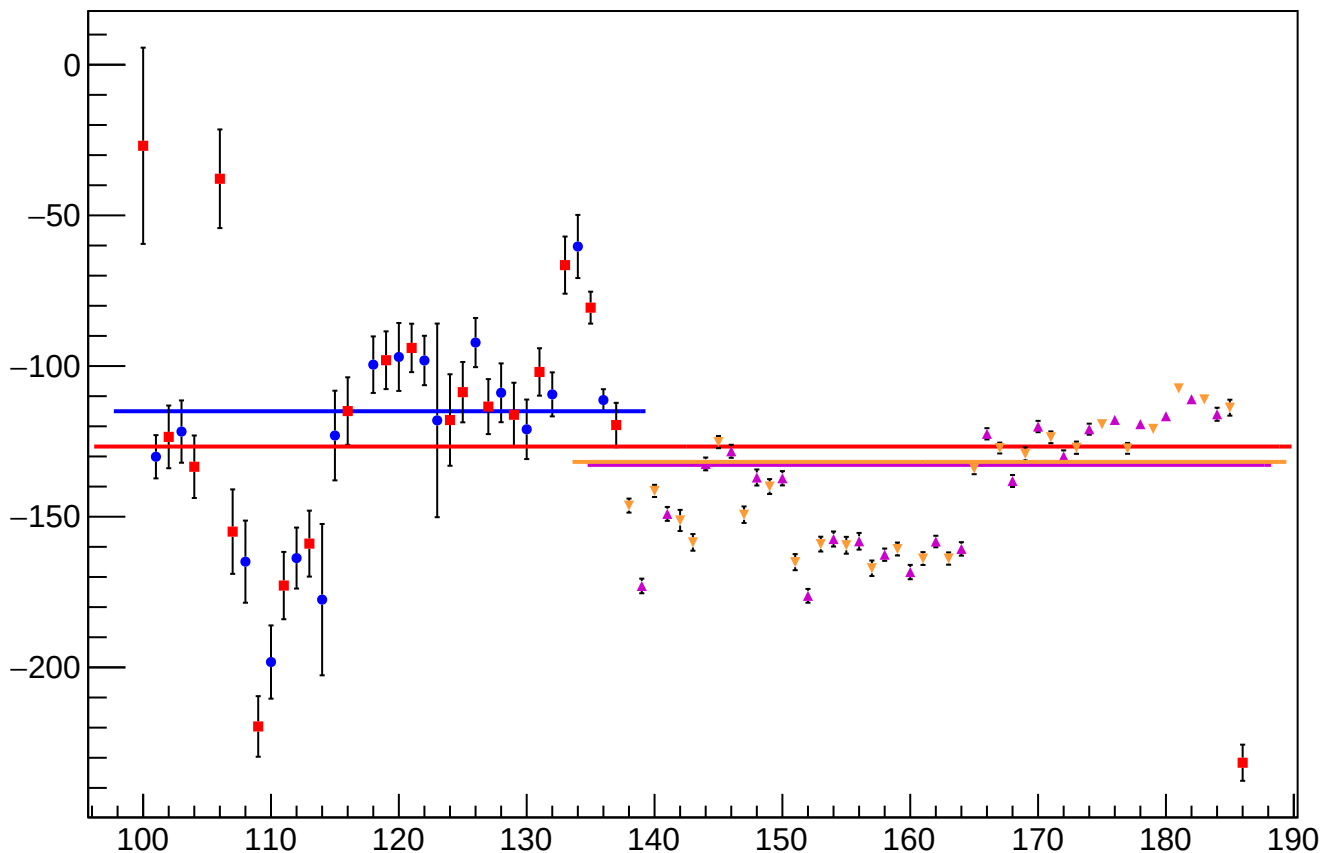
Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

+ 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

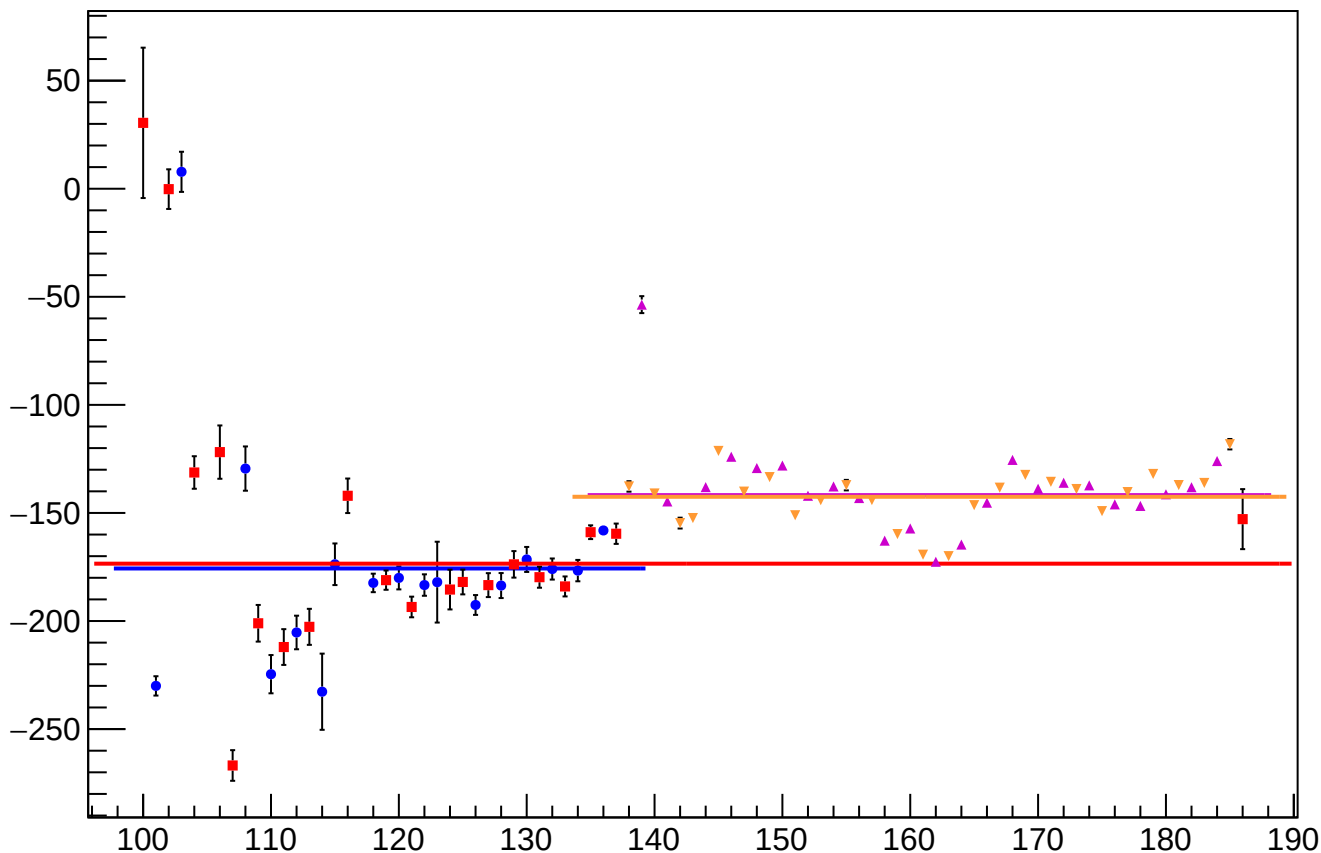
Left In: -132.799 ± 0.398 χ^2/NDF : 2515.9/22

+ 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

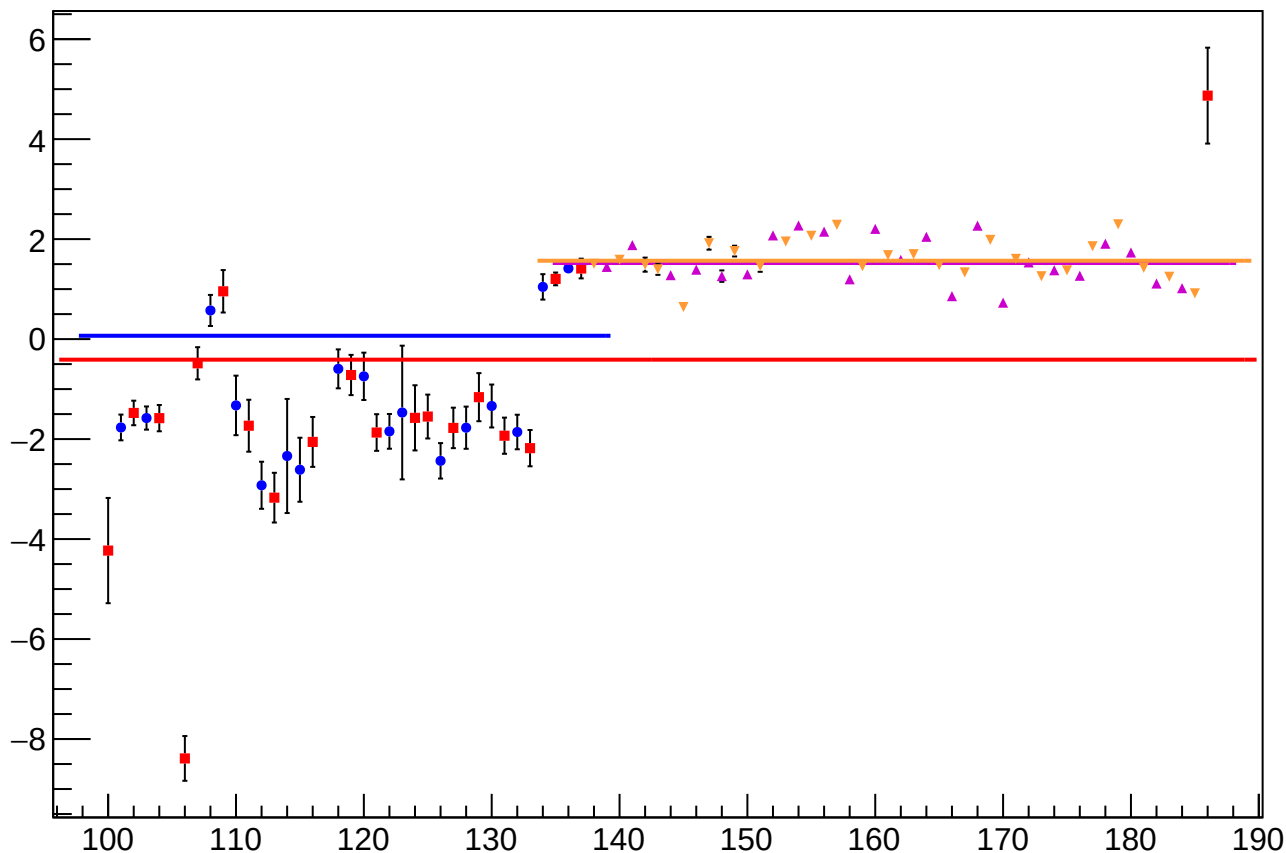
Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

+ 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

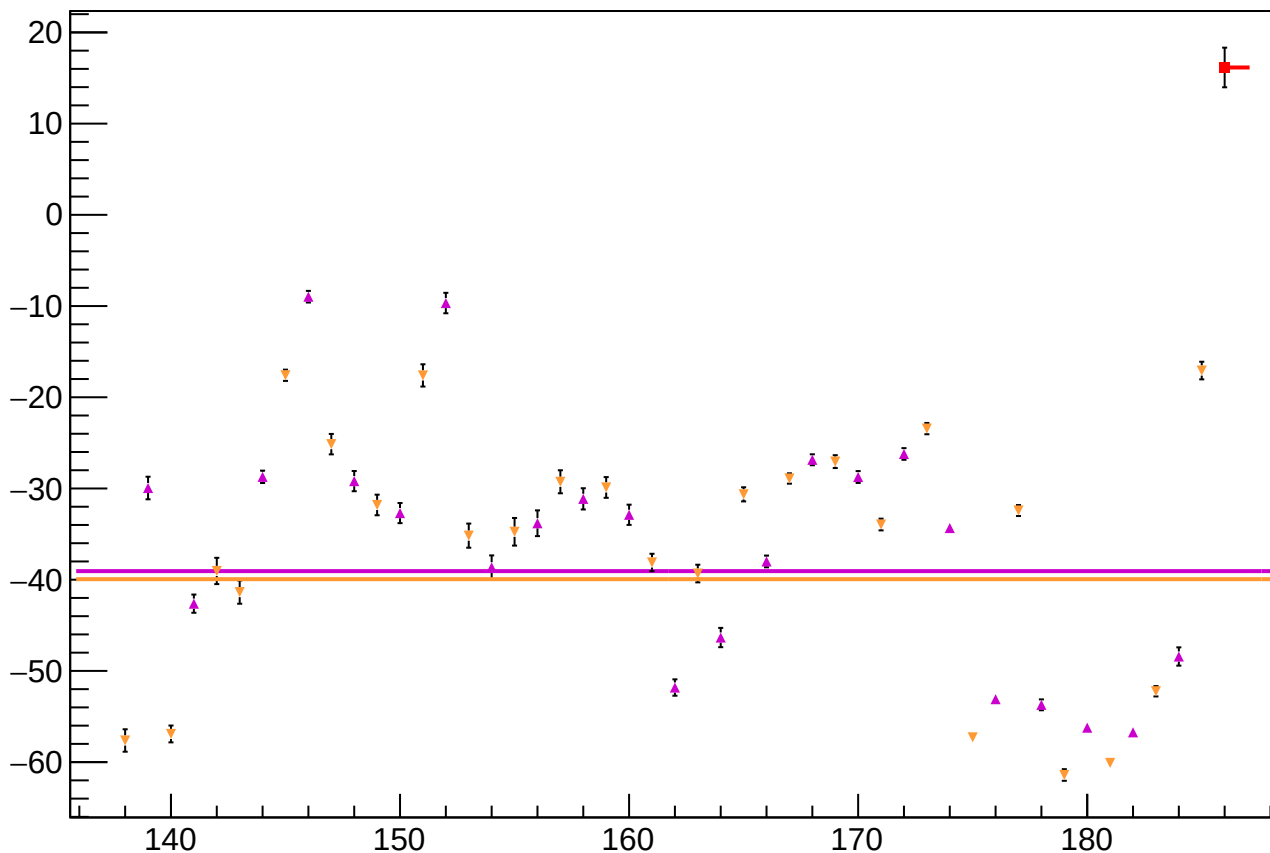
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ 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

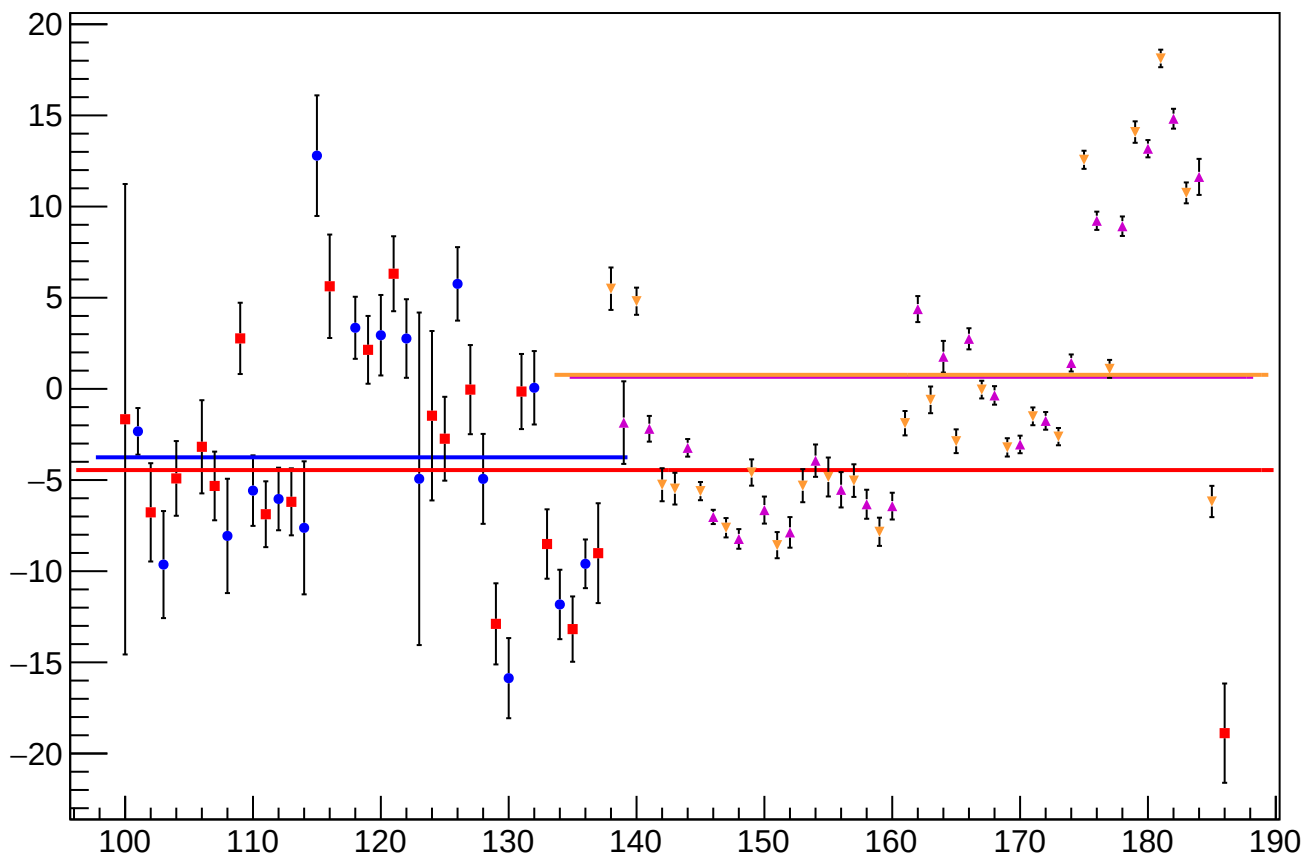
Left In: -39.060 $\pm$ 0.154 χ^2 /NDF:8577.0/22

+ 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 $\chi^2/\text{NDF}: 152.4/19$

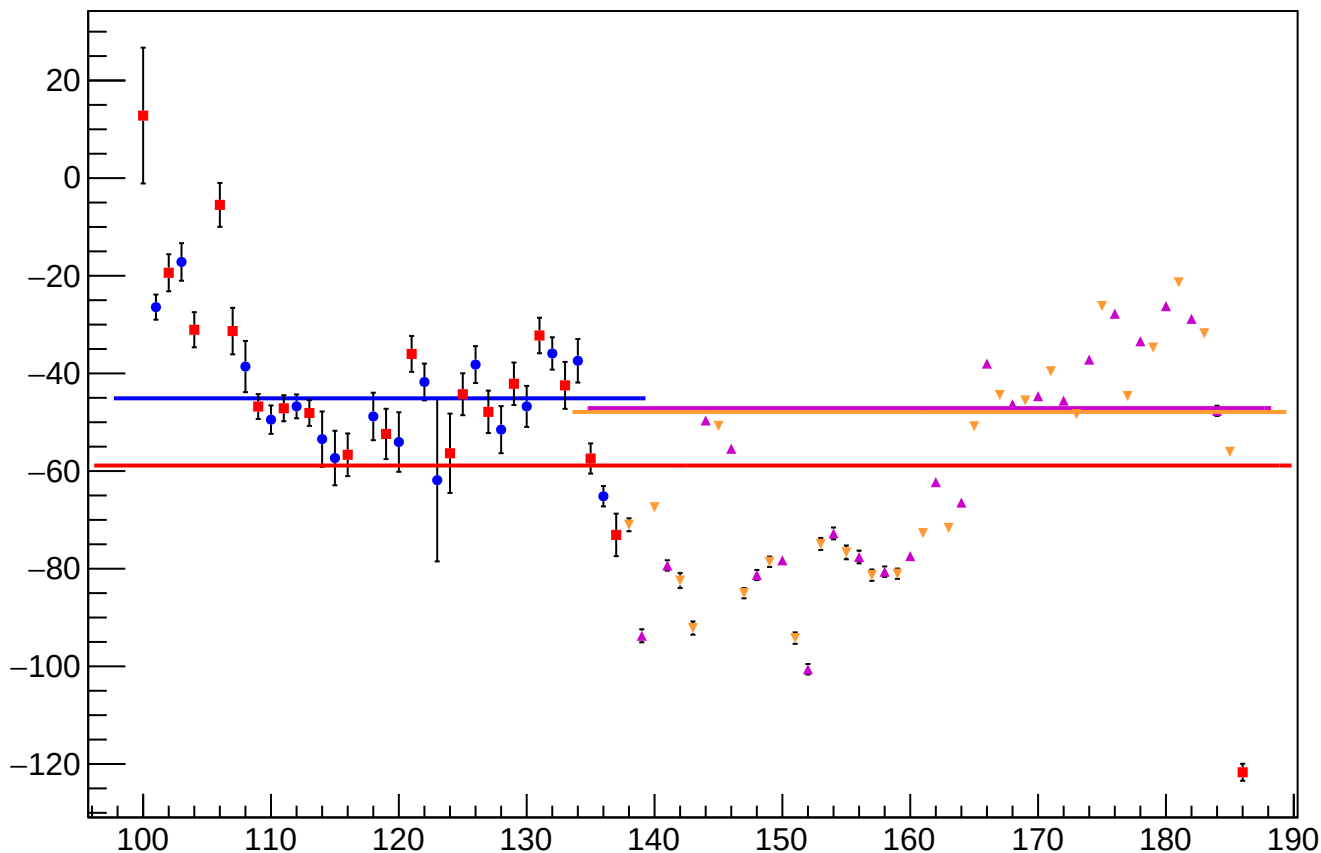
Left In: 0.662 ± 0.124 $\chi^2/\text{NDF}: 3340.9/22$

+ sign 0.502 ± 0.121 $\chi^2/\text{NDF}: 4196.8/41$

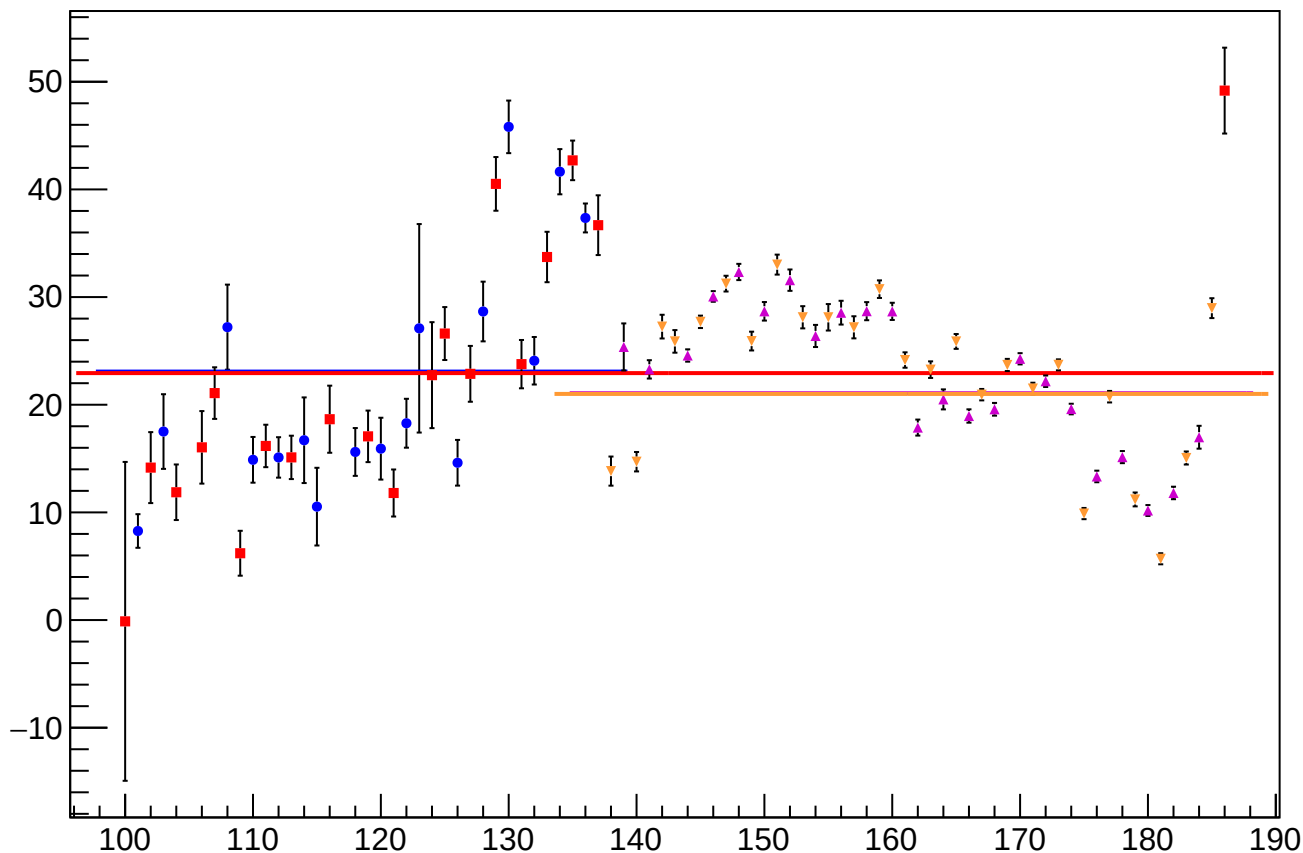
All: 0.433 ± 0.085 $\chi^2/\text{NDF}: 7790.0/84$

- sign 0.364 ± 0.120 $\chi^2/\text{NDF}: 3592.5/42$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



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

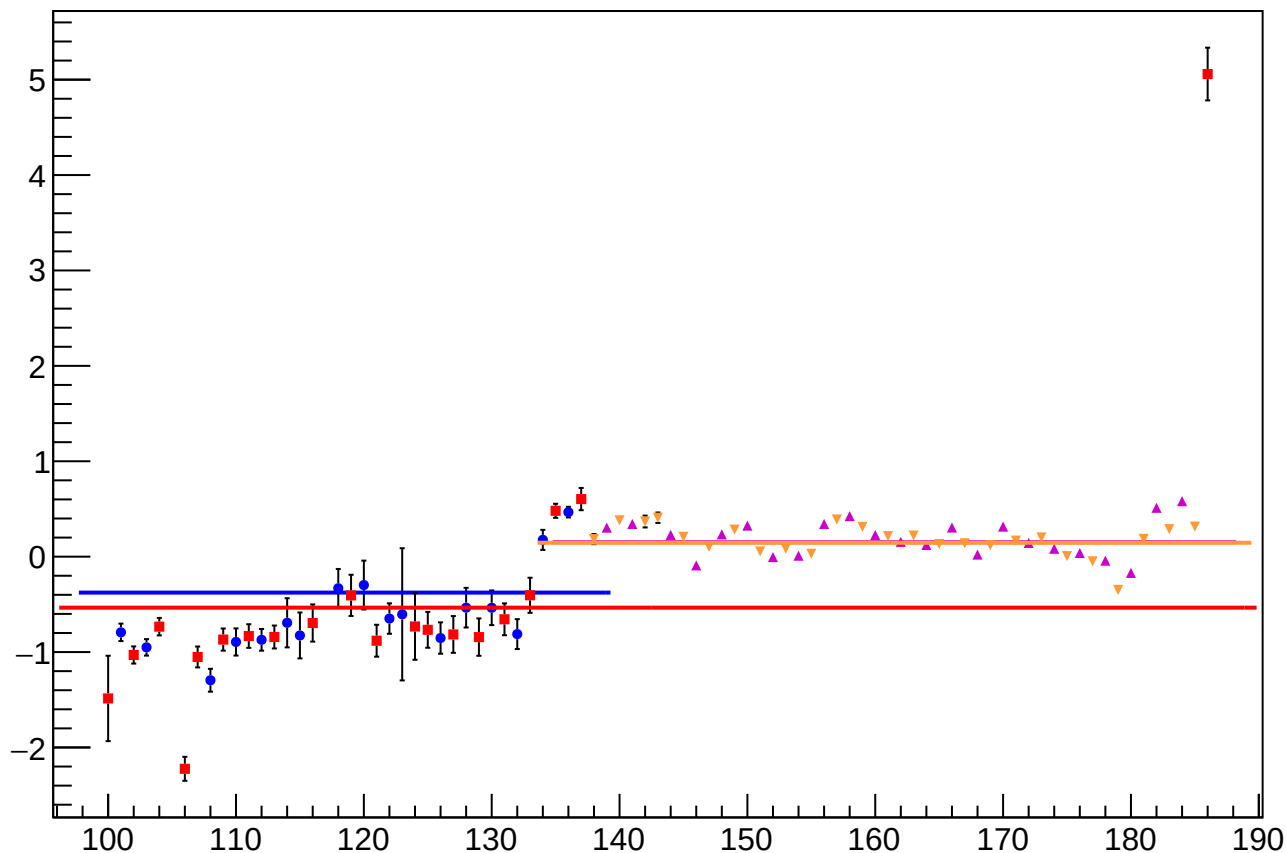
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF: 2176.7/22

+ 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

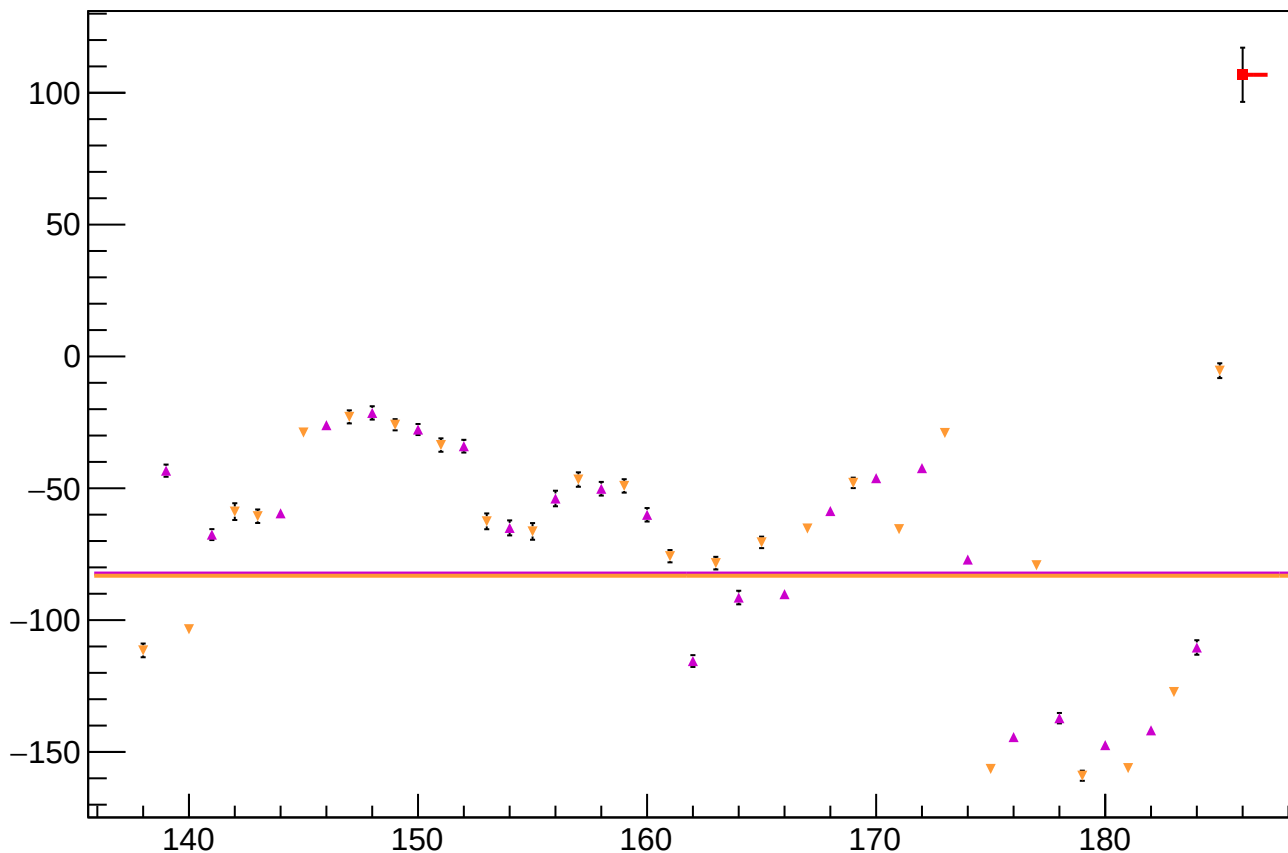
Left In: 0.151 ± 0.006 χ^2/NDF : 873.9/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -83.163 $\pm$ 0.407 χ^2 /NDF:13794.3/24

Right Out: 106.825 $\pm$ 10.282 χ^2 /NDF: 0.0/0

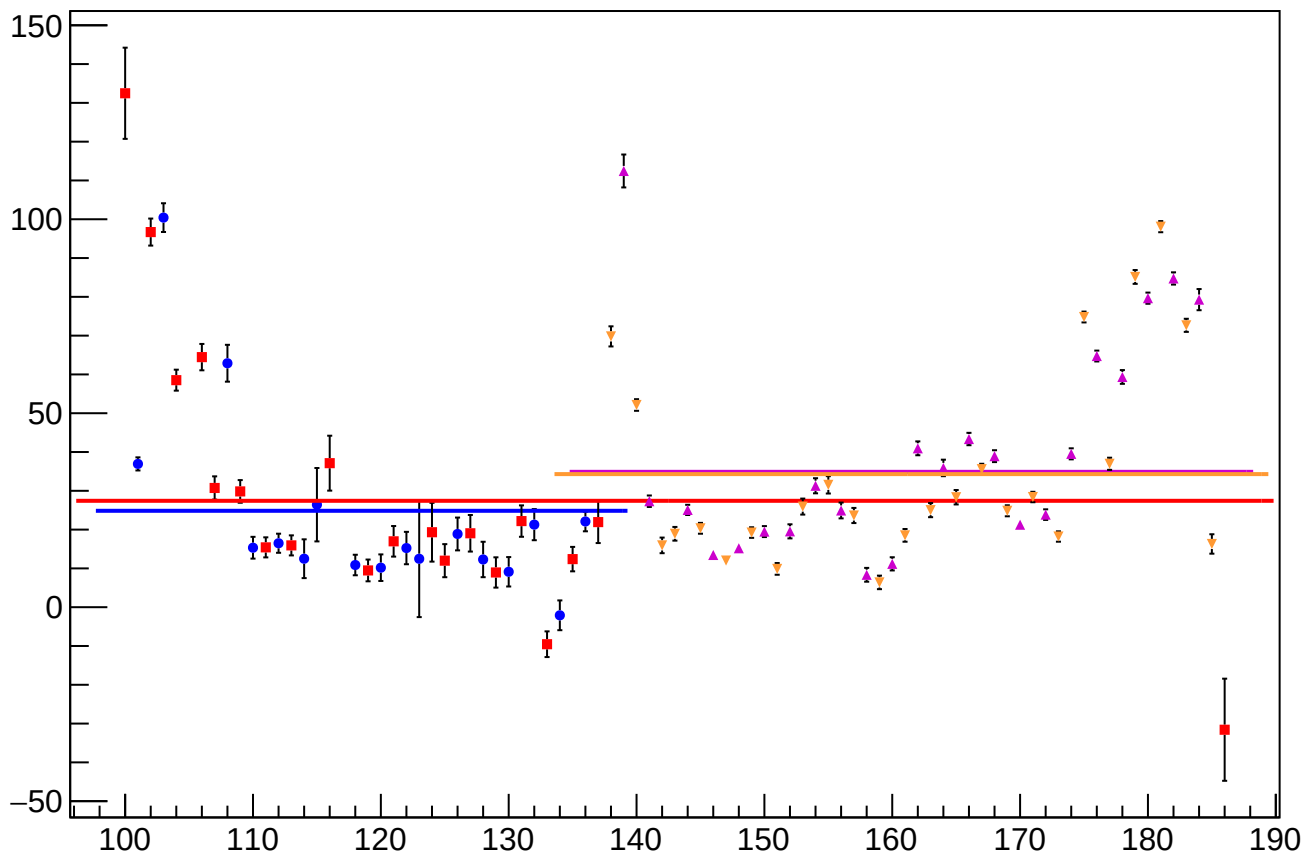
Left In: -82.342 $\pm$ 0.413 χ^2 /NDF:10954.9/22

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

All: -82.608 $\pm$ 0.290 χ^2 /NDF: 25090.9/48

- sign -82.038 $\pm$ 0.413 χ^2 /NDF: 11292.9/23

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 34.306 $\pm$ 0.321 χ^2 /NDF:6163.7/24

Right Out: 27.424 $\pm$ 0.809 χ^2 /NDF: 1029.3/19

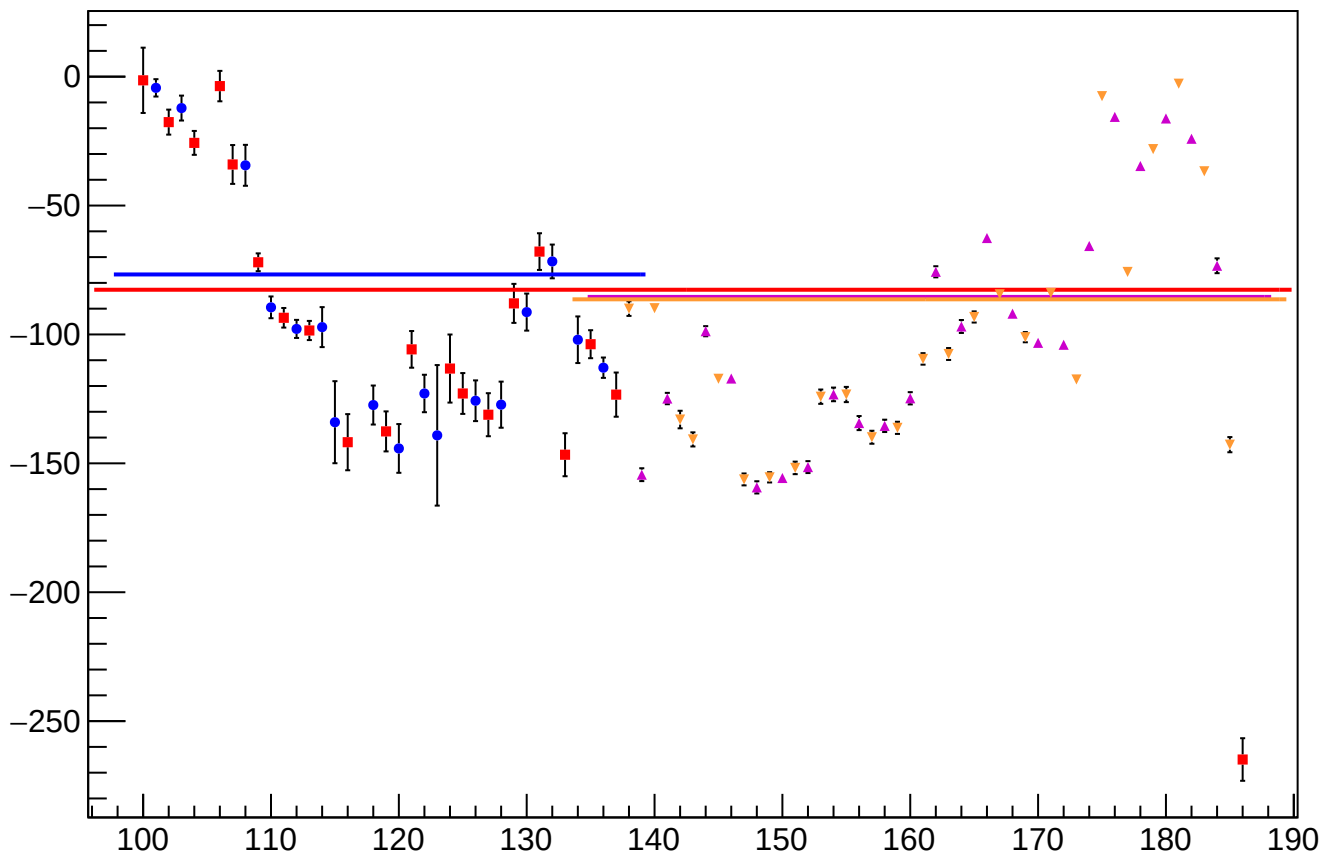
Left In: 34.893 $\pm$ 0.328 χ^2 /NDF:4754.6/22

+ sign 32.997 $\pm$ 0.298 χ^2 /NDF: 6974.7/41

All: 33.408 $\pm$ 0.213 χ^2 /NDF: 12835.7/84

- sign 33.837 $\pm$ 0.304 χ^2 /NDF: 5857.1/42

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -86.377 ± 0.409 $\chi^2/\text{NDF}: 14435.1/24$

Right Out: -82.659 ± 1.334 $\chi^2/\text{NDF}: 1371.9/19$

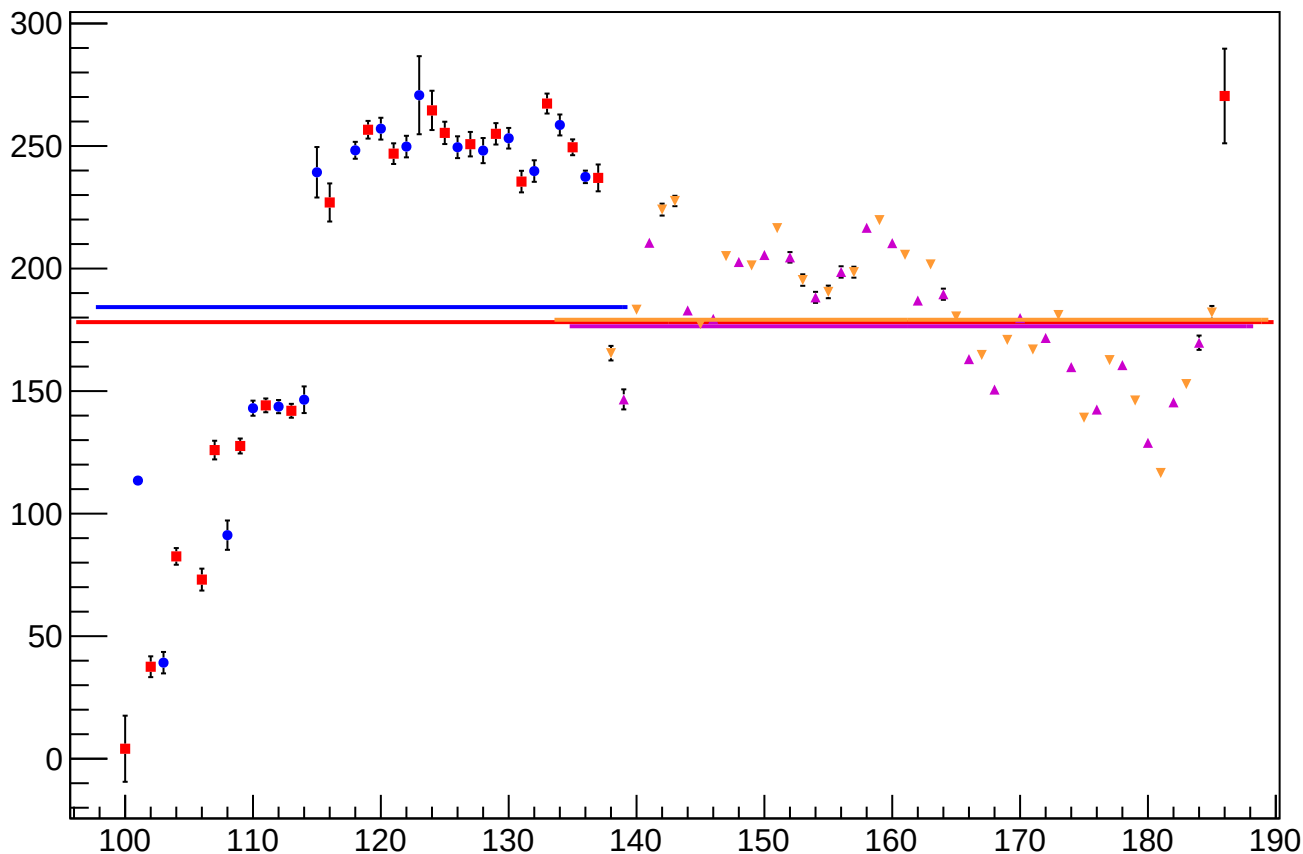
Left In: -85.441 ± 0.413 $\chi^2/\text{NDF}: 12998.9/22$

+ sign -85.630 ± 0.393 $\chi^2/\text{NDF}: 15520.2/41$

All: -85.415 ± 0.278 $\chi^2/\text{NDF}: 29895.5/84$

- sign -85.198 ± 0.395 $\chi^2/\text{NDF}: 14374.7/42$

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

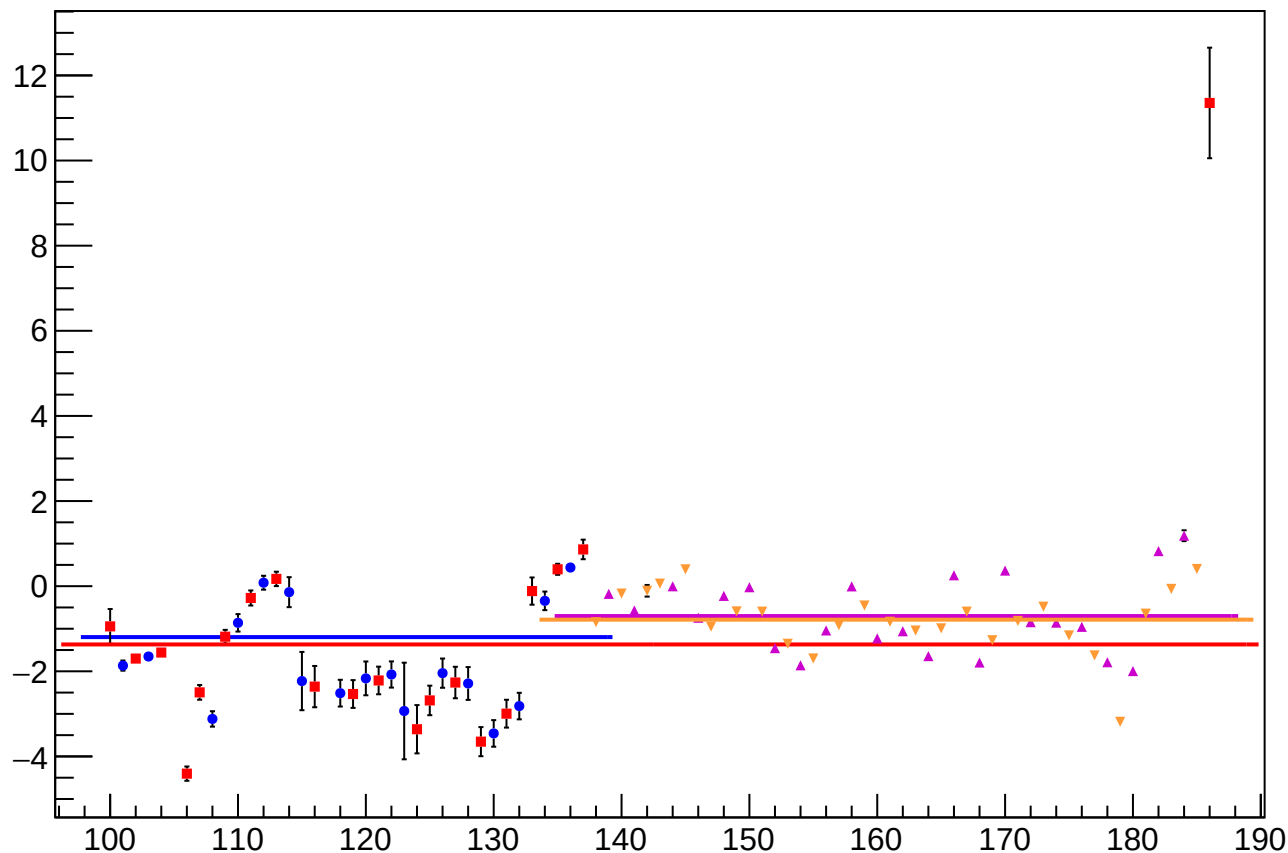
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ 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

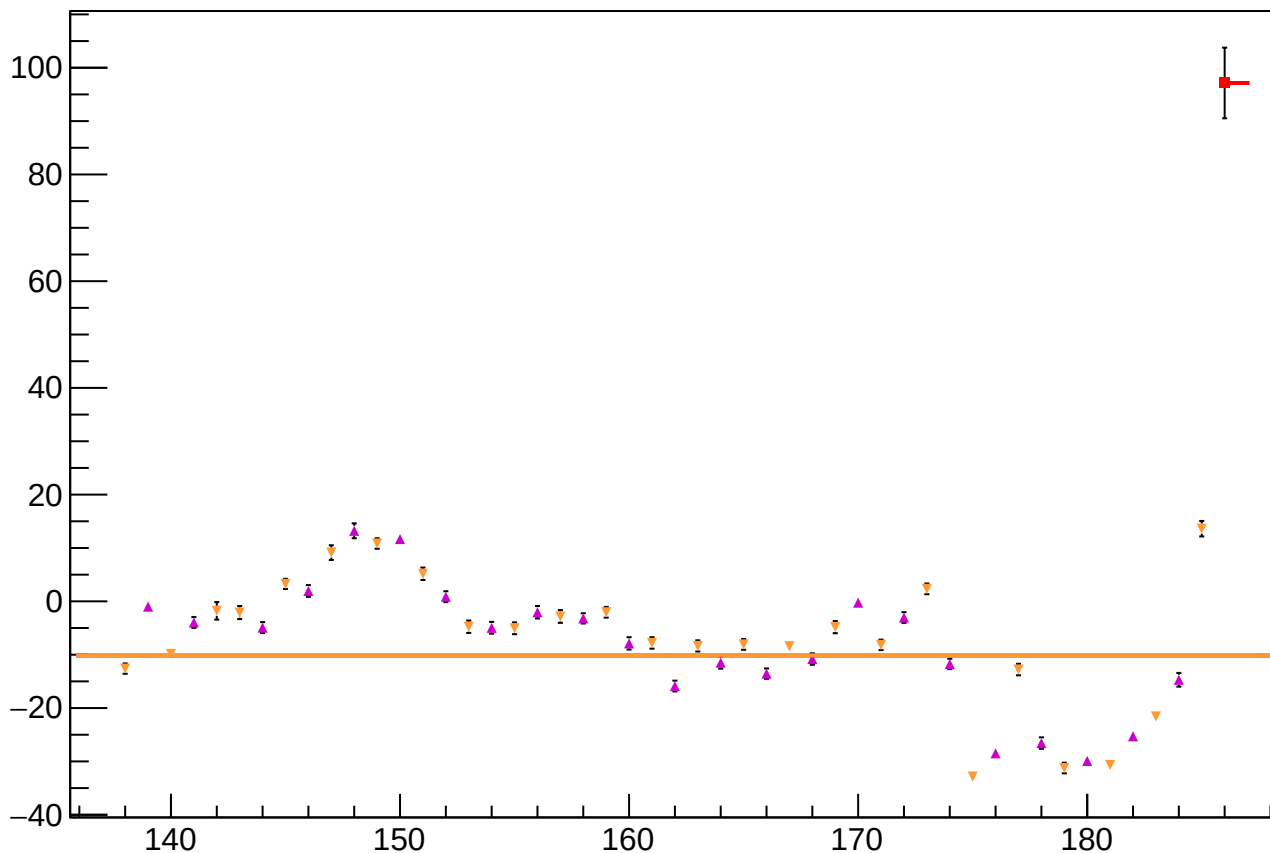
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ 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

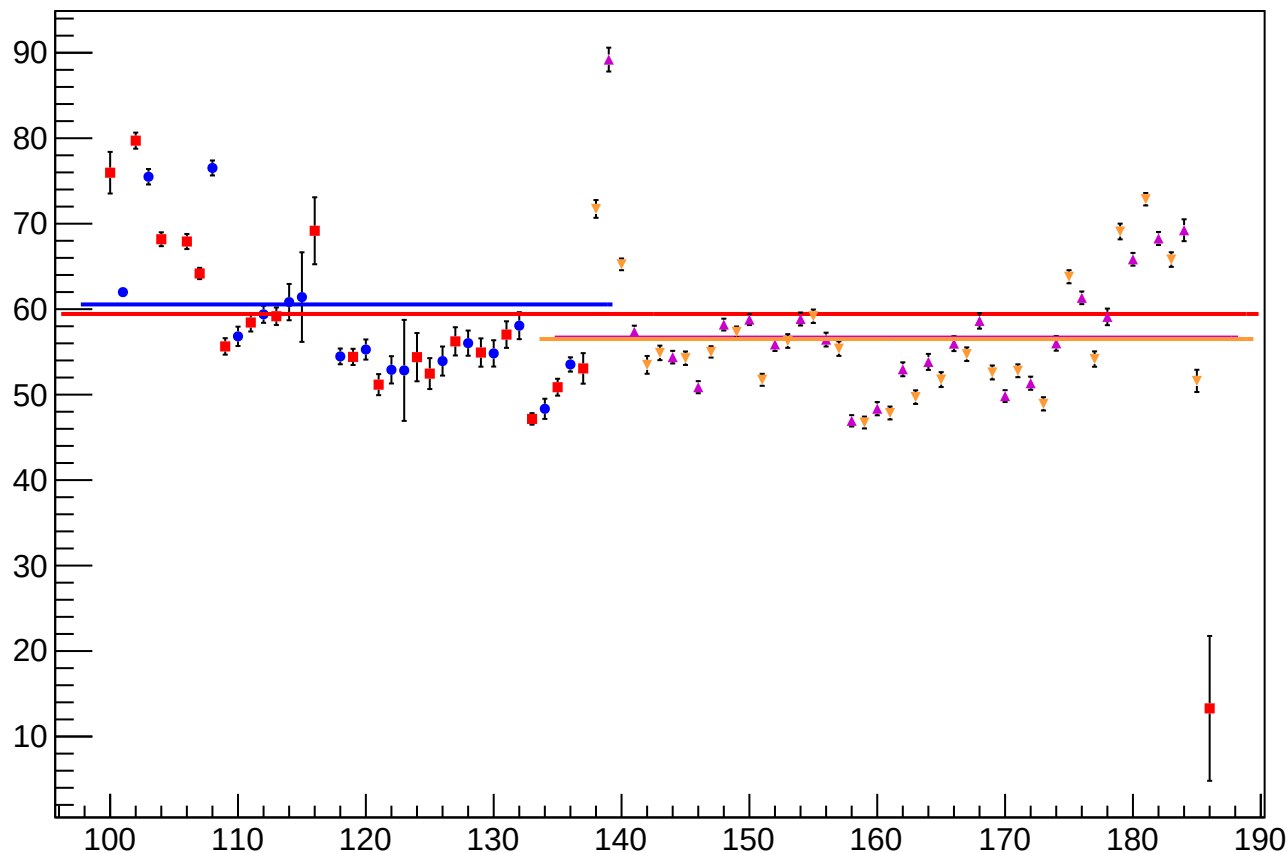
Left In: -10.149+/-0.204 χ^2/NDF : 3491.7/22

+ 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

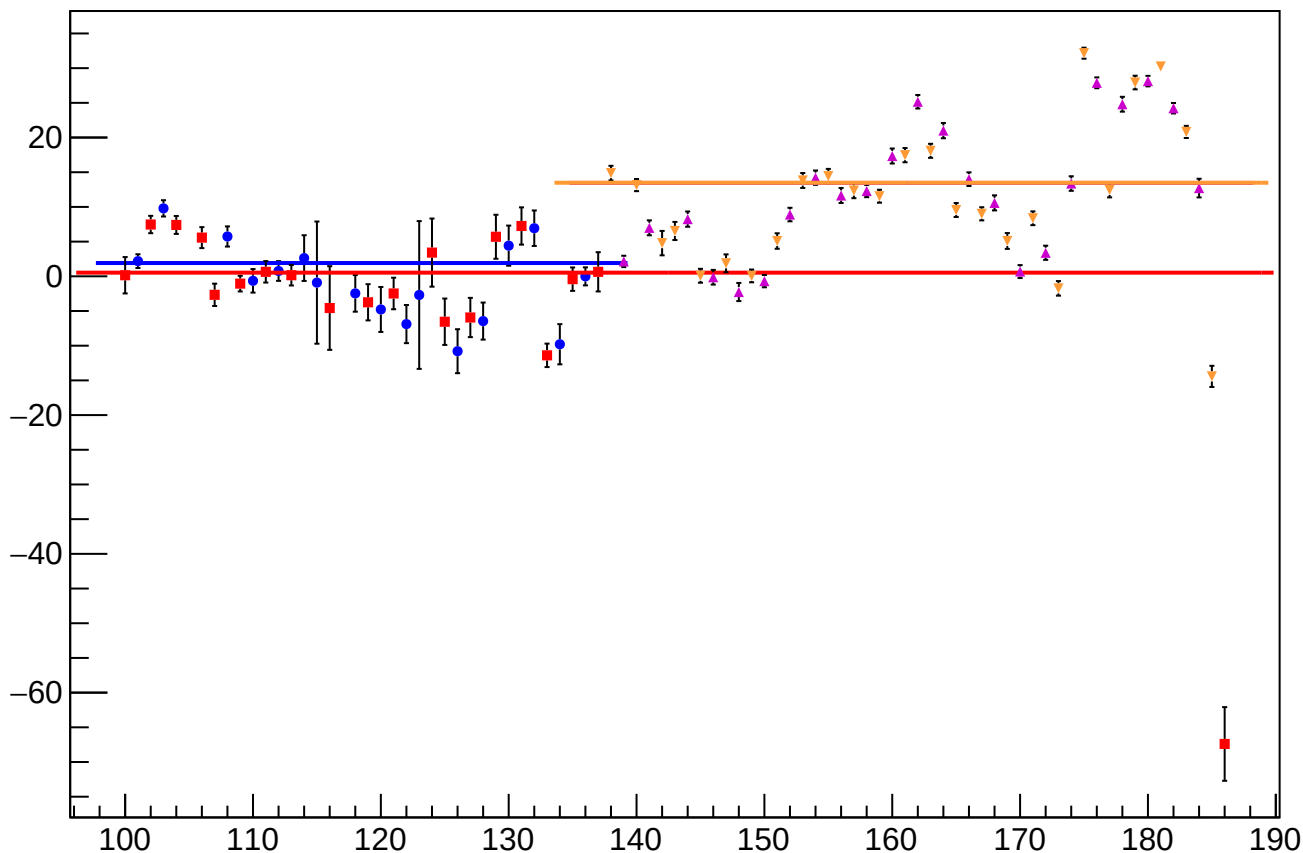
Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

+ 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

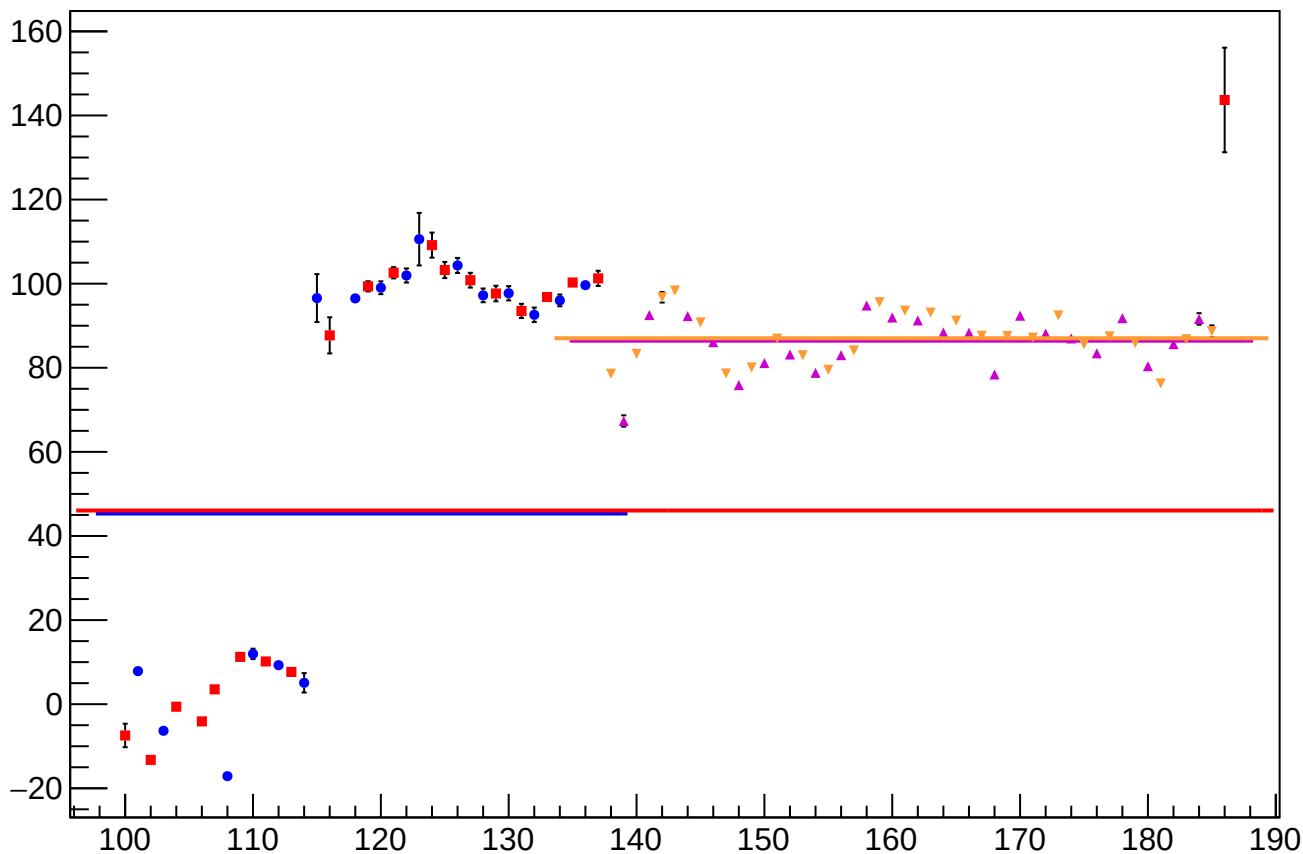
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ 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+/-0.303 χ^2/NDF : 25071.0/16

Left Out: 87.023+/-0.179 χ^2/NDF : 1057.2/24

Right Out: 46.060+/-0.289 χ^2/NDF : 28281.5/19

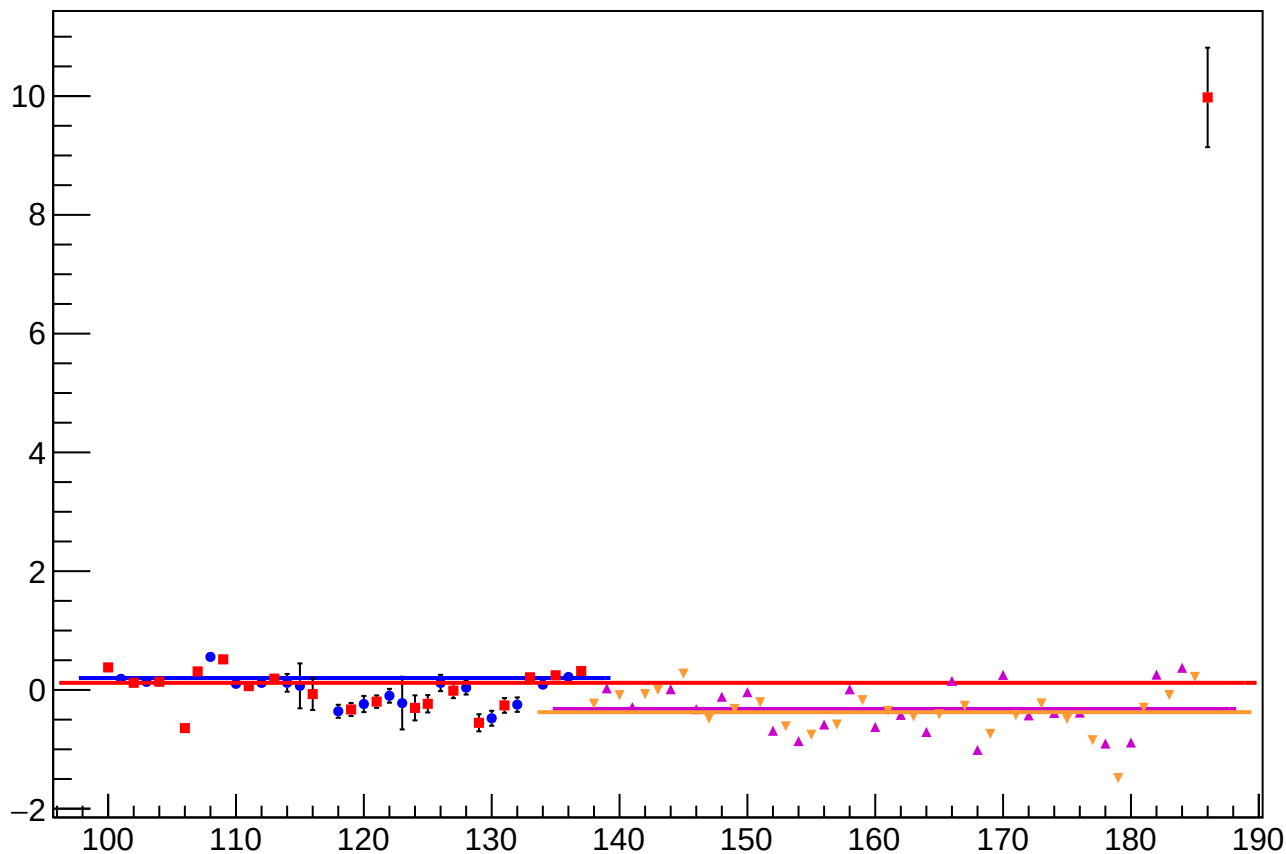
Left In: 86.443+/-0.184 χ^2/NDF : 1038.6/22

+ sign 76.210+/-0.154 χ^2/NDF : 40118.7/41

All: 75.518+/-0.110 χ^2/NDF : 83346.8/84

- sign 74.818+/-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

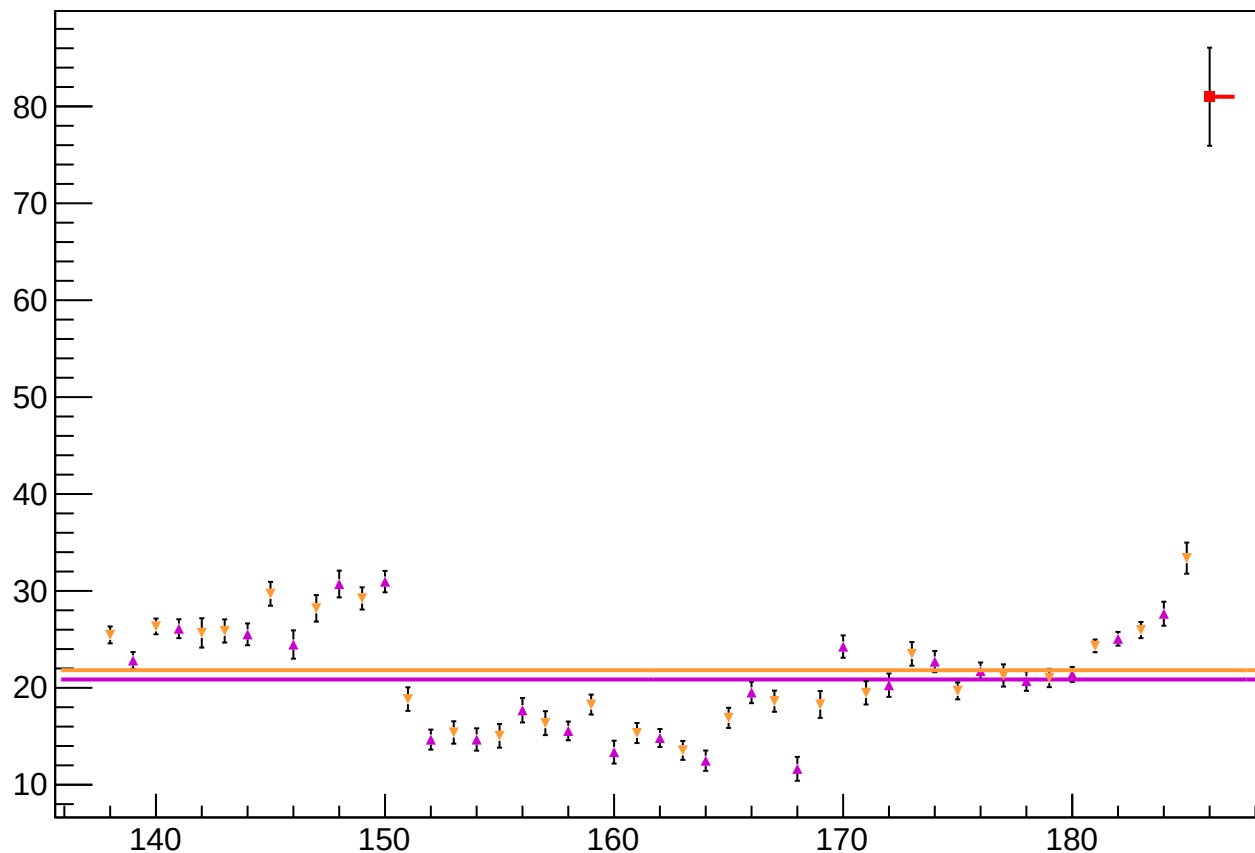
Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

+ 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

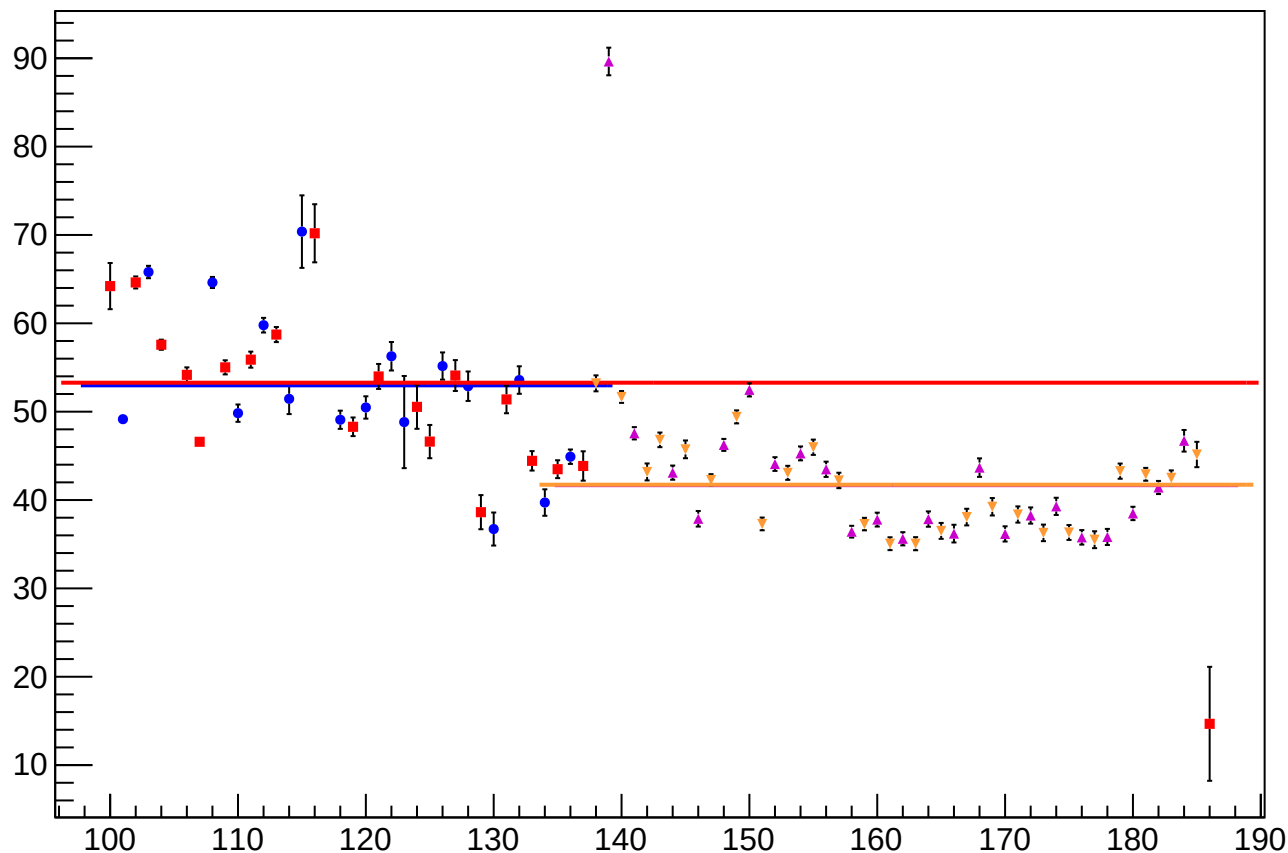
Left In: 20.860+/-0.216 χ^2/NDF : 575.5/22

+ 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

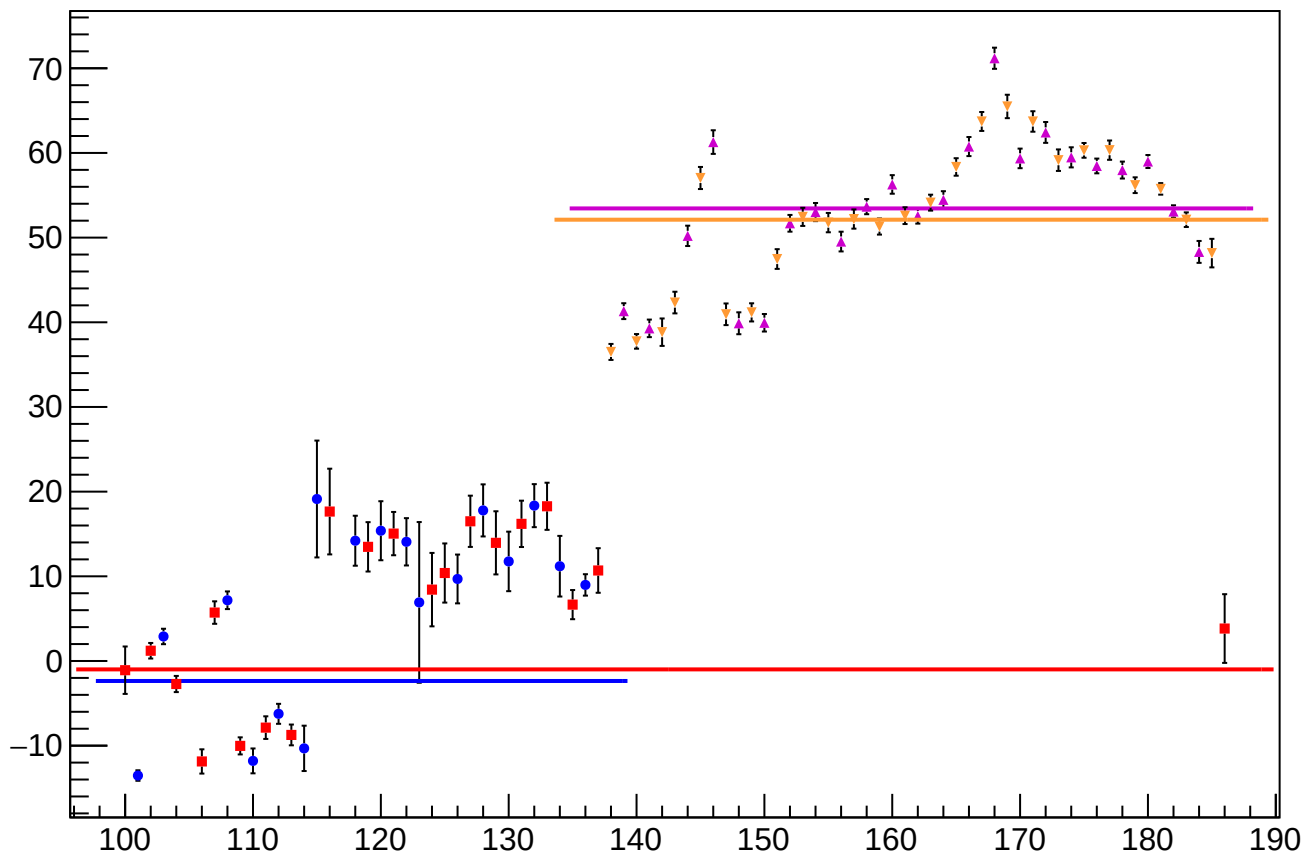
Left In: 41.682 $\pm$ 0.173 χ^2 /NDF: 1715.9/22

+ 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

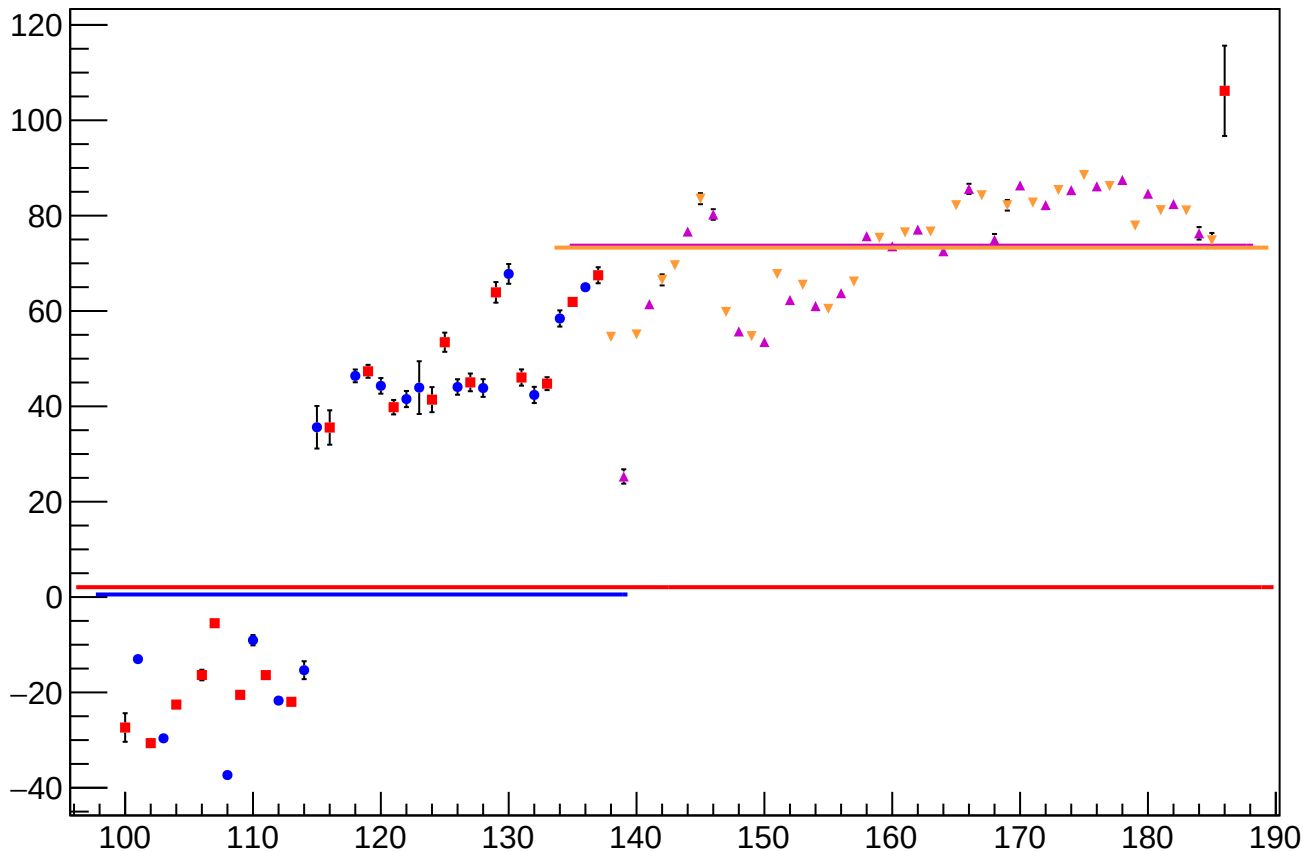
Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

+ 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

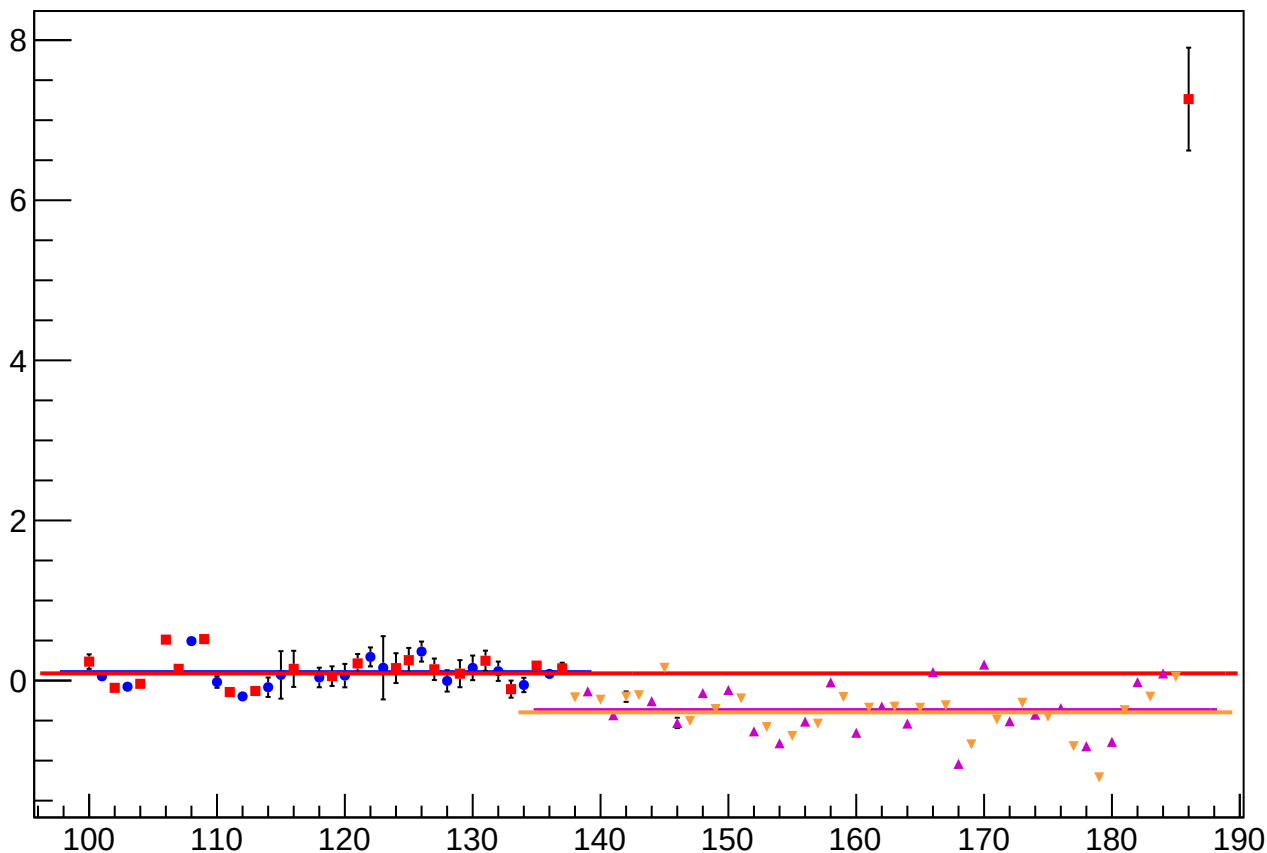
Left In: 73.699 ± 0.194 χ^2/NDF : 3901.1/22

+ 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

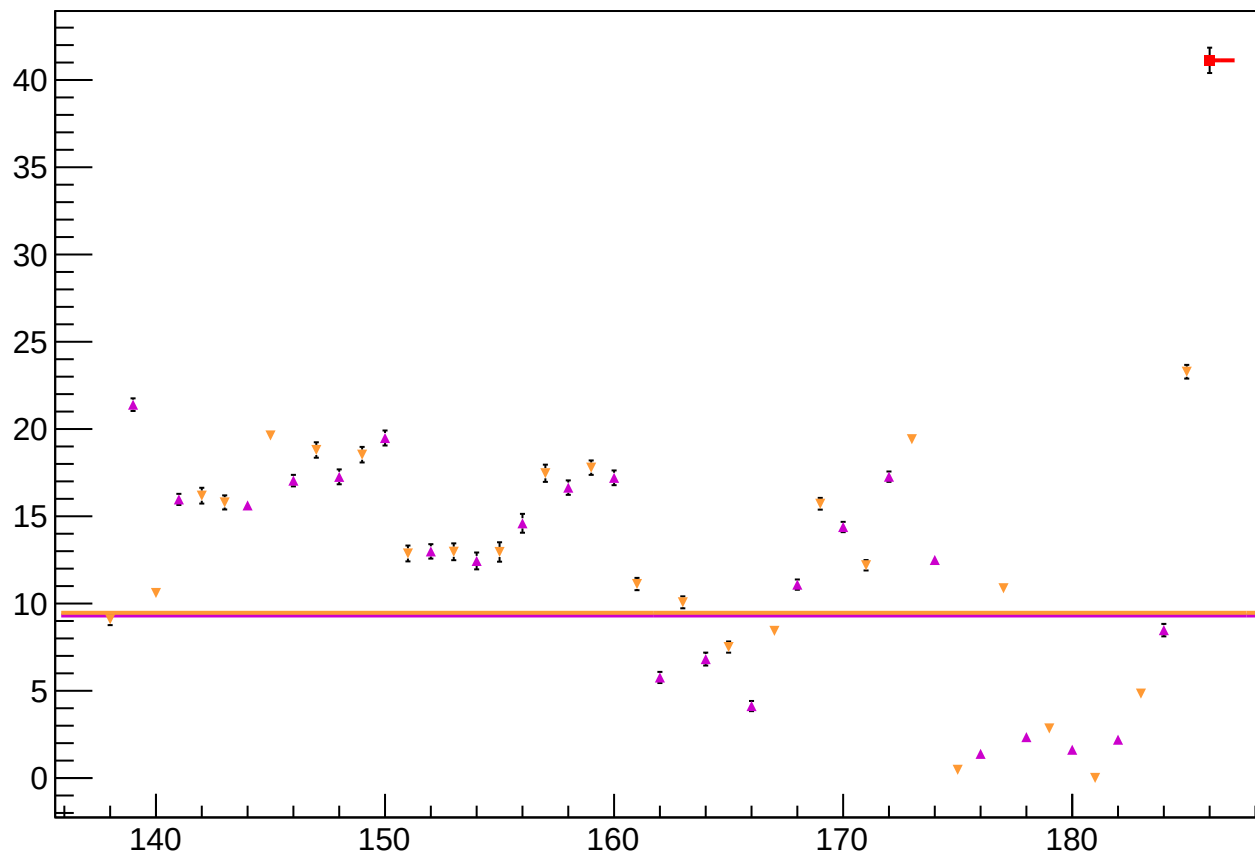
Left In: -0.369 ± 0.009 χ^2/NDF : 1322.7/22

+ 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

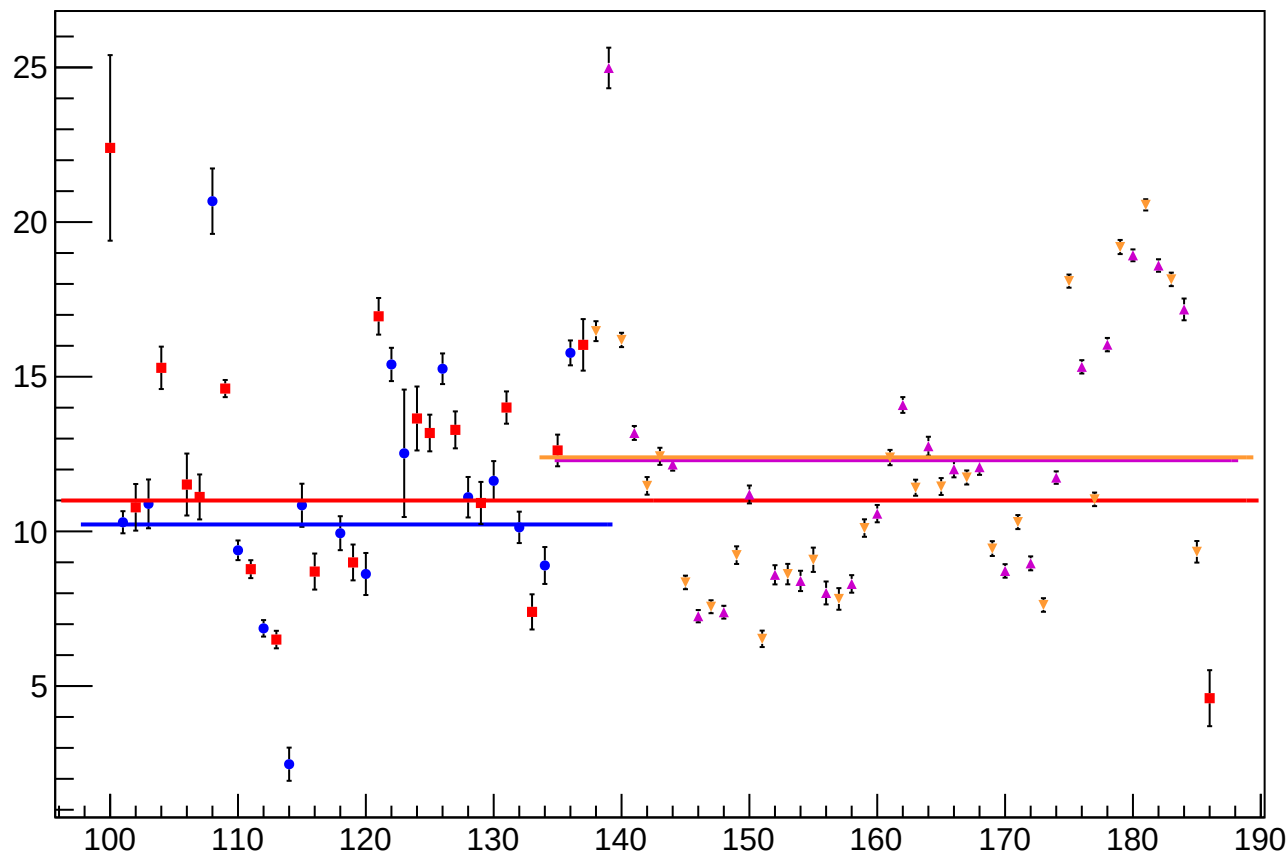
Left In: 9.315 $\pm$ 0.063 χ^2 /NDF:11007.3/22

+ 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

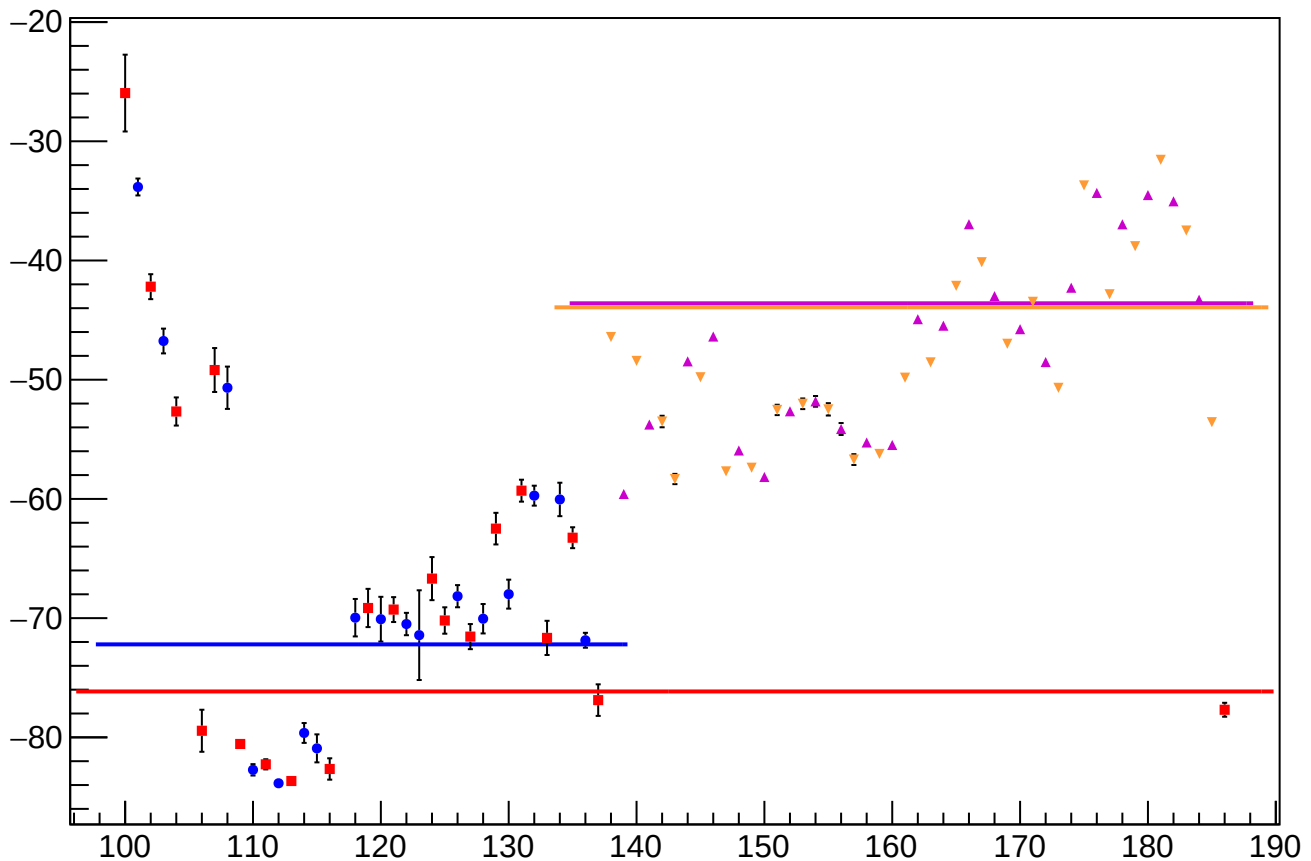
Left In: 12.302 $\pm$ 0.051 χ^2 /NDF: 5661.3/22

+ 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

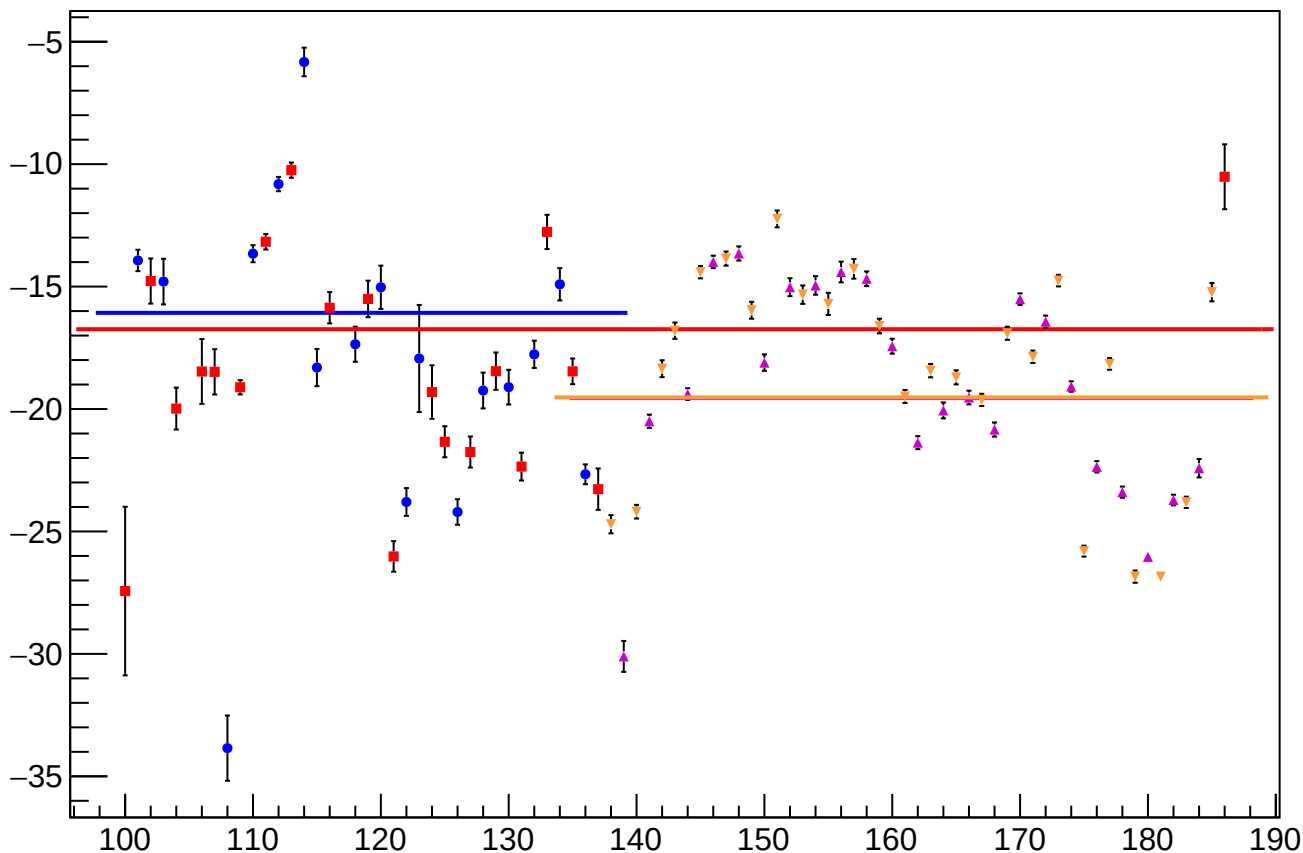
Left In: -43.591 ± 0.063 χ^2/NDF : 15574.9/22

+ 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 $\chi^2/\text{NDF}: 1238.0/19$

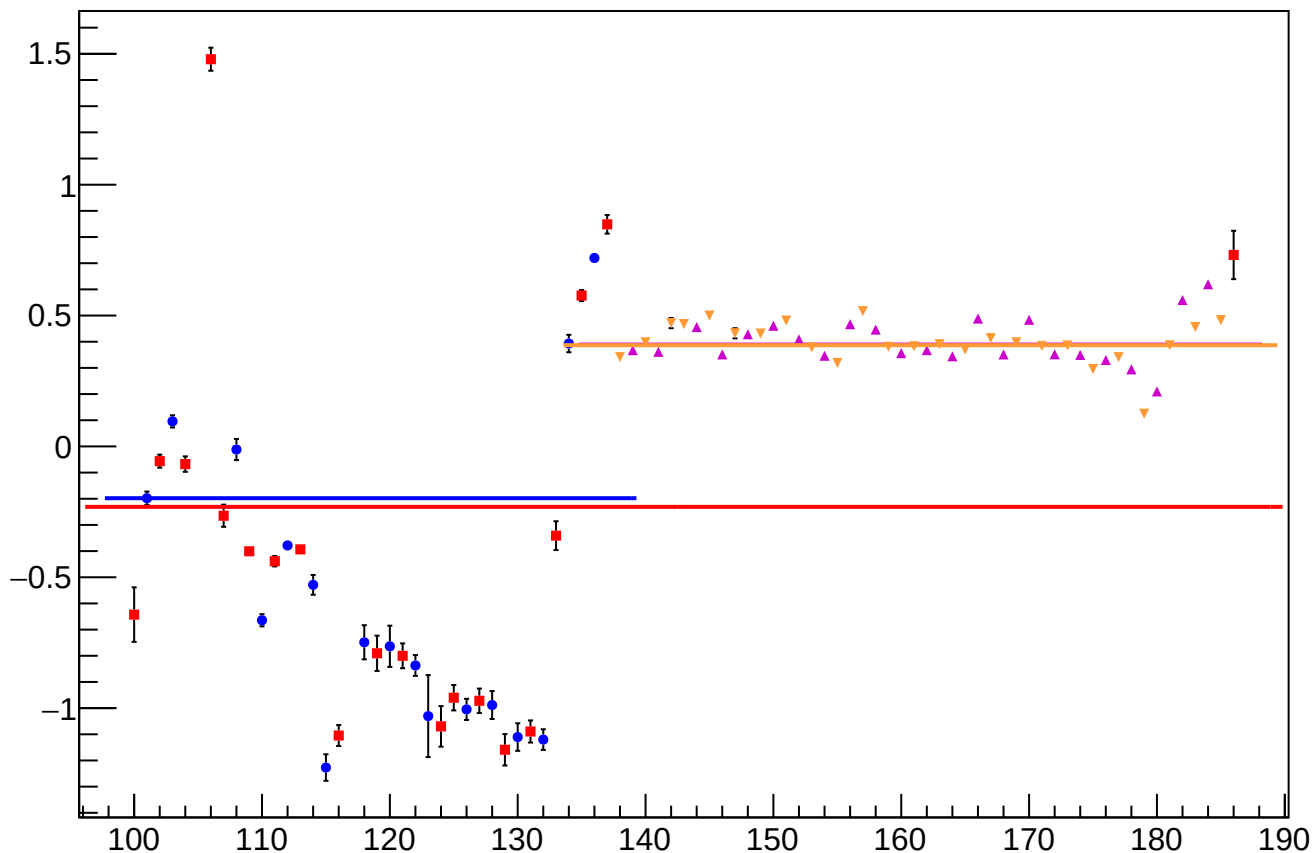
Left In: -19.552 ± 0.057 $\chi^2/\text{NDF}: 4359.1/22$

+ 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

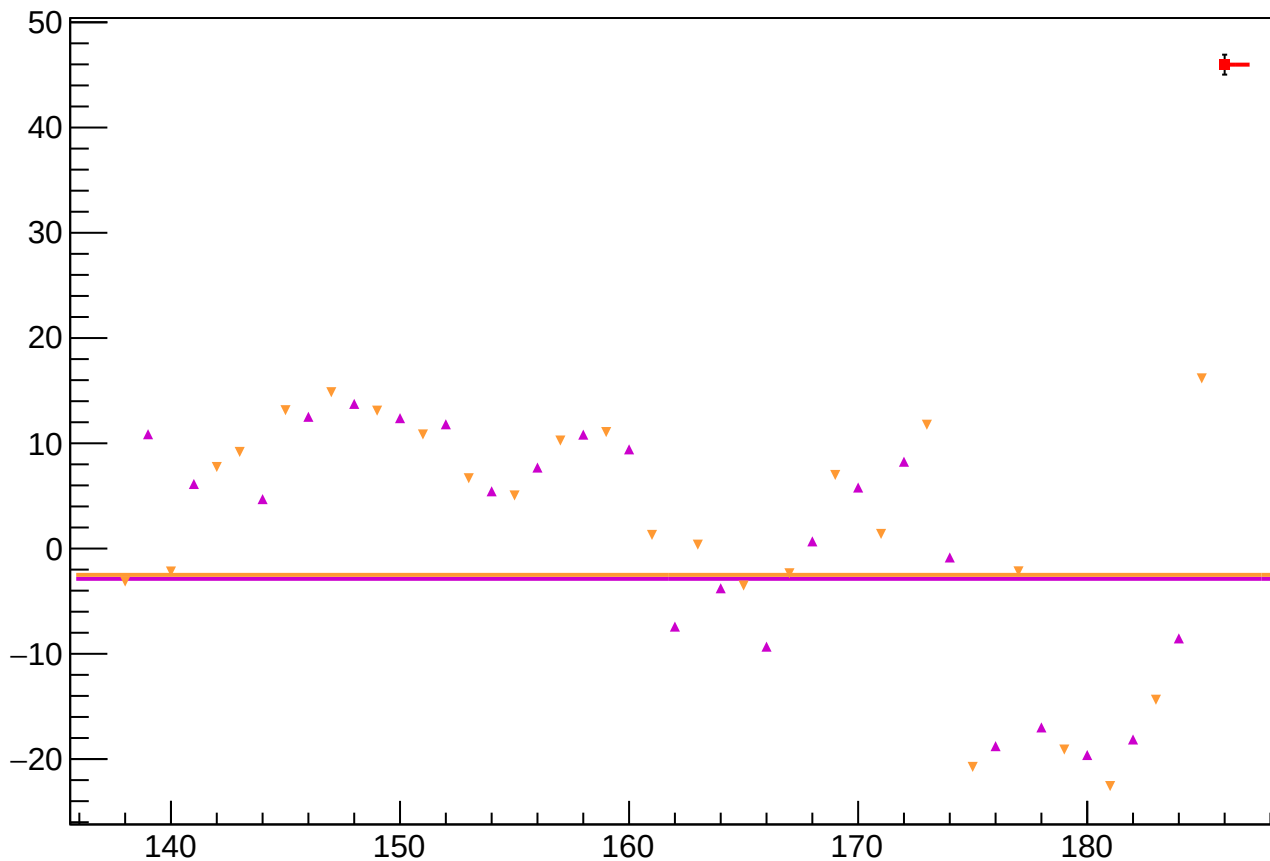
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ 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

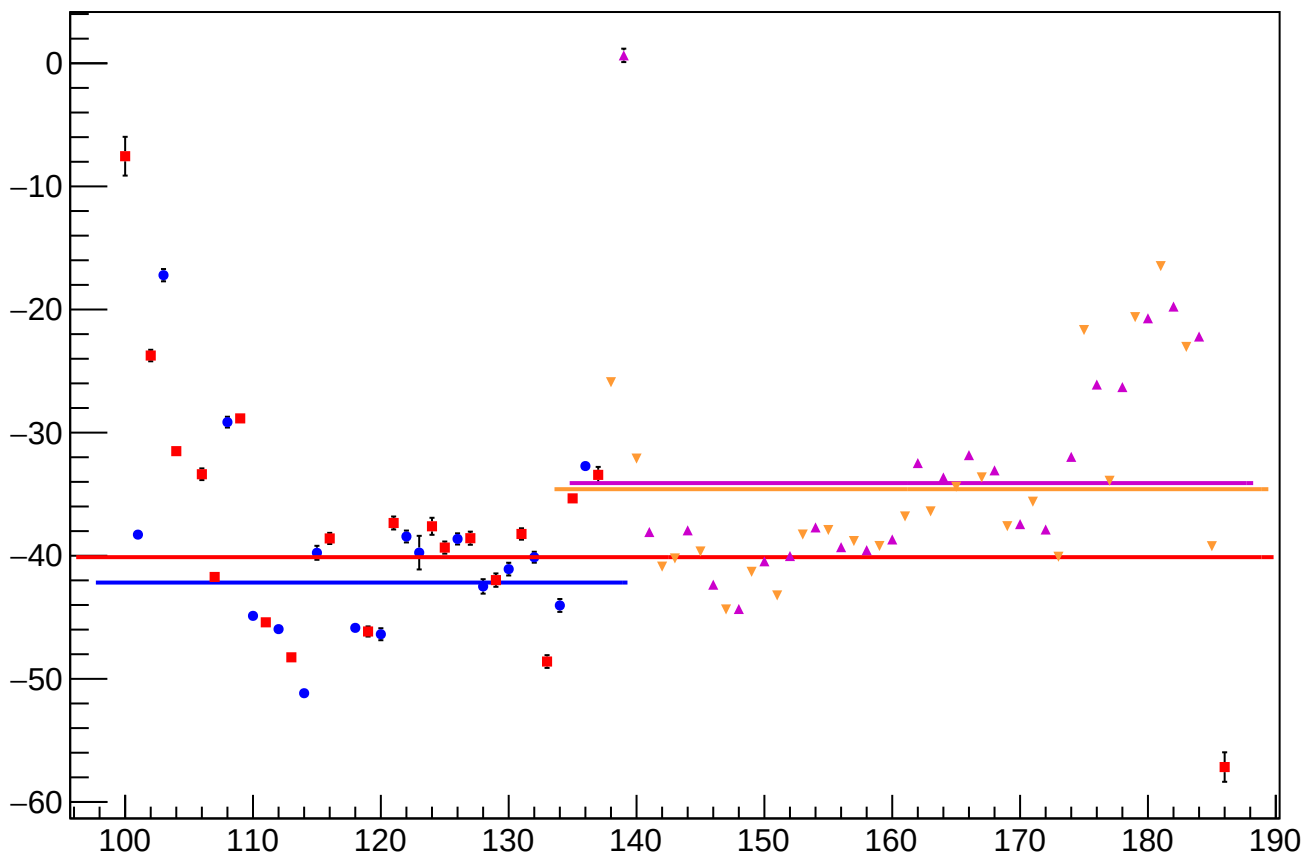
Left In: -2.876+/-0.055 χ^2/NDF : 46380.9/22

+ 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

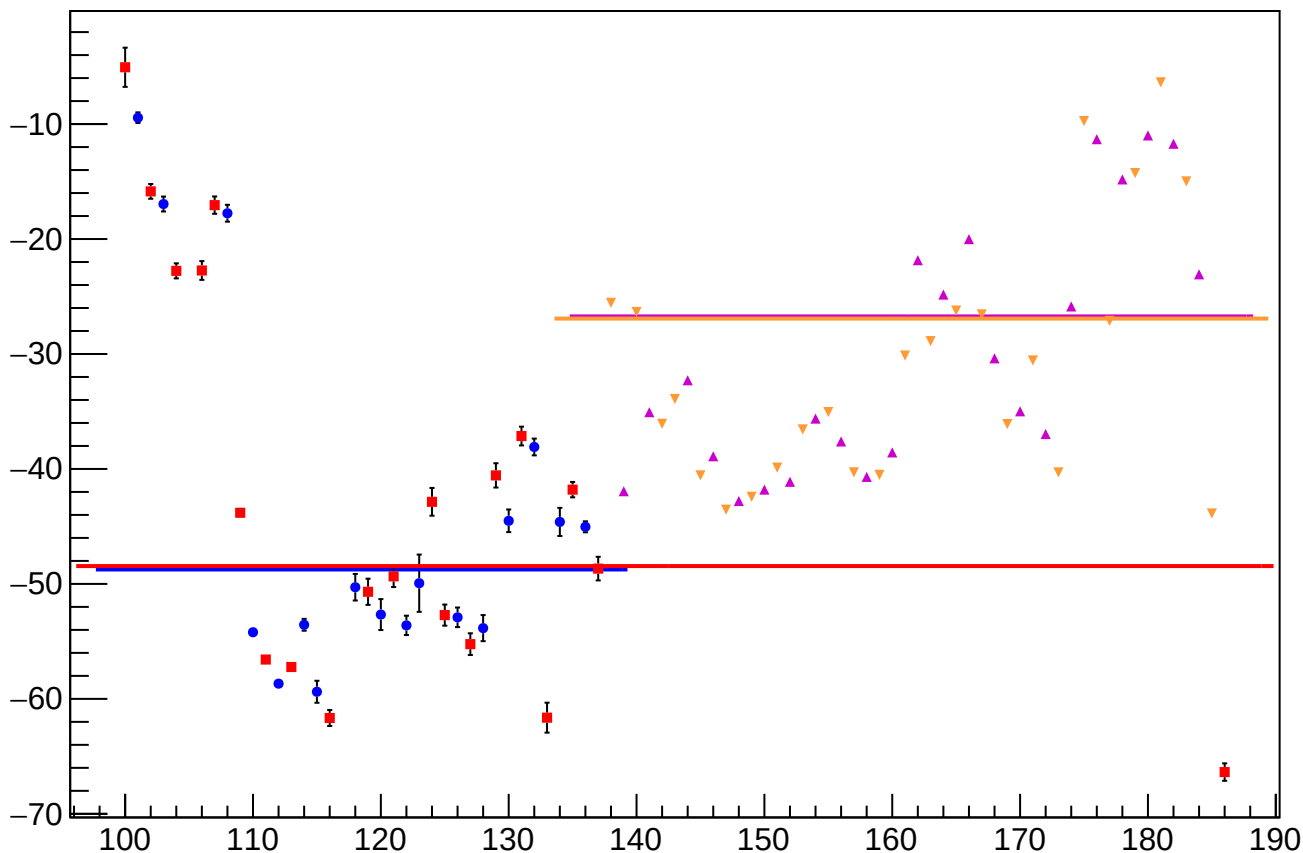
Left In: -34.099 ± 0.044 χ^2/NDF : 29370.6/22

+ 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 $\chi^2/\text{NDF}: 12299.6/19$

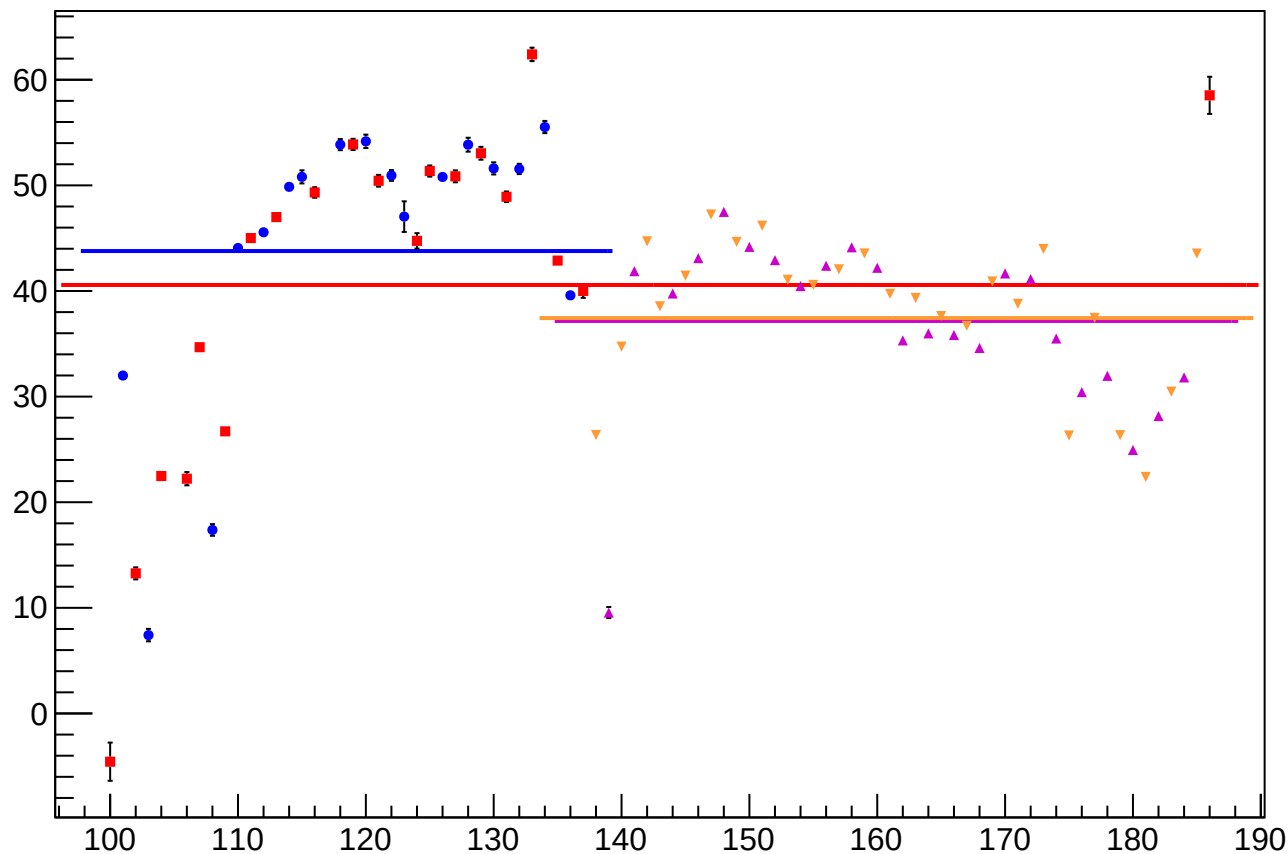
Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

+ 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 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 37.435 $\pm$ 0.047 χ^2 /NDF:21517.4/24

Right Out: 40.568 $\pm$ 0.080 χ^2 /NDF: 17685.2/19

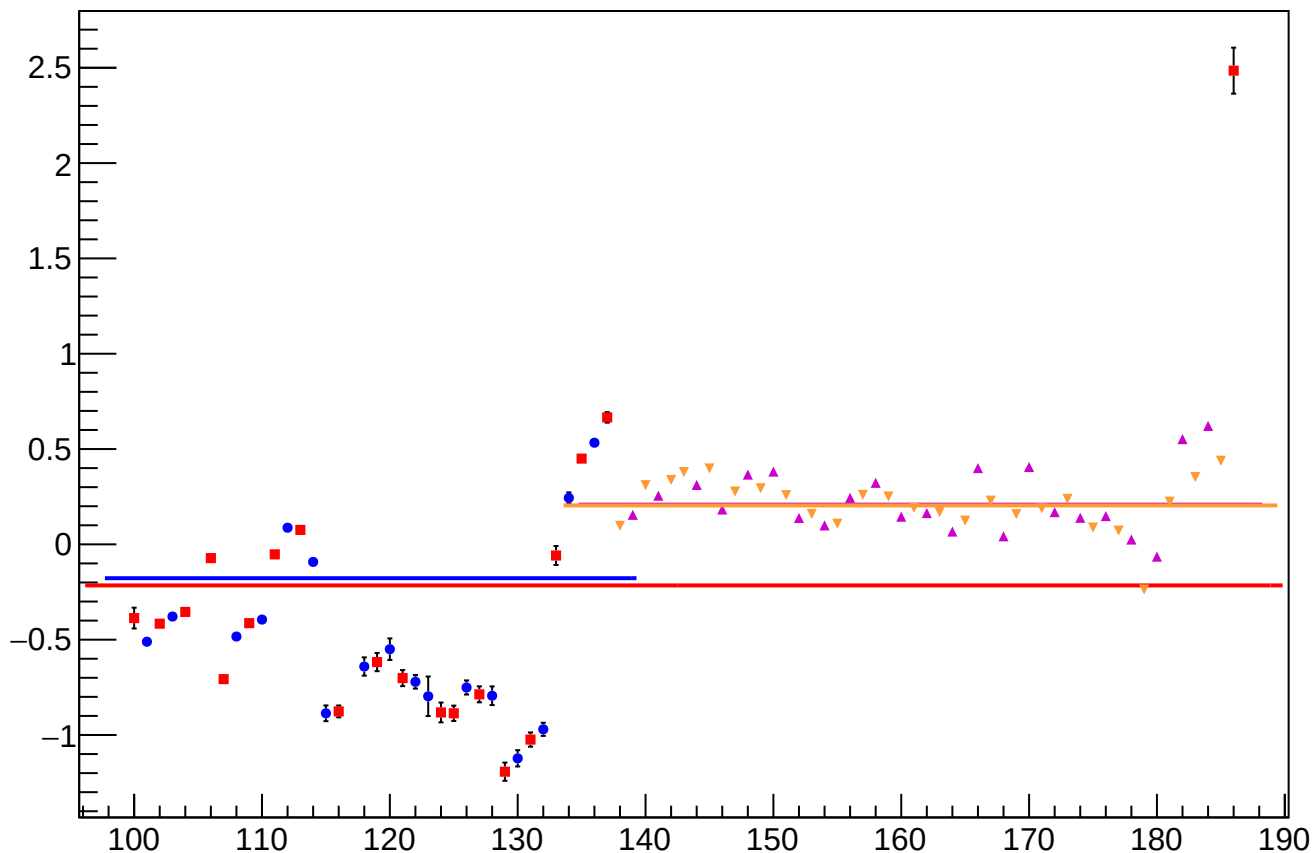
Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

+ sign 38.894 $\pm$ 0.042 χ^2 /NDF: 36290.4/41

All: 38.497 $\pm$ 0.029 χ^2 /NDF: 72899.2/84

- sign 38.094 $\pm$ 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

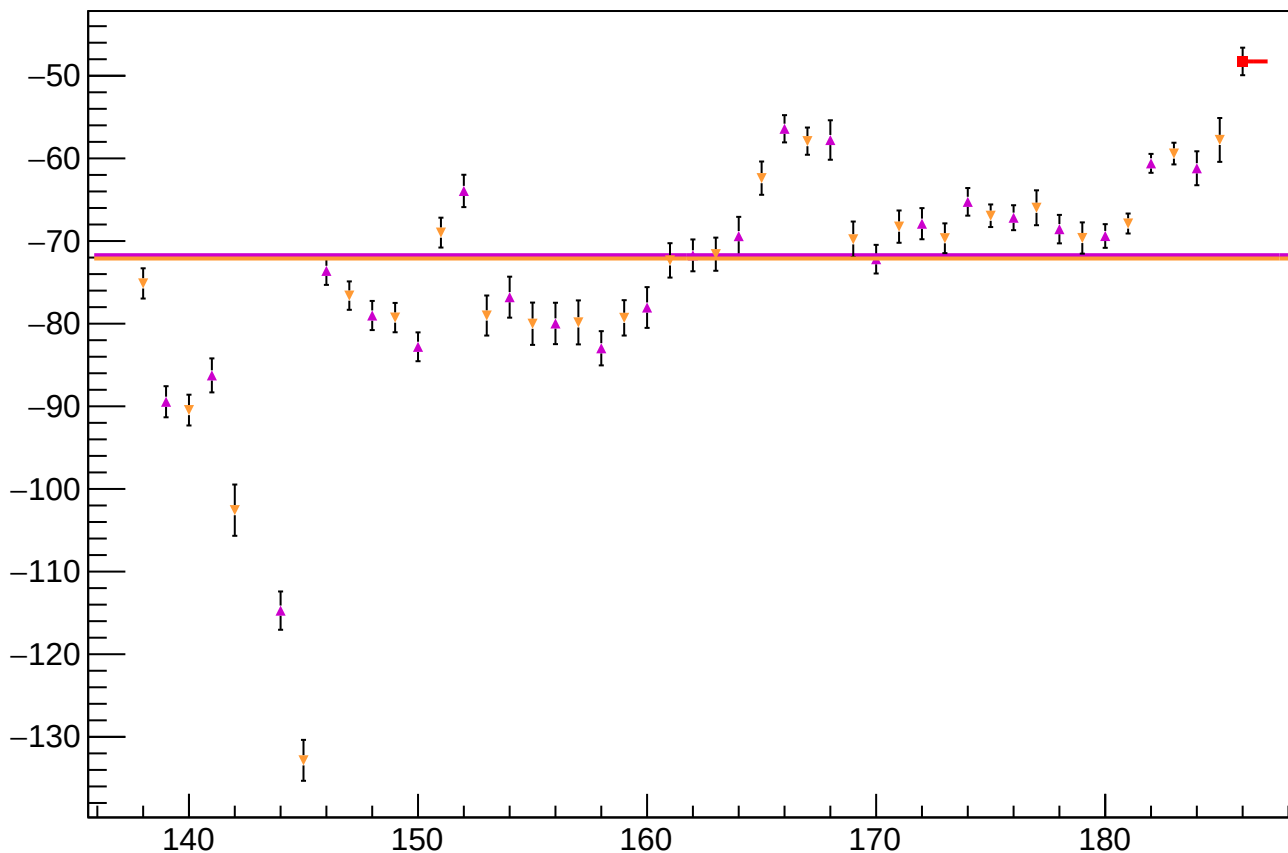
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -72.115 $\pm$ 0.383 χ^2 /NDF:1125.2/23

Right Out: -48.267 $\pm$ 1.666 χ^2 /NDF: 0.0/0

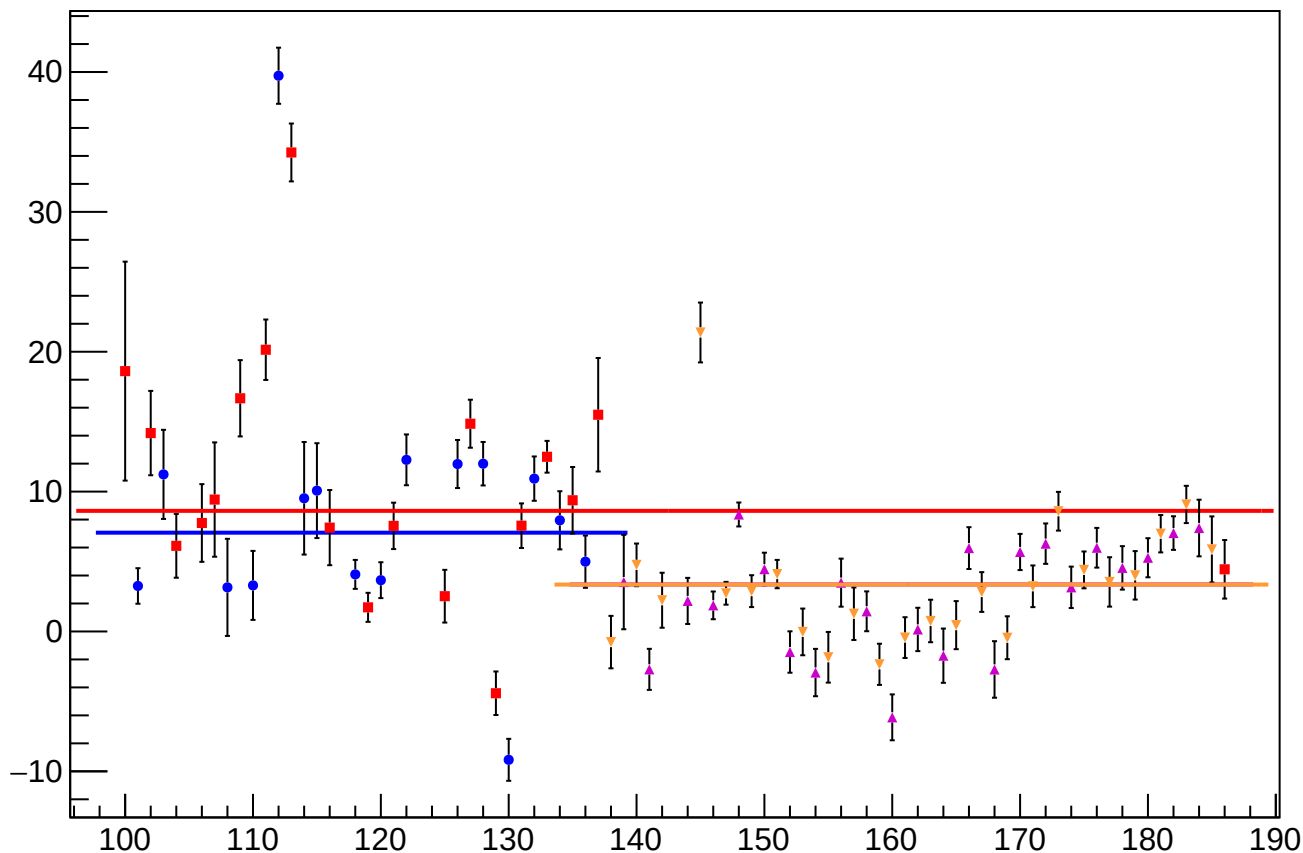
Left In: -71.713 $\pm$ 0.380 χ^2 /NDF:884.6/22

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

All: -71.309 $\pm$ 0.266 χ^2 /NDF: 2206.6/47

- sign -70.552 $\pm$ 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

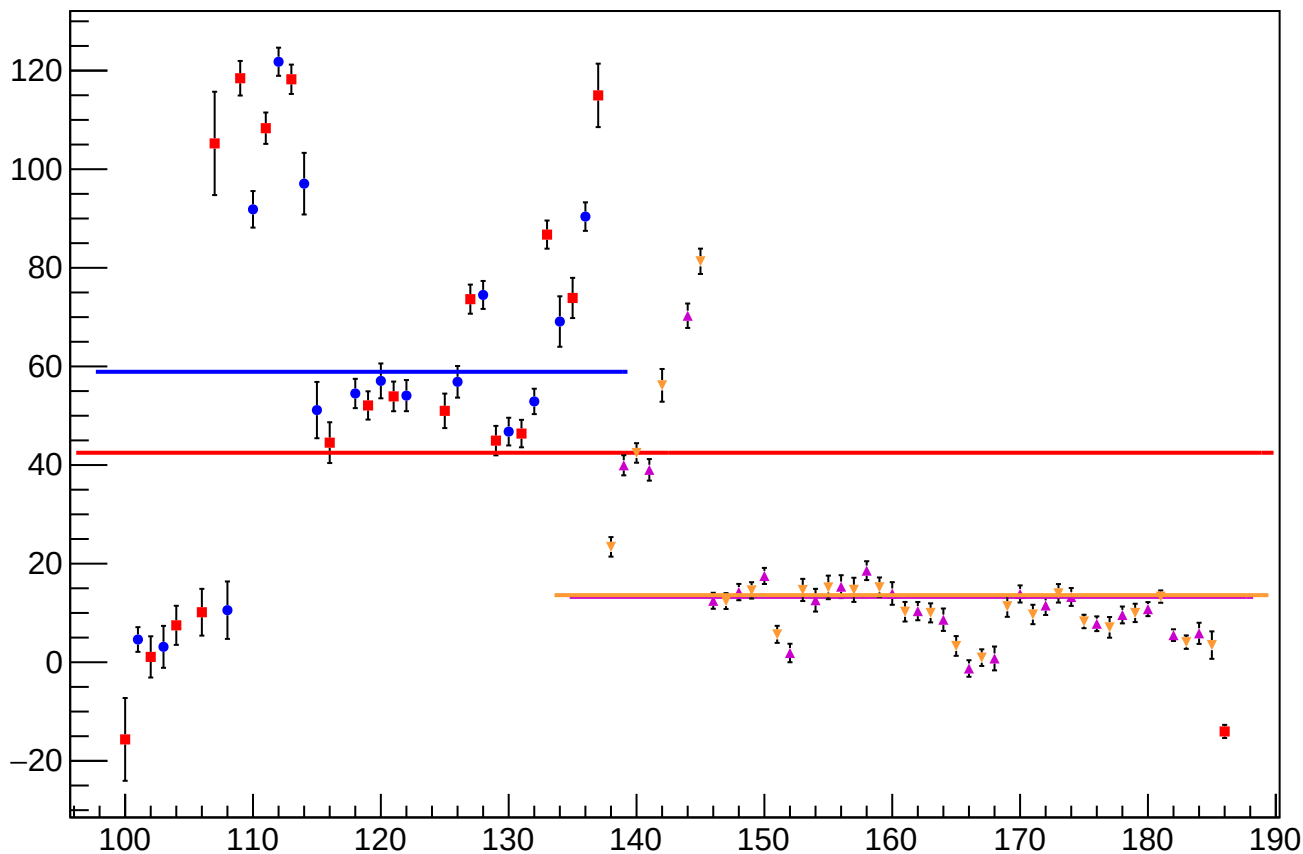
Left In: 3.360 ± 0.298 χ^2/NDF : 164.5/22

+ 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 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 13.610 $\pm$ 0.382 χ^2 /NDF:1303.3/23

Right Out: 42.492 $\pm$ 0.711 χ^2 /NDF: 4209.5/18

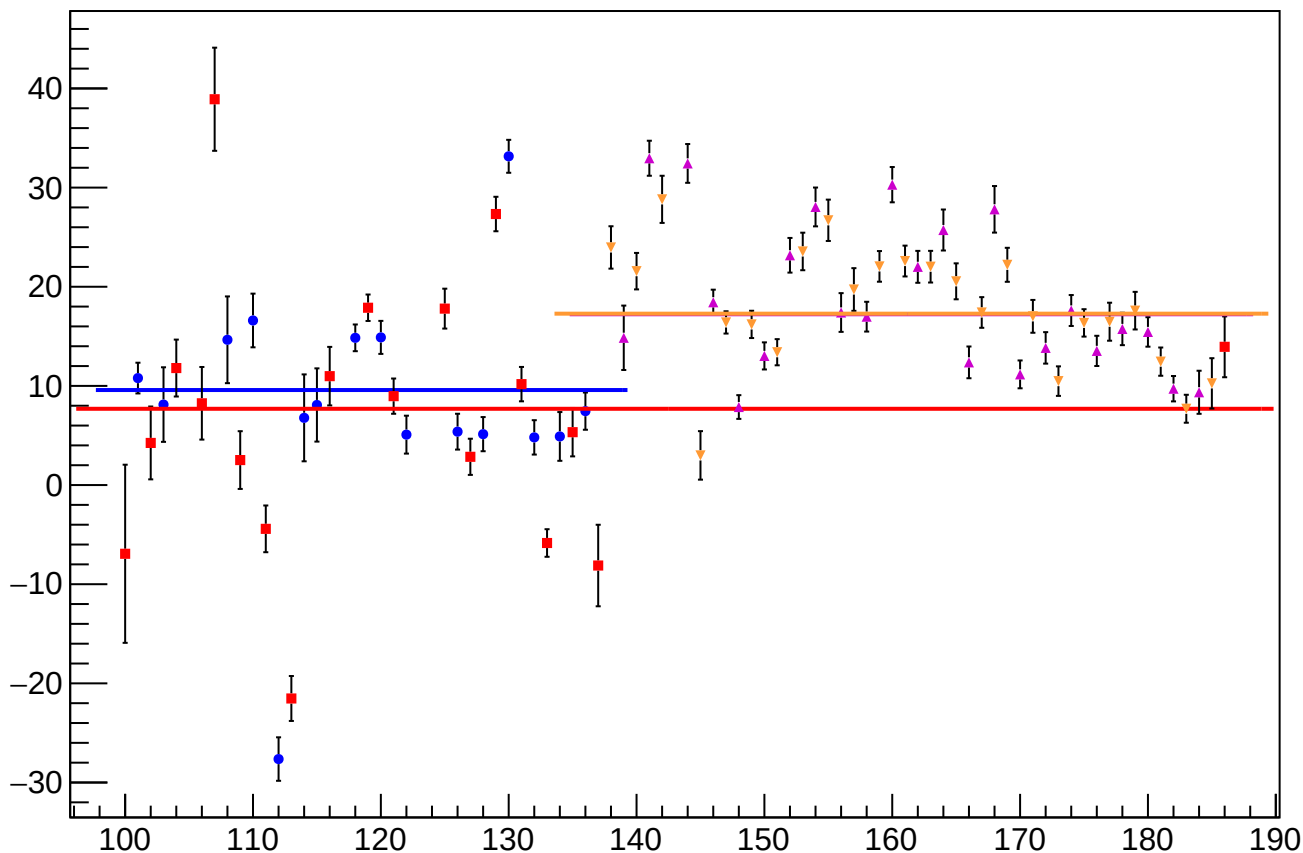
Left In: 13.262 $\pm$ 0.379 χ^2 /NDF:1077.0/22

+ sign 21.497 $\pm$ 0.347 χ^2 /NDF: 5252.2/39

All: 20.570 $\pm$ 0.241 χ^2 /NDF: 11867.9/81

- sign 19.710 $\pm$ 0.334 χ^2 /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 $\chi^2/\text{NDF}: 574.1/18$

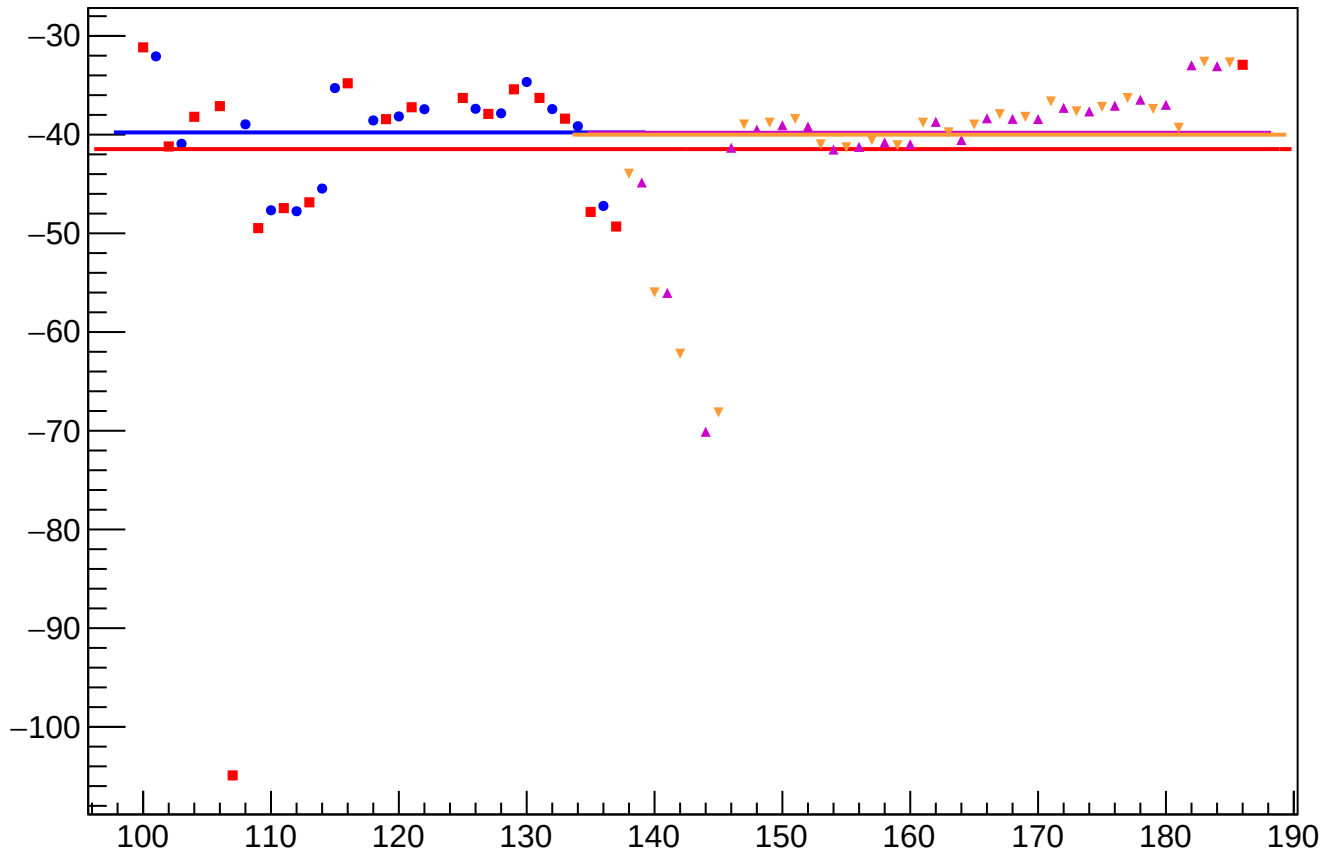
Left In: 17.224 ± 0.339 $\chi^2/\text{NDF}: 442.2/22$

+ 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

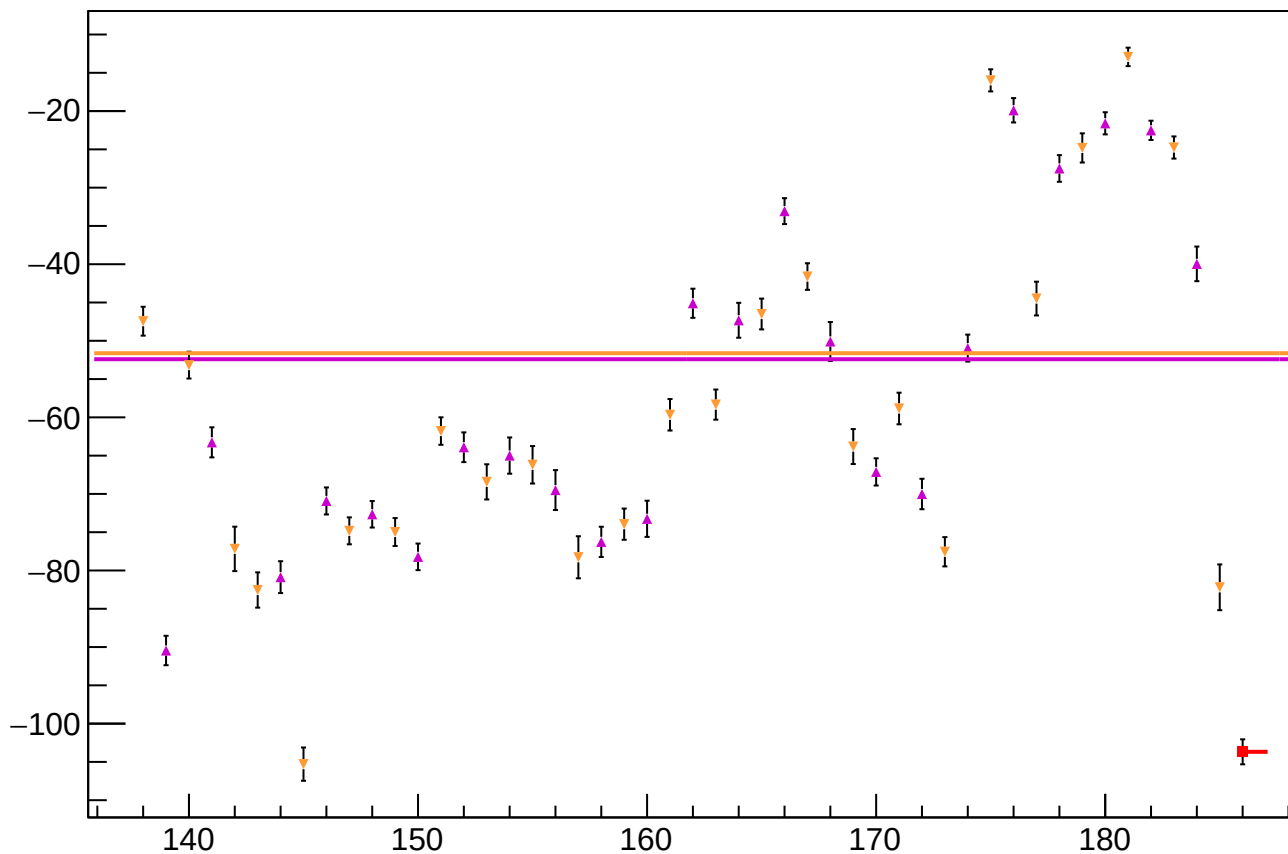
Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

+ 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

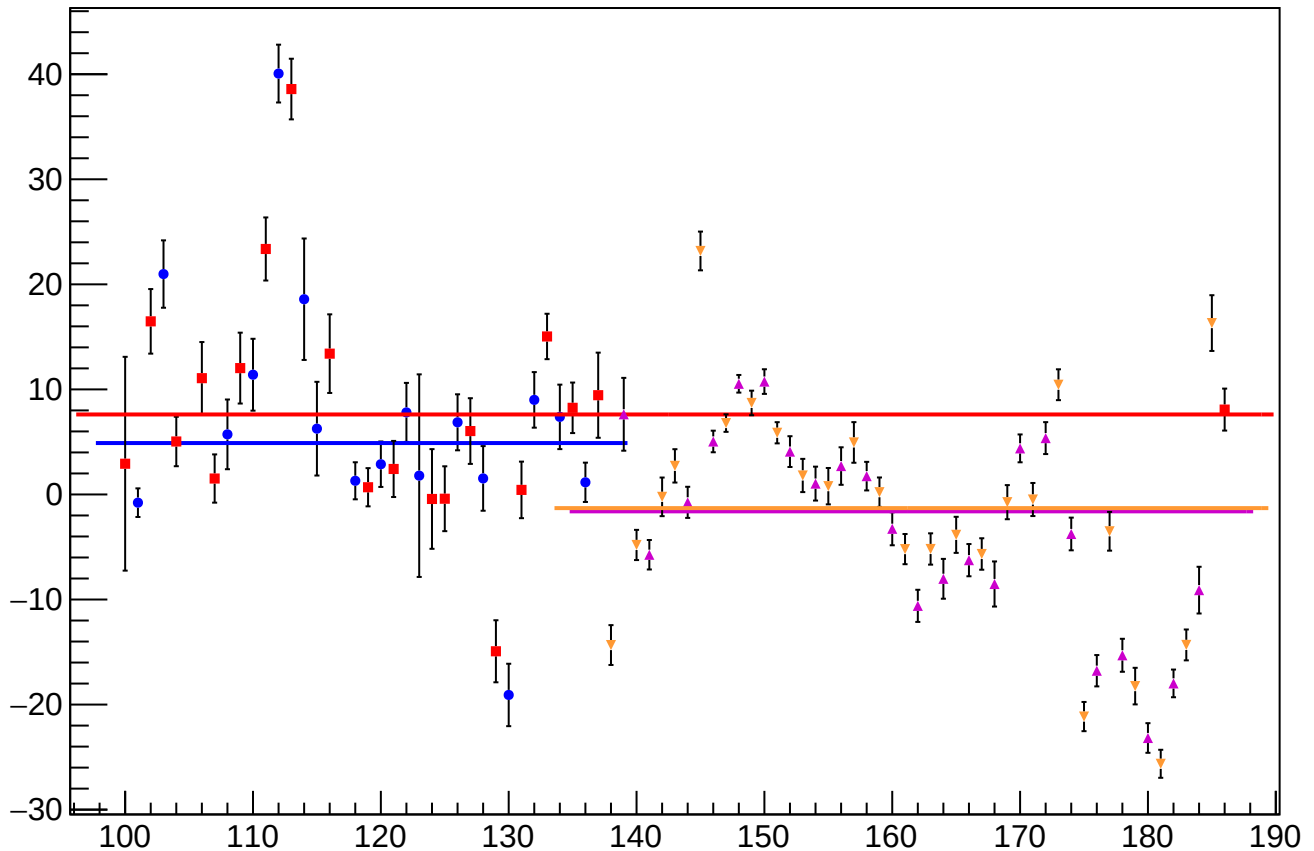
Left In: -52.409 $\pm$ 0.387 χ^2 /NDF: 3378.7/22

+ 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 $\chi^2/\text{NDF}: 270.2/19$

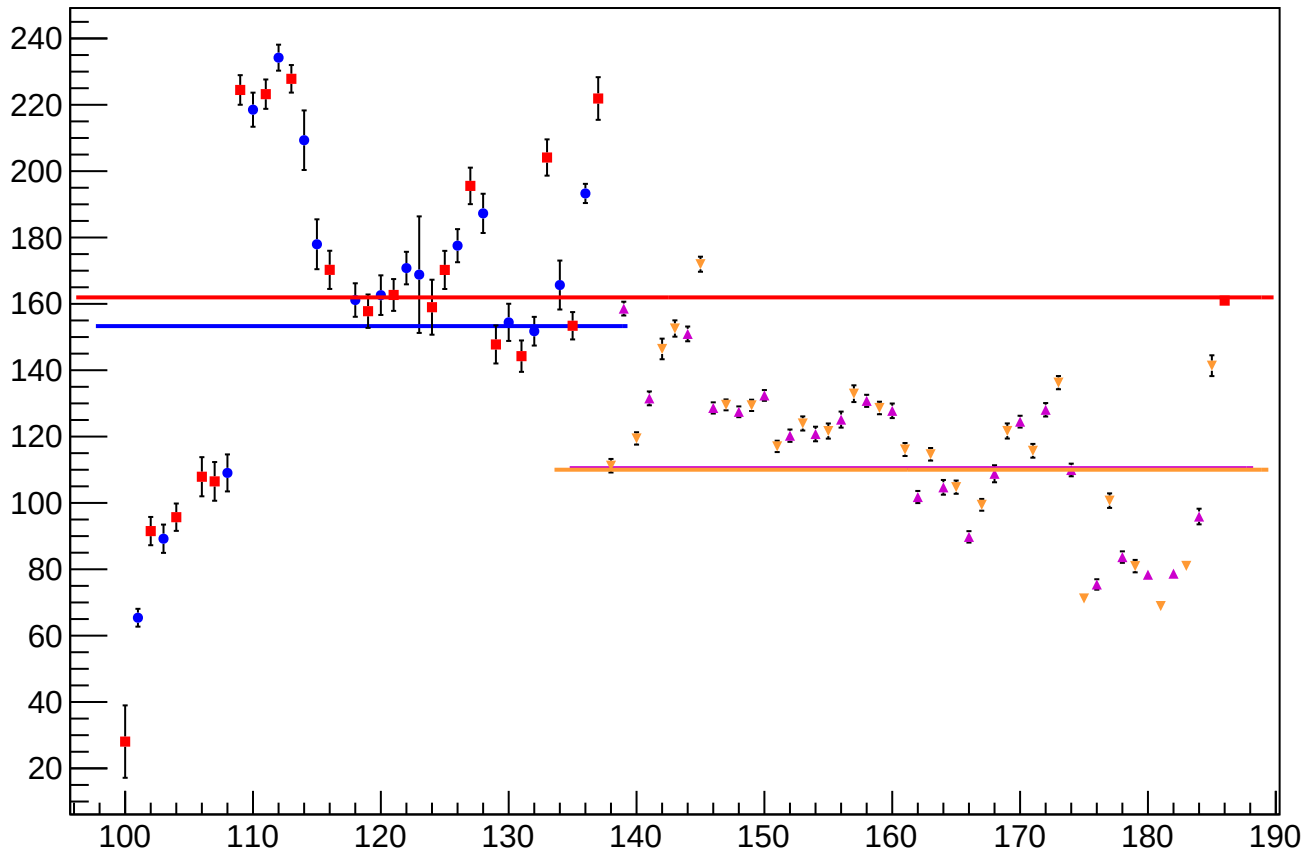
Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

+ 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

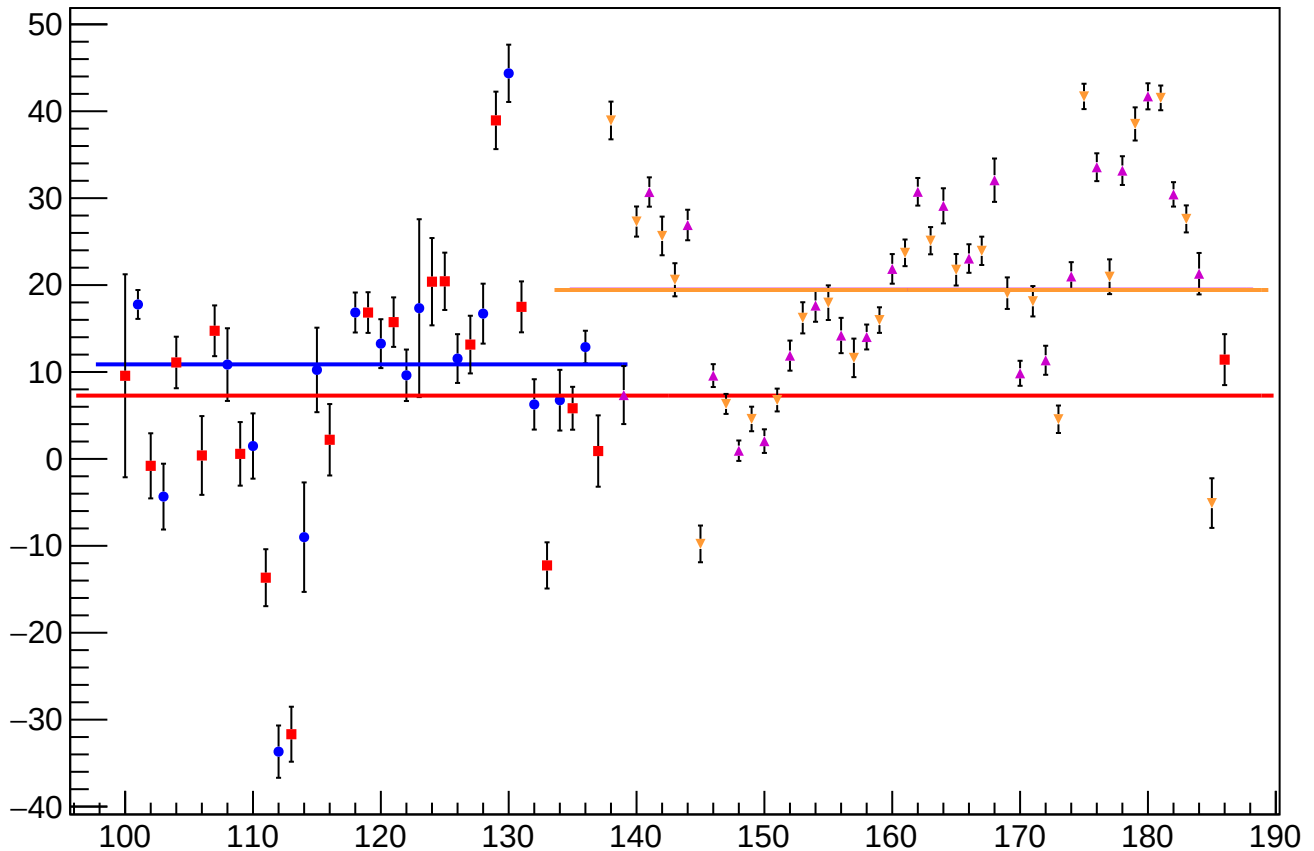
Left In: 110.482 $\pm$ 0.385 χ^2 /NDF: 3824.9/22

+ 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 ± 0.713 χ^2/NDF : 388.1/16

Left Out: 19.434 ± 0.336 χ^2/NDF : 1452.3/24

Right Out: 7.284 ± 0.725 χ^2/NDF : 426.7/19

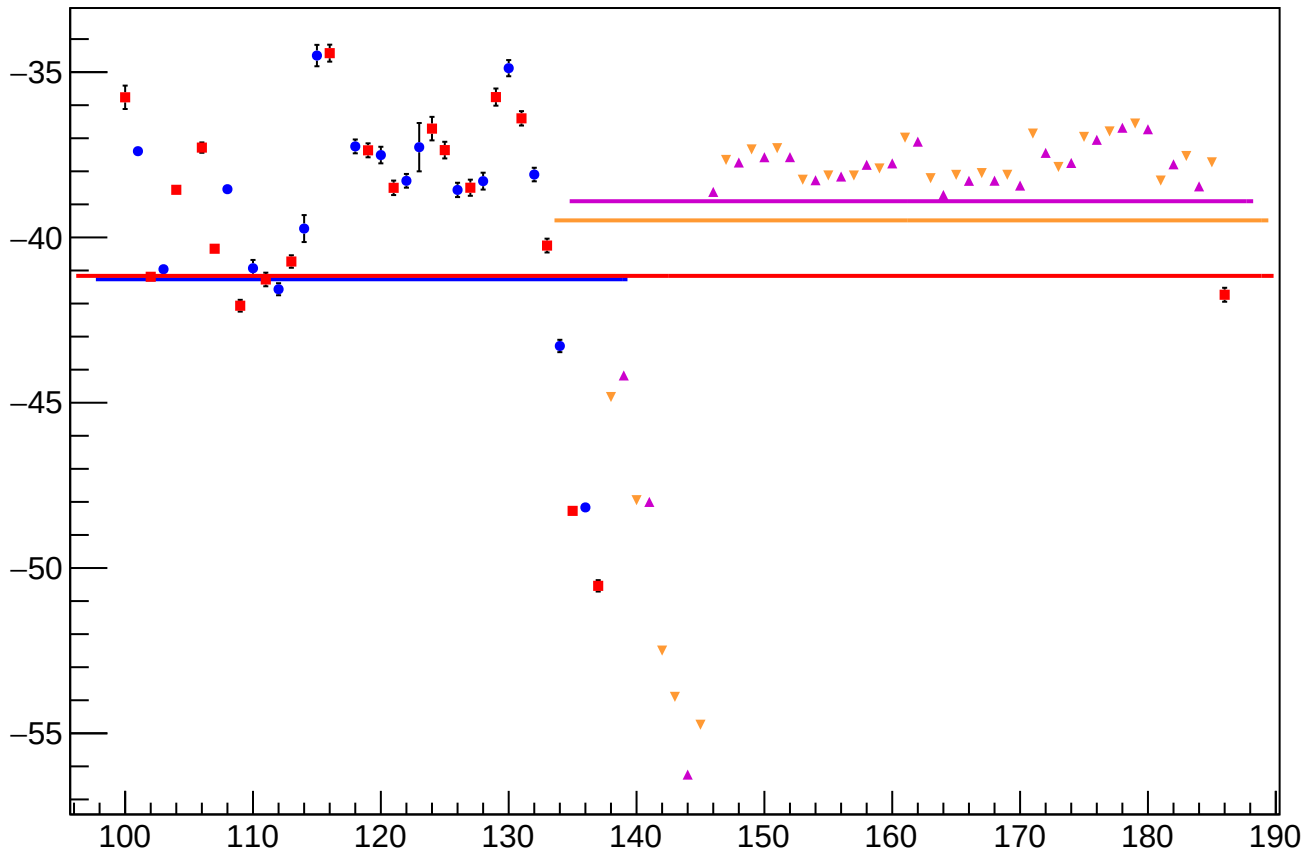
Left In: 19.472 ± 0.342 χ^2/NDF : 1188.2/22

+ sign 17.884 ± 0.304 χ^2/NDF : 1958.2/41

All: 17.576 ± 0.217 χ^2/NDF : 3806.5/84

- sign 17.257 ± 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

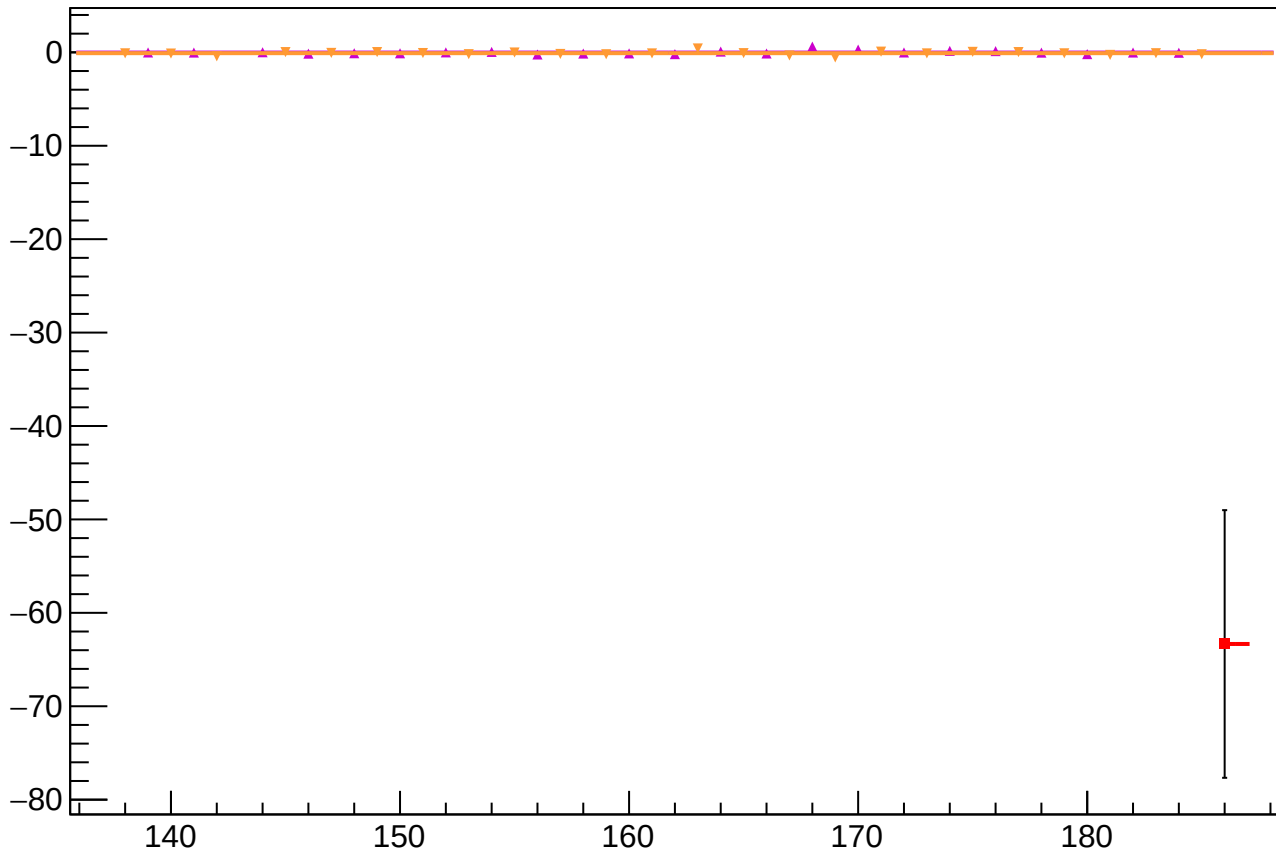
Left In: -38.905 ± 0.016 χ^2/NDF : 54282.7/22

+ 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

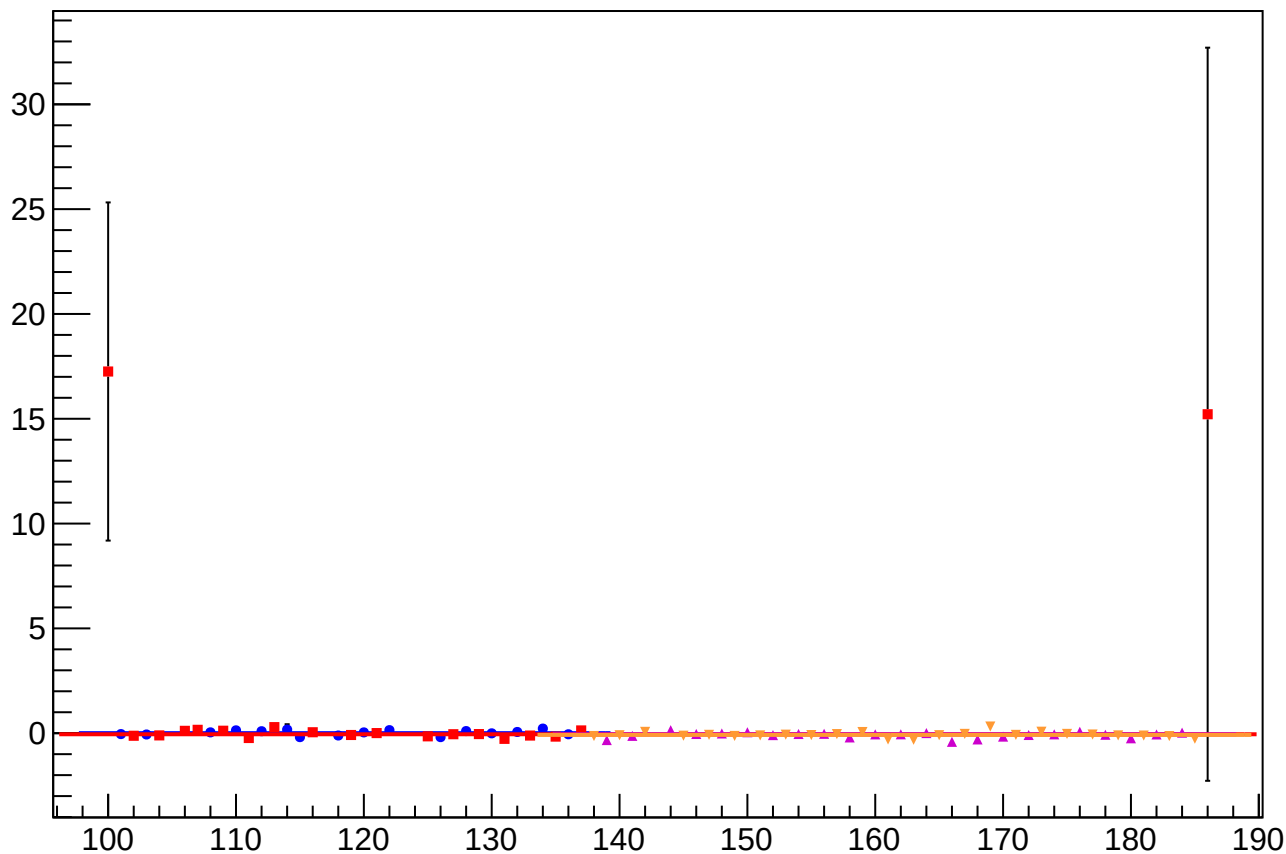
Left In: -0.026 $\pm$ 0.022 χ^2 /NDF: 32.3/22

+ 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

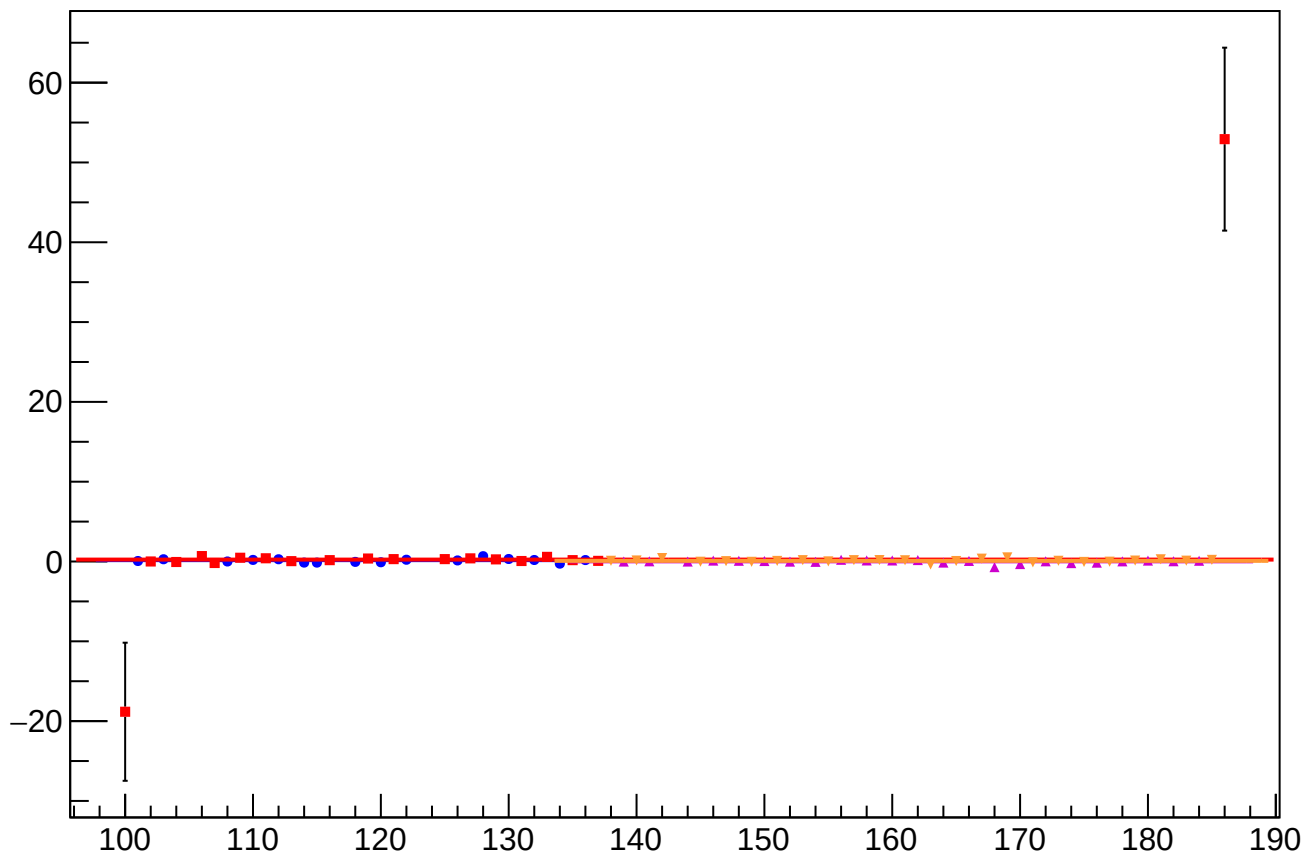
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ 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

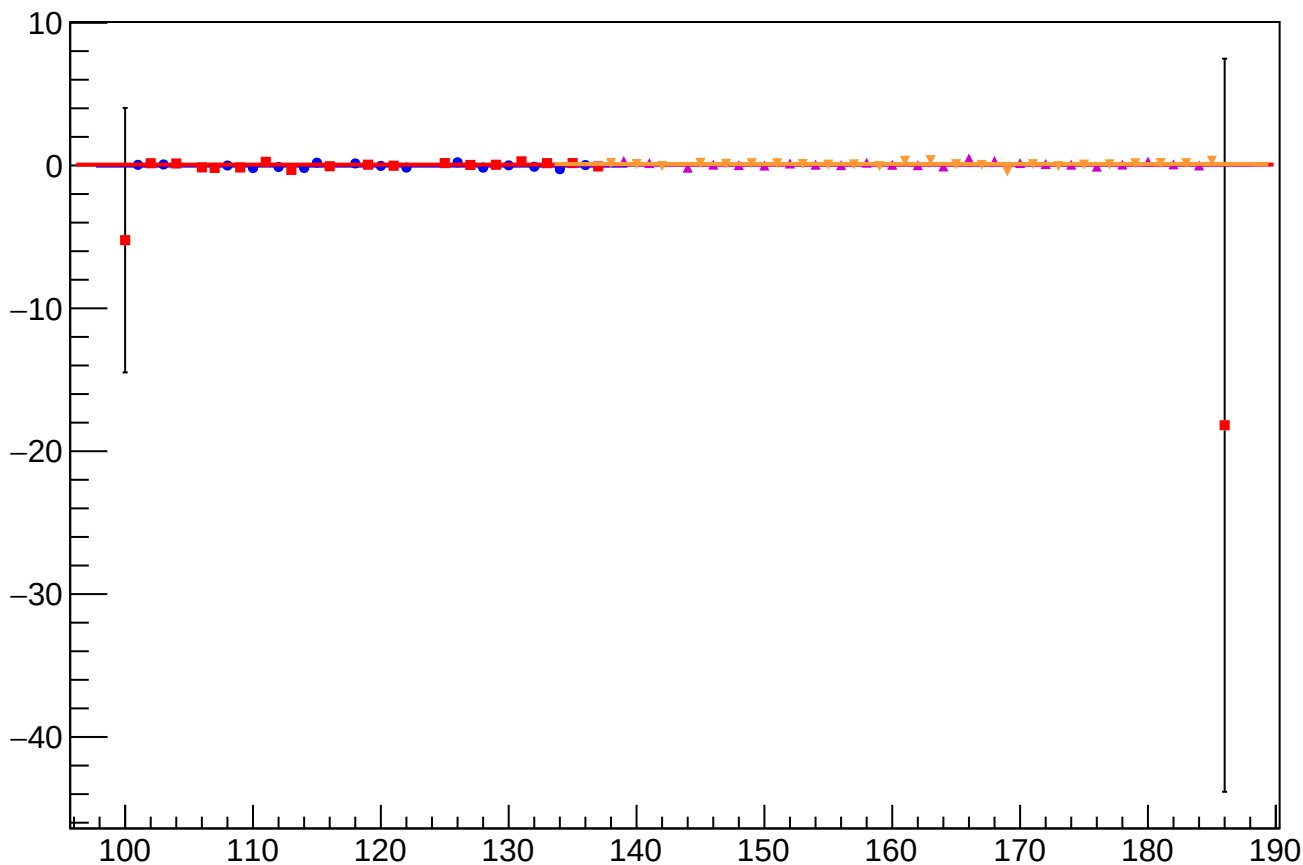
Left In: 0.020 $\pm$ 0.022 χ^2 /NDF: 34.5/22

+ 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

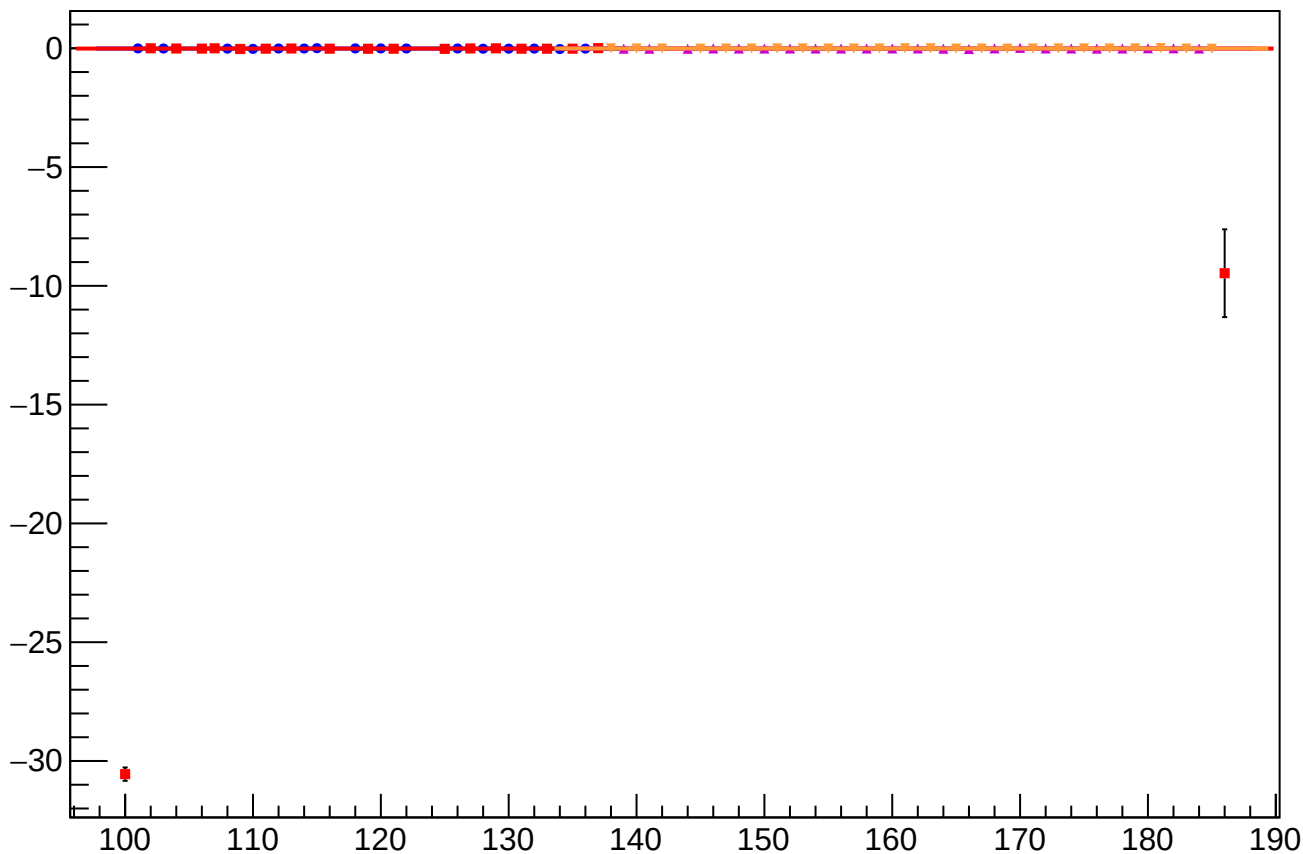
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ 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

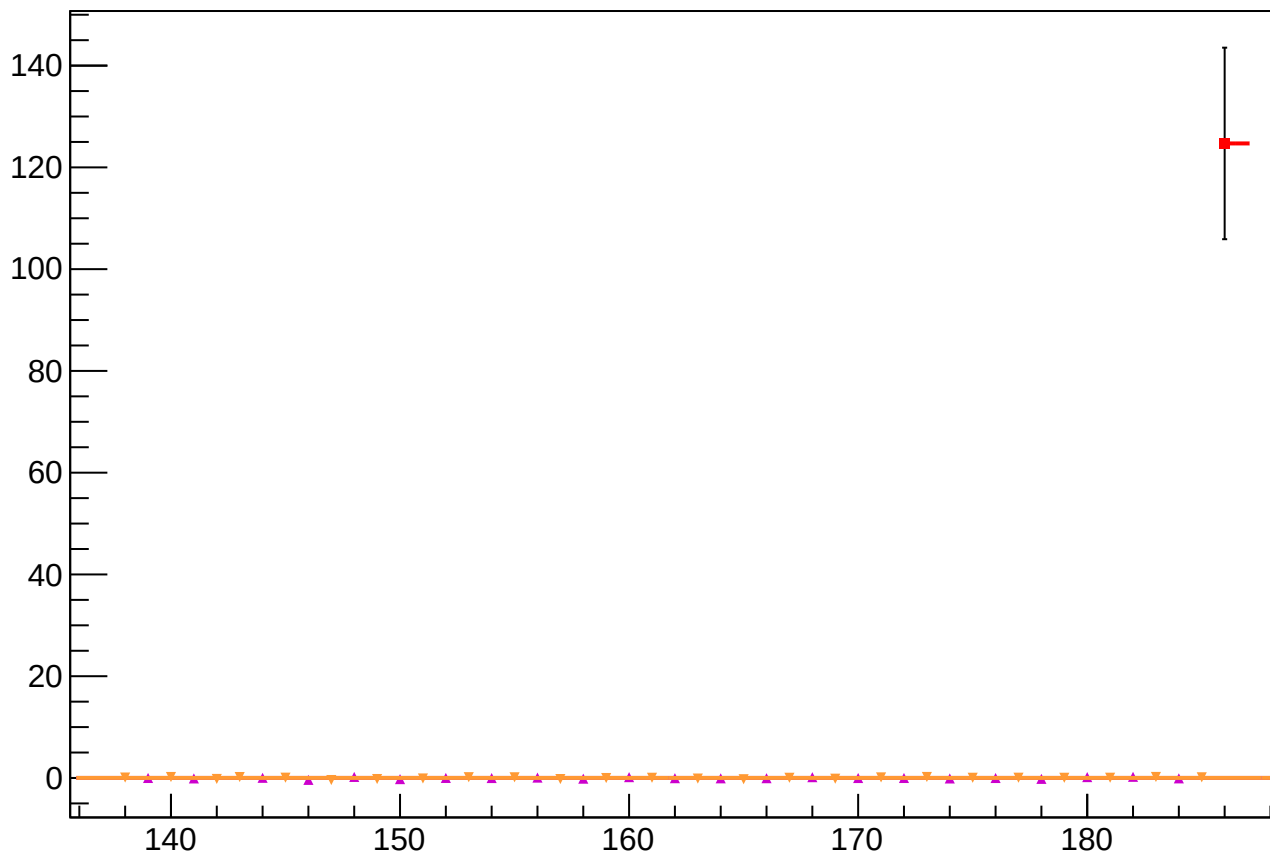
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ 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

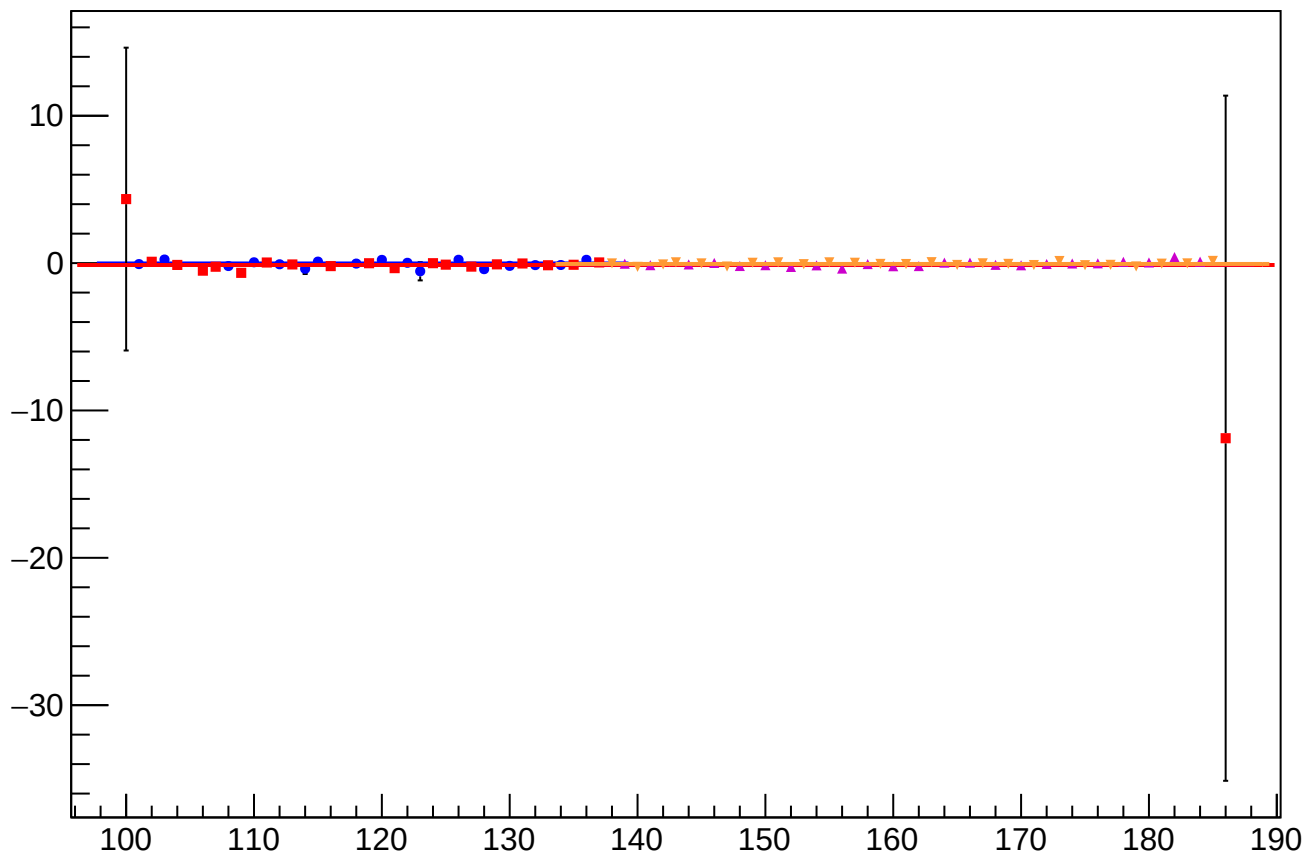
Left In: 0.004 $\pm$ 0.028 χ^2 /NDF: 28.2/22

+ 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

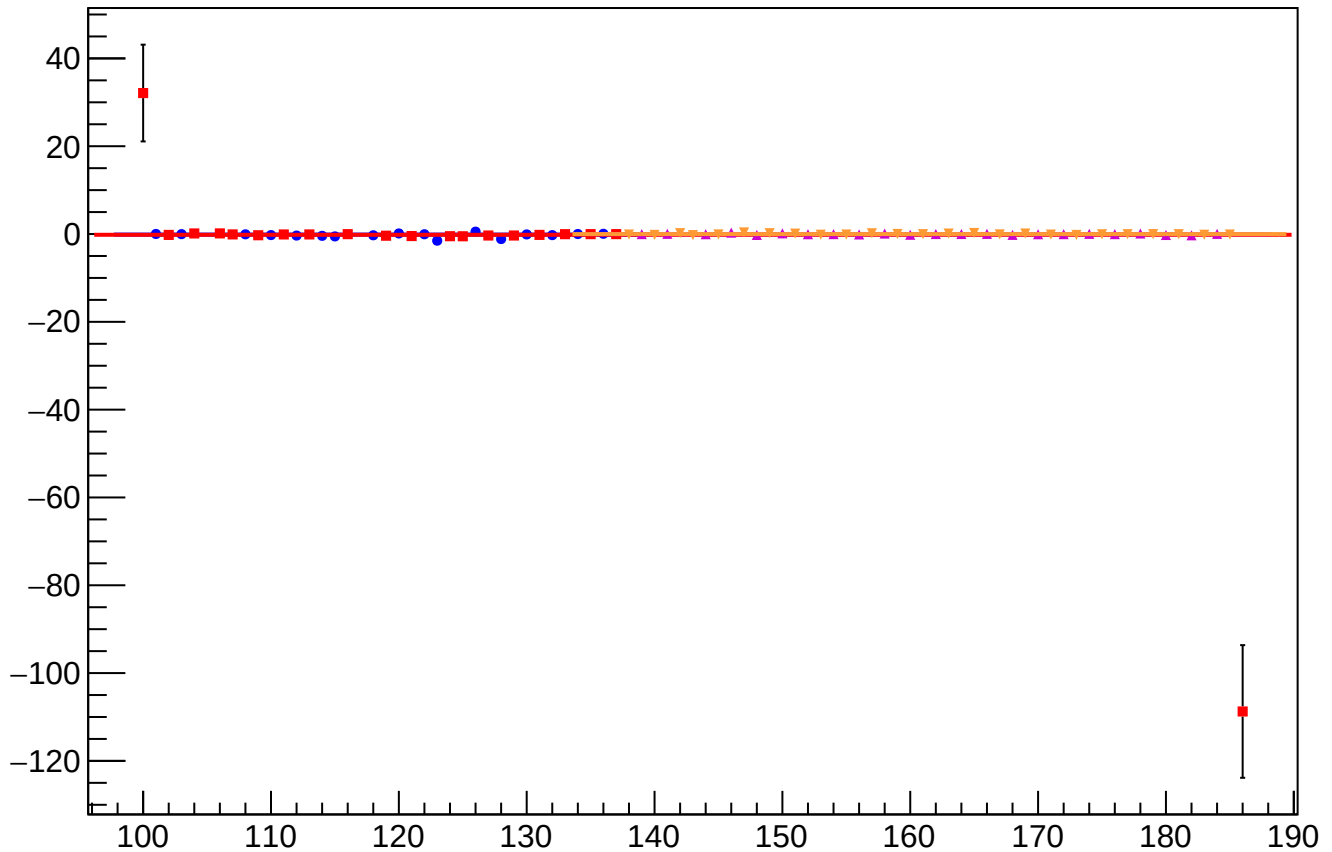
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ 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

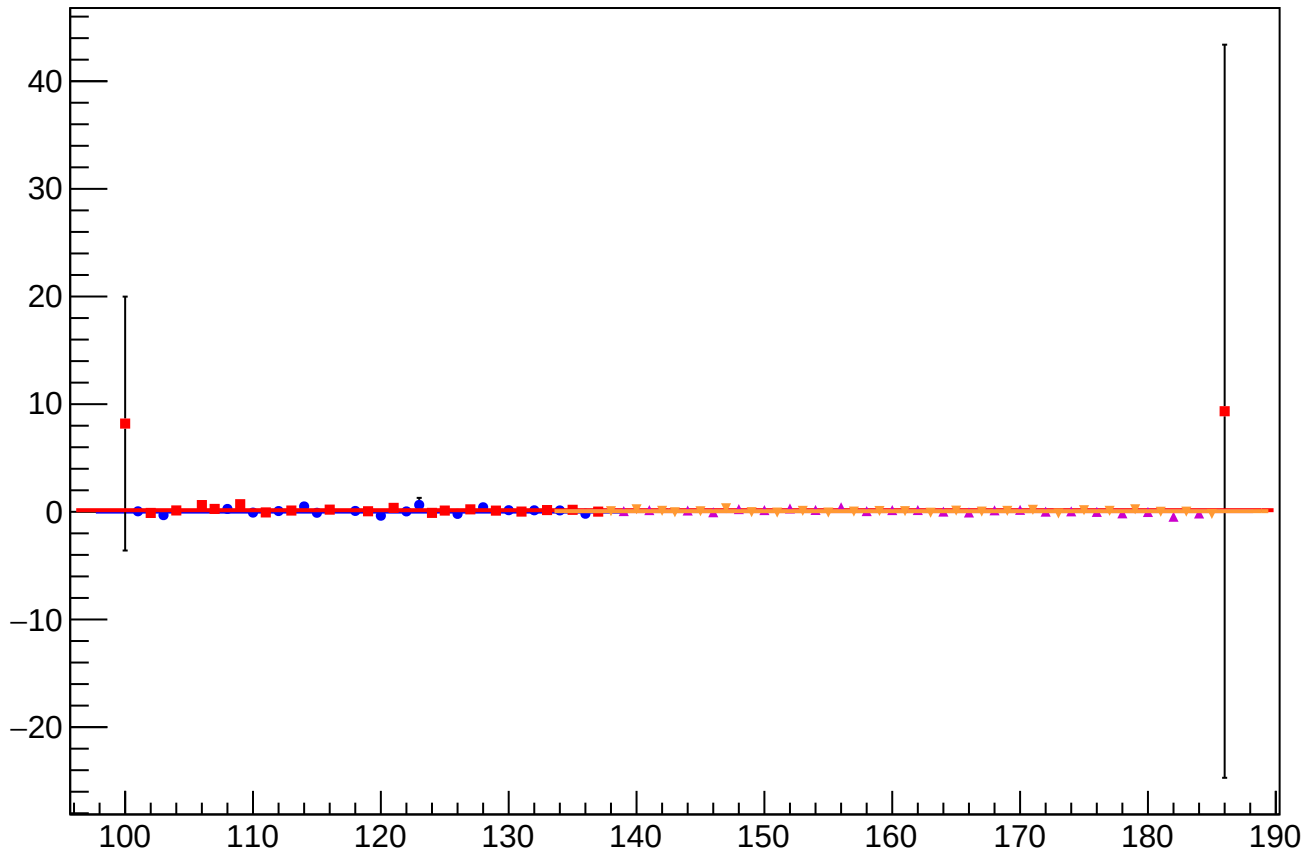
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ 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

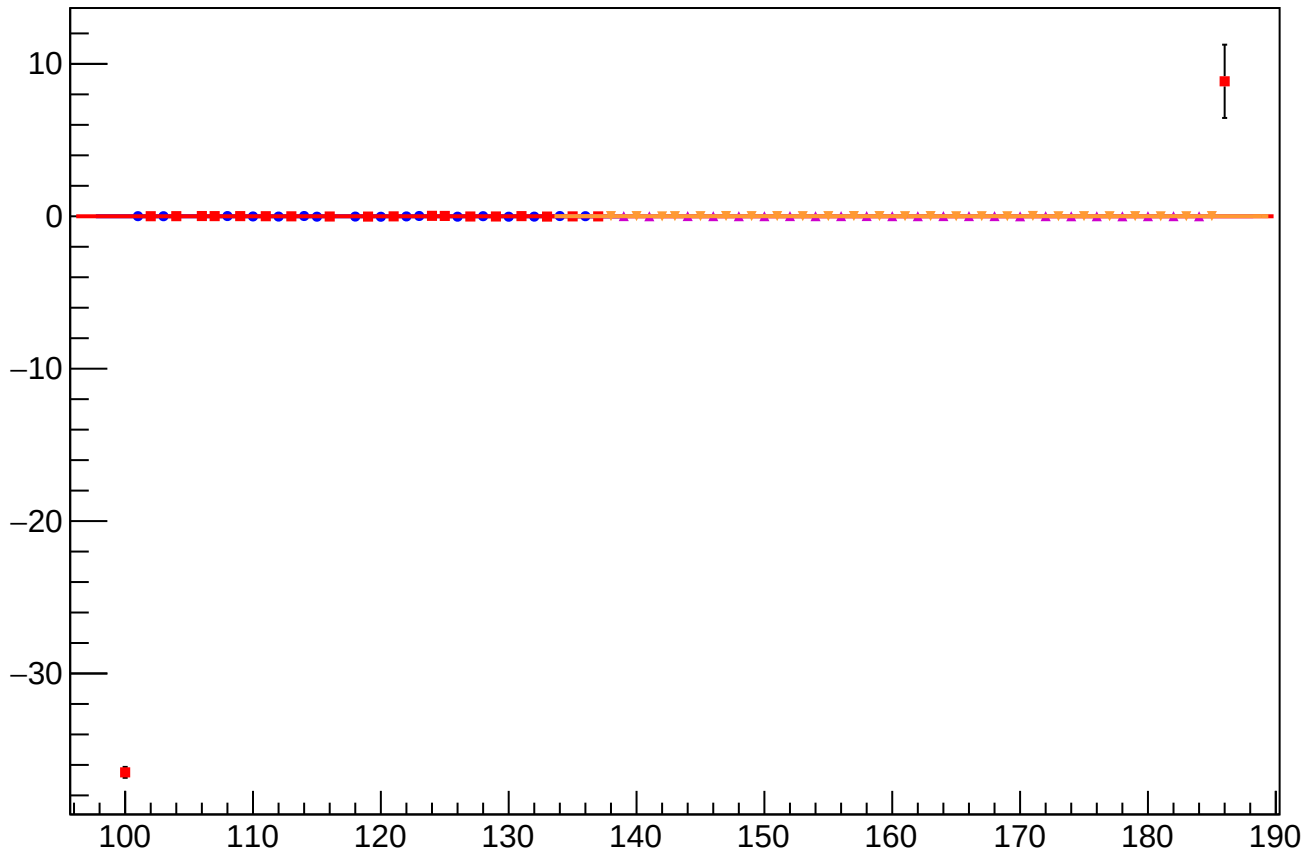
Left In: 0.069 $\pm$ 0.025 χ^2 /NDF:51.4/22

+ 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

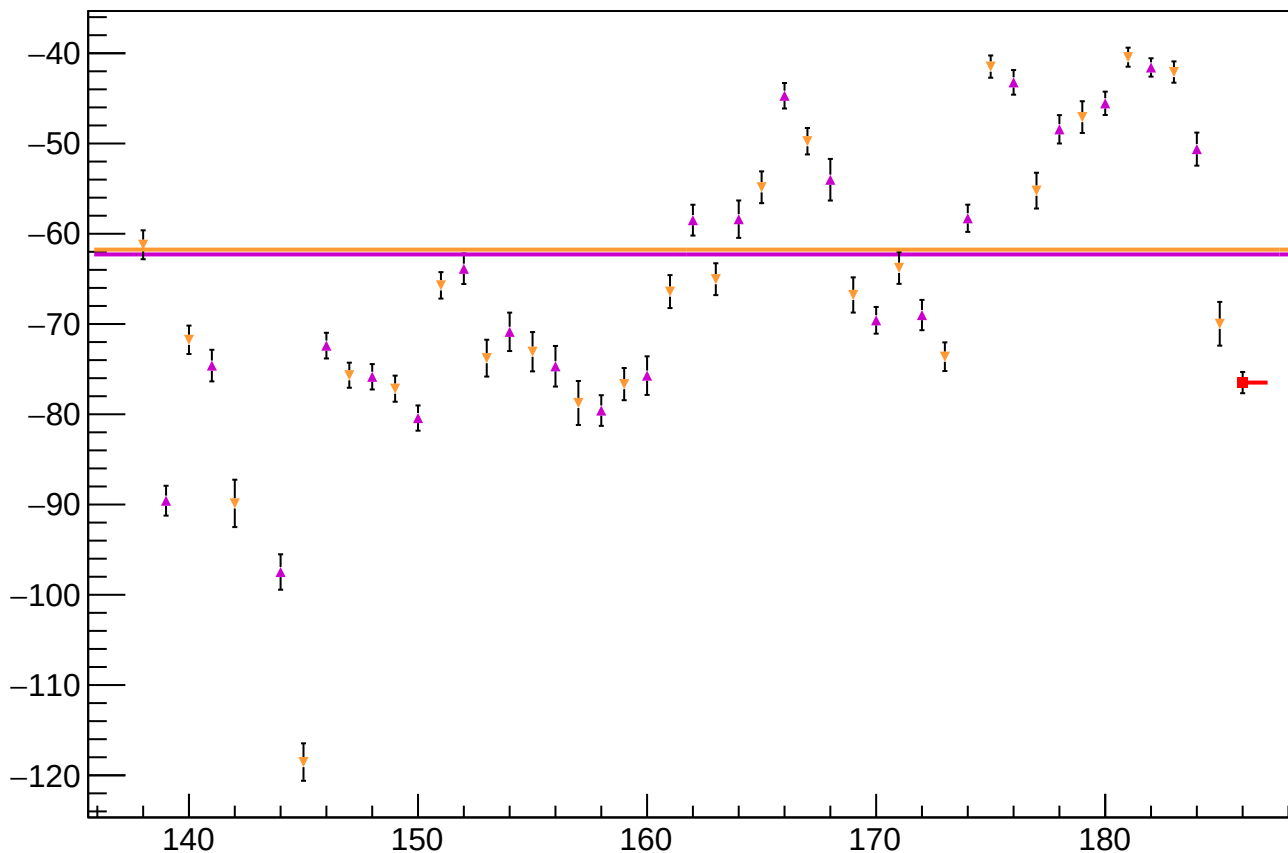
Left In: 0.009 ± 0.001 χ^2/NDF : 15.8/22

+ 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

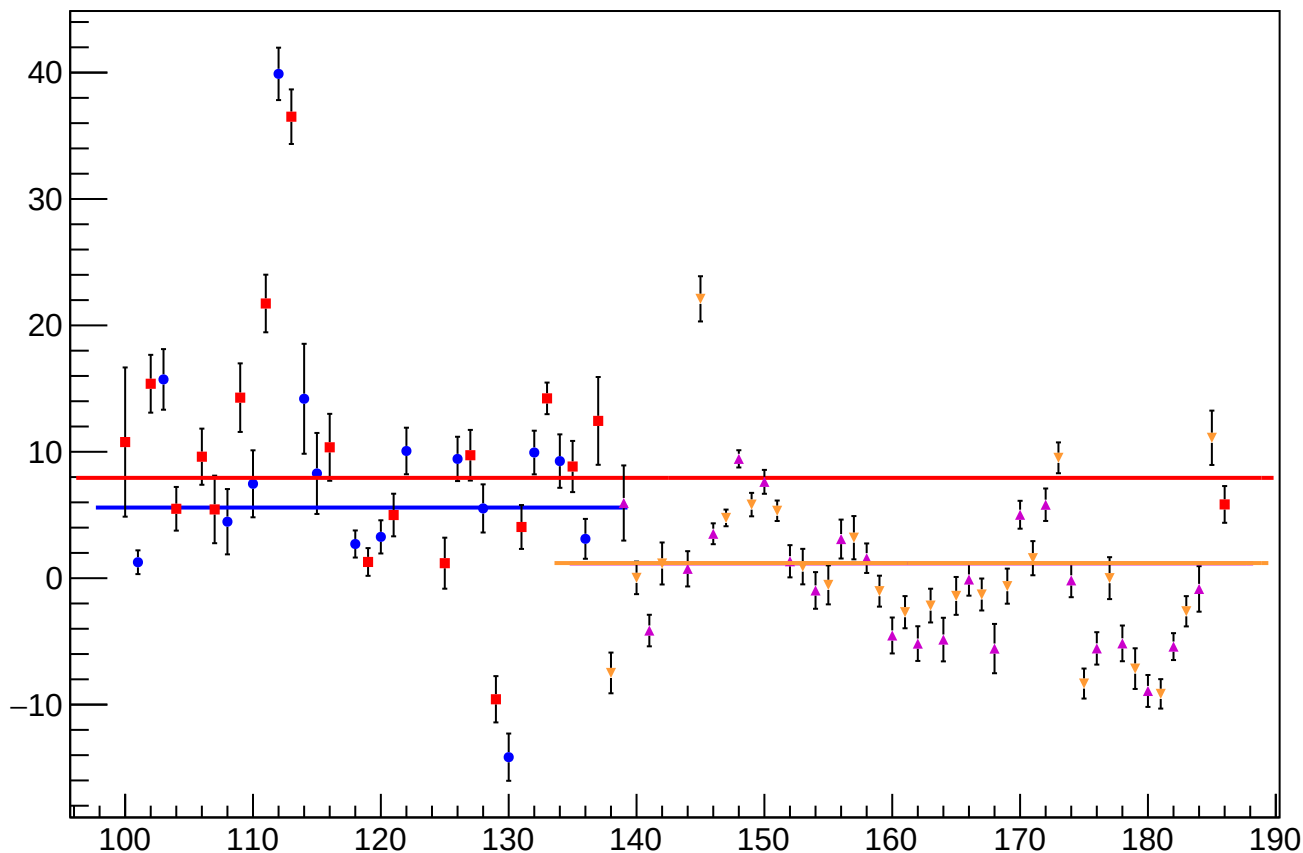
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ 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 χ^2/NDF : 462.8/15

Left Out: 1.197 ± 0.252 χ^2/NDF : 526.1/23

Right Out: 7.937 ± 0.433 χ^2/NDF : 410.0/18

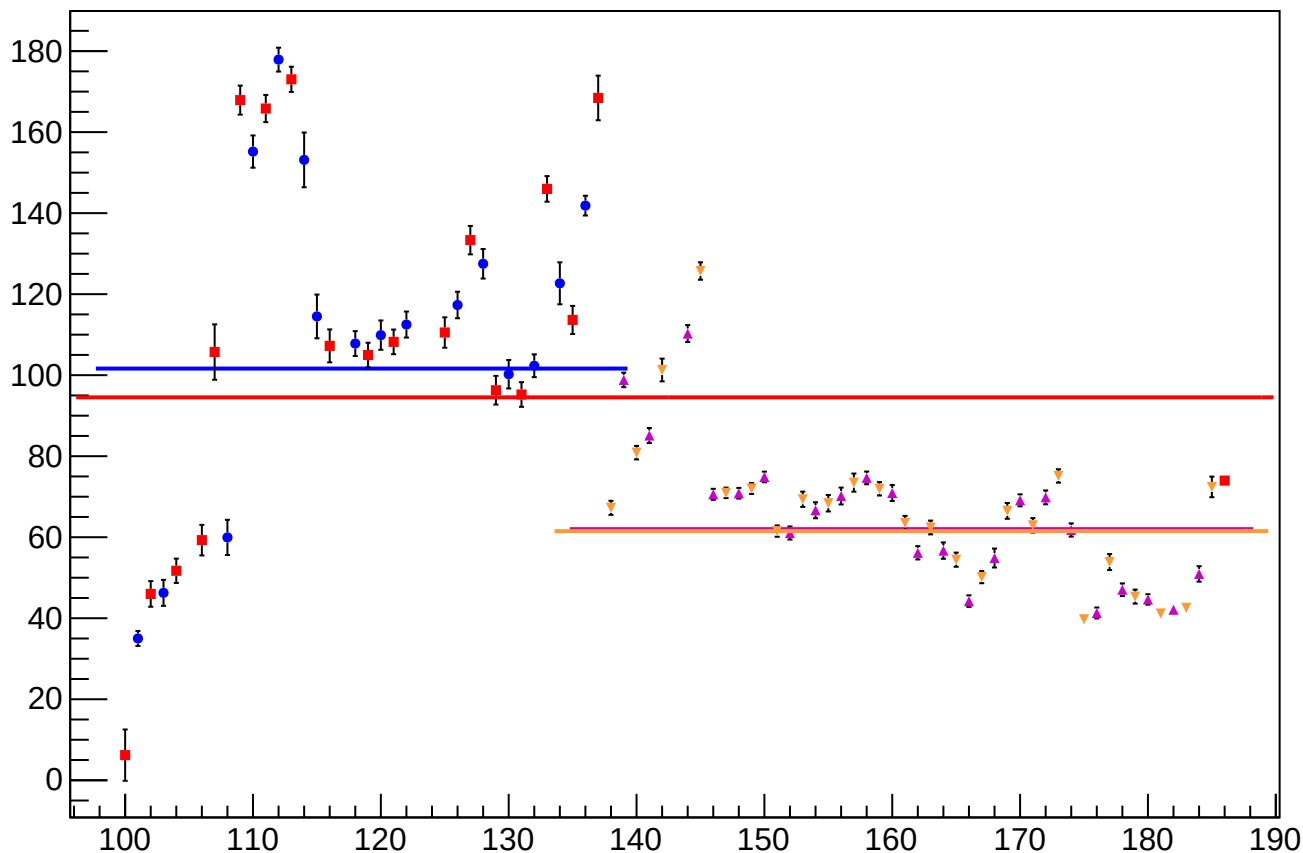
Left In: 1.171 ± 0.255 χ^2/NDF : 466.2/22

+ sign 2.349 ± 0.217 χ^2/NDF : 1068.2/39

All: 2.626 ± 0.154 χ^2/NDF : 2129.2/81

- sign 2.910 ± 0.220 χ^2/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

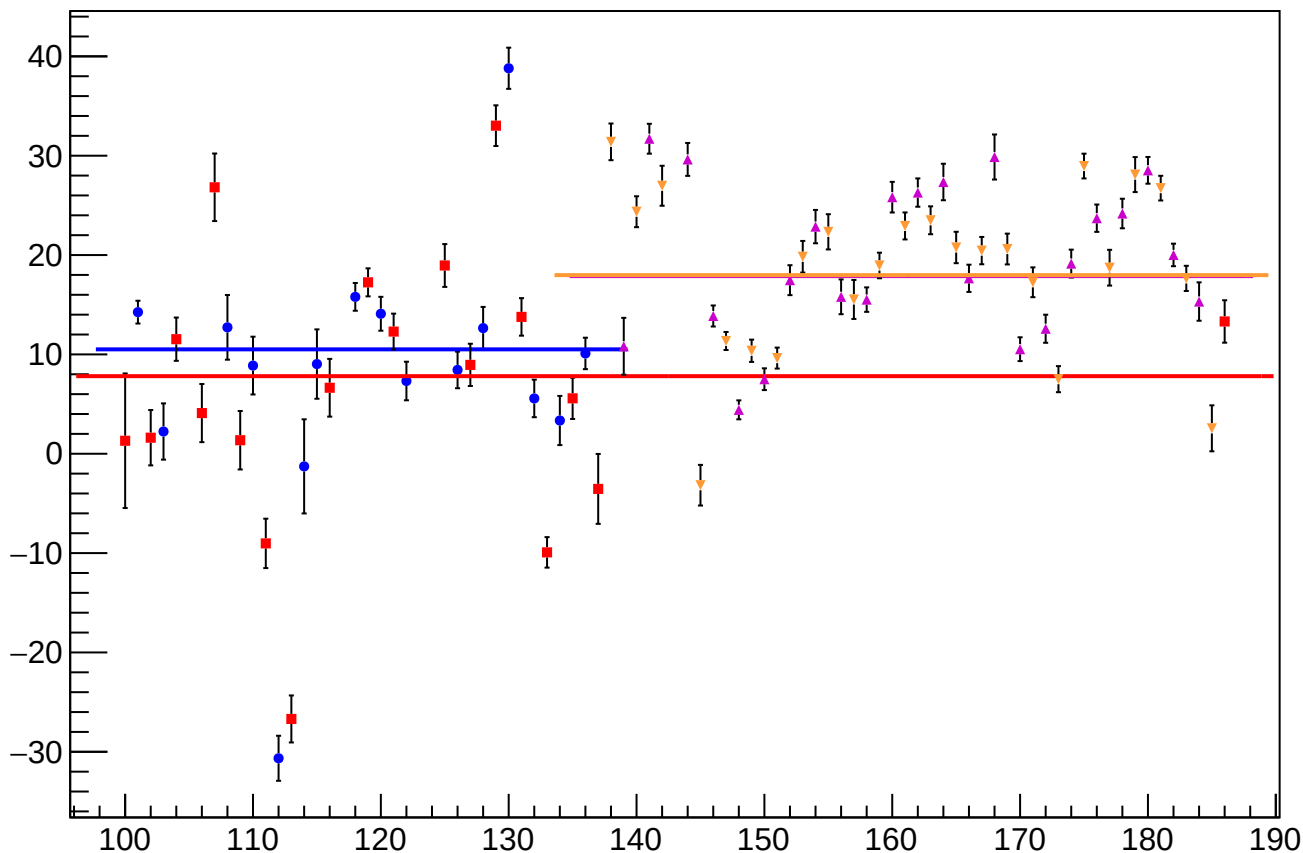
Left In: 61.995 $\pm$ 0.329 χ^2 /NDF: 2517.6/22

+ 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 $\chi^2/\text{NDF}: 581.5/15$

Left Out: 17.979 ± 0.291 $\chi^2/\text{NDF}: 674.8/23$

Right Out: 7.808 ± 0.509 $\chi^2/\text{NDF}: 696.4/18$

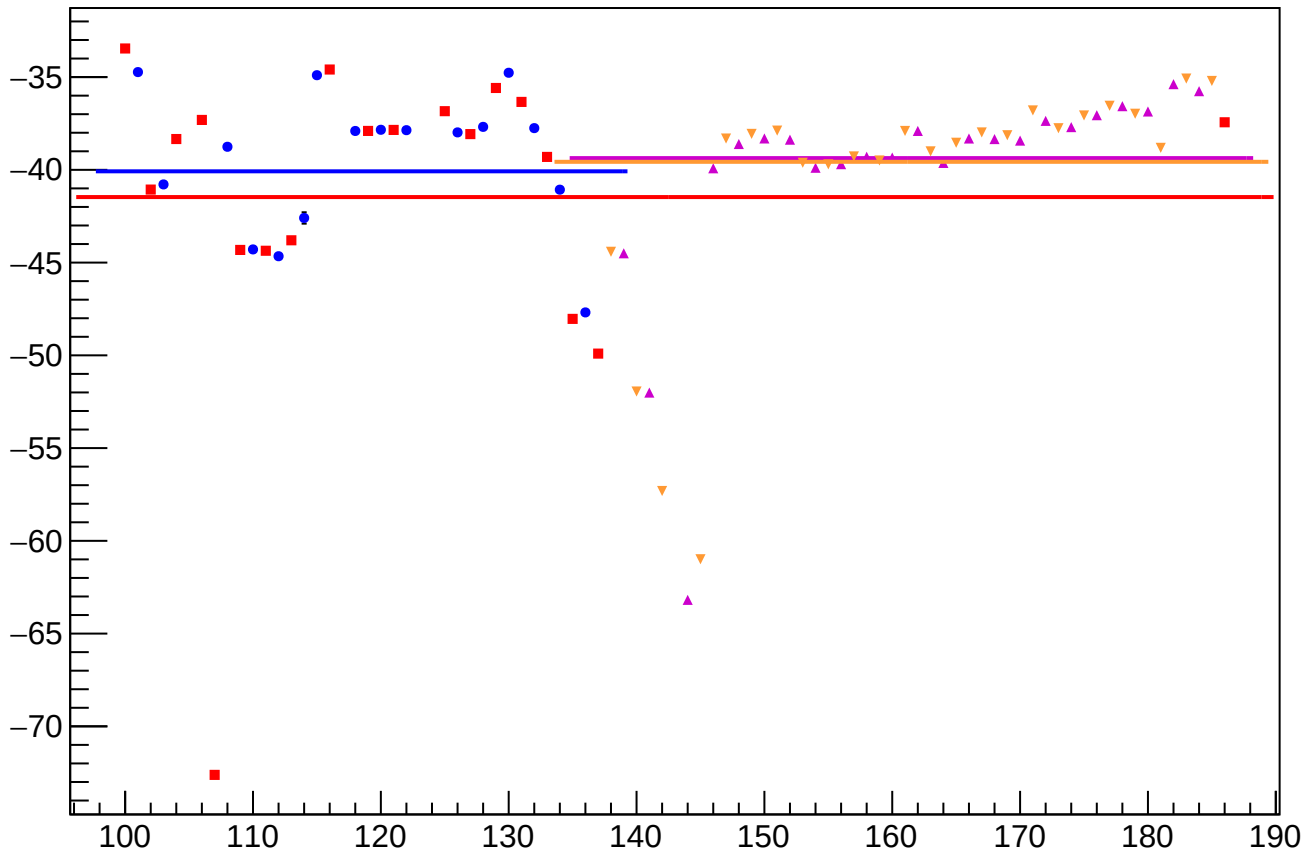
Left In: 17.881 ± 0.292 $\chi^2/\text{NDF}: 730.9/22$

+ sign 16.045 ± 0.250 $\chi^2/\text{NDF}: 1427.2/39$

All: 15.722 ± 0.178 $\chi^2/\text{NDF}: 3152.7/81$

- sign 15.391 ± 0.253 $\chi^2/\text{NDF}: 1722.2/41$

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 $\chi^2/\text{NDF}: 62510.1/18$

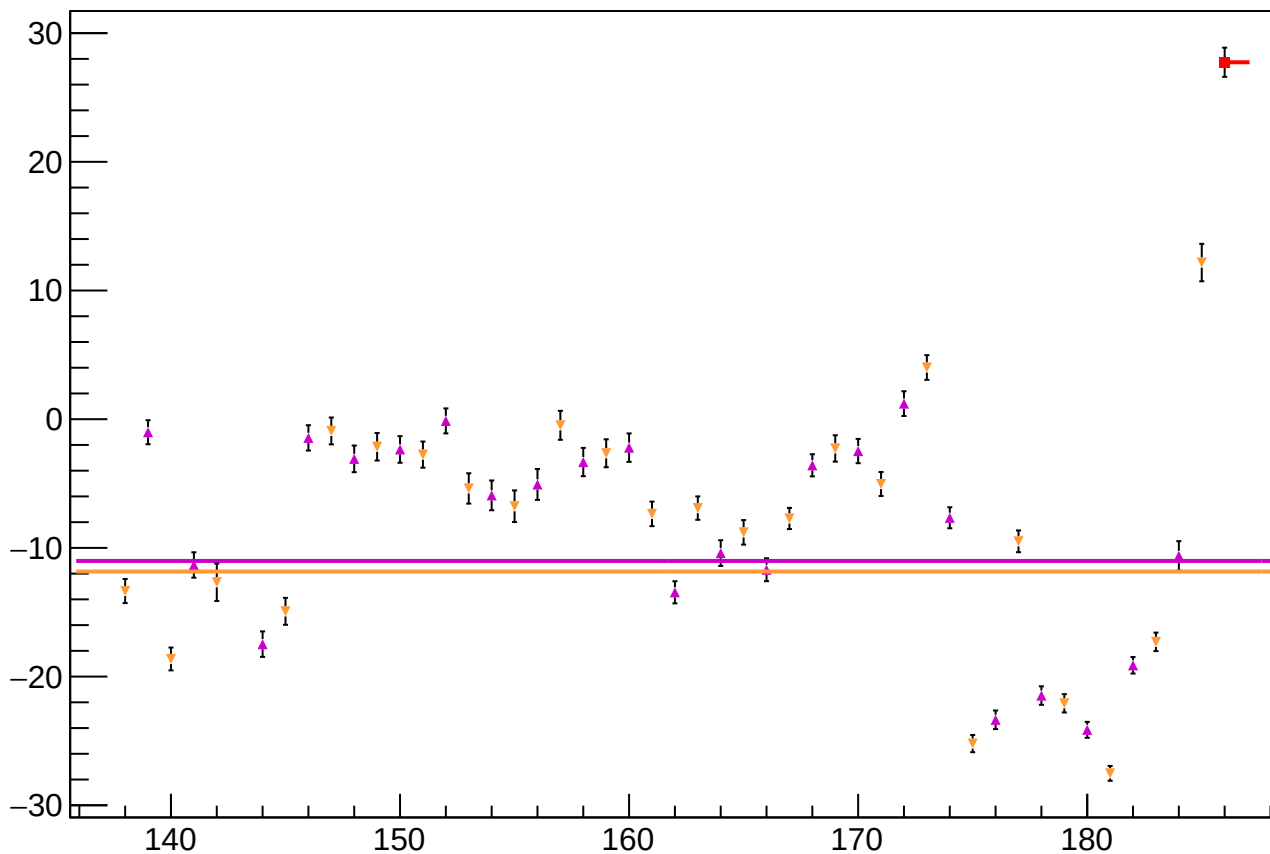
Left In: -39.368 ± 0.014 $\chi^2/\text{NDF}: 117958.1/22$

+ 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

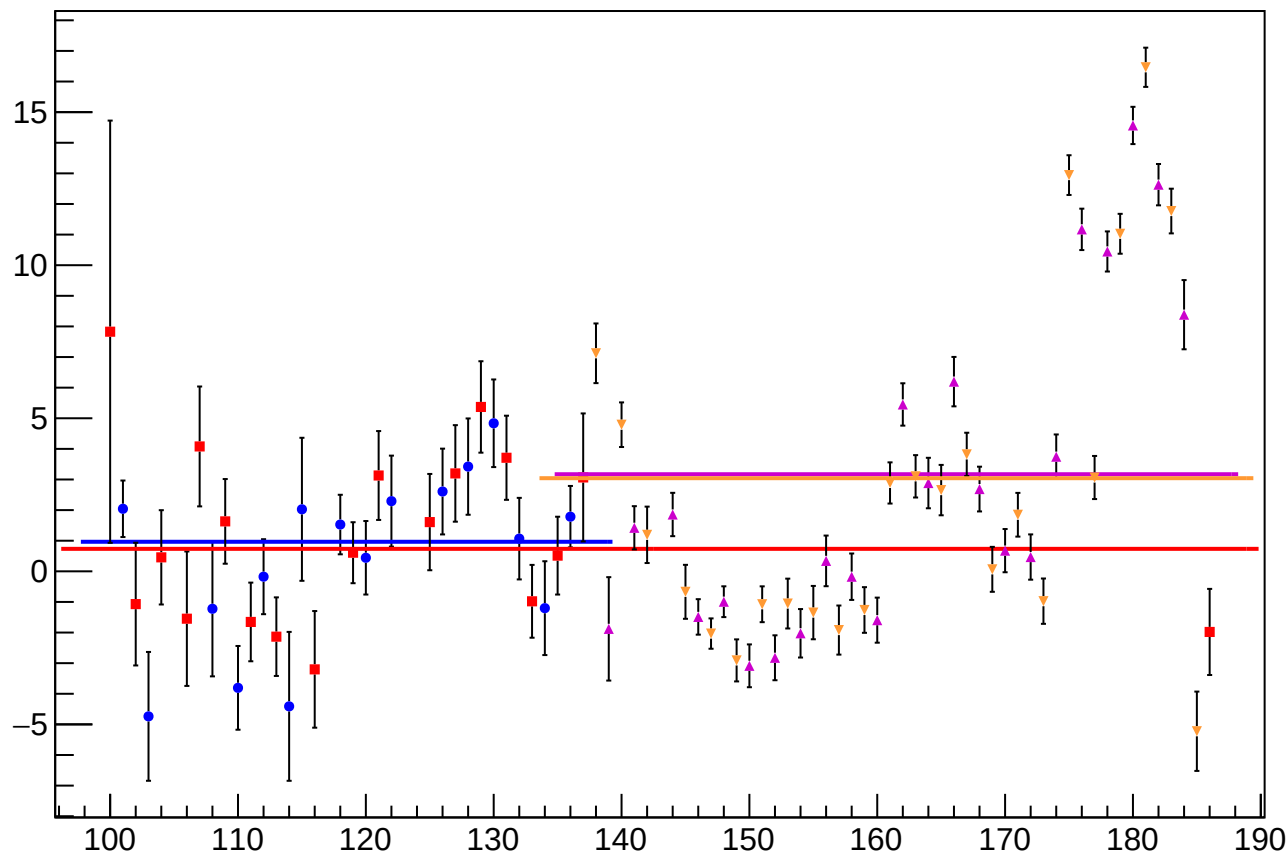
Left In: -11.014 $\pm$ 0.187 χ^2 /NDF:2116.6/22

+ 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 $\pm$ 0.338 χ^2/NDF : 42.9/15

Left Out: 3.042 $\pm$ 0.148 χ^2/NDF :1452.6/23

Right Out: 0.734 $\pm$ 0.343 χ^2/NDF : 45.9/18

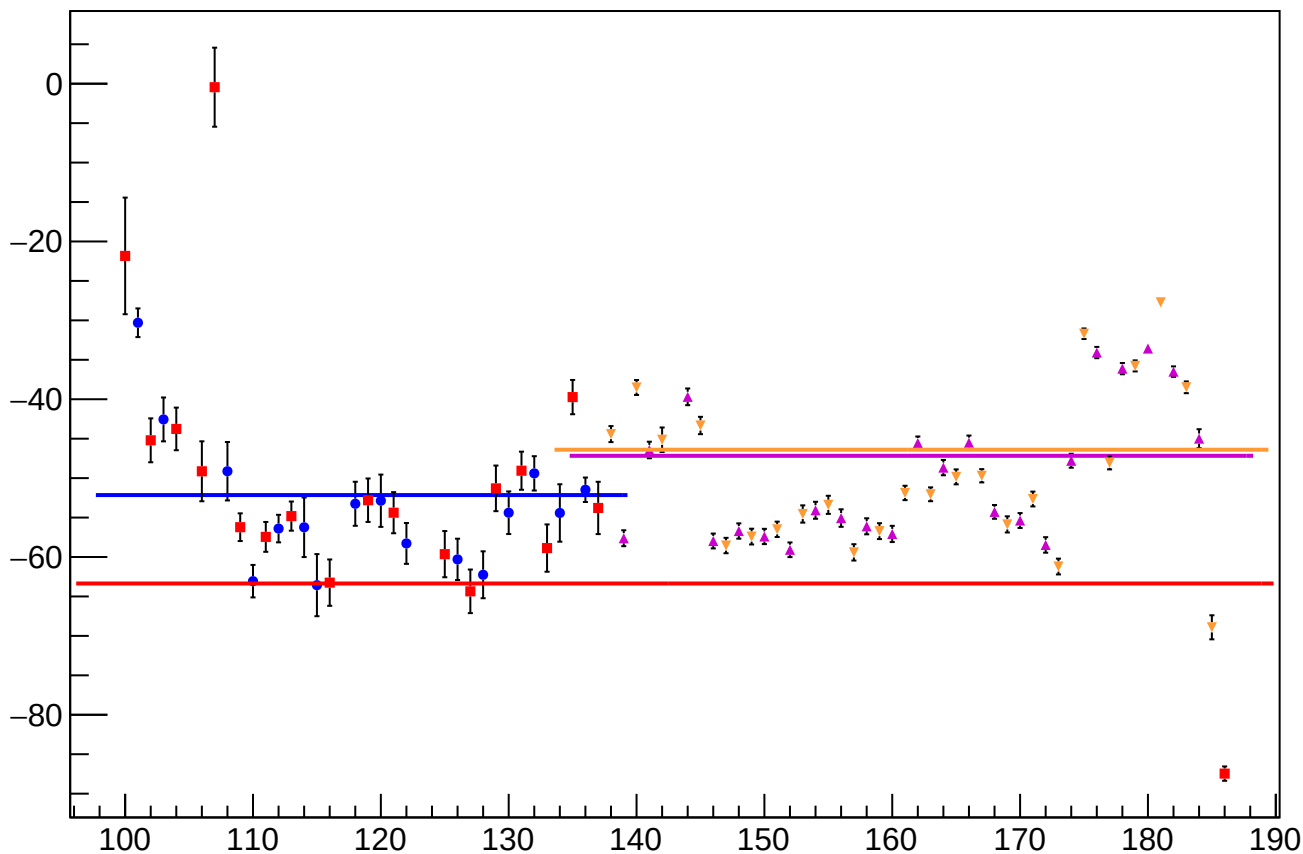
Left In: 3.172 $\pm$ 0.150 χ^2/NDF :1297.9/22

+ sign 2.709 $\pm$ 0.135 χ^2/NDF : 1527.2/39

All: 2.745 $\pm$ 0.096 χ^2/NDF : 2913.6/81

- sign 2.783 $\pm$ 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

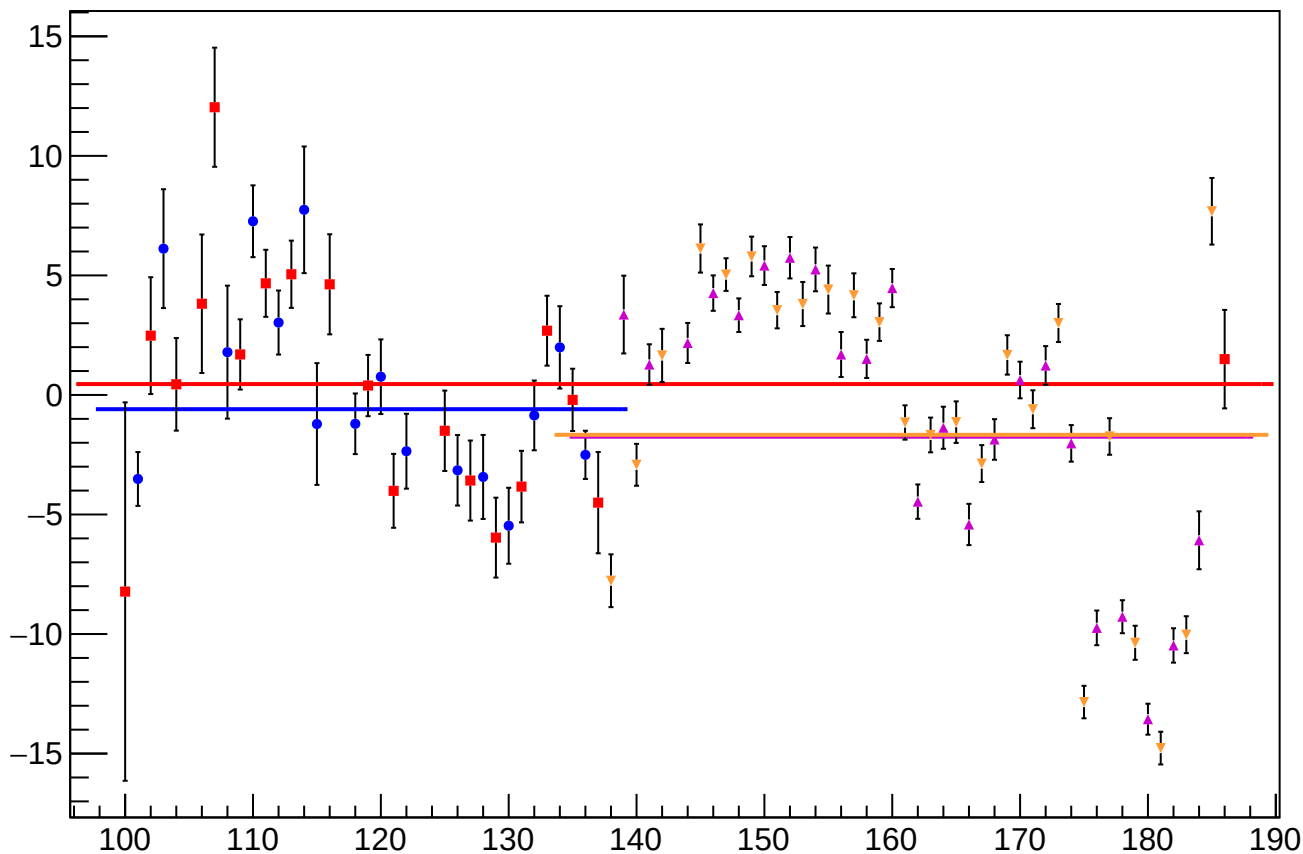
Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

+ 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 $\pm$ 0.384 χ^2/NDF : 82.6/15

Left Out: -1.668 $\pm$ 0.167 χ^2/NDF : 1479.3/23

Right Out: 0.455 $\pm$ 0.392 χ^2/NDF : 96.1/18

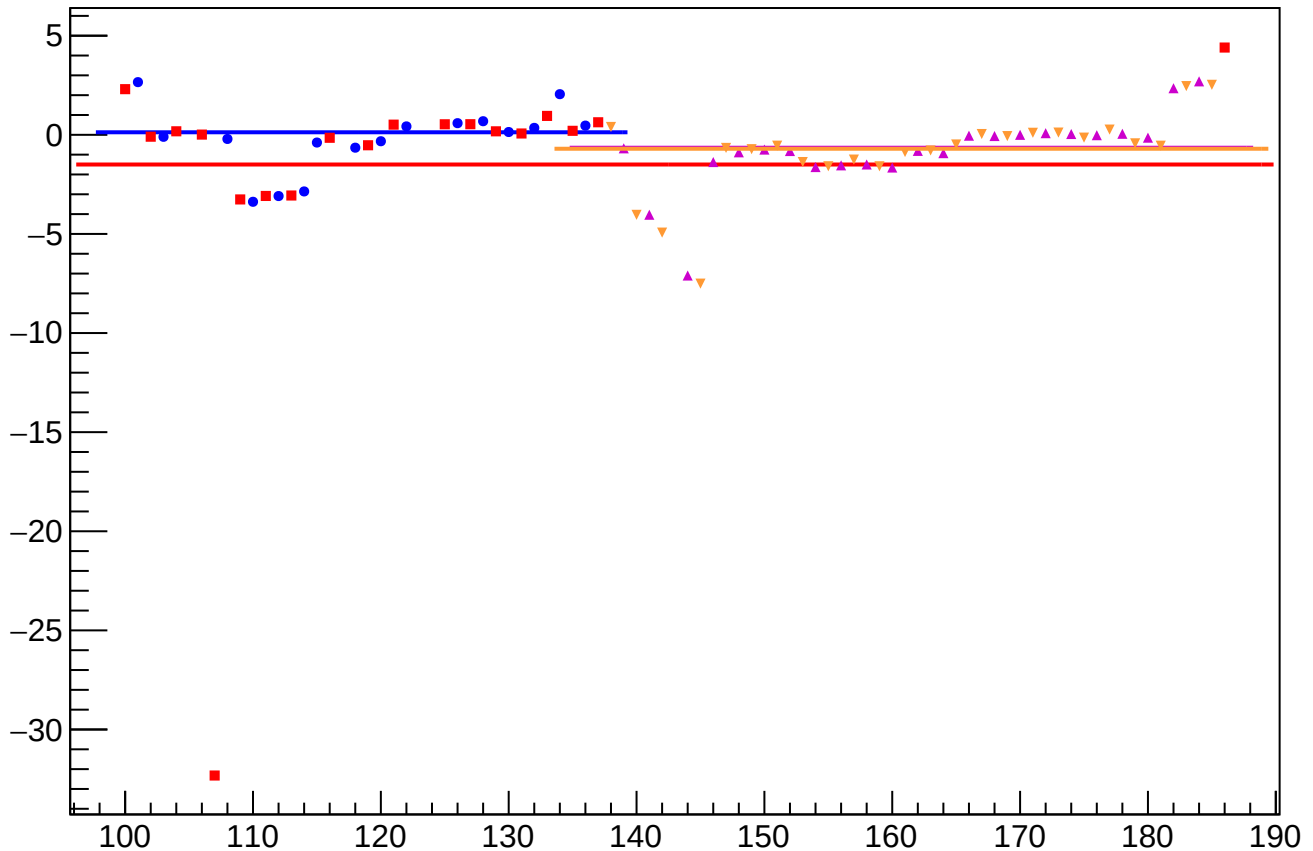
Left In: -1.746 $\pm$ 0.168 χ^2/NDF : 1254.1/22

+ sign -1.498 $\pm$ 0.153 χ^2/NDF : 1568.5/39

All: -1.451 $\pm$ 0.109 χ^2/NDF : 2945.4/81

- sign -1.404 $\pm$ 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

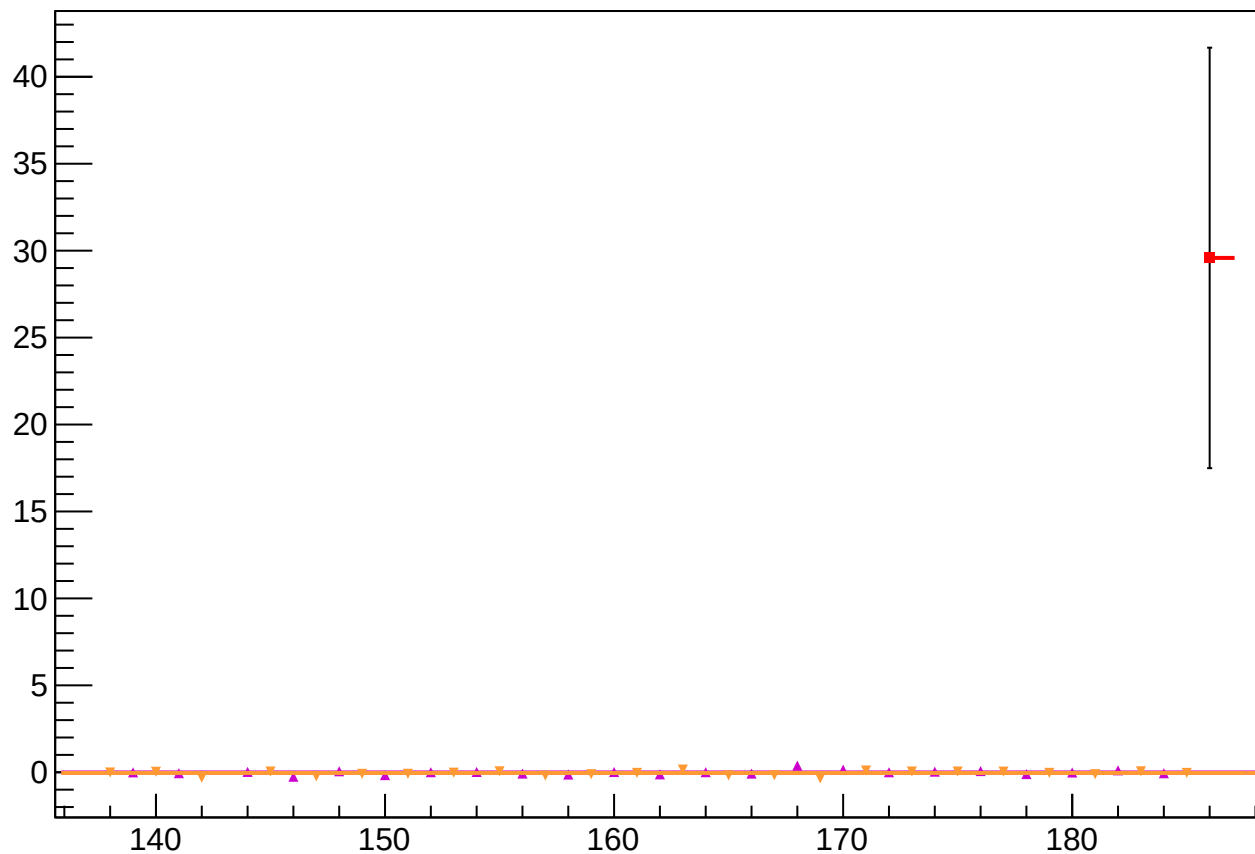
Left In: -0.651 ± 0.008 χ^2/NDF : 44167.1/22

+ 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

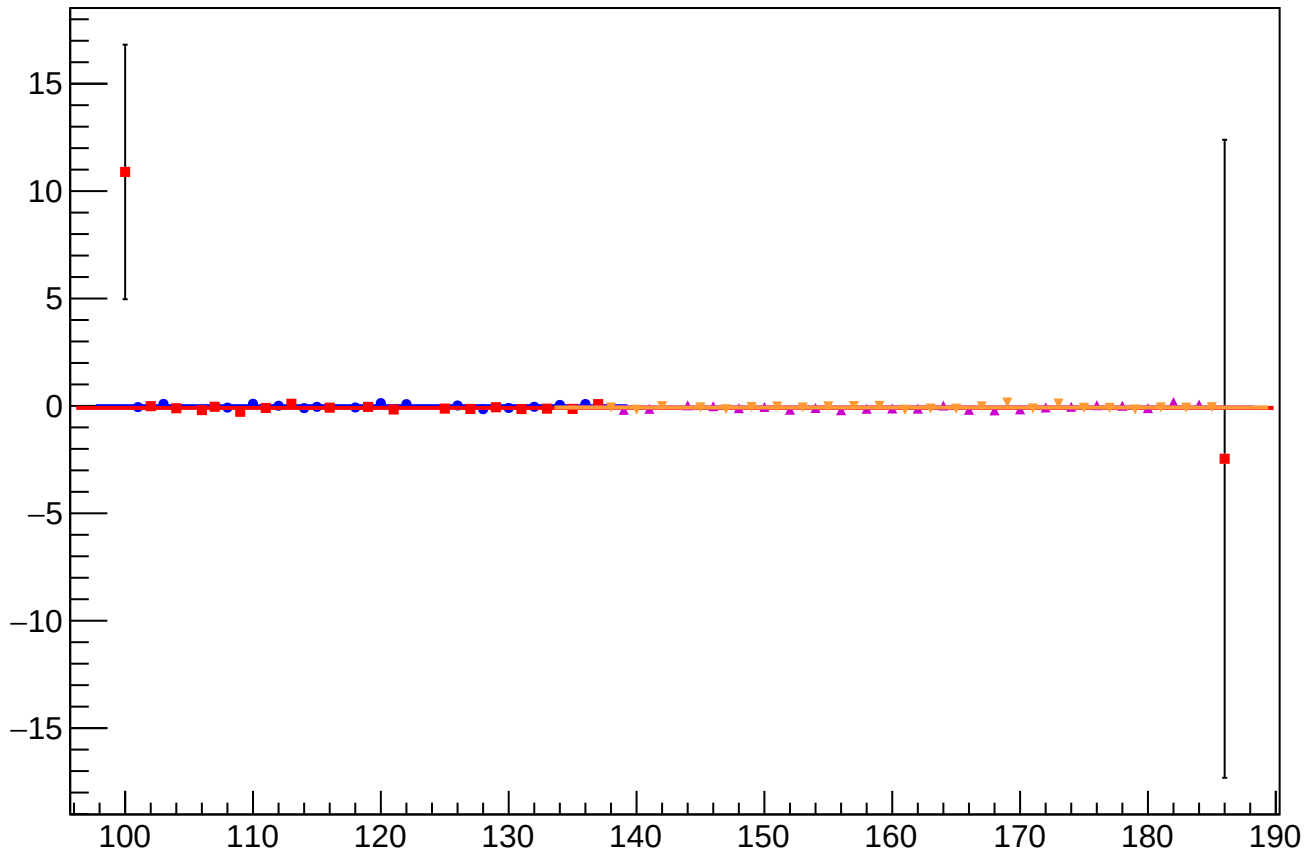
Left In: -0.009 $\pm$ 0.018 χ^2 /NDF: 35.3/22

+ 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

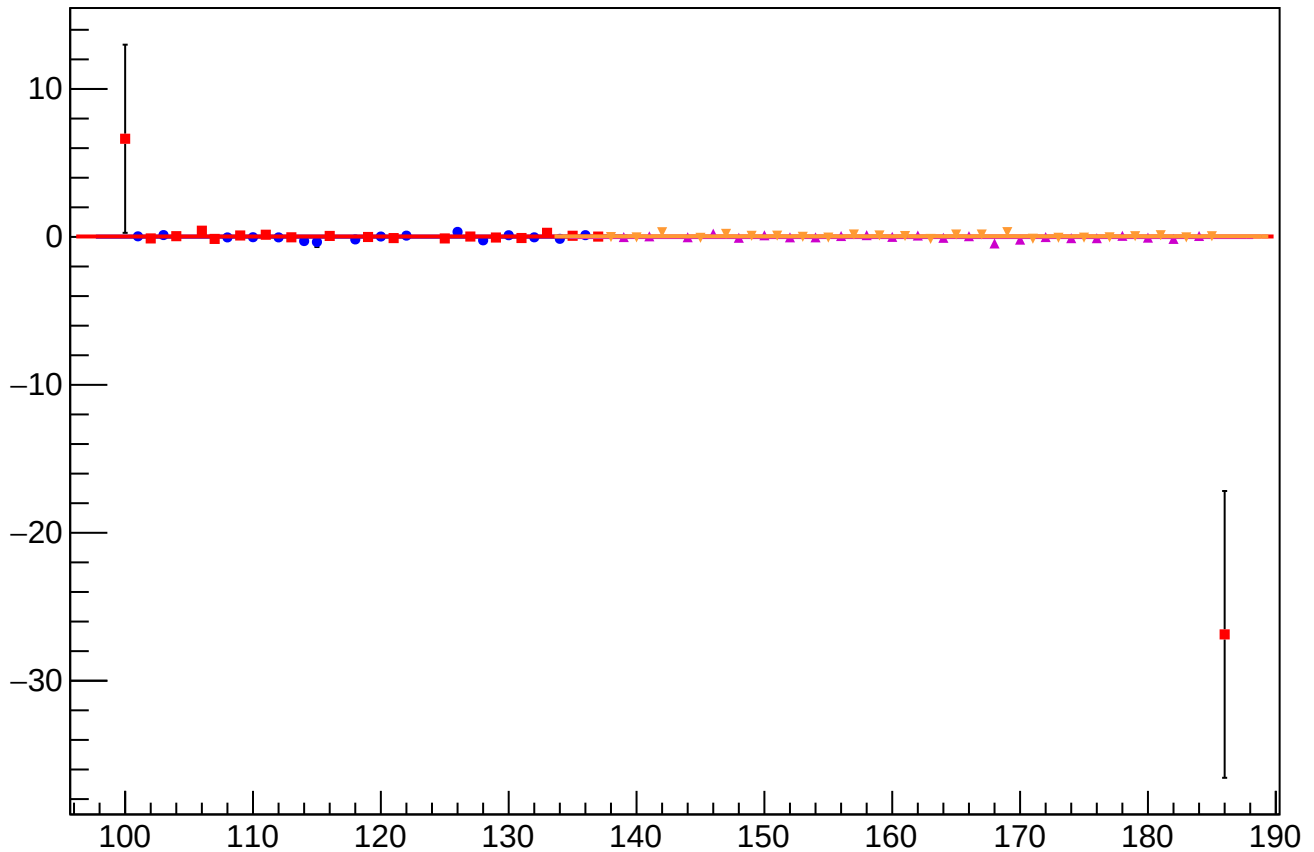
Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

+ 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

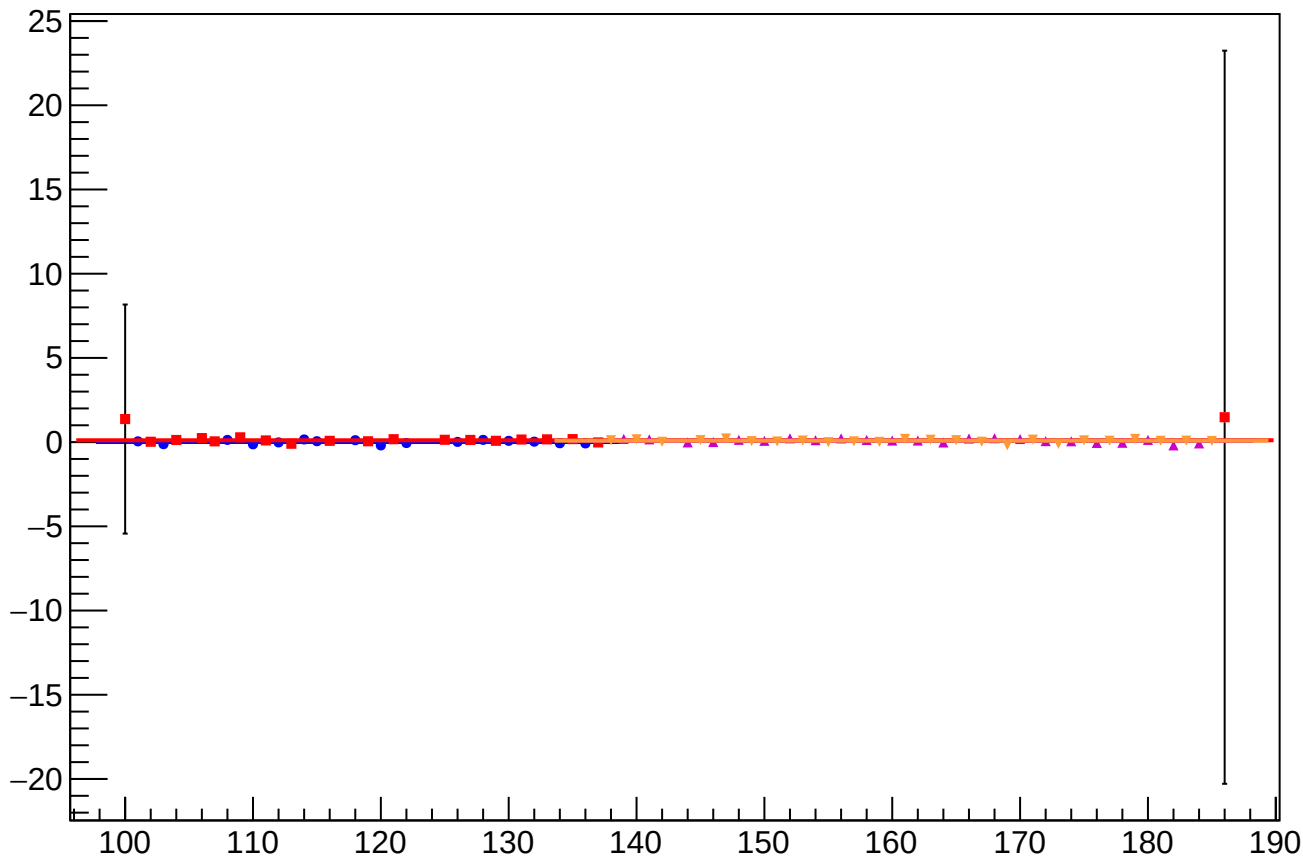
Left In: -0.010 $\pm$ 0.018 χ^2/NDF : 37.1/22

+ 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 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.086 $\pm$ 0.016 χ^2 /NDF: 27.8/23

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/18

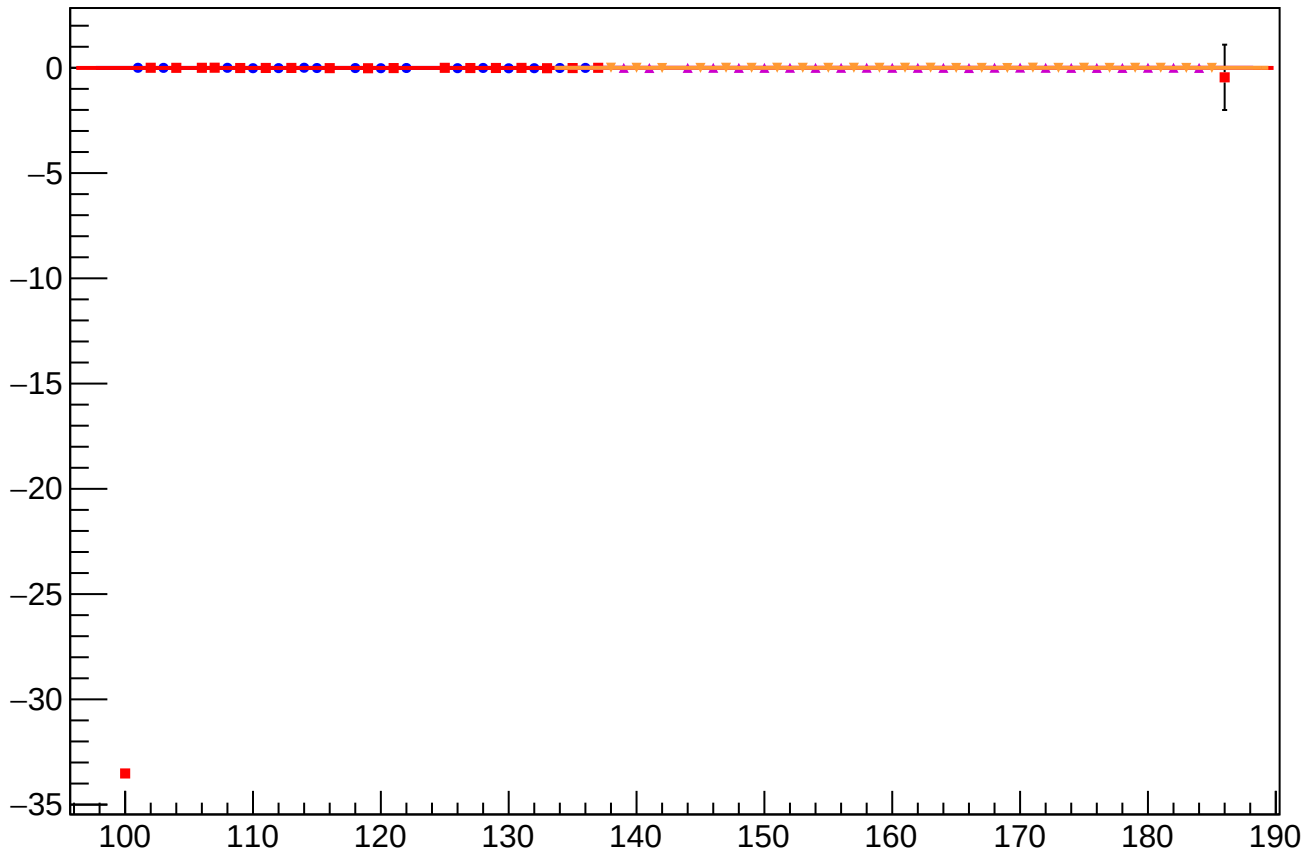
Left In: 0.071 $\pm$ 0.016 χ^2 /NDF: 44.0/22

+ sign 0.065 $\pm$ 0.014 χ^2 /NDF: 46.3/39

All: 0.073 $\pm$ 0.010 χ^2 /NDF: 100.2/81

- sign 0.081 $\pm$ 0.014 χ^2 /NDF: 53.3/41

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 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

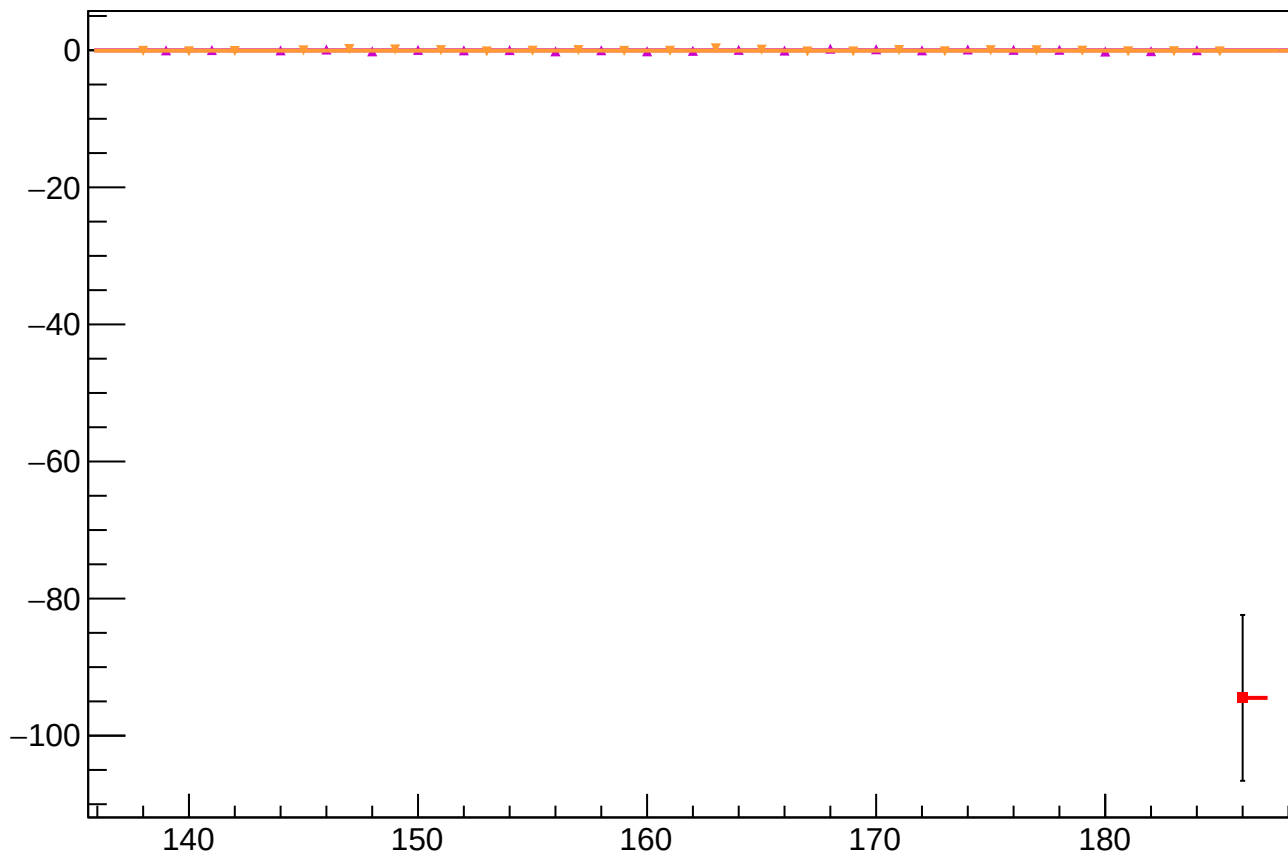
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ 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

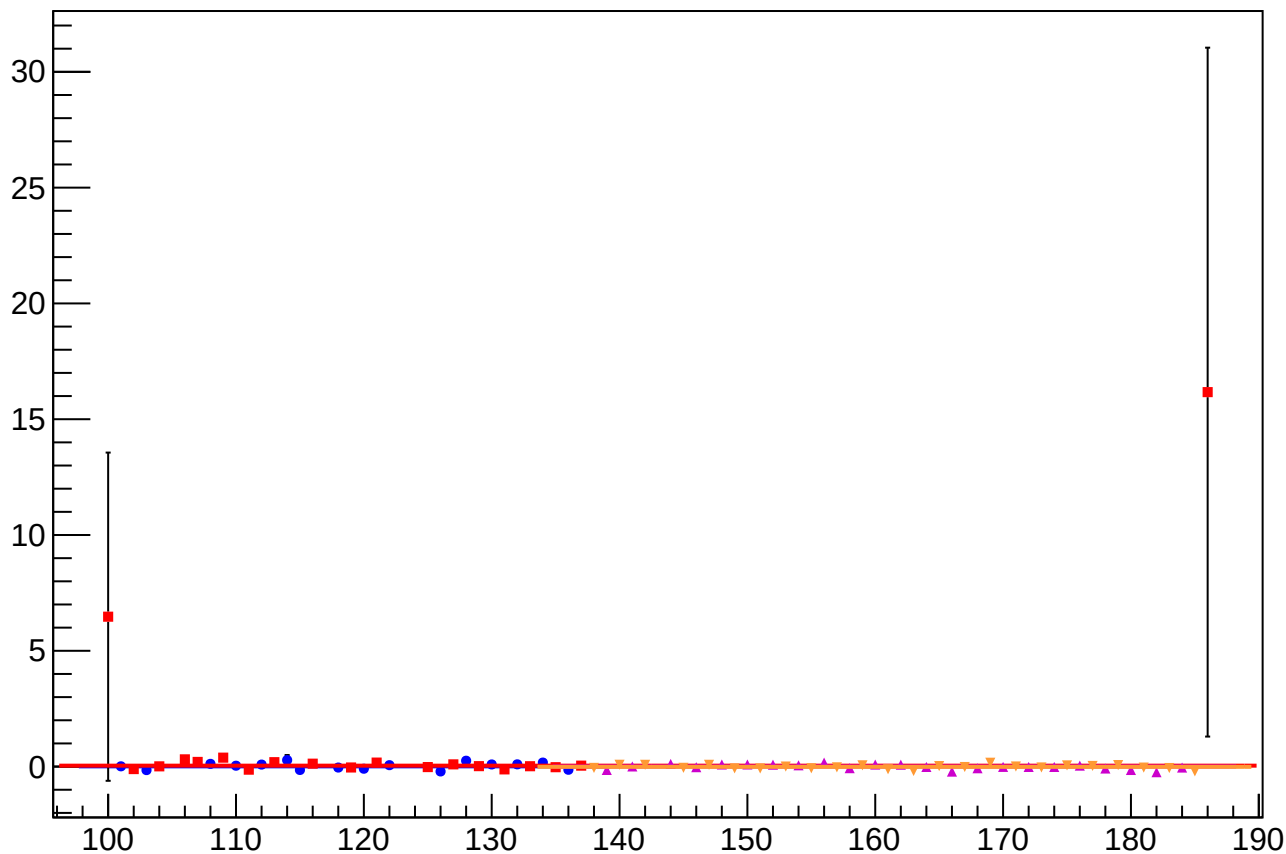
Left In: -0.010 $\pm$ 0.018 χ^2 /NDF: 33.3/22

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

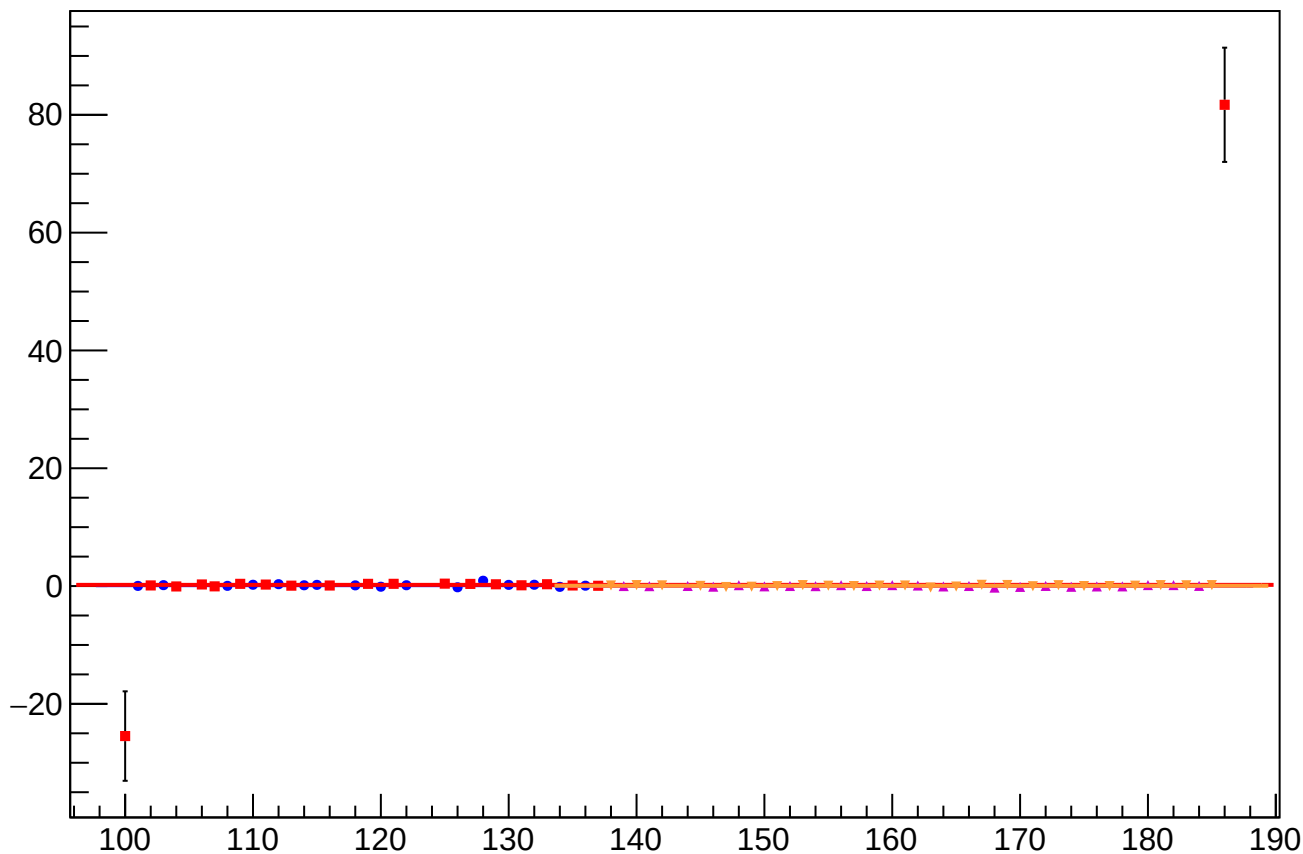
All: -0.031 $\pm$ 0.013 χ^2 /NDF: 134.3/47

- sign -0.010 $\pm$ 0.018 χ^2 /NDF: 94.3/23

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



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

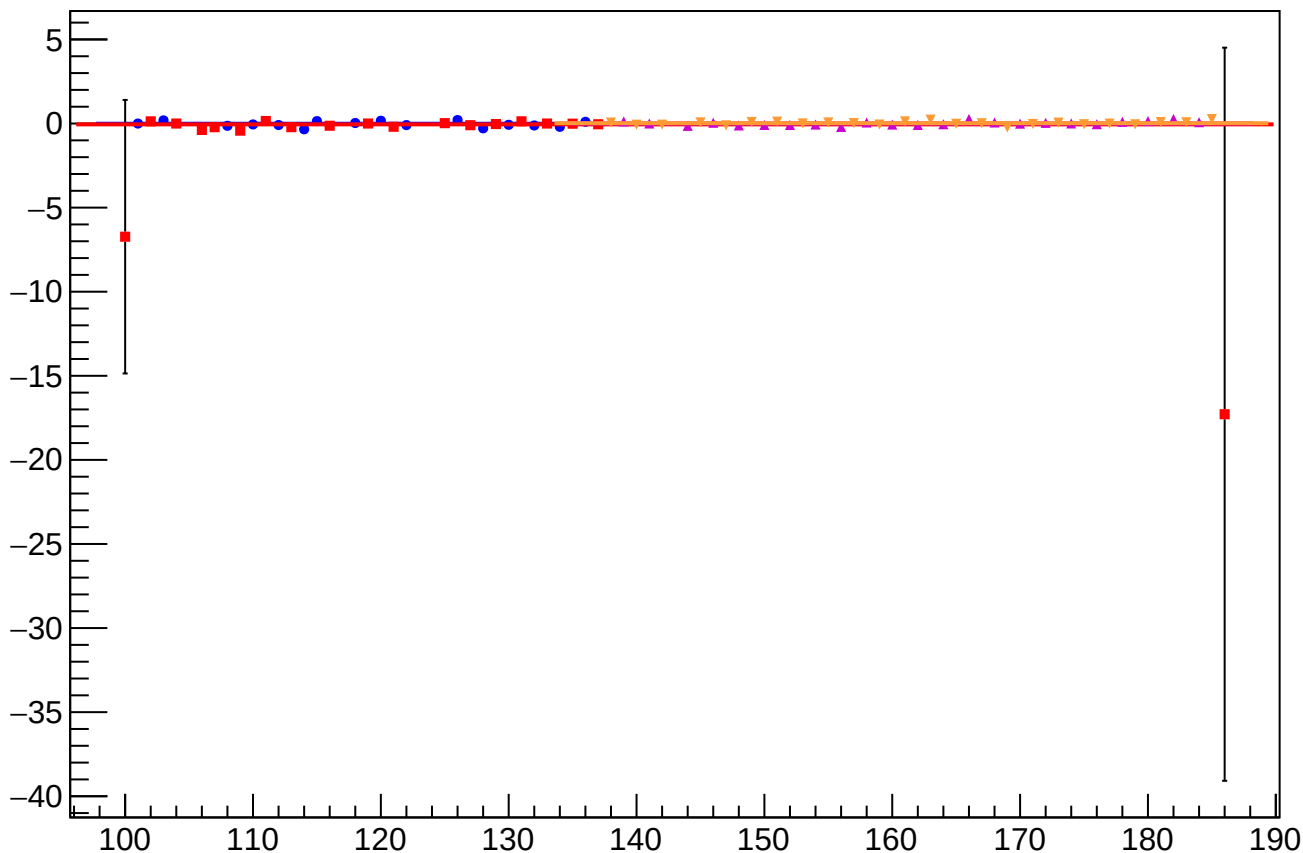
Left In: 0.021 ± 0.018 χ^2/NDF : 34.0/22

+ 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 $\chi^2/\text{NDF}: 25.2/15$

Left Out: 0.021 ± 0.016 $\chi^2/\text{NDF}: 33.2/23$

Right Out: -0.050 ± 0.029 $\chi^2/\text{NDF}: 26.4/18$

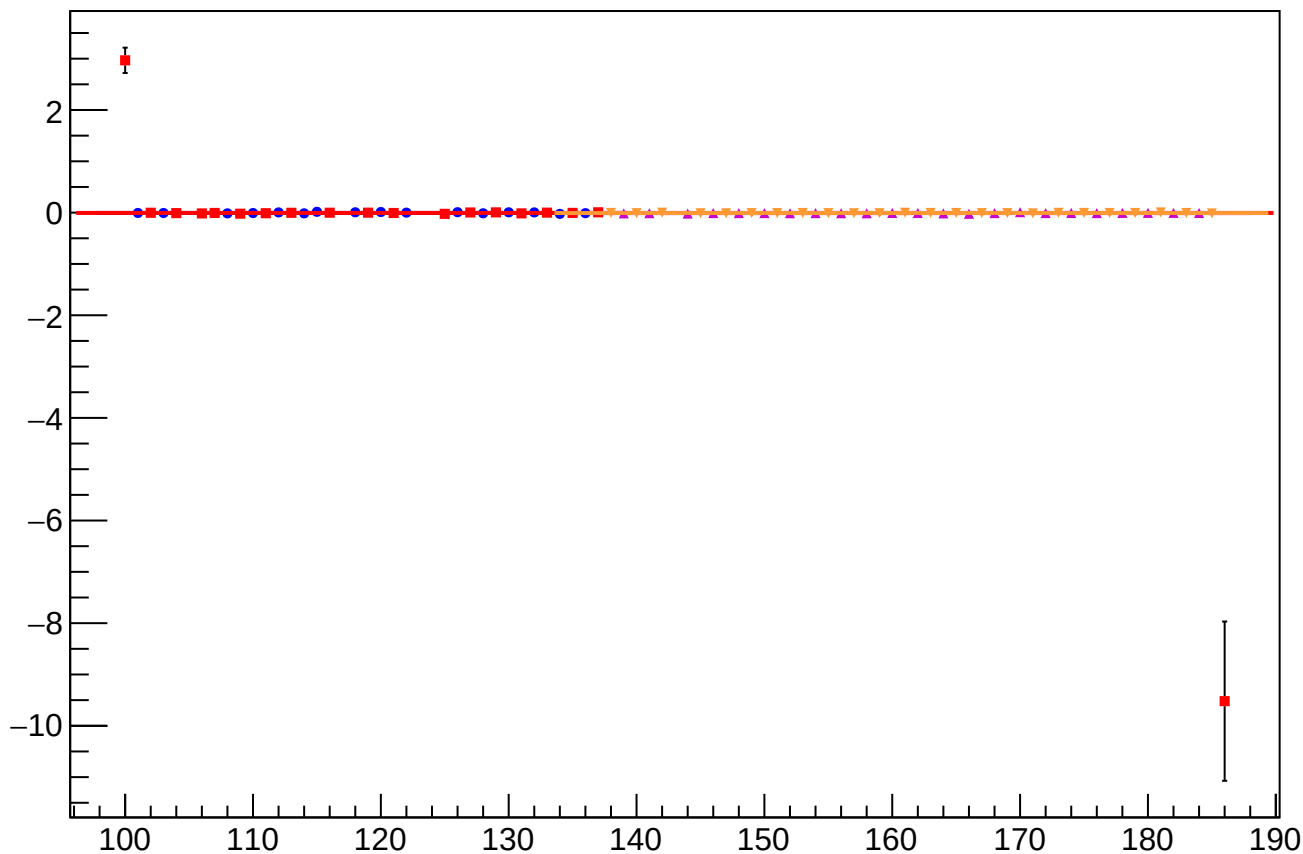
Left In: 0.007 ± 0.016 $\chi^2/\text{NDF}: 50.7/22$

+ sign 0.012 ± 0.014 $\chi^2/\text{NDF}: 59.5/39$

All: 0.003 ± 0.010 $\chi^2/\text{NDF}: 140.5/81$

- sign -0.007 ± 0.014 $\chi^2/\text{NDF}: 80.0/41$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 31.9/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 203.4/18

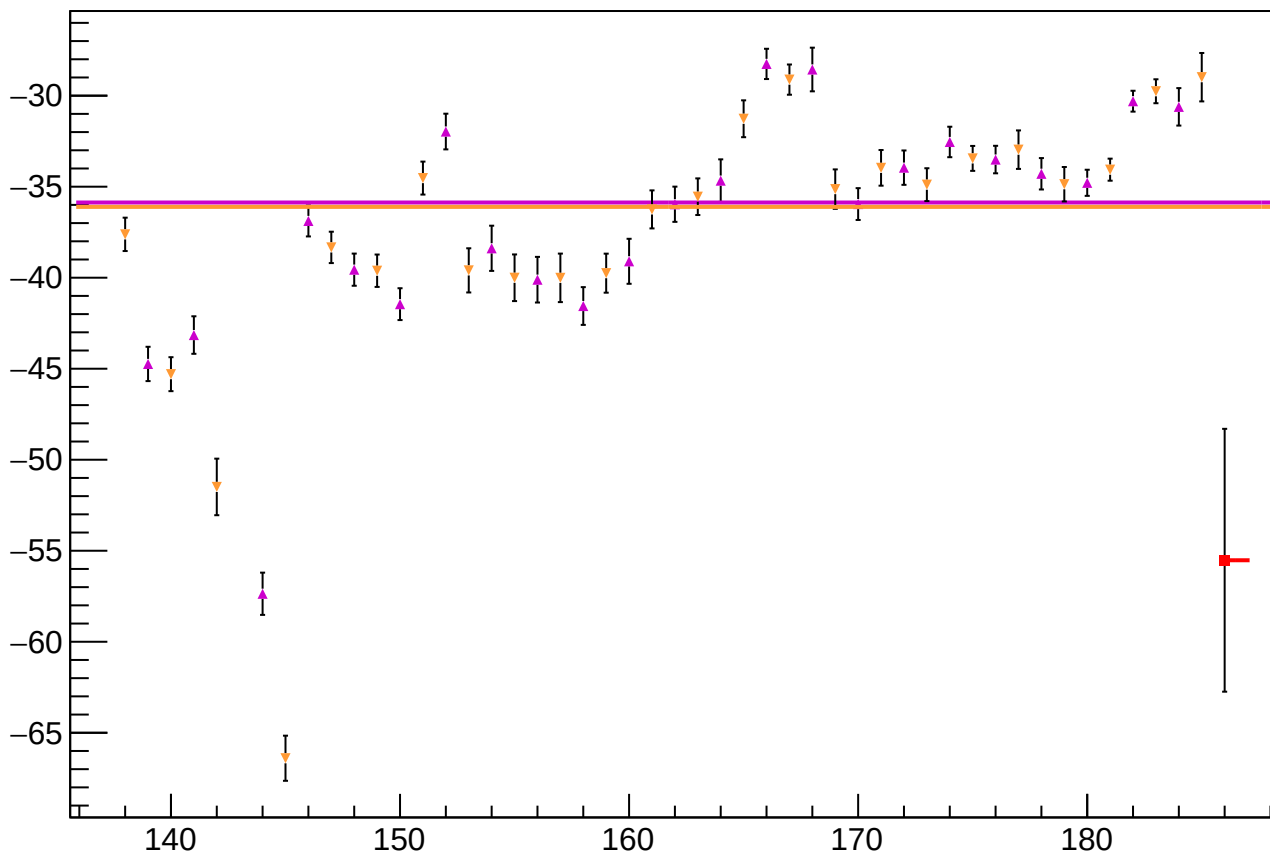
Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

+ sign -0.008 ± 0.001 χ^2/NDF : 62.7/39

All: -0.008 ± 0.000 χ^2/NDF : 308.5/81

- sign -0.008 ± 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

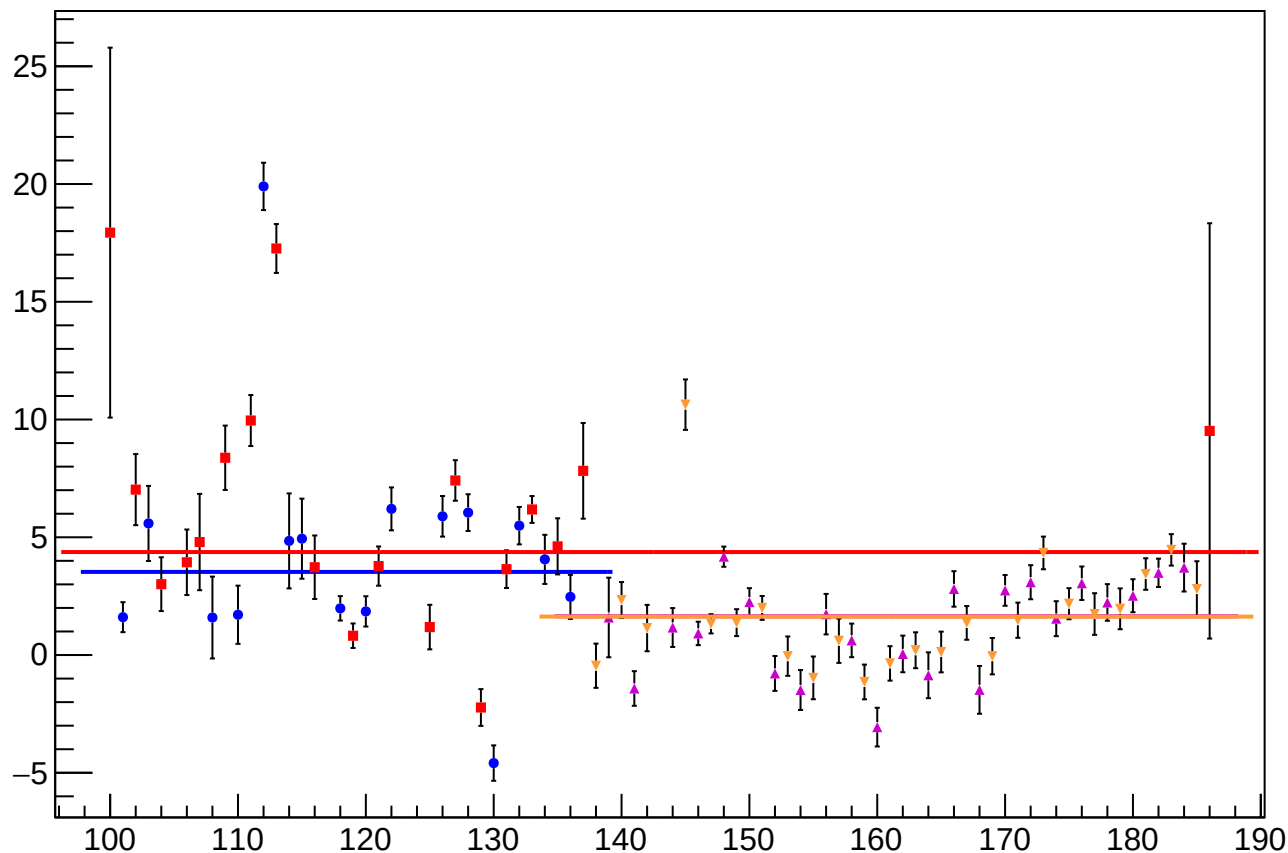
Left In: -35.869+/-0.191 χ^2/NDF :887.1/22

+ 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 ± 0.217 χ^2/NDF : 446.6/15

Left Out: 1.632 ± 0.148 χ^2/NDF : 166.7/23

Right Out: 4.373 ± 0.225 χ^2/NDF : 354.2/18

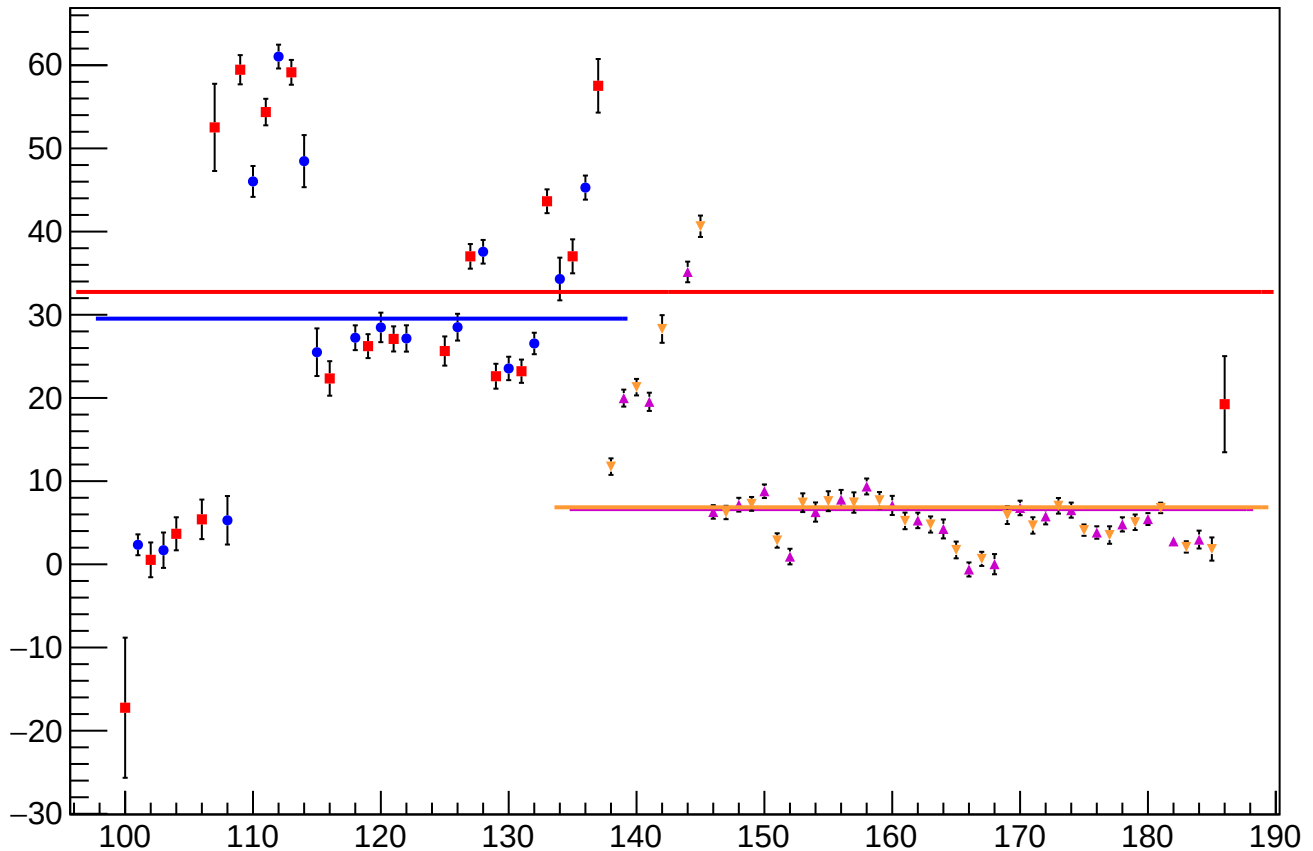
Left In: 1.646 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.232 ± 0.122 χ^2/NDF : 665.4/39

All: 2.352 ± 0.087 χ^2/NDF : 1287.5/81

- sign 2.477 ± 0.124 χ^2/NDF : 620.1/41

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 $\chi^2/\text{NDF}: 1494.9/15$

Left Out: 6.855 ± 0.191 $\chi^2/\text{NDF}: 1298.7/23$

Right Out: 32.744 ± 0.422 $\chi^2/\text{NDF}: 1664.8/18$

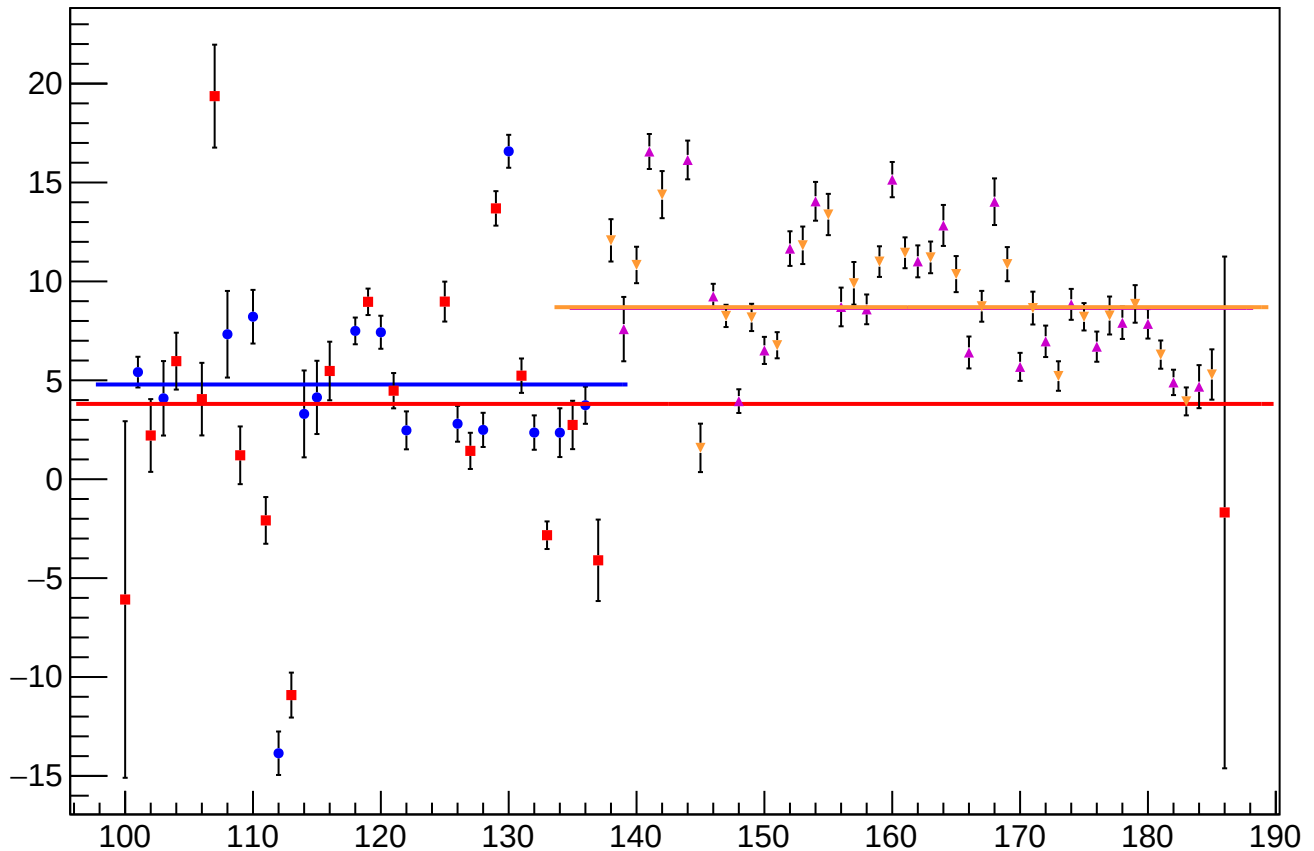
Left In: 6.639 ± 0.190 $\chi^2/\text{NDF}: 1077.2/22$

+ sign 10.804 ± 0.174 $\chi^2/\text{NDF}: 5239.4/39$

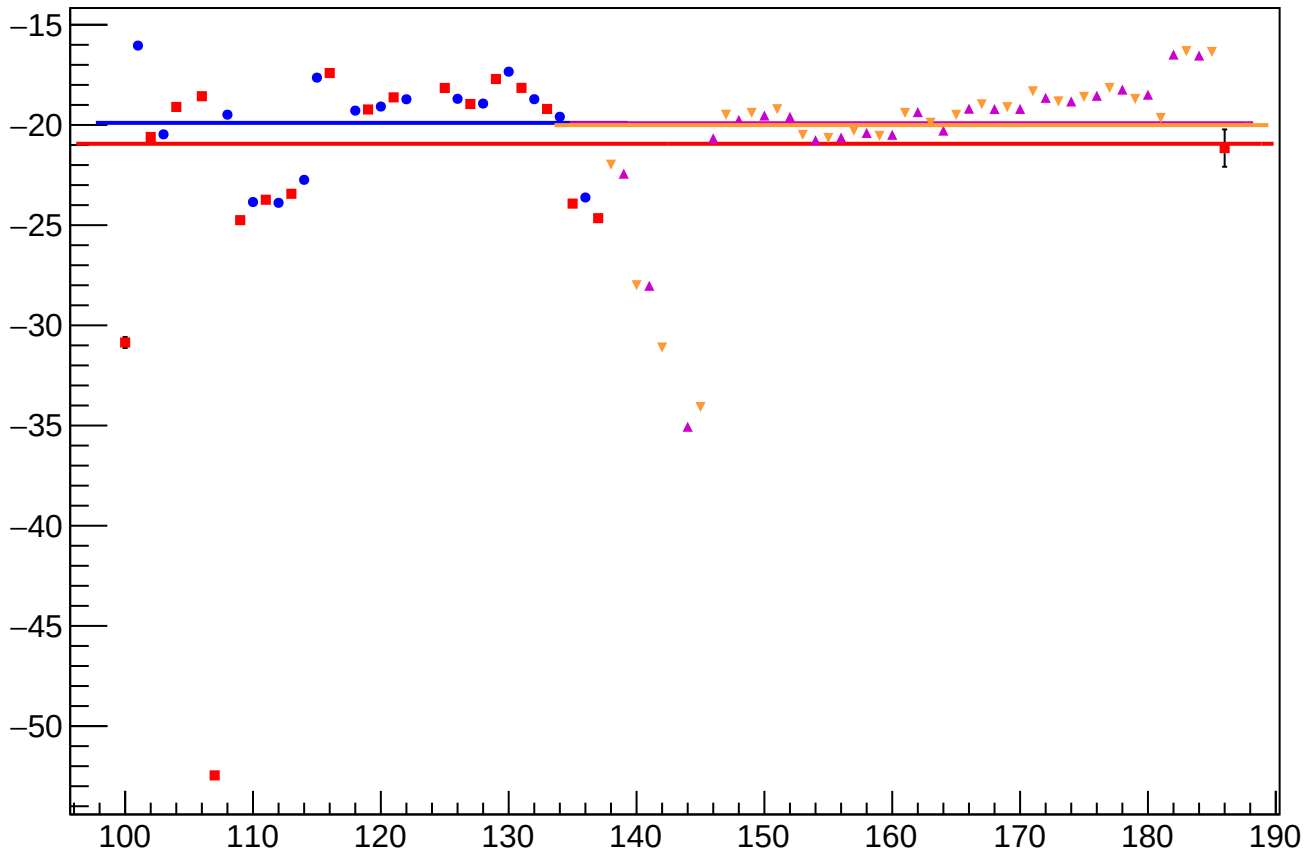
All: 10.920 ± 0.123 $\chi^2/\text{NDF}: 11168.7/81$

- sign 11.035 ± 0.173 $\chi^2/\text{NDF}: 5928.5/41$

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -20.007 ± 0.008 χ^2/NDF : 171647.2/23

Right Out: -20.939 ± 0.016 χ^2/NDF : 94065.2/18

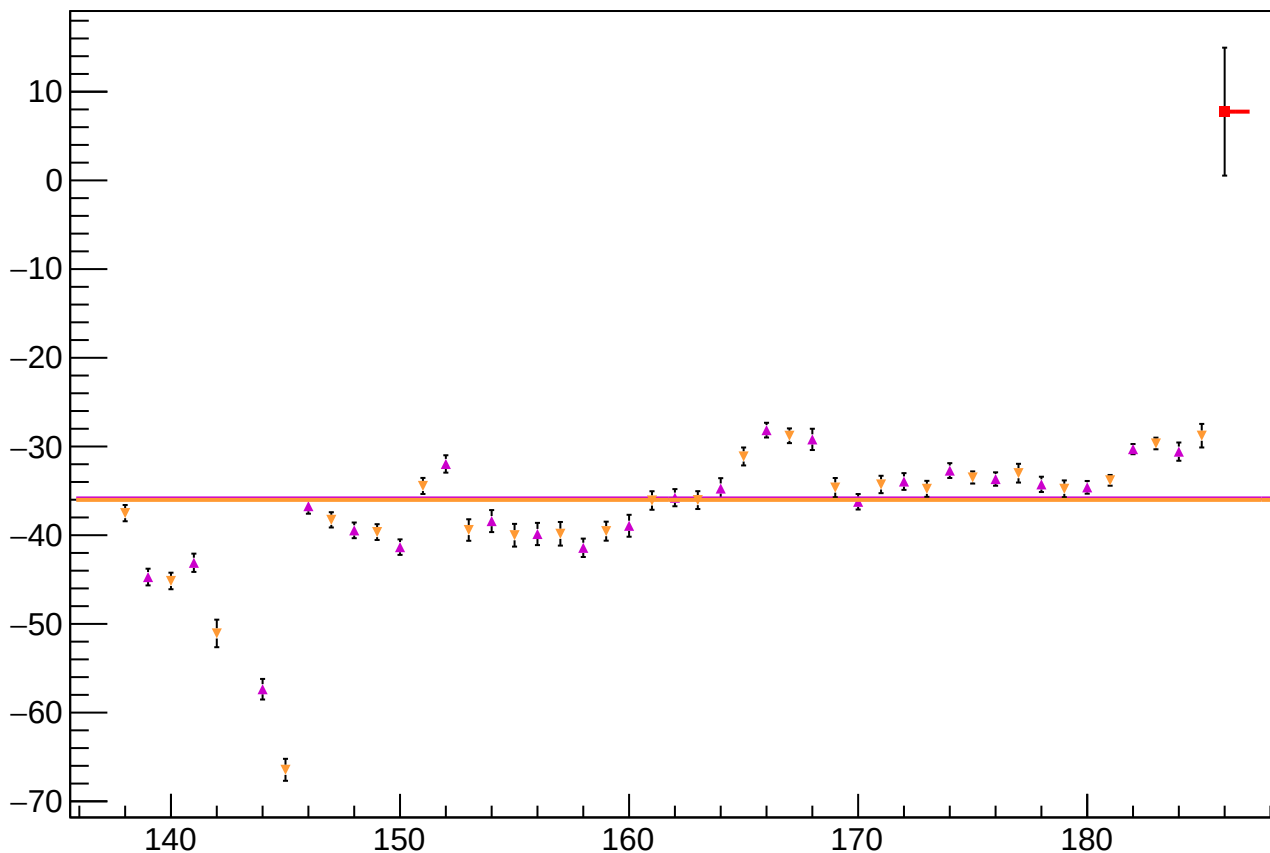
Left In: -19.912 ± 0.008 χ^2/NDF : 145487.3/22

+ sign -19.984 ± 0.007 χ^2/NDF : 197761.8/39

All: -20.050 ± 0.005 χ^2/NDF : 440913.4/81

- sign -20.116 ± 0.007 χ^2/NDF : 242975.4/41

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -36.019 $\pm$ 0.192 χ^2 /NDF:1125.4/23

Right Out: 7.751 $\pm$ 7.212 χ^2 /NDF: 0.0/0

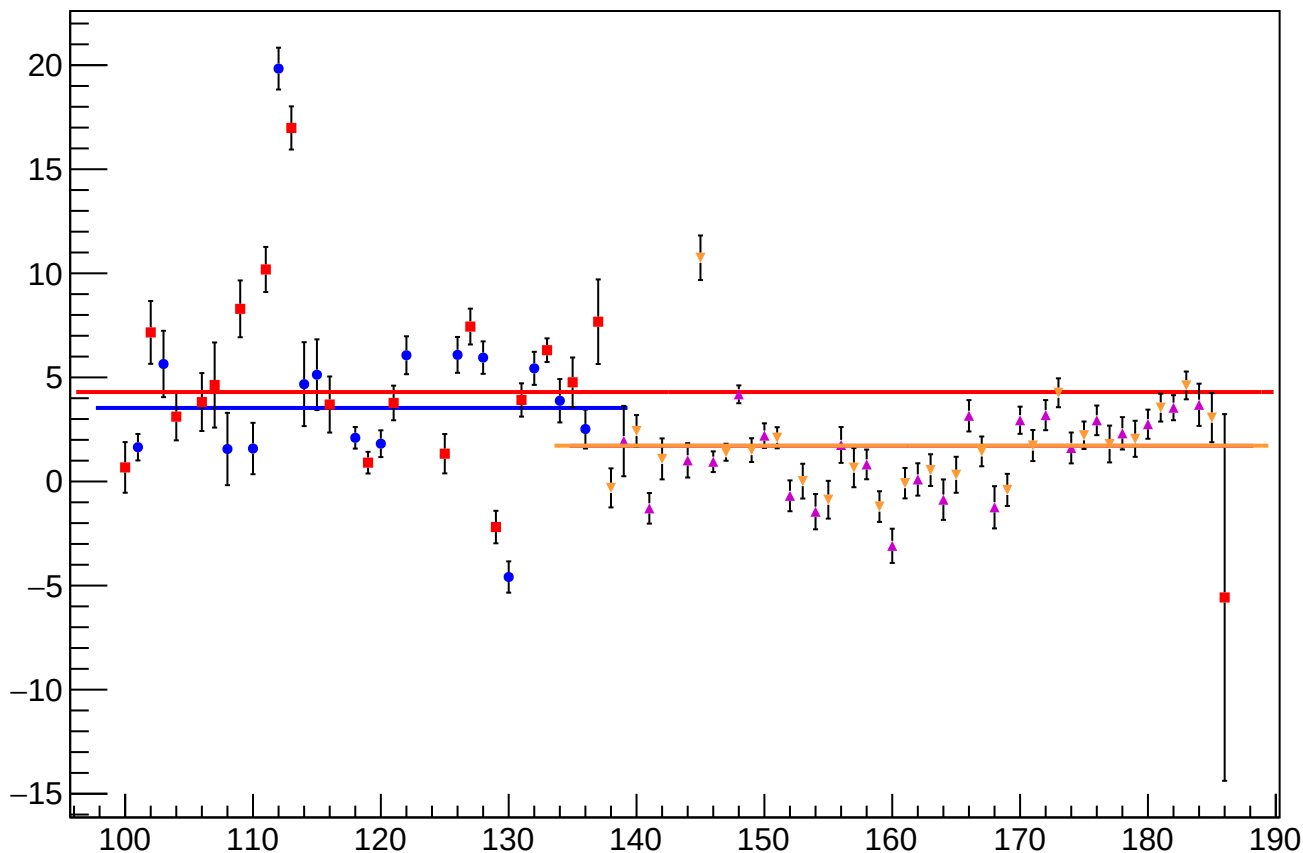
Left In: -35.856 $\pm$ 0.191 χ^2 /NDF:875.9/22

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

All: -35.921 $\pm$ 0.135 χ^2 /NDF: 2038.3/47

- sign -35.825 $\pm$ 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

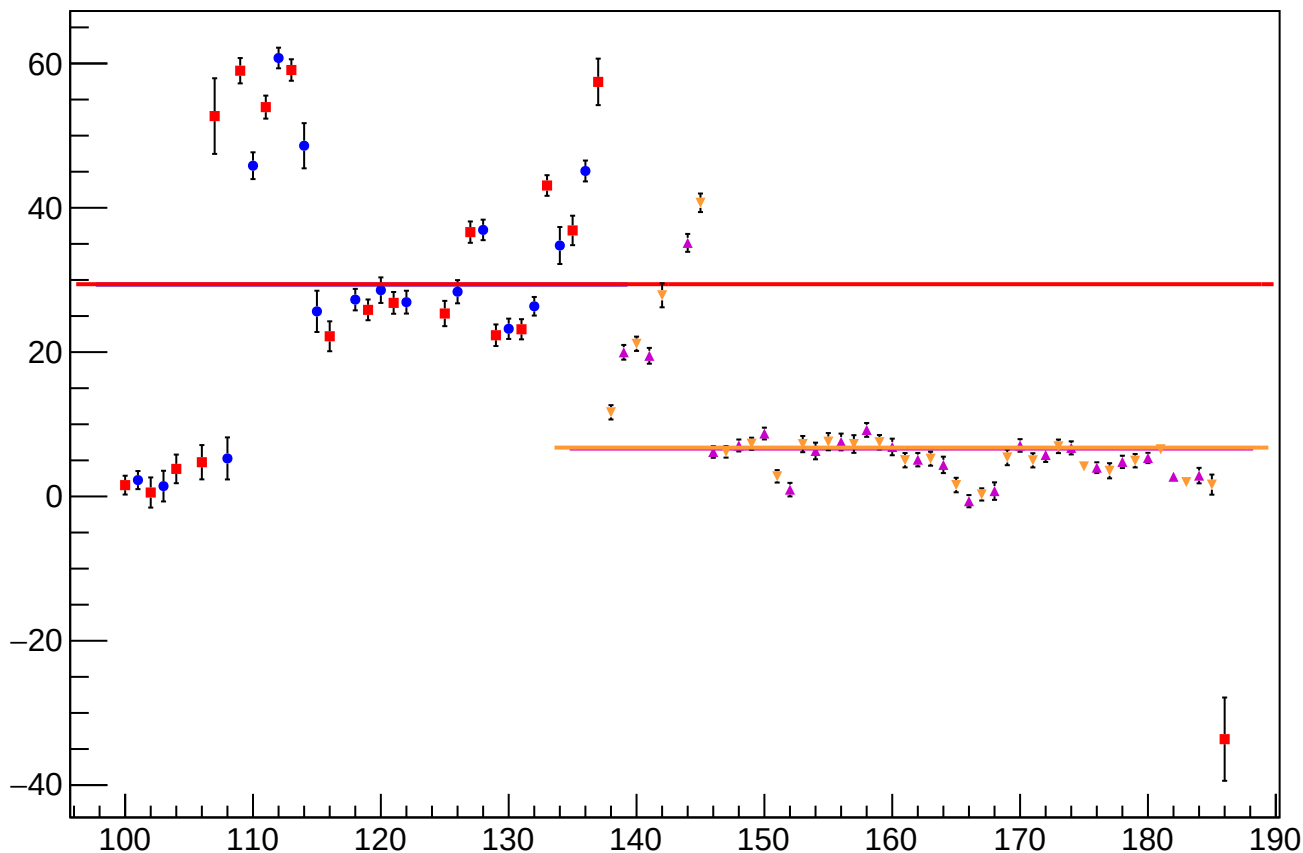
Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

+ 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 $\chi^2/\text{NDF}: 2249.5/18$

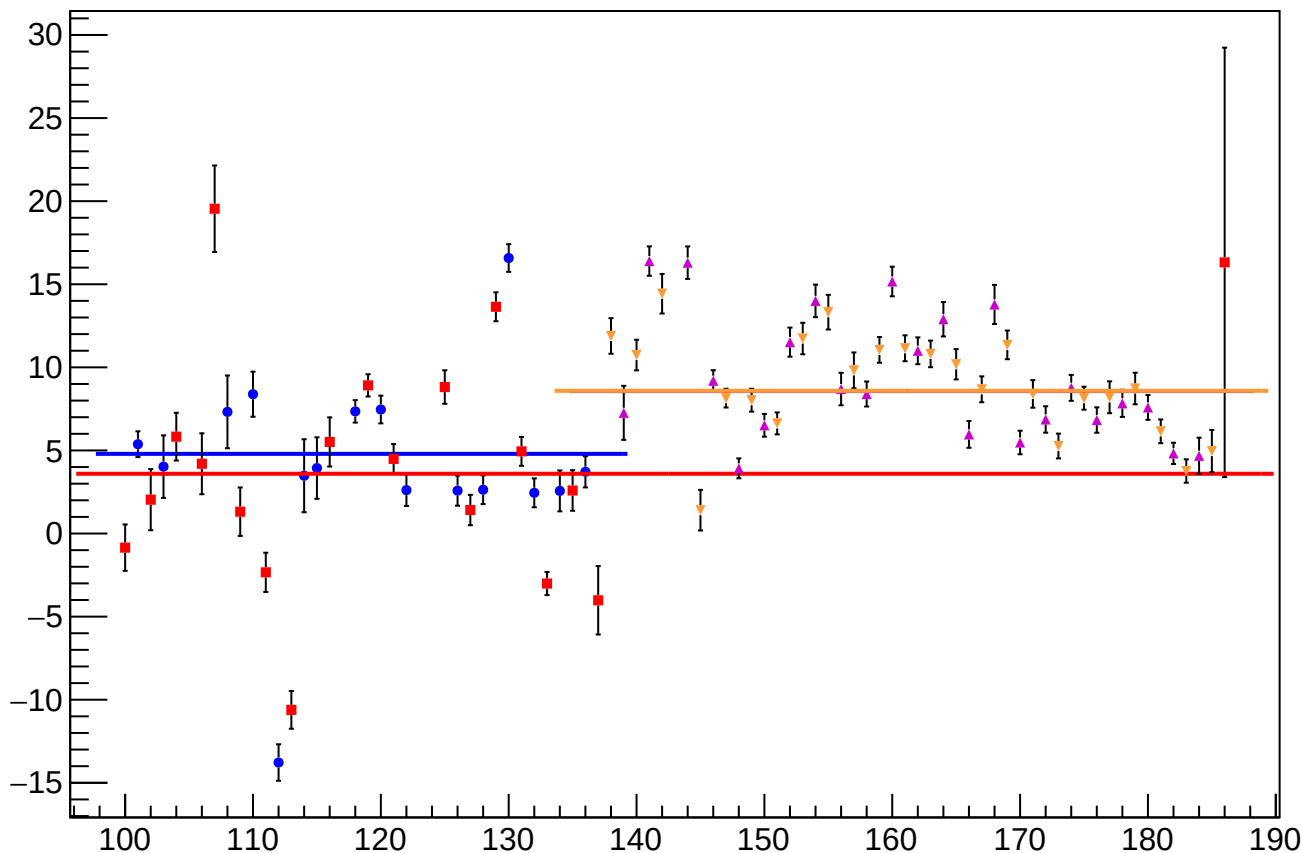
Left In: 6.635 ± 0.190 $\chi^2/\text{NDF}: 1070.4/22$

+ 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 $\chi^2/\text{NDF}: 574.3/18$

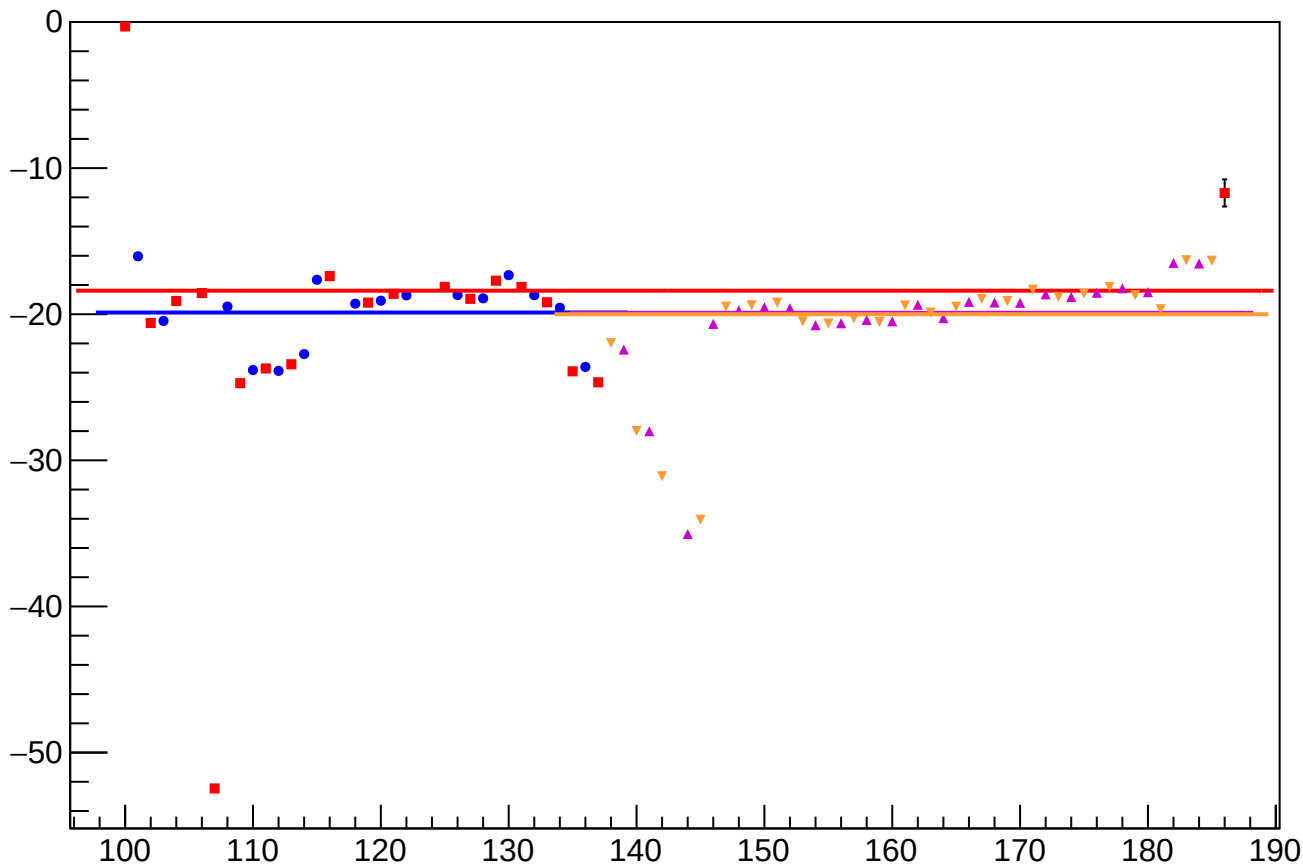
Left In: 8.573 ± 0.170 $\chi^2/\text{NDF}: 443.4/22$

+ 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

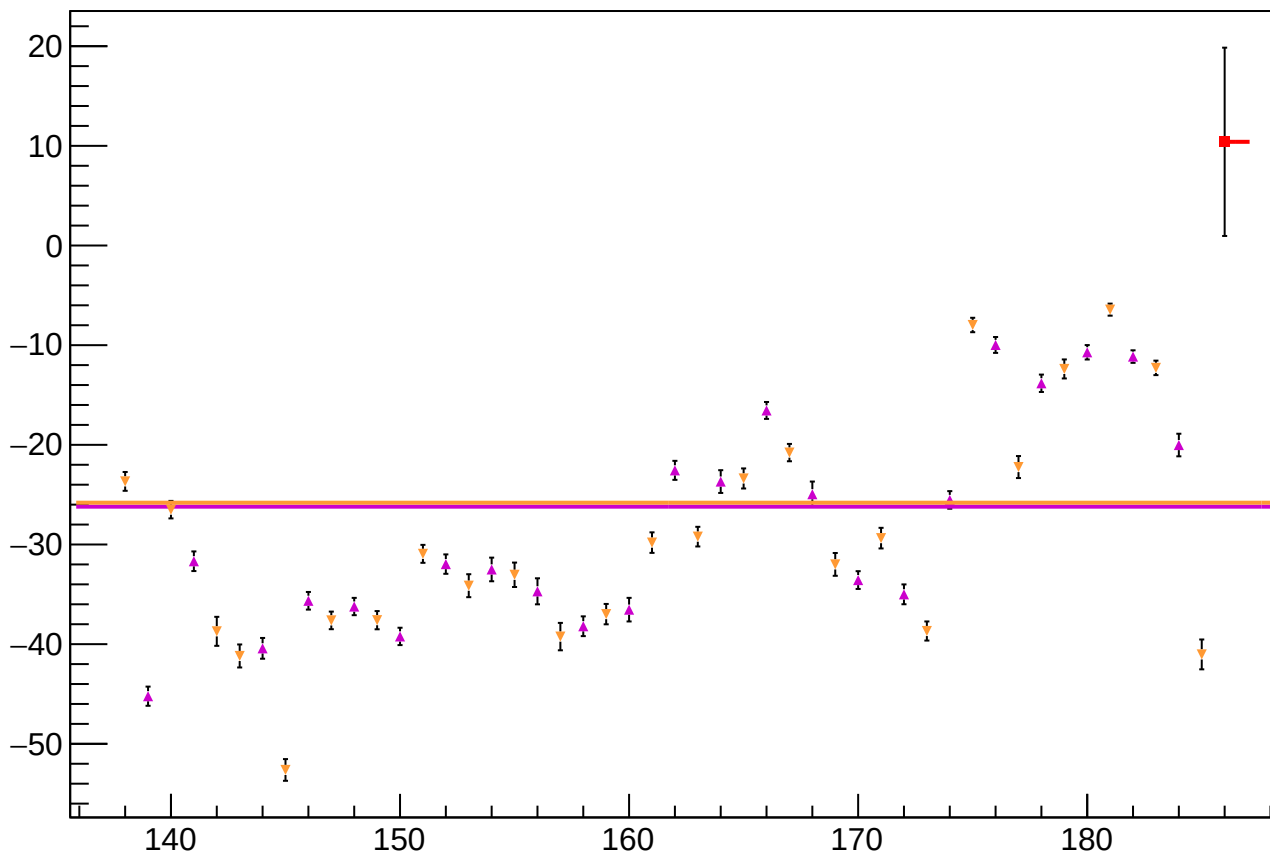
Left In: -19.905 ± 0.008 χ^2/NDF : 145346.7/22

+ 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

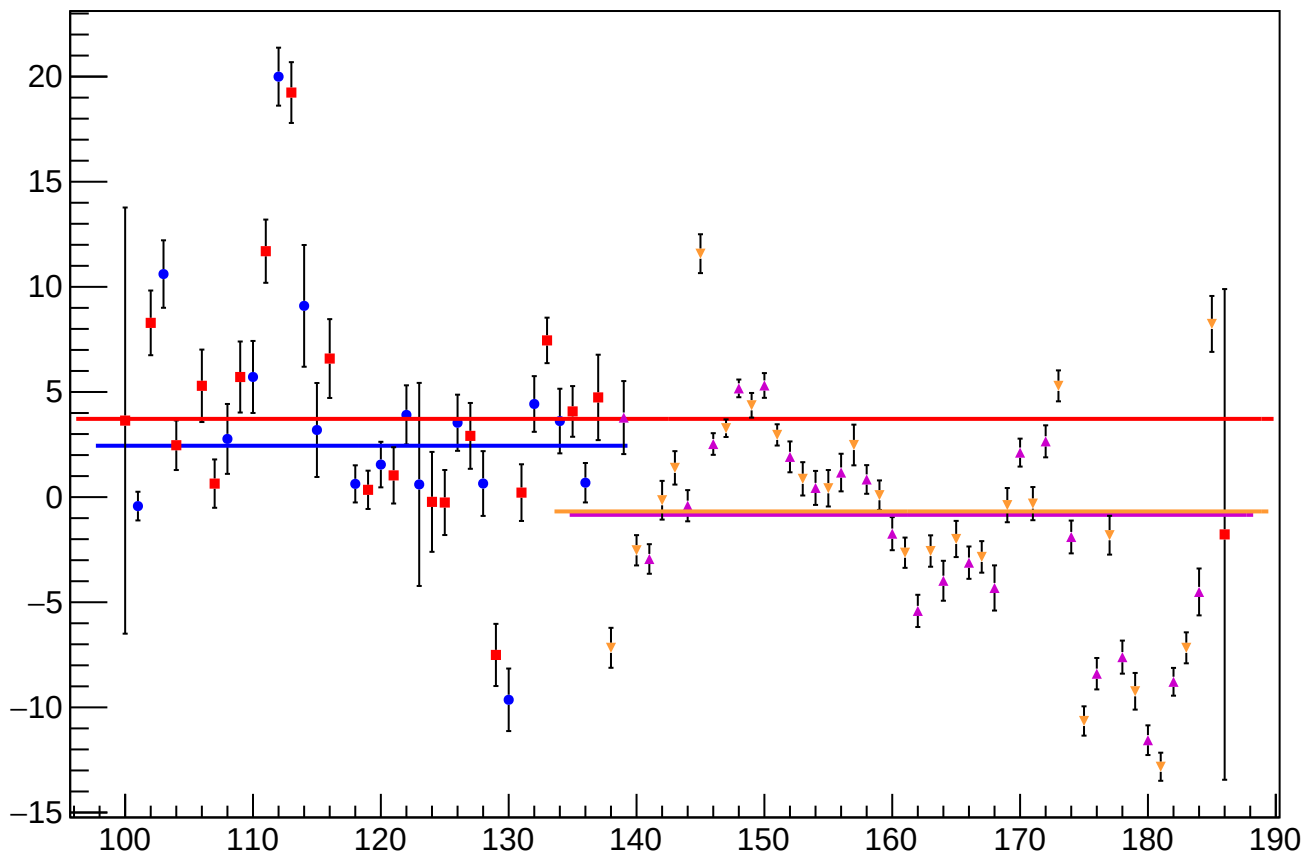
Left In: -26.204 ± 0.194 χ^2/NDF : 3377.8/22

+ 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 $\pm$ 0.311 χ^2/NDF : 295.3/16

Left Out: -0.681 $\pm$ 0.147 χ^2/NDF :1314.3/24

Right Out: 3.721 $\pm$ 0.327 χ^2/NDF : 269.3/19

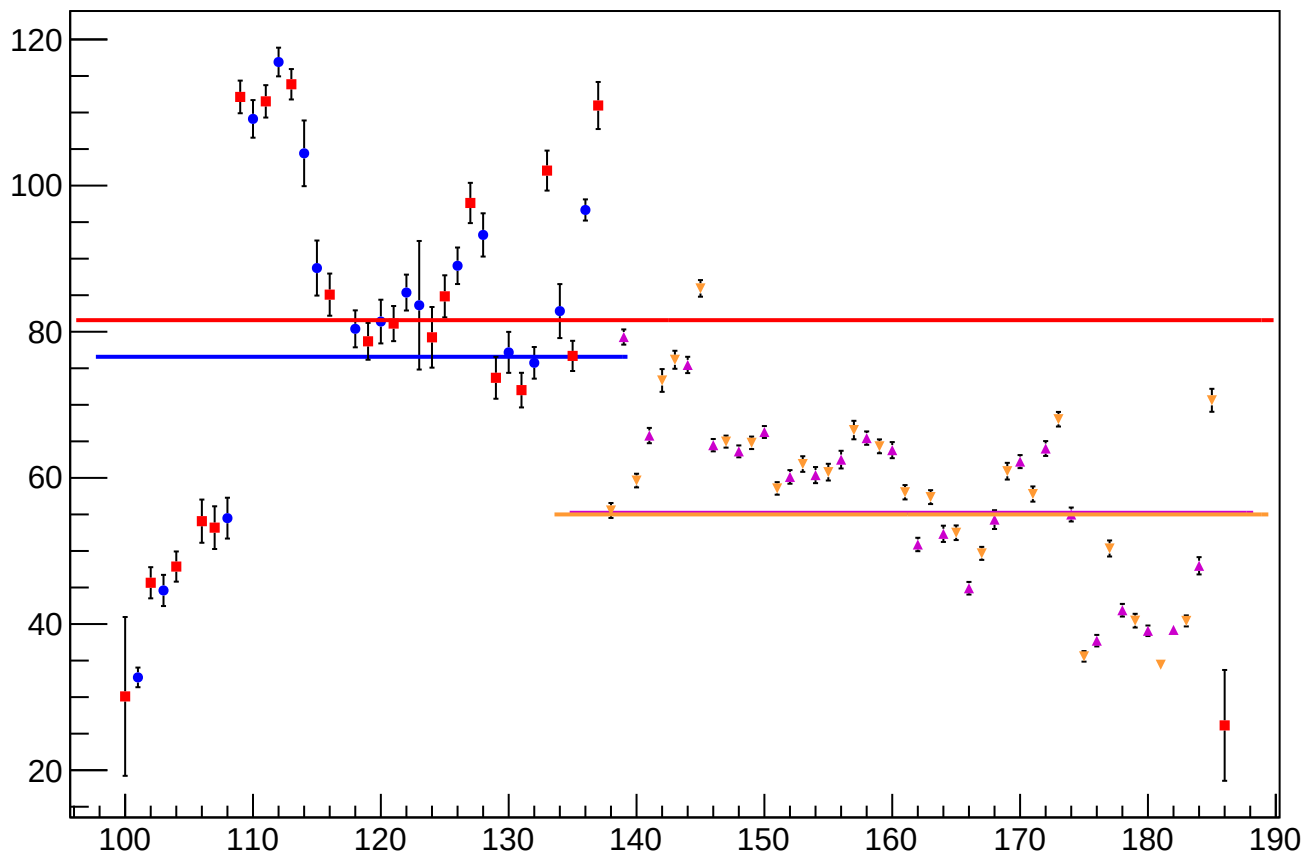
Left In: -0.842 $\pm$ 0.150 χ^2/NDF :1071.6/22

+ sign -0.113 $\pm$ 0.133 χ^2/NDF : 1692.1/41

All: -0.081 $\pm$ 0.095 χ^2/NDF : 3194.3/84

- sign -0.047 $\pm$ 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

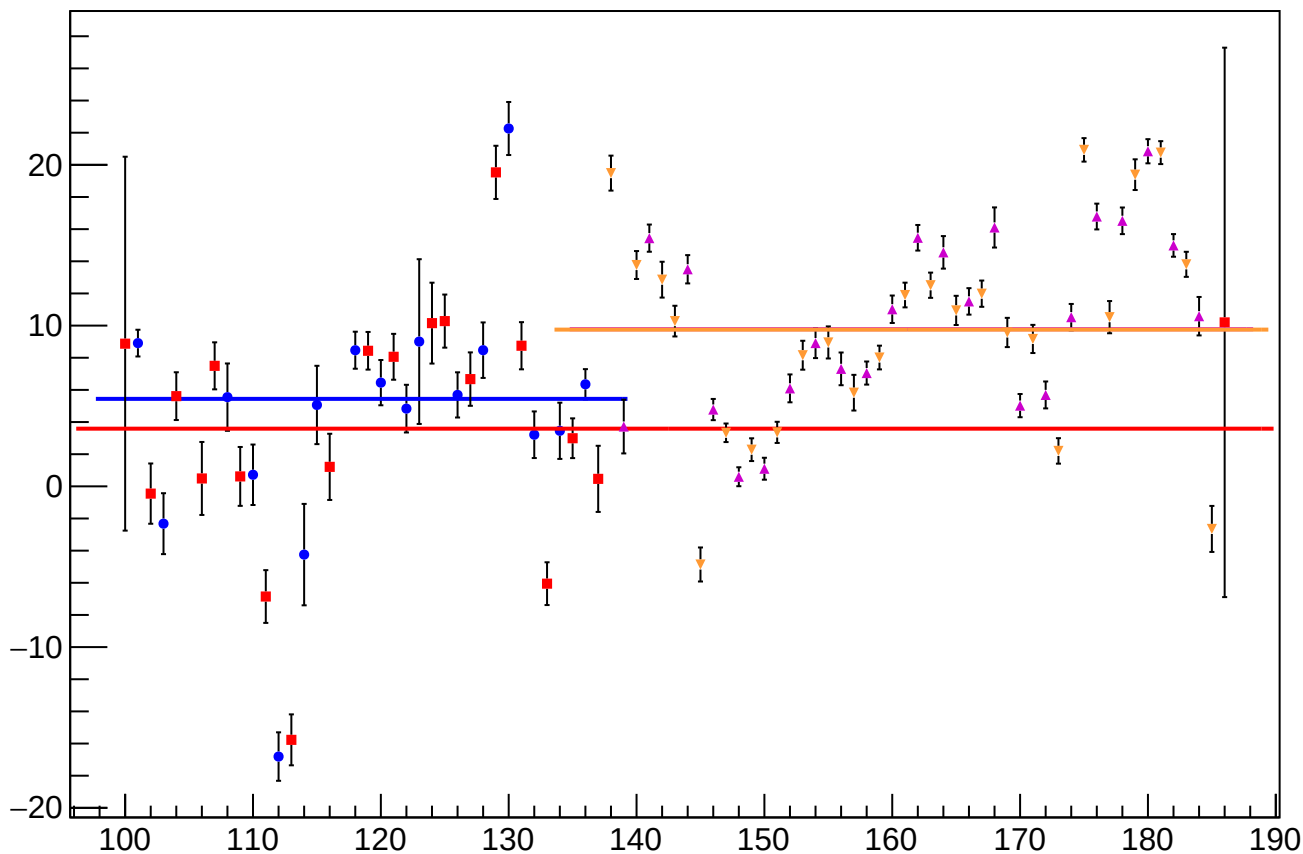
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ 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 $\chi^2/\text{NDF}: 423.4/19$

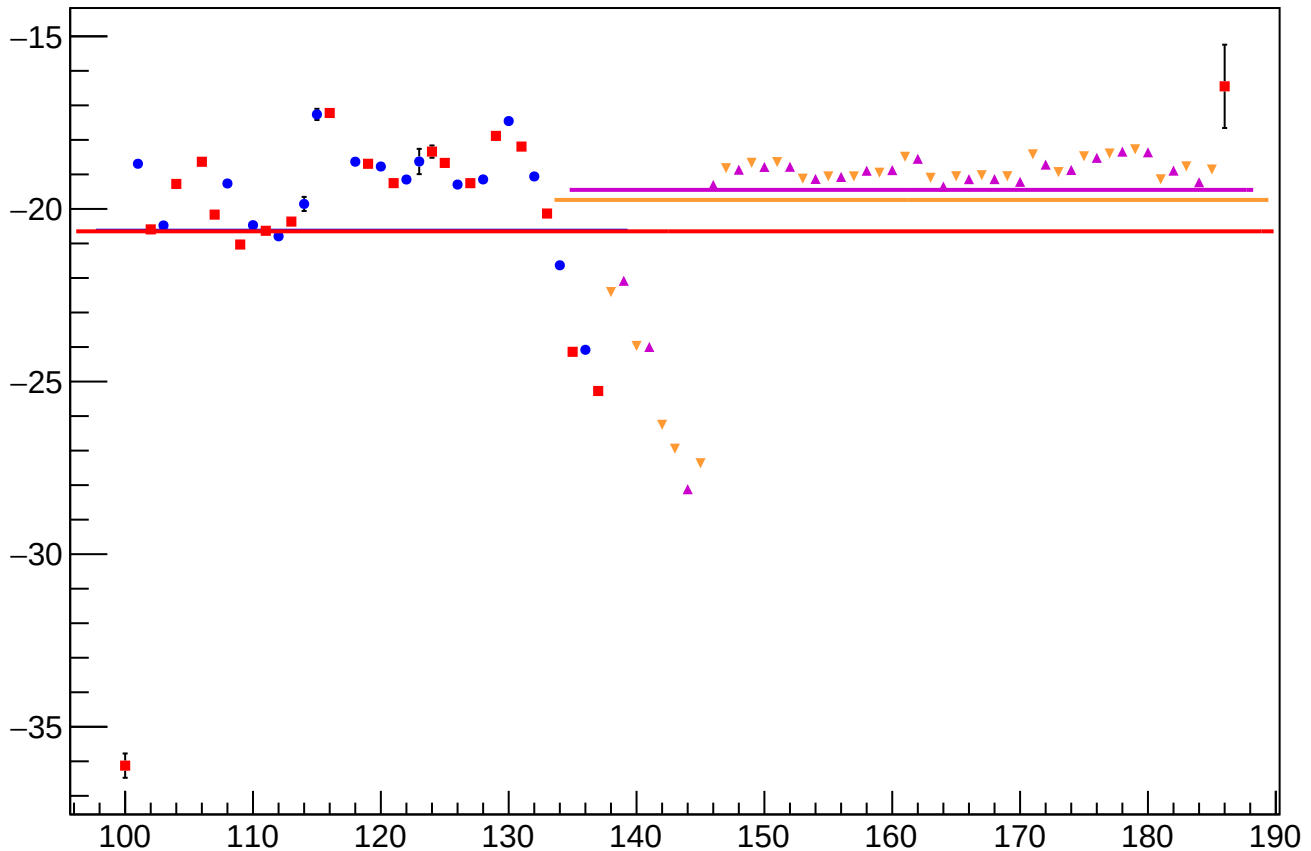
Left In: 9.775 ± 0.171 $\chi^2/\text{NDF}: 1165.6/22$

+ 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 $\chi^2/\text{NDF}: 1814.0/42$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 χ^2/NDF : 12490.5/16

Left Out: -19.738 ± 0.008 χ^2/NDF : 88495.2/24

Right Out: -20.649 ± 0.019 χ^2/NDF : 13897.8/19

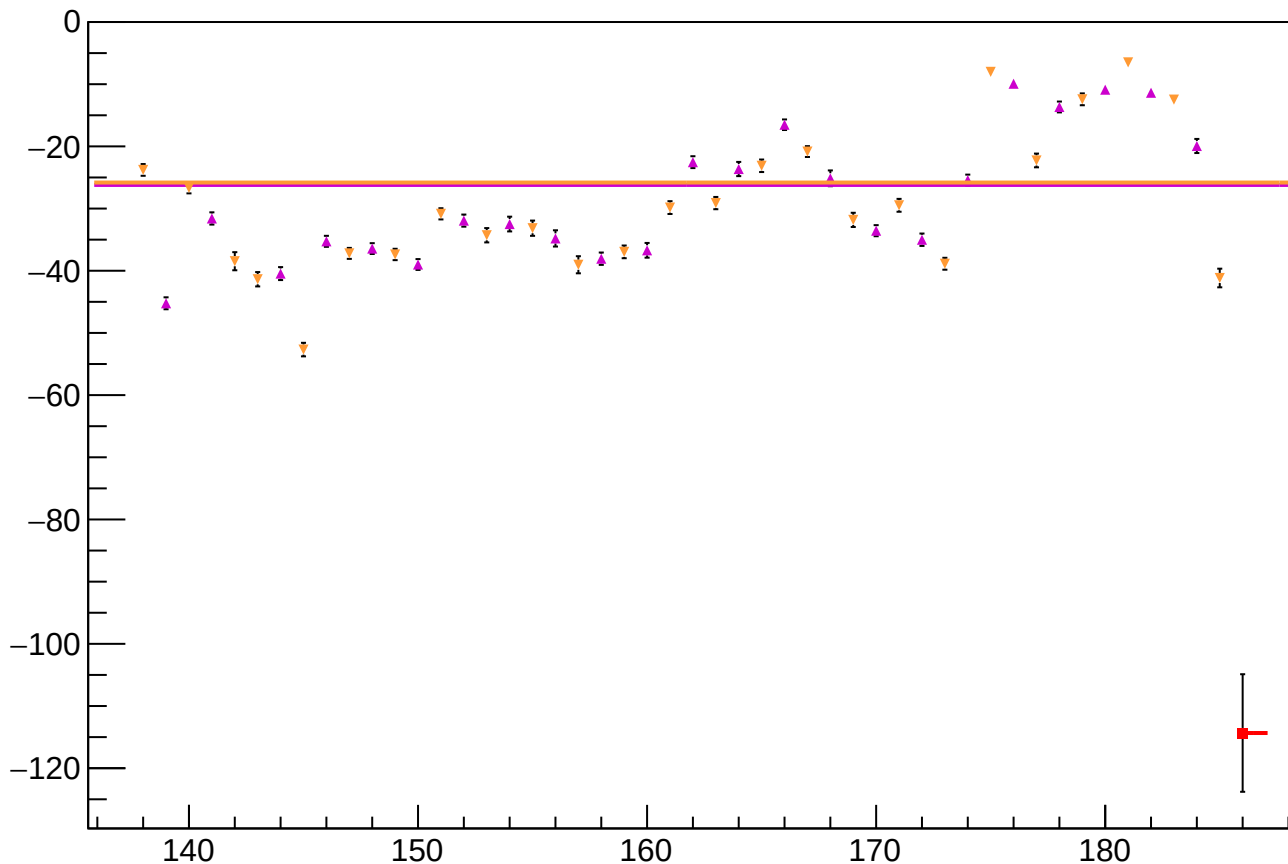
Left In: -19.448 ± 0.008 χ^2/NDF : 54039.2/22

+ sign -19.867 ± 0.007 χ^2/NDF : 102819.2/41

All: -19.743 ± 0.005 χ^2/NDF : 174603.8/84

- sign -19.619 ± 0.007 χ^2/NDF : 71212.4/42

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -25.814+/-0.192 χ^2/NDF : 4094.6/24

Right Out: -114.340+/-9.454 χ^2/NDF : 0.0/0

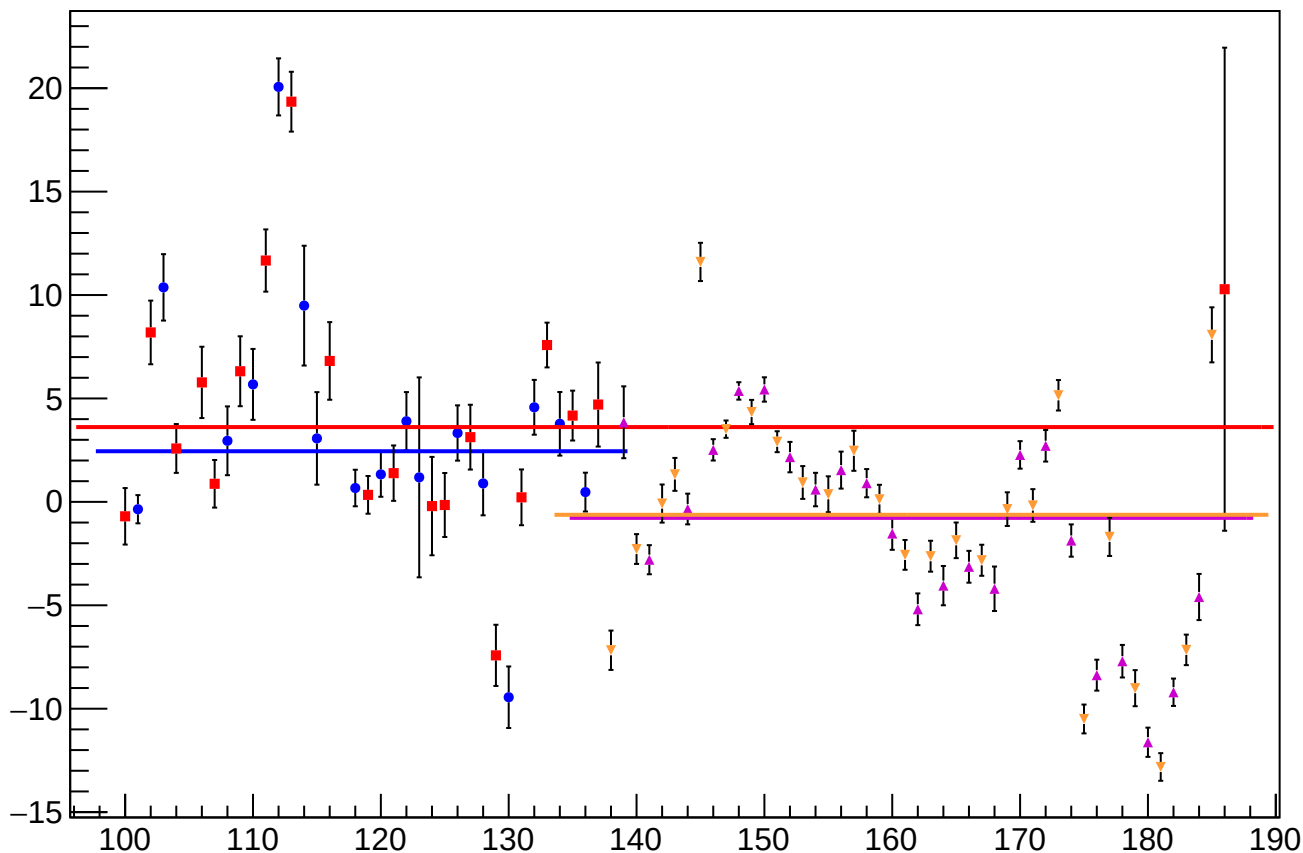
Left In: -26.200+/-0.194 χ^2/NDF : 3344.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.024+/-0.137 χ^2/NDF : 7528.5/48

- sign -26.237+/-0.194 χ^2/NDF : 3431.5/23

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 $\chi^2/\text{NDF}: 293.4/16$

Left Out: -0.625 ± 0.147 $\chi^2/\text{NDF}: 1303.5/24$

Right Out: 3.616 ± 0.318 $\chi^2/\text{NDF}: 279.7/19$

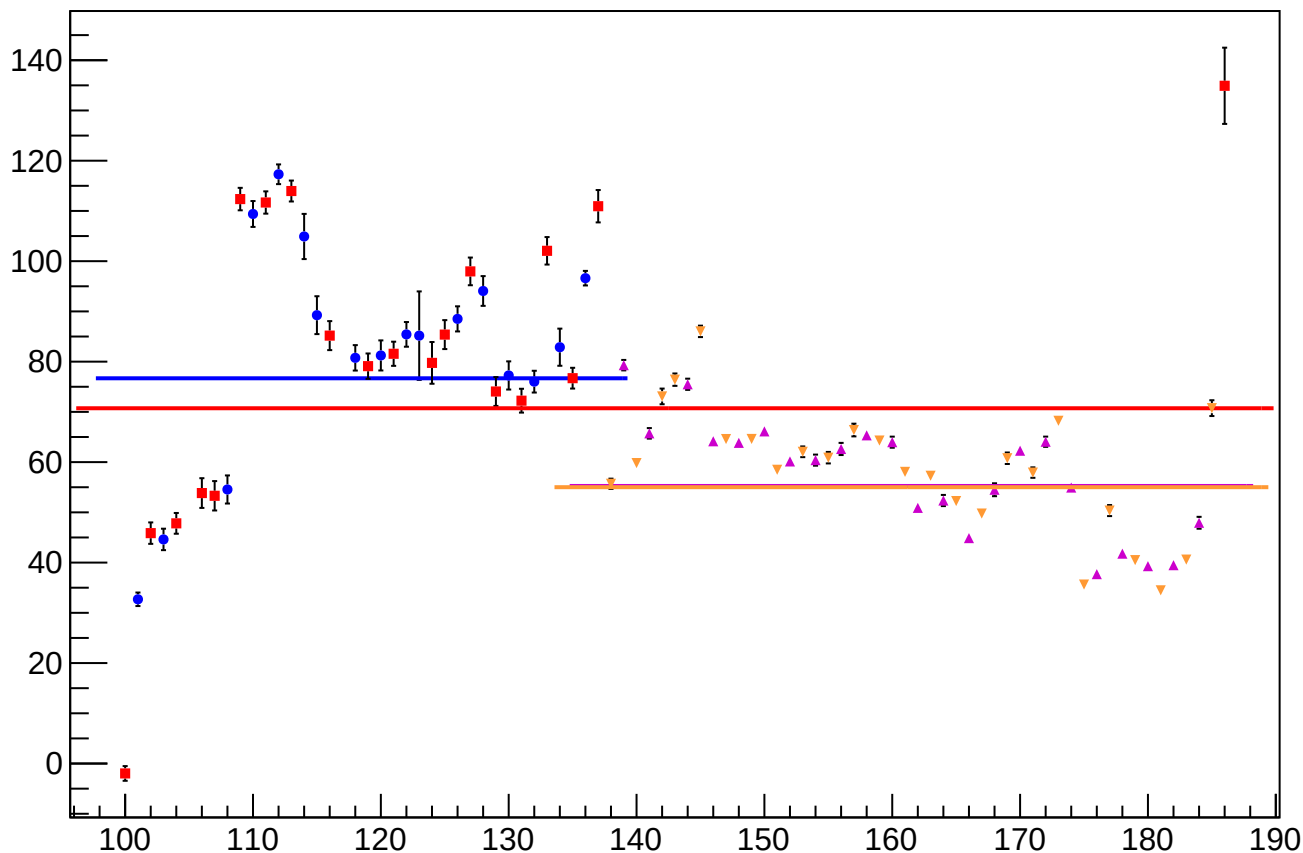
Left In: -0.773 ± 0.150 $\chi^2/\text{NDF}: 1111.4/22$

+ sign -0.066 ± 0.133 $\chi^2/\text{NDF}: 1676.6/41$

All: -0.021 ± 0.095 $\chi^2/\text{NDF}: 3223.7/84$

- sign 0.027 ± 0.136 $\chi^2/\text{NDF}: 1546.8/42$

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2/NDF : 2265.1/16

Left Out: 55.008 $\pm$ 0.192 χ^2/NDF : 4502.1/24

Right Out: 70.723 $\pm$ 0.548 χ^2/NDF : 4463.1/19

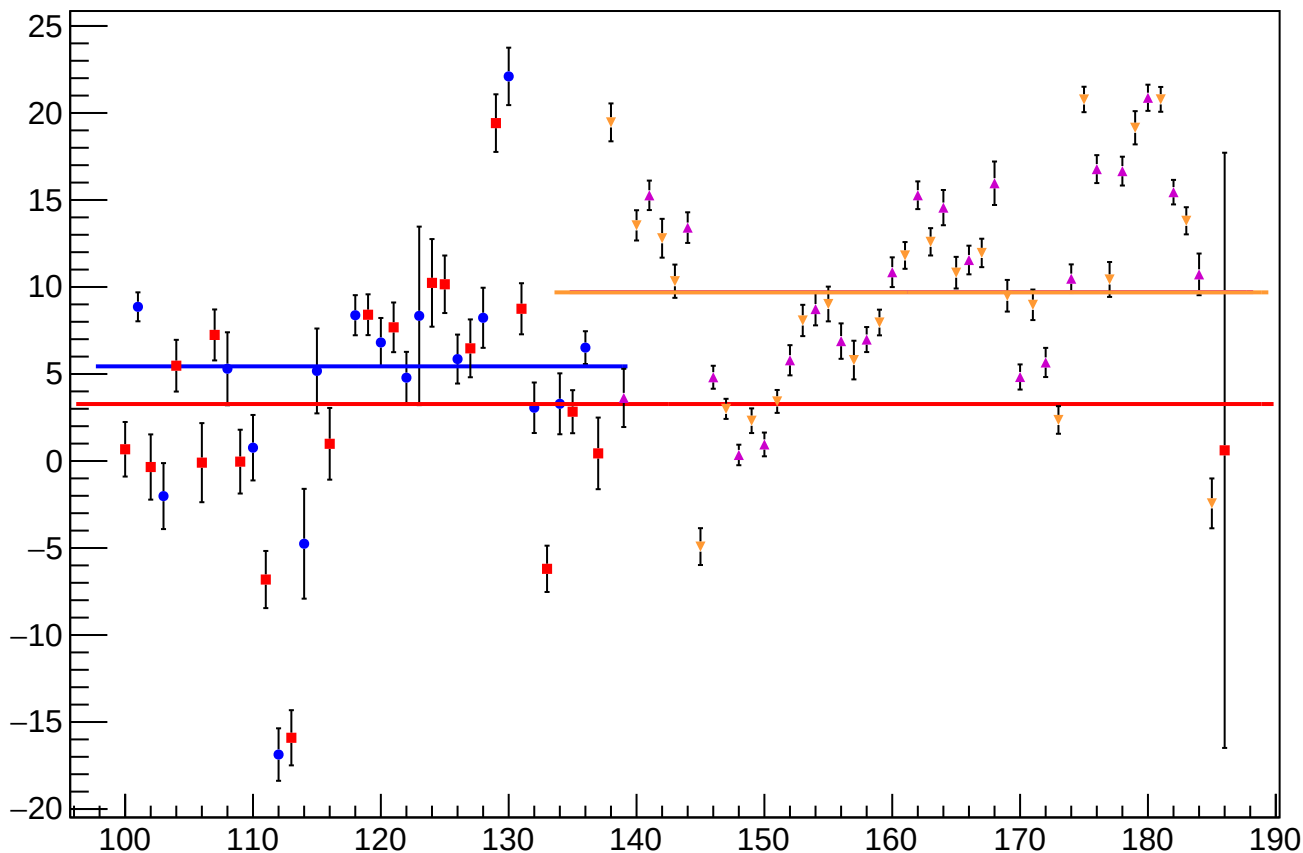
Left In: 55.252 $\pm$ 0.193 χ^2/NDF : 3786.2/22

+ sign 57.191 $\pm$ 0.182 χ^2/NDF : 8051.6/41

All: 57.074 $\pm$ 0.129 χ^2/NDF : 17010.1/84

- sign 56.956 $\pm$ 0.182 χ^2/NDF : 8957.7/42

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 $\chi^2/\text{NDF}: 425.8/19$

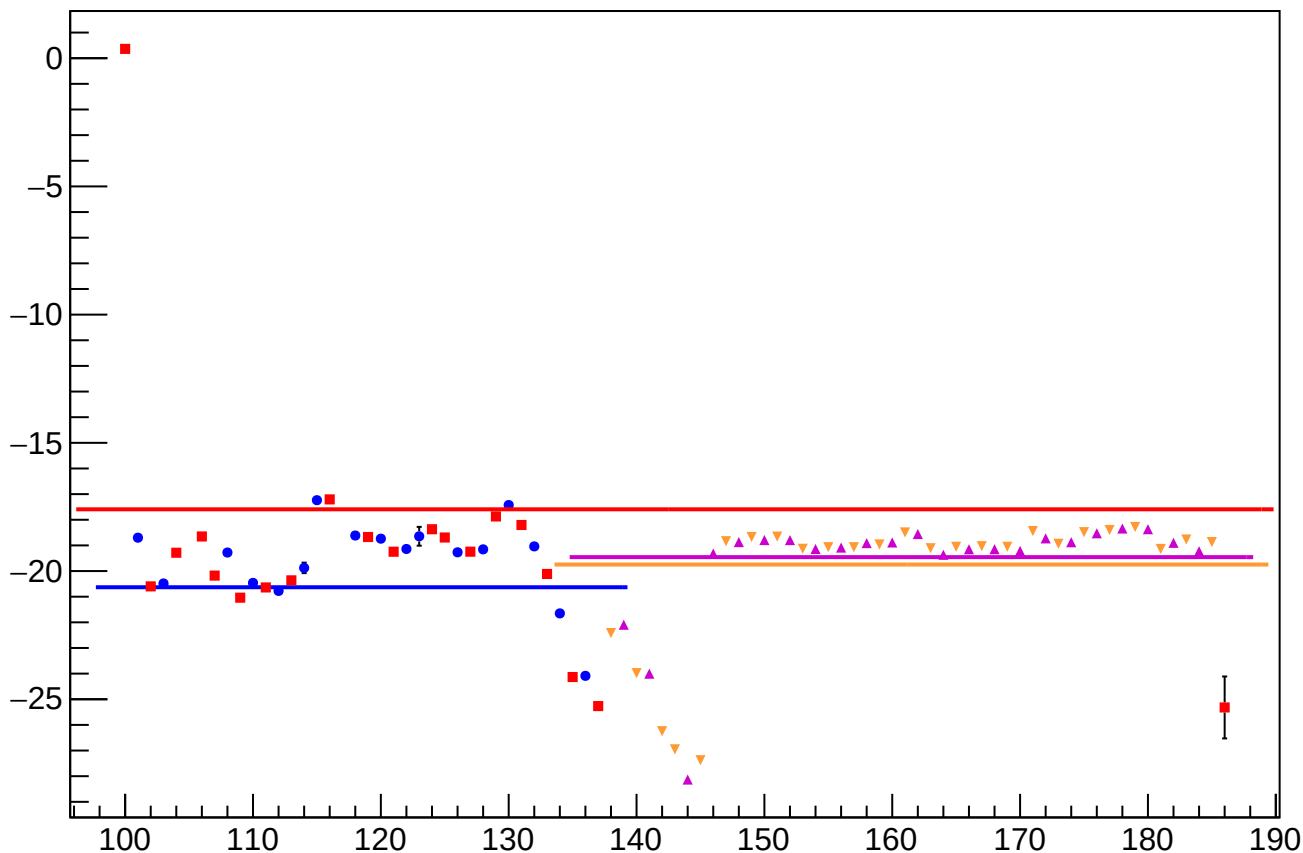
Left In: 9.708 ± 0.171 $\chi^2/\text{NDF}: 1198.0/22$

+ 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

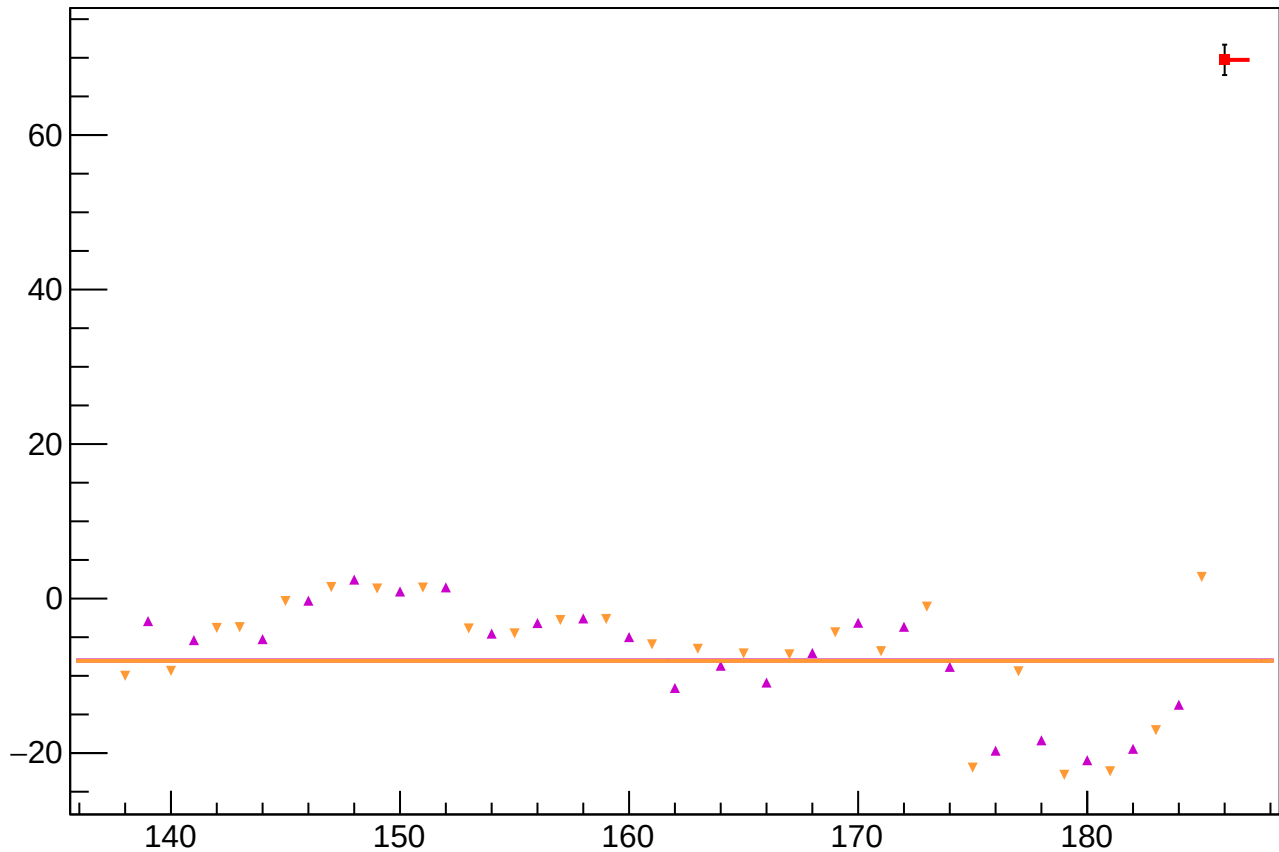
Left In: -19.457 ± 0.008 χ^2/NDF : 53995.4/22

+ 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

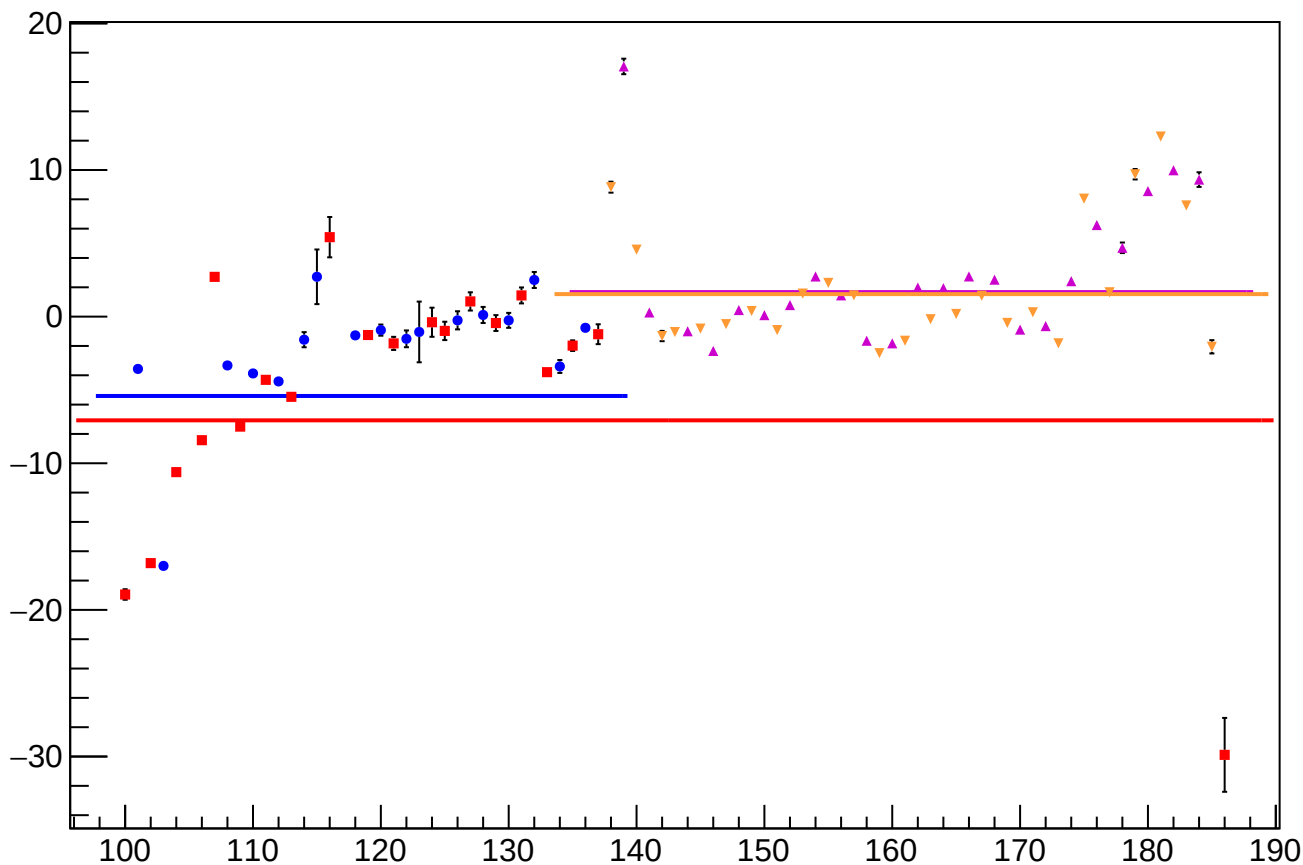
Left In: -8.010 ± 0.071 χ^2/NDF : 10631.2/22

+ 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

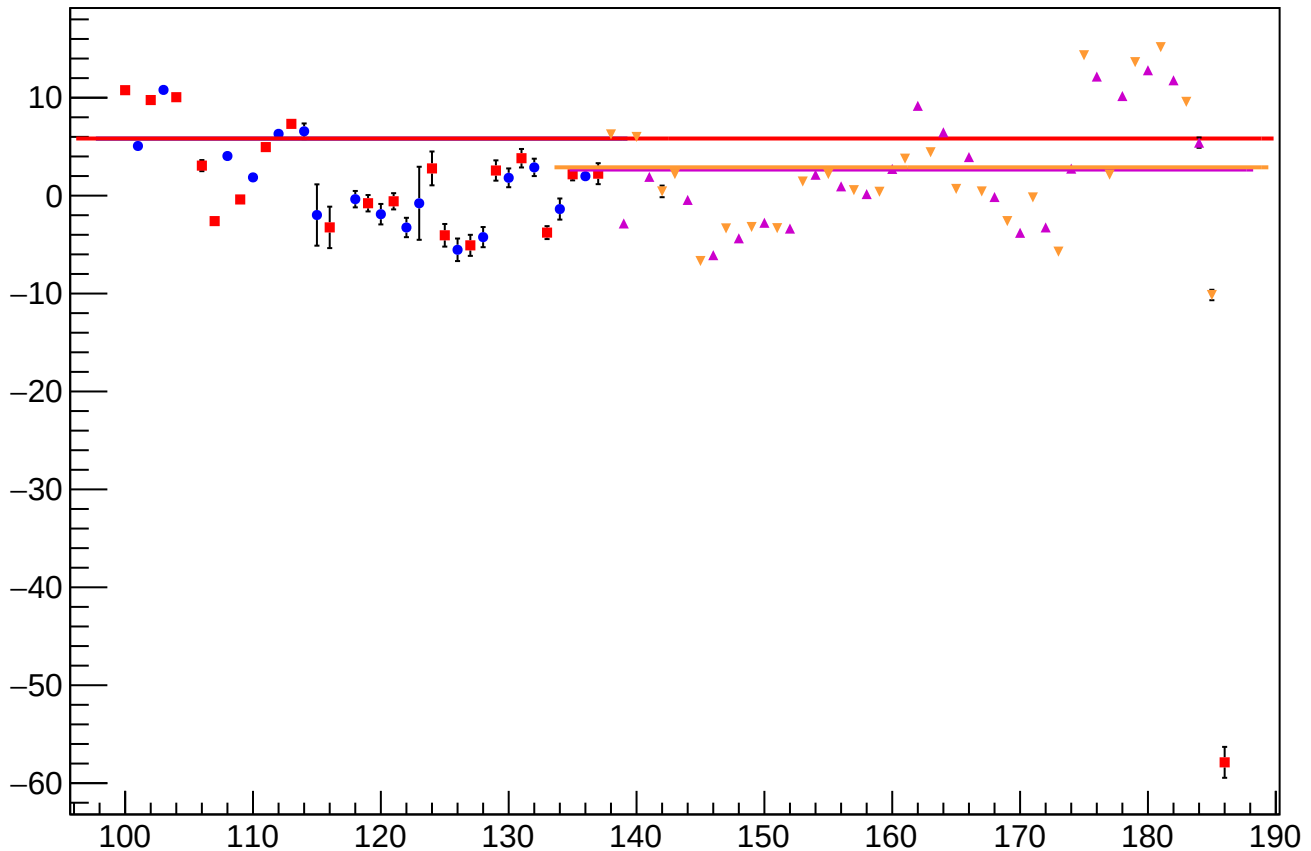
Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

+ 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

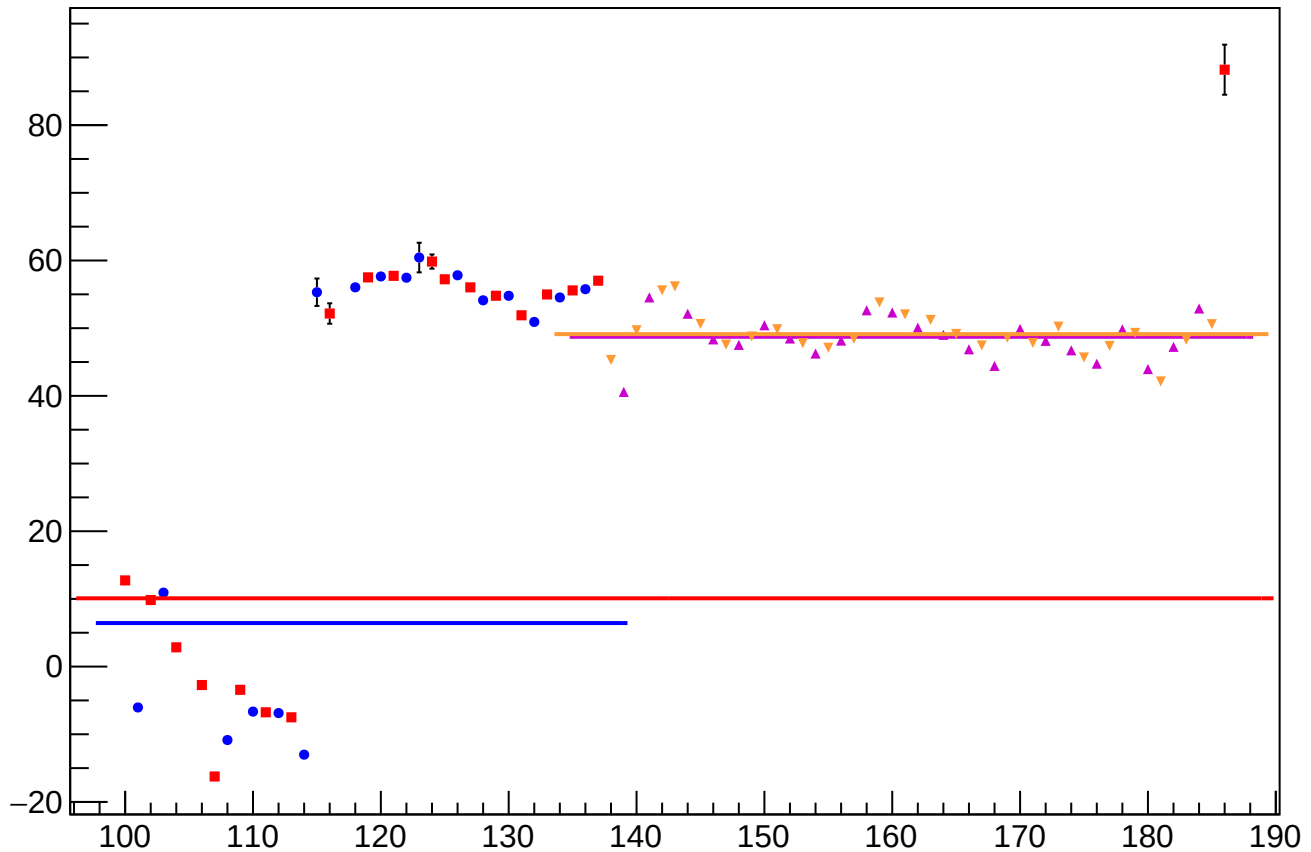
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ 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

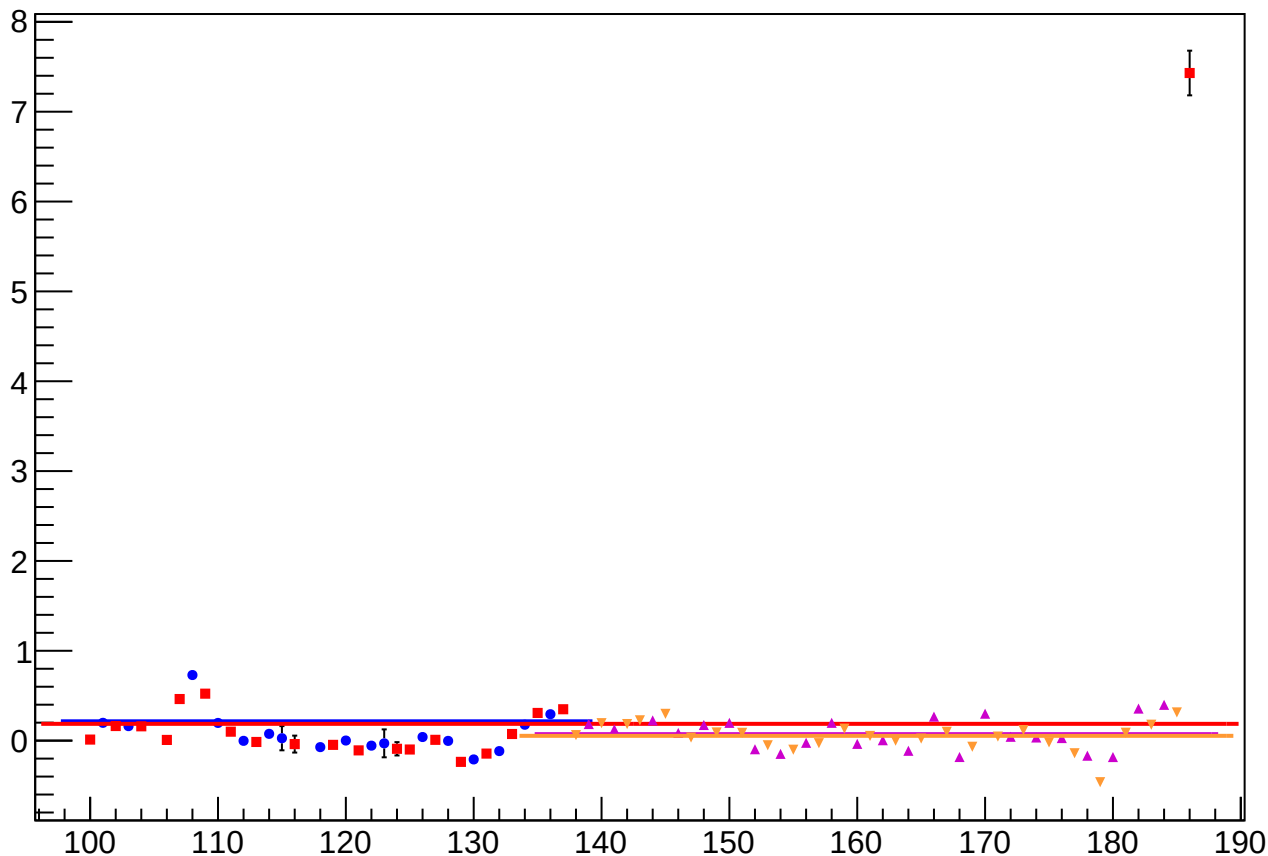
Left In: 48.731 ± 0.064 χ^2/NDF : 2117.7/22

+ 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

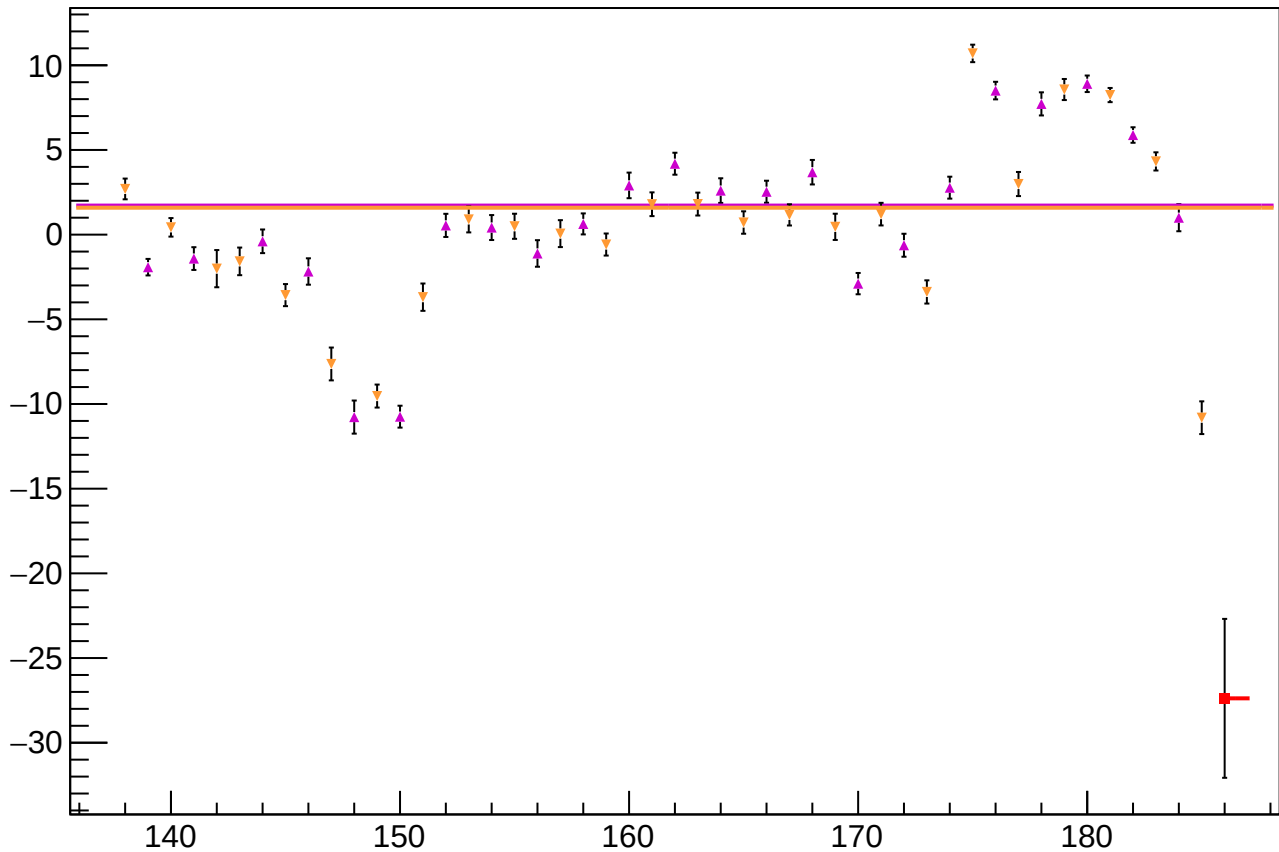
Left In: 0.072 $\pm$ 0.003 χ^2 /NDF:3272.0/22

+ 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

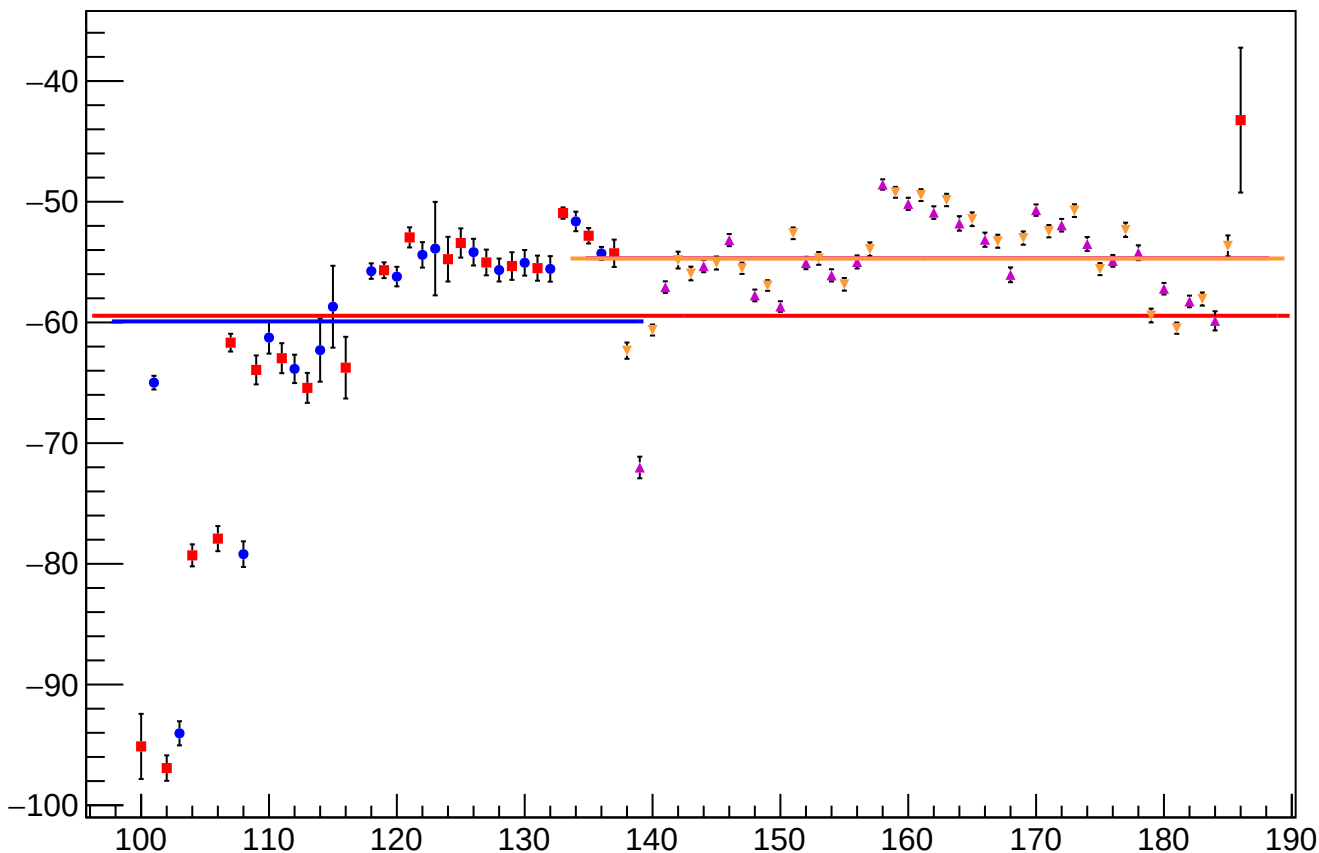
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ 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

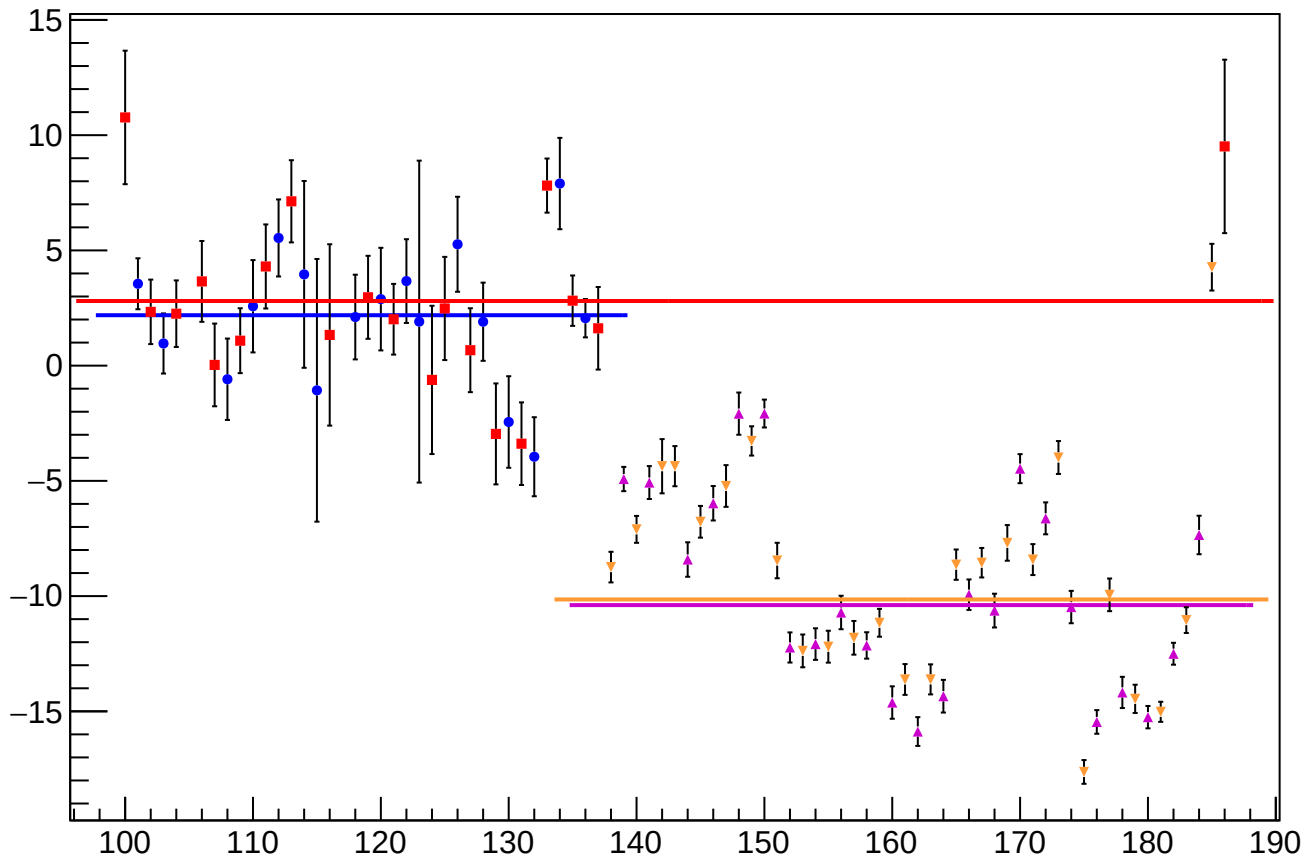
Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

+ 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

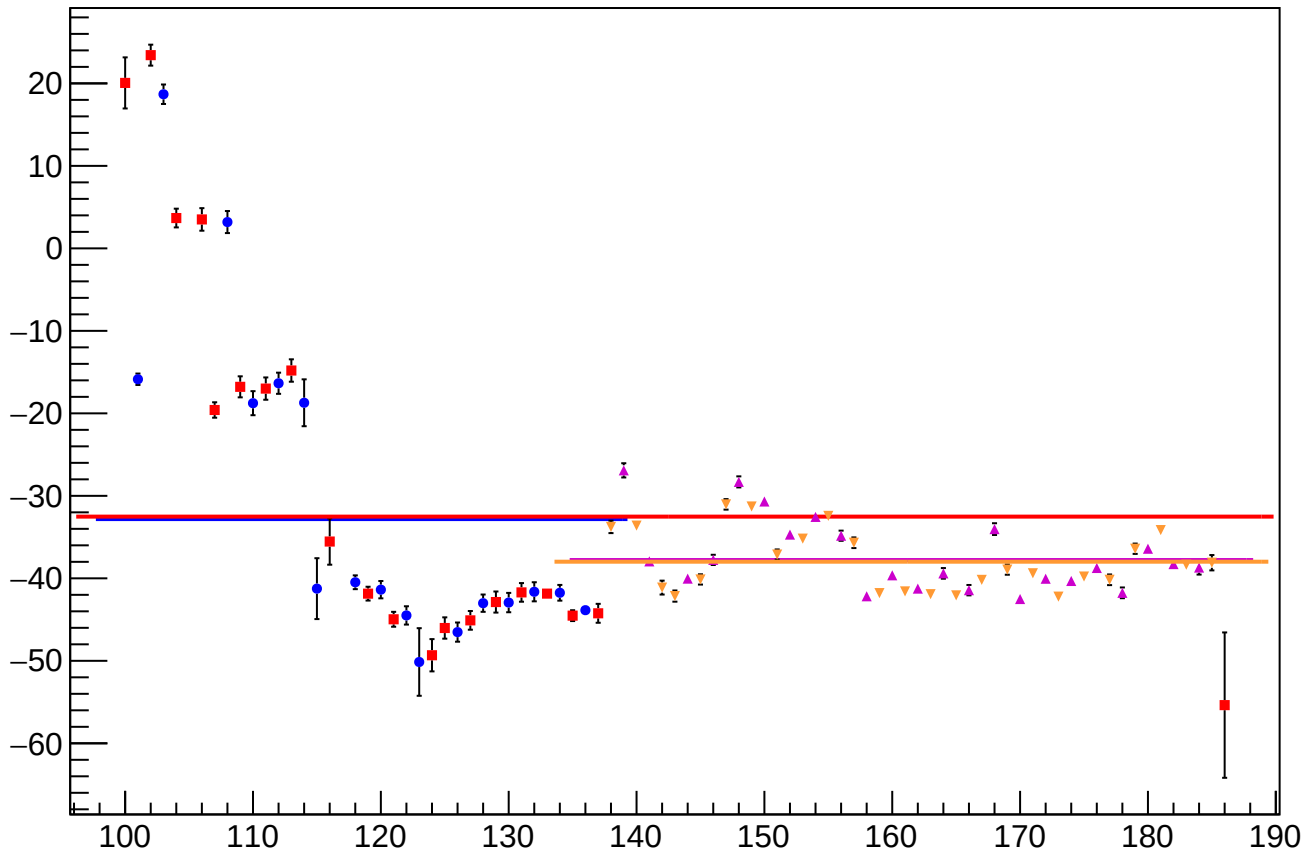
Left In: -10.391 ± 0.134 χ^2/NDF : 1024.8/22

+ 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 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -37.983 ± 0.119 $\chi^2/\text{NDF}: 936.9/24$

Right Out: -32.518 ± 0.244 $\chi^2/\text{NDF}: 6044.6/19$

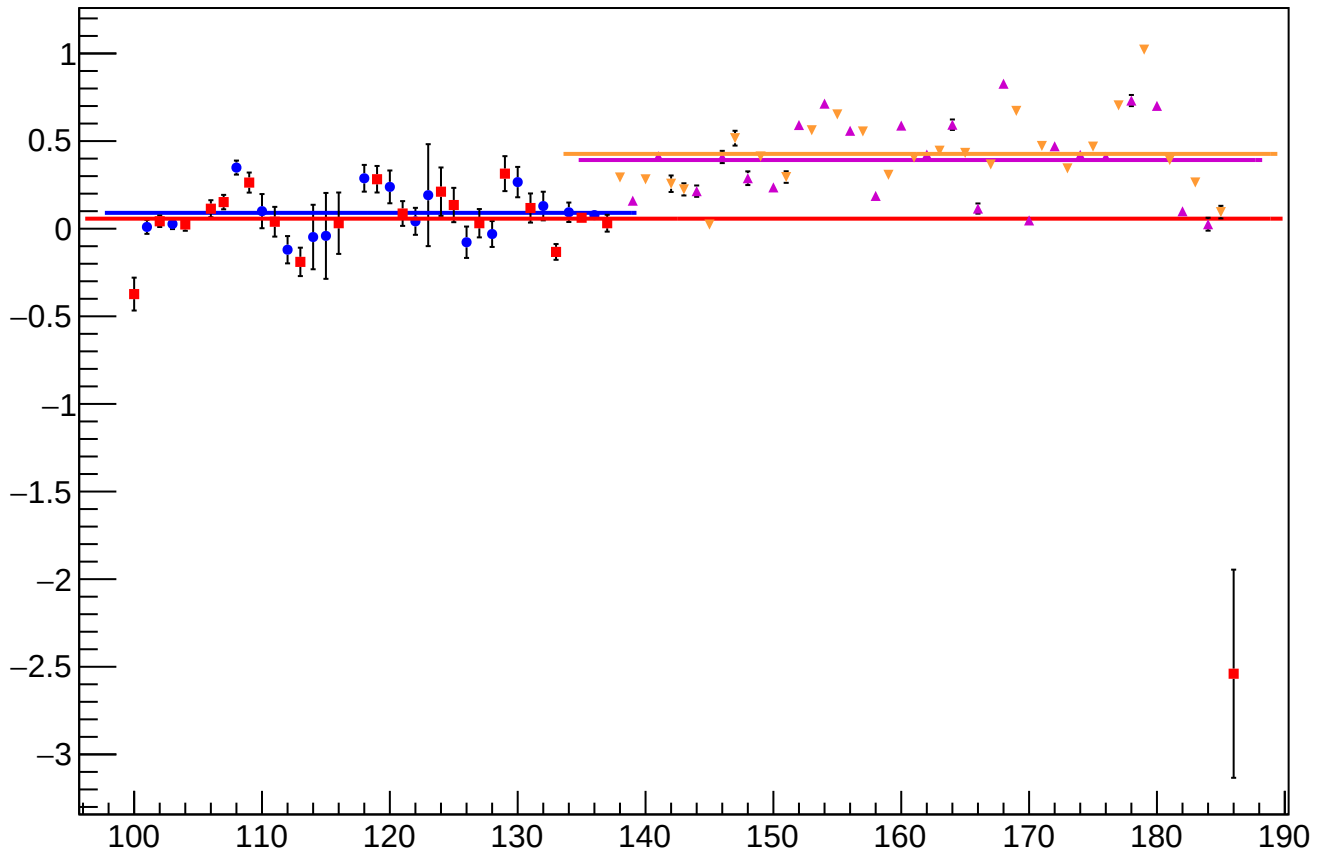
Left In: -37.784 ± 0.122 $\chi^2/\text{NDF}: 1079.7/22$

+ sign -37.053 ± 0.108 $\chi^2/\text{NDF}: 5942.8/41$

All: -36.894 ± 0.077 $\chi^2/\text{NDF}: 13444.5/84$

- sign -36.731 ± 0.109 $\chi^2/\text{NDF}: 7497.2/42$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 $\pm$ 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

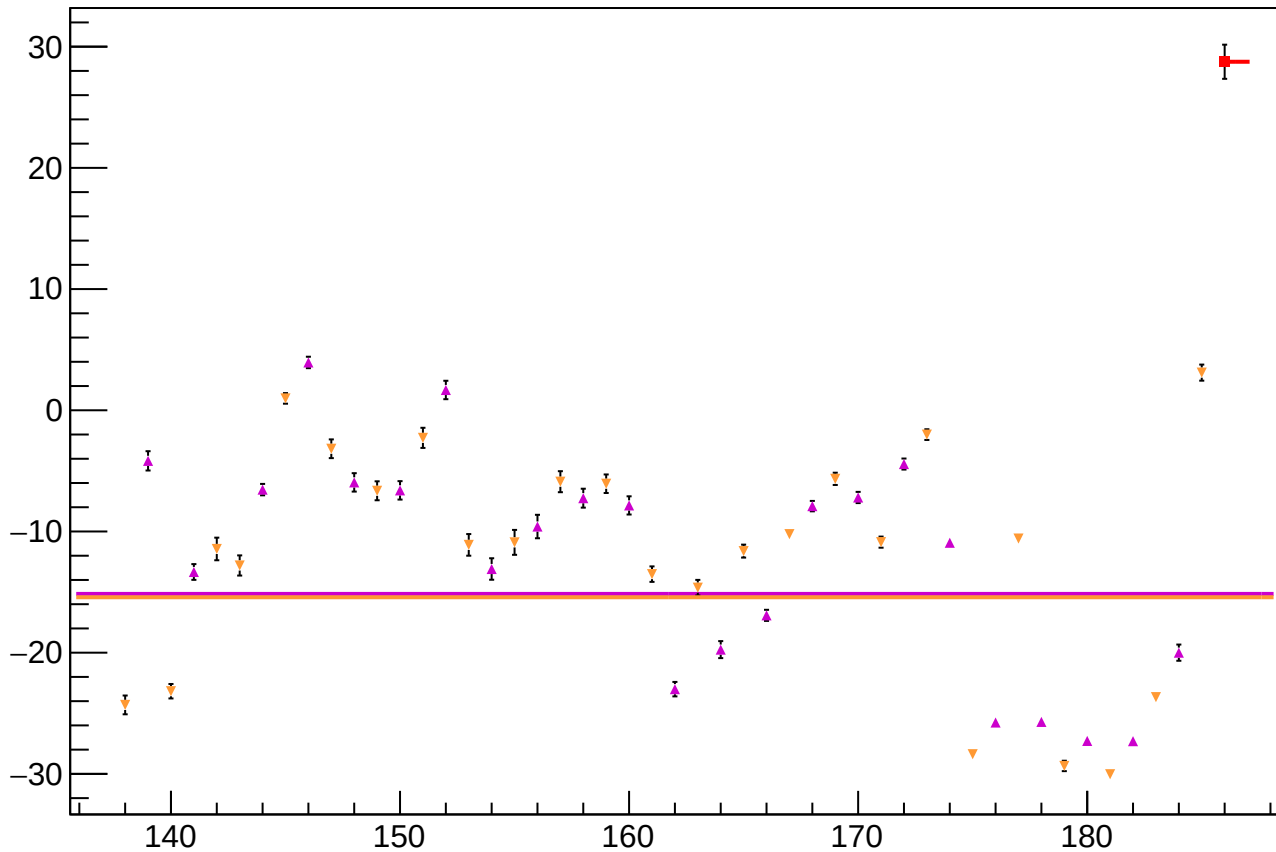
Left In: 0.392 $\pm$ 0.005 χ^2/NDF :1835.6/22

+ 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

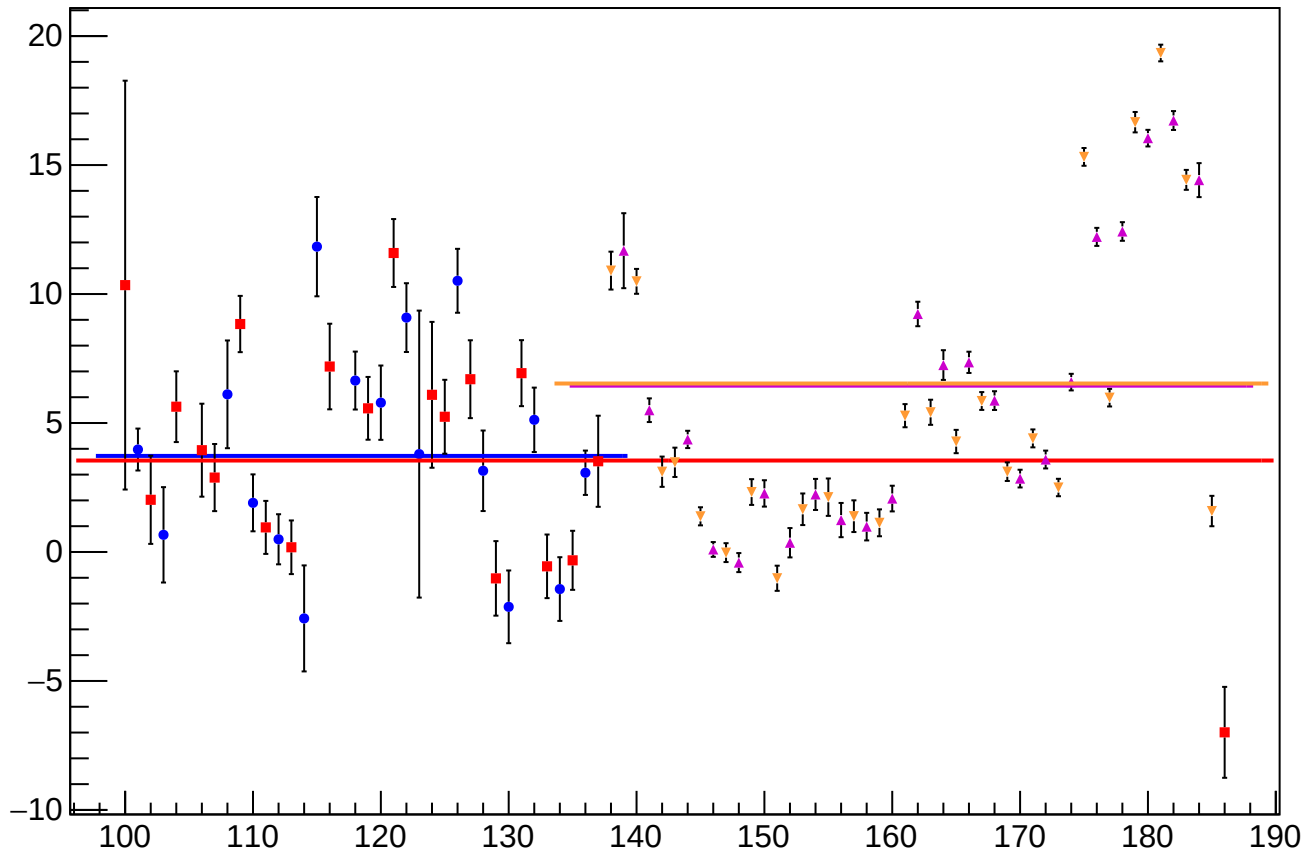
Left In: -15.151+/-0.106 χ^2/NDF :8744.3/22

+ 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

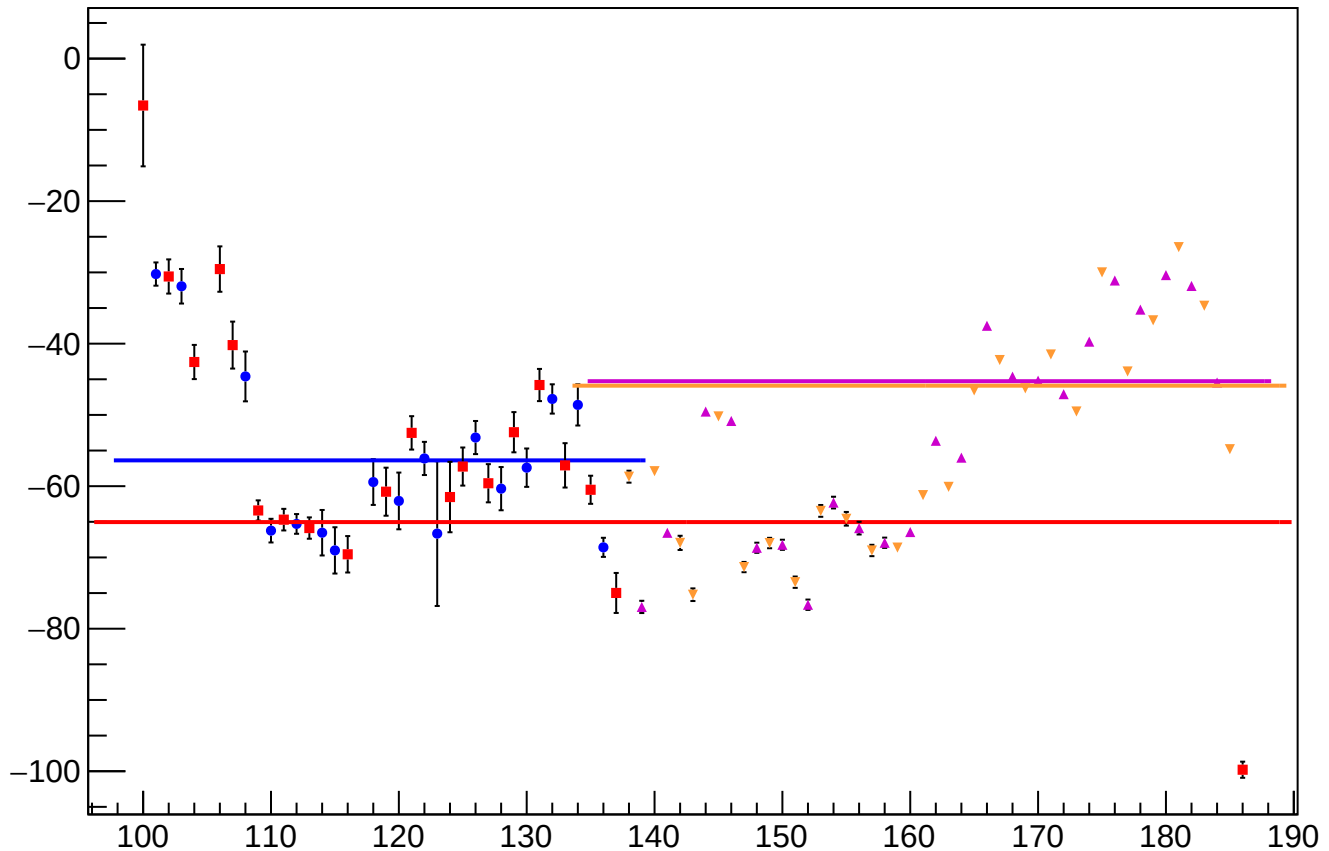
Left In: 6.448 ± 0.086 χ^2/NDF : 3955.6/22

+ 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

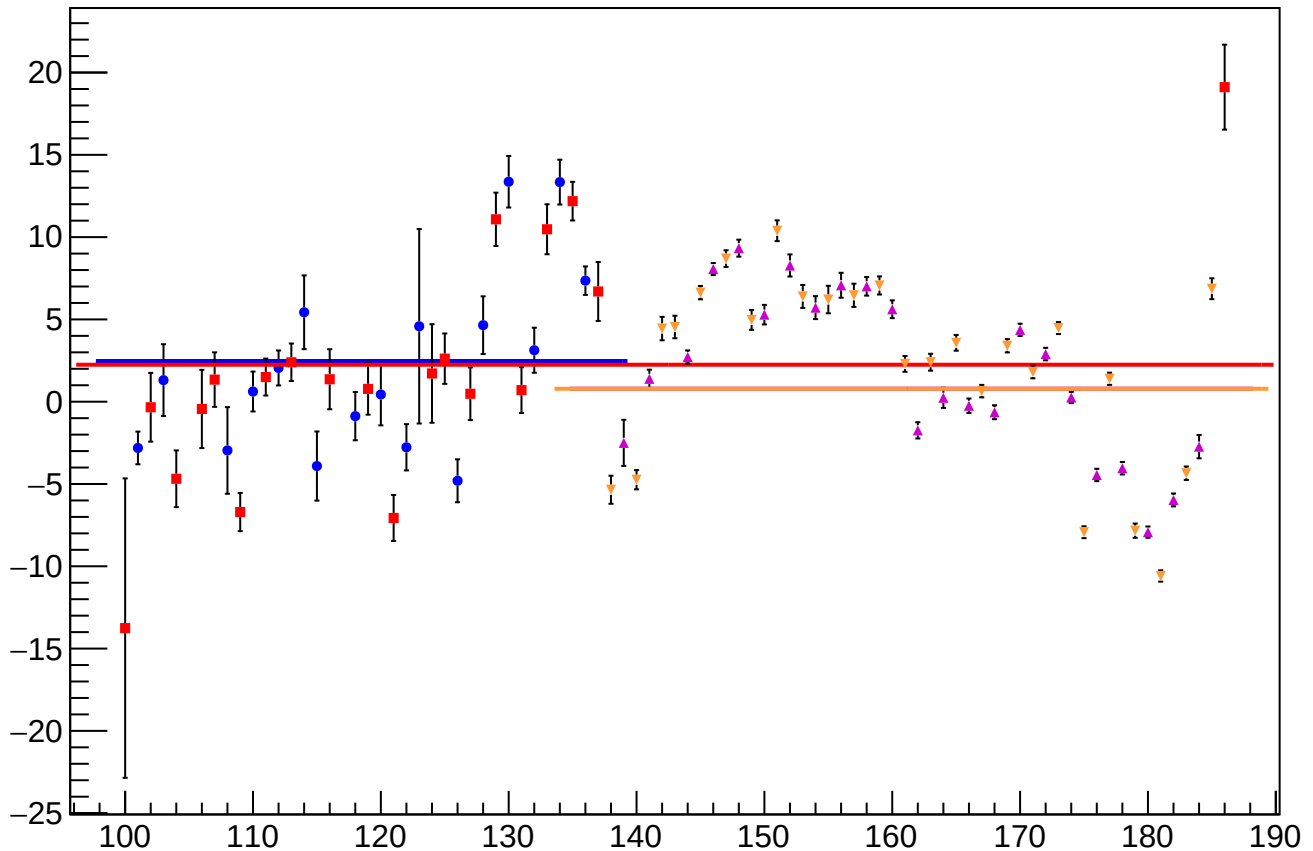
Left In: -45.268 ± 0.107 χ^2/NDF : 15775.7/22

+ 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

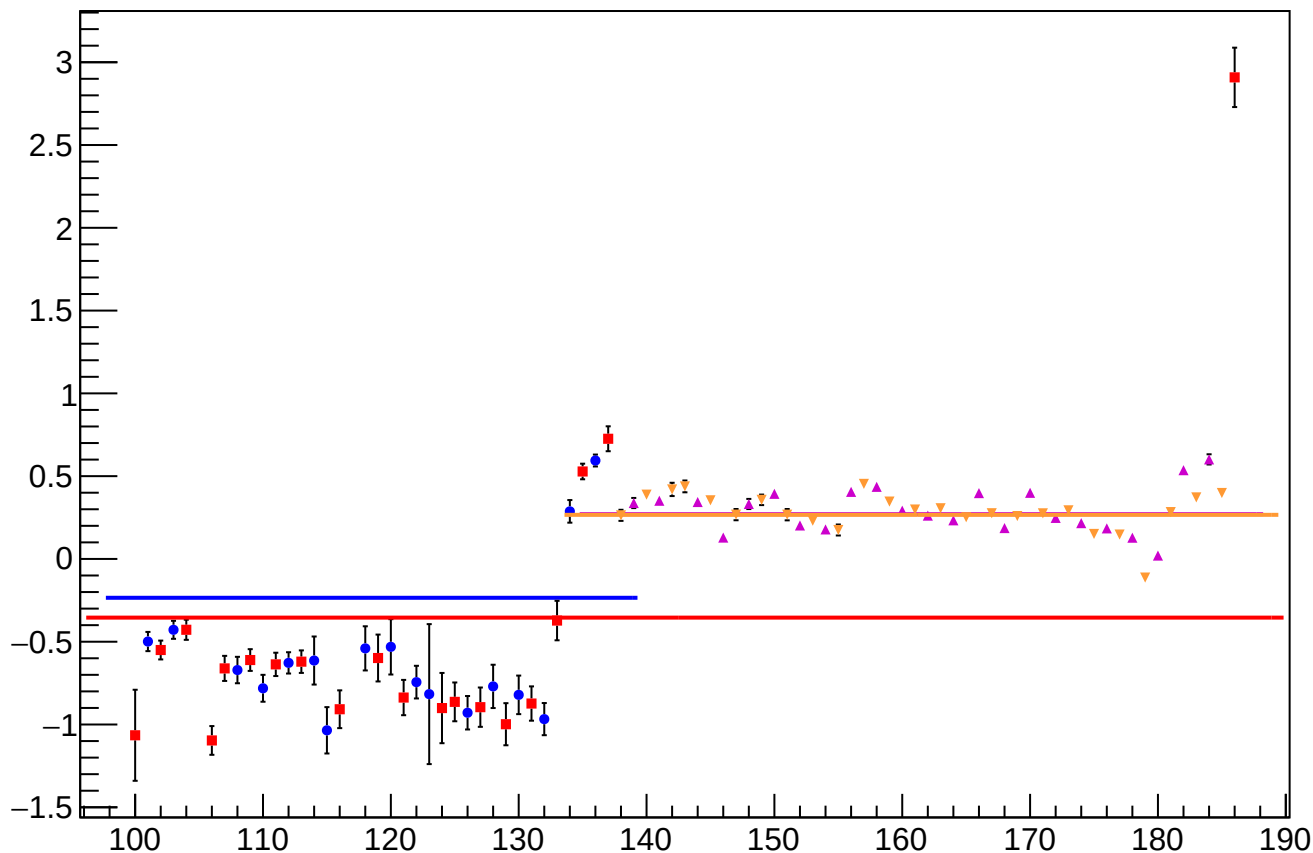
Left In: 0.791 ± 0.096 χ^2/NDF : 2697.7/22

+ 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

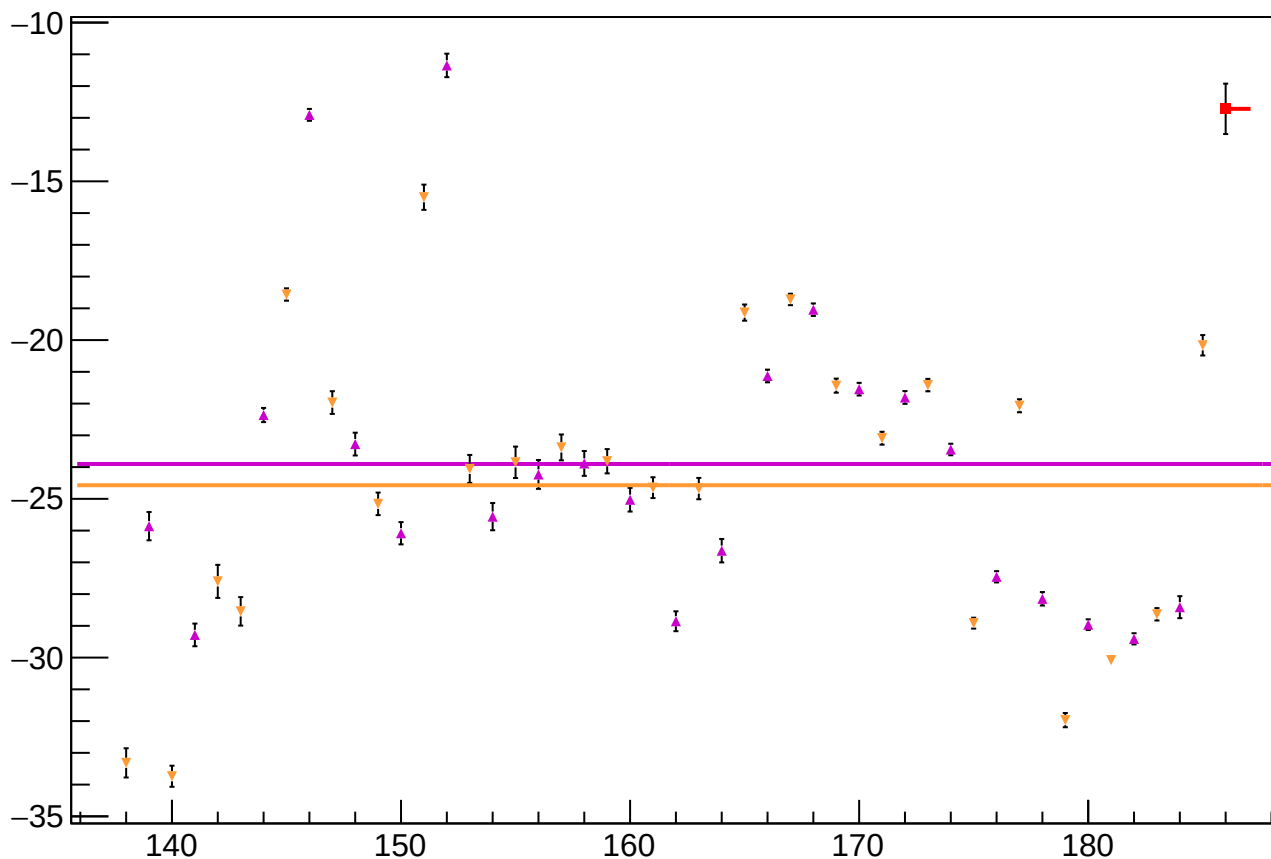
Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

+ 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

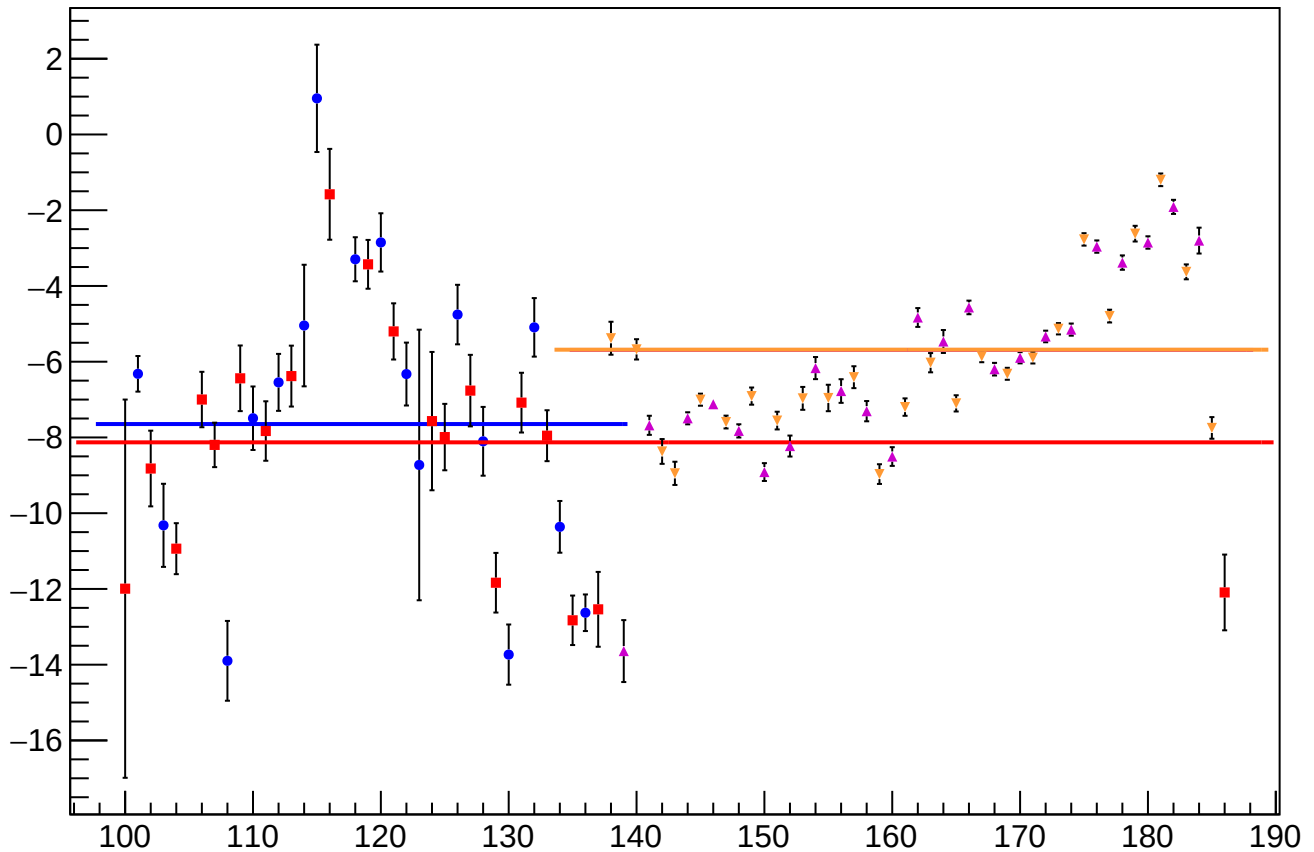
Left In: -23.902 ± 0.051 χ^2/NDF : 9158.9/22

+ 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 χ^2/NDF : 393.6/16

Left Out: -5.683 ± 0.041 χ^2/NDF : 2231.0/24

Right Out: -8.129 ± 0.183 χ^2/NDF : 241.7/19

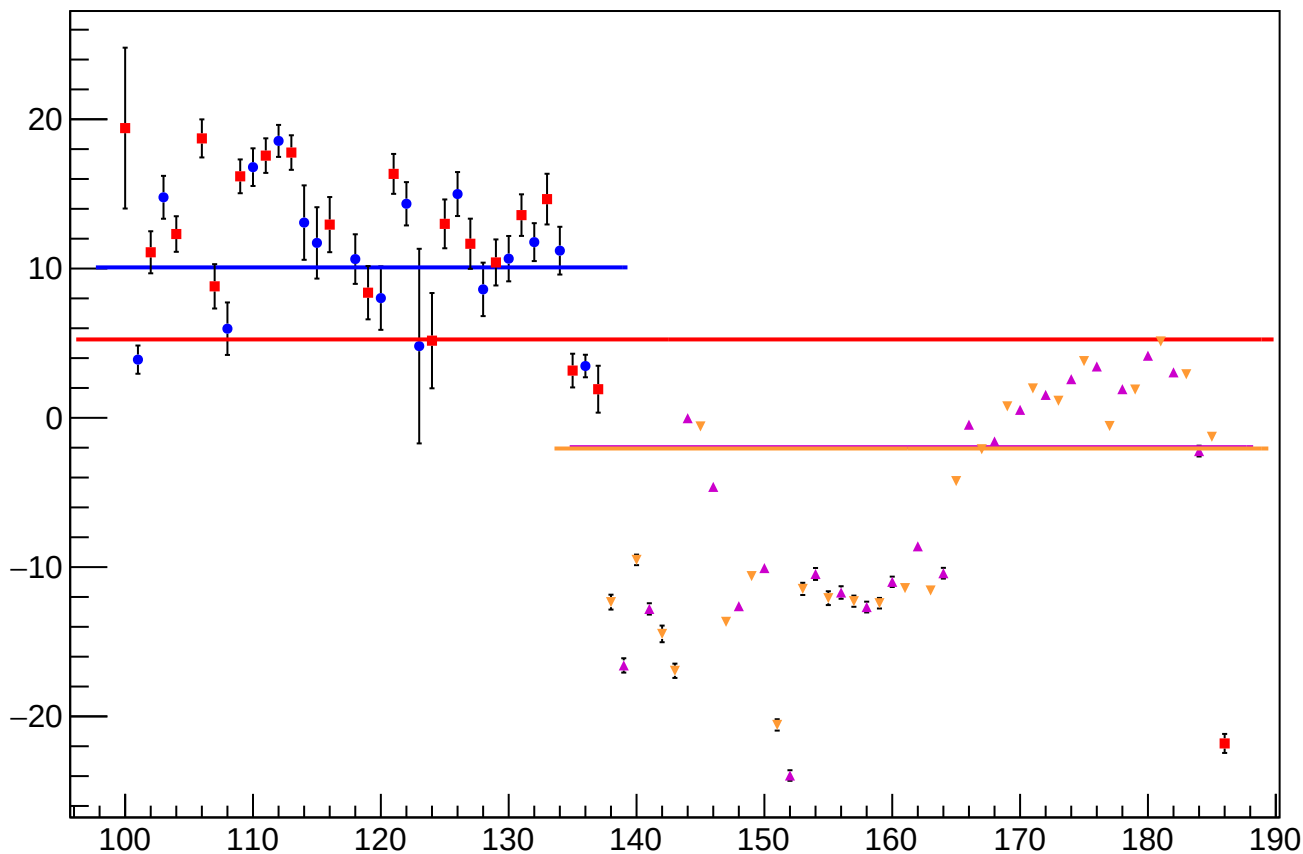
Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

+ sign -5.775 ± 0.040 χ^2/NDF : 2731.2/41

All: -5.790 ± 0.028 χ^2/NDF : 5471.3/84

- sign -5.805 ± 0.040 χ^2/NDF : 2739.8/42

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -2.055 ± 0.051 χ^2/NDF : 16042.5/24

Right Out: 5.251 ± 0.295 χ^2/NDF : 2515.8/19

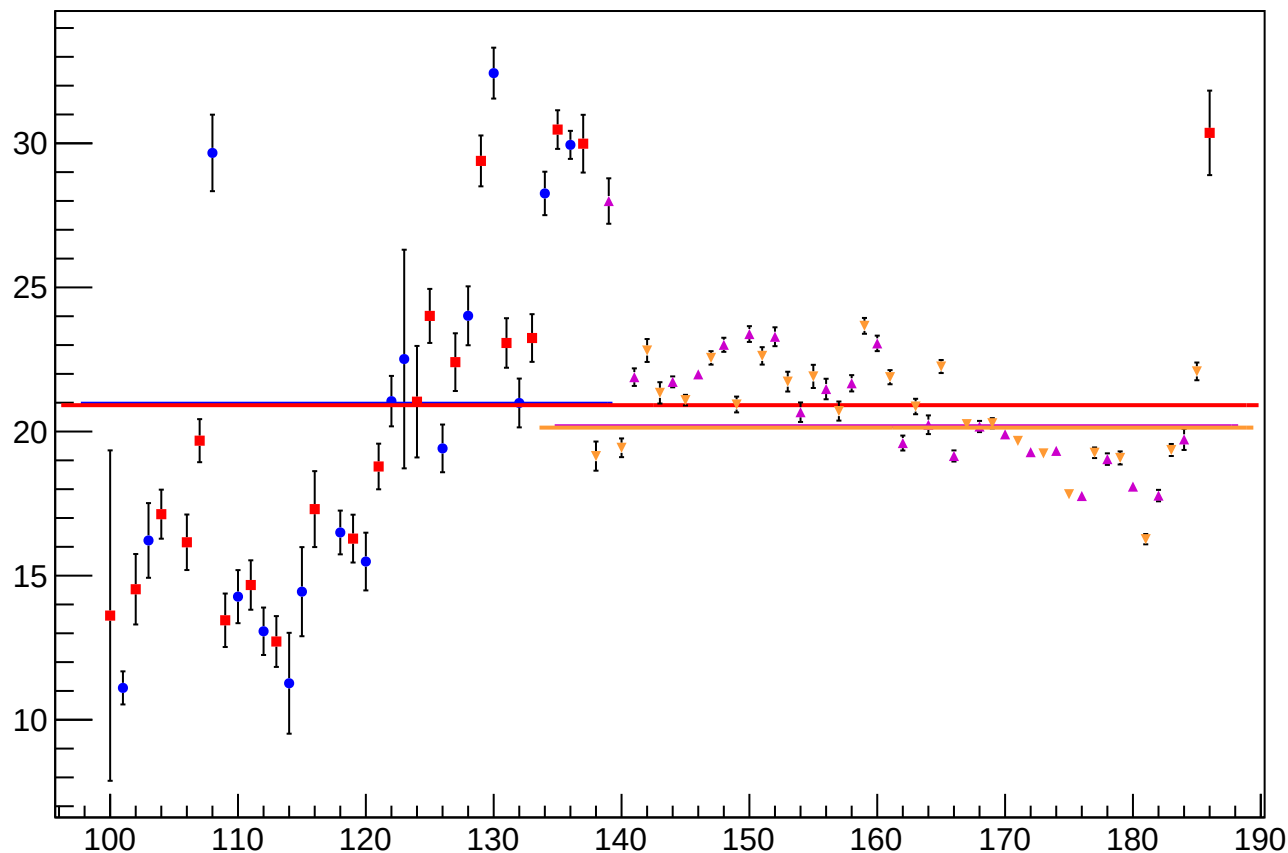
Left In: -1.963 ± 0.051 χ^2/NDF : 15492.9/22

+ sign -1.778 ± 0.051 χ^2/NDF : 17563.5/41

All: -1.766 ± 0.036 χ^2/NDF : 36154.0/84

- sign -1.753 ± 0.050 χ^2/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

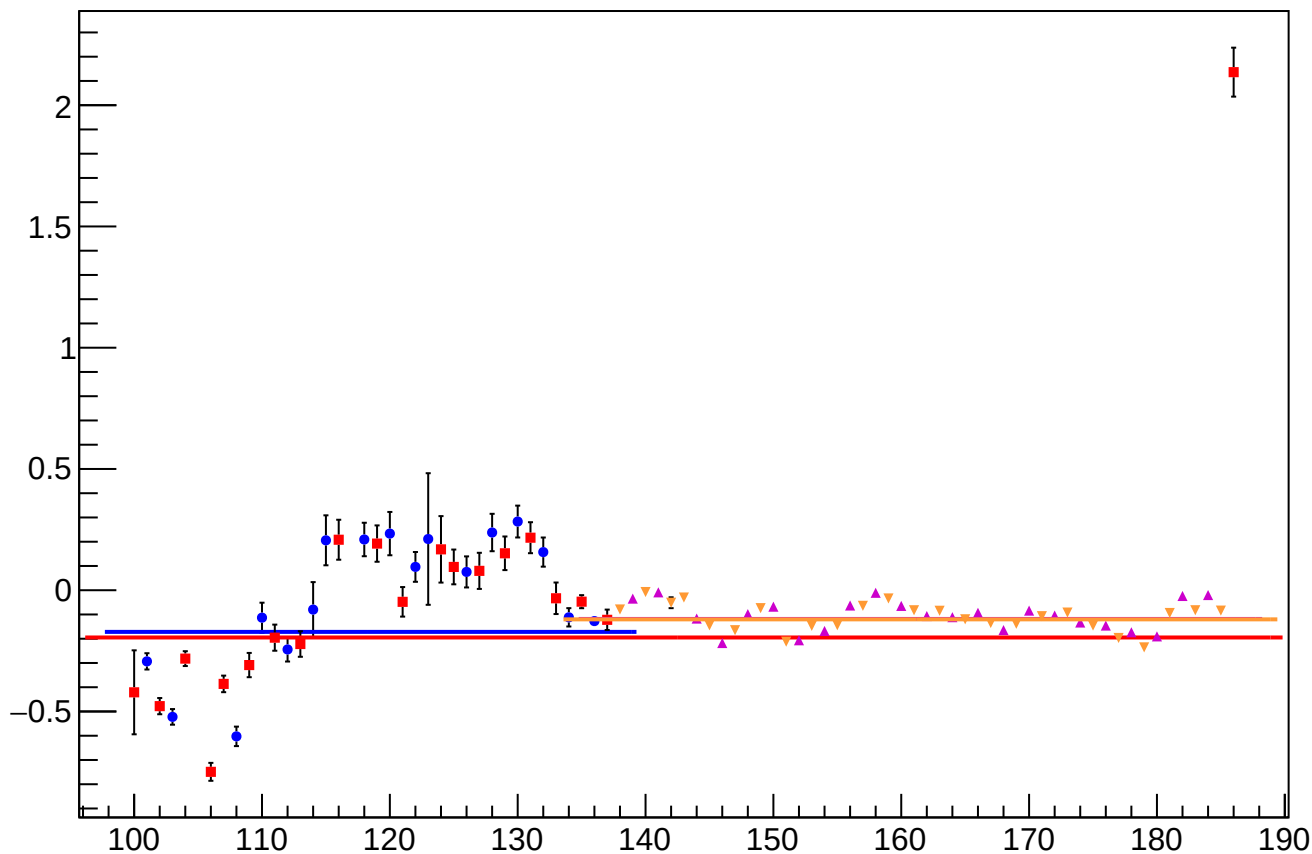
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

+ 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

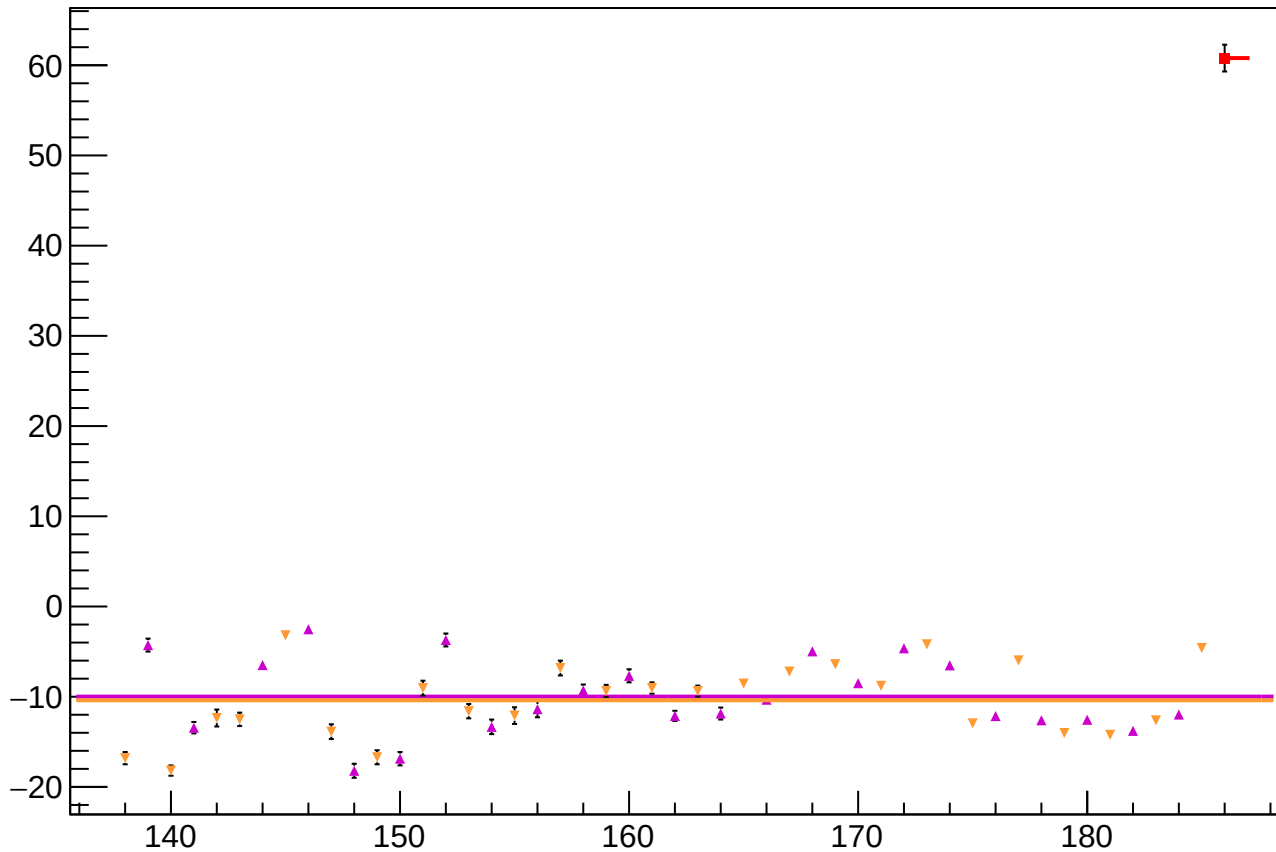
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ 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

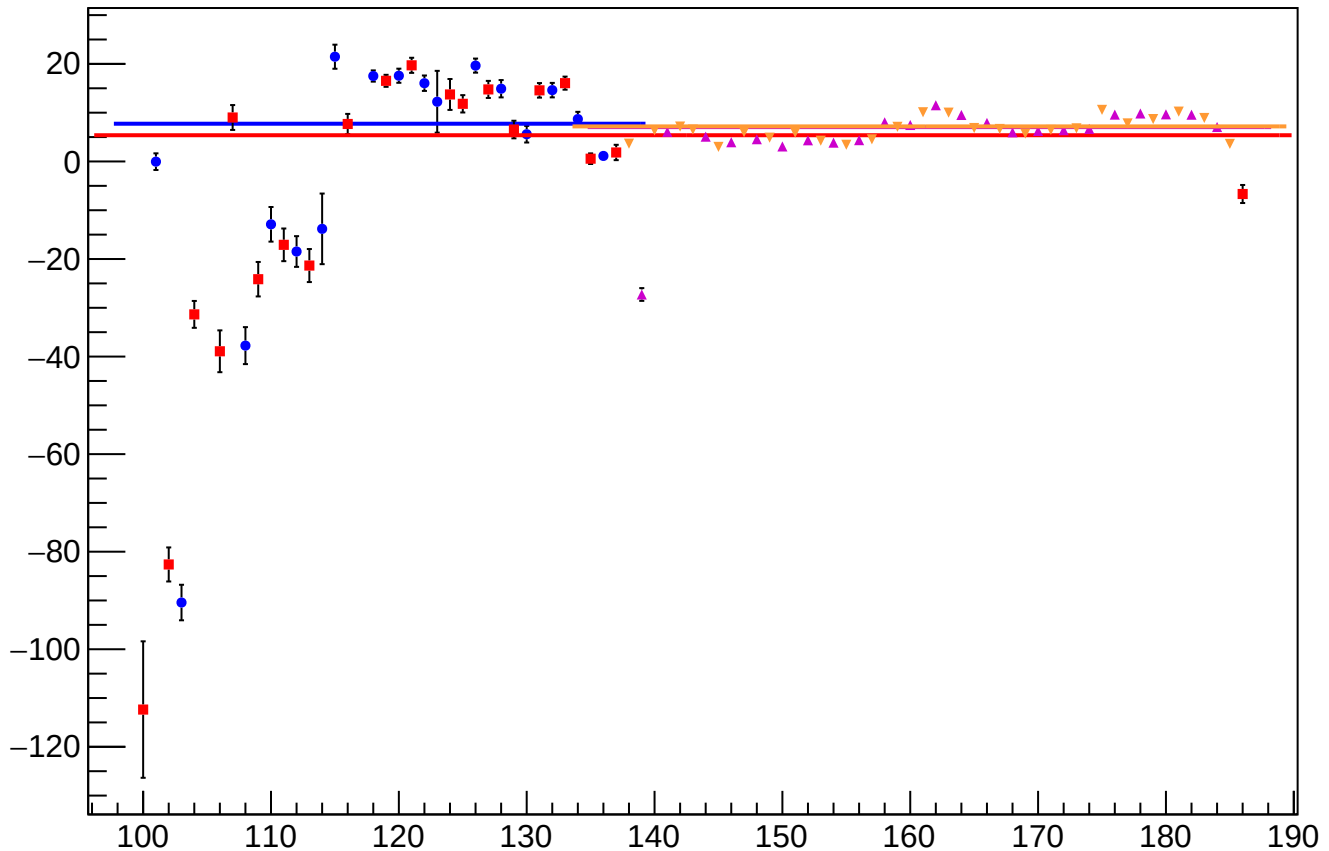
Left In: -9.990 ± 0.089 χ^2/NDF : 1794.2/22

+ 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 χ^2/NDF : 1358.4/16

Left Out: 7.187 ± 0.074 χ^2/NDF : 916.3/24

Right Out: 5.376 ± 0.423 χ^2/NDF : 1556.9/19

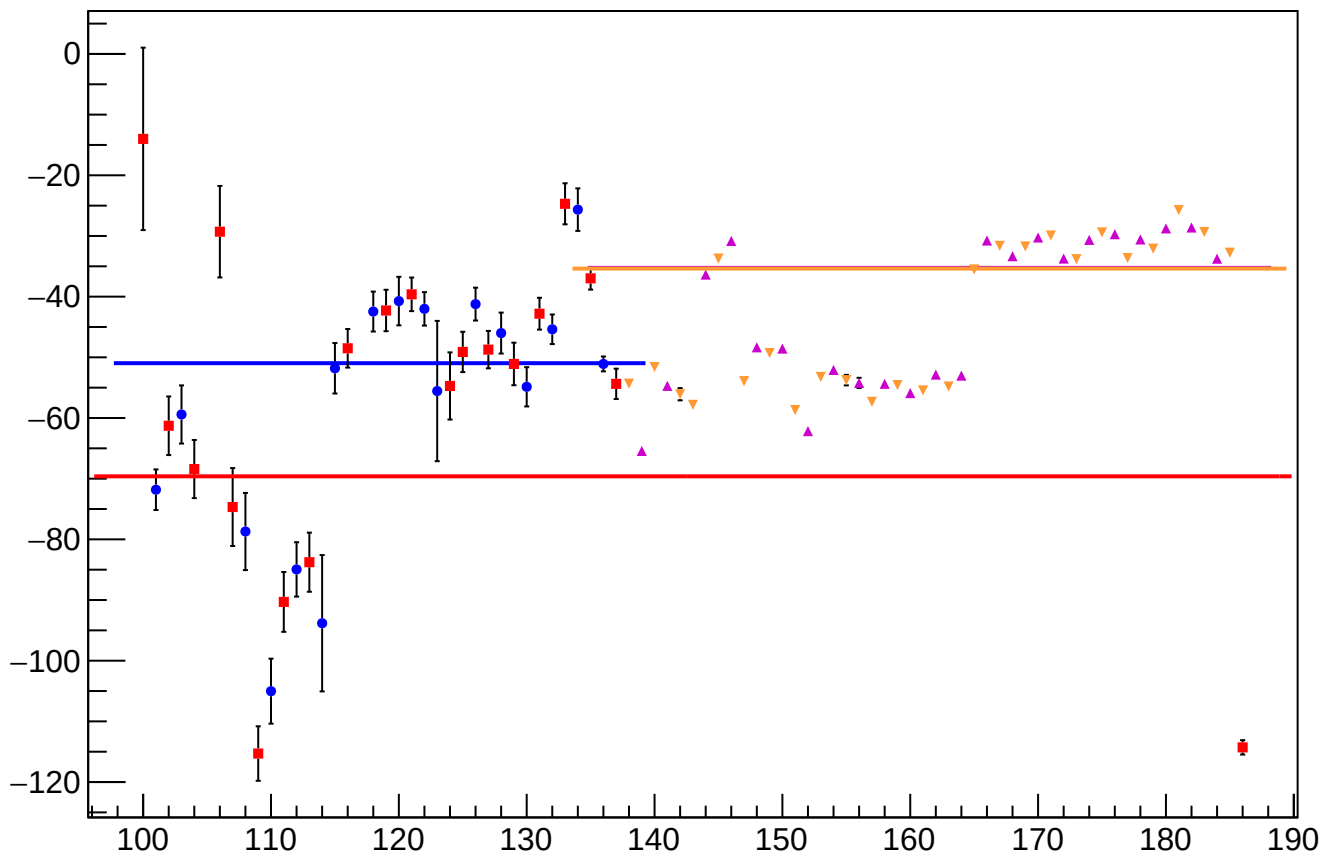
Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

+ sign 7.205 ± 0.072 χ^2/NDF : 2276.5/41

All: 7.100 ± 0.051 χ^2/NDF : 5457.3/84

- sign 6.994 ± 0.073 χ^2/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

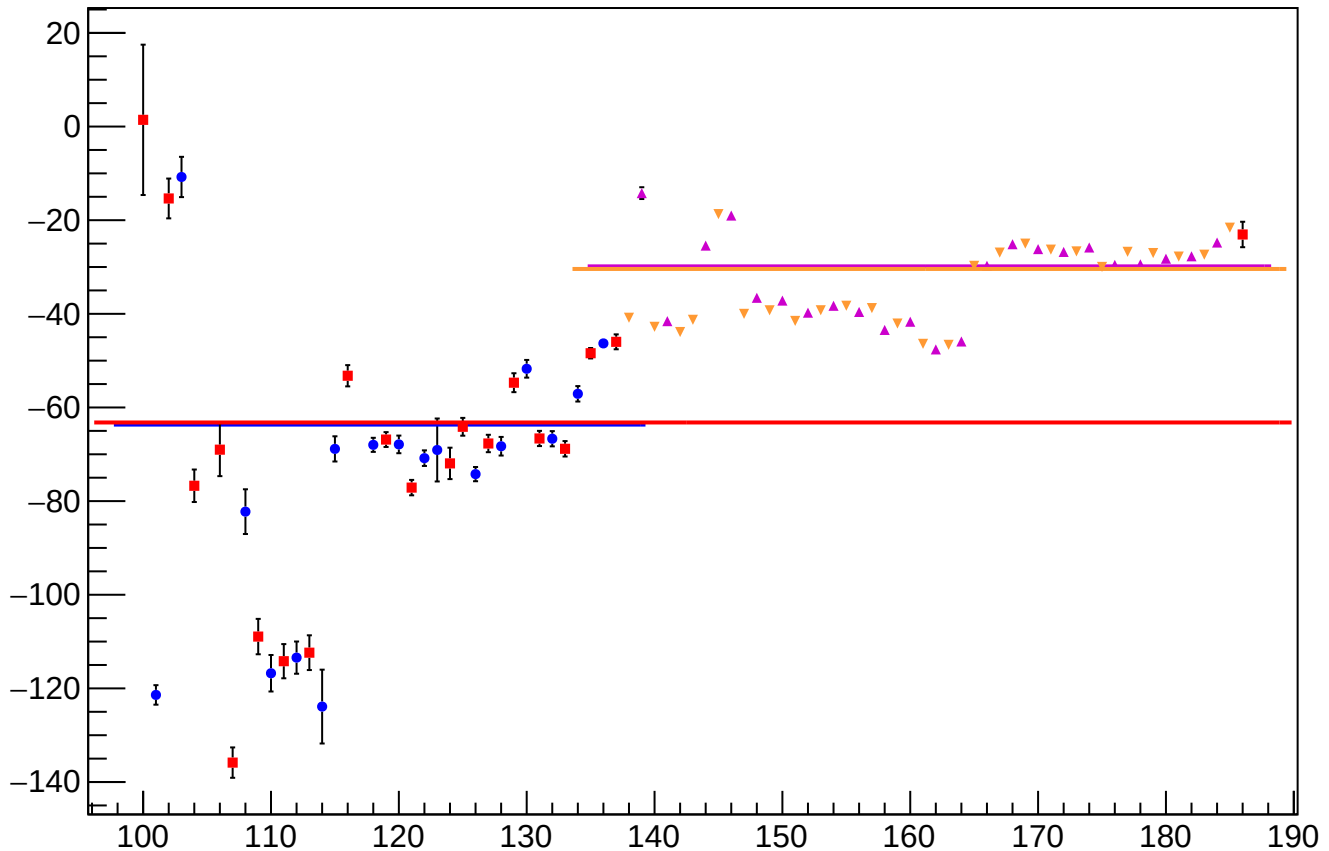
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ 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

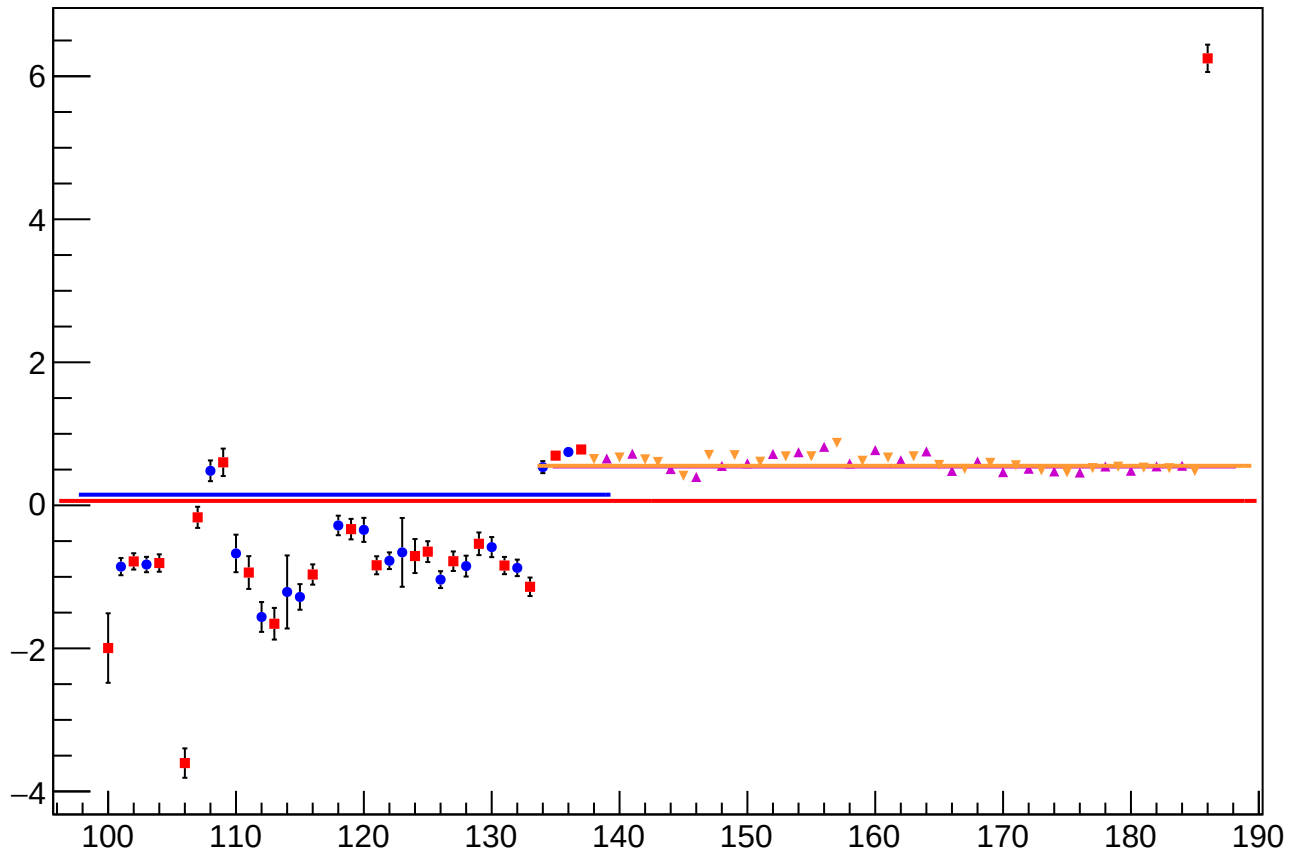
Left In: -29.863 $\pm$ 0.082 χ^2 /NDF: 7145.9/22

+ 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 ± 0.024 $\chi^2/\text{NDF}: 989.9/16$

Left Out: 0.553 ± 0.004 $\chi^2/\text{NDF}: 542.9/24$

Right Out: 0.062 ± 0.026 $\chi^2/\text{NDF}: 2235.3/19$

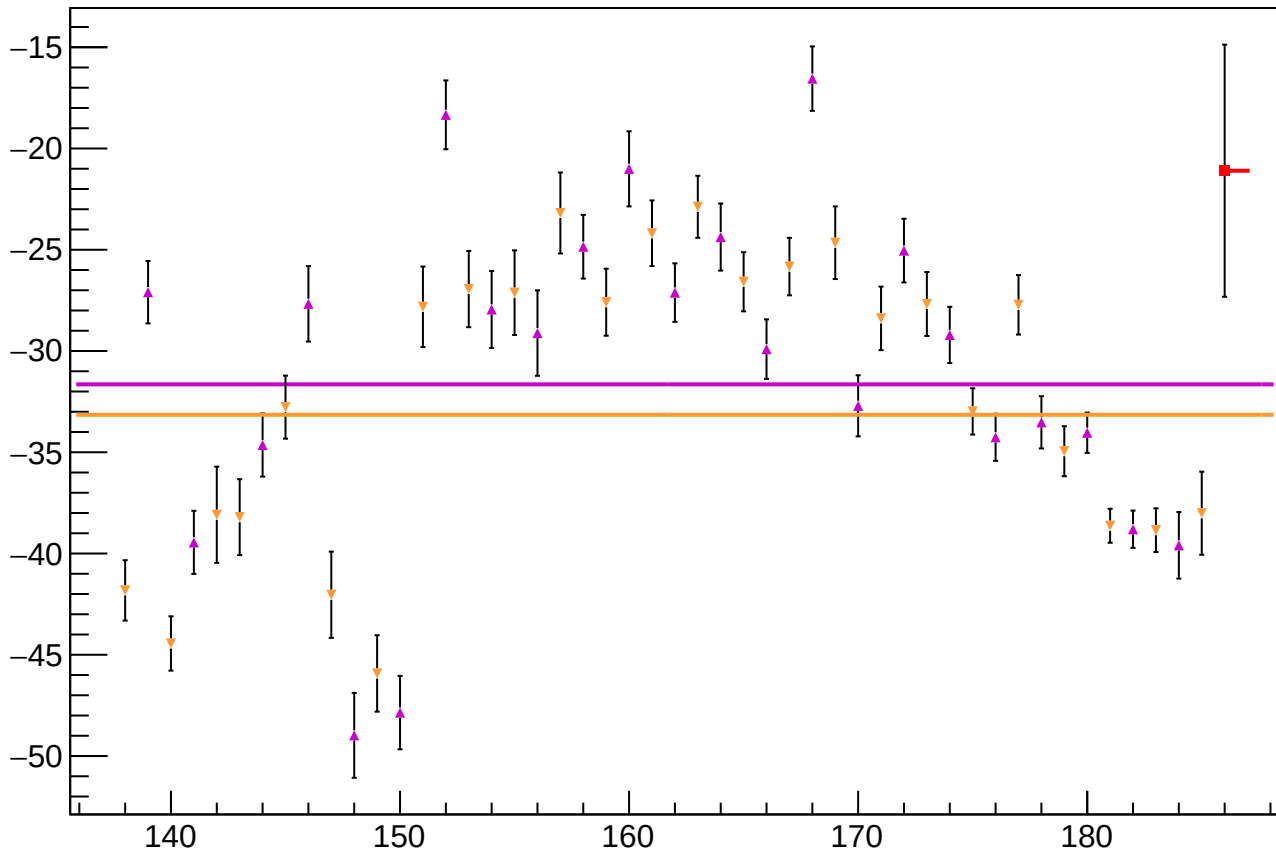
Left In: 0.544 ± 0.004 $\chi^2/\text{NDF}: 659.2/22$

+ sign 0.543 ± 0.004 $\chi^2/\text{NDF}: 1810.1/41$

All: 0.539 ± 0.003 $\chi^2/\text{NDF}: 5045.0/84$

- sign 0.534 ± 0.004 $\chi^2/\text{NDF}: 3231.3/42$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -33.148 ± 0.301 χ^2/NDF : 500.0/24

Right Out: -21.098 ± 6.224 χ^2/NDF : 0.0/0

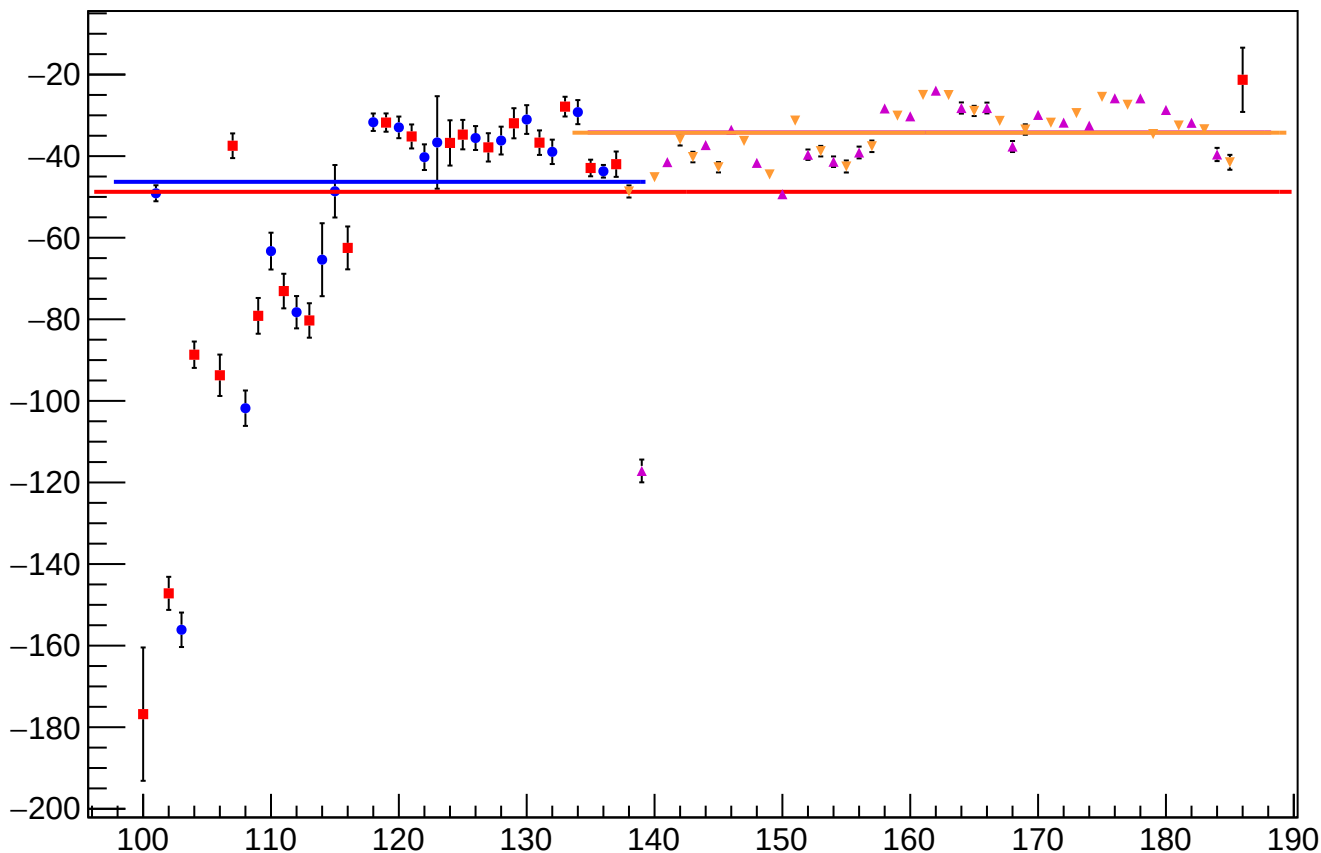
Left In: -31.647 ± 0.308 χ^2/NDF : 546.9/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.401 ± 0.215 χ^2/NDF : 1062.3/48

- sign -31.621 ± 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

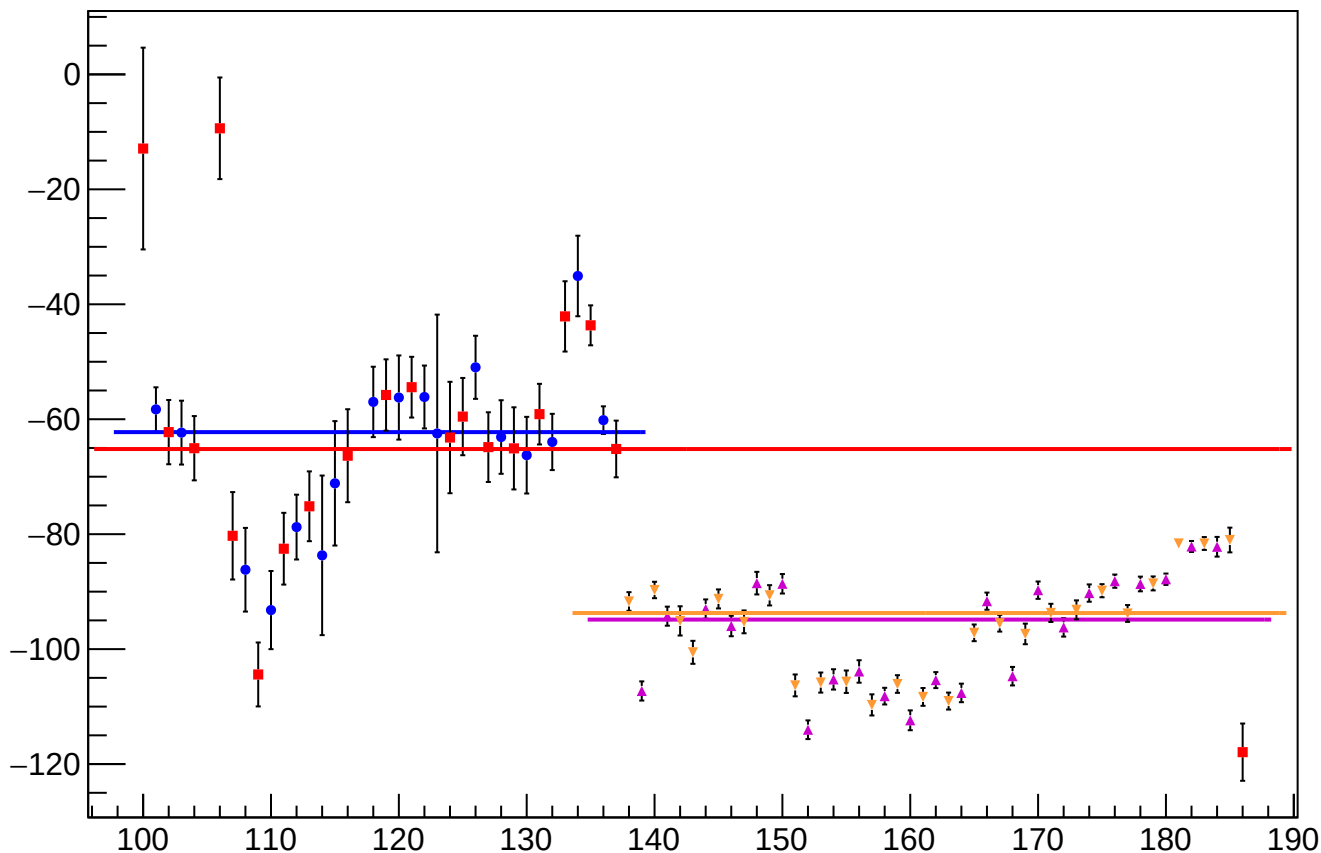
Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

+ 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 $\pm$ 1.310 χ^2/NDF : 67.4/16

Left Out: -93.719 $\pm$ 0.302 χ^2/NDF : 878.2/24

Right Out: -65.186 $\pm$ 1.329 χ^2/NDF : 286.2/19

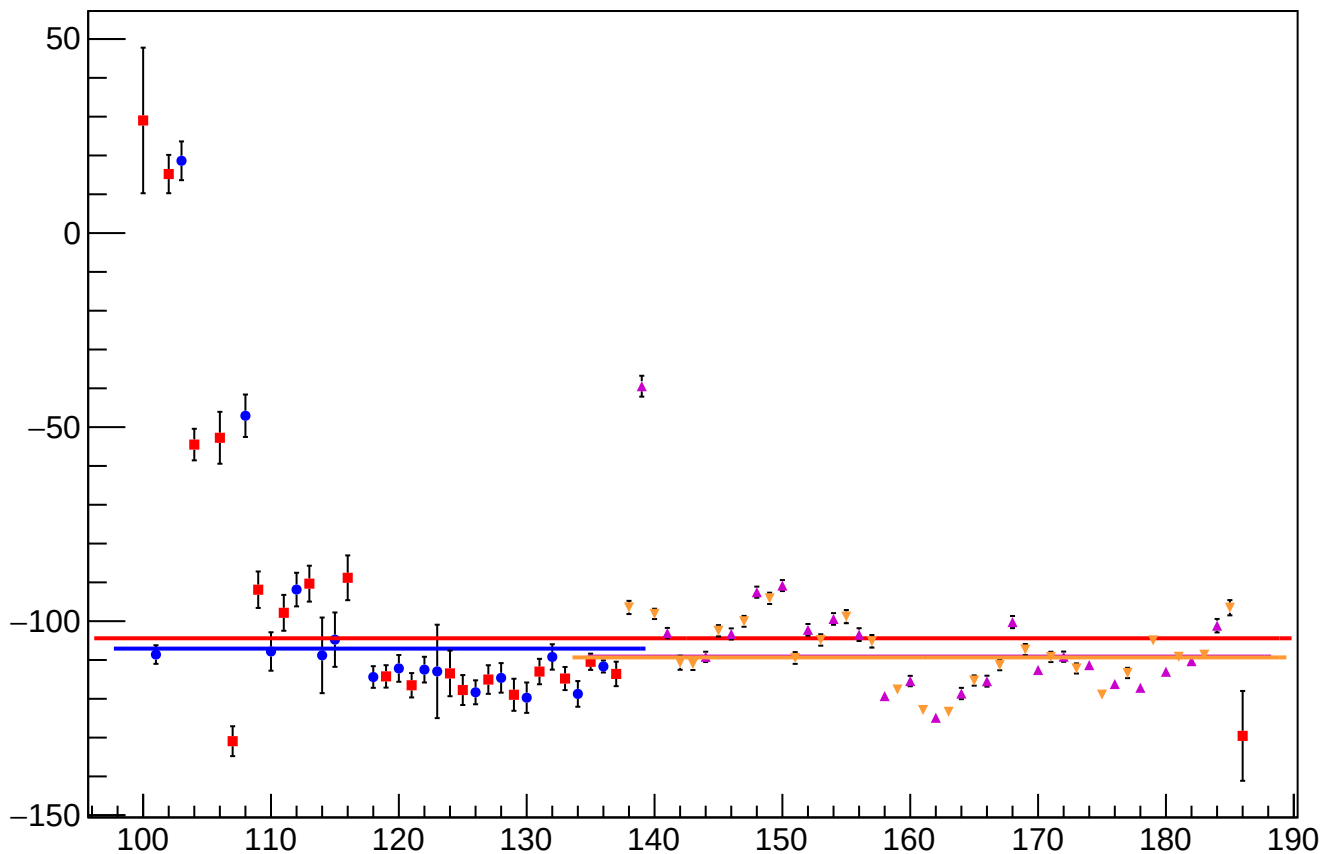
Left In: -94.861 $\pm$ 0.307 χ^2/NDF : 985.5/22

+ sign -92.128 $\pm$ 0.295 χ^2/NDF : 1493.6/41

All: -92.732 $\pm$ 0.210 χ^2/NDF : 3246.9/84

- sign -93.356 $\pm$ 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 $\chi^2/\text{NDF}: 1023.4/19$

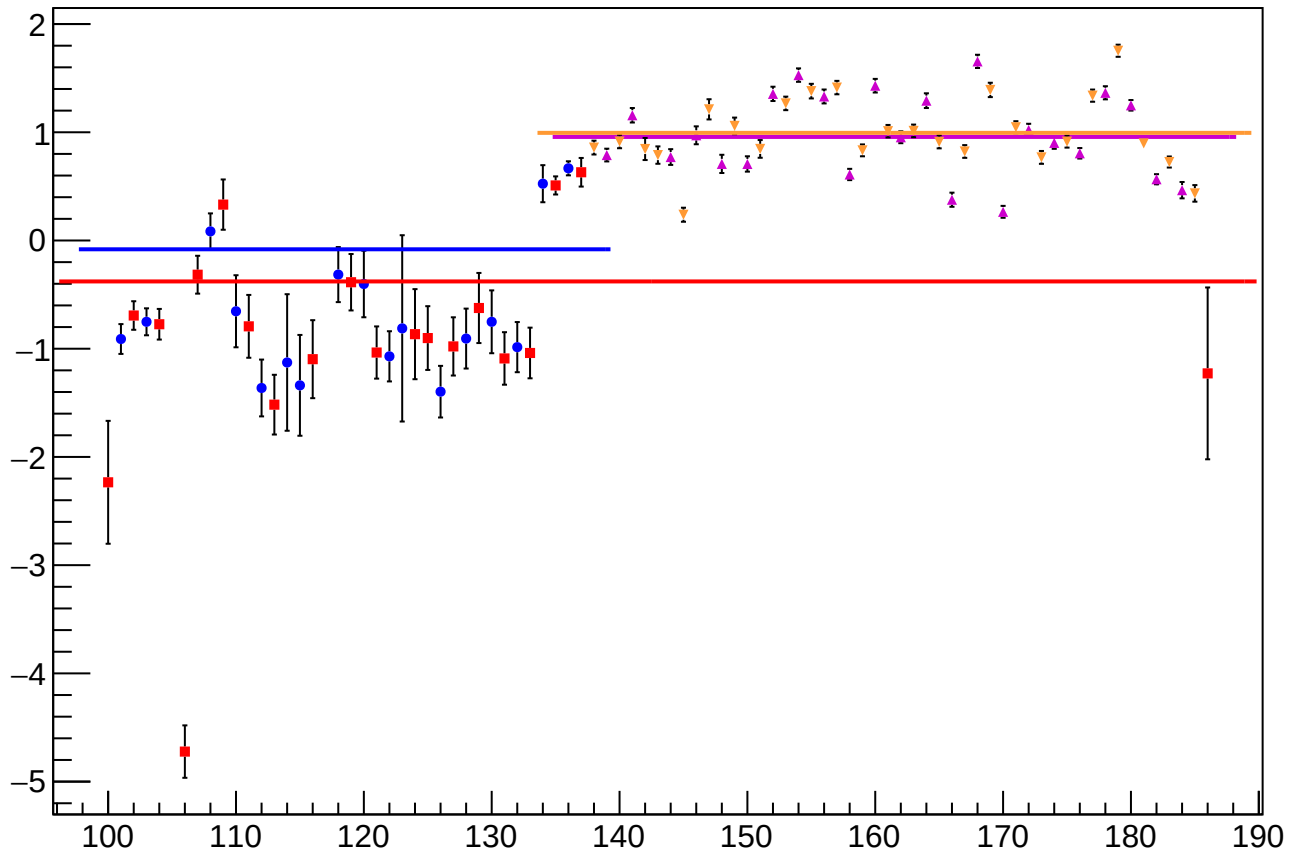
Left In: -109.126 ± 0.279 $\chi^2/\text{NDF}: 1578.7/22$

+ 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

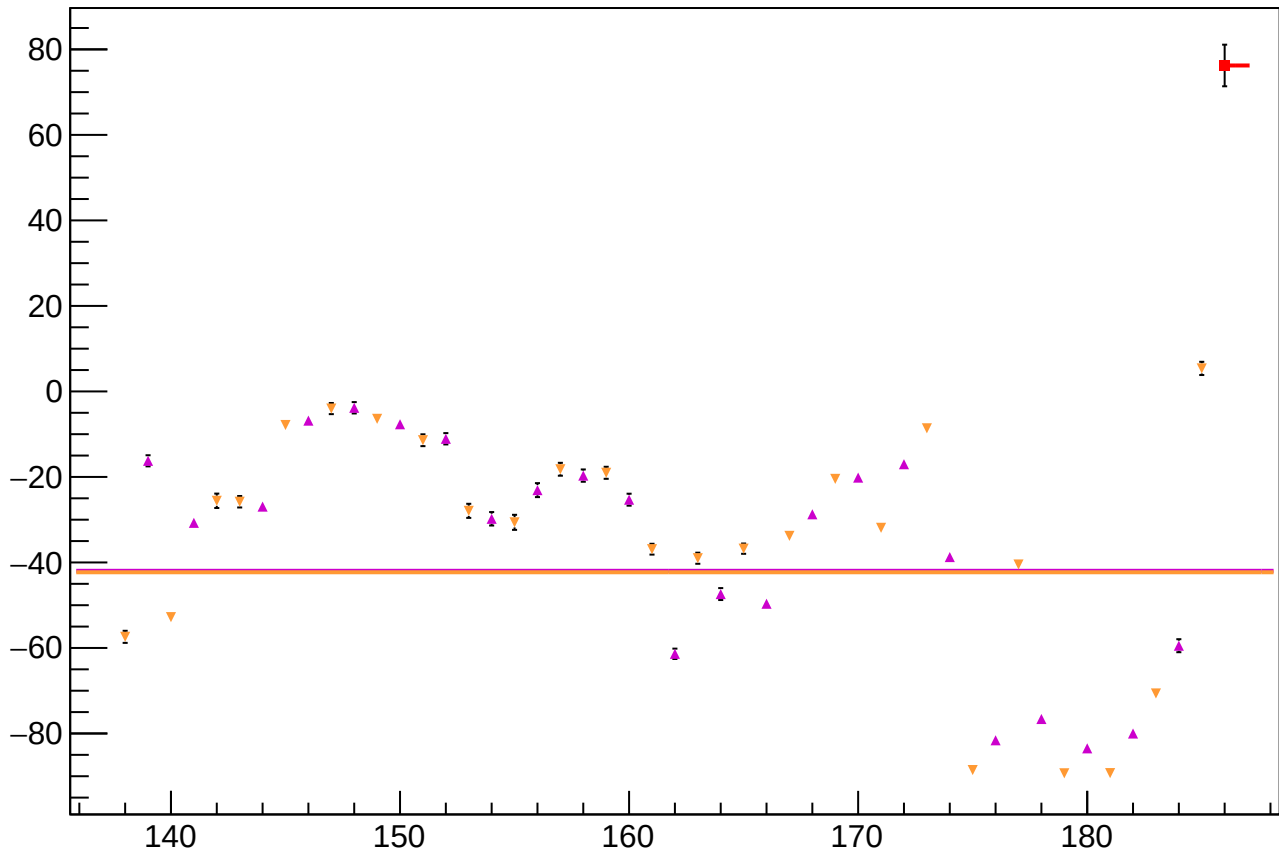
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ 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

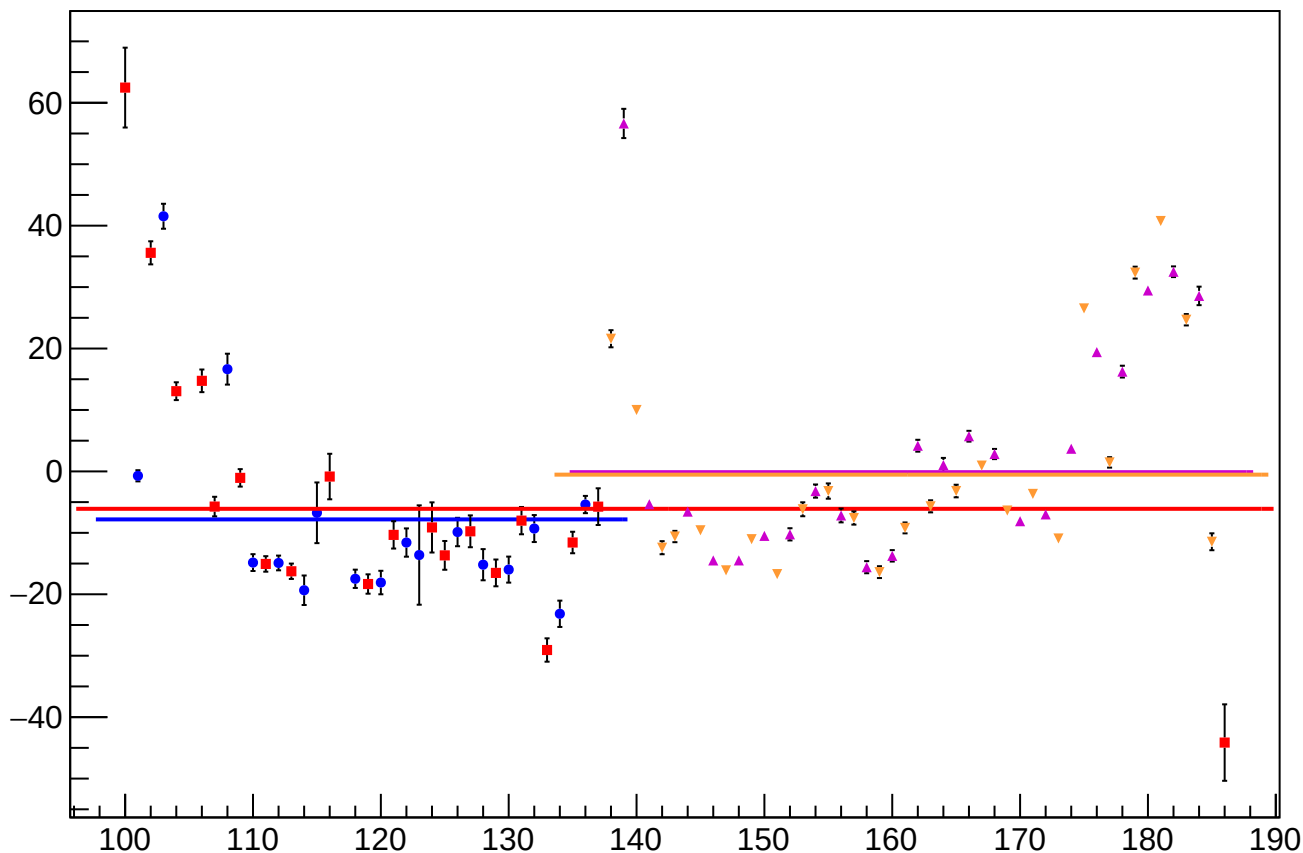
Left In: -41.955 $\pm$ 0.226 χ^2 /NDF:14723.4/22

+ 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

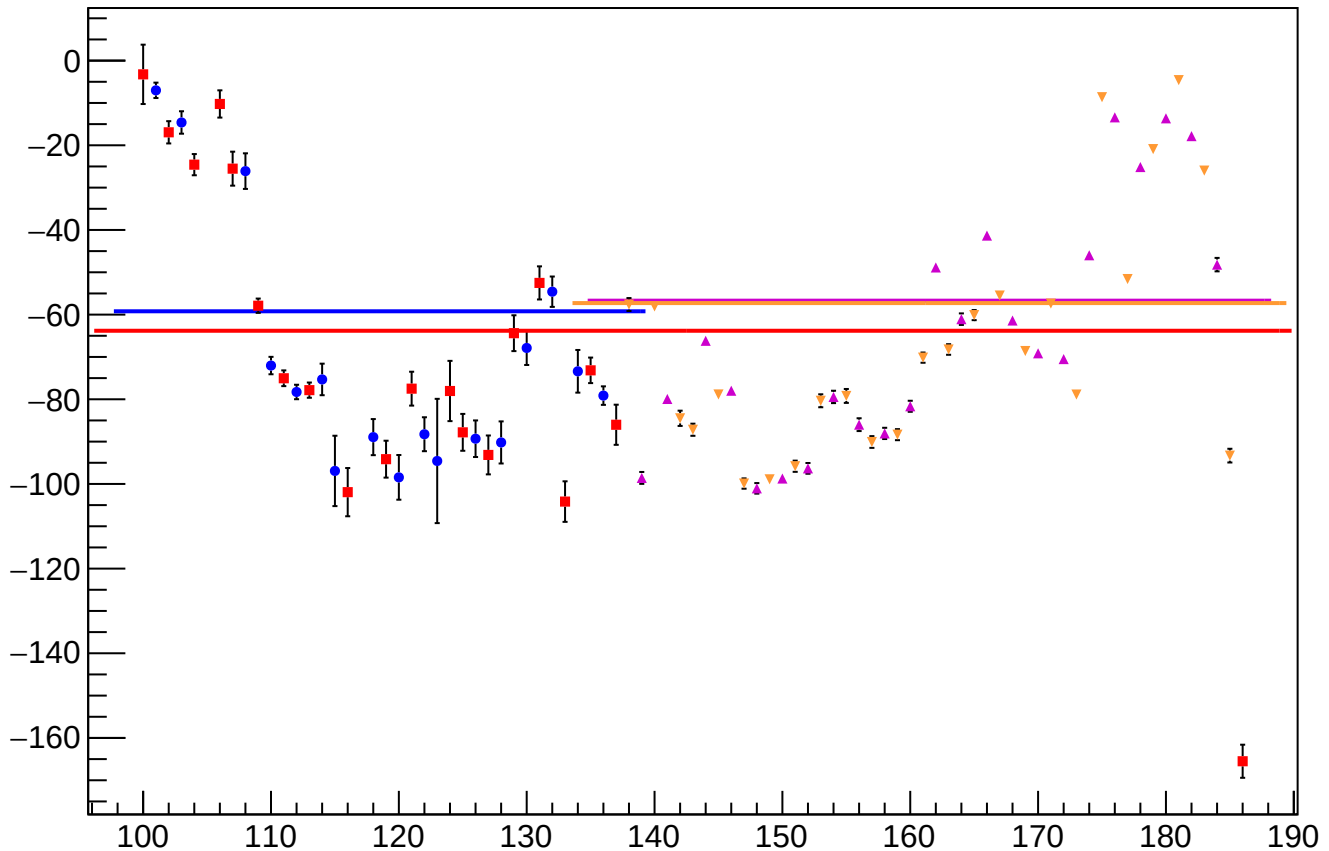
Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

+ 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 $\chi^2/\text{NDF}: 1720.4/16$

Left Out: -57.276 ± 0.224 $\chi^2/\text{NDF}: 18511.1/24$

Right Out: -63.812 ± 0.693 $\chi^2/\text{NDF}: 2082.5/19$

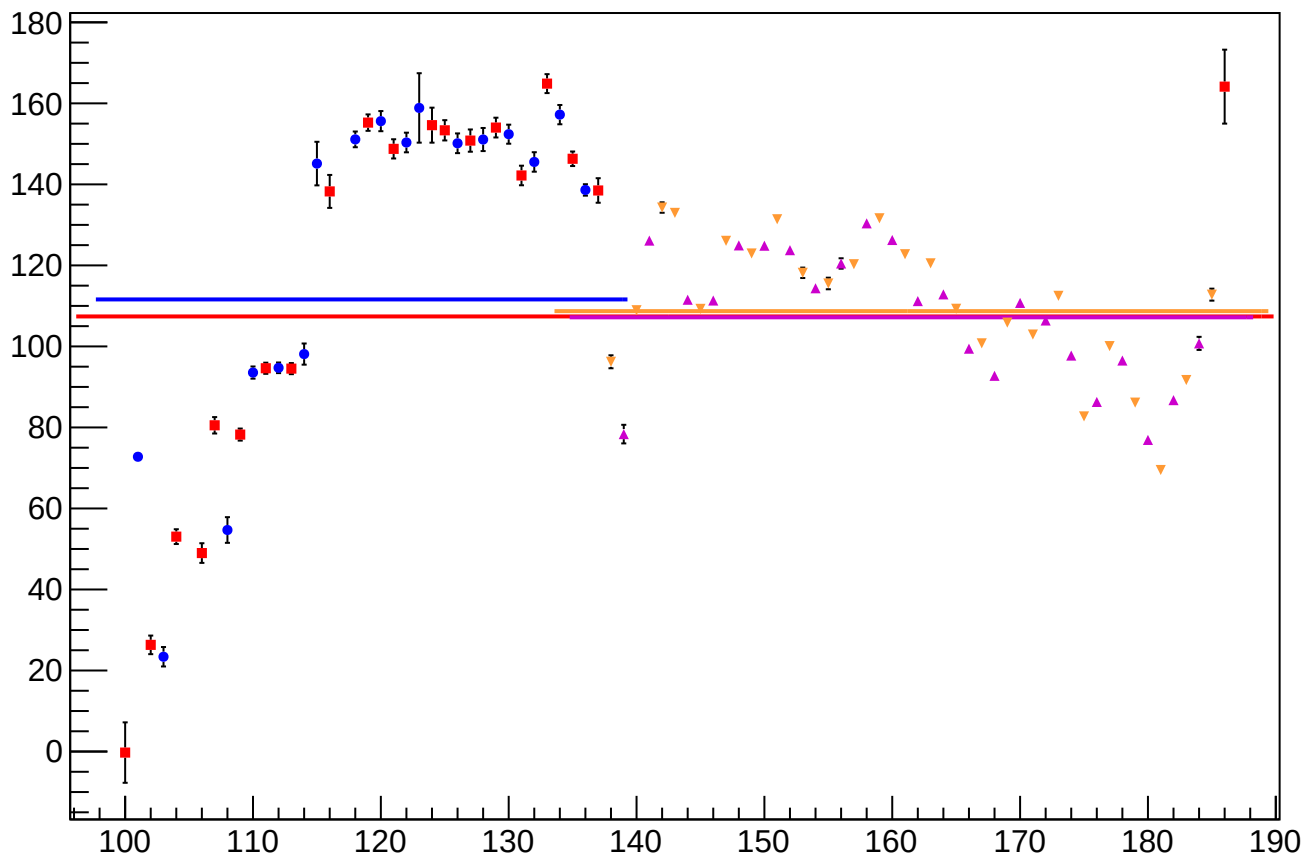
Left In: -56.705 ± 0.226 $\chi^2/\text{NDF}: 16547.5/22$

+ sign -57.436 ± 0.214 $\chi^2/\text{NDF}: 20237.8/41$

All: -57.412 ± 0.152 $\chi^2/\text{NDF}: 38962.9/84$

- sign -57.388 ± 0.215 $\chi^2/\text{NDF}: 18725.1/42$

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

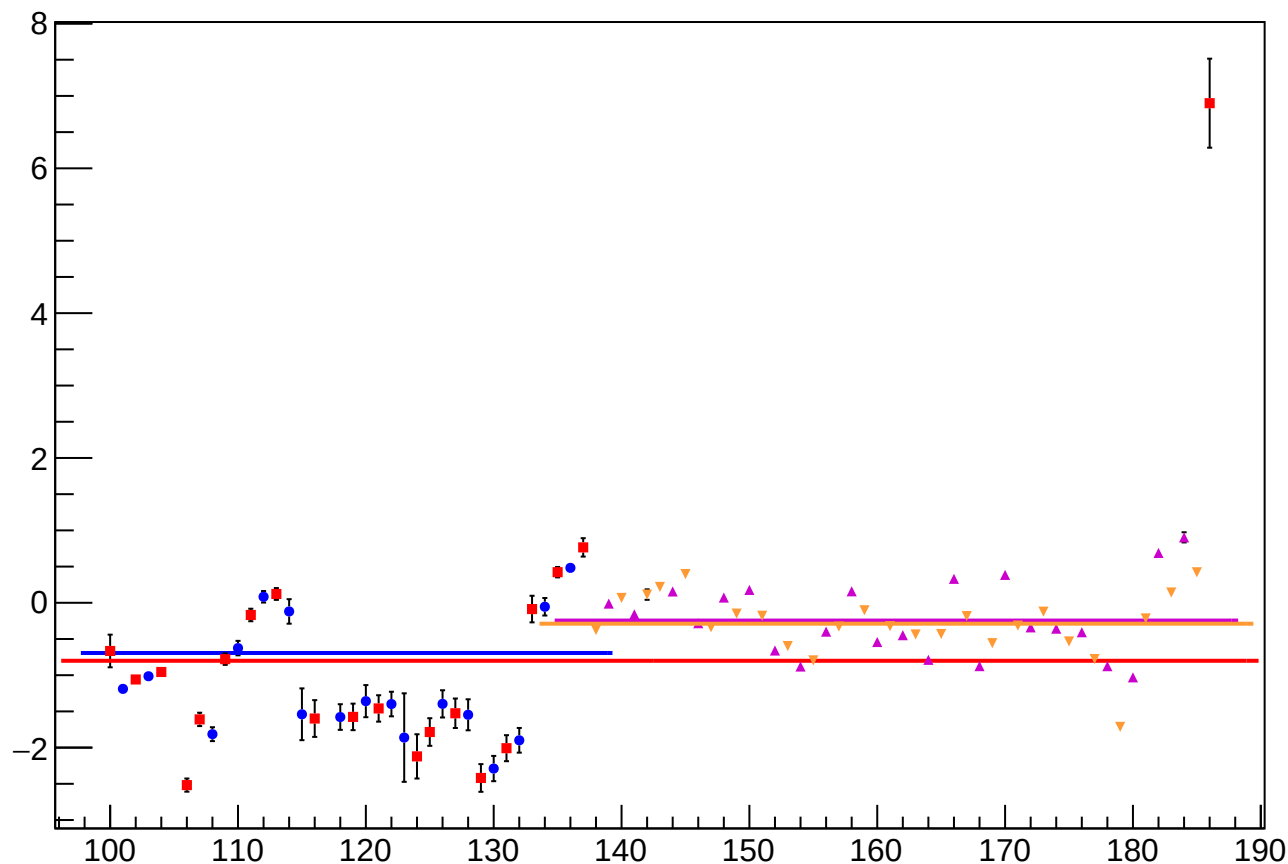
Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

+ 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

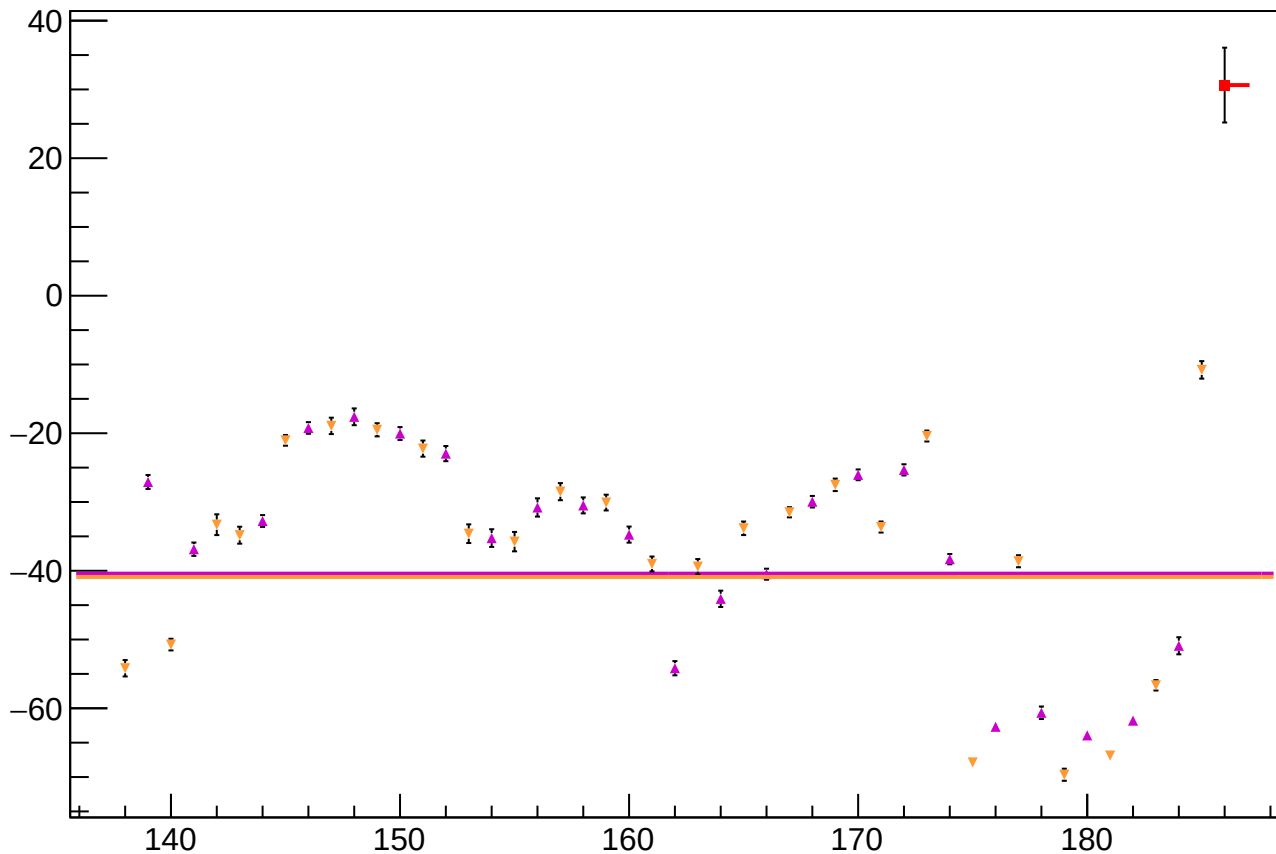
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ 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 χ^2/NDF : 0.0/0

Left Out: -40.897 ± 0.186 χ^2/NDF : 9114.7/24

Right Out: 30.633 ± 5.441 χ^2/NDF : 0.0/0

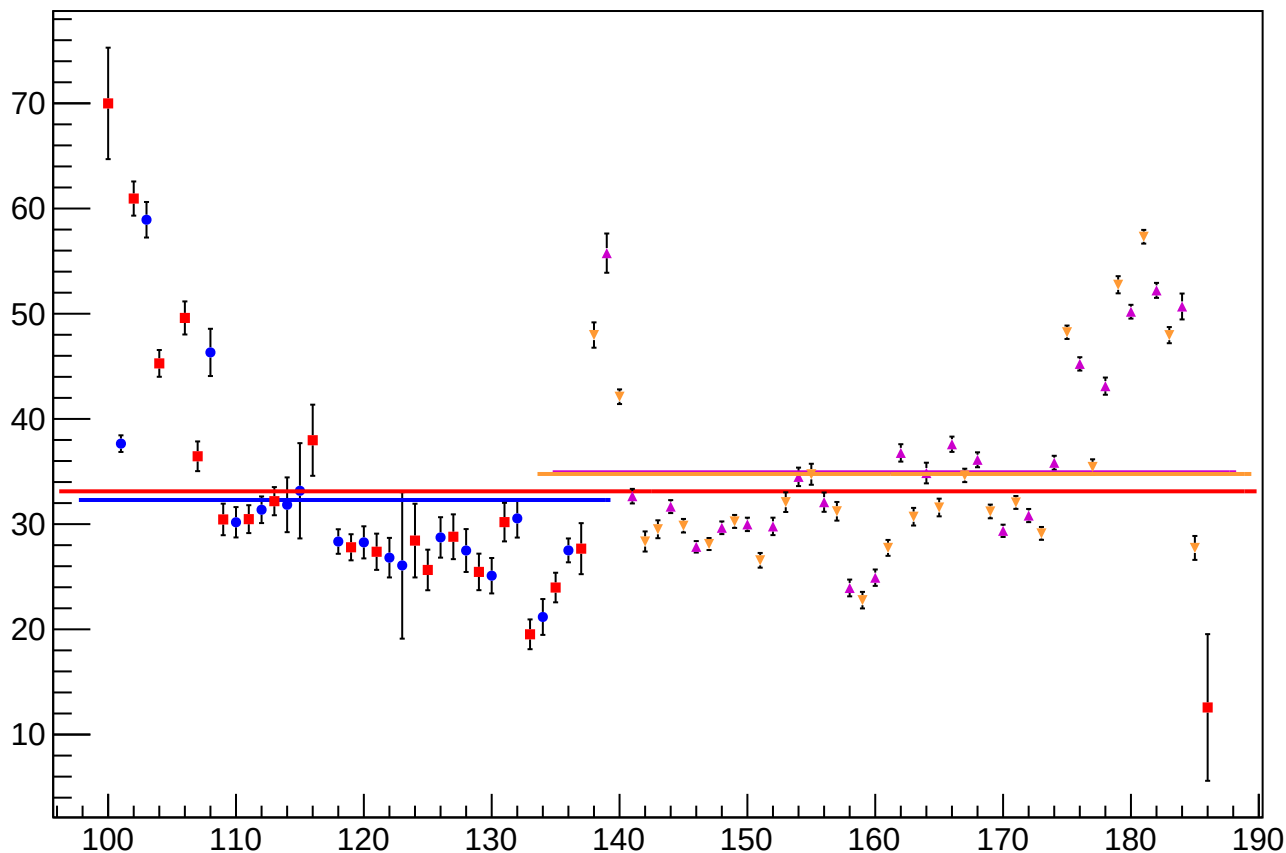
Left In: -40.422 ± 0.189 χ^2/NDF : 7030.2/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.620 ± 0.133 χ^2/NDF : 16319.7/48

- sign -40.336 ± 0.189 χ^2/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

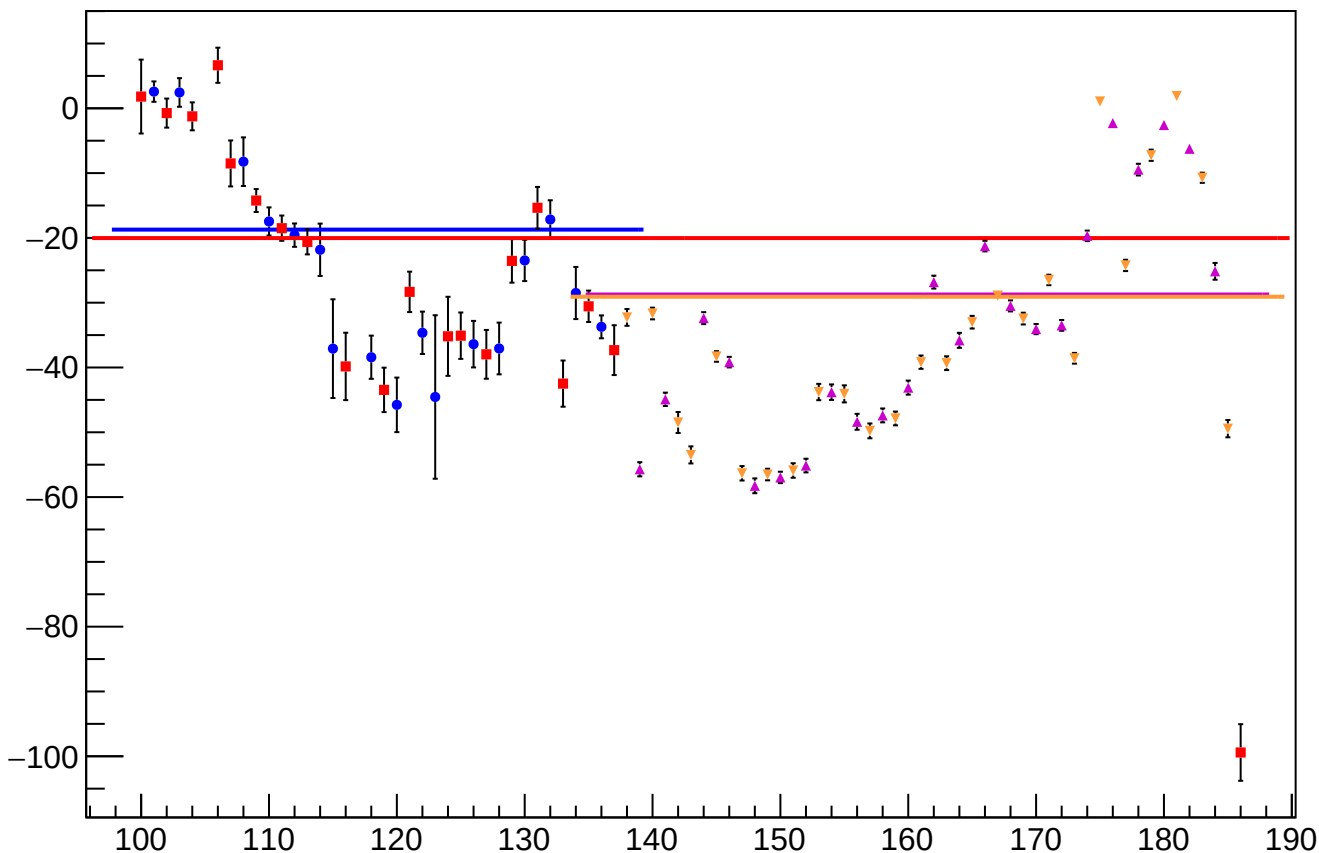
Left In: 34.928 ± 0.151 χ^2/NDF : 2688.4/22

+ 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 $\chi^2/\text{NDF}: 519.6/16$

Left Out: -29.080 ± 0.187 $\chi^2/\text{NDF}: 10059.5/24$

Right Out: -20.028 ± 0.637 $\chi^2/\text{NDF}: 809.9/19$

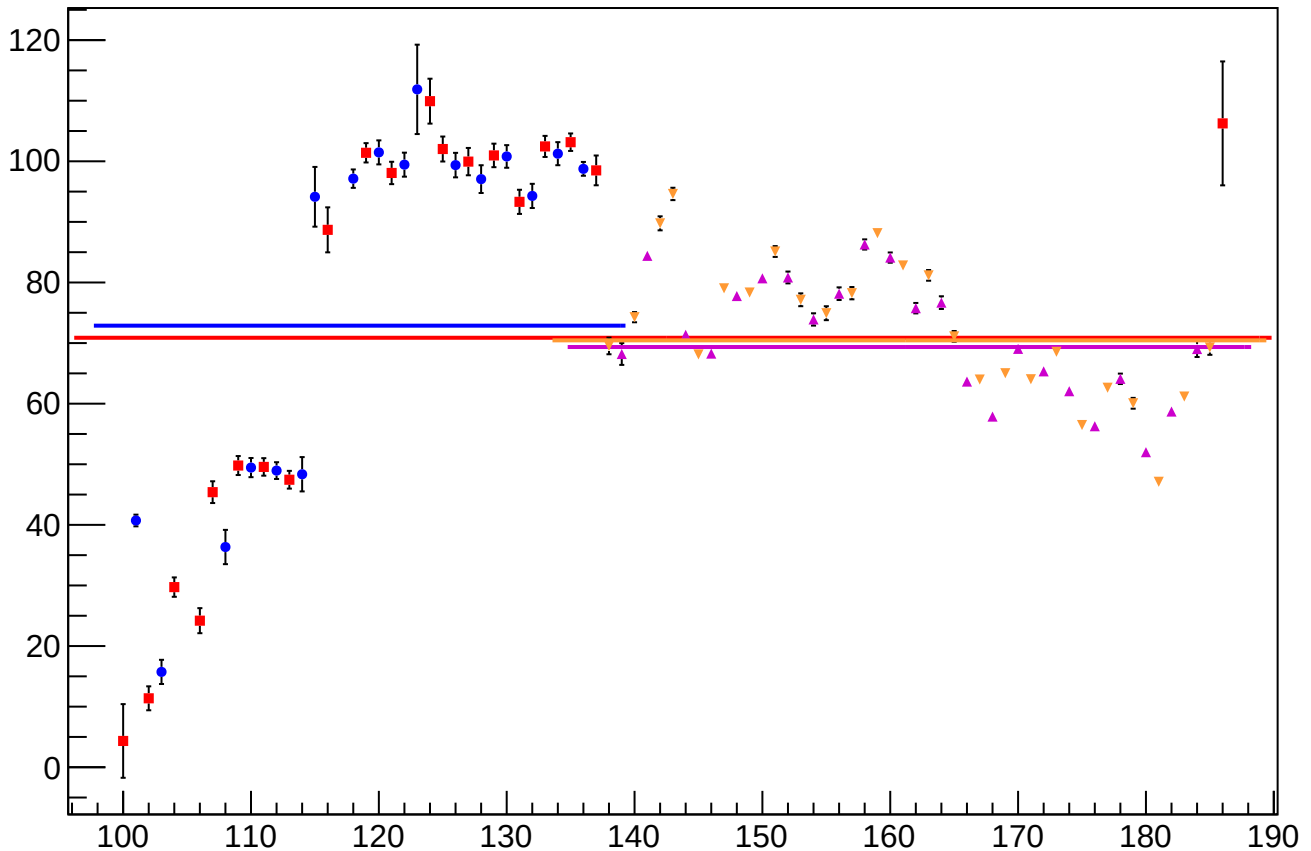
Left In: -28.735 ± 0.189 $\chi^2/\text{NDF}: 9155.5/22$

+ sign -28.320 ± 0.180 $\chi^2/\text{NDF}: 10803.7/41$

All: -28.176 ± 0.128 $\chi^2/\text{NDF}: 20942.3/84$

- sign -28.031 ± 0.181 $\chi^2/\text{NDF}: 10137.3/42$

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

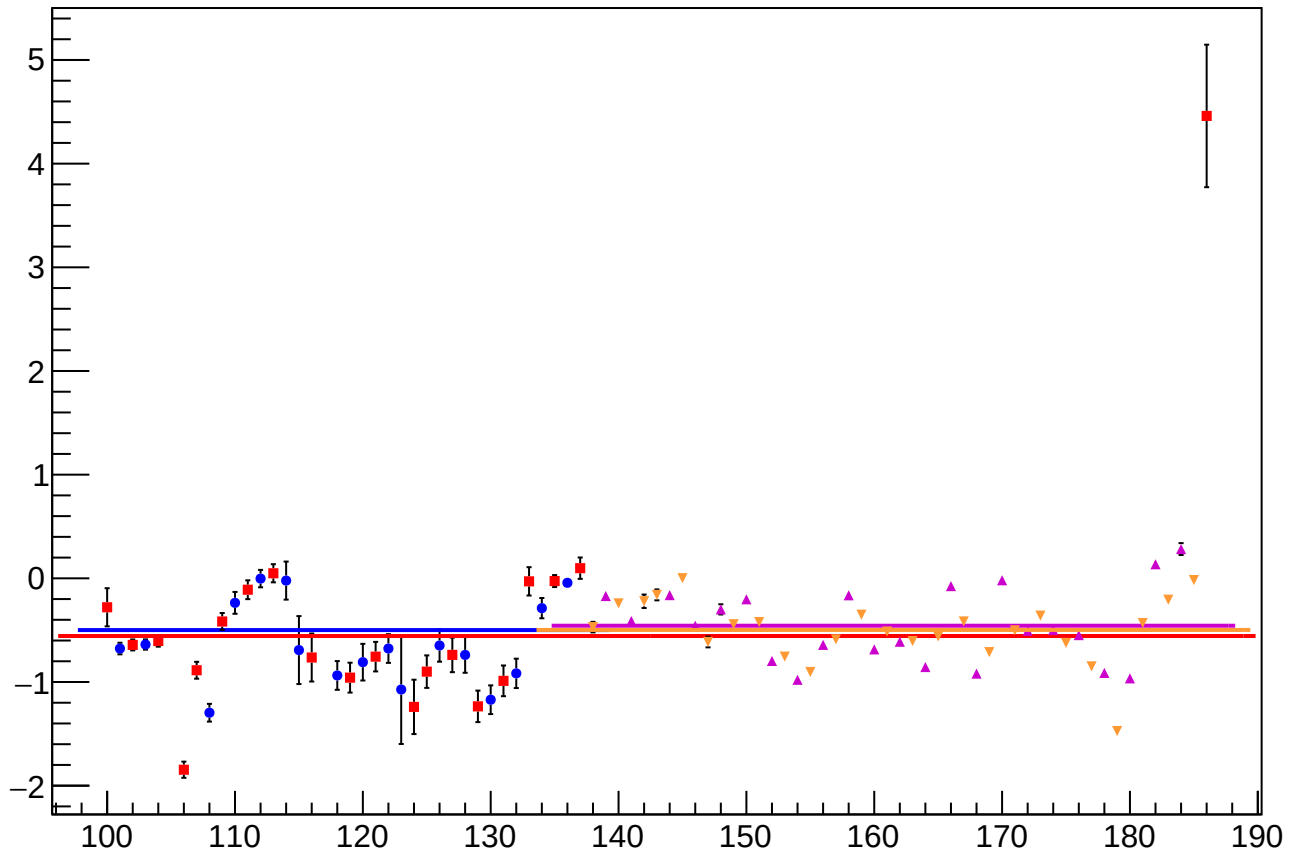
Left In: 69.350 $\pm$ 0.170 χ^2 /NDF: 3330.7/22

+ 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

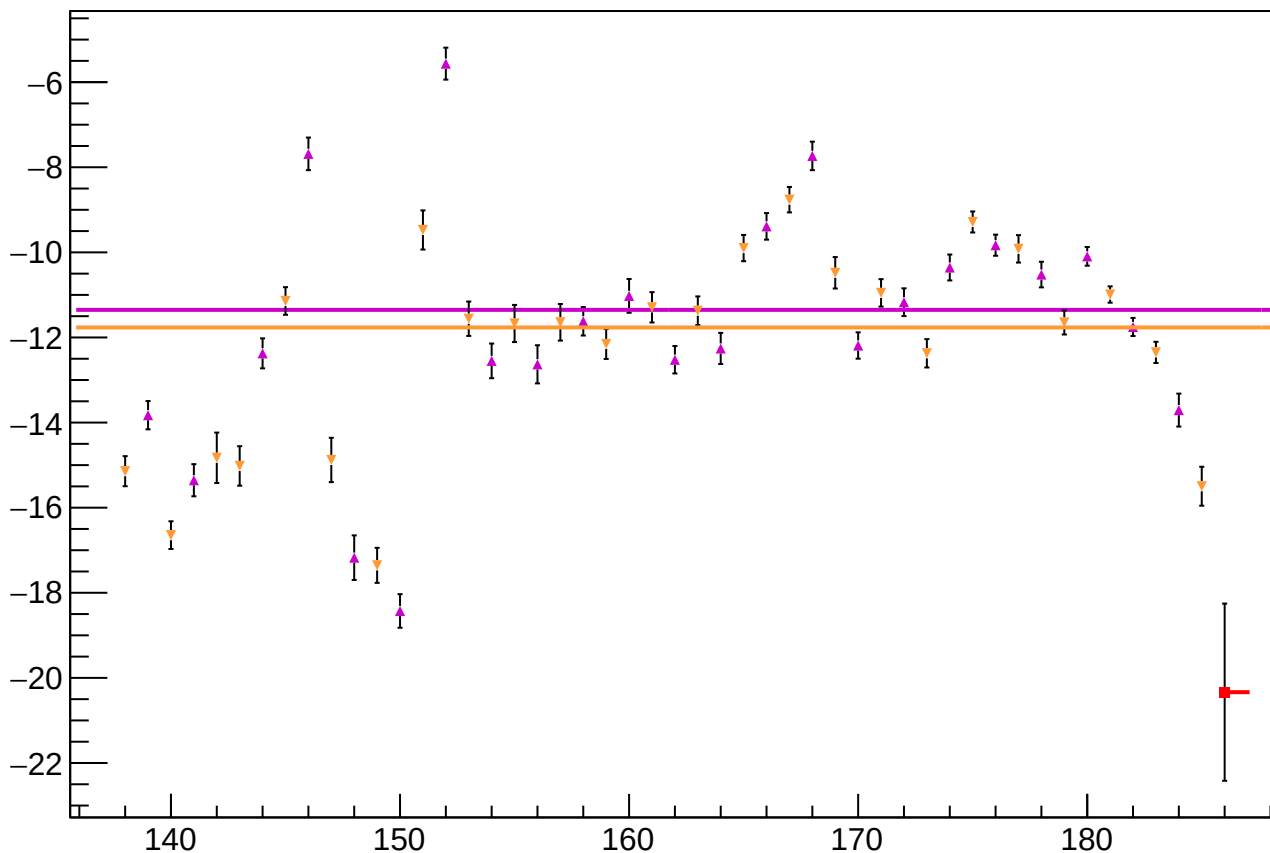
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ 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

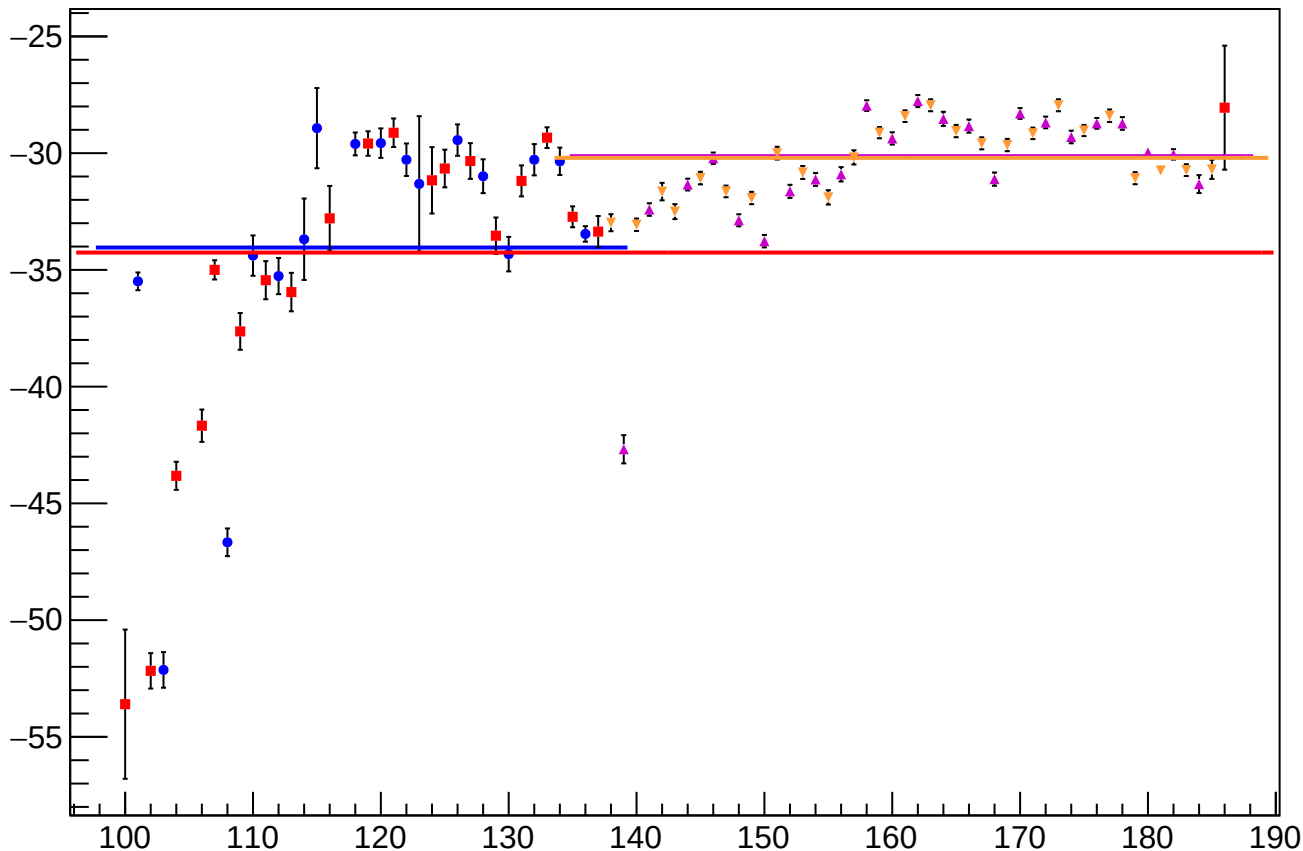
Left In: -11.352 $\pm$ 0.068 χ^2 /NDF:1280.6/22

+ 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

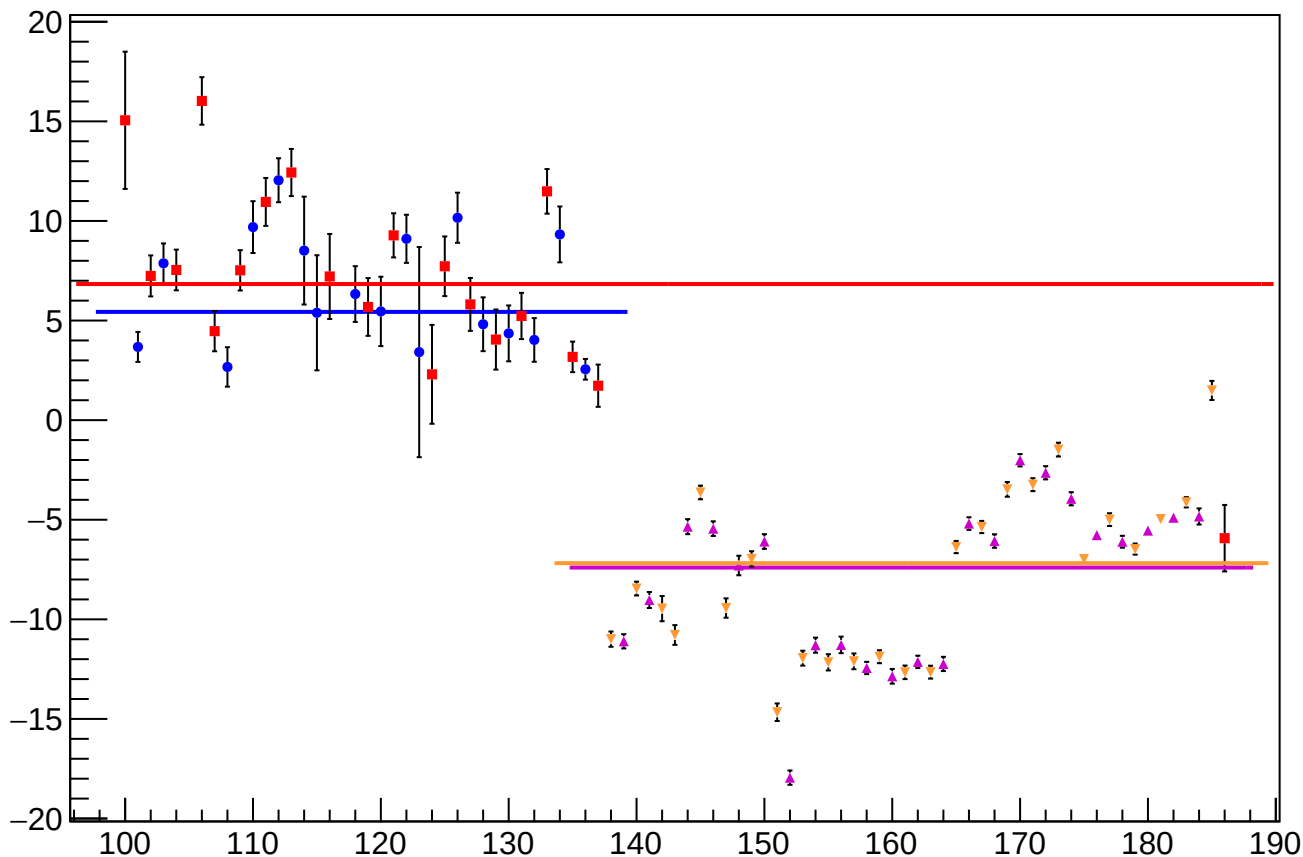
Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

+ 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

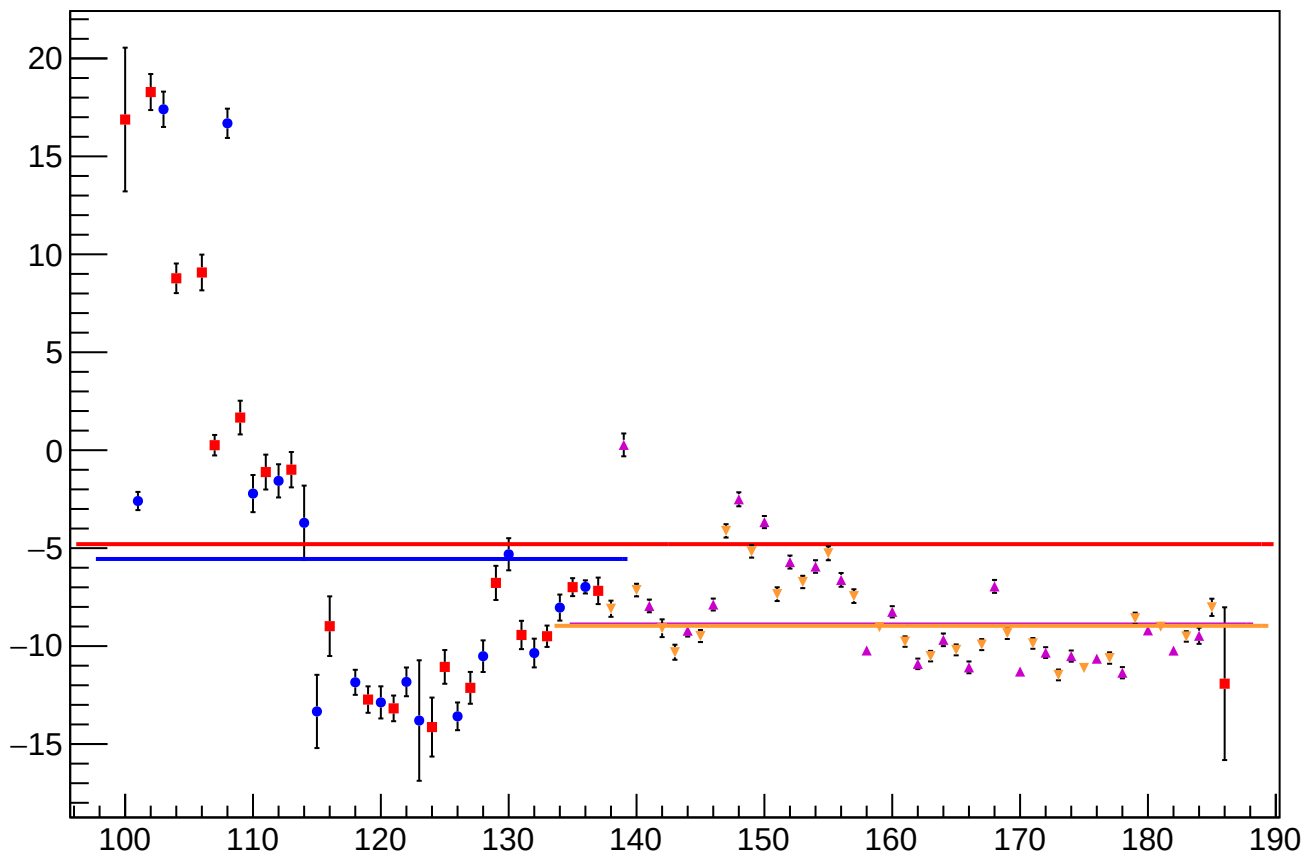
Left In: -7.400 $\pm$ 0.068 χ^2 /NDF:3134.9/22

+ 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

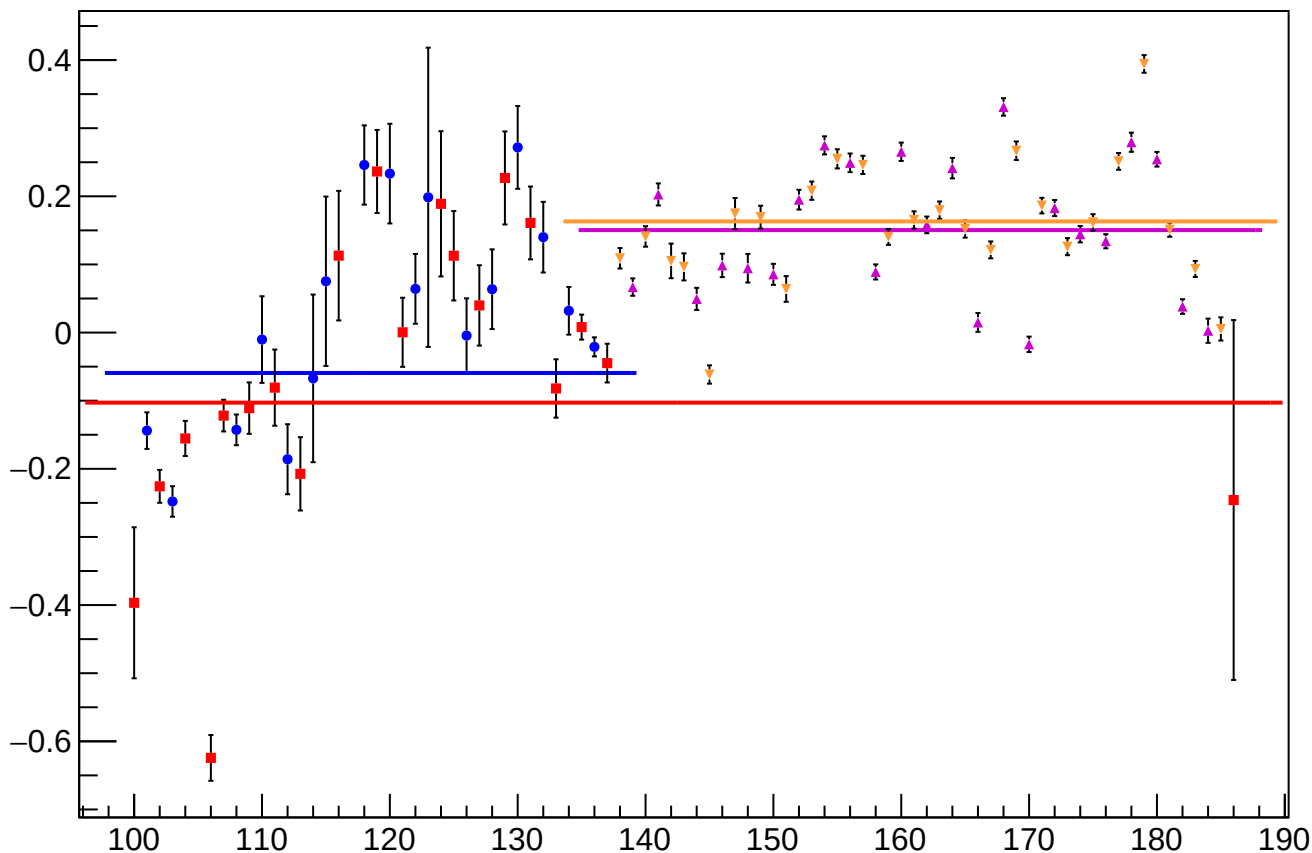
Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

+ 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

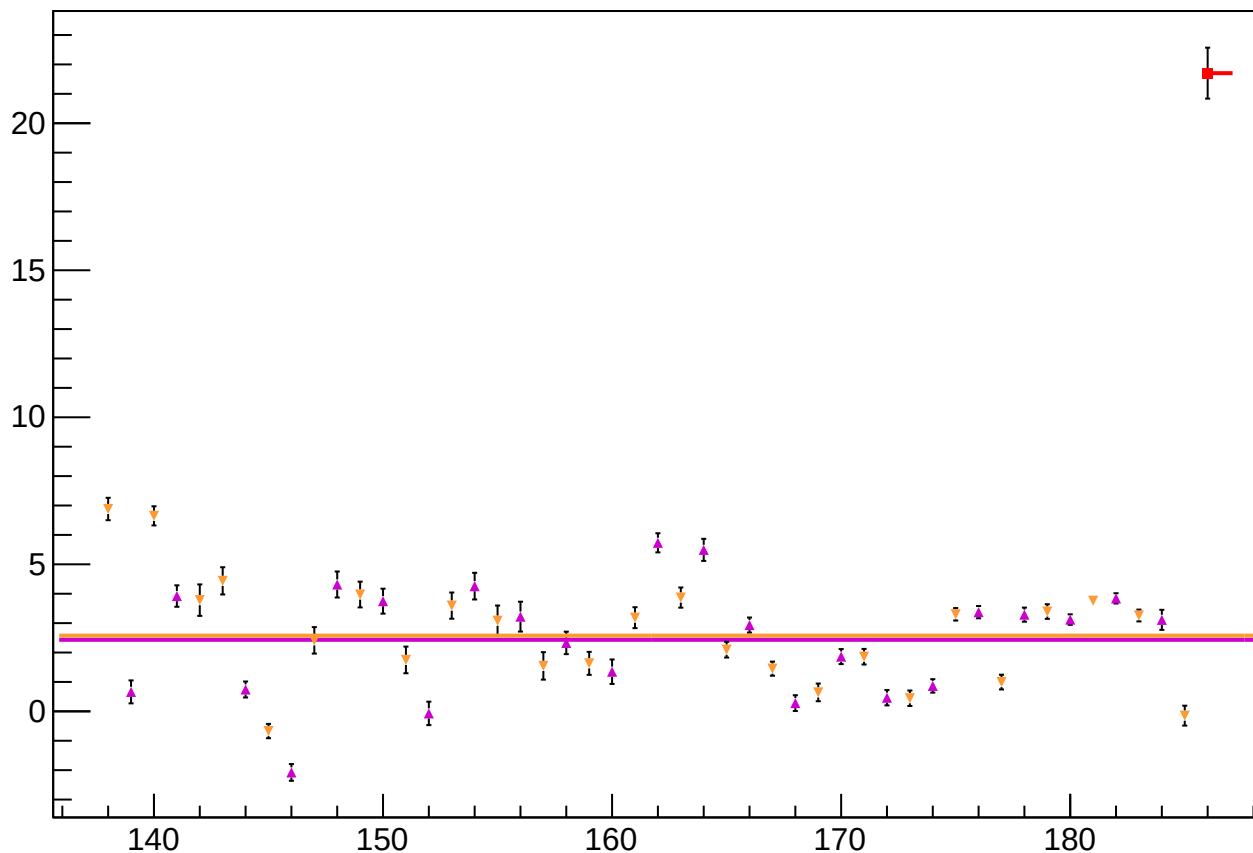
Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

+ 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

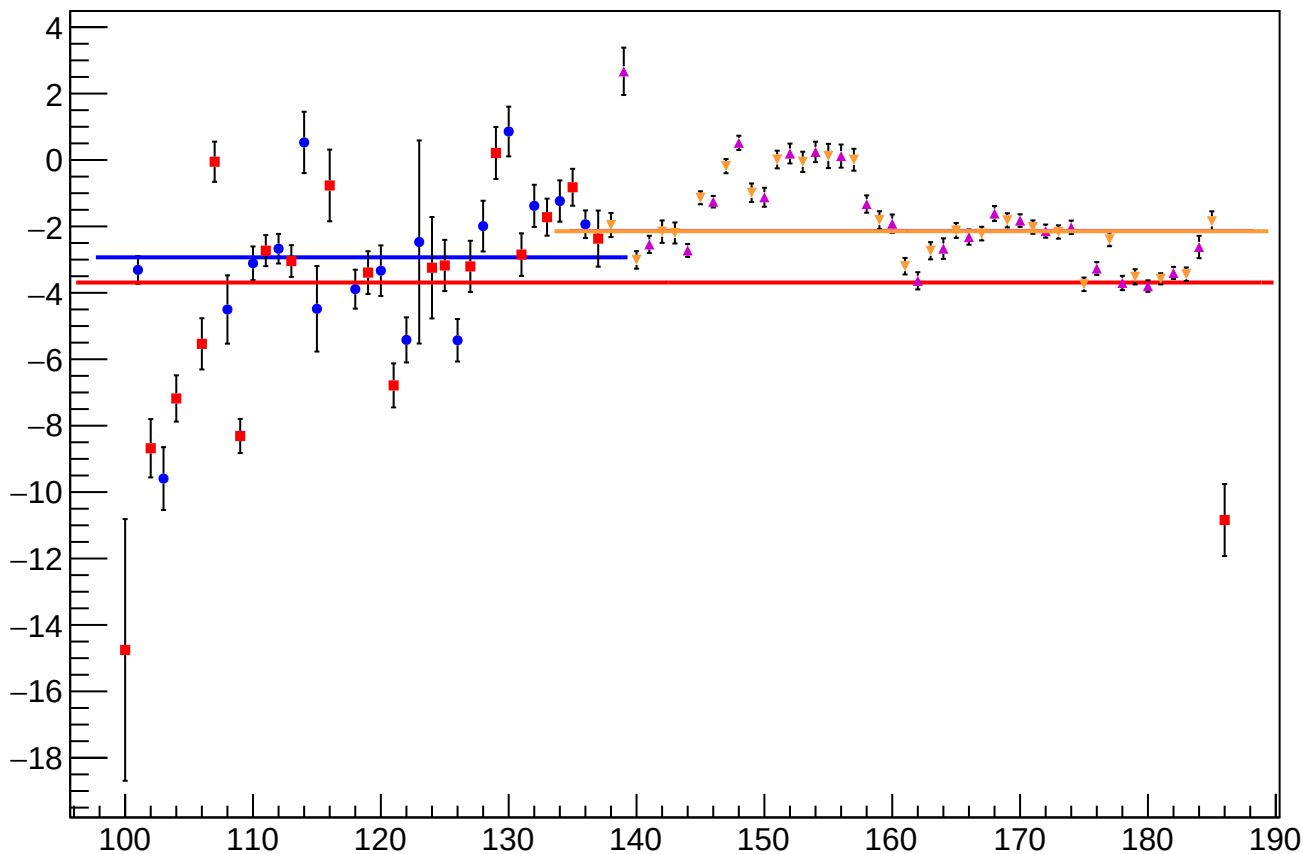
Left In: 2.433 $\pm$ 0.059 χ^2 /NDF:882.9/22

+ 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 $\chi^2/\text{NDF}: 146.5/16$

Left Out: -2.145 ± 0.048 $\chi^2/\text{NDF}: 572.6/24$

Right Out: -3.690 ± 0.153 $\chi^2/\text{NDF}: 336.1/19$

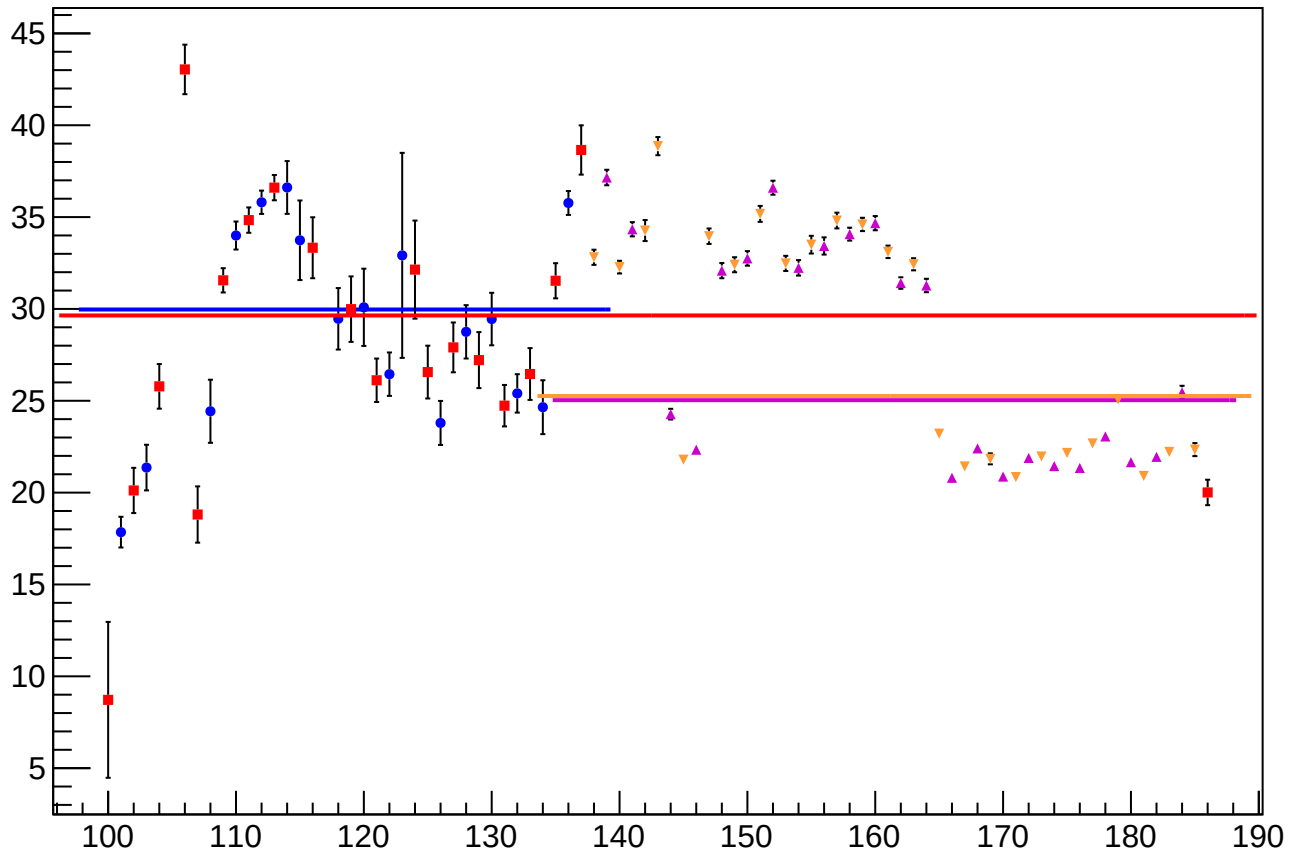
Left In: -2.137 ± 0.048 $\chi^2/\text{NDF}: 693.6/22$

+ sign -2.213 ± 0.046 $\chi^2/\text{NDF}: 742.9/41$

All: -2.245 ± 0.032 $\chi^2/\text{NDF}: 1867.1/84$

- sign -2.277 ± 0.046 $\chi^2/\text{NDF}: 1123.2/42$

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

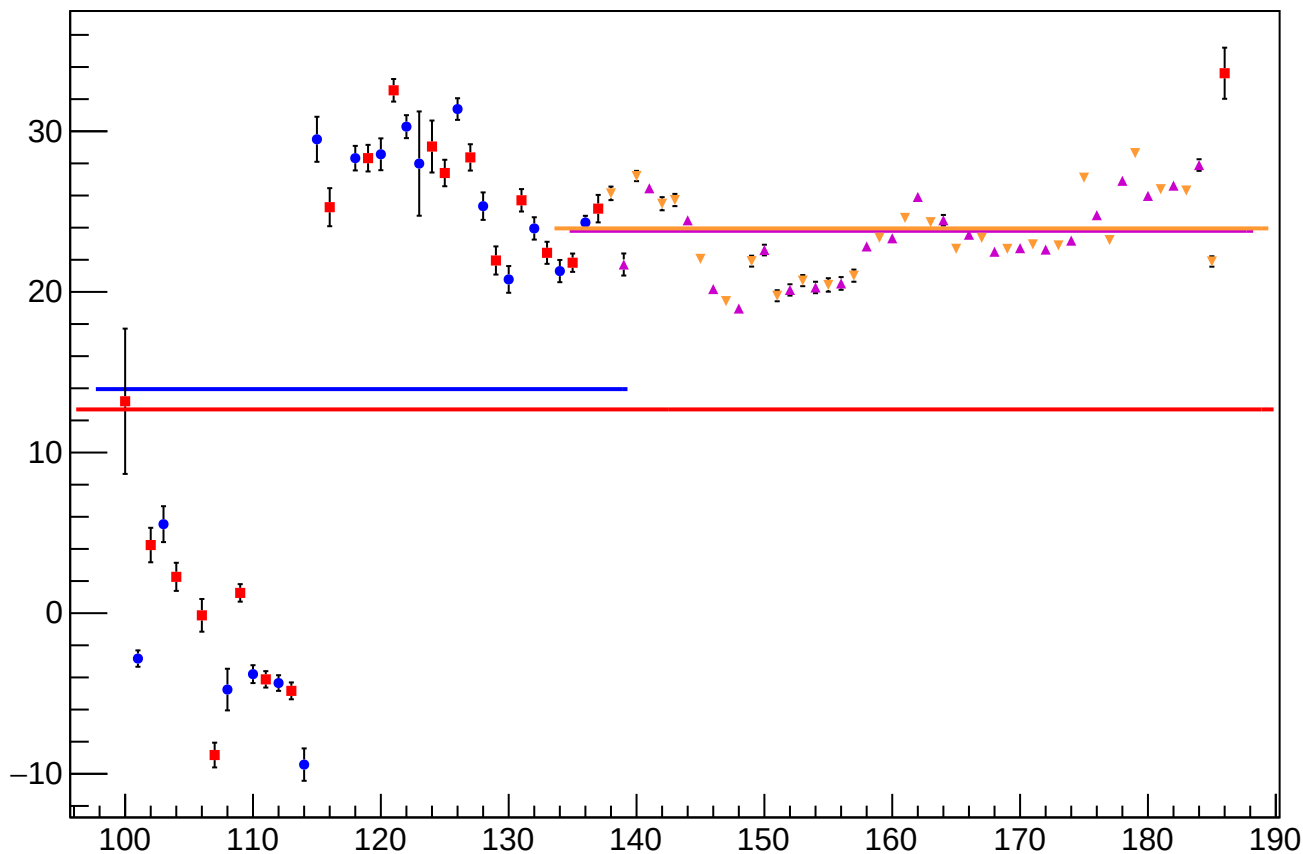
Left In: 25.034 $\pm$ 0.059 χ^2 /NDF:7690.0/22

+ 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

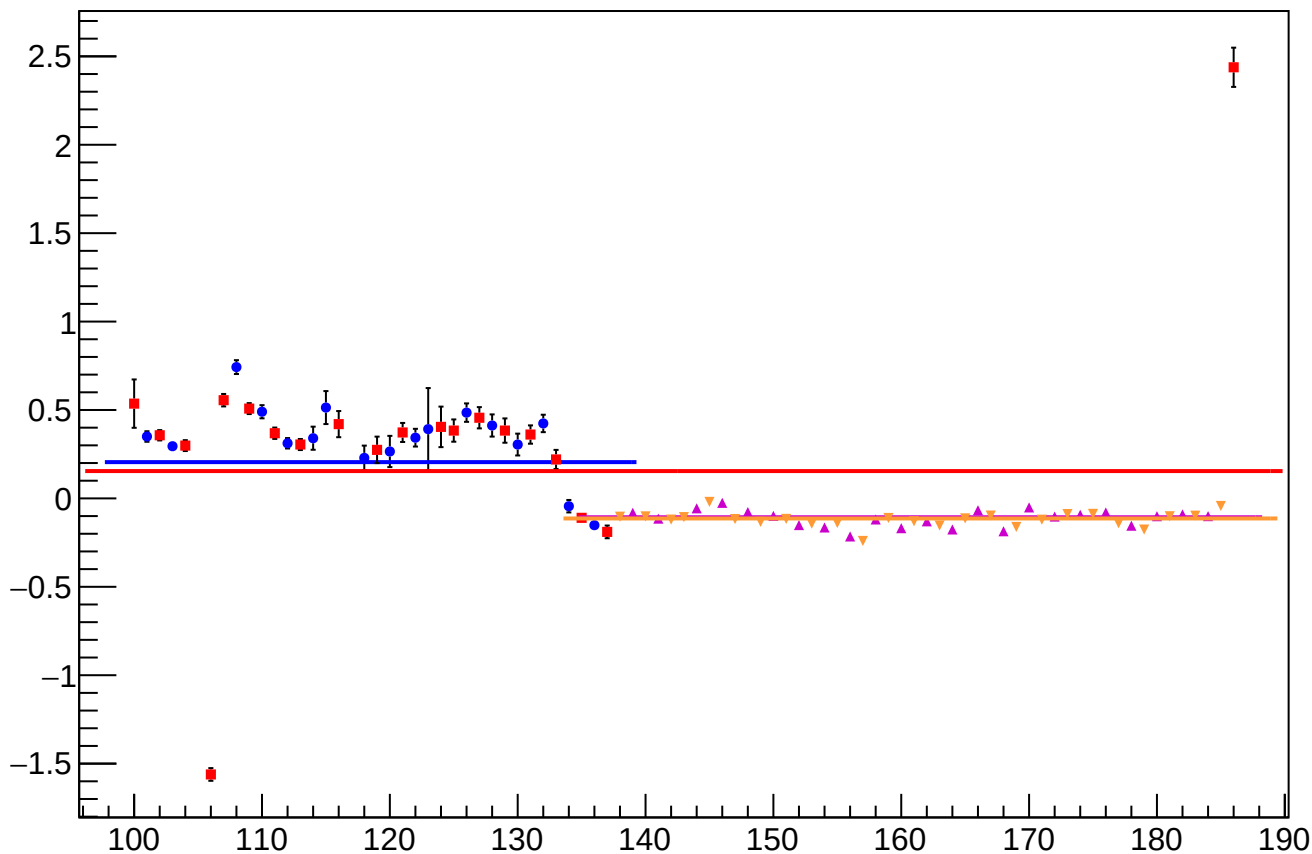
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ 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

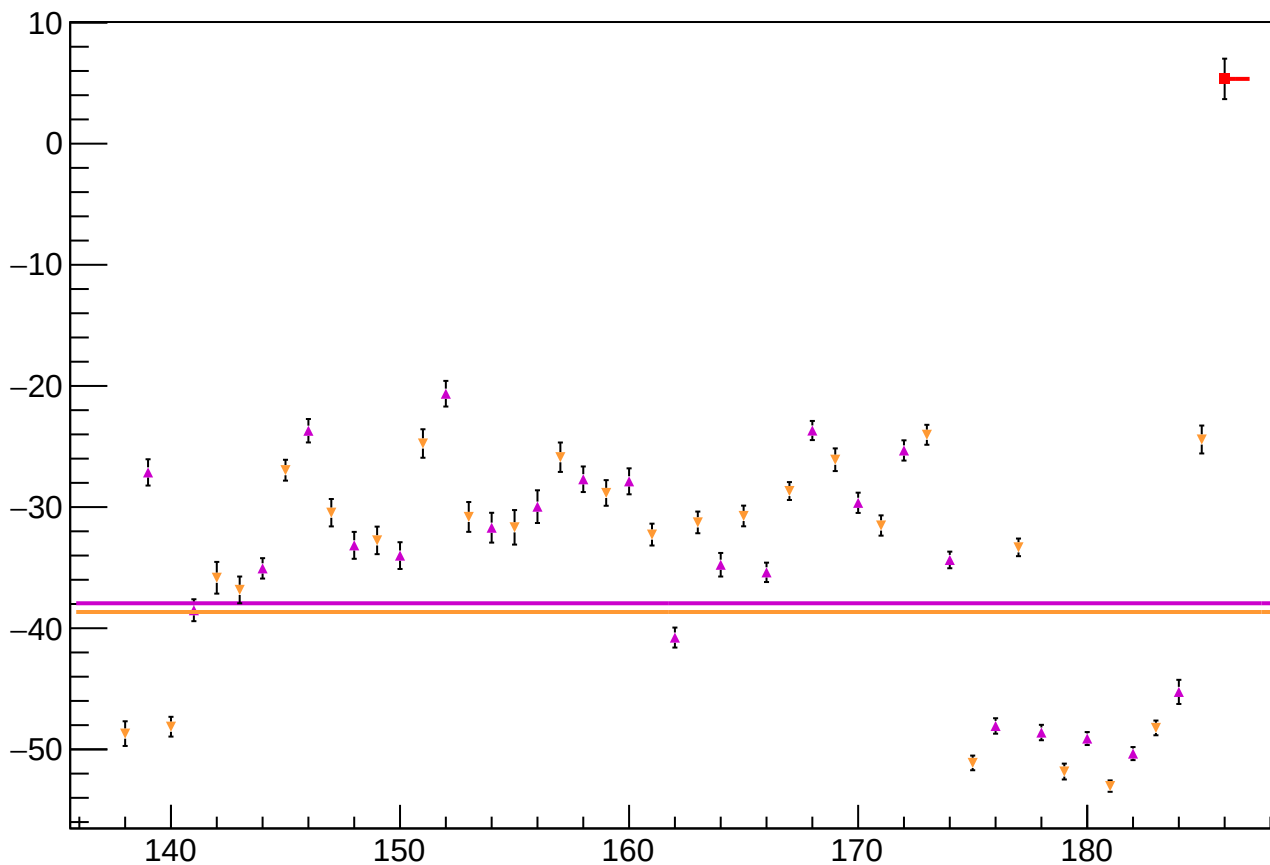
Left In: -0.107 $\pm$ 0.002 χ^2 /NDF: 322.0/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -38.660 $\pm$ 0.169 χ^2 /NDF: 4073.8/24

Right Out: 5.346 $\pm$ 1.669 χ^2 /NDF: 0.0/0

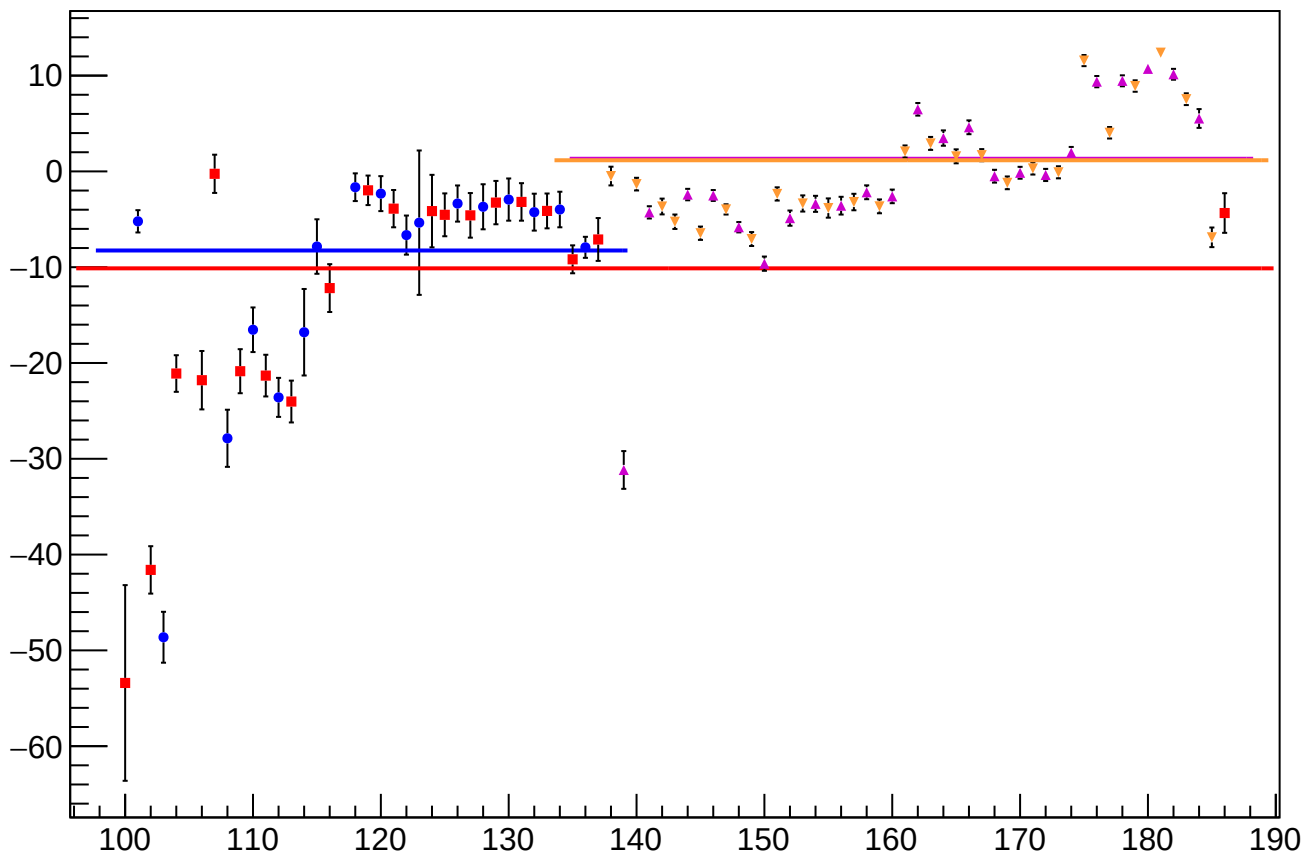
Left In: -37.939 $\pm$ 0.173 χ^2 /NDF: 3133.2/22

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

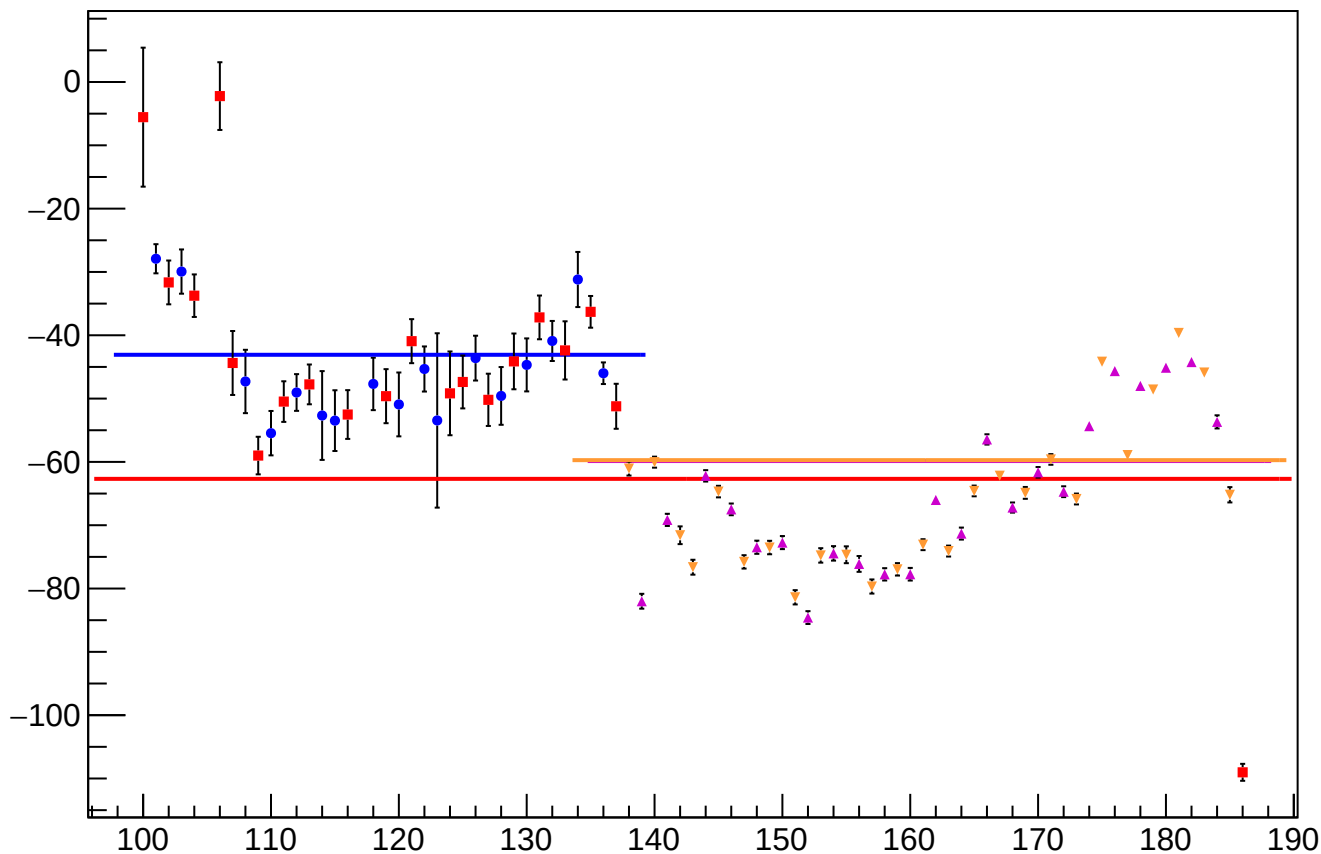
All: -38.079 $\pm$ 0.121 χ^2 /NDF: 7896.4/48

- sign -37.482 $\pm$ 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 $\chi^2/\text{NDF}: 1855.0/19$

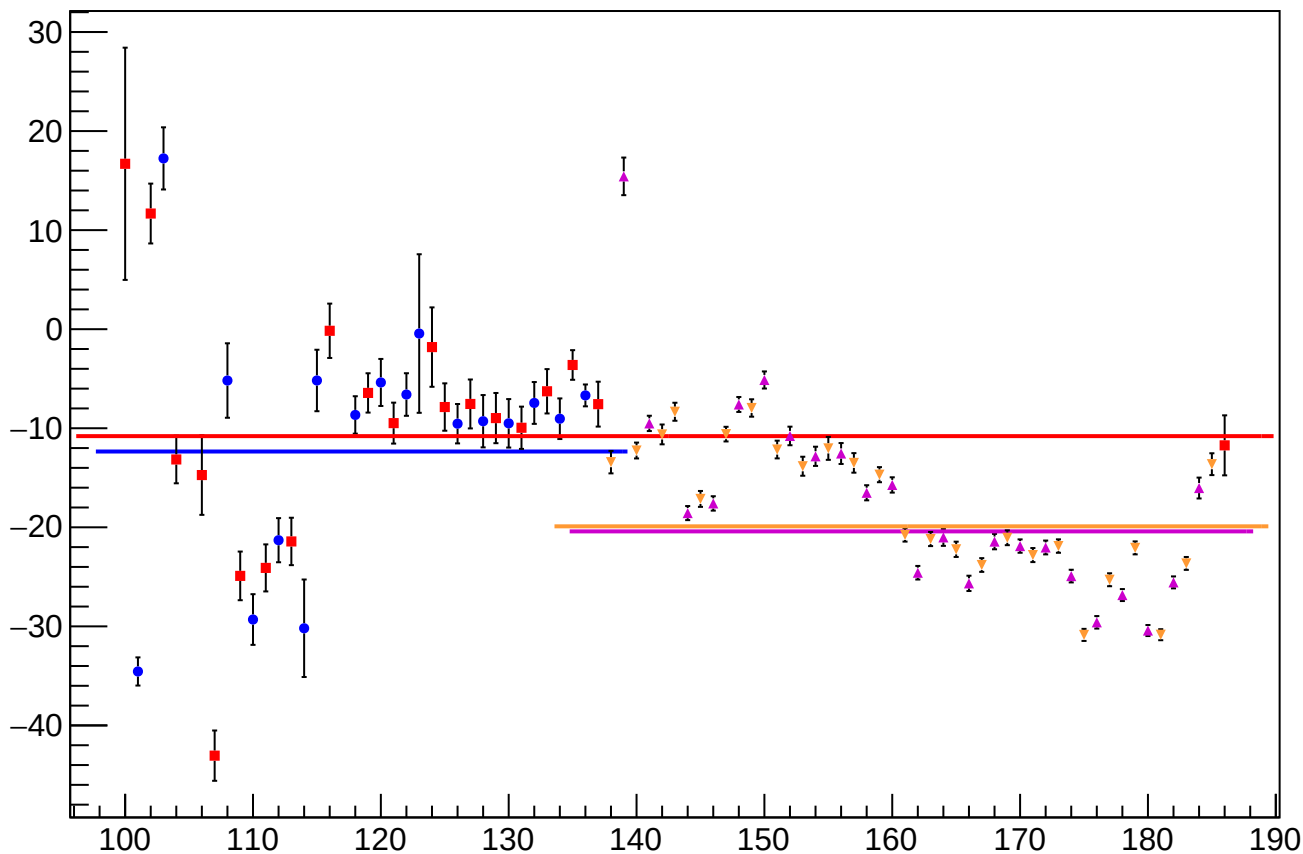
Left In: -59.864 ± 0.173 $\chi^2/\text{NDF}: 5275.1/22$

+ 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 χ^2/NDF : 475.9/16

Left Out: -19.902 ± 0.153 χ^2/NDF : 1904.7/24

Right Out: -10.796 ± 0.545 χ^2/NDF : 366.7/19

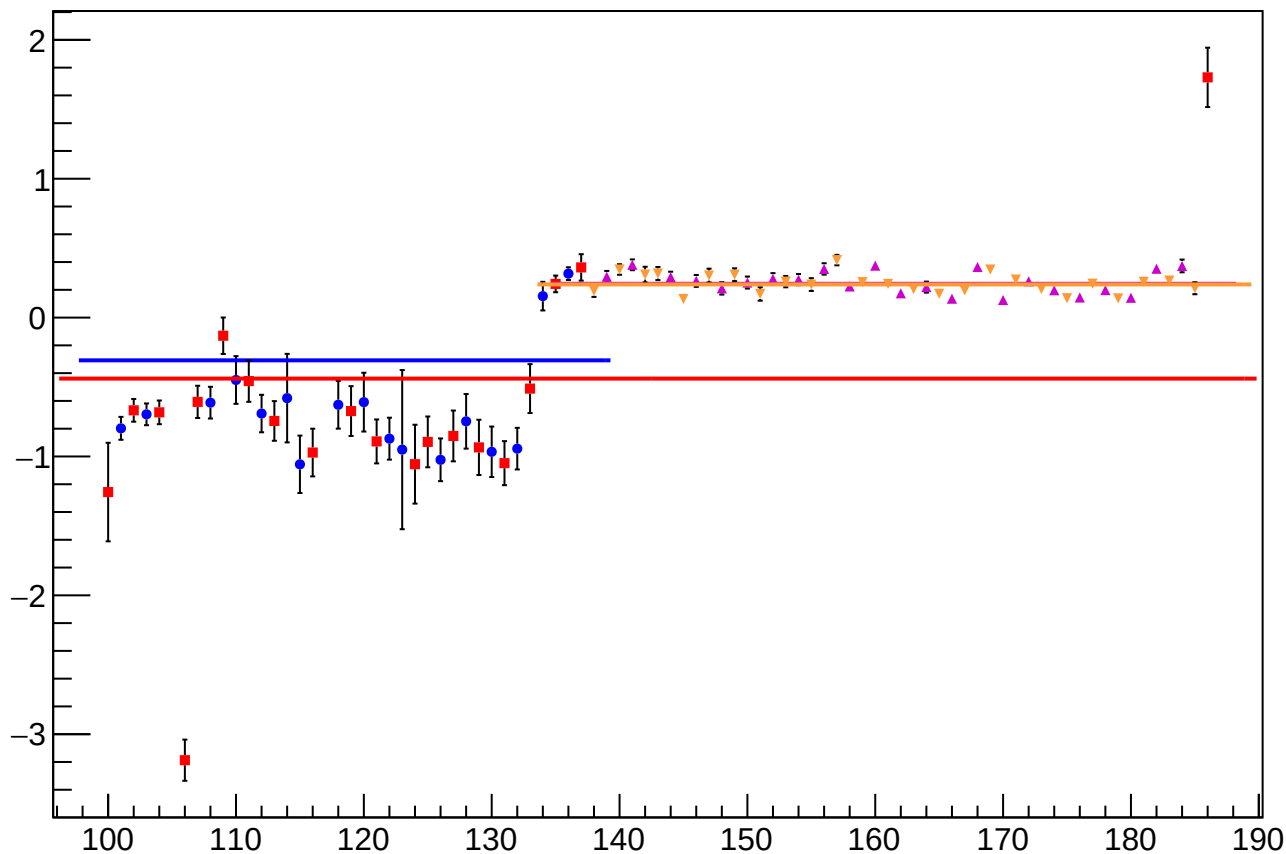
Left In: -20.412 ± 0.156 χ^2/NDF : 2345.4/22

+ sign -19.299 ± 0.147 χ^2/NDF : 2575.0/41

All: -19.486 ± 0.105 χ^2/NDF : 5578.6/84

- sign -19.681 ± 0.150 χ^2/NDF : 3000.2/42

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308 ± 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

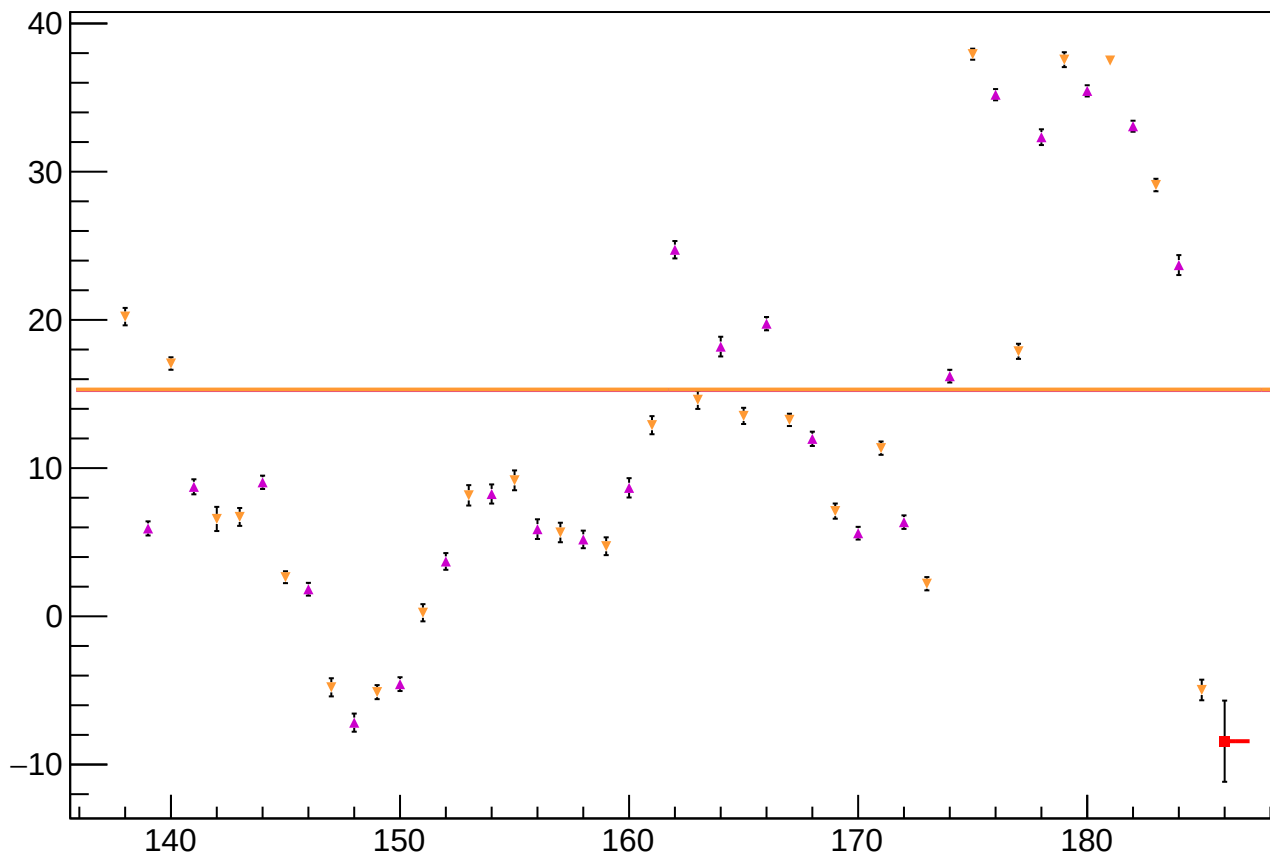
Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

+ 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

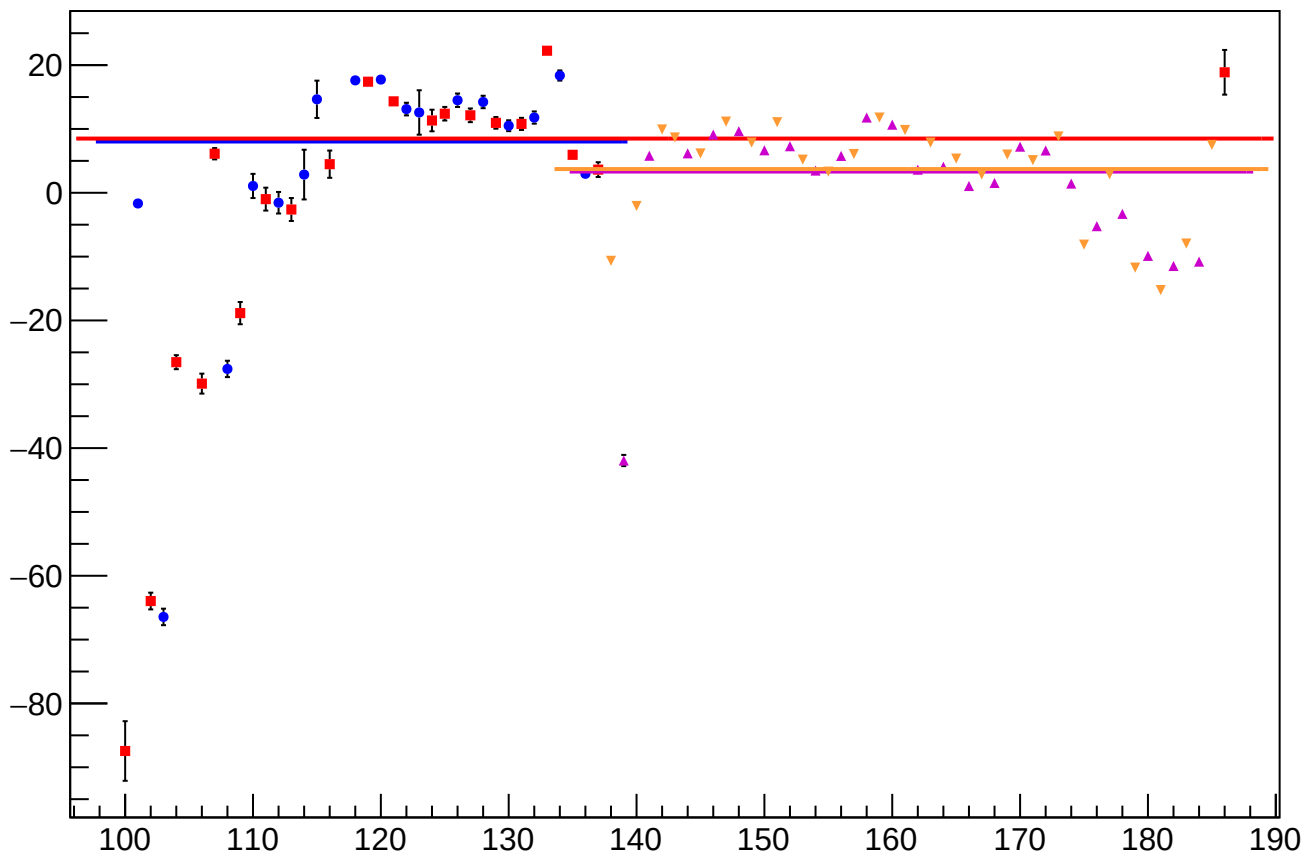
Left In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22

+ 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 ± 0.215 χ^2/NDF : 5369.4/16

Left Out: 3.717 ± 0.079 χ^2/NDF : 9201.0/24

Right Out: 8.493 ± 0.213 χ^2/NDF : 6713.2/19

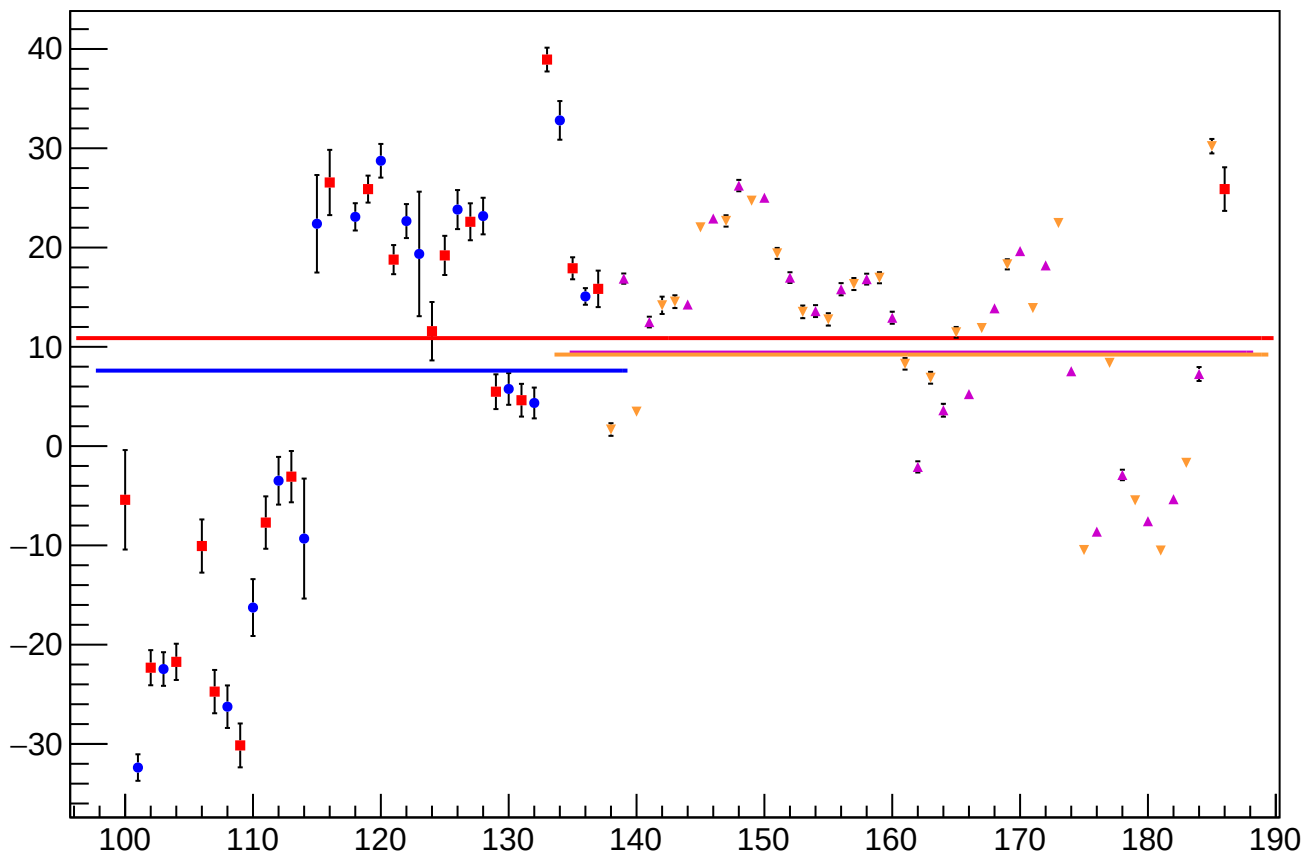
Left In: 3.327 ± 0.081 χ^2/NDF : 8830.5/22

+ sign 4.230 ± 0.074 χ^2/NDF : 14925.5/41

All: 4.107 ± 0.053 χ^2/NDF : 30988.9/84

- sign 3.979 ± 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

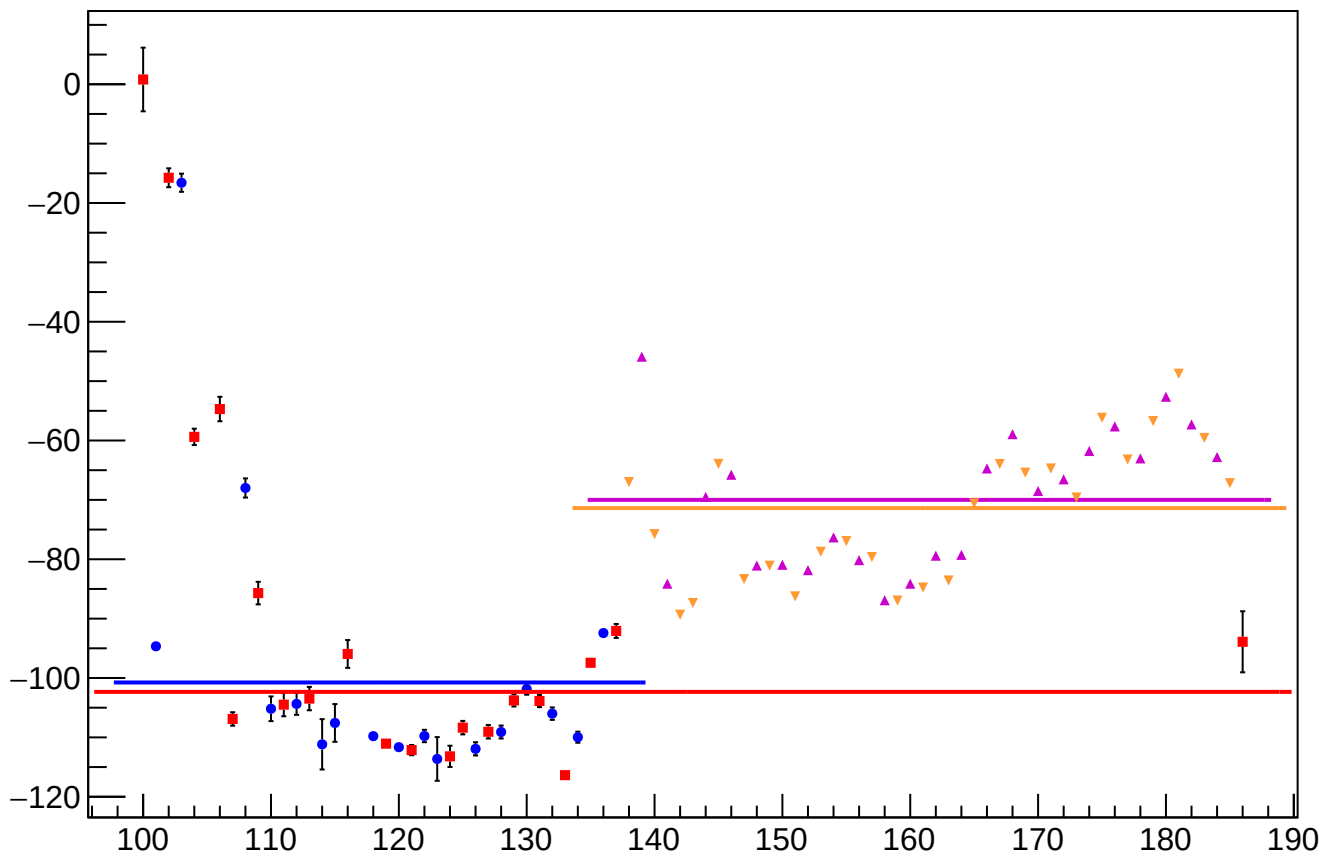
Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

+ 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 $\chi^2/\text{NDF}: 4522.6/16$

Left Out: -71.379 ± 0.089 $\chi^2/\text{NDF}: 16226.2/24$

Right Out: -102.335 ± 0.246 $\chi^2/\text{NDF}: 6081.6/19$

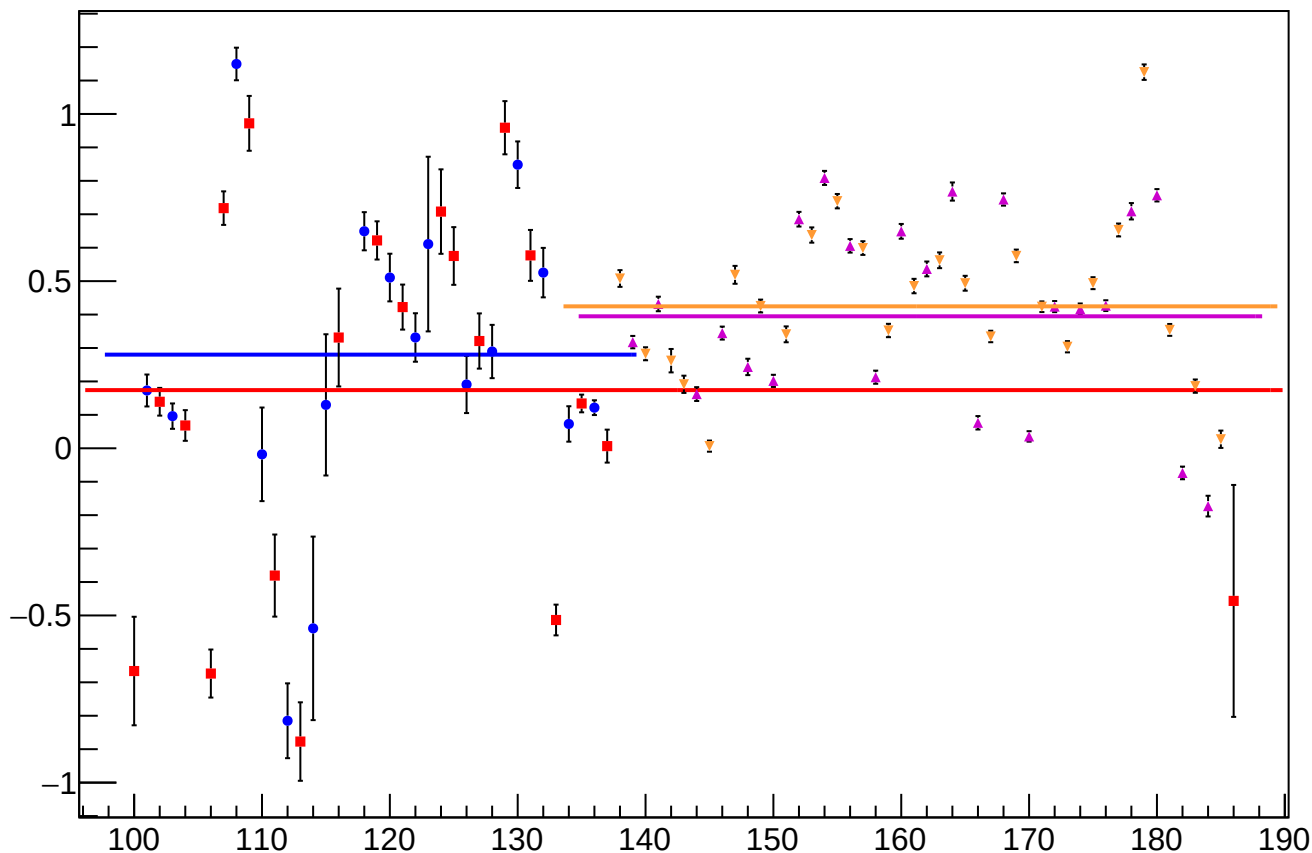
Left In: -69.999 ± 0.091 $\chi^2/\text{NDF}: 13188.0/22$

+ sign -74.762 ± 0.084 $\chi^2/\text{NDF}: 33160.8/41$

All: -74.350 ± 0.060 $\chi^2/\text{NDF}: 67667.4/84$

- sign -73.923 ± 0.086 $\chi^2/\text{NDF}: 34457.7/42$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 $\pm$ 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

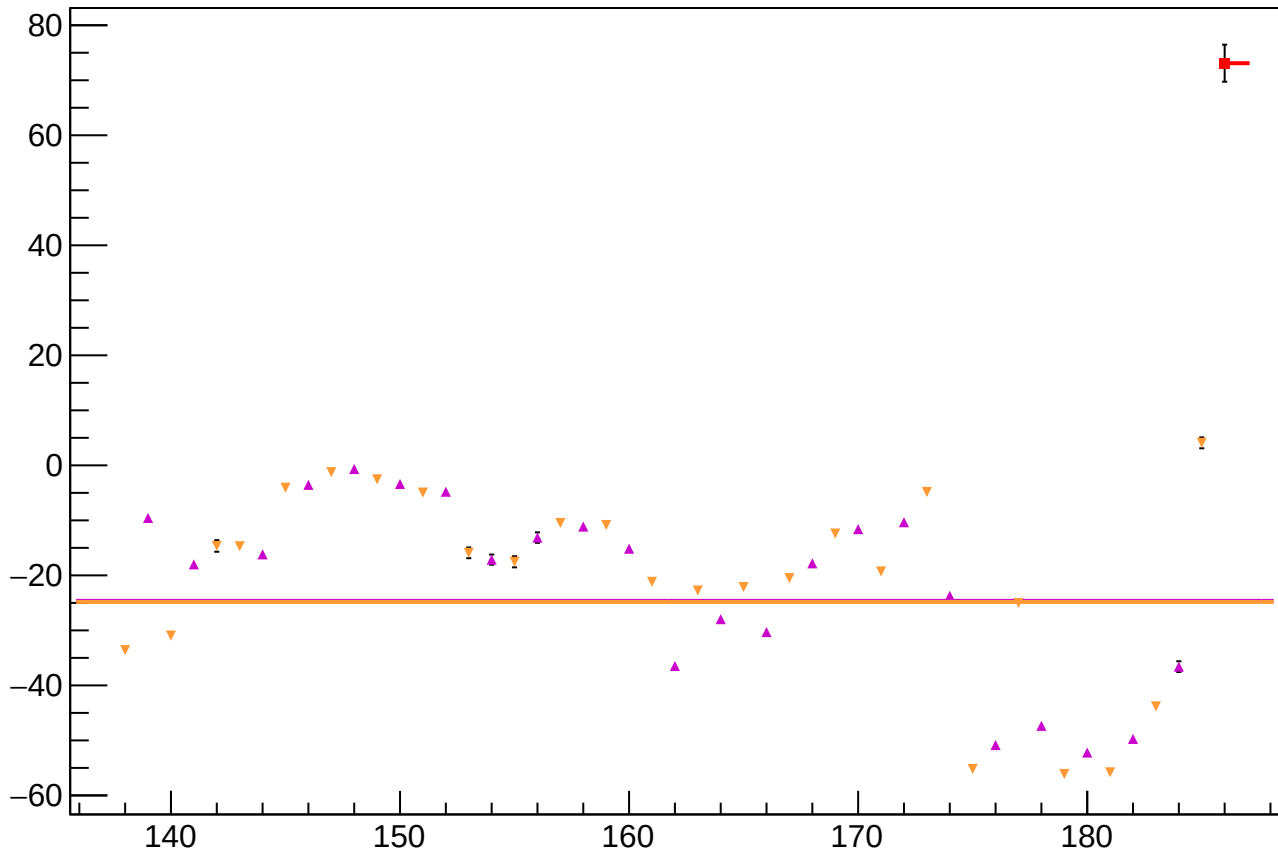
Left In: 0.395 $\pm$ 0.004 χ^2/NDF :4063.1/22

+ 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

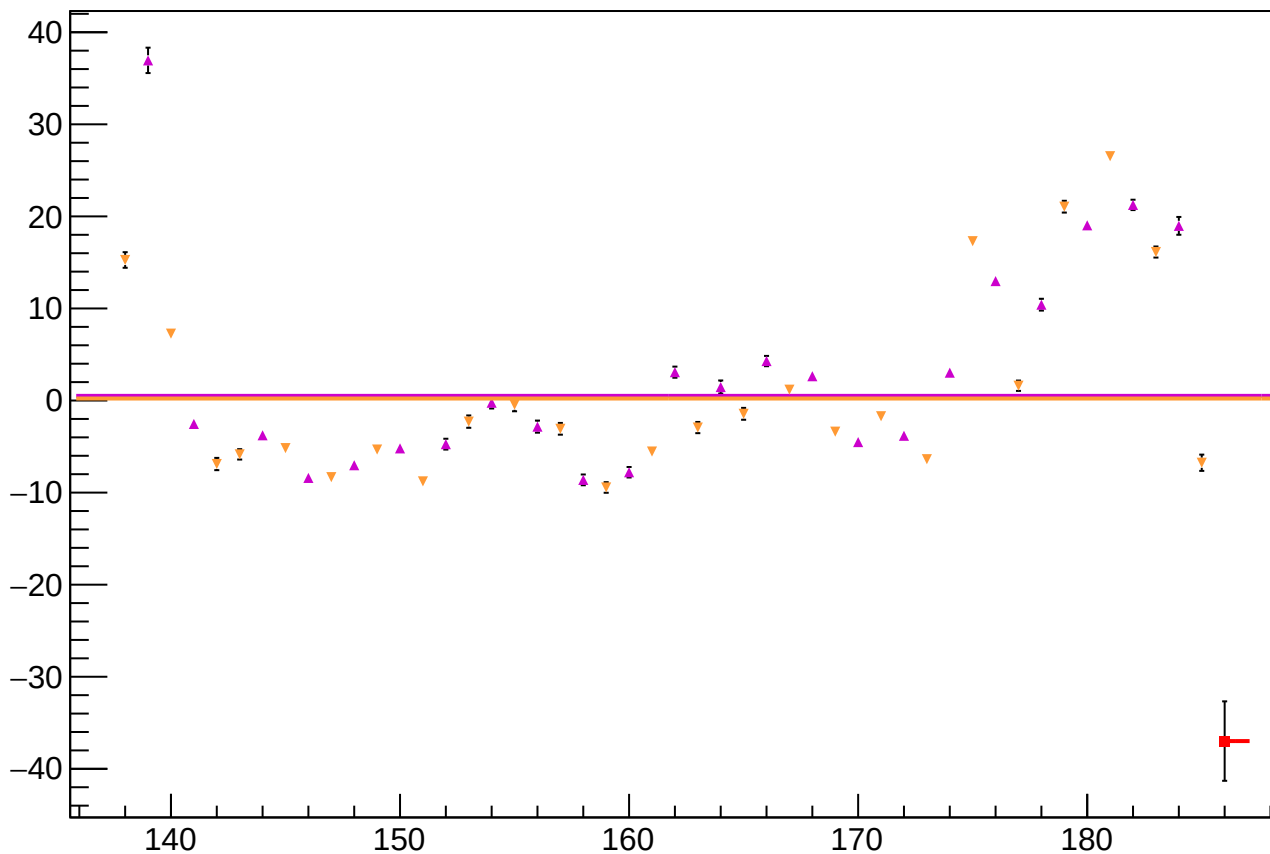
Left In: -24.635+/-0.142 χ^2/NDF : 14947.9/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.218 $\pm$ 0.109 χ^2 /NDF:8252.6/24

Right Out: -36.986 $\pm$ 4.315 χ^2 /NDF: 0.0/0

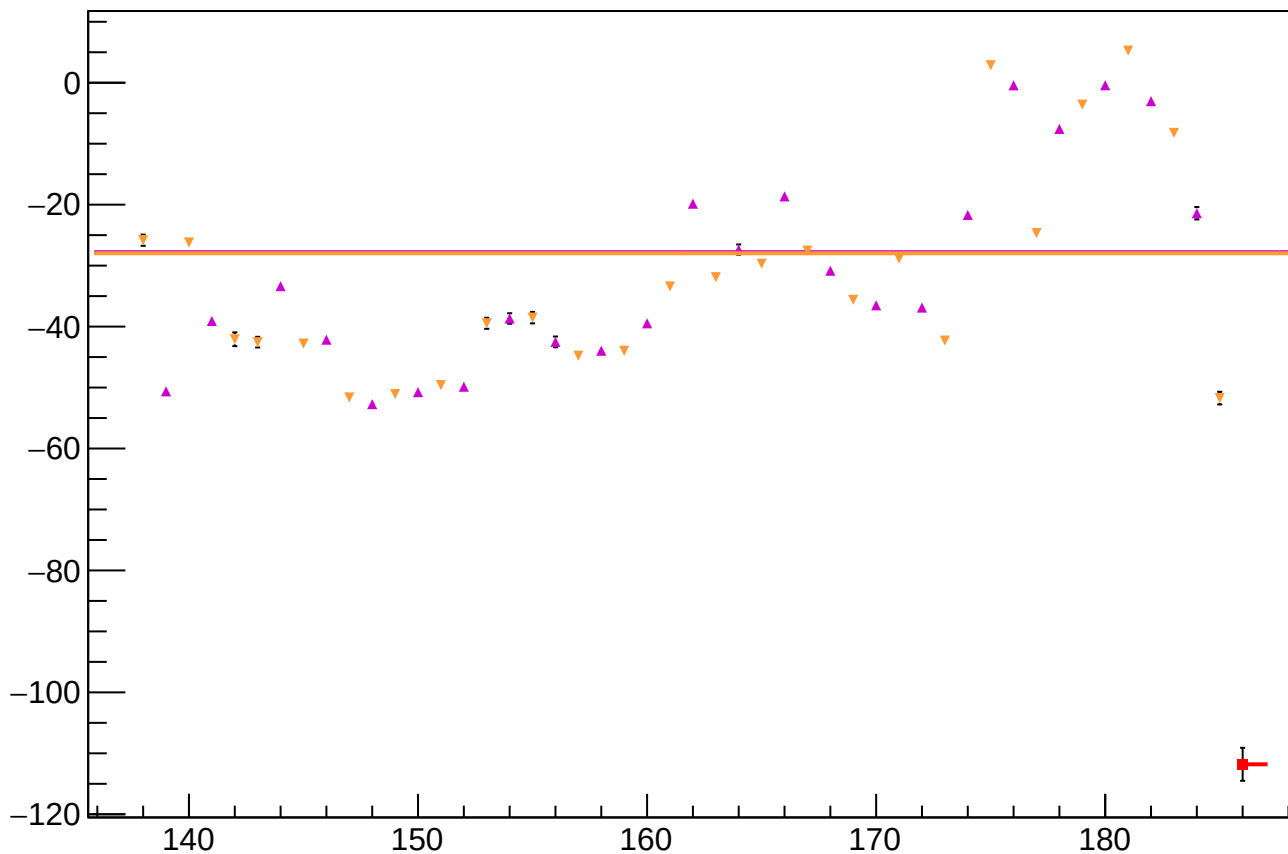
Left In: 0.507 $\pm$ 0.112 χ^2 /NDF:6626.9/22

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

All: 0.346 $\pm$ 0.078 χ^2 /NDF: 14957.8/48

- sign 0.482 $\pm$ 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

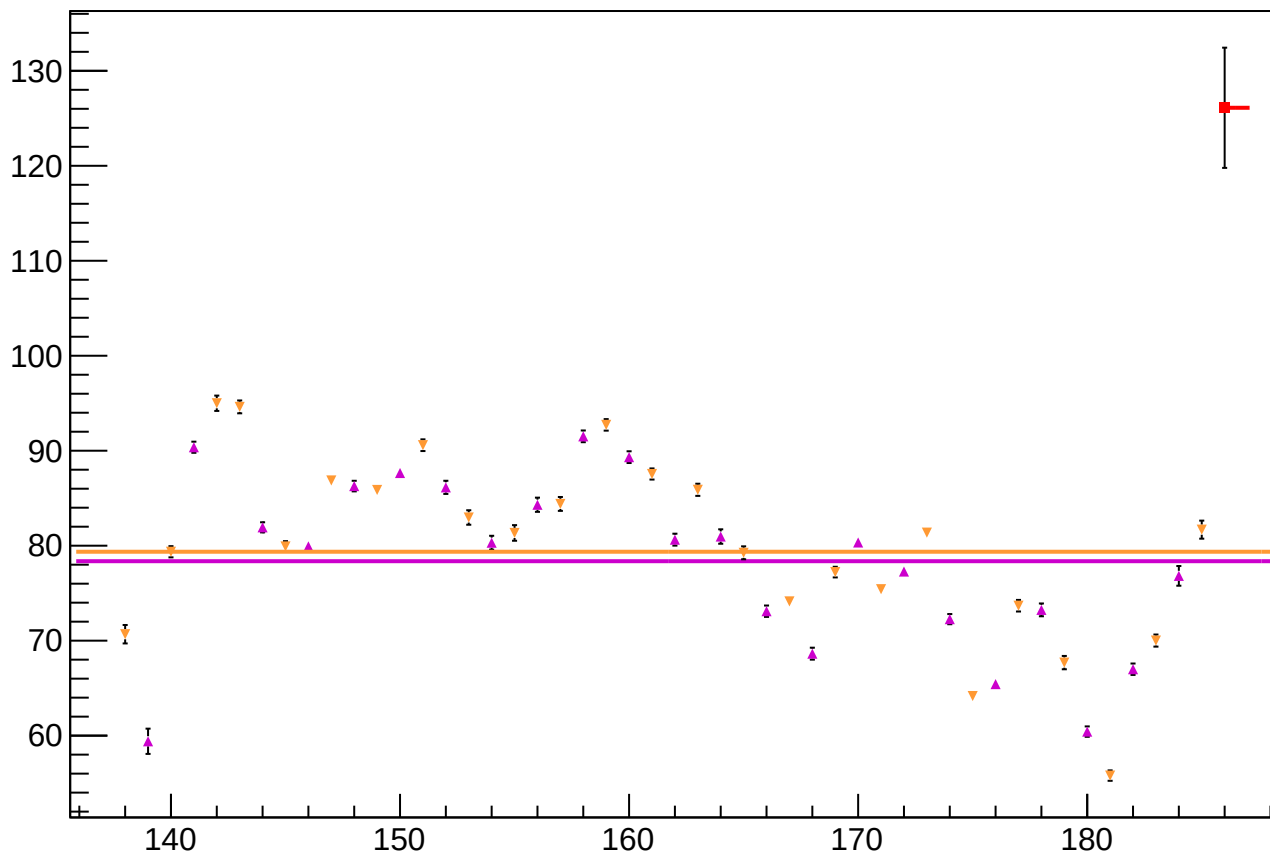
Left In: -27.796 $\pm$ 0.142 χ^2 /NDF:15193.3/22

+ 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

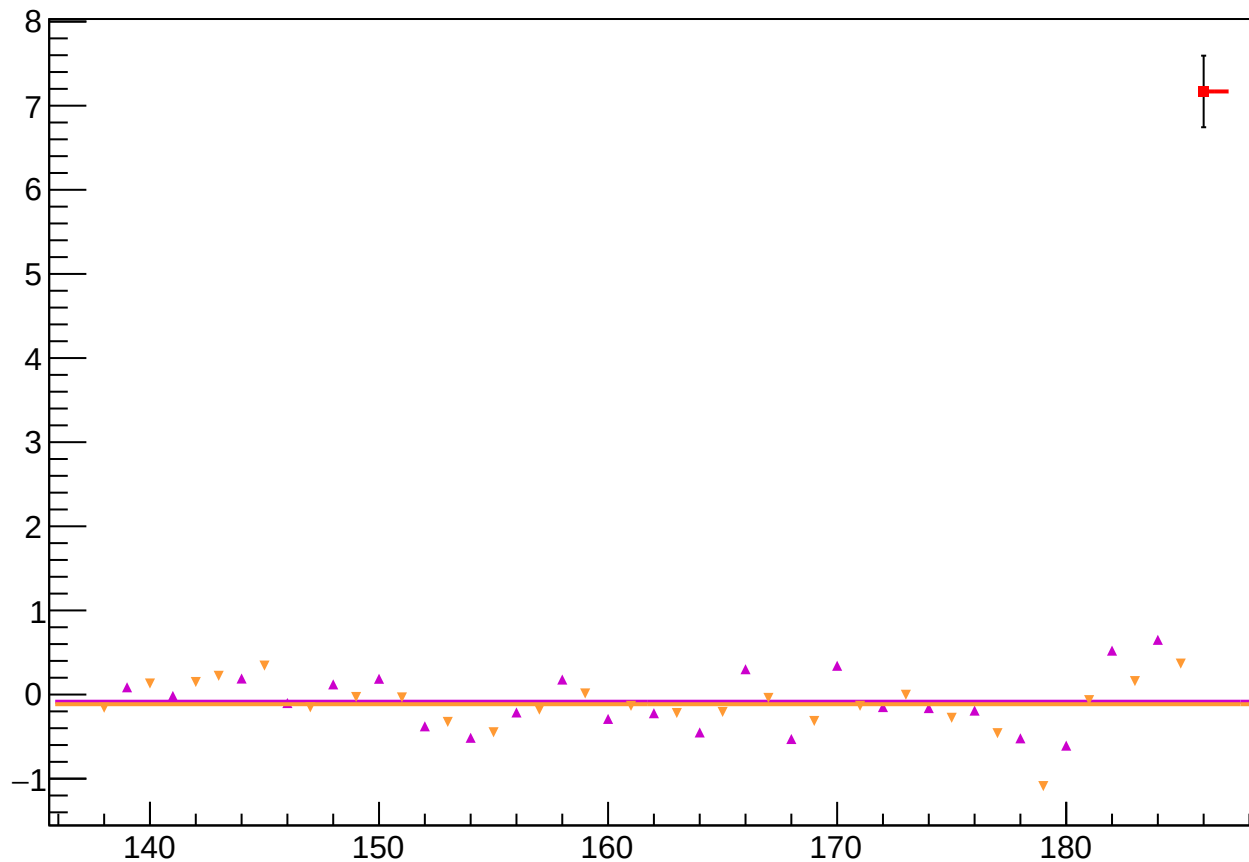
Left In: 78.367+/-0.126 χ^2/NDF : 4735.5/22

+ 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

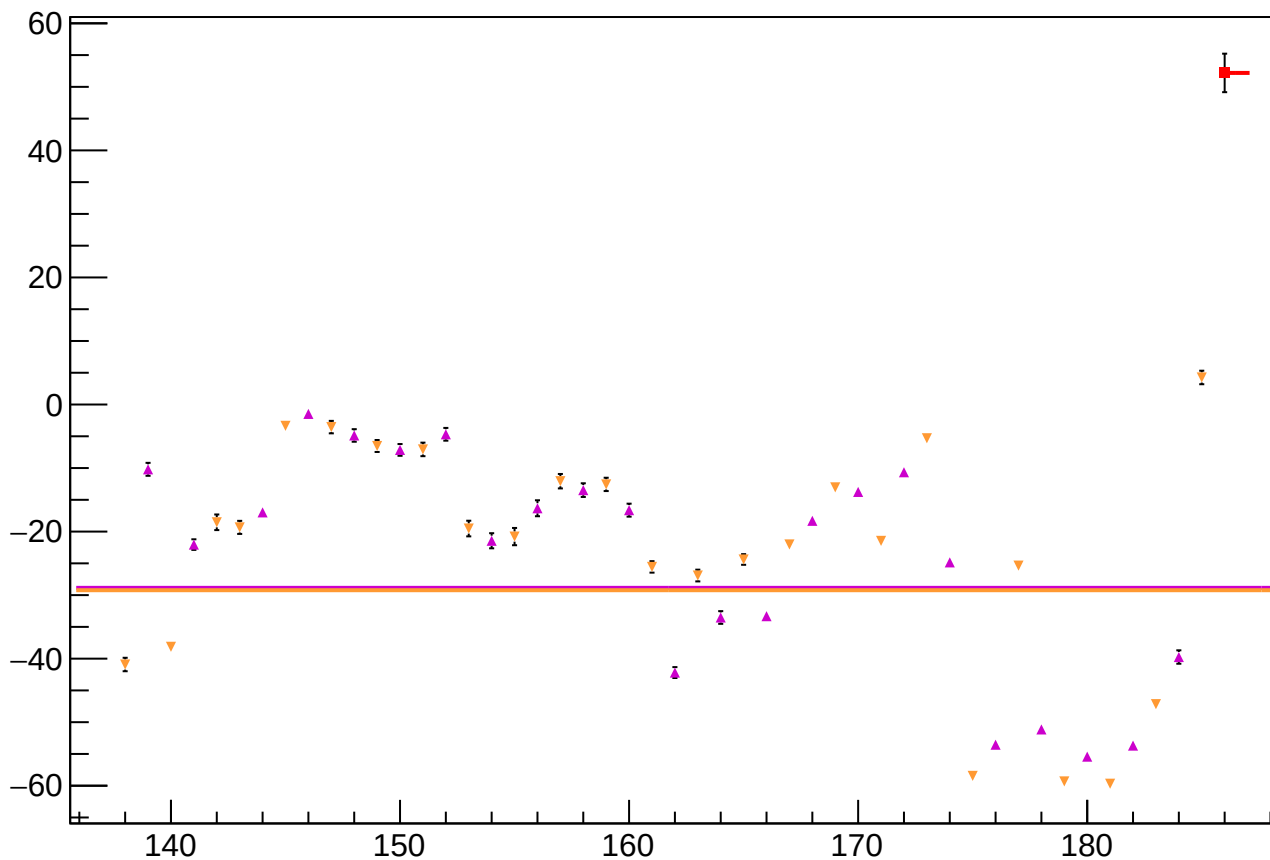
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -29.227 $\pm$ 0.157 χ^2/NDF :16880.0/24

Right Out: 52.193 $\pm$ 3.030 χ^2/NDF : 0.0/0

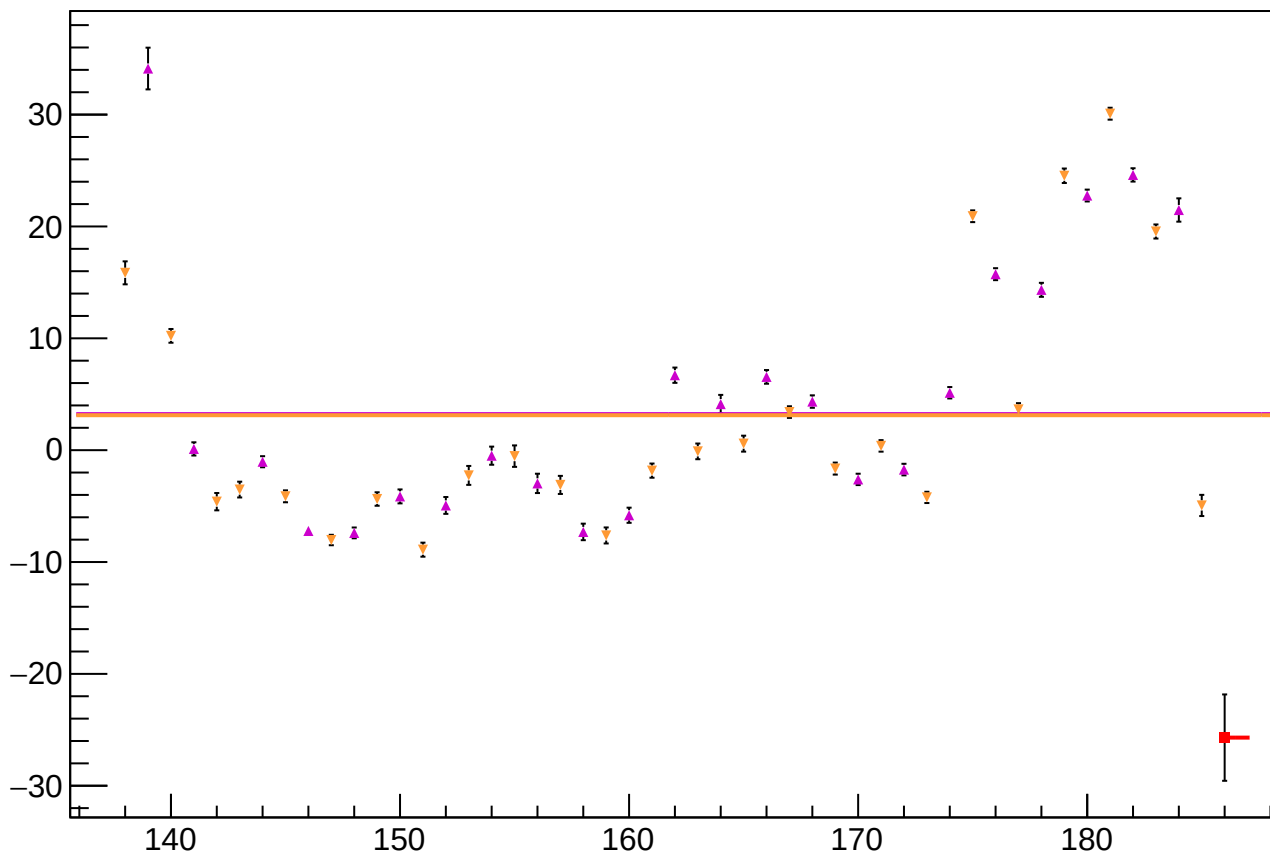
Left In: -28.857 $\pm$ 0.159 χ^2/NDF :13553.6/22

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

All: -28.934 $\pm$ 0.112 χ^2/NDF : 31154.1/48

- sign -28.634 $\pm$ 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

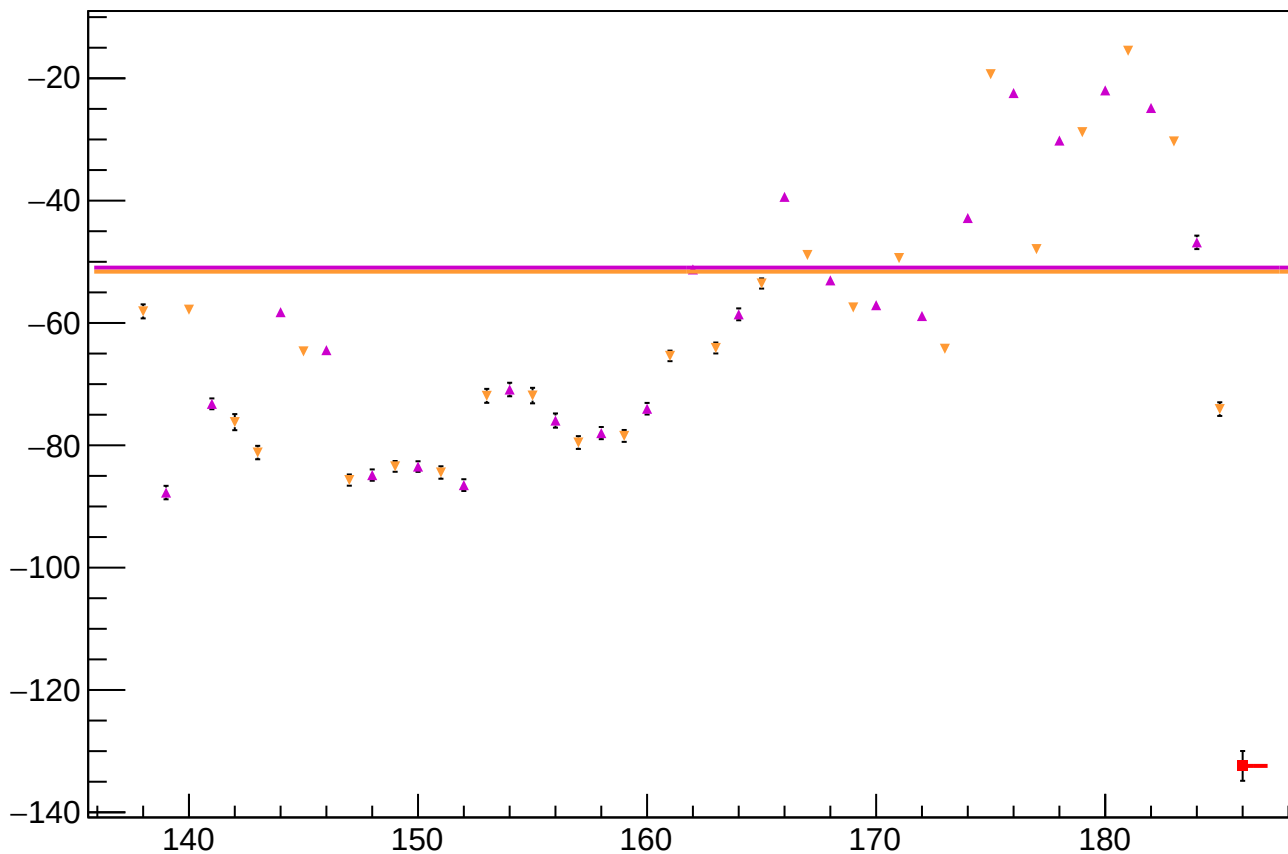
Left In: 3.224+/-0.127 χ^2/NDF : 6274.0/22

+ 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

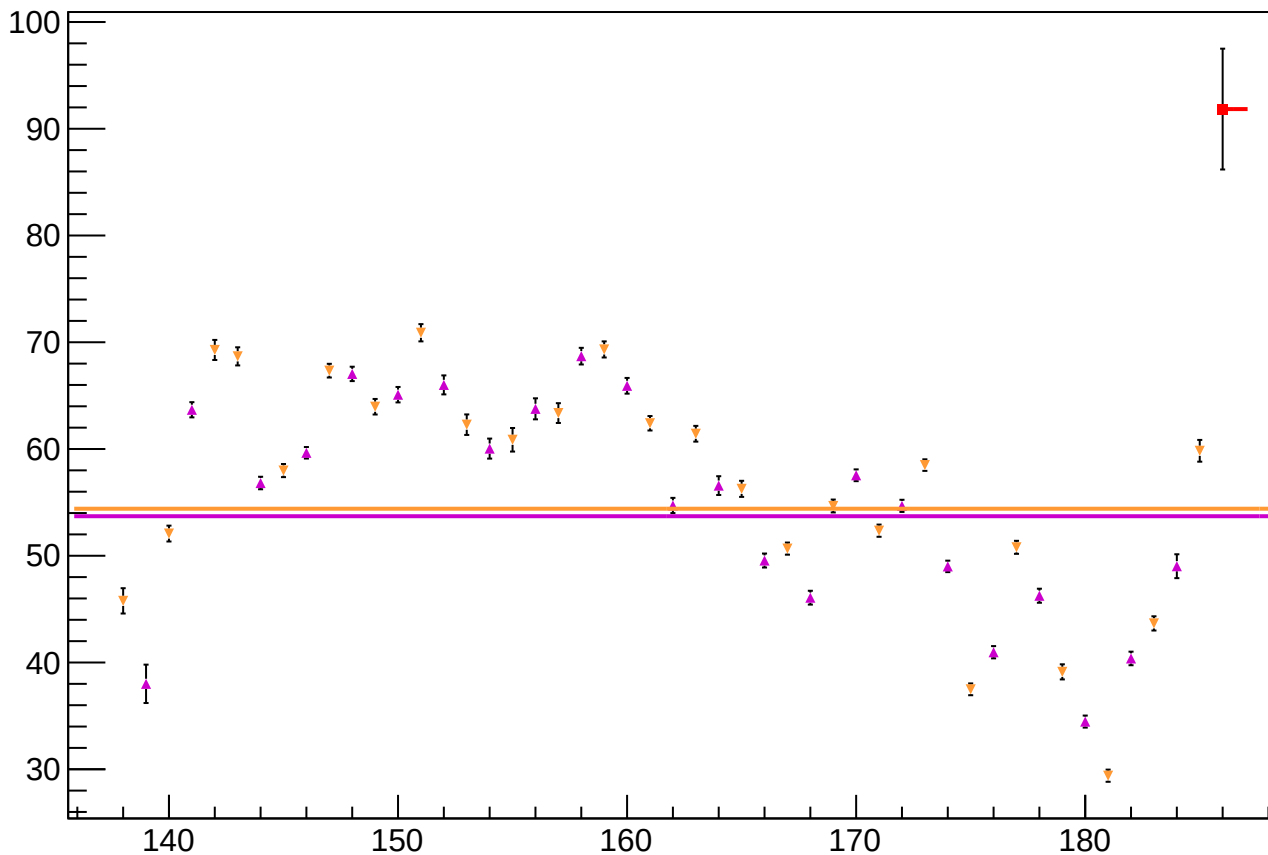
Left In: -50.954+/-0.159 χ^2/NDF :17472.2/22

+ 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

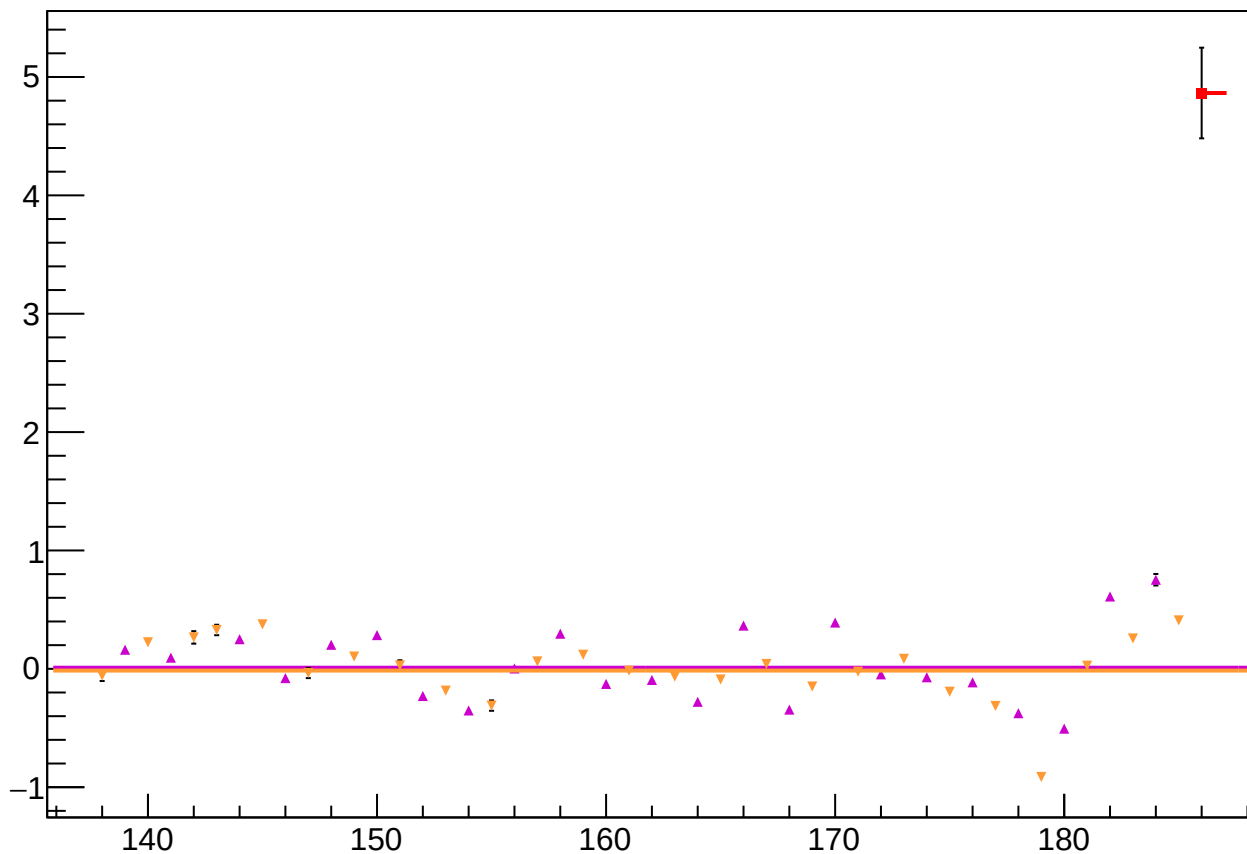
Left In: 53.704 $\pm$ 0.143 χ^2 /NDF: 4603.5/22

+ 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

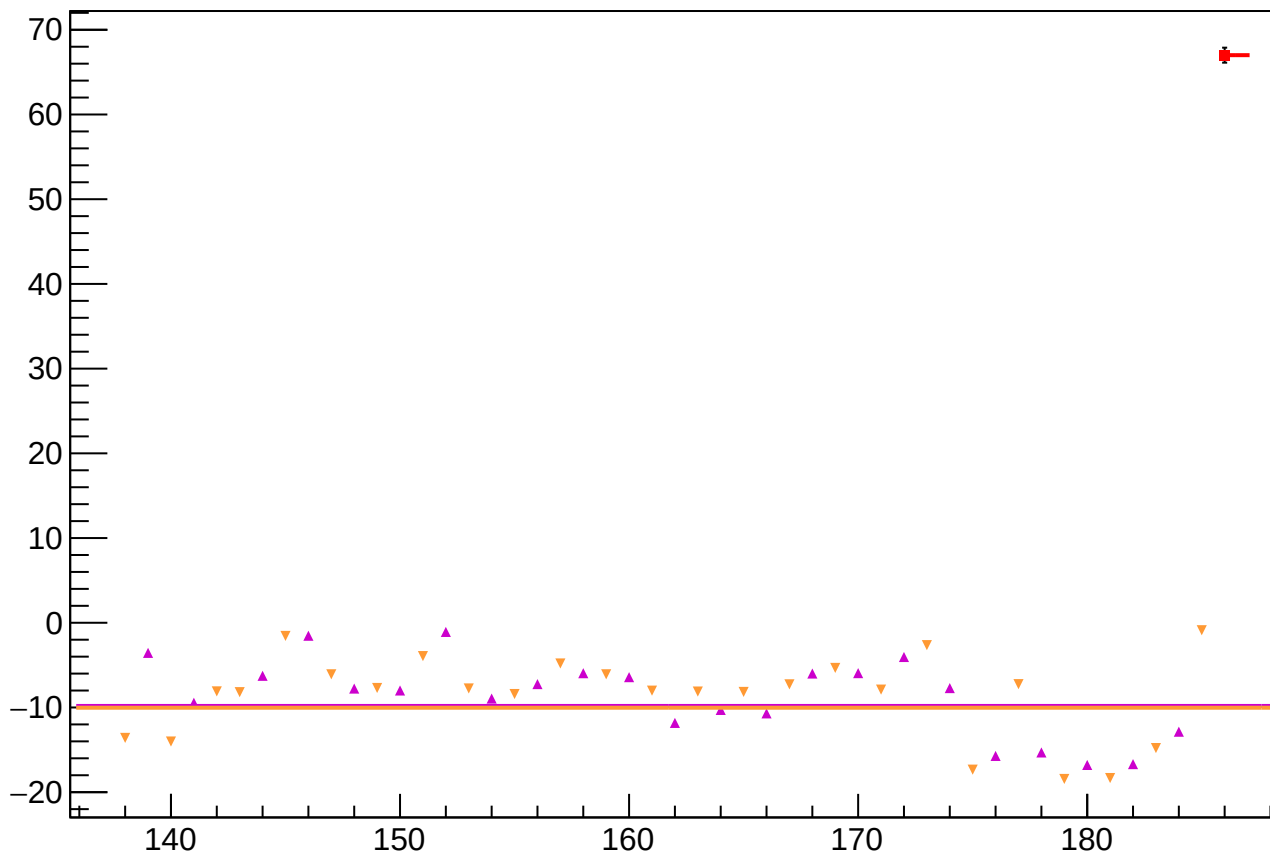
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.015 $\pm$ 0.006 χ^2 /NDF:1645.9/24
 Right Out: 4.865 $\pm$ 0.383 χ^2 /NDF: 0.0/0
 Left In: 0.009 $\pm$ 0.007 χ^2 /NDF:2228.9/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.002 $\pm$ 0.005 χ^2 /NDF: 4043.2/48
 - sign 0.011 $\pm$ 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

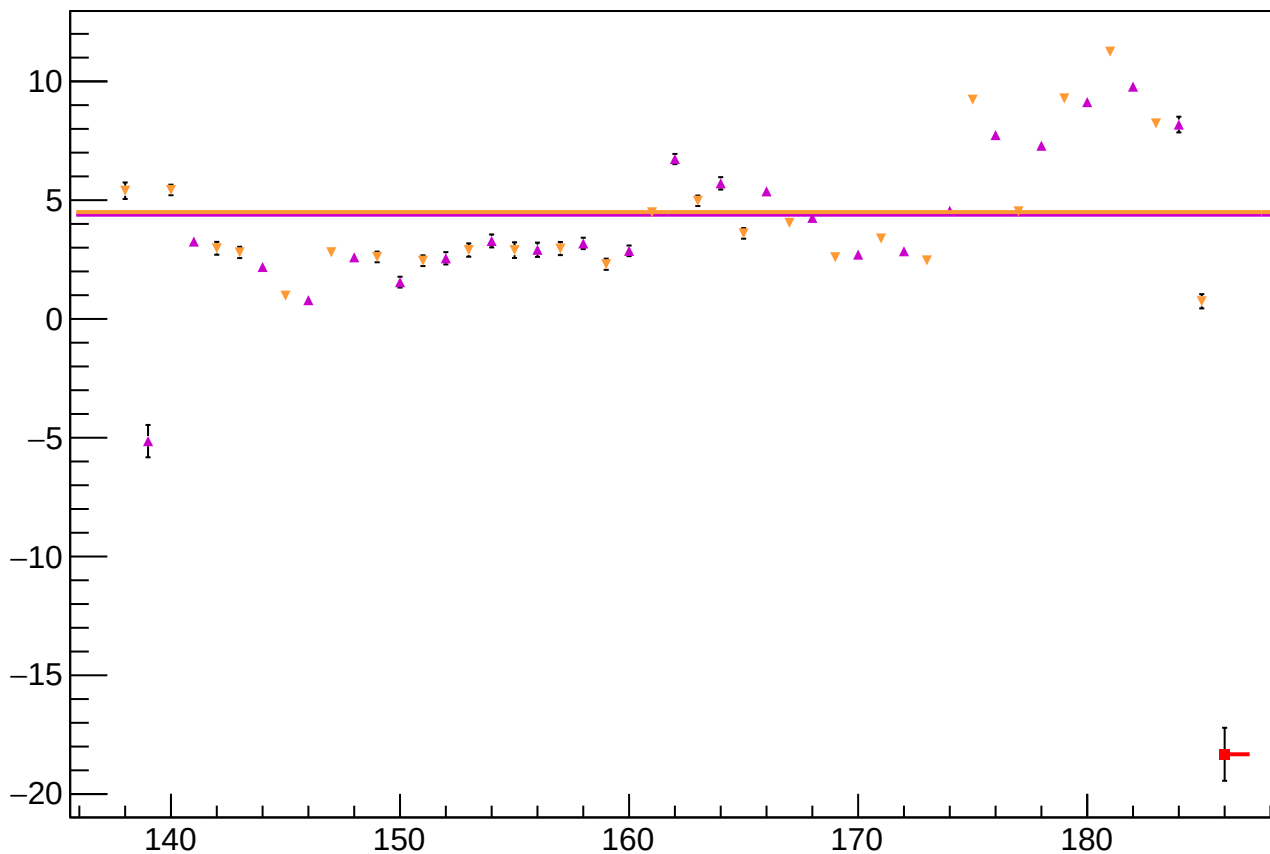
Left In: -9.820 $\pm$ 0.051 χ^2 /NDF:9468.8/22

+ 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

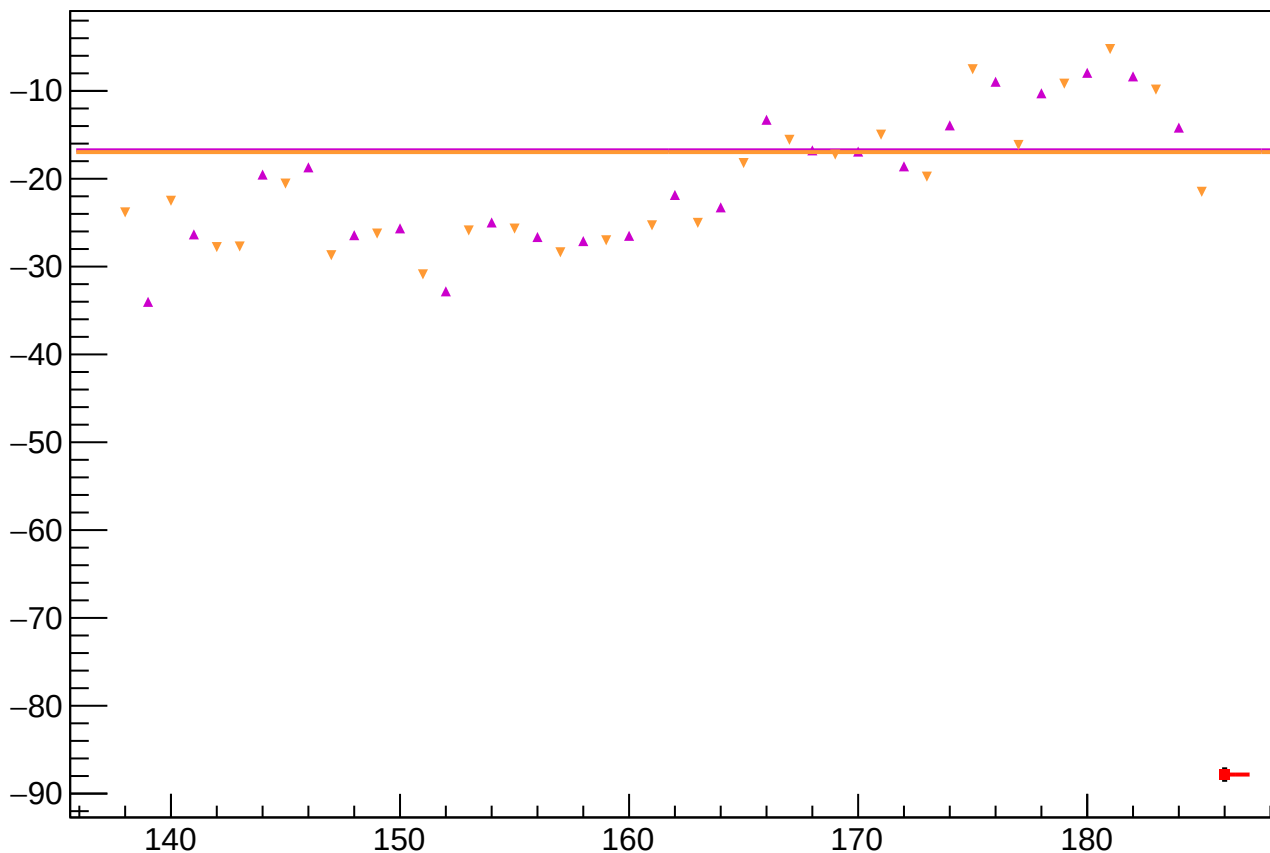
Left In: 4.388+/-0.041 χ^2/NDF : 4266.4/22

+ 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

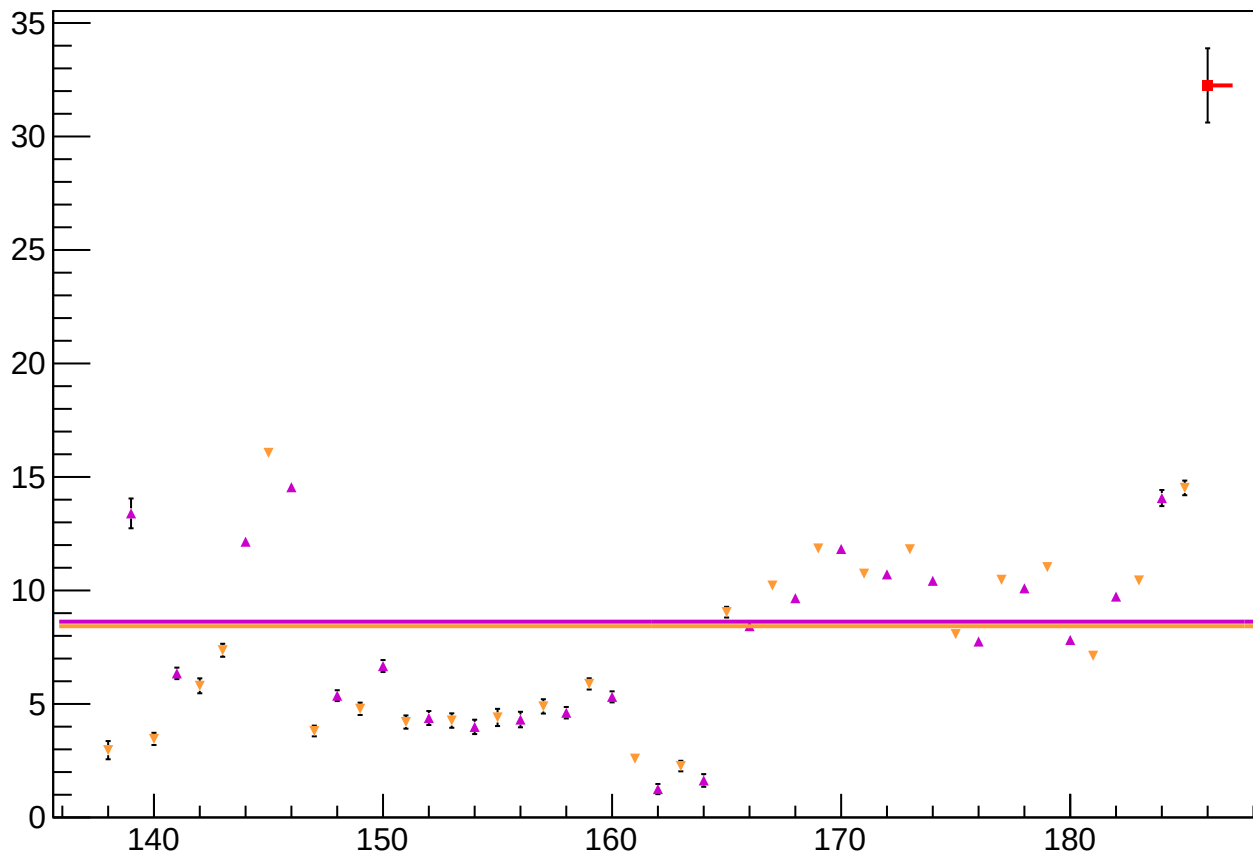
Left In: -16.764+/-0.051 χ^2/NDF : 19037.7/22

+ 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

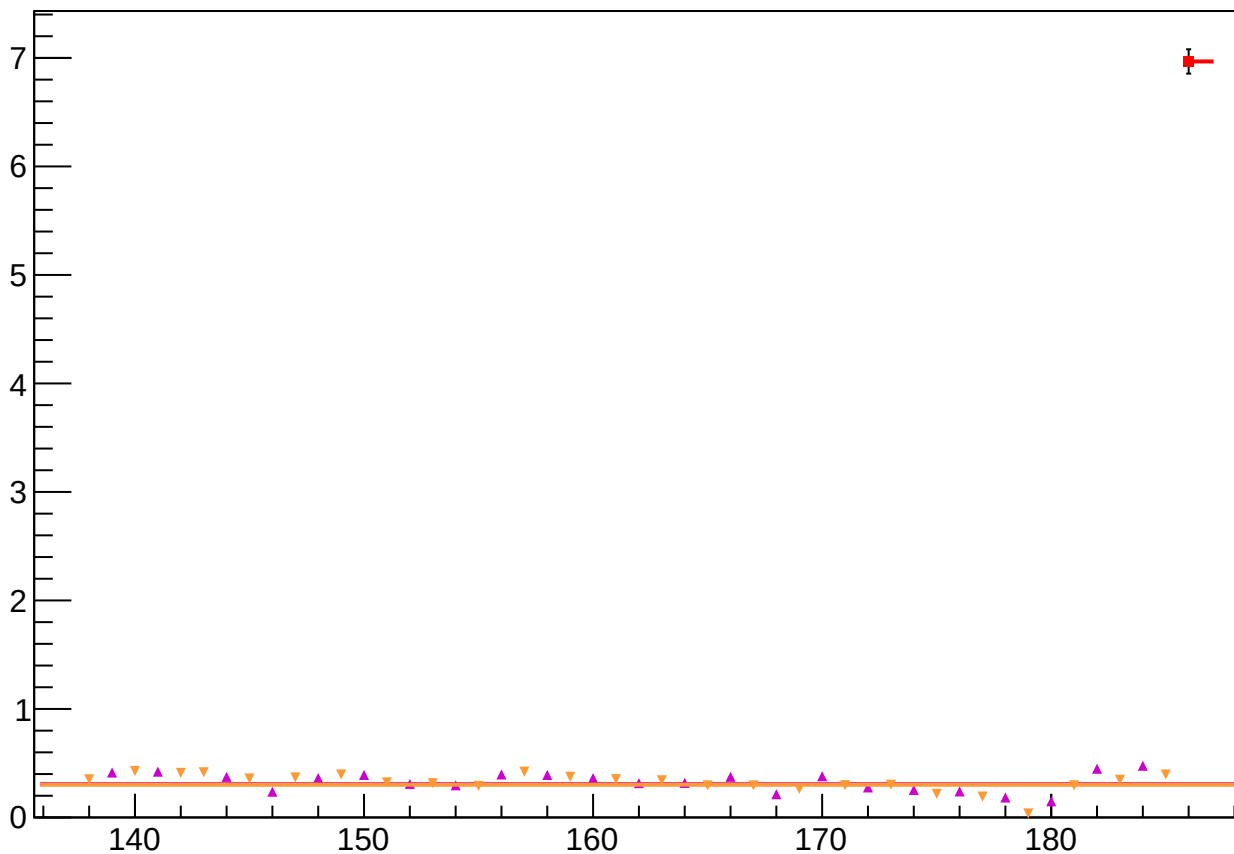
Left In: 8.626 $\pm$ 0.046 χ^2 /NDF:5531.9/22

+ 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.302+/-0.002 χ^2/NDF :1589.8/24

Right Out: 6.968+/-0.112 χ^2/NDF : 0.0/0

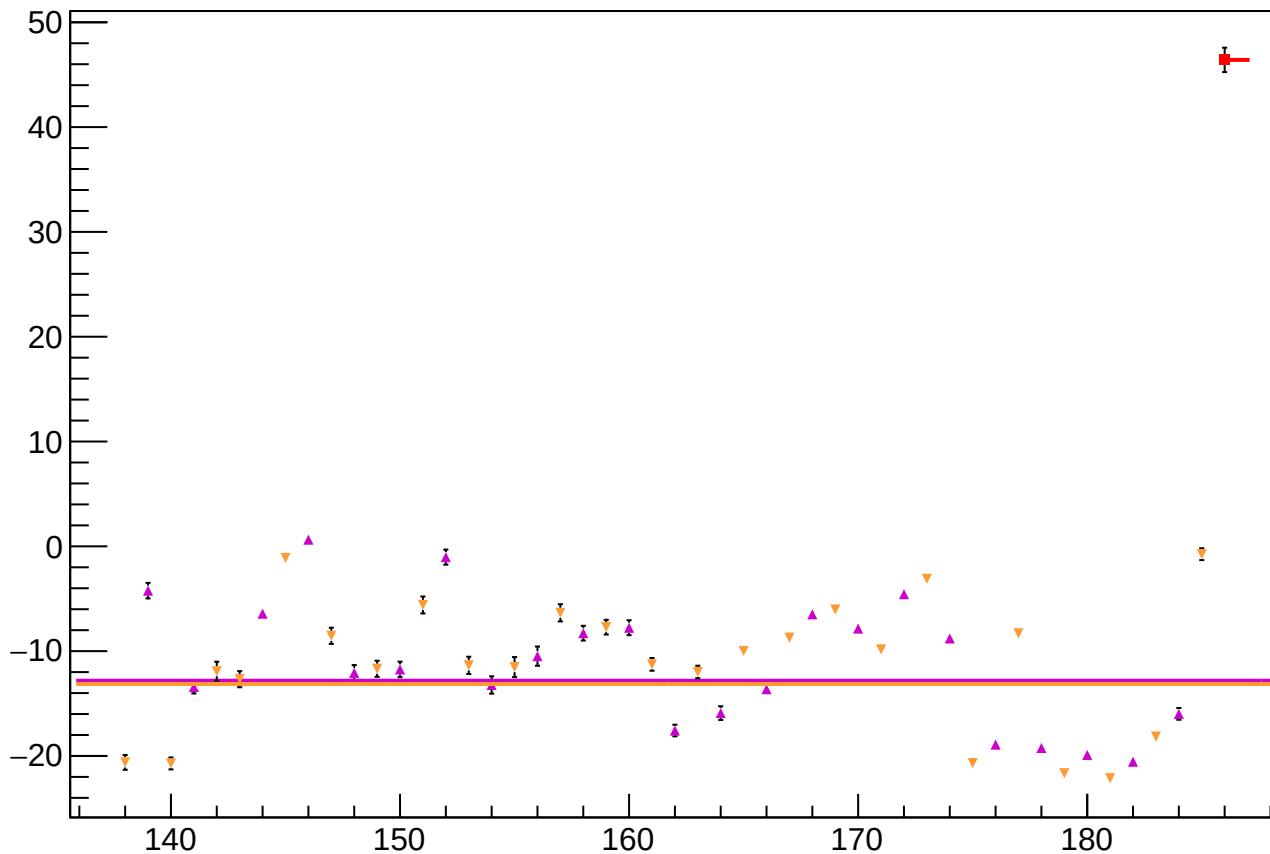
Left In: 0.307+/-0.002 χ^2/NDF :1716.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.306+/-0.001 χ^2/NDF : 6835.8/48

- sign 0.309+/-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

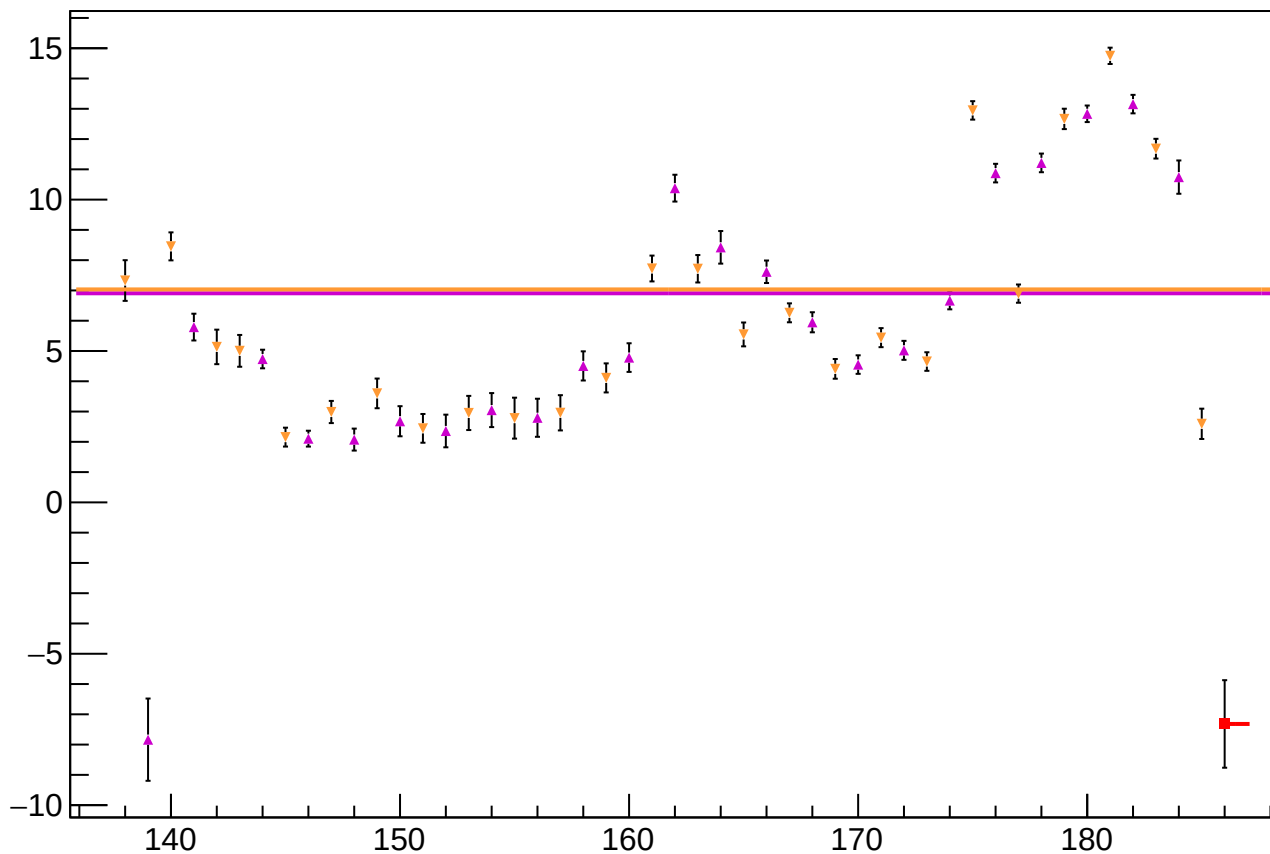
Left In: -12.823 $\pm$ 0.095 χ^2 /NDF: 4841.5/22

+ 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 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 7.034 ± 0.077 χ^2/NDF : 2657.5/24

Right Out: -7.318 ± 1.446 χ^2/NDF : 0.0/0

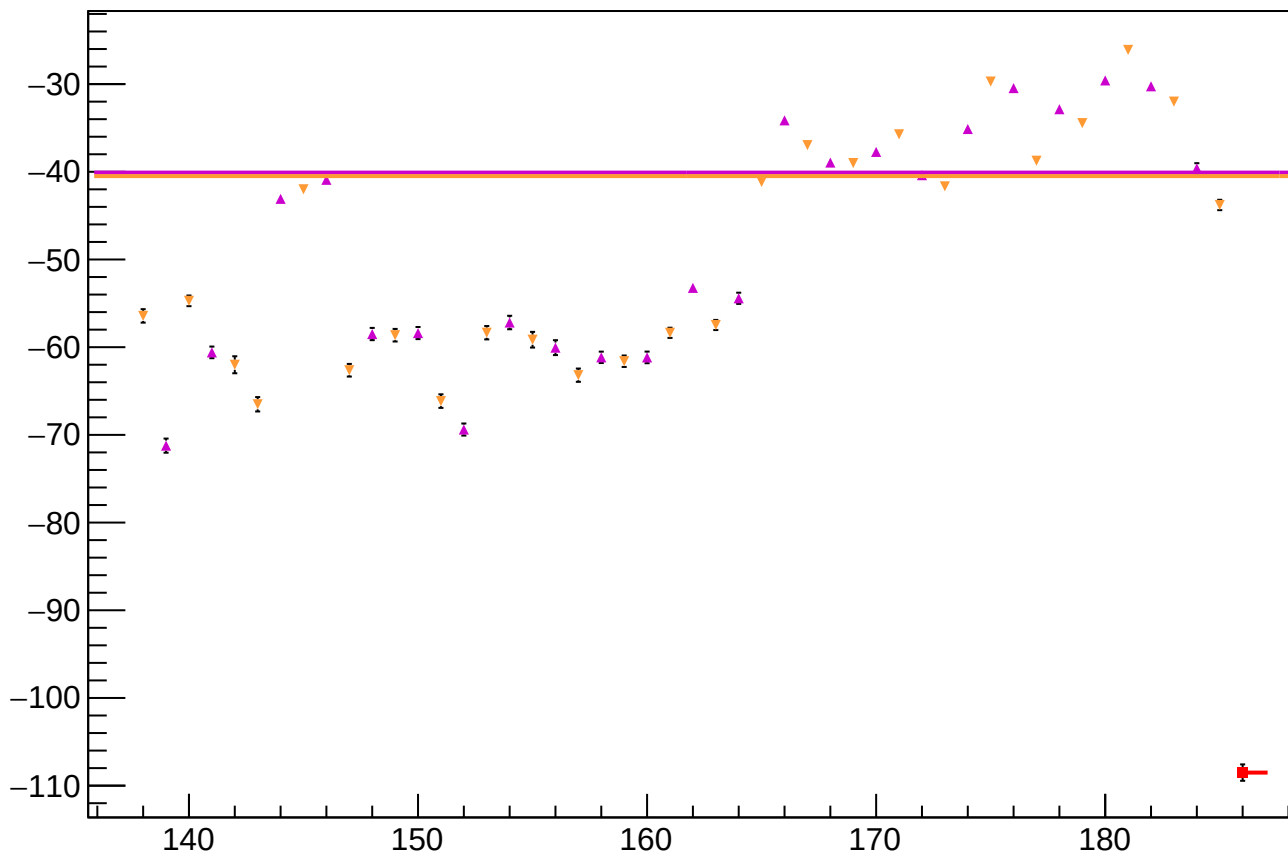
Left In: 6.906 ± 0.077 χ^2/NDF : 2442.8/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.950 ± 0.055 χ^2/NDF : 5199.3/48

- sign 6.865 ± 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

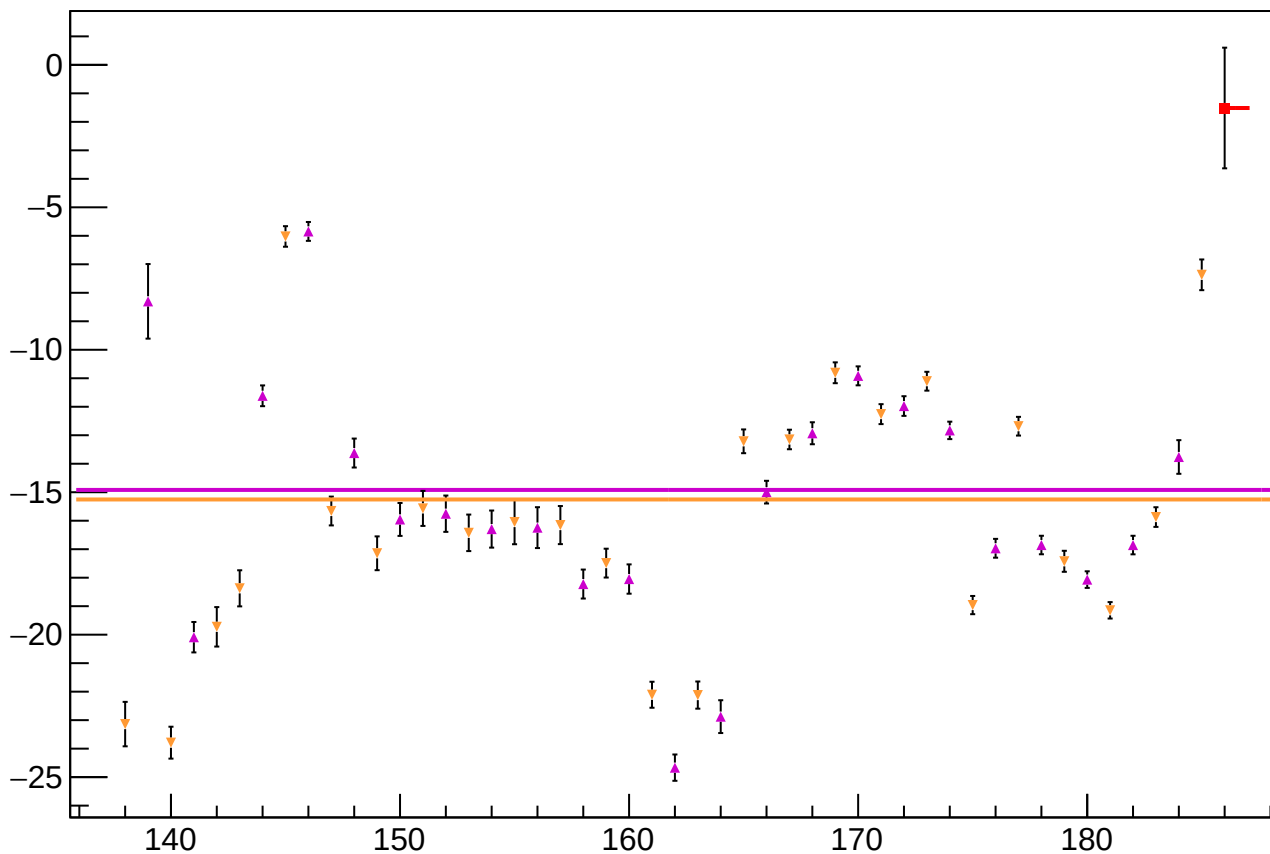
Left In: -40.091+/-0.095 χ^2/NDF :14103.5/22

+ 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

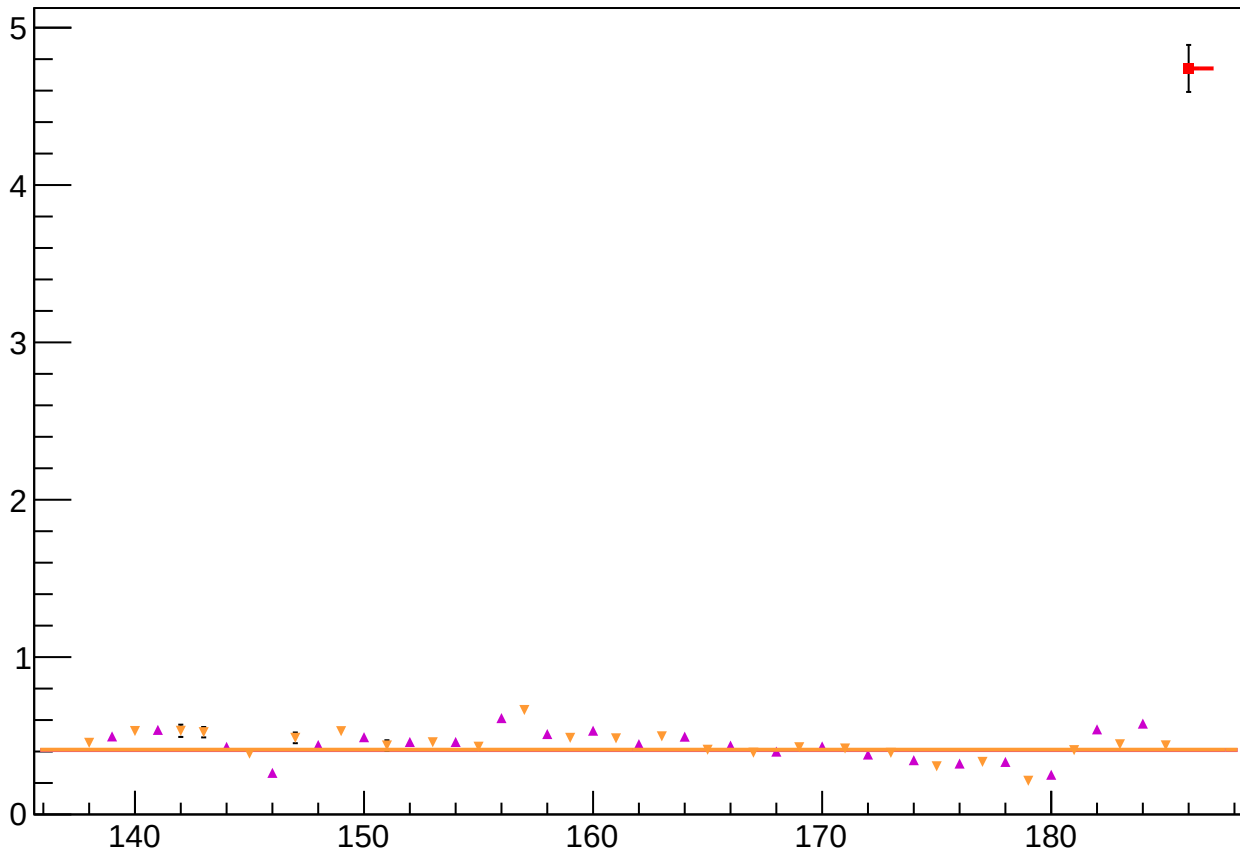
Left In: -14.919+/-0.087 χ^2/NDF : 2207.7/22

+ 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.411+/-0.004 χ^2/NDF : 428.8/24

Right Out: 4.741+/-0.149 χ^2/NDF : 0.0/0

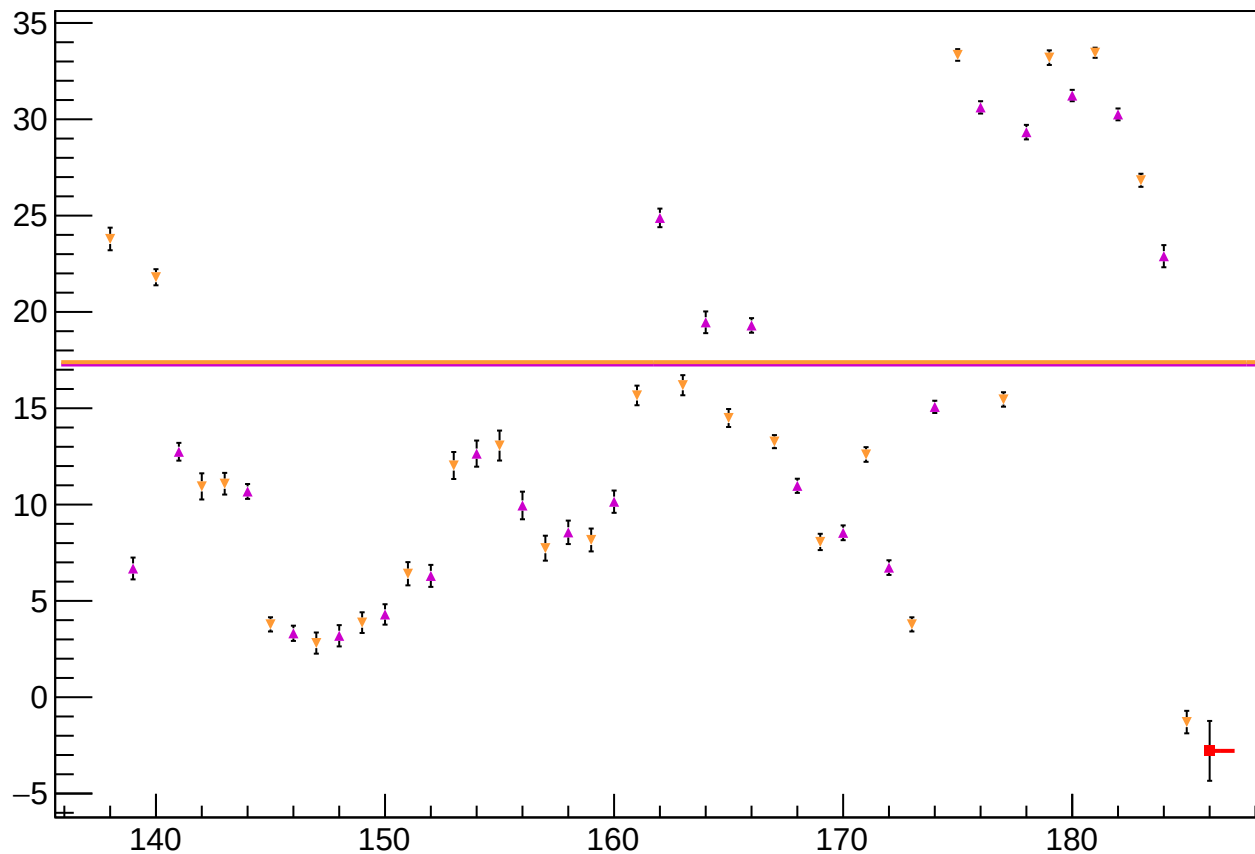
Left In: 0.409+/-0.004 χ^2/NDF : 561.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.412+/-0.003 χ^2/NDF : 1831.1/48

- sign 0.412+/-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

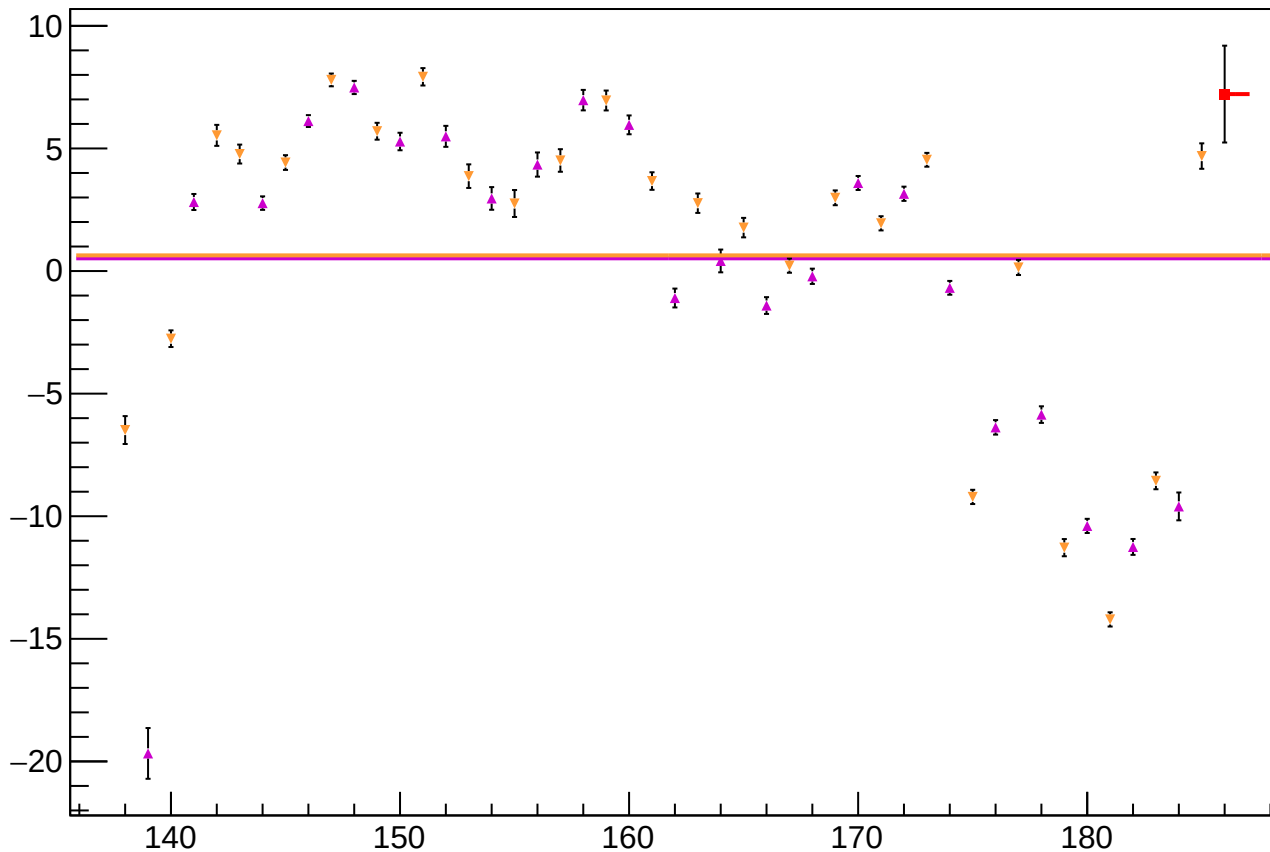
Left In: 17.271 $\pm$ 0.088 χ^2 /NDF:12892.2/22

+ 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

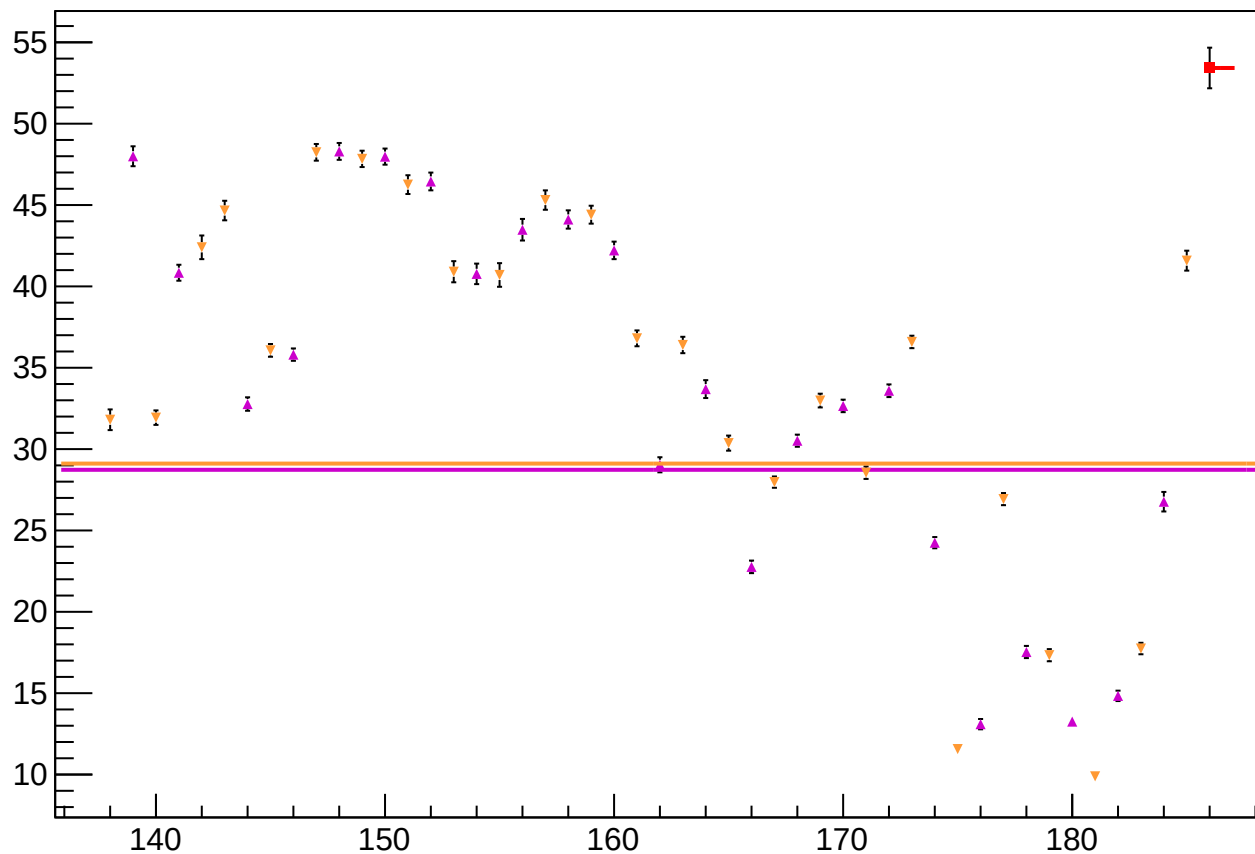
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

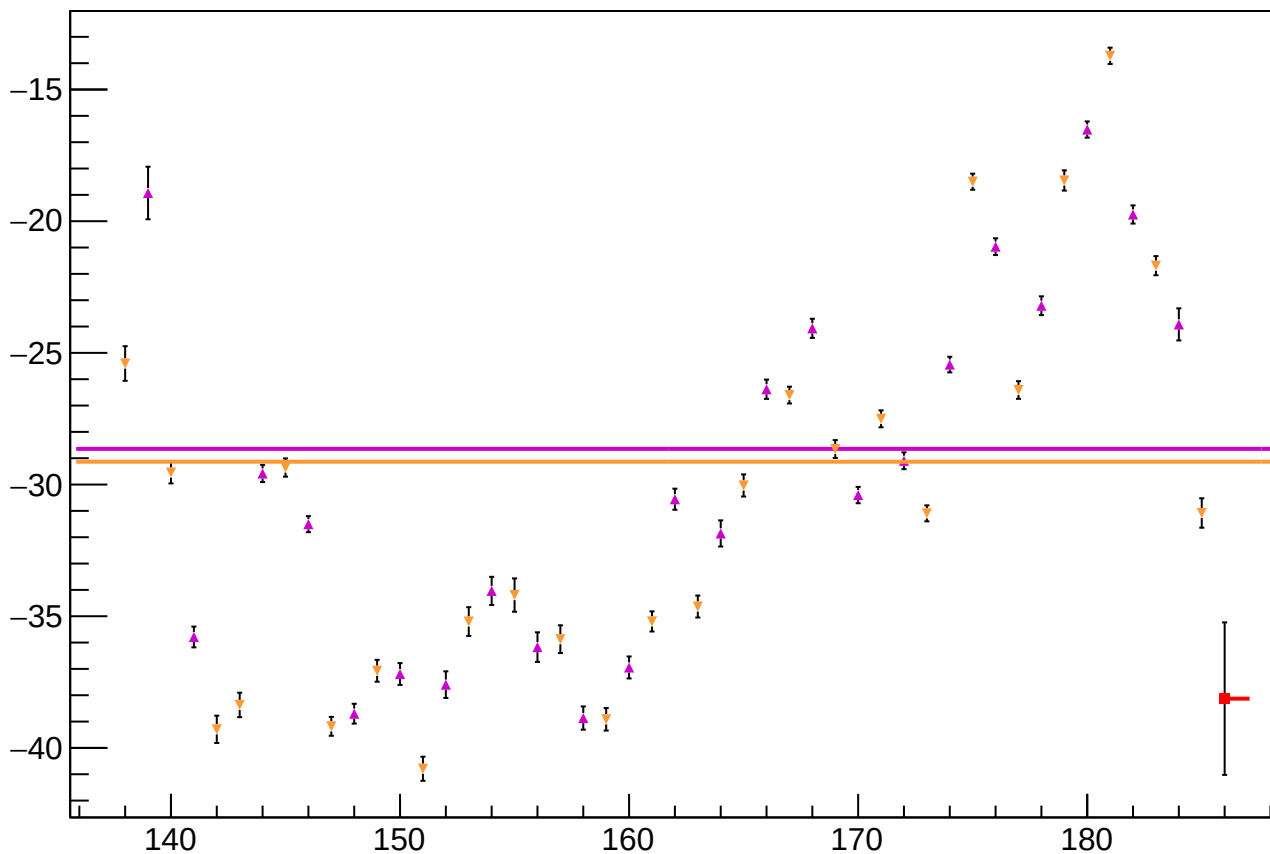
Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

+ 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

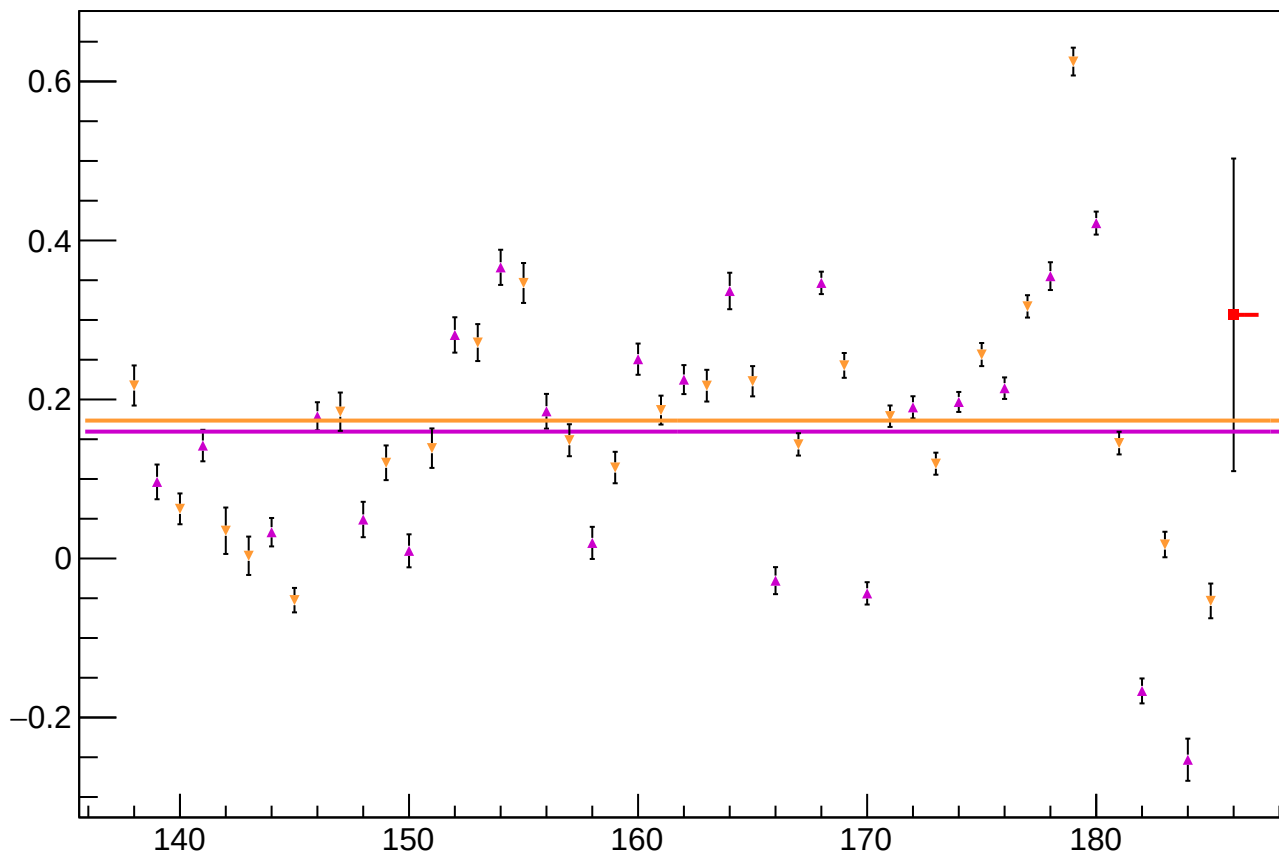
Left In: -28.645+/-0.080 χ^2/NDF : 6693.5/22

+ 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

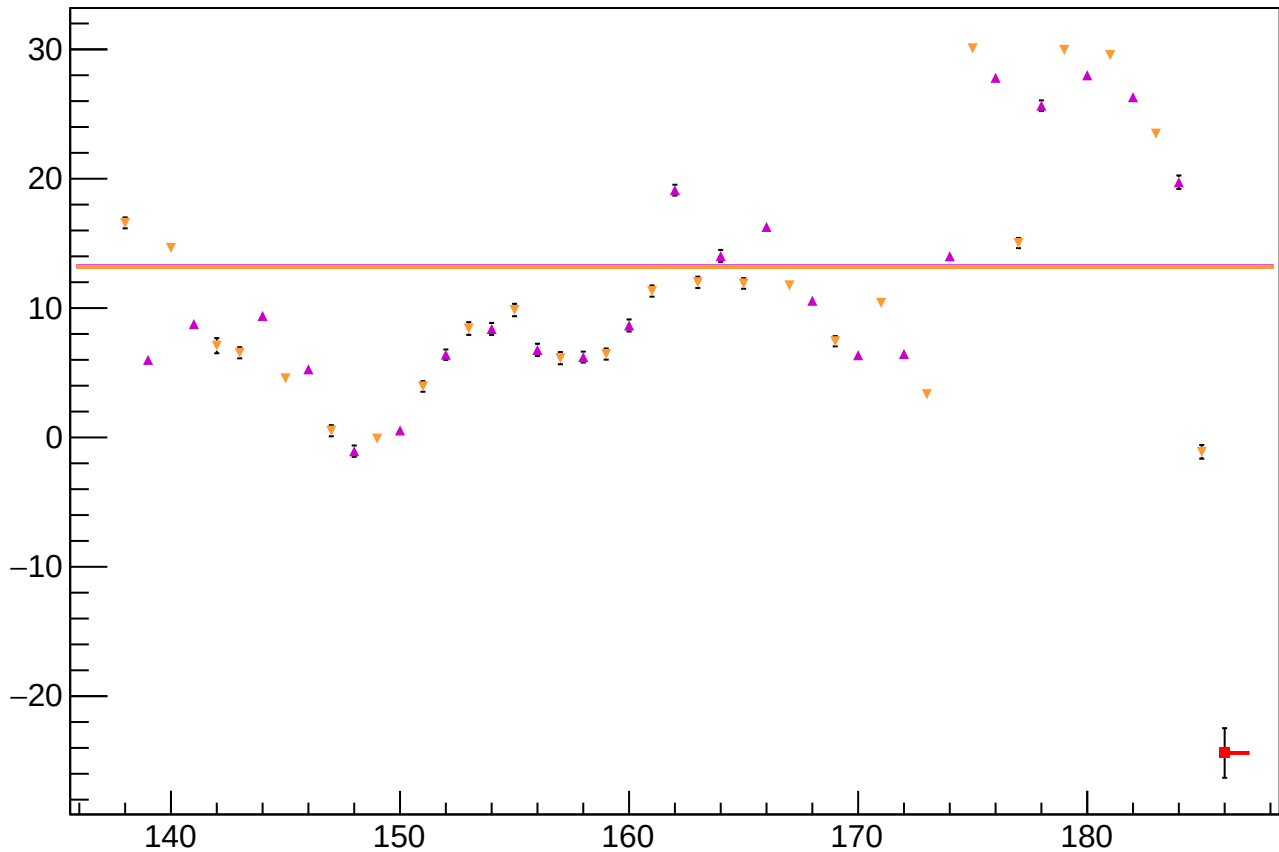
Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22

+ 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

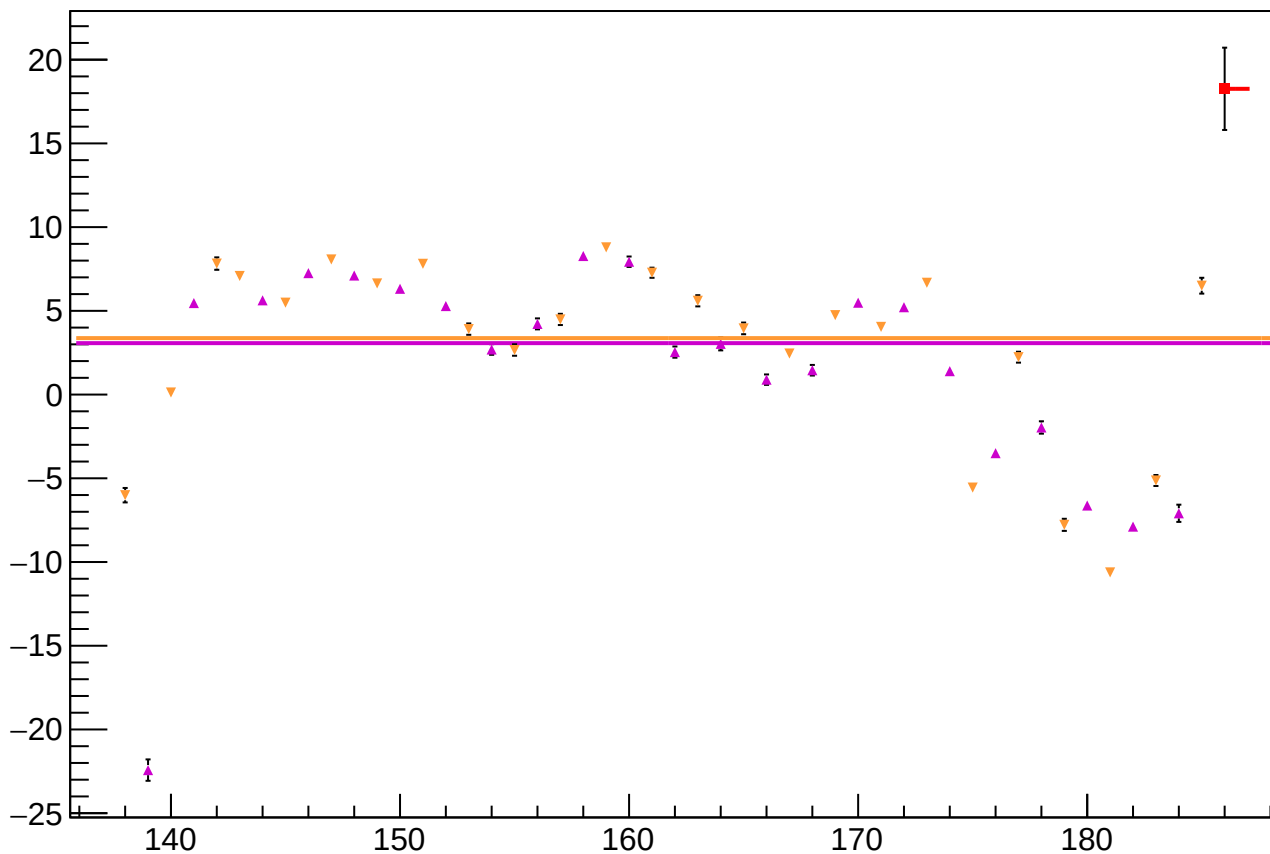
Left In: 13.228+/-0.077 χ^2/NDF : 14126.1/22

+ 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

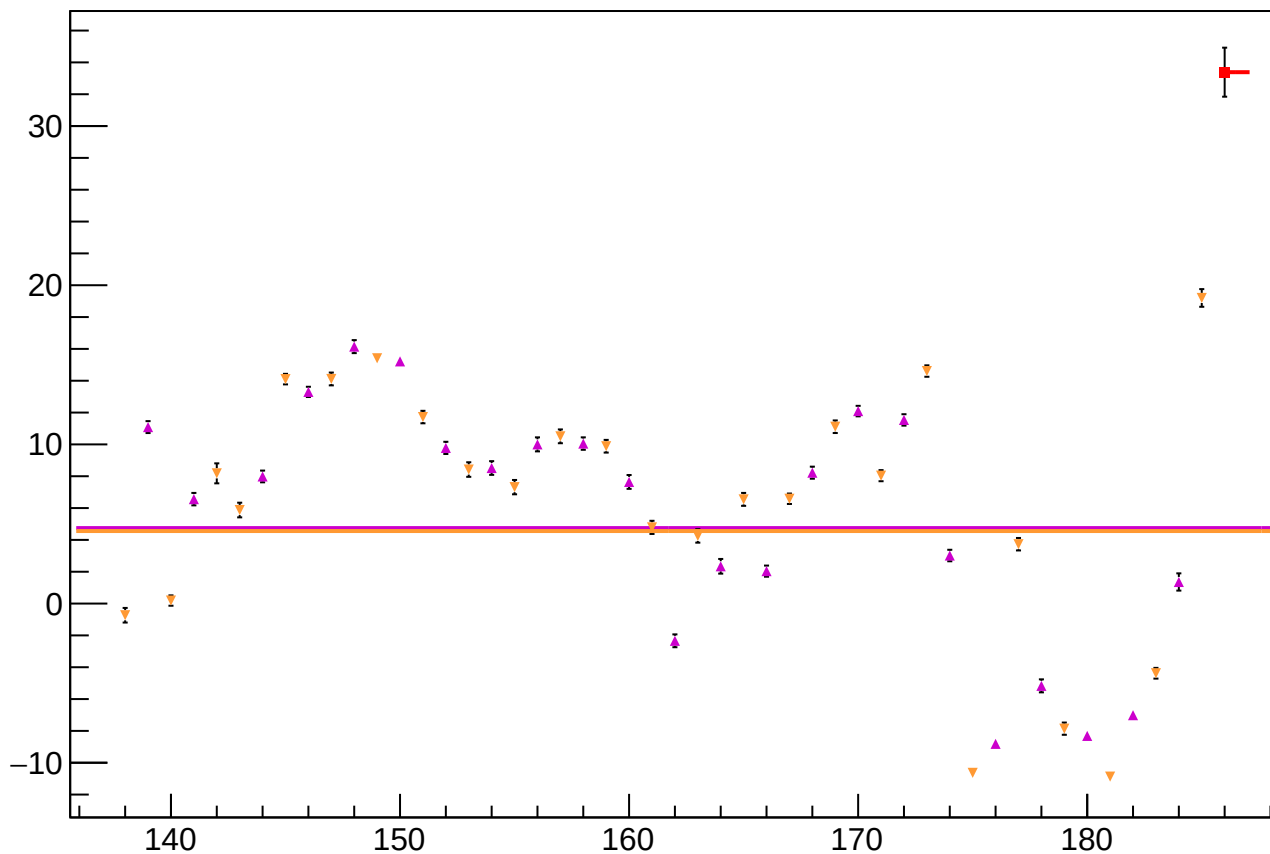
Left In: 3.071 $\pm$ 0.060 χ^2 /NDF:7269.0/22

+ 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

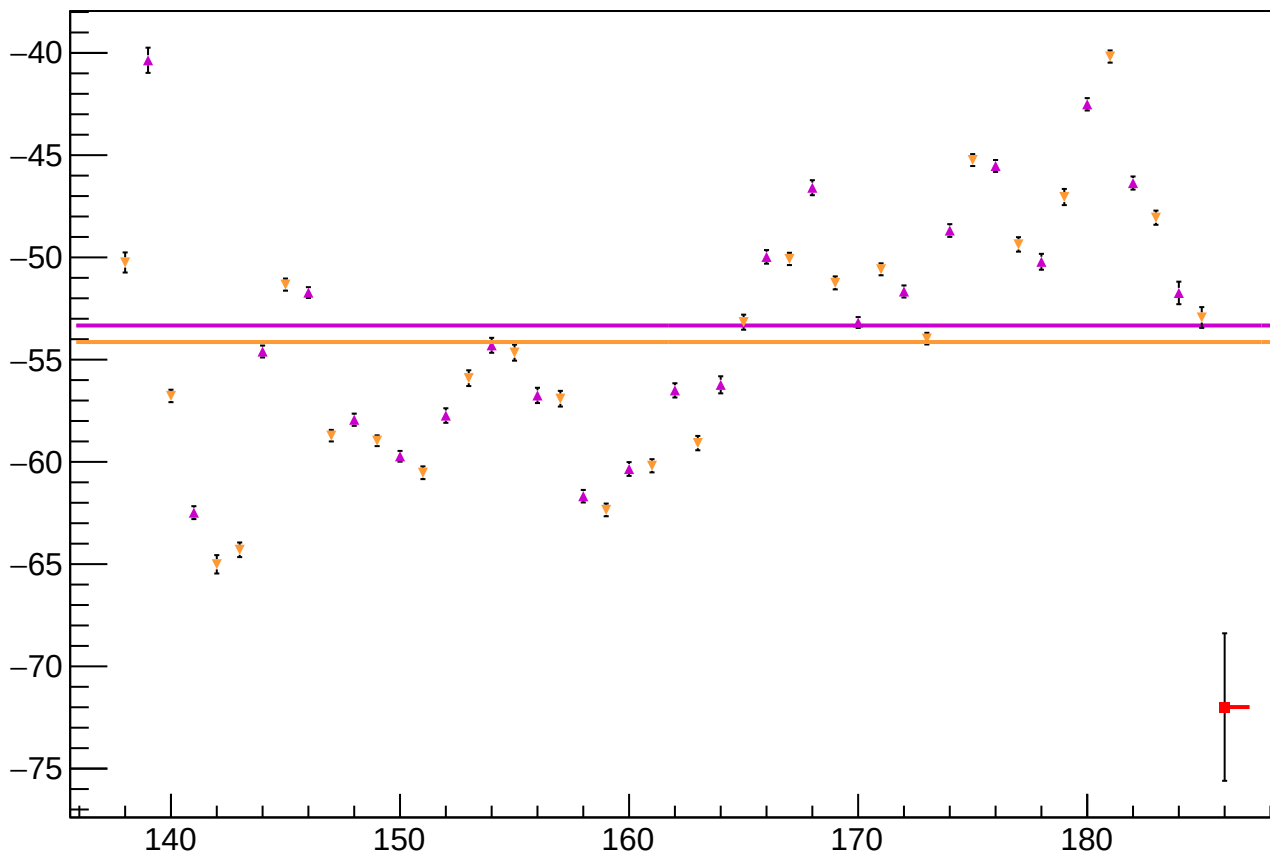
Left In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22

+ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -54.139 $\pm$ 0.067 χ^2 /NDF: 8301.1/24

Right Out: -71.990 $\pm$ 3.606 χ^2 /NDF: 0.0/0

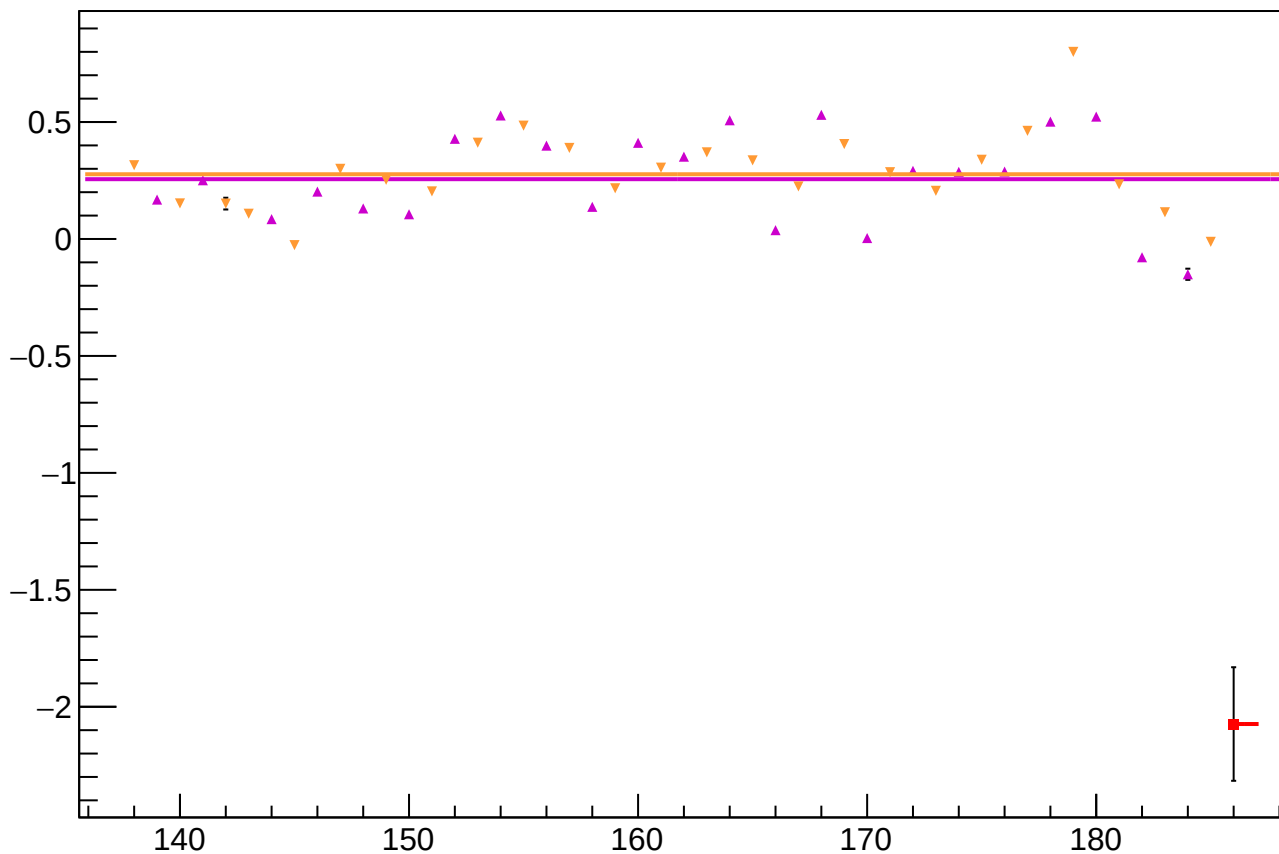
Left In: -53.330 $\pm$ 0.068 χ^2 /NDF: 6940.2/22

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

All: -53.748 $\pm$ 0.048 χ^2 /NDF: 15338.8/48

- sign -53.337 $\pm$ 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

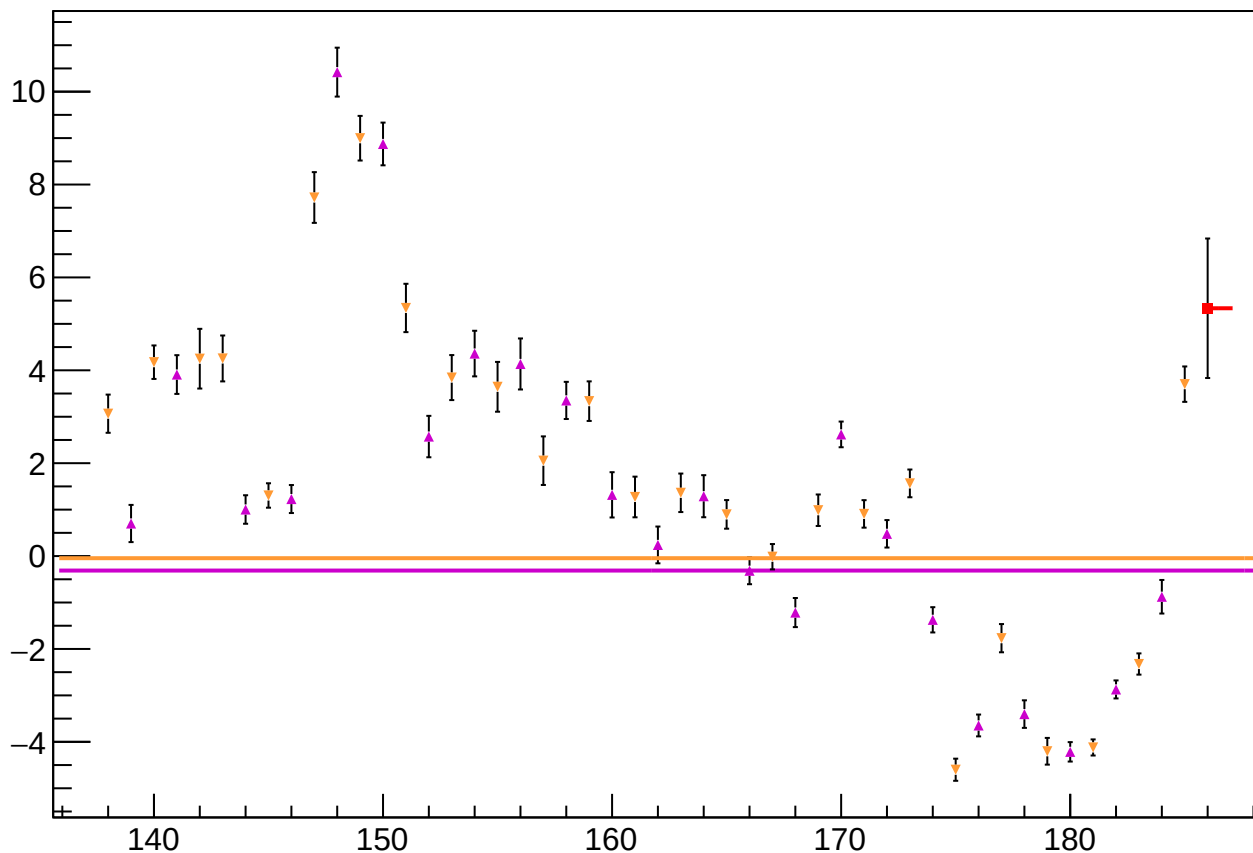
Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

+ 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

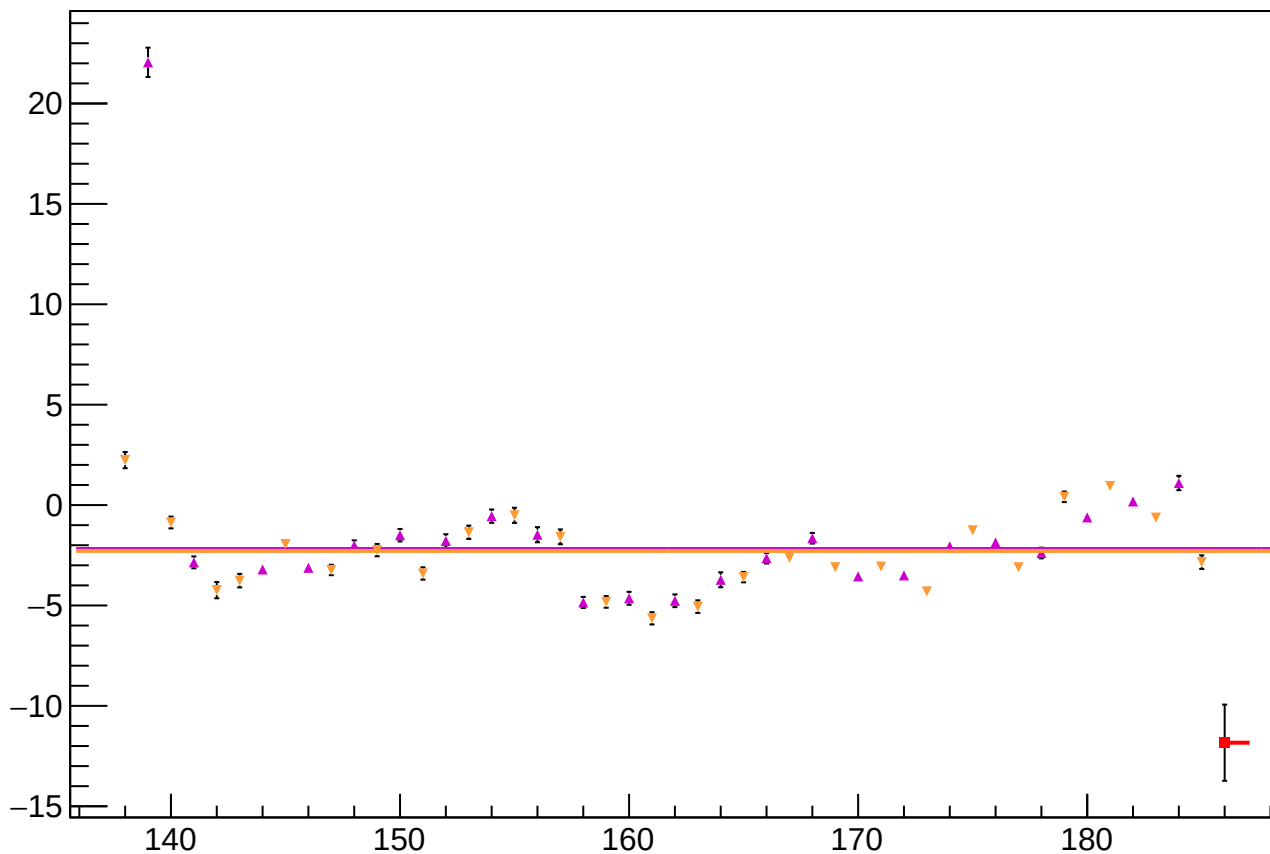
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

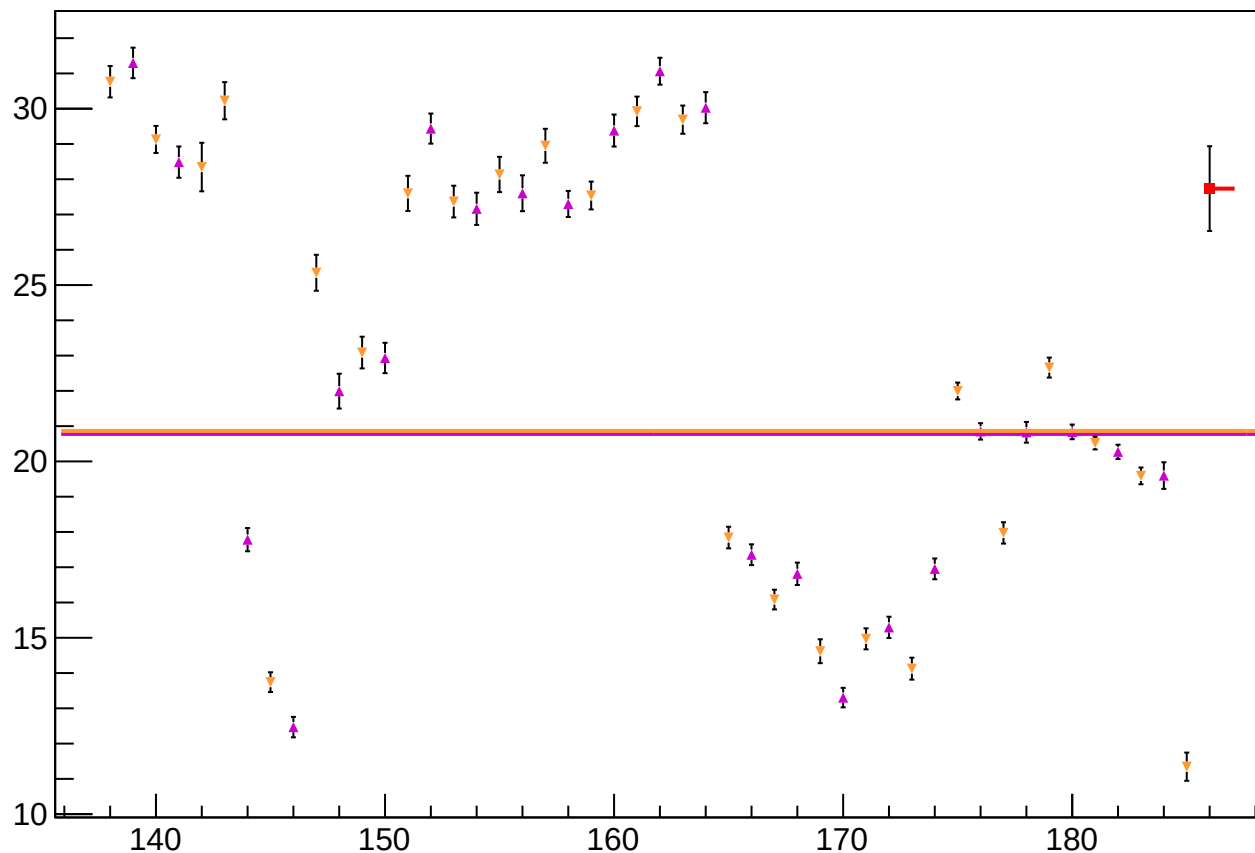
Left In: -2.190+/-0.055 χ^2/NDF :1785.1/22

+ 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.865+/-0.067 χ^2/NDF : 6608.4/24

Right Out: 27.735+/-1.202 χ^2/NDF : 0.0/0

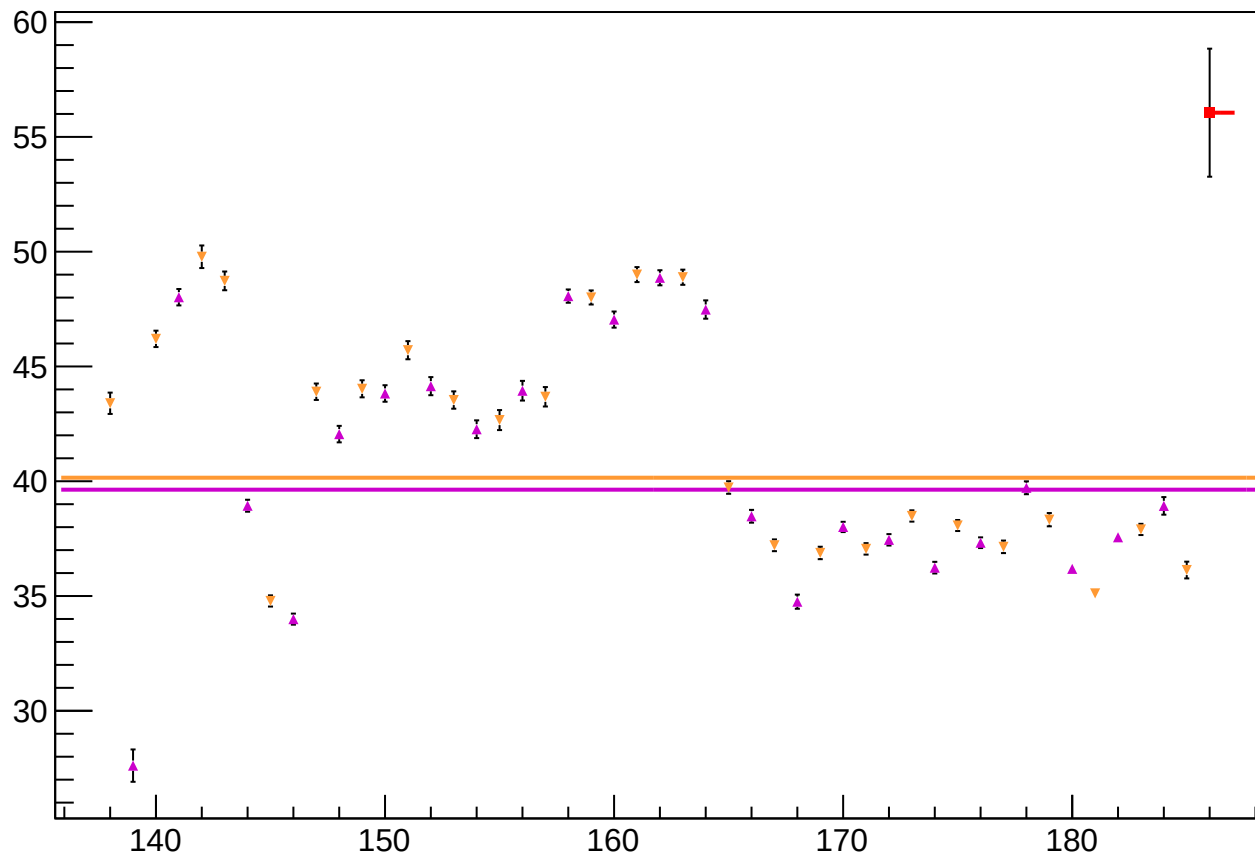
Left In: 20.780+/-0.067 χ^2/NDF : 5988.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.833+/-0.047 χ^2/NDF : 12630.2/48

- sign 20.801+/-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

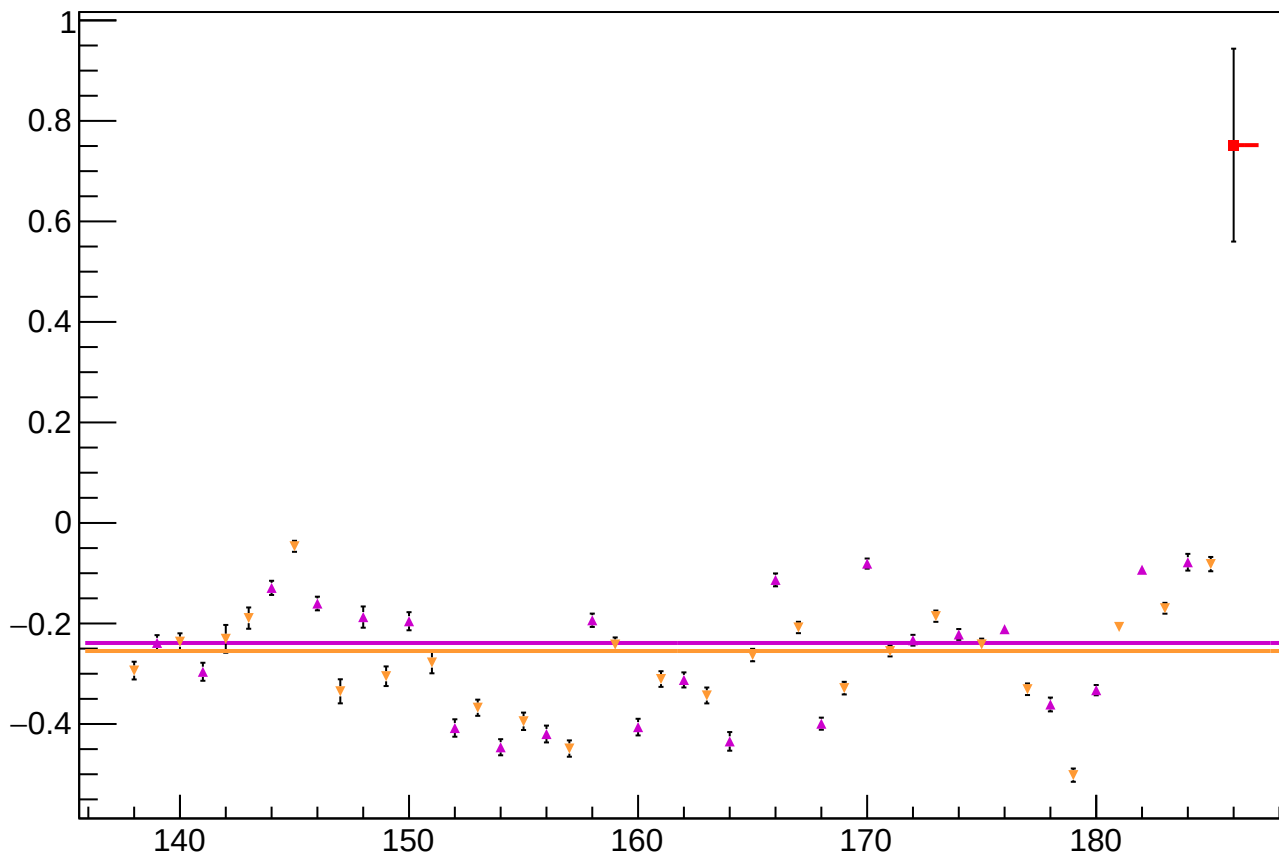
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ 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

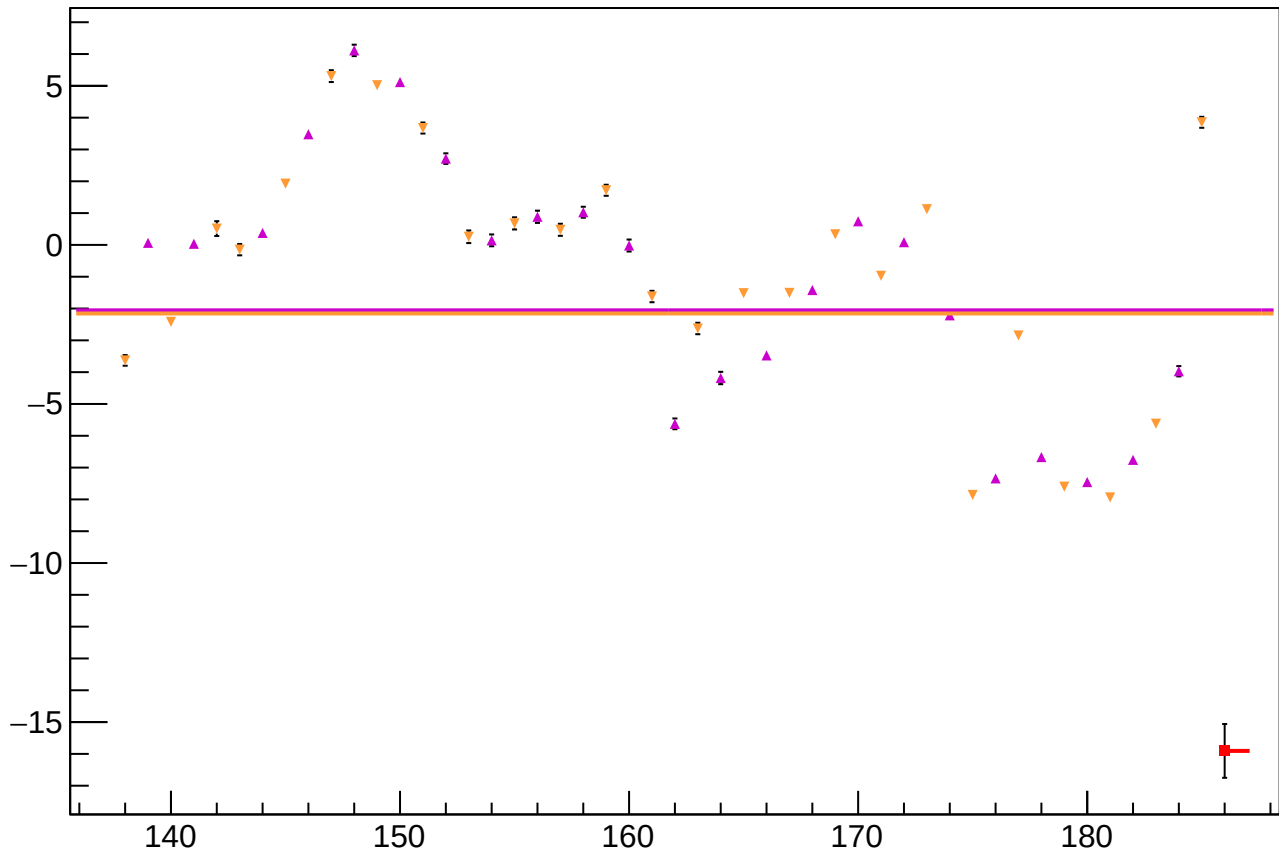
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.255 $\pm$ 0.003 χ^2 /NDF:1417.7/24
 Right Out: 0.752 $\pm$ 0.192 χ^2 /NDF: 0.0/0
 Left In: -0.239 $\pm$ 0.003 χ^2 /NDF:1750.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.247 $\pm$ 0.002 χ^2 /NDF: 3211.5/48
 - sign -0.239 $\pm$ 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

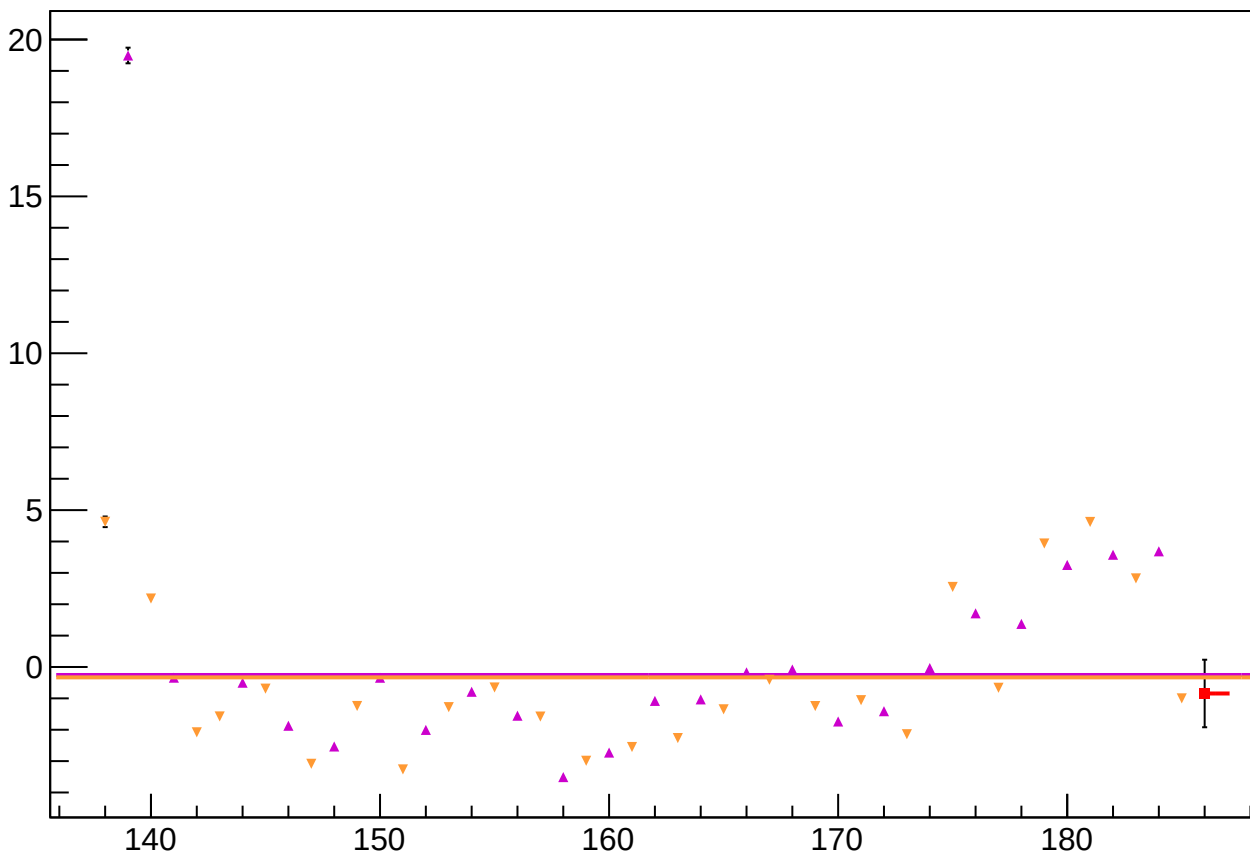
Left In: -2.058+/-0.026 χ^2/NDF : 23343.8/22

+ 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

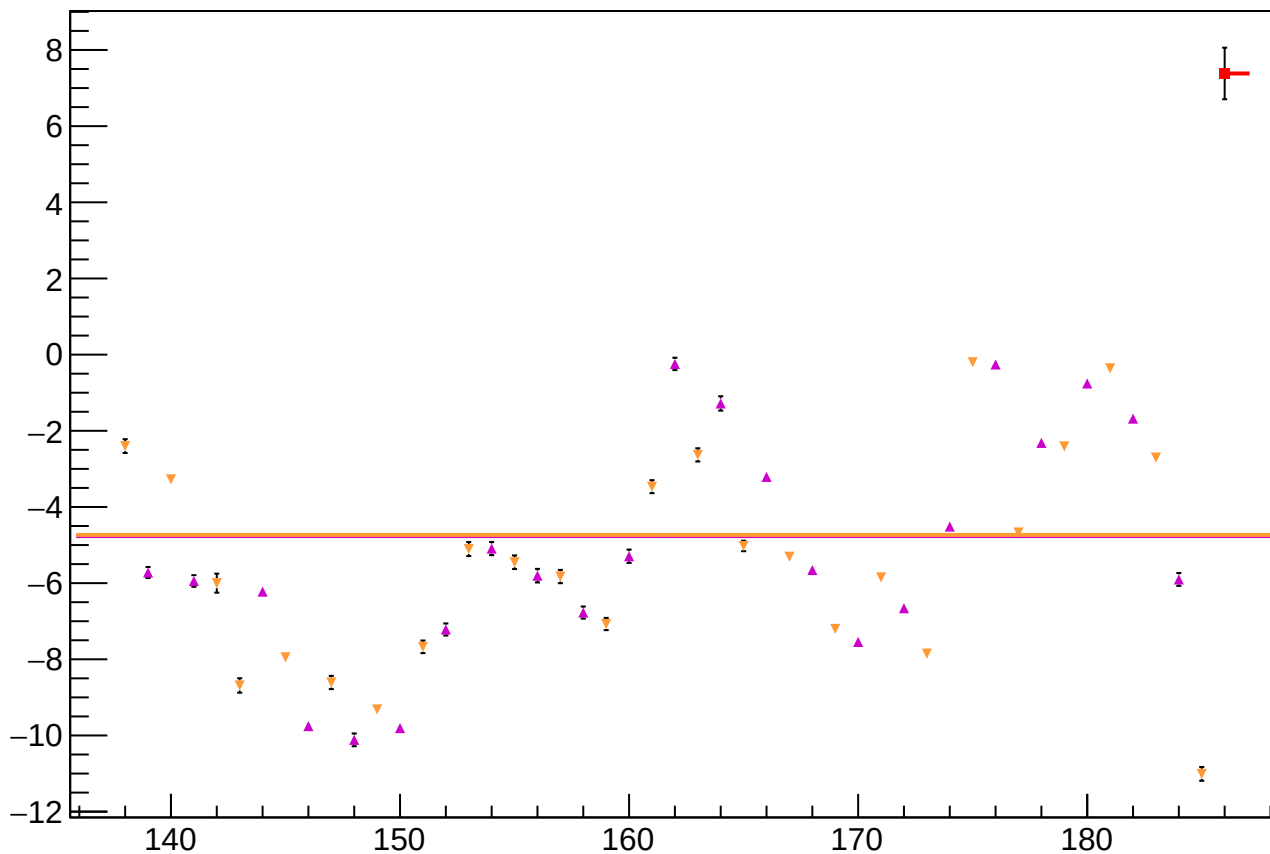
Left In: -0.255+/-0.021 χ^2/NDF :14162.0/22

+ 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

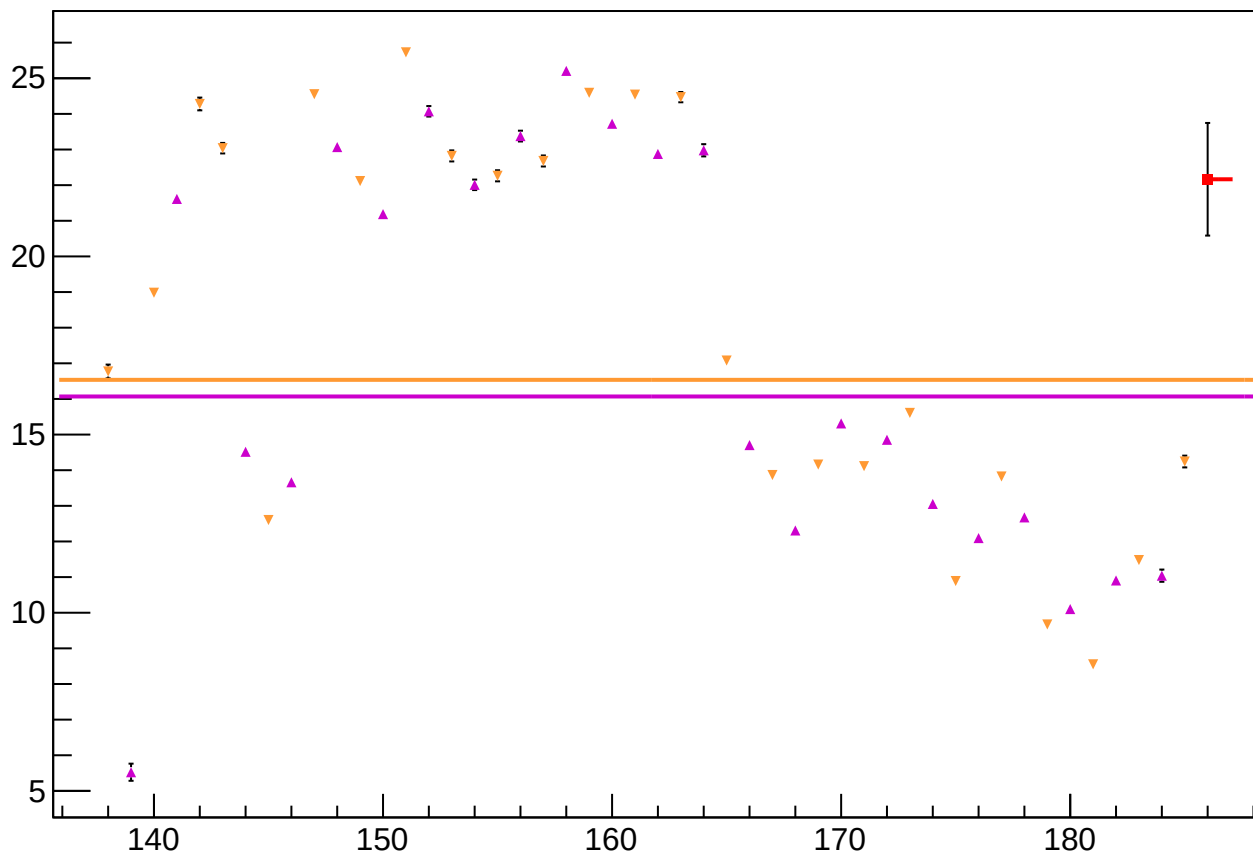
Left In: -4.764 $\pm$ 0.026 χ^2 /NDF:14163.2/22

+ 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

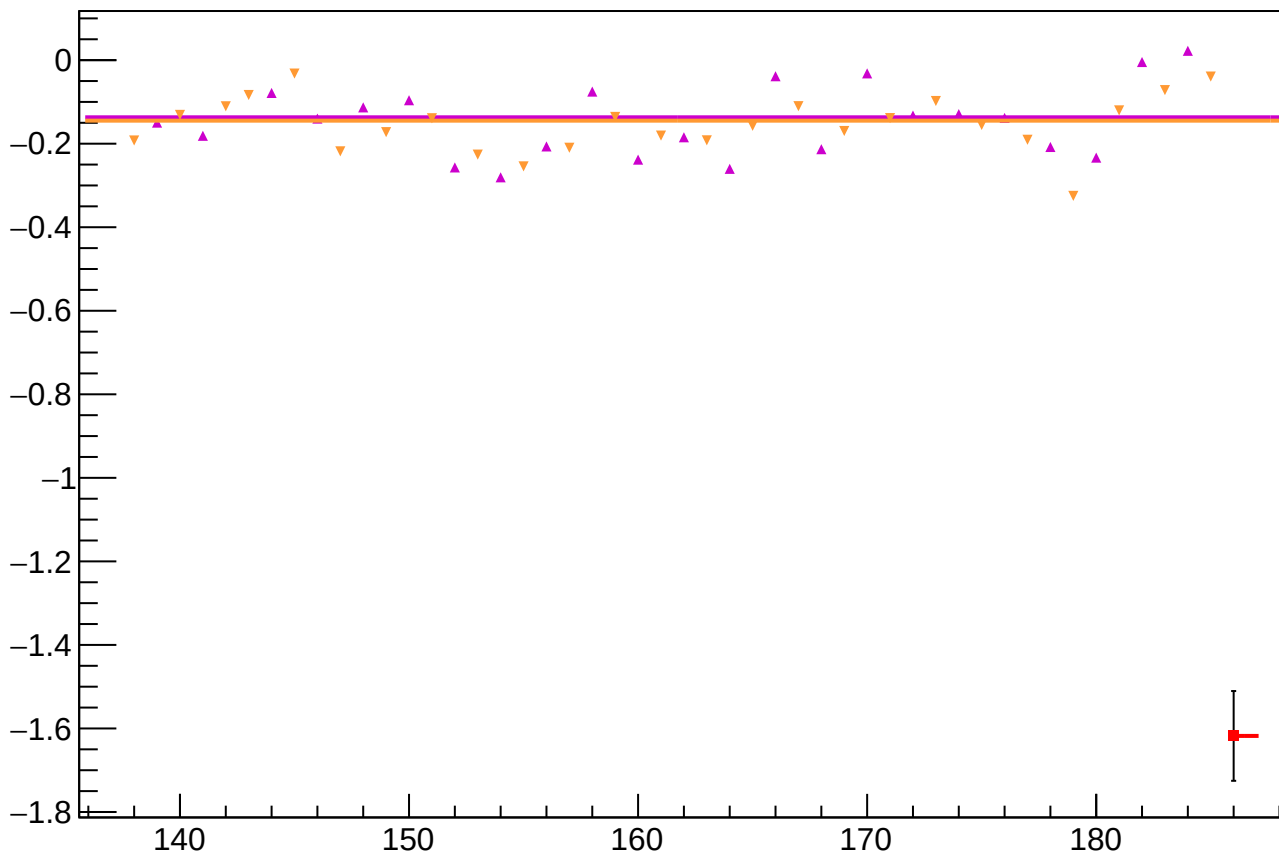
Left In: 16.069 $\pm$ 0.023 χ^2 /NDF:42736.3/22

+ 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

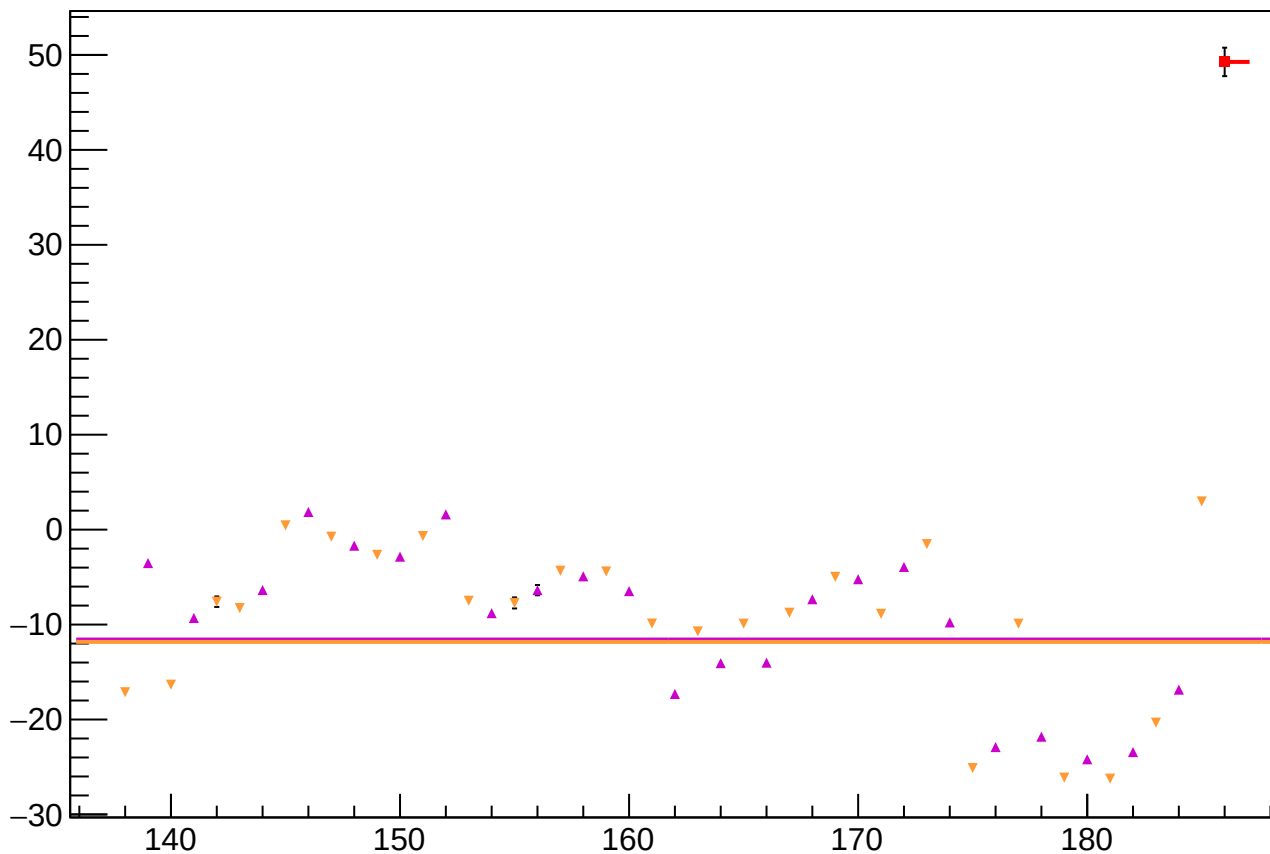
Left In: -0.137 $\pm$ 0.001 χ^2 /NDF: 5383.4/22

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

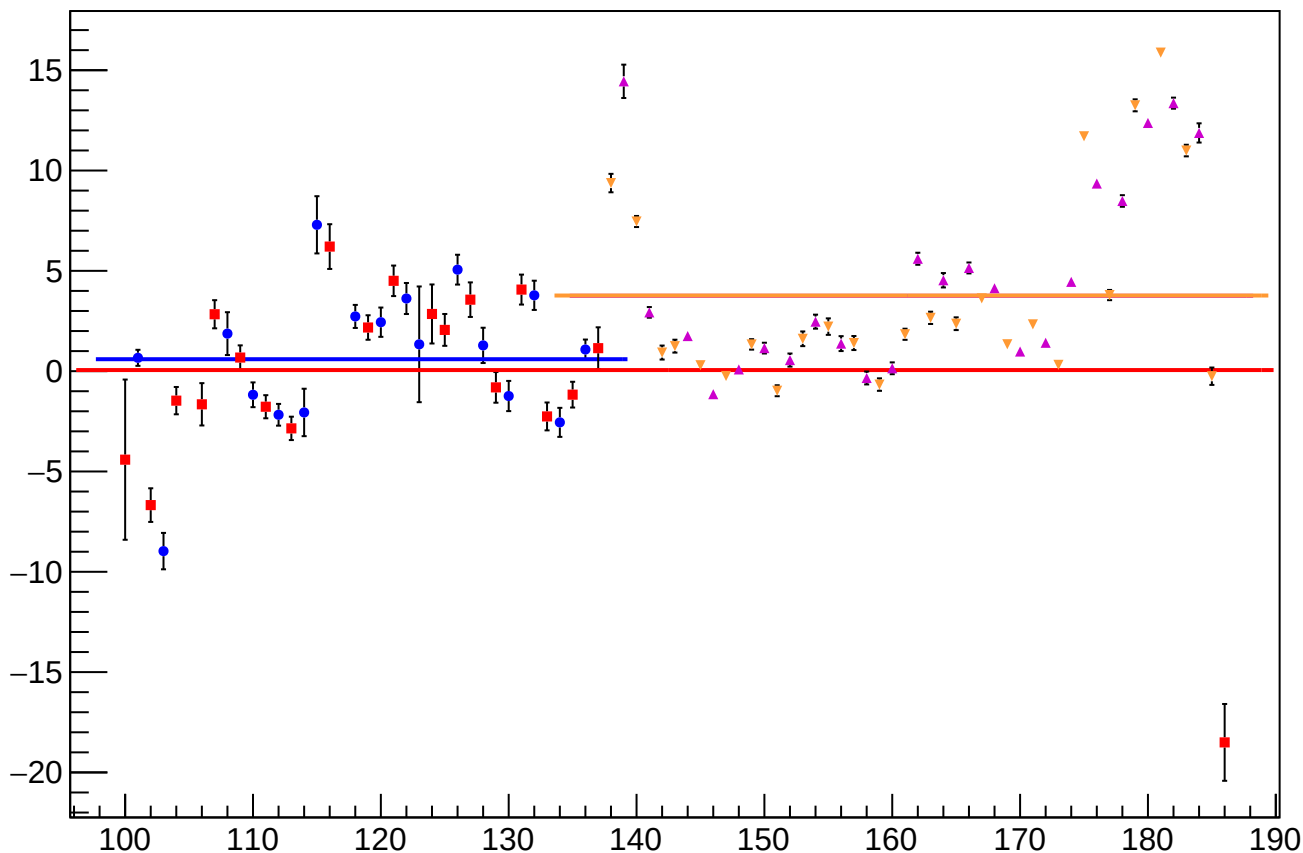
All: -0.141 $\pm$ 0.001 χ^2 /NDF: 9356.1/48

- 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

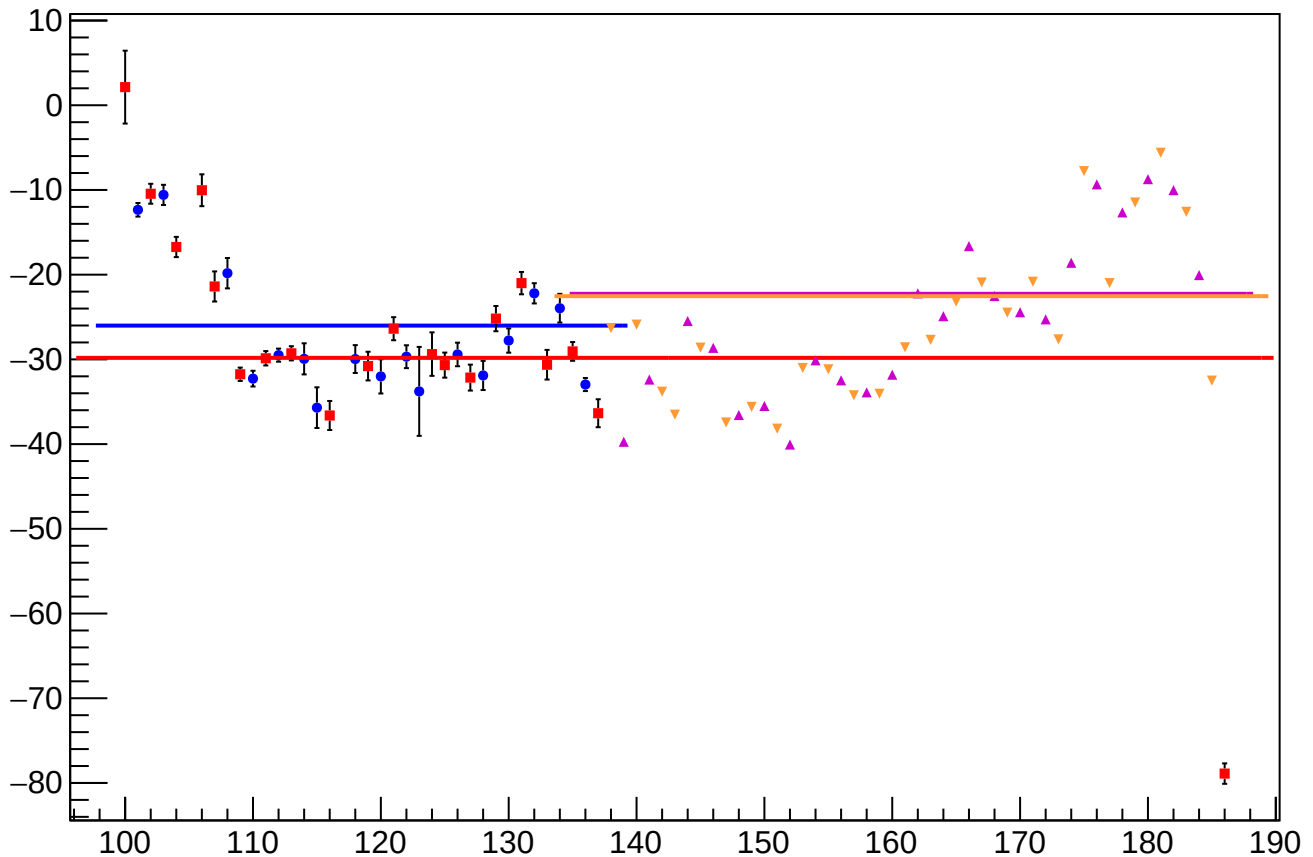
Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

+ sign 3.460 ± 0.053 χ^2/NDF : 8029.9/41

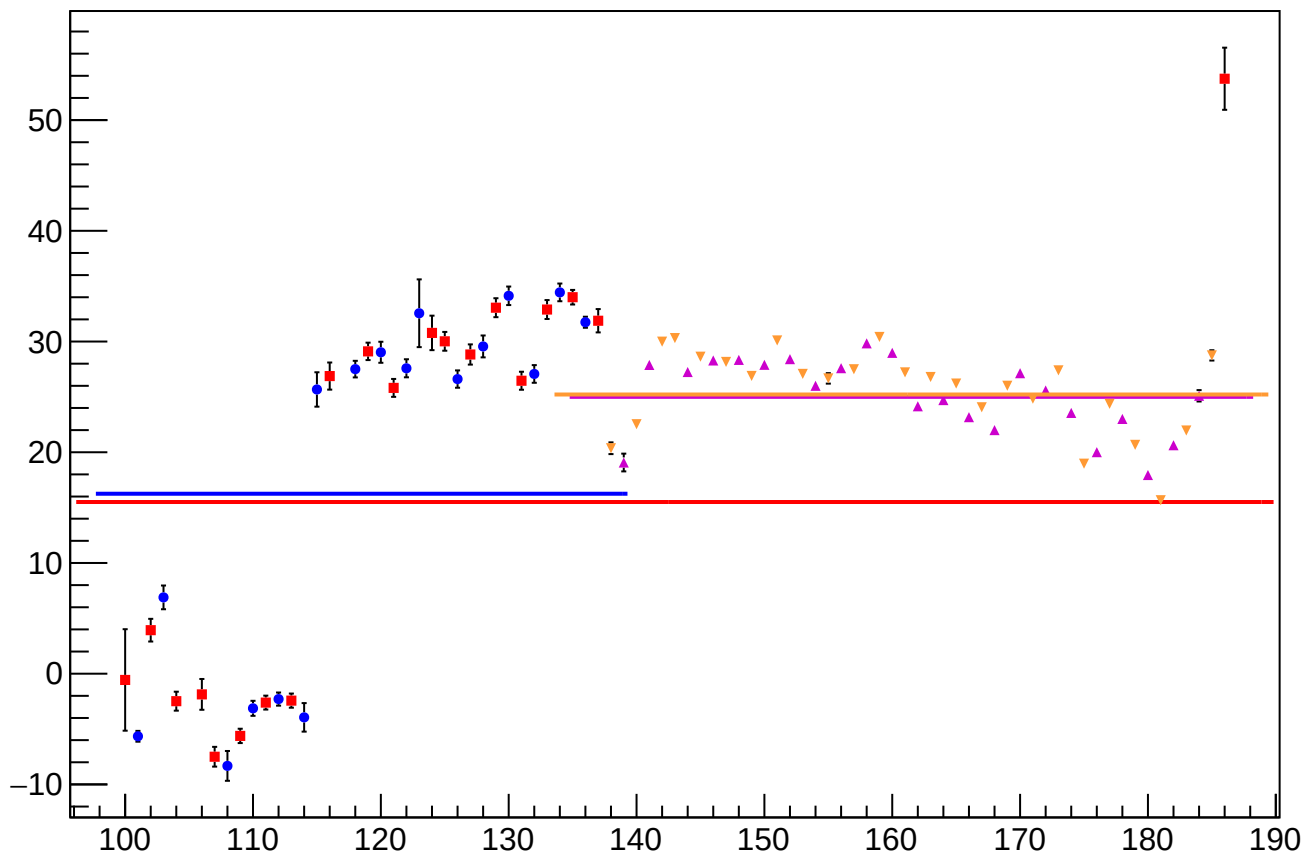
All: 3.432 ± 0.038 χ^2/NDF : 14463.5/84

- sign 3.403 ± 0.054 χ^2/NDF : 6433.0/42

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



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 $\chi^2/\text{NDF}: 7466.6/19$

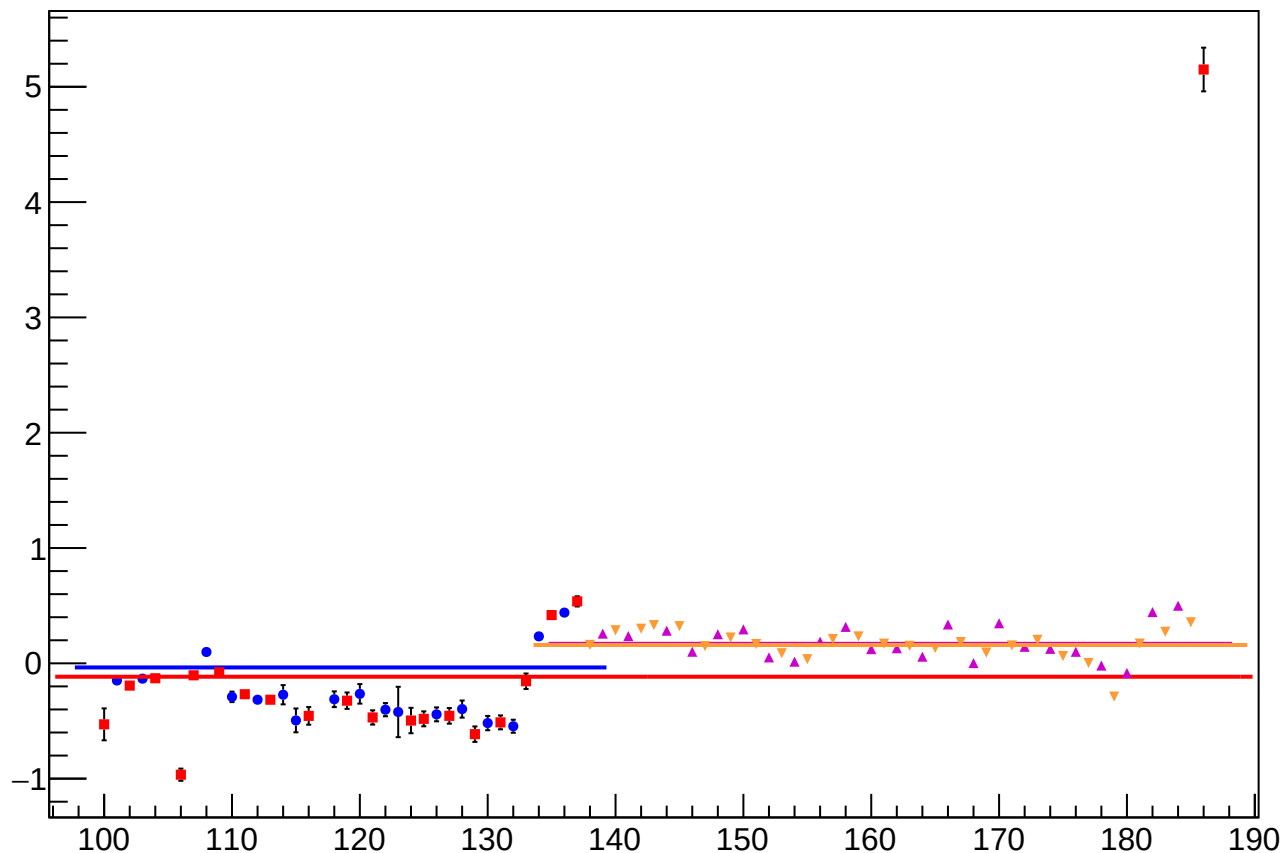
Left In: 25.005 ± 0.064 $\chi^2/\text{NDF}: 2733.7/22$

+ 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

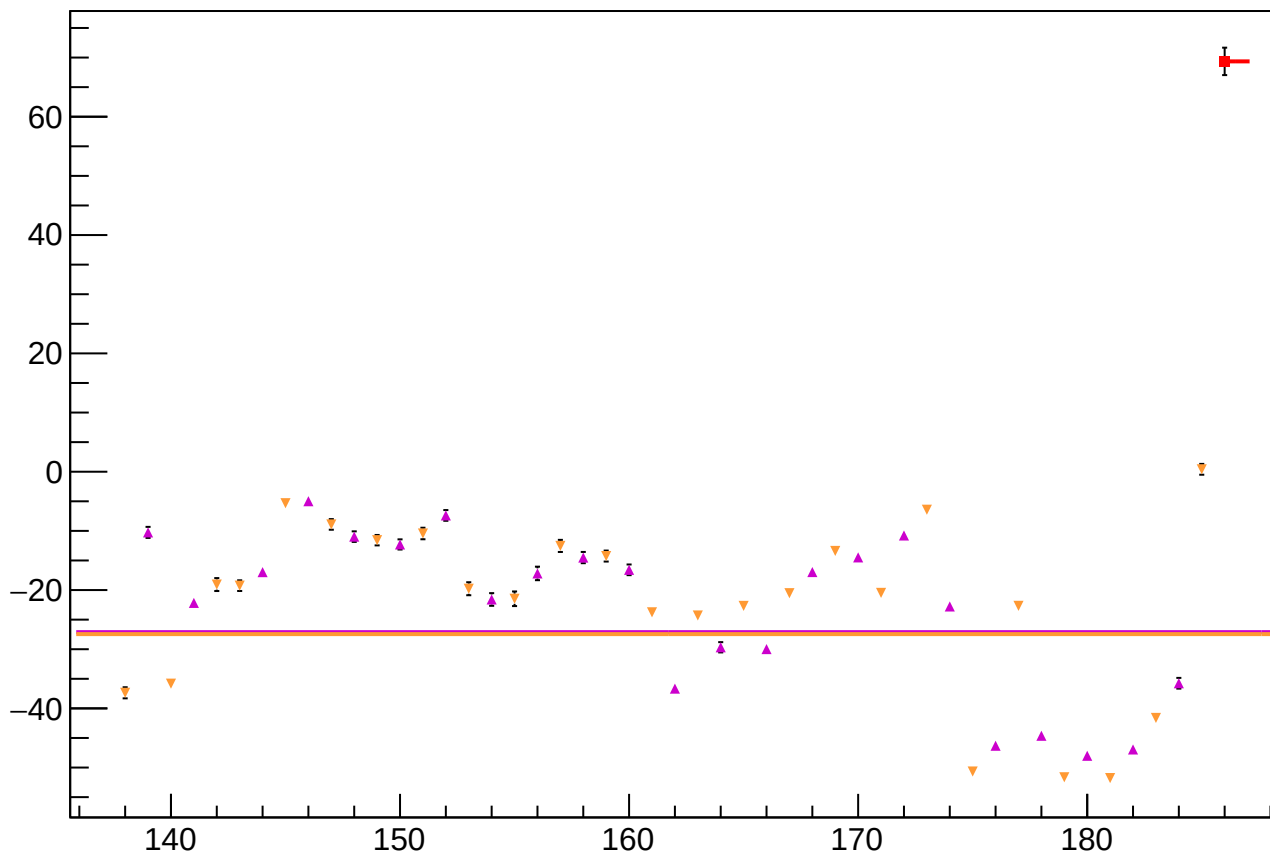
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ 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

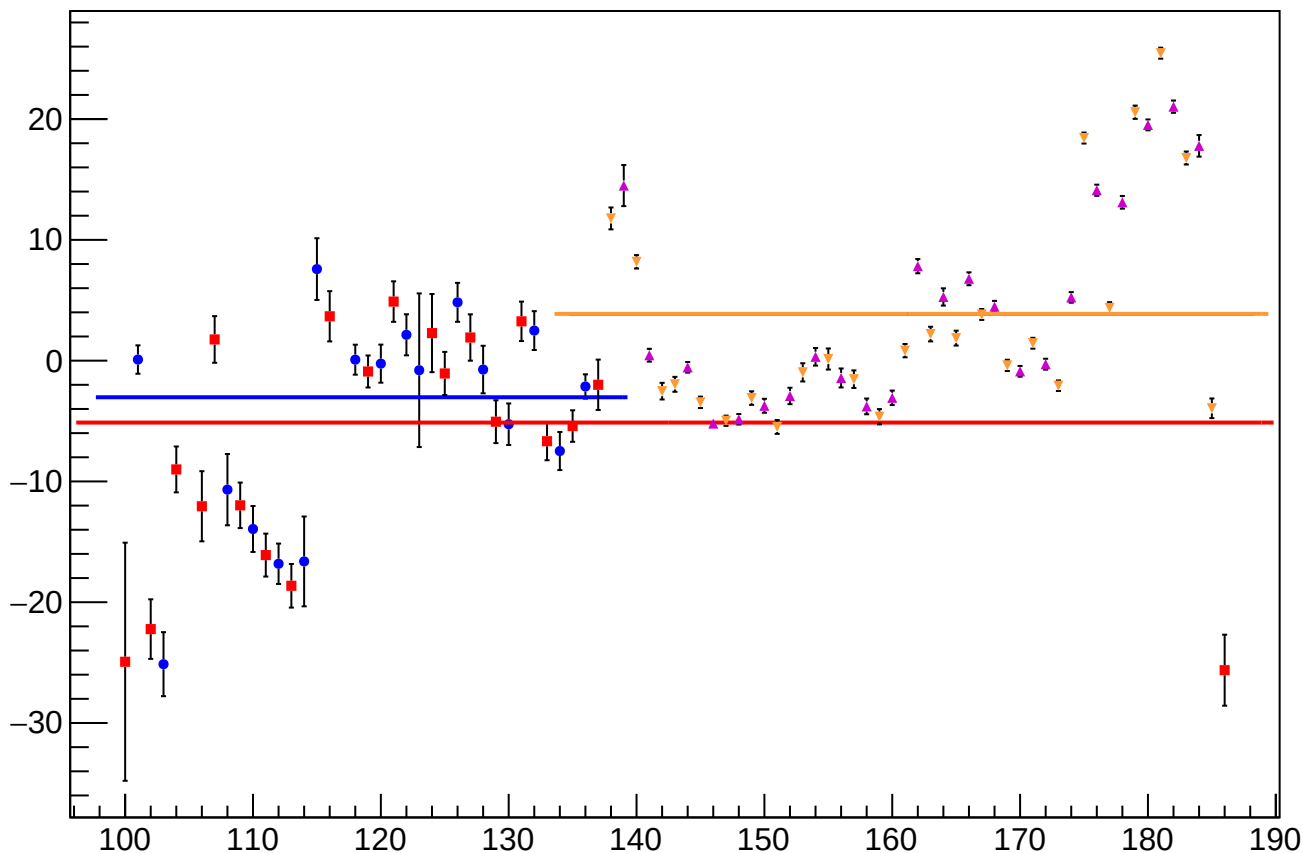
Left In: -27.114+/-0.139 χ^2/NDF :11443.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

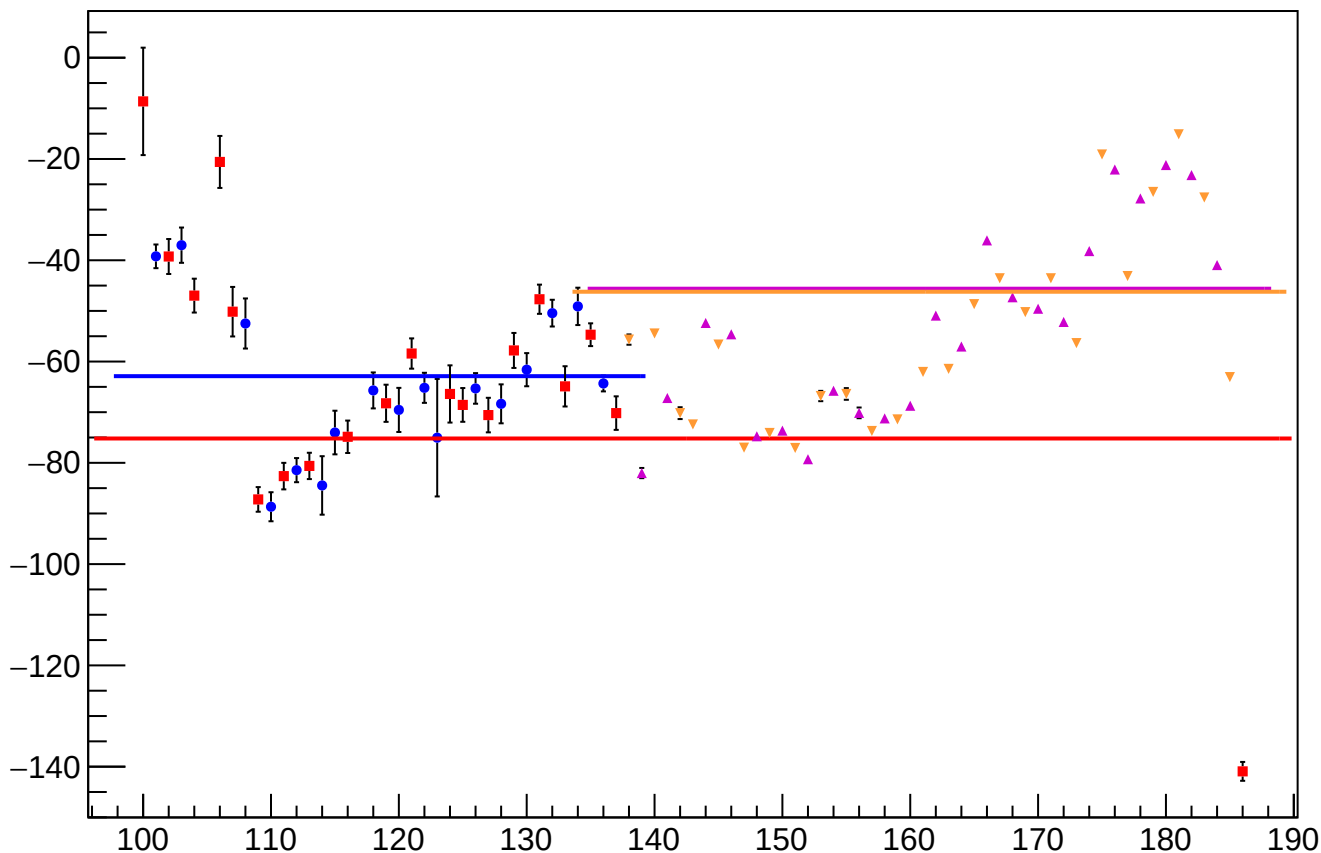
All: -27.112+/-0.097 χ^2/NDF : 28003.0/48

- sign -26.770+/-0.138 χ^2/NDF : 13170.4/23

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



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

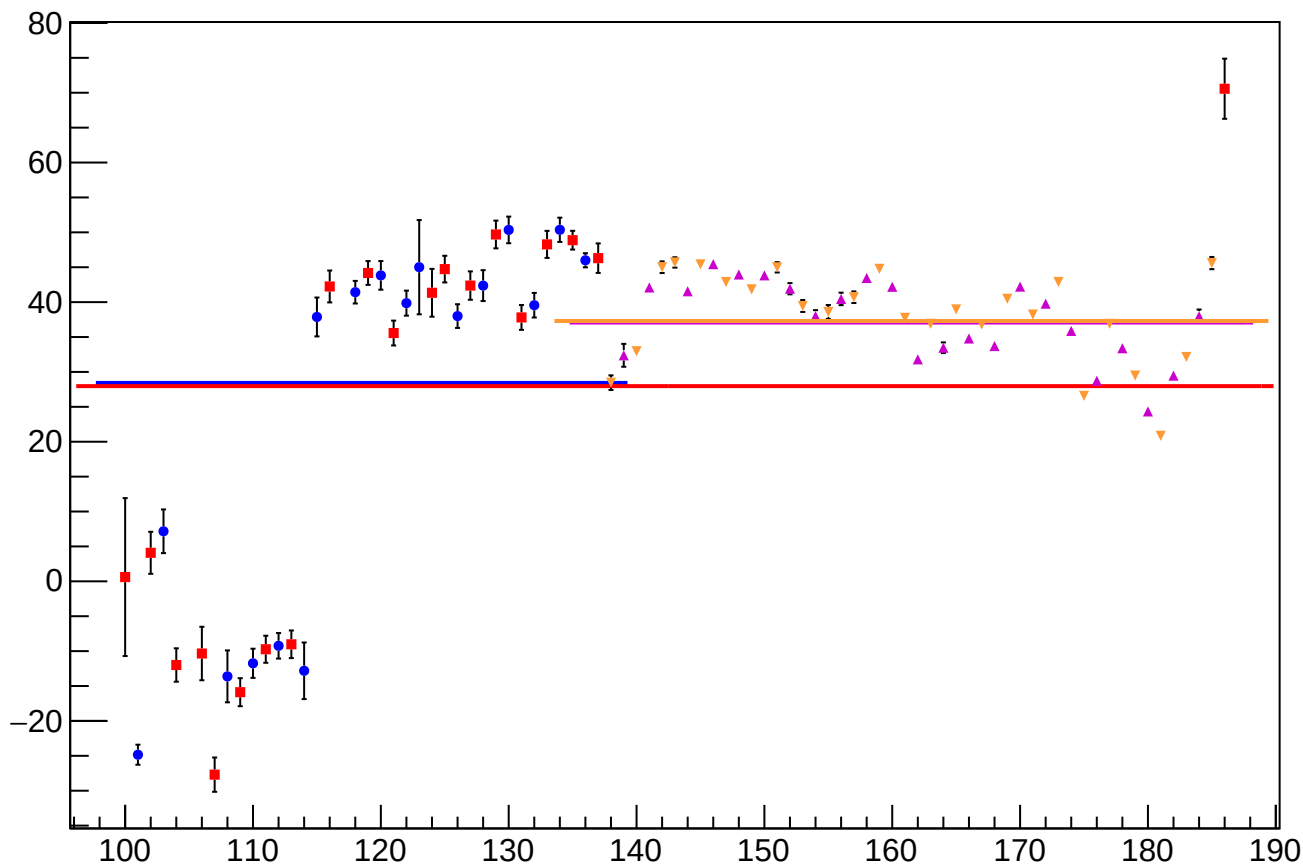
Left In: -45.616 ± 0.139 χ^2/NDF : 17743.8/22

+ 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

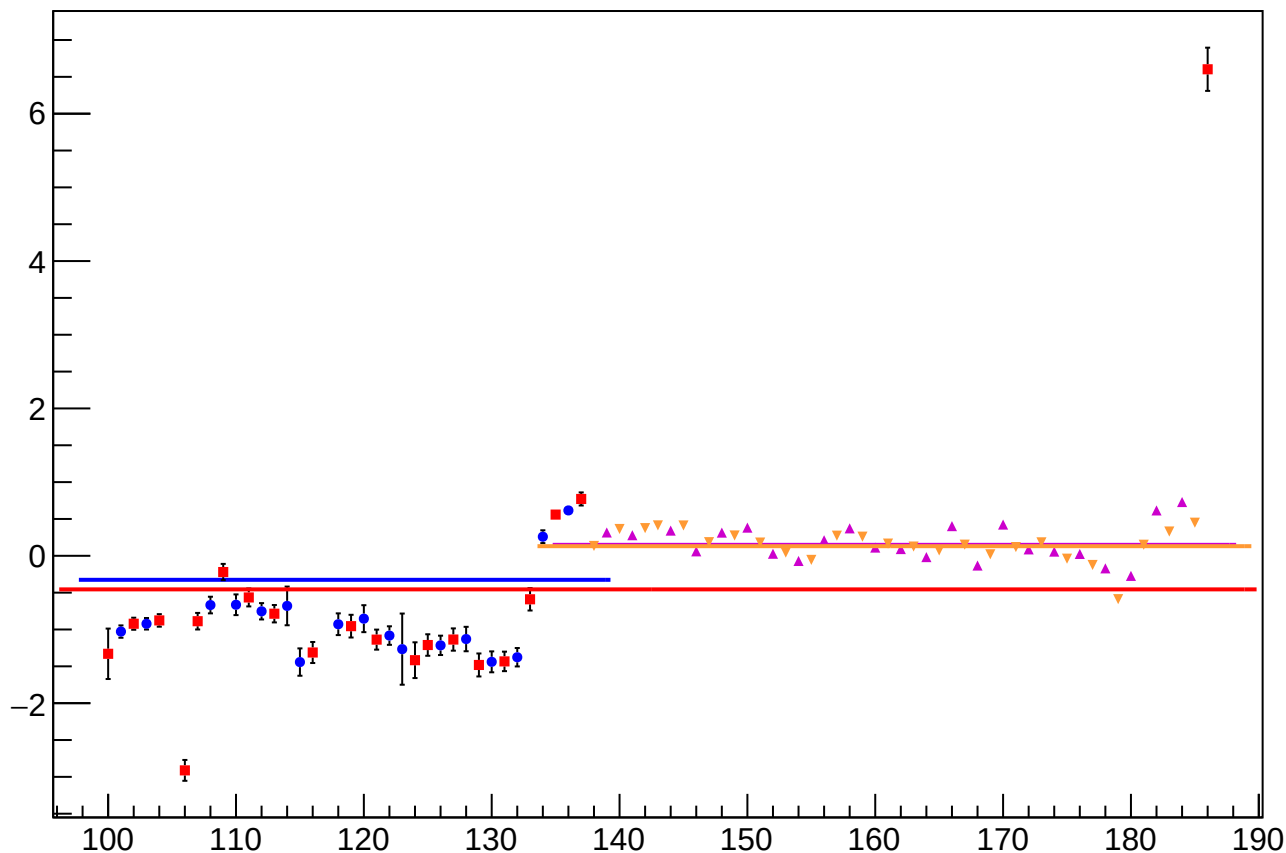
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF: 2405.4/22

+ 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

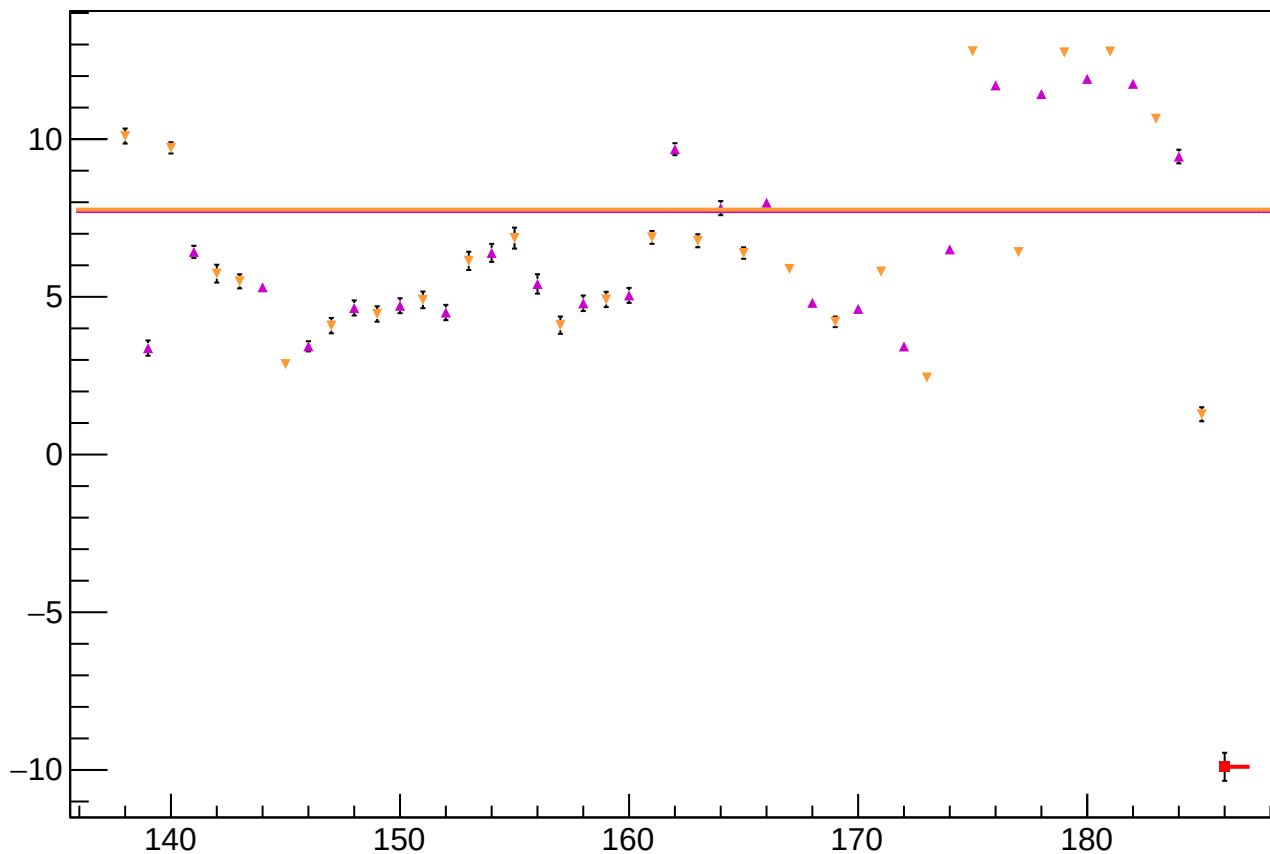
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ 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

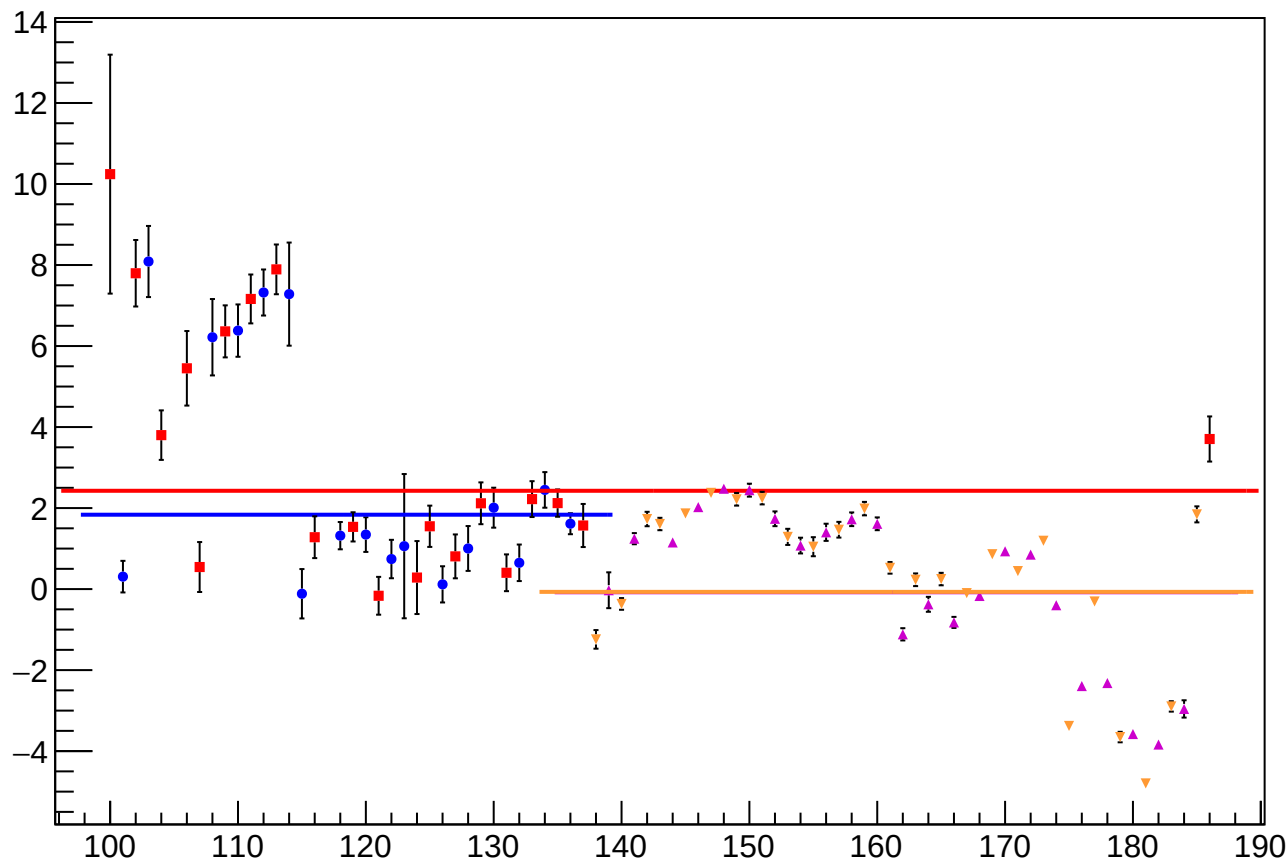
Left In: 7.719 $\pm$ 0.035 χ^2 /NDF:8490.5/22

+ 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 $\chi^2/\text{NDF}: 341.9/19$

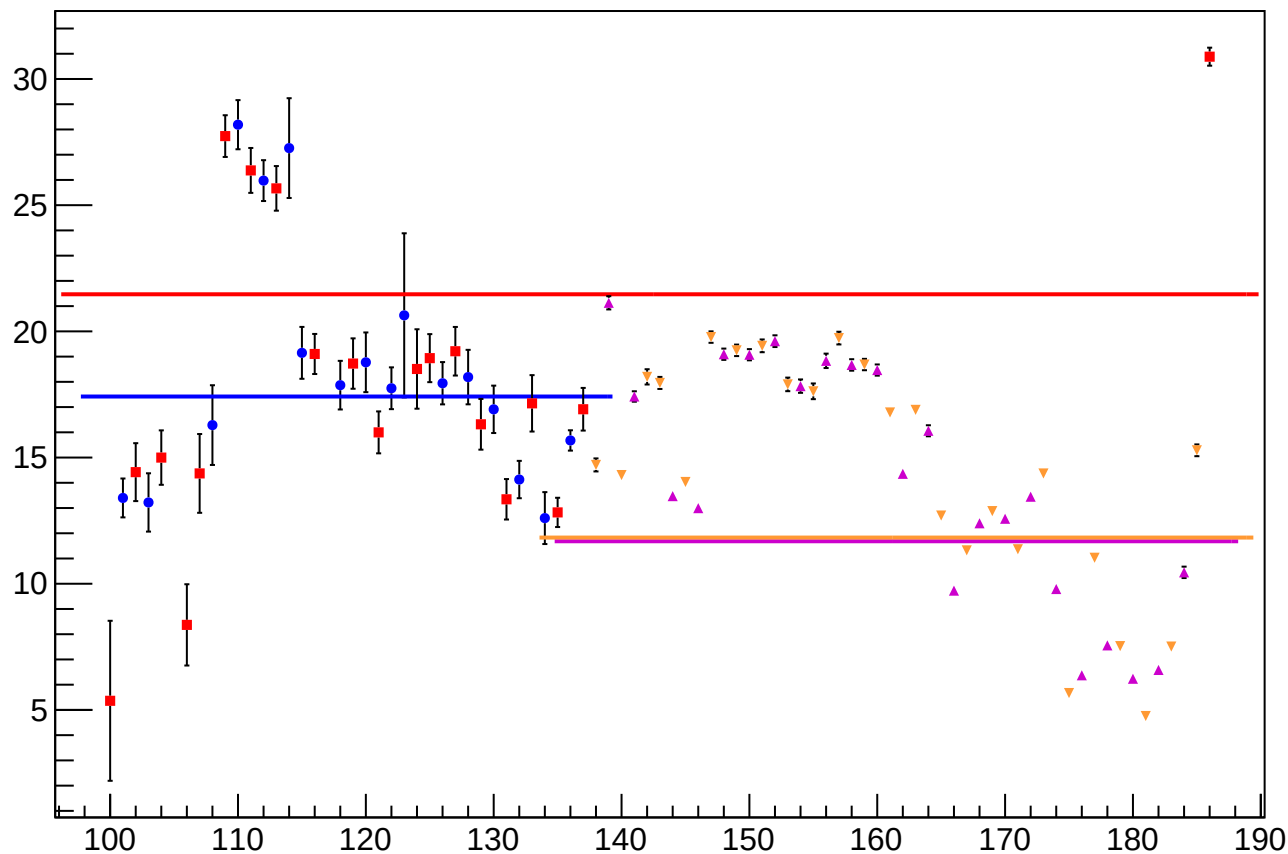
Left In: -0.079 ± 0.028 $\chi^2/\text{NDF}: 4989.1/22$

+ 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

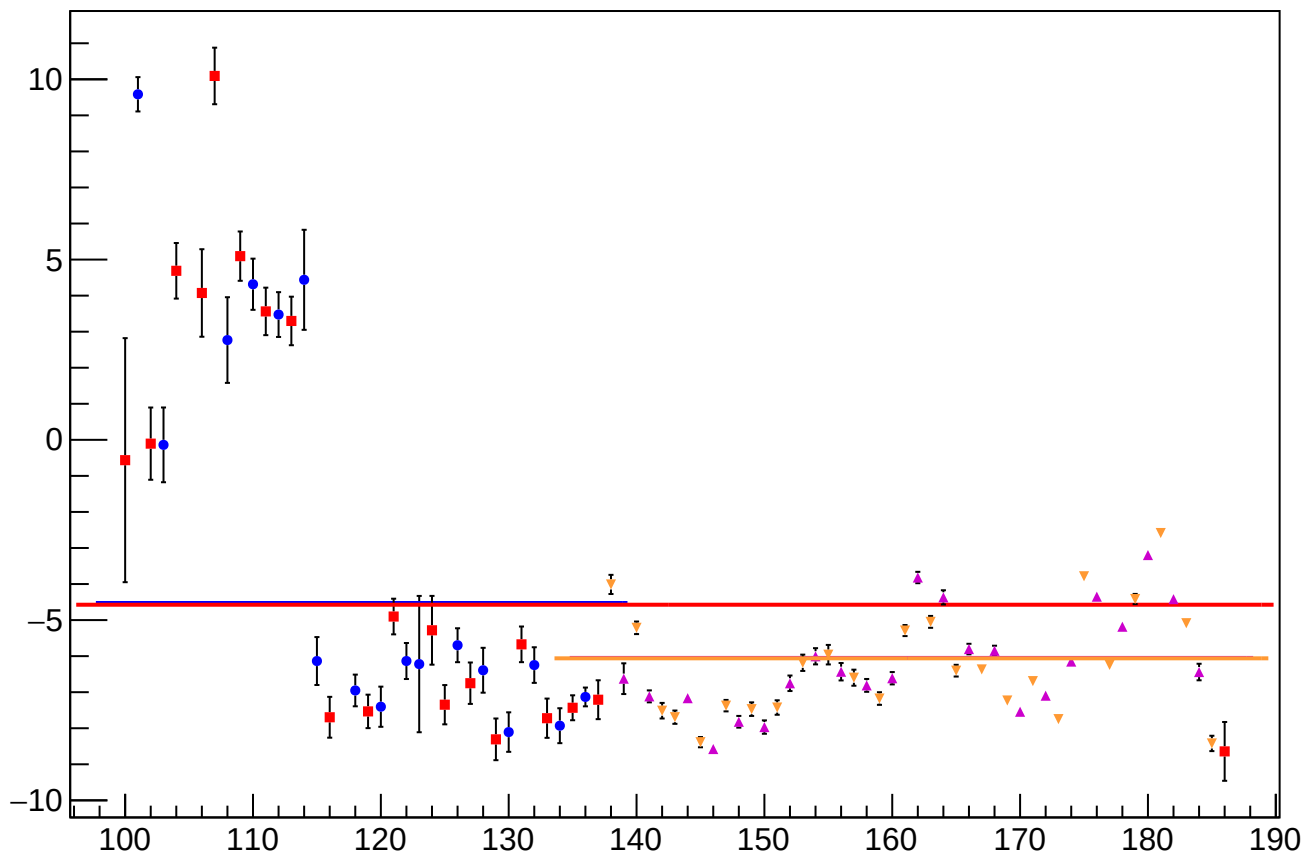
Left In: 11.683 ± 0.035 χ^2/NDF : 16927.3/22

+ 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

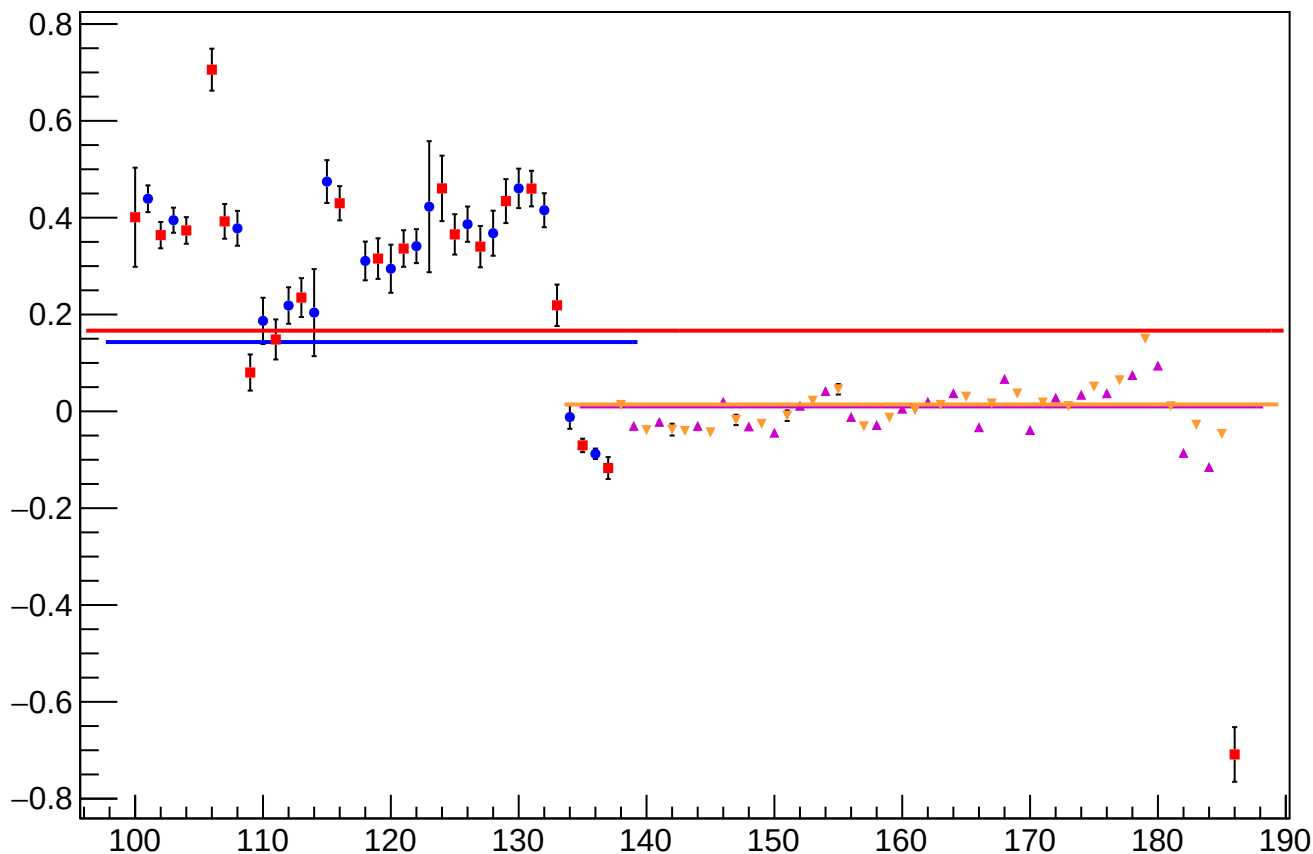
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ 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

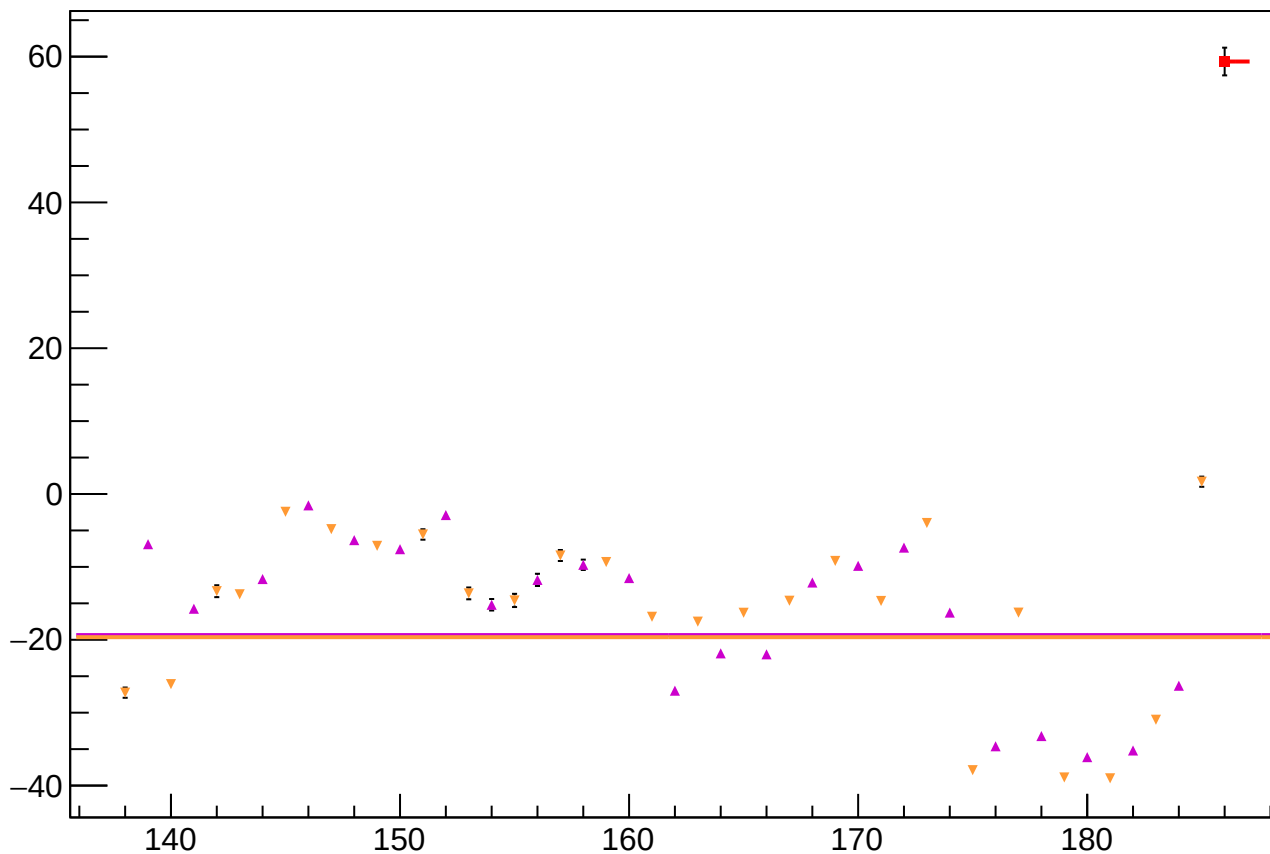
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 1224.5/22

+ 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

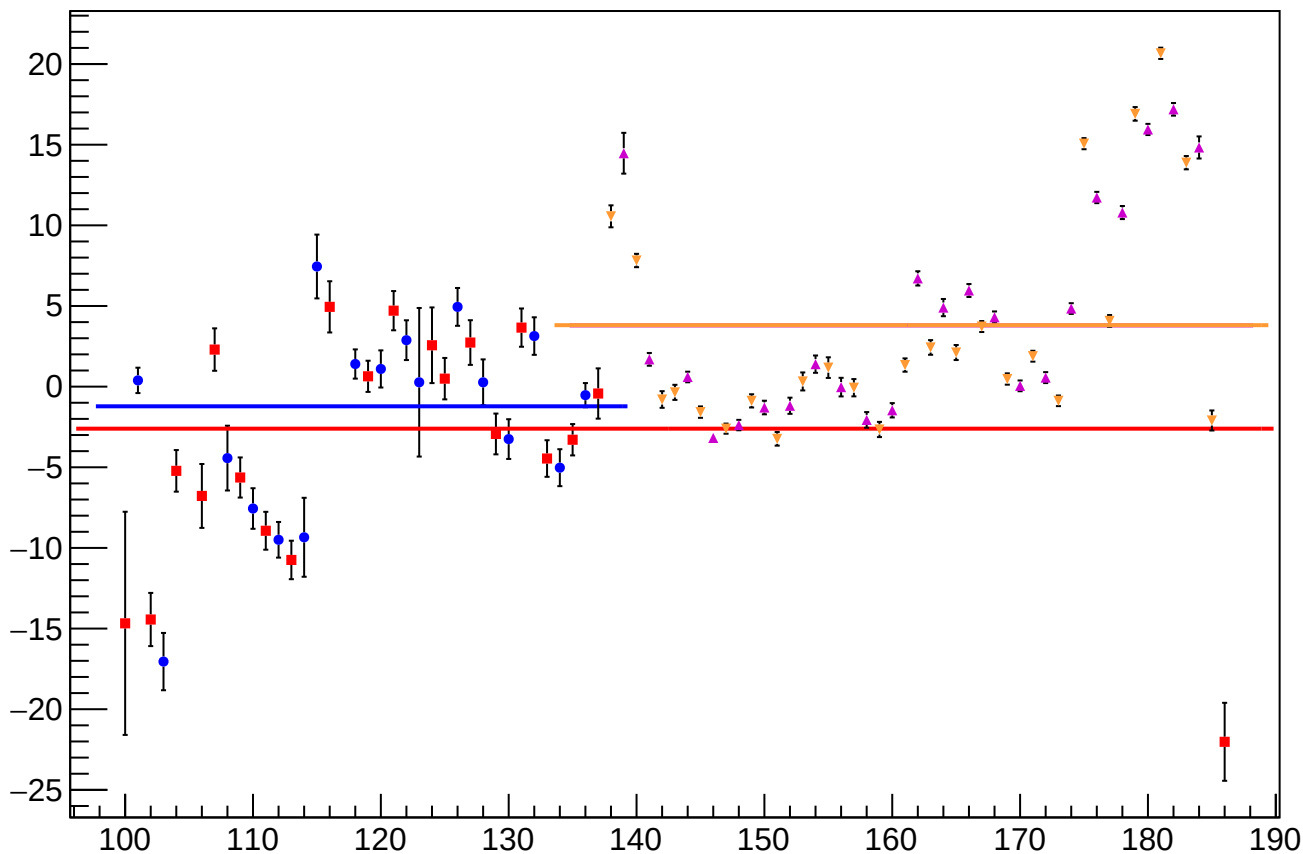
Left In: -19.355+/-0.105 χ^2/NDF :12417.1/22

+ 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

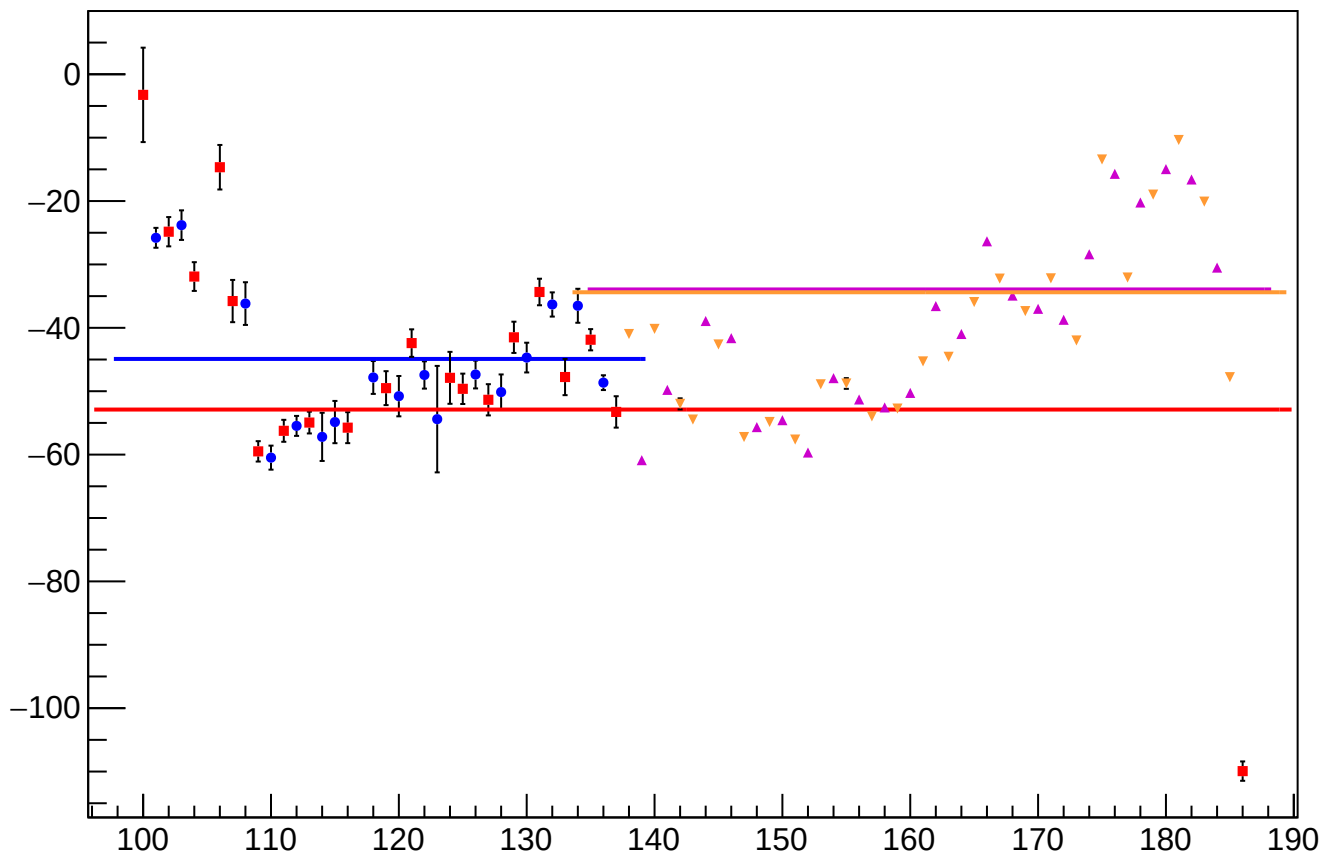
Left In: 3.795 ± 0.083 χ^2/NDF : 5534.4/22

+ 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

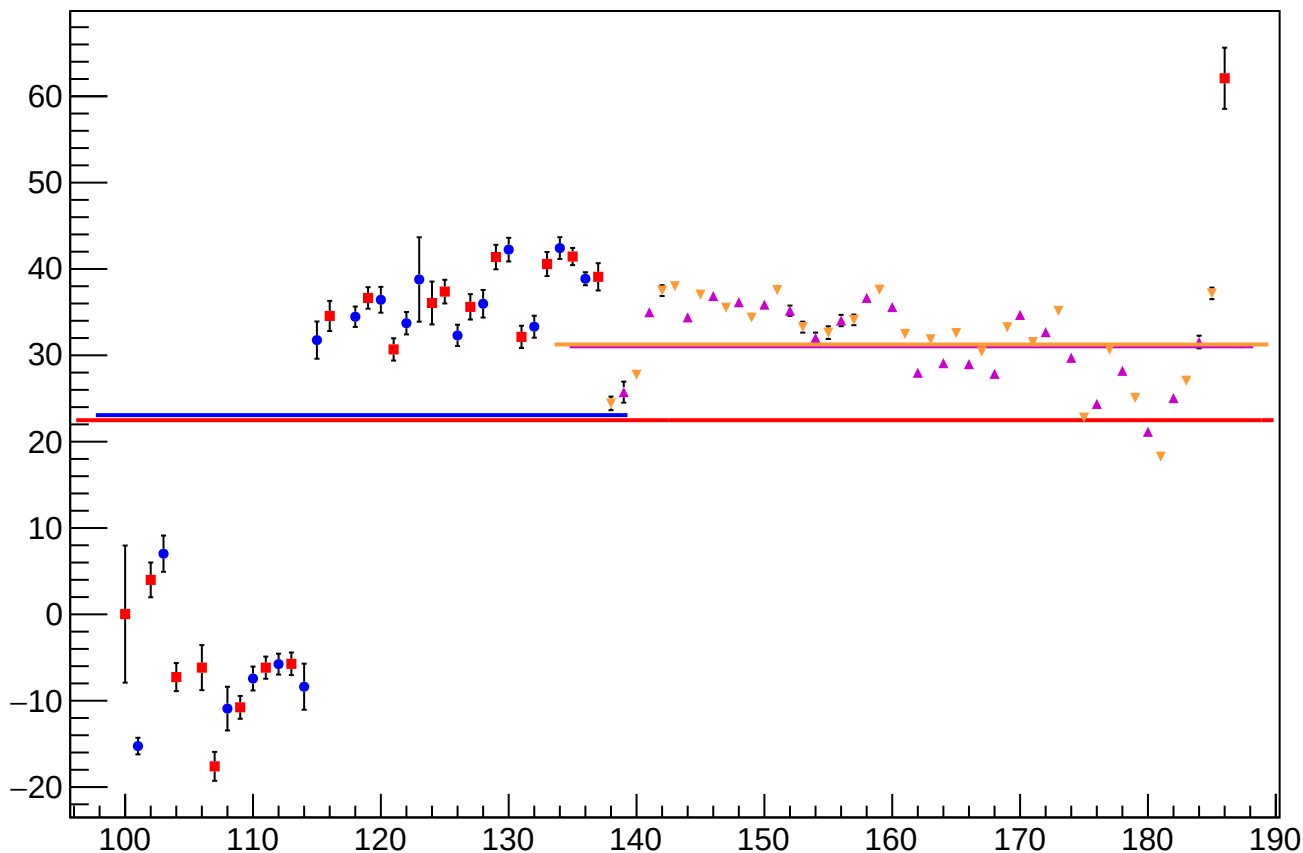
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ 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

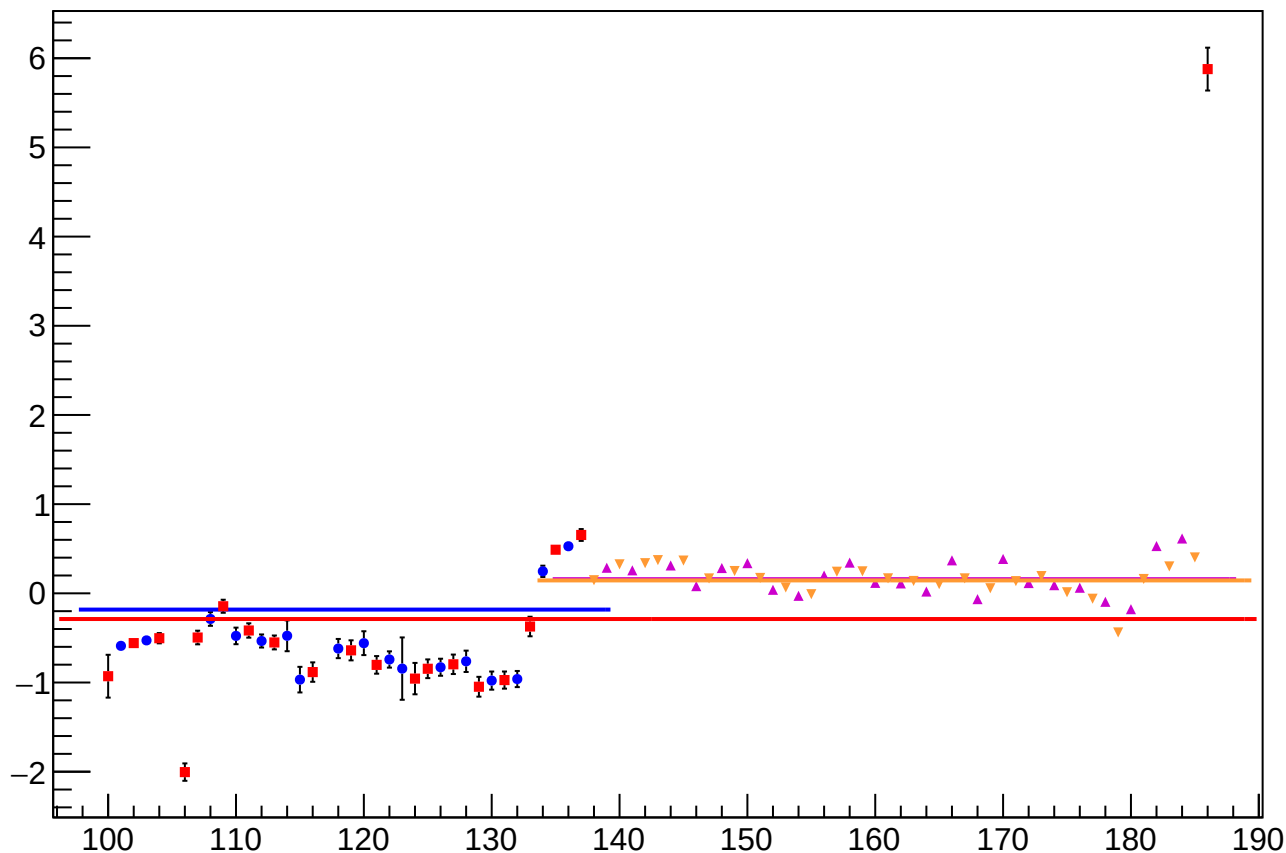
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ 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

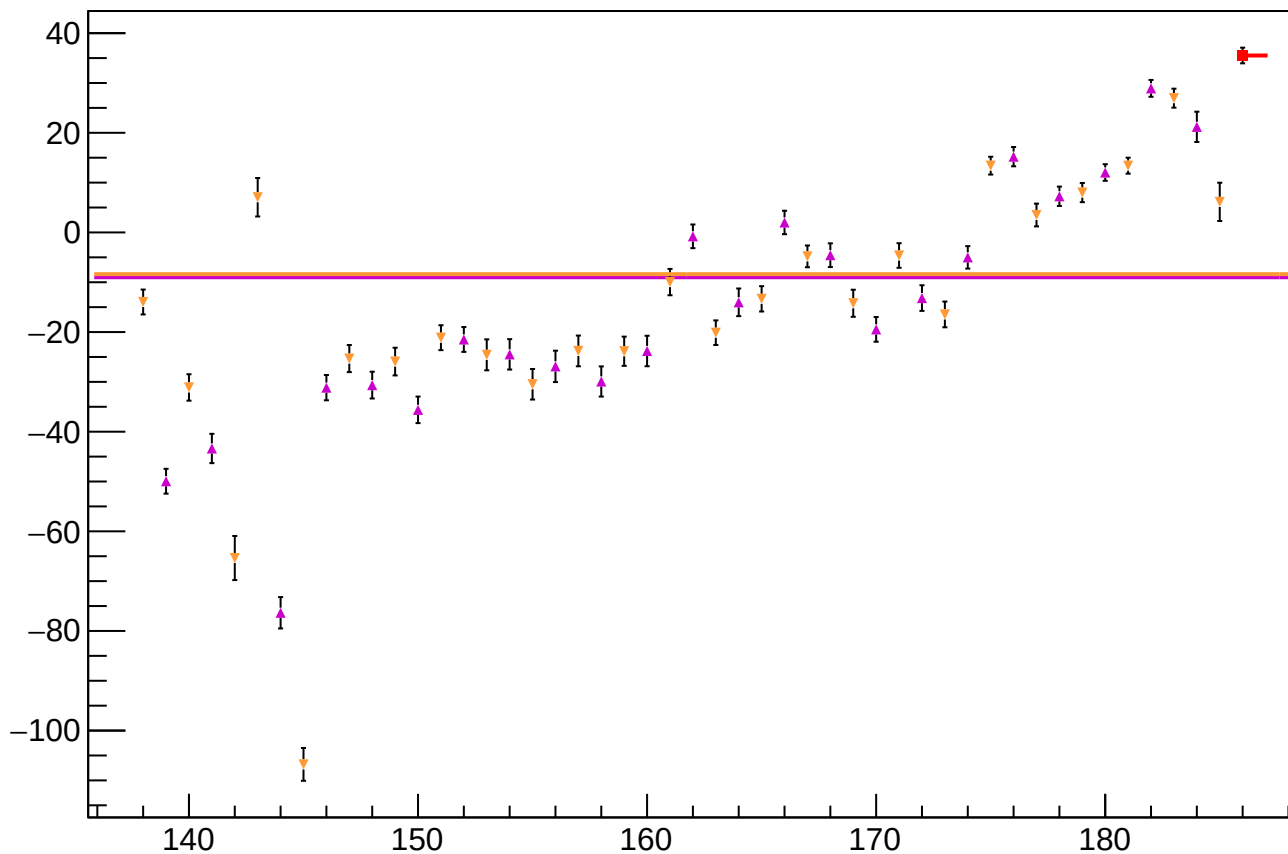
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ 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

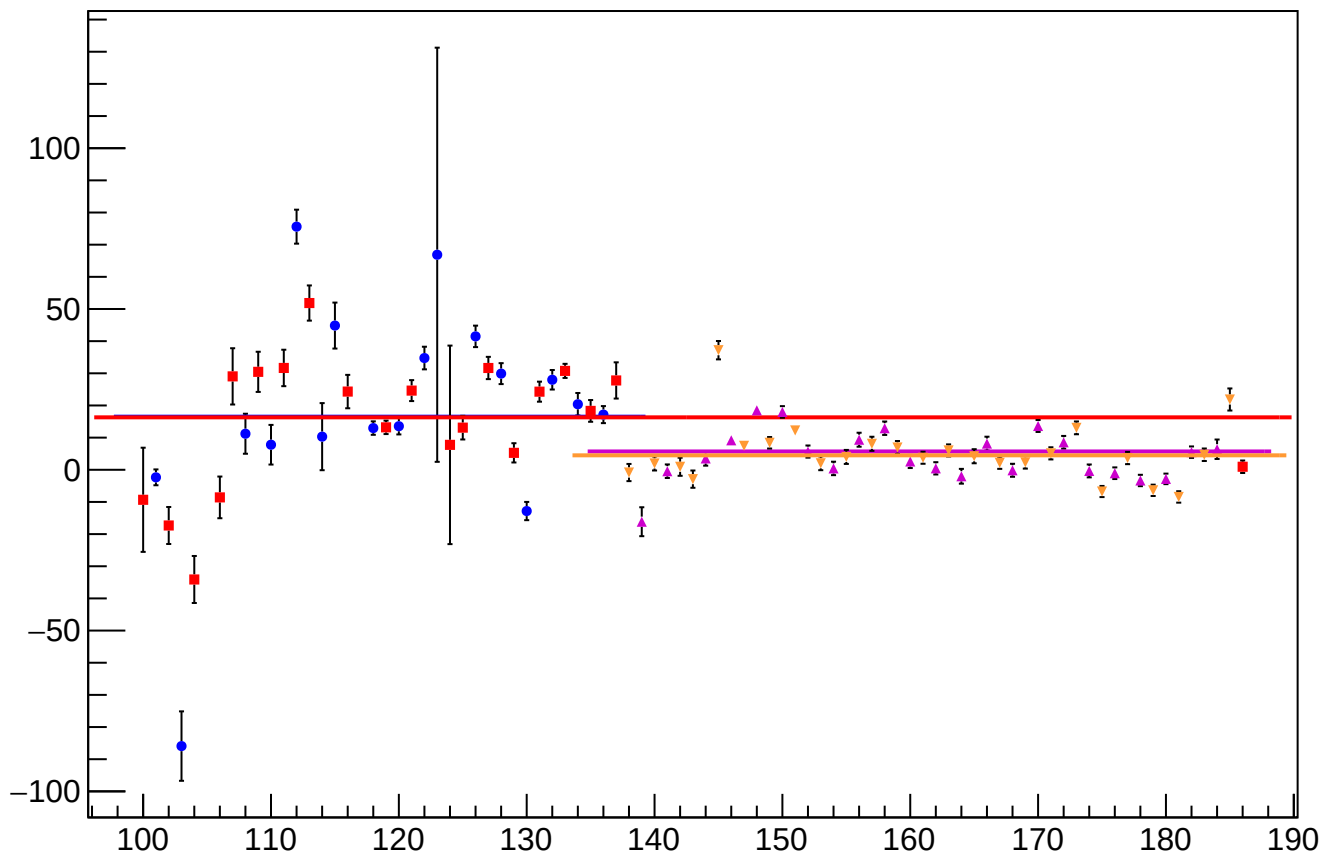
Left In: -8.995 $\pm$ 0.505 χ^2 /NDF: 2308.2/22

+ 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 $\chi^2/\text{NDF}: 318.2/19$

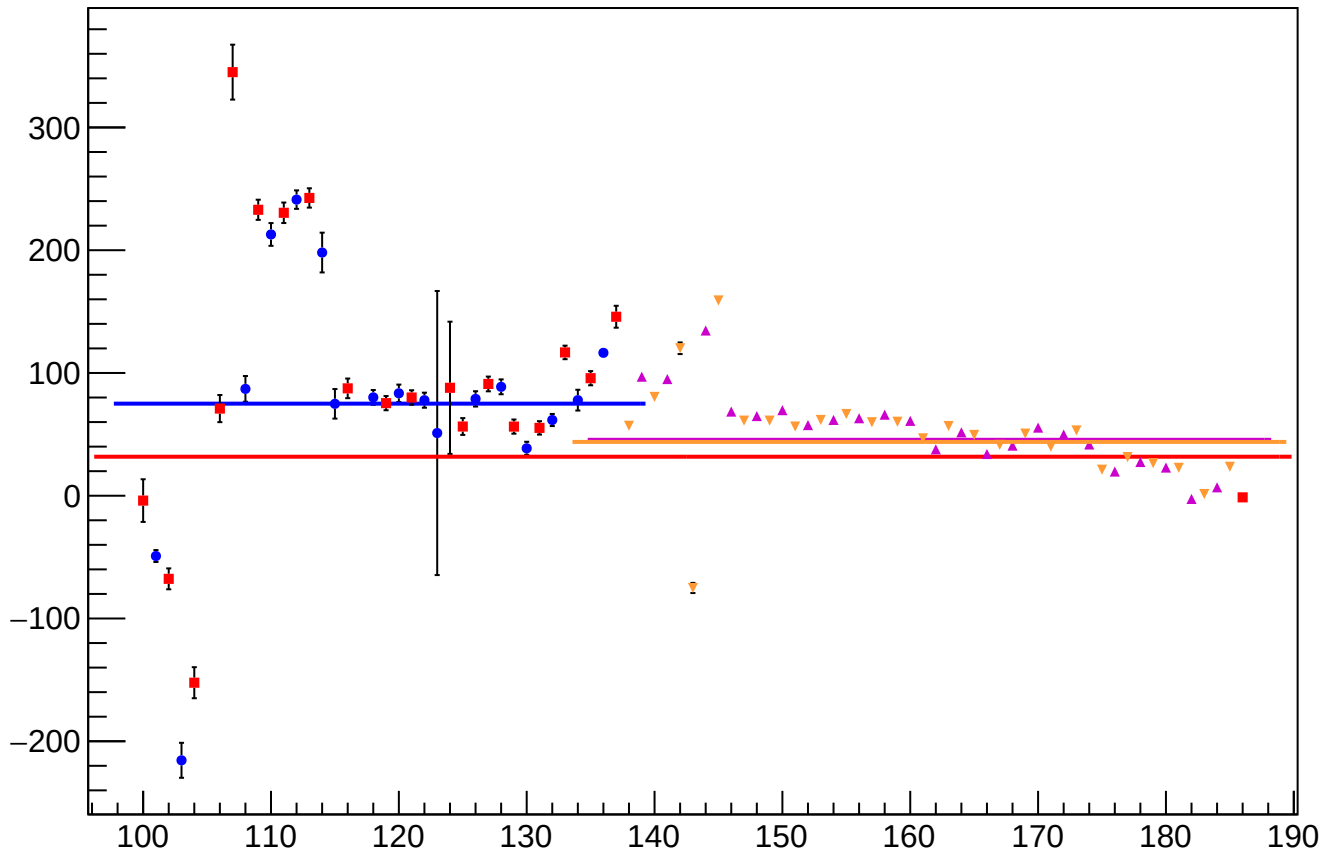
Left In: 5.699 ± 0.403 $\chi^2/\text{NDF}: 329.1/22$

+ 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 ± 1.636 χ^2/NDF : 1999.3/16

Left Out: 43.840 ± 0.499 χ^2/NDF : 3680.9/24

Right Out: 31.786 ± 1.013 χ^2/NDF : 3981.6/19

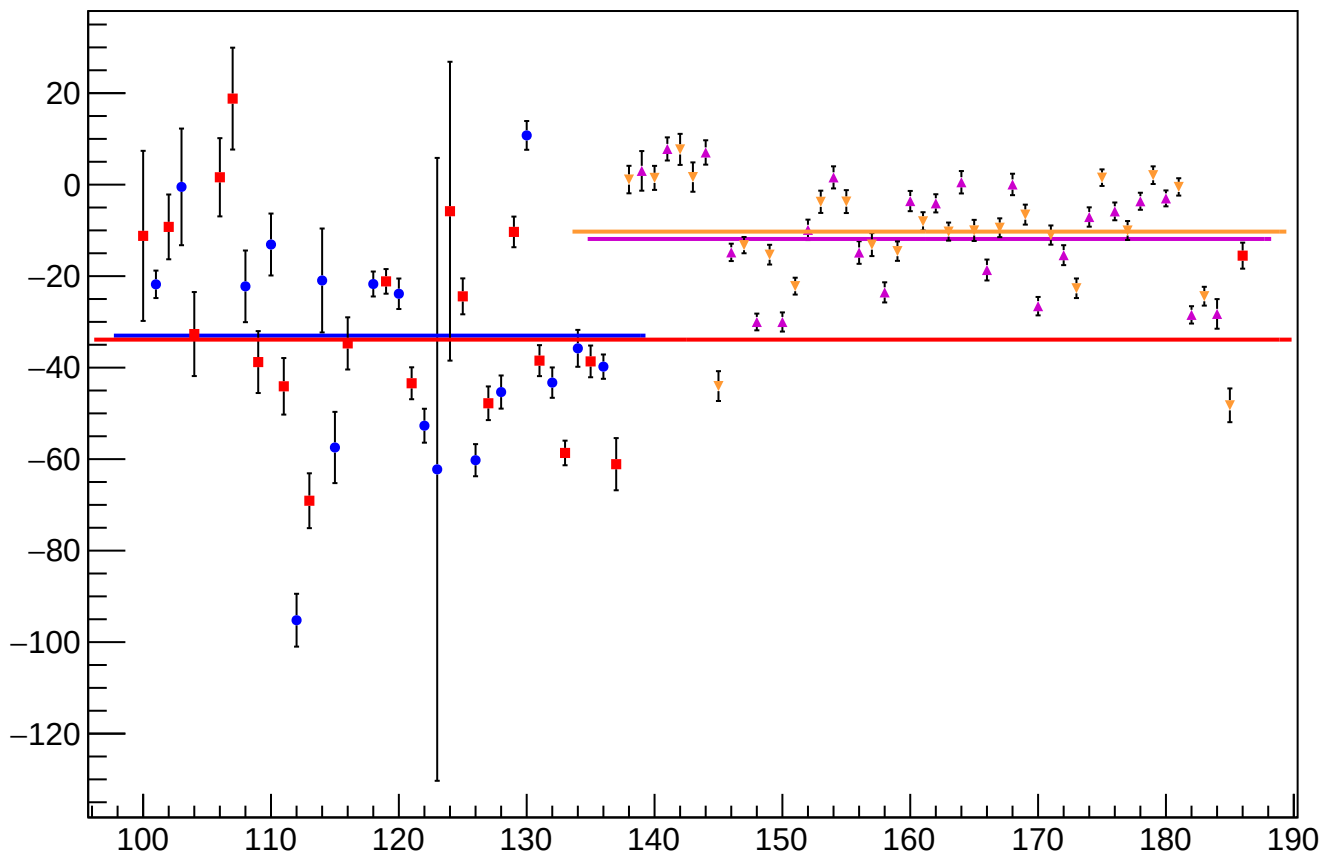
Left In: 45.559 ± 0.502 χ^2/NDF : 3152.4/22

+ sign 46.493 ± 0.477 χ^2/NDF : 6012.3/41

All: 44.559 ± 0.327 χ^2/NDF : 13325.7/84

- sign 42.839 ± 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

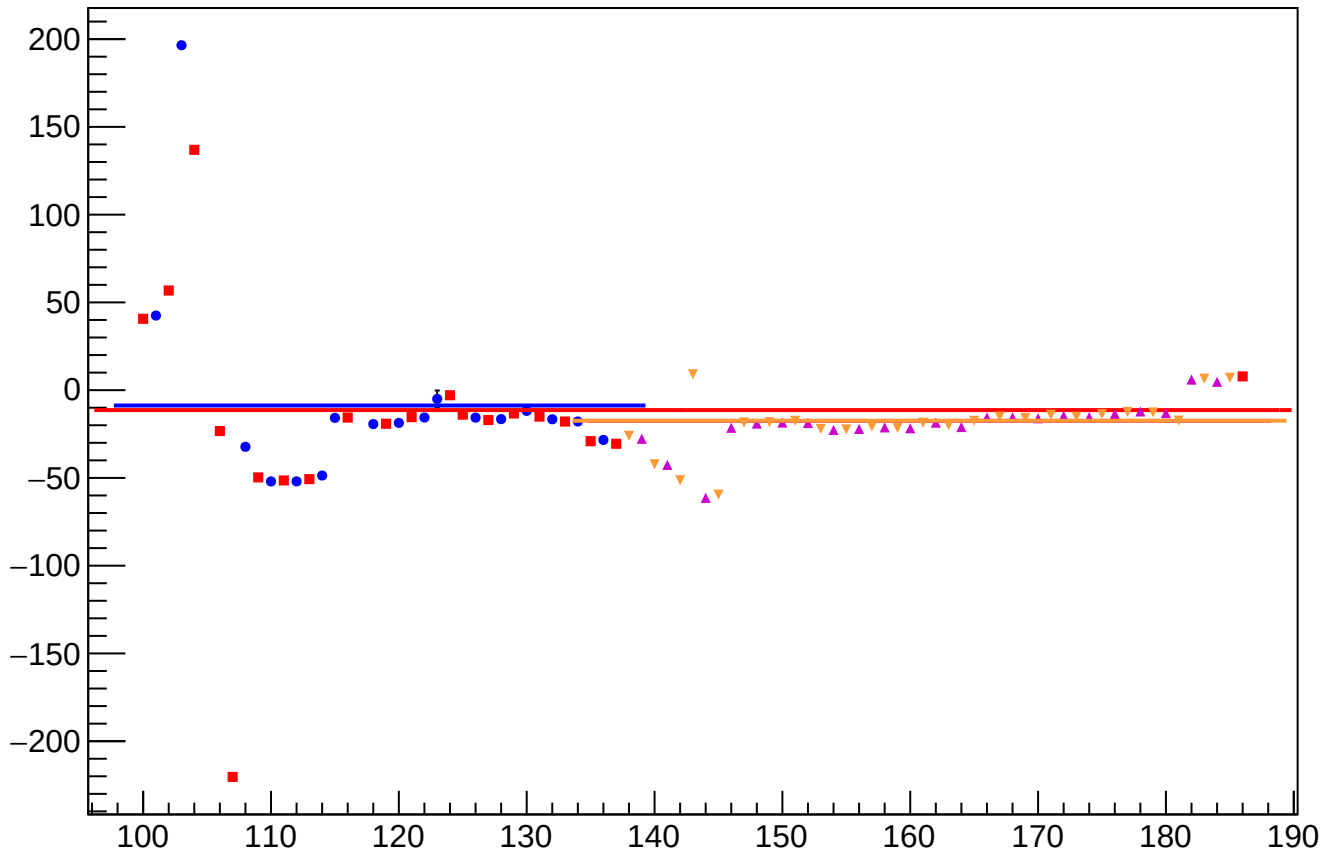
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ 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 $\chi^2/\text{NDF}: 568466.8/19$

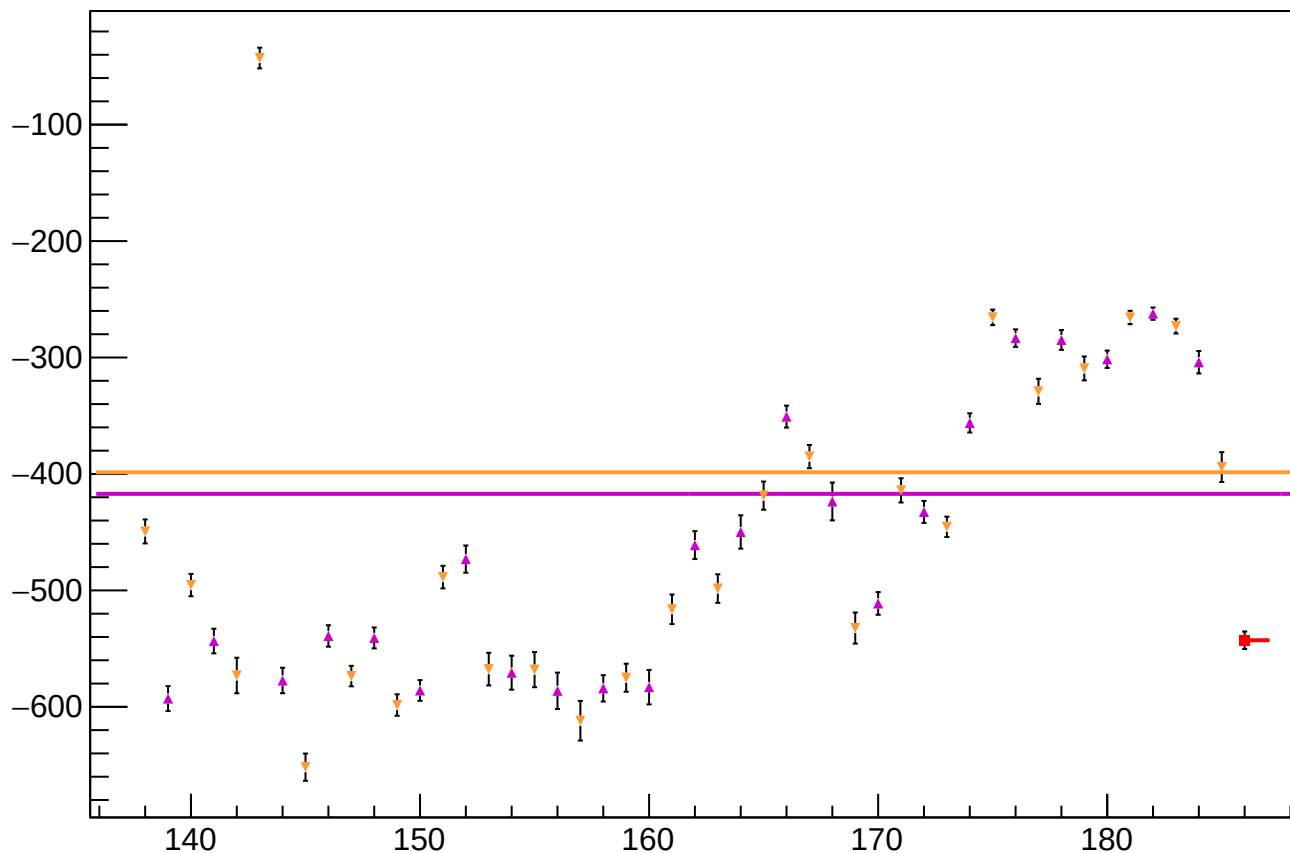
Left In: -17.552 ± 0.021 $\chi^2/\text{NDF}: 261900.3/22$

+ 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

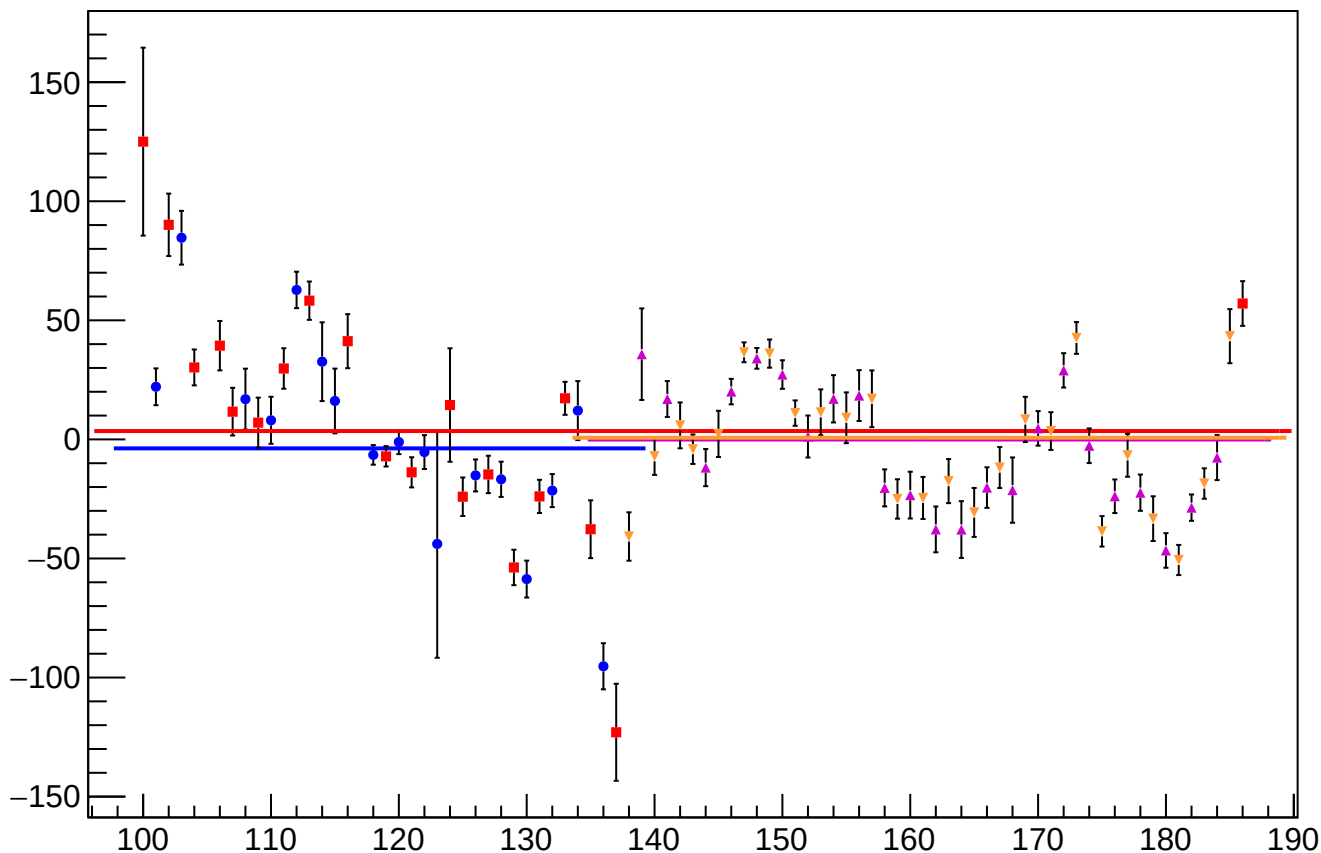
Left In: -417.080+/-1.997 χ^2/NDF : 3958.5/22

+ 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

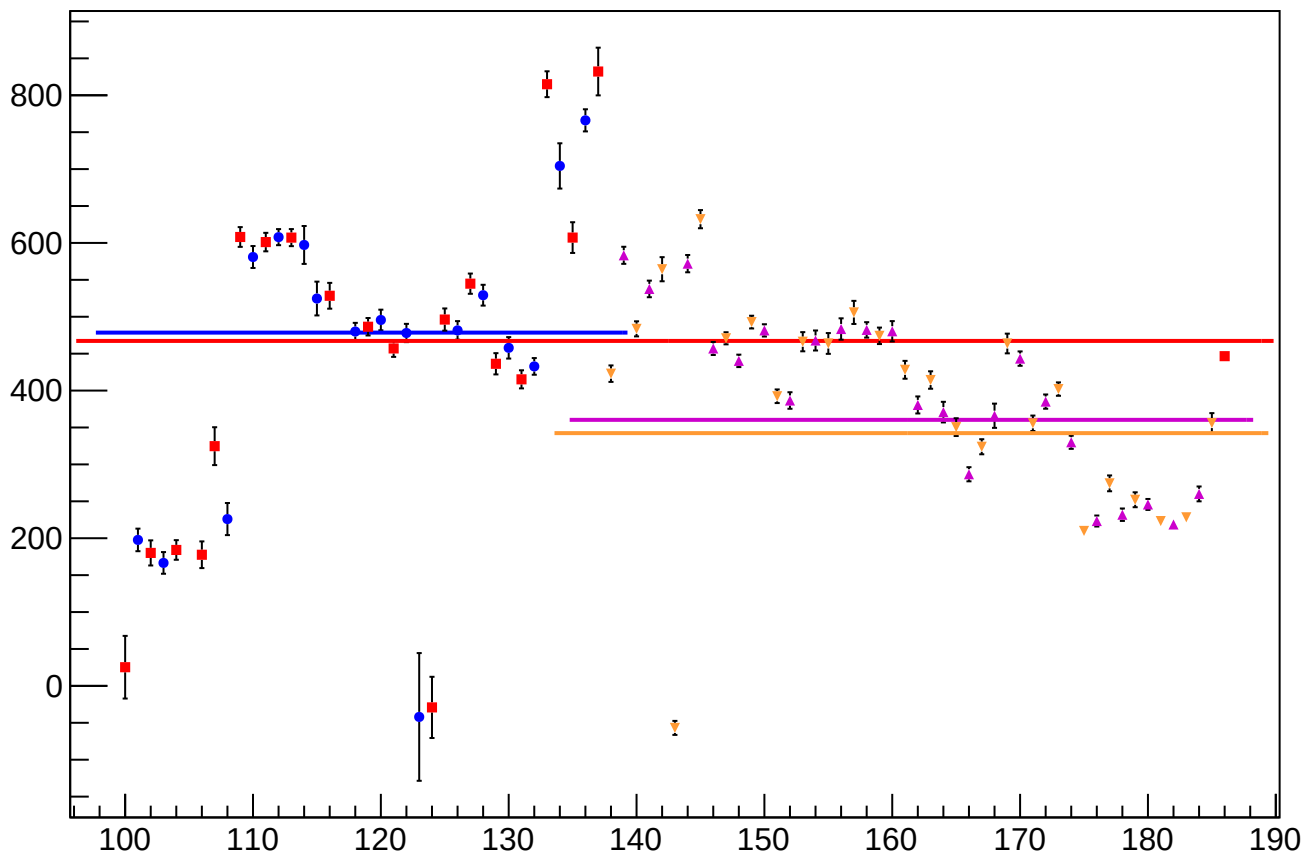
Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

+ 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

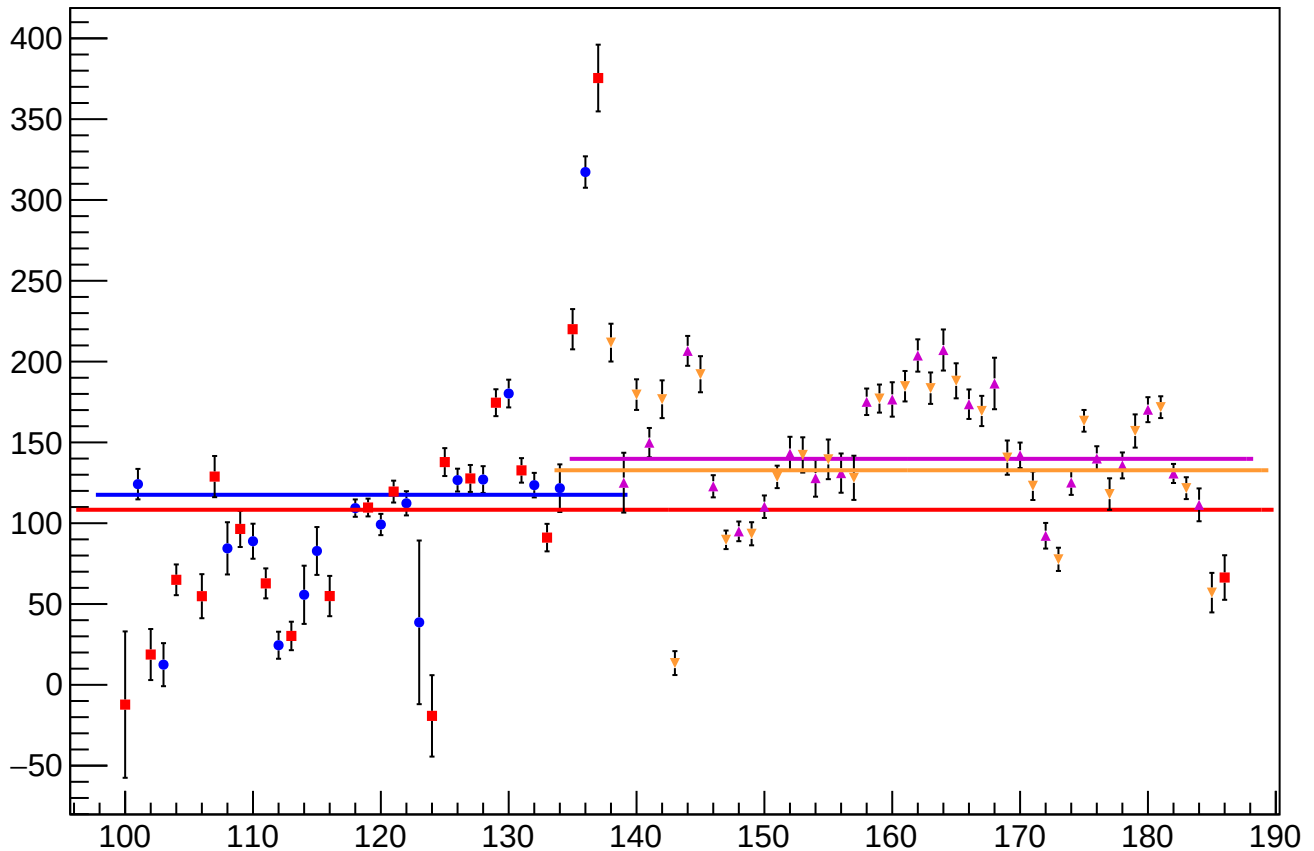
Left In: 360.355 $\pm$ 1.996 χ^2/NDF : 3449.9/22

+ 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

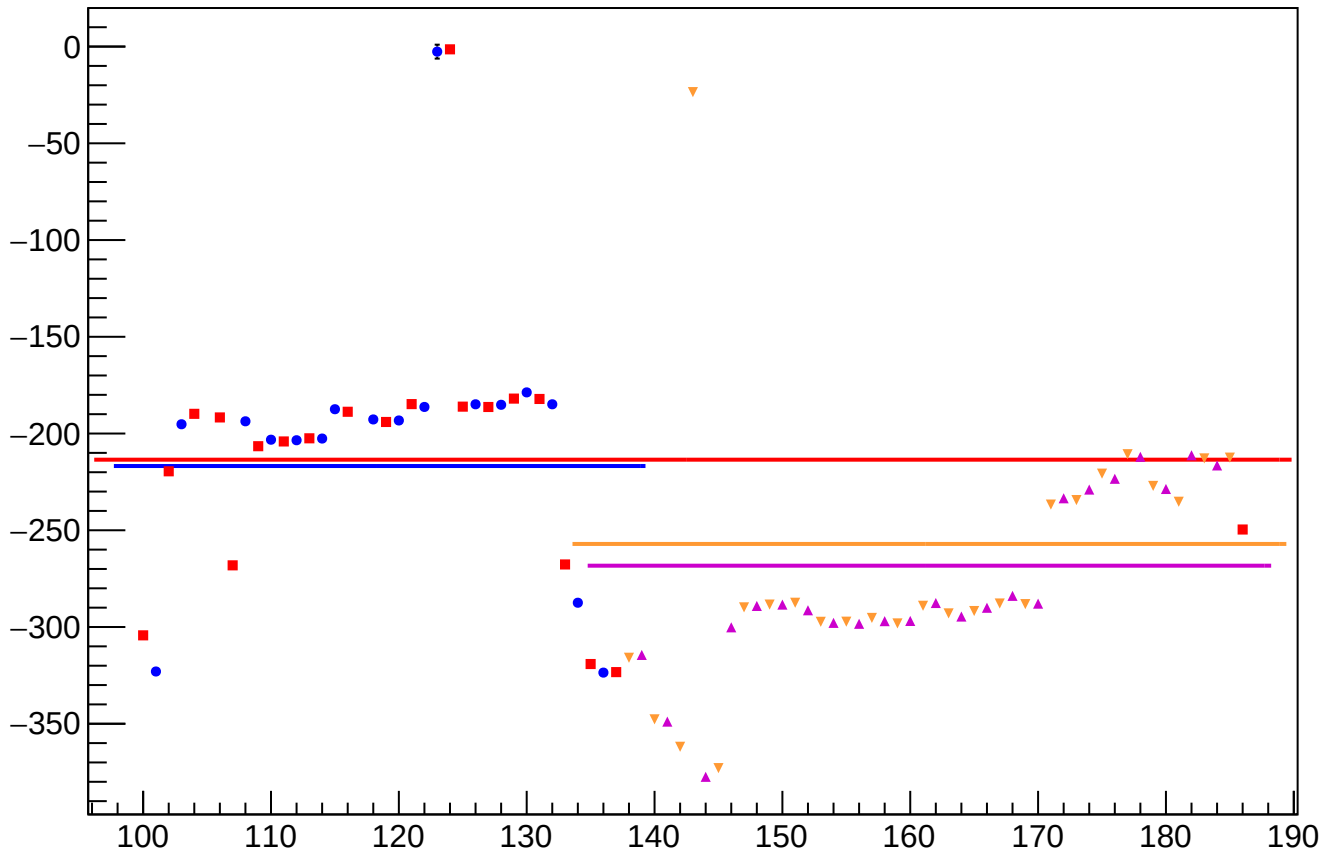
Left In: 139.828 $\pm$ 1.790 χ^2/NDF : 321.7/22

+ 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

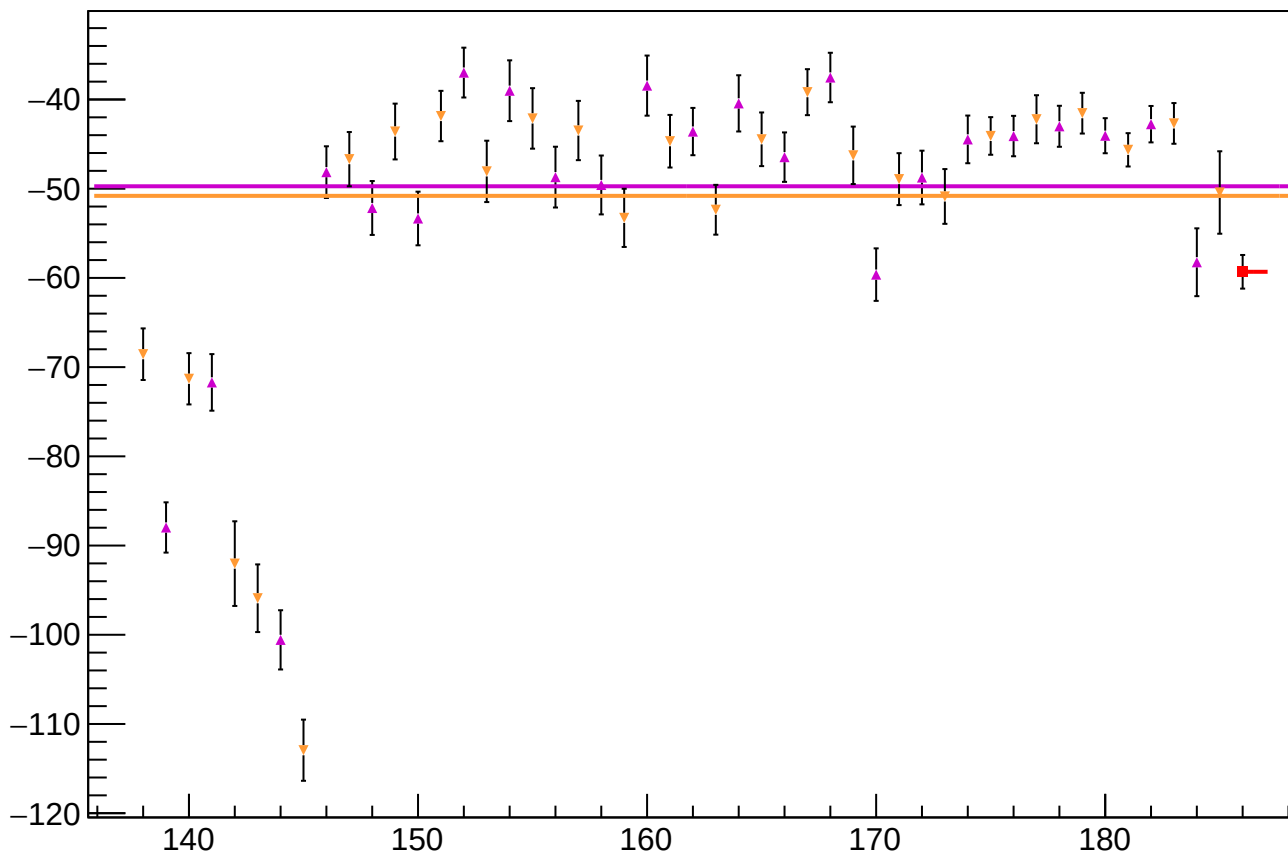
Left In: -268.305 ± 0.083 χ^2/NDF : 264853.3/22

+ 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

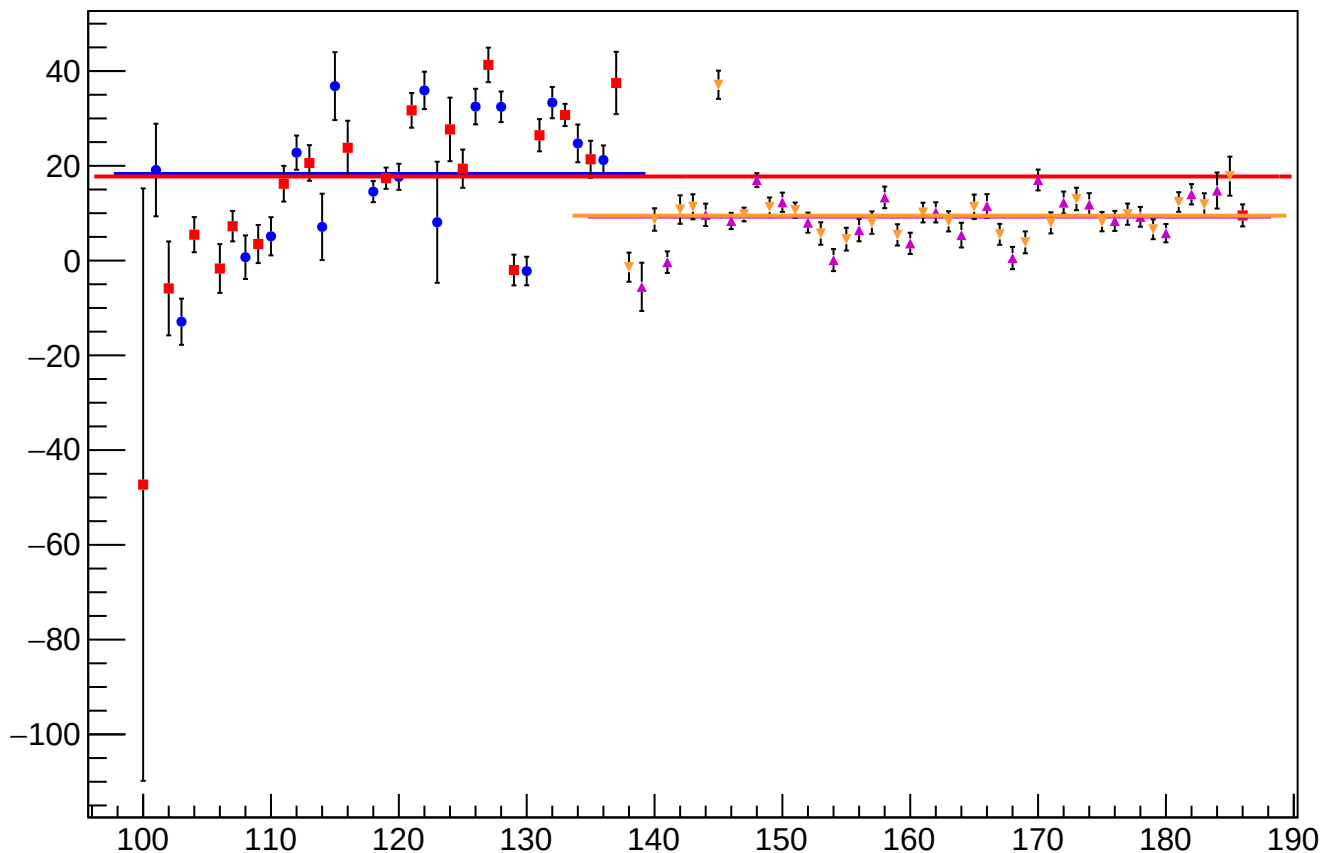
Left In: -49.728 ± 0.581 χ^2/NDF : 601.0/22

+ 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 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 9.483 $\pm$ 0.447 χ^2 /NDF: 133.0/24

Right Out: 17.748 $\pm$ 0.810 χ^2 /NDF: 212.6/19

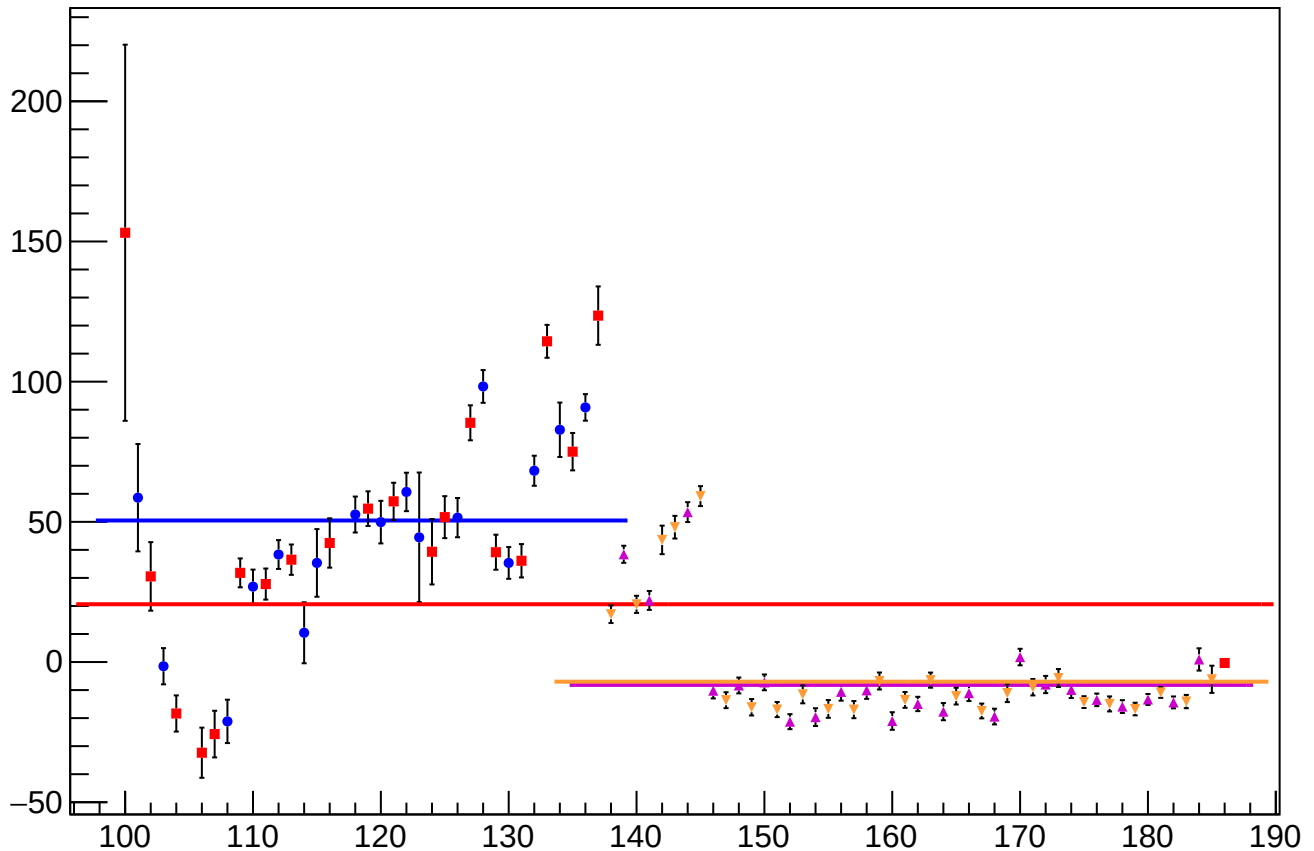
Left In: 9.289 $\pm$ 0.461 χ^2 /NDF: 125.6/22

+ sign 11.206 $\pm$ 0.401 χ^2 /NDF: 413.5/41

All: 11.280 $\pm$ 0.283 χ^2 /NDF: 834.2/84

- sign 11.355 $\pm$ 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

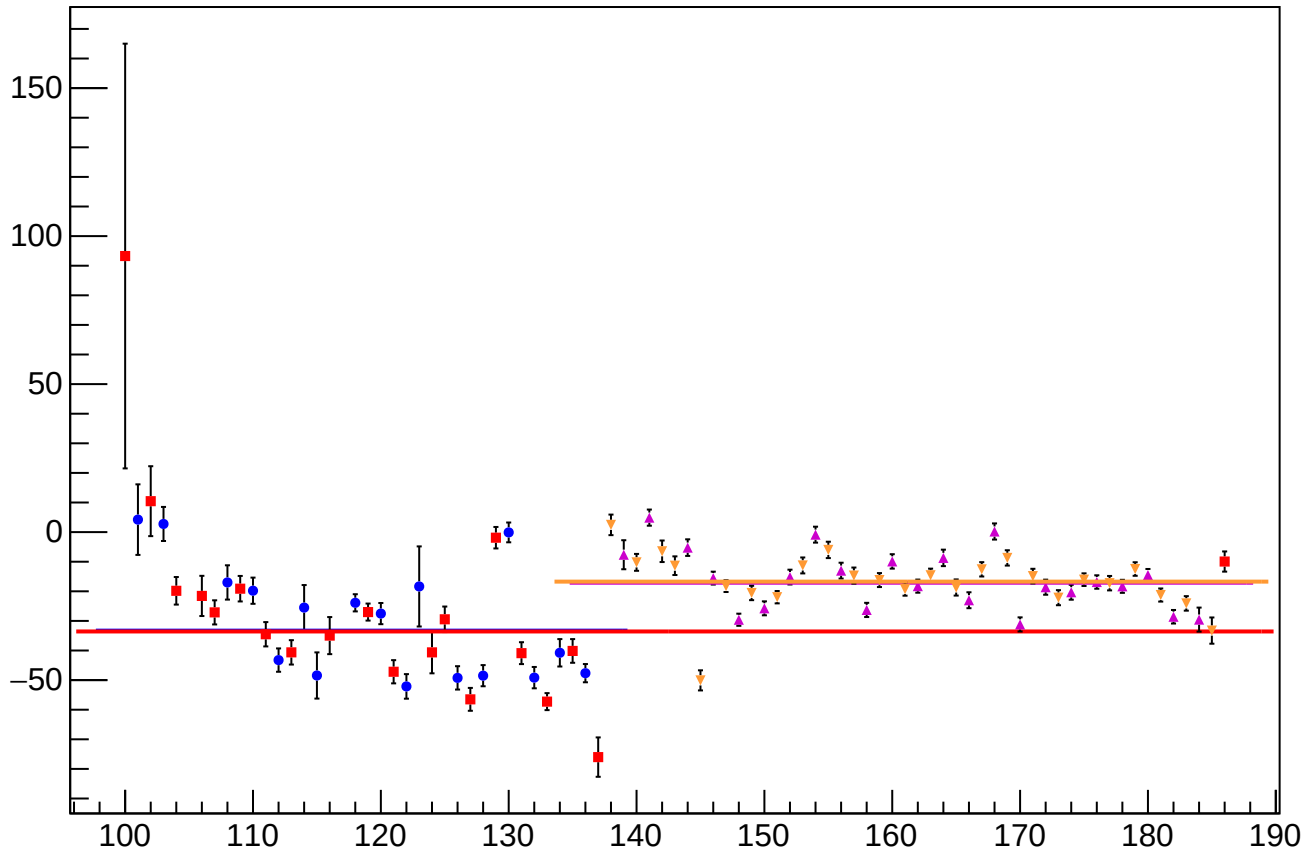
Left In: -8.158 $\pm$ 0.578 χ^2 /NDF: 753.9/22

+ 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

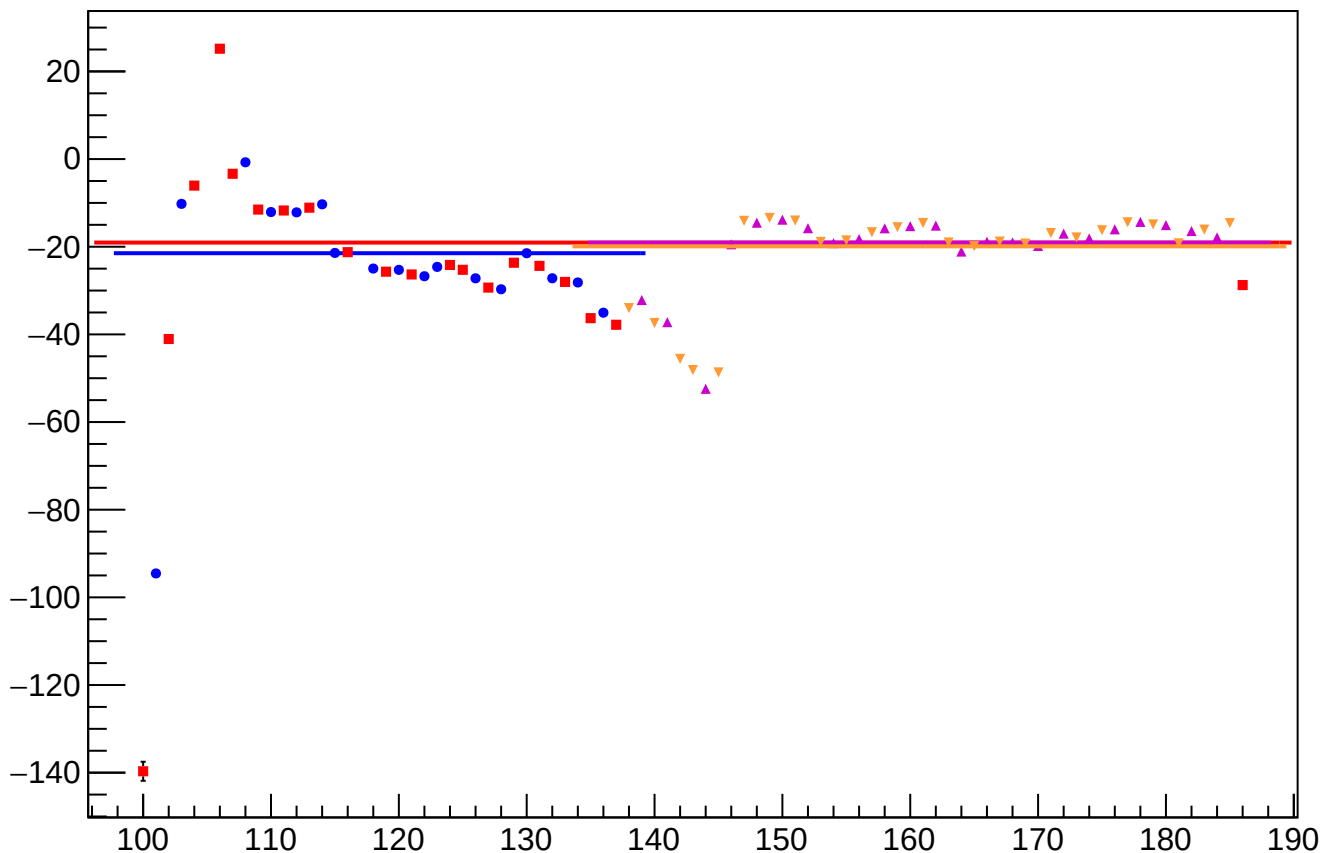
Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

+ 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



Right In: -21.476 ± 0.059 χ^2/NDF : 49009.8/16

Left Out: -19.915 ± 0.023 χ^2/NDF : 141090.6/24

Right Out: -19.049 ± 0.056 χ^2/NDF : 82425.8/19

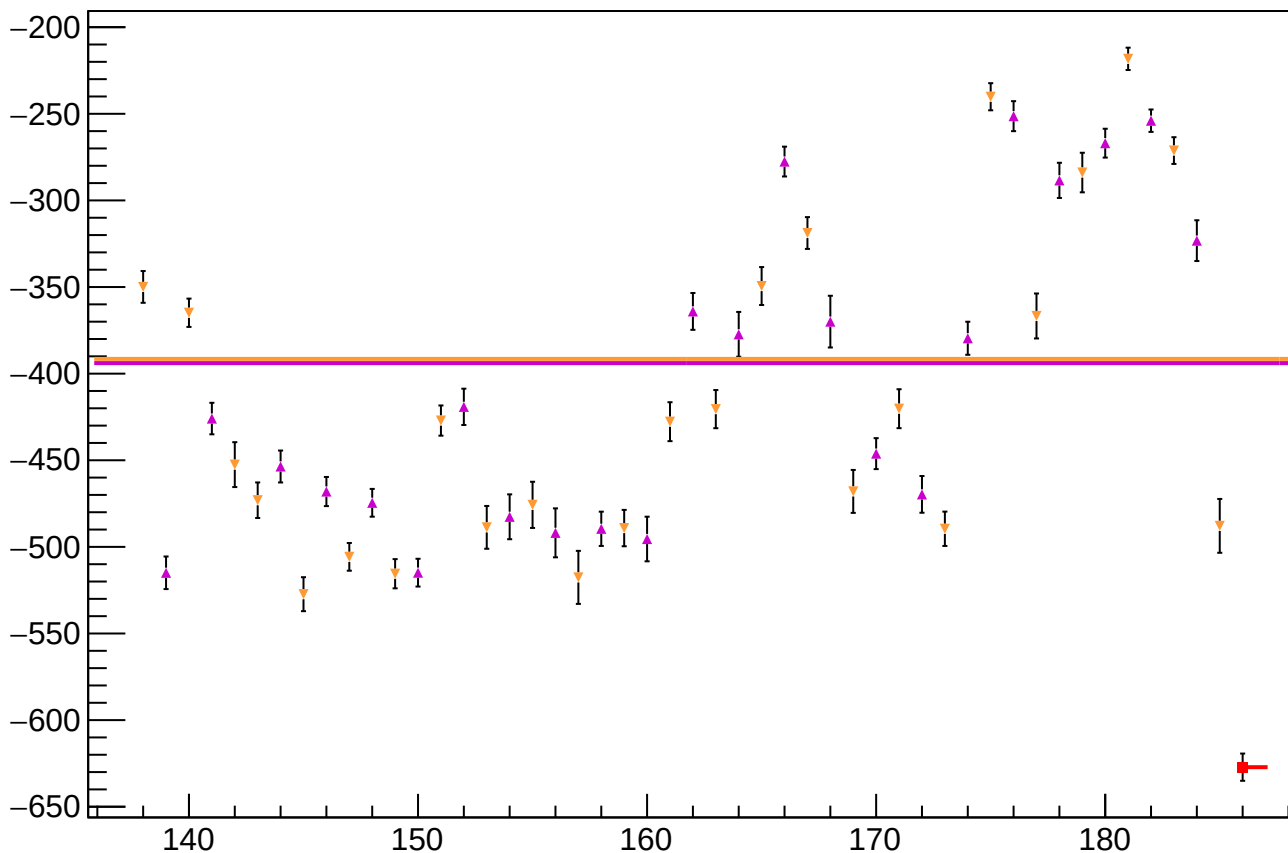
Left In: -19.068 ± 0.024 χ^2/NDF : 92702.3/22

+ sign -20.128 ± 0.022 χ^2/NDF : 190711.6/41

All: -19.597 ± 0.015 χ^2/NDF : 367039.1/84

- sign -19.065 ± 0.022 χ^2/NDF : 175128.2/42

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

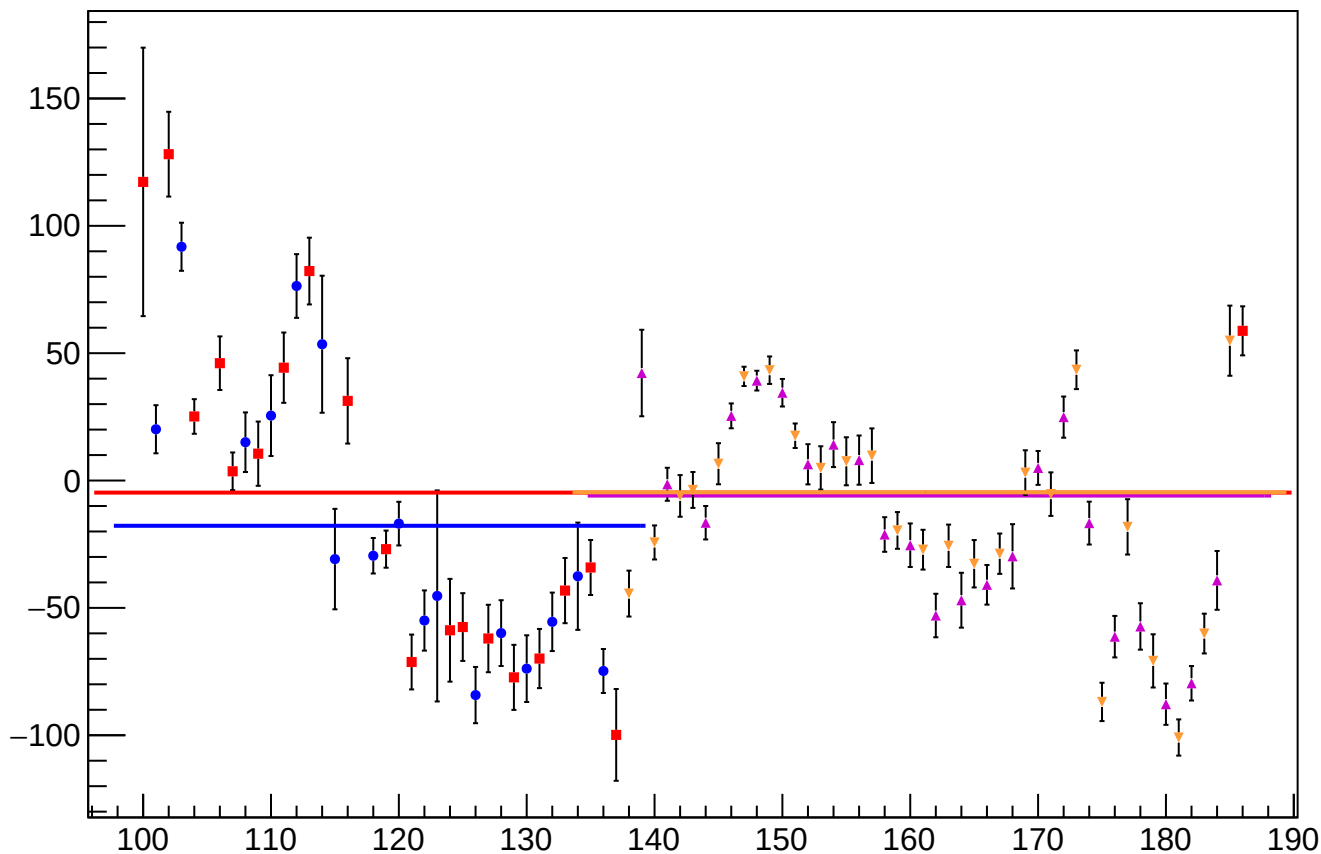
Left In: -393.904 $\pm$ 1.998 χ^2 /NDF:2280.8/22

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

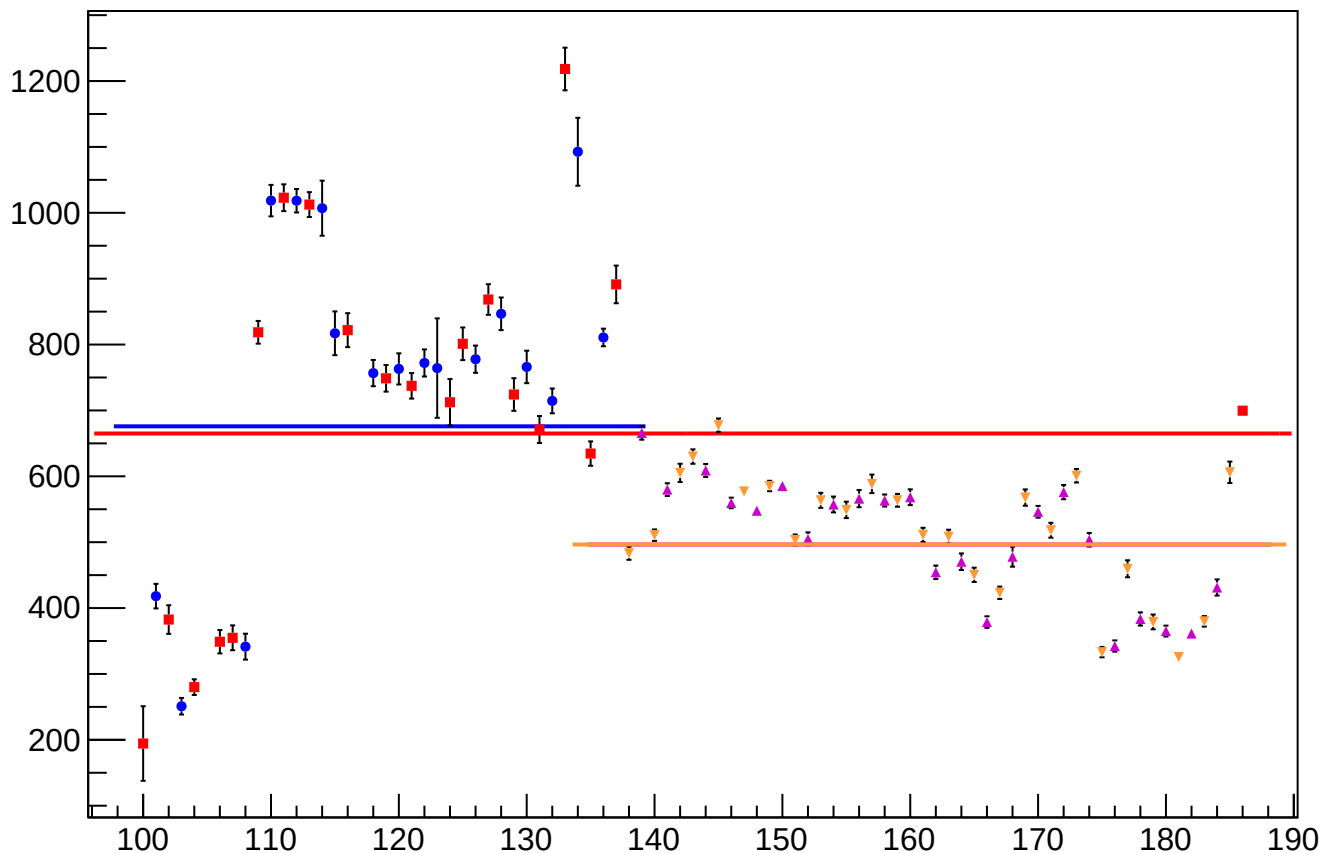
All: -399.917 $\pm$ 1.382 χ^2 /NDF: 5852.2/48

- sign -408.052 $\pm$ 1.936 χ^2 /NDF: 3107.6/23

reg_asym_atr2_diff_bpm4aY_slope vs Slug



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

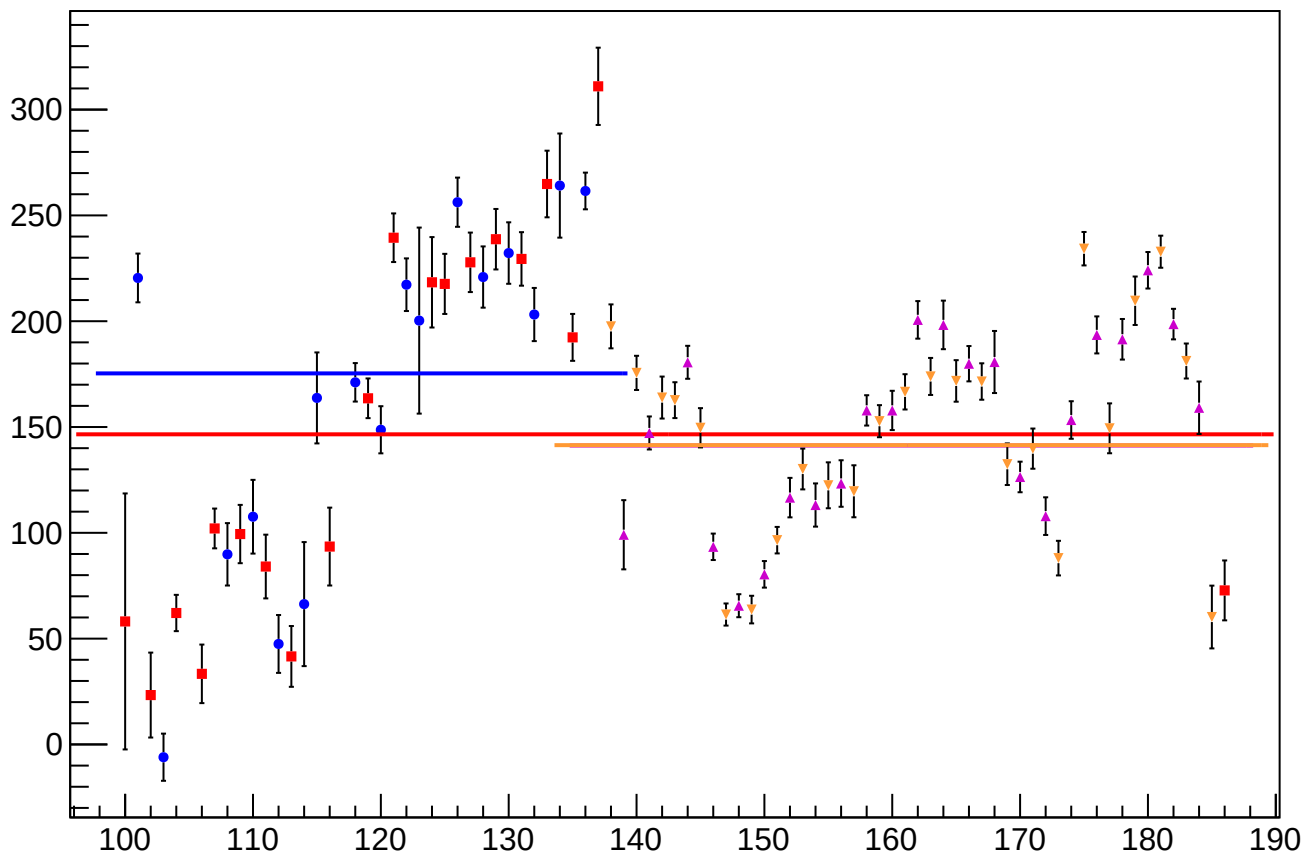
Left In: 496.393 ± 1.985 χ^2/NDF : 2295.8/22

+ 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

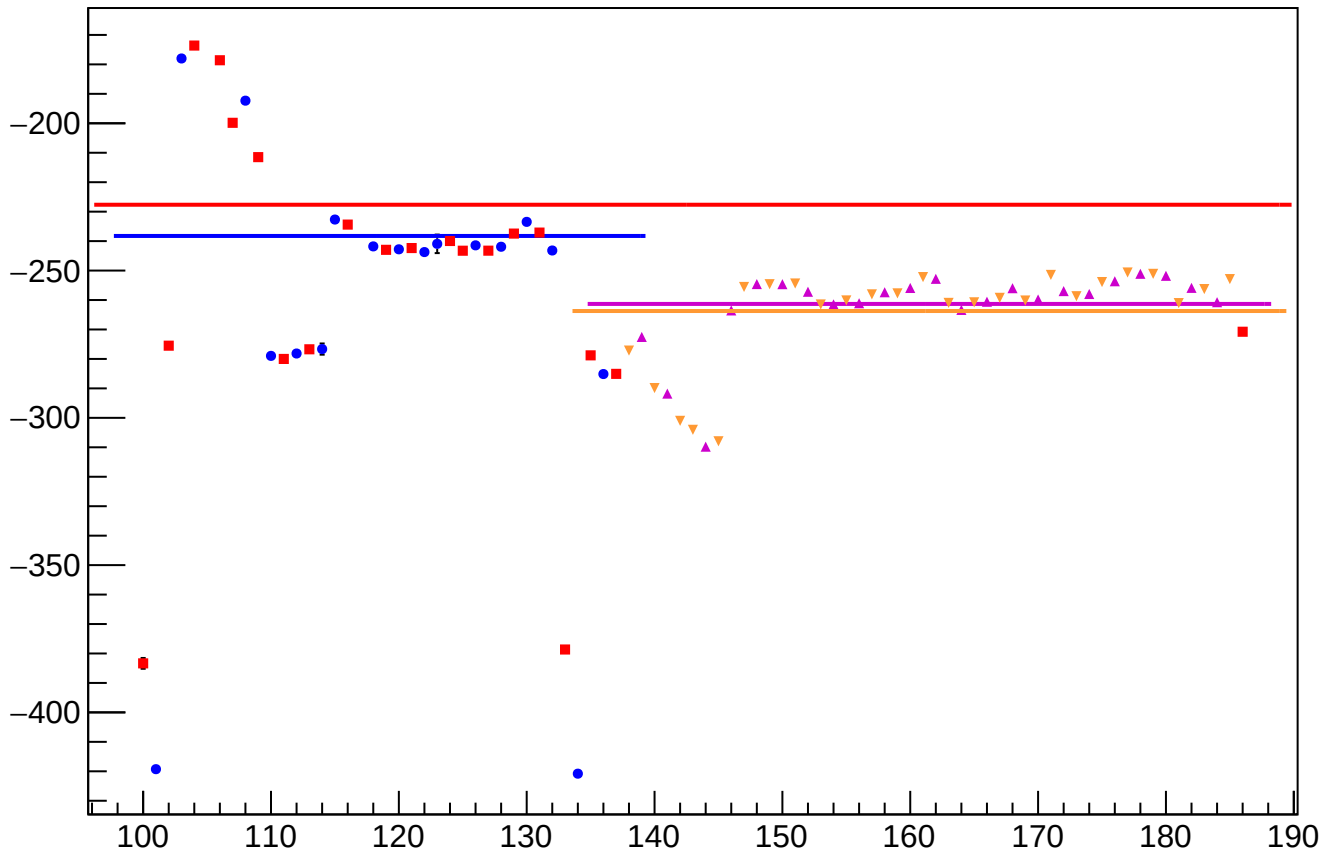
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF: 744.2/22

+ 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 $\chi^2/\text{NDF}: 104654.2/19$

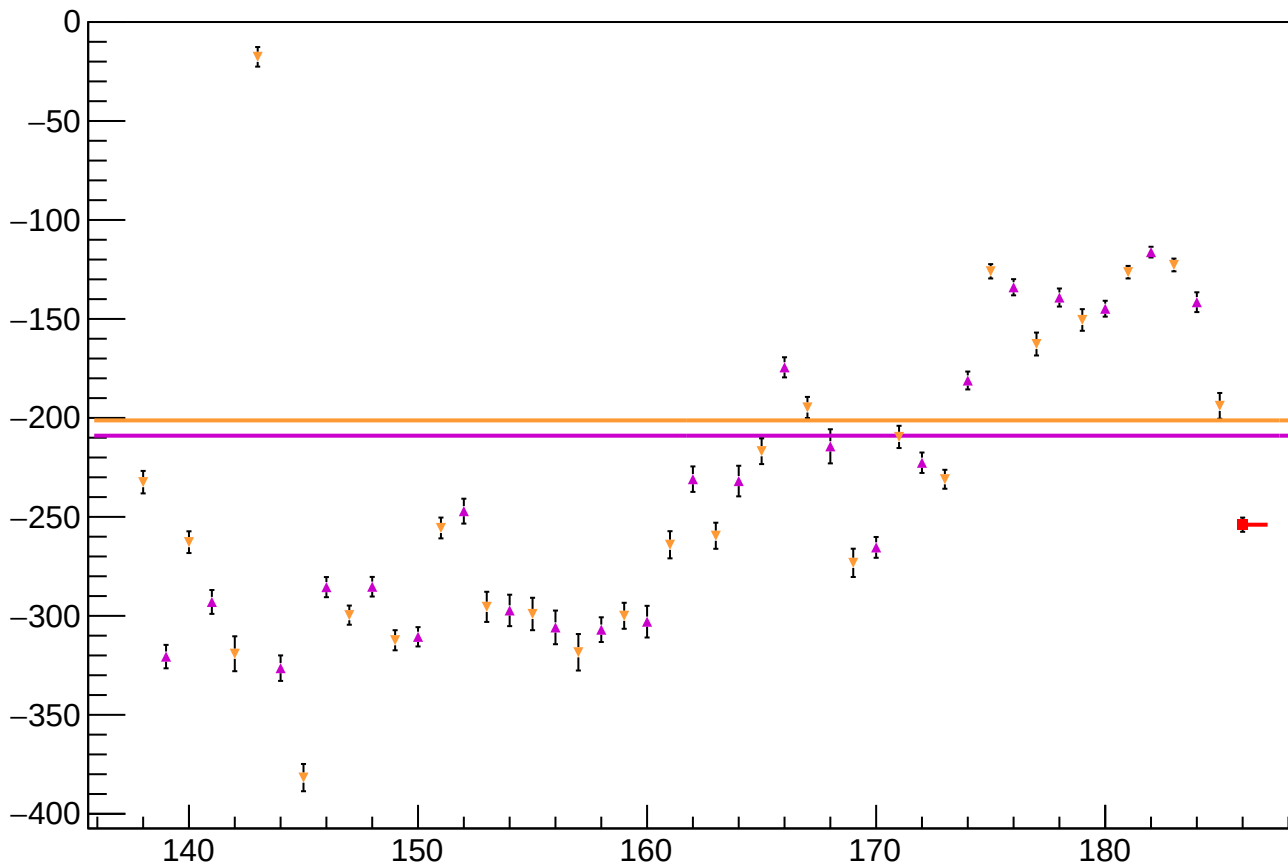
Left In: -261.325 ± 0.082 $\chi^2/\text{NDF}: 23449.2/22$

+ 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

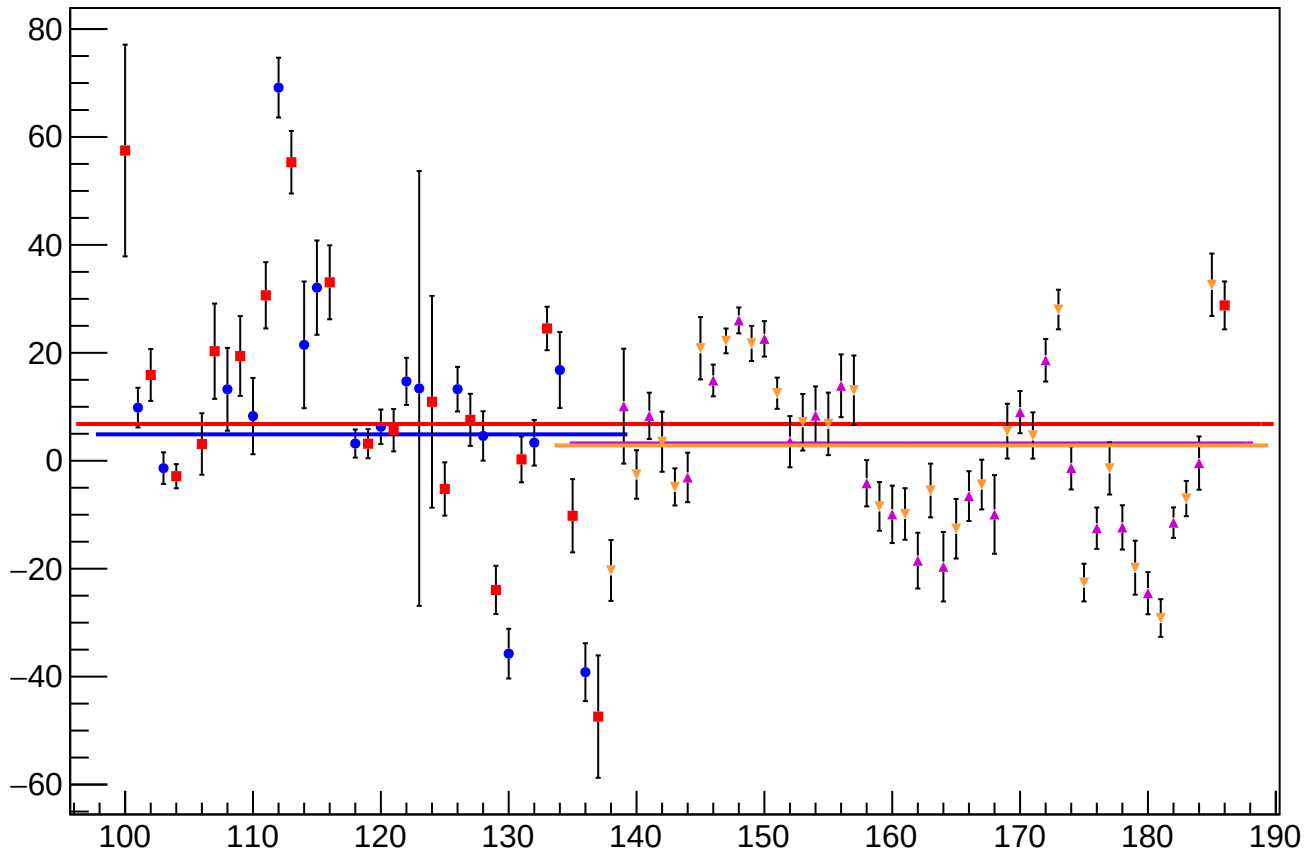
Left In: -208.981+/-1.078 χ^2/NDF : 4865.2/22

+ 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 χ^2/NDF : 312.0/16

Left Out: 2.841 ± 0.824 χ^2/NDF : 420.6/24

Right Out: 6.812 ± 1.041 χ^2/NDF : 265.0/19

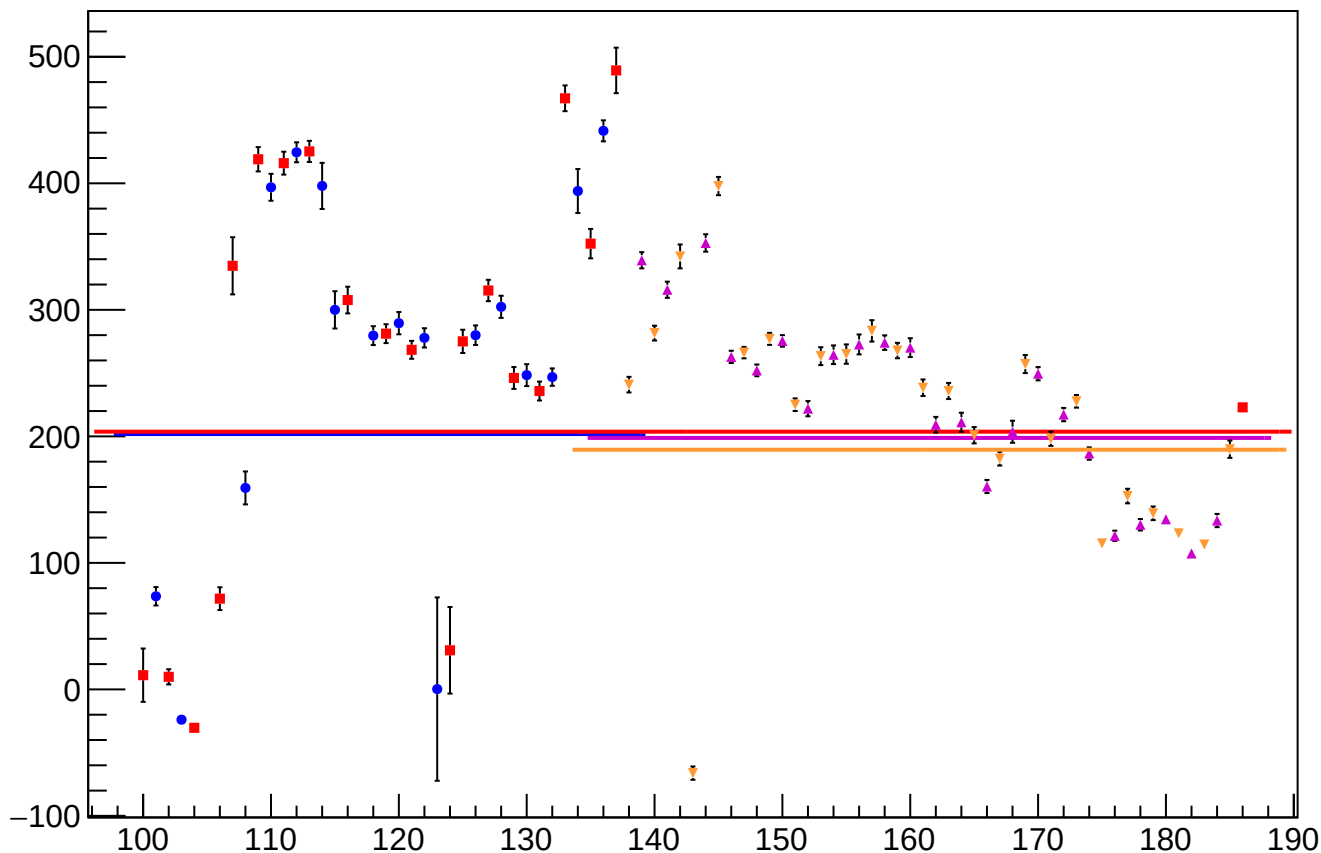
Left In: 3.208 ± 0.854 χ^2/NDF : 323.8/22

+ sign 3.589 ± 0.657 χ^2/NDF : 734.8/41

All: 4.121 ± 0.466 χ^2/NDF : 1332.2/84

- sign 4.658 ± 0.661 χ^2/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

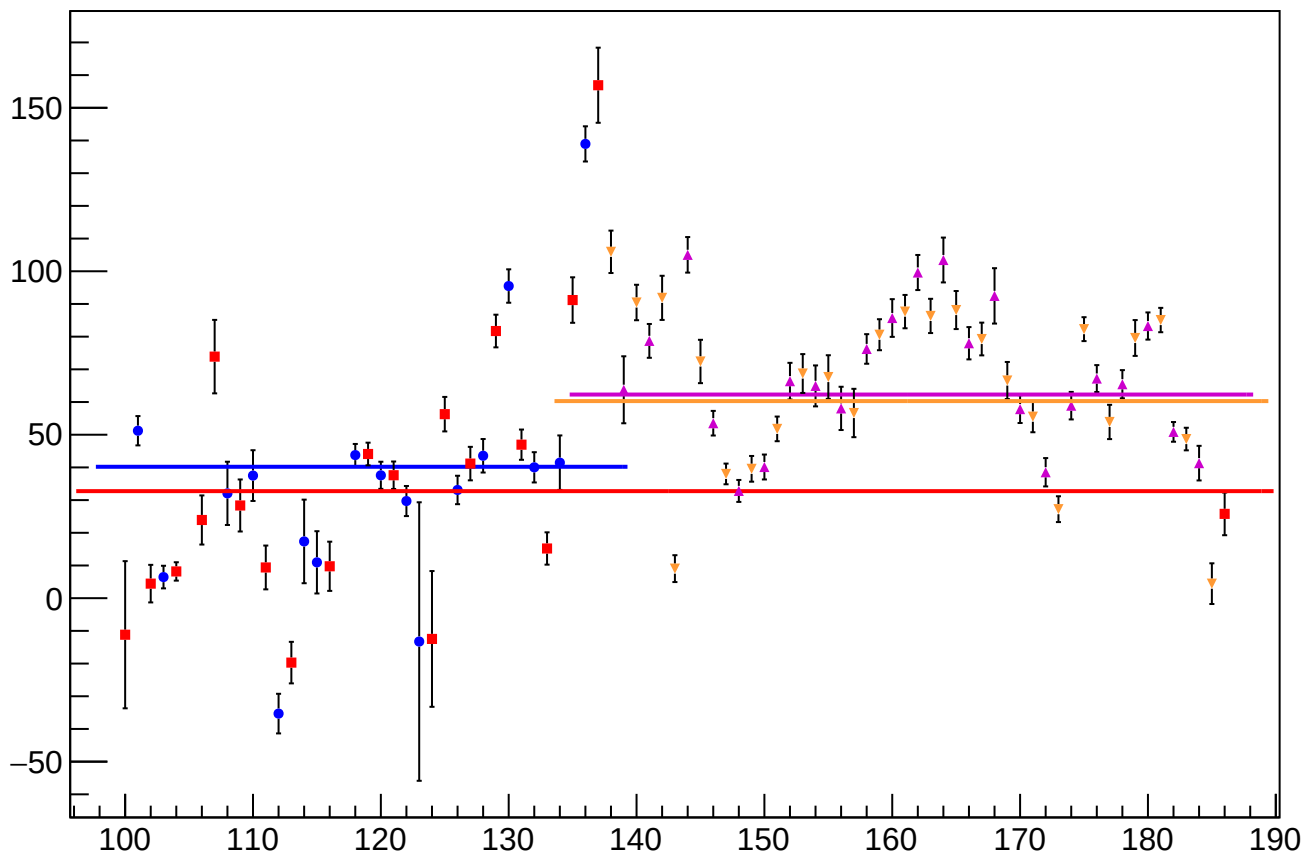
Left In: 198.762 $\pm$ 1.078 χ^2 /NDF: 4590.0/22

+ 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+/-1.268 χ^2/NDF : 735.0/16

Left Out: 60.287+/-0.945 χ^2/NDF : 714.8/24

Right Out: 32.743+/-1.230 χ^2/NDF : 555.3/19

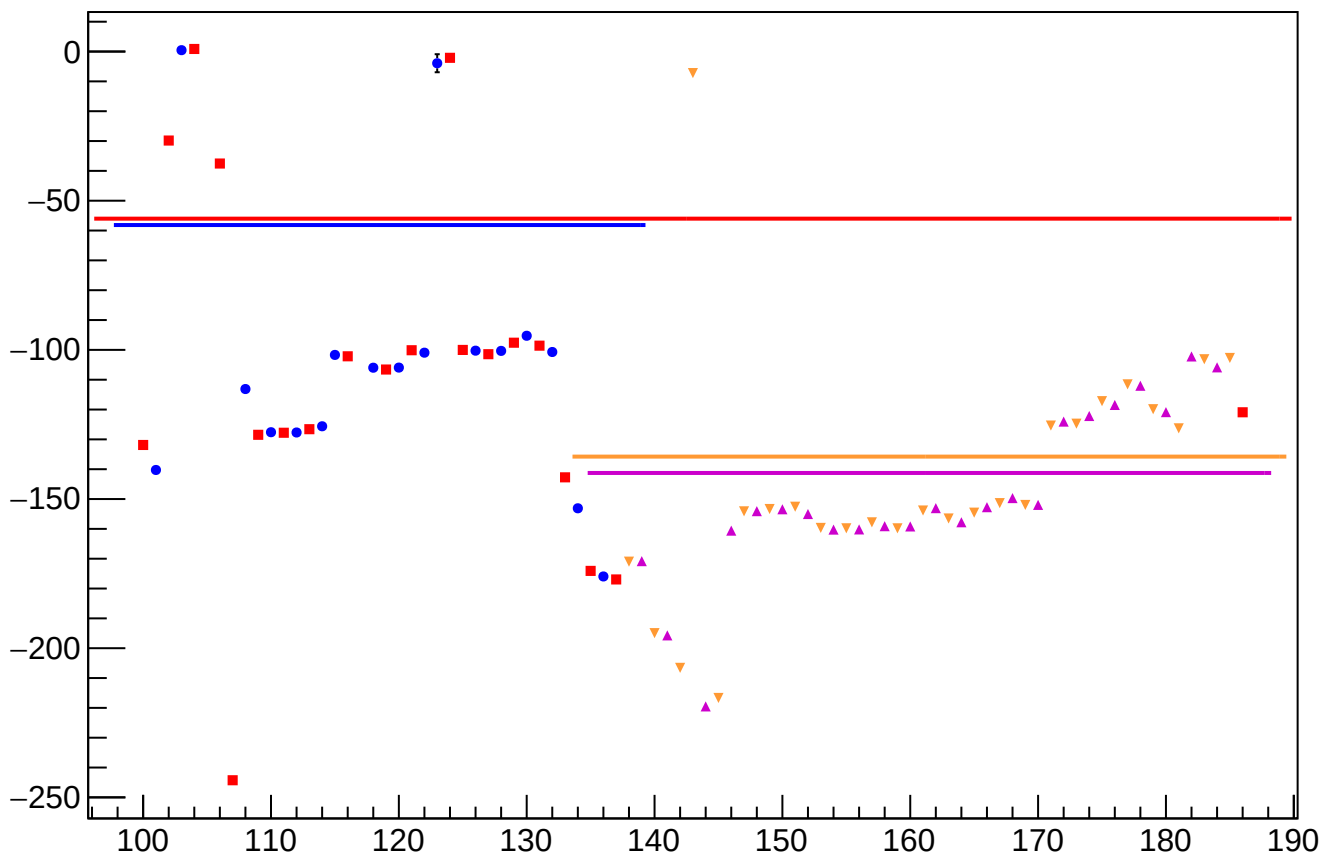
Left In: 62.290+/-0.971 χ^2/NDF : 411.6/22

+ sign 53.109+/-0.758 χ^2/NDF : 1611.3/41

All: 52.033+/-0.537 χ^2/NDF : 2937.6/84

- sign 50.943+/-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 $\chi^2/\text{NDF}: 1023903.9/19$

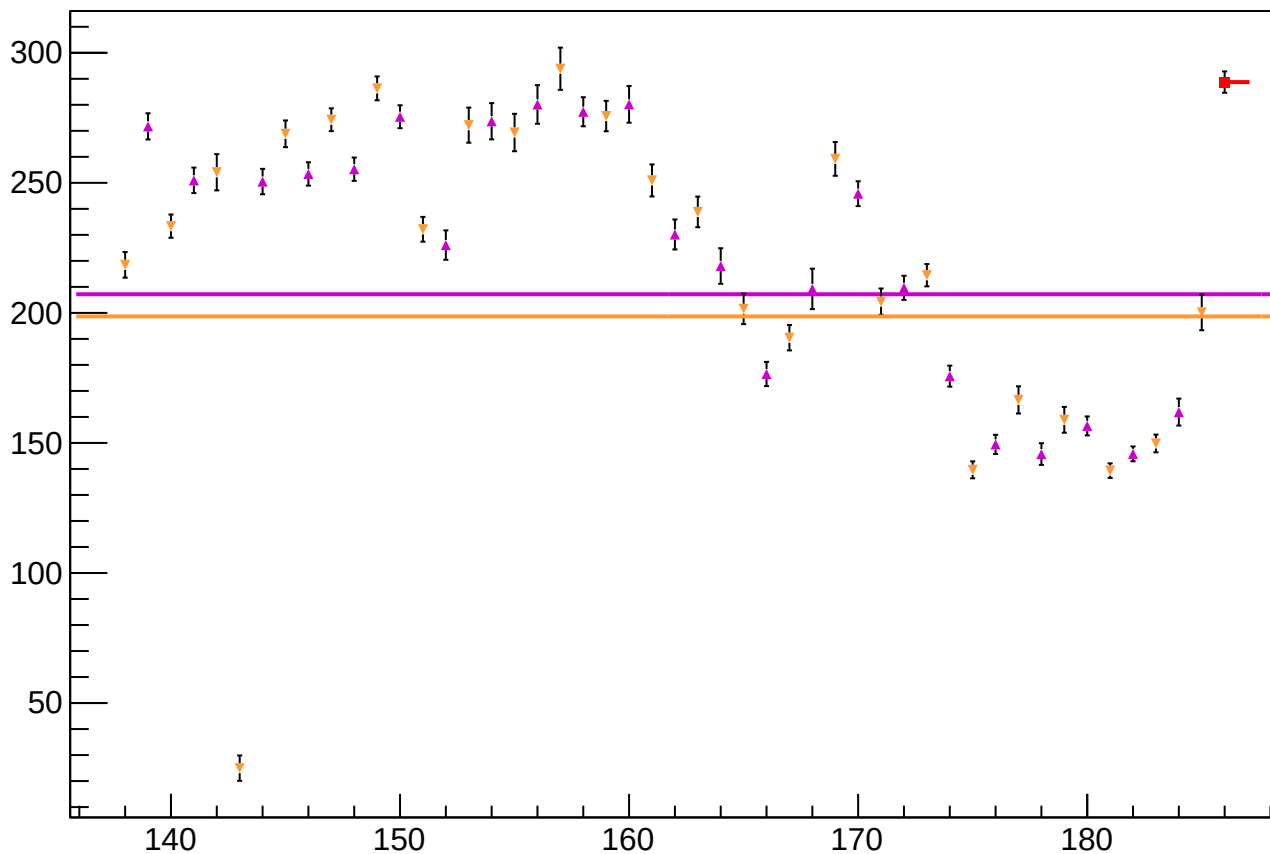
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ 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

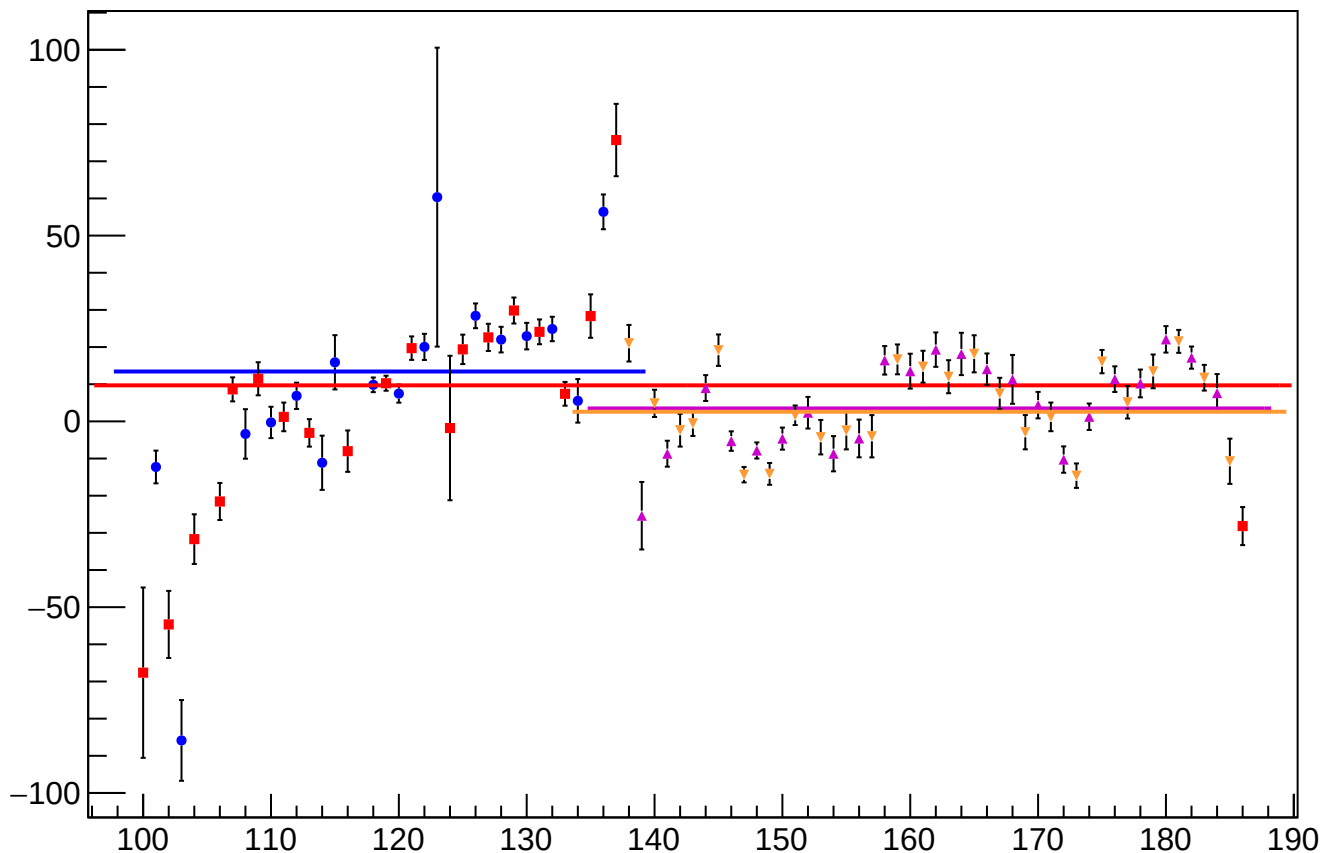
Left In: 207.171+/-0.986 χ^2/NDF : 2631.6/22

+ 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

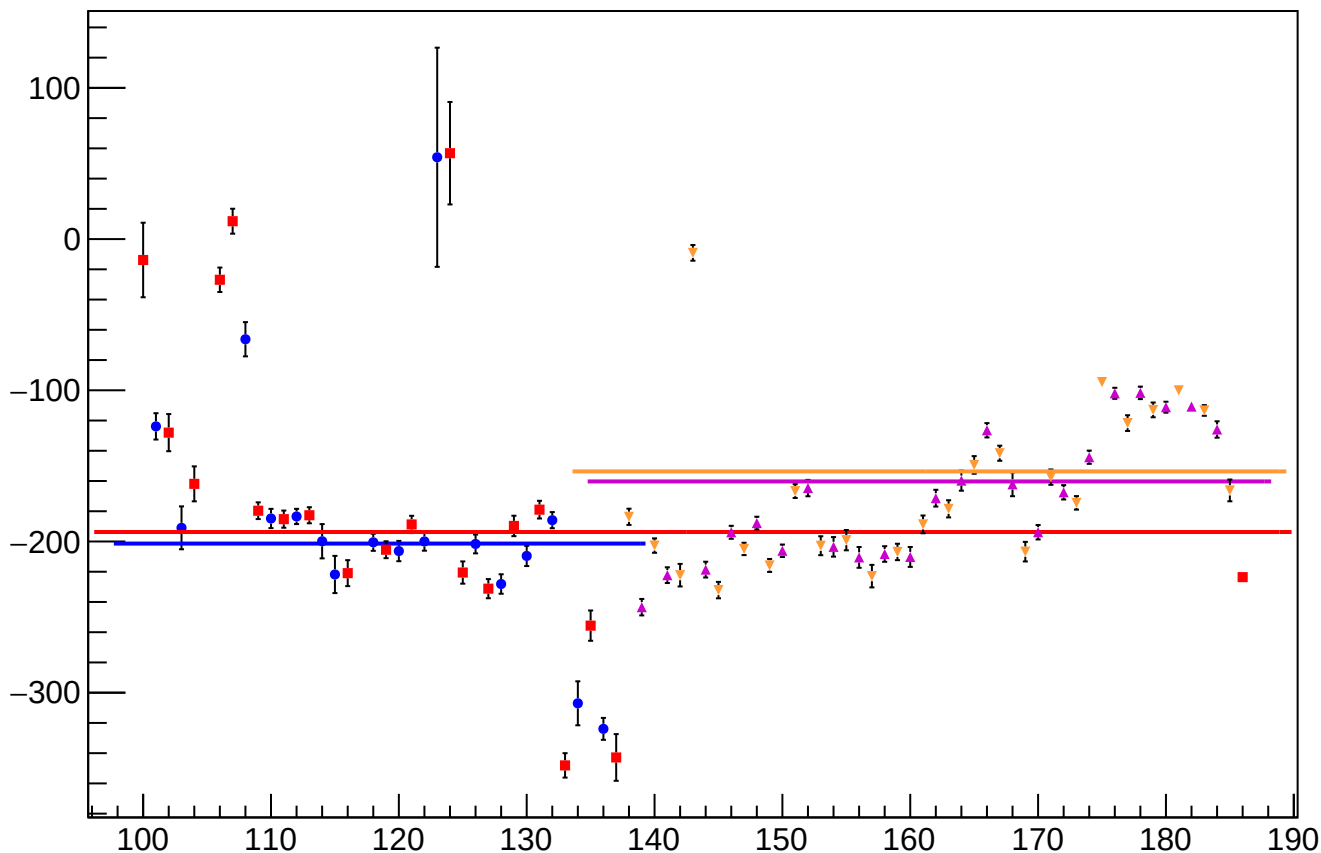
Left In: 3.478 $\pm$ 0.772 χ^2 /NDF: 194.7/22

+ 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

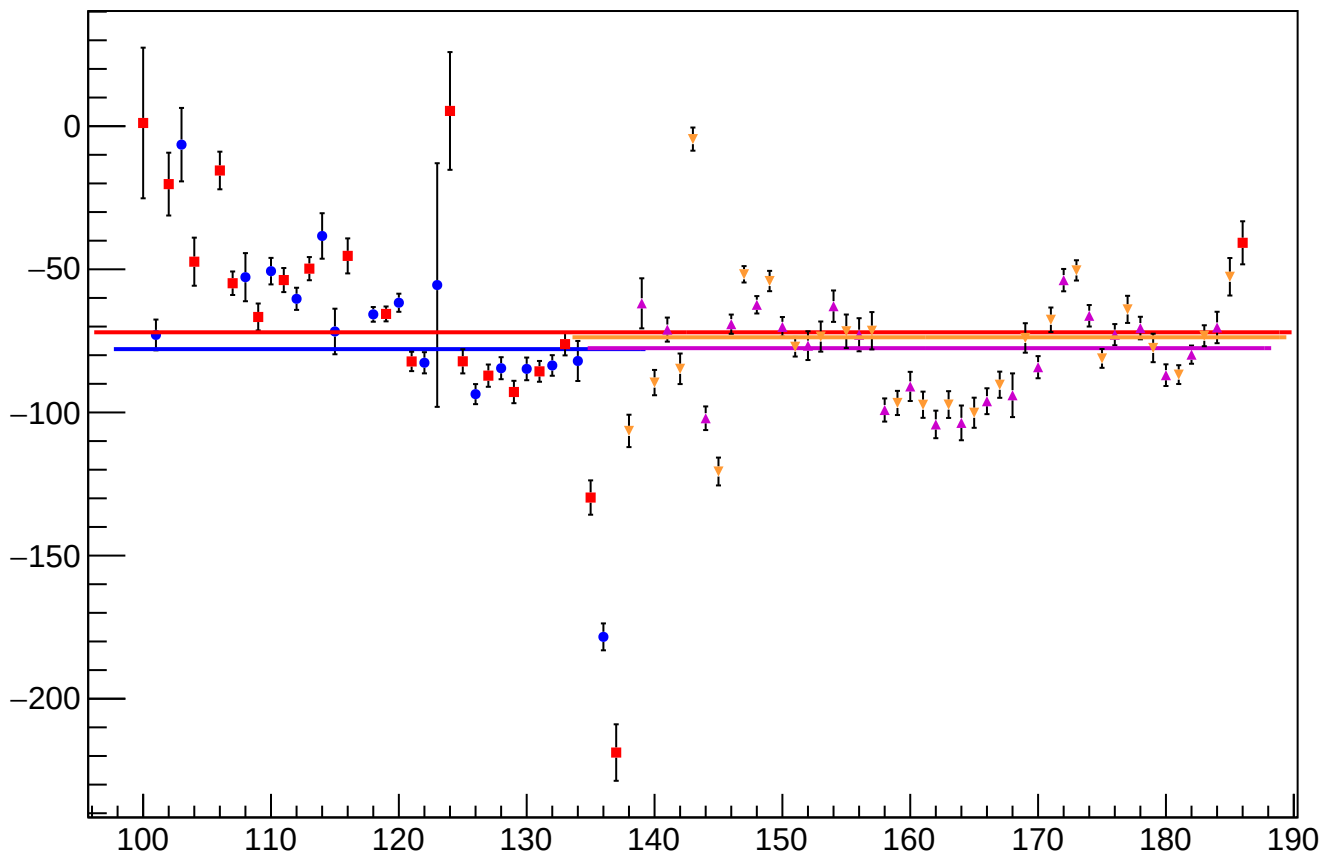
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ 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

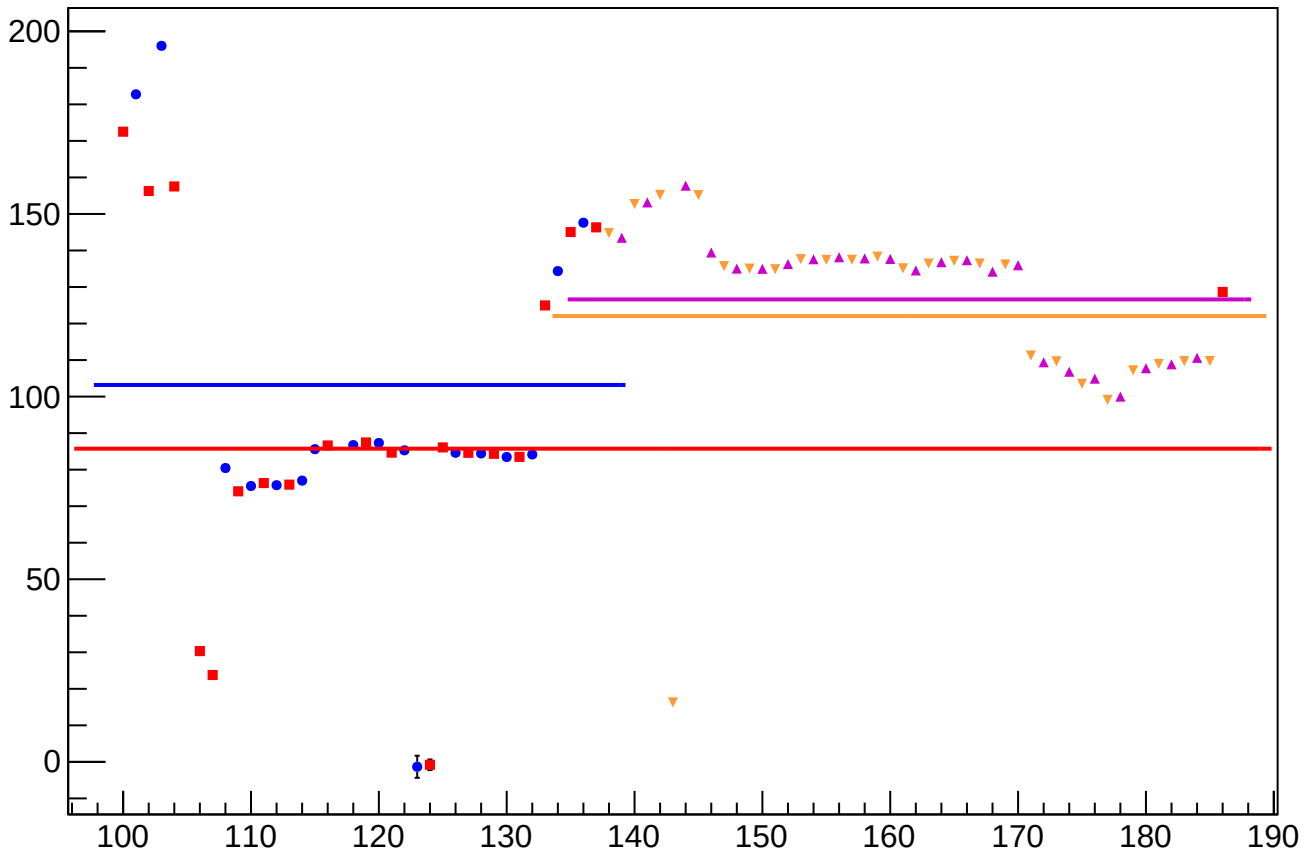
Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

+ 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

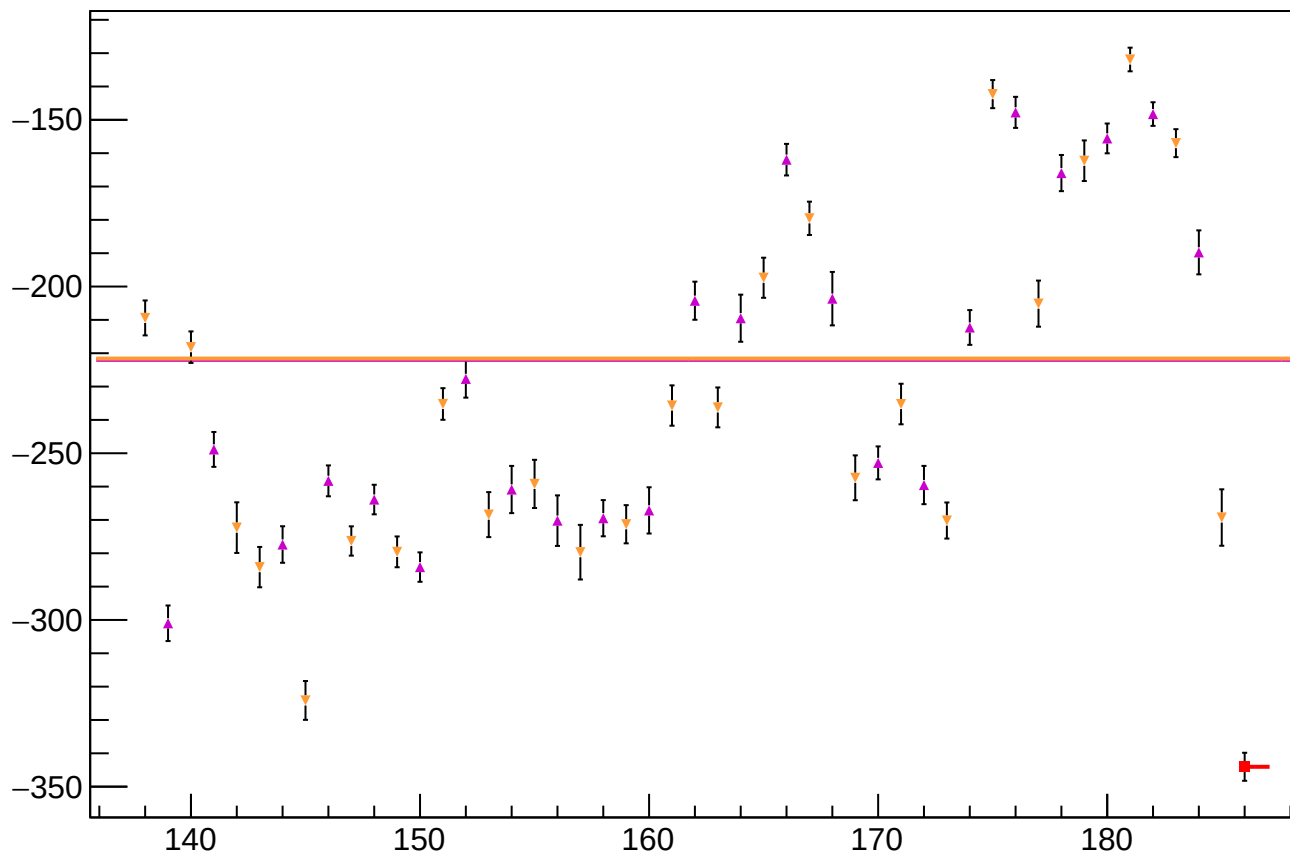
Left In: 126.605 $\pm$ 0.041 χ^2/NDF : 164757.9/22

+ 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

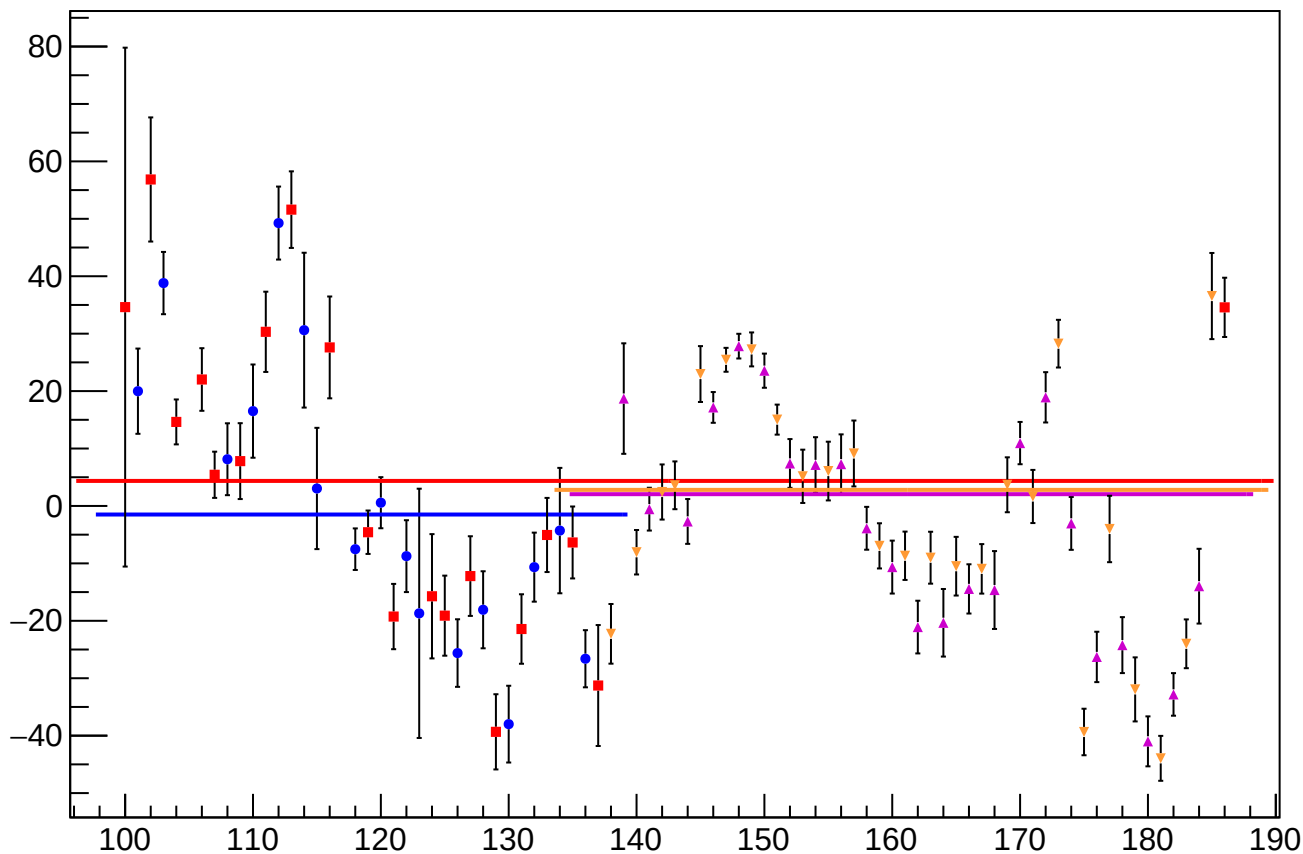
Left In: -221.980 ± 1.098 χ^2/NDF : 2190.6/22

+ 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



Right In: -1.492 ± 1.513 $\chi^2/\text{NDF}: 226.1/16$

Left Out: 2.800 ± 0.810 $\chi^2/\text{NDF}: 685.5/24$

Right Out: 4.359 ± 1.353 $\chi^2/\text{NDF}: 269.5/19$

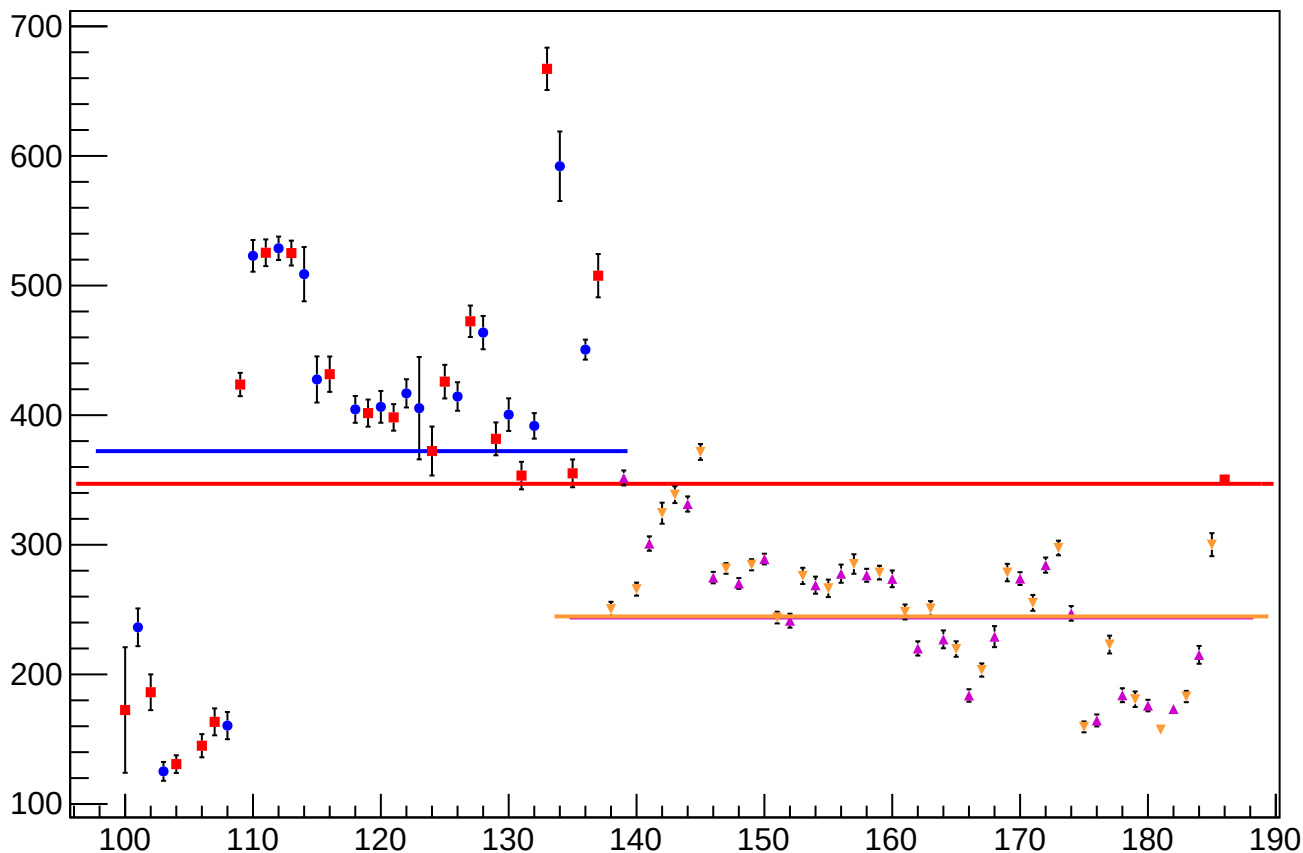
Left In: 2.050 ± 0.833 $\chi^2/\text{NDF}: 592.6/22$

+ sign 1.845 ± 0.714 $\chi^2/\text{NDF}: 917.9/41$

All: 2.267 ± 0.503 $\chi^2/\text{NDF}: 1782.7/84$

- sign 2.684 ± 0.709 $\chi^2/\text{NDF}: 864.2/42$

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

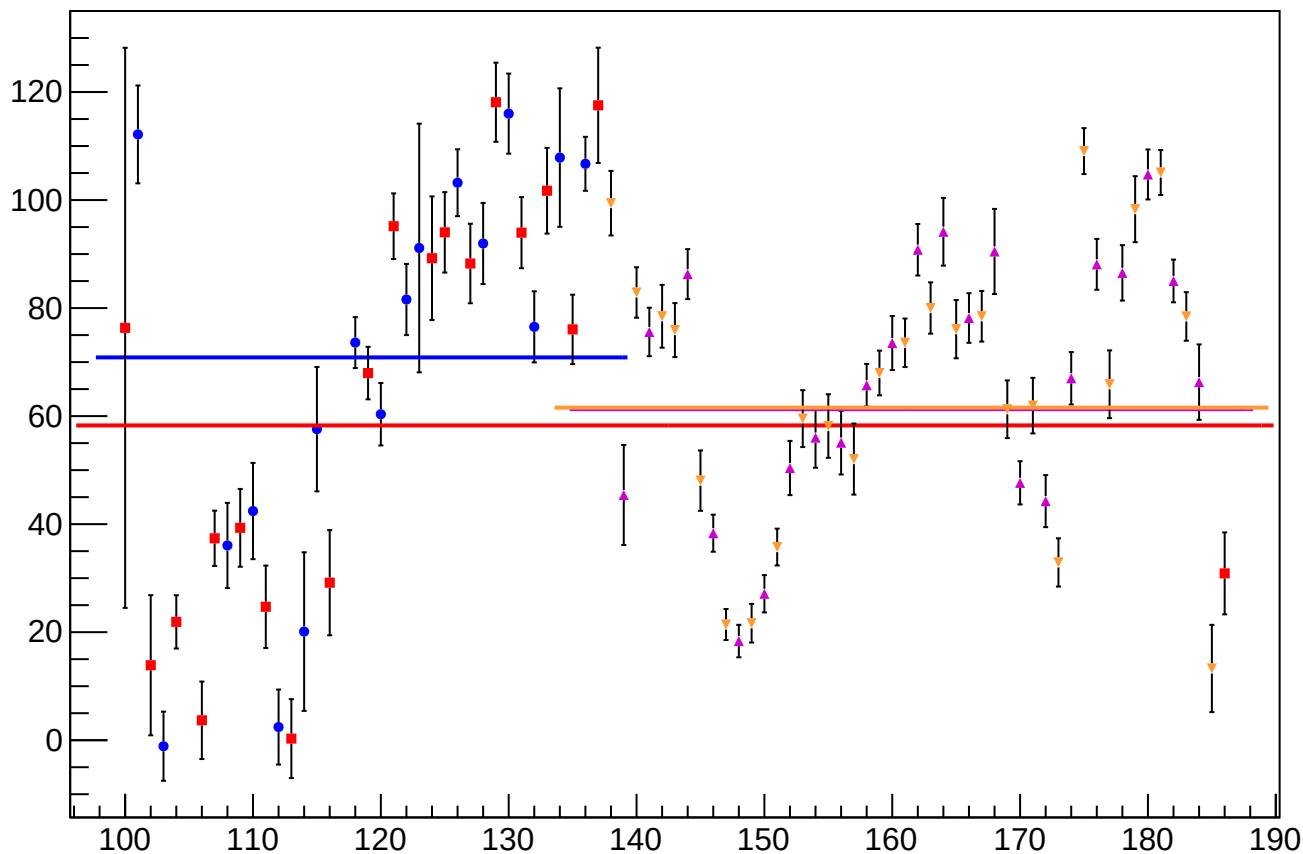
Left In: 243.933 $\pm$ 1.090 χ^2 /NDF: 2294.8/22

+ 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

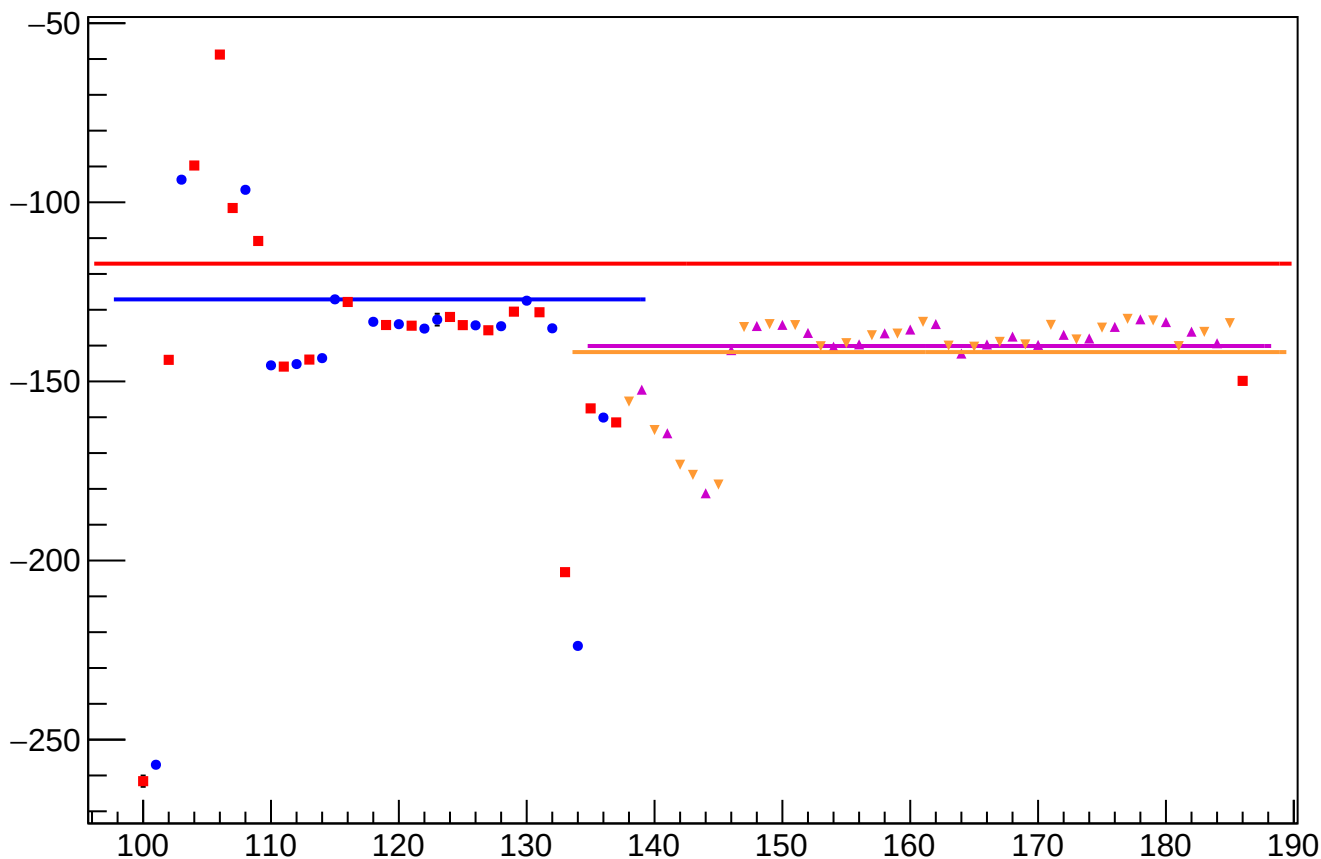
Left In: 61.286 $\pm$ 0.959 χ^2 /NDF: 702.8/22

+ 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 $\chi^2/\text{NDF}: 171286.3/19$

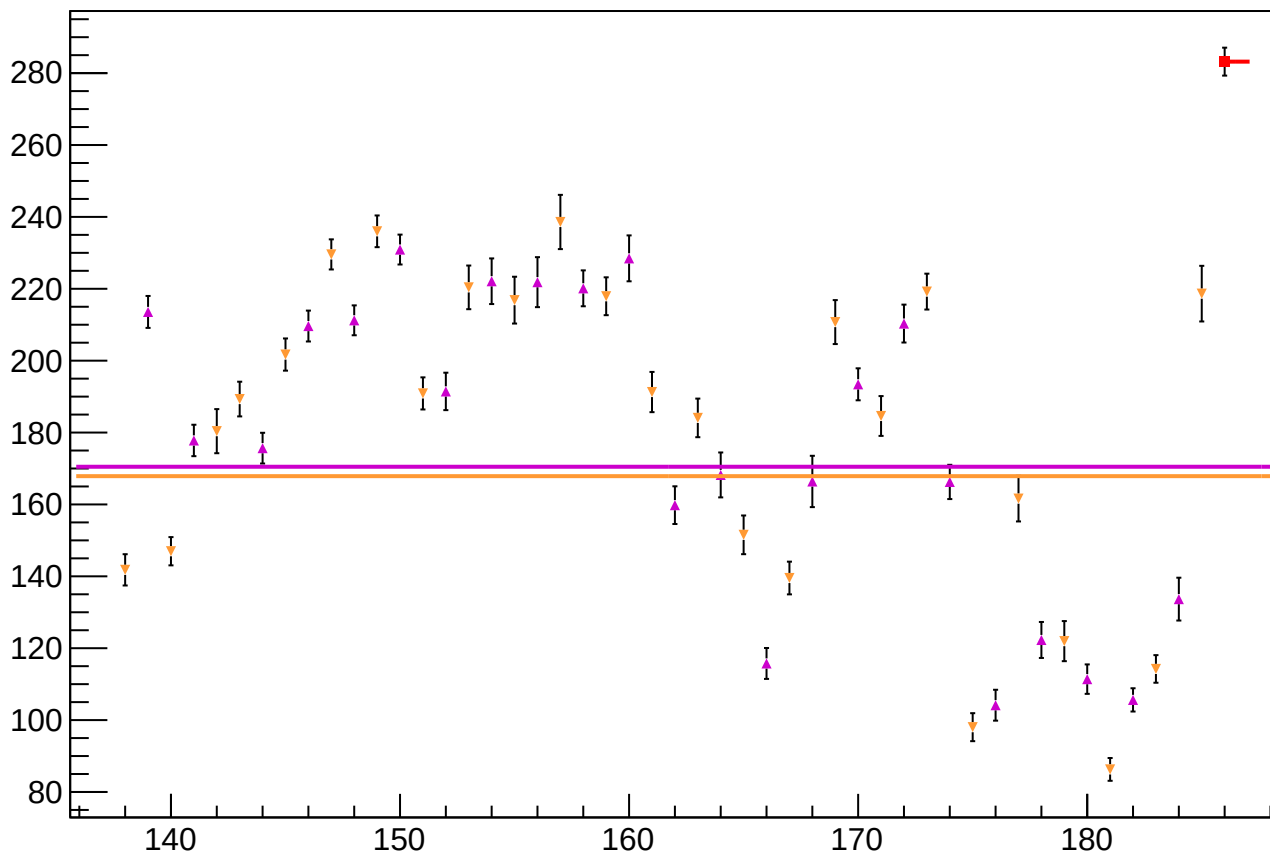
Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

+ 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

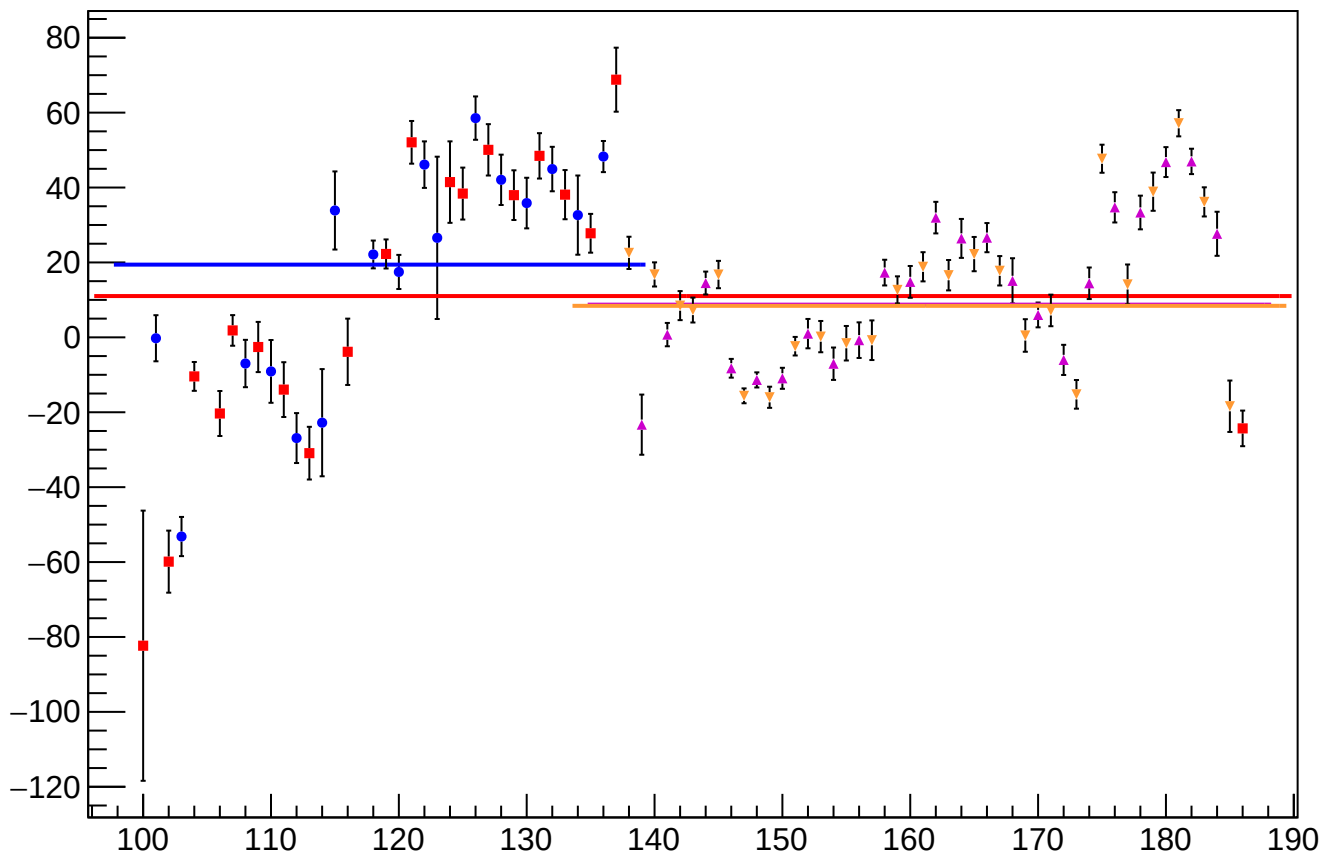
Left In: 170.487+/-0.991 χ^2/NDF : 2036.5/22

+ 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 χ^2/NDF : 441.1/16

Left Out: 8.415 ± 0.731 χ^2/NDF : 750.6/24

Right Out: 11.025 ± 1.336 χ^2/NDF : 496.5/19

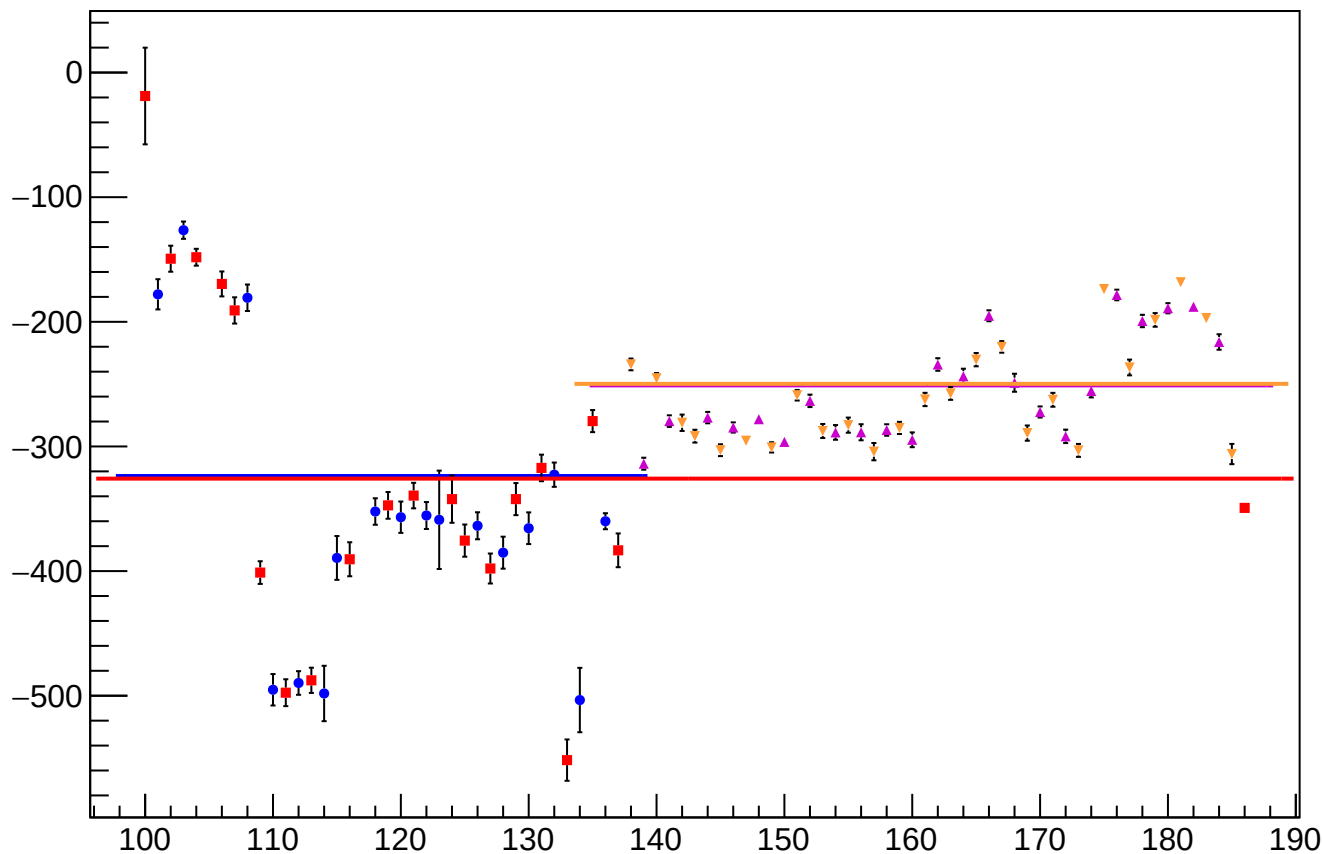
Left In: 8.730 ± 0.757 χ^2/NDF : 630.1/22

+ sign 10.573 ± 0.655 χ^2/NDF : 1236.1/41

All: 9.933 ± 0.464 χ^2/NDF : 2366.9/84

- sign 9.287 ± 0.658 χ^2/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

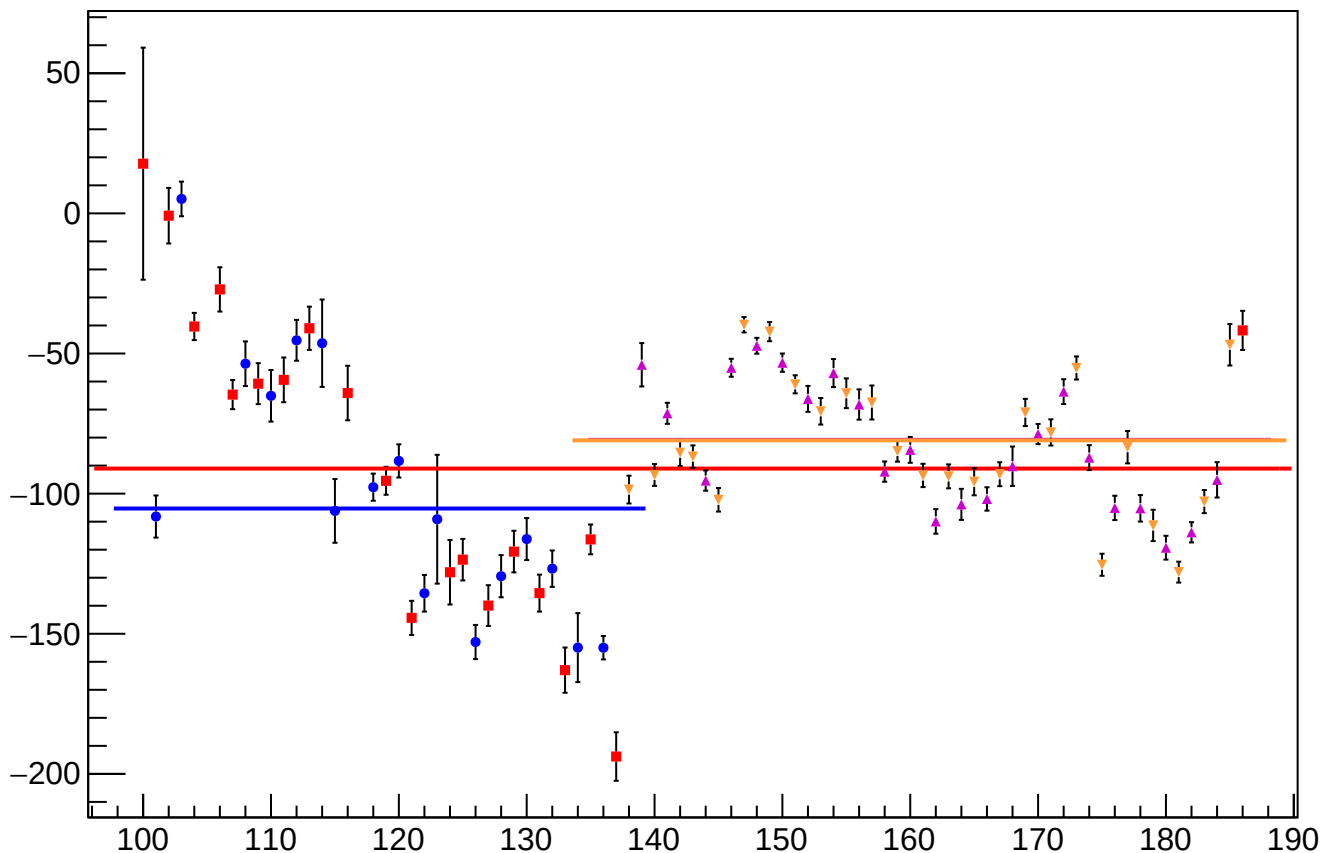
Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

+ 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 $\chi^2/\text{NDF}: 737.5/16$

Left Out: -80.981 ± 0.846 $\chi^2/\text{NDF}: 911.2/24$

Right Out: -91.056 ± 1.570 $\chi^2/\text{NDF}: 879.0/19$

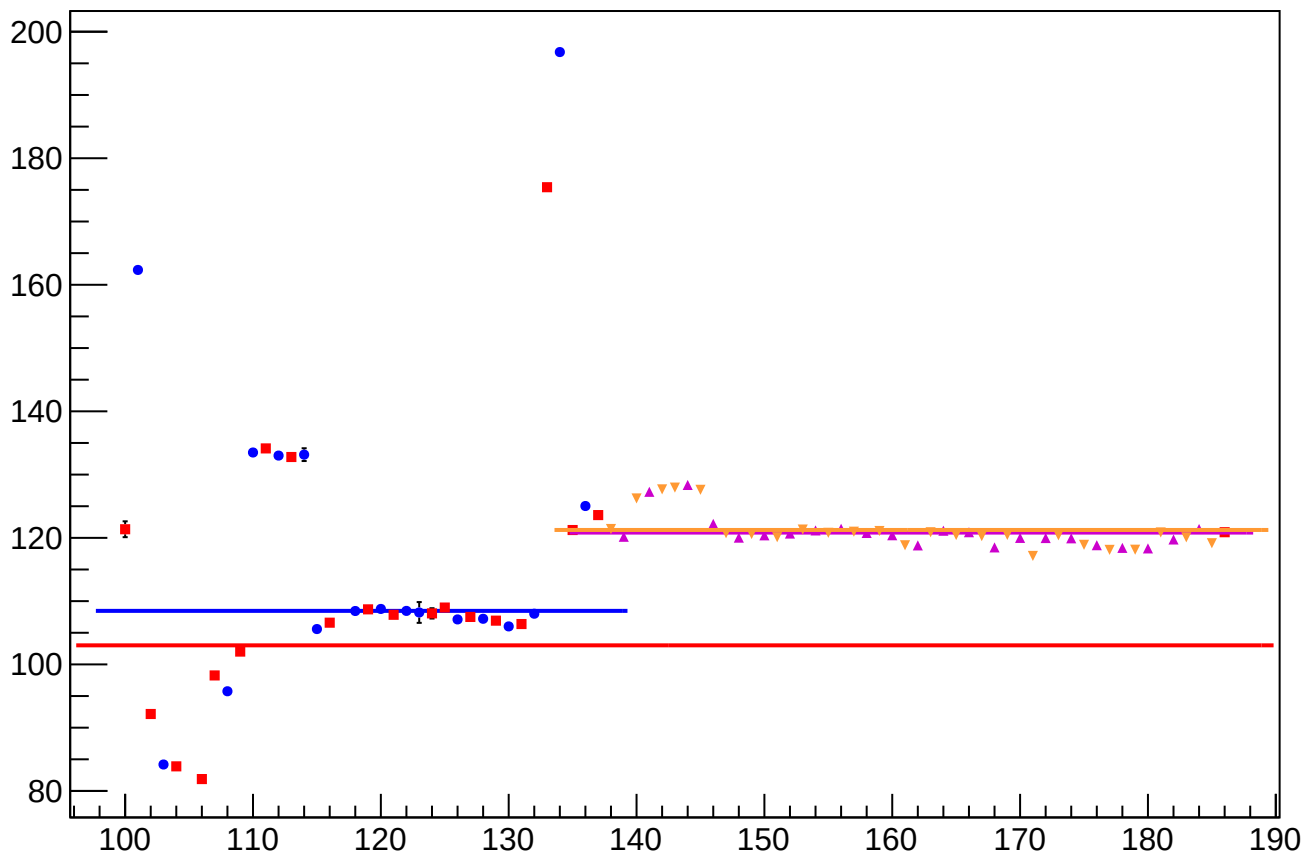
Left In: -80.803 ± 0.870 $\chi^2/\text{NDF}: 695.4/22$

+ sign -85.841 ± 0.757 $\chi^2/\text{NDF}: 1813.9/41$

All: -84.533 ± 0.537 $\chi^2/\text{NDF}: 3426.9/84$

- sign -83.210 ± 0.761 $\chi^2/\text{NDF}: 1607.0/42$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 $\pm$ 0.085 χ^2 /NDF: 73302.1/16

Left Out: 121.248 $\pm$ 0.040 χ^2 /NDF: 4820.1/24

Right Out: 103.013 $\pm$ 0.078 χ^2 /NDF: 54429.1/19

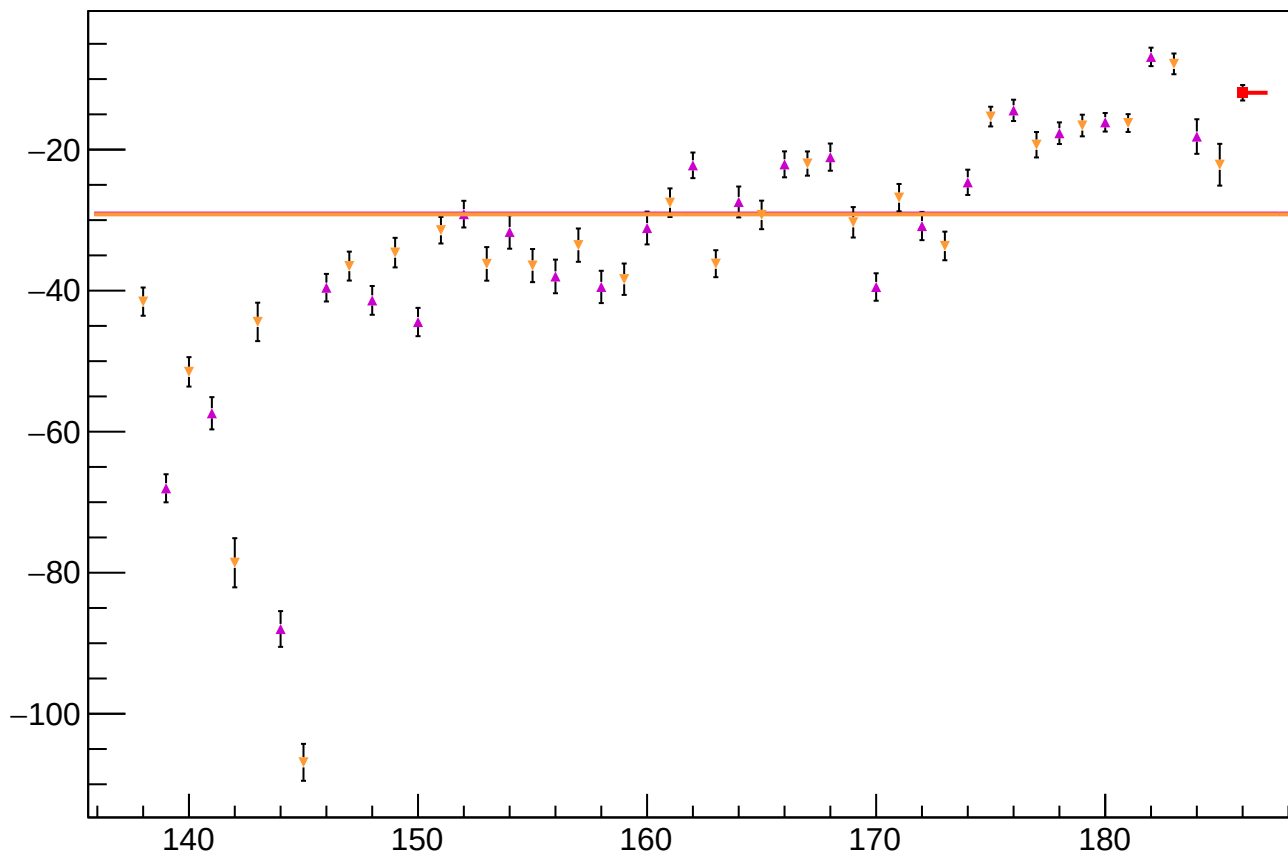
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.896 $\pm$ 0.036 χ^2 /NDF: 96715.1/41

All: 117.982 $\pm$ 0.026 χ^2 /NDF: 196474.4/84

- sign 117.085 $\pm$ 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

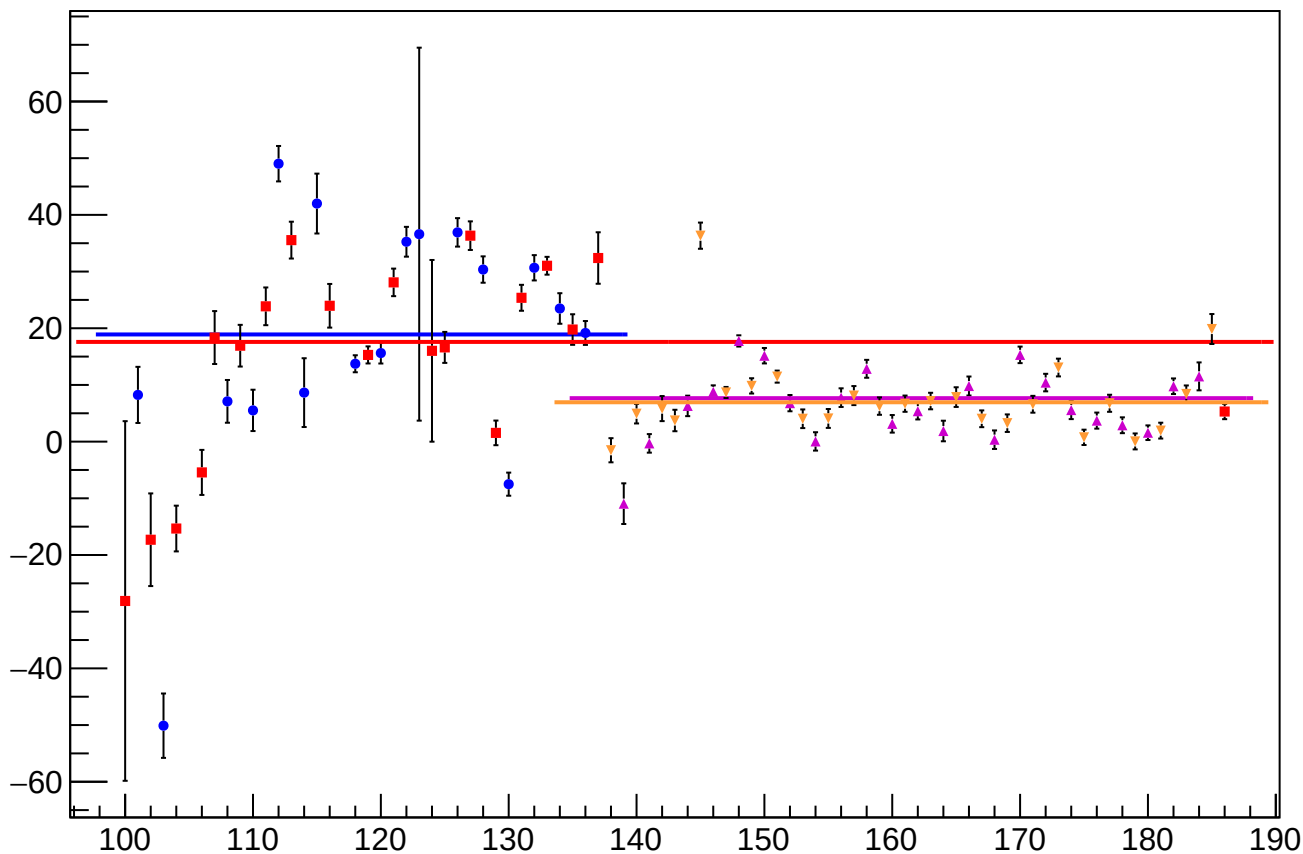
Left In: -29.073 $\pm$ 0.394 χ^2 /NDF:1872.4/22

+ 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 ± 0.644 χ^2/NDF : 618.9/16

Left Out: 6.943 ± 0.304 χ^2/NDF : 322.6/24

Right Out: 17.590 ± 0.581 χ^2/NDF : 467.1/19

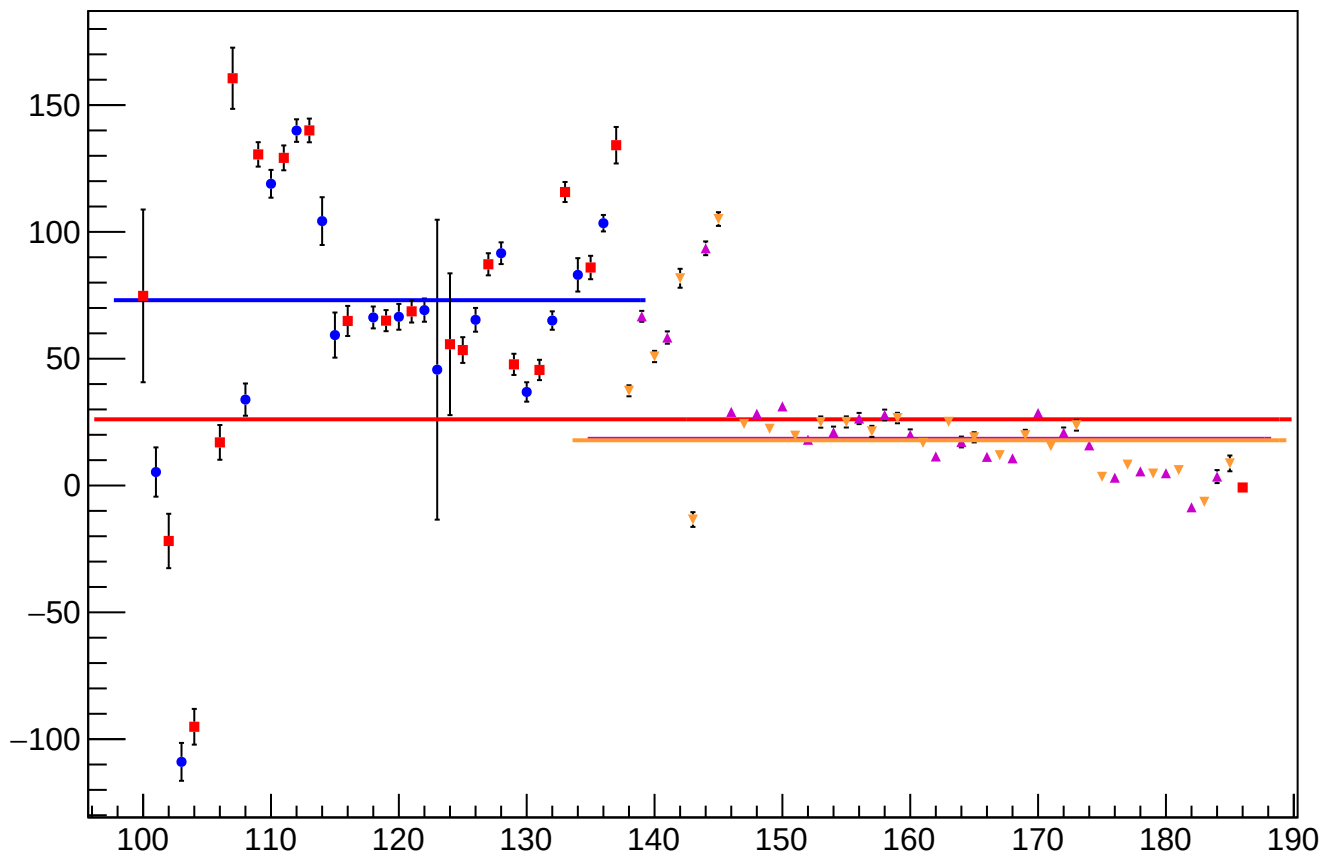
Left In: 7.666 ± 0.313 χ^2/NDF : 341.1/22

+ sign 9.121 ± 0.275 χ^2/NDF : 1224.2/41

All: 9.507 ± 0.194 χ^2/NDF : 2262.7/84

- sign 9.896 ± 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

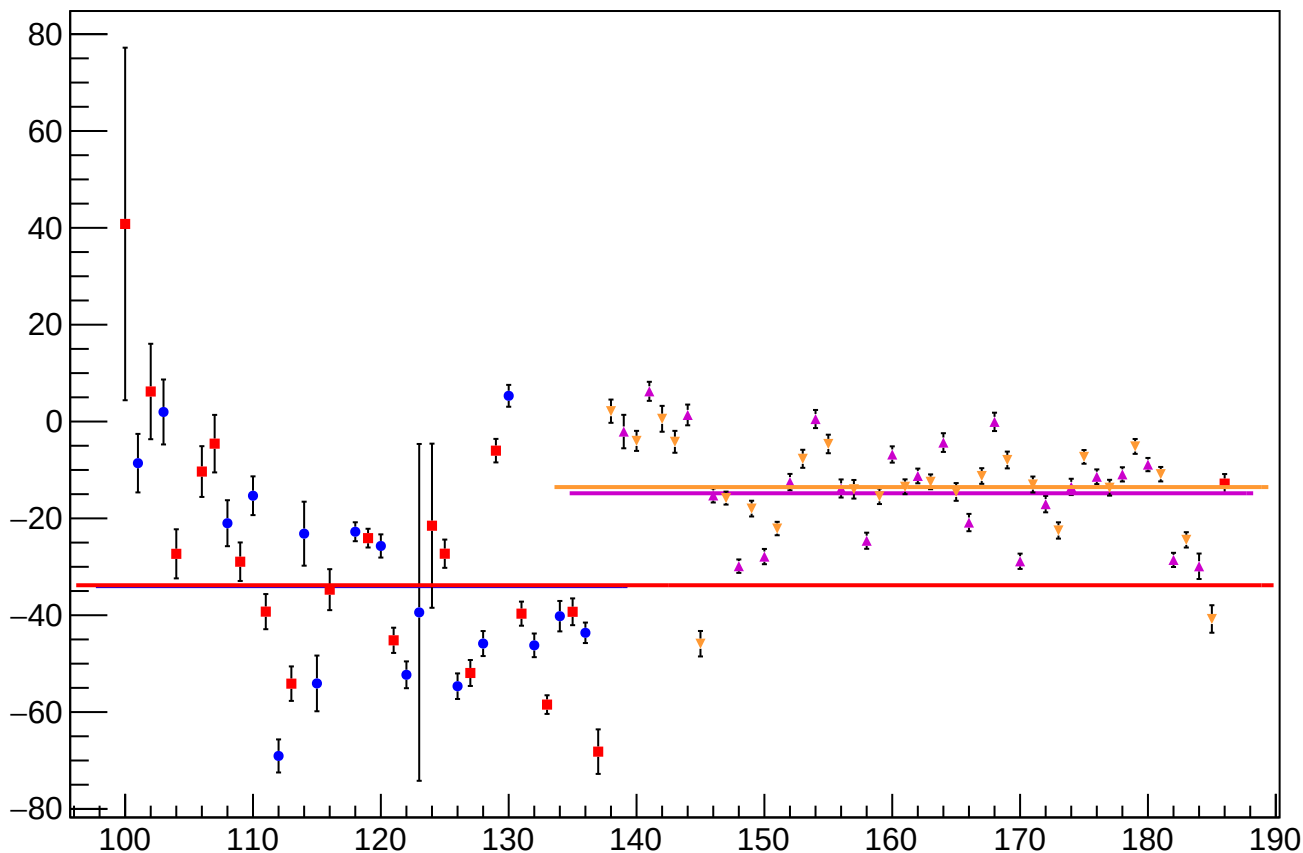
Left In: 18.416 $\pm$ 0.391 χ^2 /NDF: 2468.4/22

+ 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

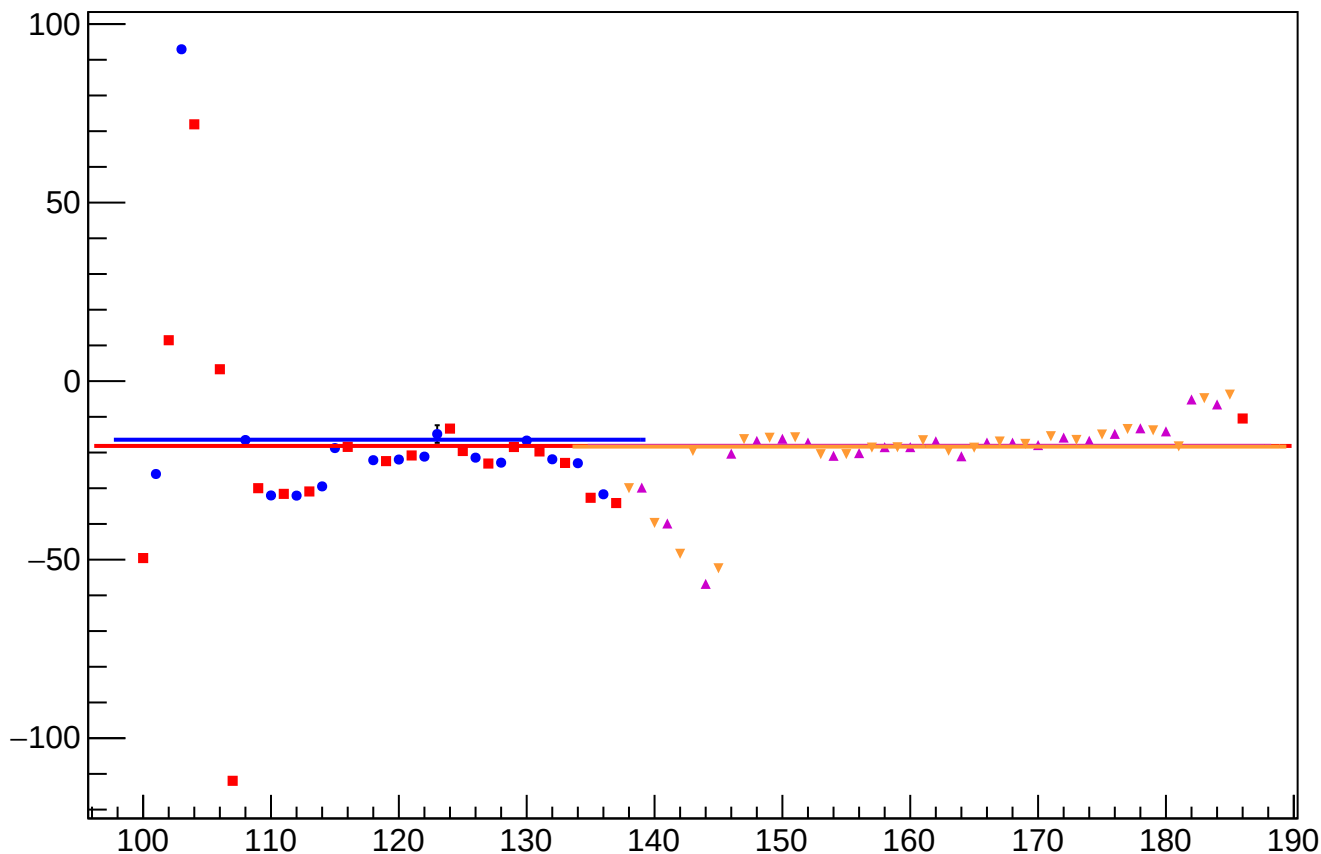
Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

+ 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 $\chi^2/\text{NDF}: 437389.5/19$

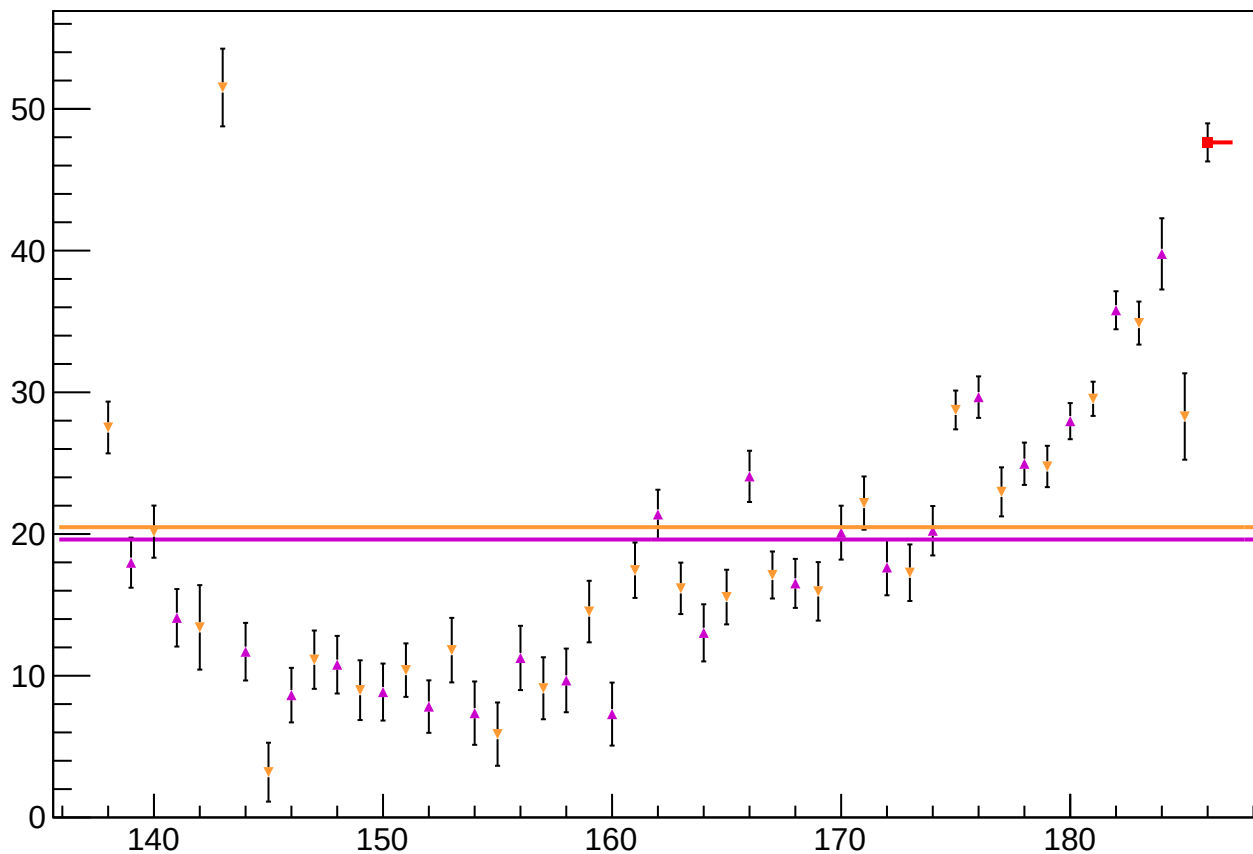
Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

+ 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

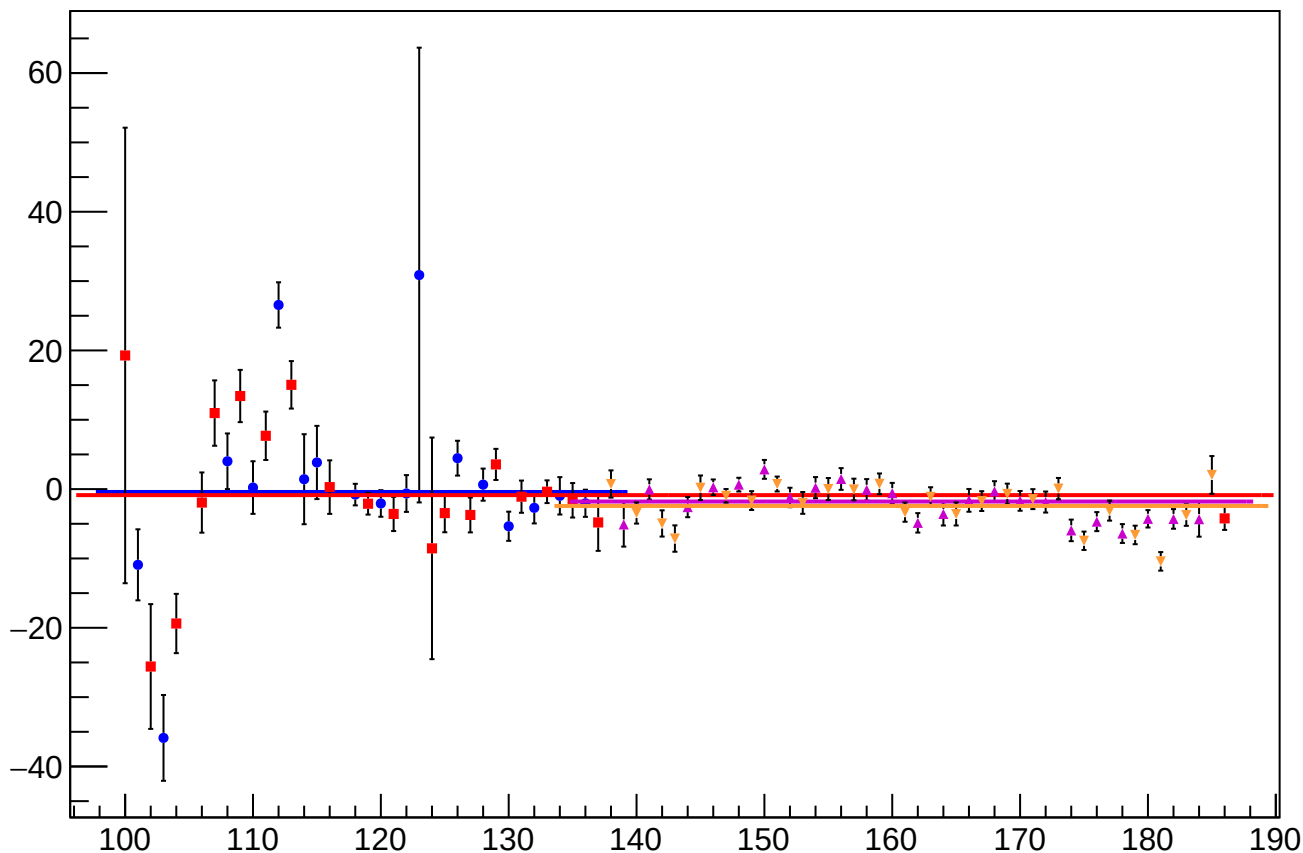
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF:572.7/22

+ 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

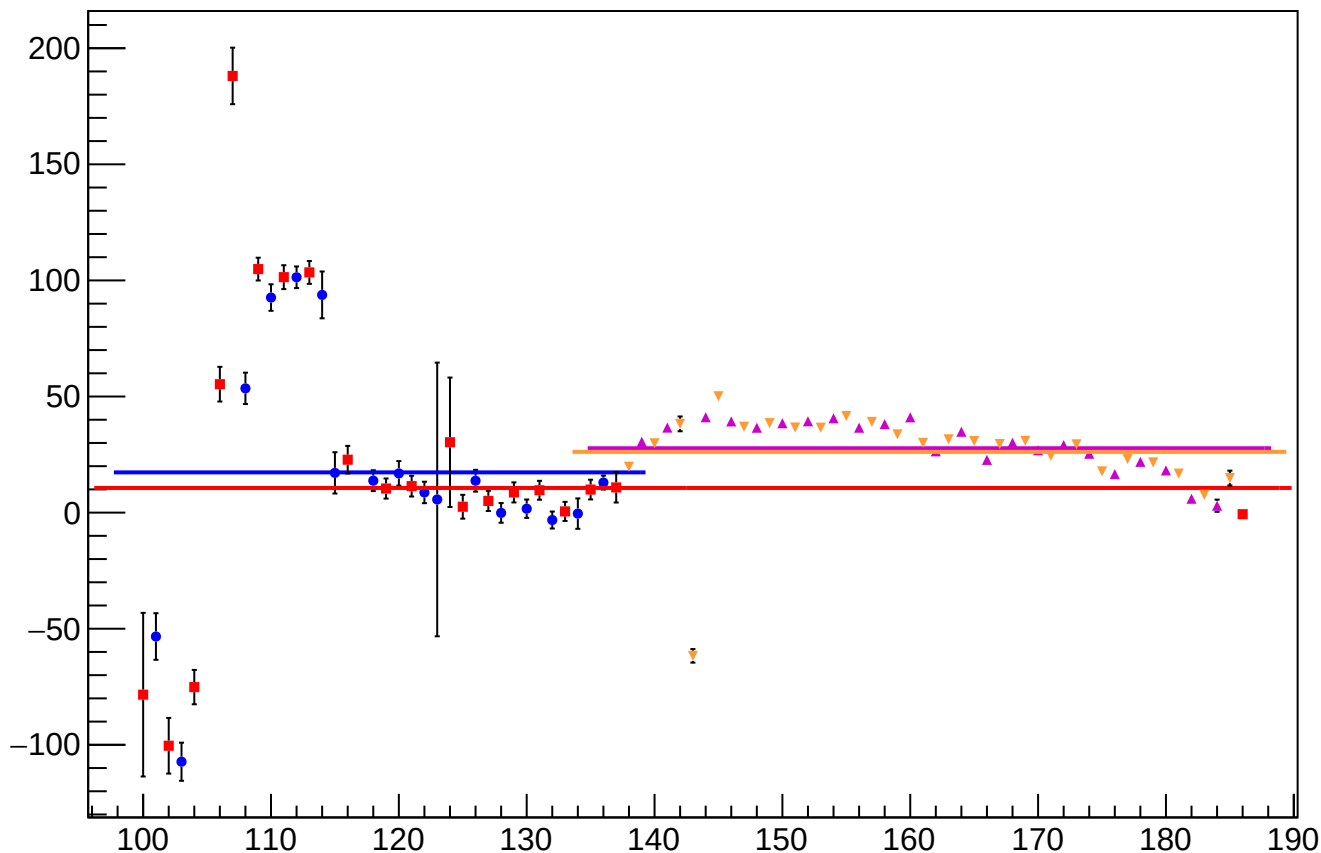
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ 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 $\pm$ 1.239 χ^2 /NDF: 943.2/16

Left Out: 26.164 $\pm$ 0.373 χ^2 /NDF:1577.6/24

Right Out: 10.621 $\pm$ 0.813 χ^2 /NDF: 1636.7/19

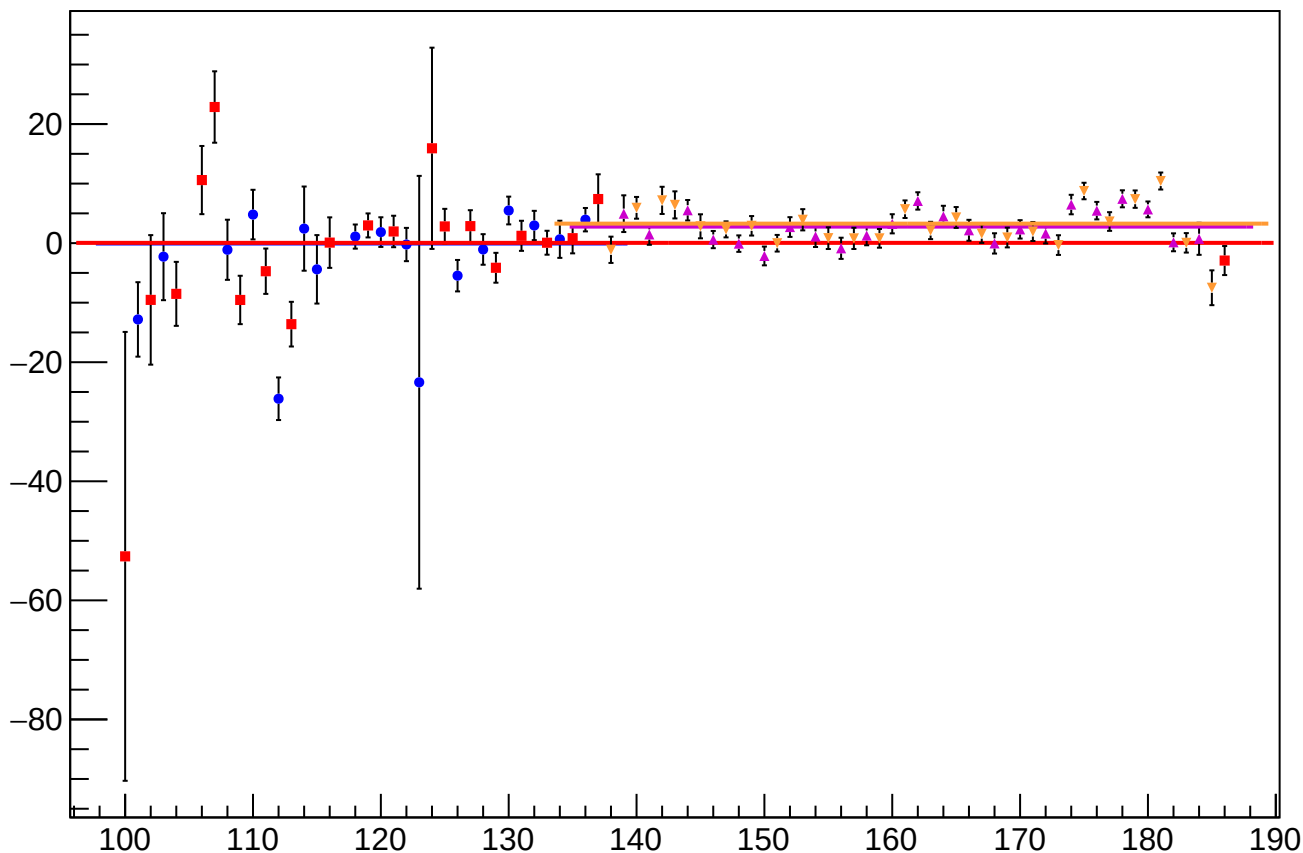
Left In: 27.725 $\pm$ 0.377 χ^2 /NDF:805.1/22

+ sign 25.430 $\pm$ 0.357 χ^2 /NDF: 2567.4/41

All: 25.052 $\pm$ 0.247 χ^2 /NDF: 5375.3/84

- sign 24.705 $\pm$ 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

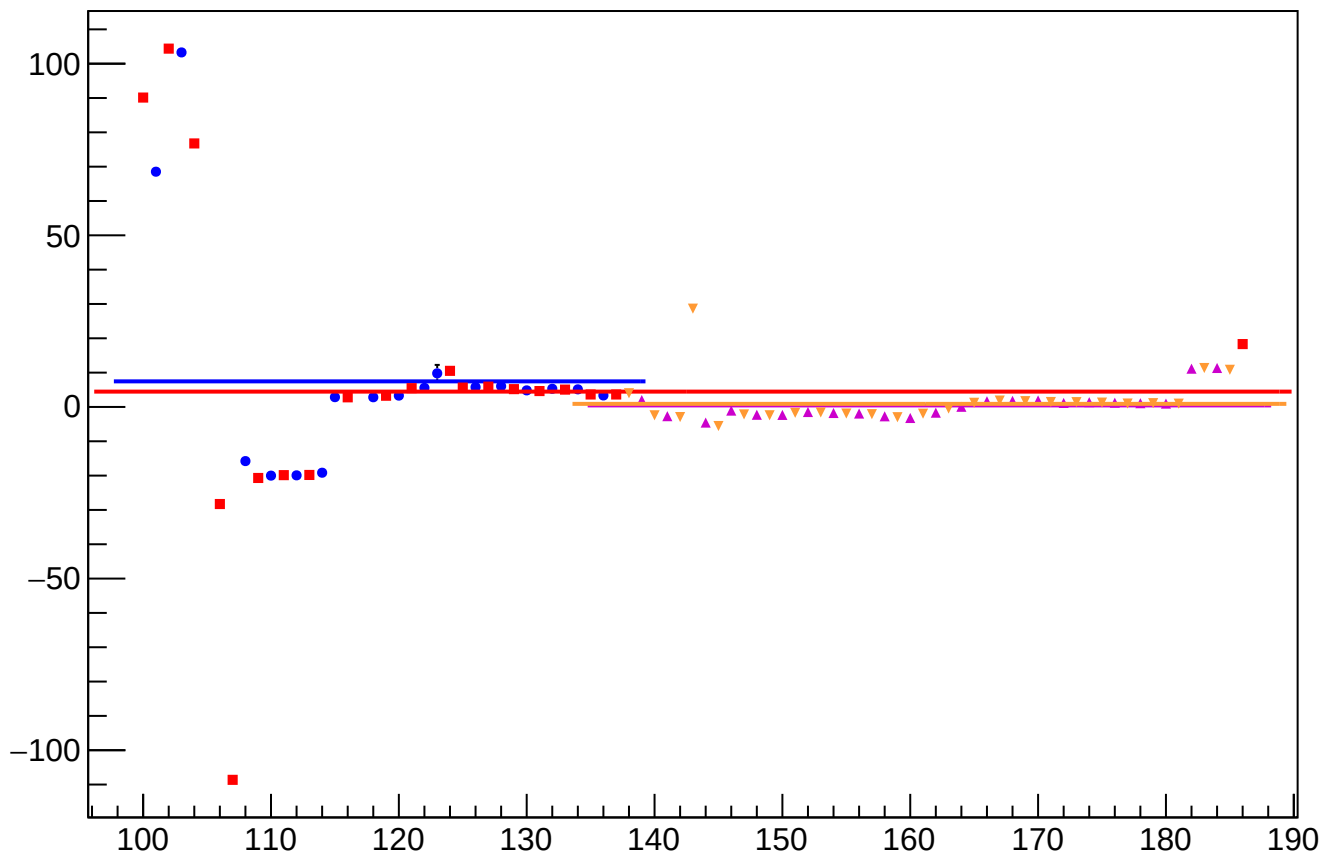
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ 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 $\pm$ 0.044 χ^2 /NDF: 356053.3/16

Left Out: 0.898 $\pm$ 0.015 χ^2 /NDF:108195.0/24

Right Out: 4.469 $\pm$ 0.044 χ^2 /NDF: 517481.8/19

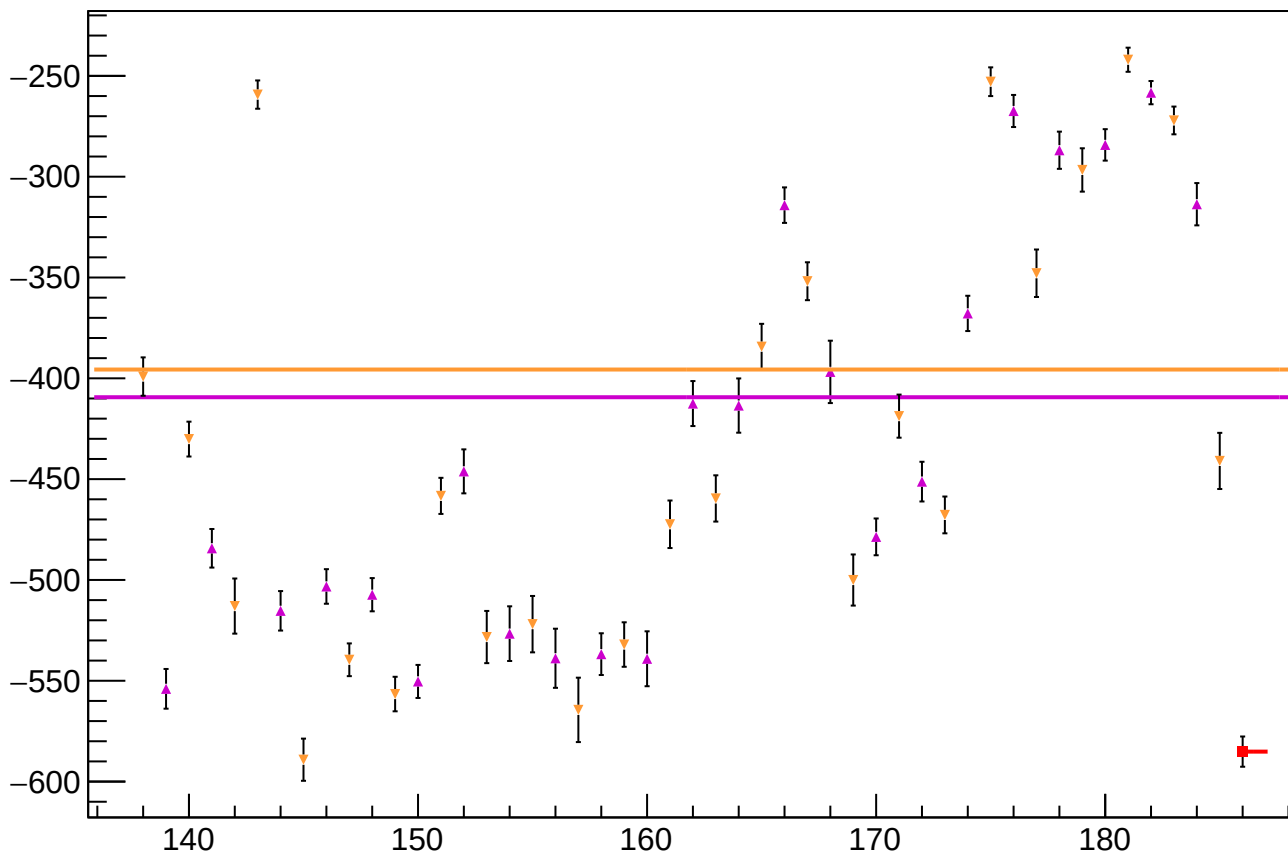
Left In: 0.448 $\pm$ 0.015 χ^2 /NDF:50533.6/22

+ sign 1.586 $\pm$ 0.014 χ^2 /NDF: 483744.8/41

All: 1.238 $\pm$ 0.010 χ^2 /NDF: 1060373.5/84

- sign 0.884 $\pm$ 0.015 χ^2 /NDF: 575447.6/42

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -395.638+/-1.909 χ^2/NDF : 3704.0/24

Right Out: -585.144+/-7.497 χ^2/NDF : 0.0/0

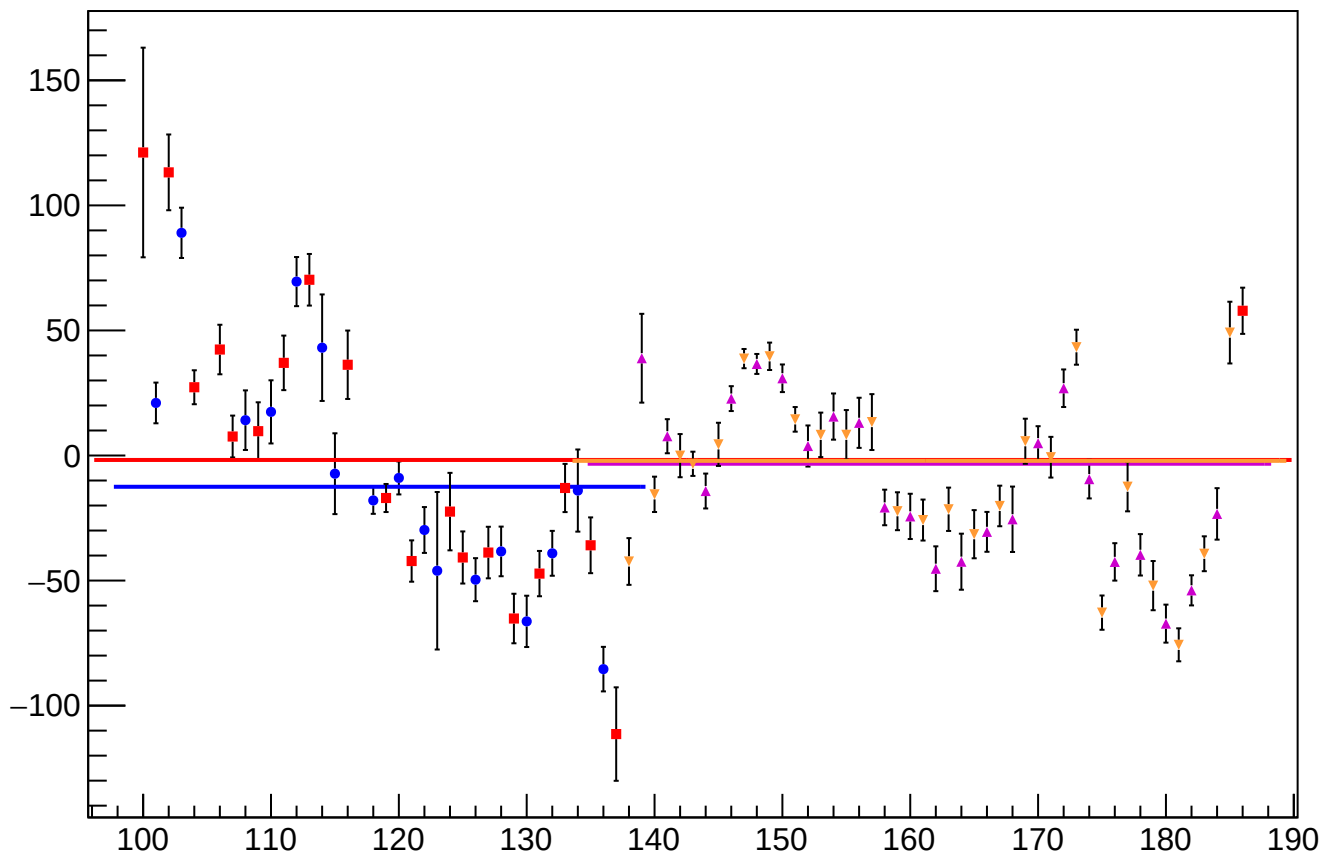
Left In: -409.377+/-1.971 χ^2/NDF : 3096.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -408.208+/-1.349 χ^2/NDF : 7400.9/48

- sign -420.745+/-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

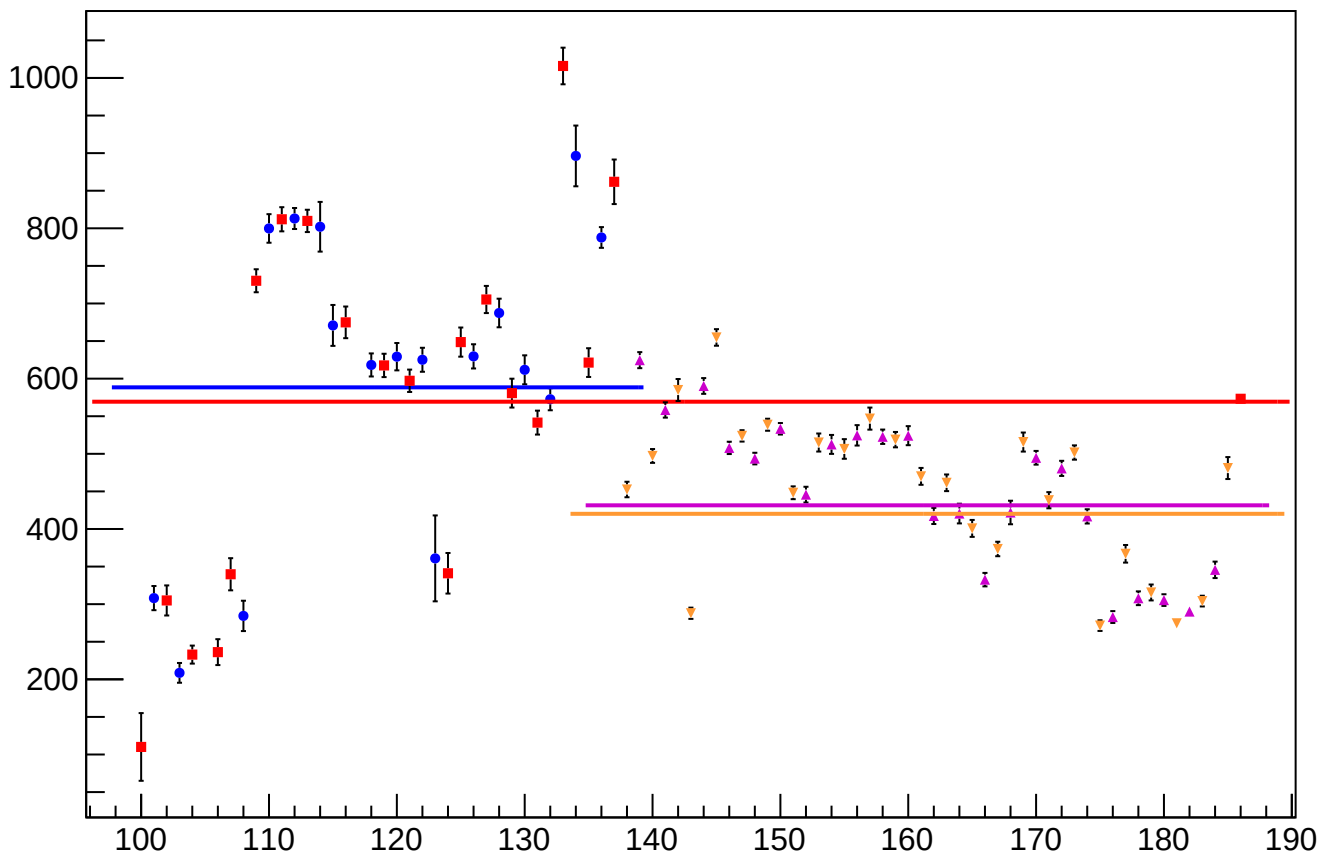
Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

+ 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



Right In: 588.421 $\pm$ 4.320 χ^2 /NDF: 2130.2/16

Left Out: 420.181 $\pm$ 1.916 χ^2 /NDF:3241.0/24

Right Out: 569.326 $\pm$ 3.402 χ^2 /NDF: 2785.5/19

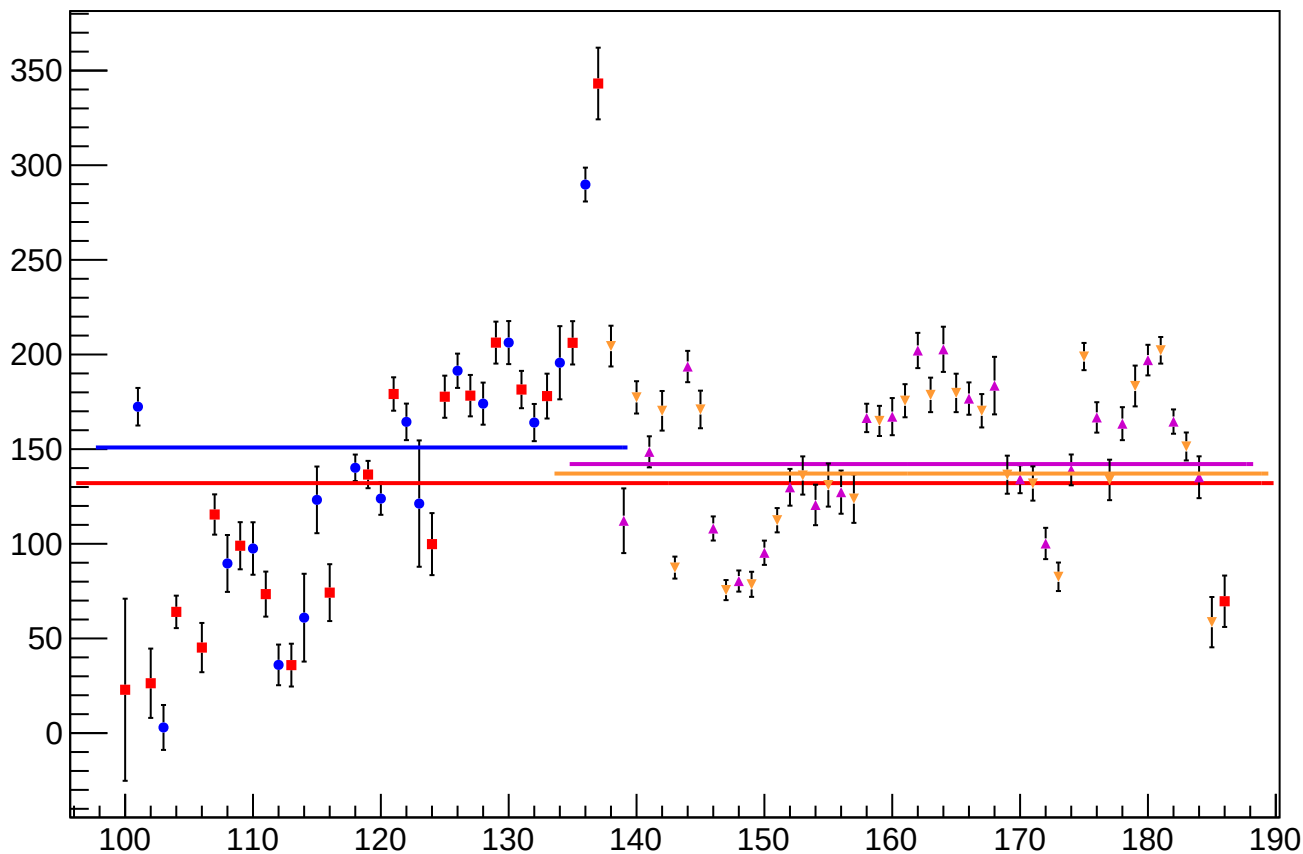
Left In: 431.487 $\pm$ 1.964 χ^2 /NDF:2897.1/22

+ sign 447.822 $\pm$ 1.751 χ^2 /NDF: 6638.4/41

All: 457.145 $\pm$ 1.220 χ^2 /NDF: 13607.3/84

- sign 465.940 $\pm$ 1.701 χ^2 /NDF: 6913.8/42

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 $\chi^2/\text{NDF}: 606.8/19$

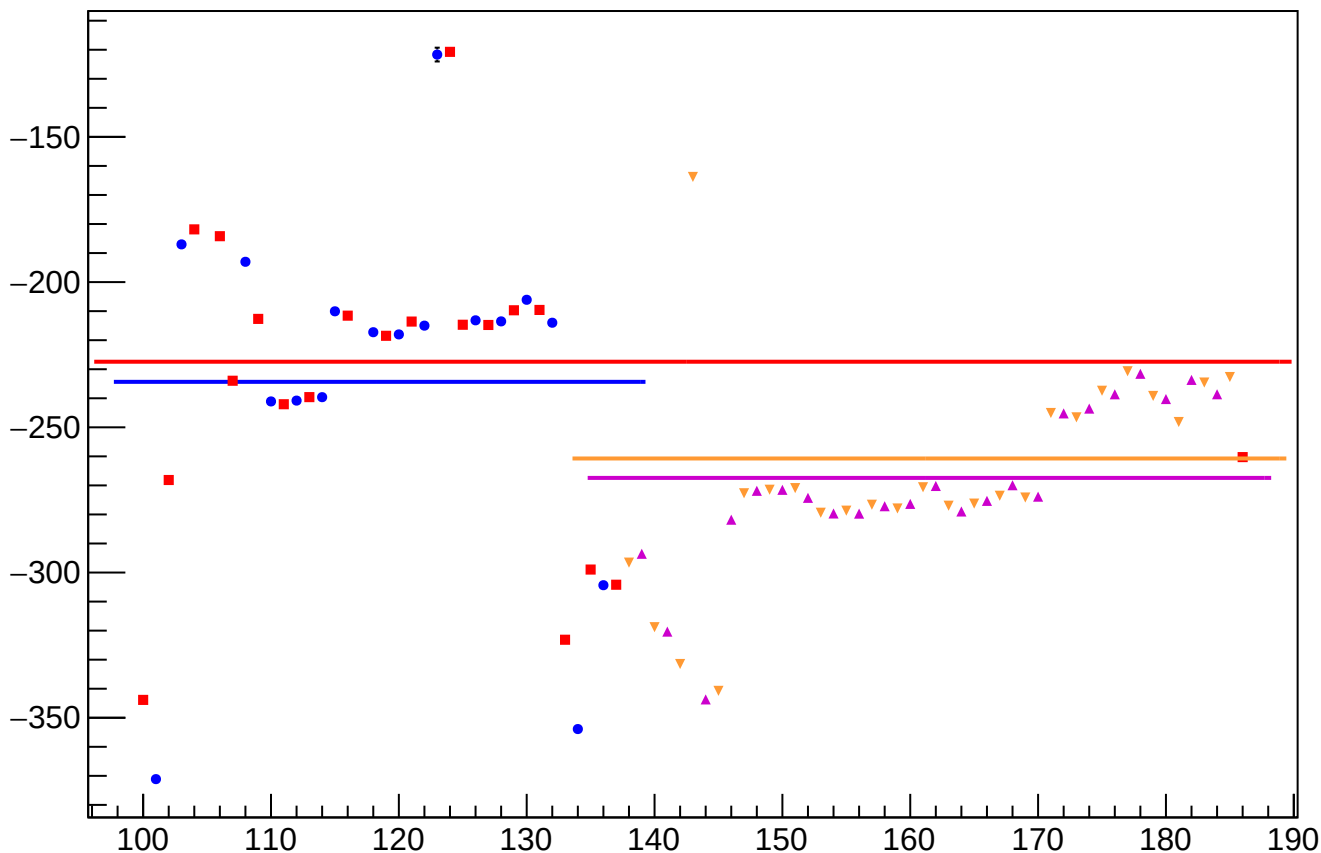
Left In: 142.123 ± 1.740 $\chi^2/\text{NDF}: 463.8/22$

+ 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

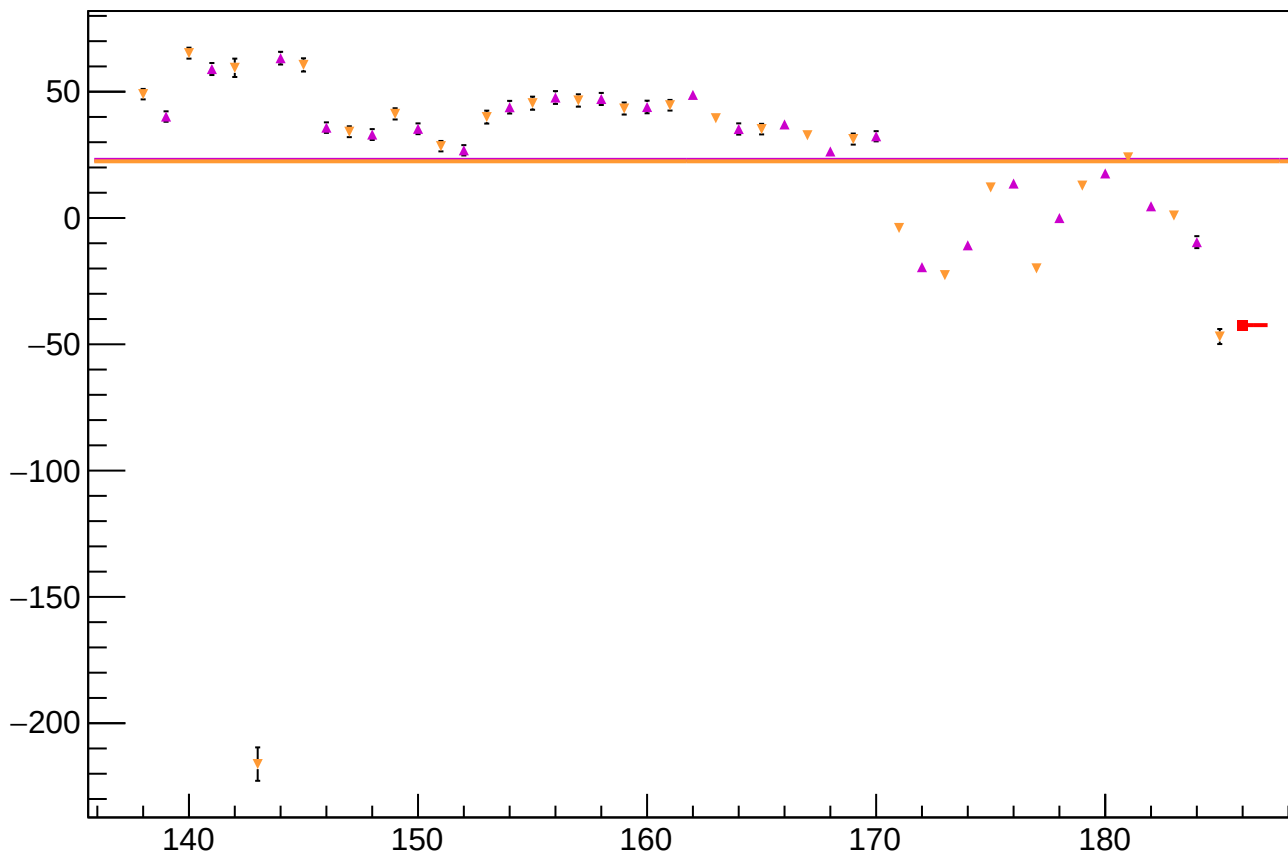
Left In: -267.416+/-0.081 χ^2/NDF : 98892.0/22

+ 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 22.446+/-0.399 χ^2/NDF : 4935.8/24

Right Out: -42.407+/-1.746 χ^2/NDF : 0.0/0

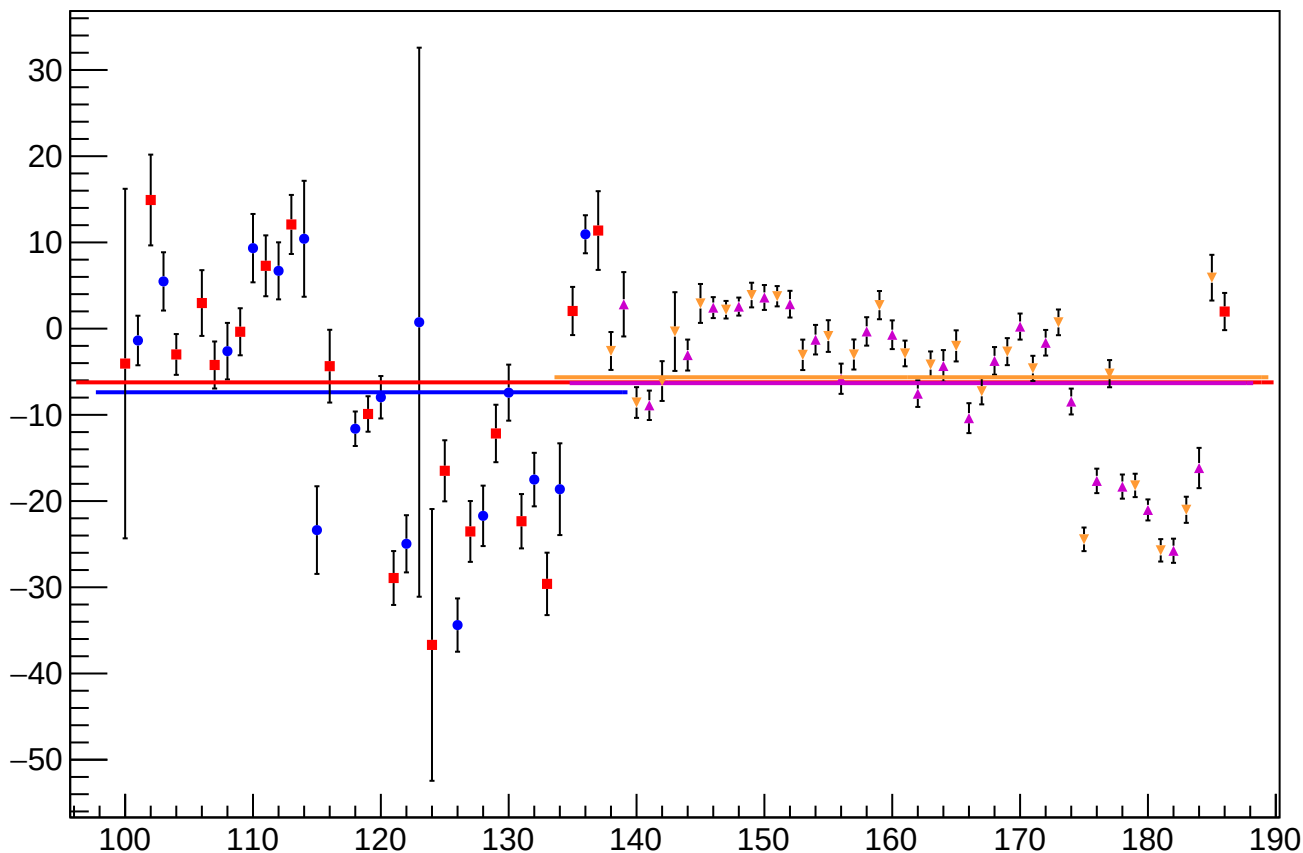
Left In: 23.019+/-0.400 χ^2/NDF : 2819.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.072+/-0.279 χ^2/NDF : 9113.1/48

- sign 19.760+/-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

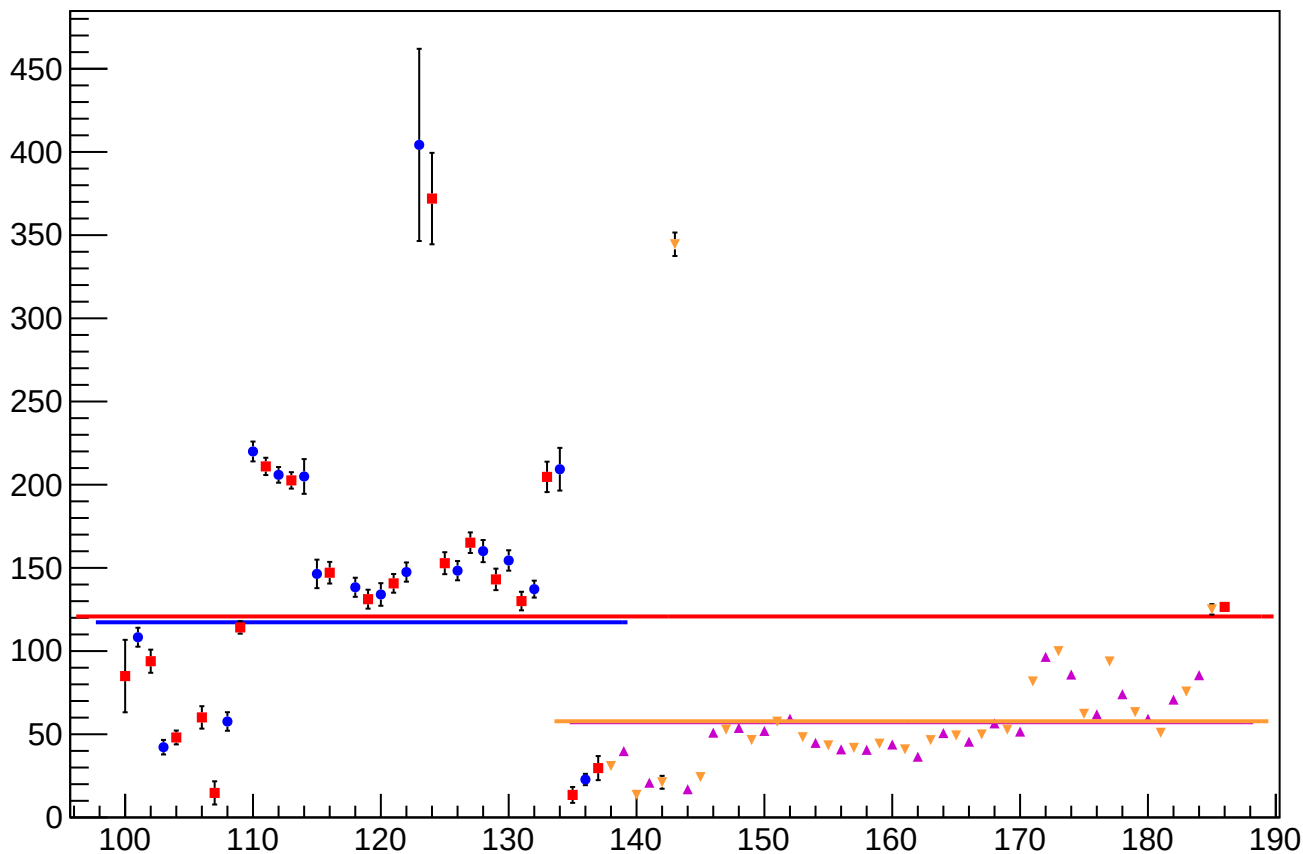
Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

+ 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

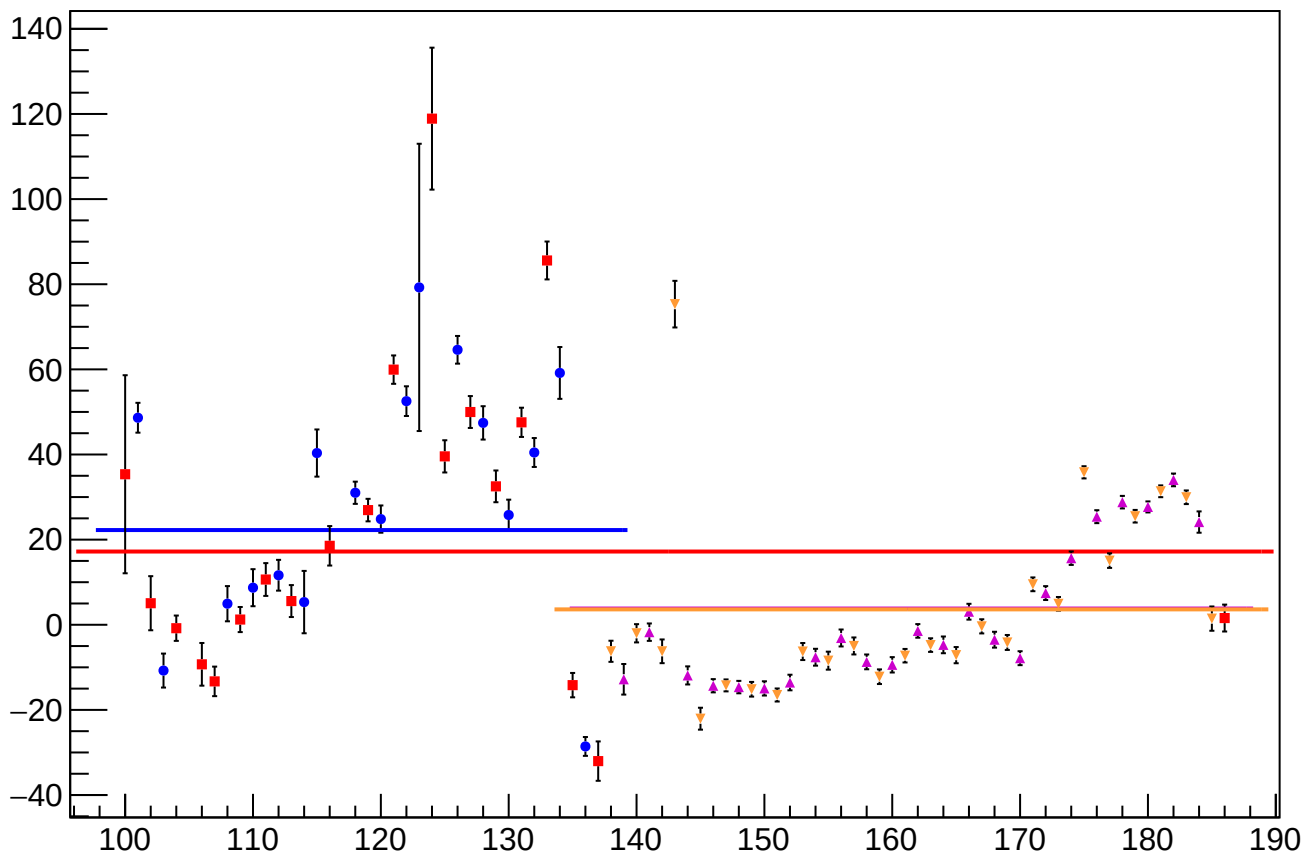
Left In: 57.226 ± 0.398 χ^2/NDF : 1860.6/22

+ 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

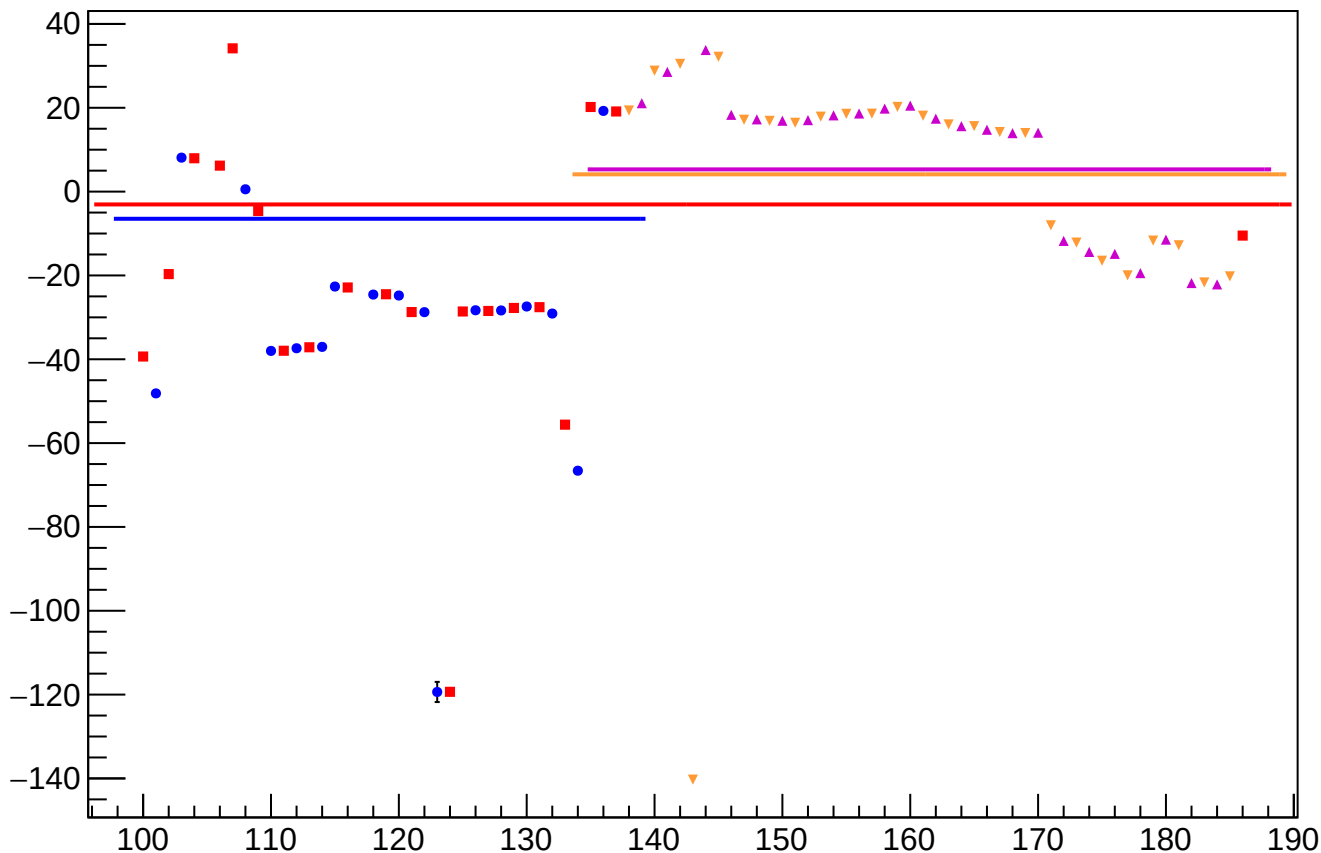
Left In: 3.812 ± 0.361 χ^2/NDF : 2203.5/22

+ 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

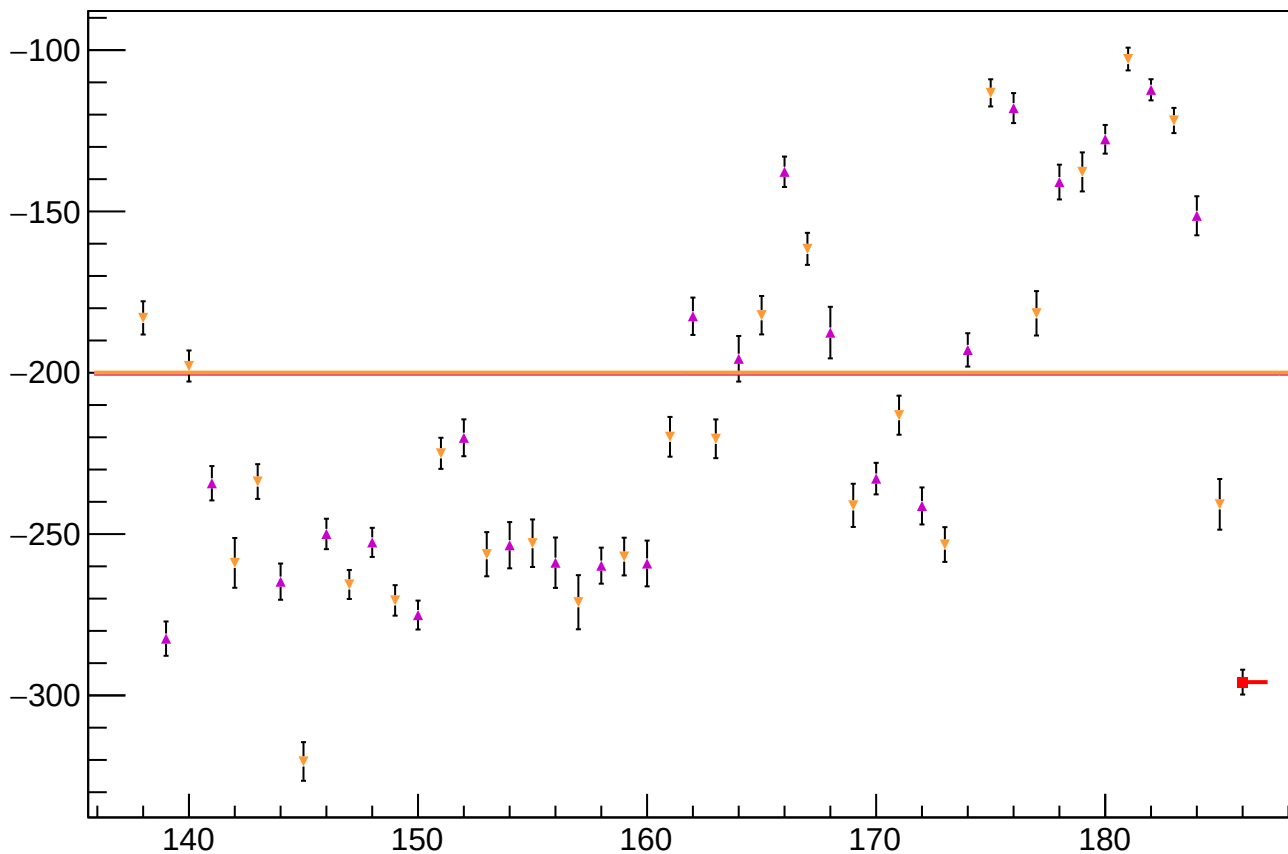
Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

+ 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

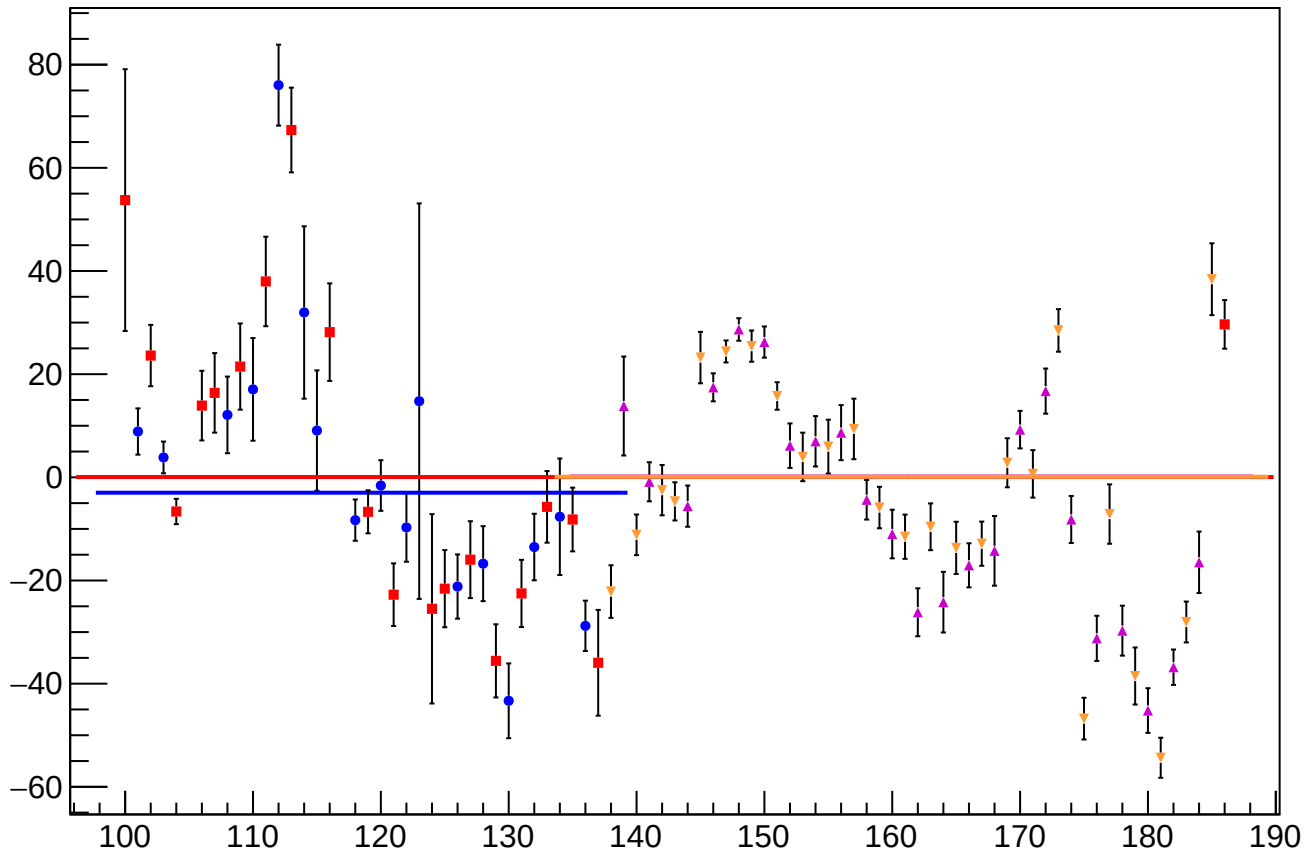
Left In: -200.276 $\pm$ 1.093 χ^2 /NDF: 3013.8/22

+ 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

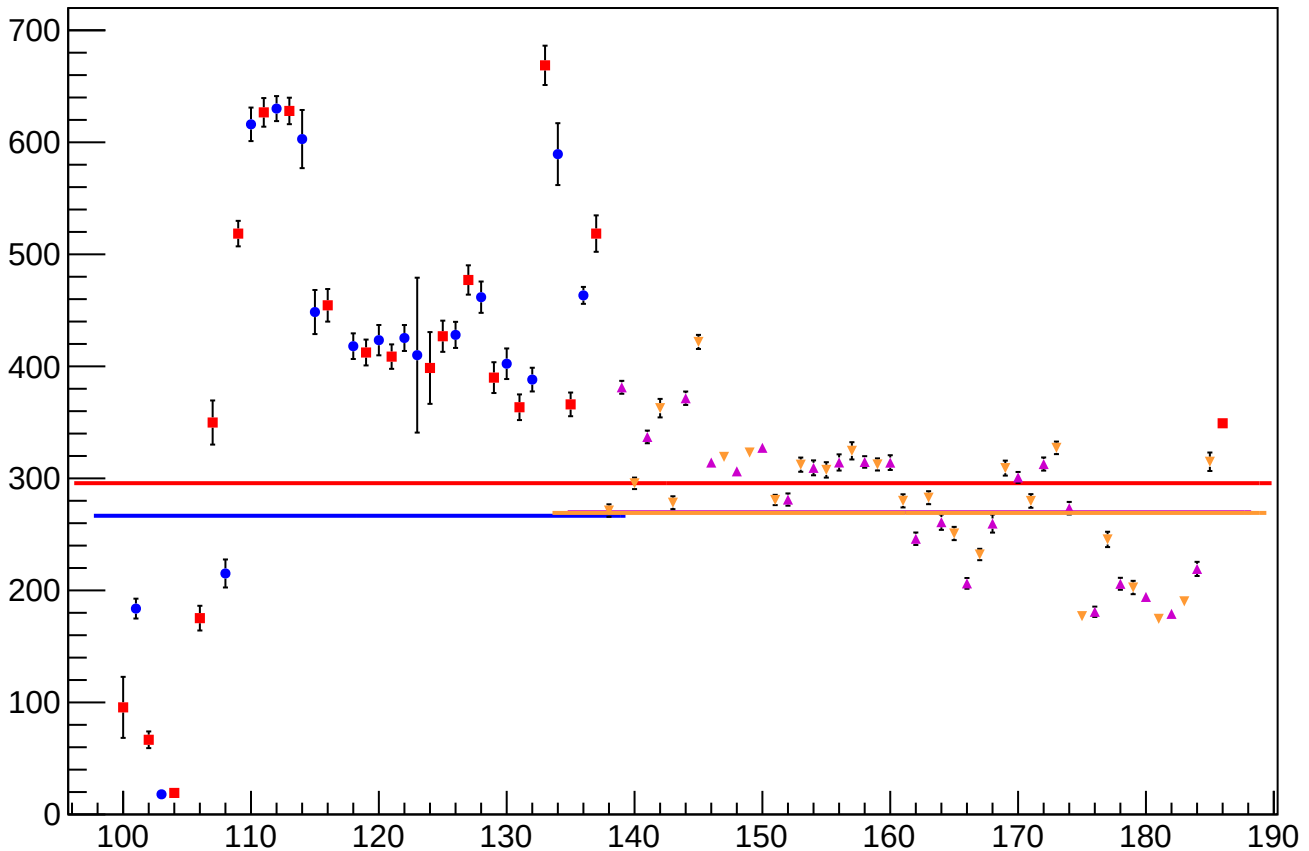
Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

+ 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

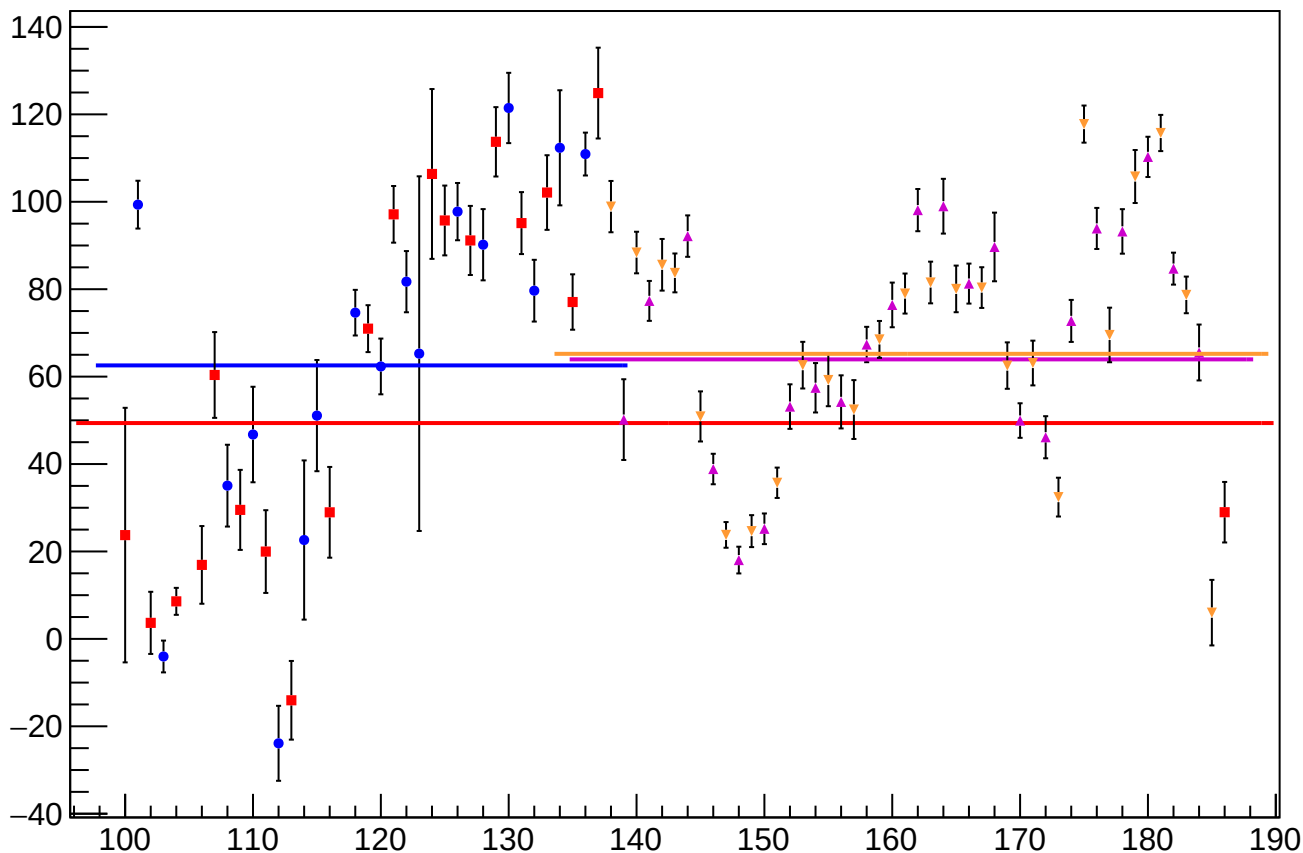
Left In: 269.798 $\pm$ 1.087 χ^2 /NDF: 3234.9/22

+ 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

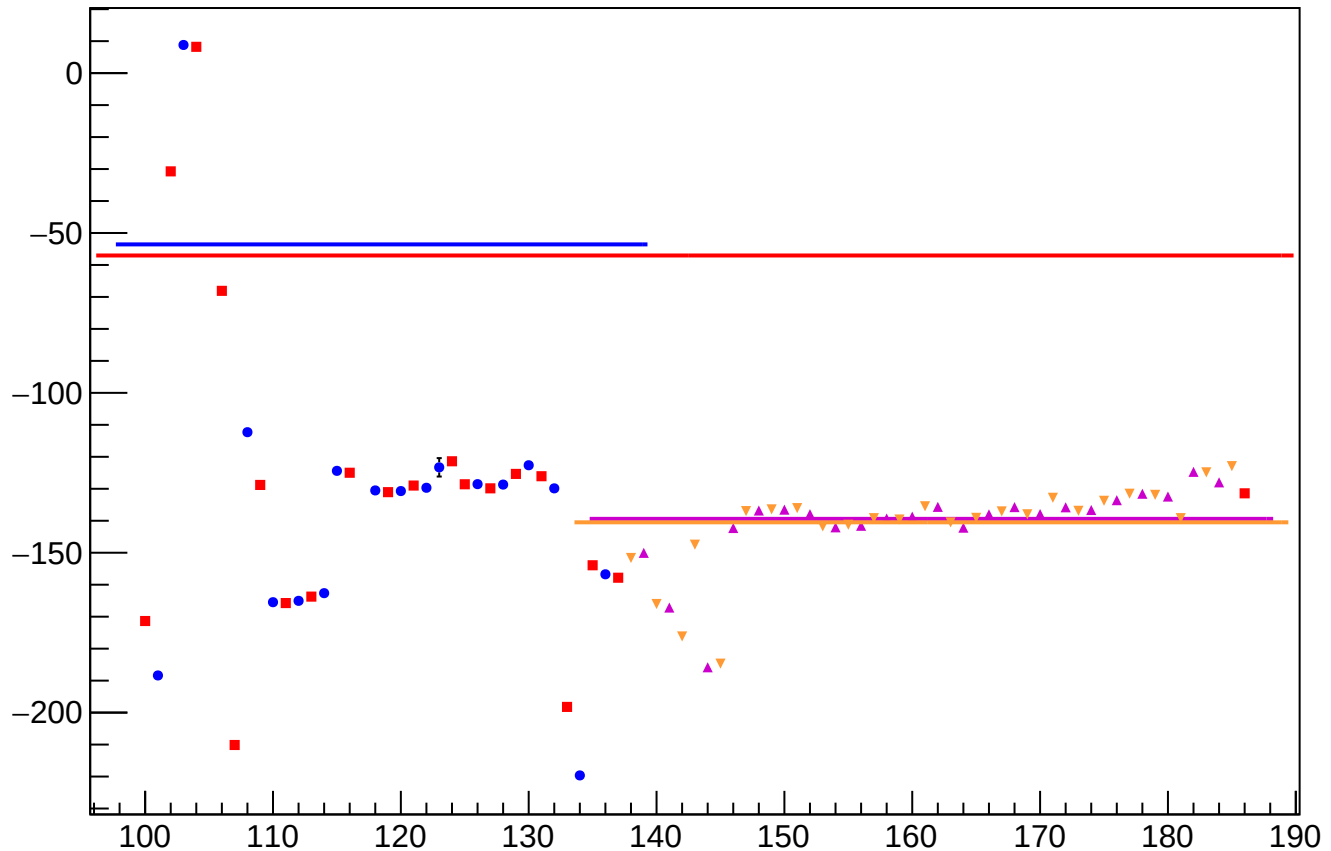
Left In: 63.944 $\pm$ 0.961 χ^2 /NDF:803.4/22

+ 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

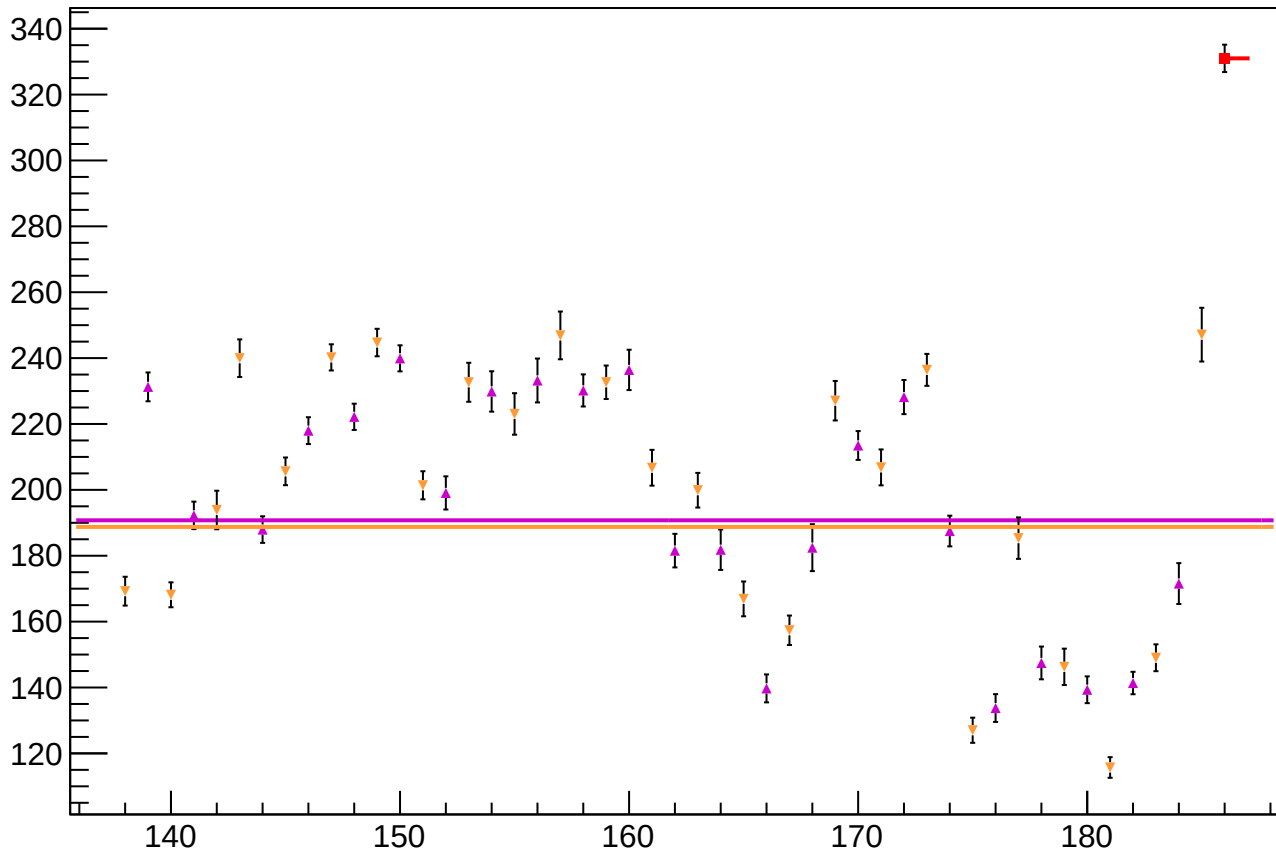
Left In: -139.406 ± 0.045 χ^2/NDF : 62878.4/22

+ 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

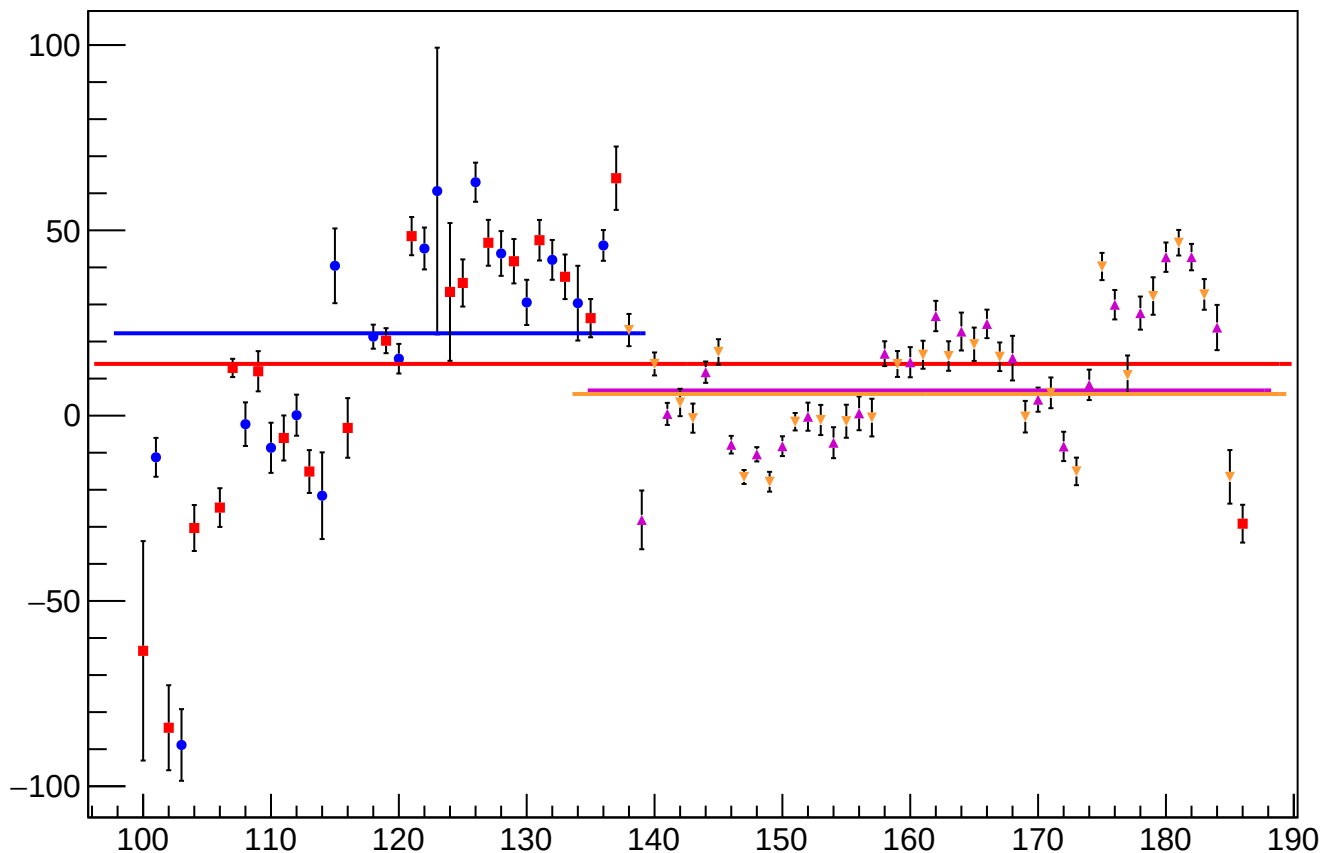
Left In: 190.753+/-0.971 χ^2/NDF : 1421.8/22

+ 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

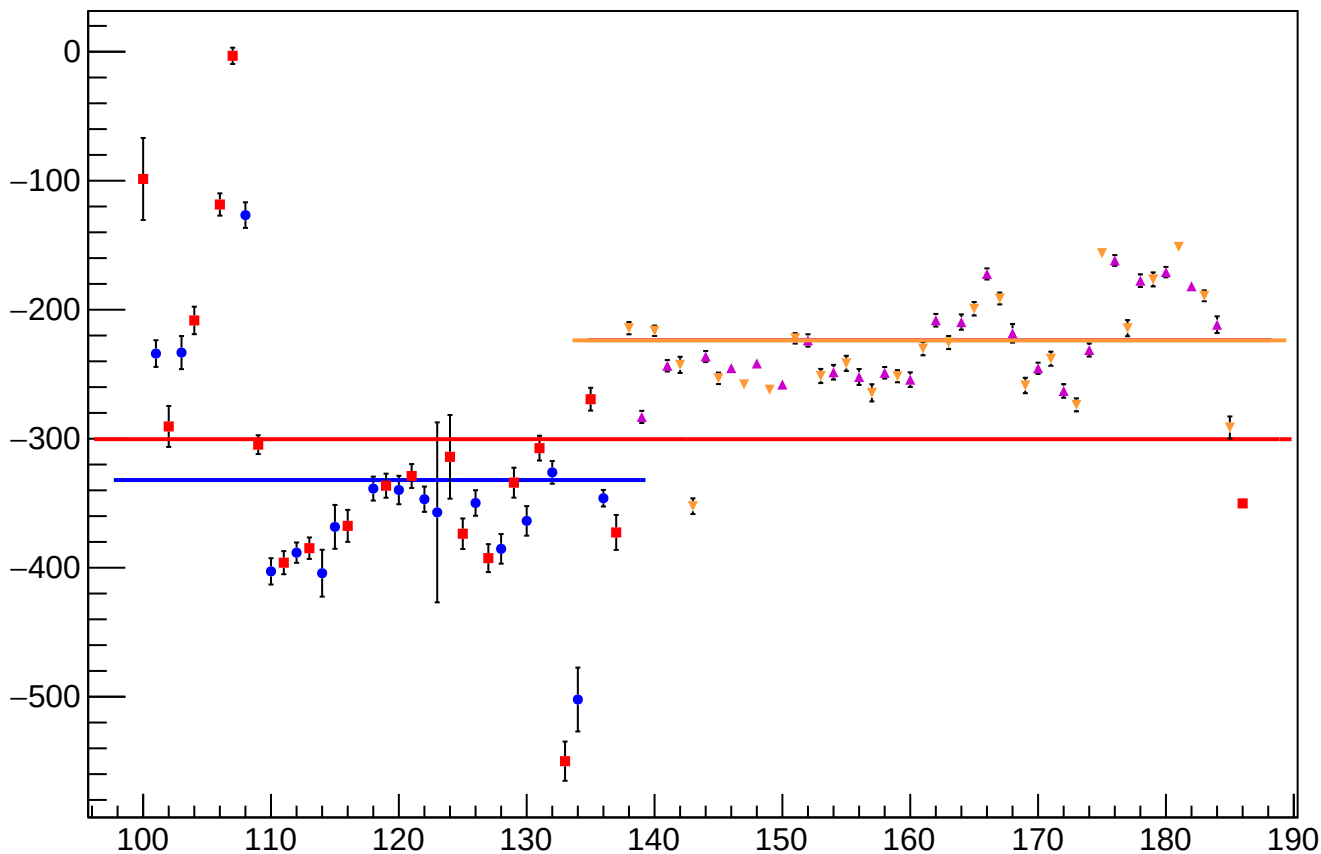
Left In: 6.797 $\pm$ 0.735 χ^2 /NDF: 525.8/22

+ 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

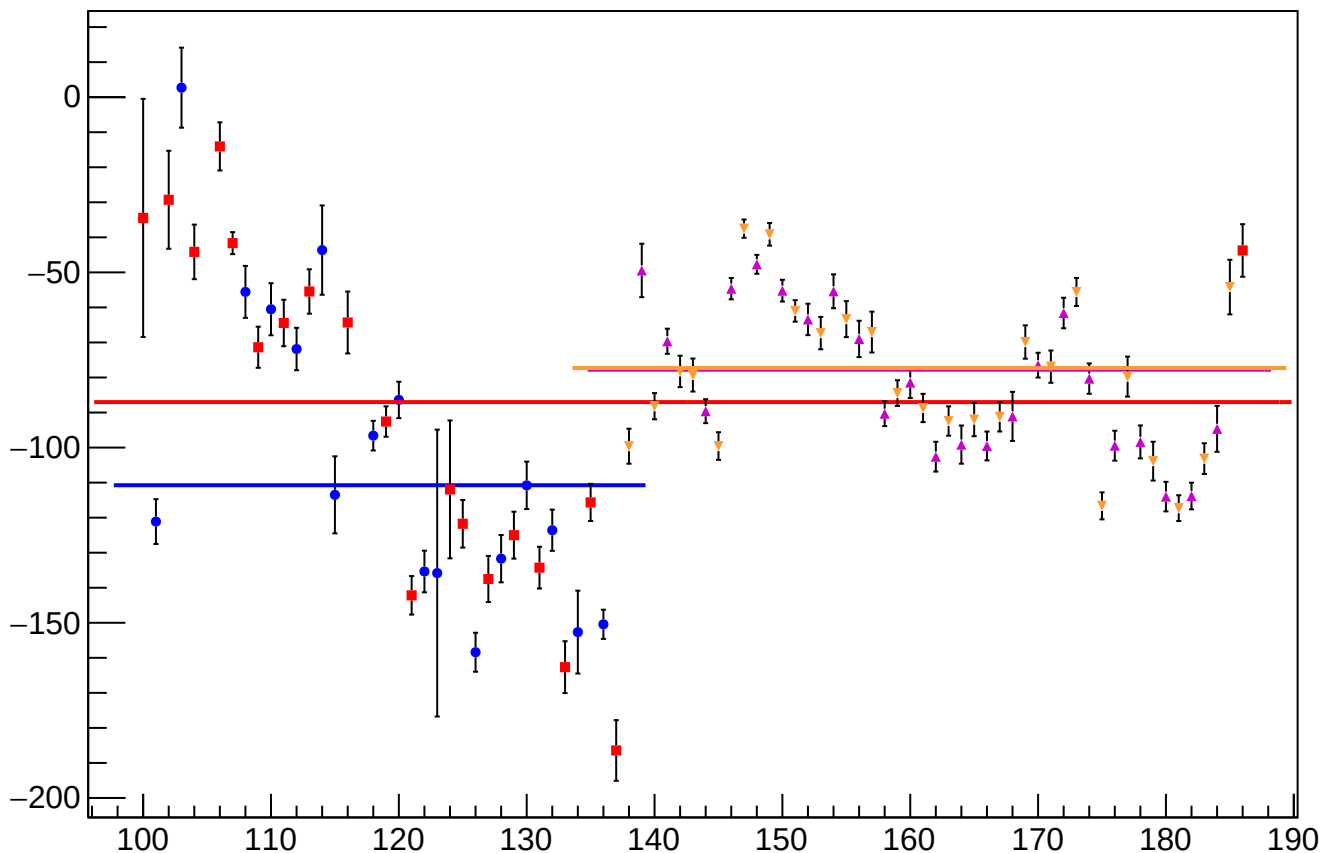
Left In: -223.554 ± 0.966 χ^2/NDF : 1286.5/22

+ 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

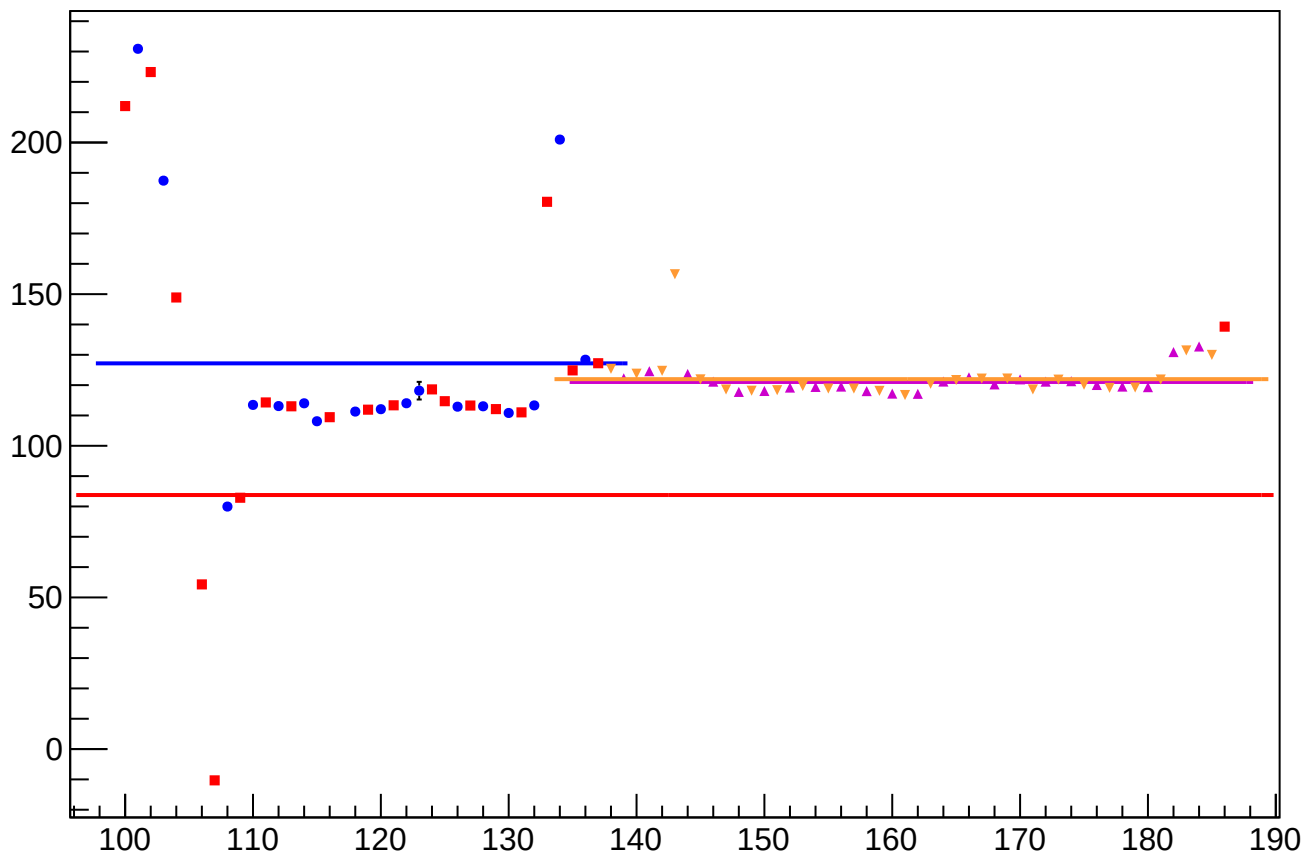
Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

+ 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 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 121.972 $\pm$ 0.039 χ^2 /NDF: 27431.1/24

Right Out: 83.766 $\pm$ 0.075 χ^2 /NDF: 776525.6/19

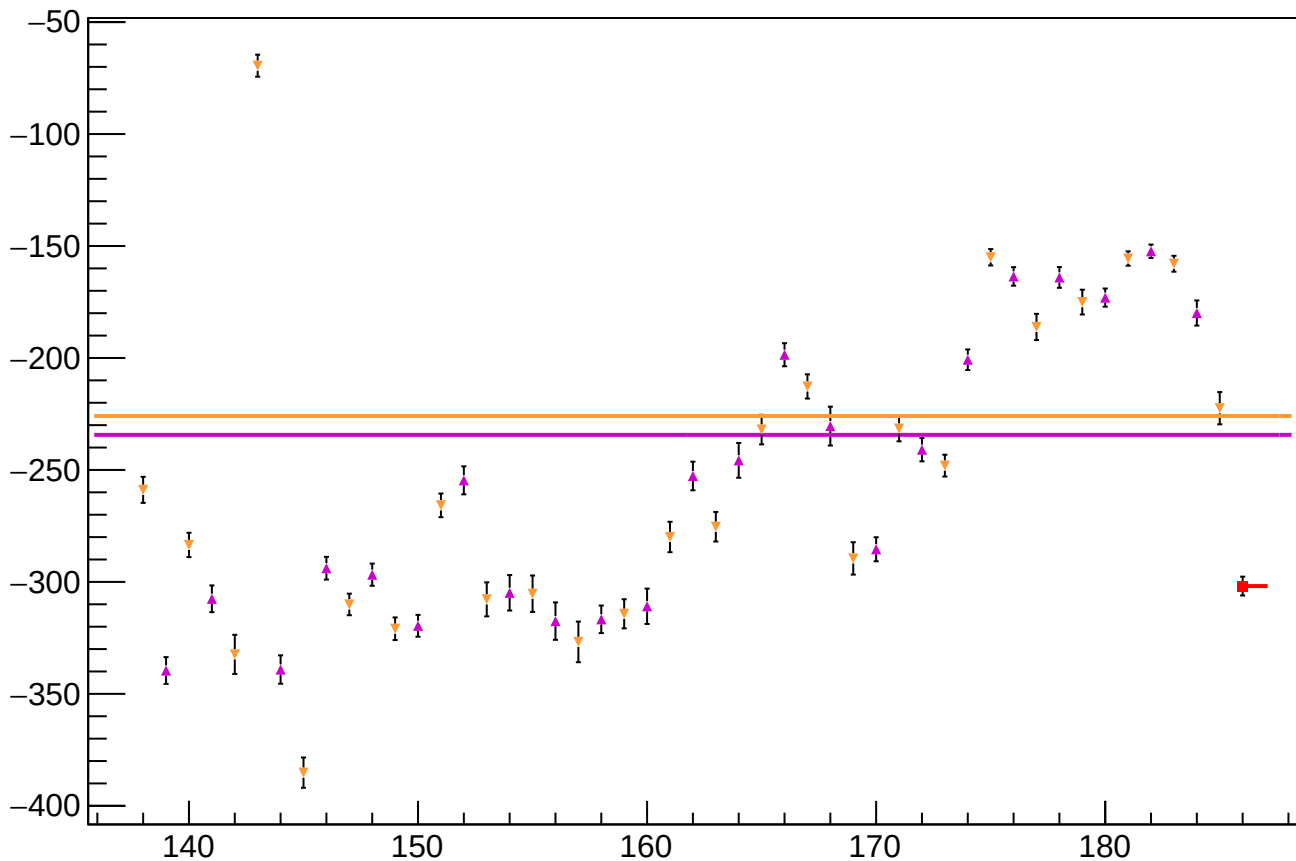
Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

+ sign 122.829 $\pm$ 0.036 χ^2 /NDF: 218340.3/41

All: 117.682 $\pm$ 0.025 χ^2 /NDF: 1237139.3/84

- sign 112.858 $\pm$ 0.035 χ^2 /NDF: 979423.8/42

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -225.905+/-1.083 χ^2/NDF : 4669.2/24

Right Out: -301.864+/-4.204 χ^2/NDF : 0.0/0

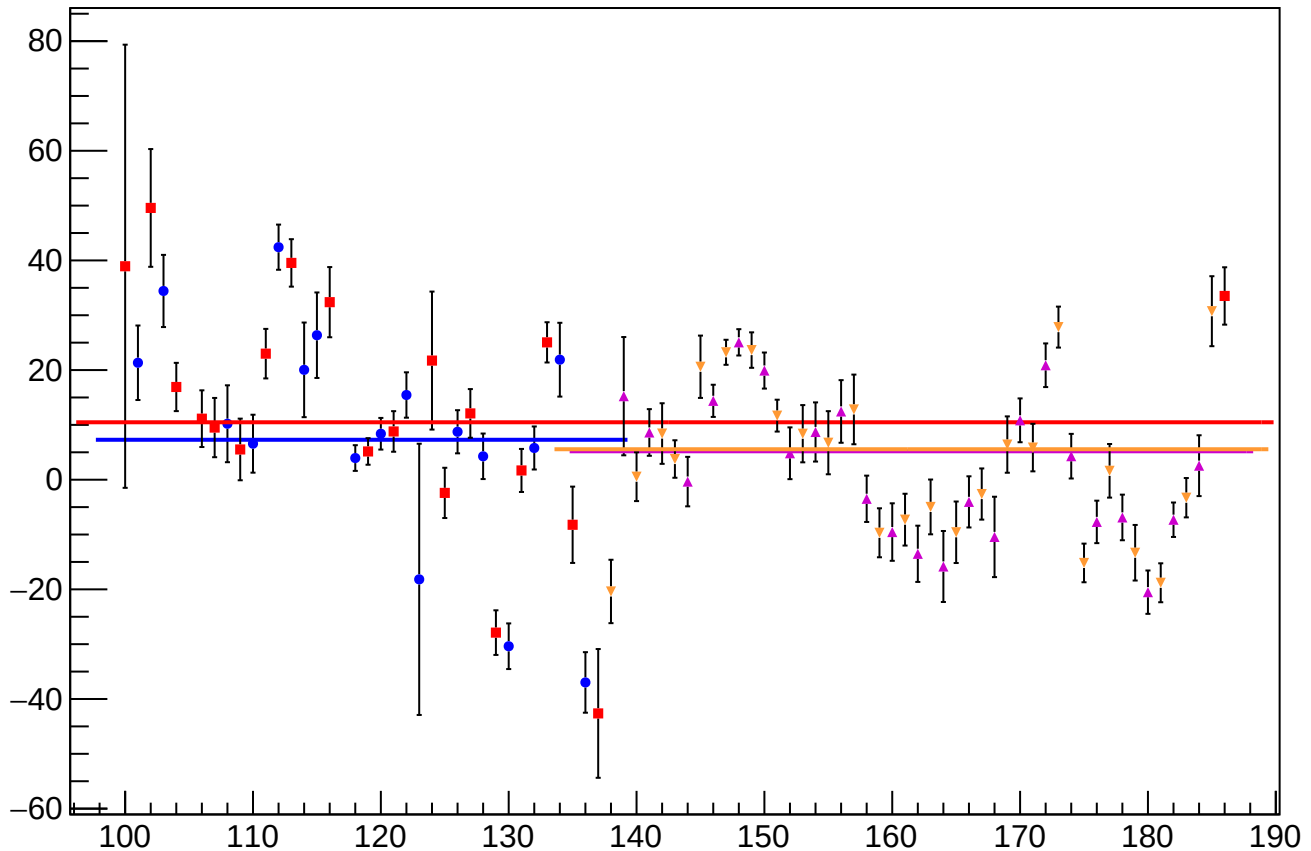
Left In: -234.328+/-1.104 χ^2/NDF : 3591.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.388+/-0.761 χ^2/NDF : 8573.1/48

- sign -238.688+/-1.068 χ^2/NDF : 3833.4/23

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284 ± 1.084 $\chi^2/\text{NDF}: 261.0/16$

Left Out: 5.558 ± 0.832 $\chi^2/\text{NDF}: 313.4/24$

Right Out: 10.476 ± 1.053 $\chi^2/\text{NDF}: 251.7/19$

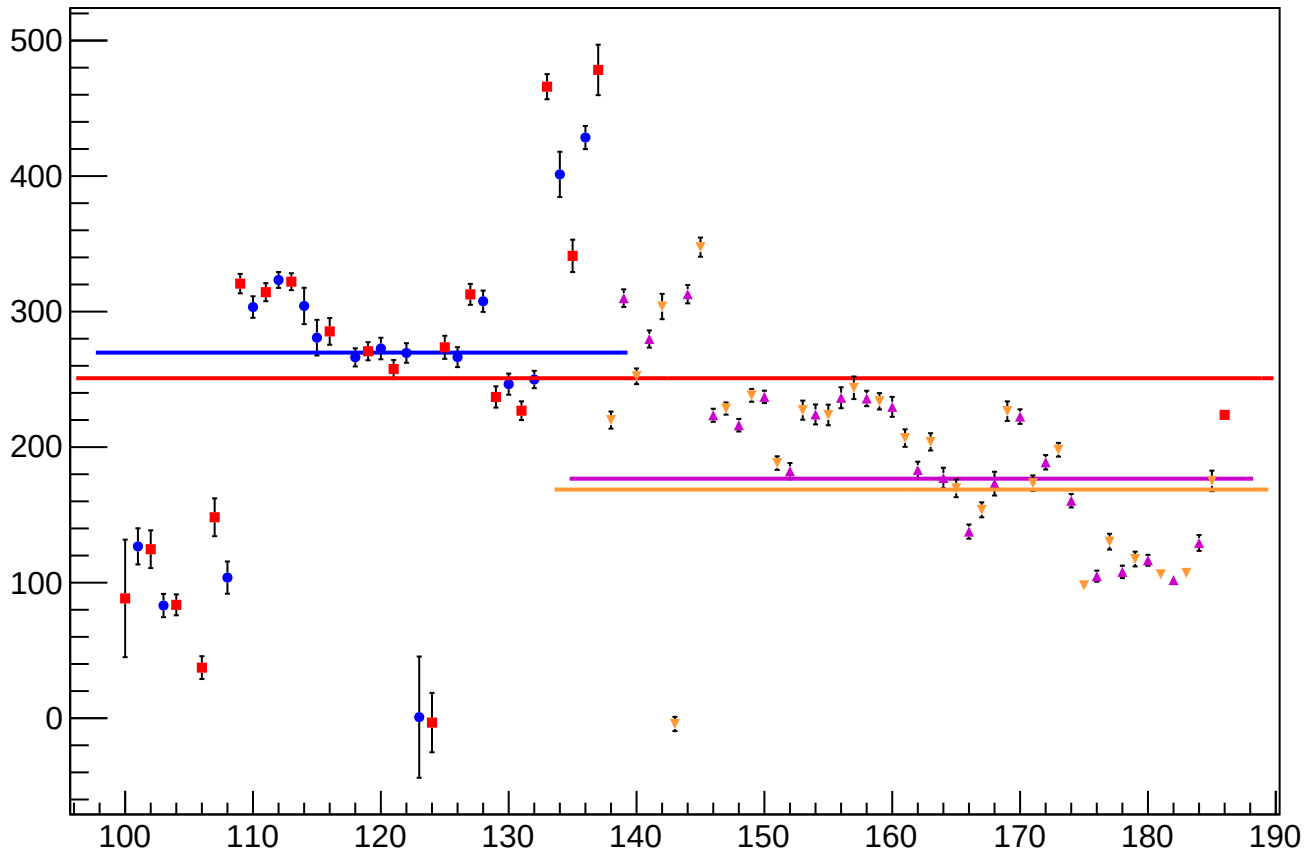
Left In: 5.186 ± 0.867 $\chi^2/\text{NDF}: 243.2/22$

+ sign 6.199 ± 0.660 $\chi^2/\text{NDF}: 576.1/41$

All: 6.753 ± 0.470 $\chi^2/\text{NDF}: 1087.5/84$

- sign 7.324 ± 0.669 $\chi^2/\text{NDF}: 510.0/42$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 168.699 $\pm$ 1.086 χ^2 /NDF: 4238.2/24

Right Out: 250.845 $\pm$ 1.705 χ^2 /NDF: 2628.7/19

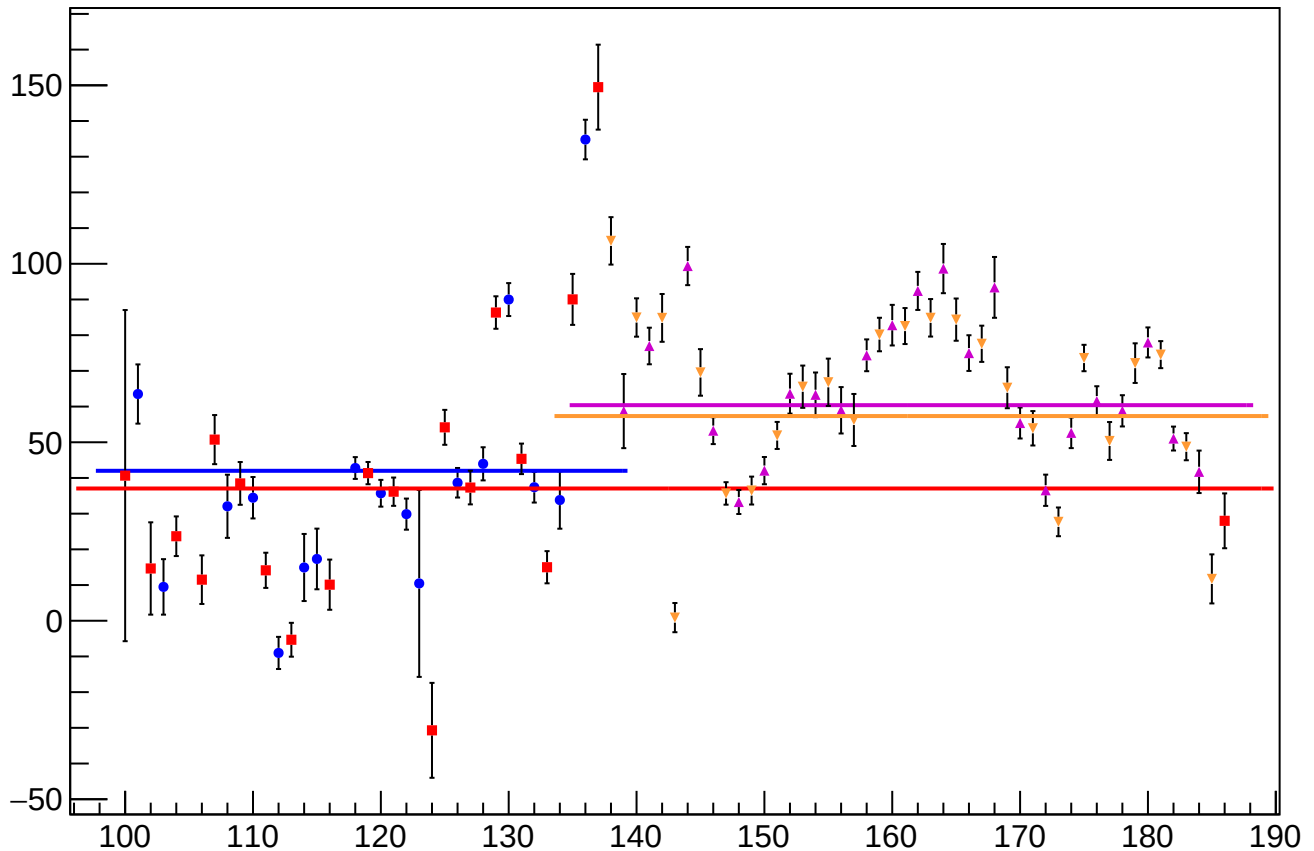
Left In: 176.711 $\pm$ 1.102 χ^2 /NDF: 3234.3/22

+ sign 190.500 $\pm$ 0.962 χ^2 /NDF: 7478.7/41

All: 194.685 $\pm$ 0.667 χ^2 /NDF: 14712.0/84

- sign 198.556 $\pm$ 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

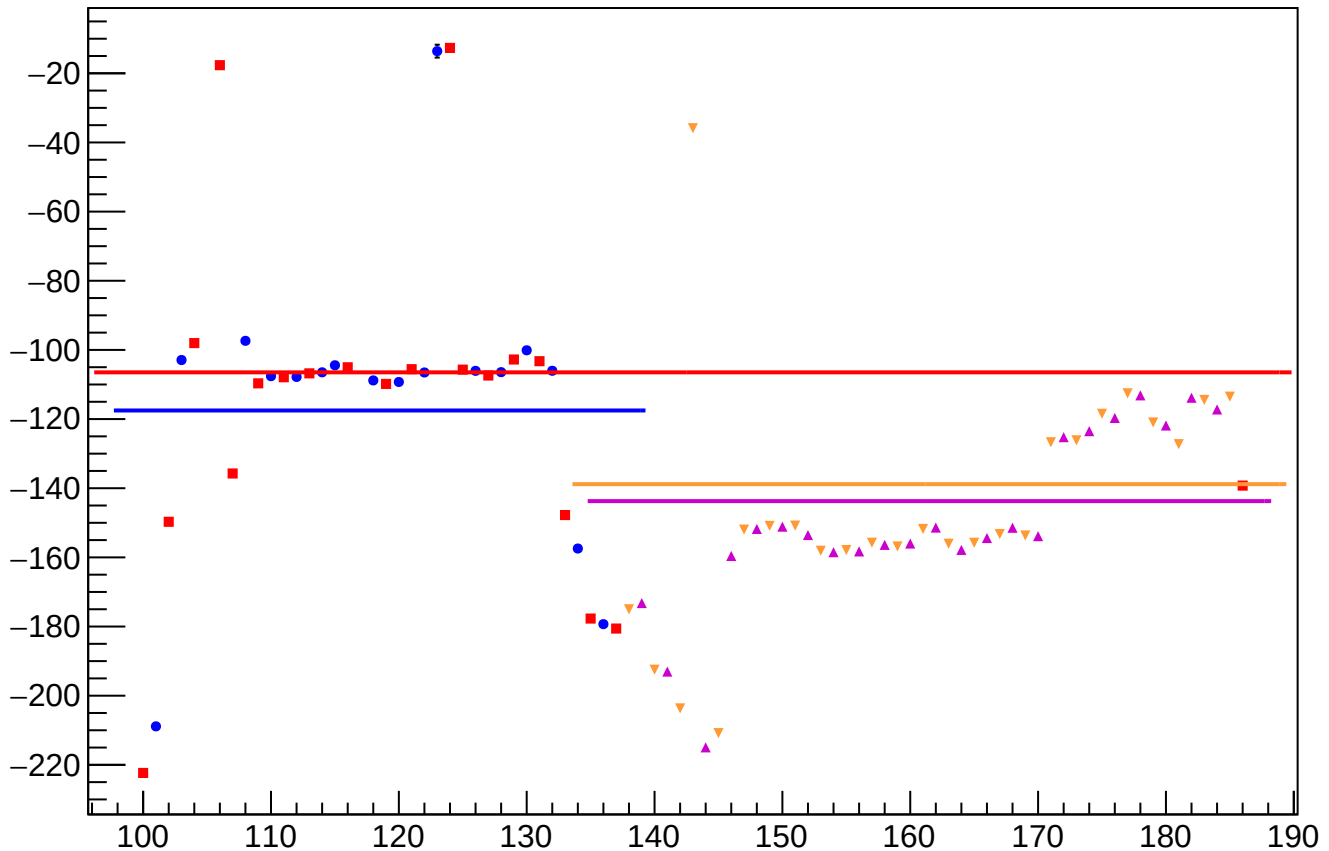
Left In: 60.392 $\pm$ 0.987 χ^2 /NDF: 341.2/22

+ 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

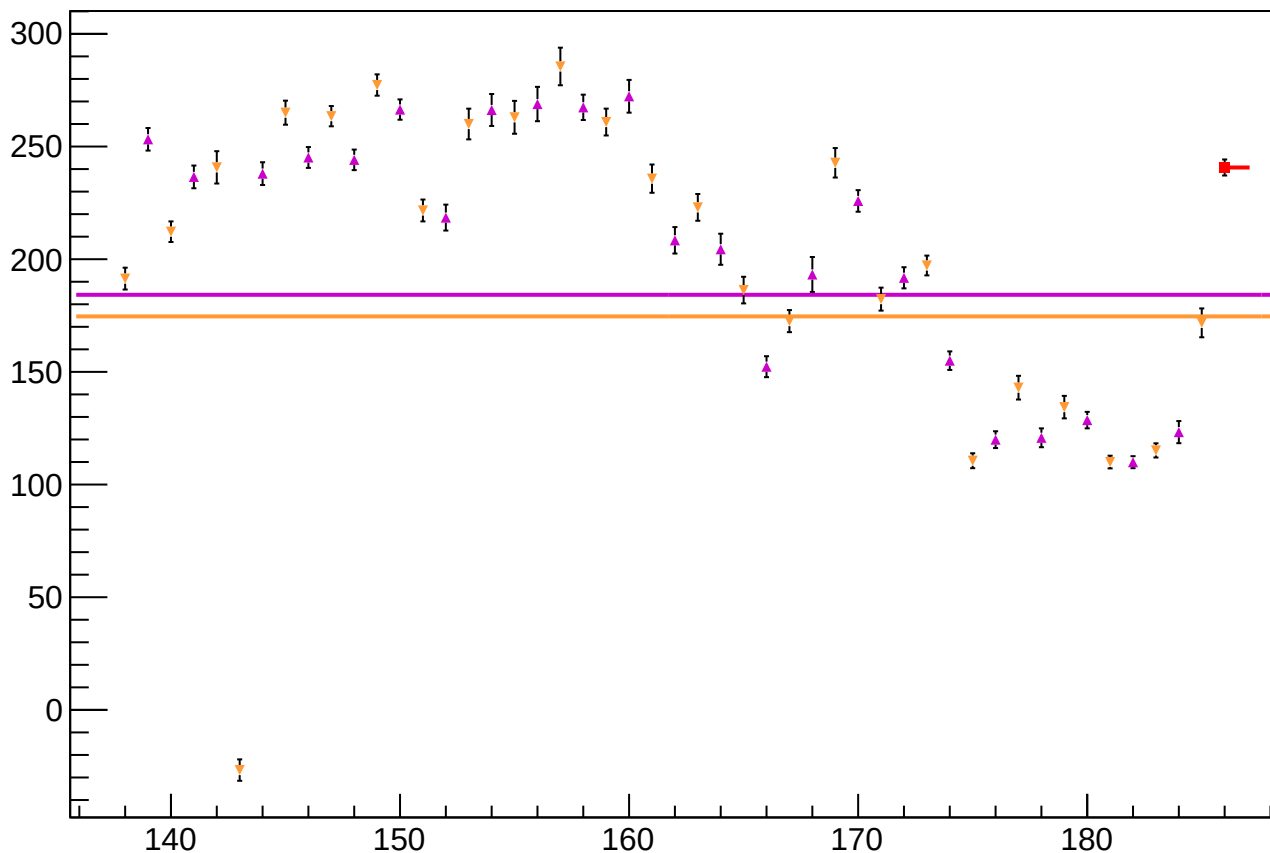
Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

+ 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

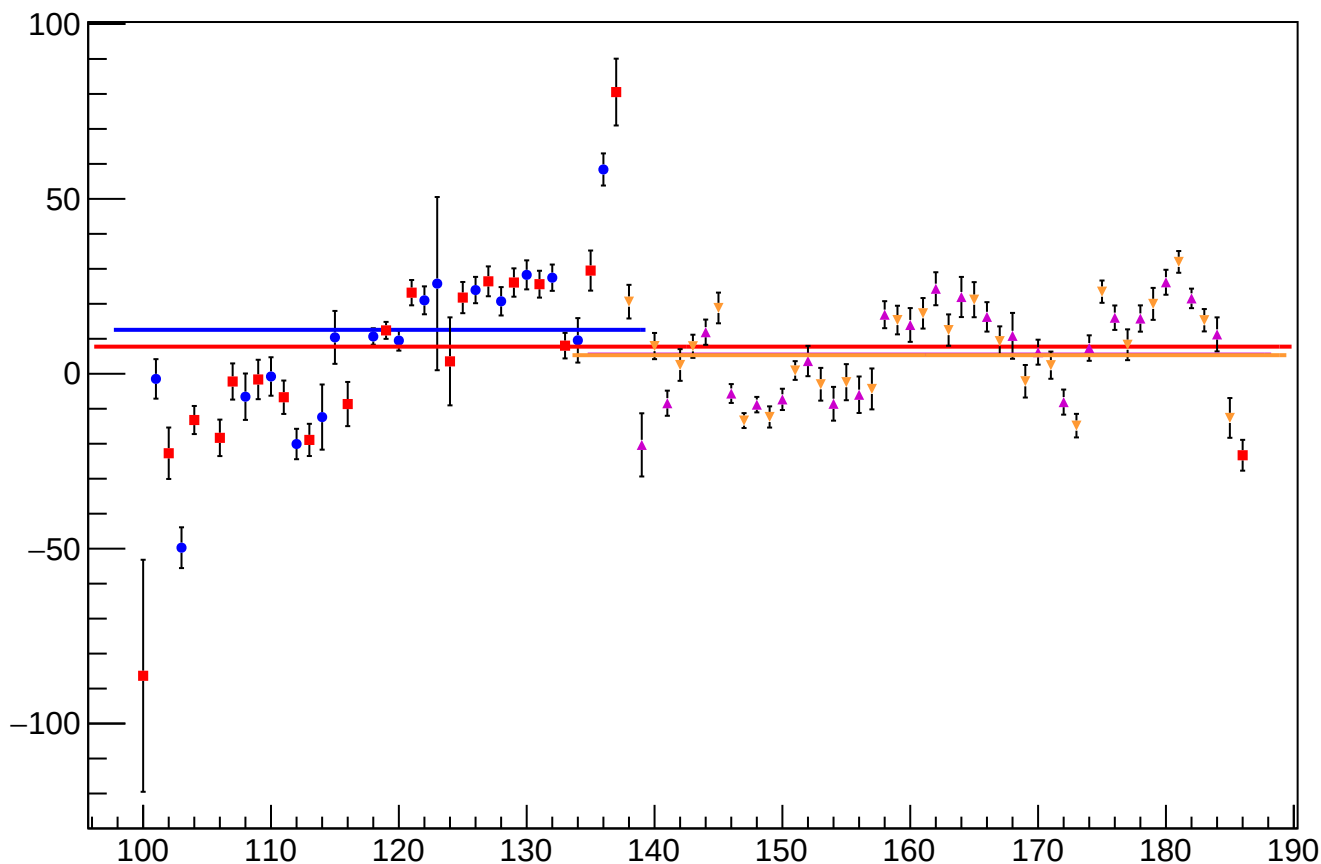
Left In: 184.205+/-0.987 χ^2/NDF : 3637.1/22

+ 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 ± 1.056 $\chi^2/\text{NDF}: 347.7/16$

Left Out: 5.314 ± 0.750 $\chi^2/\text{NDF}: 345.1/24$

Right Out: 7.754 ± 1.022 $\chi^2/\text{NDF}: 348.7/19$

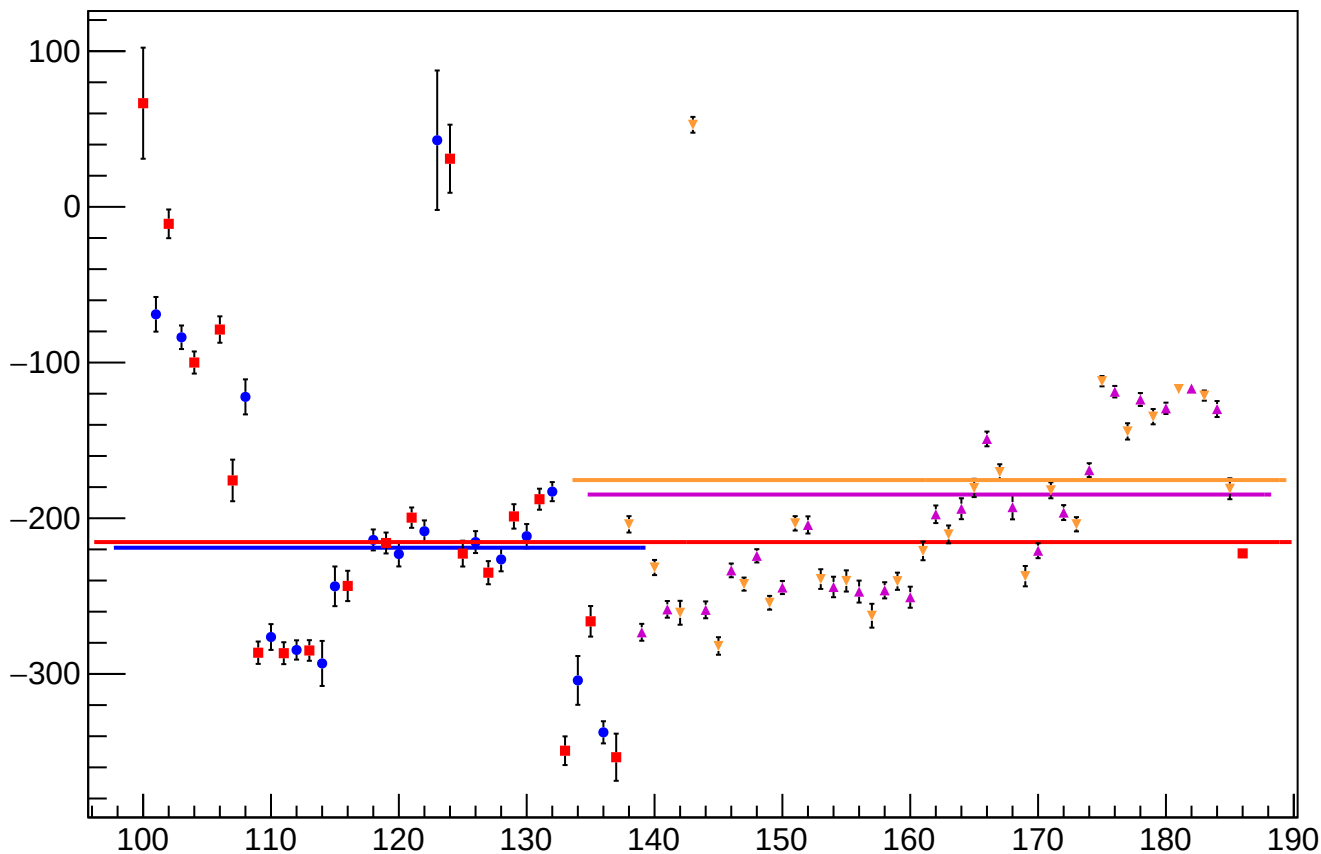
Left In: 5.483 ± 0.779 $\chi^2/\text{NDF}: 259.1/22$

+ sign 7.747 ± 0.612 $\chi^2/\text{NDF}: 724.2/41$

All: 7.042 ± 0.435 $\chi^2/\text{NDF}: 1337.8/84$

- sign 6.318 ± 0.619 $\chi^2/\text{NDF}: 610.9/42$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -175.470 ± 0.974 $\chi^2/\text{NDF}: 5103.8/24$

Right Out: -215.304 ± 1.593 $\chi^2/\text{NDF}: 1895.7/19$

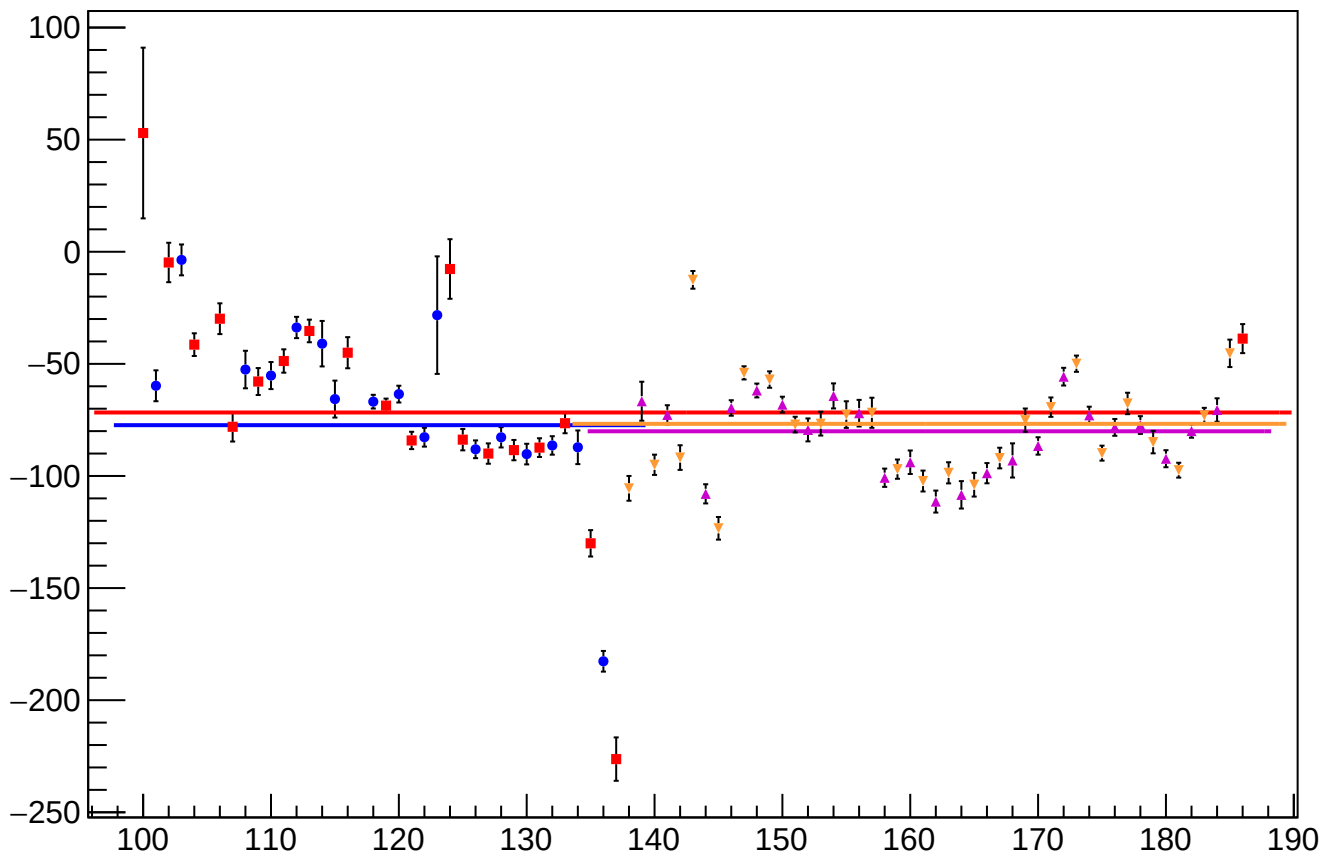
Left In: -184.774 ± 0.987 $\chi^2/\text{NDF}: 3082.4/22$

+ sign -183.758 ± 0.876 $\chi^2/\text{NDF}: 6630.2/41$

All: -188.702 ± 0.606 $\chi^2/\text{NDF}: 11934.7/84$

- sign -193.238 ± 0.839 $\chi^2/\text{NDF}: 5243.5/42$

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

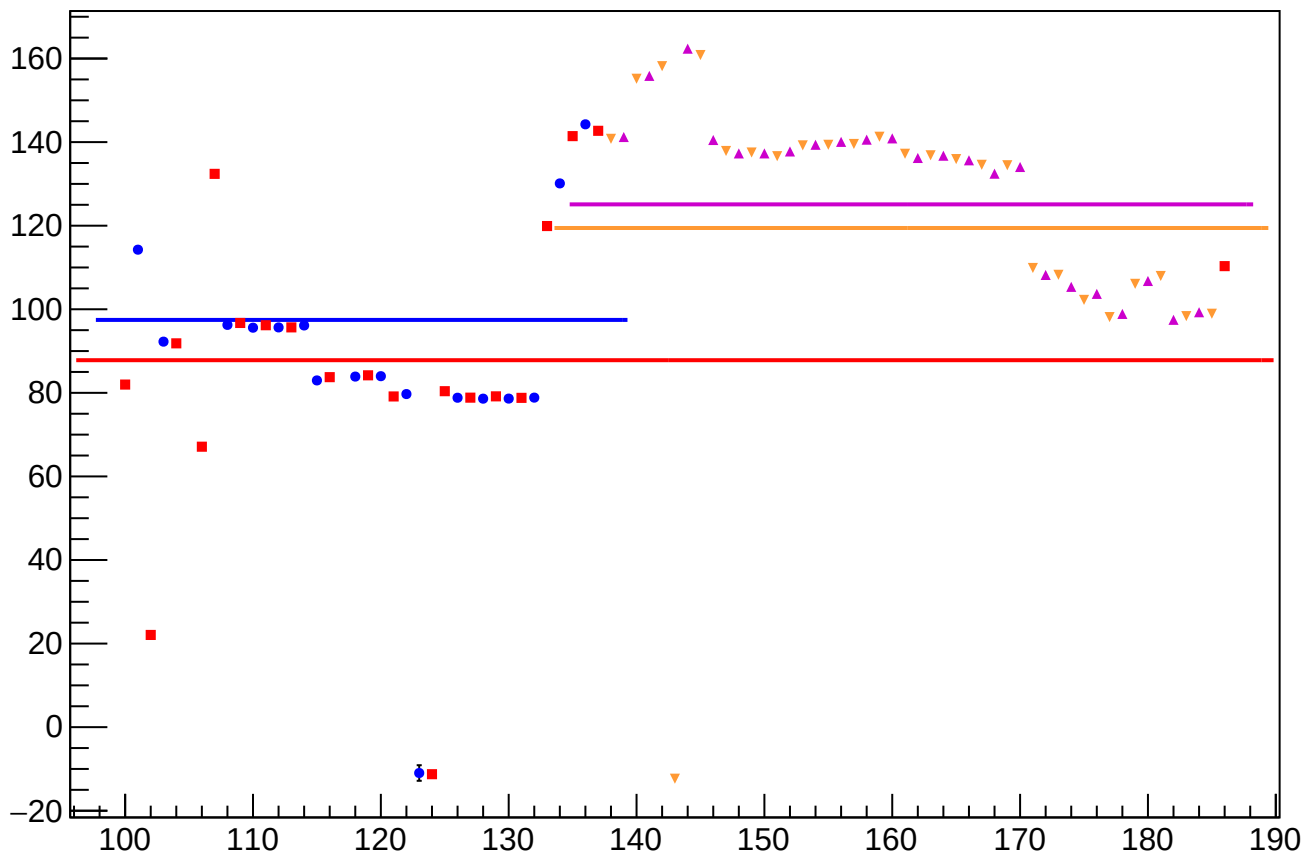
Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

+ 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

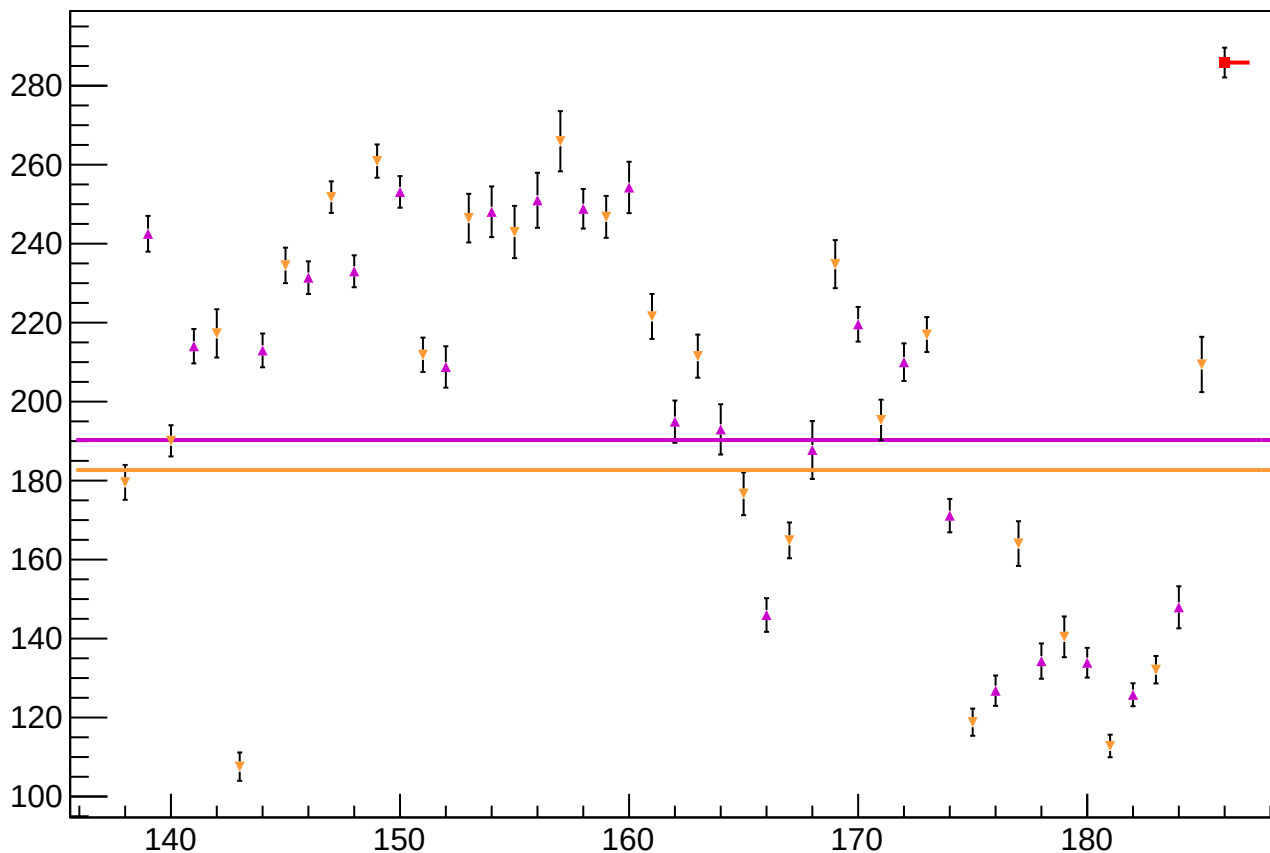
Left In: 125.101 $\pm$ 0.041 χ^2 /NDF: 222793.3/22

+ 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

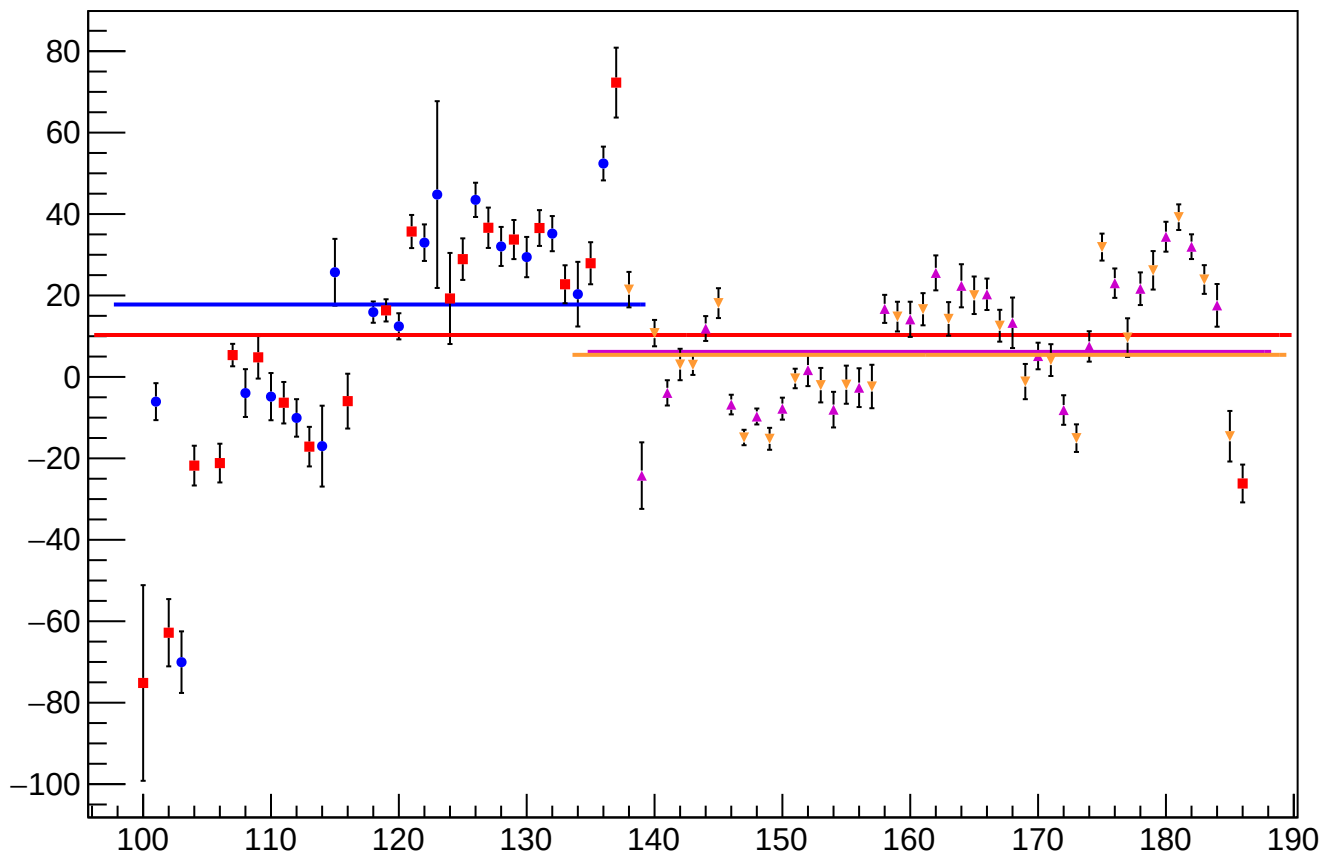
Left In: 190.279+/-0.949 χ^2/NDF : 2452.9/22

+ 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

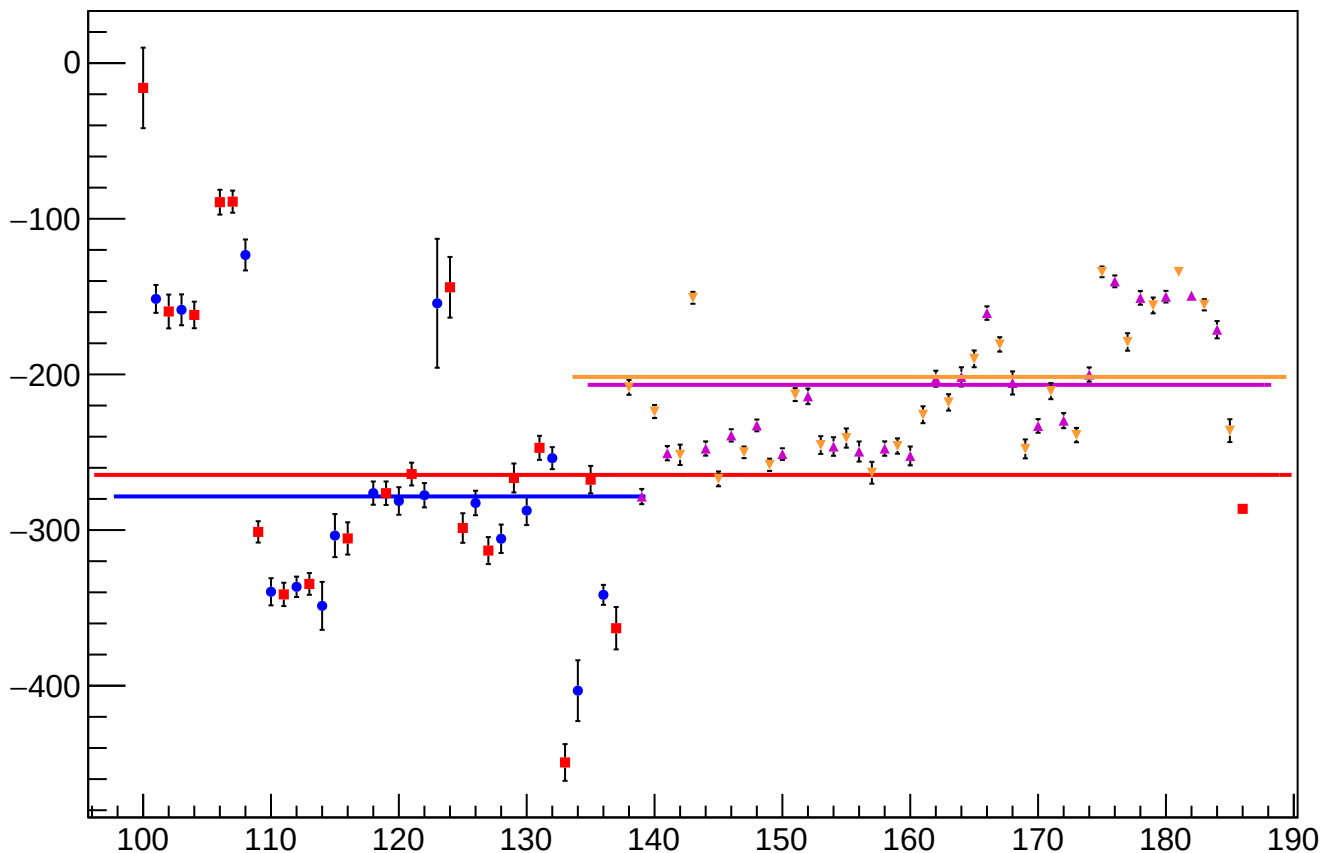
Left In: 6.151 $\pm$ 0.730 χ^2 /NDF: 410.6/22

+ 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

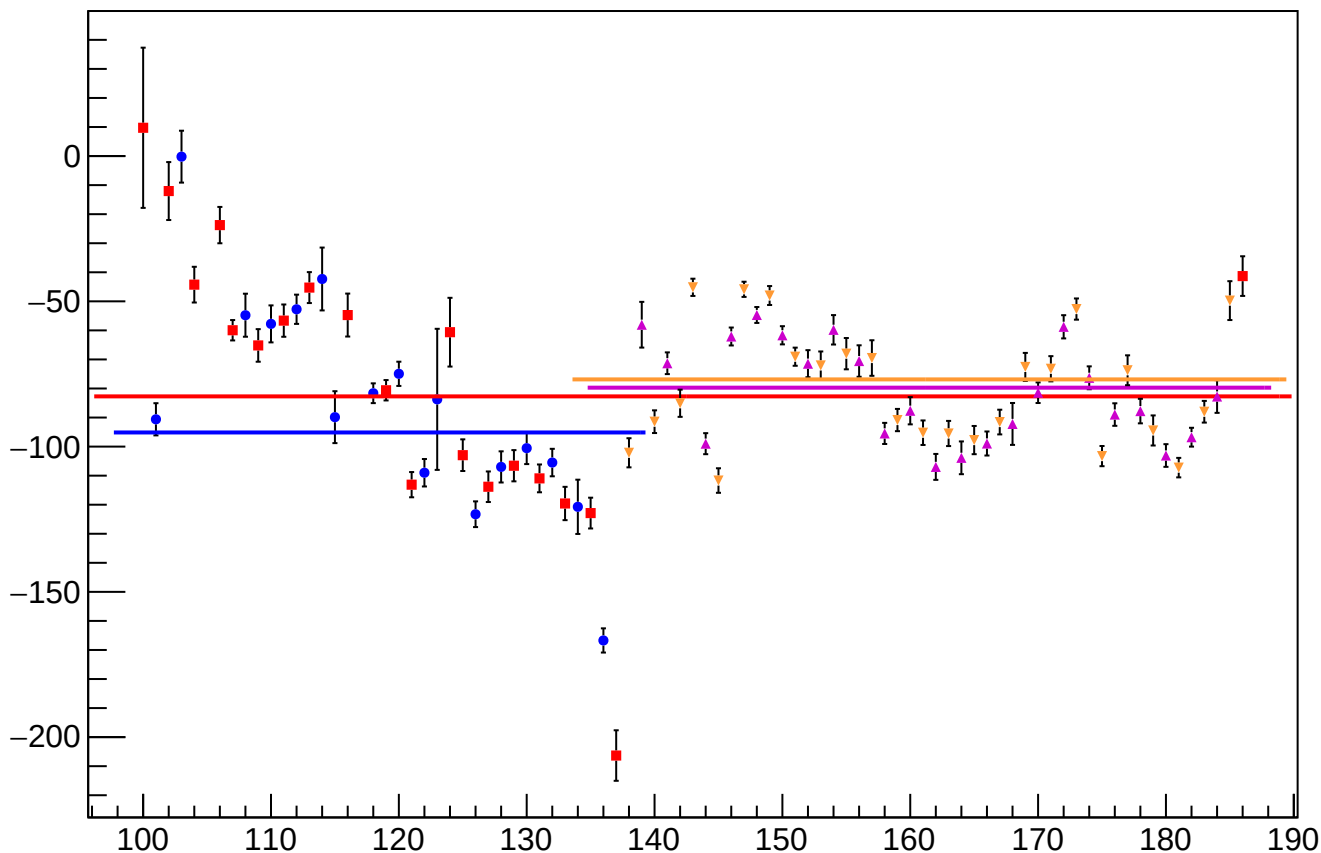
Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

+ 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

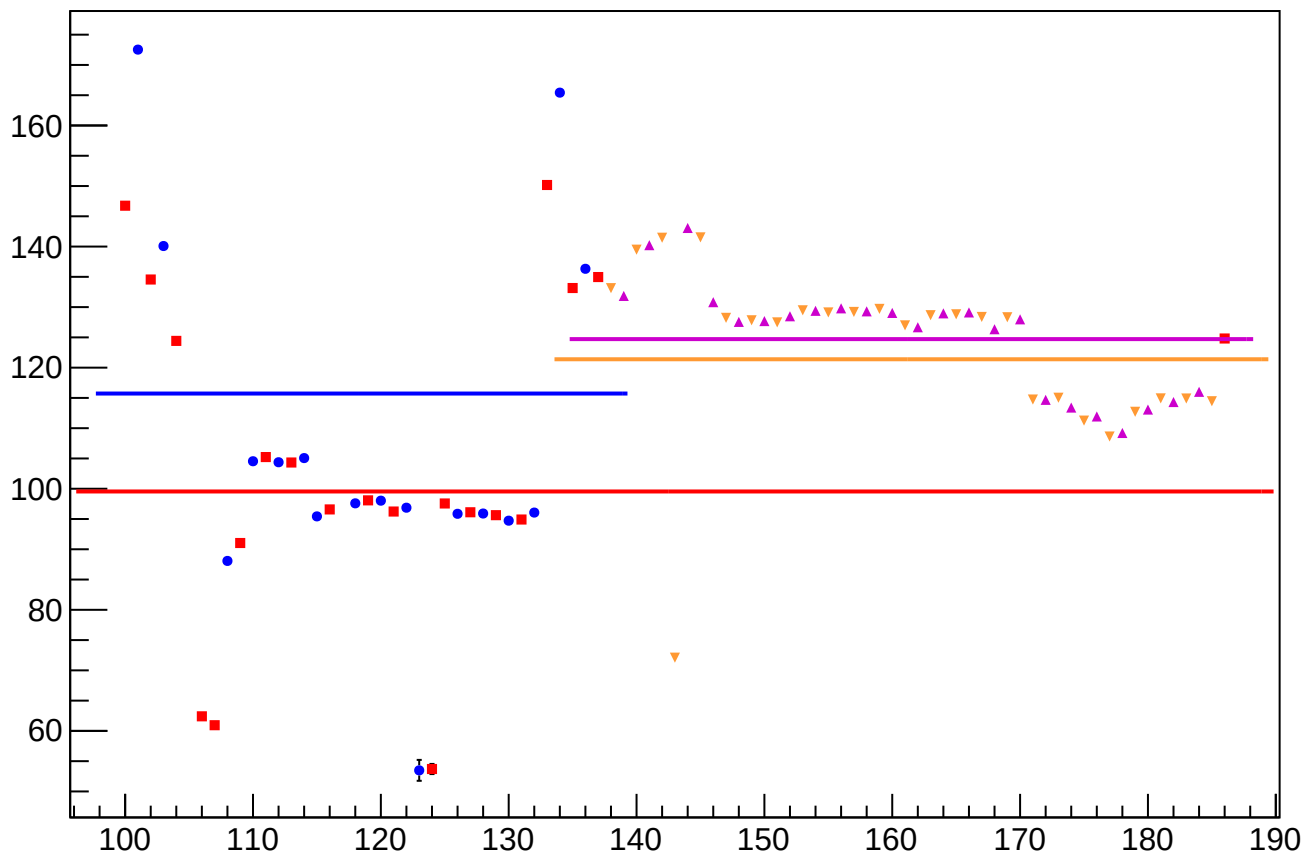
Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

+ 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+/-0.078 χ^2/NDF : 106388.1/16

Left Out: 121.385+/-0.038 χ^2/NDF :164871.1/24

Right Out: 99.547+/-0.068 χ^2/NDF : 176198.8/19

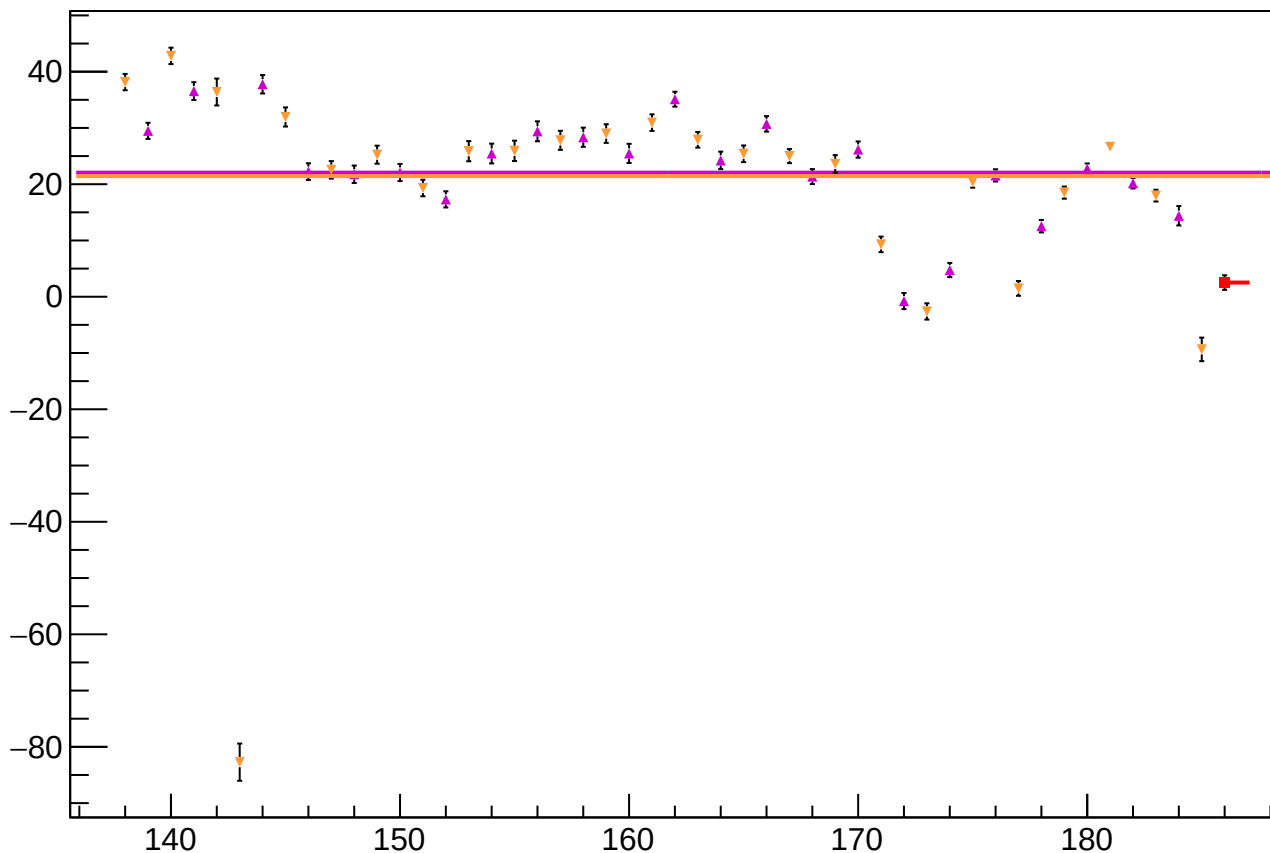
Left In: 124.714+/-0.039 χ^2/NDF :51750.7/22

+ sign 120.287+/-0.034 χ^2/NDF : 275507.6/41

All: 119.352+/-0.024 χ^2/NDF : 608253.7/84

- sign 118.444+/-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

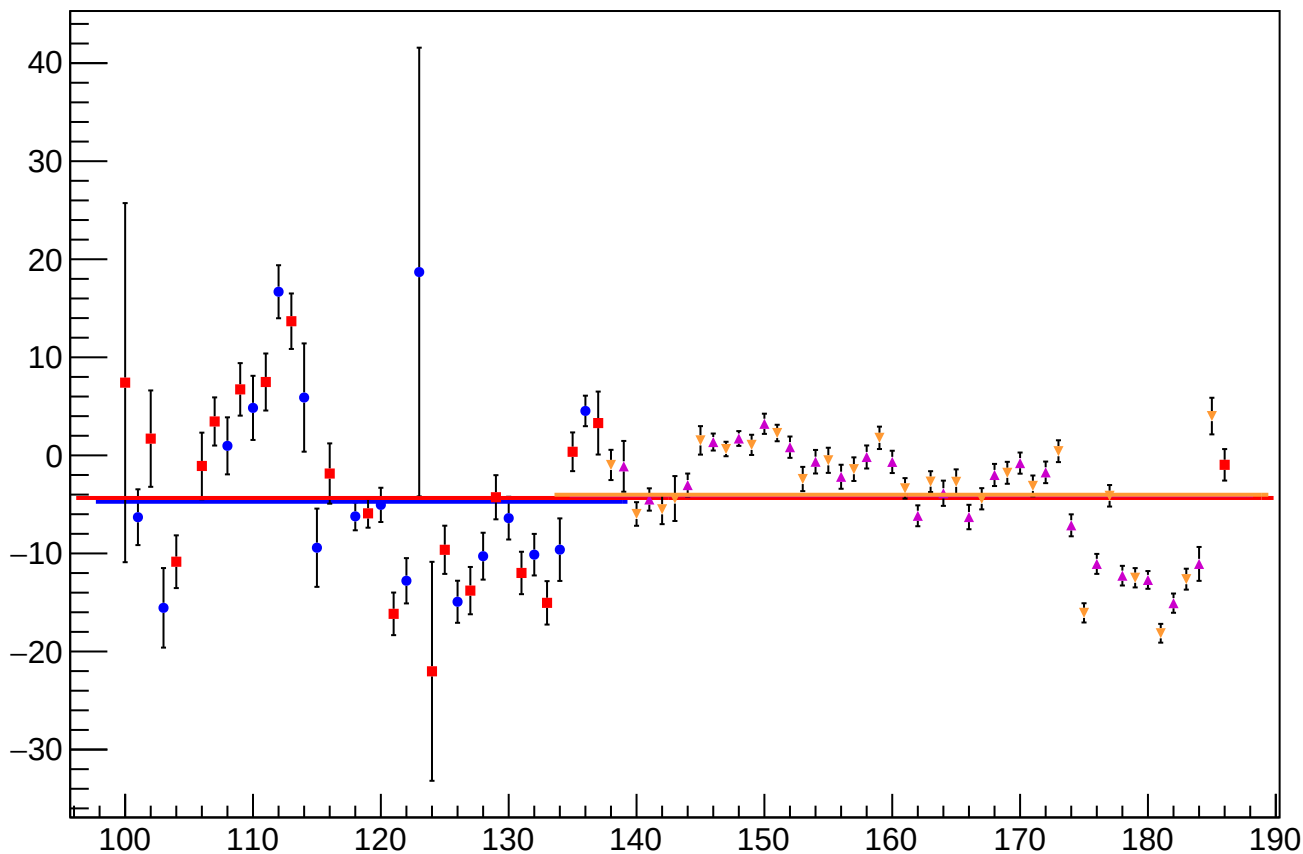
Left In: 22.055 $\pm$ 0.284 χ^2 /NDF:941.3/22

+ 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_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

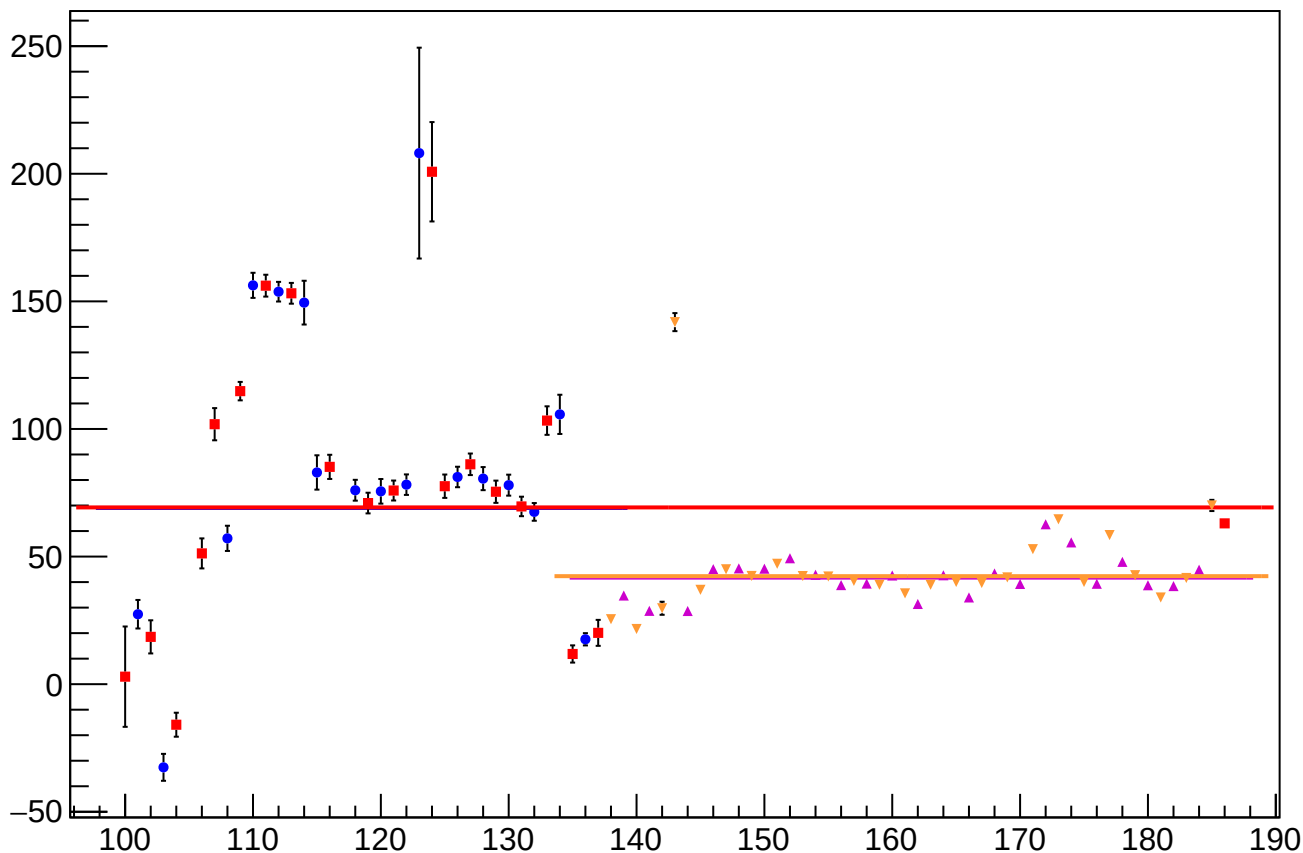
Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

+ 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_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

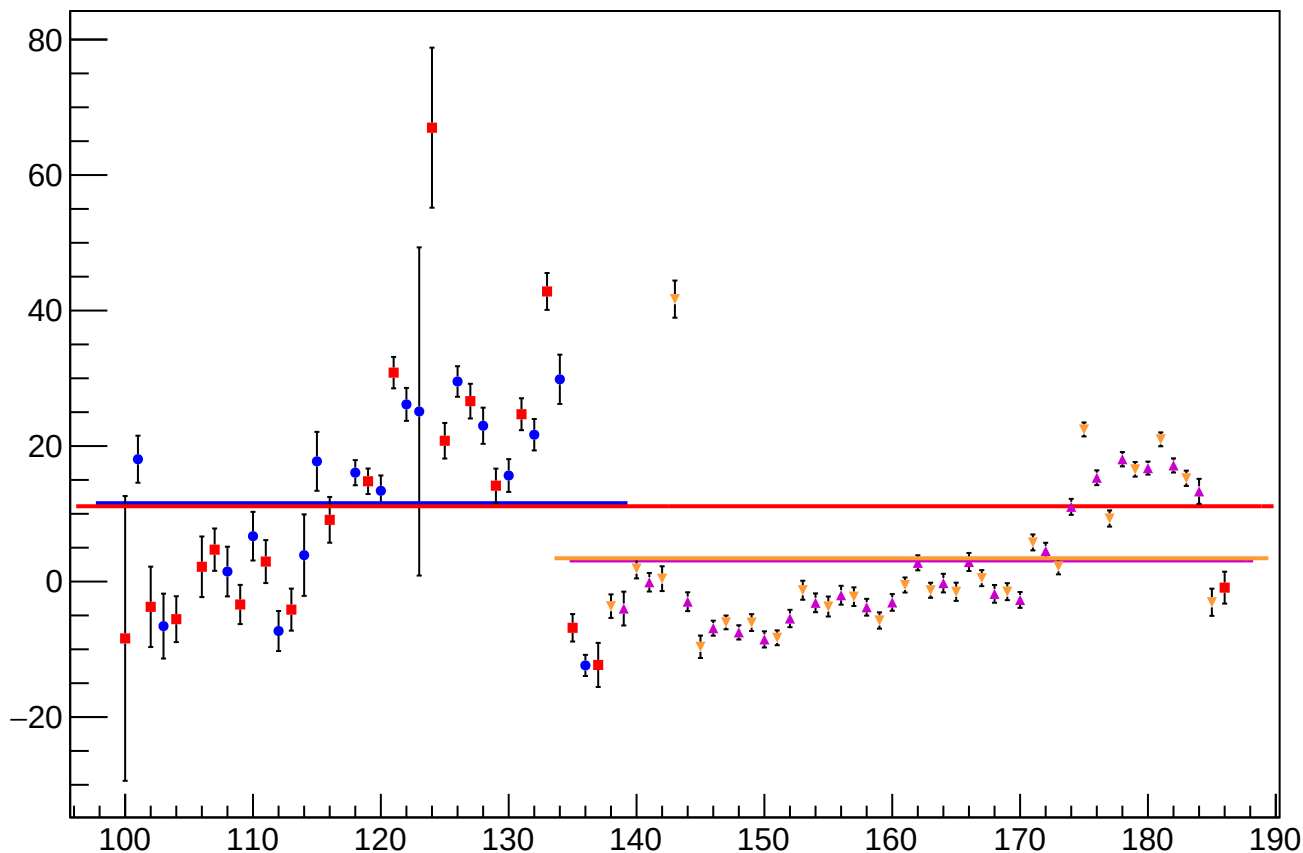
Left In: 41.755 ± 0.283 χ^2/NDF : 659.6/22

+ 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_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

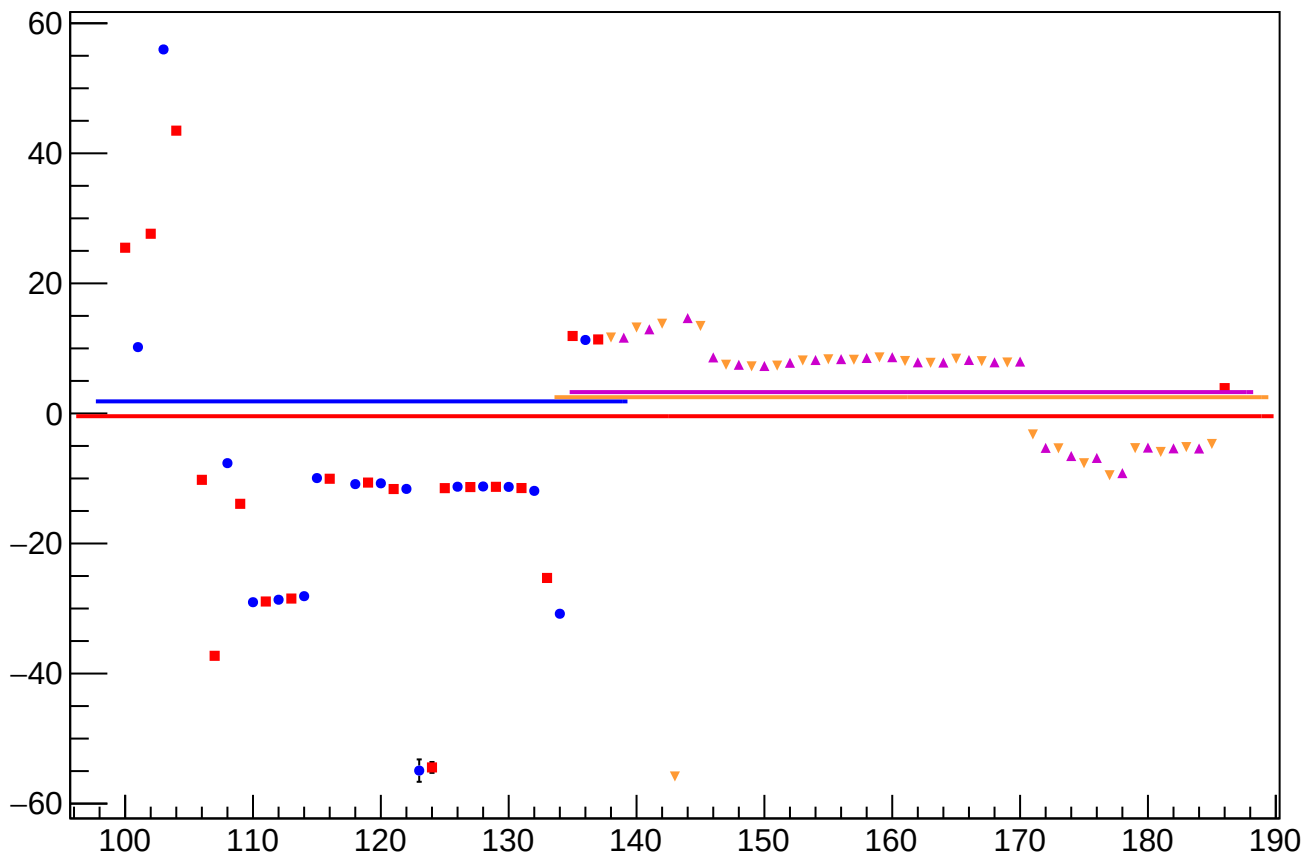
Left In: 3.114 $\pm$ 0.256 χ^2 /NDF:1273.1/22

+ 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 $\chi^2/\text{NDF}: 359414.1/16$

Left Out: 2.497 ± 0.012 $\chi^2/\text{NDF}: 588138.5/24$

Right Out: -0.427 ± 0.036 $\chi^2/\text{NDF}: 362341.6/19$

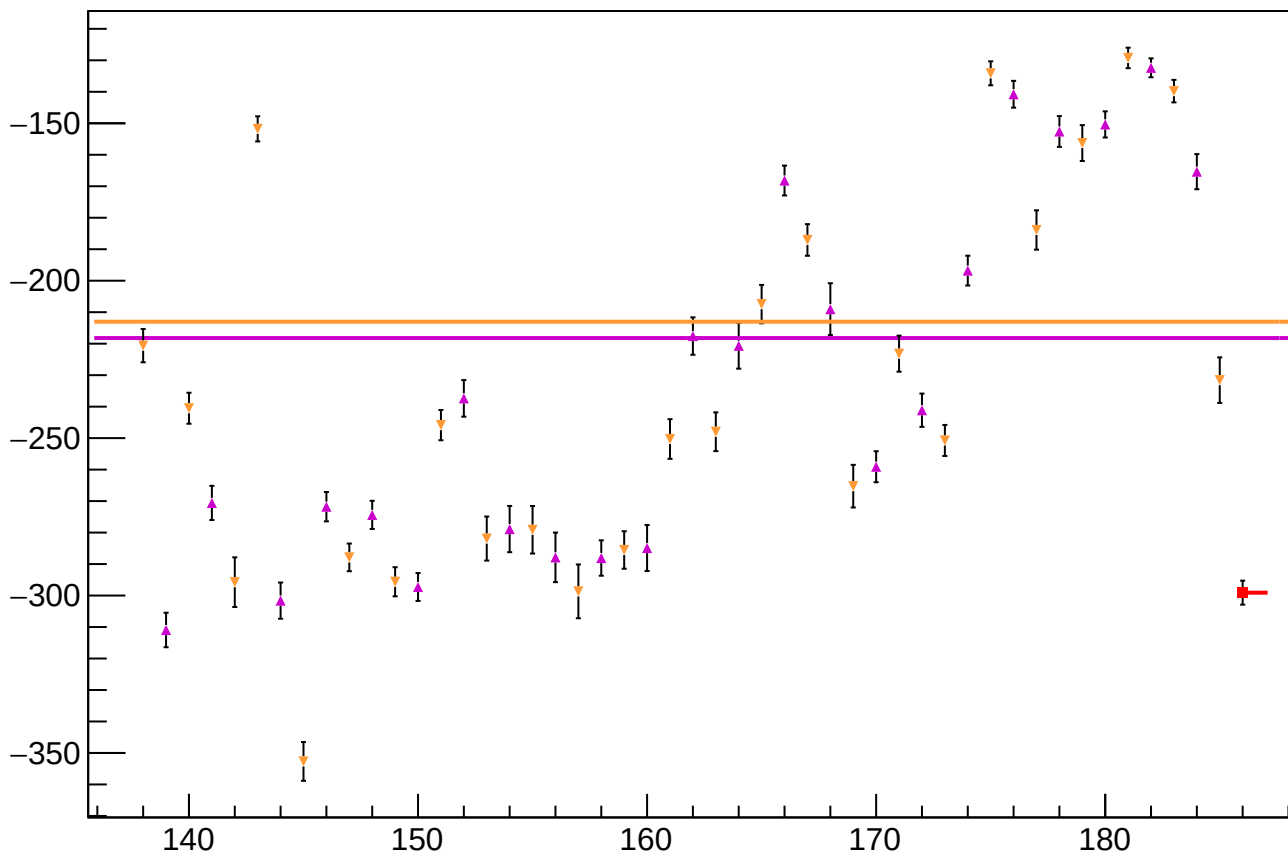
Left In: 3.281 ± 0.012 $\chi^2/\text{NDF}: 409605.3/22$

+ sign 2.439 ± 0.011 $\chi^2/\text{NDF}: 947826.2/41$

All: 2.687 ± 0.008 $\chi^2/\text{NDF}: 1730316.0/84$

- sign 2.935 ± 0.011 $\chi^2/\text{NDF}: 781484.8/42$

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

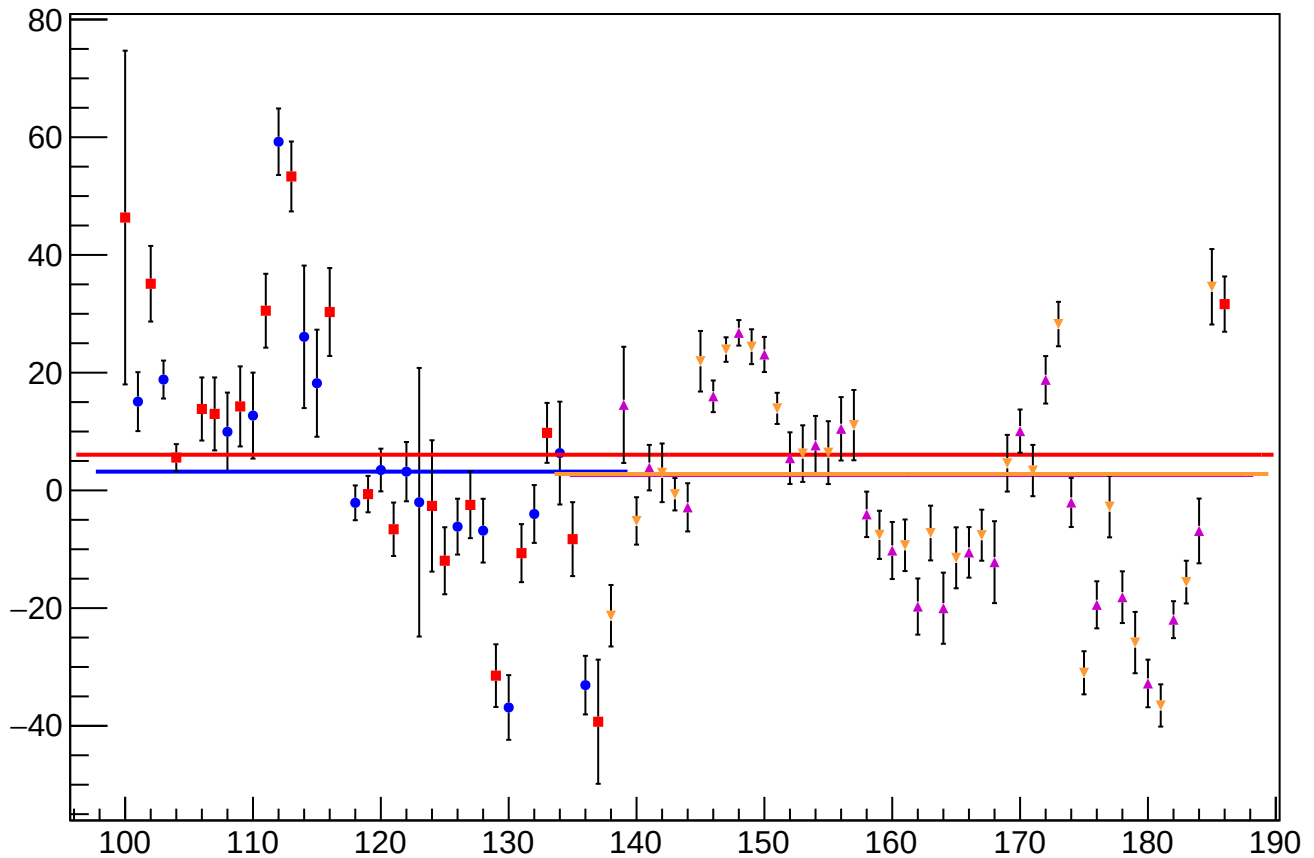
Left In: -218.216 $\pm$ 1.063 χ^2 /NDF: 3499.0/22

+ 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

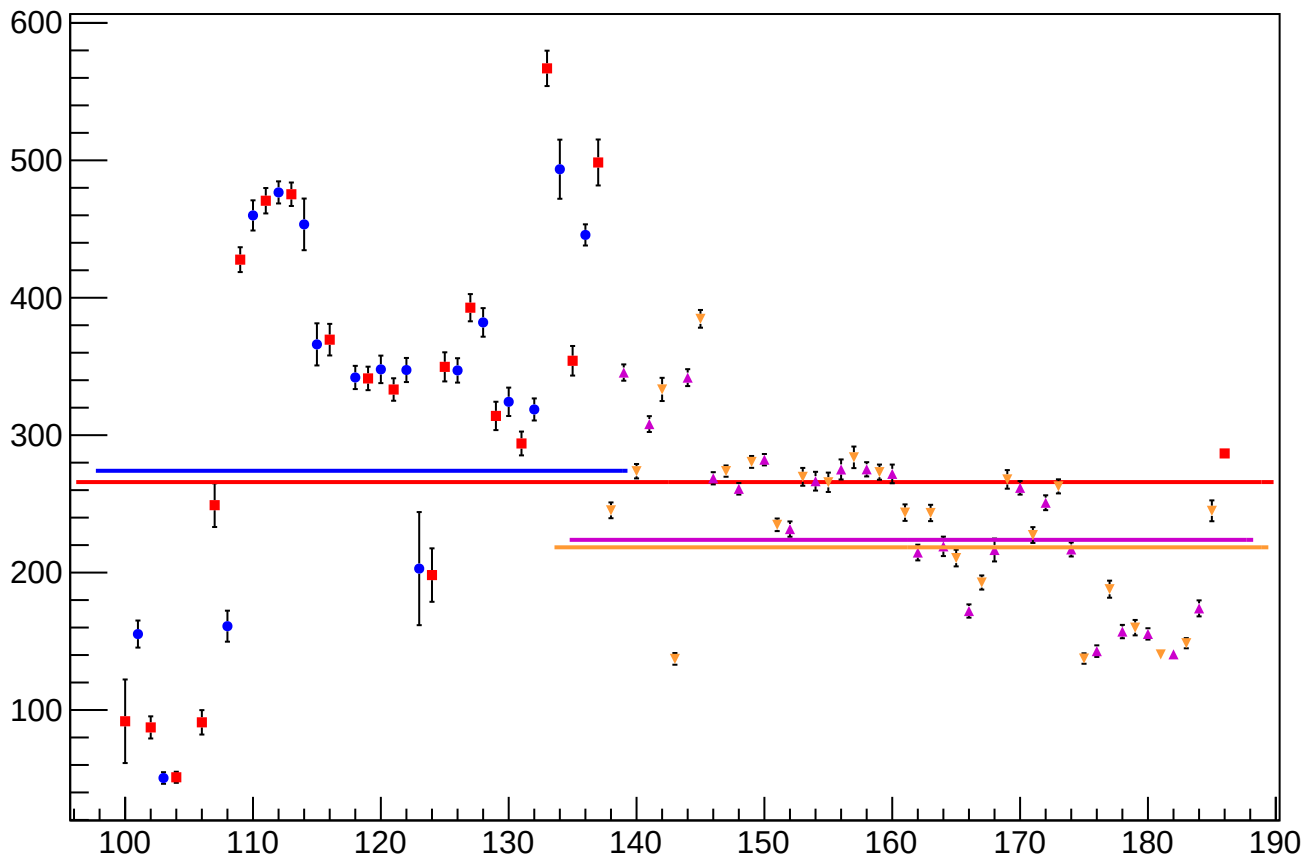
Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

+ 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

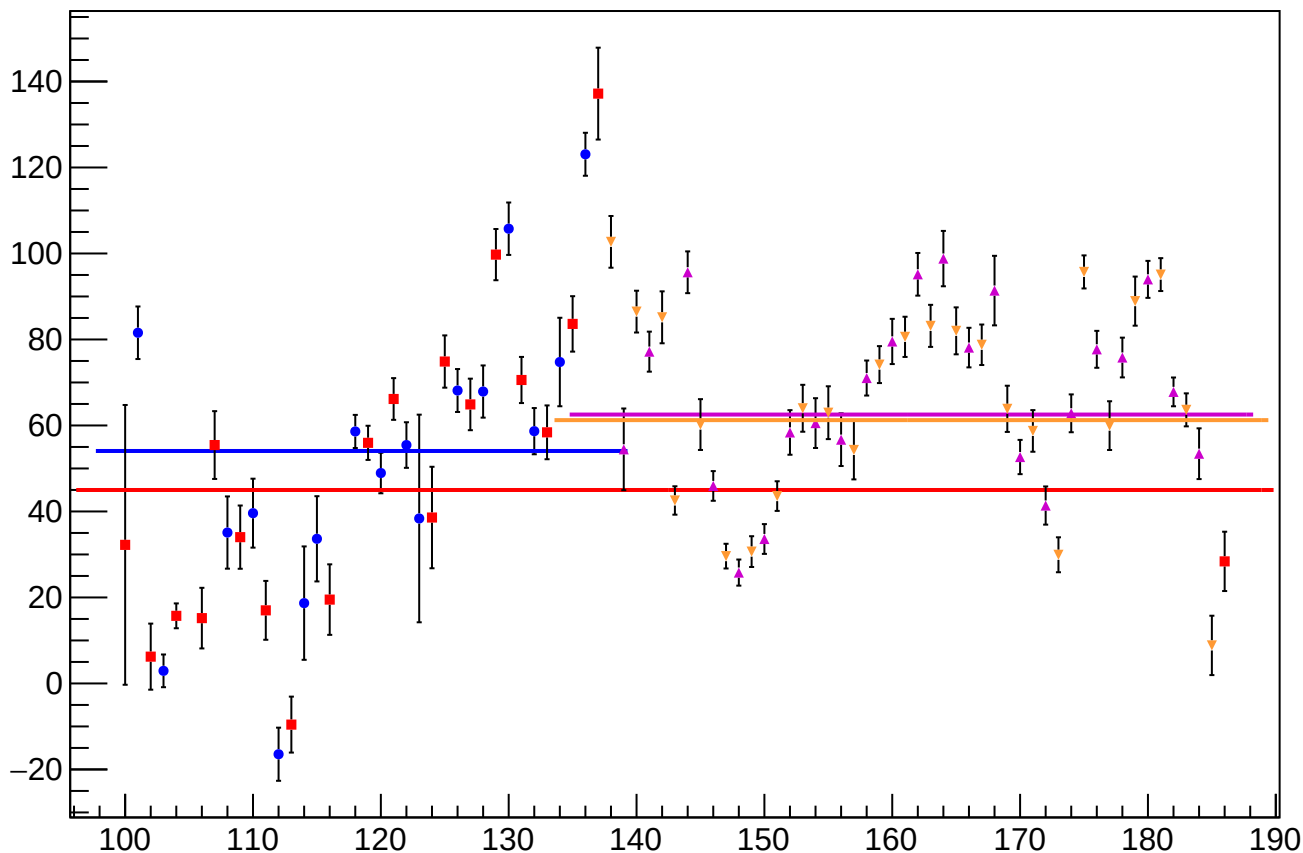
Left In: 223.827 $\pm$ 1.058 χ^2 /NDF:3444.7/22

+ 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 ± 1.421 $\chi^2/\text{NDF}: 634.4/16$

Left Out: 61.240 ± 0.903 $\chi^2/\text{NDF}: 718.8/24$

Right Out: 44.992 ± 1.333 $\chi^2/\text{NDF}: 536.8/19$

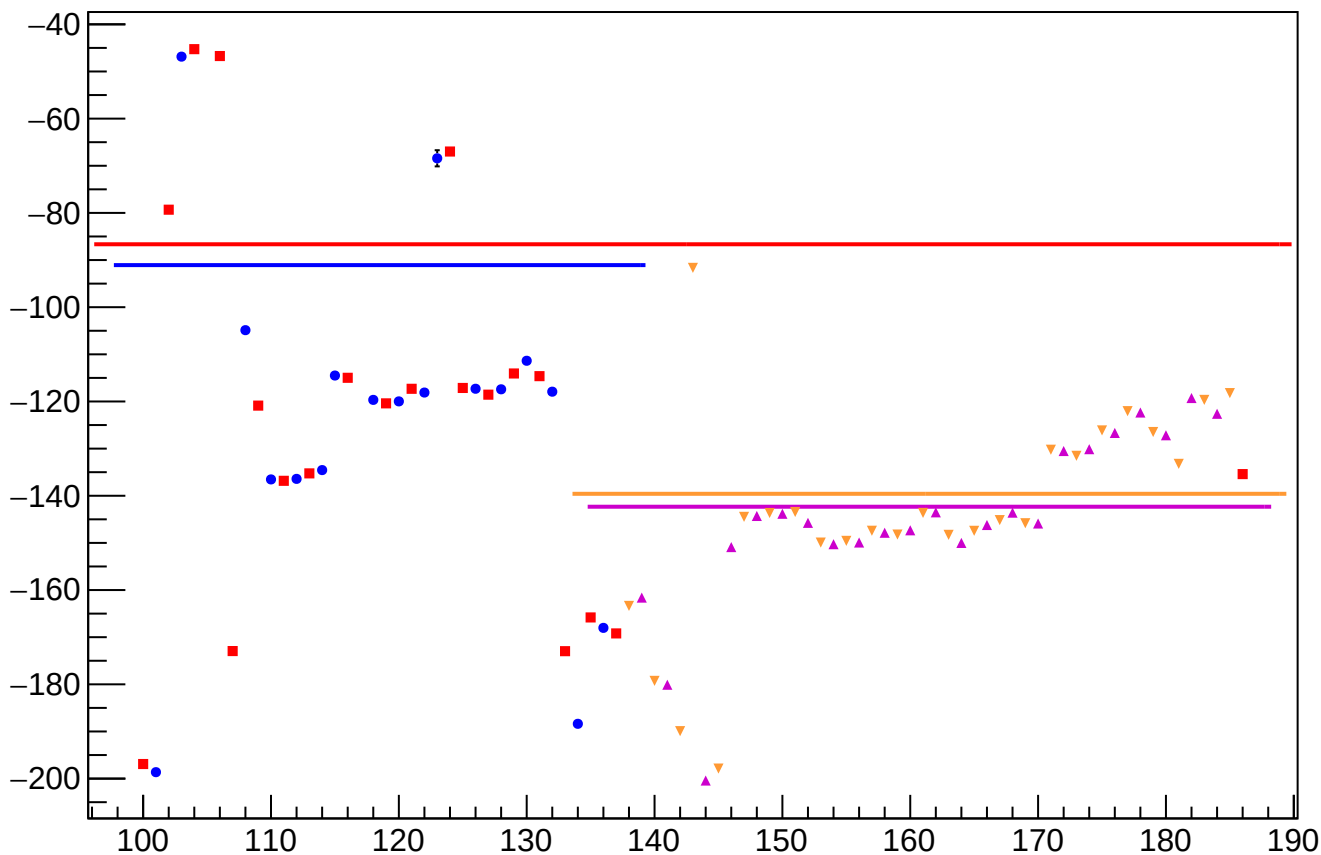
Left In: 62.538 ± 0.940 $\chi^2/\text{NDF}: 520.0/22$

+ sign 59.176 ± 0.762 $\chi^2/\text{NDF}: 1371.4/41$

All: 57.954 ± 0.541 $\chi^2/\text{NDF}: 2549.0/84$

- sign 56.711 ± 0.768 $\chi^2/\text{NDF}: 1172.4/42$

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

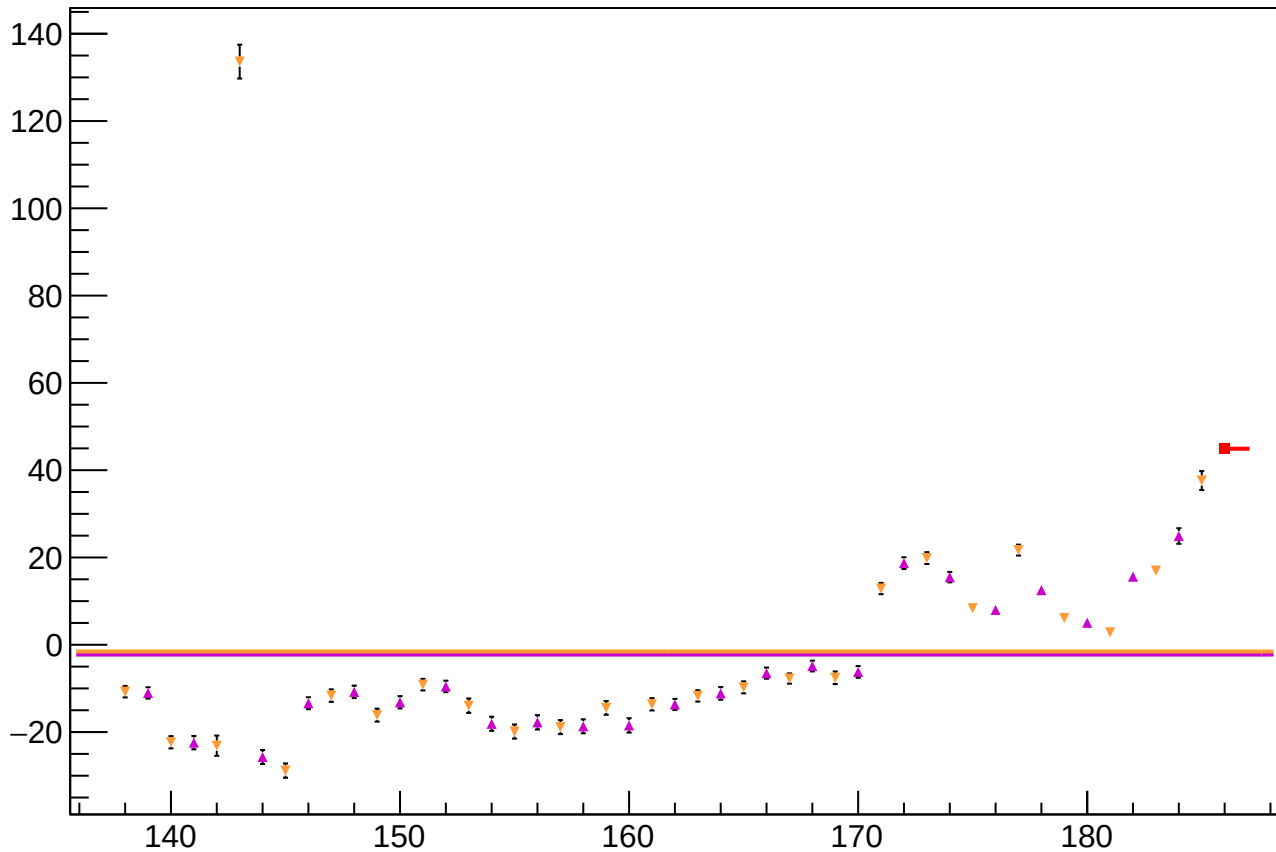
Left In: -142.326 $\pm$ 0.044 χ^2/NDF : 144642.3/22

+ 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

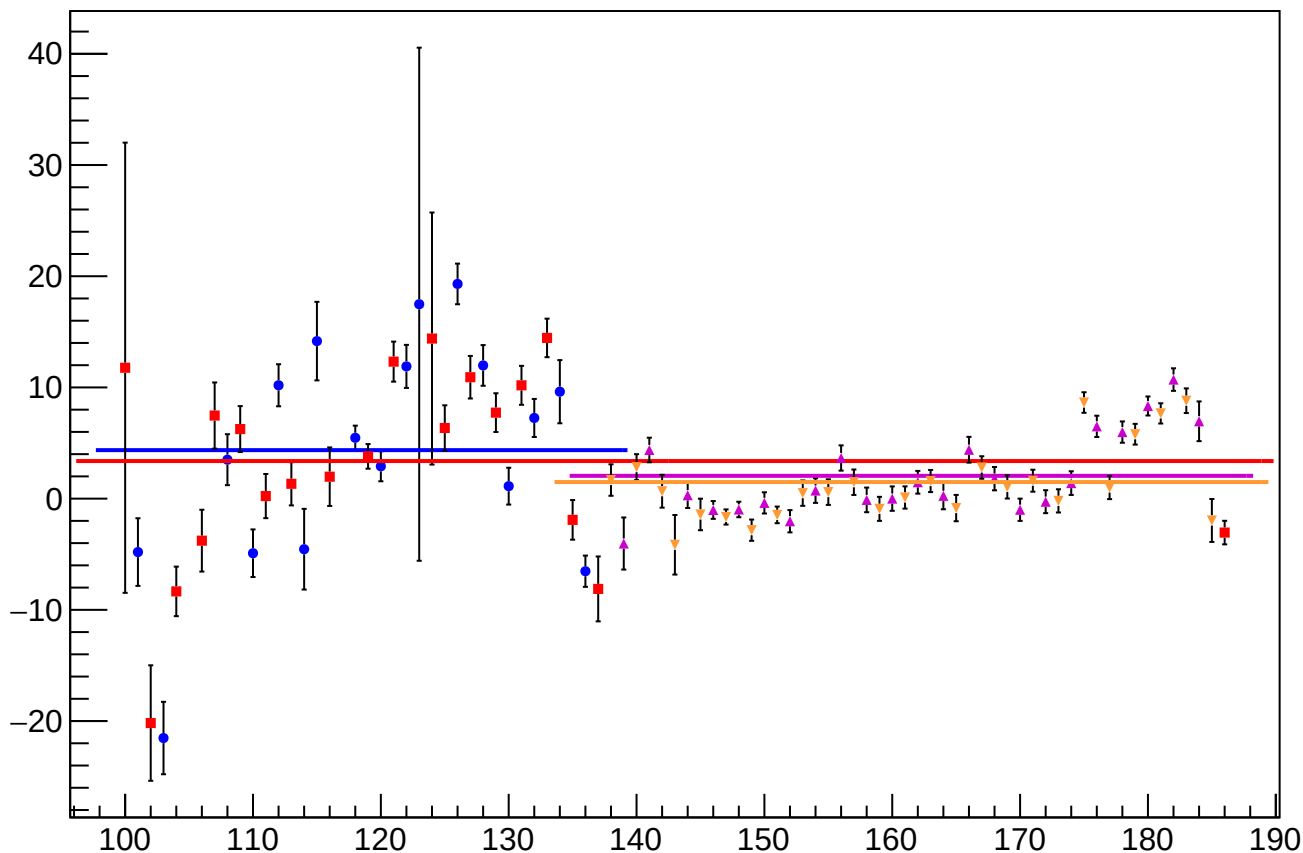
Left In: -2.244+/-0.270 χ^2/NDF : 2561.6/22

+ 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 ± 0.464 χ^2/NDF : 286.5/16

Left Out: 1.492 ± 0.210 χ^2/NDF : 258.3/24

Right Out: 3.381 ± 0.433 χ^2/NDF : 229.7/19

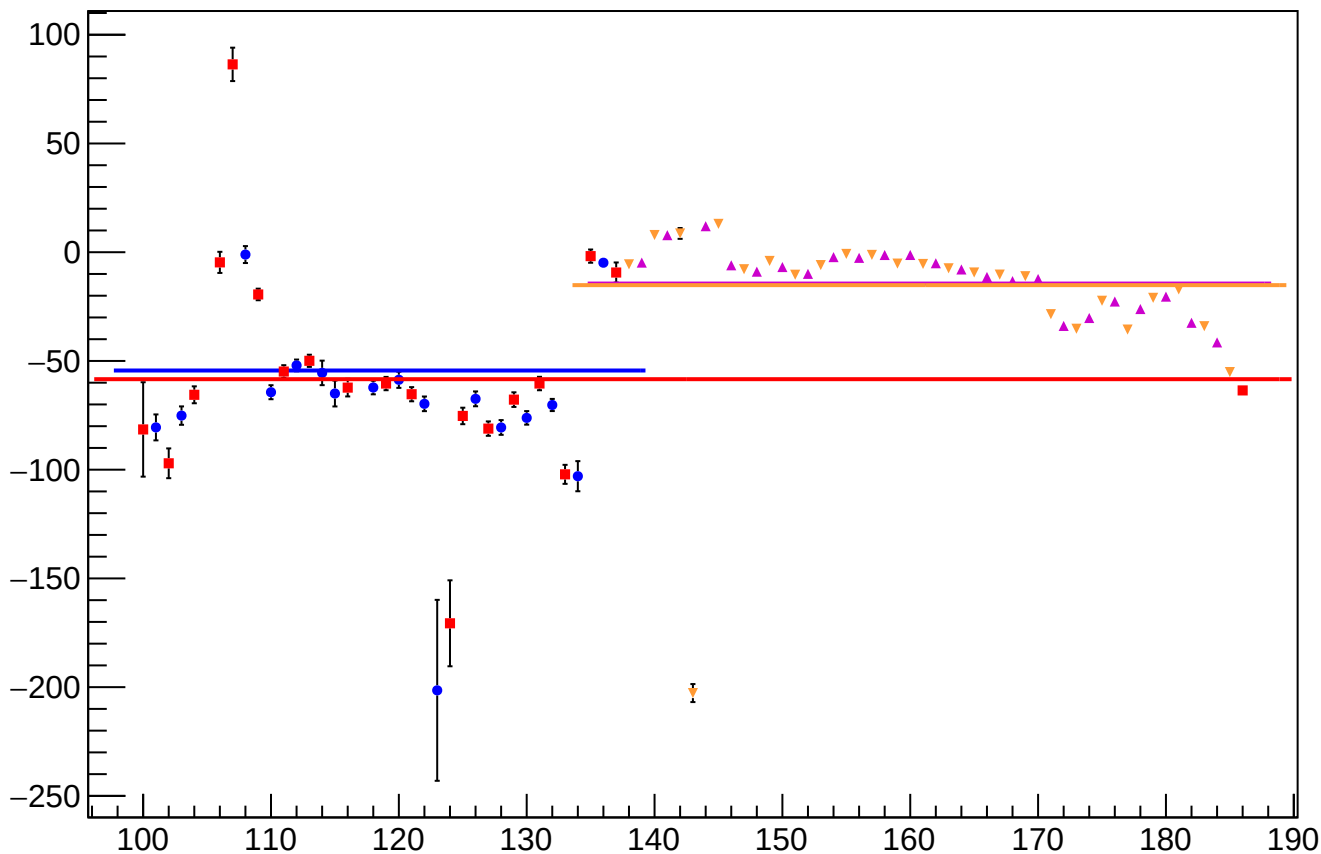
Left In: 2.051 ± 0.215 χ^2/NDF : 275.4/22

+ sign 1.981 ± 0.192 χ^2/NDF : 576.5/41

All: 2.147 ± 0.136 χ^2/NDF : 1090.6/84

- sign 2.314 ± 0.192 χ^2/NDF : 512.6/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -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 $\chi^2/\text{NDF}: 1466.4/19$

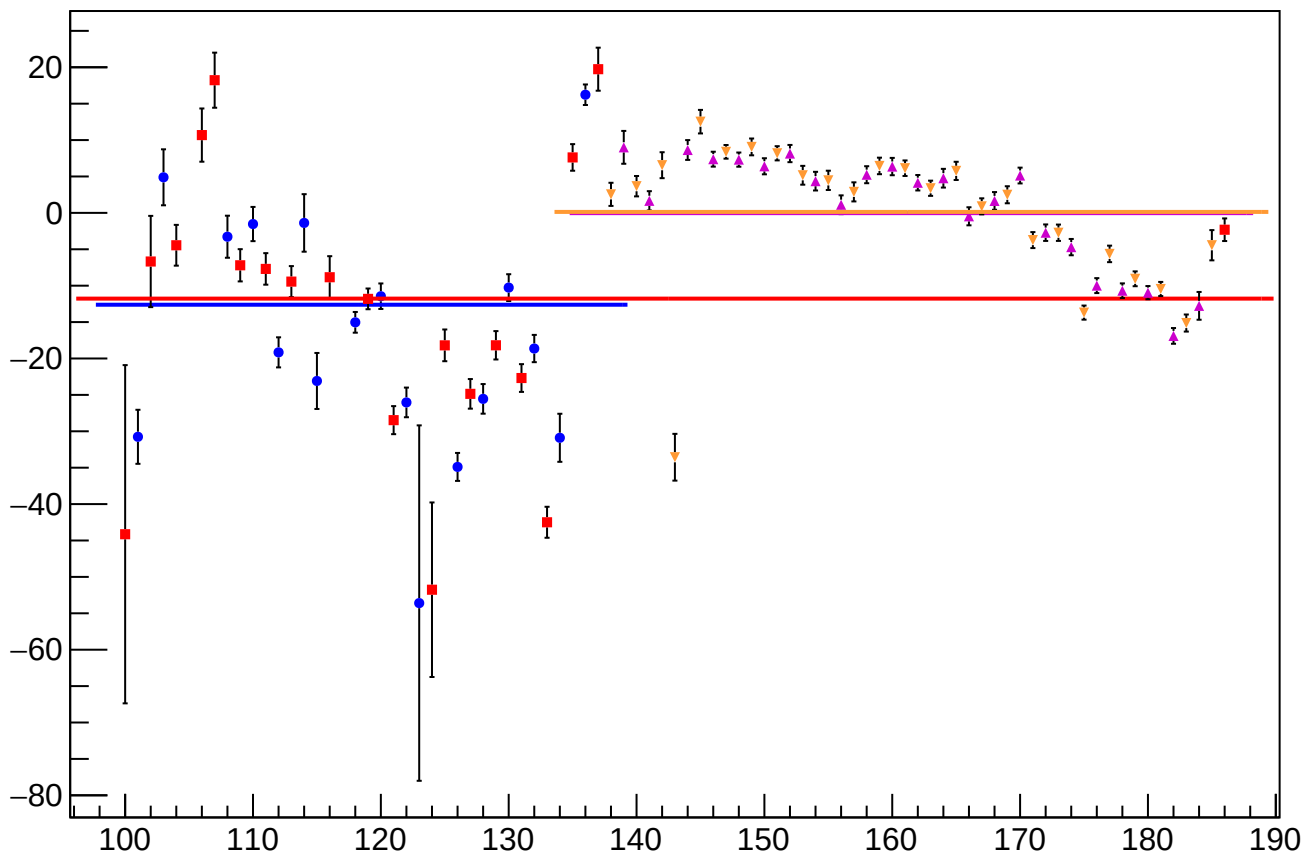
Left In: -14.415 ± 0.268 $\chi^2/\text{NDF}: 2065.7/22$

+ 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

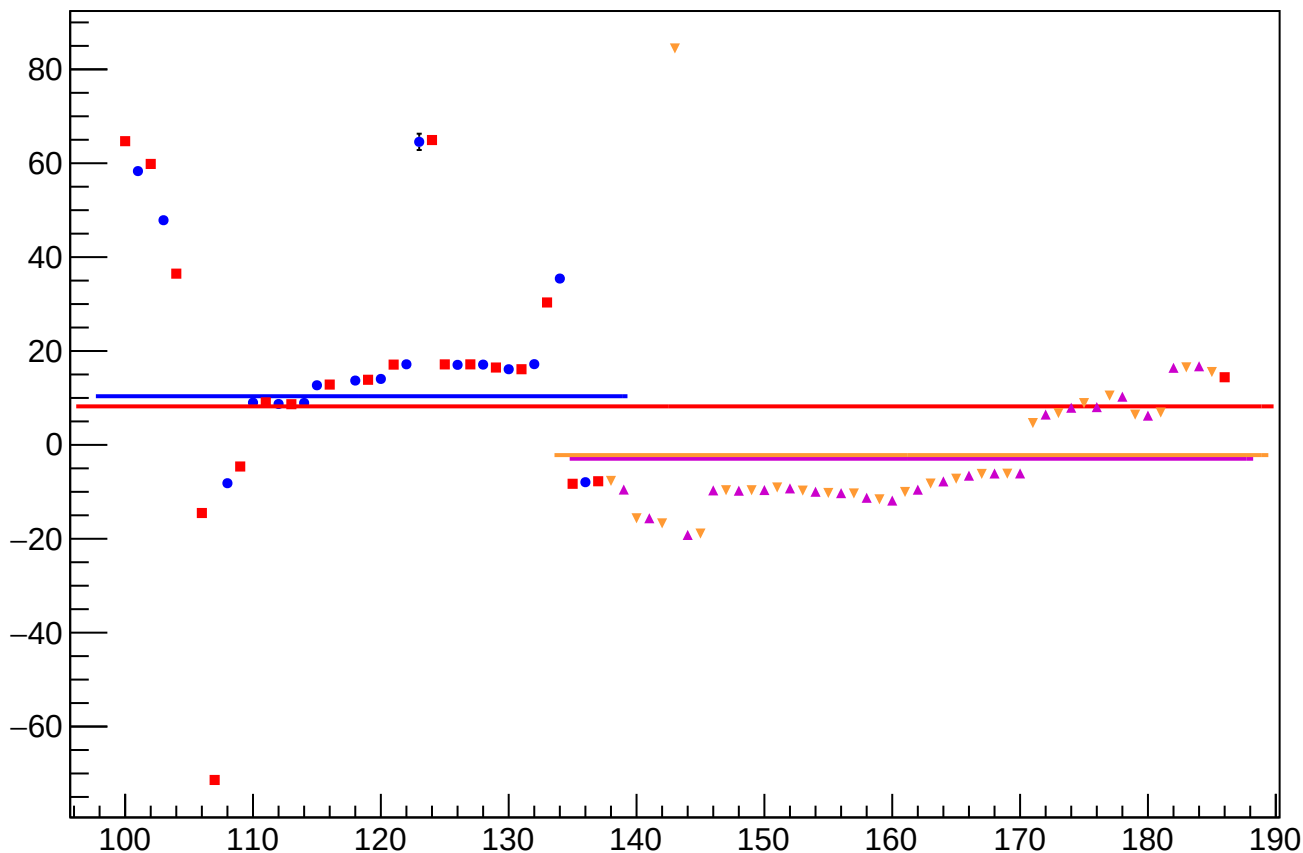
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ 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

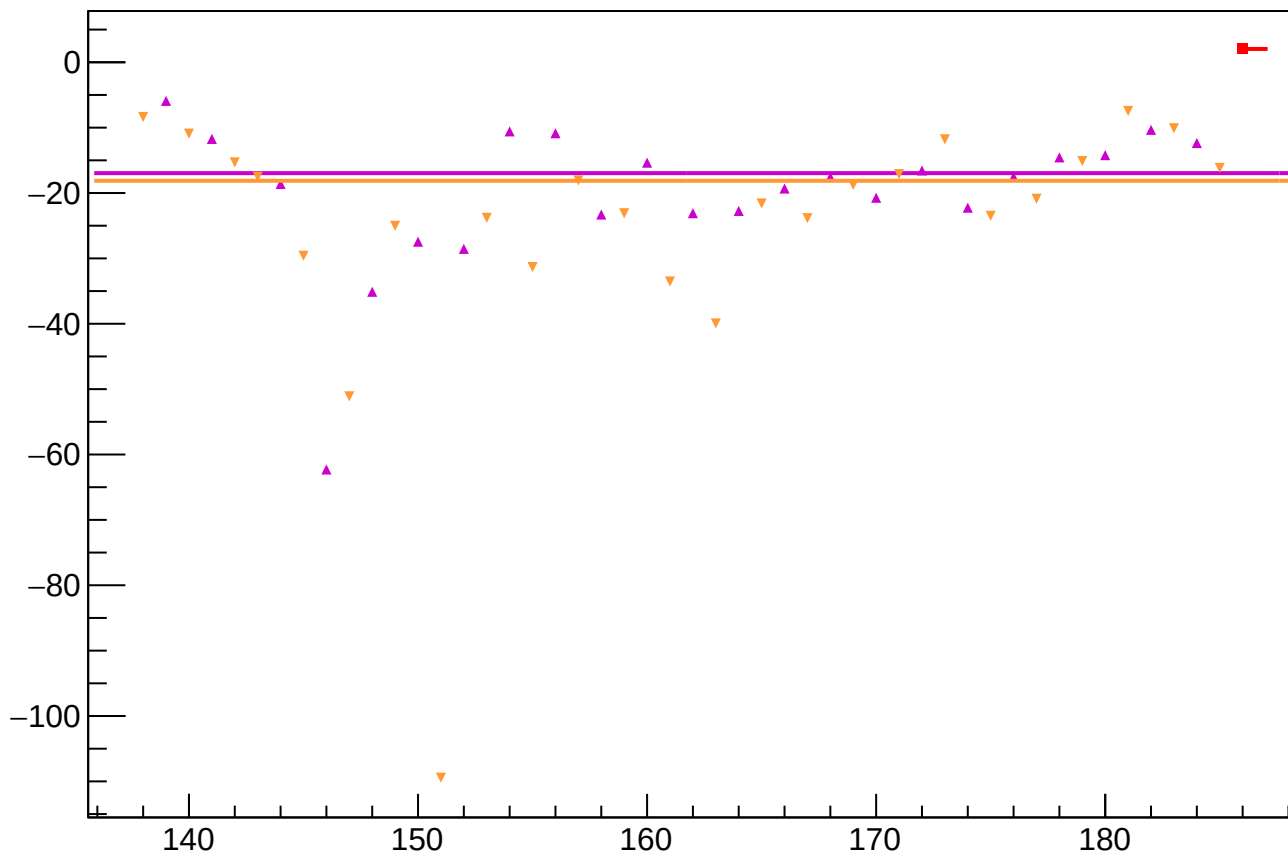
Left In: -2.949+/-0.011 χ^2 /NDF: 770702.4/22

+ 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

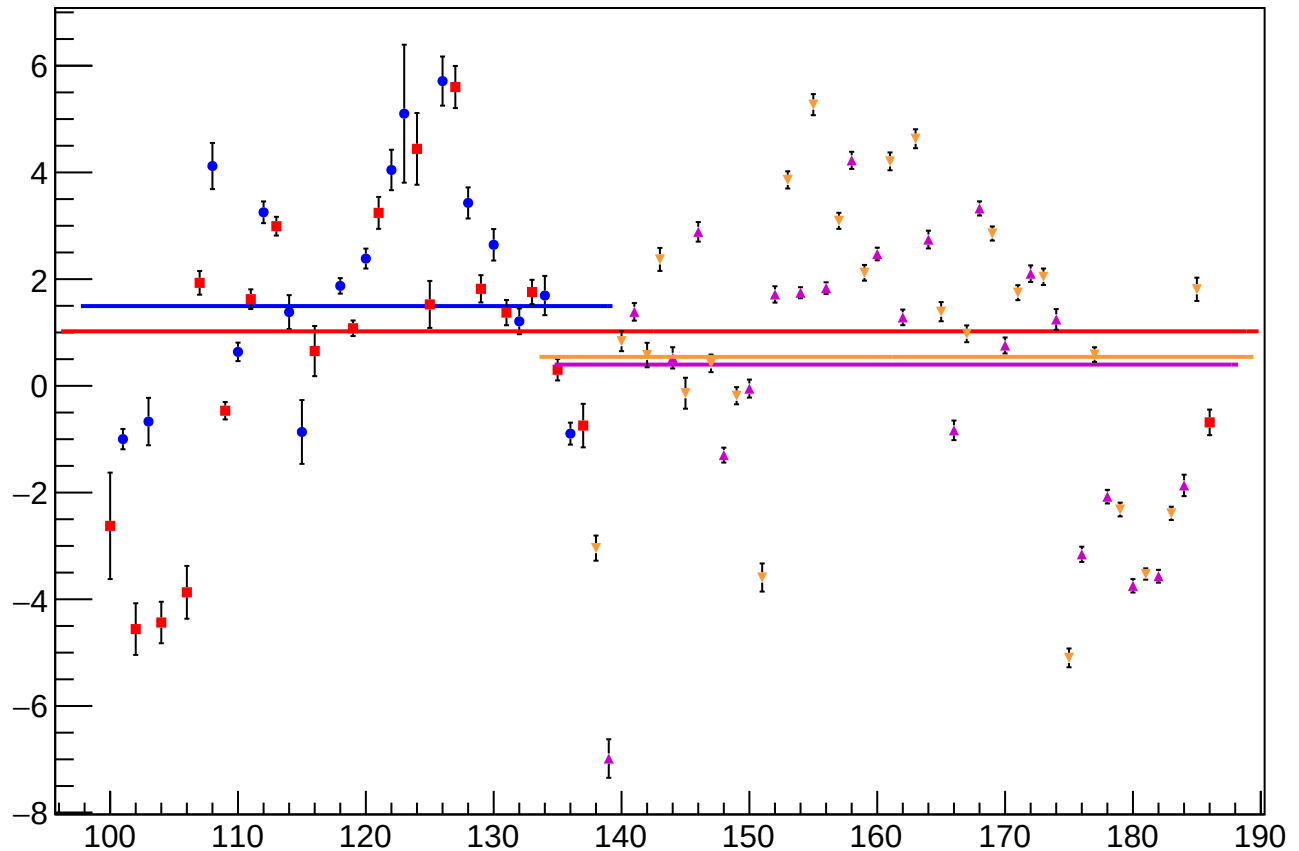
Left In: -16.958+/-0.038 χ^2/NDF : 44759.9/22

+ 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 ± 0.061 χ^2/NDF : 708.8/16

Left Out: 0.543 ± 0.032 χ^2/NDF : 7067.6/24

Right Out: 1.022 ± 0.057 χ^2/NDF : 1000.1/19

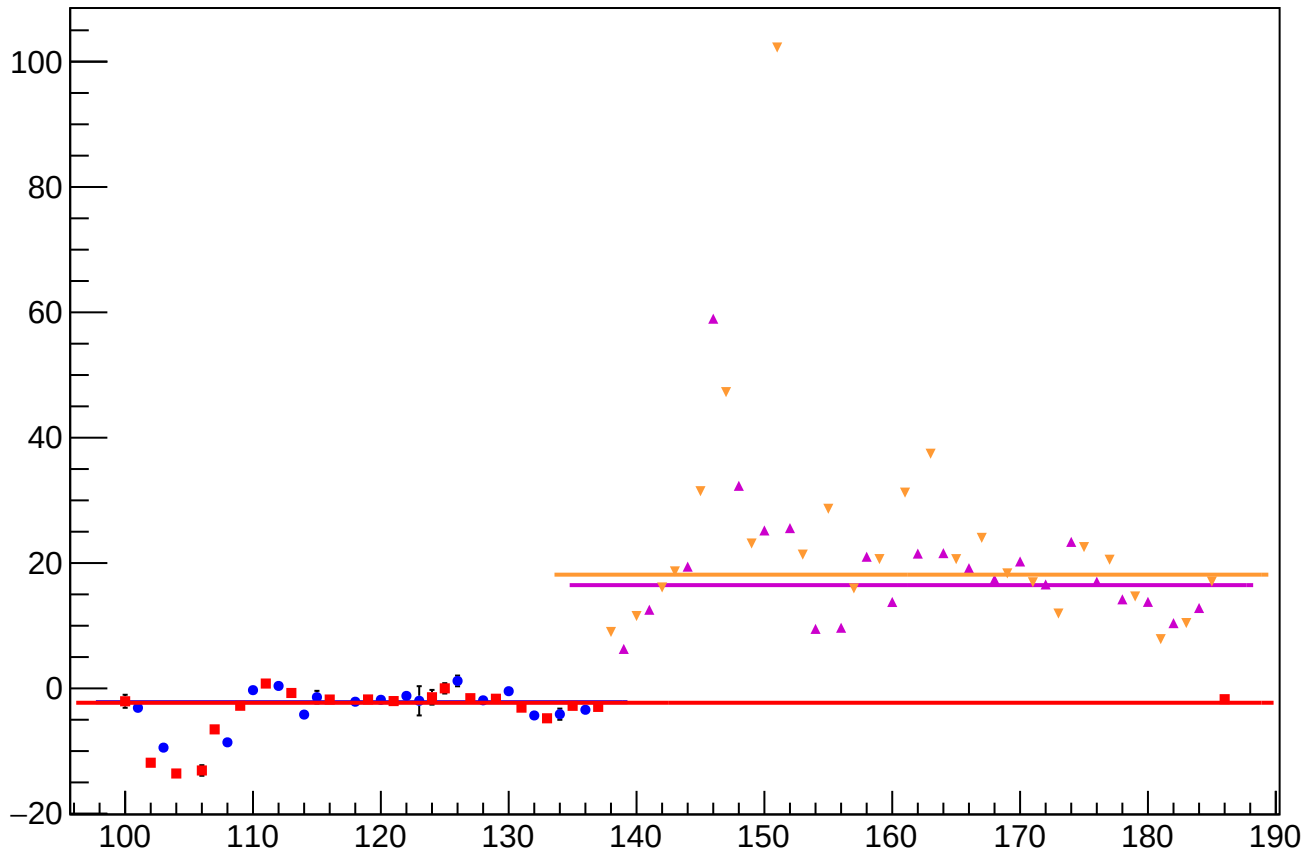
Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

+ sign 0.752 ± 0.029 χ^2/NDF : 7966.0/41

All: 0.640 ± 0.020 χ^2/NDF : 15375.7/84

- sign 0.540 ± 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

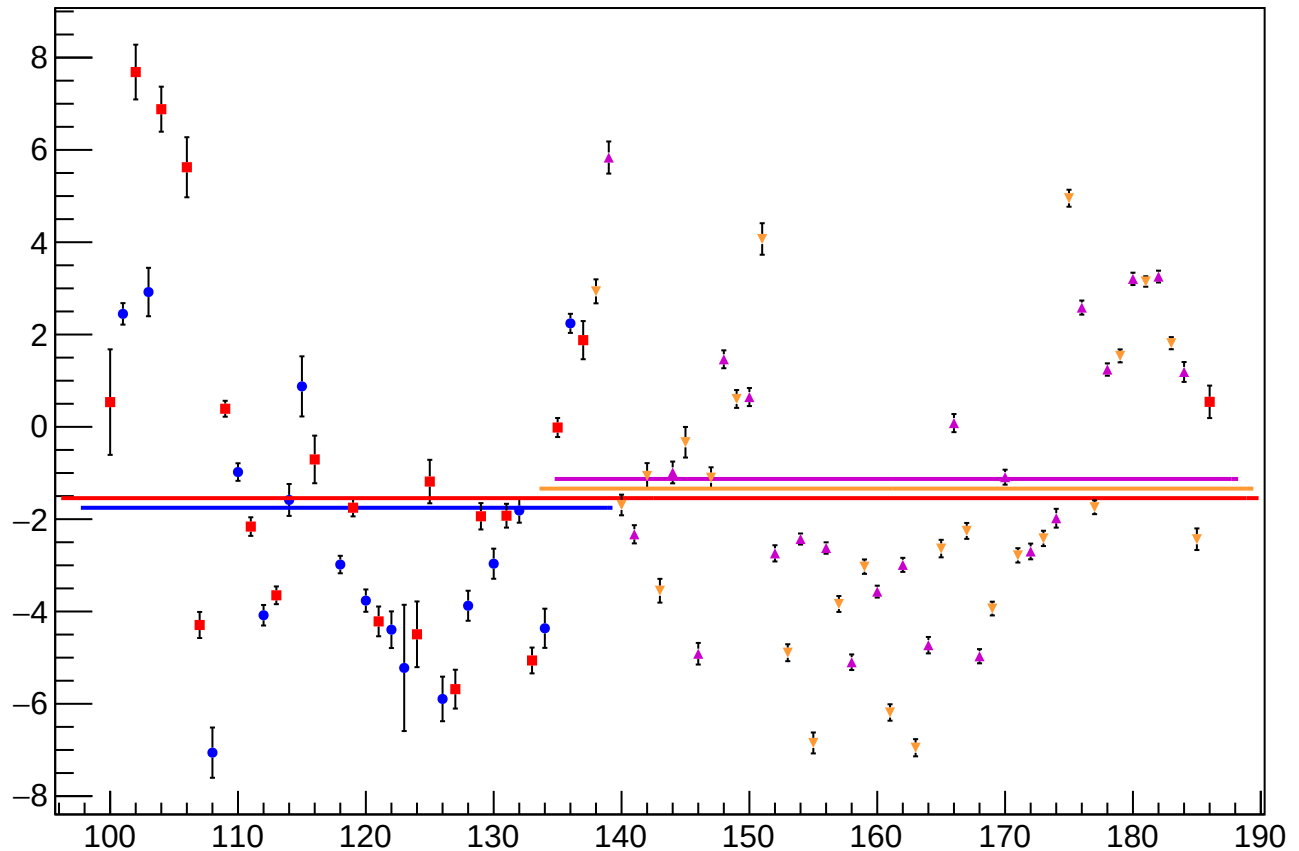
Left In: 16.477 ± 0.038 χ^2/NDF : 41326.5/22

+ 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 $\chi^2/\text{NDF}: 1524.0/19$

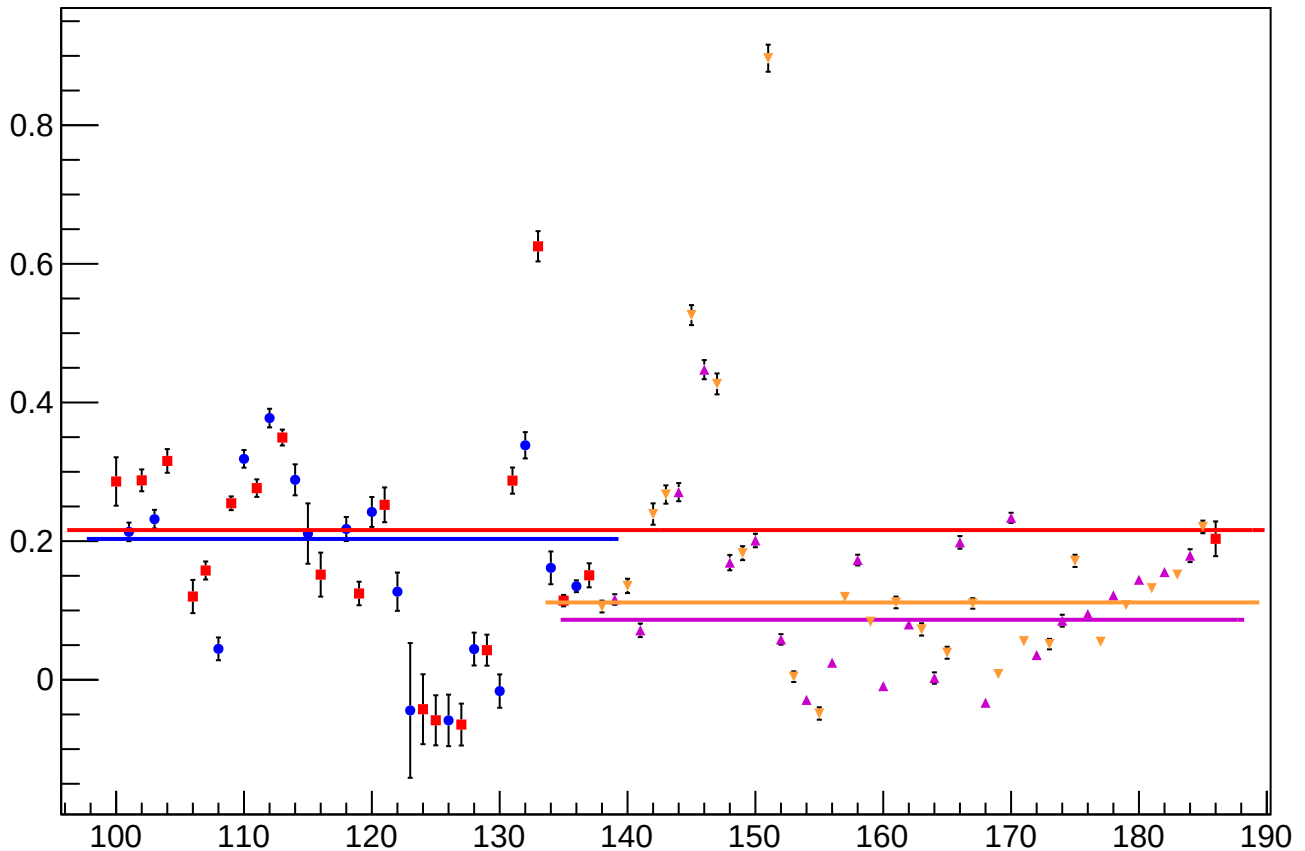
Left In: -1.129 ± 0.034 $\chi^2/\text{NDF}: 6778.7/22$

+ 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

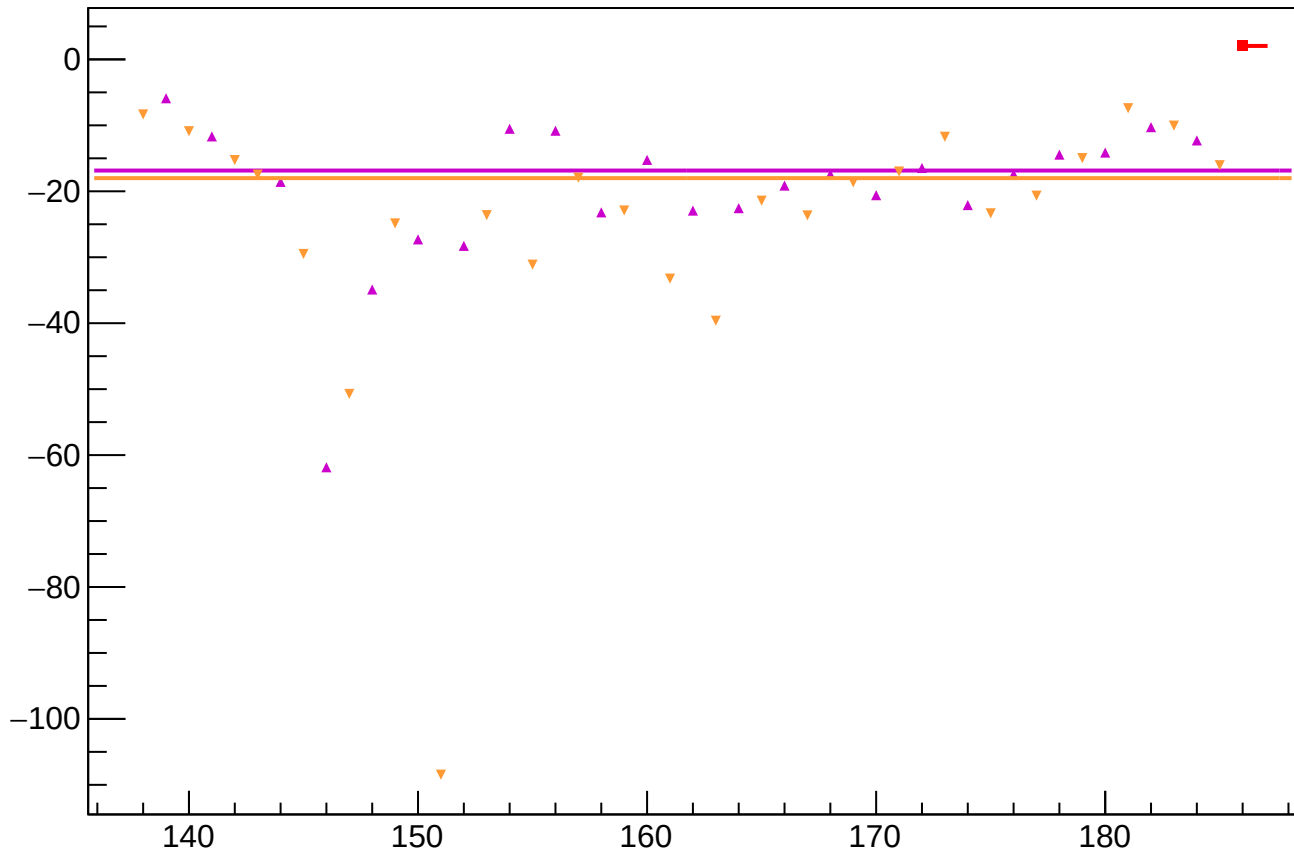
Left In: 0.087 ± 0.001 χ^2/NDF : 3661.4/22

+ 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

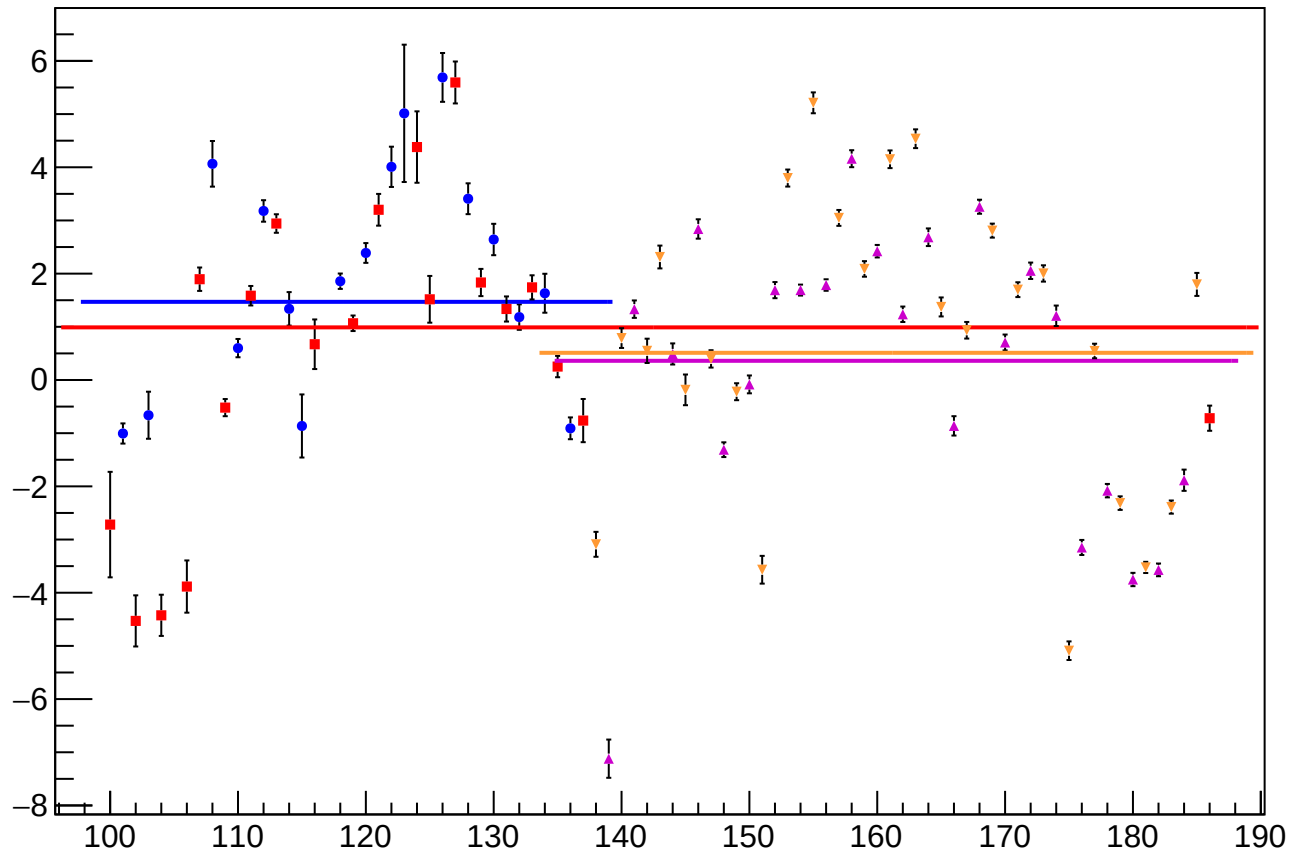
Left In: -16.854+/-0.038 χ^2/NDF : 44680.7/22

+ 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 $\pm$ 0.061 χ^2 /NDF: 707.9/16

Left Out: 0.511 $\pm$ 0.032 χ^2 /NDF: 7053.0/24

Right Out: 0.989 $\pm$ 0.056 χ^2 /NDF: 1007.3/19

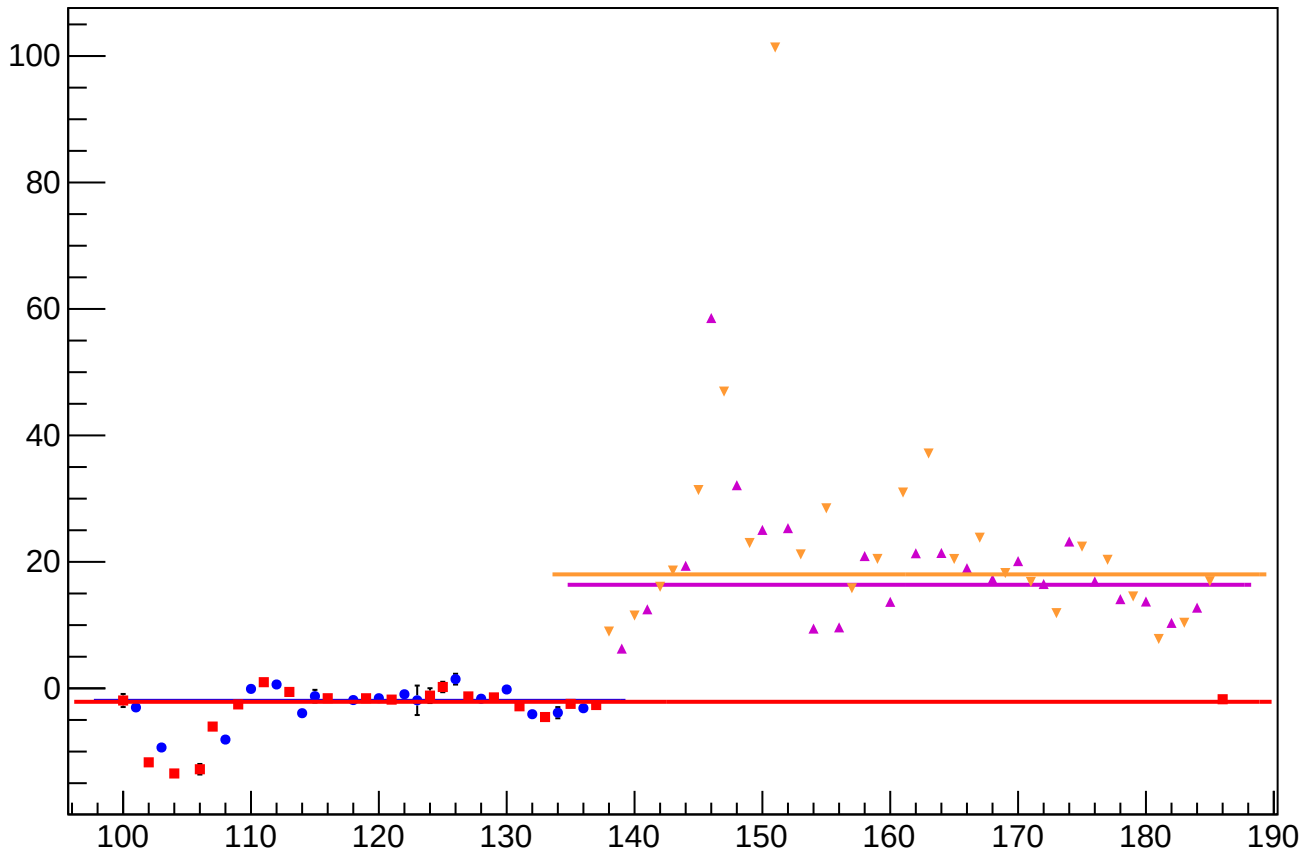
Left In: 0.361 $\pm$ 0.030 χ^2 /NDF: 6273.5/22

+ sign 0.721 $\pm$ 0.028 χ^2 /NDF: 7954.9/41

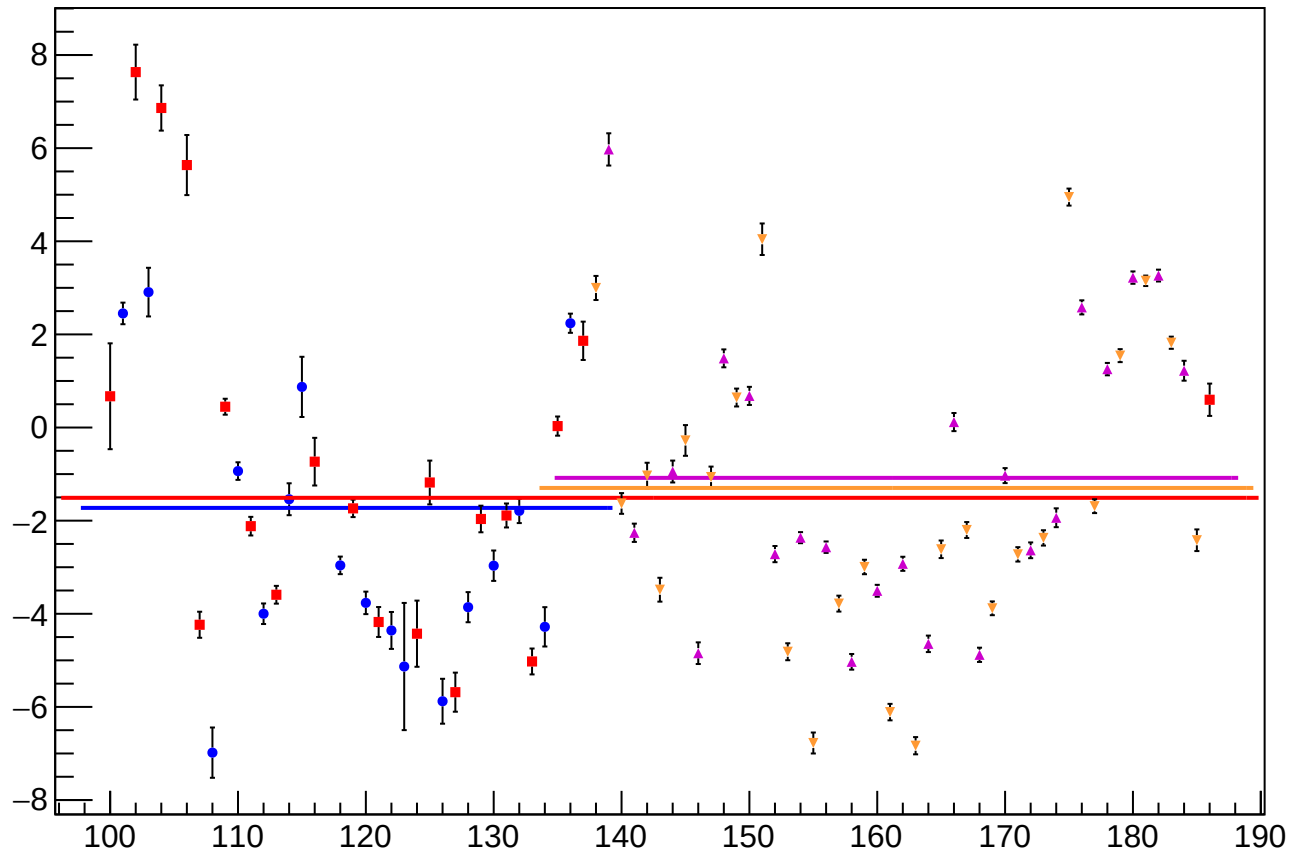
All: 0.606 $\pm$ 0.019 χ^2 /NDF: 15363.4/84

- sign 0.503 $\pm$ 0.027 χ^2 /NDF: 7377.3/42

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 $\pm$ 0.070 χ^2/NDF : 1341.5/16

Left Out: -1.297 $\pm$ 0.036 χ^2/NDF : 7903.2/24

Right Out: -1.509 $\pm$ 0.064 χ^2/NDF : 1531.0/19

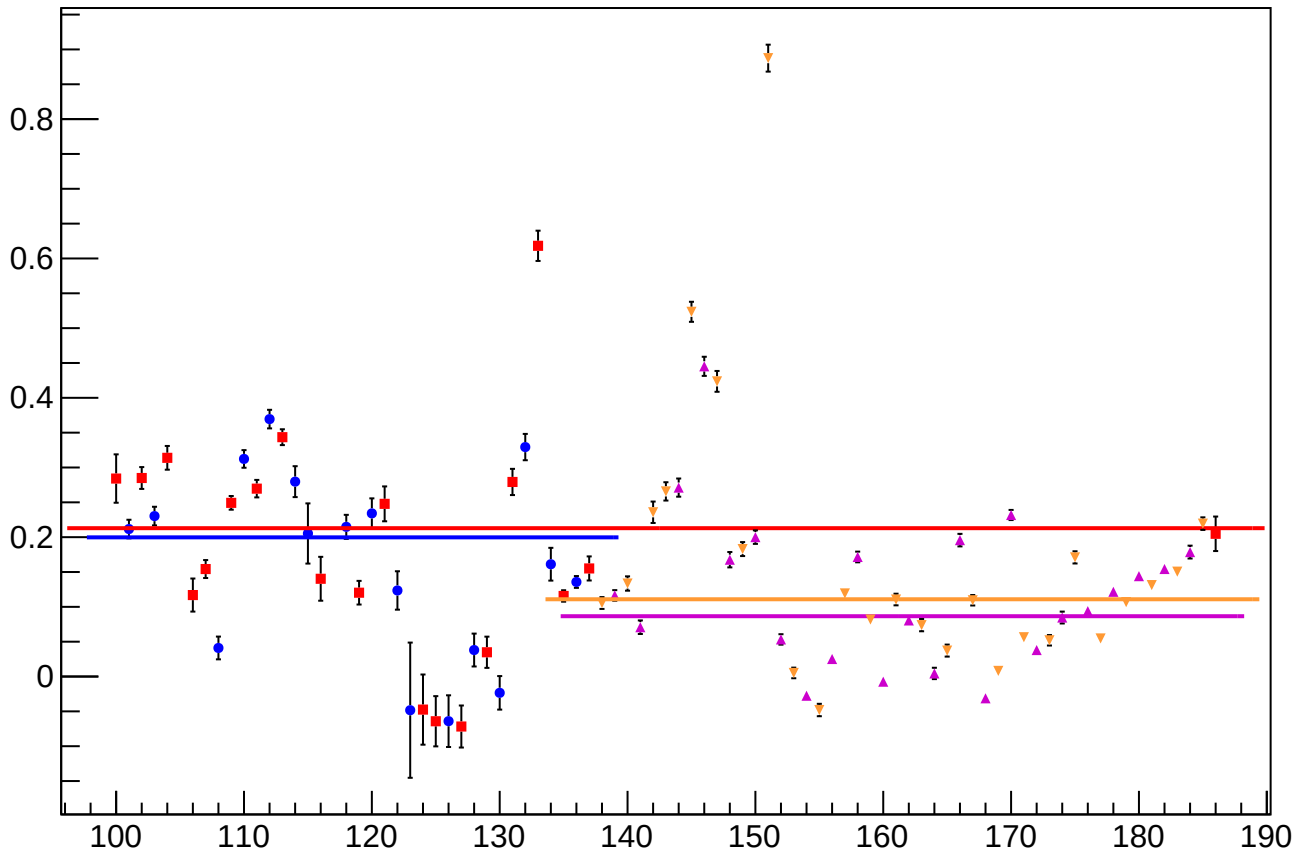
Left In: -1.081 $\pm$ 0.034 χ^2/NDF : 6764.0/22

+ sign -1.386 $\pm$ 0.032 χ^2/NDF : 9274.4/41

All: -1.273 $\pm$ 0.022 χ^2/NDF : 17627.8/84

- sign -1.174 $\pm$ 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

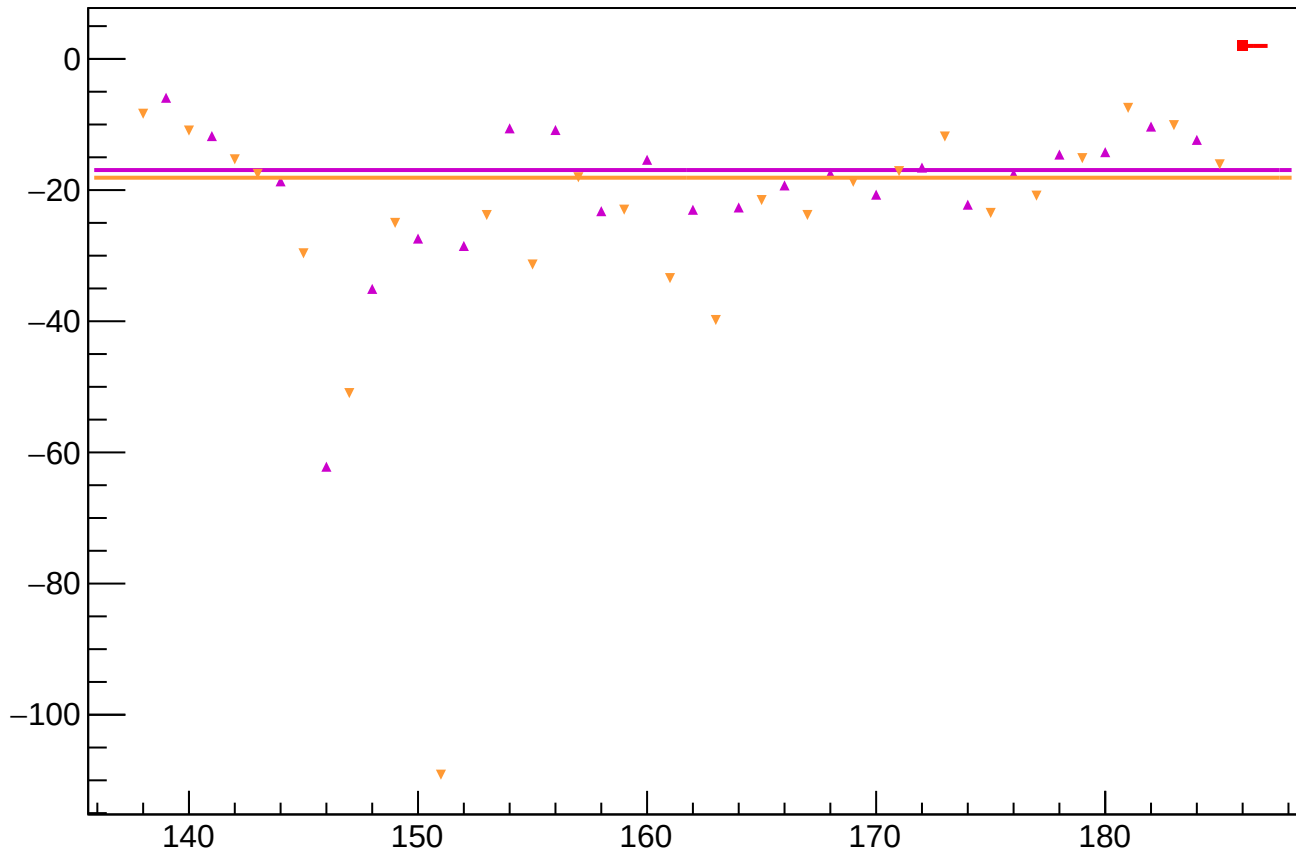
Left In: 0.087 ± 0.001 χ^2/NDF : 3631.4/22

+ 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

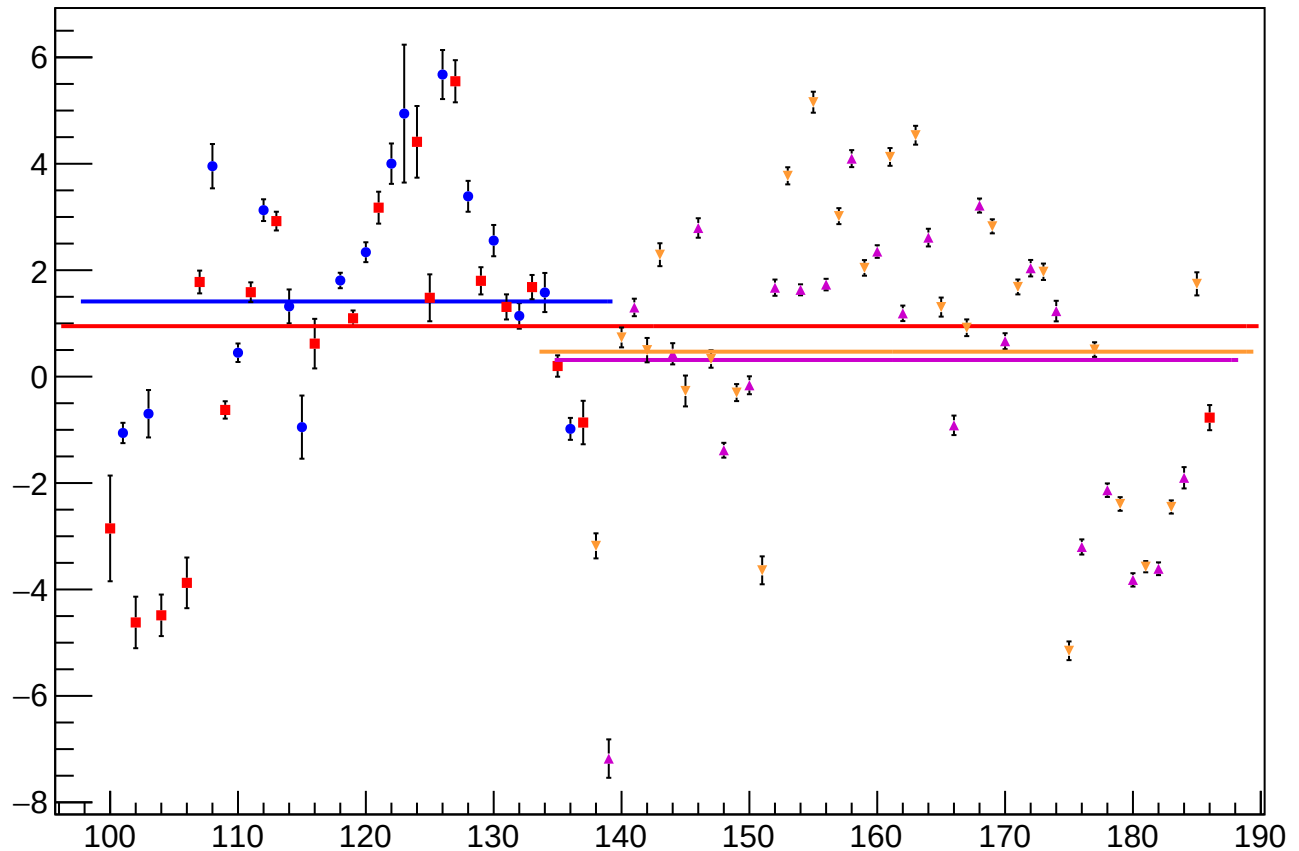
Left In: -16.945+/-0.038 χ^2/NDF : 44756.2/22

+ 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

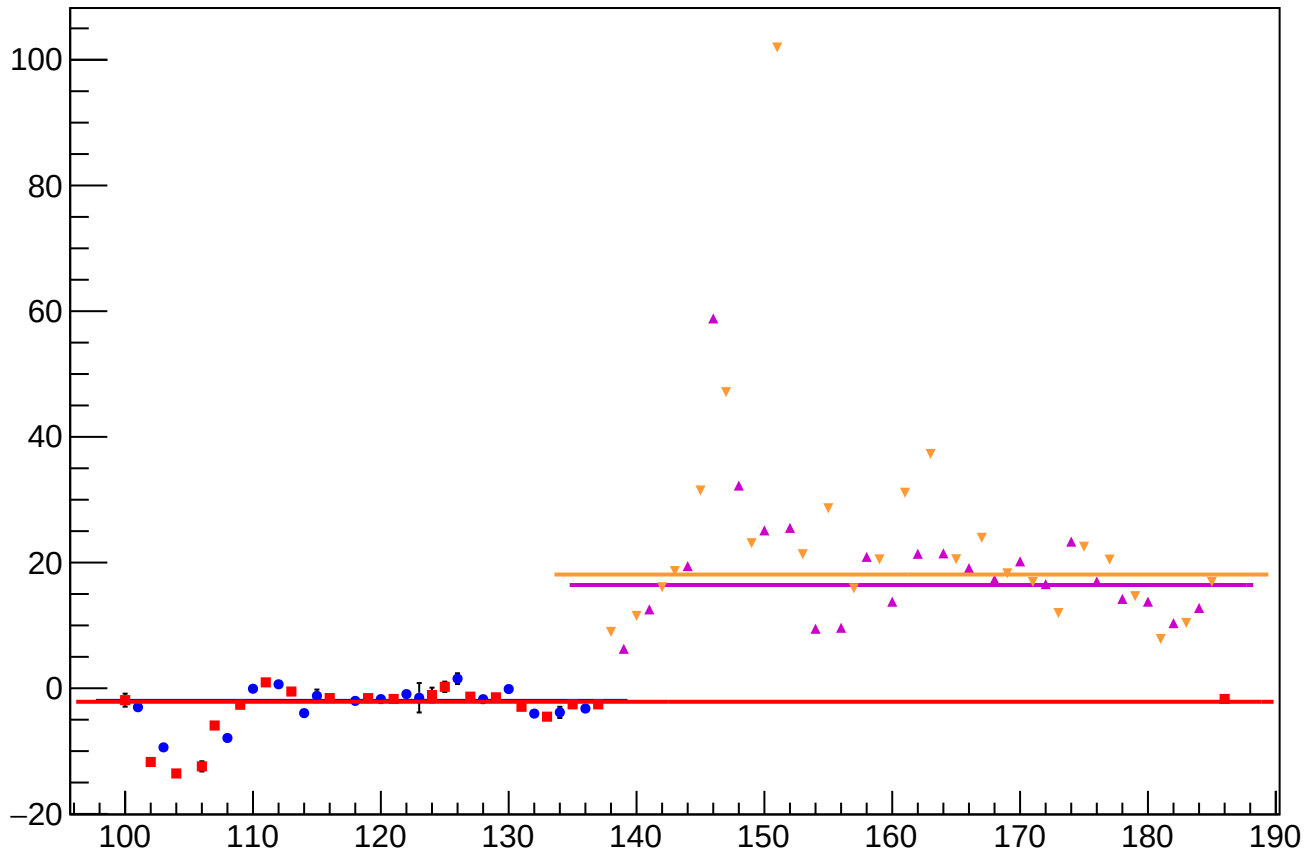
Left In: 0.313 $\pm$ 0.031 χ^2/NDF : 6235.0/22

+ sign 0.675 $\pm$ 0.029 χ^2/NDF : 7977.2/41

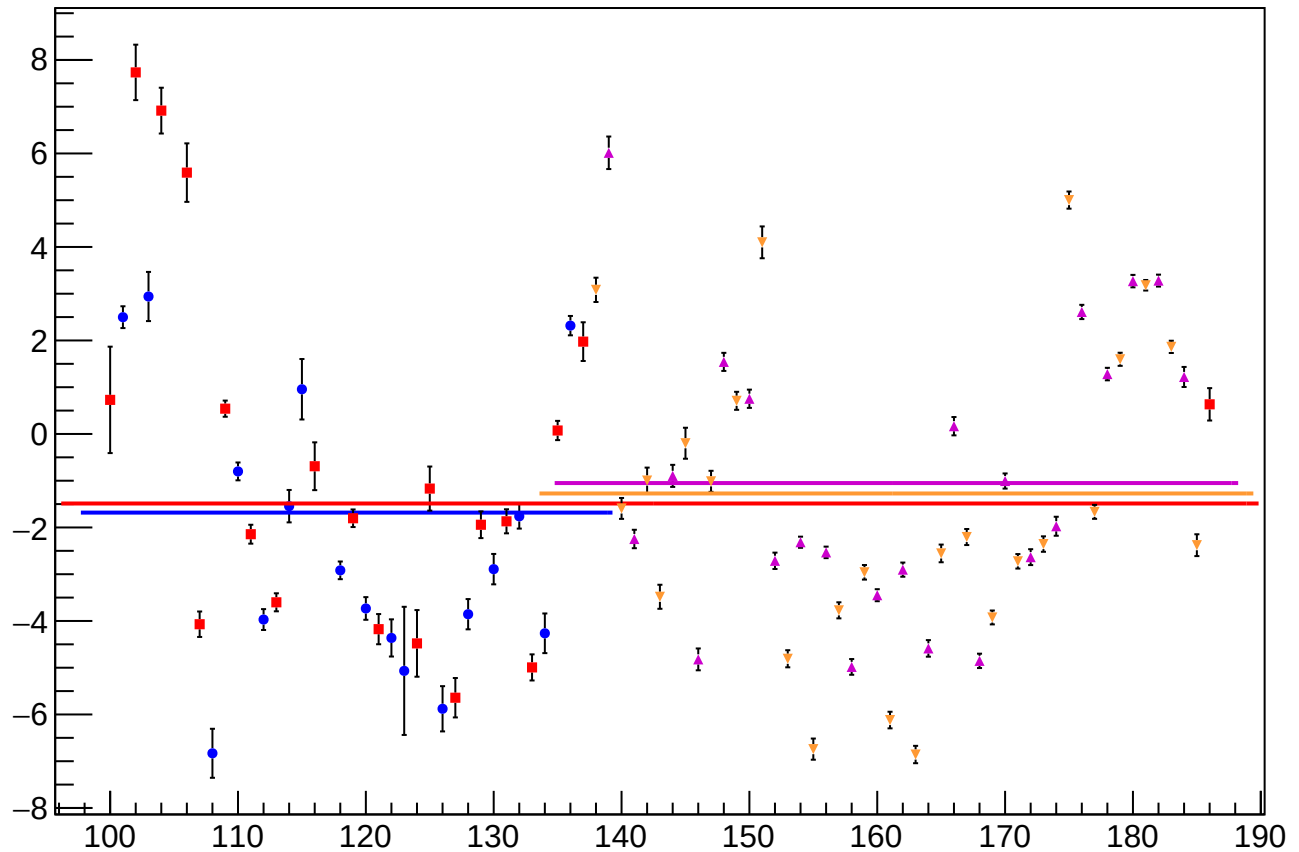
All: 0.559 $\pm$ 0.020 χ^2/NDF : 15360.9/84

- sign 0.457 $\pm$ 0.027 χ^2/NDF : 7352.6/42

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 $\pm$ 0.070 χ^2/NDF : 1347.8/16

Left Out: -1.273 $\pm$ 0.036 χ^2/NDF : 7931.0/24

Right Out: -1.487 $\pm$ 0.064 χ^2/NDF : 1543.5/19

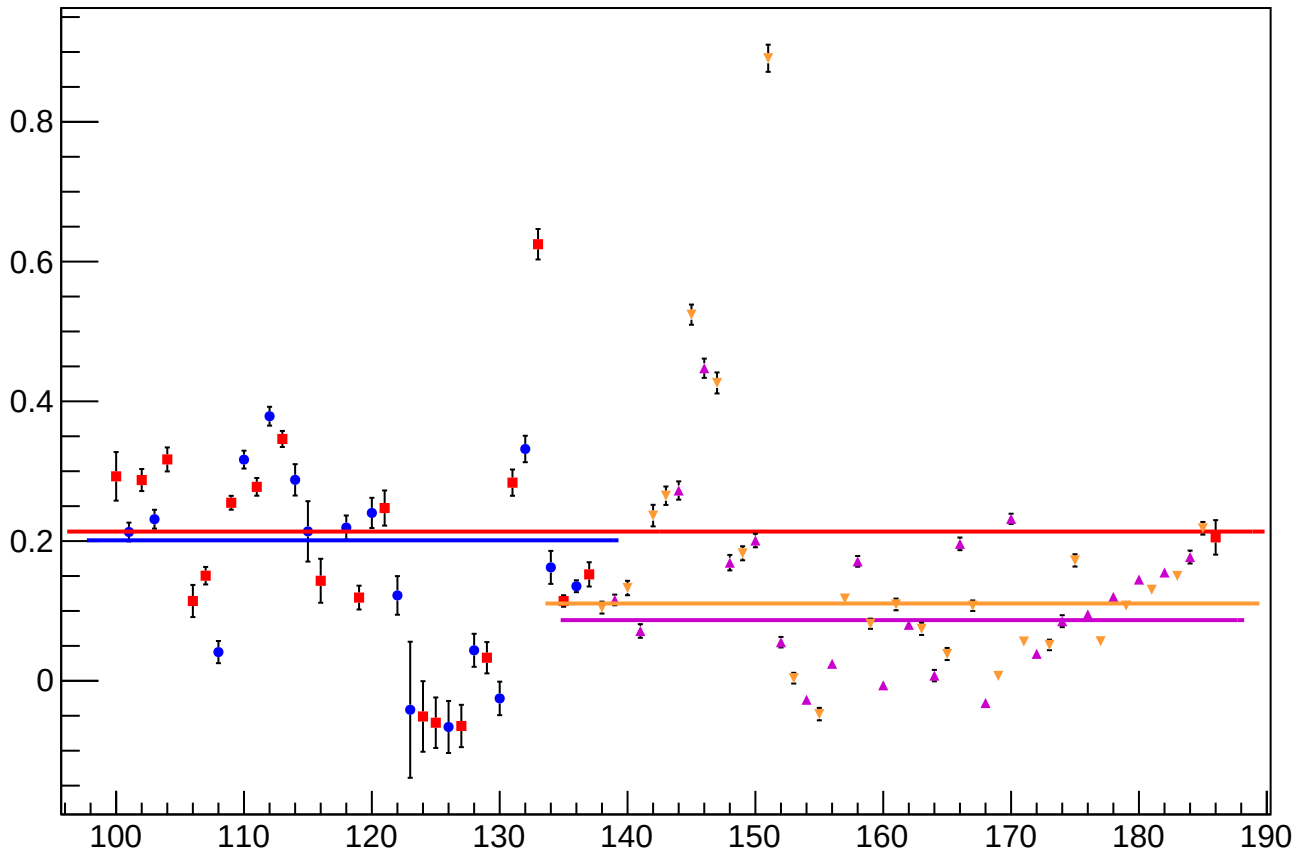
Left In: -1.050 $\pm$ 0.034 χ^2/NDF : 6713.0/22

+ sign -1.357 $\pm$ 0.032 χ^2/NDF : 9305.7/41

All: -1.245 $\pm$ 0.022 χ^2/NDF : 17621.6/84

- sign -1.145 $\pm$ 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

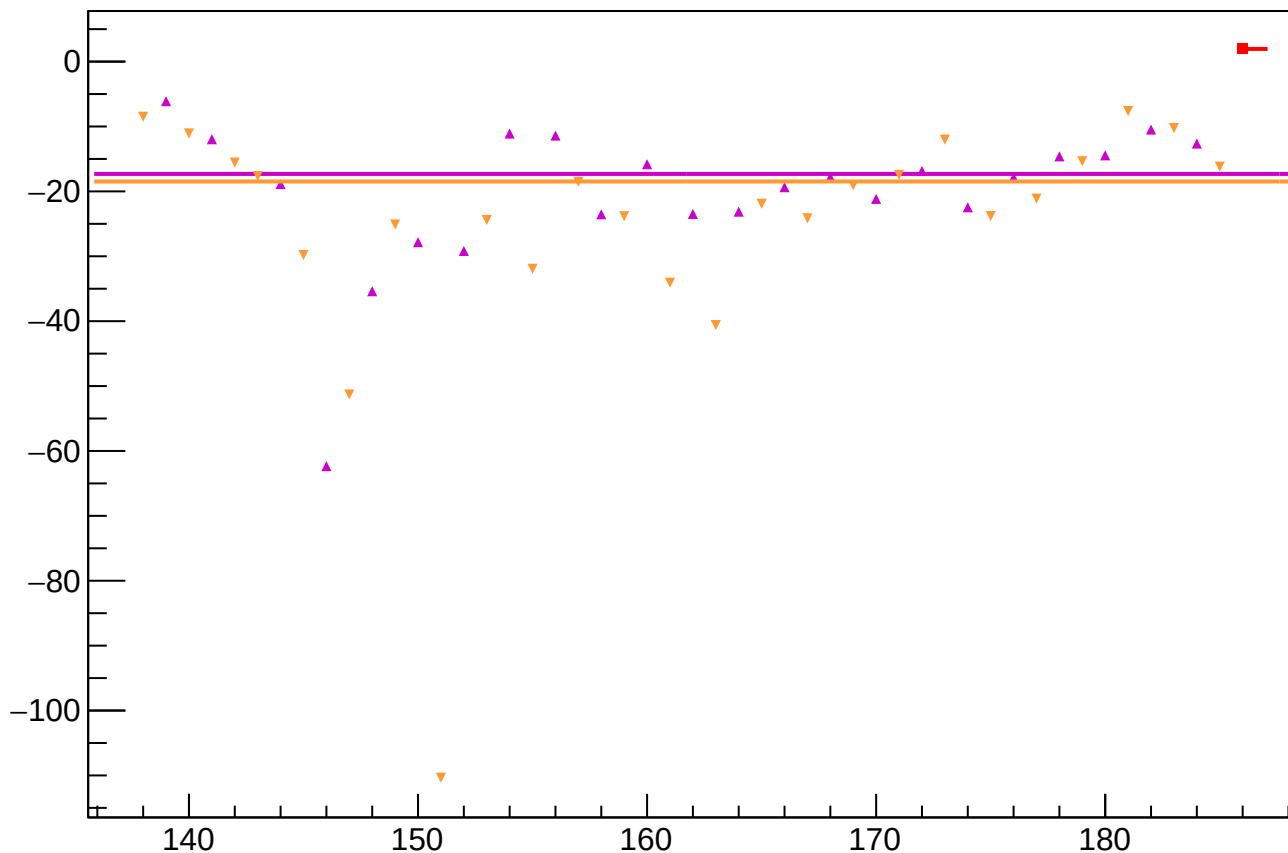
Left In: 0.087 ± 0.001 χ^2/NDF : 3604.3/22

+ 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

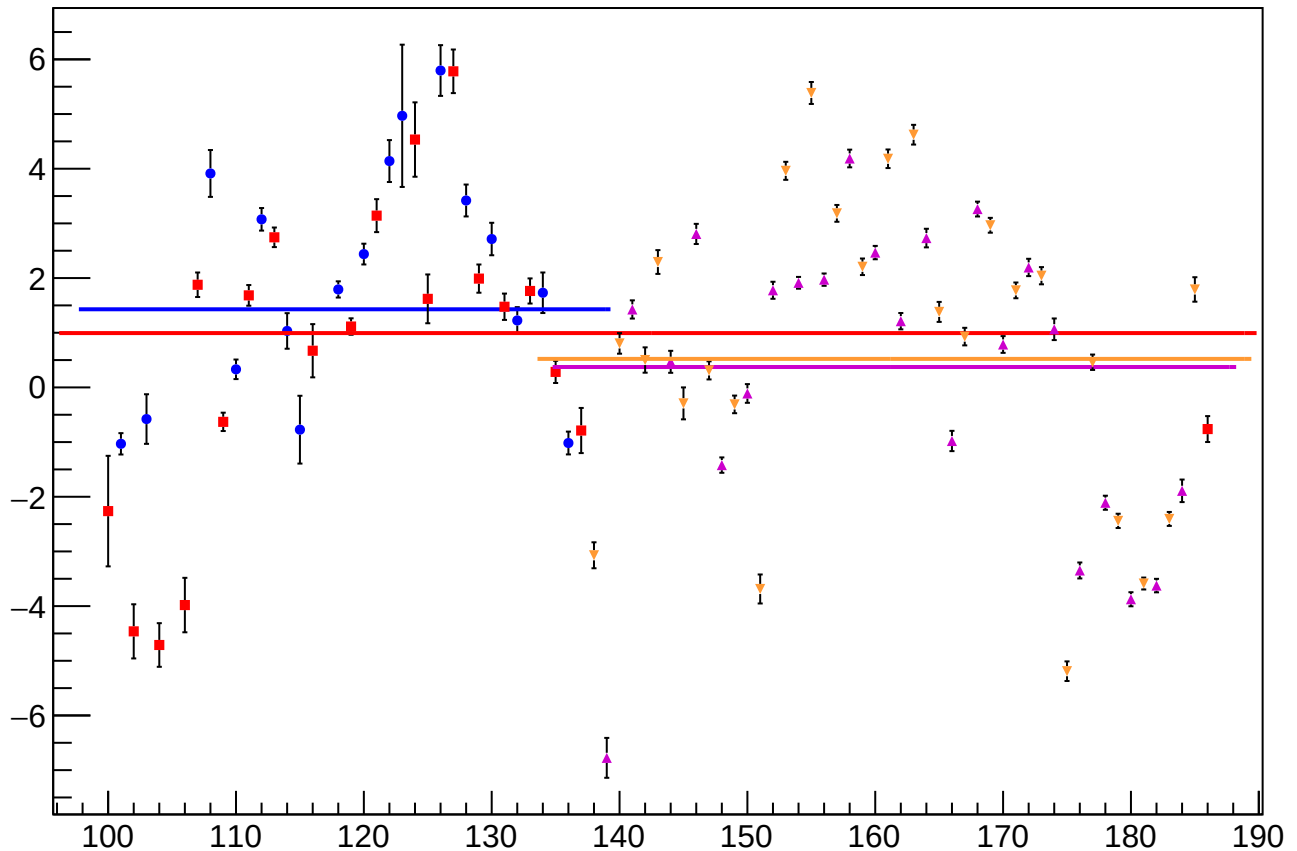
Left In: -17.309 $\pm$ 0.039 χ^2 /NDF: 43807.0/22

+ 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

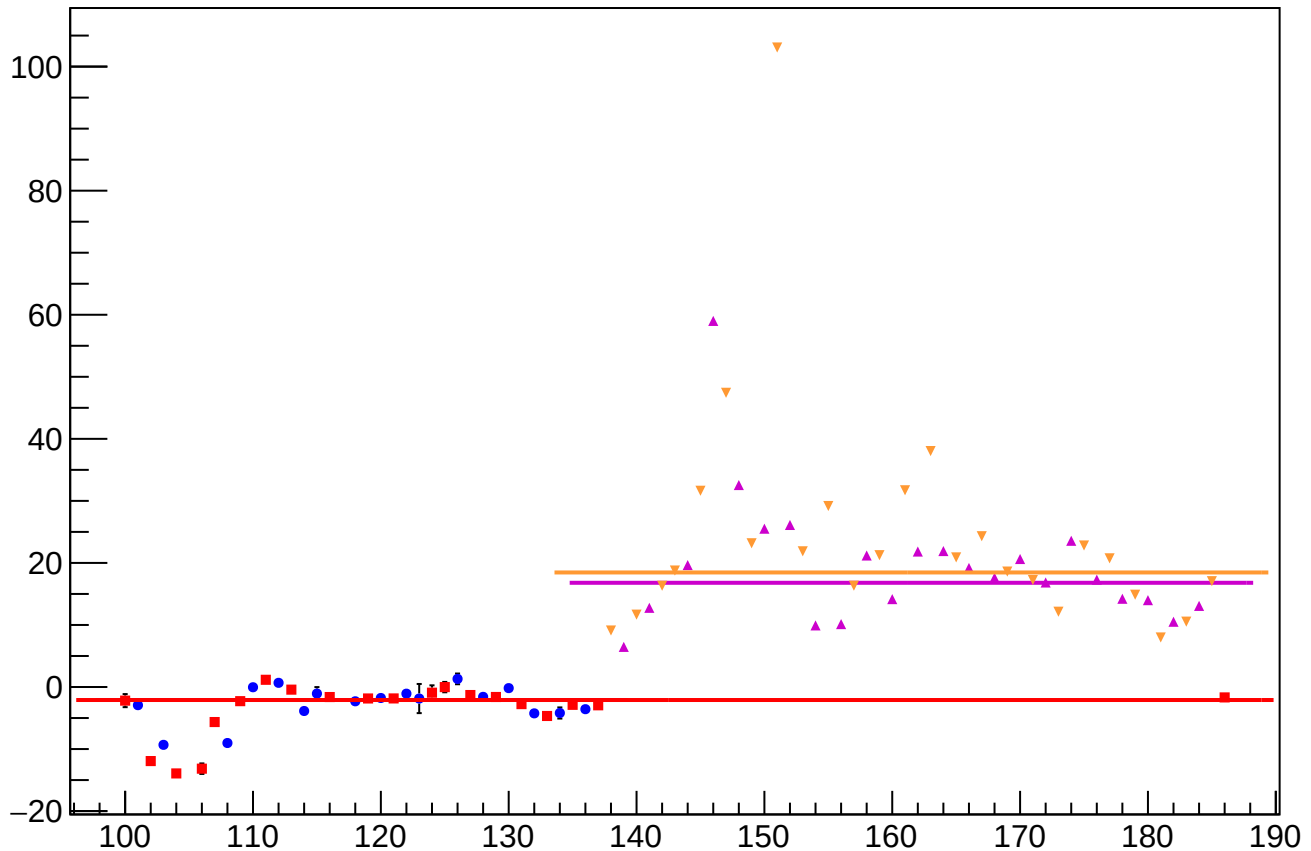
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.721 ± 0.029 χ^2/NDF : 7915.7/41

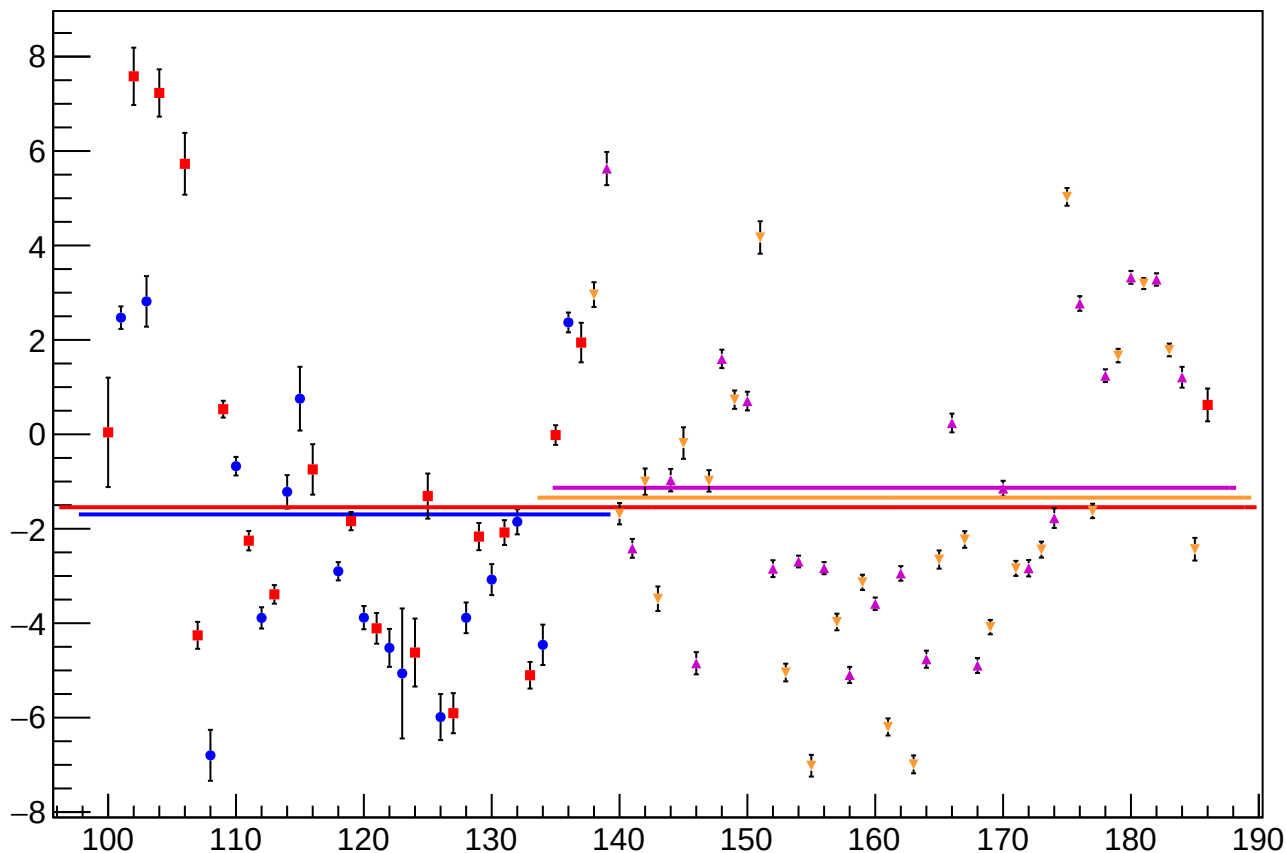
All: 0.612 ± 0.020 χ^2/NDF : 15290.7/84

- 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 χ^2/NDF : 1333.3/16

Left Out: -1.341 ± 0.037 χ^2/NDF : 7886.0/24

Right Out: -1.544 ± 0.066 χ^2/NDF : 1507.6/19

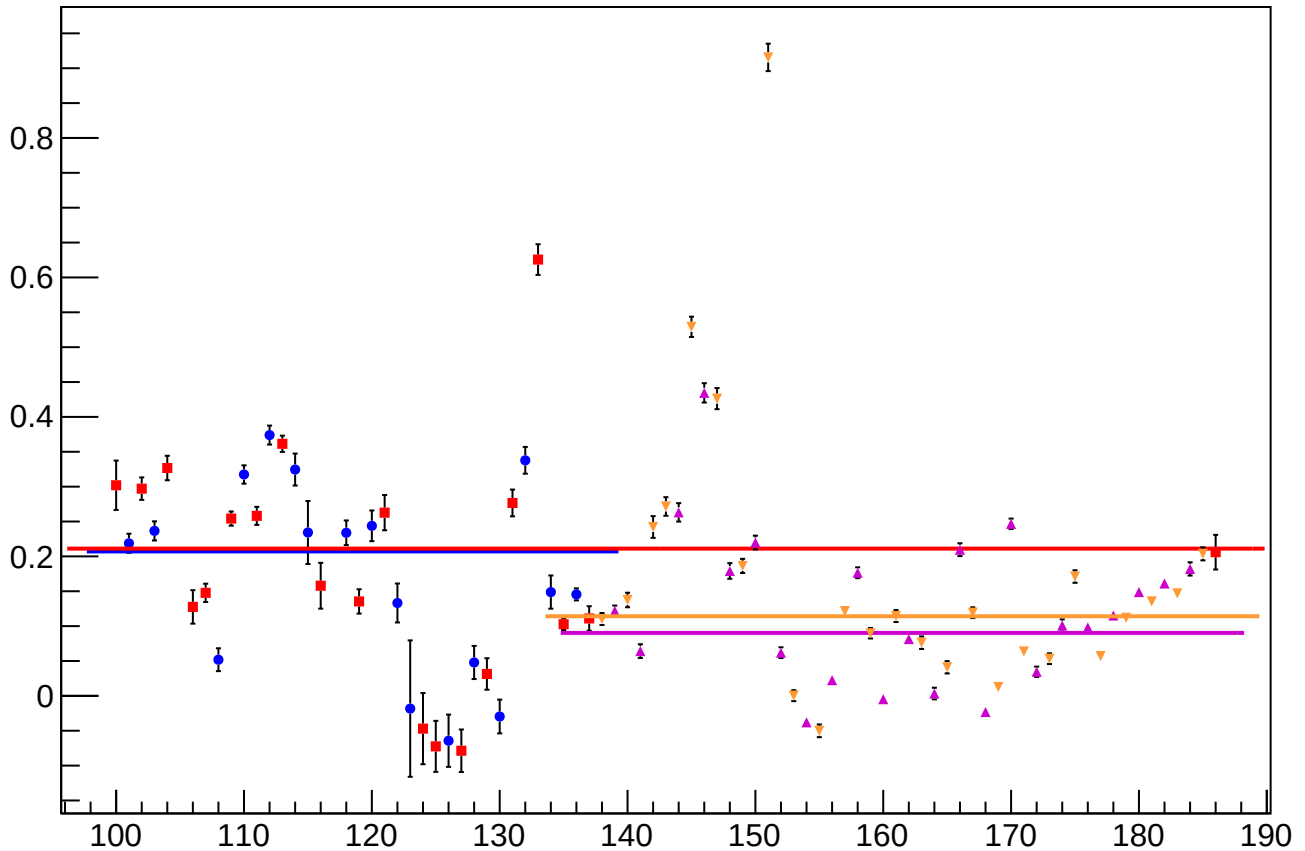
Left In: -1.132 ± 0.035 χ^2/NDF : 6743.4/22

+ sign -1.415 ± 0.033 χ^2/NDF : 9238.8/41

All: -1.313 ± 0.022 χ^2/NDF : 17539.0/84

- sign -1.222 ± 0.031 χ^2/NDF : 8281.7/42

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 $\chi^2/\text{NDF}: 656.3/16$

Left Out: 0.114 ± 0.002 $\chi^2/\text{NDF}: 4382.5/24$

Right Out: 0.211 ± 0.004 $\chi^2/\text{NDF}: 1145.7/19$

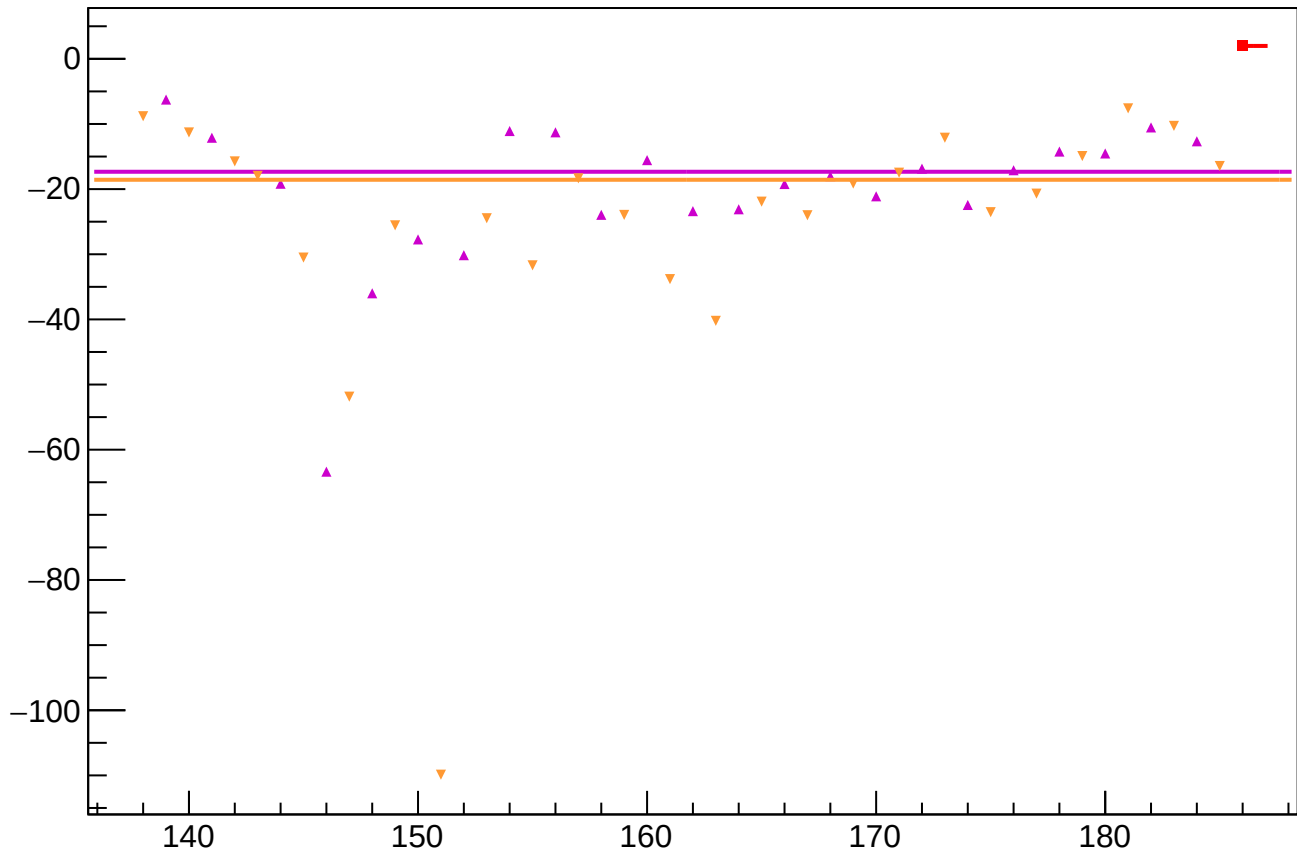
Left In: 0.090 ± 0.002 $\chi^2/\text{NDF}: 3679.2/22$

+ sign 0.126 ± 0.002 $\chi^2/\text{NDF}: 5464.5/41$

All: 0.116 ± 0.001 $\chi^2/\text{NDF}: 11274.6/84$

- sign 0.108 ± 0.001 $\chi^2/\text{NDF}: 5730.1/42$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -18.565 ± 0.040 χ^2/NDF : 86349.5/24

Right Out: 1.981 ± 0.193 χ^2/NDF : 0.0/0

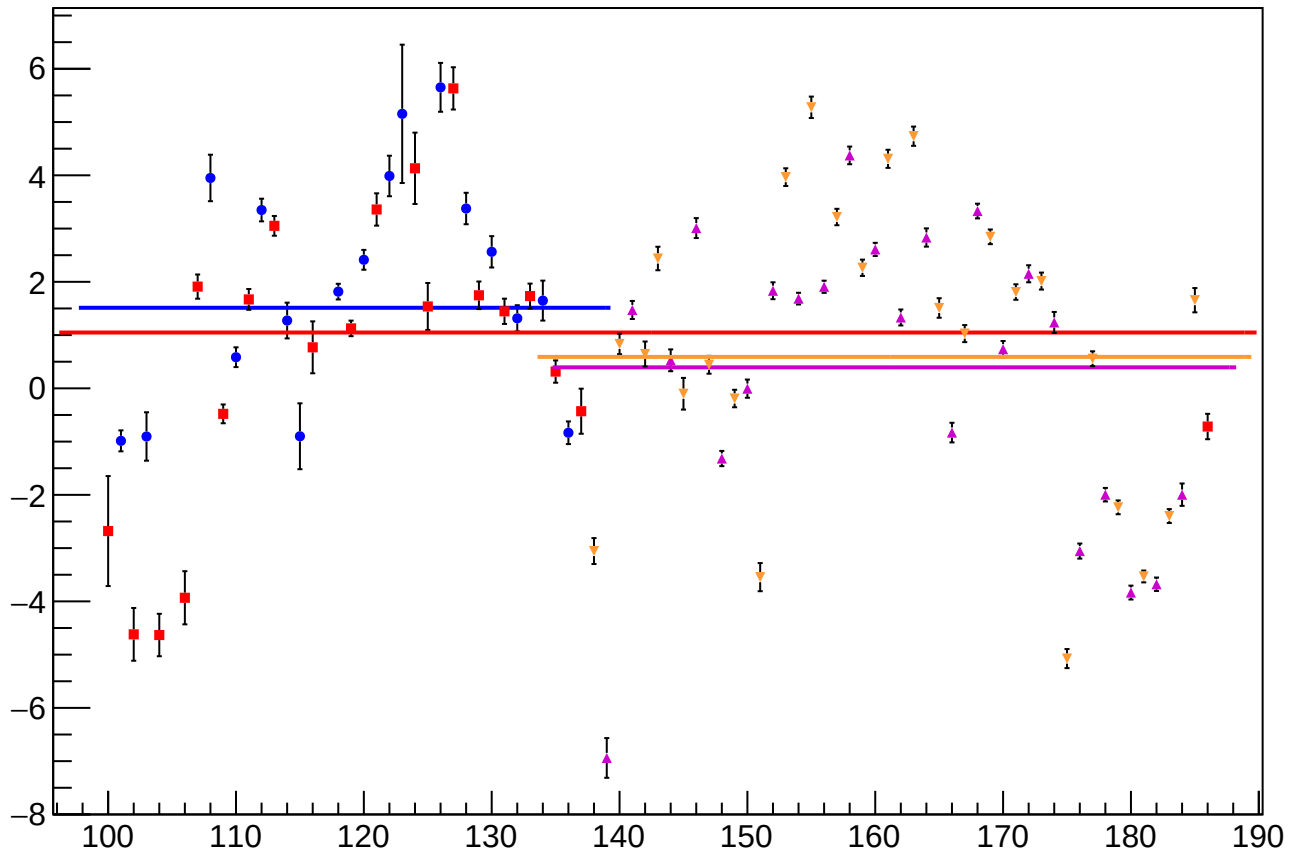
Left In: -17.335 ± 0.039 χ^2/NDF : 44078.7/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.525 ± 0.028 χ^2/NDF : 141301.6/48

- sign -16.574 ± 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

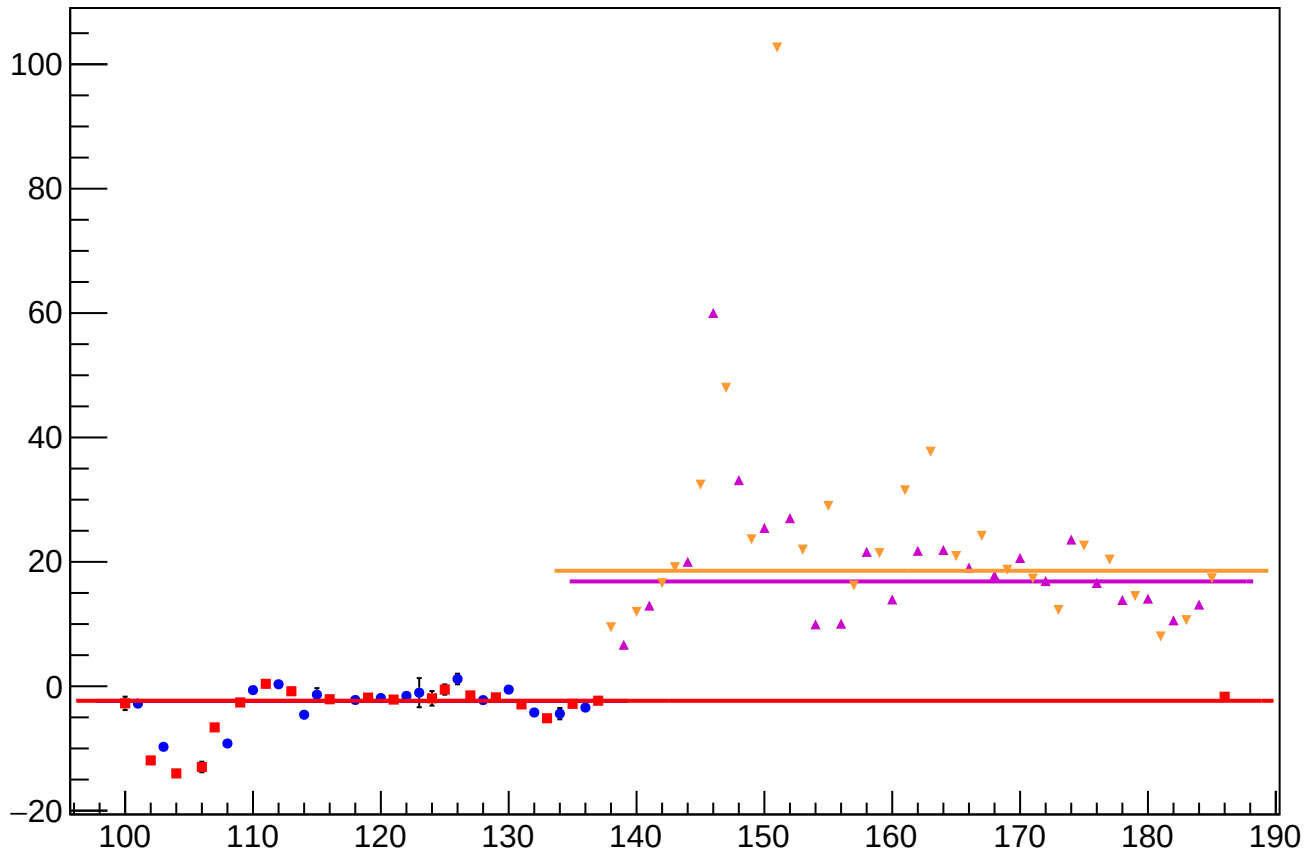
Left In: 0.394 $\pm$ 0.032 χ^2/NDF : 6112.7/22

+ sign 0.794 $\pm$ 0.029 χ^2/NDF : 7618.8/41

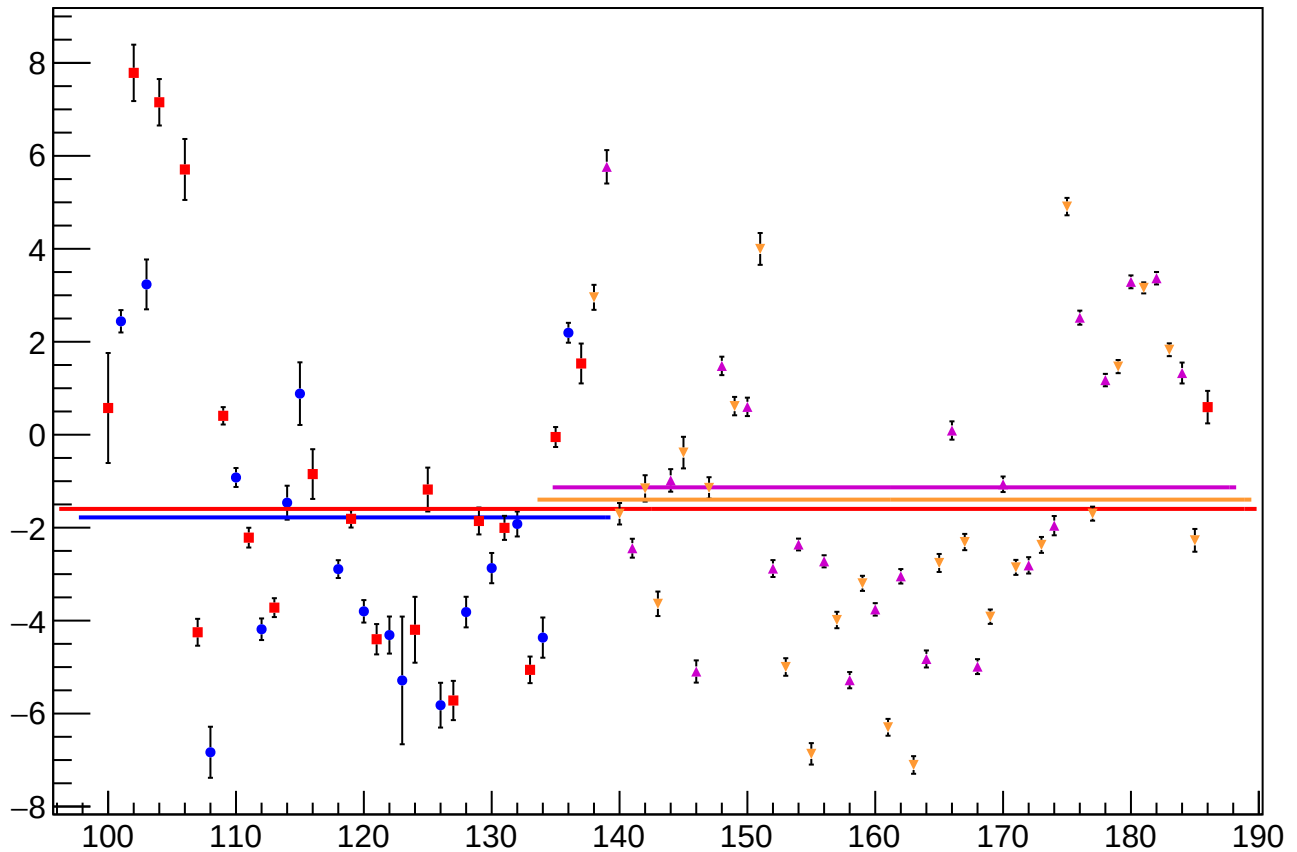
All: 0.661 $\pm$ 0.020 χ^2/NDF : 14842.4/84

- 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

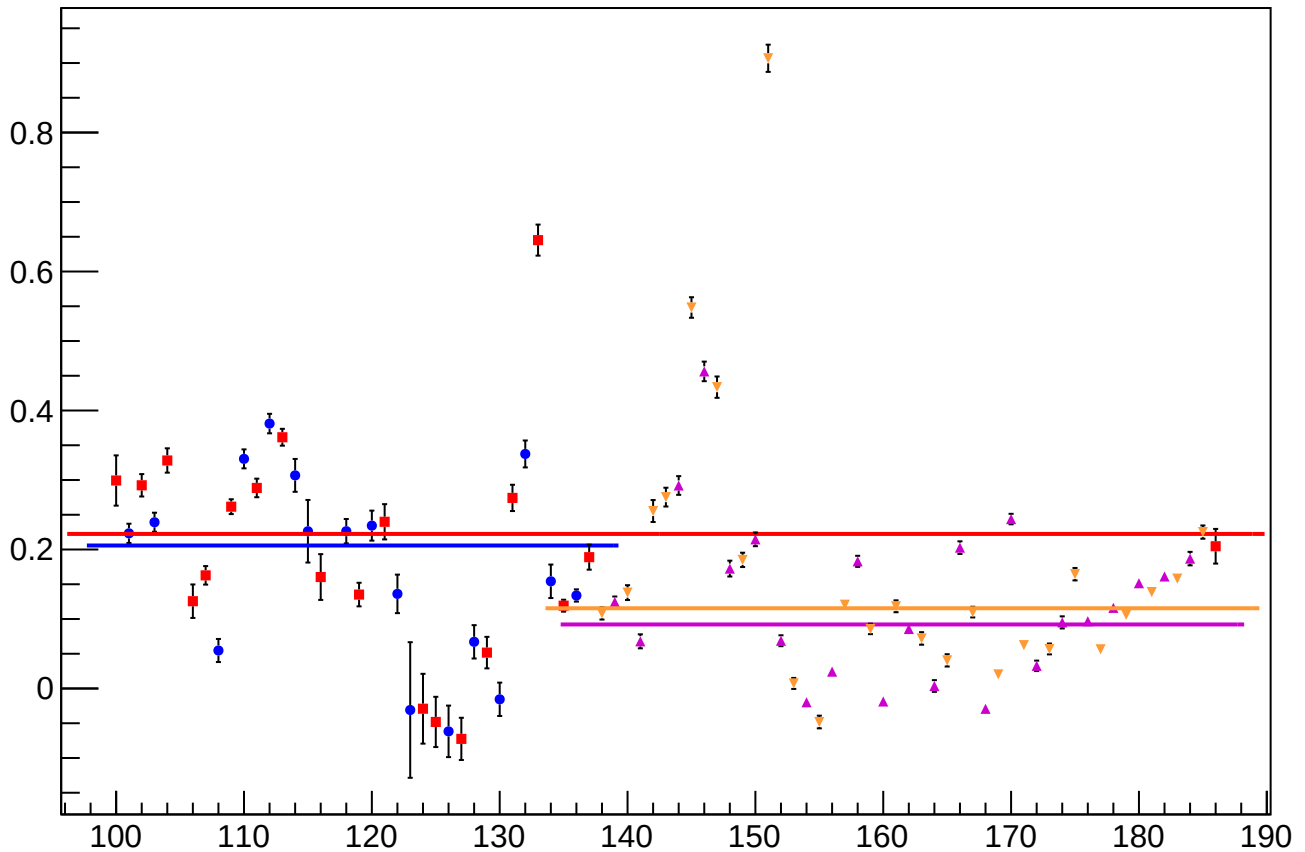
Left In: -1.132+/-0.035 χ^2/NDF : 6638.3/22

+ 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