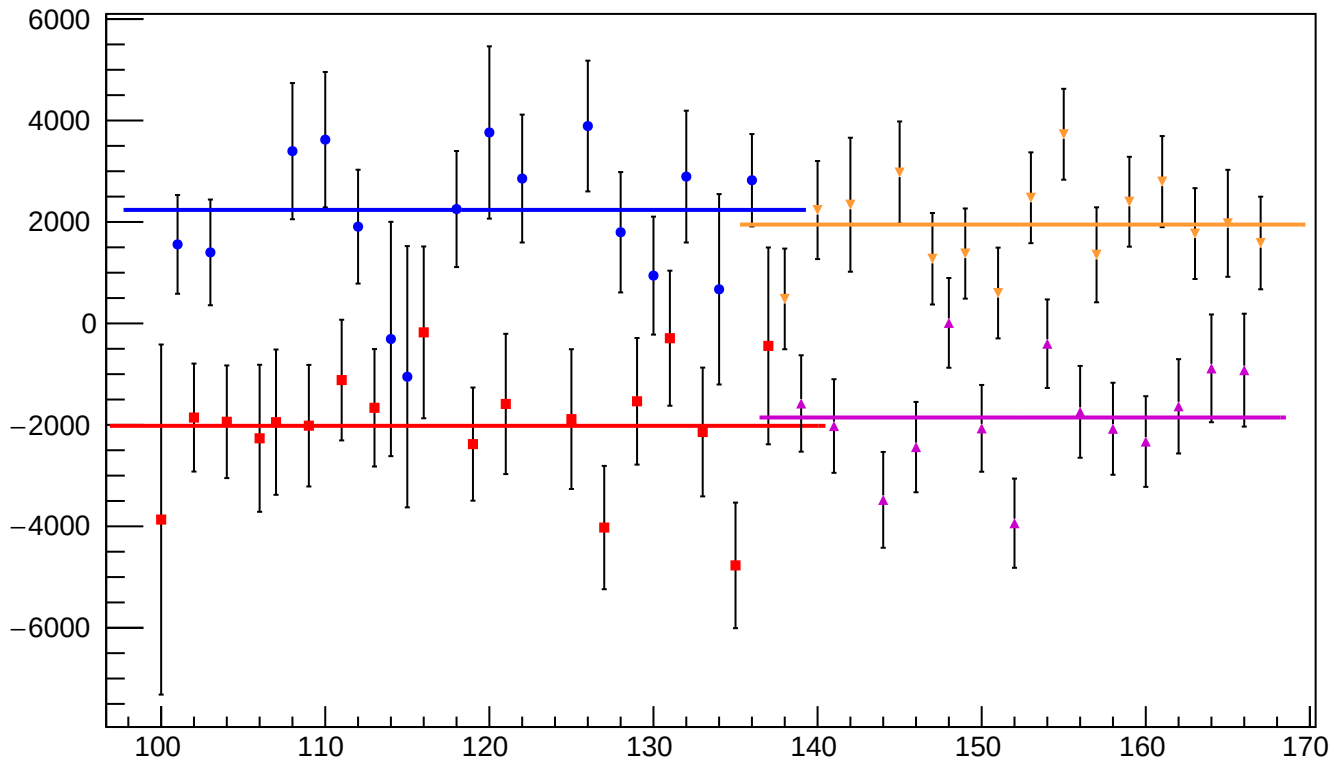


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 1948.782+/-243.343

χ^2/NDF : 12.7/14

Right Out: -2018.625+/-308.362

χ^2/NDF : 12.6/17

Left In: -1854.168+/-246.512

χ^2/NDF : 18.4/13

+ sign 2057.002+/-192.491

χ^2/NDF : 24.5/30

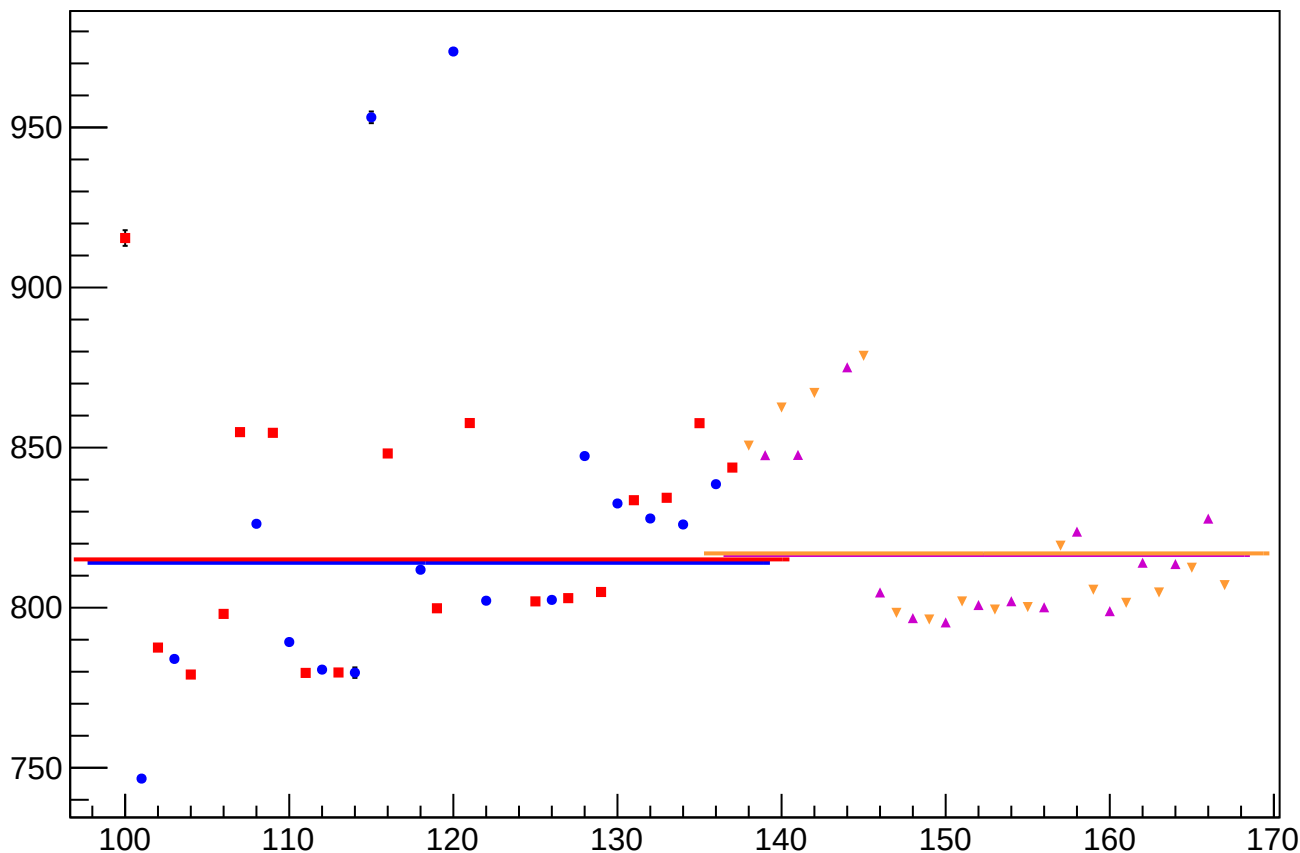
All: 69.940+/-136.132

χ^2/NDF : 268.8/62

- sign -1918.290+/-192.548

χ^2/NDF : 31.1/31

dit_asym_us_avg_rms vs Slug



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

Left Out: 816.955 $\pm$ 0.172 χ^2 /NDF: 22665.1/14

Right Out: 815.084 $\pm$ 0.218 χ^2 /NDF: 19959.3/17

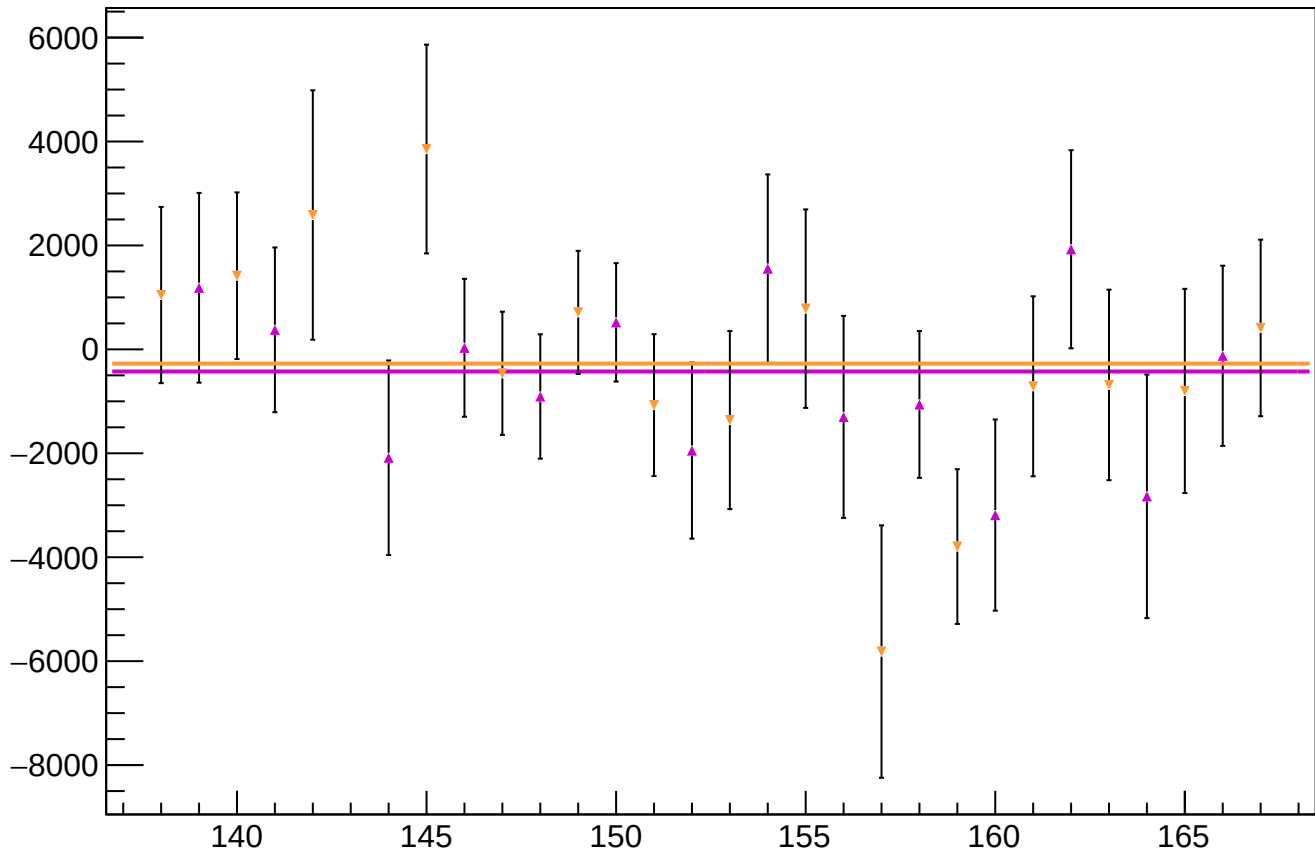
Left In: 816.455 $\pm$ 0.174 χ^2 /NDF: 17671.5/13

+ sign 815.857 $\pm$ 0.136 χ^2 /NDF: 64815.6/30

All: 815.889 $\pm$ 0.096 χ^2 /NDF: 102470.6/62

- sign 815.921 $\pm$ 0.136 χ^2 /NDF: 37654.9/31

asym_us_avg_correction_mean vs Slug



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

Left Out: -273.133+/-422.930 χ^2/NDF :20.3/14

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

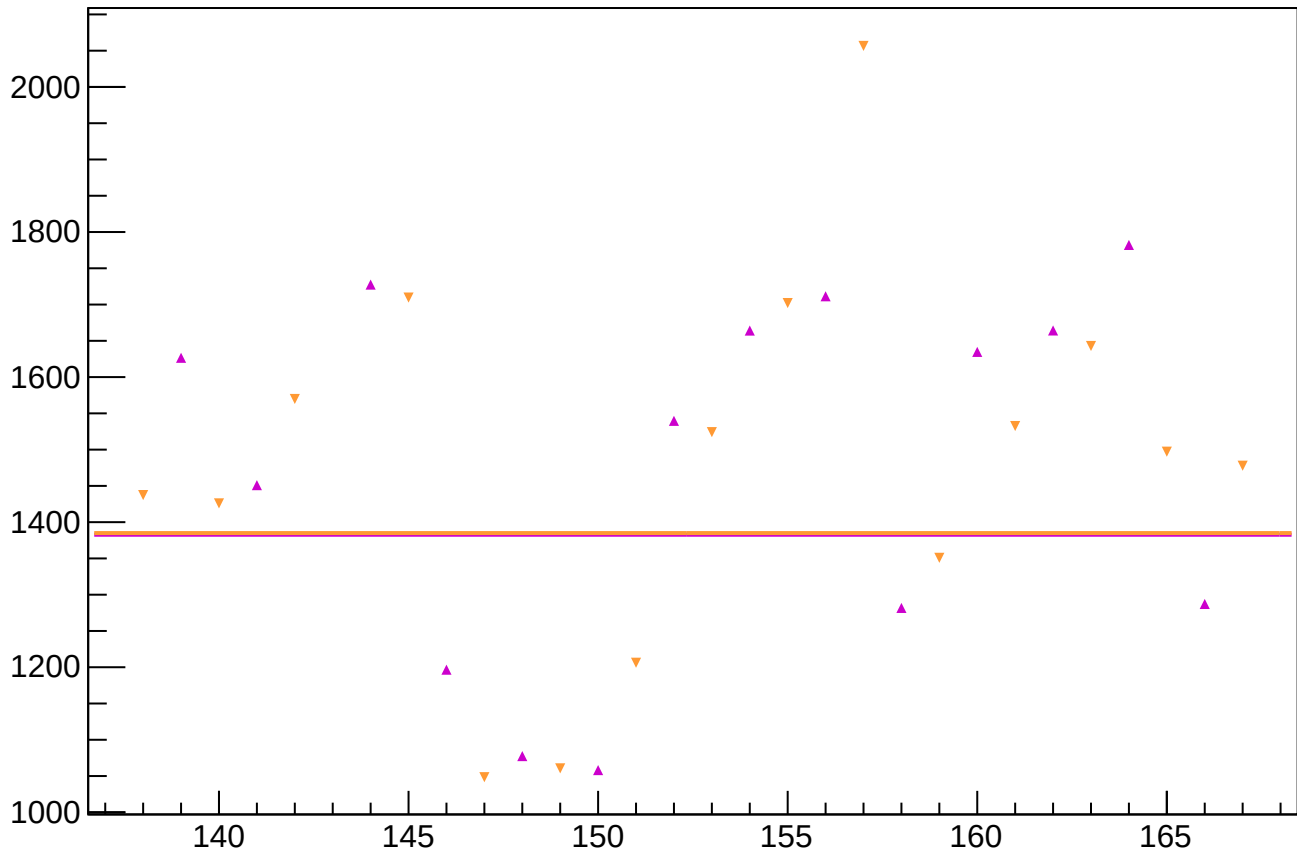
Left In: -425.994+/-425.510 χ^2/NDF :10.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -349.099+/-299.965 χ^2/NDF : 30.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_correction_rms vs Slug



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

Left Out: 1384.971+/-0.299 χ^2/NDF : 701716.0/14

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

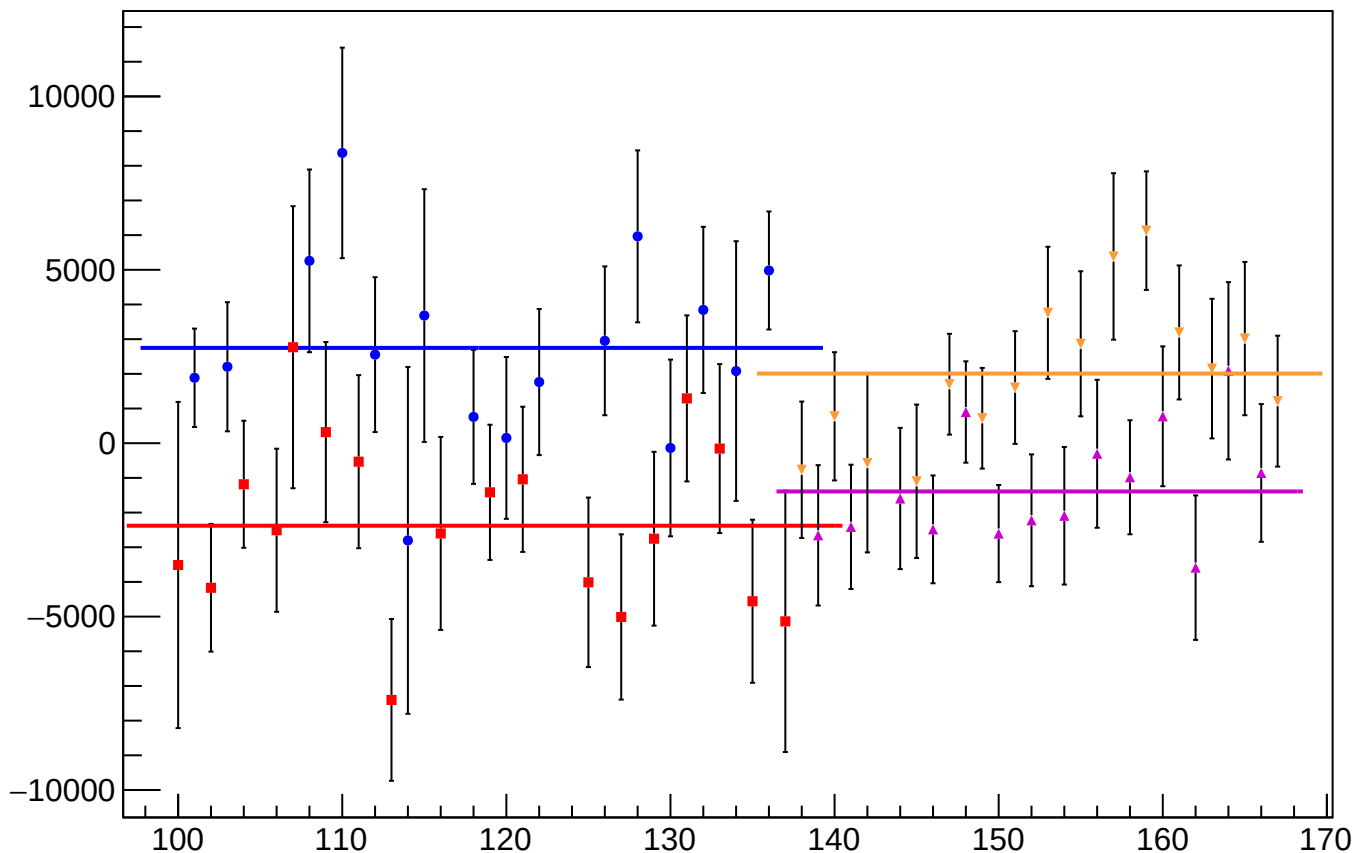
Left In: 1382.655+/-0.301 χ^2/NDF : 716980.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.820+/-0.212 χ^2/NDF : 1418726.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



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

Left Out: 2008.416 $\pm$ 484.937 χ^2 /NDF:15.9/14

Right Out: -2379.450 $\pm$ 568.967 χ^2 /NDF: 16.2/17

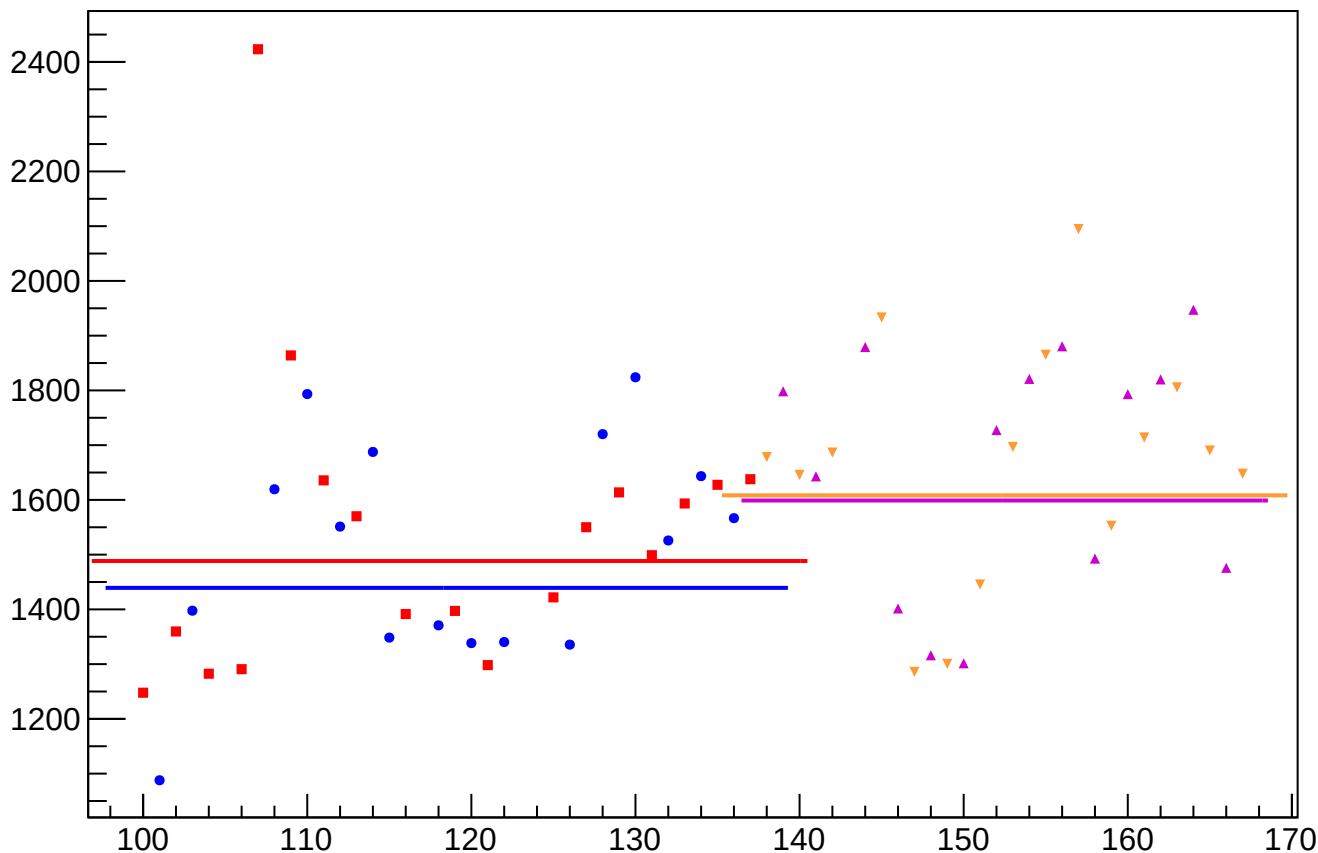
Left In: -1391.117 $\pm$ 488.444 χ^2 /NDF:9.3/13

+ sign 2323.786 $\pm$ 367.412 χ^2 /NDF: 30.4/30

All: 274.581 $\pm$ 260.923 χ^2 /NDF: 120.4/62

- sign -1810.455 $\pm$ 370.610 χ^2 /NDF: 27.2/31

asym_us_avg_rms vs Slug



Right In: 1439.332+/-0.398 χ^2/NDF : 277860.8/15

Left Out: 1608.360+/-0.343 χ^2/NDF : 404272.4/14

Right Out: 1488.384+/-0.402 χ^2/NDF : 256324.7/17

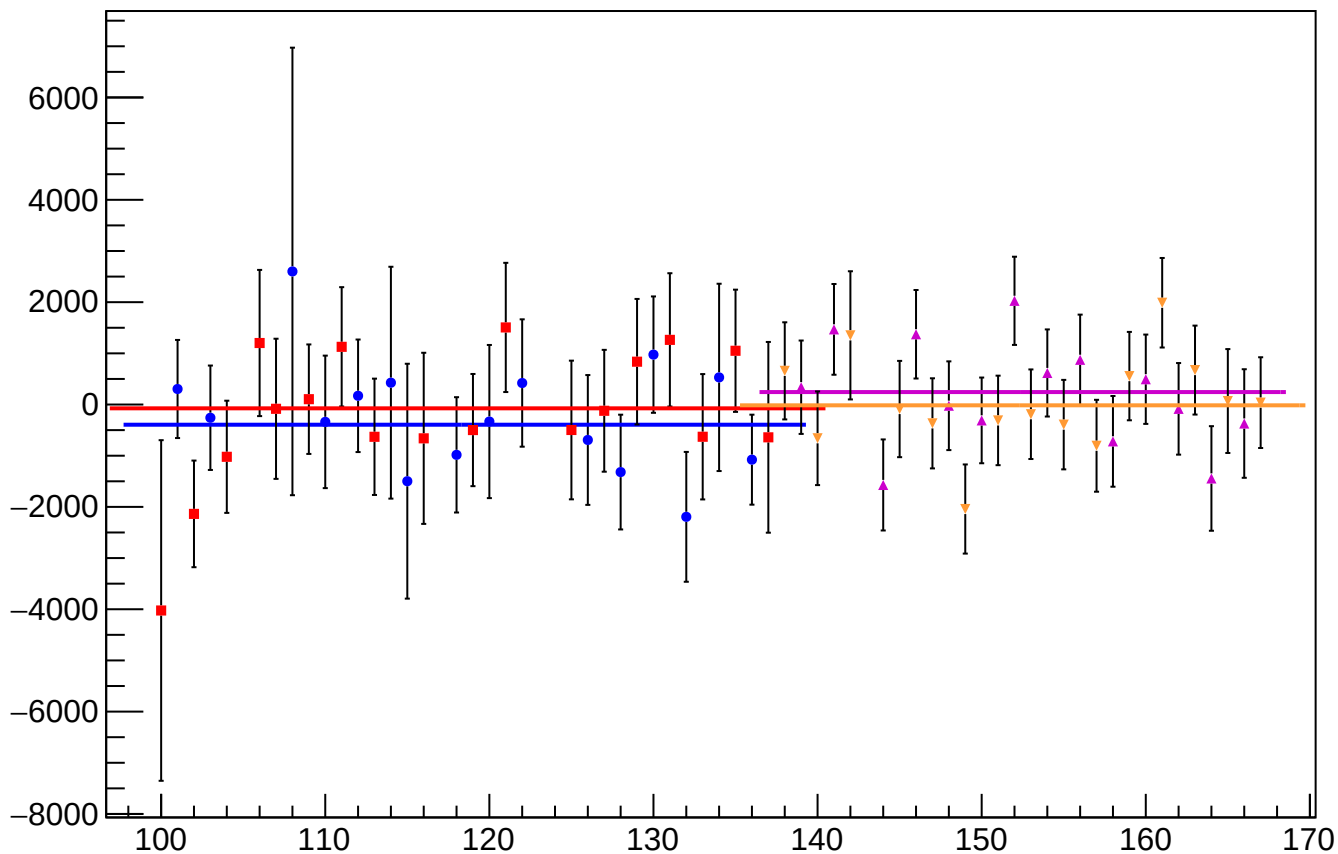
Left In: 1598.917+/-0.345 χ^2/NDF : 419093.1/13

+ sign 1536.359+/-0.260 χ^2/NDF : 785636.4/30

All: 1544.121+/-0.185 χ^2/NDF : 1506310.5/62

- sign 1552.019+/-0.262 χ^2/NDF : 718873.3/31

dit_asym_us_dd_mean vs Slug



Right In: -394.364 ± 313.174 $\chi^2/\text{NDF}: 7.4/15$

Left Out: -15.323 ± 235.321 $\chi^2/\text{NDF}: 15.2/14$

Right Out: -74.289 ± 298.398 $\chi^2/\text{NDF}: 12.9/17$

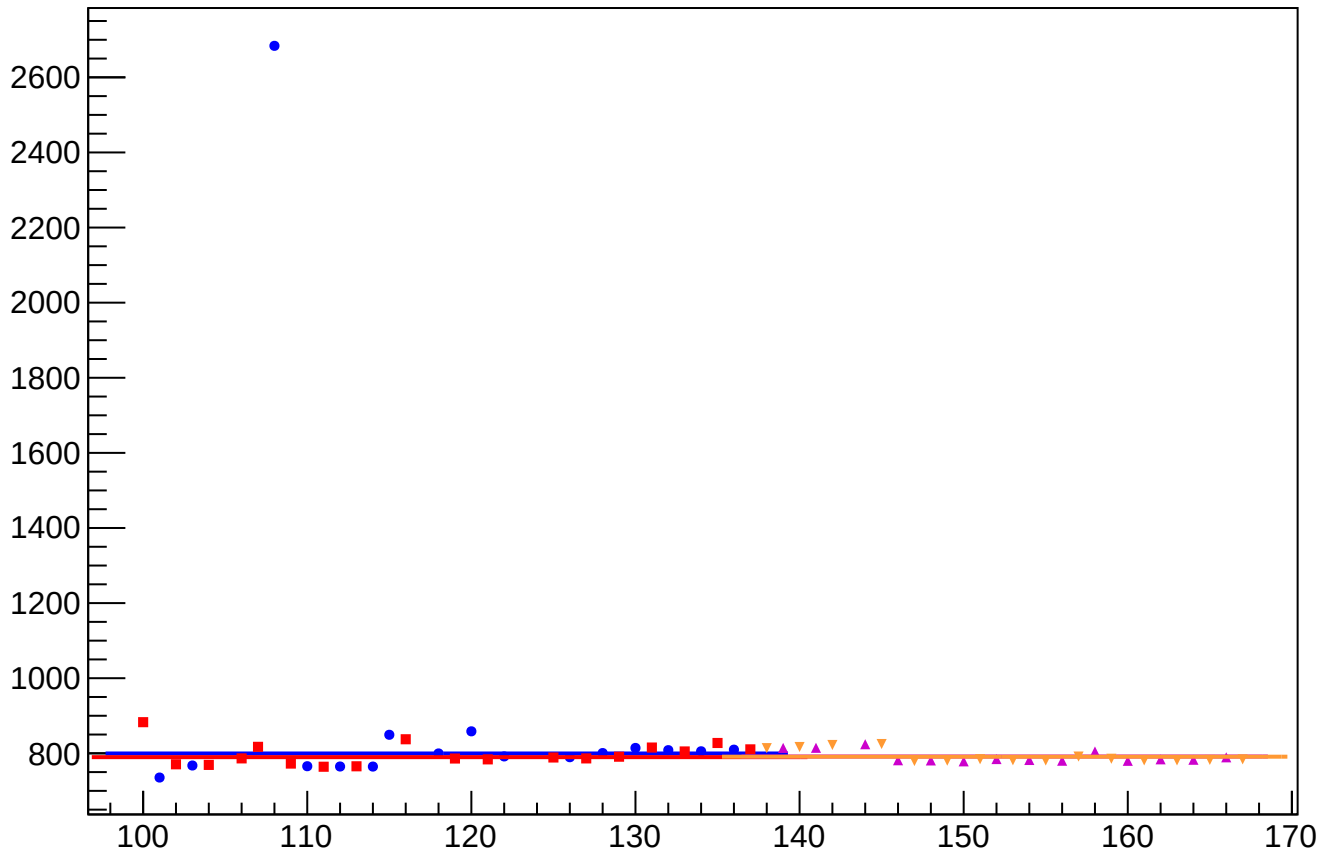
Left In: 243.597 ± 238.875 $\chi^2/\text{NDF}: 17.8/13$

+ sign -152.105 ± 188.130 $\chi^2/\text{NDF}: 23.6/30$

All: -15.135 ± 132.442 $\chi^2/\text{NDF}: 56.0/62$

- sign 119.445 ± 186.482 $\chi^2/\text{NDF}: 31.4/31$

dit_asym_us_dd_rms vs Slug



Right In: 799.537 ± 0.221 χ^2/NDF : 391185.9/15

Left Out: 791.014 ± 0.166 χ^2/NDF : 8695.8/14

Right Out: 789.794 ± 0.211 χ^2/NDF : 11174.9/17

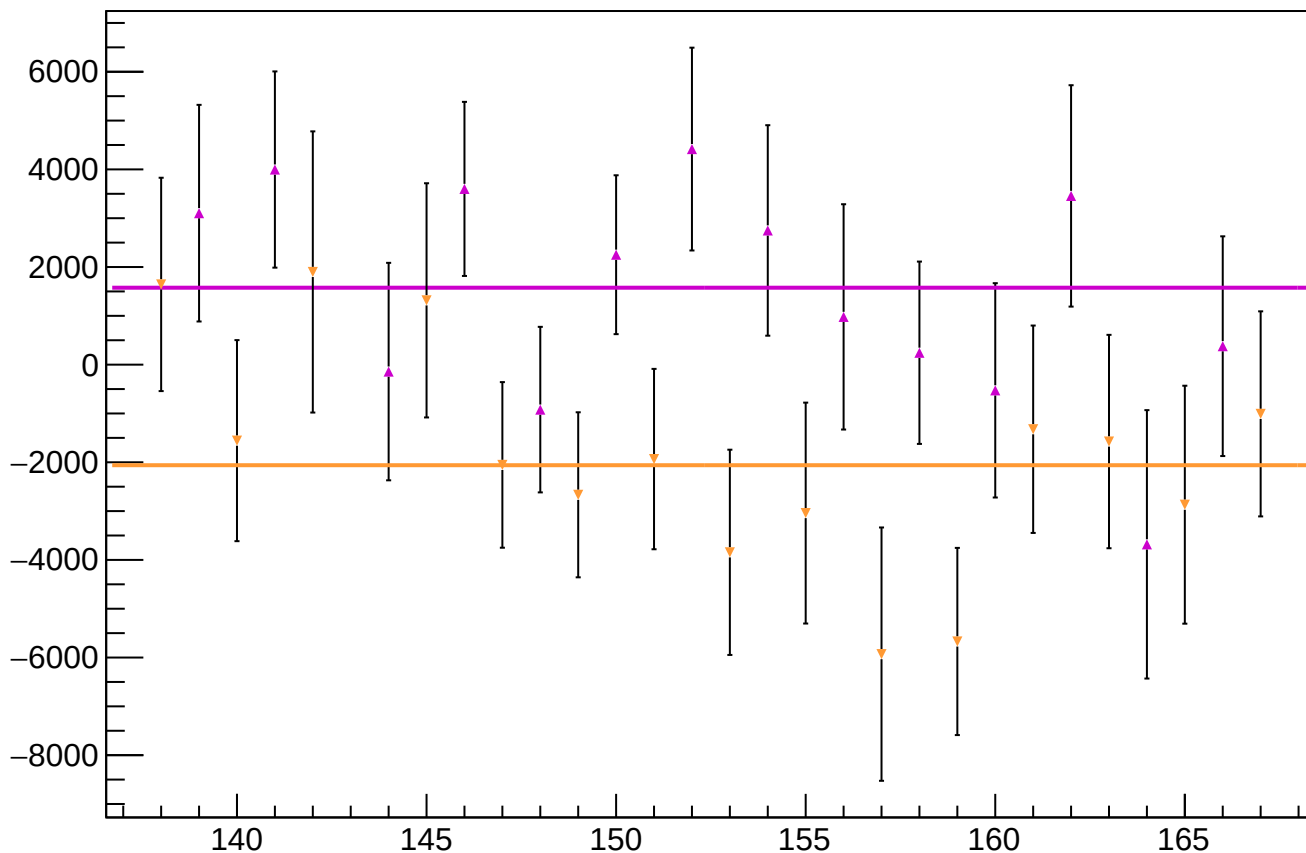
Left In: 791.462 ± 0.169 χ^2/NDF : 8127.9/13

+ sign 794.090 ± 0.133 χ^2/NDF : 400828.5/30

All: 792.436 ± 0.094 χ^2/NDF : 420475.9/62

- sign 790.811 ± 0.132 χ^2/NDF : 19340.9/31

asym_us_dd_correction_mean vs Slug



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

Left Out: -2060.048+/-542.484 χ^2/NDF : 14.1/14

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

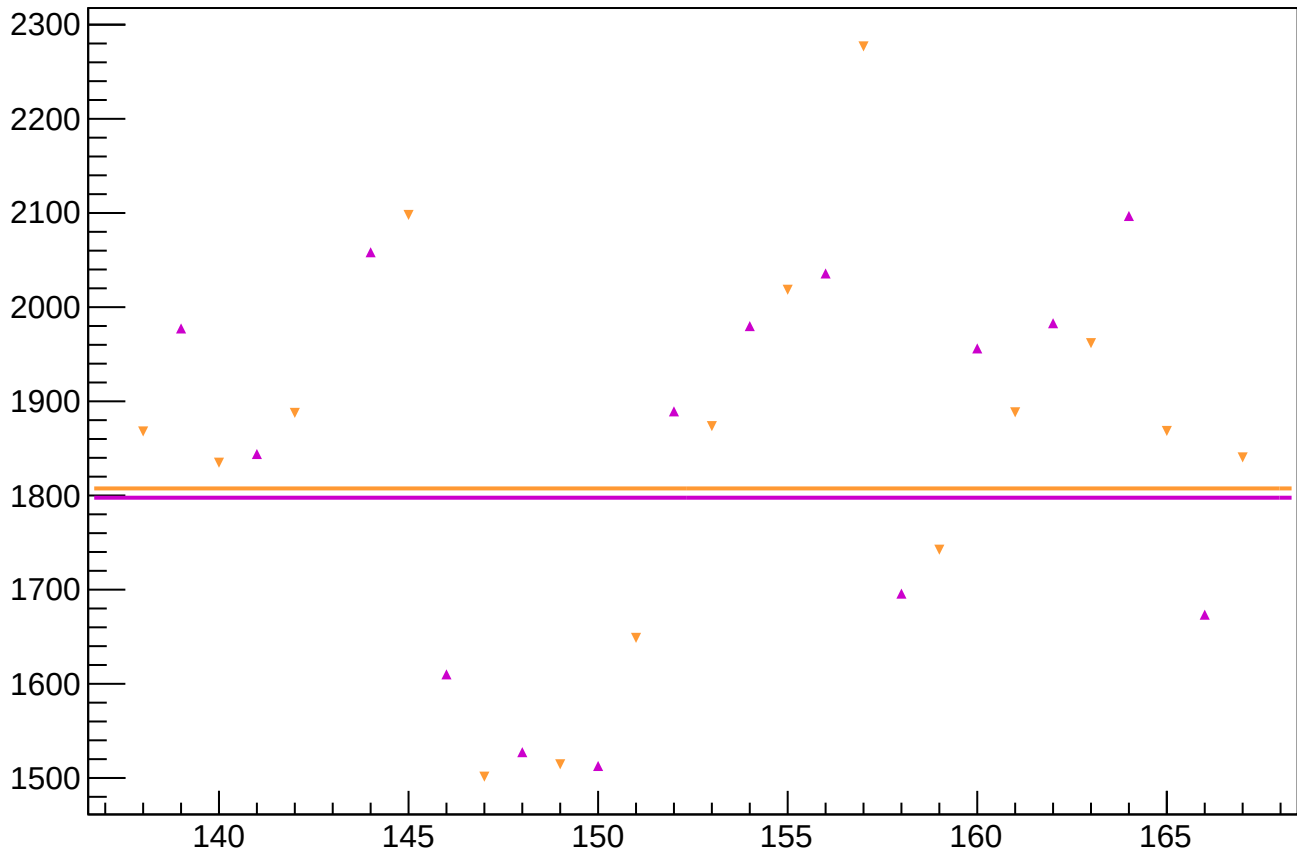
Left In: 1576.259+/-546.764 χ^2/NDF : 14.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.181+/-385.099 χ^2/NDF : 50.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_correction_rms vs Slug



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

Left Out: 1807.498+/-0.384 χ^2/NDF : 274432.4/14

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

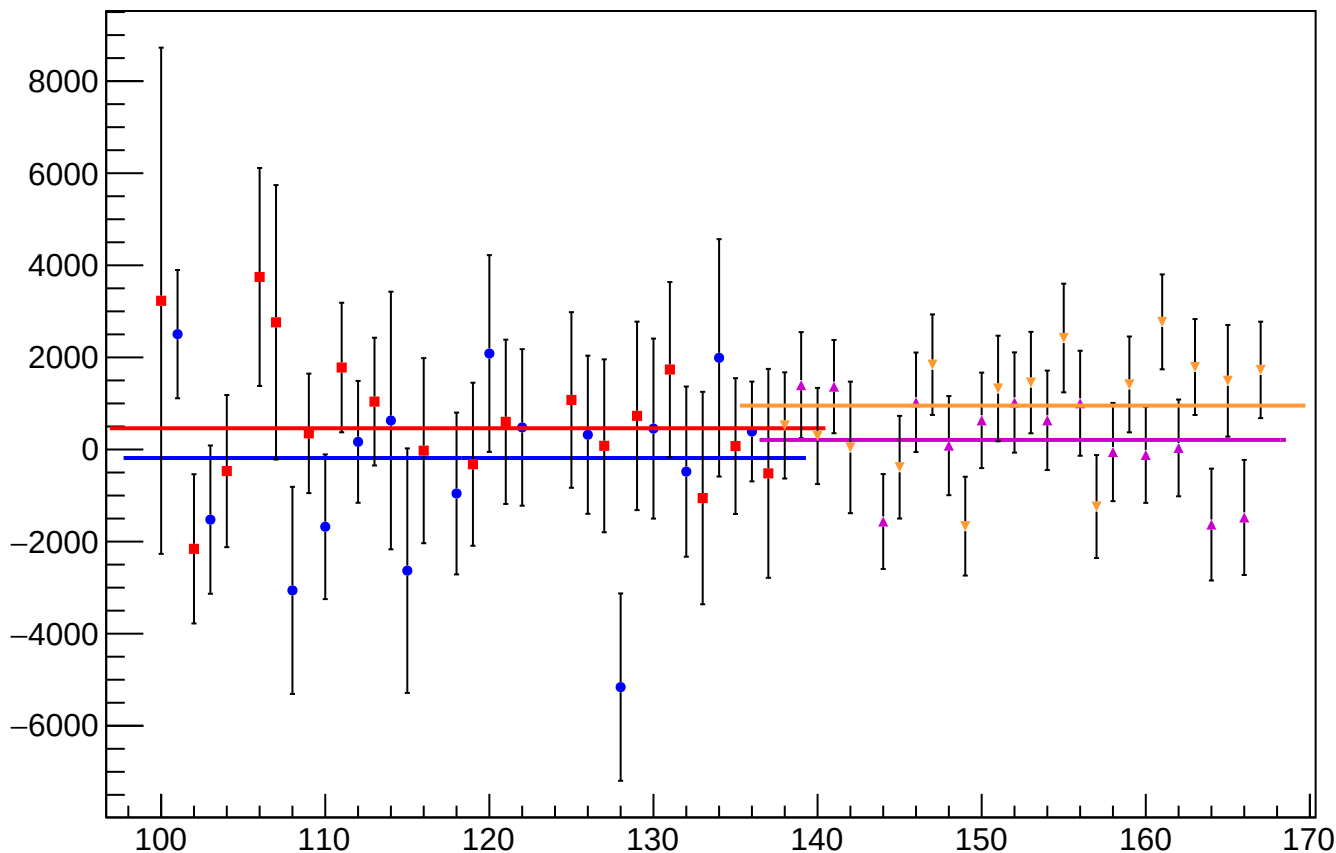
Left In: 1797.639+/-0.387 χ^2/NDF : 274794.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1802.607+/-0.272 χ^2/NDF : 549554.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_mean vs Slug



Right In: -185.054 ± 431.495 $\chi^2/\text{NDF}: 16.6/15$

Left Out: 953.235 ± 286.885 $\chi^2/\text{NDF}: 19.4/14$

Right Out: 461.253 ± 426.921 $\chi^2/\text{NDF}: 8.3/17$

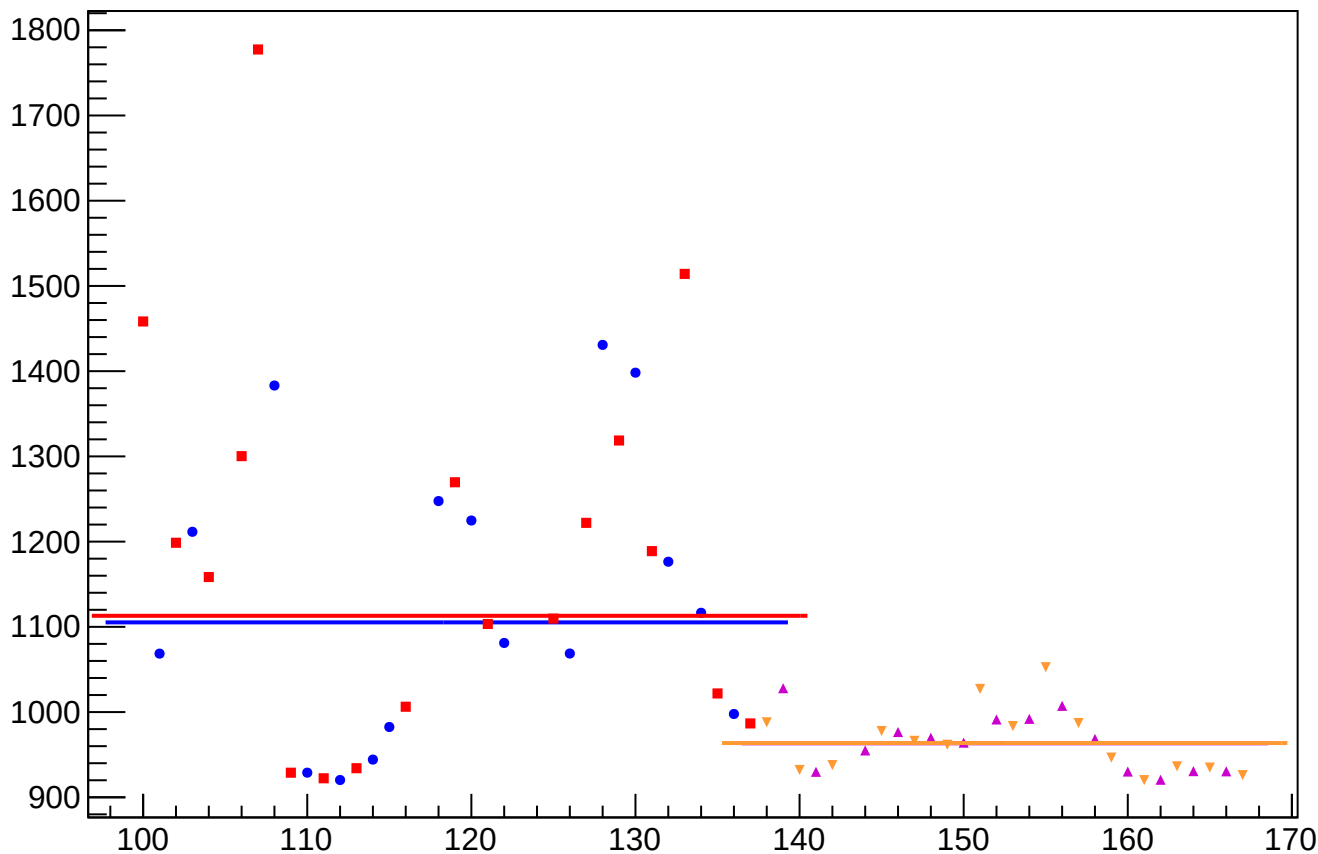
Left In: 207.723 ± 290.920 $\chi^2/\text{NDF}: 11.6/13$

+ sign 604.305 ± 238.901 $\chi^2/\text{NDF}: 40.9/30$

All: 447.207 ± 169.459 $\chi^2/\text{NDF}: 61.9/62$

- sign 288.120 ± 240.409 $\chi^2/\text{NDF}: 20.1/31$

asym_us_dd_rms vs Slug



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

Left Out: 963.670 $\pm$ 0.203 χ^2 /NDF: 31938.1/14

Right Out: 1112.974 $\pm$ 0.302 χ^2 /NDF: 362995.4/17

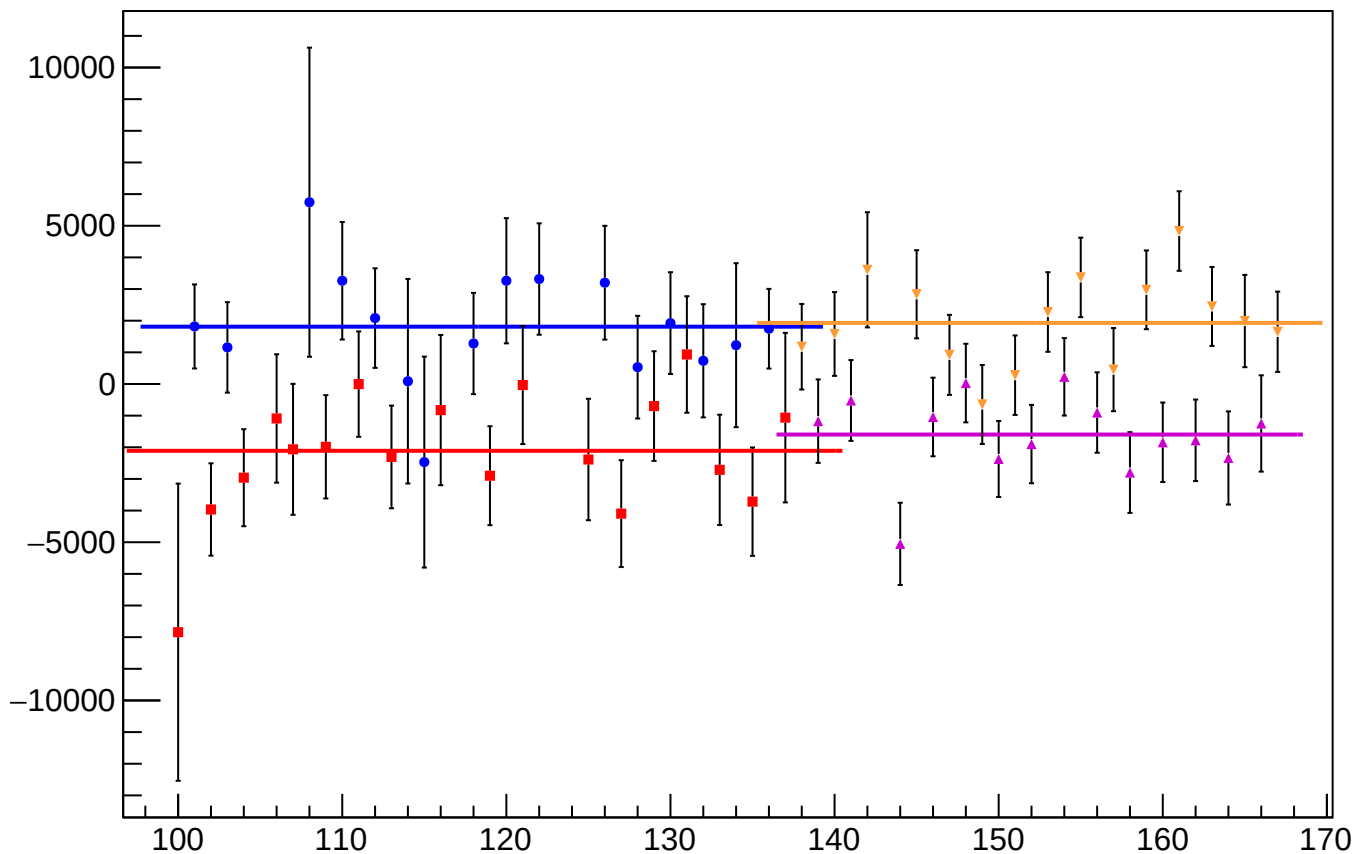
Left In: 963.369 $\pm$ 0.206 χ^2 /NDF: 22907.0/13

+ sign 1007.065 $\pm$ 0.169 χ^2 /NDF: 436589.7/30

All: 1008.926 $\pm$ 0.120 χ^2 /NDF: 990455.4/62

- sign 1010.810 $\pm$ 0.170 χ^2 /NDF: 553621.6/31

dit_asym_usl_mean vs Slug



Right In: 1811.054+/-442.142 χ^2/NDF : 6.5/15

Left Out: 1930.240+/-339.086 χ^2/NDF : 17.2/14

Right Out: -2111.004+/-427.676 χ^2/NDF : 13.0/17

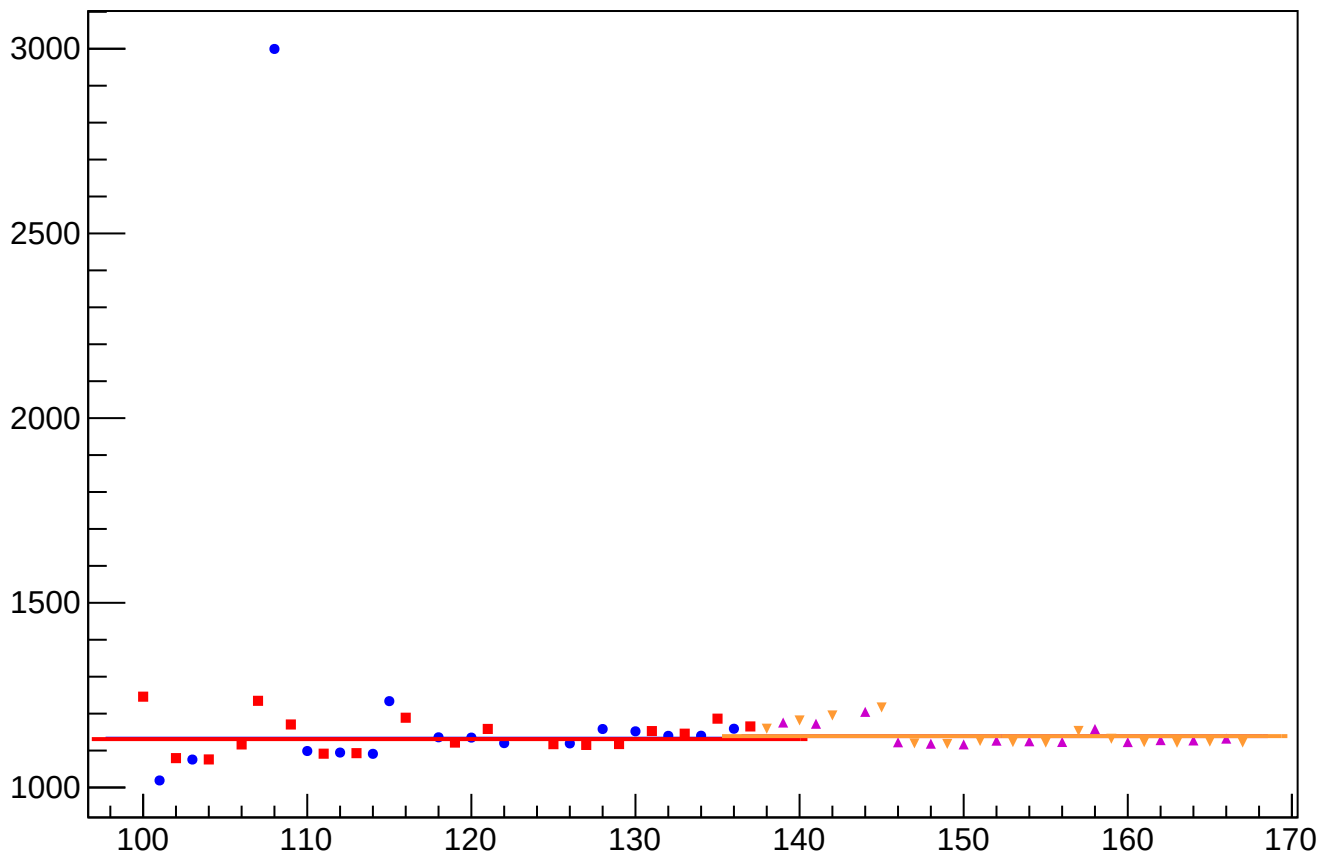
Left In: -1597.475+/-343.880 χ^2/NDF : 14.0/13

+ sign 1886.100+/-269.068 χ^2/NDF : 23.7/30

All: 36.110+/-189.879 χ^2/NDF : 145.8/62

- sign -1799.116+/-267.993 χ^2/NDF : 27.9/31

dit_asym_usl_rms vs Slug



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

Left Out: 1139.083 $\pm$ 0.240 χ^2 /NDF:14247.2/14

Right Out: 1131.016 $\pm$ 0.302 χ^2 /NDF: 19719.1/17

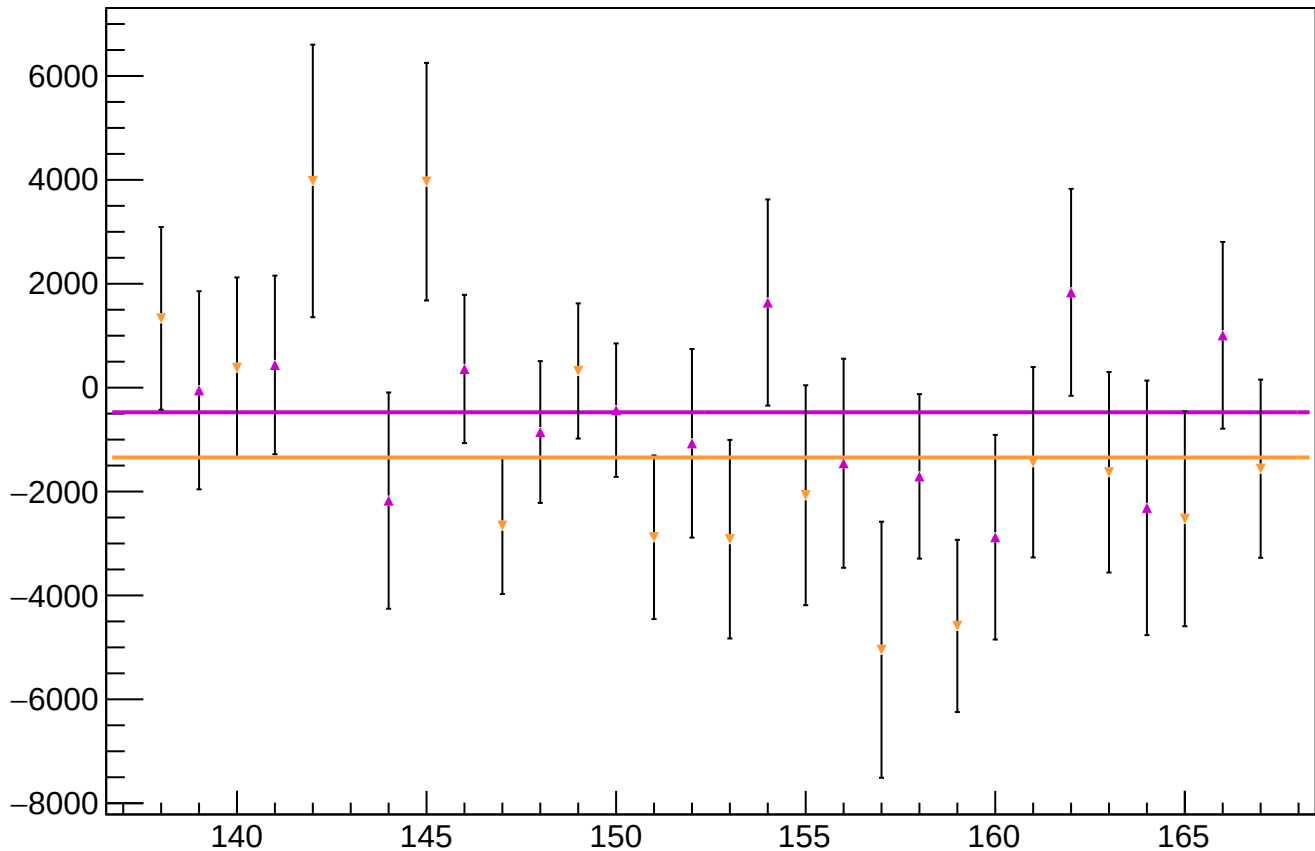
Left In: 1139.195 $\pm$ 0.243 χ^2 /NDF:11507.8/13

+ sign 1136.488 $\pm$ 0.190 χ^2 /NDF: 330589.9/30

All: 1136.235 $\pm$ 0.134 χ^2 /NDF: 362264.6/62

- sign 1135.984 $\pm$ 0.189 χ^2 /NDF: 31671.2/31

asym_usl_correction_mean vs Slug



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

Left Out: -1344.129+/-459.951 χ^2/NDF : 23.6/14

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

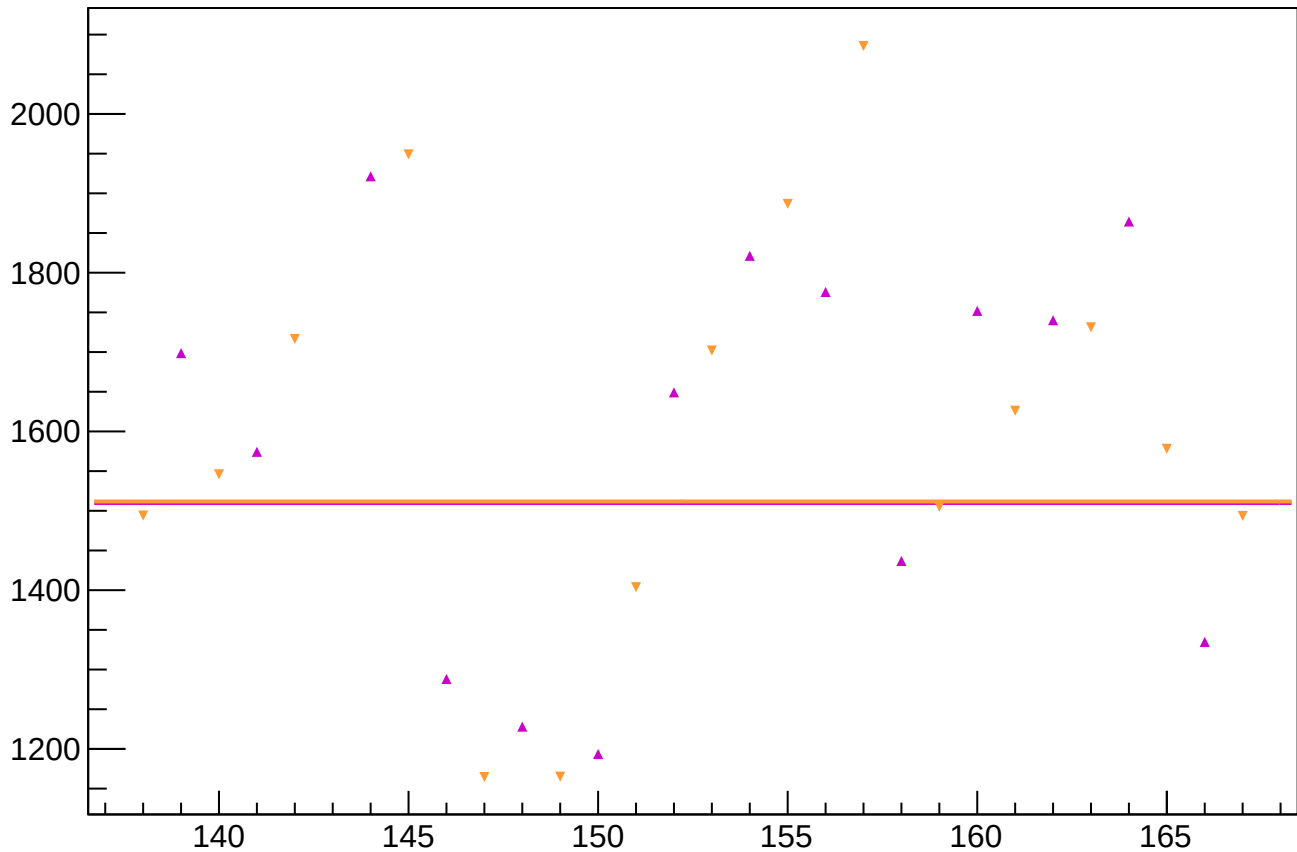
Left In: -474.487+/-462.895 χ^2/NDF : 7.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -912.083+/-326.270 χ^2/NDF : 33.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_correction_rms vs Slug



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

Left Out: 1511.749+/-0.325 χ^2/NDF : 603859.4/14

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

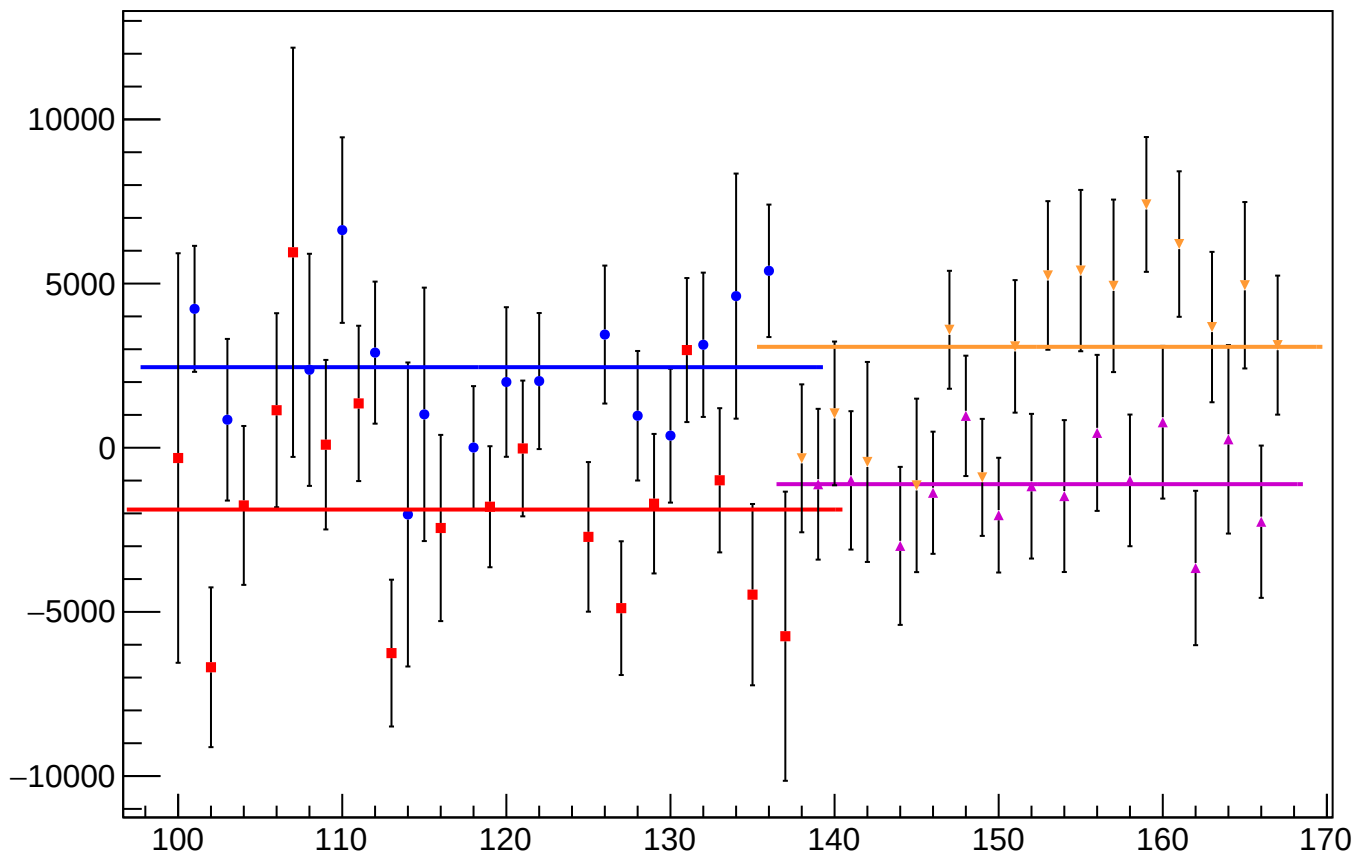
Left In: 1509.899+/-0.327 χ^2/NDF : 573406.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1510.830+/-0.231 χ^2/NDF : 1177281.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2453.670 ± 584.307 $\chi^2/\text{NDF}: 10.8/15$

Left Out: 3073.333 ± 573.230 $\chi^2/\text{NDF}: 21.5/14$

Right Out: -1882.755 ± 583.188 $\chi^2/\text{NDF}: 22.8/17$

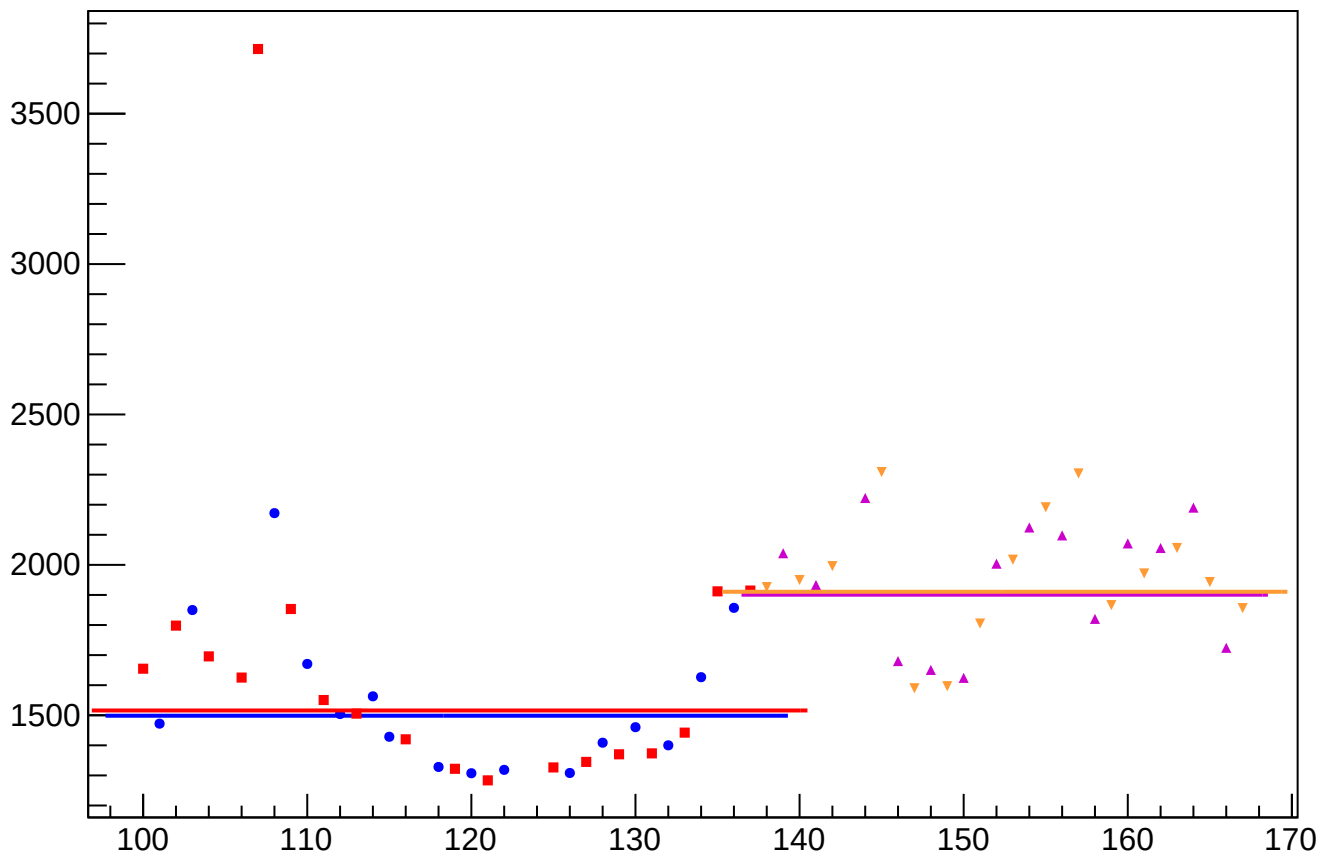
Left In: -1109.520 ± 577.996 $\chi^2/\text{NDF}: 5.0/13$

+ sign 2769.431 ± 409.195 $\chi^2/\text{NDF}: 32.8/30$

All: 645.308 ± 289.815 $\chi^2/\text{NDF}: 115.5/62$

- sign -1492.680 ± 410.528 $\chi^2/\text{NDF}: 28.6/31$

asym_usl_rms vs Slug



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

Left Out: 1910.622+/-0.405 χ^2/NDF : 266588.2/14

Right Out: 1515.949+/-0.412 χ^2/NDF : 480541.4/17

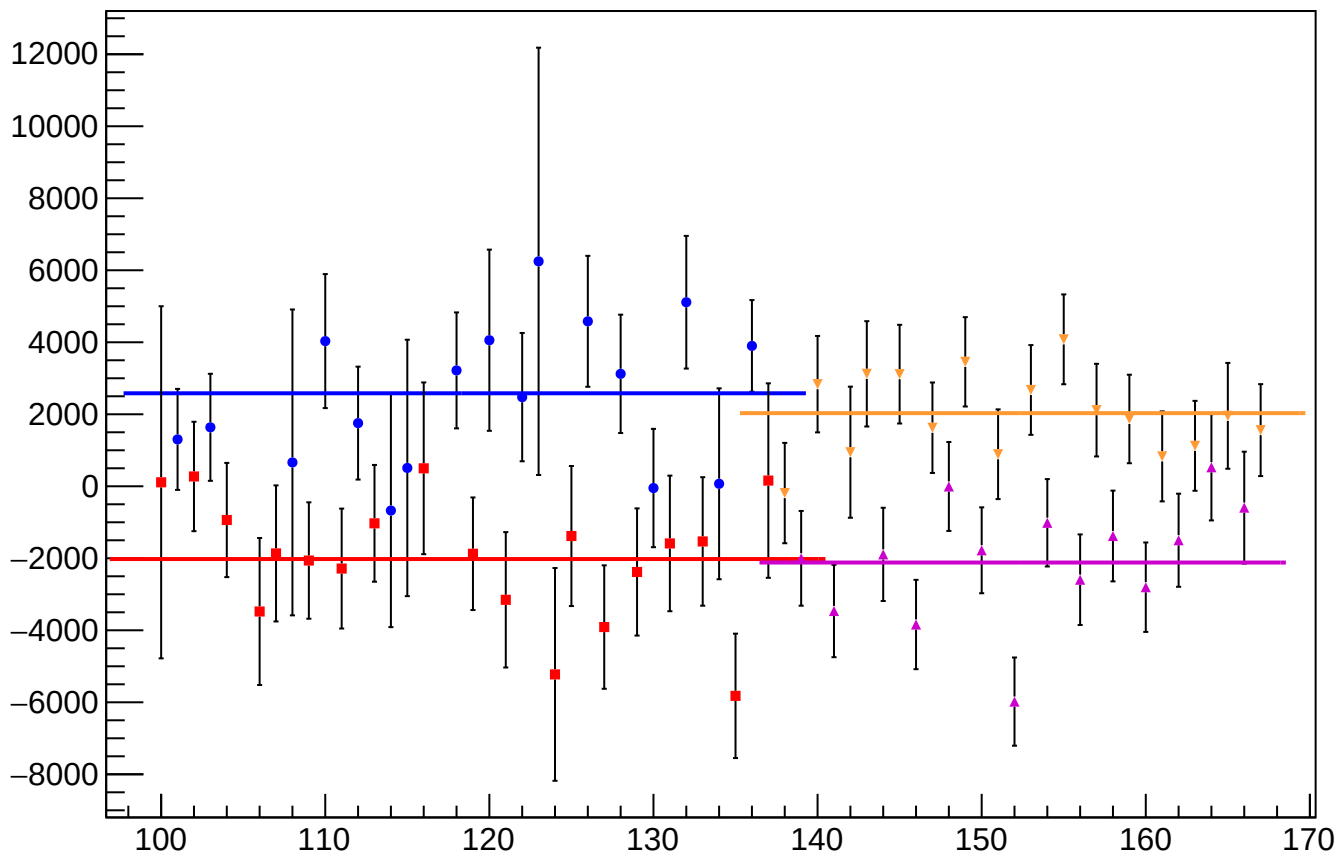
Left In: 1900.874+/-0.409 χ^2/NDF : 250237.9/13

+ sign 1708.497+/-0.289 χ^2/NDF : 1032425.8/30

All: 1709.312+/-0.205 χ^2/NDF : 2202765.2/62

- sign 1710.132+/-0.290 χ^2/NDF : 1170323.4/31

dit_asym_usr_mean vs Slug



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

Left Out: 2031.316 $\pm$ 329.512 χ^2 /NDF: 11.3/15

Right Out: -2020.735 $\pm$ 426.756 χ^2 /NDF: 13.5/18

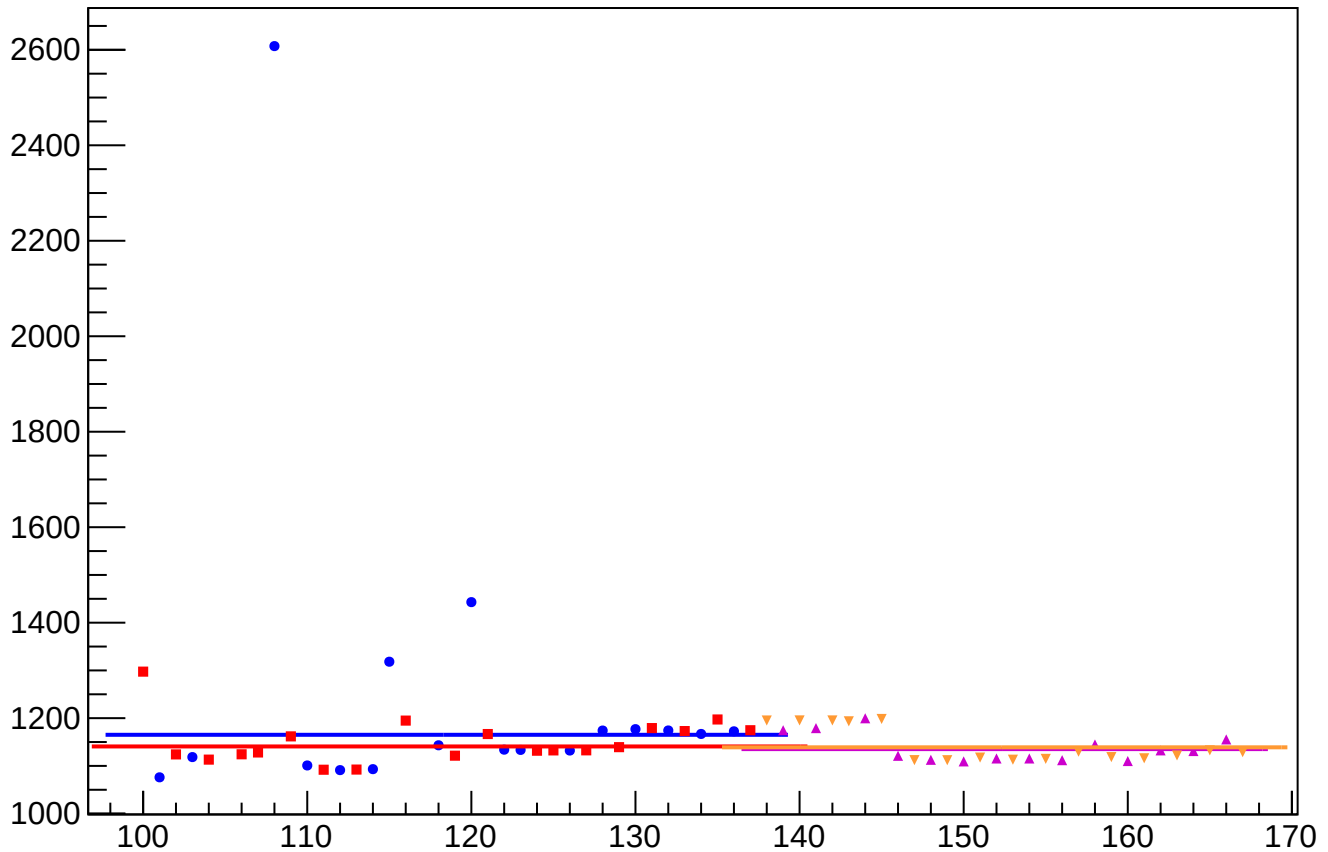
Left In: -2118.047 $\pm$ 342.688 χ^2 /NDF: 22.0/13

+ sign 2222.102 $\pm$ 266.512 χ^2 /NDF: 24.5/32

All: 76.668 $\pm$ 188.696 χ^2 /NDF: 190.0/65

- sign -2079.897 $\pm$ 267.202 χ^2 /NDF: 35.6/32

dit_asym_usr_rms vs Slug



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

Left Out: 1138.911 $\pm$ 0.233 χ^2 /NDF: 21172.4/15

Right Out: 1140.752 $\pm$ 0.302 χ^2 /NDF: 12717.7/18

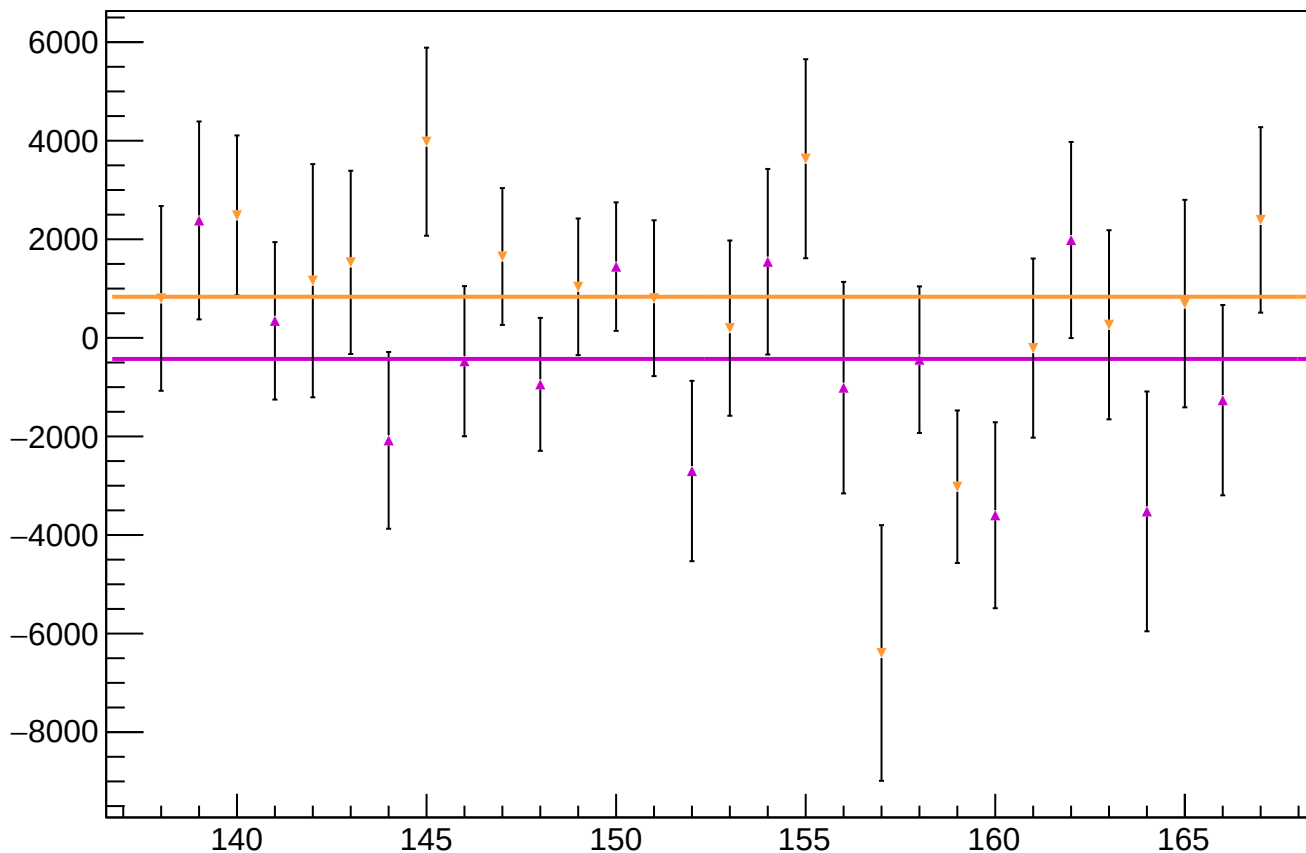
Left In: 1135.192 $\pm$ 0.242 χ^2 /NDF: 13972.9/13

+ sign 1147.984 $\pm$ 0.188 χ^2 /NDF: 304126.9/32

All: 1142.692 $\pm$ 0.133 χ^2 /NDF: 332605.5/65

- sign 1137.371 $\pm$ 0.189 χ^2 /NDF: 26896.9/32

asym_usr_correction_mean vs Slug



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

Left Out: 834.055 $\pm$ 444.671 χ^2 /NDF:21.4/15

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

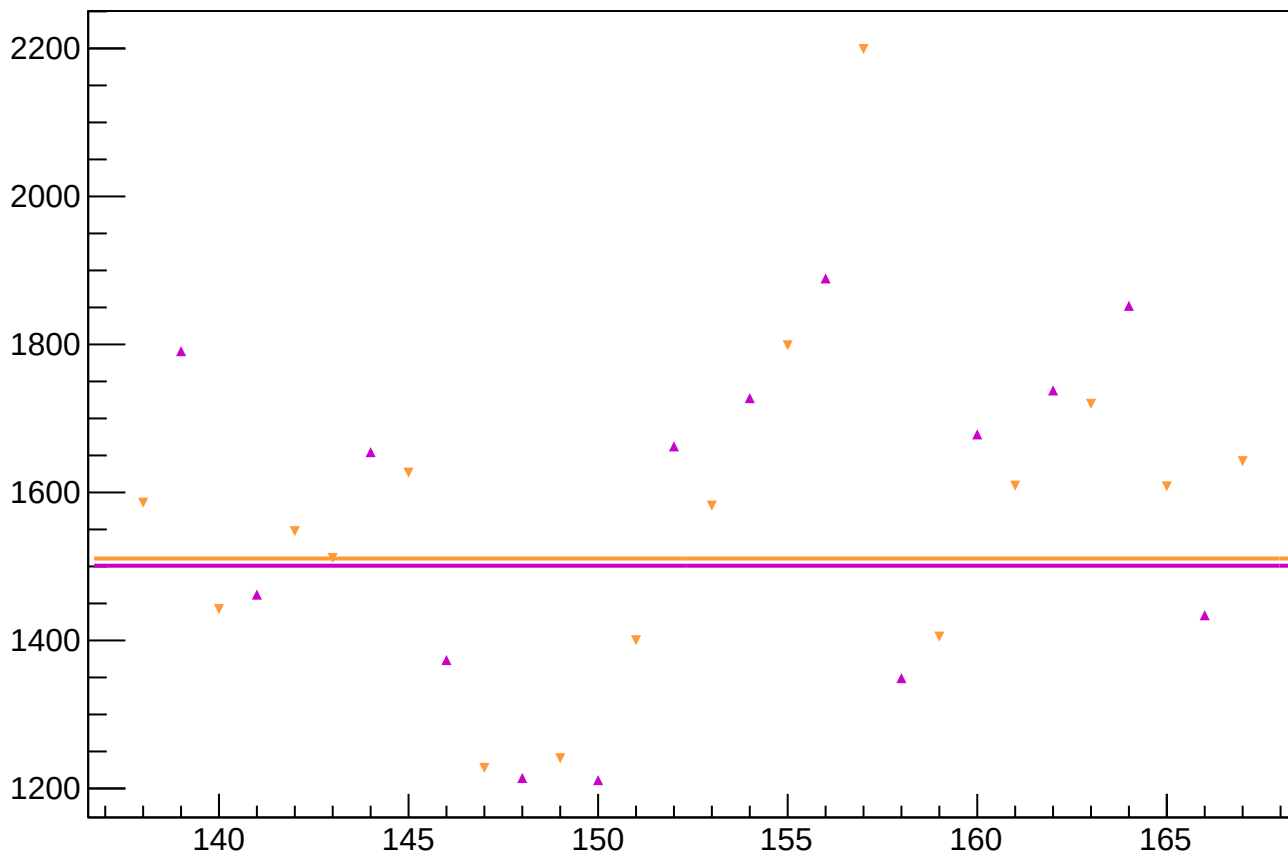
Left In: -427.501 $\pm$ 459.280 χ^2 /NDF:14.1/13

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

All: 223.660 $\pm$ 319.470 χ^2 /NDF: 39.4/29

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

asym_usr_correction_rms vs Slug



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

Left Out: 1510.692+/-0.314 χ^2/NDF : 421232.7/15

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

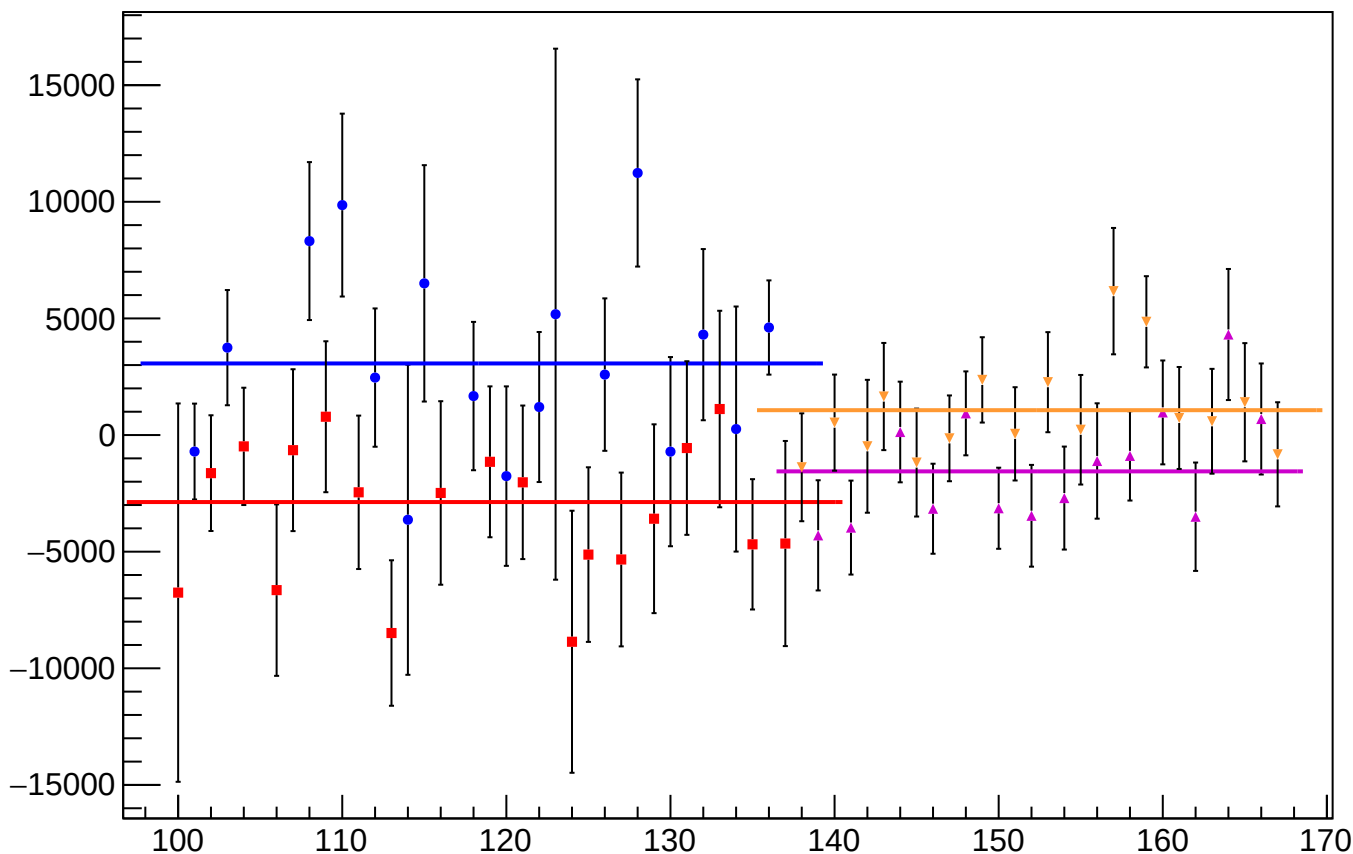
Left In: 1501.023+/-0.325 χ^2/NDF : 481658.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1506.014+/-0.226 χ^2/NDF : 903348.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



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

Left Out: 1065.660+/-548.286 χ^2 /NDF:12.2/15

Right Out: -2872.615+/-795.352 χ^2 /NDF: 11.6/18

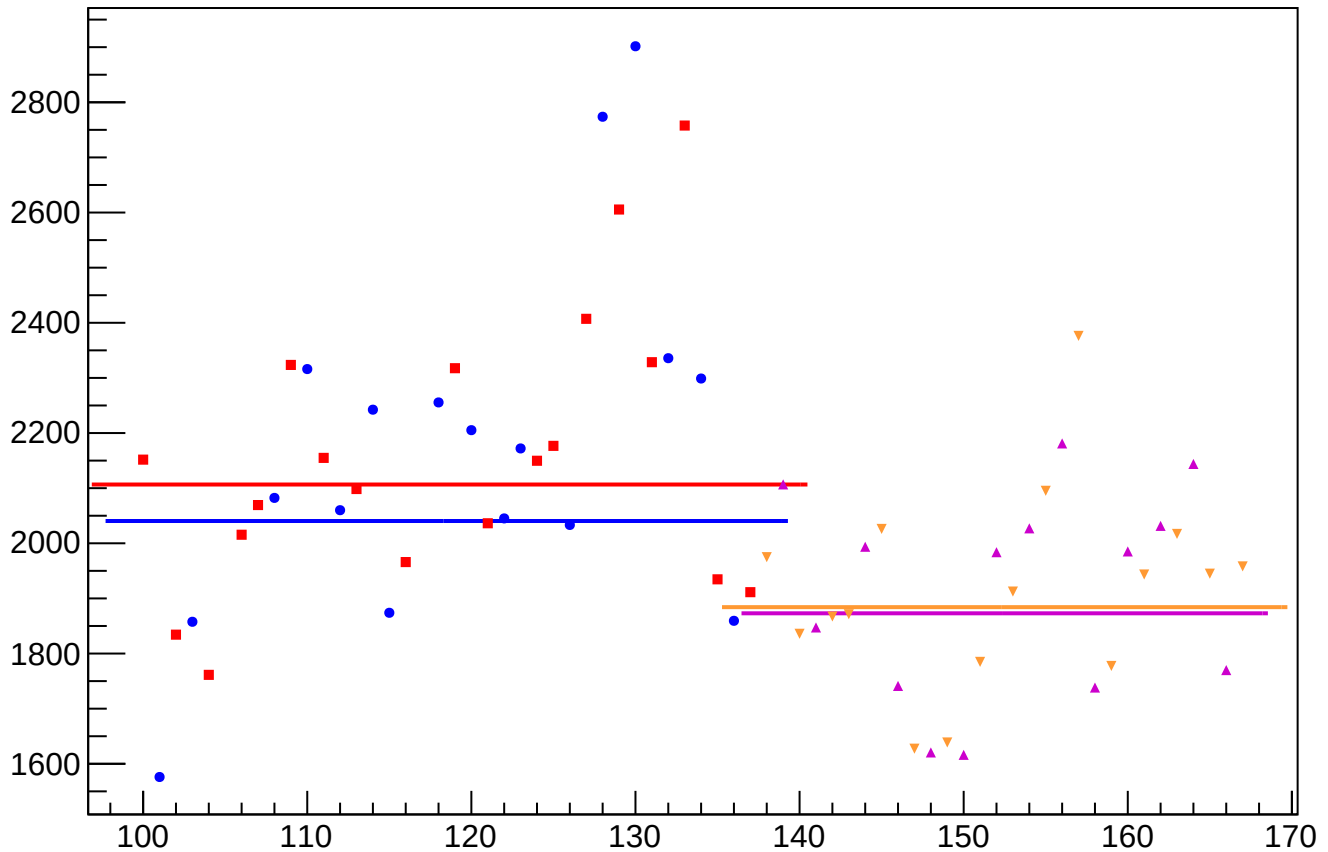
Left In: -1557.282+/-568.822 χ^2 /NDF:15.2/13

+ sign 1708.542+/-451.853 χ^2 /NDF: 35.0/32

All: -103.026+/-323.266 χ^2 /NDF: 96.6/65

- sign -2002.390+/-462.673 χ^2 /NDF: 28.6/32

asym_usr_rms vs Slug



Right In: 2040.433+/-0.564 χ^2/NDF : 331339.9/16

Left Out: 1884.157+/-0.388 χ^2/NDF : 192001.5/15

Right Out: 2106.624+/-0.562 χ^2/NDF : 195414.9/18

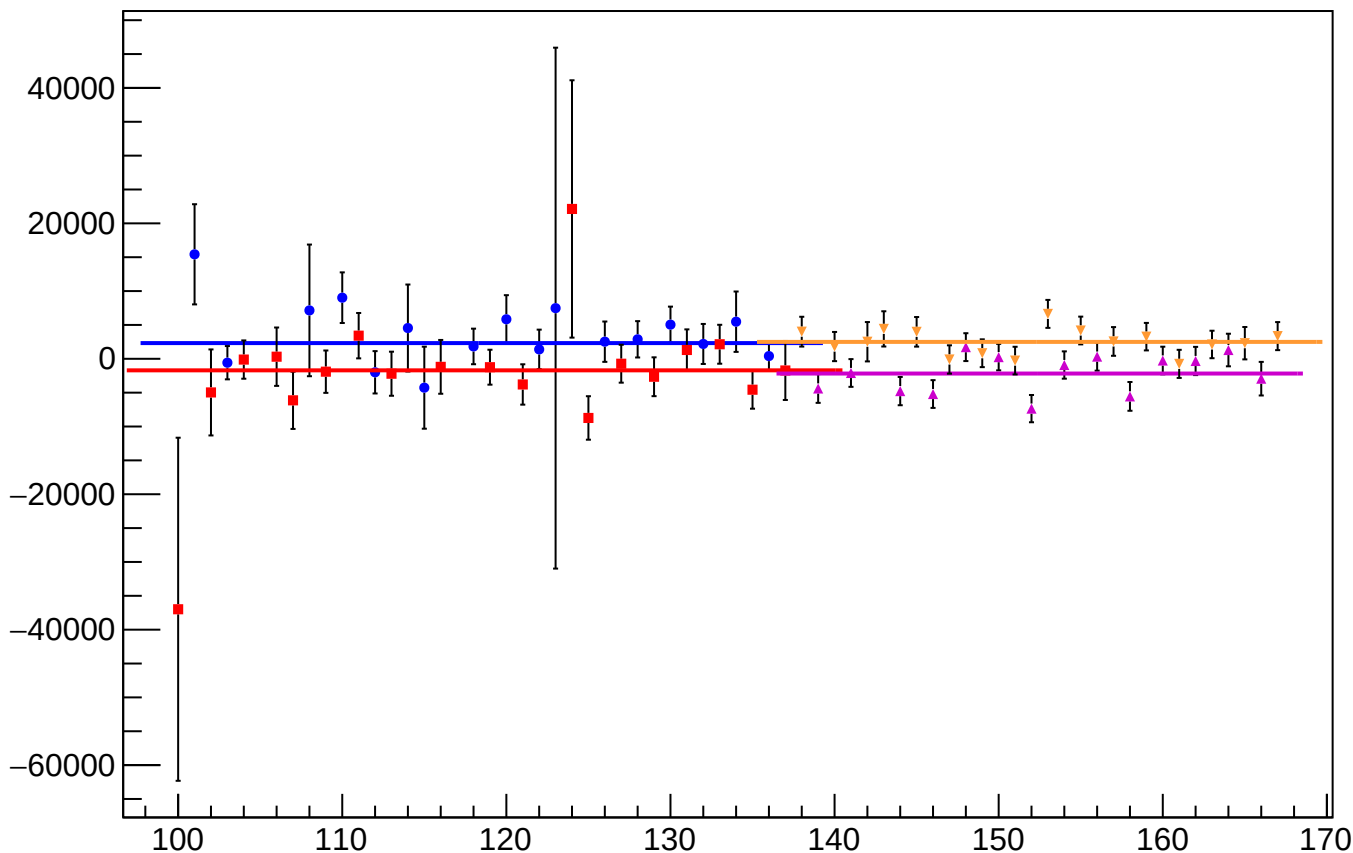
Left In: 1872.986+/-0.402 χ^2/NDF : 211085.7/13

+ sign 1934.295+/-0.320 χ^2/NDF : 575469.7/32

All: 1942.962+/-0.229 χ^2/NDF : 1097658.5/65

- sign 1952.049+/-0.327 χ^2/NDF : 520681.5/32

dit_asym_at1_avg_mean vs Slug



Right In: 2319.038 $\pm$ 801.440 χ^2 /NDF: 14.8/16

Left Out: 2495.367 $\pm$ 540.425 χ^2 /NDF:13.1/15

Right Out: -1705.508 $\pm$ 782.848 χ^2 /NDF: 17.2/18

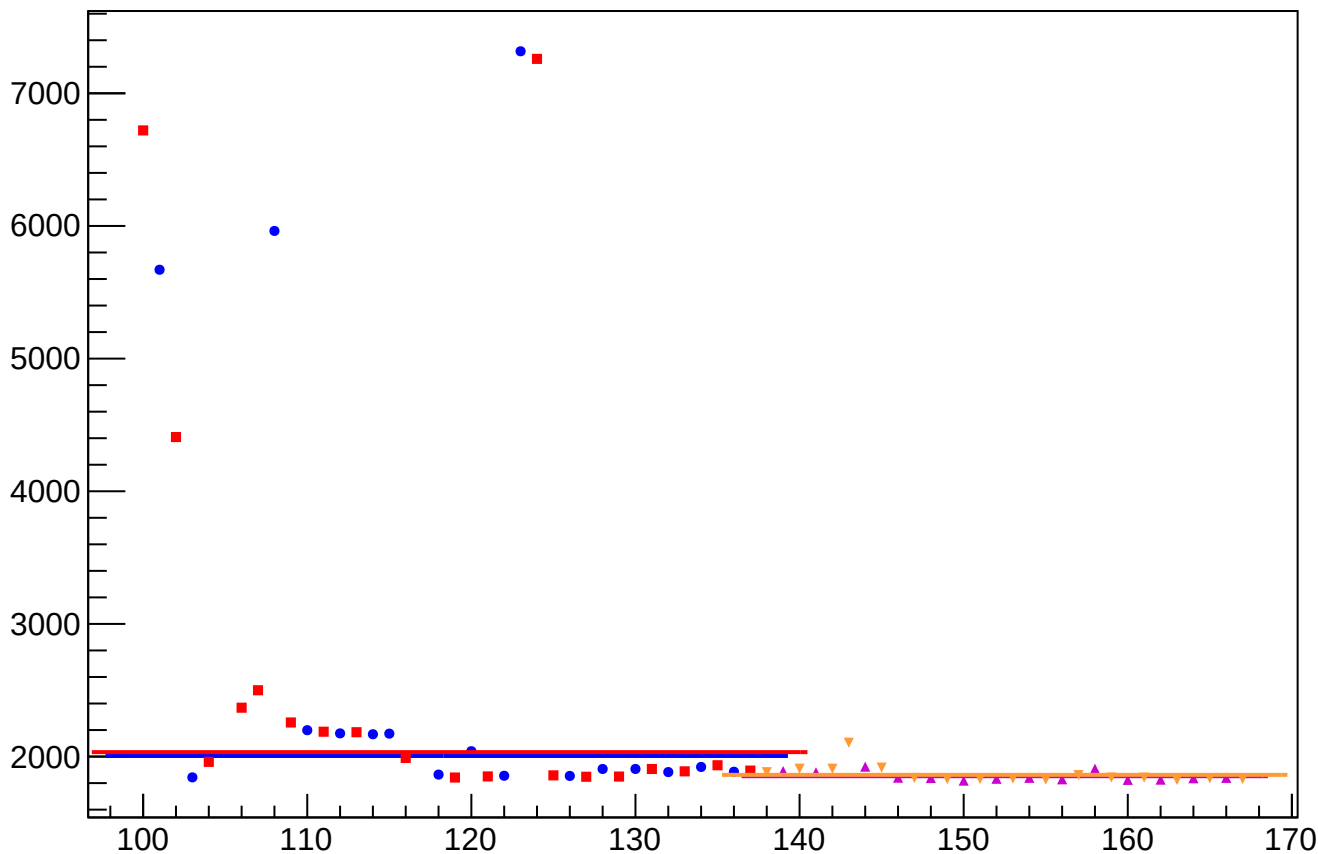
Left In: -2177.097 $\pm$ 560.958 χ^2 /NDF:24.8/13

+ sign 2440.251 $\pm$ 448.072 χ^2 /NDF: 27.9/32

All: 250.554 $\pm$ 319.594 χ^2 /NDF: 118.7/65

- sign -2017.105 $\pm$ 455.979 χ^2 /NDF: 42.2/32

dit_asym_at1_avg_rms vs Slug



Right In: 2004.551+/-0.567 χ^2/NDF : 916013.4/16

Left Out: 1862.266+/-0.382 χ^2/NDF : 24159.3/15

Right Out: 2033.490+/-0.554 χ^2/NDF : 611009.8/18

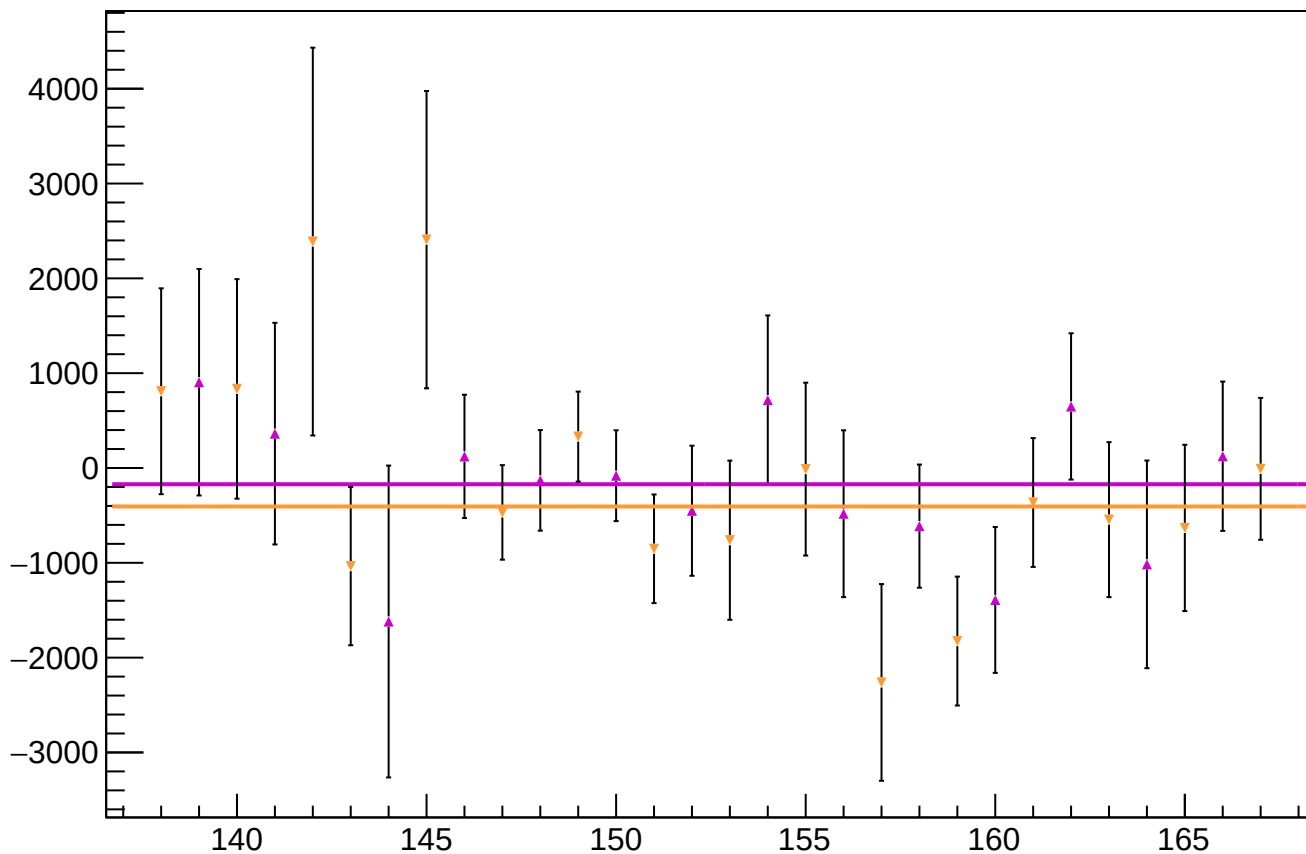
Left In: 1852.013+/-0.397 χ^2/NDF : 6914.1/13

+ sign 1906.740+/-0.317 χ^2/NDF : 983507.0/32

All: 1910.101+/-0.226 χ^2/NDF : 1672674.6/65

- sign 1913.582+/-0.322 χ^2/NDF : 688938.5/32

asym_at1_avg_correction_mean vs Slug



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

Left Out: -406.019 $\pm$ 190.158 χ^2 /NDF:19.4/15

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

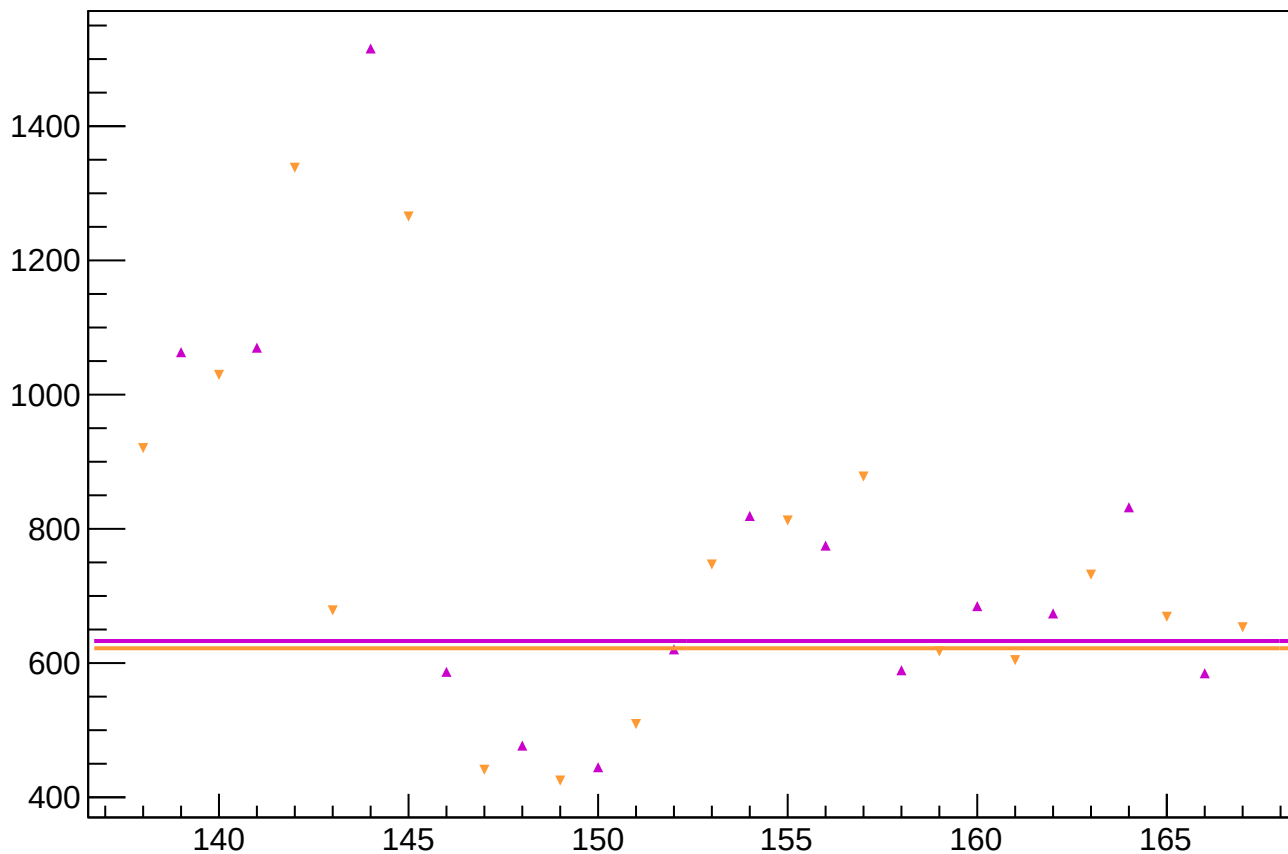
Left In: -171.179 $\pm$ 200.232 χ^2 /NDF:8.2/13

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

All: -294.655 $\pm$ 137.886 χ^2 /NDF: 28.3/29

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

asym_at1_avg_correction_rms vs Slug



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

Left Out: 622.066+/-0.134 χ^2/NDF :1976130.3/15

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

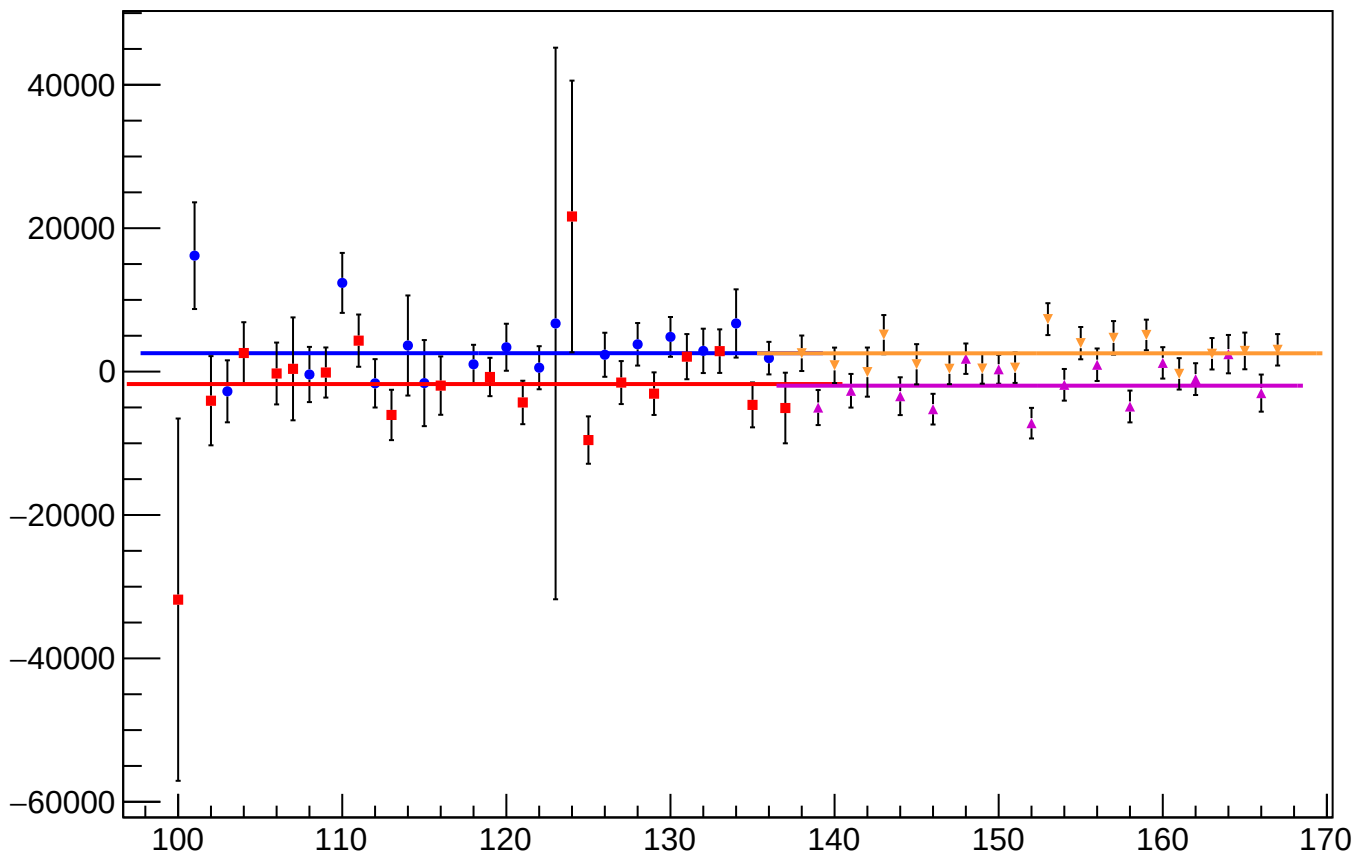
Left In: 632.889+/-0.142 χ^2/NDF :1844336.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.198+/-0.097 χ^2/NDF : 3823538.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



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

Left Out: 2550.420 $\pm$ 585.399 χ^2 /NDF:14.2/15

Right Out: -1737.684 $\pm$ 853.181 χ^2 /NDF: 20.5/18

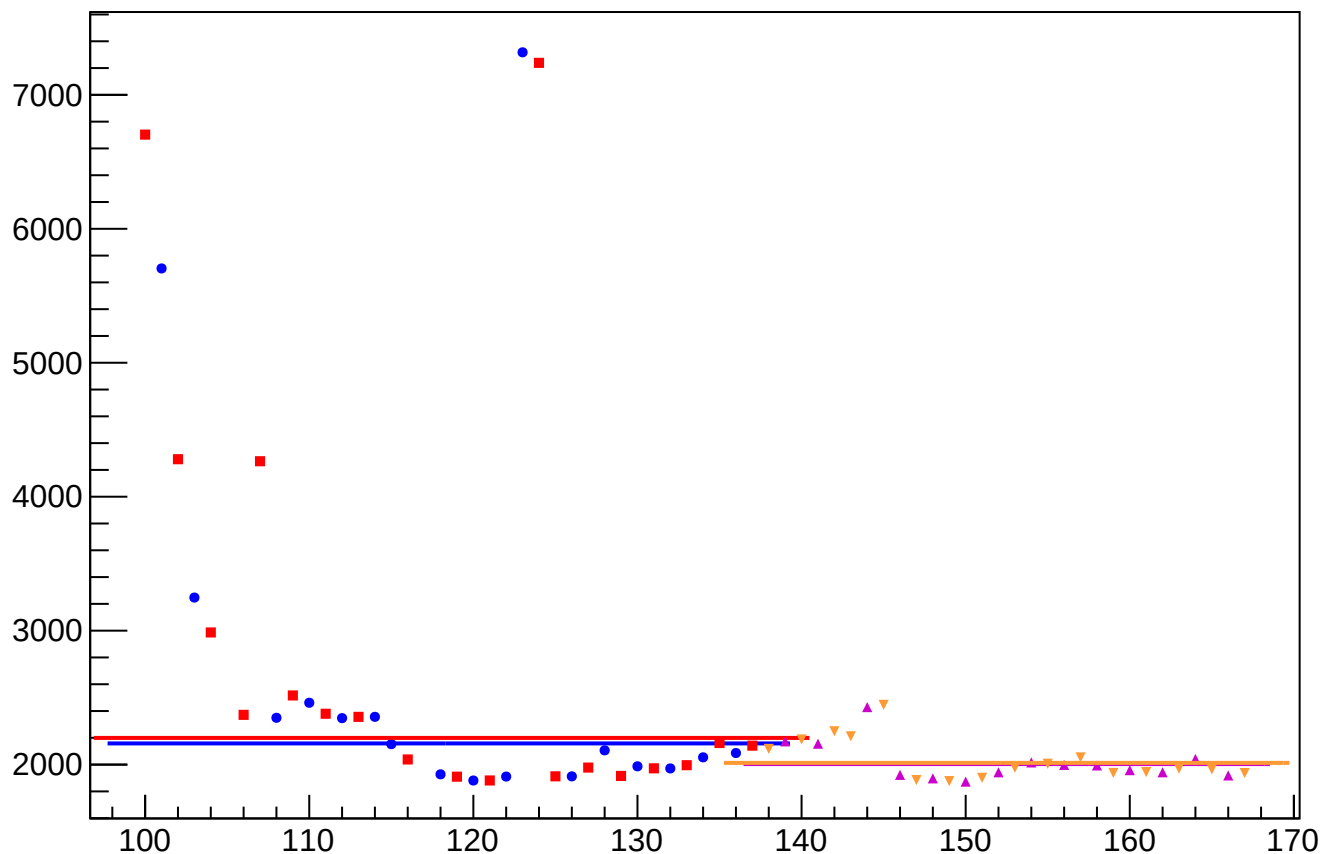
Left In: -1964.244 $\pm$ 608.259 χ^2 /NDF:23.3/13

+ sign 2555.638 $\pm$ 483.225 χ^2 /NDF: 29.8/32

All: 388.597 $\pm$ 345.874 χ^2 /NDF: 114.9/65

- sign -1887.896 $\pm$ 495.278 χ^2 /NDF: 43.8/32

asym_at1_avg_rms vs Slug



Right In: 2158.148 +/- 0.605 χ^2/NDF : 713862.1/16

Left Out: 2012.862 +/- 0.414 χ^2/NDF : 111809.3/15

Right Out: 2199.343 +/- 0.603 χ^2/NDF : 803022.0/18

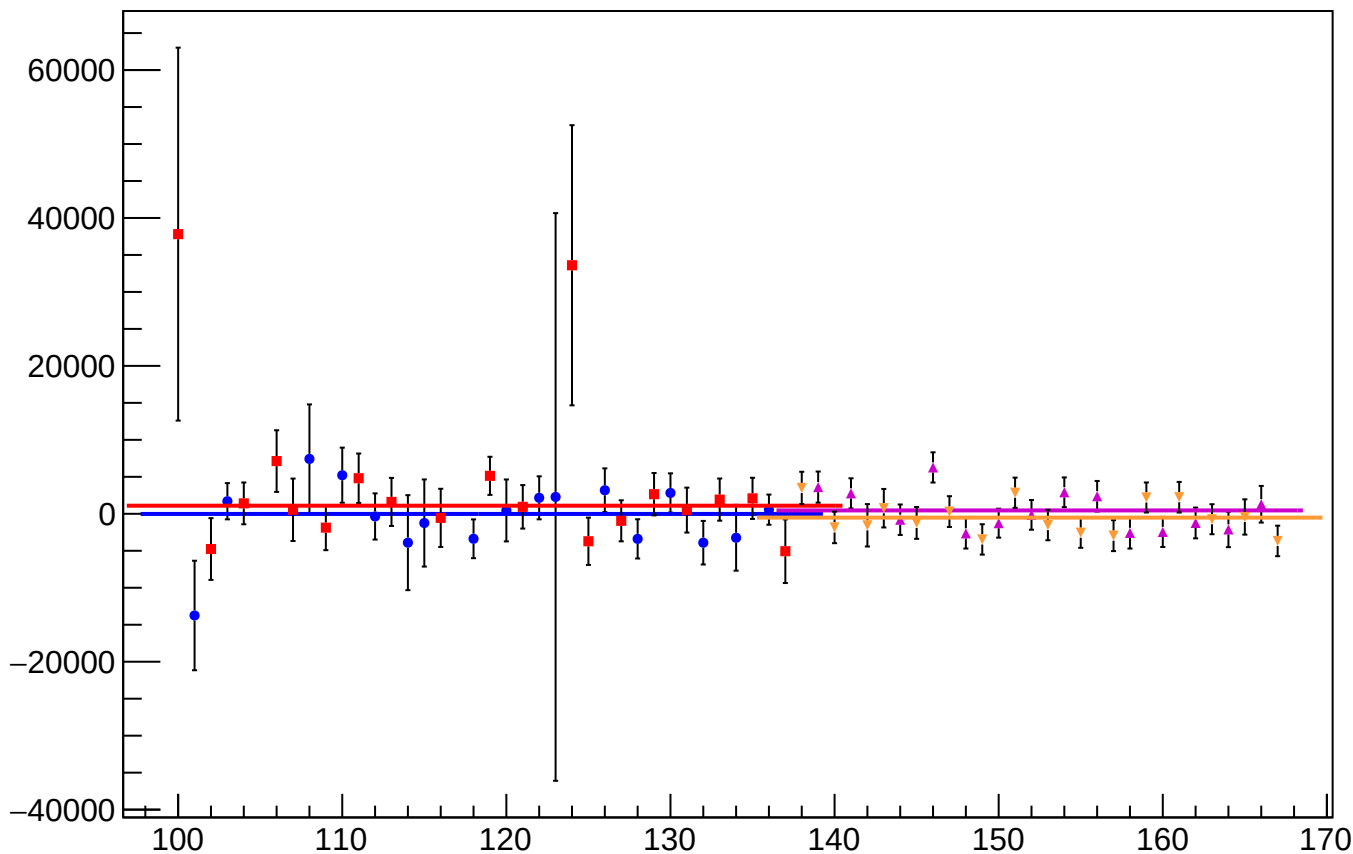
Left In: 2004.051 +/- 0.430 χ^2/NDF : 93131.7/13

+ sign 2059.152 +/- 0.342 χ^2/NDF : 864921.1/32

All: 2064.375 +/- 0.245 χ^2/NDF : 1831031.0/65

- sign 2069.862 +/- 0.350 χ^2/NDF : 965630.7/32

dit_asym_at1_dd_mean vs Slug



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

Left Out: -515.059 ± 537.894 χ^2/NDF : 17.7/15

Right Out: 1095.433 ± 769.722 χ^2/NDF : 19.4/18

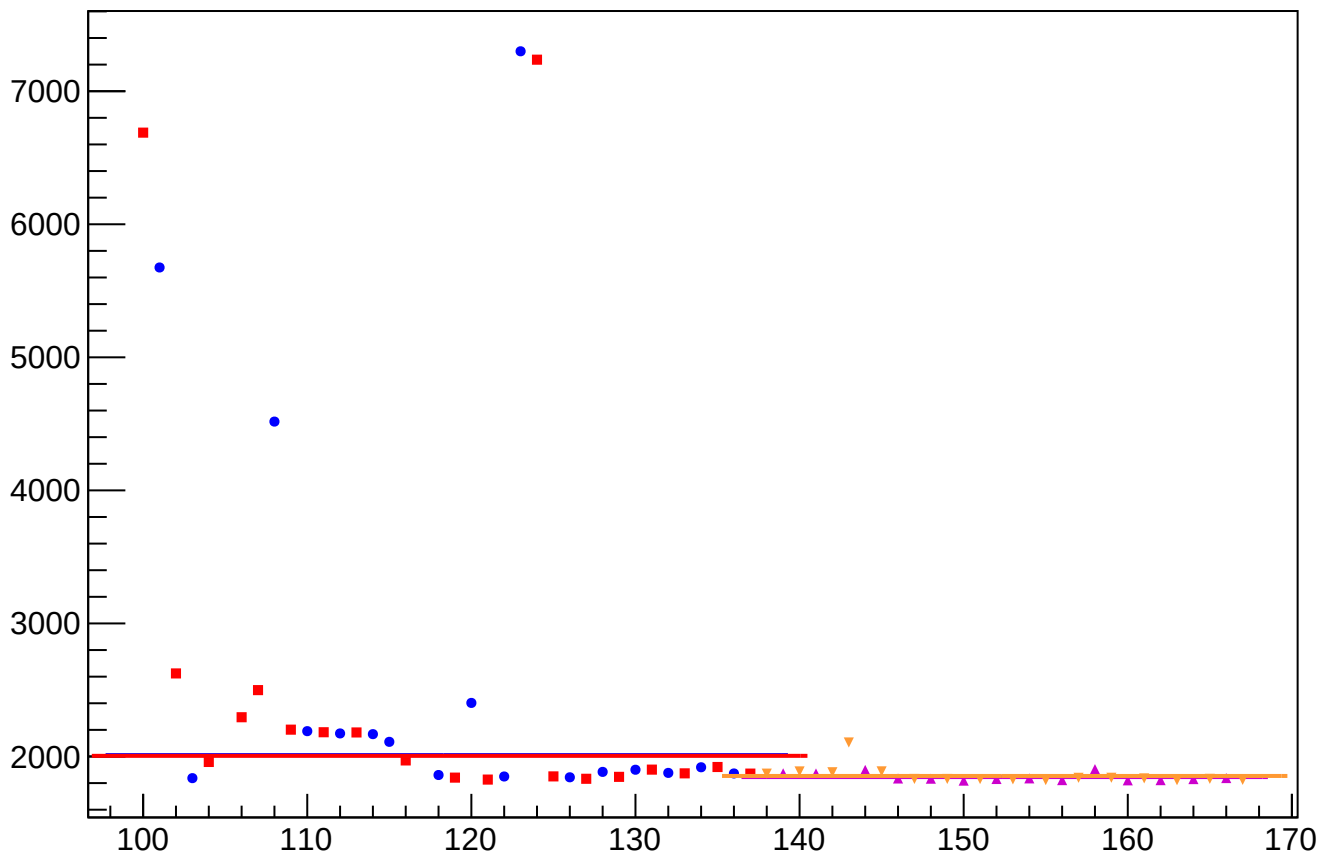
Left In: 457.744 ± 558.904 χ^2/NDF : 23.5/13

+ sign -360.768 ± 446.620 χ^2/NDF : 33.8/32

All: 152.049 ± 317.782 χ^2/NDF : 79.8/65

- sign 677.889 ± 452.256 χ^2/NDF : 43.4/32

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1853.663 $\pm$ 0.380 χ^2 /NDF: 22962.3/15

Right Out: 2004.882 $\pm$ 0.544 χ^2 /NDF: 367513.0/18

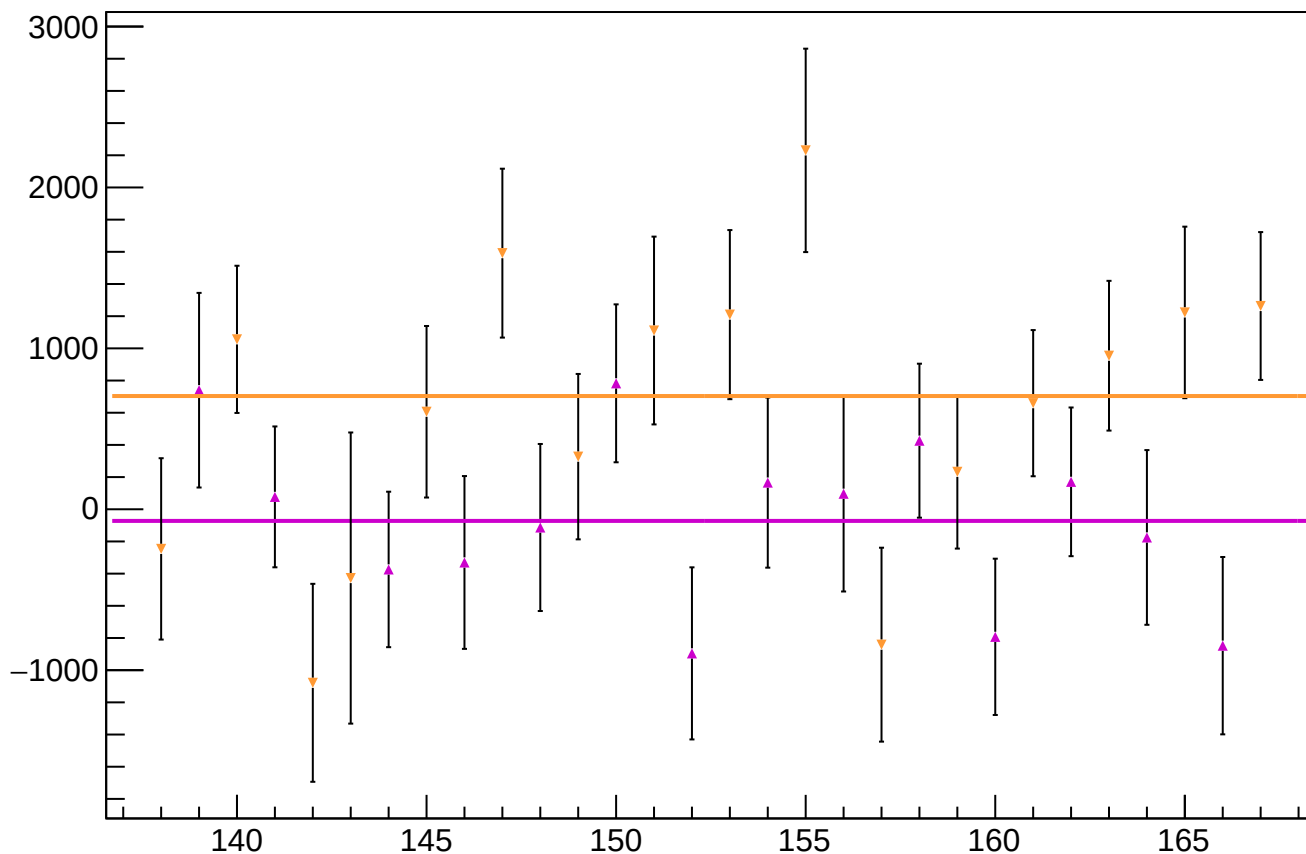
Left In: 1845.334 $\pm$ 0.395 χ^2 /NDF: 5195.1/13

+ sign 1902.302 $\pm$ 0.316 χ^2 /NDF: 915365.0/32

All: 1901.370 $\pm$ 0.225 χ^2 /NDF: 1344355.7/65

- sign 1900.414 $\pm$ 0.320 χ^2 /NDF: 428973.1/32

asym_at1_dd_correction_mean vs Slug



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

Left Out: 703.778+/-132.853 χ^2/NDF : 34.4/15

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

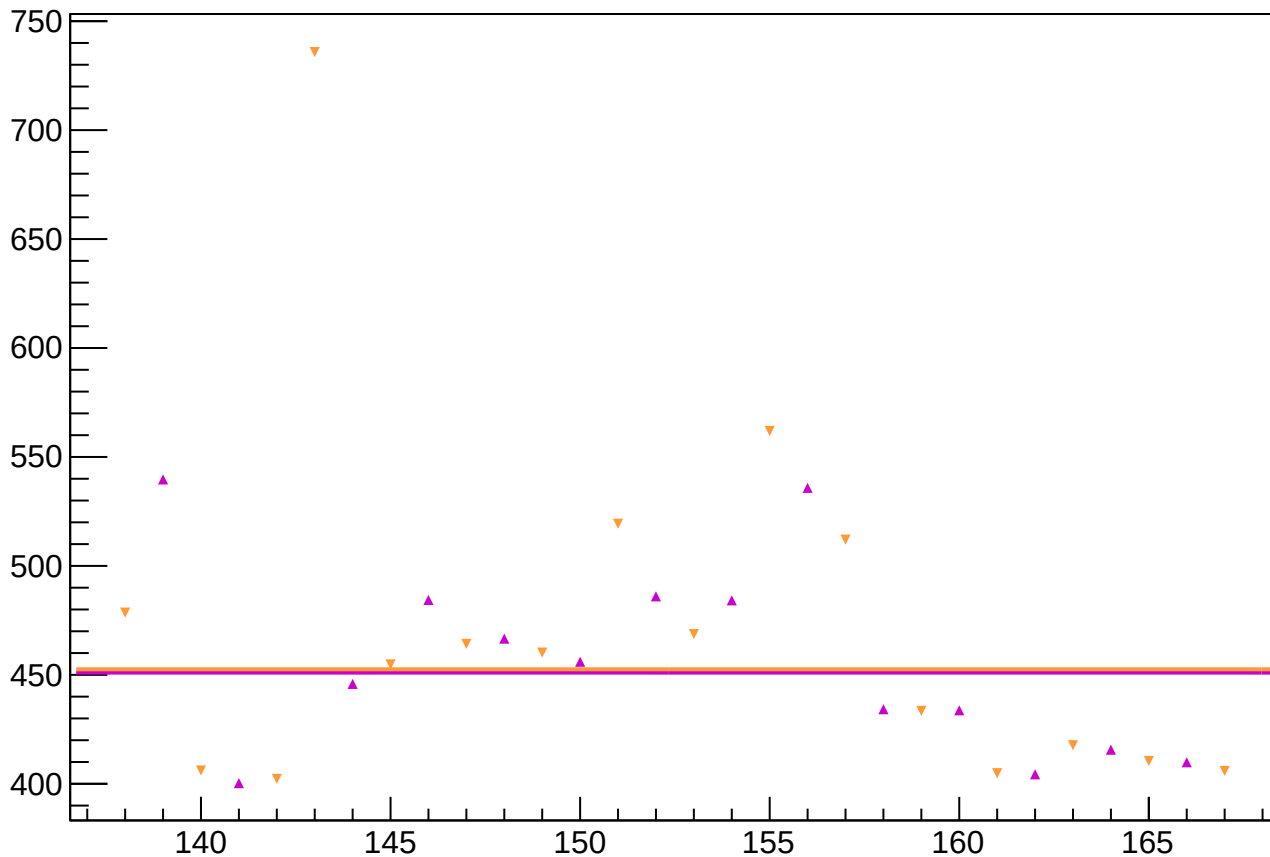
Left In: -72.312+/-136.938 χ^2/NDF : 13.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.482+/-95.353 χ^2/NDF : 64.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_correction_rms vs Slug



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

Left Out: 452.544+/-0.094 χ^2/NDF :412865.3/15

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

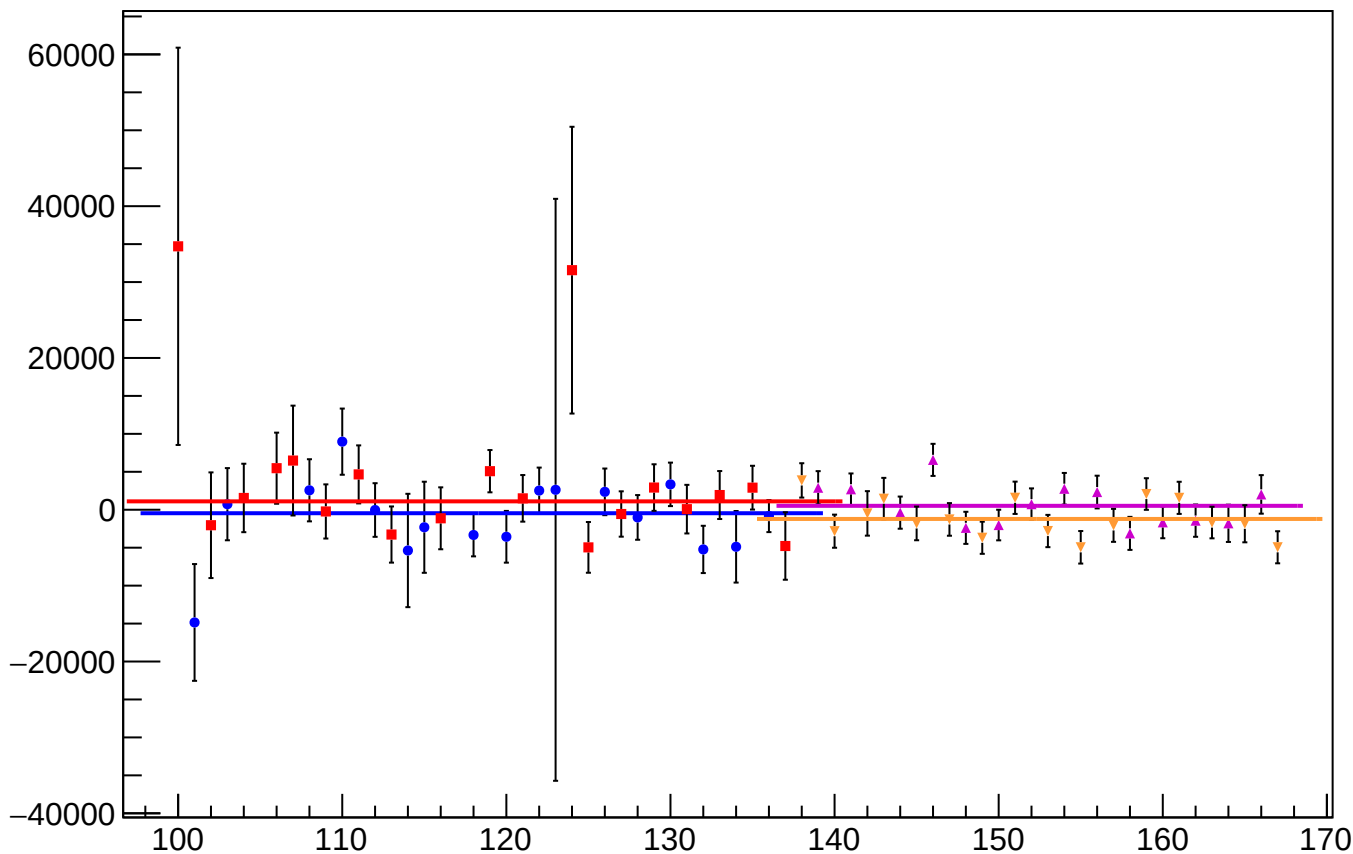
Left In: 451.024+/-0.097 χ^2/NDF :180219.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.807+/-0.067 χ^2/NDF : 593211.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug



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

Left Out: -1212.470 ± 555.239 χ^2/NDF : 20.9/15

Right Out: 1104.312 ± 867.160 χ^2/NDF : 16.9/18

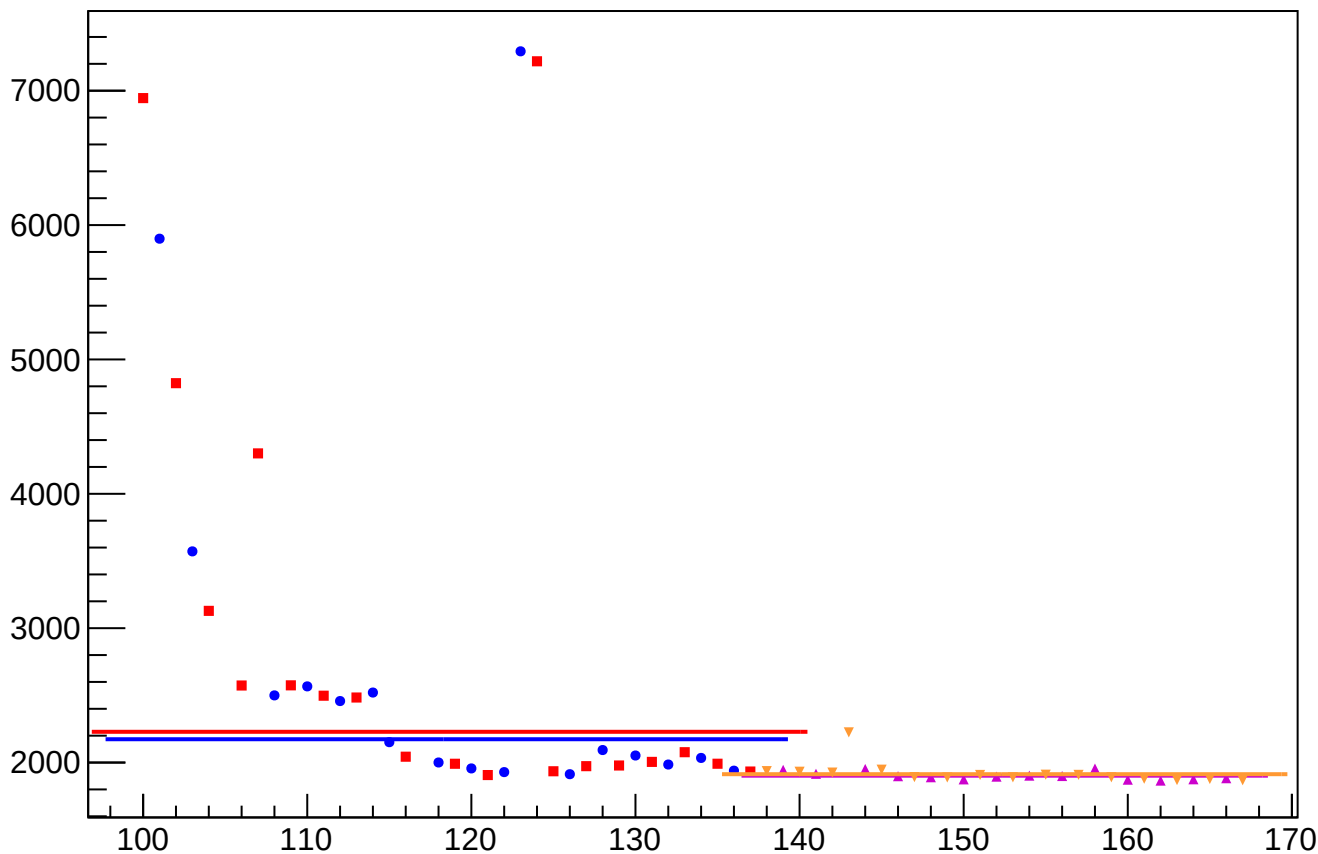
Left In: 516.518 ± 576.117 χ^2/NDF : 22.0/13

+ sign -992.462 ± 467.283 χ^2/NDF : 39.5/32

All: -170.407 ± 334.779 χ^2/NDF : 85.1/65

- sign 696.515 ± 479.866 χ^2/NDF : 39.2/32

asym_at1_dd_rms vs Slug



Right In: 2173.529 $\pm$ 0.612 χ^2 /NDF: 805360.7/16

Left Out: 1913.382 $\pm$ 0.393 χ^2 /NDF: 30224.0/15

Right Out: 2228.892 $\pm$ 0.613 χ^2 /NDF: 895863.4/18

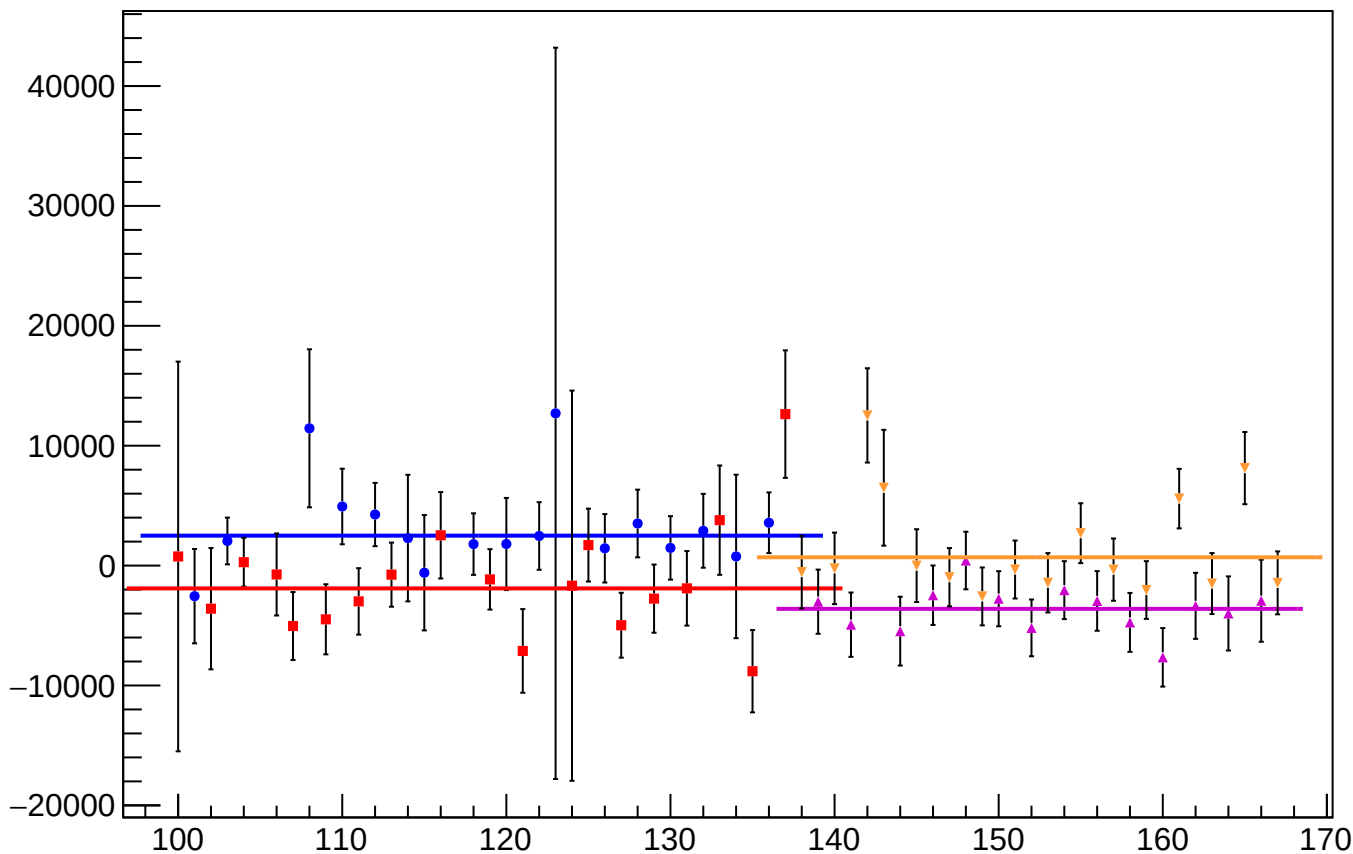
Left In: 1902.362 $\pm$ 0.407 χ^2 /NDF: 4985.8/13

+ sign 1989.274 $\pm$ 0.330 χ^2 /NDF: 963664.9/32

All: 1995.640 $\pm$ 0.237 χ^2 /NDF: 2062019.4/65

- sign 2002.354 $\pm$ 0.339 χ^2 /NDF: 1097591.7/32

dit_asym_at2_avg_mean vs Slug



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

Left Out: 693.080 ± 679.466 χ^2/NDF : 27.5/15

Right Out: -1902.970 ± 736.793 χ^2/NDF : 23.5/18

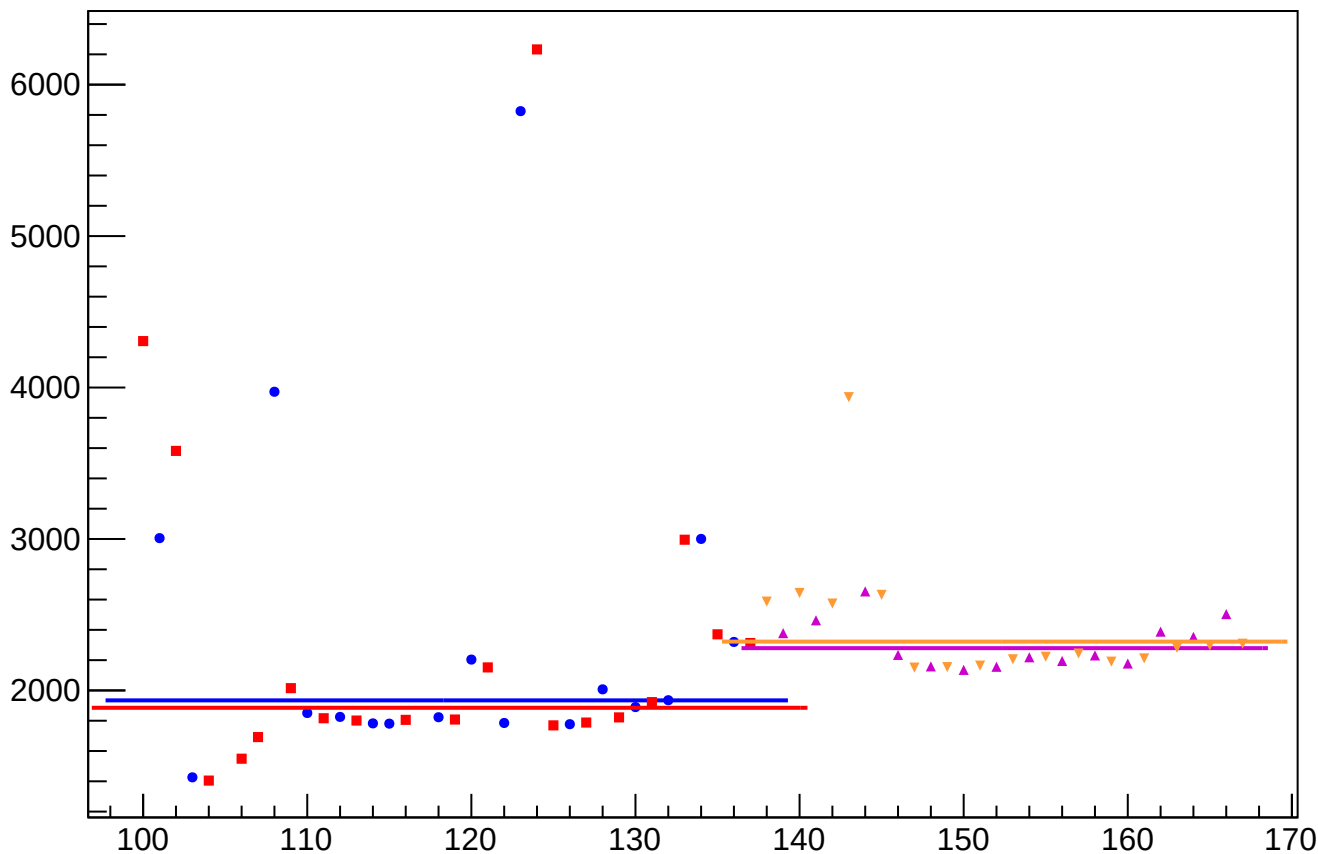
Left In: -3610.653 ± 691.237 χ^2/NDF : 7.8/13

+ sign 1484.602 ± 508.977 χ^2/NDF : 36.5/32

All: -683.932 ± 358.169 χ^2/NDF : 106.6/65

- sign -2811.234 ± 504.115 χ^2/NDF : 34.1/32

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2322.430 ± 0.480 χ^2/NDF : 339082.2/15

Right Out: 1885.547 ± 0.521 χ^2/NDF : 752091.8/18

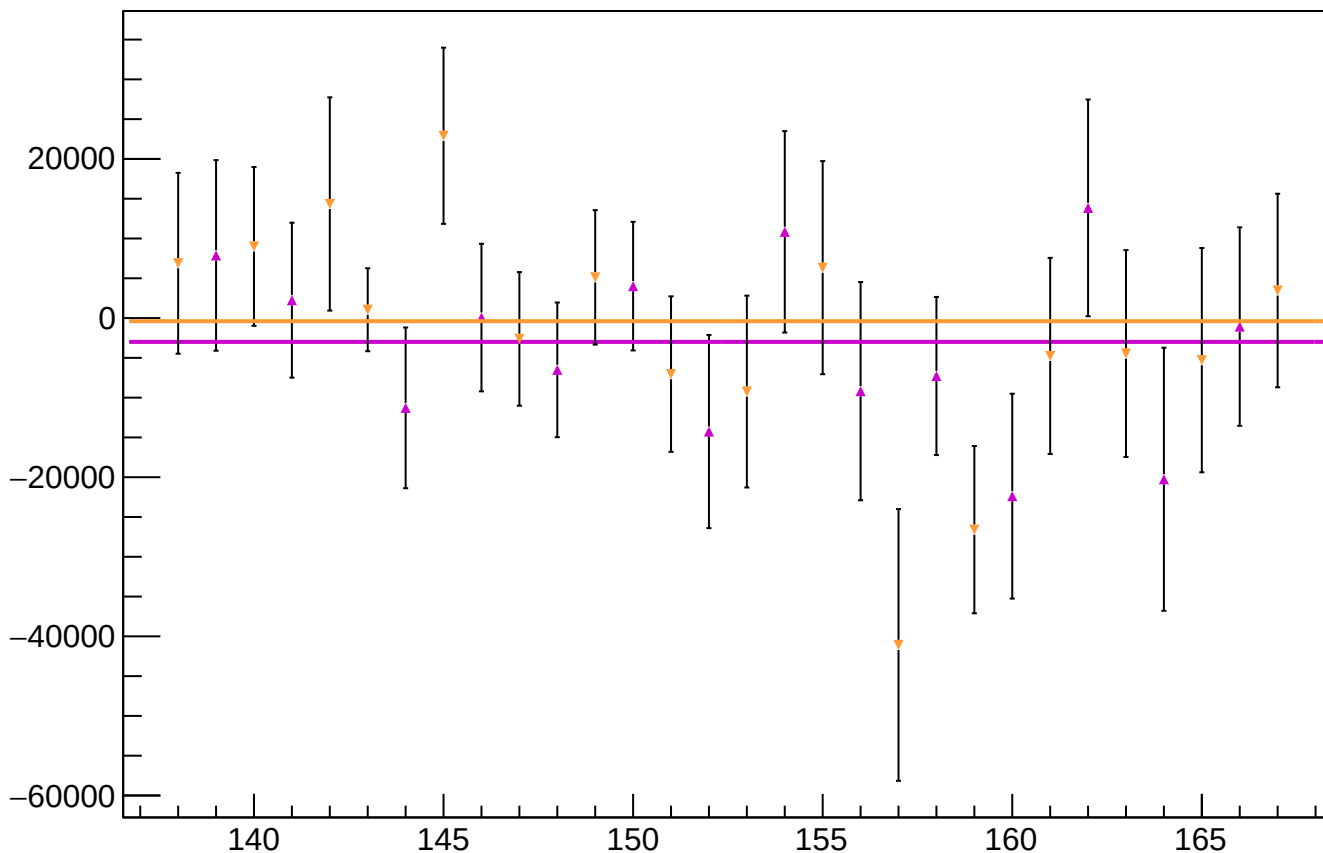
Left In: 2279.224 ± 0.489 χ^2/NDF : 85862.1/13

+ sign 2152.135 ± 0.360 χ^2/NDF : 1264259.4/32

All: 2123.238 ± 0.253 χ^2/NDF : 2418728.1/65

- sign 2094.896 ± 0.356 χ^2/NDF : 1141699.0/32

asym_at2_avg_correction_mean vs Slug



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

Left Out: -389.035+/-2529.985 χ^2/NDF :21.1/15

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

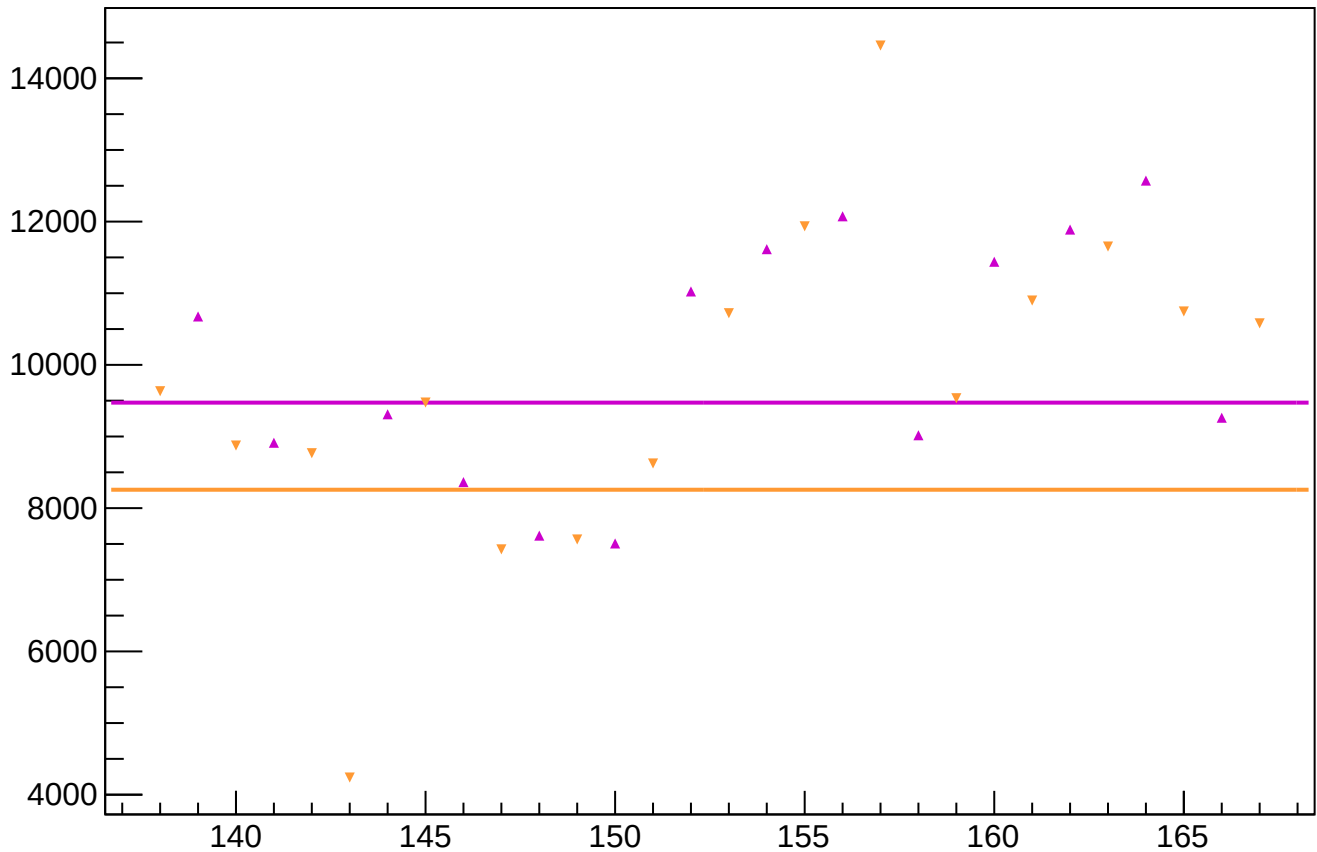
Left In: -2992.391+/-2908.643 χ^2/NDF :10.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1510.332+/-1908.903 χ^2/NDF : 31.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_correction_rms vs Slug



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

Left Out: 8256.984+/-1.789 χ^2/NDF :2179278.8/15

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

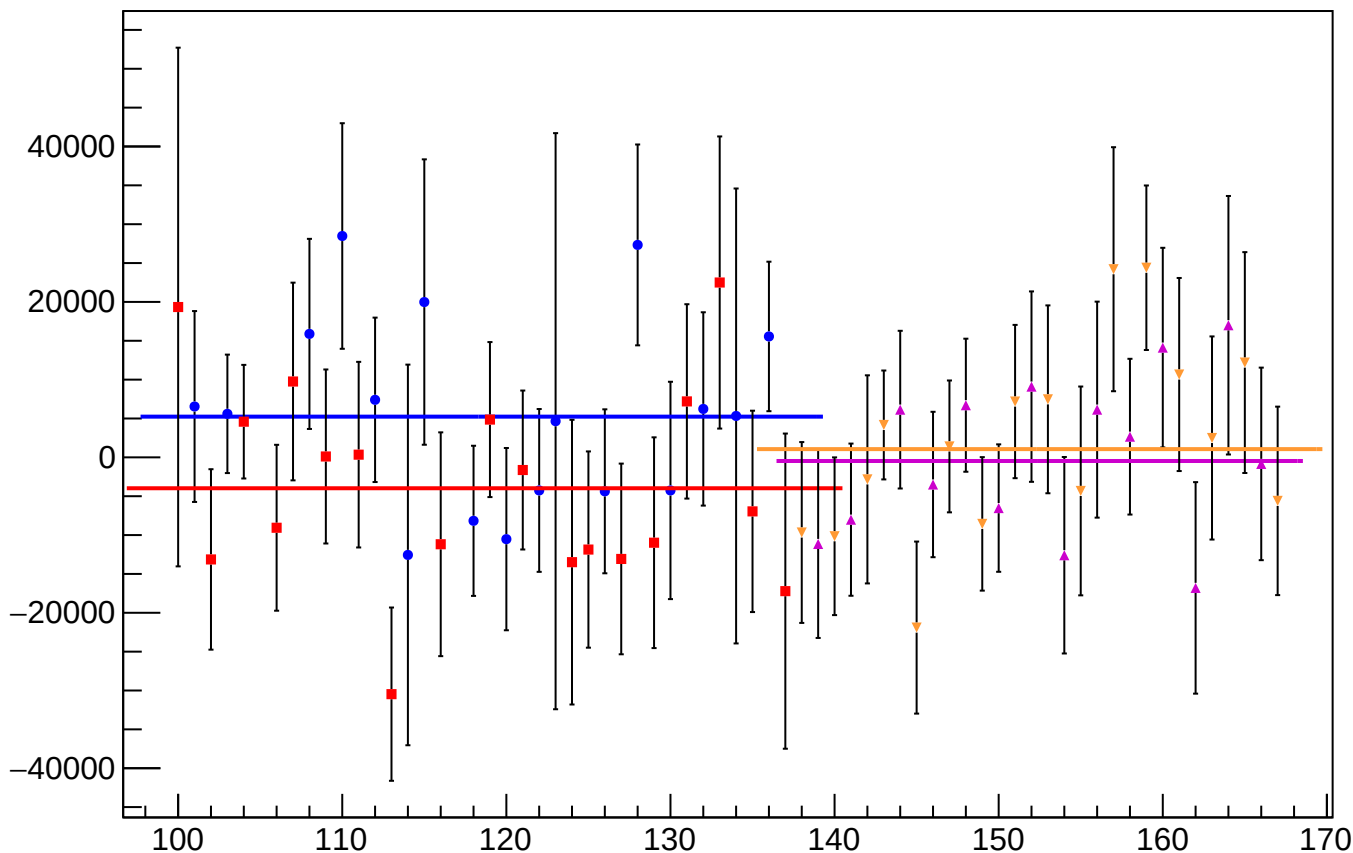
Left In: 9472.783+/-2.057 χ^2/NDF :617090.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8780.643+/-1.350 χ^2/NDF : 2995301.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: 1060.405 $\pm$ 2687.925 χ^2 /NDF:17.3/15

Right Out: -3976.061 $\pm$ 2790.421 χ^2 /NDF: 15.6/18

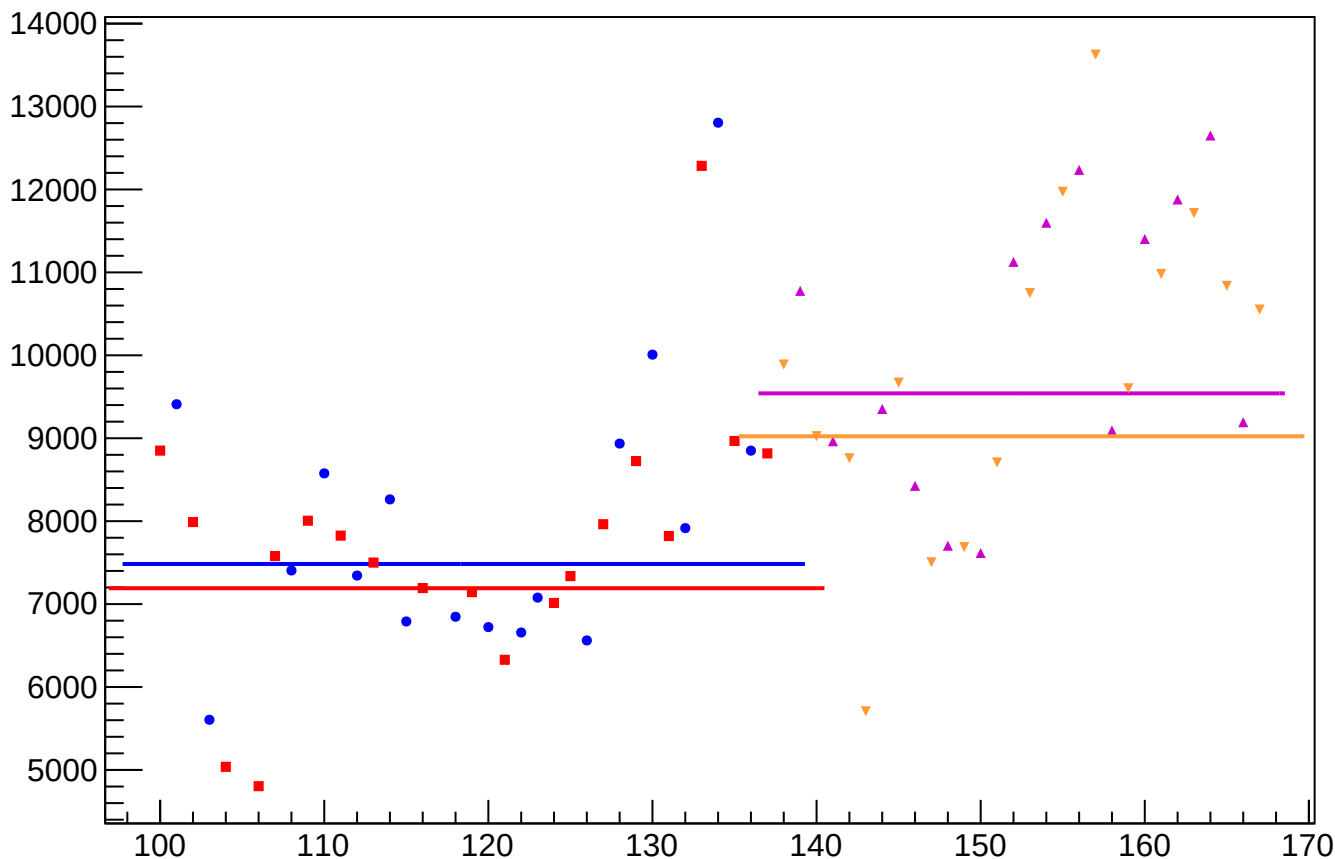
Left In: -468.931 $\pm$ 2928.702 χ^2 /NDF:8.8/13

+ sign 2958.375 $\pm$ 1985.682 χ^2 /NDF: 32.9/32

All: 370.991 $\pm$ 1416.150 χ^2 /NDF: 61.5/65

- sign -2307.245 $\pm$ 2020.243 χ^2 /NDF: 25.2/32

asym_at2_avg_rms vs Slug



Right In: 7483.785+/-2.083 χ^2/NDF : 431806.2/16

Left Out: 9023.437+/-1.901 χ^2/NDF : 1095419.1/15

Right Out: 7191.451+/-1.973 χ^2/NDF : 558753.1/18

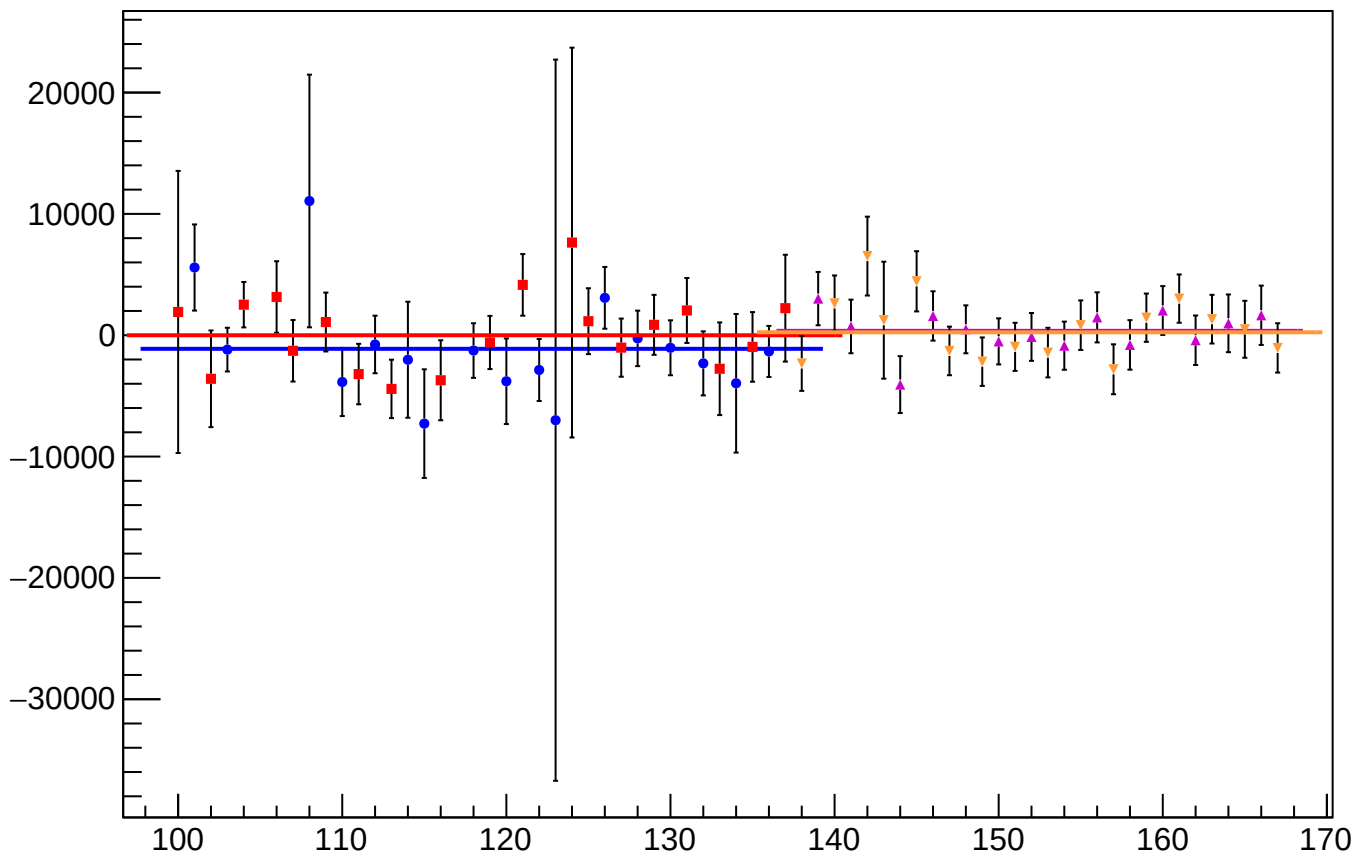
Left In: 9541.122+/-2.071 χ^2/NDF : 597630.9/13

+ sign 8324.014+/-1.404 χ^2/NDF : 1825322.9/32

All: 8316.812+/-1.001 χ^2/NDF : 3656621.2/65

- sign 8309.357+/-1.428 χ^2/NDF : 1831244.8/32

dit_asym_at2_dd_mean vs Slug



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

Left Out: 241.928 ± 547.866 χ^2/NDF : 17.4/15

Right Out: -2.515 ± 639.678 χ^2/NDF : 15.5/18

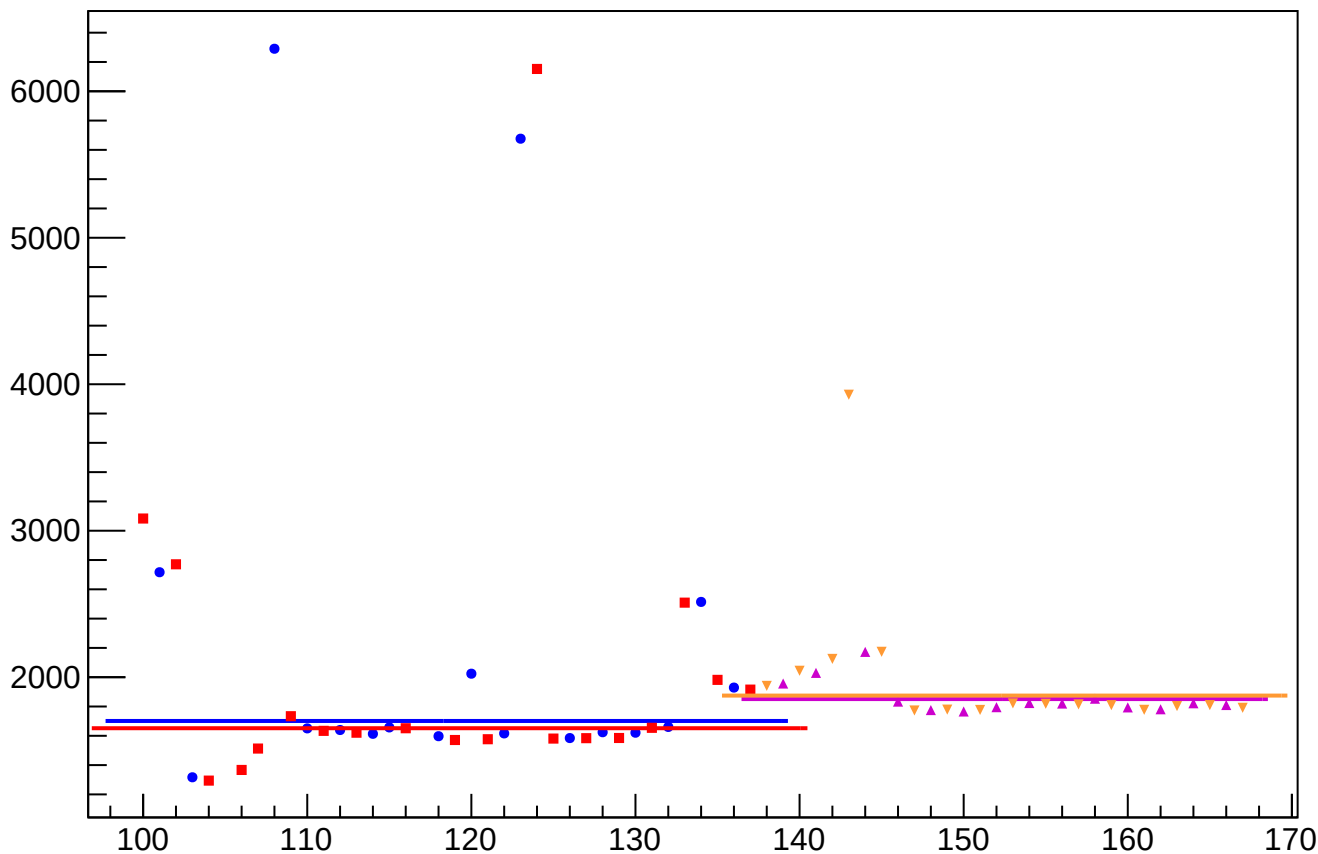
Left In: 361.708 ± 560.176 χ^2/NDF : 7.9/13

+ sign -295.151 ± 426.418 χ^2/NDF : 32.1/32

All: -42.826 ± 299.743 χ^2/NDF : 56.3/65

- sign 203.624 ± 421.426 χ^2/NDF : 23.5/32

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1874.572+/-0.387 χ^2/NDF : 450102.6/15

Right Out: 1651.734+/-0.452 χ^2/NDF : 588842.2/18

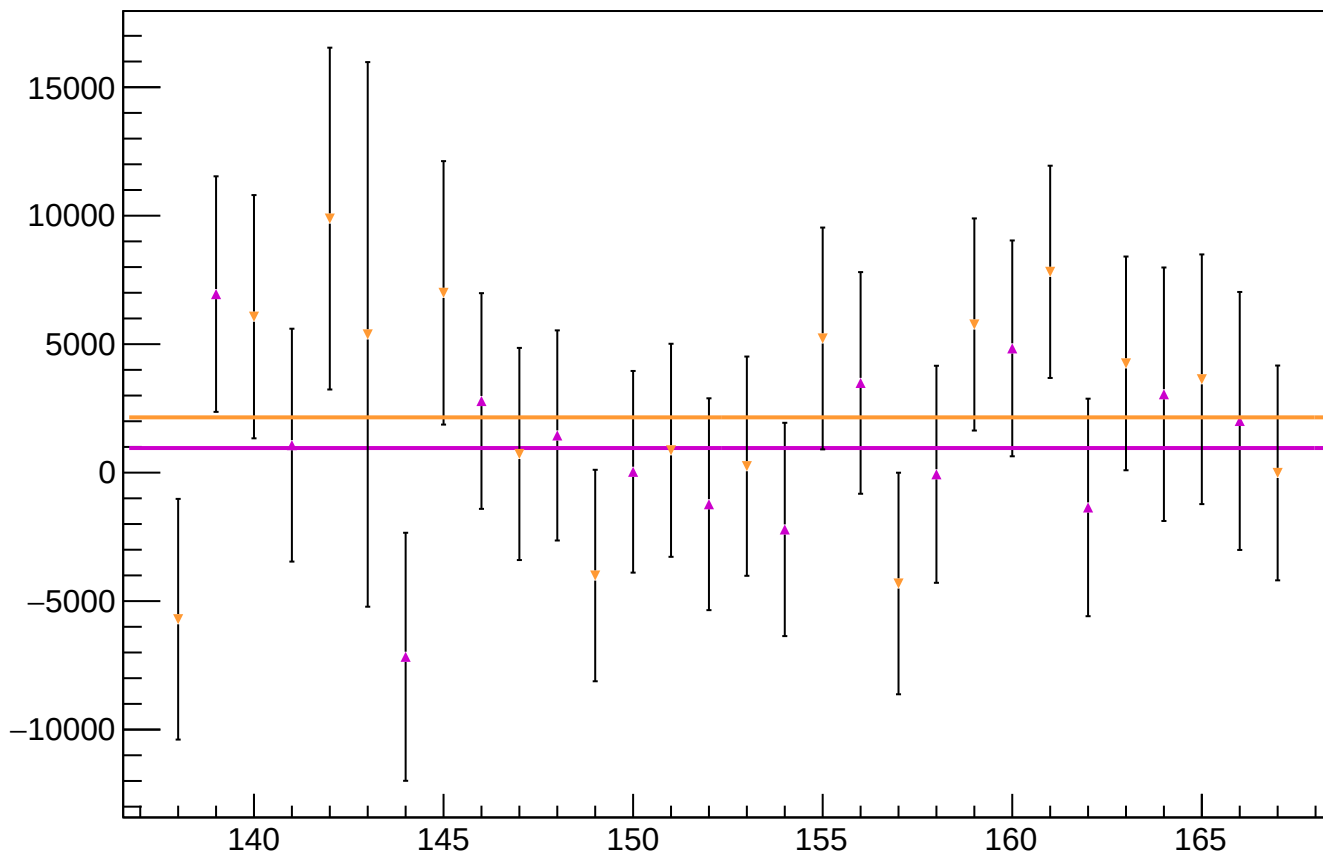
Left In: 1850.769+/-0.396 χ^2/NDF : 69690.4/13

+ sign 1806.260+/-0.302 χ^2/NDF : 1307698.6/32

All: 1785.074+/-0.212 χ^2/NDF : 2085577.4/65

- sign 1764.382+/-0.298 χ^2/NDF : 768120.3/32

asym_at2_dd_correction_mean vs Slug



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

Left Out: 2151.372+/-1137.539 χ^2/NDF :14.5/15

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

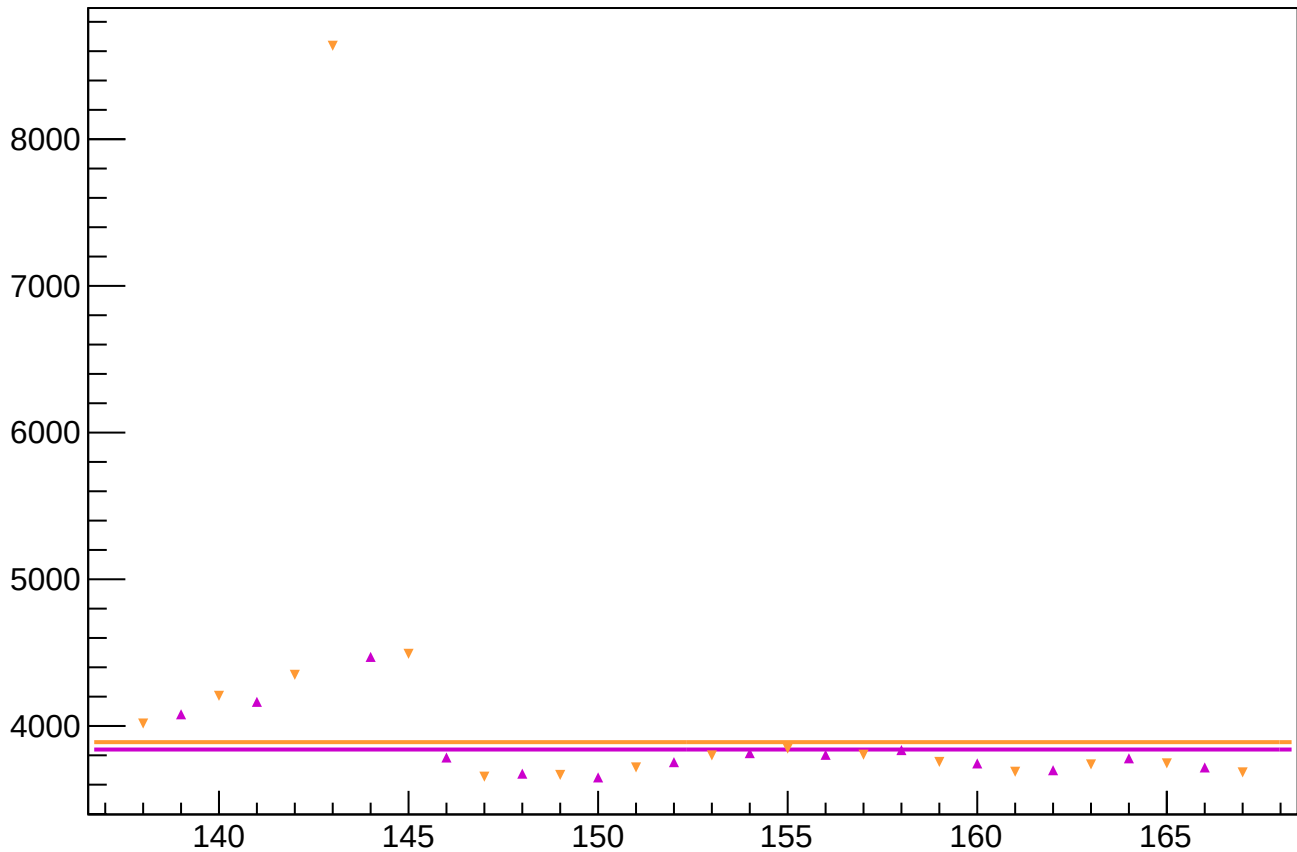
Left In: 957.296+/-1161.923 χ^2/NDF :7.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.995+/-812.846 χ^2/NDF : 22.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_correction_rms vs Slug



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

Left Out: 3889.776+/-0.804 χ^2/NDF : 482708.7/15

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

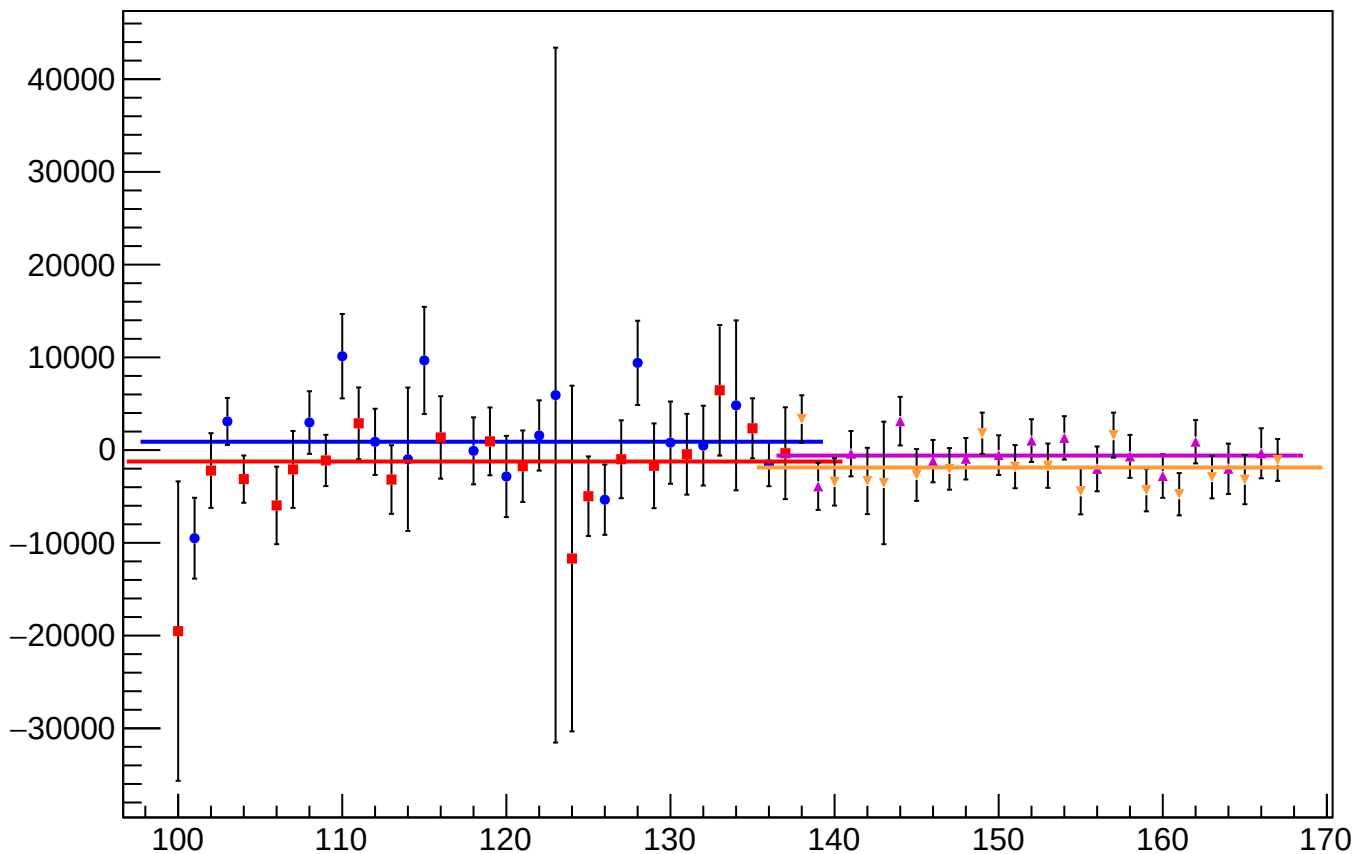
Left In: 3839.457+/-0.822 χ^2/NDF : 64079.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3865.150+/-0.575 χ^2/NDF : 548703.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: 903.274 ± 961.918 χ^2/NDF : 21.6/16

Left Out: -1874.693 ± 627.747 χ^2/NDF : 14.0/15

Right Out: -1231.015 ± 925.029 χ^2/NDF : 8.9/18

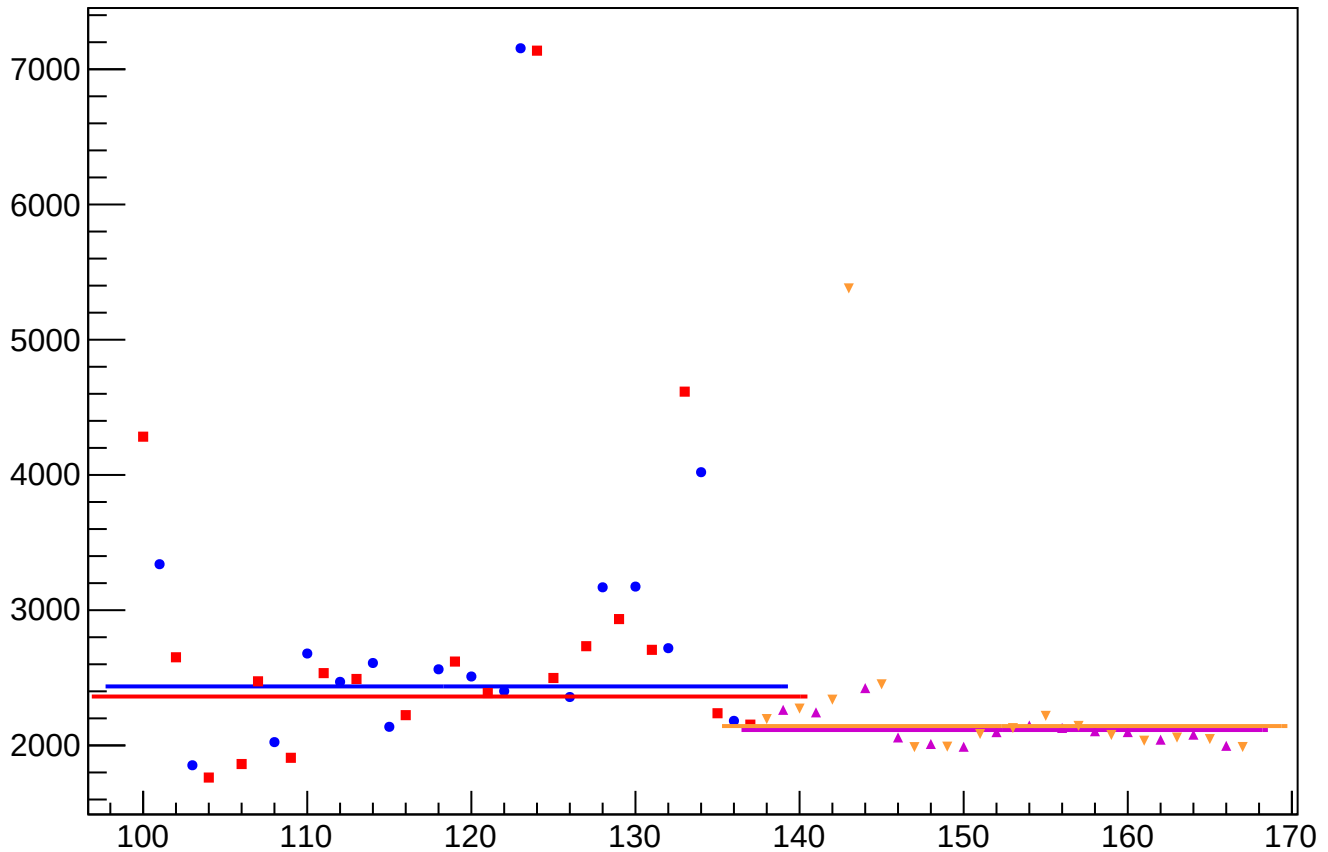
Left In: -590.274 ± 639.619 χ^2/NDF : 6.9/13

+ sign -1044.965 ± 525.705 χ^2/NDF : 41.5/32

All: -921.340 ± 371.869 χ^2/NDF : 57.7/65

- sign -797.529 ± 526.099 χ^2/NDF : 16.1/32

asym_at2_dd_rms vs Slug



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

Left Out: 2143.119+/-0.444 χ^2/NDF : 559731.3/15

Right Out: 2361.558+/-0.654 χ^2/NDF : 655845.9/18

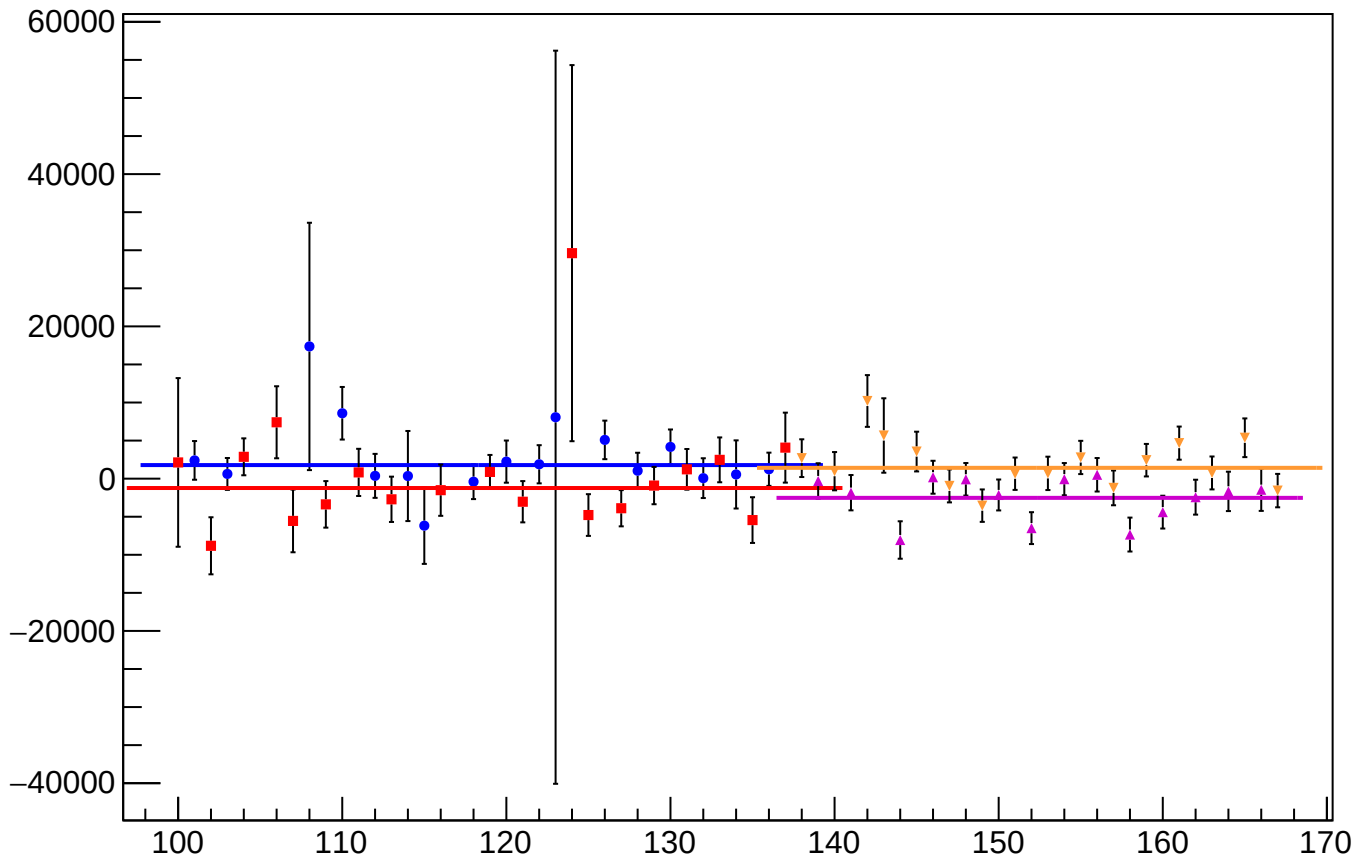
Left In: 2113.822+/-0.452 χ^2/NDF : 59398.6/13

+ sign 2230.674+/-0.372 χ^2/NDF : 1158543.8/32

All: 2212.329+/-0.263 χ^2/NDF : 1975712.1/65

- sign 2193.956+/-0.372 χ^2/NDF : 812293.6/32

dit_asym_atl_avg_mean vs Slug



Right In: 1783.505 ± 694.403 χ^2/NDF : 12.4/16

Left Out: 1420.951 ± 590.487 χ^2/NDF : 23.8/15

Right Out: -1229.293 ± 708.144 χ^2/NDF : 24.2/18

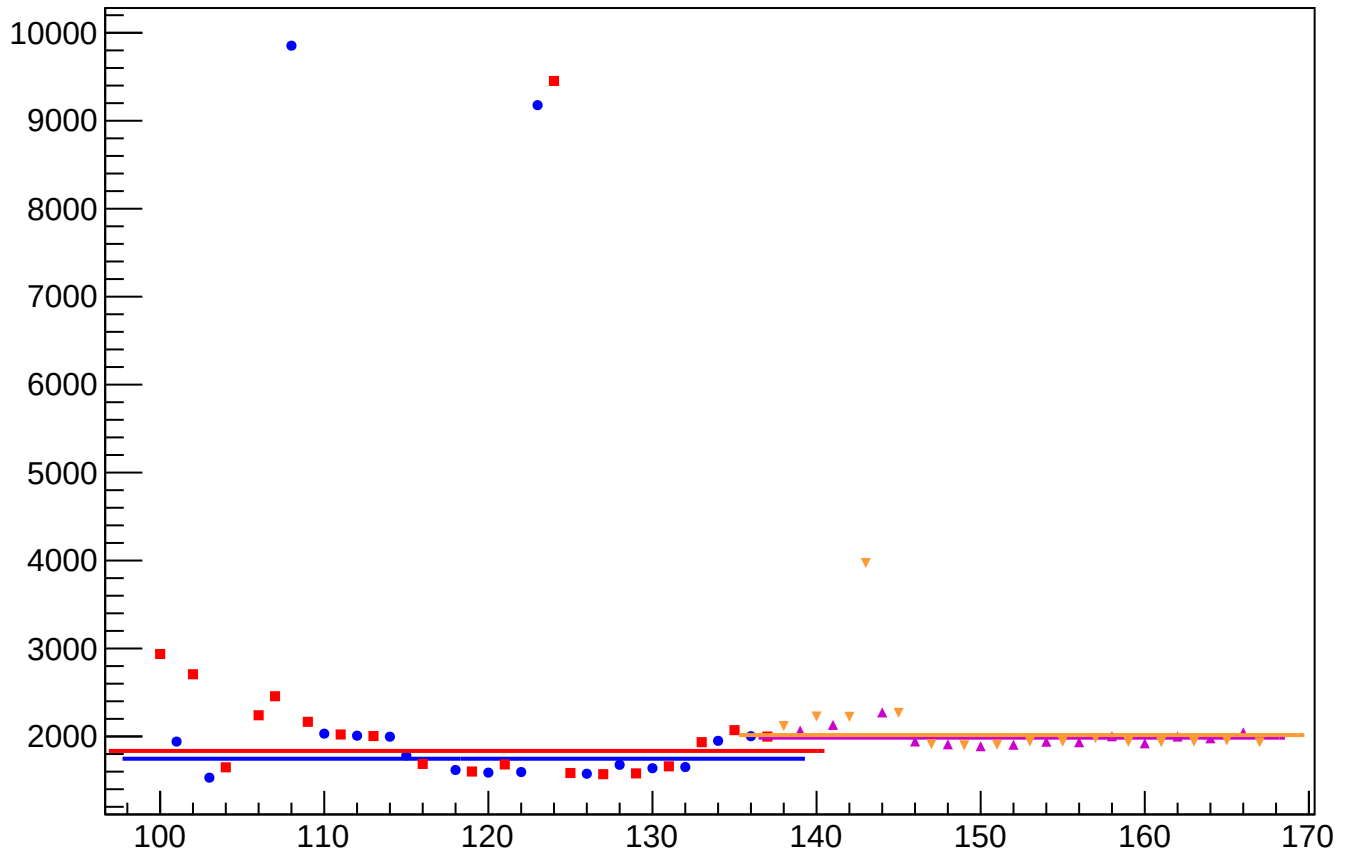
Left In: -2522.073 ± 602.501 χ^2/NDF : 21.5/13

+ sign 1573.097 ± 449.837 χ^2/NDF : 36.4/32

All: -167.698 ± 321.234 χ^2/NDF : 114.6/65

- sign -1979.214 ± 458.884 χ^2/NDF : 47.7/32

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2015.642 $\pm$ 0.418 χ^2 /NDF: 396614.1/15

Right Out: 1835.413 $\pm$ 0.500 χ^2 /NDF: 550402.9/18

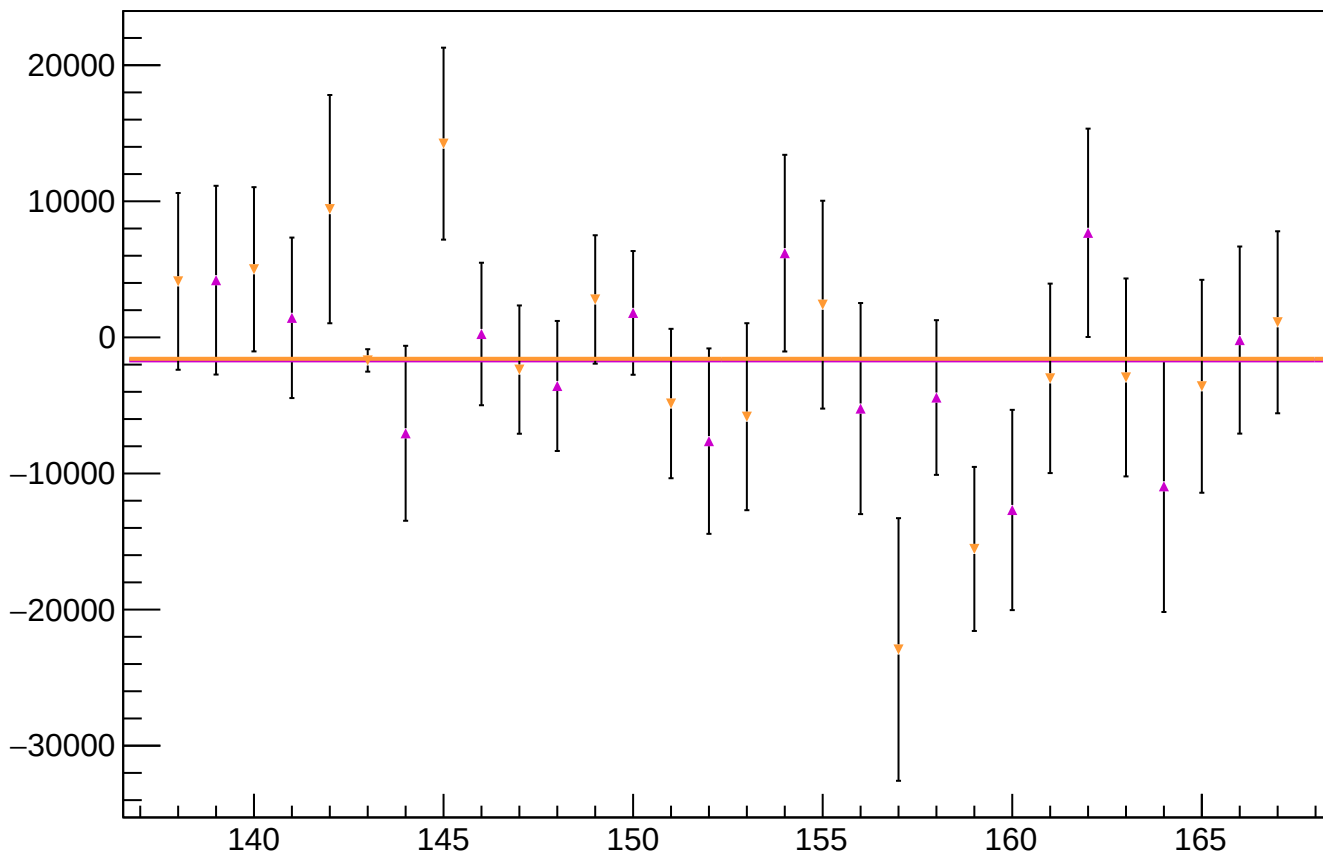
Left In: 1986.111 $\pm$ 0.426 χ^2 /NDF: 53217.5/13

+ sign 1902.837 $\pm$ 0.318 χ^2 /NDF: 1253028.0/32

All: 1912.597 $\pm$ 0.227 χ^2 /NDF: 1911181.4/65

- sign 1922.742 $\pm$ 0.324 χ^2 /NDF: 656233.4/32

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1572.776+/-738.172 χ^2/NDF :21.2/15

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

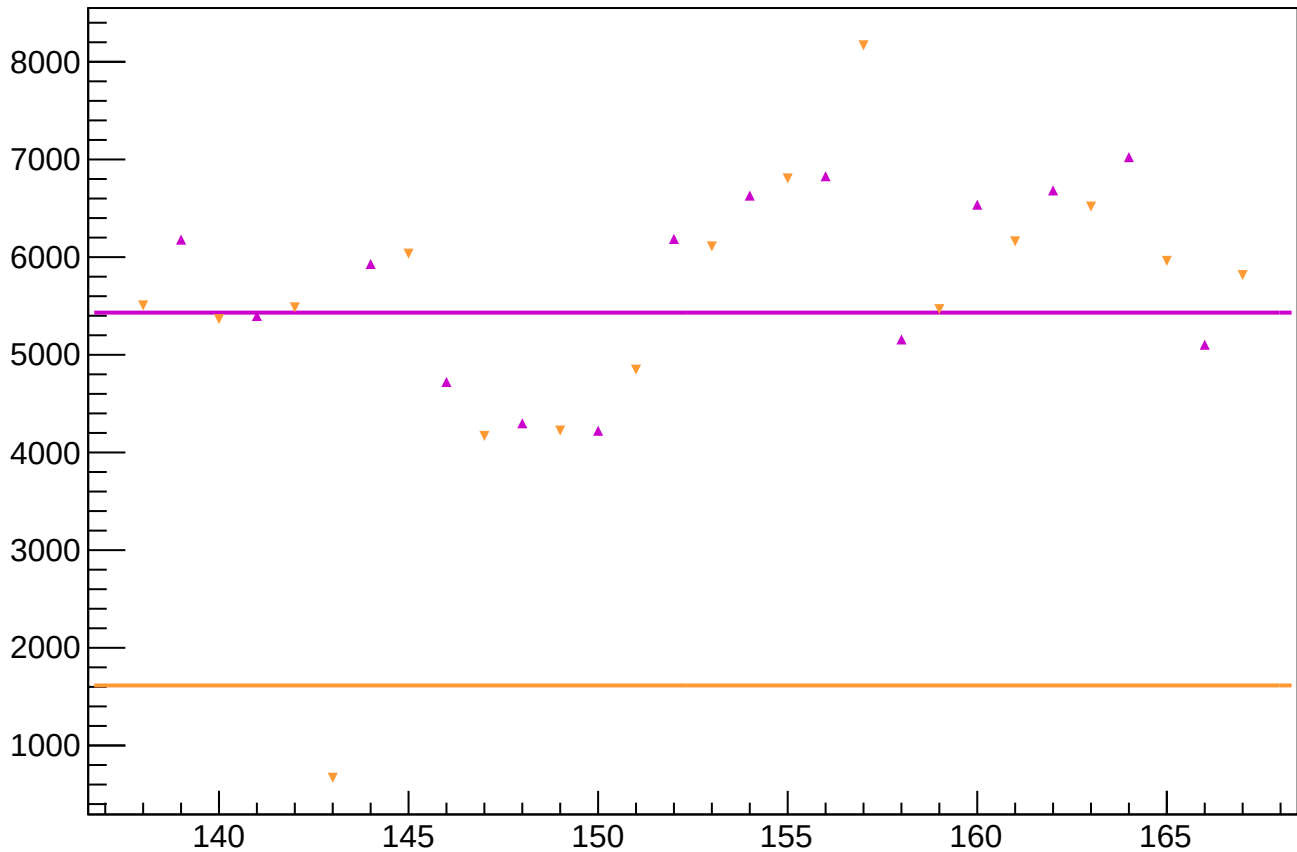
Left In: -1689.798+/-1668.564 χ^2/NDF :9.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1591.930+/-675.061 χ^2/NDF : 30.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_correction_rms vs Slug



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

Left Out: 1614.893+/-0.522 χ^2/NDF :13914624.9/15

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

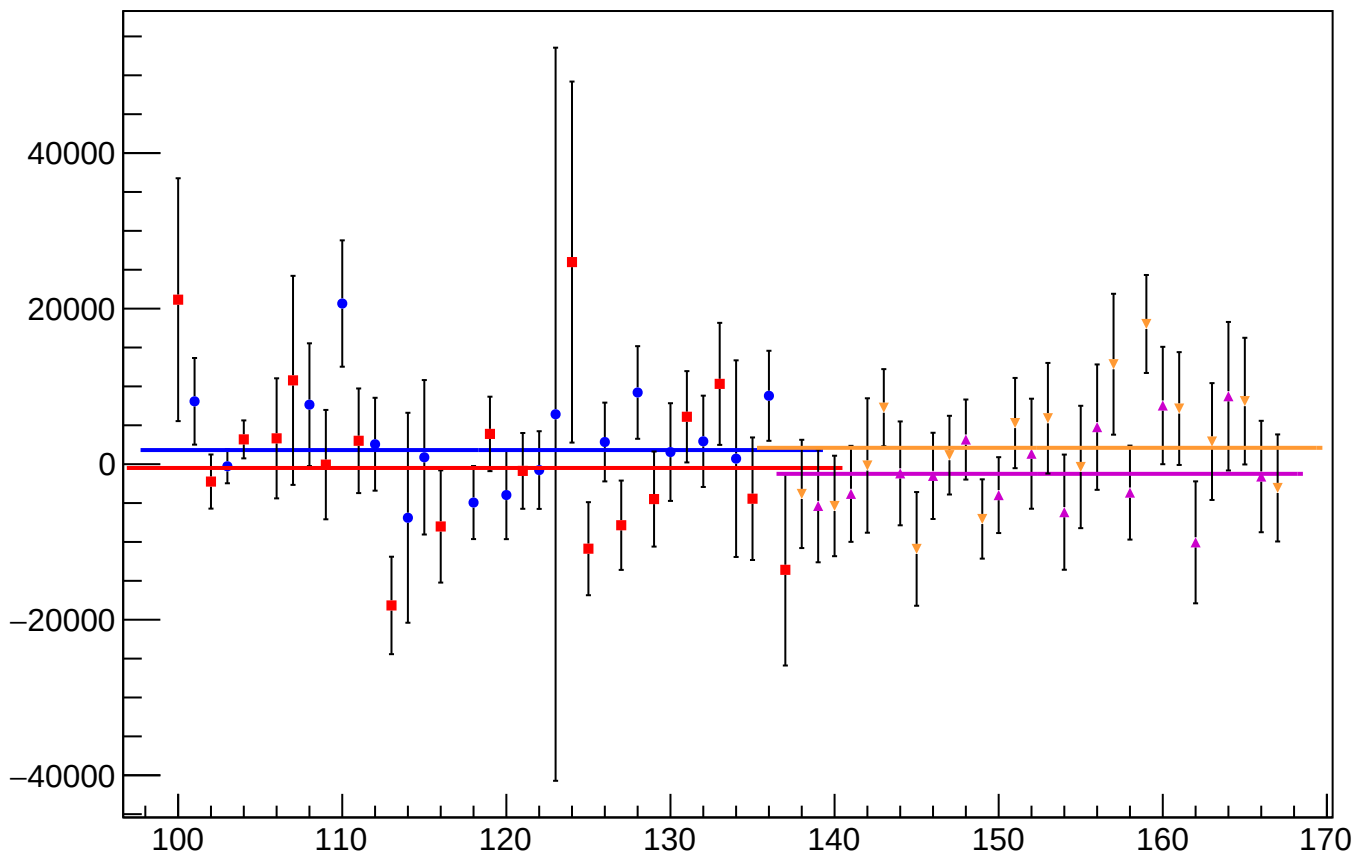
Left In: 5431.937+/-1.180 χ^2/NDF :637801.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2239.674+/-0.477 χ^2/NDF : 23305693.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: 2102.280+/-1642.199 χ^2/NDF : 19.7/15

Right Out: -488.360+/-1286.073 χ^2/NDF : 26.5/18

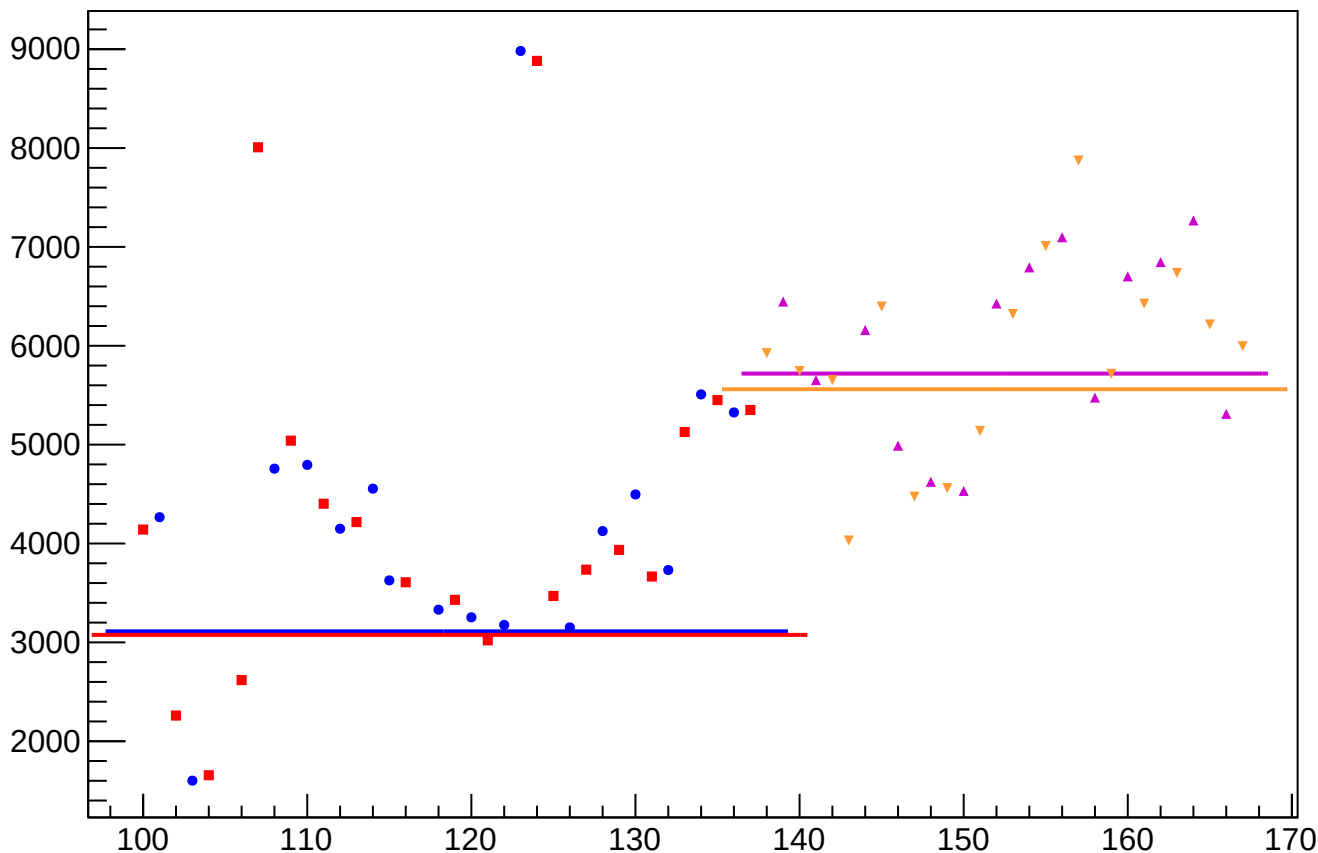
Left In: -1242.615+/-1753.272 χ^2/NDF : 6.6/13

+ sign 1925.360+/-1019.914 χ^2/NDF : 34.7/32

All: 608.809+/-727.154 χ^2/NDF : 71.3/65

- sign -752.222+/-1037.000 χ^2/NDF : 33.1/32

asym_atl_avg_rms vs Slug



Right In: 3111.560+/-0.920 χ^2/NDF : 1878991.5/16

Left Out: 5560.607+/-1.161 χ^2/NDF : 724338.7/15

Right Out: 3075.800+/-0.896 χ^2/NDF : 2009557.4/18

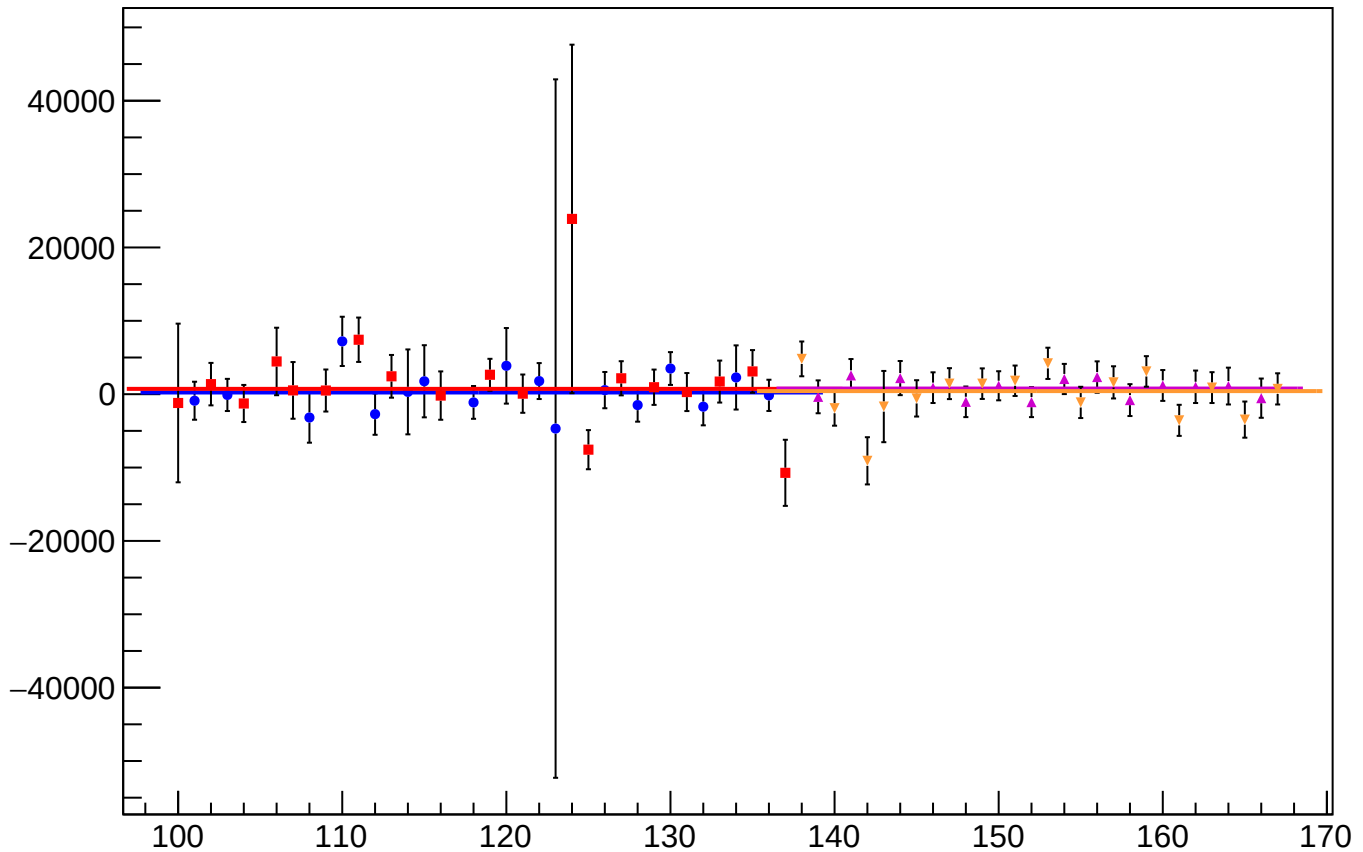
Left In: 5718.949+/-1.240 χ^2/NDF : 531166.6/13

+ sign 4056.208+/-0.721 χ^2/NDF : 5335695.7/32

All: 4019.865+/-0.512 χ^2/NDF : 10866840.6/6

- sign 3983.004+/-0.726 χ^2/NDF : 5526029.9/32

dit_asym_atl_dd_mean vs Slug



Right In: 232.323 $\pm$ 686.786 χ^2 /NDF: 11.5/16

Left Out: 420.718 $\pm$ 571.830 χ^2 /NDF: 26.1/15

Right Out: 726.169 $\pm$ 684.175 χ^2 /NDF: 25.8/18

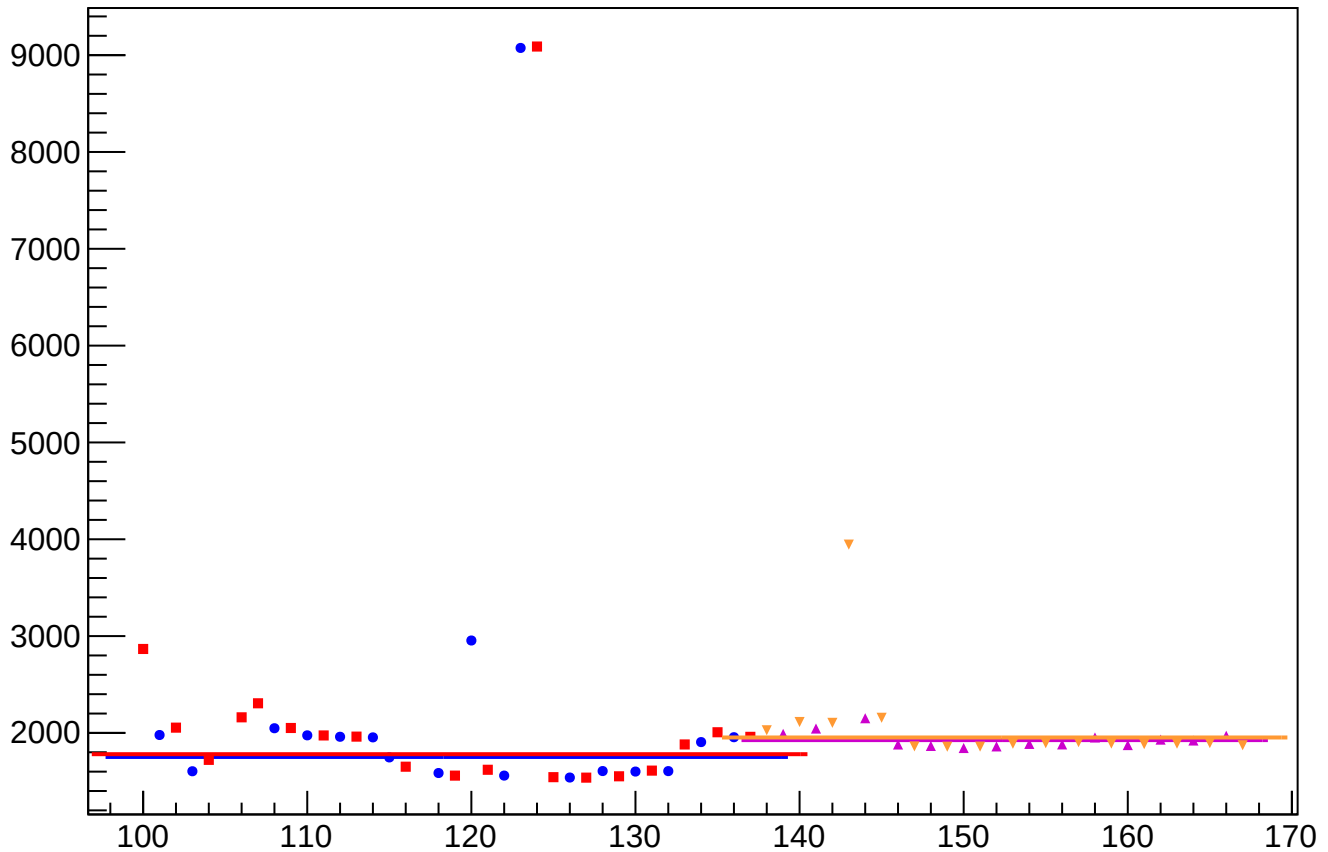
Left In: 768.693 $\pm$ 583.880 χ^2 /NDF: 4.7/13

+ sign 343.585 $\pm$ 439.446 χ^2 /NDF: 37.7/32

All: 545.019 $\pm$ 312.380 χ^2 /NDF: 68.6/65

- sign 750.774 $\pm$ 444.134 χ^2 /NDF: 30.5/32

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1952.748+/-0.404 χ^2/NDF : 391633.9/15

Right Out: 1780.209+/-0.483 χ^2/NDF : 428327.5/18

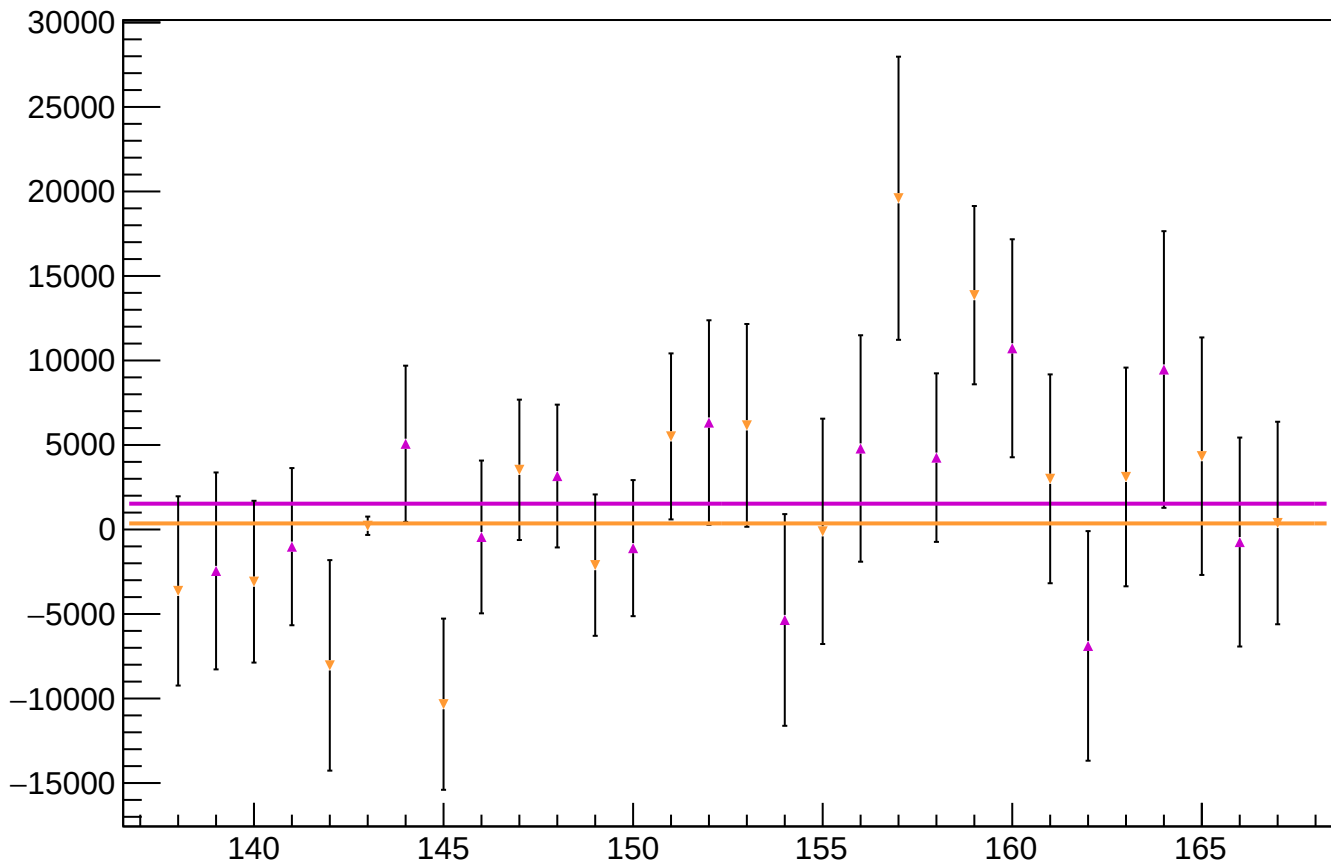
Left In: 1925.754+/-0.413 χ^2/NDF : 37933.8/13

+ sign 1870.496+/-0.311 χ^2/NDF : 793600.4/32

All: 1867.433+/-0.221 χ^2/NDF : 1312522.7/65

- sign 1864.309+/-0.314 χ^2/NDF : 518726.1/32

asym_atl_dd_correction_mean vs Slug



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

Left Out: 359.231+/-507.142 χ^2/NDF : 22.9/15

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

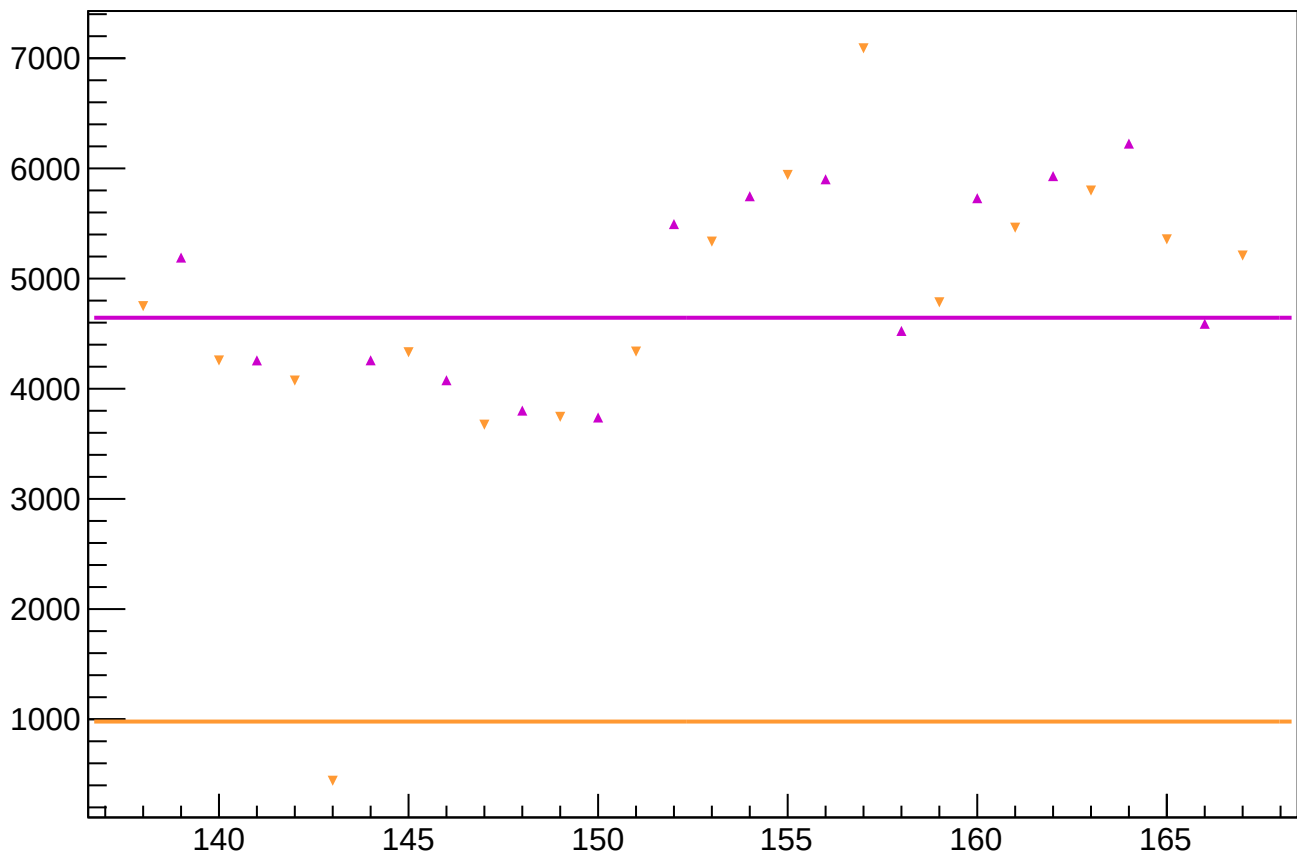
Left In: 1527.150+/-1426.644 χ^2/NDF : 9.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.258+/-477.848 χ^2/NDF : 32.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_correction_rms vs Slug



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

Left Out: 979.081+/-0.359 χ^2/NDF :16030080.5/15

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

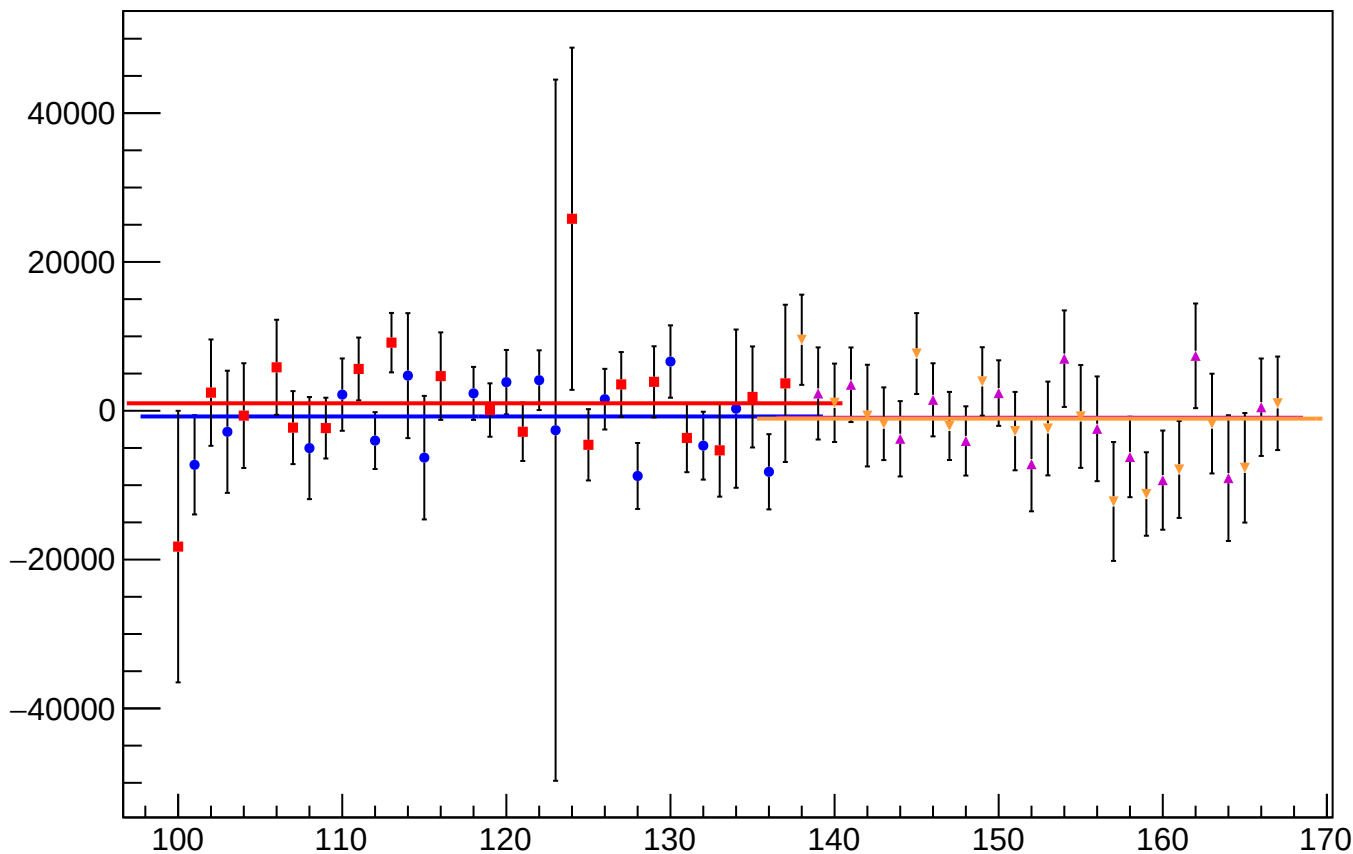
Left In: 4644.463+/-1.009 χ^2/NDF :633731.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1390.296+/-0.338 χ^2/NDF : 28384626.3/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



Right In: -765.107 ± 1247.704 χ^2/NDF : 15.5/16

Left Out: -1055.251 ± 1451.382 χ^2/NDF : 14.4/15

Right Out: 1004.792 ± 1191.116 χ^2/NDF : 15.0/18

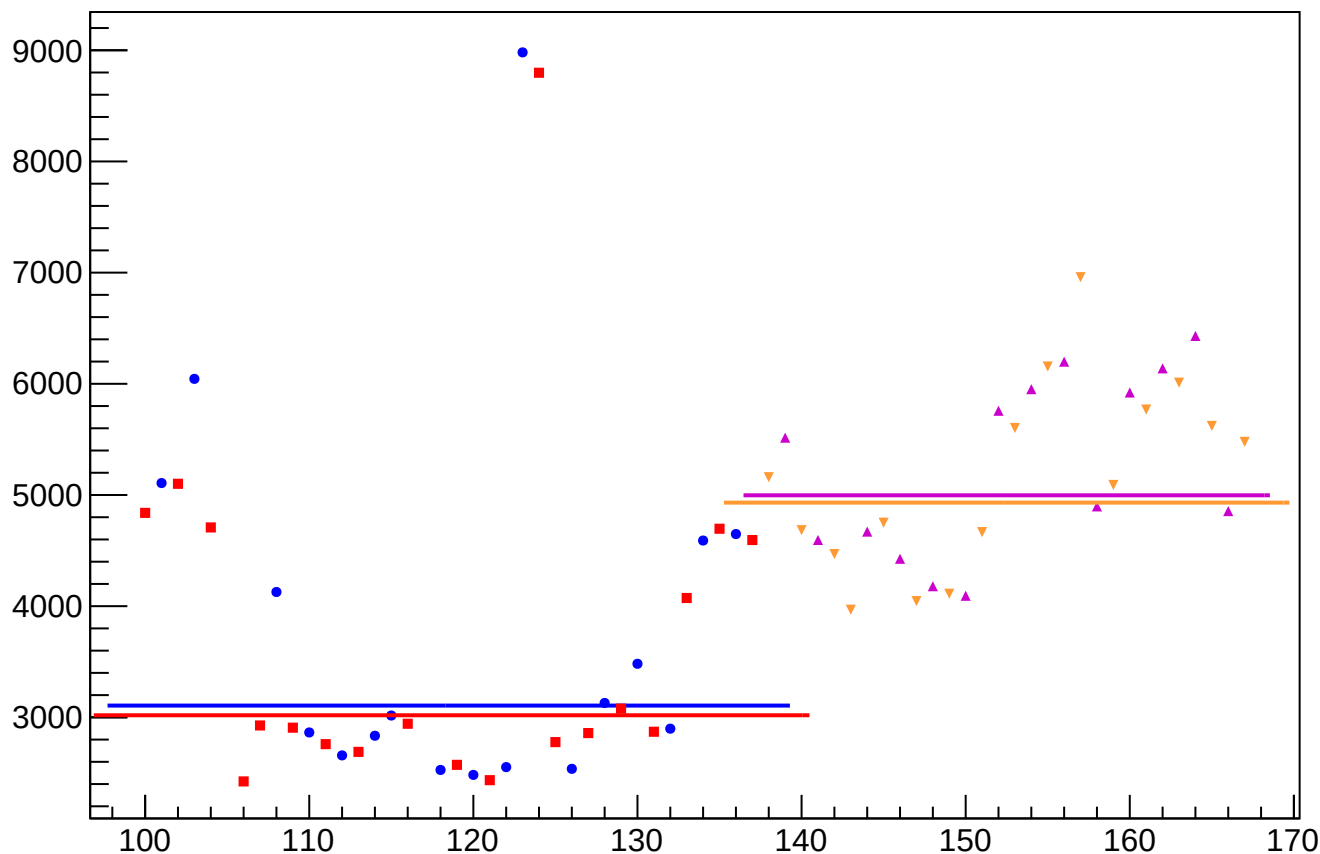
Left In: -938.207 ± 1529.959 χ^2/NDF : 10.0/13

+ sign -888.408 ± 946.147 χ^2/NDF : 30.0/32

All: -304.568 ± 666.796 χ^2/NDF : 56.8/65

- sign 271.550 ± 939.868 χ^2/NDF : 26.1/32

asym_atl_dd_rms vs Slug



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

Left Out: 4931.368+/-1.026 χ^2 /NDF: 573470.0/15

Right Out: 3018.781+/-0.832 χ^2 /NDF: 794275.0/18

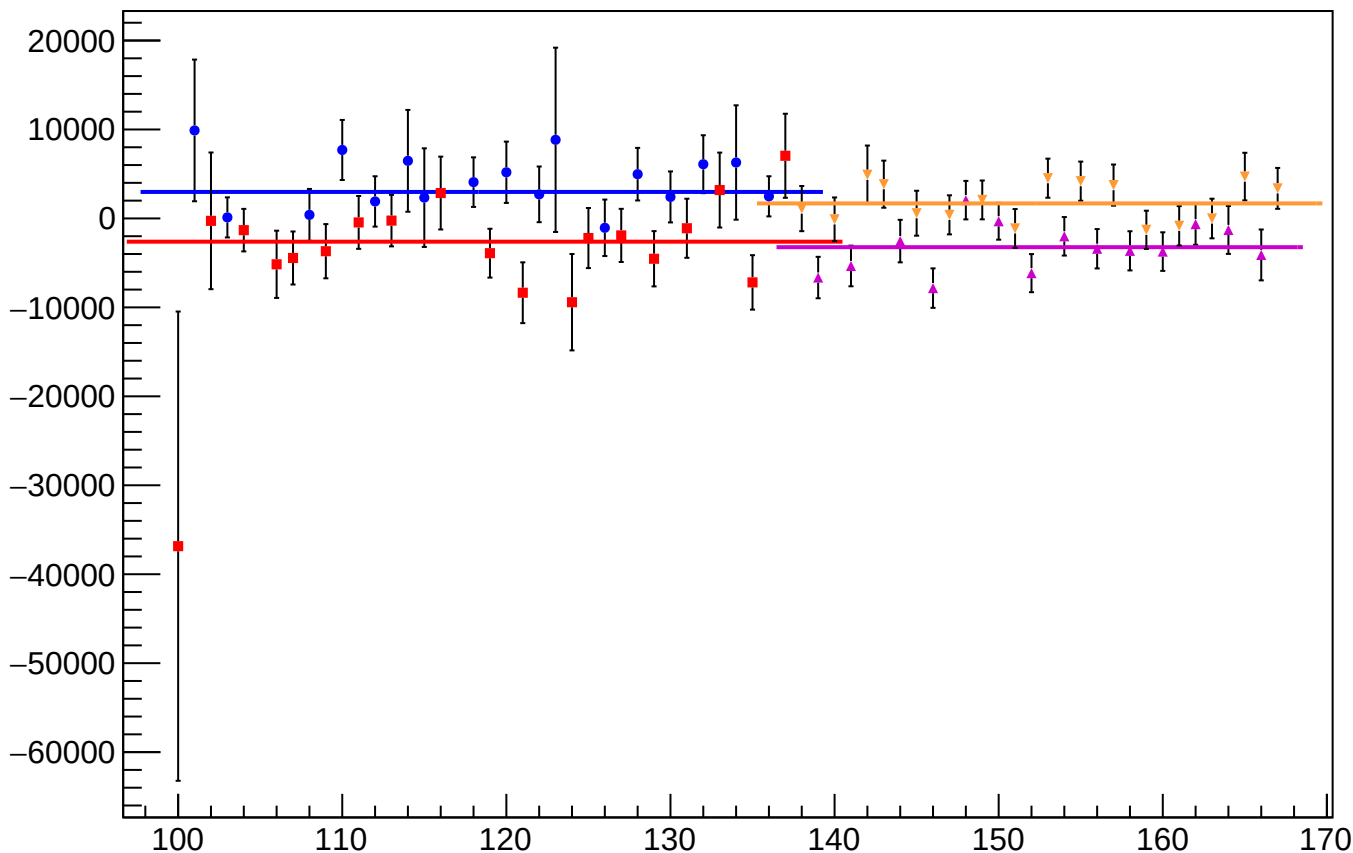
Left In: 4997.212+/-1.082 χ^2 /NDF: 489068.4/13

+ sign 3881.627+/-0.669 χ^2 /NDF: 3352723.7/32

All: 3816.776+/-0.470 χ^2 /NDF: 6756500.1/65

- sign 3753.779+/-0.659 χ^2 /NDF: 3385252.7/32

dit_asym_atr_avg_mean vs Slug



Right In: 2978.445 $\pm$ 795.398 χ^2 /NDF: 9.9/16

Left Out: 1687.749 $\pm$ 587.871 χ^2 /NDF:13.8/15

Right Out: -2613.881 $\pm$ 783.228 χ^2 /NDF: 19.6/18

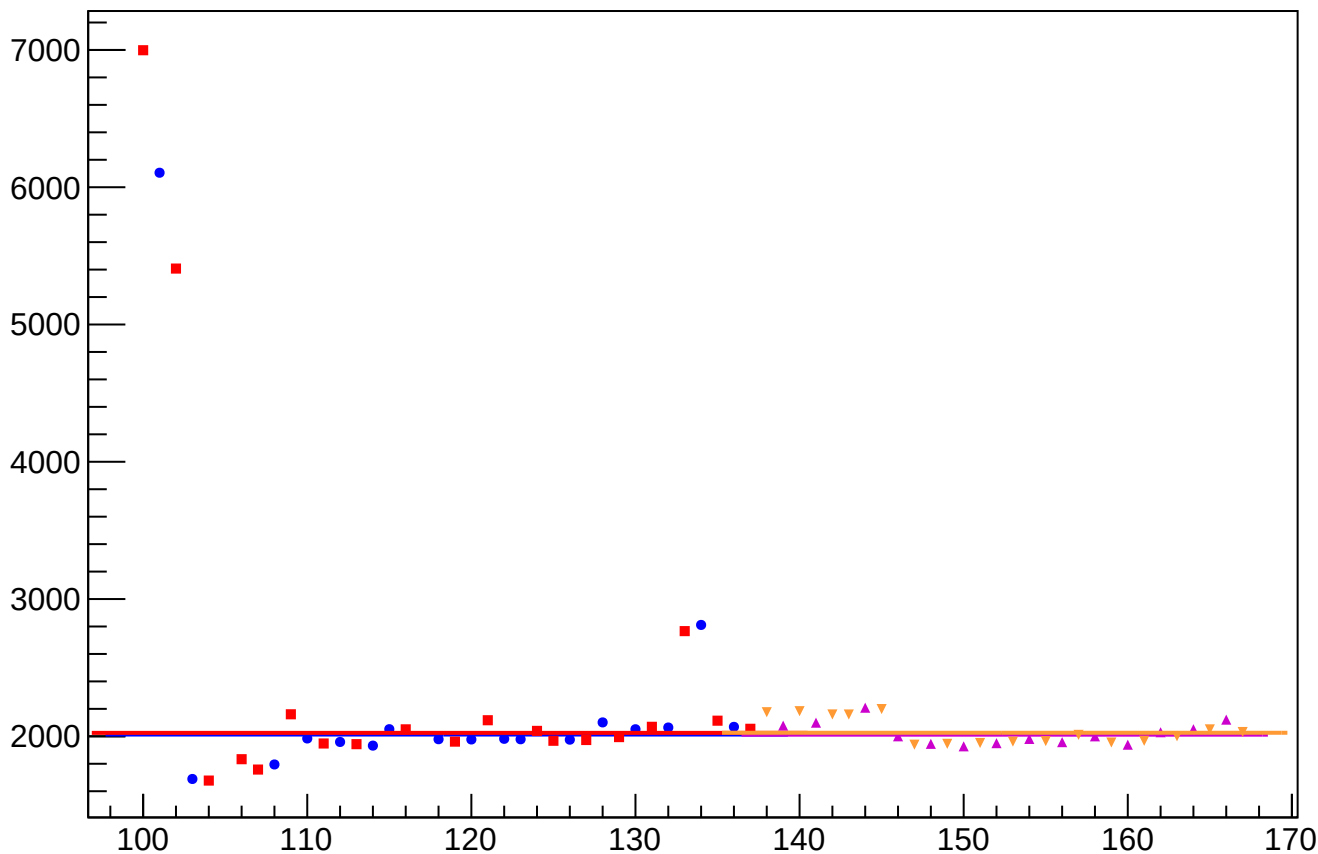
Left In: -3232.602 $\pm$ 608.495 χ^2 /NDF:19.5/13

+ sign 2143.721 $\pm$ 472.761 χ^2 /NDF: 25.4/32

All: -386.138 $\pm$ 337.002 χ^2 /NDF: 123.0/65

- sign -2999.717 $\pm$ 480.520 χ^2 /NDF: 39.5/32

dit_asym_atr_avg_rms vs Slug



Right In: 2012.945+/-0.562 χ^2/NDF : 617707.4/16

Left Out: 2025.900+/-0.416 χ^2/NDF : 48364.5/15

Right Out: 2025.070+/-0.554 χ^2/NDF : 597422.5/18

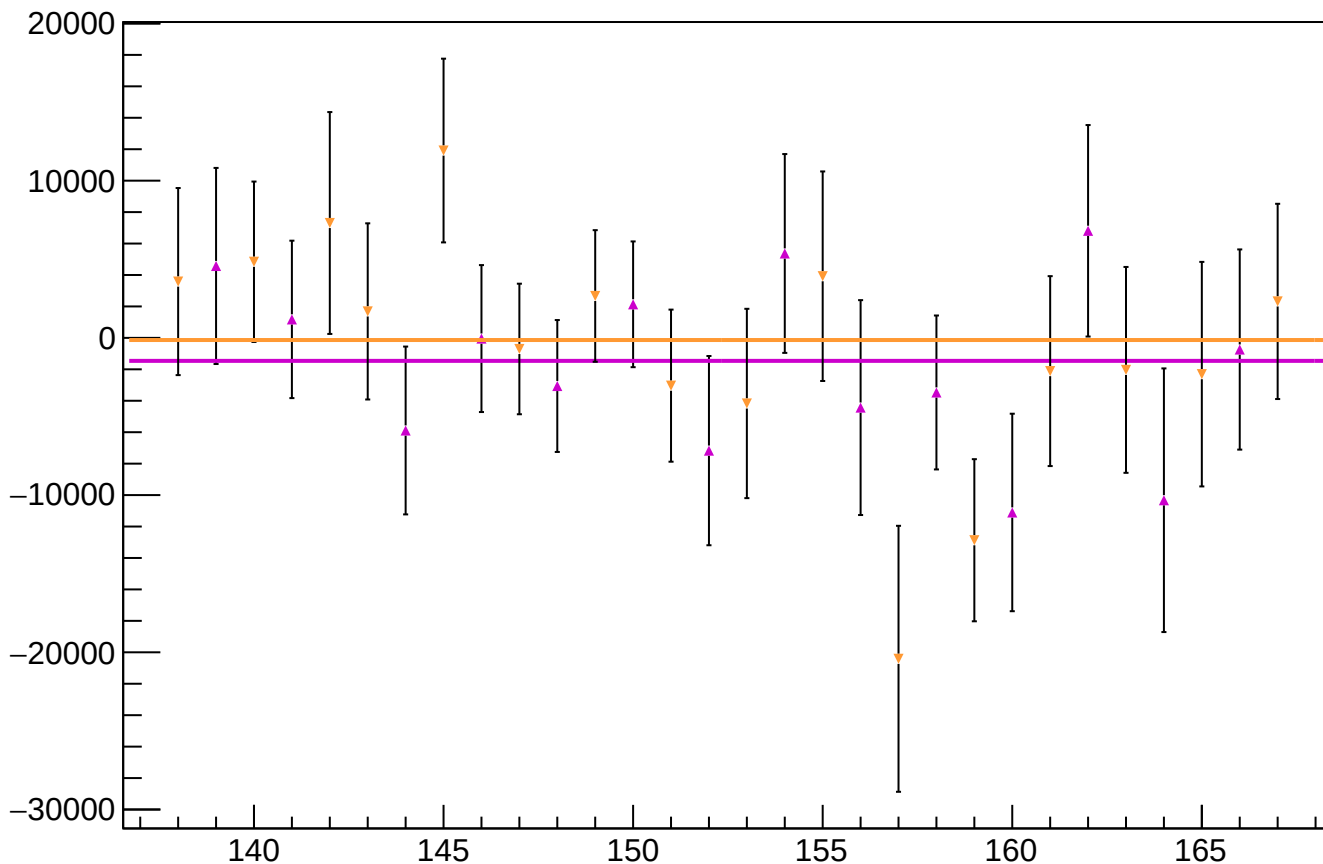
Left In: 2011.943+/-0.430 χ^2/NDF : 32451.2/13

+ sign 2021.323+/-0.334 χ^2/NDF : 666415.1/32

All: 2019.140+/-0.238 χ^2/NDF : 1296725.9/65

- sign 2016.886+/-0.340 χ^2/NDF : 630224.2/32

asym_atr_avg_correction_mean vs Slug



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

Left Out: -136.694+/-1409.033 χ^2/NDF :20.7/15

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

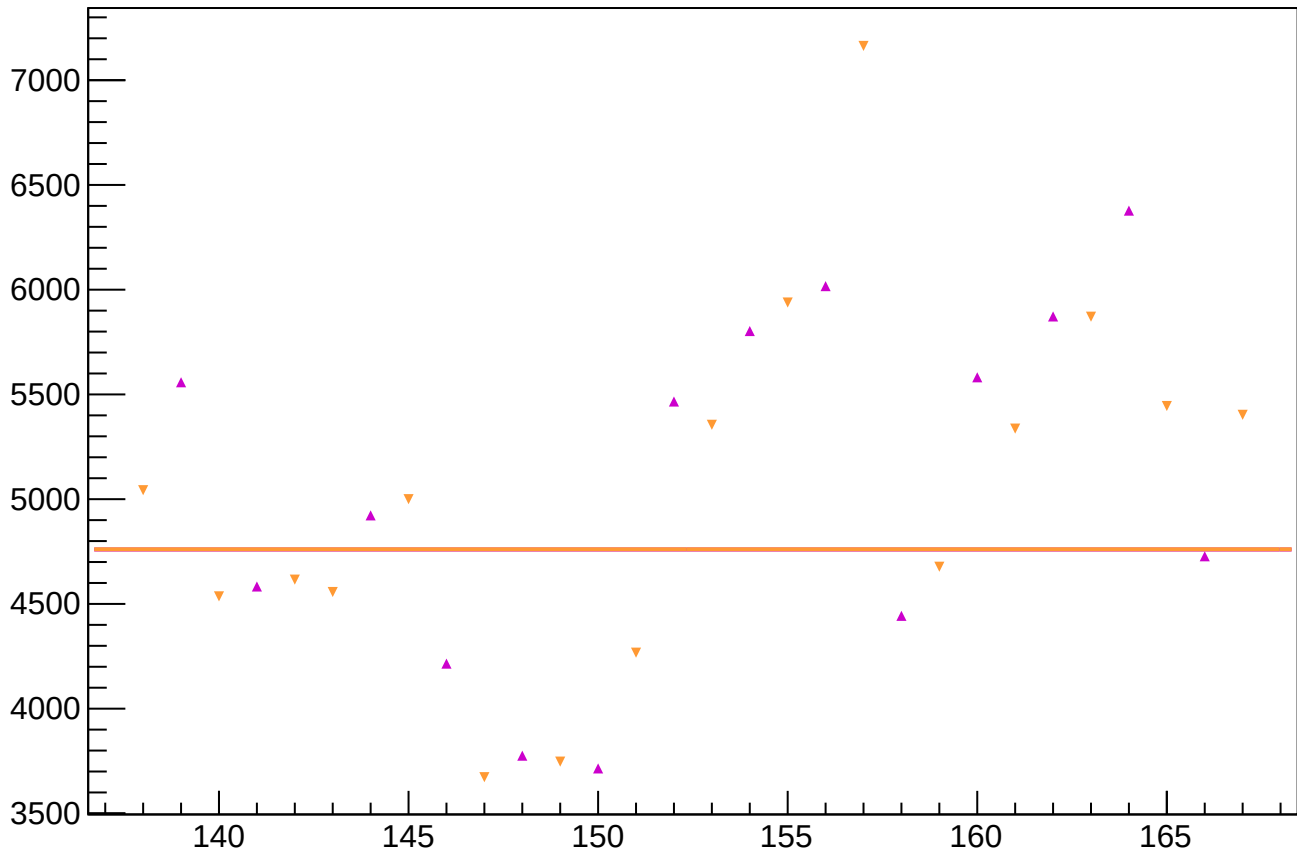
Left In: -1462.480+/-1461.904 χ^2/NDF :10.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -775.179+/-1014.514 χ^2/NDF : 31.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_correction_rms vs Slug



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

Left Out: 4760.796+/-0.996 χ^2/NDF : 649843.2/15

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

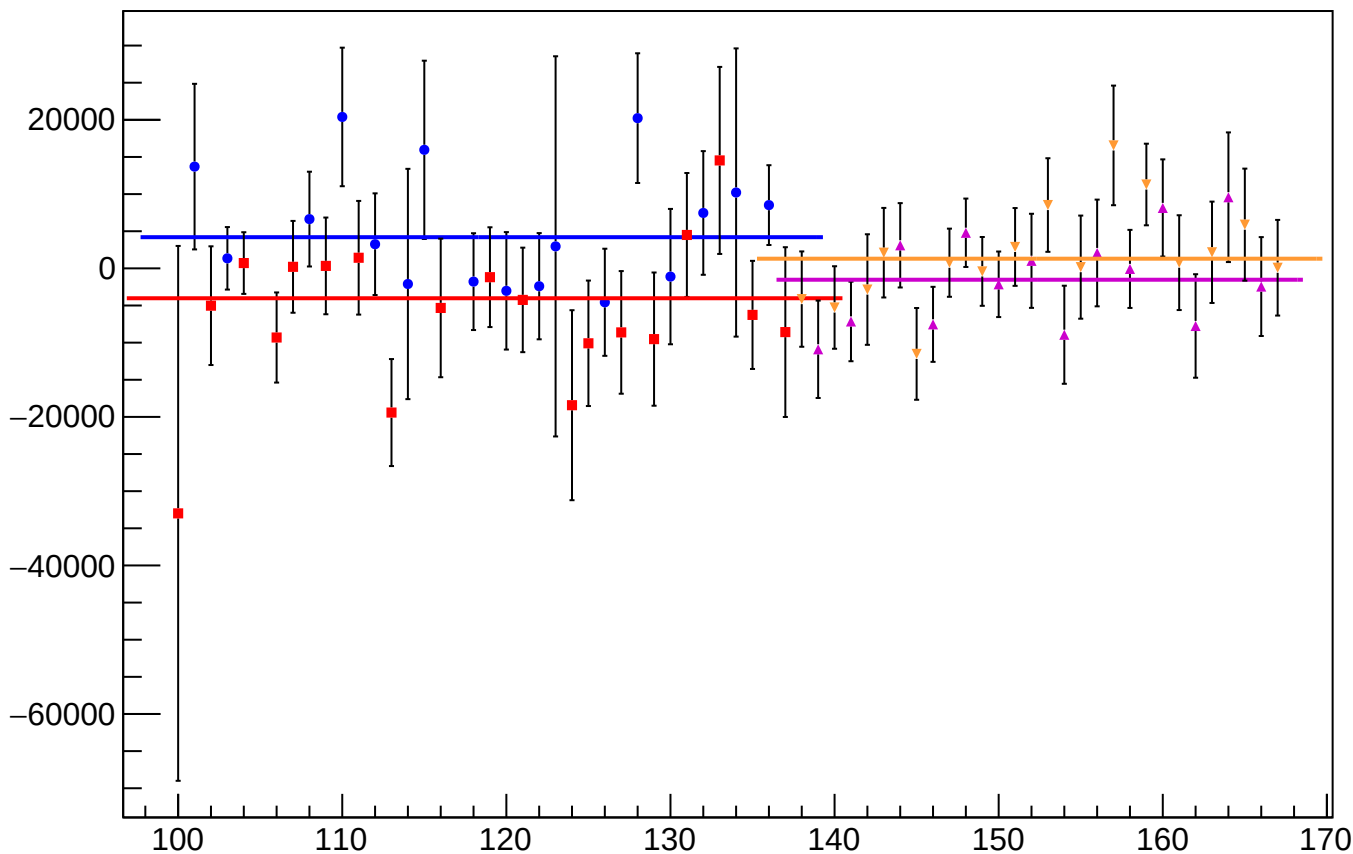
Left In: 4759.642+/-1.034 χ^2/NDF : 632328.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4760.240+/-0.717 χ^2/NDF : 1282172.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



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

Left Out: 1302.126+/-1505.564 χ^2/NDF : 15.7/15

Right Out: -4023.682+/-1725.187 χ^2/NDF : 14.8/18

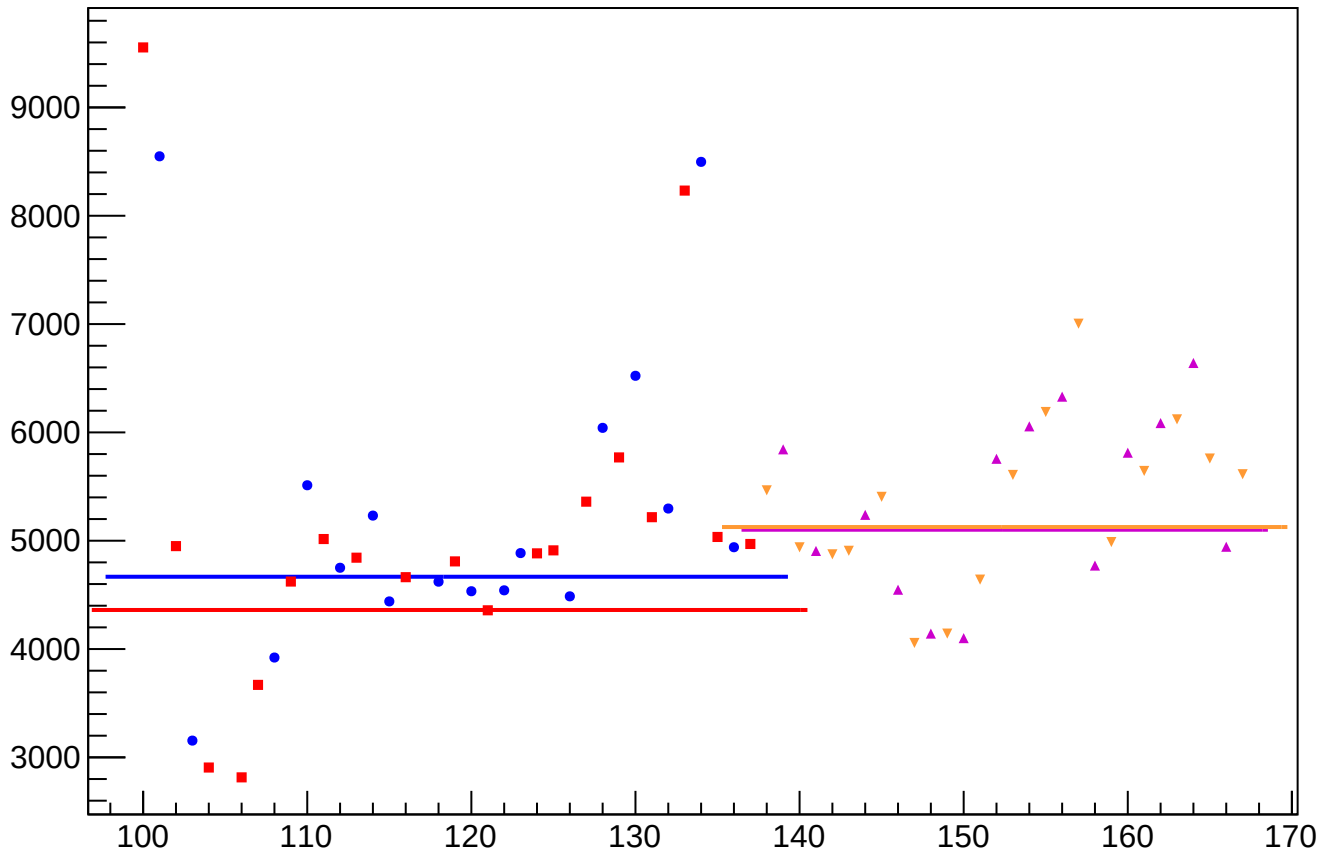
Left In: -1530.341+/-1561.862 χ^2/NDF : 13.5/13

+ sign 2450.380+/-1169.691 χ^2/NDF : 31.2/32

All: -127.488+/-822.878 χ^2/NDF : 70.3/65

- sign -2653.429+/-1157.850 χ^2/NDF : 29.5/32

asym_atr_avg_rms vs Slug



Right In: 4667.470 ± 1.314 $\chi^2/\text{NDF}: 777857.9/16$

Left Out: 5126.331 ± 1.065 $\chi^2/\text{NDF}: 482547.3/15$

Right Out: 4360.582 ± 1.213 $\chi^2/\text{NDF}: 832745.2/18$

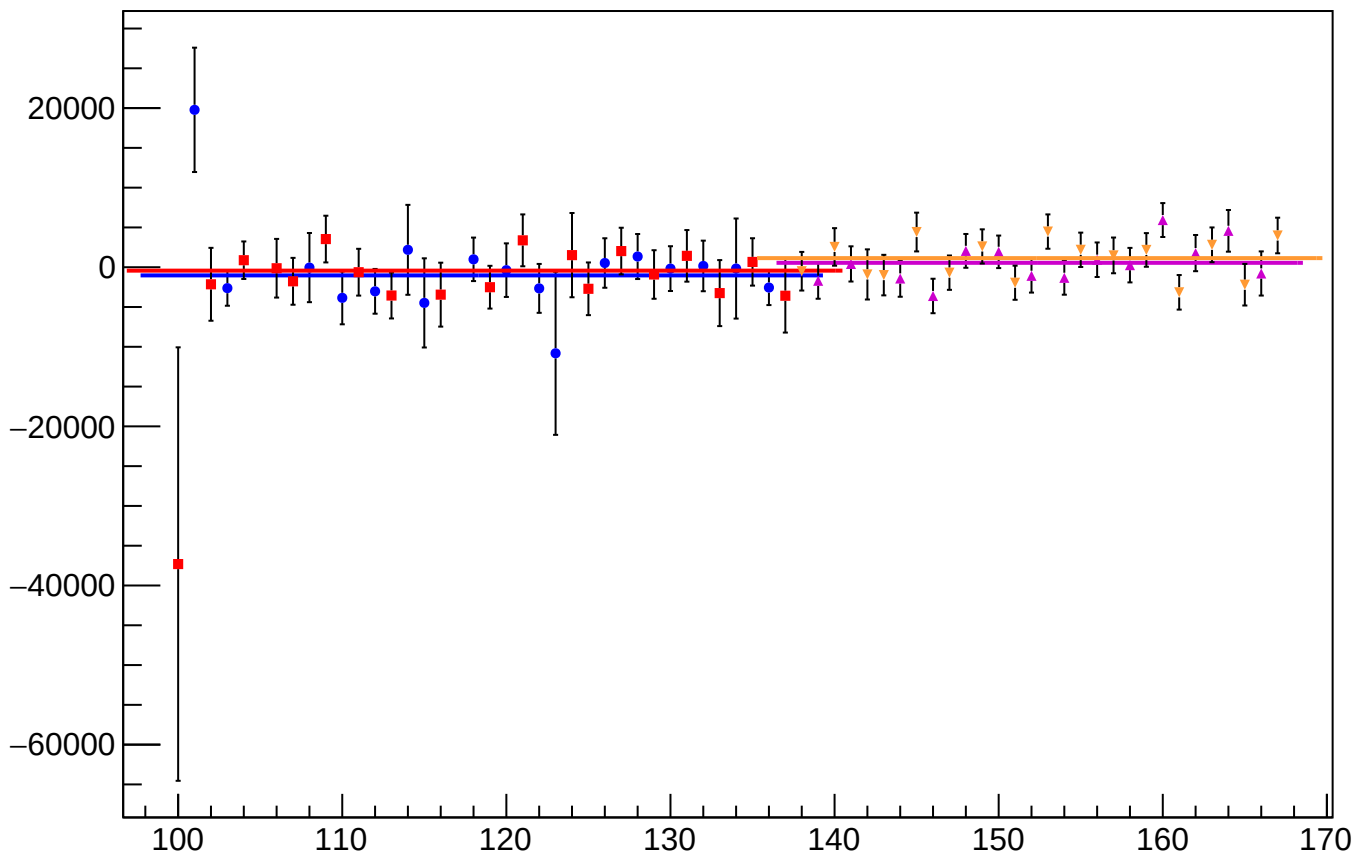
Left In: 5101.484 ± 1.104 $\chi^2/\text{NDF}: 499503.2/13$

+ sign 4944.435 ± 0.827 $\chi^2/\text{NDF}: 1334049.0/32$

All: 4853.889 ± 0.581 $\chi^2/\text{NDF}: 2893975.6/65$

- sign 4765.631 ± 0.817 $\chi^2/\text{NDF}: 1536260.1/32$

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1144.026 ± 573.455 χ^2/NDF : 17.7/15

Right Out: -428.488 ± 760.817 χ^2/NDF : 10.8/18

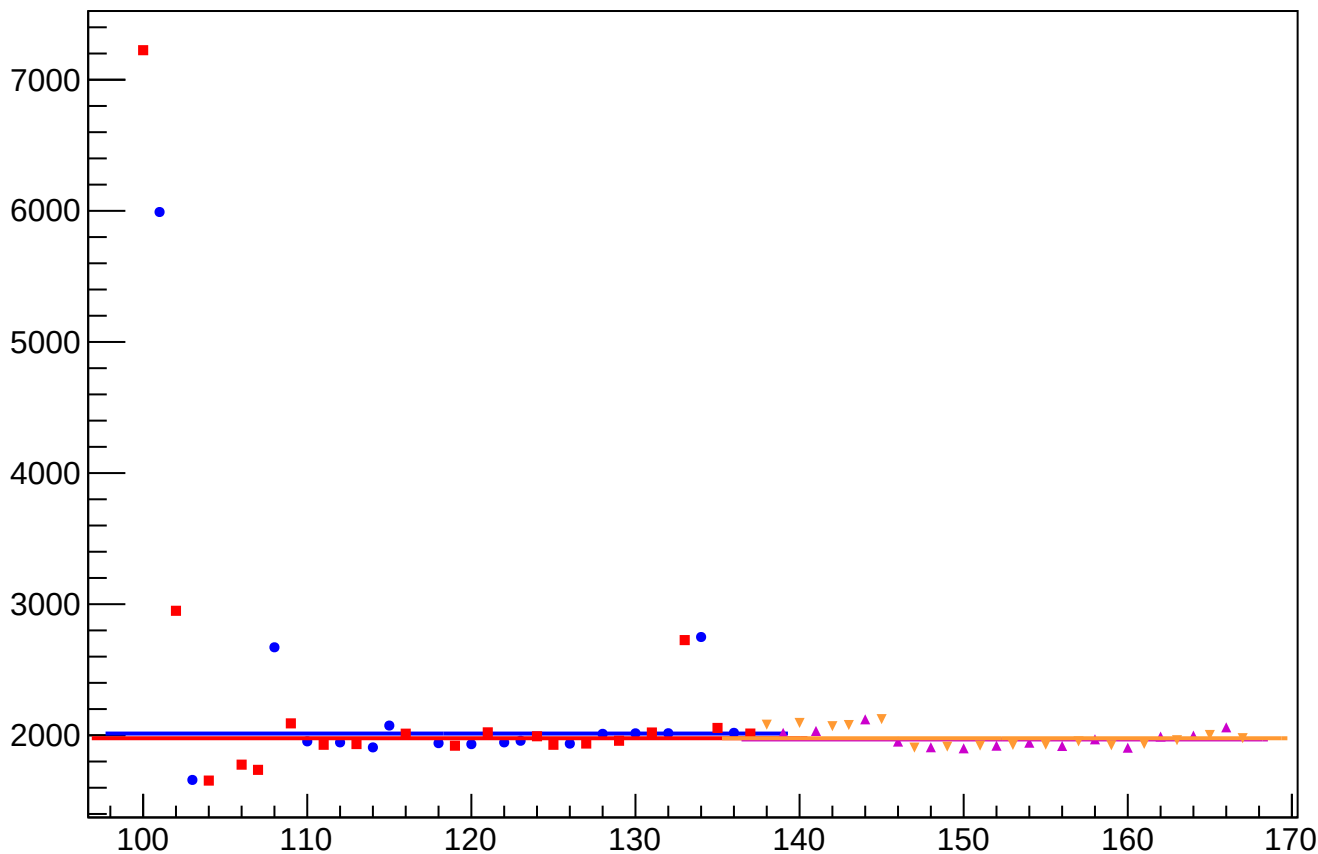
Left In: 553.953 ± 595.073 χ^2/NDF : 17.1/13

+ sign 402.955 ± 465.405 χ^2/NDF : 35.6/32

All: 292.796 ± 330.259 χ^2/NDF : 64.6/65

- sign 181.058 ± 468.727 χ^2/NDF : 28.9/32

dit_asym_atr_dd_rms vs Slug



Right In: 2013.270+/-0.563 χ^2/NDF : 650048.6/16

Left Out: 1977.383+/-0.405 χ^2/NDF : 30546.7/15

Right Out: 1977.545+/-0.537 χ^2/NDF : 294899.1/18

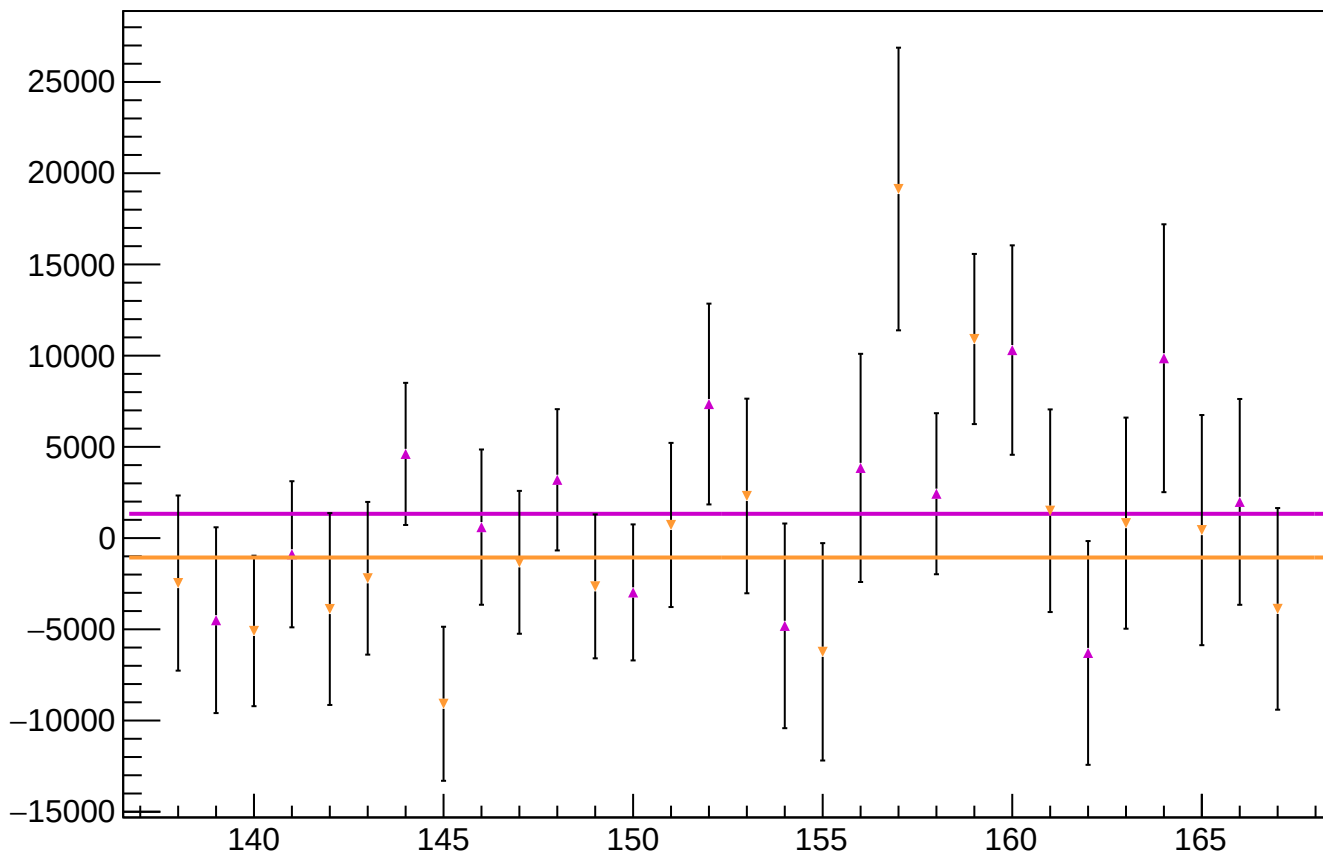
Left In: 1968.260+/-0.421 χ^2/NDF : 22233.9/13

+ sign 1989.632+/-0.329 χ^2/NDF : 683268.9/32

All: 1980.770+/-0.233 χ^2/NDF : 1002047.2/65

- sign 1971.789+/-0.331 χ^2/NDF : 317318.1/32

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1064.044+/-1215.770 χ^2/NDF : 20.5/15

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

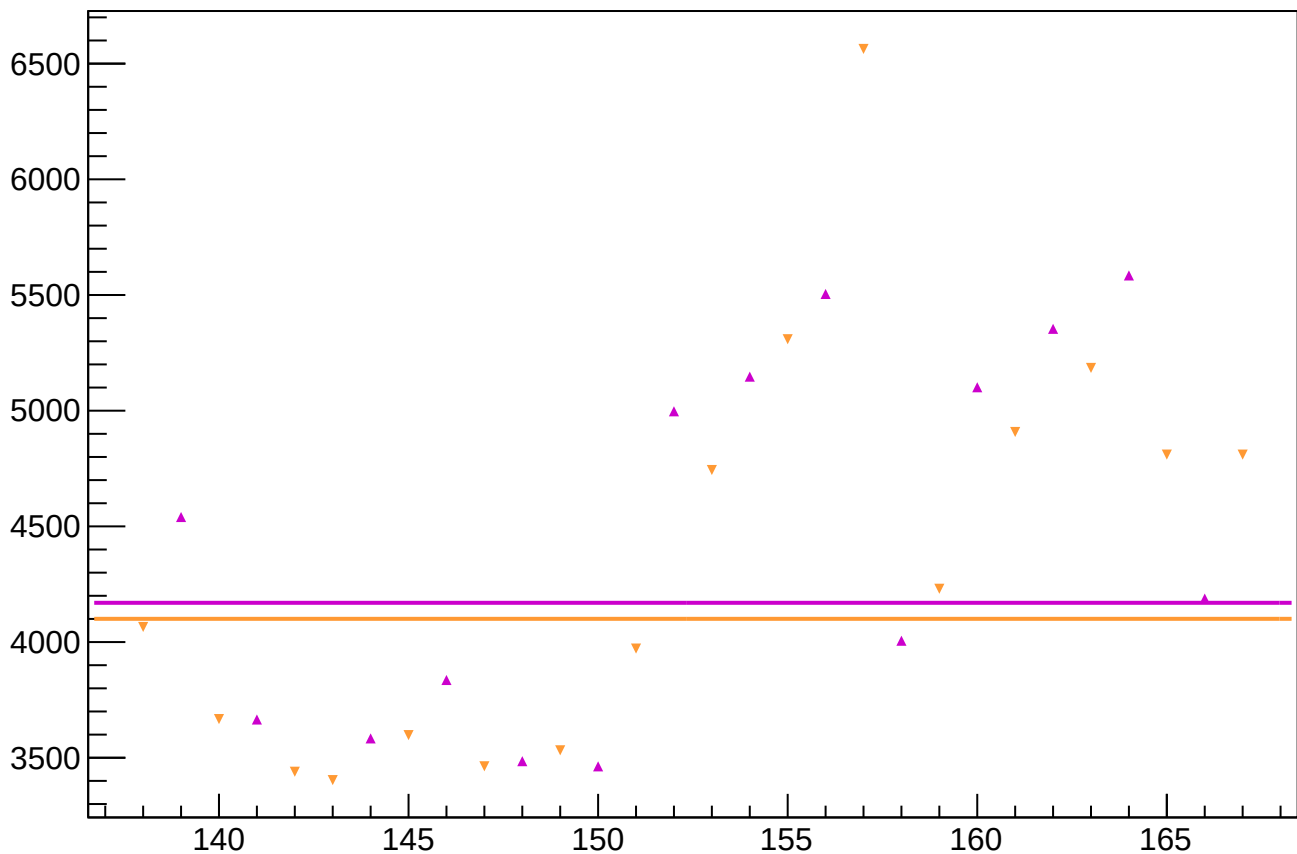
Left In: 1330.762+/-1281.092 χ^2/NDF : 11.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.751+/-881.868 χ^2/NDF : 34.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_correction_rms vs Slug



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

Left Out: 4100.454+/-0.860 χ^2/NDF : 719646.7/15

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

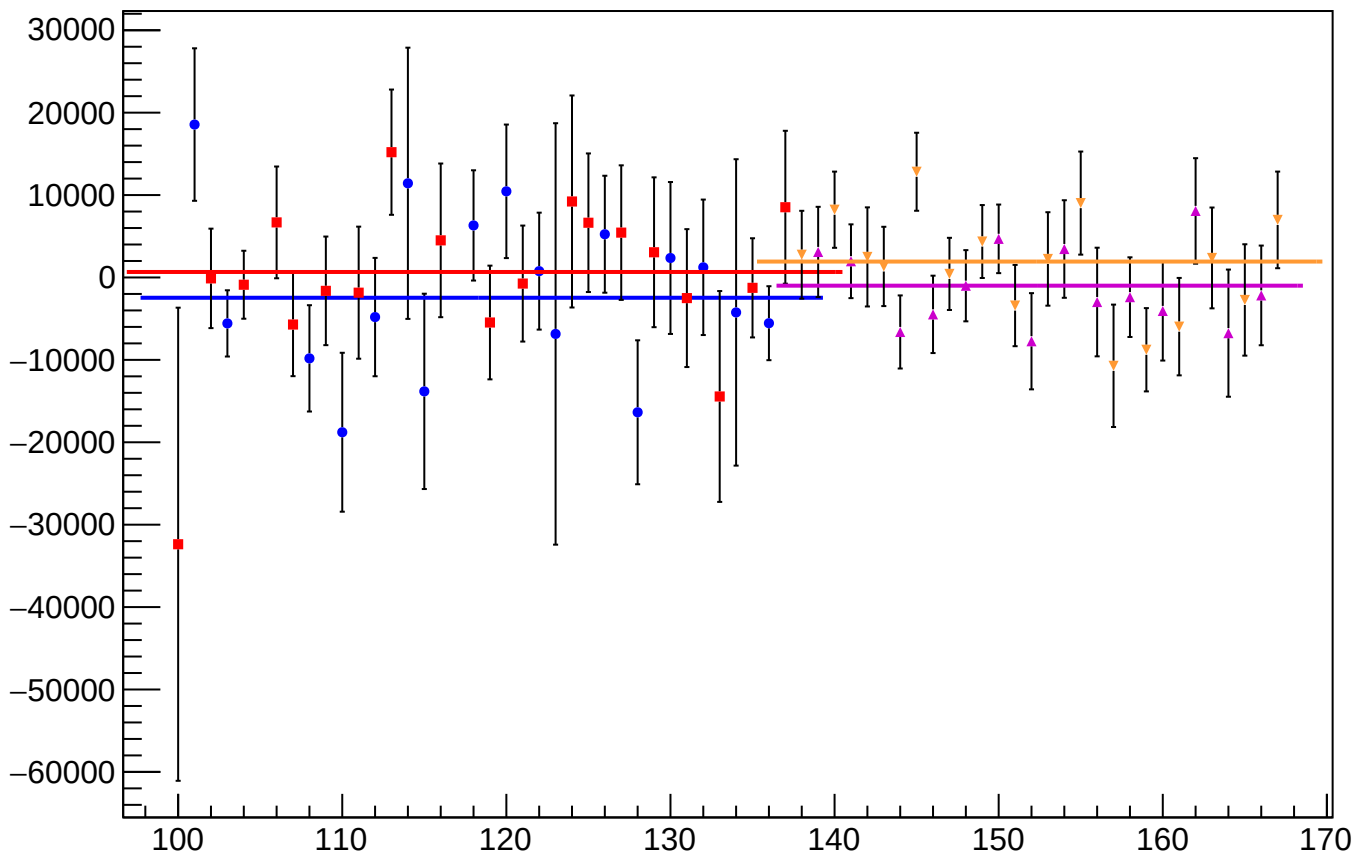
Left In: 4169.699+/-0.906 χ^2/NDF : 635677.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4133.266+/-0.624 χ^2/NDF : 1358398.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 1930.422 $\pm$ 1333.890 χ^2 /NDF:20.5/15

Right Out: 666.170 $\pm$ 1689.812 χ^2 /NDF: 11.9/18

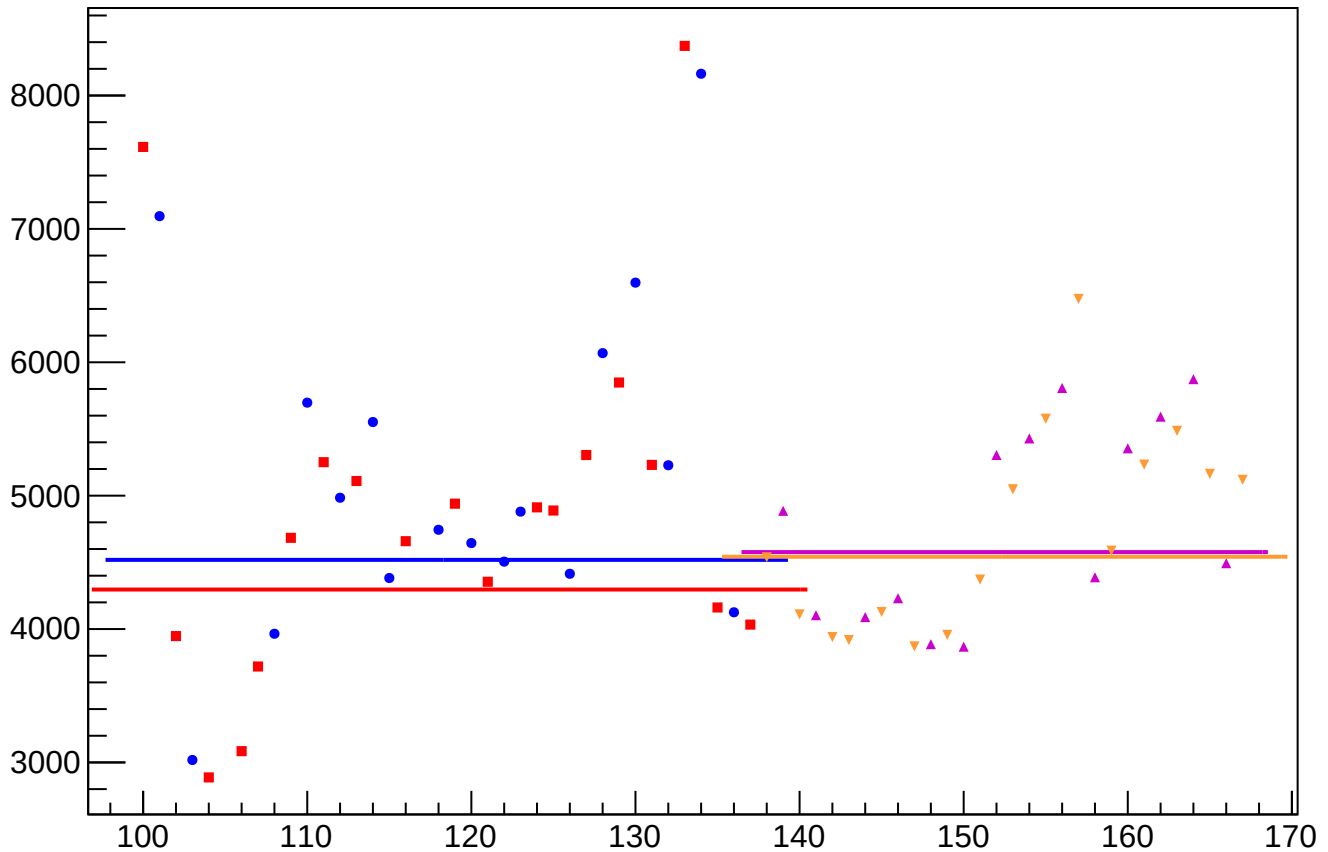
Left In: -996.238 $\pm$ 1399.557 χ^2 /NDF:10.0/13

+ sign 370.249 $\pm$ 1071.126 χ^2 /NDF: 45.2/32

All: 27.362 $\pm$ 759.773 χ^2 /NDF: 67.8/65

- sign -319.855 $\pm$ 1077.869 χ^2 /NDF: 22.4/32

asym_atr_dd_rms vs Slug



Right In: 4518.684 ± 1.271 $\chi^2/\text{NDF}: 770226.9/16$

Left Out: 4542.012 ± 0.943 $\chi^2/\text{NDF}: 488496.2/15$

Right Out: 4296.379 ± 1.188 $\chi^2/\text{NDF}: 771702.5/18$

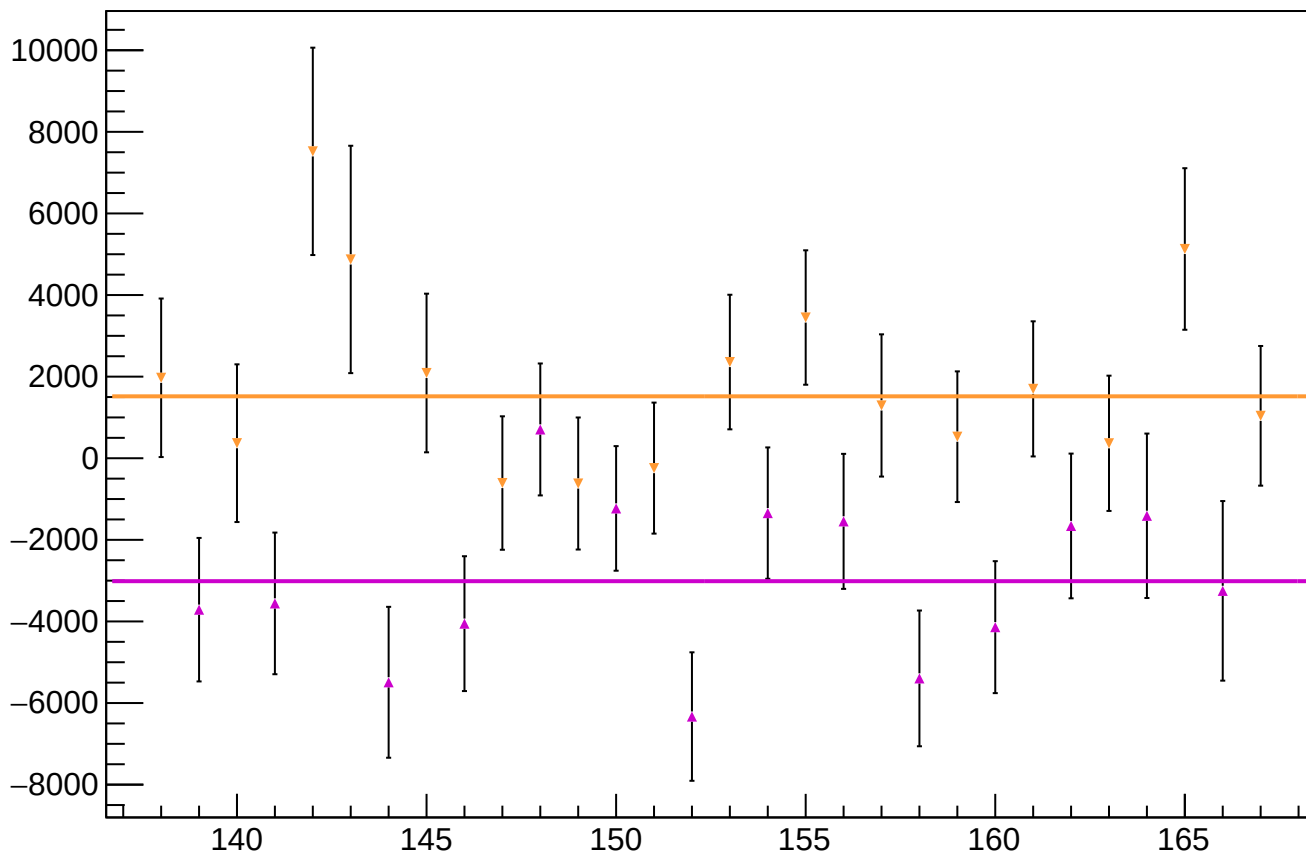
Left In: 4577.049 ± 0.990 $\chi^2/\text{NDF}: 458635.3/13$

+ sign 4533.726 ± 0.757 $\chi^2/\text{NDF}: 1258940.3/32$

All: 4498.056 ± 0.537 $\chi^2/\text{NDF}: 2526674.3/65$

- sign 4462.099 ± 0.760 $\chi^2/\text{NDF}: 1263280.2/32$

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1517.394+/-447.018 χ^2/NDF : 18.1/15

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

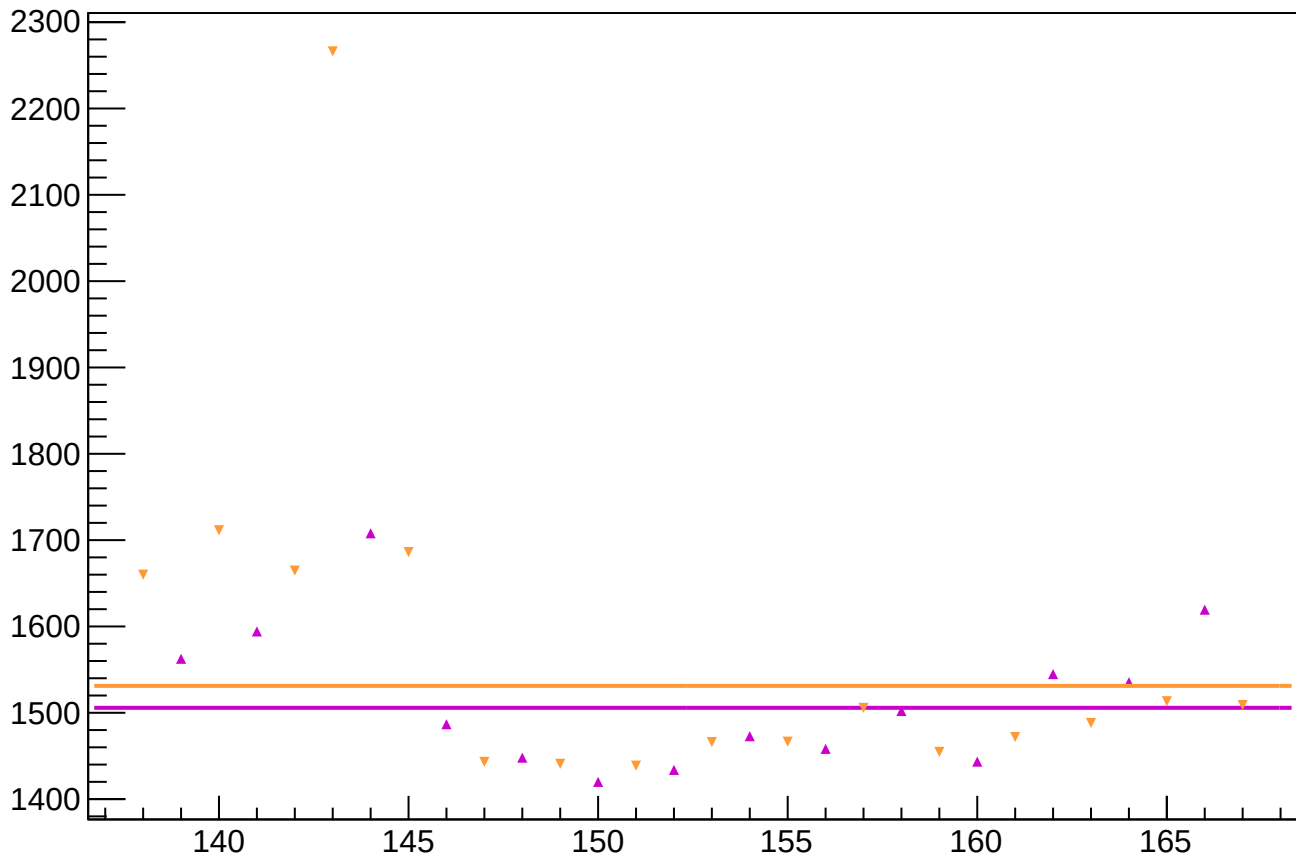
Left In: -3013.149+/-456.721 χ^2/NDF : 19.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -699.238+/-319.465 χ^2/NDF : 87.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 1531.208 $\pm$ 0.316 χ^2 /NDF:217786.1/15

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

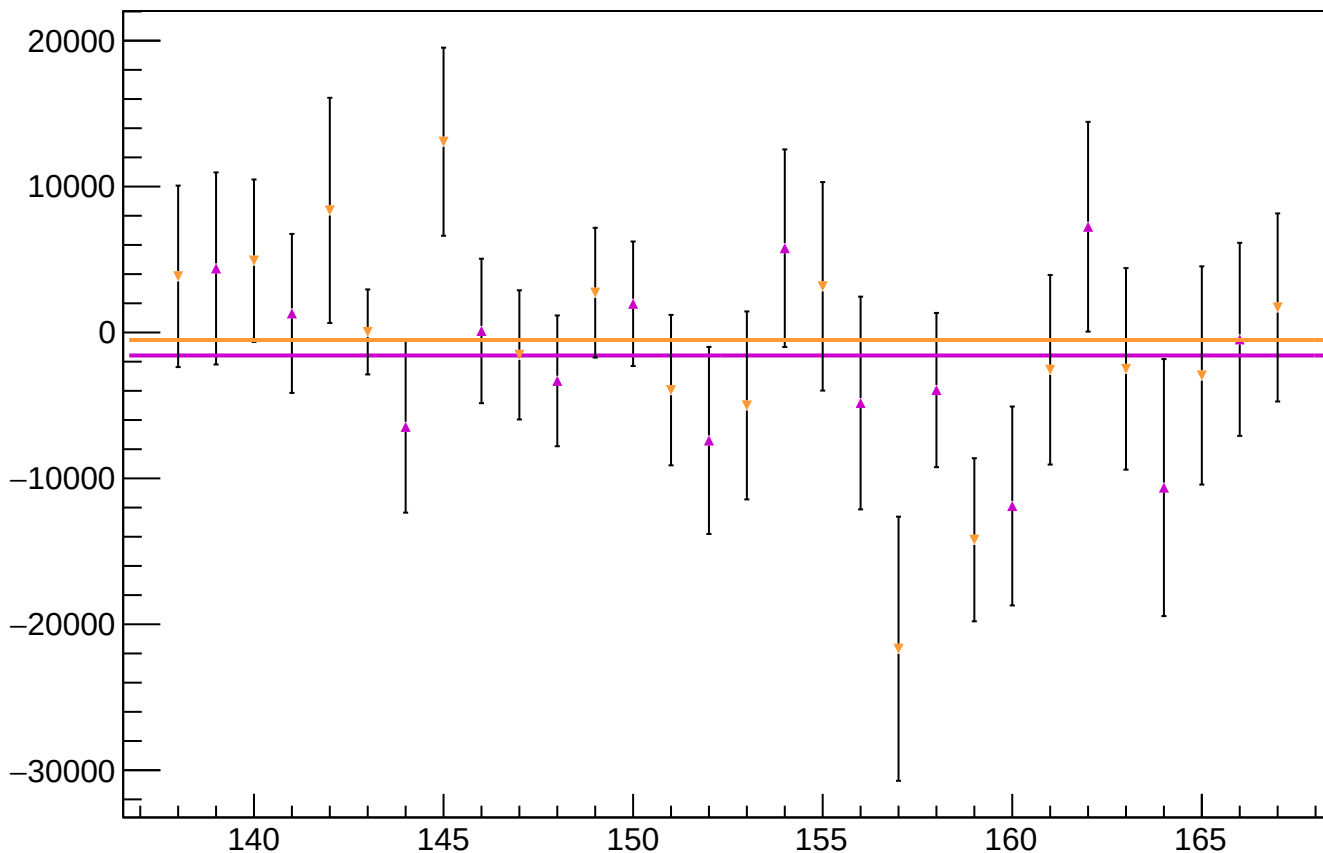
Left In: 1505.764 $\pm$ 0.323 χ^2 /NDF:56686.4/13

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

All: 1518.759 $\pm$ 0.226 χ^2 /NDF: 277642.9/29

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

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

Left Out: -515.308+/-1372.999 χ^2/NDF :20.9/15

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

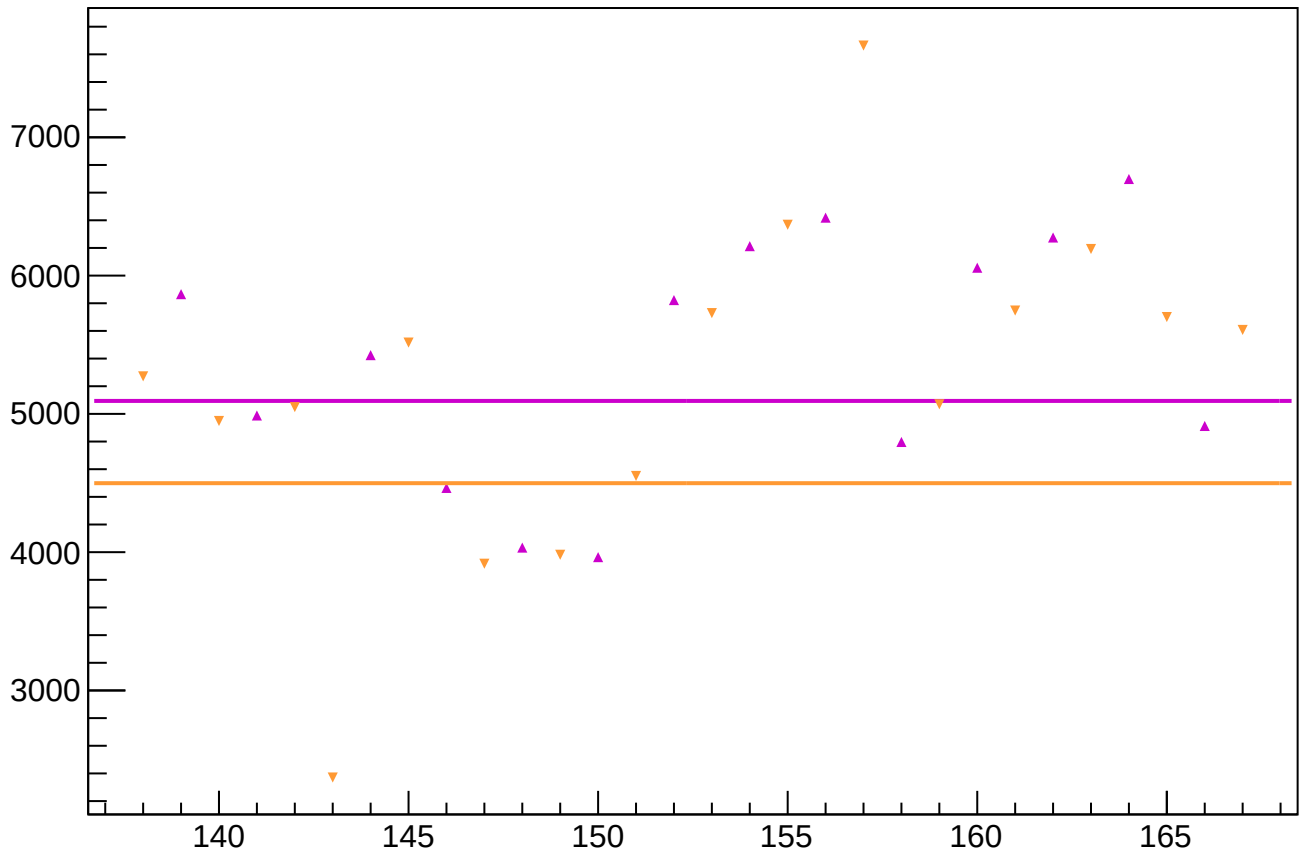
Left In: -1576.209+/-1564.554 χ^2/NDF :10.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -976.871+/-1031.974 χ^2/NDF : 31.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



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

Left Out: 4498.909+/-0.971 χ^2/NDF : 2012516.5/15

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

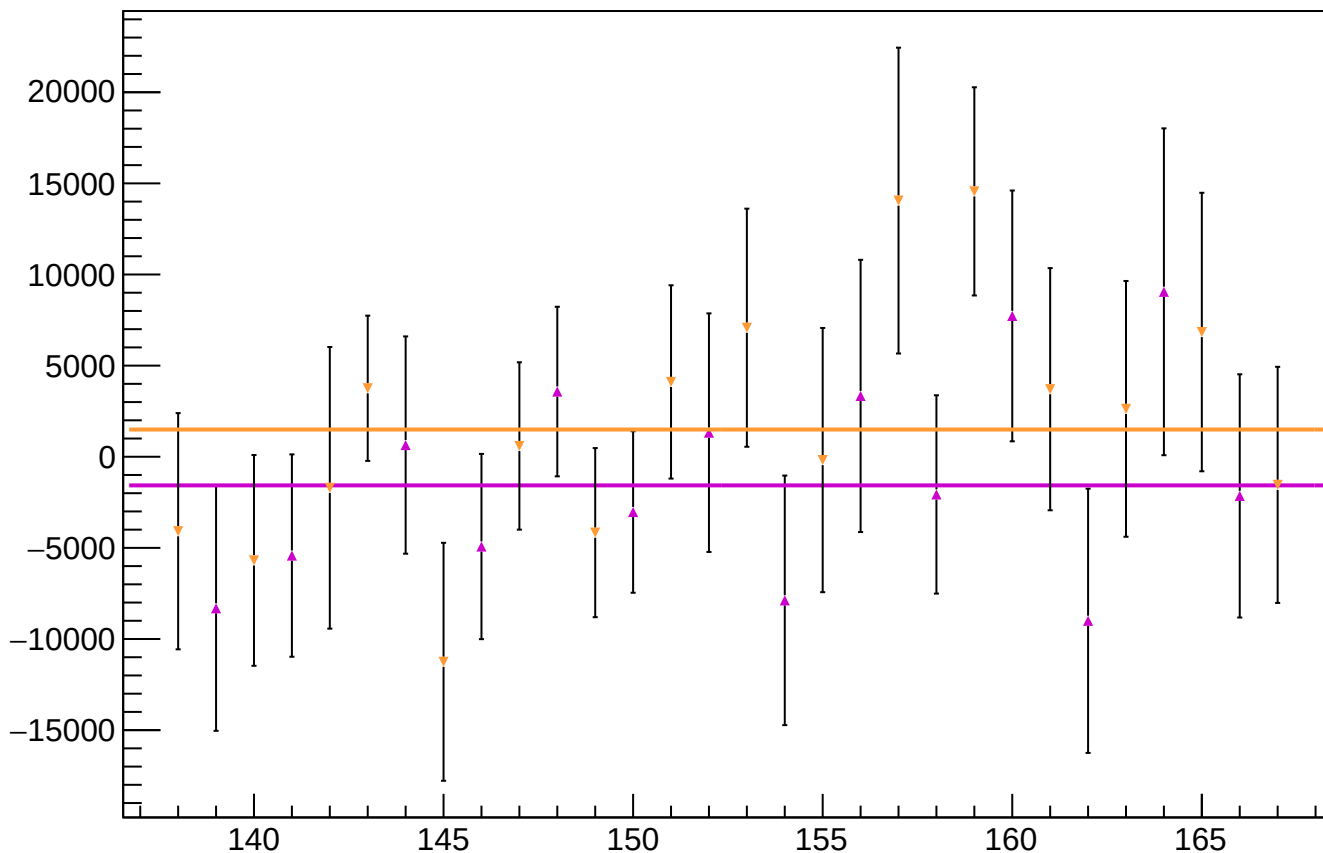
Left In: 5093.738+/-1.106 χ^2/NDF : 633825.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4757.700+/-0.730 χ^2/NDF : 2809658.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1493.819+/-1478.249 χ^2/NDF :17.5/15

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

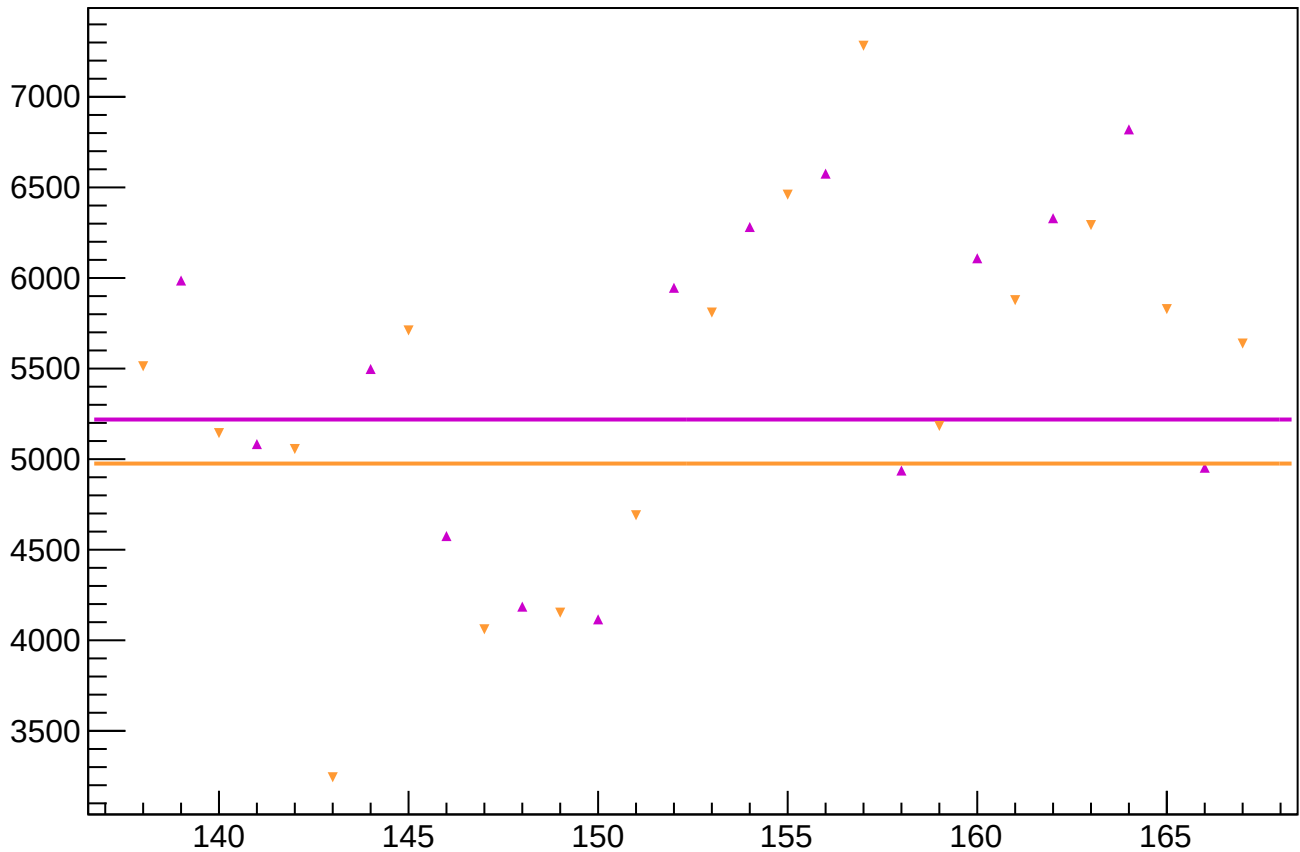
Left In: -1570.793+/-1601.290 χ^2/NDF :9.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.762+/-1086.177 χ^2/NDF : 28.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 4975.635+/-1.045 χ^2/NDF : 990255.8/15

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

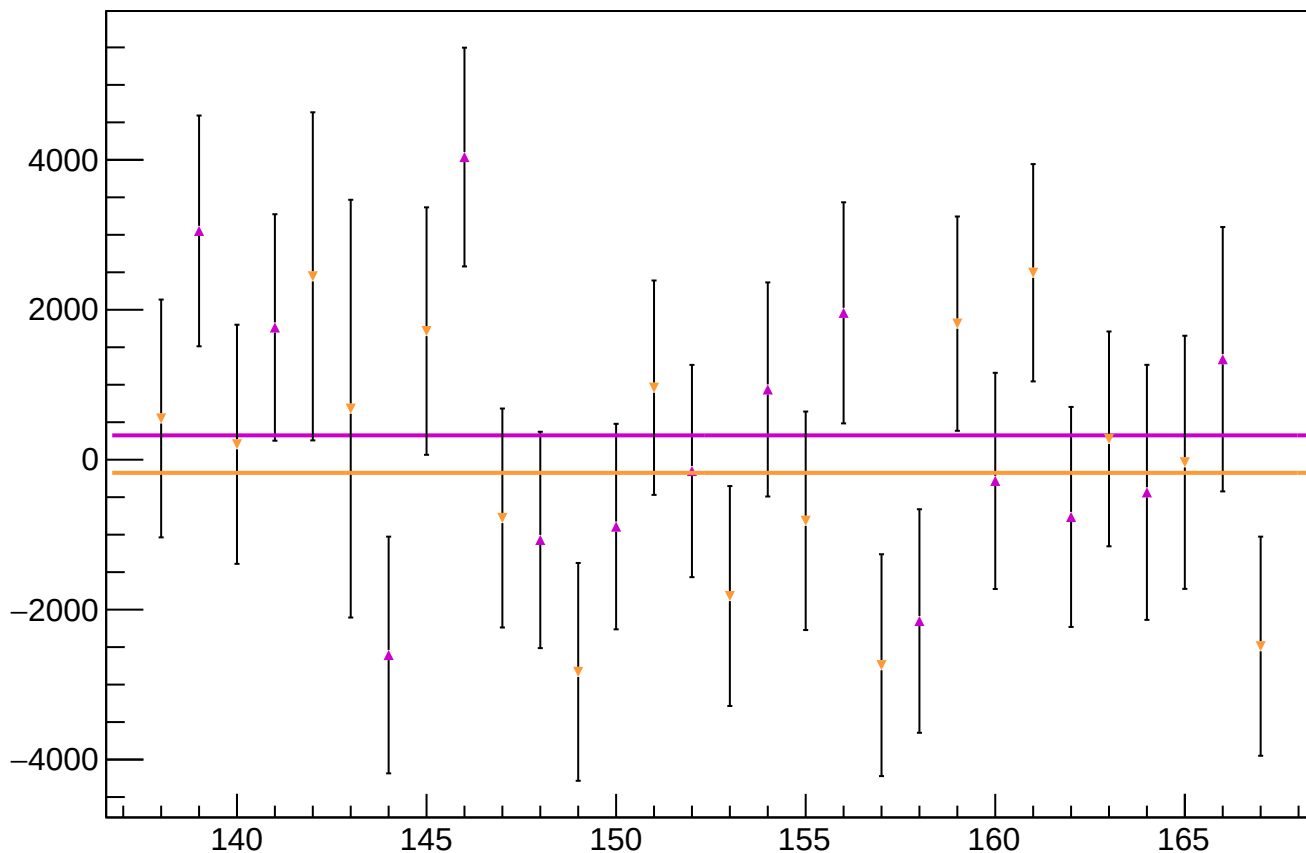
Left In: 5218.757+/-1.132 χ^2/NDF : 578015.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5087.498+/-0.768 χ^2/NDF : 1593162.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -175.266+/-389.519 χ^2/NDF : 19.6/15

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

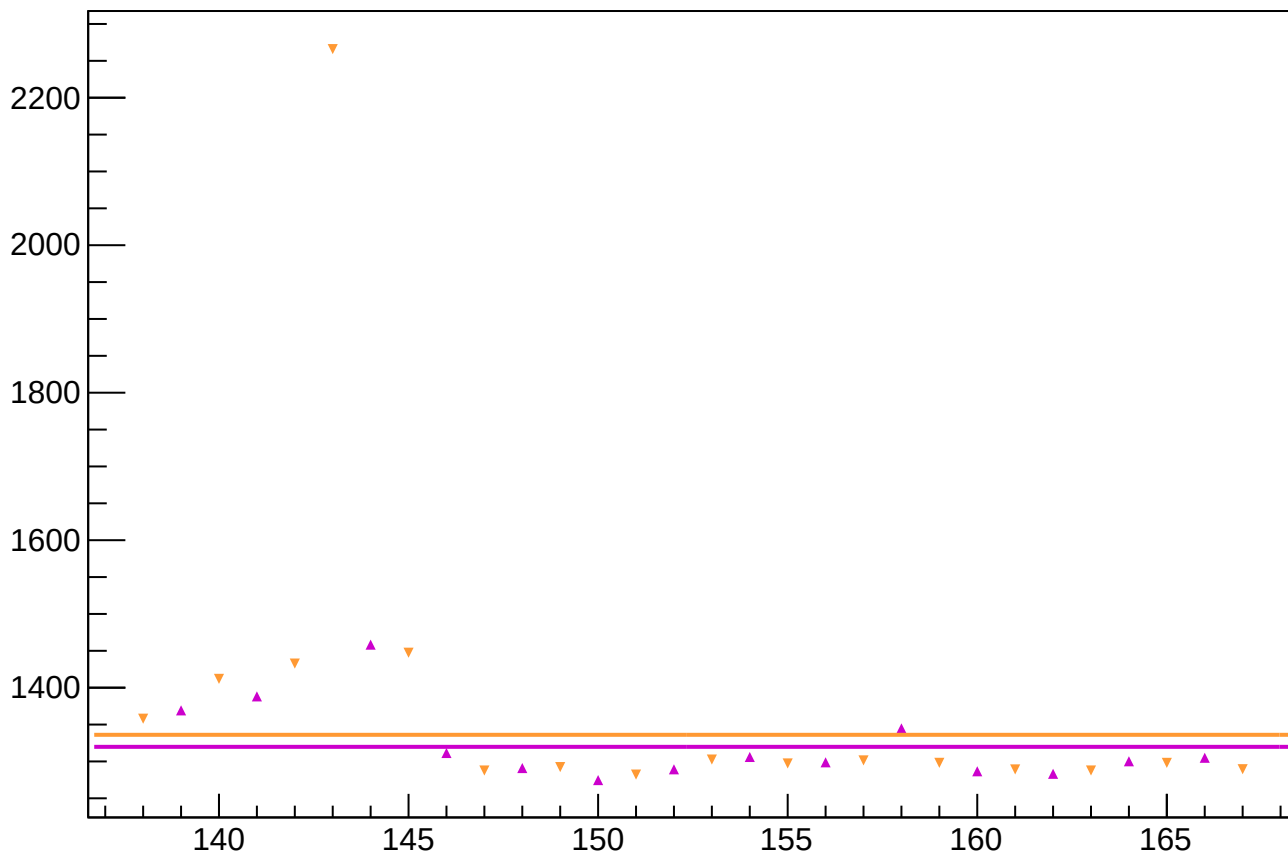
Left In: 324.663+/-399.828 χ^2/NDF : 21.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.171+/-279.005 χ^2/NDF : 41.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1336.112+/-0.275 χ^2/NDF :259866.2/15

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

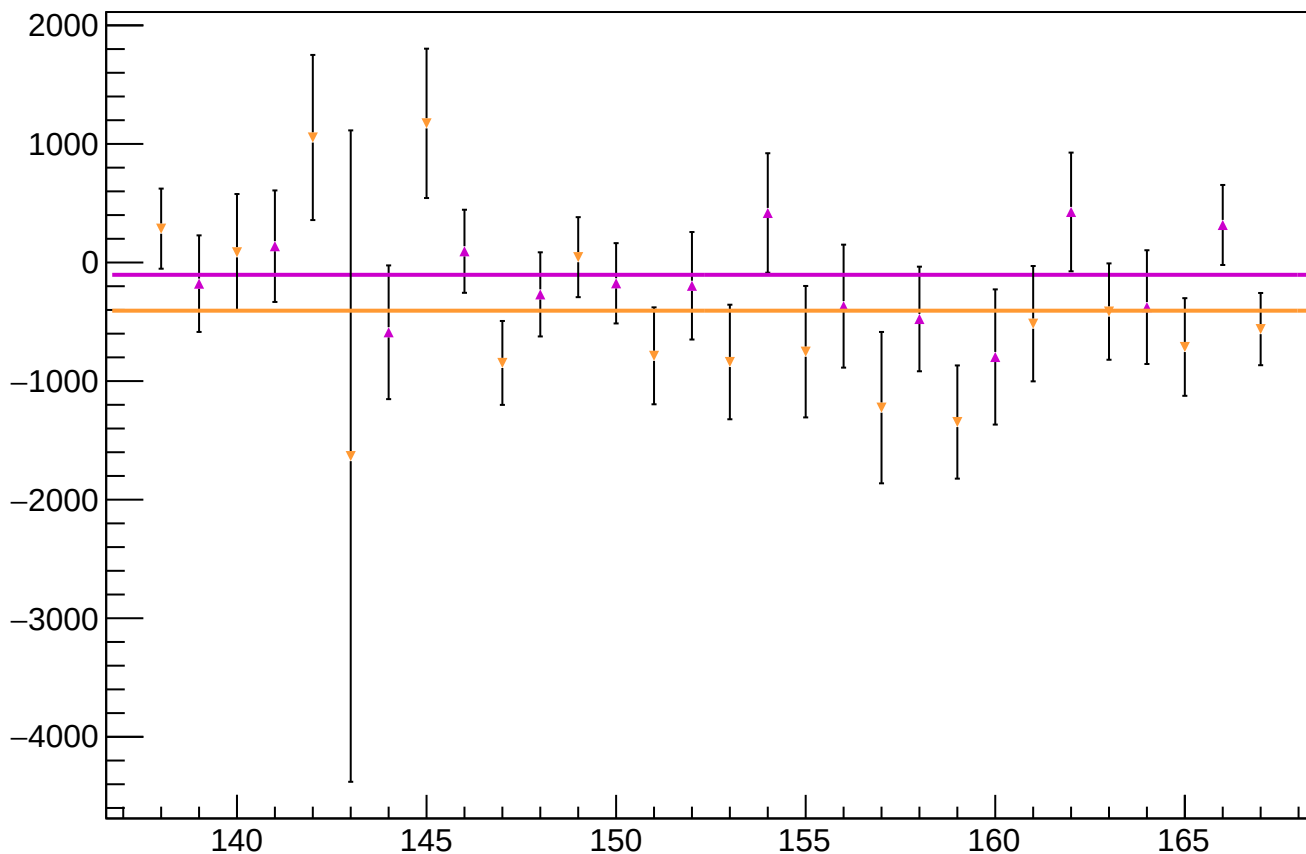
Left In: 1319.797+/-0.283 χ^2/NDF :29384.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1328.168+/-0.197 χ^2/NDF : 290959.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

Left Out: -406.253+/-110.617 χ^2/NDF : 27.9/15

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

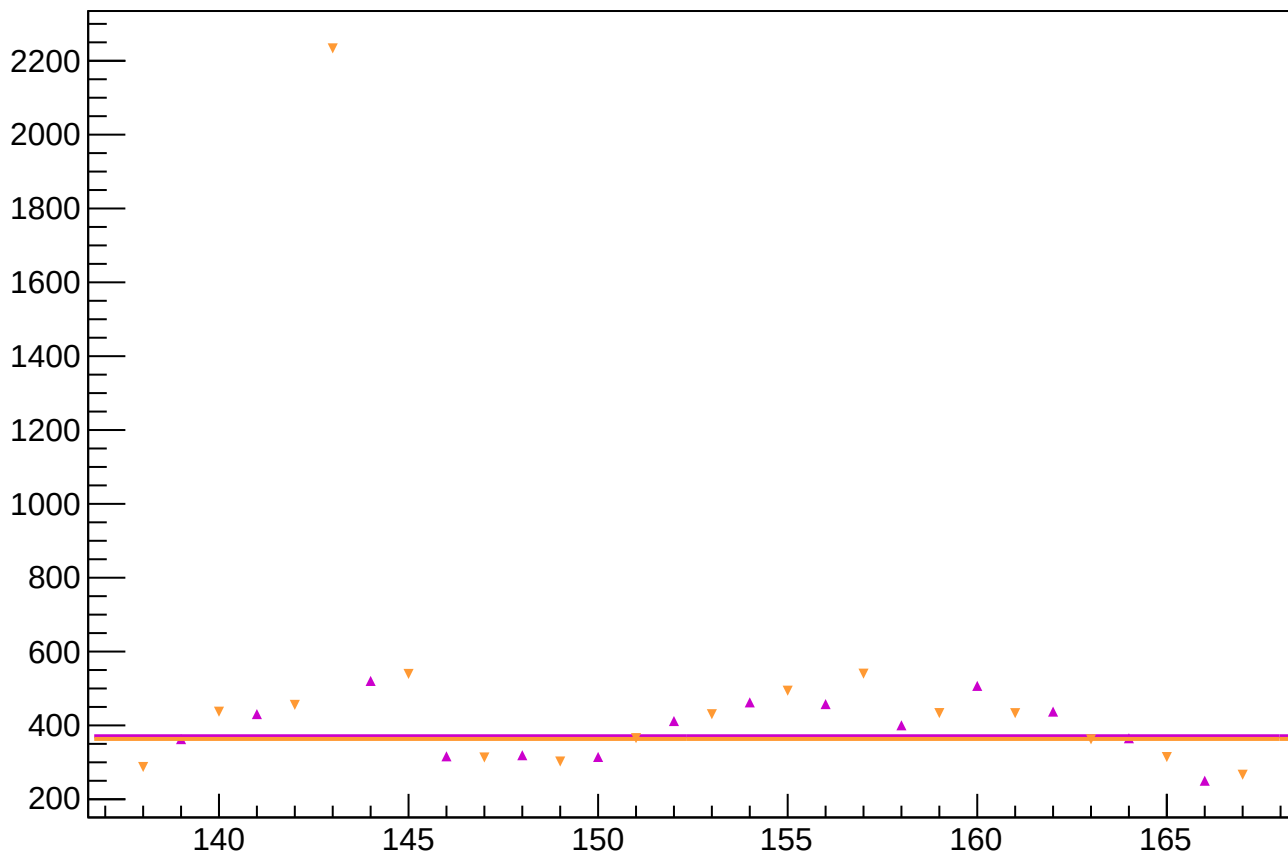
Left In: -103.754+/-114.425 χ^2/NDF : 8.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.121+/-79.530 χ^2/NDF : 39.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 363.356+/-0.078 χ^2/NDF :1989114.8/15

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

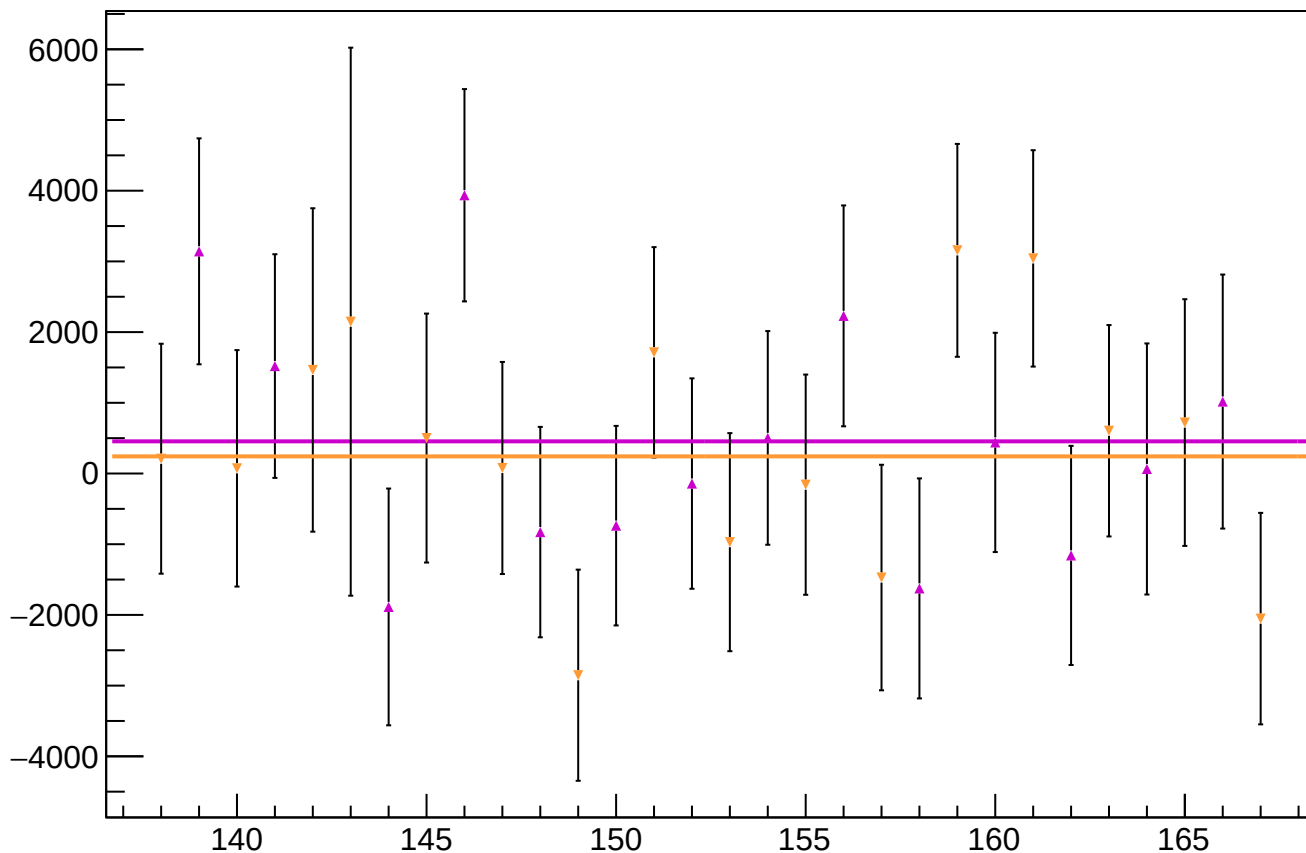
Left In: 370.630+/-0.081 χ^2/NDF :872882.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.870+/-0.056 χ^2/NDF : 2866174.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: 242.369+/-409.018 χ^2/NDF : 17.3/15

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

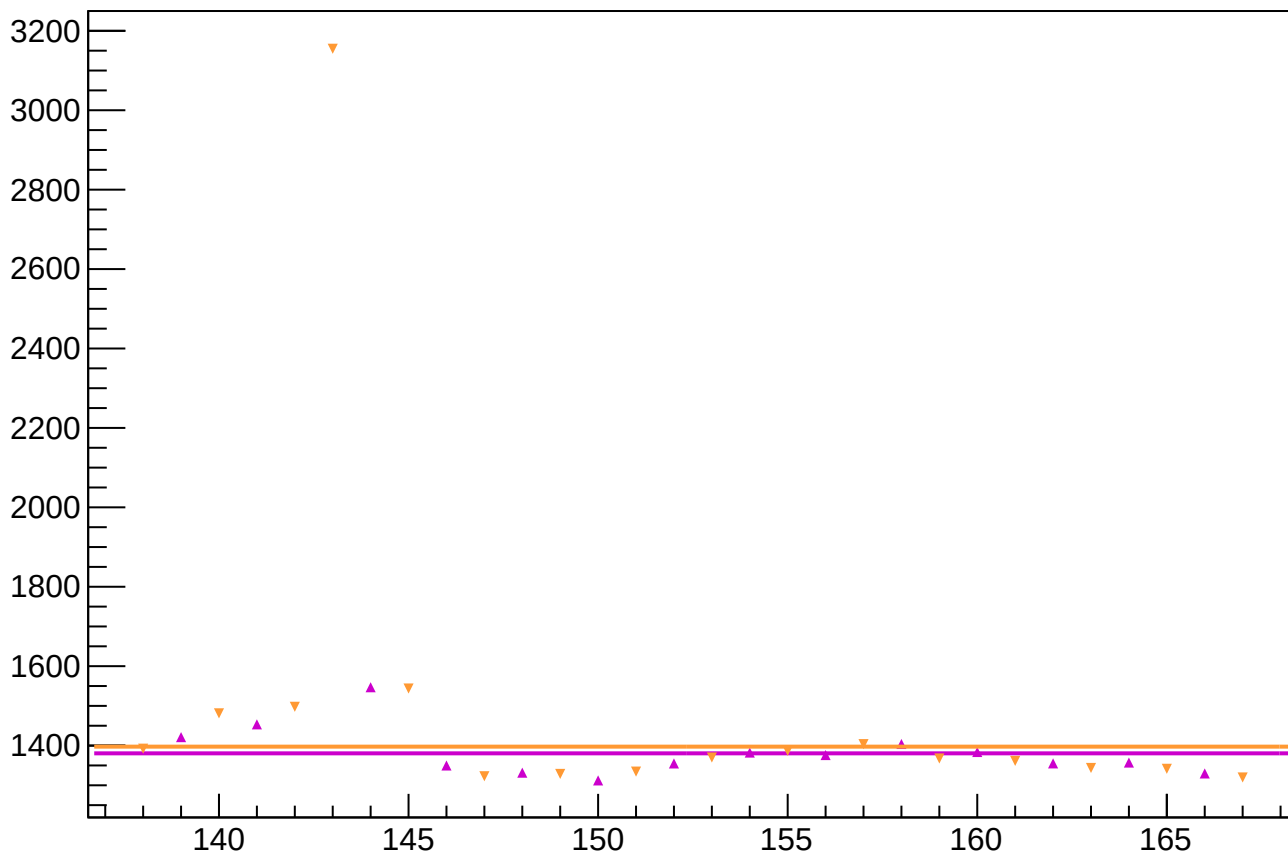
Left In: 454.984+/-418.226 χ^2/NDF : 16.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.310+/-292.421 χ^2/NDF : 33.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1397.361+/-0.289 χ^2/NDF : 459397.1/15

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

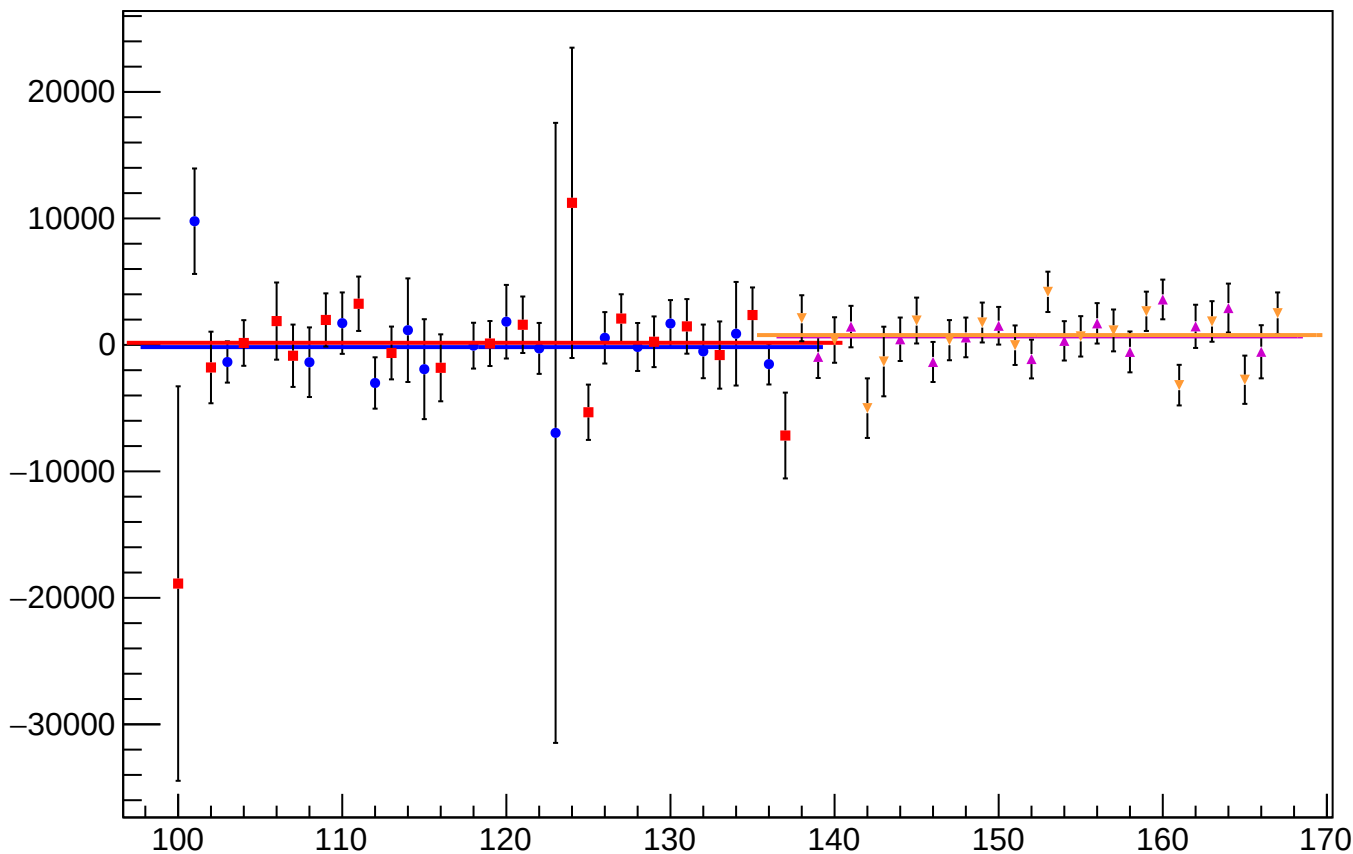
Left In: 1380.489+/-0.296 χ^2/NDF : 36510.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1389.113+/-0.207 χ^2/NDF : 497571.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: 775.902 ± 429.441 χ^2/NDF : 25.5/15

Right Out: 164.937 ± 540.101 χ^2/NDF : 20.7/18

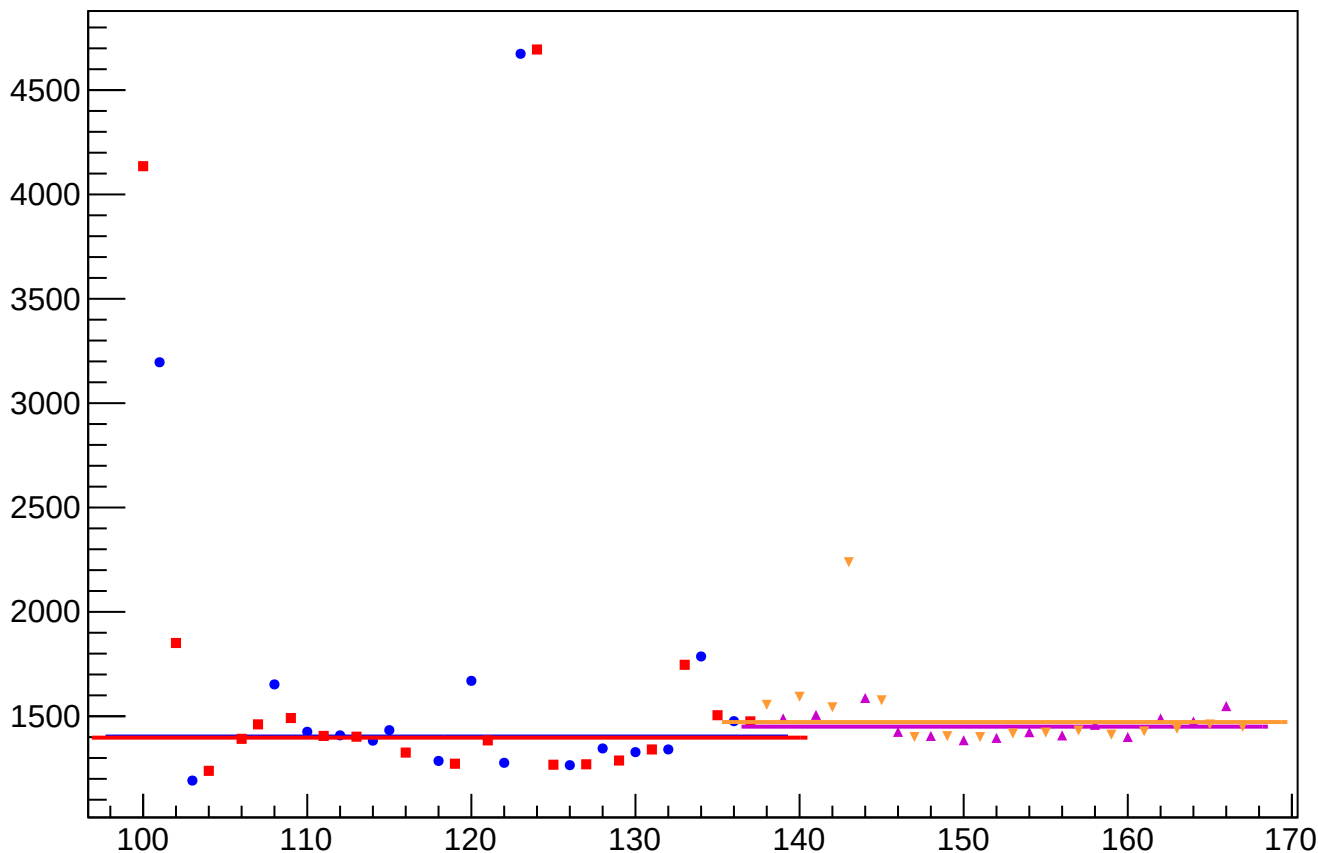
Left In: 669.976 ± 439.485 χ^2/NDF : 10.9/13

+ sign 419.576 ± 339.561 χ^2/NDF : 39.1/32

All: 444.087 ± 240.574 χ^2/NDF : 71.1/65

- sign 468.789 ± 340.889 χ^2/NDF : 32.1/32

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1472.119+/-0.304 χ^2/NDF : 199824.6/15

Right Out: 1397.442+/-0.382 χ^2/NDF : 353365.4/18

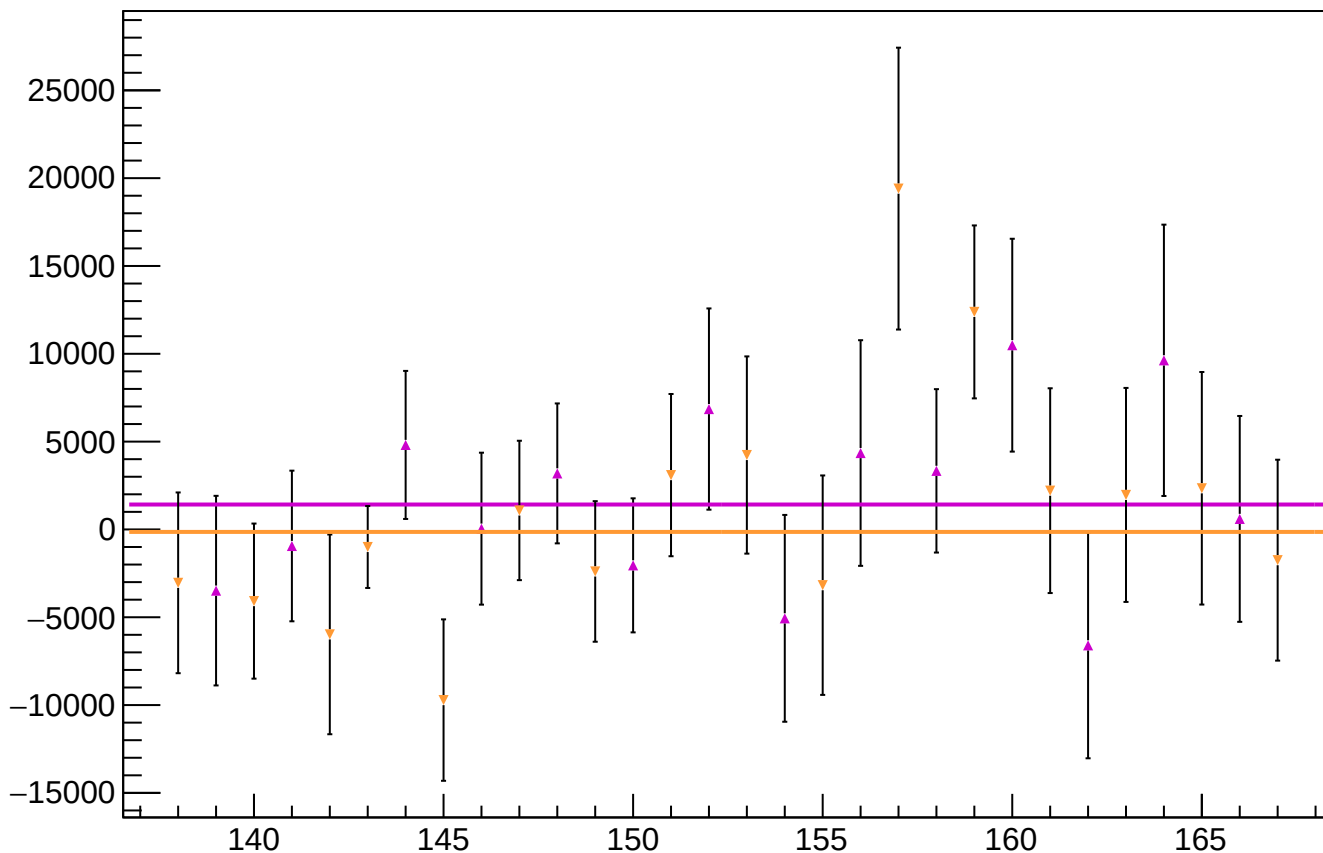
Left In: 1450.105+/-0.311 χ^2/NDF : 34443.4/13

+ sign 1446.105+/-0.240 χ^2/NDF : 745733.0/32

All: 1437.639+/-0.170 χ^2/NDF : 1147484.8/65

- sign 1429.112+/-0.241 χ^2/NDF : 399256.5/32

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -141.066+/-1156.316 χ^2/NDF :21.3/15

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

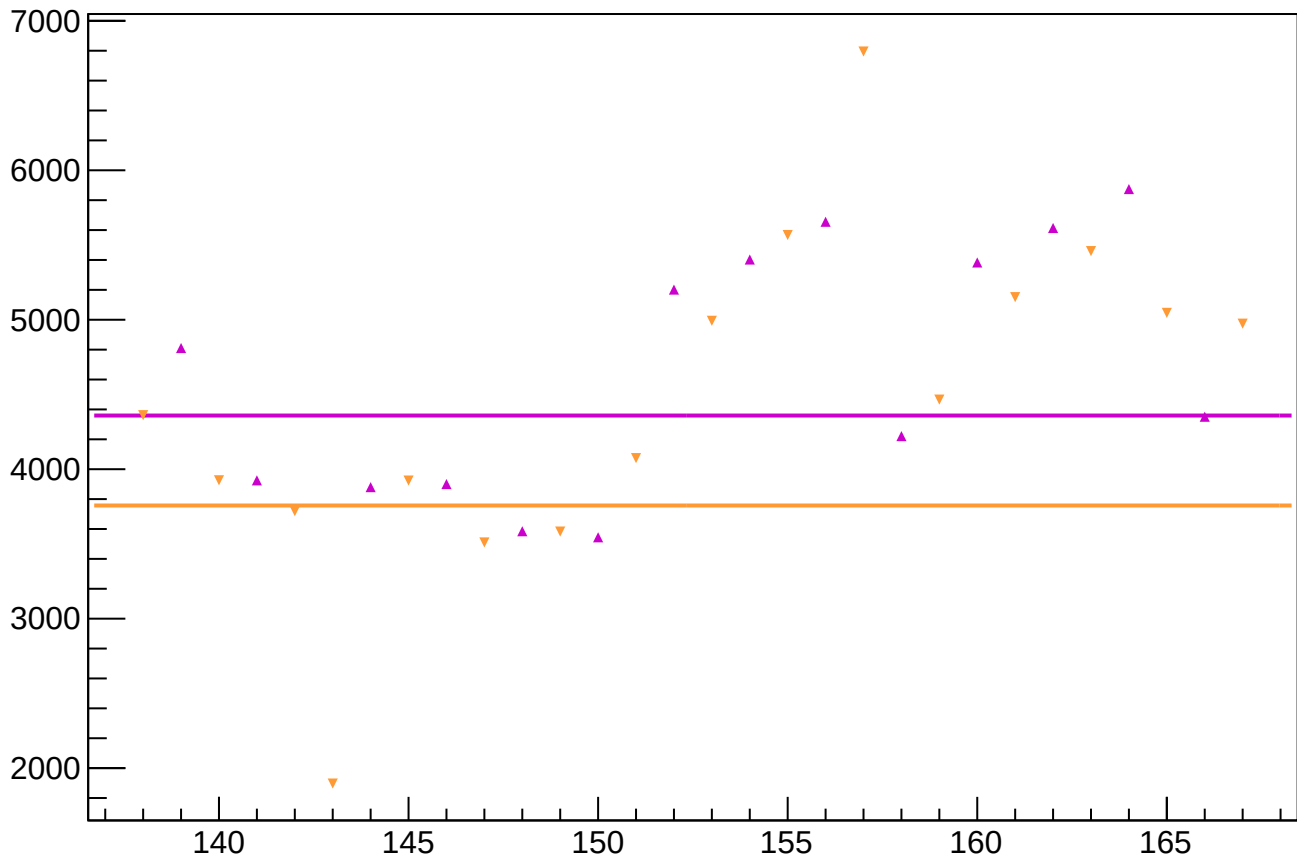
Left In: 1418.333+/-1339.652 χ^2/NDF :10.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.706+/-875.339 χ^2/NDF : 32.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

Left Out: 3757.134+/-0.818 χ^2/NDF : 2356266.1/15

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

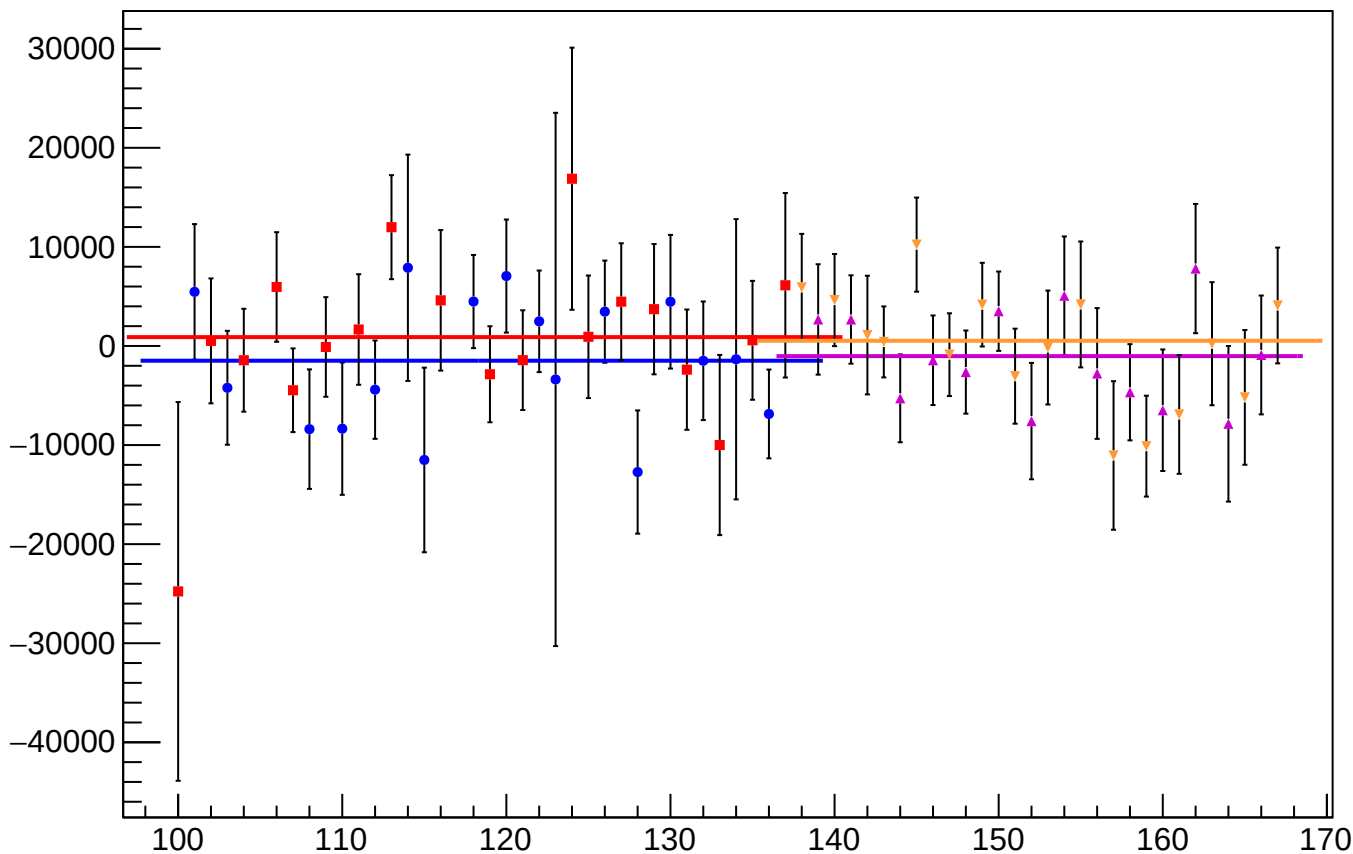
Left In: 4359.075+/-0.947 χ^2/NDF : 649101.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4014.127+/-0.619 χ^2/NDF : 3236762.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: 525.515 ± 1287.124 χ^2/NDF : 17.1/15

Right Out: 894.160 ± 1378.910 χ^2/NDF : 14.1/18

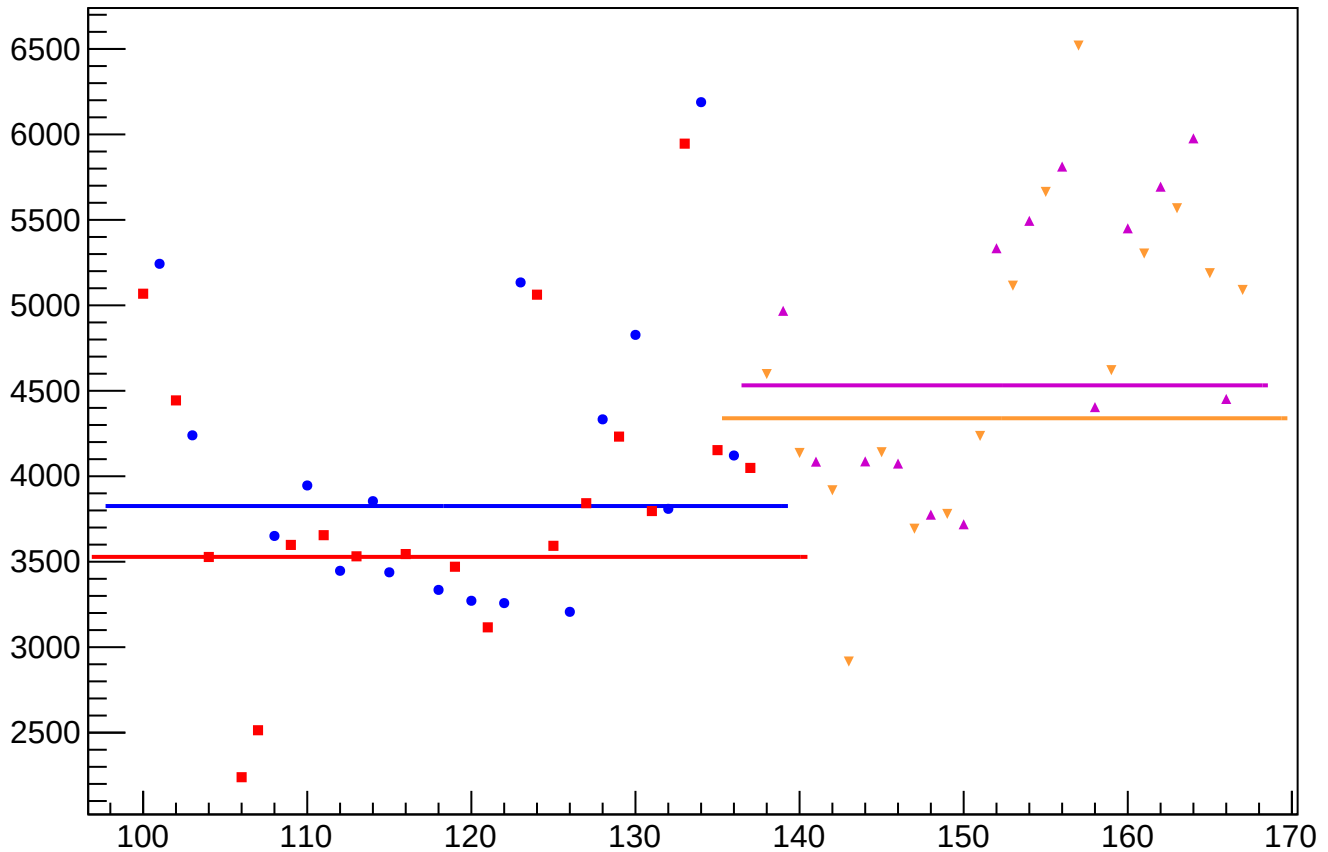
Left In: -1025.530 ± 1389.608 χ^2/NDF : 9.8/13

+ sign -328.517 ± 976.559 χ^2/NDF : 34.8/32

All: -193.701 ± 691.322 χ^2/NDF : 59.7/65

- sign -58.267 ± 978.797 χ^2/NDF : 24.9/32

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4339.336+/-0.910 χ^2/NDF : 914192.0/15

Right Out: 3528.289+/-0.966 χ^2/NDF : 555414.1/18

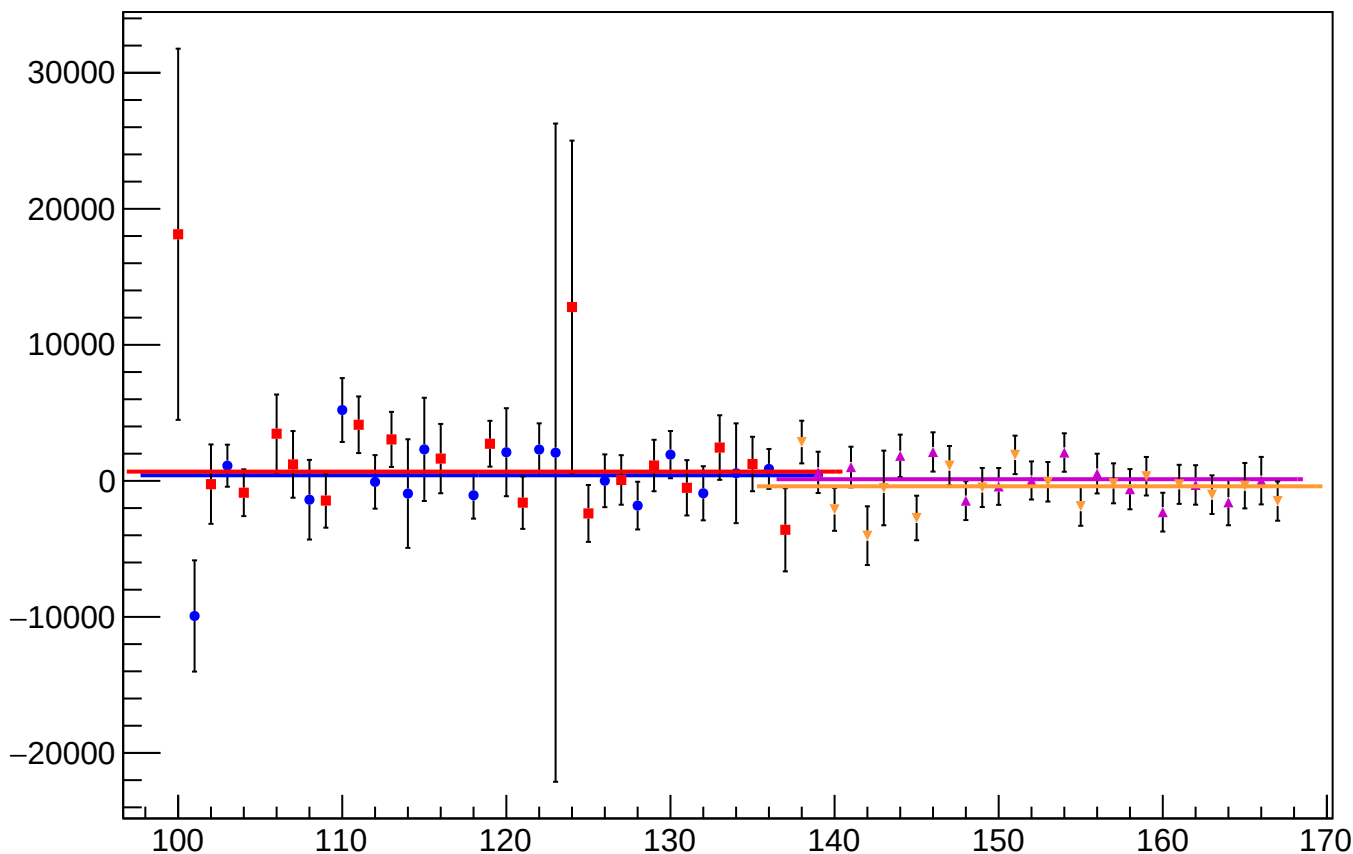
Left In: 4531.900+/-0.983 χ^2/NDF : 562419.4/13

+ sign 4121.428+/-0.691 χ^2/NDF : 1383678.3/32

All: 4071.416+/-0.488 χ^2/NDF : 3042382.4/65

- sign 4021.635+/-0.689 χ^2/NDF : 1648237.3/32

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -397.891 $\pm$ 385.518 χ^2 /NDF:16.2/15

Right Out: 682.176 $\pm$ 510.196 χ^2 /NDF: 18.0/18

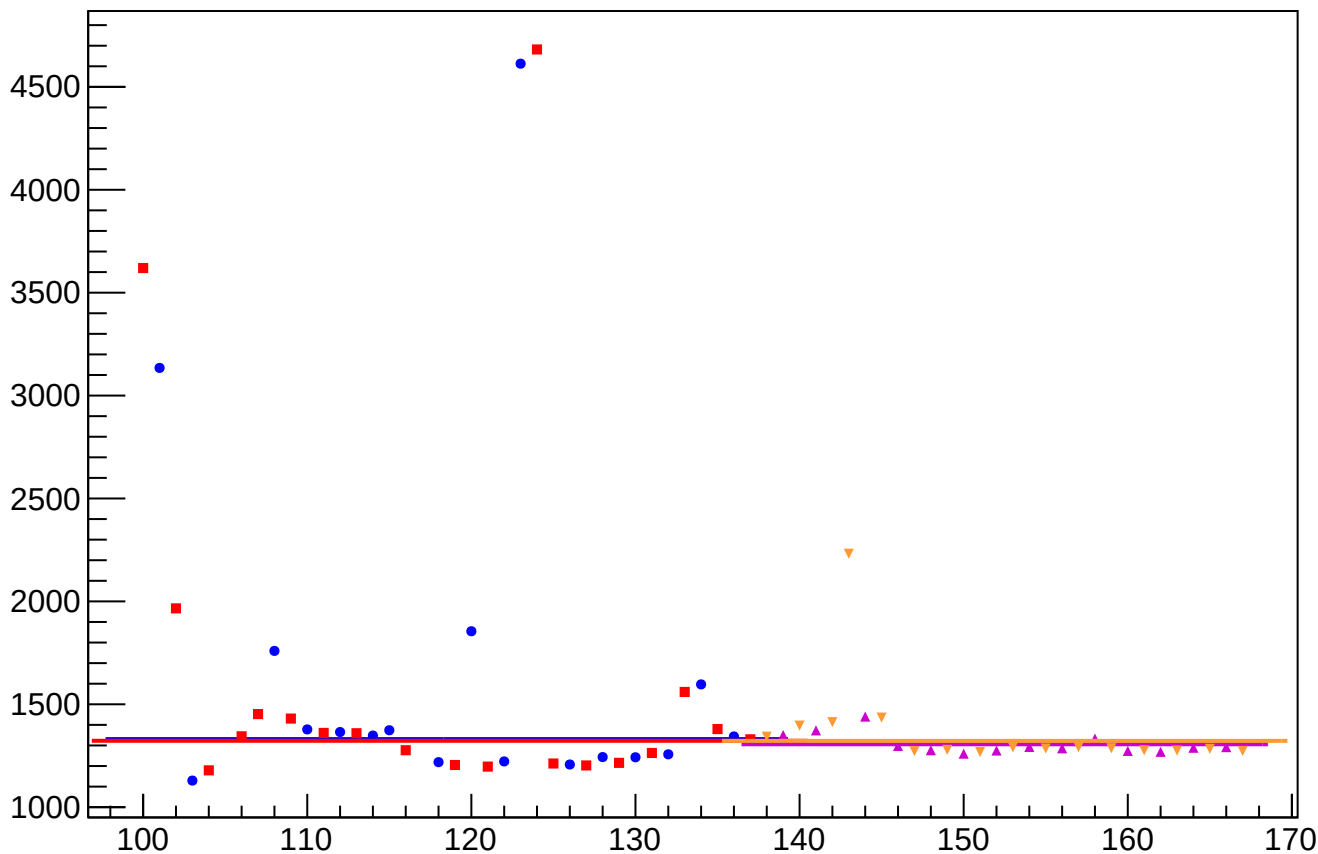
Left In: 122.021 $\pm$ 395.560 χ^2 /NDF:11.2/13

+ sign -116.453 $\pm$ 311.352 χ^2 /NDF: 34.3/32

All: 107.029 $\pm$ 220.602 χ^2 /NDF: 65.3/65

- sign 332.320 $\pm$ 312.610 χ^2 /NDF: 30.0/32

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1322.340 $\pm$ 0.273 χ^2 /NDF: 256491.1/15

Right Out: 1322.706 $\pm$ 0.361 χ^2 /NDF: 394413.6/18

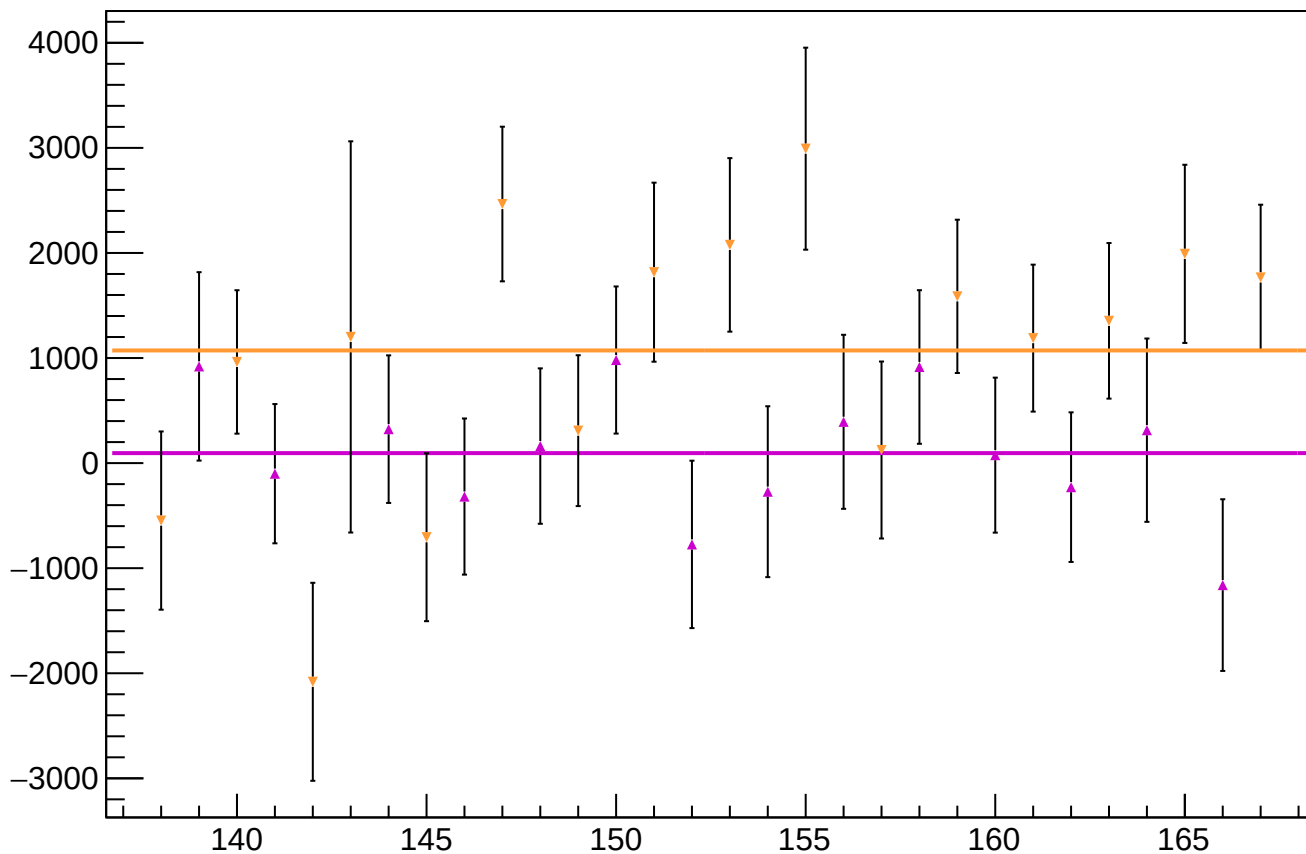
Left In: 1305.696 $\pm$ 0.280 χ^2 /NDF: 28653.6/13

+ sign 1325.313 $\pm$ 0.220 χ^2 /NDF: 860307.6/32

All: 1318.724 $\pm$ 0.156 χ^2 /NDF: 1286562.0/65

- sign 1312.082 $\pm$ 0.221 χ^2 /NDF: 424455.8/32

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: 1072.173 $\pm$ 200.535 χ^2 /NDF:34.9/15

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

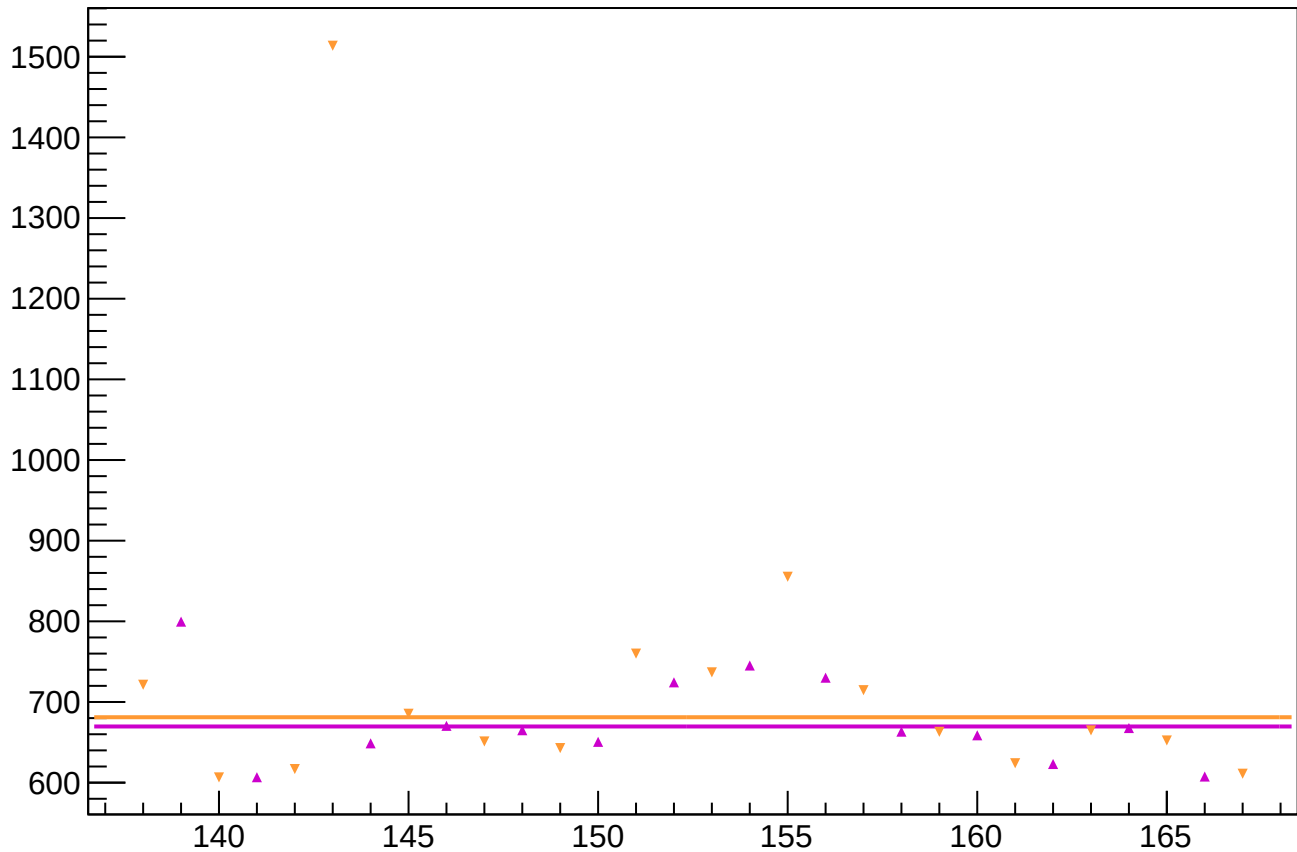
Left In: 95.087 $\pm$ 202.986 χ^2 /NDF:8.4/13

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

All: 589.564 $\pm$ 142.658 χ^2 /NDF: 55.0/29

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

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

Left Out: 681.103+/-0.142 χ^2/NDF : 580149.7/15

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

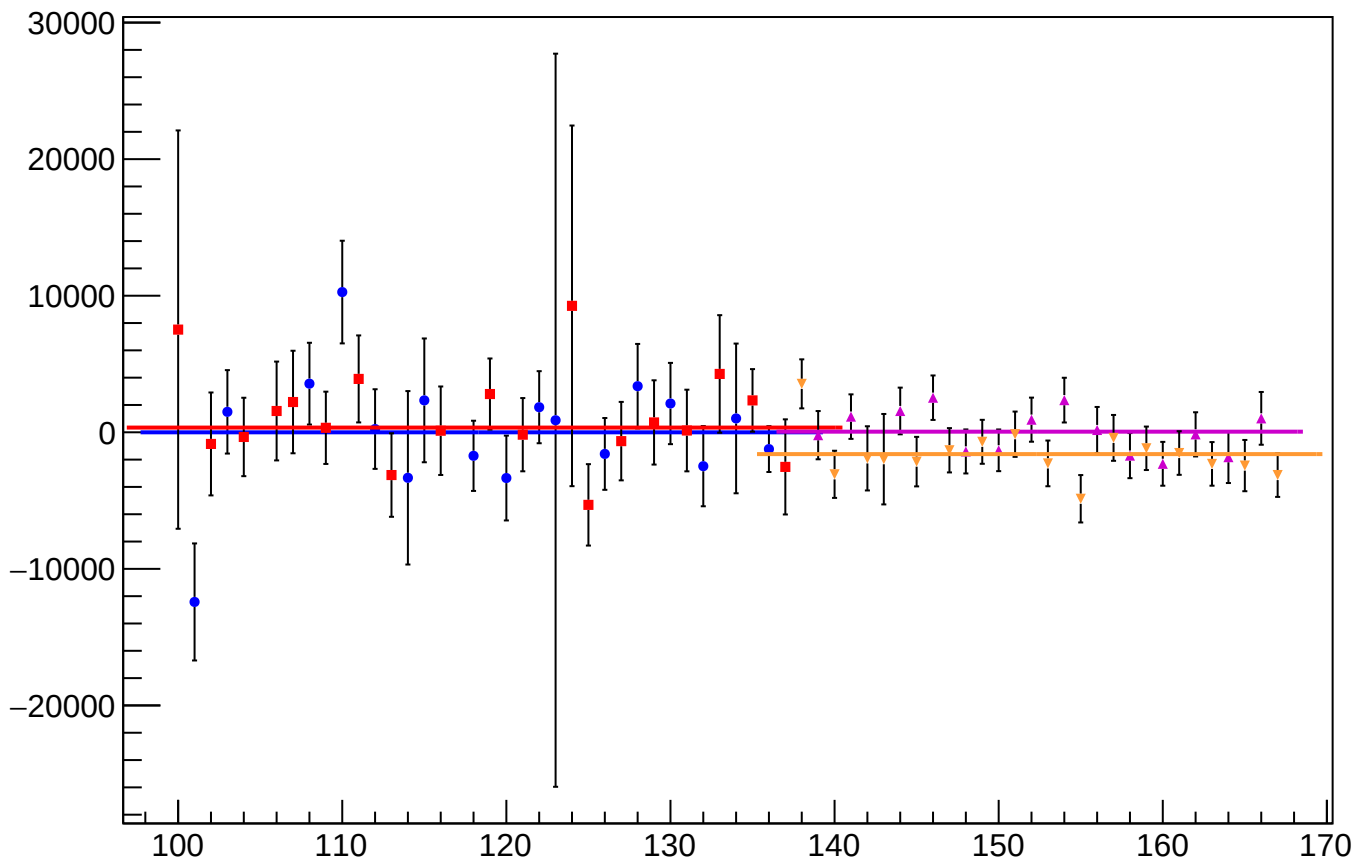
Left In: 669.632+/-0.144 χ^2/NDF : 121461.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 675.437+/-0.101 χ^2/NDF : 704843.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -1597.134 ± 436.440 χ^2/NDF : 15.8/15

Right Out: 345.148 ± 733.723 χ^2/NDF : 10.7/18

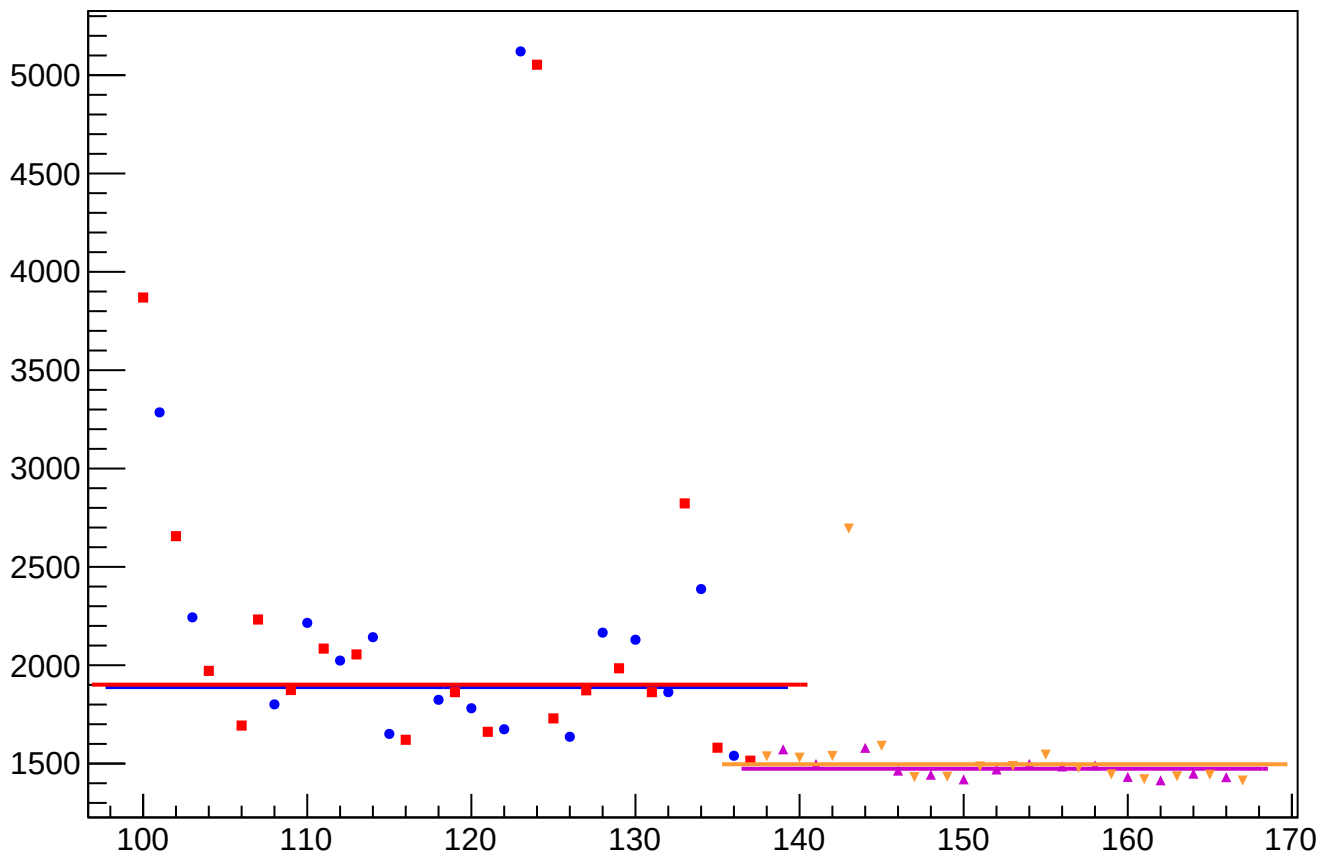
Left In: 45.545 ± 446.230 χ^2/NDF : 12.0/13

+ sign -1189.672 ± 376.586 χ^2/NDF : 42.7/32

All: -539.728 ± 267.923 χ^2/NDF : 71.6/65

- sign 126.440 ± 381.258 χ^2/NDF : 22.8/32

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1496.560+/-0.309 χ^2/NDF : 294525.7/15

Right Out: 1901.248+/-0.519 χ^2/NDF : 461424.3/18

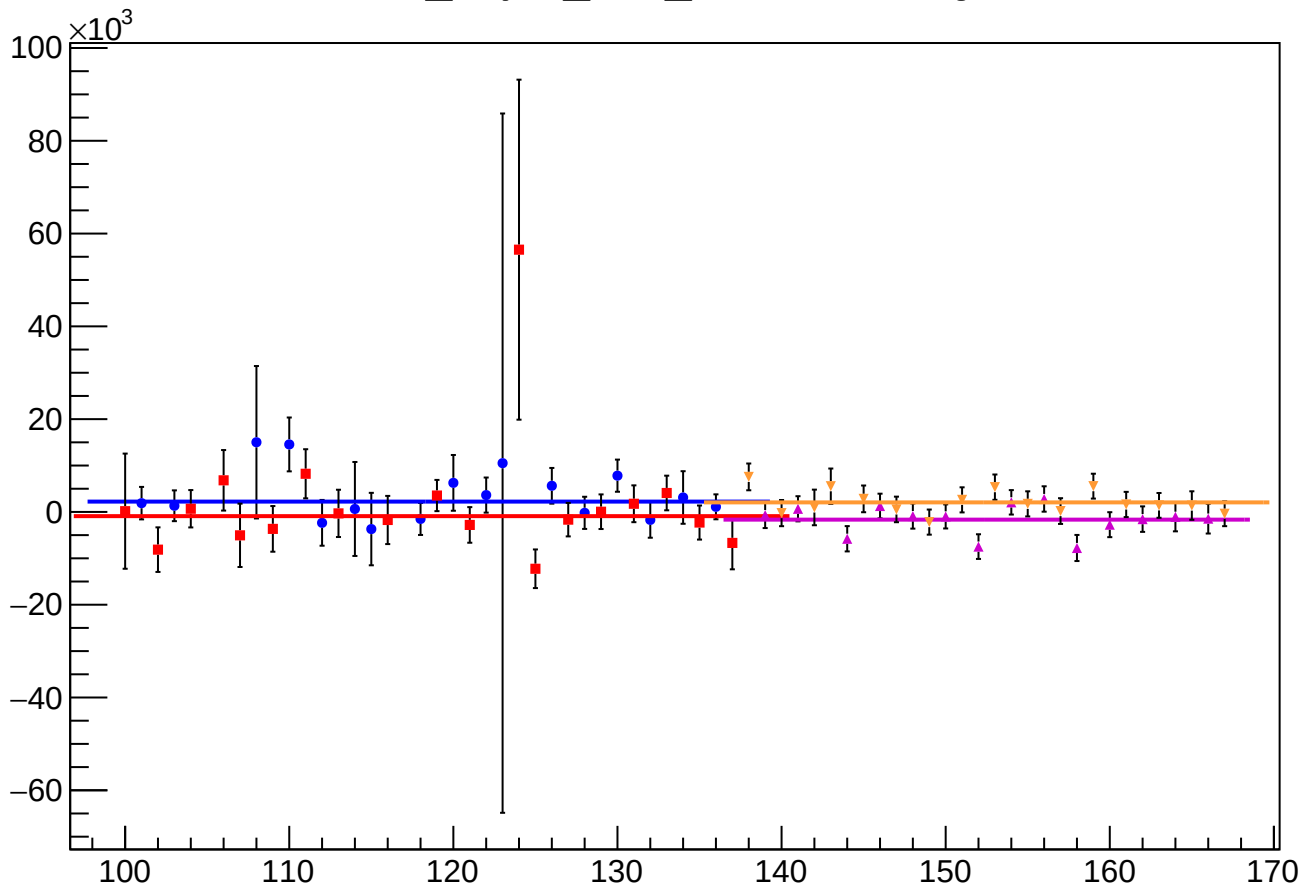
Left In: 1473.769+/-0.316 χ^2/NDF : 23774.2/13

+ sign 1596.770+/-0.266 χ^2/NDF : 1173091.1/32

All: 1593.028+/-0.189 χ^2/NDF : 2154281.0/65

- sign 1589.193+/-0.270 χ^2/NDF : 980790.1/32

dit_asym_atl1_mean vs Slug



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

Left Out: 2055.853 $\pm$ 712.595 χ^2 /NDF:12.7/15

Right Out: -907.837 $\pm$ 1046.878 χ^2 /NDF: 22.9/18

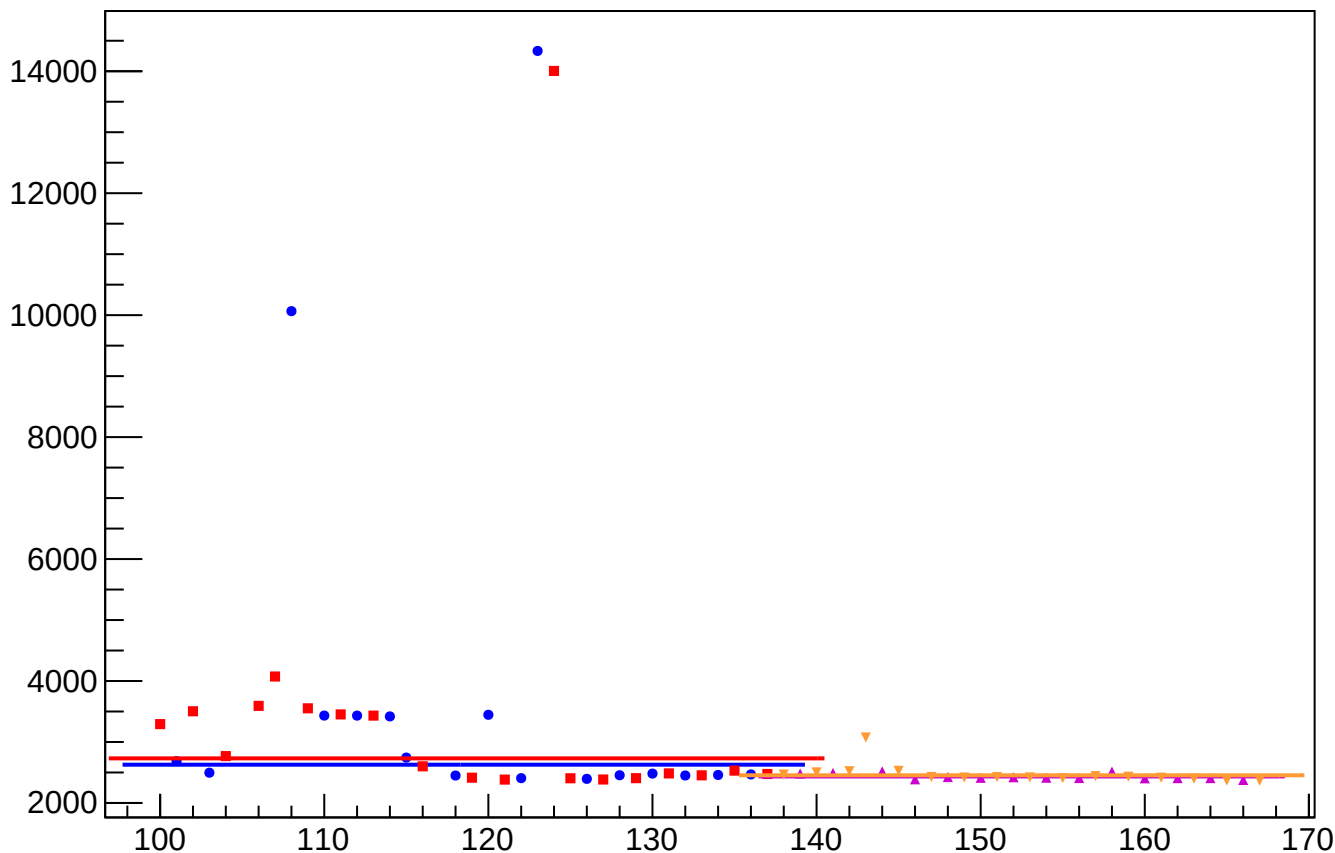
Left In: -1662.034 $\pm$ 737.234 χ^2 /NDF:18.9/13

+ sign 2110.749 $\pm$ 587.713 χ^2 /NDF: 26.3/32

All: 393.913 $\pm$ 420.798 χ^2 /NDF: 85.9/65

- sign -1412.004 $\pm$ 602.768 χ^2 /NDF: 42.1/32

dit_asym_atl1_rms vs Slug



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

Left Out: 2454.018 ± 0.504 χ^2/NDF : 62197.2/15

Right Out: 2731.271 ± 0.740 χ^2/NDF : 598207.5/18

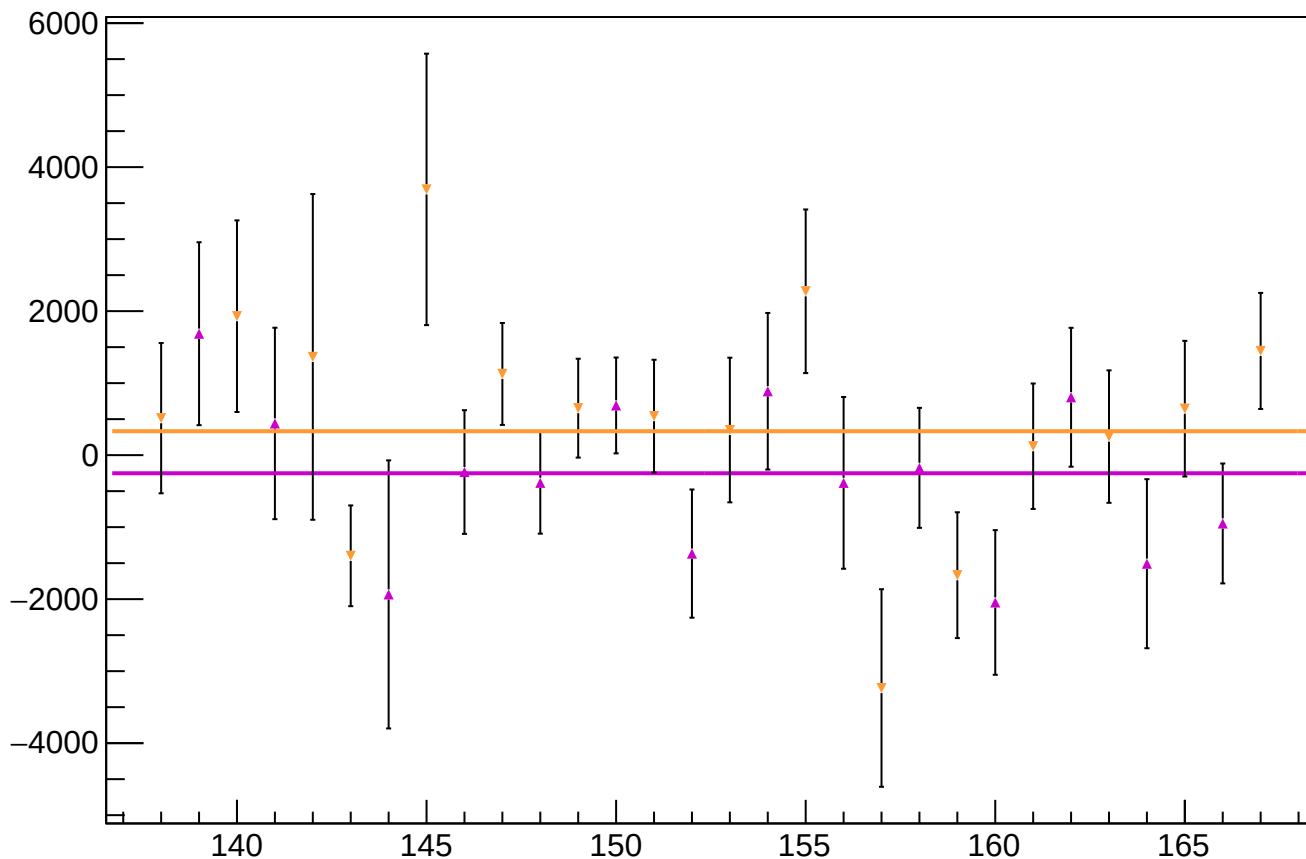
Left In: 2434.700 ± 0.521 χ^2/NDF : 7355.3/13

+ sign 2509.517 ± 0.416 χ^2/NDF : 744531.1/32

All: 2520.971 ± 0.298 χ^2/NDF : 1458948.3/65

- sign 2533.019 ± 0.426 χ^2/NDF : 712858.6/32

asym_atl1_correction_mean vs Slug



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

Left Out: 332.420+/-232.338 χ^2/NDF : 29.5/15

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

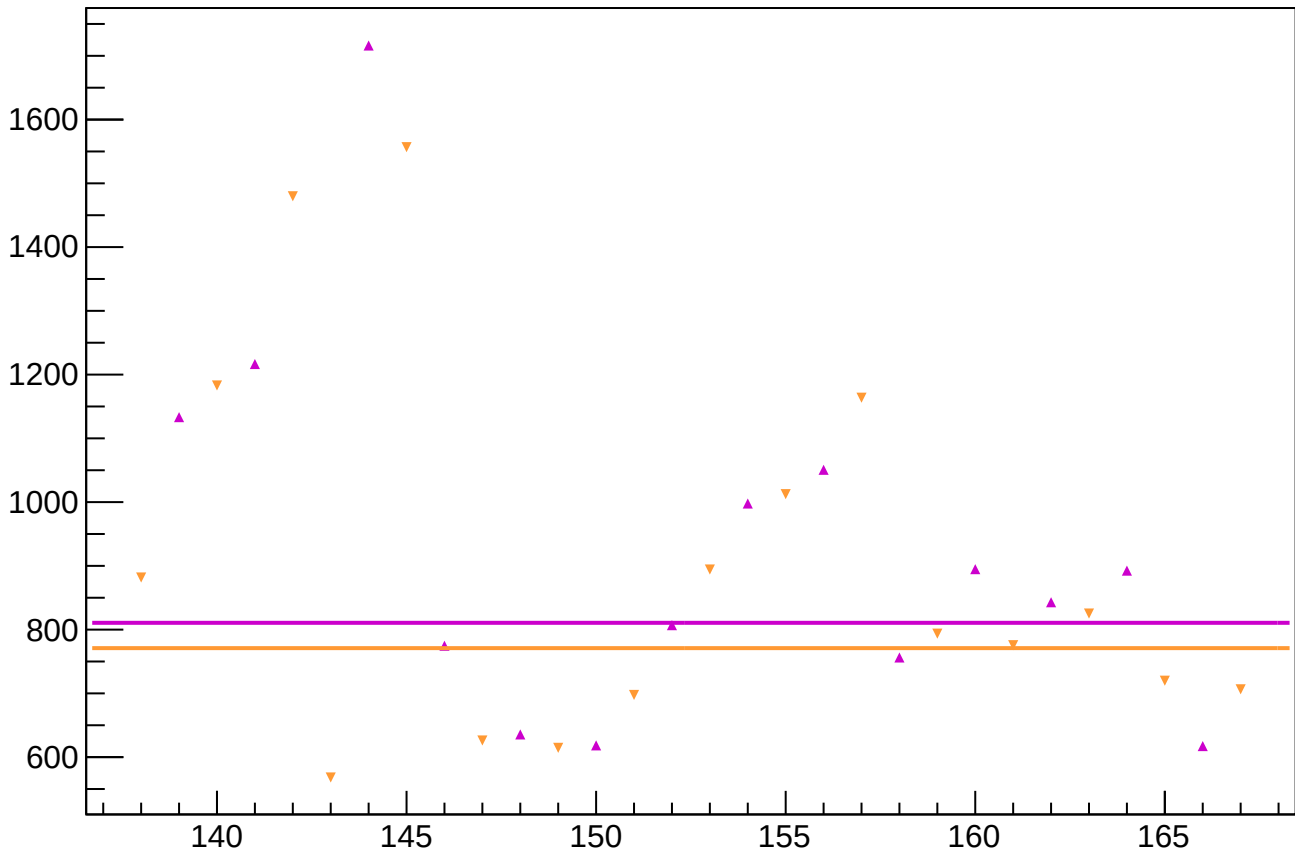
Left In: -251.689+/-253.381 χ^2/NDF : 14.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.624+/-171.245 χ^2/NDF : 46.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_correction_rms vs Slug



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

Left Out: 770.957+/-0.164 χ^2/NDF : 1443041.9/15

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

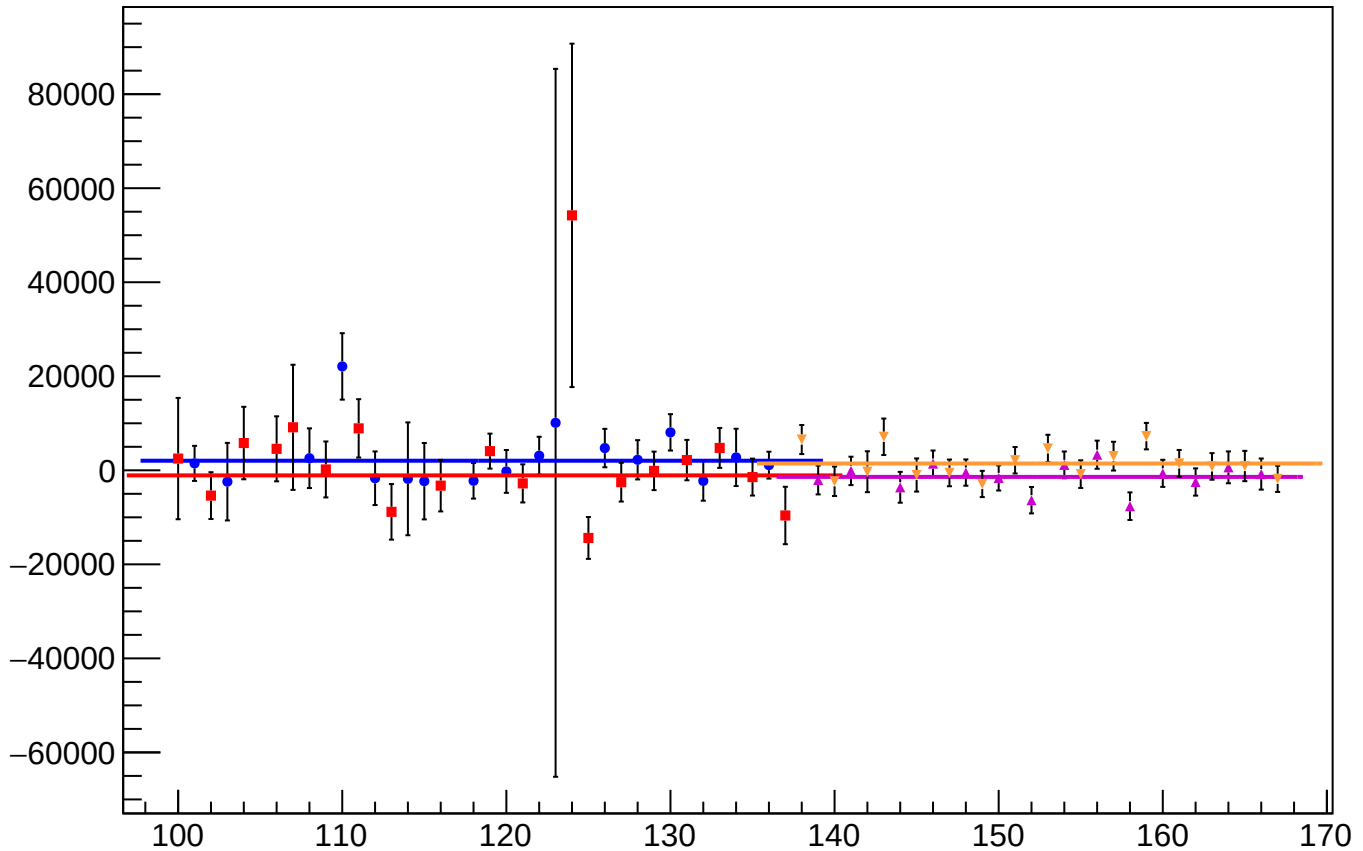
Left In: 810.678+/-0.179 χ^2/NDF : 1364476.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.100+/-0.121 χ^2/NDF : 2834218.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_mean vs Slug



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

Left Out: 1443.364+/-761.582 χ^2/NDF : 17.7/15

Right Out: -1080.125+/-1186.666 χ^2/NDF : 25.3/18

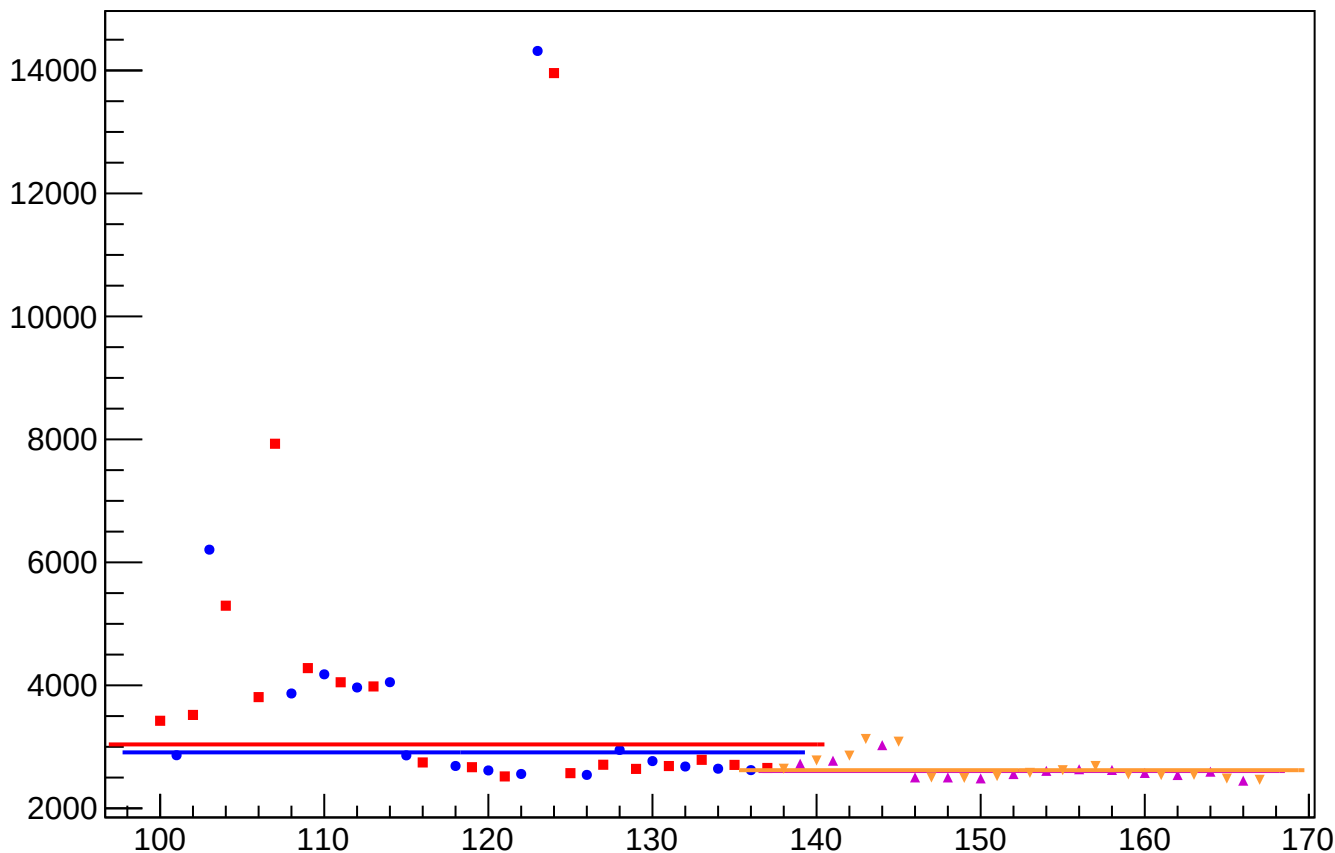
Left In: -1402.426+/-790.199 χ^2/NDF : 13.3/13

+ sign 1624.277+/-635.206 χ^2/NDF : 32.8/32

All: 211.392+/-456.910 χ^2/NDF : 81.7/65

- sign -1303.415+/-657.718 χ^2/NDF : 38.7/32

asym_atl1_rms vs Slug



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

Left Out: 2619.993+/-0.539 χ^2/NDF :105416.2/15

Right Out: 3039.118+/-0.839 χ^2/NDF : 1011306.5/18

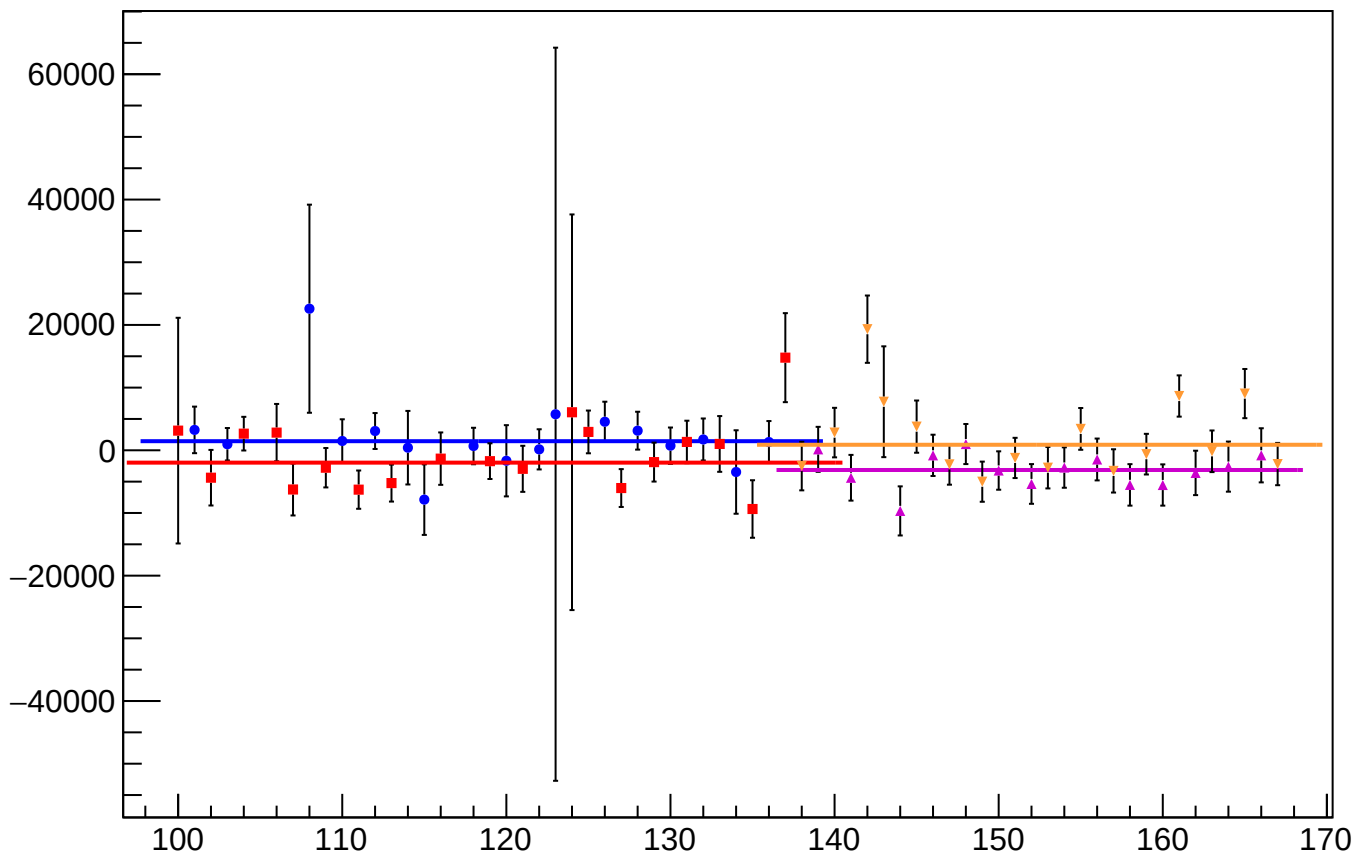
Left In: 2606.274+/-0.559 χ^2/NDF :58272.4/13

+ sign 2708.173+/-0.449 χ^2/NDF : 835410.2/32

All: 2723.168+/-0.323 χ^2/NDF : 2091648.7/65

- sign 2739.244+/-0.465 χ^2/NDF : 1253929.2/32

dit_asym_atl2_mean vs Slug



Right In: 1451.980 $\pm$ 889.008 χ^2 /NDF: 7.4/16

Left Out: 881.901 $\pm$ 904.687 χ^2 /NDF:32.9/15

Right Out: -1969.182 $\pm$ 850.490 χ^2 /NDF: 22.4/18

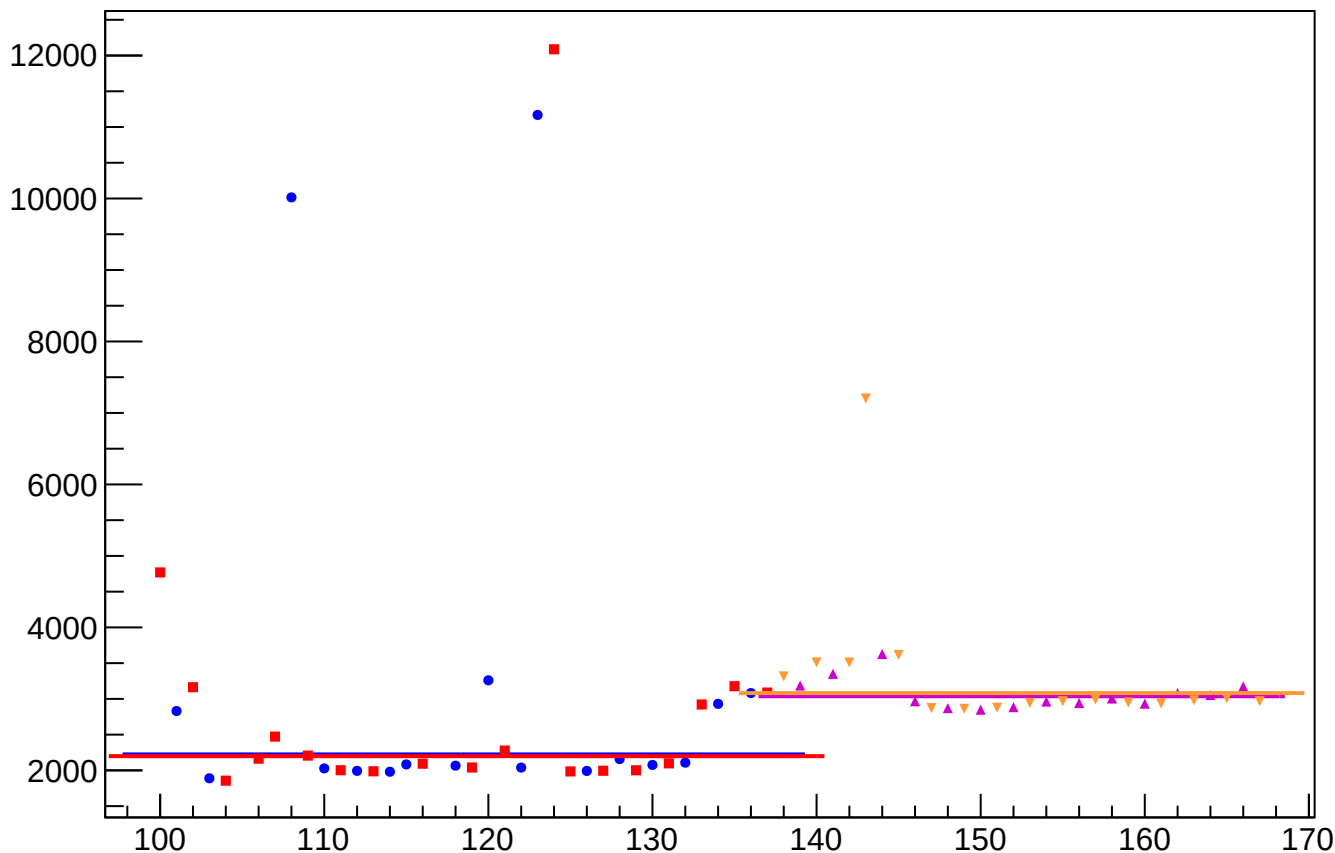
Left In: -3143.442 $\pm$ 920.631 χ^2 /NDF:8.1/13

+ sign 1171.923 $\pm$ 634.095 χ^2 /NDF: 40.5/32

All: -696.413 $\pm$ 445.019 χ^2 /NDF: 89.0/65

- sign -2509.881 $\pm$ 624.714 χ^2 /NDF: 31.3/32

dit_asym_atl2_rms vs Slug



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

Left Out: 3081.199+/-0.640 χ^2/NDF : 556213.8/15

Right Out: 2198.760+/-0.601 χ^2/NDF : 602418.1/18

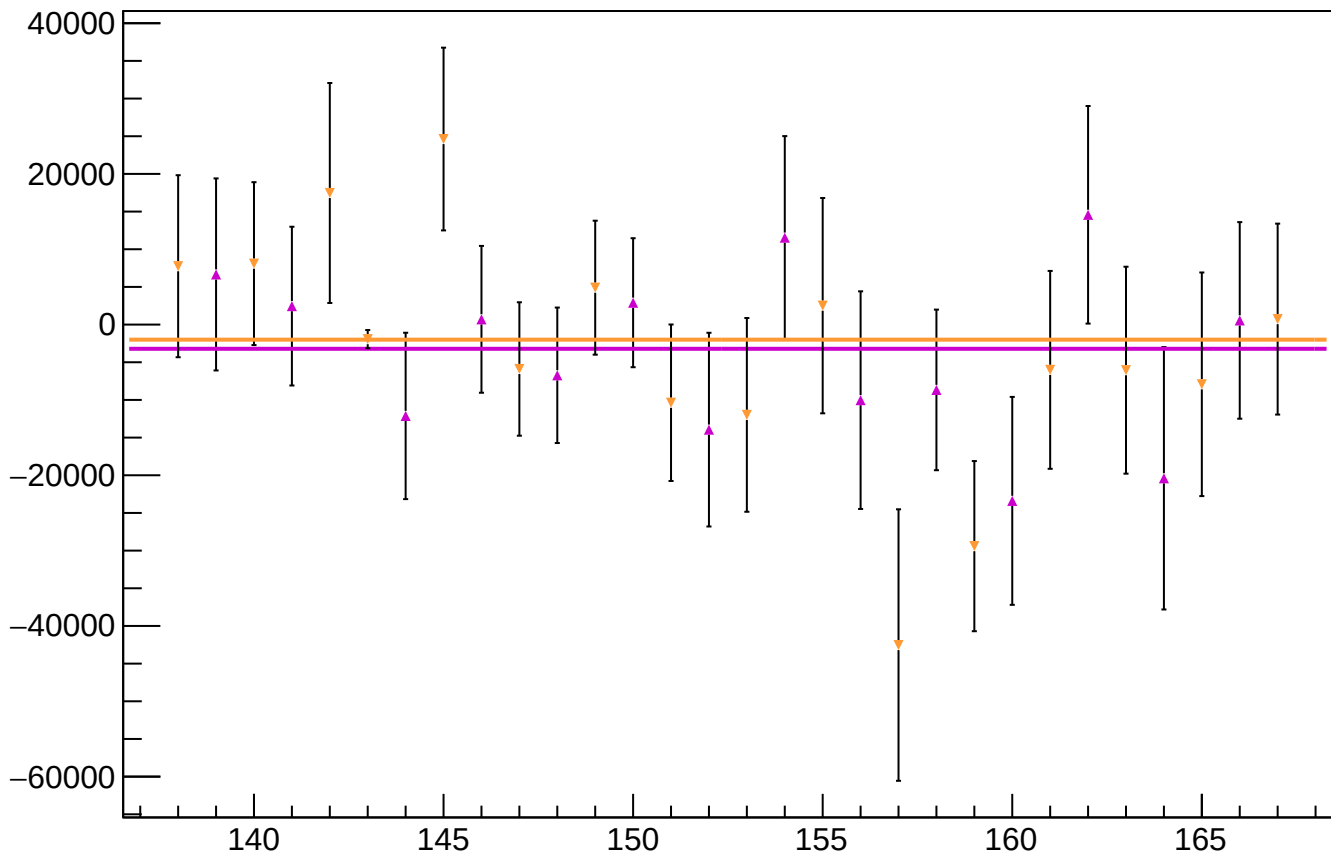
Left In: 3036.851+/-0.651 χ^2/NDF : 89389.9/13

+ sign 2644.665+/-0.448 χ^2/NDF : 2321822.1/32

All: 2614.054+/-0.315 χ^2/NDF : 3917672.1/65

- sign 2584.365+/-0.442 χ^2/NDF : 1586668.4/32

asym_atl2_correction_mean vs Slug



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

Left Out: -2001.130 $\pm$ 1125.207 χ^2 /NDF:21.6/15

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

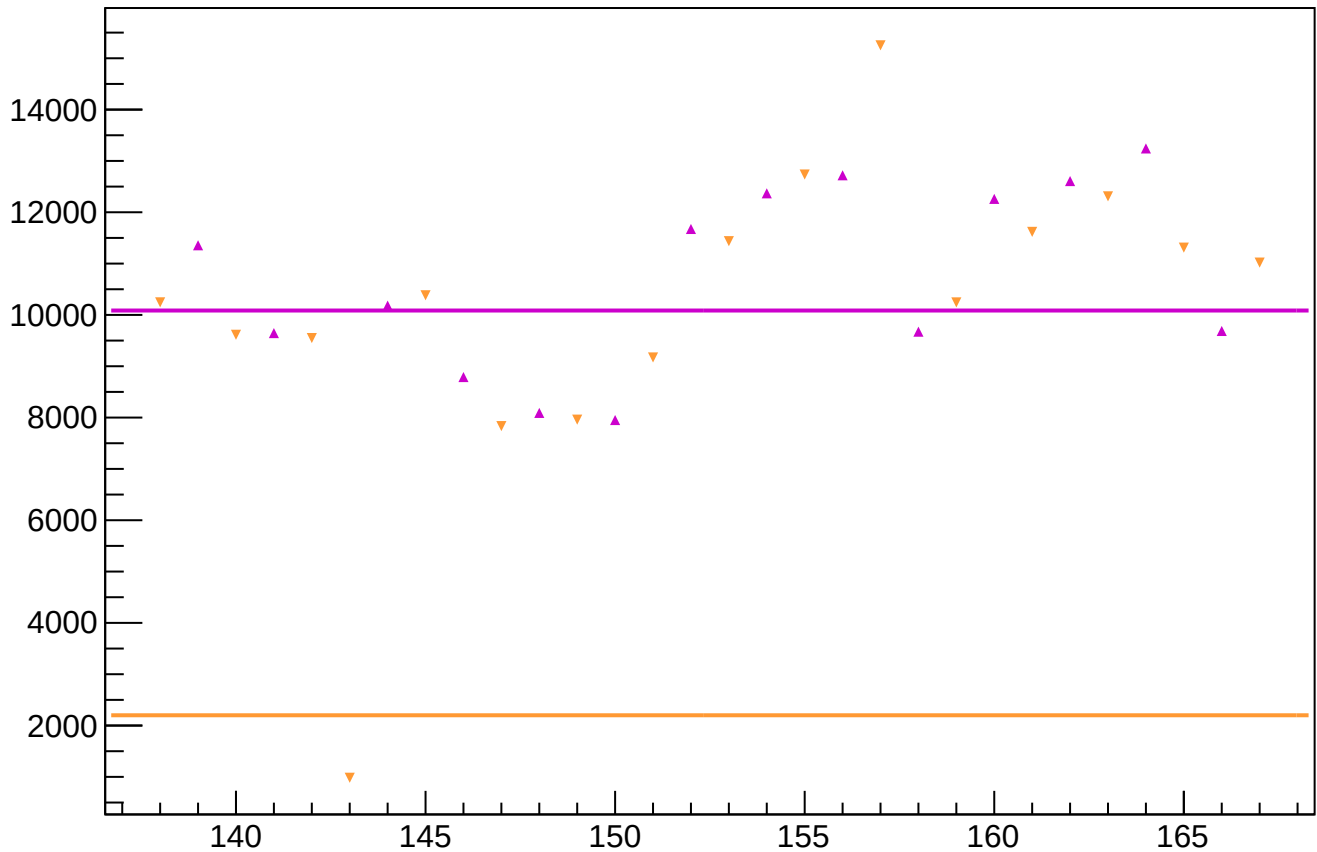
Left In: -3212.339 $\pm$ 3096.655 χ^2 /NDF:9.5/13

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

All: -2142.397 $\pm$ 1057.556 χ^2 /NDF: 31.2/29

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

asym_atl2_correction_rms vs Slug



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

Left Out: 2200.119+/-0.796 χ^2/NDF :15841389.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

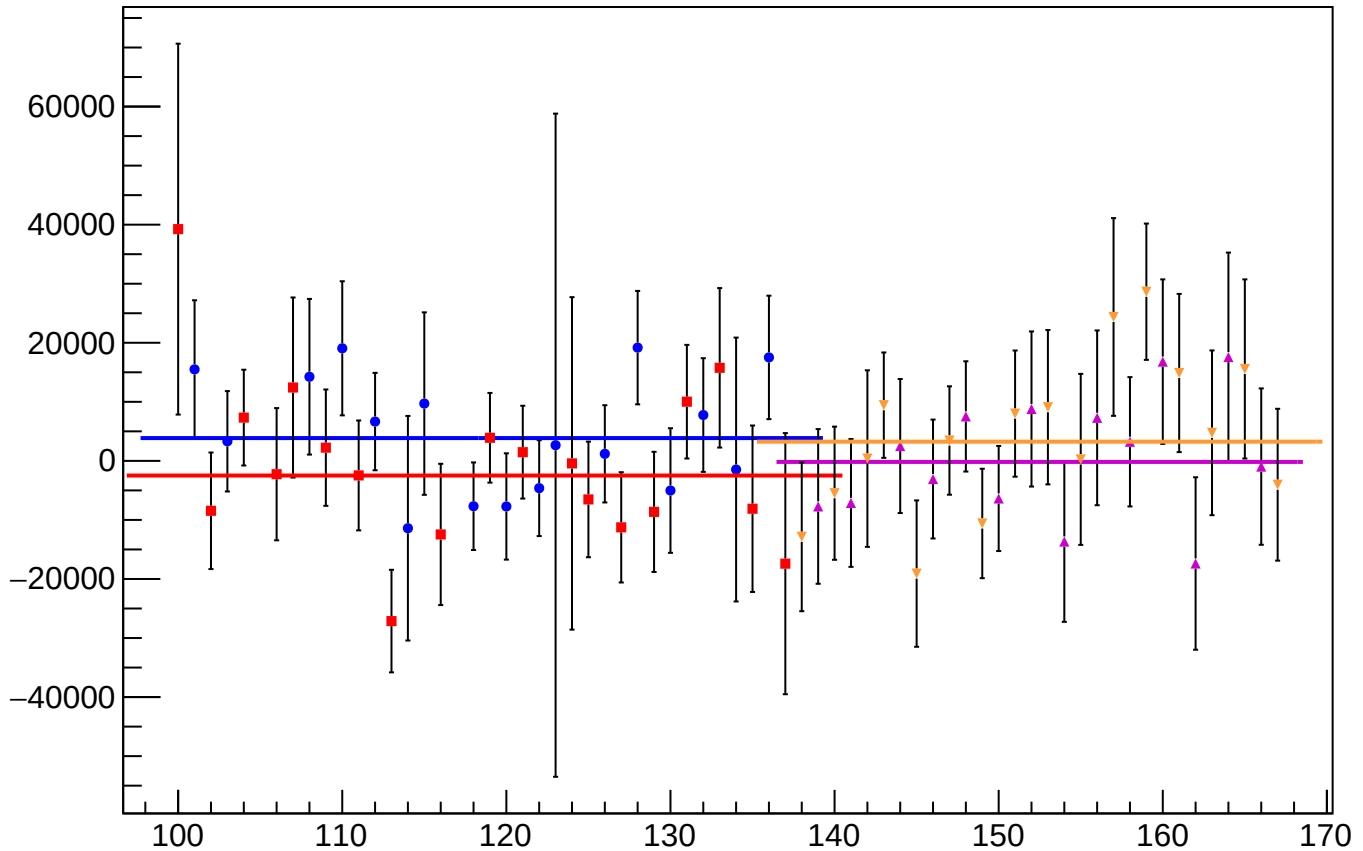
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.831+/-0.748 χ^2/NDF : 27915133.5/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10085.650+/-2.190 χ^2/NDF :617360.7/13

asym_atl2_mean vs Slug



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

Left Out: 3250.287+/-2977.552 χ^2/NDF : 16.9/15

Right Out: -2482.925+/-2421.310 χ^2/NDF : 20.0/18

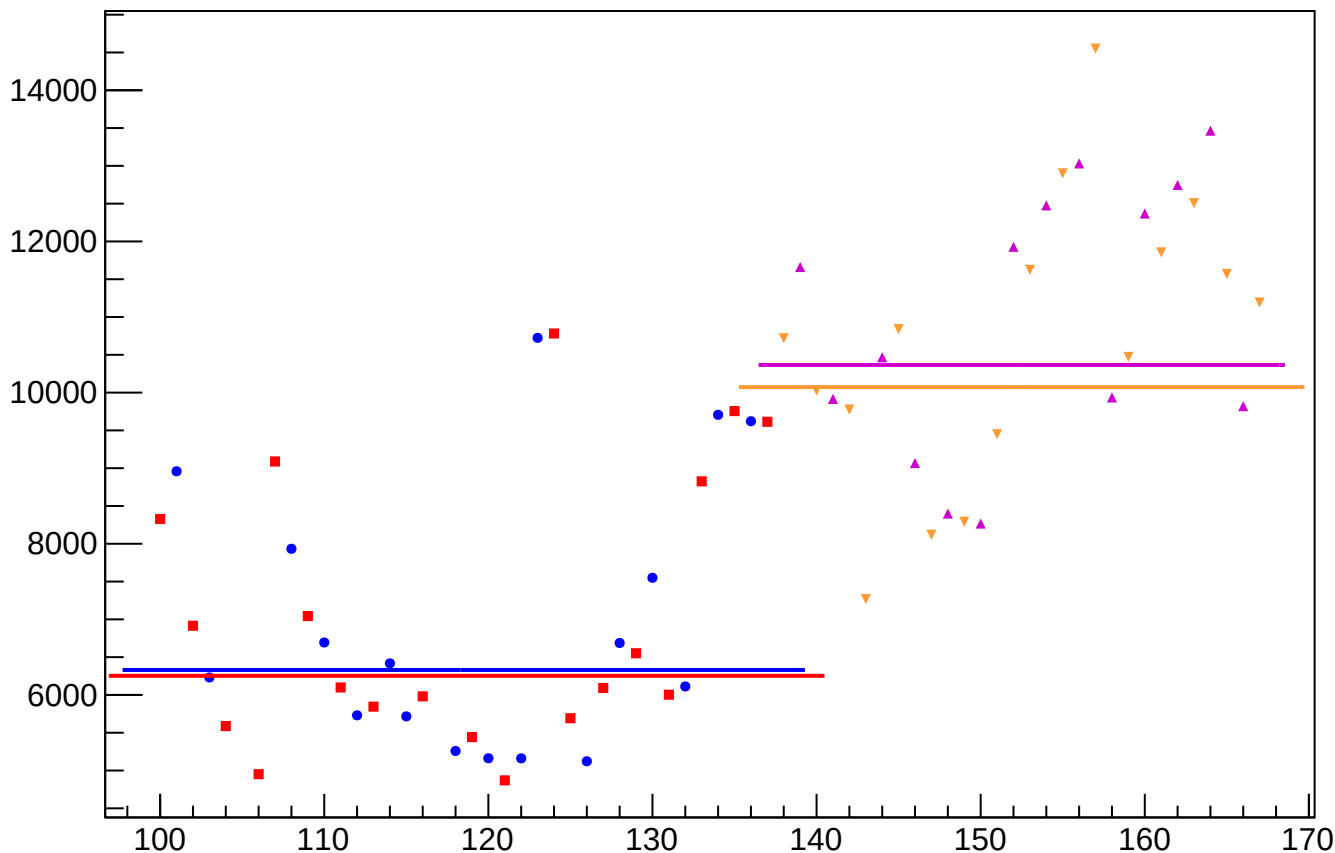
Left In: -177.947+/-3179.179 χ^2/NDF : 7.7/13

+ sign 3606.783+/-1918.561 χ^2/NDF : 31.6/32

All: 995.516+/-1359.340 χ^2/NDF : 63.5/65

- sign -1636.741+/-1926.256 χ^2/NDF : 28.1/32

asym_atl2_rms vs Slug



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

Left Out: 10073.153+/-2.105 χ^2/NDF : 763523.6/15

Right Out: 6253.330+/-1.712 χ^2/NDF : 535355.5/18

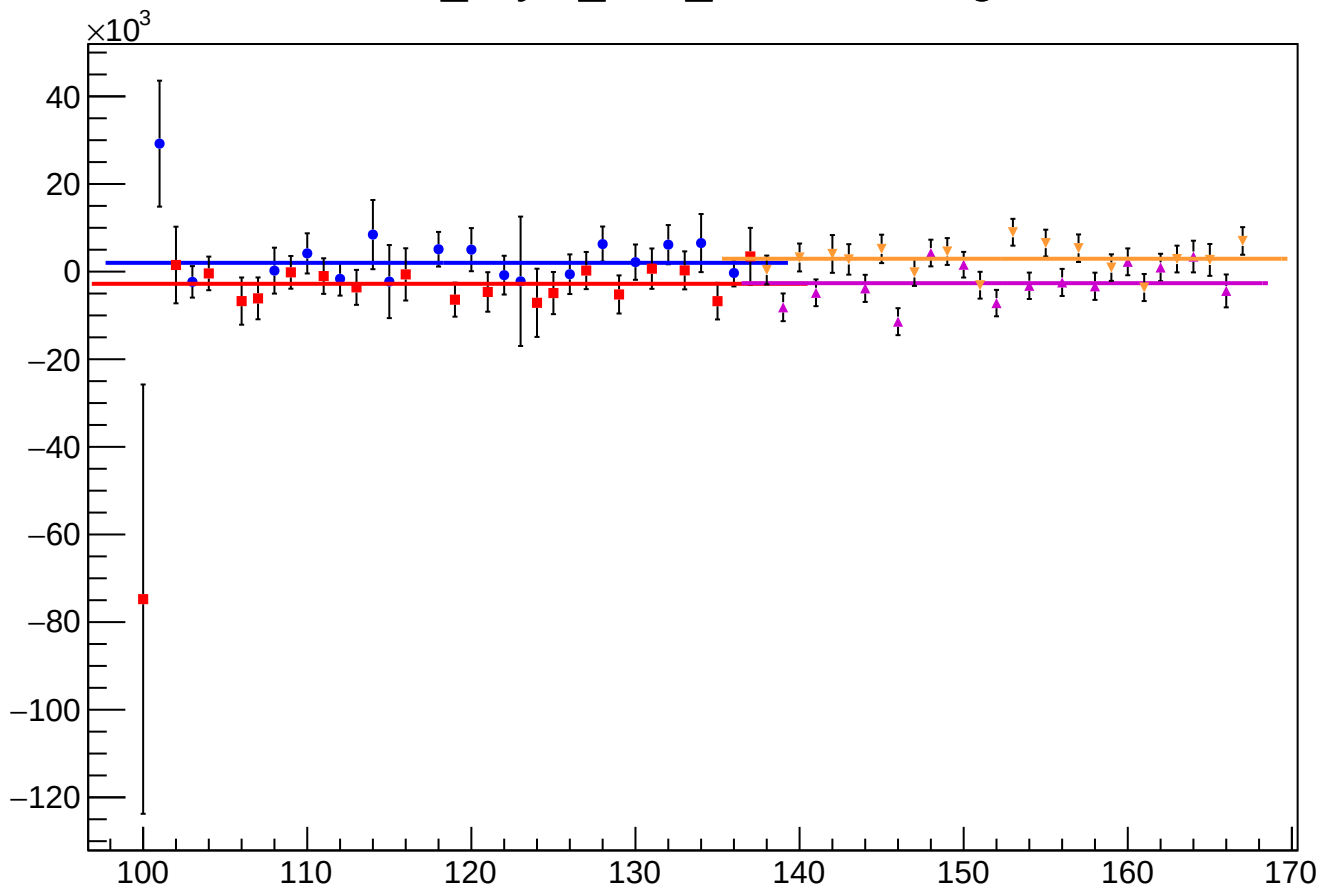
Left In: 10366.234+/-2.248 χ^2/NDF : 560129.5/13

+ sign 7884.229+/-1.357 χ^2/NDF : 3205105.1/32

All: 7823.924+/-0.961 χ^2/NDF : 6423109.2/65

- sign 7763.136+/-1.362 χ^2/NDF : 3214036.3/32

dit_asym_atr1_mean vs Slug



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

Left Out: 2938.313 $\pm$ 802.600 χ^2 /NDF: 18.8/15

Right Out: -2781.006 $\pm$ 1086.164 χ^2 /NDF: 9.9/18

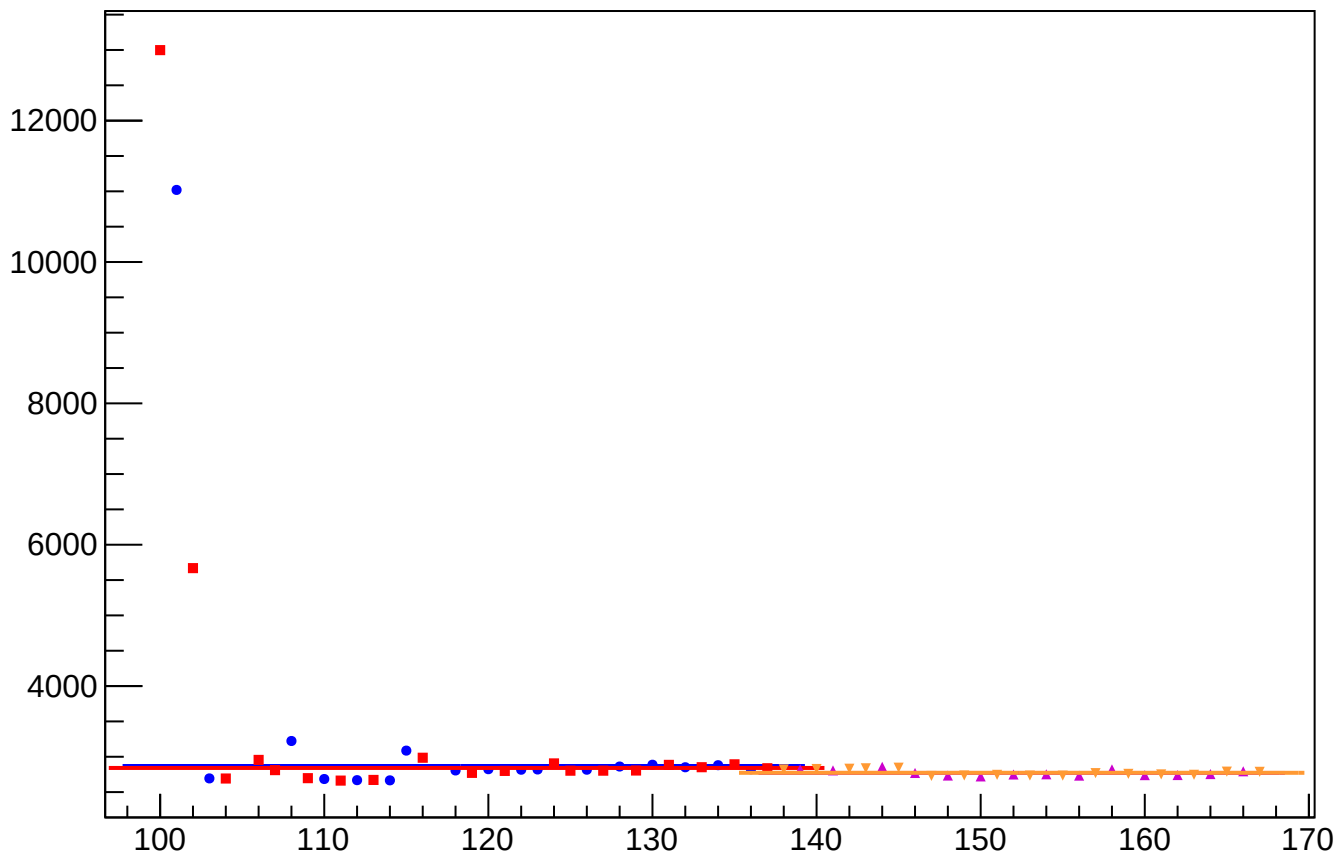
Left In: -2637.444 $\pm$ 837.421 χ^2 /NDF: 28.3/13

+ sign 2627.041 $\pm$ 655.165 χ^2 /NDF: 31.3/32

All: 0.434 $\pm$ 466.085 χ^2 /NDF: 102.1/65

- sign -2690.966 $\pm$ 663.196 χ^2 /NDF: 38.2/32

dit_asym_atr1_rms vs Slug



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

Left Out: 2772.930+/-0.568 χ^2/NDF : 4993.2/15

Right Out: 2841.561+/-0.768 χ^2/NDF : 312523.0/18

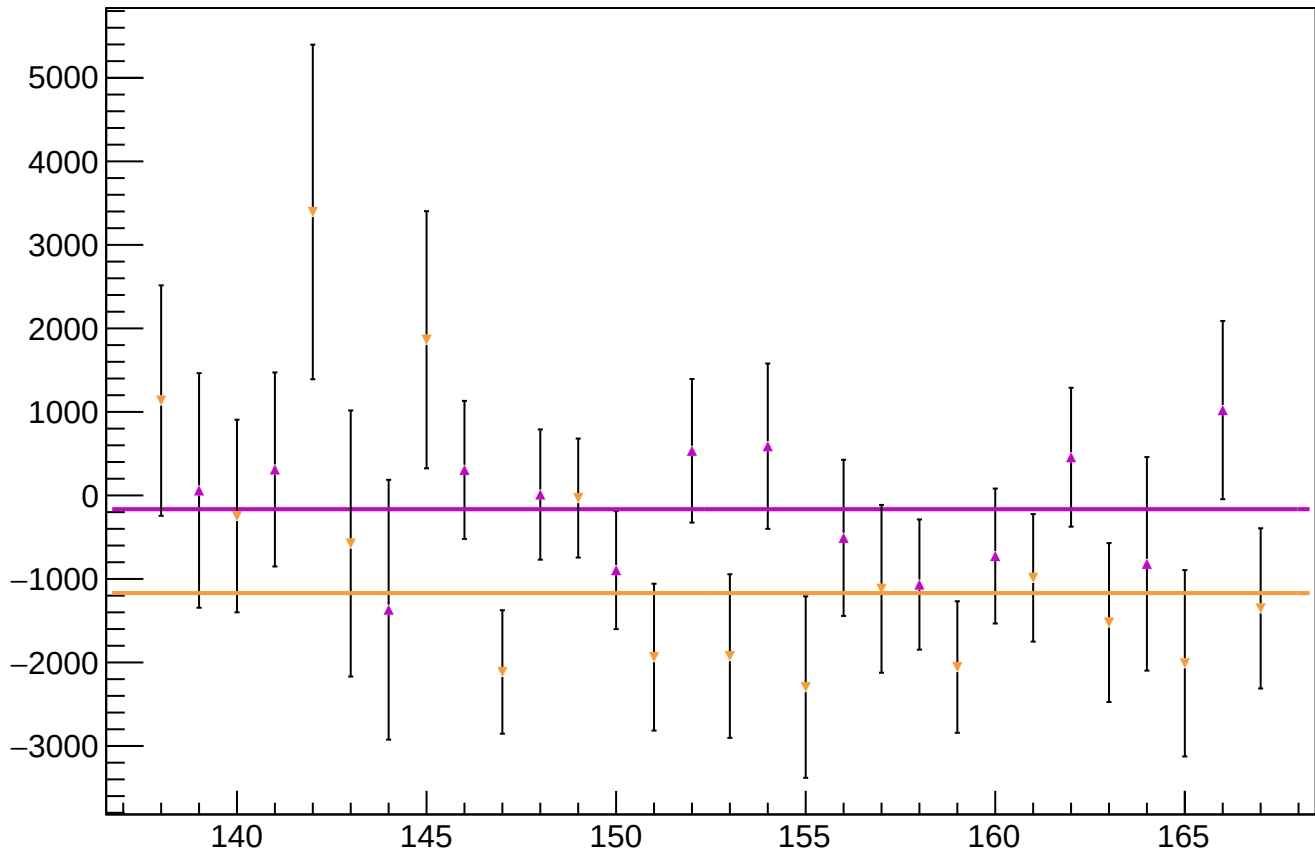
Left In: 2770.544+/-0.592 χ^2/NDF : 4764.9/13

+ sign 2805.049+/-0.463 χ^2/NDF : 684493.8/32

All: 2801.084+/-0.330 χ^2/NDF : 1007292.5/65

- sign 2797.020+/-0.469 χ^2/NDF : 322650.3/32

asym_atr1_correction_mean vs Slug



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

Left Out: -1168.879+/-245.174 χ^2/NDF : 21.3/15

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

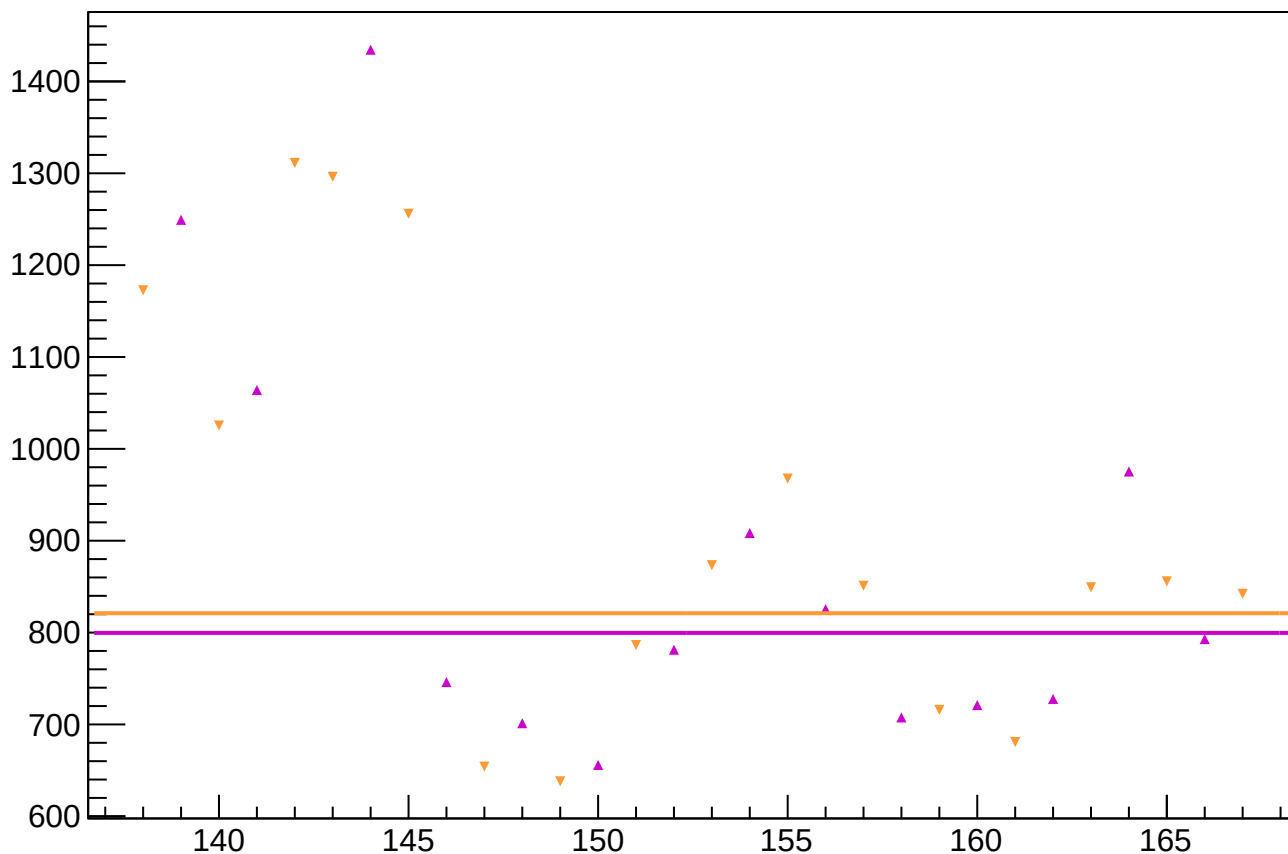
Left In: -164.538+/-246.879 χ^2/NDF : 7.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -670.187+/-173.964 χ^2/NDF : 37.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_correction_rms vs Slug



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

Left Out: 821.088+/-0.173 χ^2/NDF :1038676.9/15

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

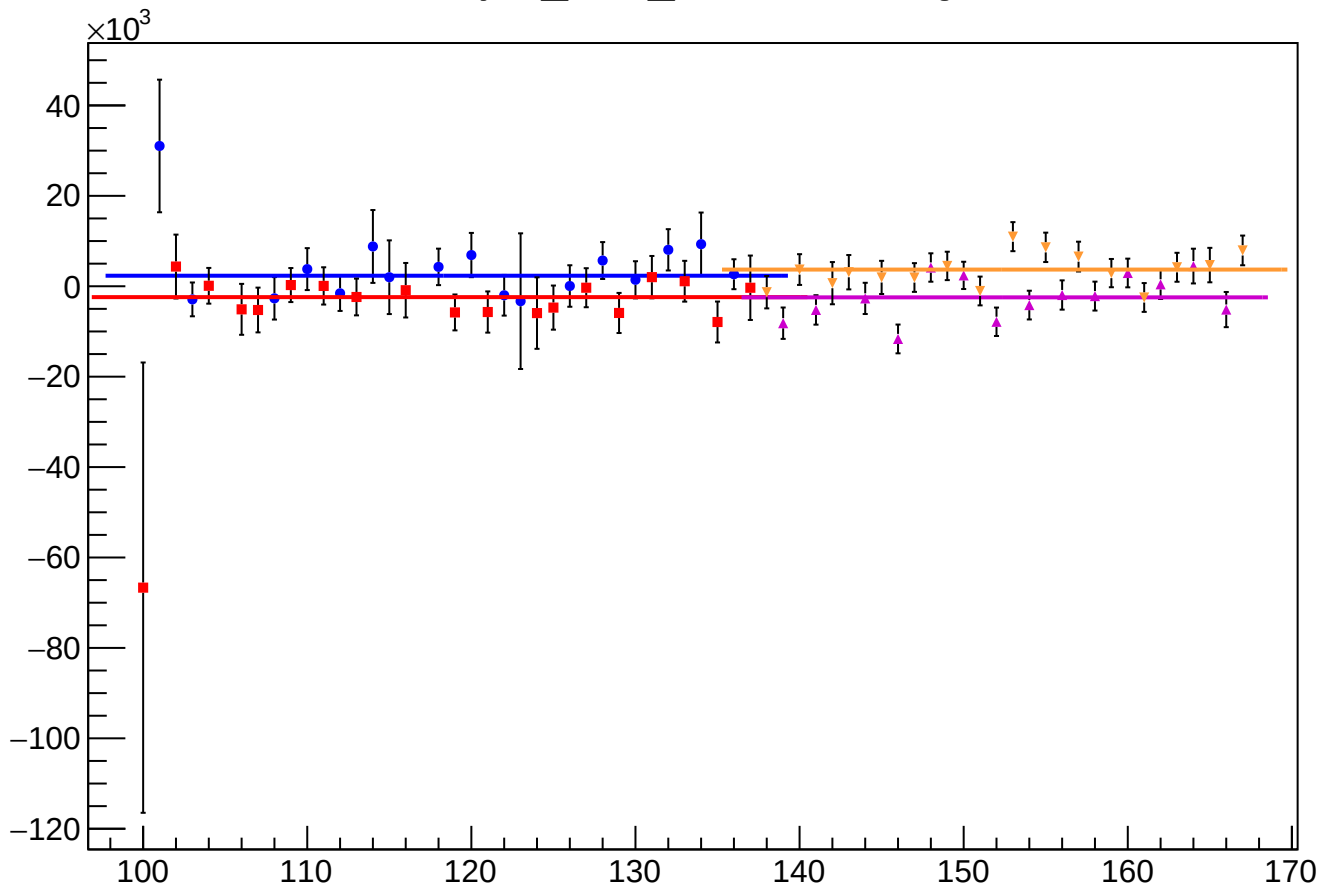
Left In: 799.638+/-0.175 χ^2/NDF :891051.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 810.437+/-0.123 χ^2/NDF : 1937329.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



Right In: 2330.134+/-1156.555 χ^2/NDF : 14.4/16

Left Out: 3690.148+/-846.295 χ^2/NDF : 19.0/15

Right Out: -2403.750+/-1110.093 χ^2/NDF : 10.1/18

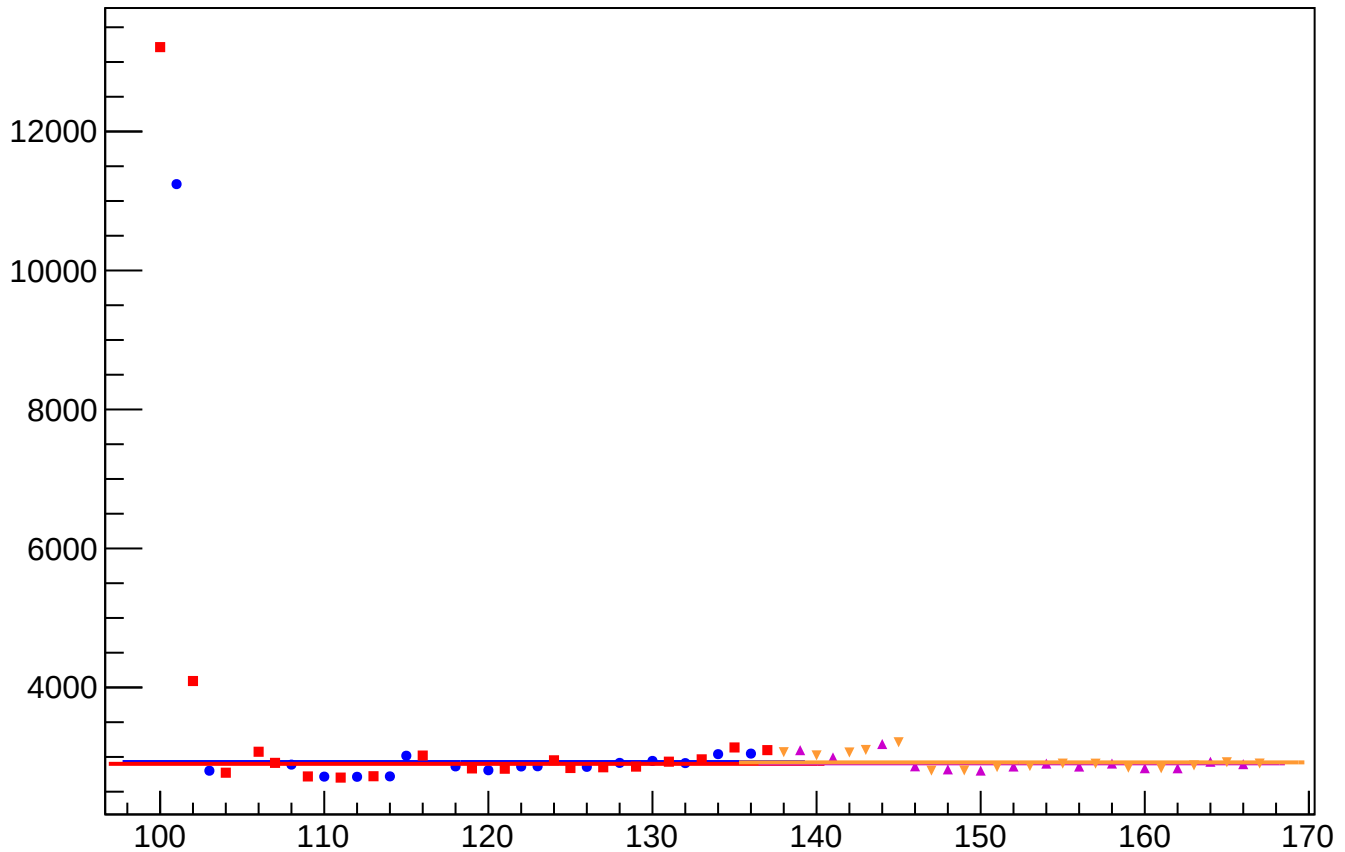
Left In: -2454.945+/-879.483 χ^2/NDF : 29.5/13

+ sign 3215.882+/-682.976 χ^2/NDF : 34.2/32

All: 416.610+/-485.177 χ^2/NDF : 107.7/65

- sign -2435.203+/-689.356 χ^2/NDF : 39.6/32

asym_atr1_rms vs Slug



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

Left Out: 2921.714 $\pm$ 0.598 χ^2 /NDF: 33946.7/15

Right Out: 2900.827 $\pm$ 0.785 χ^2 /NDF: 169866.6/18

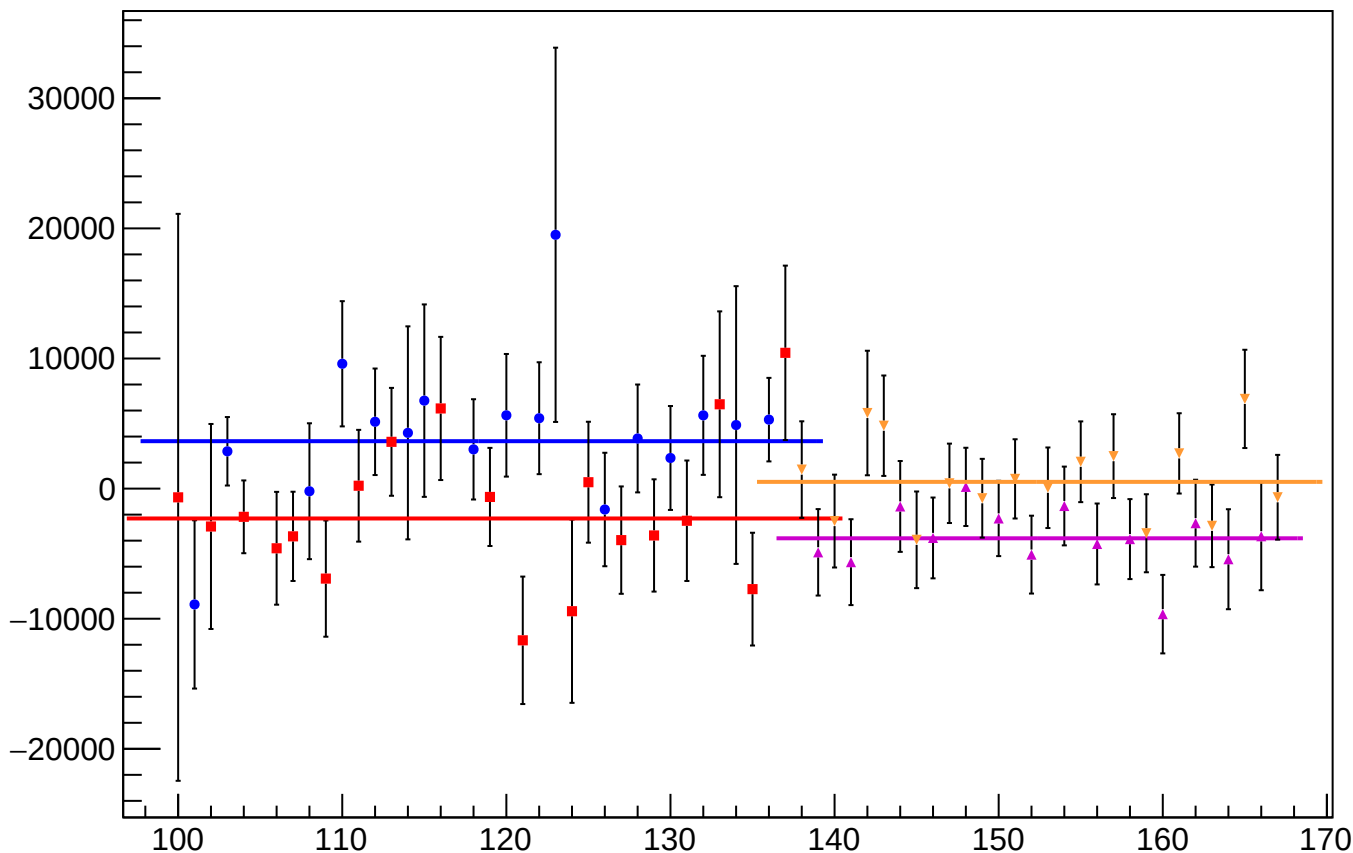
Left In: 2908.130 $\pm$ 0.622 χ^2 /NDF: 27428.0/13

+ sign 2923.422 $\pm$ 0.483 χ^2 /NDF: 696764.5/32

All: 2914.452 $\pm$ 0.343 χ^2 /NDF: 894808.7/65

- sign 2905.314 $\pm$ 0.487 χ^2 /NDF: 197347.8/32

dit_asym_atr2_mean vs Slug



Right In: 3645.268 ± 1091.486 $\chi^2/\text{NDF}: 9.9/16$

Left Out: 518.058 ± 832.435 $\chi^2/\text{NDF}: 11.9/15$

Right Out: -2295.846 ± 1046.865 $\chi^2/\text{NDF}: 18.4/18$

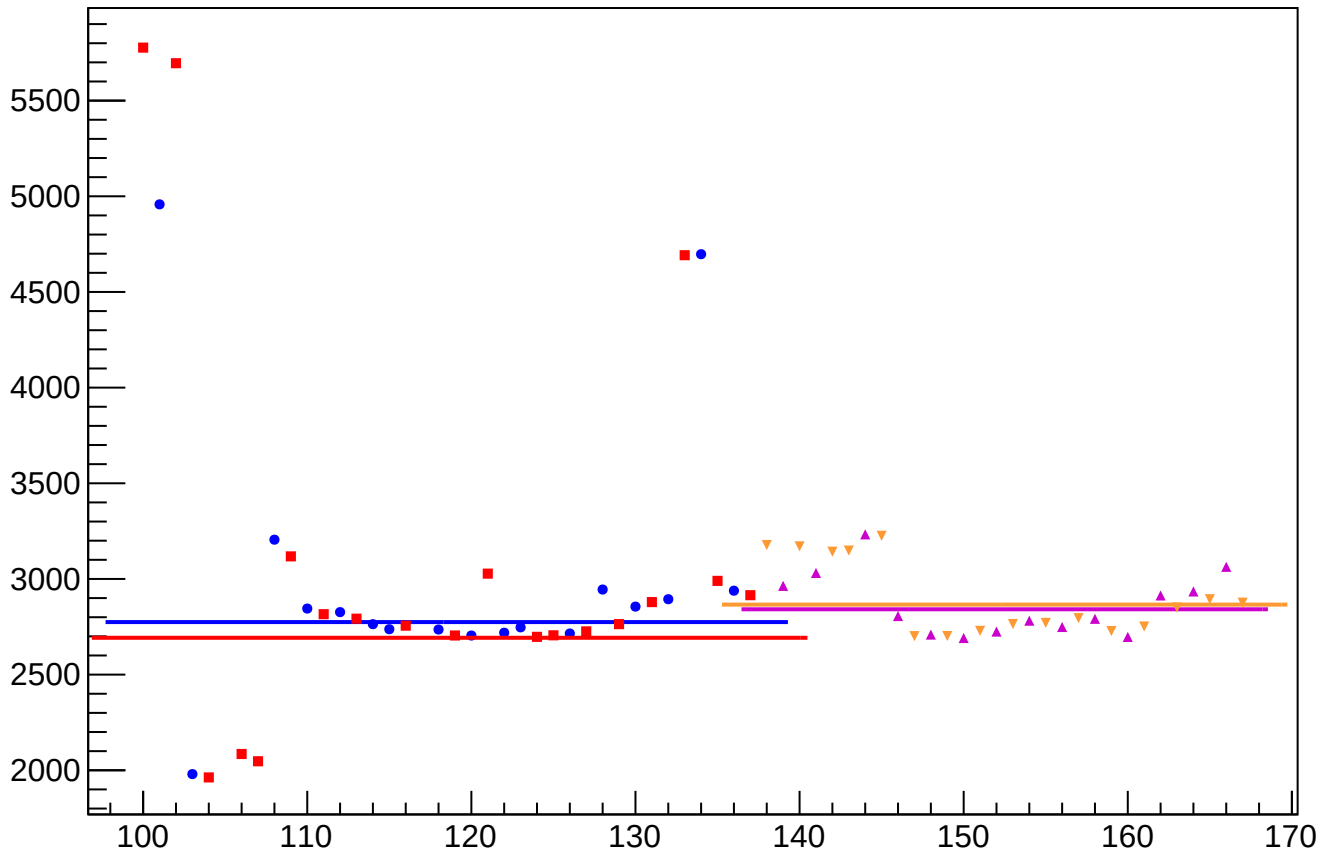
Left In: -3819.187 ± 859.536 $\chi^2/\text{NDF}: 7.8/13$

+ sign 1668.090 ± 661.904 $\chi^2/\text{NDF}: 26.9/32$

All: -760.009 ± 468.884 $\chi^2/\text{NDF}: 81.4/65$

- sign -3205.773 ± 664.307 $\chi^2/\text{NDF}: 27.5/32$

dit_asym_atr2_rms vs Slug



Right In: 2774.617+/-0.772 χ^2/NDF : 501680.3/16

Left Out: 2865.888+/-0.589 χ^2/NDF : 92706.2/15

+ sign 2832.323+/-0.468 χ^2/NDF : 603228.3/32

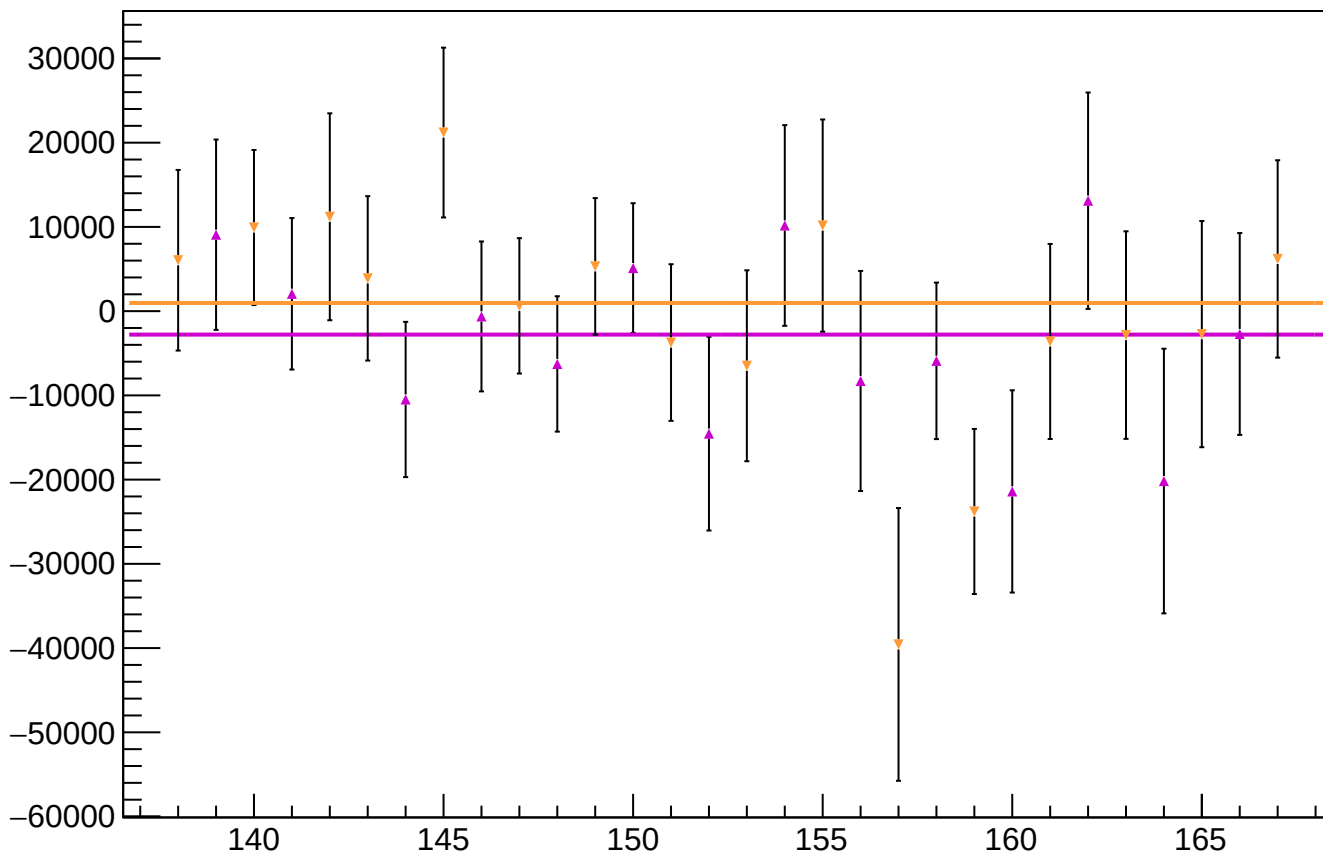
Right Out: 2692.509+/-0.740 χ^2/NDF : 780267.3/18

All: 2806.975+/-0.332 χ^2/NDF : 1476094.1/65

Left In: 2841.445+/-0.608 χ^2/NDF : 62522.3/13

- sign 2781.449+/-0.470 χ^2/NDF : 866978.9/32

asym_atr2_correction_mean vs Slug



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

Left Out: 970.657+/-2626.694 χ^2/NDF :20.7/15

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

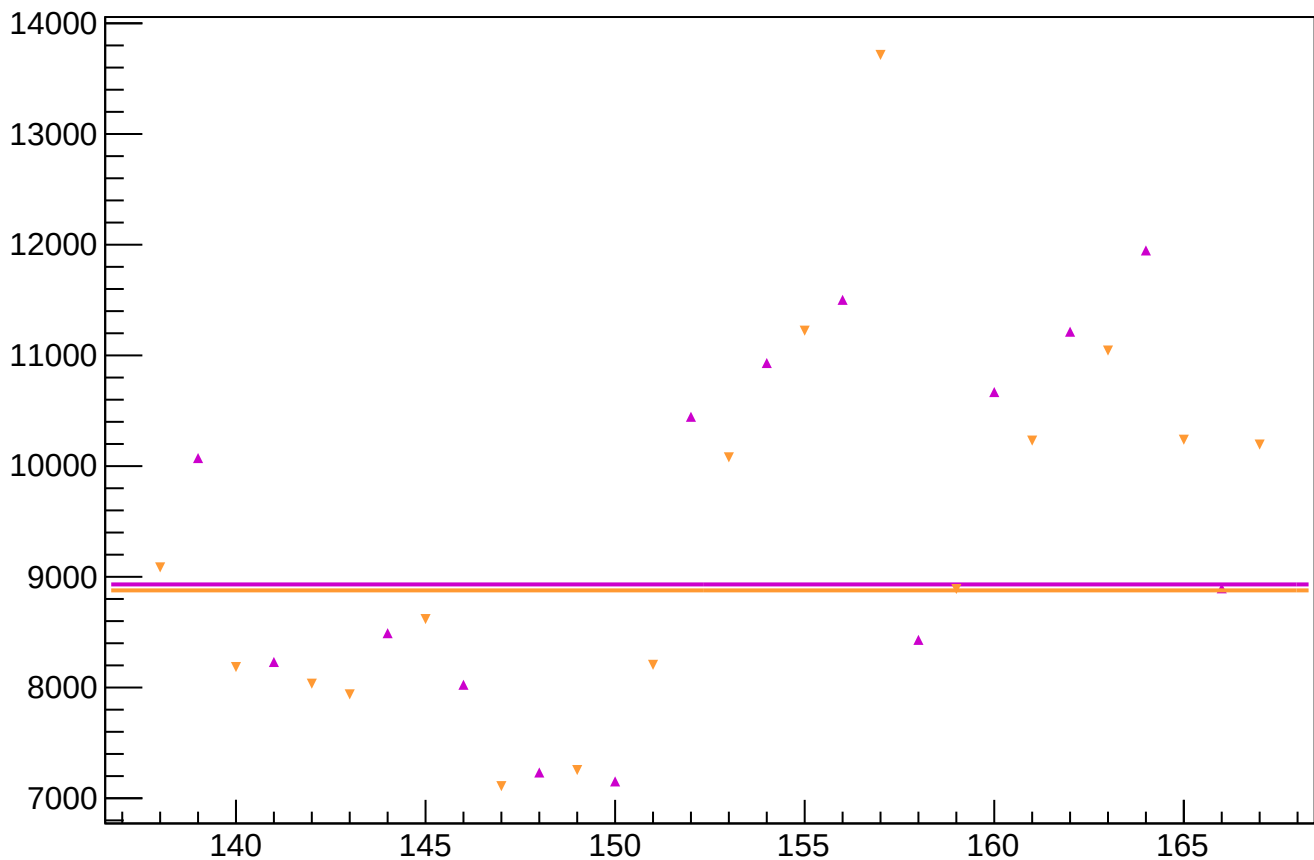
Left In: -2785.179+/-2741.858 χ^2/NDF :11.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -826.729+/-1896.760 χ^2/NDF : 32.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_correction_rms vs Slug



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

Left Out: 8877.517+/-1.857 χ^2/NDF : 634147.1/15

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

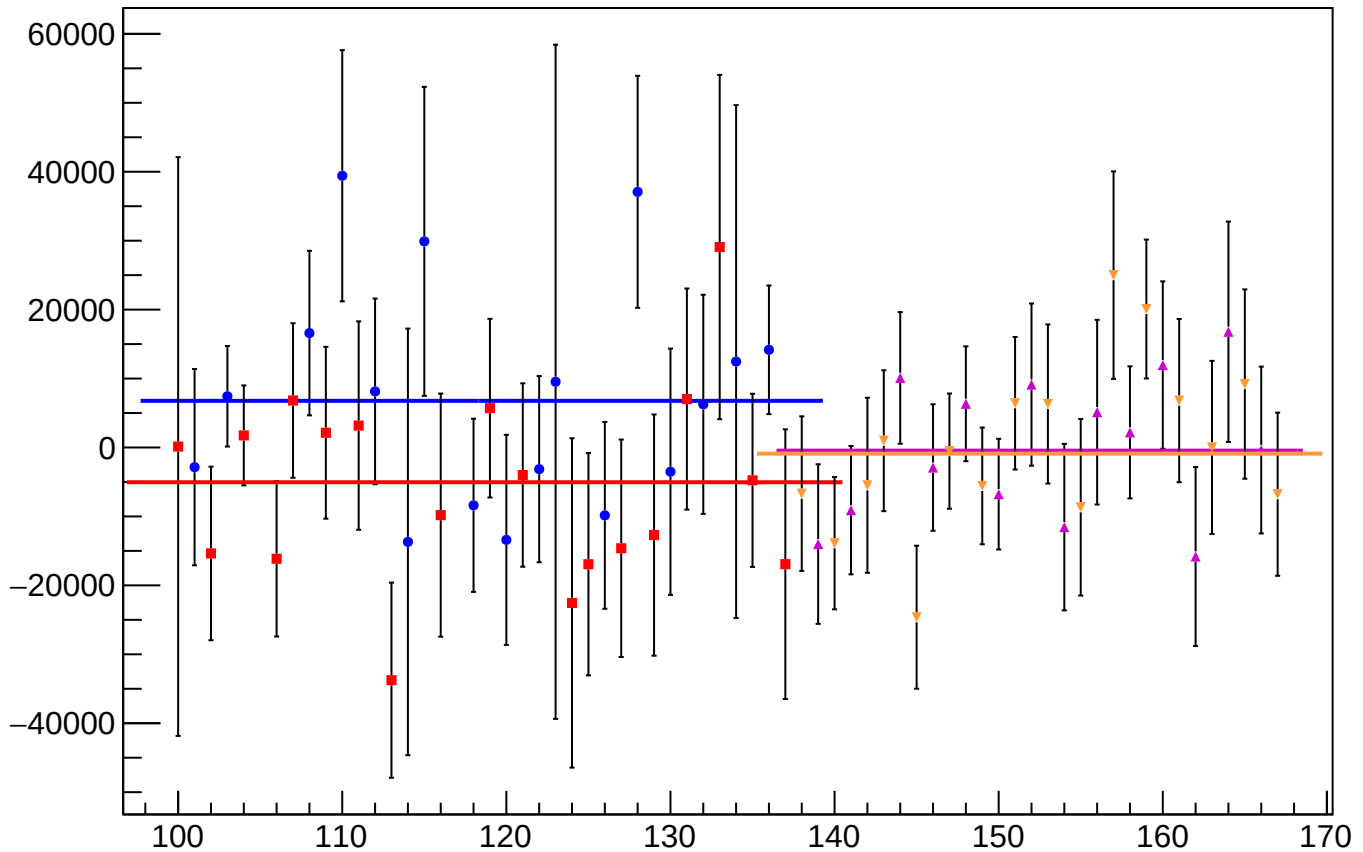
Left In: 8931.410+/-1.939 χ^2/NDF : 607132.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8903.308+/-1.341 χ^2/NDF : 1241682.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



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

Left Out: -889.436 $\pm$ 2703.659 χ^2 /NDF:17.7/15

Right Out: -5041.440 $\pm$ 3167.616 χ^2 /NDF: 13.6/18

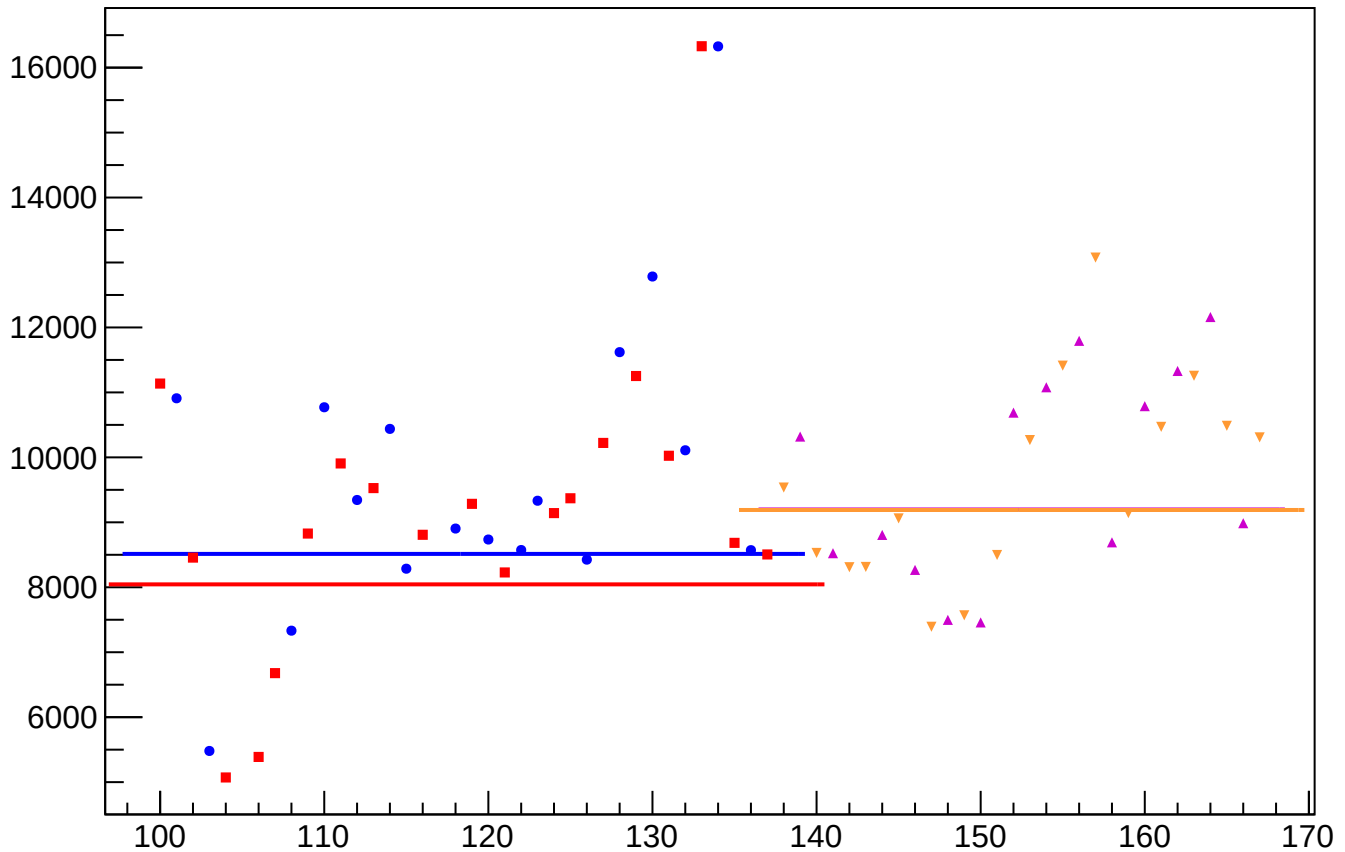
Left In: -456.857 $\pm$ 2819.397 χ^2 /NDF:10.2/13

+ sign 2090.454 $\pm$ 2113.044 χ^2 /NDF: 36.1/32

All: -204.098 $\pm$ 1491.654 χ^2 /NDF: 63.4/65

- sign -2483.397 $\pm$ 2106.009 χ^2 /NDF: 24.9/32

asym_atr2_rms vs Slug



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

Left Out: 9190.003 $\pm$ 1.912 χ^2 /NDF: 536697.7/15

Right Out: 8044.739 $\pm$ 2.240 χ^2 /NDF: 952310.5/18

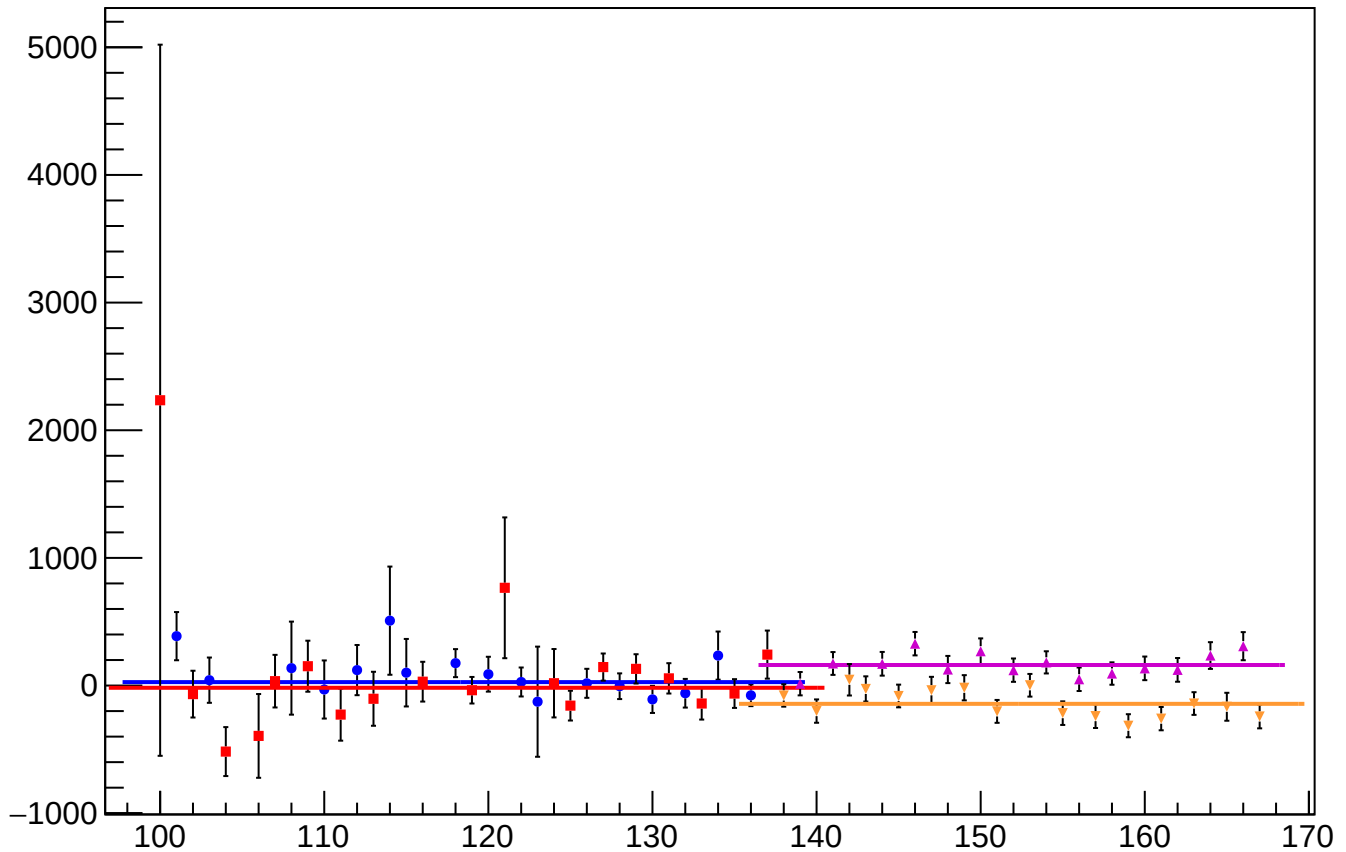
Left In: 9198.055 $\pm$ 1.994 χ^2 /NDF: 549337.6/13

+ sign 8926.786 $\pm$ 1.494 χ^2 /NDF: 1348020.6/32

All: 8807.108 $\pm$ 1.055 χ^2 /NDF: 3010397.6/65

- sign 8688.230 $\pm$ 1.489 χ^2 /NDF: 1649588.7/32

dit_asym_sam1_mean vs Slug



Right In: 26.932+/-34.029 χ^2/NDF : 12.6/16

Left Out: -143.251+/-23.638 χ^2/NDF : 19.0/15

Right Out: -17.368+/-35.548 χ^2/NDF : 21.9/18

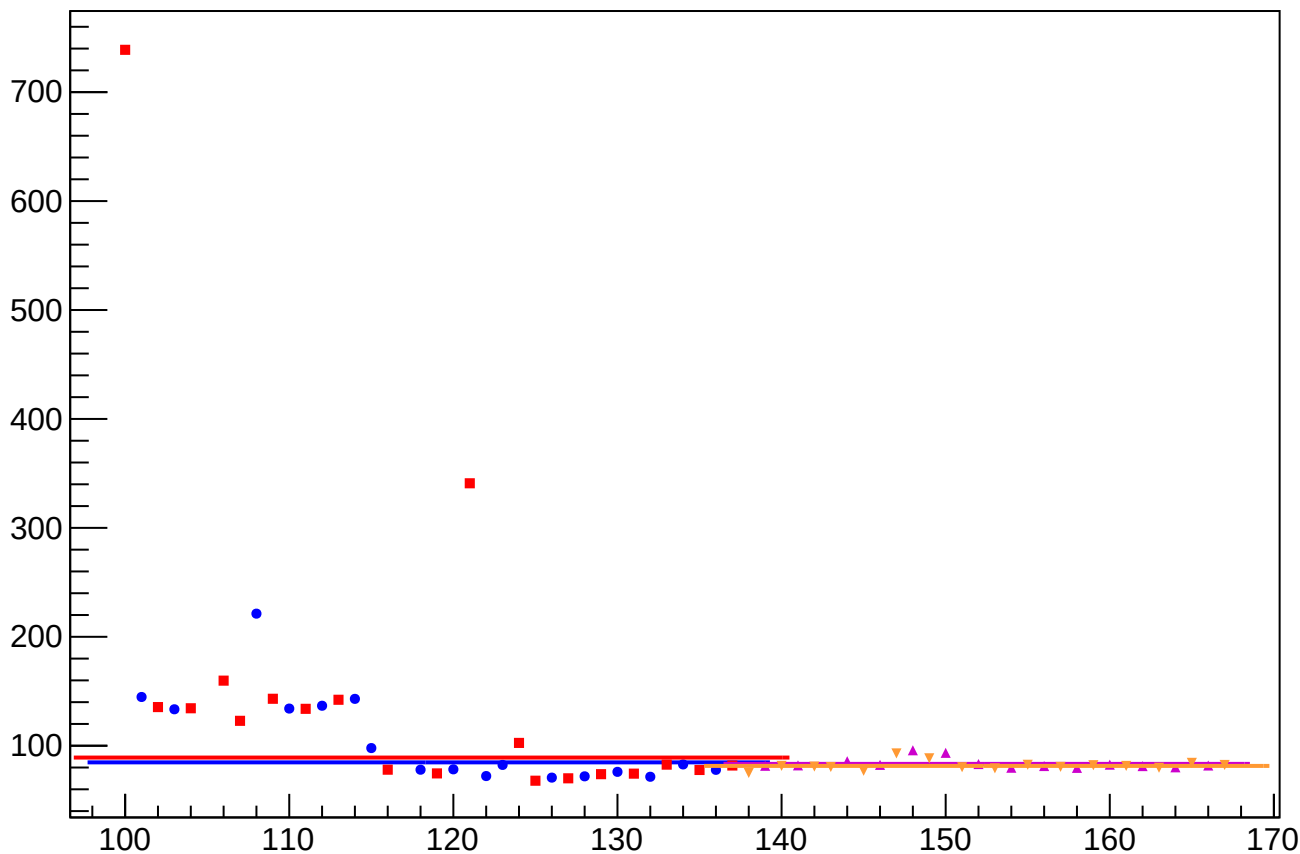
Left In: 161.008+/-25.214 χ^2/NDF : 12.0/13

+ sign -87.861+/-19.413 χ^2/NDF : 48.5/32

All: 1.272+/-14.117 χ^2/NDF : 143.8/65

- sign 101.302+/-20.566 χ^2/NDF : 50.6/32

dit_asym_sam1_rms vs Slug



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

Left Out: 81.477 $\pm$ 0.017 χ^2 /NDF: 54298.1/15

Right Out: 89.143 $\pm$ 0.025 χ^2 /NDF: 1559269.8/18

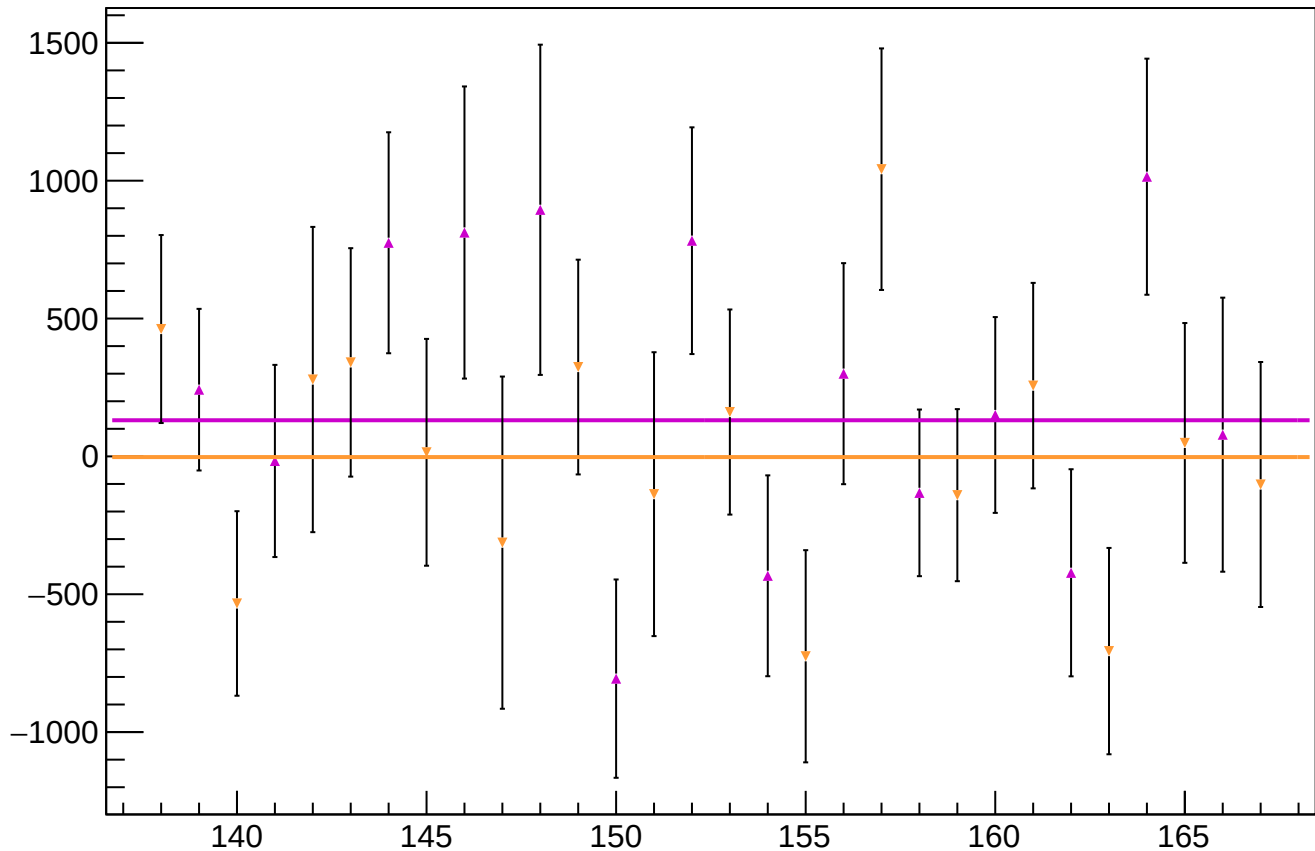
Left In: 83.336 $\pm$ 0.018 χ^2 /NDF: 61589.0/13

+ sign 82.538 $\pm$ 0.014 χ^2 /NDF: 1131099.1/32

All: 83.830 $\pm$ 0.010 χ^2 /NDF: 2806261.5/65

- sign 85.279 $\pm$ 0.015 χ^2 /NDF: 1656371.6/32

asym_sam1_correction_mean vs Slug



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

Left Out: -2.506 $\pm$ 100.100 χ^2 /NDF: 20.0/15

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

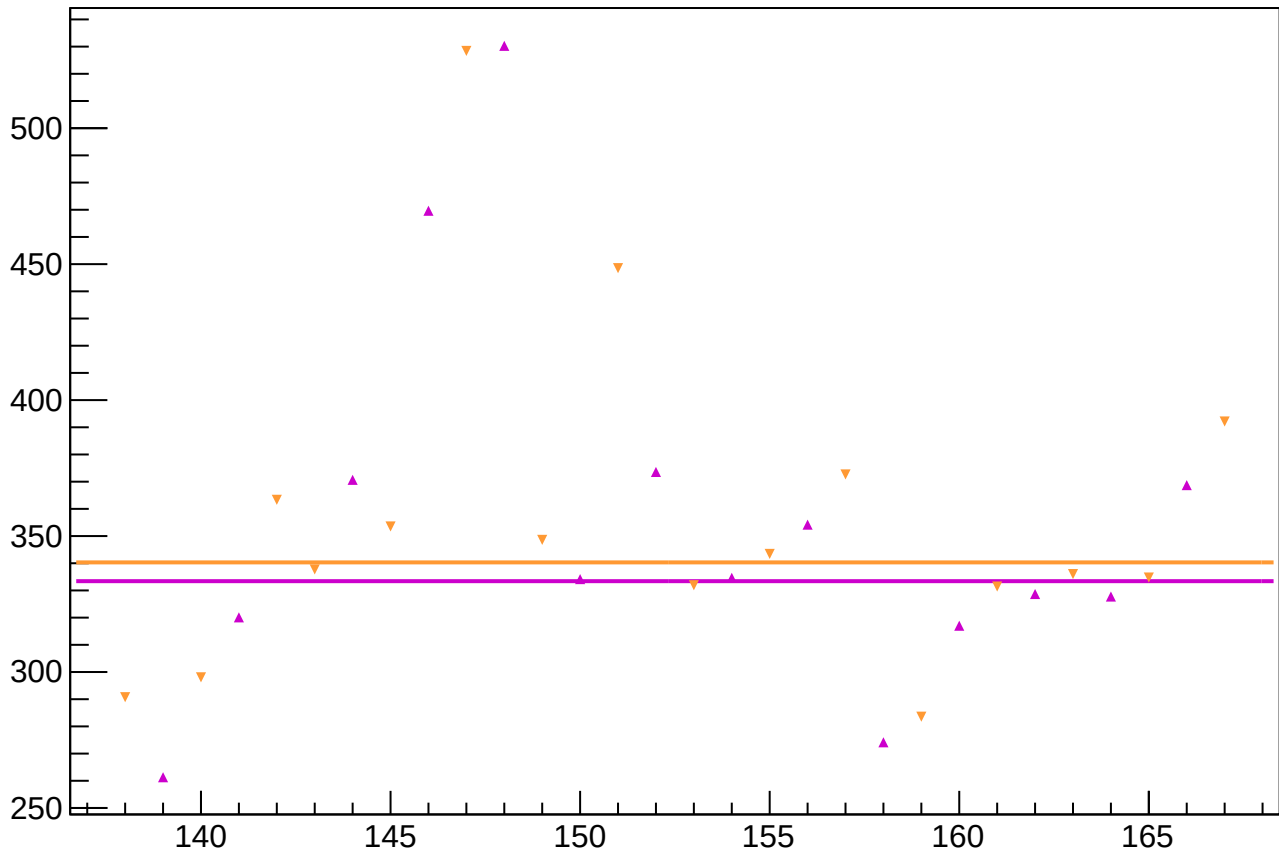
Left In: 131.058 $\pm$ 102.428 χ^2 /NDF: 25.3/13

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

All: 62.741 $\pm$ 71.590 χ^2 /NDF: 46.2/29

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

asym_sam1_correction_rms vs Slug



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

Left Out: 340.315+/-0.071 χ^2/NDF : 471088.2/15

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

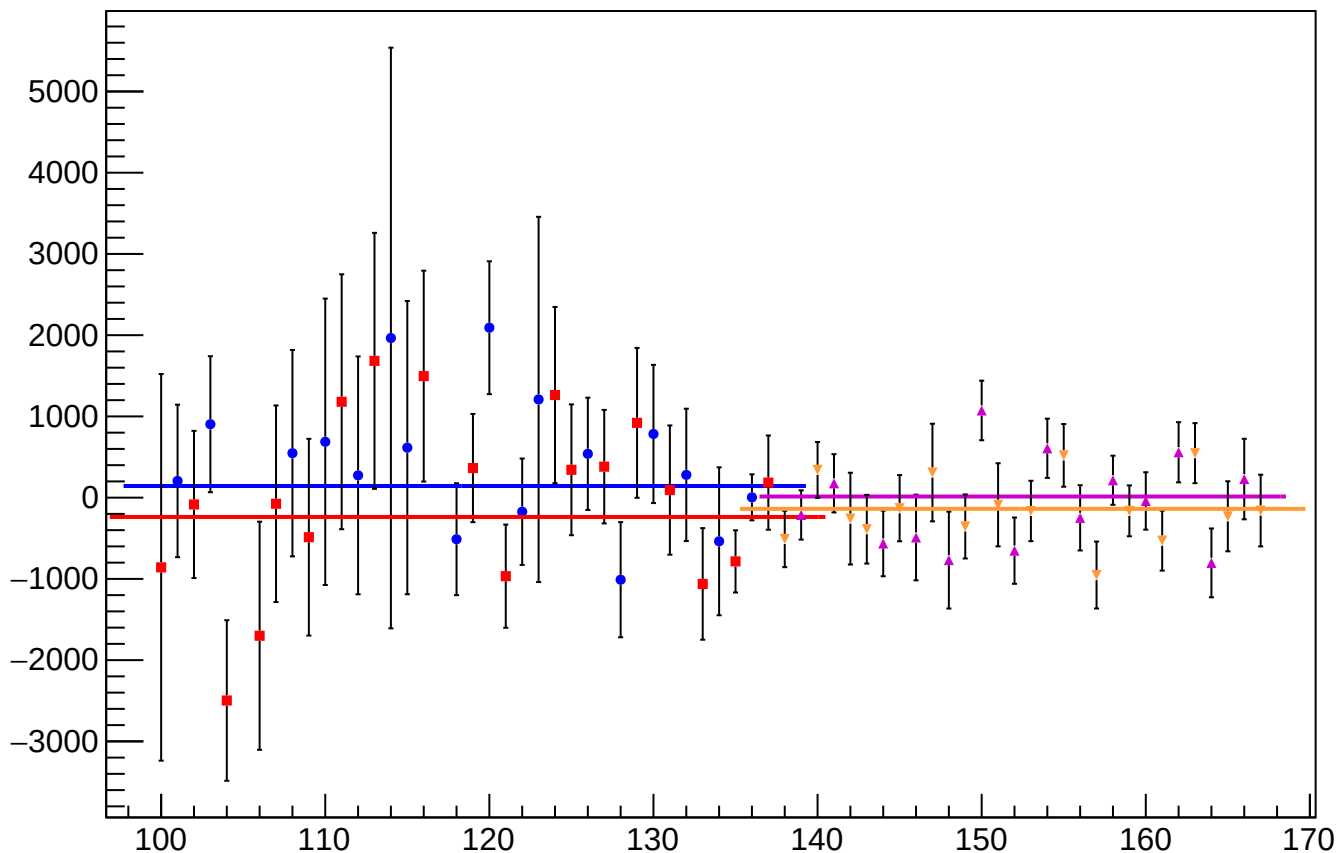
Left In: 333.410+/-0.072 χ^2/NDF : 605971.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.942+/-0.051 χ^2/NDF : 1081709.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



Right In: 143.486 ± 179.237 $\chi^2/\text{NDF}: 12.8/16$

Left Out: -137.487 ± 100.135 $\chi^2/\text{NDF}: 15.8/15$

Right Out: -237.821 ± 183.995 $\chi^2/\text{NDF}: 21.7/18$

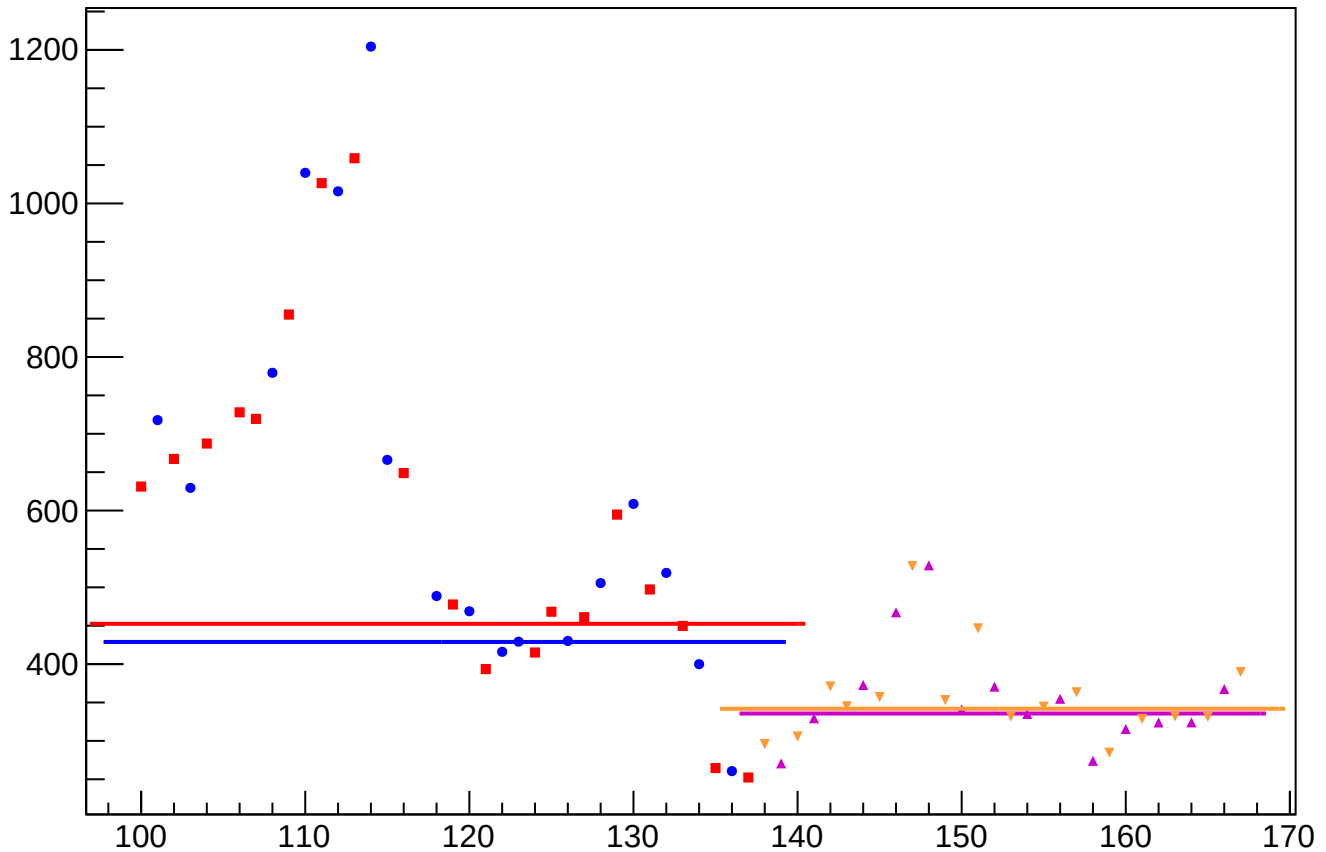
Left In: 14.060 ± 103.025 $\chi^2/\text{NDF}: 26.1/13$

+ sign -70.651 ± 87.418 $\chi^2/\text{NDF}: 30.4/32$

All: -58.700 ± 62.670 $\chi^2/\text{NDF}: 79.6/65$

- sign -46.062 ± 89.893 $\chi^2/\text{NDF}: 49.2/32$

asym_sam1_rms vs Slug



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

Left Out: 341.883+/-0.071 χ^2/NDF : 444402.9/15

Right Out: 452.517+/-0.130 χ^2/NDF : 2039238.5/18

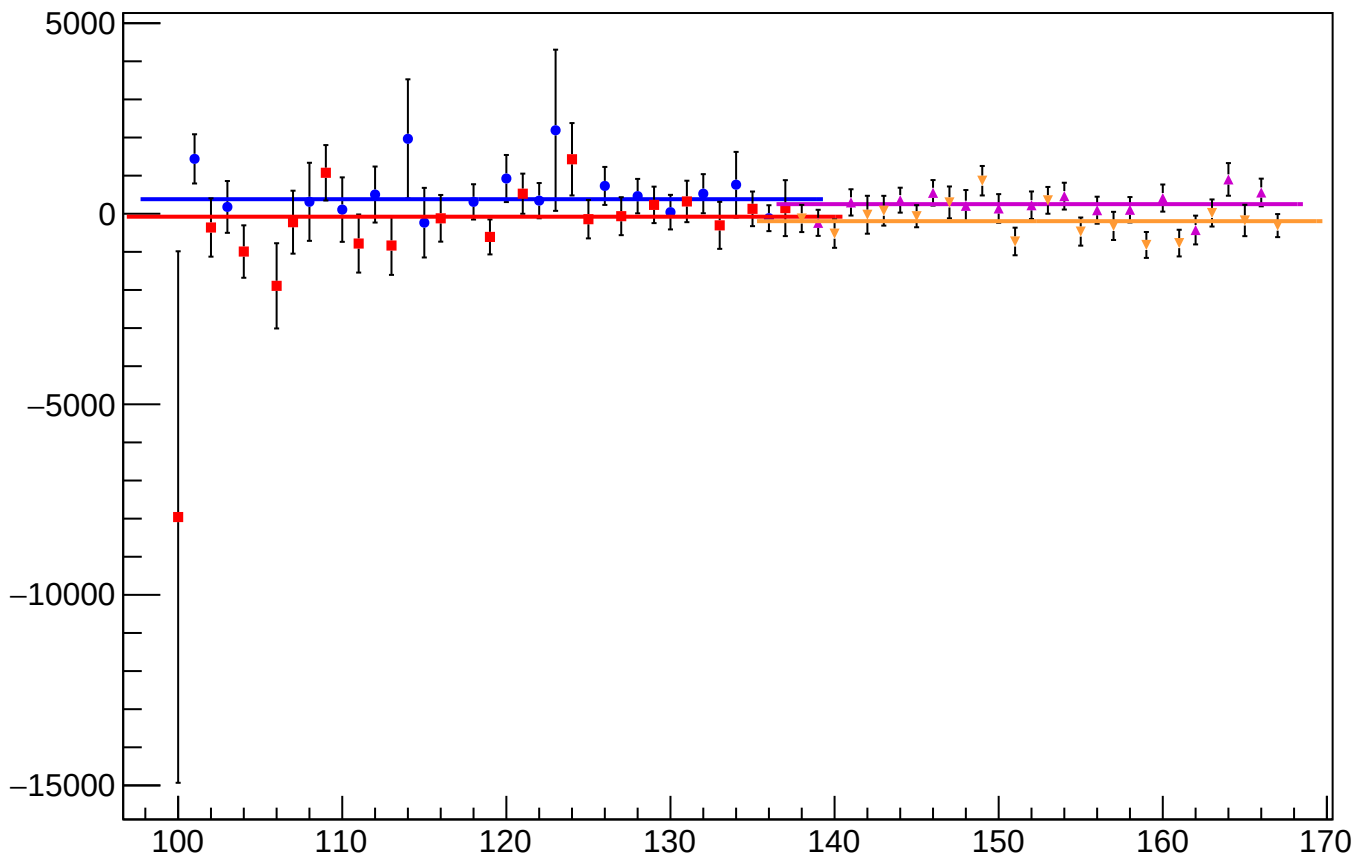
Left In: 335.654+/-0.073 χ^2/NDF : 564201.9/13

+ sign 362.571+/-0.062 χ^2/NDF : 2815632.9/32

All: 363.046+/-0.044 χ^2/NDF : 6033430.0/65

- sign 363.548+/-0.064 χ^2/NDF : 3217675.6/32

dit_asym_sam2_mean vs Slug



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

Left Out: -194.596 ± 90.538 χ^2/NDF : 22.4/15

Right Out: -77.490 ± 143.469 χ^2/NDF : 16.8/18

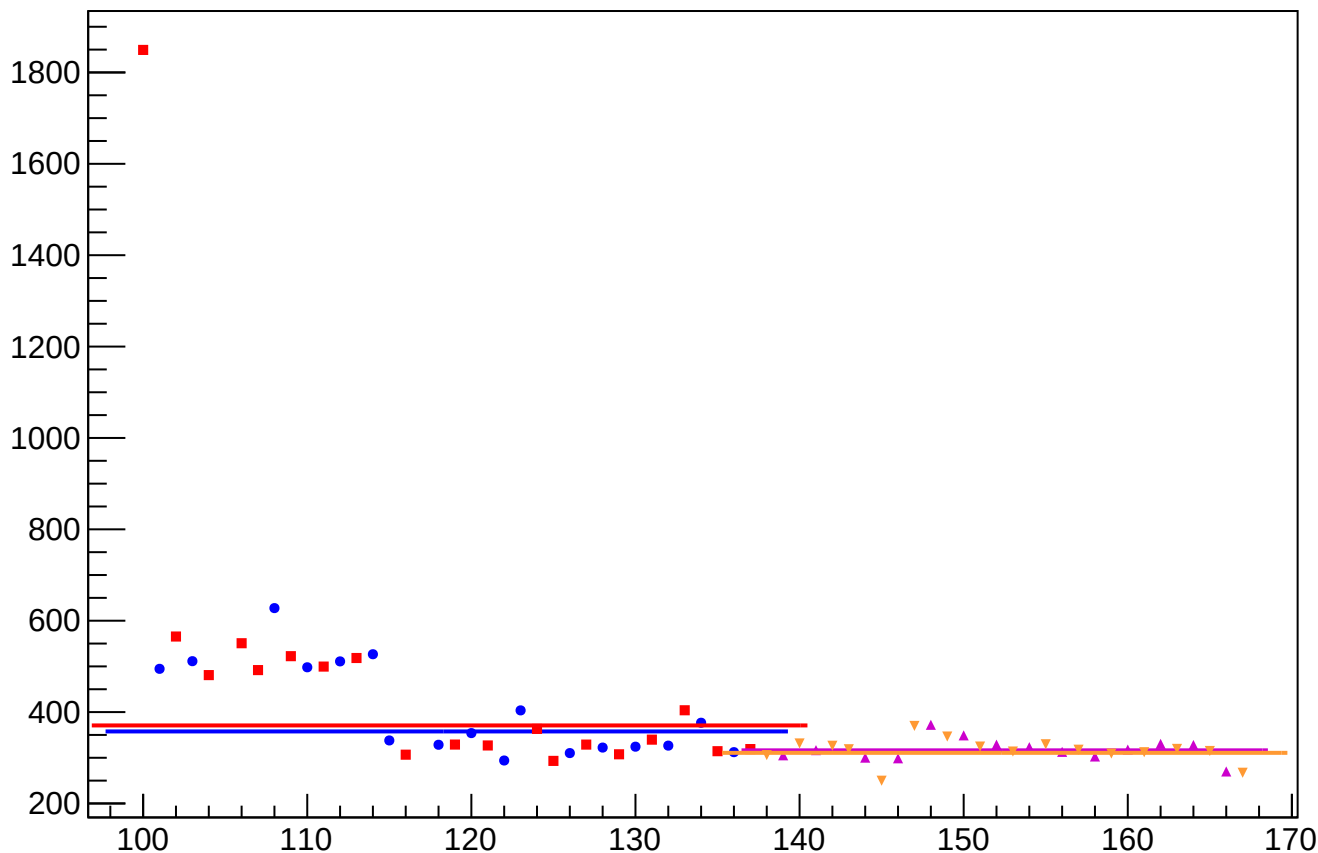
Left In: 252.106 ± 95.868 χ^2/NDF : 10.3/13

+ sign -26.620 ± 76.215 χ^2/NDF : 43.6/32

All: 57.908 ± 55.086 χ^2/NDF : 76.9/65

- sign 150.366 ± 79.710 χ^2/NDF : 30.7/32

dit_asym_sam2_rms vs Slug



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

Left Out: 310.818 $\pm$ 0.064 χ^2 /NDF: 206601.4/15

Right Out: 370.794 $\pm$ 0.101 χ^2 /NDF: 784786.3/18

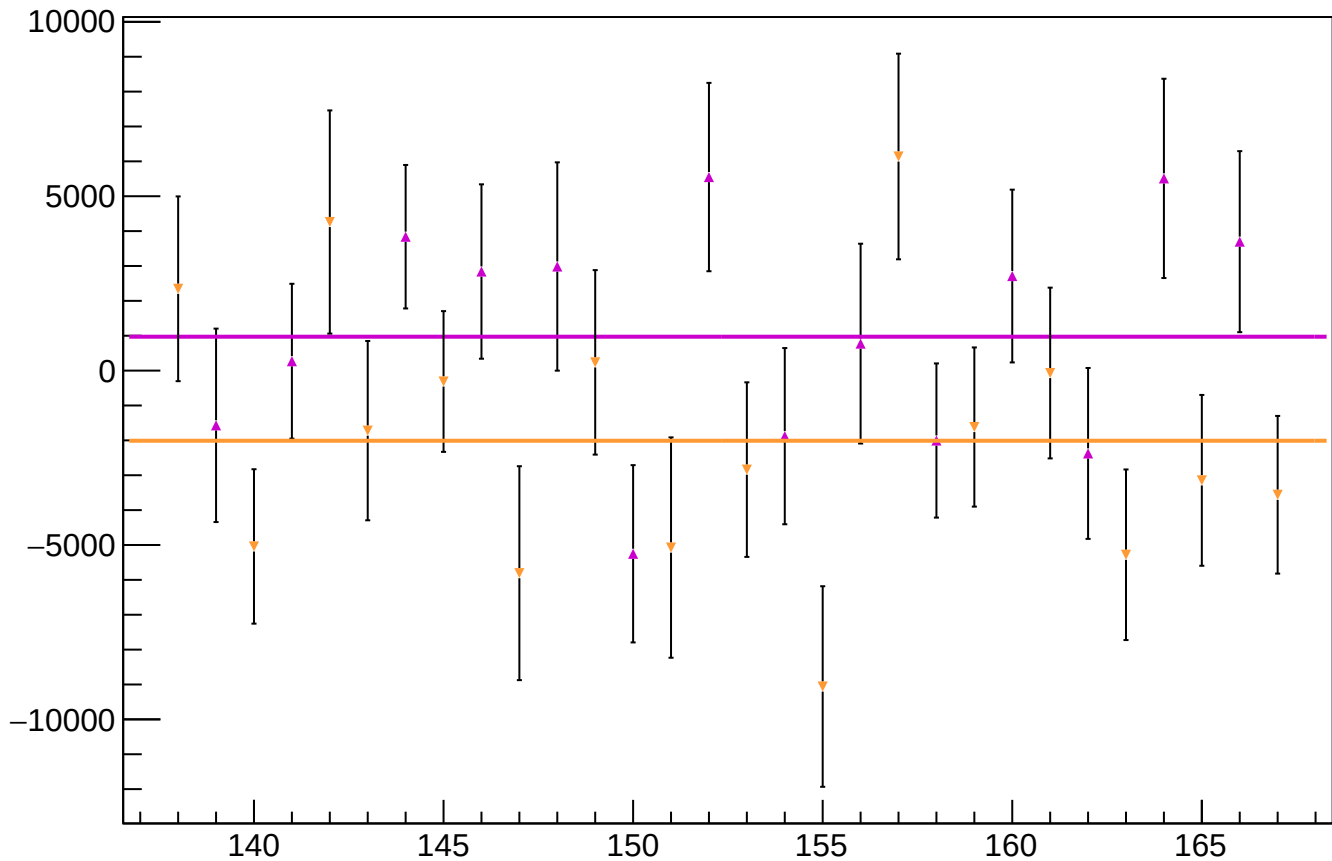
Left In: 316.258 $\pm$ 0.068 χ^2 /NDF: 107409.0/13

+ sign 324.468 $\pm$ 0.054 χ^2 /NDF: 992287.2/32

All: 328.587 $\pm$ 0.039 χ^2 /NDF: 2096493.1/65

- sign 333.092 $\pm$ 0.056 χ^2 /NDF: 1091975.2/32

asym_sam2_correction_mean vs Slug



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

Left Out: -2010.810+/-635.686 χ^2/NDF : 29.2/15

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

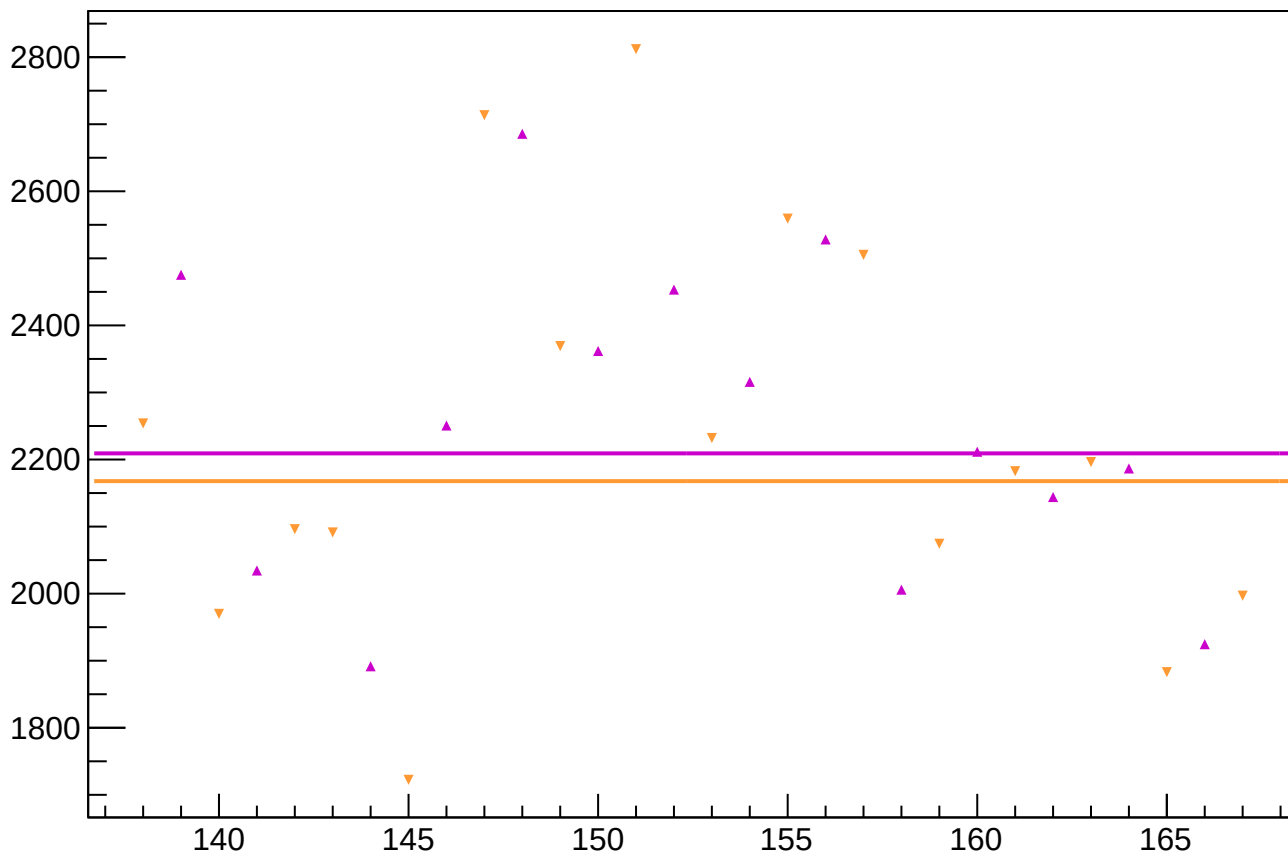
Left In: 972.088+/-671.602 χ^2/NDF : 21.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.251+/-461.673 χ^2/NDF : 61.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_correction_rms vs Slug



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

Left Out: 2167.798+/-0.449 χ^2/NDF : 383118.3/15

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

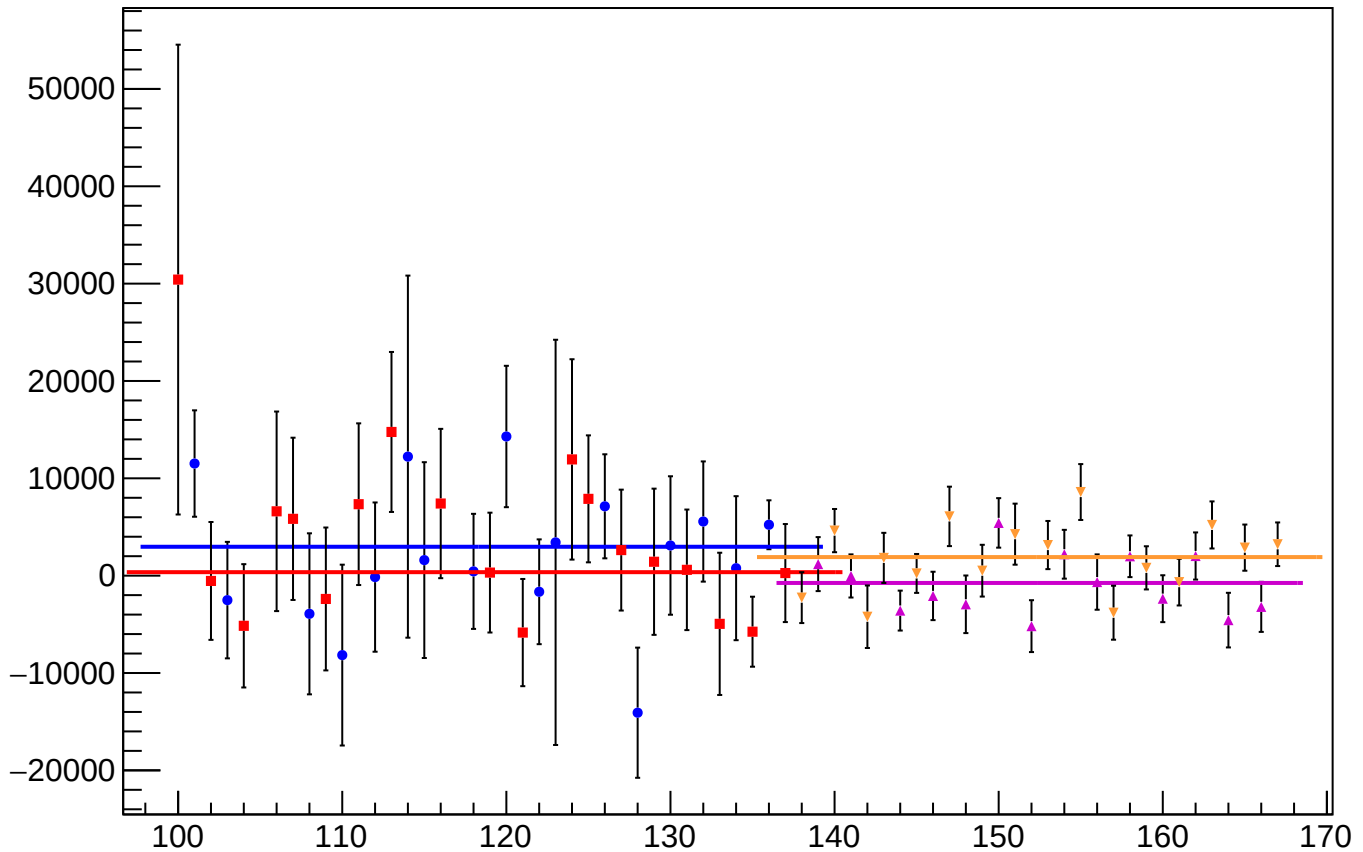
Left In: 2209.169+/-0.475 χ^2/NDF : 224365.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2187.347+/-0.326 χ^2/NDF : 611487.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



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

Left Out: 1908.679 $\pm$ 627.638 χ^2 /NDF: 24.8/15

Right Out: 358.685 $\pm$ 1507.064 χ^2 /NDF: 15.3/18

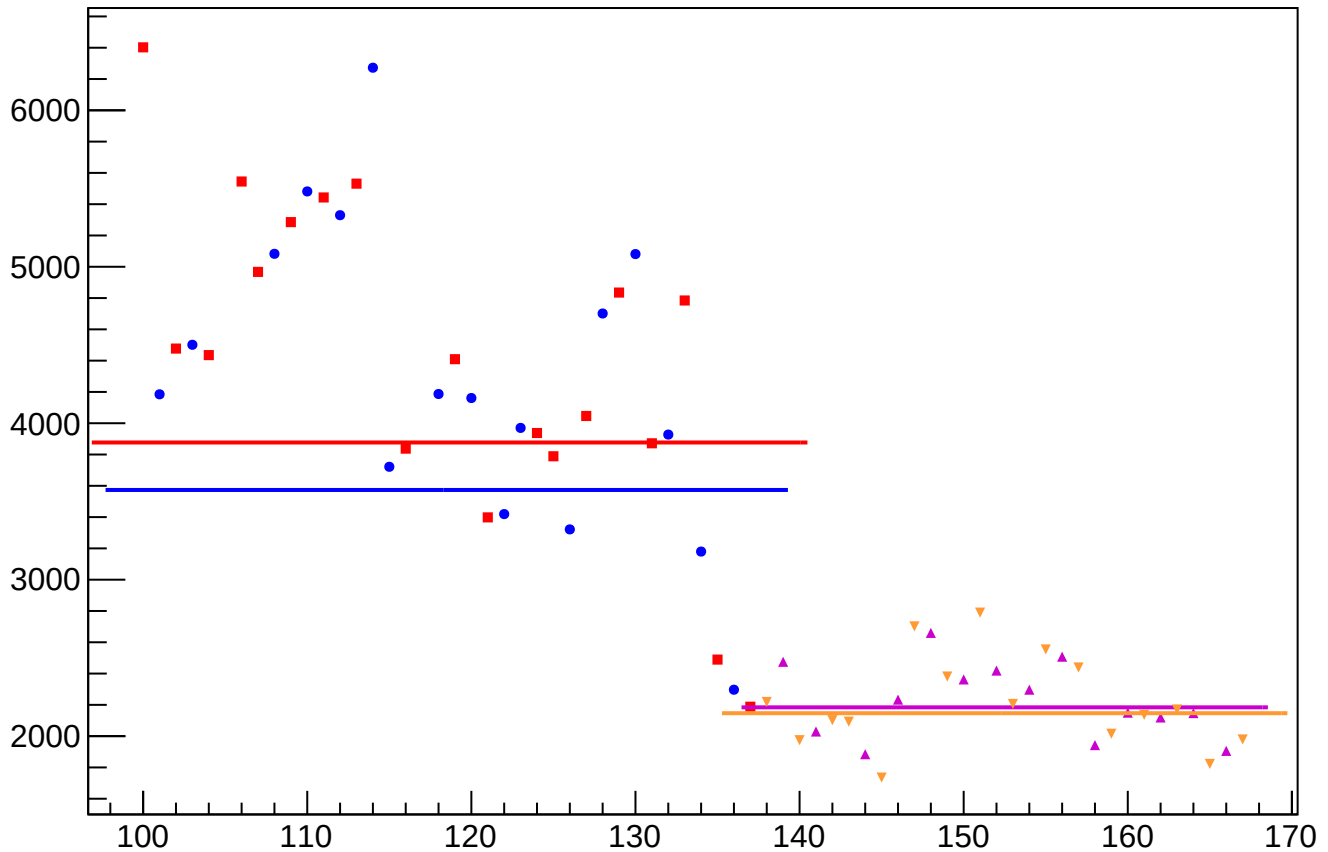
Left In: -748.852 $\pm$ 664.413 χ^2 /NDF: 19.5/13

+ sign 2077.877 $\pm$ 575.392 χ^2 /NDF: 42.6/32

All: 827.396 $\pm$ 417.901 χ^2 /NDF: 88.0/65

- sign -568.618 $\pm$ 607.953 χ^2 /NDF: 35.3/32

asym_sam2_rms vs Slug



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

Left Out: 2146.635+/-0.444 χ^2/NDF : 384822.1/15

Right Out: 3876.914+/-1.066 χ^2/NDF : 988409.8/18

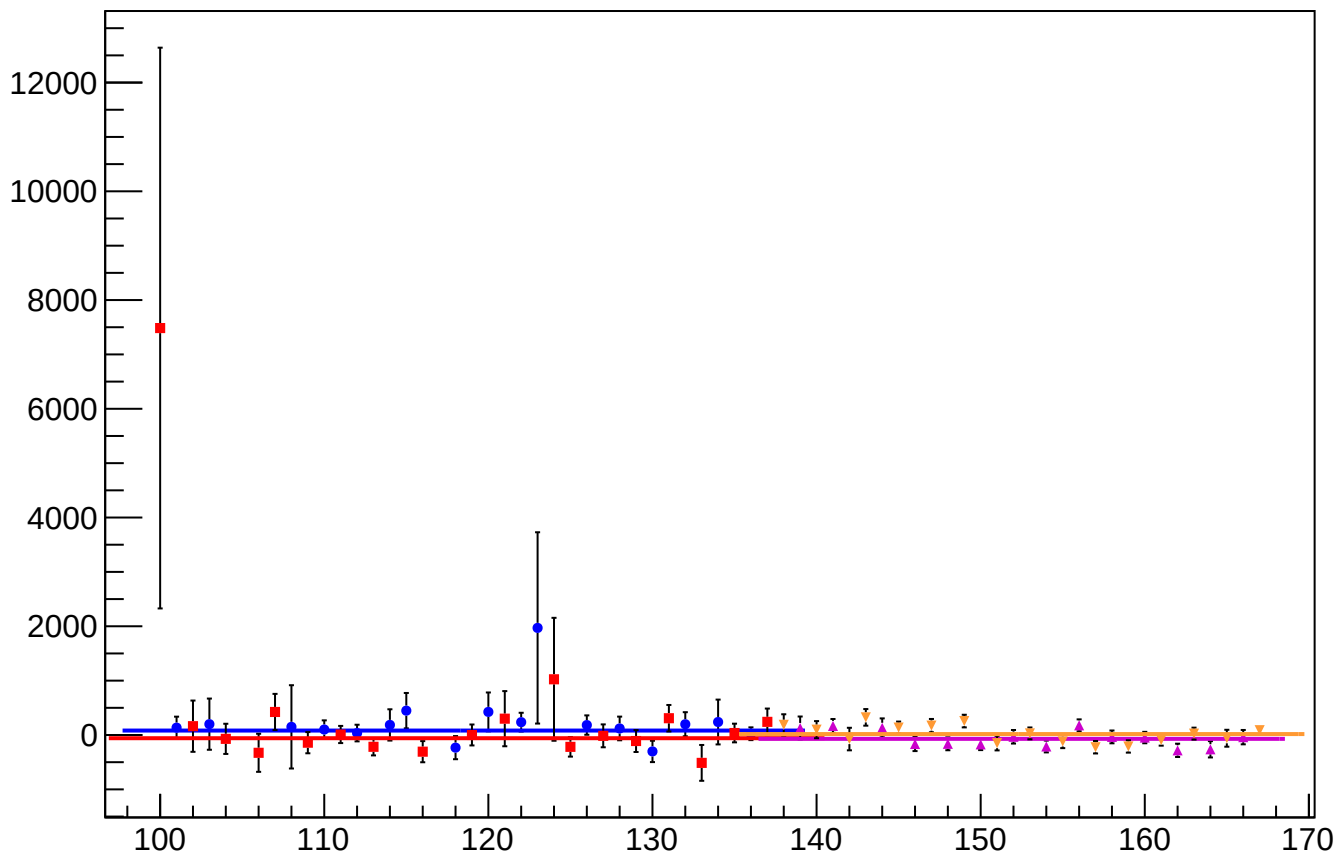
Left In: 2184.107+/-0.470 χ^2/NDF : 233316.4/13

+ sign 2374.292+/-0.407 χ^2/NDF : 3122730.1/32

All: 2414.593+/-0.296 χ^2/NDF : 6477955.2/65

- sign 2459.583+/-0.430 χ^2/NDF : 3334460.9/32

dit_asym_sam3_mean vs Slug



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

Left Out: 17.263+/-30.706 χ^2/NDF : 25.6/15

Right Out: -59.008+/-53.165 χ^2/NDF : 16.4/18

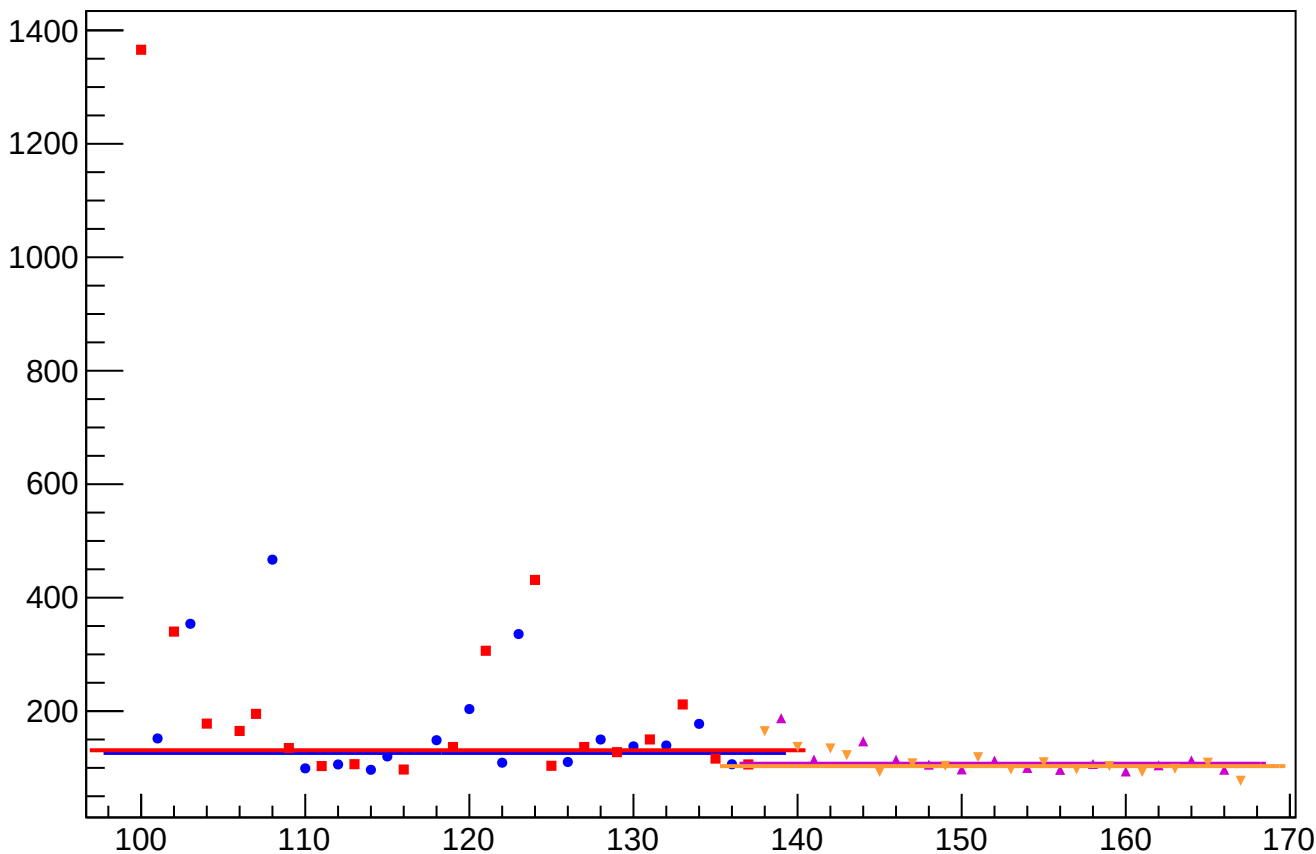
Left In: -70.810+/-33.330 χ^2/NDF : 19.5/13

+ sign 34.006+/-26.428 χ^2/NDF : 38.2/32

All: -13.379+/-19.296 χ^2/NDF : 81.1/65

- sign -67.481+/-28.239 χ^2/NDF : 36.0/32

dit_asym_sam3_rms vs Slug



Right In: 126.339 $\pm$ 0.037 χ^2 /NDF: 1310585.0/16

Left Out: 103.074 $\pm$ 0.022 χ^2 /NDF: 633730.1/15

Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

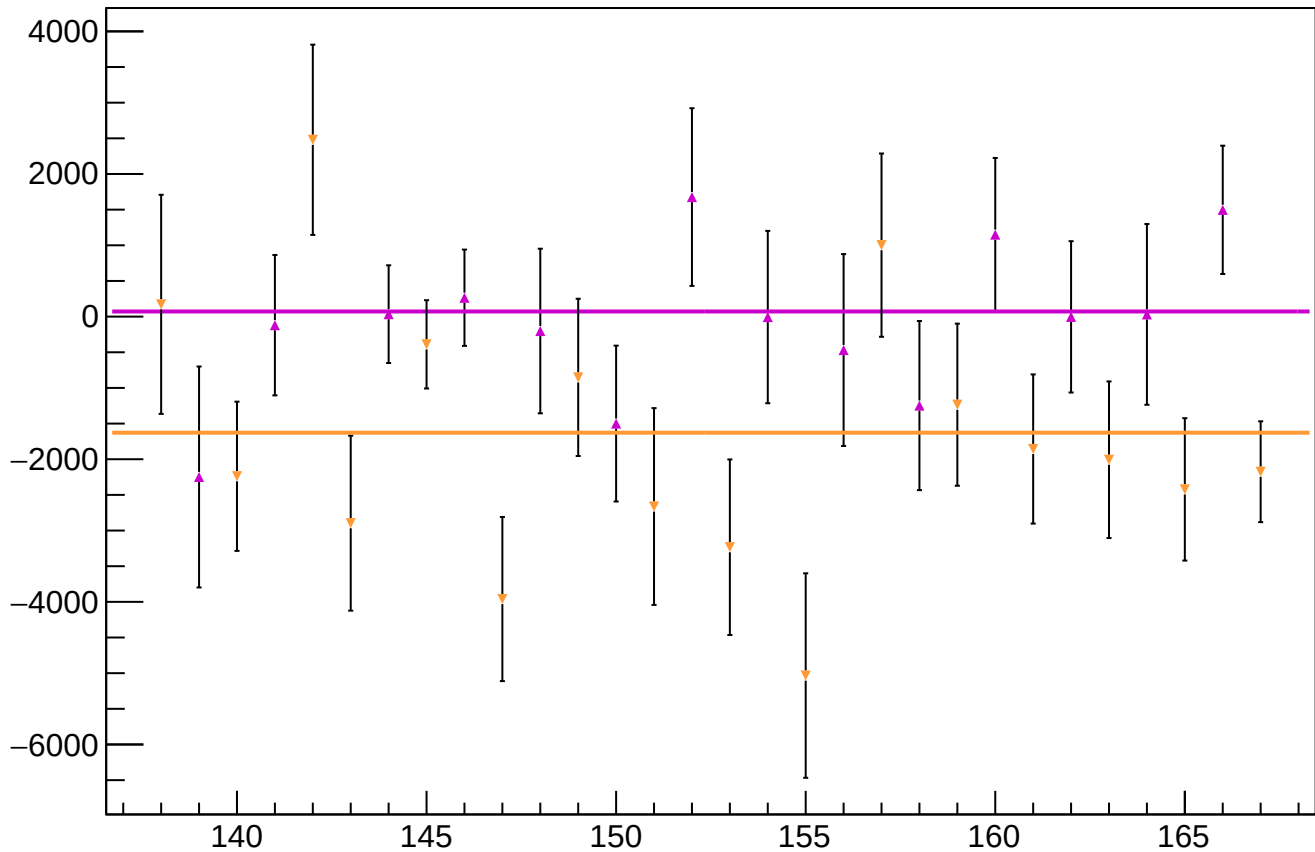
Left In: 107.317 $\pm$ 0.024 χ^2 /NDF: 504966.9/13

+ sign 109.105 $\pm$ 0.019 χ^2 /NDF: 2241946.5/32

All: 111.391 $\pm$ 0.014 χ^2 /NDF: 4493292.0/65

- sign 114.001 $\pm$ 0.020 χ^2 /NDF: 2219302.2/32

asym_sam3_correction_mean vs Slug



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

Left Out: -1627.784+/-262.185 χ^2/NDF :34.5/15

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

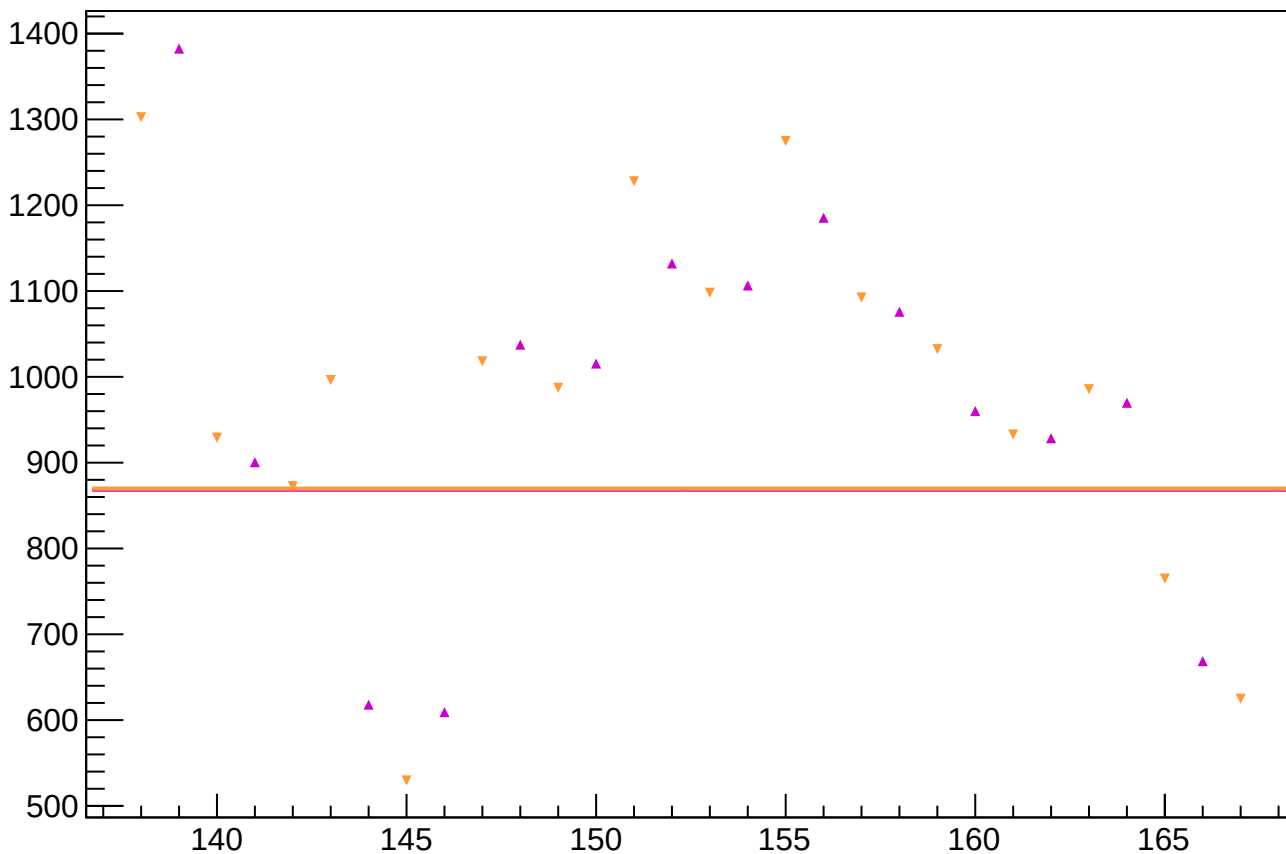
Left In: 72.011+/-271.499 χ^2/NDF :11.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -807.544+/-188.600 χ^2/NDF : 65.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug



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

Left Out: 869.769+/-0.185 χ^2/NDF :1601281.1/15

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

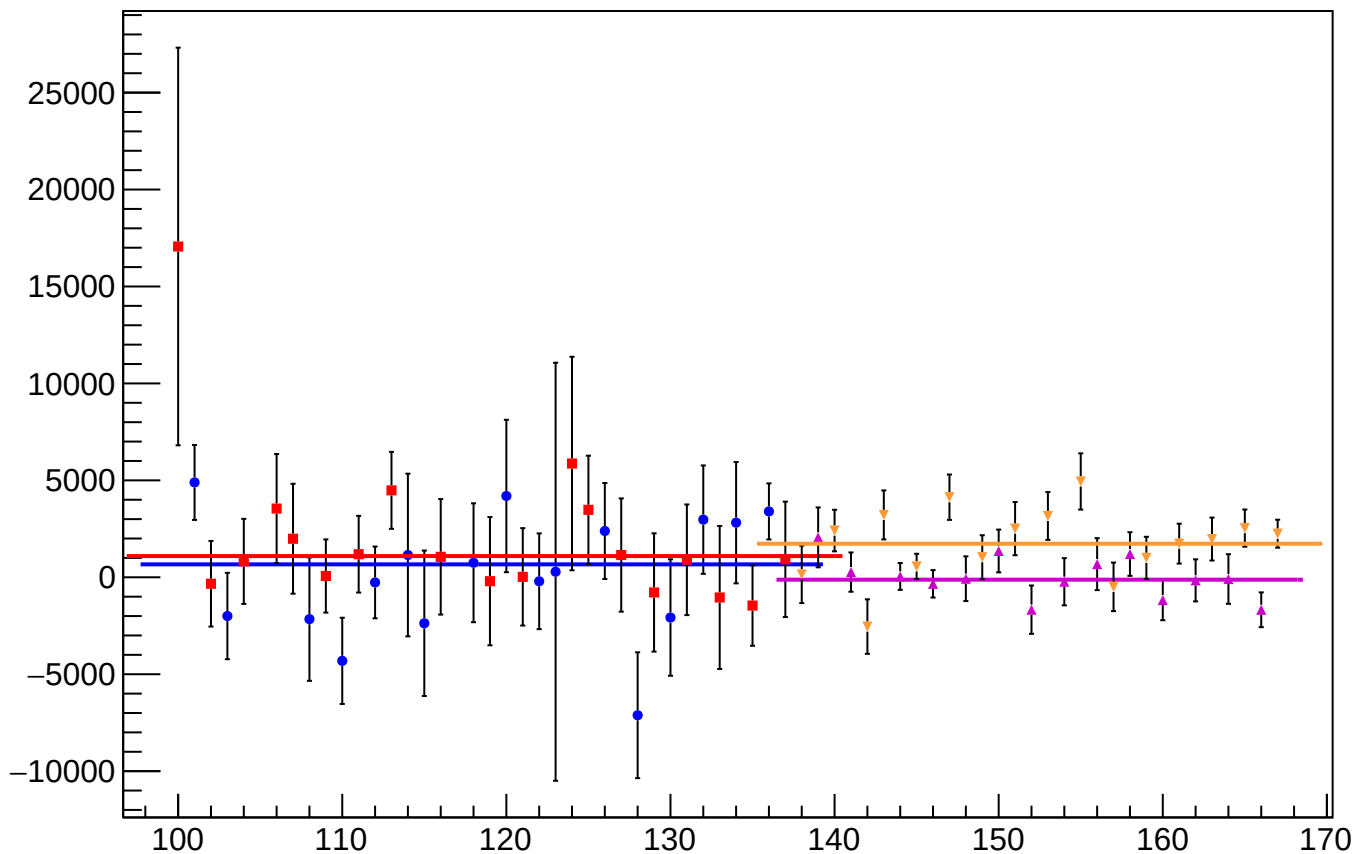
Left In: 868.449+/-0.192 χ^2/NDF :1335279.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.132+/-0.133 χ^2/NDF : 2936585.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



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

Left Out: 1731.449 ± 264.865 χ^2/NDF : 31.4/15

Right Out: 1094.278 ± 602.639 χ^2/NDF : 11.0/18

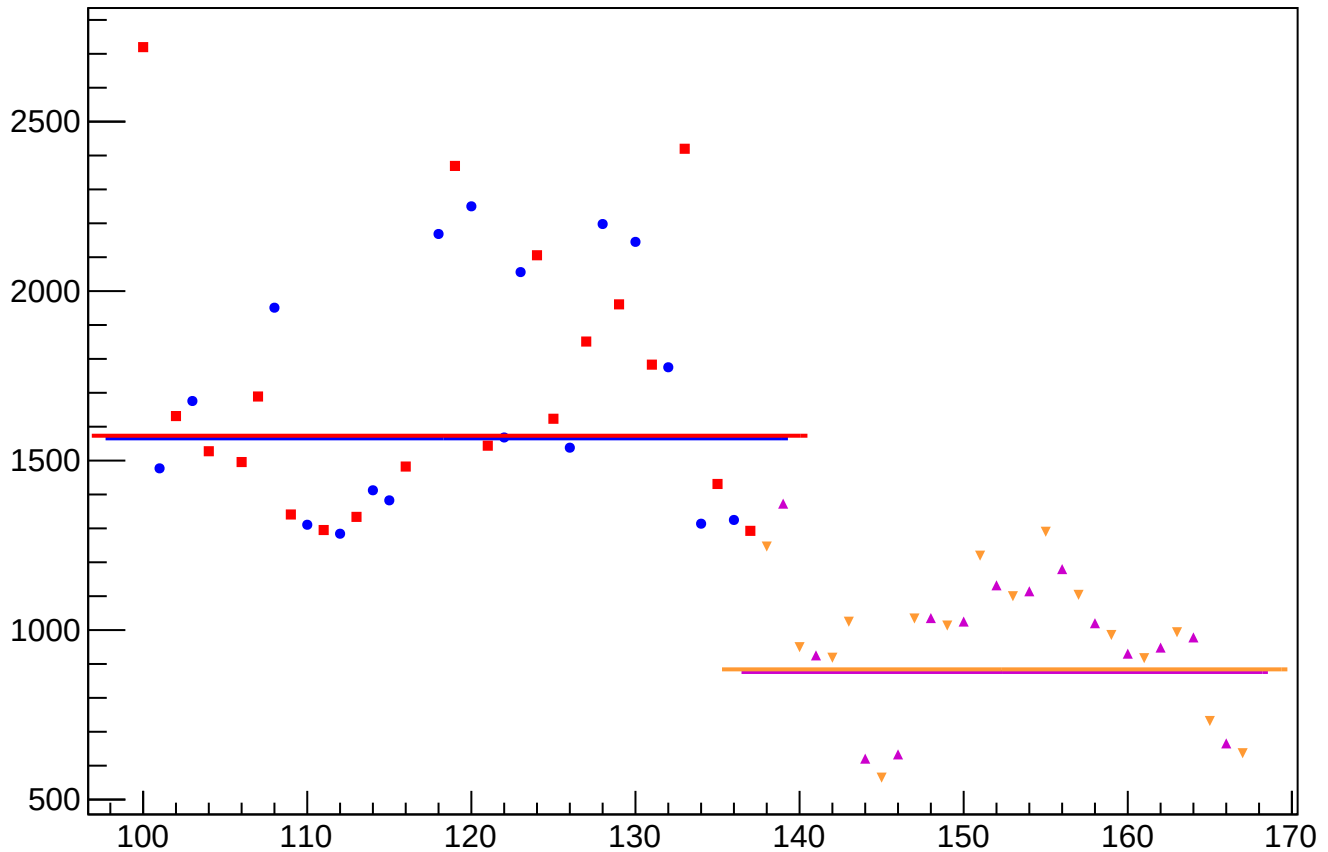
Left In: -123.585 ± 273.925 χ^2/NDF : 11.4/13

+ sign 1566.561 ± 243.500 χ^2/NDF : 59.6/32

All: 843.406 ± 174.219 χ^2/NDF : 103.4/65

- sign 84.950 ± 249.372 χ^2/NDF : 25.8/32

asym_sam3_rms vs Slug



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

Left Out: 884.099 $\pm$ 0.187 χ^2 /NDF: 1418817.3/15

Right Out: 1573.366 $\pm$ 0.426 χ^2 /NDF: 462040.3/18

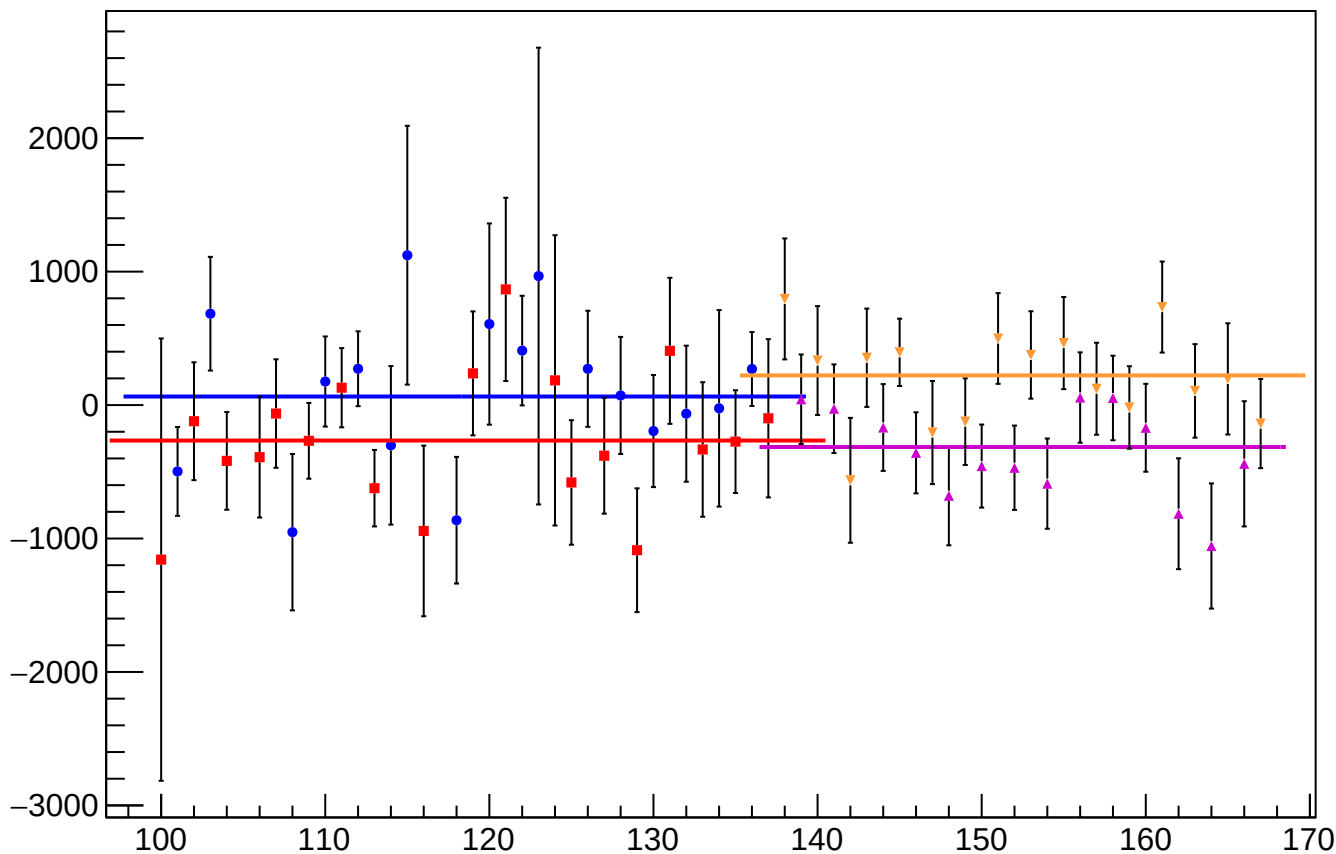
Left In: 876.417 $\pm$ 0.194 χ^2 /NDF: 1226731.0/13

+ sign 989.616 $\pm$ 0.172 χ^2 /NDF: 3959745.4/32

All: 992.613 $\pm$ 0.123 χ^2 /NDF: 7866059.2/65

- sign 995.756 $\pm$ 0.176 χ^2 /NDF: 3905693.2/32

dit_asym_sam4_mean vs Slug



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

Left Out: 222.265 ± 87.246 χ^2/NDF : 13.1/15

Right Out: -265.661 ± 99.379 χ^2/NDF : 14.7/18

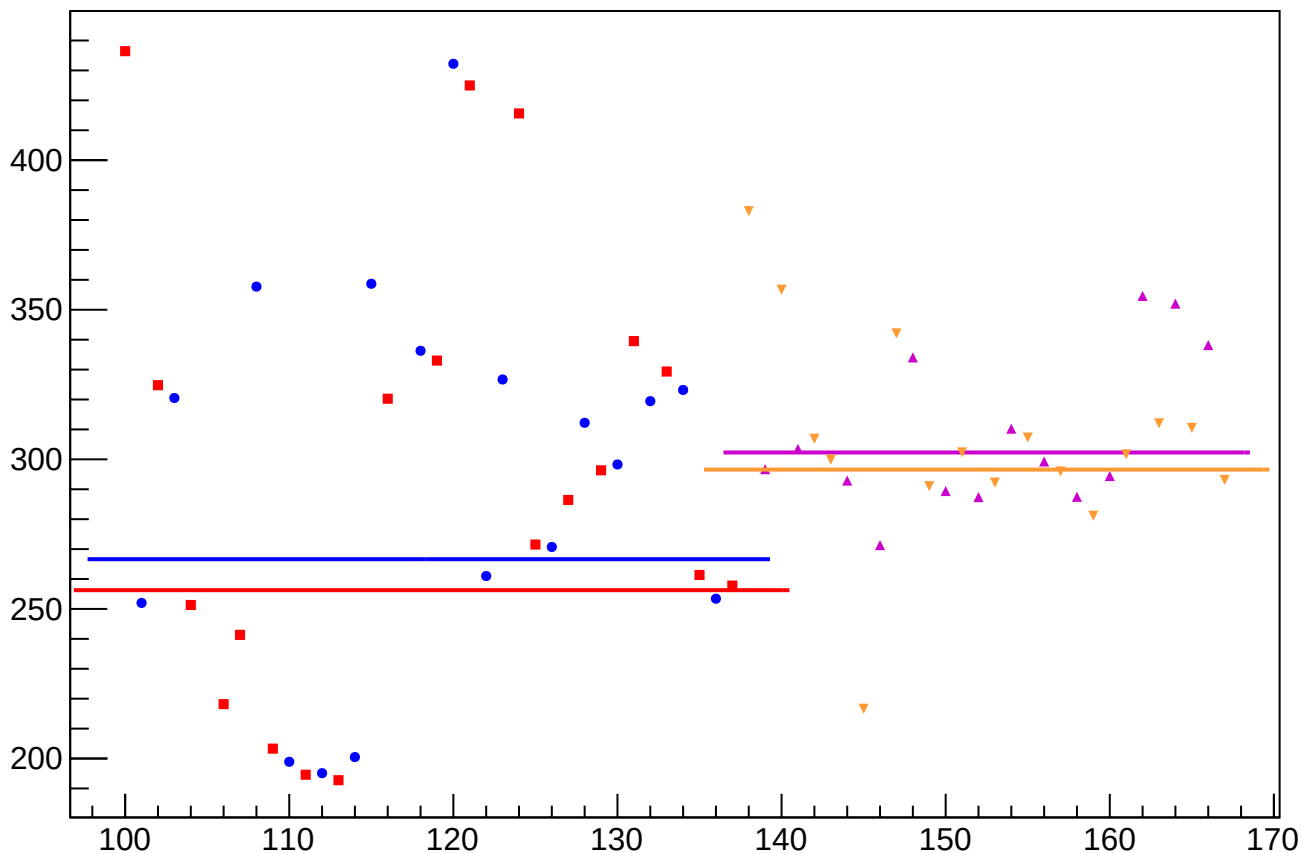
Left In: -314.279 ± 92.306 χ^2/NDF : 10.9/13

+ sign 157.905 ± 67.191 χ^2/NDF : 31.1/32

All: -65.457 ± 47.667 χ^2/NDF : 79.1/65

- sign -291.762 ± 67.633 χ^2/NDF : 25.8/32

dit_asym_sam4_rms vs Slug



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

Left Out: 296.575 $\pm$ 0.062 χ^2 /NDF: 361131.6/15

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

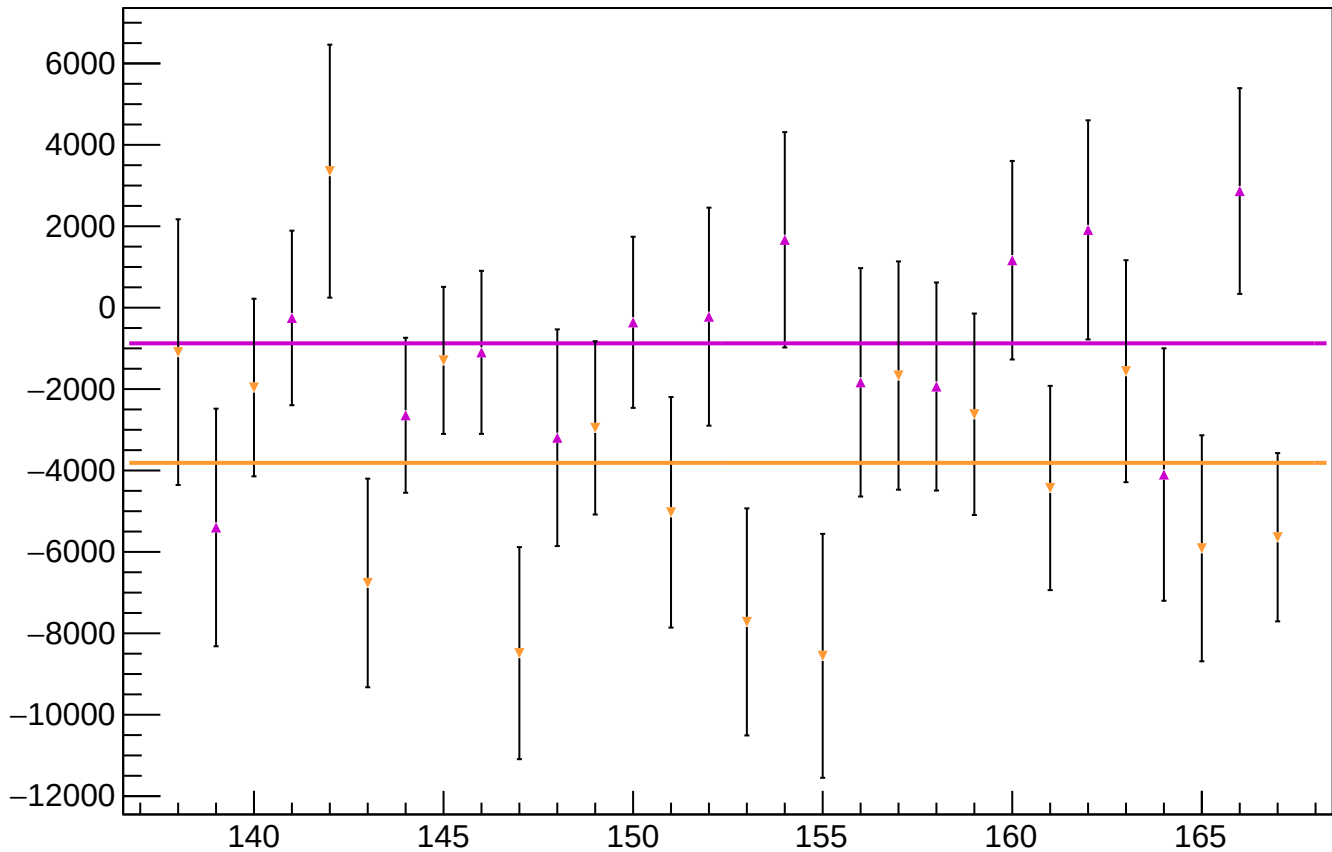
Left In: 302.300 $\pm$ 0.065 χ^2 /NDF: 118288.0/13

+ sign 284.389 $\pm$ 0.048 χ^2 /NDF: 1007785.0/32

All: 282.696 $\pm$ 0.034 χ^2 /NDF: 2055882.1/65

- sign 280.980 $\pm$ 0.048 χ^2 /NDF: 1045541.1/32

asym_sam4_correction_mean vs Slug



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

Left Out: -3812.139+/-626.637 χ^2/NDF : 20.9/15

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

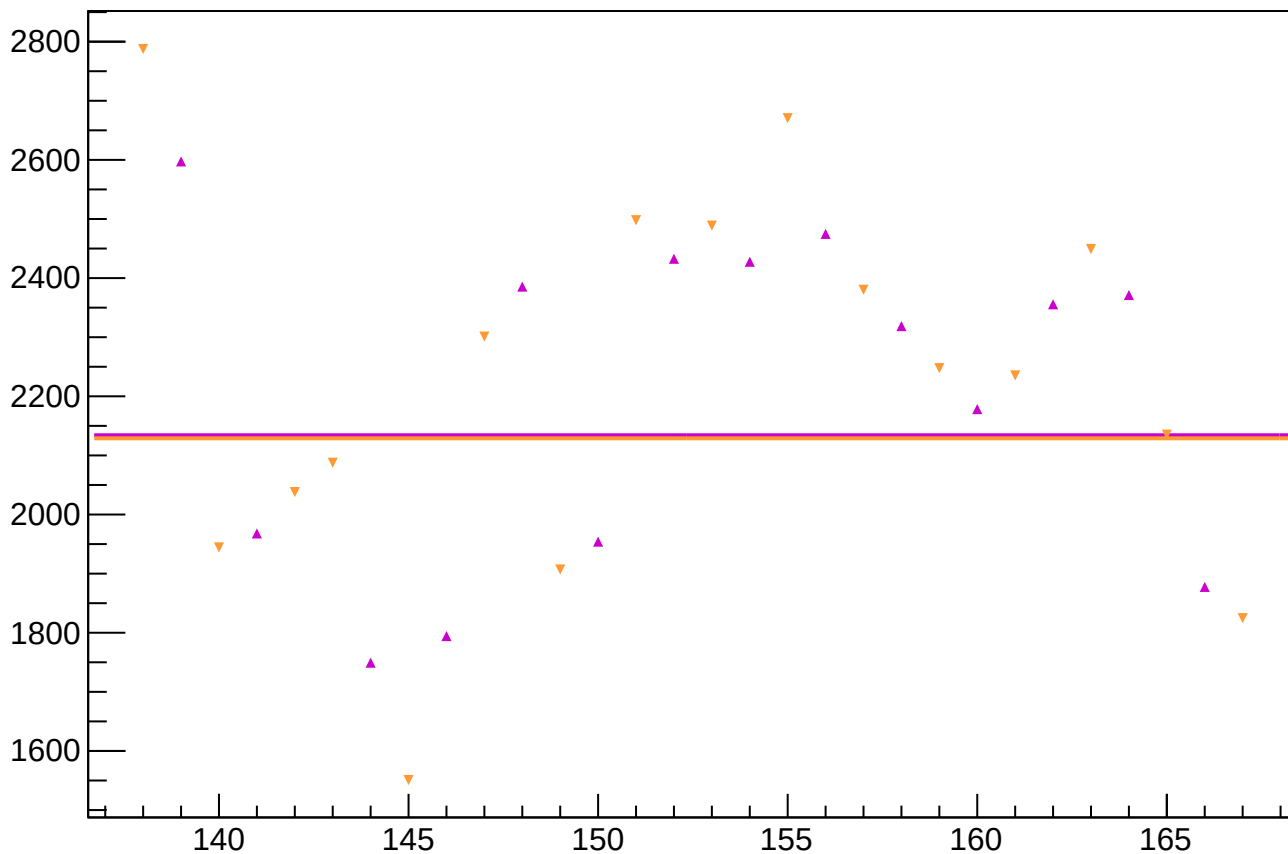
Left In: -875.751+/-651.402 χ^2/NDF : 10.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2400.824+/-451.601 χ^2/NDF : 42.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_correction_rms vs Slug



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

Left Out: 2128.941+/-0.443 χ^2/NDF : 561146.7/15

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

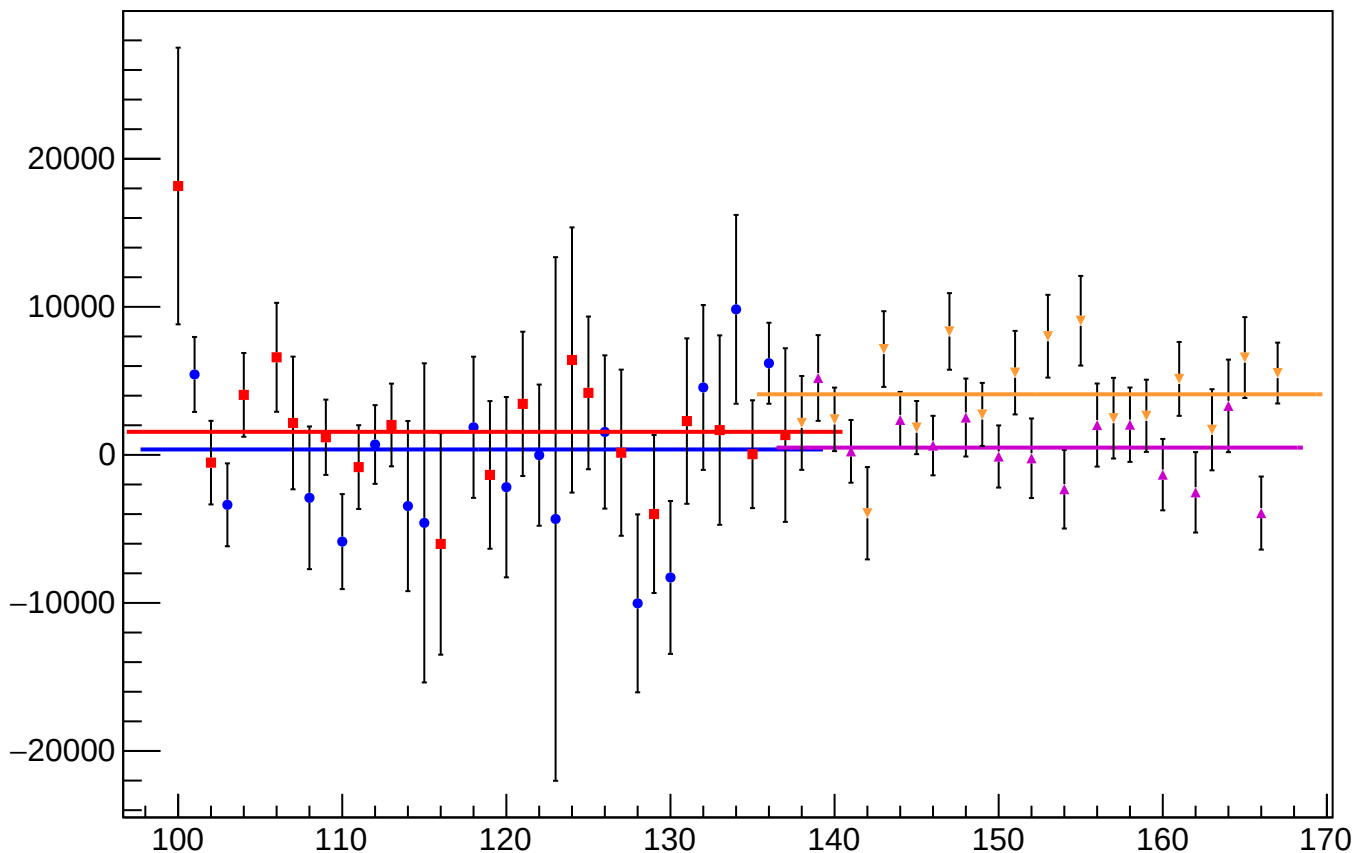
Left In: 2134.082+/-0.461 χ^2/NDF : 370117.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2131.412+/-0.319 χ^2/NDF : 931329.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_mean vs Slug



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

Left Out: 4093.588 ± 622.414 χ^2/NDF : 21.6/15

Right Out: 1557.388 ± 924.003 χ^2/NDF : 10.5/18

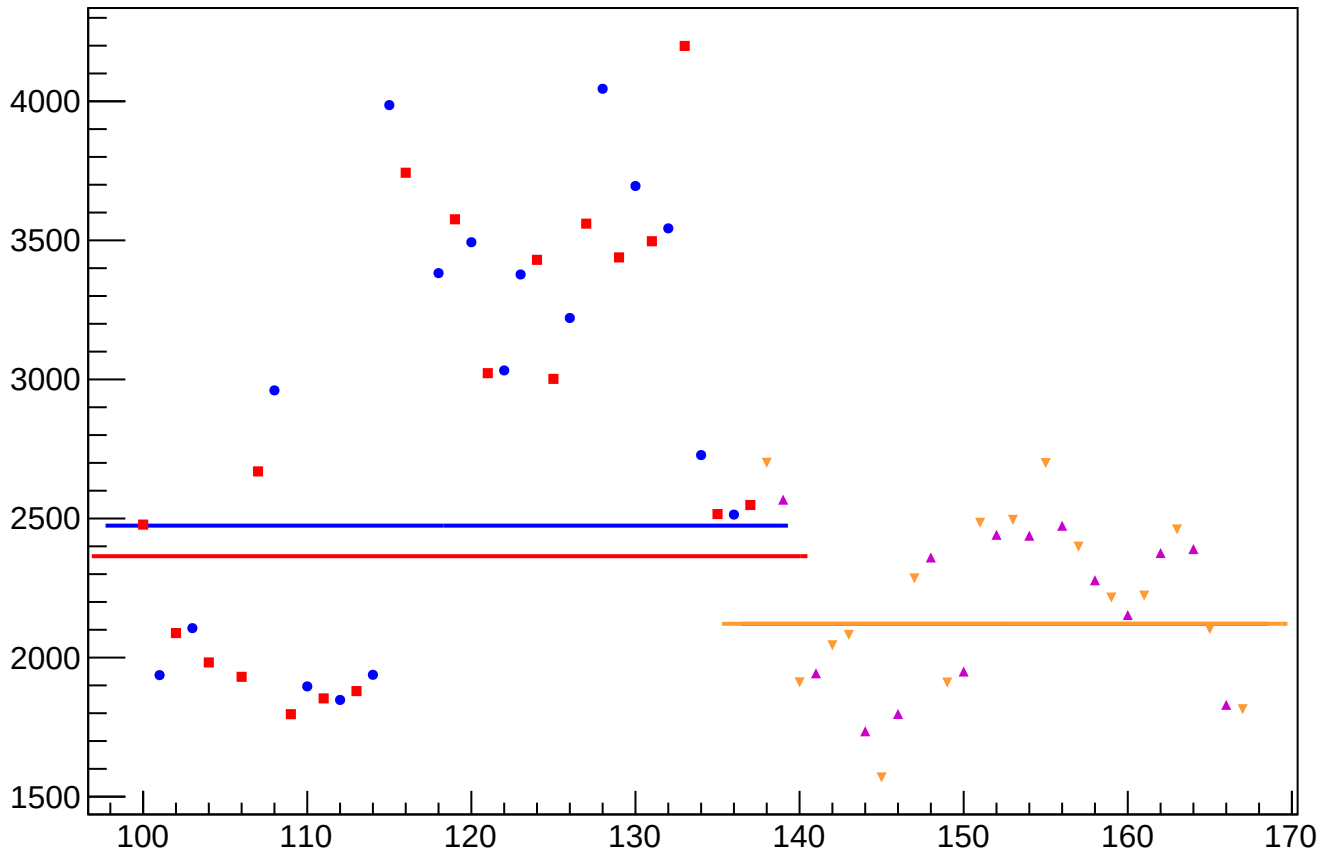
Left In: 490.238 ± 648.276 χ^2/NDF : 12.0/13

+ sign 3041.510 ± 527.301 χ^2/NDF : 55.9/32

All: 1948.927 ± 374.050 χ^2/NDF : 88.0/65

- sign 842.253 ± 530.690 χ^2/NDF : 23.4/32

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2121.512+/-0.440 χ^2/NDF : 548652.7/15

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

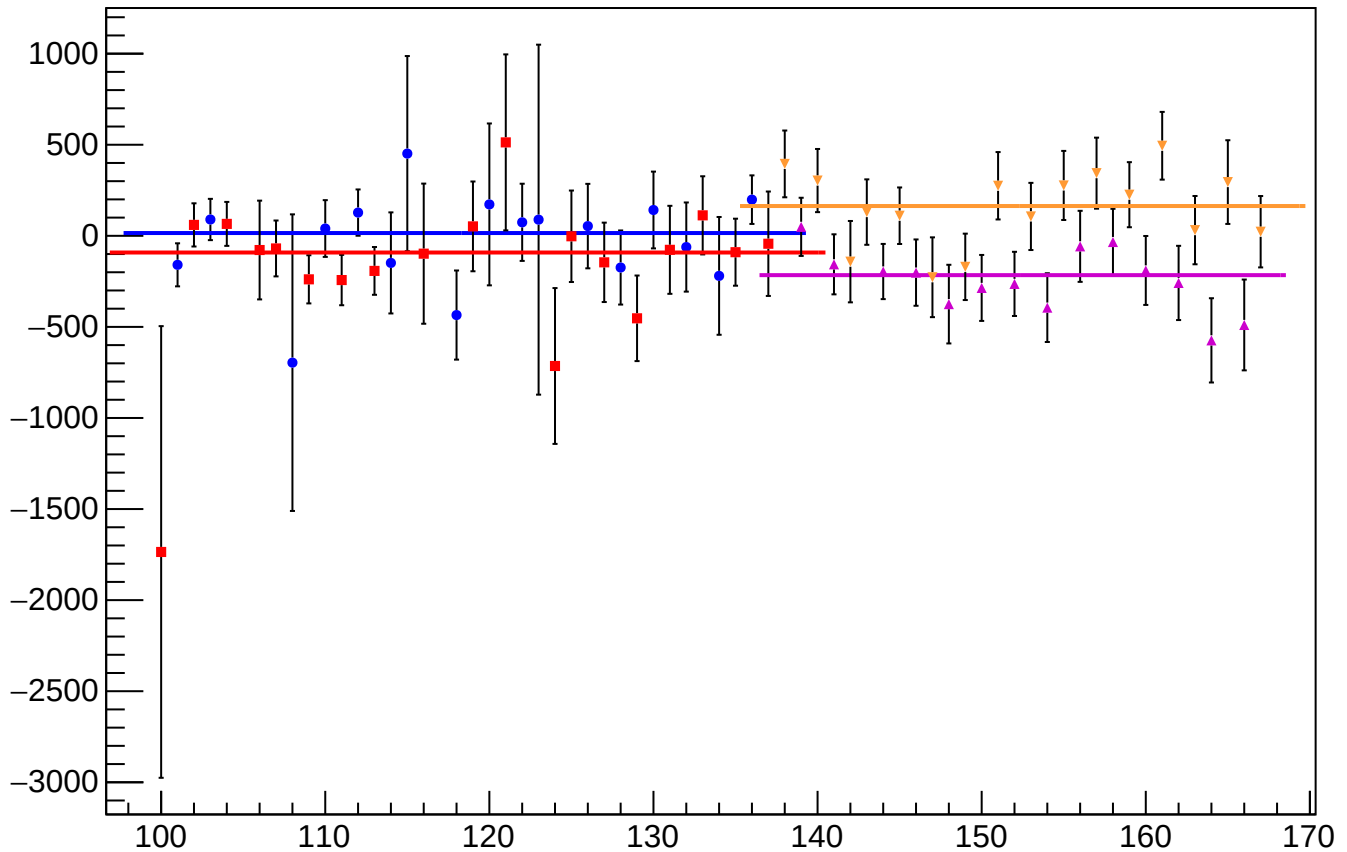
Left In: 2121.279+/-0.458 χ^2/NDF : 383356.6/13

+ sign 2221.121+/-0.373 χ^2/NDF : 1636378.3/32

All: 2211.379+/-0.264 χ^2/NDF : 3137381.7/65

- sign 2201.511+/-0.375 χ^2/NDF : 1499629.3/32

dit_asym_sam5_mean vs Slug



Right In: 15.303 ± 46.443 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 163.551 ± 46.983 $\chi^2/\text{NDF}: 17.1/15$

Right Out: -91.634 ± 43.318 $\chi^2/\text{NDF}: 15.7/18$

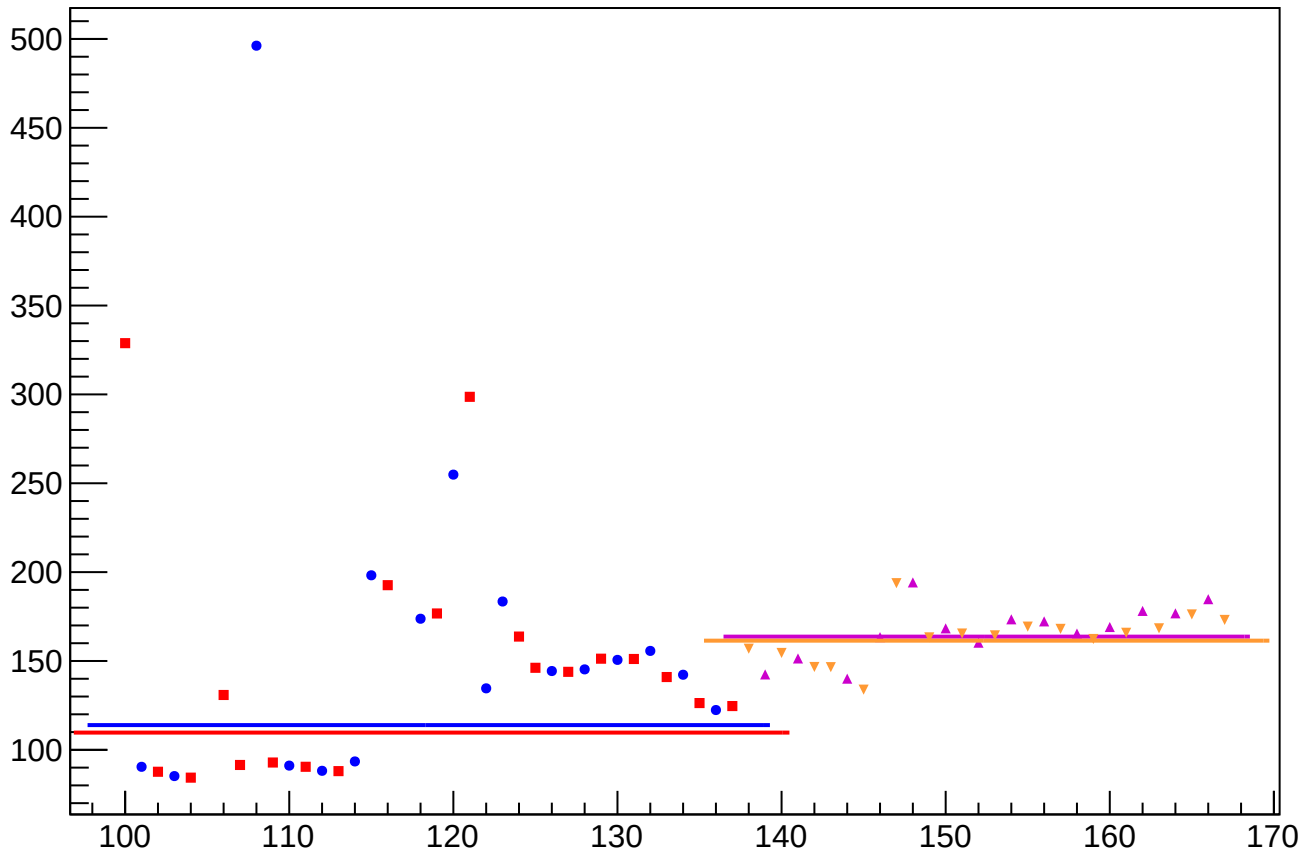
Left In: -215.874 ± 49.674 $\chi^2/\text{NDF}: 9.9/13$

+ sign 88.571 ± 33.029 $\chi^2/\text{NDF}: 34.7/32$

All: -29.723 ± 23.219 $\chi^2/\text{NDF}: 89.2/65$

- sign -145.301 ± 32.648 $\chi^2/\text{NDF}: 29.1/32$

dit_asym_sam5_rms vs Slug



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 161.439 $\pm$ 0.033 χ^2 /NDF: 160448.9/15

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

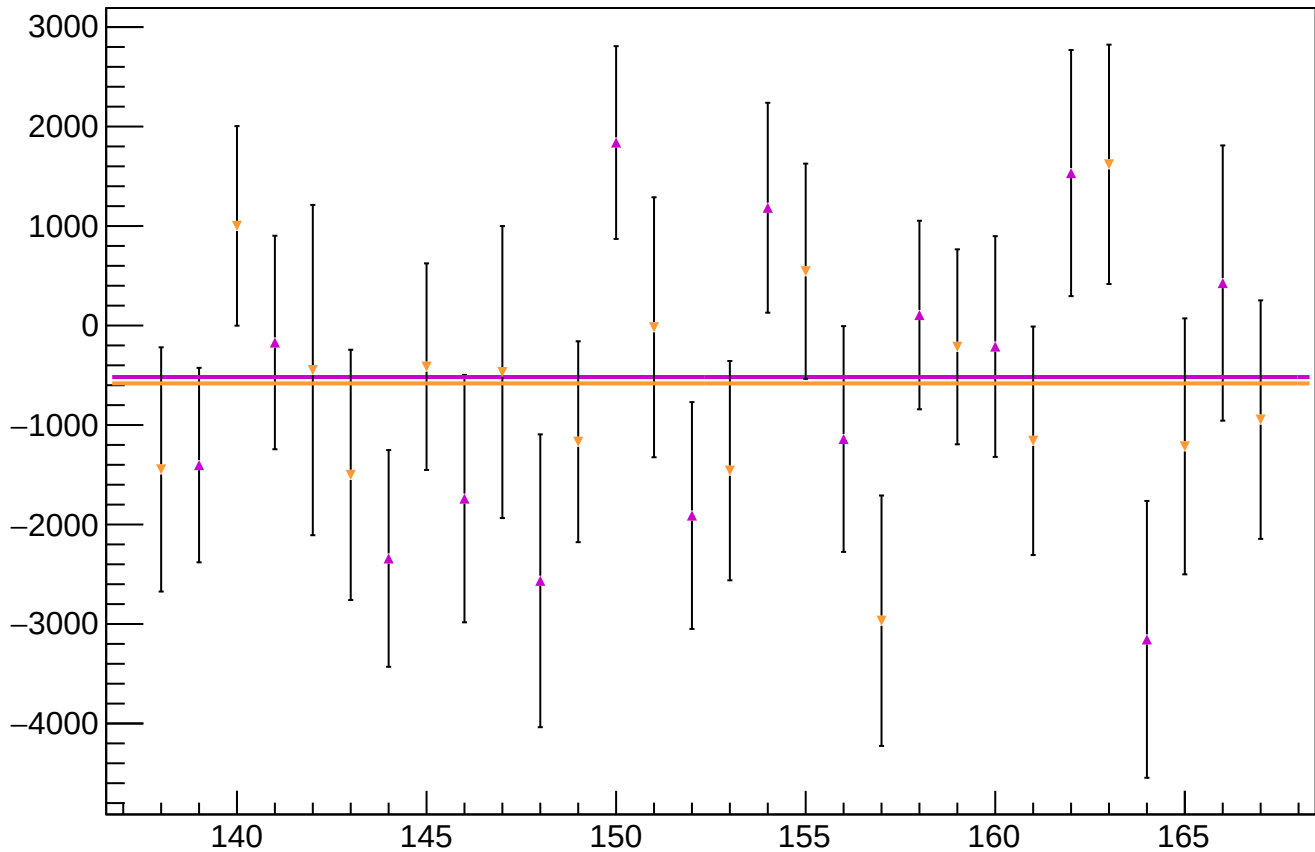
Left In: 163.701 $\pm$ 0.035 χ^2 /NDF: 179132.0/13

+ sign 137.411 $\pm$ 0.023 χ^2 /NDF: 2602548.4/32

All: 135.196 $\pm$ 0.016 χ^2 /NDF: 5383607.3/65

- sign 133.032 $\pm$ 0.023 χ^2 /NDF: 2763277.3/32

asym_sam5_correction_mean vs Slug



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

Left Out: -581.772 $\pm$ 292.209 χ^2 /NDF:13.5/15

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

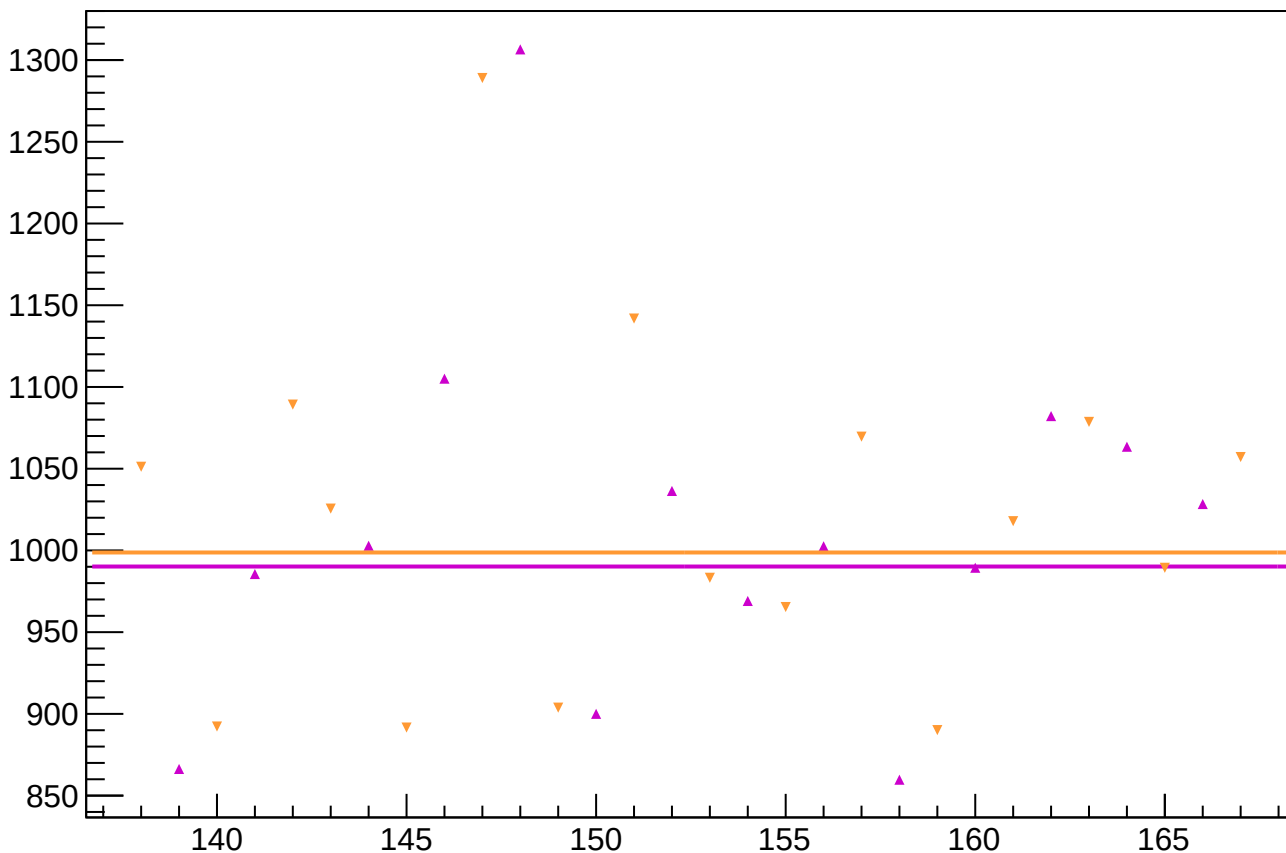
Left In: -517.530 $\pm$ 301.572 χ^2 /NDF:24.3/13

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

All: -550.664 $\pm$ 209.855 χ^2 /NDF: 37.8/29

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

asym_sam5_correction_rms vs Slug



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

Left Out: 998.741+/-0.207 χ^2/NDF :221708.0/15

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

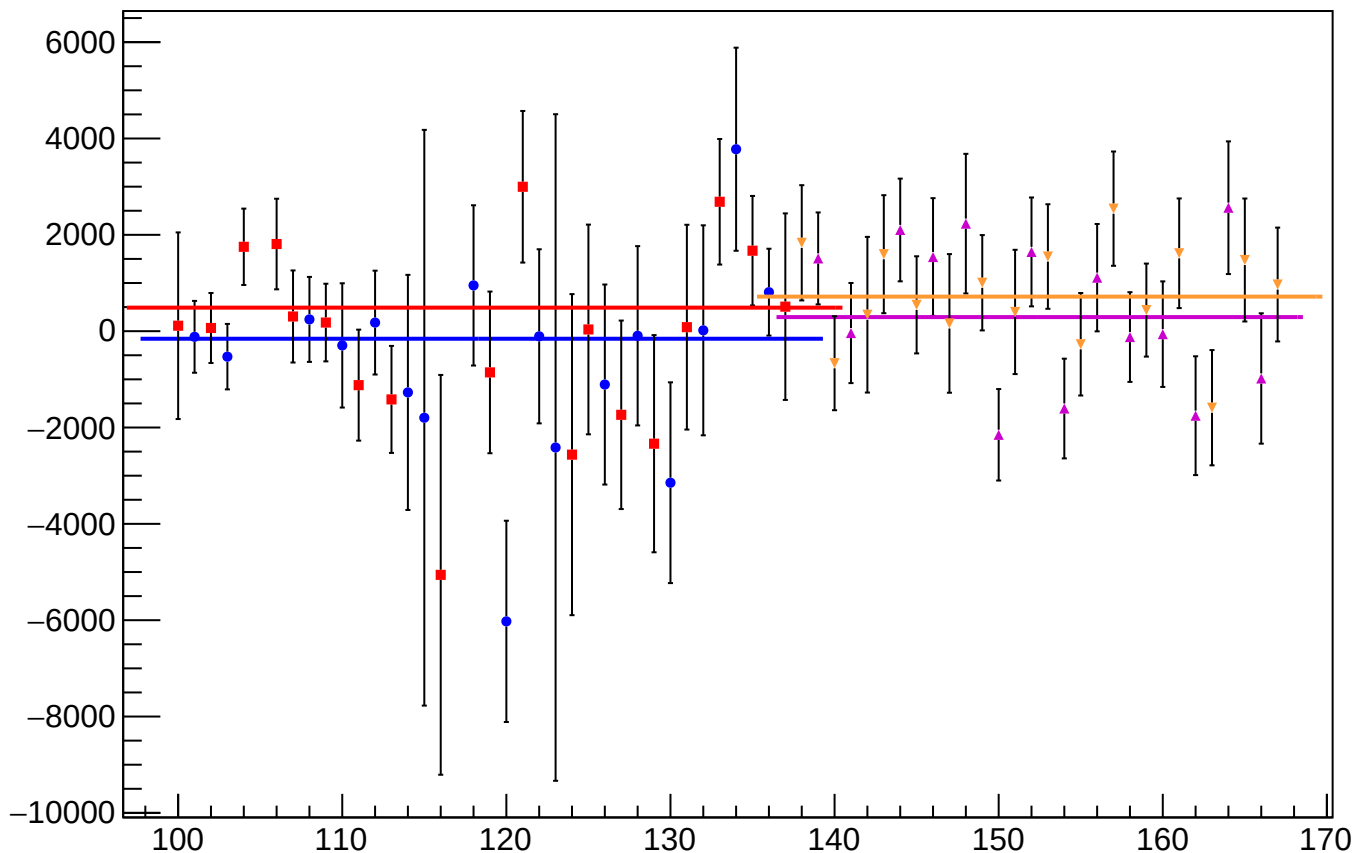
Left In: 990.152+/-0.213 χ^2/NDF :219594.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 994.582+/-0.148 χ^2/NDF : 442139.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_mean vs Slug



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

Left Out: 717.243 ± 286.259 χ^2/NDF : 12.4/15

Right Out: 488.583 ± 282.758 χ^2/NDF : 22.6/18

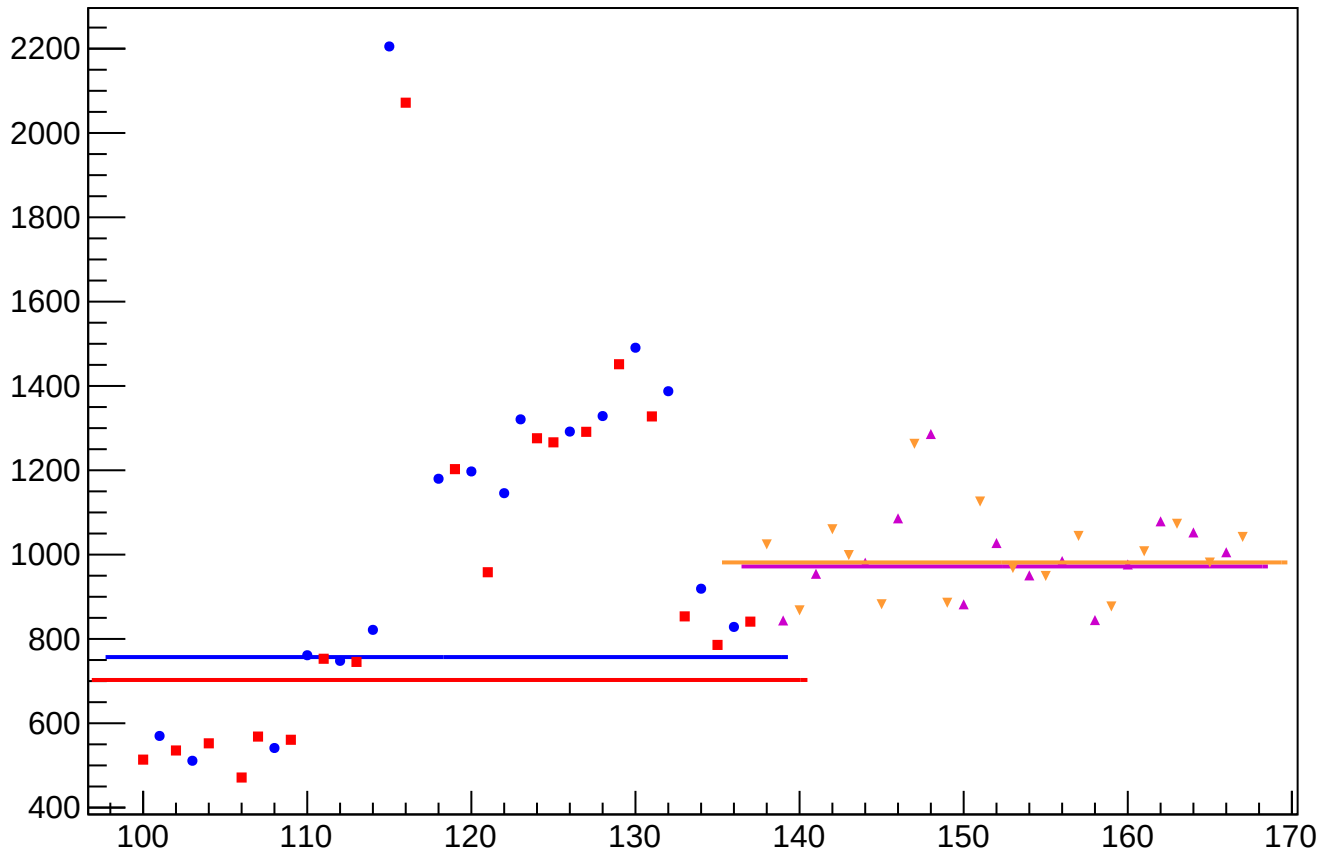
Left In: 292.402 ± 296.222 χ^2/NDF : 26.1/13

+ sign 318.281 ± 211.084 χ^2/NDF : 32.9/32

All: 357.876 ± 146.888 χ^2/NDF : 81.9/65

- sign 395.052 ± 204.534 χ^2/NDF : 48.9/32

asym_sam5_rms vs Slug



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 981.459 $\pm$ 0.202 χ^2 /NDF: 223578.5/15

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

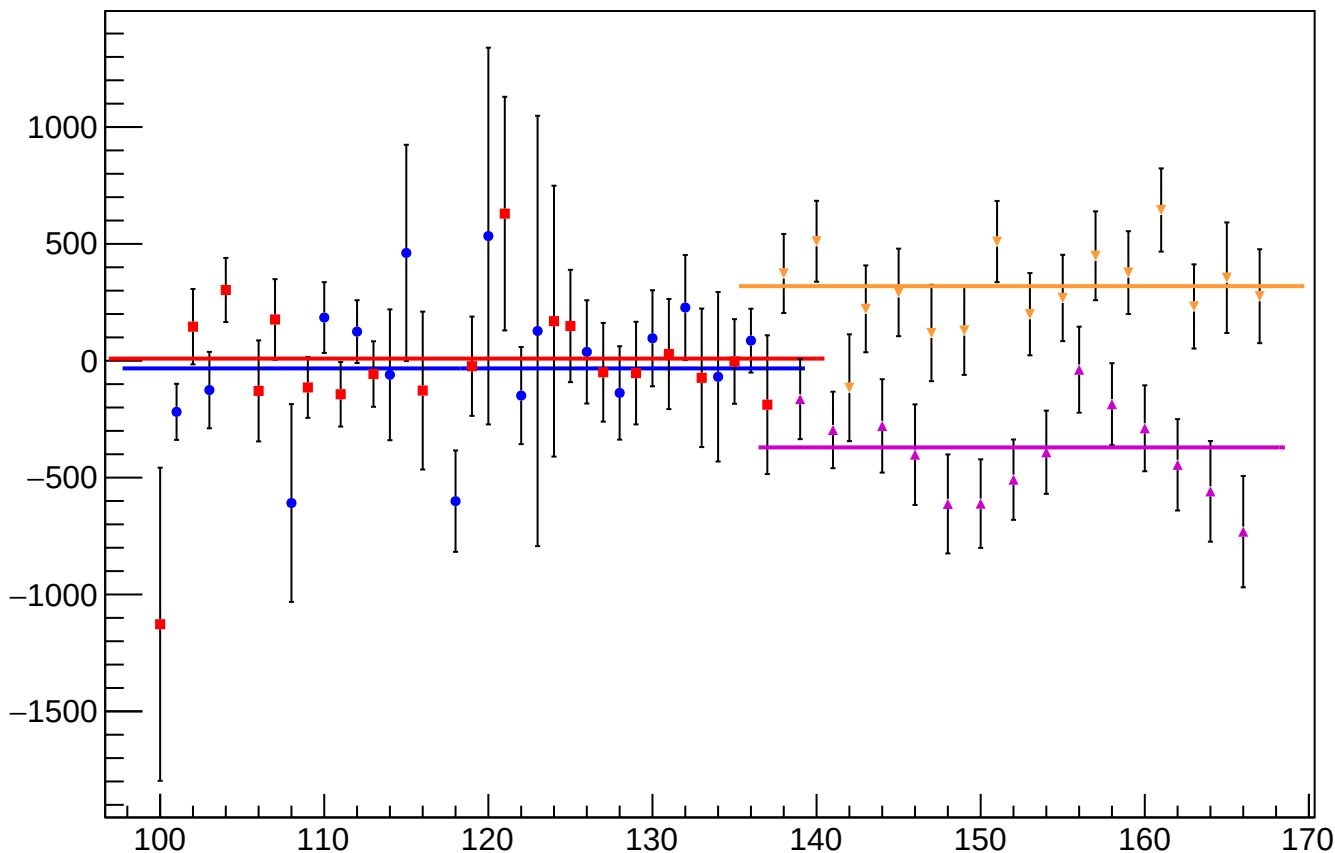
Left In: 971.964 $\pm$ 0.209 χ^2 /NDF: 232462.9/13

+ sign 879.041 $\pm$ 0.149 χ^2 /NDF: 2495987.3/32

All: 854.290 $\pm$ 0.104 χ^2 /NDF: 5336306.0/65

- sign 831.051 $\pm$ 0.145 χ^2 /NDF: 2787001.3/32

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 $\chi^2/\text{NDF}: 19.7/16$

Left Out: 319.219 ± 46.854 $\chi^2/\text{NDF}: 13.2/15$

Right Out: 9.277 ± 45.600 $\chi^2/\text{NDF}: 14.7/18$

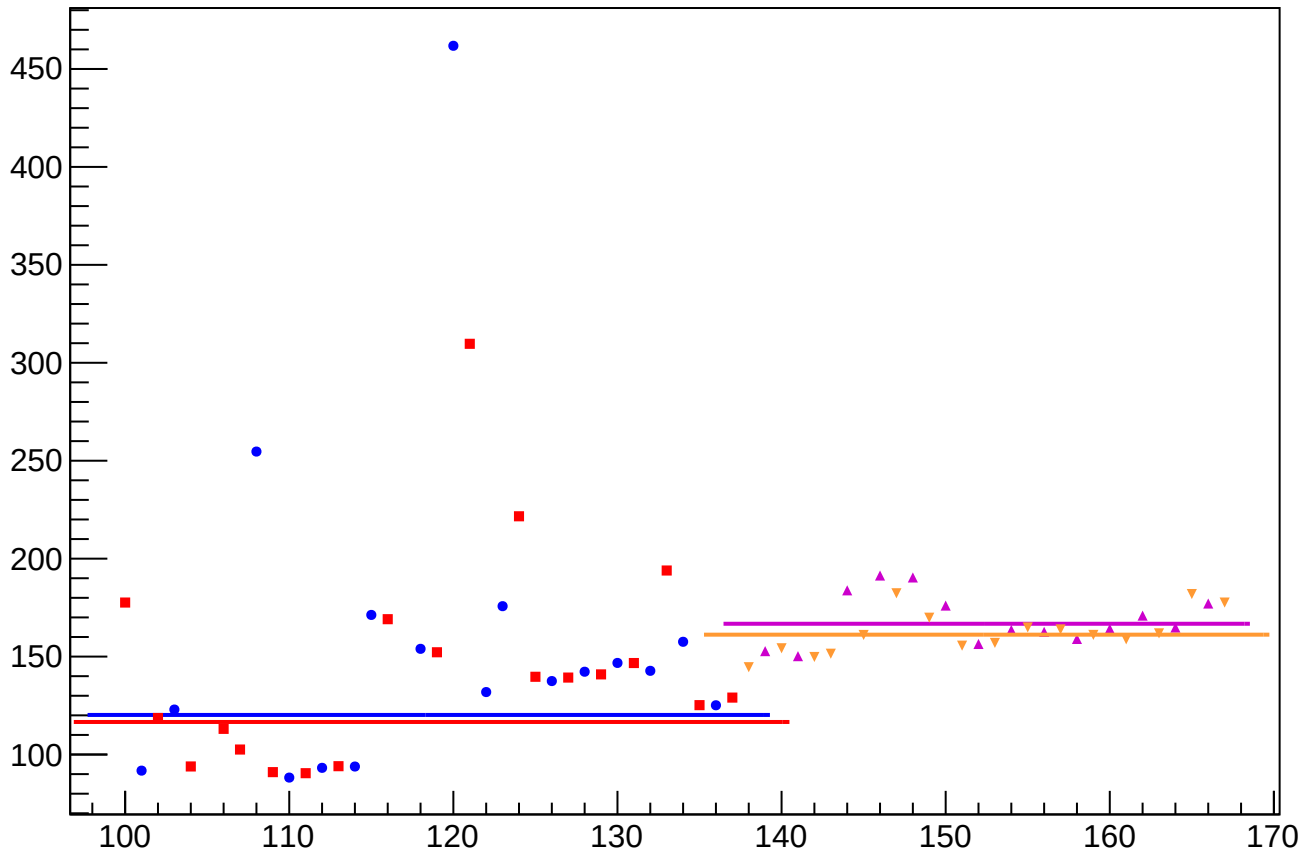
Left In: -370.749 ± 50.584 $\chi^2/\text{NDF}: 13.2/13$

+ sign 149.087 ± 33.674 $\chi^2/\text{NDF}: 60.2/32$

All: -5.110 ± 23.880 $\chi^2/\text{NDF}: 161.4/65$

- sign -161.097 ± 33.869 $\chi^2/\text{NDF}: 59.1/32$

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 161.193 $\pm$ 0.033 χ^2 /NDF: 91668.8/15

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

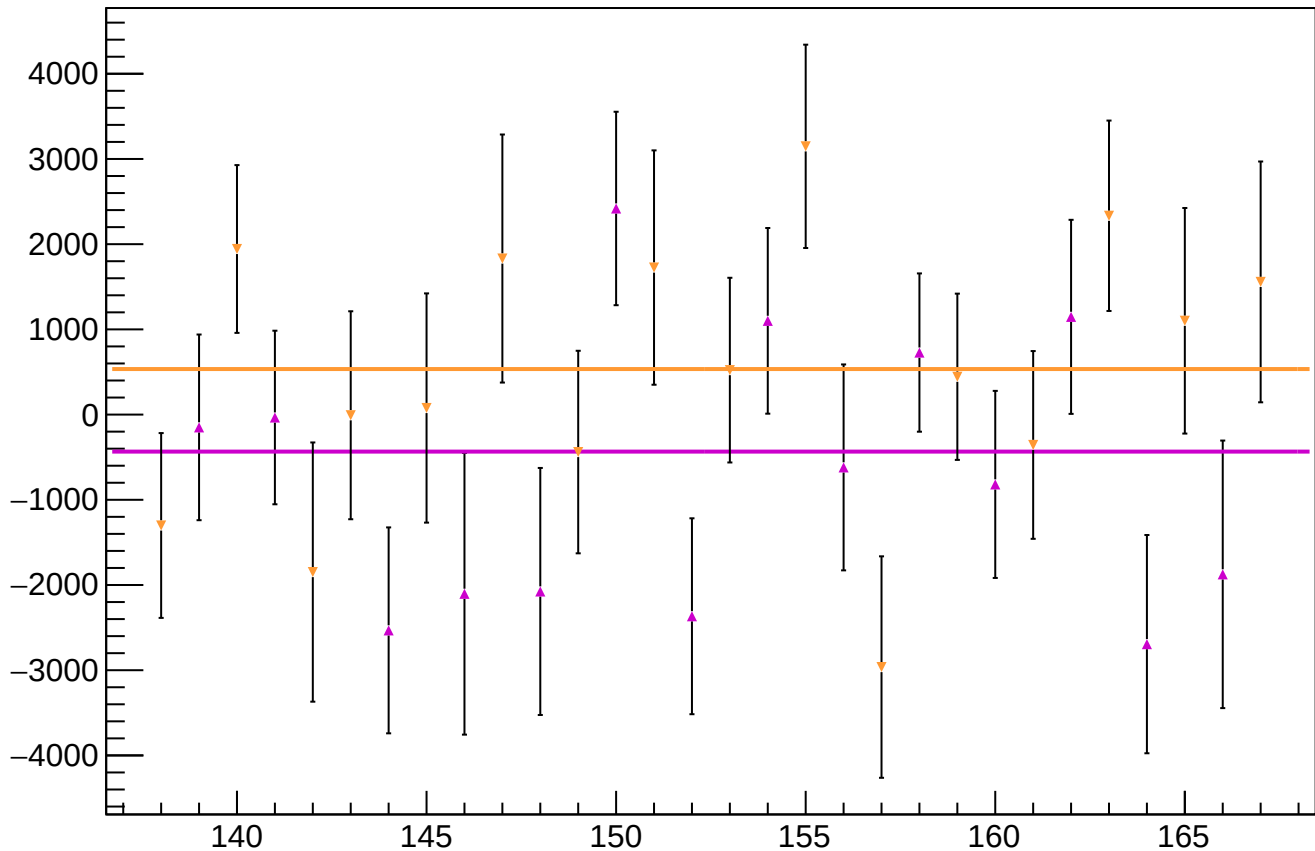
Left In: 166.760 $\pm$ 0.036 χ^2 /NDF: 122311.1/13

+ sign 141.378 $\pm$ 0.024 χ^2 /NDF: 1893895.9/32

All: 140.245 $\pm$ 0.017 χ^2 /NDF: 4102906.7/65

- sign 139.098 $\pm$ 0.024 χ^2 /NDF: 2204451.0/32

asym_sam6_correction_mean vs Slug



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

Left Out: 534.505+/-299.615 χ^2/NDF : 25.9/15

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

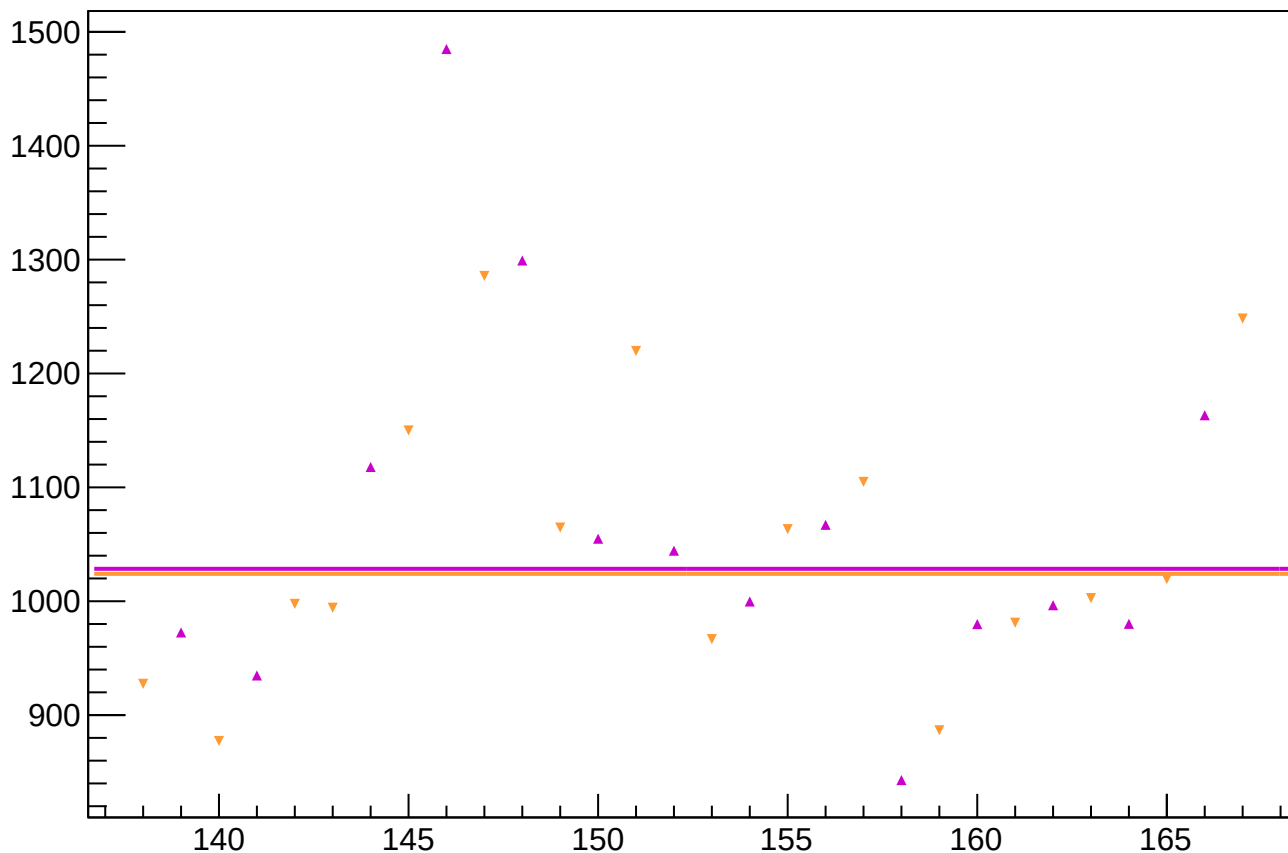
Left In: -434.333+/-313.597 χ^2/NDF : 24.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.165+/-216.634 χ^2/NDF : 55.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug



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

Left Out: 1024.047+/-0.212 χ^2/NDF : 296357.2/15

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

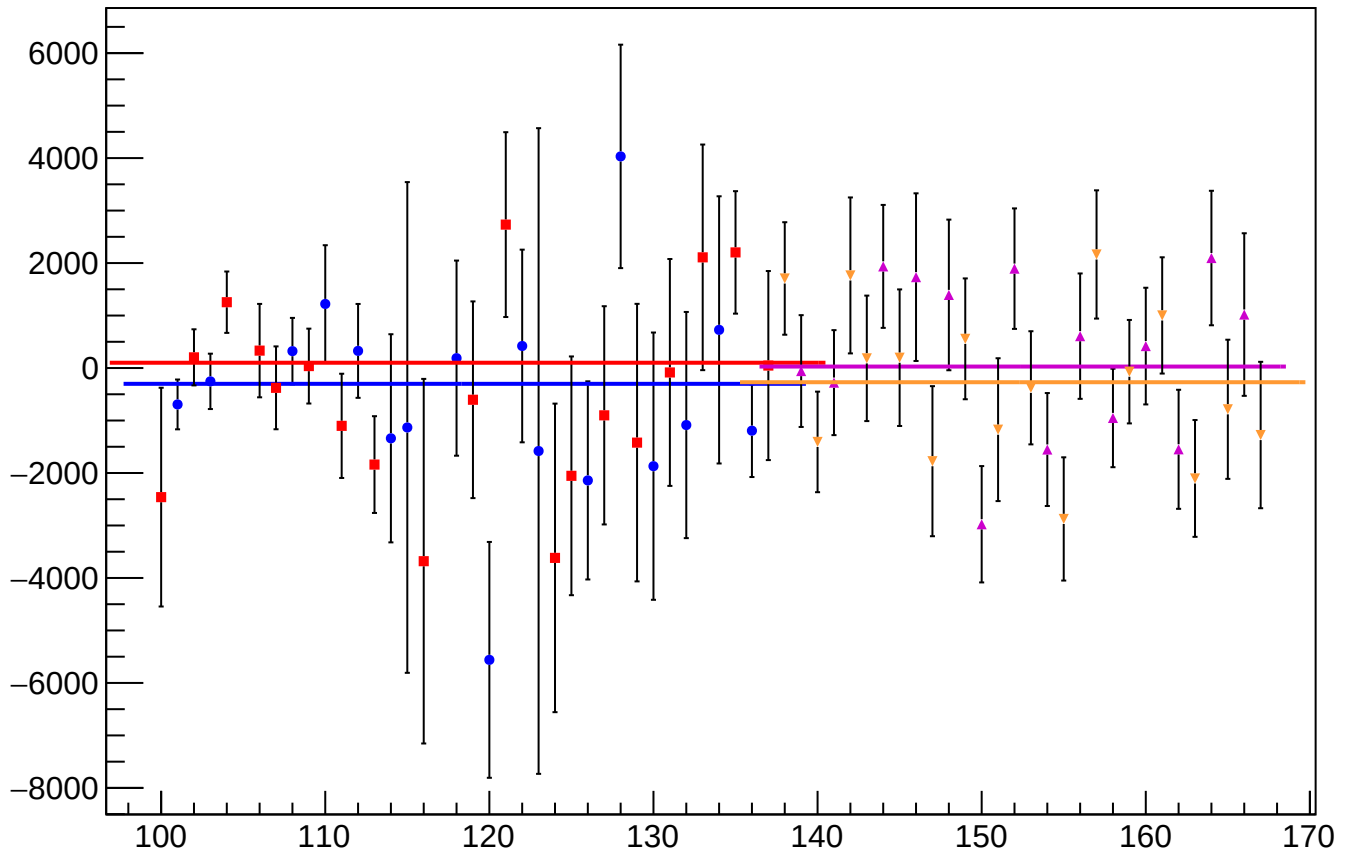
Left In: 1028.485+/-0.222 χ^2/NDF : 363190.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1026.165+/-0.153 χ^2/NDF : 659756.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -301.000 $\pm$ 250.042 χ^2/NDF : 16.8/16

Left Out: -270.399 $\pm$ 295.165 χ^2/NDF : 22.7/15

Right Out: 100.857 $\pm$ 245.981 χ^2/NDF : 22.5/18

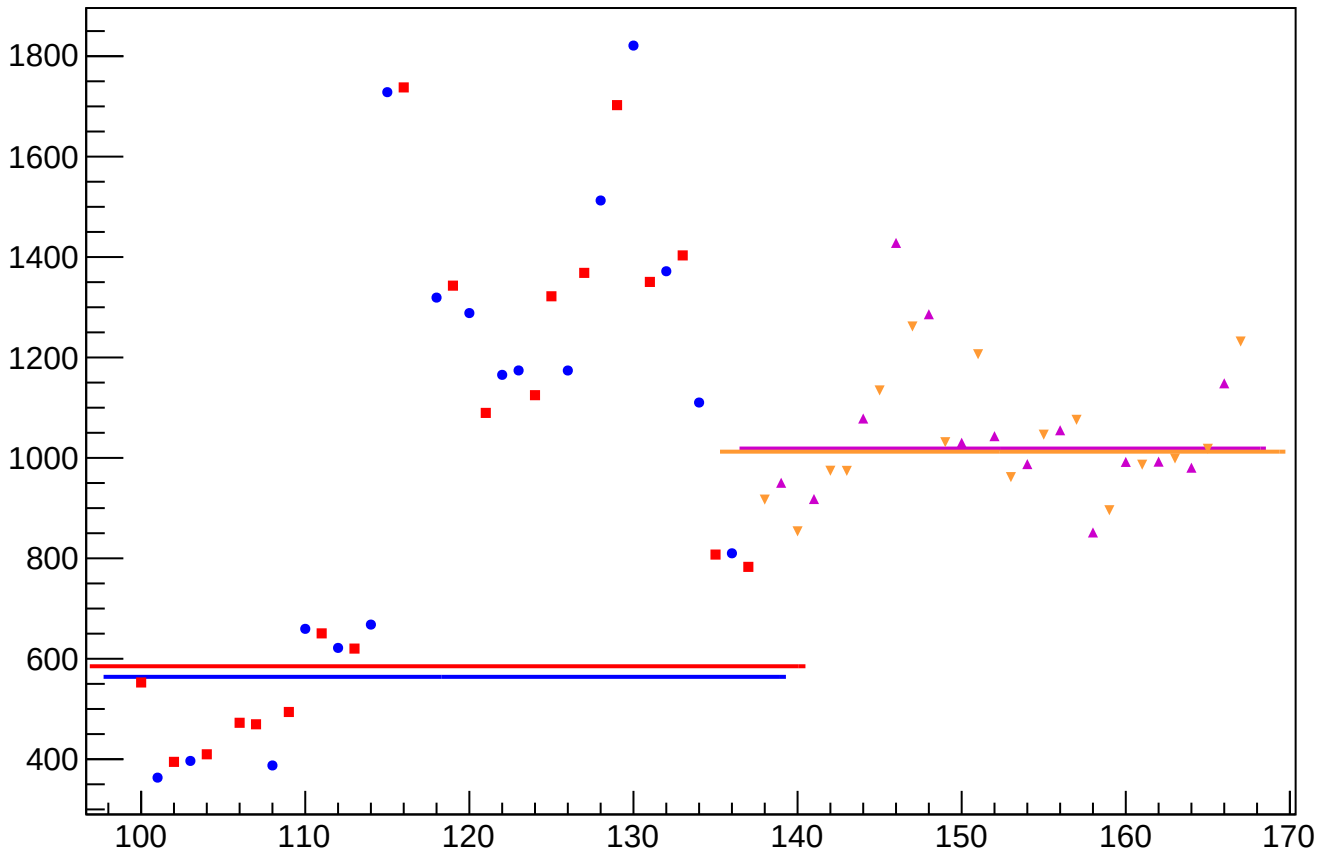
Left In: 28.083 $\pm$ 310.484 χ^2/NDF : 23.3/13

+ sign -288.215 $\pm$ 190.787 χ^2/NDF : 39.5/32

All: -109.610 $\pm$ 135.615 χ^2/NDF : 87.2/65

- sign 72.794 $\pm$ 192.806 χ^2/NDF : 45.9/32

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1012.442 $\pm$ 0.209 χ^2 /NDF: 284032.5/15

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

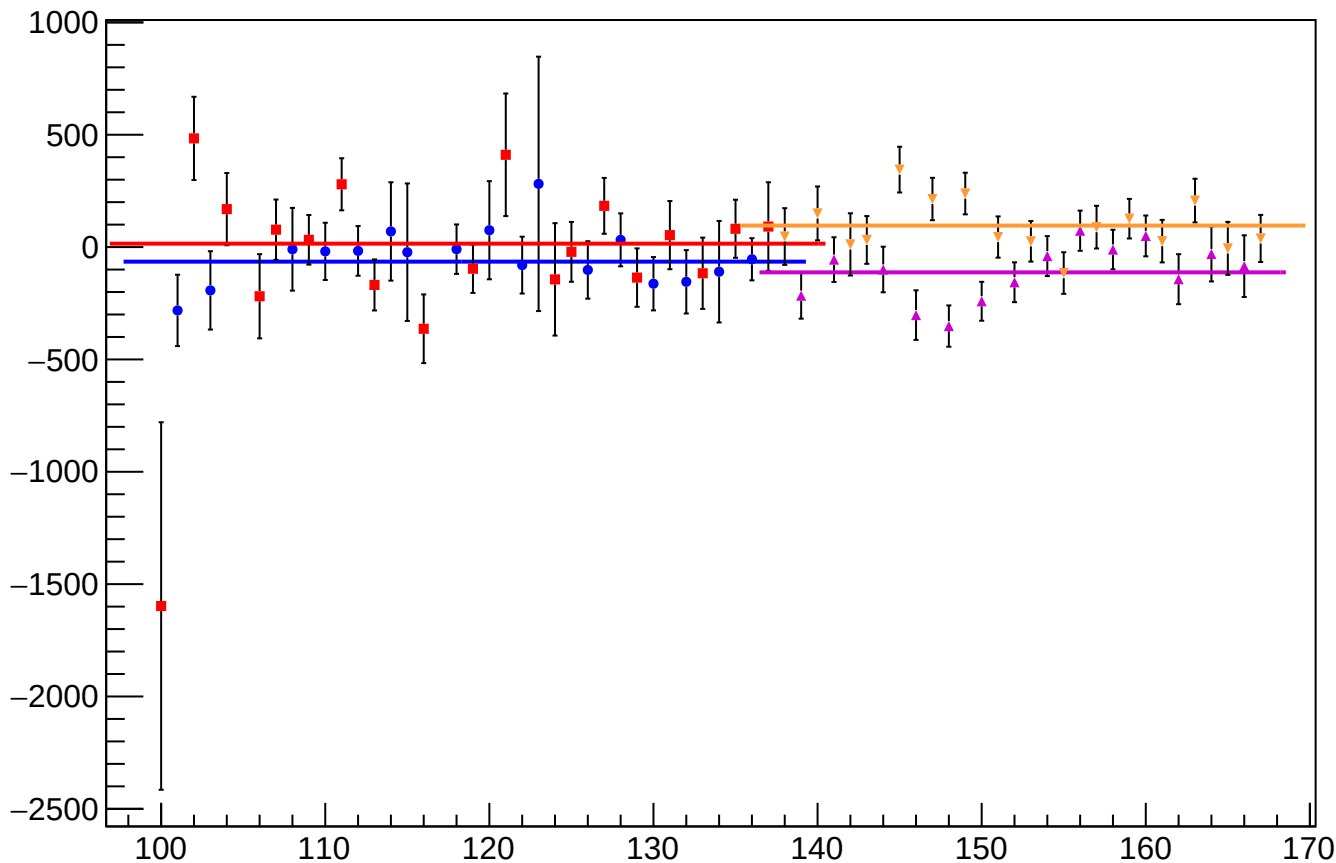
Left In: 1018.620 $\pm$ 0.220 χ^2 /NDF: 320693.7/13

+ sign 751.362 $\pm$ 0.135 χ^2 /NDF: 6233208.7/32

All: 751.804 $\pm$ 0.096 χ^2 /NDF: 11770653.4/65

- sign 752.256 $\pm$ 0.136 χ^2 /NDF: 5537423.0/32

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 95.740 ± 25.181 χ^2/NDF : 20.1/15

Right Out: 15.294 ± 33.422 χ^2/NDF : 35.0/18

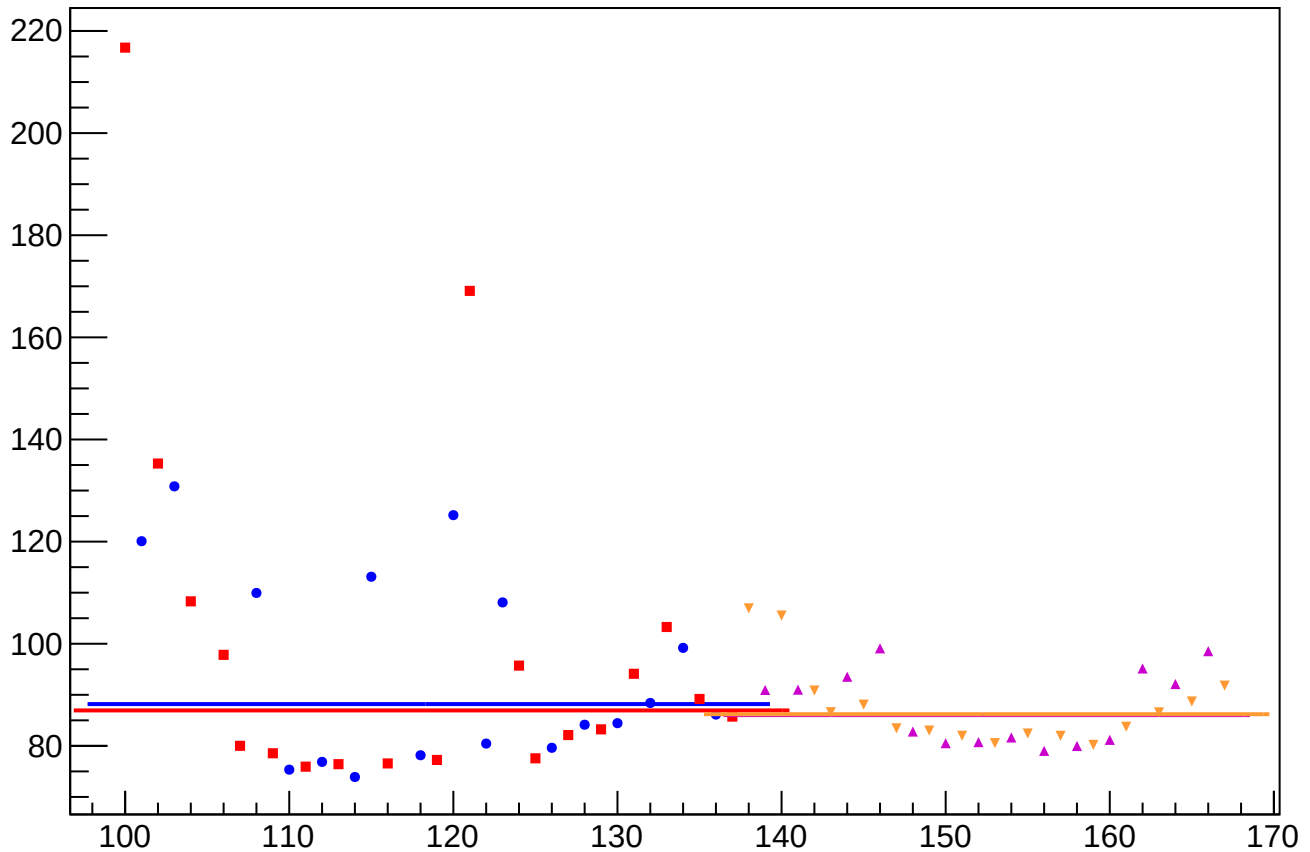
Left In: -112.452 ± 26.199 χ^2/NDF : 23.6/13

+ sign 40.214 ± 20.366 χ^2/NDF : 40.4/32

All: -11.165 ± 14.490 χ^2/NDF : 120.9/65

- sign -63.830 ± 20.619 χ^2/NDF : 67.6/32

dit_asym_sam7_rms vs Slug



Right In: 88.186 ± 0.024 χ^2/NDF : 394447.7/16

Left Out: 86.199 ± 0.018 χ^2/NDF : 149658.0/15

Right Out: 86.943 ± 0.024 χ^2/NDF : 531359.9/18

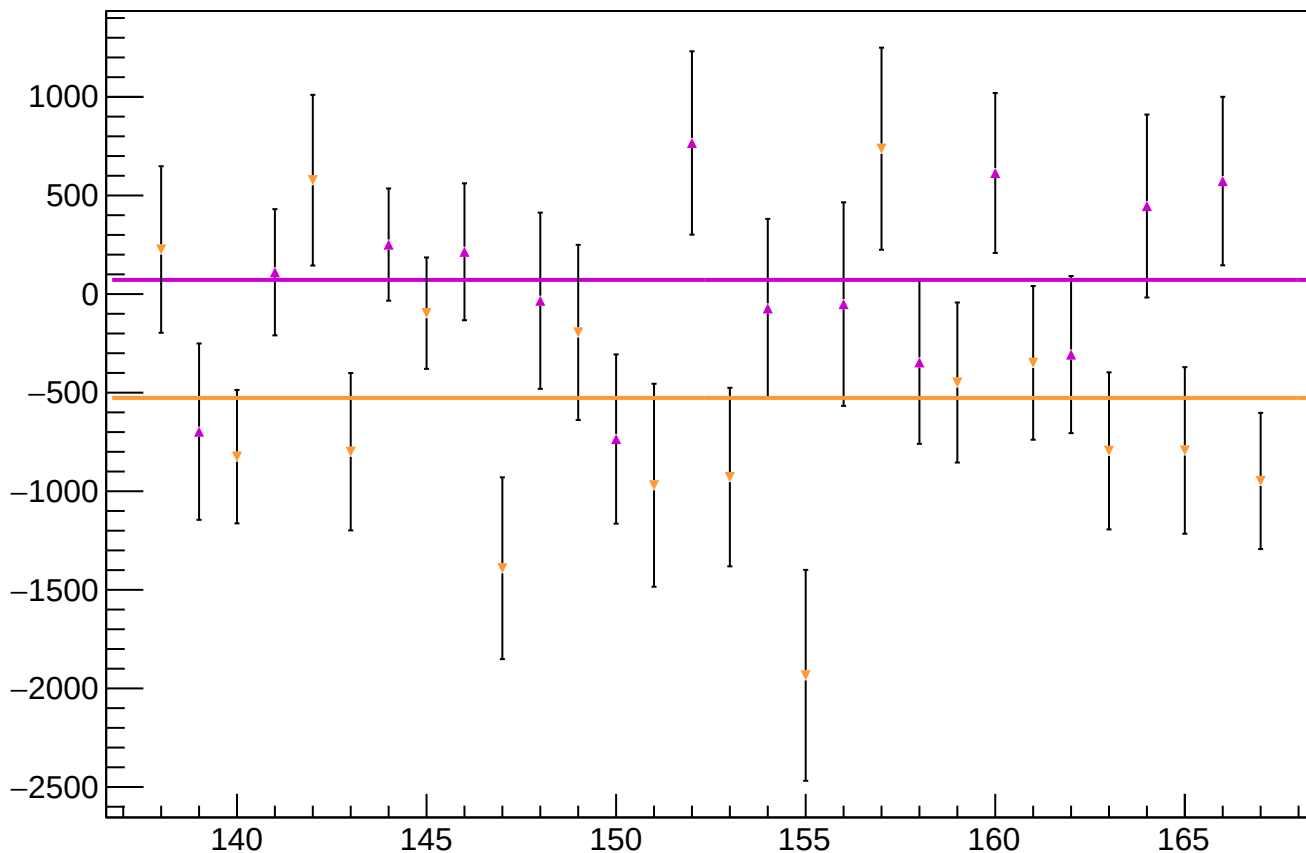
Left In: 86.026 ± 0.019 χ^2/NDF : 133573.2/13

+ sign 86.886 ± 0.014 χ^2/NDF : 548413.4/32

All: 86.634 ± 0.010 χ^2/NDF : 1214901.3/65

- sign 86.375 ± 0.015 χ^2/NDF : 665865.4/32

asym_sam7_correction_mean vs Slug



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

Left Out: -526.689 $\pm$ 101.455 χ^2 /NDF:34.4/15

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

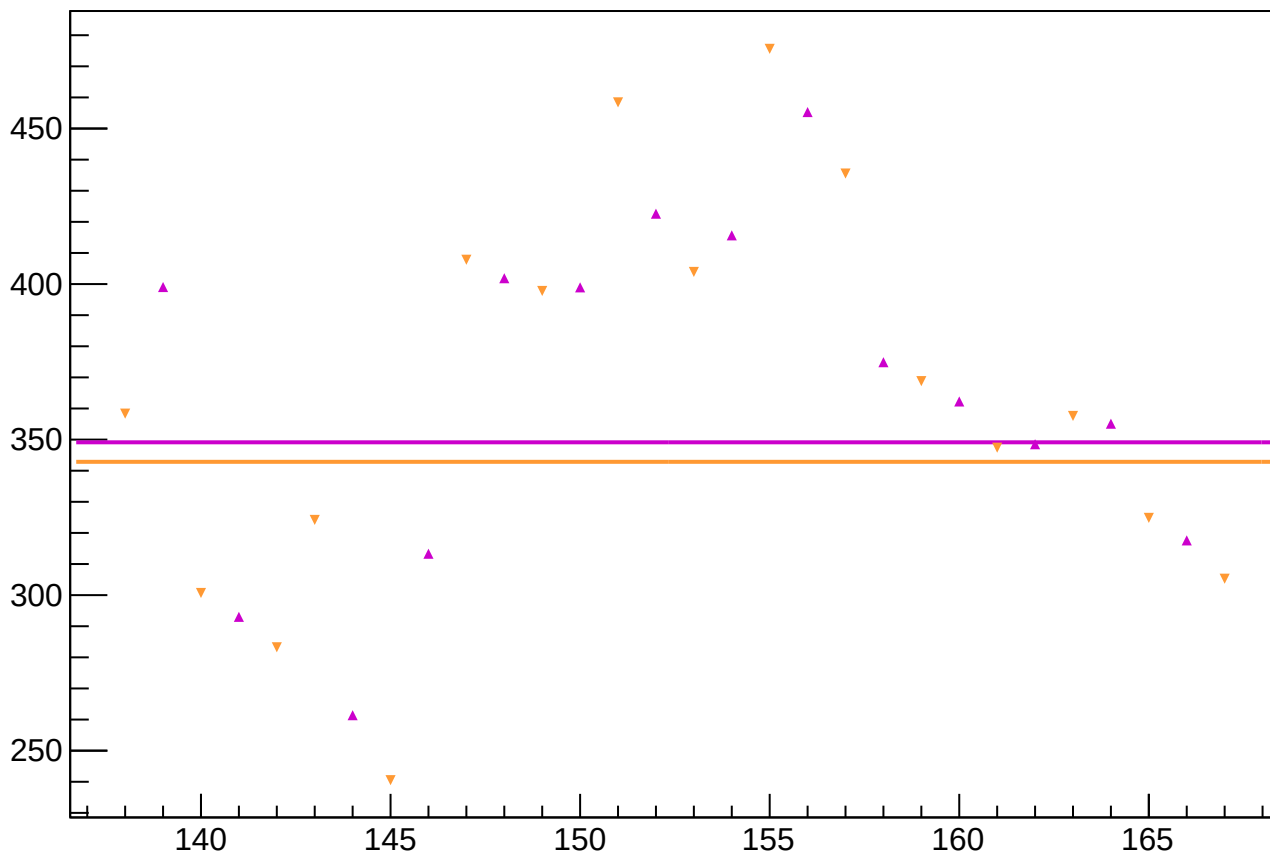
Left In: 71.964 $\pm$ 106.947 χ^2 /NDF:15.3/13

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

All: -243.127 $\pm$ 73.604 χ^2 /NDF: 66.2/29

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

asym_sam7_correction_rms vs Slug



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

Left Out: 342.858+/-0.072 χ^2/NDF : 773142.4/15

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

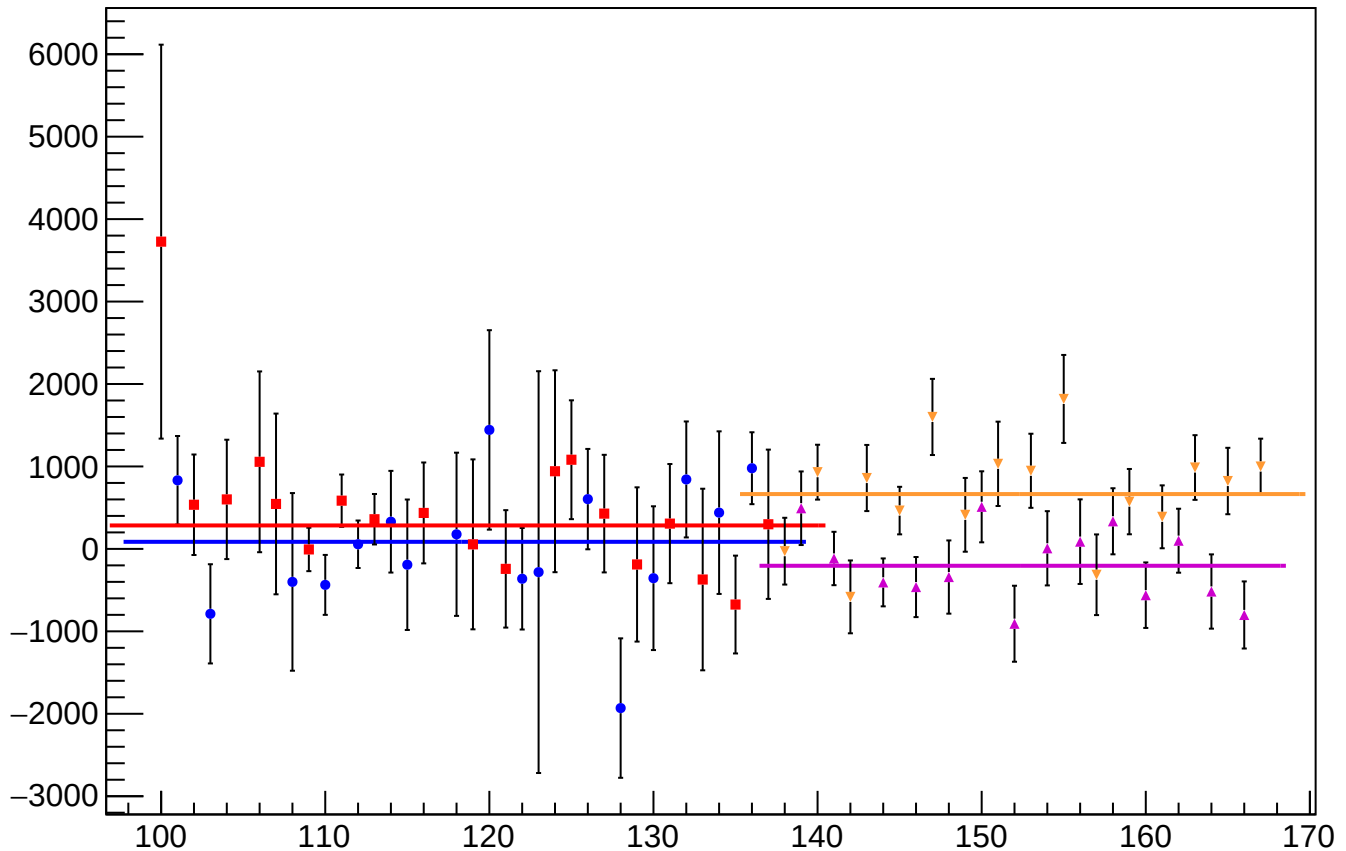
Left In: 349.129+/-0.076 χ^2/NDF : 551133.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.829+/-0.052 χ^2/NDF : 1327895.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: 85.810 $\pm$ 142.601 χ^2/NDF : 20.6/16

Left Out: 664.960 $\pm$ 100.348 χ^2/NDF : 28.6/15

Right Out: 284.456 $\pm$ 129.599 χ^2/NDF : 10.6/18

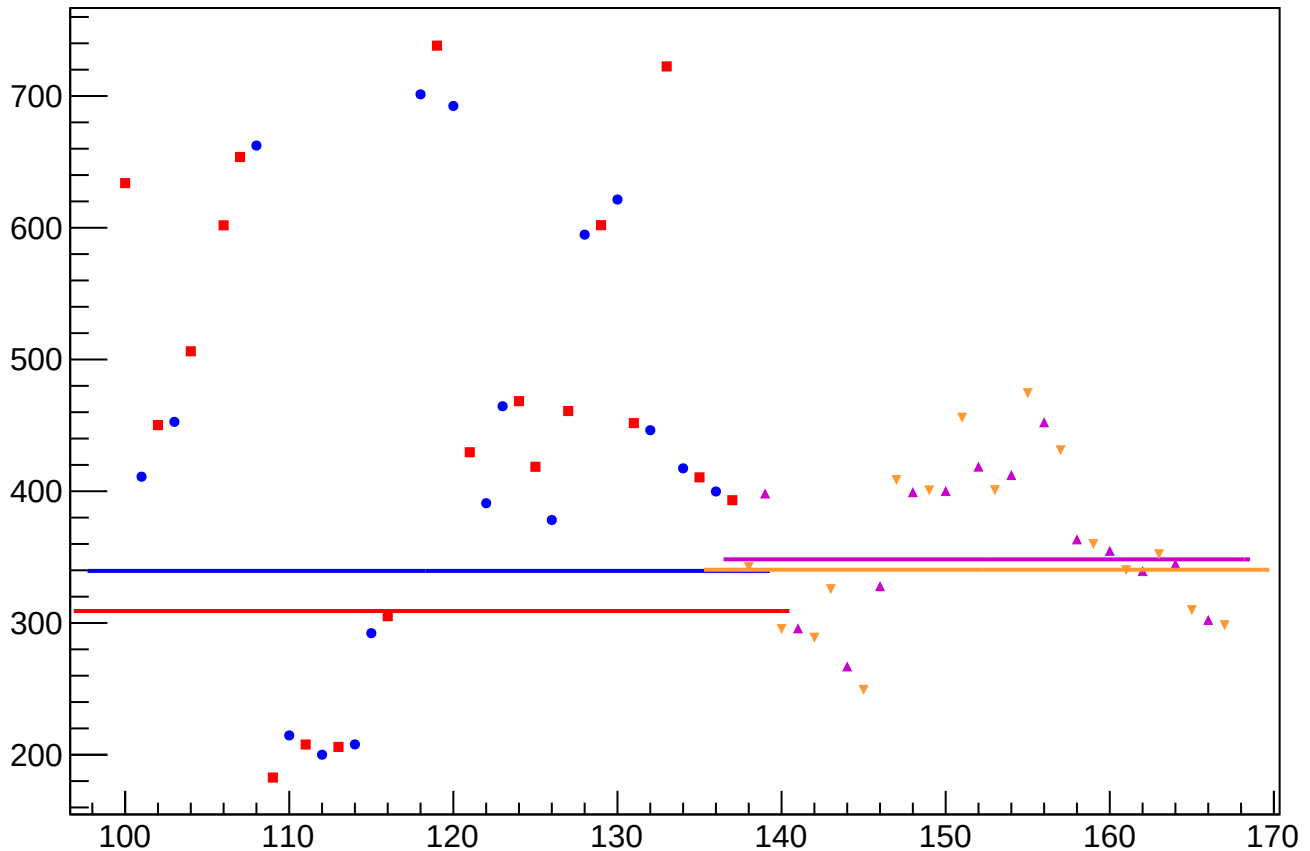
Left In: -204.724 $\pm$ 106.601 χ^2/NDF : 15.1/13

+ sign 473.152 $\pm$ 82.065 χ^2/NDF : 60.2/32

All: 233.686 $\pm$ 58.122 χ^2/NDF : 111.5/65

- sign -7.317 $\pm$ 82.328 χ^2/NDF : 34.2/32

asym_sam7_rms vs Slug



Right In: 339.553 ± 0.101 $\chi^2/\text{NDF}: 2042244.1/16$

Left Out: 340.429 ± 0.071 $\chi^2/\text{NDF}: 728204.3/15$

Right Out: 309.105 ± 0.092 $\chi^2/\text{NDF}: 2730308.7/18$

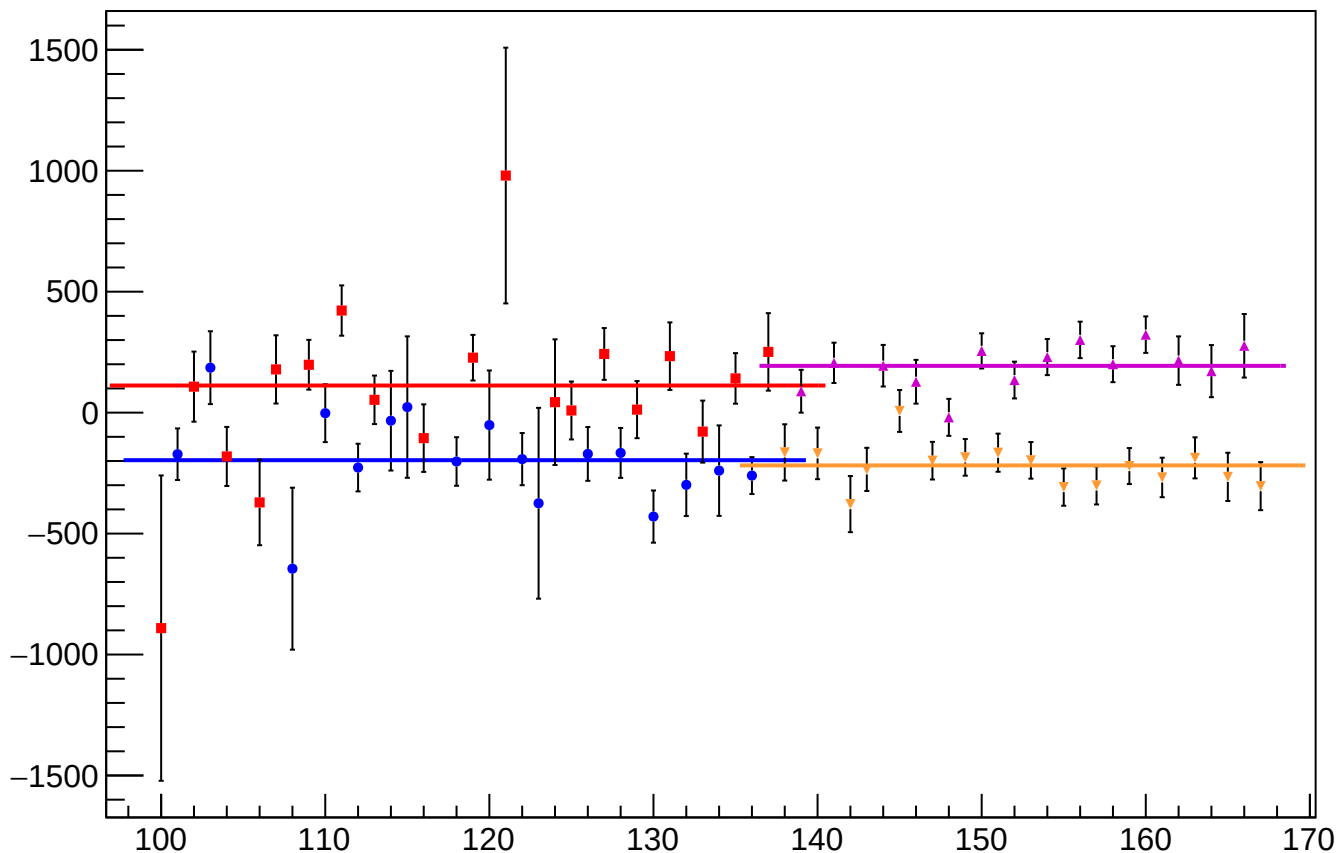
Left In: 348.309 ± 0.075 $\chi^2/\text{NDF}: 494673.3/13$

+ sign 340.139 ± 0.058 $\chi^2/\text{NDF}: 2770498.9/32$

All: 336.326 ± 0.041 $\chi^2/\text{NDF}: 6113305.4/65$

- sign 332.489 ± 0.058 $\chi^2/\text{NDF}: 3334144.6/32$

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -218.167 ± 21.460 χ^2/NDF : 13.8/15

Right Out: 112.097 ± 29.622 χ^2/NDF : 39.3/18

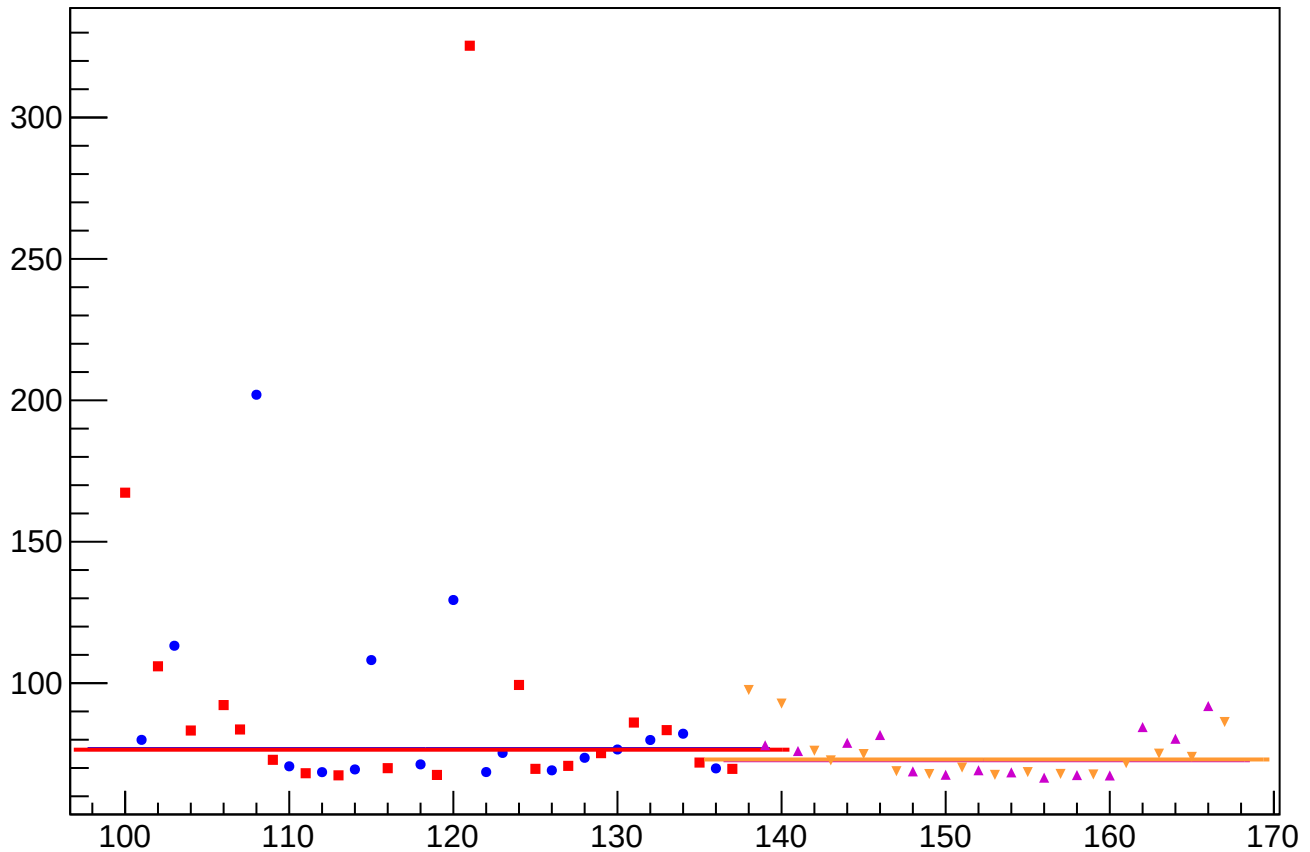
Left In: 193.404 ± 22.256 χ^2/NDF : 16.7/13

+ sign -210.994 ± 17.532 χ^2/NDF : 33.2/32

All: -26.240 ± 12.488 χ^2/NDF : 319.5/65

- sign 164.067 ± 17.793 χ^2/NDF : 60.9/32

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 73.012 $\pm$ 0.015 χ^2 /NDF:250848.0/15

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

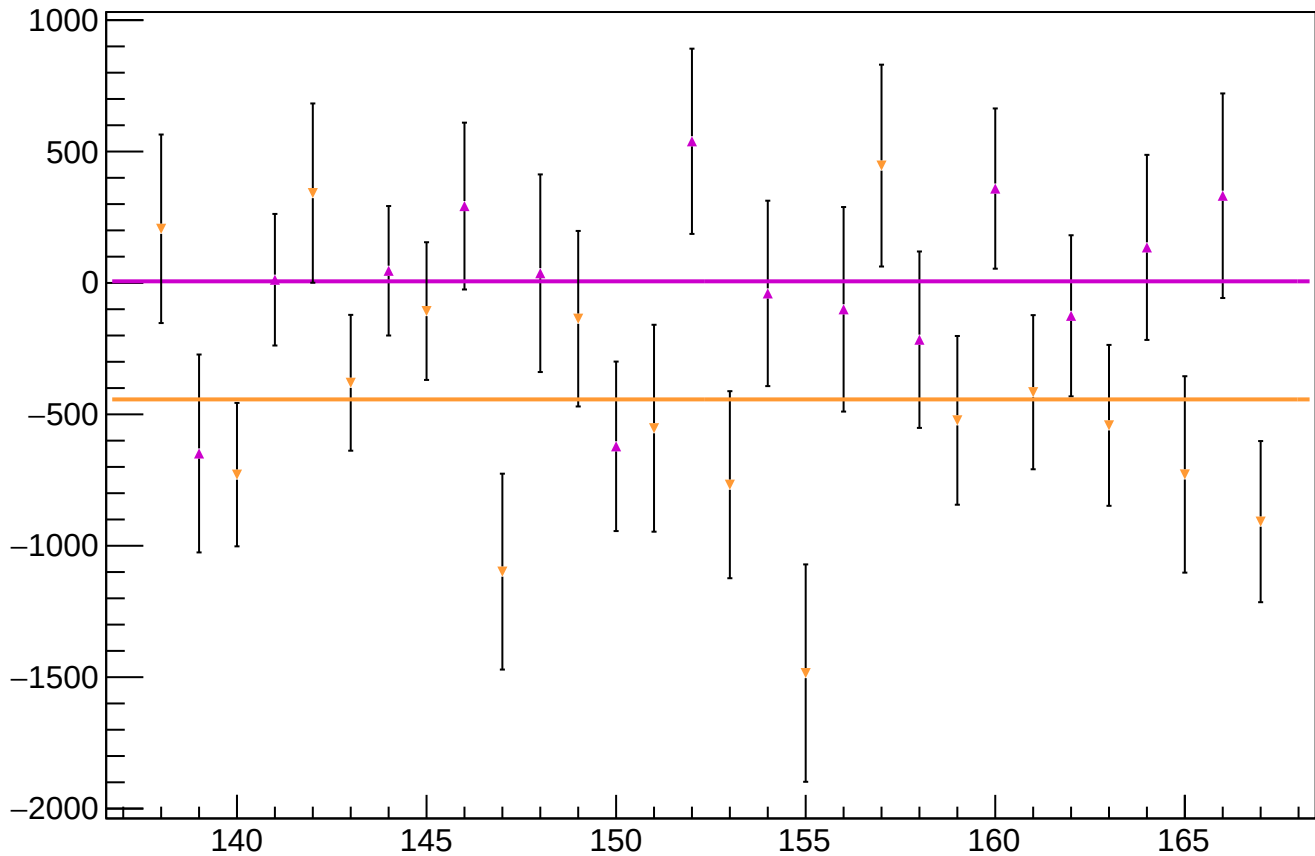
Left In: 72.747 $\pm$ 0.016 χ^2 /NDF:179588.8/13

+ sign 74.236 $\pm$ 0.012 χ^2 /NDF: 870755.7/32

All: 74.166 $\pm$ 0.009 χ^2 /NDF: 1770066.0/65

- sign 74.093 $\pm$ 0.013 χ^2 /NDF: 899244.9/32

asym_sam8_correction_mean vs Slug



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

Left Out: -443.106+/-81.032 χ^2/NDF : 31.0/15

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

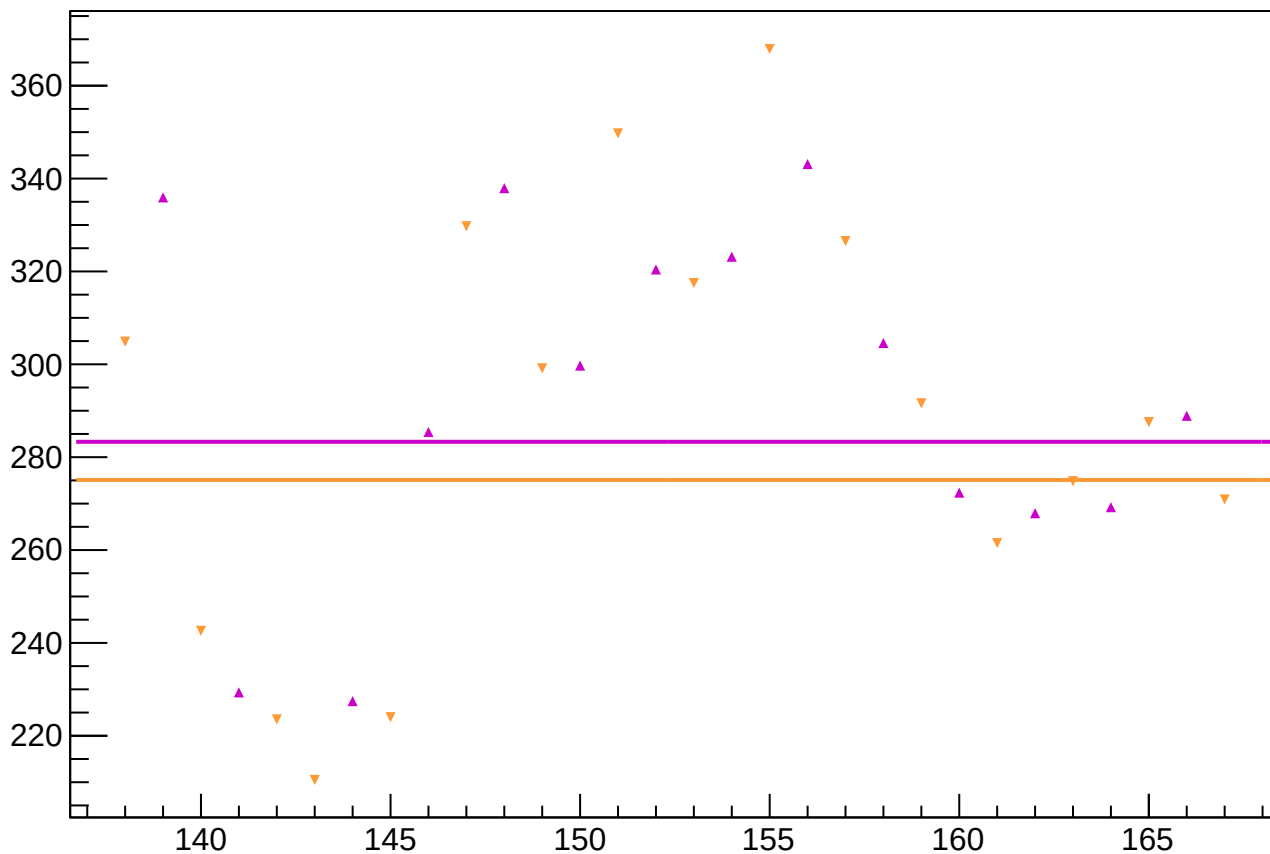
Left In: 6.150+/-86.466 χ^2/NDF : 12.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.038+/-59.126 χ^2/NDF : 58.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug



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

Left Out: 275.097+/-0.057 χ^2/NDF : 591396.6/15

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

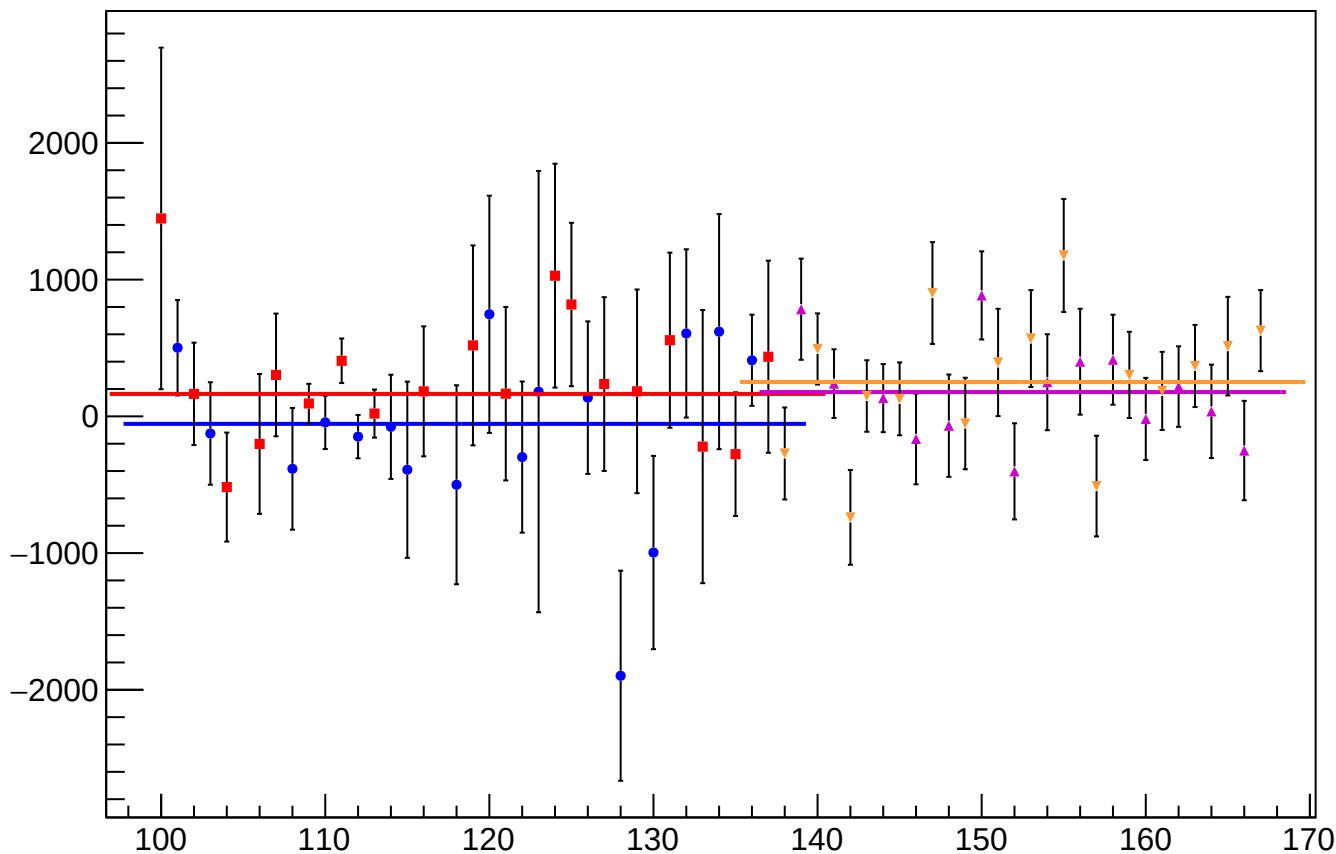
Left In: 283.313+/-0.061 χ^2/NDF : 396574.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.939+/-0.042 χ^2/NDF : 997584.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: 251.458 ± 79.824 χ^2/NDF : 28.3/15

Right Out: 164.141 ± 76.903 χ^2/NDF : 11.9/18

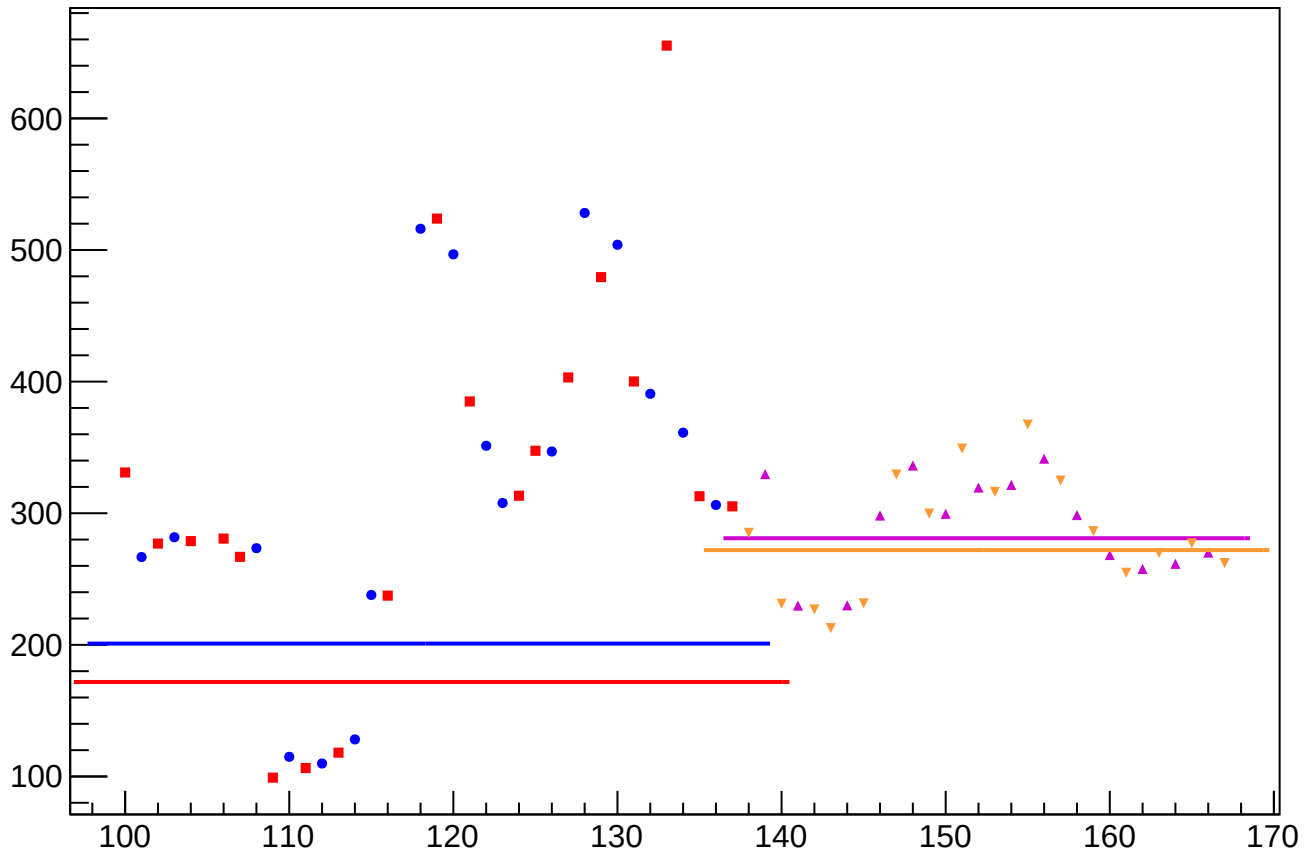
Left In: 177.783 ± 85.746 χ^2/NDF : 14.7/13

+ sign 117.152 ± 59.822 χ^2/NDF : 51.3/32

All: 144.852 ± 41.362 χ^2/NDF : 78.3/65

- sign 170.223 ± 57.251 χ^2/NDF : 26.6/32

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 271.997+/-0.056 χ^2/NDF : 566512.5/15

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

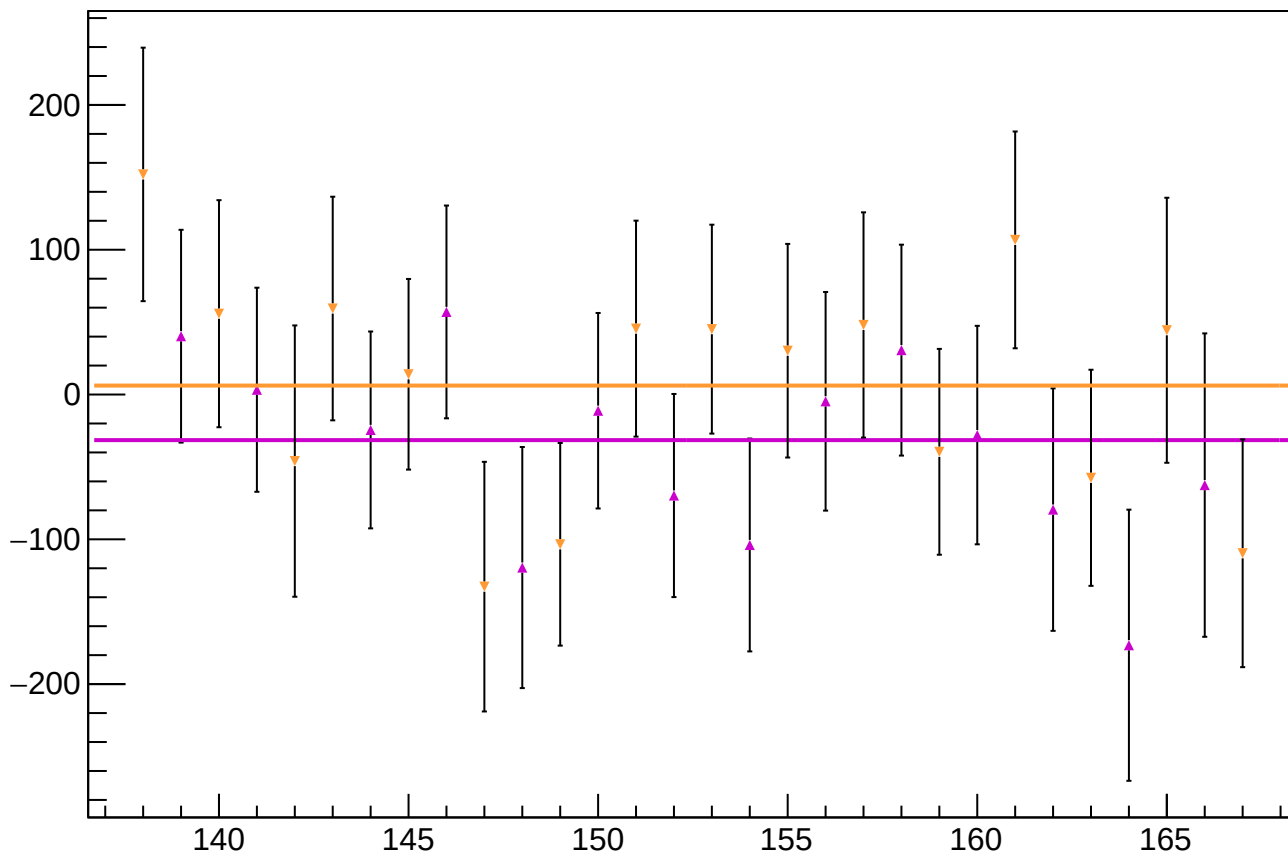
Left In: 281.000+/-0.061 χ^2/NDF : 386836.0/13

+ sign 240.862+/-0.042 χ^2/NDF : 4696766.5/32

All: 230.222+/-0.029 χ^2/NDF : 11095377.4/65

- sign 220.477+/-0.040 χ^2/NDF : 6277393.1/32

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 6.188 $\pm$ 19.238 χ^2 /NDF:15.3/15

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

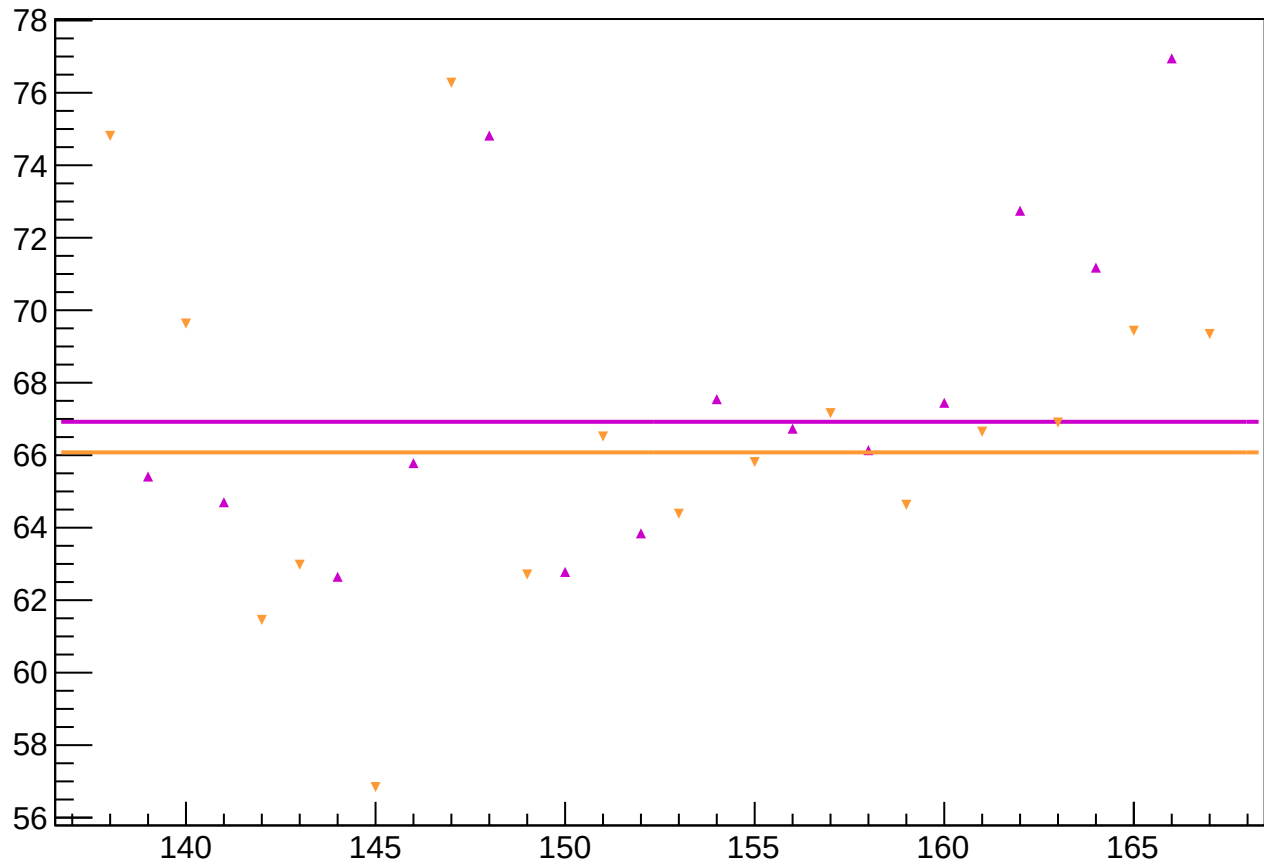
Left In: -31.492 $\pm$ 20.297 χ^2 /NDF:8.7/13

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

All: -11.644 $\pm$ 13.963 χ^2 /NDF: 25.8/29

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

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 66.078+/-0.014 χ^2/NDF :112998.4/15

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

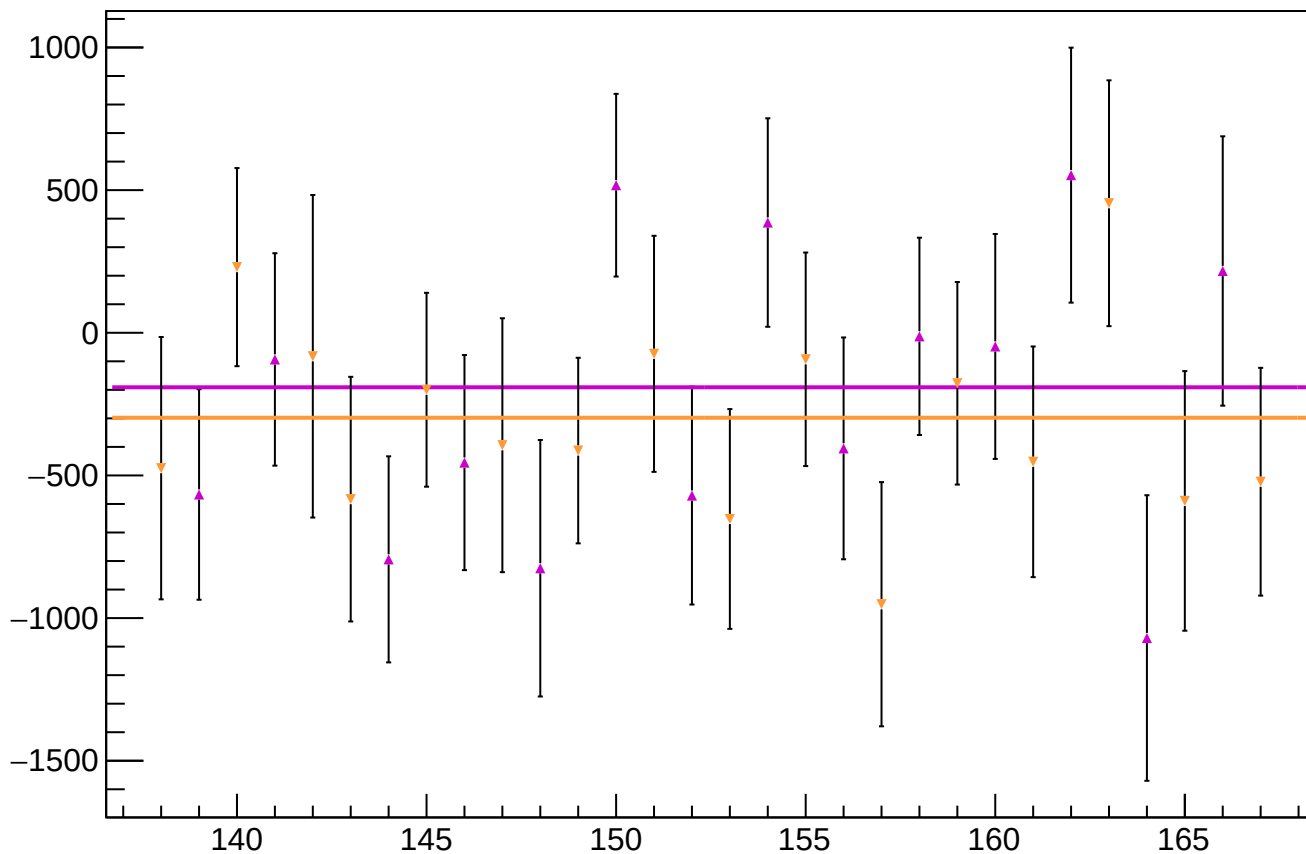
Left In: 66.922+/-0.014 χ^2/NDF :73199.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.477+/-0.010 χ^2/NDF : 188018.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -297.763+/-99.751 χ^2/NDF : 11.1/15

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

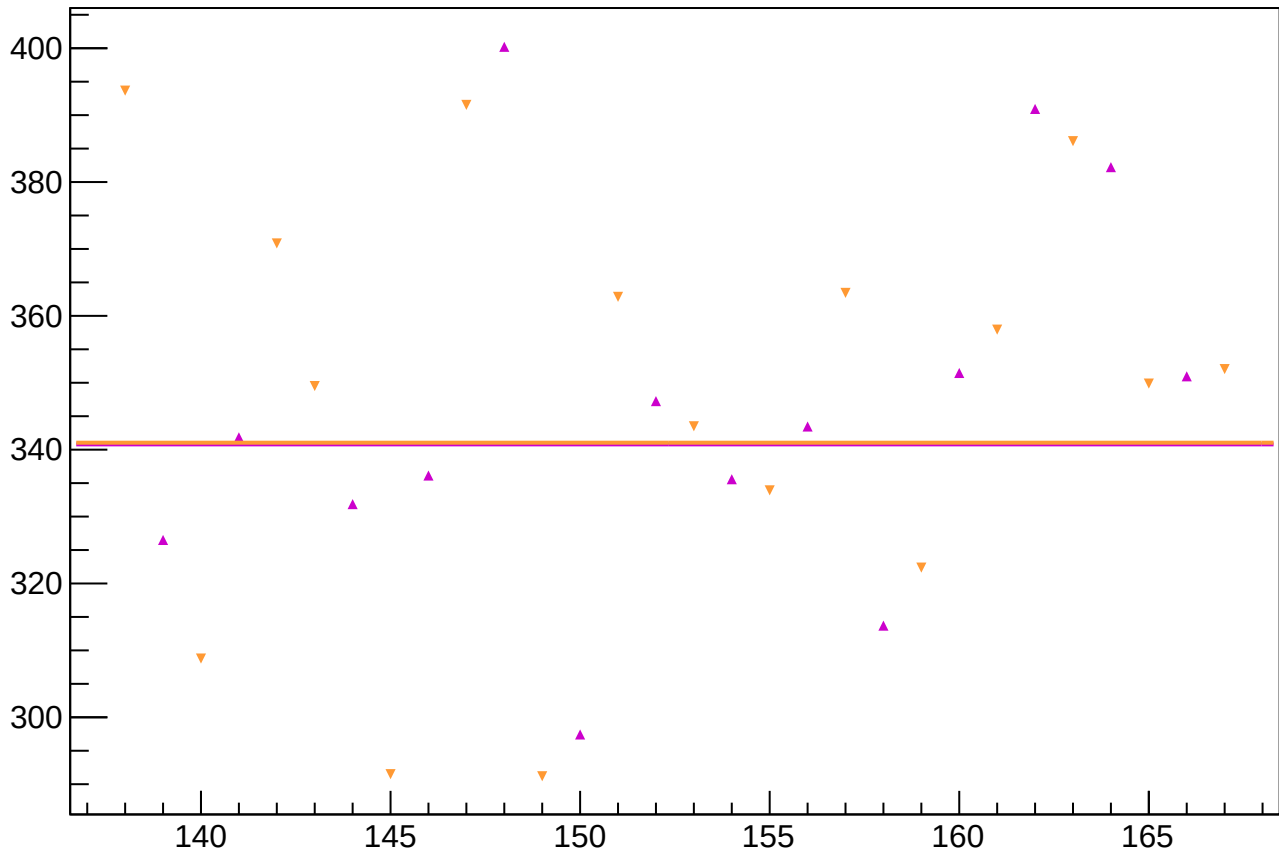
Left In: -191.053+/-103.570 χ^2/NDF : 22.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.412+/-71.847 χ^2/NDF : 33.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_rms vs Slug



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

Left Out: 341.043+/-0.071 χ^2/NDF : 210092.7/15

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

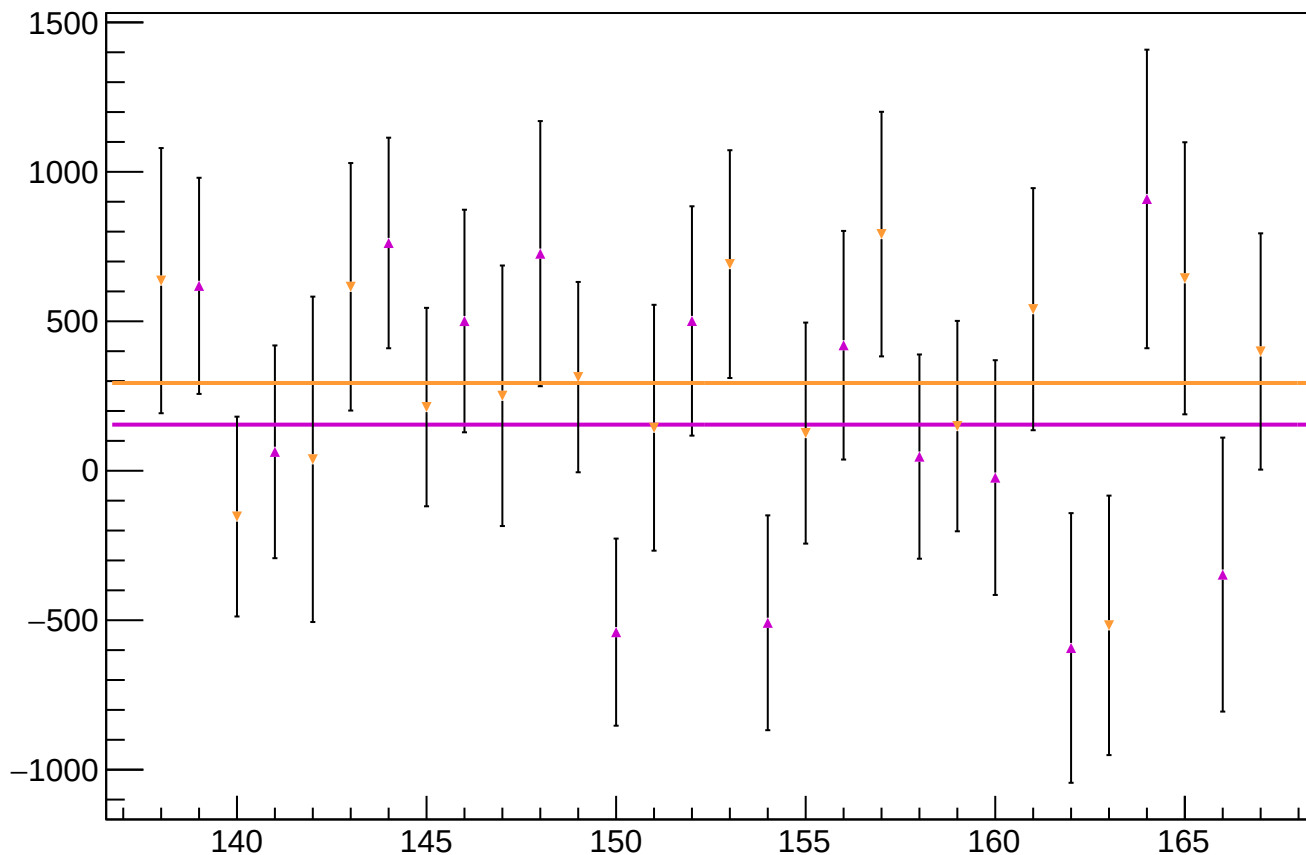
Left In: 340.791+/-0.073 χ^2/NDF : 130808.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.922+/-0.051 χ^2/NDF : 340907.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 293.639+/-97.940 χ^2/NDF :10.9/15

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

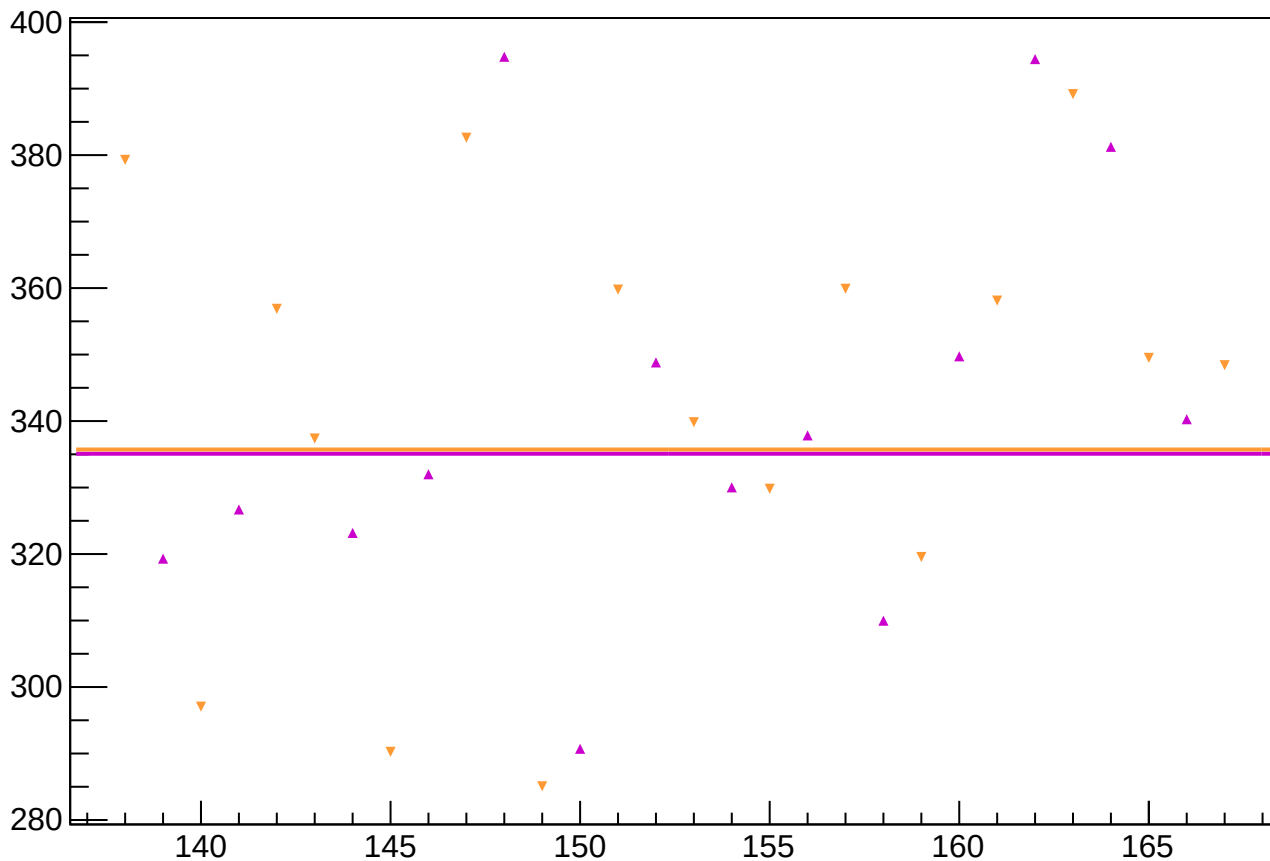
Left In: 154.292+/-101.939 χ^2/NDF :23.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.752+/-70.626 χ^2/NDF : 35.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_rms vs Slug



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

Left Out: 335.723+/-0.069 χ^2/NDF : 219558.3/15

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

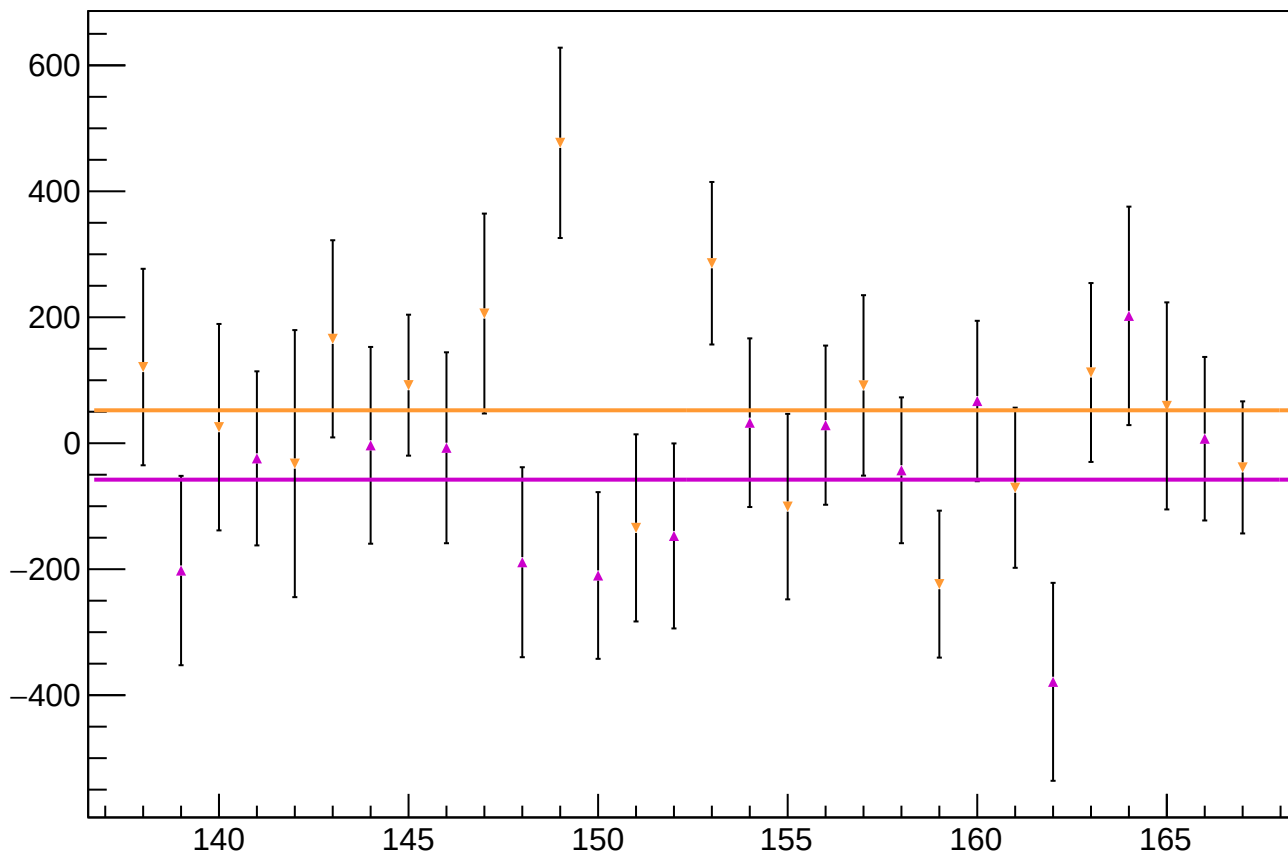
Left In: 335.087+/-0.072 χ^2/NDF : 152413.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.417+/-0.050 χ^2/NDF : 372011.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 52.289 $\pm$ 34.967 χ^2 /NDF:23.3/15

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

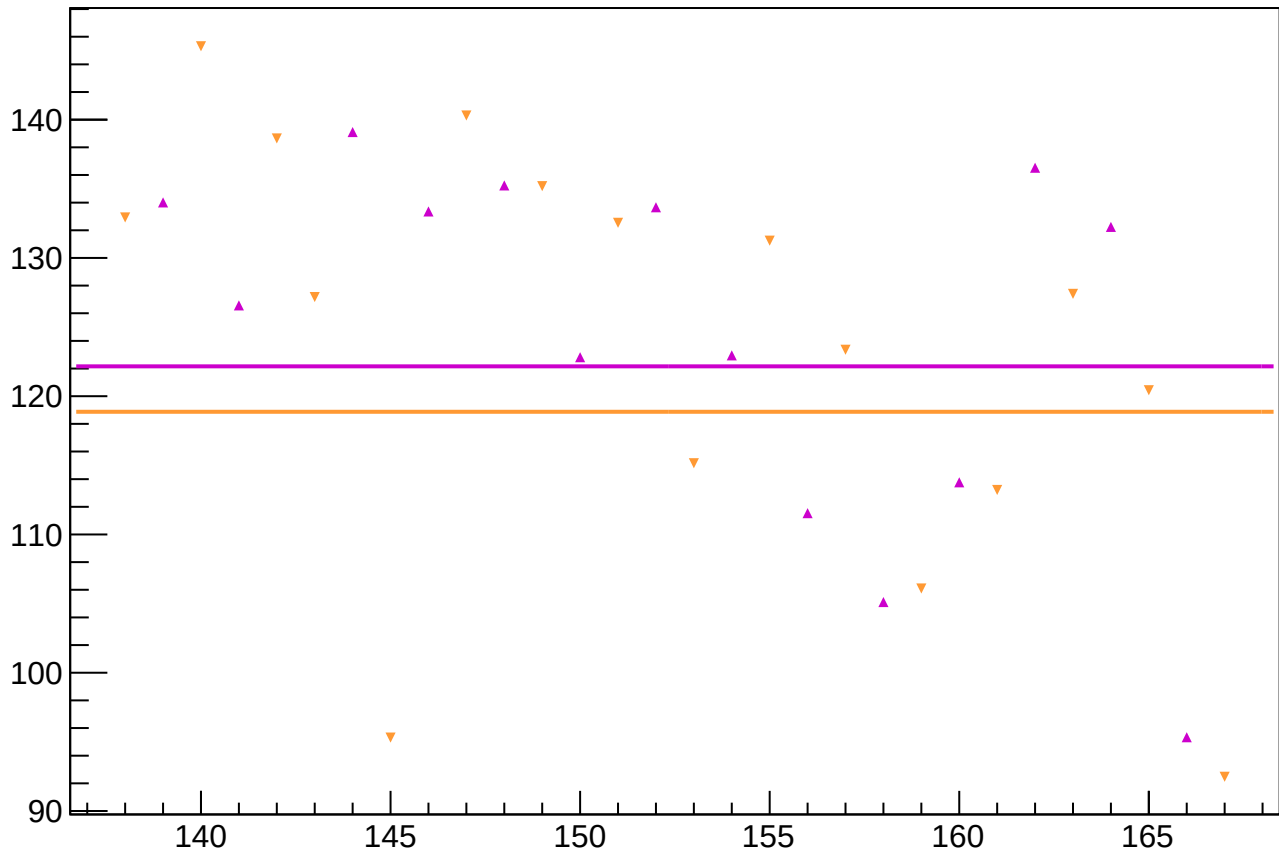
Left In: -57.822 $\pm$ 37.365 χ^2 /NDF:12.2/13

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

All: 0.879 $\pm$ 25.531 χ^2 /NDF: 40.2/29

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

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 118.874+/-0.025 χ^2/NDF : 436533.8/15

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

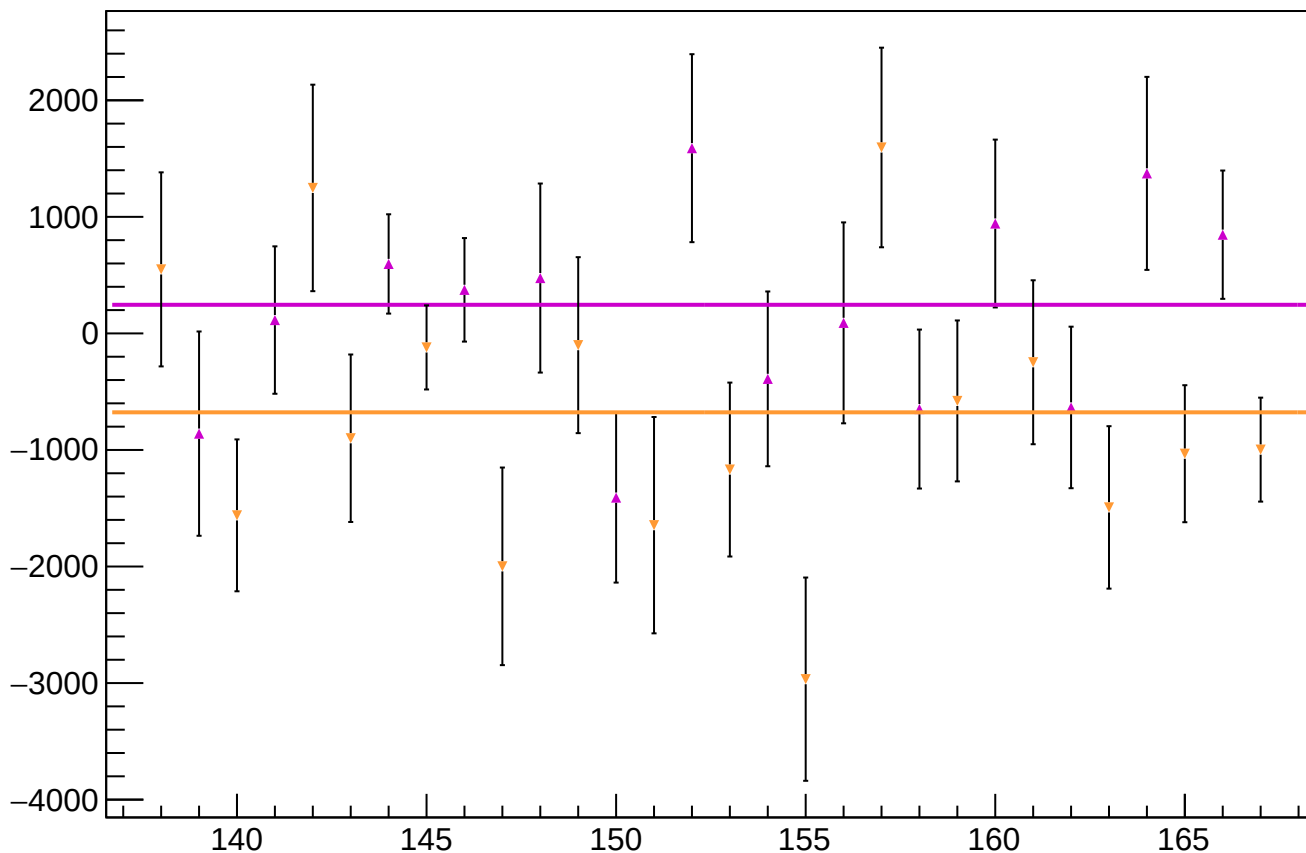
Left In: 122.160+/-0.026 χ^2/NDF : 251404.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.408+/-0.018 χ^2/NDF : 696183.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -677.086+/-163.133 χ^2/NDF : 32.3/15

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

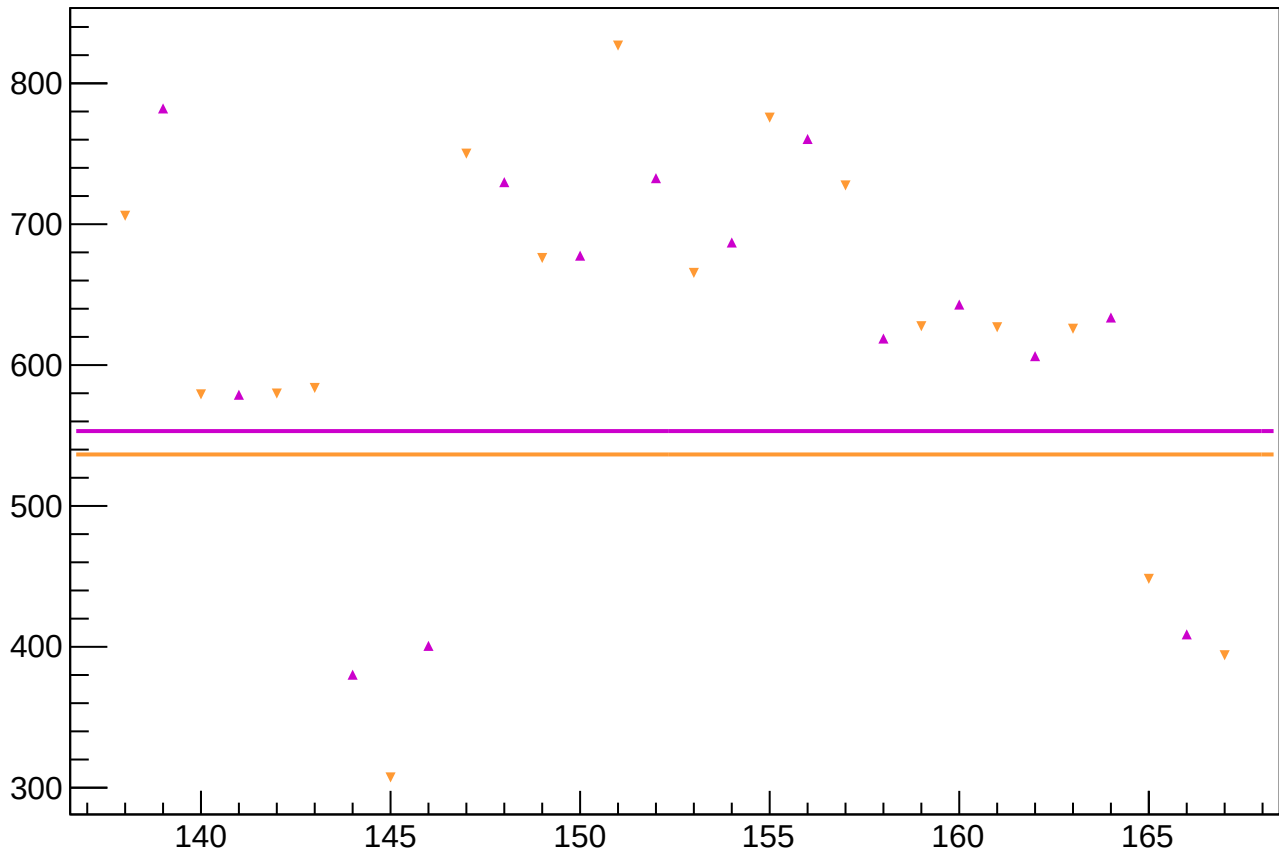
Left In: 245.442+/-173.120 χ^2/NDF : 18.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -243.198+/-118.726 χ^2/NDF : 65.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_rms vs Slug



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

Left Out: 536.553+/-0.115 χ^2/NDF :1962795.6/15

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

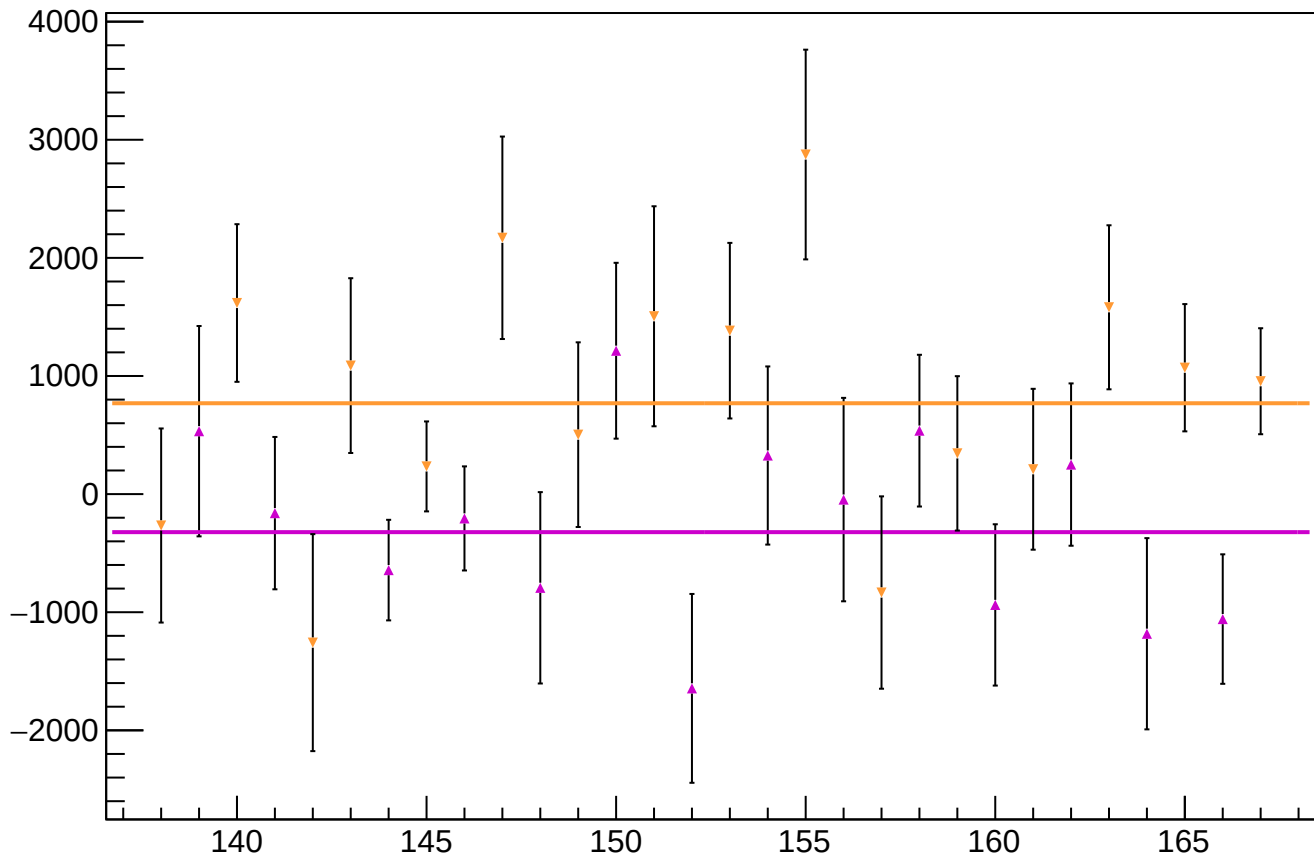
Left In: 553.150+/-0.122 χ^2/NDF :1354898.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.359+/-0.084 χ^2/NDF : 3327430.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_mean vs Slug



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

Left Out: 769.223+/-163.616 χ^2/NDF : 26.8/15

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

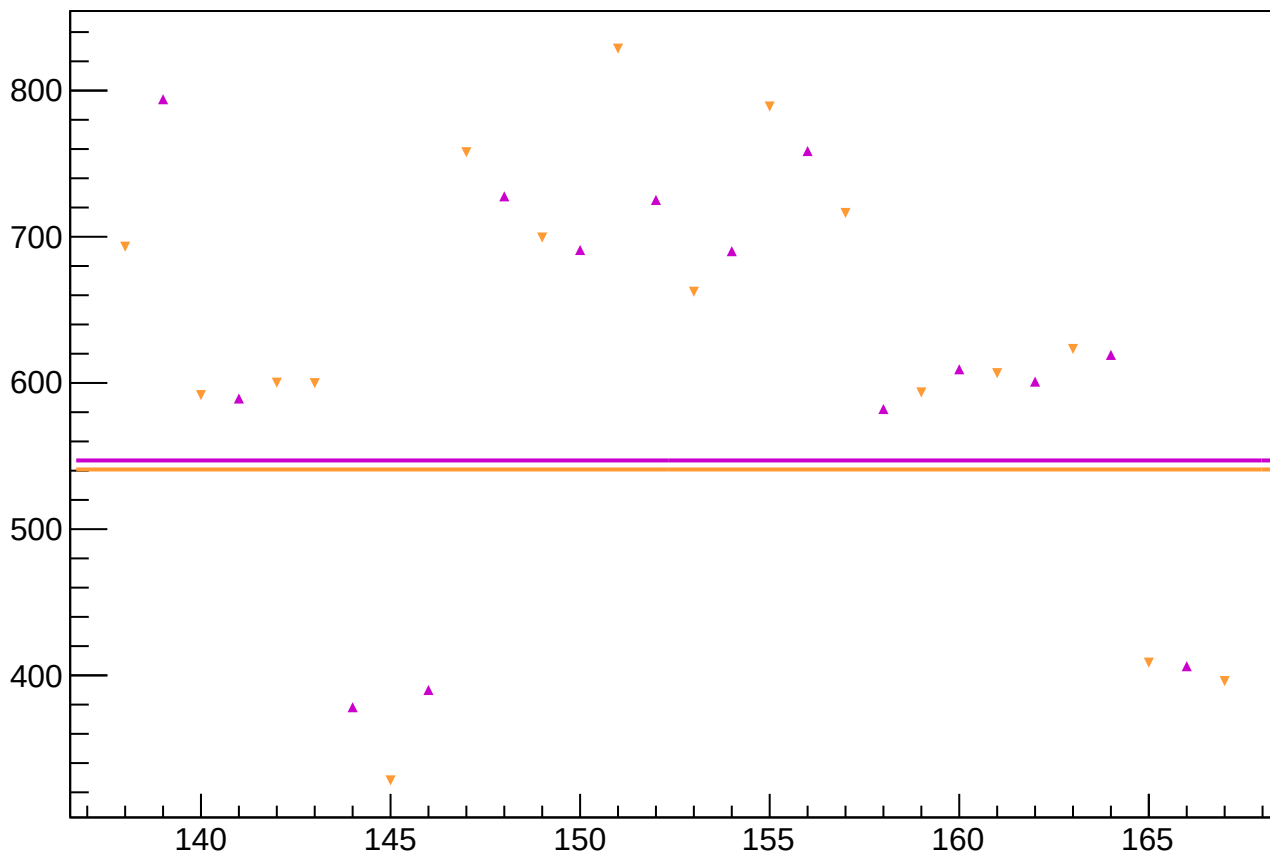
Left In: -322.118+/-171.828 χ^2/NDF : 16.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.253+/-118.491 χ^2/NDF : 64.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_rms vs Slug



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

Left Out: 540.822+/-0.116 χ^2/NDF :1817991.1/15

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

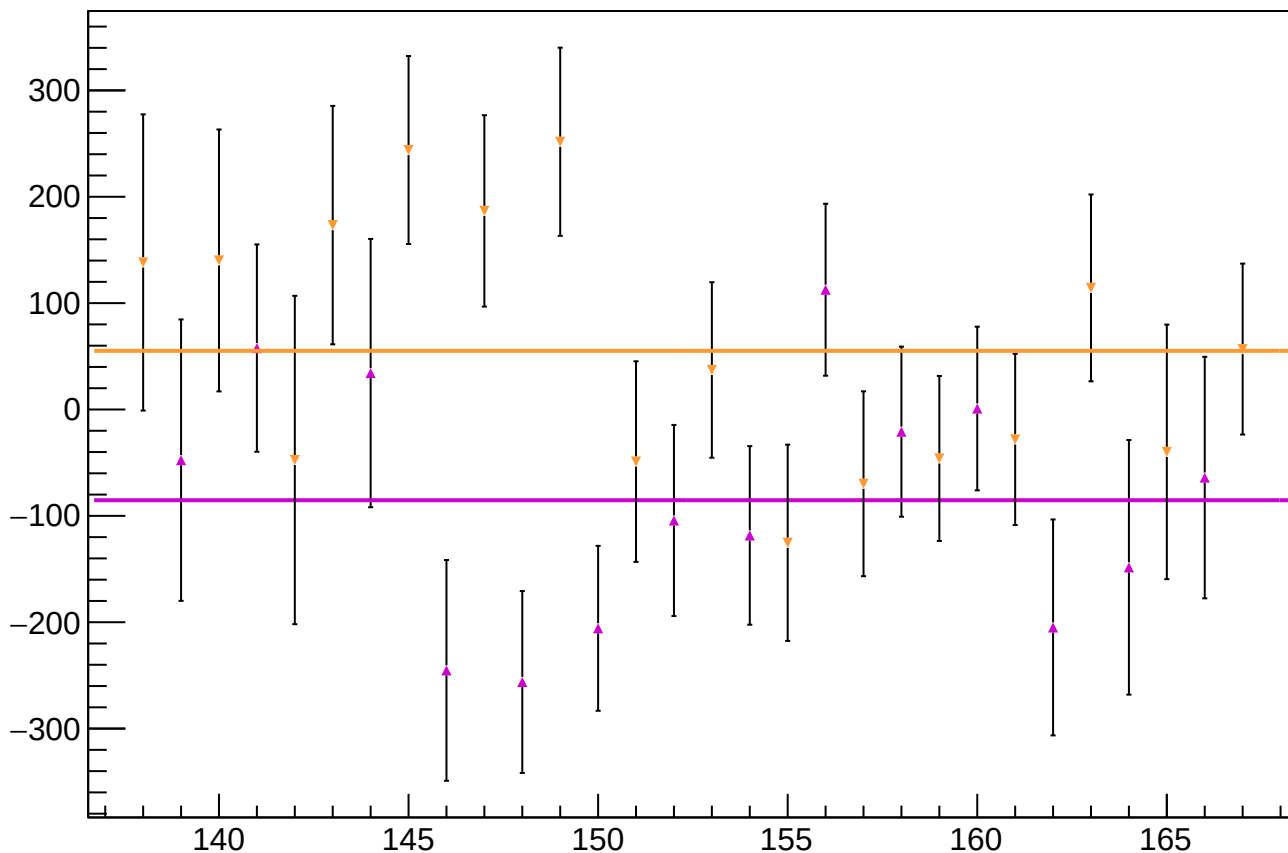
Left In: 546.996+/-0.122 χ^2/NDF :1380045.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.758+/-0.084 χ^2/NDF : 3199391.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



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

Left Out: 55.180 $\pm$ 23.554 χ^2 /NDF:25.0/15

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

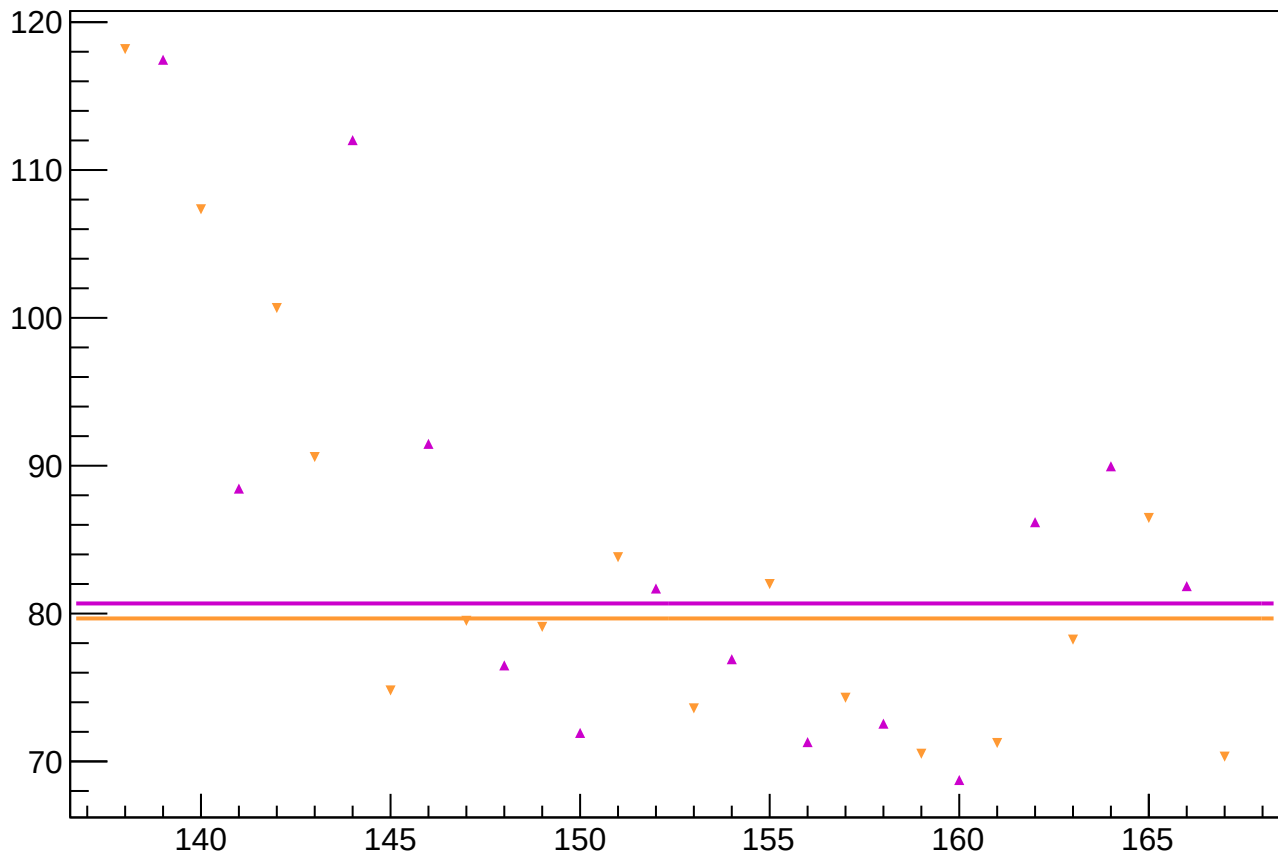
Left In: -85.306 $\pm$ 24.923 χ^2 /NDF:21.7/13

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

All: -11.097 $\pm$ 17.119 χ^2 /NDF: 63.5/29

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

dit_asym_sam_37_avg_rms vs Slug



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

Left Out: 79.669+/-0.017 χ^2/NDF :423509.1/15

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

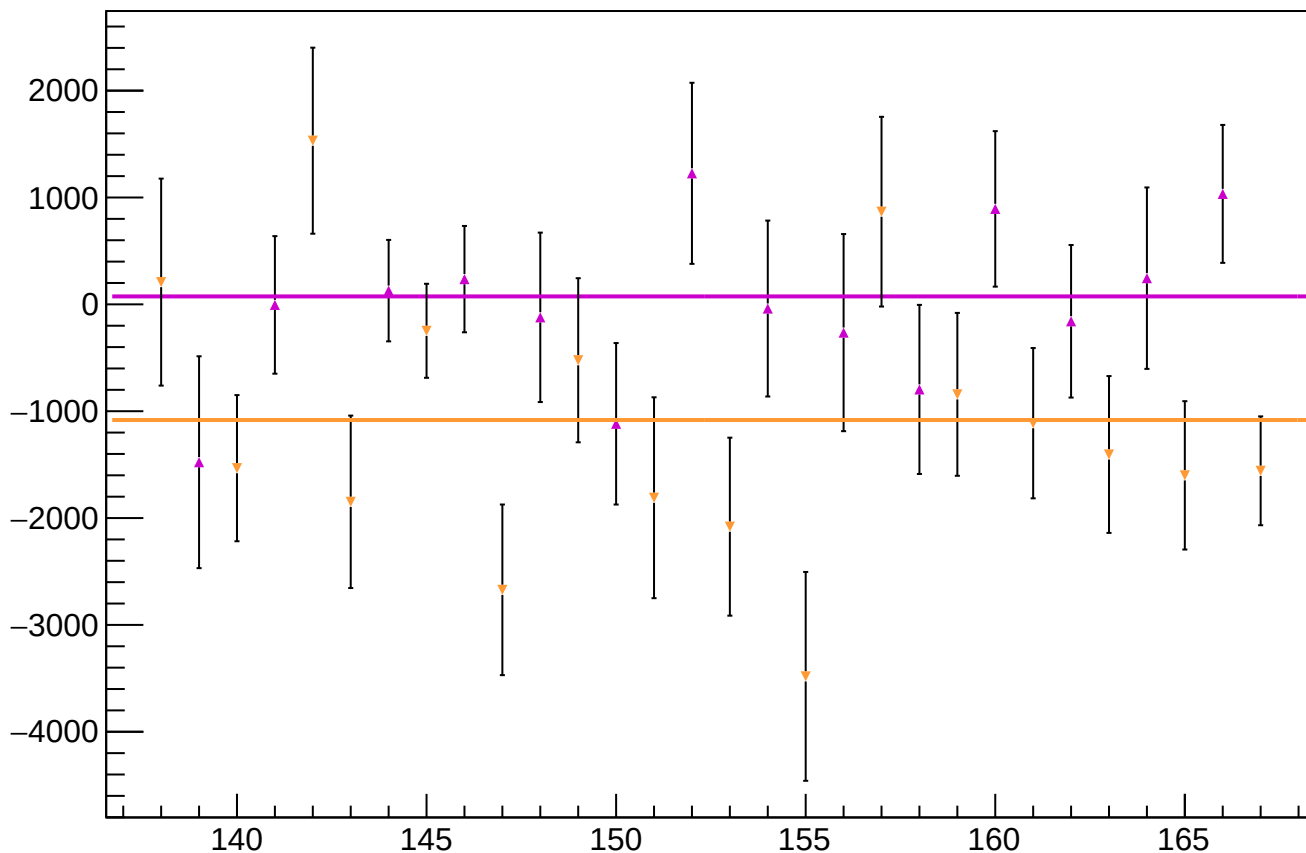
Left In: 80.684+/-0.018 χ^2/NDF :460875.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.148+/-0.012 χ^2/NDF : 886135.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_mean vs Slug



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

Left Out: -1082.419 $\pm$ 179.866 χ^2 /NDF:34.8/15

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

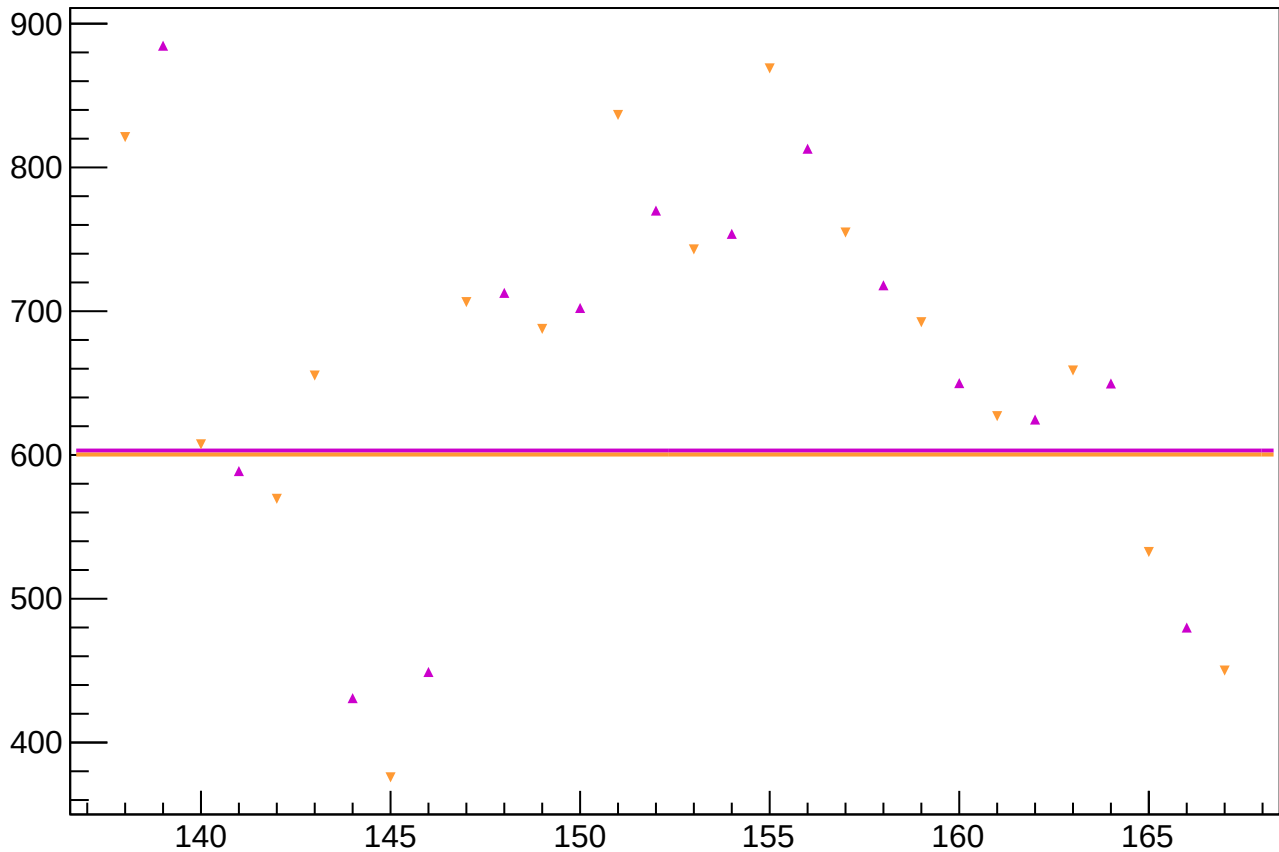
Left In: 74.376 $\pm$ 187.223 χ^2 /NDF:12.0/13

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

All: -527.195 $\pm$ 129.707 χ^2 /NDF: 66.7/29

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

asym_sam_37_avg_correction_rms vs Slug



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

Left Out: 600.296+/-0.127 χ^2/NDF :1332475.8/15

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

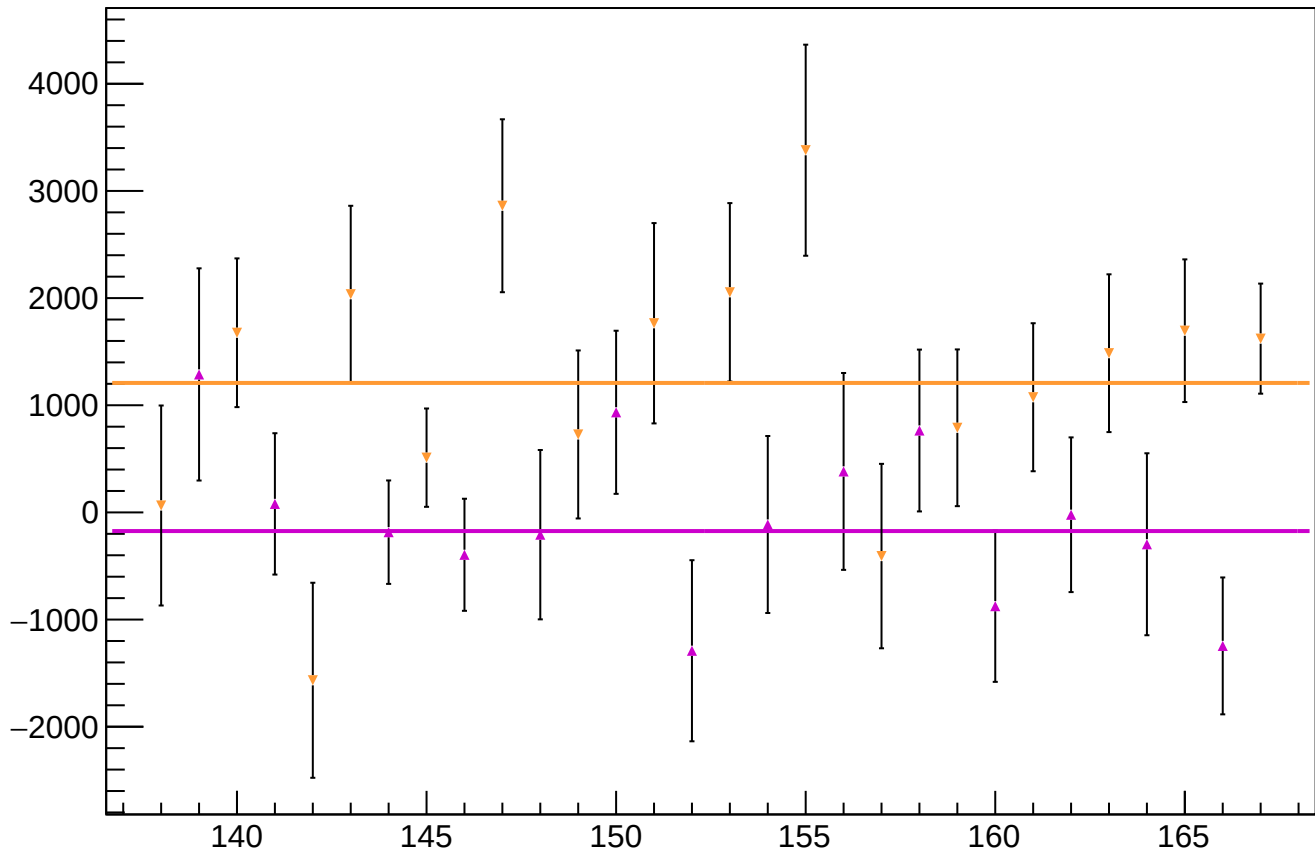
Left In: 603.070+/-0.132 χ^2/NDF :1069338.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.627+/-0.092 χ^2/NDF : 2402042.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_mean vs Slug



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

Left Out: 1208.271+/-180.660 χ^2/NDF :30.6/15

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

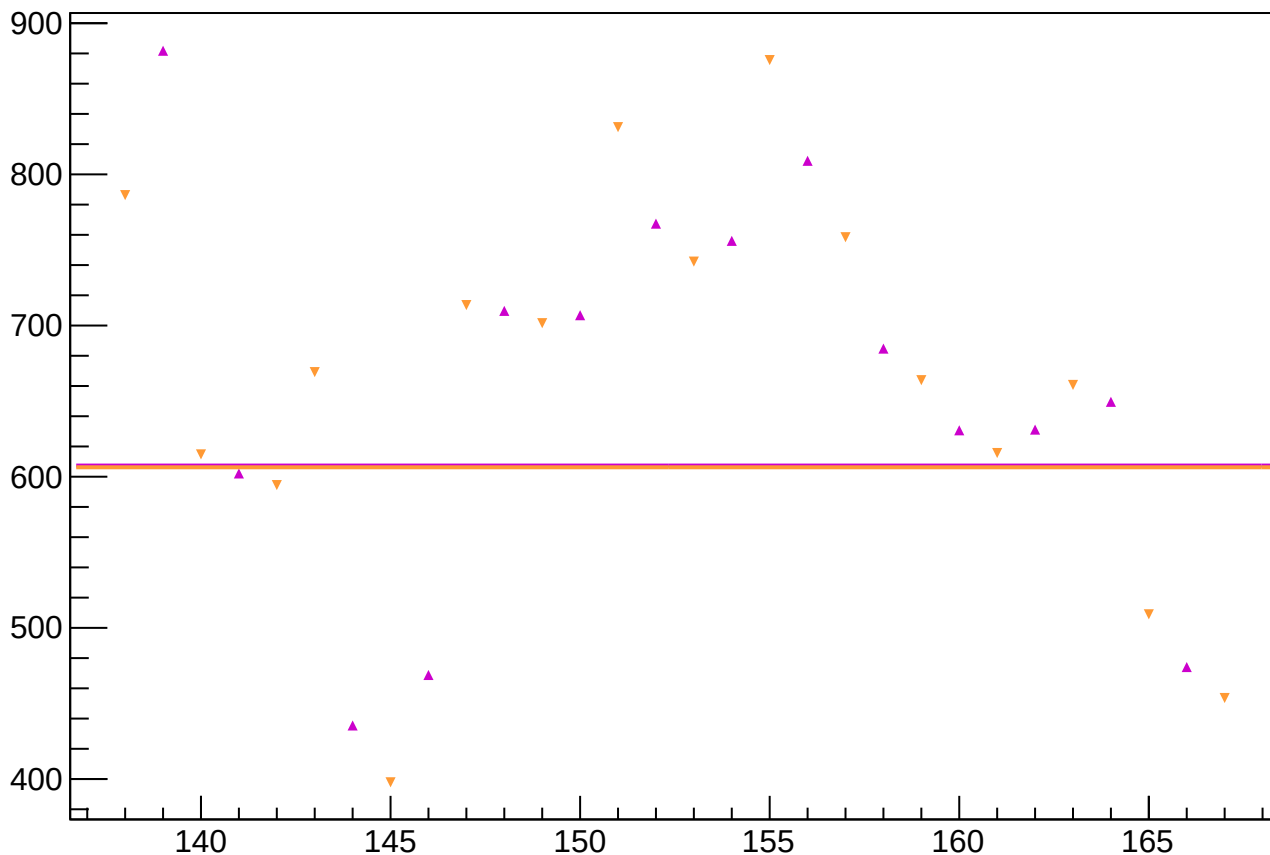
Left In: -174.077+/-188.438 χ^2/NDF :12.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.212+/-130.409 χ^2/NDF : 70.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



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

Left Out: 606.225+/-0.128 χ^2/NDF :1188686.1/15

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

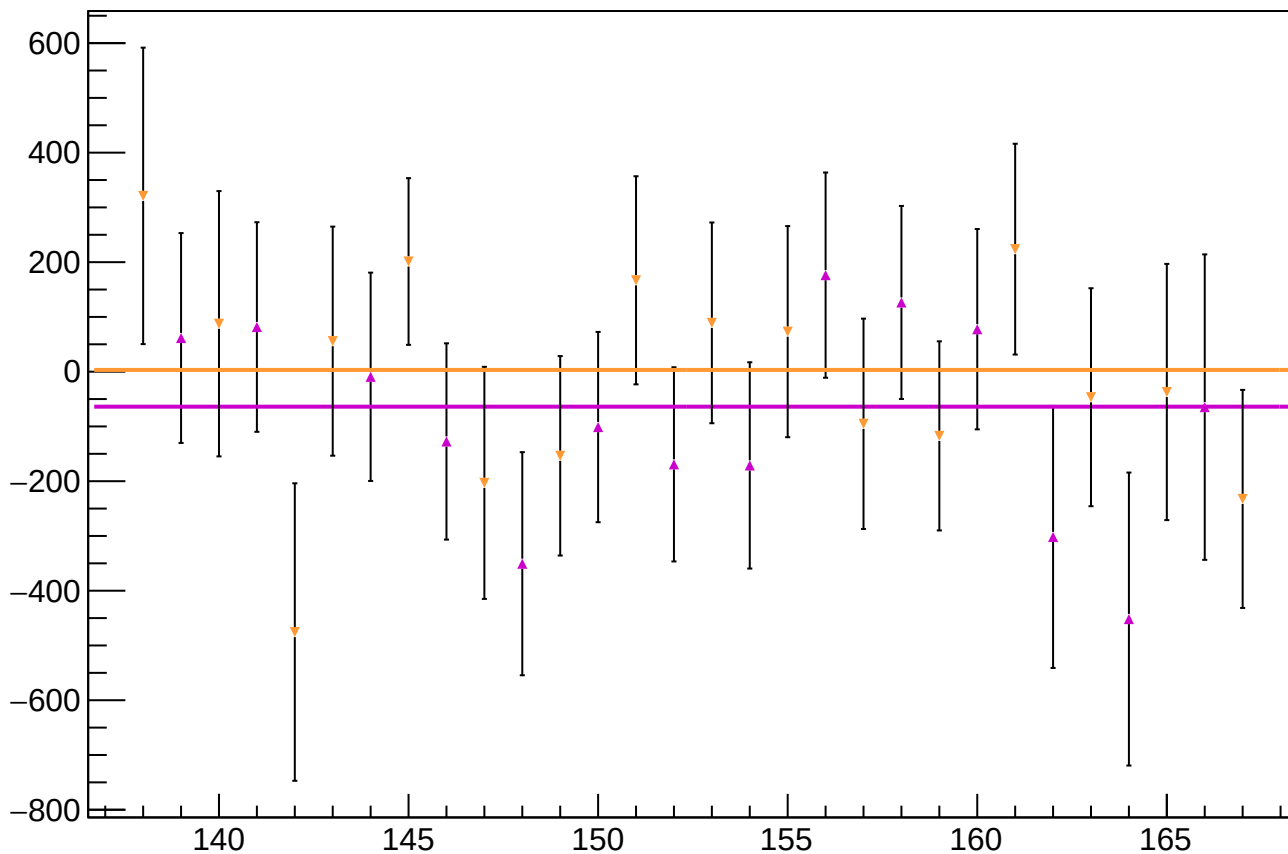
Left In: 607.366+/-0.133 χ^2/NDF :965843.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.772+/-0.092 χ^2/NDF : 2154567.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 3.186+/-49.789 χ^2/NDF :12.7/15

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

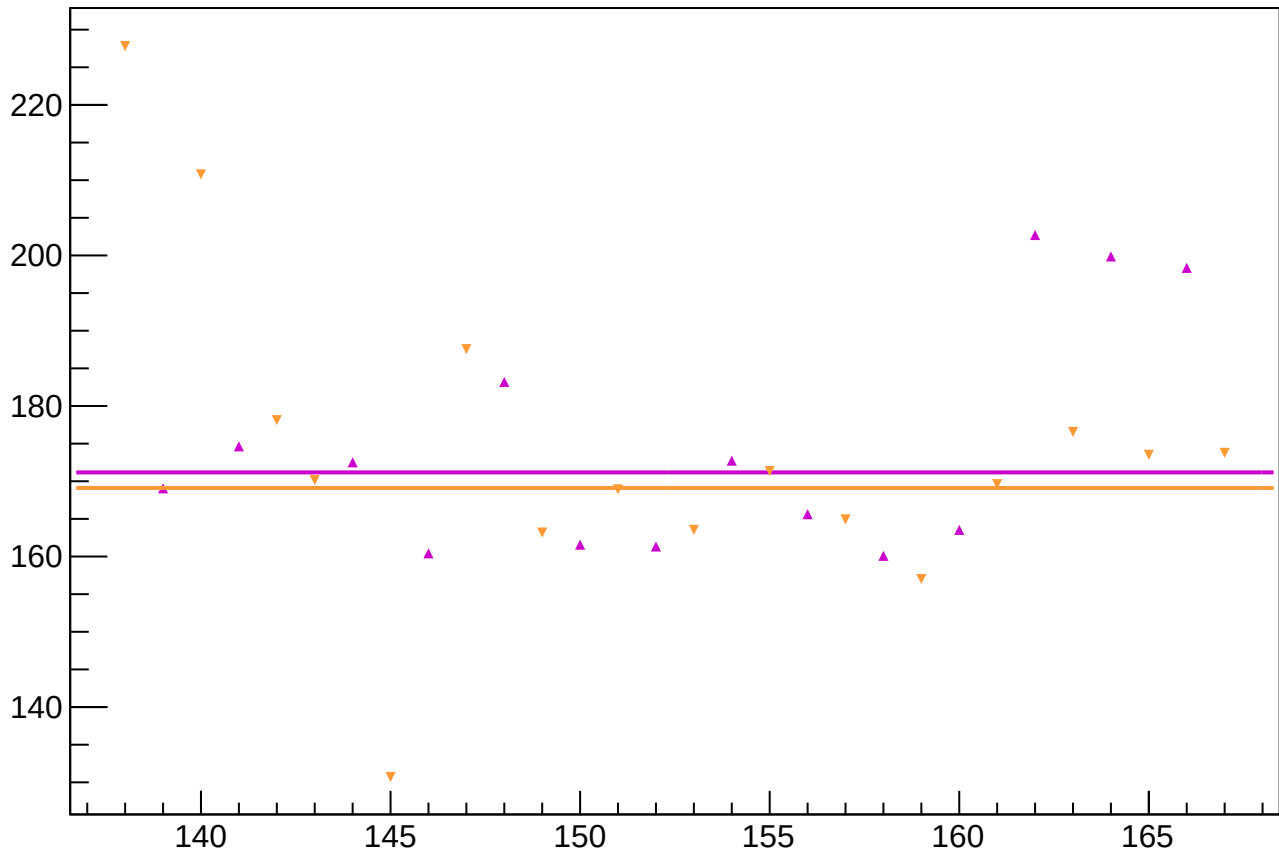
Left In: -63.892+/-52.319 χ^2/NDF :10.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.691+/-36.067 χ^2/NDF : 24.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 169.113+/-0.035 χ^2/NDF : 317488.7/15

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

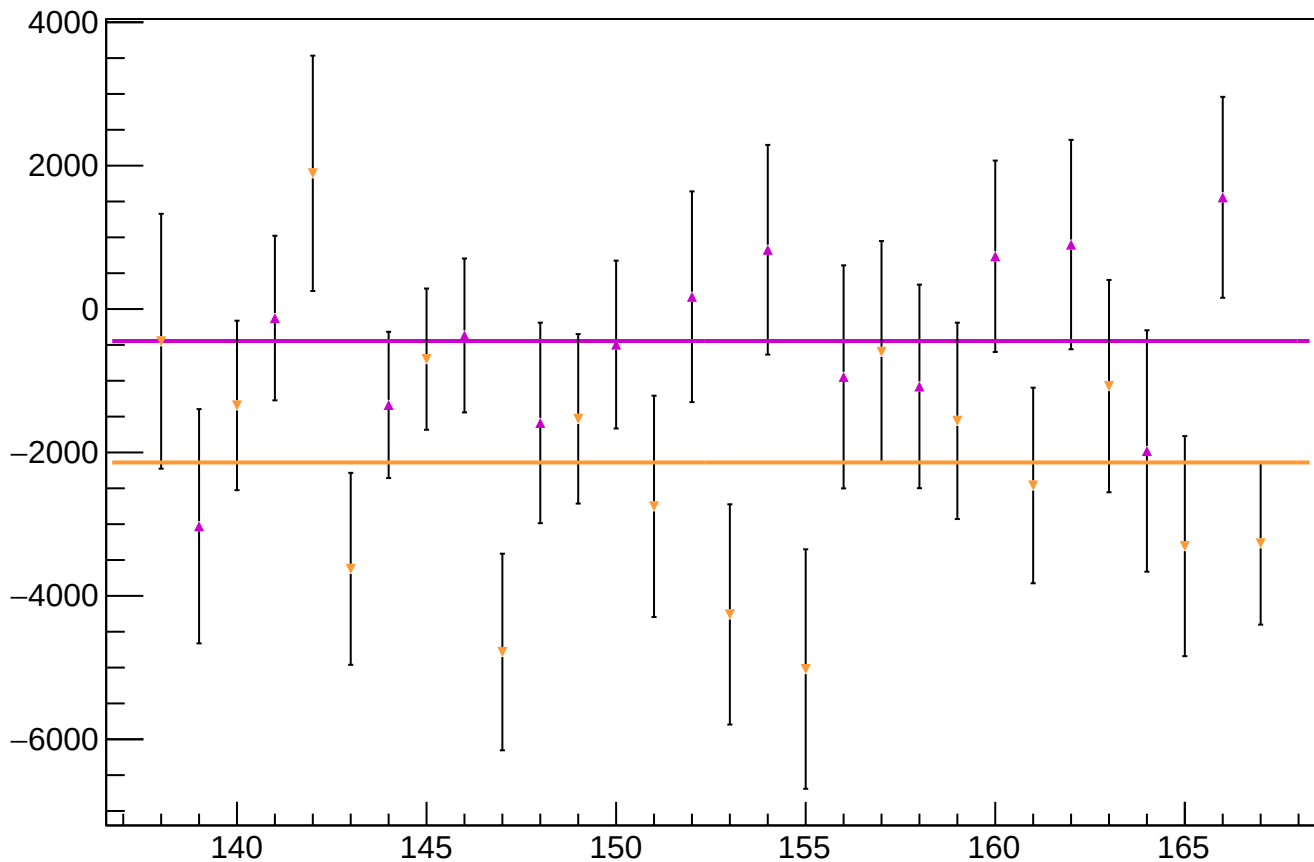
Left In: 171.177+/-0.037 χ^2/NDF : 117460.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.094+/-0.026 χ^2/NDF : 436581.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -2139.493+/-341.155 χ^2/NDF :23.1/15

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

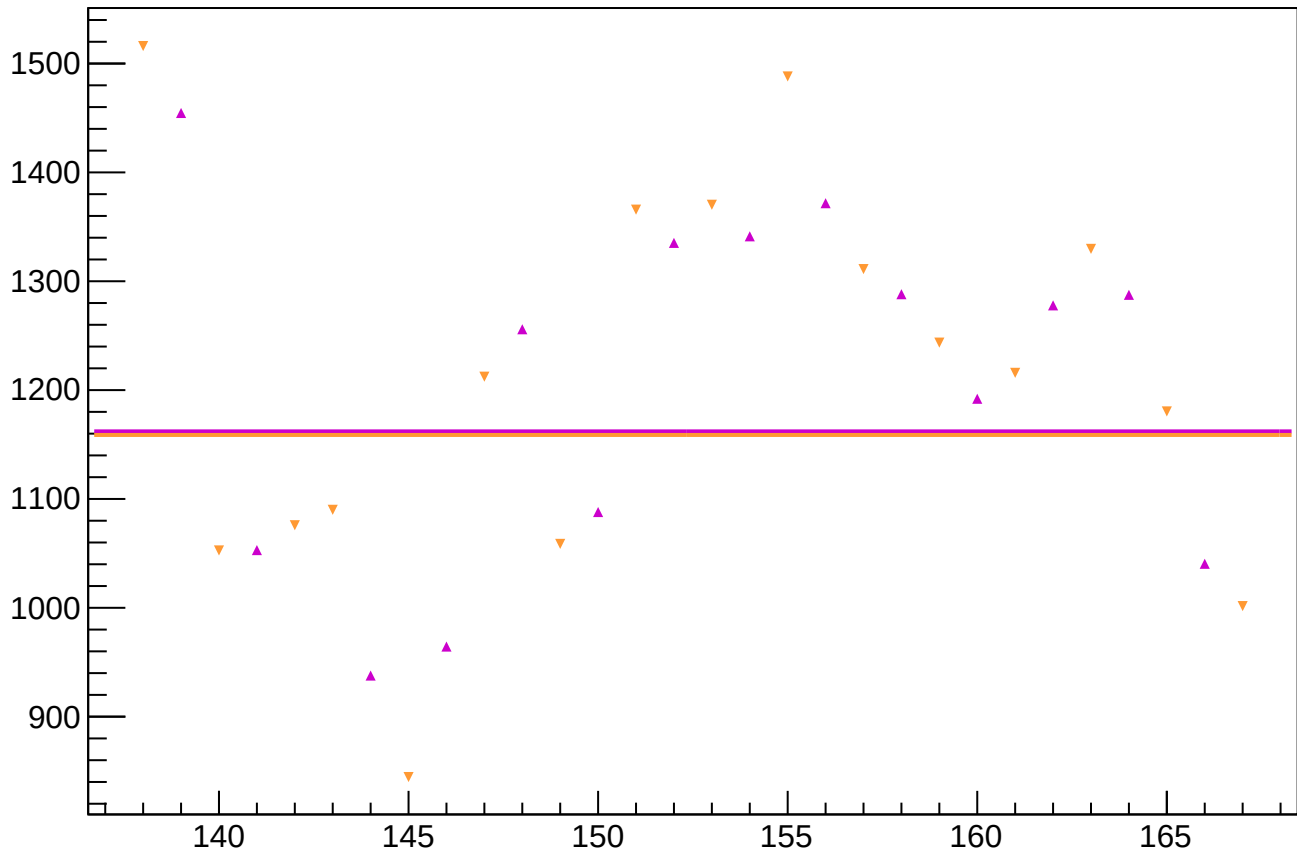
Left In: -445.716+/-354.937 χ^2/NDF :9.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1326.127+/-245.961 χ^2/NDF : 44.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_rms vs Slug



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

Left Out: 1158.800+/-0.241 χ^2/NDF : 576246.8/15

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

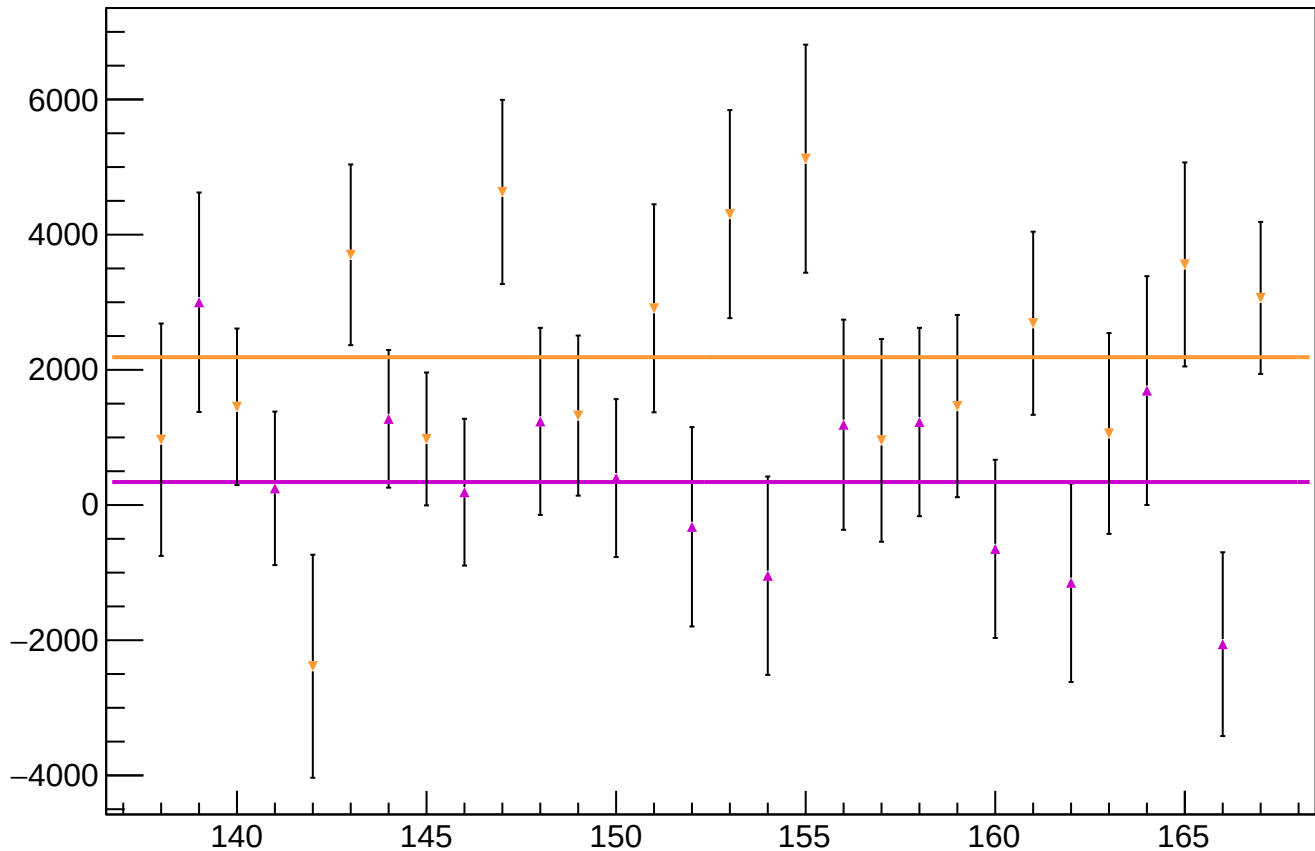
Left In: 1162.089+/-0.251 χ^2/NDF : 413470.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.379+/-0.174 χ^2/NDF : 989806.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_mean vs Slug



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

Left Out: 2187.029+/-338.715 χ^2/NDF : 23.4/15

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

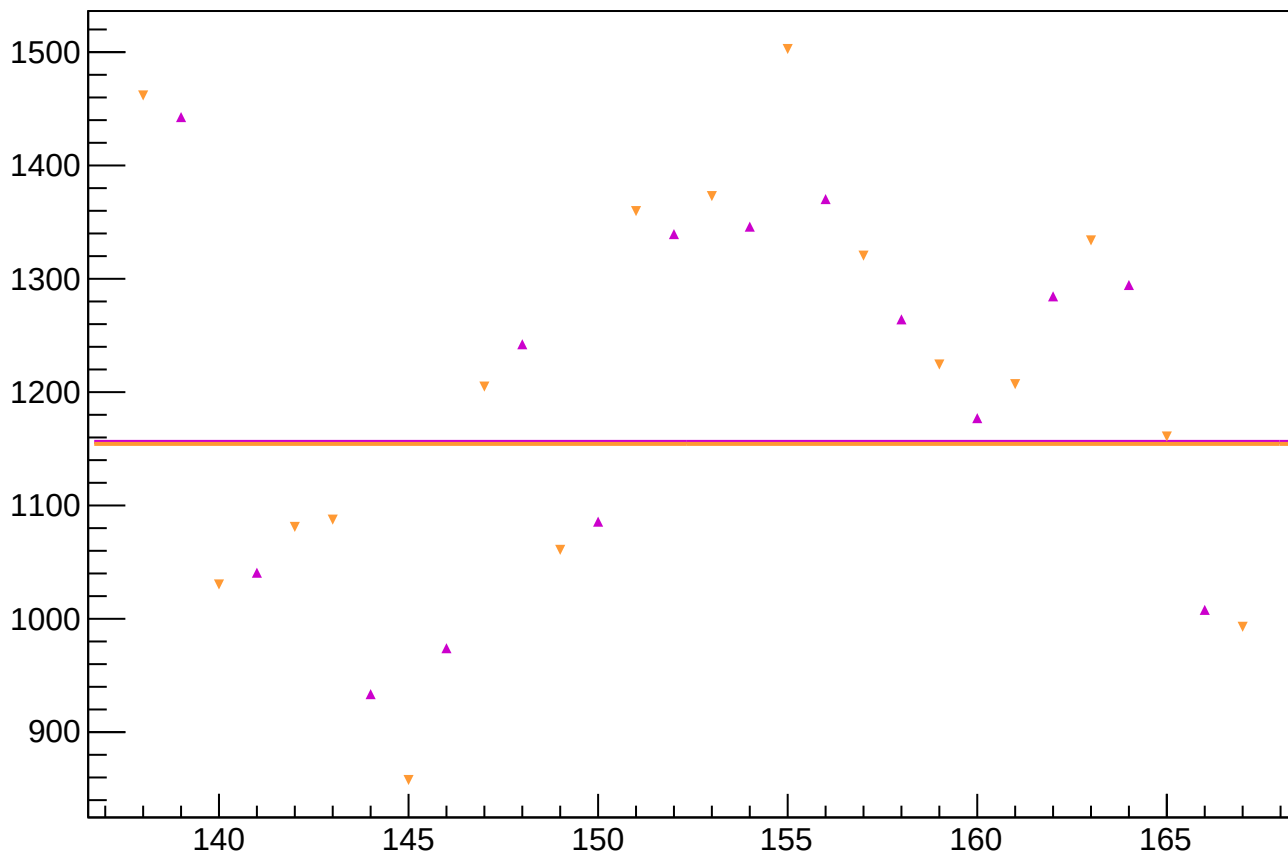
Left In: 339.918+/-353.429 χ^2/NDF : 11.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.722+/-244.544 χ^2/NDF : 48.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



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

Left Out: 1154.336+/-0.240 χ^2/NDF : 557936.0/15

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

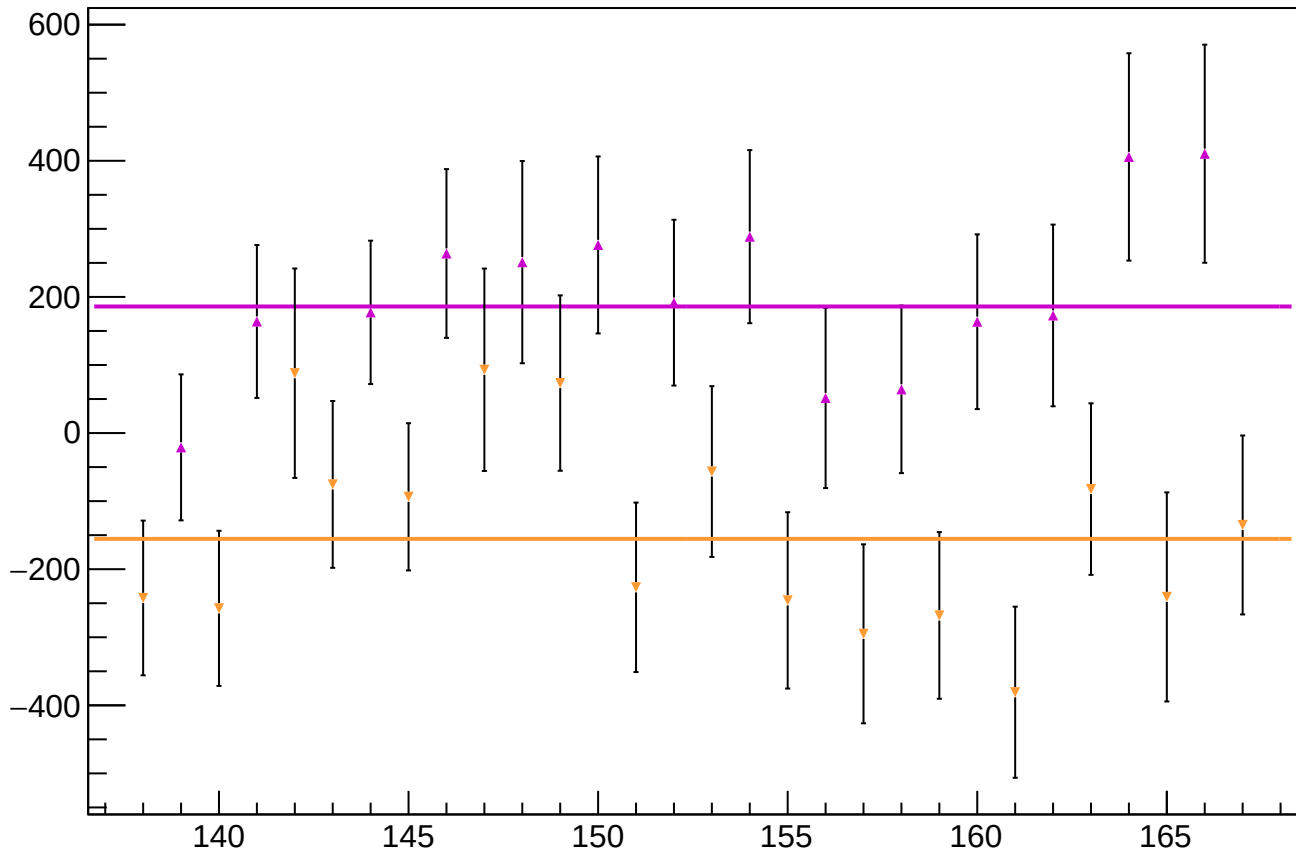
Left In: 1156.110+/-0.250 χ^2/NDF : 417241.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1155.185+/-0.173 χ^2/NDF : 975204.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -155.476+/-31.733 χ^2/NDF : 17.9/15

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

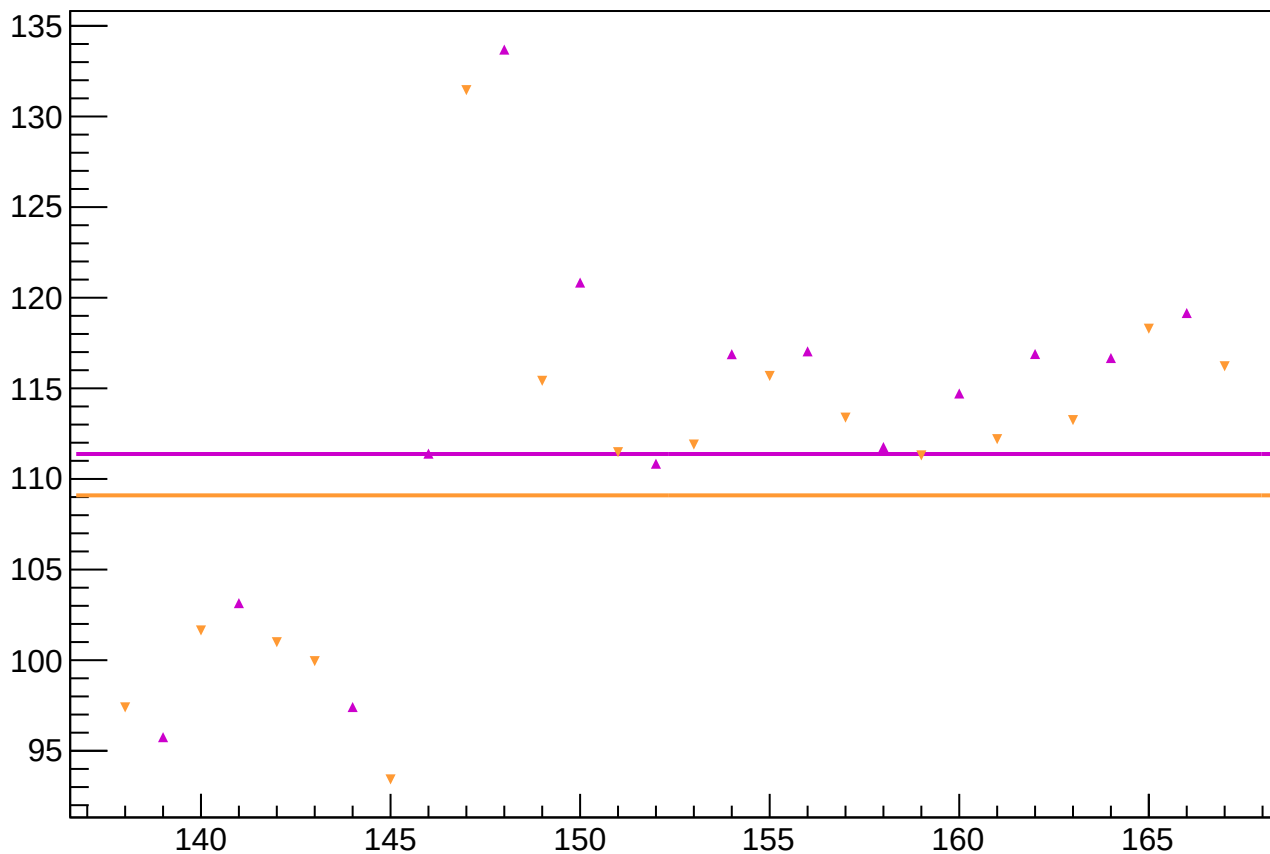
Left In: 185.951+/-33.764 χ^2/NDF : 11.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.661+/-23.123 χ^2/NDF : 83.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 109.095+/-0.022 χ^2/NDF : 164617.8/15

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

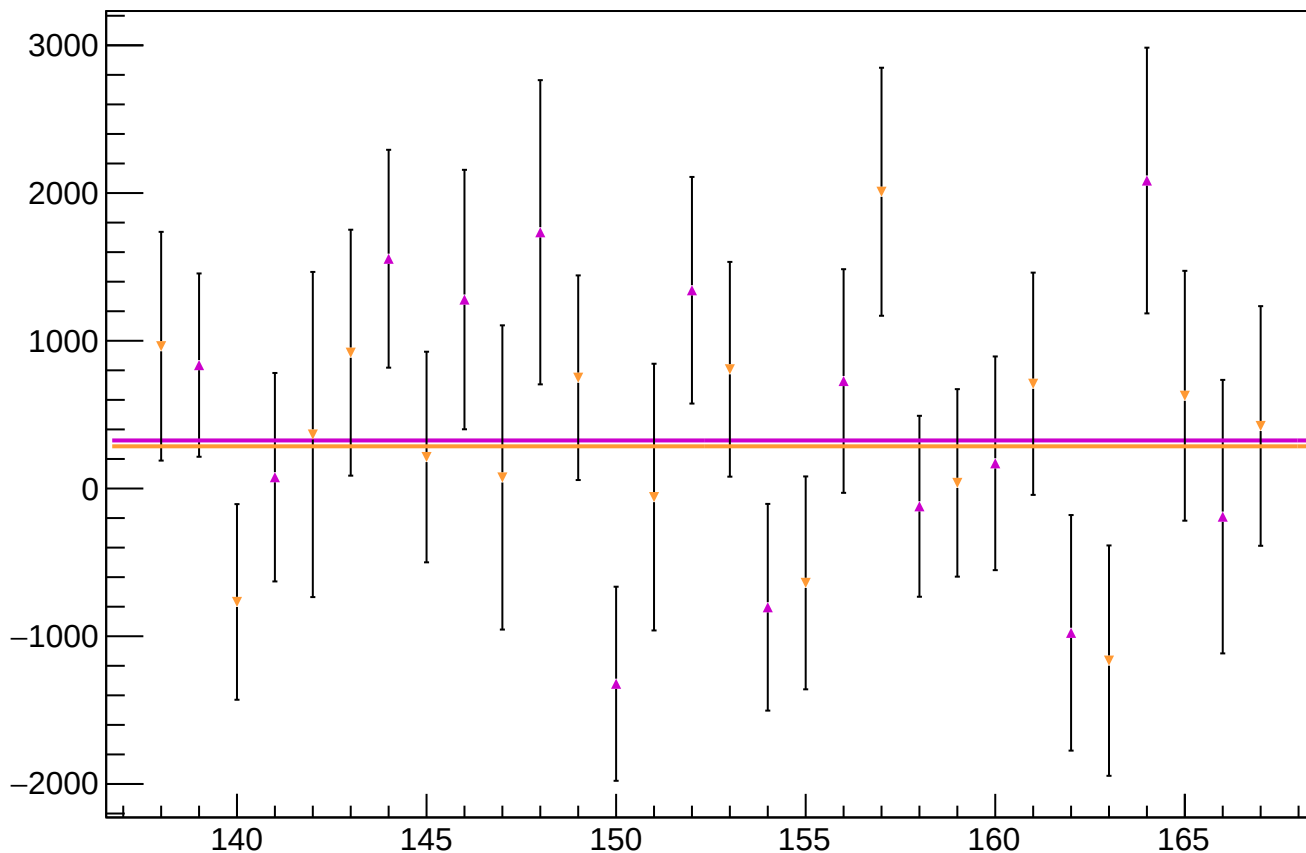
Left In: 111.377+/-0.024 χ^2/NDF : 163422.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.165+/-0.016 χ^2/NDF : 332891.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 285.628 $\pm$ 194.282 χ^2 /NDF:15.0/15

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

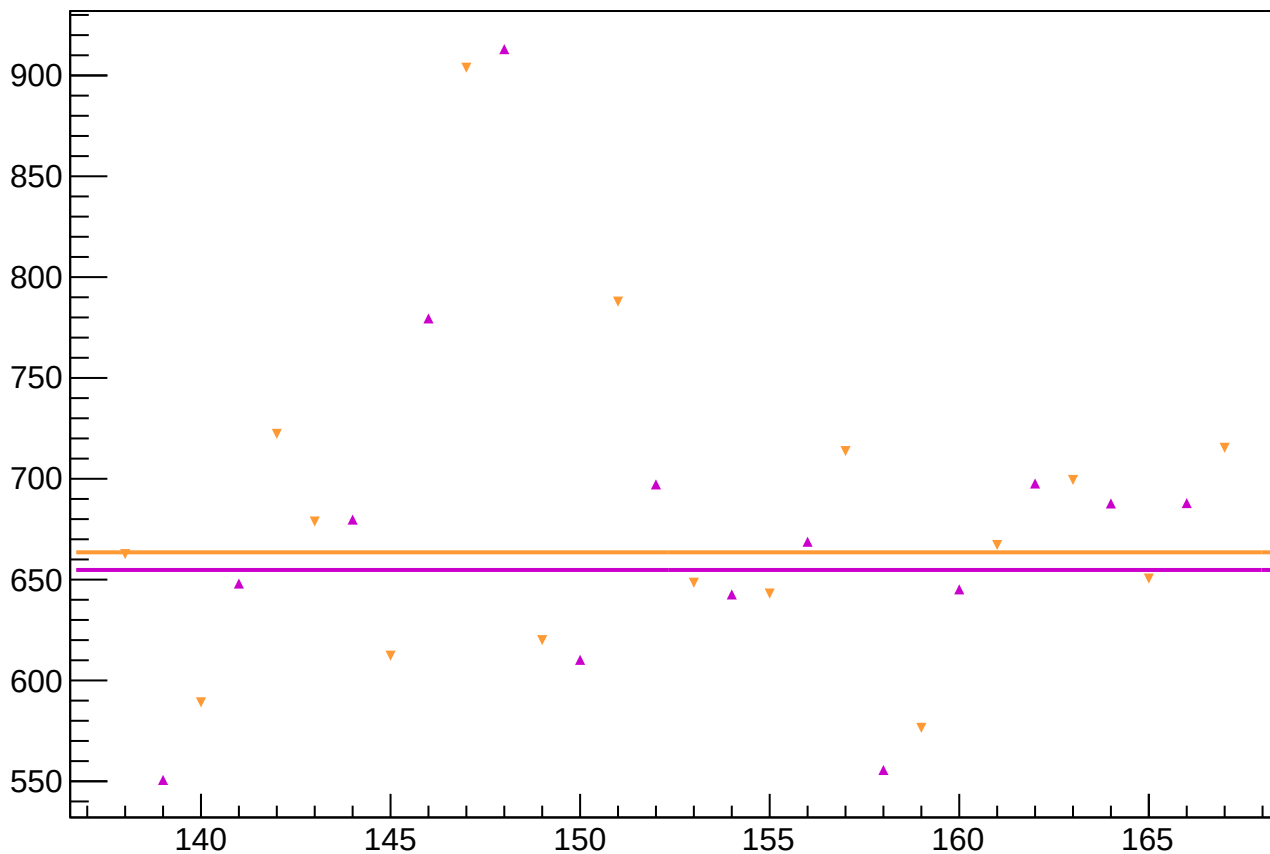
Left In: 325.403 $\pm$ 199.816 χ^2 /NDF:24.9/13

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

All: 304.957 $\pm$ 139.293 χ^2 /NDF: 40.0/29

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

asym_sam_15_dd_correction_rms vs Slug



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

Left Out: 663.536+/-0.137 χ^2/NDF : 256911.1/15

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

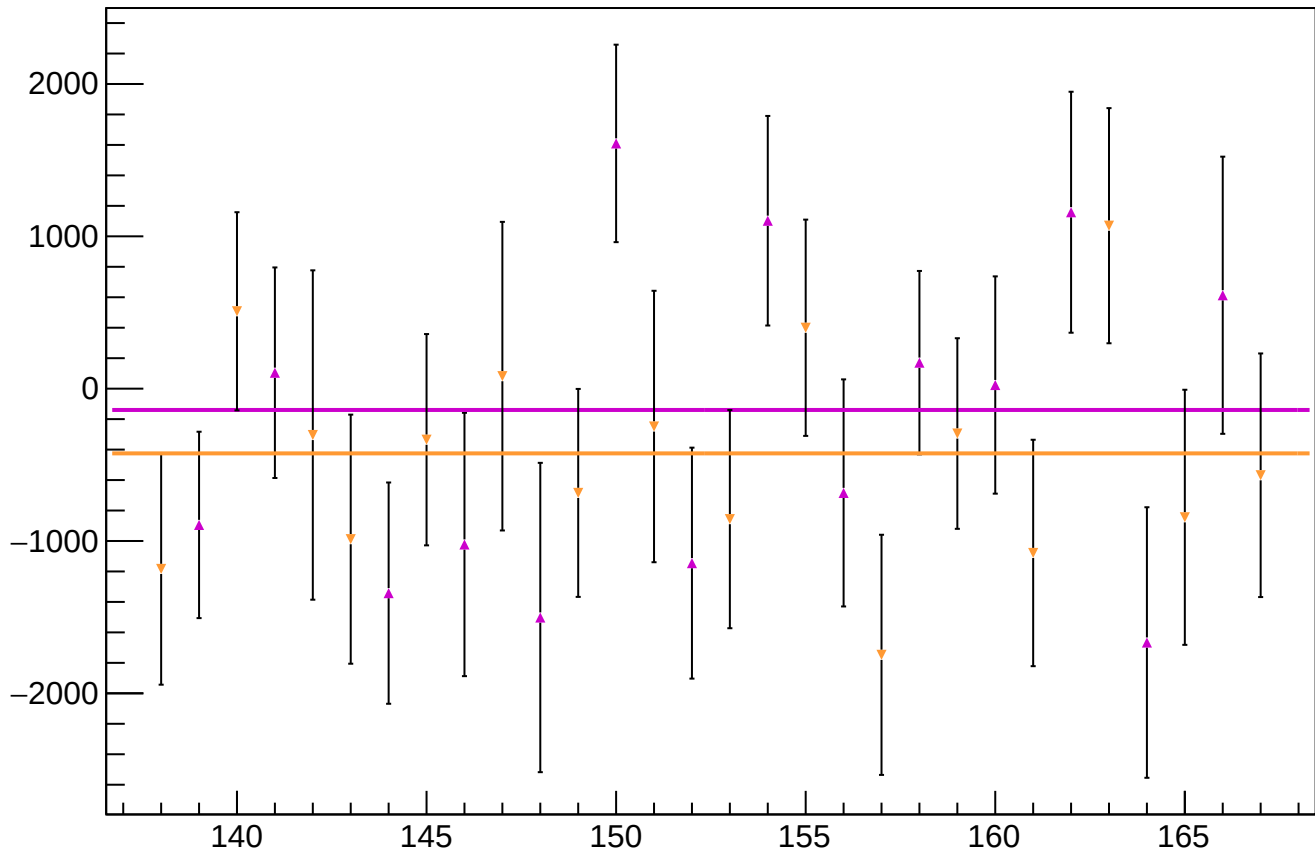
Left In: 654.788+/-0.141 χ^2/NDF : 305463.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.285+/-0.098 χ^2/NDF : 564345.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -424.884 $\pm$ 190.746 χ^2 /NDF:13.4/15

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

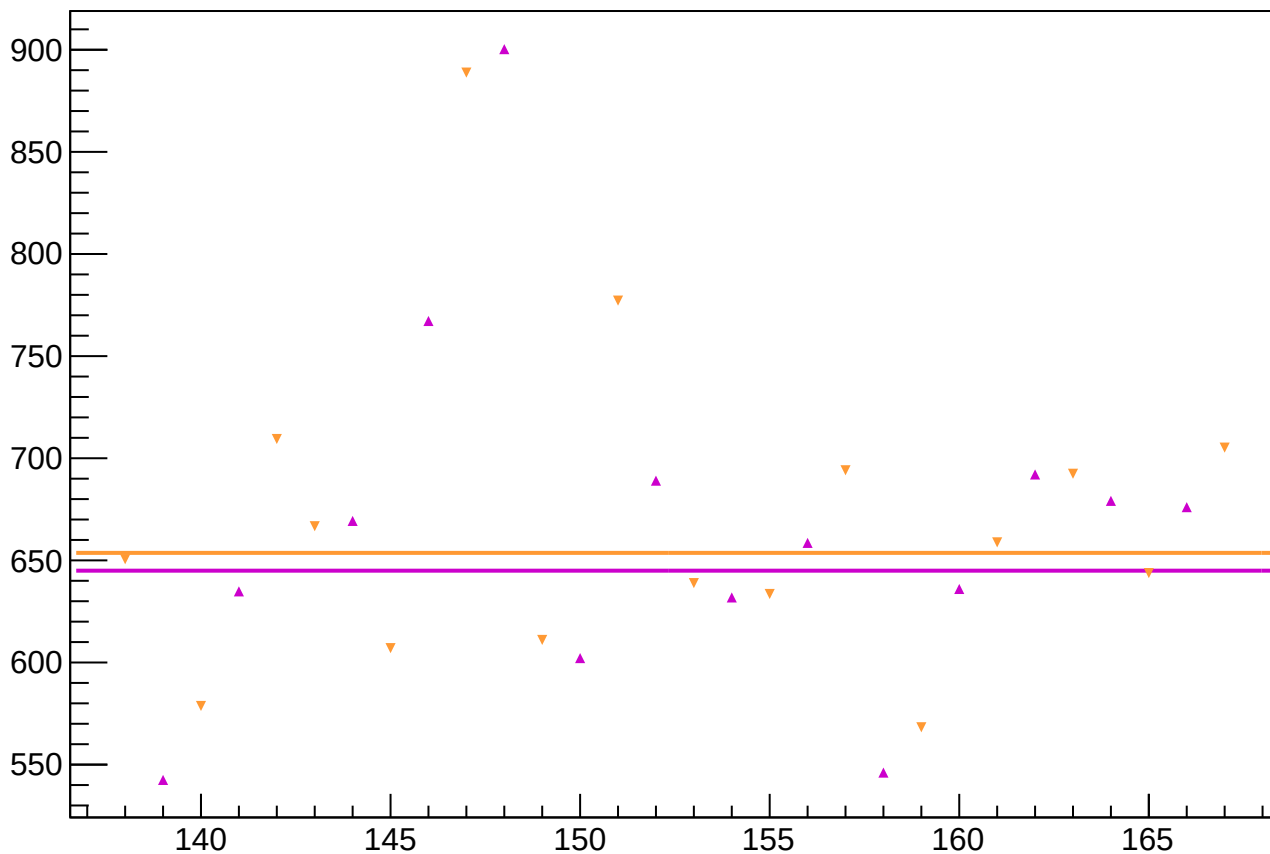
Left In: -139.834 $\pm$ 196.862 χ^2 /NDF:26.7/13

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

All: -286.855 $\pm$ 136.989 χ^2 /NDF: 41.2/29

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

asym_sam_15_dd_rms vs Slug



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

Left Out: 653.672+/-0.135 χ^2/NDF : 254175.7/15

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

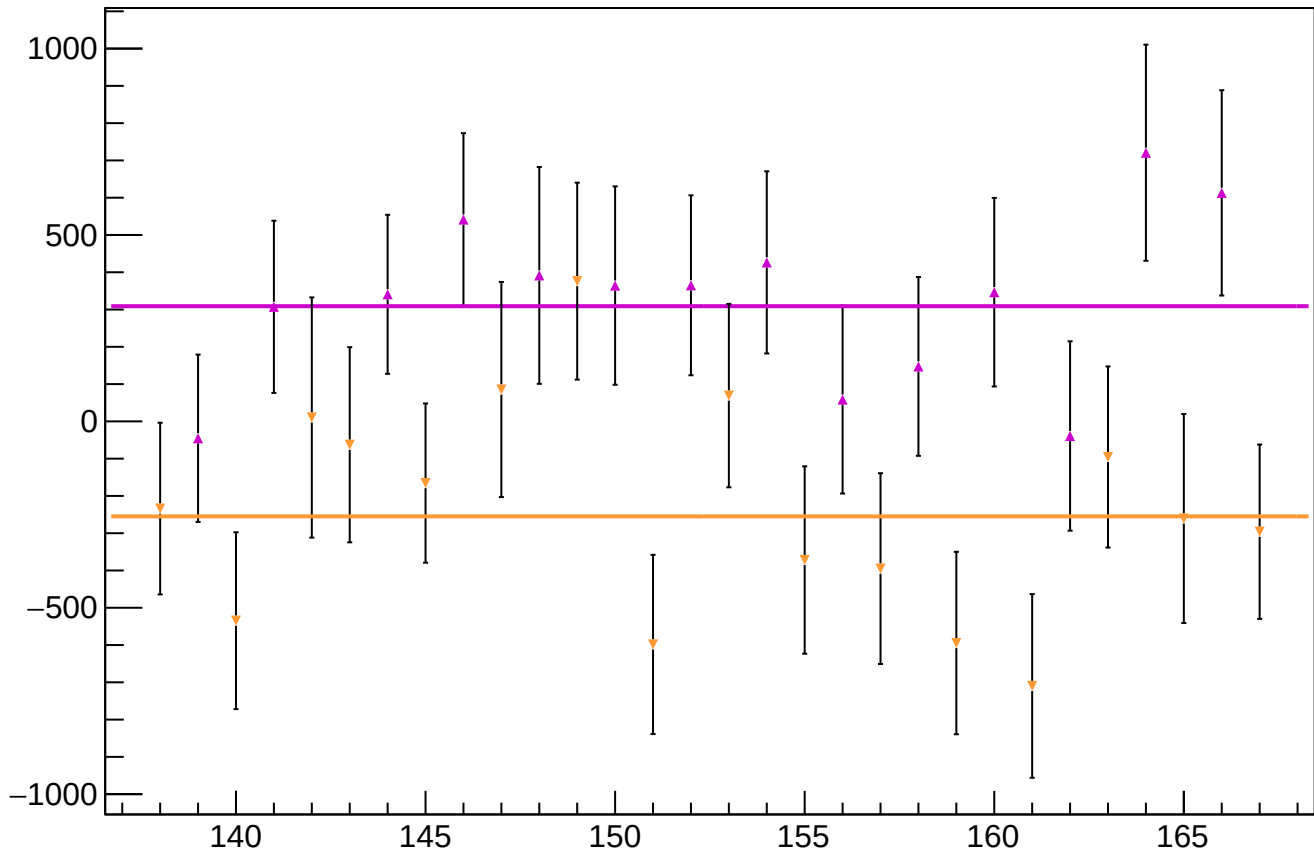
Left In: 644.959+/-0.139 χ^2/NDF : 308783.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.453+/-0.097 χ^2/NDF : 564980.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -254.894+/-62.599 χ^2/NDF : 20.0/15

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

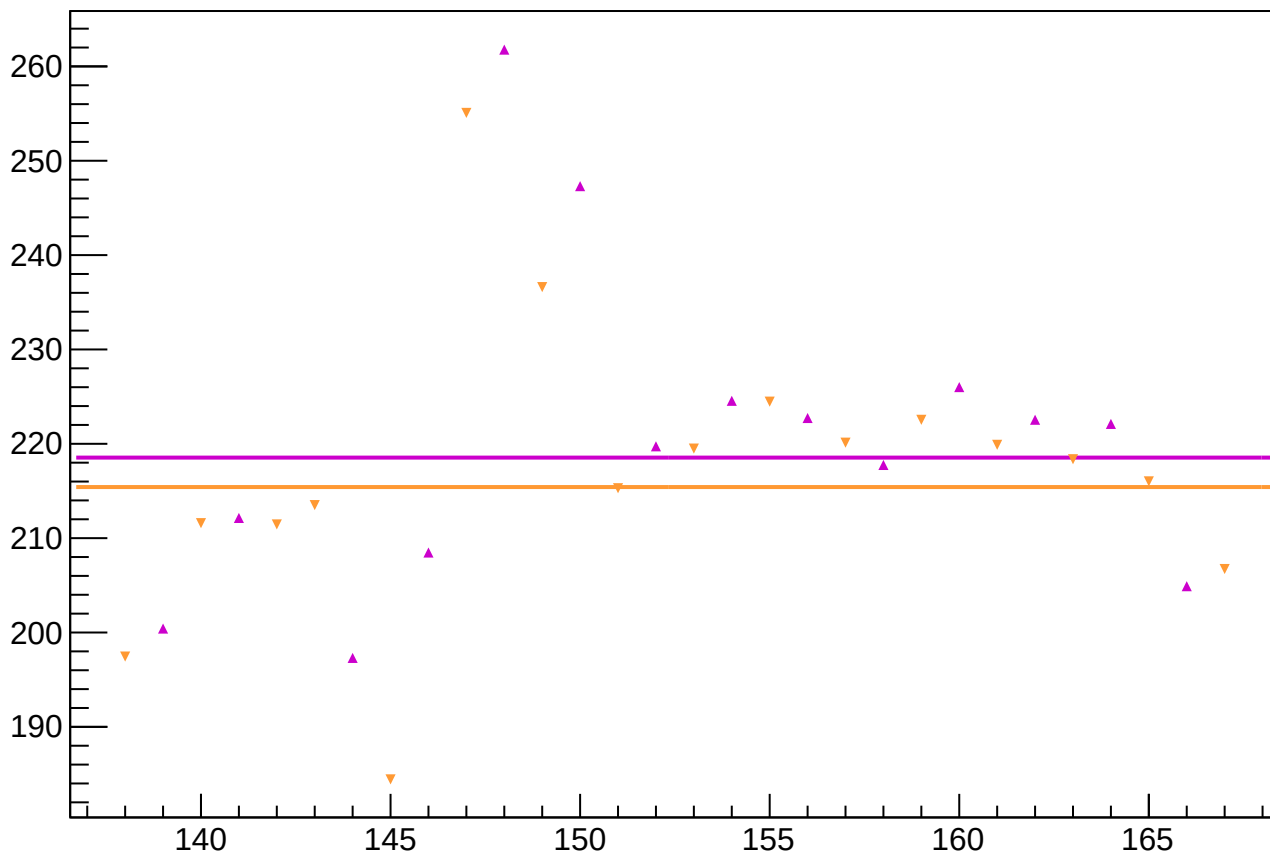
Left In: 308.978+/-66.168 χ^2/NDF : 10.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.423+/-45.473 χ^2/NDF : 68.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 215.416+/-0.044 χ^2/NDF : 115071.9/15

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

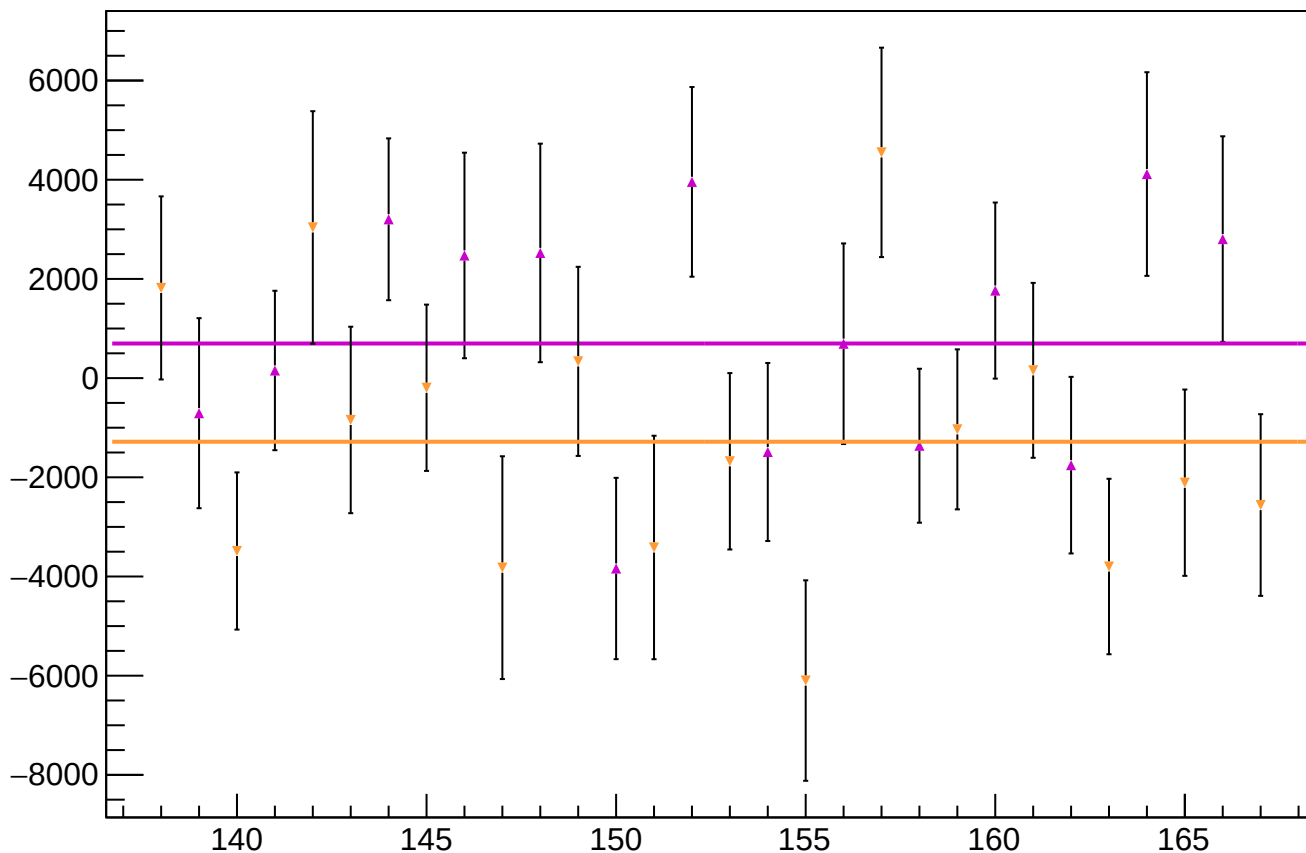
Left In: 218.538+/-0.047 χ^2/NDF : 115030.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.890+/-0.032 χ^2/NDF : 232451.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -1282.844+/-467.523 χ^2/NDF : 28.3/15

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

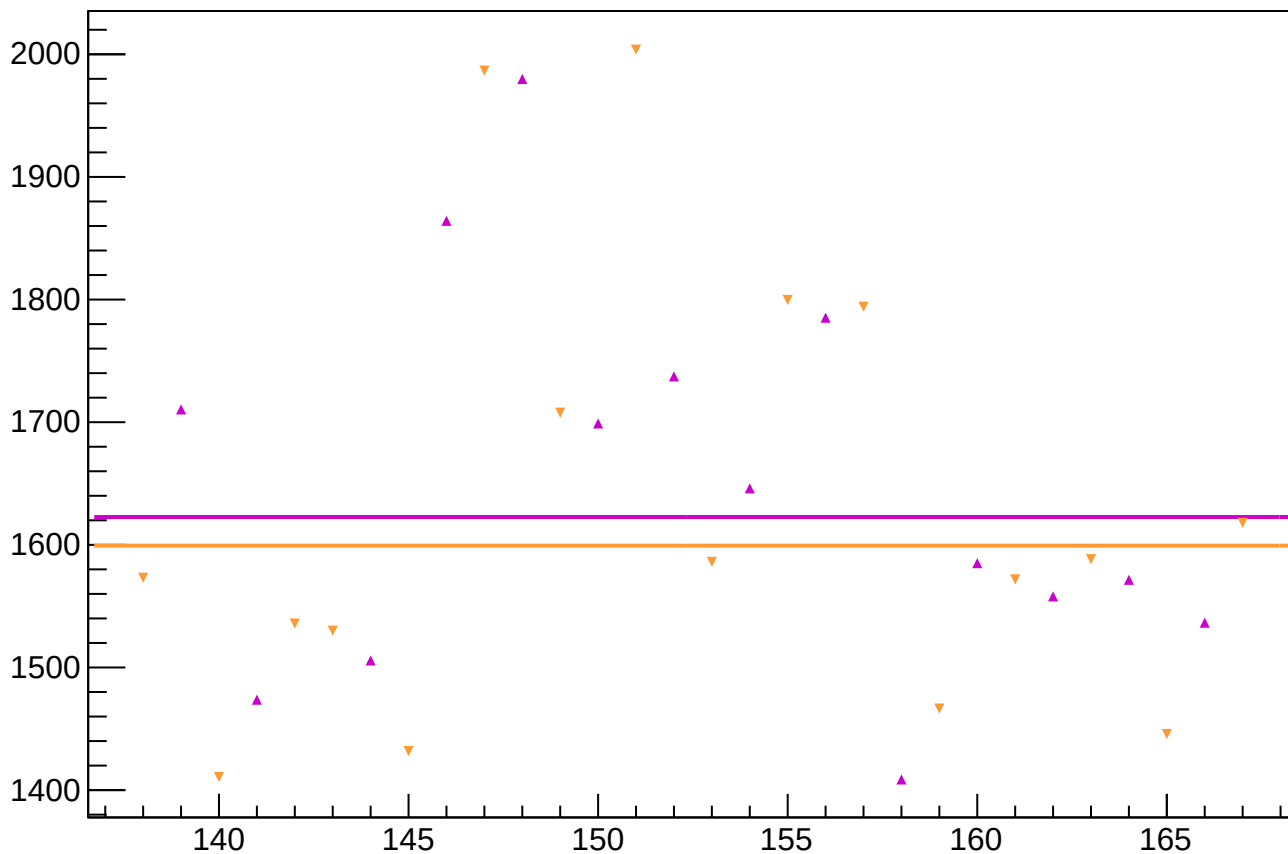
Left In: 697.999+/-492.713 χ^2/NDF : 22.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.349+/-339.144 χ^2/NDF : 59.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_rms vs Slug



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

Left Out: 1599.320+/-0.331 χ^2/NDF : 247802.9/15

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

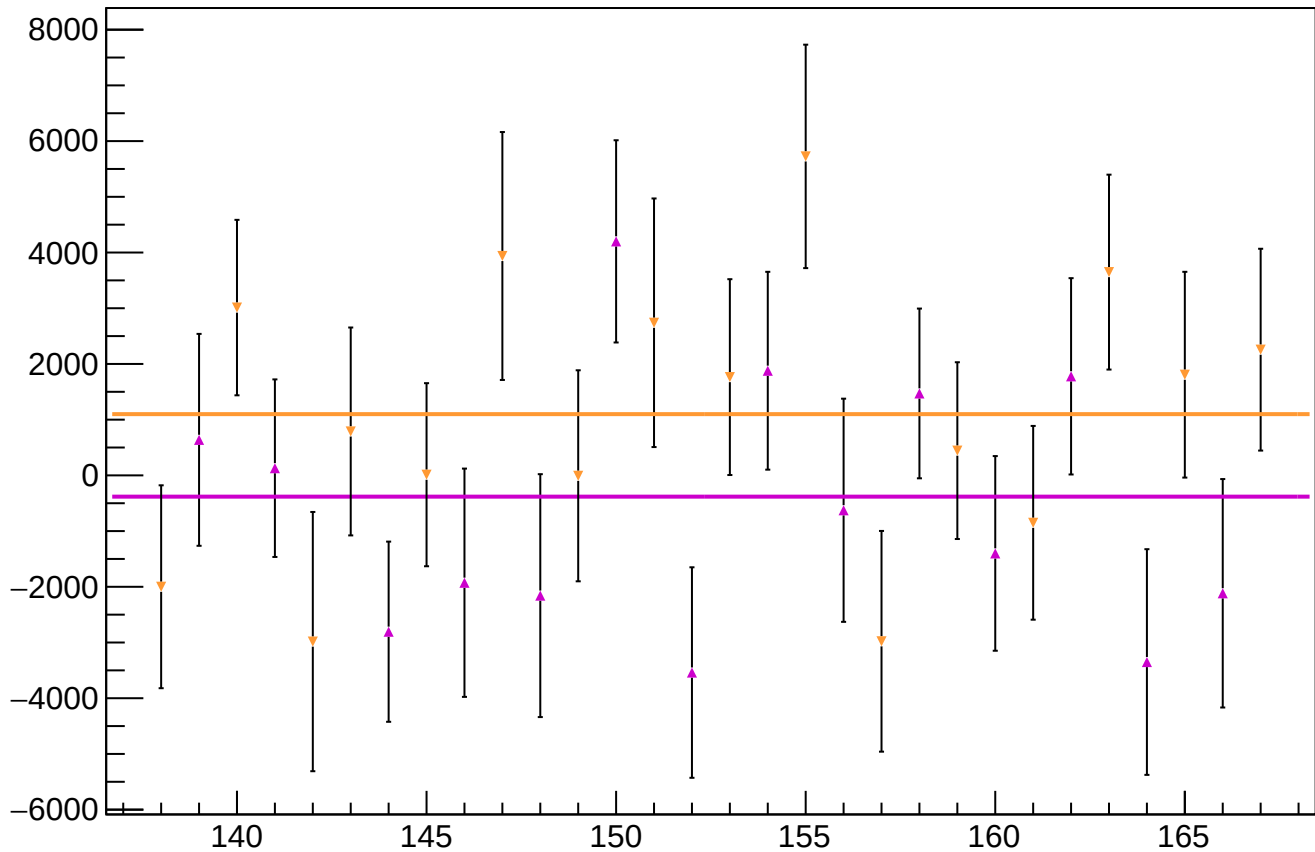
Left In: 1622.684+/-0.348 χ^2/NDF : 181561.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1610.389+/-0.240 χ^2/NDF : 431730.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_mean vs Slug



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

Left Out: 1099.135+/-460.828 χ^2/NDF :24.2/15

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

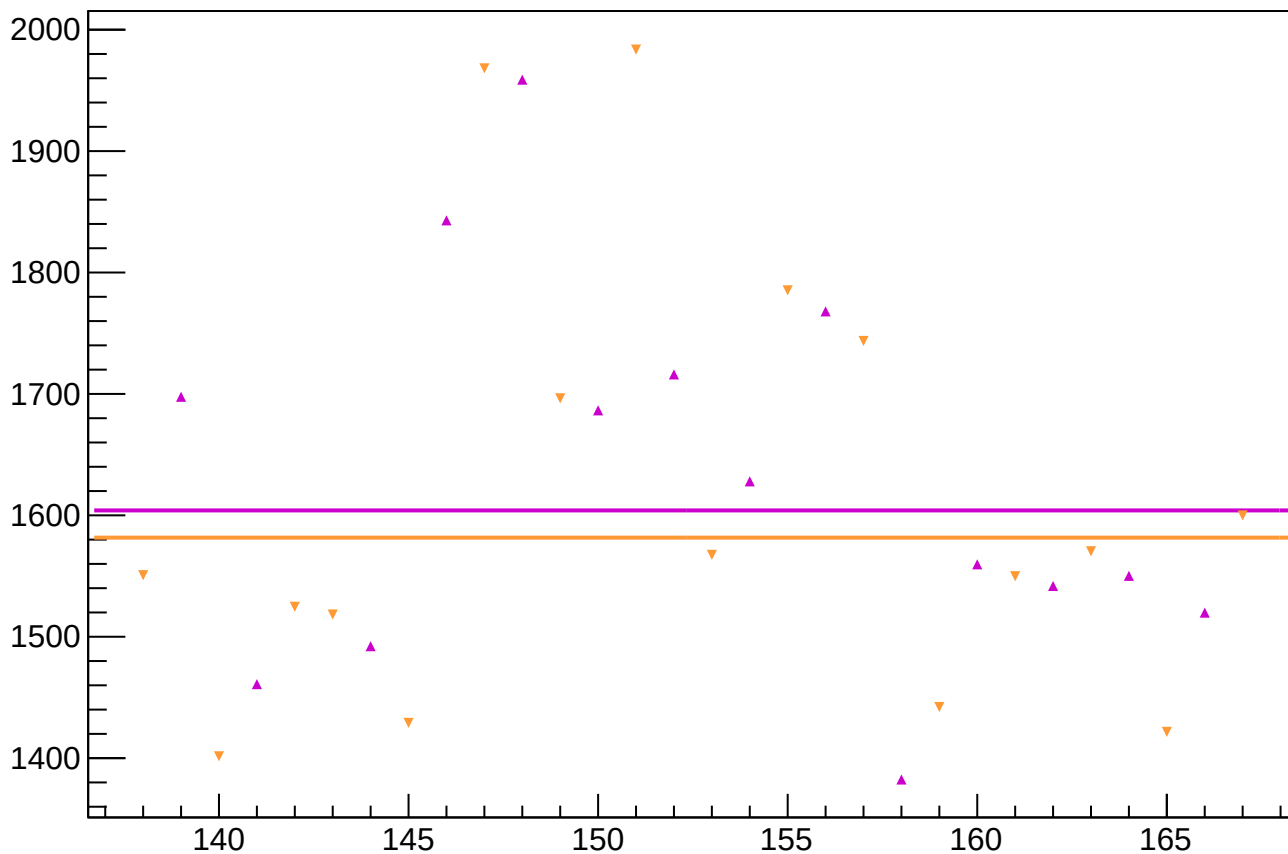
Left In: -381.733+/-487.155 χ^2/NDF :20.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.795+/-334.775 χ^2/NDF : 50.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_rms vs Slug



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

Left Out: 1581.639+/-0.326 χ^2/NDF :245674.4/15

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

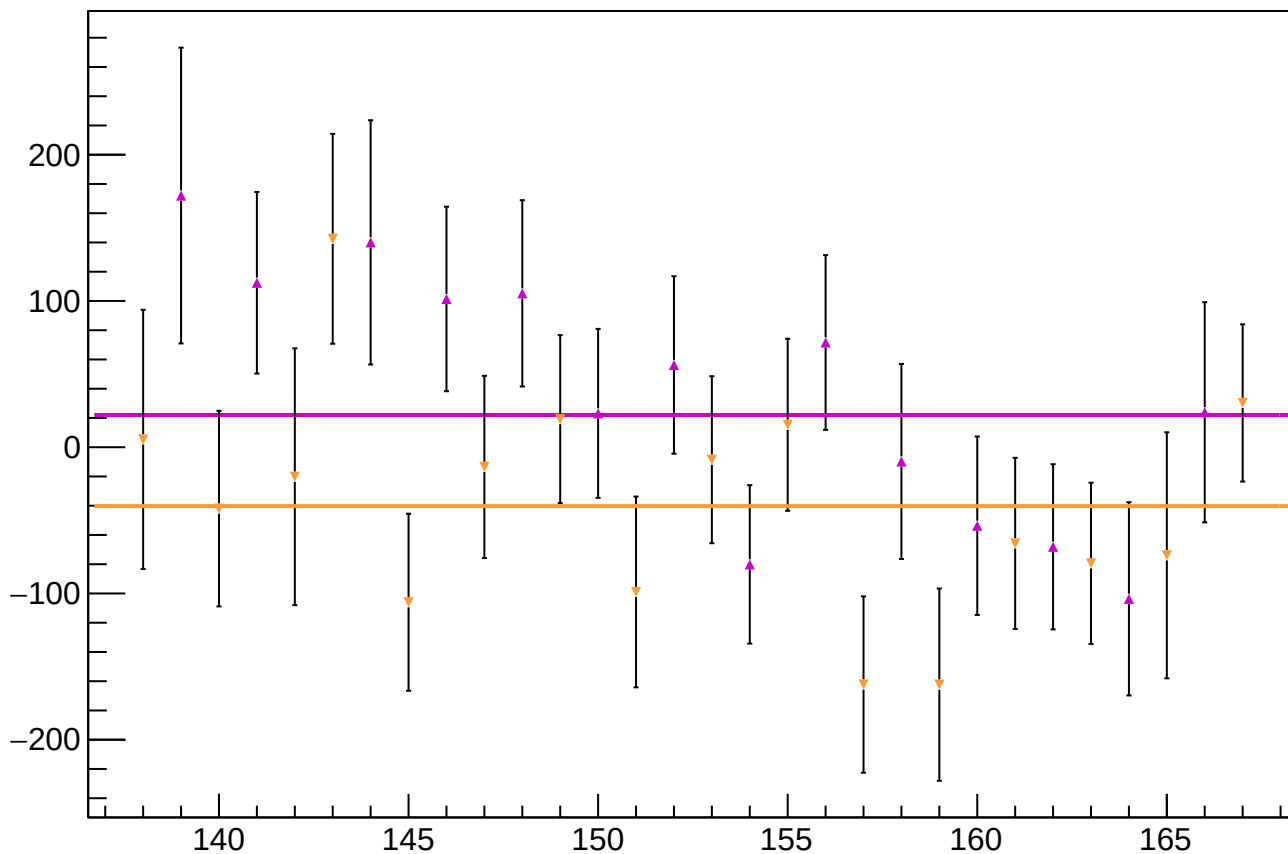
Left In: 1604.054+/-0.344 χ^2/NDF :186524.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1592.225+/-0.237 χ^2/NDF : 434433.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -40.263 +/- 15.902 χ^2/NDF : 21.4/15

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

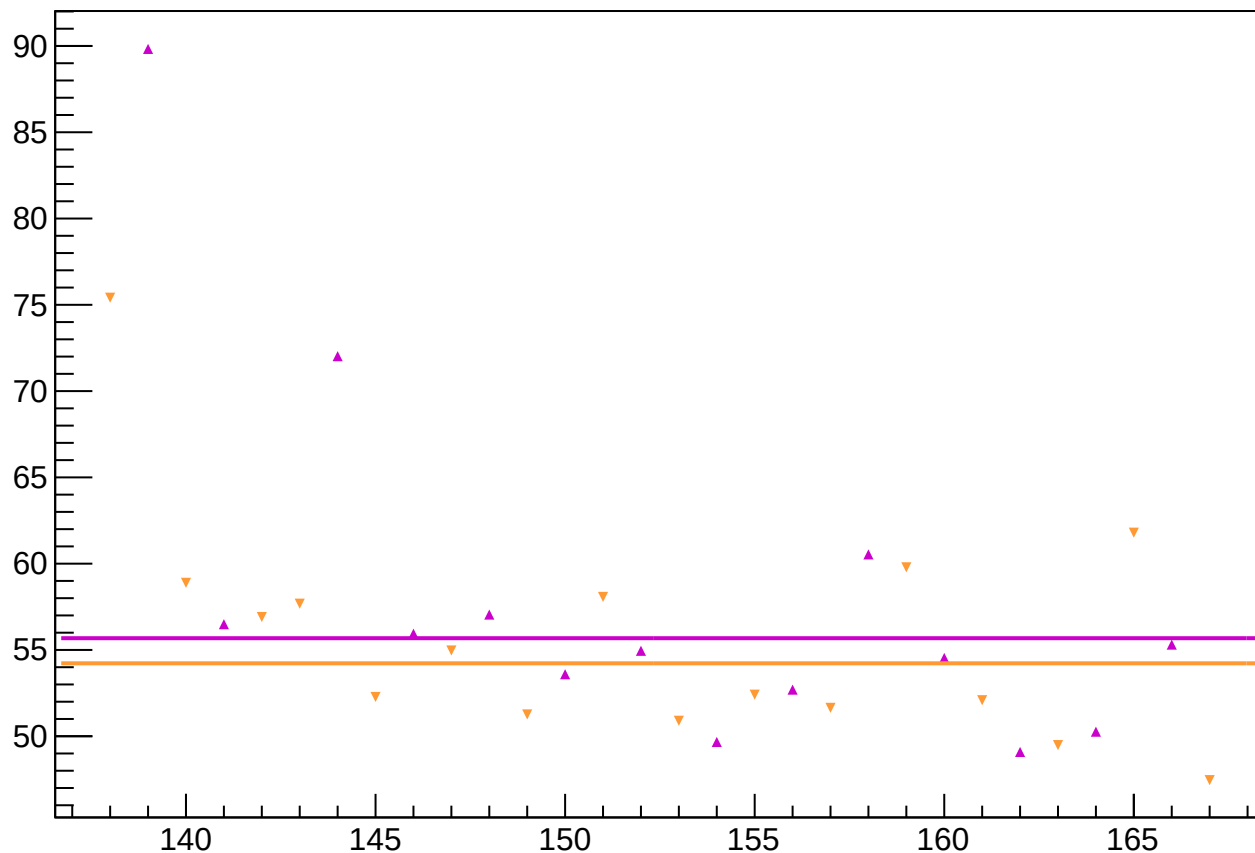
Left In: 22.039 +/- 17.141 χ^2/NDF : 22.1/13

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -11.445 +/- 11.658 χ^2/NDF : 50.6/29

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 54.225+/-0.011 χ^2/NDF : 237217.7/15

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

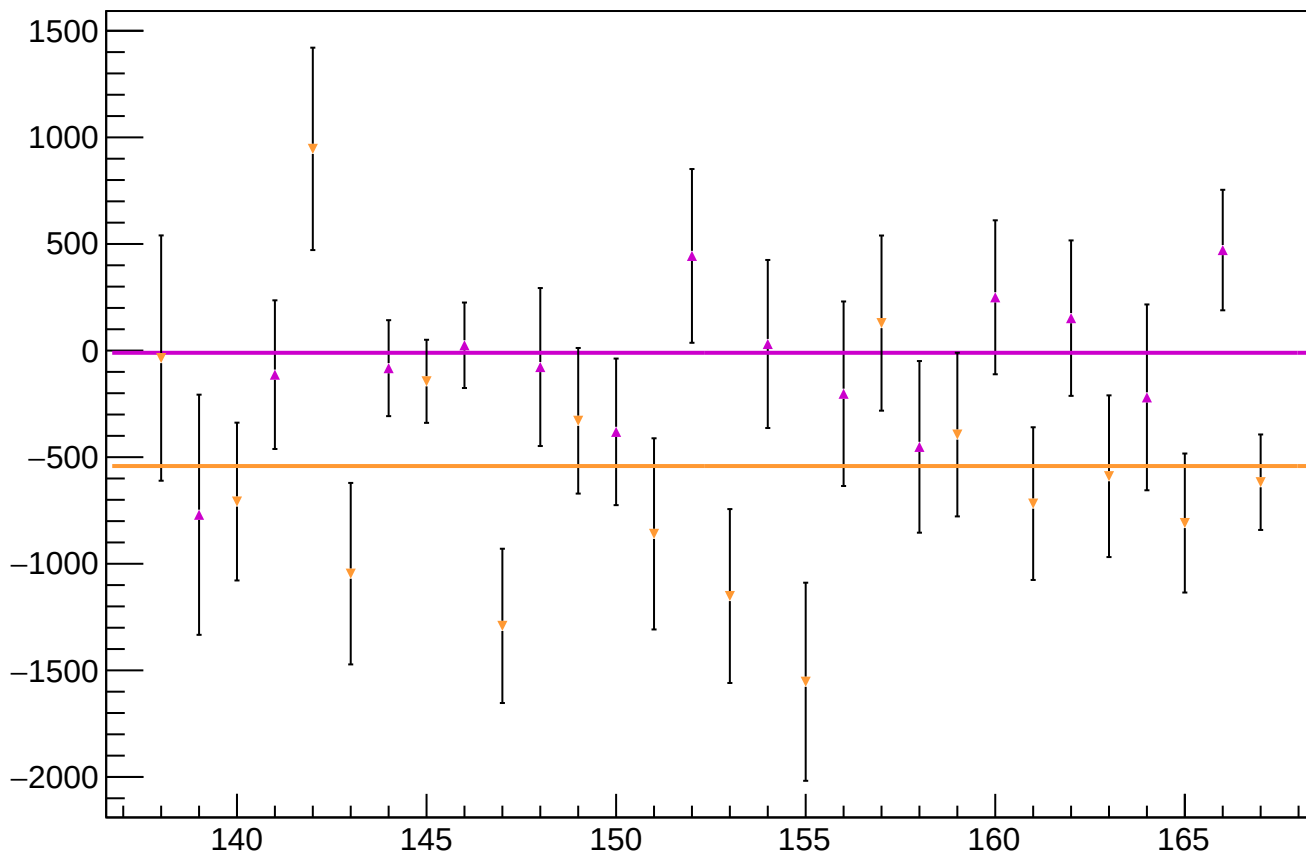
Left In: 55.681+/-0.012 χ^2/NDF : 390578.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.899+/-0.008 χ^2/NDF : 635547.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -541.603+/-85.984 χ^2/NDF : 32.4/15

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

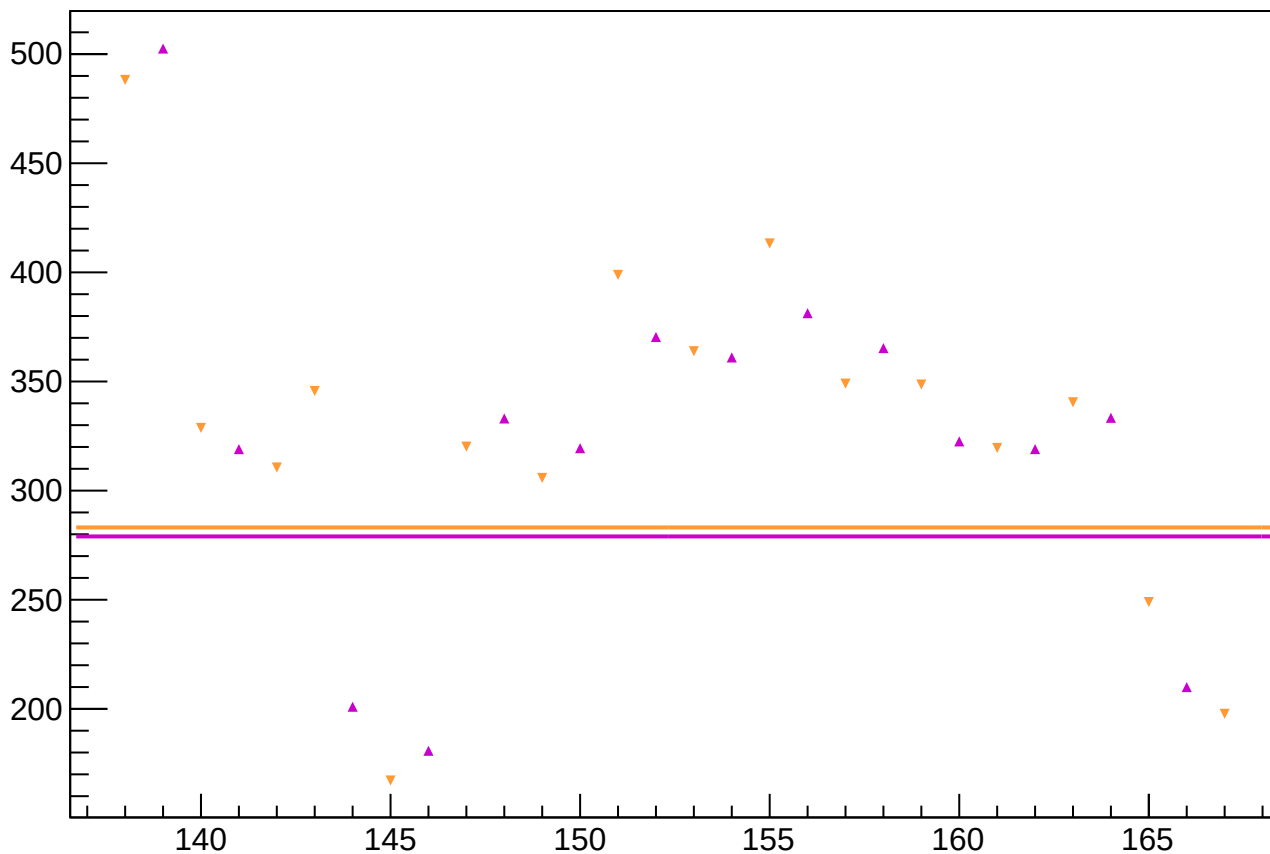
Left In: -10.414+/-88.151 χ^2/NDF : 9.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.619+/-61.552 χ^2/NDF : 60.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 283.131+/-0.061 χ^2/NDF :1929468.7/15

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

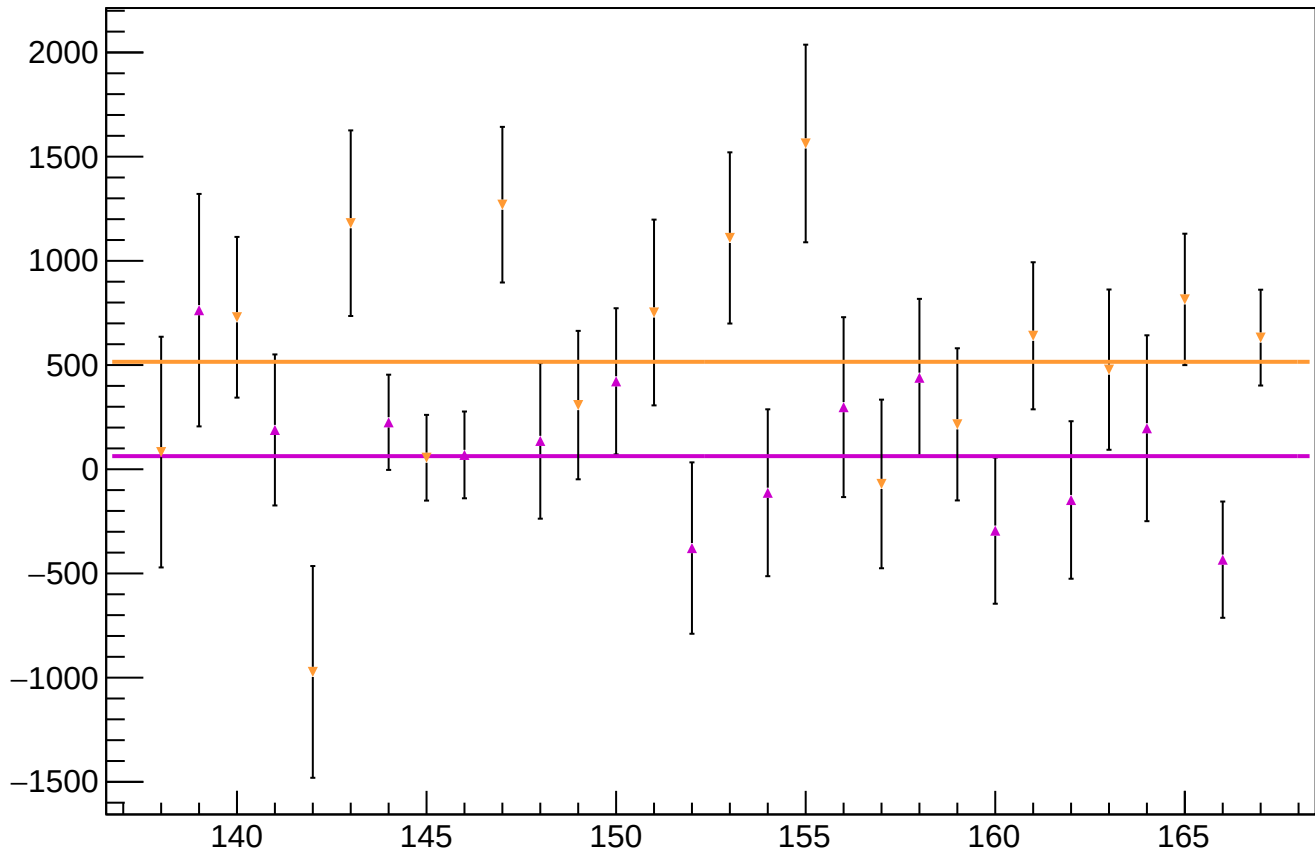
Left In: 279.010+/-0.062 χ^2/NDF :1726282.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.122+/-0.044 χ^2/NDF : 3657990.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



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

Left Out: 515.580+/-87.574 χ^2/NDF : 32.5/15

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

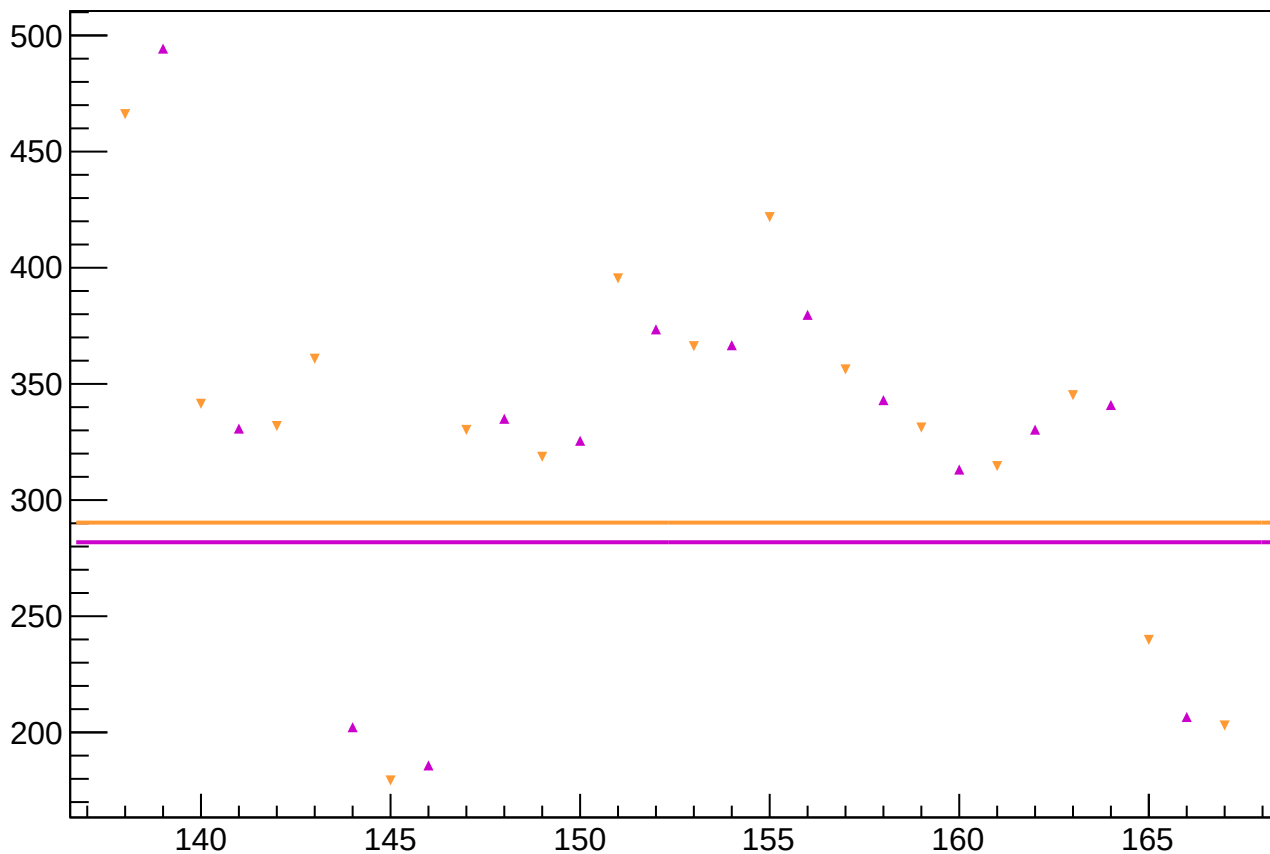
Left In: 62.948+/-89.136 χ^2/NDF : 10.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.265+/-62.469 χ^2/NDF : 56.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_rms vs Slug



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

Left Out: 290.302+/-0.062 χ^2/NDF :1720113.1/15

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

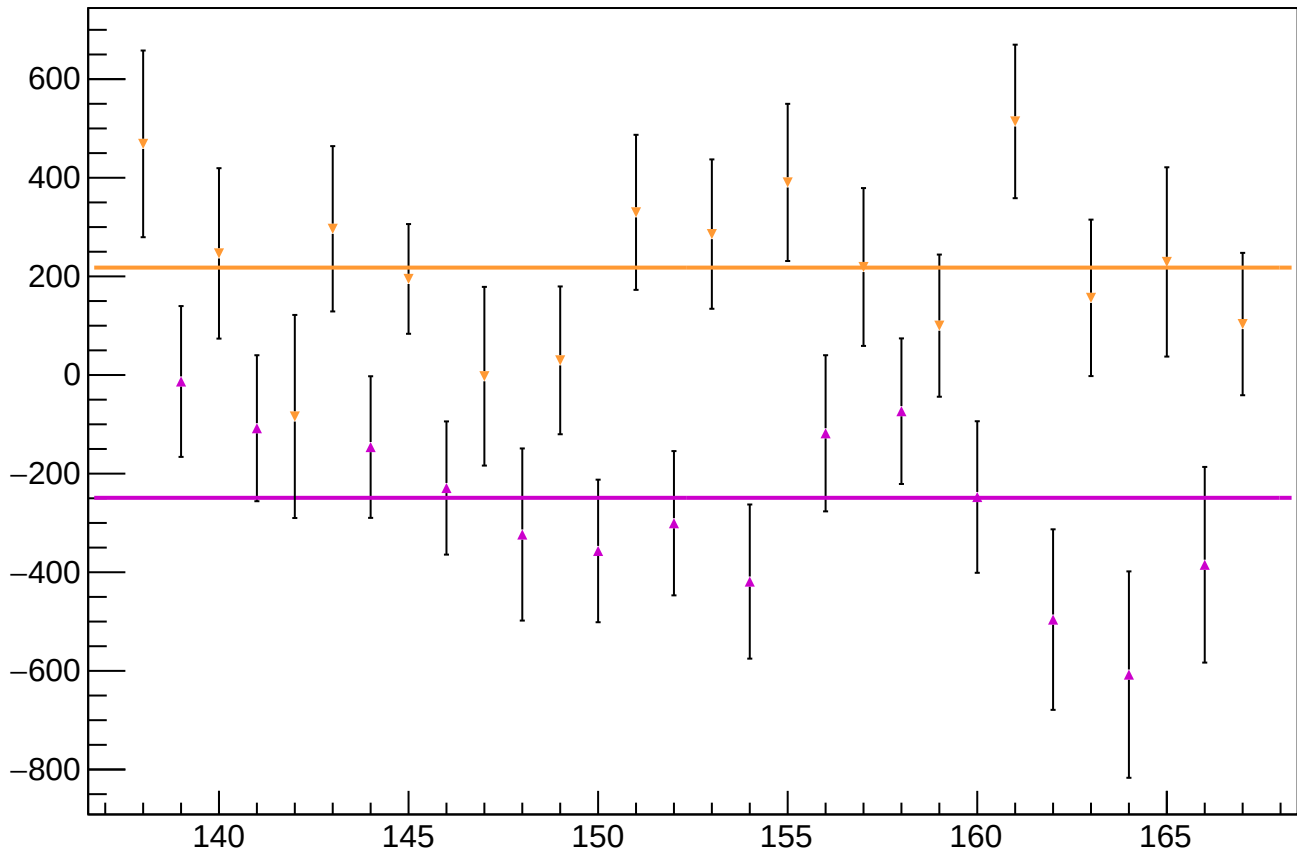
Left In: 281.842+/-0.063 χ^2/NDF :1640336.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.147+/-0.044 χ^2/NDF : 3369617.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



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

Left Out: 217.818+/-39.435 χ^2/NDF :14.2/15

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

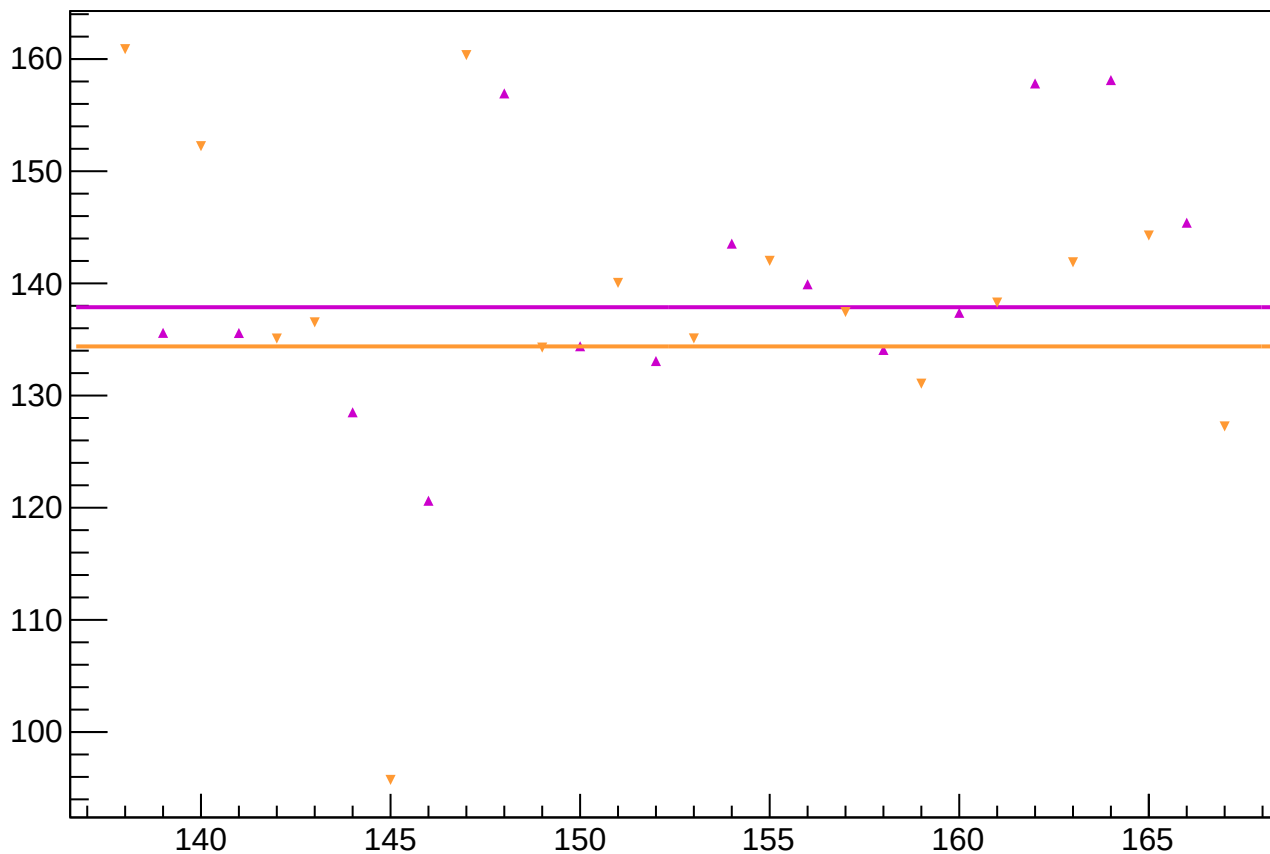
Left In: -249.052+/-42.025 χ^2/NDF :13.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.784+/-28.757 χ^2/NDF : 93.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 134.380+/-0.028 χ^2/NDF : 368248.2/15

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

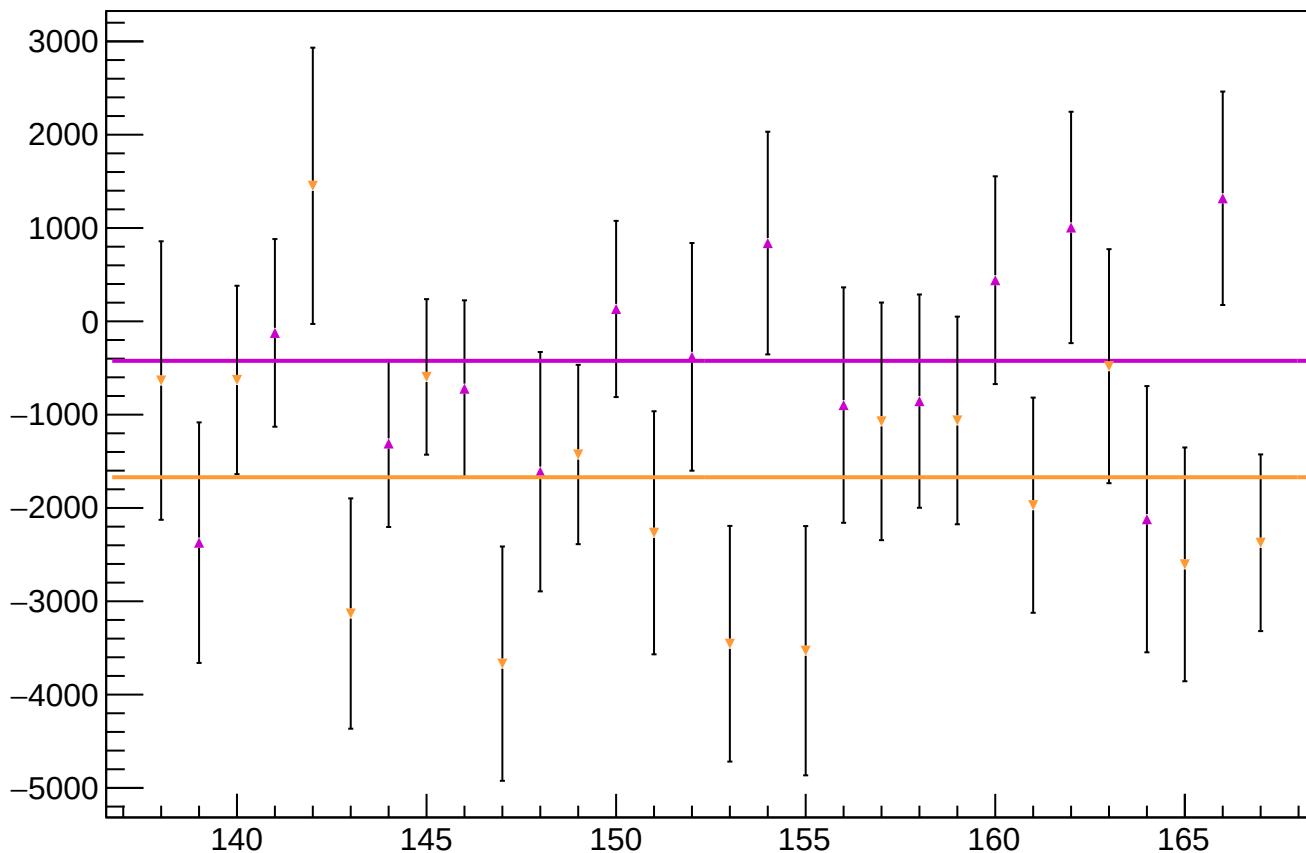
Left In: 137.876+/-0.030 χ^2/NDF : 118907.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.017+/-0.020 χ^2/NDF : 494513.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_mean vs Slug



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

Left Out: -1670.635+/-288.158 χ^2/NDF : 18.4/15

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

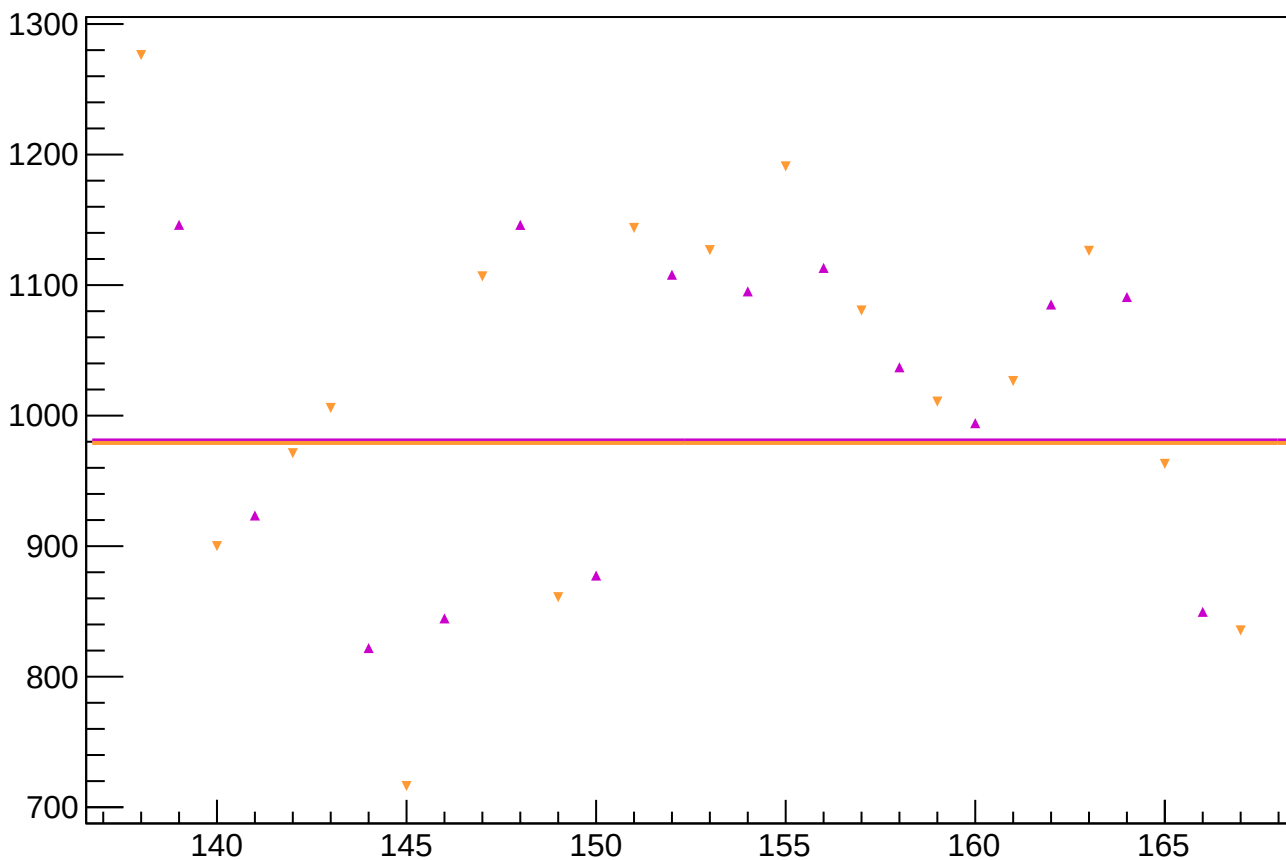
Left In: -423.403+/-299.253 χ^2/NDF : 11.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1070.567+/-207.570 χ^2/NDF : 39.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_rms vs Slug



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

Left Out: 979.070+/-0.204 χ^2/NDF : 543655.3/15

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

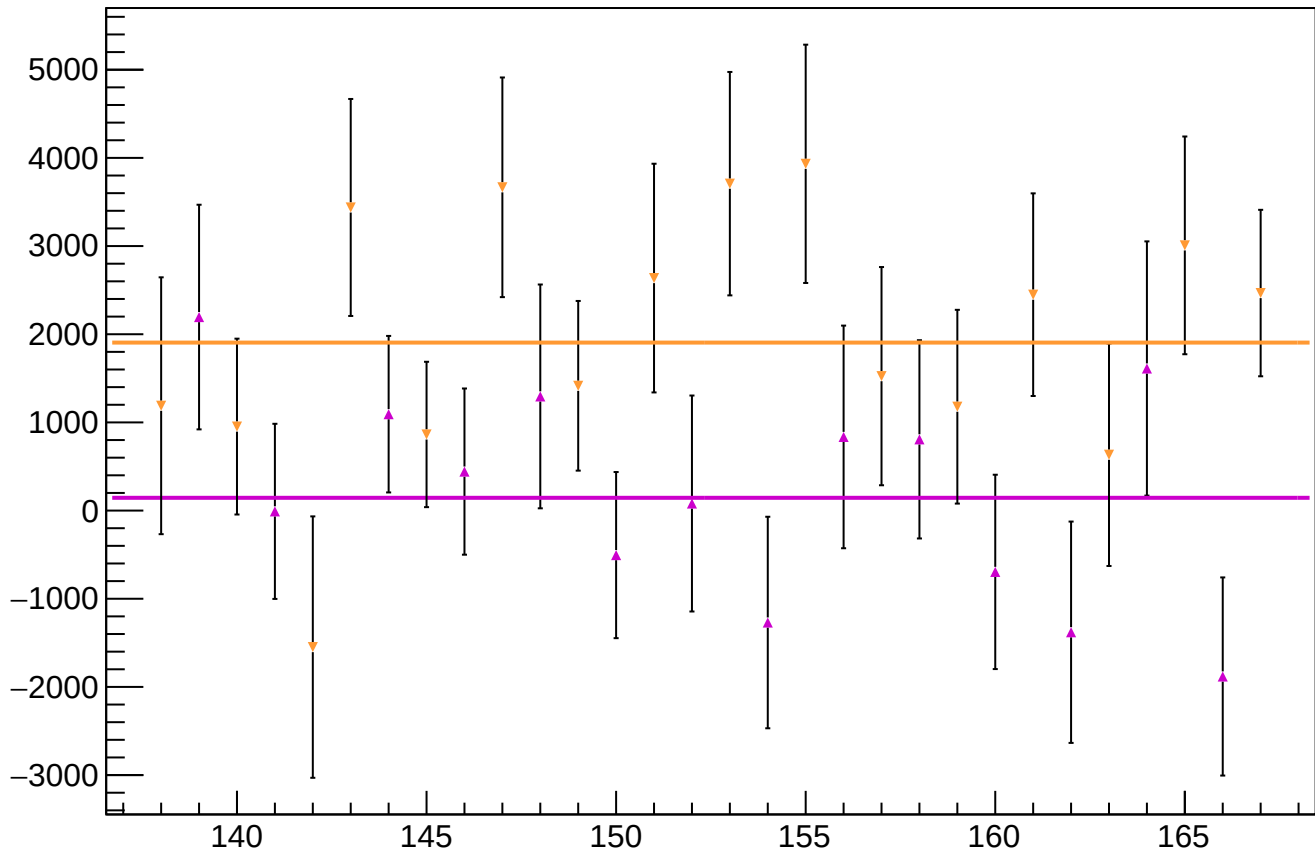
Left In: 980.983+/-0.212 χ^2/NDF : 320556.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.990+/-0.147 χ^2/NDF : 864254.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug



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

Left Out: 1905.304 $\pm$ 286.315 χ^2 /NDF:19.5/15

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

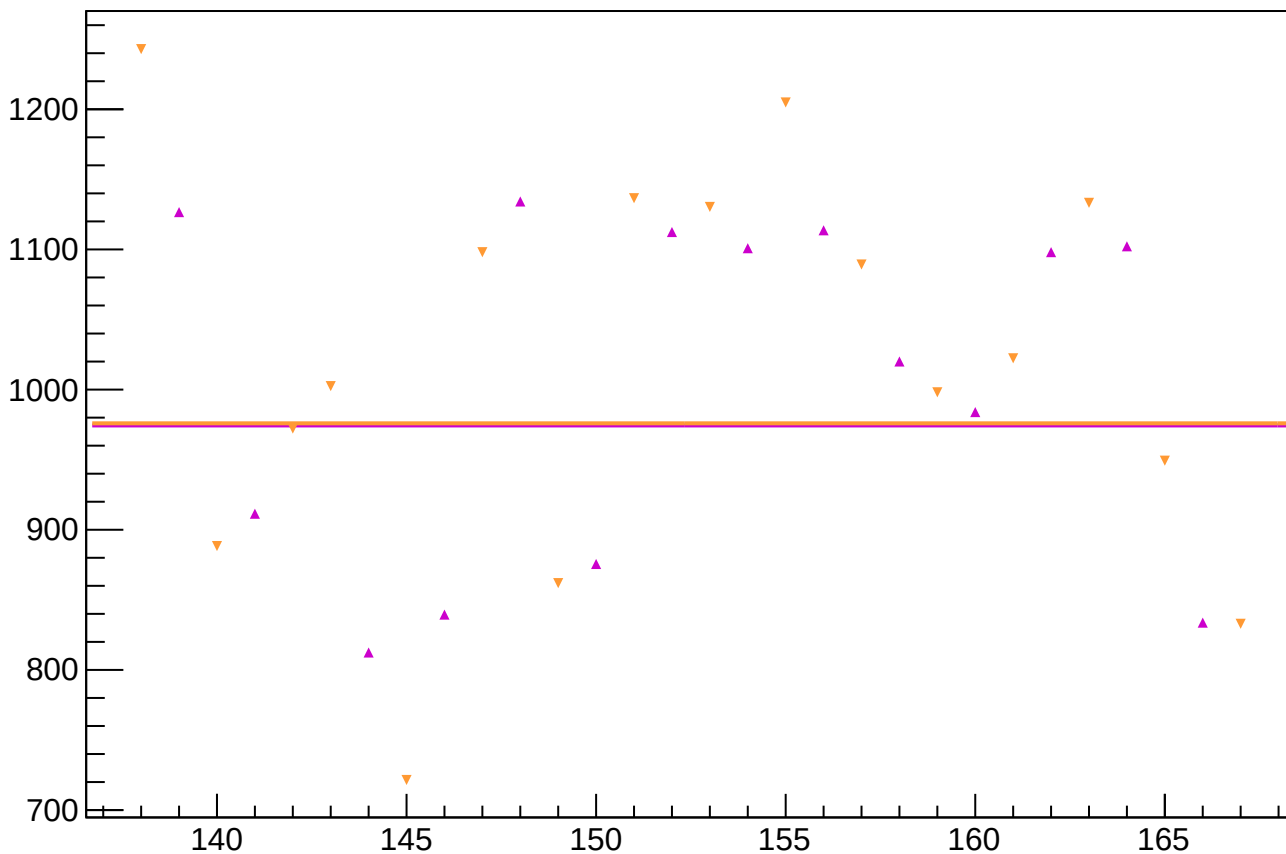
Left In: 144.857 $\pm$ 297.688 χ^2 /NDF:13.5/13

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

All: 1059.350 $\pm$ 206.359 χ^2 /NDF: 51.2/29

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

asym_sam_48_dd_rms vs Slug



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

Left Out: 975.938+/-0.202 χ^2/NDF : 537977.8/15

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

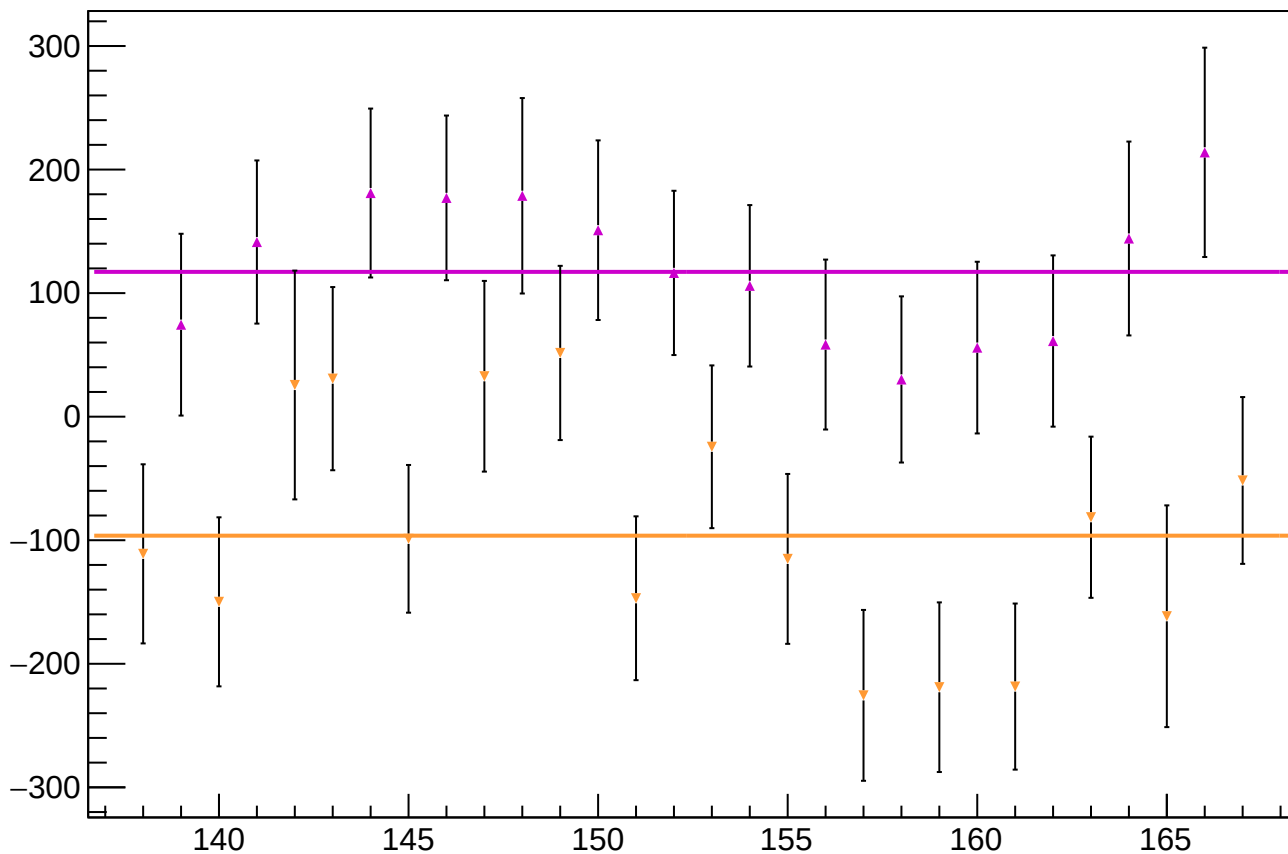
Left In: 974.425+/-0.210 χ^2/NDF : 339816.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 975.211+/-0.146 χ^2/NDF : 877820.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -96.309 $\pm$ 17.561 χ^2 /NDF:25.4/15

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

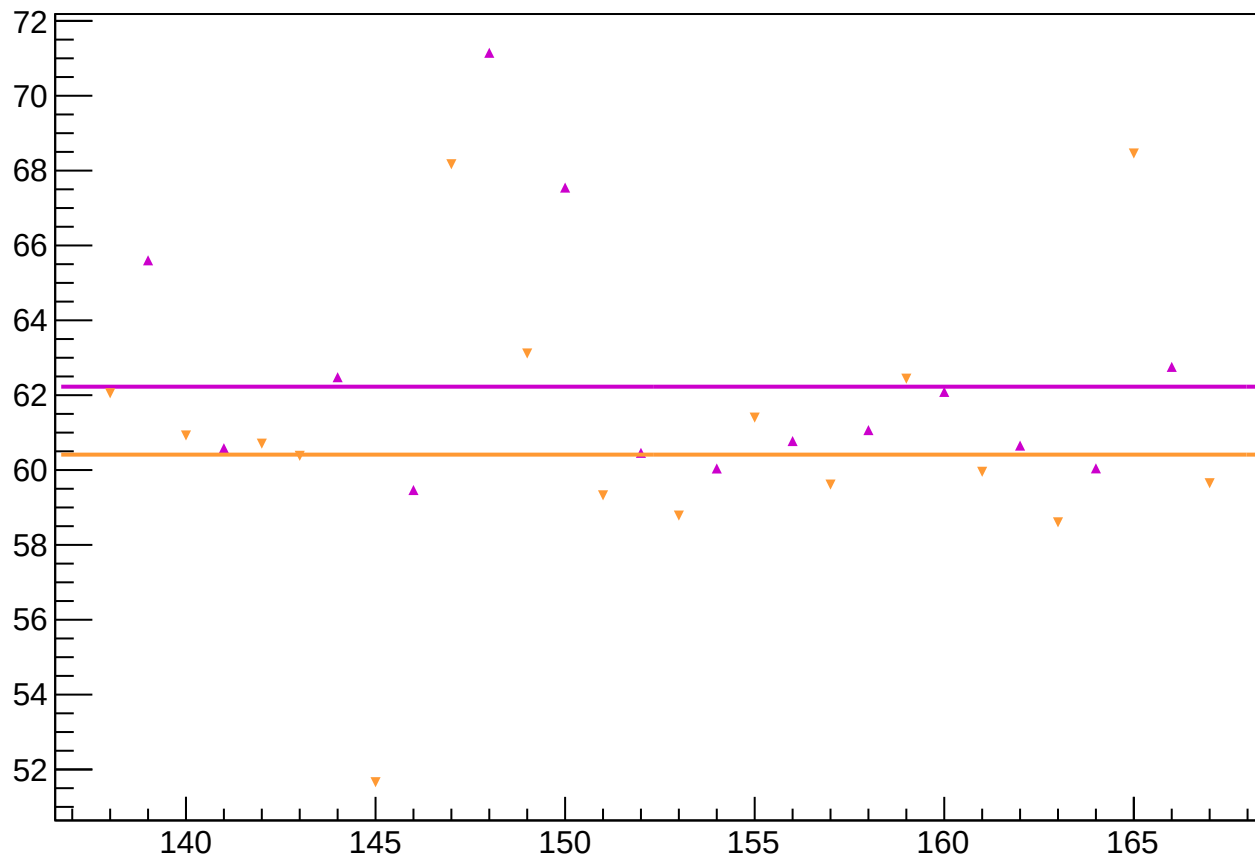
Left In: 117.200 $\pm$ 18.855 χ^2 /NDF:8.3/13

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

All: 2.869 $\pm$ 12.851 χ^2 /NDF: 102.3/29

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

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 60.412+/-0.012 χ^2/NDF : 89339.1/15

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

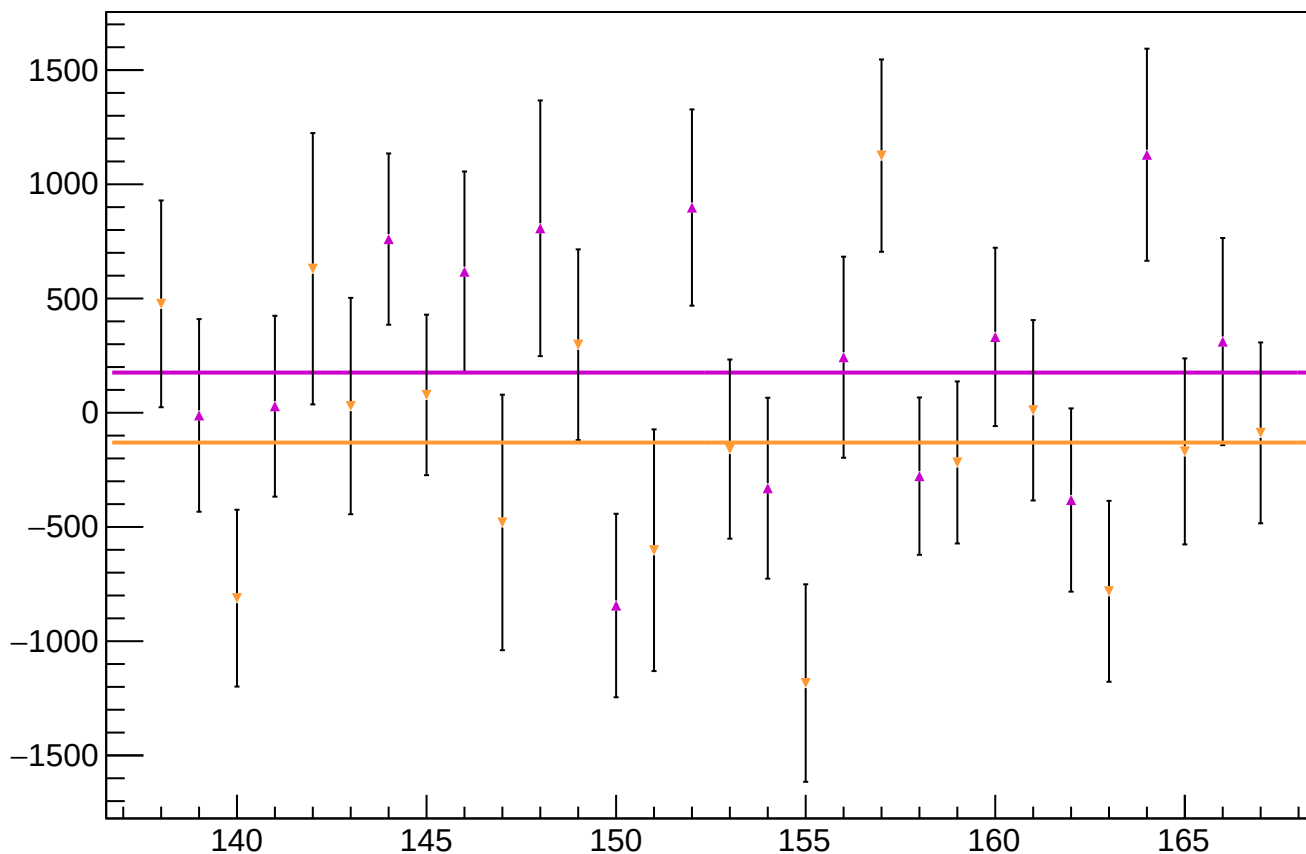
Left In: 62.227+/-0.013 χ^2/NDF : 52871.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.255+/-0.009 χ^2/NDF : 152137.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -130.510 $\pm$ 105.338 χ^2 /NDF:27.0/15

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

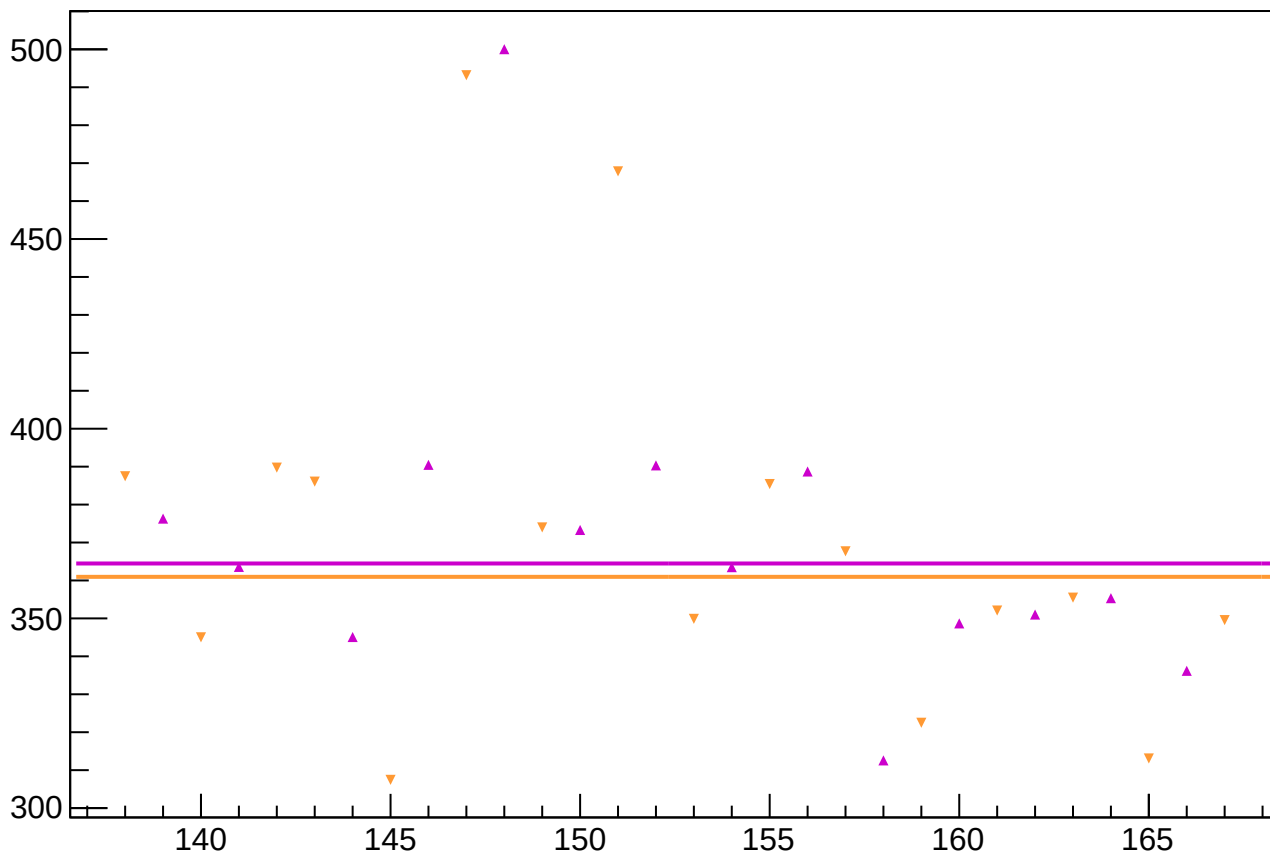
Left In: 175.886 $\pm$ 110.843 χ^2 /NDF:24.1/13

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

All: 14.890 $\pm$ 76.357 χ^2 /NDF: 55.1/29

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

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 360.956+/-0.074 χ^2/NDF : 325113.6/15

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

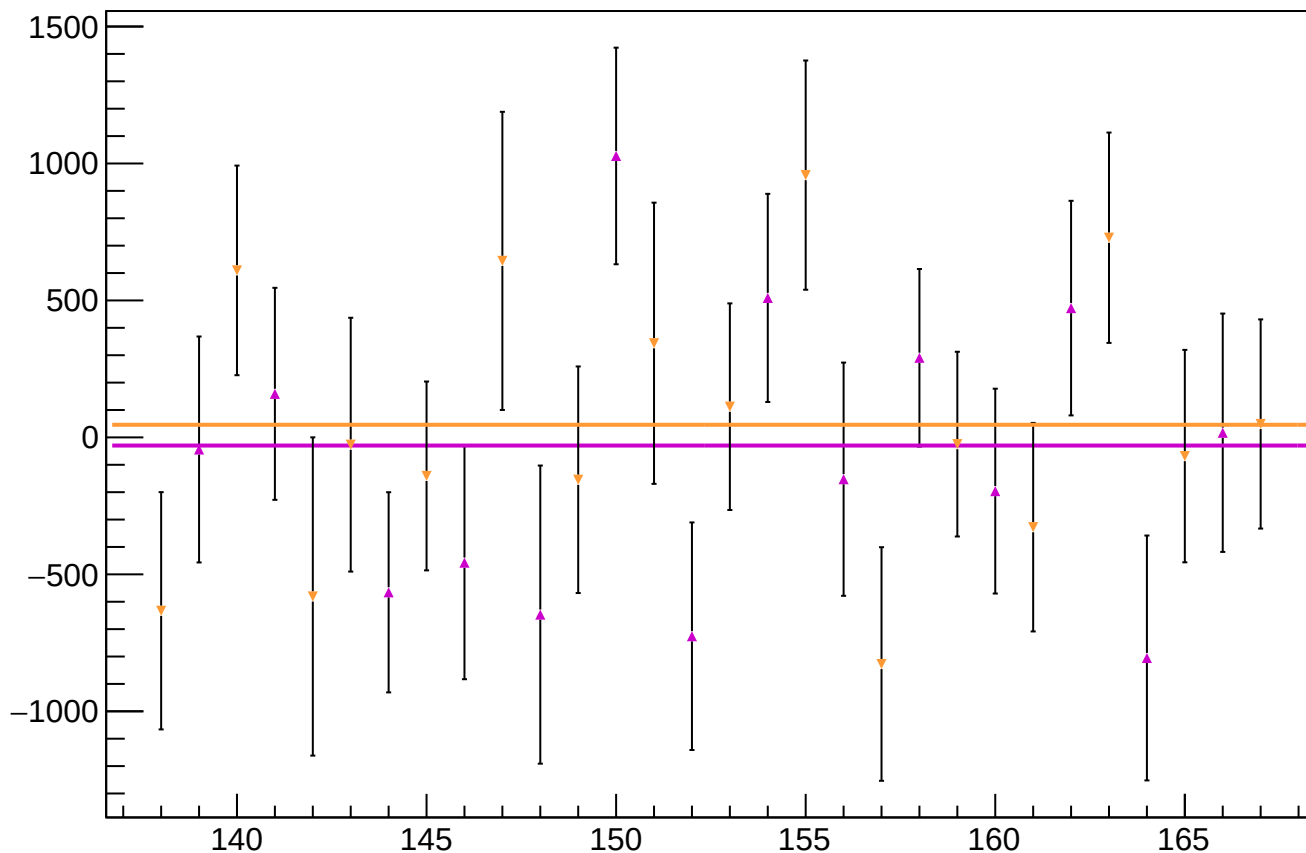
Left In: 364.474+/-0.078 χ^2/NDF : 205153.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.625+/-0.054 χ^2/NDF : 531325.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: 46.023+/-102.358 χ^2/NDF : 21.1/15

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

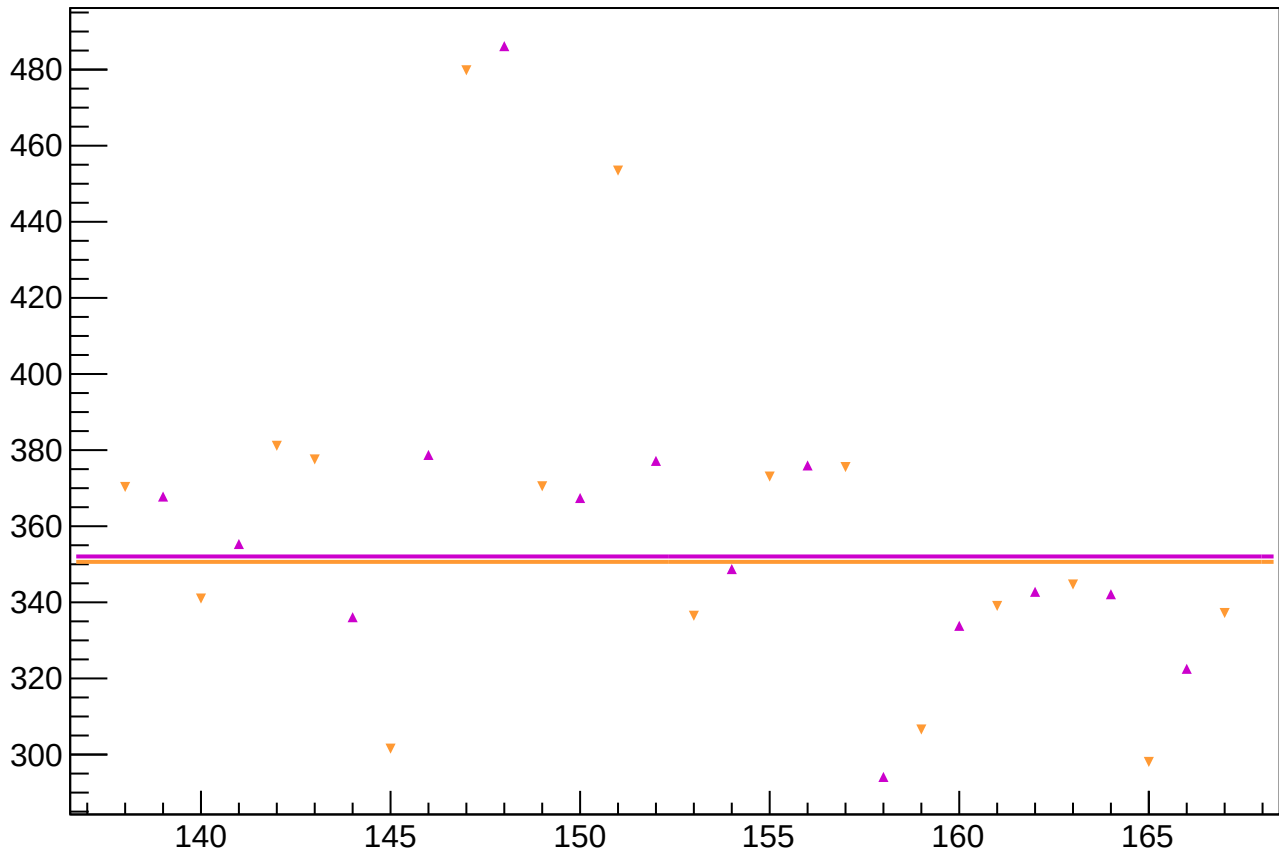
Left In: -29.750+/-107.174 χ^2/NDF : 22.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.877+/-74.022 χ^2/NDF : 44.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 350.636+/-0.072 χ^2/NDF : 346860.5/15

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

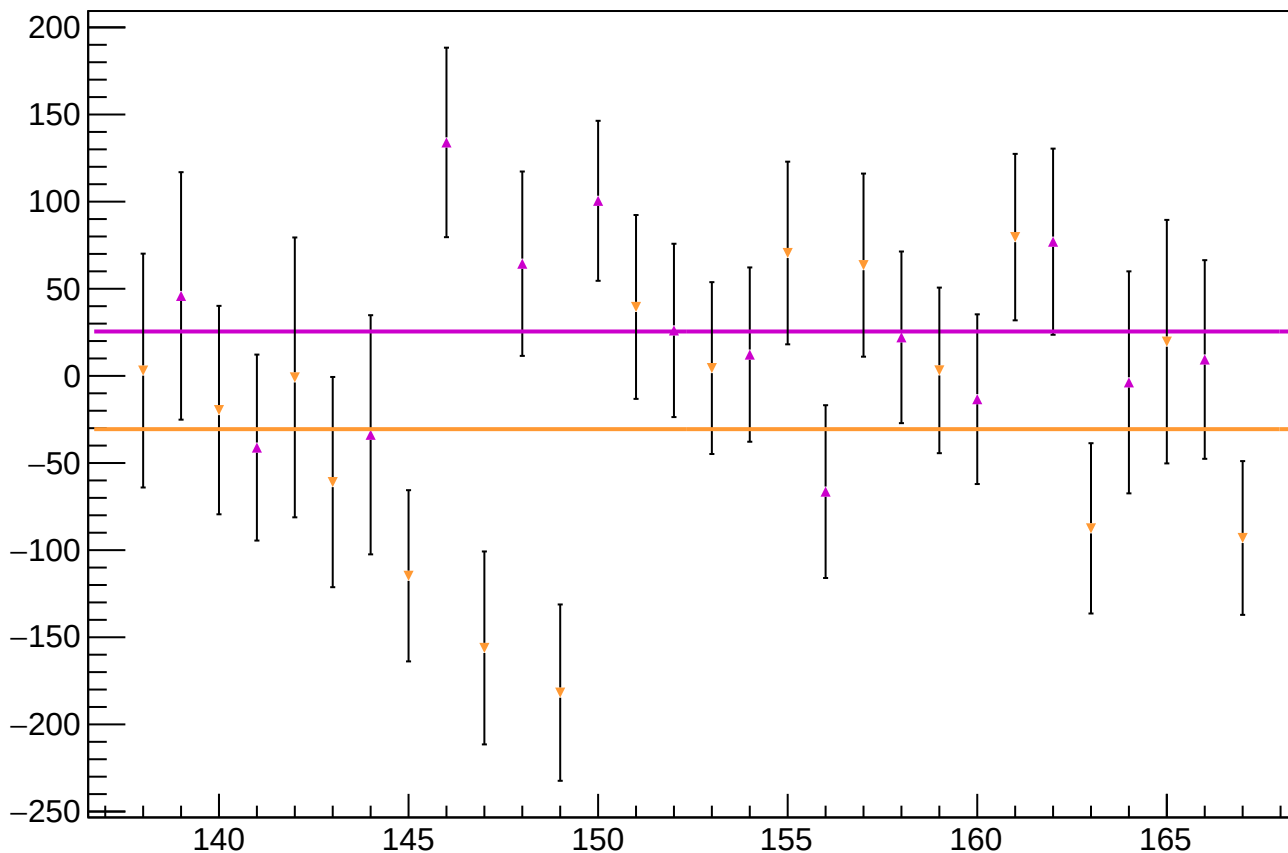
Left In: 352.053+/-0.076 χ^2/NDF : 232981.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.312+/-0.052 χ^2/NDF : 580024.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -30.562 $\pm$ 13.390 χ^2 /NDF:36.6/15

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

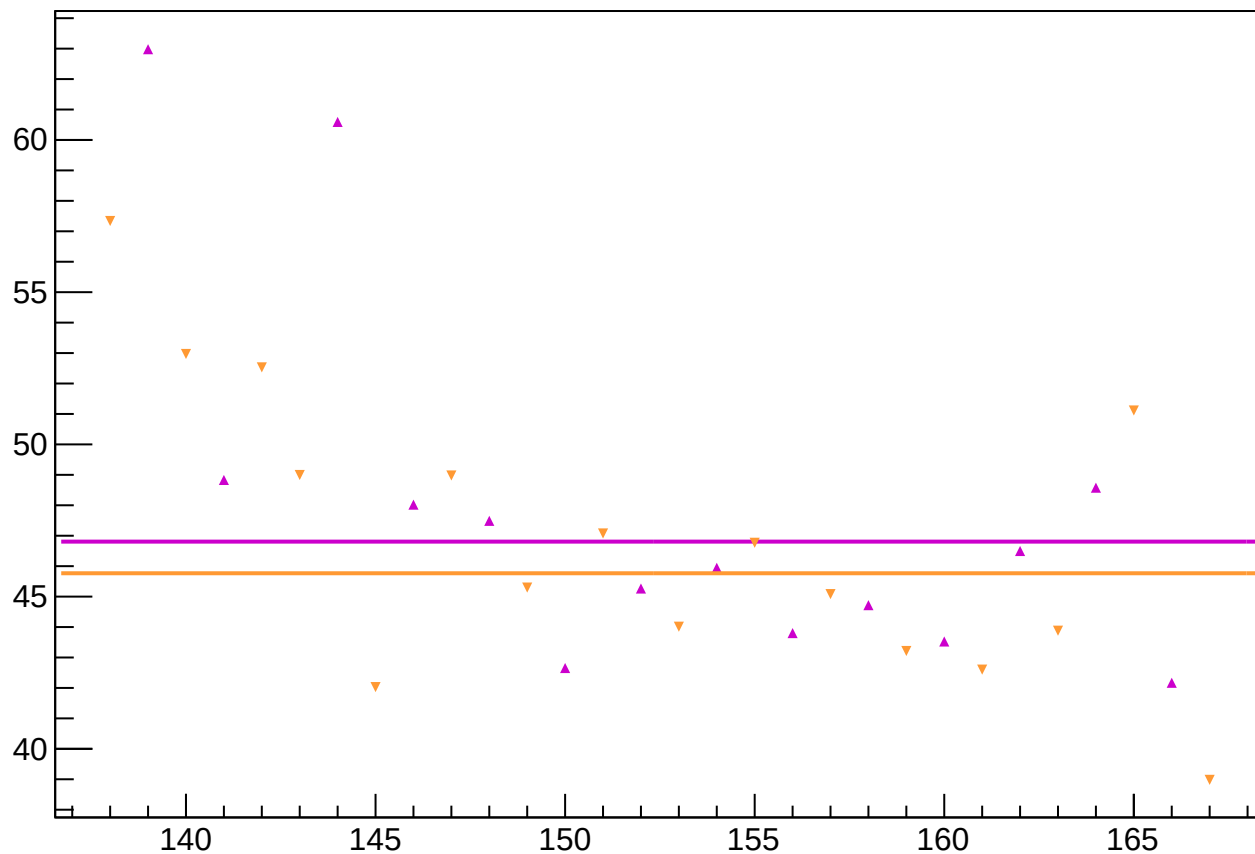
Left In: 25.478 $\pm$ 14.313 χ^2 /NDF:14.9/13

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

All: -4.408 $\pm$ 9.778 χ^2 /NDF: 59.7/29

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

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 45.767+/-0.009 χ^2/NDF :208295.1/15

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

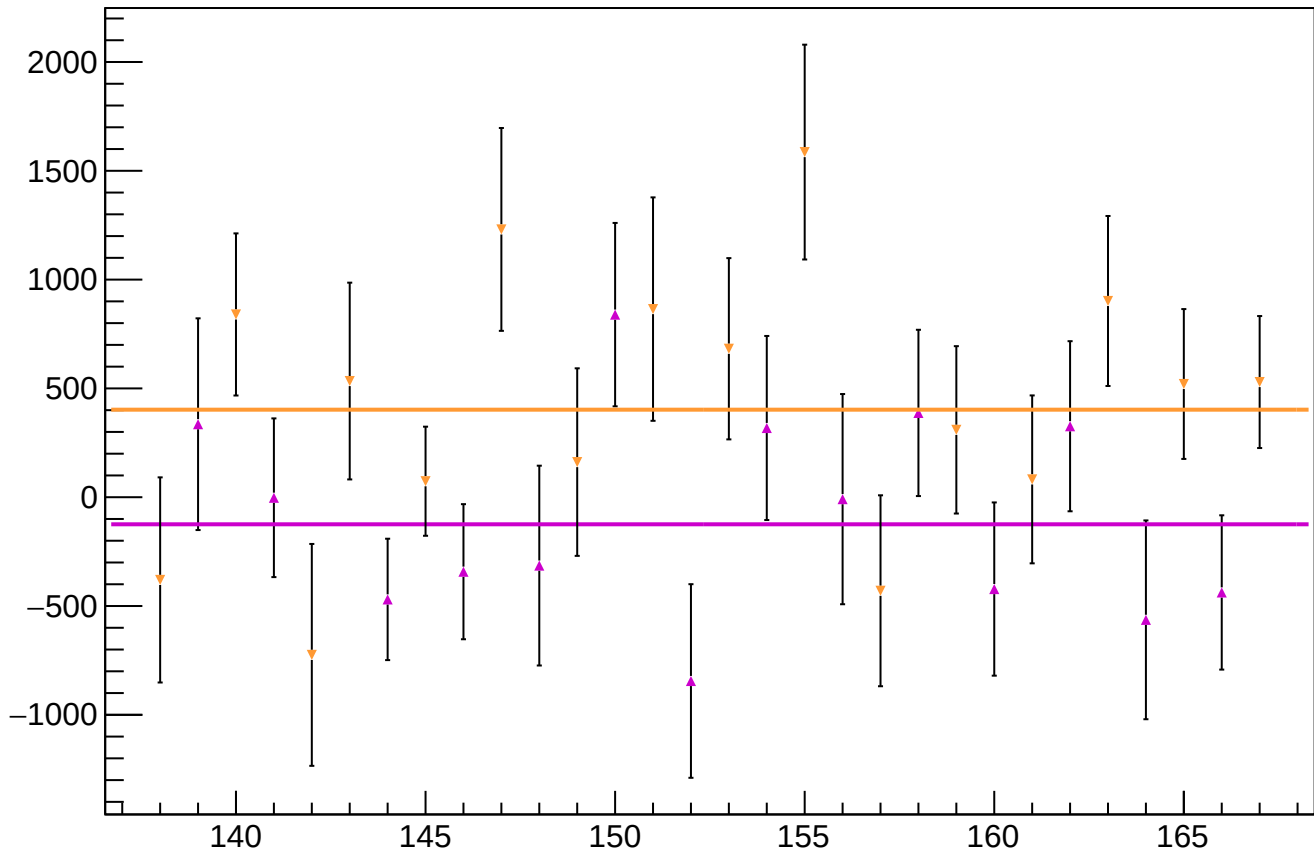
Left In: 46.806+/-0.010 χ^2/NDF :242412.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.252+/-0.007 χ^2/NDF : 456332.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_mean vs Slug



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

Left Out: 402.263+/-97.802 χ^2/NDF : 27.6/15

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

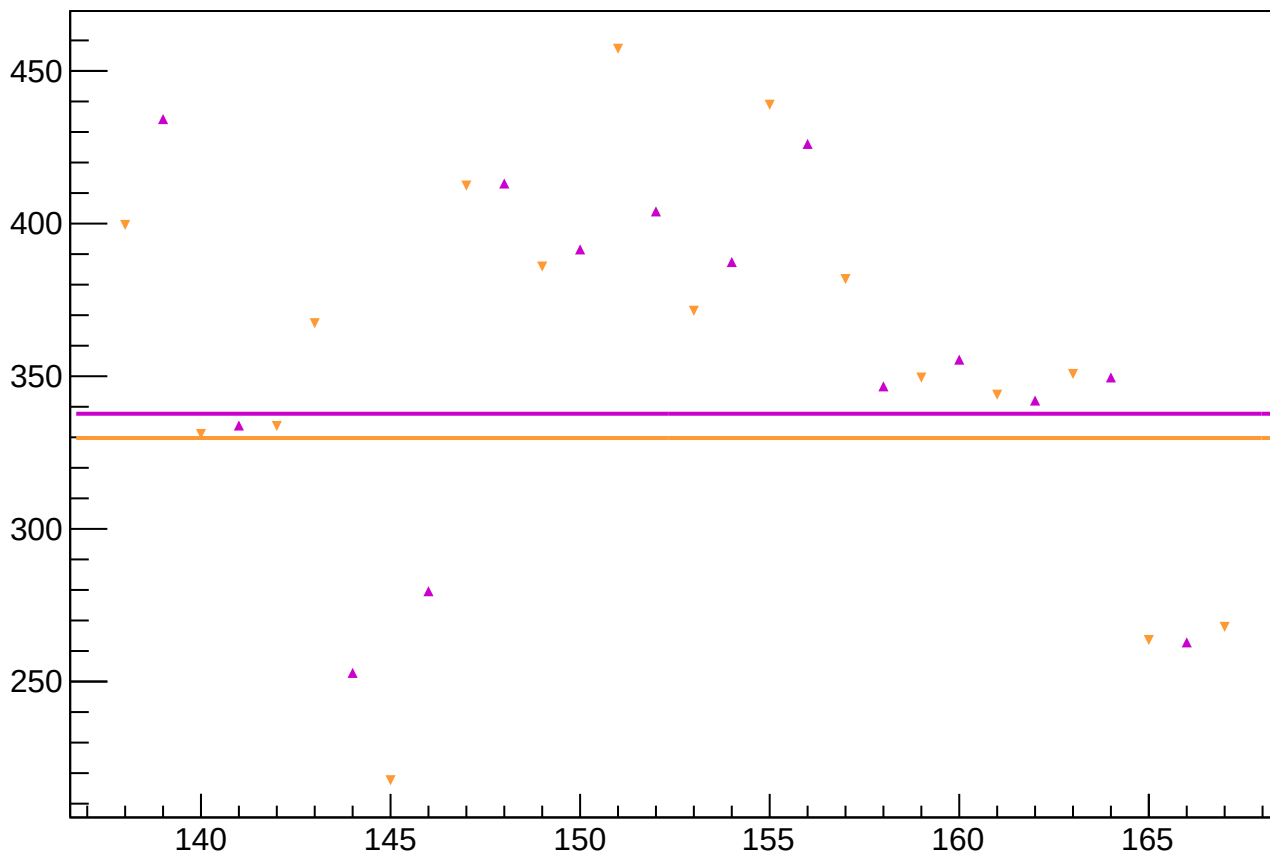
Left In: -124.444+/-103.839 χ^2/NDF : 17.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.666+/-71.195 χ^2/NDF : 58.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_rms vs Slug



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

Left Out: 329.766+/-0.069 χ^2/NDF : 994786.9/15

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

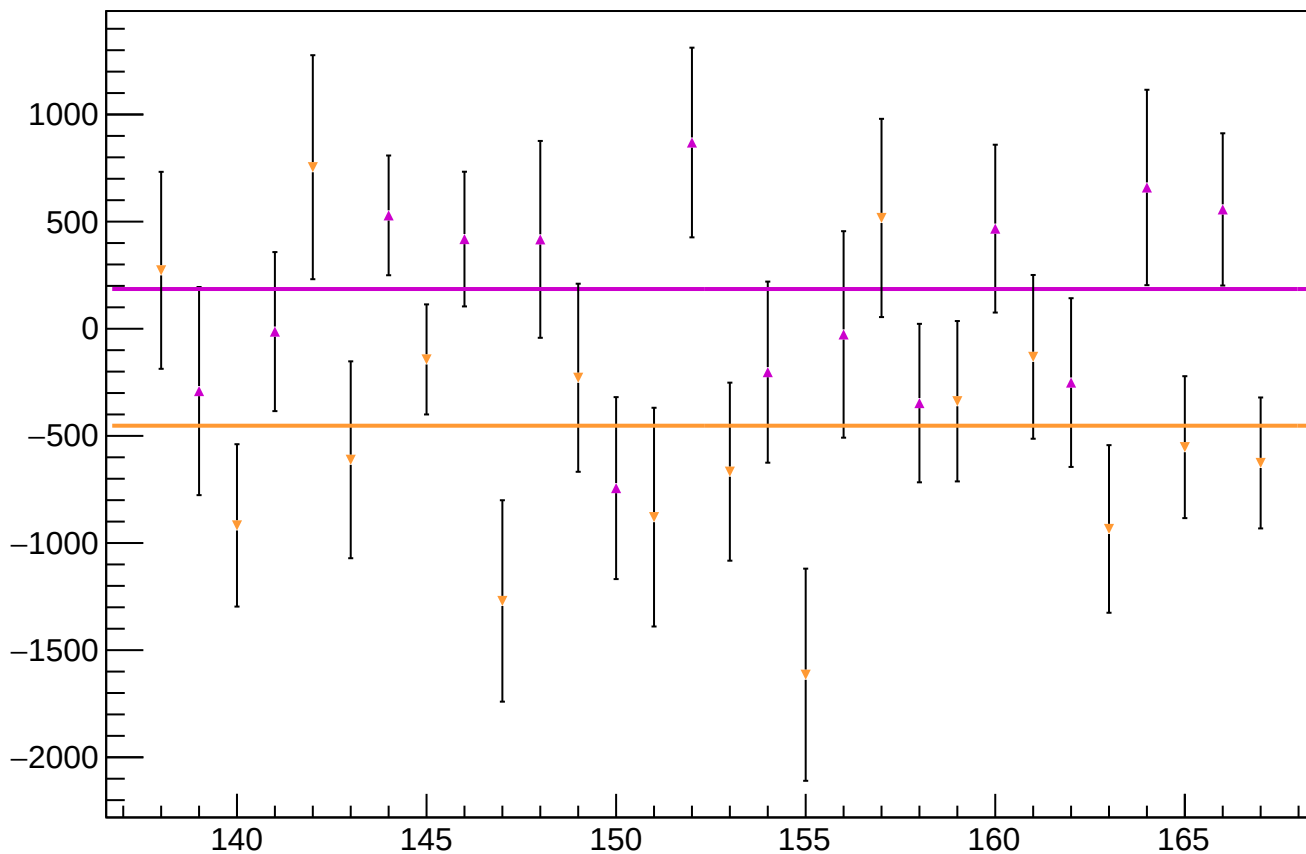
Left In: 337.721+/-0.073 χ^2/NDF : 655811.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.505+/-0.050 χ^2/NDF : 1656817.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -452.488 $\pm$ 98.201 χ^2 /NDF: 27.8/15

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

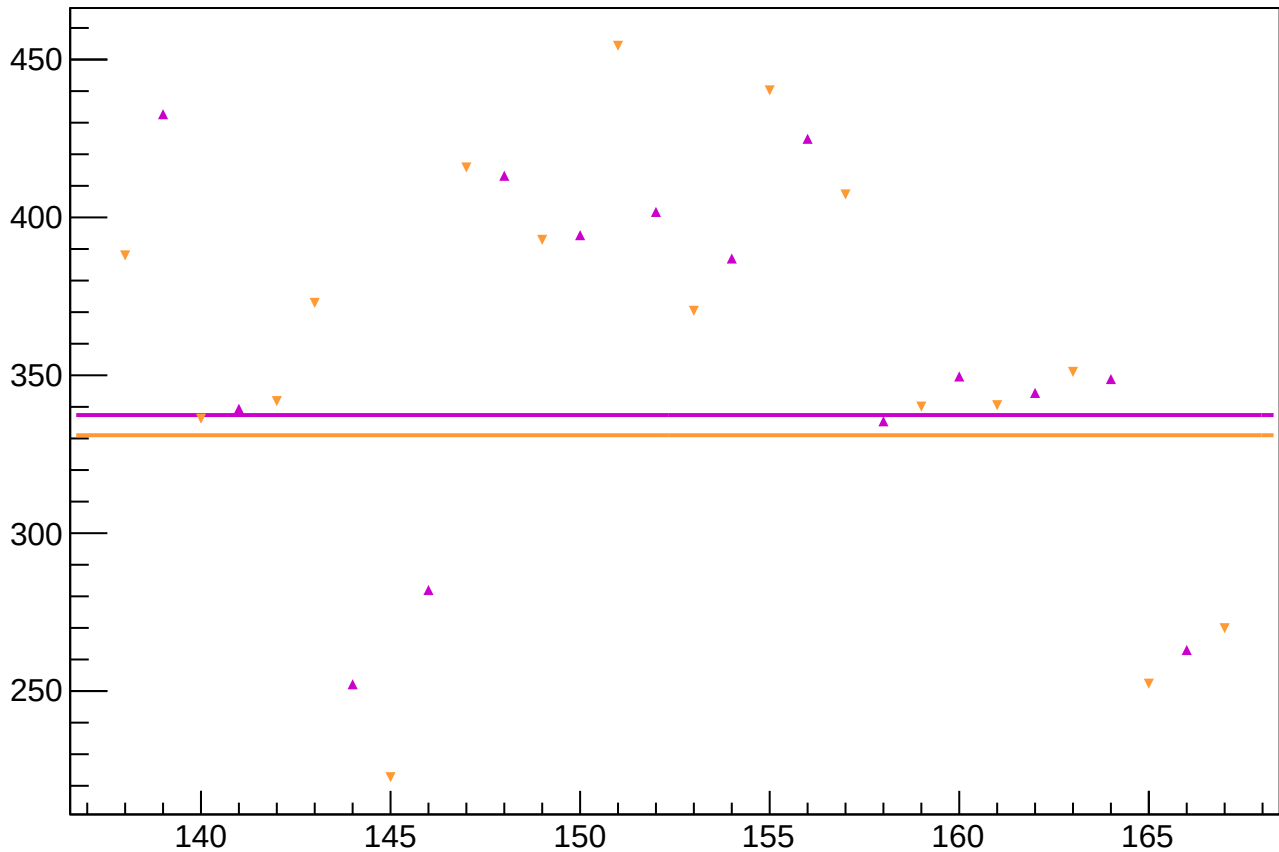
Left In: 185.443 $\pm$ 103.843 χ^2 /NDF: 17.8/13

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

All: -151.324 $\pm$ 71.350 χ^2 /NDF: 65.5/29

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

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 331.022+/-0.069 χ^2/NDF : 995952.6/15

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

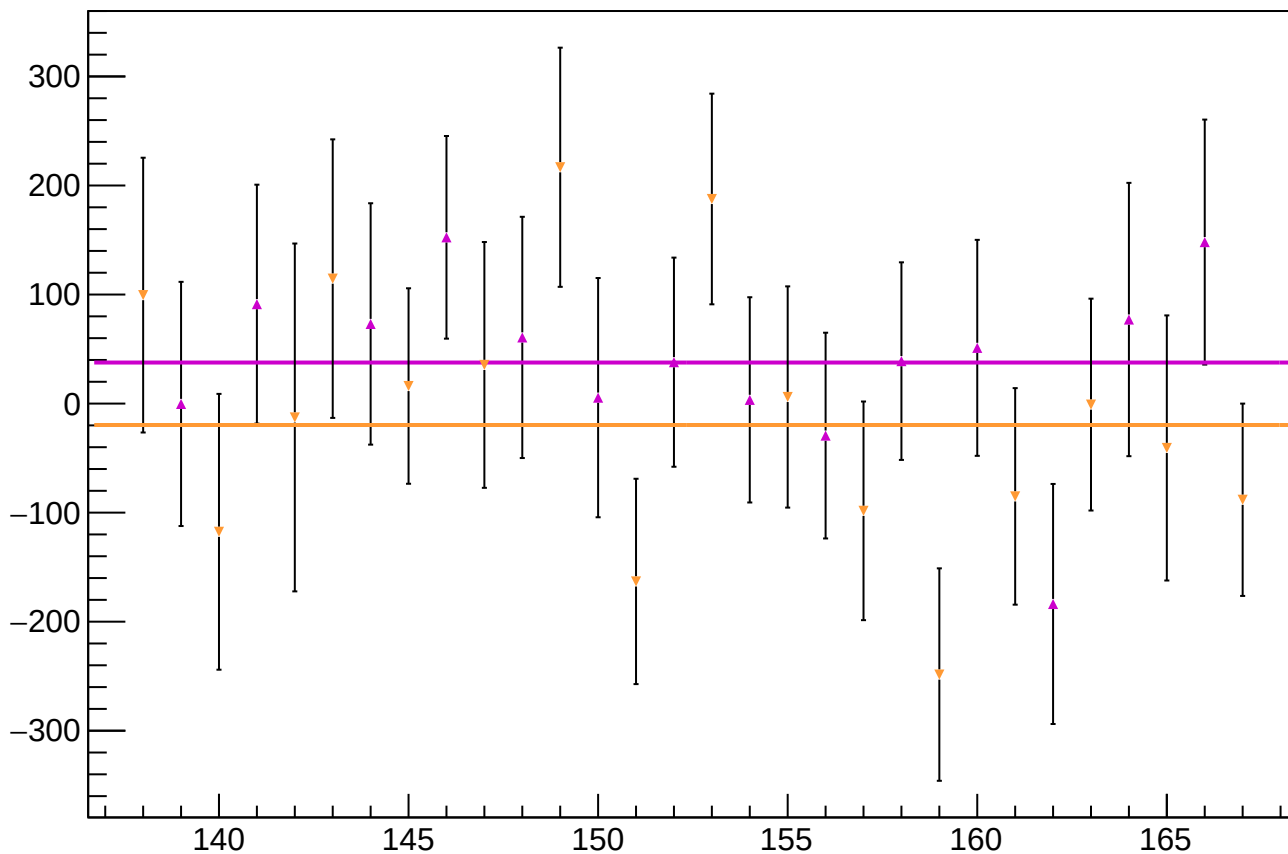
Left In: 337.407+/-0.073 χ^2/NDF : 643097.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.036+/-0.050 χ^2/NDF : 1643041.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



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

Left Out: -19.642 $\pm$ 26.369 χ^2 /NDF:21.9/15

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

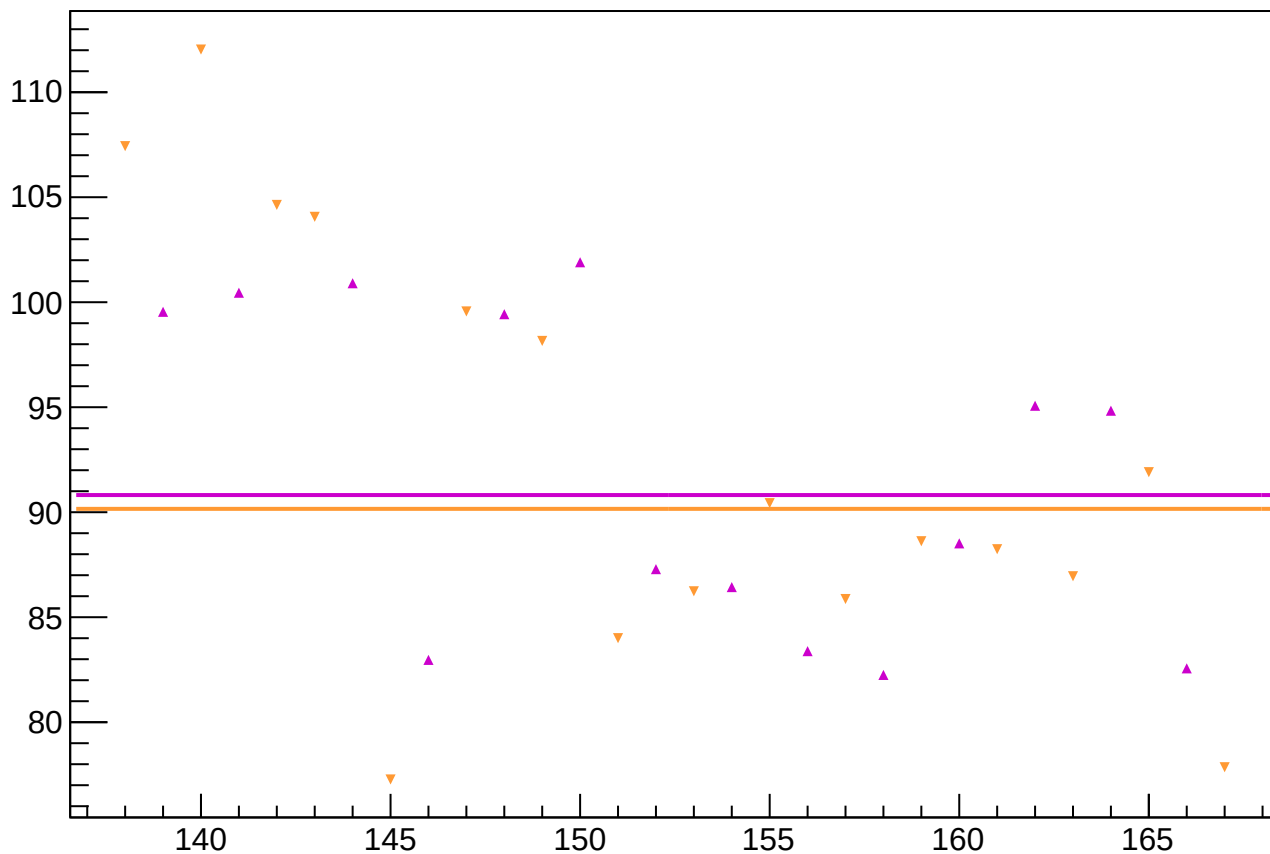
Left In: 37.640 $\pm$ 27.644 χ^2 /NDF:7.9/13

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

All: 7.648 $\pm$ 19.081 χ^2 /NDF: 32.0/29

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

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 90.160+/-0.019 χ^2/NDF :261787.4/15

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

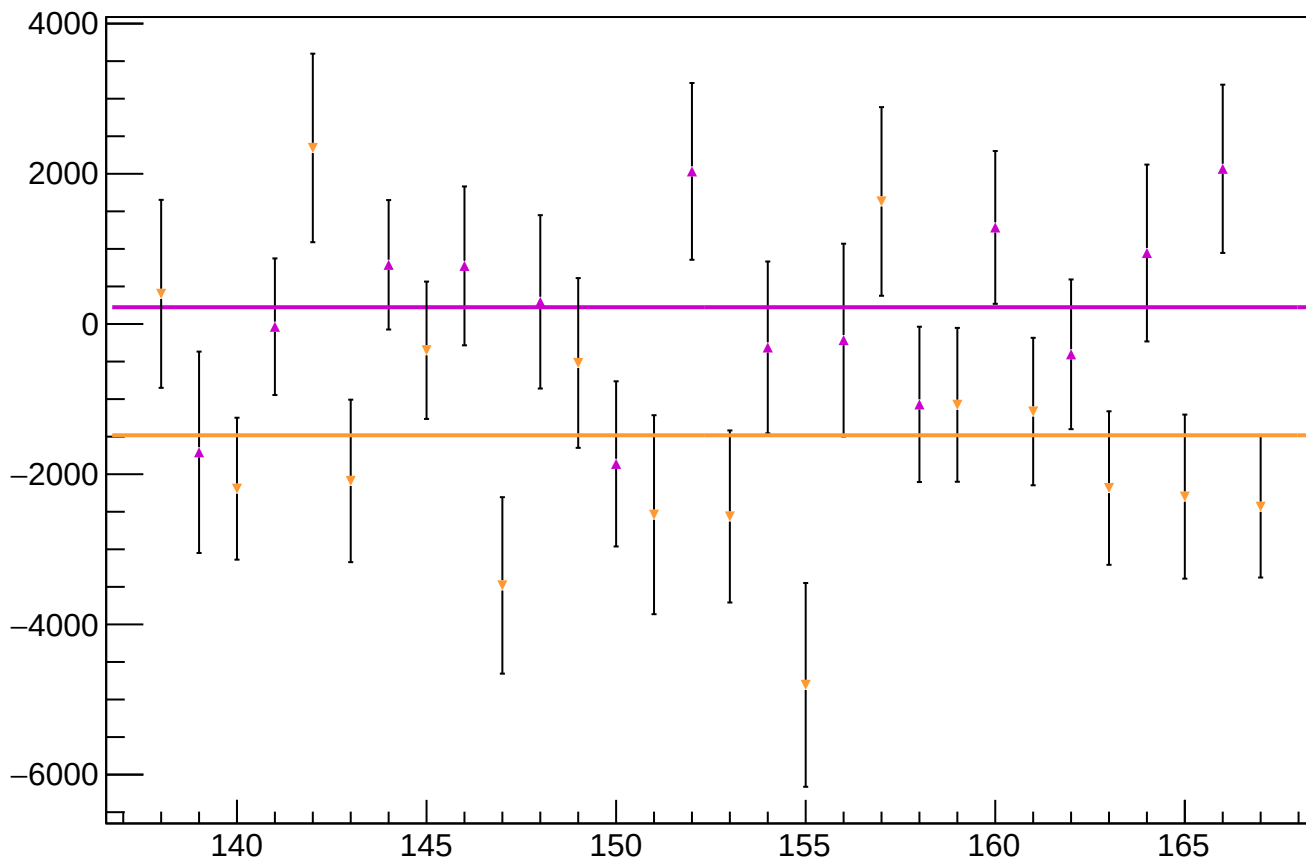
Left In: 90.817+/-0.020 χ^2/NDF :145289.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.473+/-0.013 χ^2/NDF : 407669.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -1481.484 $\pm$ 273.472 χ^2 /NDF:33.6/15

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

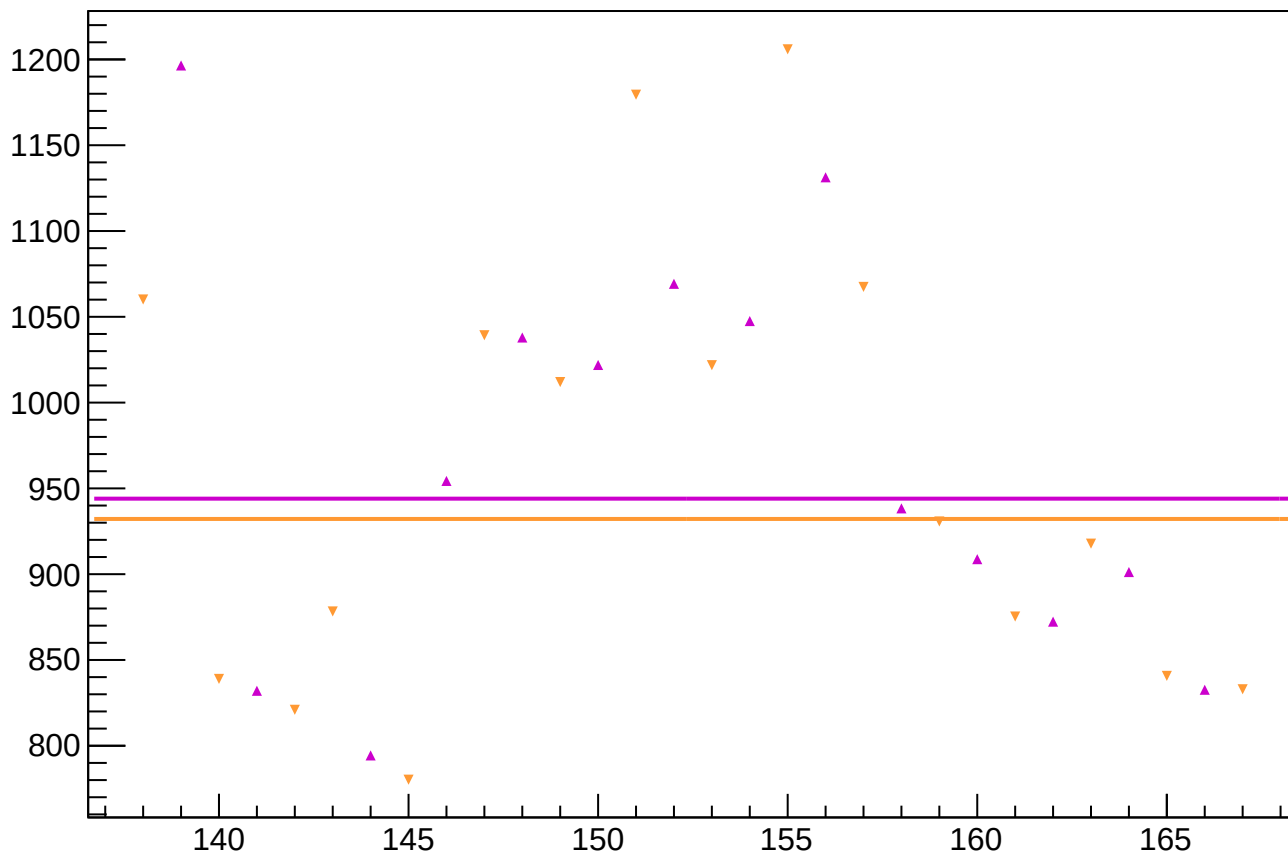
Left In: 223.419 $\pm$ 287.461 χ^2 /NDF:15.3/13

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

All: -671.523 $\pm$ 198.135 χ^2 /NDF: 67.3/29

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

asym_sam_24_68_dd_correction_rms vs Slug



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

Left Out: 932.187+/-0.193 χ^2/NDF : 372674.8/15

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

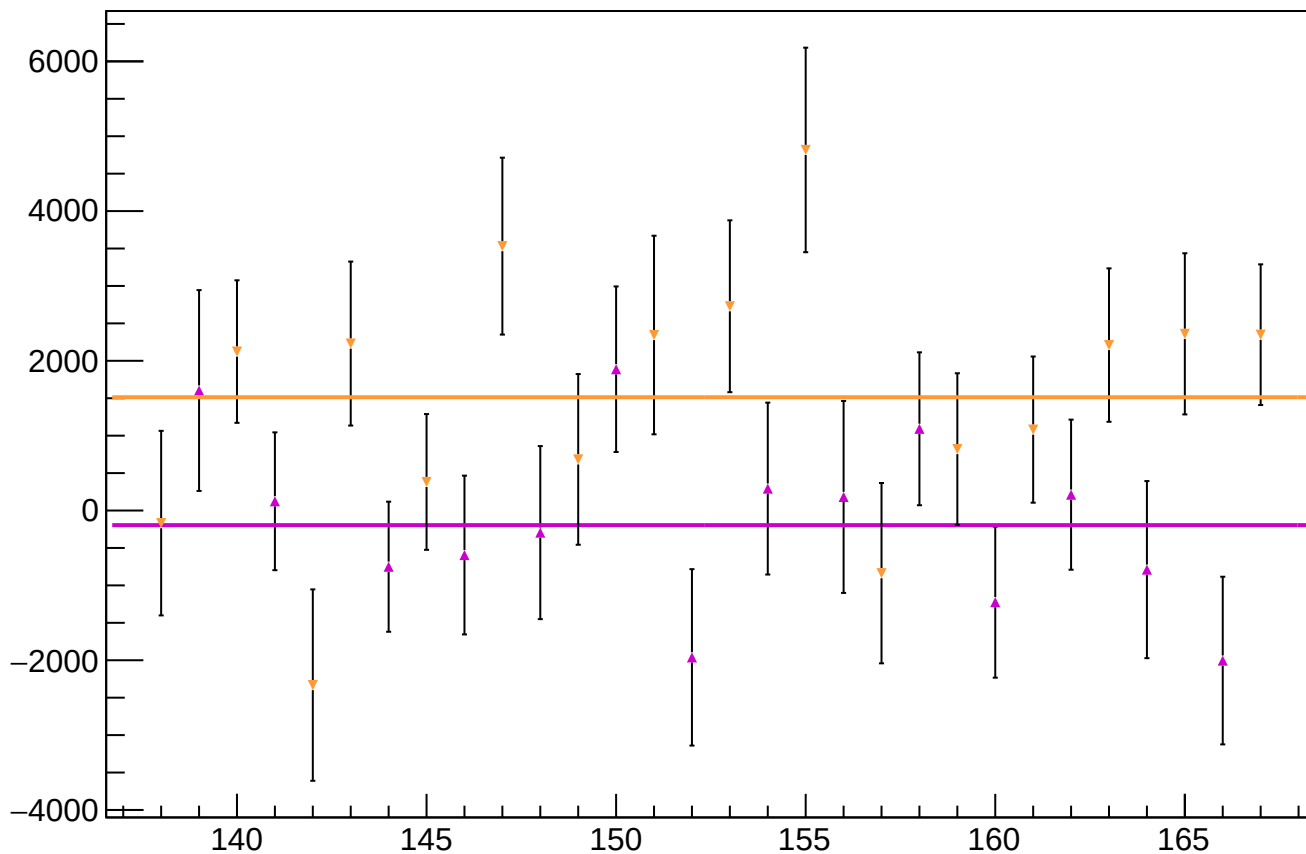
Left In: 944.018+/-0.203 χ^2/NDF : 301840.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 937.808+/-0.140 χ^2/NDF : 676293.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_mean vs Slug



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

Left Out: 1513.304+/-272.853 χ^2/NDF : 30.5/15

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

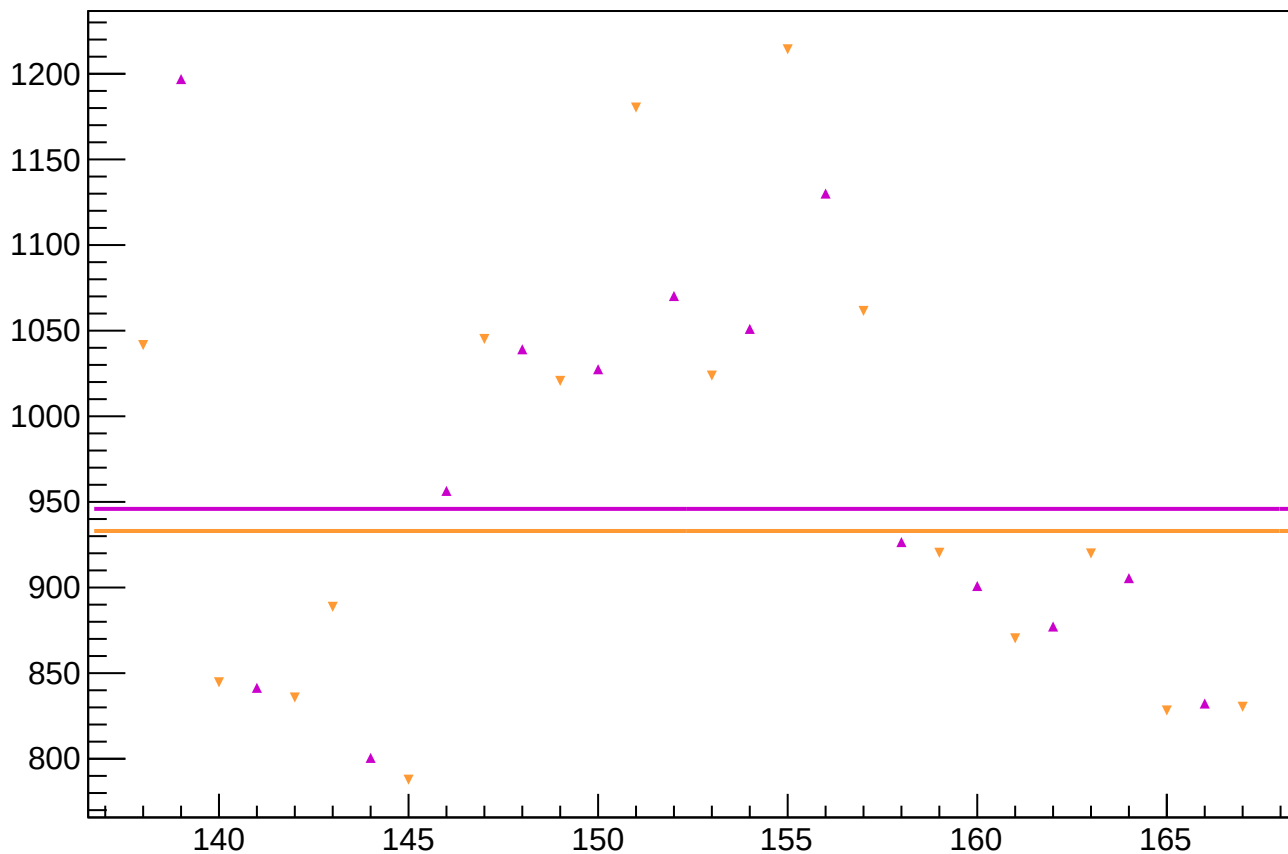
Left In: -195.065+/-288.059 χ^2/NDF : 14.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 705.398+/-198.094 χ^2/NDF : 63.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_rms vs Slug



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

Left Out: 933.018+/-0.193 χ^2/NDF : 369957.0/15

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

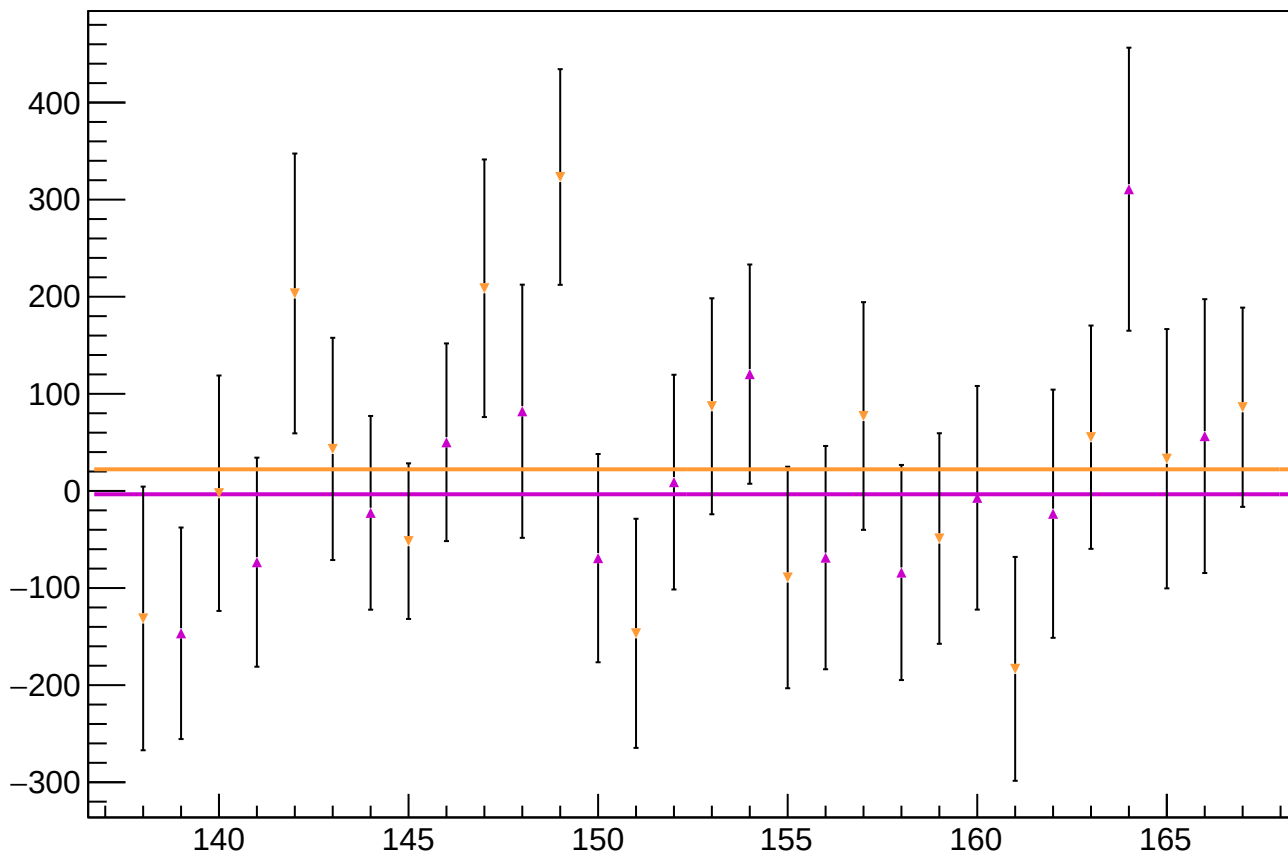
Left In: 945.927+/-0.204 χ^2/NDF : 293191.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.123+/-0.140 χ^2/NDF : 665265.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 22.275 $\pm$ 28.515 χ^2 /NDF:20.8/15

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

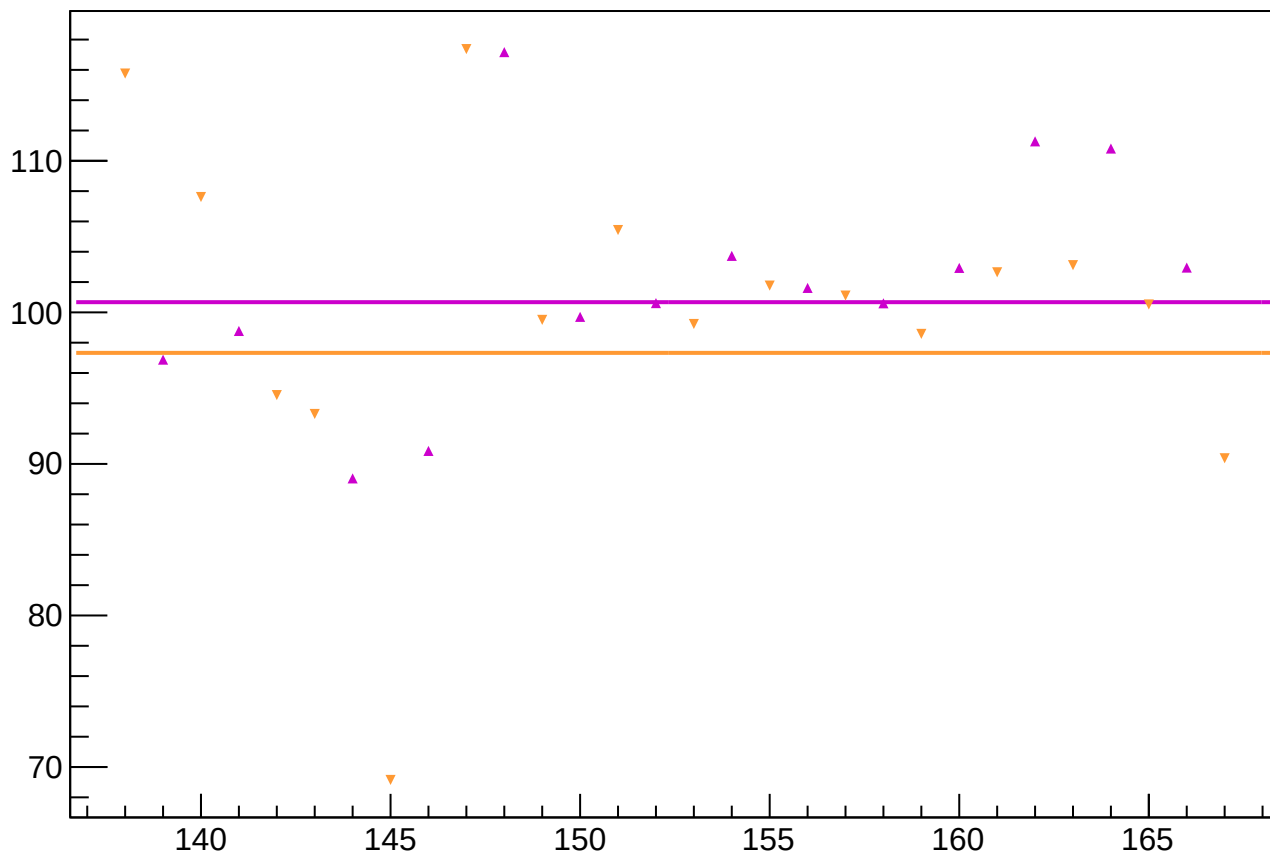
Left In: -3.438 $\pm$ 30.647 χ^2 /NDF:10.2/13

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

All: 10.343 $\pm$ 20.876 χ^2 /NDF: 31.3/29

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

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 97.328+/-0.020 χ^2/NDF : 383328.1/15

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

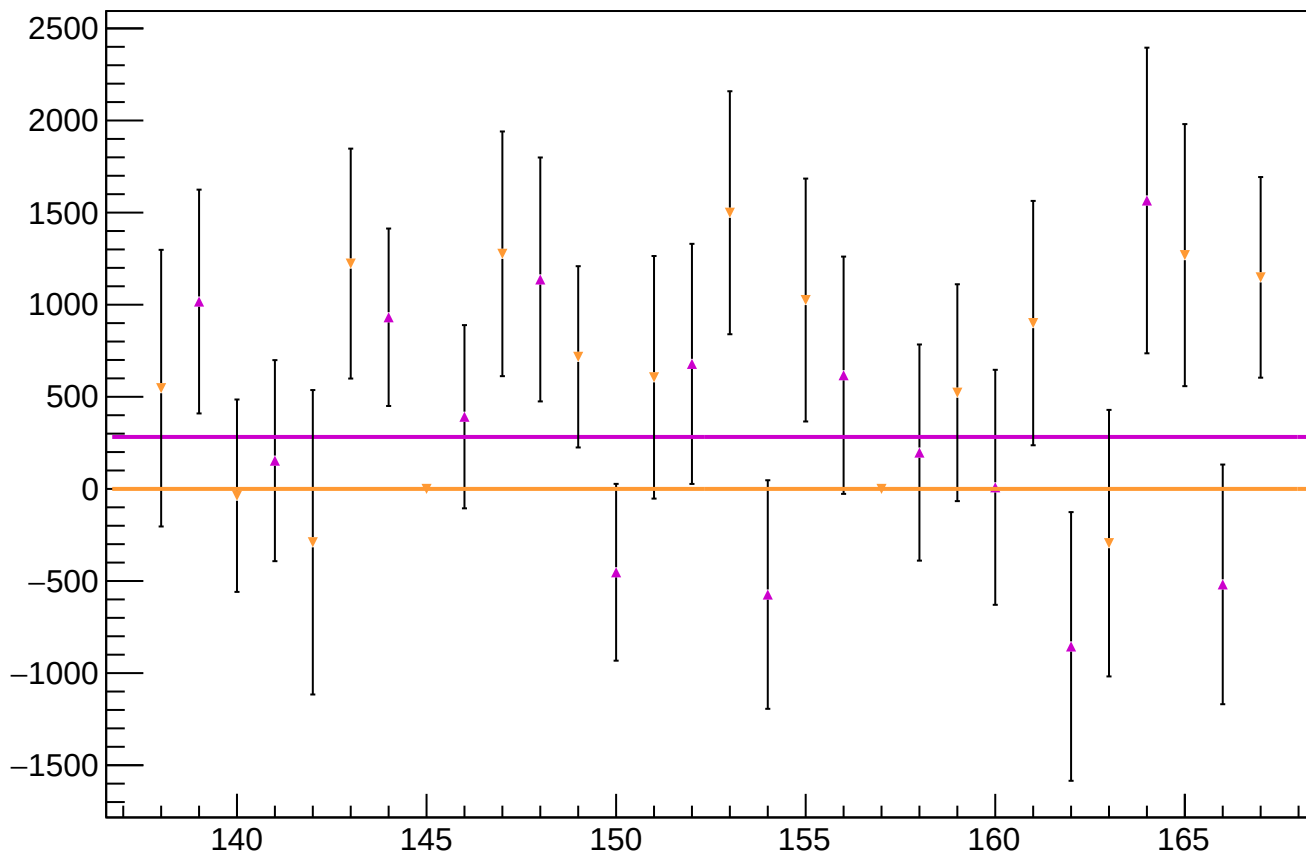
Left In: 100.673+/-0.022 χ^2/NDF : 107367.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.880+/-0.015 χ^2/NDF : 503467.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: -0.000+/-0.000 χ^2/NDF : 29.5/15

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

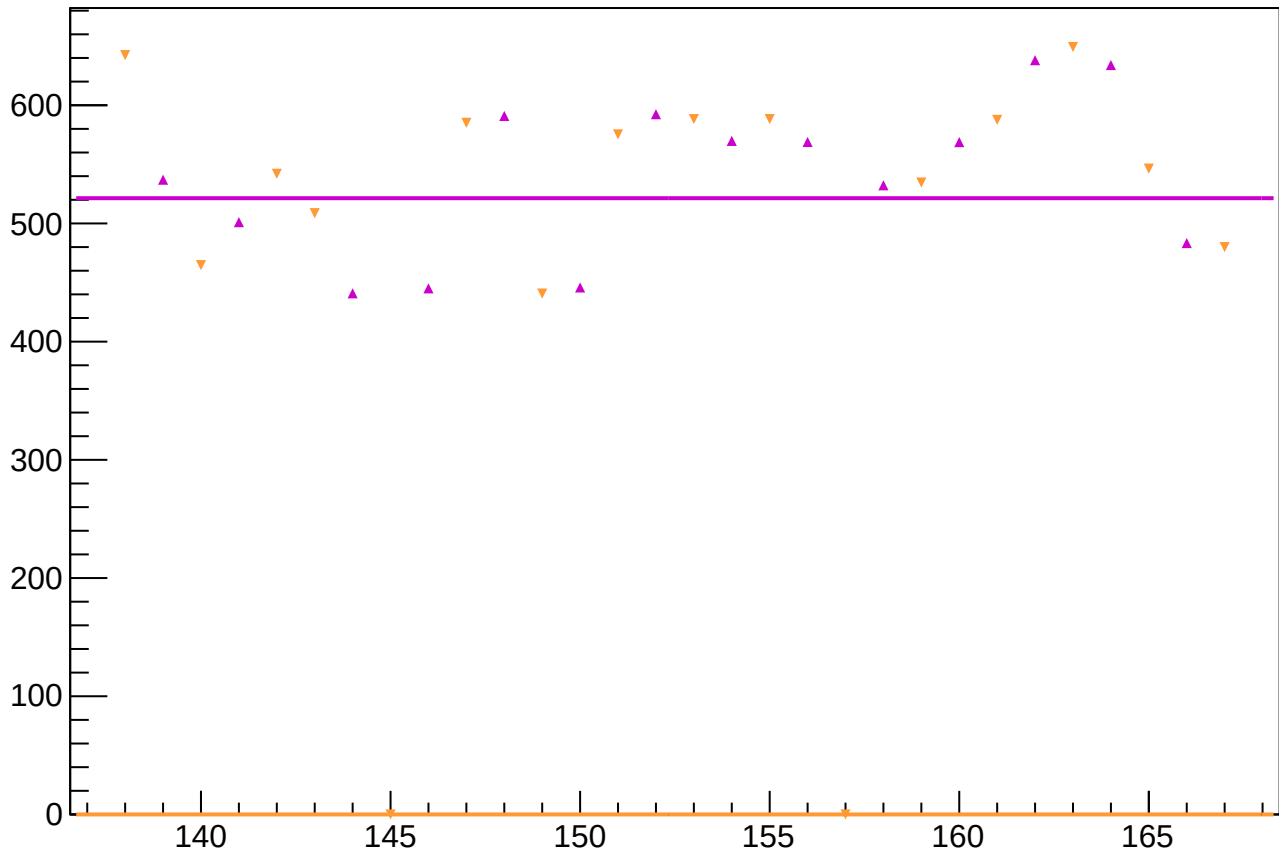
Left In: 282.105+/-159.185 χ^2/NDF : 16.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 49.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF : 20666514.4/15

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

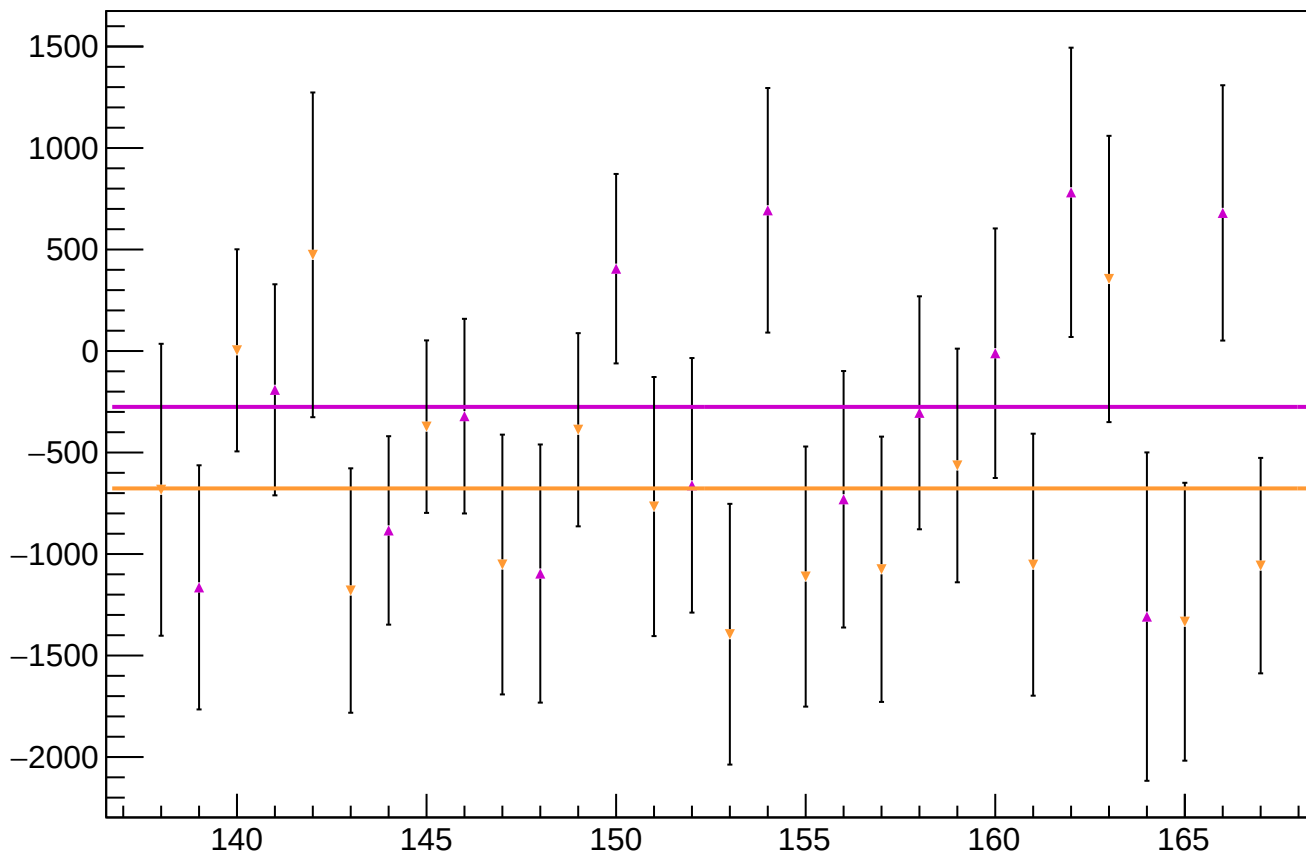
Left In: 521.360+/-0.113 χ^2/NDF : 332150.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 42452396.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -676.825 $\pm$ 148.304 χ^2 /NDF:11.9/15

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

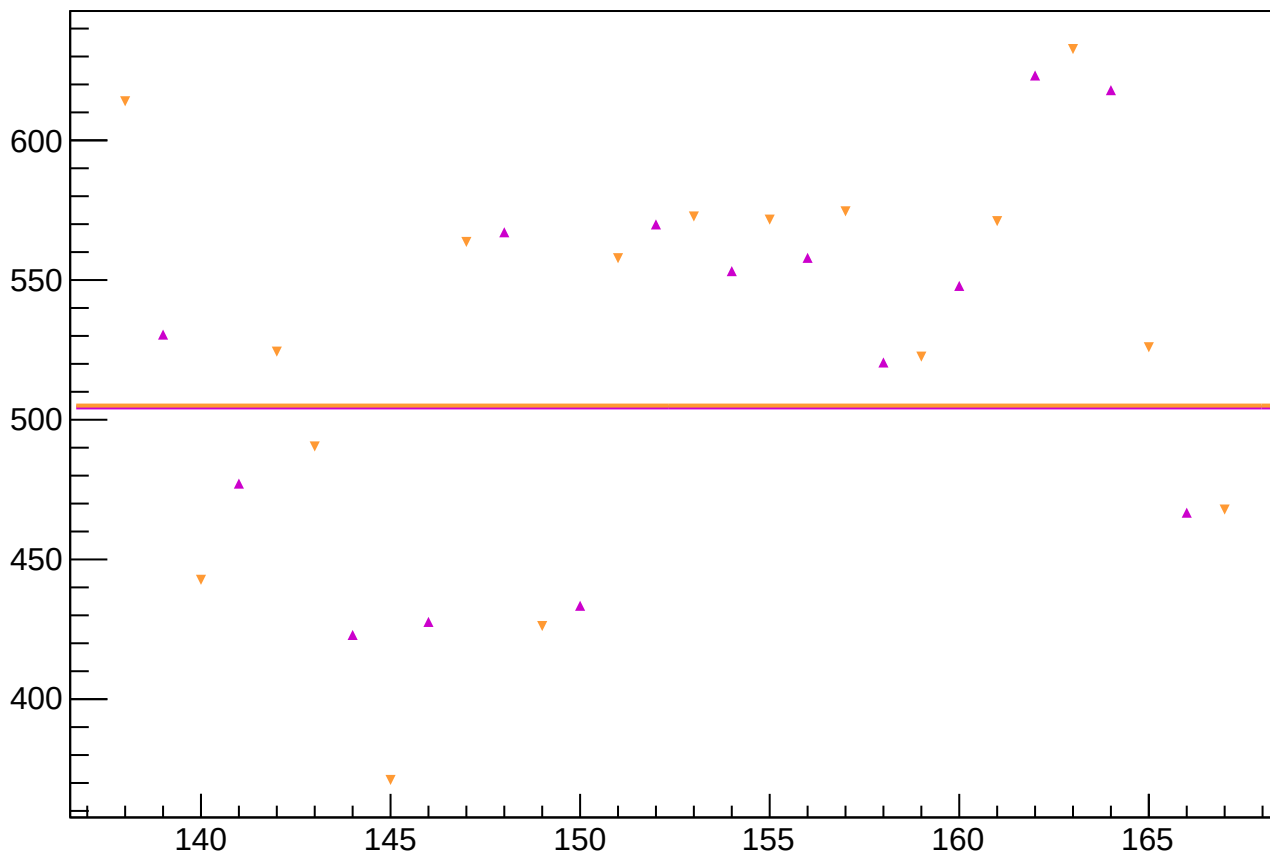
Left In: -275.189 $\pm$ 154.233 χ^2 /NDF:17.5/13

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

All: -483.874 $\pm$ 106.901 χ^2 /NDF: 33.0/29

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

asym_sam_26_48_dd_rms vs Slug



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

Left Out: 505.073+/-0.105 χ^2/NDF : 530297.4/15

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

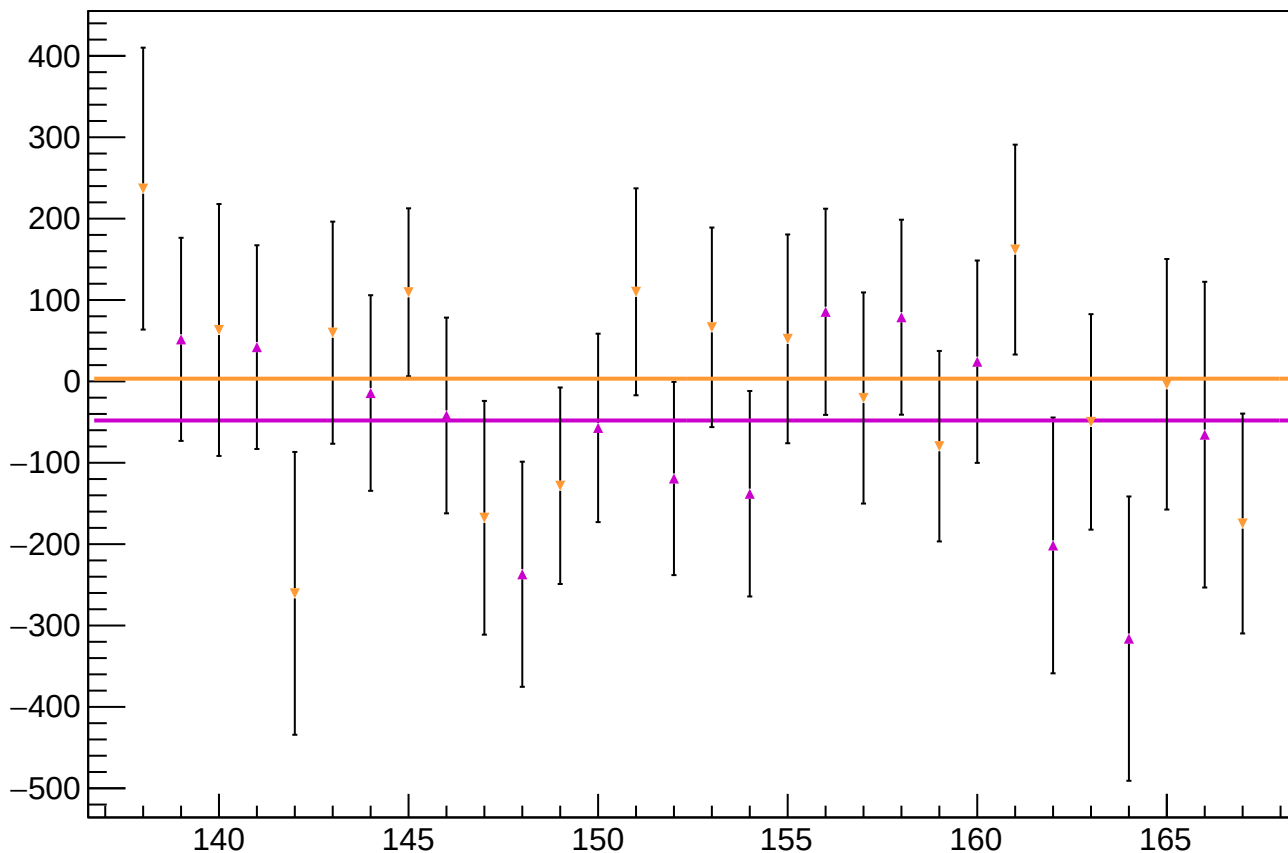
Left In: 504.405+/-0.109 χ^2/NDF : 350871.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.752+/-0.076 χ^2/NDF : 881188.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 3.337 $\pm$ 33.176 χ^2 /NDF:13.2/15

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

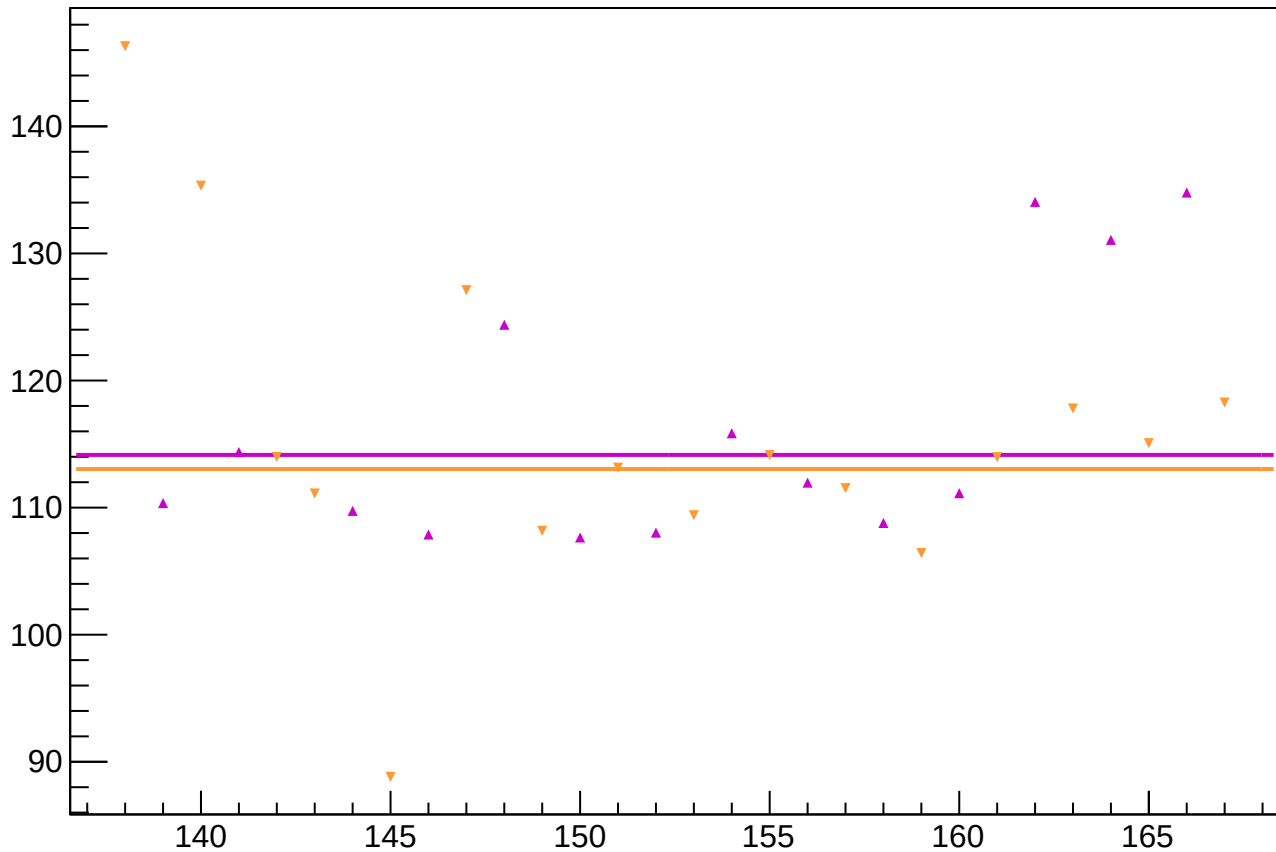
Left In: -48.032 $\pm$ 34.811 χ^2 /NDF:9.9/13

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

All: -21.113 $\pm$ 24.016 χ^2 /NDF: 24.2/29

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

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 113.037±/-0.023 χ^2 /NDF:262923.3/15

Right Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

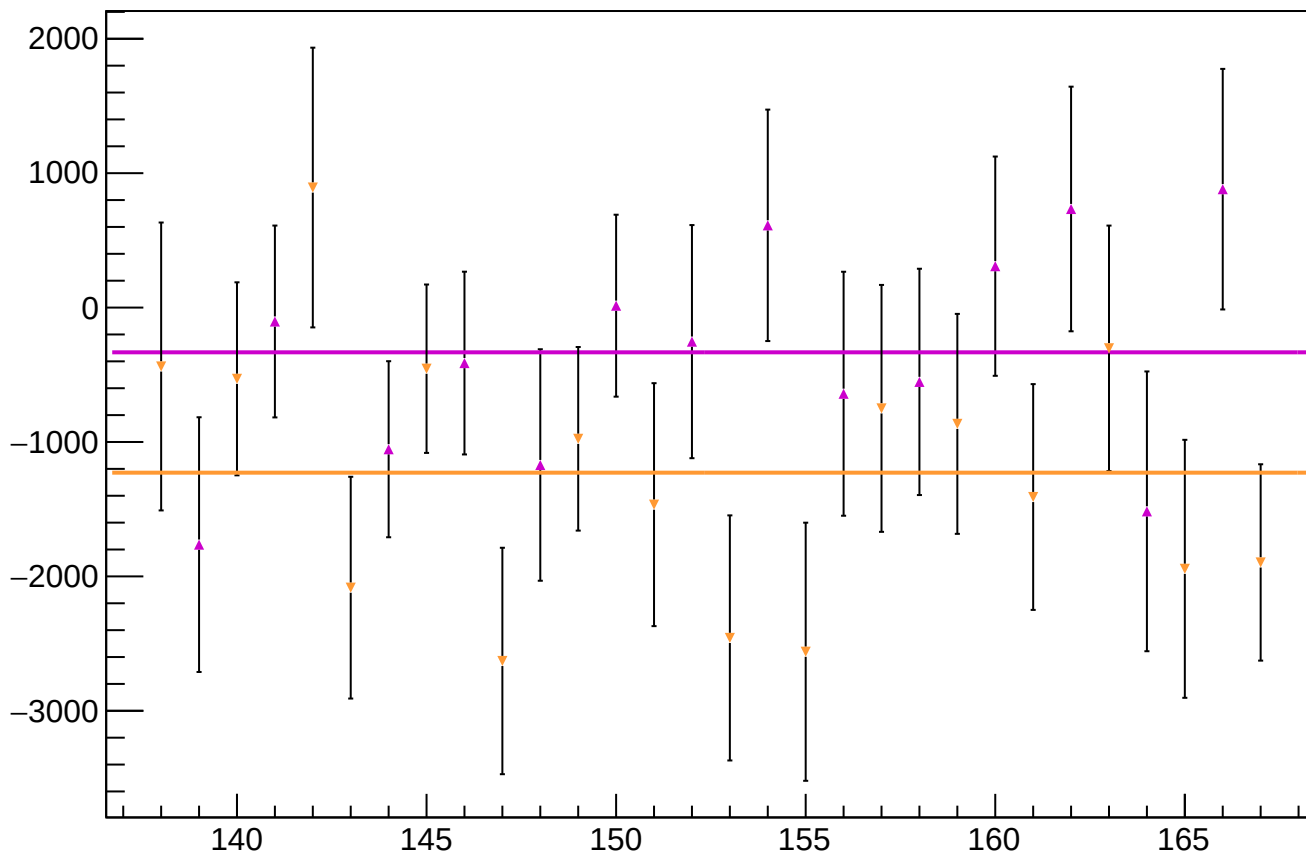
Left In: 114.147±/-0.025 χ^2 /NDF:113670.6/13

+ sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

All: 113.566±/-0.017 χ^2 /NDF: 377658.9/29

- sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -1228.271+/-208.186 χ^2/NDF :17.9/15

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

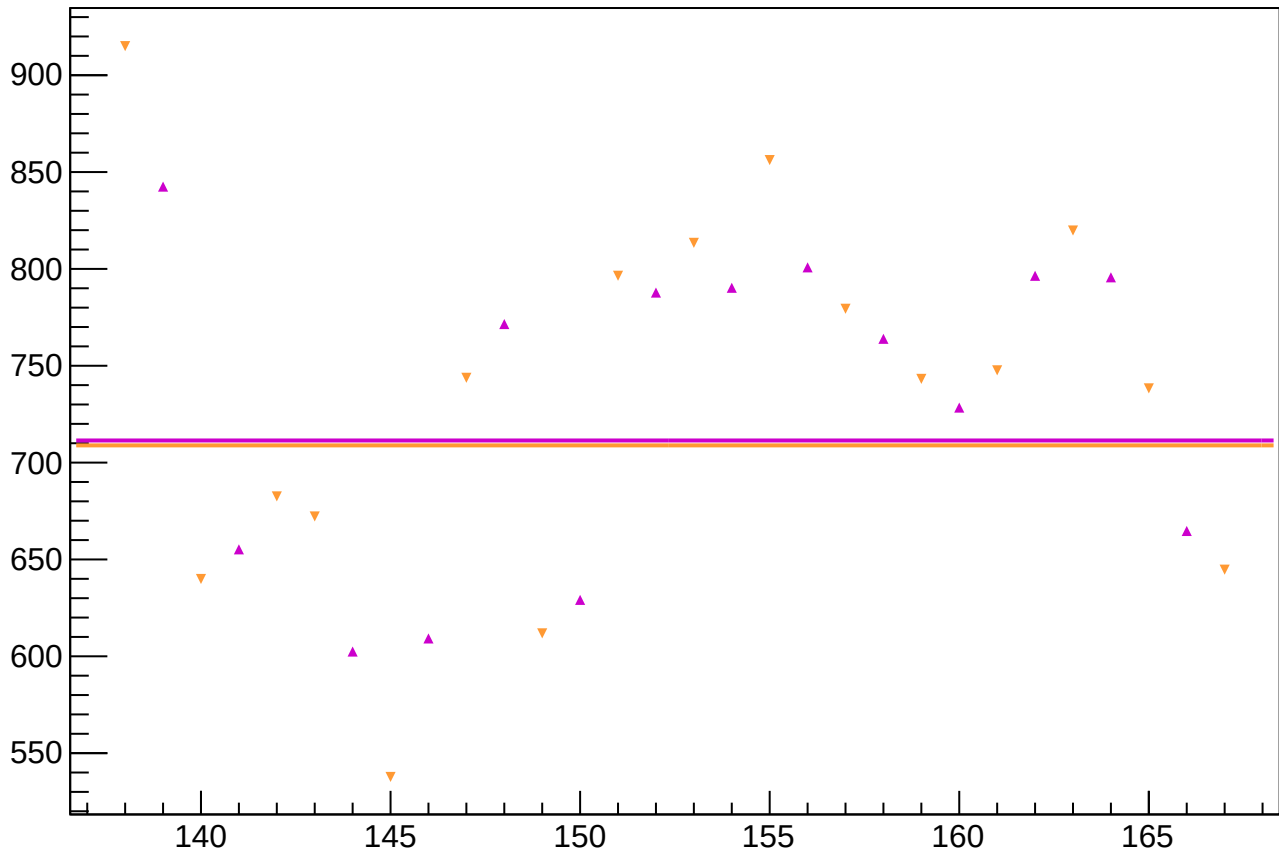
Left In: -332.849+/-216.736 χ^2/NDF :11.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -798.570+/-150.141 χ^2/NDF : 38.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 708.892+/-0.147 χ^2/NDF : 449437.9/15

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

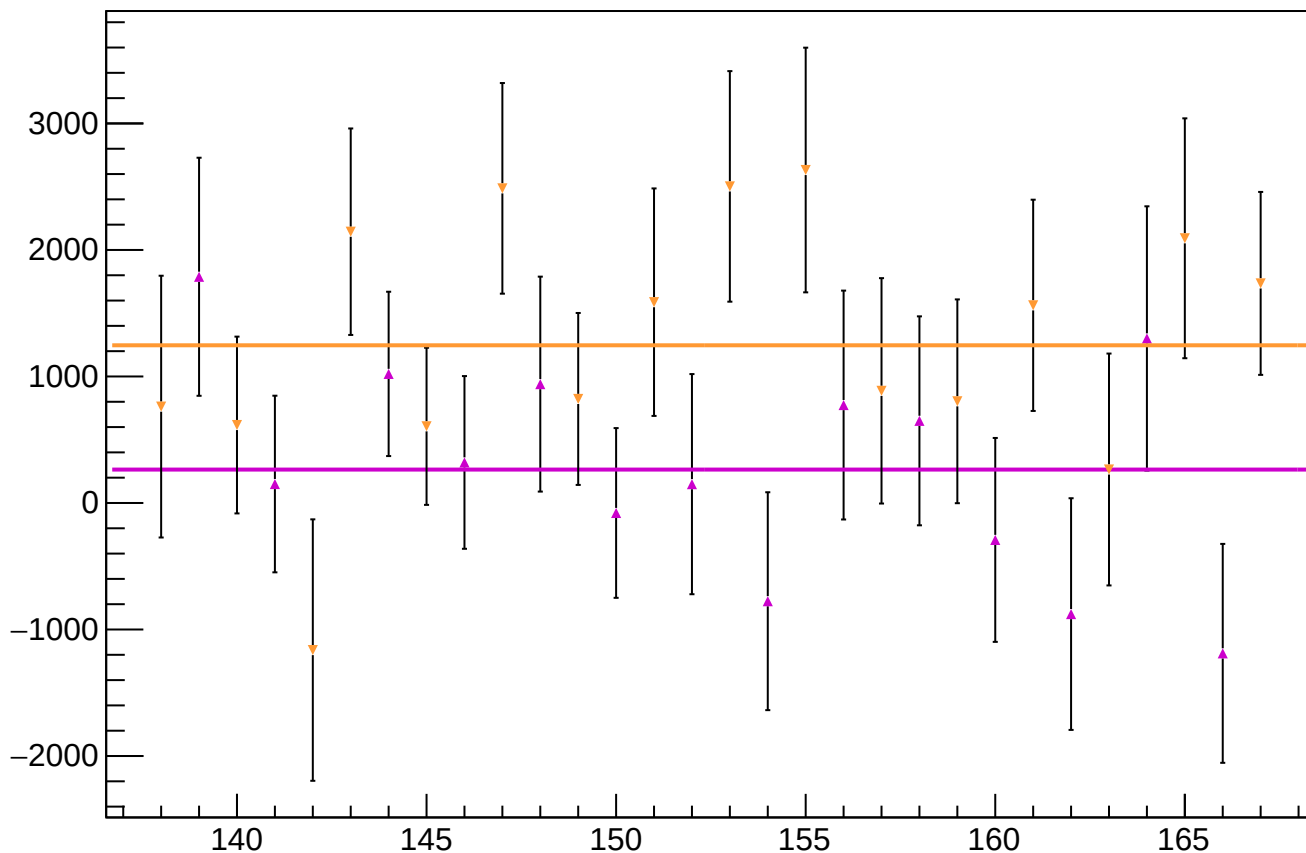
Left In: 711.427+/-0.153 χ^2/NDF : 286835.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.108+/-0.106 χ^2/NDF : 736416.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1246.467+/-205.912 χ^2/NDF :18.5/15

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

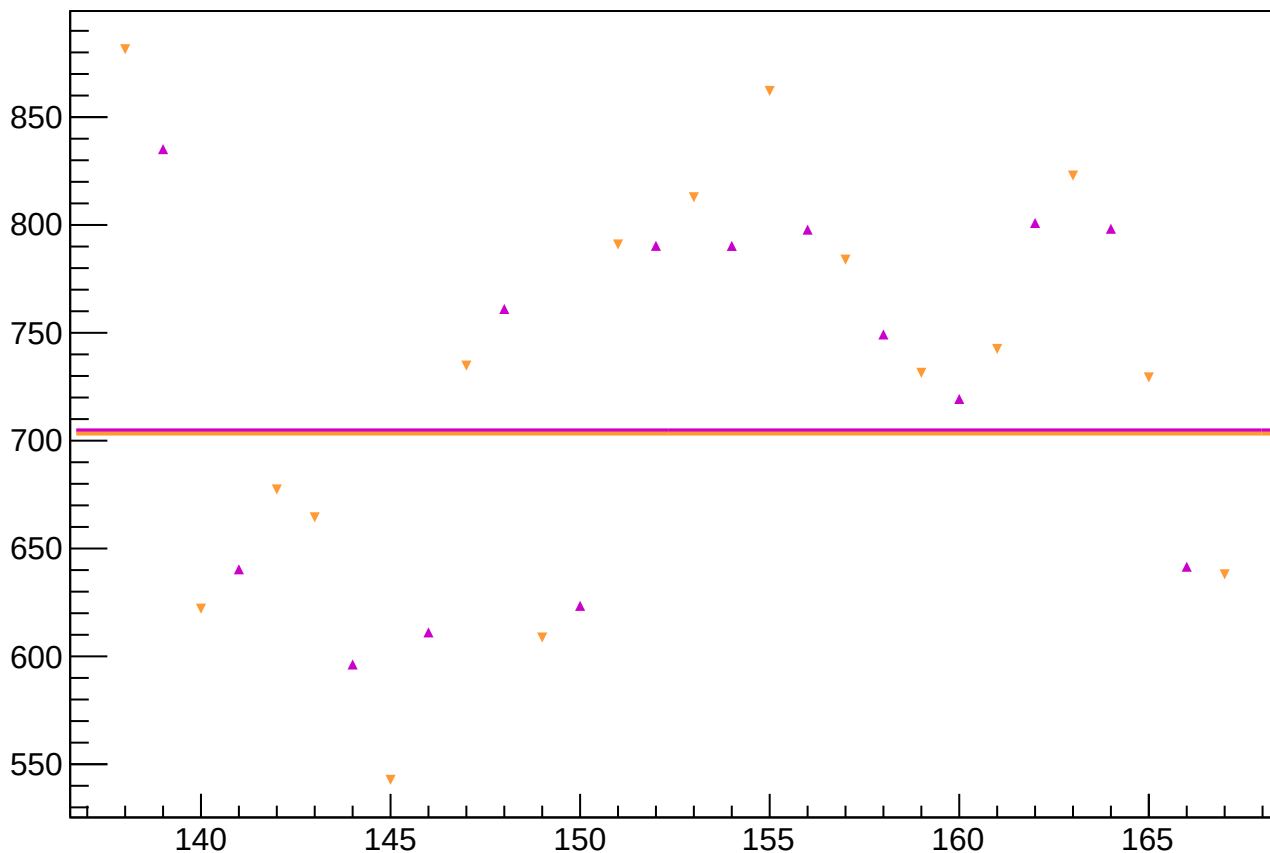
Left In: 264.090+/-214.916 χ^2/NDF :12.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.287+/-148.683 χ^2/NDF : 42.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



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

Left Out: 703.300+/-0.146 χ^2/NDF : 444291.1/15

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

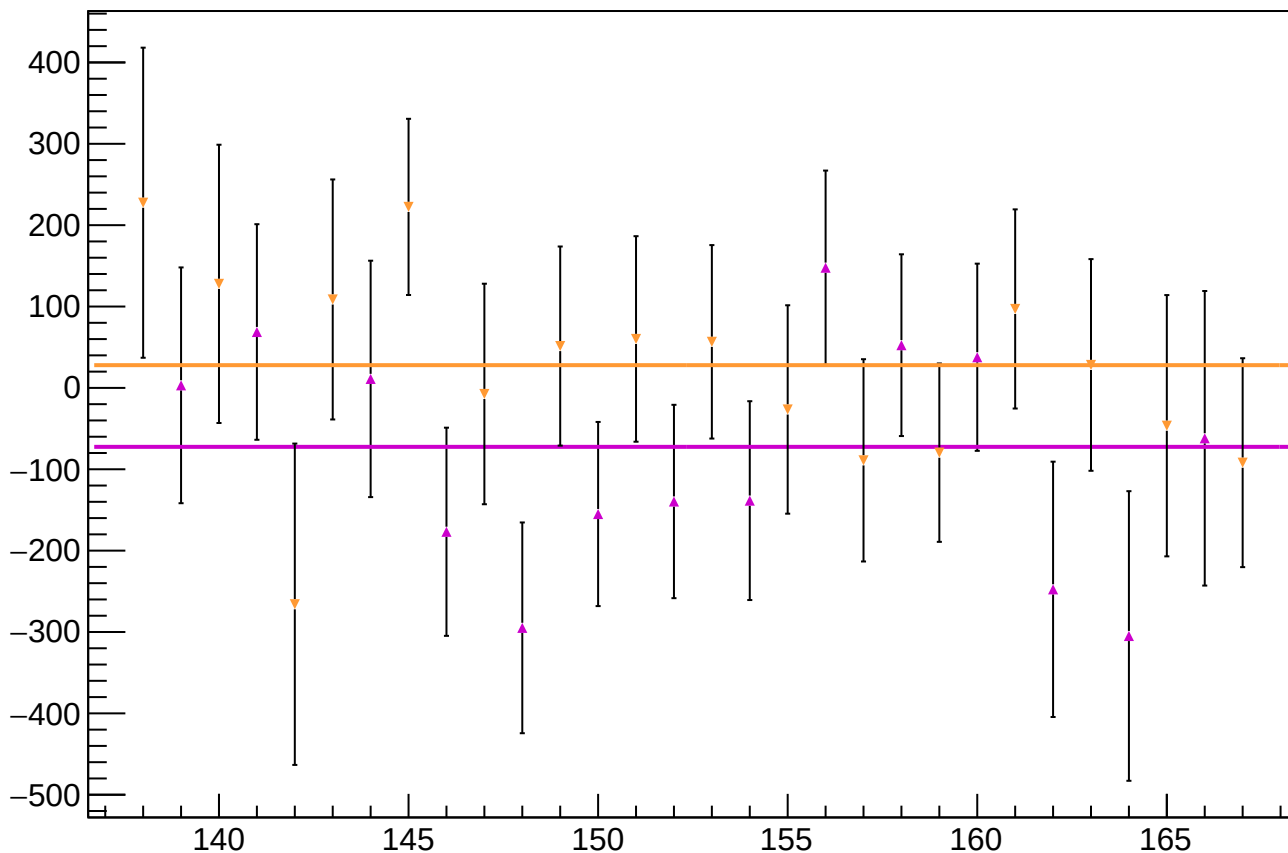
Left In: 704.765+/-0.152 χ^2/NDF : 302569.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.001+/-0.105 χ^2/NDF : 746909.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 27.952 $\pm$ 33.194 χ^2 /NDF:10.8/15

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

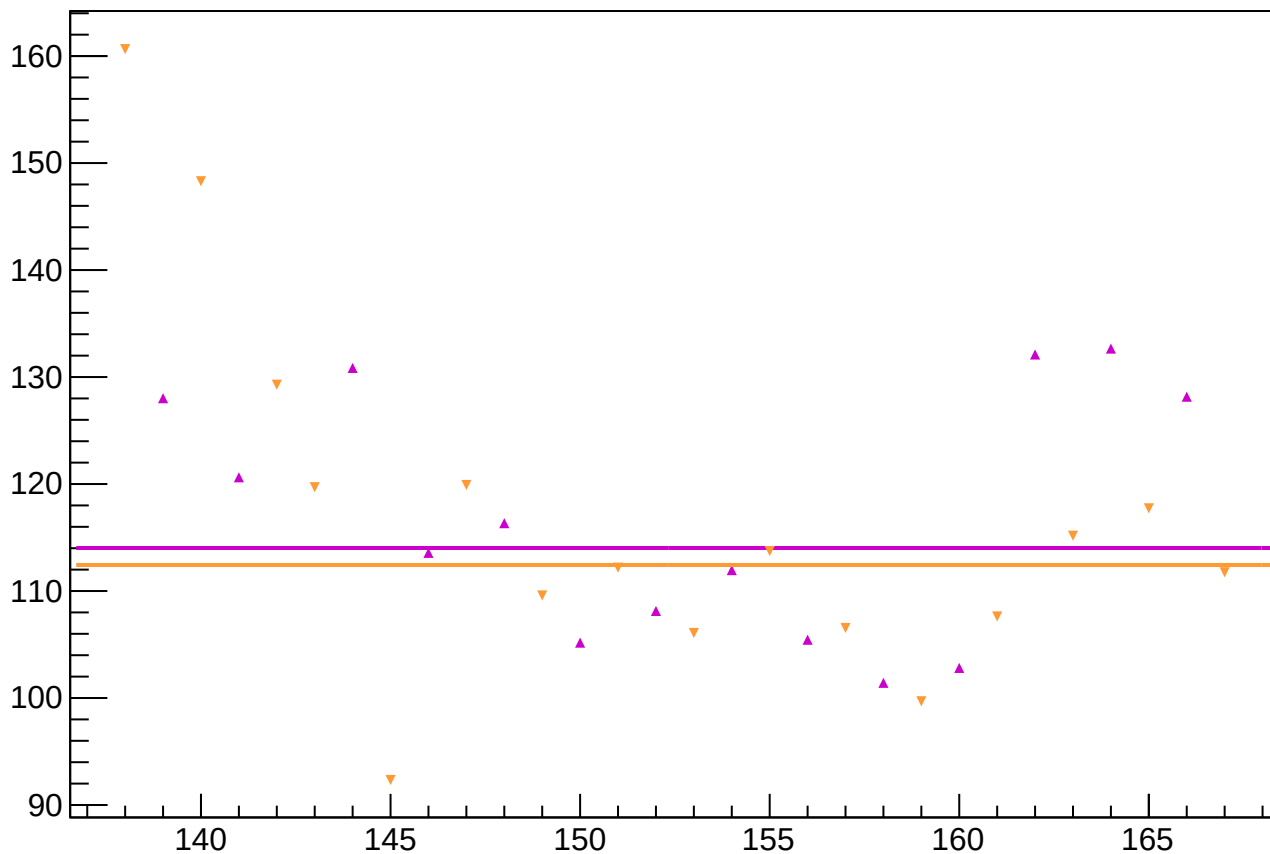
Left In: -72.438 $\pm$ 34.979 χ^2 /NDF:15.0/13

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

All: -19.616 $\pm$ 24.078 χ^2 /NDF: 30.2/29

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

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 112.435+/-0.023 χ^2/NDF : 355153.8/15

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

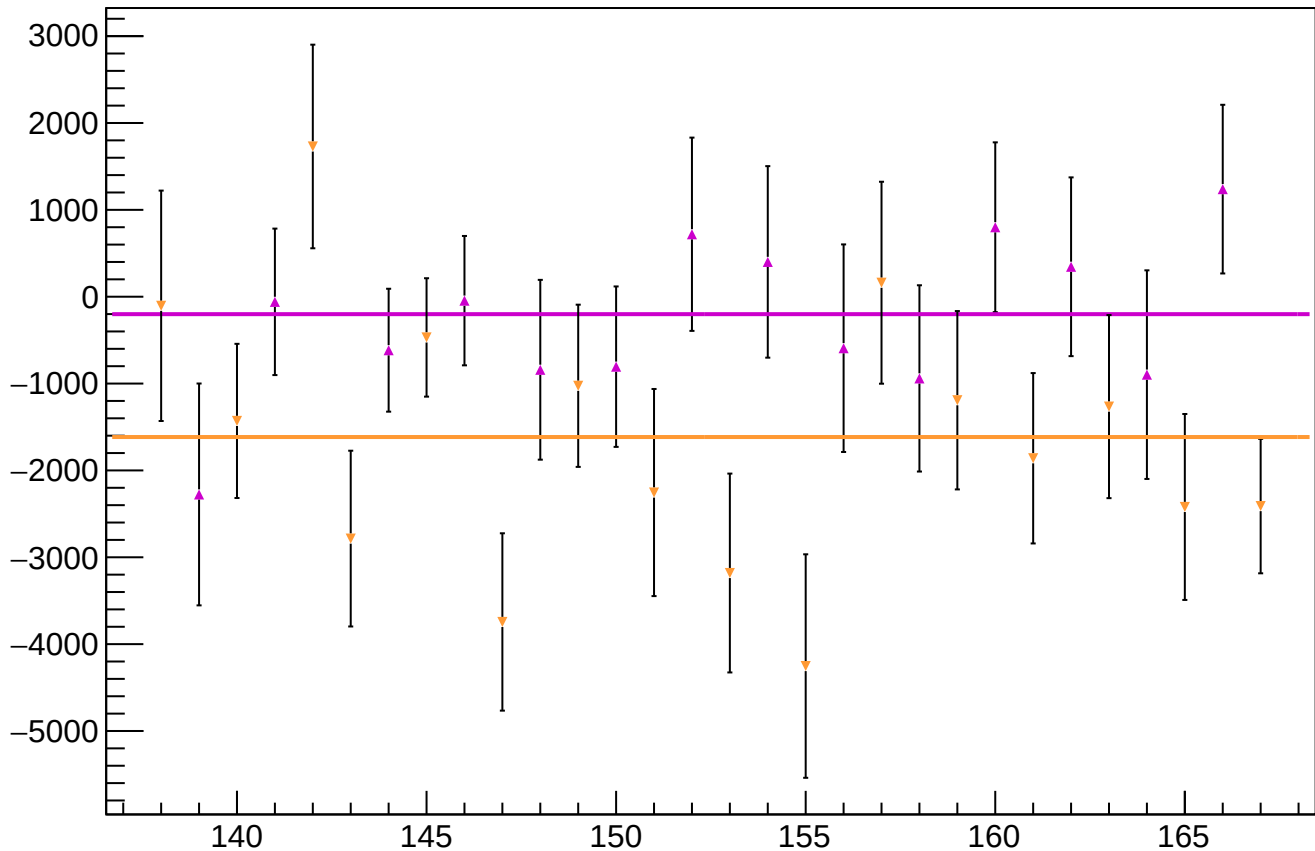
Left In: 114.023+/-0.025 χ^2/NDF : 184336.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.187+/-0.017 χ^2/NDF : 541659.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1615.578+/-249.672 χ^2/NDF : 29.1/15

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

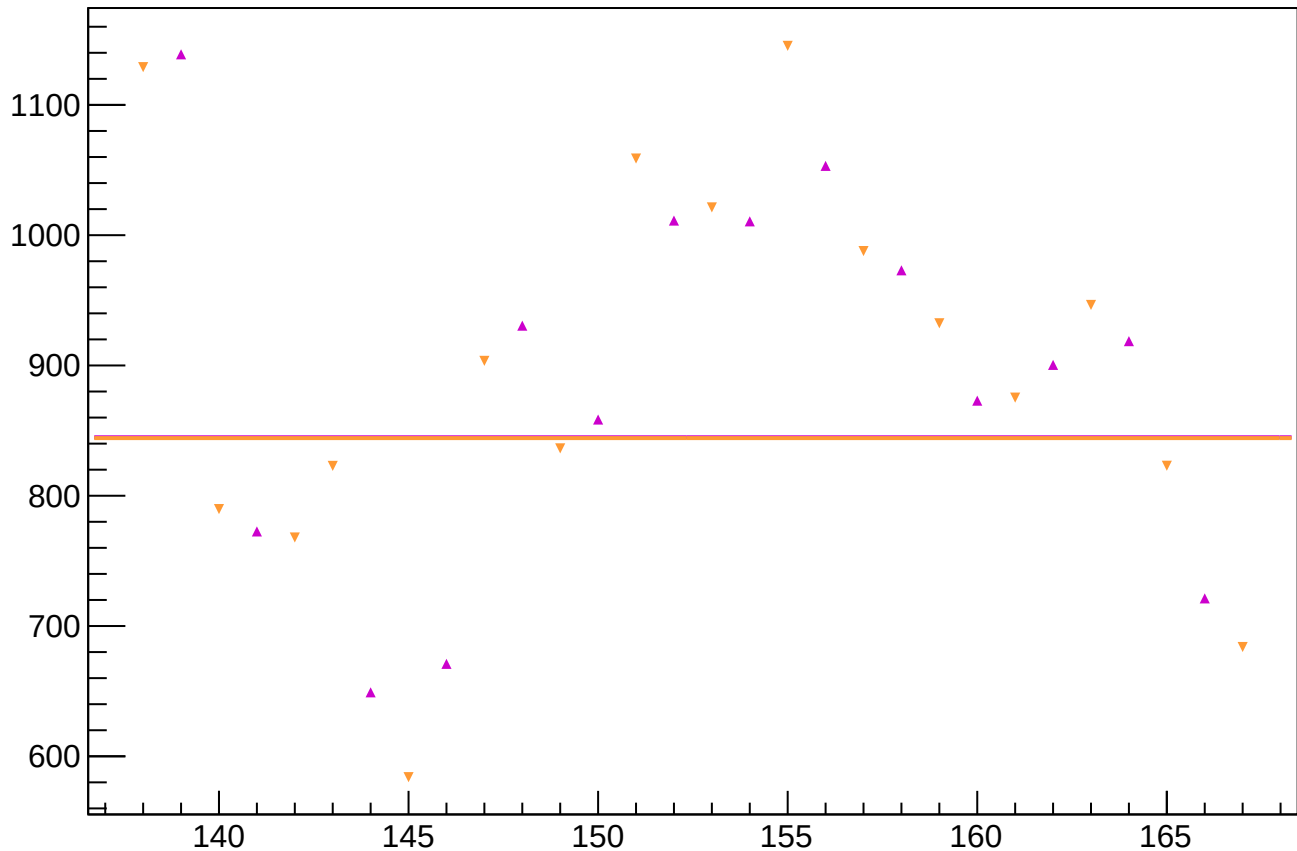
Left In: -200.908+/-259.305 χ^2/NDF : 9.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -935.009+/-179.854 χ^2/NDF : 53.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 844.243+/-0.177 χ^2/NDF : 782422.3/15

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

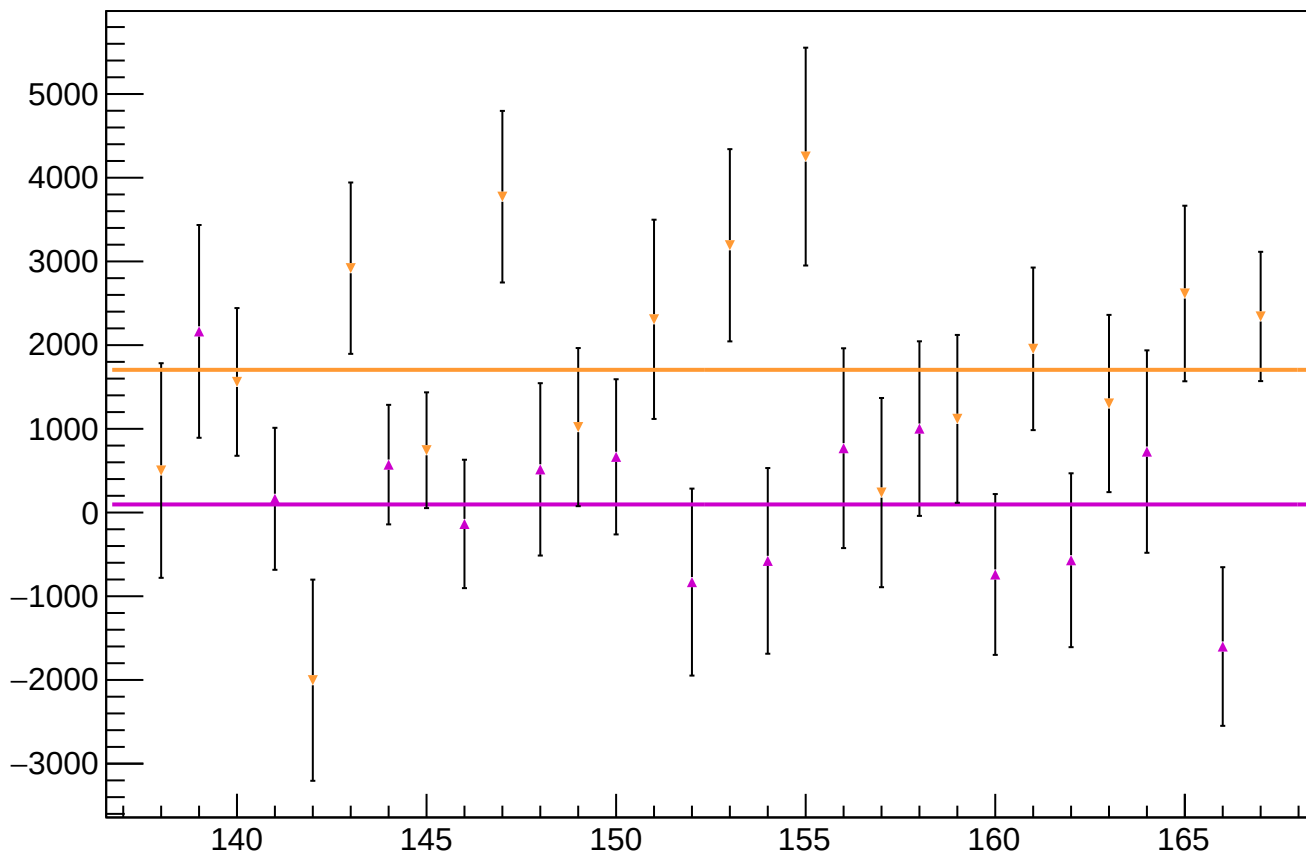
Left In: 844.875+/-0.183 χ^2/NDF : 623706.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 844.547+/-0.127 χ^2/NDF : 1406135.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1704.906+/-249.421 χ^2/NDF :27.8/15

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

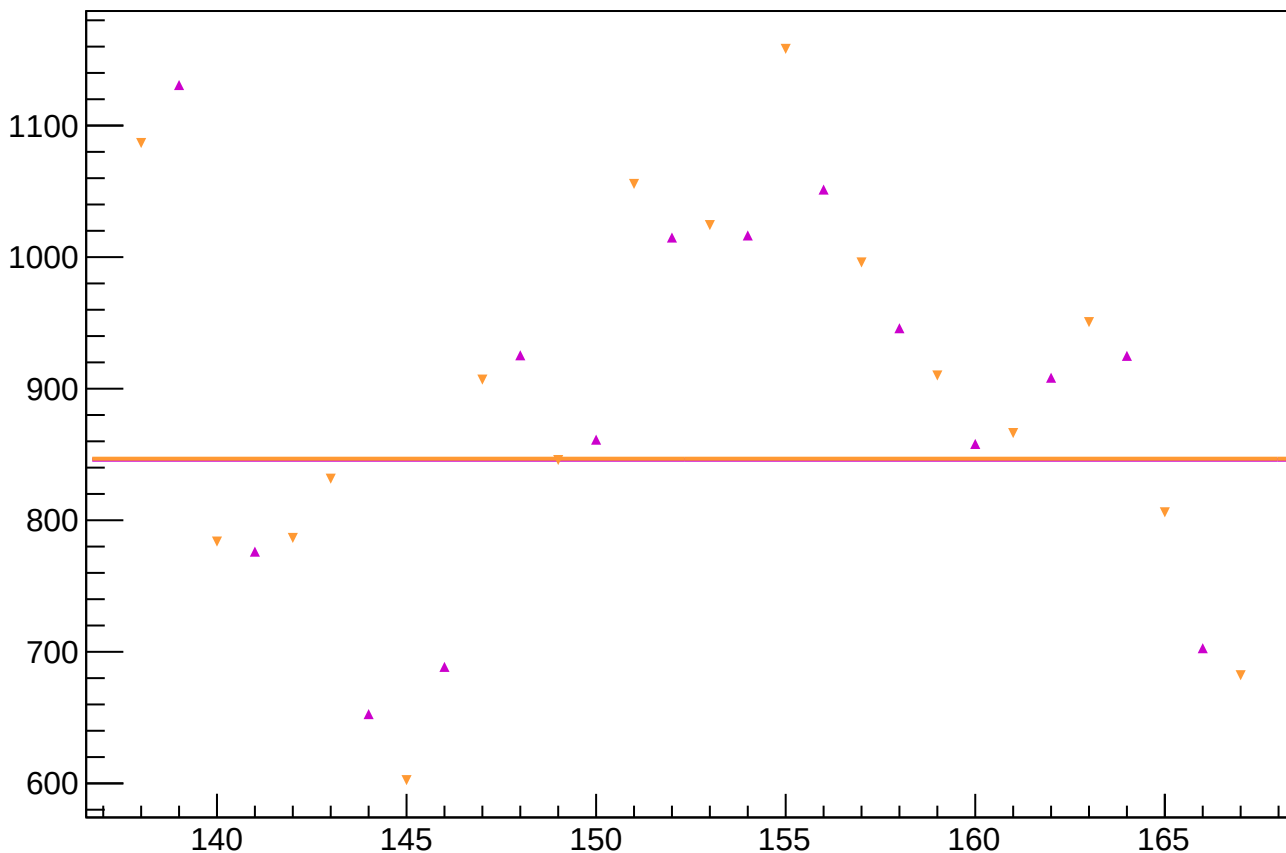
Left In: 96.653+/-259.754 χ^2/NDF :10.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 933.403+/-179.909 χ^2/NDF : 58.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug



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

Left Out: 846.788+/-0.176 χ^2/NDF : 722951.1/15

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

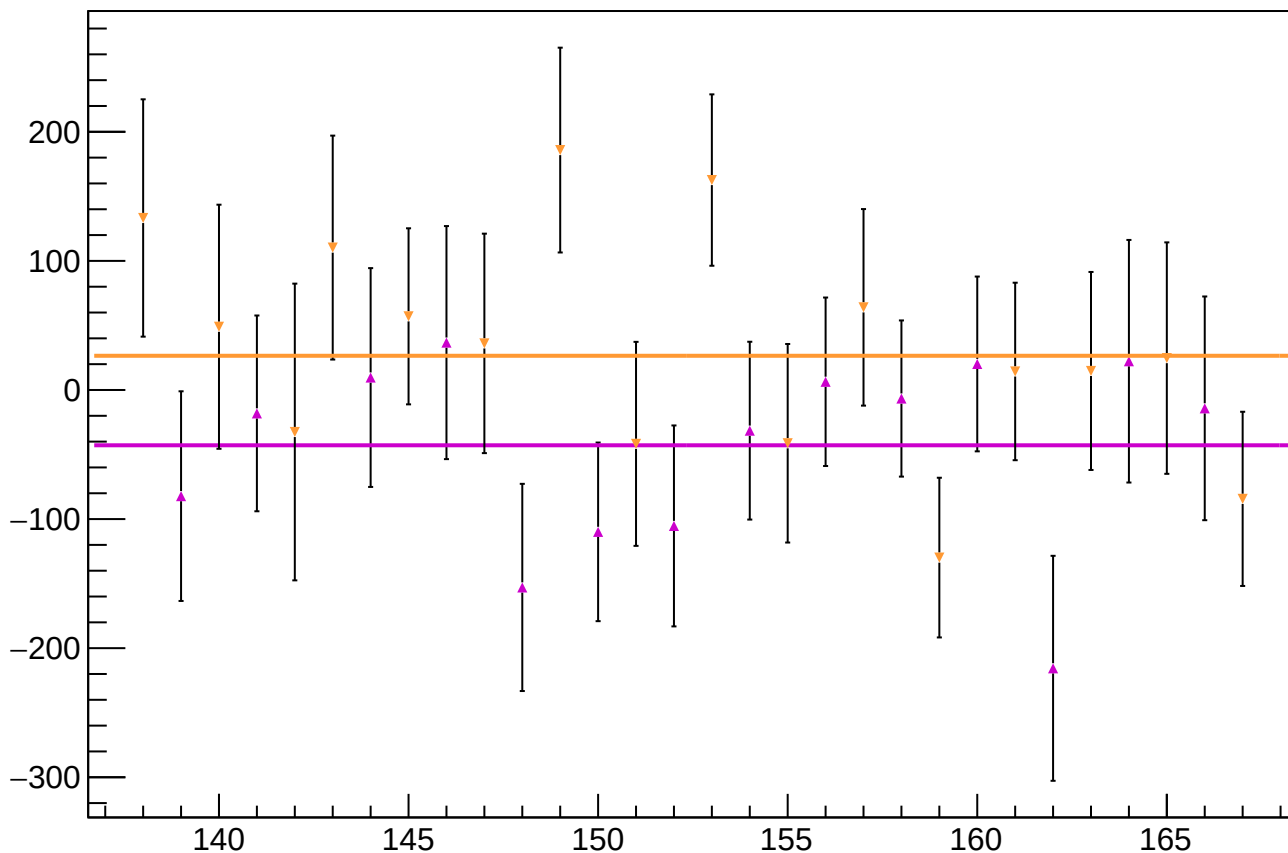
Left In: 846.025+/-0.184 χ^2/NDF : 589607.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 846.422+/-0.127 χ^2/NDF : 1312567.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 26.502+/-19.364 χ^2/NDF :22.0/15

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

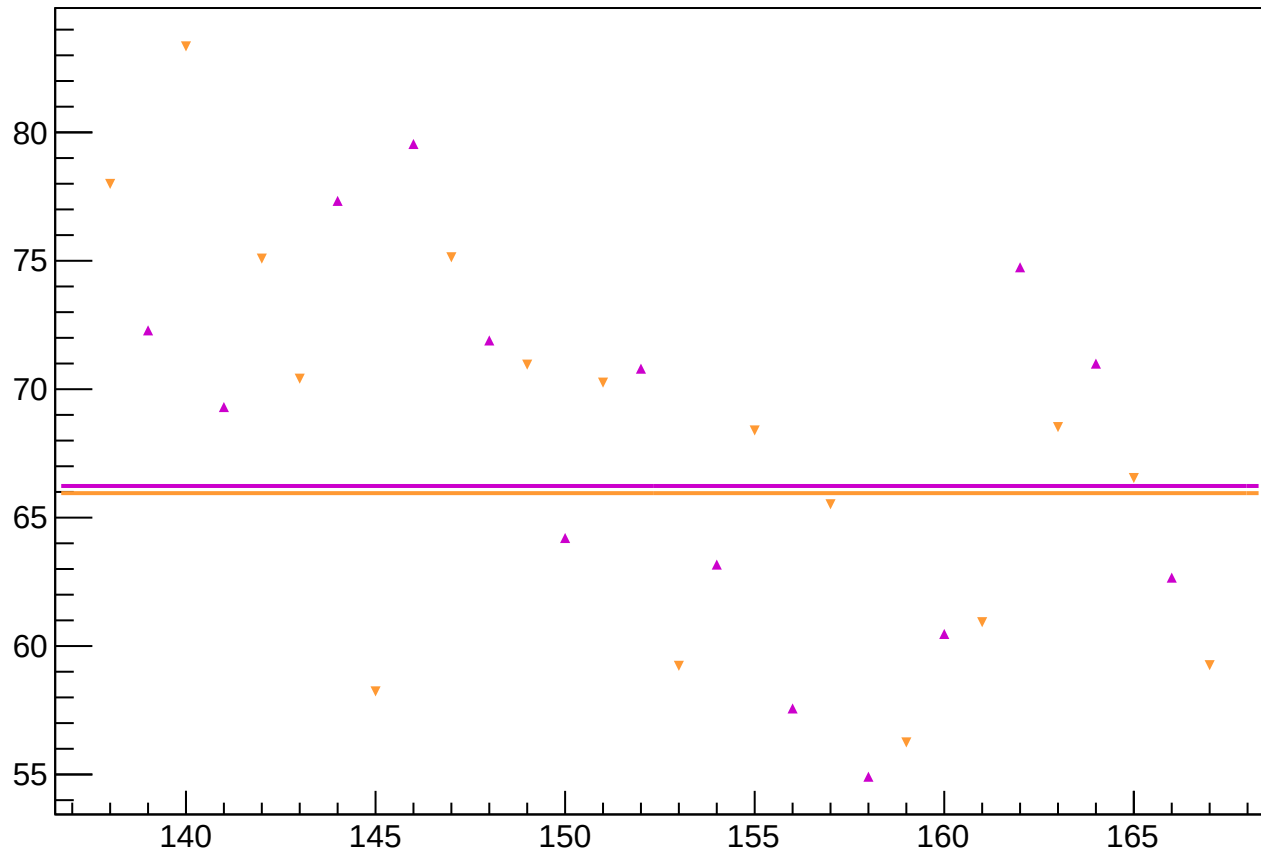
Left In: -42.841+/-20.278 χ^2/NDF :11.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.572+/-14.004 χ^2/NDF : 39.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 65.953+/-0.014 χ^2/NDF : 287329.0/15

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

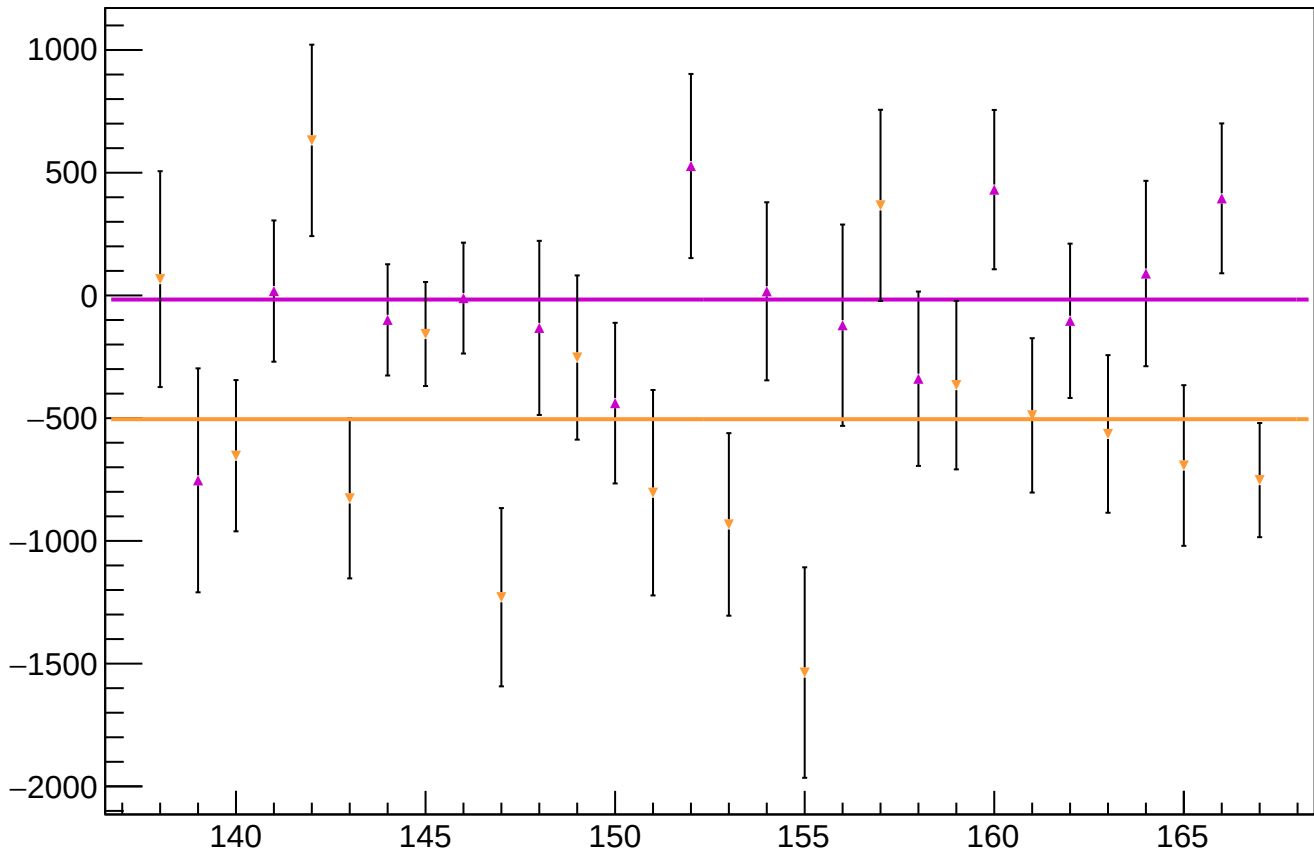
Left In: 66.232+/-0.014 χ^2/NDF : 262154.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.086+/-0.010 χ^2/NDF : 549681.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -504.086+/-81.227 χ^2/NDF : 32.9/15

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

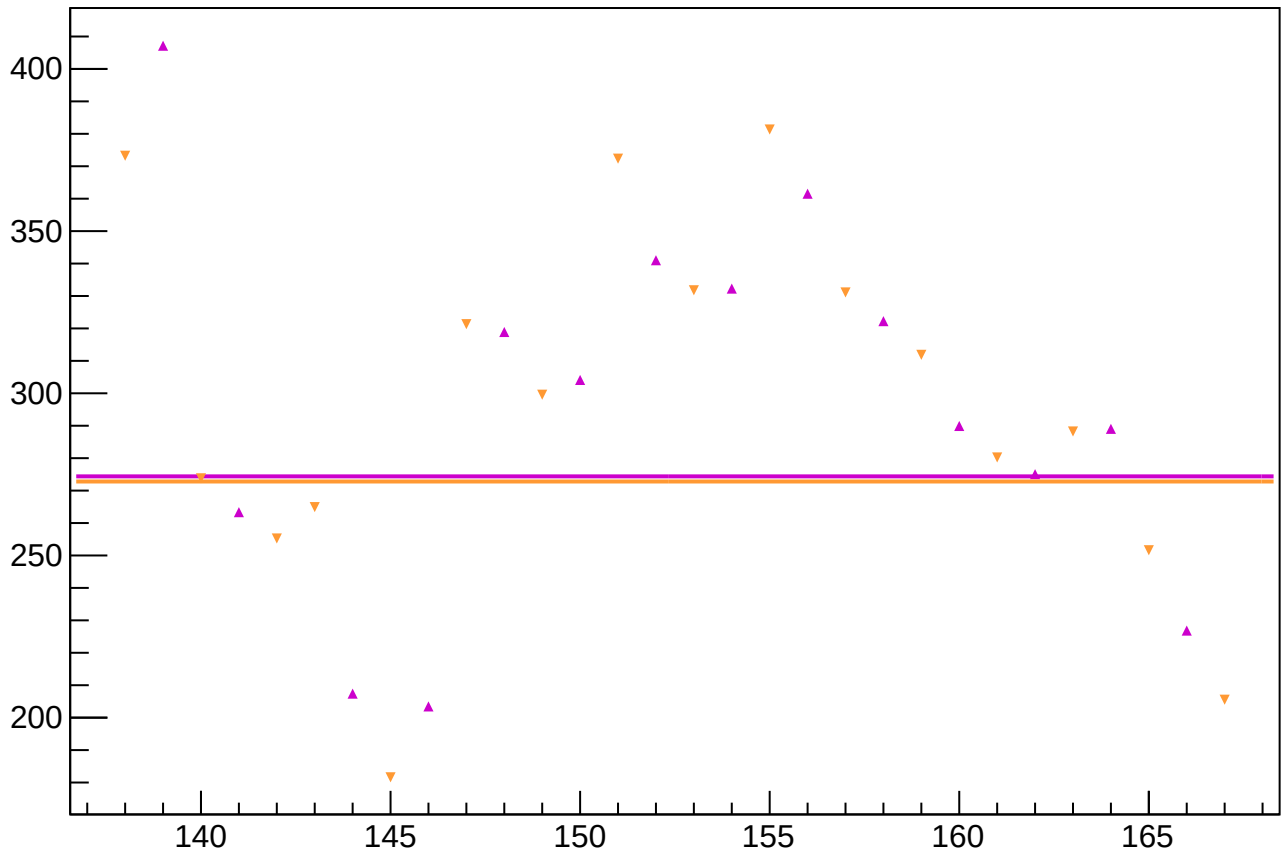
Left In: -16.676+/-84.767 χ^2/NDF : 11.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -270.770+/-58.648 χ^2/NDF : 61.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 272.809+/-0.057 χ^2/NDF :1072030.5/15

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

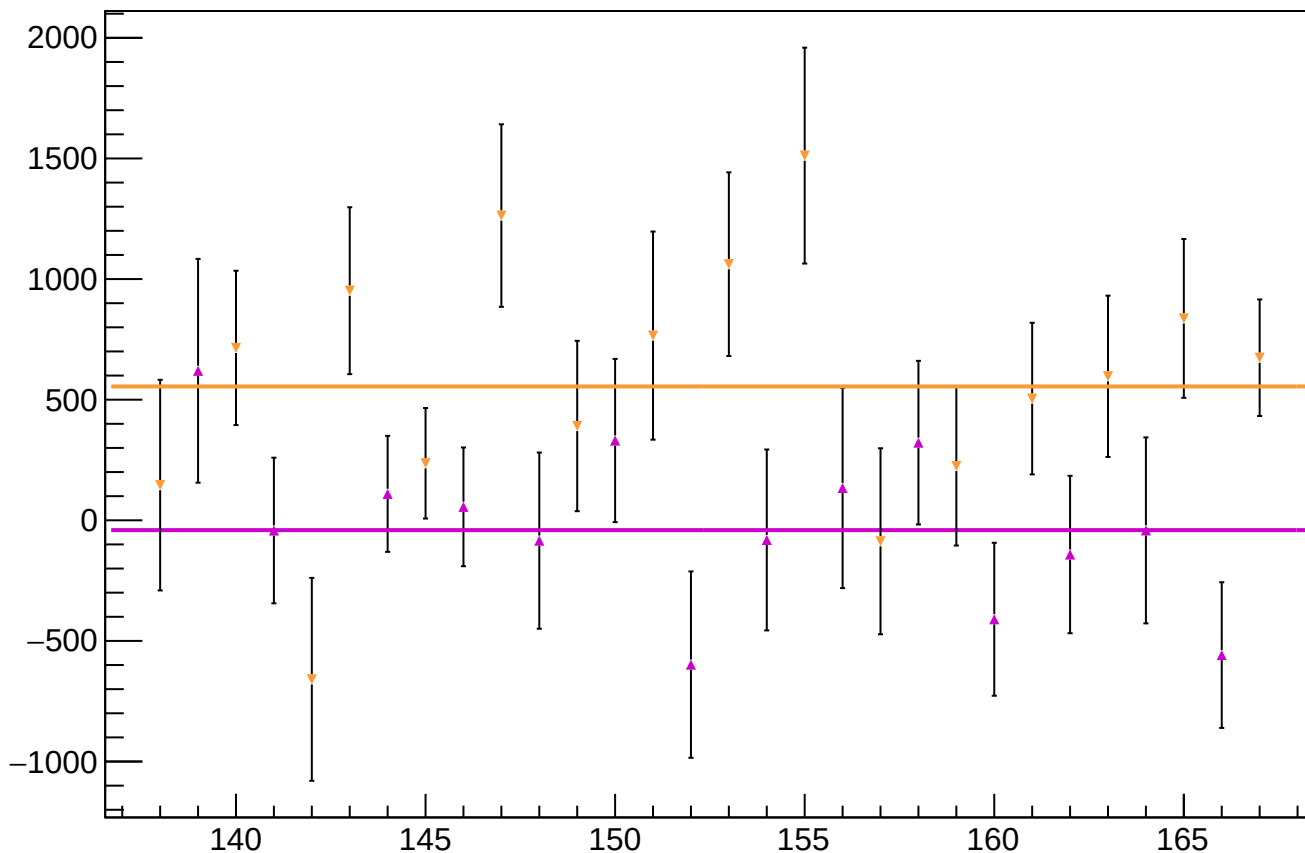
Left In: 274.389+/-0.060 χ^2/NDF :888996.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.565+/-0.041 χ^2/NDF : 1961388.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 554.846+/-84.003 χ^2/NDF : 27.8/15

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

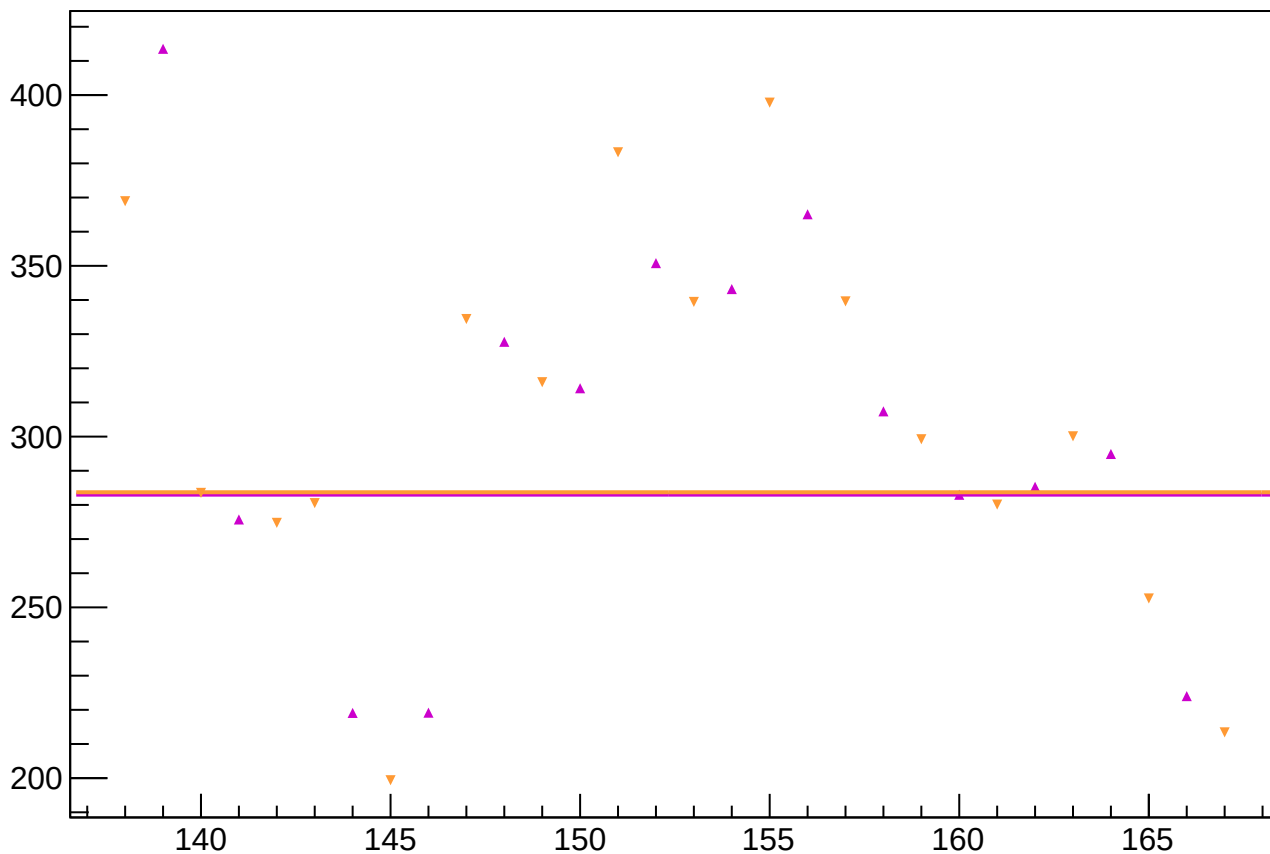
Left In: -40.770+/-87.362 χ^2/NDF : 11.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.711+/-60.552 χ^2/NDF : 63.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug



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

Left Out: 283.708+/-0.059 χ^2/NDF : 918838.3/15

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

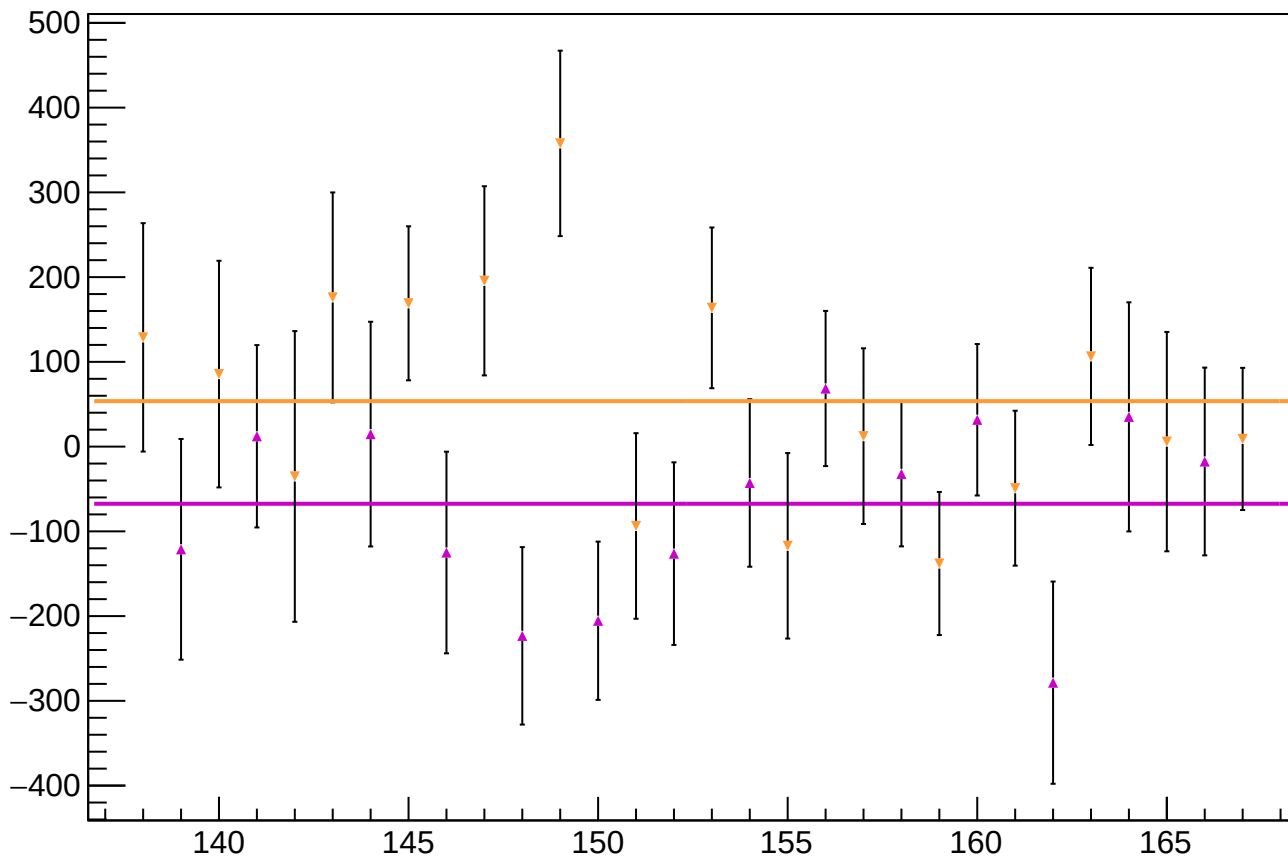
Left In: 283.011+/-0.062 χ^2/NDF : 762535.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.373+/-0.043 χ^2/NDF : 1681439.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



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

Left Out: 53.653 $\pm$ 26.541 χ^2 /NDF:25.4/15

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

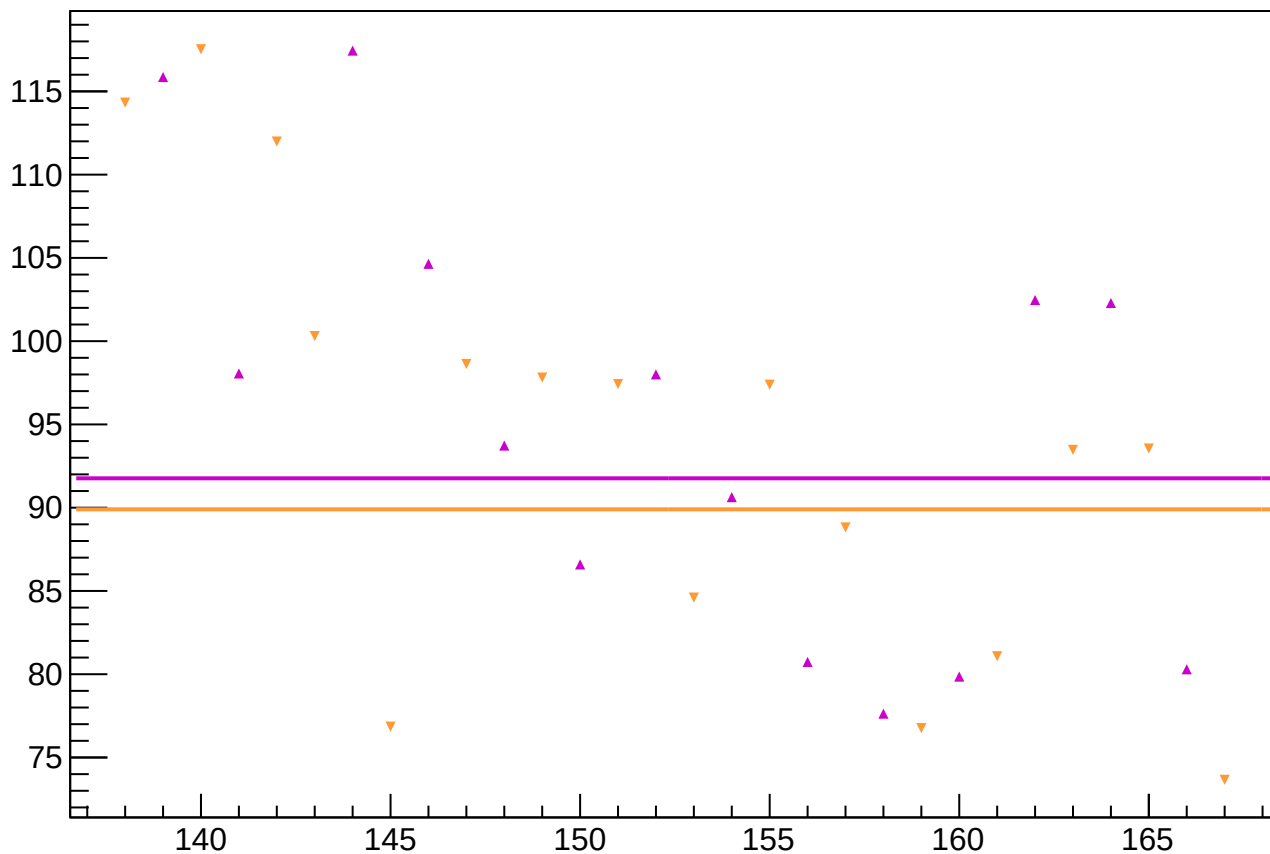
Left In: -67.426 $\pm$ 28.228 χ^2 /NDF:13.6/13

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

All: -3.161 $\pm$ 19.336 χ^2 /NDF: 48.8/29

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

dit_asym_sam_3726_avg_rms vs Slug



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

Left Out: 89.902+/-0.019 χ^2/NDF : 433530.7/15

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

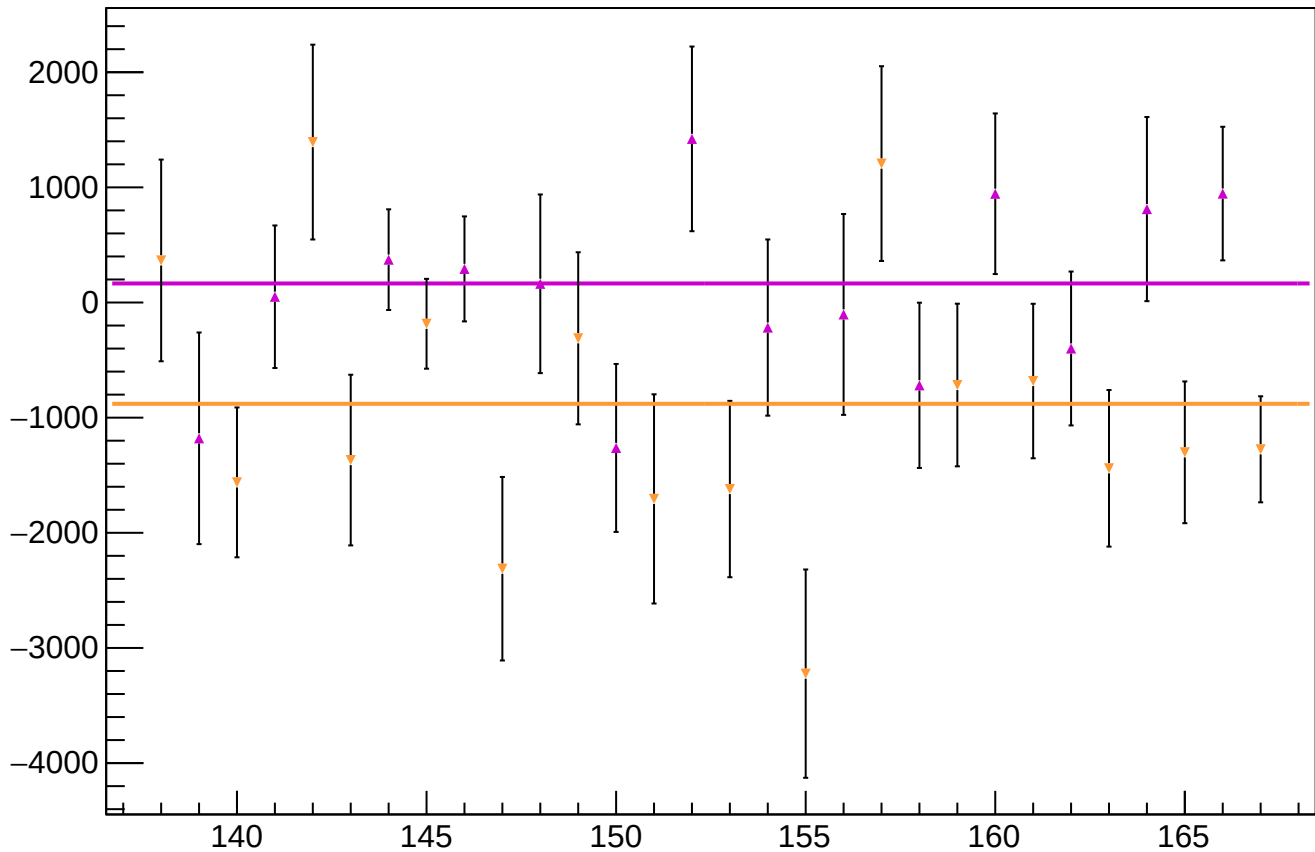
Left In: 91.764+/-0.020 χ^2/NDF : 356435.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.776+/-0.014 χ^2/NDF : 794586.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -879.687 $\pm$ 166.435 χ^2 /NDF:34.3/15

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

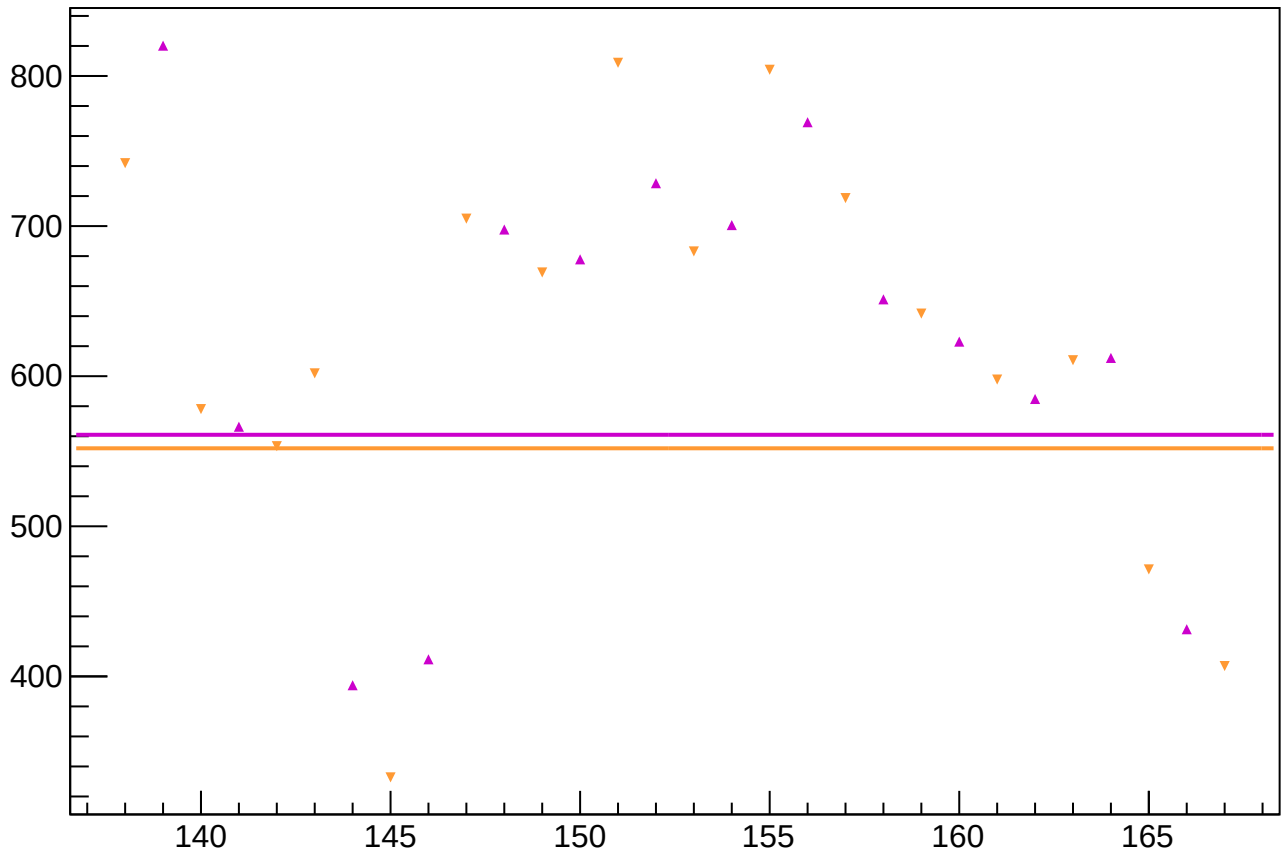
Left In: 165.453 $\pm$ 174.806 χ^2 /NDF:15.1/13

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

All: -382.741 $\pm$ 120.538 χ^2 /NDF: 68.1/29

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

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 551.960+/-0.118 χ^2/NDF :1601953.9/15

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

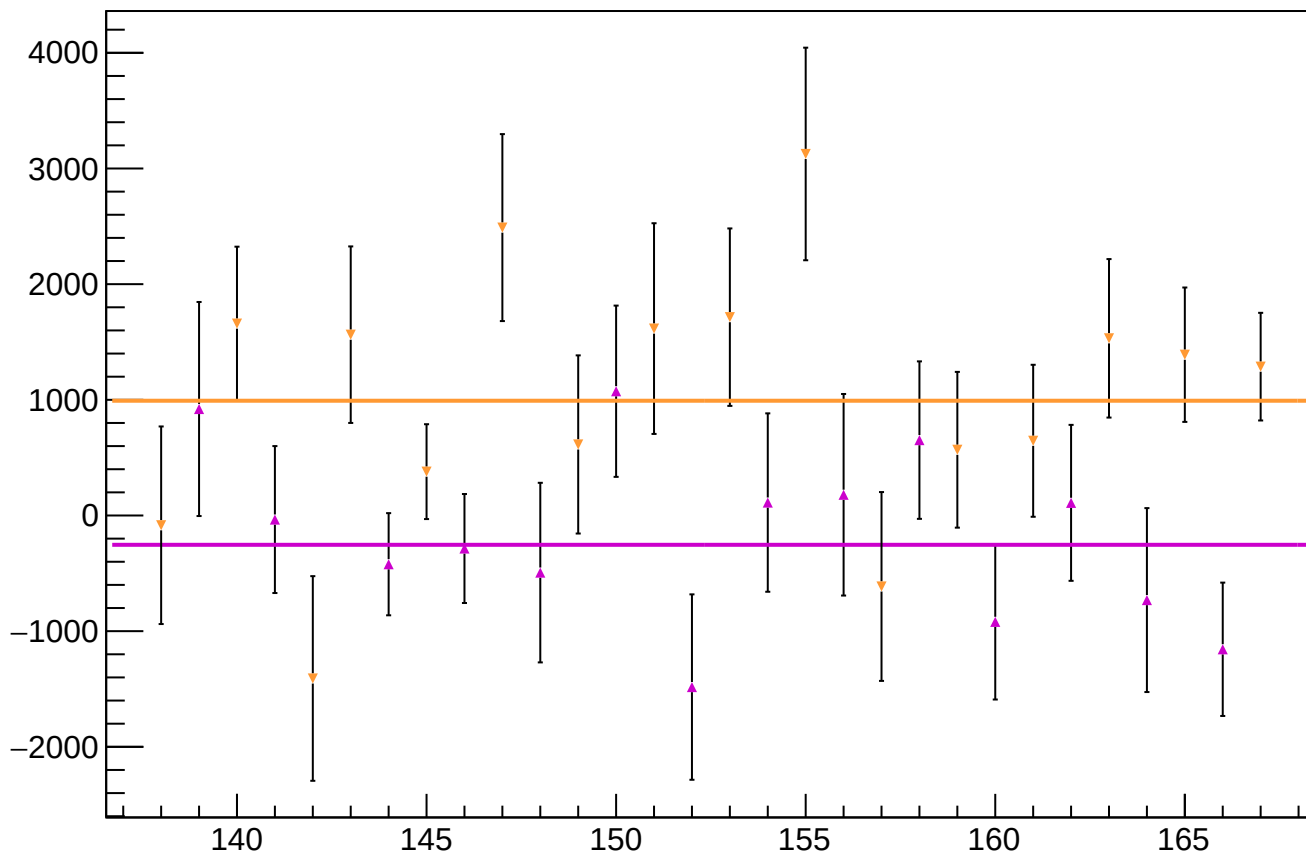
Left In: 560.963+/-0.124 χ^2/NDF :1205299.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.241+/-0.085 χ^2/NDF : 2810036.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_mean vs Slug



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

Left Out: 992.166+/-167.564 χ^2/NDF : 29.2/15

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

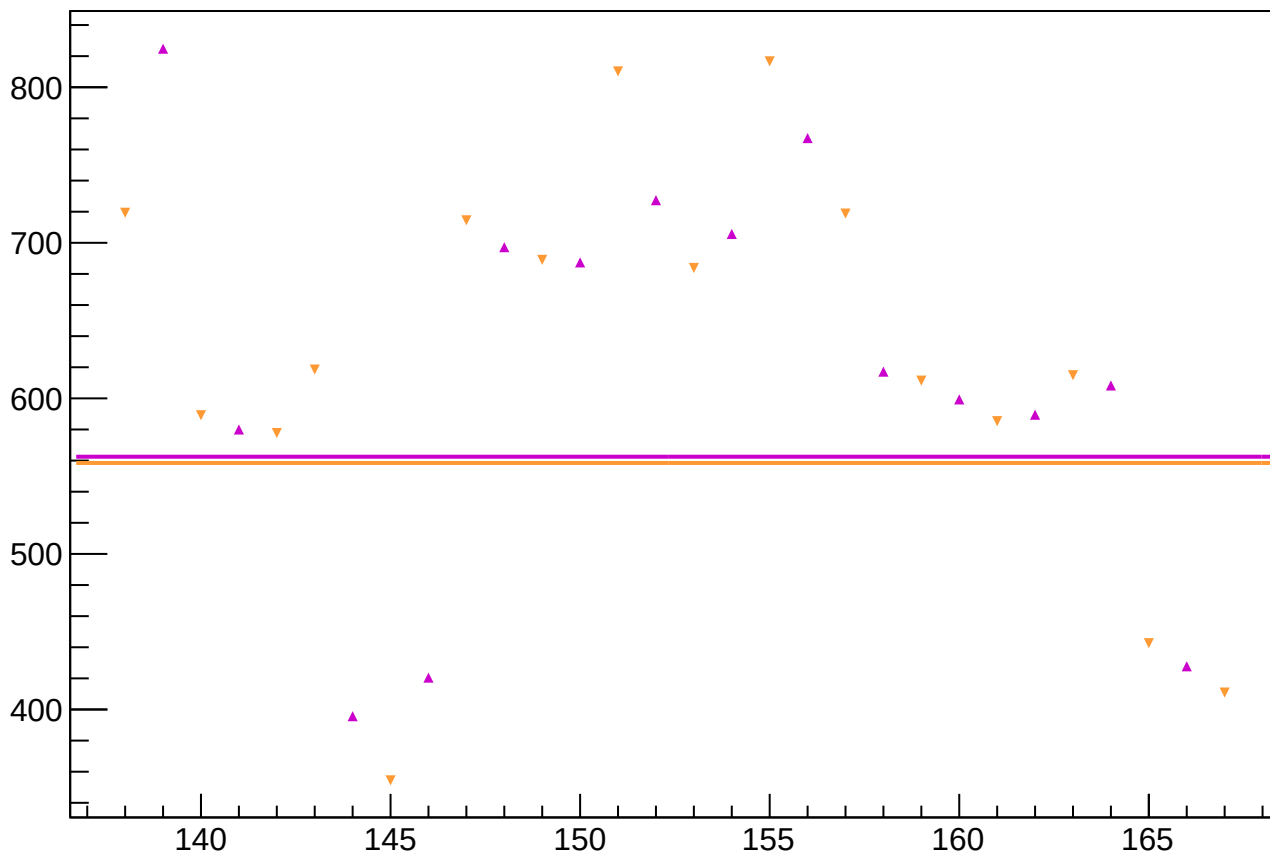
Left In: -253.435+/-175.455 χ^2/NDF : 13.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.004+/-121.179 χ^2/NDF : 69.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_rms vs Slug



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

Left Out: 558.472+/-0.118 χ^2/NDF :1466958.8/15

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

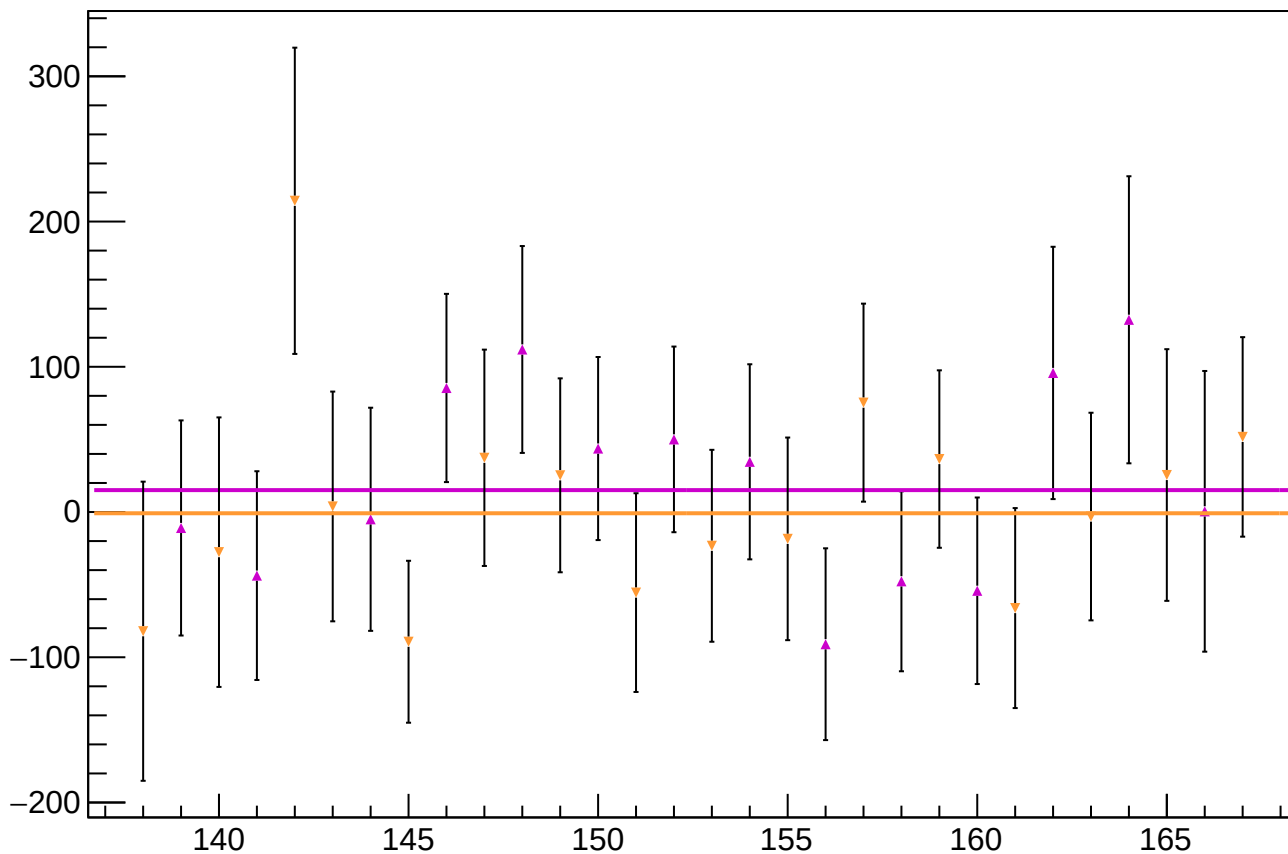
Left In: 562.486+/-0.124 χ^2/NDF :1148583.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.387+/-0.086 χ^2/NDF : 2616090.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -0.849 $\pm$ 18.048 χ^2 /NDF: 11.8/15

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

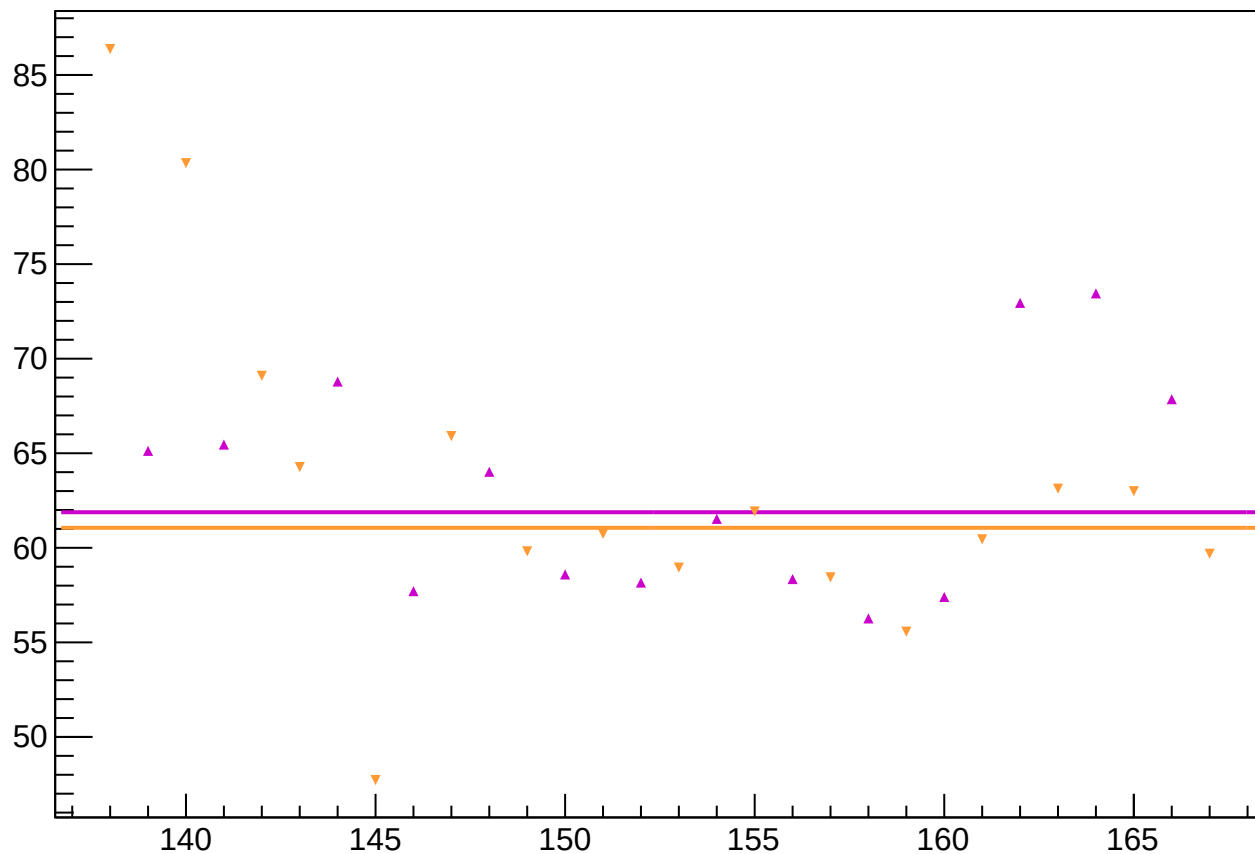
Left In: 15.084 $\pm$ 18.989 χ^2 /NDF: 11.5/13

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

All: 6.713 $\pm$ 13.082 χ^2 /NDF: 23.7/29

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

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 61.058+/-0.013 χ^2/NDF : 370881.5/15

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

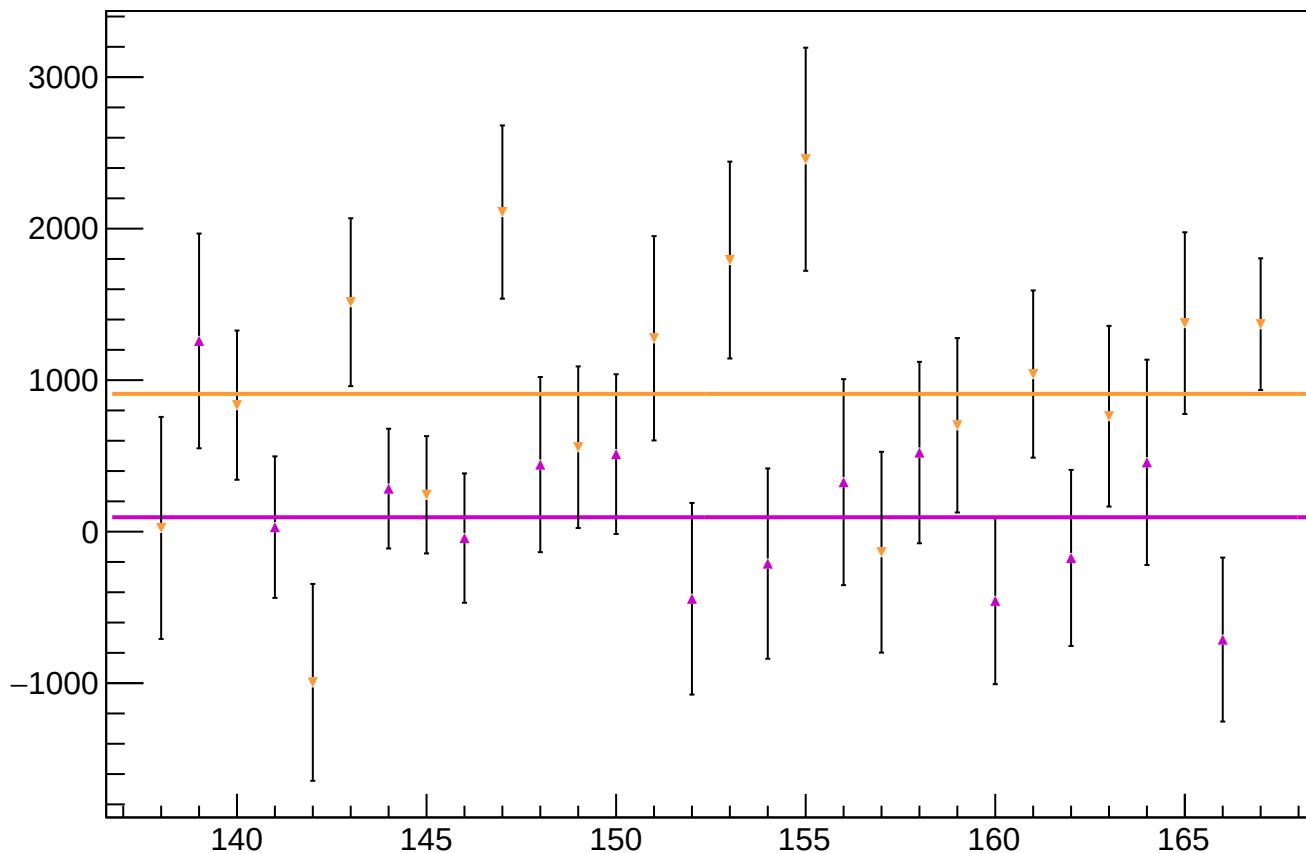
Left In: 61.881+/-0.013 χ^2/NDF : 146779.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.449+/-0.009 χ^2/NDF : 519634.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 909.266+/-140.398 χ^2/NDF :30.1/15

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

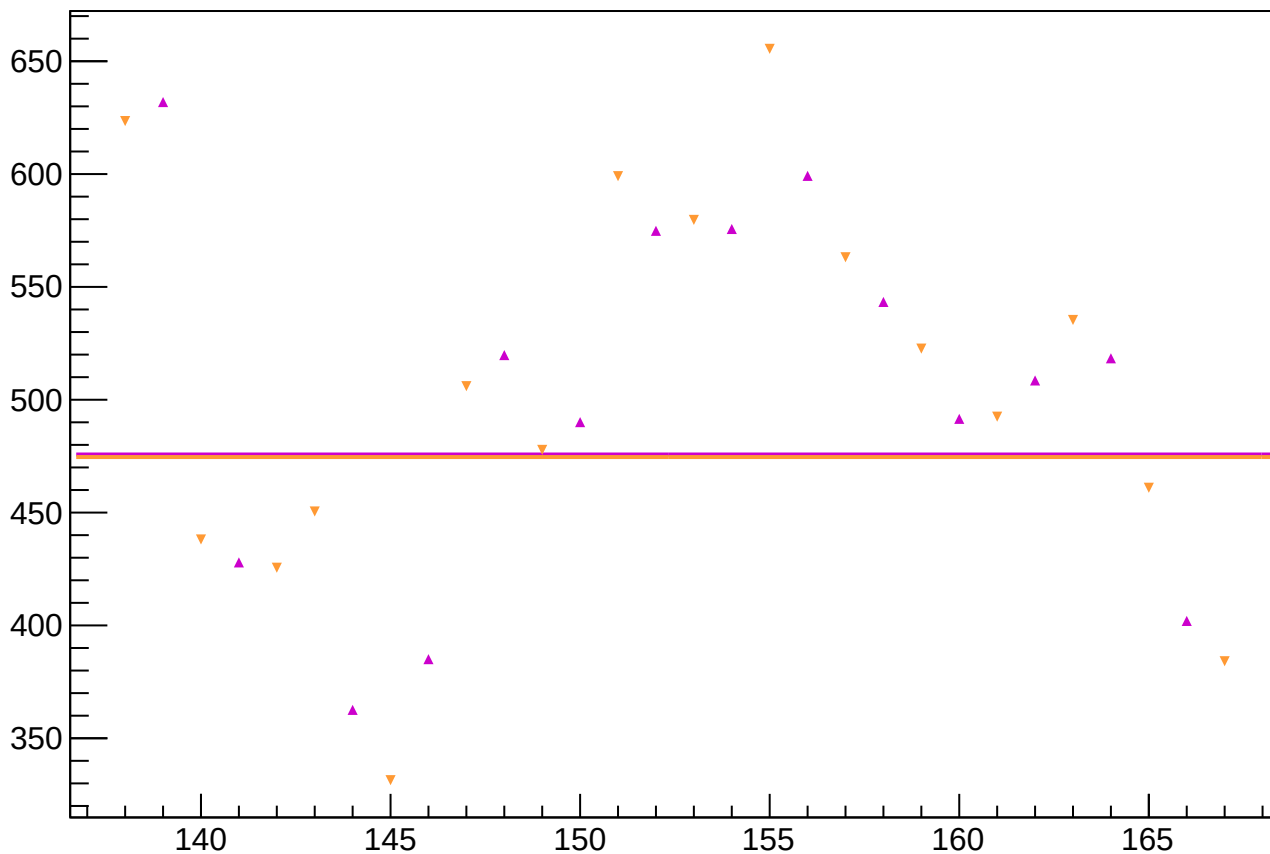
Left In: 95.115+/-146.016 χ^2/NDF :9.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.154+/-101.204 χ^2/NDF : 55.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 474.606+/-0.099 χ^2/NDF : 789577.4/15

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

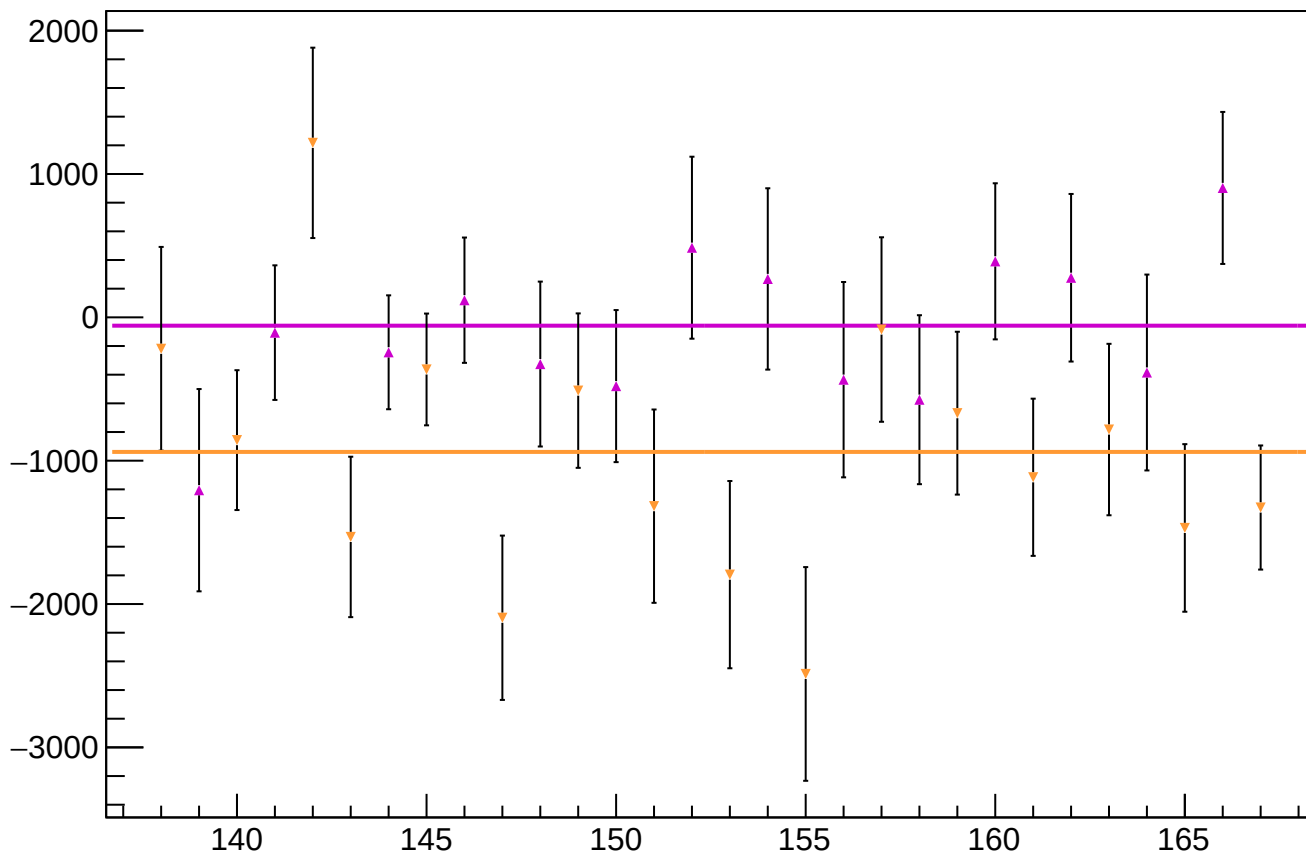
Left In: 475.734+/-0.103 χ^2/NDF : 629817.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.148+/-0.072 χ^2/NDF : 1419456.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -938.776+/-140.092 χ^2/NDF : 29.7/15

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

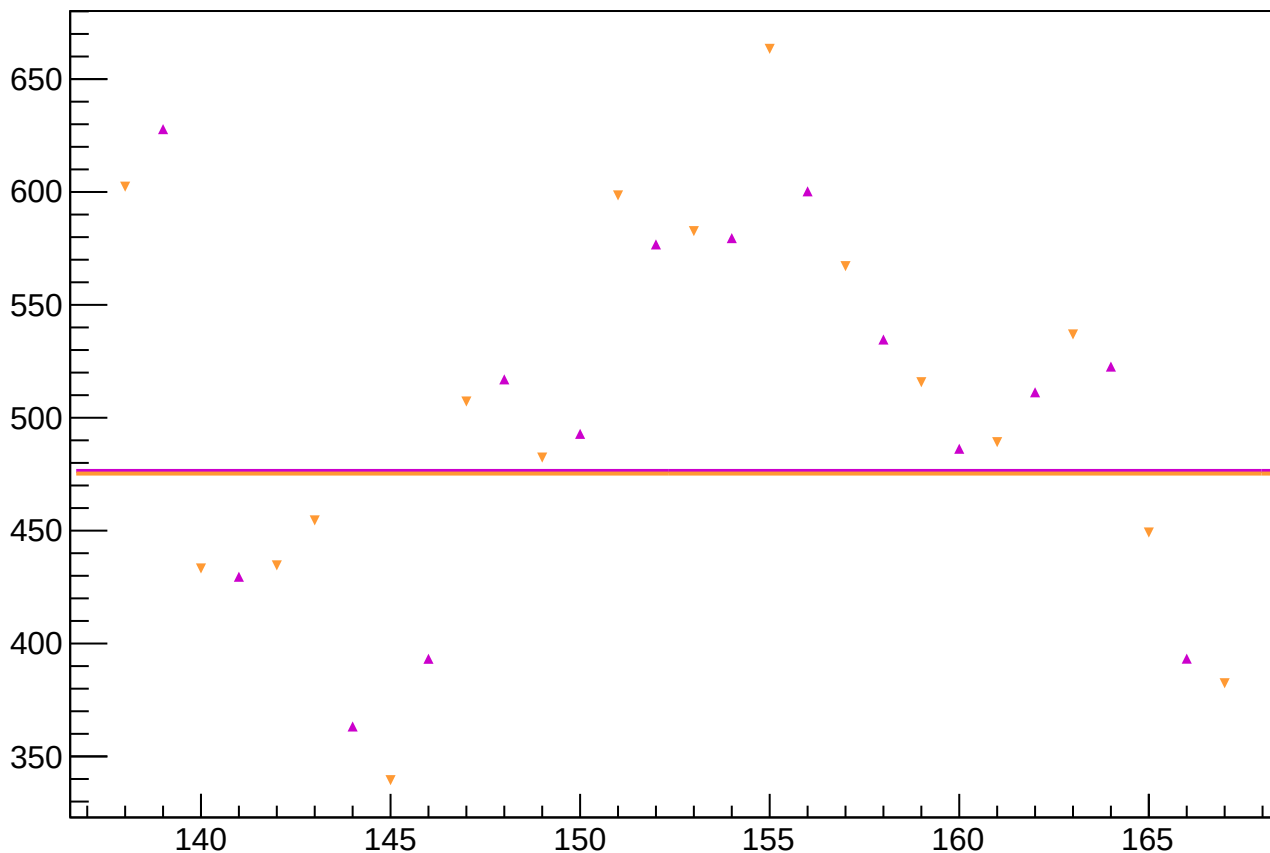
Left In: -58.145+/-146.329 χ^2/NDF : 10.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -517.628+/-101.193 χ^2/NDF : 59.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 475.273+/-0.099 χ^2/NDF : 755878.7/15

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

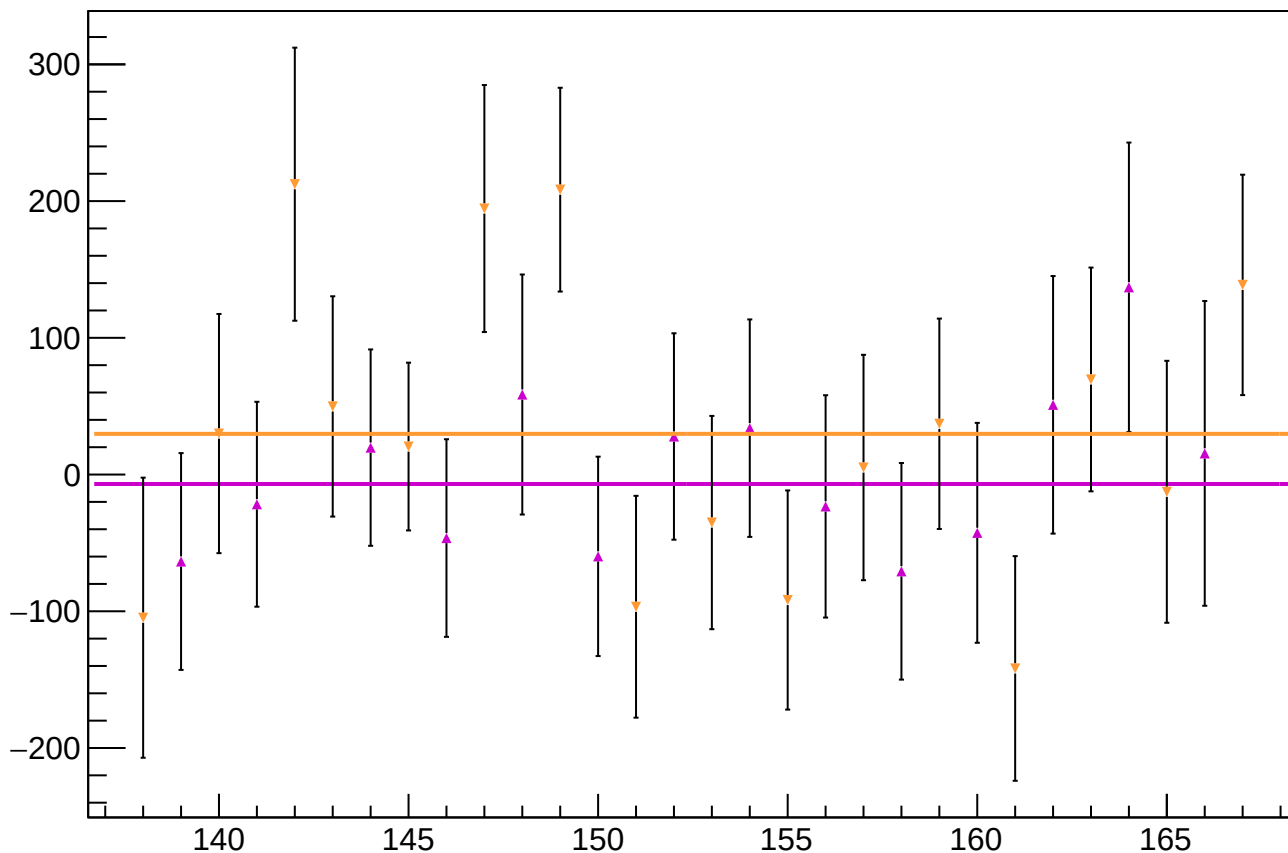
Left In: 476.438+/-0.103 χ^2/NDF : 613390.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.830+/-0.072 χ^2/NDF : 1369334.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 29.758 $\pm$ 20.425 χ^2 /NDF:26.4/15

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

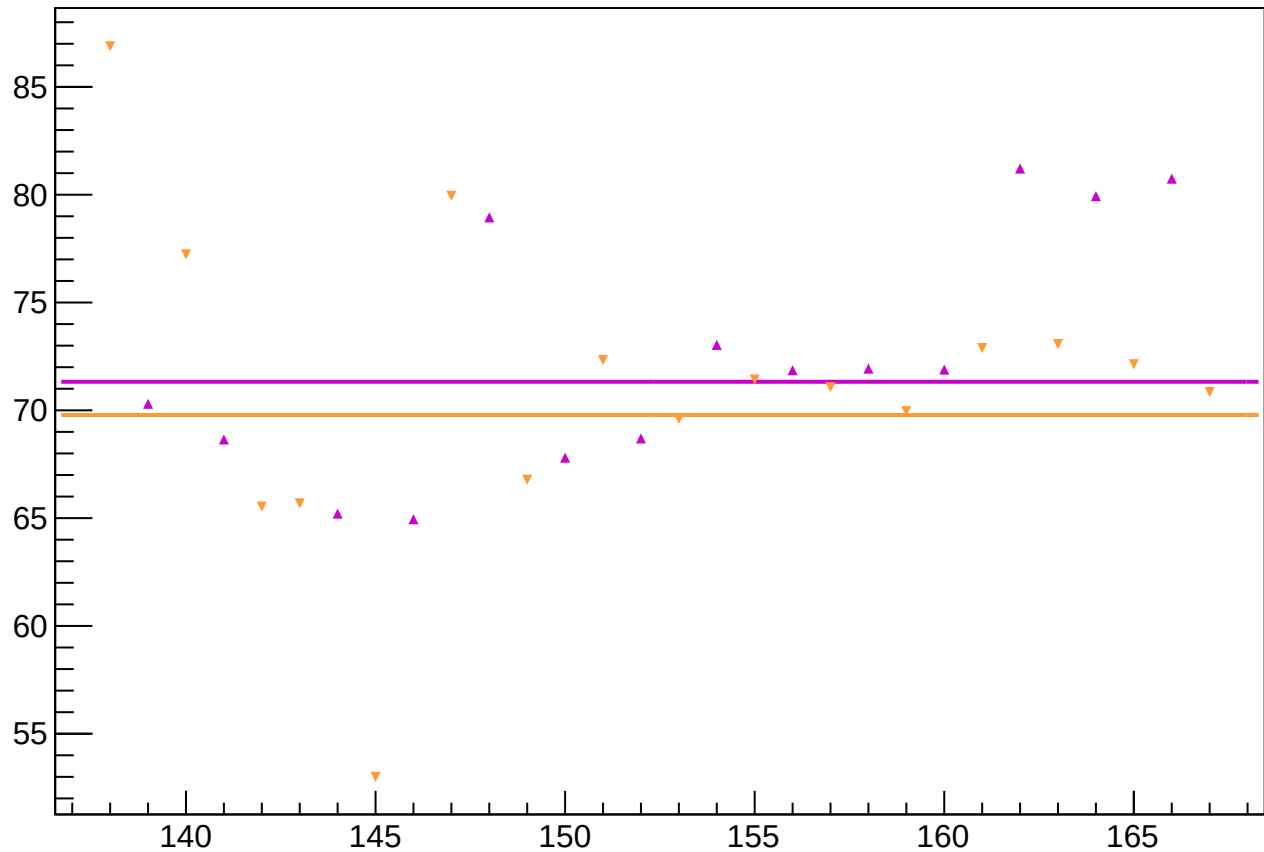
Left In: -6.908 $\pm$ 21.709 χ^2 /NDF:5.7/13

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

All: 12.542 $\pm$ 14.876 χ^2 /NDF: 33.6/29

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

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 69.781+/-0.014 χ^2/NDF :268257.0/15

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

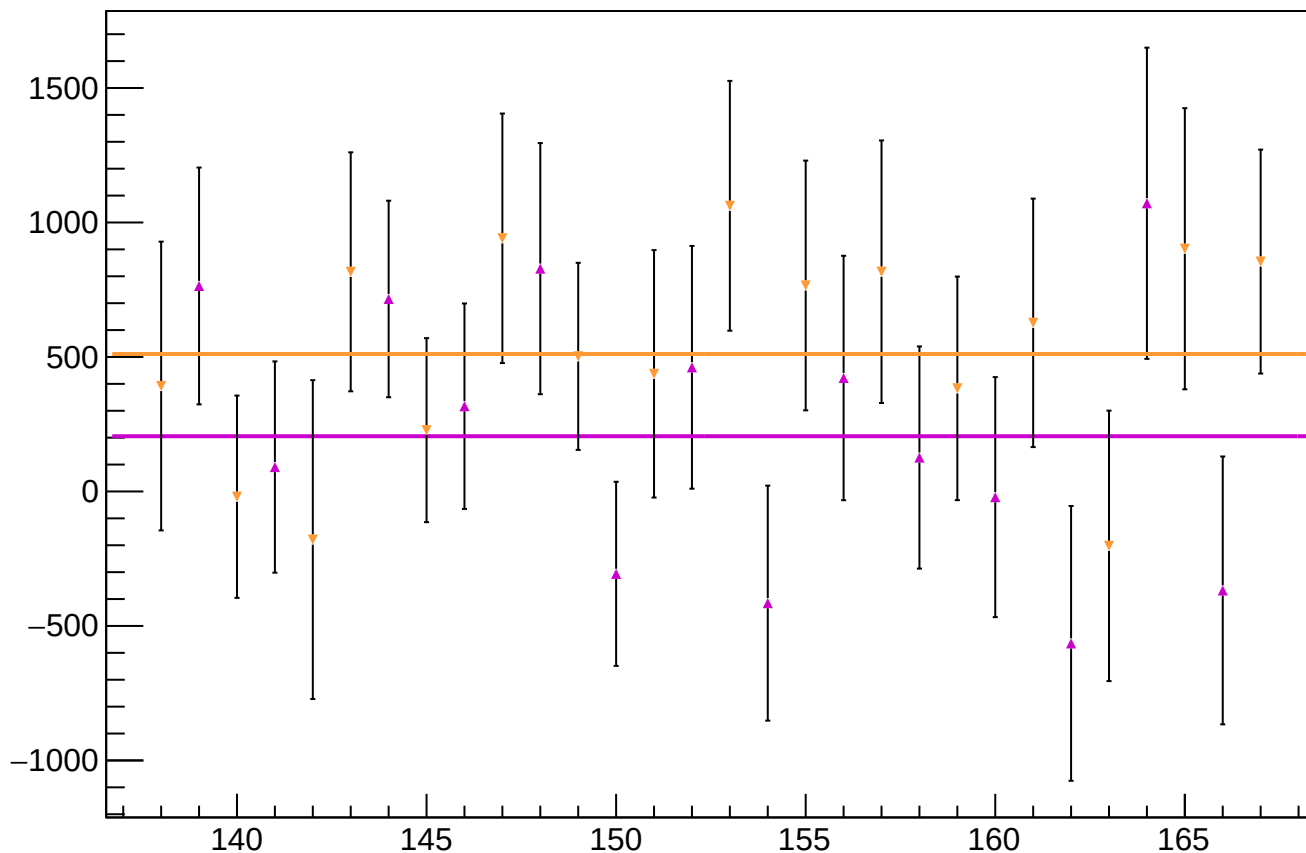
Left In: 71.325+/-0.015 χ^2/NDF :105922.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.506+/-0.011 χ^2/NDF : 379545.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 511.032+/-110.442 χ^2/NDF : 11.0/15

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

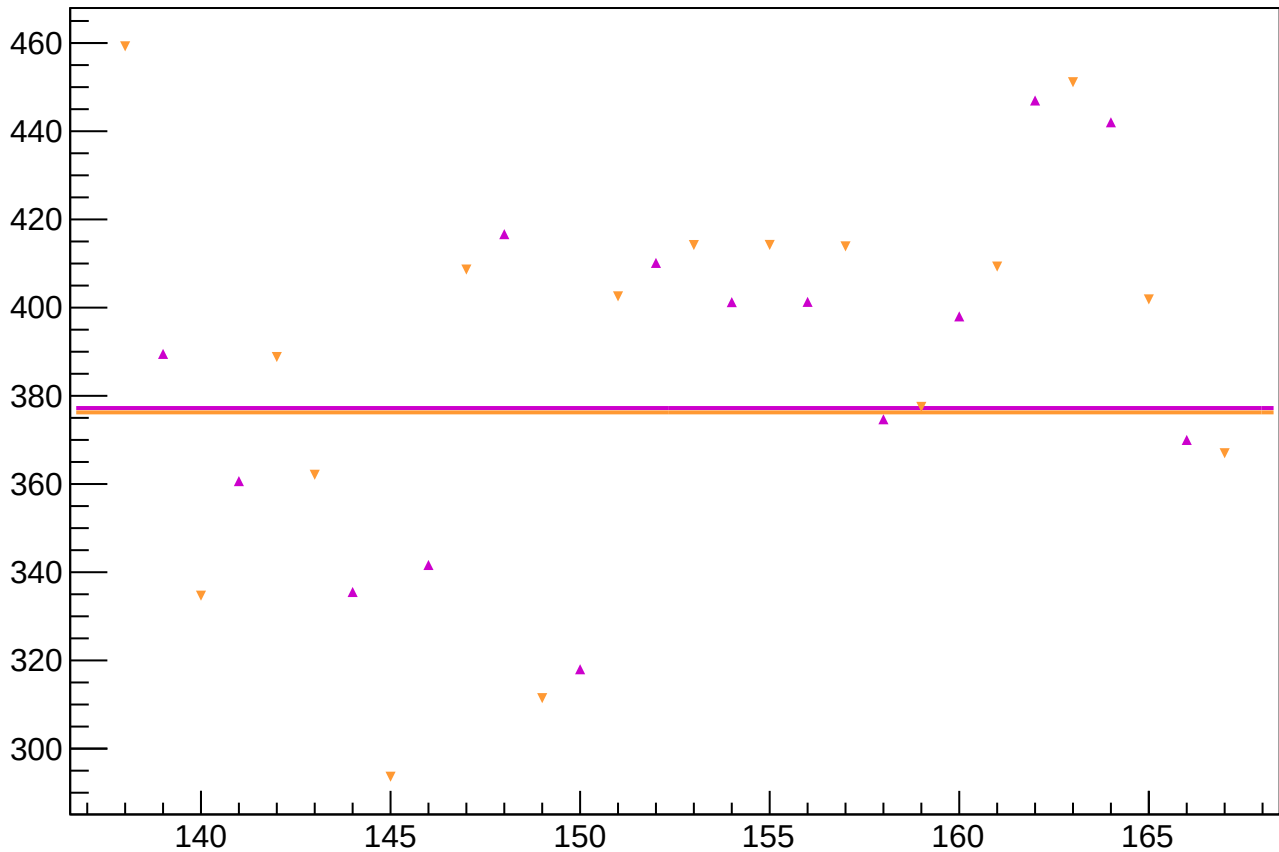
Left In: 205.316+/-114.824 χ^2/NDF : 16.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.119+/-79.598 χ^2/NDF : 31.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 376.247+/-0.078 χ^2/NDF : 376616.2/15

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

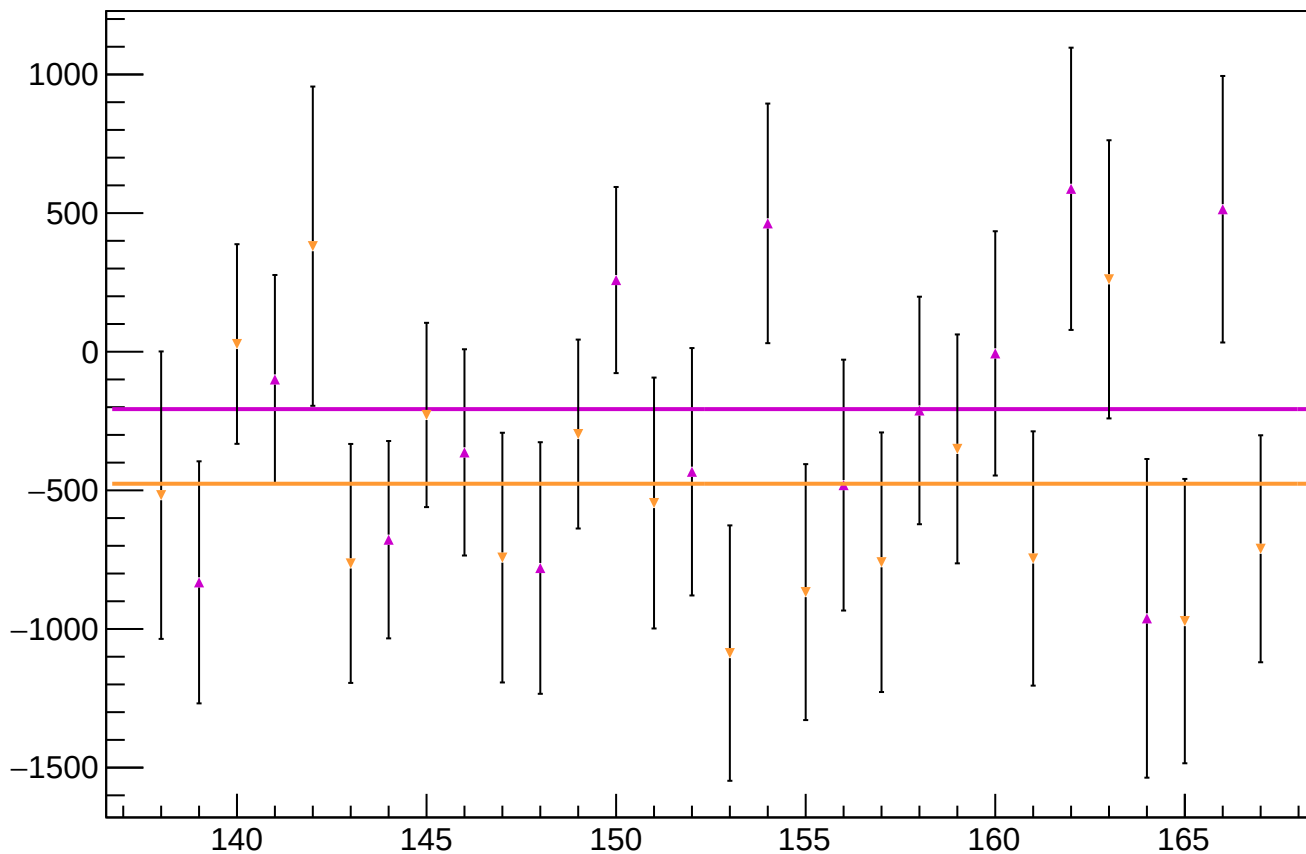
Left In: 377.232+/-0.081 χ^2/NDF : 212228.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.721+/-0.056 χ^2/NDF : 588921.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -476.103+/-108.047 χ^2/NDF : 12.5/15

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

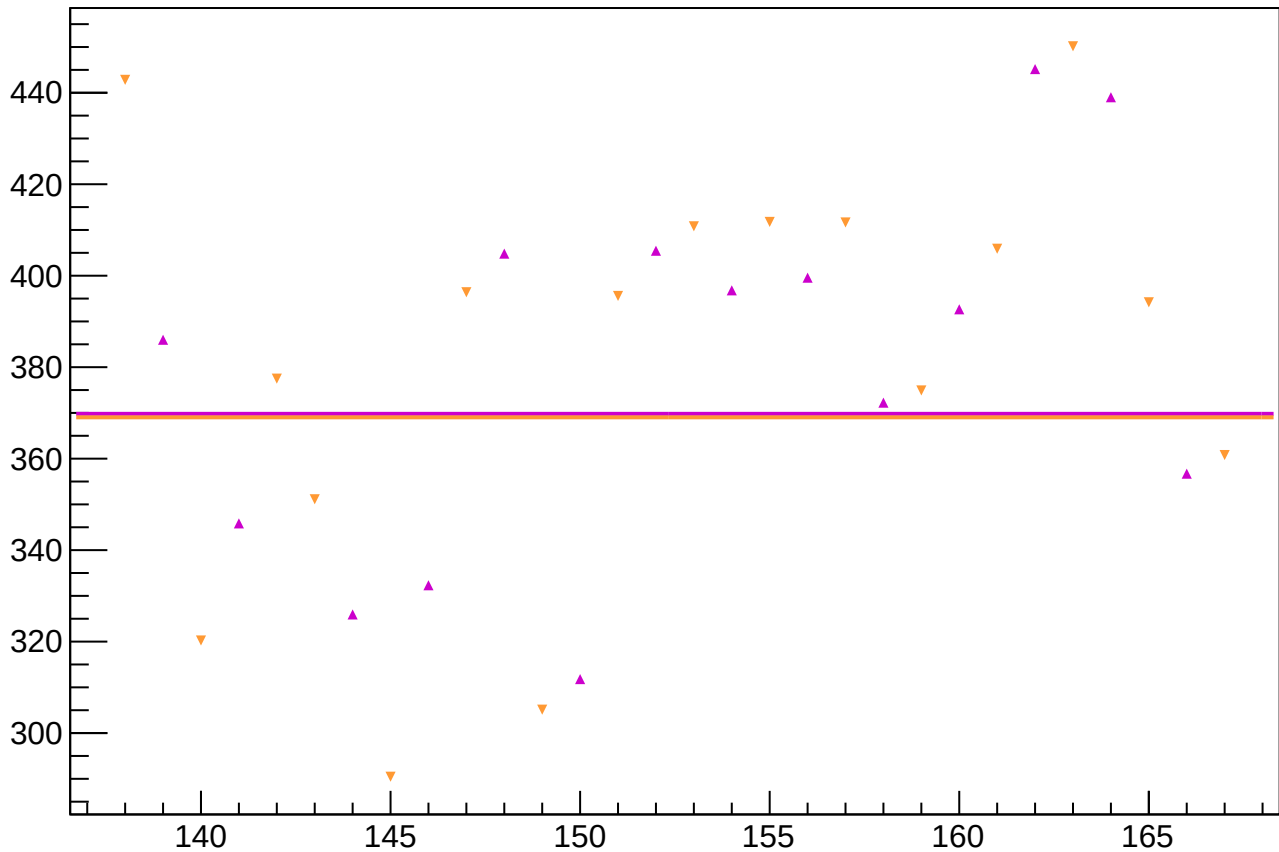
Left In: -206.974+/-112.709 χ^2/NDF : 17.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -347.220+/-77.997 χ^2/NDF : 32.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 369.035+/-0.076 χ^2/NDF : 398992.3/15

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

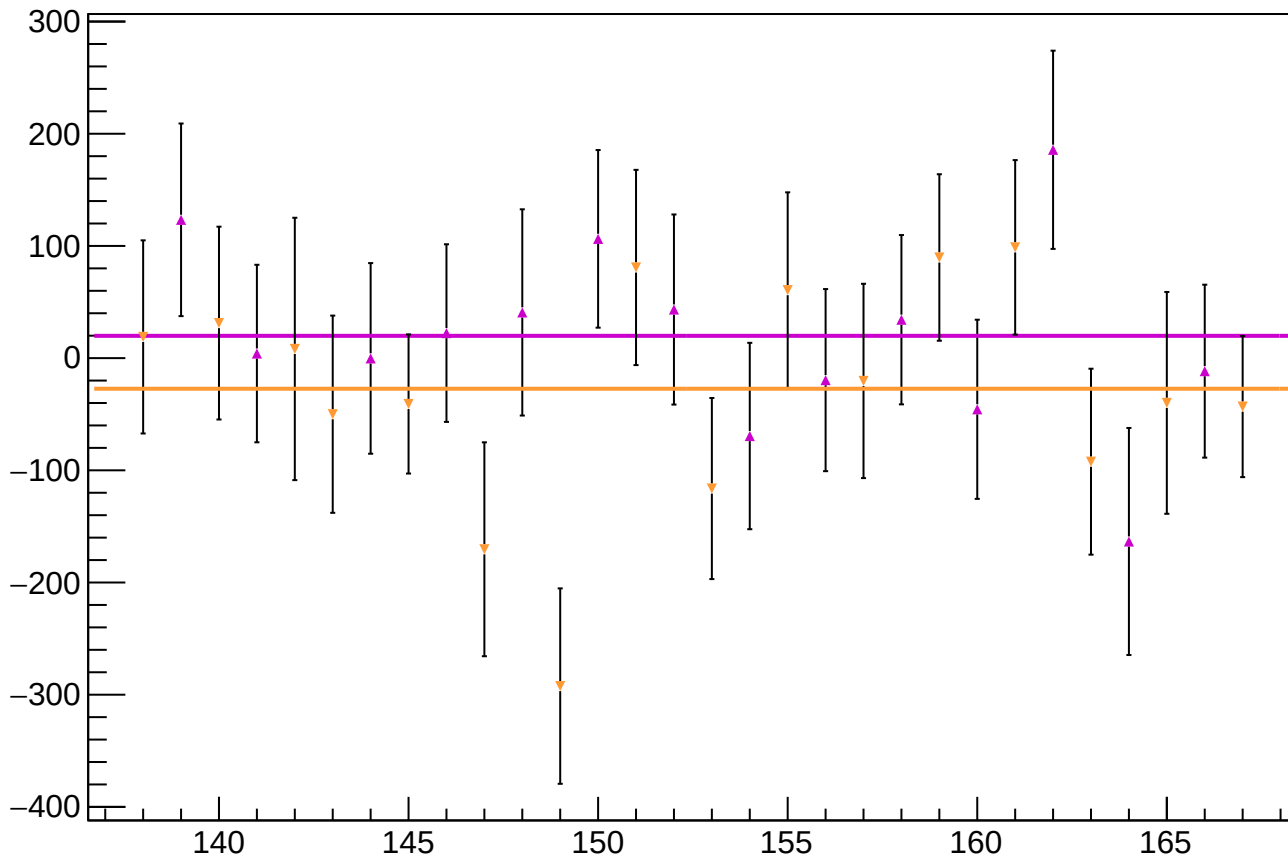
Left In: 369.799+/-0.080 χ^2/NDF : 242192.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.401+/-0.055 χ^2/NDF : 641233.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -27.282 $\pm$ 20.527 χ^2 /NDF:22.1/15

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

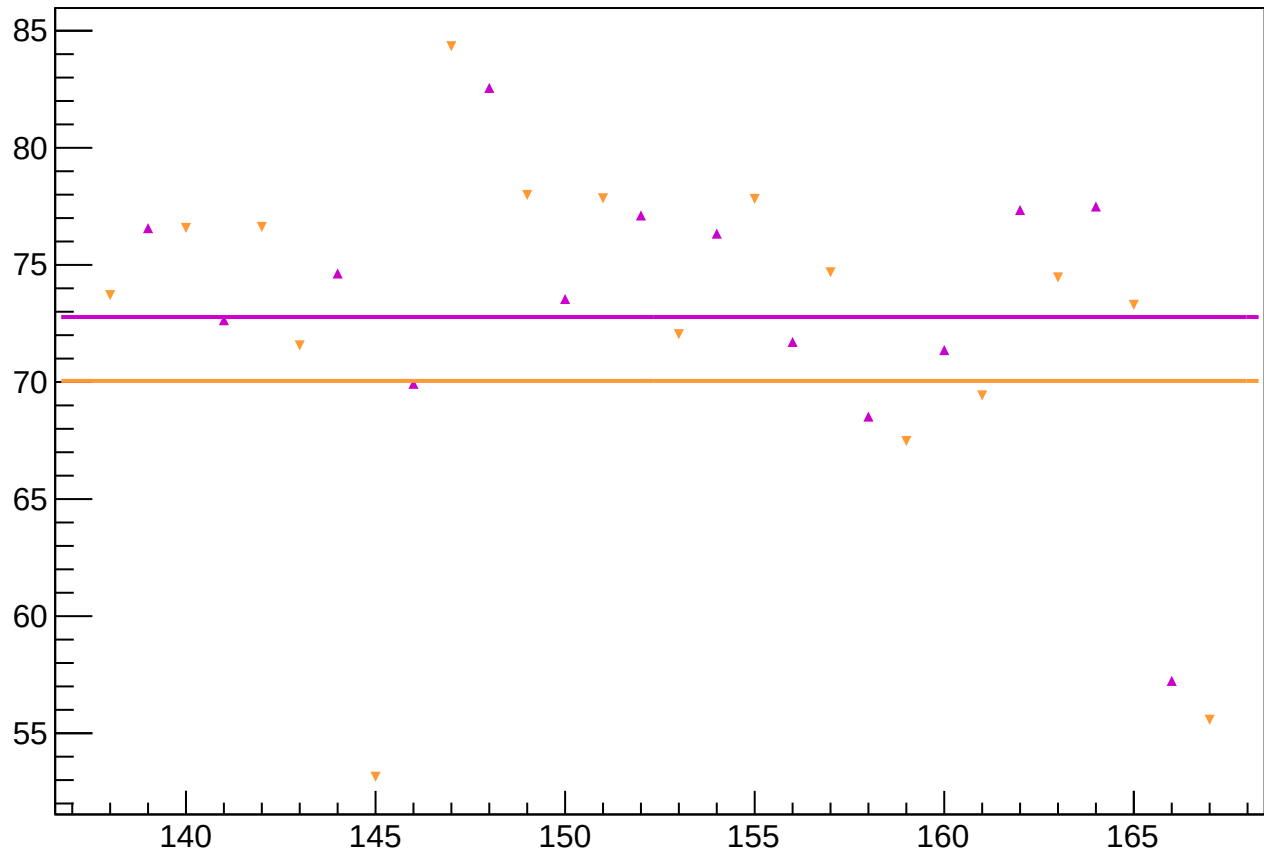
Left In: 19.877 $\pm$ 22.172 χ^2 /NDF:11.9/13

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

All: -5.517 $\pm$ 15.063 χ^2 /NDF: 36.4/29

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

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 70.047+/-0.015 χ^2/NDF : 387572.5/15

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

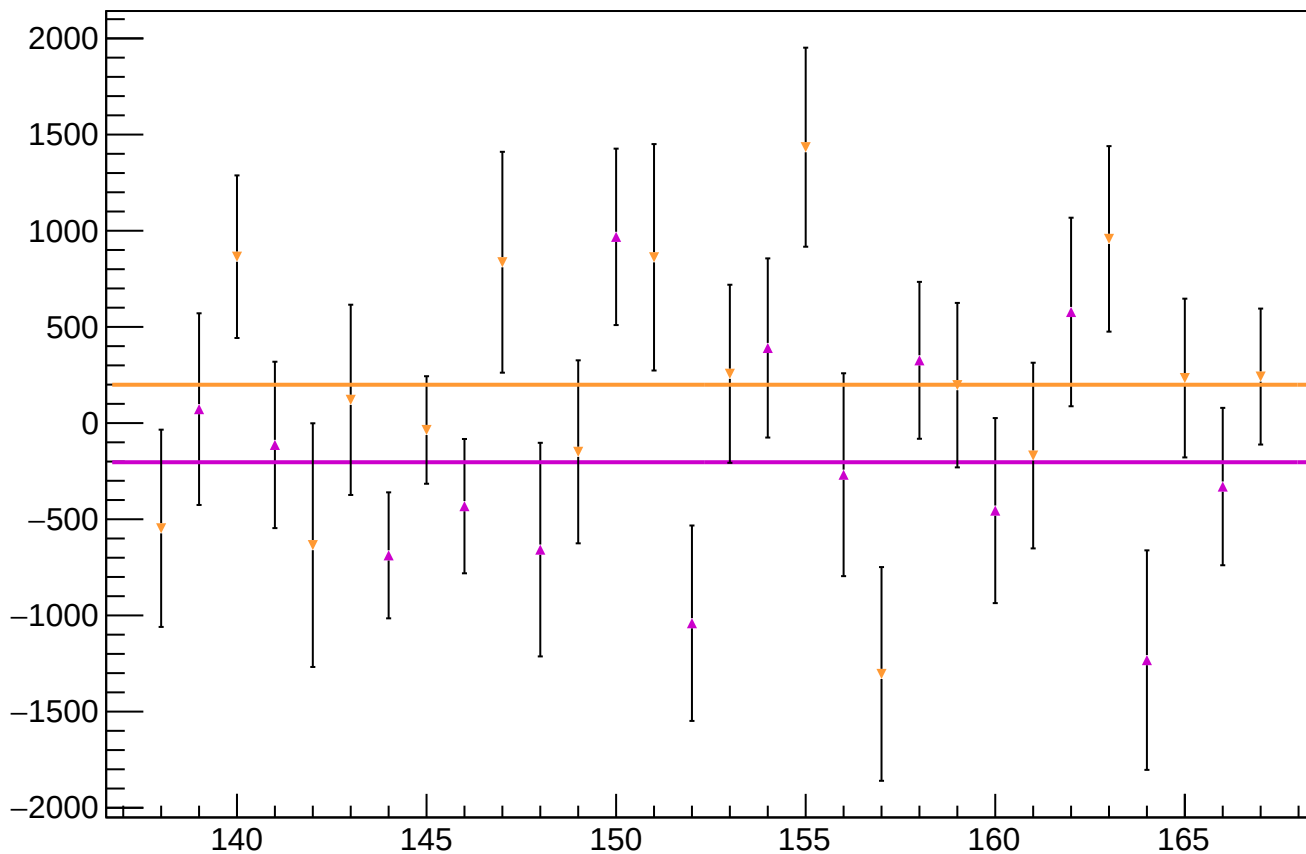
Left In: 72.774+/-0.016 χ^2/NDF : 137539.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.306+/-0.011 χ^2/NDF : 541408.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 199.376+/-112.727 χ^2/NDF : 26.2/15

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

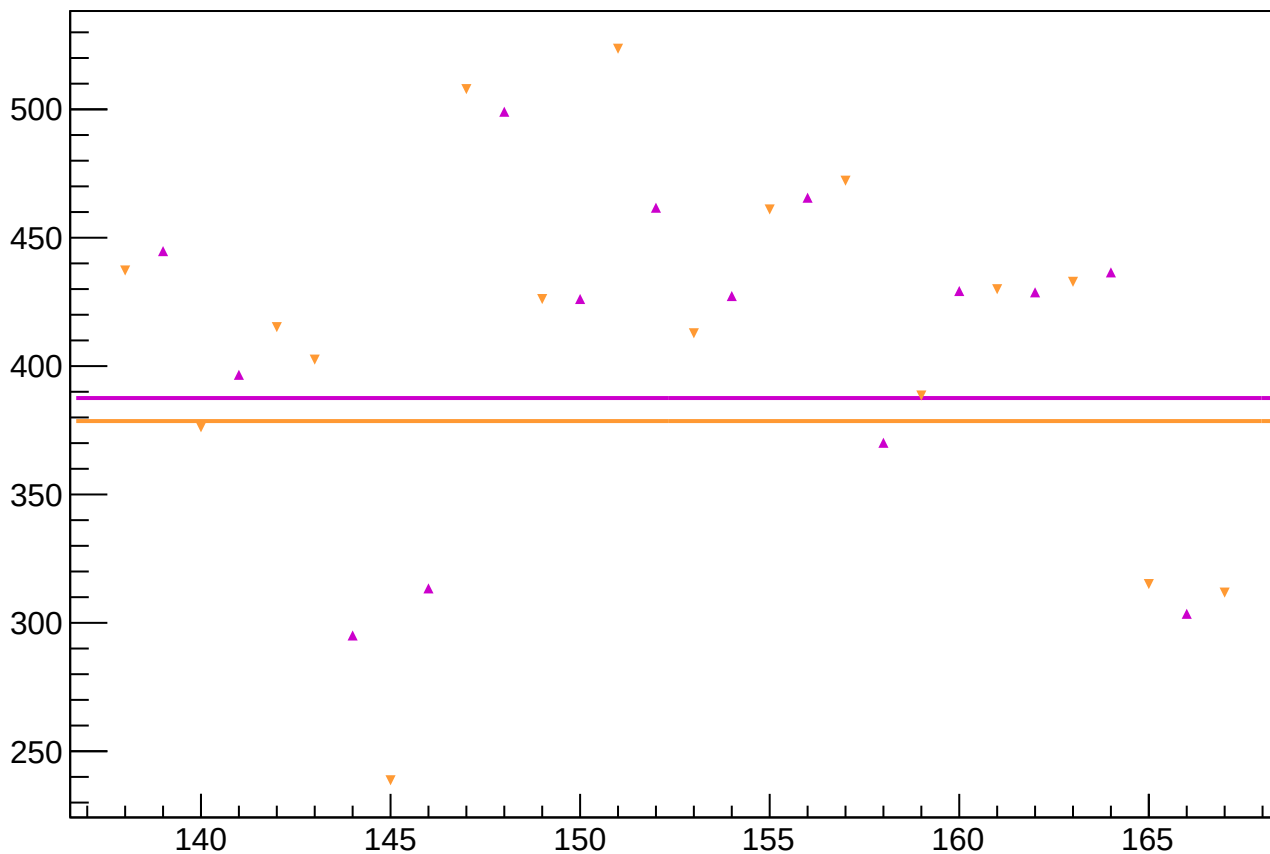
Left In: -203.490+/-119.085 χ^2/NDF : 22.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.985+/-81.865 χ^2/NDF : 54.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 378.588+/-0.080 χ^2/NDF : 1067546.1/15

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

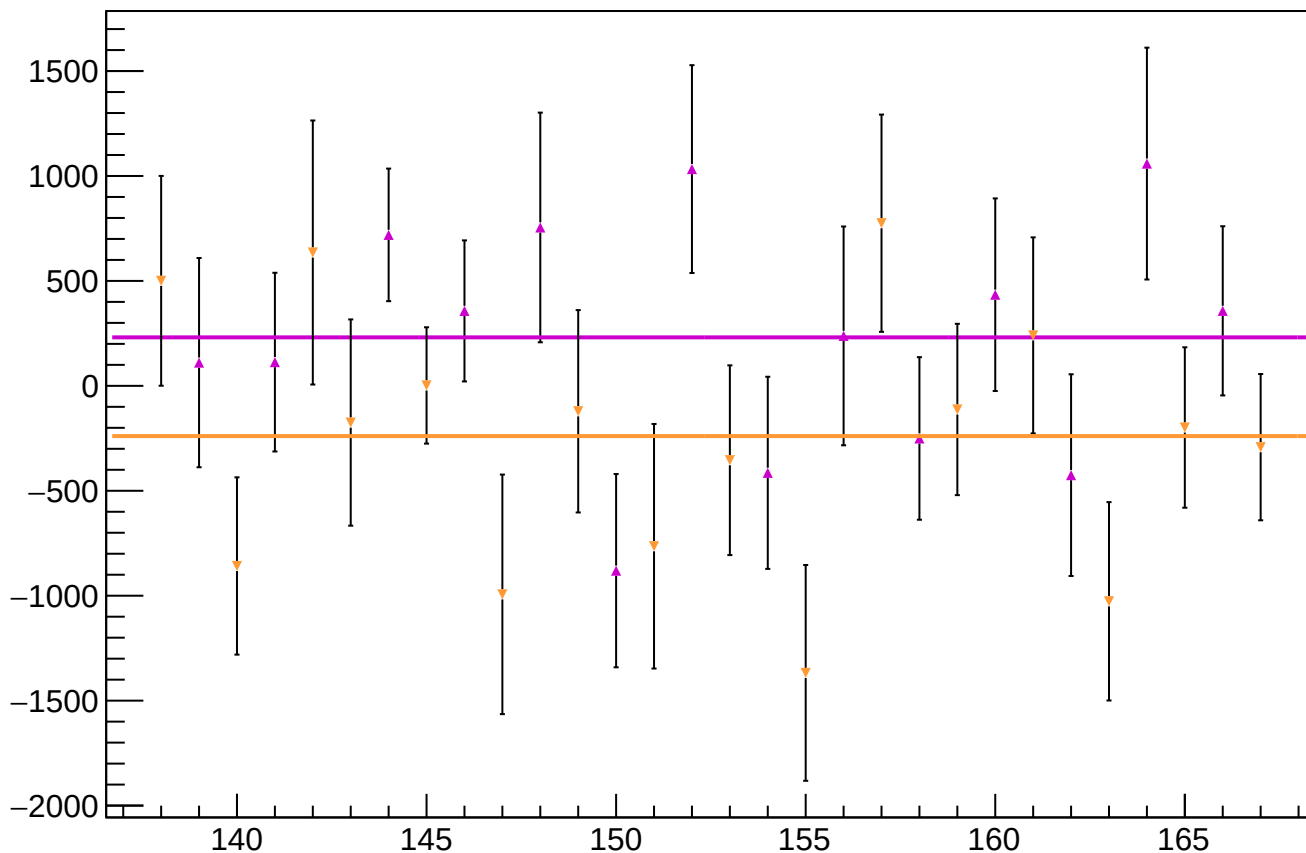
Left In: 387.559+/-0.084 χ^2/NDF : 604445.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.828+/-0.058 χ^2/NDF : 1677978.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -239.445+/-110.321 χ^2/NDF : 22.3/15

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

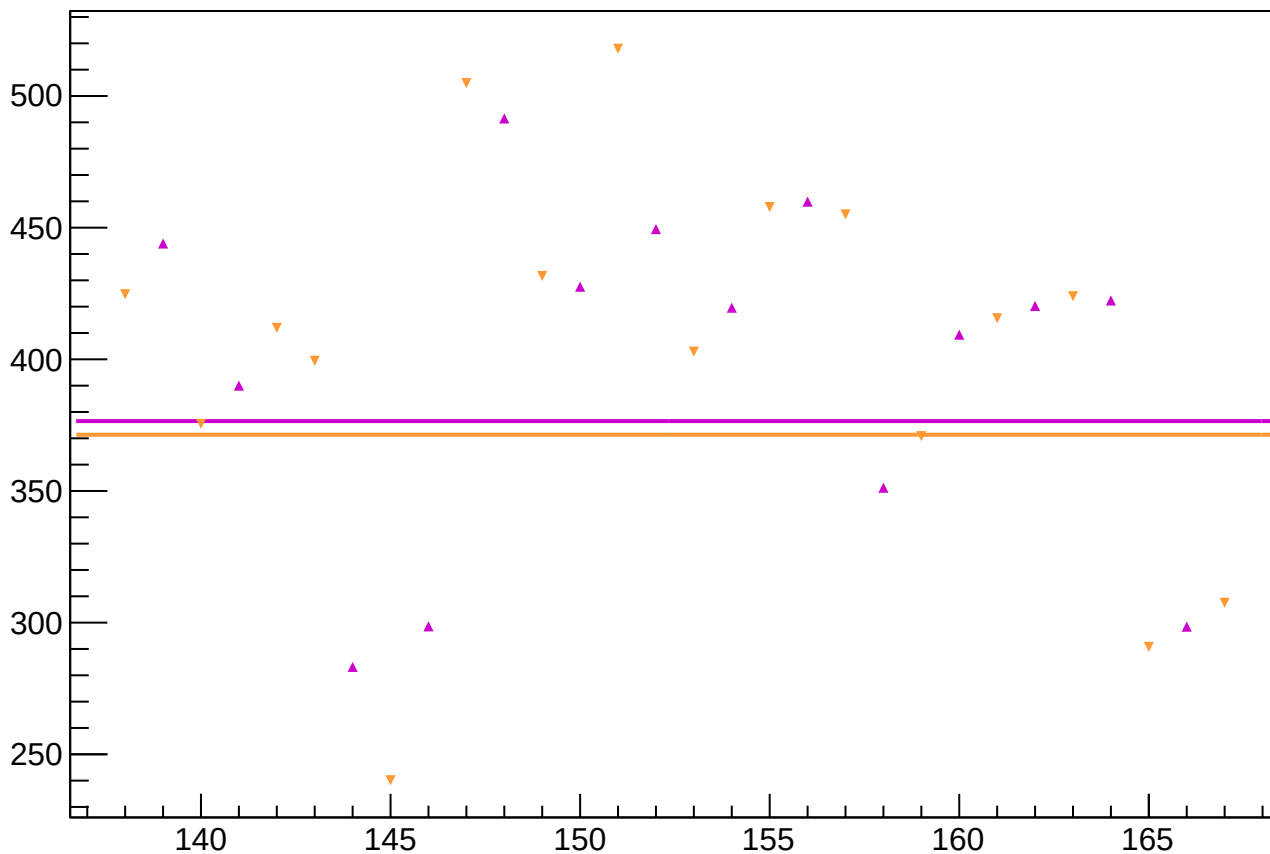
Left In: 231.057+/-116.104 χ^2/NDF : 20.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.202+/-79.975 χ^2/NDF : 51.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 371.360+/-0.078 χ^2/NDF : 1070936.2/15

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

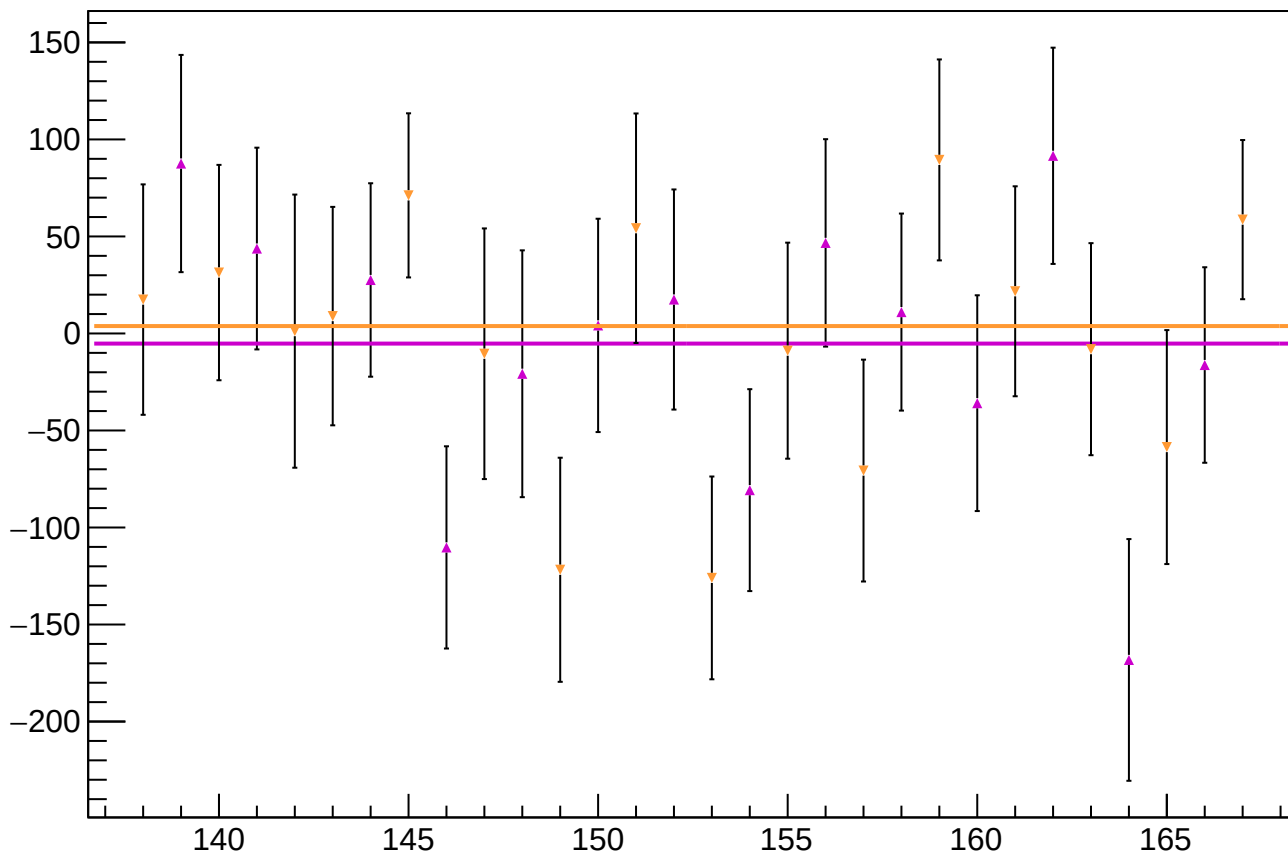
Left In: 376.537+/-0.082 χ^2/NDF : 670142.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.816+/-0.057 χ^2/NDF : 1743167.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 3.813 $\pm$ 13.578 χ^2 /NDF:22.0/15

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

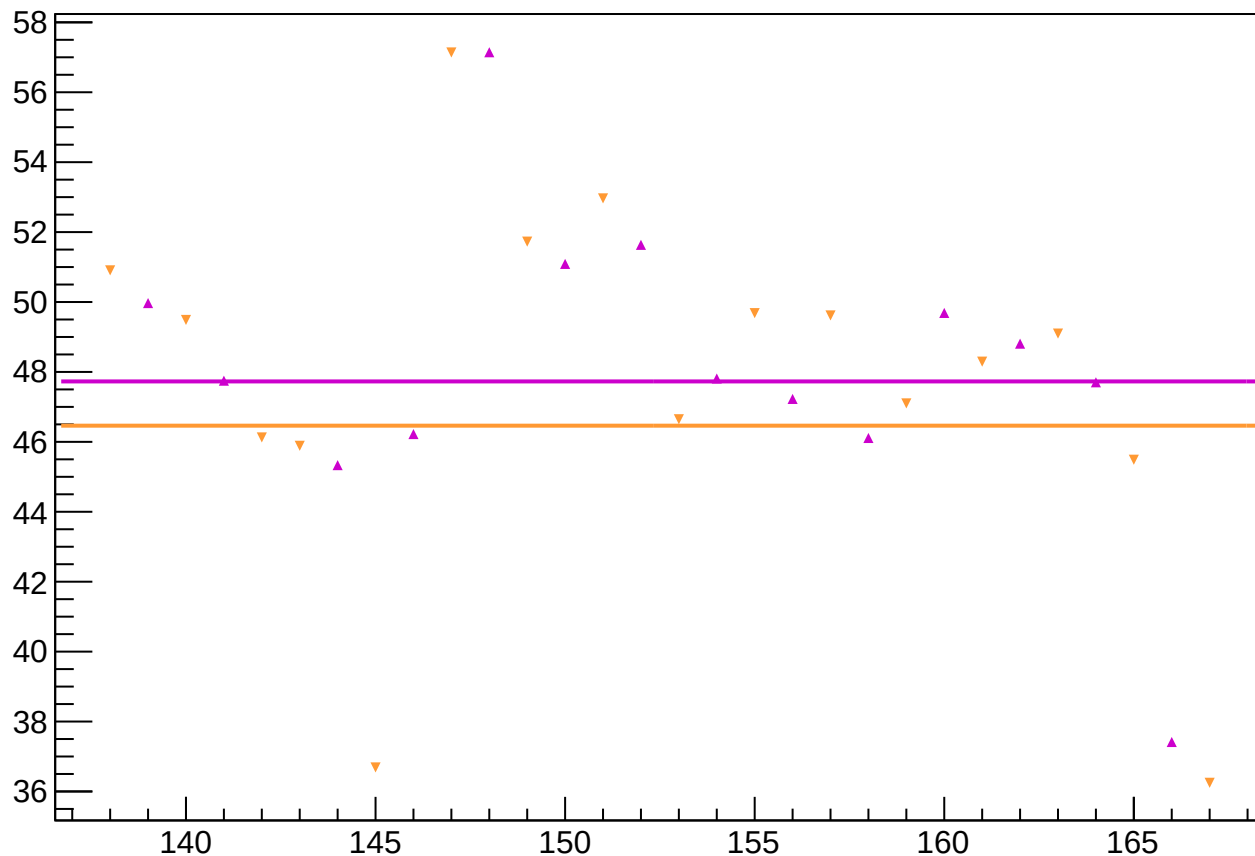
Left In: -5.218 $\pm$ 14.504 χ^2 /NDF:21.8/13

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

All: -0.405 $\pm$ 9.912 χ^2 /NDF: 44.0/29

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

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 46.463+/-0.010 χ^2/NDF : 364249.2/15

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

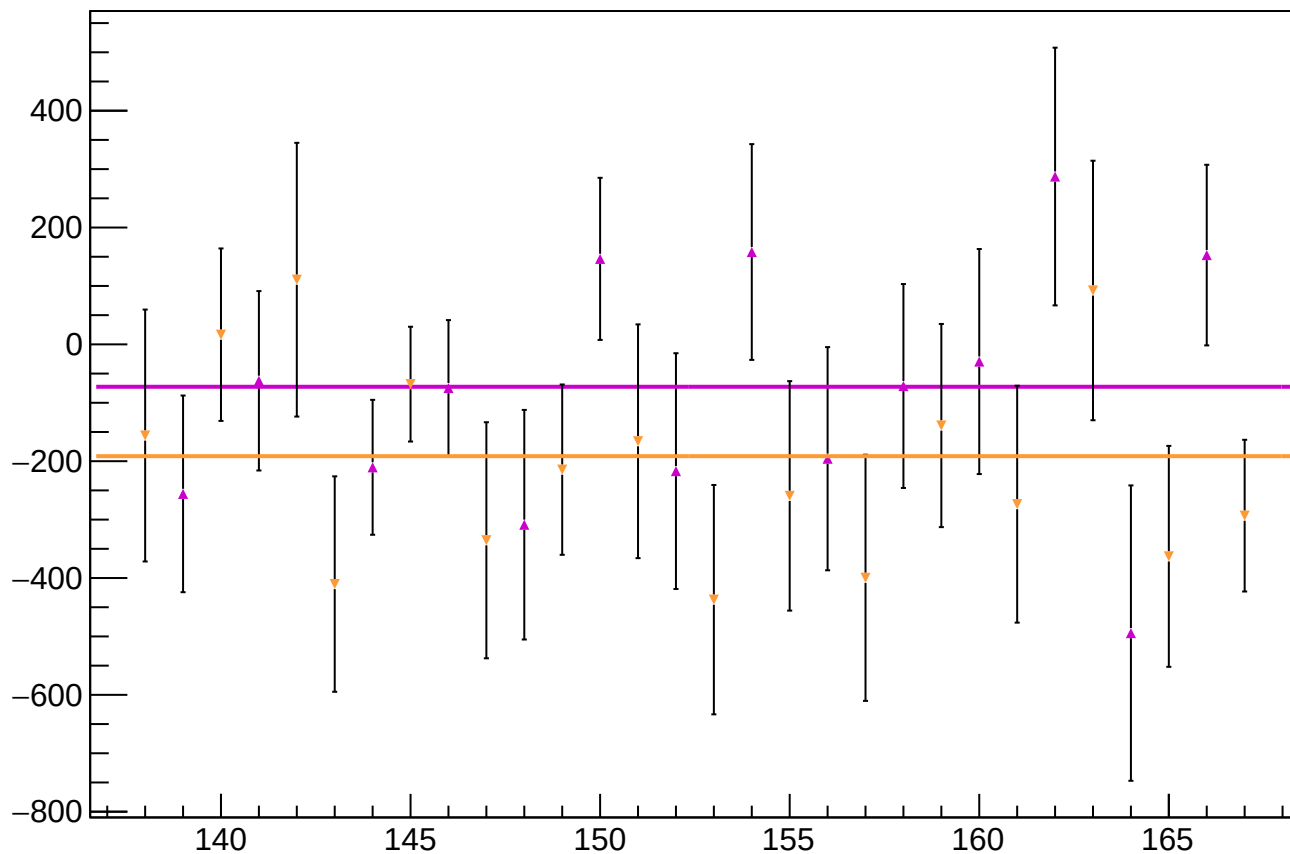
Left In: 47.729+/-0.010 χ^2/NDF : 159554.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.054+/-0.007 χ^2/NDF : 531919.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -191.420+/-42.470 χ^2/NDF :13.2/15

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

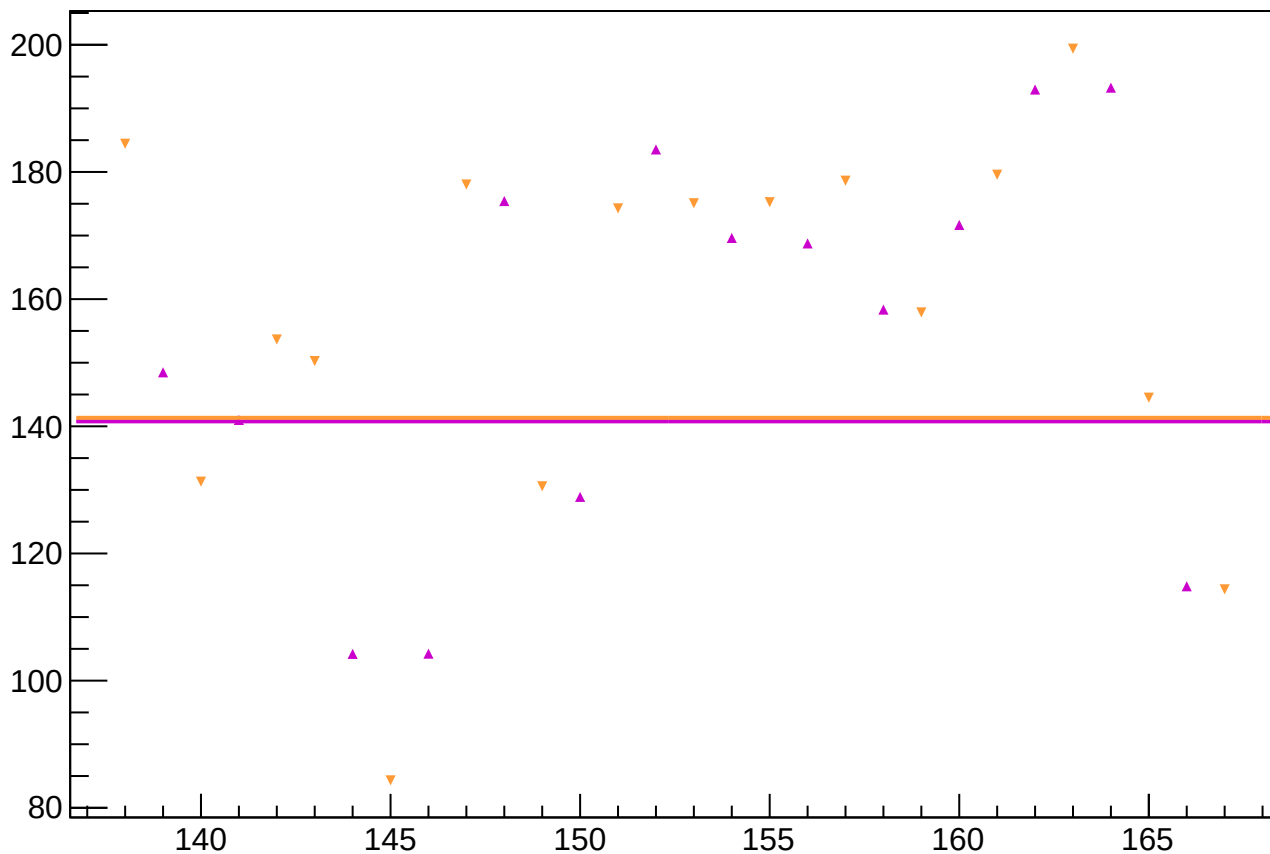
Left In: -72.582+/-43.706 χ^2/NDF :16.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -133.706+/-30.458 χ^2/NDF : 33.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 141.335+/-0.030 χ^2/NDF :1397956.3/15

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

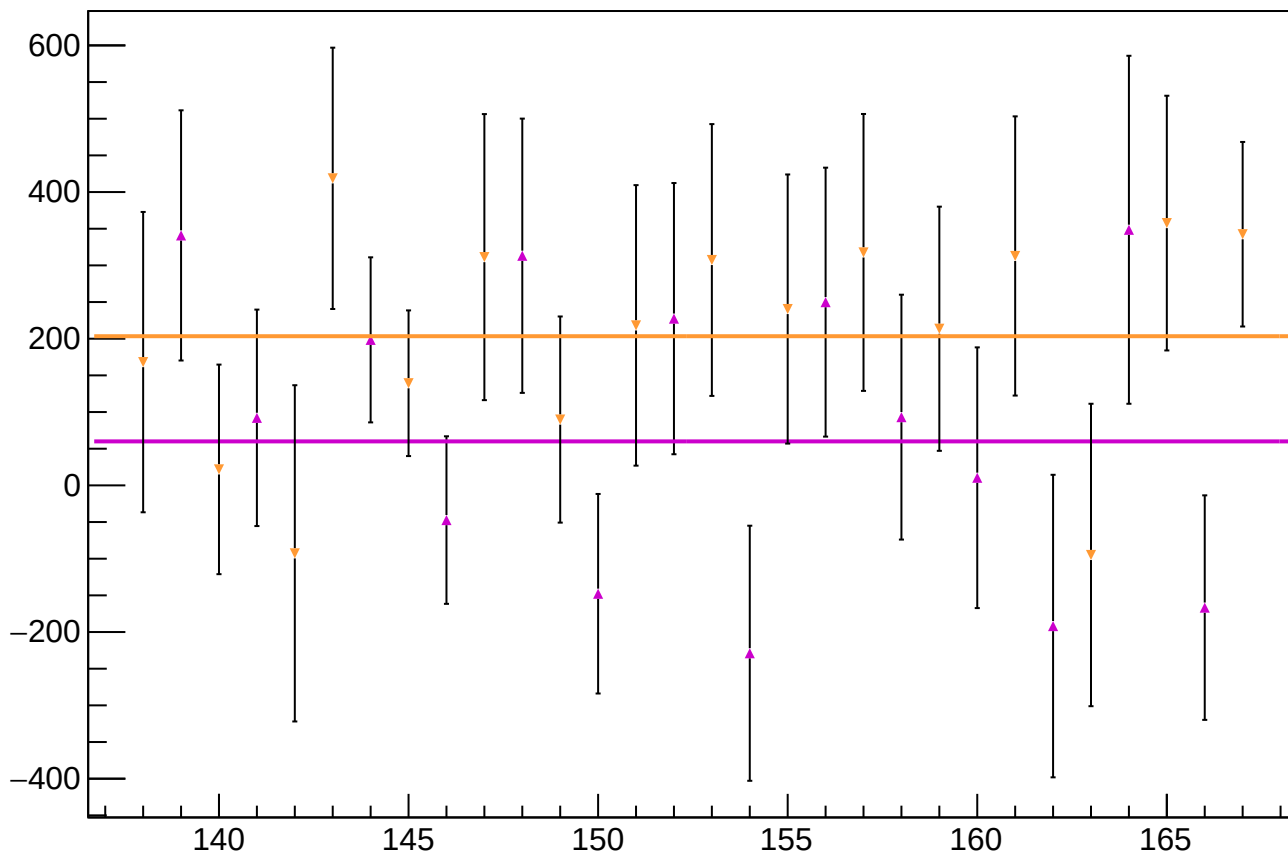
Left In: 140.777+/-0.031 χ^2/NDF :986485.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.064+/-0.022 χ^2/NDF : 2384609.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 203.409 $\pm$ 40.849 χ^2 /NDF:11.3/15

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

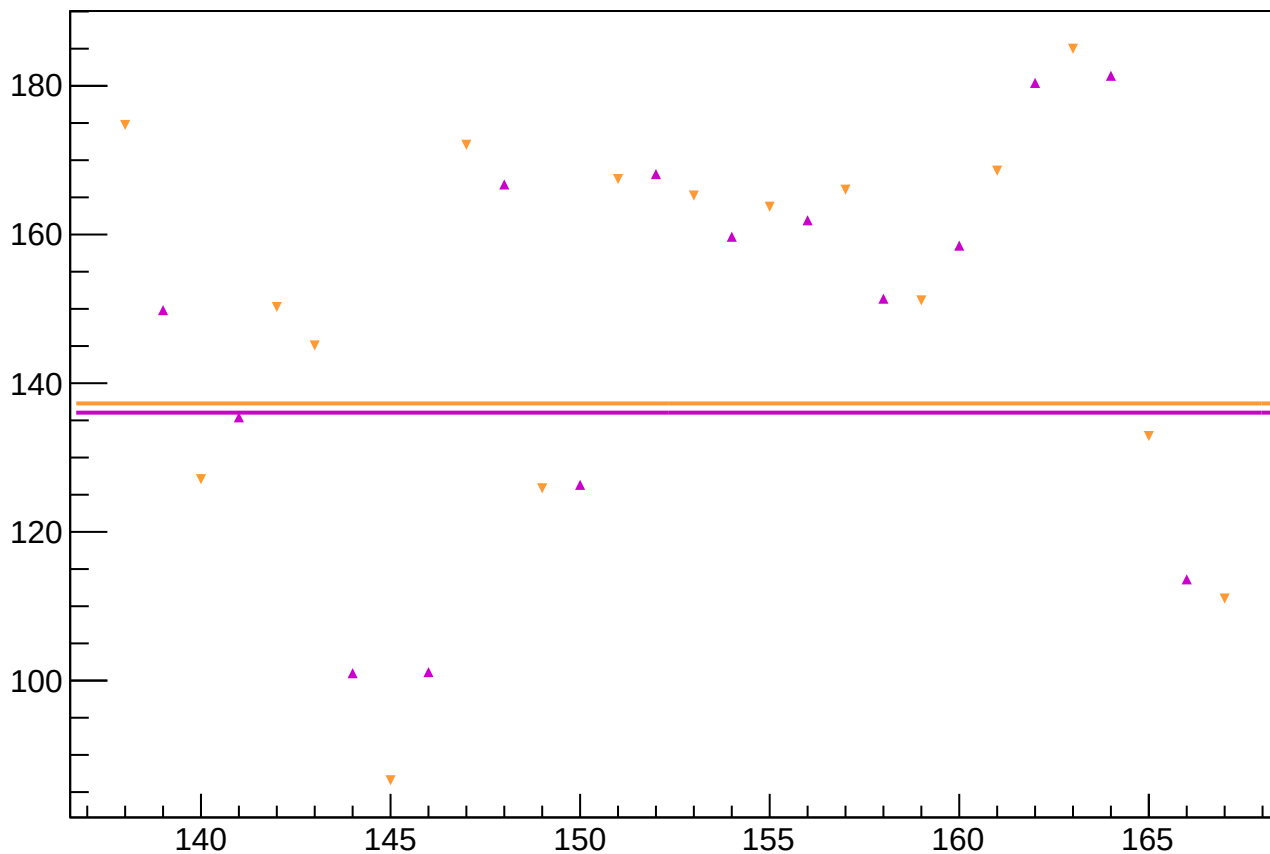
Left In: 59.981 $\pm$ 42.186 χ^2 /NDF:19.2/13

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

All: 134.004 $\pm$ 29.346 χ^2 /NDF: 36.5/29

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

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 137.280+/-0.029 χ^2/NDF :1131635.2/15

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

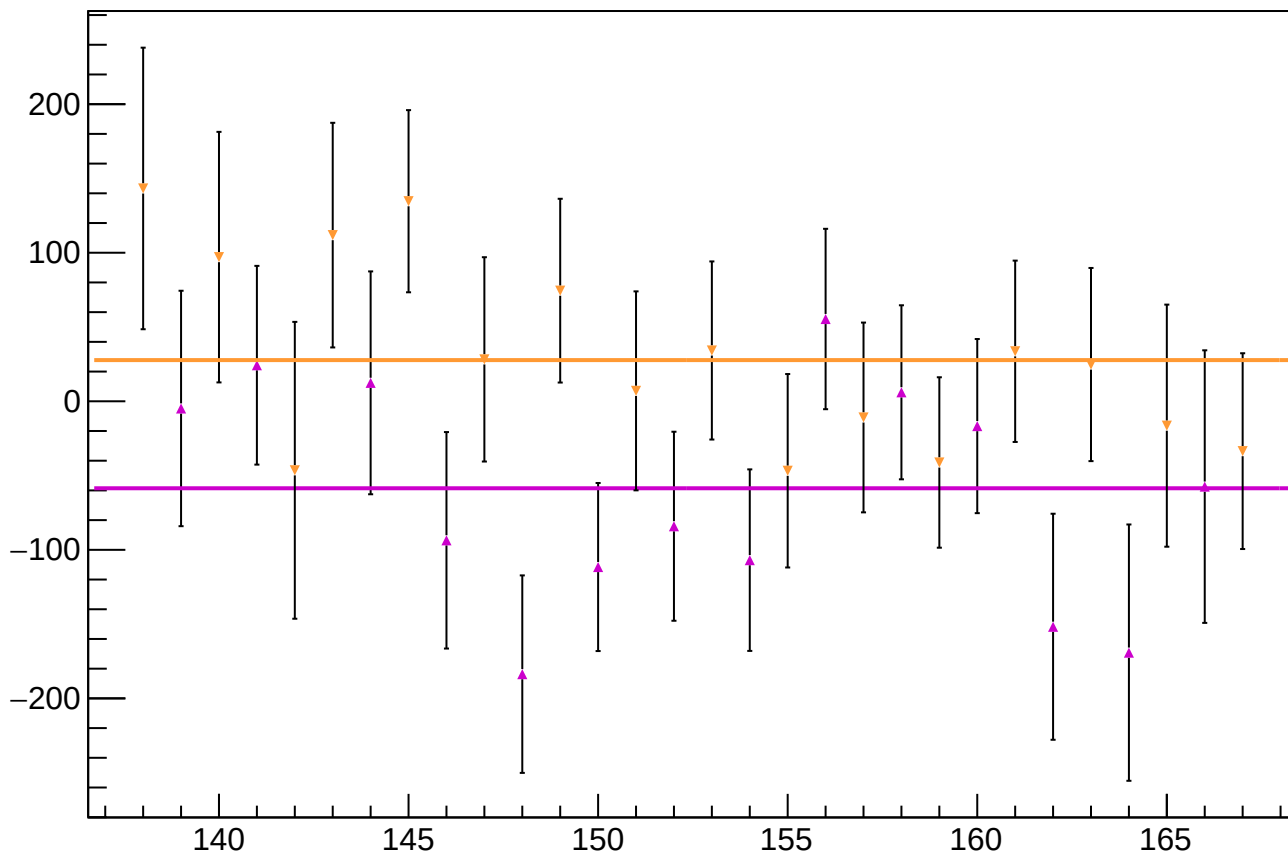
Left In: 136.040+/-0.030 χ^2/NDF :851933.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.680+/-0.021 χ^2/NDF : 1984458.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 27.723 $\pm$ 17.056 χ^2 /NDF:12.0/15

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

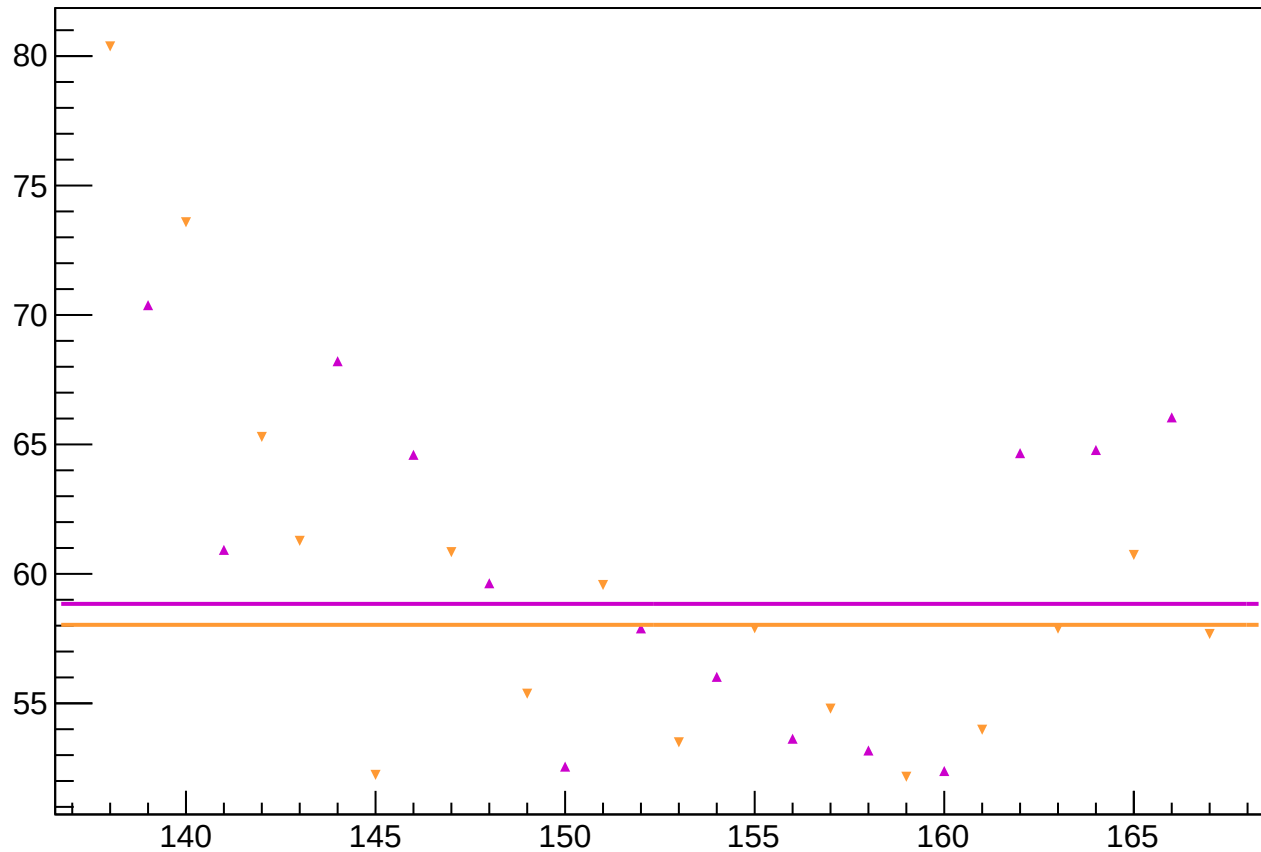
Left In: -58.556 $\pm$ 18.012 χ^2 /NDF:16.7/13

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

All: -13.064 $\pm$ 12.384 χ^2 /NDF: 40.8/29

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

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 58.032+/-0.012 χ^2/NDF : 267948.6/15

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

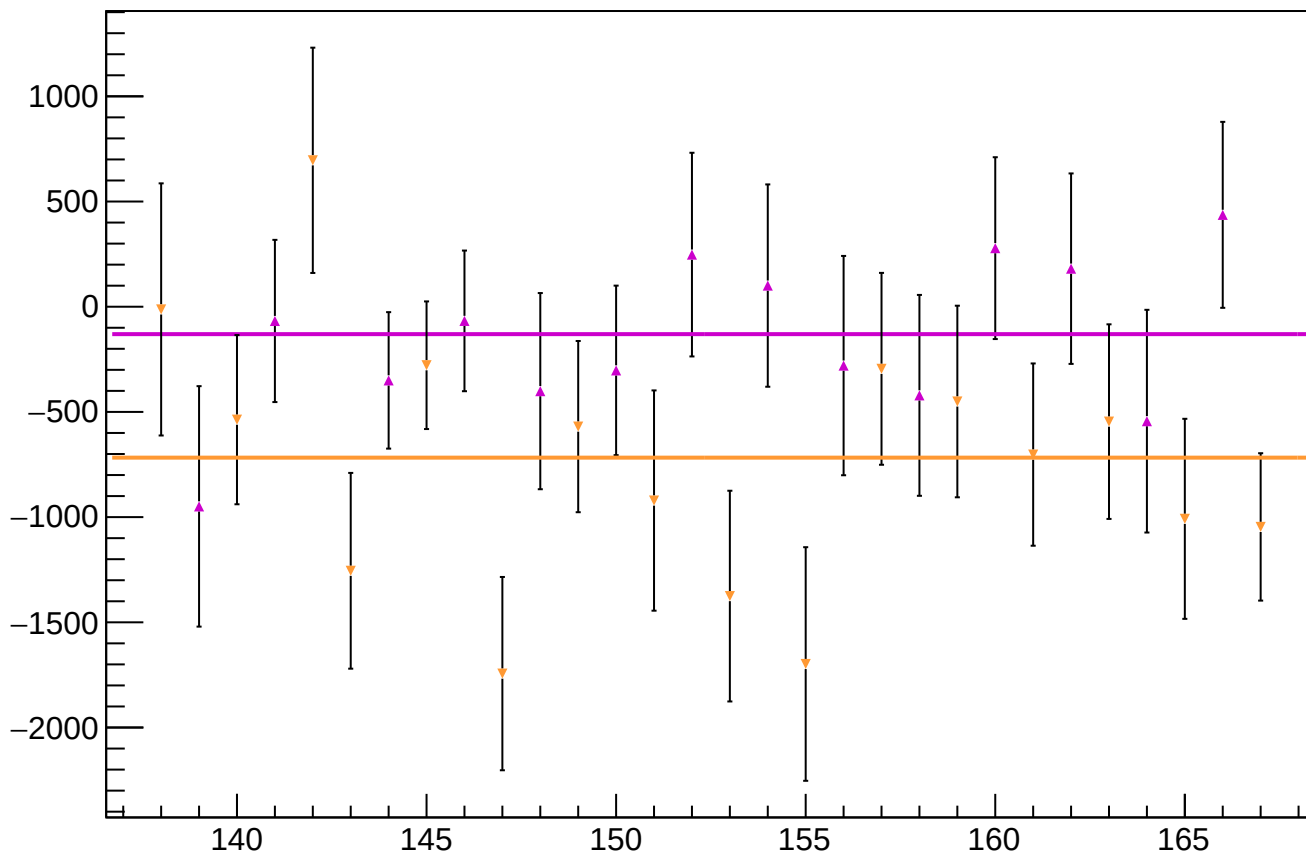
Left In: 58.841+/-0.013 χ^2/NDF : 208958.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.415+/-0.009 χ^2/NDF : 479036.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_mean vs Slug



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

Left Out: -717.320 ± 110.550 $\chi^2/\text{NDF}: 24.7/15$

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

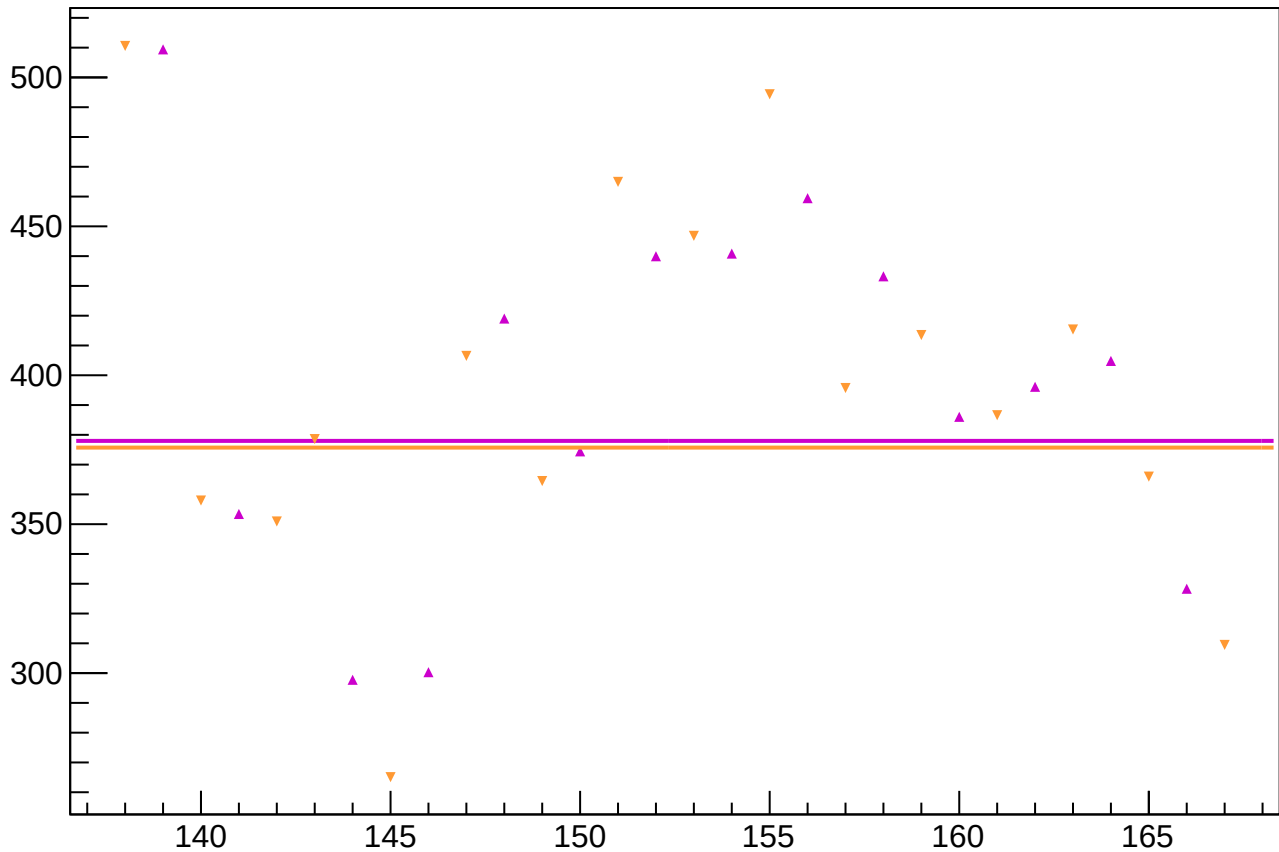
Left In: -130.312 ± 115.778 $\chi^2/\text{NDF}: 8.0/13$

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

All: -437.368 ± 79.955 $\chi^2/\text{NDF}: 46.2/29$

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

asym_sam_1357_avg_correction_rms vs Slug



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

Left Out: 375.717+/-0.078 χ^2/NDF : 682016.7/15

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

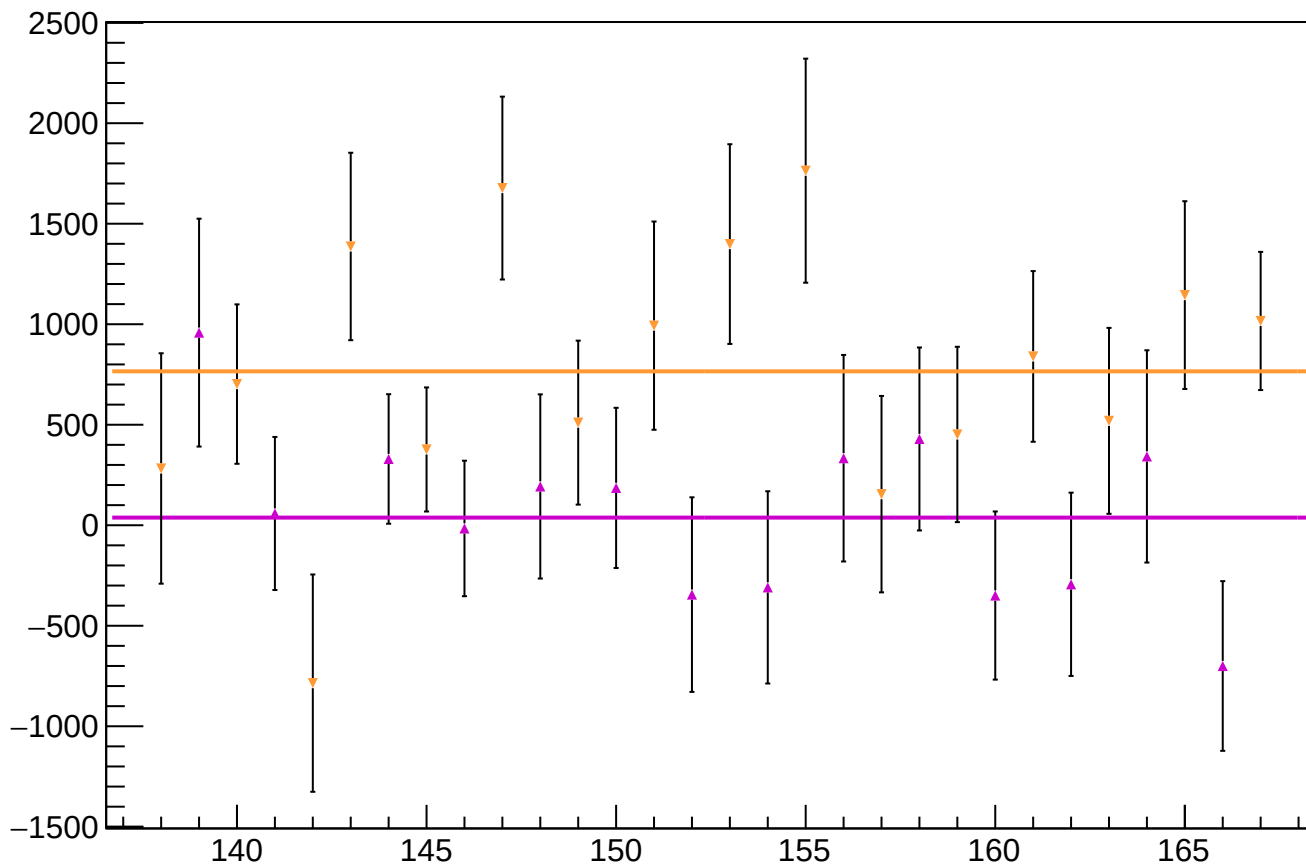
Left In: 377.966+/-0.082 χ^2/NDF : 536895.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.790+/-0.057 χ^2/NDF : 1219306.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_mean vs Slug



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

Left Out: 765.678 $\pm$ 110.099 χ^2 /NDF:25.4/15

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

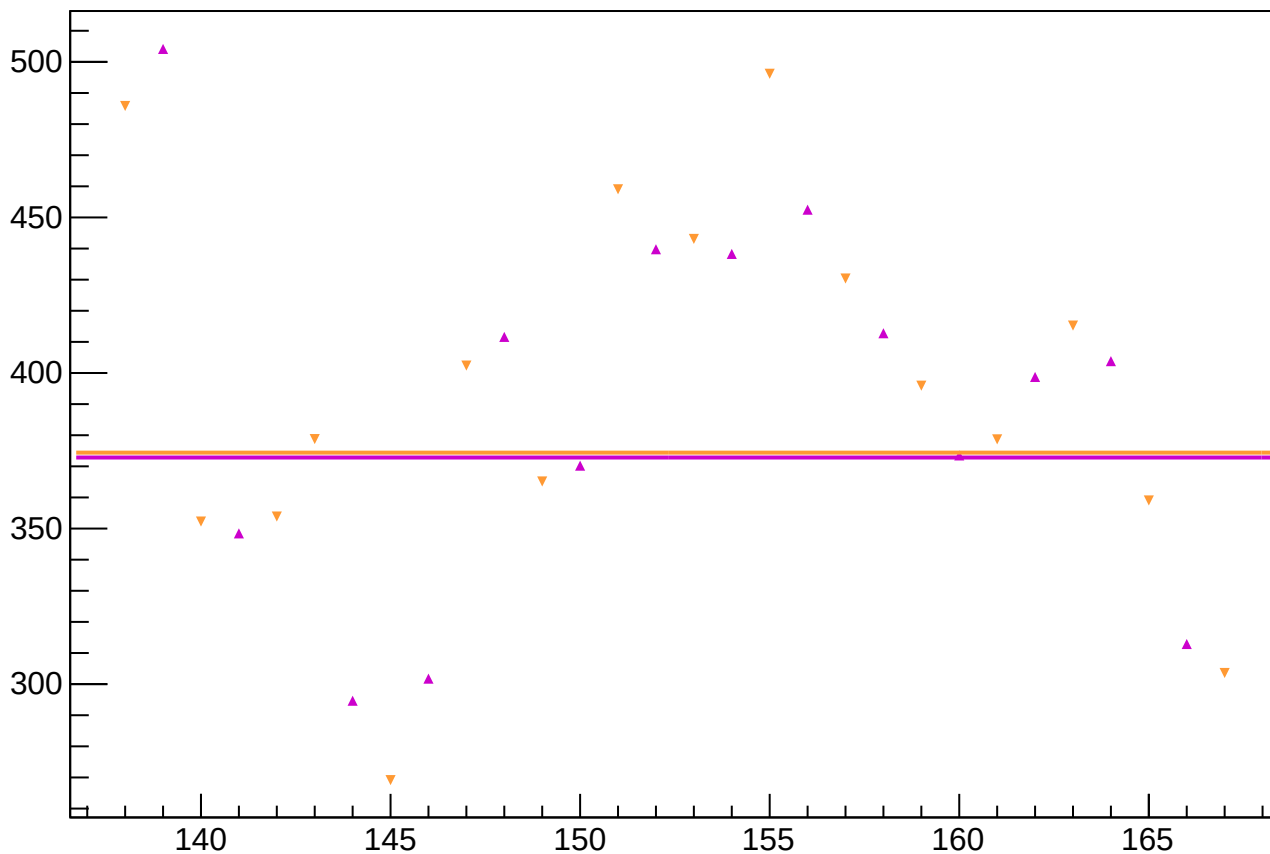
Left In: 38.016 $\pm$ 114.333 χ^2 /NDF:10.7/13

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

All: 415.570 $\pm$ 79.306 χ^2 /NDF: 57.1/29

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

asym_sam_1357_avg_rms vs Slug



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

Left Out: 374.409+/-0.078 χ^2/NDF : 647376.2/15

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

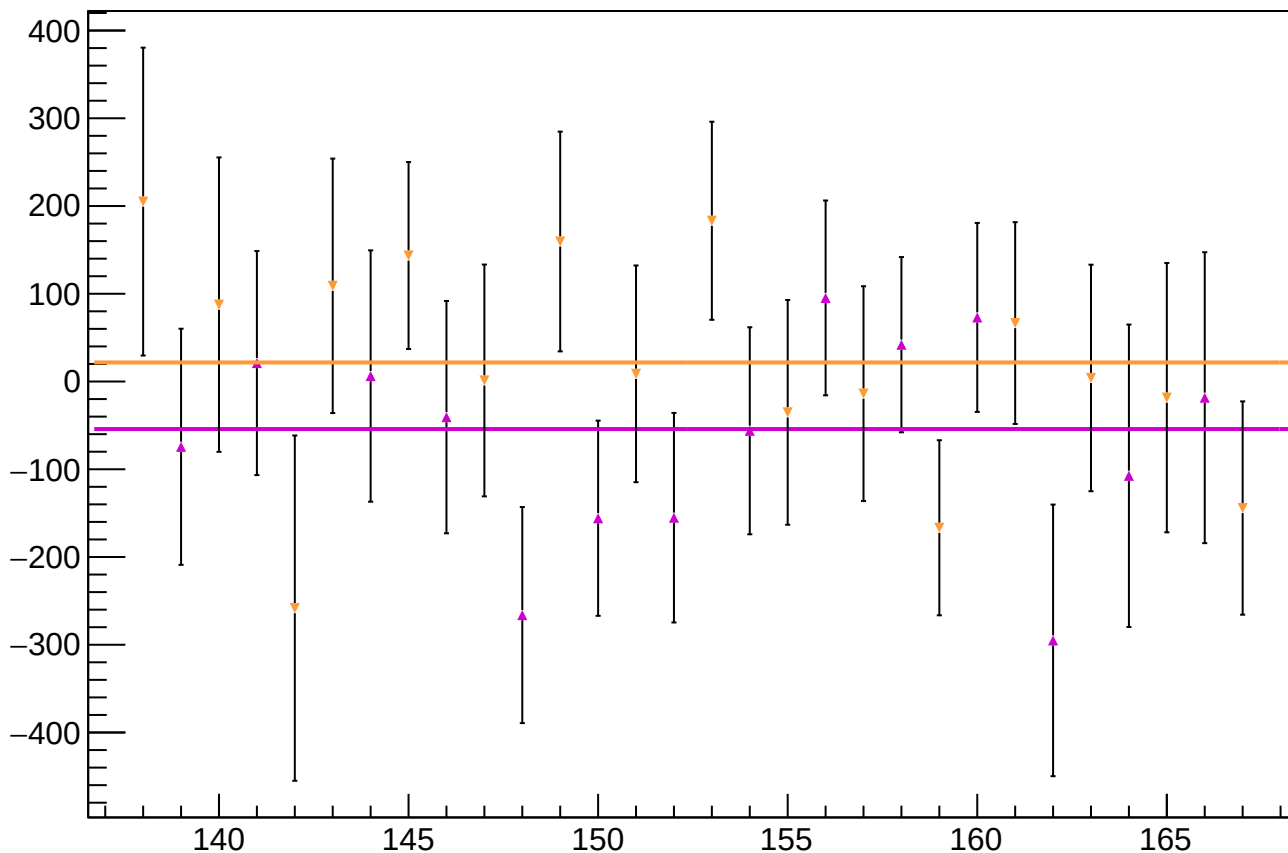
Left In: 372.834+/-0.081 χ^2/NDF : 529584.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.651+/-0.056 χ^2/NDF : 1177158.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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

Left Out: 21.758 $\pm$ 32.132 χ^2 /NDF:14.2/15

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

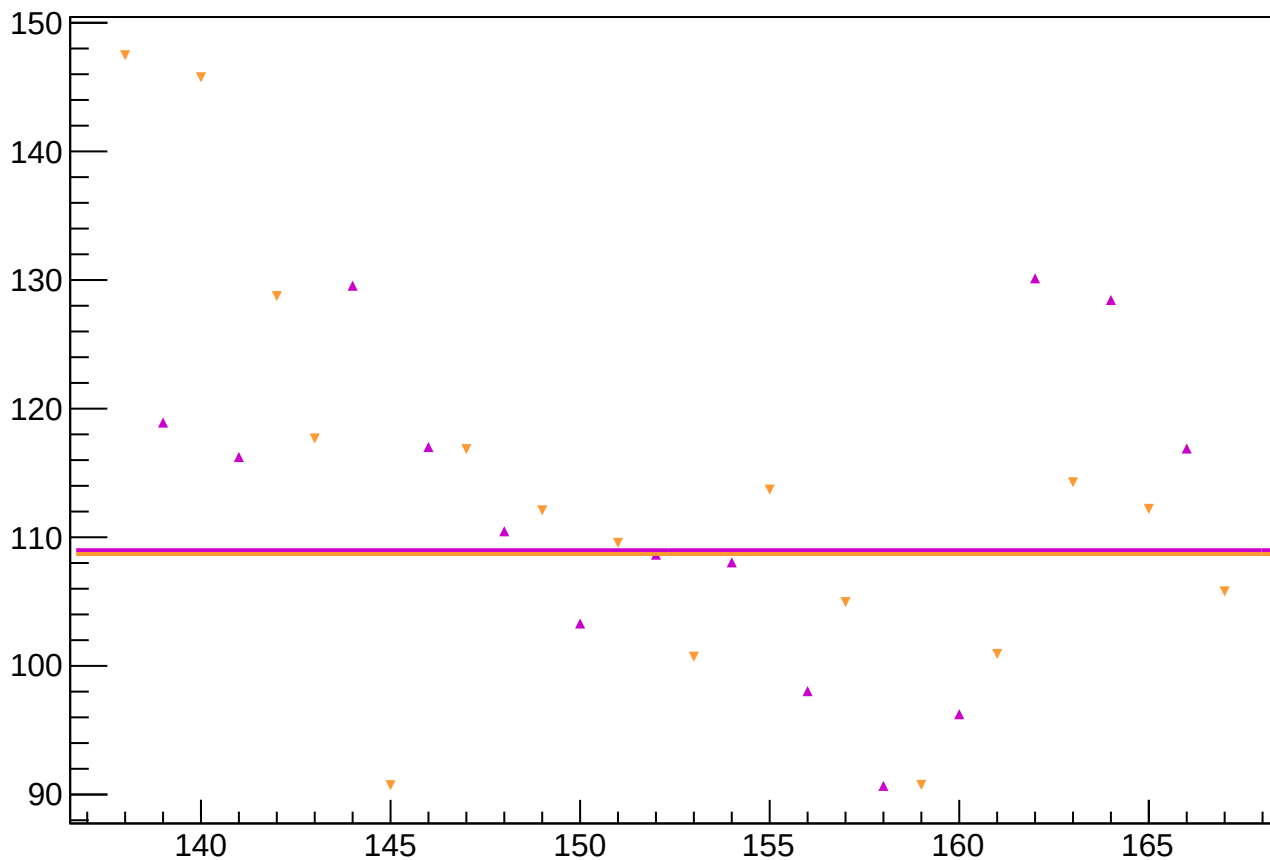
Left In: -54.188 $\pm$ 33.507 χ^2 /NDF:11.8/13

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

All: -14.624 $\pm$ 23.192 χ^2 /NDF: 28.6/29

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

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 108.700+/-0.023 χ^2/NDF : 384621.7/15

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

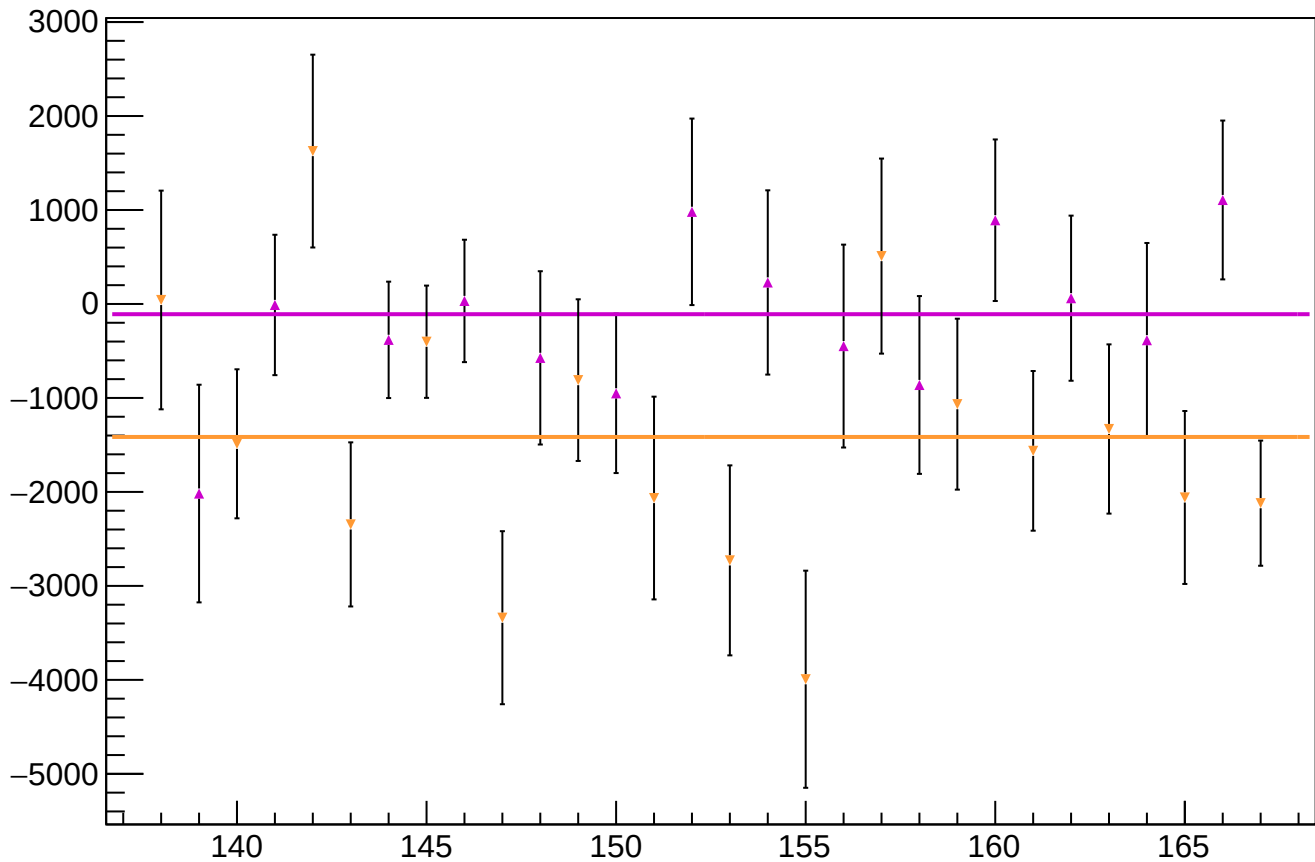
Left In: 108.992+/-0.024 χ^2/NDF : 253797.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.840+/-0.016 χ^2/NDF : 638498.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_mean vs Slug



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

Left Out: -1415.097+/-219.776 χ^2/NDF :31.5/15

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

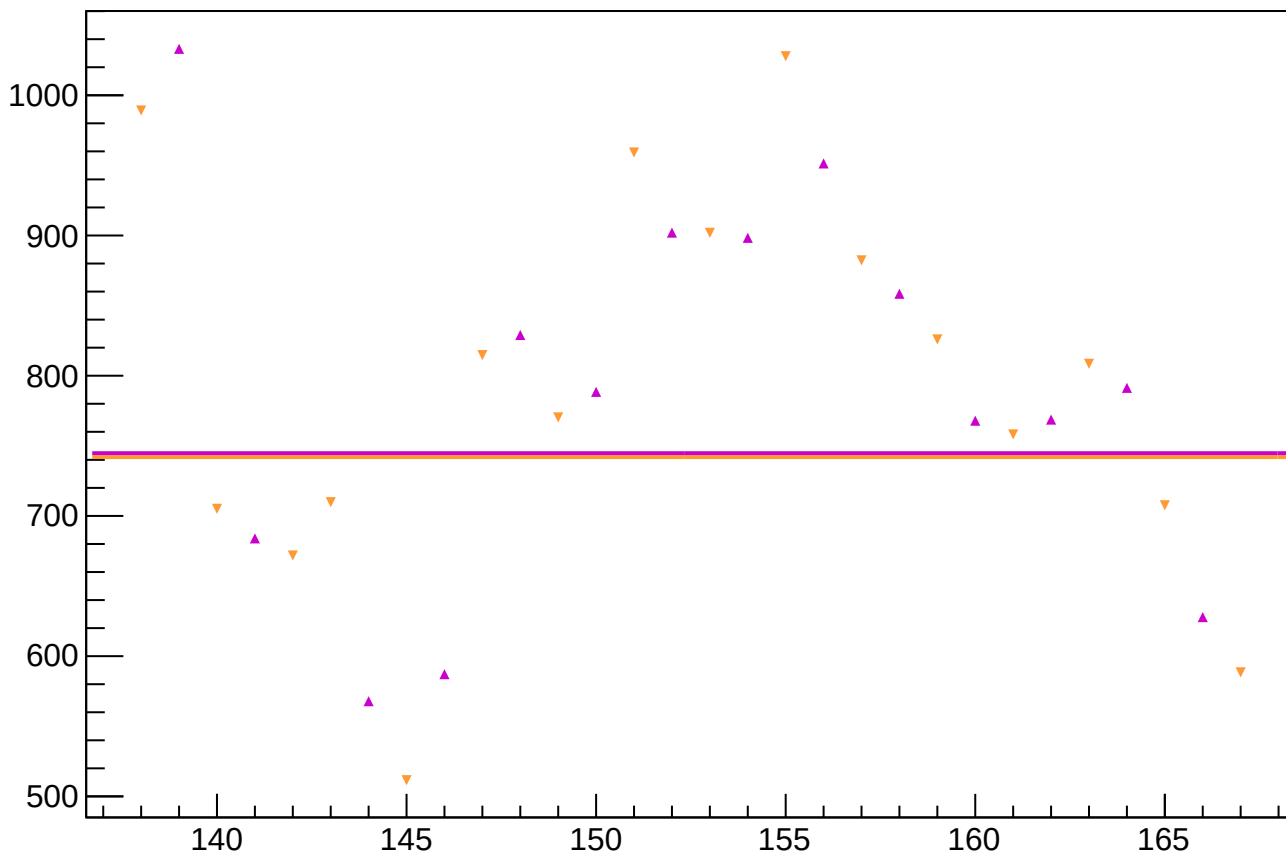
Left In: -108.834+/-228.908 χ^2/NDF :9.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -788.540+/-158.535 χ^2/NDF : 58.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_rms vs Slug



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

Left Out: 741.989+/-0.155 χ^2/NDF : 846776.6/15

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

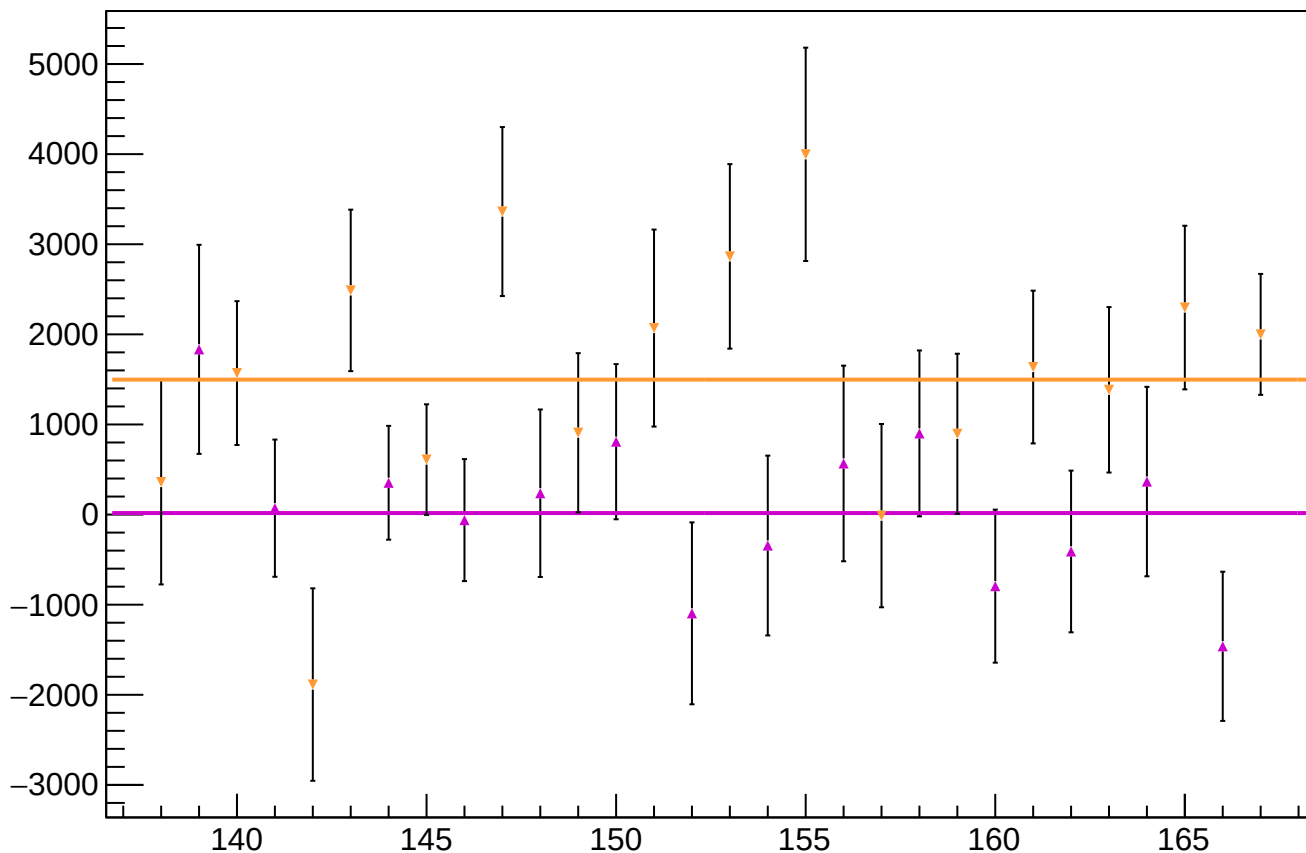
Left In: 744.728+/-0.162 χ^2/NDF : 686320.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.302+/-0.112 χ^2/NDF : 1533246.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



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

Left Out: 1497.687+/-221.983 χ^2/NDF :29.3/15

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

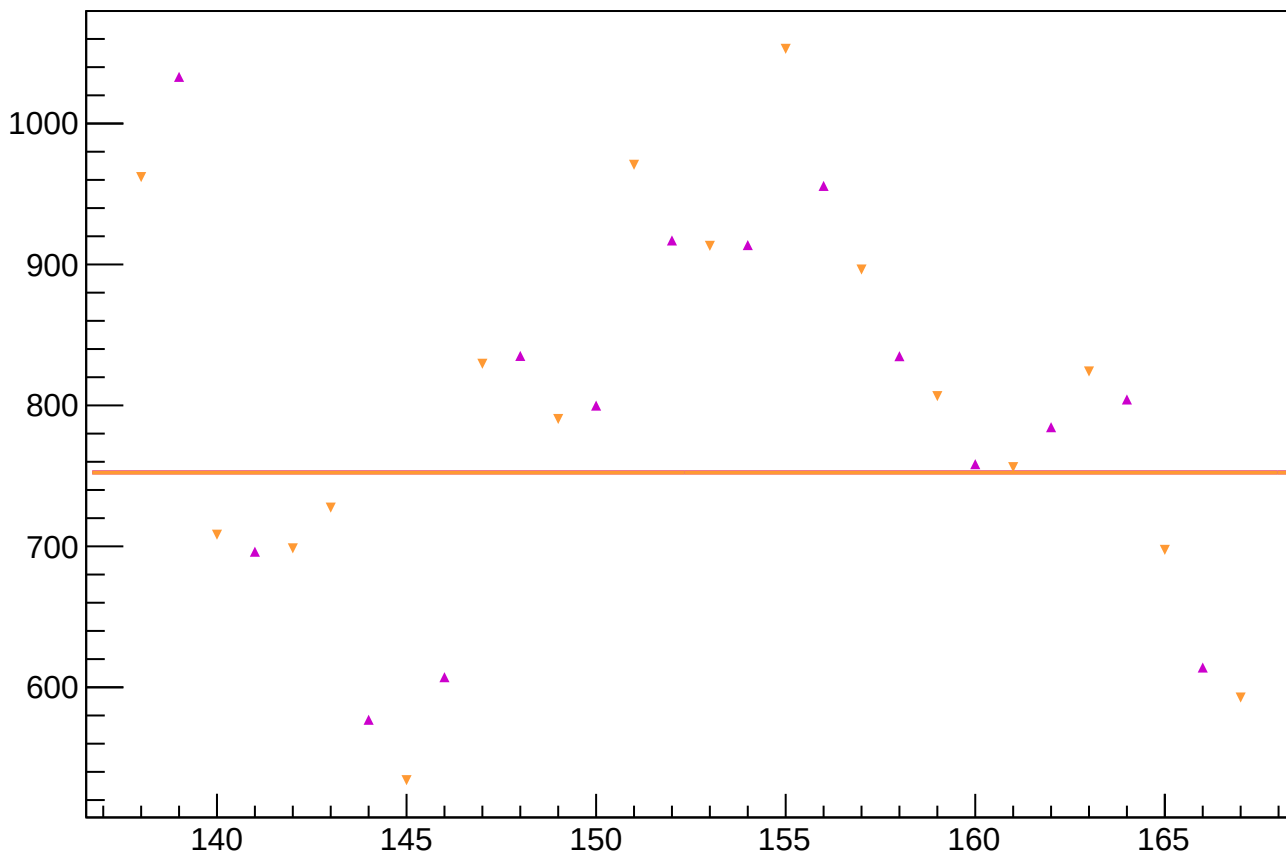
Left In: 16.782+/-231.415 χ^2/NDF :10.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.027+/-160.196 χ^2/NDF : 61.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_rms vs Slug



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

Left Out: 752.349+/-0.157 χ^2/NDF : 789581.2/15

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

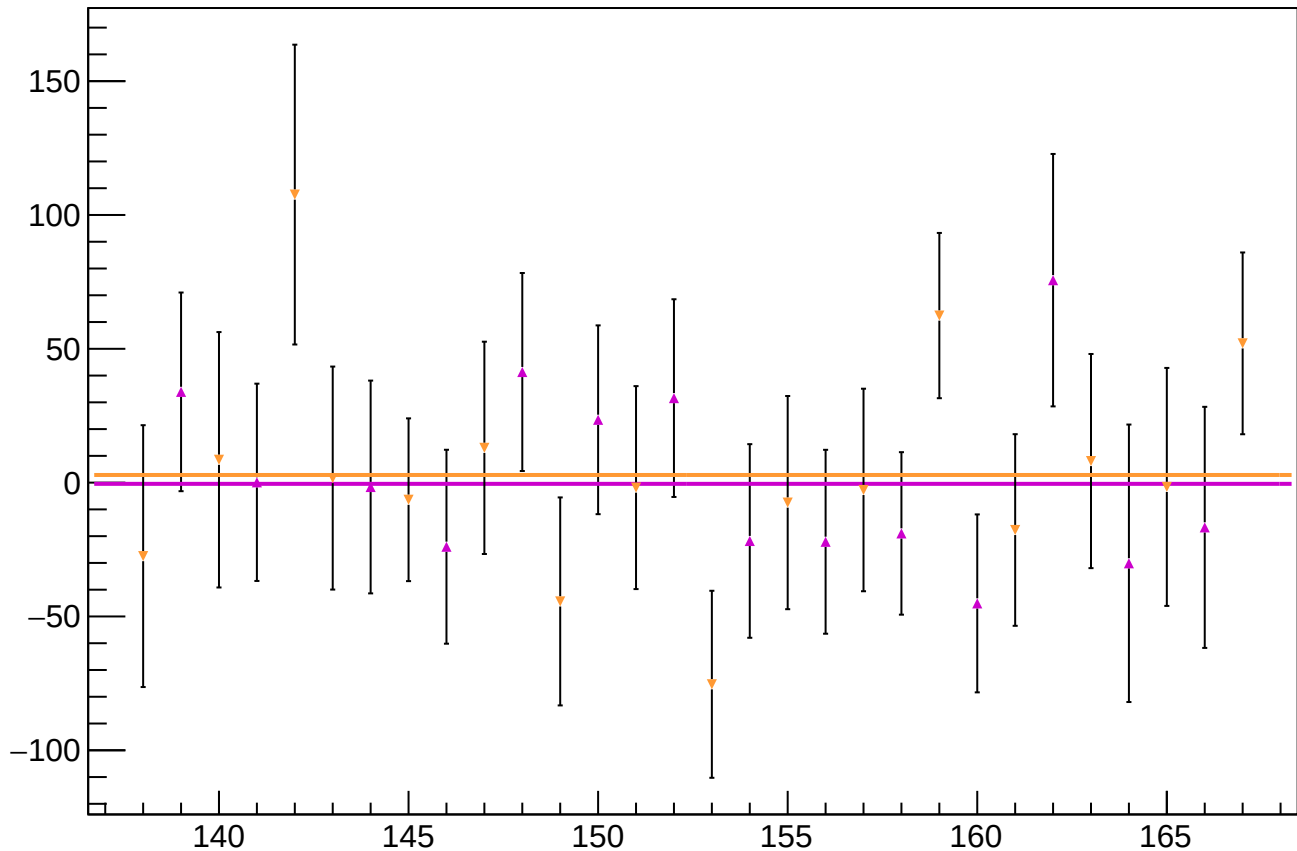
Left In: 752.487+/-0.164 χ^2/NDF : 651530.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.415+/-0.113 χ^2/NDF : 1441112.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: 2.859 $\pm$ 9.621 χ^2 /NDF:16.8/15

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

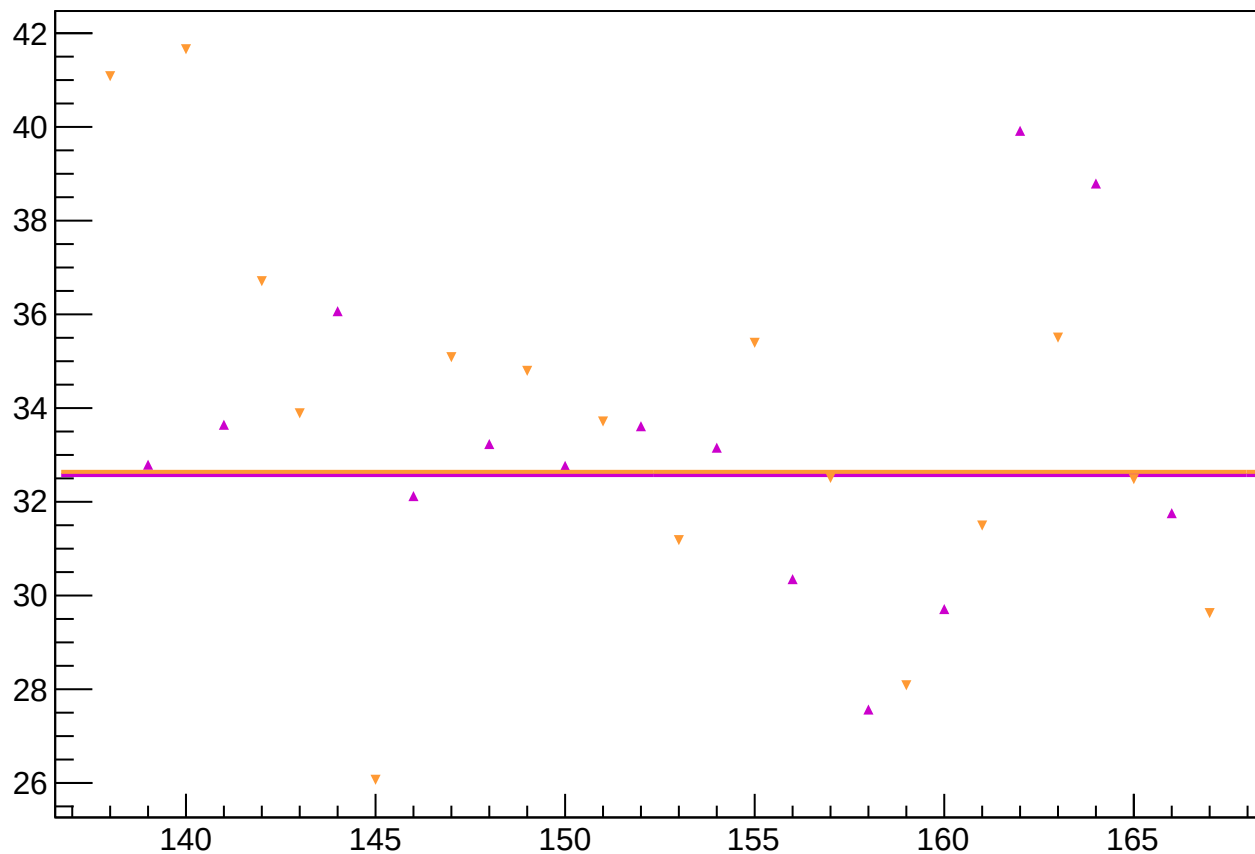
Left In: -0.455 $\pm$ 9.979 χ^2 /NDF:9.8/13

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

All: 1.263 $\pm$ 6.926 χ^2 /NDF: 26.6/29

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

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 32.640+/-0.007 χ^2/NDF : 336858.8/15

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

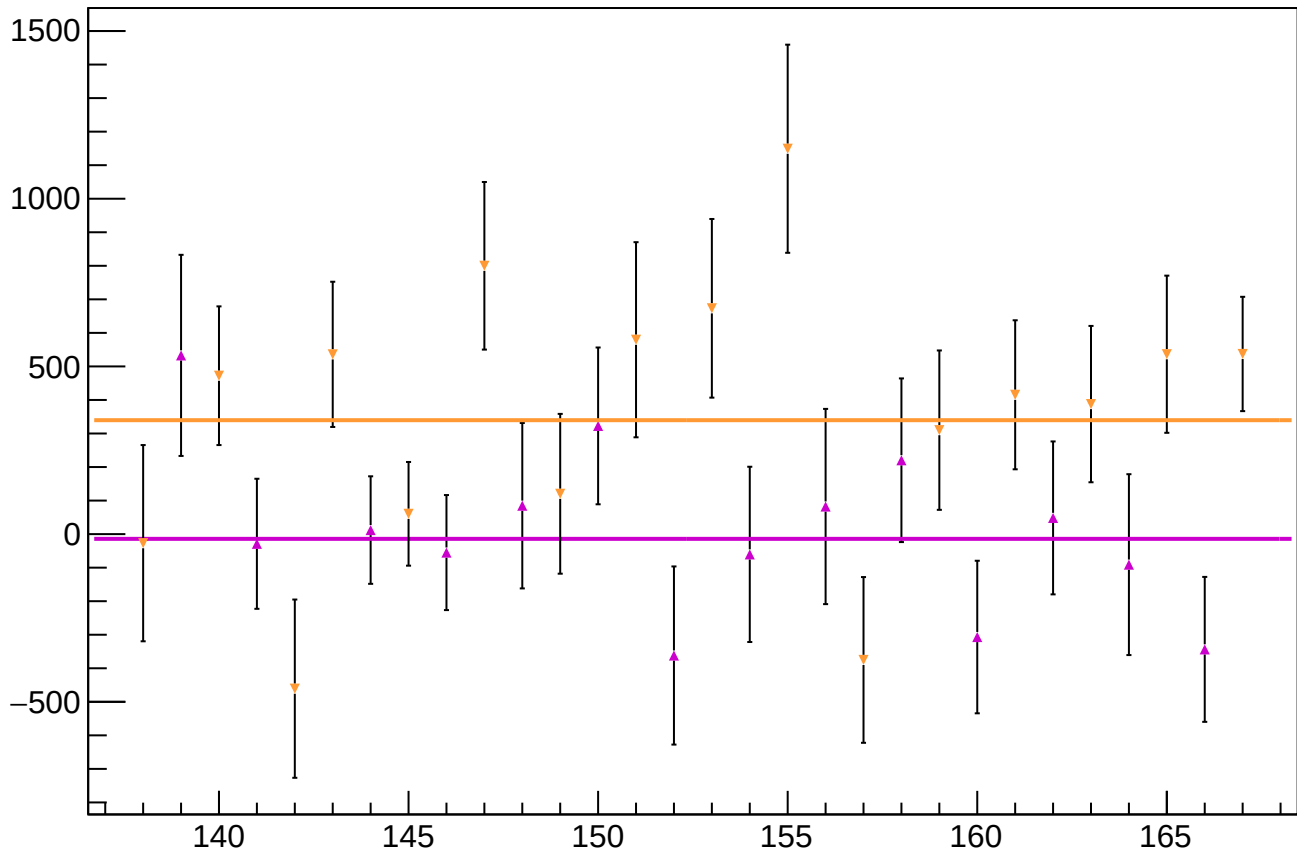
Left In: 32.570+/-0.007 χ^2/NDF : 175869.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.606+/-0.005 χ^2/NDF : 512777.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 339.679+/-57.002 χ^2/NDF : 39.0/15

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

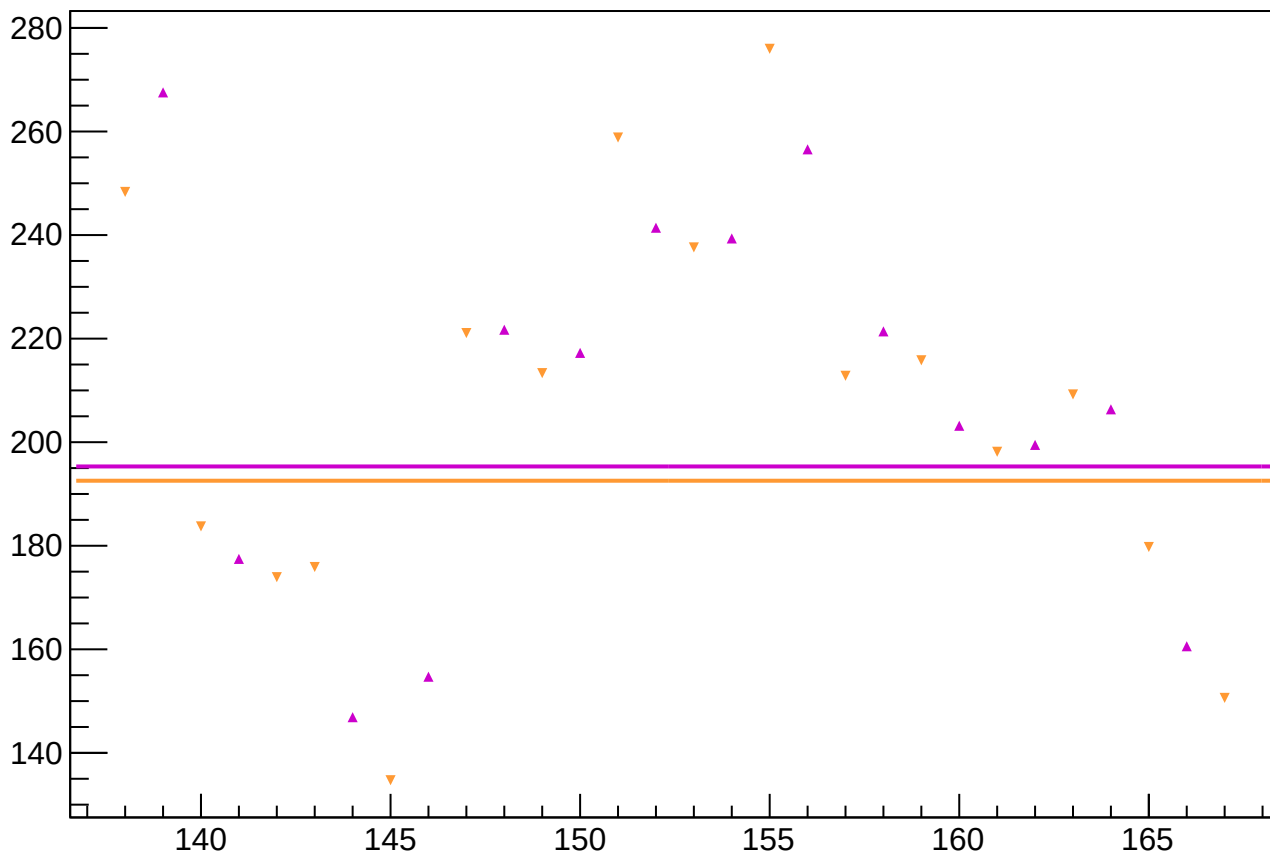
Left In: -14.102+/-60.133 χ^2/NDF : 12.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.238+/-41.369 χ^2/NDF : 69.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_rms vs Slug



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

Left Out: 192.559+/-0.040 χ^2/NDF : 896099.6/15

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

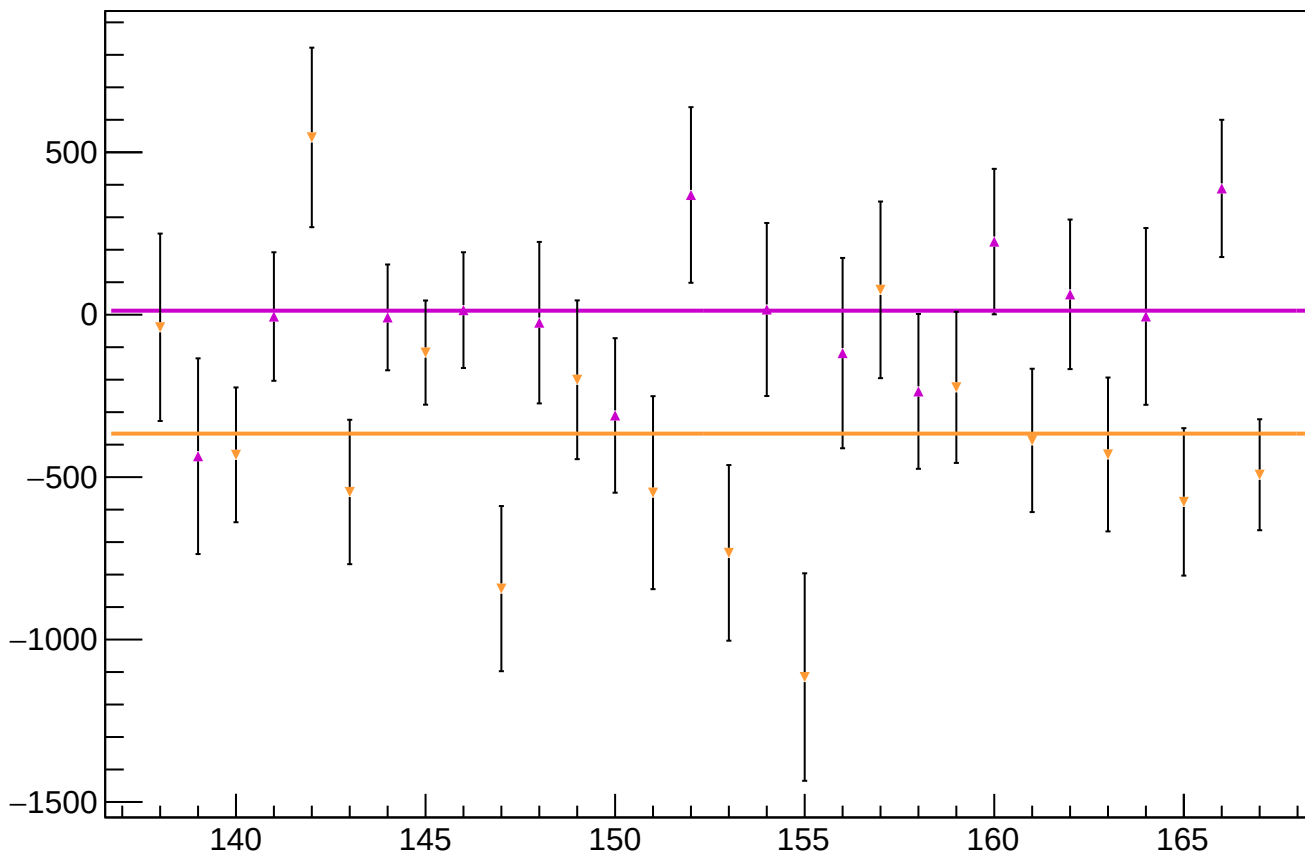
Left In: 195.314+/-0.043 χ^2/NDF : 754748.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.863+/-0.029 χ^2/NDF : 1653060.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -366.006 $\pm$ 57.871 χ^2 /NDF:31.6/15

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

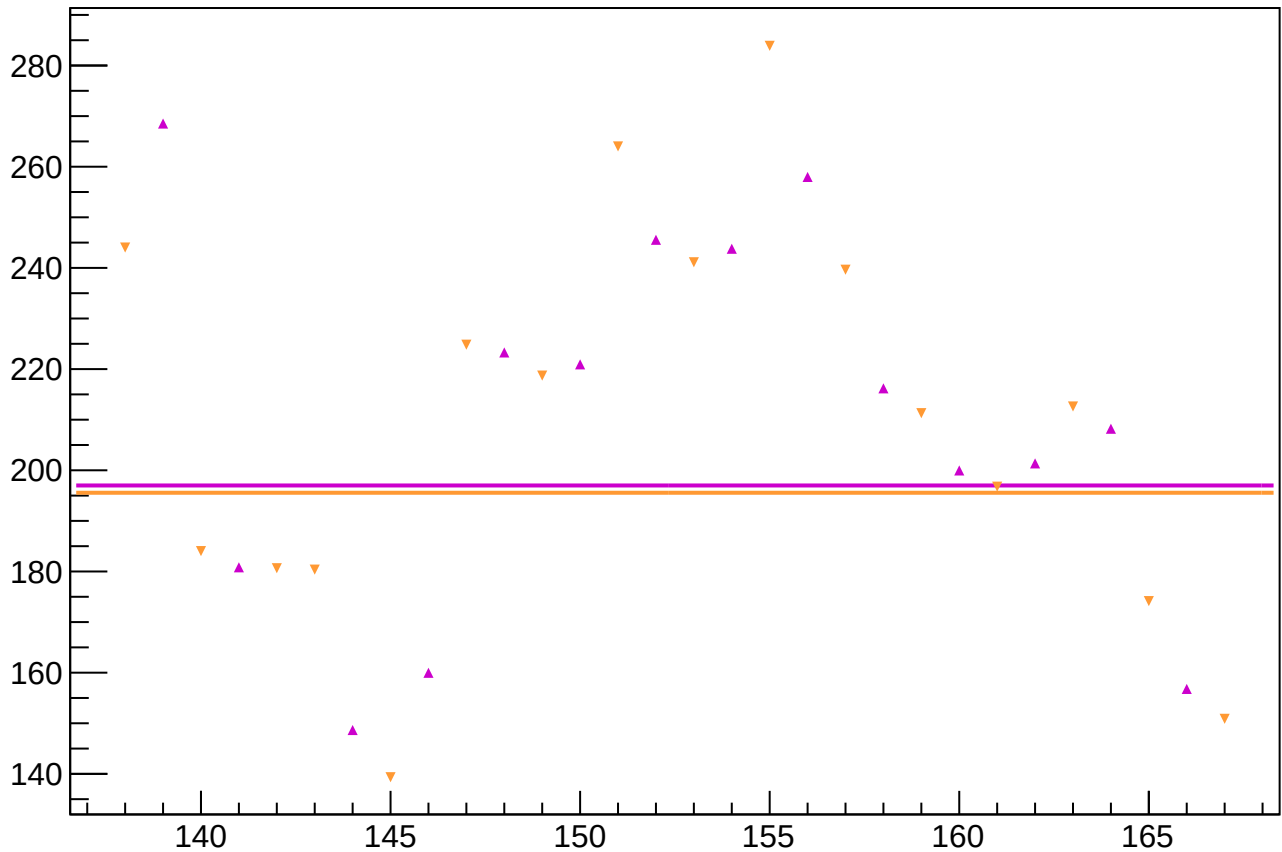
Left In: 12.398 $\pm$ 60.701 χ^2 /NDF:11.2/13

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

All: -185.829 $\pm$ 41.886 χ^2 /NDF: 63.2/29

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

asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 195.560+/-0.041 χ^2/NDF : 910958.2/15

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

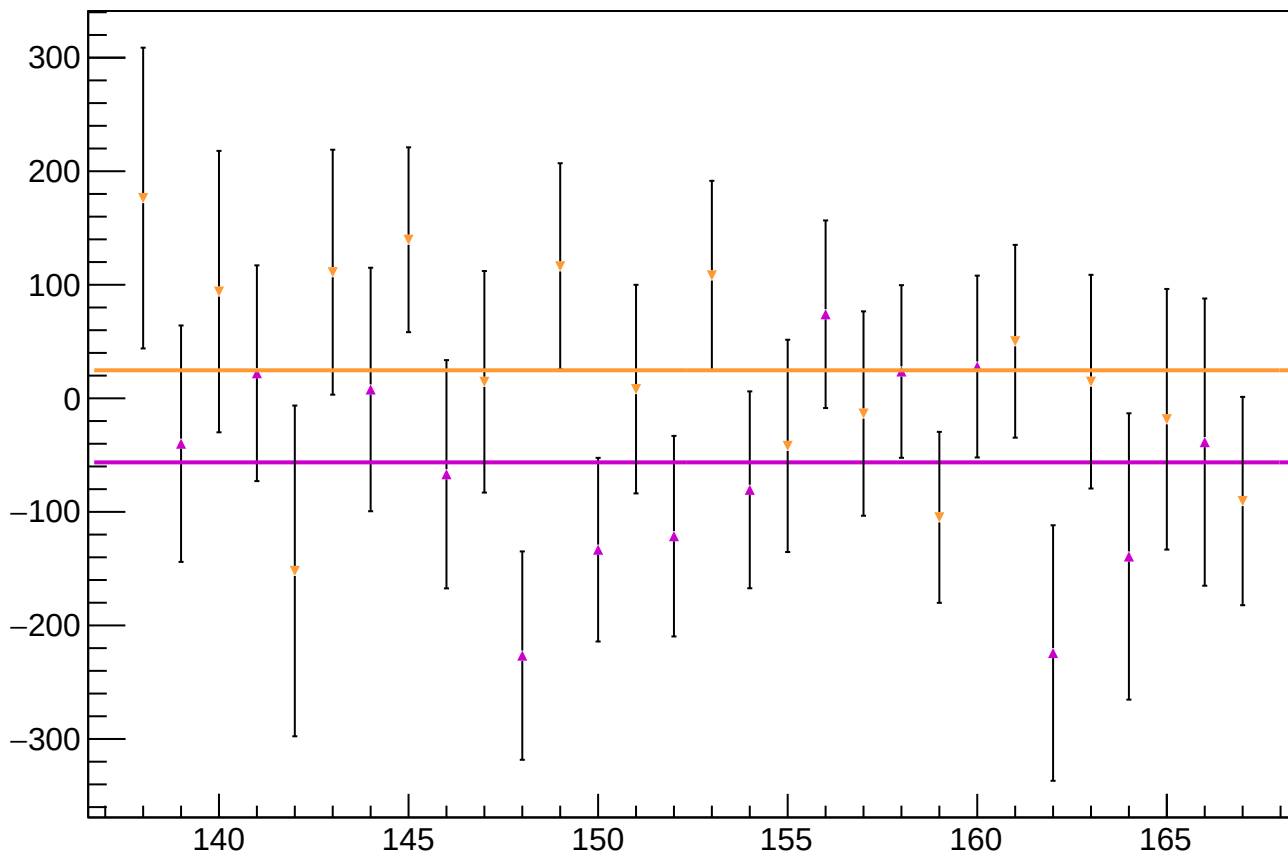
Left In: 197.000+/-0.043 χ^2/NDF : 734103.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.246+/-0.030 χ^2/NDF : 1645651.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 24.686+/-23.865 χ^2/NDF :13.3/15

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

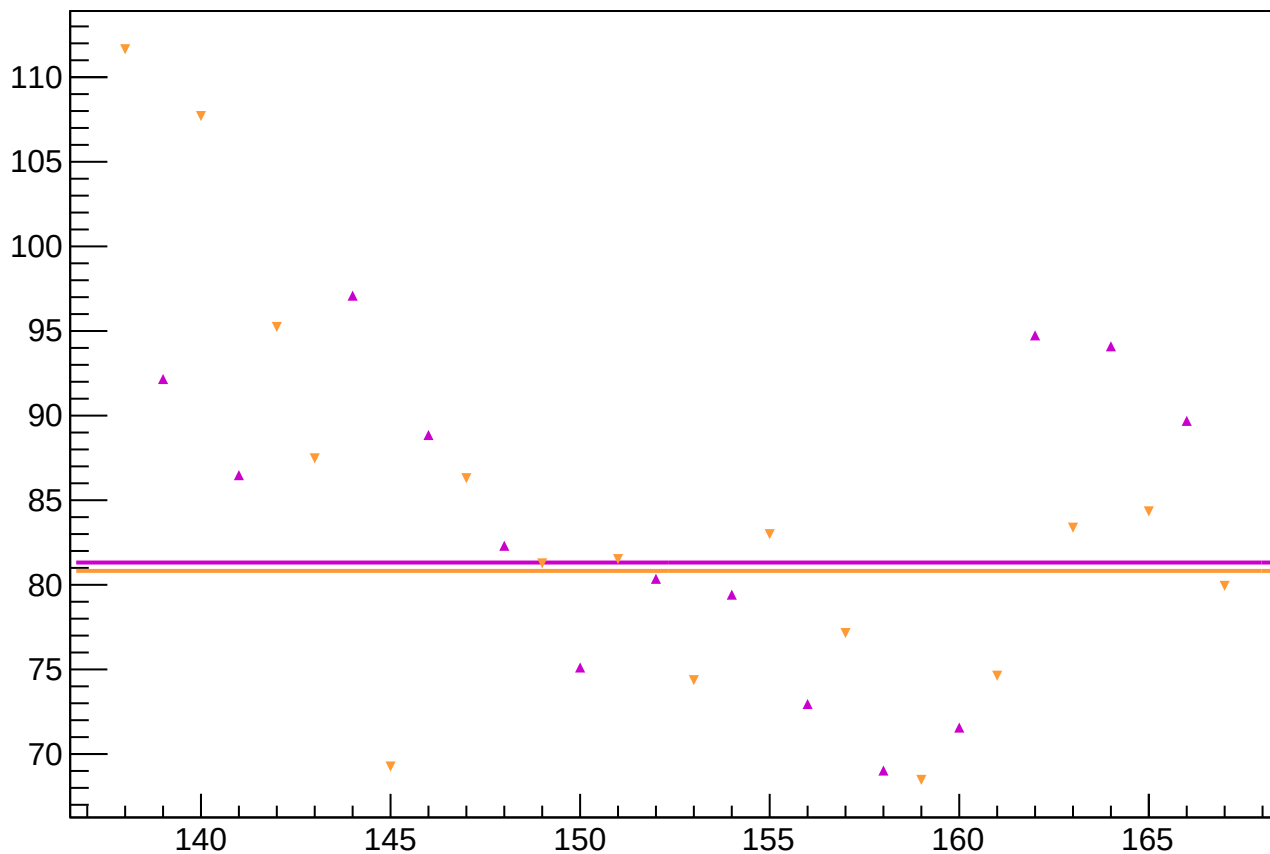
Left In: -56.391+/-24.985 χ^2/NDF :13.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.995+/-17.258 χ^2/NDF : 32.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 80.824+/-0.017 χ^2/NDF : 360879.0/15

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

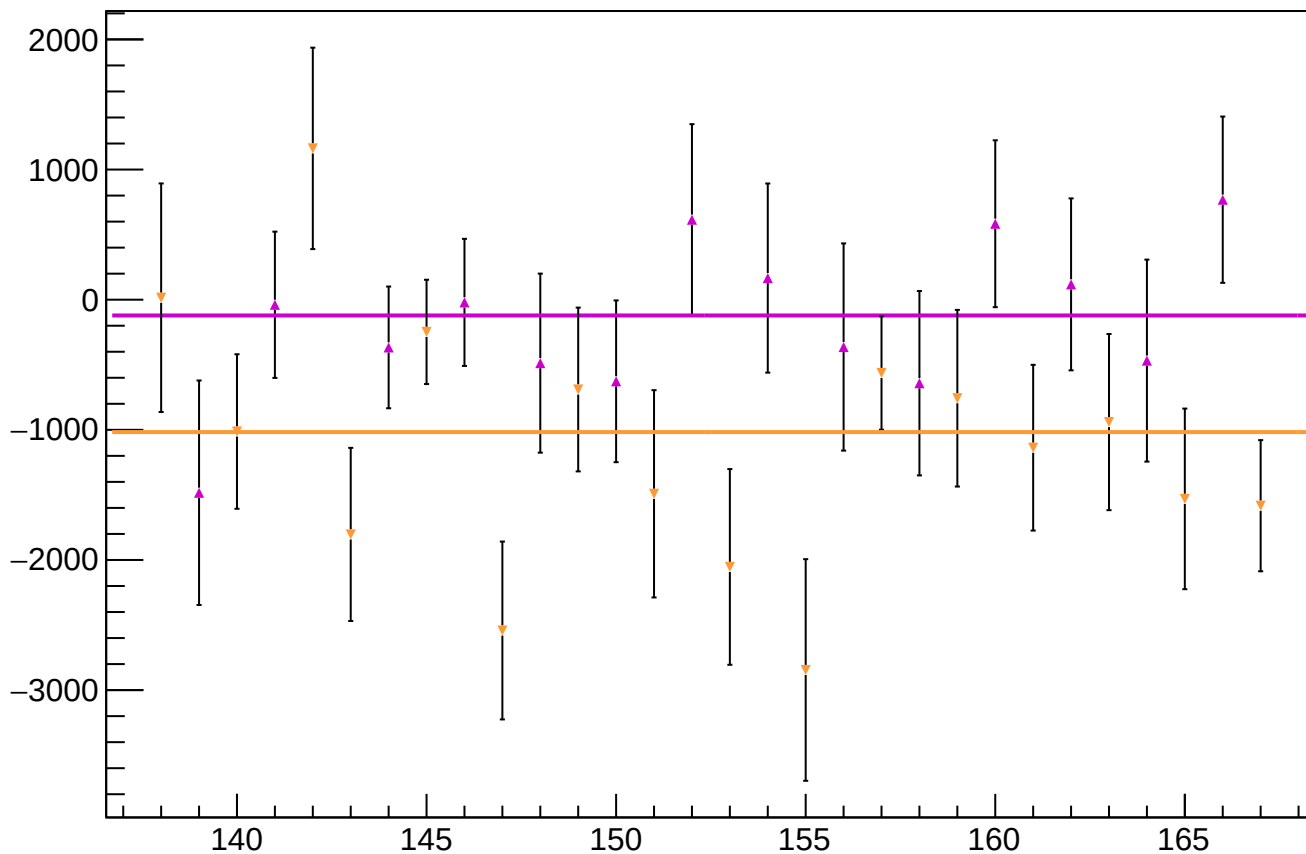
Left In: 81.317+/-0.018 χ^2/NDF : 255549.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.059+/-0.012 χ^2/NDF : 616835.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -1017.285 $\pm$ 154.718 χ^2 /NDF:29.6/15

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

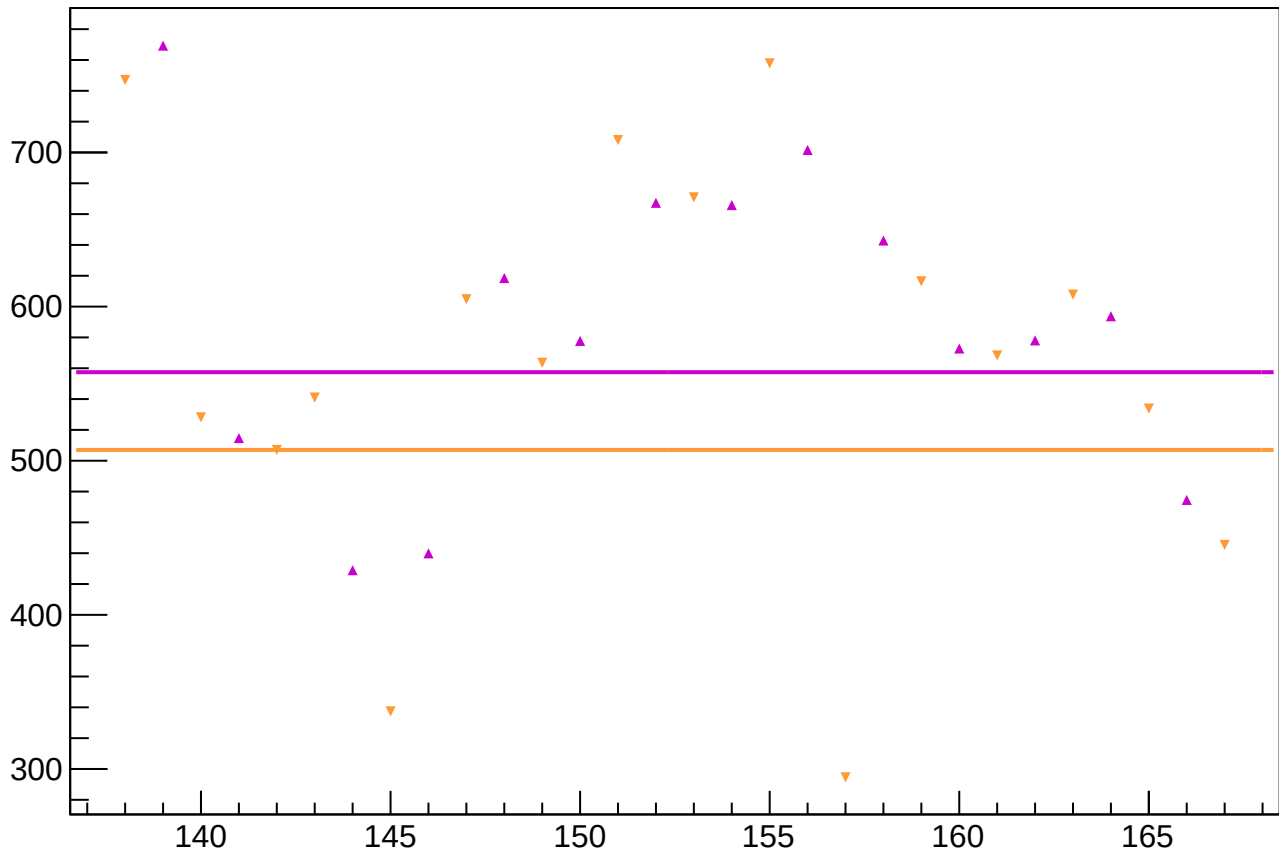
Left In: -121.176 $\pm$ 171.164 χ^2 /NDF:9.1/13

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

All: -614.338 $\pm$ 114.777 χ^2 /NDF: 53.7/29

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

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 0.000±0.000 χ^2/NDF : 0.0/0

Left Out: 507.014±0.109 χ^2/NDF :1591168.3/15

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

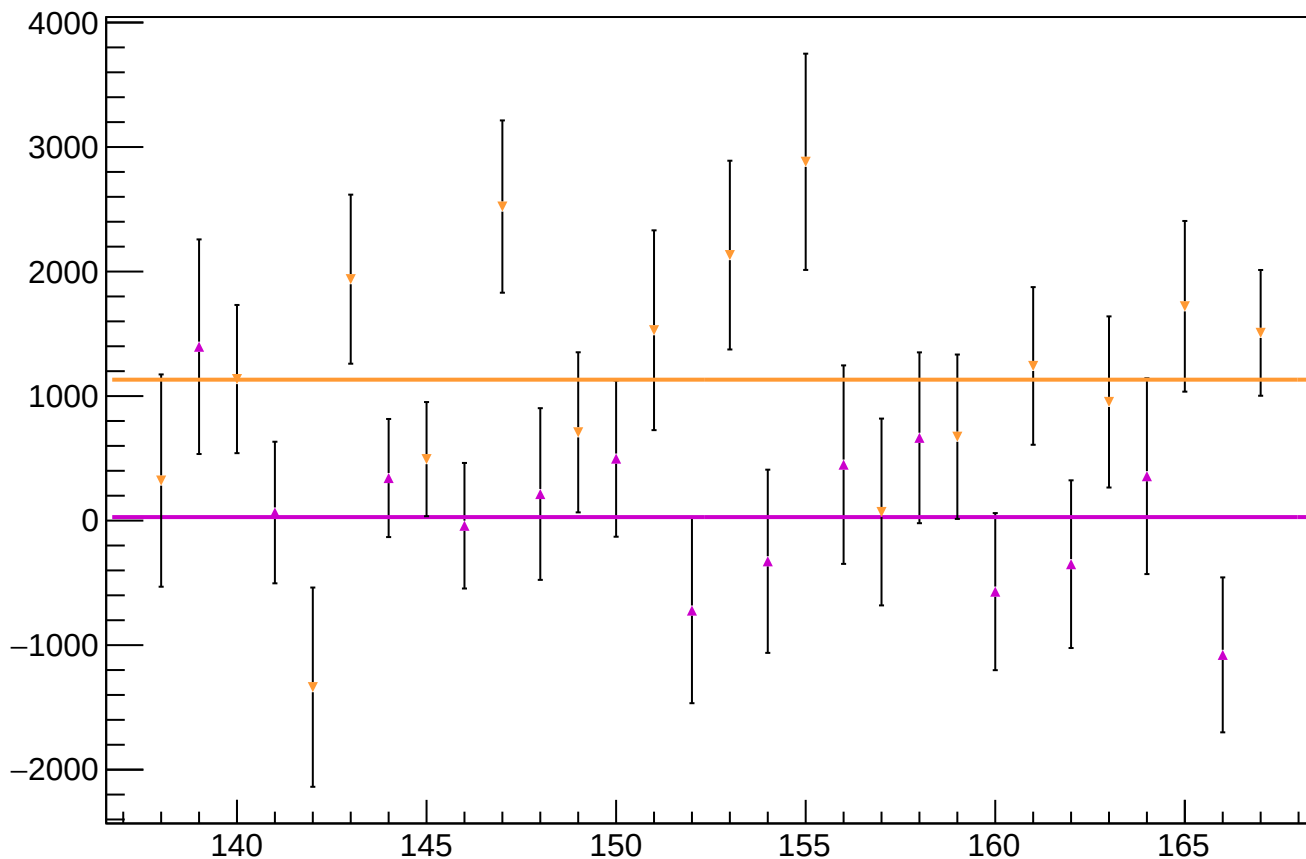
Left In: 557.439±0.121 χ^2/NDF :642151.3/13

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: 529.689±0.081 χ^2/NDF : 2328847.0/29

- sign 0.000±0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_mean vs Slug



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

Left Out: 1131.784 $\pm$ 165.389 χ^2 /NDF:28.2/15

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

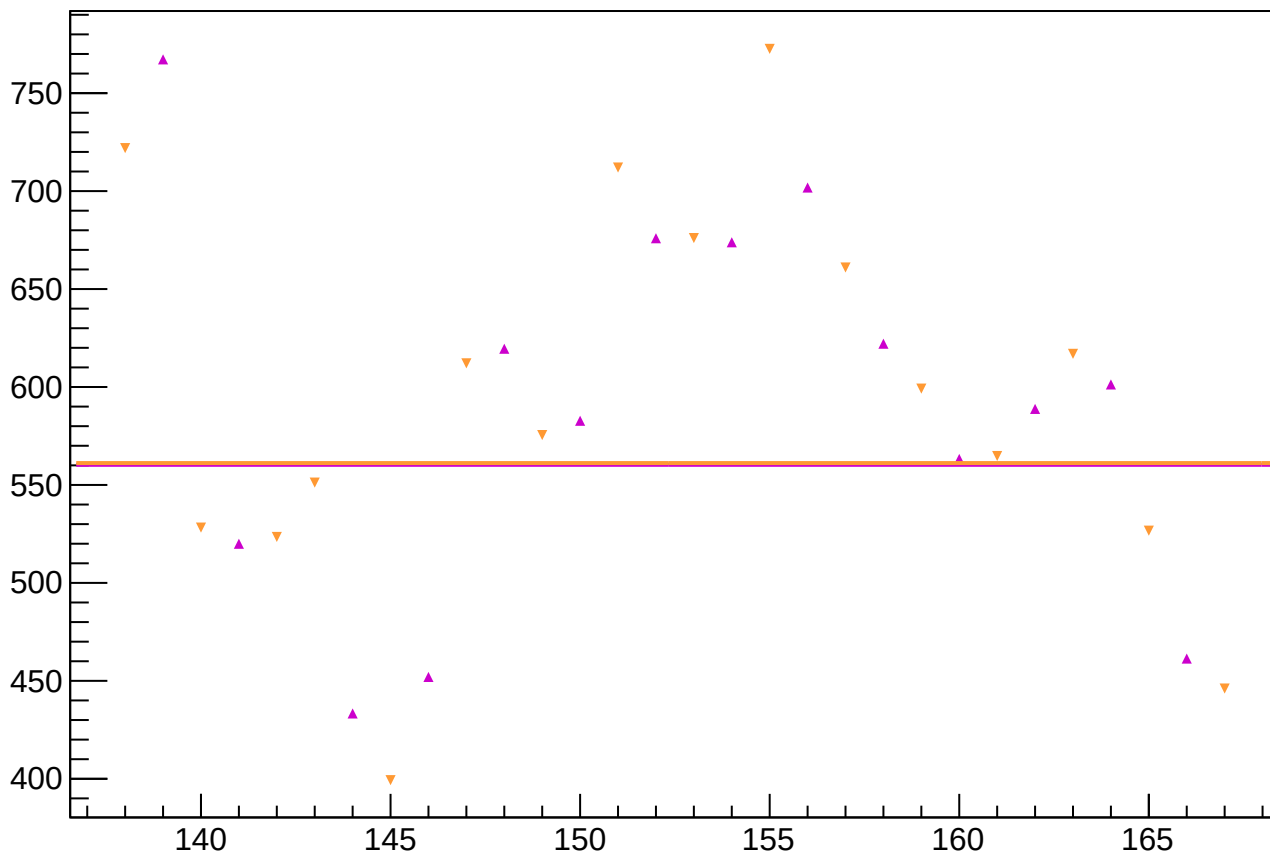
Left In: 28.279 $\pm$ 172.149 χ^2 /NDF:10.6/13

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

All: 602.121 $\pm$ 119.266 χ^2 /NDF: 60.1/29

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

asym_sam_12345678_avg_rms vs Slug



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

Left Out: 561.173+/-0.117 χ^2/NDF : 742843.0/15

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

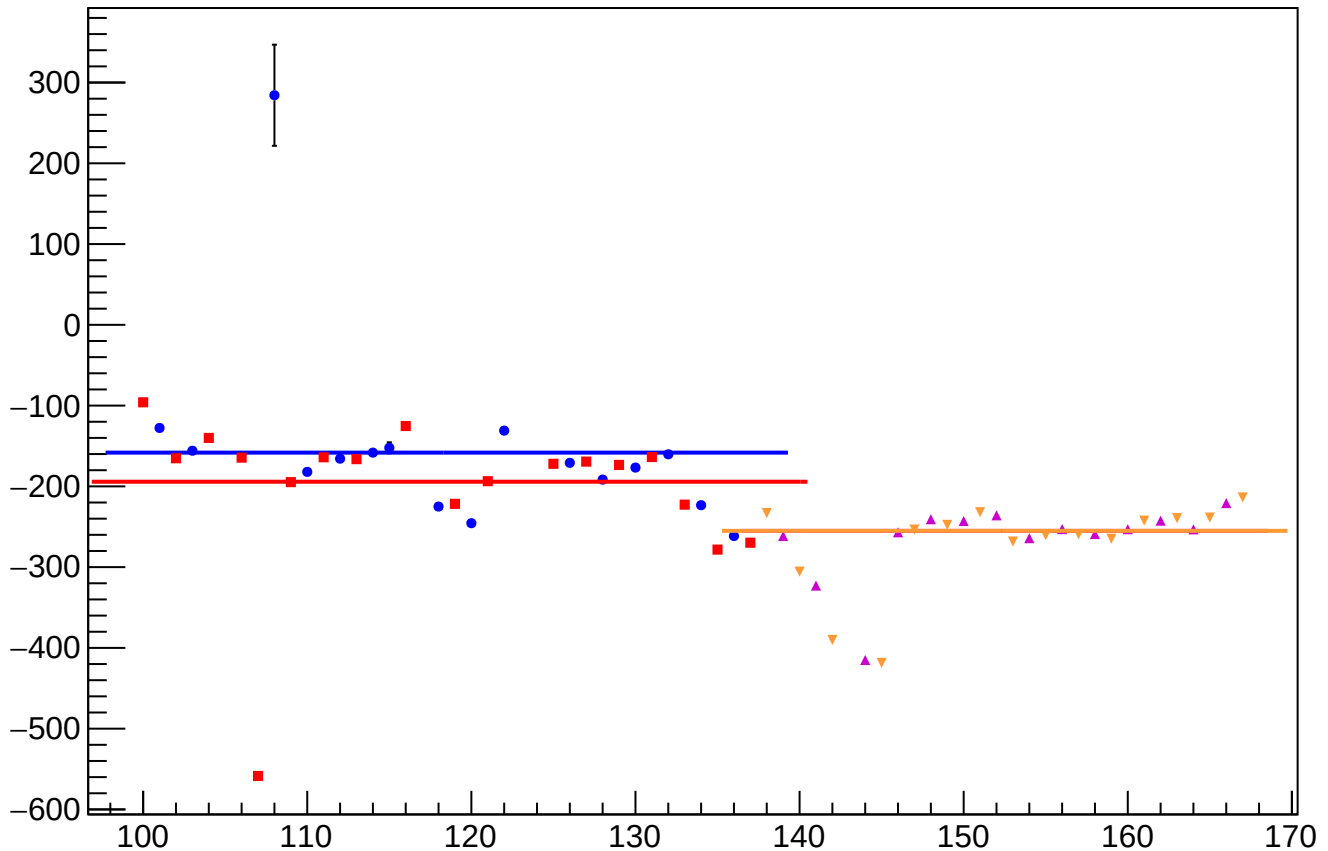
Left In: 560.278+/-0.122 χ^2/NDF : 613331.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.744+/-0.084 χ^2/NDF : 1356202.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 117166.2/15$

Left Out: -255.072 ± 0.145 $\chi^2/\text{NDF}: 38629.1/14$

Right Out: -194.268 ± 0.165 $\chi^2/\text{NDF}: 176560.4/17$

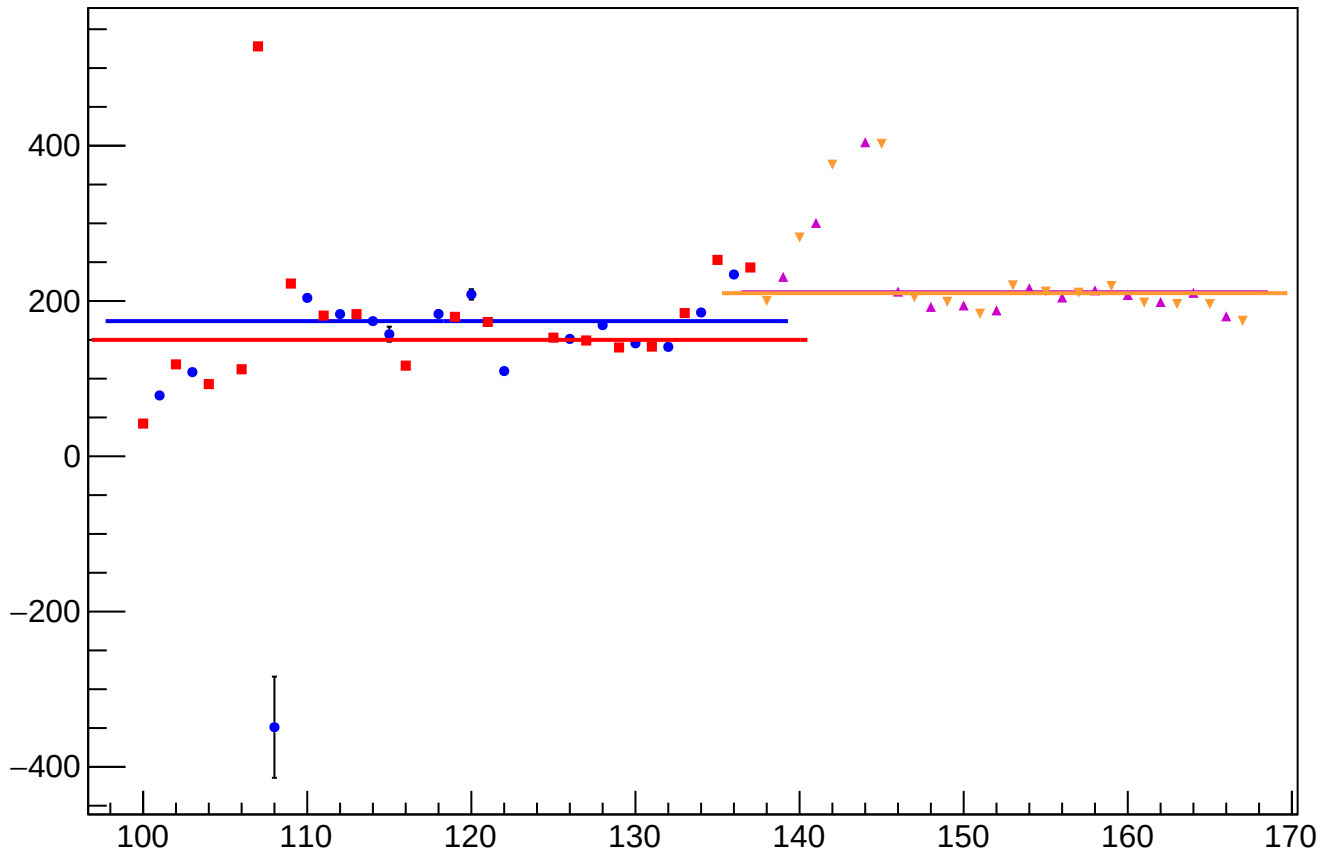
Left In: -255.146 ± 0.149 $\chi^2/\text{NDF}: 59315.5/13$

+ sign -158.222 ± 0.000 $\chi^2/\text{NDF}: 603565.9/30$

All: -158.222 ± 0.000 $\chi^2/\text{NDF}: 1309444.7/62$

- sign -227.799 ± 0.111 $\chi^2/\text{NDF}: 310725.4/31$

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 210.078 $\pm$ 0.144 χ^2 /NDF: 43152.5/14

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

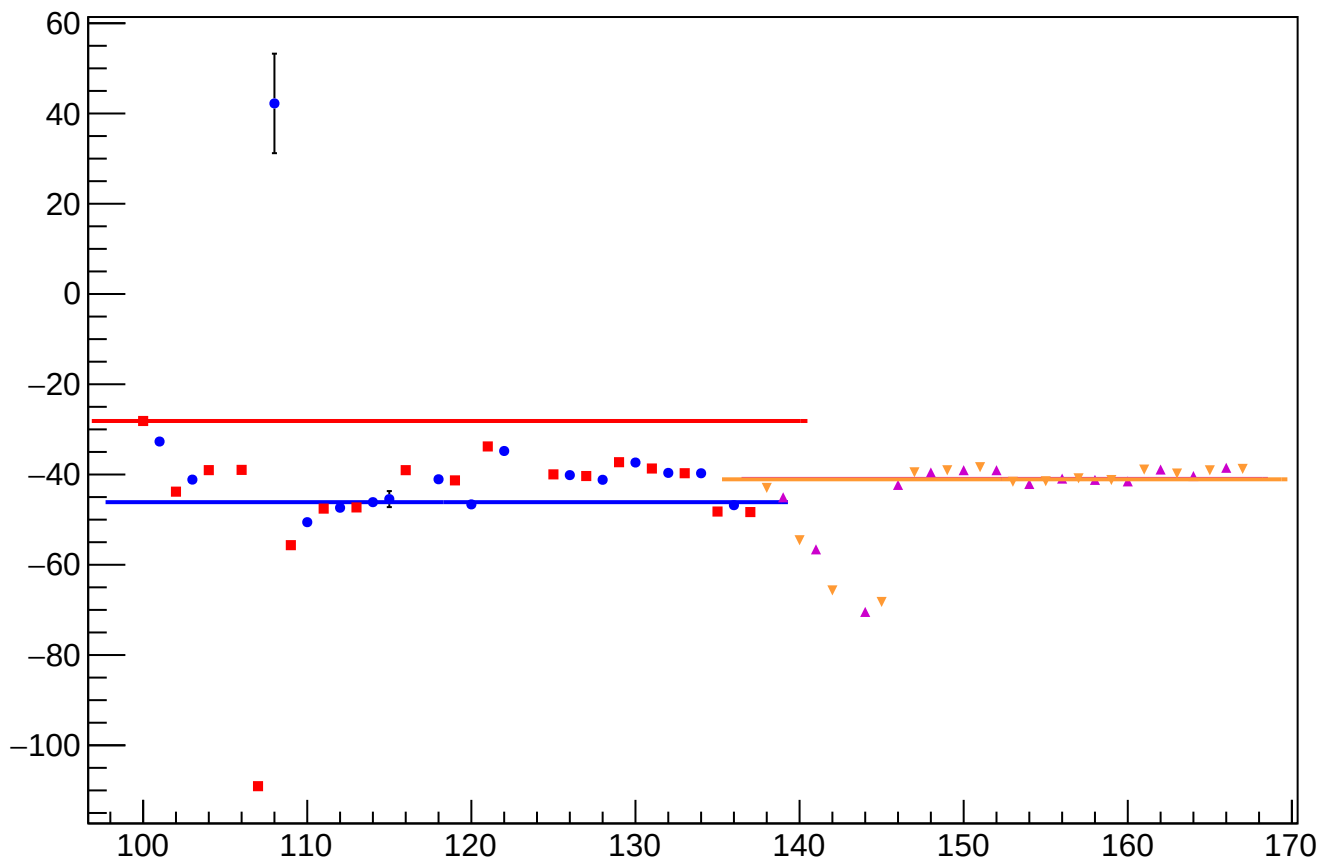
Left In: 211.300 $\pm$ 0.149 χ^2 /NDF: 75606.1/13

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 158759.0/30

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 479707.1/62

- sign 188.735 $\pm$ 0.119 χ^2 /NDF: 305687.5/31

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -41.064 ± 0.008 χ^2/NDF : 96566.0/14

Right Out: -28.139 ± 0.000 χ^2/NDF : 746939.9/17

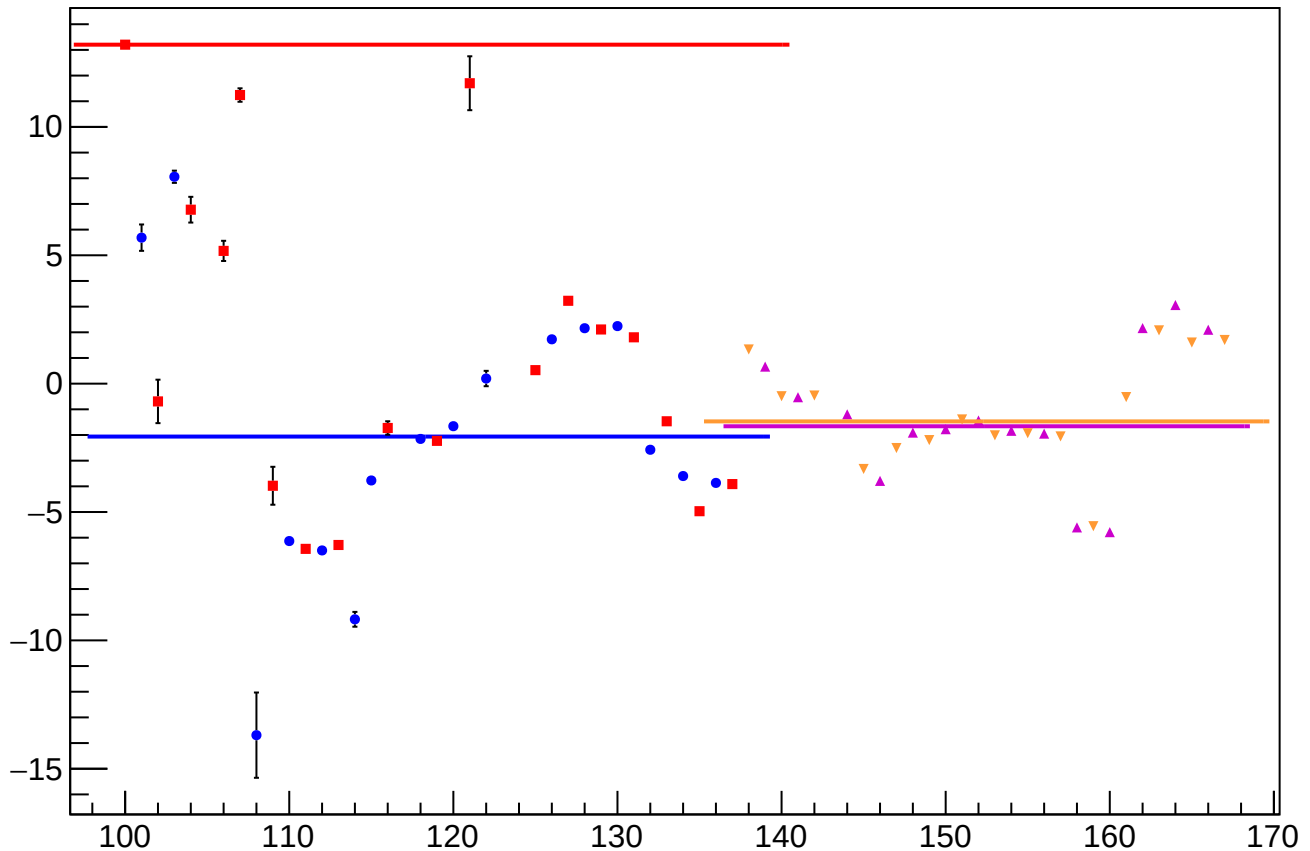
Left In: -40.974 ± 0.009 χ^2/NDF : 163000.7/13

+ sign -46.126 ± 0.000 χ^2/NDF : 713106.7/30

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

- sign -28.139 ± 0.000 χ^2/NDF : 2856797.7/31

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -1.470 ± 0.008 χ^2/NDF : 76061.6/14

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

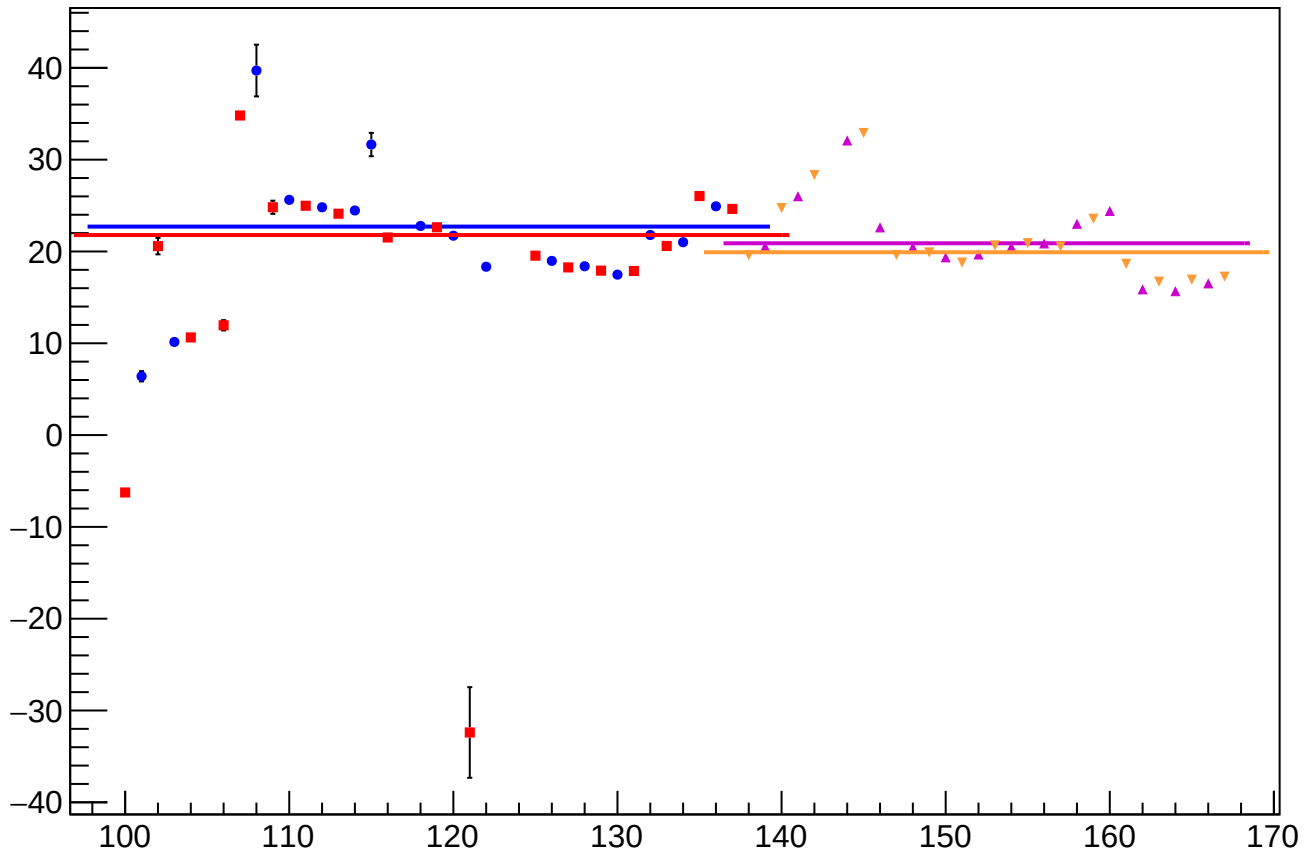
Left In: -1.660 ± 0.007 χ^2/NDF : 101759.9/13

+ sign -1.578 ± 0.008 χ^2/NDF : 102625.3/30

All: 13.204 ± 0.000 χ^2/NDF : 9014421.9/62

- sign 13.204 ± 0.000 χ^2/NDF : 5136201.6/31

dit_usl_4eY_slope vs Slug



Right In: 22.711 ± 0.019 χ^2/NDF : 22767.9/15

Left Out: 19.918 ± 0.010 χ^2/NDF : 52861.6/14

Right Out: 21.790 ± 0.022 χ^2/NDF : 26670.9/17

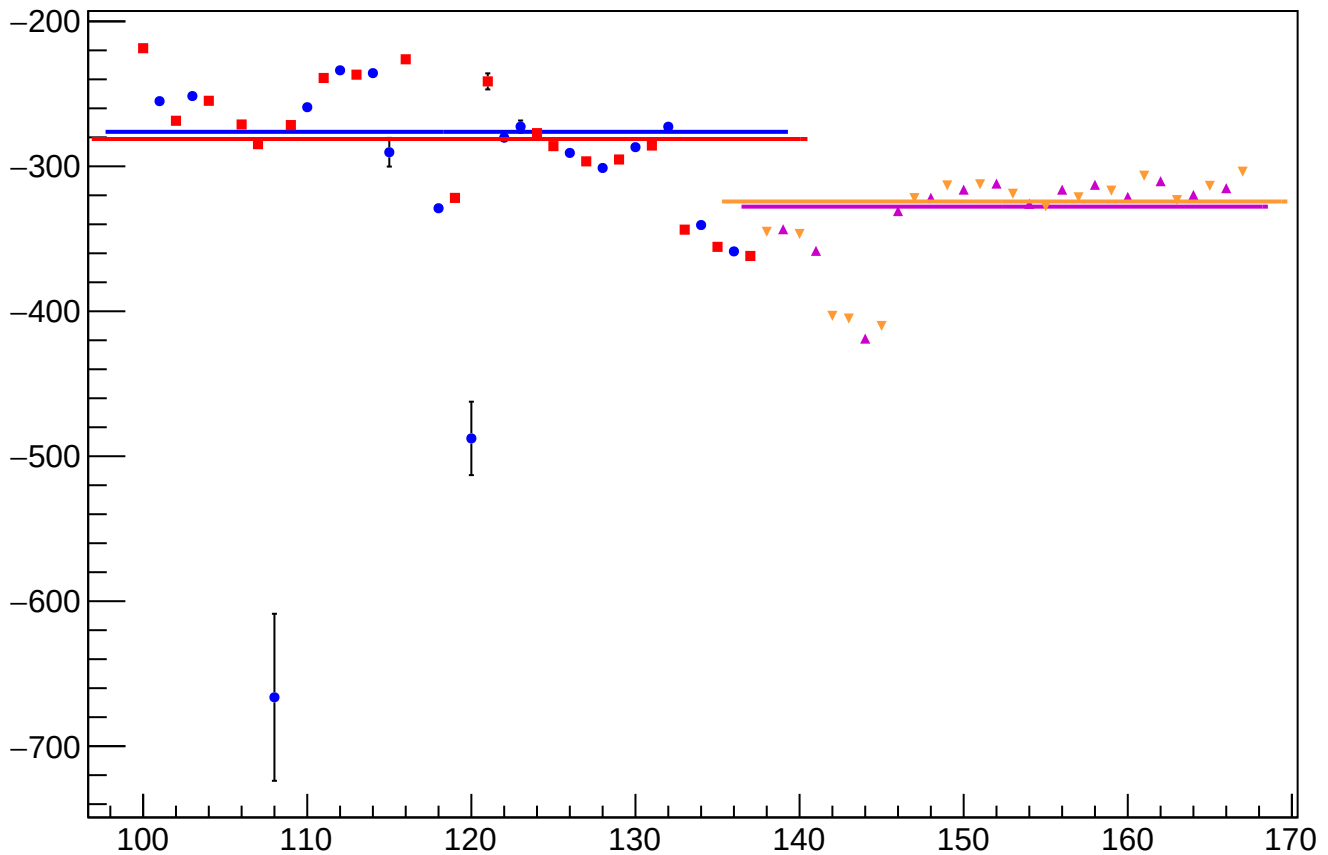
Left In: 20.892 ± 0.009 χ^2/NDF : 85045.9/13

+ sign 20.526 ± 0.009 χ^2/NDF : 92974.5/30

All: 20.793 ± 0.006 χ^2/NDF : 207905.9/62

- sign 21.016 ± 0.008 χ^2/NDF : 113218.4/31

dit_usr_4aX_slope vs Slug



Right In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Left Out: -324.265 ± 0.127 χ^2/NDF : 34782.2/15

Right Out: -281.150 ± 0.148 χ^2/NDF : 77611.5/18

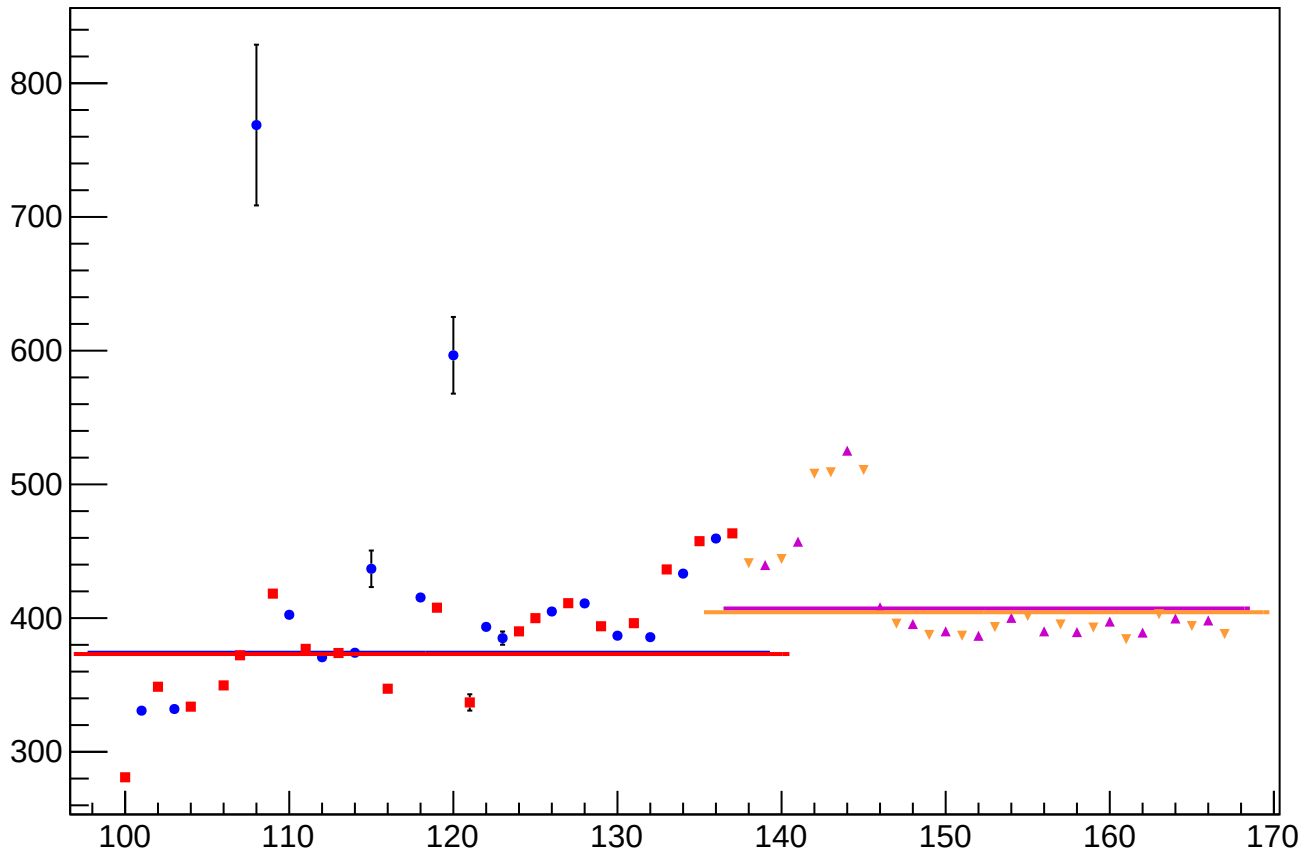
Left In: -327.819 ± 0.118 χ^2/NDF : 38004.0/13

+ sign -306.622 ± 0.101 χ^2/NDF : 145589.4/32

All: -308.220 ± 0.068 χ^2/NDF : 322557.2/65

- sign -309.557 ± 0.092 χ^2/NDF : 176507.0/32

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 404.387 $\pm$ 0.128 χ^2 /NDF: 54957.2/15

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

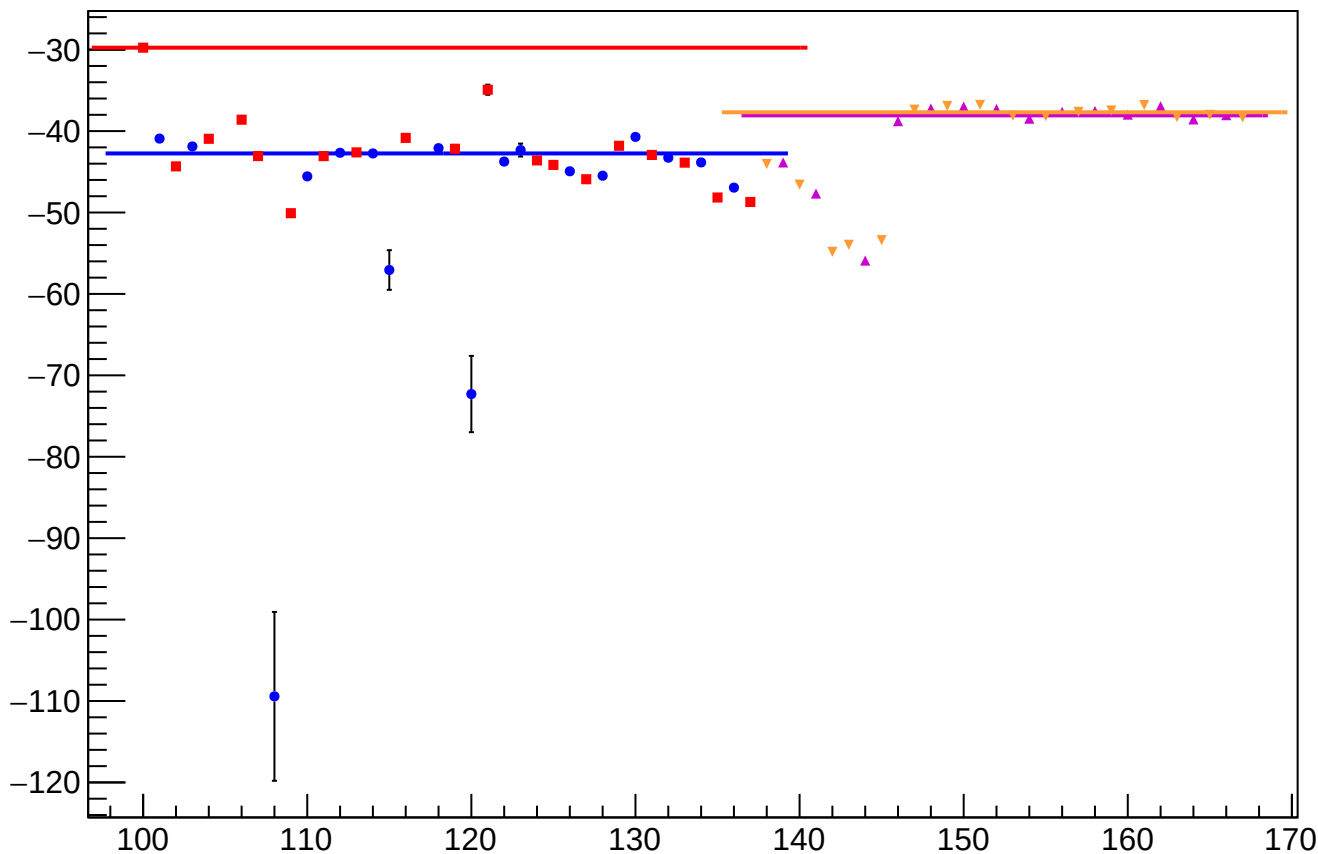
Left In: 407.199 $\pm$ 0.119 χ^2 /NDF: 62819.1/13

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 145965.6/32

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 394232.0/65

- sign 394.844 $\pm$ 0.095 χ^2 /NDF: 200682.4/32

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -37.689 $\pm$ 0.005 χ^2 /NDF: 257205.1/15

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

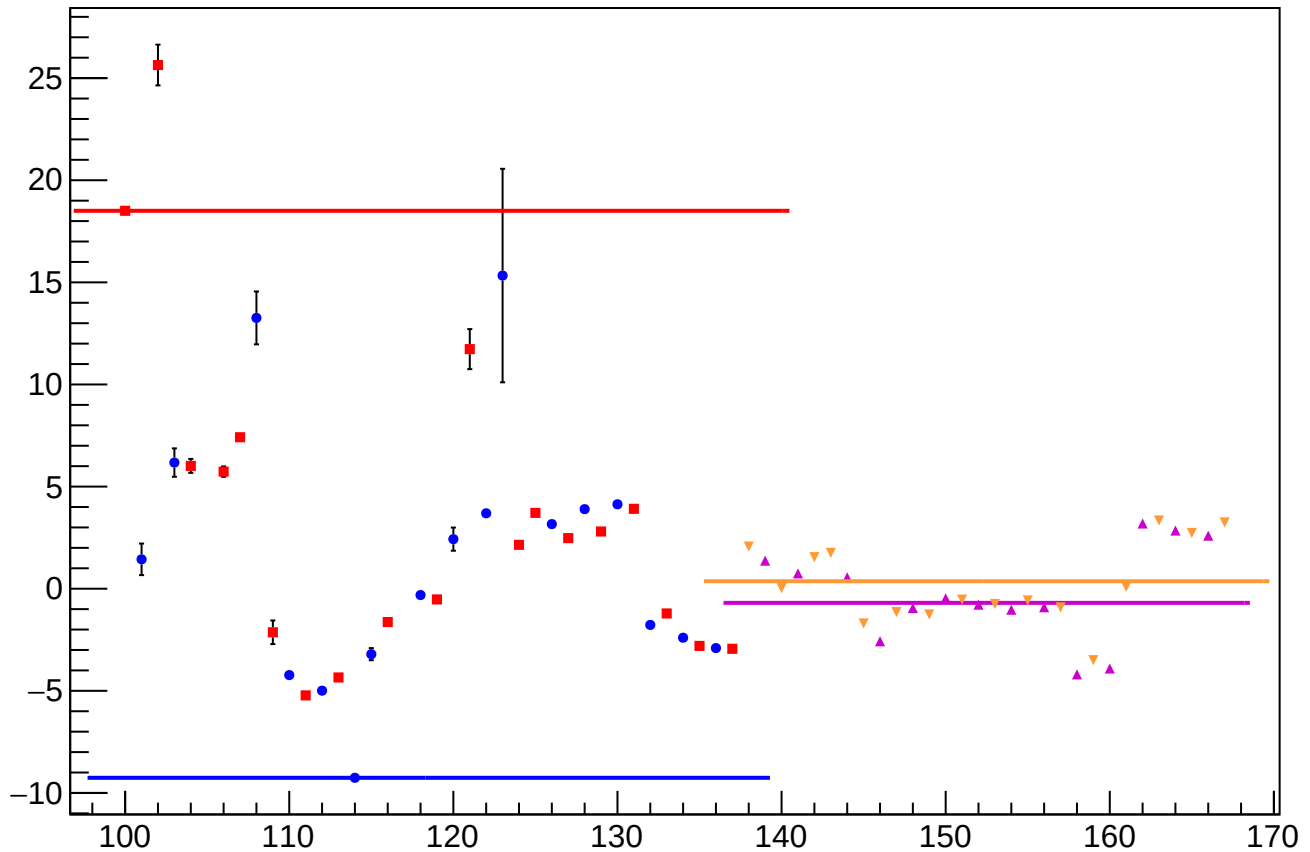
Left In: -38.068 $\pm$ 0.005 χ^2 /NDF: 148616.6/13

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 1521578.1/32

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

- sign -29.754 $\pm$ 0.000 χ^2 /NDF: 3582781.5/32

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: 0.366 ± 0.007 χ^2/NDF : 111127.0/15

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

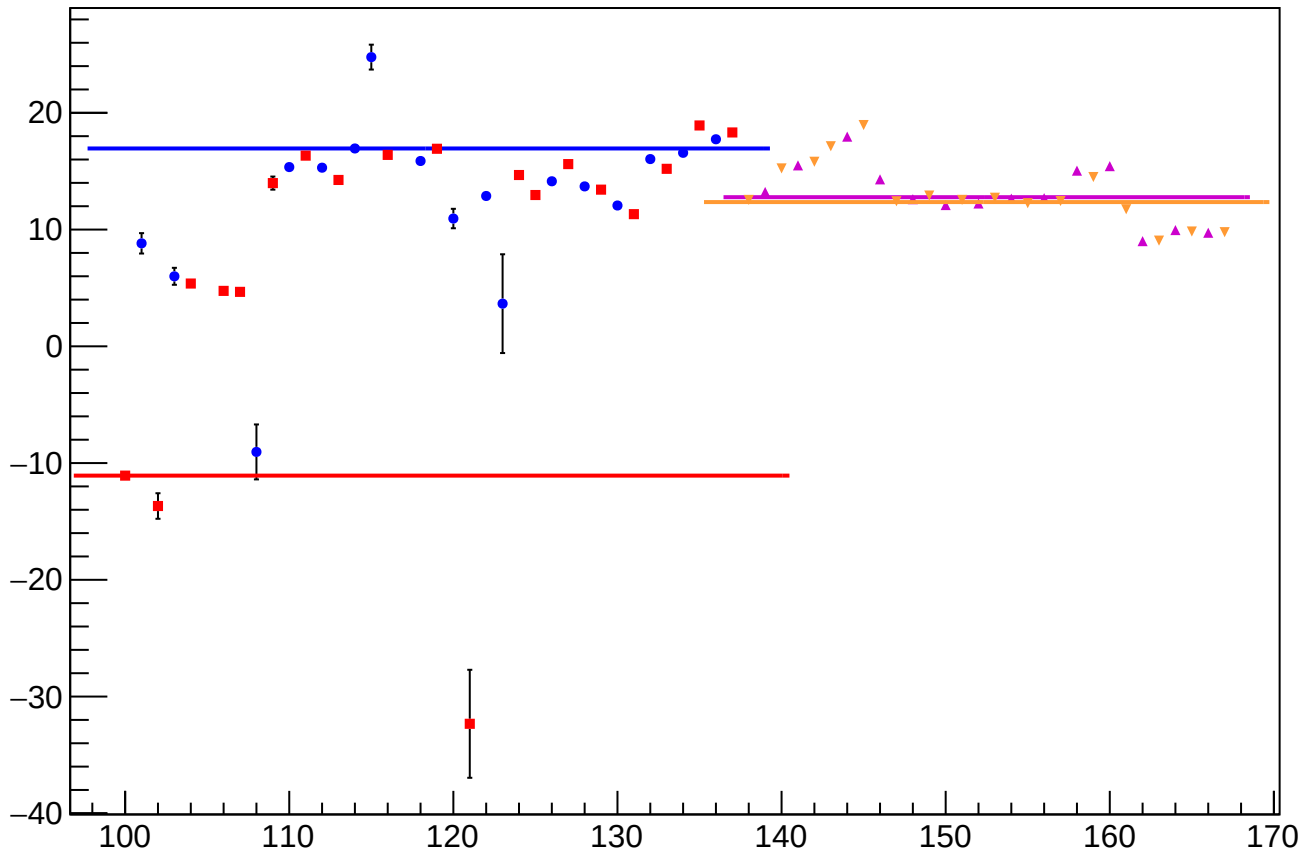
Left In: -0.693 ± 0.007 χ^2/NDF : 82363.8/13

+ sign -9.259 ± 0.000 χ^2/NDF : 2537238.5/32

All: 6.039 ± 0.000 χ^2/NDF : 1645057450595

- sign 18.504 ± 0.000 χ^2/NDF : 14640401.9/32

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 12.355 $\pm$ 0.009 χ^2 /NDF:45318.9/15

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

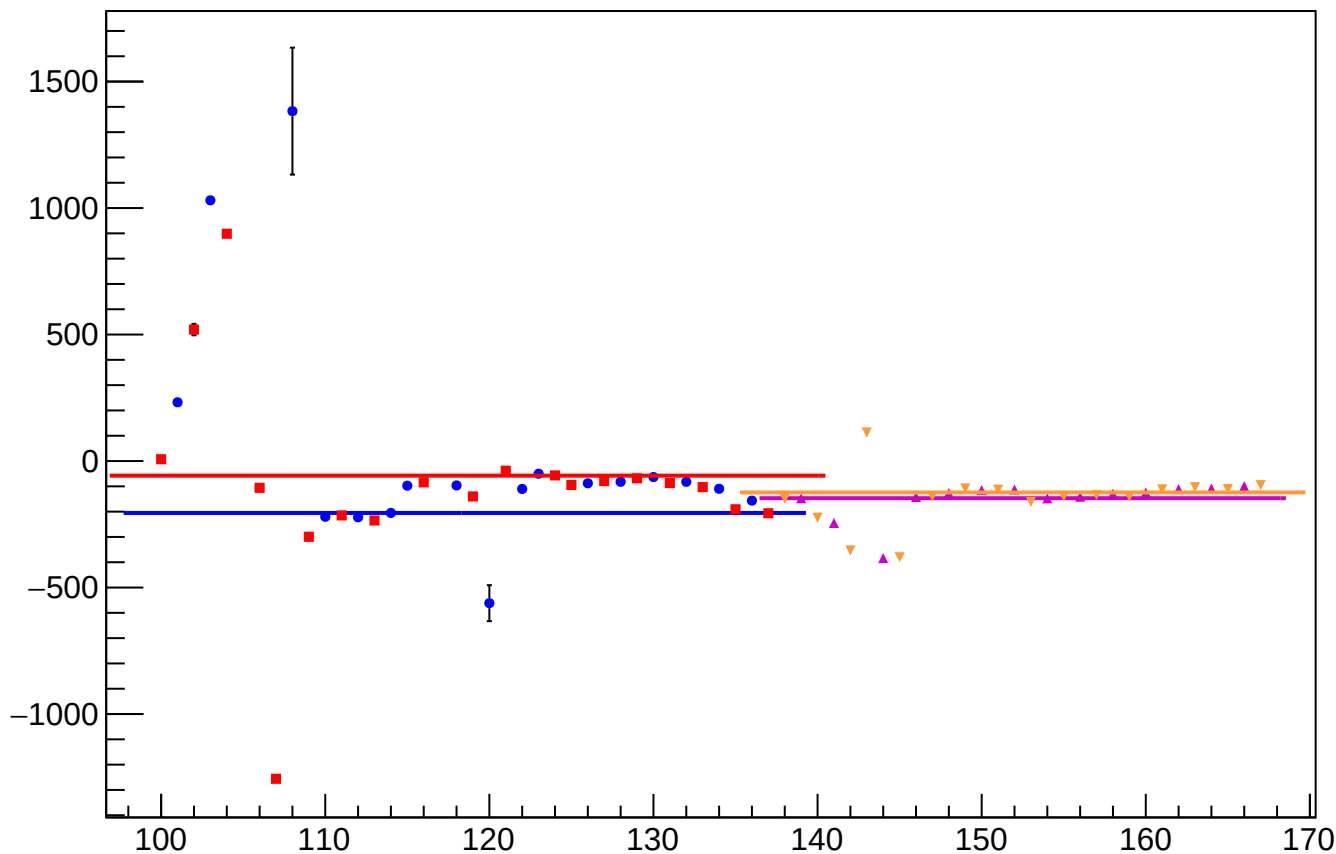
Left In: 12.774 $\pm$ 0.010 χ^2 /NDF:35240.7/13

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 332693.9/32

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

- sign -11.075 $\pm$ 0.000 χ^2 /NDF: 8386517.5/32

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 χ^2/NDF : 582775.6/16

Left Out: -124.152 ± 0.232 χ^2/NDF : 48881.2/15

Right Out: -57.684 ± 0.283 χ^2/NDF : 114854.9/18

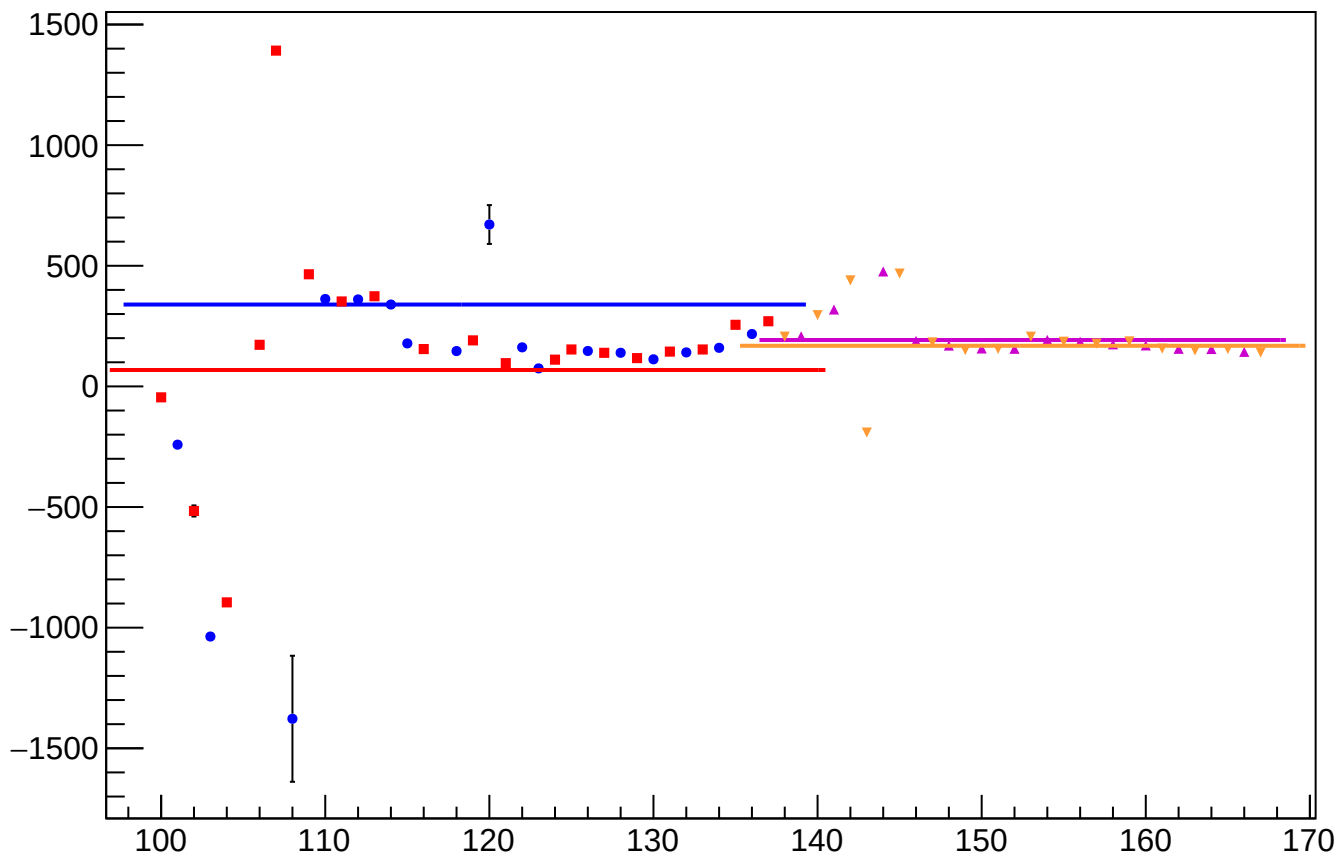
Left In: -146.880 ± 0.306 χ^2/NDF : 43678.6/13

+ sign -205.160 ± 0.000 χ^2/NDF : 753248.7/32

All: -205.160 ± 0.000 χ^2/NDF : 1219055.2/65

- sign -98.925 ± 0.208 χ^2/NDF : 204350.2/32

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 168.440+/-0.237 χ^2/NDF : 83617.3/15

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

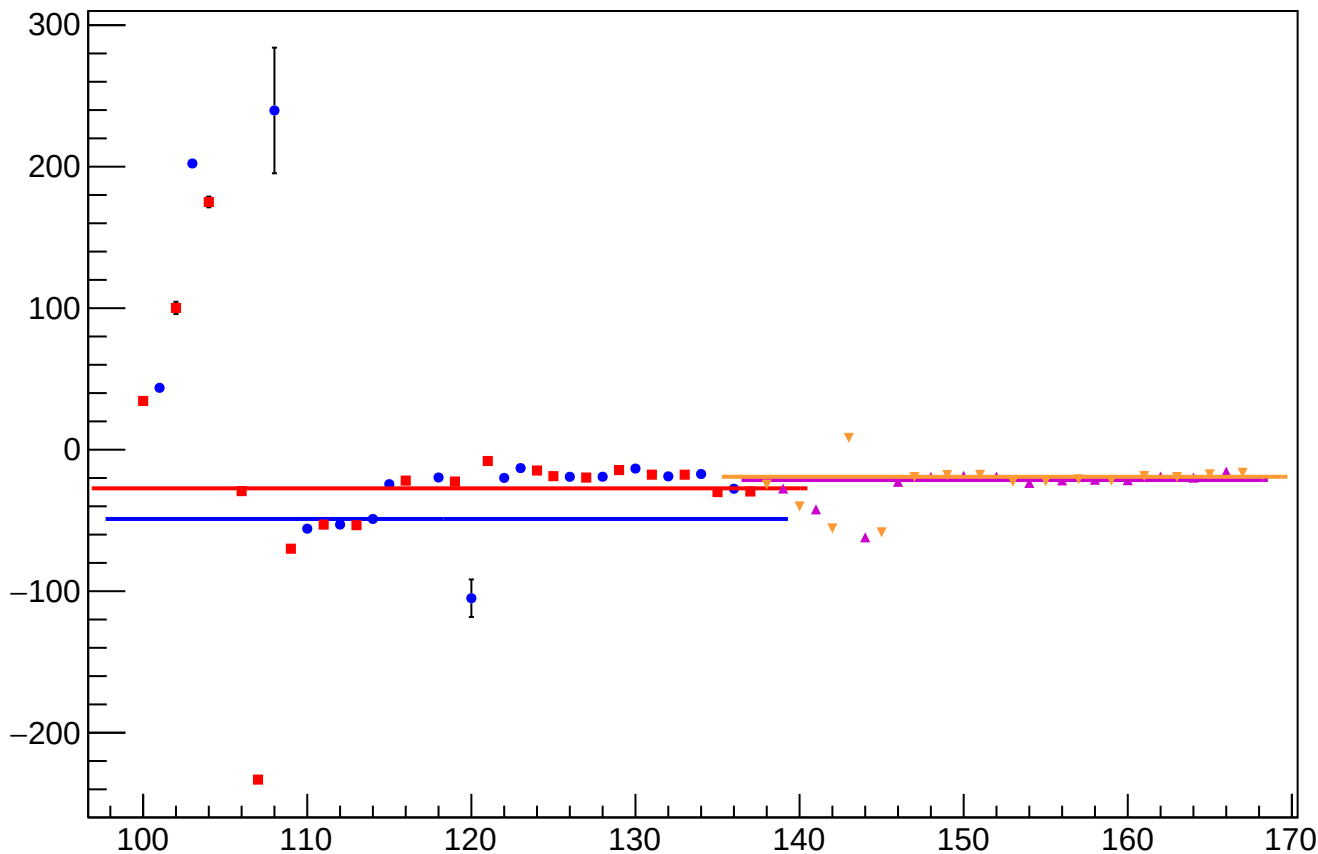
Left In: 192.325+/-0.310 χ^2/NDF : 50183.7/13

+ sign 339.325+/-0.000 χ^2/NDF : 1635626.5/32

All: 339.325+/-0.000 χ^2/NDF : 3082947.3/65

- sign 125.276+/-0.210 χ^2/NDF : 409470.2/32

dit_atl1_11X12X_slope vs Slug



Right In: -48.945±/0.000 χ^2/NDF : 5408370.4/16

Left Out: -19.135±/0.013 χ^2/NDF : 567411.9/15

Right Out: -27.303±/0.052 χ^2/NDF : 167879.9/18

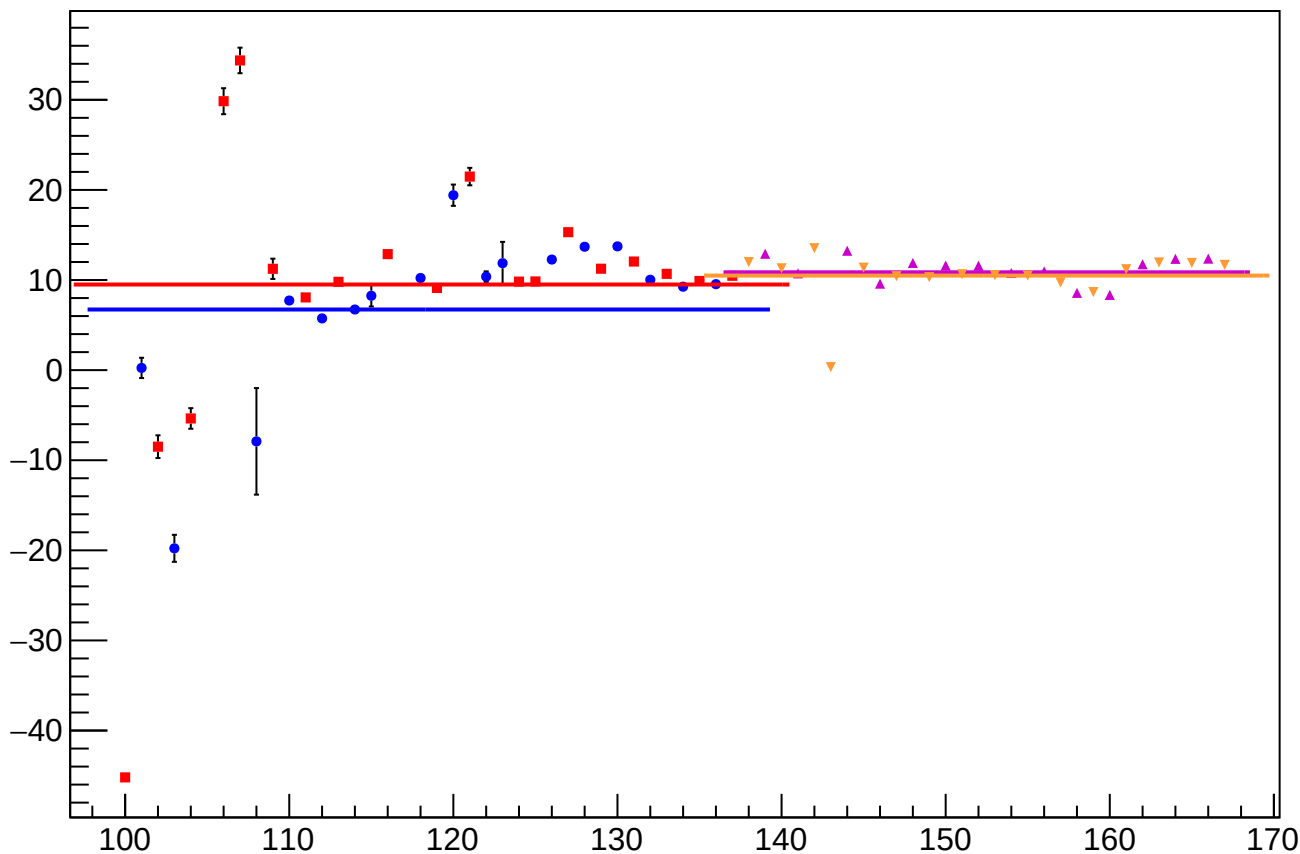
Left In: -21.430±/0.017 χ^2/NDF : 129932.8/13

+ sign -48.945±/0.000 χ^2/NDF : 11572061.6/32

All: -48.945±/0.000 χ^2/NDF : 14740228.1/65

- sign -21.989±/0.016 χ^2/NDF : 309492.3/32

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 10.494 $\pm$ 0.016 χ^2 /NDF: 24604.6/15

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

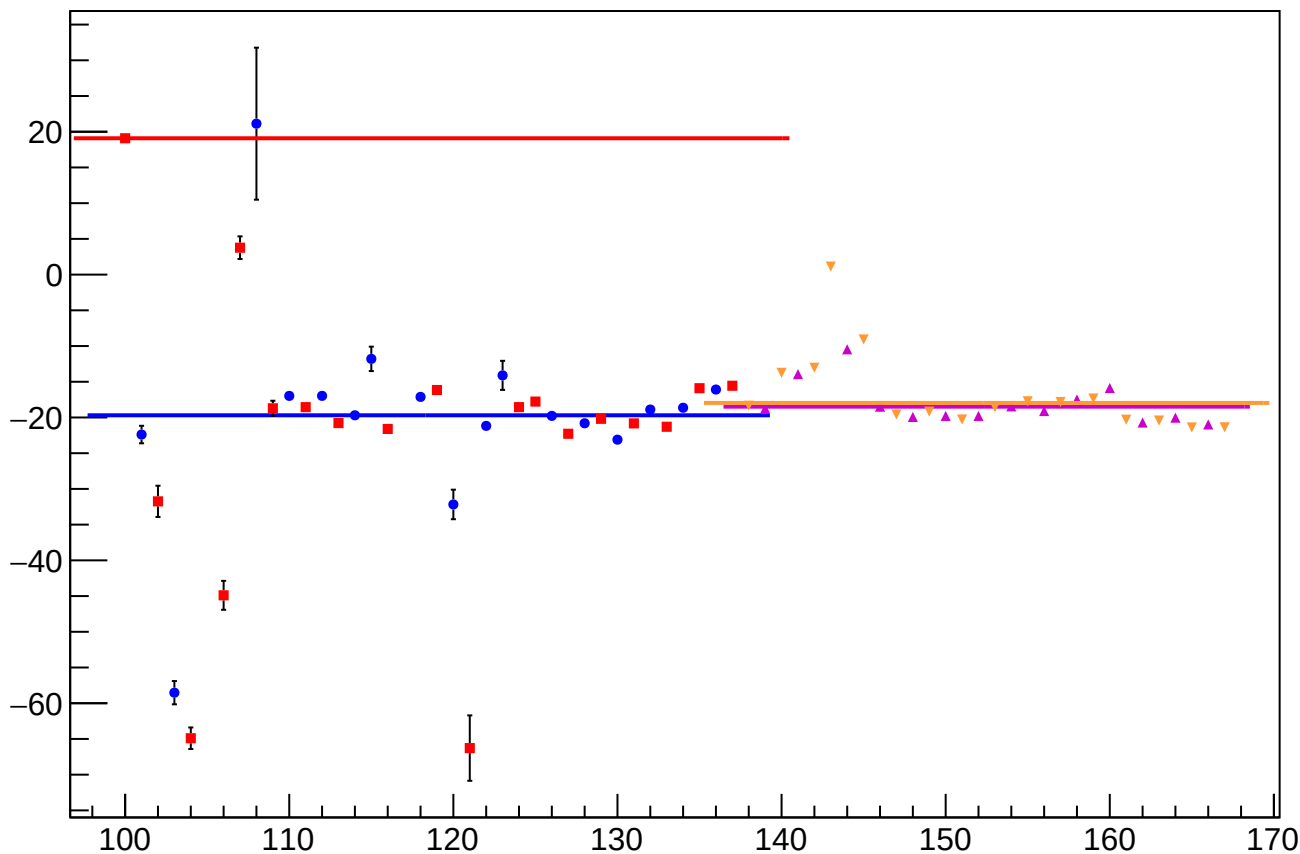
Left In: 10.858 $\pm$ 0.014 χ^2 /NDF: 9017.0/13

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 93773.9/32

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 216816.7/65

- sign 10.666 $\pm$ 0.013 χ^2 /NDF: 37083.3/32

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -17.963 ± 0.020 χ^2/NDF : 42948.1/15

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

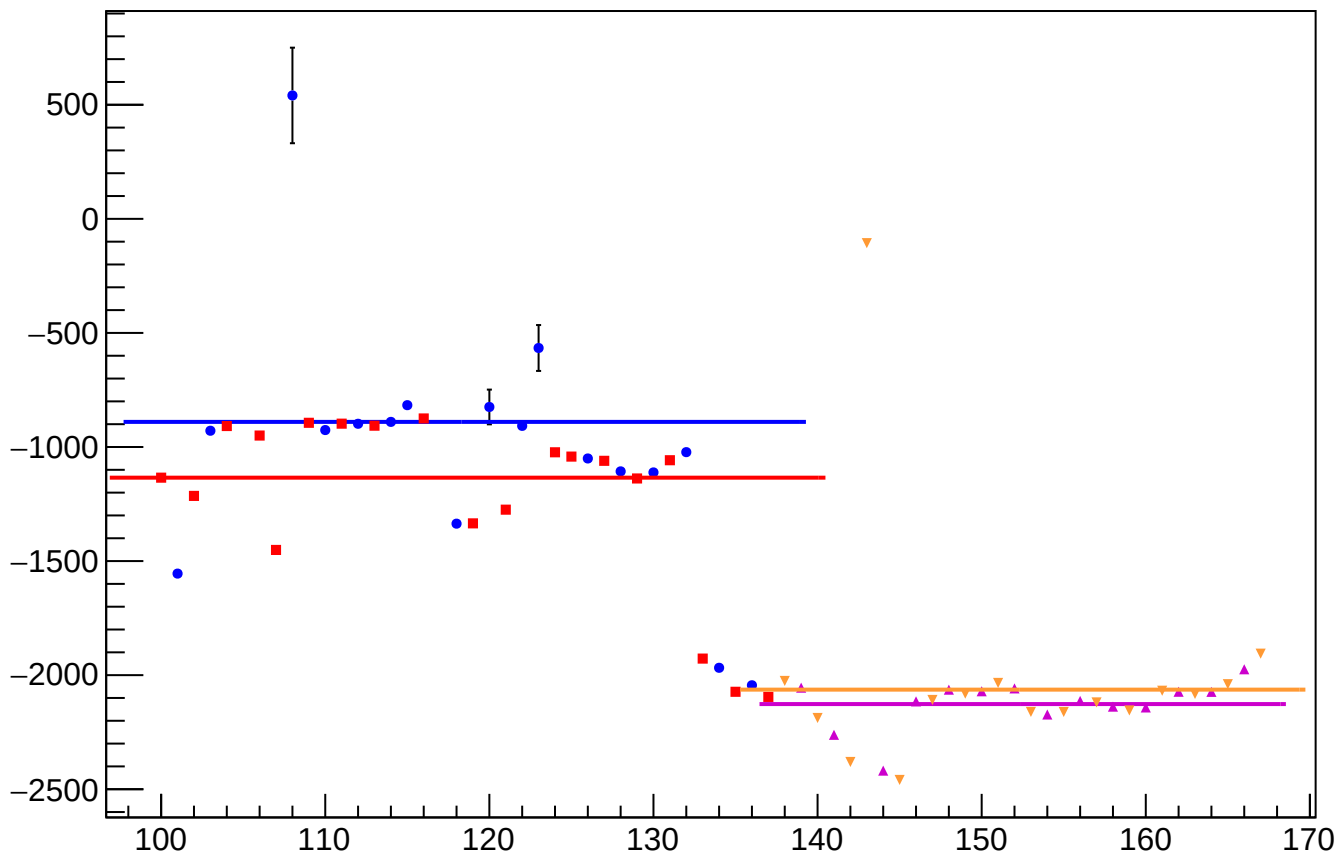
Left In: -18.485 ± 0.020 χ^2/NDF : 8066.2/13

+ sign -19.693 ± 0.000 χ^2/NDF : 58396.3/32

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 4188550.8/32

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2063.504+/-0.439 χ^2/NDF : 291797.7/15

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

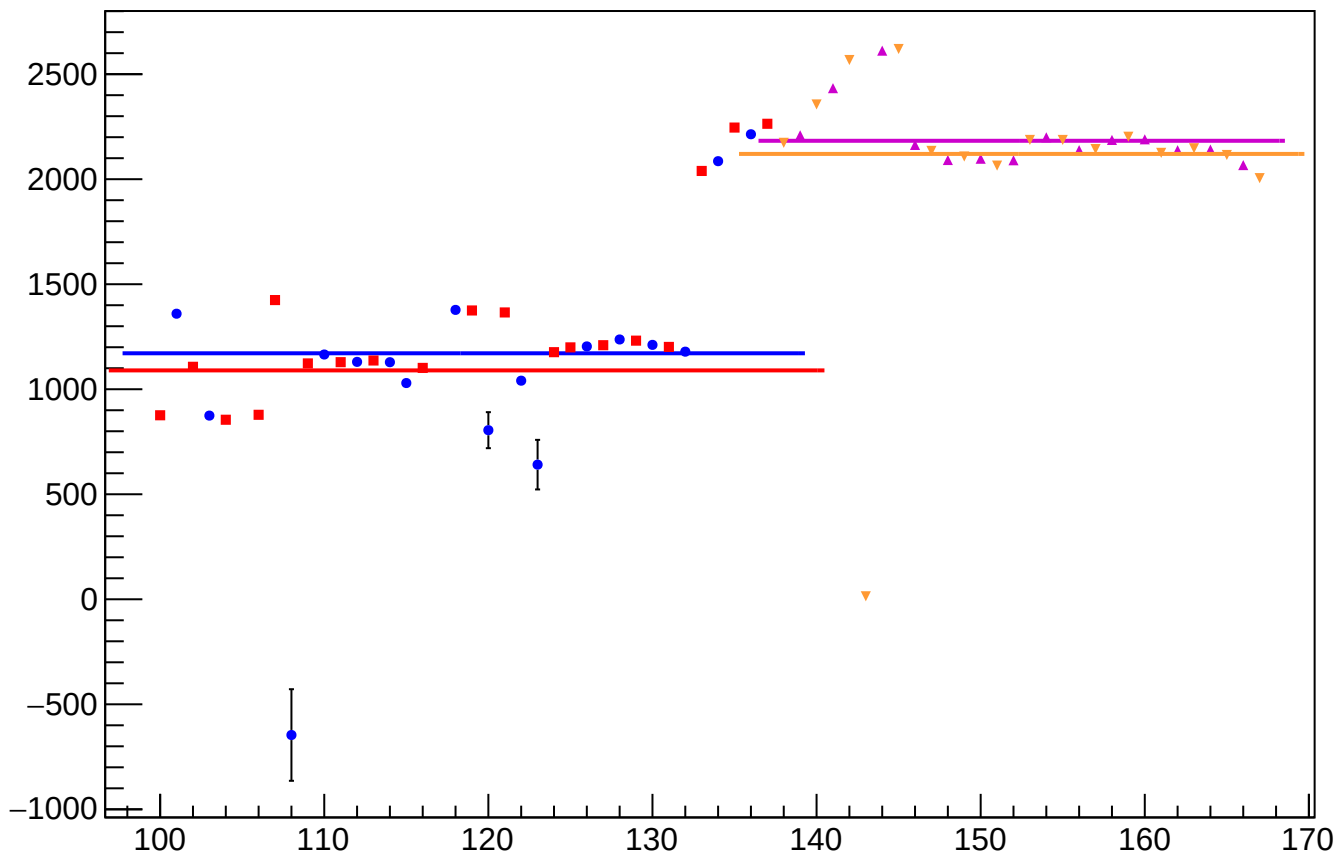
Left In: -2126.769+/-0.479 χ^2/NDF : 36481.9/13

+ sign -889.928+/-0.000 χ^2/NDF : 8208796.1/32

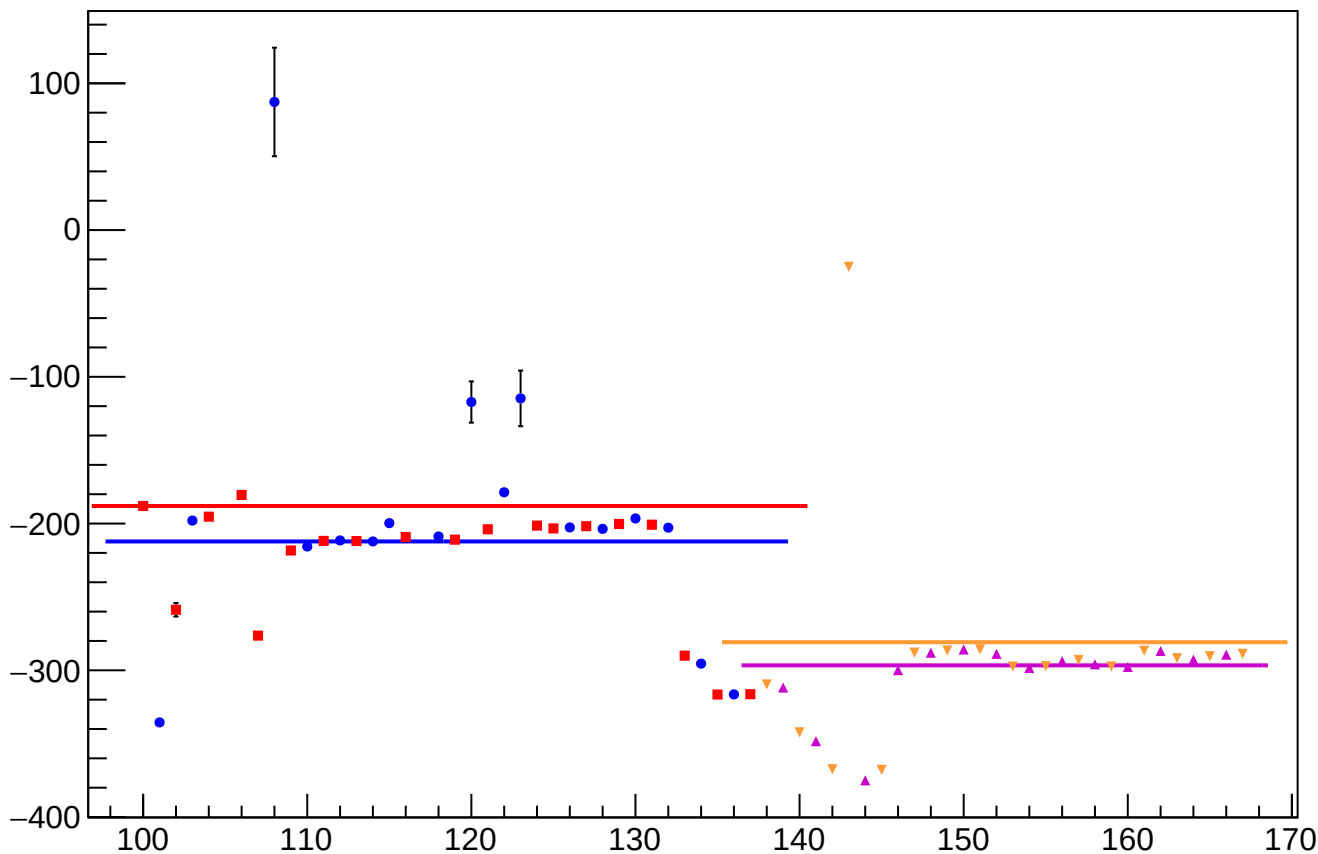
All: -976.220+/-0.000 χ^2/NDF : 44889787387

- sign -1134.421+/-0.000 χ^2/NDF : 5060041.4/32

dit_atl2_4eX_slope vs Slug



dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -280.839+/-0.026 χ^2/NDF : 5765158.9/15

Right Out: -188.033+/-0.000 χ^2/NDF : 602264.3/18

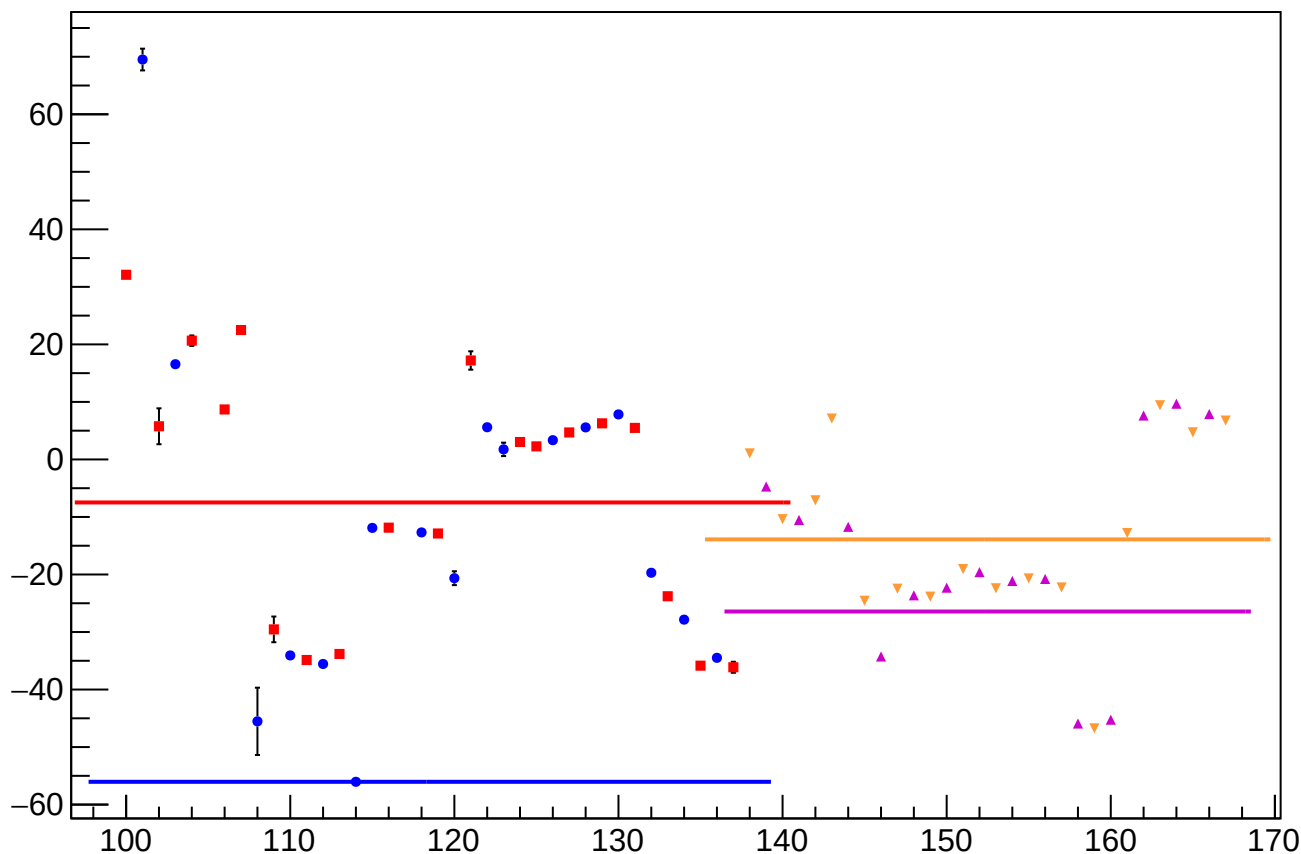
Left In: -296.623+/-0.026 χ^2/NDF : 293792.1/13

+ sign -212.190+/-0.000 χ^2/NDF : 14052532.6/32

All: -195.625+/-0.000 χ^2/NDF : 13622303625

- sign -188.033+/-0.000 χ^2/NDF : 18491061.9/32

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1585420.7/16

Left Out: -13.897 ± 0.022 χ^2/NDF : 759951.9/15

Right Out: -7.476 ± 0.042 χ^2/NDF : 173893.8/18

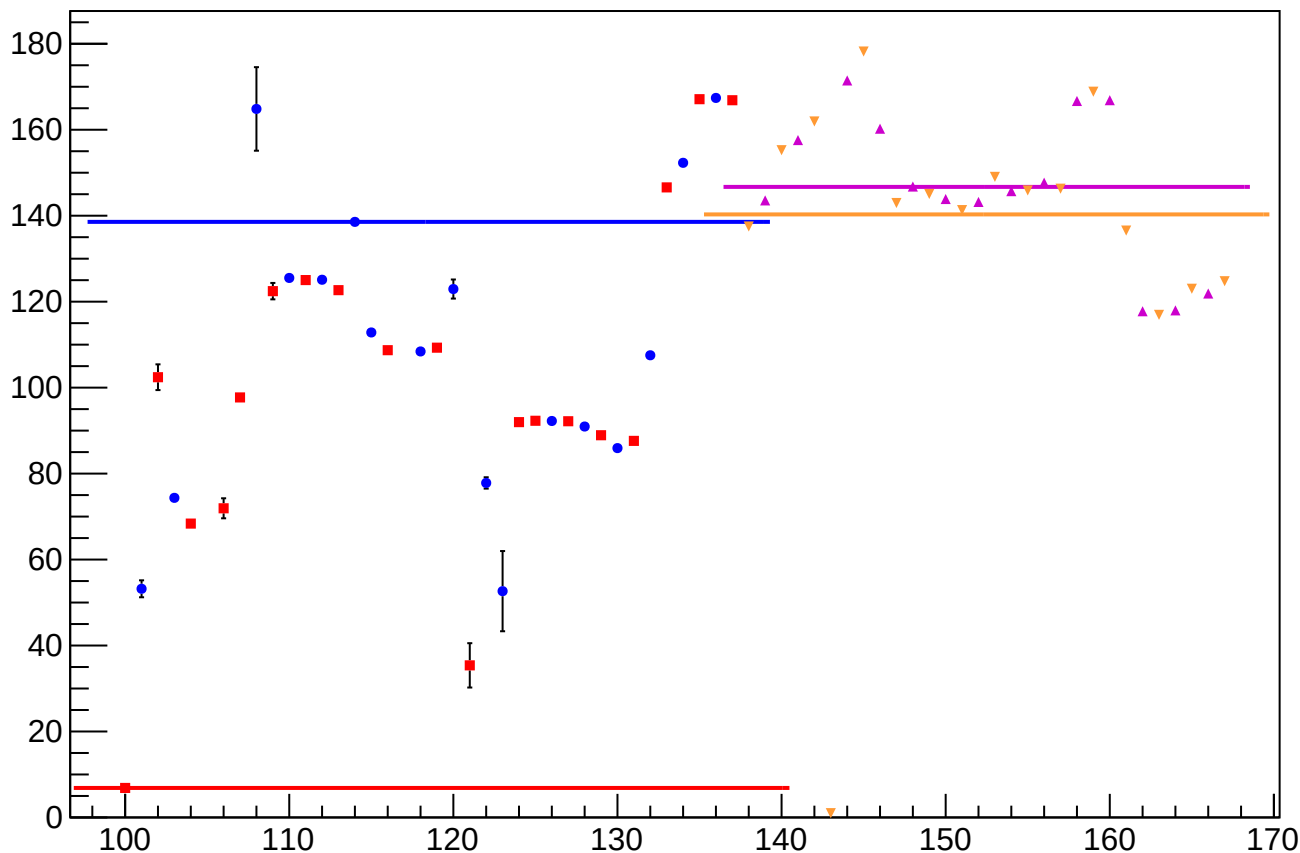
Left In: -26.435 ± 0.024 χ^2/NDF : 516025.8/13

+ sign -56.037 ± 0.000 χ^2/NDF : 5858504.1/32

All: -56.037 ± 0.000 χ^2/NDF : 9389999.5/65

- sign -21.786 ± 0.021 χ^2/NDF : 842423.6/32

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 140.300 $\pm$ 0.031 χ^2 /NDF: 497636.3/15

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

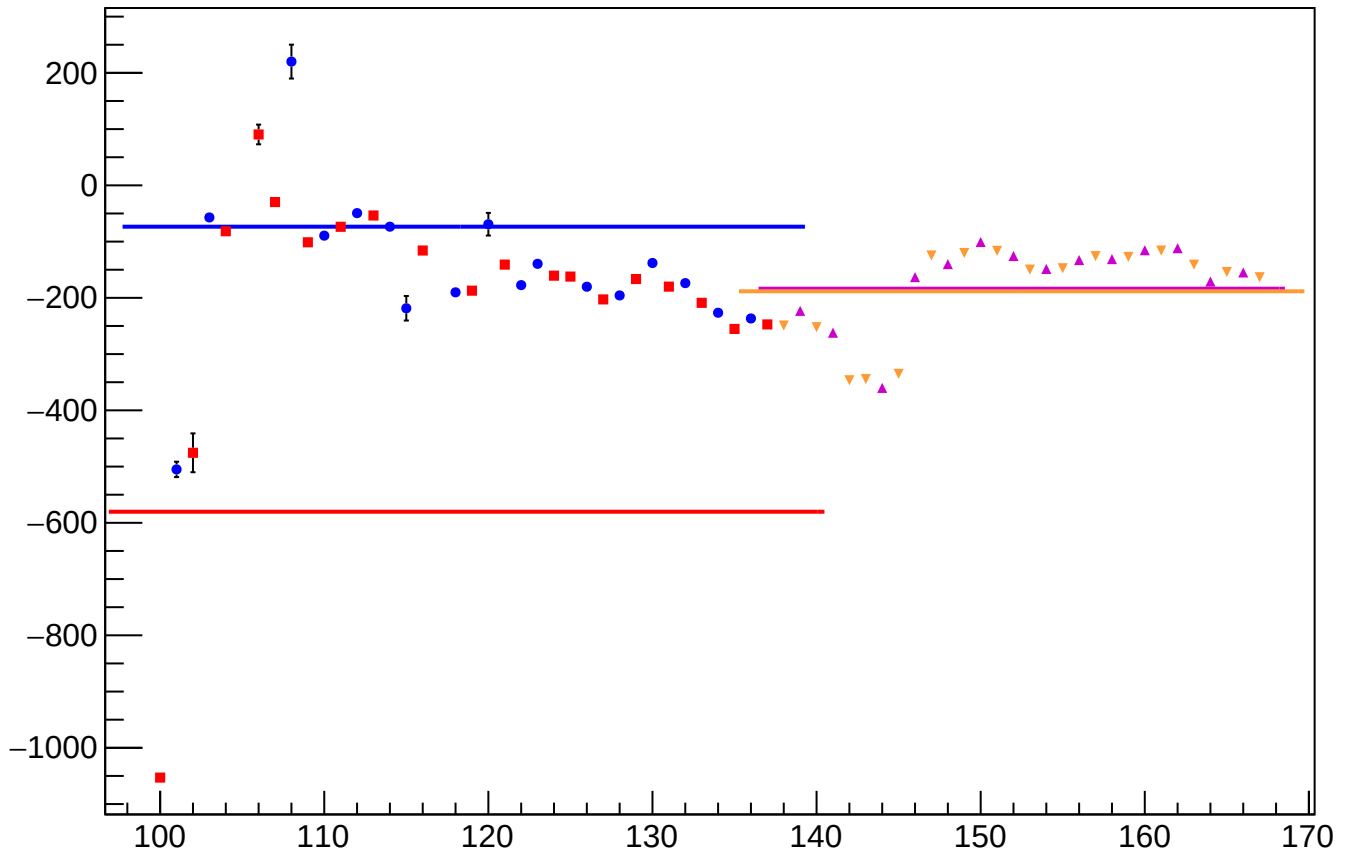
Left In: 146.703 $\pm$ 0.033 χ^2 /NDF: 191972.9/13

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 1401975.7/32

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 26548913.8/32

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF : 98703.2/16

Left Out: -188.344+/-0.296 χ^2/NDF : 66187.7/15

Right Out: -580.262+/-0.261 χ^2/NDF : 3031609.5/18

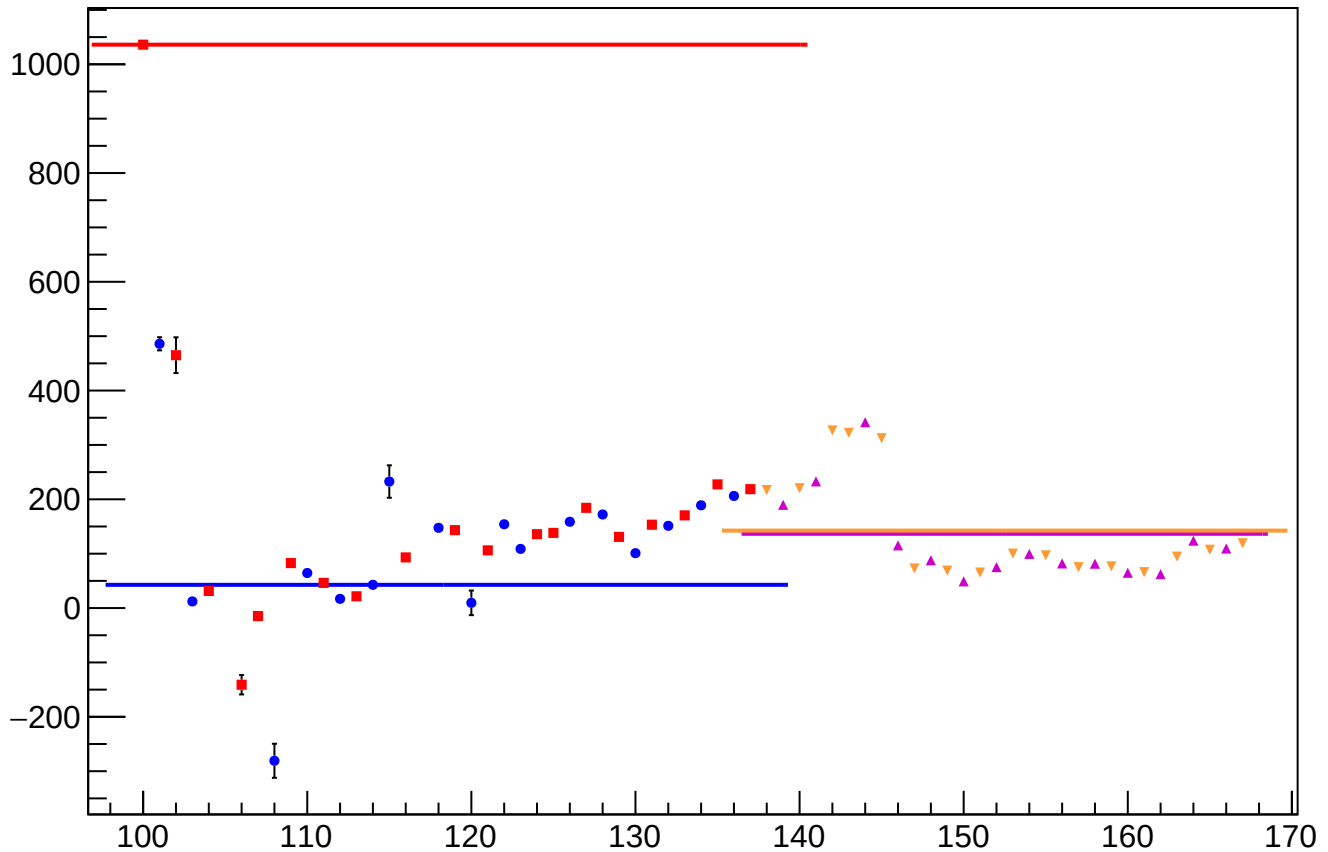
Left In: -183.701+/-0.331 χ^2/NDF : 60706.4/13

+ sign -73.485+/-0.000 χ^2/NDF : 315816.4/32

All: -73.485+/-0.000 χ^2/NDF : 7290526.9/65

- sign -428.491+/-0.205 χ^2/NDF : 3976234.1/32

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 142.453+/-0.300 χ^2/NDF : 80692.0/15

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

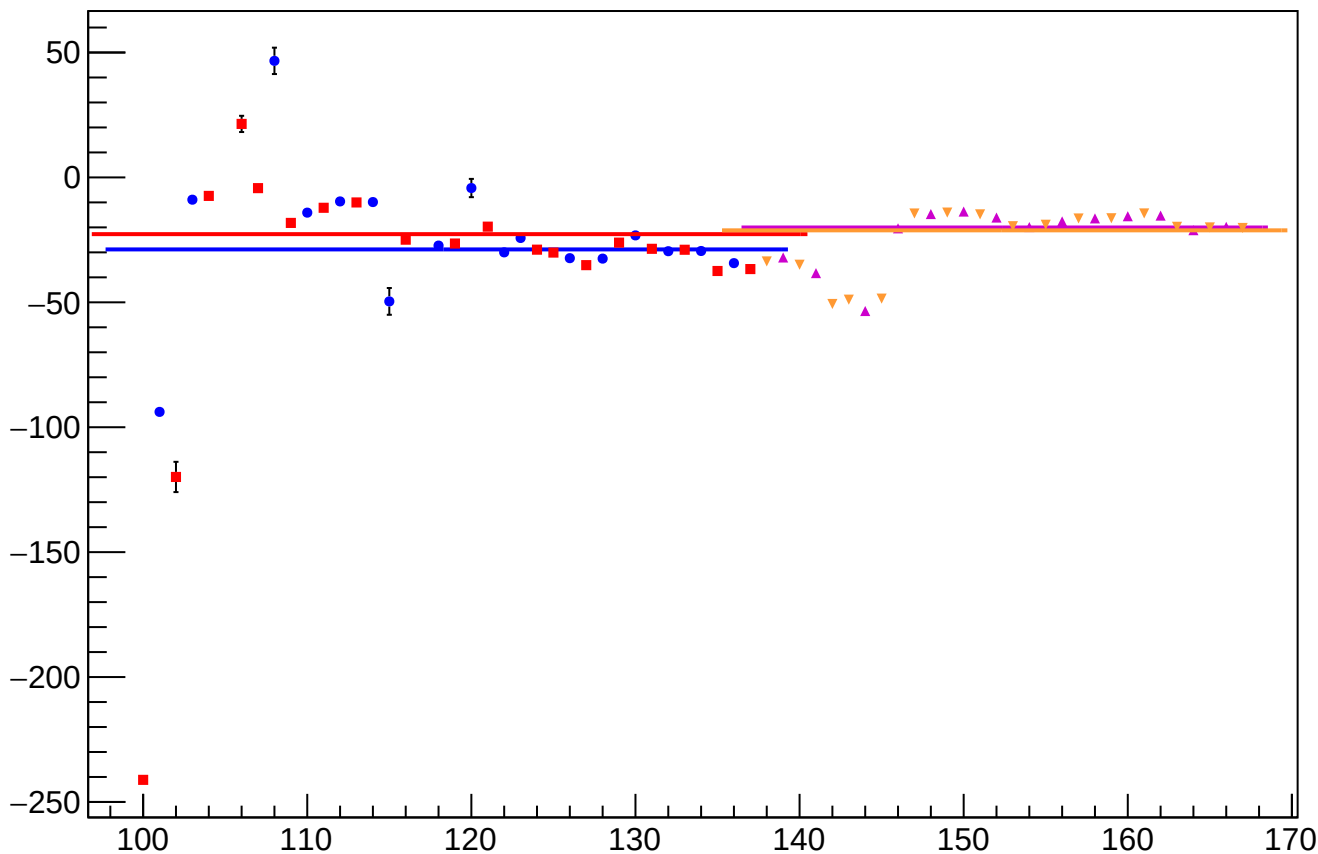
Left In: 136.569+/-0.338 χ^2/NDF : 70218.6/13

+ sign 42.743+/-0.000 χ^2/NDF : 275696.4/32

All: 43.272+/-0.000 χ^2/NDF : 114451749726

- sign 1036.068+/-0.000 χ^2/NDF : 12072451.2/32

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -21.187 ± 0.015 χ^2/NDF : 344791.8/15

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

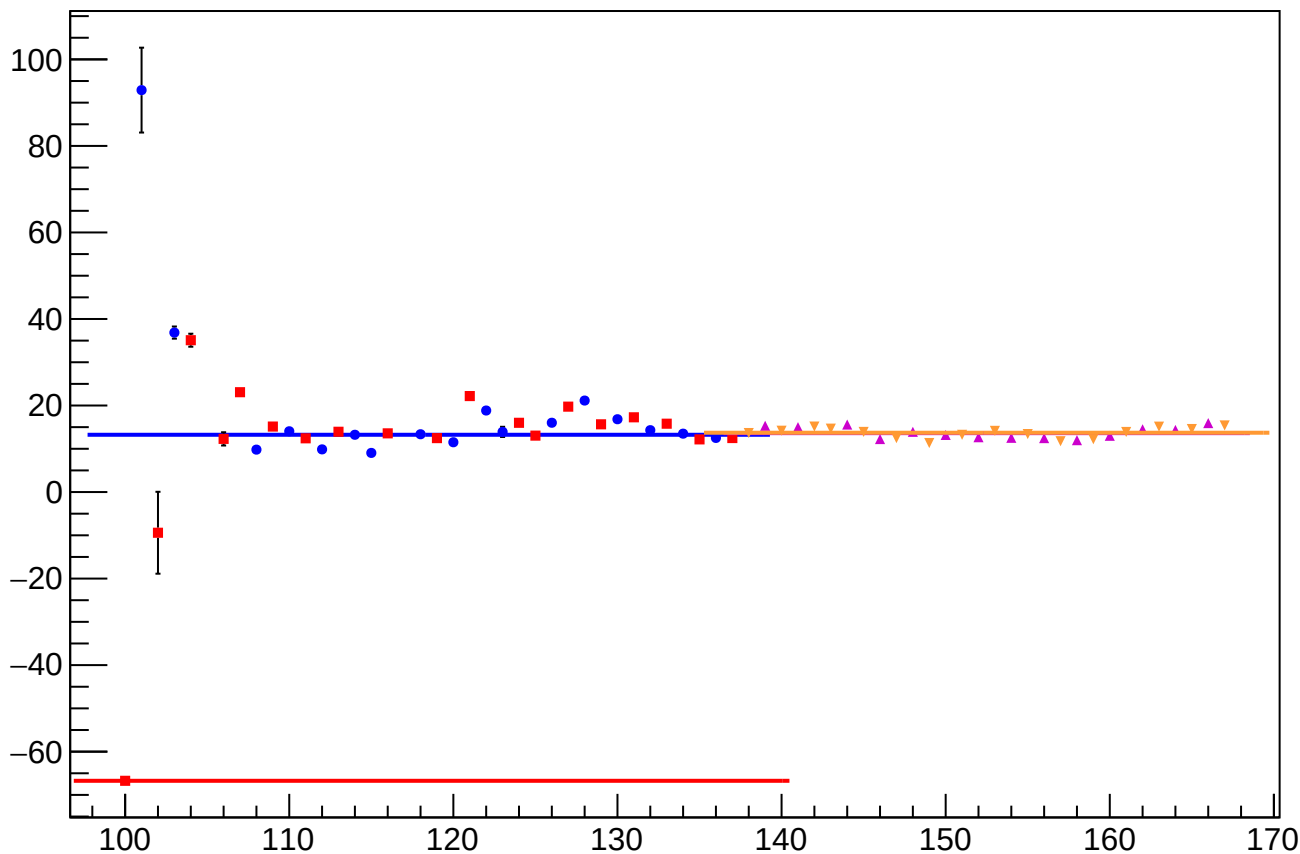
Left In: -20.048 ± 0.018 χ^2/NDF : 200365.7/13

+ sign -22.398 ± 0.014 χ^2/NDF : 434944.9/32

All: -21.587 ± 0.010 χ^2/NDF : 1057486.7/65

- sign -20.513 ± 0.016 χ^2/NDF : 614561.7/32

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.710+/-0.014 χ^2/NDF : 6563.8/15

Right Out: -66.739+/-0.000 χ^2/NDF : 3023648.4/18

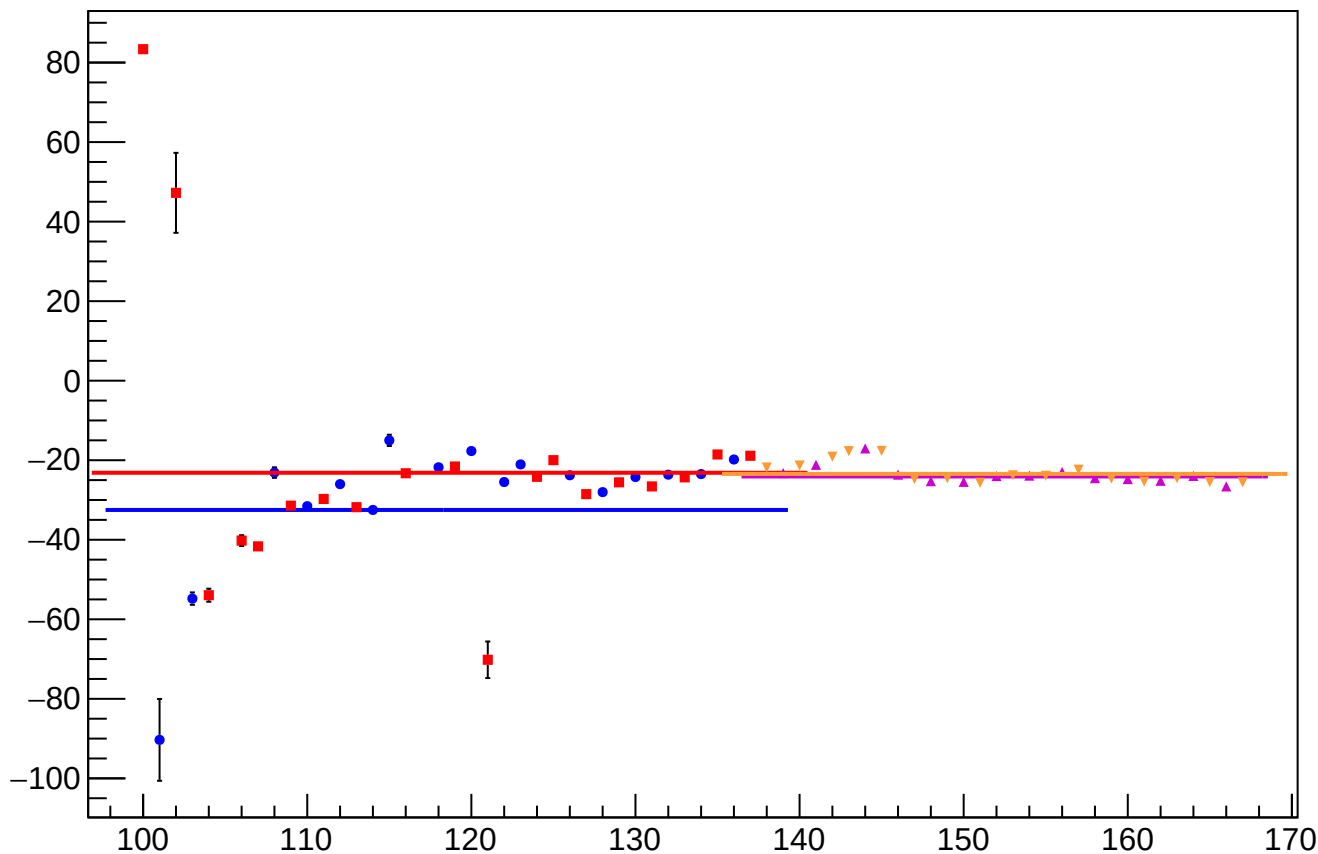
Left In: 13.612+/-0.016 χ^2/NDF : 5968.6/13

+ sign 13.238+/-0.000 χ^2/NDF : 13411.1/32

All: 12.562+/-0.000 χ^2/NDF : 1884310027651

- sign -66.739+/-0.000 χ^2/NDF : 29620833.4/32

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -23.441 ± 0.020 χ^2/NDF : 13409.2/15

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

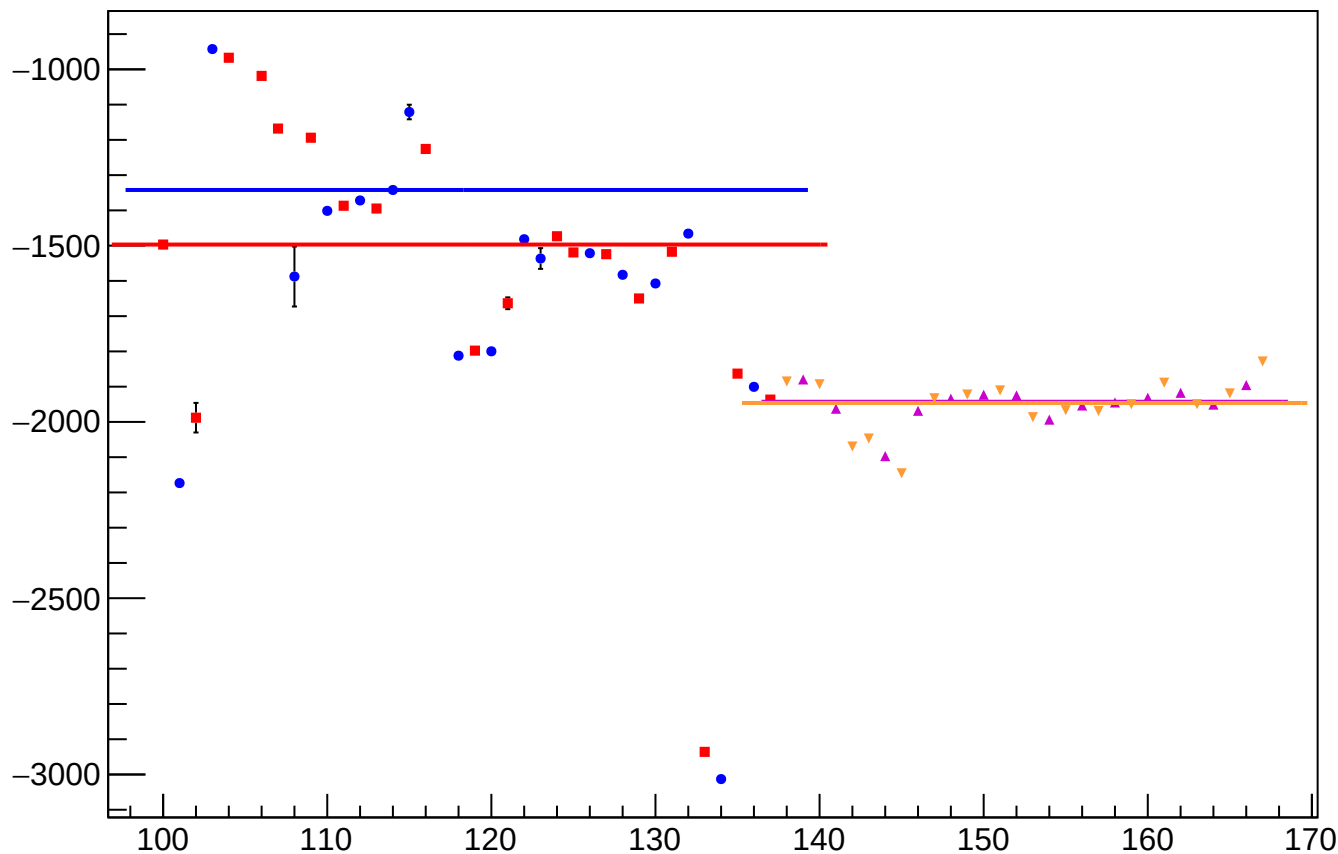
Left In: -24.083 ± 0.019 χ^2/NDF : 6495.5/13

+ sign -32.504 ± 0.000 χ^2/NDF : 283583.8/32

All: -32.504 ± 0.000 χ^2/NDF : 609974.2/65

- sign -23.952 ± 0.018 χ^2/NDF : 97573.9/32

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 $\pm$ 0.000 χ^2 /NDF: 370901.4/16

Left Out: -1946.236 $\pm$ 0.404 χ^2 /NDF:21013.4/15

Right Out: -1496.932 $\pm$ 0.000 χ^2 /NDF: 504712.5/18

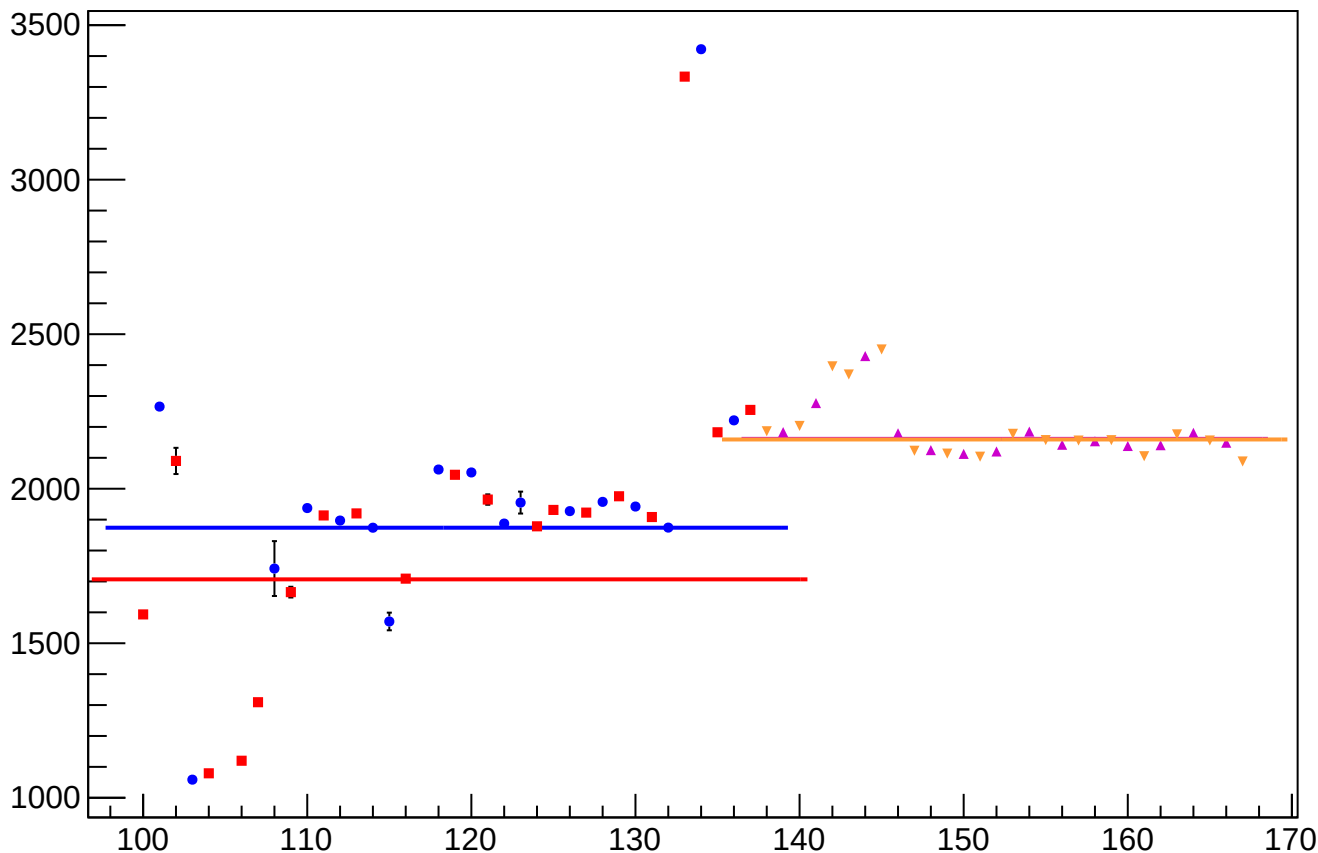
Left In: -1942.766 $\pm$ 0.342 χ^2 /NDF:16247.9/13

+ sign -1342.107 $\pm$ 0.000 χ^2 /NDF: 2625361.4/32

All: -1396.751 $\pm$ 0.000 χ^2 /NDF: 1800086126

- sign -1496.932 $\pm$ 0.000 χ^2 /NDF: 2218837.5/32

dit_atr2_4eX_slope vs Slug



Right In: 1873.852 $\pm$ 0.000 χ^2/NDF : 201563.9/16

Left Out: 2159.368 $\pm$ 0.409 χ^2/NDF : 29898.3/15

Right Out: 1706.739 $\pm$ 0.302 χ^2/NDF : 837936.9/18

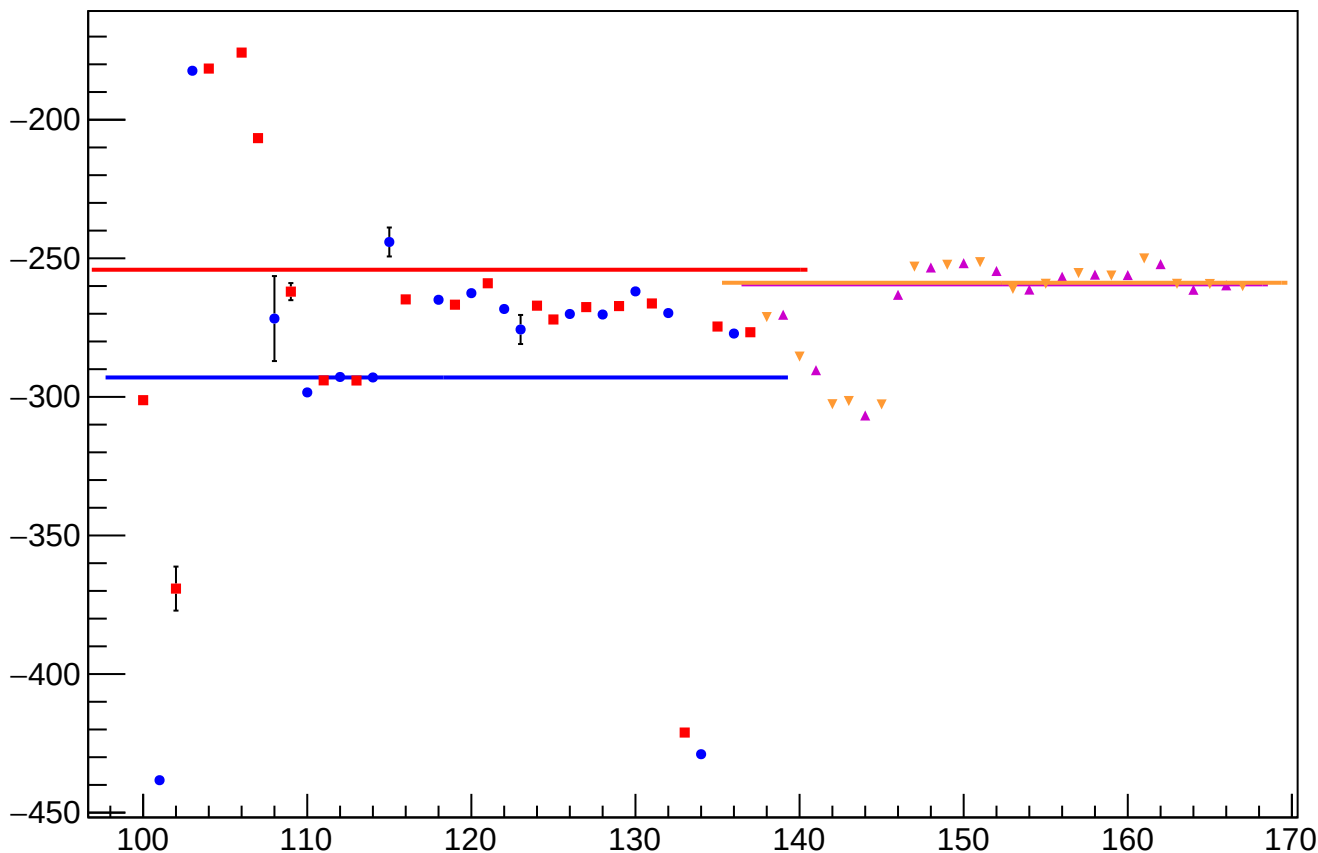
Left In: 2161.325 $\pm$ 0.342 χ^2/NDF : 36752.1/13

+ sign 1873.852 $\pm$ 0.000 χ^2/NDF : 719830.6/32

All: 1873.852 $\pm$ 0.000 χ^2/NDF : 2605936.3/65

- sign 1906.111 $\pm$ 0.227 χ^2/NDF : 1865834.8/32

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -258.817 ± 0.023 $\chi^2/\text{NDF}: 204973.7/15$

Right Out: -254.119 ± 0.059 $\chi^2/\text{NDF}: 502658.5/18$

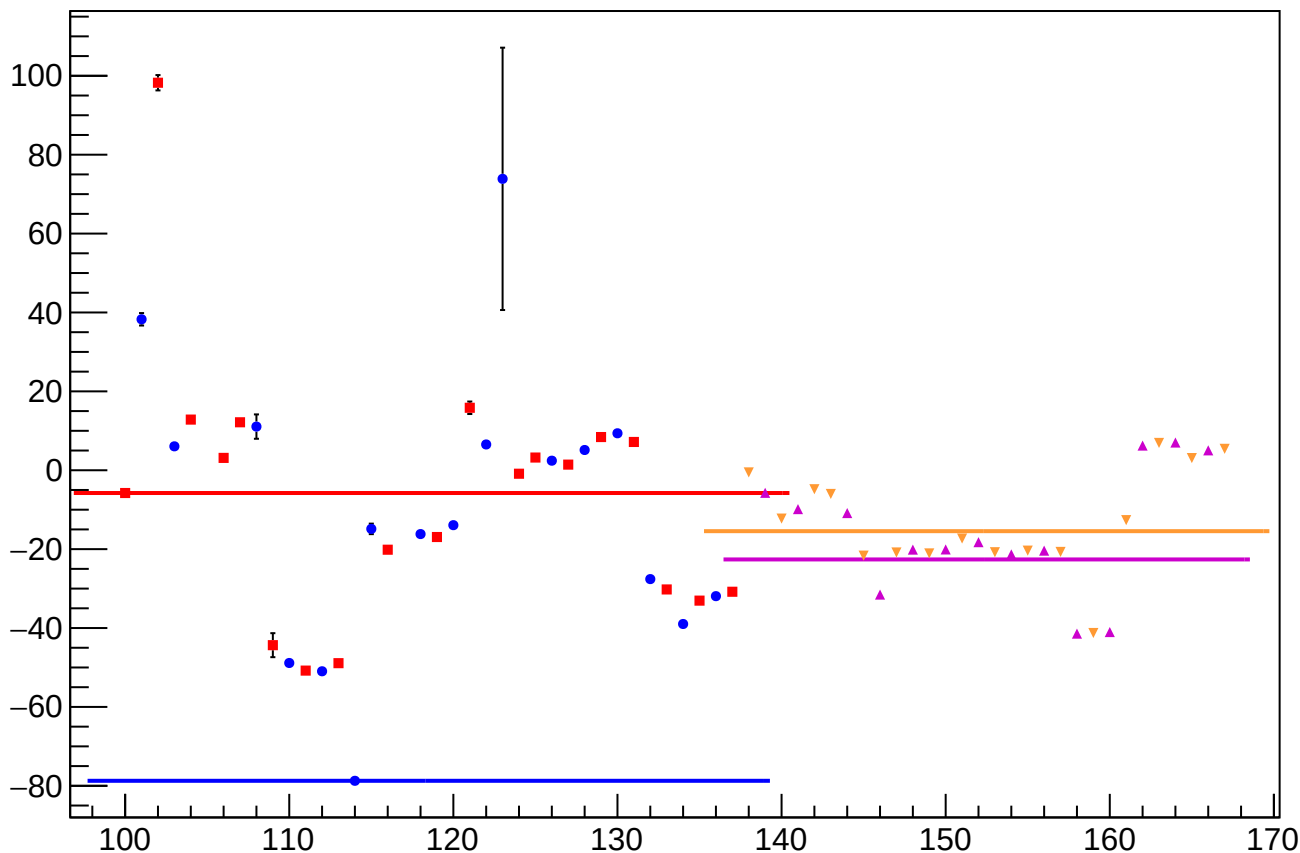
Left In: -259.397 ± 0.020 $\chi^2/\text{NDF}: 248083.2/13$

+ sign -292.986 ± 0.000 $\chi^2/\text{NDF}: 3426459.9/32$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 7457199.8/65$

- sign -258.857 ± 0.019 $\chi^2/\text{NDF}: 757926.3/32$

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF : 1399088.3/16

Left Out: -15.442+/-0.022 χ^2/NDF : 555775.0/15

Right Out: -5.769+/-0.000 χ^2/NDF : 111570.1/18

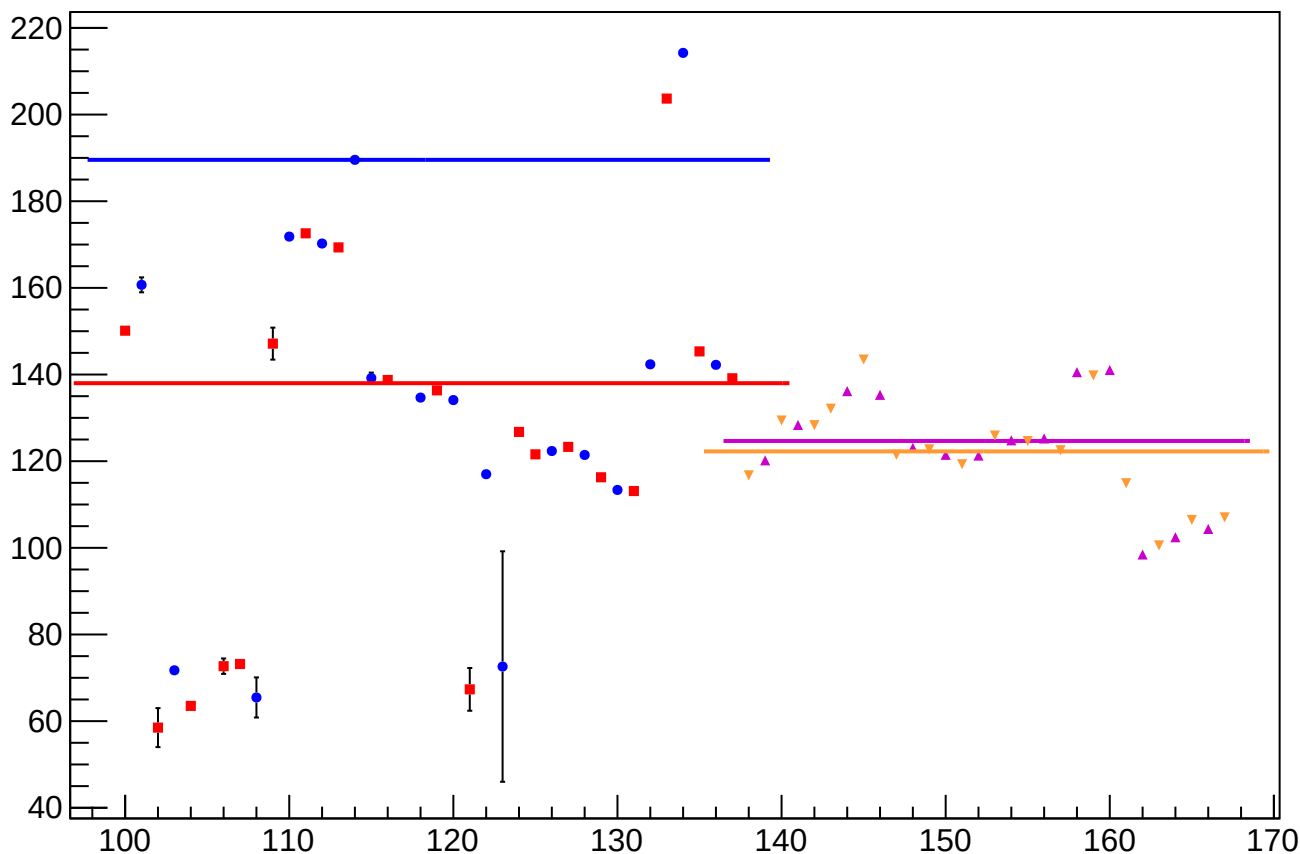
Left In: -22.611+/-0.020 χ^2/NDF : 500479.1/13

+ sign -78.728+/-0.000 χ^2/NDF : 10185867.0/32

All: -6.288+/-0.000 χ^2/NDF : 2878797679293

- sign -5.769+/-0.000 χ^2/NDF : 1328892.0/32

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF : 927391.8/16

Left Out: 122.261+/-0.027 χ^2/NDF :141005.7/15

Right Out: 138.002+/-0.059 χ^2/NDF : 117357.8/18

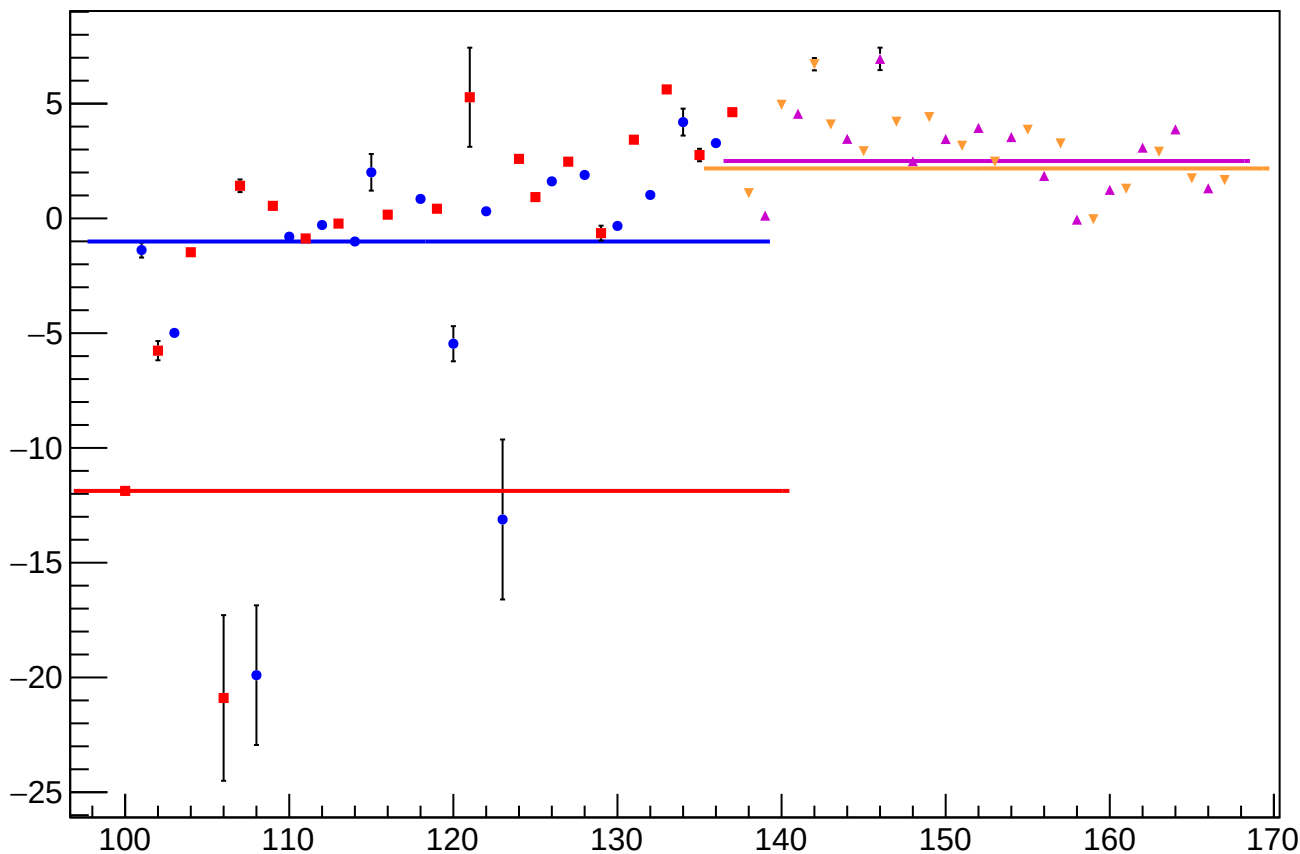
Left In: 124.664+/-0.029 χ^2/NDF :168413.2/13

+ sign 189.551+/-0.000 χ^2/NDF : 7114503.5/32

All: 189.551+/-0.000 χ^2/NDF : 13345465.8/65

- sign 127.183+/-0.026 χ^2/NDF : 327131.5/32

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 2.176 ± 0.021 χ^2/NDF : 5180.3/15

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

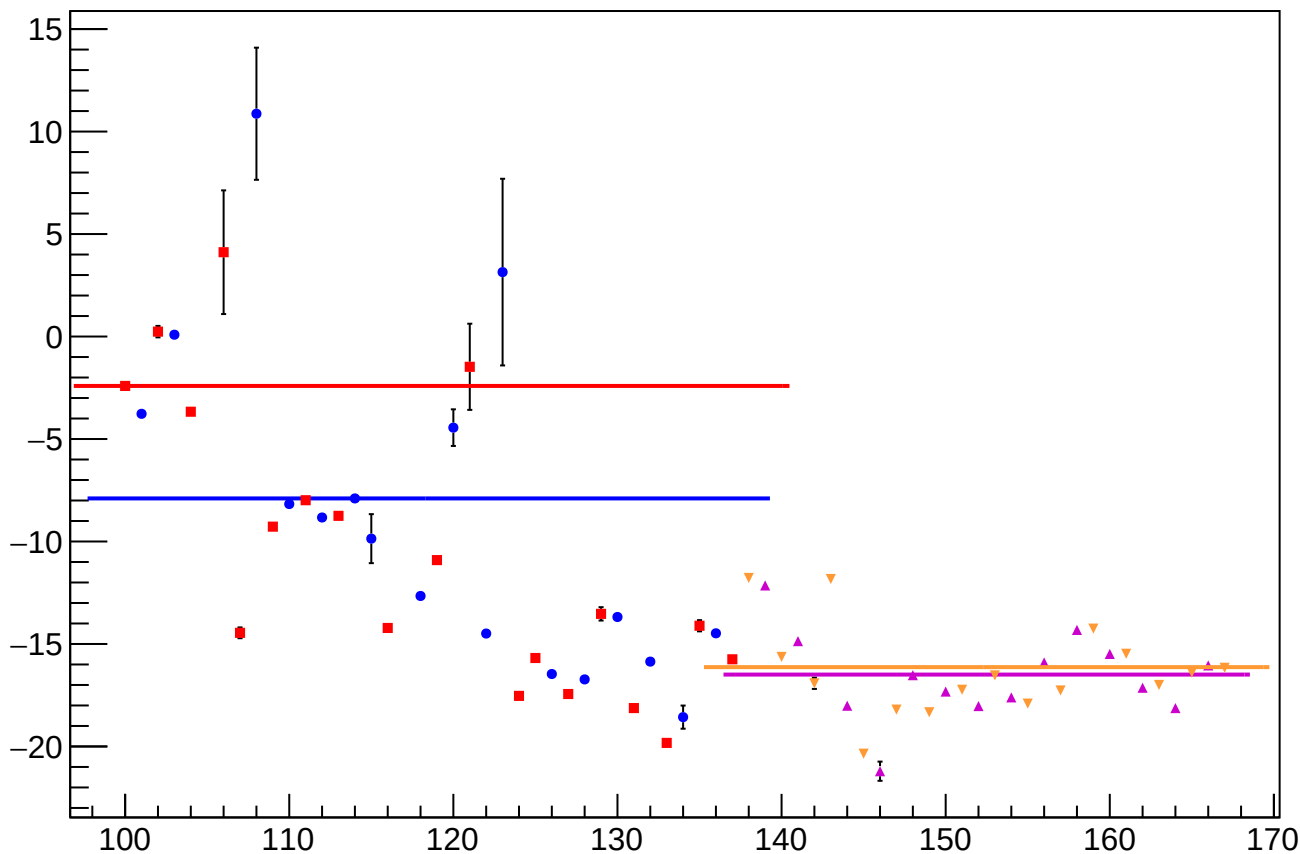
Left In: 2.500 ± 0.019 χ^2/NDF : 6405.6/13

+ sign -1.007 ± 0.000 χ^2/NDF : 35060.4/32

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 1078467.5/32

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.130 ± 0.021 χ^2/NDF : 6086.6/15

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

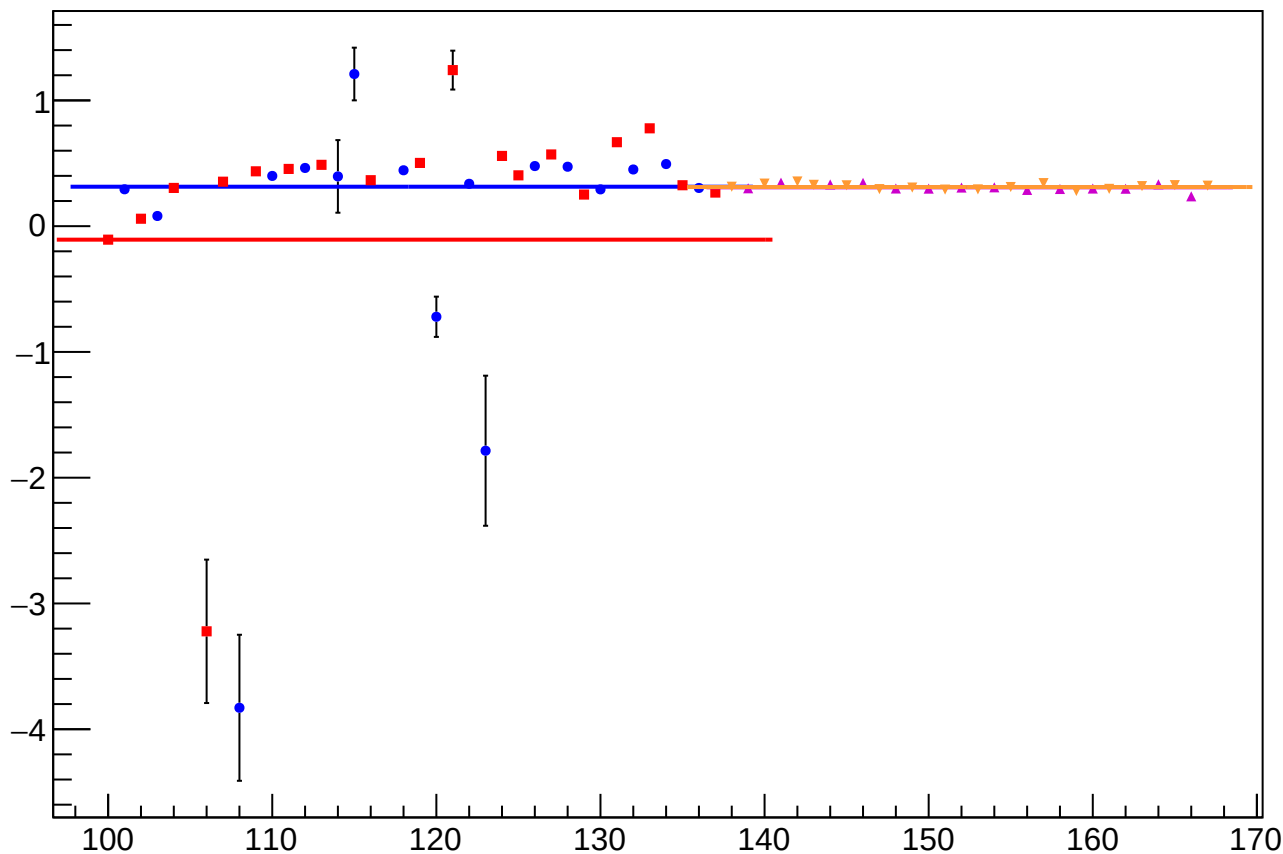
Left In: -16.493 ± 0.020 χ^2/NDF : 5357.2/13

+ sign -7.899 ± 0.000 χ^2/NDF : 203860.2/32

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 703978.1/32

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.311 ± 0.000 χ^2/NDF : 4016.5/15

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

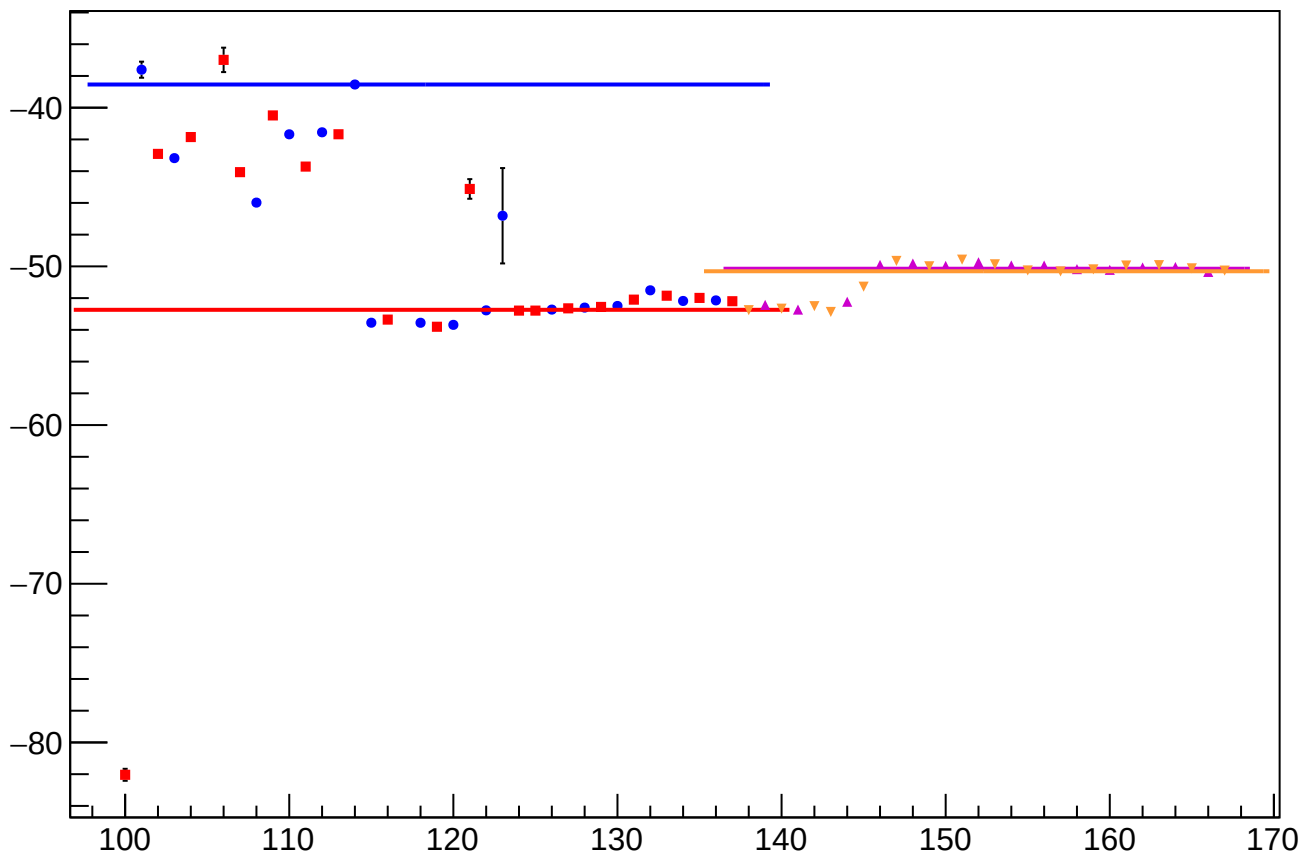
Left In: 0.309 ± 0.000 χ^2/NDF : 2639.5/13

+ sign 0.311 ± 0.000 χ^2/NDF : 6770.9/32

All: -0.107 ± 0.000 χ^2/NDF : 4699139.9/65

- sign -0.107 ± 0.000 χ^2/NDF : 2134815.3/32

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 14950854.6/16

Left Out: -50.307 ± 0.002 χ^2/NDF : 251248.8/15

Right Out: -52.737 ± 0.002 χ^2/NDF : 87430.2/18

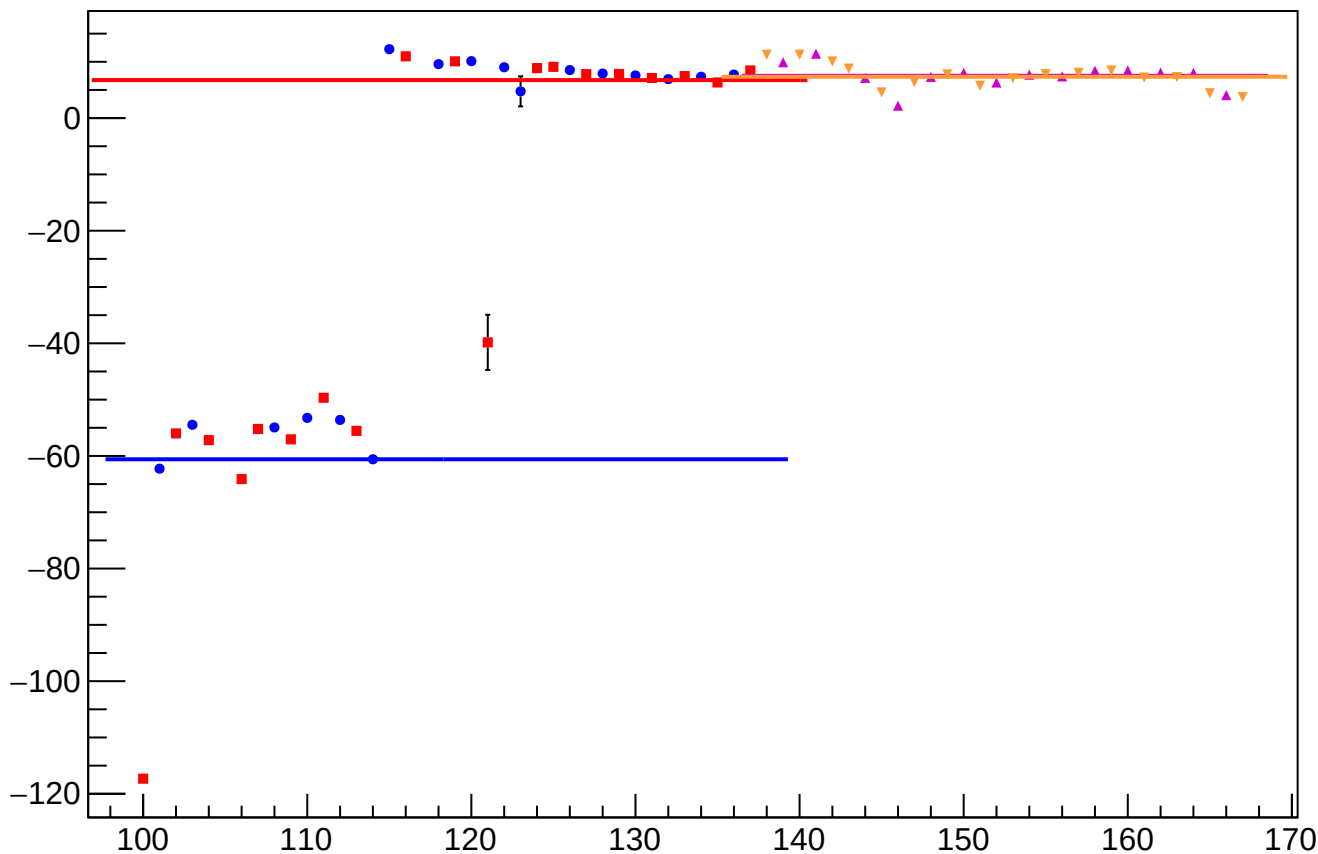
Left In: -50.148 ± 0.002 χ^2/NDF : 154461.0/13

+ sign -38.539 ± 0.000 χ^2/NDF : 59715346.6/32

All: -38.539 ± 0.000 χ^2/NDF : 174508409.2/6

- sign -51.181 ± 0.001 χ^2/NDF : 1381916.0/32

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 7.342 ± 0.004 χ^2/NDF : 188645.0/15

Right Out: 6.748 ± 0.011 χ^2/NDF : 1266598.3/18

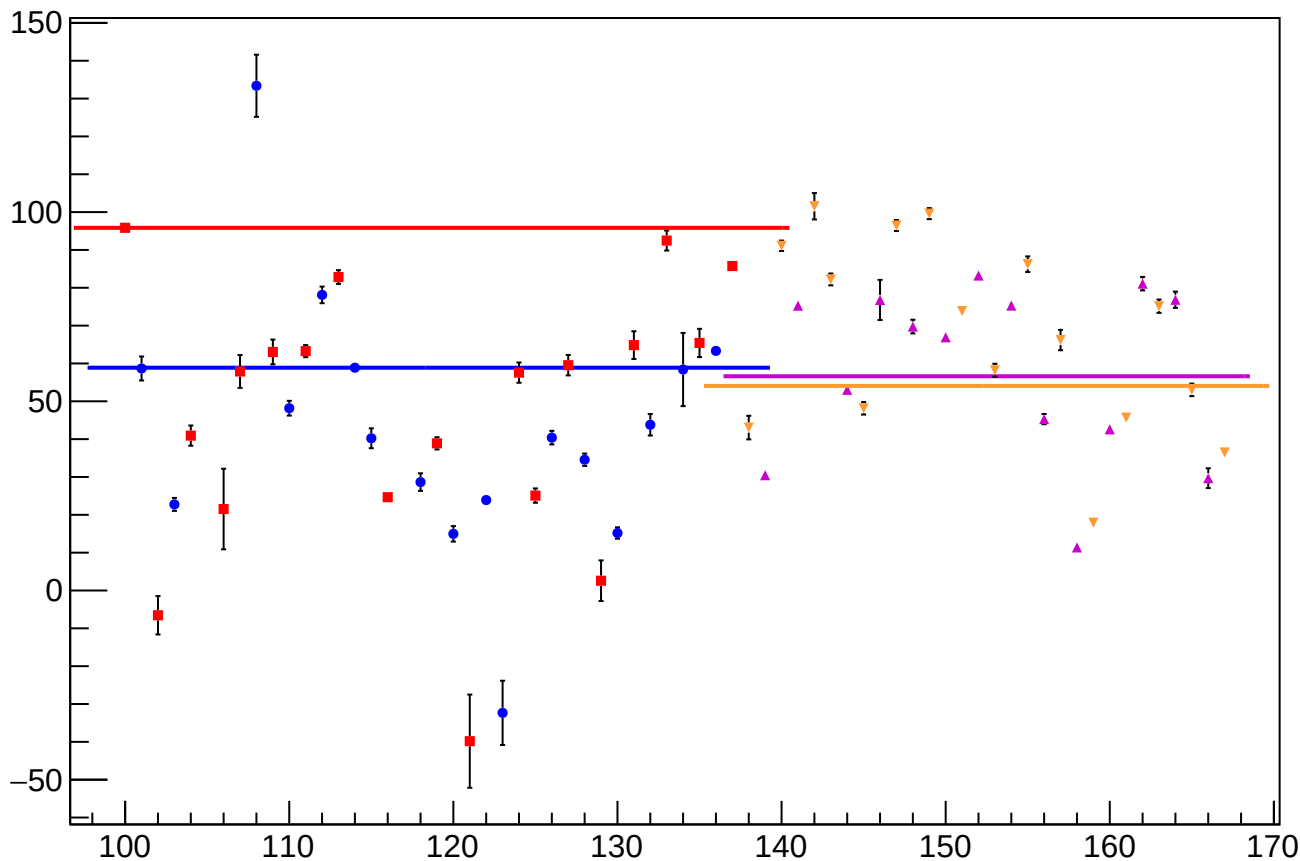
Left In: 7.511 ± 0.004 χ^2/NDF : 121098.9/13

+ sign -60.594 ± 0.000 χ^2/NDF : 283690247.2/32

All: -60.594 ± 0.000 χ^2/NDF : 665235724.1/6

- sign 7.435 ± 0.003 χ^2/NDF : 1392012.8/32

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 54.069 $\pm$ 0.328 χ^2 /NDF: 6342.0/15

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

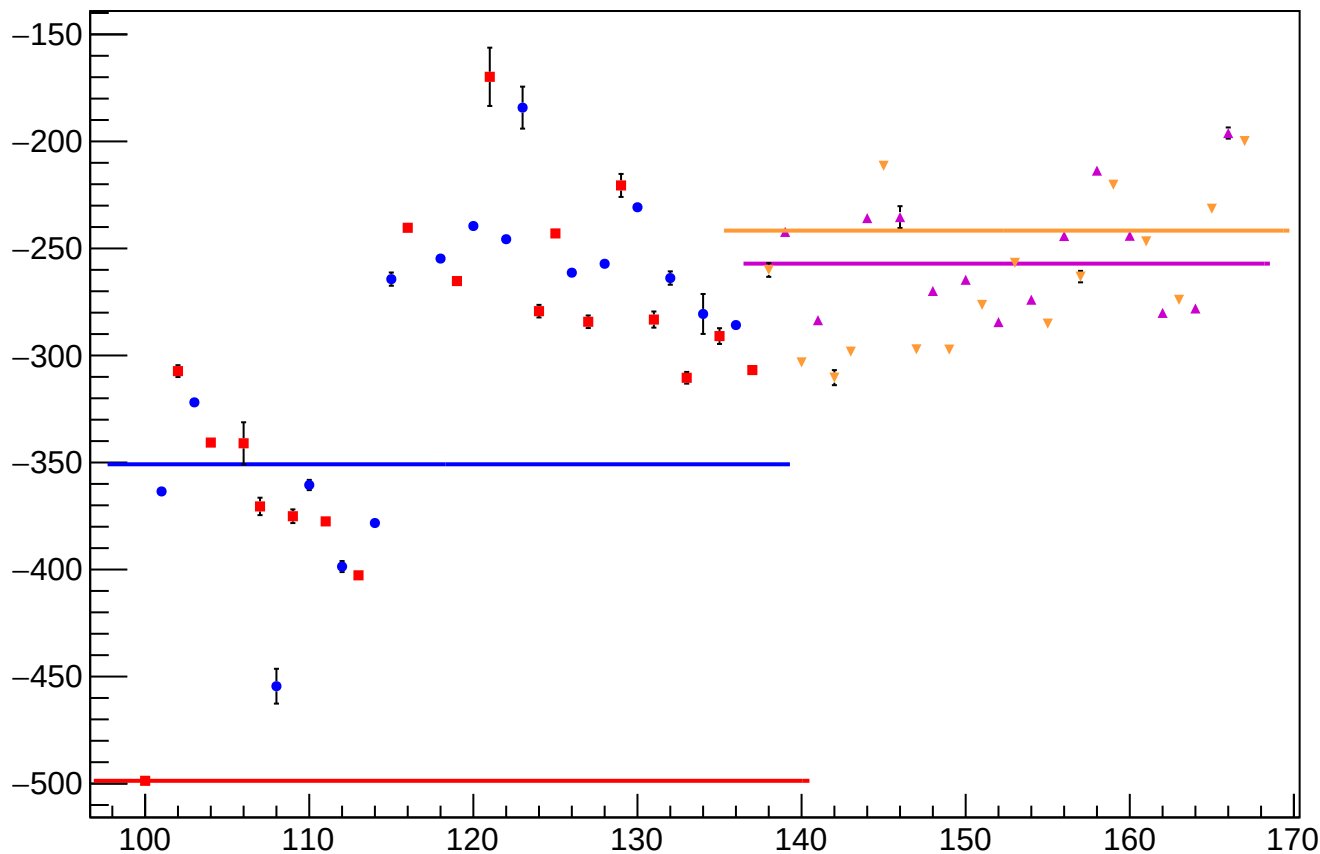
Left In: 56.617 $\pm$ 0.315 χ^2 /NDF: 4962.9/13

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 10372.1/32

All: 60.098 $\pm$ 0.000 χ^2 /NDF: 981523394566

- sign 95.846 $\pm$ 0.000 χ^2 /NDF: 59883.2/32

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -241.668 ± 0.326 χ^2/NDF : 14952.0/15

Right Out: -498.692 ± 0.000 χ^2/NDF : 511870.8/18

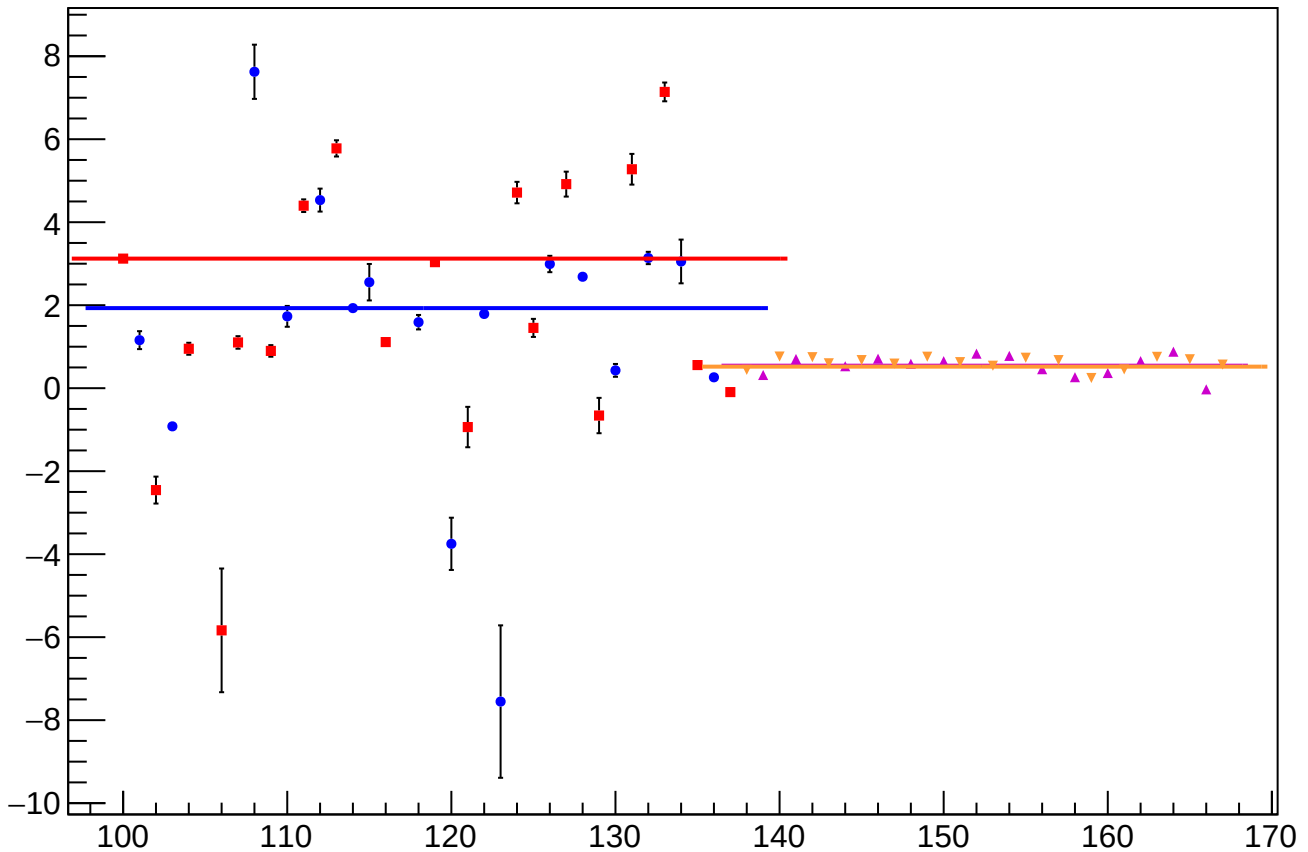
Left In: -257.097 ± 0.318 χ^2/NDF : 4979.4/13

+ sign -311.474 ± 0.196 χ^2/NDF : 128106.5/32

All: -498.692 ± 0.000 χ^2/NDF : 2137774.7/65

- sign -498.692 ± 0.000 χ^2/NDF : 1093008.5/32

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.519 ± 0.002 χ^2/NDF : 7985.4/15

Right Out: 3.123 ± 0.000 χ^2/NDF : 512565.5/18

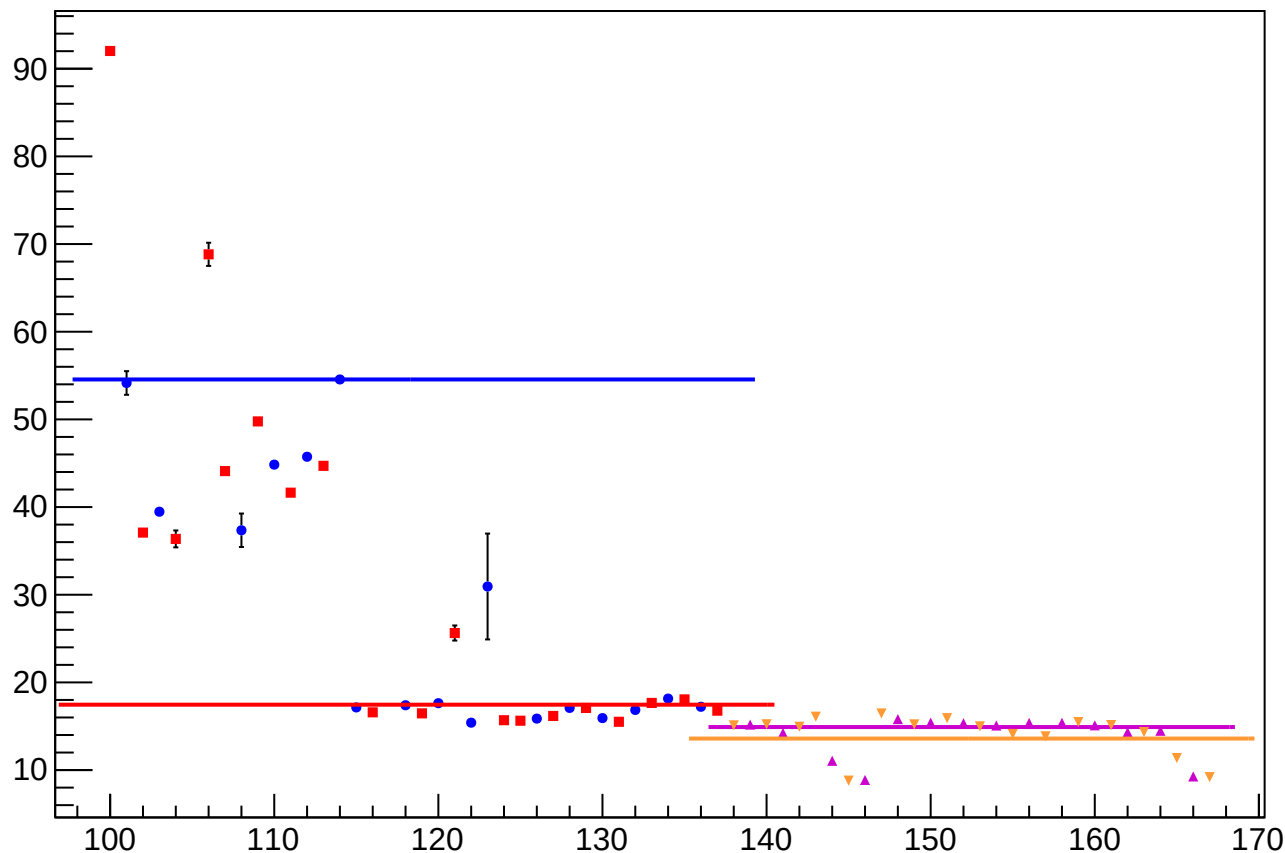
Left In: 0.543 ± 0.002 χ^2/NDF : 12548.4/13

+ sign 1.930 ± 0.000 χ^2/NDF : 484948.1/32

All: 2.073 ± 0.000 χ^2/NDF : 3809953457808

- sign 3.123 ± 0.000 χ^2/NDF : 2199943.7/32

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.595+/-0.007 χ^2/NDF :145395.7/15

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

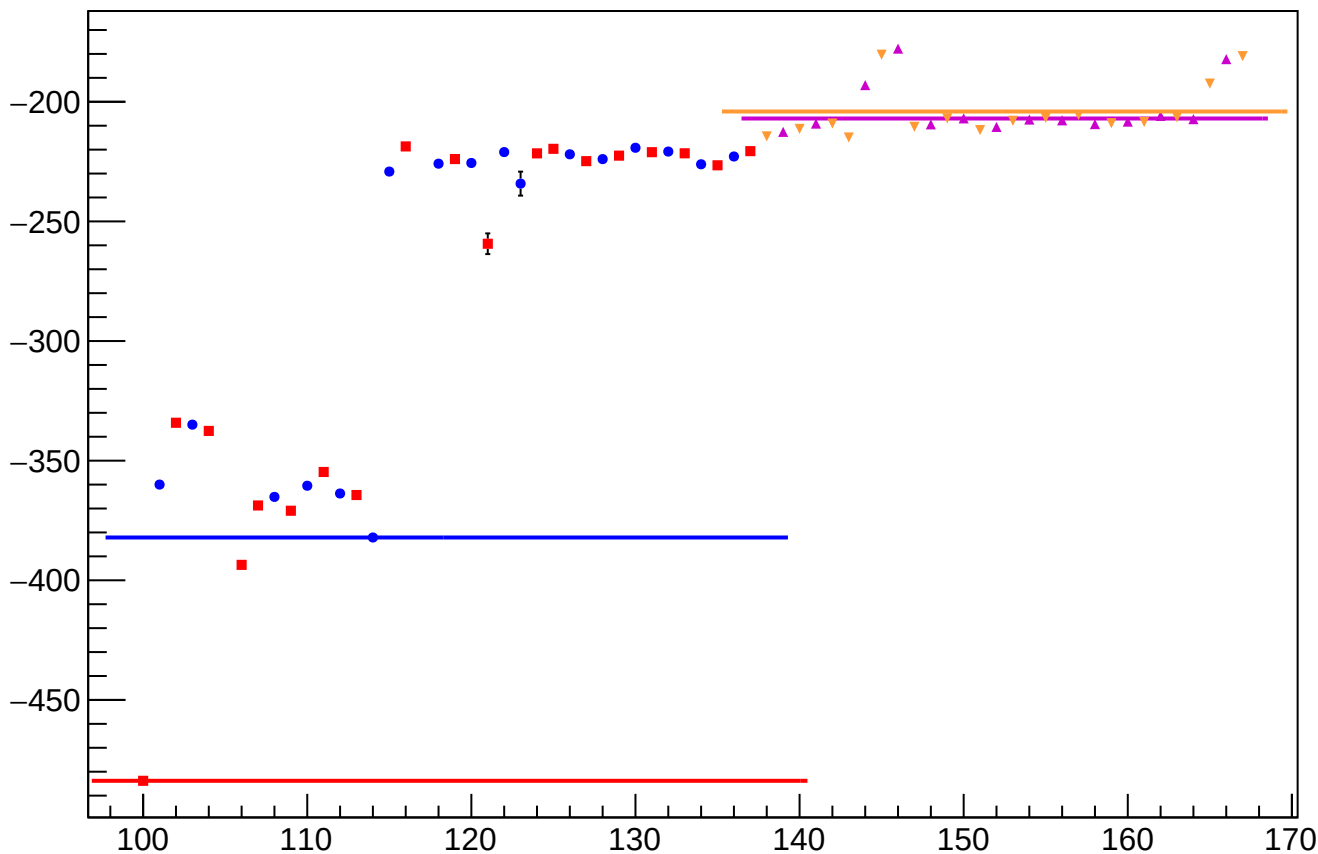
Left In: 14.908+/-0.008 χ^2/NDF :17909.8/13

+ sign 54.556+/-0.000 χ^2/NDF : 37632357.2/32

All: 54.556+/-0.000 χ^2/NDF : 68114670.1/65

- sign 15.296+/-0.007 χ^2/NDF : 133712.5/32

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -204.064+/-0.017 χ^2/NDF : 430323.8/15

+ sign -382.108+/-0.000 χ^2/NDF : 133147106.2/32

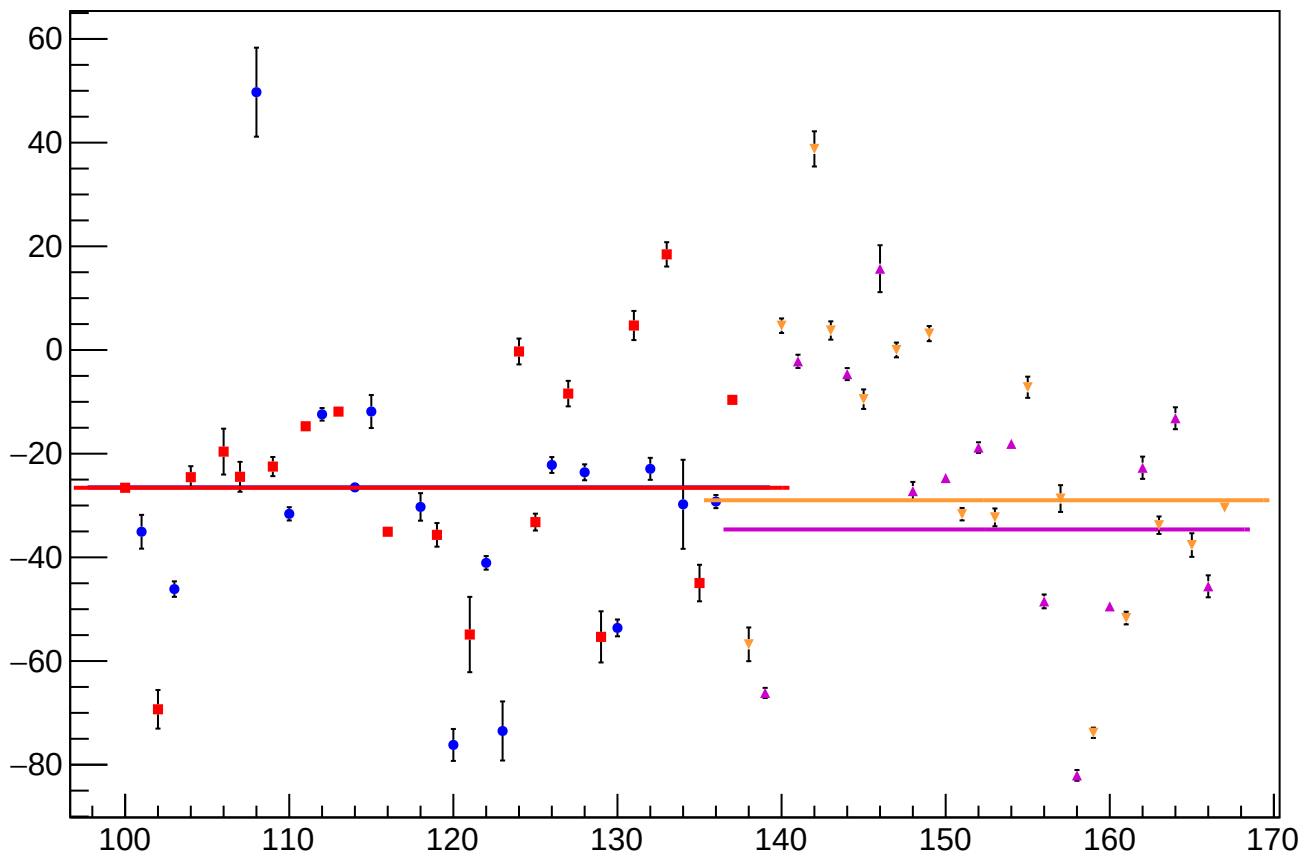
Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

All: -417.999+/-0.000 χ^2/NDF : 12425488813

- sign -483.800+/-0.000 χ^2/NDF : 296271055.4/32

Left In: -206.994+/-0.017 χ^2/NDF : 115245.1/13

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -28.986 ± 0.342 χ^2/NDF : 4929.3/15

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

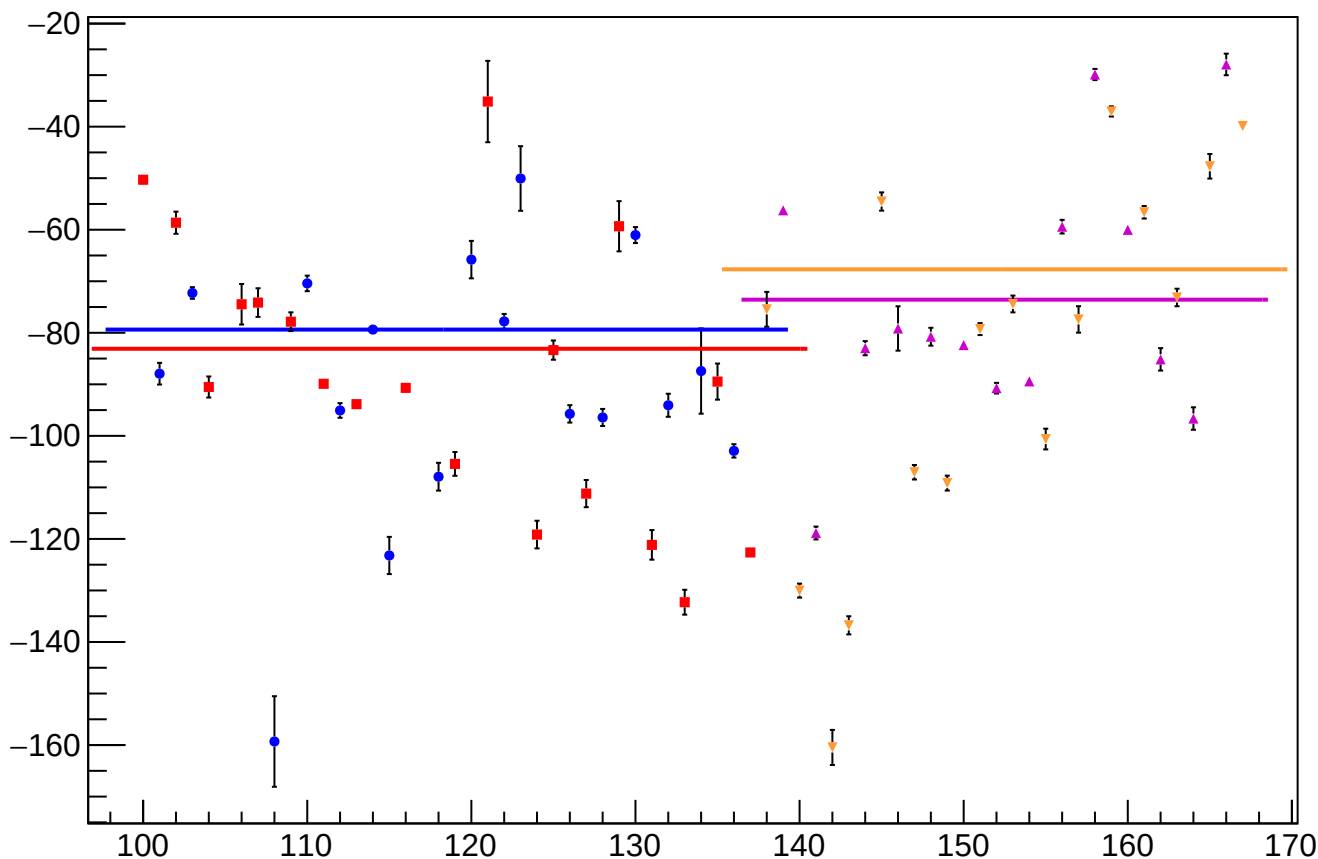
Left In: -34.617 ± 0.320 χ^2/NDF : 5779.3/13

+ sign -26.504 ± 0.000 χ^2/NDF : 6162.6/32

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 9052.9/32

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -67.683 ± 0.334 χ^2/NDF : 9811.8/15

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

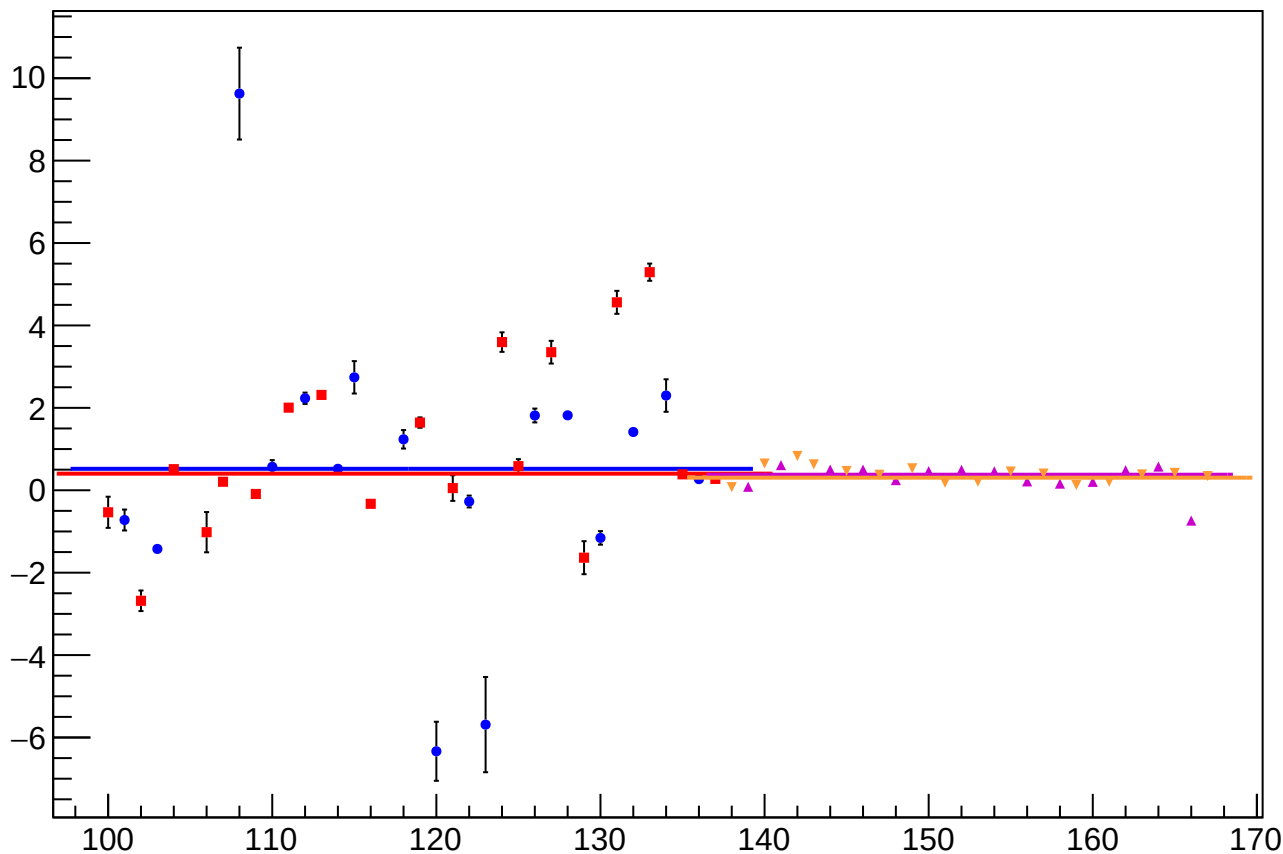
Left In: -73.573 ± 0.317 χ^2/NDF : 5030.6/13

+ sign -79.376 ± 0.000 χ^2/NDF : 12342.7/32

All: -79.376 ± 0.000 χ^2/NDF : 30061.8/65

- sign -80.807 ± 0.155 χ^2/NDF : 17634.2/32

dit_sam3_11X12X_slope vs Slug



Right In: 0.521 ± 0.000 χ^2/NDF : 3370.8/16

Left Out: 0.305 ± 0.002 χ^2/NDF : 5934.8/15

Right Out: 0.403 ± 0.011 χ^2/NDF : 2727.5/18

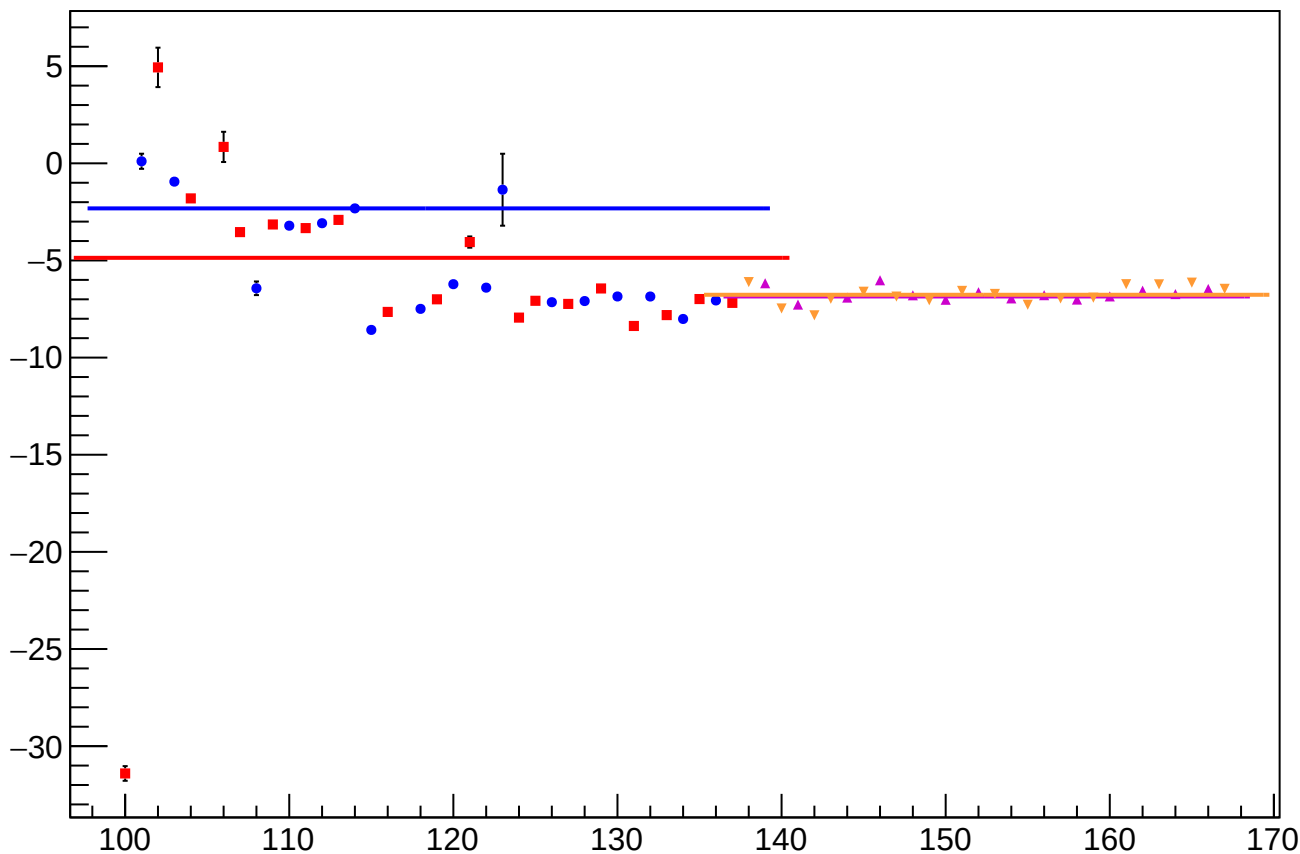
Left In: 0.377 ± 0.002 χ^2/NDF : 8753.2/13

+ sign 0.521 ± 0.000 χ^2/NDF : 19244.3/32

All: 0.521 ± 0.000 χ^2/NDF : 36066.7/65

- sign 0.378 ± 0.002 χ^2/NDF : 11486.2/32

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -6.766+/-0.003 χ^2/NDF : 8030.1/15

Right Out: -4.864+/-0.010 χ^2/NDF : 49380.5/18

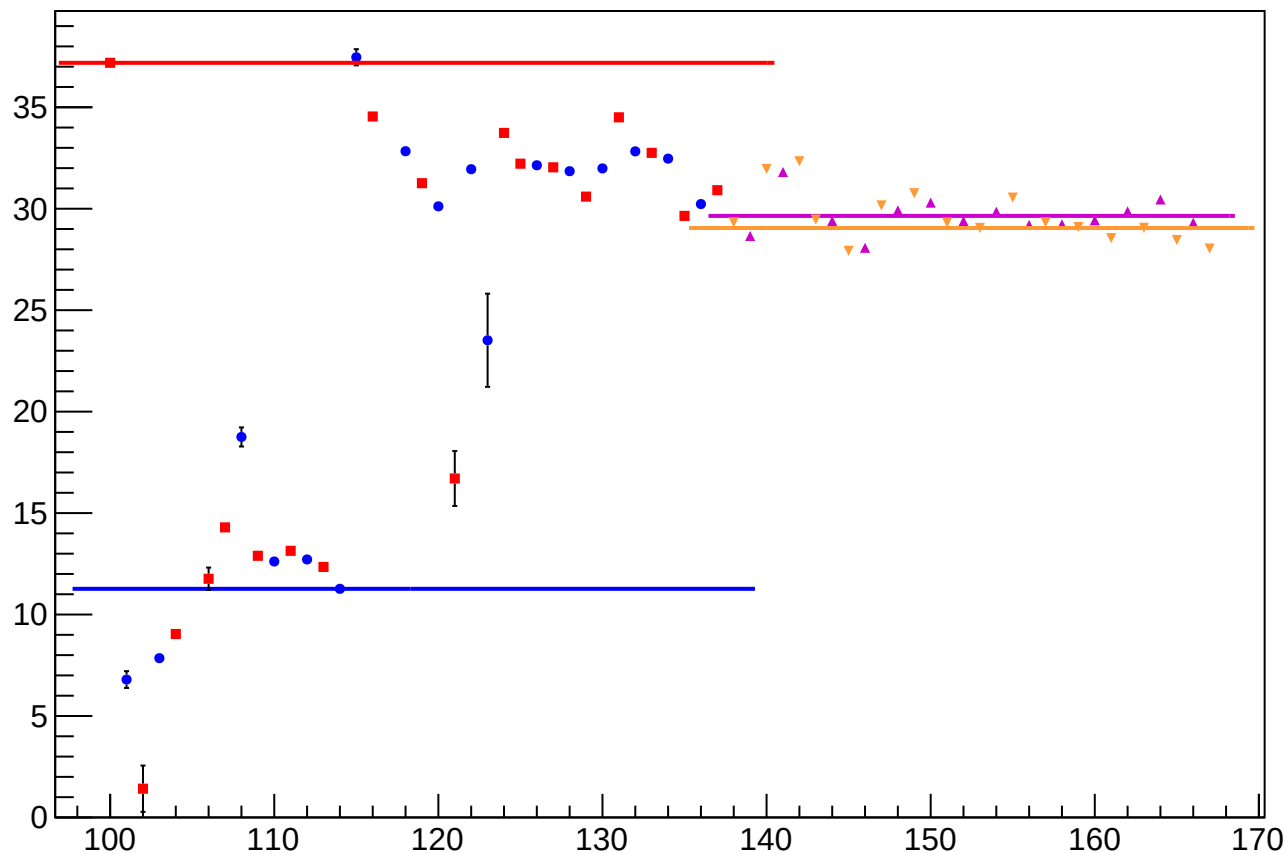
Left In: -6.854+/-0.003 χ^2/NDF : 5554.9/13

+ sign -2.320+/-0.000 χ^2/NDF : 2790322.1/32

All: -2.320+/-0.000 χ^2/NDF : 5253062.5/65

- sign -6.702+/-0.003 χ^2/NDF : 89374.1/32

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.049 $\pm$ 0.010 χ^2 /NDF:11090.1/15

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

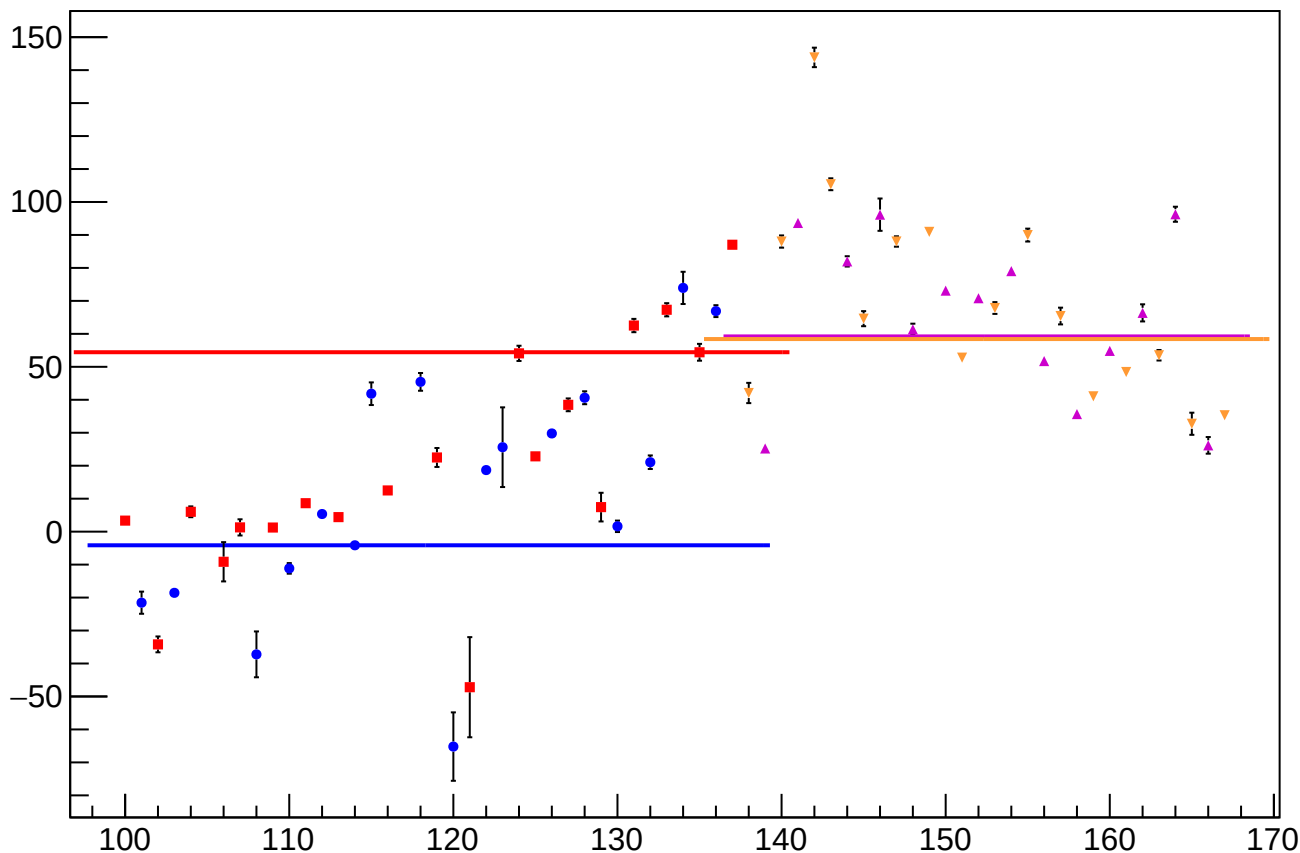
Left In: 29.646 $\pm$ 0.010 χ^2 /NDF:3233.2/13

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 4095887.9/32

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 0.000 χ^2 /NDF: 1682689.5/32

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 58.423 ± 0.371 χ^2/NDF : 4346.3/15

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

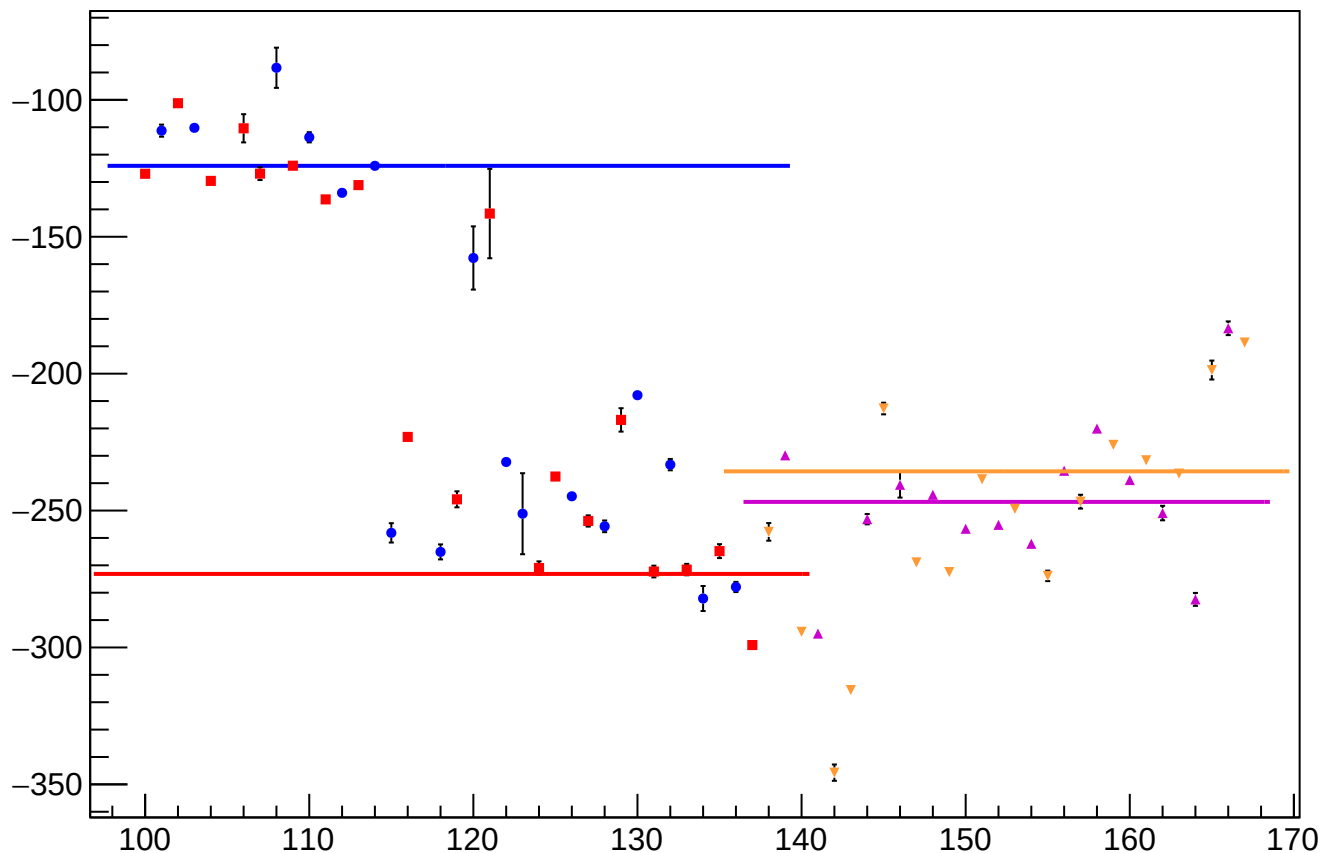
Left In: 59.221 ± 0.320 χ^2/NDF : 4860.6/13

+ sign -4.139 ± 0.000 χ^2/NDF : 37387.7/32

All: -4.139 ± 0.000 χ^2/NDF : 253938.2/65

- sign 55.486 ± 0.150 χ^2/NDF : 59034.6/32

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 $\chi^2/\text{NDF}: 38152.5/16$

Left Out: -235.673 ± 0.364 $\chi^2/\text{NDF}: 10407.6/15$

Right Out: -273.143 ± 0.113 $\chi^2/\text{NDF}: 280141.9/18$

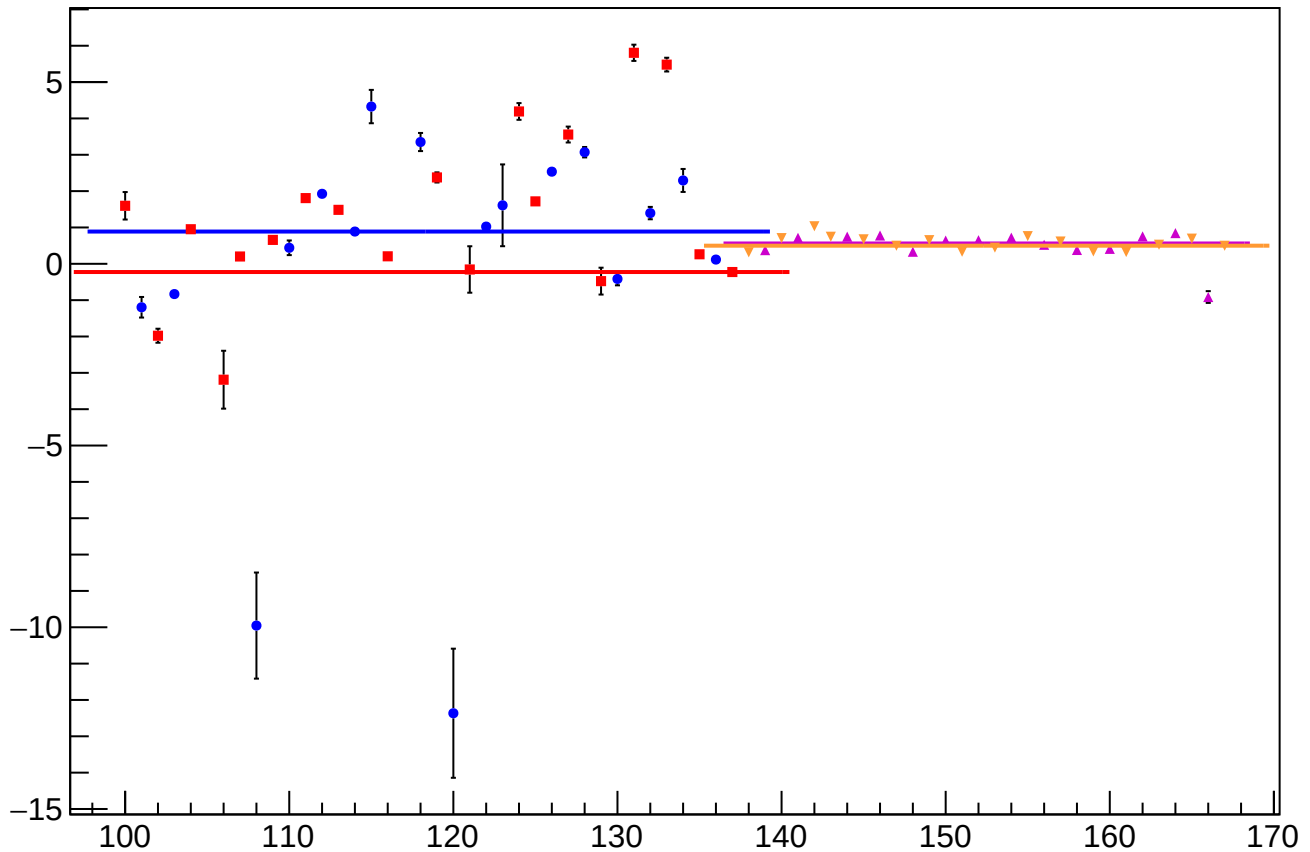
Left In: -246.836 ± 0.314 $\chi^2/\text{NDF}: 4092.7/13$

+ sign -124.095 ± 0.000 $\chi^2/\text{NDF}: 142456.8/32$

All: -124.095 ± 0.000 $\chi^2/\text{NDF}: 2327761.0/65$

- sign -270.144 ± 0.106 $\chi^2/\text{NDF}: 290445.1/32$

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 $\pm$ 0.000 χ^2 /NDF: 8672.0/16

Left Out: 0.499 $\pm$ 0.003 χ^2 /NDF: 3590.2/15

Right Out: -0.226 $\pm$ 0.000 χ^2 /NDF: 5031.1/18

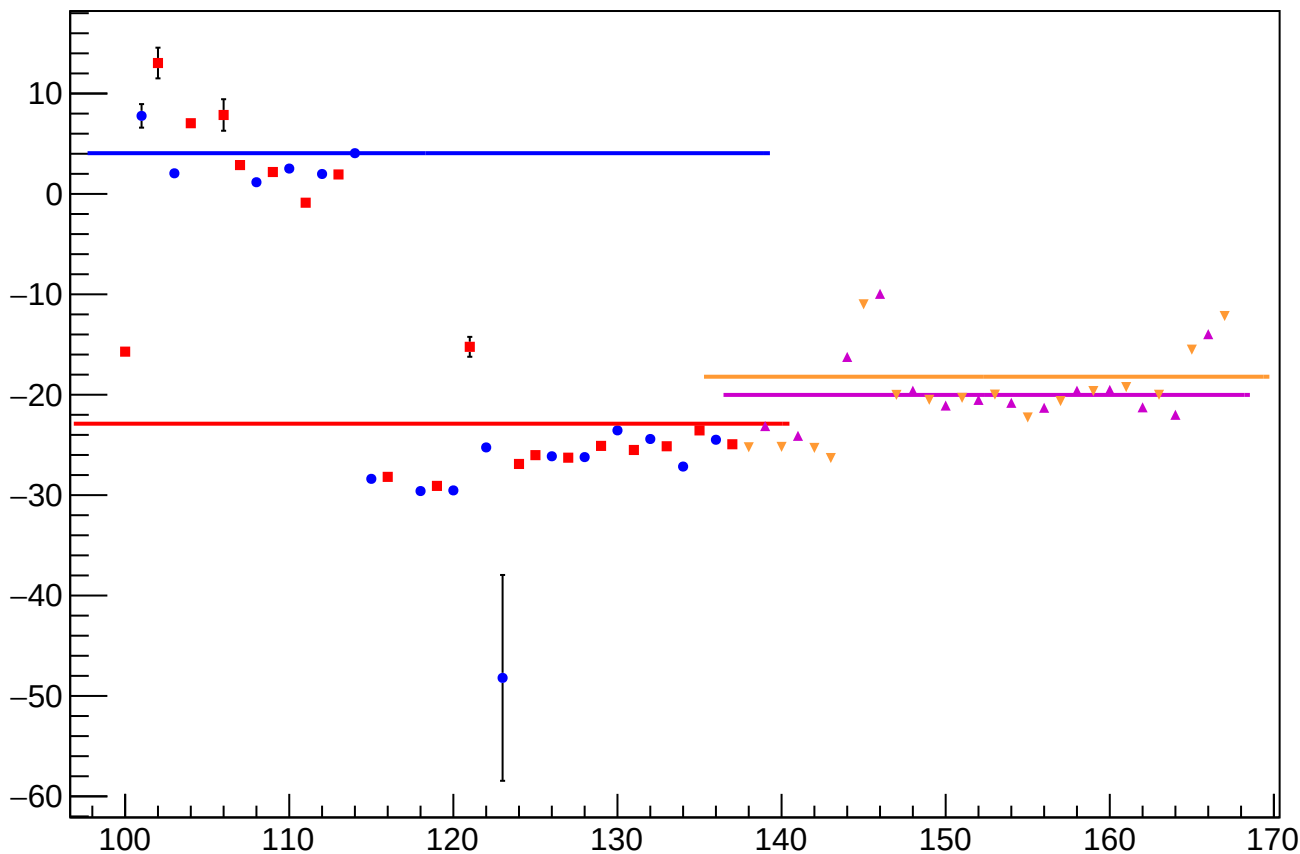
Left In: 0.559 $\pm$ 0.002 χ^2 /NDF: 4032.3/13

+ sign 0.888 $\pm$ 0.000 χ^2 /NDF: 32372.0/32

All: 0.888 $\pm$ 0.000 χ^2 /NDF: 422265704.4/65

- sign -0.226 $\pm$ 0.000 χ^2 /NDF: 108751.5/32

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -18.206+/-0.013 χ^2/NDF : 104062.1/15

Right Out: -22.885+/-0.026 χ^2/NDF : 116508.9/18

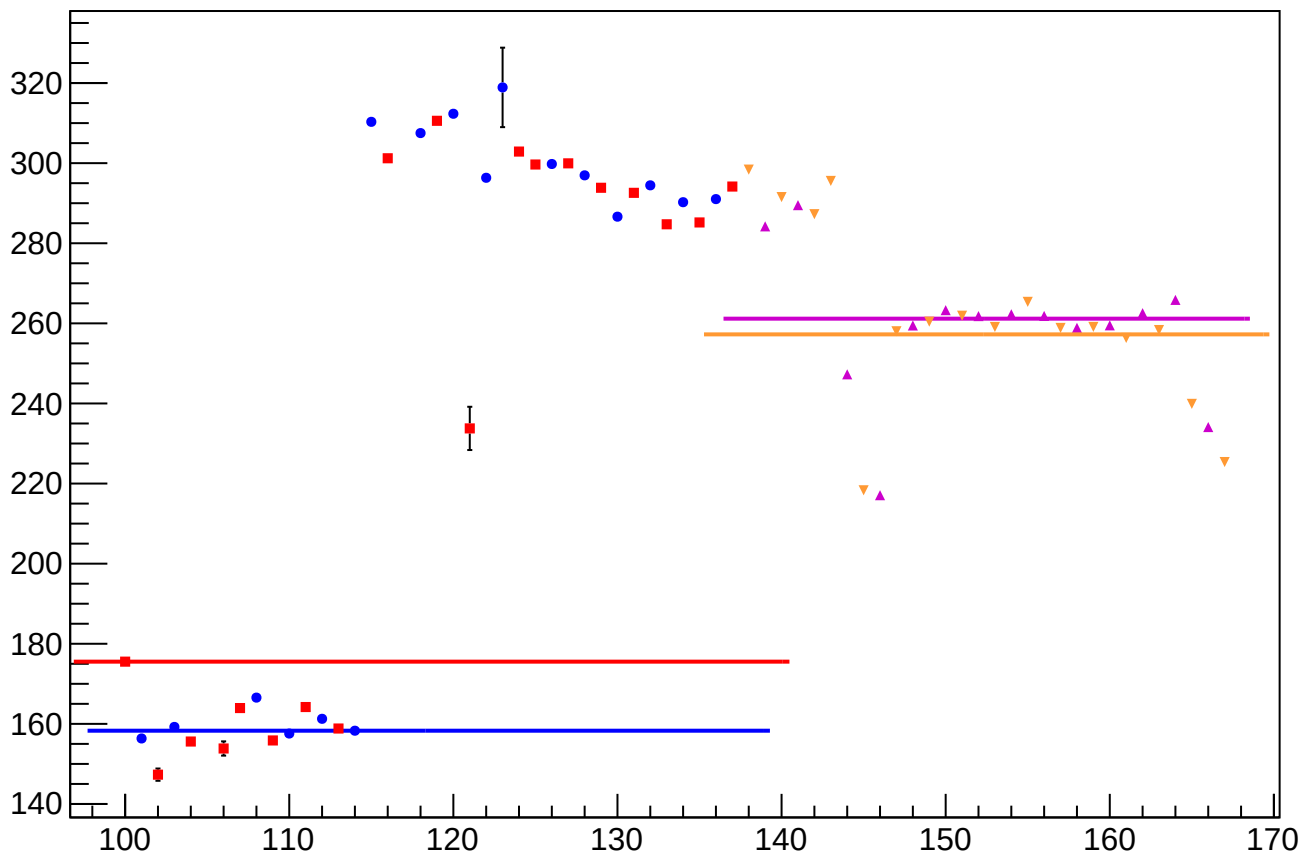
Left In: -20.018+/-0.012 χ^2/NDF : 21914.5/13

+ sign 4.057+/-0.000 χ^2/NDF : 4321873.5/32

All: 4.057+/-0.000 χ^2/NDF : 9683221.7/65

- sign -20.497+/-0.011 χ^2/NDF : 148307.2/32

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 257.249 $\pm$ 0.034 χ^2 /NDF: 361444.5/15

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2100196.2/18

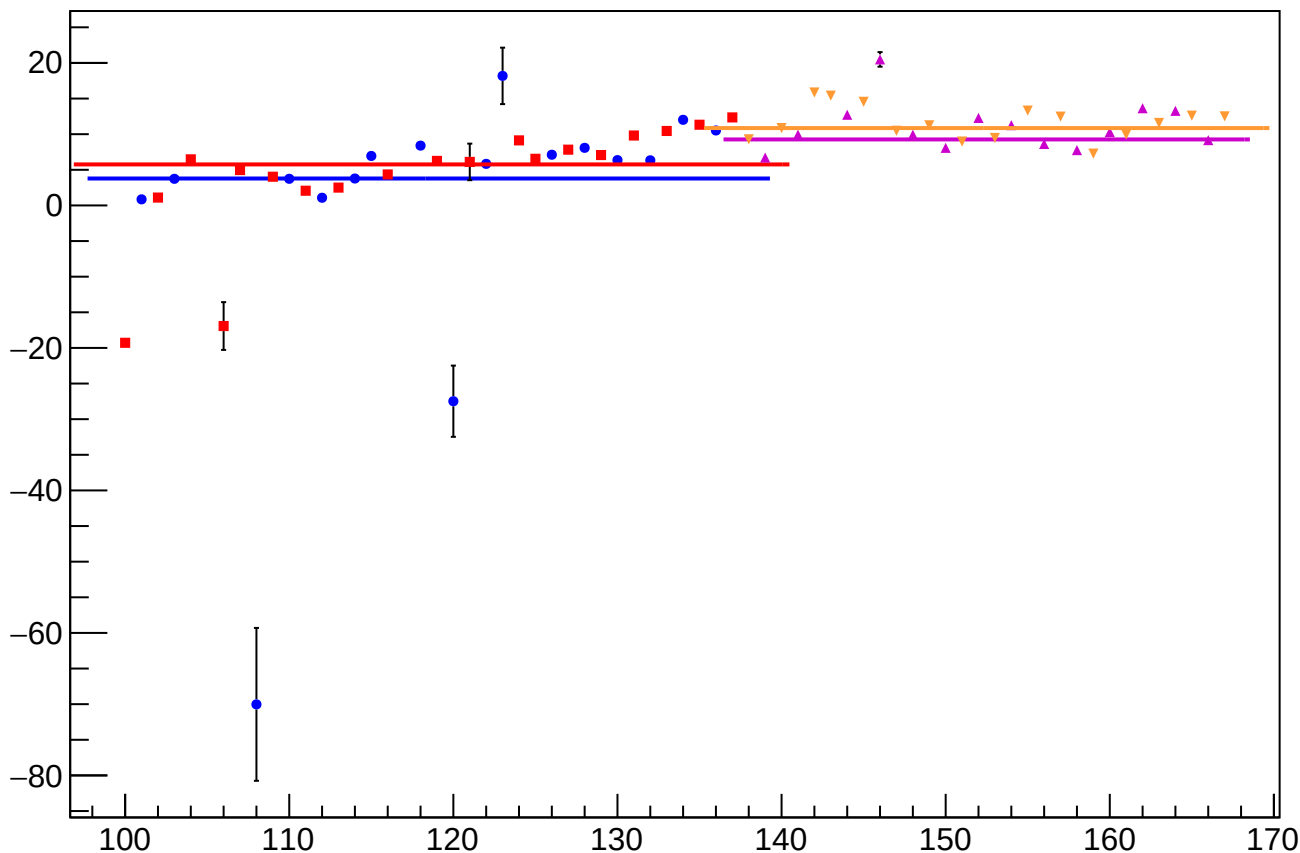
Left In: 261.171 $\pm$ 0.033 χ^2 /NDF: 48264.1/13

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 11136406.0/32

All: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225

- sign 175.536 $\pm$ 0.000 χ^2 /NDF: 8953283.9/32

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.858 ± 0.035 χ^2/NDF : 2305.9/15

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

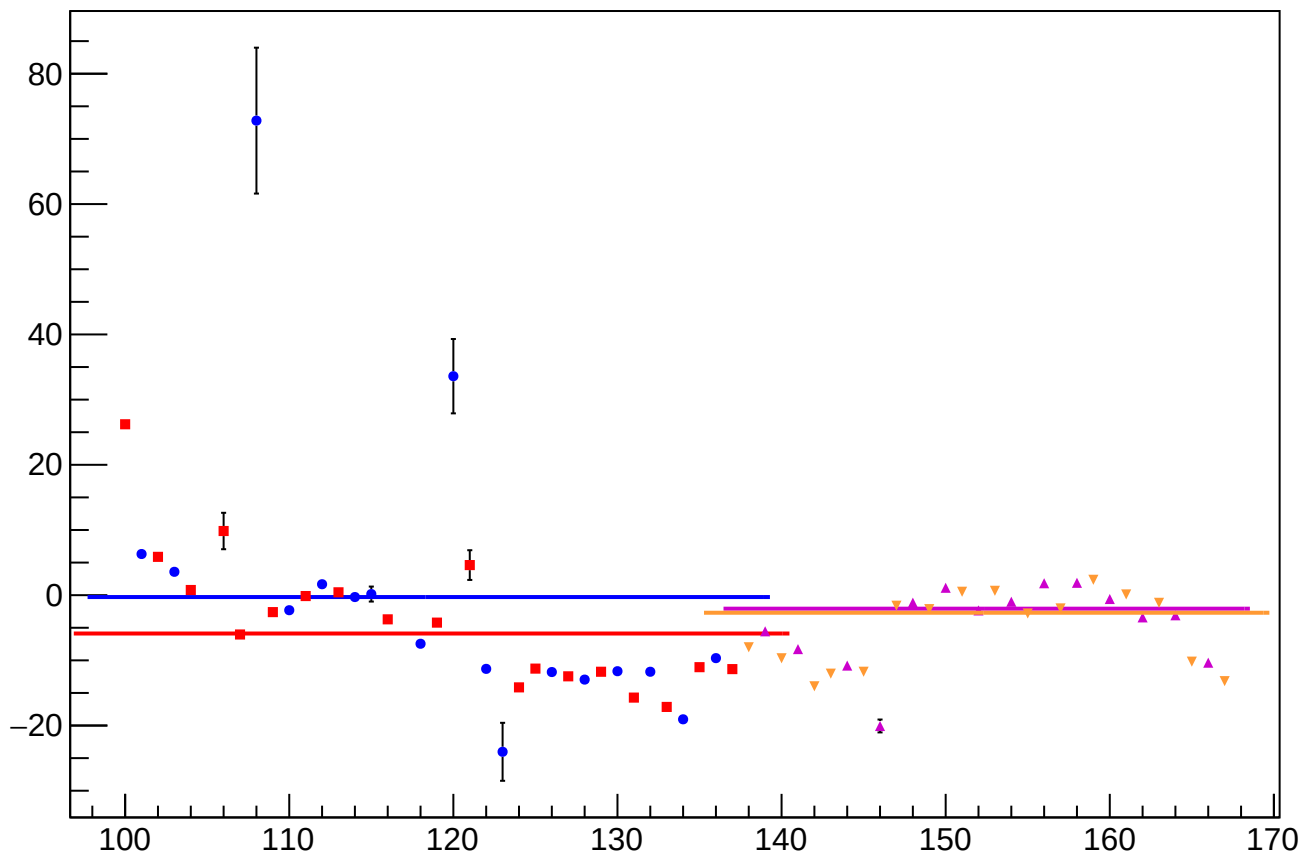
Left In: 9.263 ± 0.034 χ^2/NDF : 3027.0/13

+ sign 3.778 ± 0.000 χ^2/NDF : 50444.3/32

All: 3.778 ± 0.000 χ^2/NDF : 107235.0/65

- sign 7.021 ± 0.021 χ^2/NDF : 32005.1/32

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -2.695 ± 0.035 χ^2/NDF : 14737.9/15

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

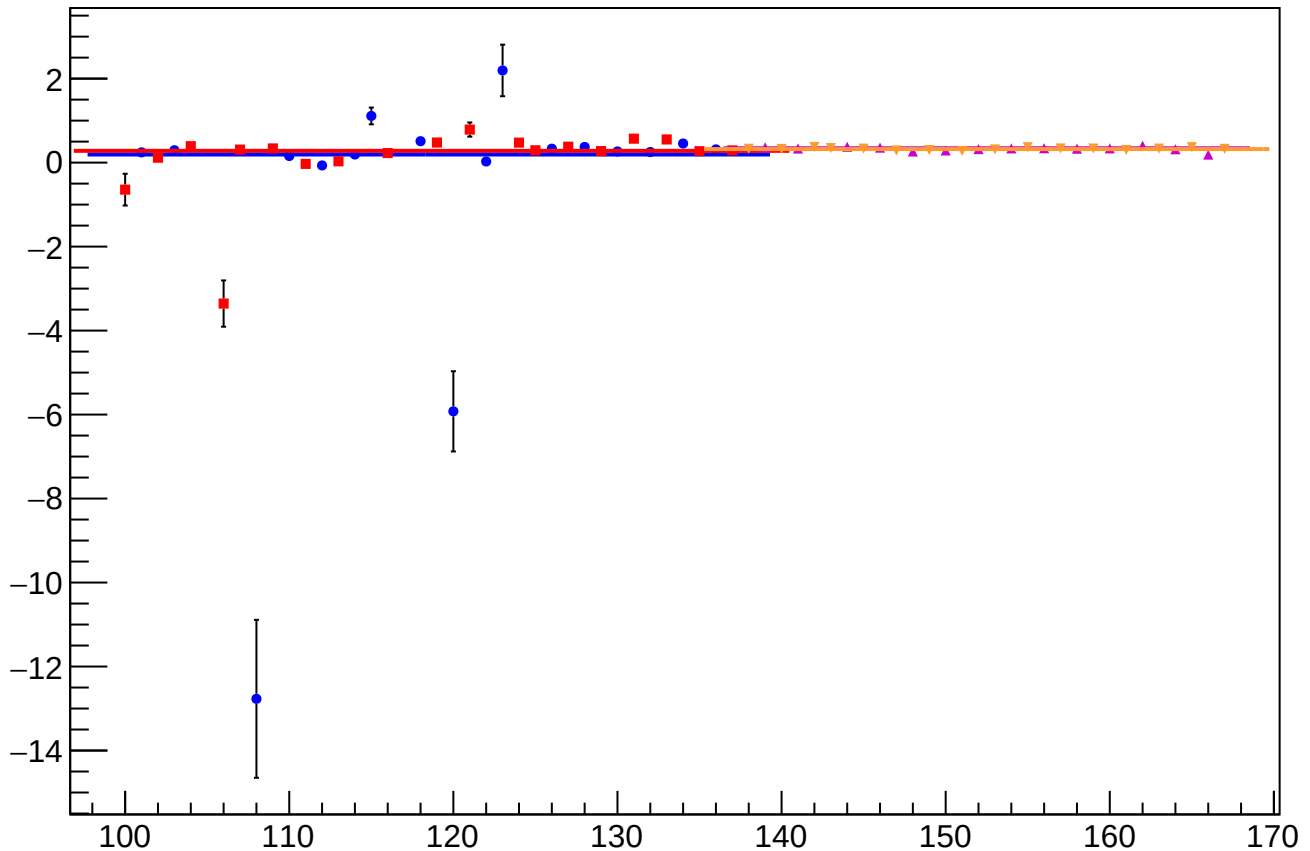
Left In: -2.072 ± 0.035 χ^2/NDF : 12275.6/13

+ sign -0.287 ± 0.000 χ^2/NDF : 63843.4/32

All: -0.287 ± 0.000 χ^2/NDF : 184579.7/65

- sign -4.422 ± 0.021 χ^2/NDF : 83285.1/32

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 ± 0.000 χ^2/NDF : 10027.5/16

Left Out: 0.322 ± 0.001 χ^2/NDF : 1426.5/15

Right Out: 0.280 ± 0.001 χ^2/NDF : 6059.0/18

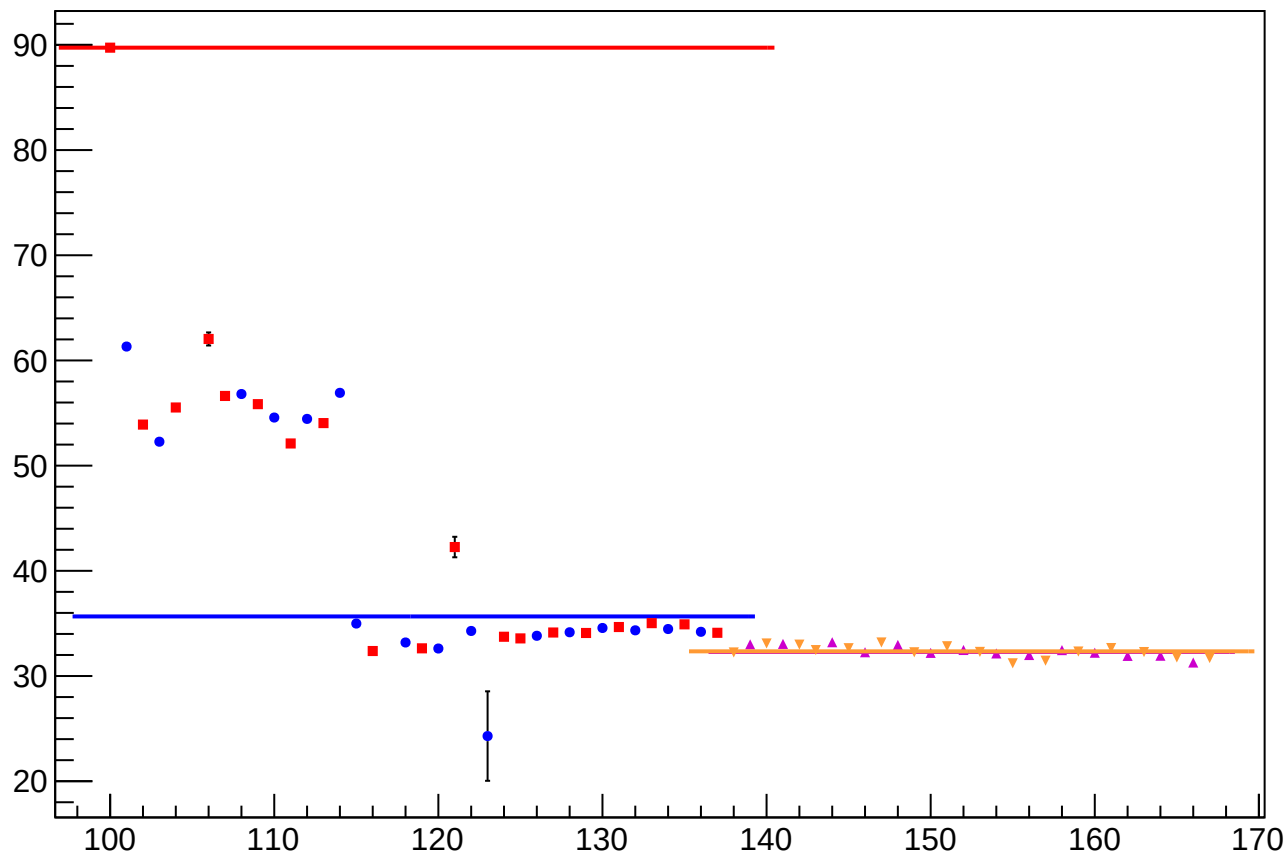
Left In: 0.341 ± 0.001 χ^2/NDF : 3023.0/13

+ sign 0.193 ± 0.000 χ^2/NDF : 54449.5/32

All: 0.193 ± 0.000 χ^2/NDF : 118362.9/65

- sign 0.331 ± 0.001 χ^2/NDF : 10493.1/32

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.345 $\pm$ 0.004 χ^2 /NDF: 5298.9/15

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

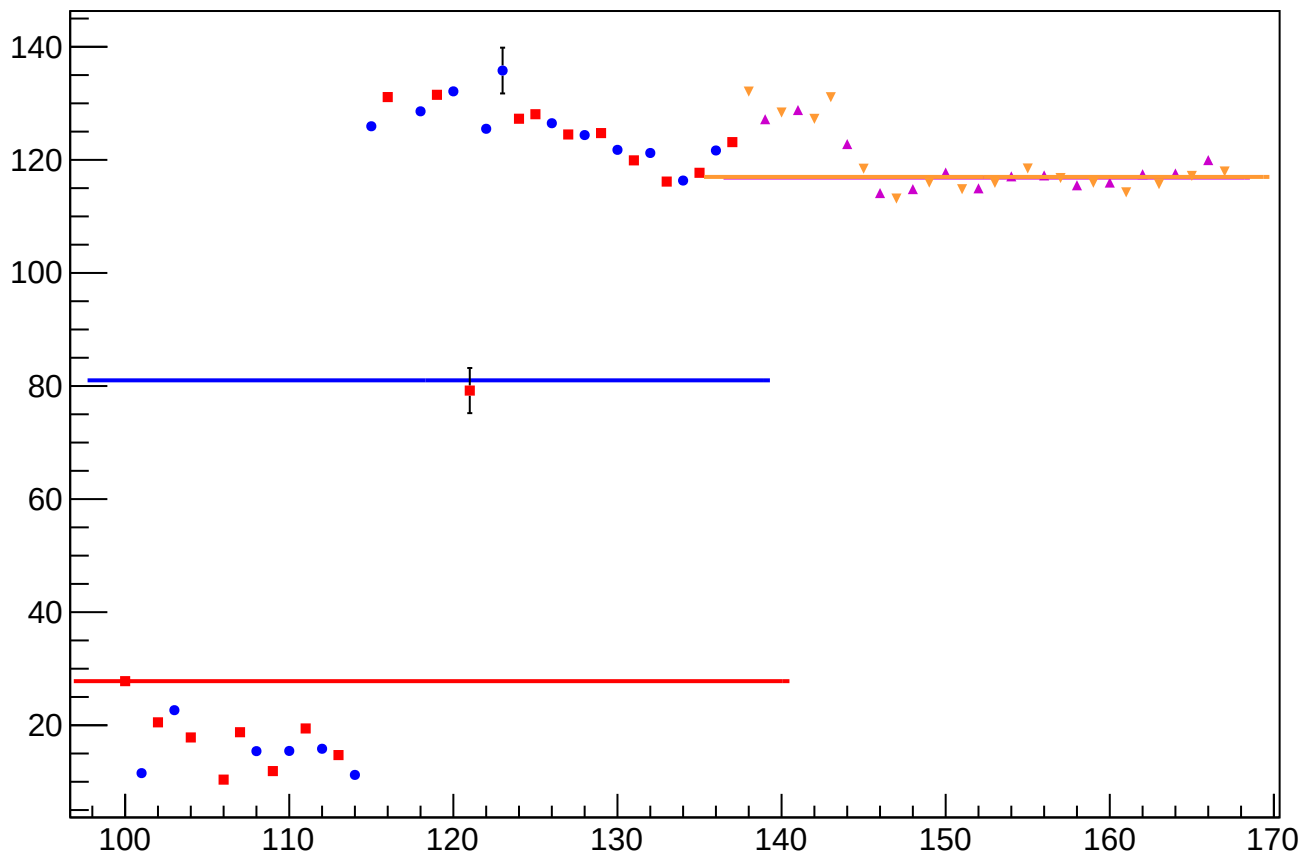
Left In: 32.285 $\pm$ 0.004 χ^2 /NDF: 6372.3/13

+ sign 32.741 $\pm$ 0.004 χ^2 /NDF: 299058.1/32

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 447169239.6/65

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 235701418.8/32

dit_sam5_4eY_slope vs Slug



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 116.987 $\pm$ 0.010 χ^2 /NDF: 139035.2/15

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9183707.8/18

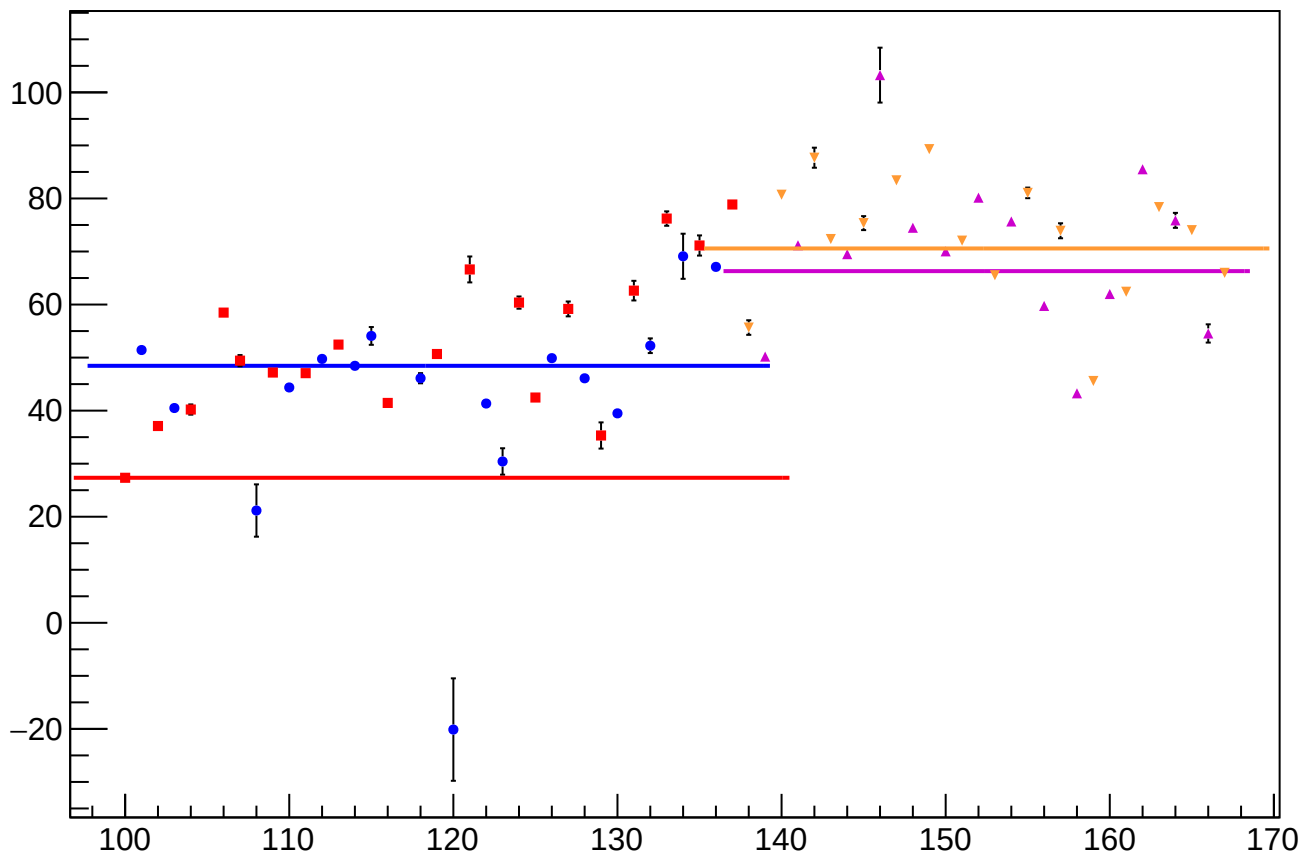
Left In: 116.874 $\pm$ 0.010 χ^2 /NDF: 41840.6/13

+ sign 114.423 $\pm$ 0.009 χ^2 /NDF: 3376263.7/32

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 188716367.9/65

- sign 27.798 $\pm$ 0.000 χ^2 /NDF: 97033700.7/32

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF : 2751.4/16

Left Out: 70.574+/-0.189 χ^2/NDF : 4037.2/15

Right Out: 27.342+/-0.000 χ^2/NDF : 25810.4/18

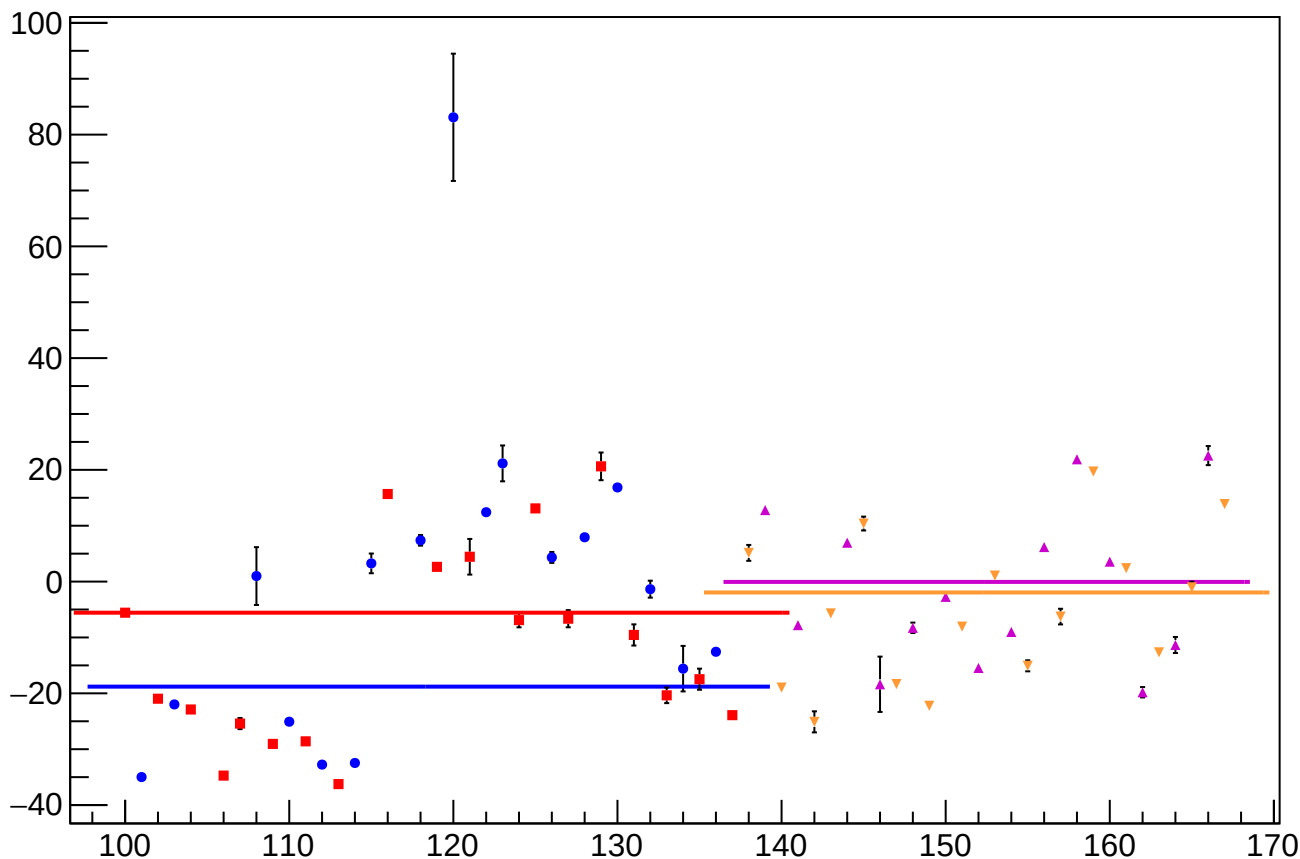
Left In: 66.301+/-0.175 χ^2/NDF : 4332.0/13

+ sign 48.450+/-0.000 χ^2/NDF : 20471.1/32

All: 28.365+/-0.000 χ^2/NDF : 102629010488

- sign 27.342+/-0.000 χ^2/NDF : 79597.1/32

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: -1.947 ± 0.188 χ^2/NDF : 5770.8/15

Right Out: -5.568 ± 0.000 χ^2/NDF : 23097.3/18

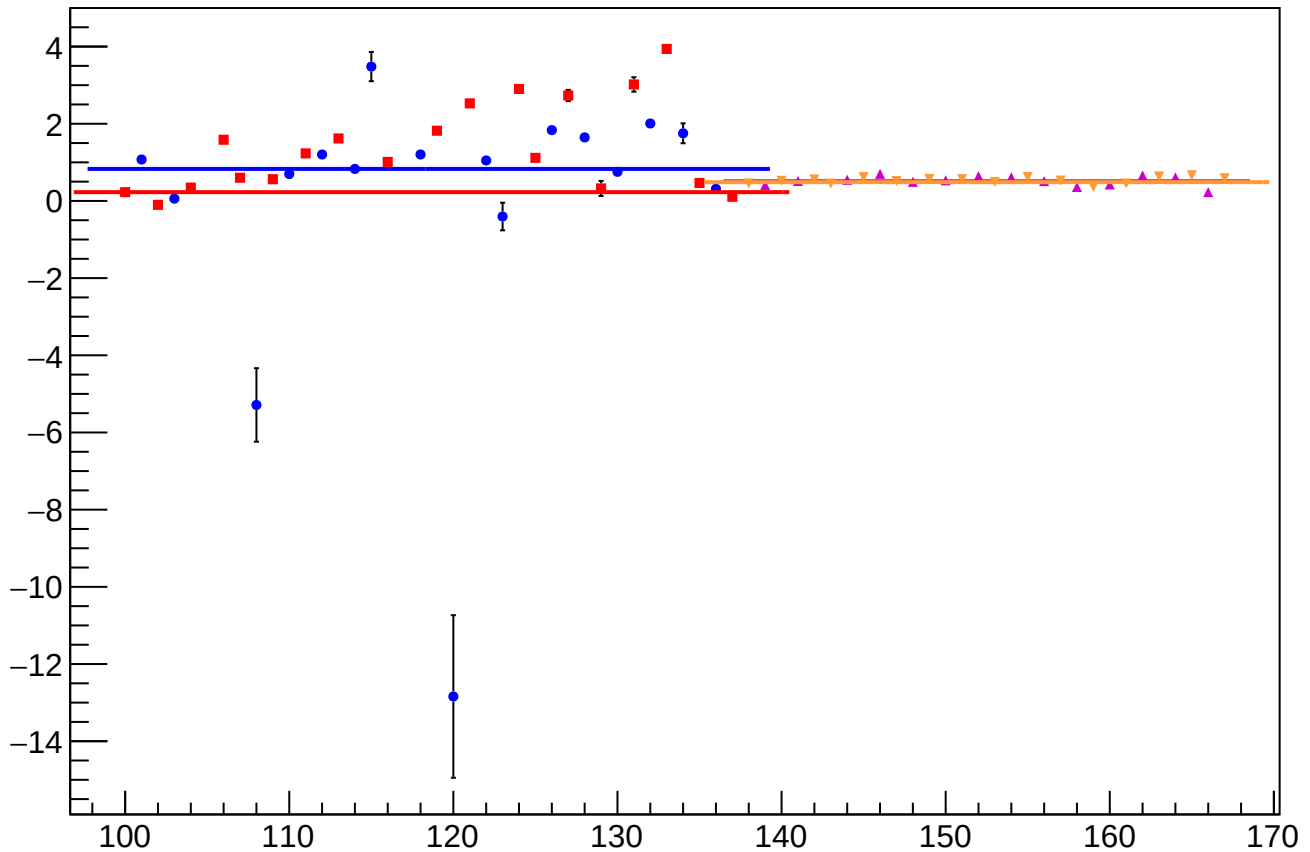
Left In: -0.056 ± 0.173 χ^2/NDF : 4107.0/13

+ sign -12.316 ± 0.116 χ^2/NDF : 22495.1/32

All: -5.568 ± 0.000 χ^2/NDF : 54077.5/65

- sign -5.568 ± 0.000 χ^2/NDF : 28223.4/32

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.487 ± 0.001 χ^2/NDF : 6311.8/15

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

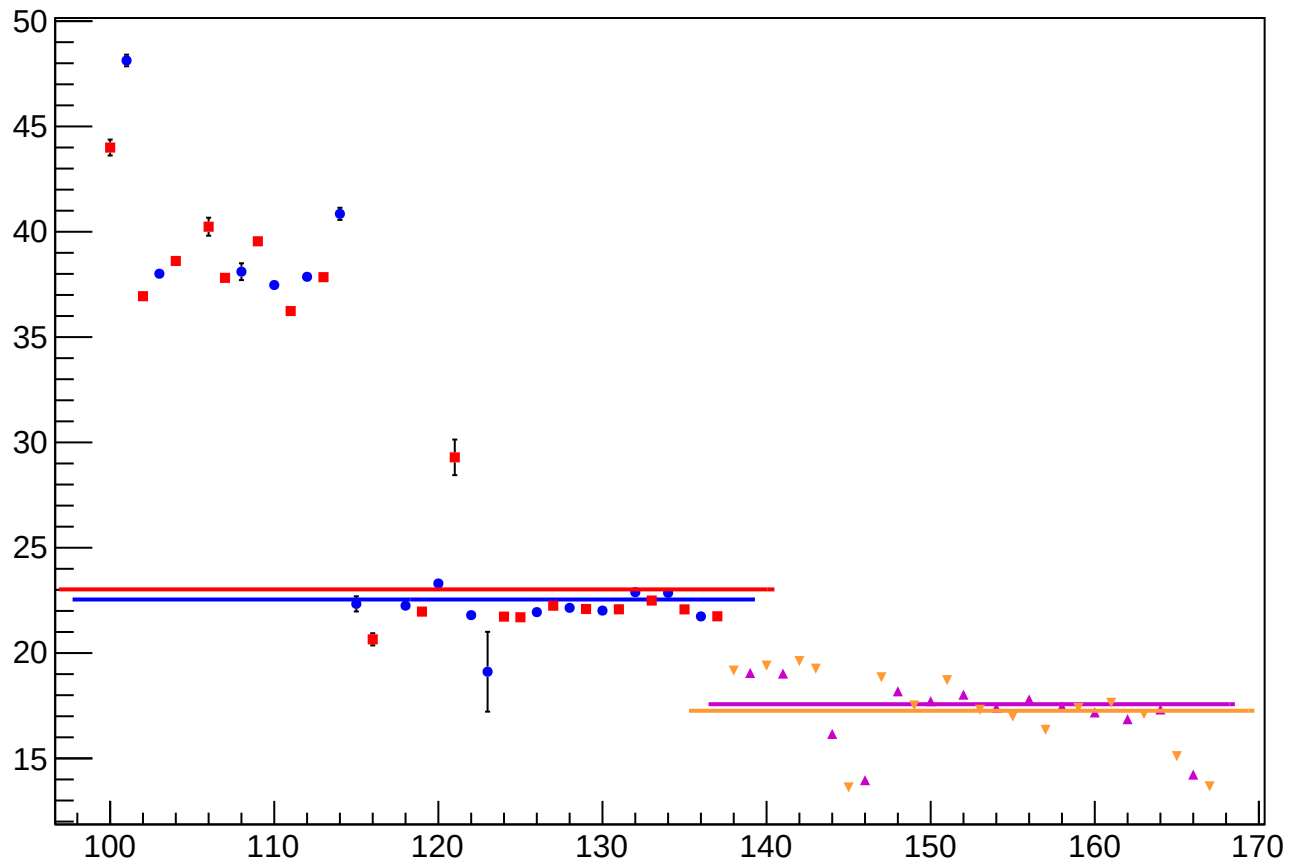
Left In: 0.510 ± 0.001 χ^2/NDF : 7721.7/13

+ sign 0.830 ± 0.000 χ^2/NDF : 101195.1/32

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 73707.3/32

dit_sam6_4aY_slope vs Slug



Right In: 22.543 ± 0.009 χ^2/NDF : 105452.8/16

Left Out: 17.261 ± 0.006 χ^2/NDF : 102264.5/15

Right Out: 23.023 ± 0.009 χ^2/NDF : 165838.0/18

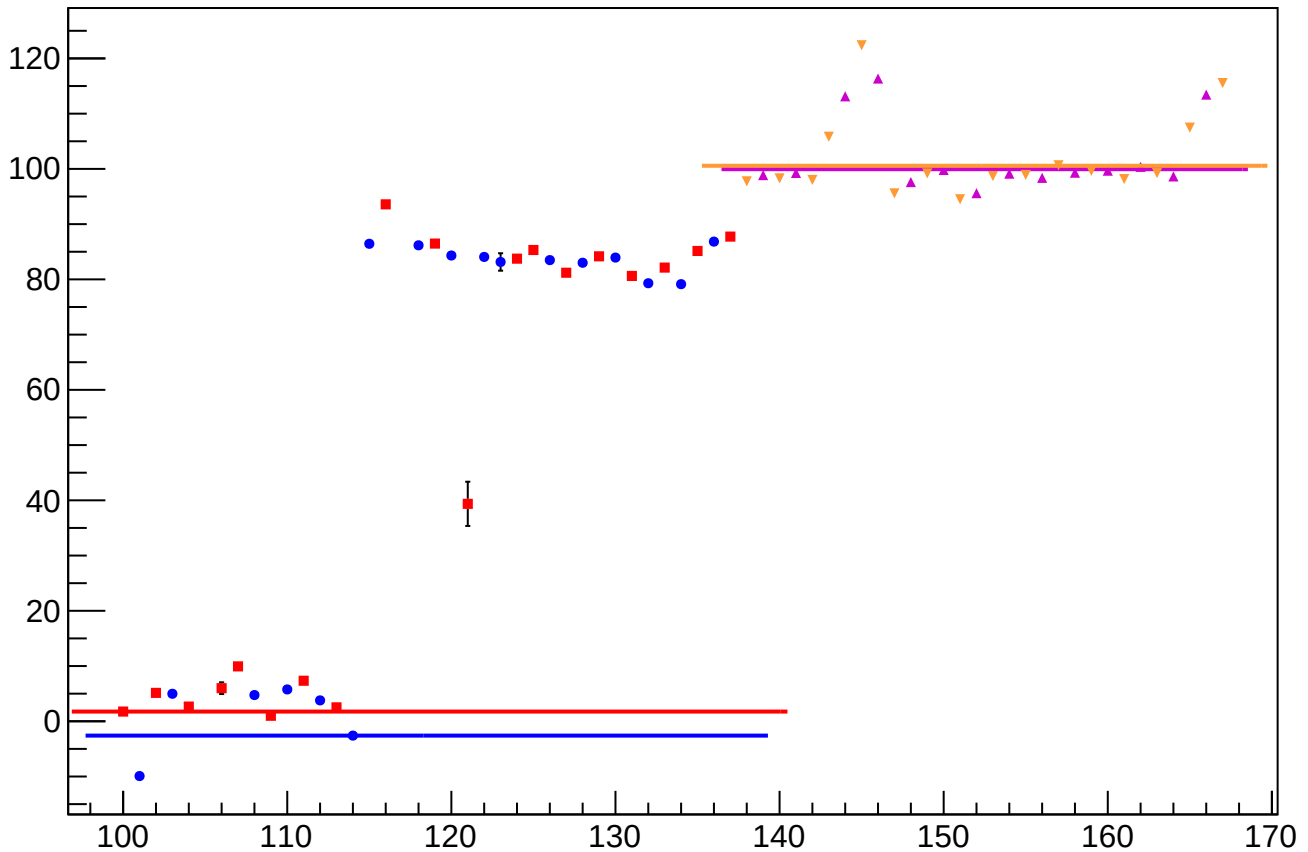
Left In: 17.571 ± 0.007 χ^2/NDF : 23804.7/13

+ sign 18.687 ± 0.005 χ^2/NDF : 442721.0/32

All: 19.061 ± 0.004 χ^2/NDF : 878413.2/65

- sign 19.532 ± 0.005 χ^2/NDF : 422158.4/32

dit_sam6_4eY_slope vs Slug



Right In: -2.596 ± 0.000 χ^2/NDF : 7395182.7/16

Left Out: 100.568 ± 0.012 χ^2/NDF : 211395.3/15

Right Out: 1.758 ± 0.000 χ^2/NDF : 4230949.4/18

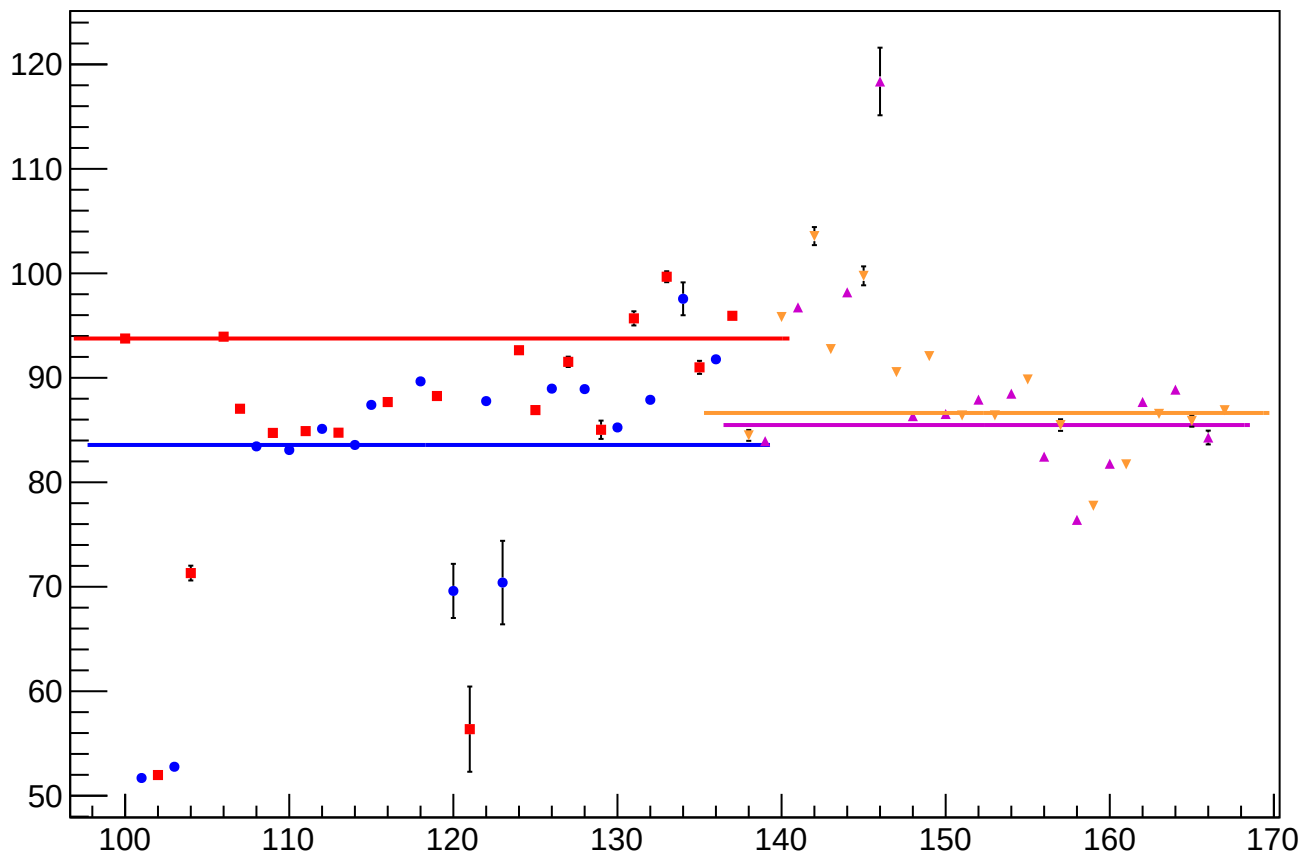
Left In: 99.947 ± 0.012 χ^2/NDF : 122248.7/13

+ sign -2.596 ± 0.000 χ^2/NDF : 76783273.0/32

All: -1.059 ± 0.000 χ^2/NDF : 3731791751577

- sign 1.758 ± 0.000 χ^2/NDF : 67066925.4/32

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2 /NDF: 49468.0/16

Left Out: 86.636+/-0.075 χ^2 /NDF:5594.0/15

Right Out: 93.762+/-0.000 χ^2 /NDF: 82848.8/18

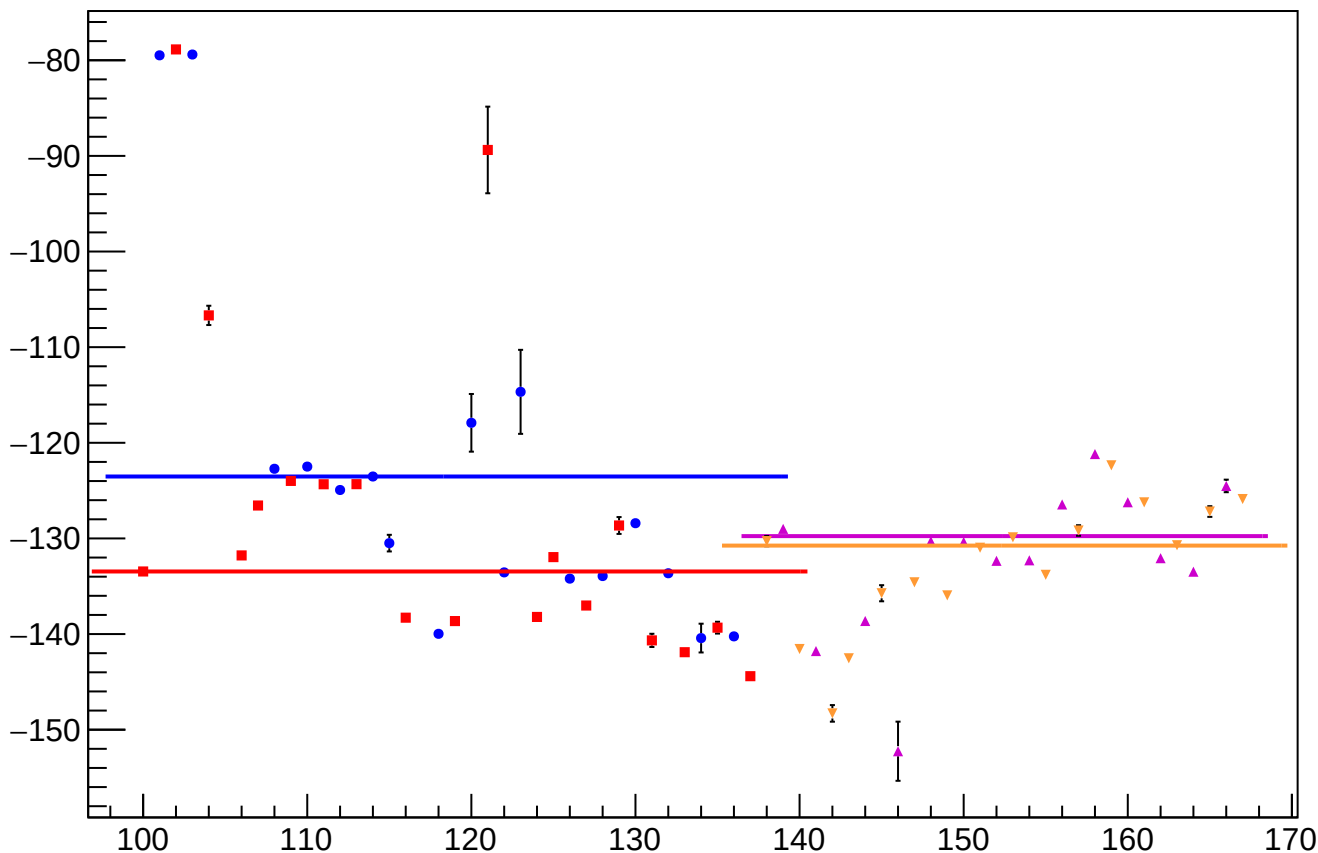
Left In: 85.481+/-0.064 χ^2 /NDF:6015.4/13

+ sign 83.573+/-0.000 χ^2 /NDF: 56726.6/32

All: 87.169+/-0.000 χ^2 /NDF: 1995684404141

- sign 93.762+/-0.000 χ^2 /NDF: 105581.8/32

dit_sam7_4eX_slope vs Slug



Right In: -123.524 ± 0.000 $\chi^2/\text{NDF}: 160356.5/16$

Left Out: -130.749 ± 0.074 $\chi^2/\text{NDF}: 7800.5/15$

Right Out: -133.456 ± 0.000 $\chi^2/\text{NDF}: 394896.3/18$

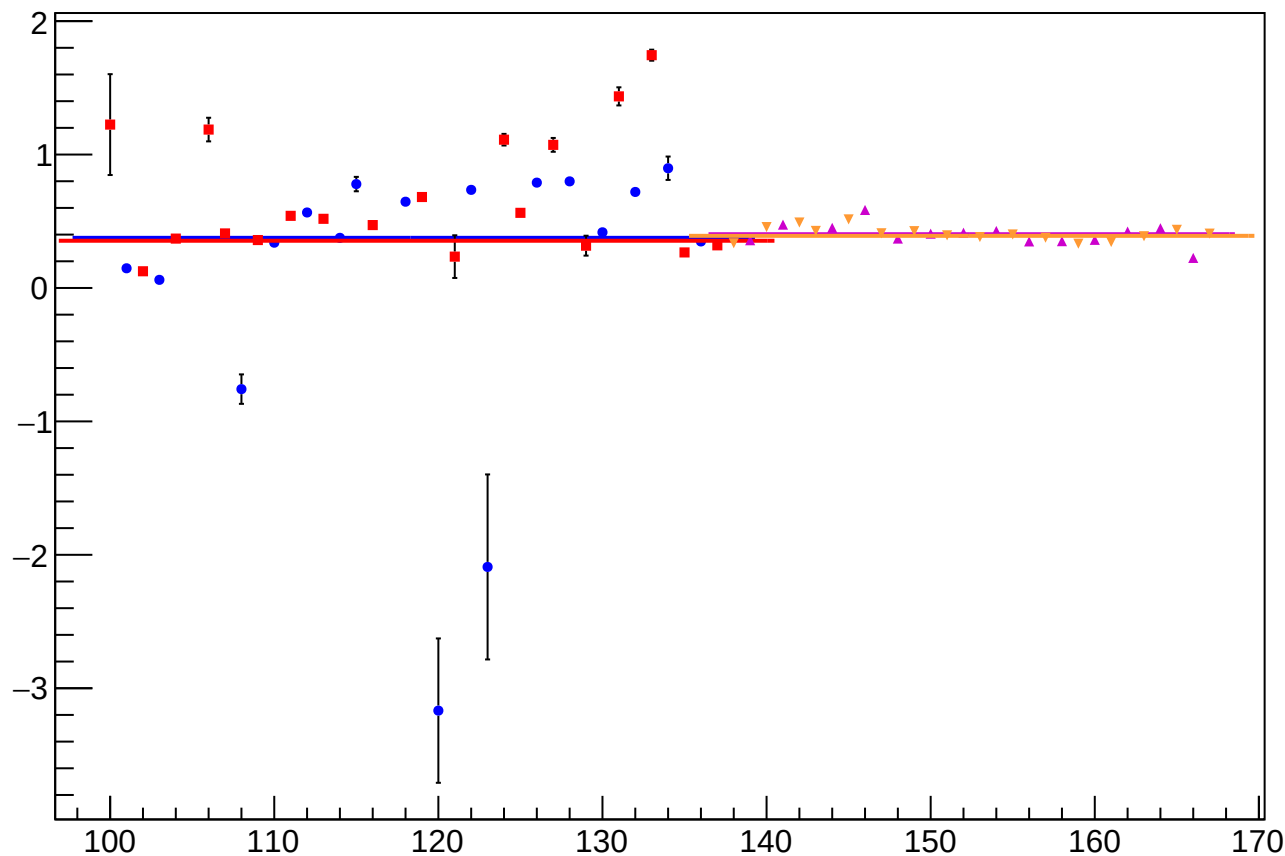
Left In: -129.758 ± 0.063 $\chi^2/\text{NDF}: 5274.9/13$

+ sign -123.524 ± 0.000 $\chi^2/\text{NDF}: 177597.6/32$

All: -124.716 ± 0.000 $\chi^2/\text{NDF}: 64467869901$

- sign -133.456 ± 0.000 $\chi^2/\text{NDF}: 403627.1/32$

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.391 $\pm$ 0.001 χ^2 /NDF: 4722.6/15

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

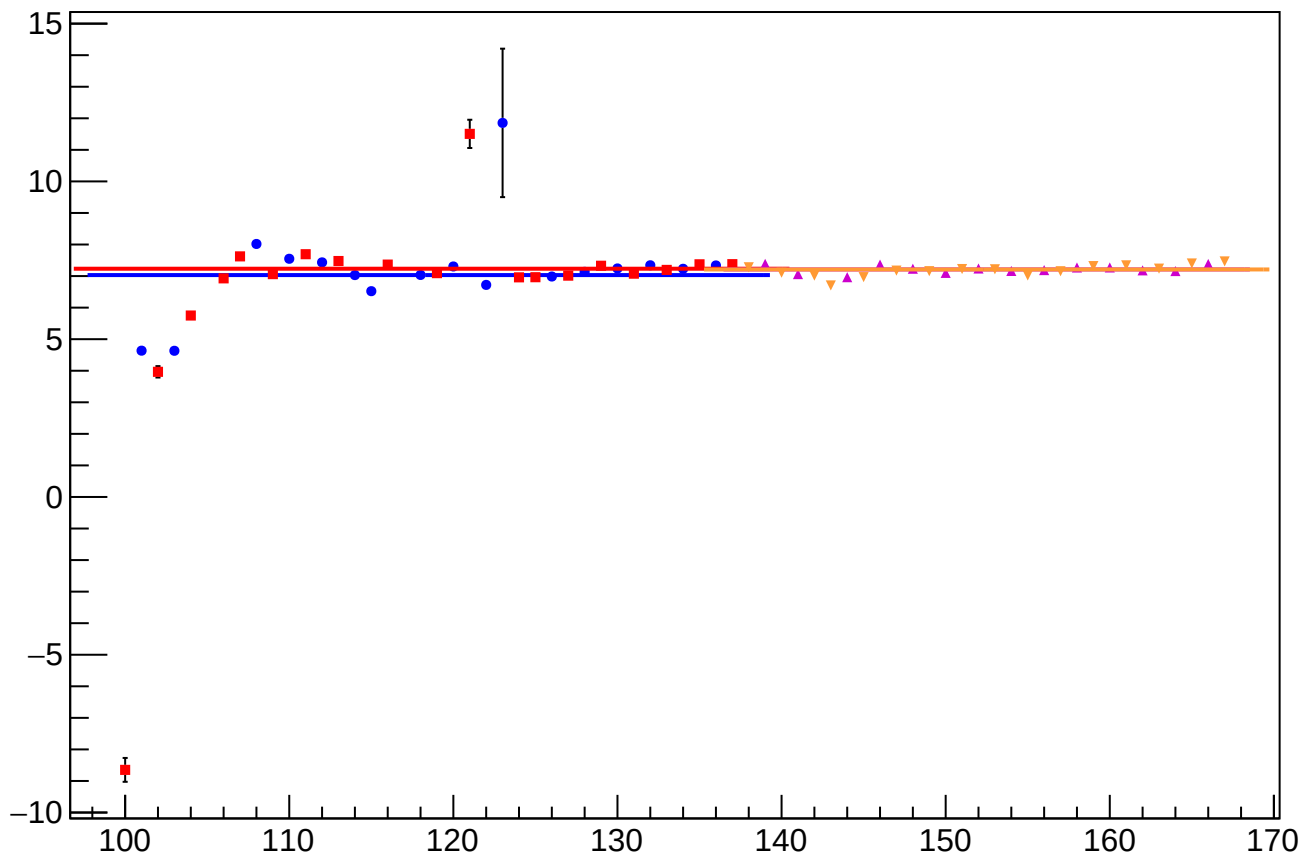
Left In: 0.403 $\pm$ 0.001 χ^2 /NDF: 6147.7/13

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 9356.6/32

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 23032.2/65

- sign 0.398 $\pm$ 0.000 χ^2 /NDF: 11674.1/32

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.210 $\pm$ 0.001 χ^2 /NDF: 26527.0/15

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

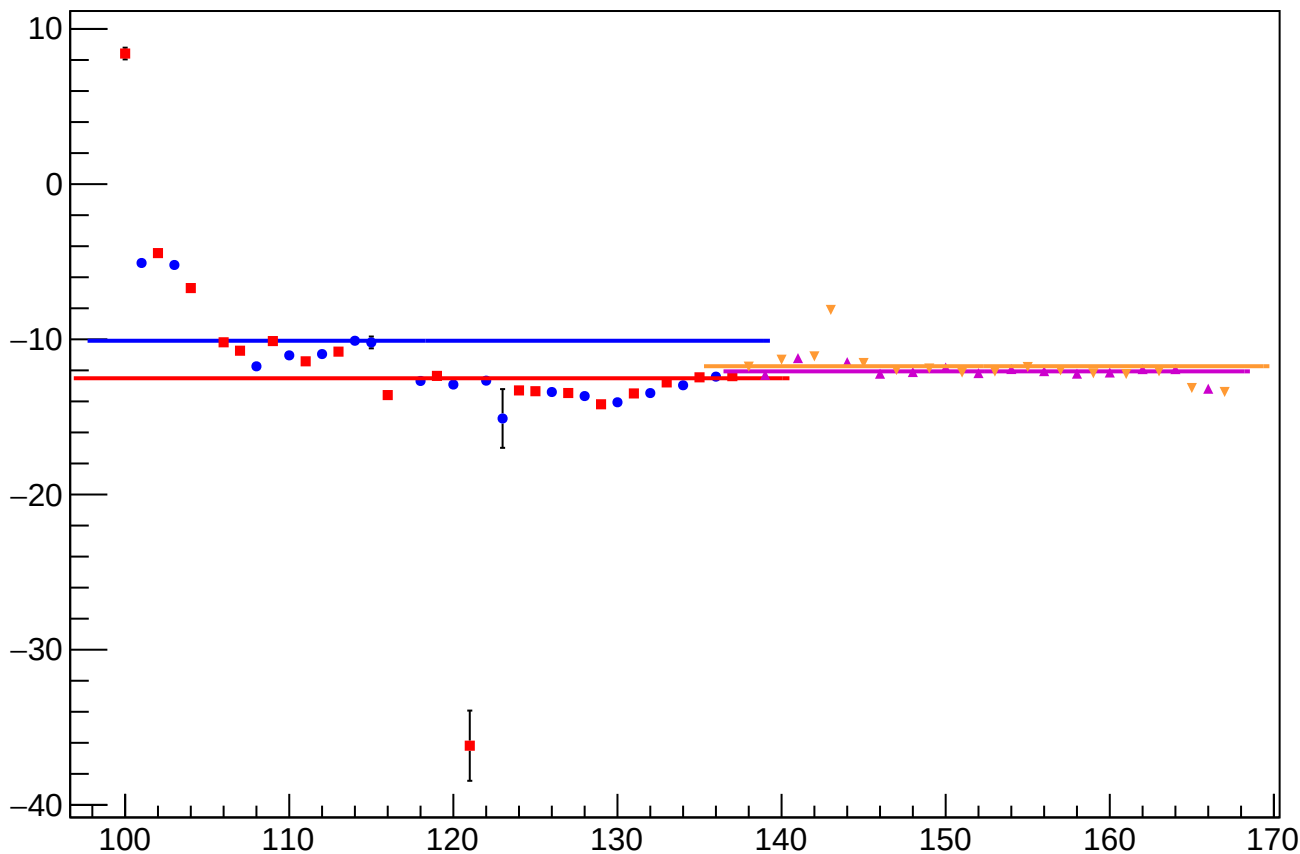
Left In: 7.210 $\pm$ 0.001 χ^2 /NDF: 10252.3/13

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 78787.1/32

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 141256.1/65

- sign 7.213 $\pm$ 0.001 χ^2 /NDF: 20393.3/32

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.733 ± 0.002 χ^2/NDF : 438986.8/15

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

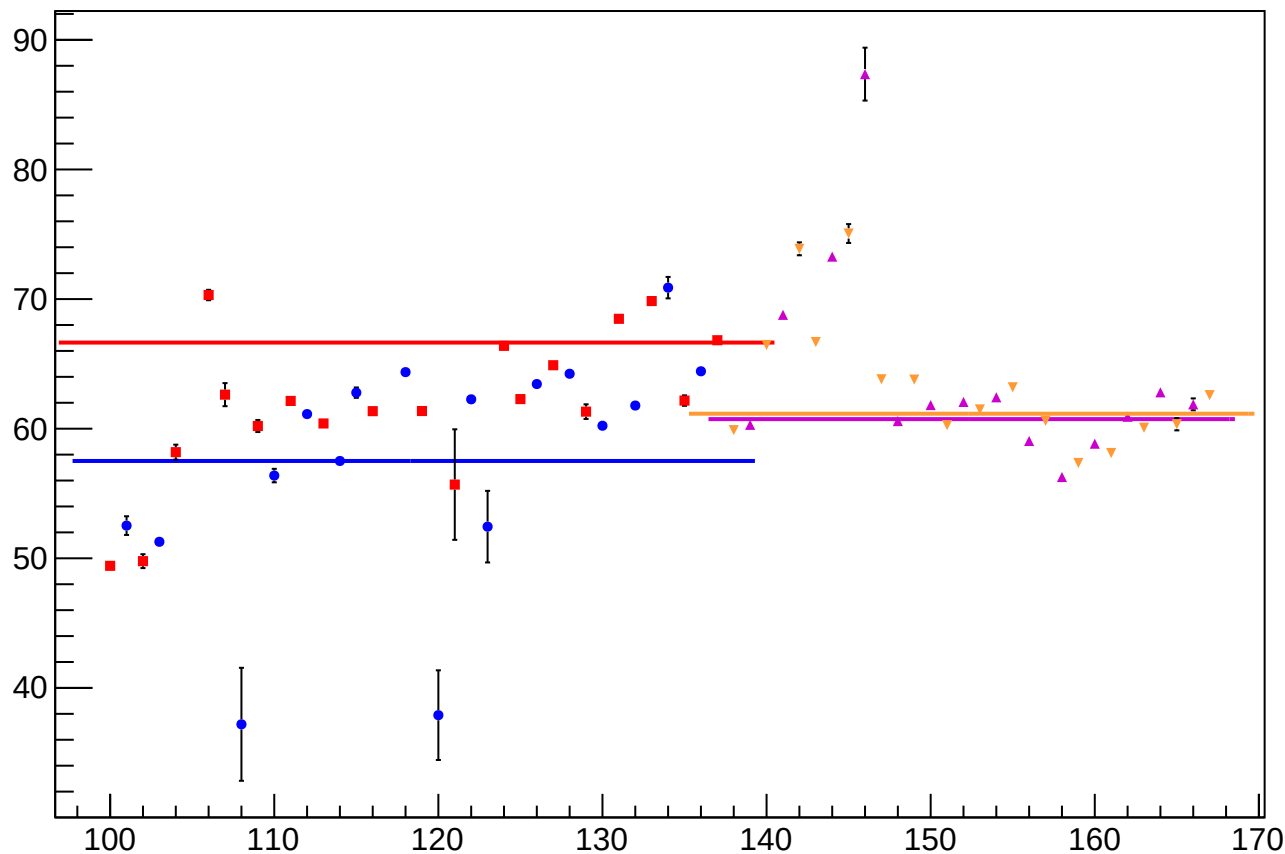
Left In: -12.064 ± 0.002 χ^2/NDF : 17058.3/13

+ sign -10.092 ± 0.000 χ^2/NDF : 1752685.6/32

All: -10.092 ± 0.000 χ^2/NDF : 3412075.4/65

- sign -12.152 ± 0.002 χ^2/NDF : 131834.6/32

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 χ^2 /NDF: 8108.6/16

Left Out: 61.156 ± 0.045 χ^2 /NDF: 5234.0/15

Right Out: 66.645 ± 0.013 χ^2 /NDF: 8163.8/18

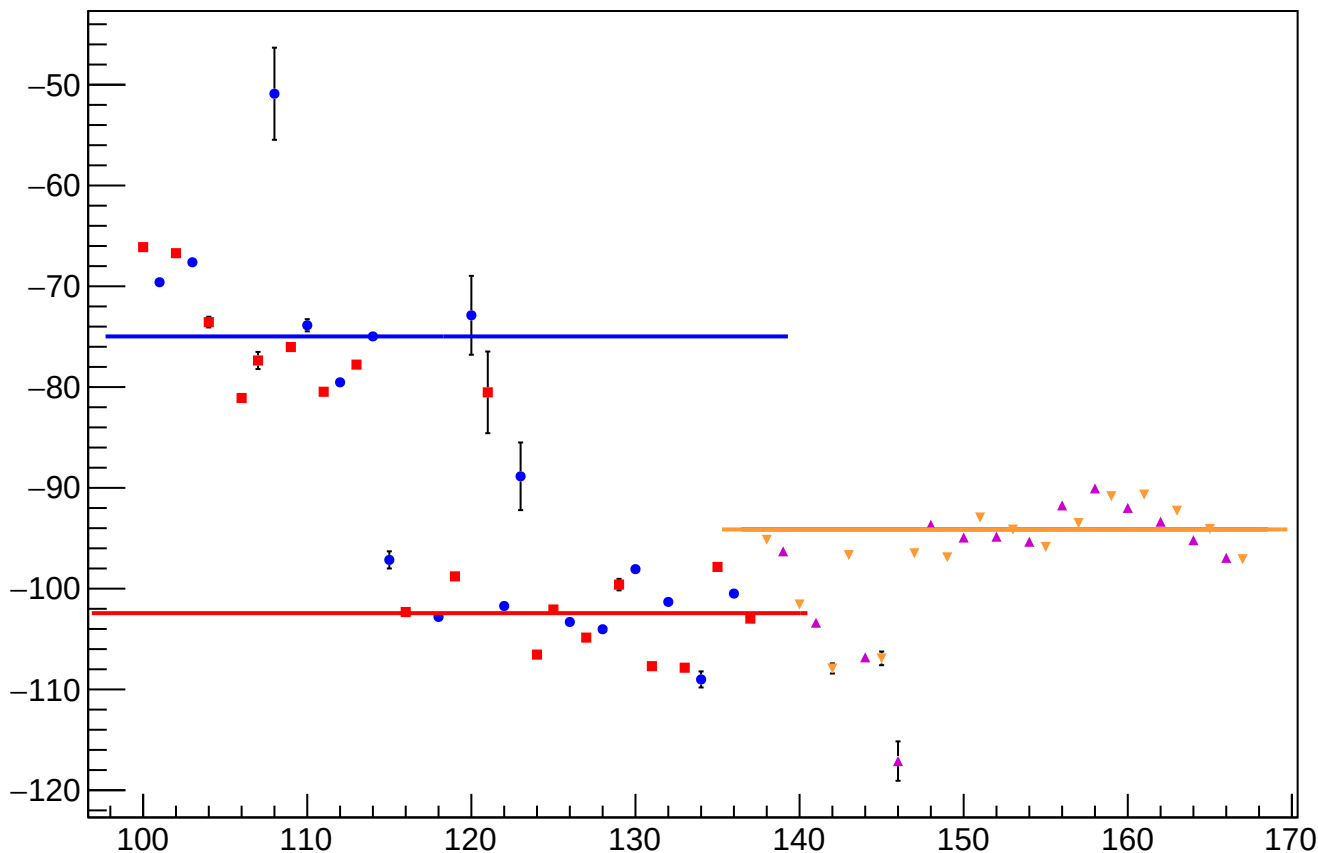
Left In: 60.740 ± 0.037 χ^2 /NDF: 5660.0/13

+ sign 57.510 ± 0.000 χ^2 /NDF: 19954.3/32

All: 57.510 ± 0.000 χ^2 /NDF: 529391.3/65

- sign 66.002 ± 0.012 χ^2 /NDF: 36011.7/32

dit_sam8_4eX_slope vs Slug



Right In: -74.974 $\pm$ 0.000 χ^2 /NDF: 130544.0/16

Left Out: -94.124 $\pm$ 0.045 χ^2 /NDF: 5120.7/15

Right Out: -102.430 $\pm$ 0.018 χ^2 /NDF: 50377.5/18

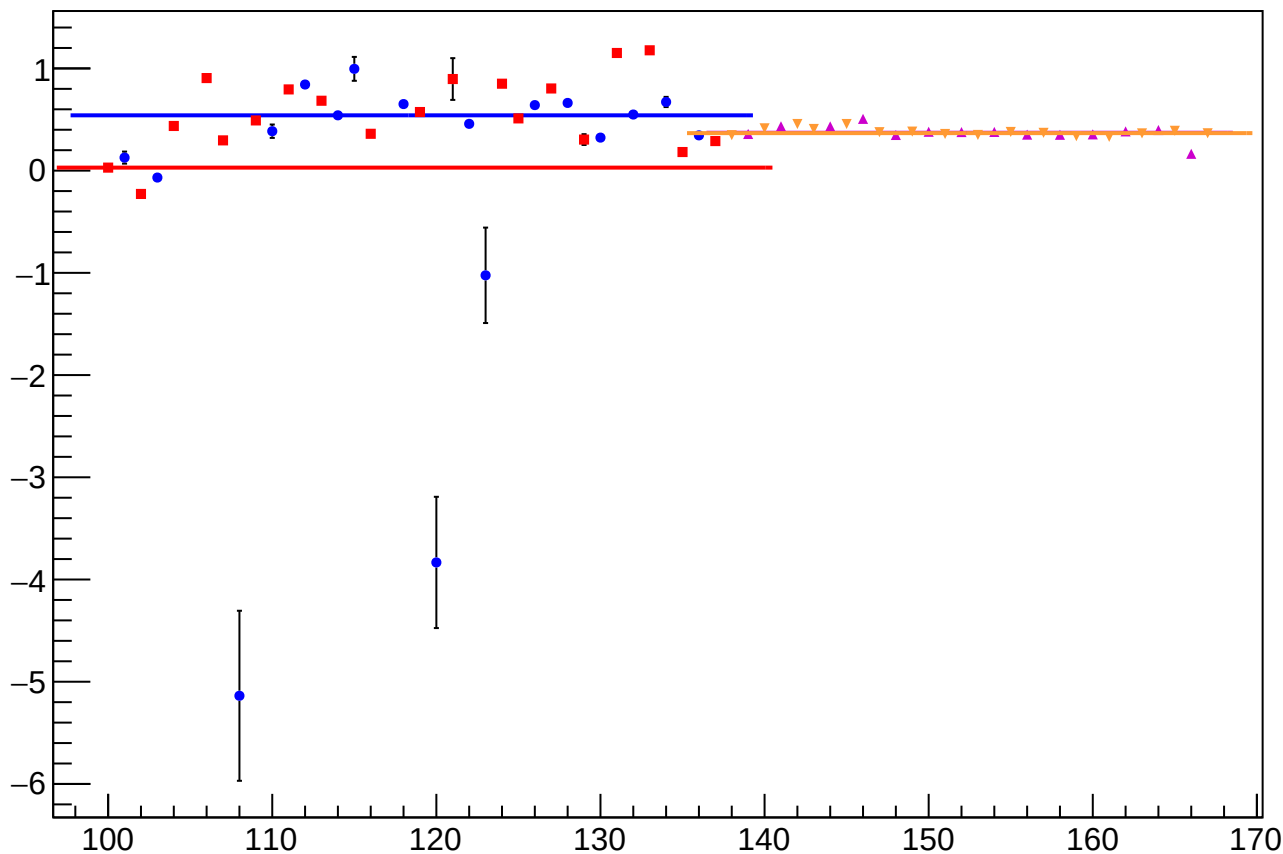
Left In: -94.121 $\pm$ 0.038 χ^2 /NDF: 6205.2/13

+ sign -74.974 $\pm$ 0.000 χ^2 /NDF: 318181.5/32

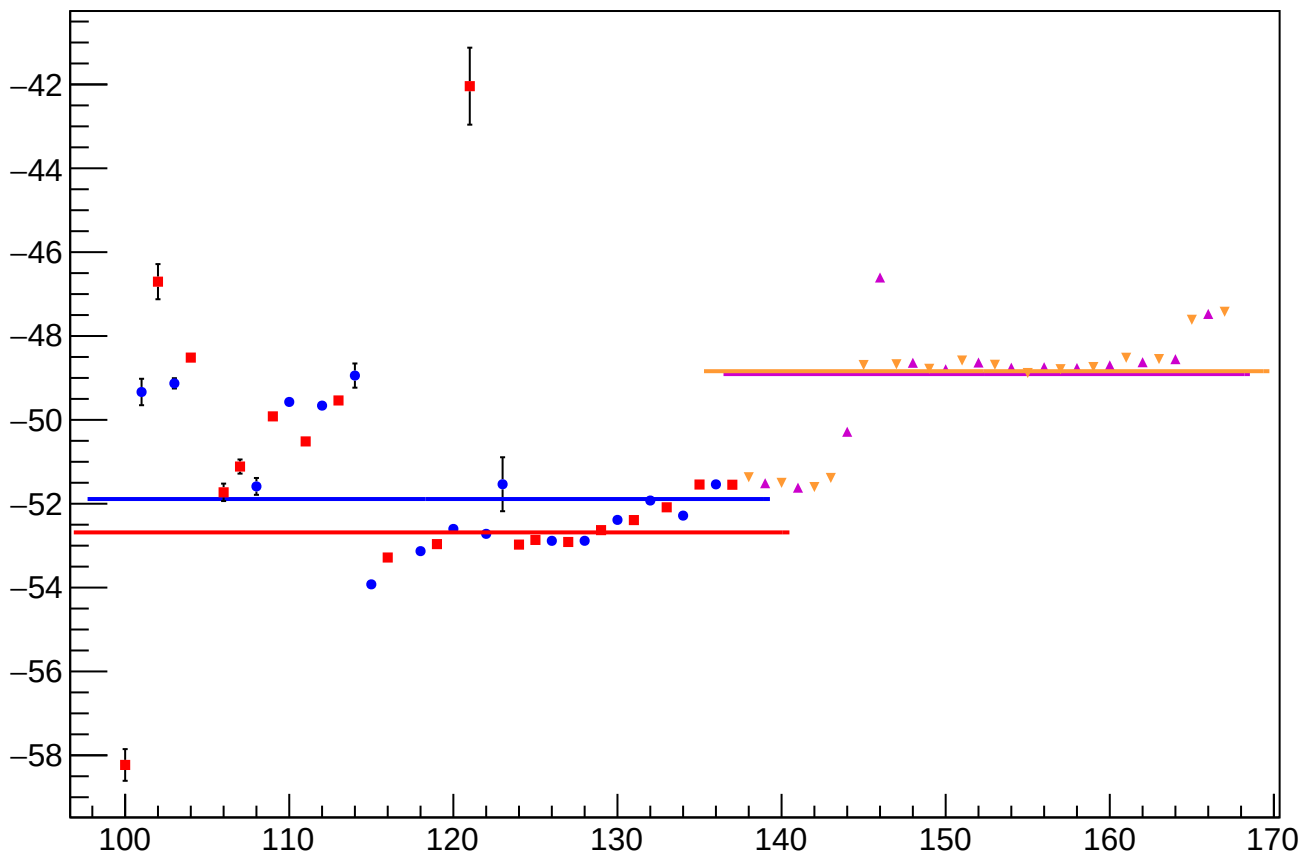
All: -74.974 $\pm$ 0.000 χ^2 /NDF: 3006006.0/65

- sign -100.925 $\pm$ 0.016 χ^2 /NDF: 96008.6/32

dit_sam8_11X12X_slope vs Slug



dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 χ^2/NDF : 77585.2/16

Left Out: -48.839 ± 0.001 χ^2/NDF : 440951.0/15

Right Out: -52.684 ± 0.003 χ^2/NDF : 56125.8/18

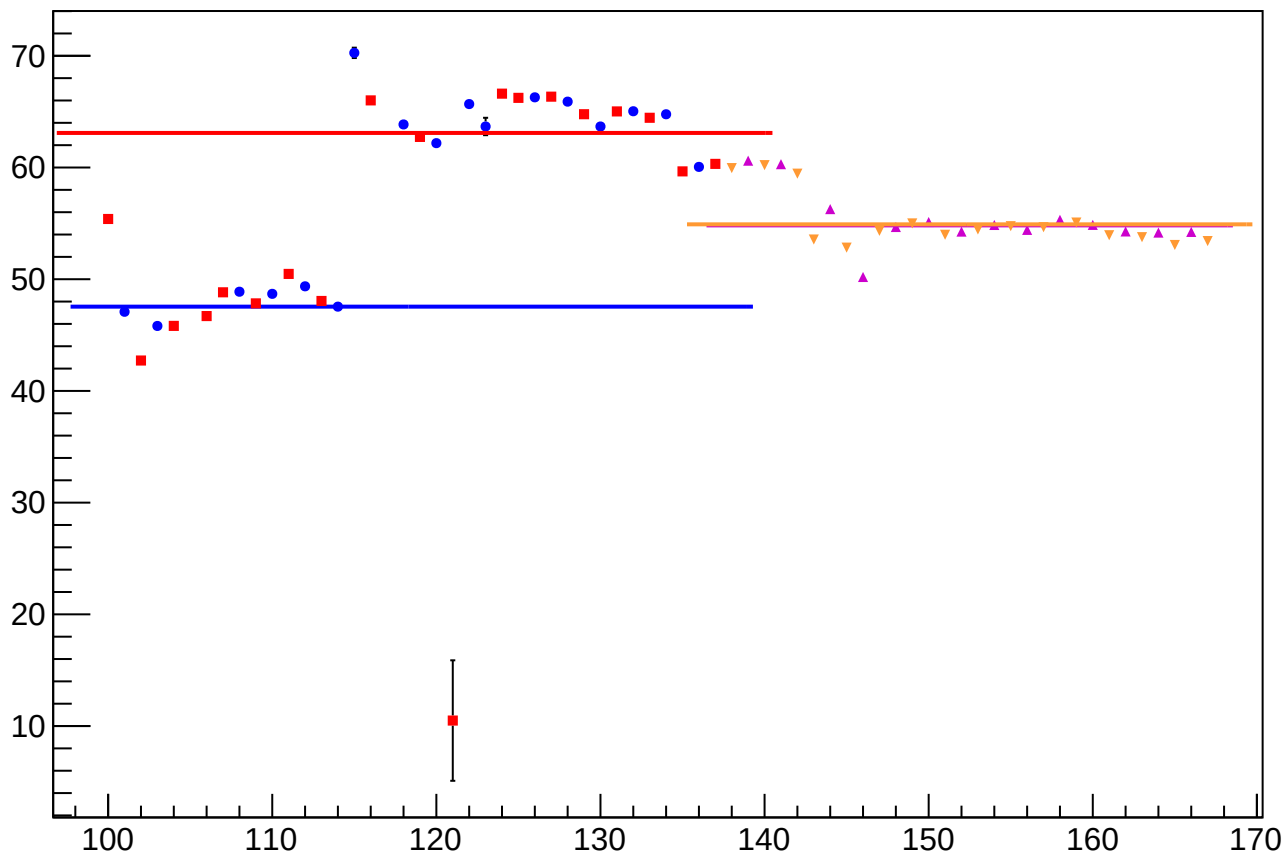
Left In: -48.908 ± 0.001 χ^2/NDF : 531333.5/13

+ sign -49.581 ± 0.001 χ^2/NDF : 1935240.2/32

All: -49.504 ± 0.001 χ^2/NDF : 4397848.7/65

- sign -49.445 ± 0.001 χ^2/NDF : 2453956.4/32

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 54.913 $\pm$ 0.003 χ^2 /NDF: 261950.2/15

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

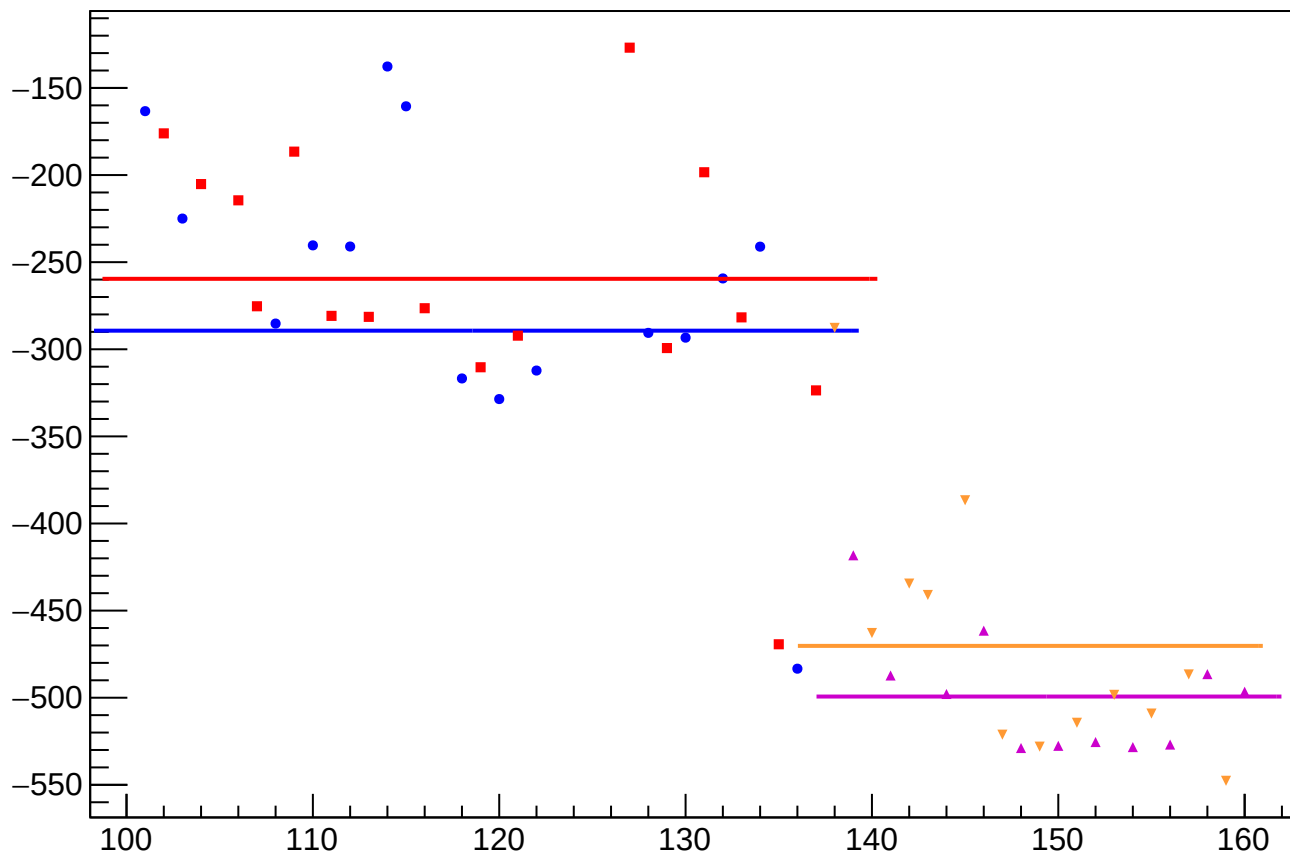
Left In: 54.819 $\pm$ 0.003 χ^2 /NDF: 82303.2/13

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9133953.9/32

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 20905888.8/65

- sign 55.803 $\pm$ 0.003 χ^2 /NDF: 1496616.7/32

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -470.248+/-0.000 χ^2/NDF : 4607361900635133507336893174223208448.0/11

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

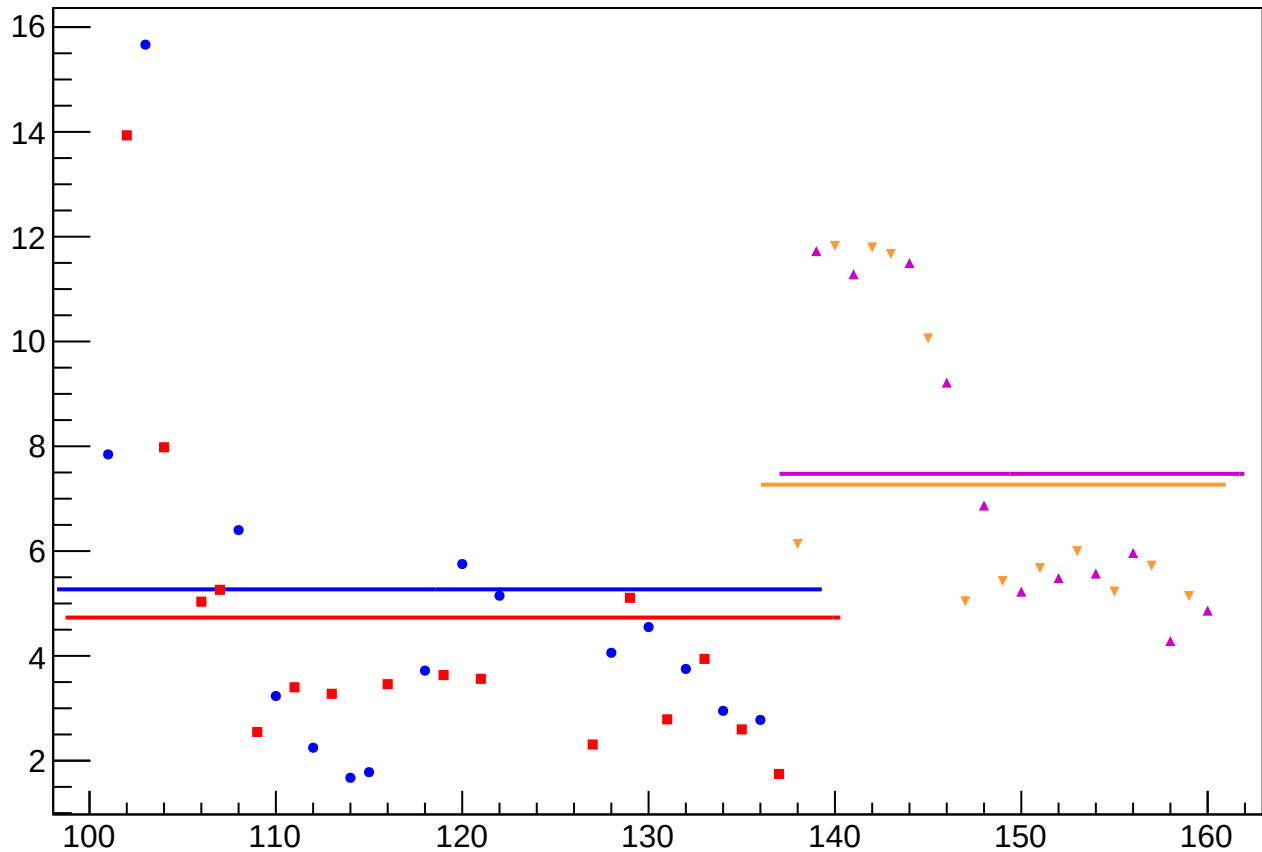
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -395.267+/-0.000 χ^2/NDF : 22417121738902

All: -397.050+/-0.000 χ^2/NDF : 50014681682

- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 7.267+/-0.000 χ^2/NDF : 6561845891361438099452945363894272.0/11

Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

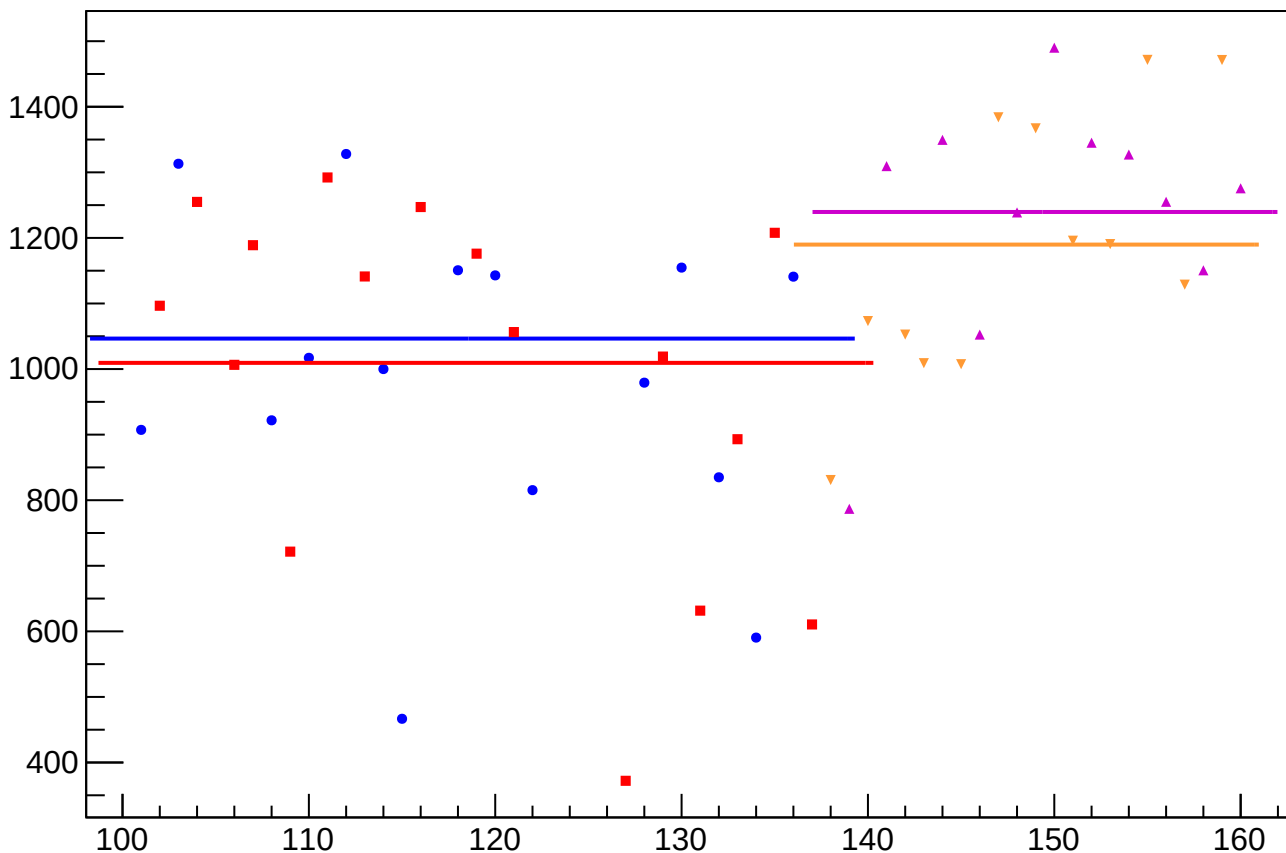
Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ sign 6.439+/-0.000 χ^2/NDF : 16788029314269977

All: 6.382+/-0.000 χ^2/NDF : 33628039825175

- sign 6.325+/-0.000 χ^2/NDF : 16829636305354281

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

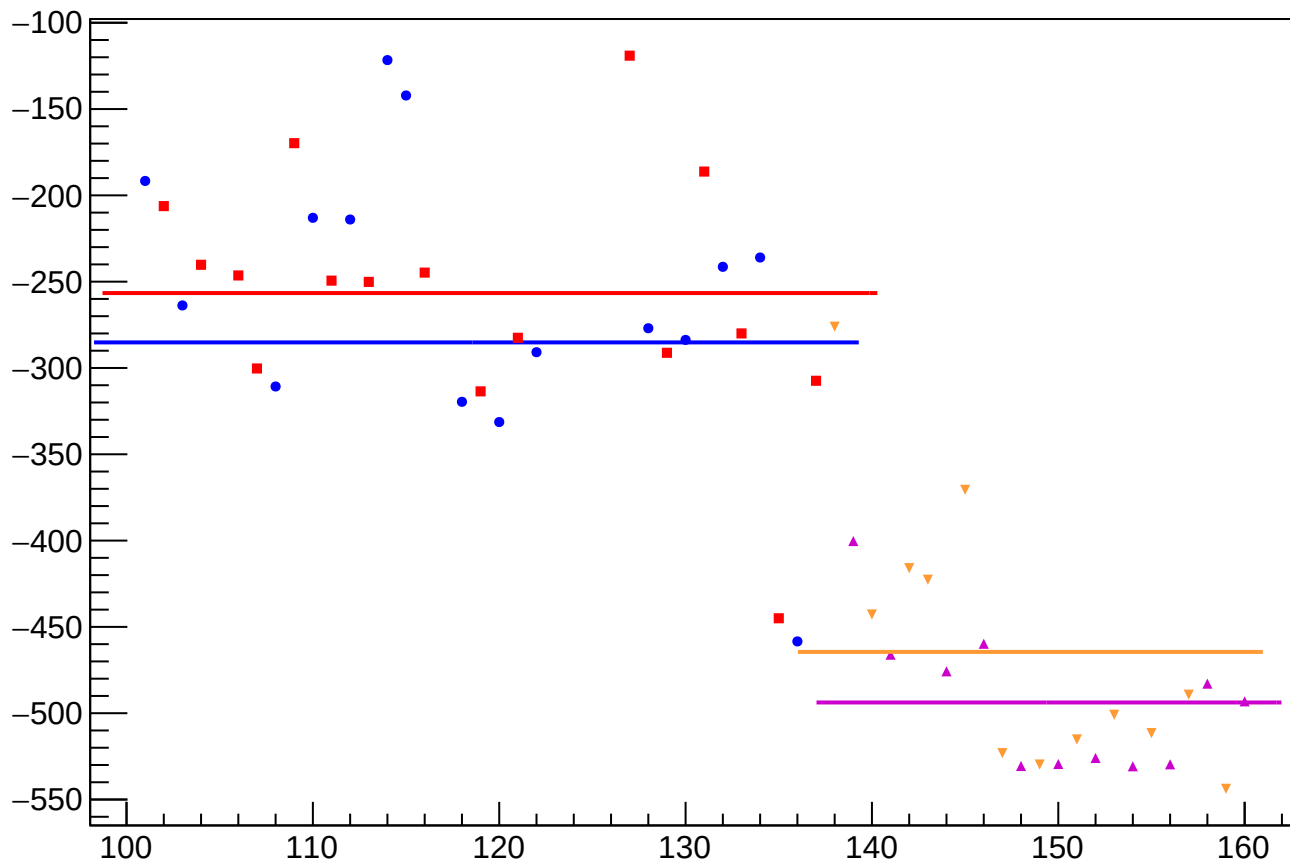
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

All: 1136.802+/-0.000 χ^2/NDF : 16251853607

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -464.487+/-0.000 χ^2/NDF : 5412512273744603577474879660526403584.0/11

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

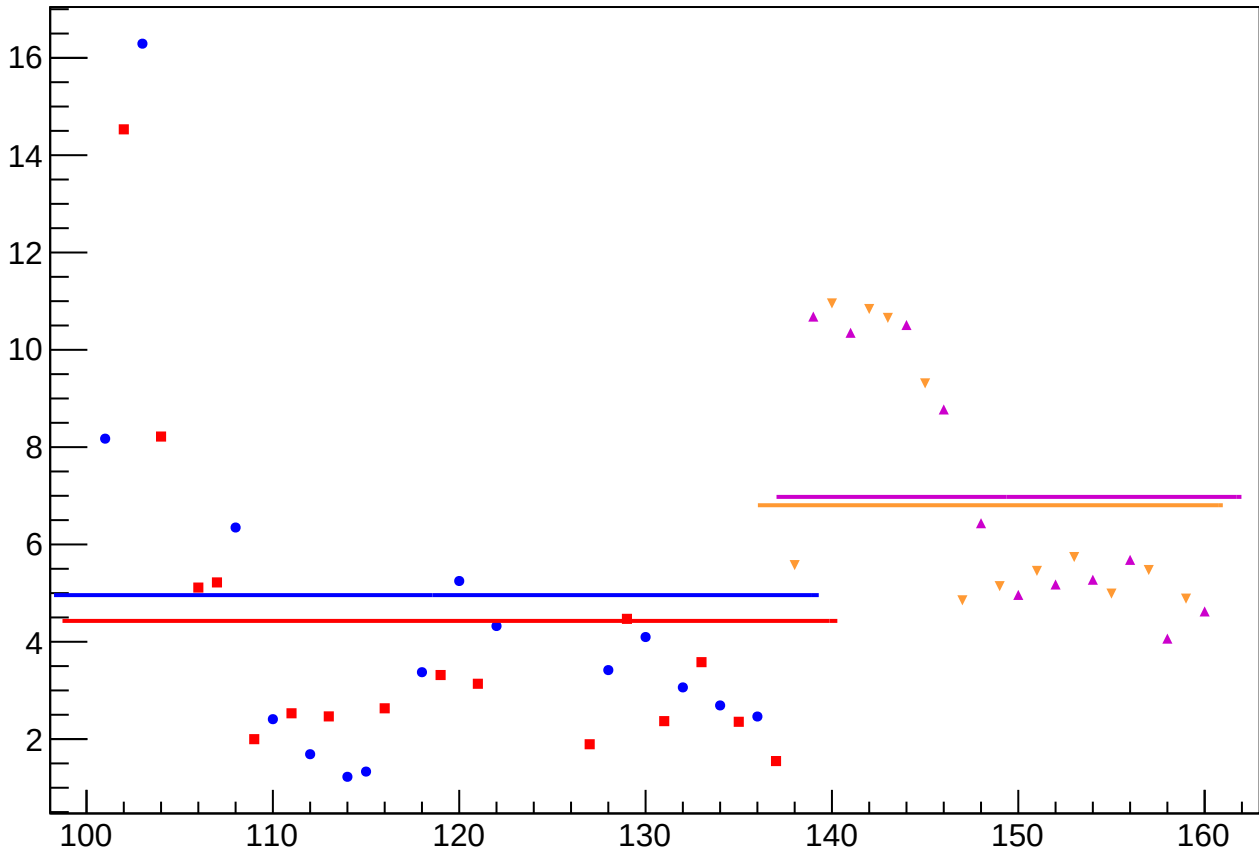
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ sign -390.179+/-0.000 χ^2/NDF : 22109661045949

All: -392.279+/-0.000 χ^2/NDF : 49014873781

- sign -394.346+/-0.000 χ^2/NDF : 268915126522349

dit_4eX_coil1_err_mean vs Slug



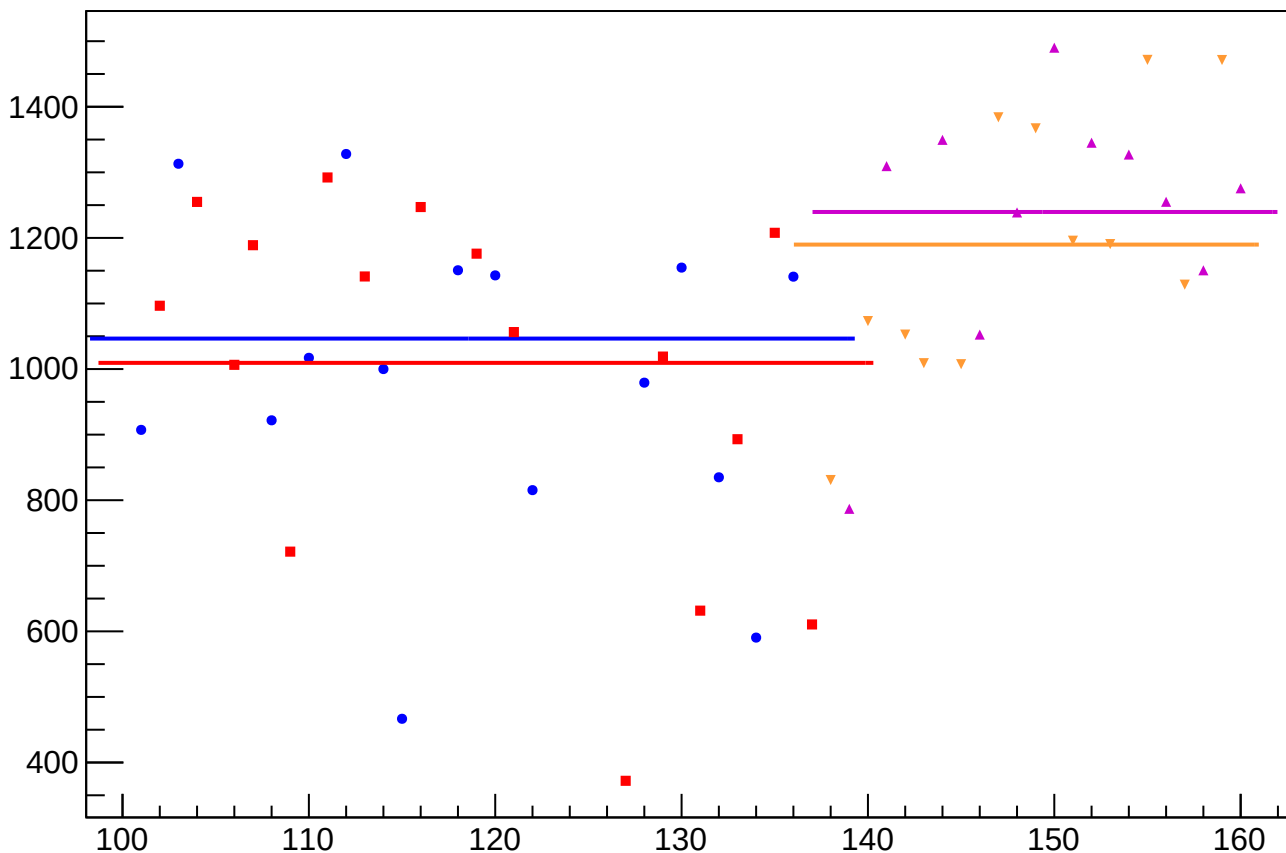
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.806+/-0.000 χ^2/NDF : 5243464744446974431083540143669248.0/11

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF : 5622697014277754941158413236699136.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

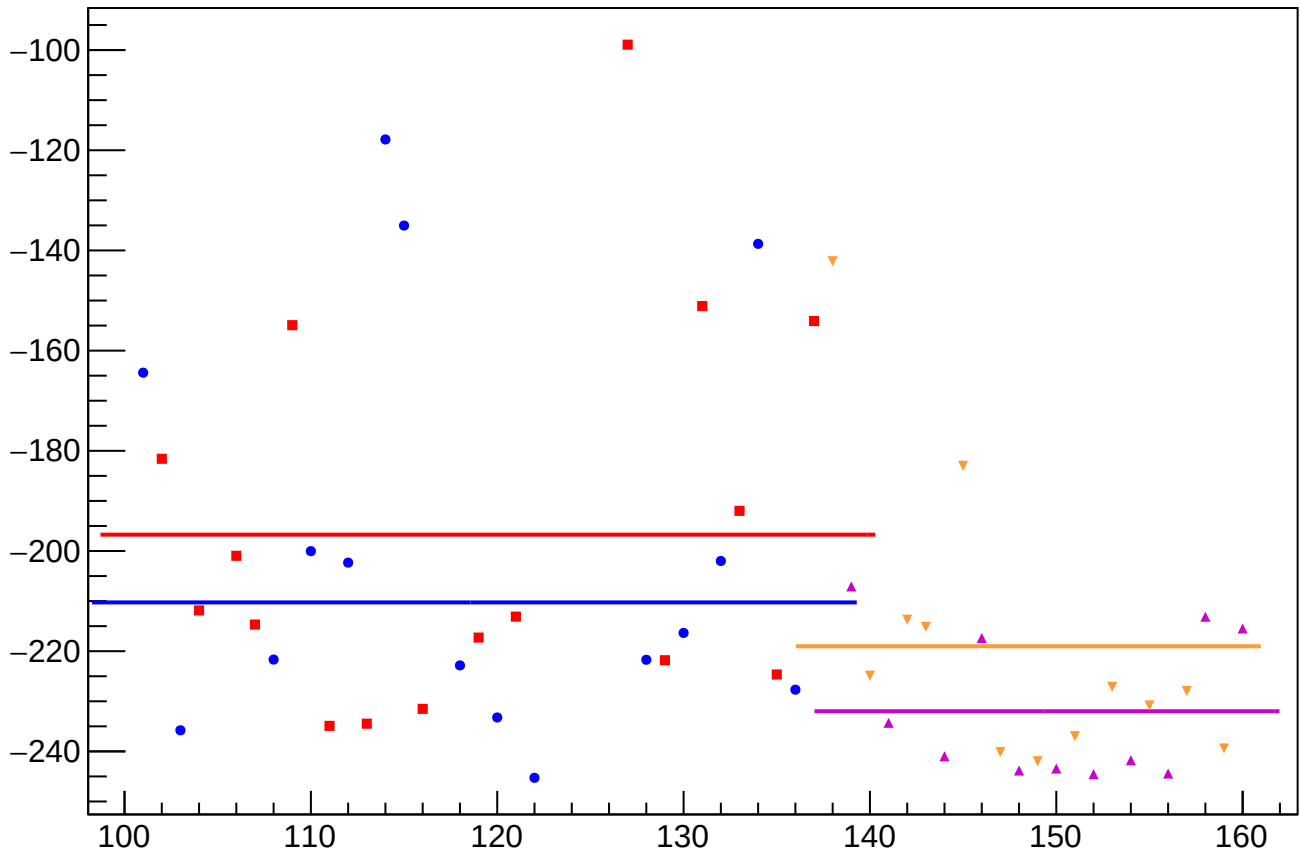
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

All: 1136.802+/-0.000 χ^2/NDF : 16251853607

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_11X12X_coil1_mean vs Slug



Right In: -210.261 ± 0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -219.010 ± 0.000 χ^2/NDF : 731132234342099268900131615977504768.0/11

Right Out: -196.736 ± 0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

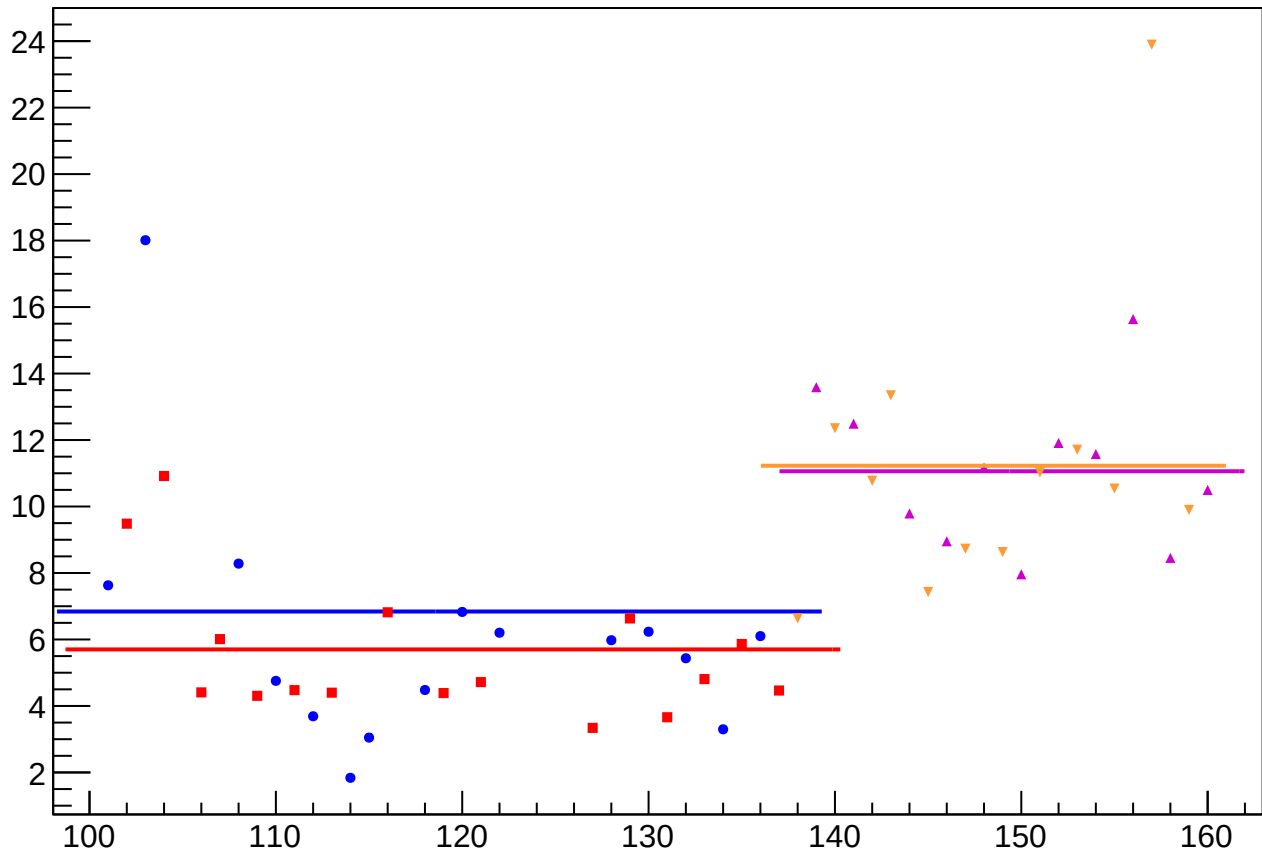
Left In: -231.985 ± 0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ sign -215.384 ± 0.000 χ^2/NDF : 13279306156099

All: -216.303 ± 0.000 χ^2/NDF : 29044263069

- sign -217.208 ± 0.000 χ^2/NDF : 157387232918828

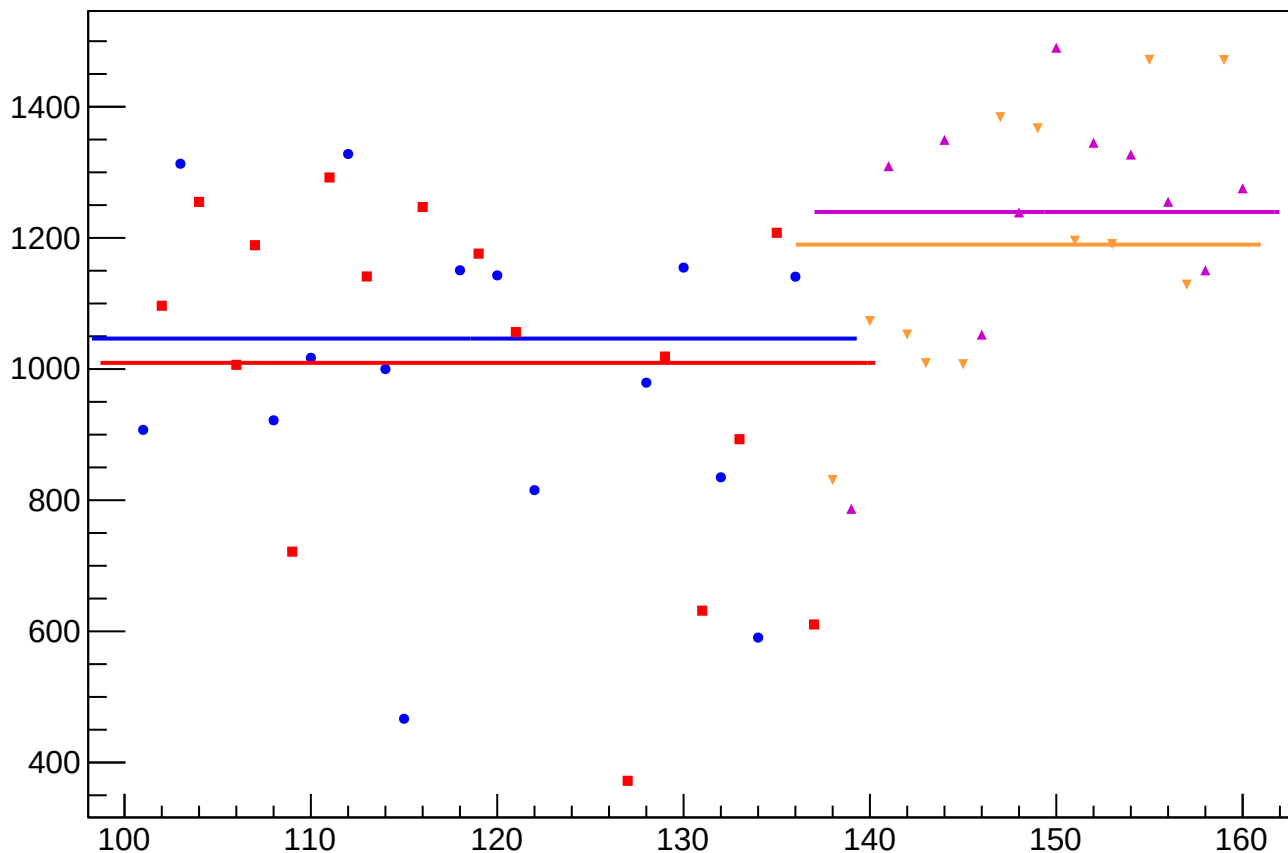
dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842 ± 0.000 $\chi^2/\text{NDF}: 9355934166823324467316647620771840.0/14$
 Left Out: 11.226 ± 0.000 $\chi^2/\text{NDF}: 17157831728505810554543577208193024.0/11$
 Right Out: 5.701 ± 0.000 $\chi^2/\text{NDF}: 3174693398300953393137731791486976.0/15$
 Left In: 11.061 ± 0.000 $\chi^2/\text{NDF}: 4417559387784954400311933713514496.0/10$

All: 9.109 ± 0.000 $\chi^2/\text{NDF}: 52820169055963$
 + sign 9.409 ± 0.000 $\chi^2/\text{NDF}: 33820545857638071$
 - sign 8.814 ± 0.000 $\chi^2/\text{NDF}: 18719955384548476$

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

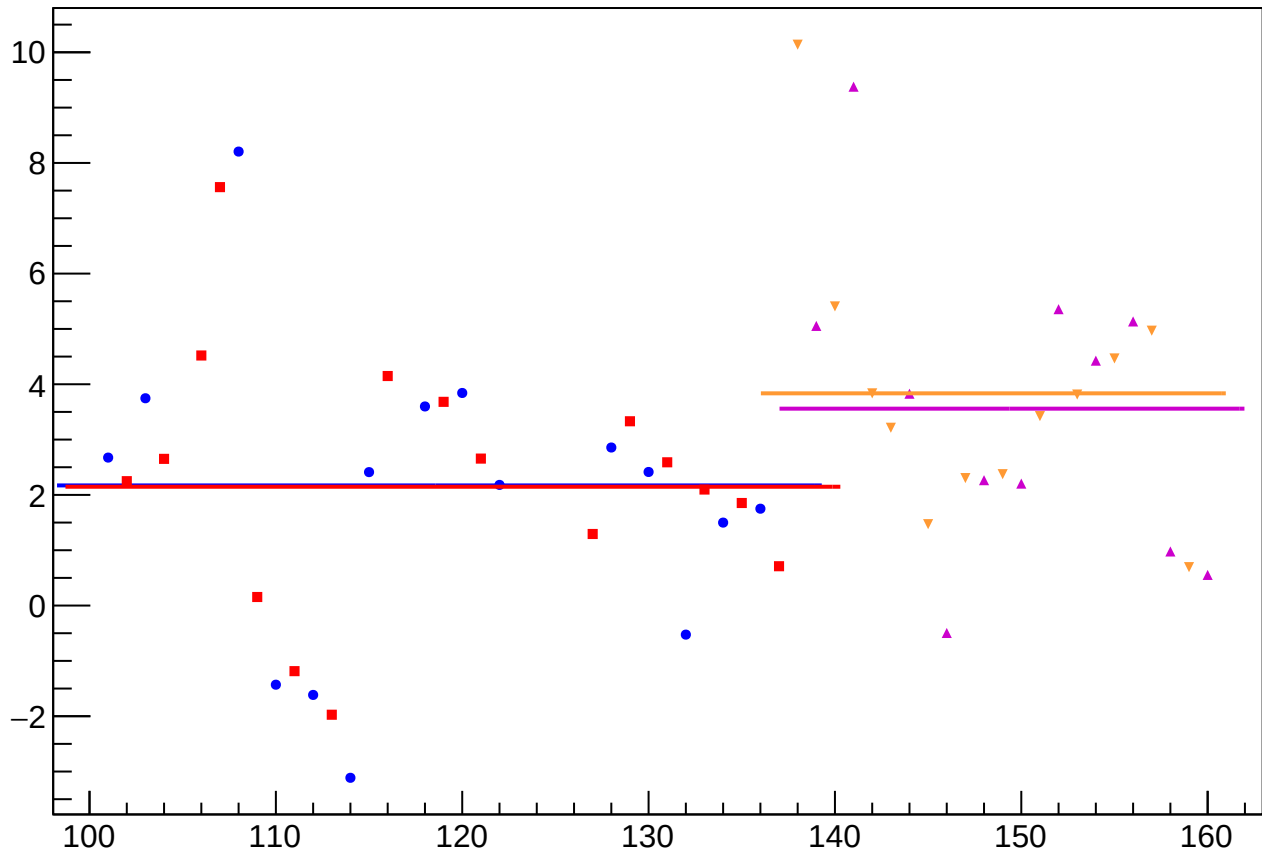
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1136.802+/-0.000 χ^2/NDF : 16251853607

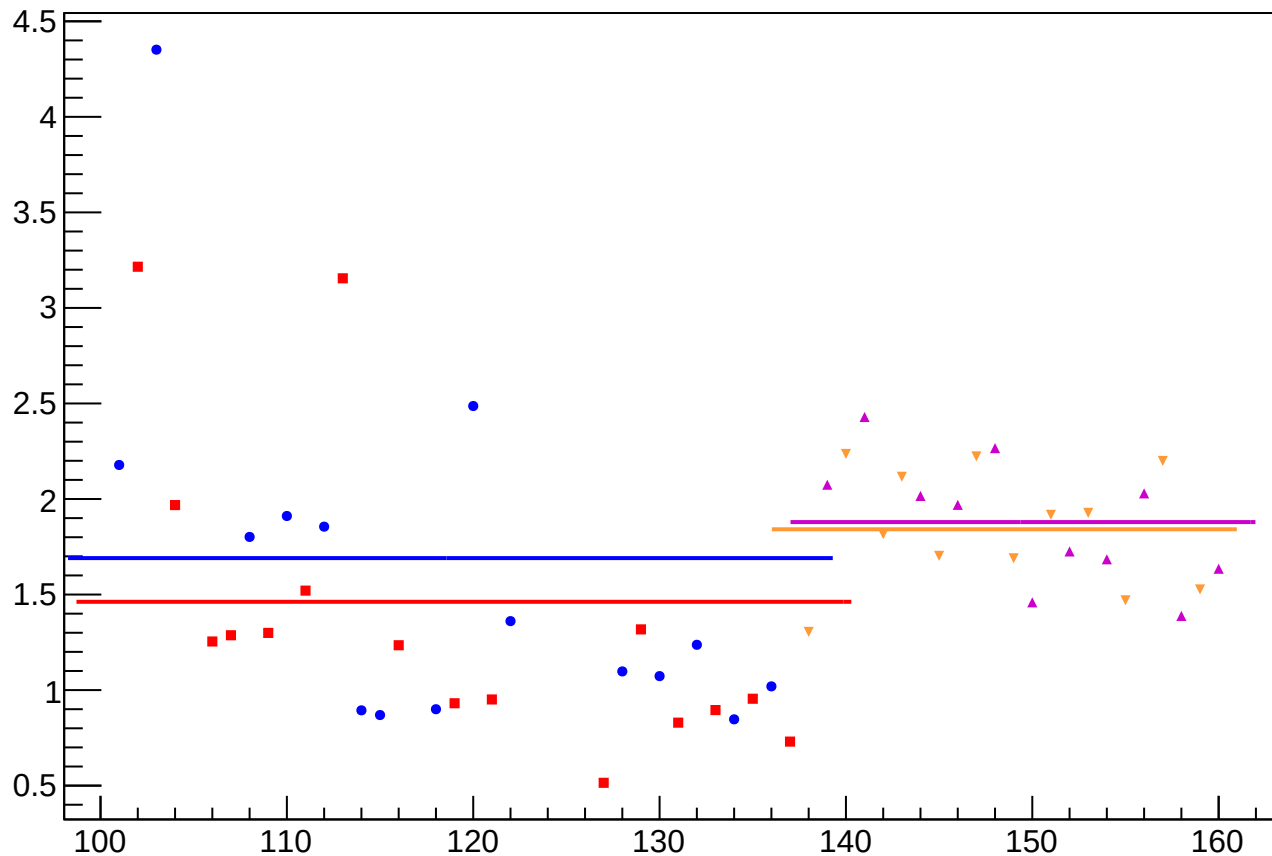
dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 3.836+/-0.000 χ^2/NDF : 5077142493205652960507998024761344.0/11
 Right Out: 2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left In: 3.559+/-0.000 χ^2/NDF : 6492667345109962540652165758713856.0/10

+ sign 3.146+/-0.000 χ^2/NDF : 97297479279386296
 All: 3.056+/-0.000 χ^2/NDF : 2011291704236
 - sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14

Left Out: 1.841 $\pm$ 0.000 χ^2 /NDF: 85338663213371601399207847526400.0/11

Right Out: 1.462 $\pm$ 0.000 χ^2 /NDF: 444384511662519040022371754835968.0/15

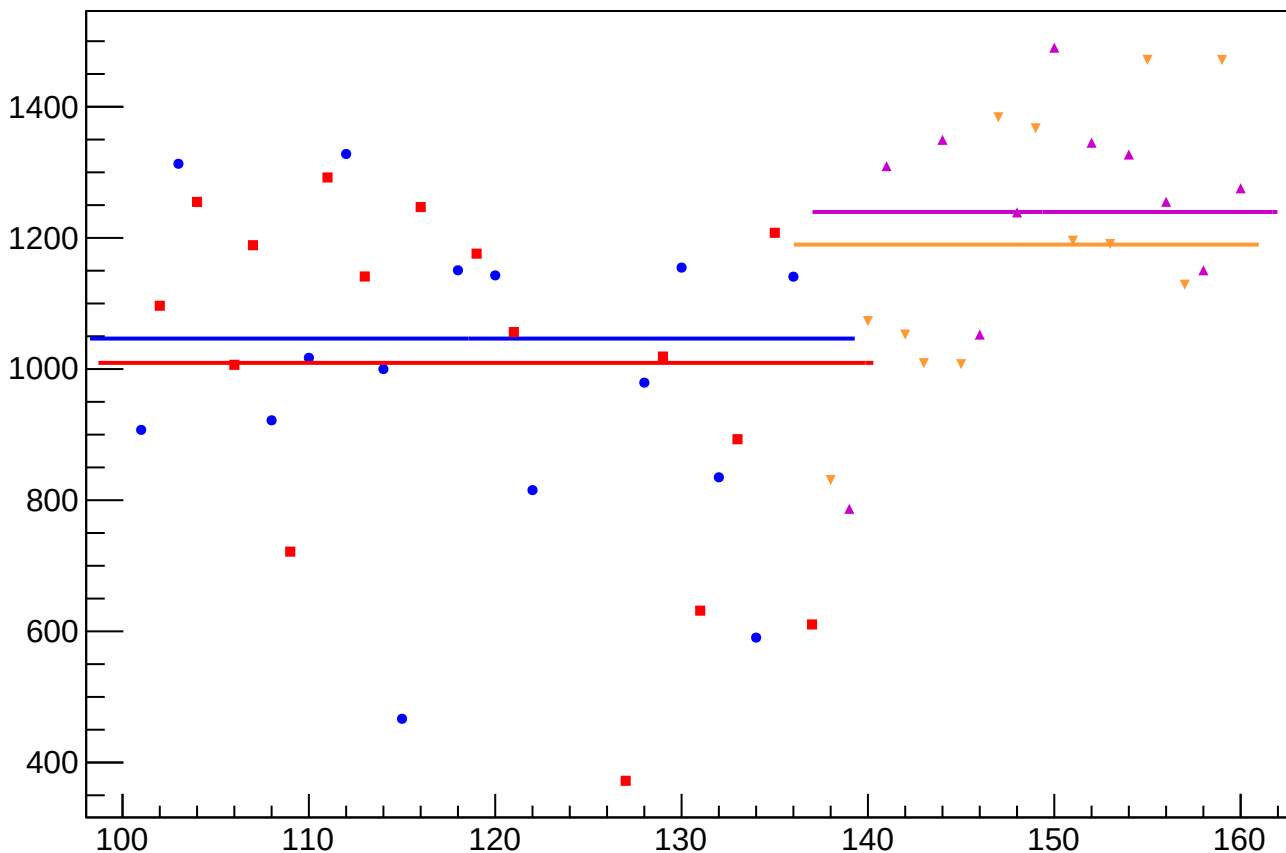
Left In: 1.879 $\pm$ 0.000 χ^2 /NDF: 90968052268112309617342982127616.0/10

+ sign 1.779 $\pm$ 0.000 χ^2 /NDF: 70613055428454118

All: 1.741 $\pm$ 0.000 χ^2 /NDF: 13132966674058

- sign 1.704 $\pm$ 0.000 χ^2 /NDF: 60277351909397025

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

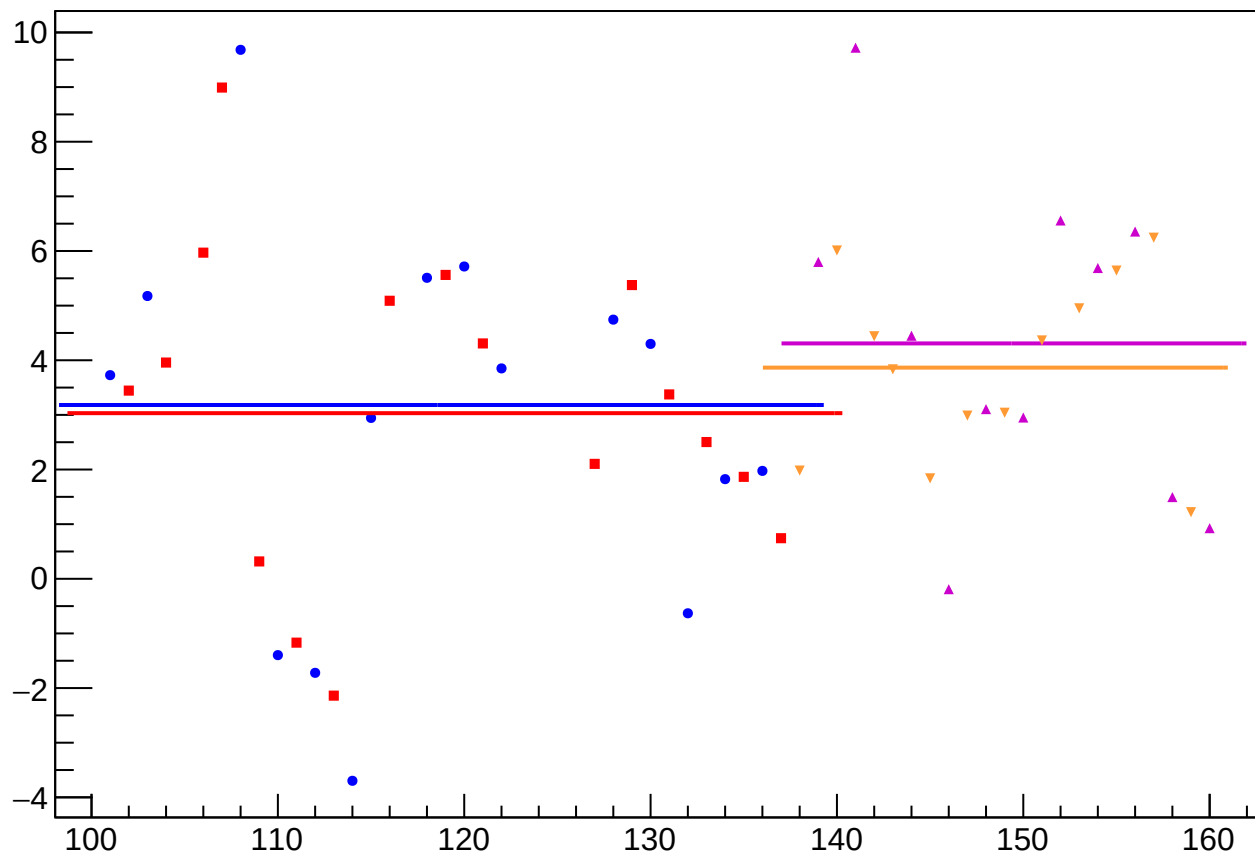
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800
 All: 1136.802+/-0.000 χ^2/NDF : 16251853607
 - sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

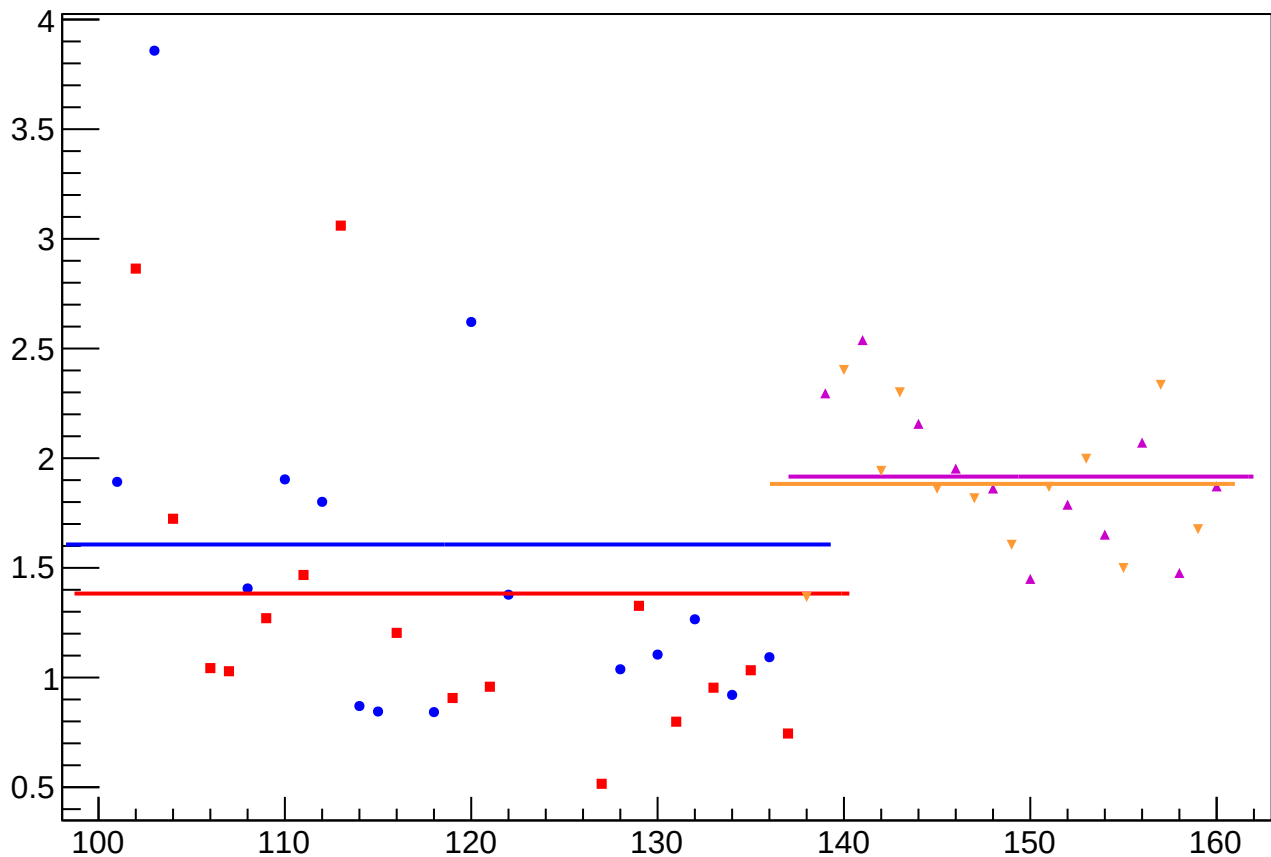
dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000	χ^2/NDF : 5833303227868252617704566394191872.0/14
Left Out: 3.865+/-0.000	χ^2/NDF : 2498021792424542817214204578103296.0/11
Right Out: 3.032+/-0.000	χ^2/NDF : 4937209831371793945496546833334272.0/15
Left In: 4.308+/-0.000	χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.582+/-0.000 χ^2/NDF : 85092080259822293
 All: 3.678+/-0.000 χ^2/NDF : 21180159675612
 - sign 3.773+/-0.000 χ^2/NDF : 12642039557663055

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF : 460949628640148184181205735833600.0/14

Left Out: 1.883+/-0.000 χ^2/NDF : 93981074591902245168022313500672.0/11

Right Out: 1.383+/-0.000 χ^2/NDF : 358348897016286200957650337792000.0/15

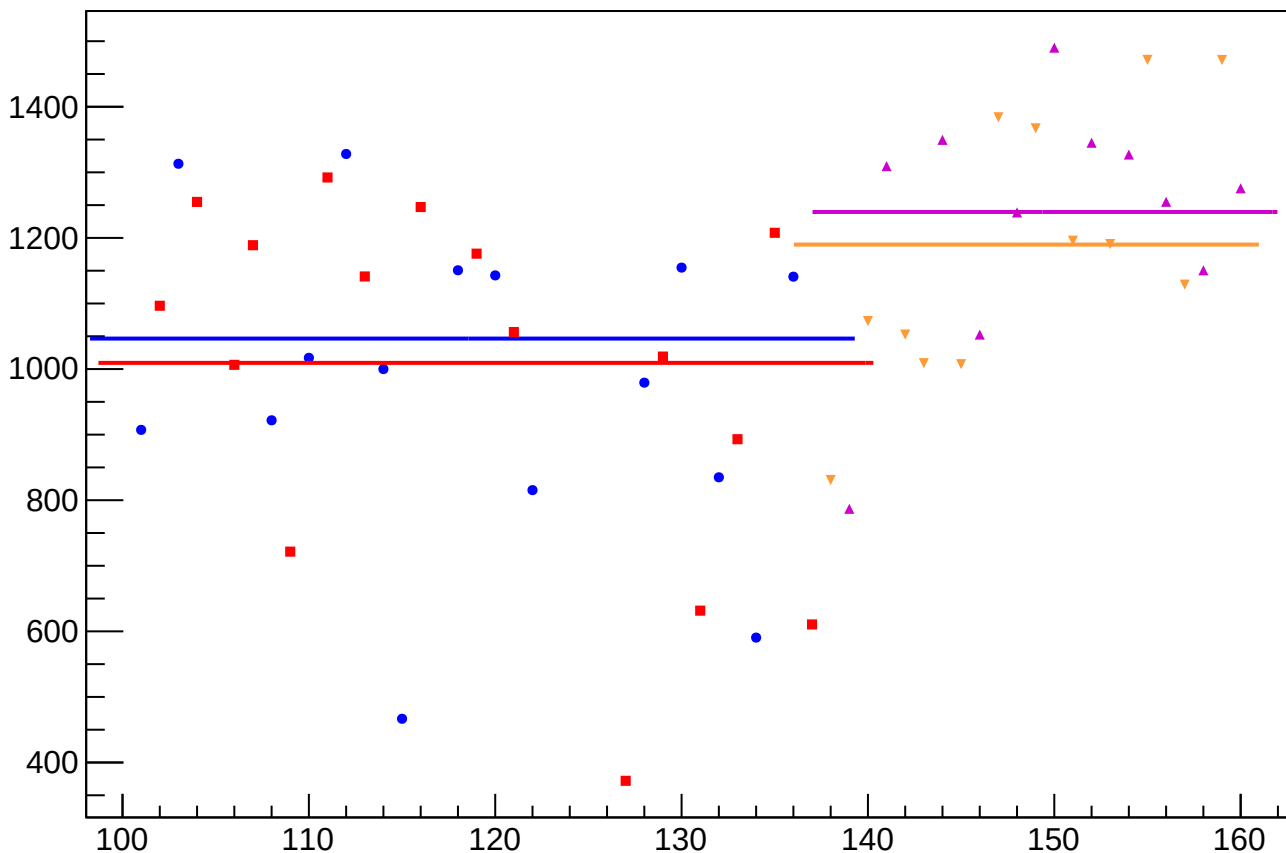
Left In: 1.916+/-0.000 χ^2/NDF : 95276515809016209875699691945984.0/10

+ sign 1.768+/-0.000 χ^2/NDF : 58390522381555336

All: 1.730+/-0.000 χ^2/NDF : 11521784061619

- sign 1.693+/-0.000 χ^2/NDF : 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

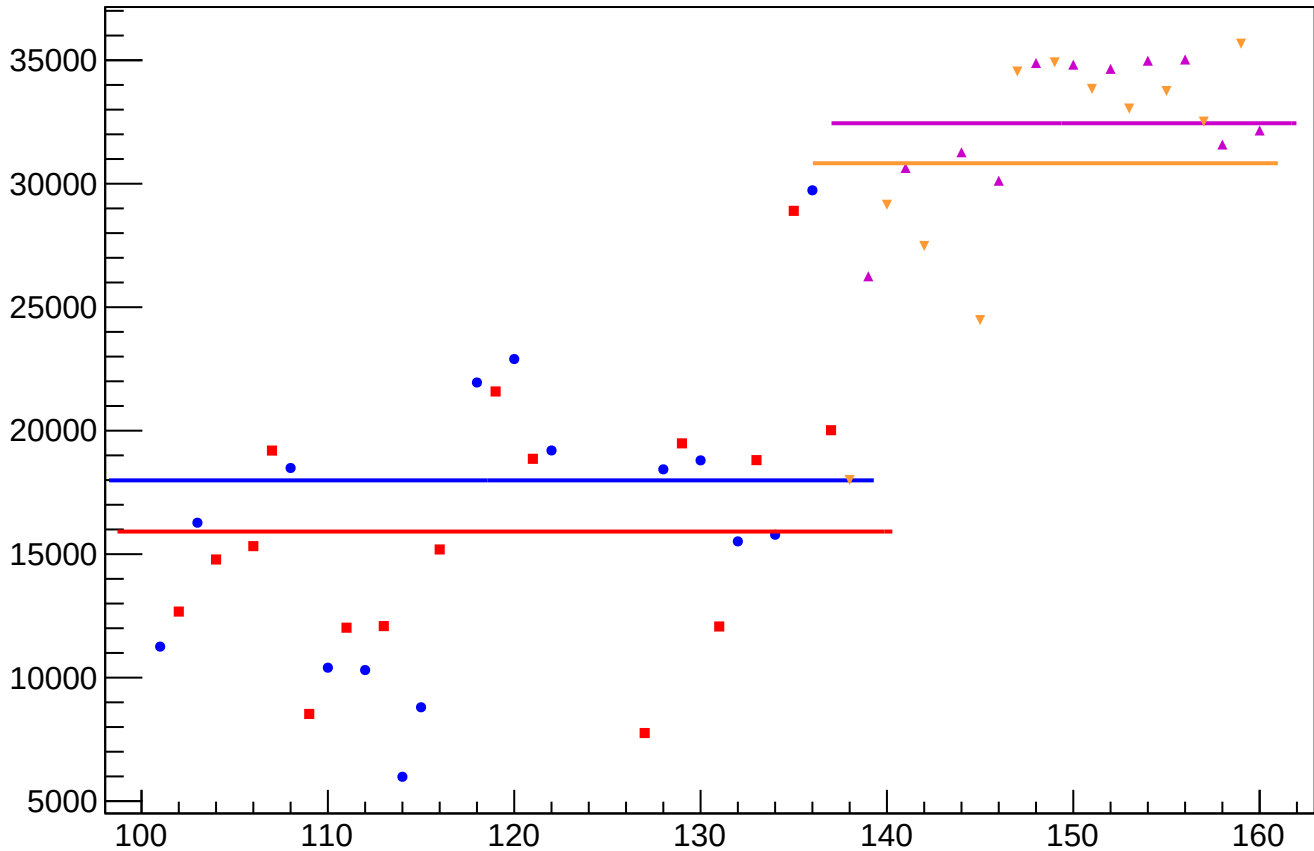
All: 1136.802+/-0.000 χ^2/NDF : 16251853607

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

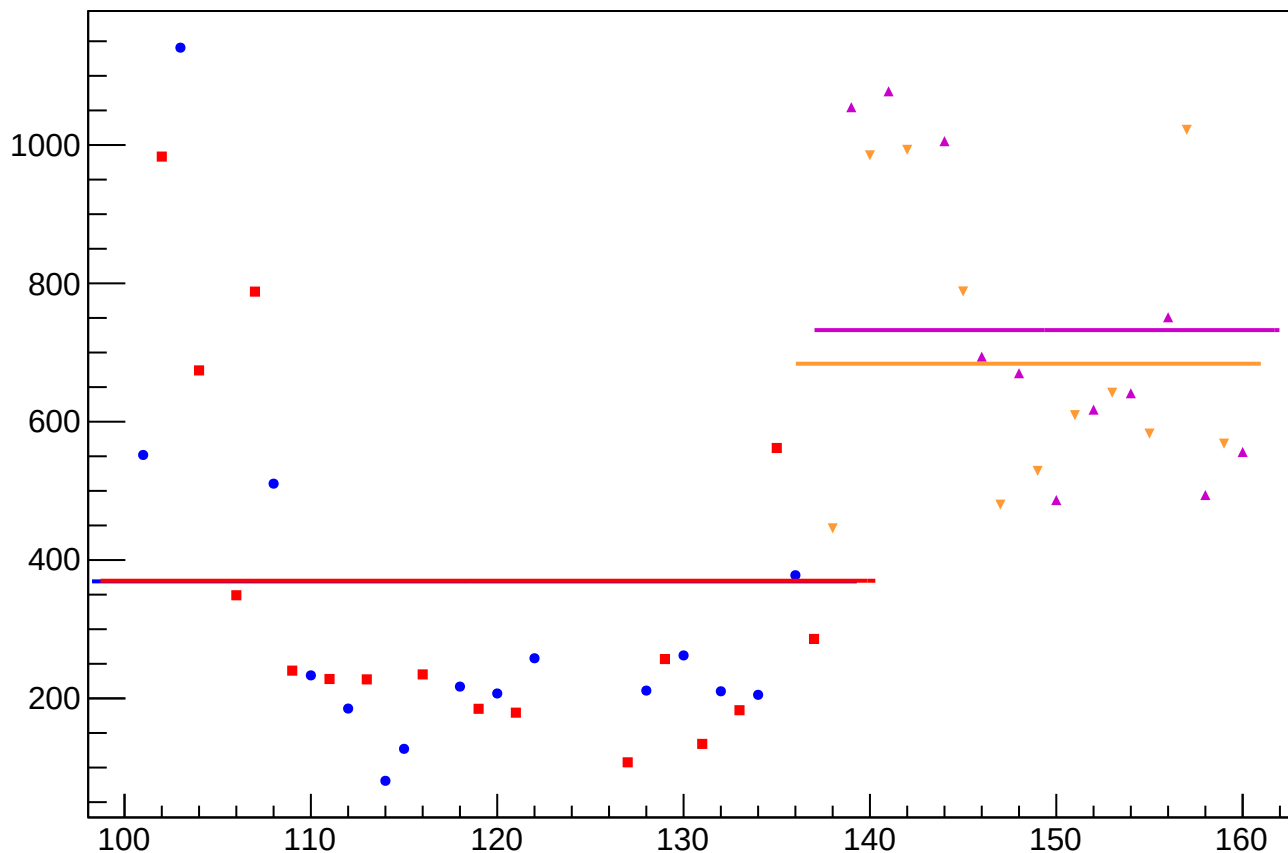
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Left Out: 30828.996+/-0.000 χ^2/NDF : 23225941804061934913195205321671126810624.0/10
 Right Out: 15915.227+/-0.000 χ^2/NDF : 19954189674705952707042287416087223992320.0/15
 Left In: 32448.675+/-0.000 χ^2/NDF : 6566176061380629796456552080625585094656.0/10

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 547.589+/-0.000 χ^2/NDF : 118377118288294

Left Out: 683.818+/-0.000 χ^2/NDF : 33889213327859325358647069977975193600.0/10

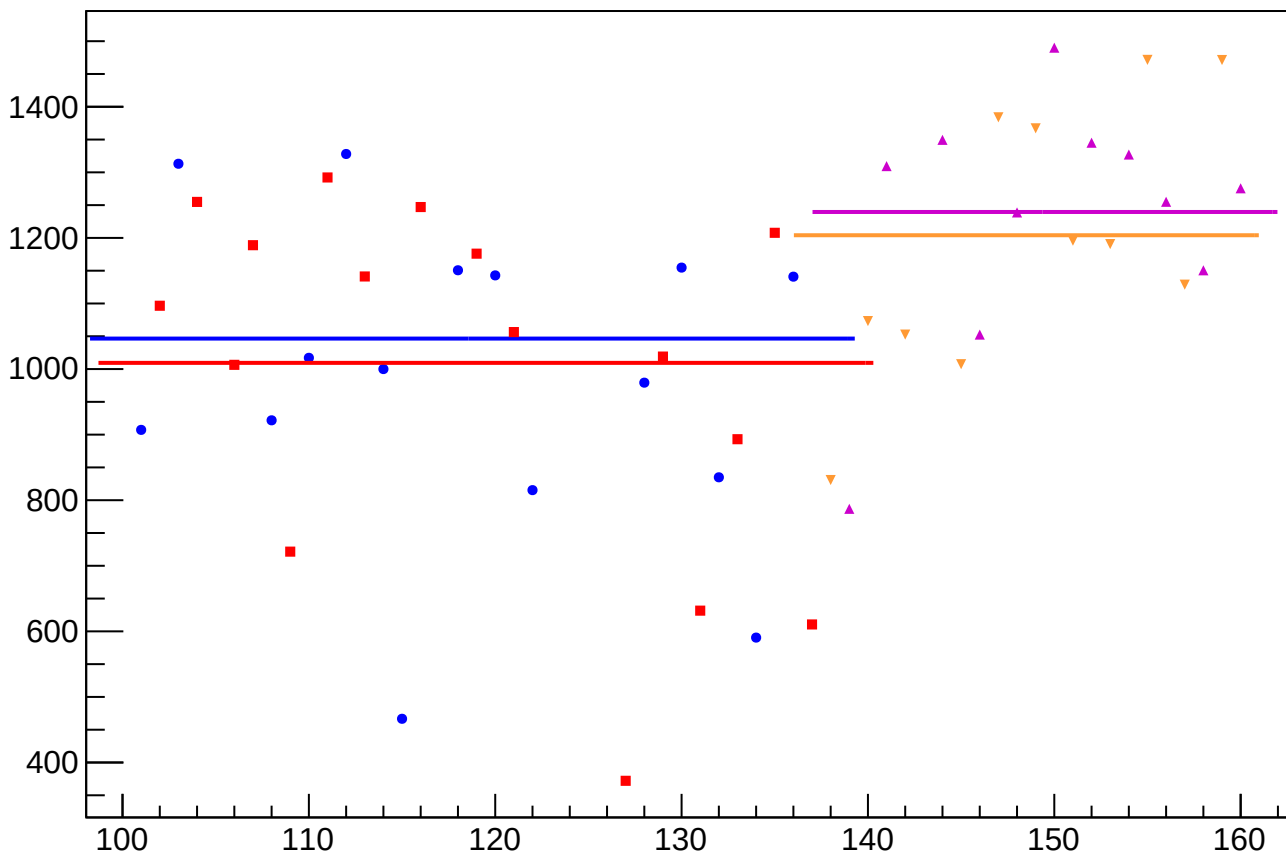
All: 564.543+/-0.000 χ^2/NDF : 258223641190

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 580.516+/-0.000 χ^2/NDF : 139009735968020

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



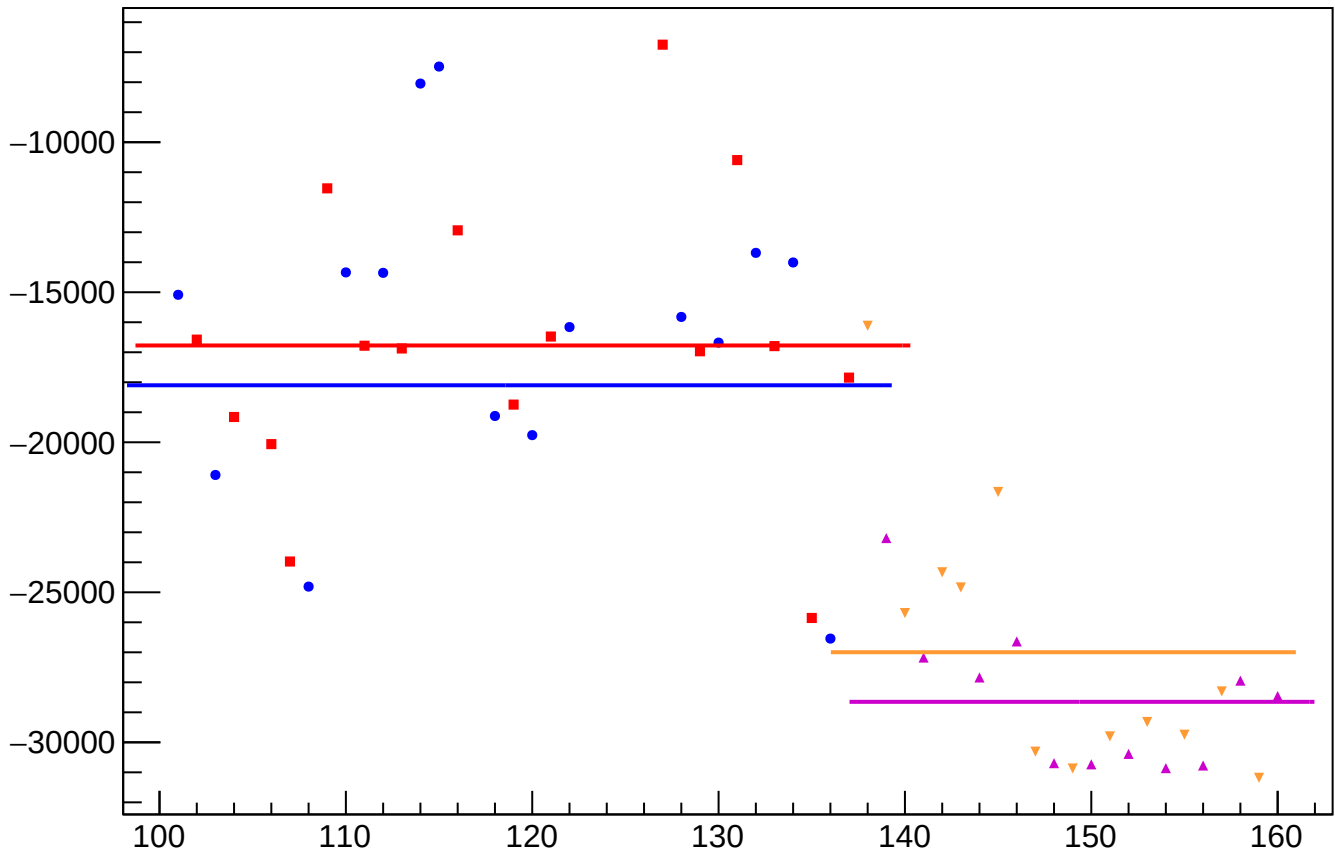
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1204.078+/-0.000 χ^2/NDF : 33123375714267646220347434218144399360.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

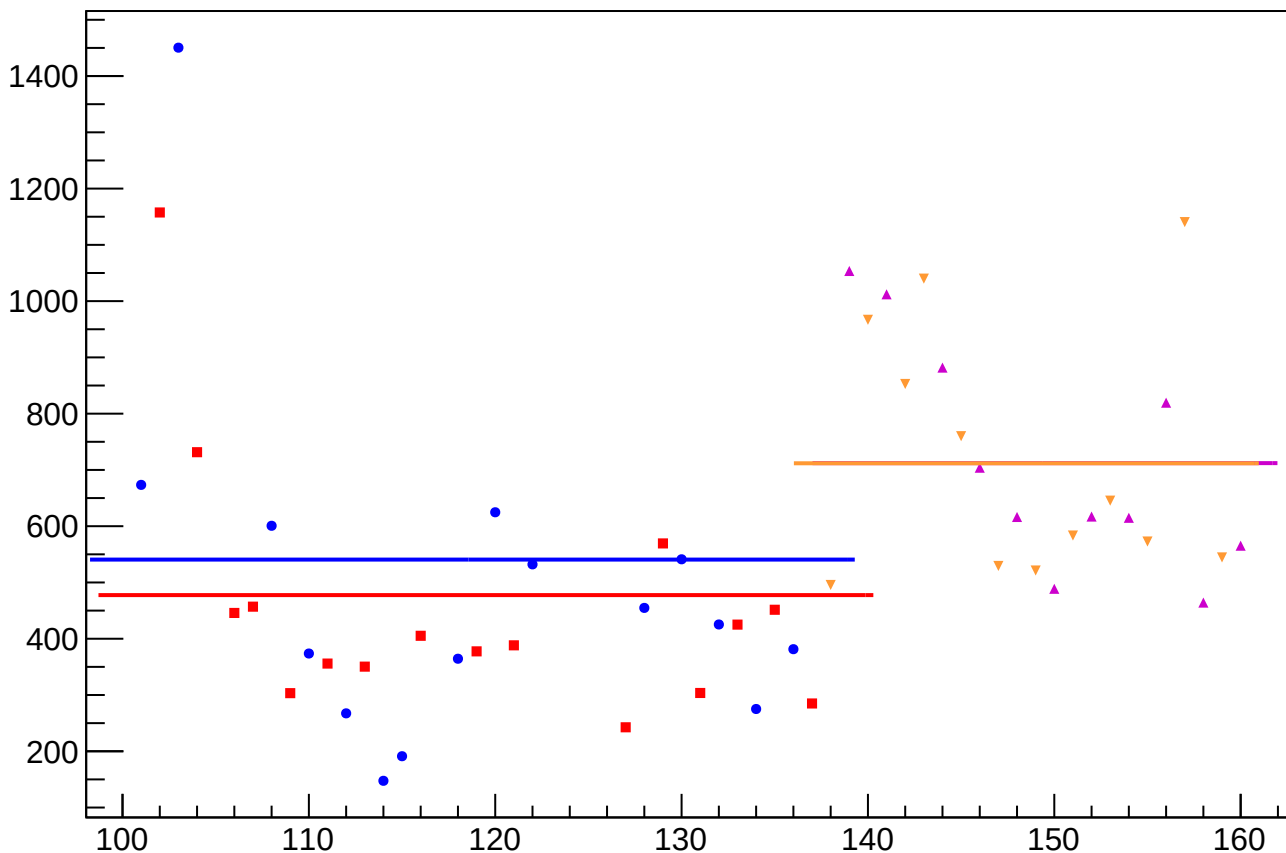
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_usr_coil1_mean vs Slug



Right In: -18100.637 ± 0.000 $\chi^2/\text{NDF}: 14634967546173586967632040765428699496448.0/14$
 Left Out: -26996.716 ± 0.000 $\chi^2/\text{NDF}: 17646333216214404420096394486681509560320.0/11$
 Right Out: -16773.604 ± 0.000 $\chi^2/\text{NDF}: 14234547931135812277474342886568366178304.0/15$
 Left In: -28650.410 ± 0.000 $\chi^2/\text{NDF}: 4838827535981080826725947474344765554688.0/10$

dit_usr_coil1_err_mean vs Slug



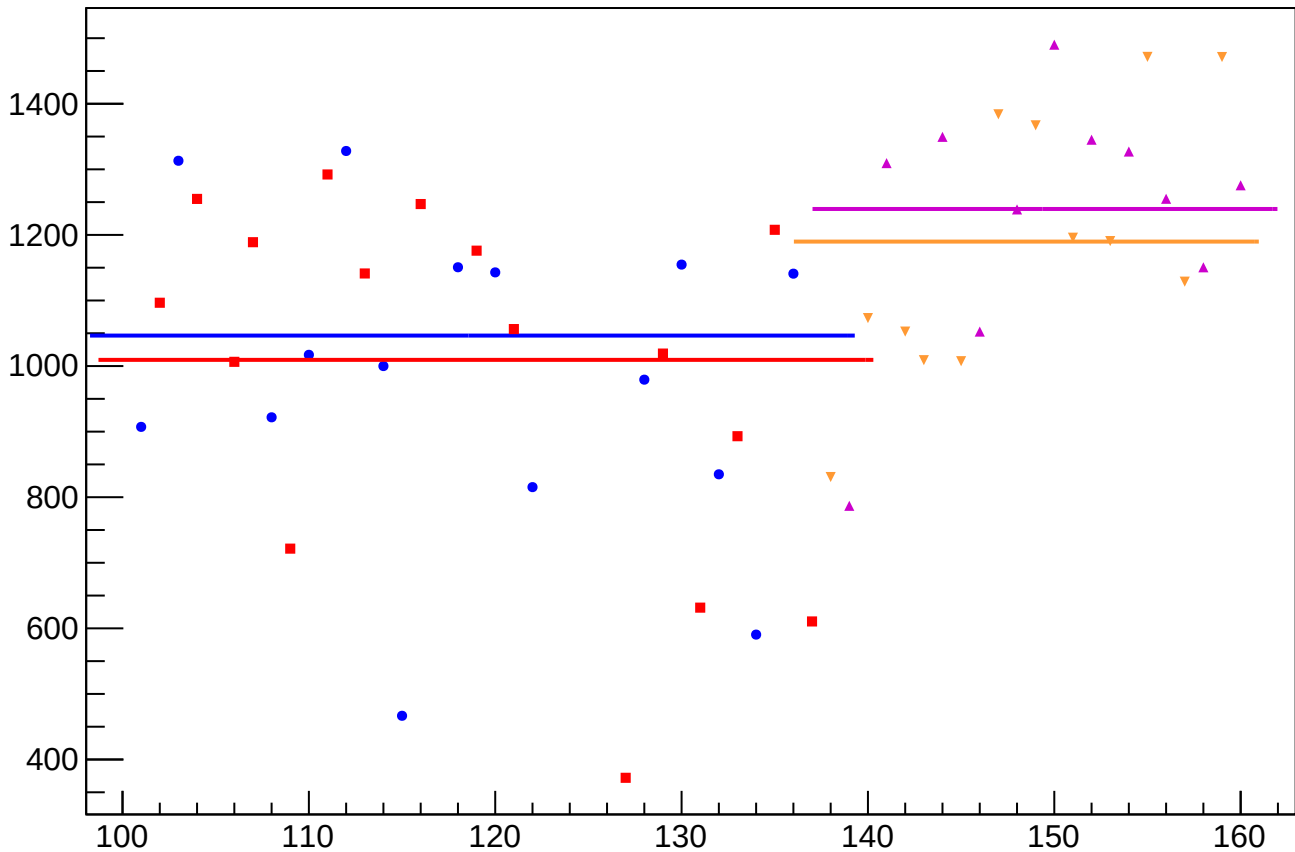
Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 711.811+/-0.000 χ^2/NDF : 42886755103535989888278439443042402304.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

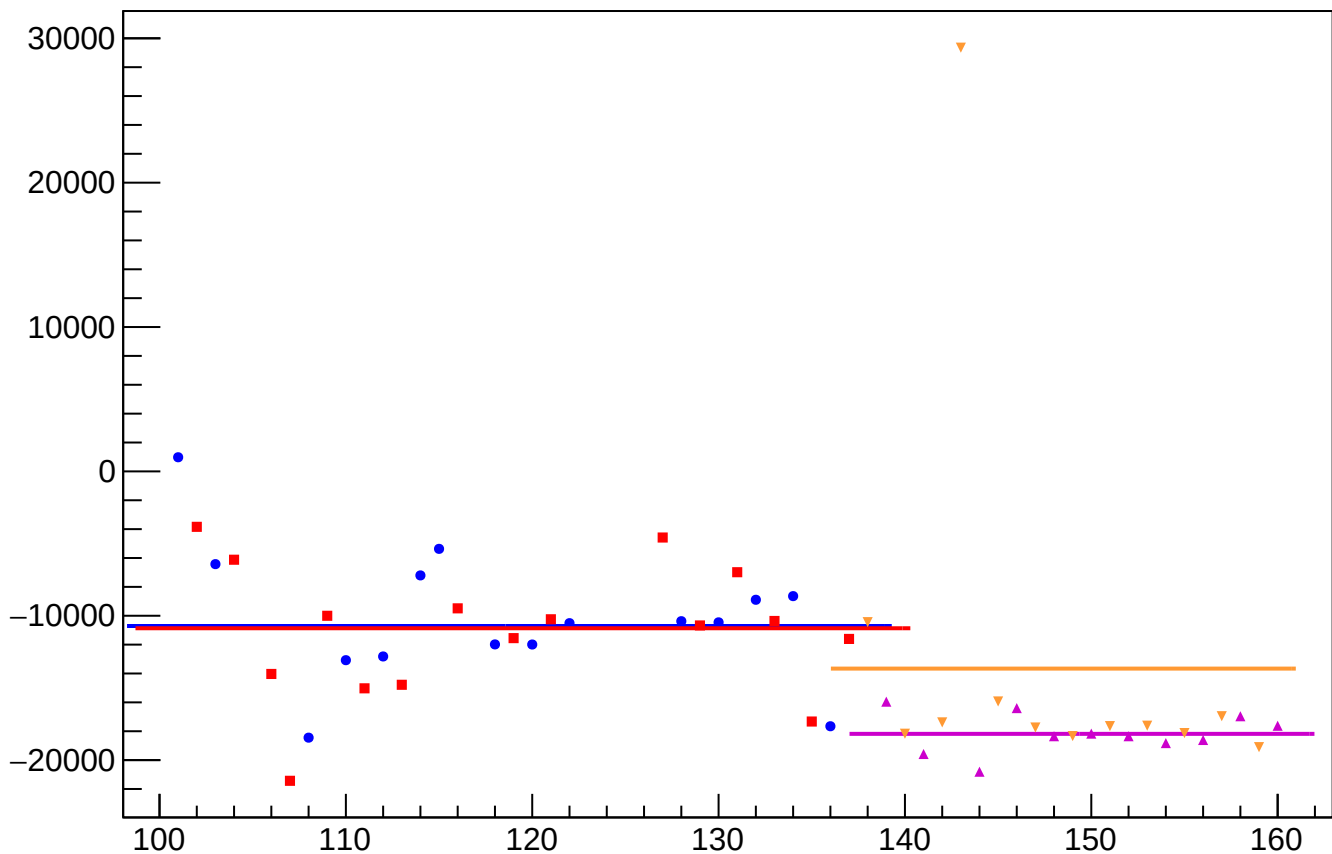
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

dit_usr_coil1_Ndata_mean vs Slug



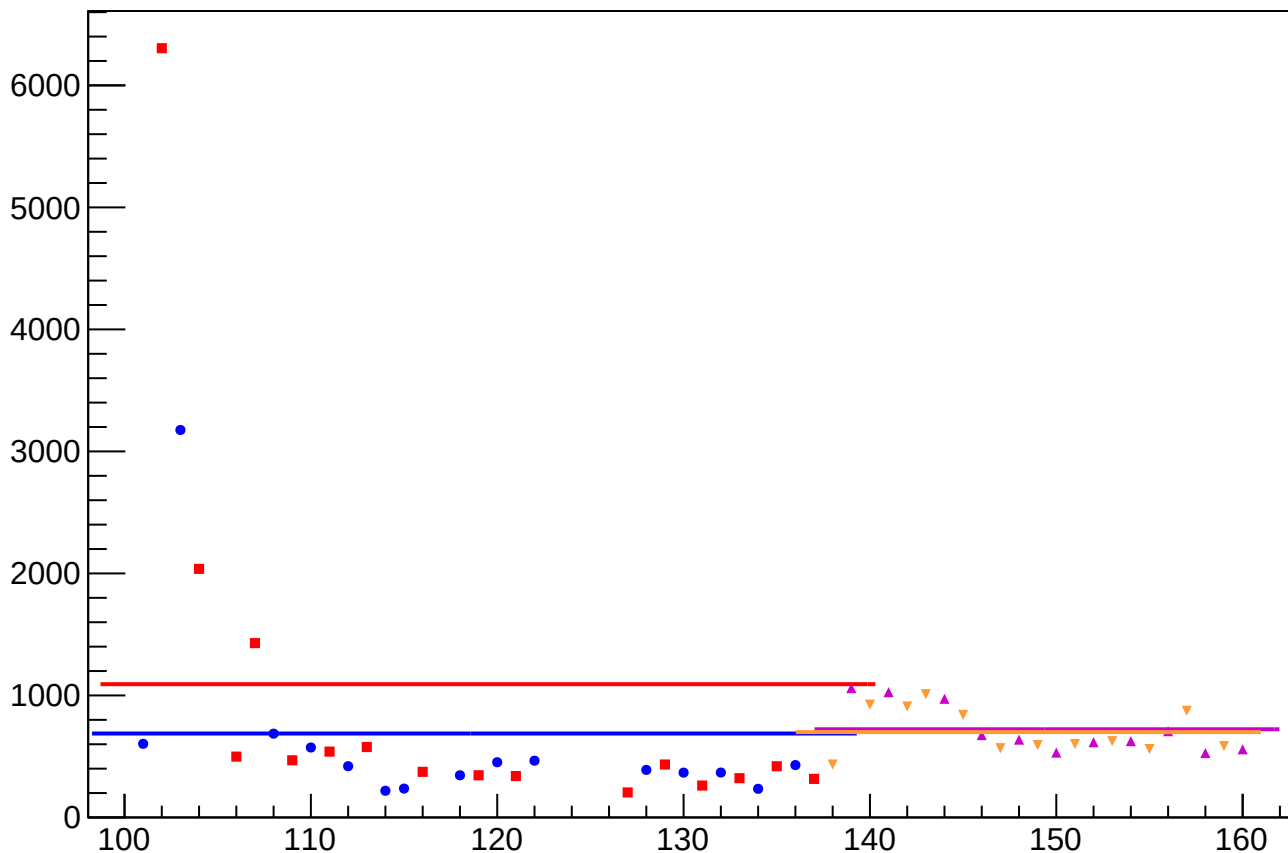
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atl1_coil1_mean vs Slug



Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -13660.650 ± 0.000 $\chi^2/\text{NDF}: 137996899958511608921126321459037955162112.0/11$
 Right Out: -10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$
 Left In: -18181.504 ± 0.000 $\chi^2/\text{NDF}: 1643617183572647868818914289162838343680.0/10$

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

+ sign 694.726+/-0.000 χ^2/NDF : 437631008003960

Left Out: 699.529+/-0.000 χ^2/NDF : 28282813130903909256088396264464449536.0/11

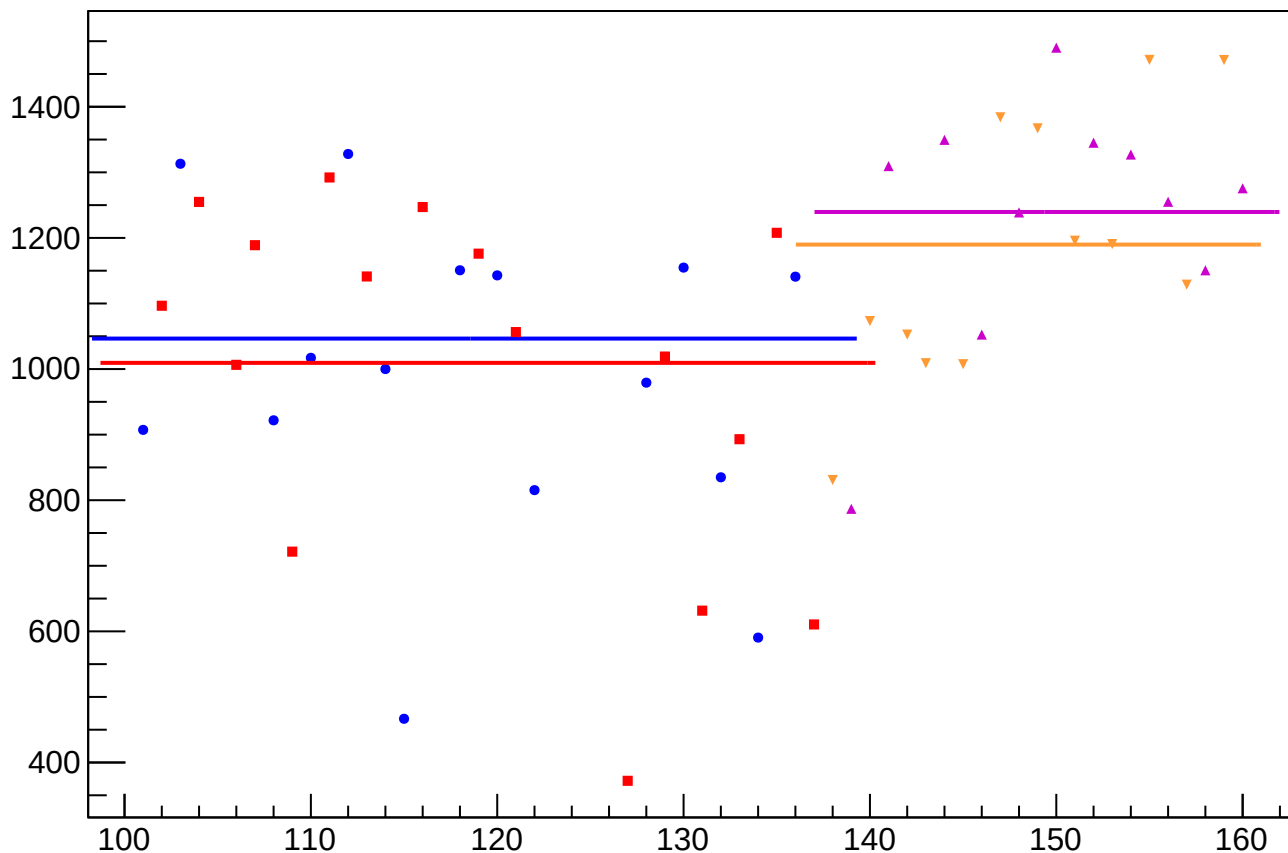
All: 786.917+/-0.000 χ^2/NDF : 243382664775

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

- sign 877.659+/-0.000 χ^2/NDF : 196978539018965

Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

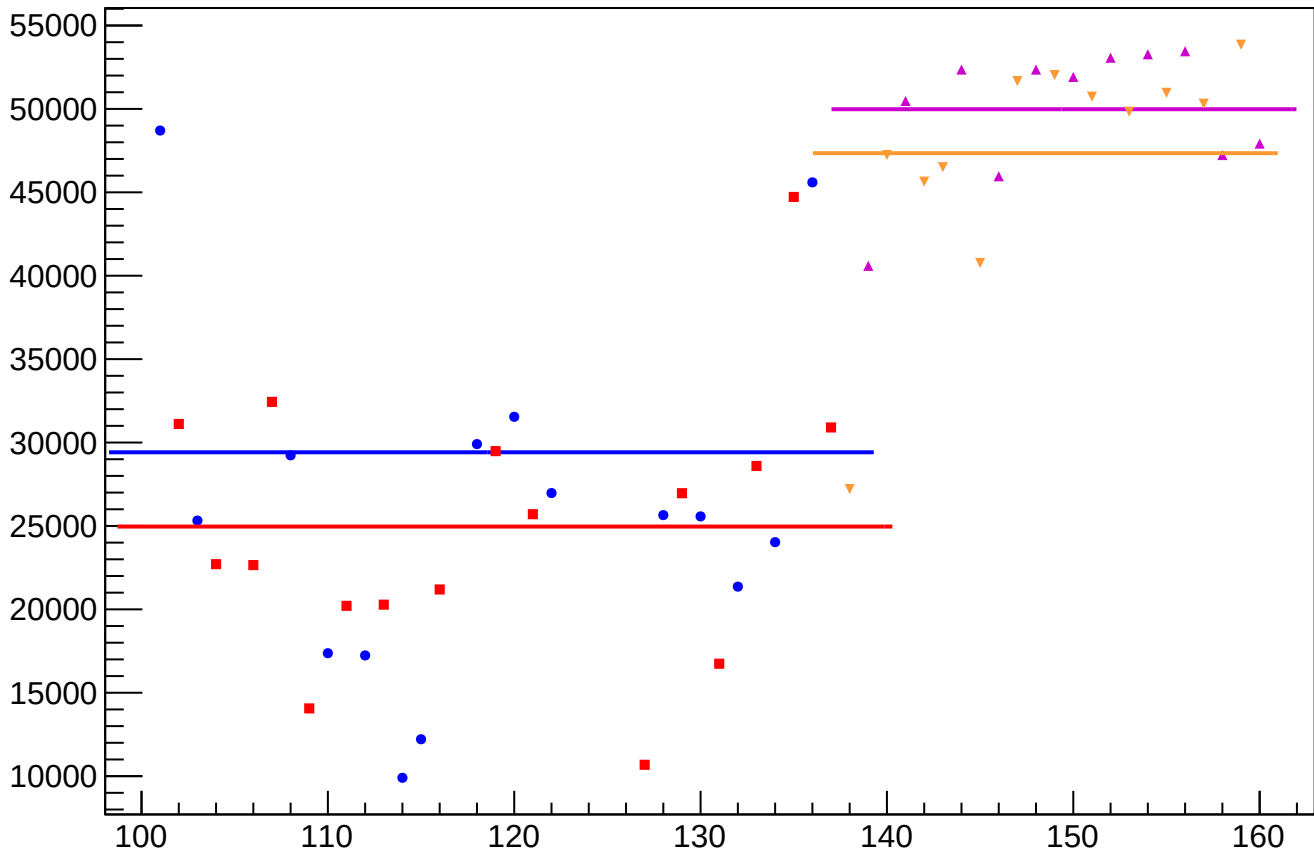
Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF : 68161846076800
 All: 1136.802+/-0.000 χ^2/NDF : 16251853607
 - sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

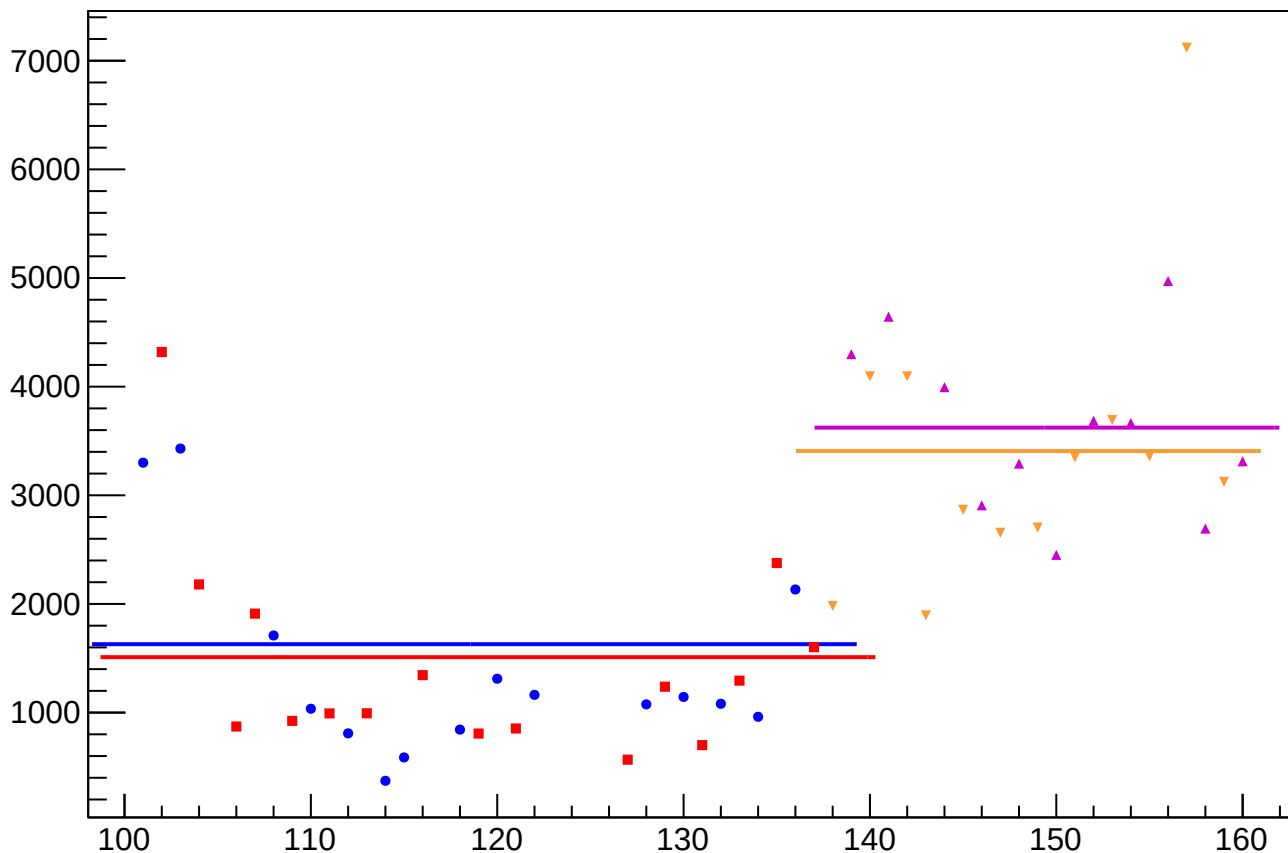
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47346.512+/-0.000	χ^2/NDF : 45161873845138471299889685507142267699200.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

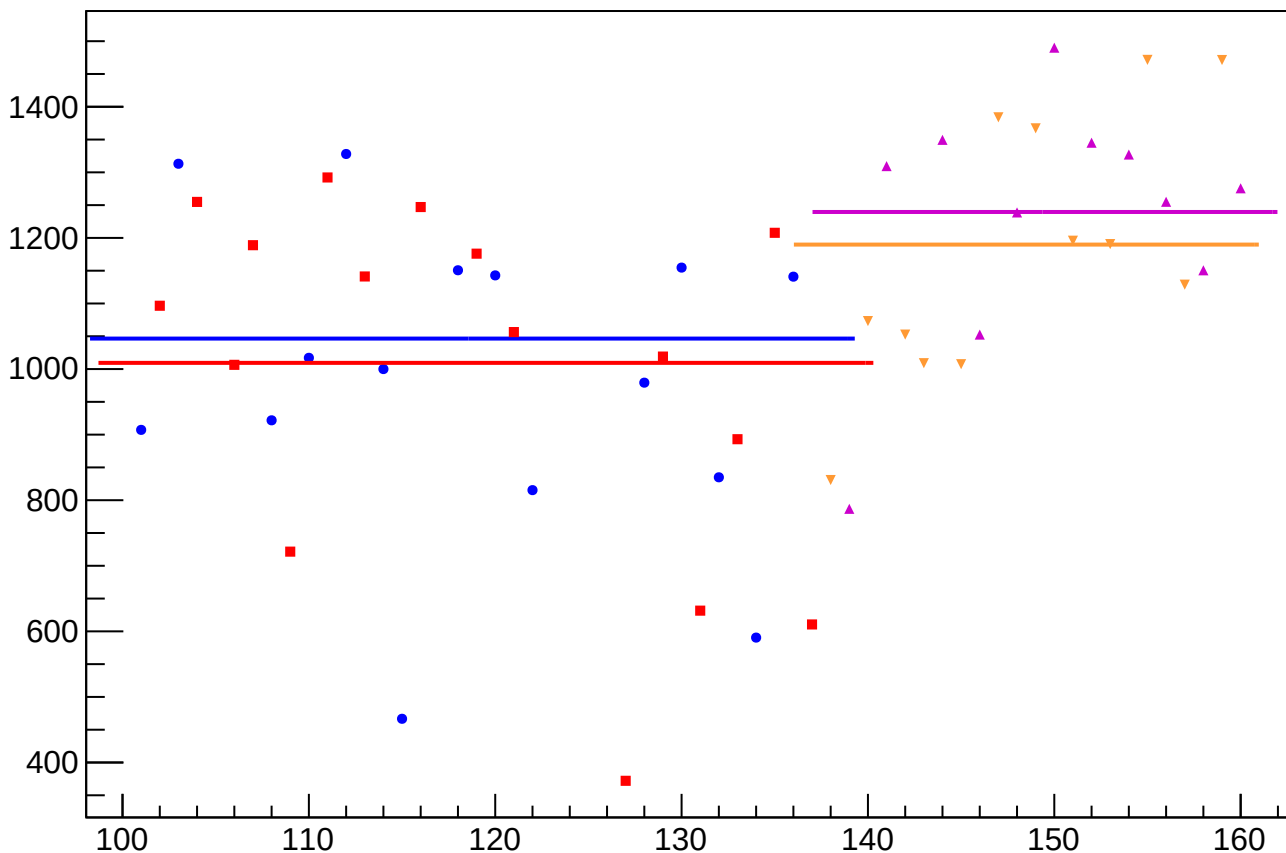
+ sign 39915.469+/-0.000 χ^2/NDF : 2391113044287
 All: 39702.686+/-0.000 χ^2/NDF : 5408657163
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF : 551738555355028902194697896437152219136.0/14
 Left Out: 3407.741+/-0.000 χ^2/NDF : 1584870057929033939797166763050451075072.0/11
 Right Out: 1510.293+/-0.000 χ^2/NDF : 688231904046816211321774524619745656832.0/15
 Left In: 3623.095+/-0.000 χ^2/NDF : 537714450371269509719141411292840984576.0/10

dit_atl2_coil1_Ndata_mean vs Slug



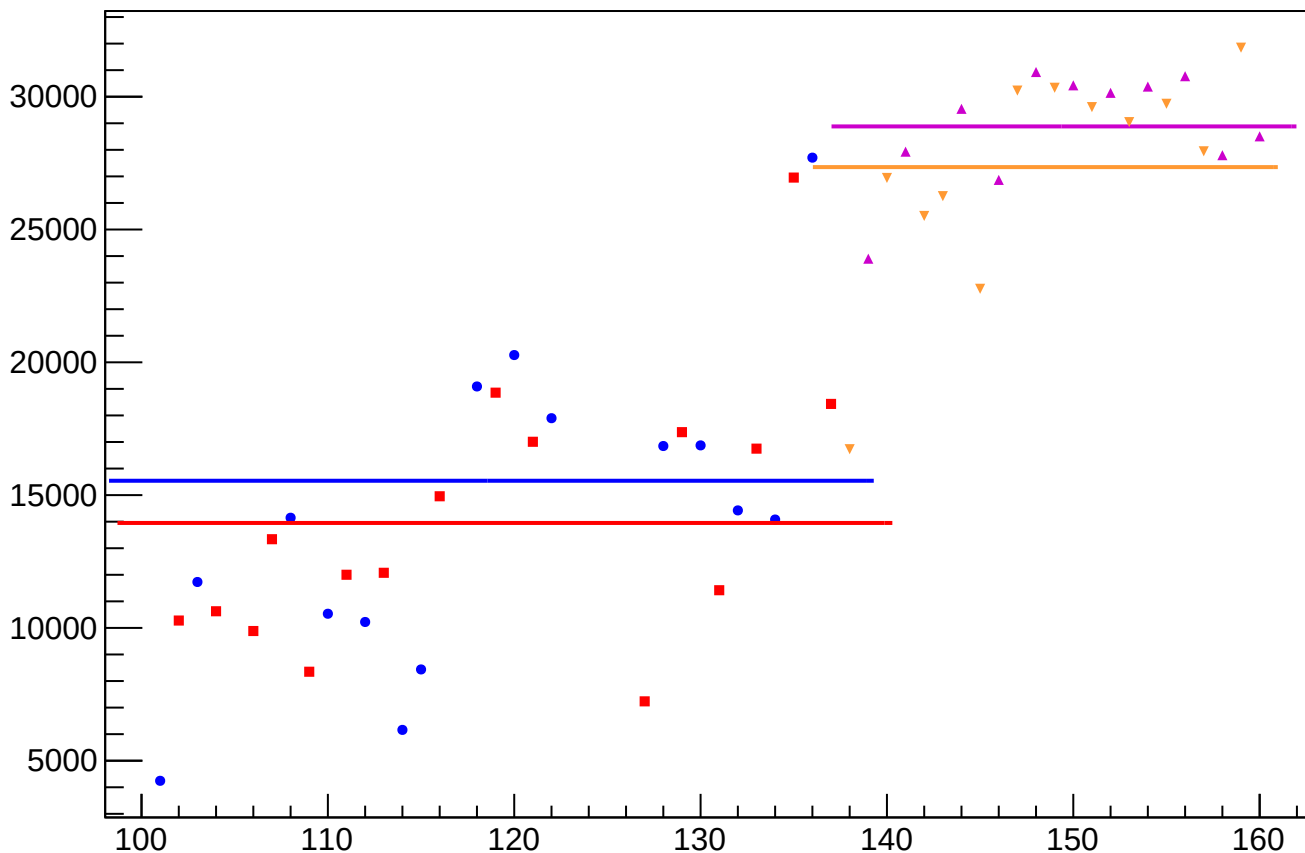
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

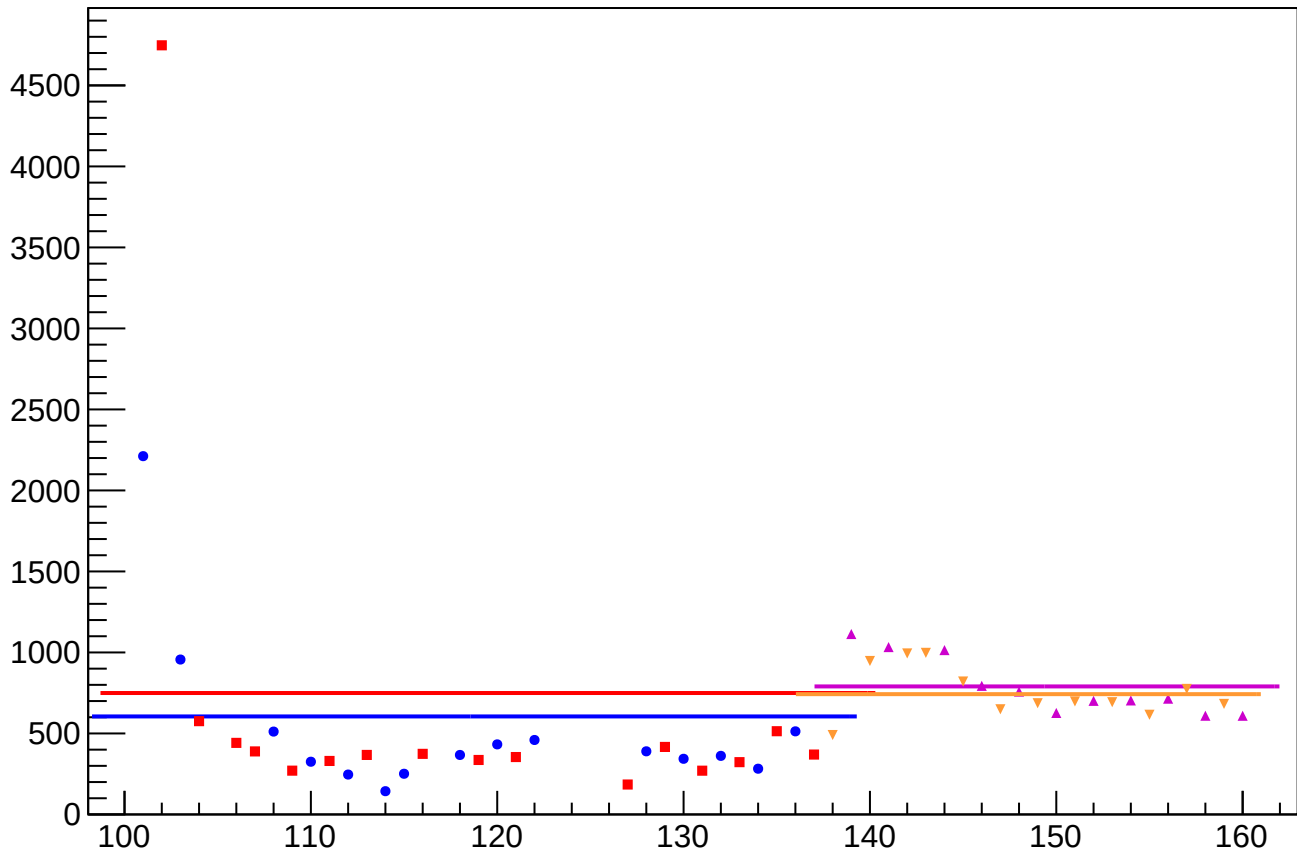
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 27349.847+/-0.000	χ^2/NDF : 14883456917386062267776172319393710080000.0/11
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28881.771+/-0.000	χ^2/NDF : 3761764043421234560623243625754374701056.0/10

+ sign 22455.798+/-0.000 χ^2/NDF : 9526429400020
 All: 22539.875+/-0.000 χ^2/NDF : 2023487718
 - sign 22622.631+/-0.000 χ^2/NDF : 1070625118466

dit_atr1_coil1_err_mean vs Slug



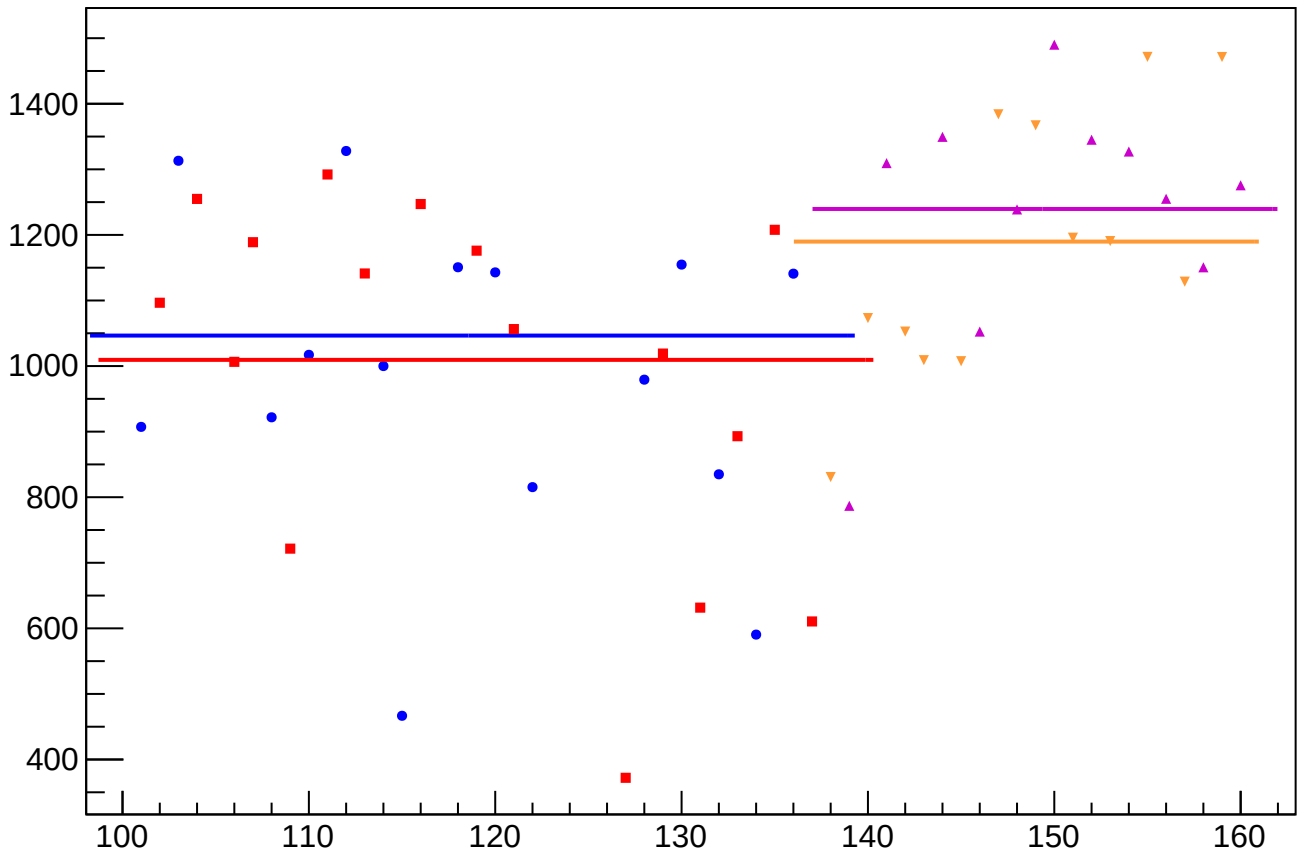
Right In: 605.034+/-0.000	χ^2/NDF : 189401522791607614448600157723362852864.0/14
Left Out: 742.547+/-0.000	χ^2/NDF : 19133072840660474437485049781053030400.0/11
Right Out: 749.582+/-0.000	χ^2/NDF : 1021358768377495935693748779804344188928.0/15
Left In: 790.283+/-0.000	χ^2/NDF : 27375995163011560101349166949437800448.0/10

+ sign 685.557+/-0.000 χ^2/NDF : 215721008292600

All: 729.736+/-0.000 χ^2/NDF : 127116228852

- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

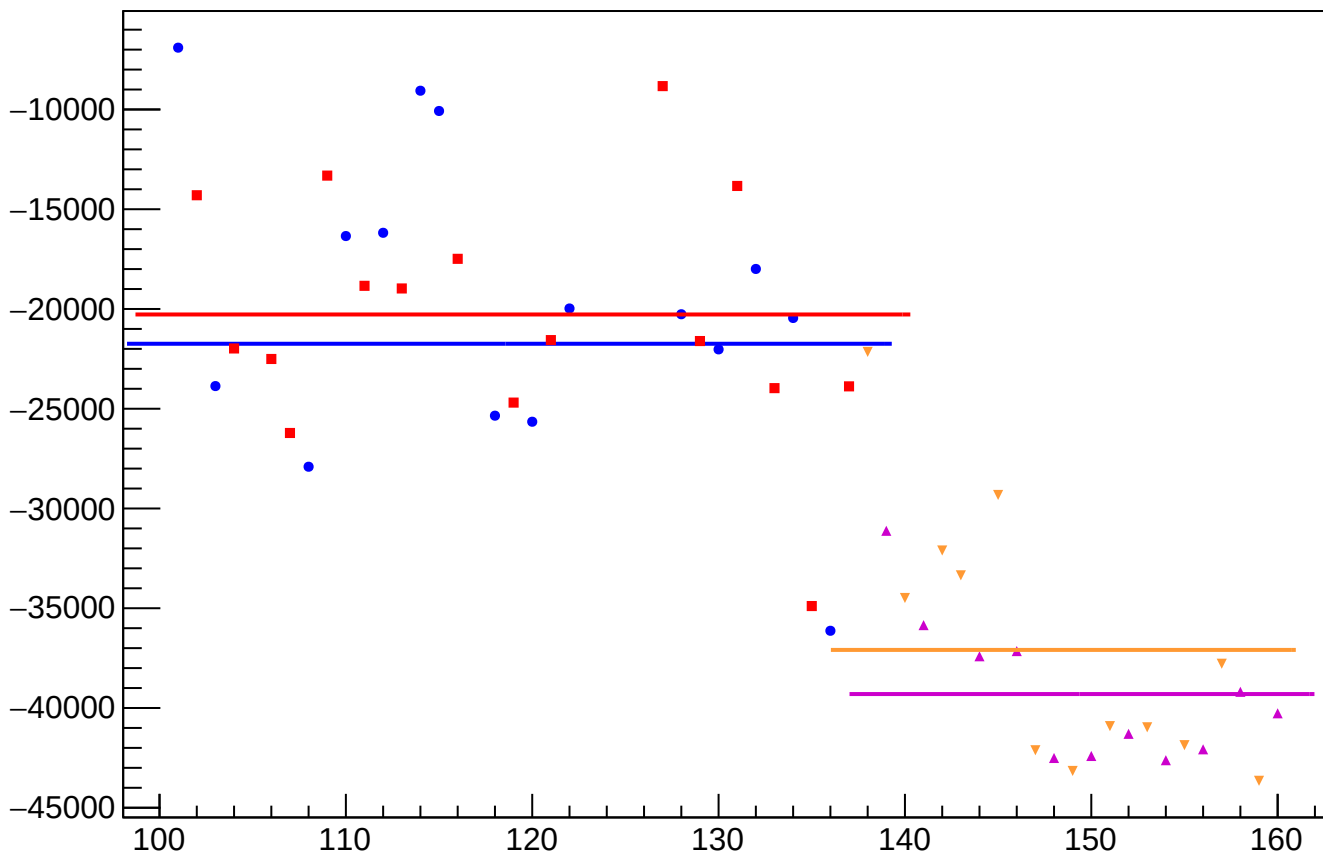
Left Out: 1189.821 ± 0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

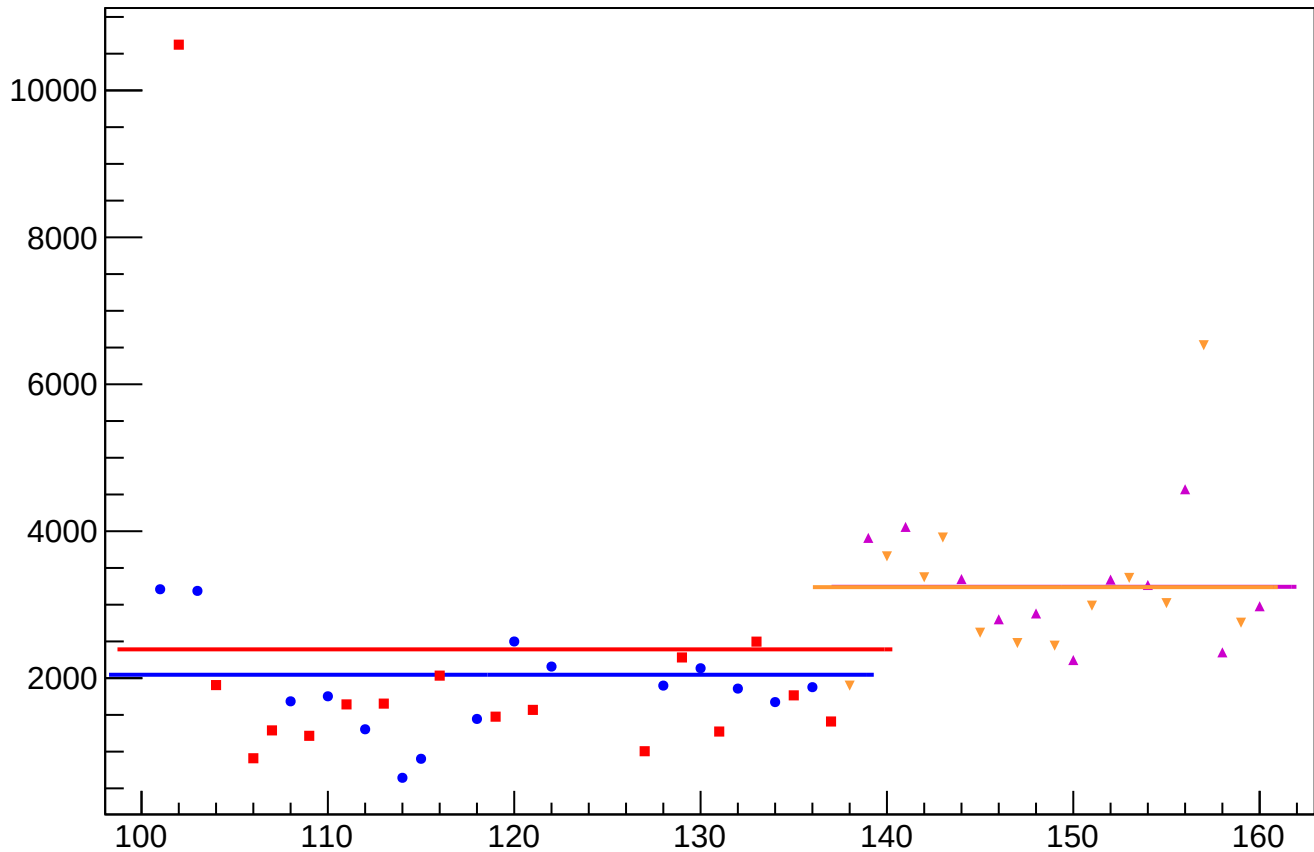
All: 1136.802 ± 0.000 χ^2/NDF : 16251853607.0/10

dit_atr2_coil1_mean vs Slug



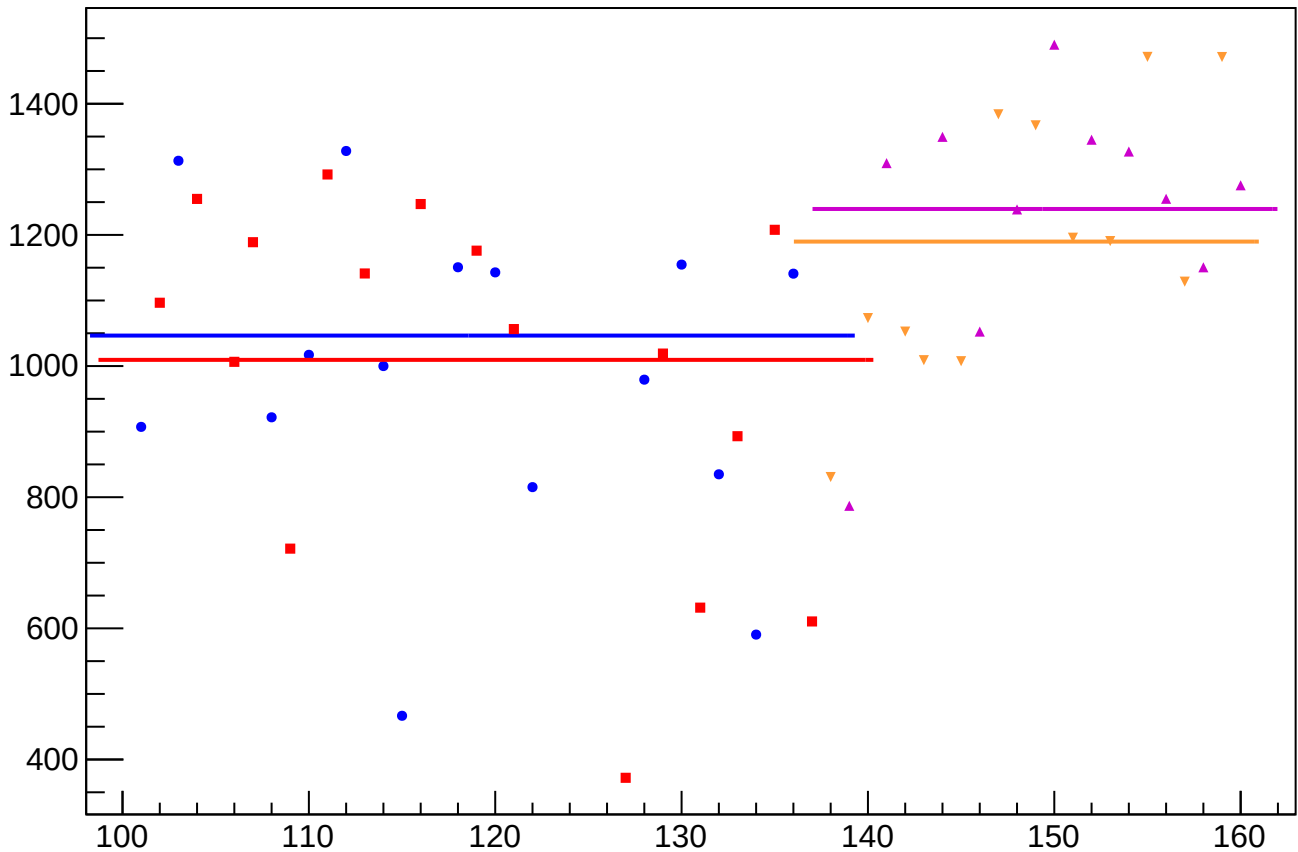
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37089.024+/-0.000 χ^2/NDF : 37696615174692315635920208068597564571648.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



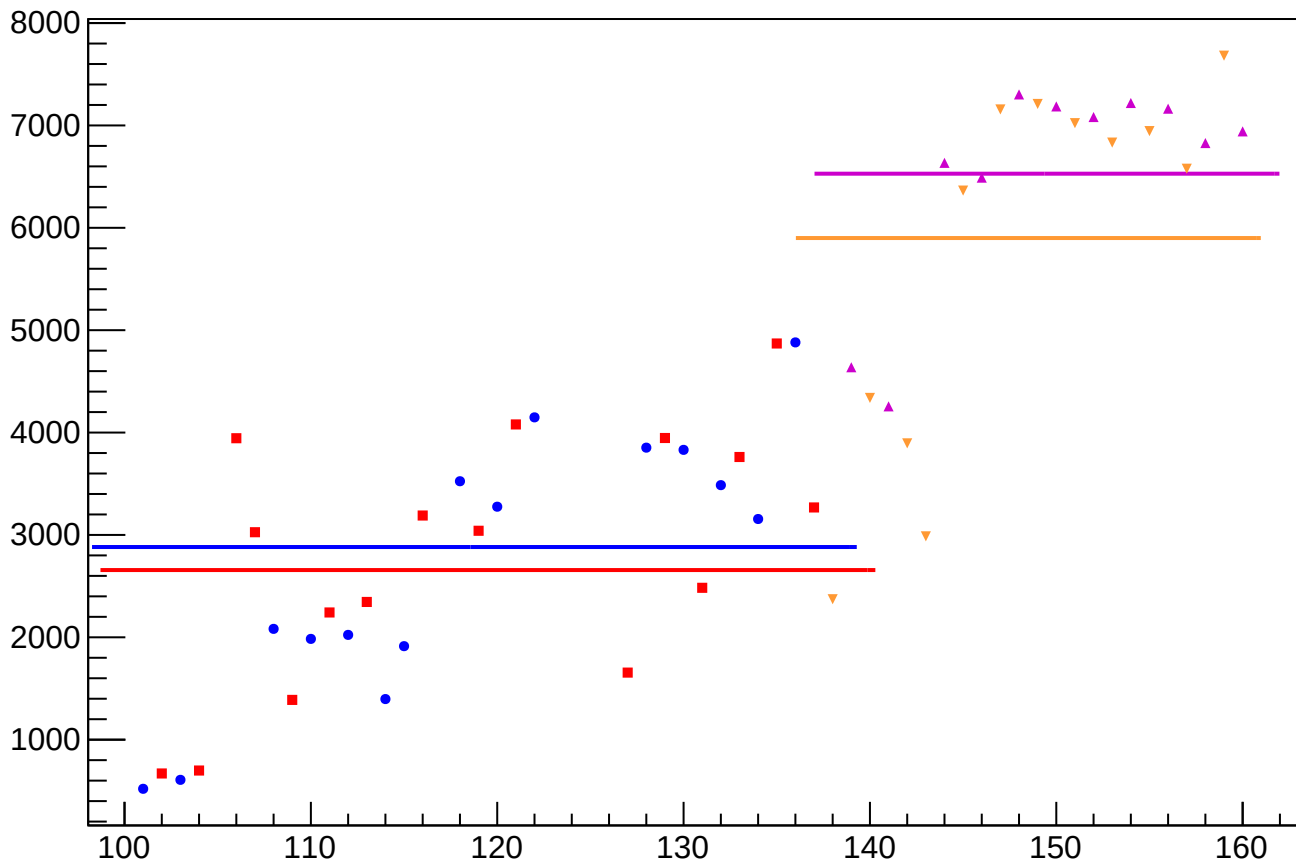
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2744.544+/-0.000	χ^2/NDF : 20077660522649
Left Out: 3238.684+/-0.000	χ^2/NDF : 1200935390034847061403610621854649155584.0/11	All: 2816.077+/-0.000	χ^2/NDF : 71426046824
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



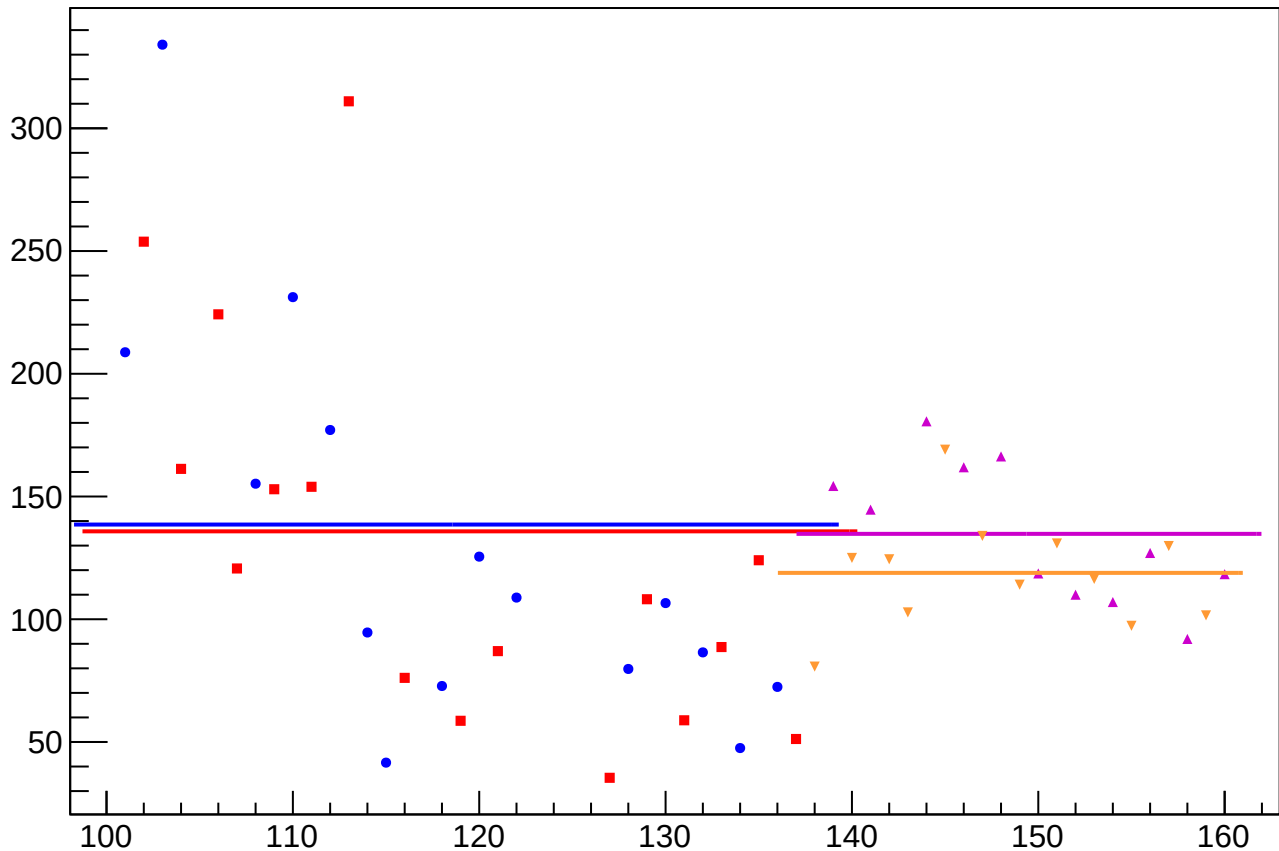
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



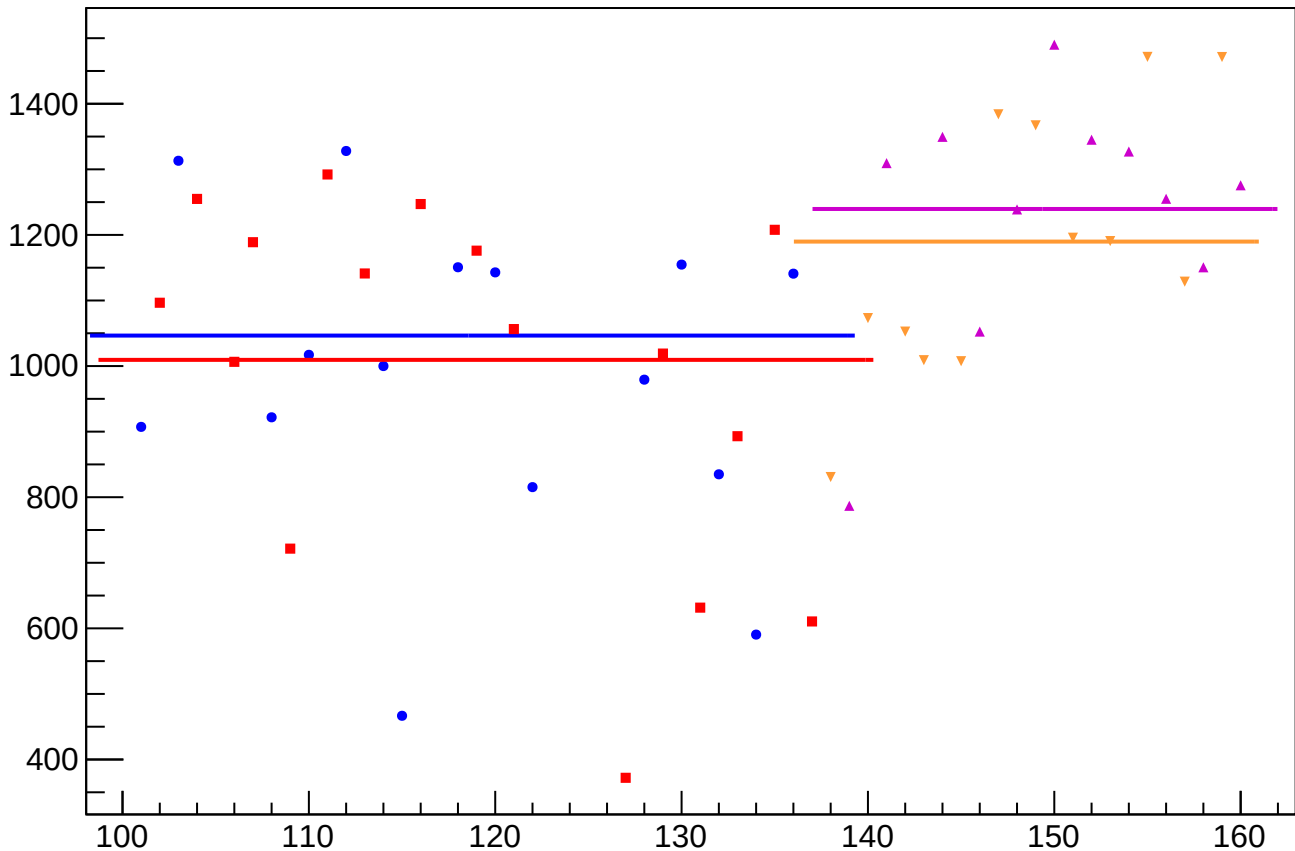
Right In: 2881.935+/-0.000	χ^2/NDF : 1320319391496525533692082365878834823168.0/14	+ sign 4649.303+/-0.000	χ^2/NDF : 75399616653013
Left Out: 5900.145+/-0.000	χ^2/NDF : 2757689906494435175416115853599080185856.0/11	All: 4778.421+/-0.000	χ^2/NDF : 15416993926
Right Out: 2656.918+/-0.000	χ^2/NDF : 1077696846216053561130716877125509447680.0/15	- sign 4905.510+/-0.000	χ^2/NDF : 78252276547187
Left In: 6528.681+/-0.000	χ^2/NDF : 940619832290547661204641528694924378112.0/10		

dit_sam1_coil1_err_mean vs Slug



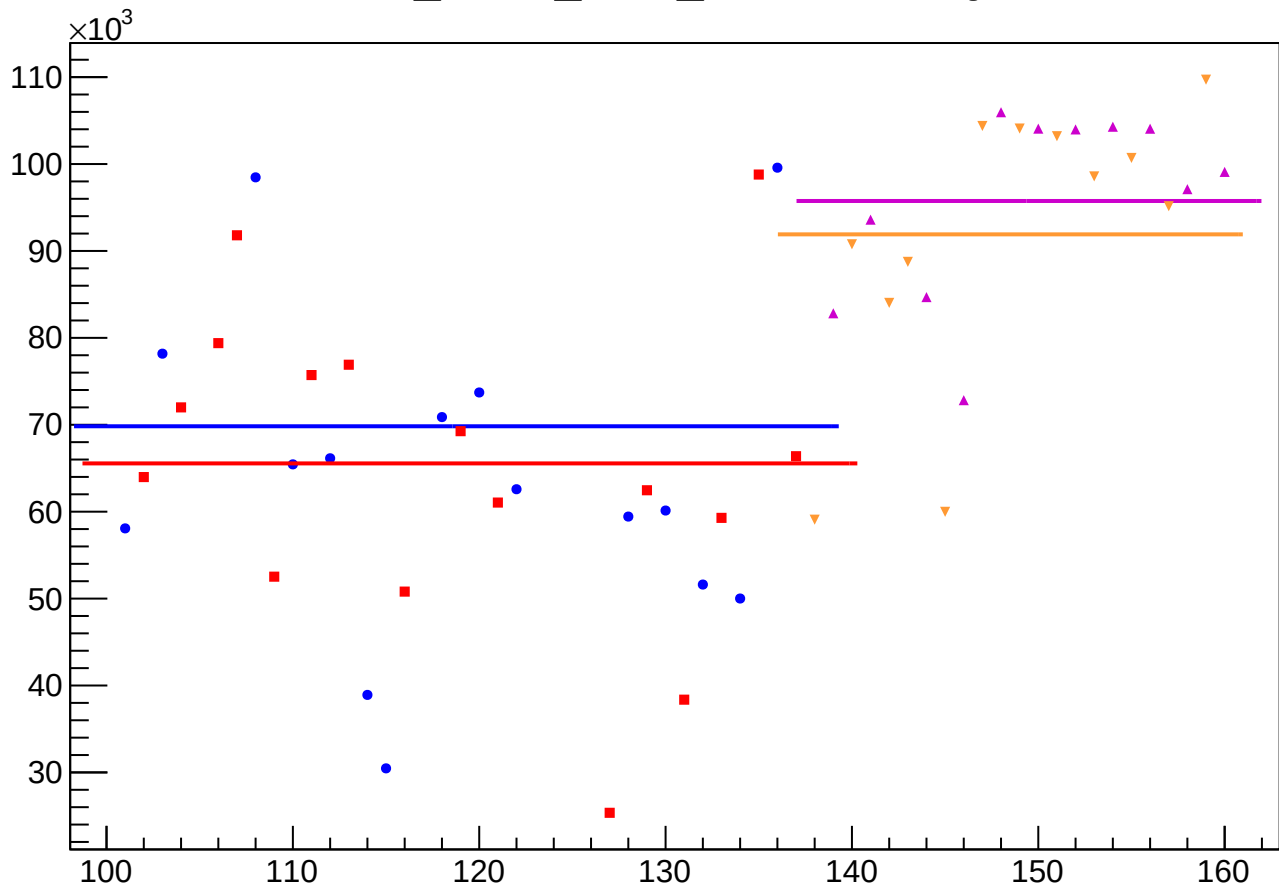
Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14	+ sign 127.050+/-0.000	χ^2/NDF : 483097055203975
Left Out: 118.892+/-0.000	χ^2/NDF : 441331340602238377798748666087866368.0/11	All: 131.165+/-0.000	χ^2/NDF : 953019186952
Right Out: 135.809+/-0.000	χ^2/NDF : 3956401741862524263243160868173643776.0/15	- sign 135.214+/-0.000	χ^2/NDF : 464661599123883
Left In: 134.785+/-0.000	χ^2/NDF : 689808602632315539029860685392642048.0/10		

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

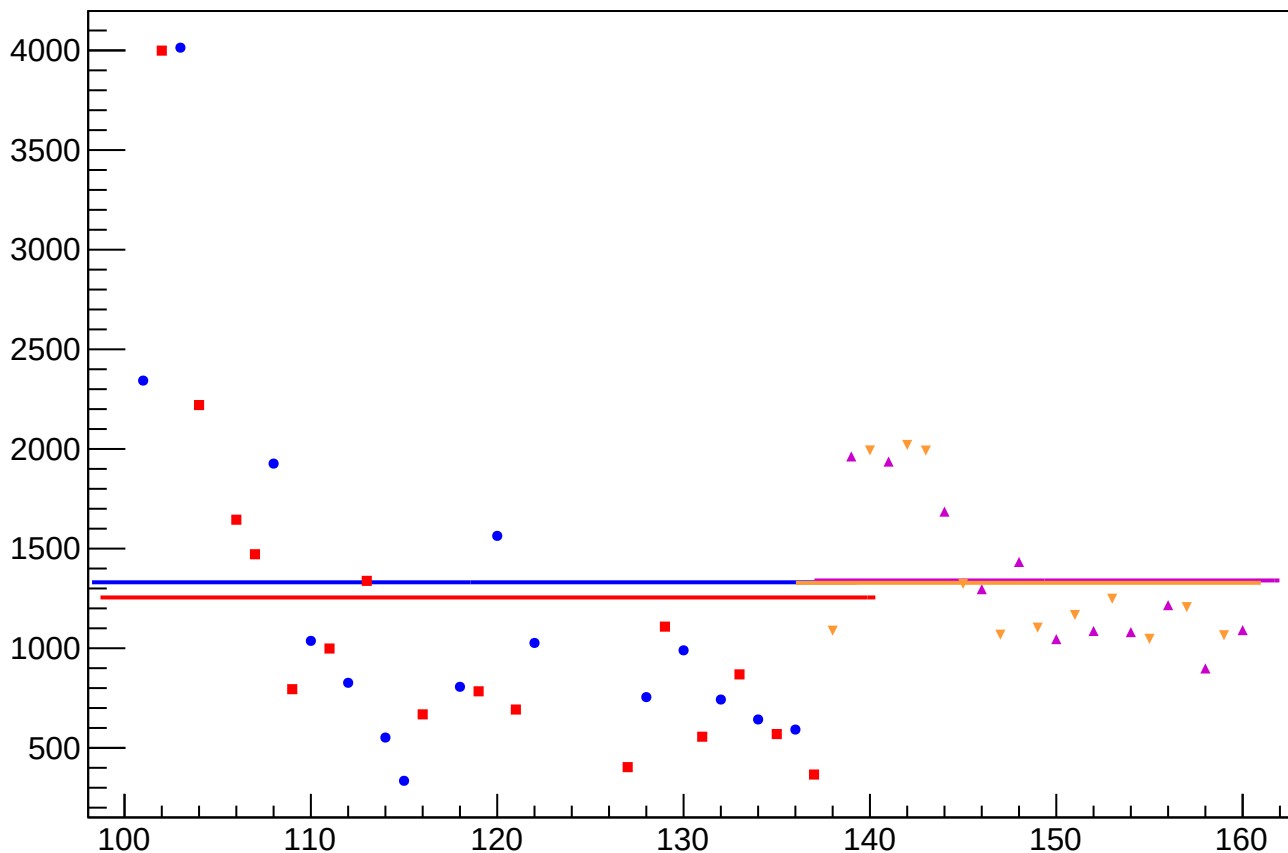
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 91909.028 $\pm$ 0.000	χ^2 /NDF: 240792875976910962309751824422513810604032.0/11
Right Out: 65555.147 $\pm$ 0.000	χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
Left In: 95749.411 $\pm$ 0.000	χ^2 /NDF: 102376761881530271427340284738693826084864.0/10

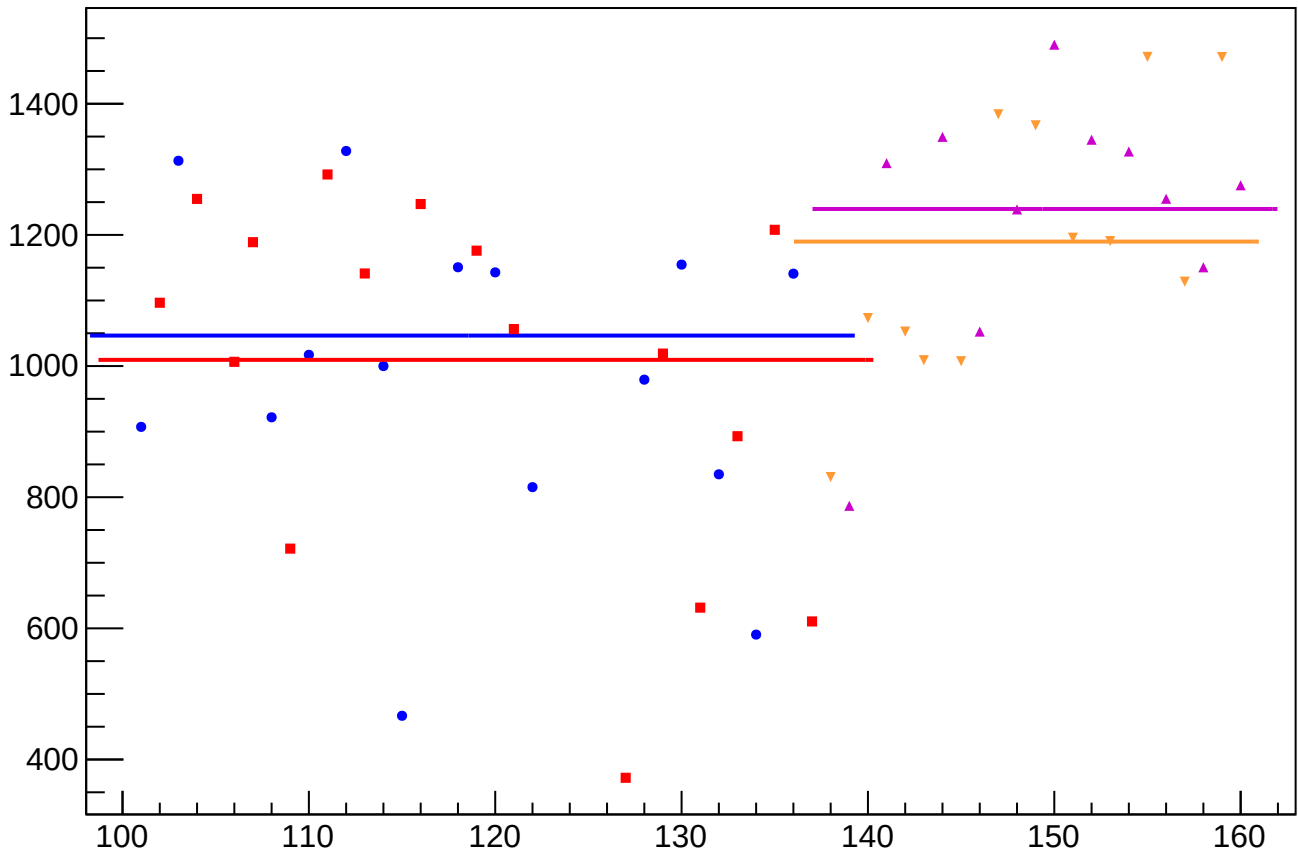
+ sign 82757.866 $\pm$ 0.000 χ^2 /NDF: 6138933402345
 All: 82925.739 $\pm$ 0.000 χ^2 /NDF: 1281523212
 - sign 83090.974 $\pm$ 0.000 χ^2 /NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



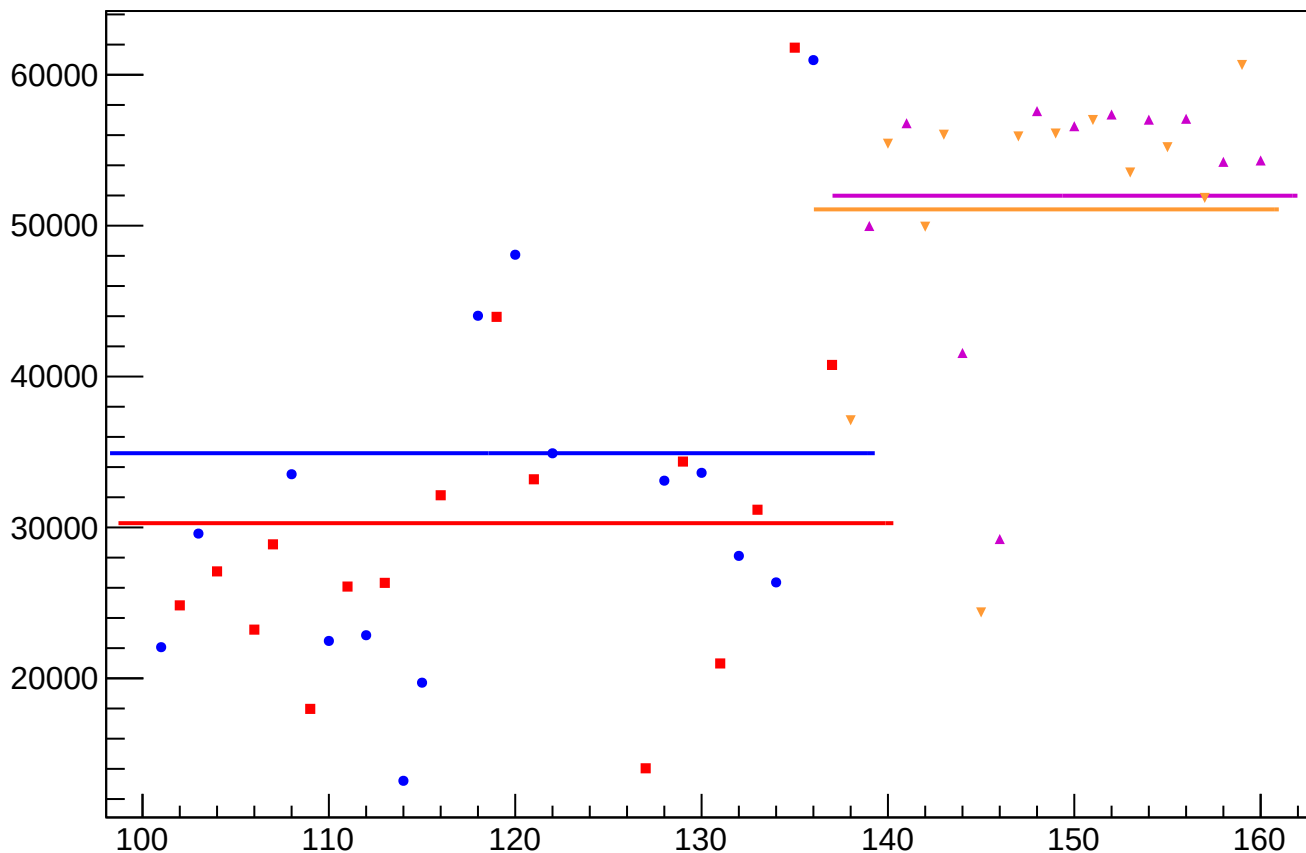
Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1328.309+/-0.000 χ^2/NDF : 117346287967386958303859795101623517184.0/11
 Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

dit_sam2_coil1_Ndata_mean vs Slug



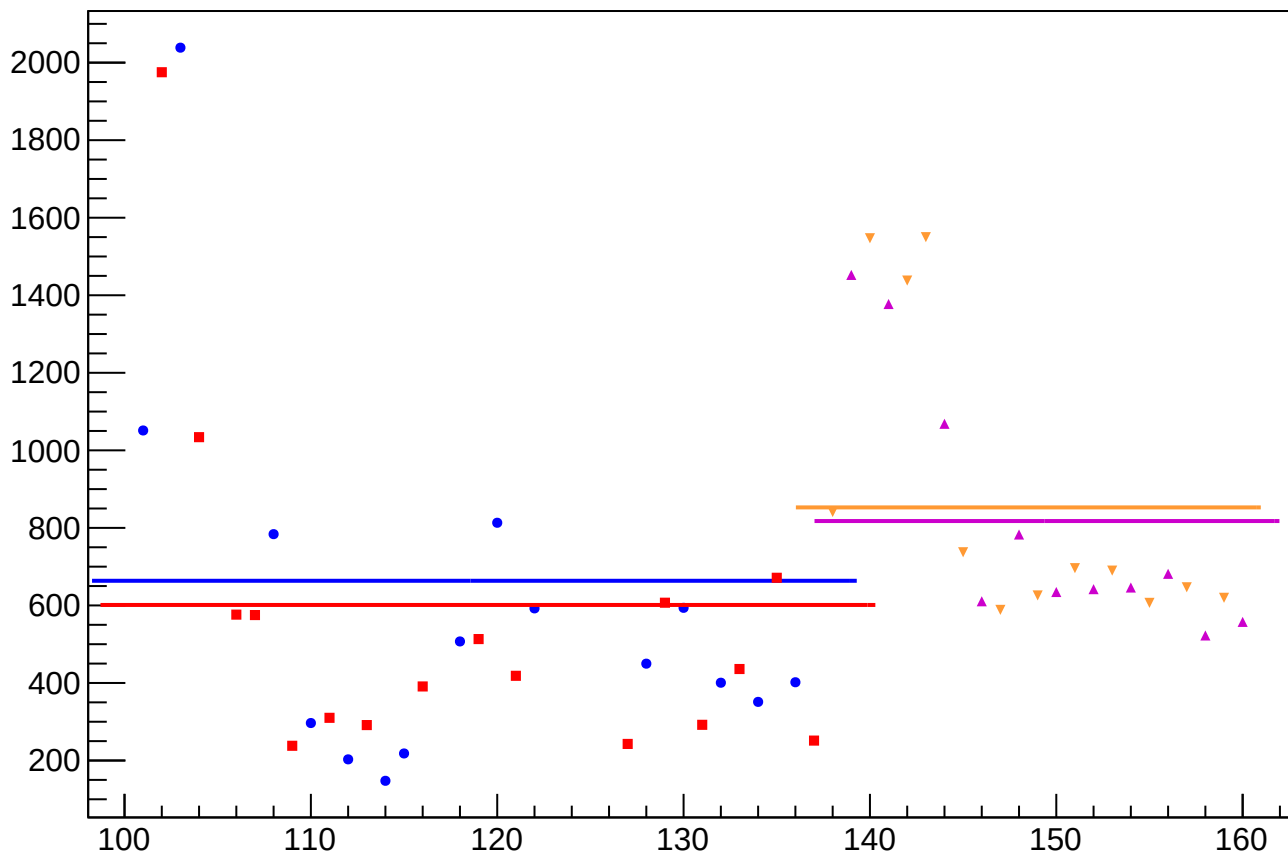
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 51078.913+/-0.000 χ^2/NDF : 92171566183632008367490399553102026899456.0/11
 Right Out: 30282.373+/-0.000 χ^2/NDF : 88346165266593126627598951693506073067520.0/15
 Left In: 51985.374+/-0.000 χ^2/NDF : 67172587579518863379504132116294676774912.0/10

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 852.828+/-0.000 χ^2/NDF : 115391521173207267272974066416613326848.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

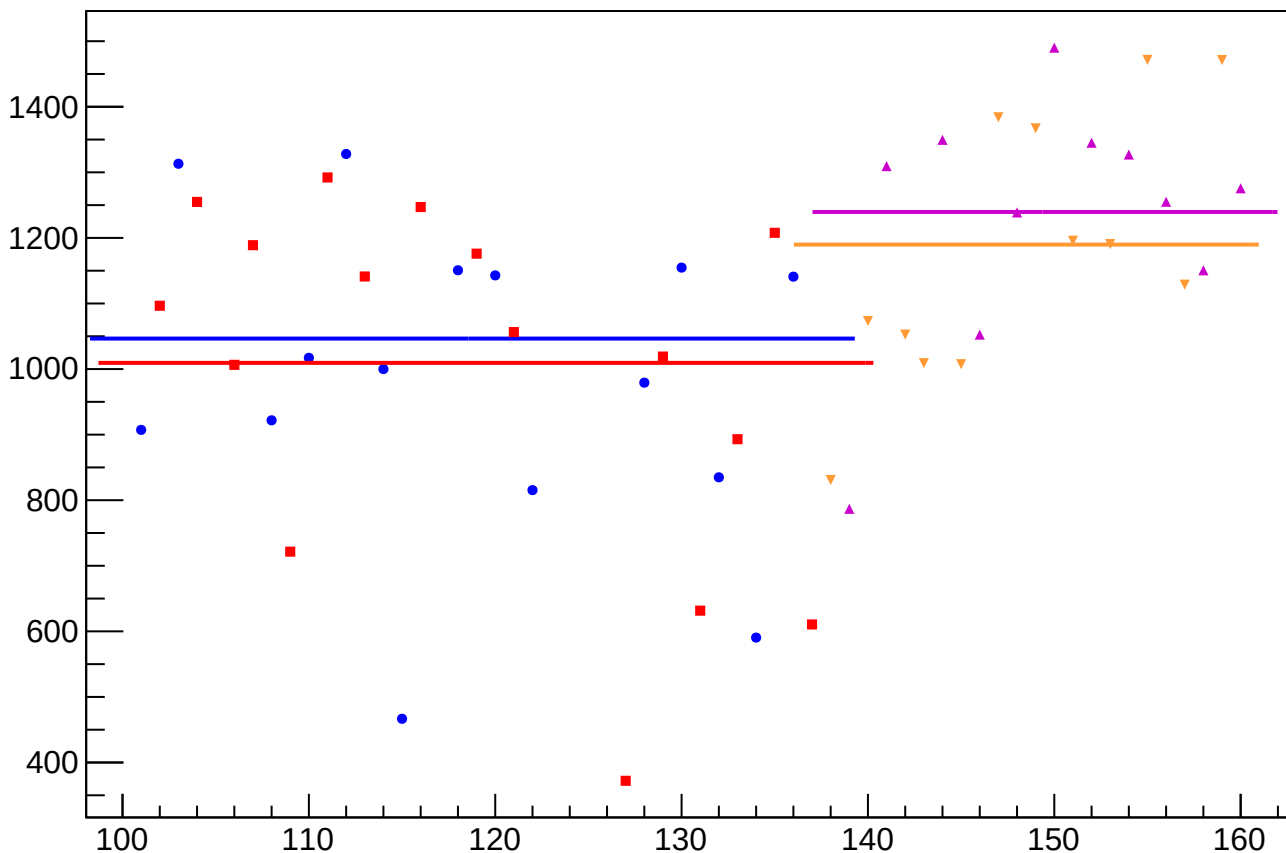
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 774.395+/-0.000 χ^2/NDF : 286695061420432

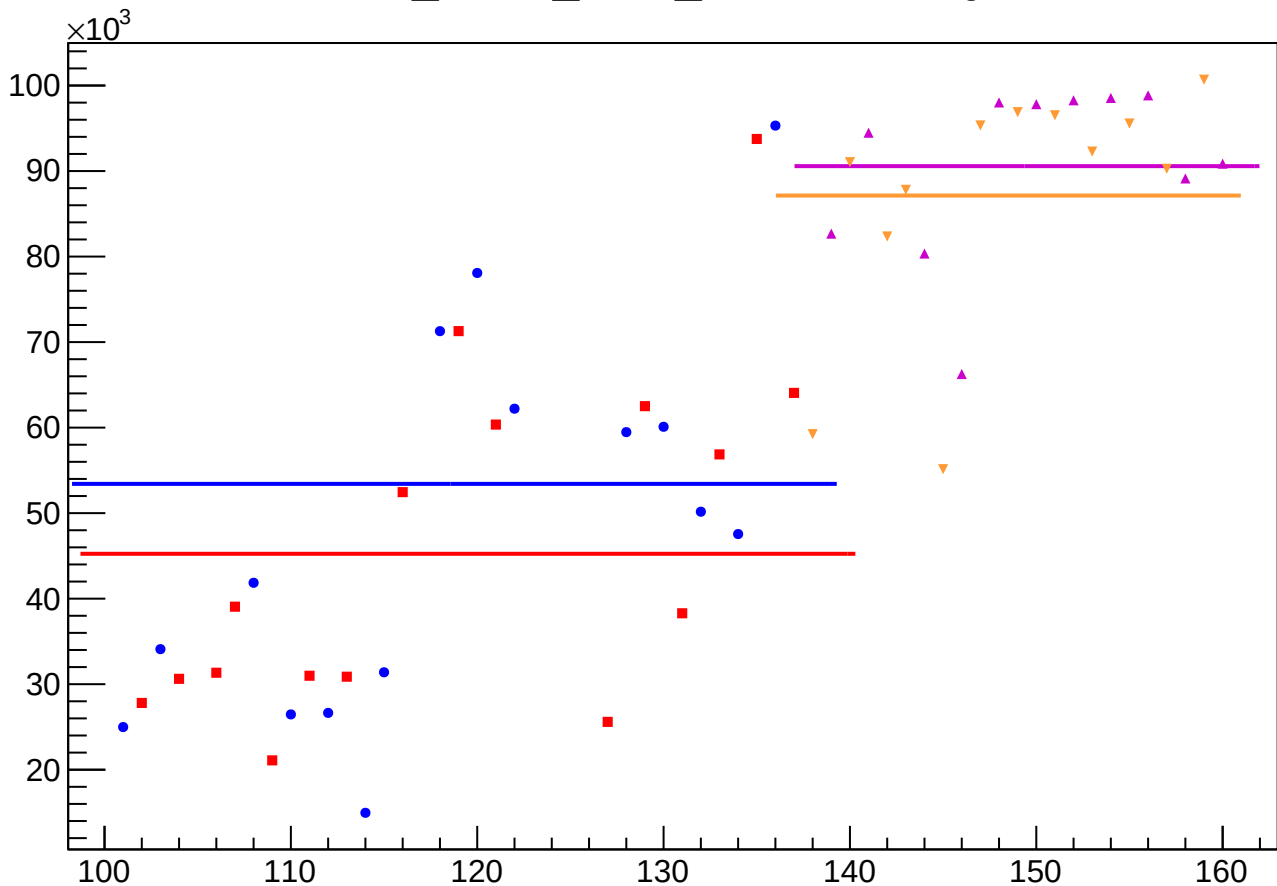
All: 750.468+/-0.000 χ^2/NDF : 546768442745

- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug

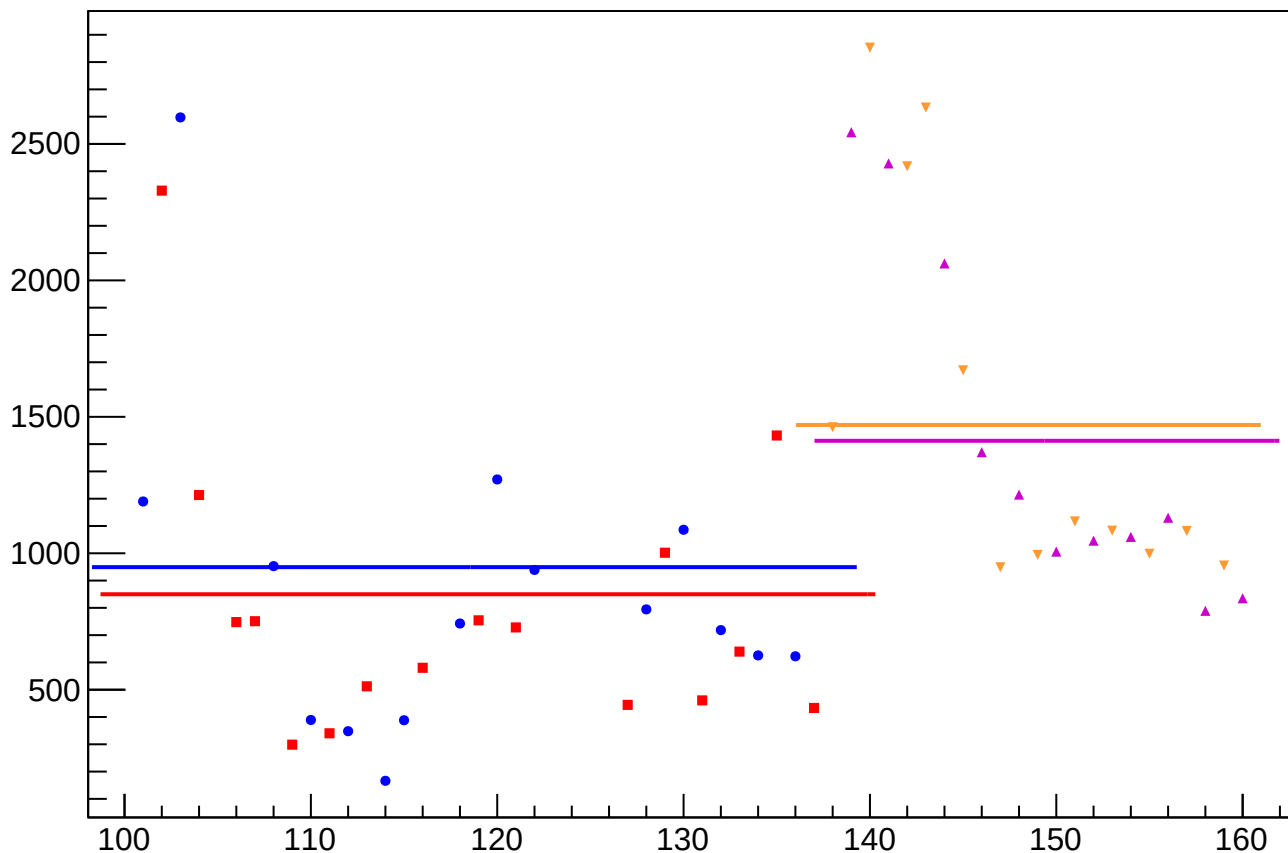


dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 87135.960+/-0.000 χ^2/NDF : 189391741344290721413233098775018944331776.0/11
 Right Out: 45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 90573.760+/-0.000 χ^2/NDF : 90574081394354221593949262312406685581312.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

+ sign 1254.262+/-0.000 χ^2/NDF : 73442755176588

Left Out: 1470.170+/-0.000 χ^2/NDF : 405590375156650172280507211961333710848.0/11

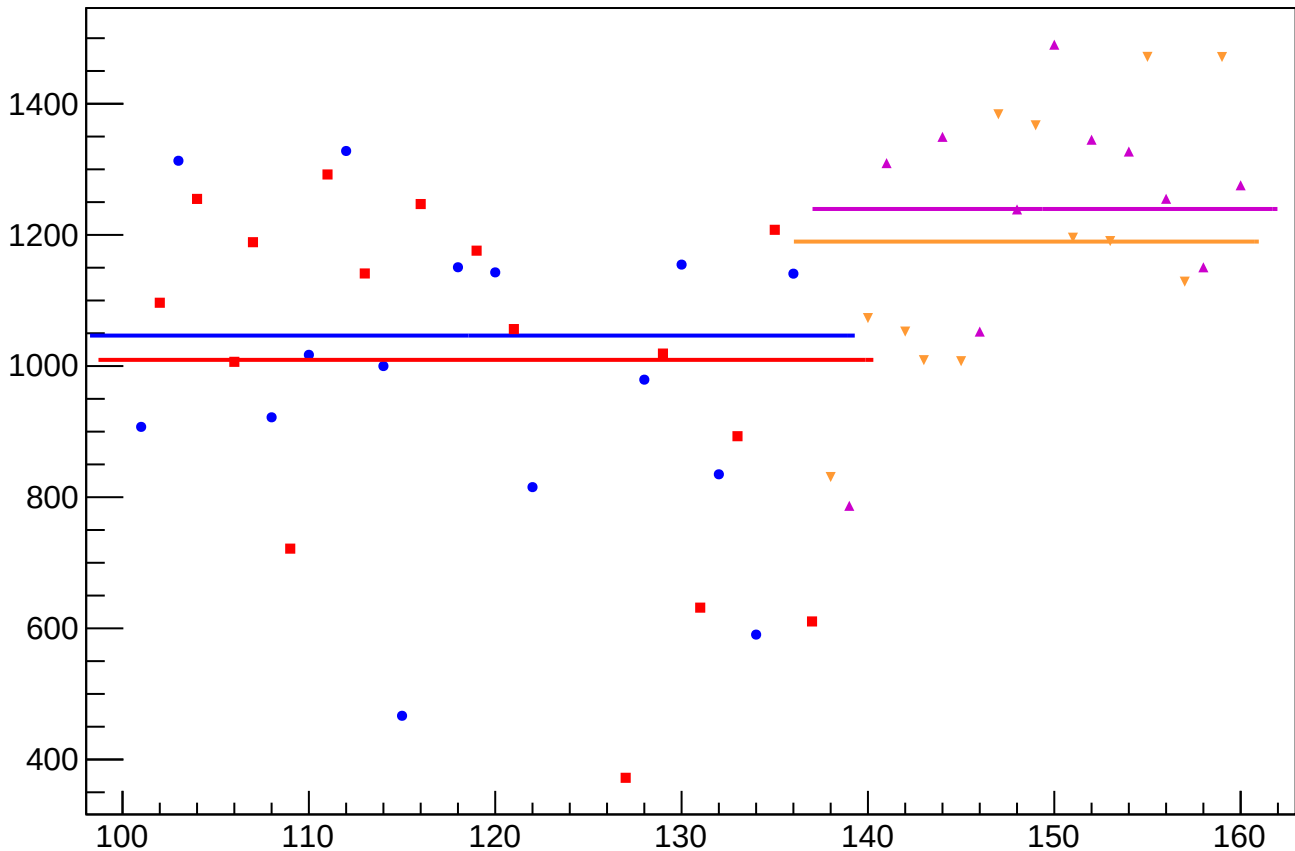
All: 1215.036+/-0.000 χ^2/NDF : 13988660809

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

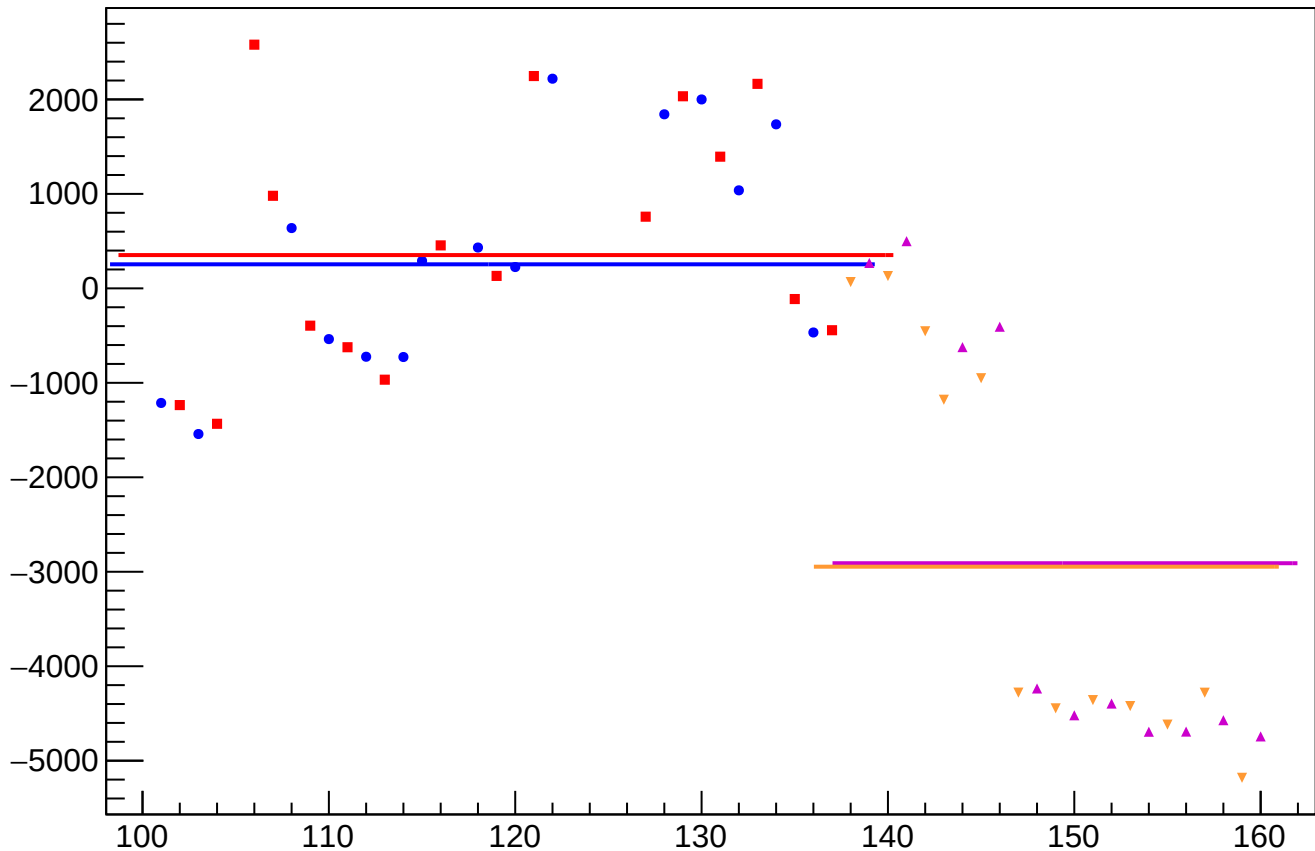
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



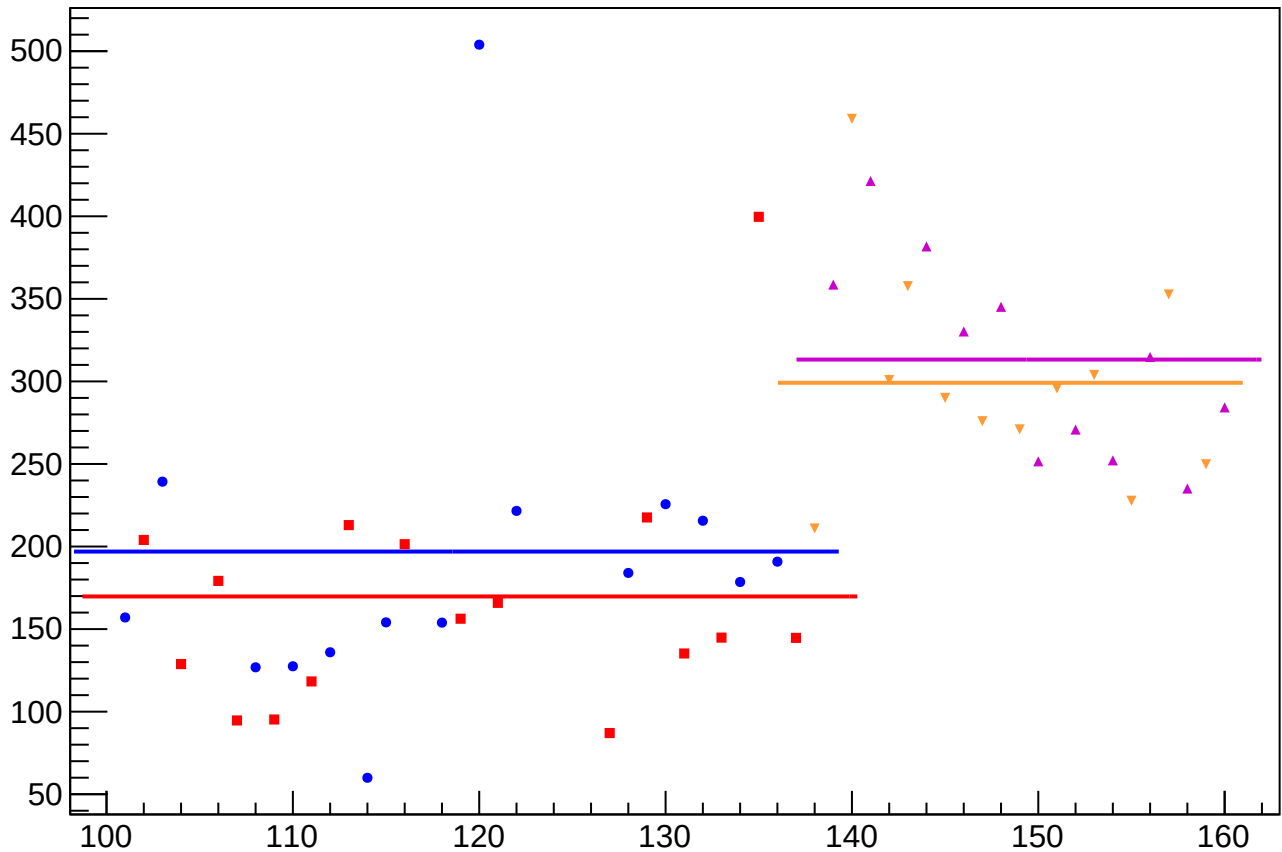
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -2946.326+/-0.000 χ^2/NDF : 3731127313953628227585948865105357701120.0/11

Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

Left In: -2909.545+/-0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

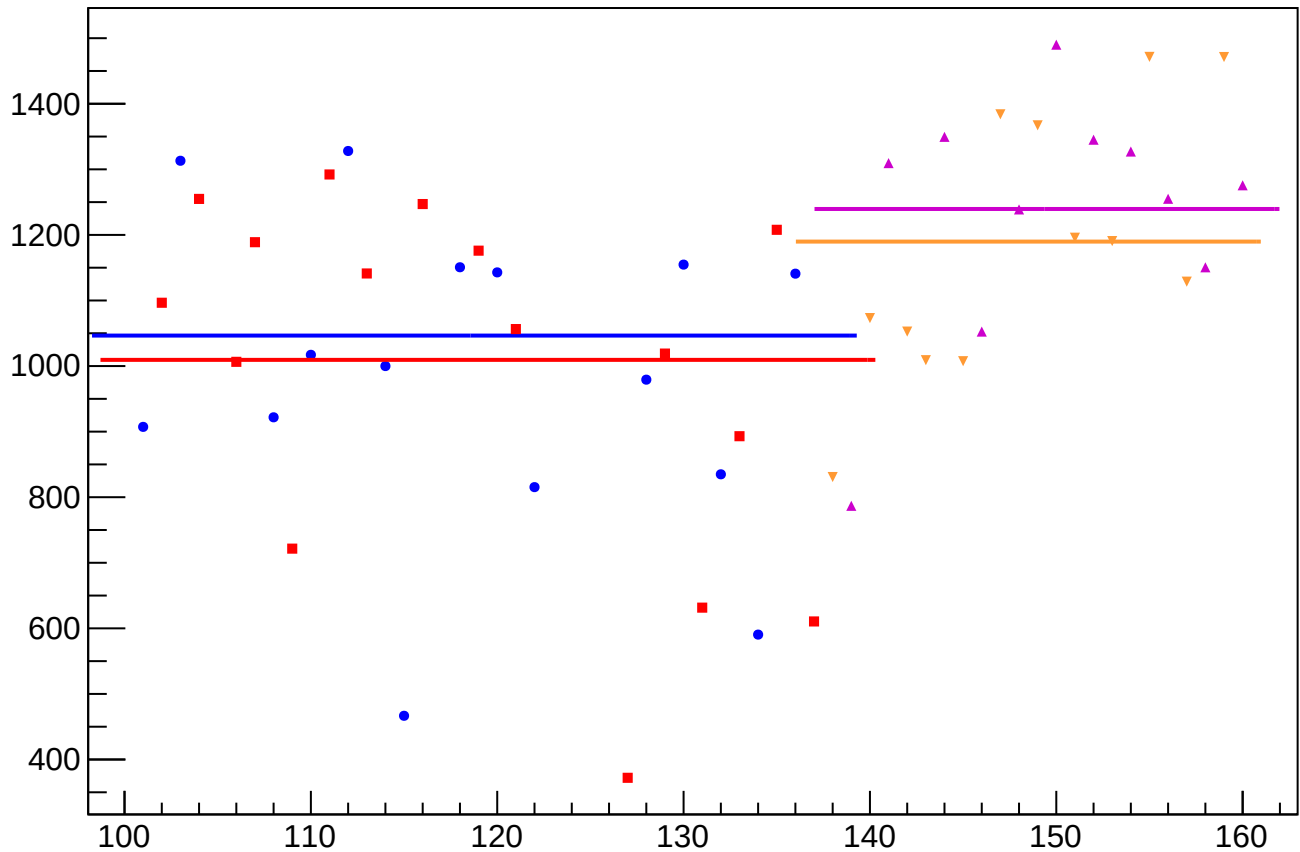
dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14
Left Out: 299.172+/-0.000	χ^2/NDF : 3880381264543200500455029030889979904.0/11
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10

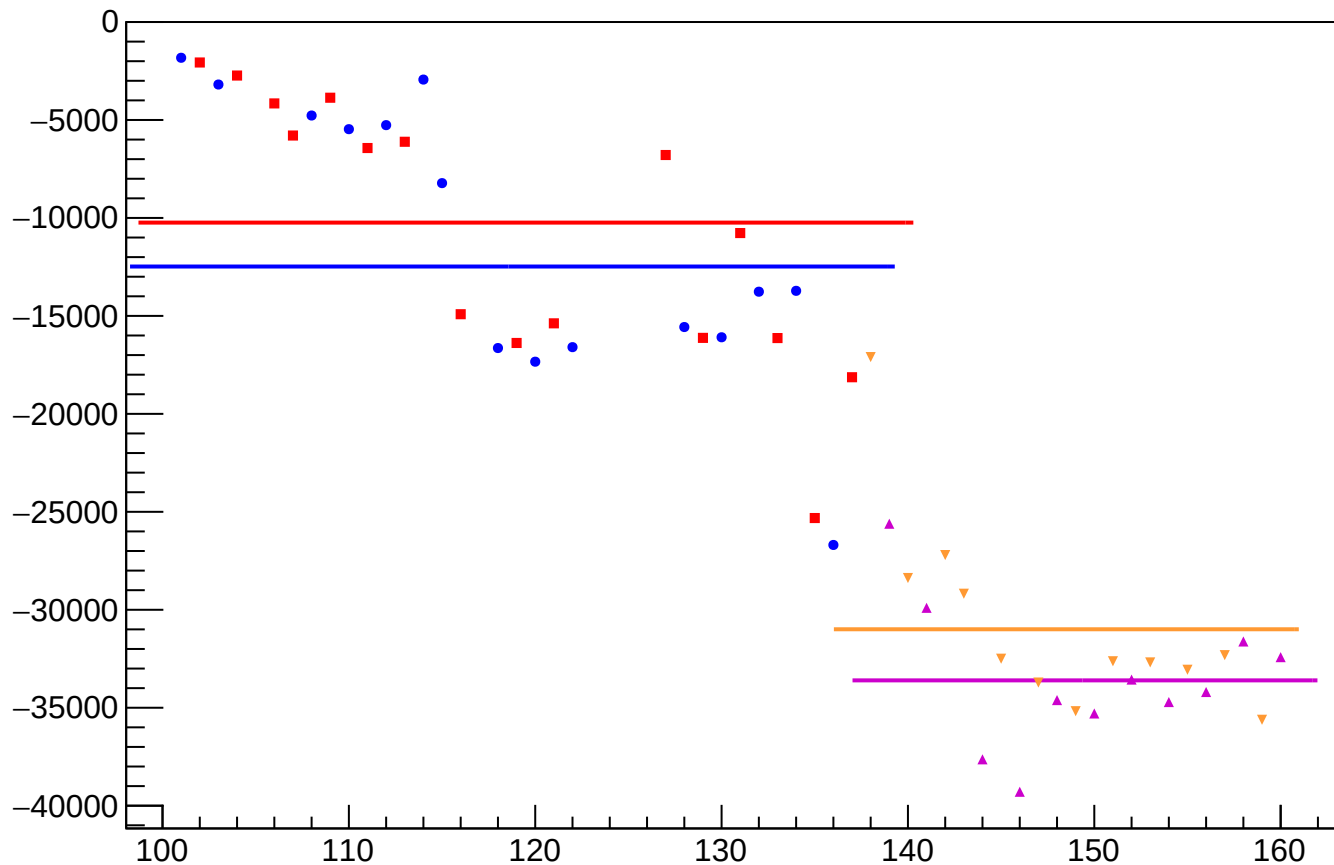
+ sign 256.810+/-0.000 χ^2/NDF : 123362788109391
 All: 254.935+/-0.000 χ^2/NDF : 272901074143
 - sign 253.089+/-0.000 χ^2/NDF : 149429007533601

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821 +/- 0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553 +/- 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam6_coil1_mean vs Slug



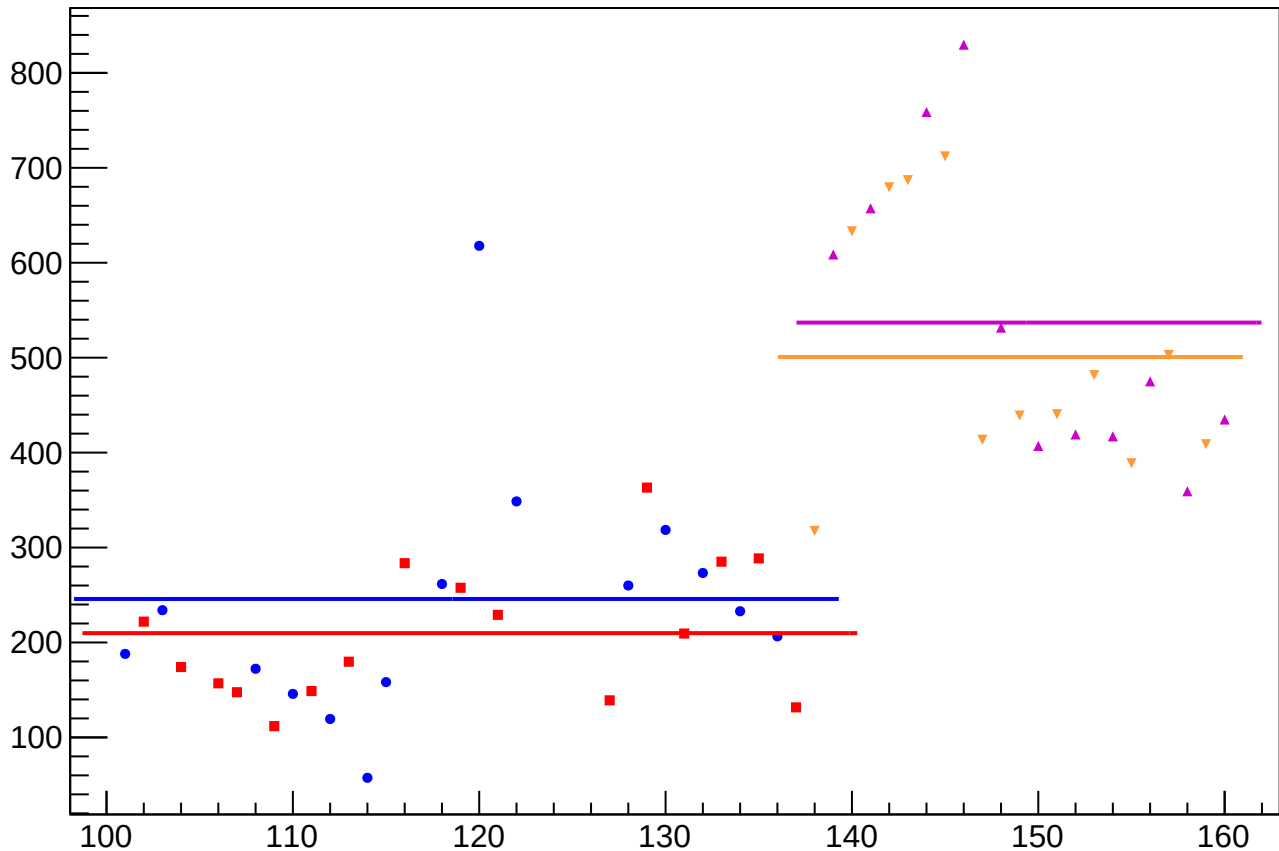
Right In: -12479.653+/-0.000	χ^2/NDF : 41178633231253805317353333973475271901184.0/14
Left Out: -30994.631+/-0.000	χ^2/NDF : 21360802405540775794048943647973709971456.0/11
Right Out: -10238.098+/-0.000	χ^2/NDF : 31227861126159534031961501923223718068224.0/15
Left In: -33603.125+/-0.000	χ^2/NDF : 11377877741280377988076632069746943066112.0/10

+ sign -23321.438+/-0.000 χ^2/NDF : 192816719023

All: -23566.509+/-0.000 χ^2/NDF : 447084659

- sign -23807.730+/-0.000 χ^2/NDF : 2540813105175

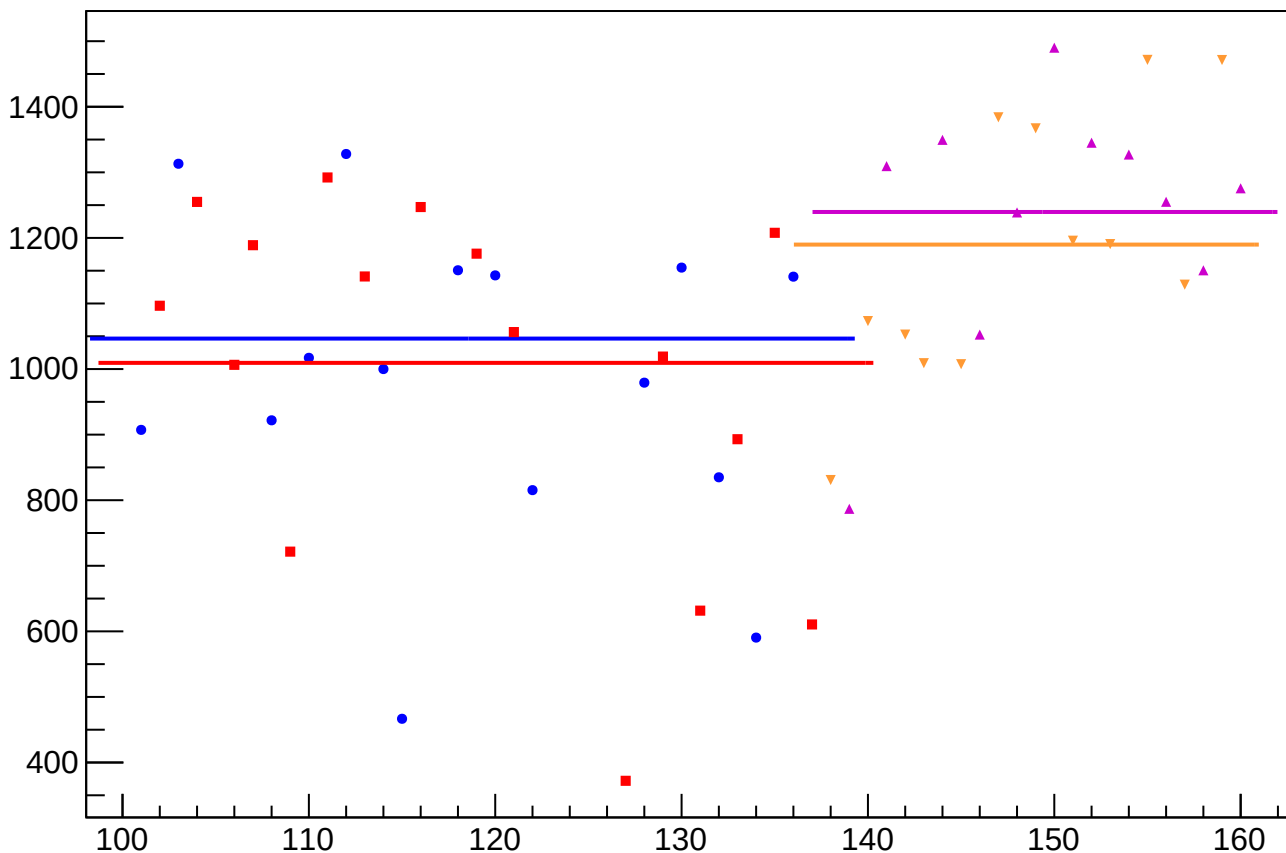
dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14
Left Out: 500.722+/-0.000	χ^2/NDF : 14366647854030986801089252354911371264.0/11
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15
Left In: 536.975+/-0.000	χ^2/NDF : 20803022486400810956958367719555596288.0/10

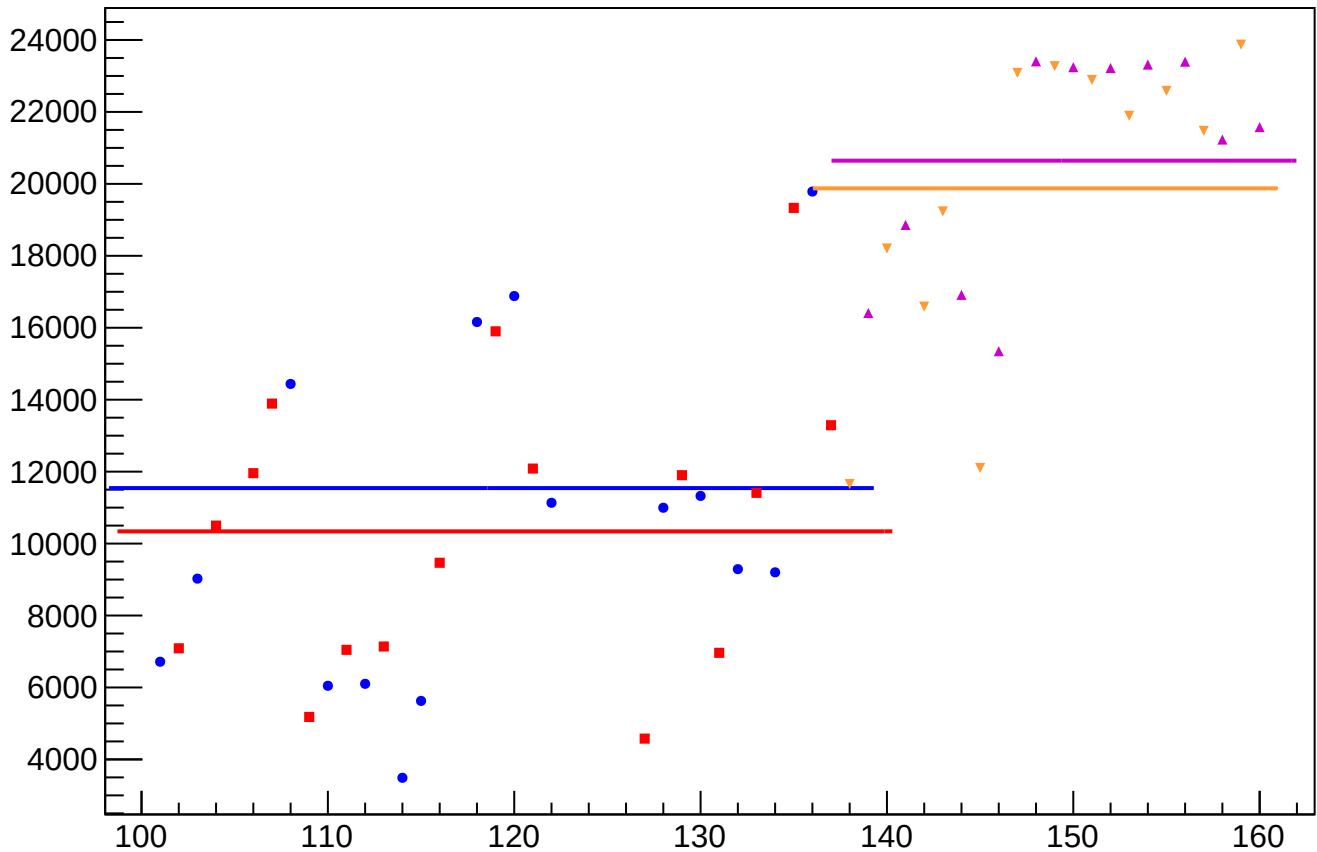
+ sign 395.088+/-0.000 χ^2/NDF : 468851566917775
 All: 397.478+/-0.000 χ^2/NDF : 112288907525
 - sign 399.831+/-0.000 χ^2/NDF : 653859962401754

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821 +/- 0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553 +/- 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

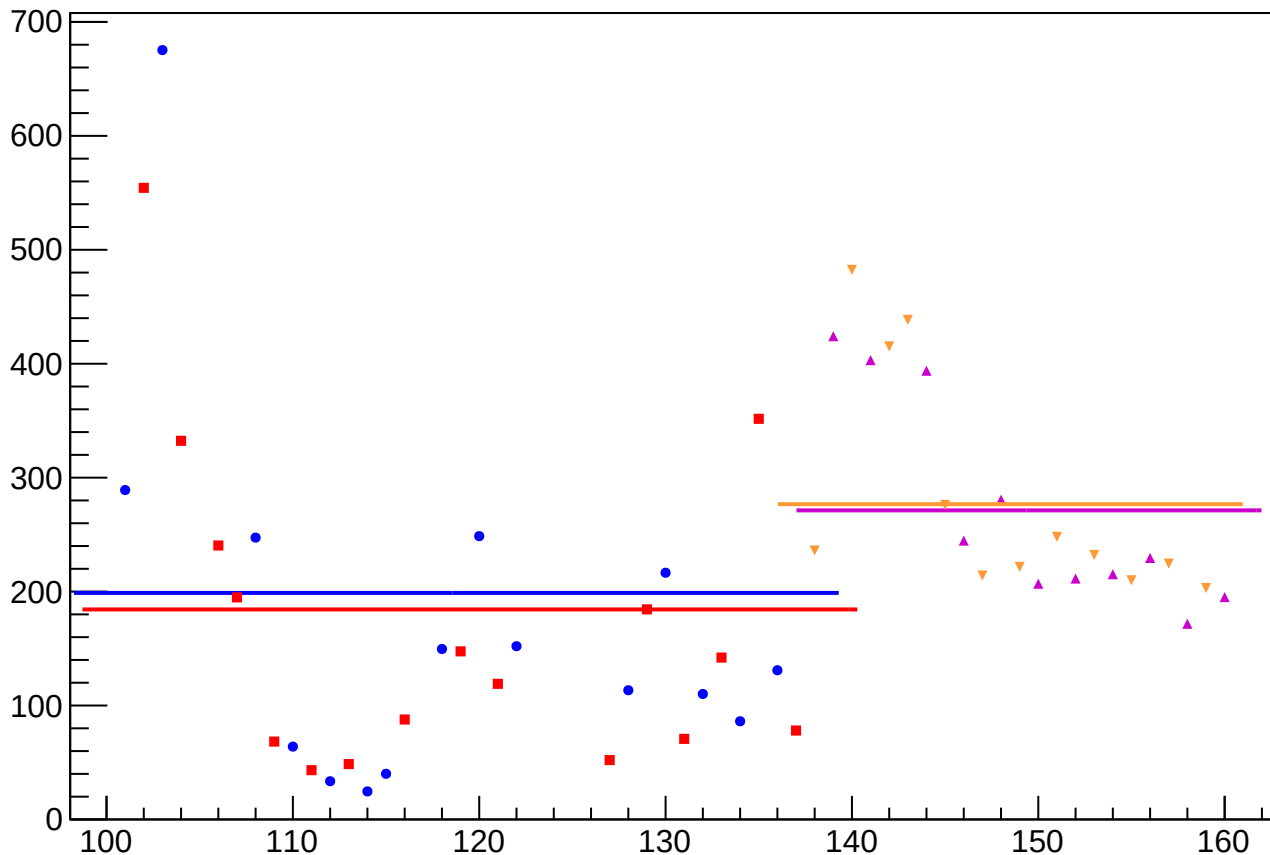
dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19875.162+/-0.000 χ^2/NDF : 15802196643449462198483400956357455642624.0/11
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 20645.358+/-0.000 χ^2/NDF : 8456327376882782804888899010558833983488.0/10

+ sign 16421.950+/-0.000 χ^2/NDF : 5642108511400
 All: 16373.090+/-0.000 χ^2/NDF : 1172849233
 - sign 16324.997+/-0.000 χ^2/NDF : 6085641974902

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 276.729+/-0.000 χ^2/NDF : 8031577970080371618596427688692416512.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

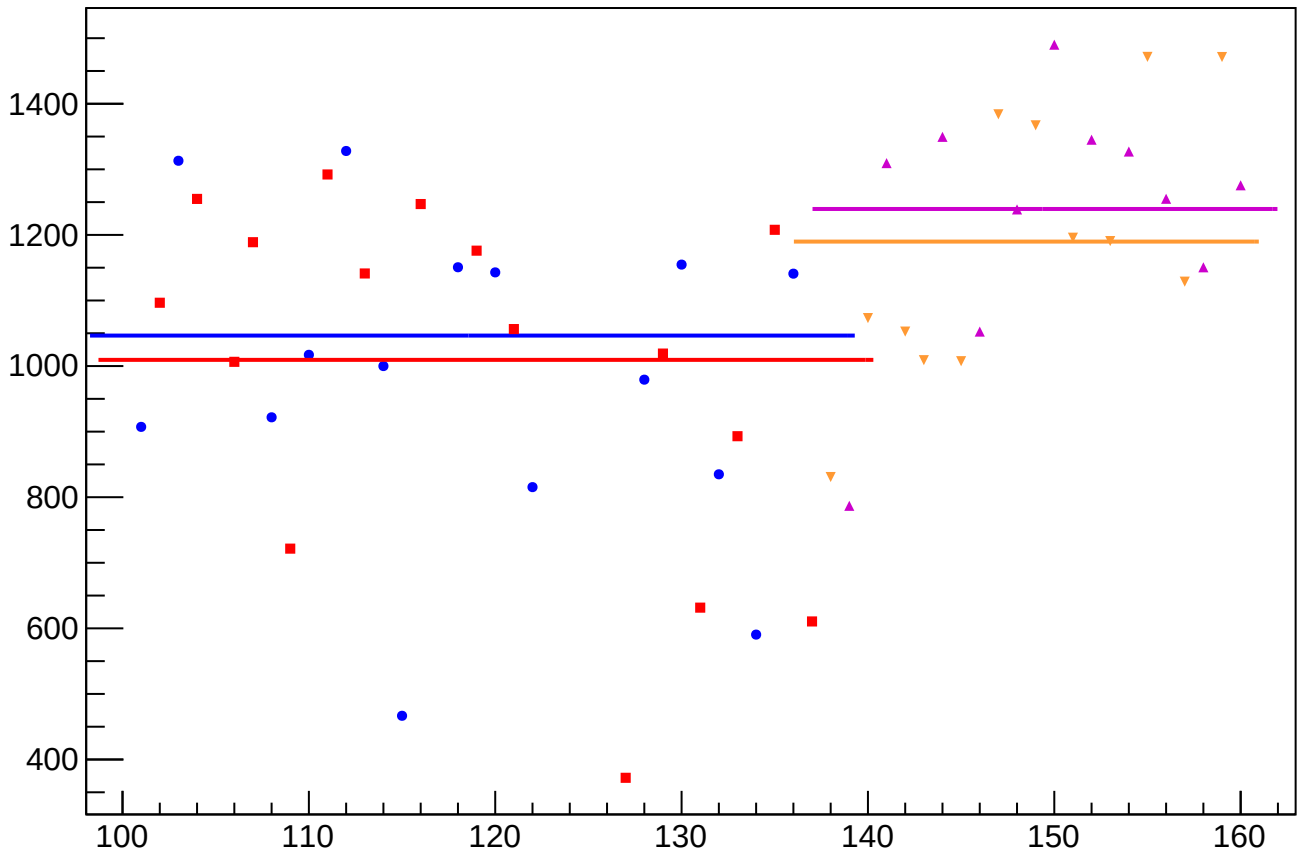
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.454+/-0.000 χ^2/NDF : 286705297289177

All: 239.606+/-0.000 χ^2/NDF : 53712952906

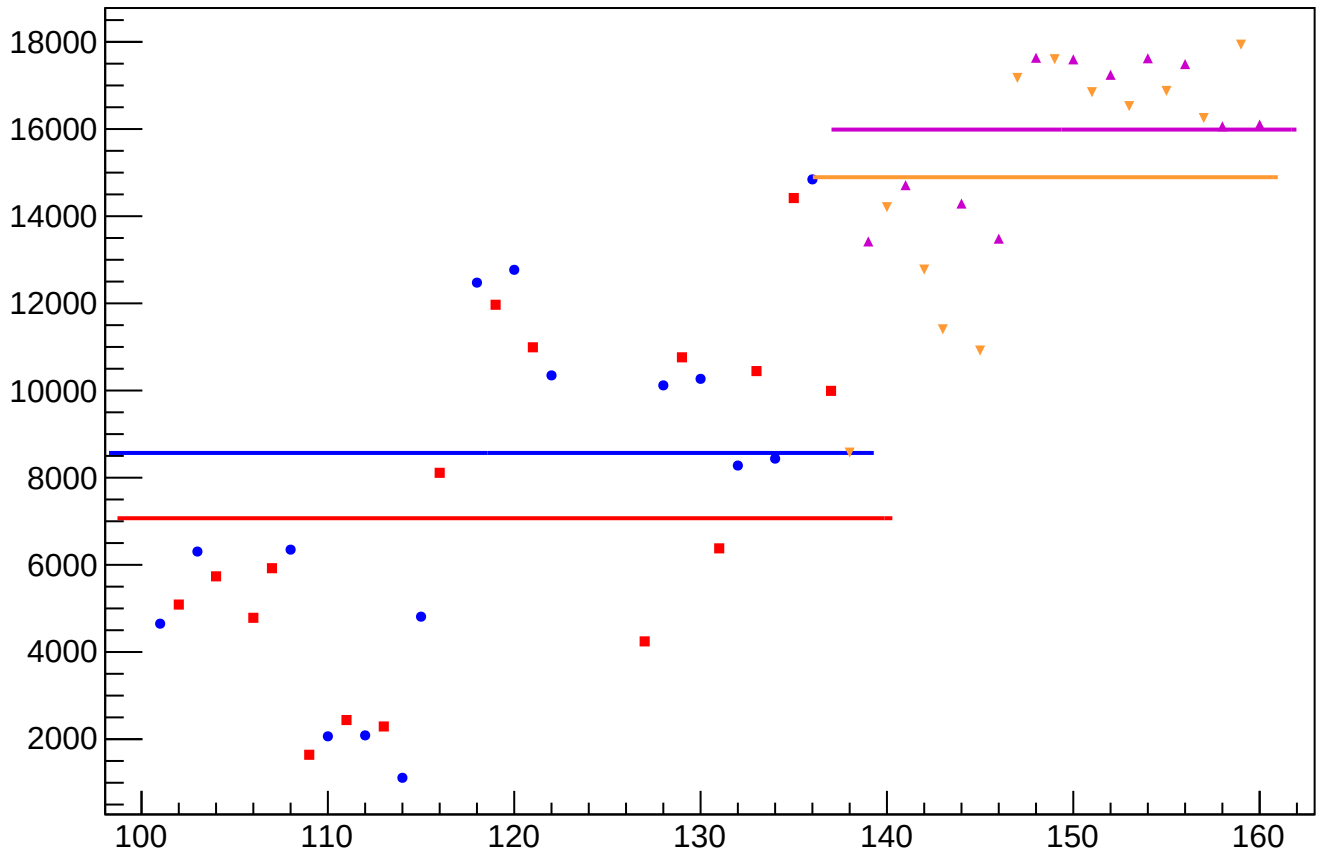
- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



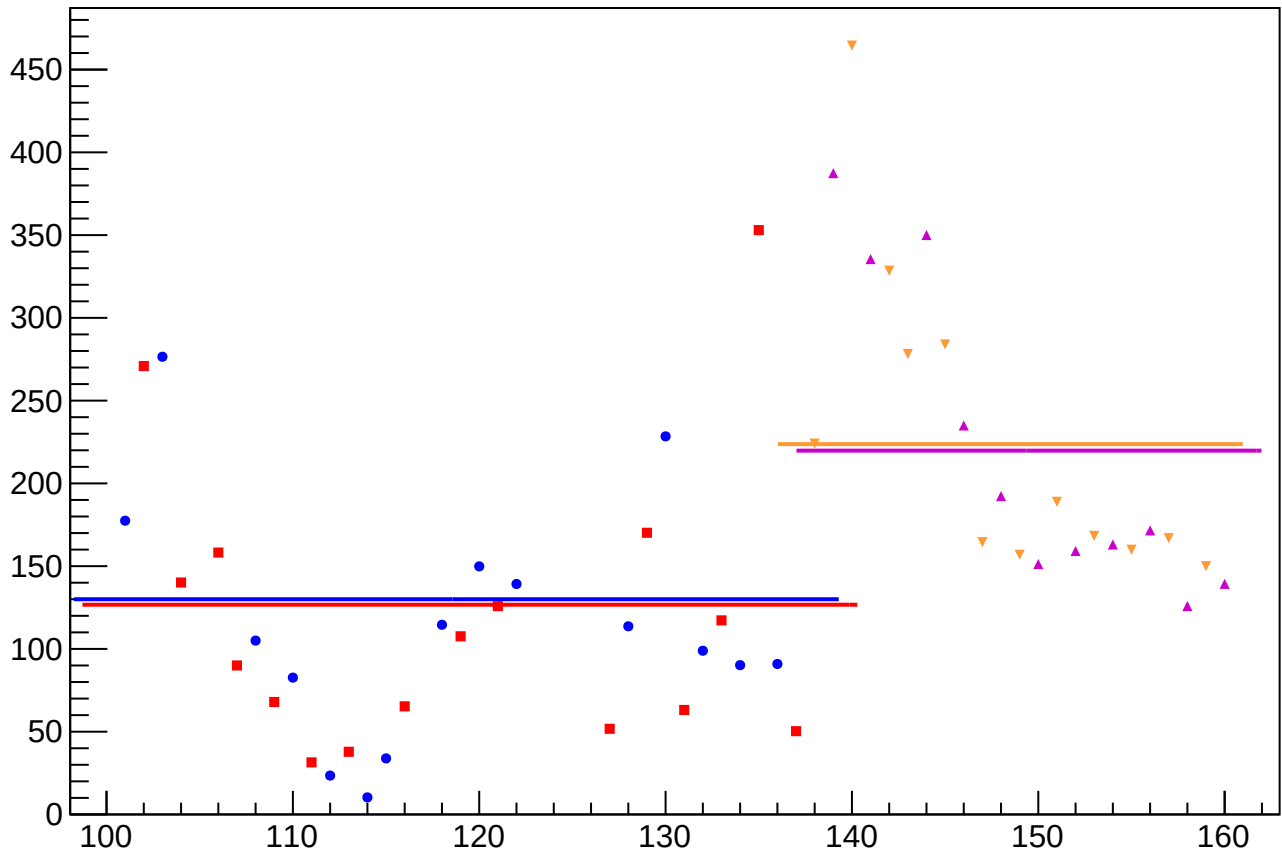
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14894.671+/-0.000 χ^2/NDF : 8196994251162162548782617513195066097664.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14

Left Out: 223.724+/-0.000 χ^2/NDF : 7769866101258790132911352573971136512.0/11

Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15

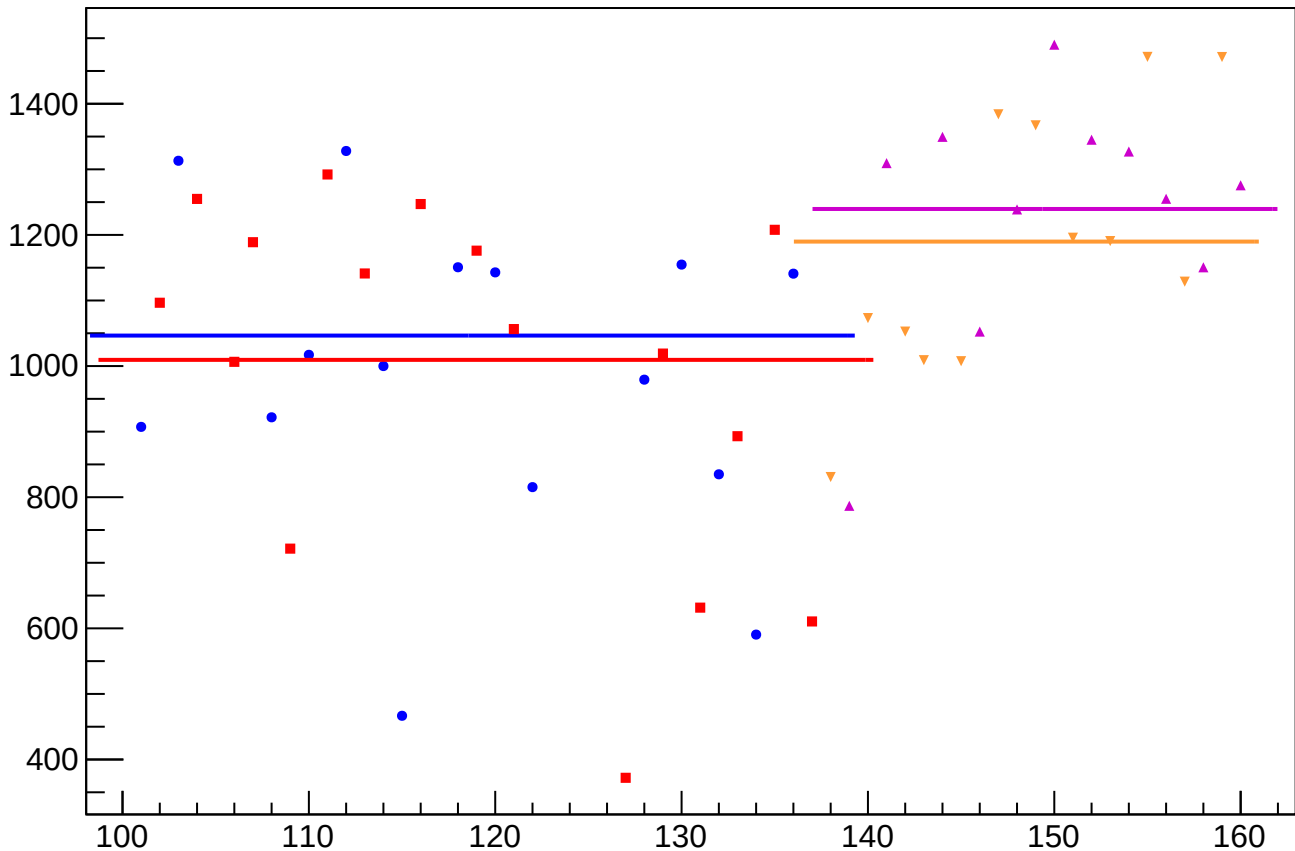
Left In: 219.787+/-0.000 χ^2/NDF : 7418609629454172879787970620999860224.0/10

+ sign 184.890+/-0.000 χ^2/NDF : 142219159421925

All: 182.811+/-0.000 χ^2/NDF : 30407074428

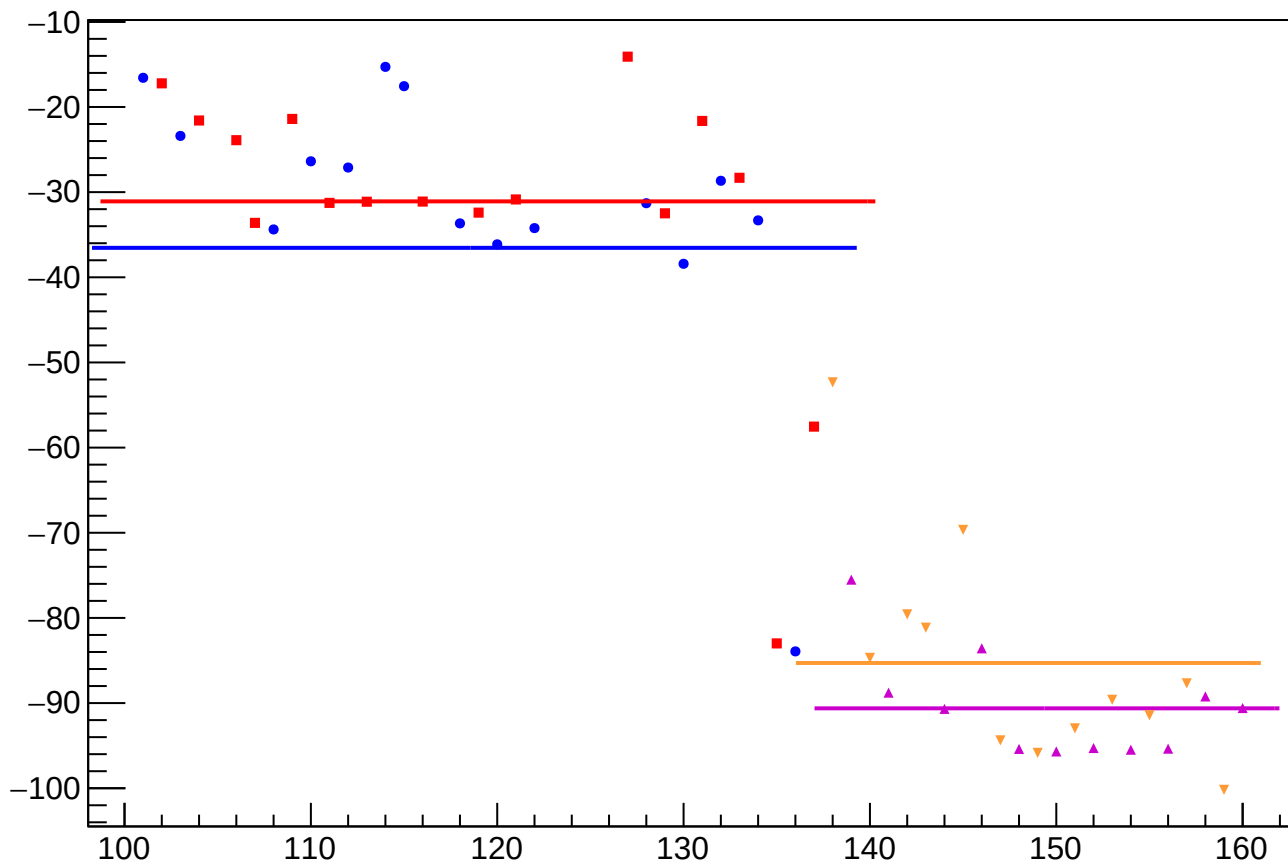
- sign 180.765+/-0.000 χ^2/NDF : 161717315752514

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -85.291+/-0.000 χ^2/NDF : 150335186575692047525398073172819968.0/11

Right Out: -31.085+/-0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

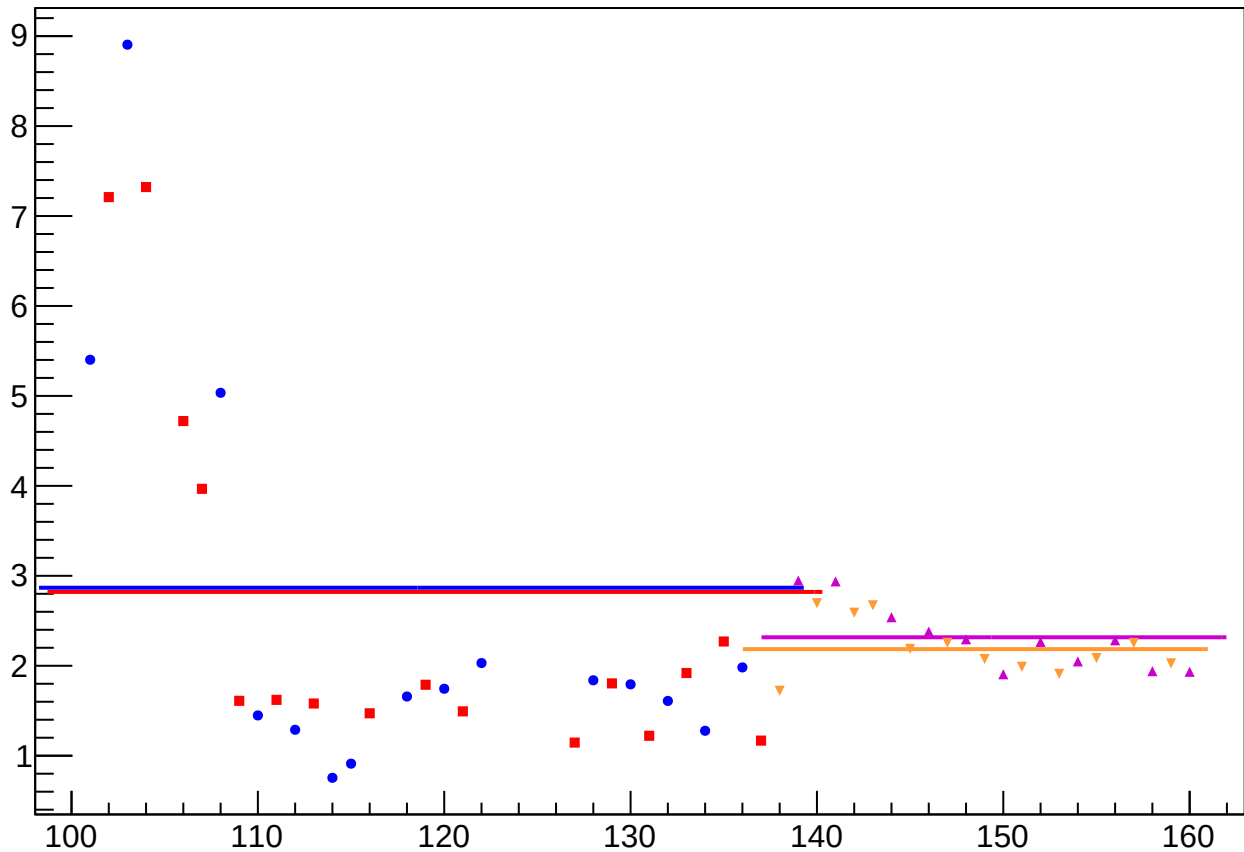
Left In: -90.618+/-0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.087+/-0.000 χ^2/NDF : 130788289054713

All: -65.376+/-0.000 χ^2/NDF : 289542152967

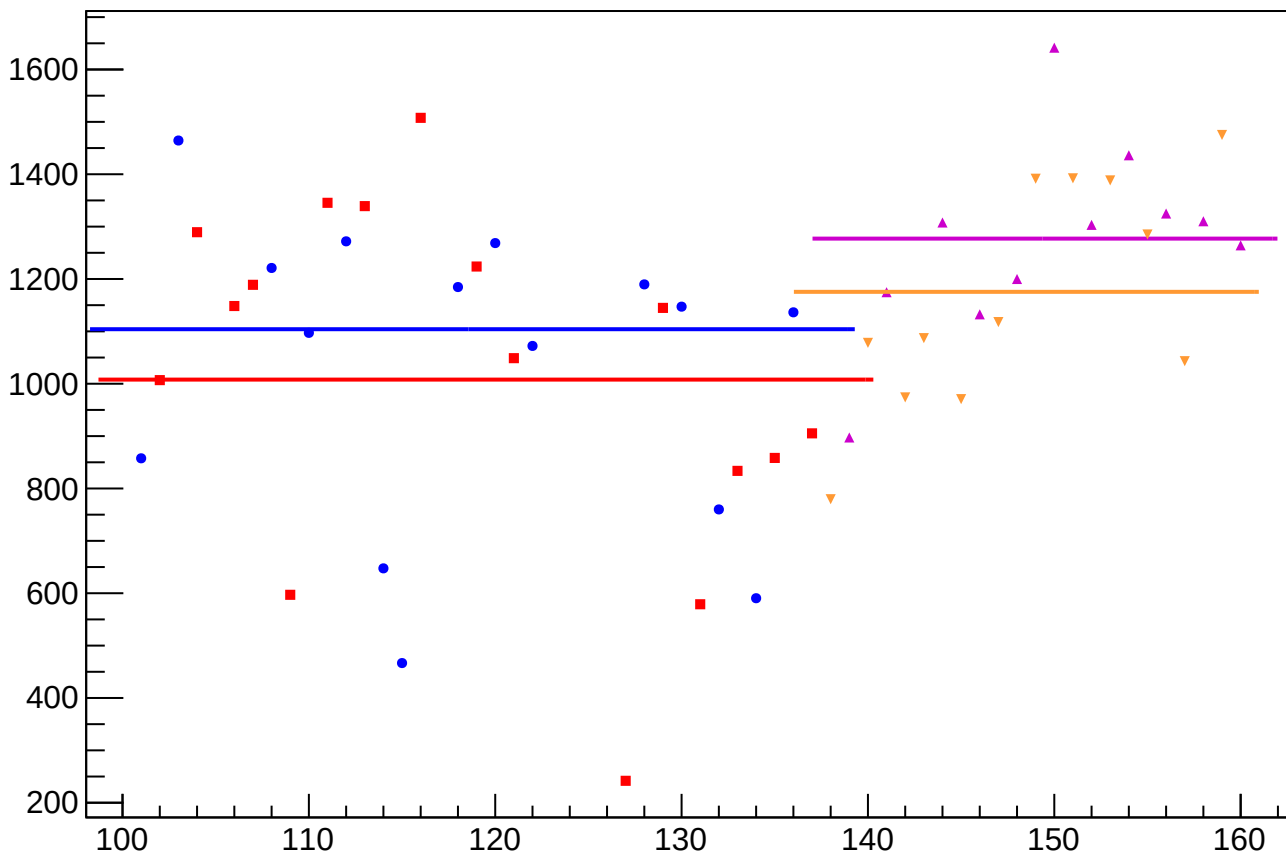
- sign -65.660+/-0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 $\pm$ 0.000 χ^2 /NDF: 3455499087584693564208174061322240.0/14
 Left Out: 2.185 $\pm$ 0.000 χ^2 /NDF: 75501266637773006003816821161984.0/11
 Right Out: 2.821 $\pm$ 0.000 χ^2 /NDF: 3052948718107902490497172912472064.0/15
 Left In: 2.317 $\pm$ 0.000 χ^2 /NDF: 114372564725079889099013285216256.0/10

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

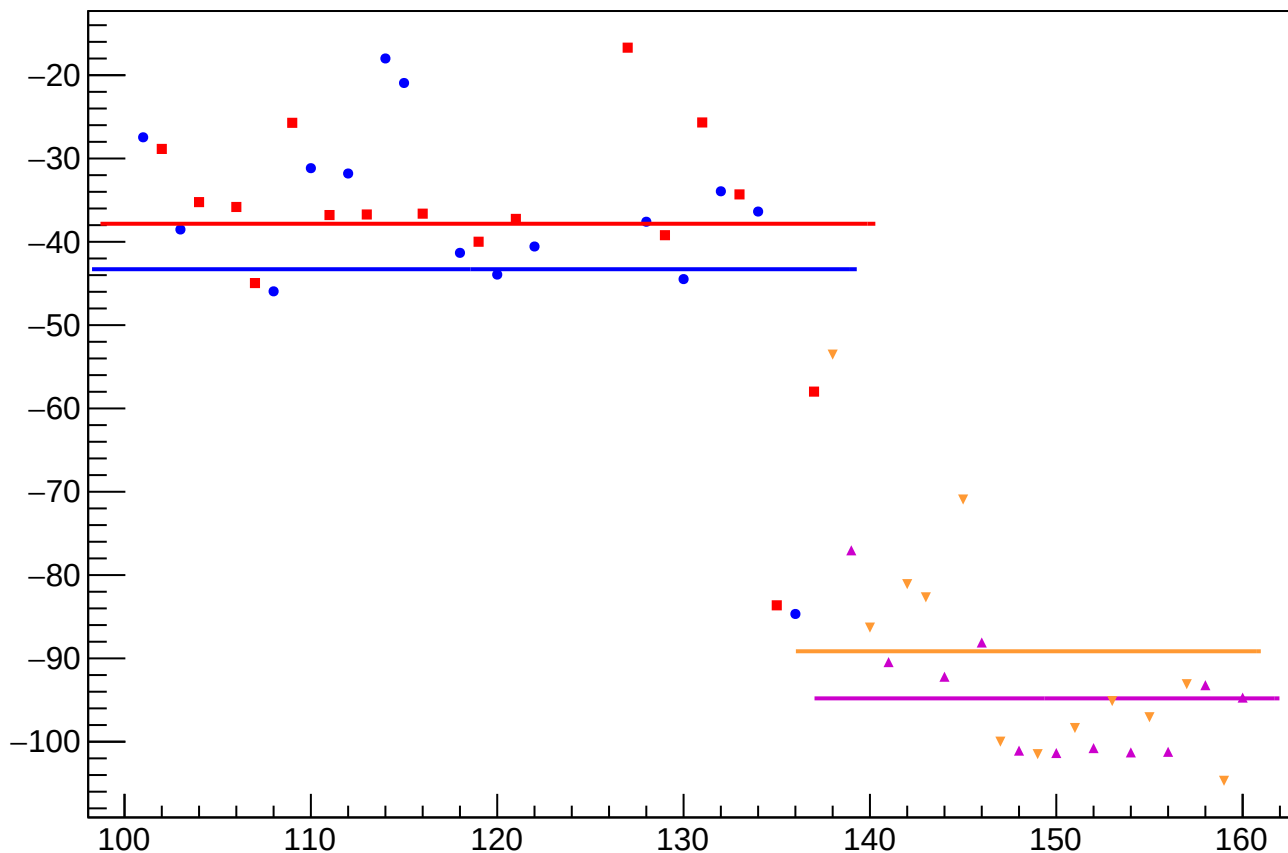
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -89.146+/-0.000 χ^2/NDF : 189364483855471766611288200184856576.0/11

Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15

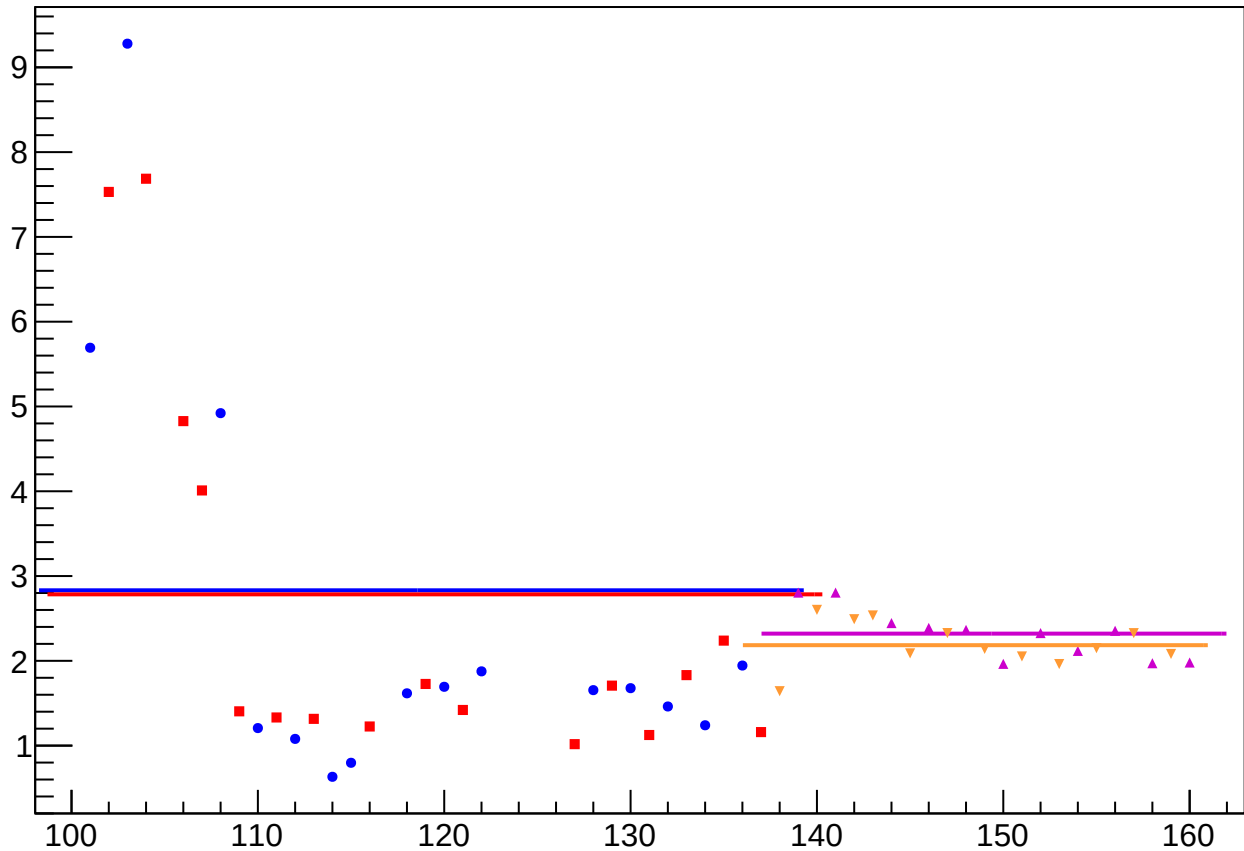
Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

+ sign -70.142+/-0.000 χ^2/NDF : 118785787774979

All: -70.532+/-0.000 χ^2/NDF : 264319706173

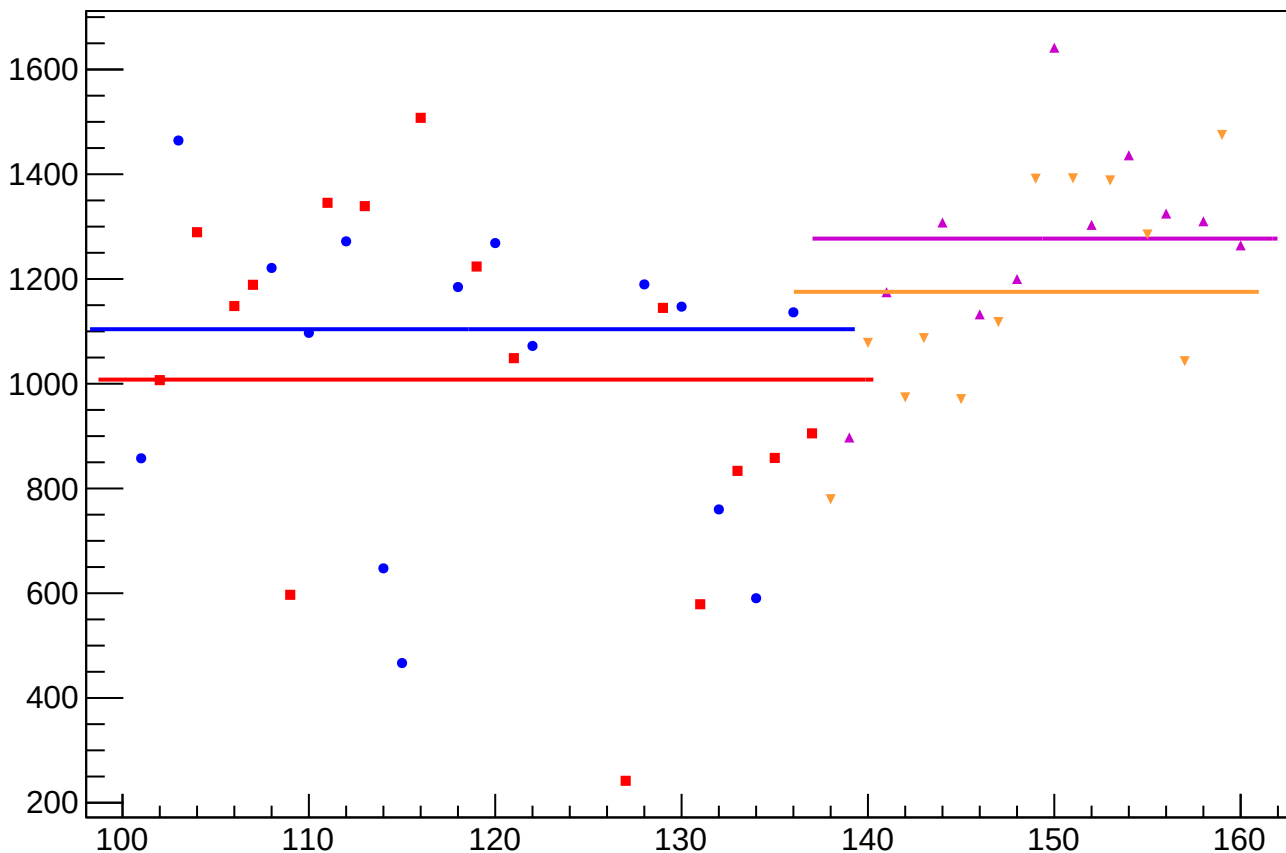
- sign -70.917+/-0.000 χ^2/NDF : 1454865139874700

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.185+/-0.000 χ^2/NDF : 60382547029004782914122064855040.0/11
 Right Out: 2.784+/-0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.321+/-0.000 χ^2/NDF : 74619123224616324544404505231360.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

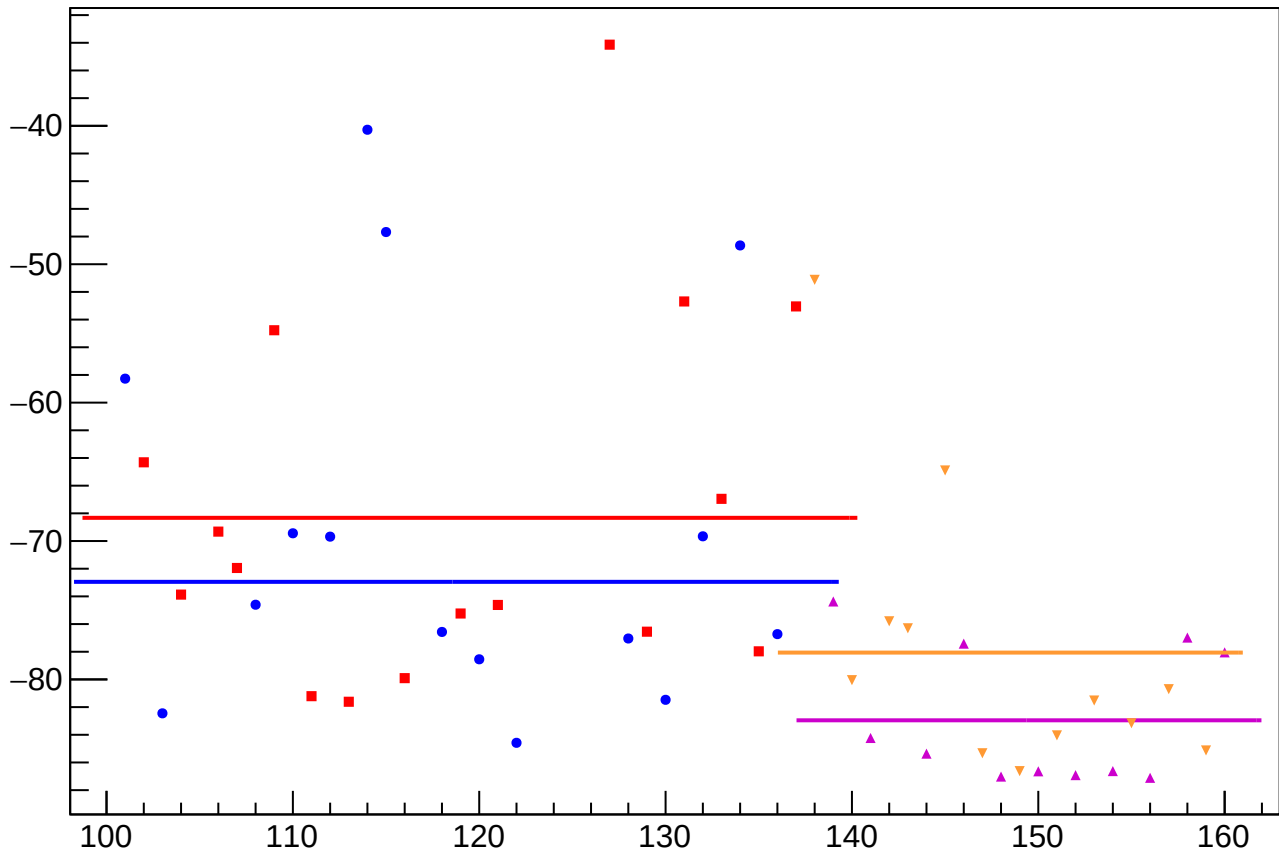
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

All: 1155.145+/-0.000 χ^2/NDF : 20163313284.0/44

dit_11X12X_coil3_mean vs Slug



Right In: -72.949 ± 0.000 $\chi^2/\text{NDF}: 65755428464857980306879126291087360.0/14$

Left Out: -78.060 ± 0.000 $\chi^2/\text{NDF}: 92076989783561024991215559553056768.0/11$

Right Out: -68.324 ± 0.000 $\chi^2/\text{NDF}: 106694344898202364483367131372584960.0/15$

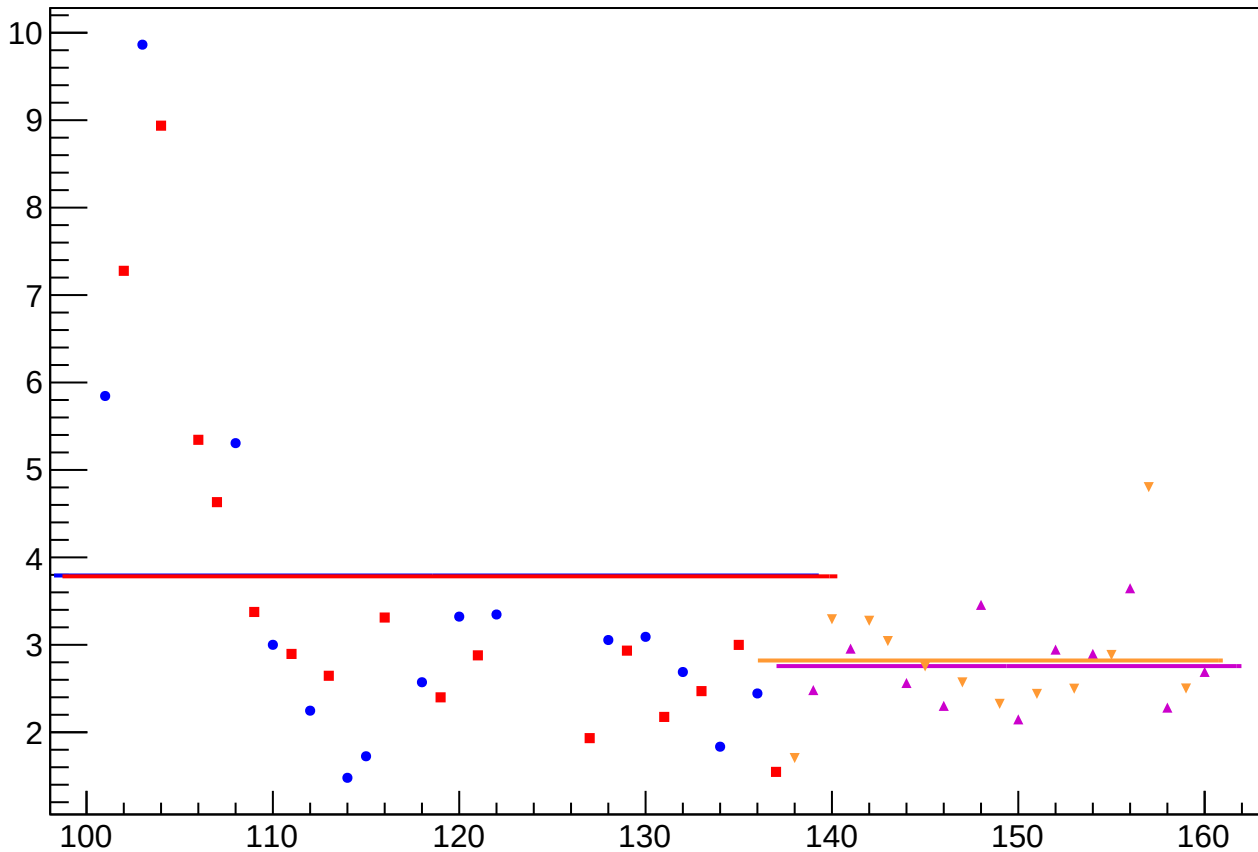
Left In: -82.954 ± 0.000 $\chi^2/\text{NDF}: 20419157774877297849205303170564096.0/10$

+ sign -75.942 ± 0.000 $\chi^2/\text{NDF}: 167761384084705$

All: -76.385 ± 0.000 $\chi^2/\text{NDF}: 378399620298$

- sign -76.820 ± 0.000 $\chi^2/\text{NDF}: 2100293287177657$

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14

Left Out: 2.821+/-0.000 χ^2/NDF : 493082555580785627275797679046656.0/11

Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15

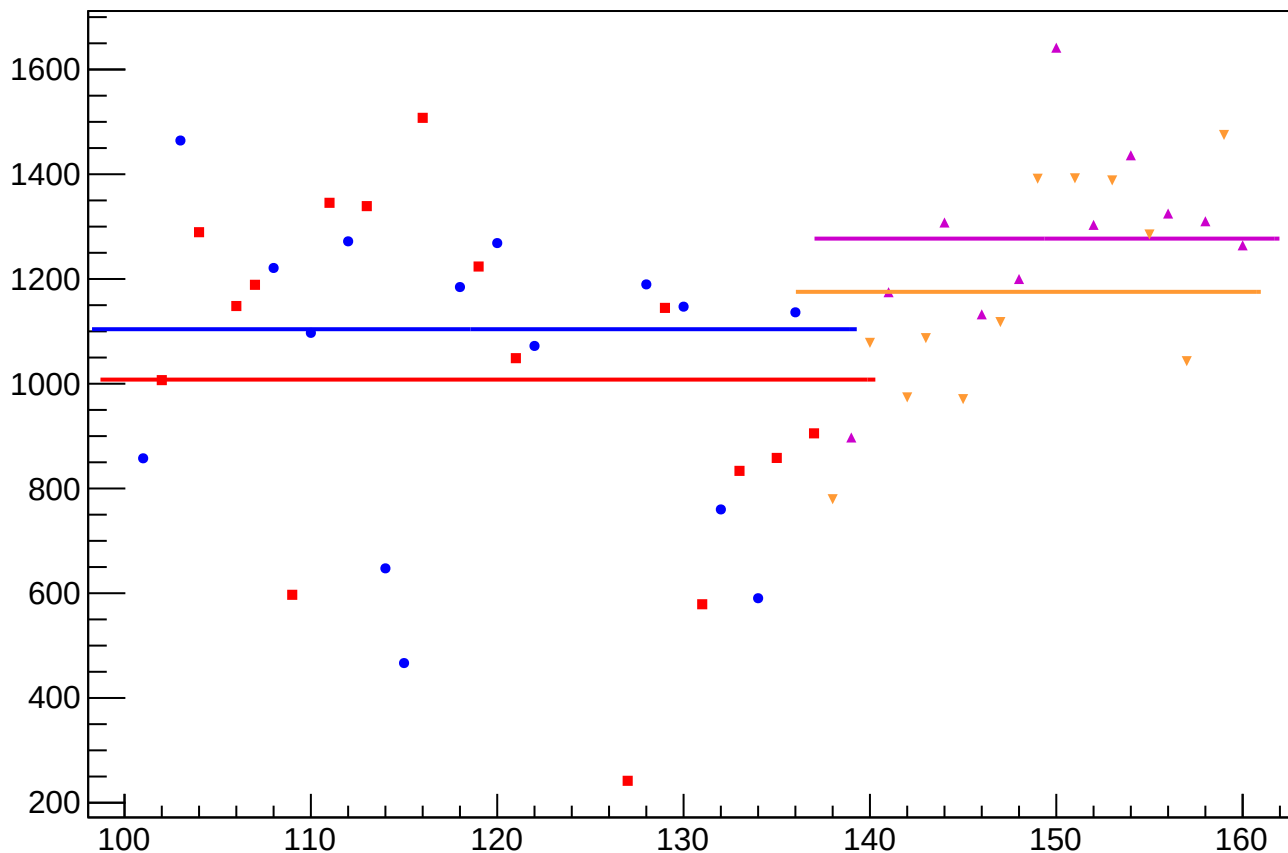
Left In: 2.757+/-0.000 χ^2/NDF : 191720746547732306226054042746880.0/10

+ sign 3.224+/-0.000 χ^2/NDF : 40575836531962354

All: 3.205+/-0.000 χ^2/NDF : 7537104631784

- sign 3.187+/-0.000 χ^2/NDF : 34784647083313673

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

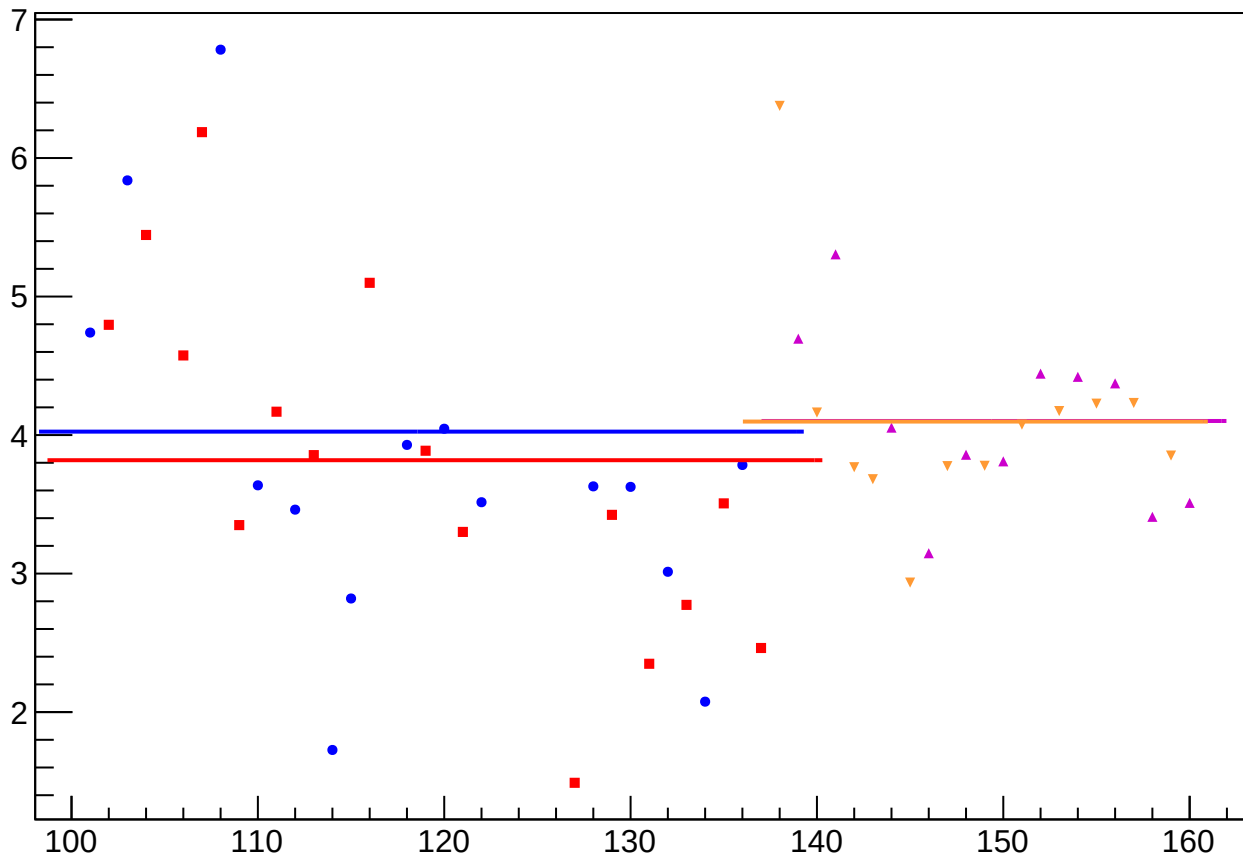
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 2016331328

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.098+/-0.000 χ^2/NDF : 556317927026663328650590815256576.0/11

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

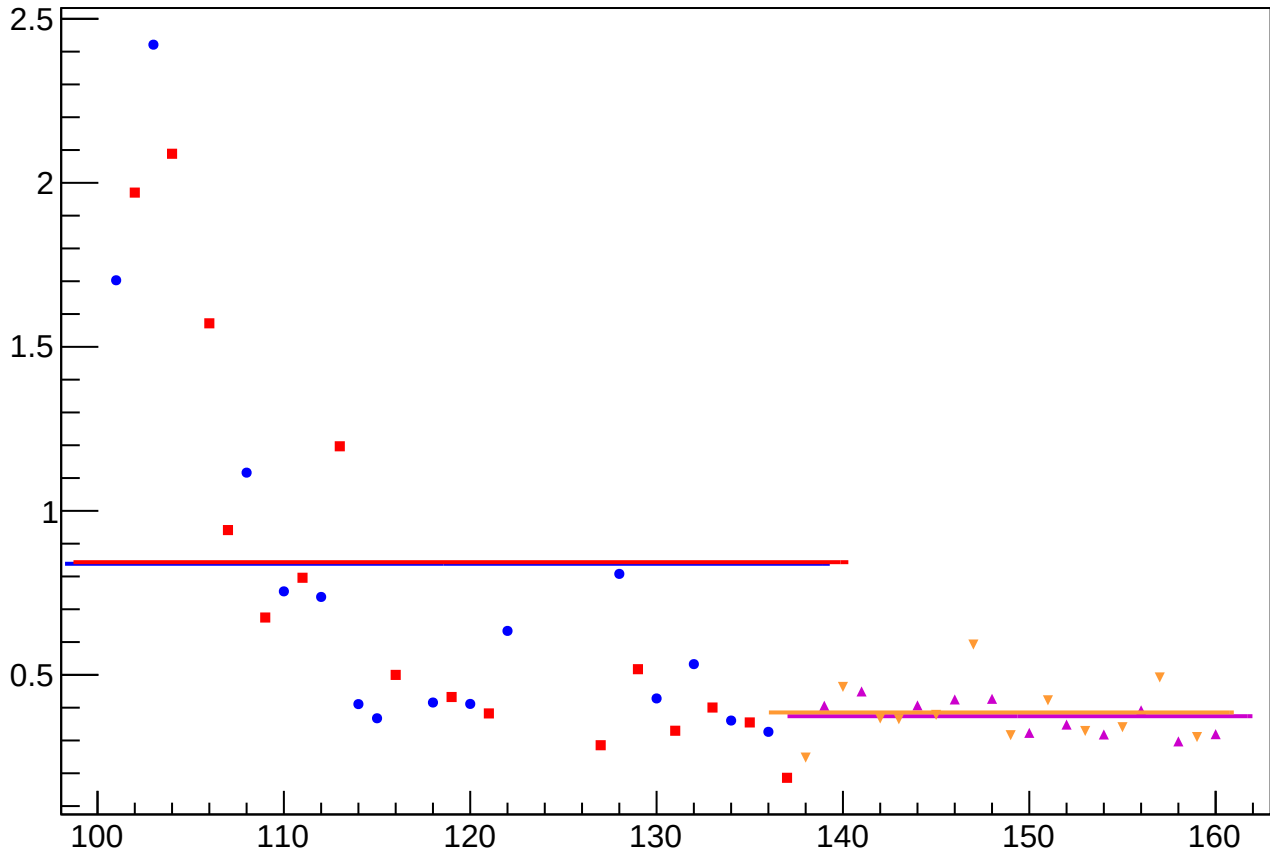
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ sign 4.067+/-0.000 χ^2/NDF : 13273278579594570

All: 4.025+/-0.000 χ^2/NDF : 25822220881669

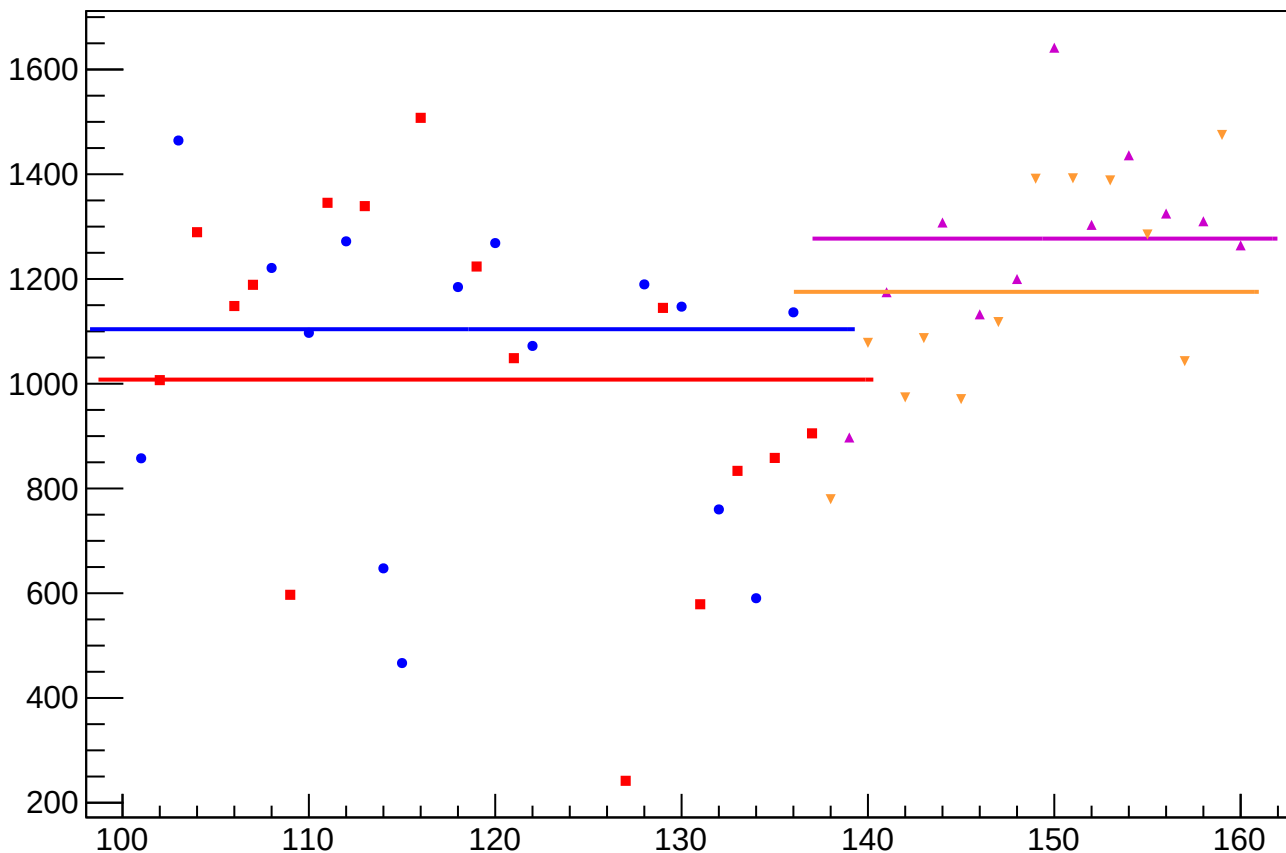
- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 $\pm$ 0.000 χ^2 /NDF: 258416025334615661521163083841536.0/14
 Left Out: 0.385 $\pm$ 0.000 χ^2 /NDF: 7658632015844553503510259302400.0/11
 Right Out: 0.844 $\pm$ 0.000 χ^2 /NDF: 252917509393432760240648918925312.0/15
 Left In: 0.374 $\pm$ 0.000 χ^2 /NDF: 2408191855928929204652403064832.0/10

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

+ sign 1145.901 $\pm$ 0.000 χ^2 /NDF: 74640424030704

Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11

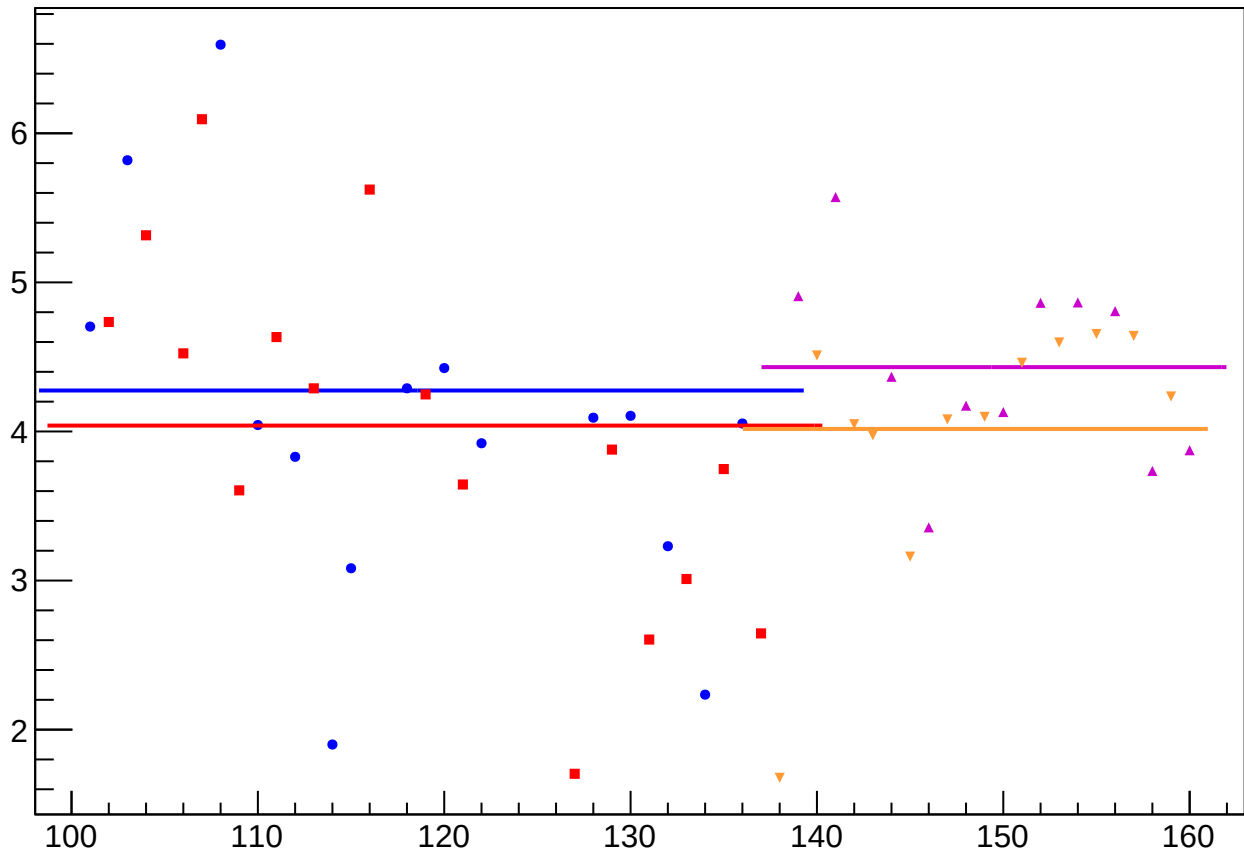
All: 1155.145 $\pm$ 0.000 χ^2 /NDF: 2016331328

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

dit_4eY_coil3_mean vs Slug



Right In: 4.275 $\pm$ 0.000 χ^2 /NDF: 597188707898198851792415435522048.0/14

Left Out: 4.017 $\pm$ 0.000 χ^2 /NDF: 618248057516763535647221148024832.0/11

Right Out: 4.039 $\pm$ 0.000 χ^2 /NDF: 772368848194464324973108765130752.0/15

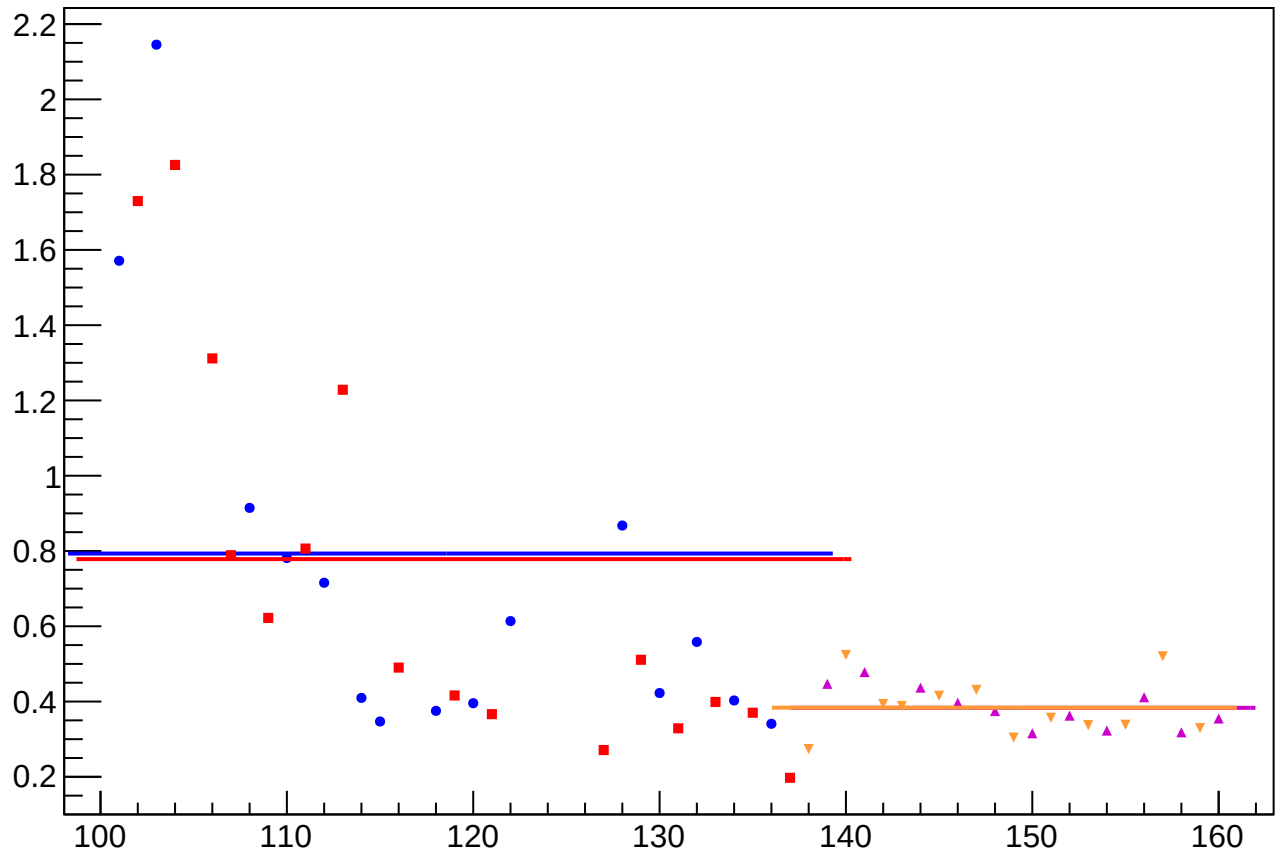
Left In: 4.432 $\pm$ 0.000 χ^2 /NDF: 345602703191245770554210363899904.0/10

+ sign 4.124 $\pm$ 0.000 χ^2 /NDF: 12406832910445444

All: 4.196 $\pm$ 0.000 χ^2 /NDF: 24344292560010

- sign 4.267 $\pm$ 0.000 χ^2 /NDF: 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2 /NDF: 195508777173589483440314700005376.0/14

Left Out: 0.384 $\pm$ 0.000 χ^2 /NDF: 5453192114665634094551262035968.0/11

Right Out: 0.778 $\pm$ 0.000 χ^2 /NDF: 185814635772183306063903690063872.0/15

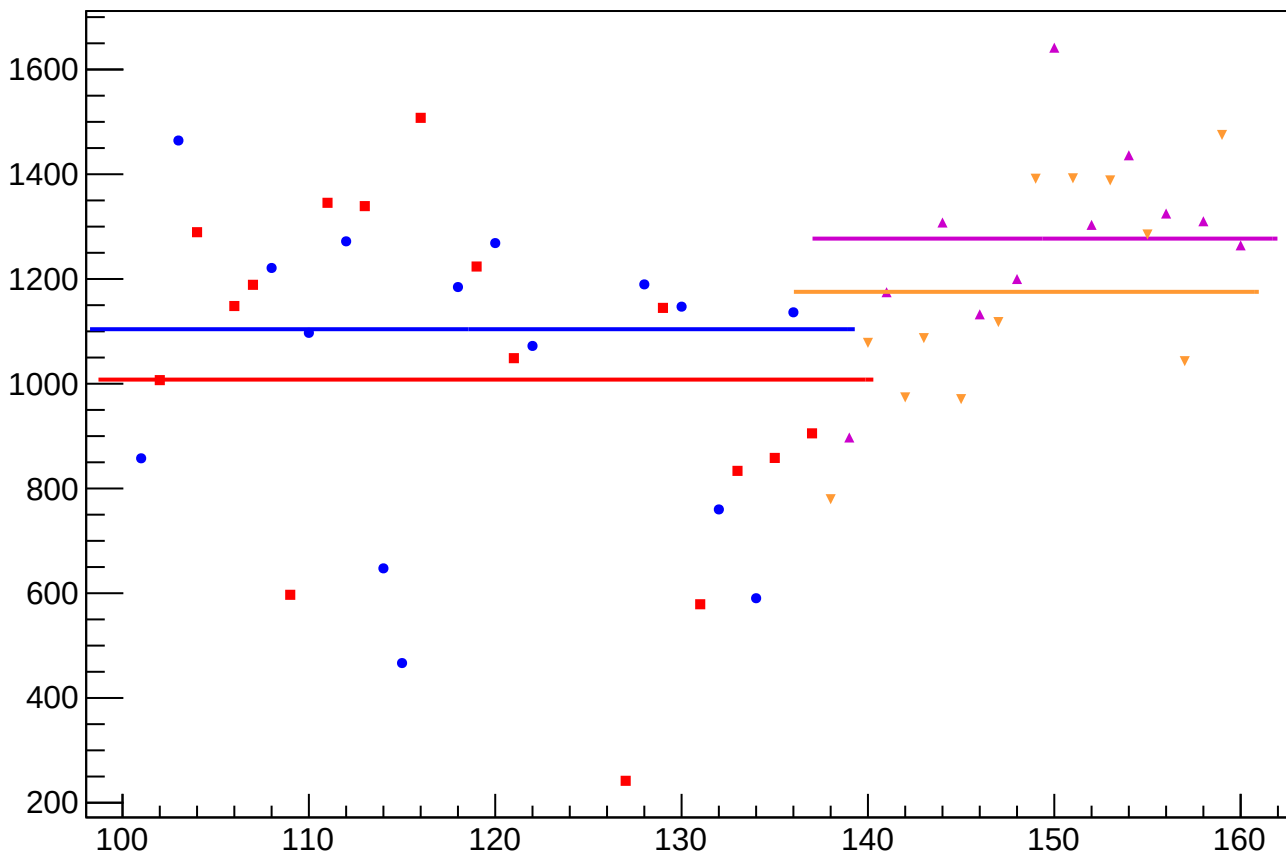
Left In: 0.383 $\pm$ 0.000 χ^2 /NDF: 2618375268437967875049691021312.0/10

+ sign 0.553 $\pm$ 0.000 χ^2 /NDF: 26468780298138332

All: 0.551 $\pm$ 0.000 χ^2 /NDF: 5136149138399

- sign 0.549 $\pm$ 0.000 χ^2 /NDF: 24891120675551359

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

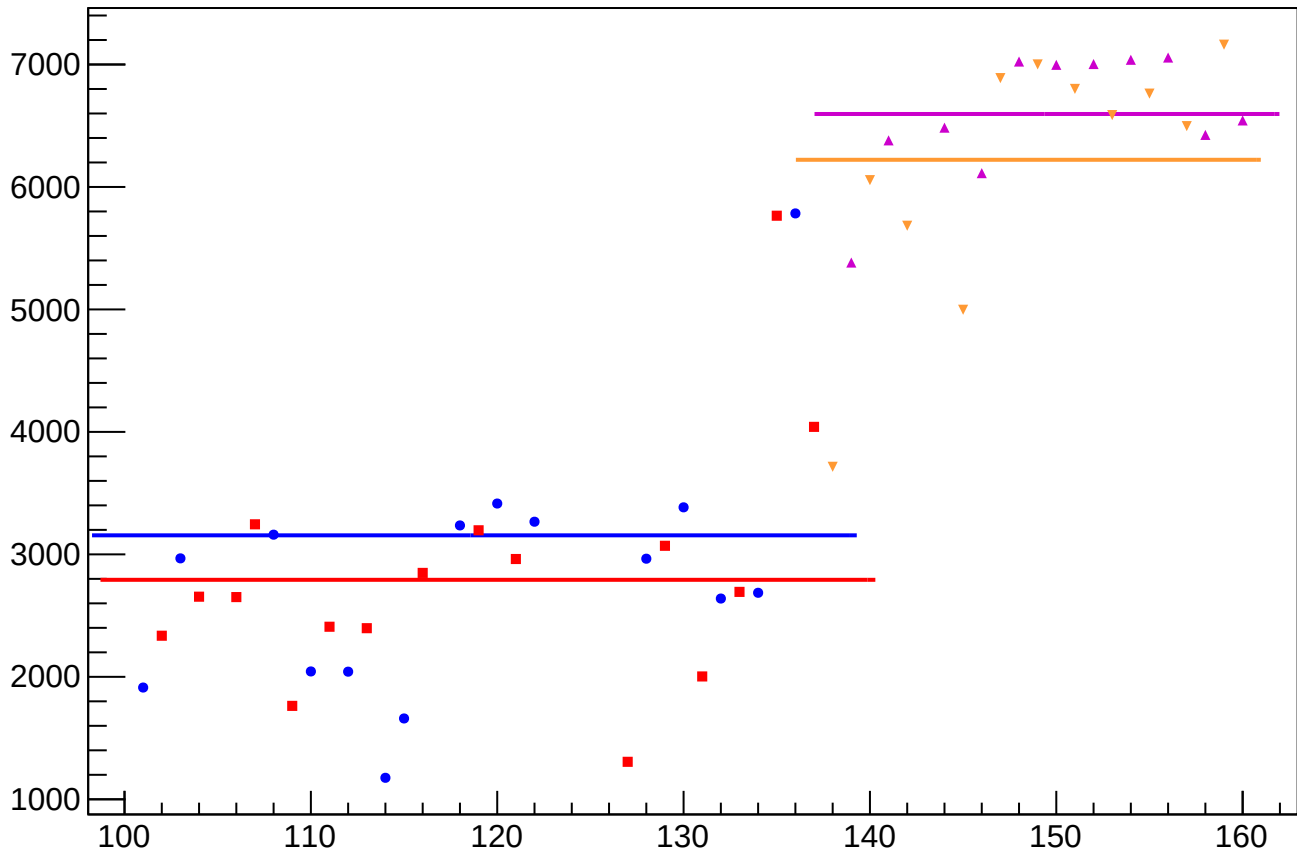
All: 1155.145+/-0.000 χ^2/NDF : 2016331328

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

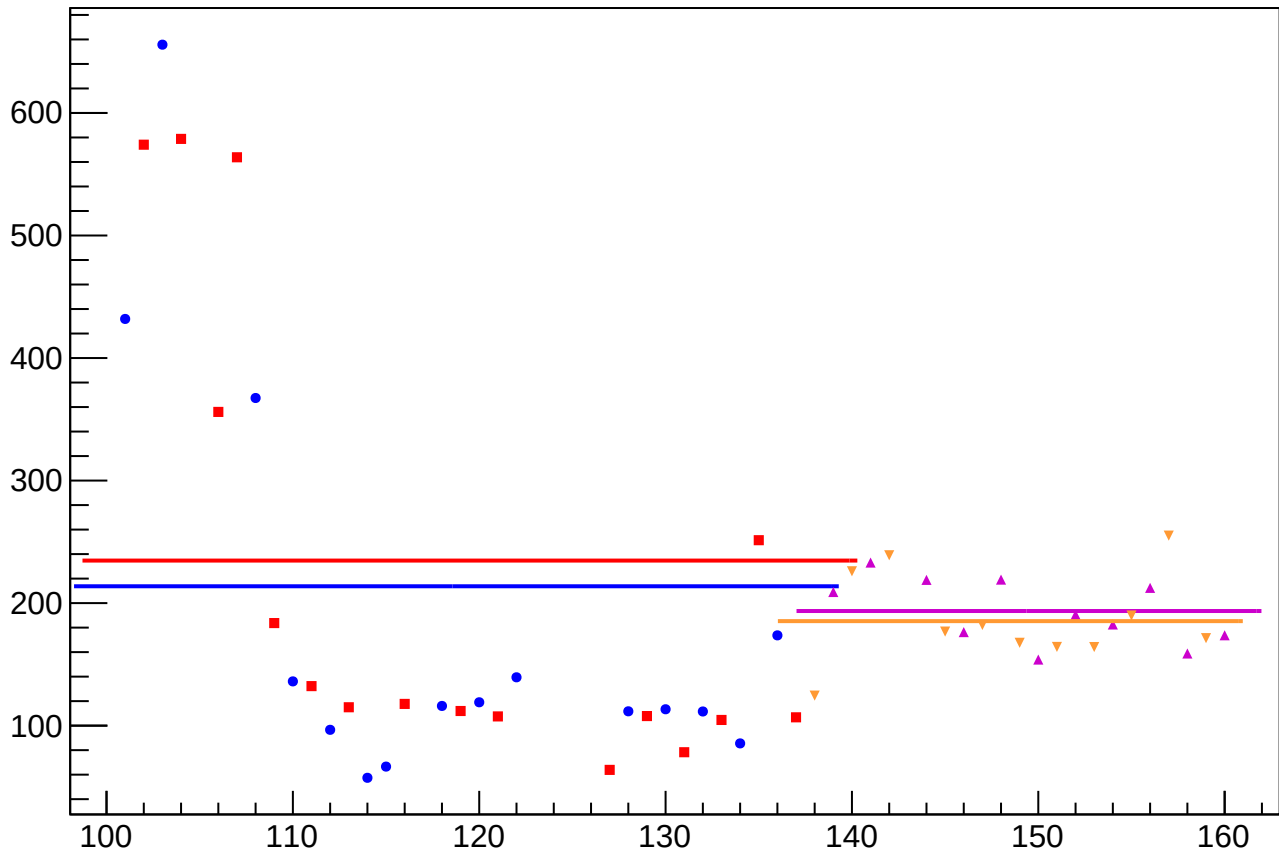
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6221.938+/-0.000 χ^2/NDF : 849977473152285312907595623686819807232.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

+ sign 197.608+/-0.000 χ^2/NDF : 210796902102864

Left Out: 185.291+/-0.000 χ^2/NDF : 1063728674006350590661838746148667392.0/10

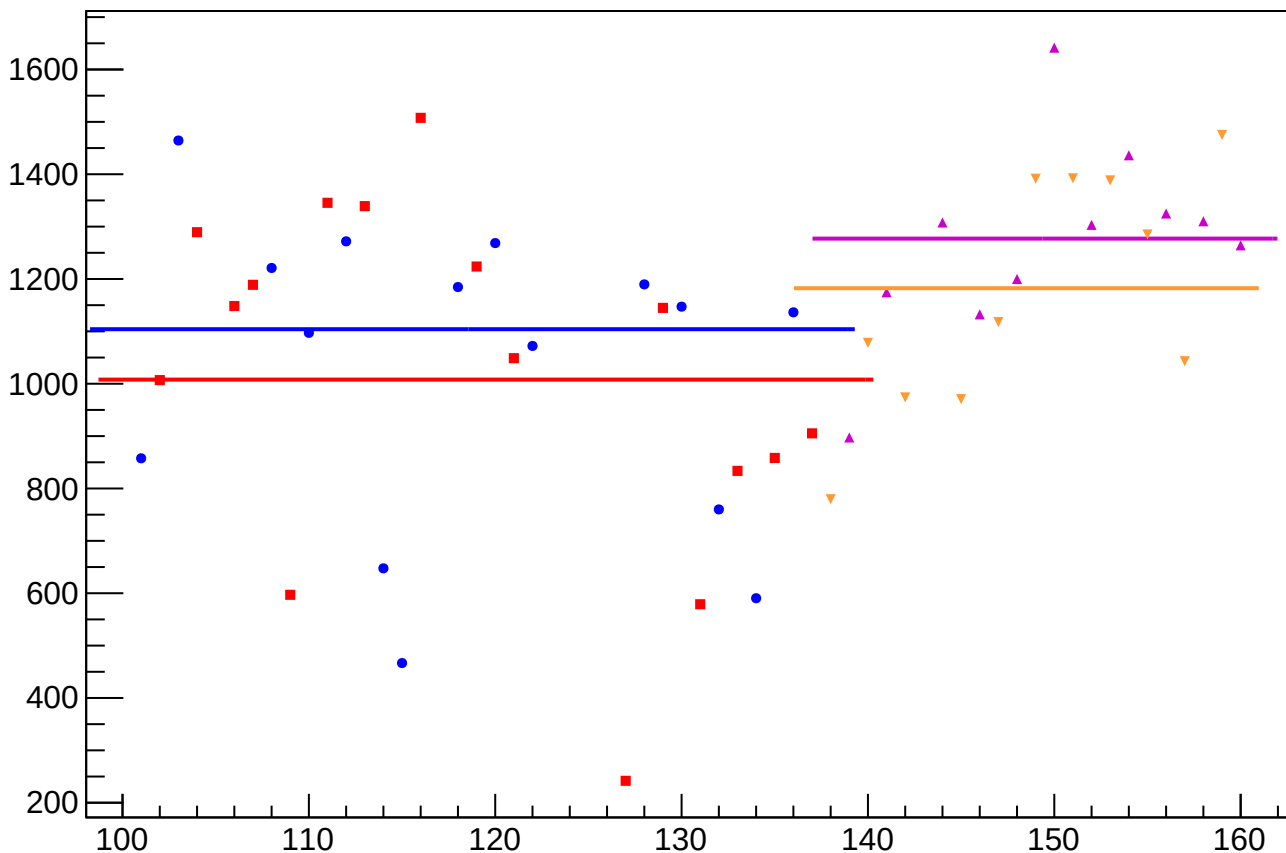
All: 204.402+/-0.000 χ^2/NDF : 464826944089

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

- sign 210.803+/-0.000 χ^2/NDF : 252686308073901

Left In: 193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1182.447+/-0.000 χ^2/NDF : 39401916671919600348661592701888626688.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

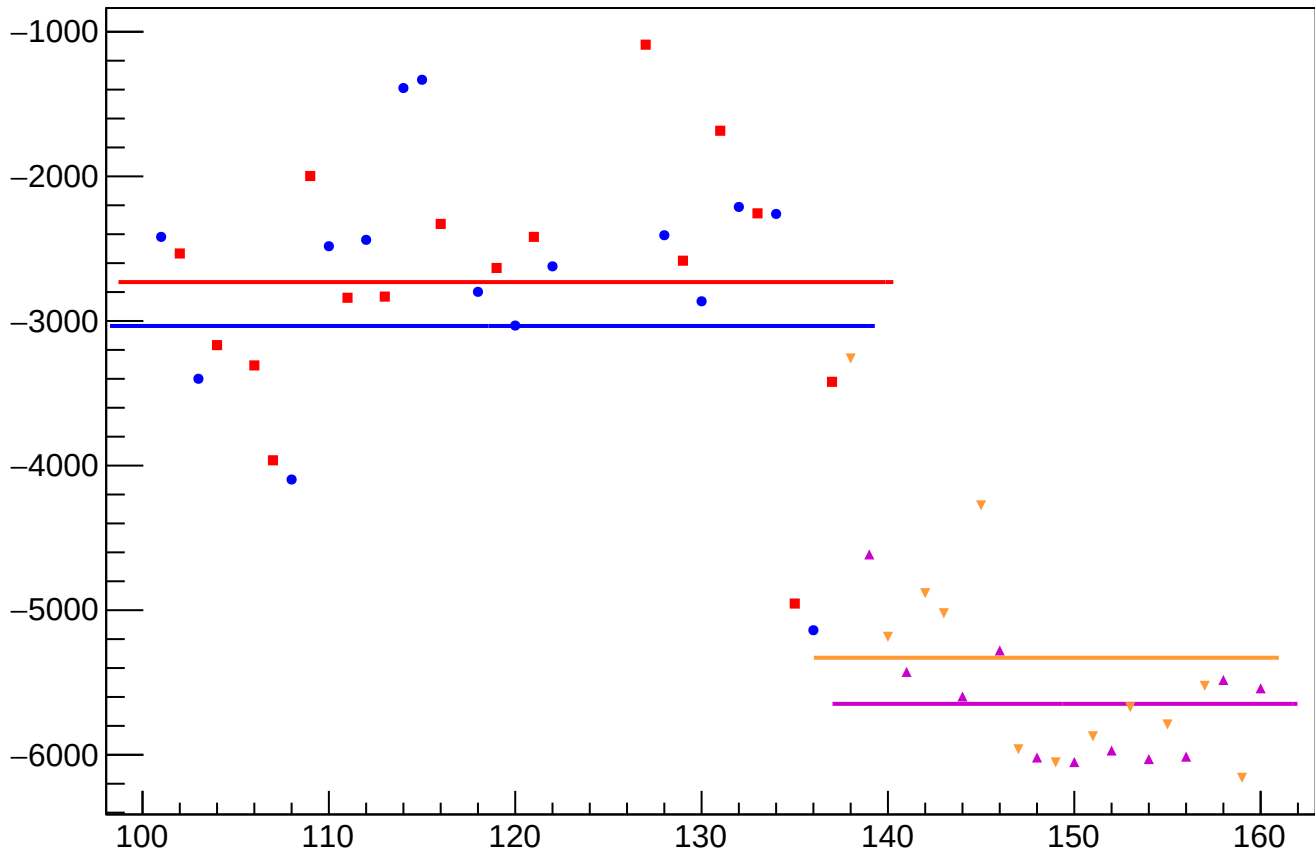
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.531+/-0.000 χ^2/NDF : 74398081441071

All: 1156.621+/-0.000 χ^2/NDF : 20131581499

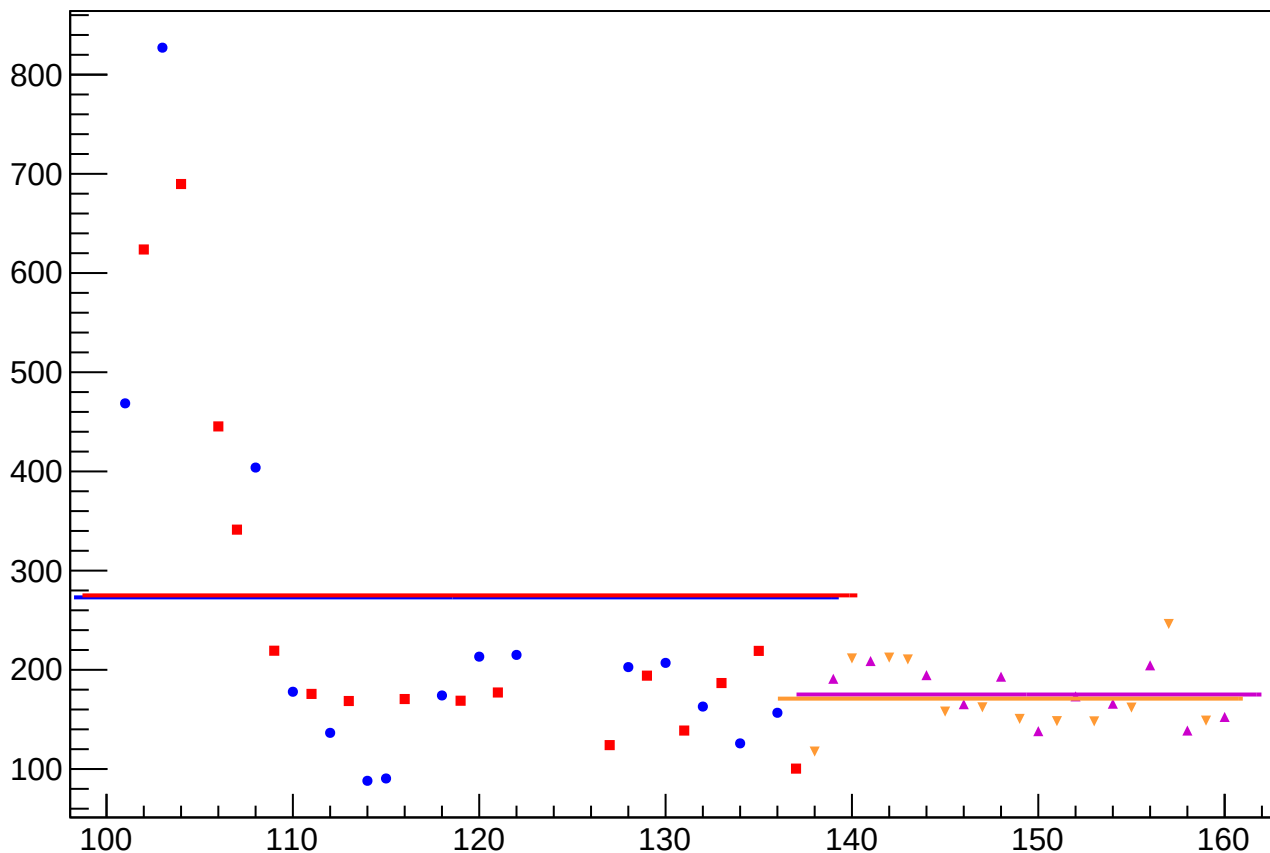
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -5328.796+/-0.000 χ^2/NDF : 624360364489310892896763337628232712192.0/11
 Right Out: -2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: -5647.632+/-0.000 χ^2/NDF : 164214312908035645215126356935491715072.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 170.956+/-0.000 χ^2/NDF : 1172503860973970615331214508834160640.0/11

Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

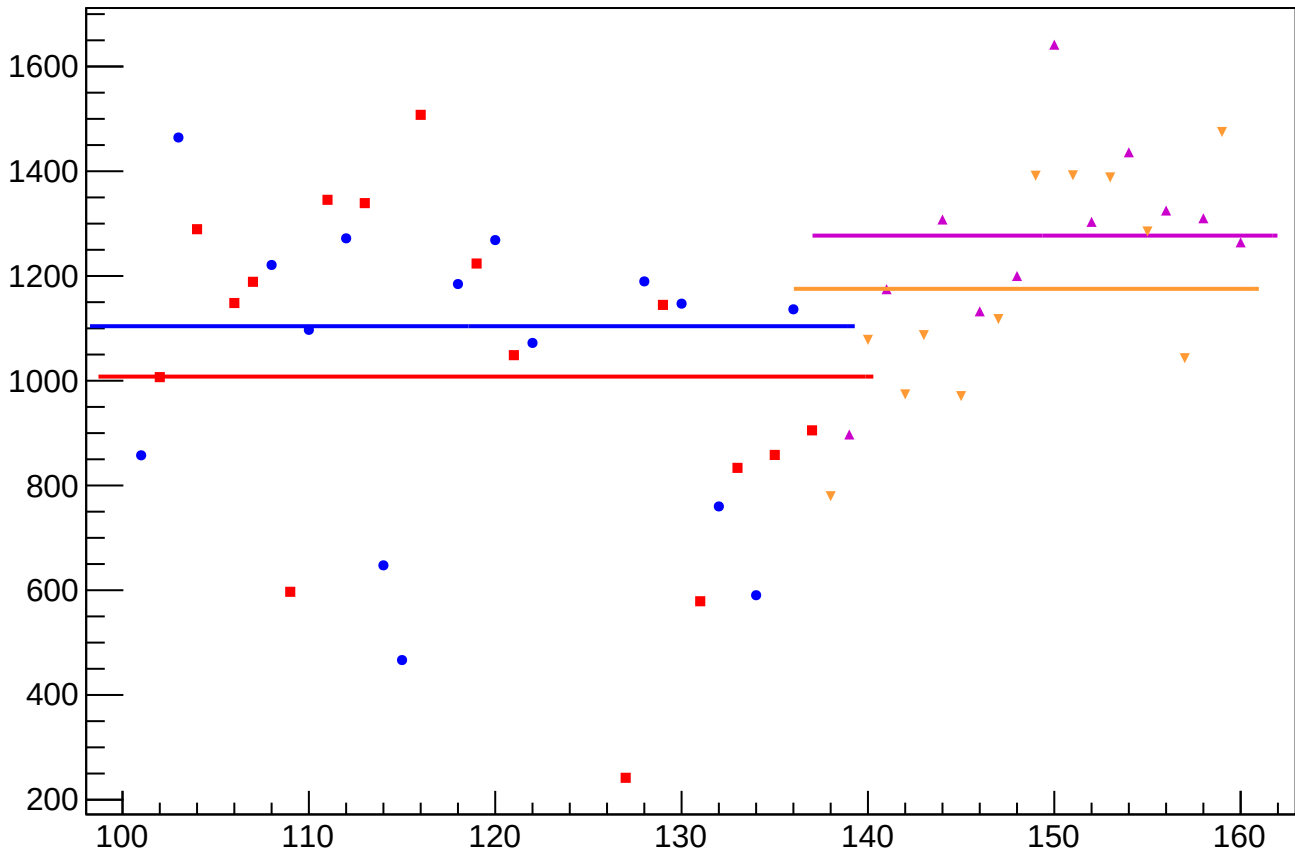
Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

+ sign 213.262+/-0.000 χ^2/NDF : 316186995366268

All: 215.146+/-0.000 χ^2/NDF : 58296120726

- sign 217.000+/-0.000 χ^2/NDF : 266663969074785

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

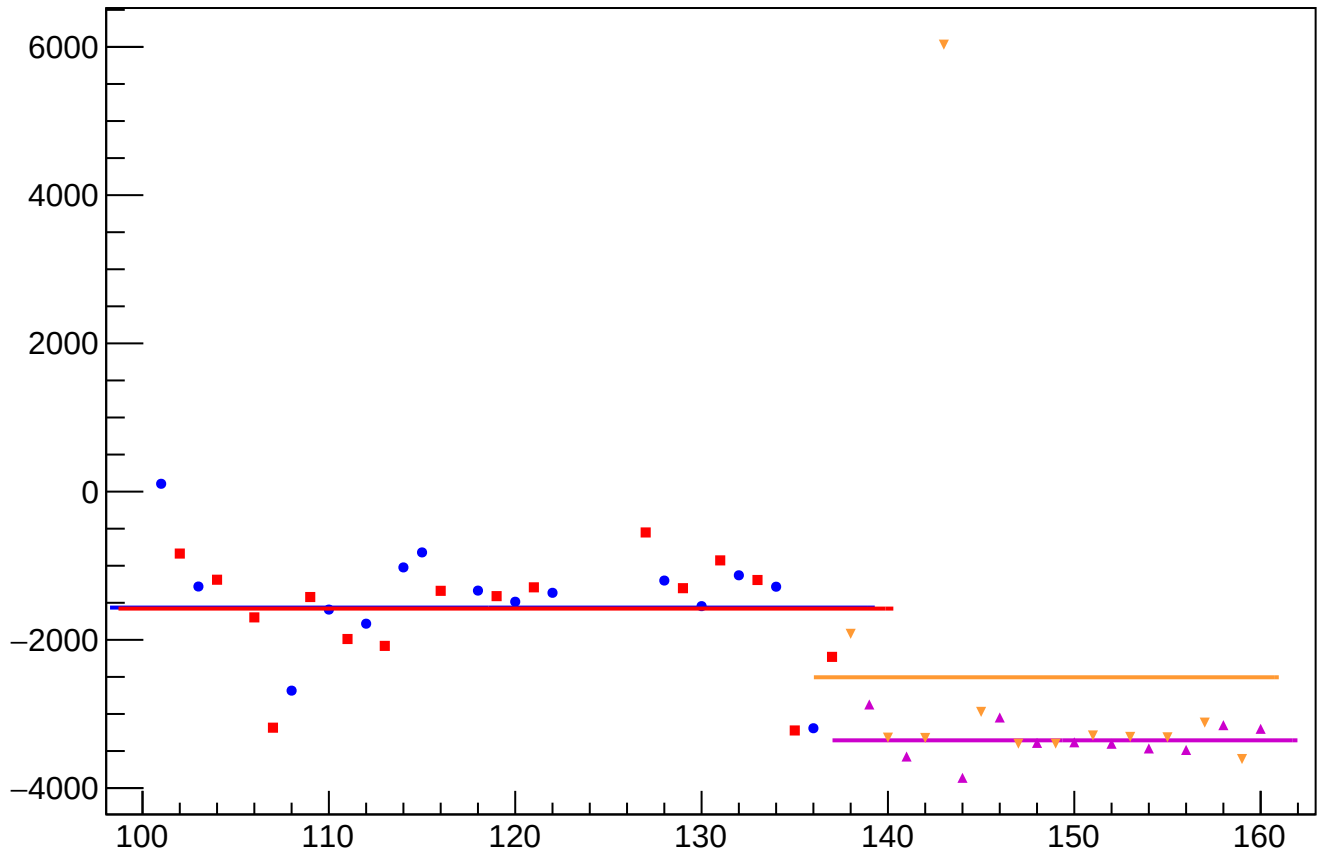
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1145.901 $\pm$ 0.000 χ^2 /NDF: 74640424030704

All: 1155.145 $\pm$ 0.000 χ^2 /NDF: 20163313284

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

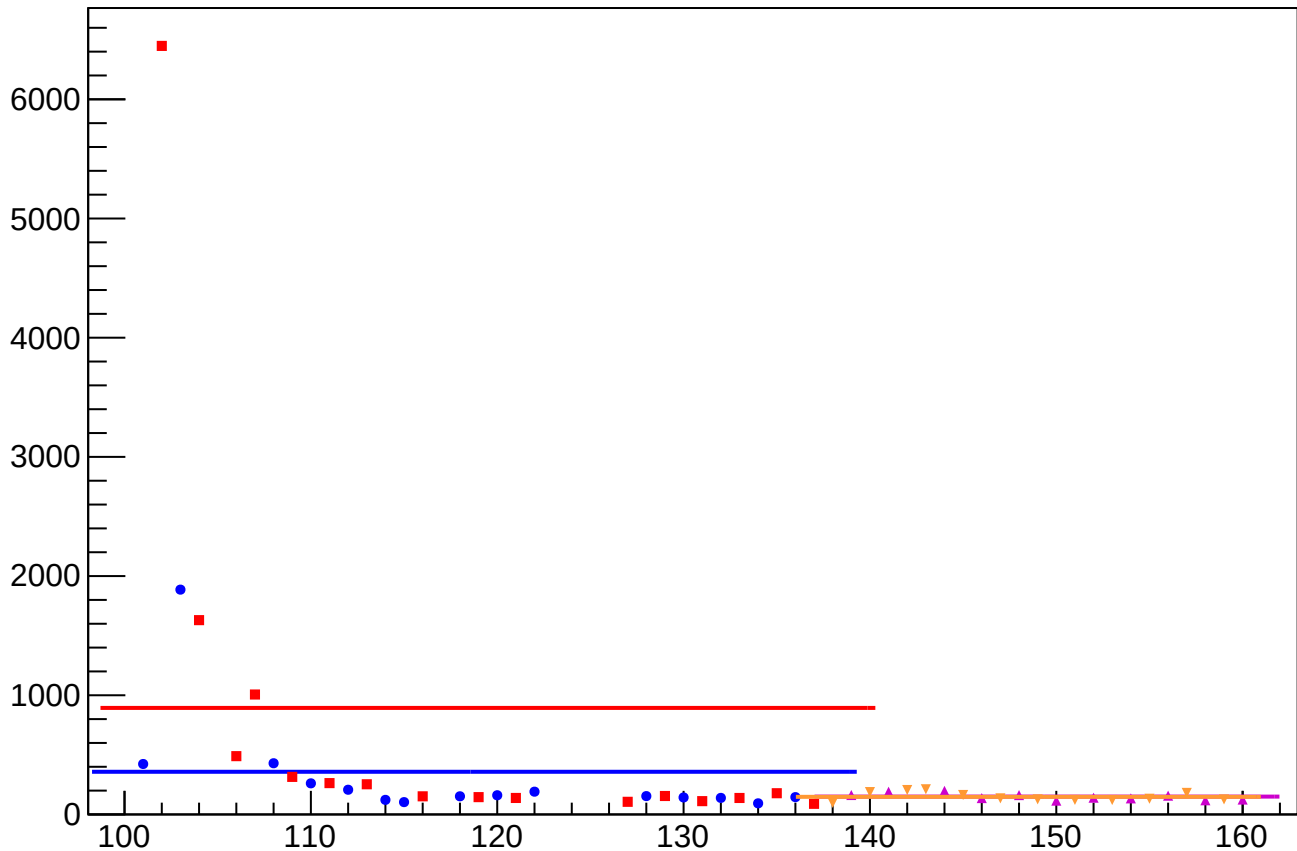
dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -2504.960+/-0.000	χ^2/NDF : 5422497697613230212283297952400402284544.0/11
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3355.712+/-0.000	χ^2/NDF : 61603128430044333980990125877093203968.0/10

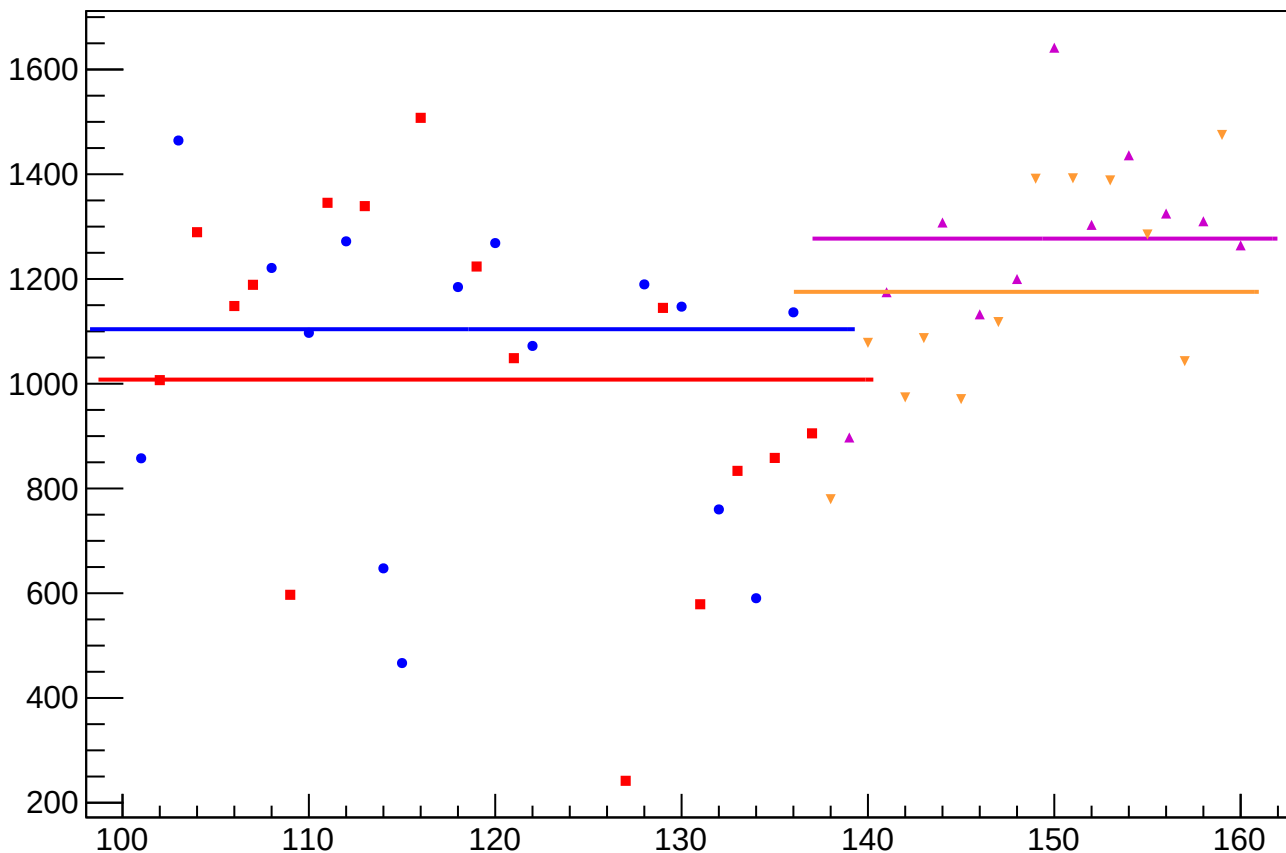
+ sign -2115.243+/-0.000 χ^2/NDF : 6242431119735
 All: -2364.838+/-0.000 χ^2/NDF : 8090017506
 - sign -2610.511+/-0.000 χ^2/NDF : 16540032445159

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14
 Left Out: 147.874+/-0.000 χ^2/NDF : 1073020519575473807448825753294077952.0/11
 Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15
 Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

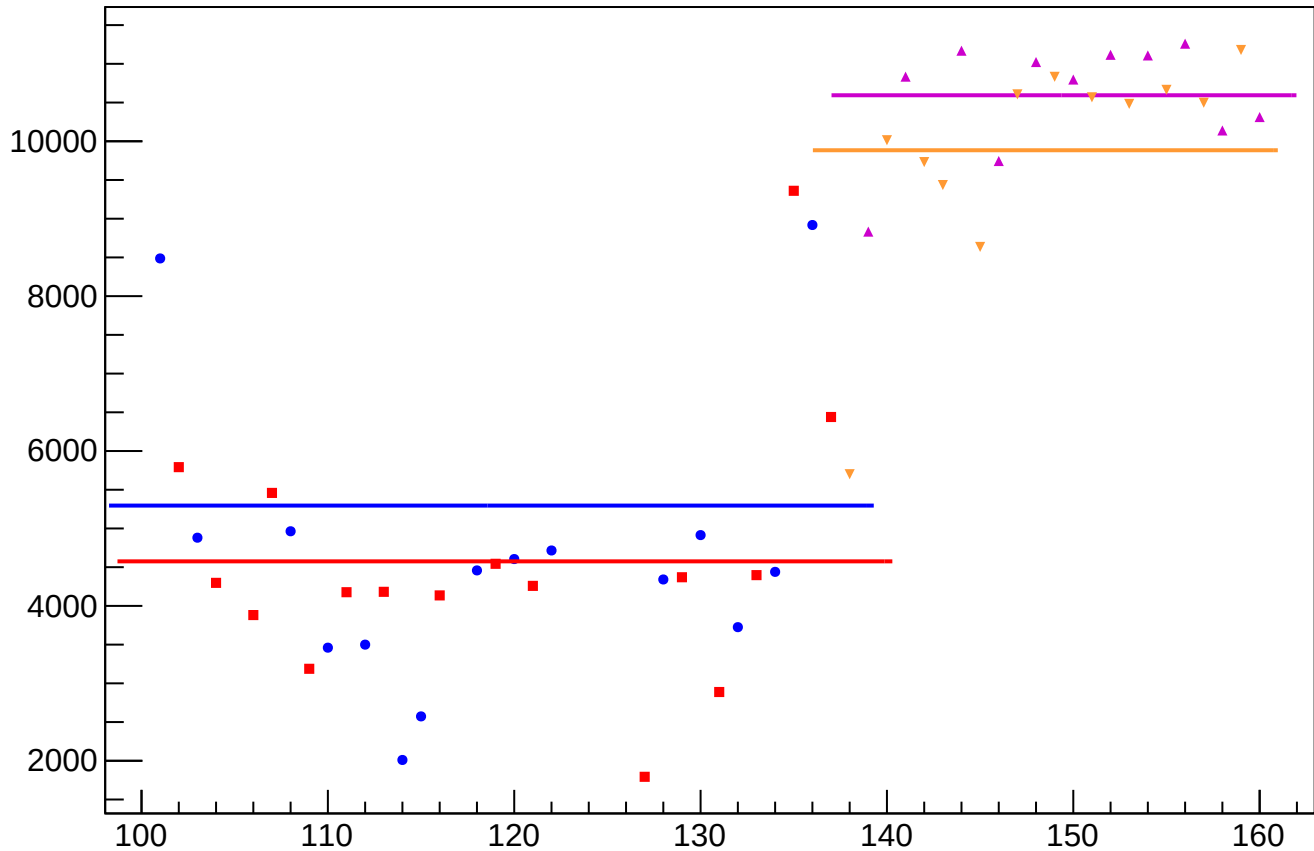
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1145.901 $\pm$ 0.000 χ^2 /NDF: 74640424030704

All: 1155.145 $\pm$ 0.000 χ^2 /NDF: 2016331328

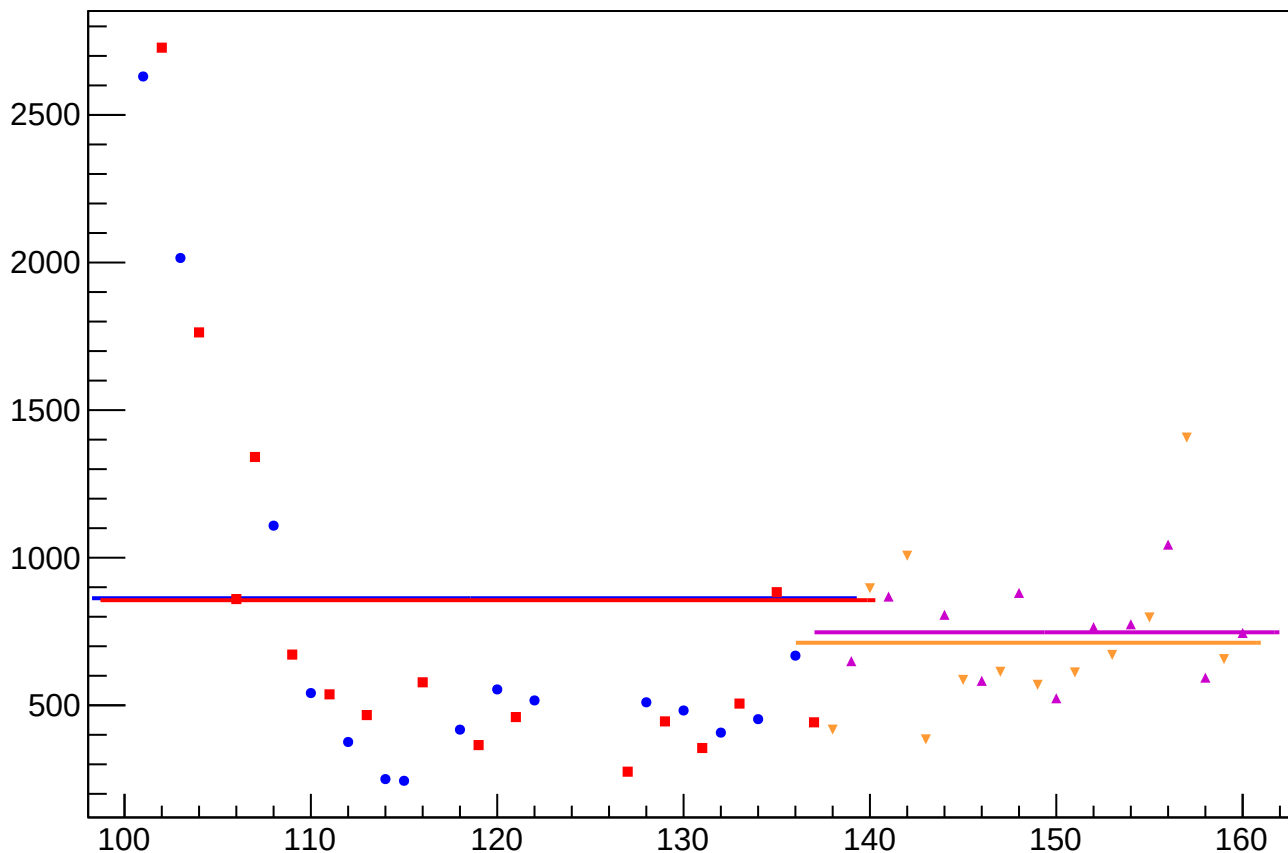
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_atl2_coil3_mean vs Slug



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 9883.978 $\pm$ 0.000 χ^2 /NDF: 1902428891005248408553336449765040193536.0/11
 Right Out: 4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095 $\pm$ 0.000 χ^2 /NDF: 469955671378487676963254464485150162944.0/10

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683 $\pm$ 0.000 χ^2 /NDF: 337684000863819315026459106525759668224.0/14

Left Out: 711.884 $\pm$ 0.000 χ^2 /NDF: 64392508404620992008761939417708363776.0/11

Right Out: 856.059 $\pm$ 0.000 χ^2 /NDF: 327195216546444767148716224688288694272.0/15

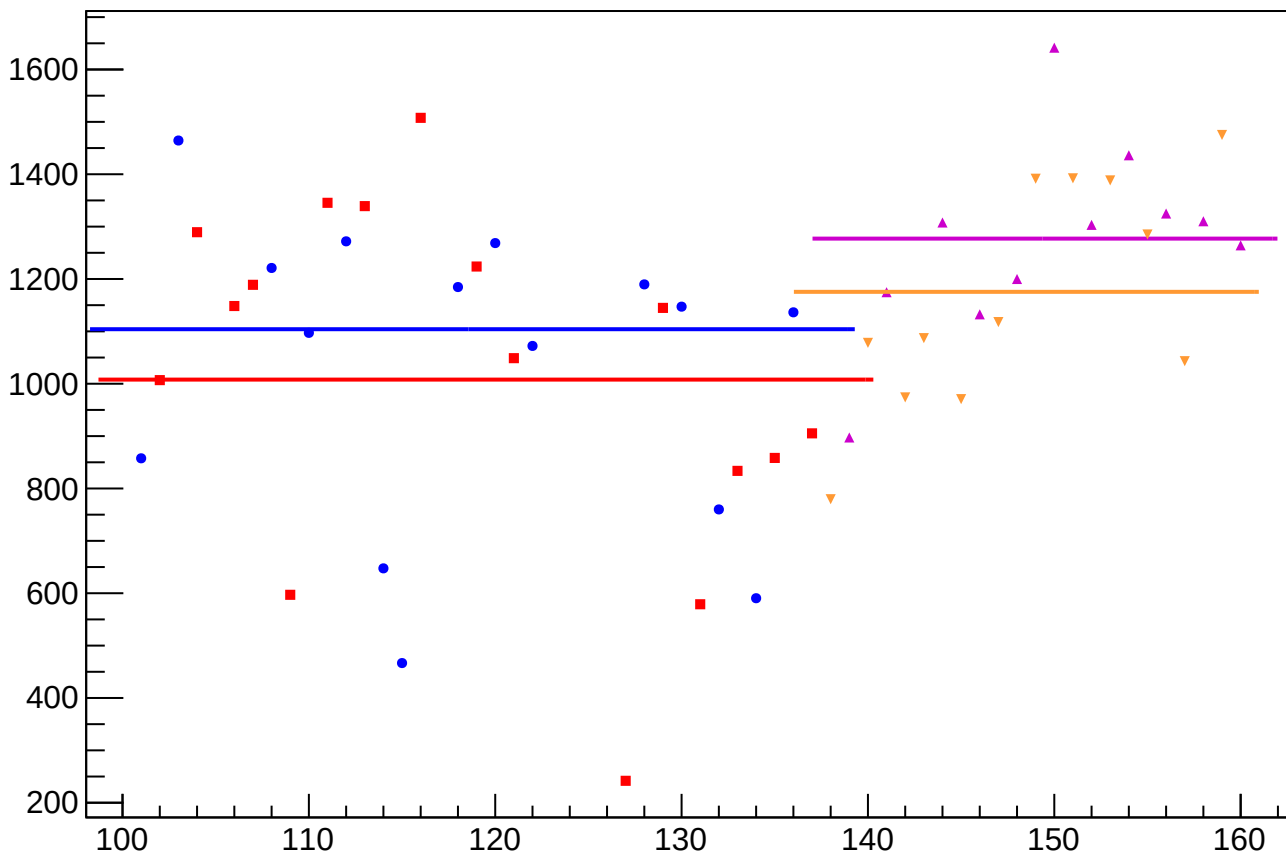
Left In: 747.275 $\pm$ 0.000 χ^2 /NDF: 19678847395727730098310642242030665728.0/10

+ sign 774.380 $\pm$ 0.000 χ^2 /NDF: 410718569179273

All: 783.704 $\pm$ 0.000 χ^2 /NDF: 762446879518

- sign 792.881 $\pm$ 0.000 χ^2 /NDF: 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

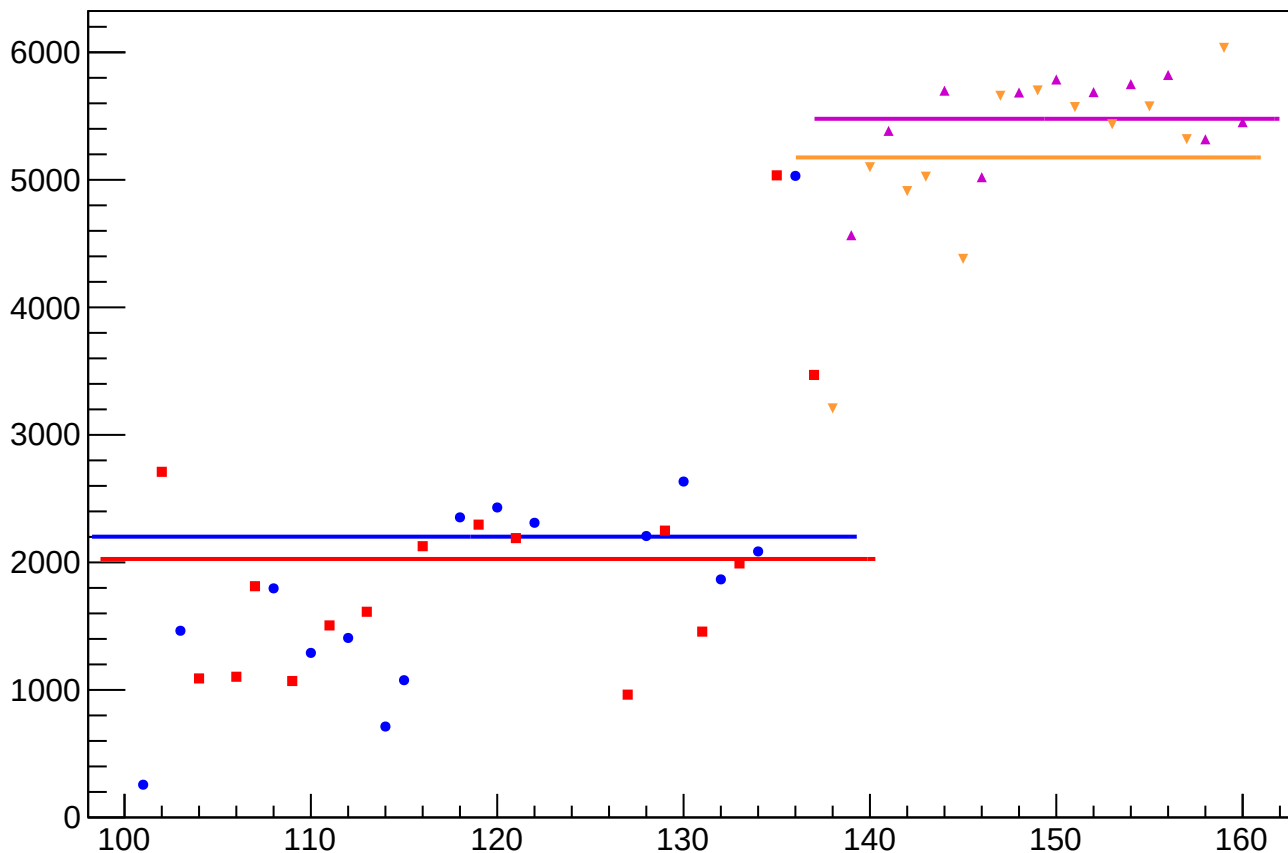
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

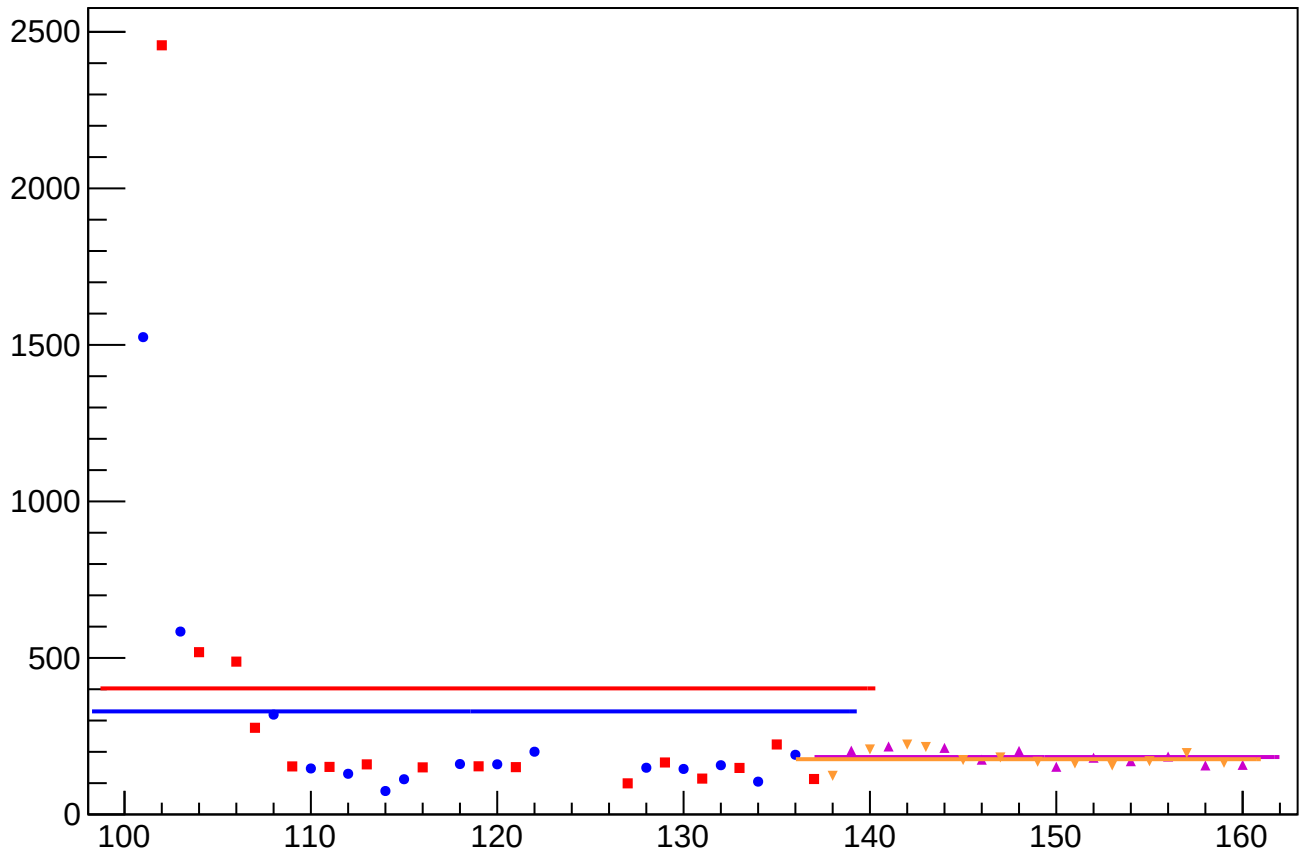
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844 ± 0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5175.489 ± 0.000 χ^2/NDF : 491163082398861244777680604445322248192.0/11
 Right Out: 2026.969 ± 0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5478.713 ± 0.000 χ^2/NDF : 124186054771424011873849346802583601152.0/10

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 176.521+/-0.000 χ^2/NDF : 603954020649542809657845120778633216.0/11

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

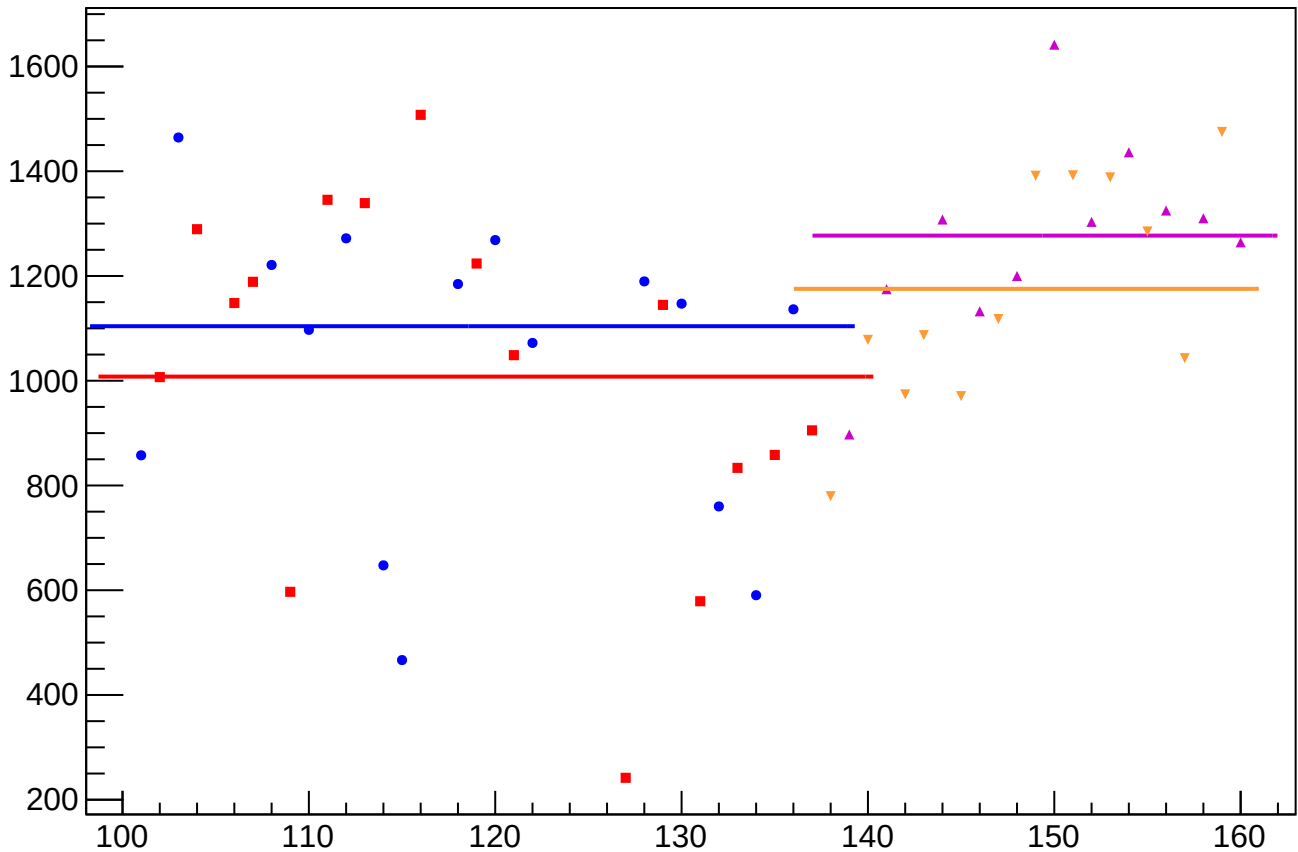
Left In: 183.411+/-0.000 χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 239.808+/-0.000 χ^2/NDF : 112751281695160

All: 257.715+/-0.000 χ^2/NDF : 410462625583

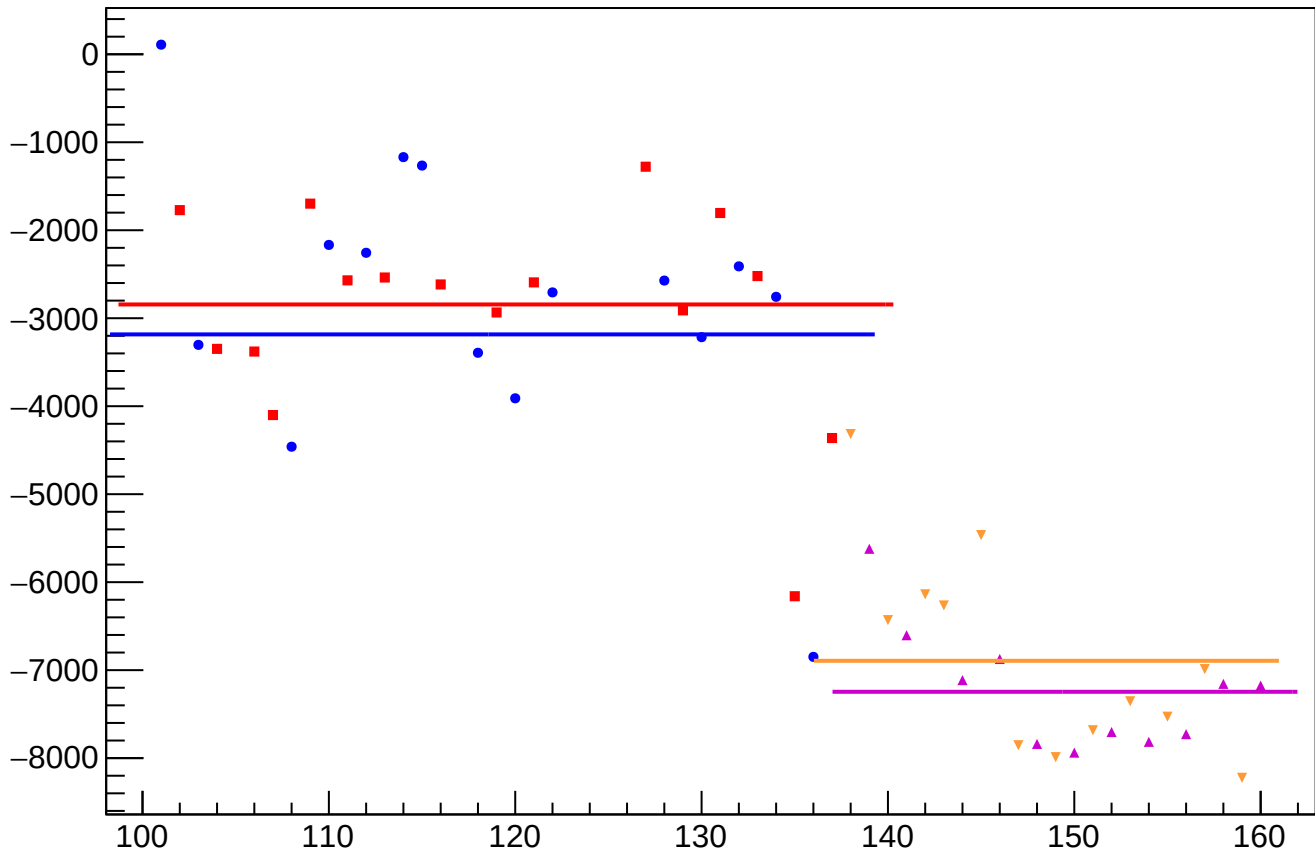
- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

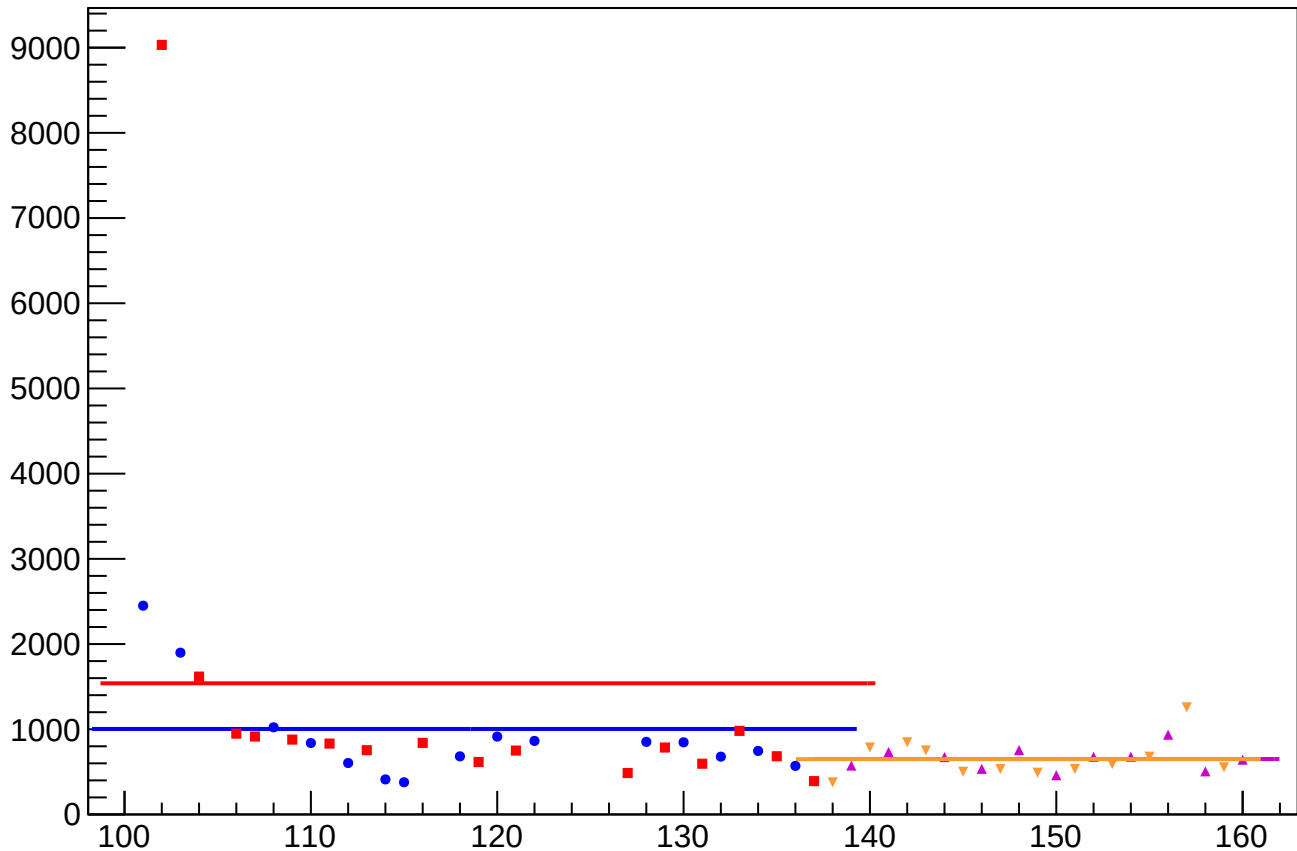
dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000	χ^2/NDF : 2134923281384422537296044119642733543424.0/14
Left Out: -6893.642+/-0.000	χ^2/NDF : 1166796992551395591900489719368617295872.0/11
Right Out: -2843.597+/-0.000	χ^2/NDF : 947077611563723244705531091944015396864.0/15
Left In: -7245.920+/-0.000	χ^2/NDF : 401760462783969098772010925007315140608.0/10

+ sign -5356.219+/-0.000 χ^2/NDF : 8531737355376
 All: -5378.444+/-0.000 χ^2/NDF : 1738954260
 - sign -5400.320+/-0.000 χ^2/NDF : 8856270344208

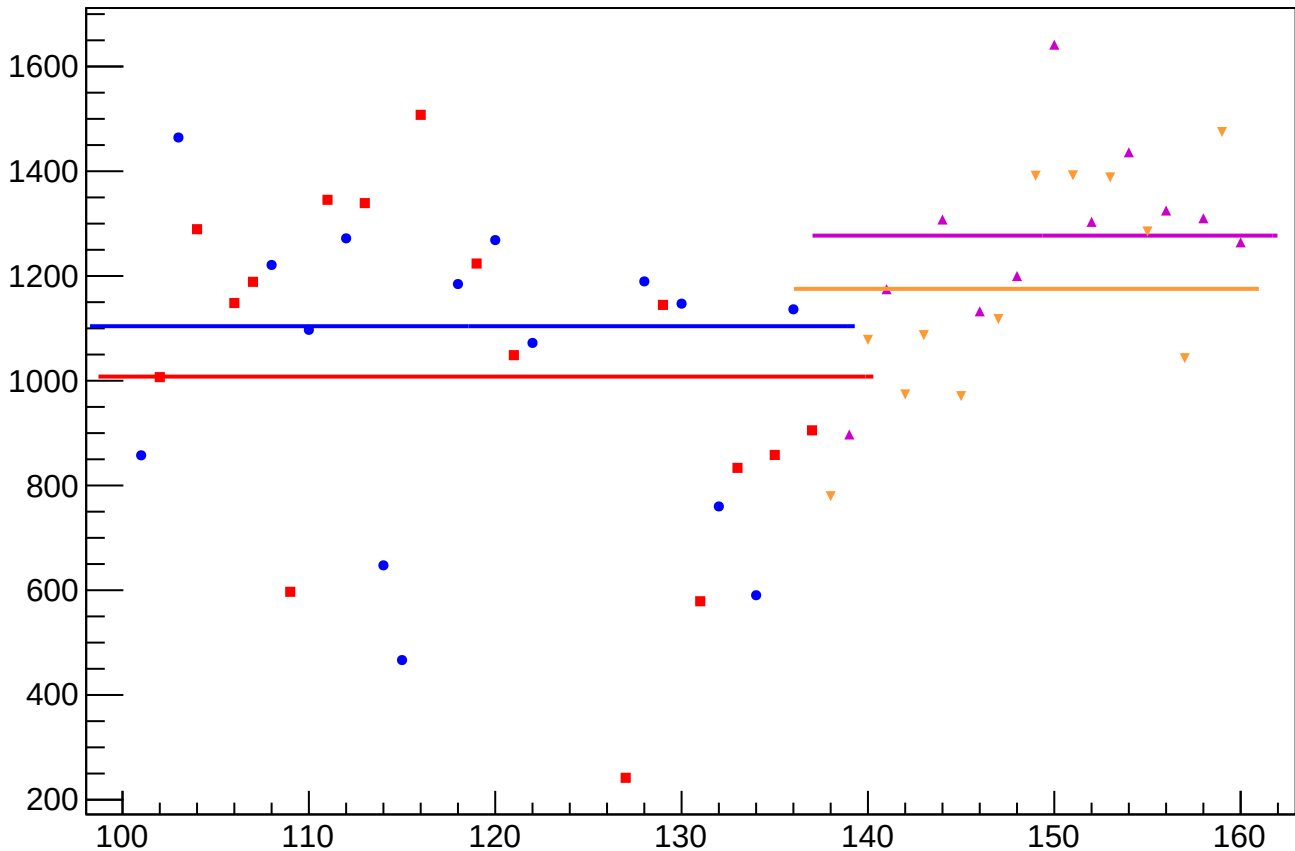
dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000	χ^2/NDF : 219815257294811198811064619822196195328.0/14
Left Out: 649.450+/-0.000	χ^2/NDF : 46064570136396855168938023455129862144.0/11
Right Out: 1539.568+/-0.000	χ^2/NDF : 3614774785297482293145354574125437288448.0/15
Left In: 650.769+/-0.000	χ^2/NDF : 14776465774858799846922535858394365952.0/10

+ sign 796.141+/-0.000 χ^2/NDF : 313492413123593
 All: 910.662+/-0.000 χ^2/NDF : 428980610728
 - sign 1023.383+/-0.000 χ^2/NDF : 39355602156889

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

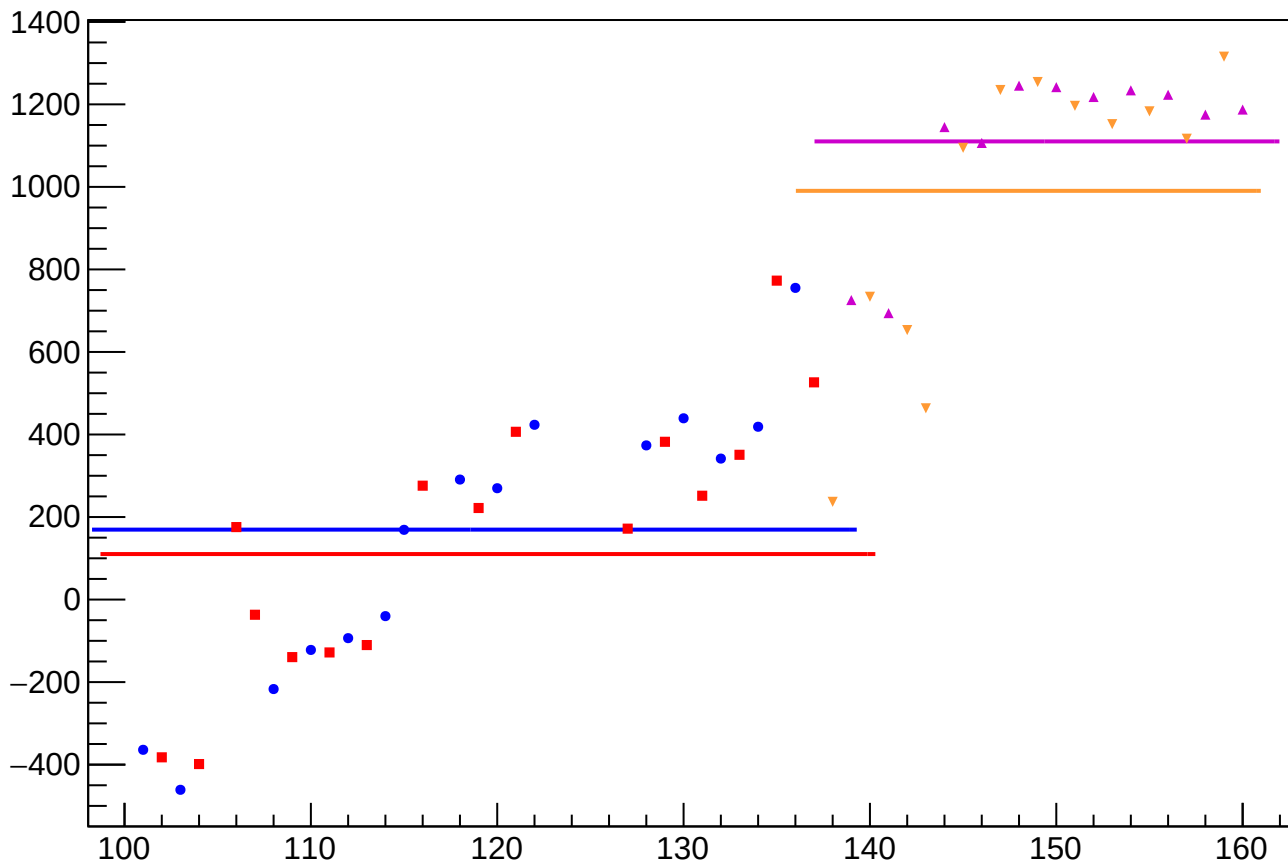
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1145.901 $\pm$ 0.000 χ^2 /NDF: 74640424030704

All: 1155.145 $\pm$ 0.000 χ^2 /NDF: 2016331328

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 990.430+/-0.000 χ^2/NDF : 103090910531659754312882501653991784448.0/11

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

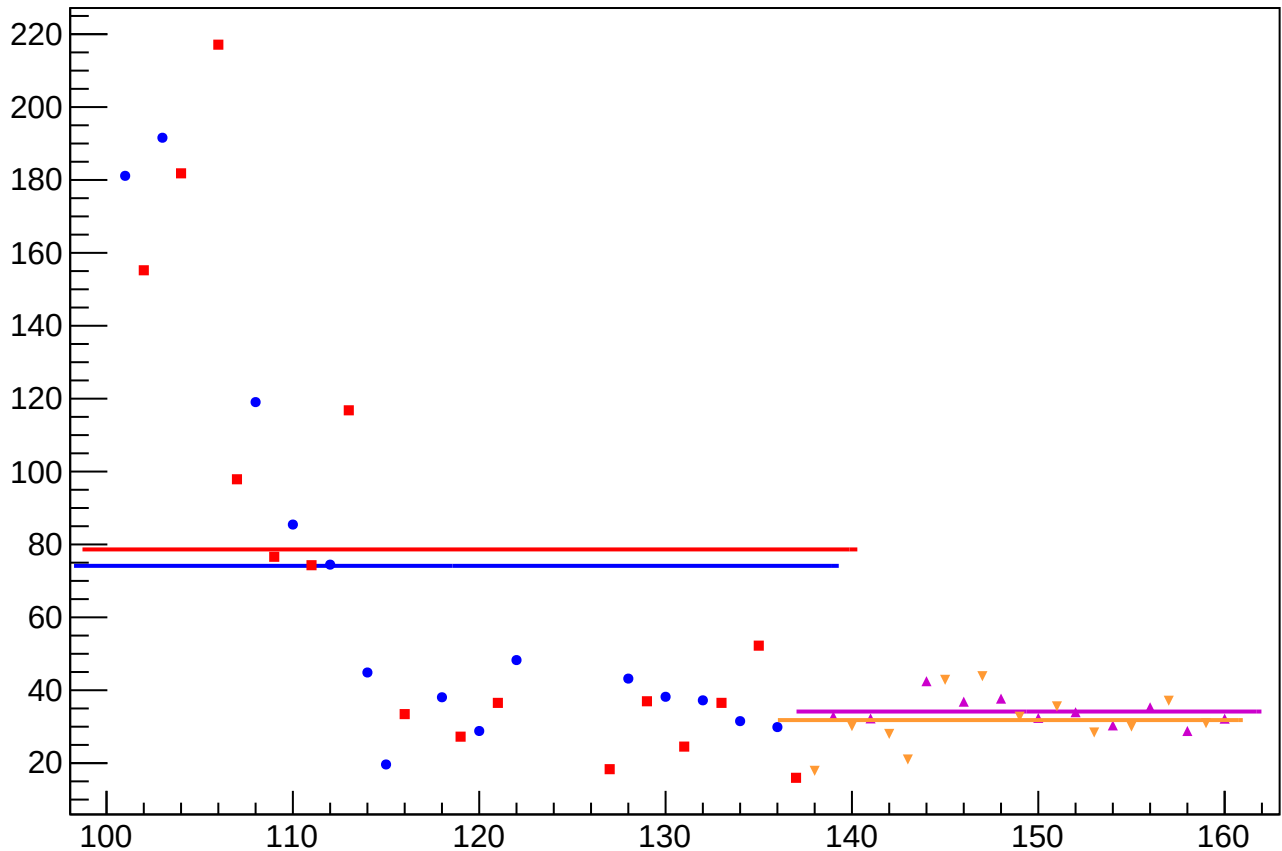
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ sign 650.206+/-0.000 χ^2/NDF : 454647994177762

All: 670.768+/-0.000 χ^2/NDF : 94911703358

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129 $\pm$ 0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.811 $\pm$ 0.000 χ^2/NDF : 49714502708074355804513533446586368.0/11

Right Out: 78.633 $\pm$ 0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

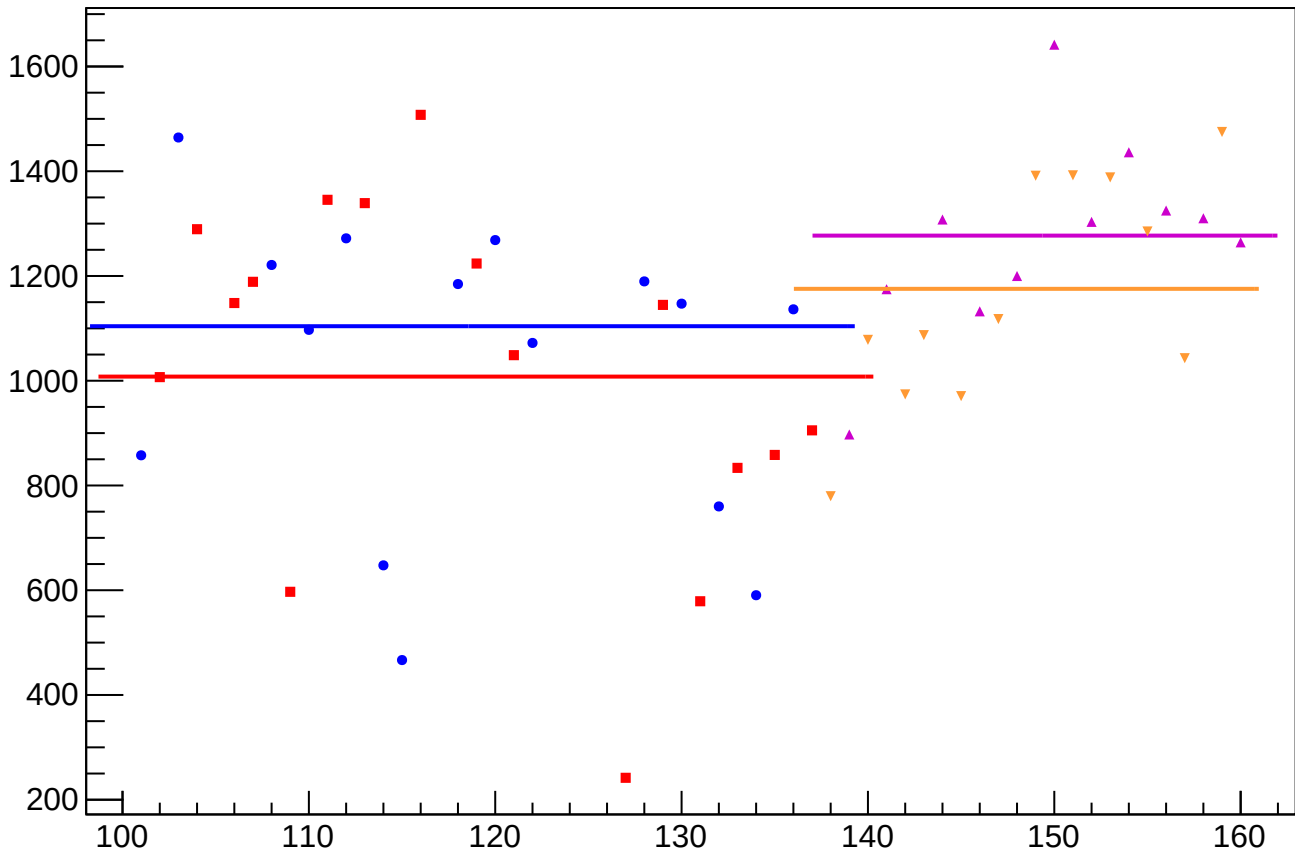
Left In: 34.158 $\pm$ 0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.349 $\pm$ 0.000 χ^2/NDF : 2898641022839379

All: 51.090 $\pm$ 0.000 χ^2/NDF : 6030042065717

- sign 52.804 $\pm$ 0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

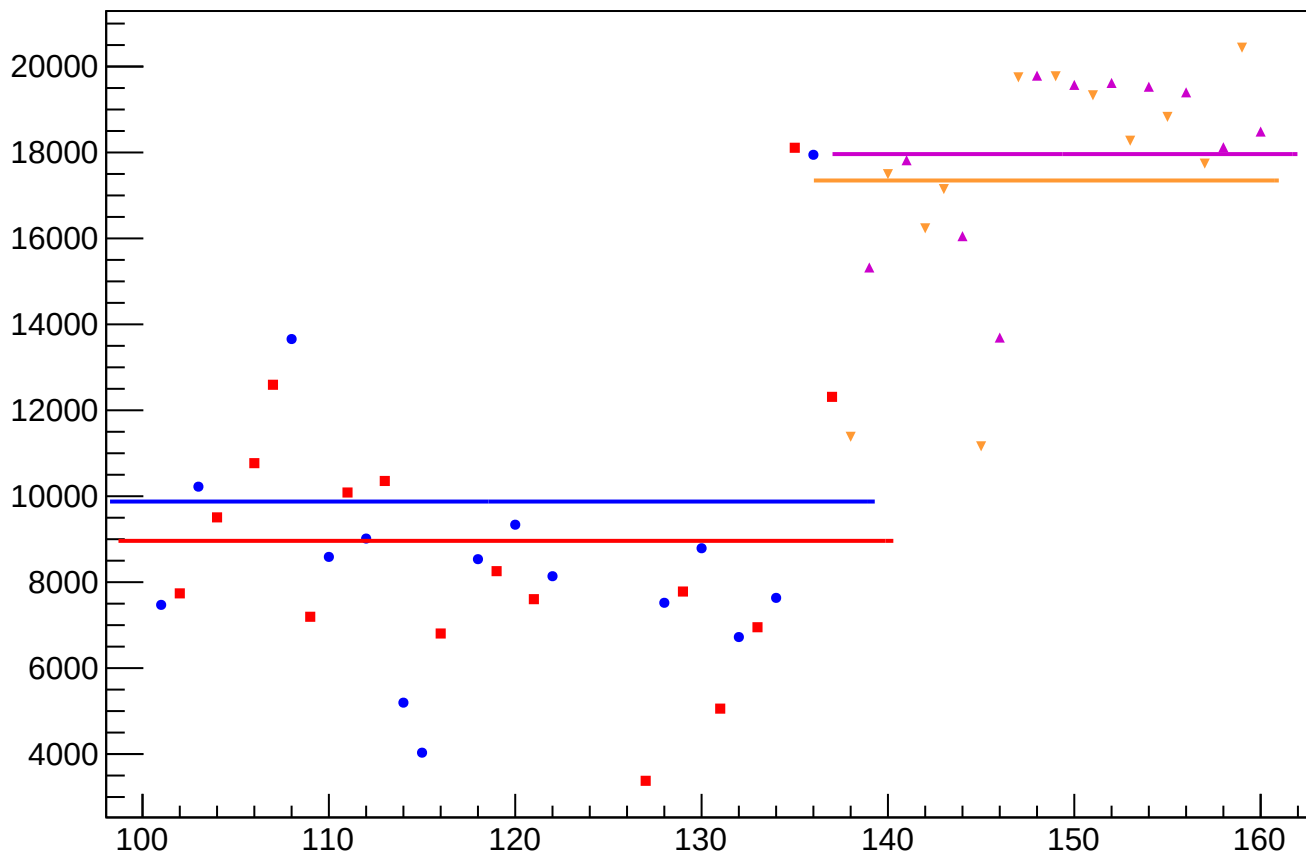
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 2016331328

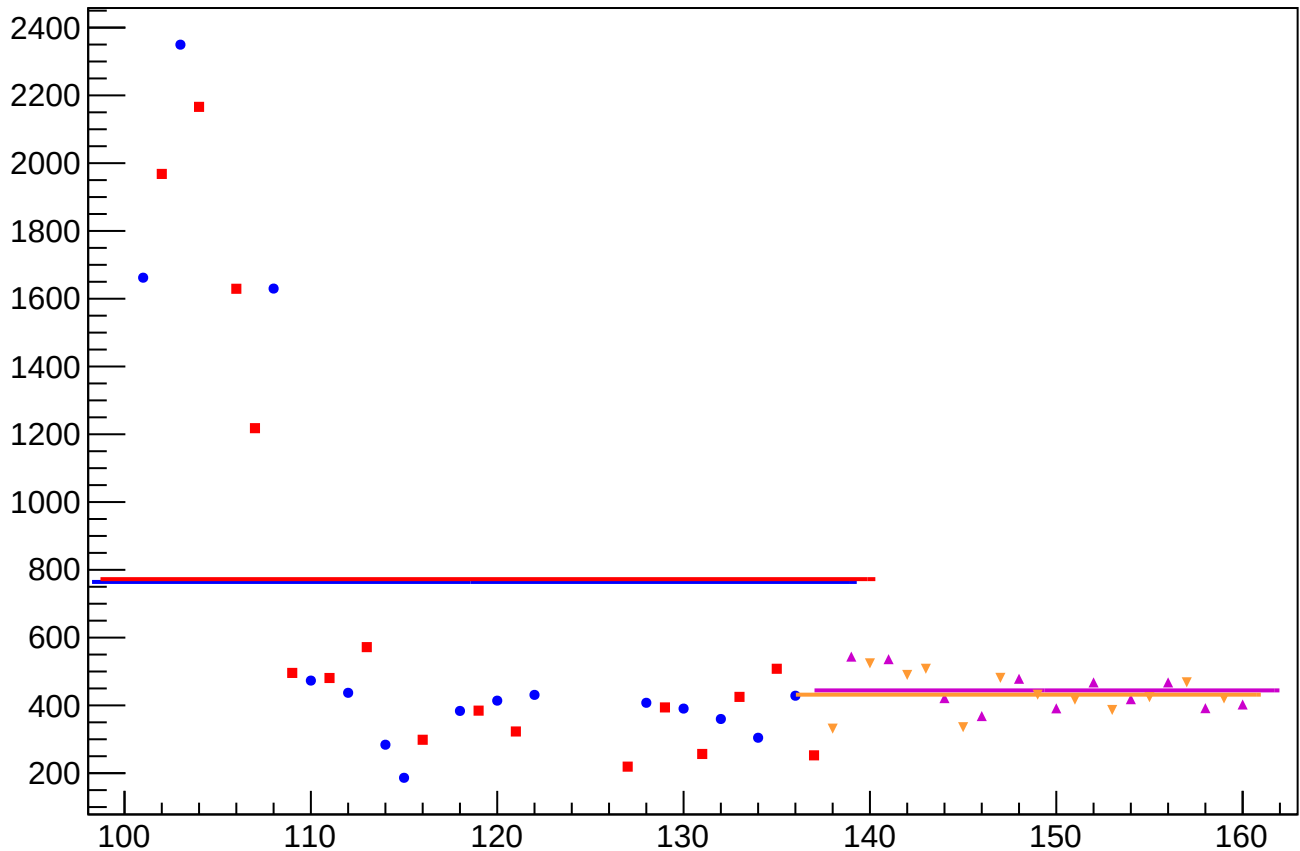
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



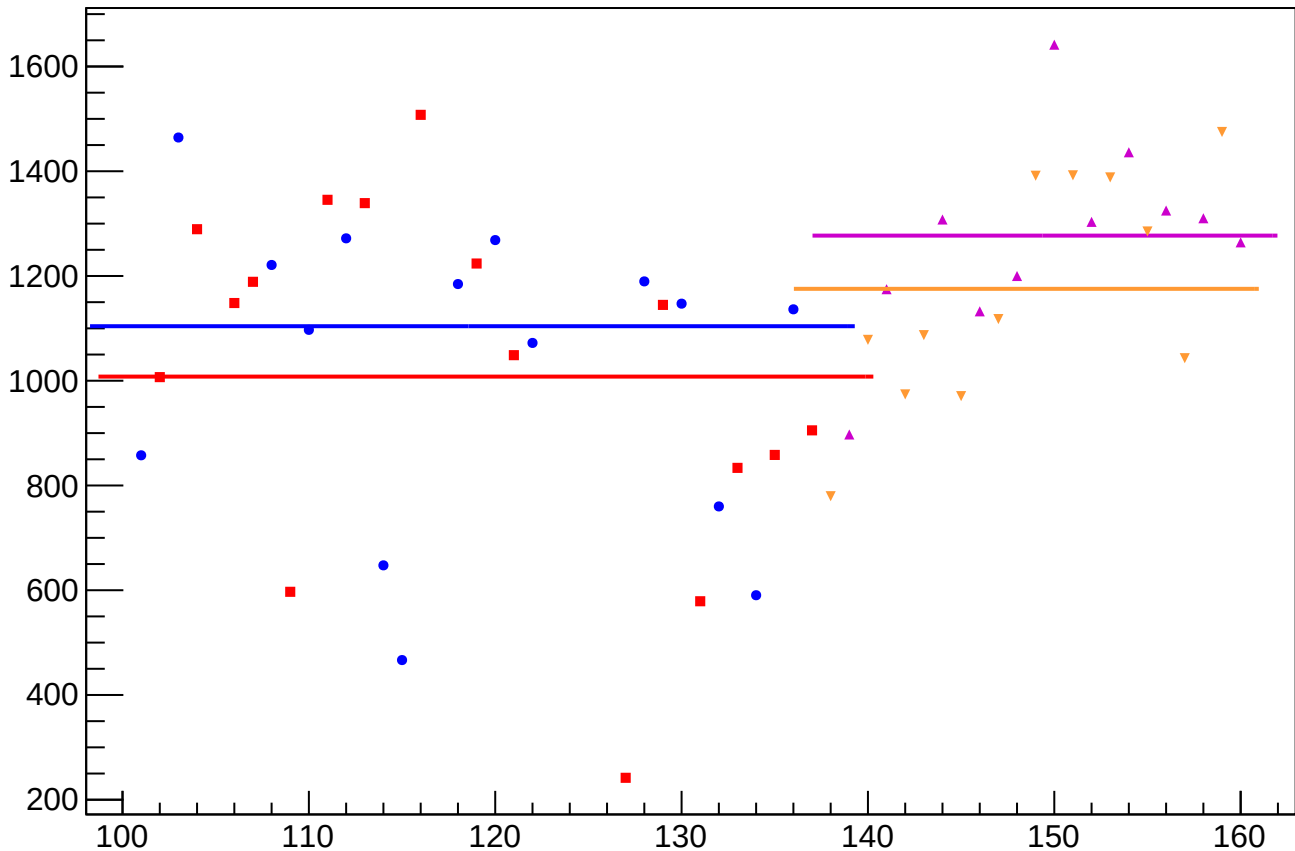
Right In: 9876.530+/-0.000	χ^2/NDF : 8483360287053054122301651905797133697024.0/14	+ sign 14251.650+/-0.000	χ^2/NDF : 3790609532840
Left Out: 17348.108+/-0.000	χ^2/NDF : 8207548108596149921739030122495561695232.0/11	All: 14220.096+/-0.000	χ^2/NDF : 8044123795
Right Out: 8961.593+/-0.000	χ^2/NDF : 7583728644146461427304320888408335450112.0/15	- sign 14189.038+/-0.000	χ^2/NDF : 4253204880235
Left In: 17962.529+/-0.000	χ^2/NDF : 3564698291142811133043344688261317525504.0/10		

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284 $\pm$ 0.000 χ^2 /NDF: 290964758058269480005067205020030599168.0/14
 Left Out: 431.662 $\pm$ 0.000 χ^2 /NDF: 3280421514159451222222919804563488768.0/11
 Right Out: 772.547 $\pm$ 0.000 χ^2 /NDF: 285902138904642401278625587631891677184.0/15
 Left In: 444.245 $\pm$ 0.000 χ^2 /NDF: 2906625839452991270105053894151241728.0/10

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

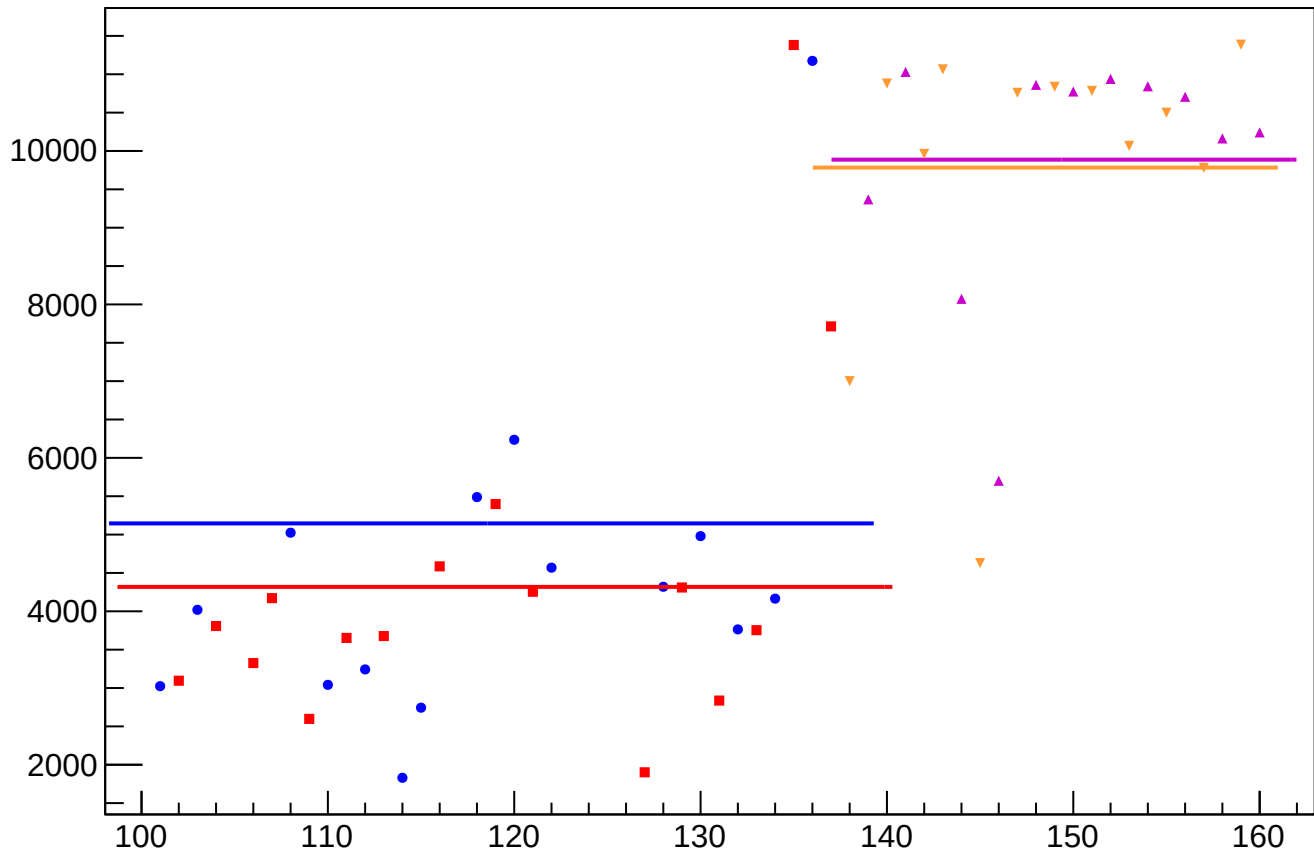
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

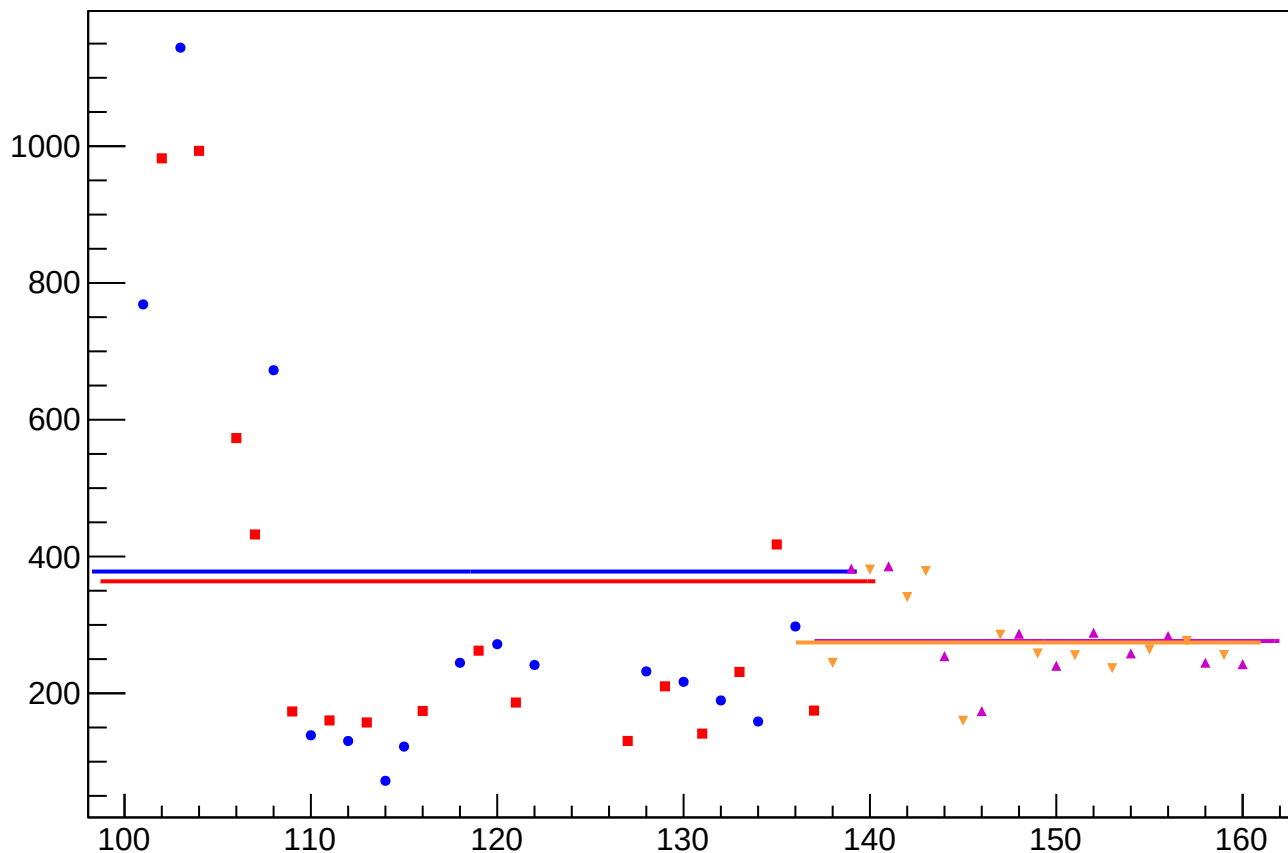
+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704
 All: 1155.145+/-0.000 χ^2/NDF : 2016331328
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000	χ^2/NDF : 4272867262459372237810540195851662262272.0/14	+ sign 7861.503+/-0.000	χ^2/NDF : 15911133661545
Left Out: 9783.623+/-0.000	χ^2/NDF : 3463460967659182435053933688350532698112.0/11	All: 7705.719+/-0.000	χ^2/NDF : 33623839374
Right Out: 4318.126+/-0.000	χ^2/NDF : 3345176554564755427312533888908526616576.0/15	- sign 7552.383+/-0.000	χ^2/NDF : 17637293606384
Left In: 9887.069+/-0.000	χ^2/NDF : 2278516780225824082632420288802127347712.0/10		

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052 $\pm$ 0.000 χ^2 /NDF: 61516590022593053040860760861331947520.0/14

Left Out: 274.281 $\pm$ 0.000 χ^2 /NDF: 3210866570321724501306846670770667520.0/11

Right Out: 363.772 $\pm$ 0.000 χ^2 /NDF: 59031337484709801804181439342706688000.0/15

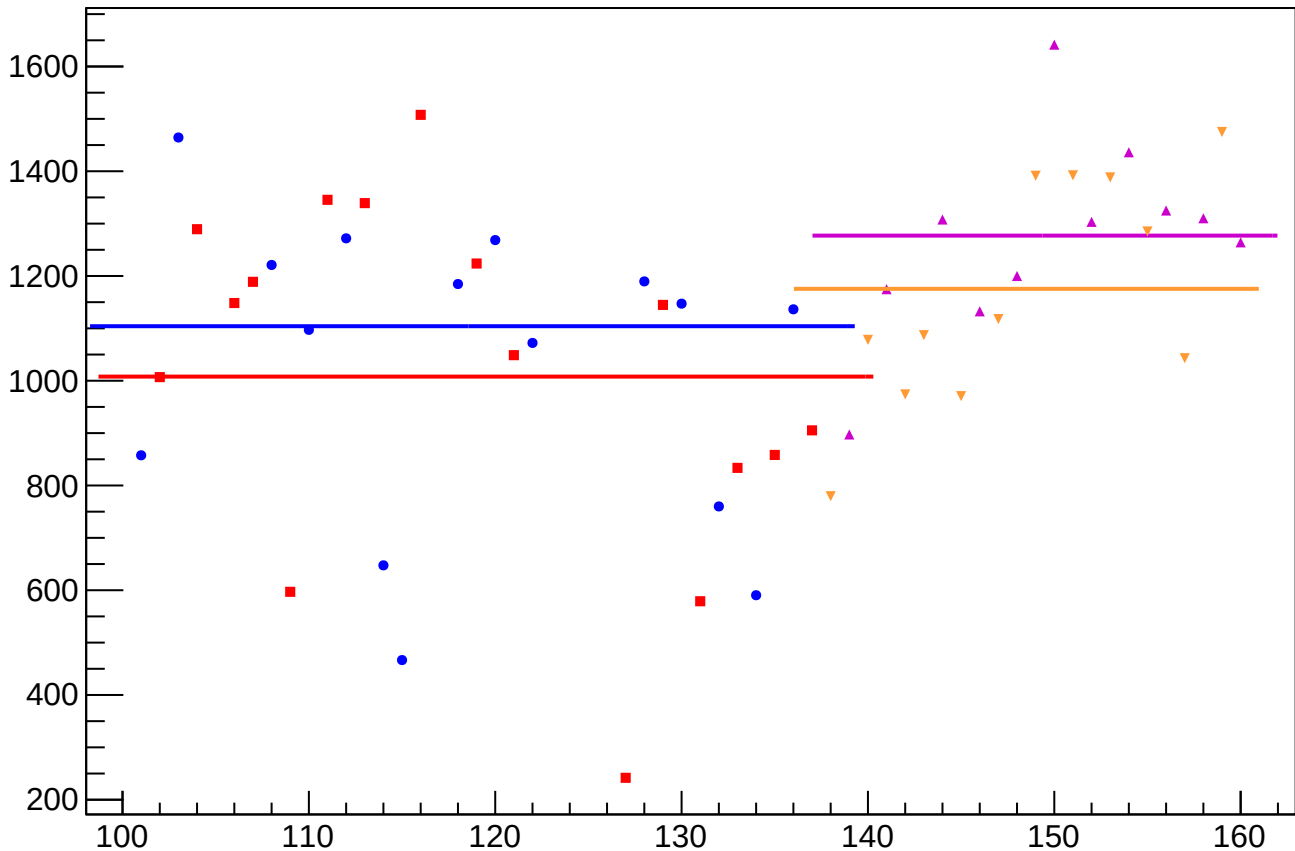
Left In: 276.429 $\pm$ 0.000 χ^2 /NDF: 3176476969276554988209041450490396672.0/10

+ sign 317.287 $\pm$ 0.000 χ^2 /NDF: 688198238811862

All: 315.150 $\pm$ 0.000 χ^2 /NDF: 133997003769

- sign 313.047 $\pm$ 0.000 χ^2 /NDF: 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

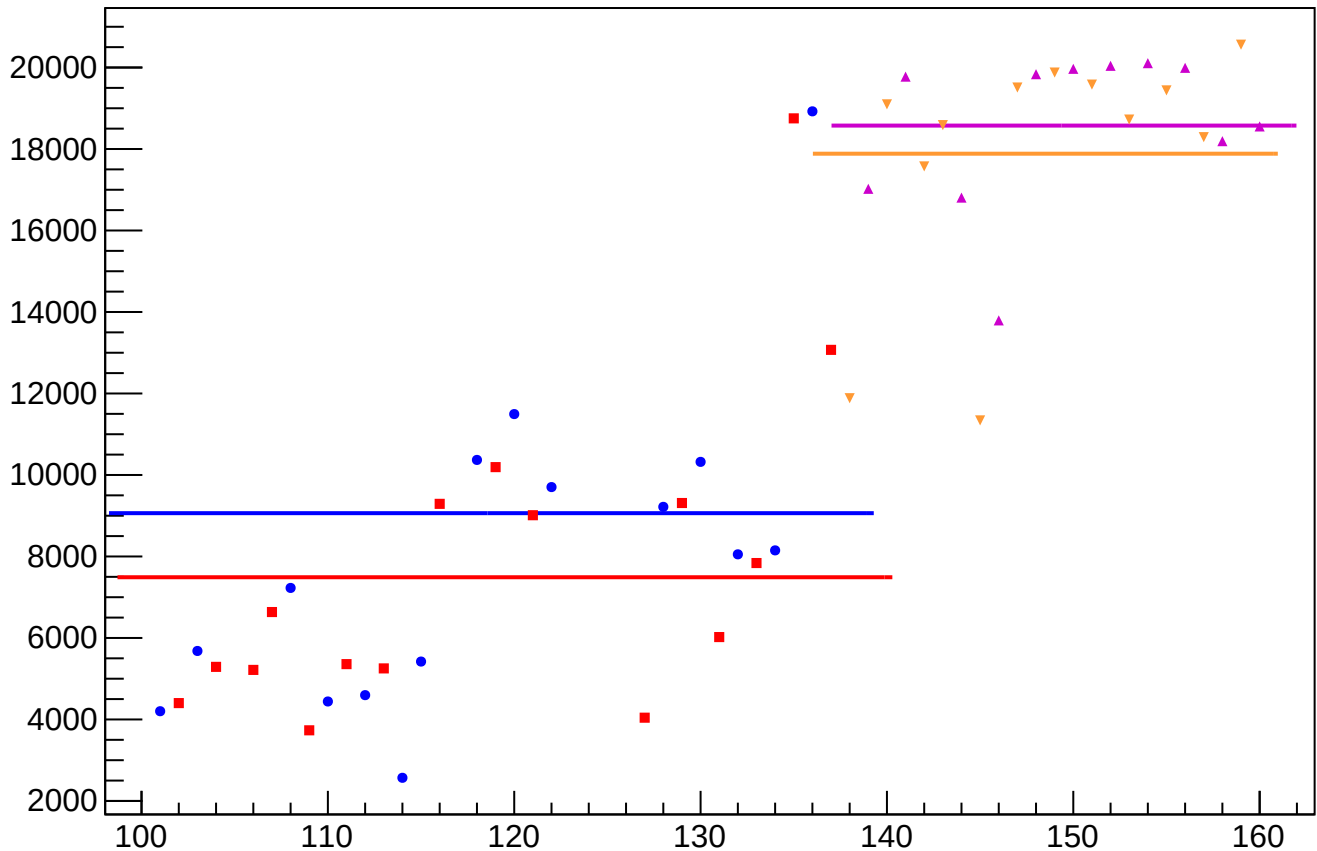
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

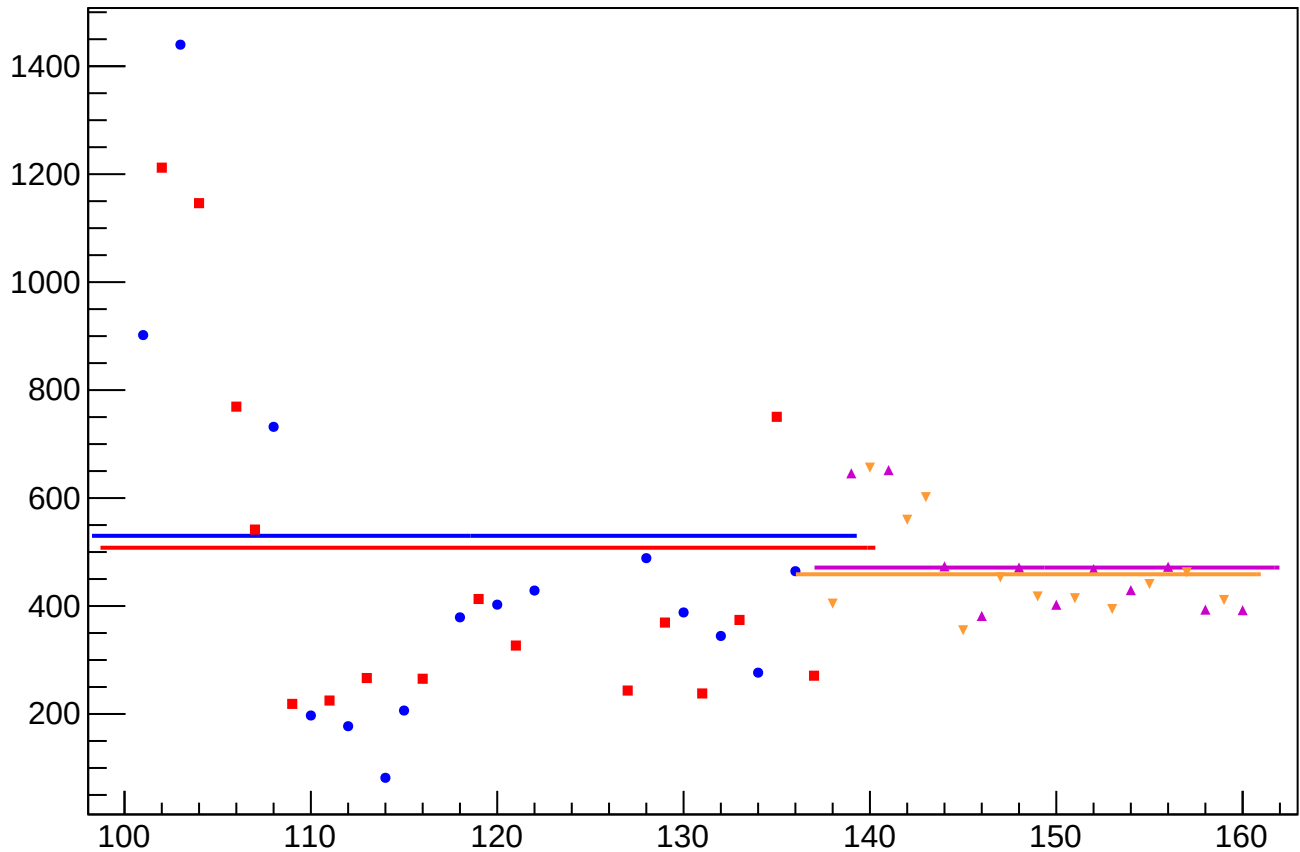
+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704
 All: 1155.145+/-0.000 χ^2/NDF : 20163313284
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17884.828+/-0.000 χ^2/NDF : 8035777278860305028144675580255817170944.0/11
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18574.874+/-0.000 χ^2/NDF : 3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

+ sign 488.335+/-0.000 χ^2/NDF : 876795060631457

Left Out: 458.806+/-0.000 χ^2/NDF : 6995521594489868747173366228733394944.0/11

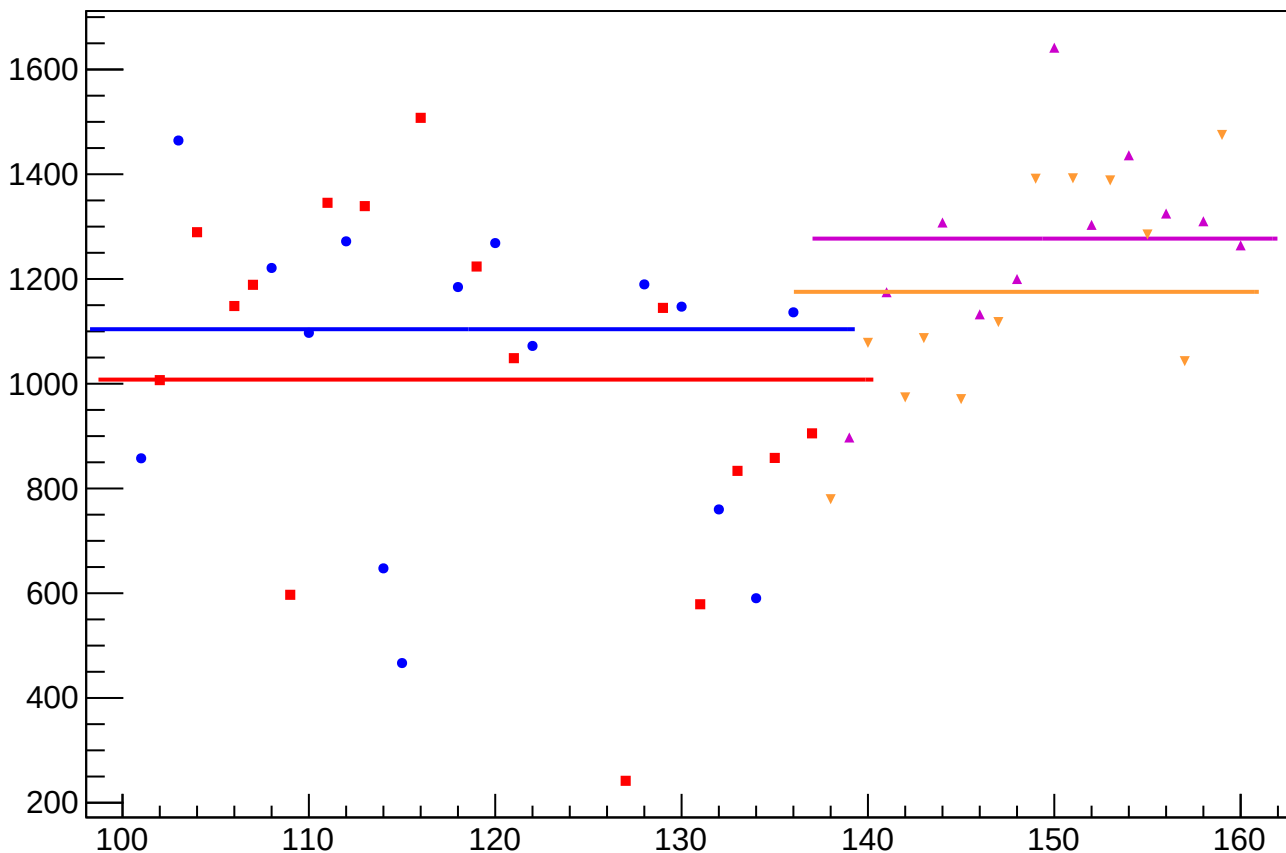
All: 487.478+/-0.000 χ^2/NDF : 17234116496

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

- sign 486.633+/-0.000 χ^2/NDF : 846593738129805

Left In: 471.219+/-0.000 χ^2/NDF : 744597321916033625746772011051745280.0/10

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

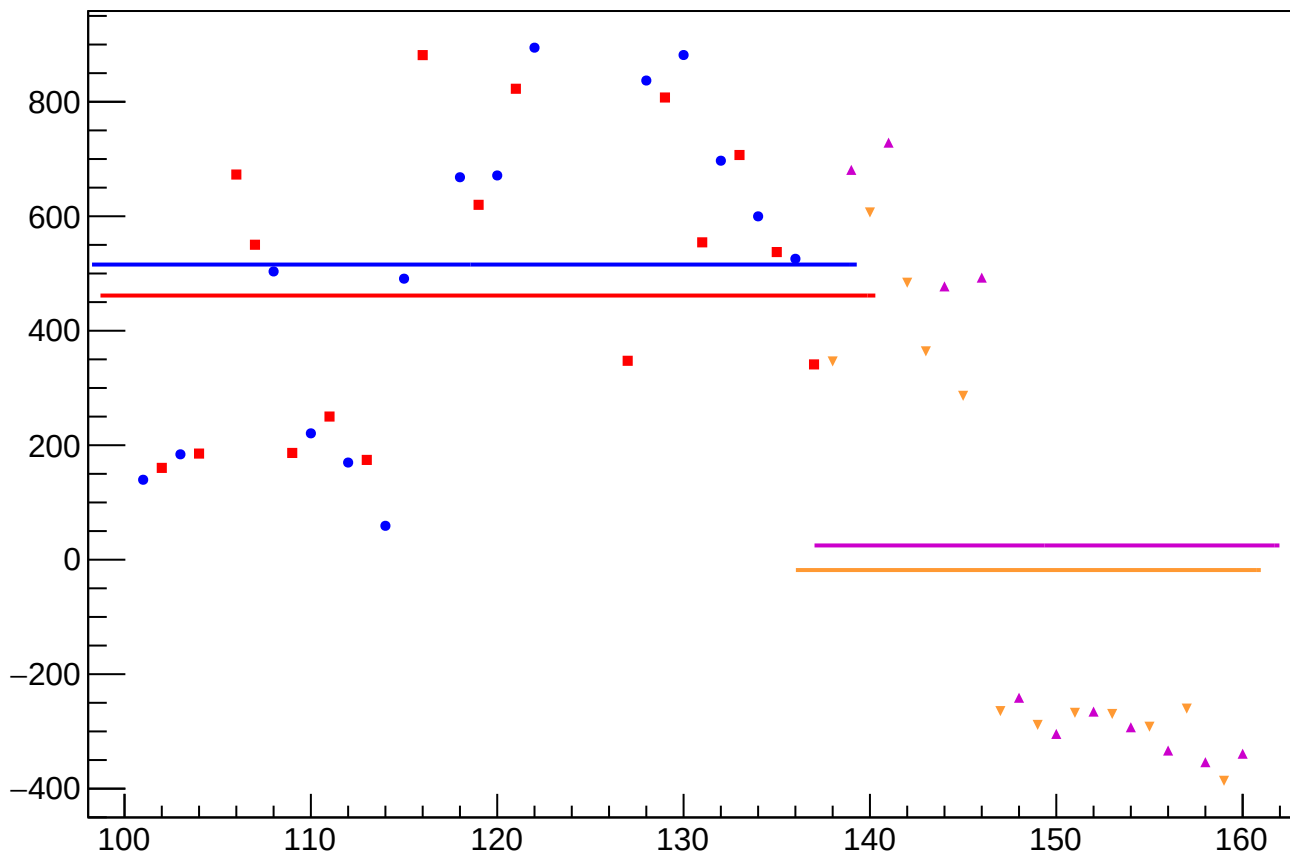
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

+ sign 203.105+/-0.000 χ^2/NDF : 270481717005925

Left Out: -18.086+/-0.000 χ^2/NDF : 113760261442063078265103594368341639168.0/11

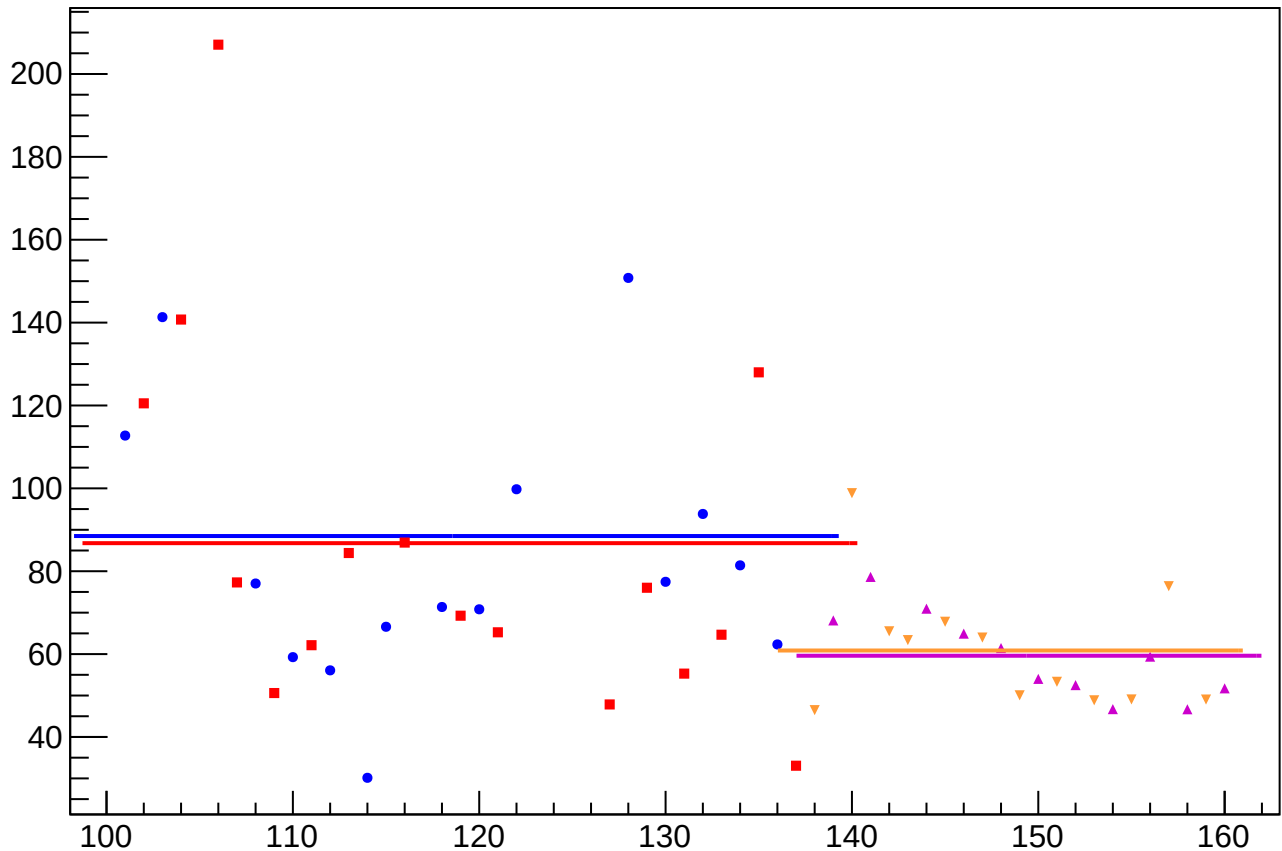
All: 205.539+/-0.000 χ^2/NDF : 561984373916

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



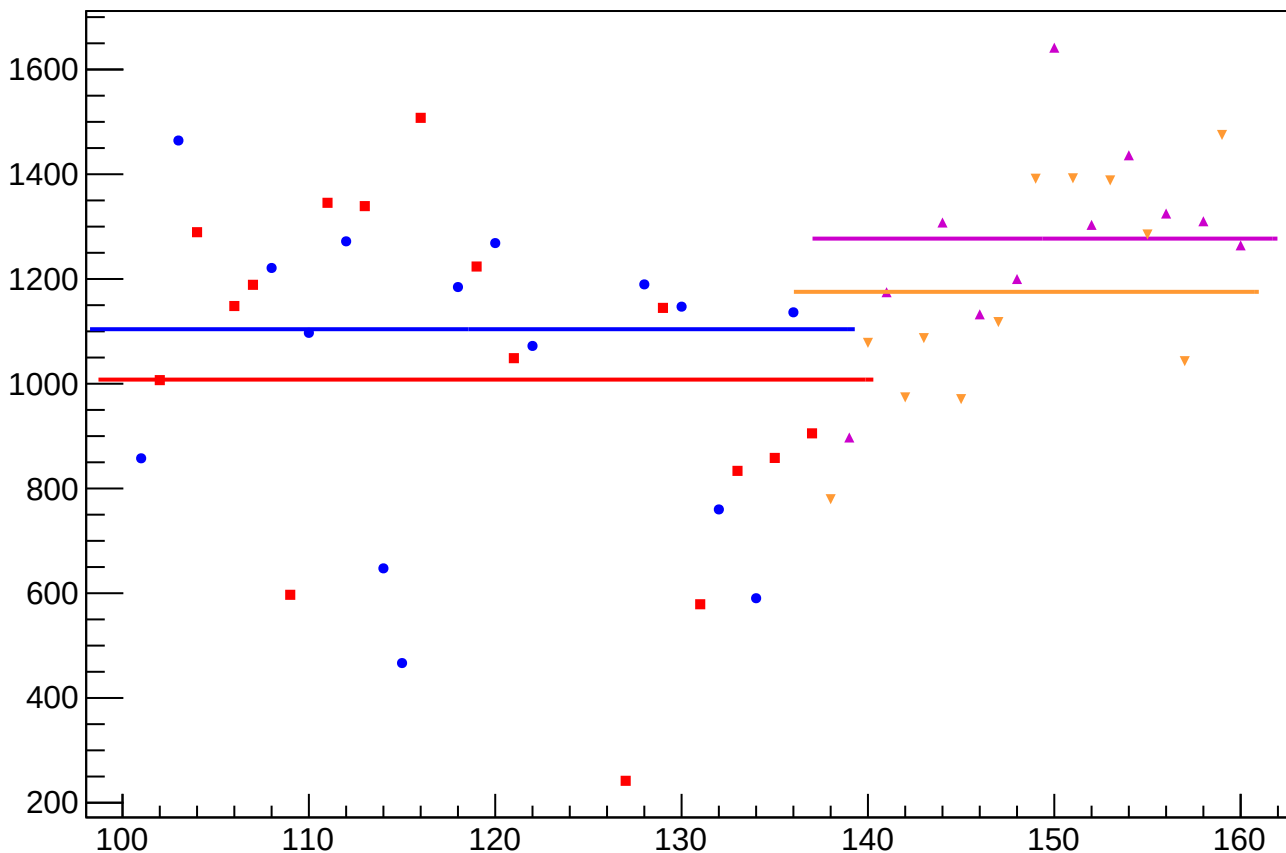
Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 60.867+/-0.000 χ^2/NDF : 208334830420842687698000766503485440.0/11

Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

Left In: 59.604+/-0.000 χ^2/NDF : 90862625181985664375323463168032768.0/10

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

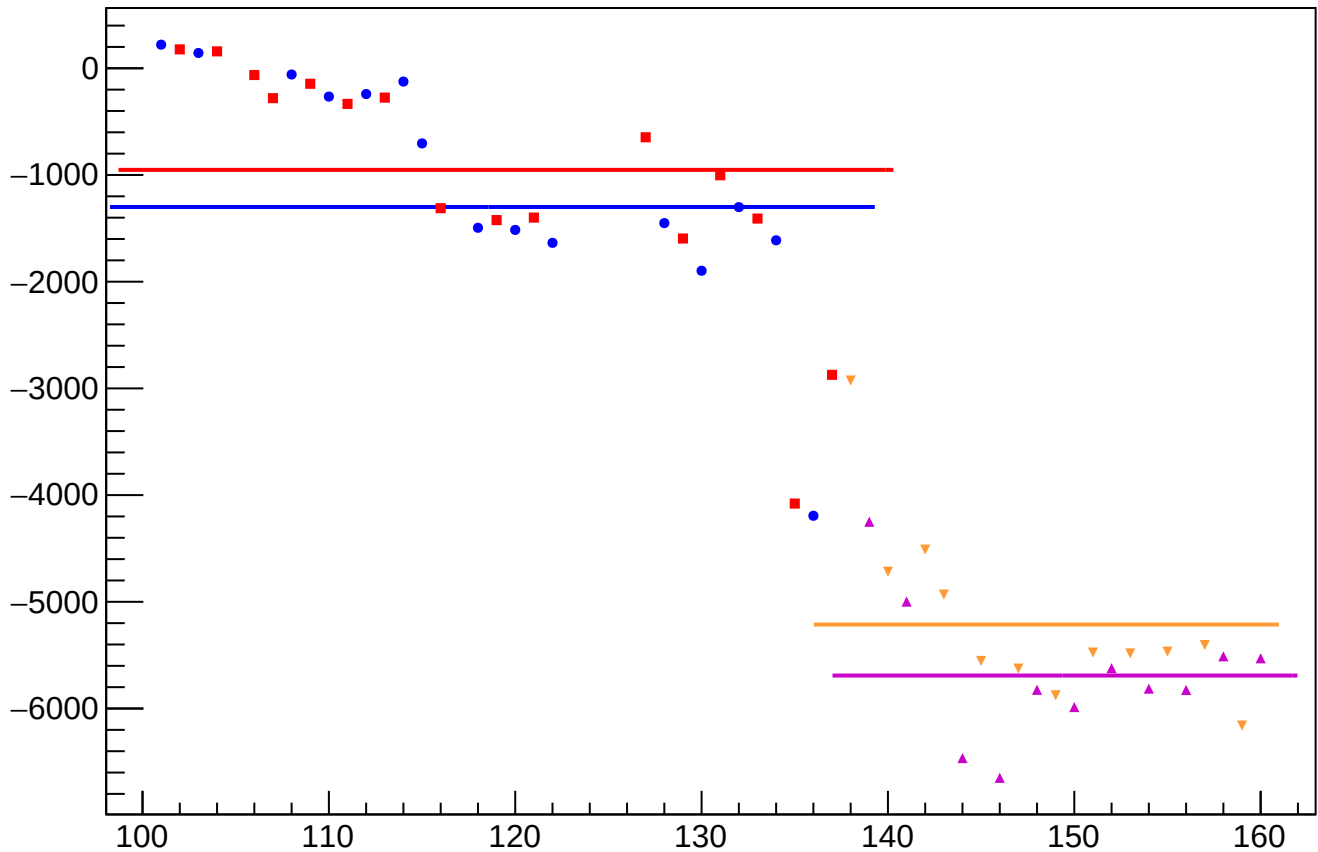
Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

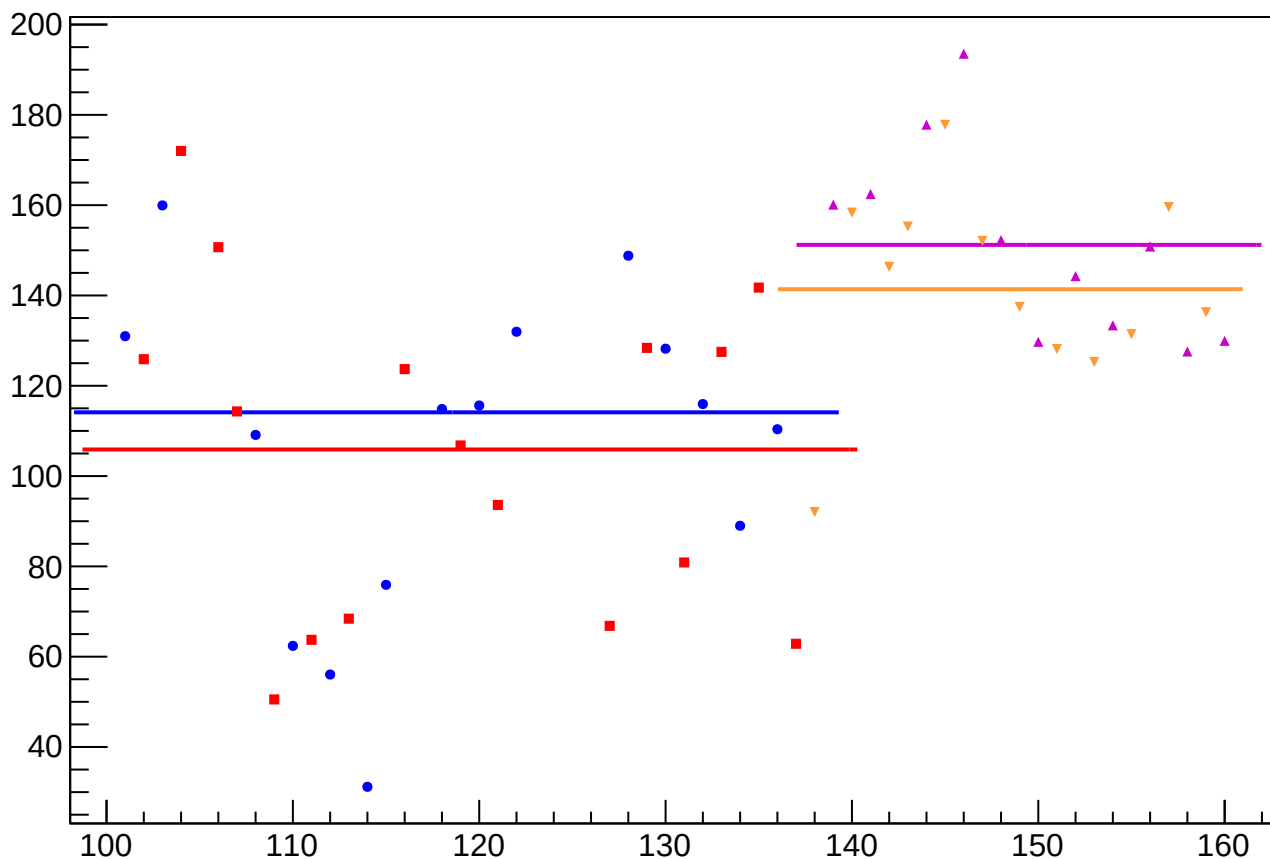
+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704
 All: 1155.145+/-0.000 χ^2/NDF : 20163313284
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5213.053+/-0.000	χ^2/NDF : 607024723474712138909900039656470216704.0/11
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5690.941+/-0.000	χ^2/NDF : 355774620722948866968040460749891436544.0/10
	All: -3648.196+/-0.000 χ^2/NDF : 1753294640
	+ sign -3591.320+/-0.000 χ^2/NDF : 7626032277897
	- sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118 $\pm$ 0.000 χ^2 /NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.380 $\pm$ 0.000 χ^2 /NDF: 416963026310292285514058989674954752.0/11

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

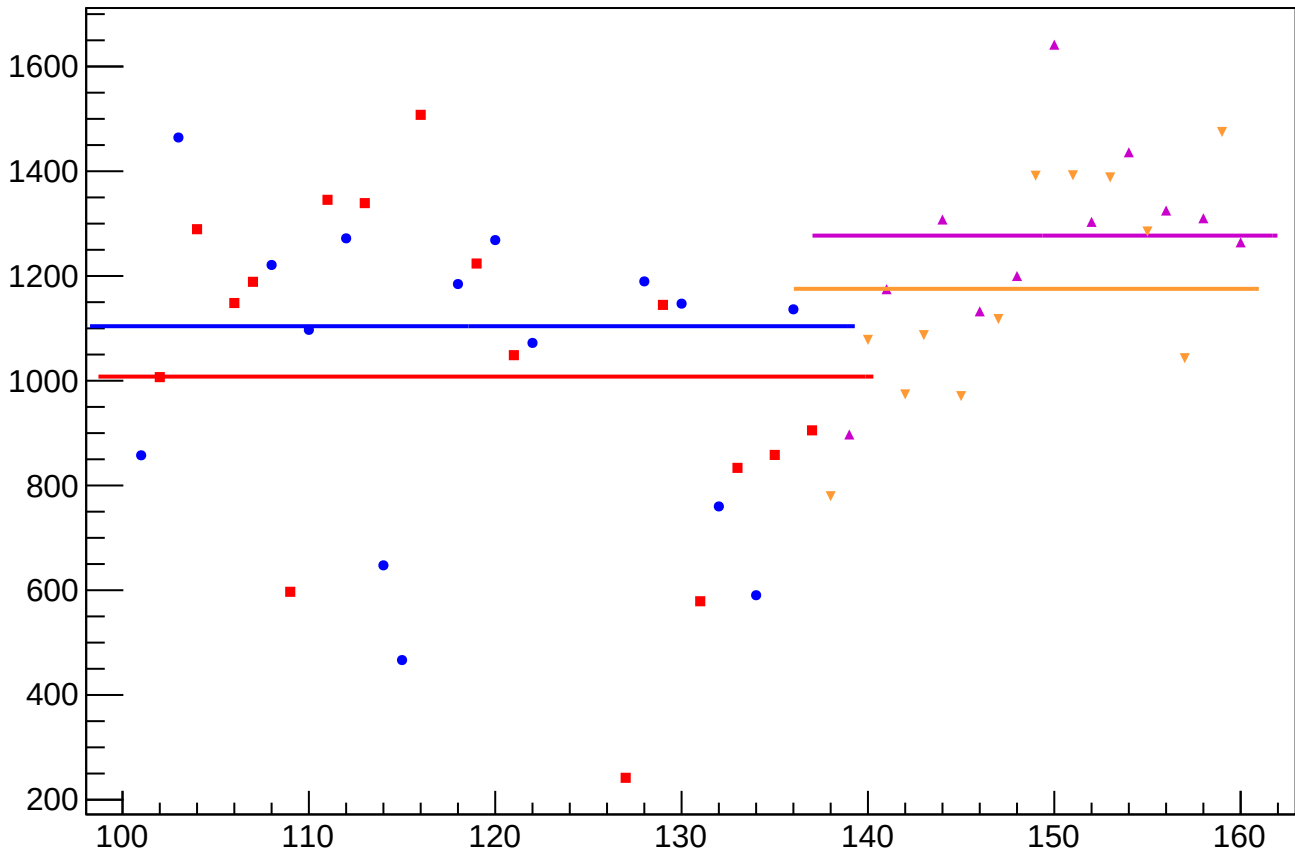
Left In: 151.203 $\pm$ 0.000 χ^2 /NDF: 382227652604999337577431549784096768.0/10

+ sign 130.082 $\pm$ 0.000 χ^2 /NDF: 130663489676661

All: 131.152 $\pm$ 0.000 χ^2 /NDF: 333967931914

- sign 132.206 $\pm$ 0.000 χ^2 /NDF: 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

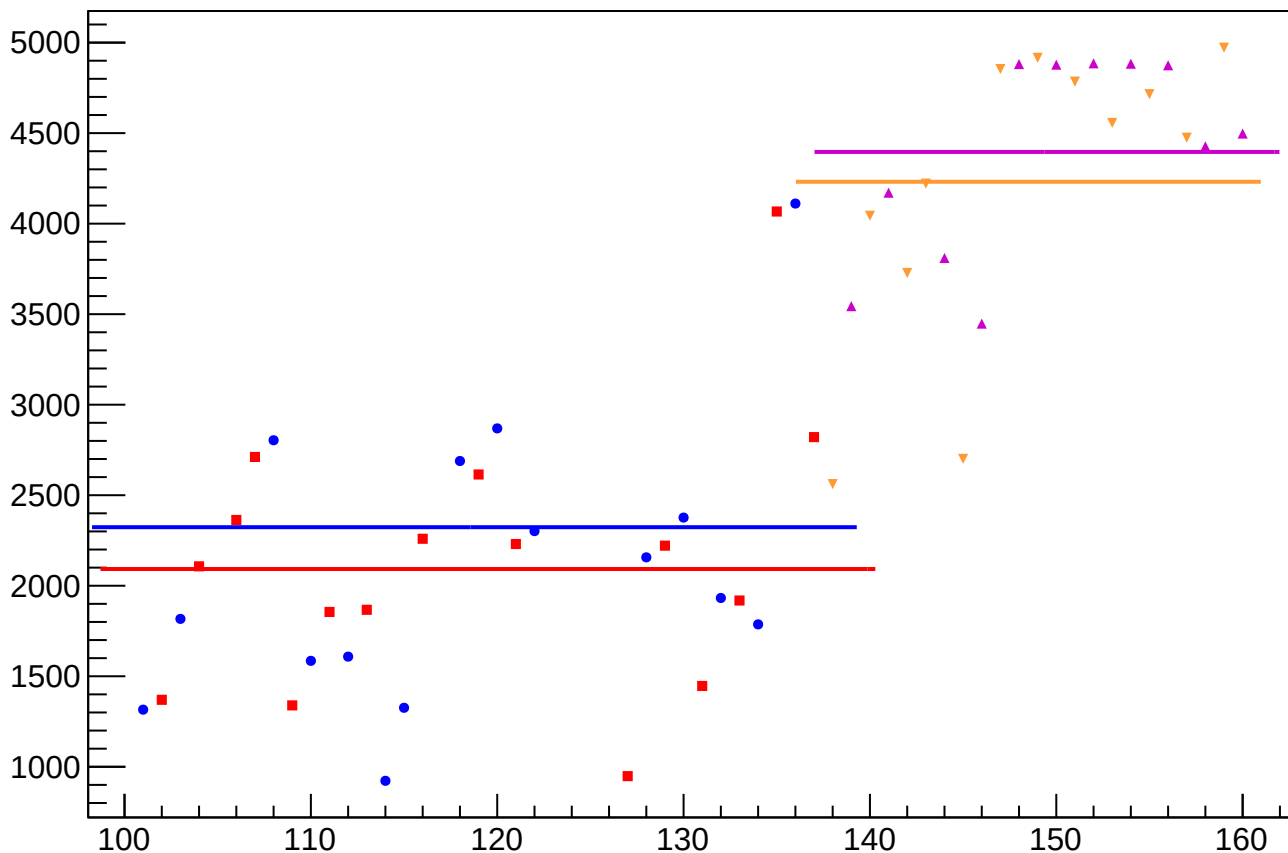
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF : 74640424030704

All: 1155.145+/-0.000 χ^2/NDF : 20163313284

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF : 476371189888349375964725620757728591872.0/14

Left Out: 4231.380+/-0.000 χ^2/NDF : 591264758783455505140129278309664030720.0/11

Right Out: 2092.458+/-0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15

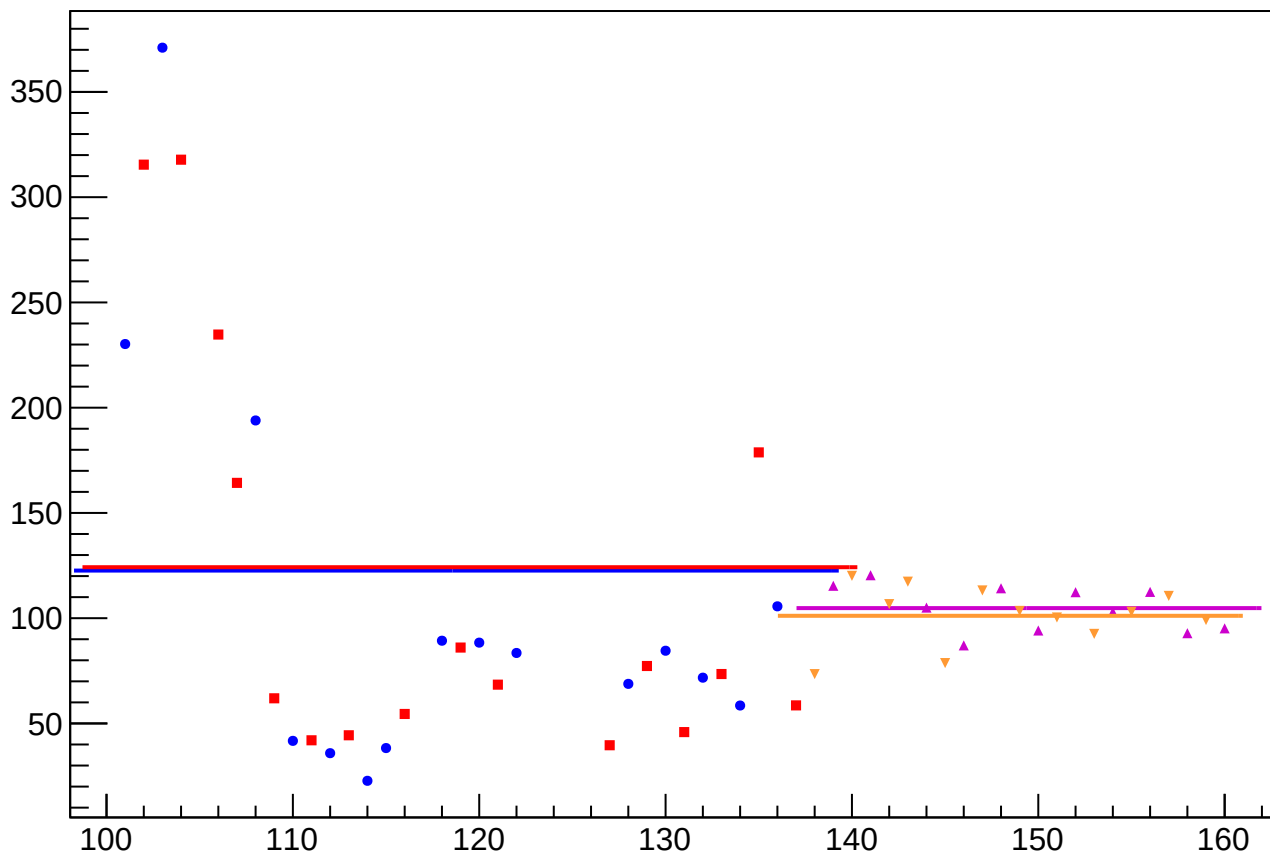
Left In: 4396.069+/-0.000 χ^2/NDF : 270326441631367265143713722564756897792.0/10

+ sign 3440.641+/-0.000 χ^2/NDF : 24511476216121

All: 3435.439+/-0.000 χ^2/NDF : 51443191328

- sign 3430.319+/-0.000 χ^2/NDF : 26930874223674

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14

Left Out: 101.138+/-0.000 χ^2/NDF : 175111456477451966804115550397005824.0/11

Right Out: 124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15

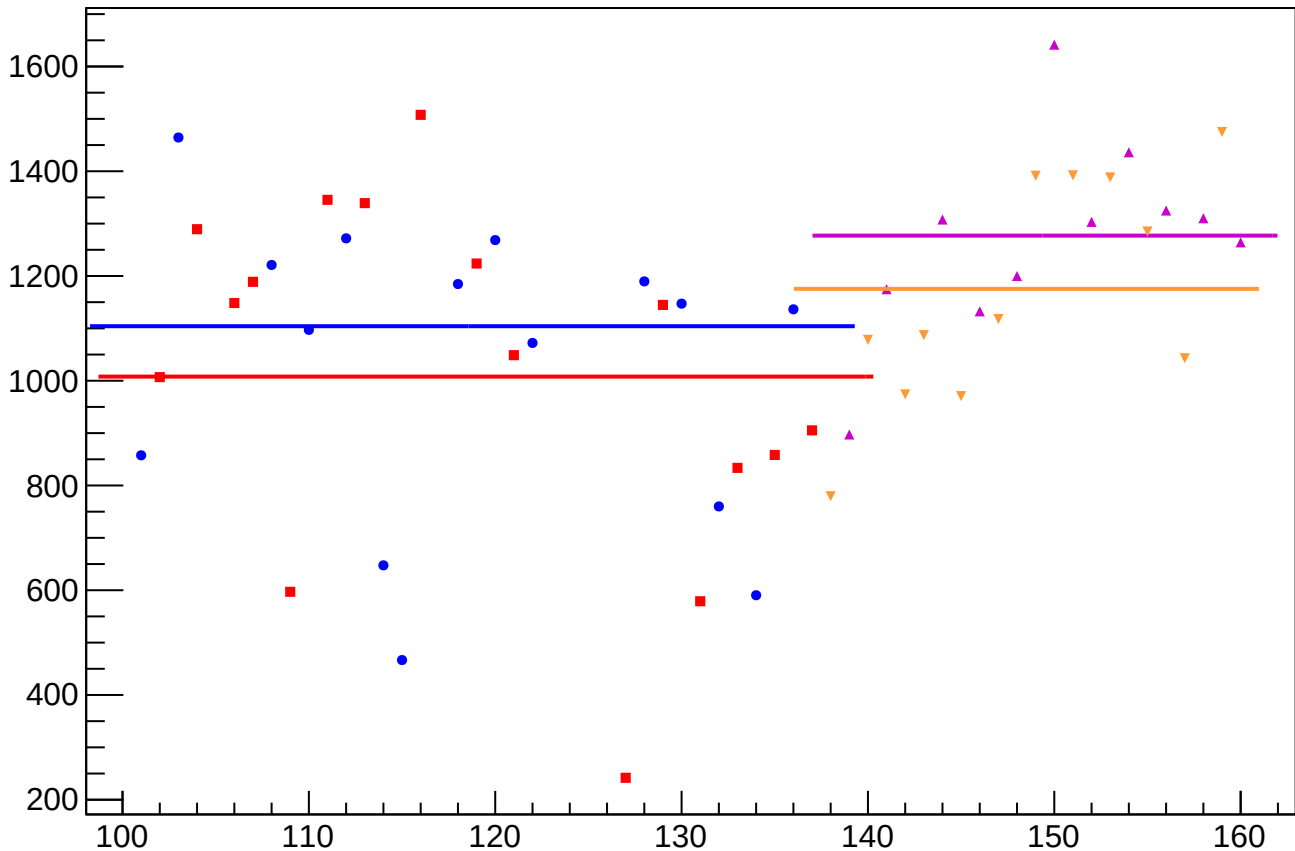
Left In: 104.786+/-0.000 χ^2/NDF : 102013785381333837493435451846950912.0/10

+ sign 110.042+/-0.000 χ^2/NDF : 628802435091121

All: 111.498+/-0.000 χ^2/NDF : 130925010089

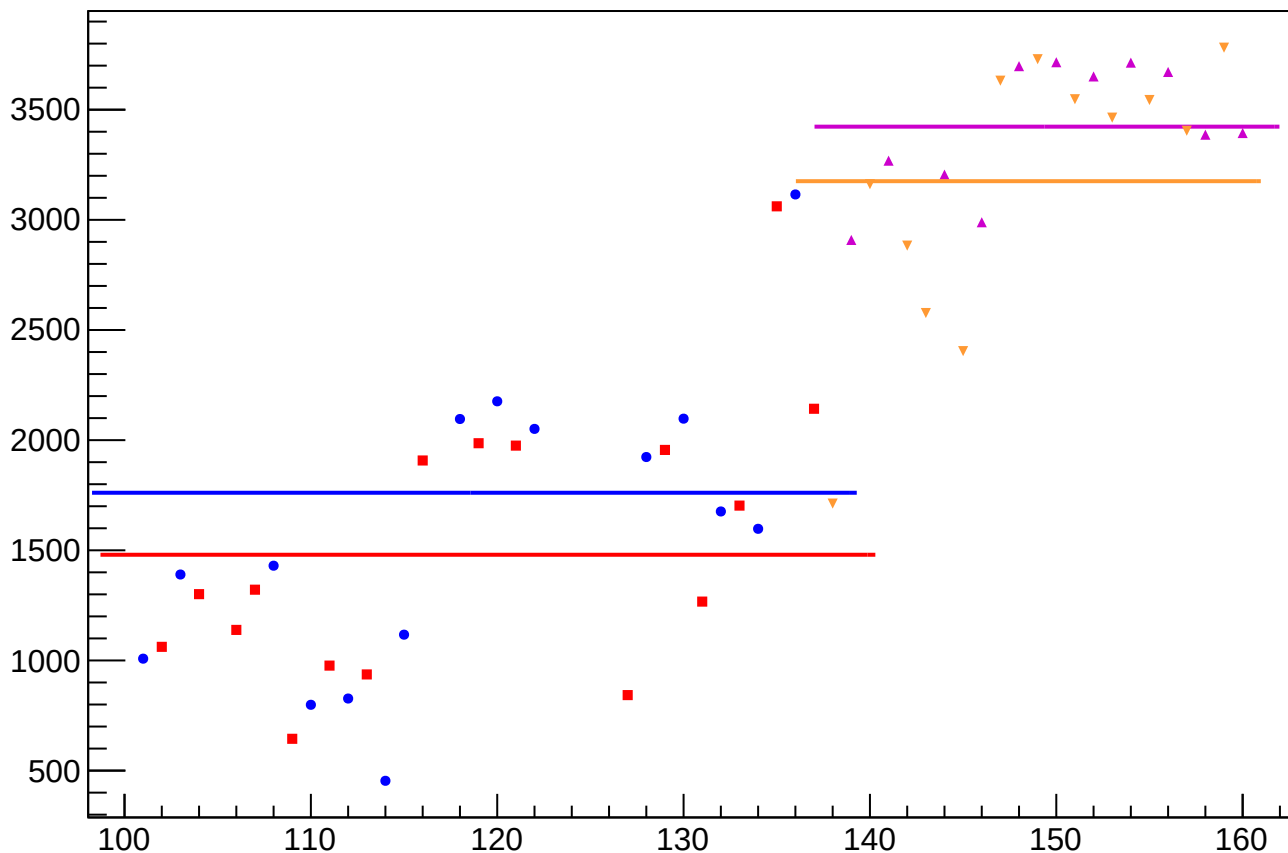
- sign 112.932+/-0.000 χ^2/NDF : 679788337218710

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478 ± 0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11
 Right Out: 1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1277.097 ± 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 3175.502+/-0.000 χ^2/NDF : 347291191980203589558827802227239813120.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

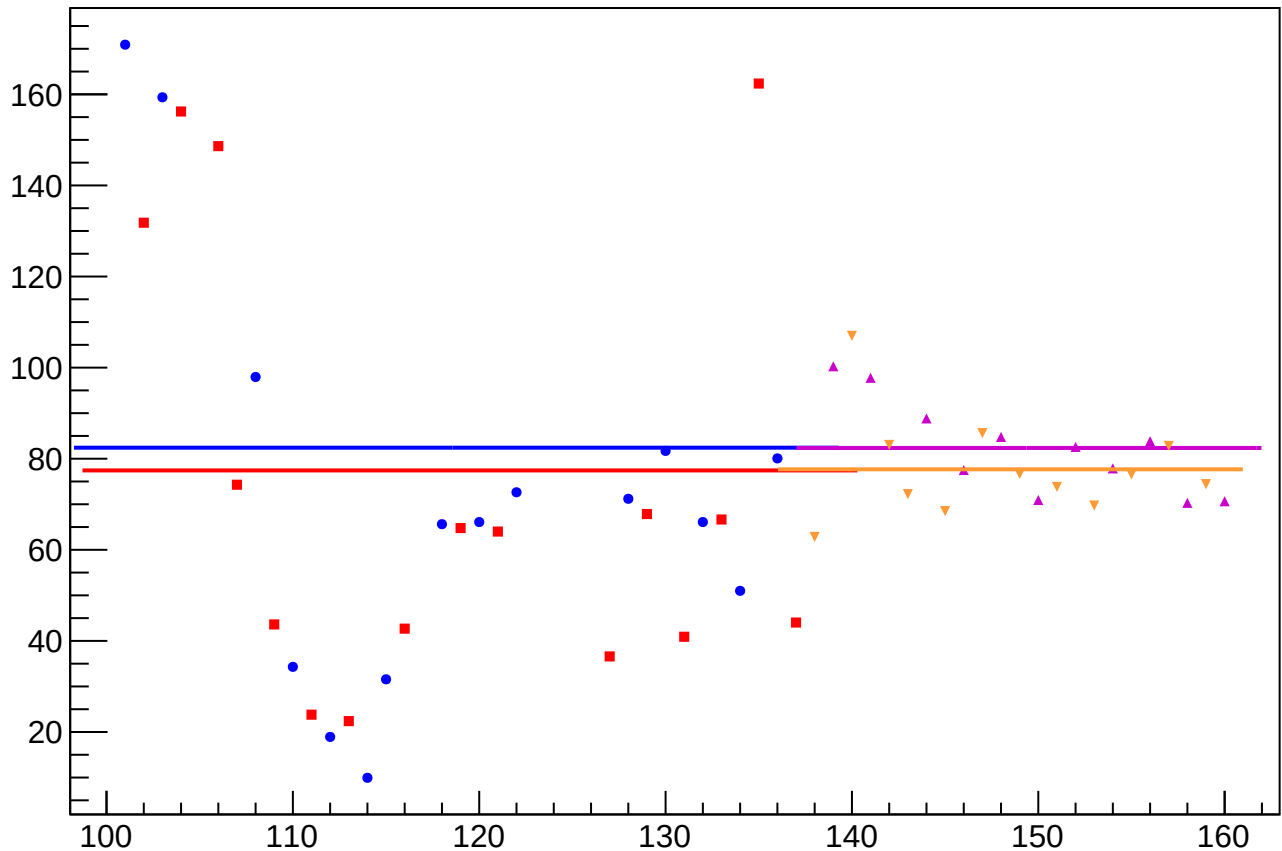
Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

+ sign 2589.389+/-0.000 χ^2/NDF : 14396126563155

All: 2598.948+/-0.000 χ^2/NDF : 32406517167

- sign 2608.357+/-0.000 χ^2/NDF : 18007551336700

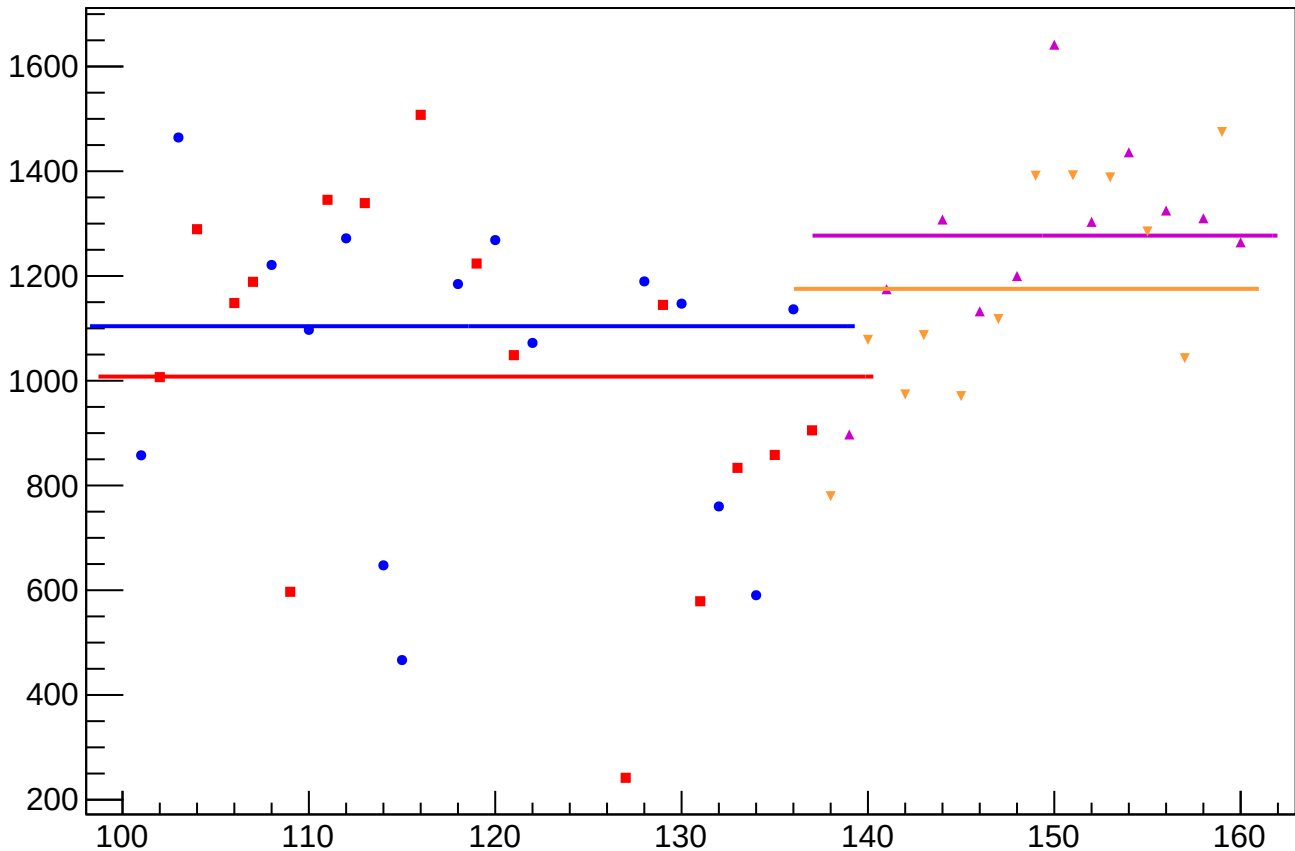
dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14
 Left Out: 77.672+/-0.000 χ^2/NDF : 112359425970115396973191851205984256.0/11
 Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15
 Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

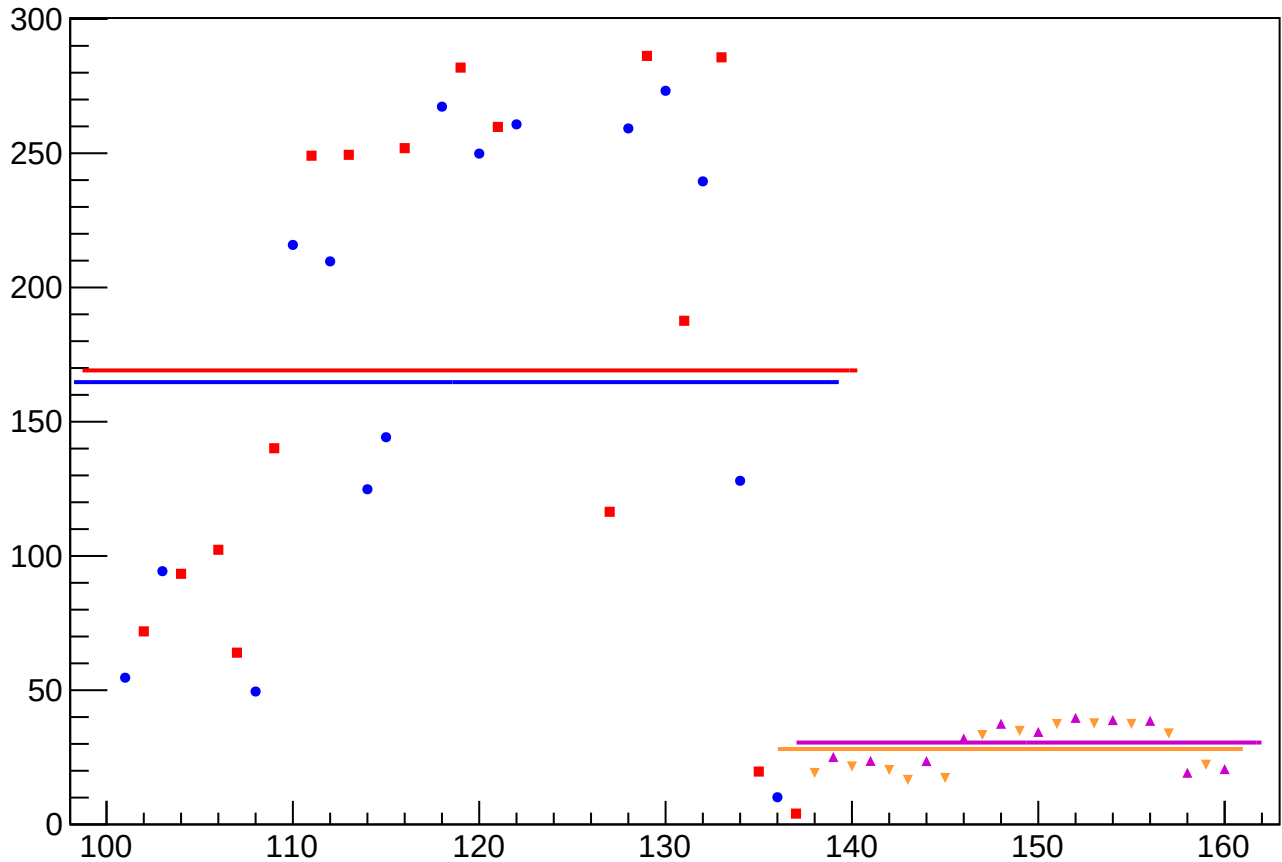
+ sign 79.641+/-0.000 χ^2/NDF : 1384567048715076
 All: 79.970+/-0.000 χ^2/NDF : 2997940273894
 - sign 80.294+/-0.000 χ^2/NDF : 1613036492452020

dit_sam8_coil3_Ndata_mean vs Slug



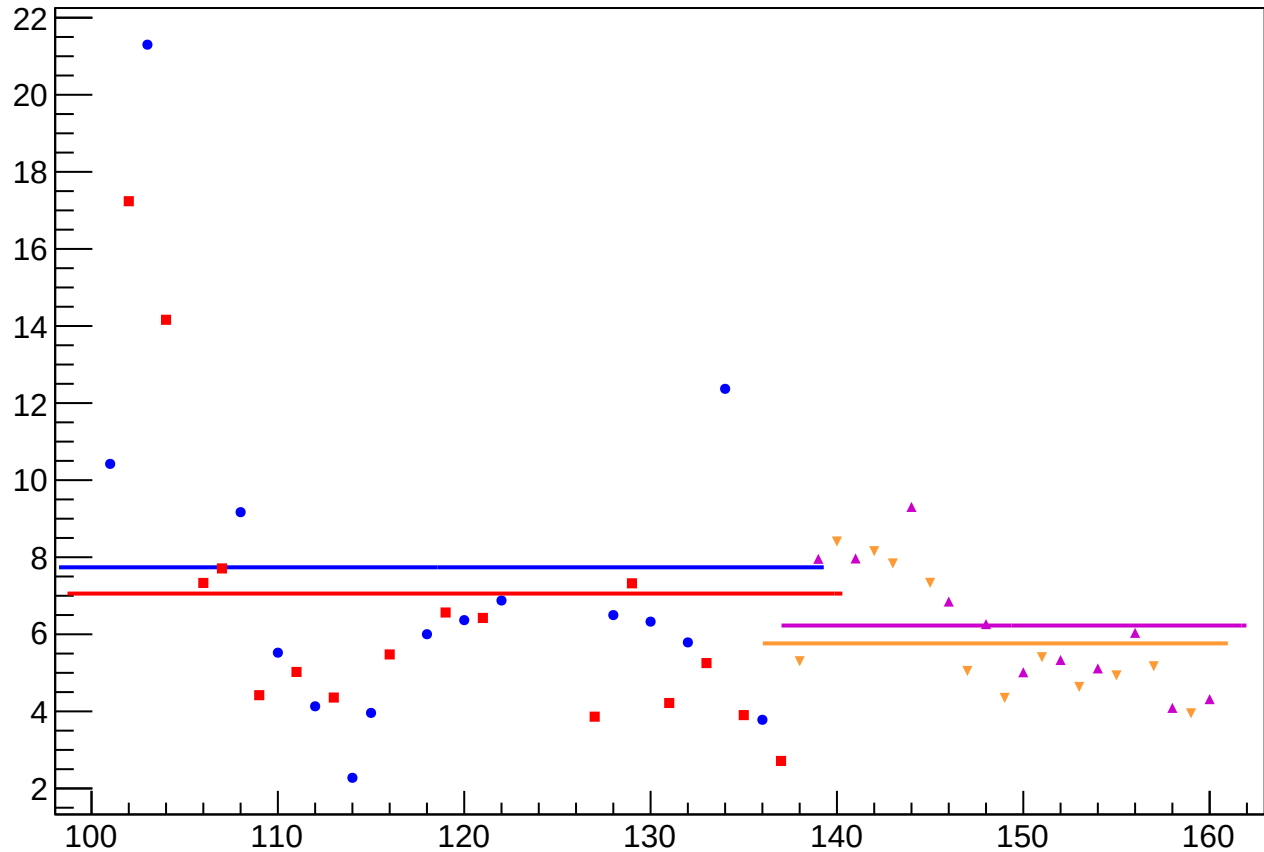
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14
 Left Out: 28.100+/-0.000 χ^2/NDF : 63517357309911090447070669792346112.0/11
 Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15
 Left In: 30.507+/-0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14

Left Out: 5.764 $\pm$ 0.000 χ^2 /NDF: 2014473932574383690261327211659264.0/11

Right Out: 7.057 $\pm$ 0.000 χ^2 /NDF: 11292441204139394792341242753581056.0/15

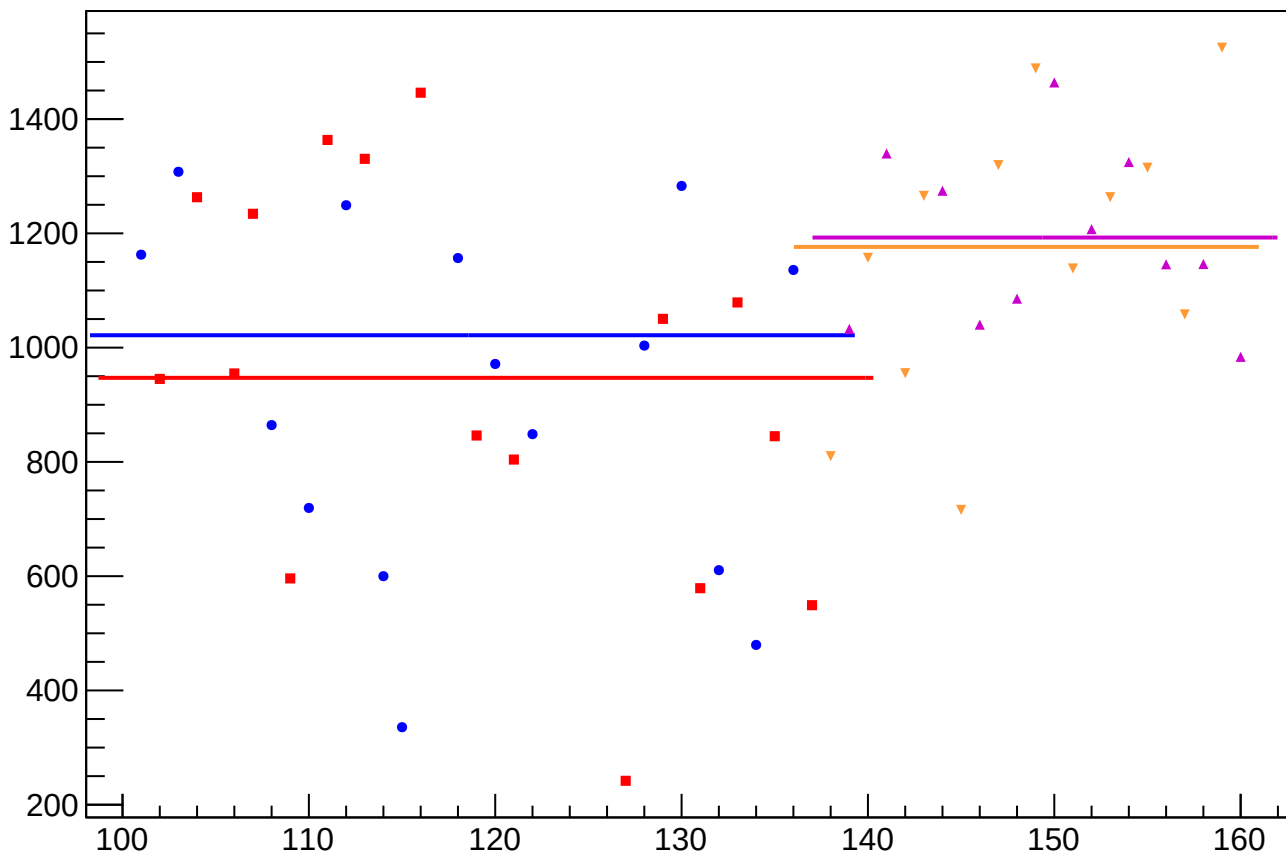
Left In: 6.228 $\pm$ 0.000 χ^2 /NDF: 2331911751655733809355489024147456.0/10

+ sign 6.582 $\pm$ 0.000 χ^2 /NDF: 18622625397186852

All: 6.579 $\pm$ 0.000 χ^2 /NDF: 32513446836345

- sign 6.575 $\pm$ 0.000 χ^2 /NDF: 13890781213861884

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

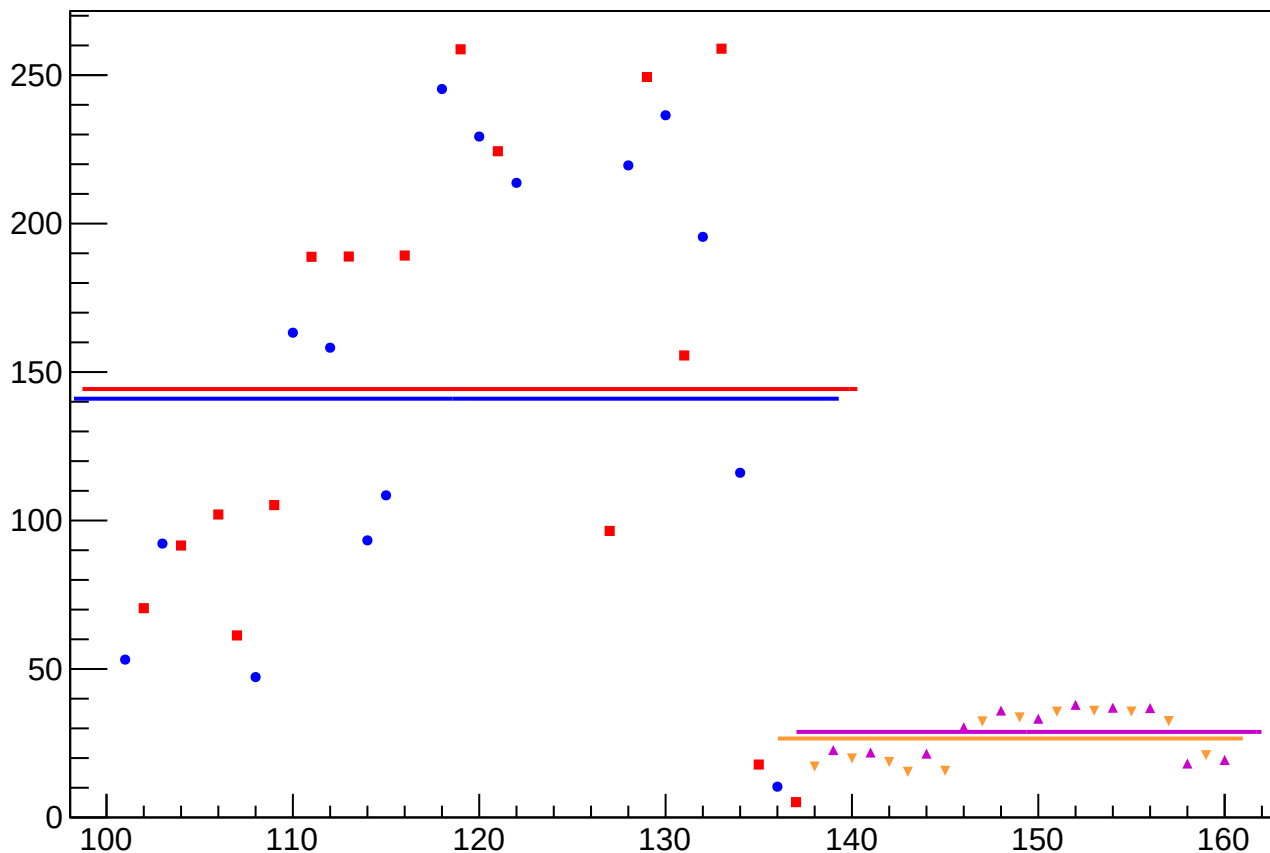
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

+ sign 74.013+/-0.000 χ^2/NDF : 9549859310470877

Left Out: 26.582+/-0.000 χ^2/NDF : 63880546932393658050614652141830144.0/11

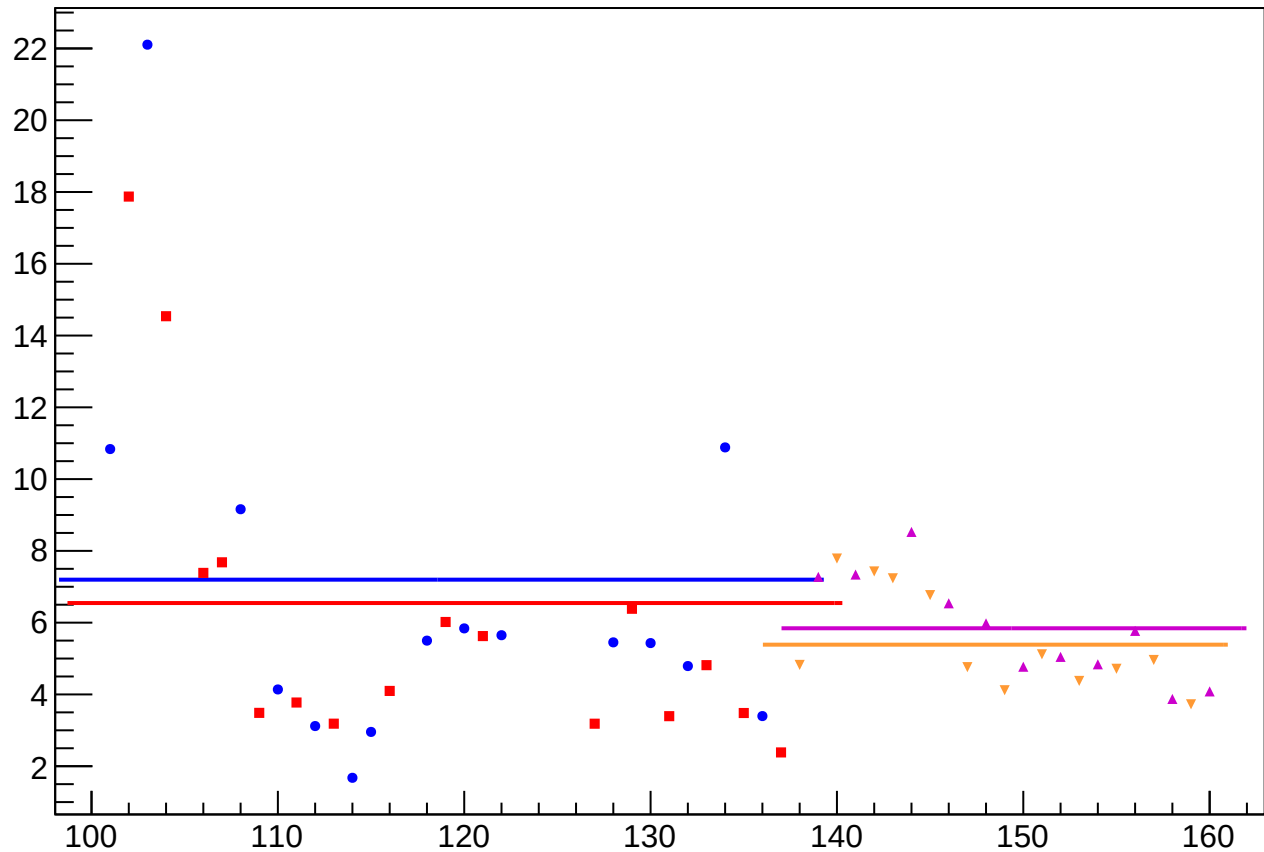
All: 75.631+/-0.000 χ^2/NDF : 1904327225315

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

- sign 77.224+/-0.000 χ^2/NDF : 9485278065945565

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198 ± 0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.387 ± 0.000 χ^2/NDF : 1602138249882478814835943843823616.0/11

Right Out: 6.547 ± 0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

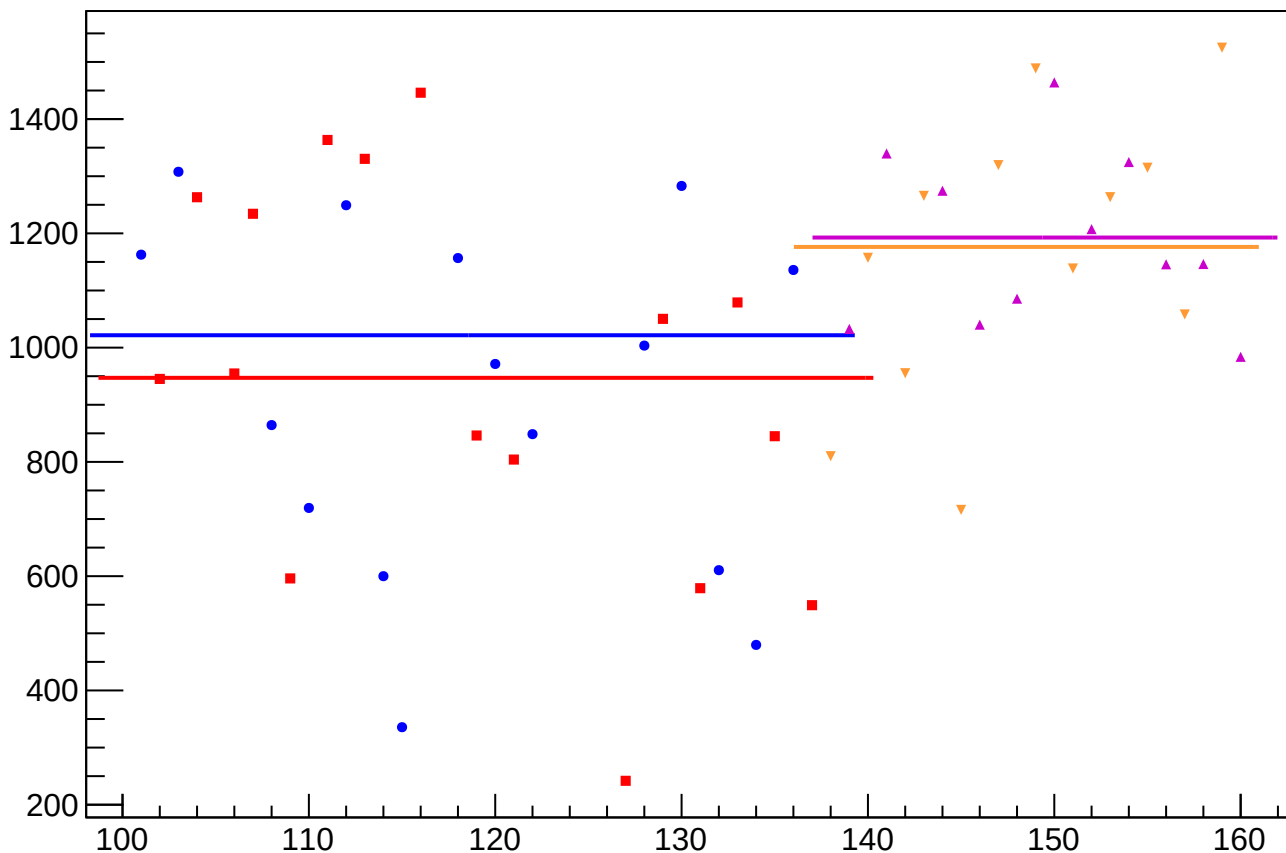
Left In: 5.843 ± 0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

+ sign 6.137 ± 0.000 χ^2/NDF : 21061601149894292

All: 6.138 ± 0.000 χ^2/NDF : 37164899106556

- sign 6.138 ± 0.000 χ^2/NDF : 16103297183746368

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

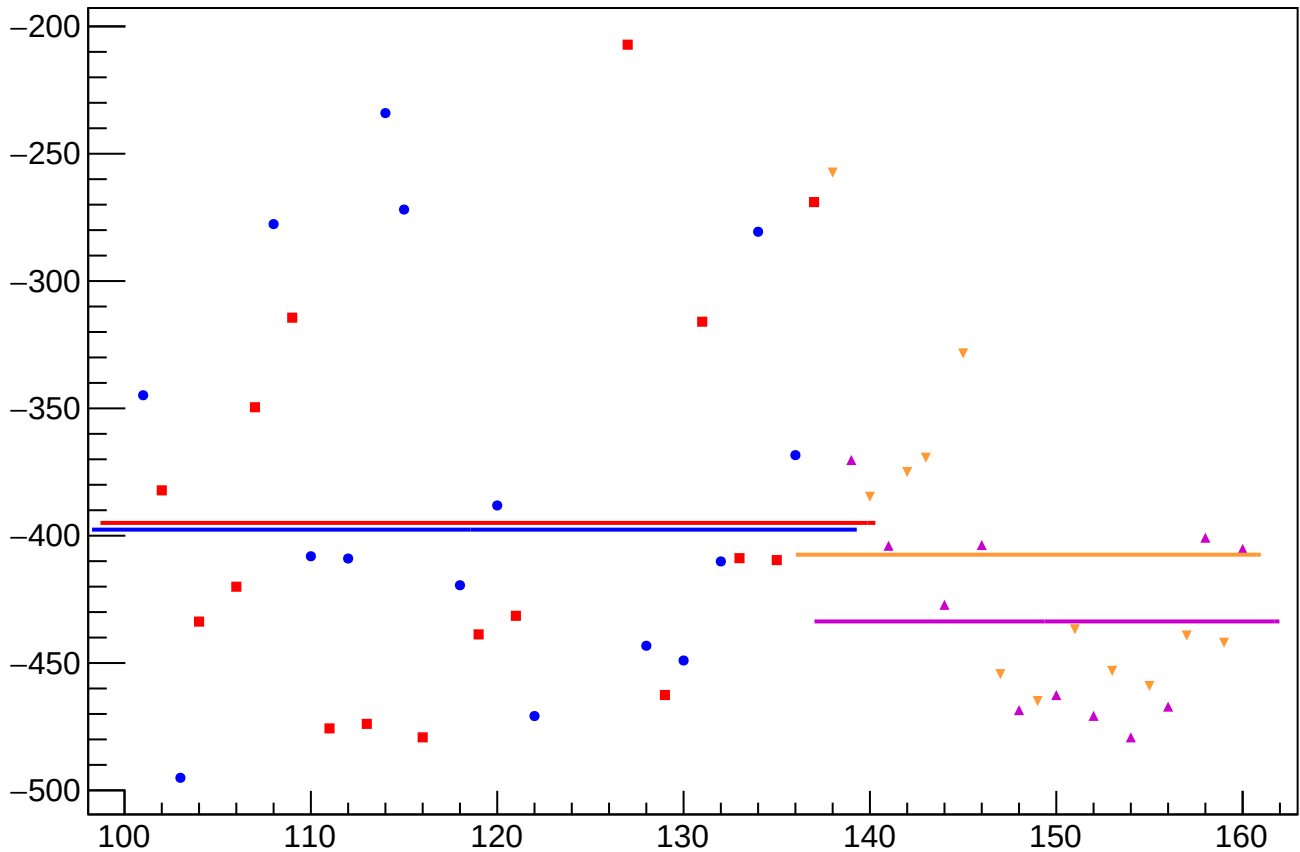
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -407.457+/-0.000 χ^2/NDF : 3530254490804072685015705910637494272.0/11

Right Out: -394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

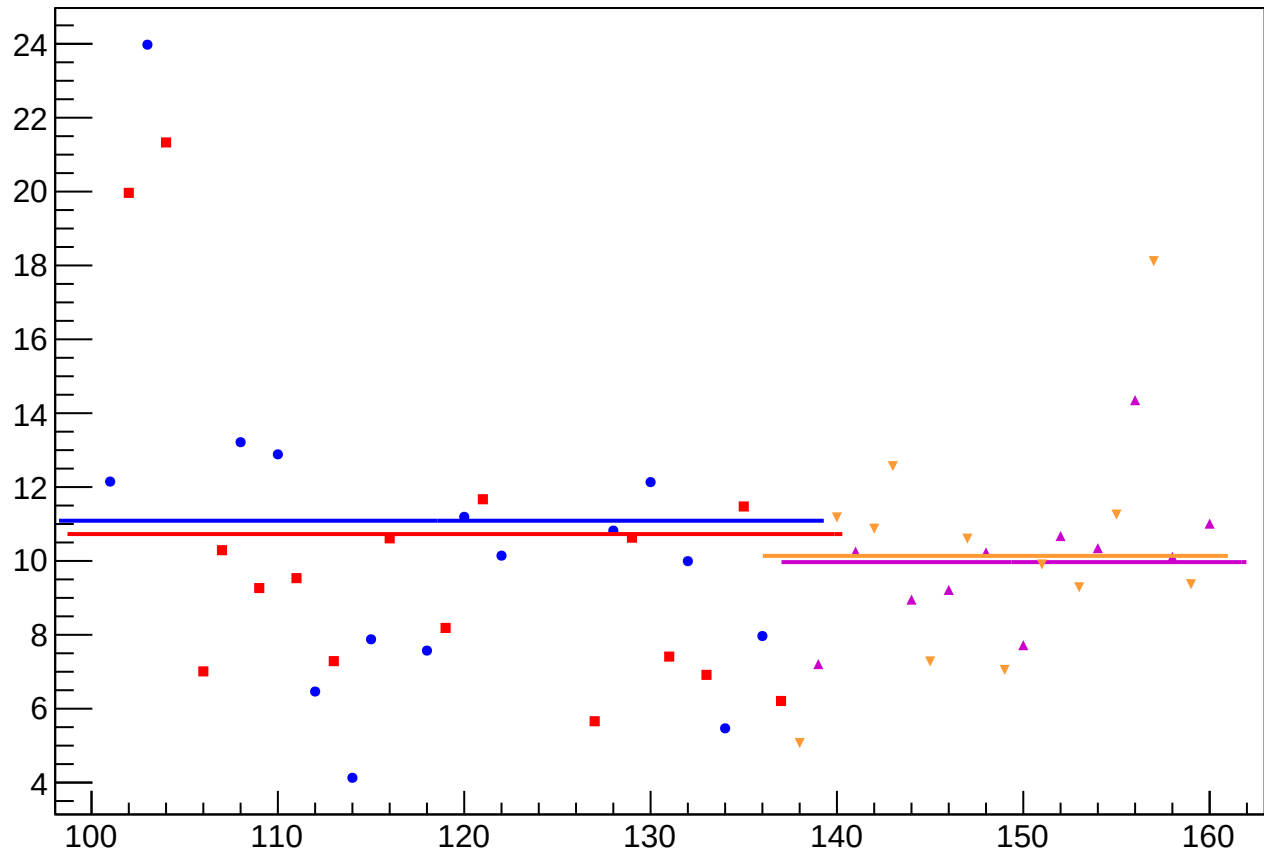
Left In: -433.664+/-0.000 χ^2/NDF : 1198237421385461104687495484599697408.0/10

+ sign -403.377+/-0.000 χ^2/NDF : 62283585707933

All: -410.466+/-0.000 χ^2/NDF : 11848262293

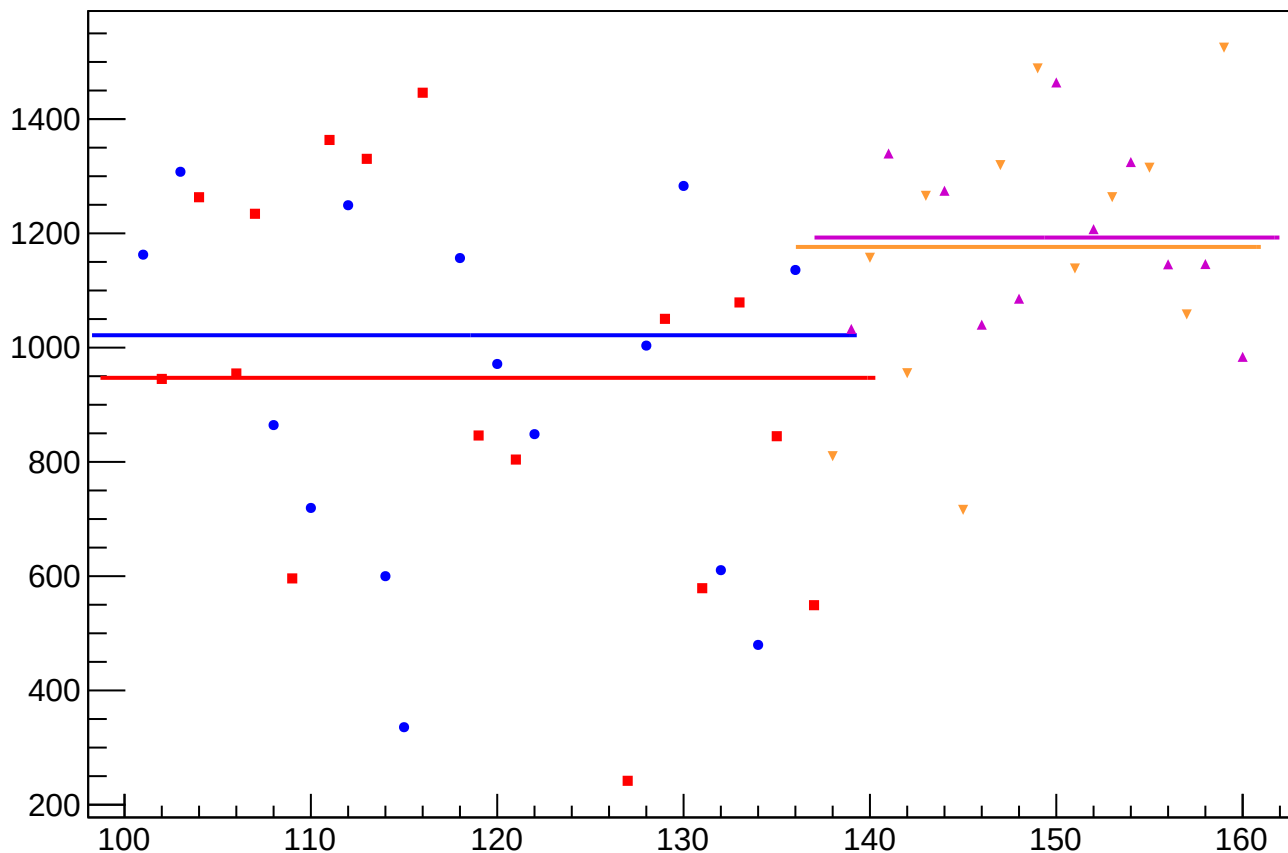
- sign -417.444+/-0.000 χ^2/NDF : 54637466246081

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14
 Left Out: 10.137 $\pm$ 0.000 χ^2 /NDF: 9233961900502442042562315288576000.0/11
 Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15
 Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

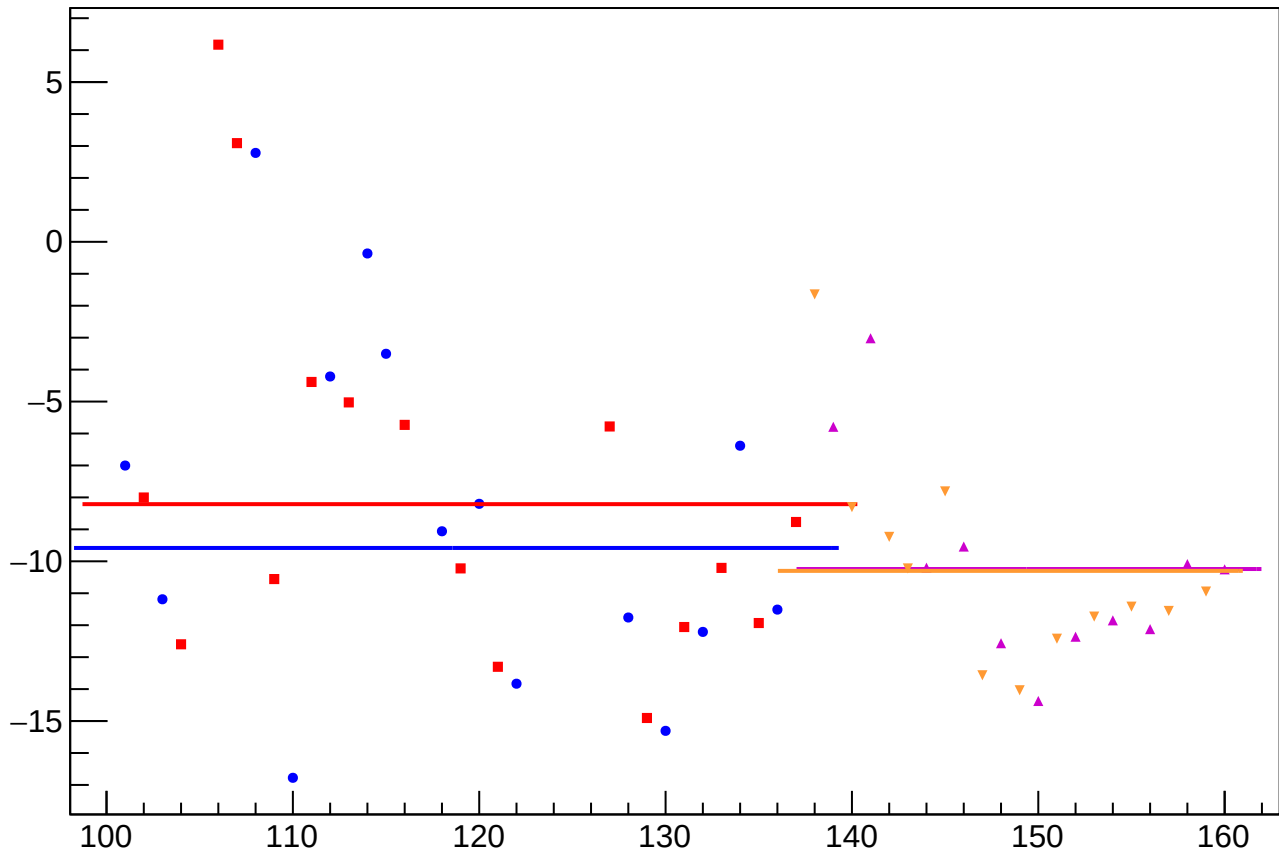
Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422
 All: 1100.879+/-0.000 χ^2/NDF : 2137192276
 - sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4aY_coil7_mean vs Slug



Right In: -9.582 ± 0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14

Left Out: -10.300 ± 0.000 χ^2/NDF : 9506877601099056155644993577418752.0/11

Right Out: -8.211 ± 0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15

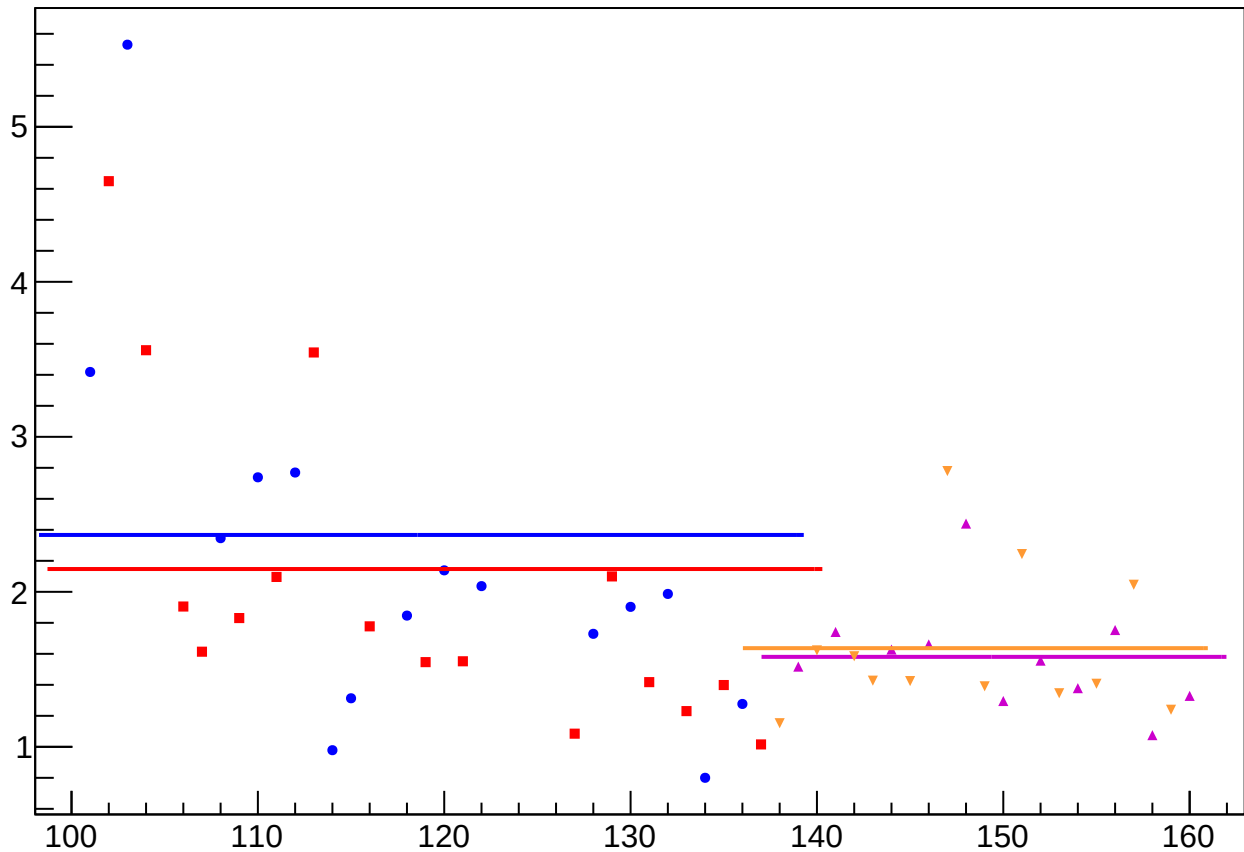
Left In: -10.241 ± 0.000 χ^2/NDF : 899282908840843048348597772818432.0/10

+ sign -10.002 ± 0.000 χ^2/NDF : 244052394679521

All: -9.694 ± 0.000 χ^2/NDF : 5359465497028

- sign -9.390 ± 0.000 χ^2/NDF : 28893819596025267

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.637 $\pm$ 0.000 χ^2 /NDF: 197584846951597051944769289191424.0/11

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

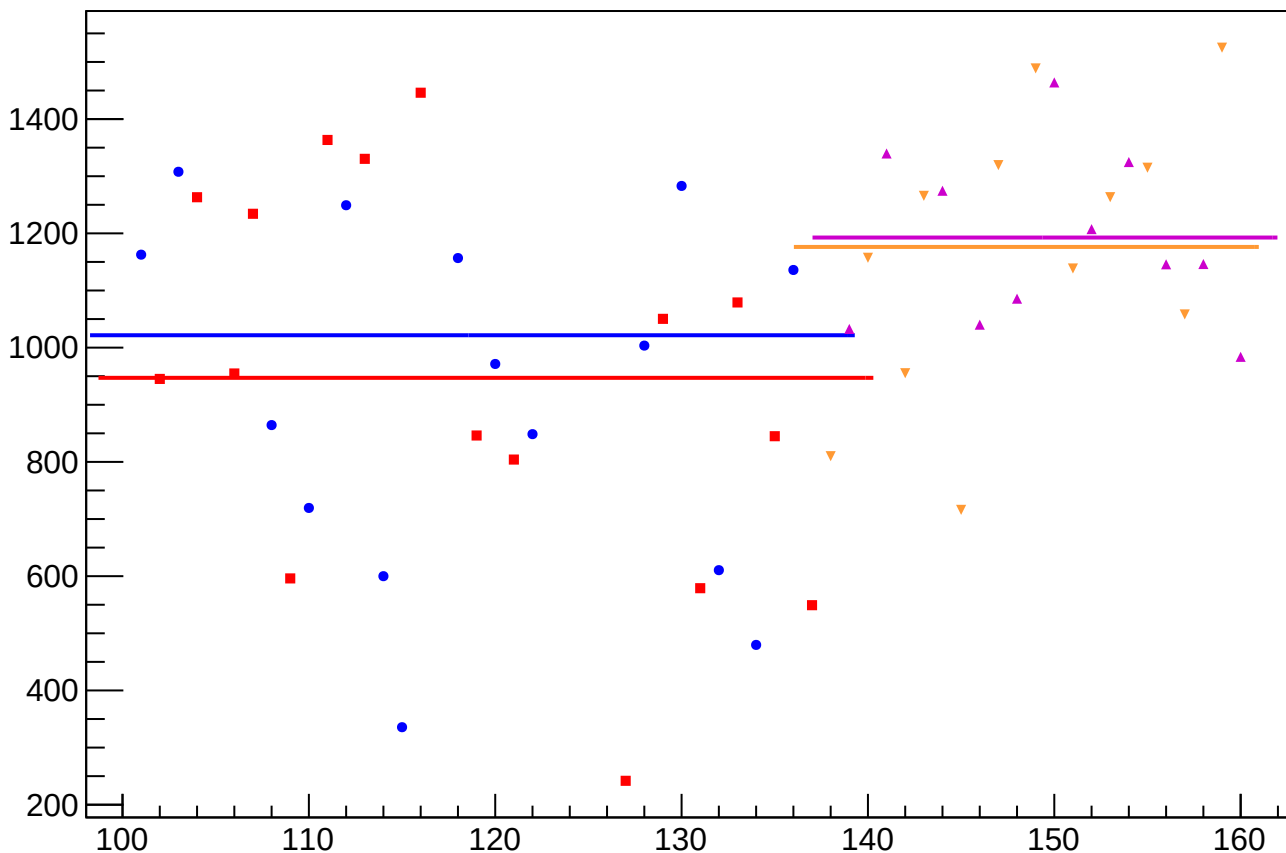
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ sign 1.939 $\pm$ 0.000 χ^2 /NDF: 13209687633511576

All: 1.878 $\pm$ 0.000 χ^2 /NDF: 23253033241293

- sign 1.818 $\pm$ 0.000 χ^2 /NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

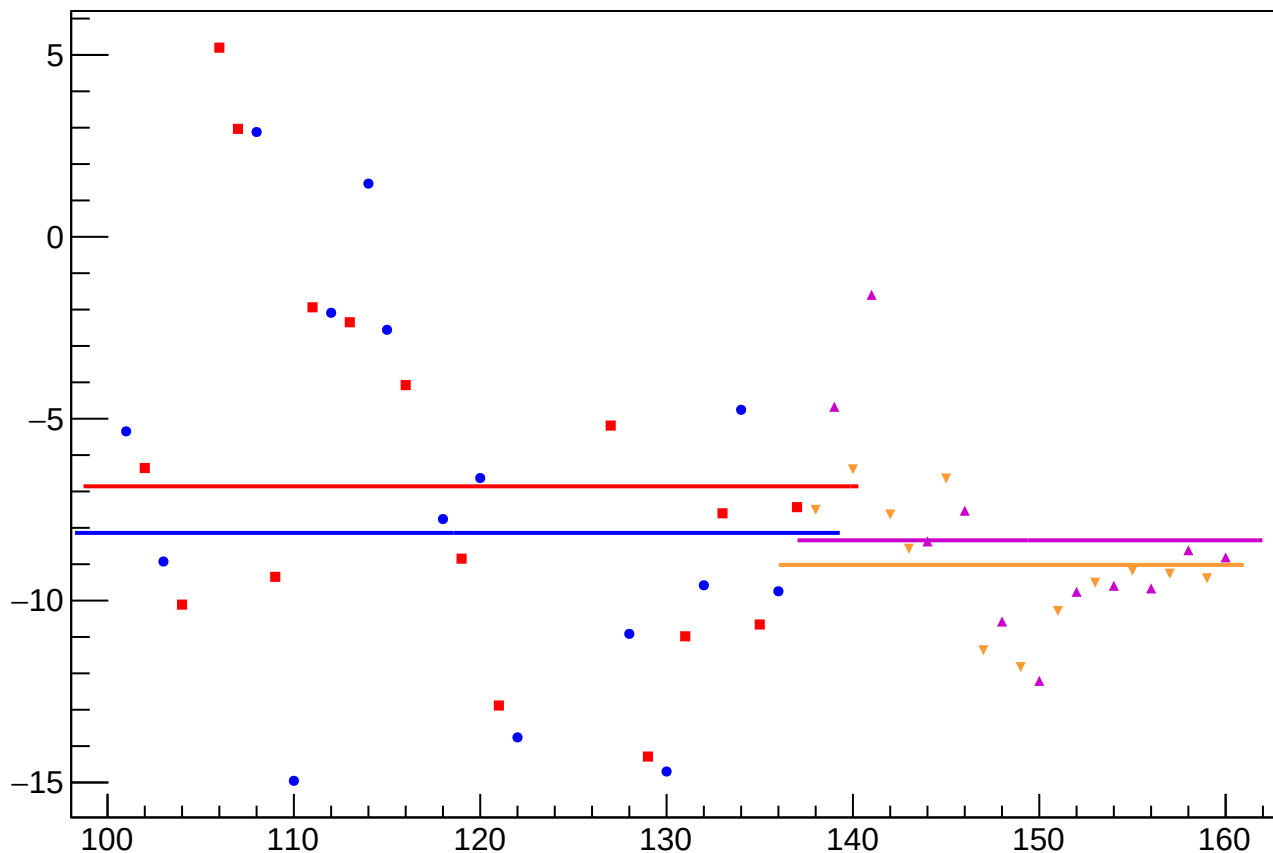
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

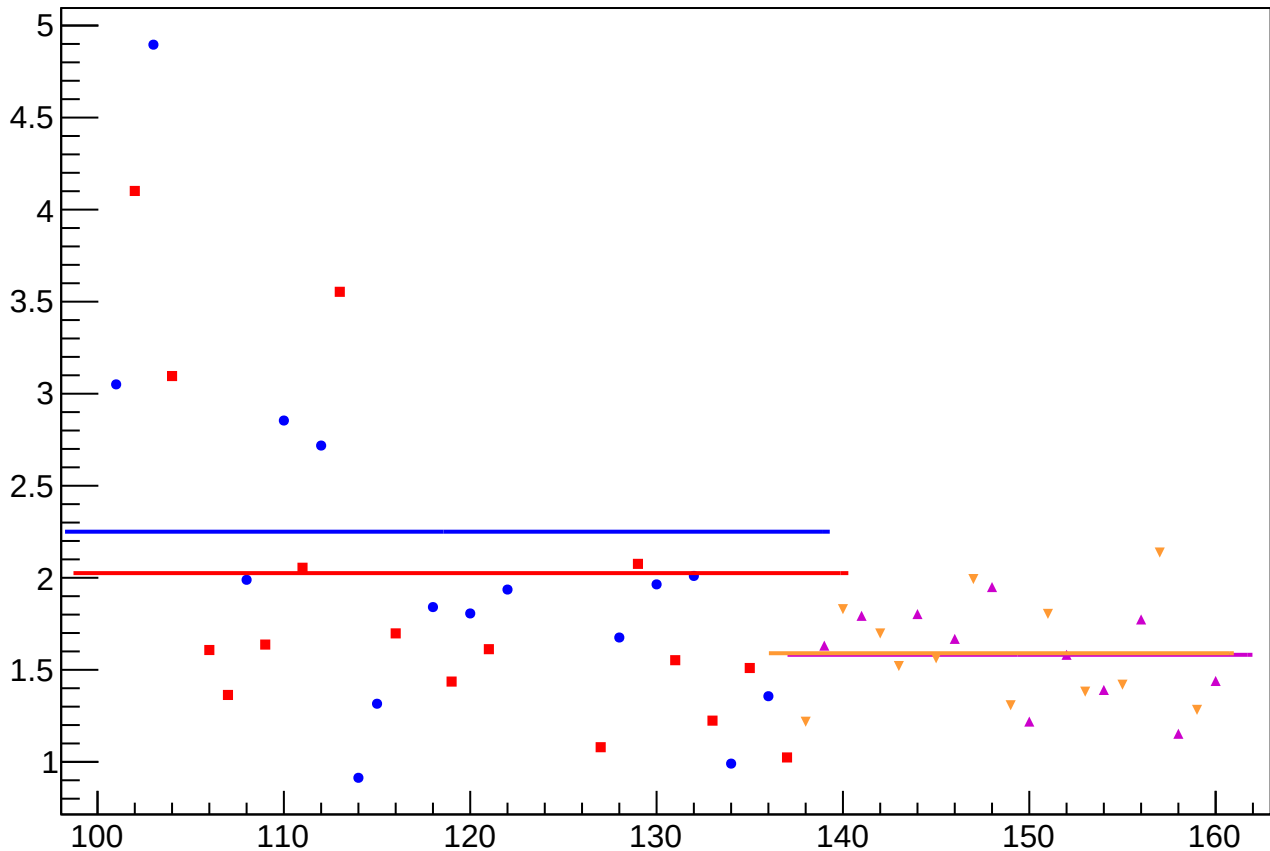
Left Out: -9.019 ± 0.000 χ^2/NDF : 2556393635520144823493802684579840.0/11

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

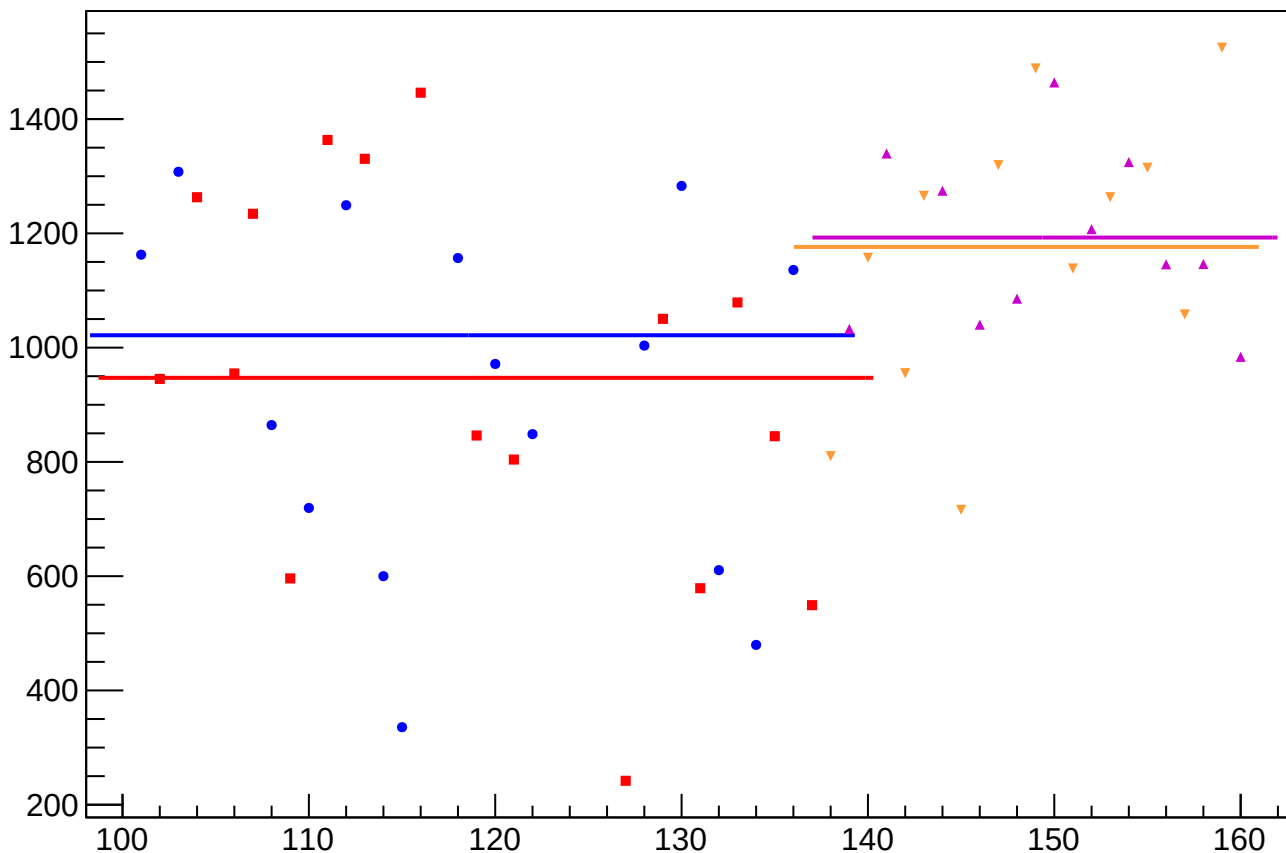
+ sign -8.654 ± 0.000 χ^2/NDF : 1752717108252513
 All: -8.184 ± 0.000 χ^2/NDF : 4282044438070
 - sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 $\pm$ 0.000 χ^2 /NDF: 656774588136274816295442701090816.0/14
 Left Out: 1.590 $\pm$ 0.000 χ^2 /NDF: 76554351114693669605218090745856.0/11
 Right Out: 2.025 $\pm$ 0.000 χ^2 /NDF: 578717441762956454616505599918080.0/15
 Left In: 1.582 $\pm$ 0.000 χ^2 /NDF: 54930988145763434904897999339520.0/10
 All: 1.815 $\pm$ 0.000 χ^2 /NDF: 16162226214289.0/15
 + sign 1.864 $\pm$ 0.000 χ^2 /NDF: 89900407422564290.0/15
 - sign 1.768 $\pm$ 0.000 χ^2 /NDF: 70992647799477177.0/15

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

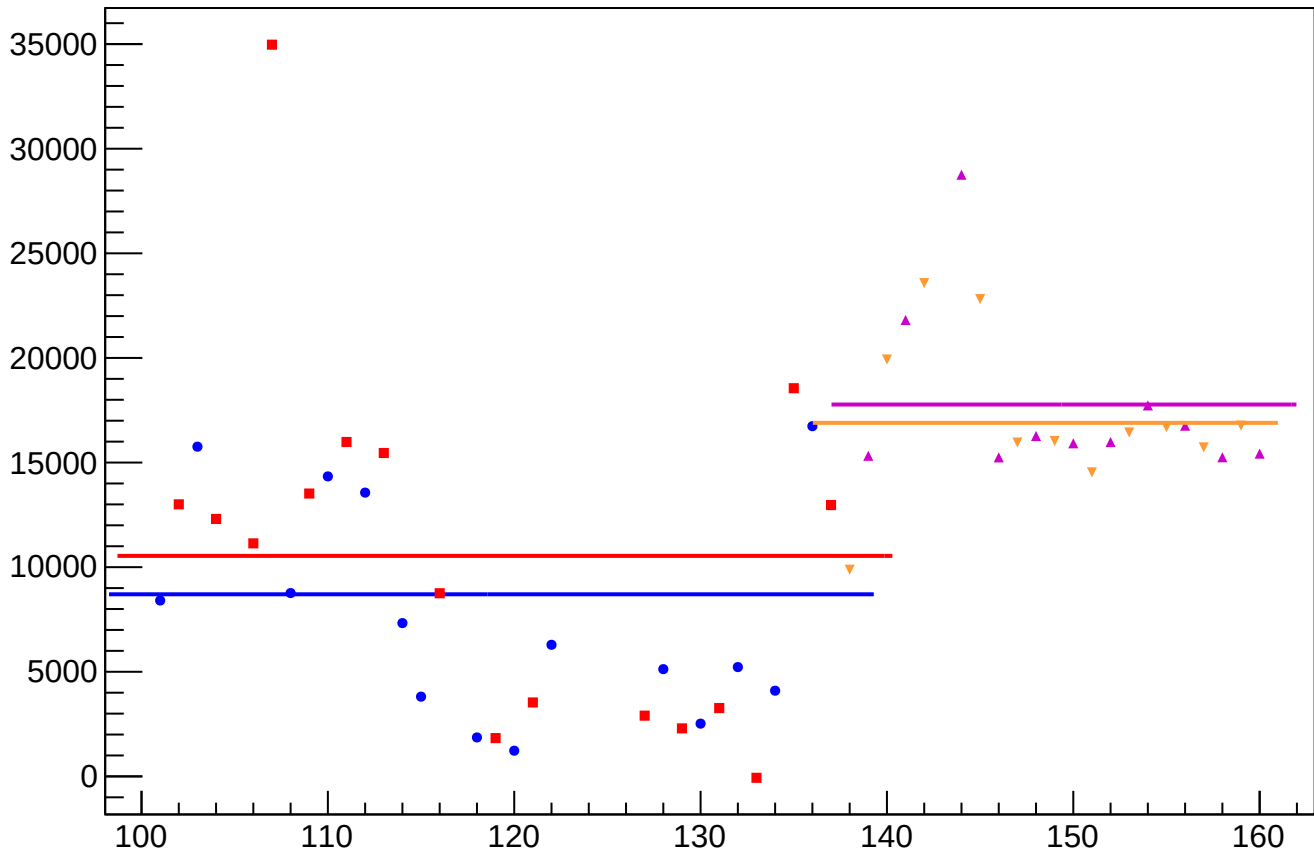
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

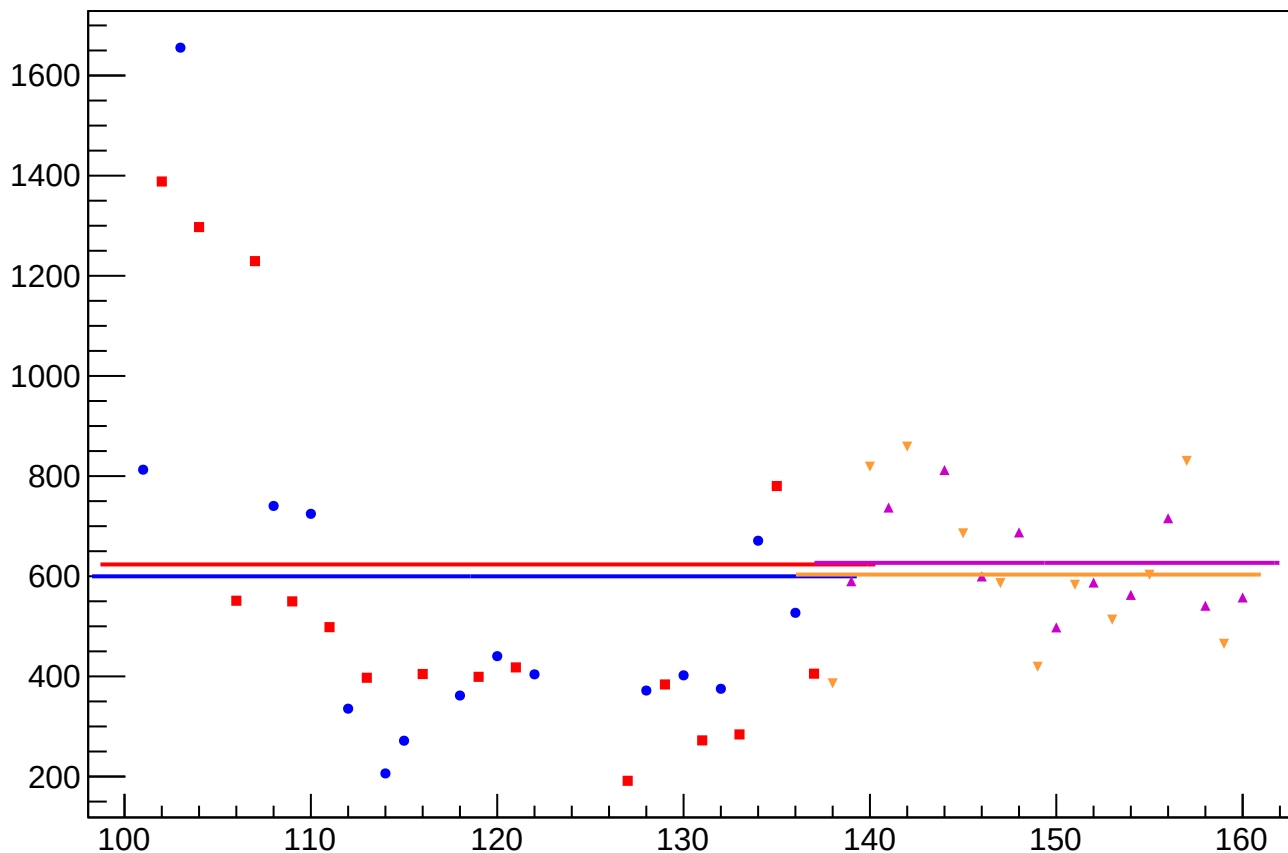
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 16897.725+/-0.000 χ^2/NDF : 10176252623828635713405692864230091390976.0/10
 Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 17773.103+/-0.000 χ^2/NDF : 14926066991142889452676587552618632445952.0/10

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

+ sign 601.816+/-0.000 χ^2/NDF : 109494471147636

Left Out: 603.317+/-0.000 χ^2/NDF : 20231084325408050976710009900855459840.0/10

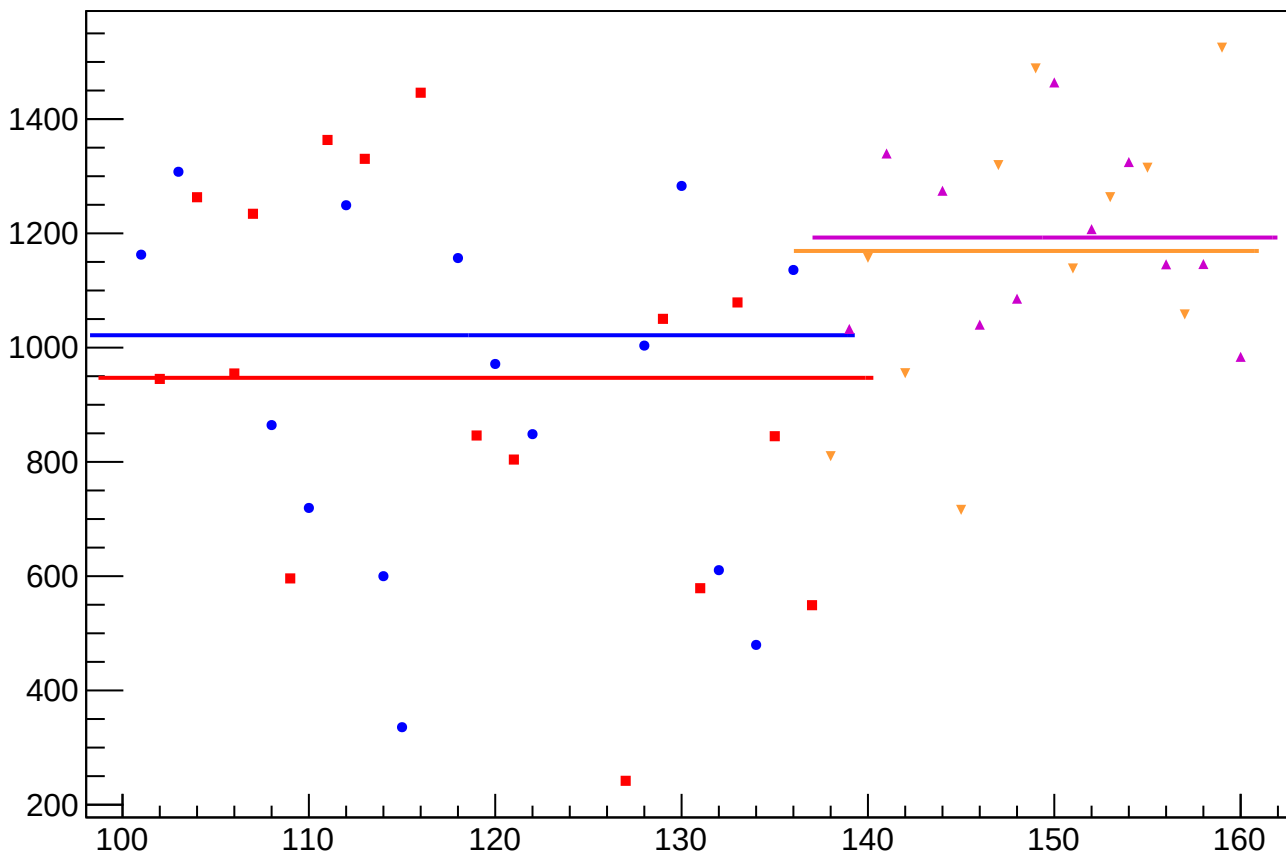
All: 613.978+/-0.000 χ^2/NDF : 219548951472

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1169.193+/-0.000 χ^2/NDF : 52777446675178529289654408188899885056.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

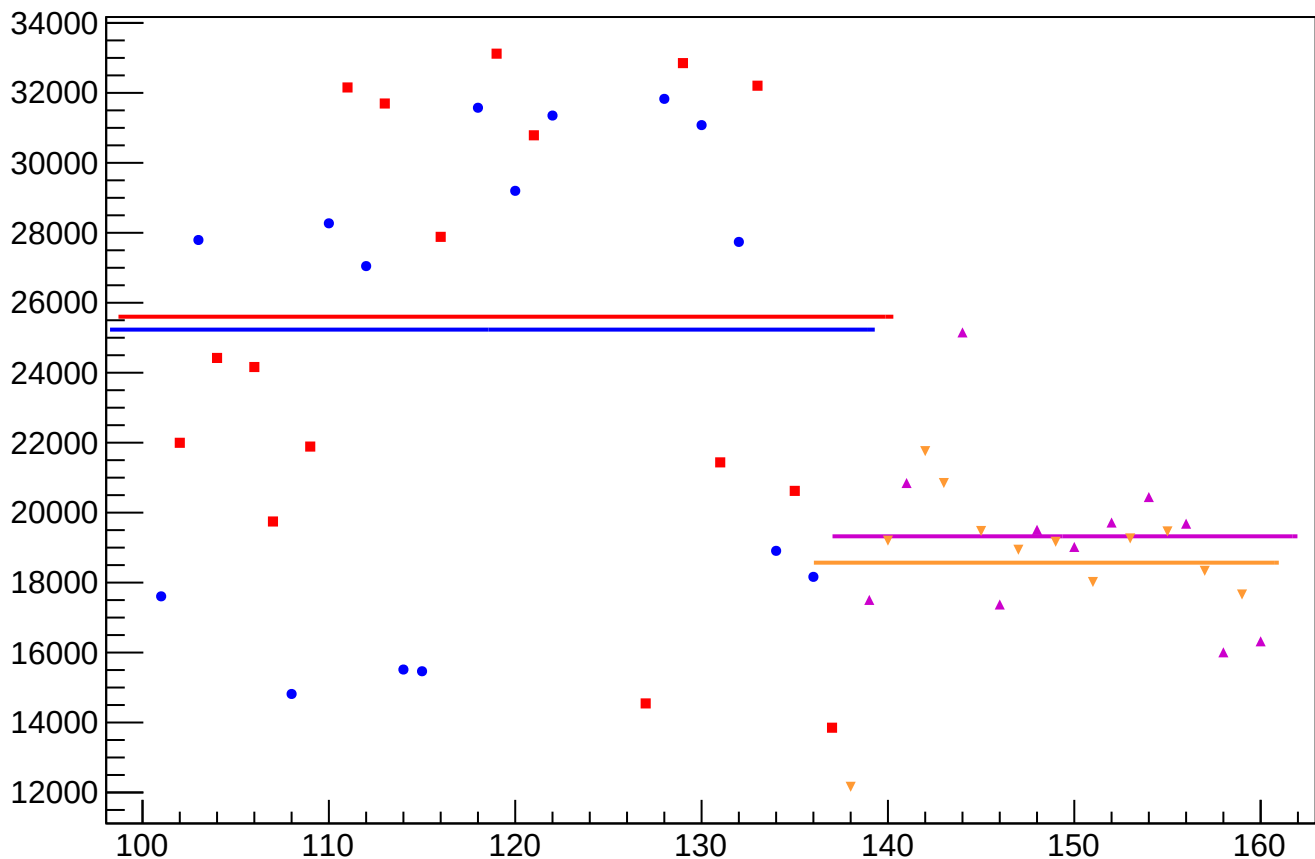
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1105.328+/-0.000 χ^2/NDF : 10127806605821

All: 1097.306+/-0.000 χ^2/NDF : 21186028983

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

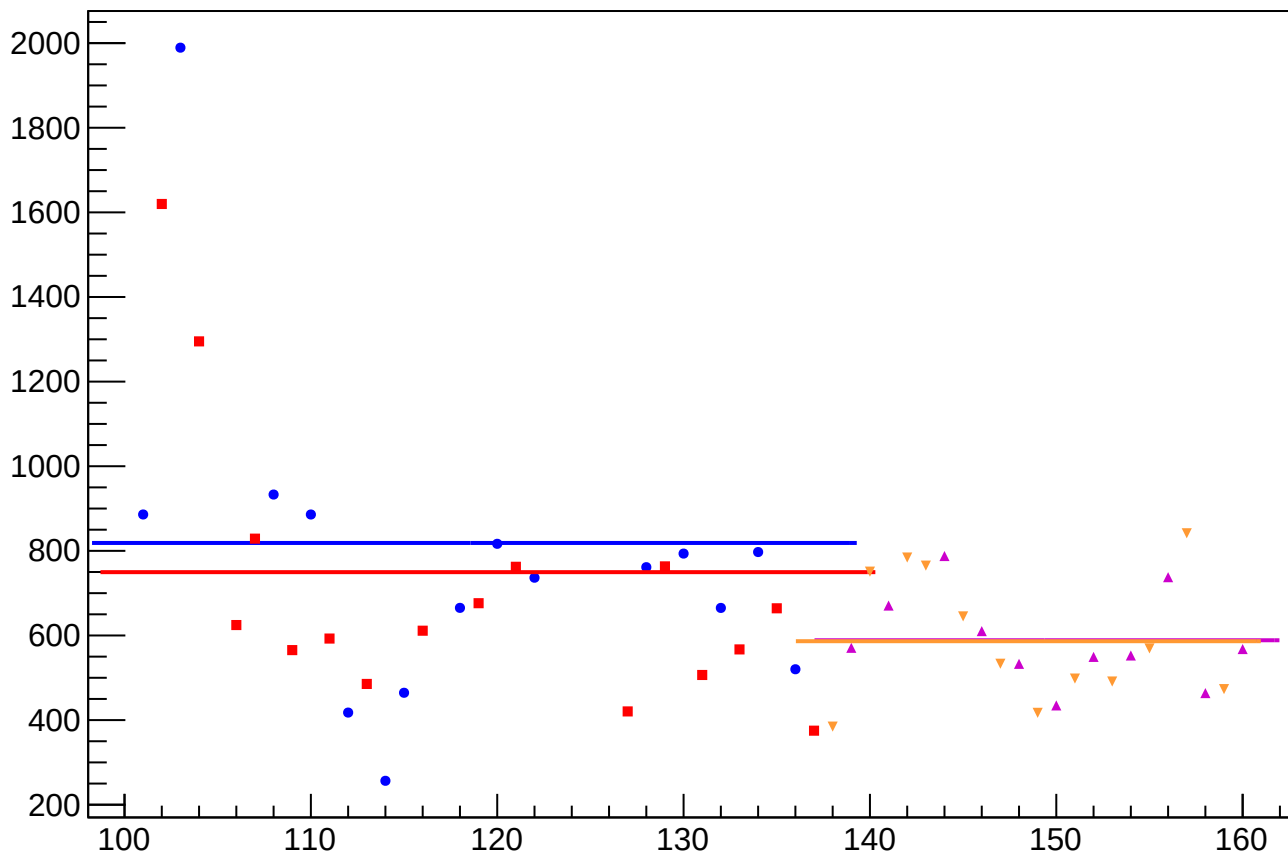
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18569.658+/-0.000	χ^2/NDF : 4355453929949745896740569008121325813760.0/11
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19322.974+/-0.000	χ^2/NDF : 5509841990831420617123513924011035721728.0/10

+ sign 21330.839+/-0.000 χ^2/NDF : 4575967964808
 All: 21645.438+/-0.000 χ^2/NDF : 9120642152
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

dit_usr_coil7_err_mean vs Slug



Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14

+ sign 682.698 $\pm$ 0.000 χ^2 /NDF: 145896038766457

Left Out: 586.466 $\pm$ 0.000 χ^2 /NDF: 19798968336765265919175174287150546944.0/11

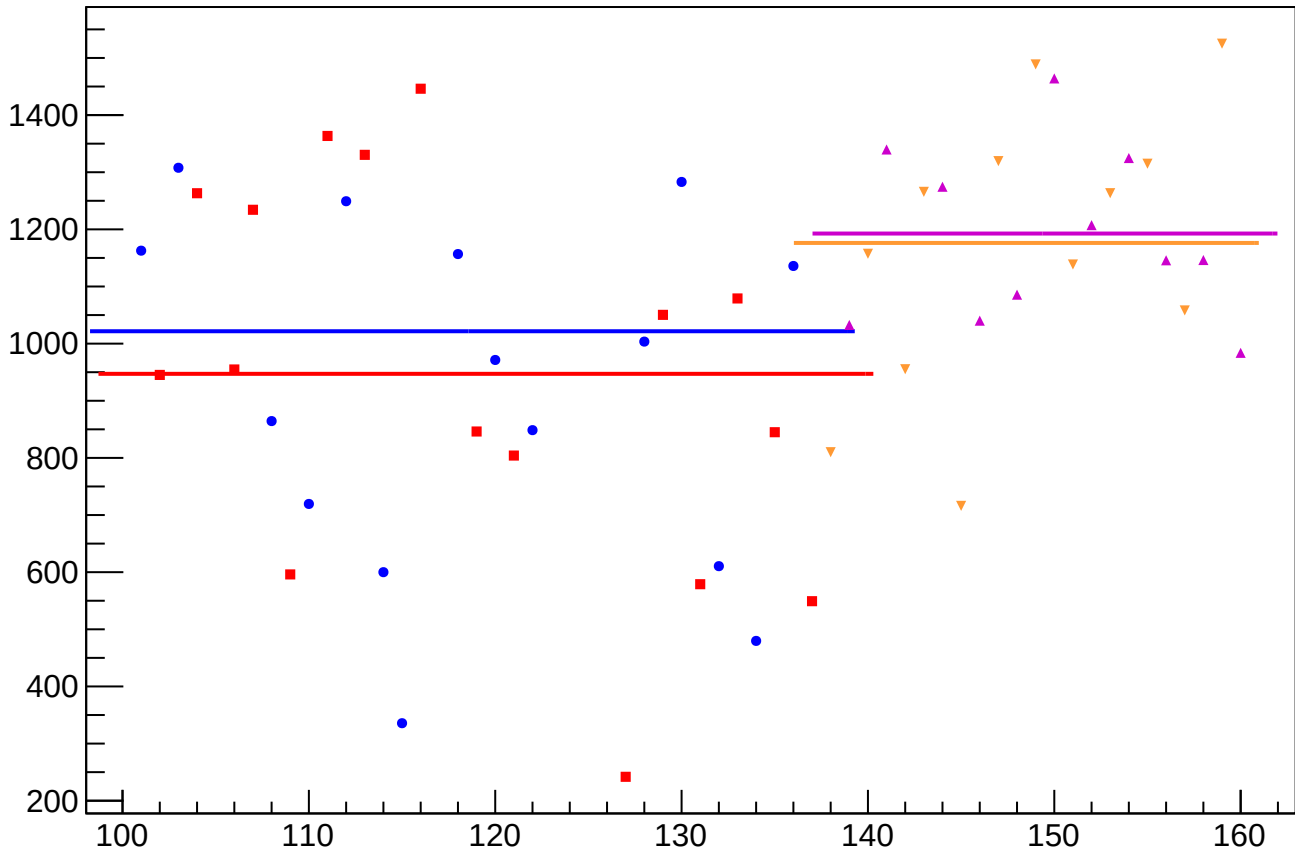
All: 669.332 $\pm$ 0.000 χ^2 /NDF: 24436536048

Right Out: 749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15

- sign 656.176 $\pm$ 0.000 χ^2 /NDF: 979142023590546

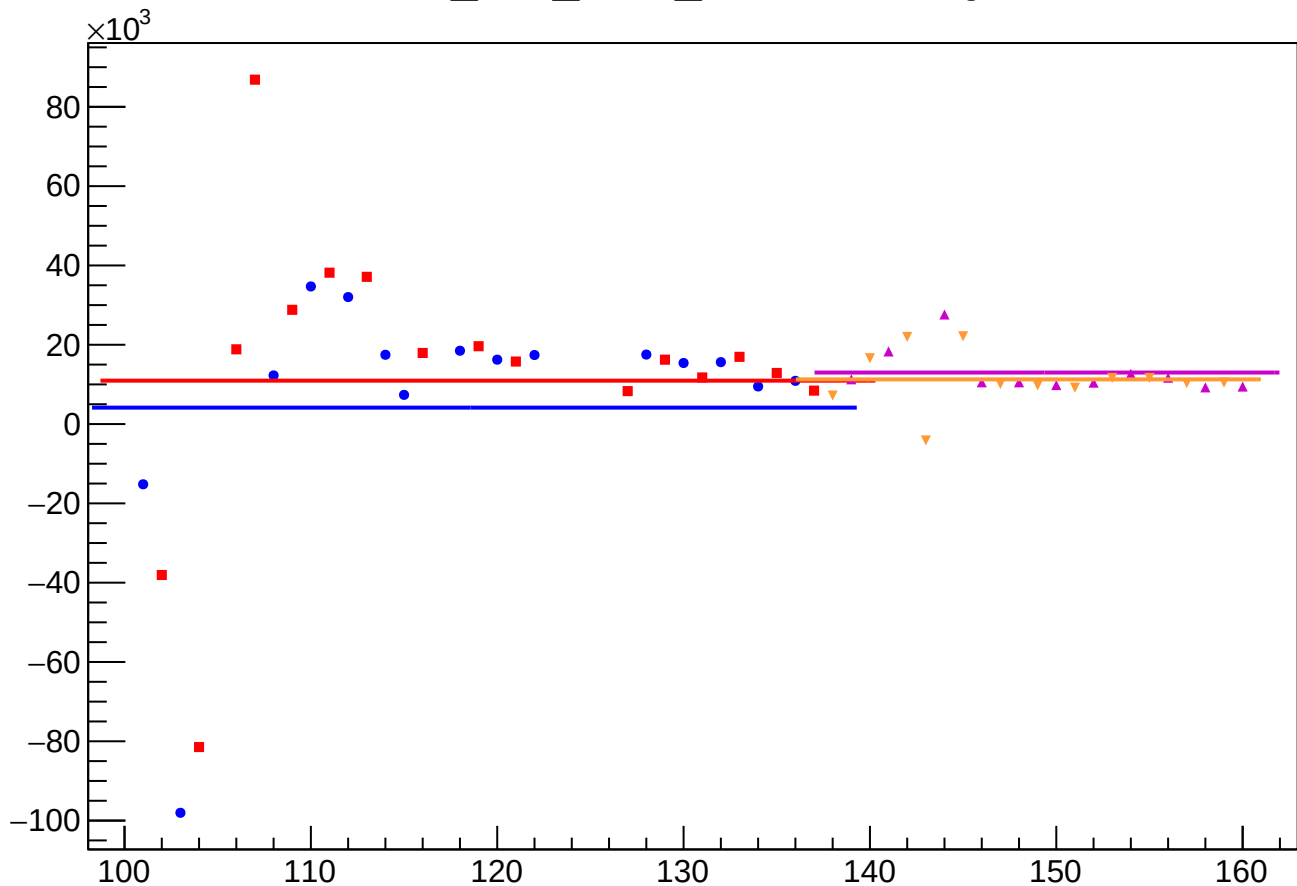
Left In: 588.693 $\pm$ 0.000 χ^2 /NDF: 9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



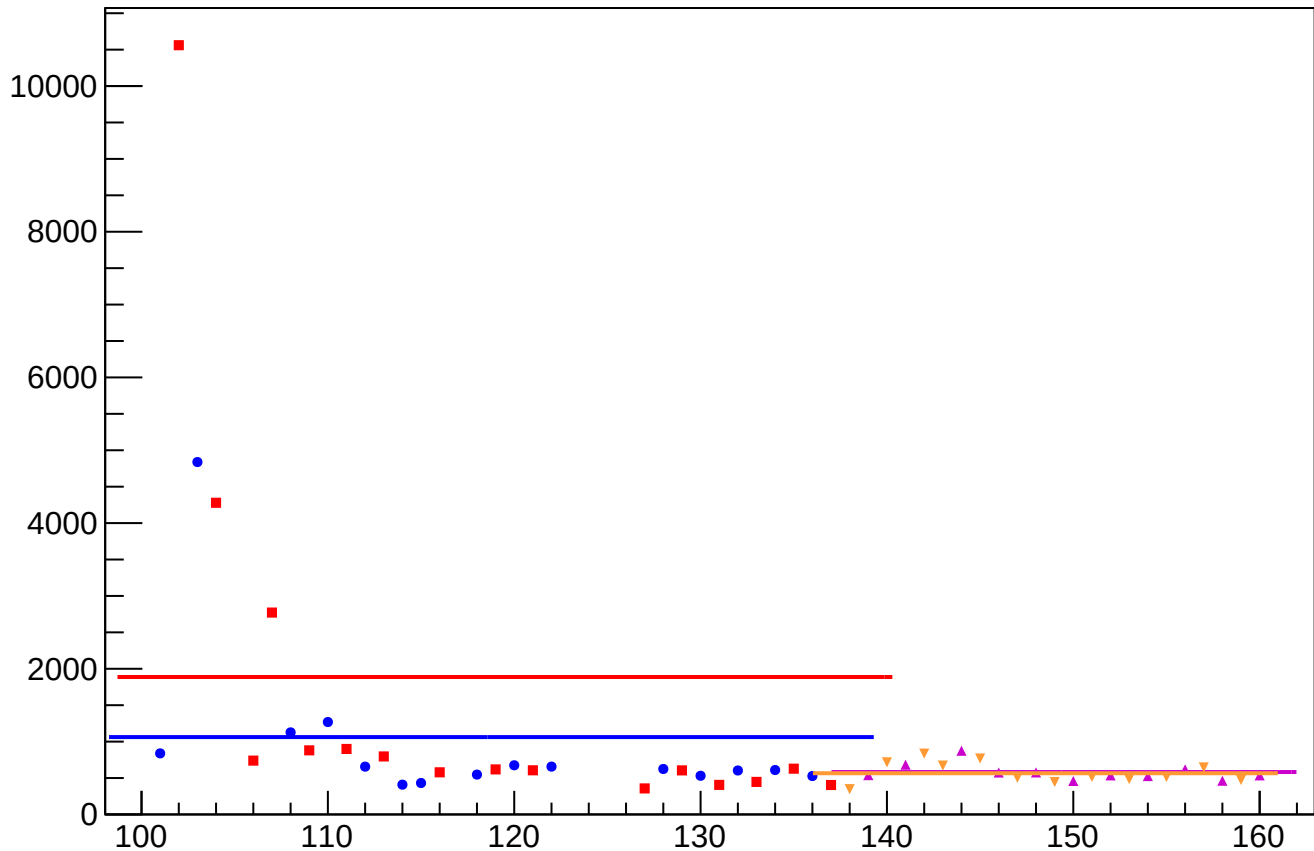
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1112.188+/-0.000	χ^2/NDF : 10292693819422
Left Out: 1176.242+/-0.000	χ^2/NDF : 53355525796592022882385023198883217408.0/11	All: 1100.879+/-0.000	χ^2/NDF : 21371922767
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

dit_atl1_coil7_mean vs Slug



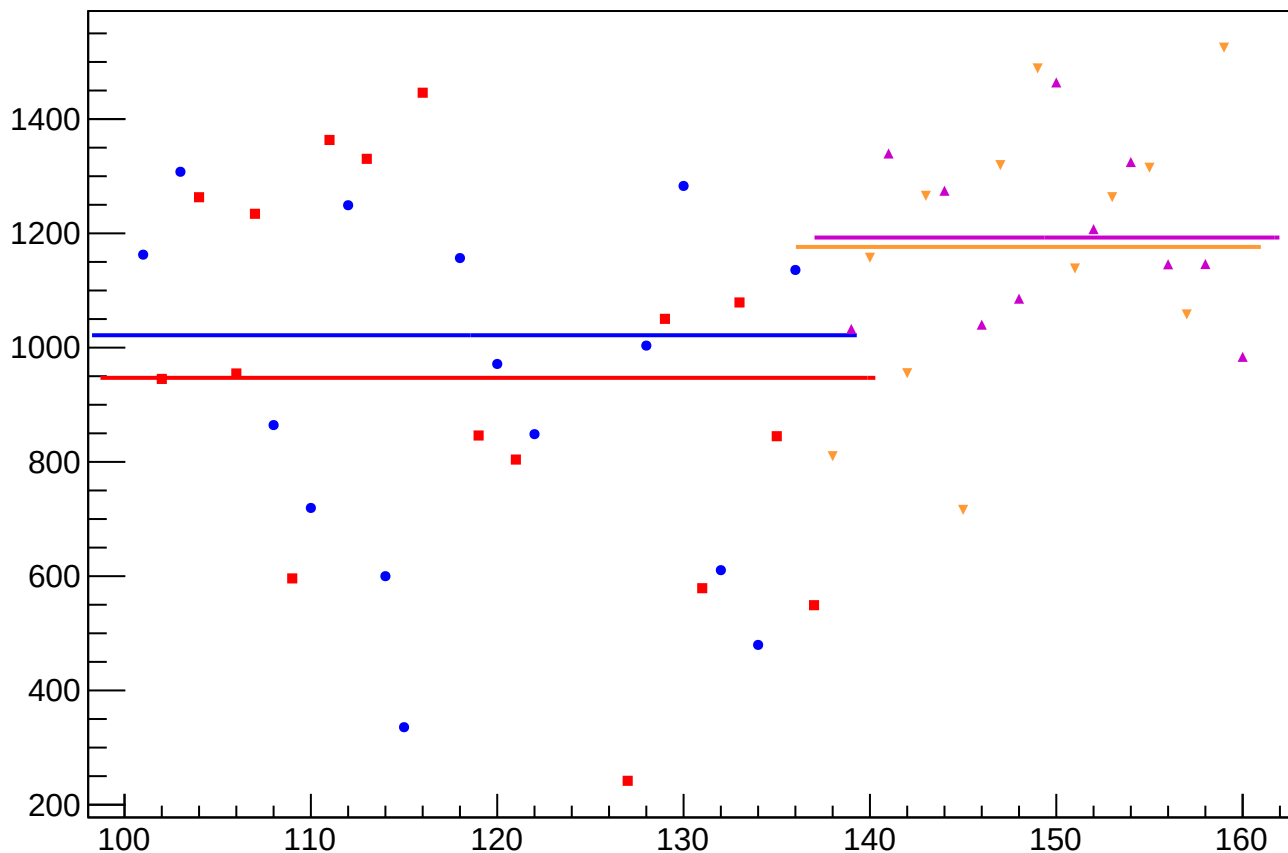
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11270.779 ± 0.000 χ^2/NDF : 35137043527033139065388759182682848493568.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141 +/- 0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 565.876 +/- 0.000 χ^2/NDF : 16647379125618292913647848878579384320.0/11
 Right Out: 1887.077 +/- 0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 582.413 +/- 0.000 χ^2/NDF : 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

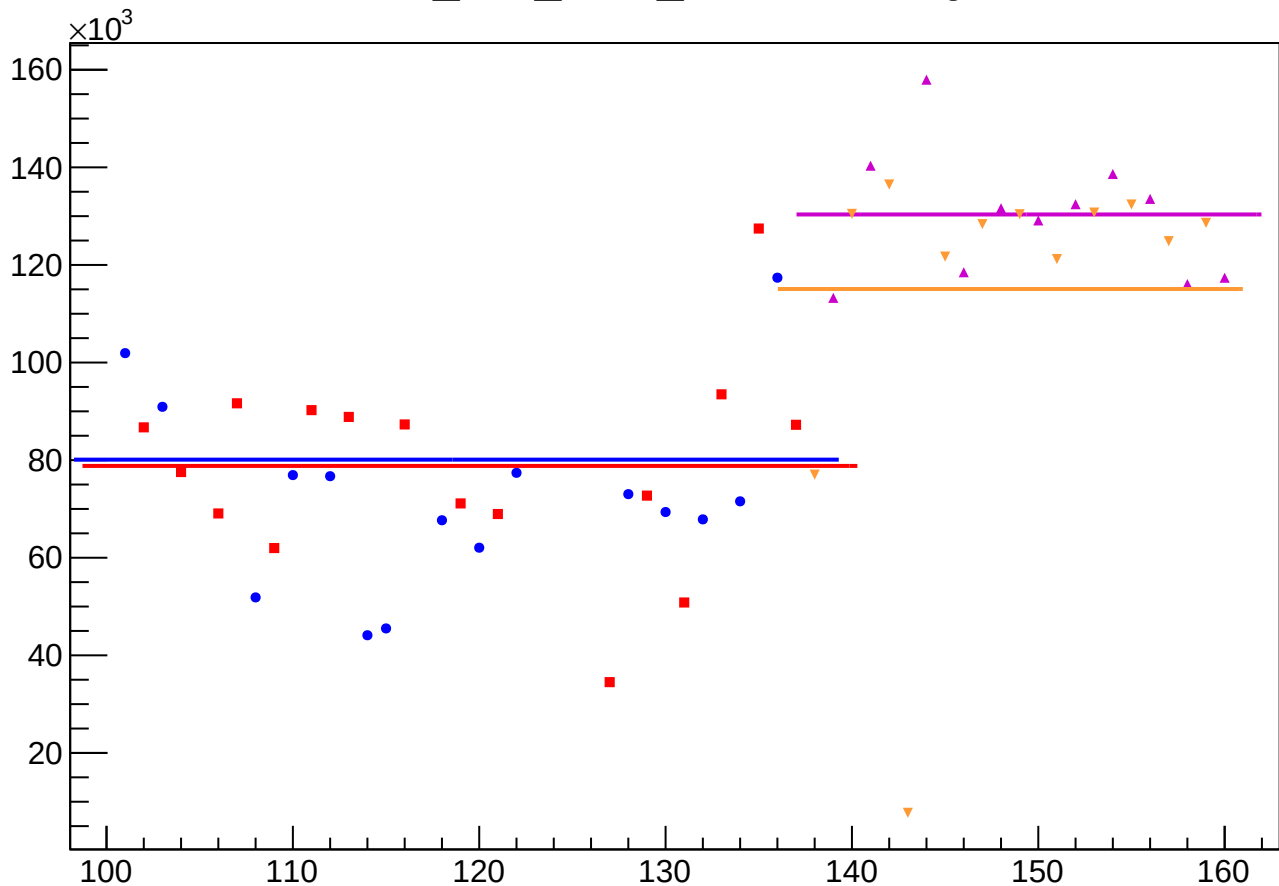
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

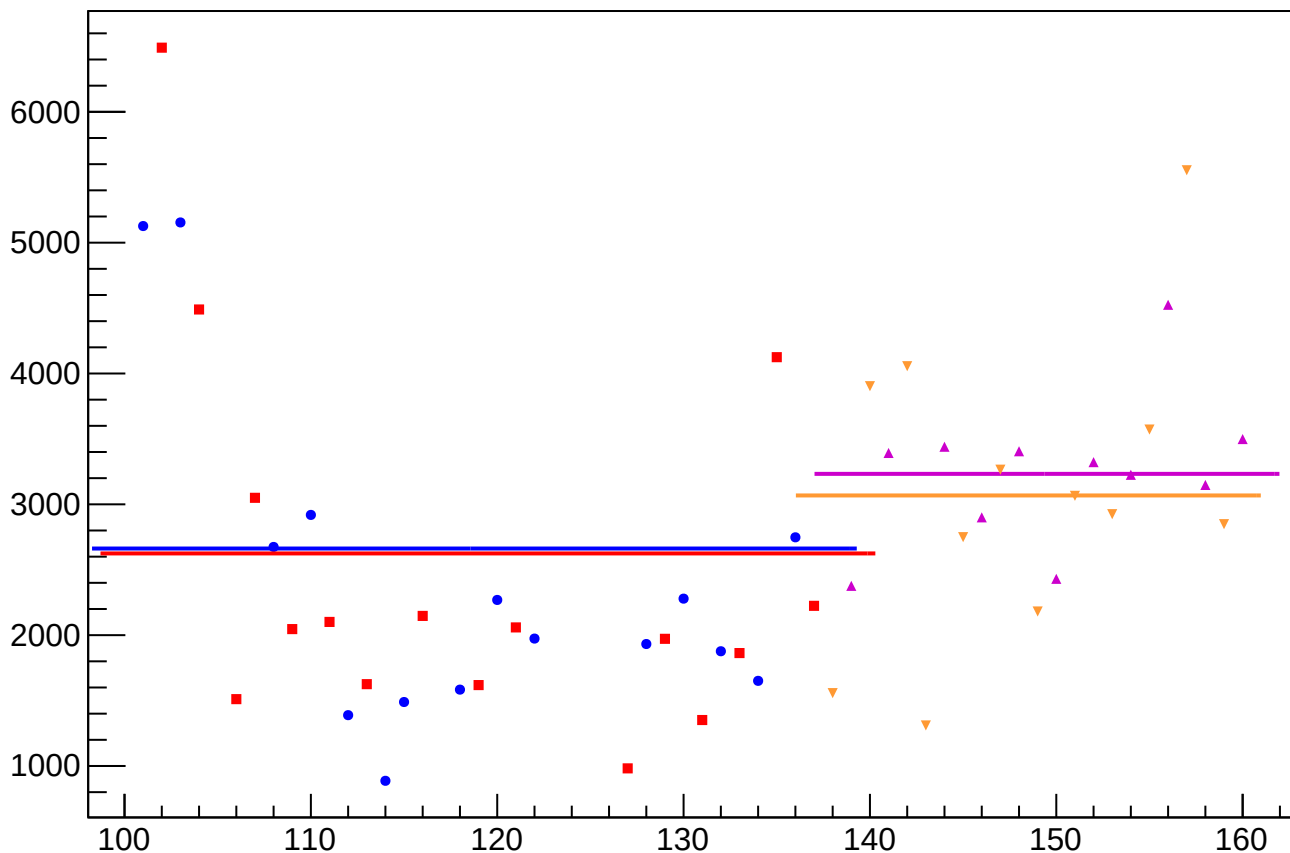
dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000	χ^2/NDF : 254521784097258654723607522631742465769472.0/14
Left Out: 115071.197+/-0.000	χ^2/NDF : 1032500680832033878927899547290304830767104.0/11
Right Out: 78815.832+/-0.000	χ^2/NDF : 286076919217811099434470442231998185472000.0/15
Left In: 130346.244+/-0.000	χ^2/NDF : 148174871015439819820100459279999278514176.0/10

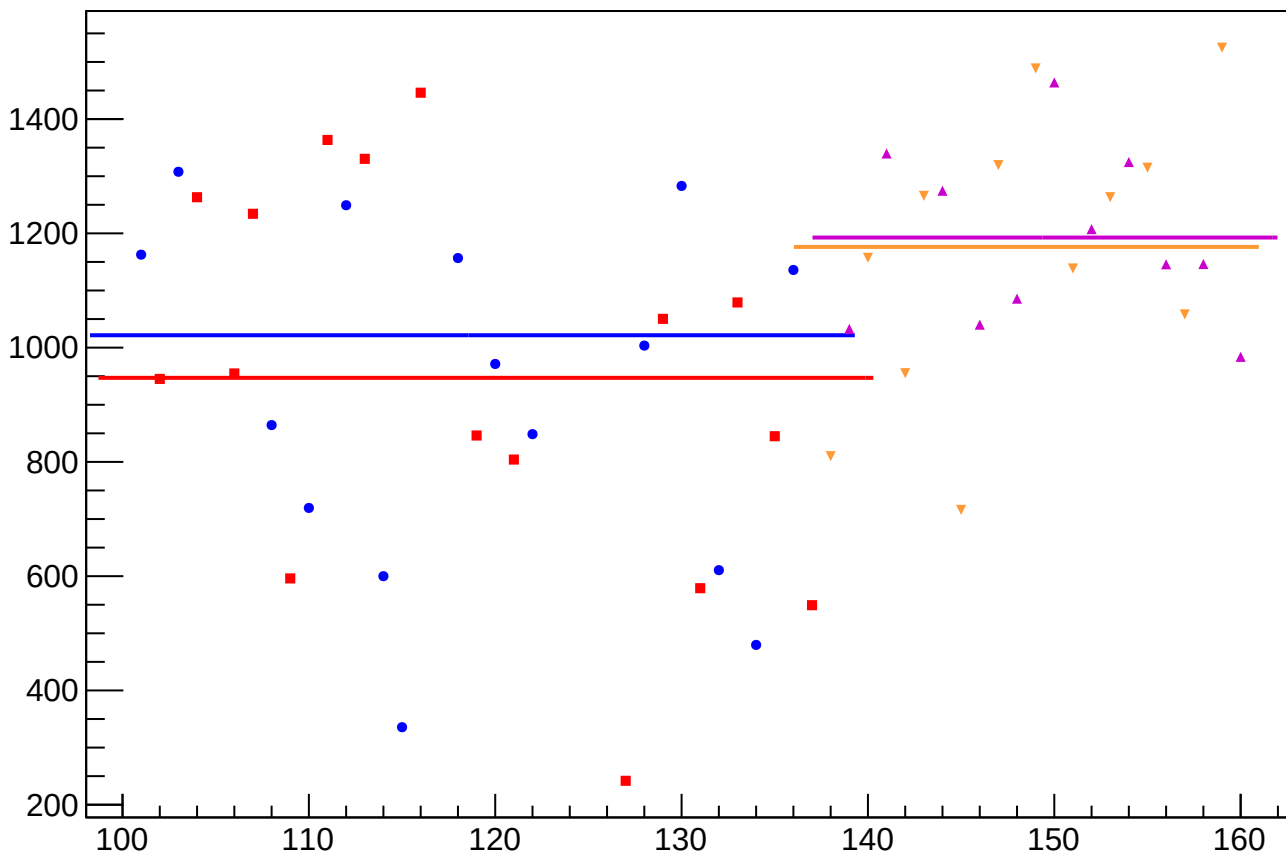
+ sign 100579.063+/-0.000 χ^2/NDF : 175173145968
 All: 104693.349+/-0.000 χ^2/NDF : 32672028
 - sign 108742.985+/-0.000 χ^2/NDF : 146287150012

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000	χ^2/NDF : 1031389230165640157864439705583367487488.0/14	+ sign 2899.744+/-0.000	χ^2/NDF : 21724325951632
Left Out: 3067.875+/-0.000	χ^2/NDF : 1078495187687389019694818149822179049472.0/11	All: 2939.136+/-0.000	χ^2/NDF : 41629642806
Right Out: 2624.696+/-0.000	χ^2/NDF : 1566705216866534713590934835660406652928.0/15	- sign 2977.909+/-0.000	χ^2/NDF : 19857098184284
Left In: 3232.879+/-0.000	χ^2/NDF : 275721007613891276741007240283331493888.0/10		

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

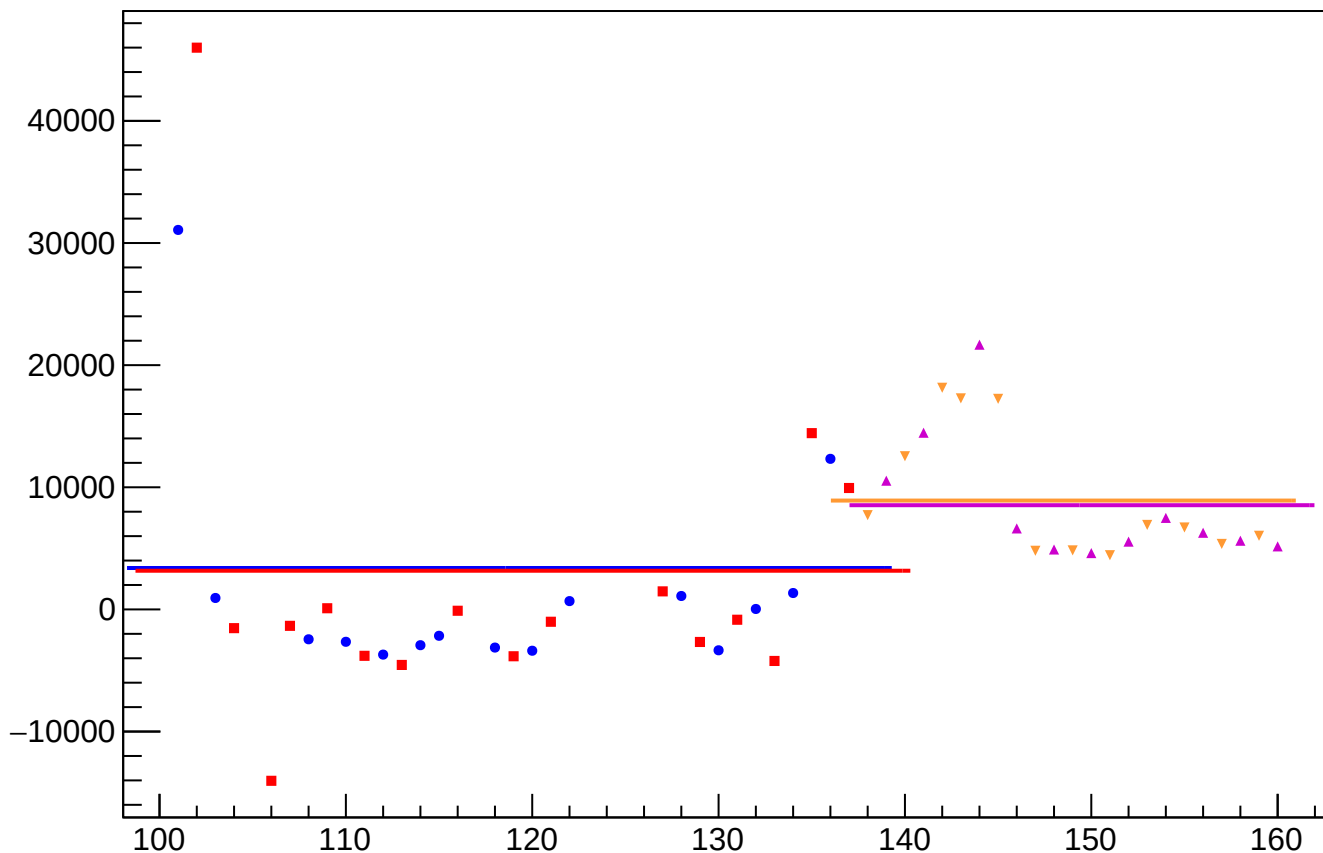
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

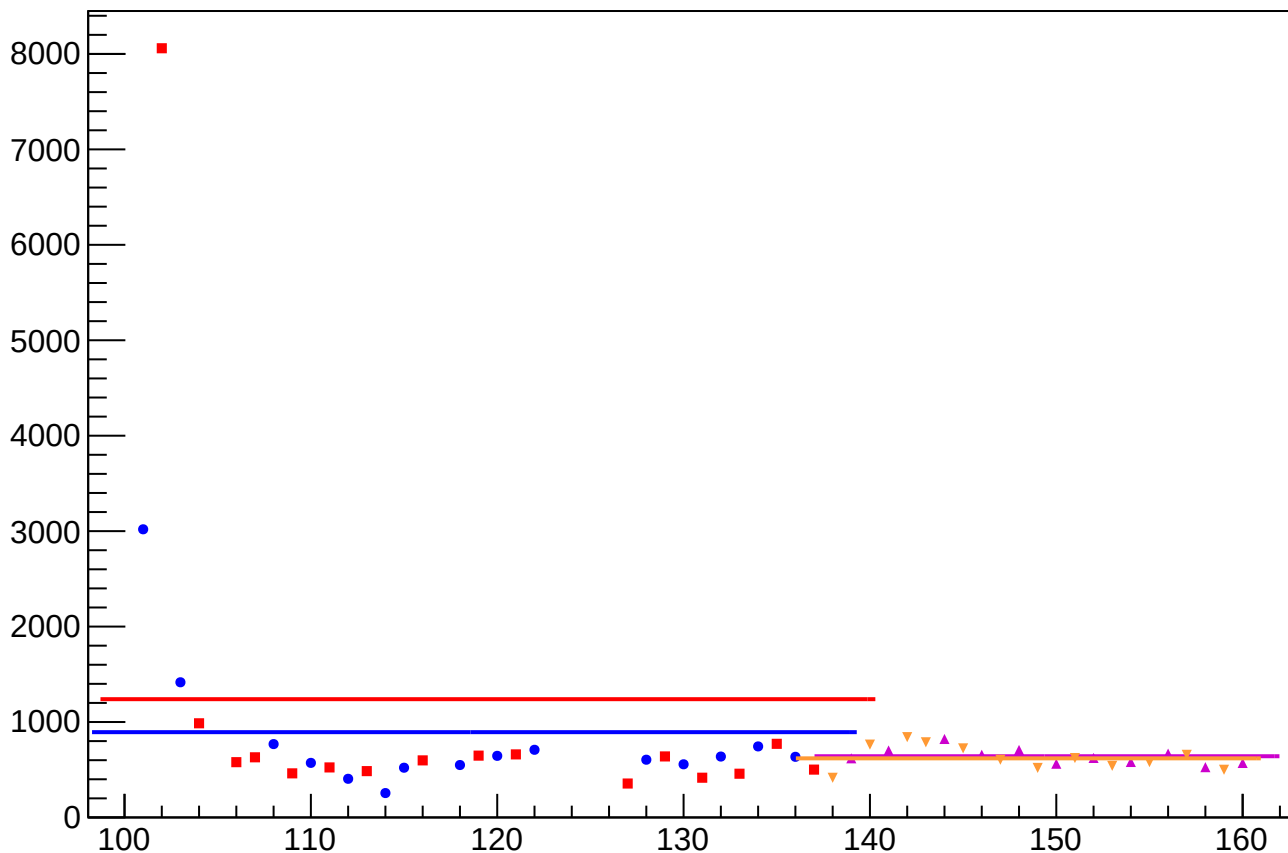
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8912.459+/-0.000 χ^2/NDF : 22070544402646074284268231690805235941376.0/11
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8532.821+/-0.000 χ^2/NDF : 24299515949380224586324737558095226470400.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

+ sign 733.050+/-0.000 χ^2/NDF : 375925094146267

Left Out: 619.363+/-0.000 χ^2/NDF : 12743310597907802273598099300489887744.0/11

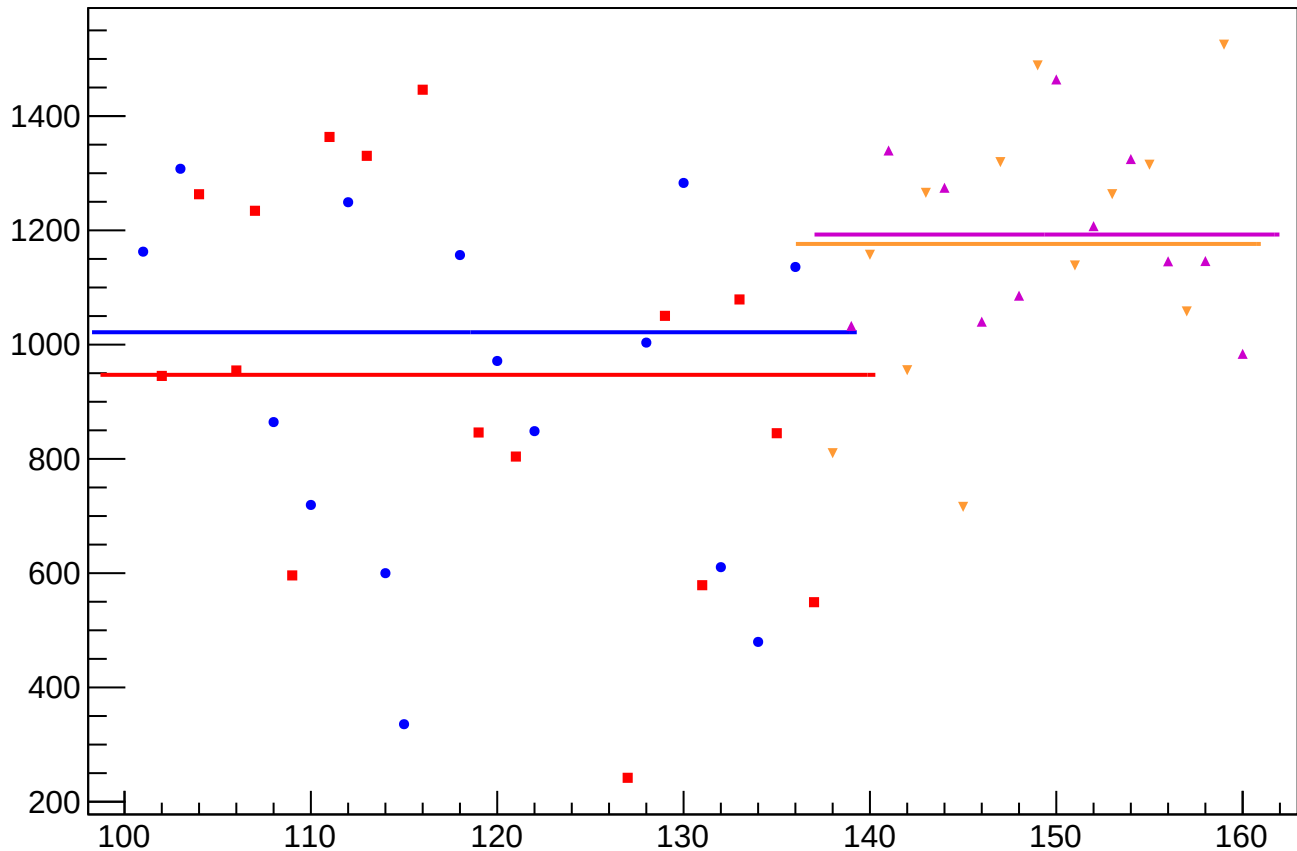
All: 813.210+/-0.000 χ^2/NDF : 351136718180

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

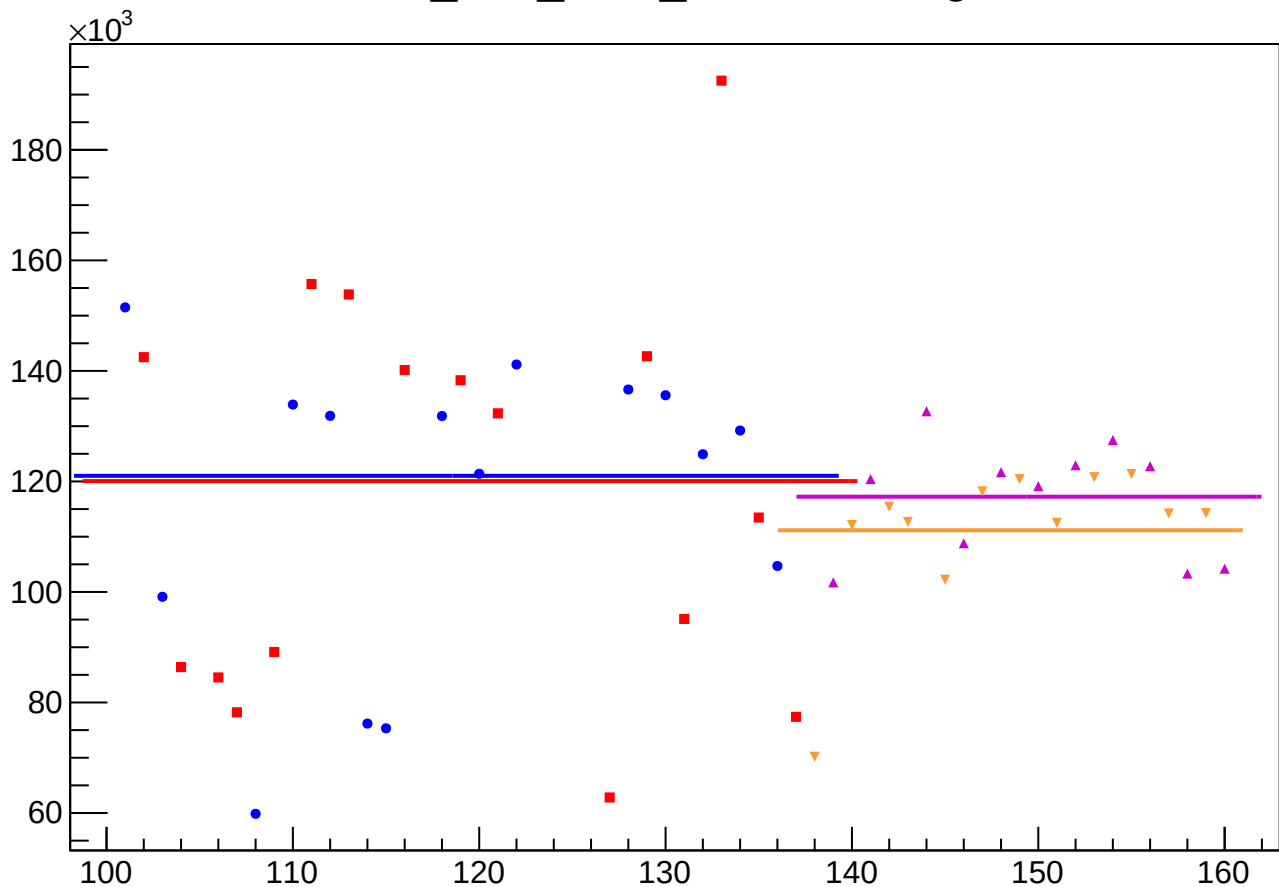
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1112.188+/-0.000	χ^2/NDF : 10292693819422
Left Out: 1176.242+/-0.000	χ^2/NDF : 53355525796592022882385023198883217408.0/11	All: 1100.879+/-0.000	χ^2/NDF : 21371922767
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

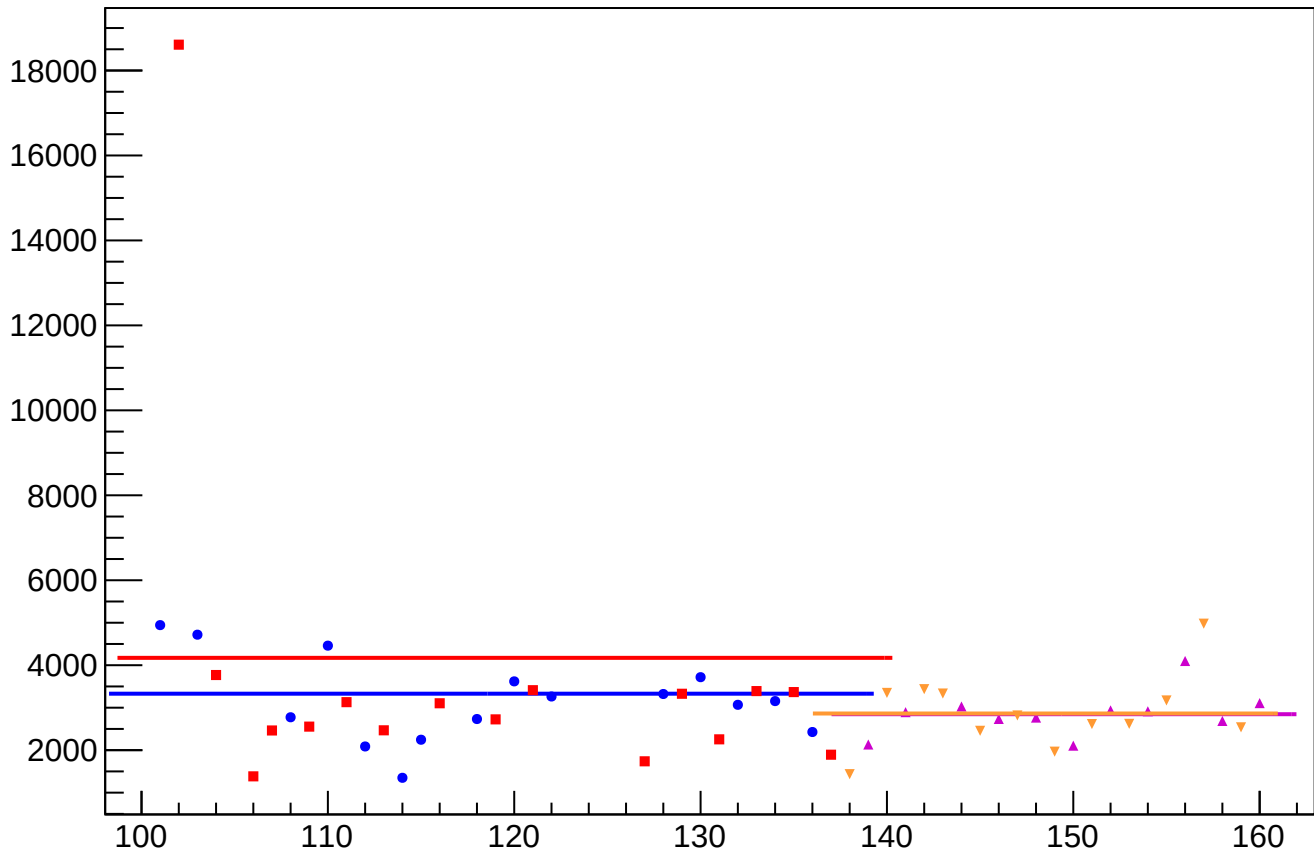
dit_atr2_coil7_mean vs Slug



Right In: 121016.482+/-0.000	χ^2/NDF : 358713856404303554987784975983609668173824.0/14
Left Out: 111166.801+/-0.000	χ^2/NDF : 167364192439388047212250461007969368670208.0/11
Right Out: 120060.693+/-0.000	χ^2/NDF : 828419782346707601448620310014135952736256.0/15
Left In: 117237.465+/-0.000	χ^2/NDF : 92299527706158063096544434206678792011776.0/10

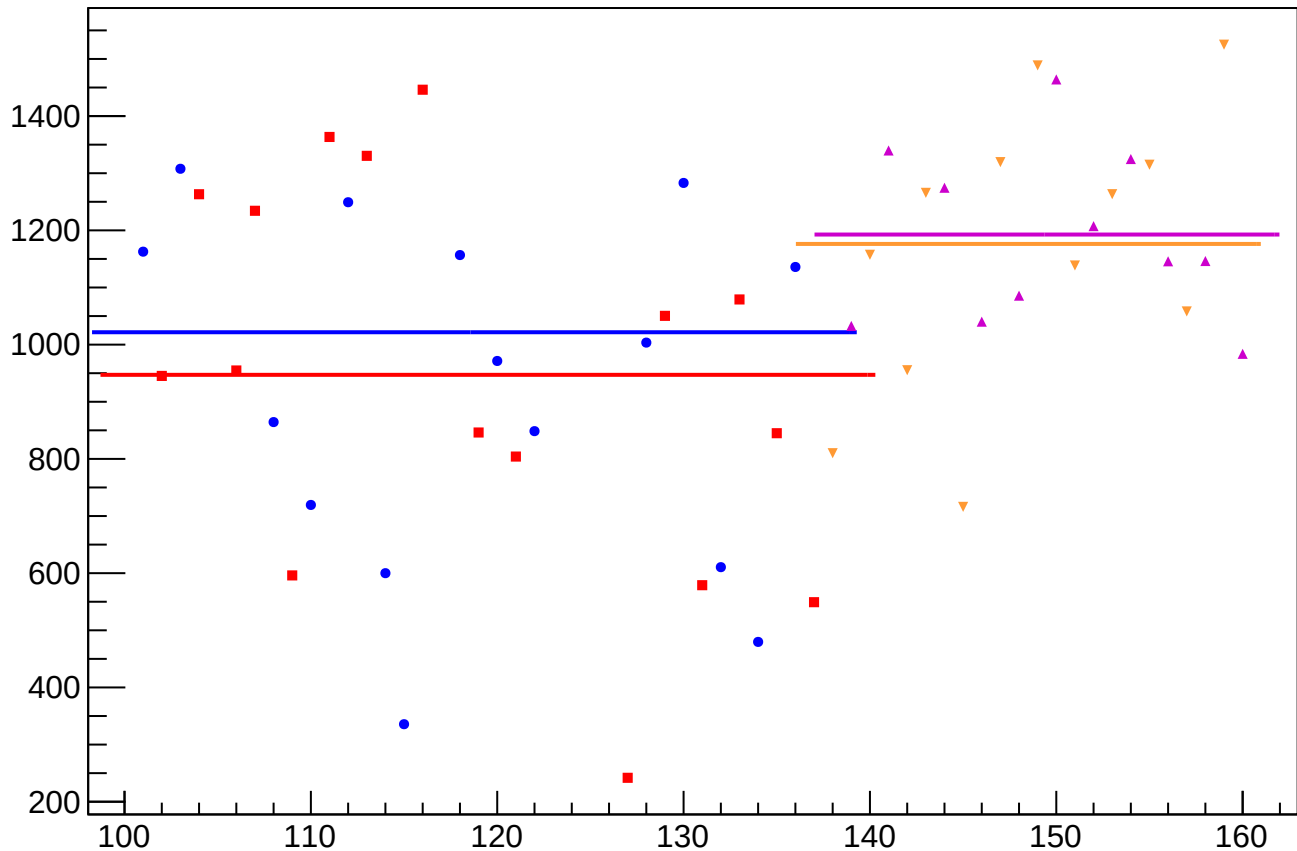
+ sign 115248.820+/-0.000 χ^2/NDF : 562947495905
 All: 116847.498+/-0.000 χ^2/NDF : 149469618
 - sign 118421.056+/-0.000 χ^2/NDF : 923806900564

dit_atr2_coil7_err_mean vs Slug



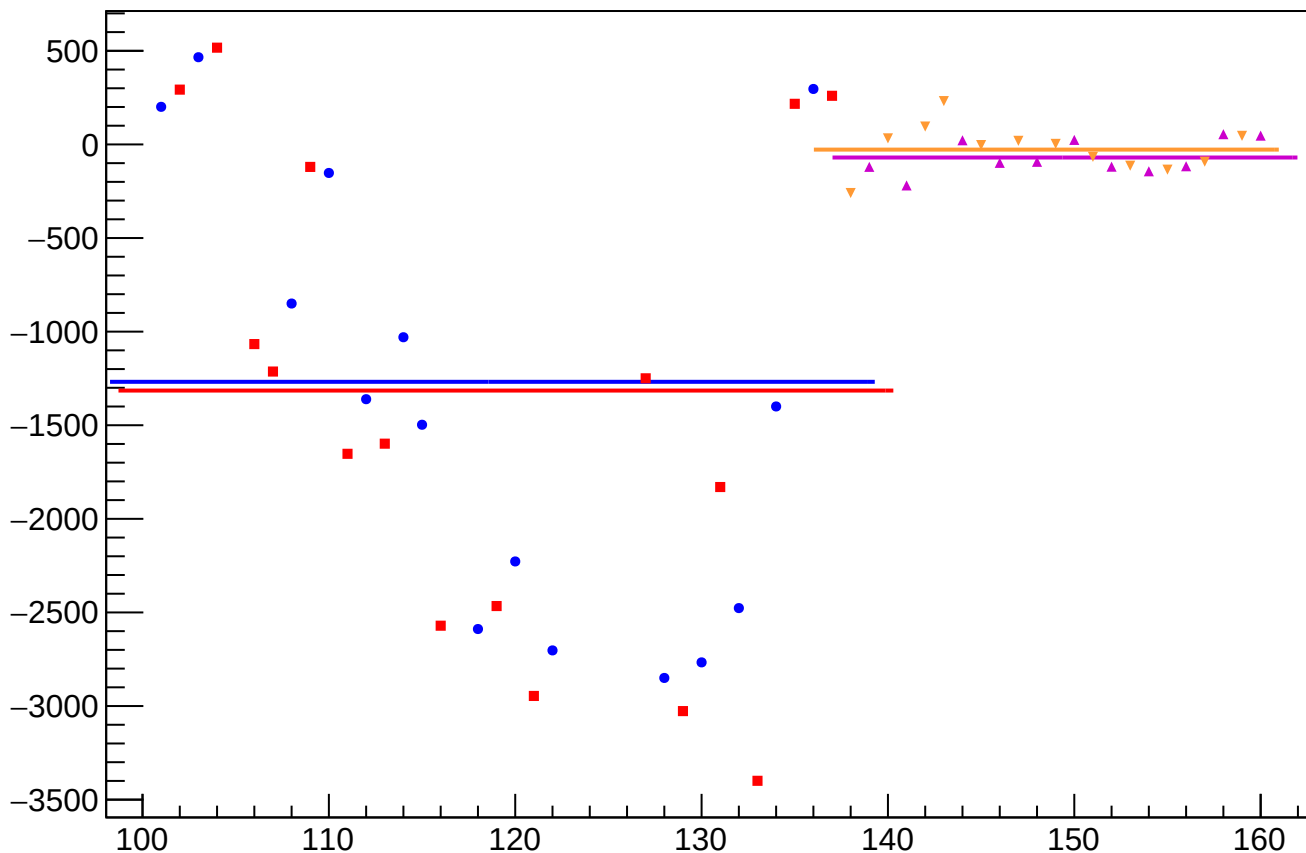
Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2863.169 $\pm$ 0.000 χ^2 /NDF: 668766817298044492245074854515224608768.0/11
 Right Out: 4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559 $\pm$ 0.000 χ^2 /NDF: 229557109736682123603885764134616170496.0/10

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

+ sign -541.718+/-0.000 χ^2/NDF : 16894077125350

Left Out: -27.654+/-0.000 χ^2/NDF : 12404131617036288818573632516917297152.0/11

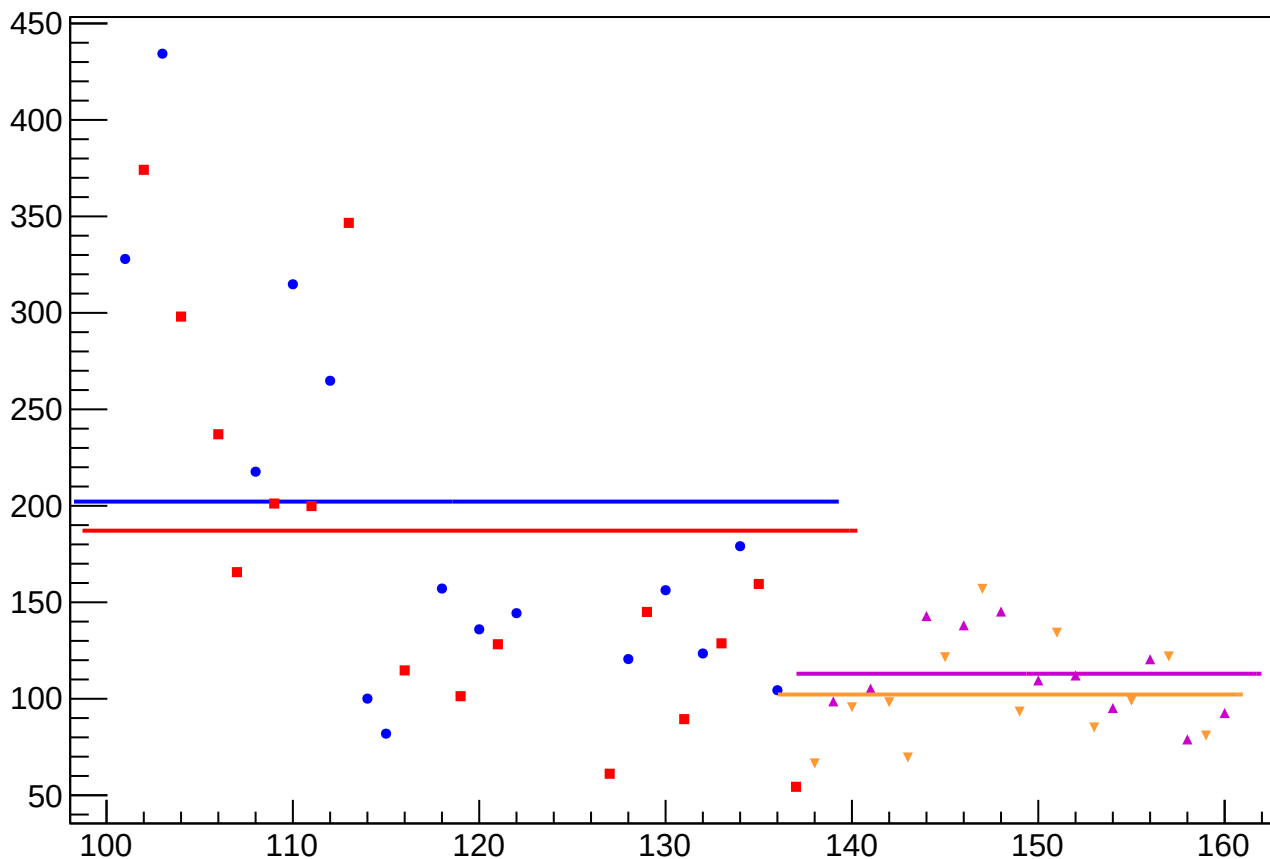
All: -566.948+/-0.000 χ^2/NDF : 33970738574

Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

- sign -591.782+/-0.000 χ^2/NDF : 170568806832735

Left In: -69.887+/-0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191 $\pm$ 0.000 χ^2 /NDF: 7027941052752849066369040650615128064.0/14

Left Out: 102.211 $\pm$ 0.000 χ^2 /NDF: 617349982651654313498458631453016064.0/11

Right Out: 187.126 $\pm$ 0.000 χ^2 /NDF: 6230029491605524746936515809941389312.0/15

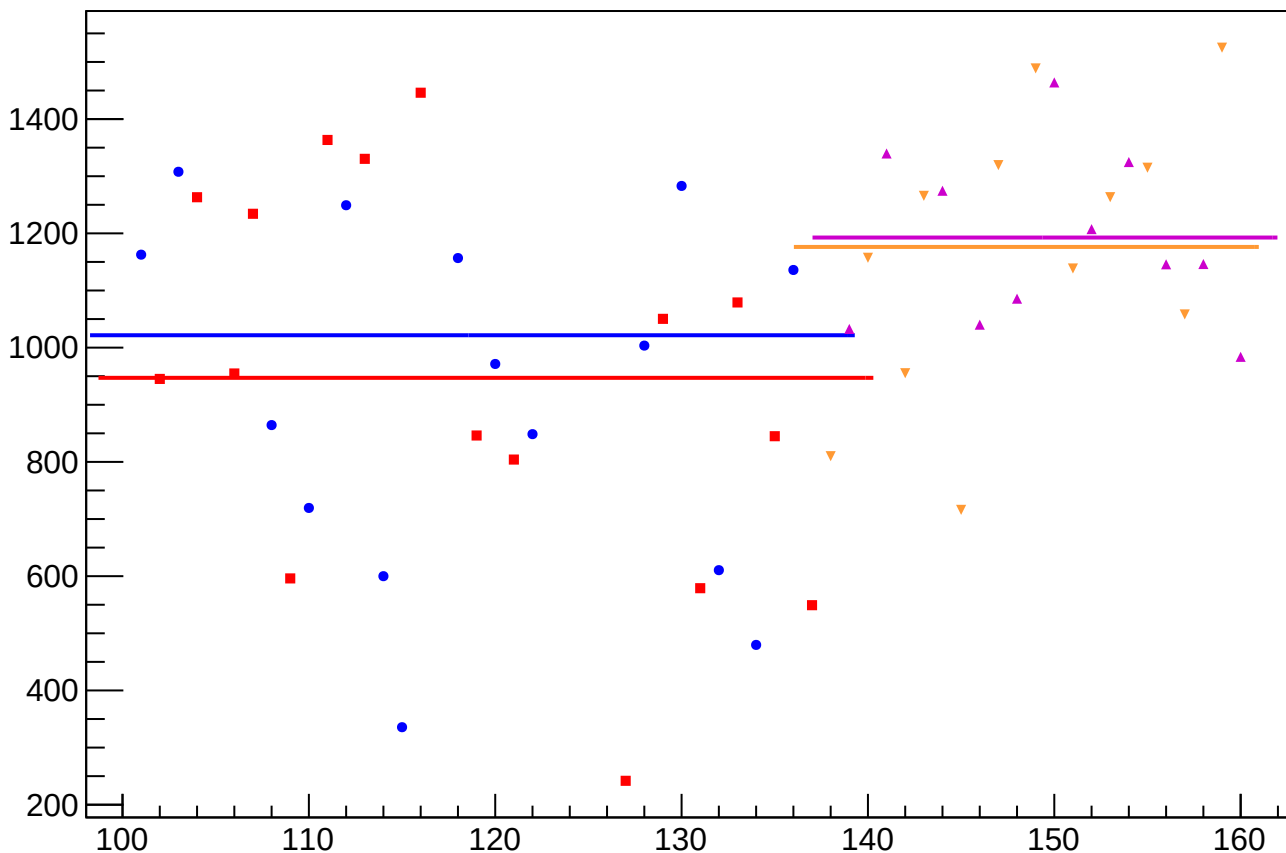
Left In: 112.981 $\pm$ 0.000 χ^2 /NDF: 399082569166702797505998561799569408.0/10

+ sign 143.646 $\pm$ 0.000 χ^2 /NDF: 114440760944396

All: 143.857 $\pm$ 0.000 χ^2 /NDF: 202028588615

- sign 144.065 $\pm$ 0.000 χ^2 /NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

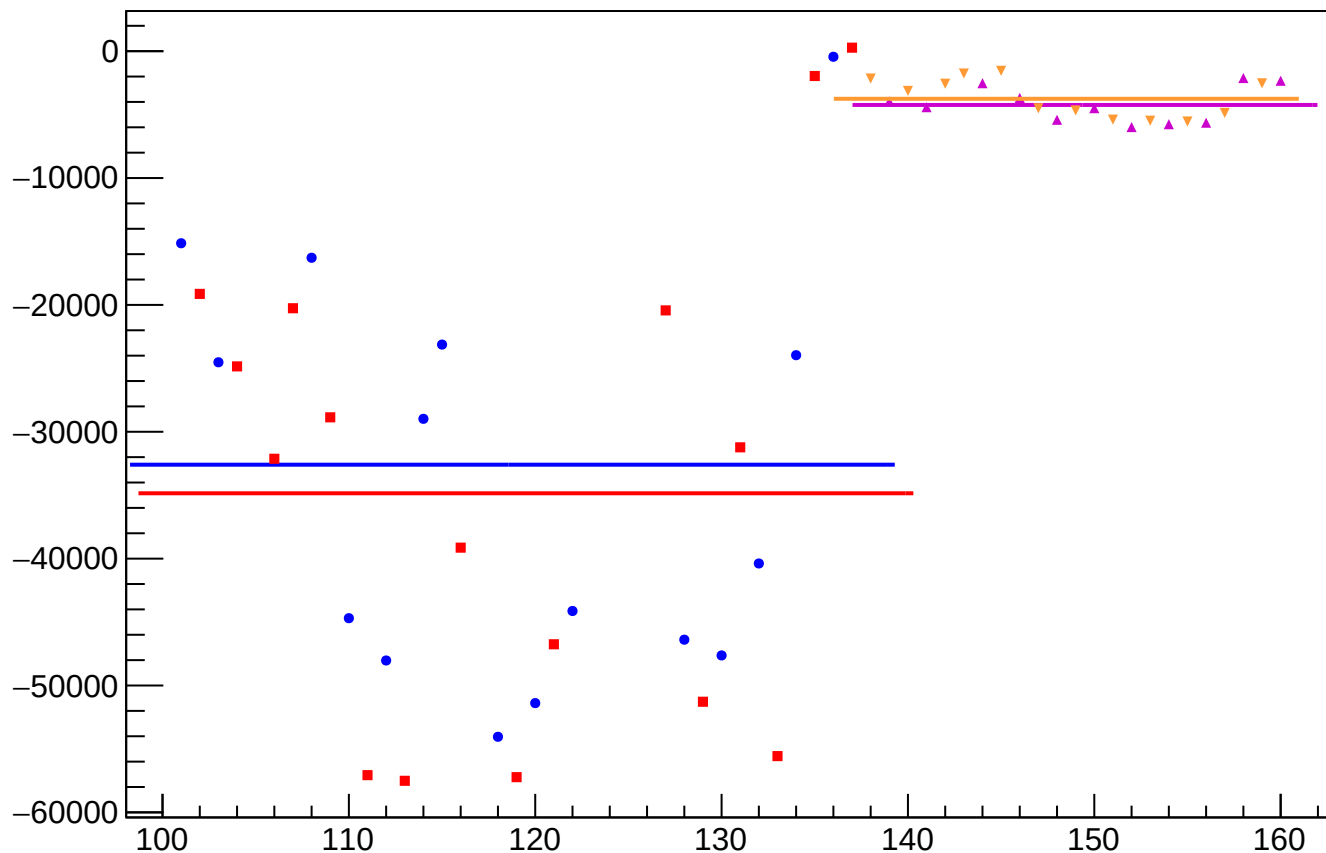
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1112.188 $\pm$ 0.000 χ^2 /NDF: 10292693819422

All: 1100.879 $\pm$ 0.000 χ^2 /NDF: 21371922767

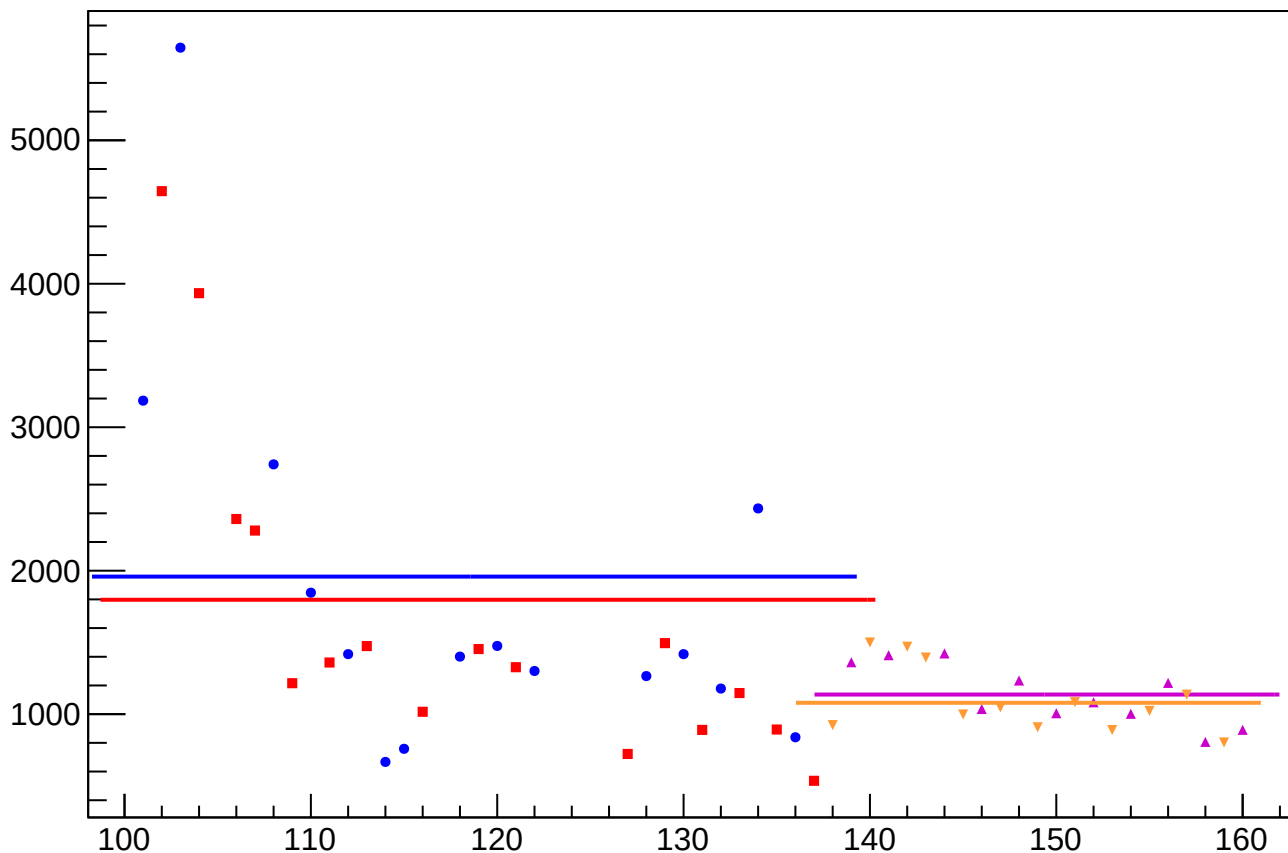
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam2_coil7_mean vs Slug



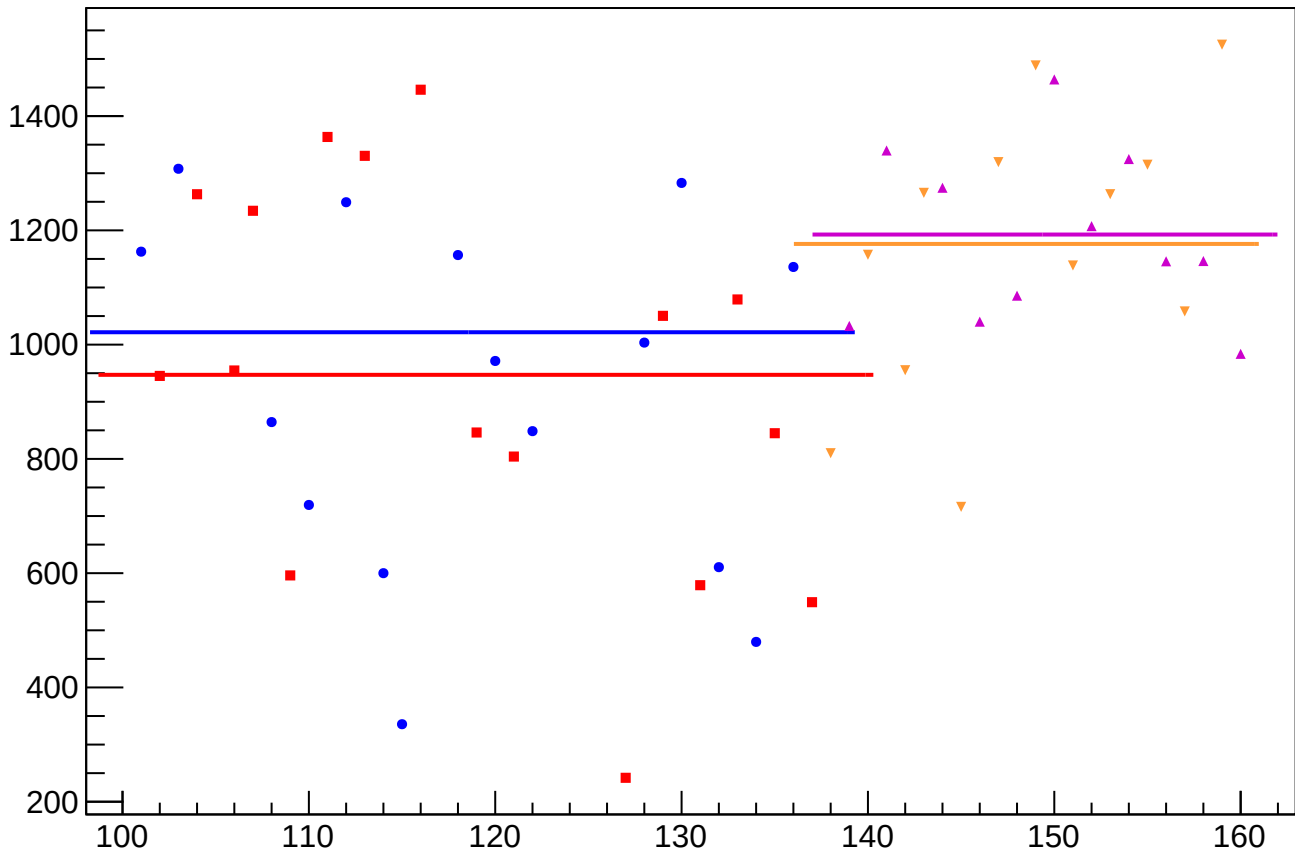
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3752.448 ± 0.000 χ^2/NDF : 2004018922397864512506251751982968602624.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



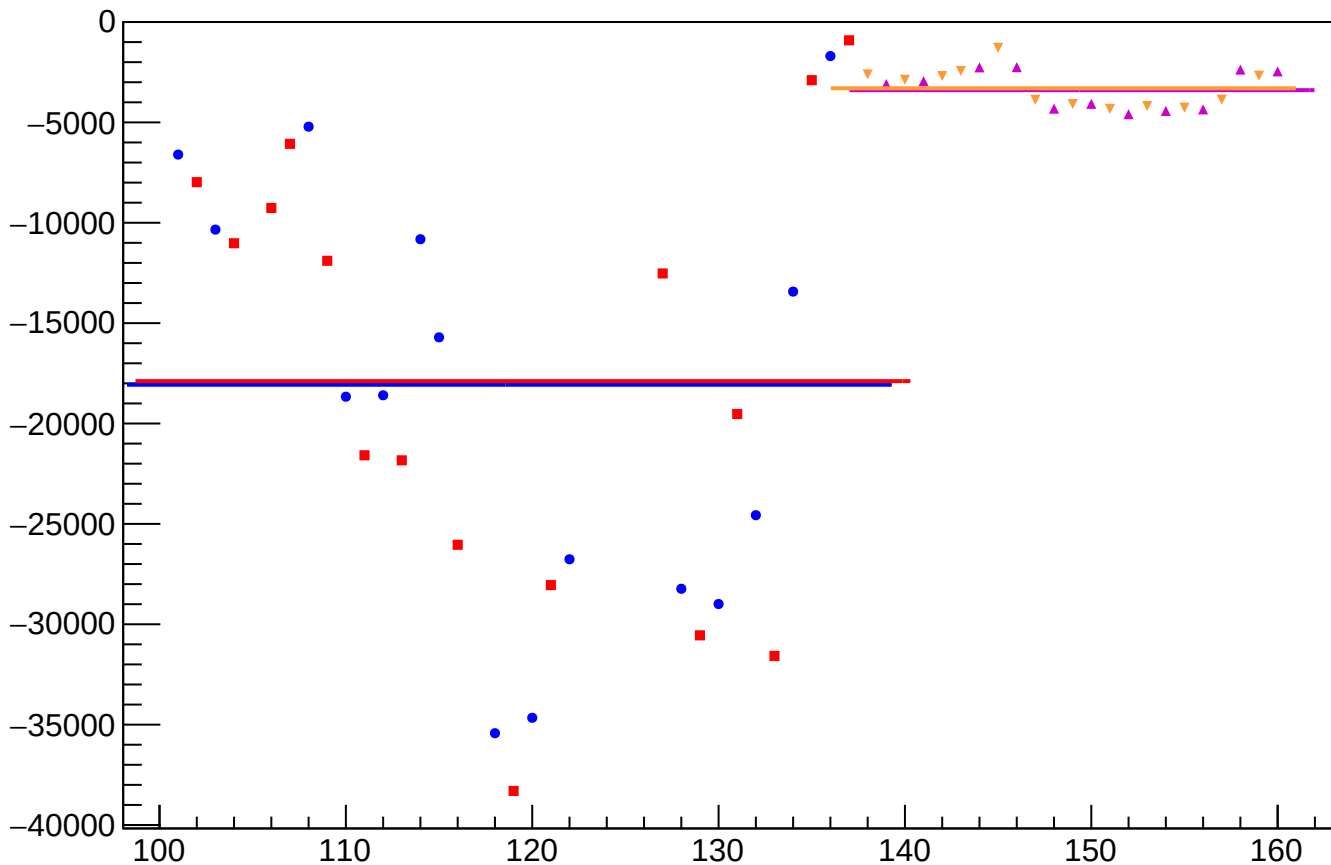
Right In: 1958.835+/-0.000	χ^2/NDF : 1189322999631358431600643692981190131712.0/14	+ sign 1443.764+/-0.000	χ^2/NDF : 15261985554575
Left Out: 1079.227+/-0.000	χ^2/NDF : 42839458661255724609894406058462412800.0/11	All: 1428.616+/-0.000	χ^2/NDF : 26877423217
Right Out: 1797.392+/-0.000	χ^2/NDF : 955096623879958195657195074614240215040.0/15	- sign 1413.706+/-0.000	χ^2/NDF : 11608307427850
Left In: 1136.738+/-0.000	χ^2/NDF : 36660640388160233770492299797174681600.0/10		

dit_sam2_coil7_Ndata_mean vs Slug



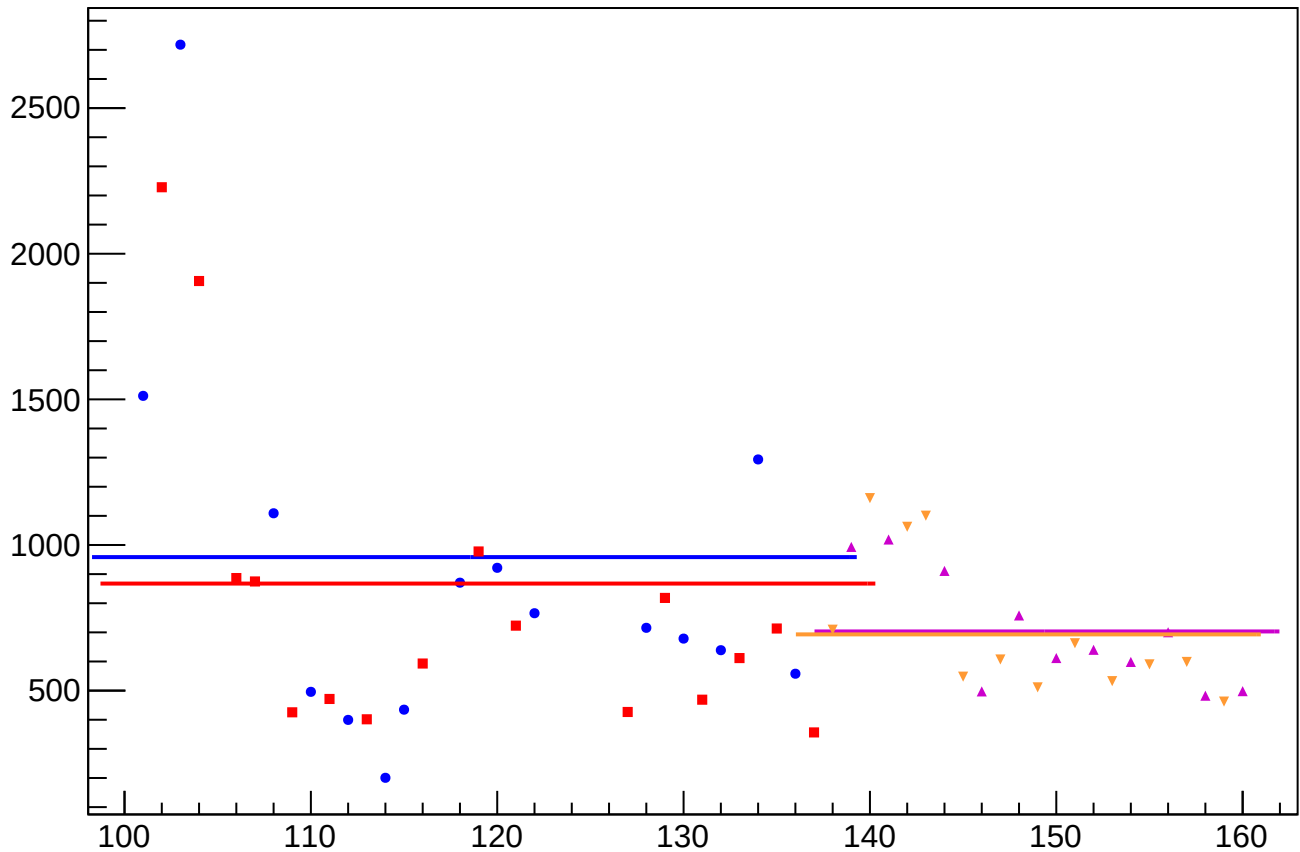
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3301.165+/-0.000 χ^2/NDF : 804572006868088518224503479729974673408.0/11
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10
 All: -9446.127+/-0.000 χ^2/NDF : 3285809924
 + sign -9421.237+/-0.000 χ^2/NDF : 1679928582354
 - sign -9470.625+/-0.000 χ^2/NDF : 1605862092635

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 693.081+/-0.000 χ^2/NDF : 48514734468503708126538641267241254912.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

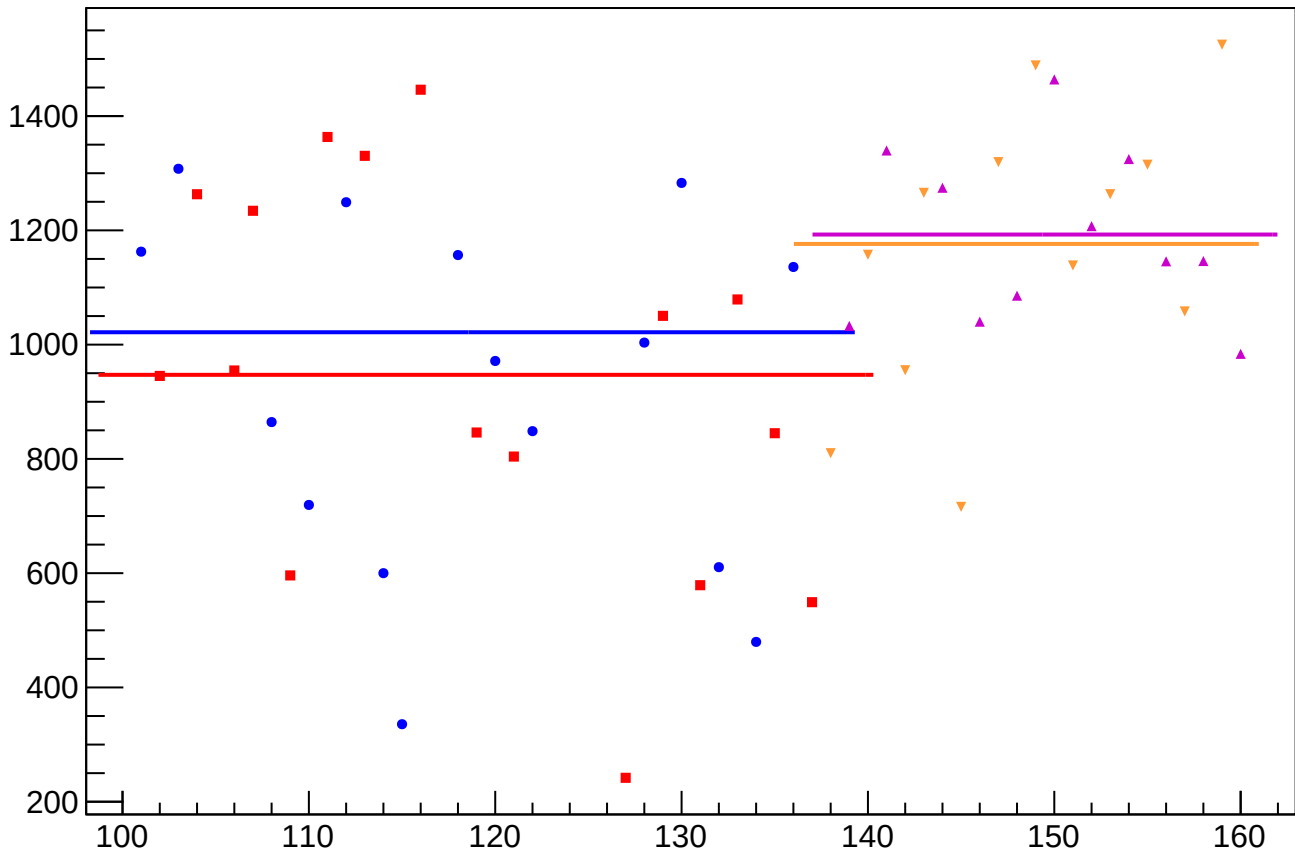
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 803.042+/-0.000 χ^2/NDF : 340002051465398

All: 787.437+/-0.000 χ^2/NDF : 599394746254

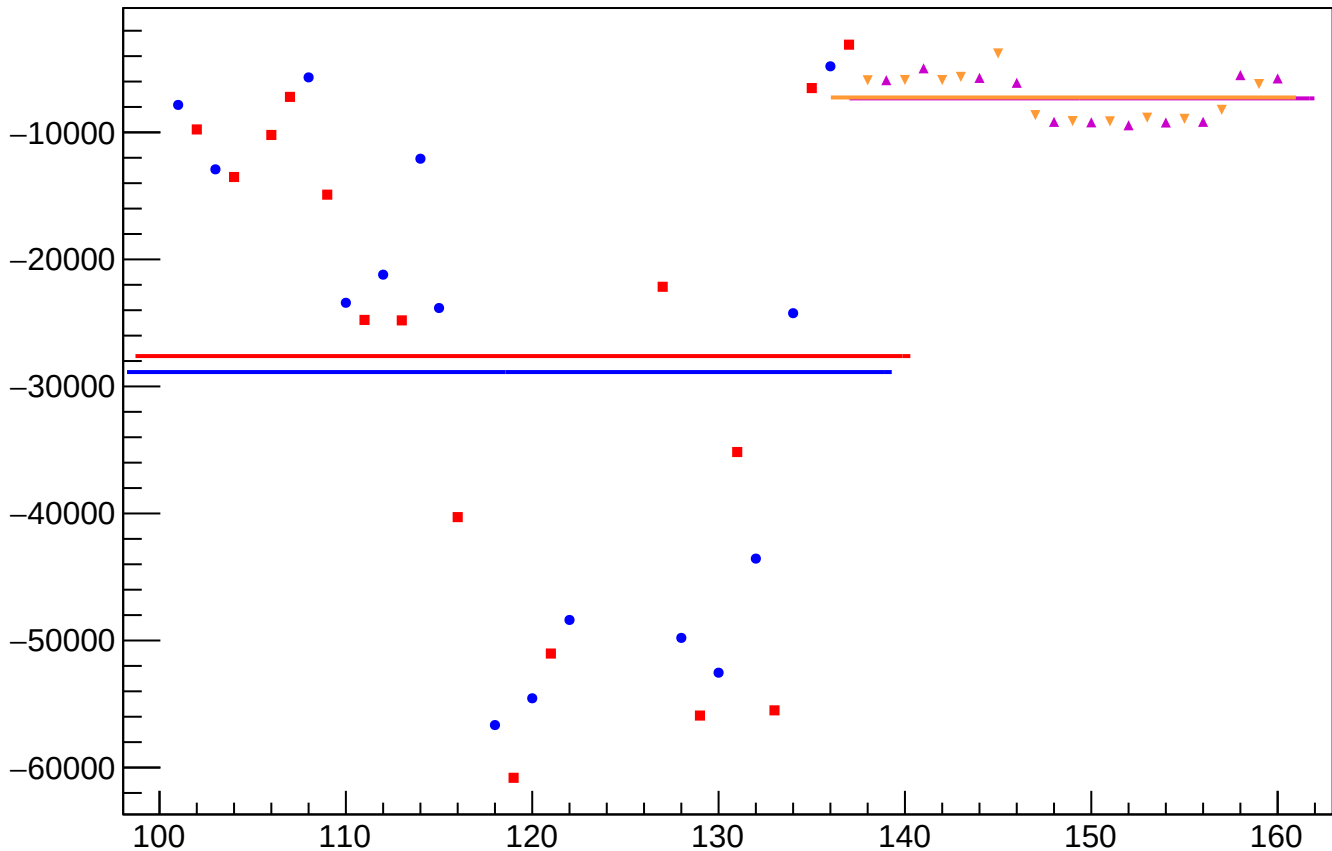
- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

dit_sam3_coil7_Ndata_mean vs Slug



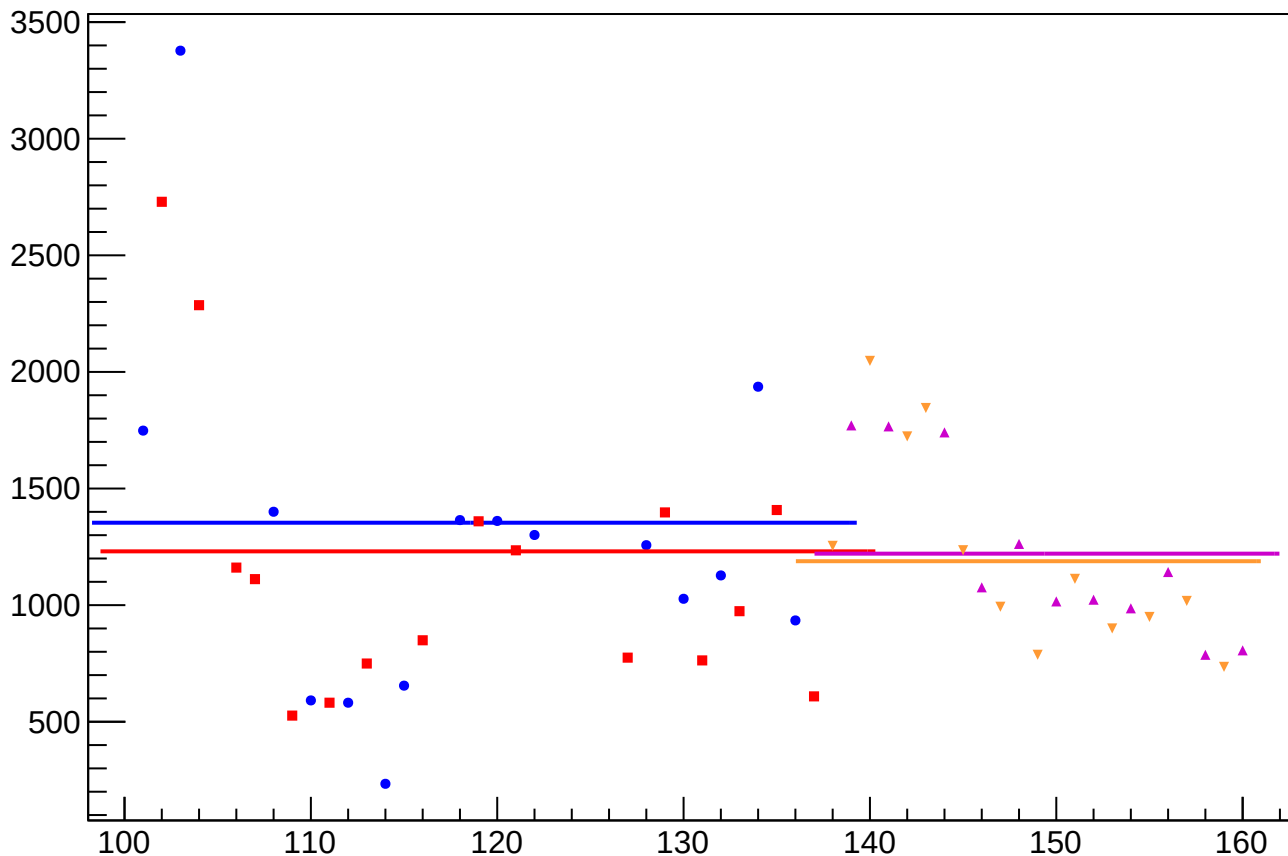
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam4_coil7_mean vs Slug



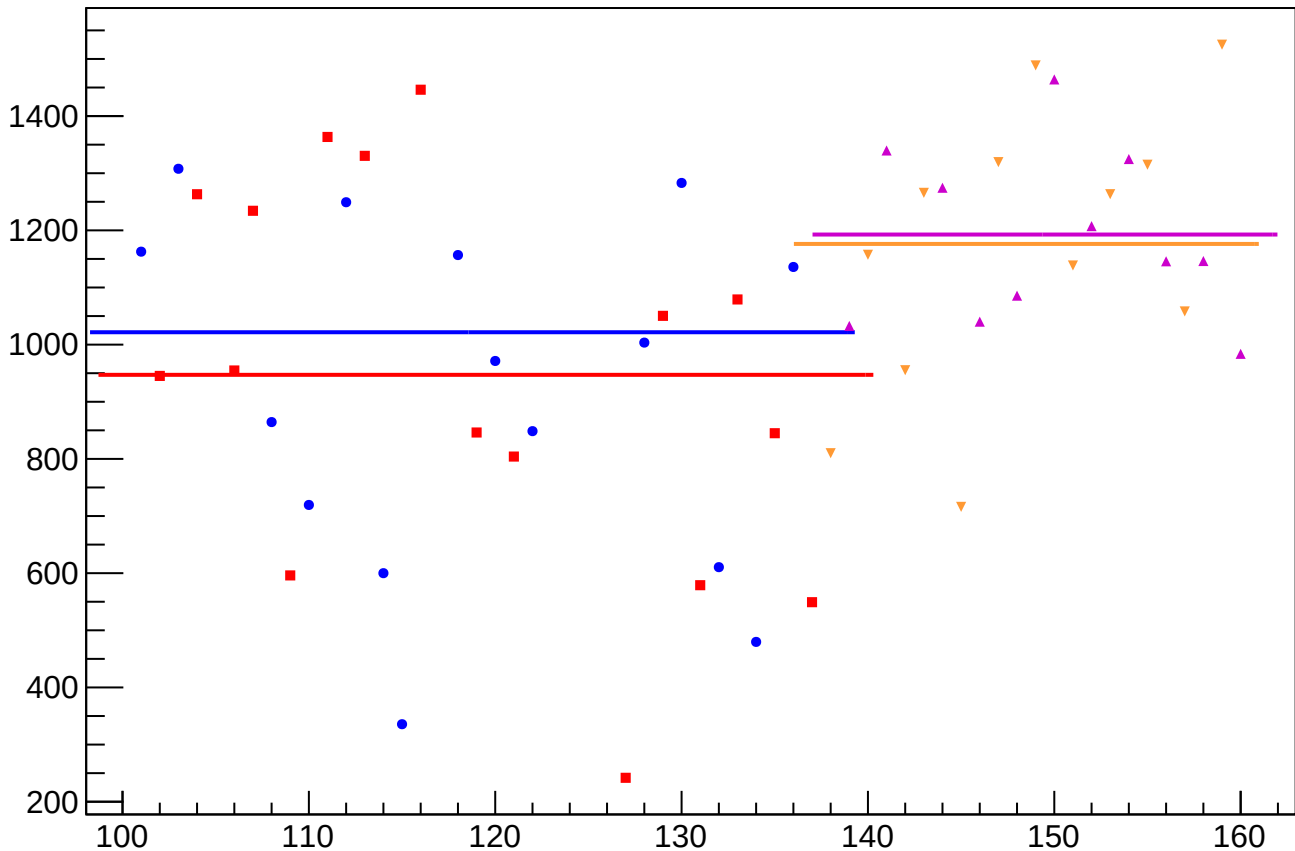
Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7254.077+/-0.000 χ^2/NDF : 2852558880492321663467062466027223777280.0/11
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10

dit_sam4_coil7_err_mean vs Slug



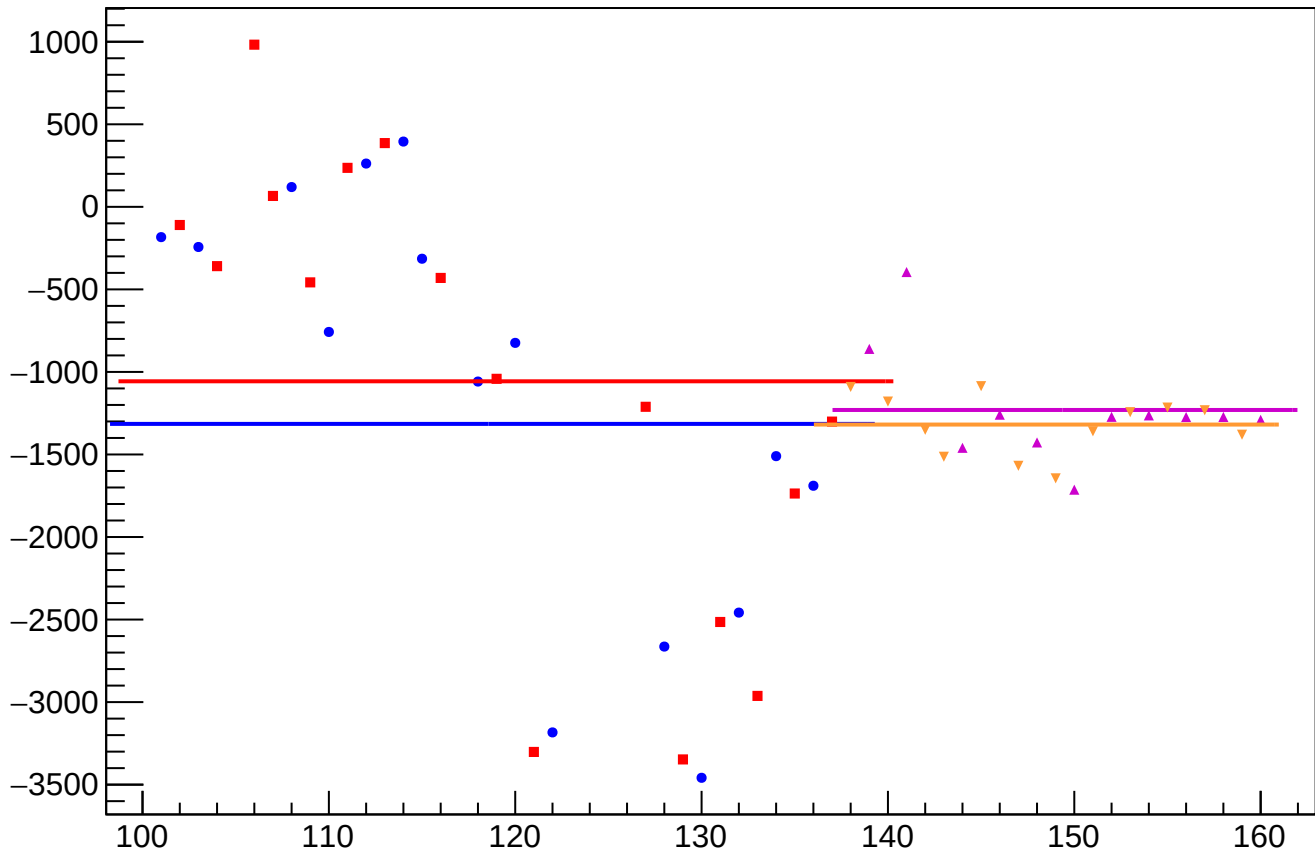
Right In: 1353.413 +/- 0.000 $\chi^2/\text{NDF} = 352887966702770713373861839880553758720.0/14$
 Left Out: 1188.374 +/- 0.000 $\chi^2/\text{NDF} = 150388636614326916750918220287509004288.0/11$
 Right Out: 1230.633 +/- 0.000 $\chi^2/\text{NDF} = 276989454129150005656872744539903754240.0/15$
 Left In: 1220.761 +/- 0.000 $\chi^2/\text{NDF} = 116296897250486719965341990830940880896.0/10$

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

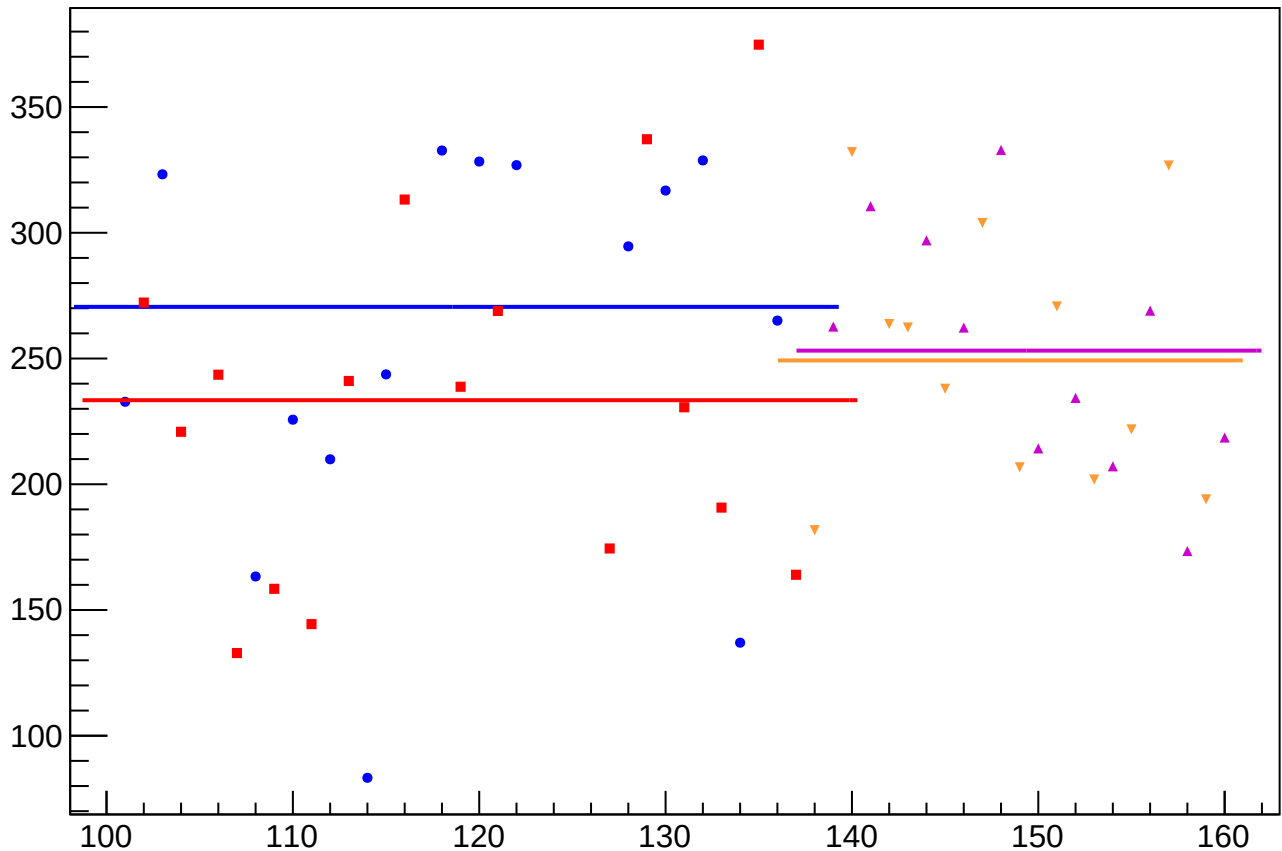
dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000	χ^2/NDF : 966082368518203481544021644405645508608.0/14
Left Out: -1318.814+/-0.000	χ^2/NDF : 28738856775554340954745144784441049088.0/11
Right Out: -1056.765+/-0.000	χ^2/NDF : 1127141594187417021949832477353286041600.0/15
Left In: -1230.430+/-0.000	χ^2/NDF : 100431691068850056086409132460520505344.0/10

+ sign -1317.143+/-0.000 χ^2/NDF : 9948274030867
 All: -1236.752+/-0.000 χ^2/NDF : 2254165779
 - sign -1157.624+/-0.000 χ^2/NDF : 12392561616784

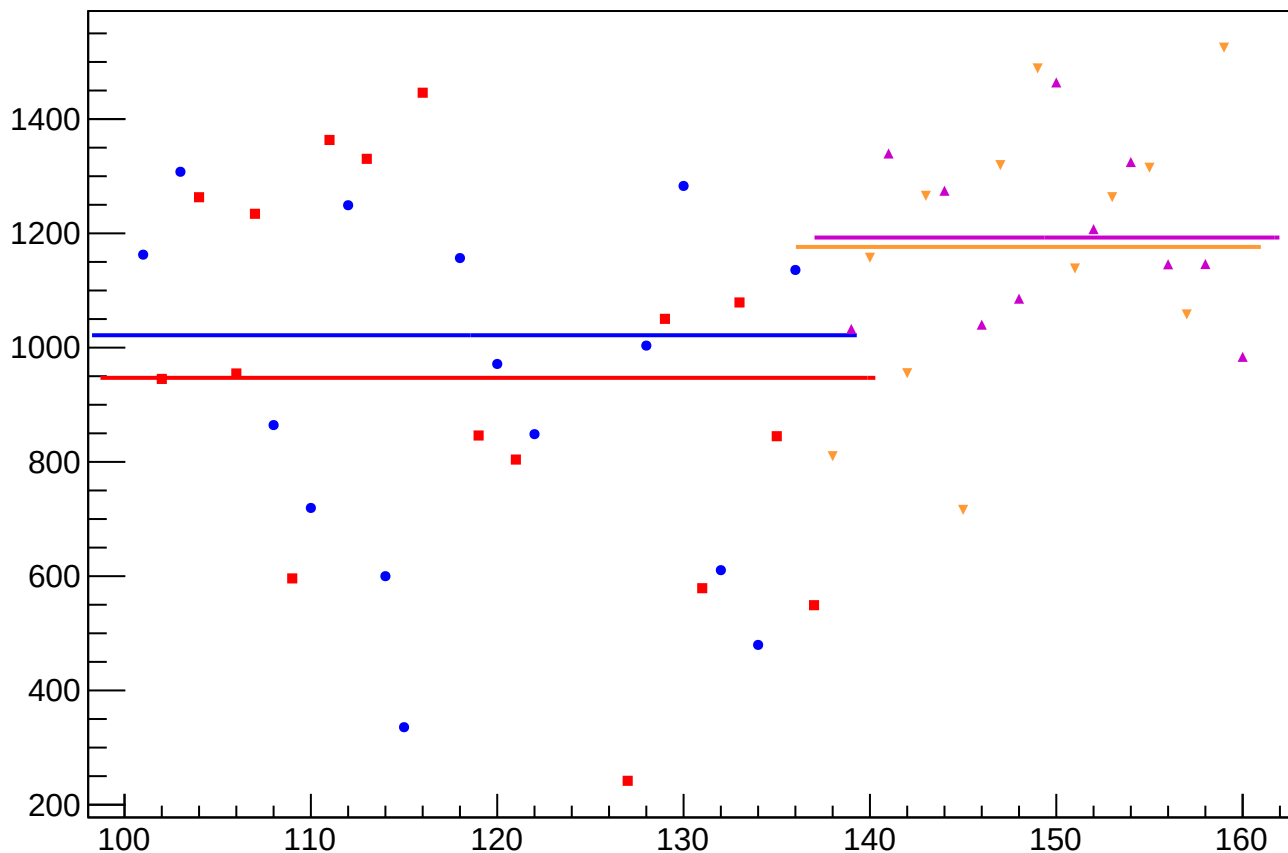
dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 249.237+/-0.000	χ^2/NDF : 2339906474360292493064044354333573120.0/11
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 253.145+/-0.000	χ^2/NDF : 1980196841930298045035907903943344128.0/10

+ sign 258.065+/-0.000 χ^2/NDF : 498617836977836
 All: 251.418+/-0.000 χ^2/NDF : 103028886736
 - sign 244.876+/-0.000 χ^2/NDF : 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

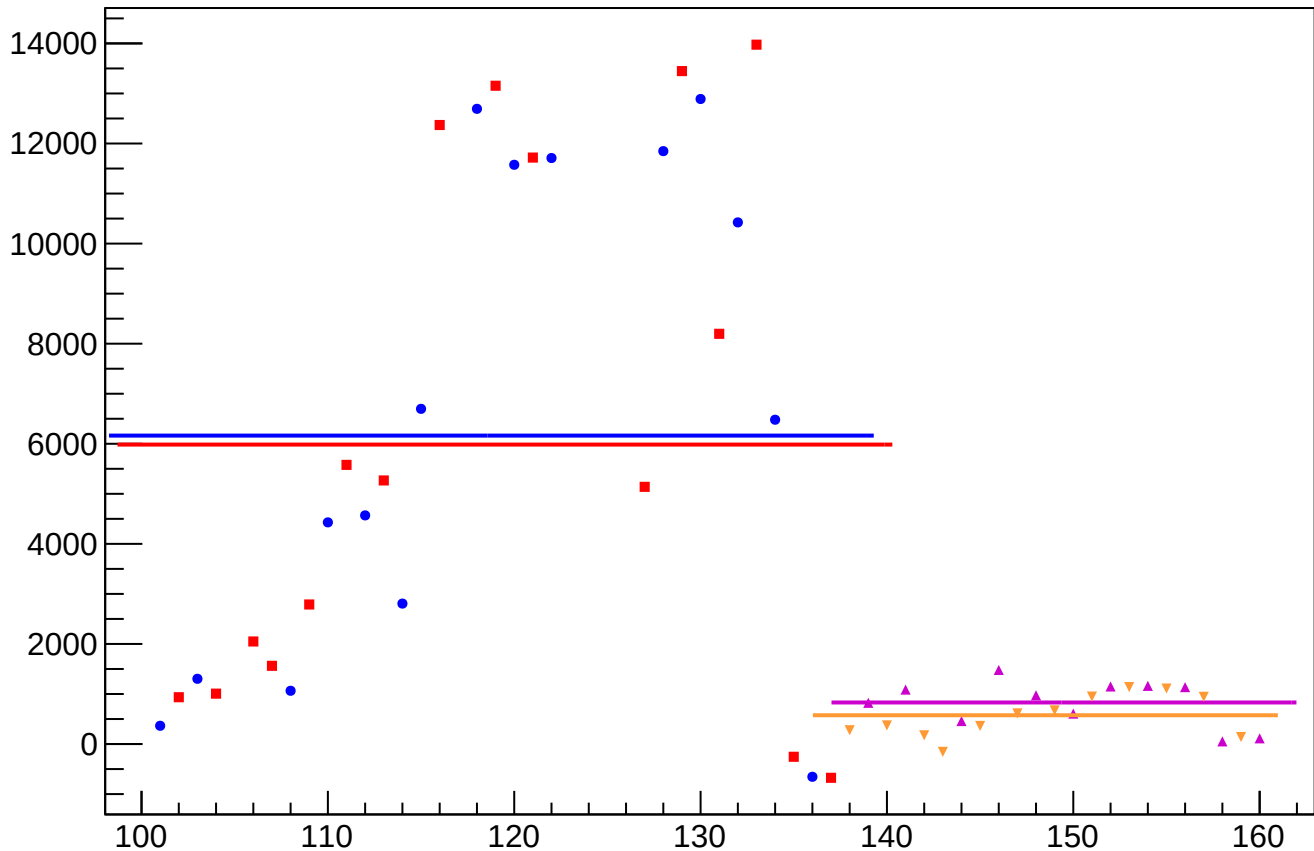
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1112.188 $\pm$ 0.000 χ^2 /NDF: 10292693819422

All: 1100.879 $\pm$ 0.000 χ^2 /NDF: 21371922767

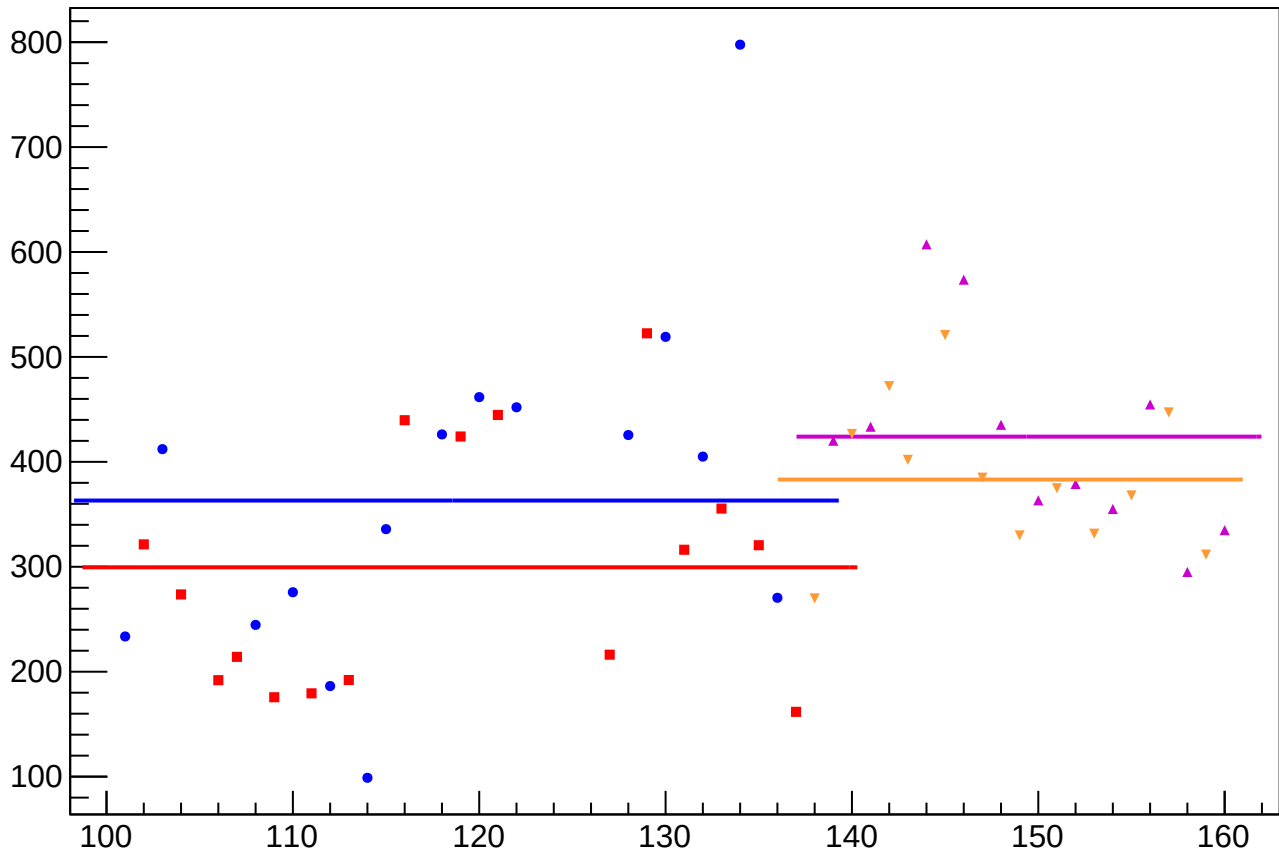
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam6_coil7_mean vs Slug



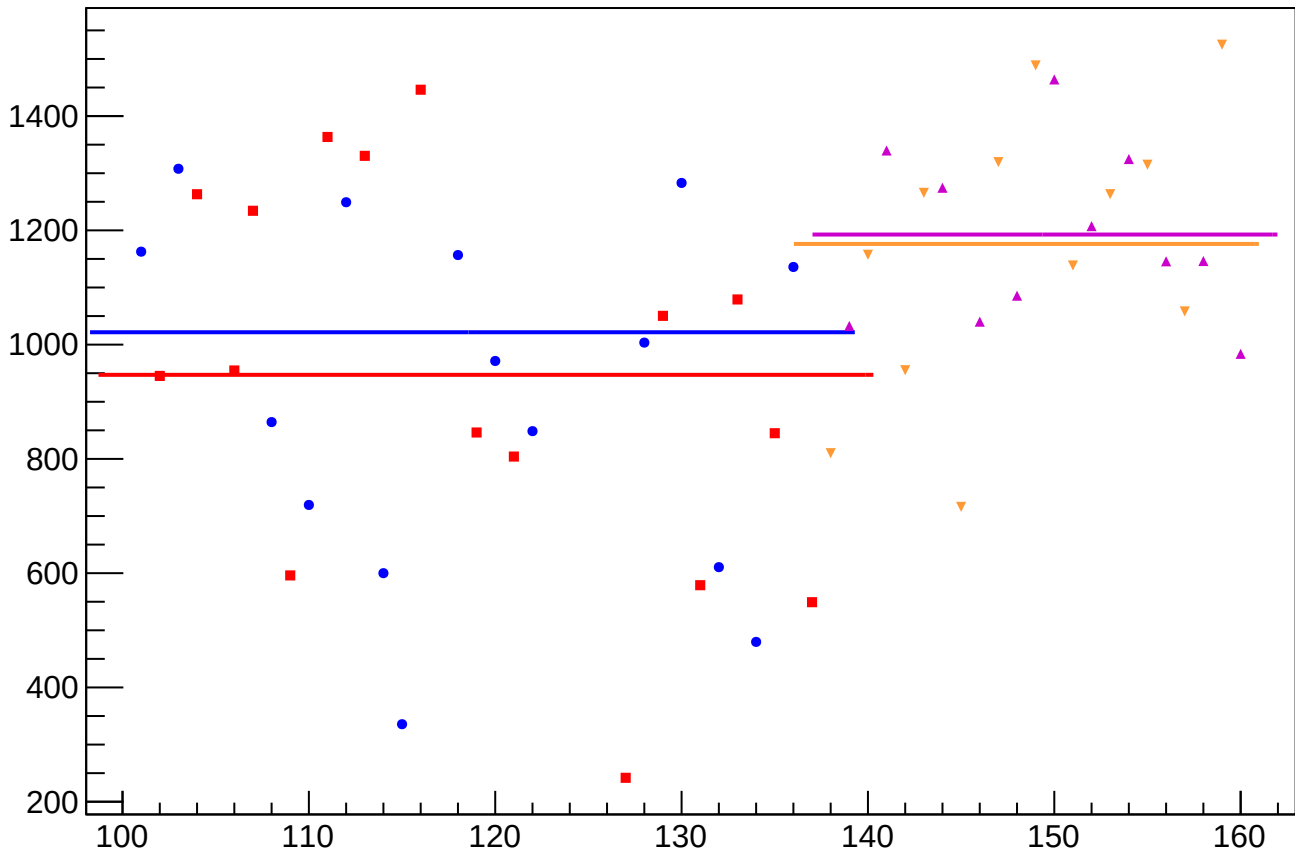
Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 575.396+/-0.000 χ^2/NDF : 144552913228066781625188443355564998656.0/11
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10

dit_sam6_coil7_err_mean vs Slug



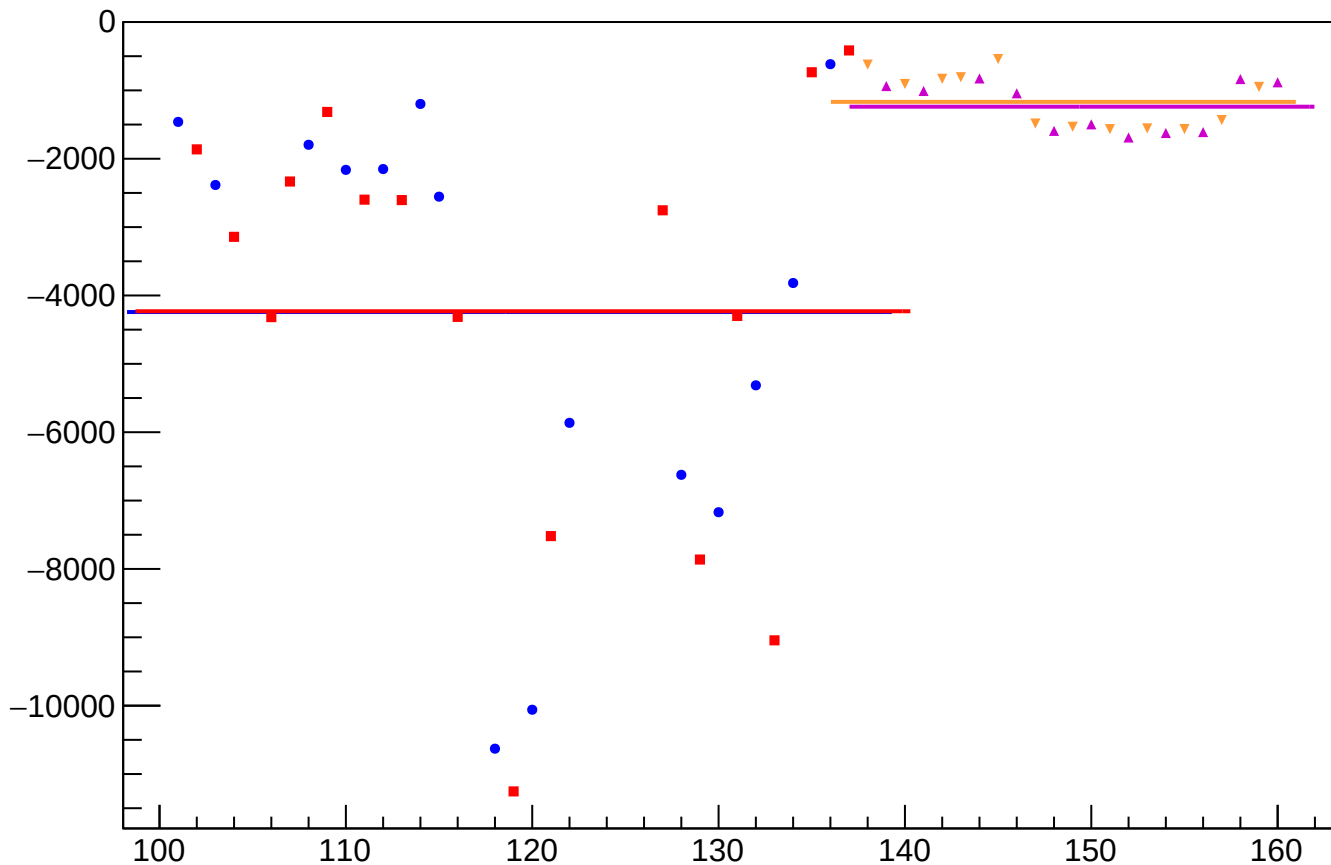
Right In: 363.133 +/- 0.000 $\chi^2/\text{NDF} = 11502791697076456426435998277995331584.0/14$
 Left Out: 383.139 +/- 0.000 $\chi^2/\text{NDF} = 4300109581526268747828208718091124736.0/11$
 Right Out: 299.514 +/- 0.000 $\chi^2/\text{NDF} = 7685497318744225218354652828984672256.0/15$
 Left In: 424.034 +/- 0.000 $\chi^2/\text{NDF} = 7812894231718086106241094868881375232.0/10$

dit_sam6_coil7_Ndata_mean vs Slug



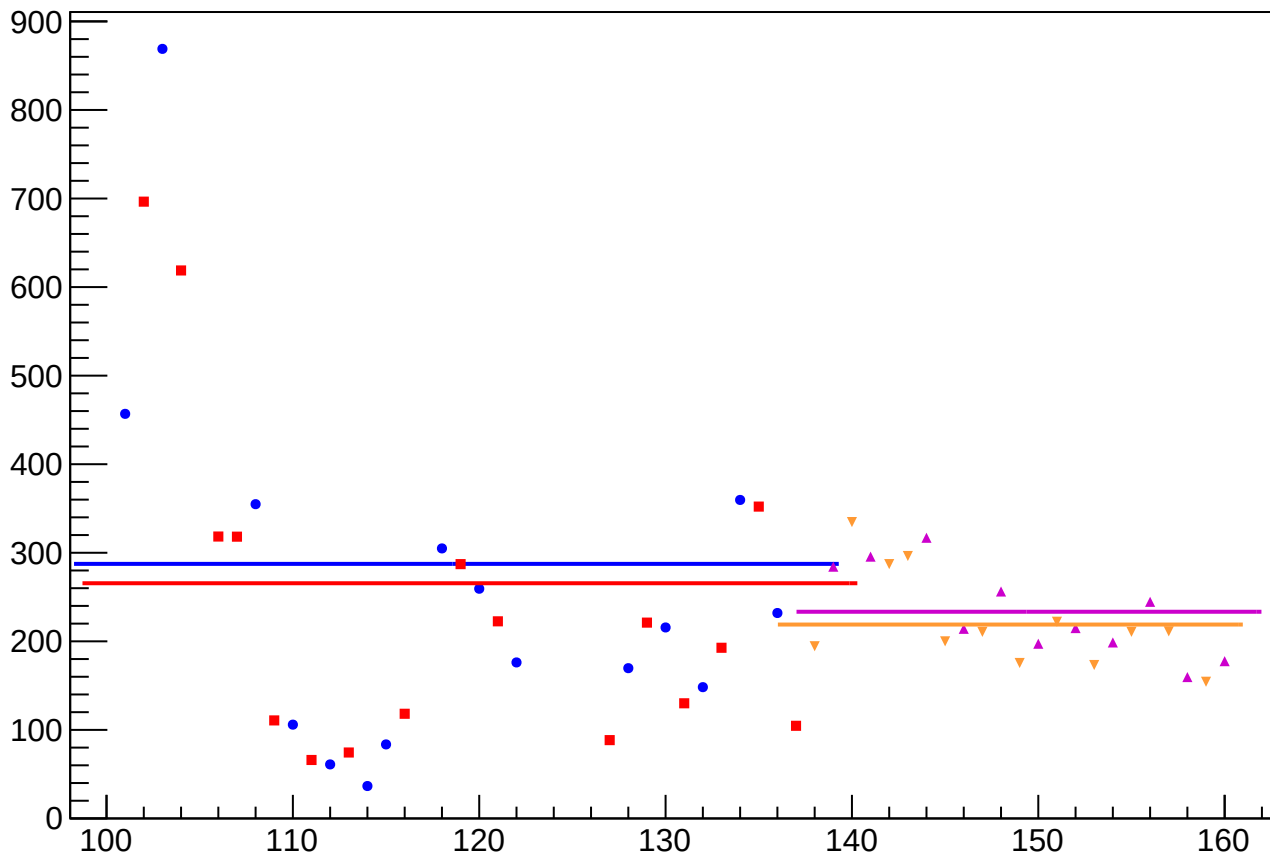
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam7_coil7_mean vs Slug



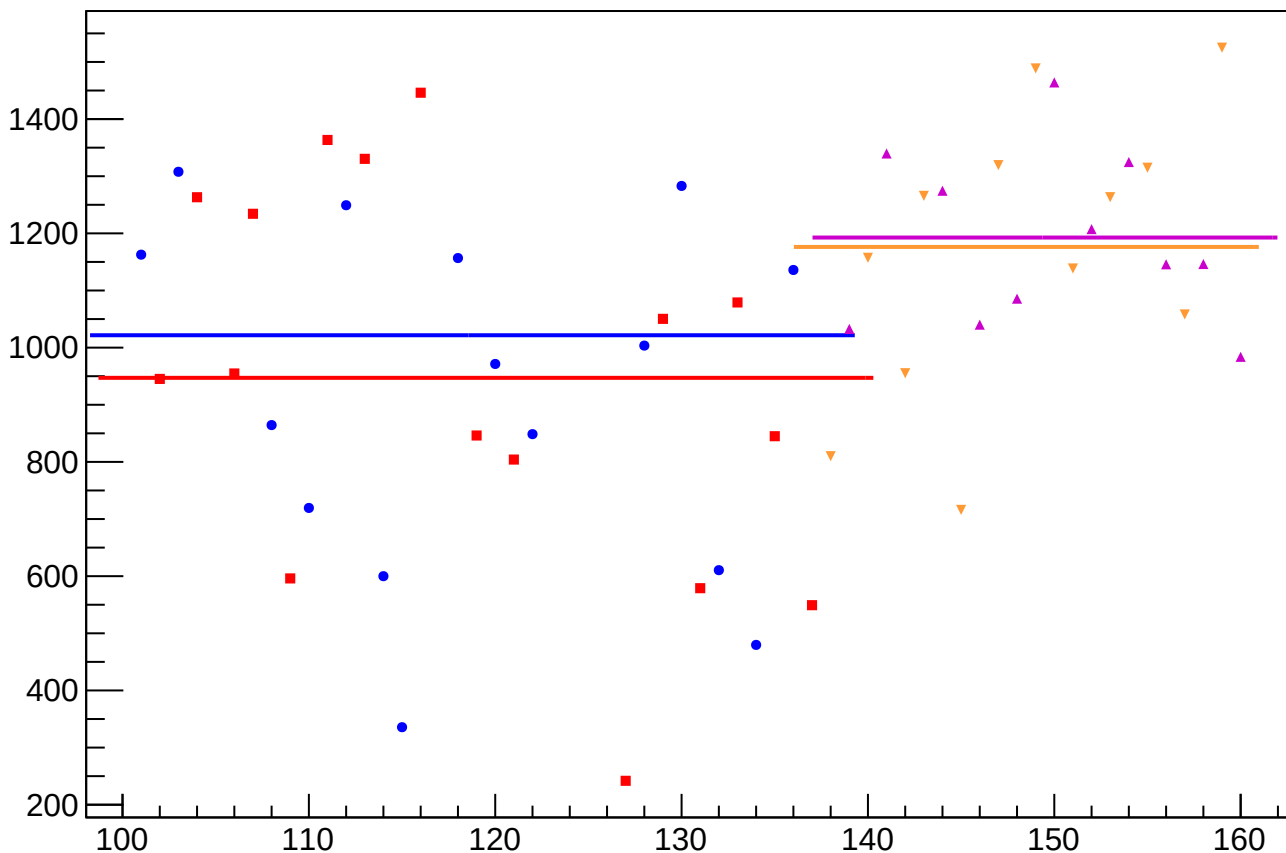
Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -1167.950+/-0.000 χ^2/NDF : 140593267041981181070281289588583432192.0/11
 Right Out: -4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: -1238.776+/-0.000 χ^2/NDF : 111339045659652616720712870833504124928.0/10

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14
 Left Out: 218.953+/-0.000 χ^2/NDF : 2475213997163419950481199473566416896.0/11
 Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15
 Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

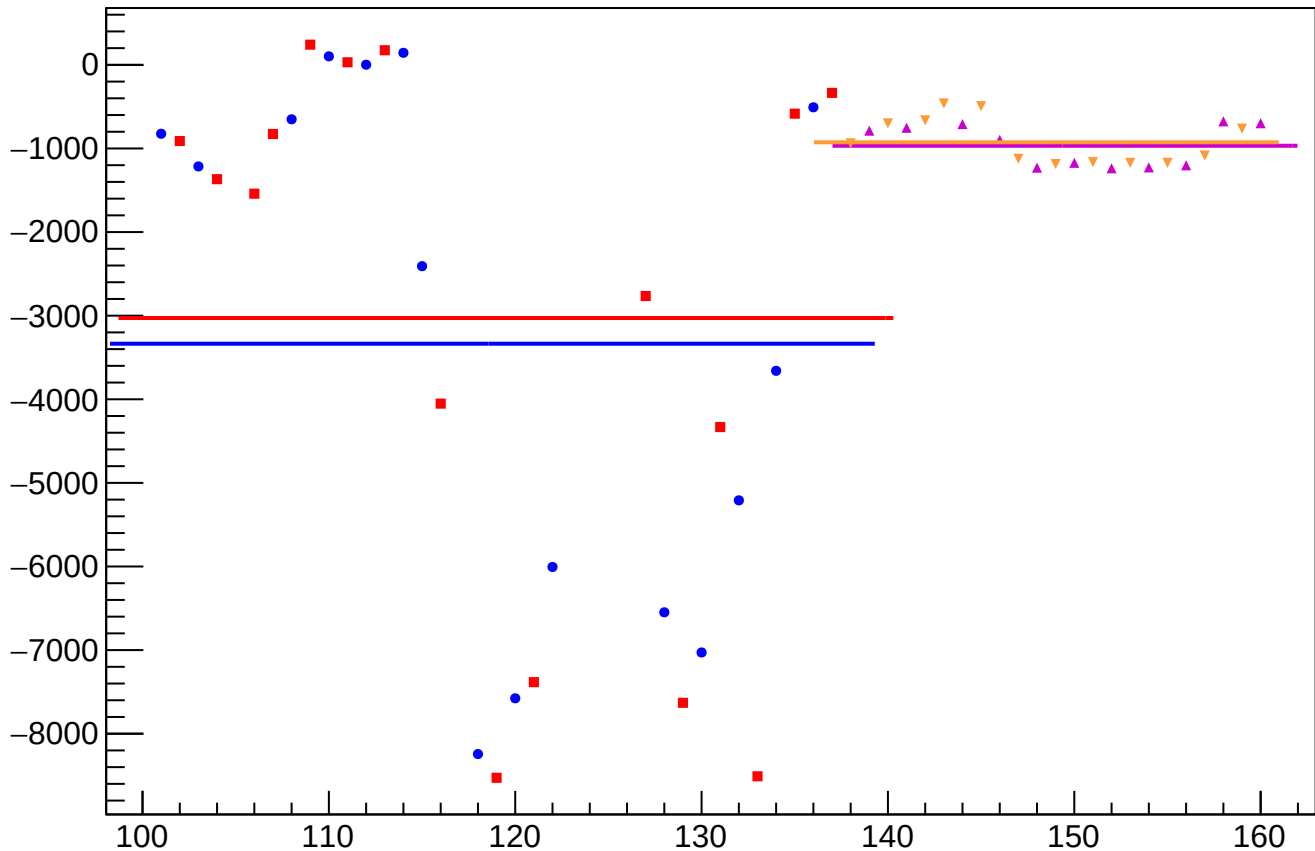
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF : 10292693819422

All: 1100.879+/-0.000 χ^2/NDF : 21371922767

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam8_coil7_mean vs Slug



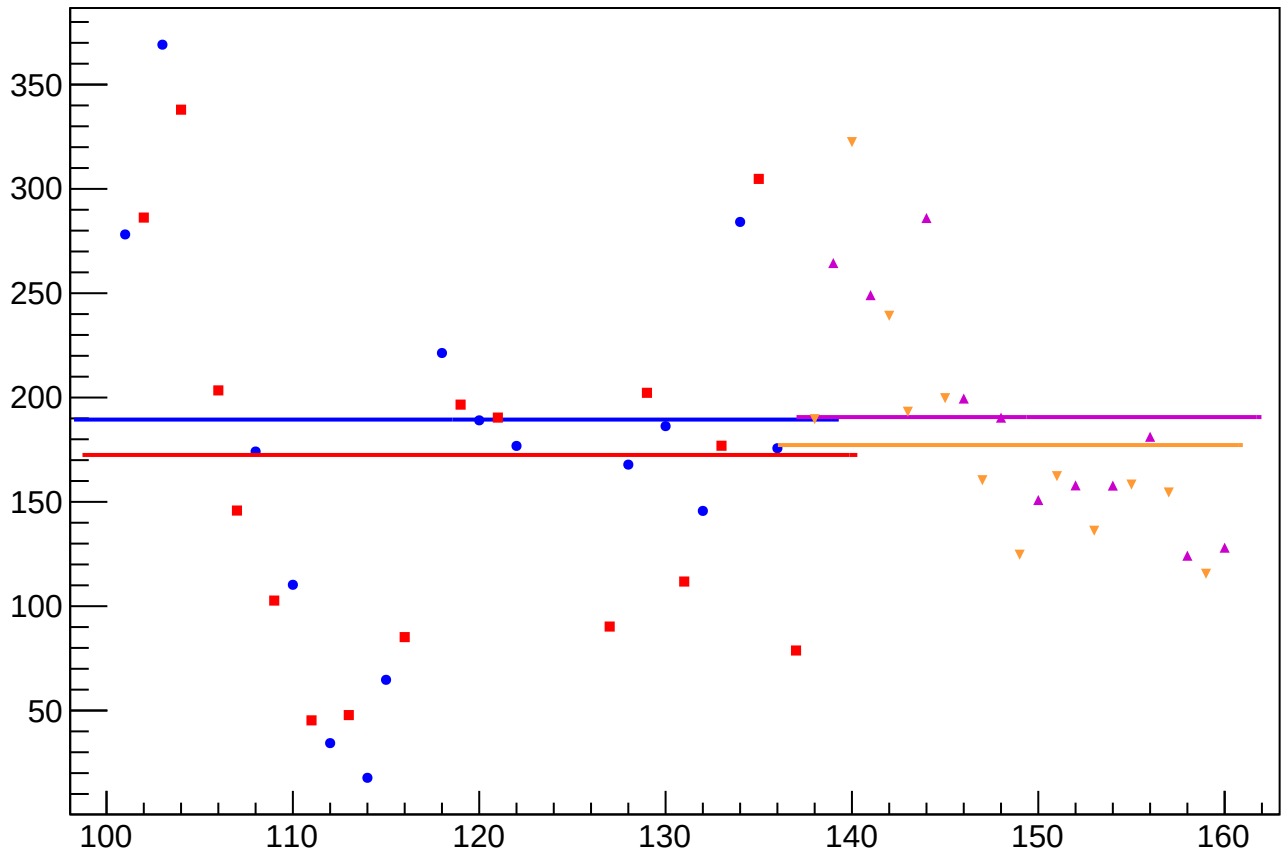
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14

Left Out: -925.824+/-0.000 χ^2/NDF : 64067799071771654441544775824759062528.0/11

Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15

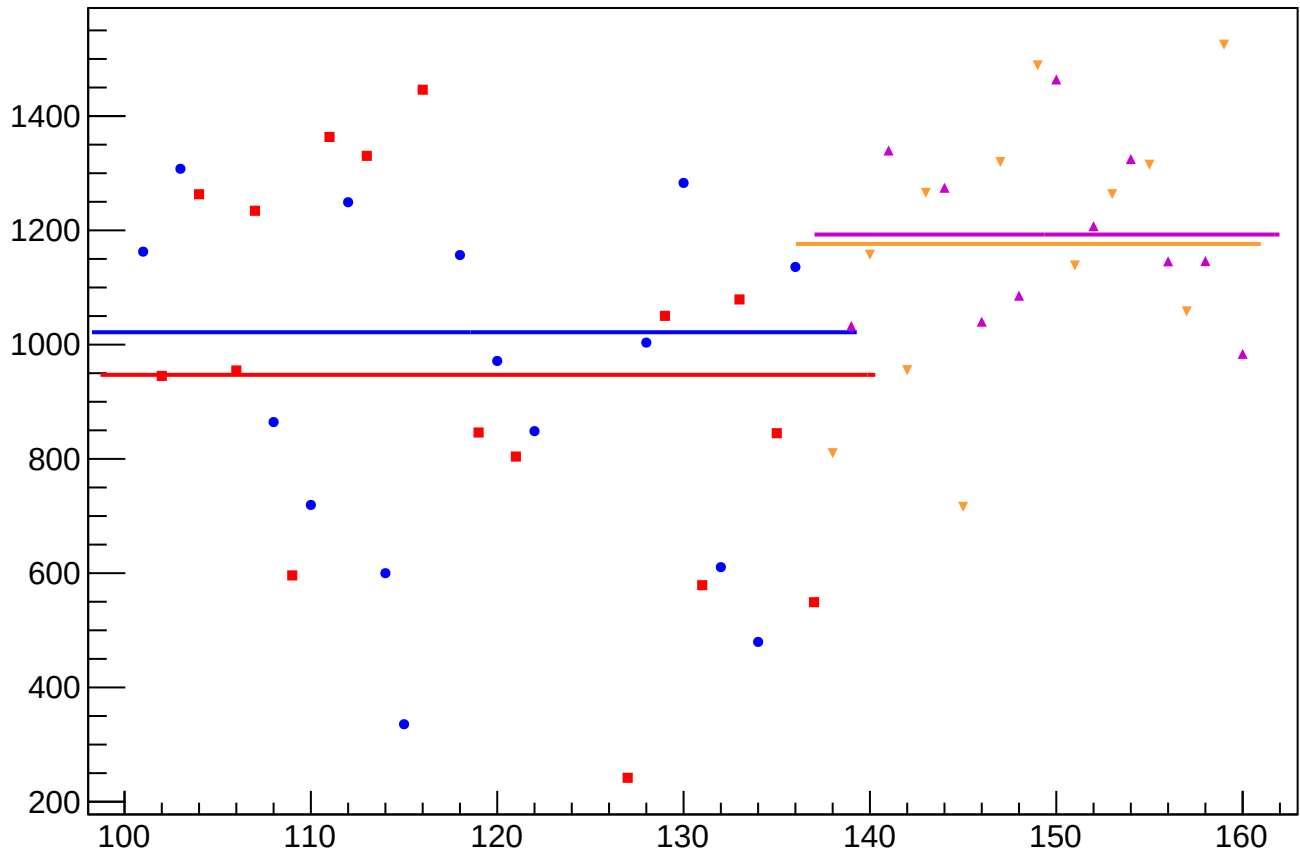
Left In: -967.568+/-0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

dit_sam8_coil7_err_mean vs Slug



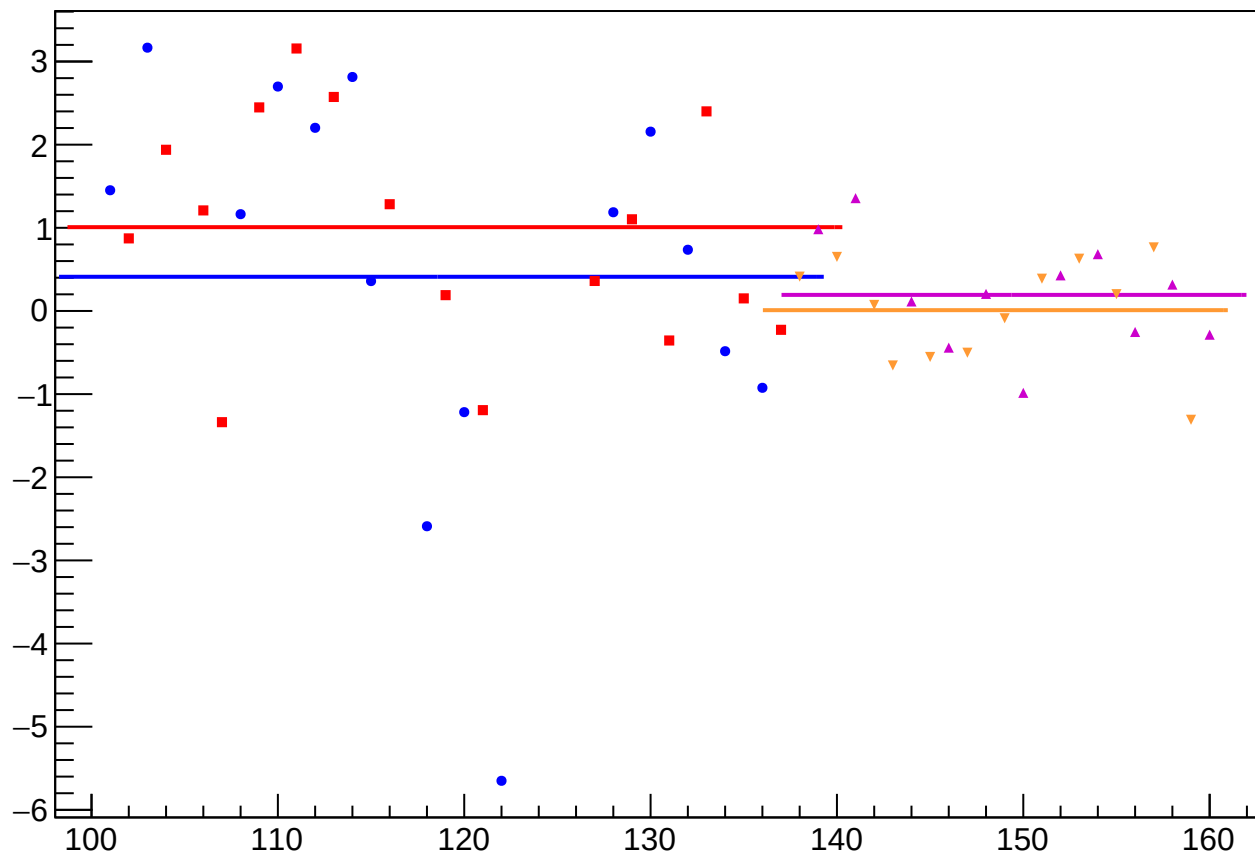
Right In: 189.442 $\pm$ 0.000	χ^2 /NDF: 4707234253929700721726064108794544128.0/14	+ sign 182.290 $\pm$ 0.000	χ^2 /NDF: 752760486130990
Left Out: 177.229 $\pm$ 0.000	χ^2 /NDF: 2763689981014700365307320120704499712.0/11	All: 182.663 $\pm$ 0.000	χ^2 /NDF: 157866193823
Right Out: 172.485 $\pm$ 0.000	χ^2 /NDF: 5594813408996728261938711470404534272.0/15	- sign 183.029 $\pm$ 0.000	χ^2 /NDF: 825858339211044
Left In: 190.641 $\pm$ 0.000	χ^2 /NDF: 2536070386684067132001548898091925504.0/10		

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1176.242 $\pm$ 0.000 χ^2 /NDF: 53355525796592022882385023198883217408.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000

χ^2/NDF : 3385573506255563170053089820409856.0/14

Left Out: 0.010+/-0.000

χ^2/NDF : 353620786406369007663734375579648.0/11

Right Out: 1.008+/-0.000

χ^2/NDF : 1128402228144096394498047410700288.0/15

Left In: 0.193+/-0.000

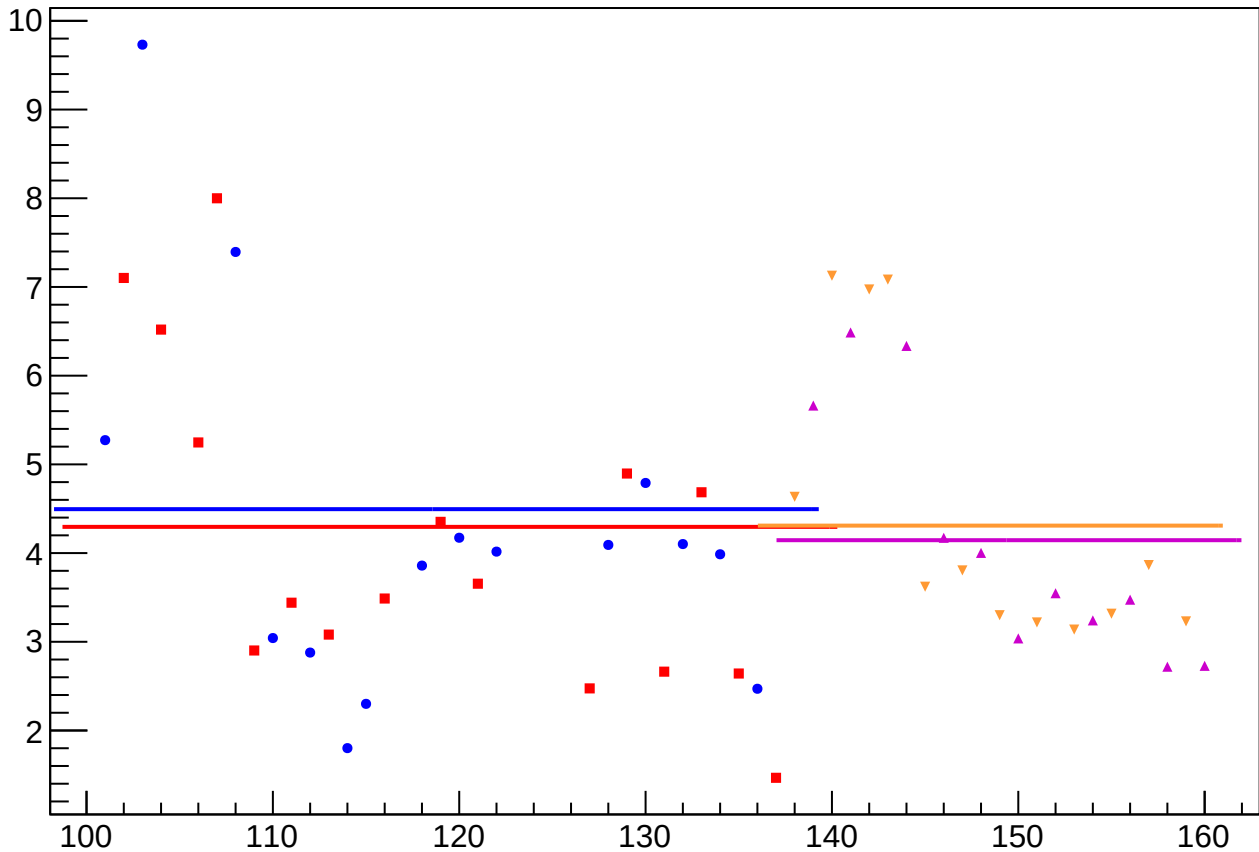
χ^2/NDF : 386133523330033860307880234713088.0/10

+ sign 0.176+/-0.000 χ^2/NDF : 38004936513775919

All: 0.357+/-0.000 χ^2/NDF : 56735972380782

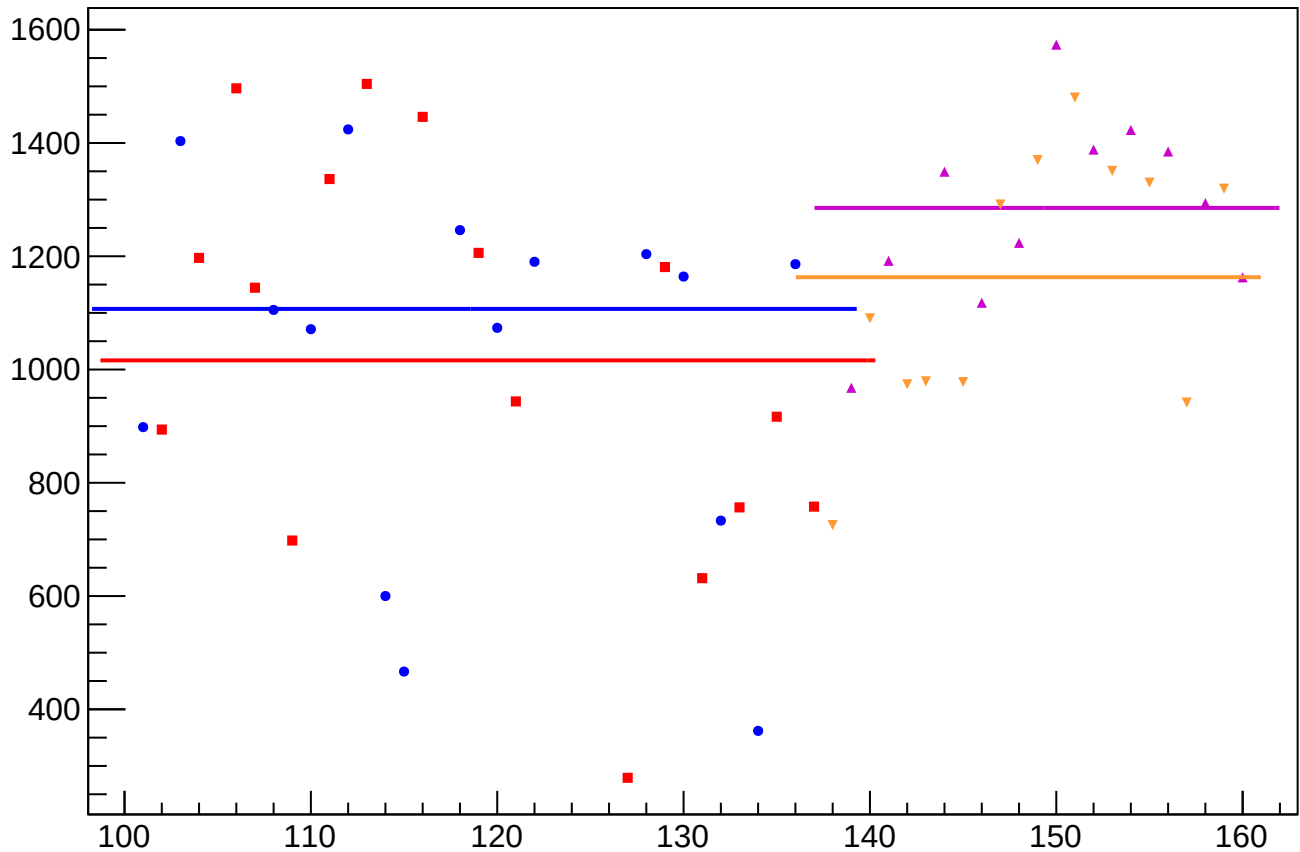
- sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 4.310 $\pm$ 0.000 χ^2 /NDF: 2040592298318690802405823572082688.0/11
 Right Out: 4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: 4.145 $\pm$ 0.000 χ^2 /NDF: 1645942604303349608571849827942400.0/10

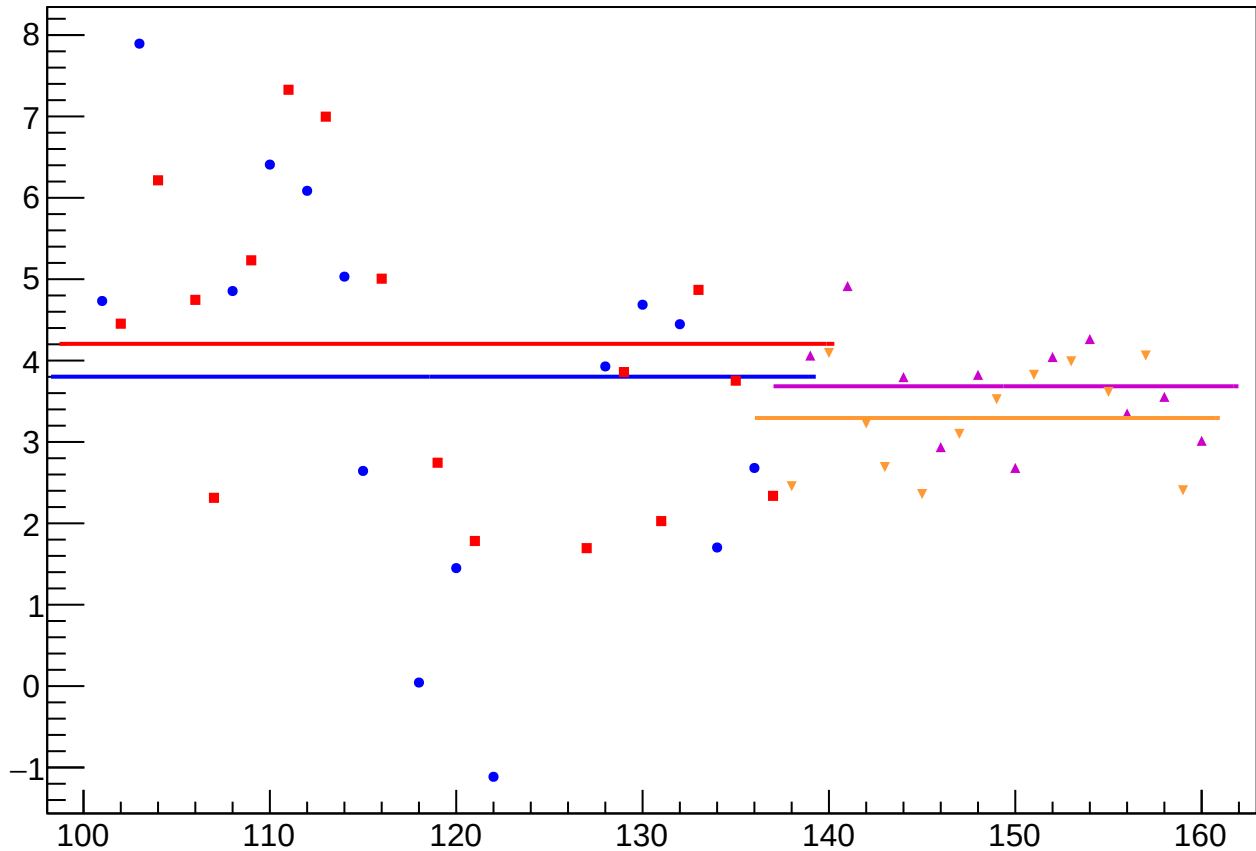
dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052 ± 0.000 $\chi^2/\text{NDF}: 40633831787810179240542210398269472768.0/14$
 Left Out: 1163.051 ± 0.000 $\chi^2/\text{NDF}: 45744768397049445452124121981603807232.0/11$
 Right Out: 1016.106 ± 0.000 $\chi^2/\text{NDF}: 72567664333509192712184310037150171136.0/15$
 Left In: 1285.364 ± 0.000 $\chi^2/\text{NDF}: 24002572803732345959736048095514853376.0/10$

+ sign 1139.844 ± 0.000 $\chi^2/\text{NDF}: 87570338044863$
 All: 1156.292 ± 0.000 $\chi^2/\text{NDF}: 21306550198$
 - sign 1172.482 ± 0.000 $\chi^2/\text{NDF}: 12465444911625$

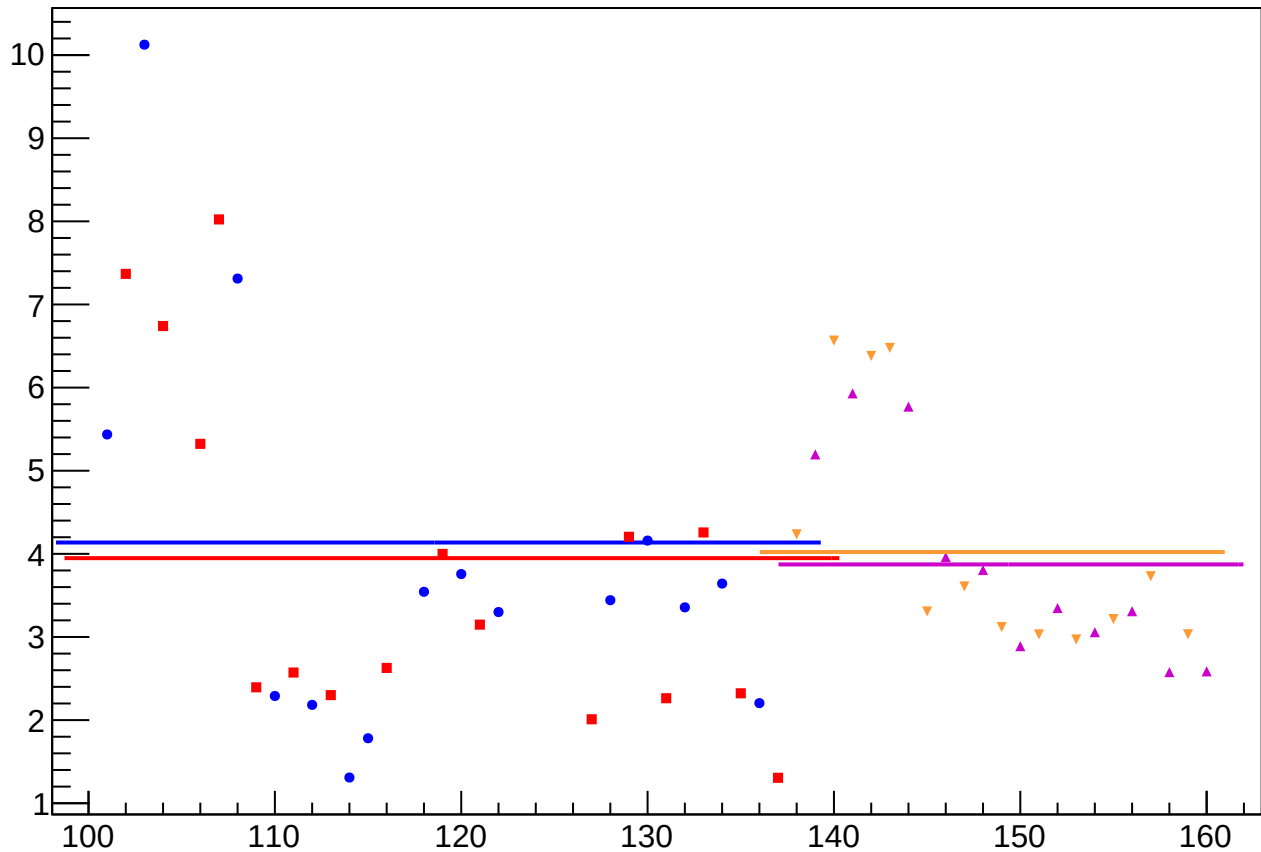
dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.295+/-0.000	χ^2/NDF : 390847239589673517583250386583552.0/11
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.684+/-0.000	χ^2/NDF : 366001419656422310601850072596480.0/10

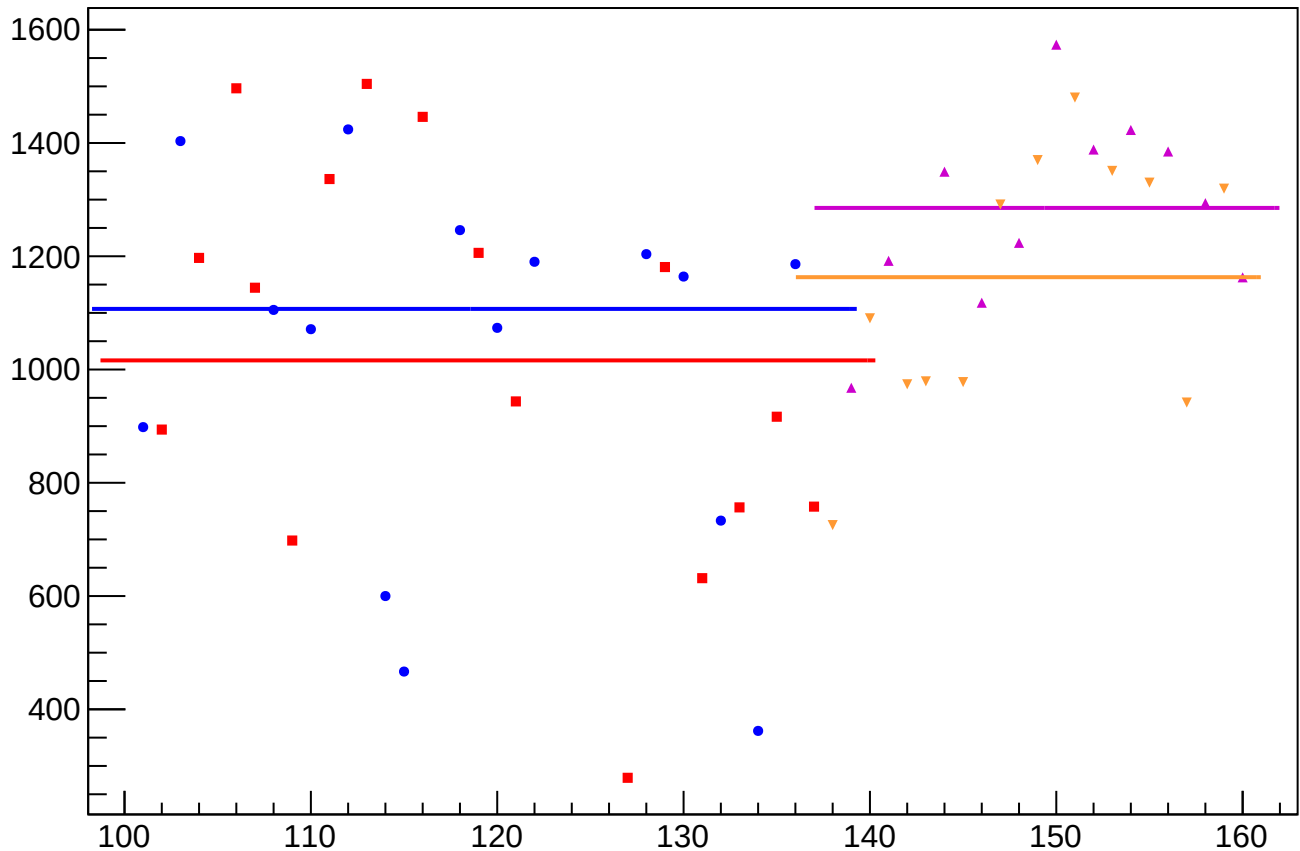
+ sign 3.505+/-0.000 χ^2/NDF : 42841263037328413
 All: 3.705+/-0.000 χ^2/NDF : 6976869183465
 - sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

dit_4eX_coil4_err_mean vs Slug



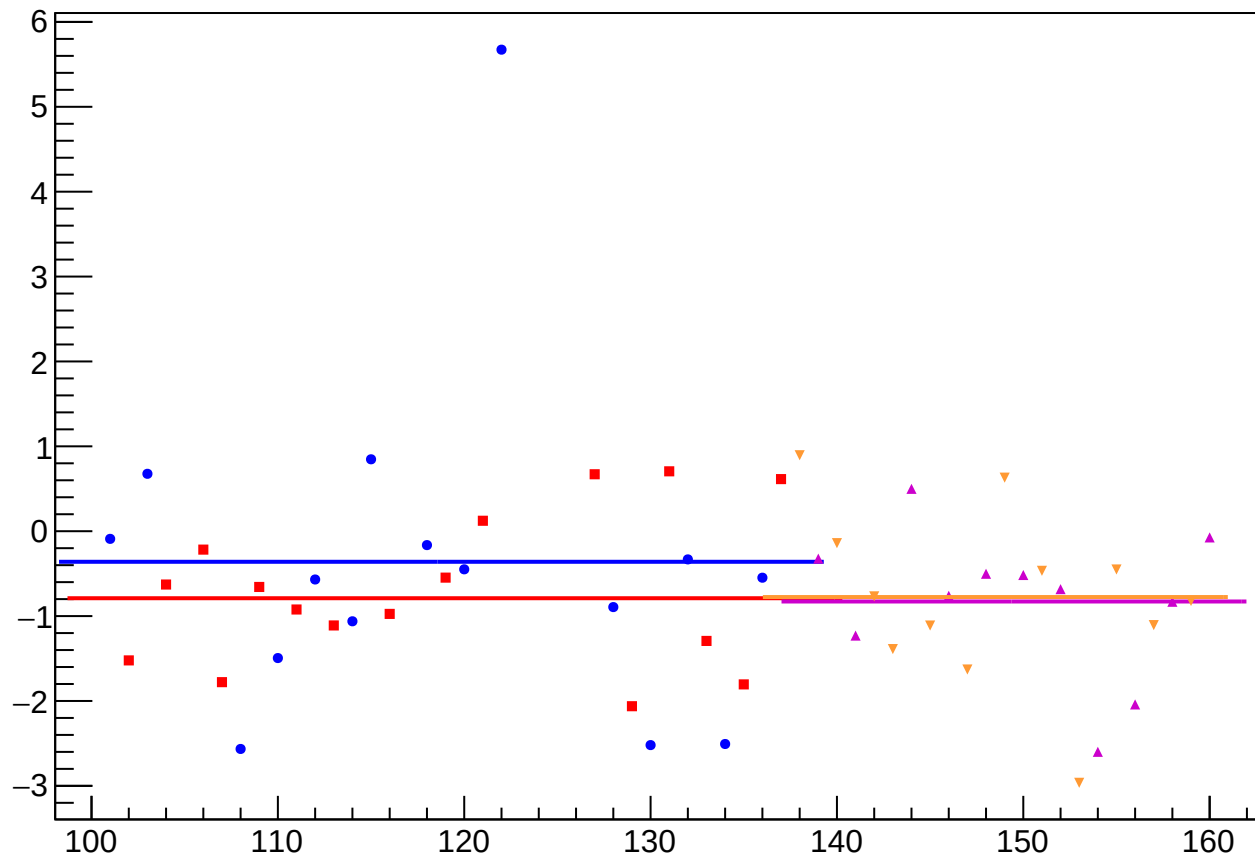
Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.022 ± 0.000 χ^2/NDF : 1623918055405441678672358958694400.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1139.844 $\pm$ 0.000	χ^2/NDF : 87570338044863
Left Out: 1163.051 $\pm$ 0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	All: 1156.292 $\pm$ 0.000	χ^2/NDF : 21306550198
Right Out: 1016.106 $\pm$ 0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1172.482 $\pm$ 0.000	χ^2/NDF : 12465444911625
Left In: 1285.364 $\pm$ 0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10		

dit_11X12X_coil4_mean vs Slug



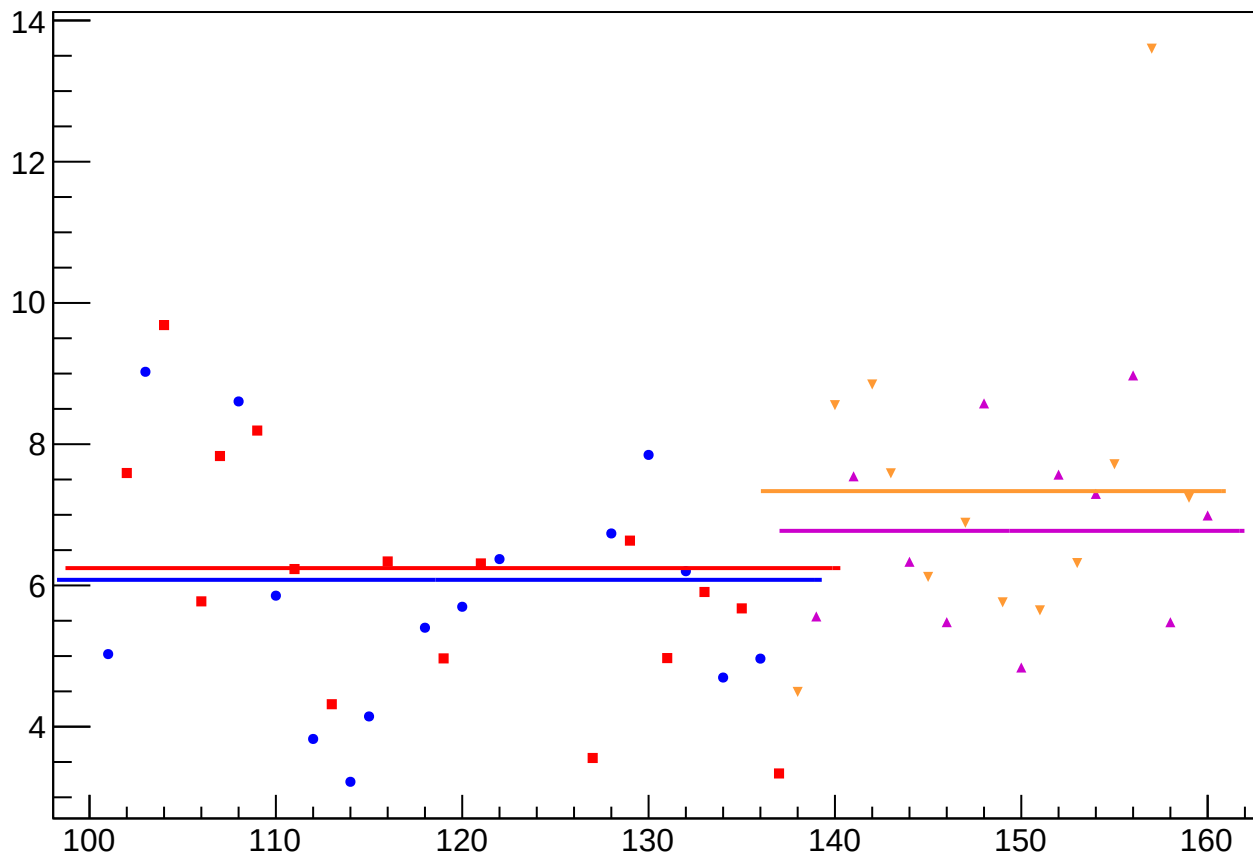
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.776+/-0.000 χ^2/NDF : 939757082215191020614021048958976.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

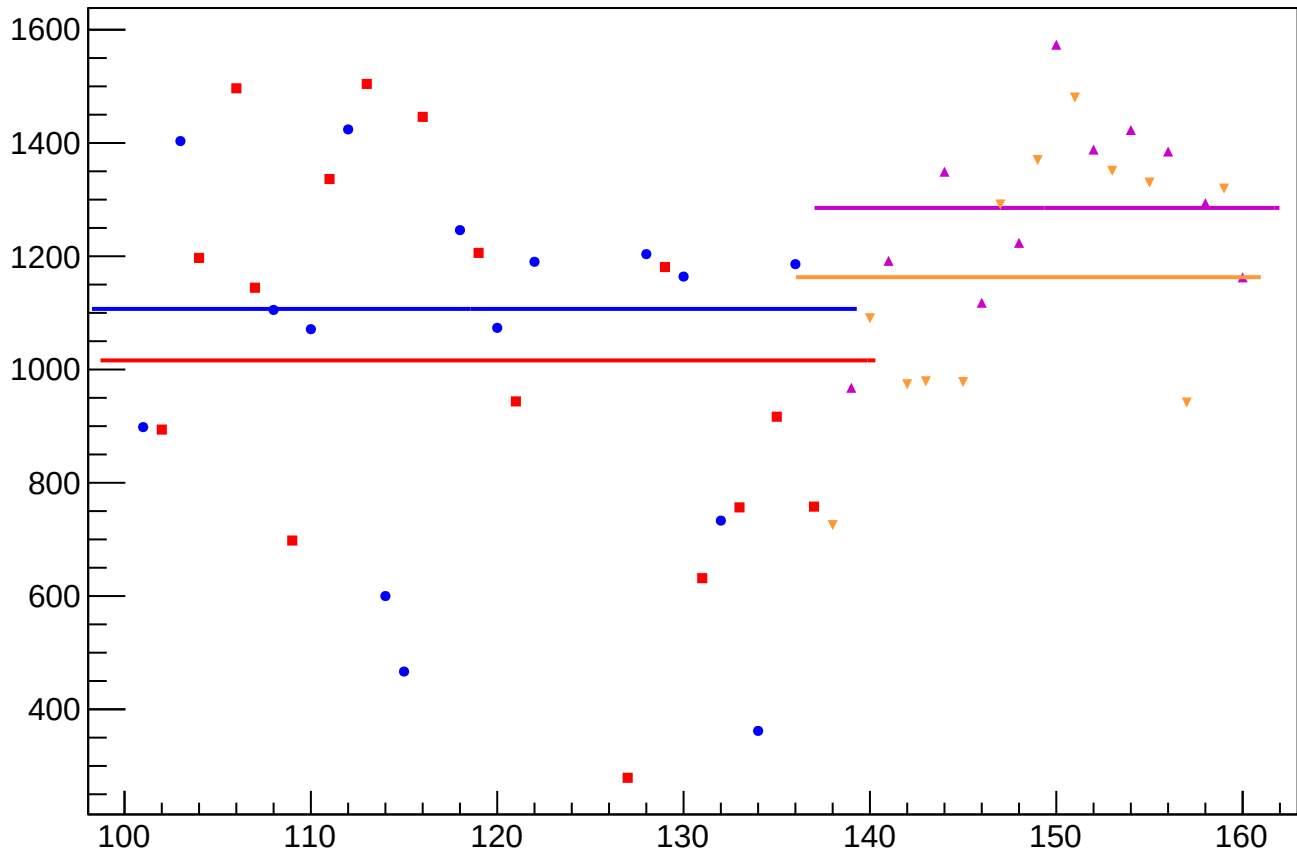
Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

dit_11X12X_coil4_err_mean vs Slug



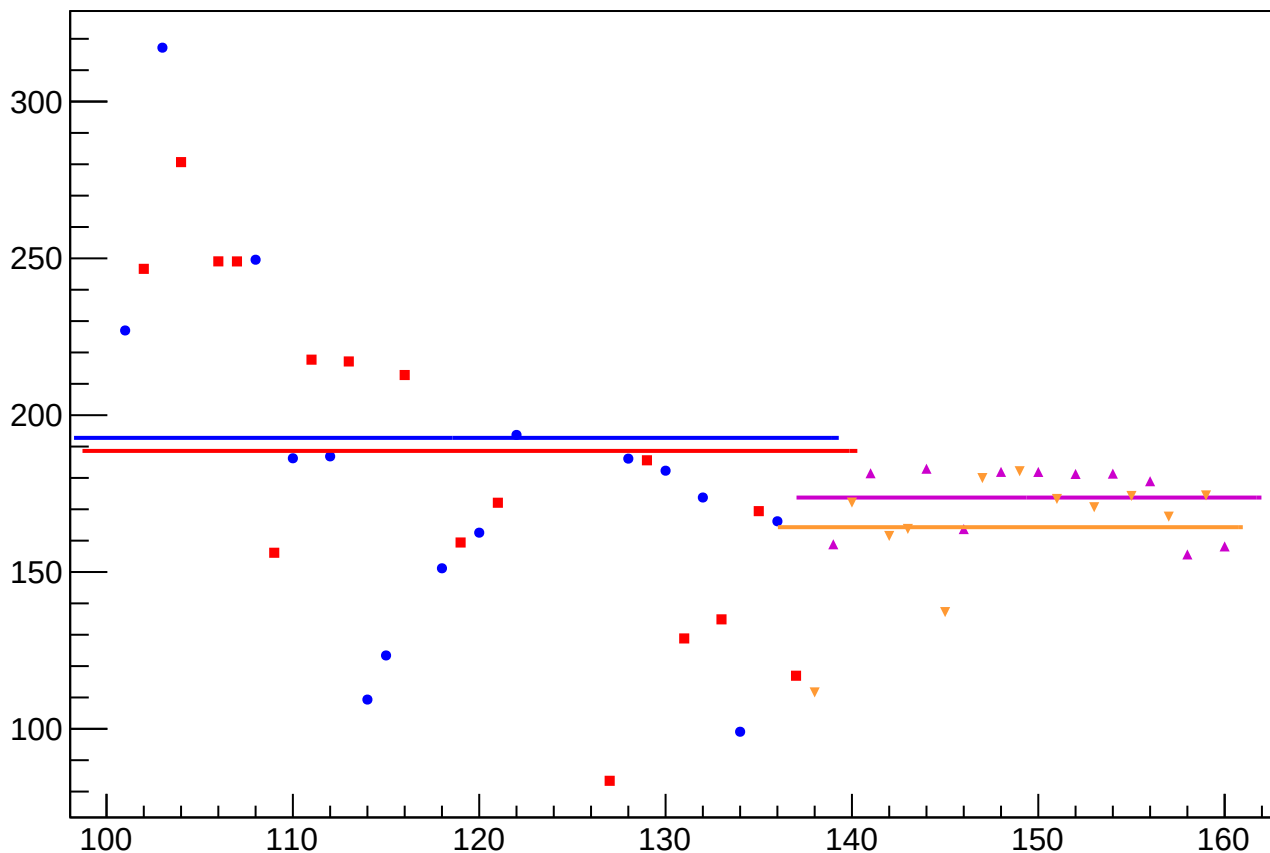
Right In: 6.079 ± 0.000	χ^2/NDF : 1590295171022705157509900448825344.0/14	+ sign 6.815 ± 0.000	χ^2/NDF : 68155259084856645
Left Out: 7.336 ± 0.000	χ^2/NDF : 4625628833201139991267353991053312.0/11	All: 6.682 ± 0.000	χ^2/NDF : 10340427820903
Right Out: 6.245 ± 0.000	χ^2/NDF : 1816529163105006938510976985595904.0/15	- sign 6.552 ± 0.000	χ^2/NDF : 34702547921187787
Left In: 6.773 ± 0.000	χ^2/NDF : 1545880653062872635060205832372224.0/10		

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1139.844+/-0.000	χ^2/NDF : 87570338044863
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	All: 1156.292+/-0.000	χ^2/NDF : 21306550198
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1172.482+/-0.000	χ^2/NDF : 12465444911625
Left In: 1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10		

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 164.293+/-0.000 χ^2/NDF : 353830120963940060605794212550541312.0/11

Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

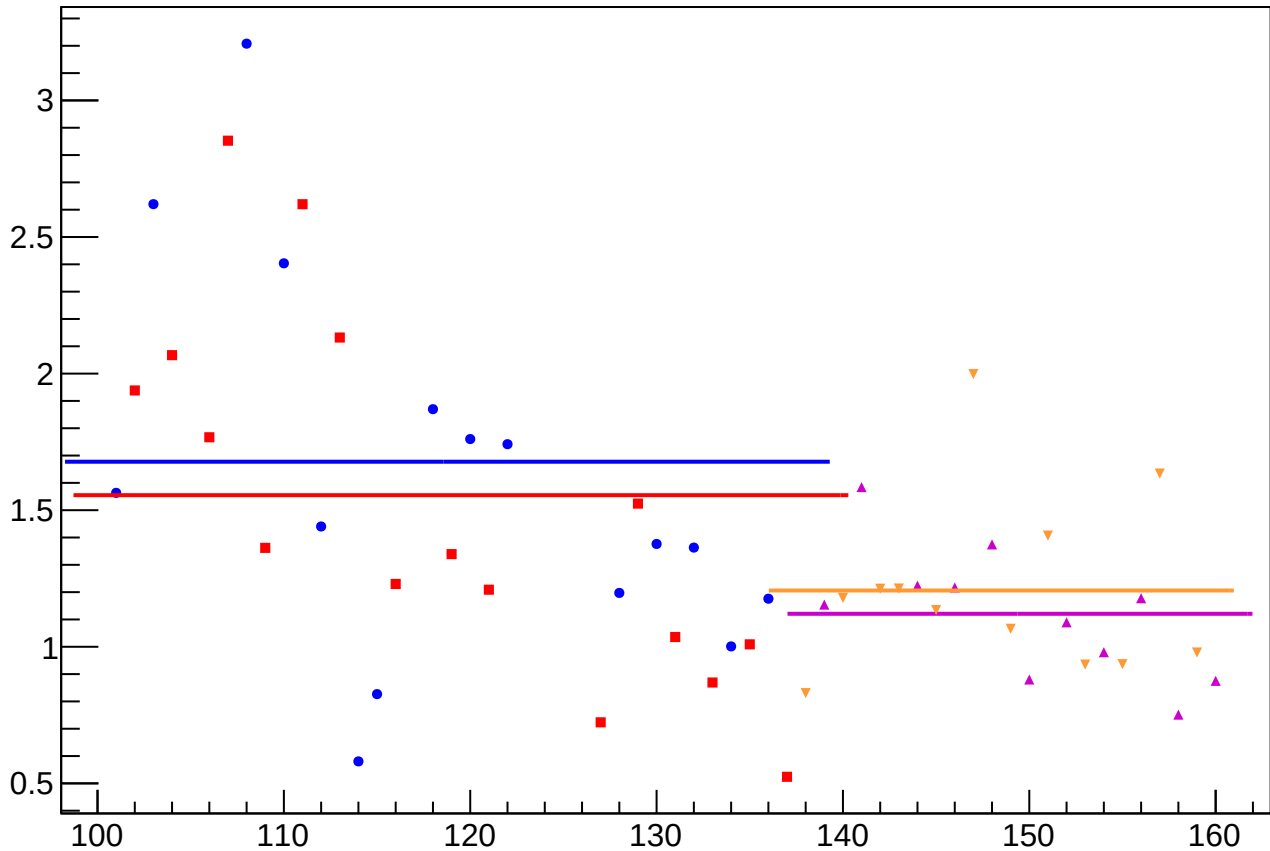
Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

+ sign 176.095+/-0.000 χ^2/NDF : 230260901406877

All: 178.050+/-0.000 χ^2/NDF : 443008441109

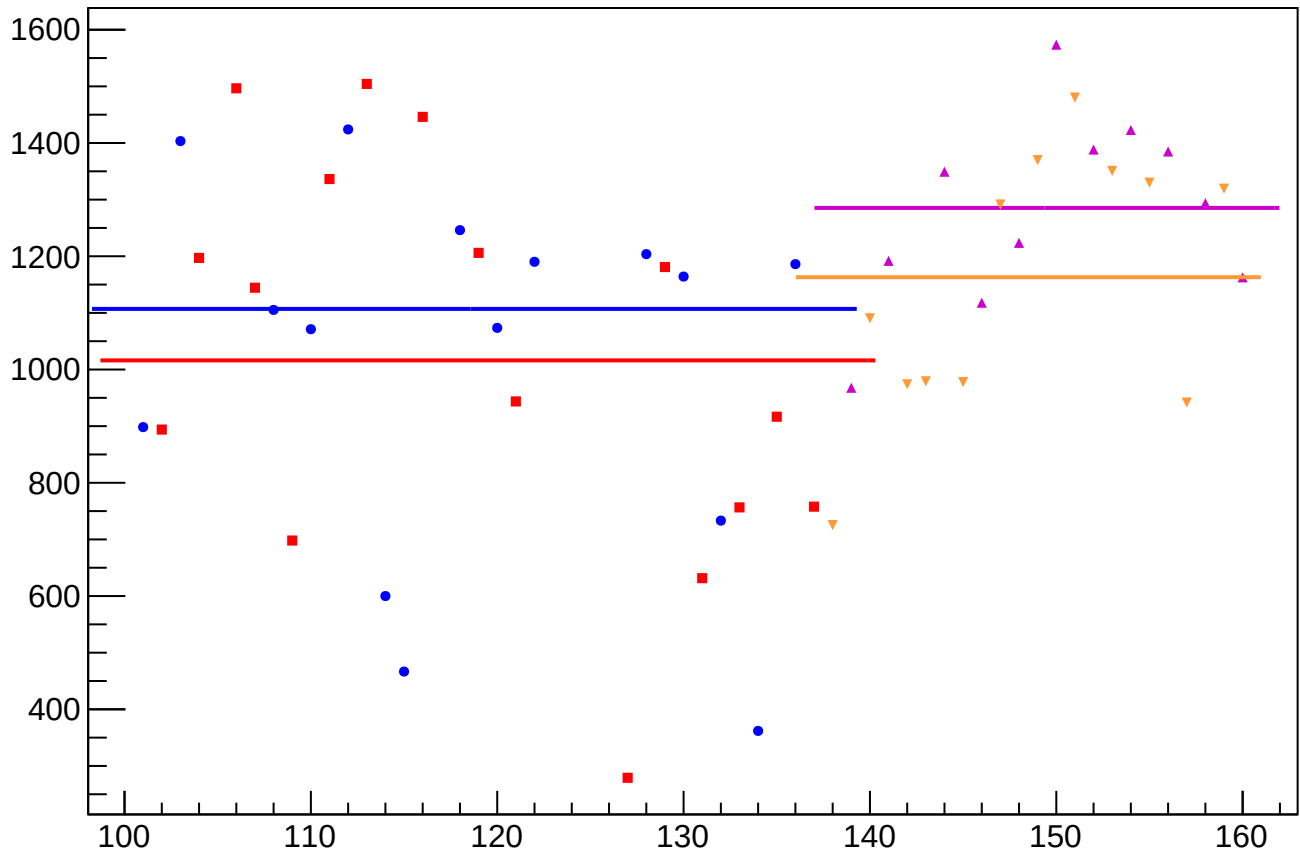
- sign 179.974+/-0.000 χ^2/NDF : 211560304537061

dit_4aY_coil4_err_mean vs Slug



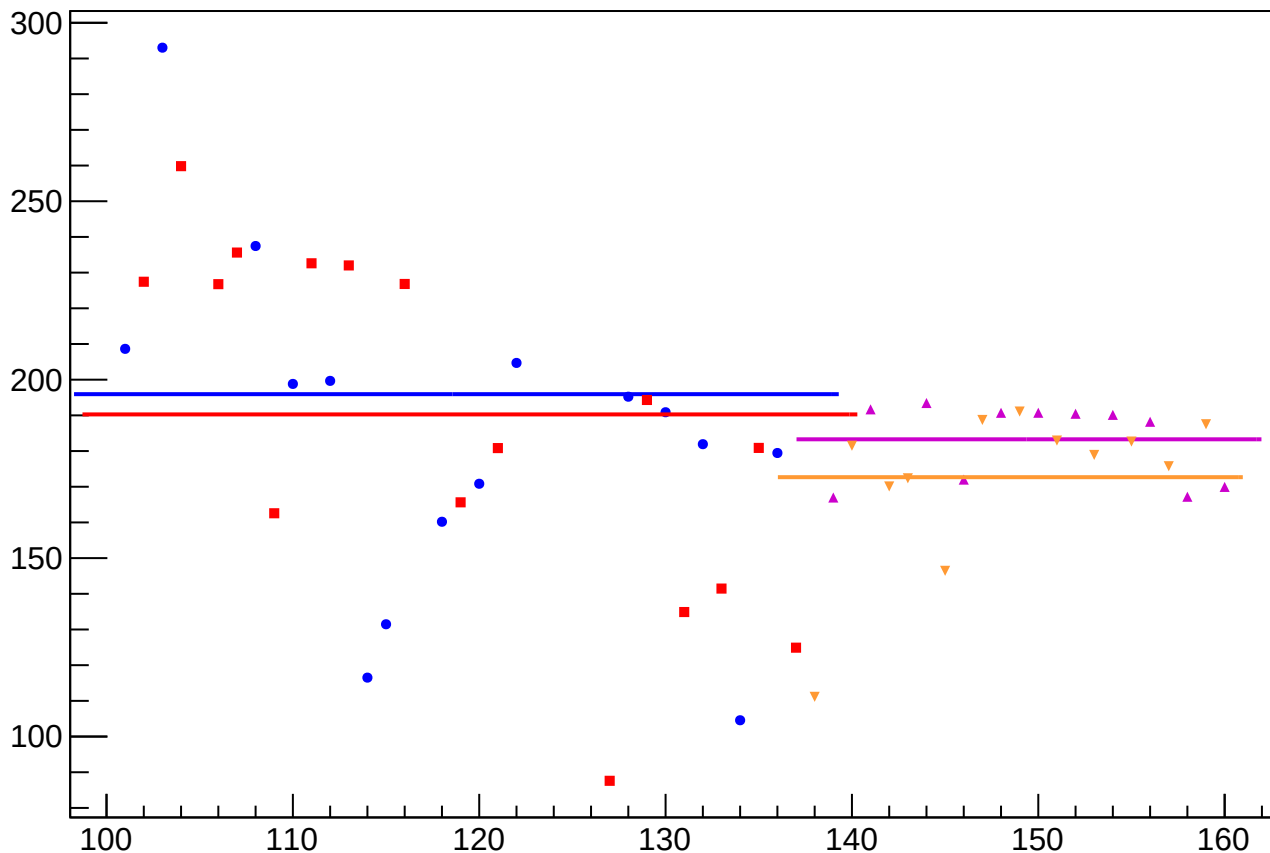
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14
 Left Out: 1.206 $\pm$ 0.000 χ^2 /NDF: 95869624128559666267627066490880.0/11
 Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15
 Left In: 1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1156.292+/-0.000 χ^2/NDF : 21306550198
 + sign 1139.844+/-0.000 χ^2/NDF : 87570338044863
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 172.678+/-0.000 χ^2/NDF : 444129154318784491704790528347340800.0/11

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

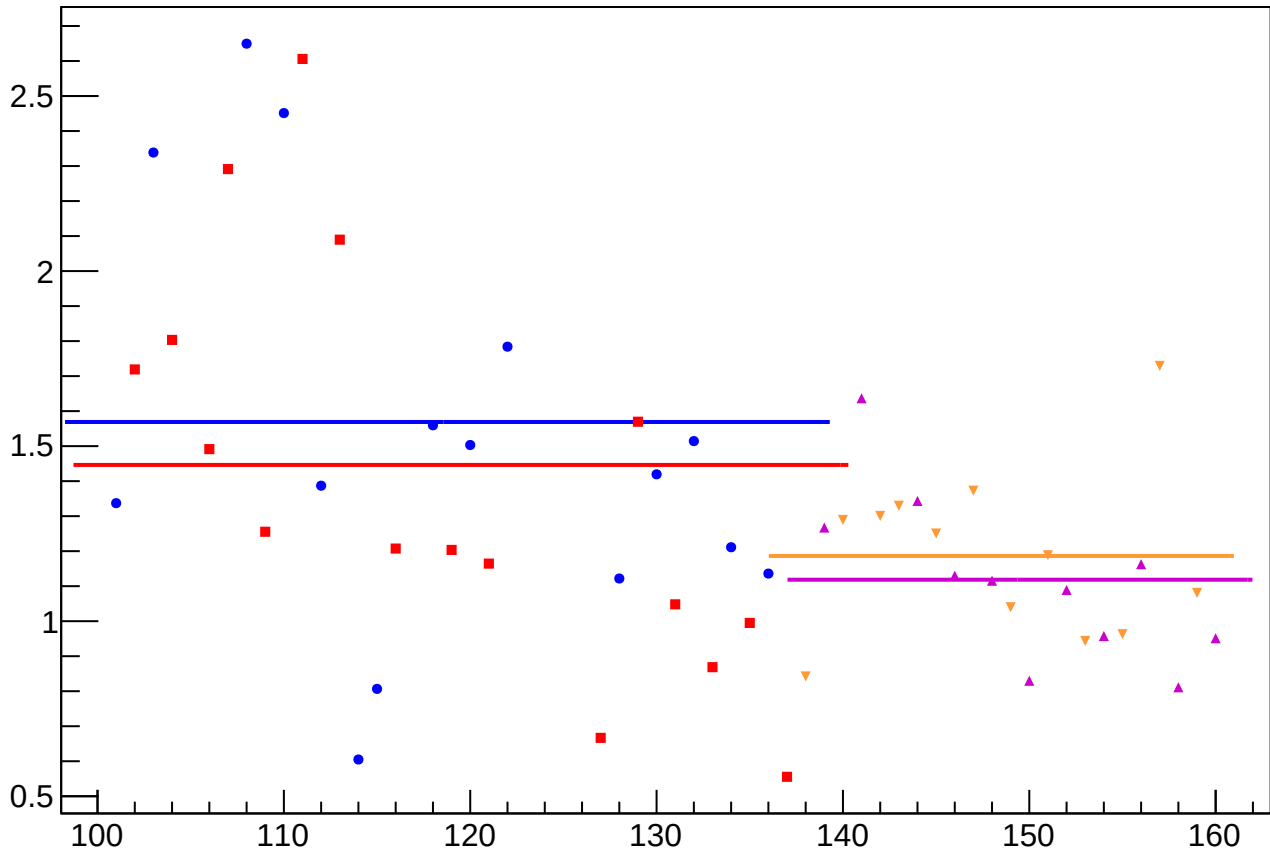
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ sign 182.319+/-0.000 χ^2/NDF : 170767185336738

All: 184.283+/-0.000 χ^2/NDF : 330872661752

- sign 186.216+/-0.000 χ^2/NDF : 158906987548328

dit_4eY_coil4_err_mean vs Slug



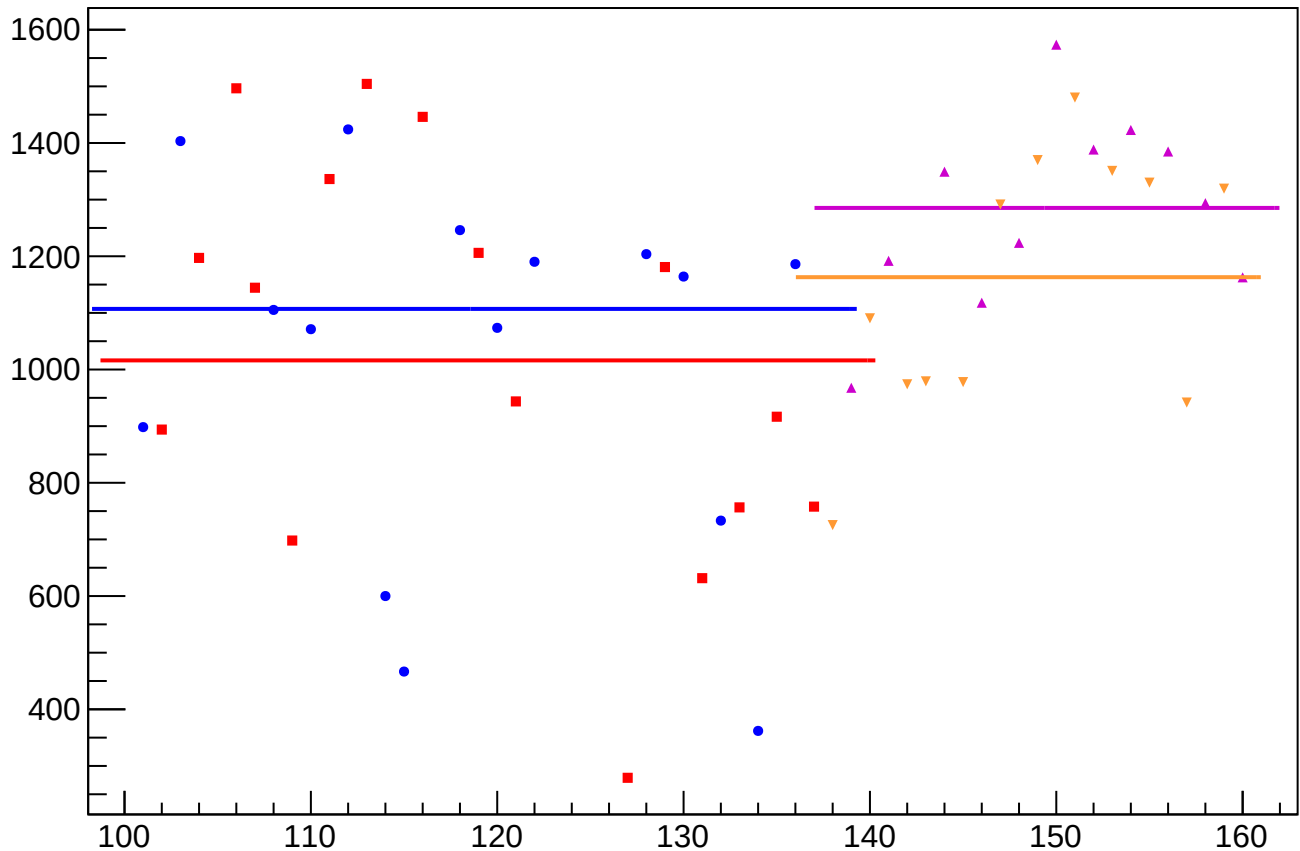
Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.186+/-0.000 χ^2/NDF : 50110649006733128269701442437120.0/11

Right Out: 1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

Left In: 1.118+/-0.000 χ^2/NDF : 48973496995723480911801365823488.0/10

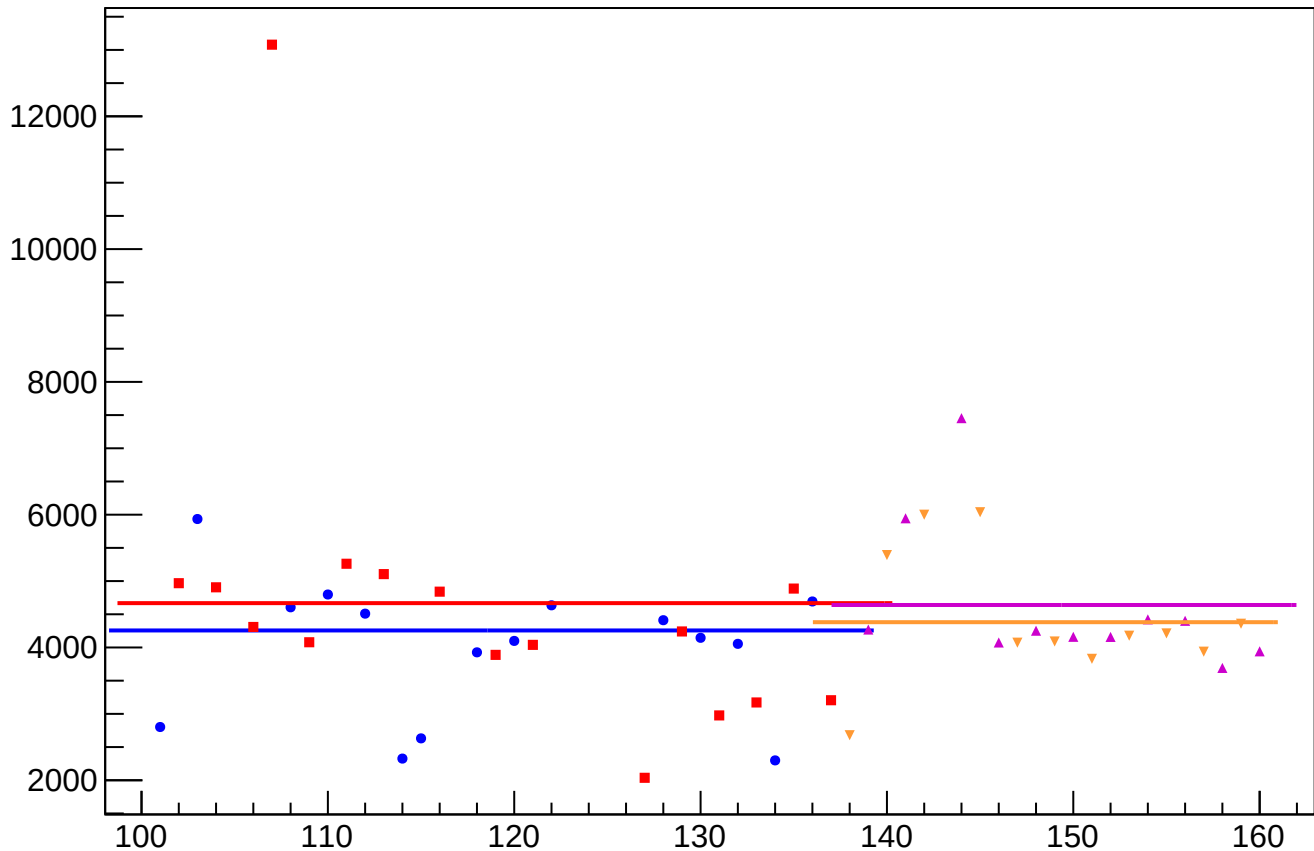
dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 ± 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 ± 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1139.844 ± 0.000 χ^2/NDF : 87570338044863
 All: 1156.292 ± 0.000 χ^2/NDF : 21306550198
 - sign 1172.482 ± 0.000 χ^2/NDF : 12465444911625

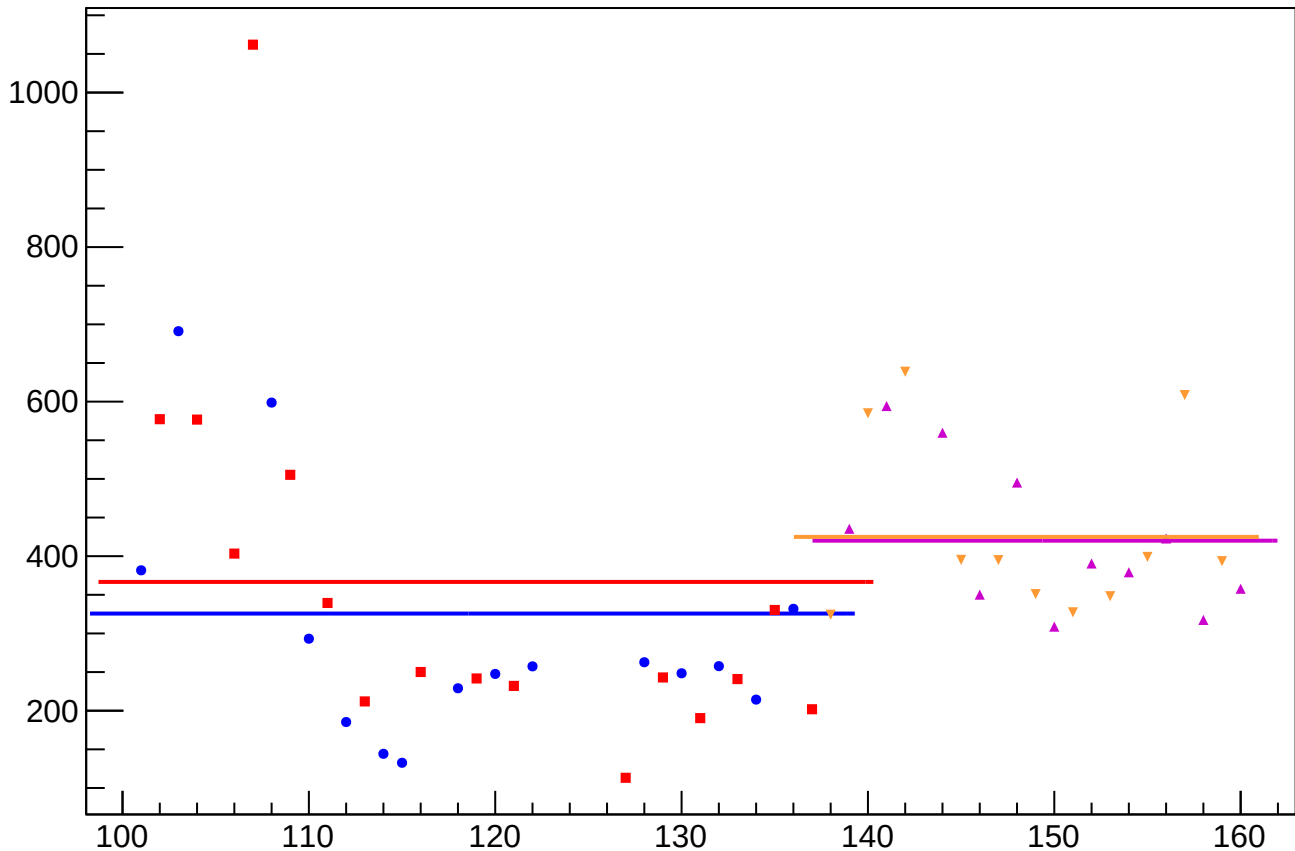
dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14
Left Out: 4380.887+/-0.000	χ^2/NDF : 711929350796242872356445332084336099328.0/10
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15
Left In: 4639.846+/-0.000	χ^2/NDF : 1058446303743243170530981239939506634752.0/10

+ sign 4326.984+/-0.000 χ^2/NDF : 12162390712682
 All: 4494.113+/-0.000 χ^2/NDF : 55582340765
 - sign 4651.578+/-0.000 χ^2/NDF : 42606752336216

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

+ sign 381.988+/-0.000 χ^2/NDF : 278772964276688

Left Out: 424.941+/-0.000 χ^2/NDF : 9621828673272649813383773272468881408.0/10

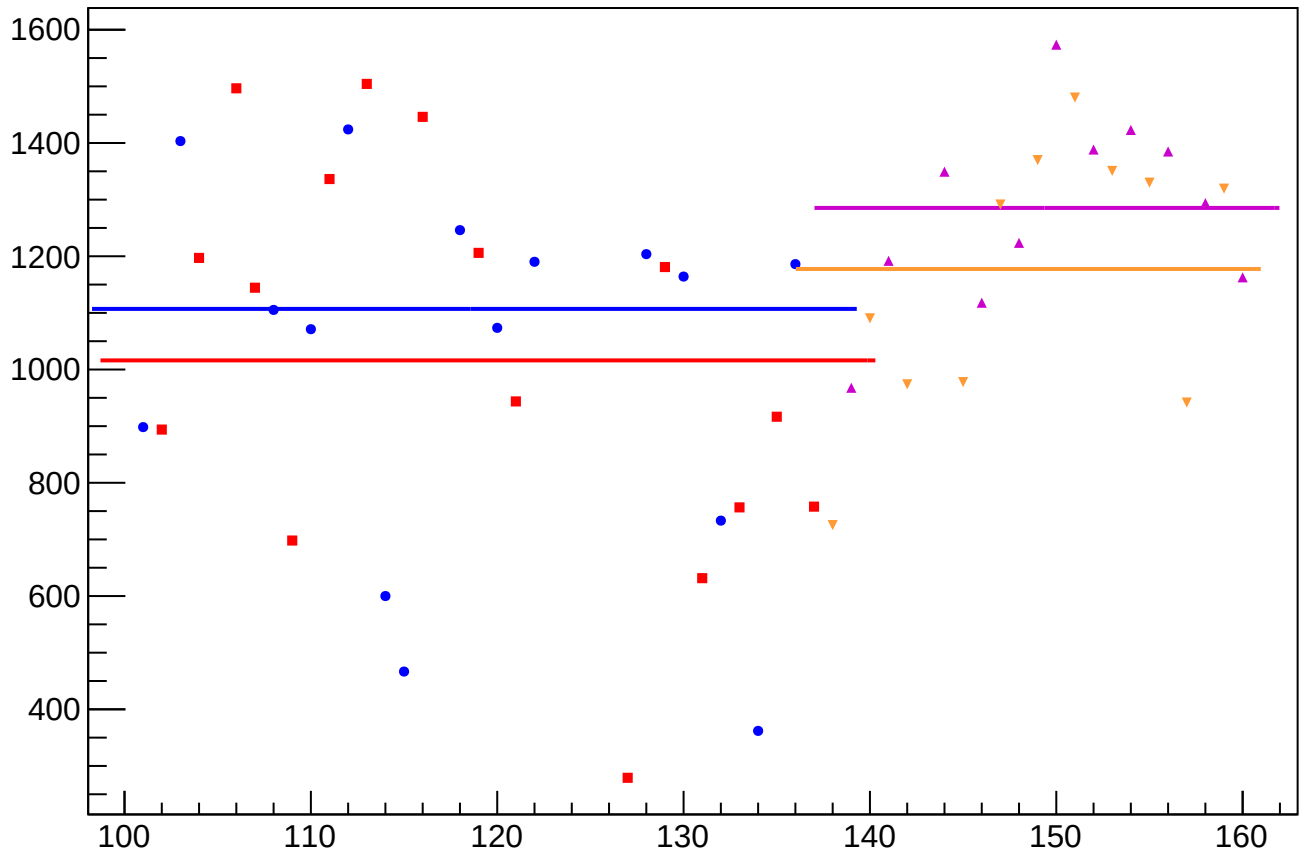
All: 390.069+/-0.000 χ^2/NDF : 689749872558

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

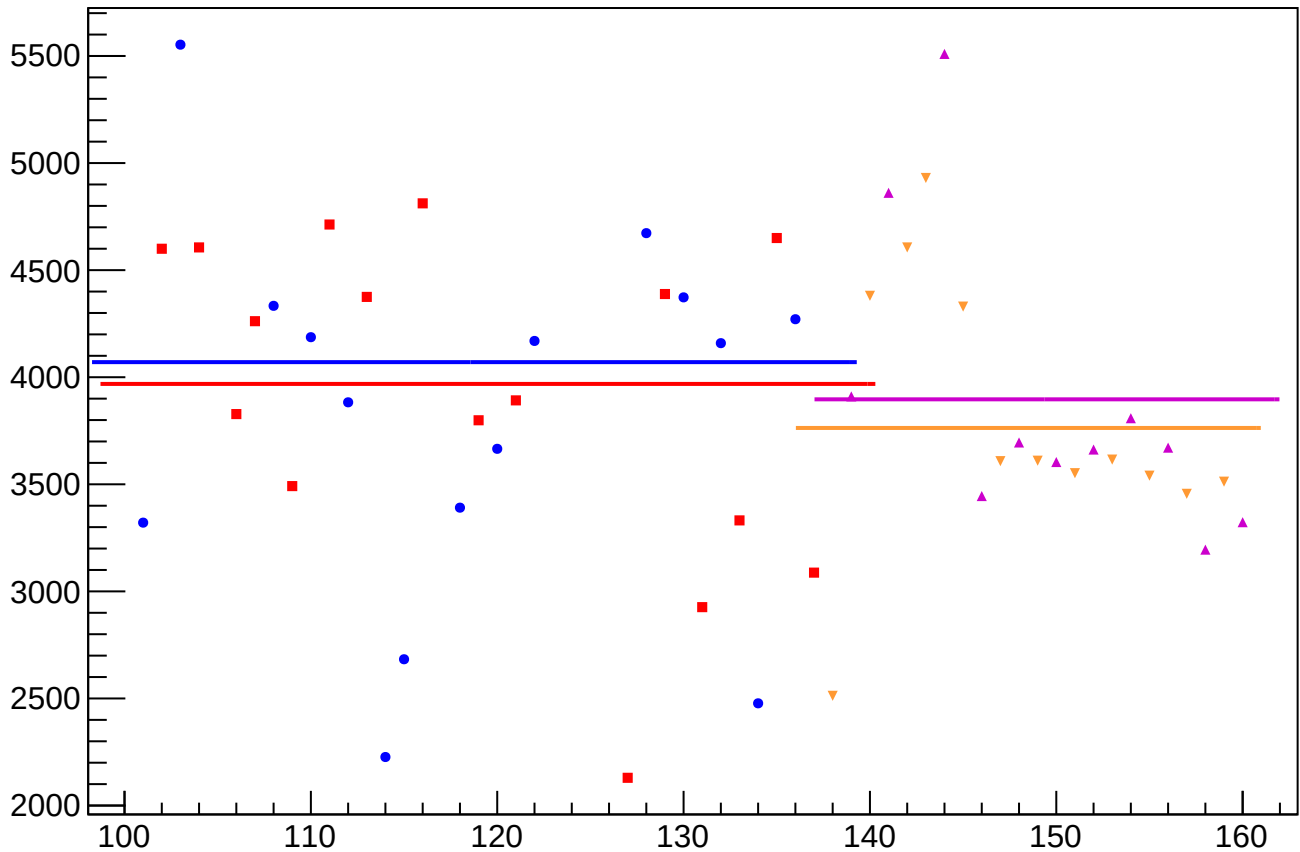
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1177.551+/-0.000 χ^2/NDF : 43299032399354290264123483303178141696.0/10
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1160.134+/-0.000 χ^2/NDF : 21091639805

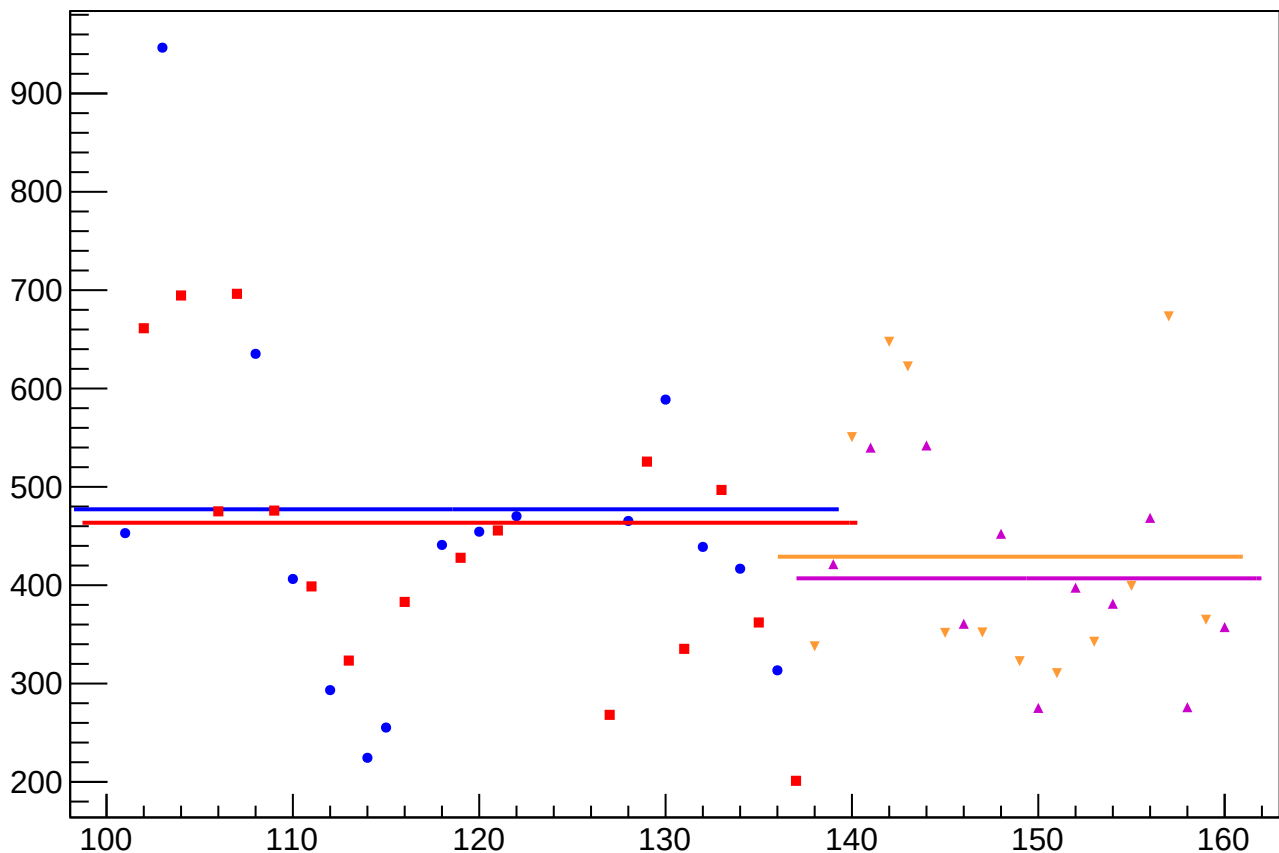
dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000	χ^2/NDF : 343281875282695739956383156295247593472.0/14
Left Out: 3763.117+/-0.000	χ^2/NDF : 328830410494285997490635269622747627520.0/11
Right Out: 3968.723+/-0.000	χ^2/NDF : 359955880326194784467353369492594884608.0/15
Left In: 3896.757+/-0.000	χ^2/NDF : 412530714584693730225130204014353317888.0/10

+ sign 3890.483+/-0.000 χ^2/NDF : 70800630577905
 All: 3908.850+/-0.000 χ^2/NDF : 14835473248
 - sign 3926.928+/-0.000 χ^2/NDF : 77449278990952

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 428.977+/-0.000 χ^2/NDF : 15293827786065679931988484454692683776.0/11

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

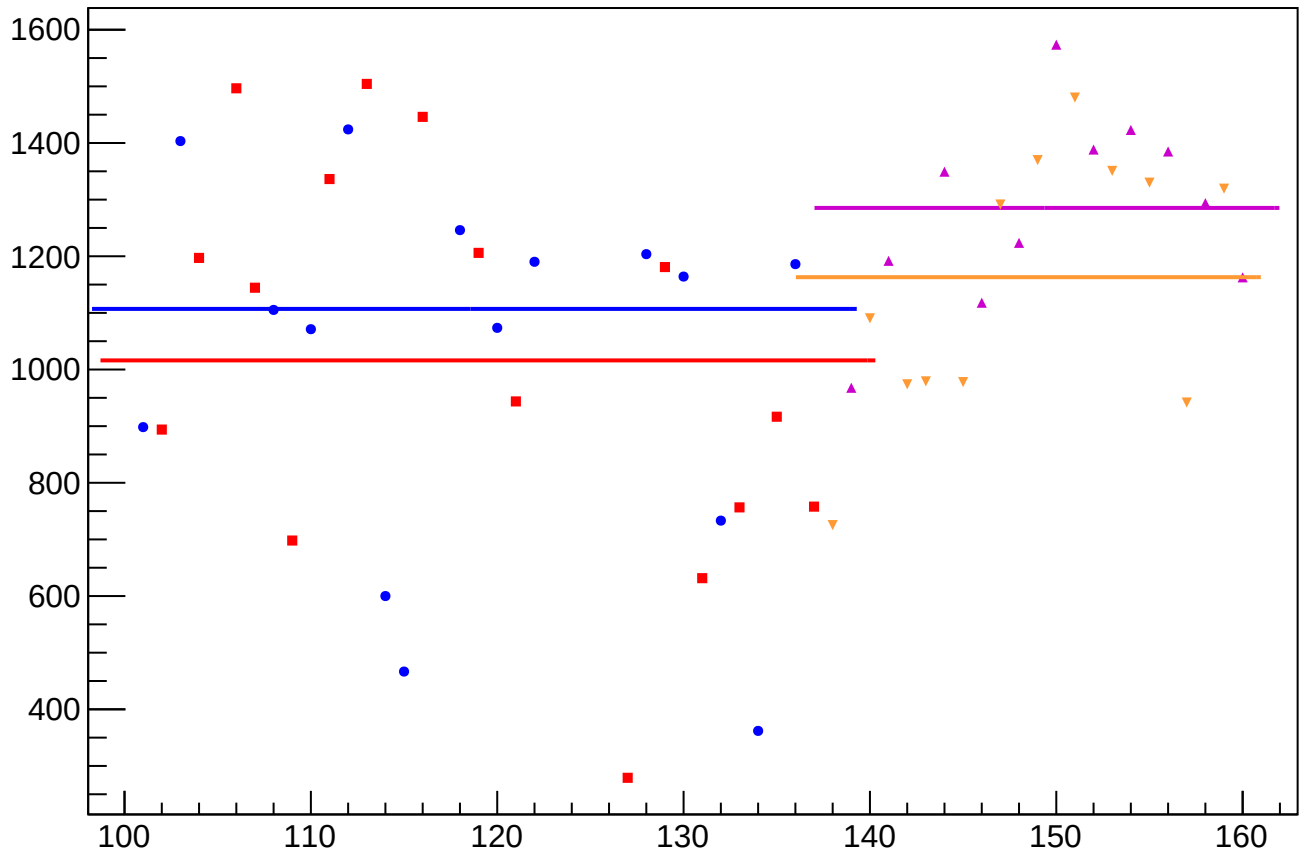
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 448.957+/-0.000 χ^2/NDF : 366327990822750

All: 439.749+/-0.000 χ^2/NDF : 577048219022

- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

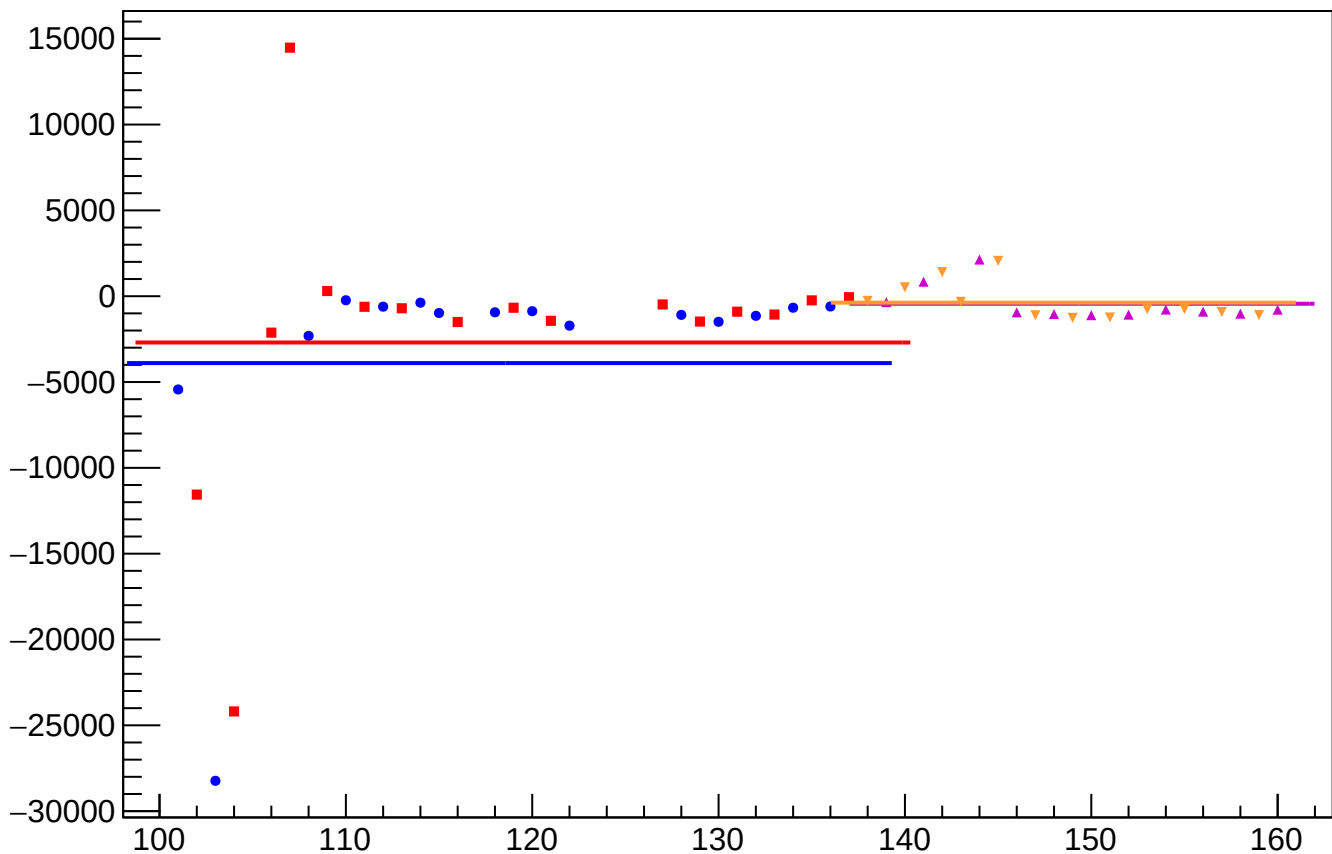
dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

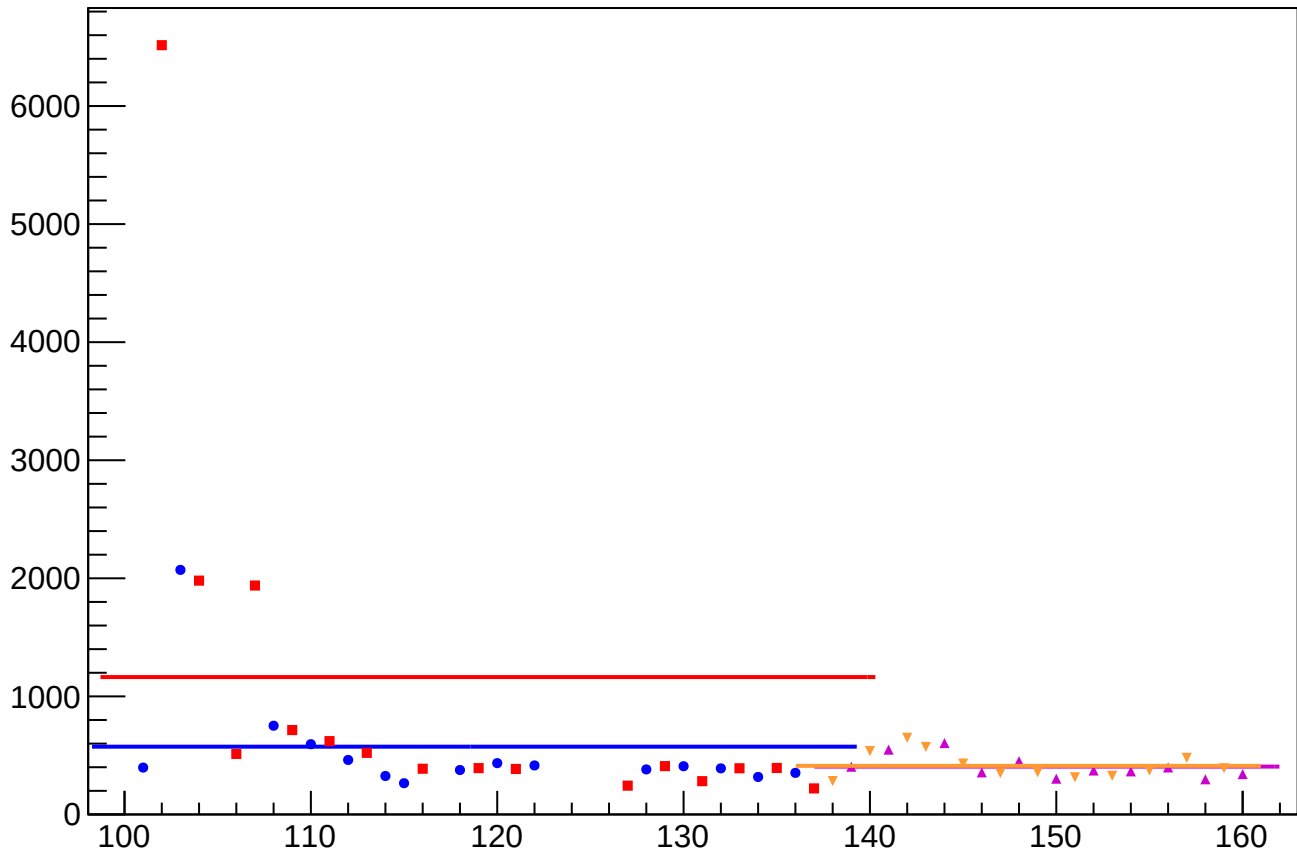
+ sign 1139.844 $\pm$ 0.000 χ^2 /NDF: 87570338044863
 All: 1156.292 $\pm$ 0.000 χ^2 /NDF: 21306550198
 - sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

dit_atl1_coil4_mean vs Slug



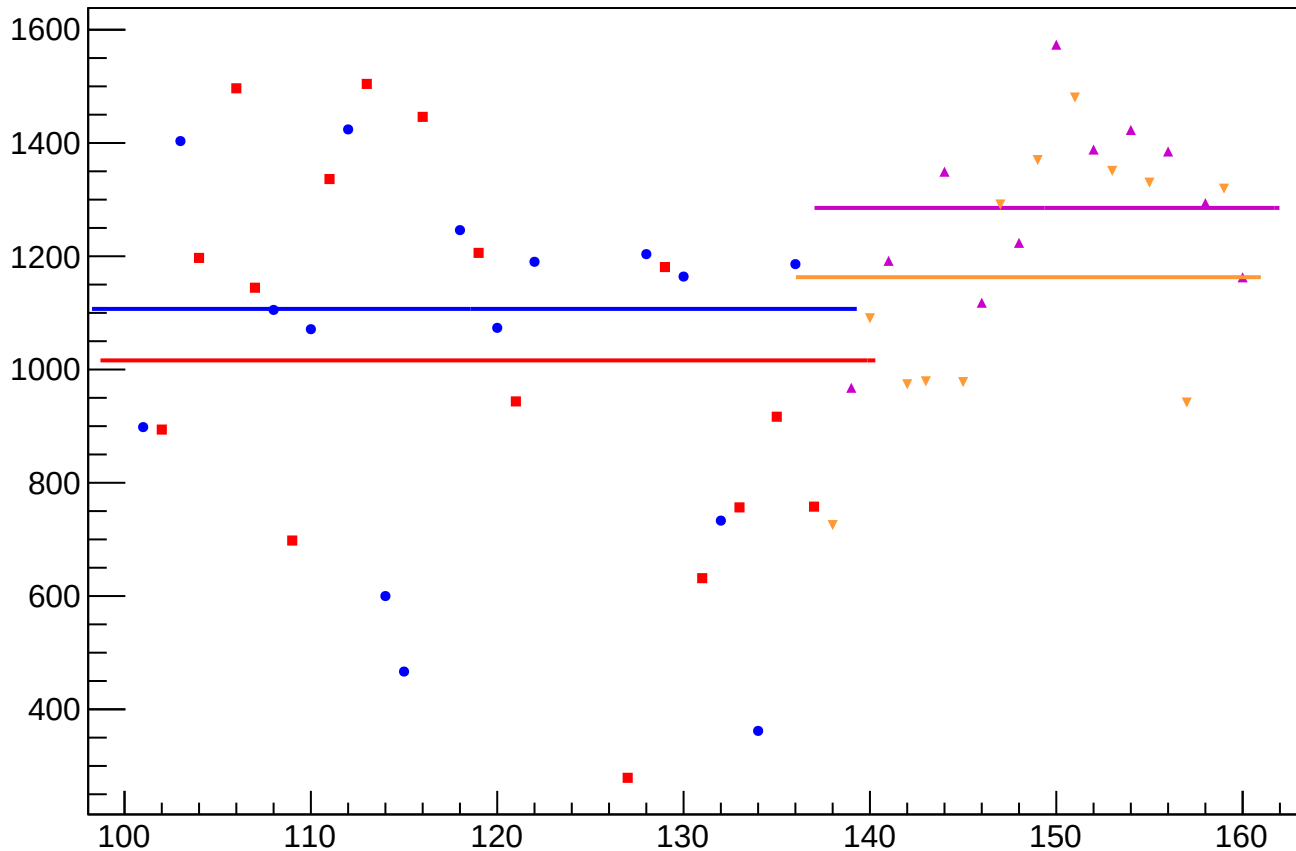
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -374.202+/-0.000 χ^2/NDF : 945868175144673963133070381135496740864.0/11
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10
 + sign -1833.963+/-0.000 χ^2/NDF : 4527944849891
 All: -1607.892+/-0.000 χ^2/NDF : 8915452506
 - sign -1385.374+/-0.000 χ^2/NDF : 43716264222774

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055 ± 0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 411.666 ± 0.000 χ^2/NDF : 9310753562046919070067621560894619648.0/11
 Right Out: 1163.697 ± 0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371 ± 0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

+ sign 1139.844 $\pm$ 0.000 χ^2 /NDF: 87570338044863

Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11

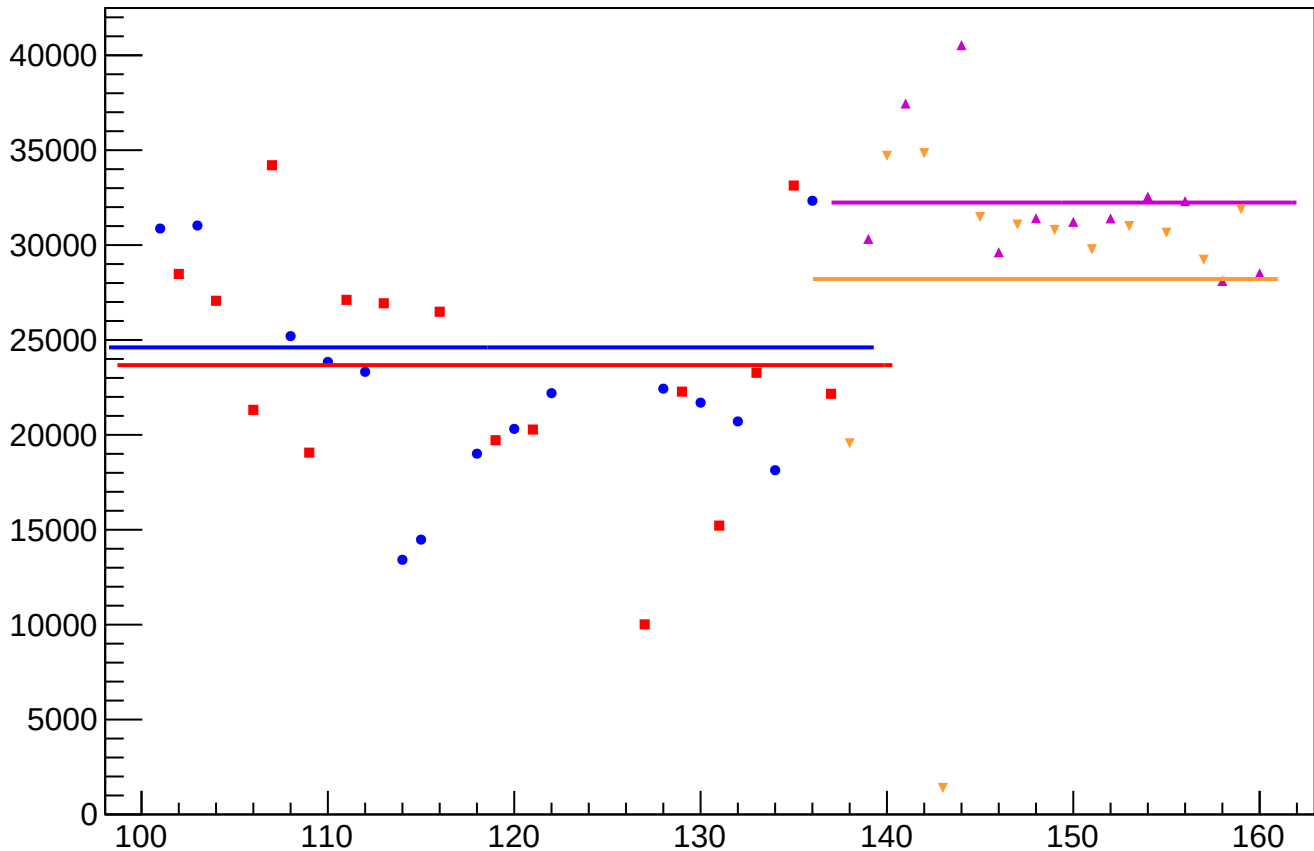
All: 1156.292 $\pm$ 0.000 χ^2 /NDF: 21306550198

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

- sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

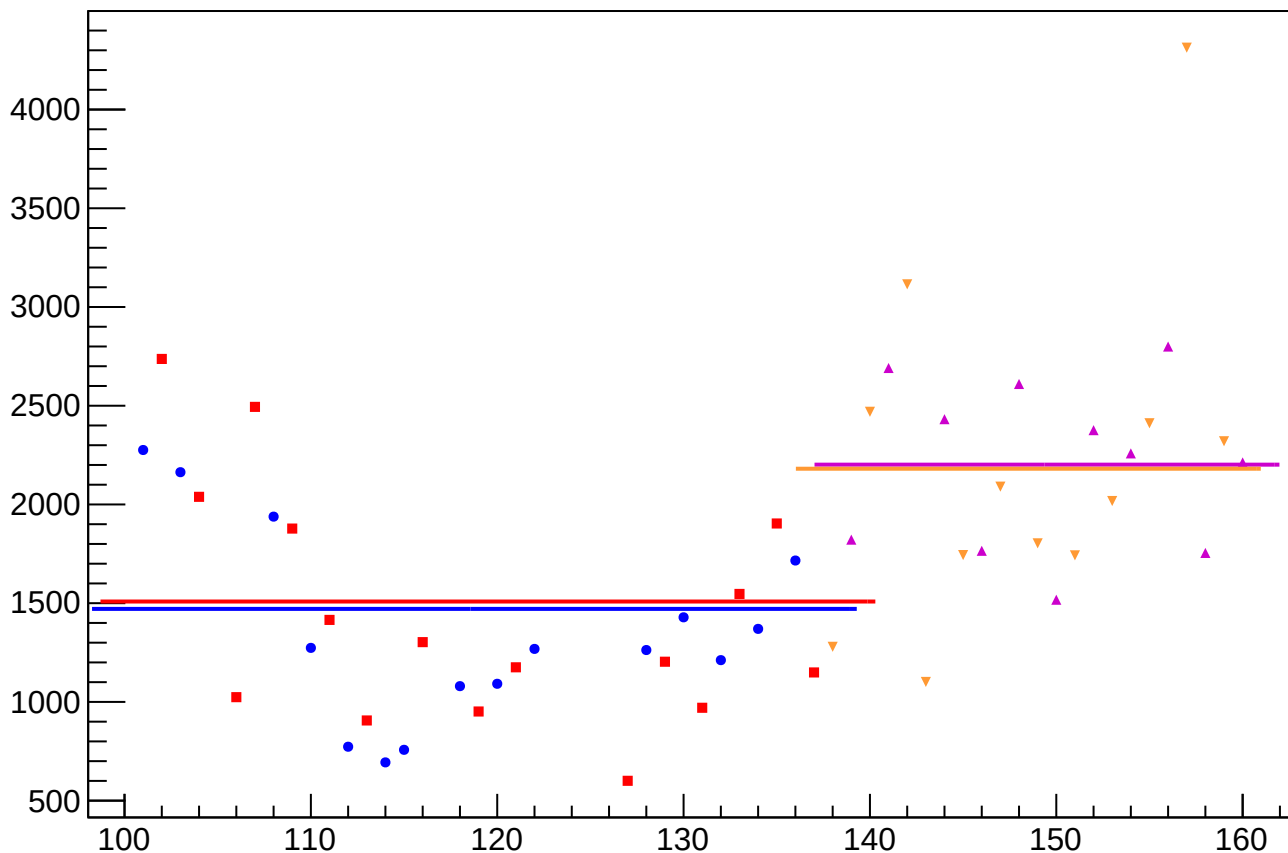
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28209.767+/-0.000	χ^2/NDF : 64052588208815786501271136154217957294080.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26717.396+/-0.000 χ^2/NDF : 8653618172568
 All: 27690.553+/-0.000 χ^2/NDF : 1546543173
 - sign 28648.418+/-0.000 χ^2/NDF : 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 2180.972+/-0.000 χ^2/NDF : 598703226121999788747151174026347413504.0/11

Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

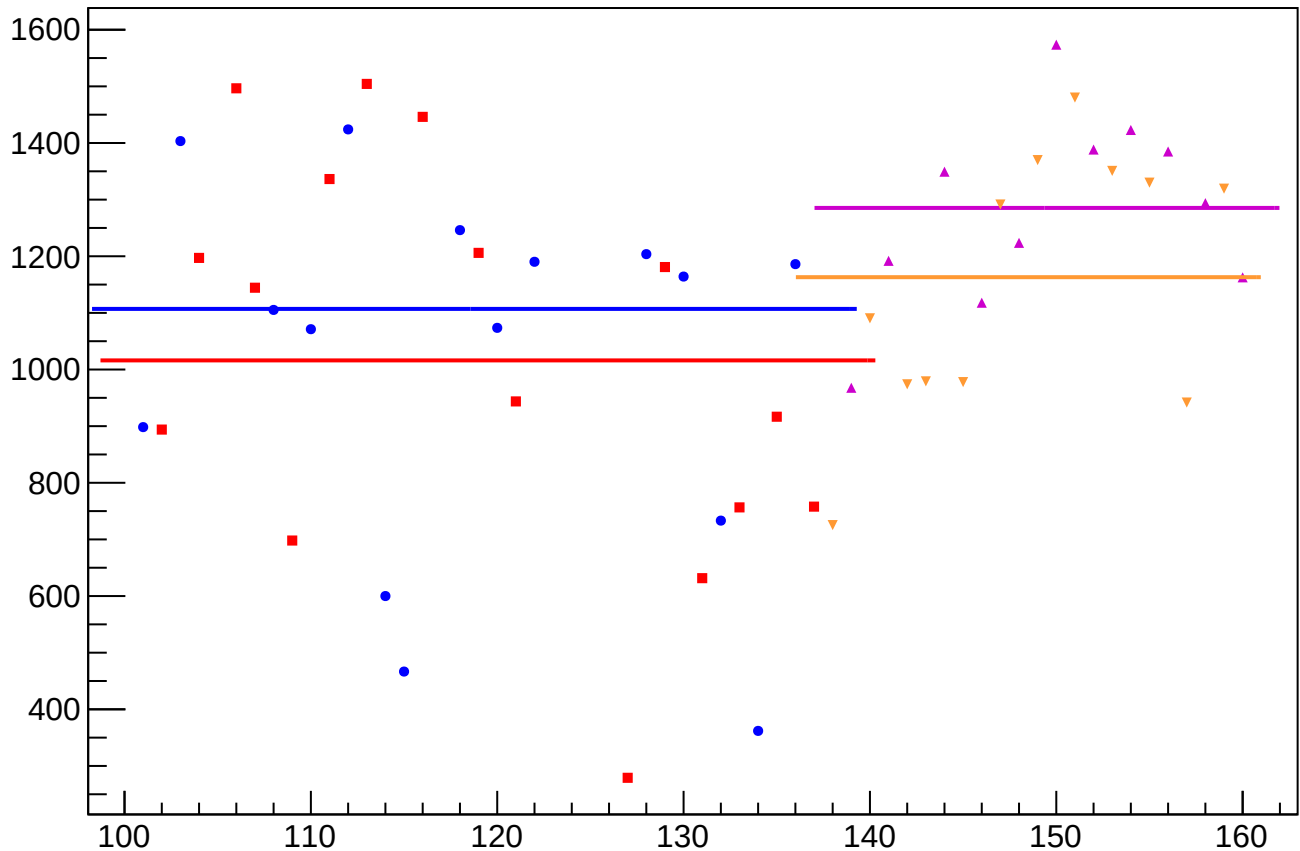
Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

+ sign 1886.776+/-0.000 χ^2/NDF : 92938717057142

All: 1898.980+/-0.000 χ^2/NDF : 15229636648

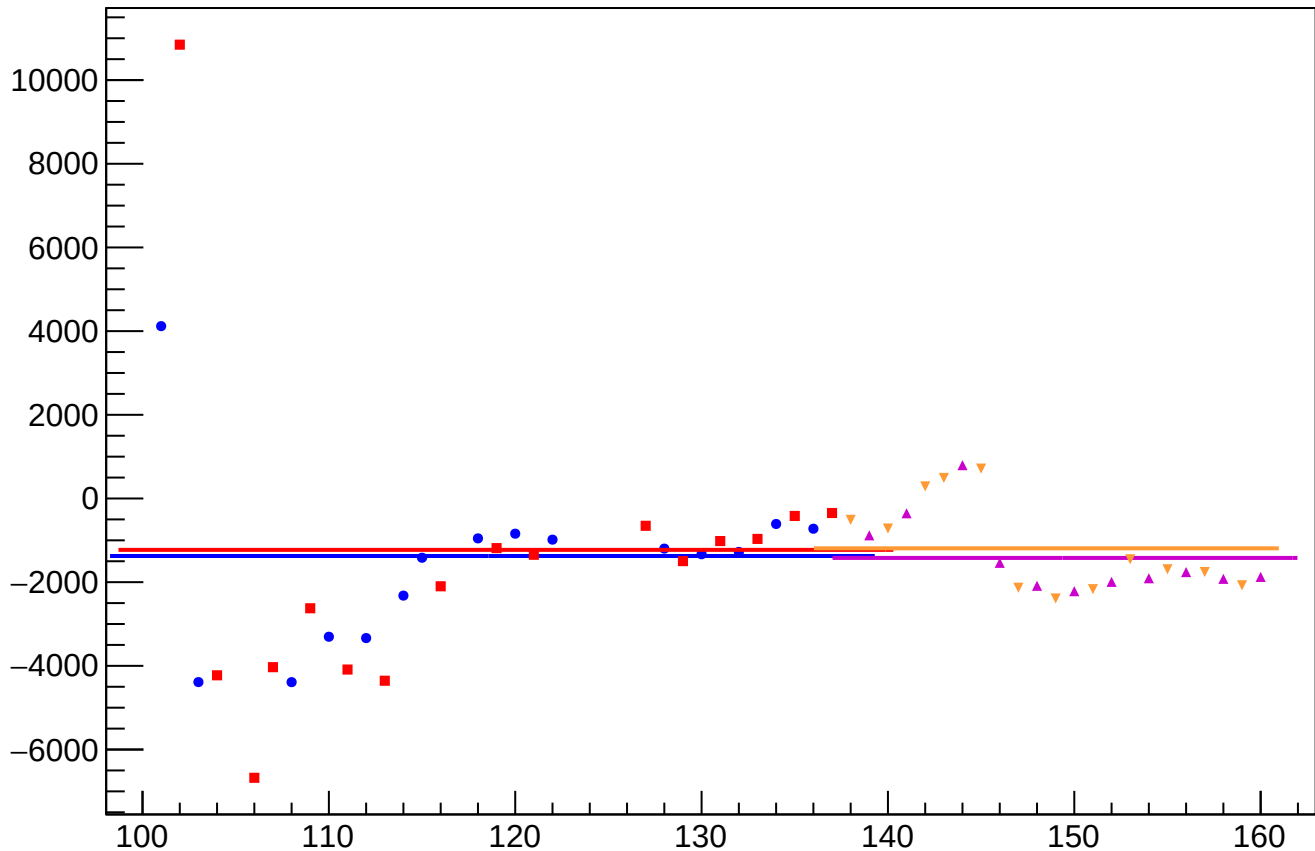
- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

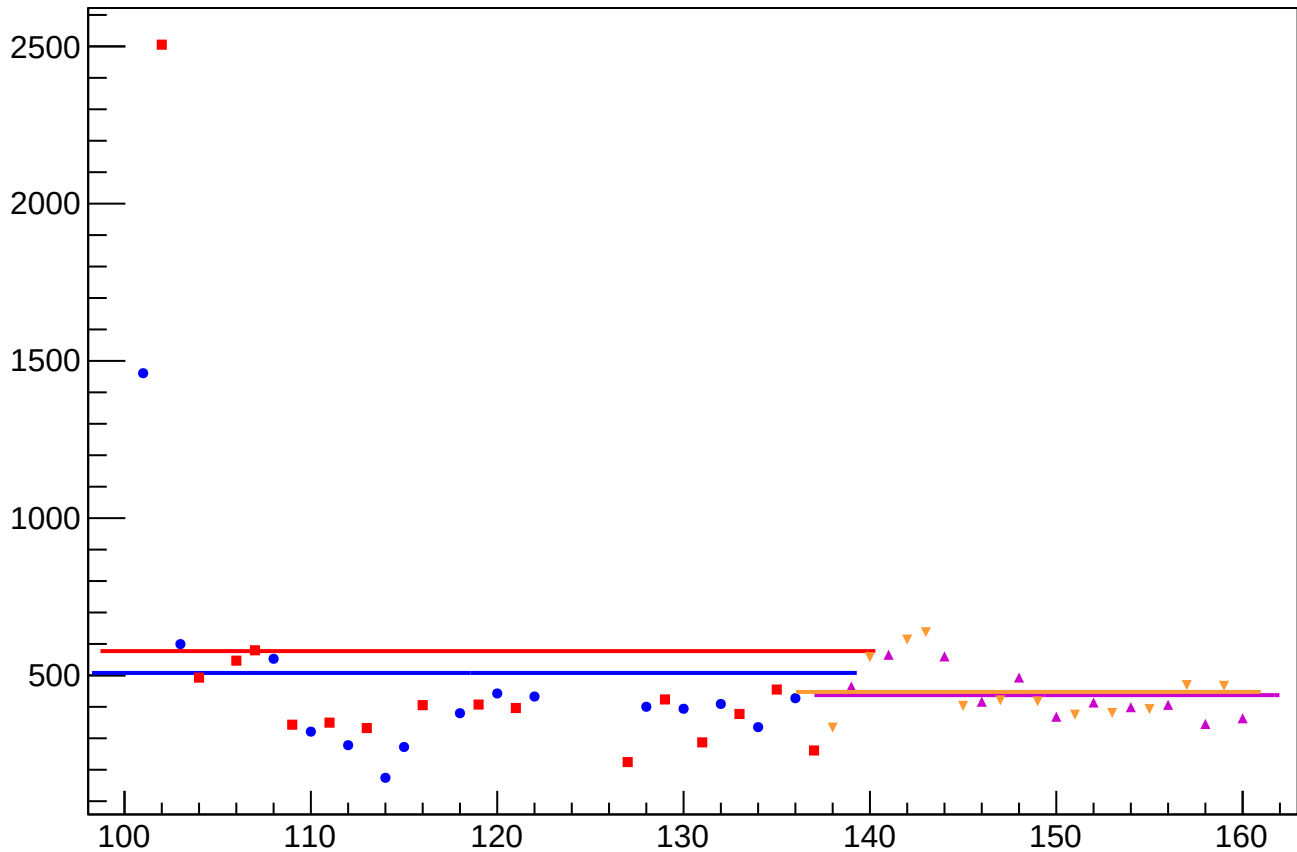
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1191.069+/-0.000	χ^2/NDF : 1015662132878322627077441101495867015168.0/11
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1420.806+/-0.000	χ^2/NDF : 747987085785920162637916932217361137664.0/10

+ sign -1267.093+/-0.000 χ^2/NDF : 4101226272793
 All: -1303.797+/-0.000 χ^2/NDF : 1598313102
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809 ± 0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 447.436 ± 0.000 χ^2/NDF : 7069072028969774638688985742751825920.0/11

Right Out: 577.250 ± 0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

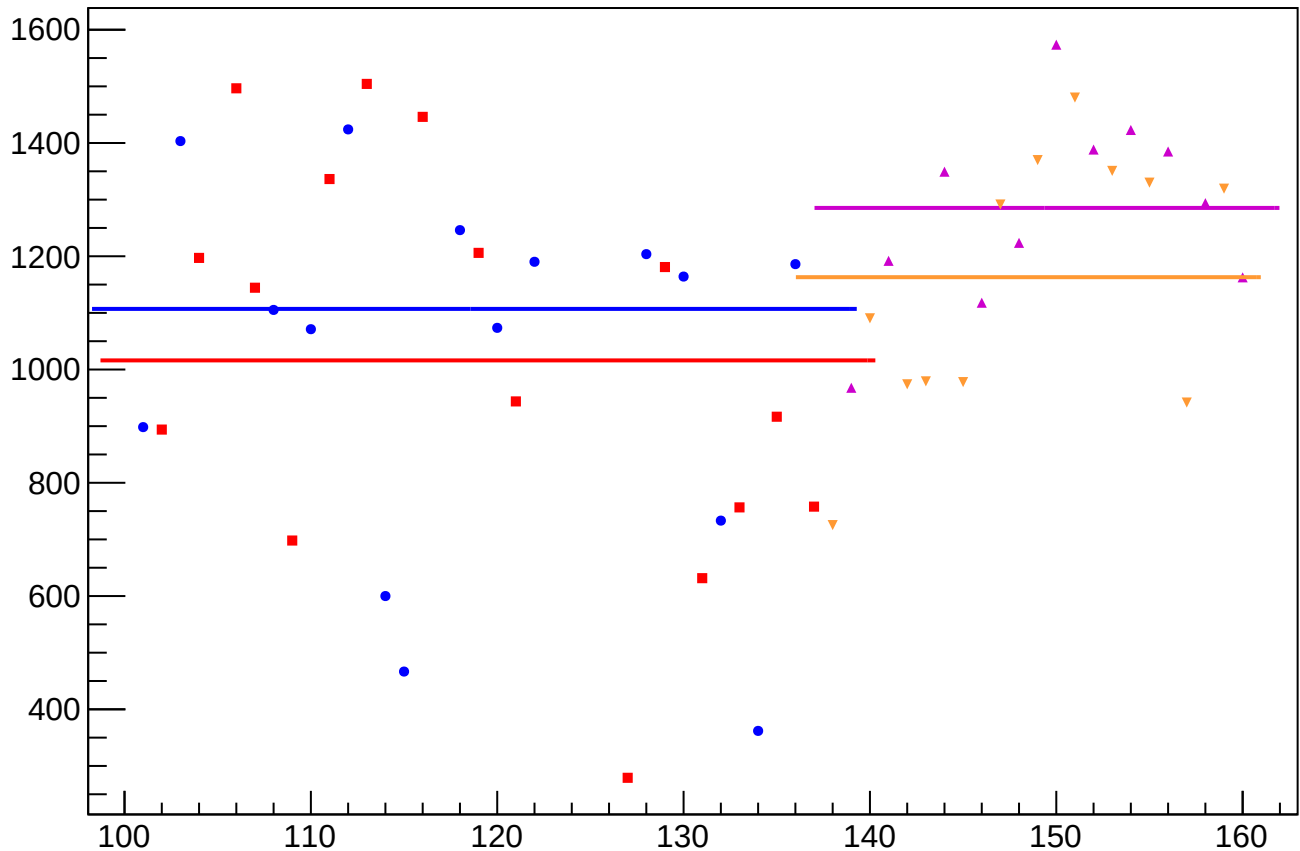
Left In: 437.315 ± 0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 472.457 ± 0.000 χ^2/NDF : 725941960132600

All: 484.312 ± 0.000 χ^2/NDF : 326779825479

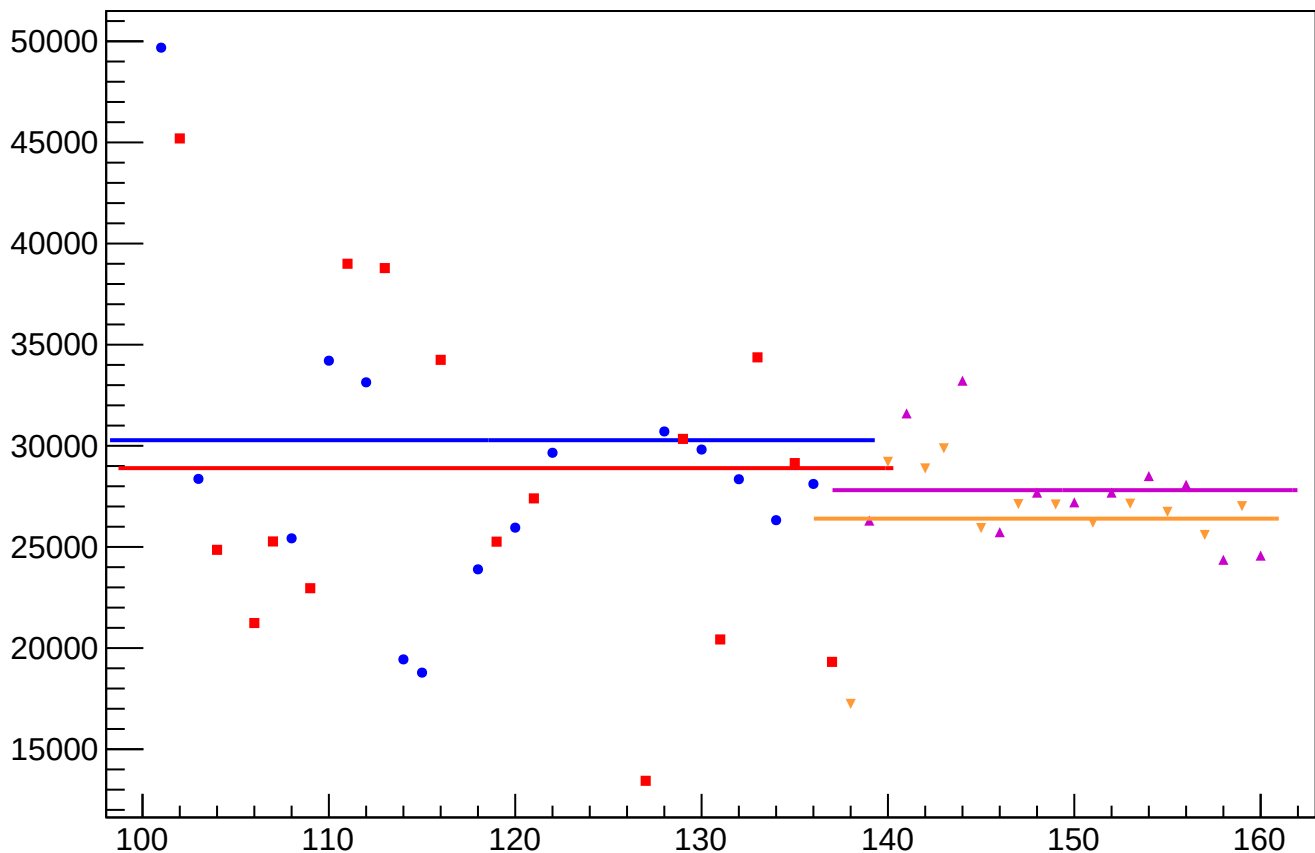
- sign 495.981 ± 0.000 χ^2/NDF : 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

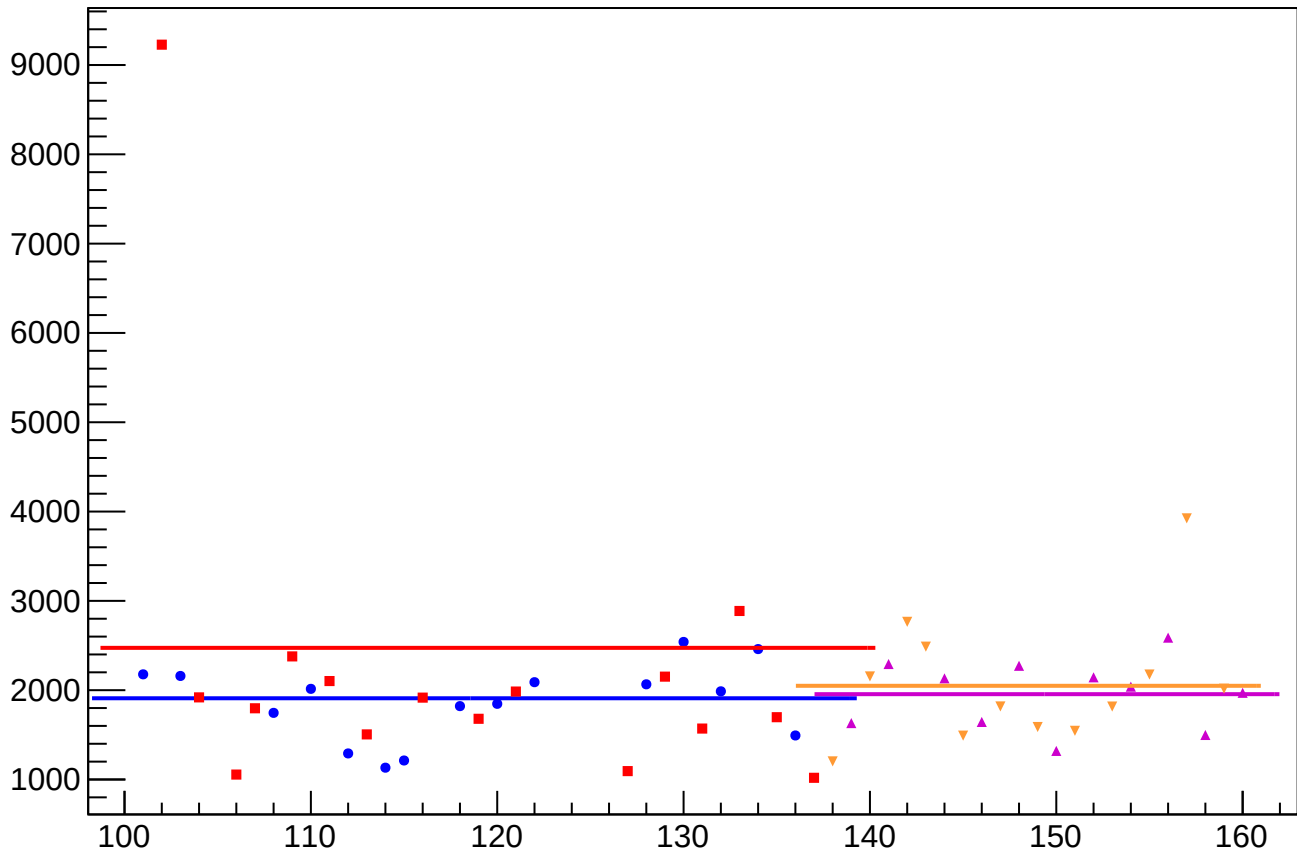
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26400.073+/-0.000	χ^2/NDF : 8523453532066542574243439899008376504320.0/11
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 27807.237+/-0.000	χ^2/NDF : 6193058620219899678835139815803642183680.0/10

+ sign 28007.063+/-0.000 χ^2/NDF : 4521346262671
 All: 28136.456+/-0.000 χ^2/NDF : 9888751156
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

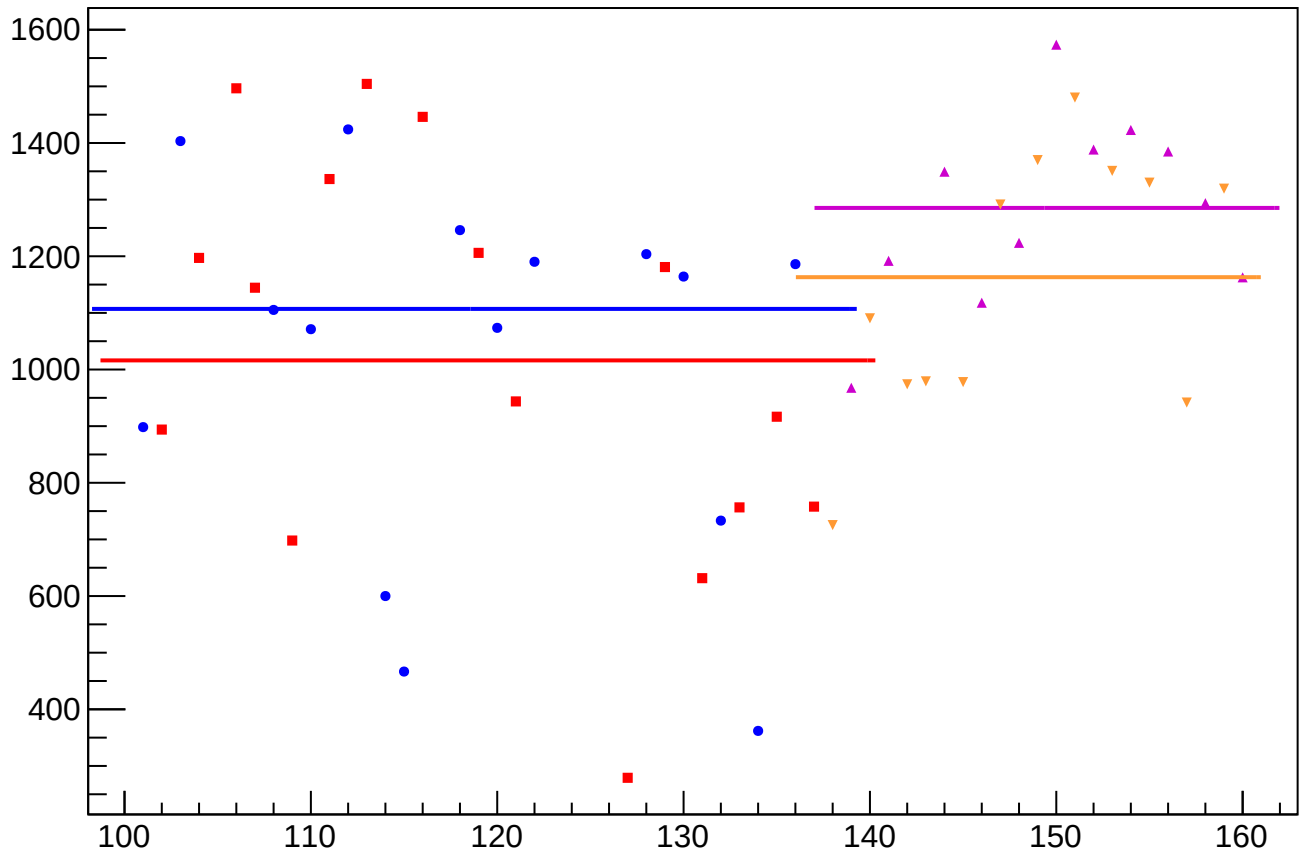
dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2049.063+/-0.000	χ^2/NDF : 443721100999295515672674036348509749248.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

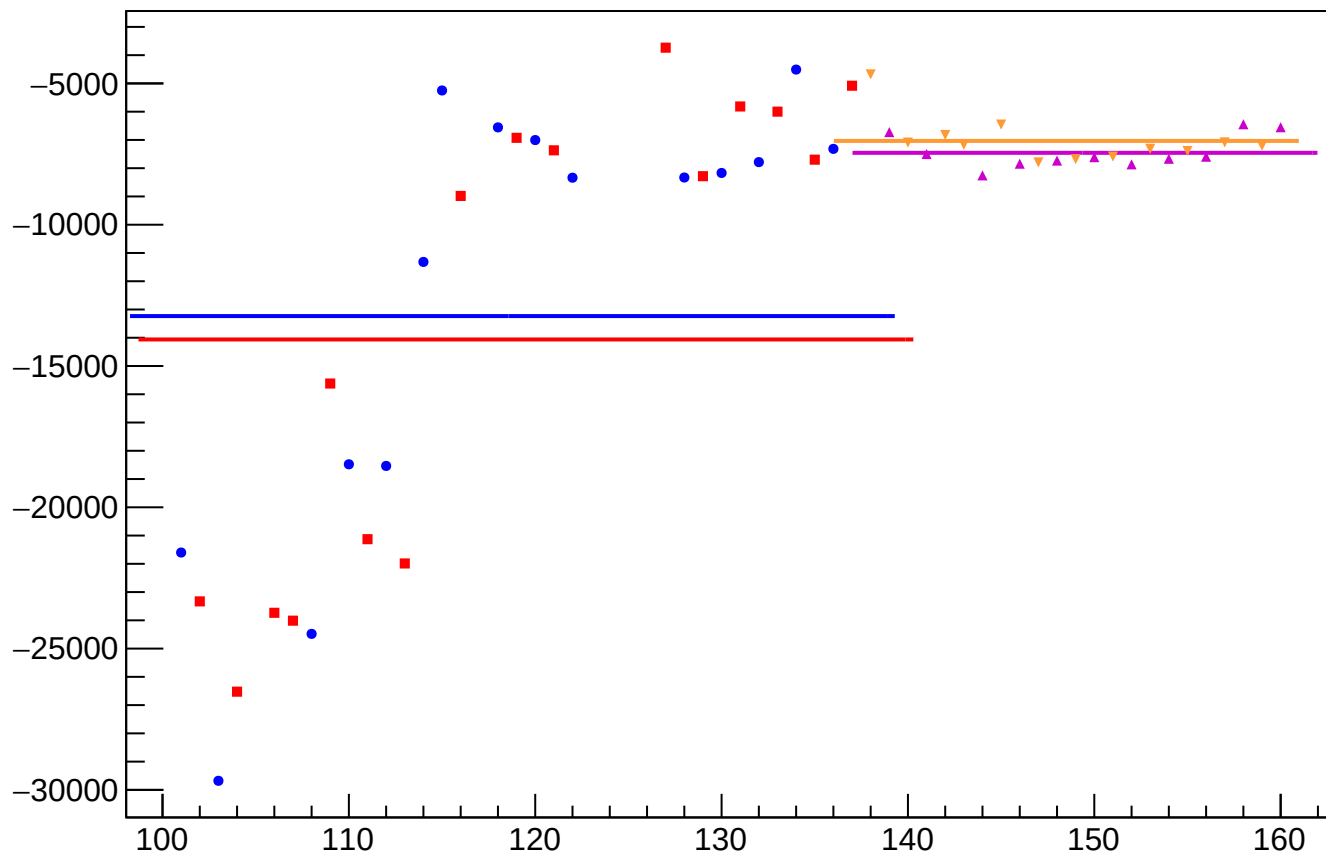
+ sign 1991.196+/-0.000 χ^2/NDF : 53876728825382
 All: 2082.694+/-0.000 χ^2/NDF : 38298070306
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

Left Out: -7034.420+/-0.000 χ^2/NDF : 586087700252049179265432435380023459840.0/11

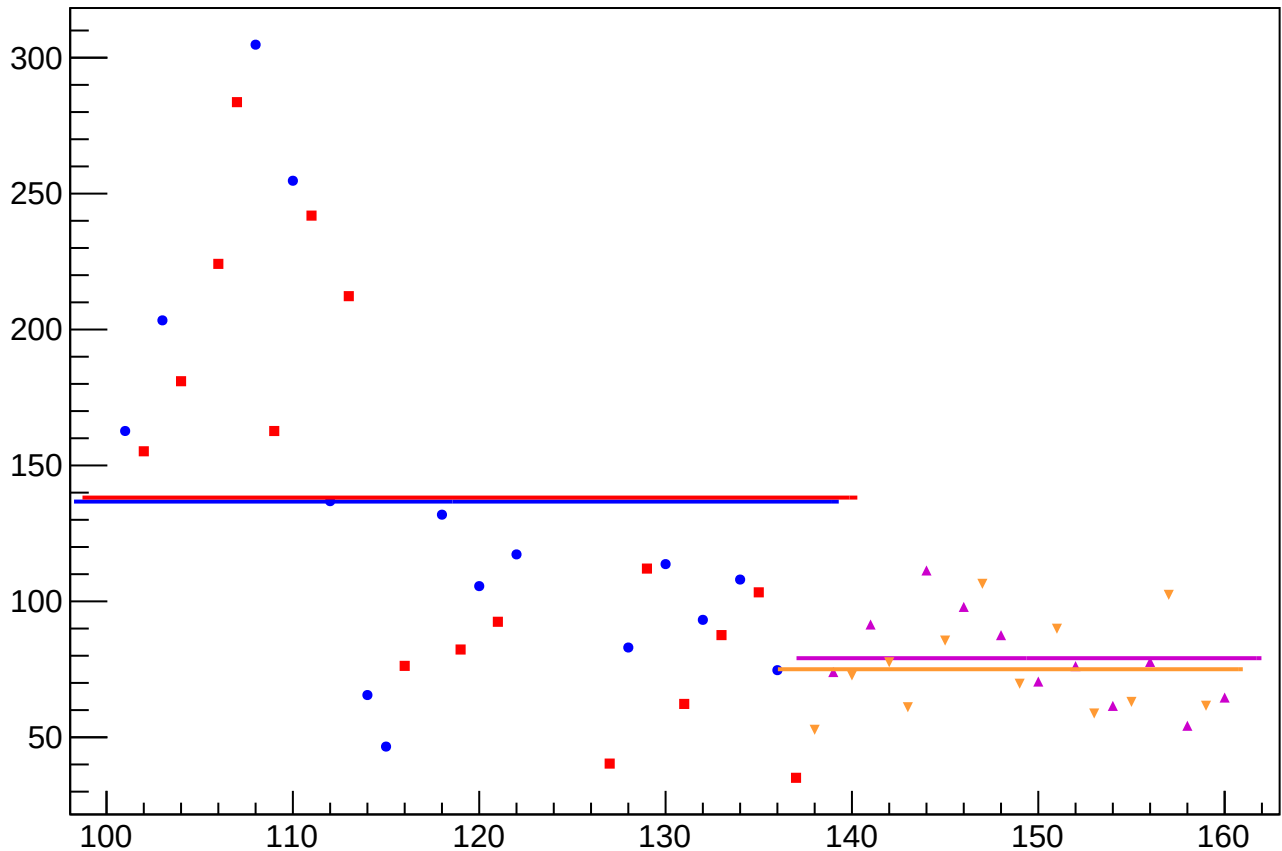
Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

All: -9916.555+/-0.000 χ^2/NDF : 1184206865

- sign -10224.731+/-0.000 χ^2/NDF : 6166940420799

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

+ sign 100.594+/-0.000 χ^2/NDF : 439844373085825

Left Out: 75.033+/-0.000 χ^2/NDF : 265697800274954088415608872374370304.0/11

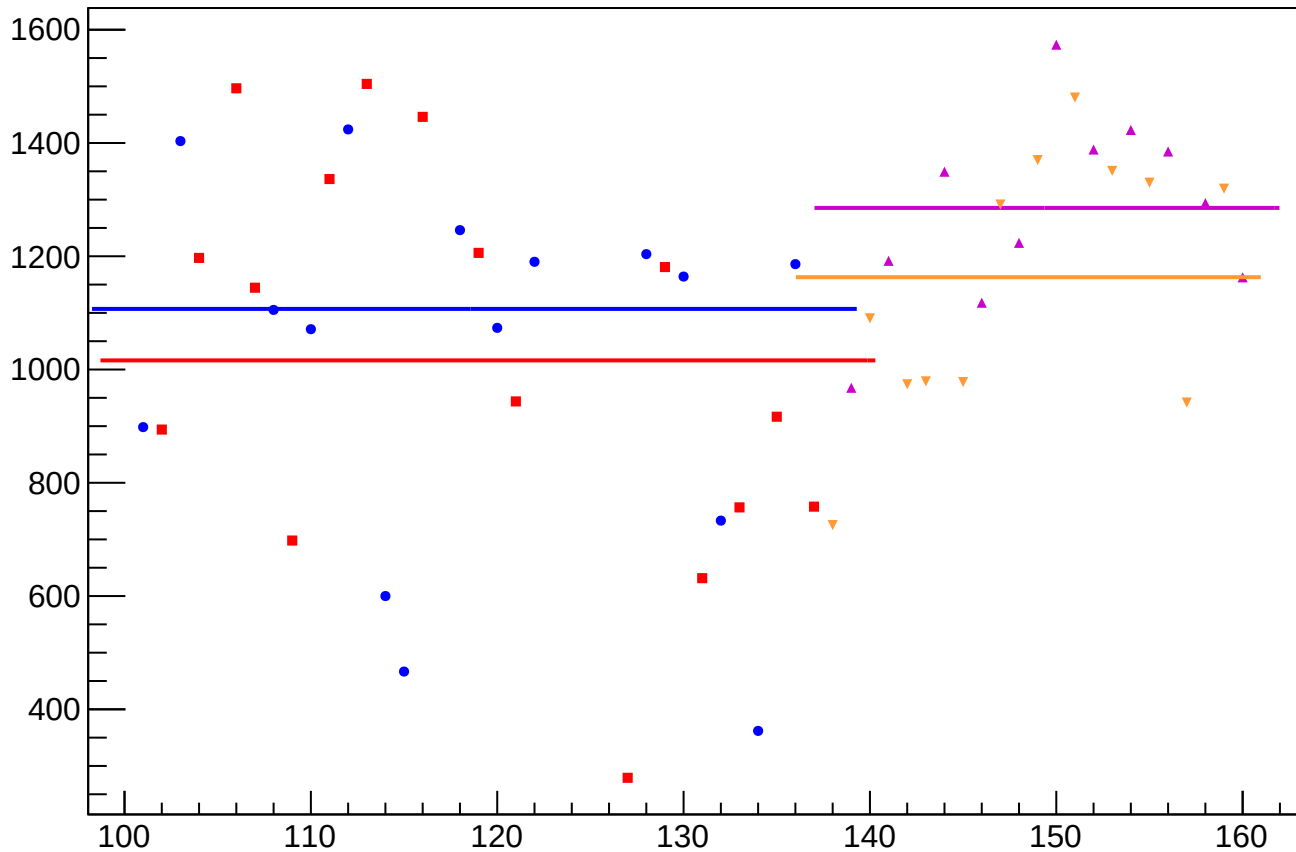
All: 102.243+/-0.000 χ^2/NDF : 923398239612

Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

- sign 103.866+/-0.000 χ^2/NDF : 482709269231347

Left In: 79.096+/-0.000 χ^2/NDF : 243975342218114768326270780809674752.0/10

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11

Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

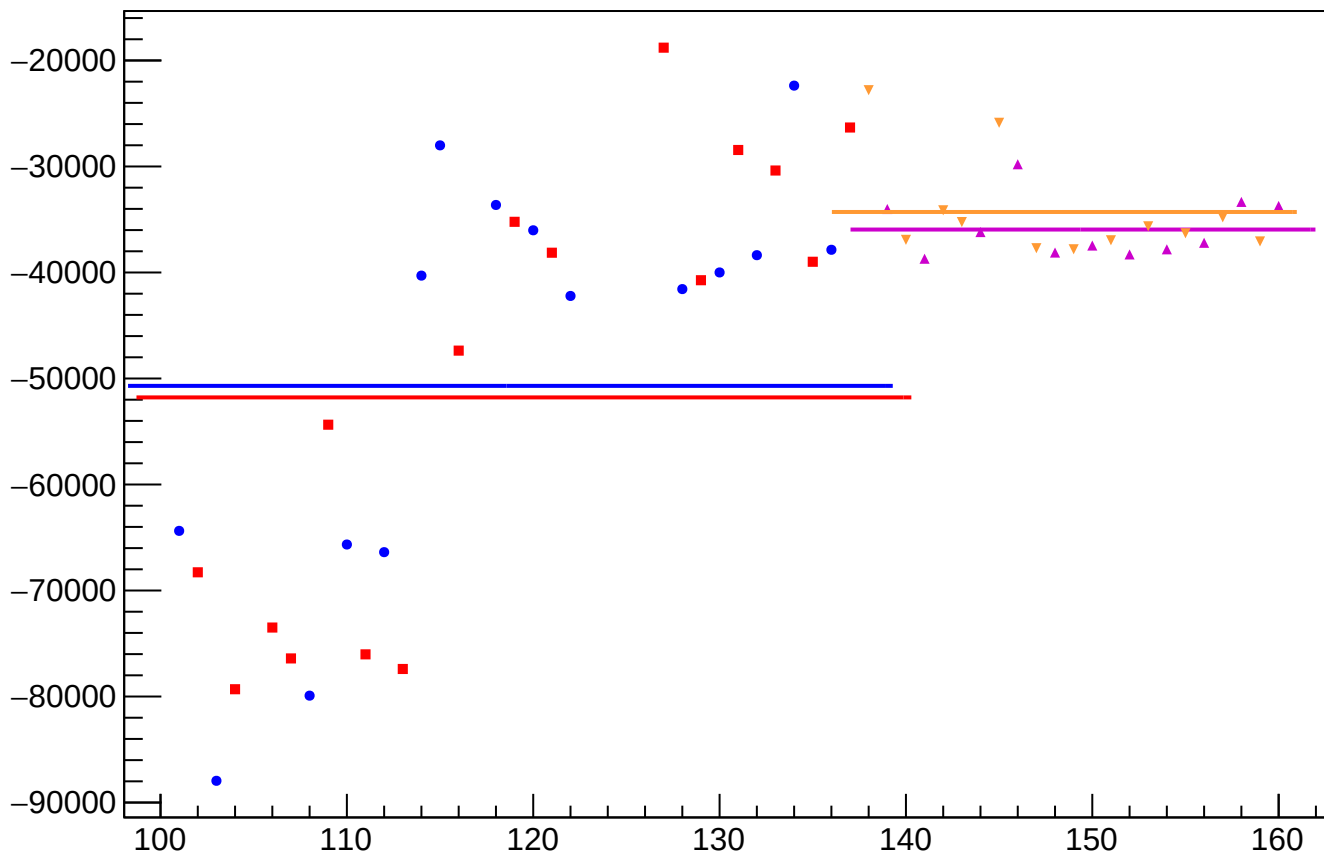
Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1139.844 +/- 0.000 χ^2/NDF : 87570338044863

All: 1156.292 +/- 0.000 χ^2/NDF : 21306550198

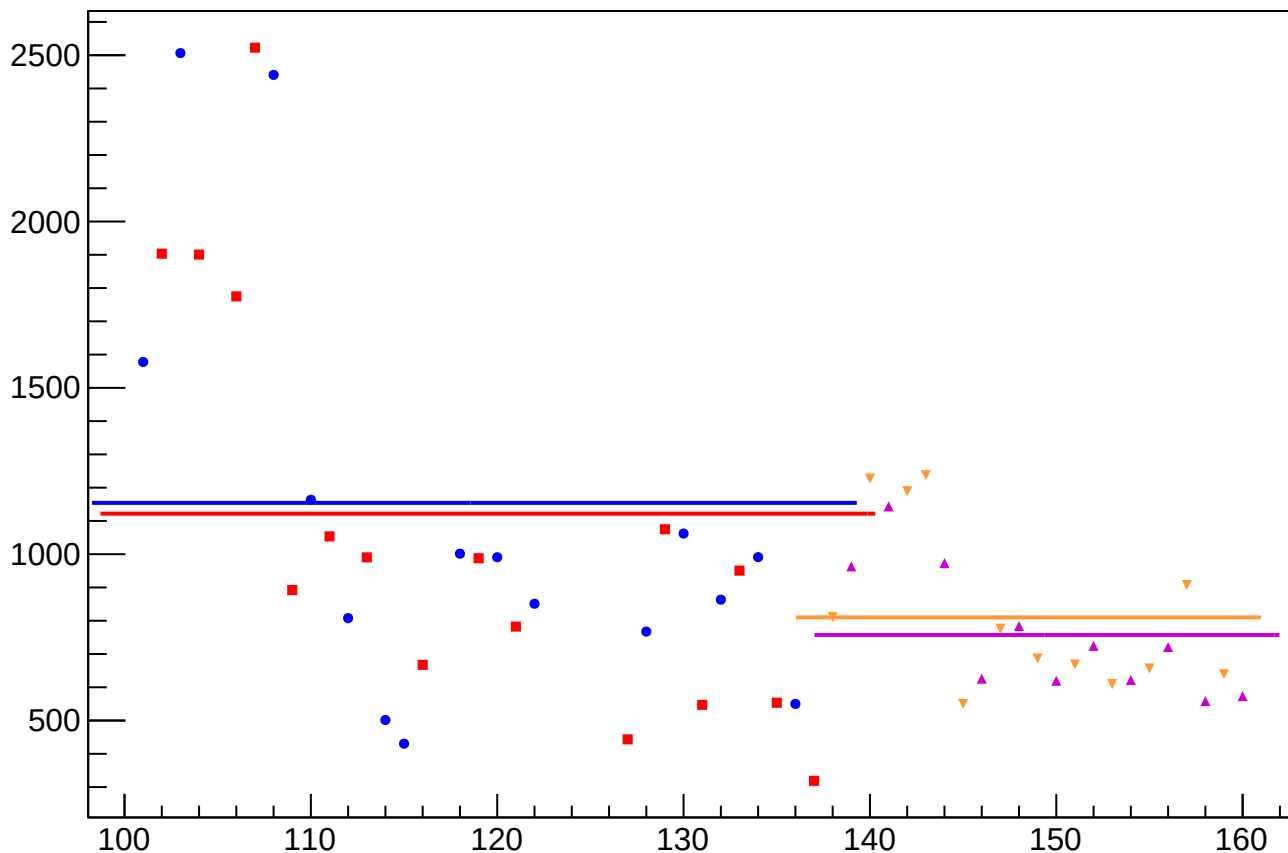
- sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -34292.100+/-0.000 χ^2/NDF : 20273129403990820789866105908116664090624.0/11
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -35949.660+/-0.000 χ^2/NDF : 6535777806152232441815832130596699635712.0/10
 All: -41844.961+/-0.000 χ^2/NDF : 736360968
 + sign -41090.157+/-0.000 χ^2/NDF : 349142060389
 - sign -42587.904+/-0.000 χ^2/NDF : 3854485377902

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 810.109+/-0.000 χ^2/NDF : 49902289627136601603211934324001603584.0/11

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

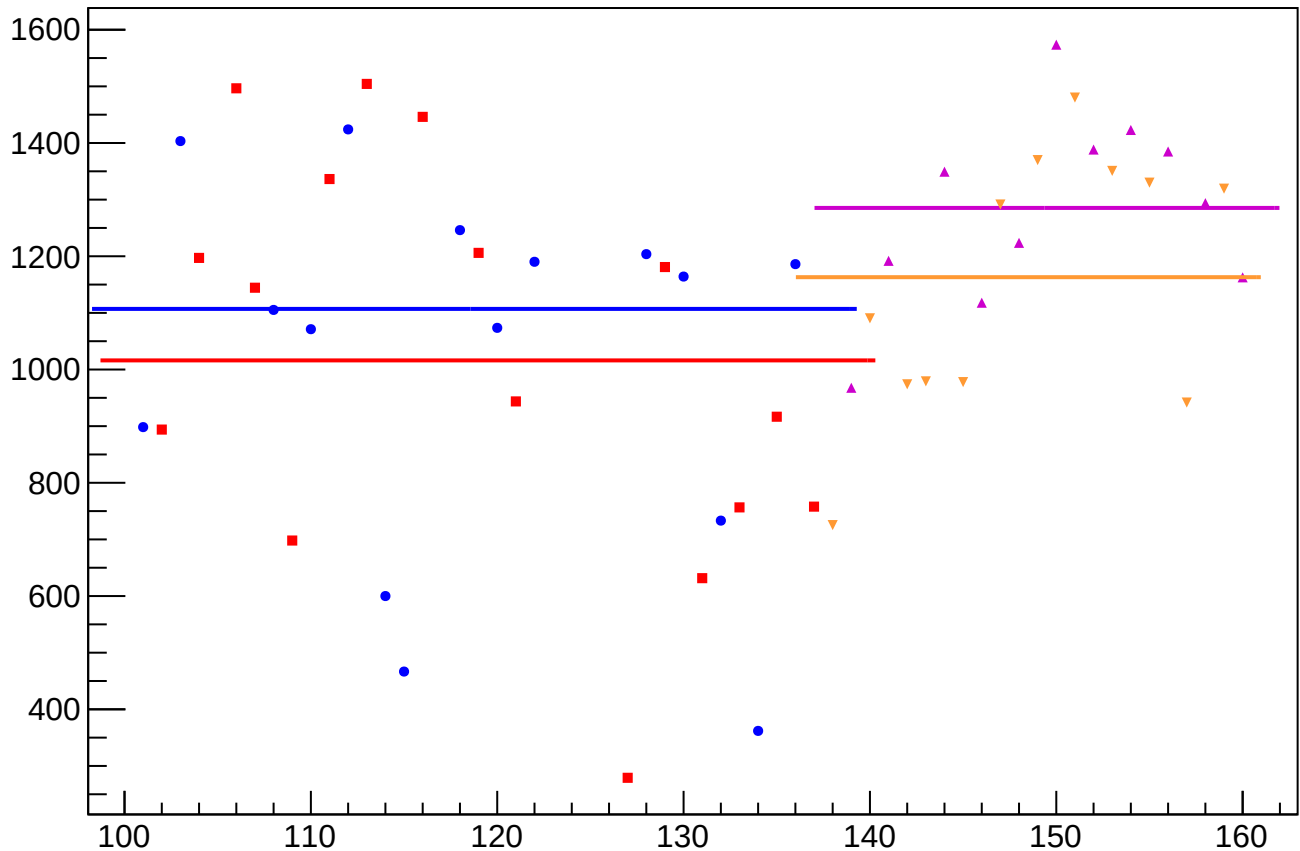
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 952.766+/-0.000 χ^2/NDF : 344202313283542

All: 931.312+/-0.000 χ^2/NDF : 654318684423

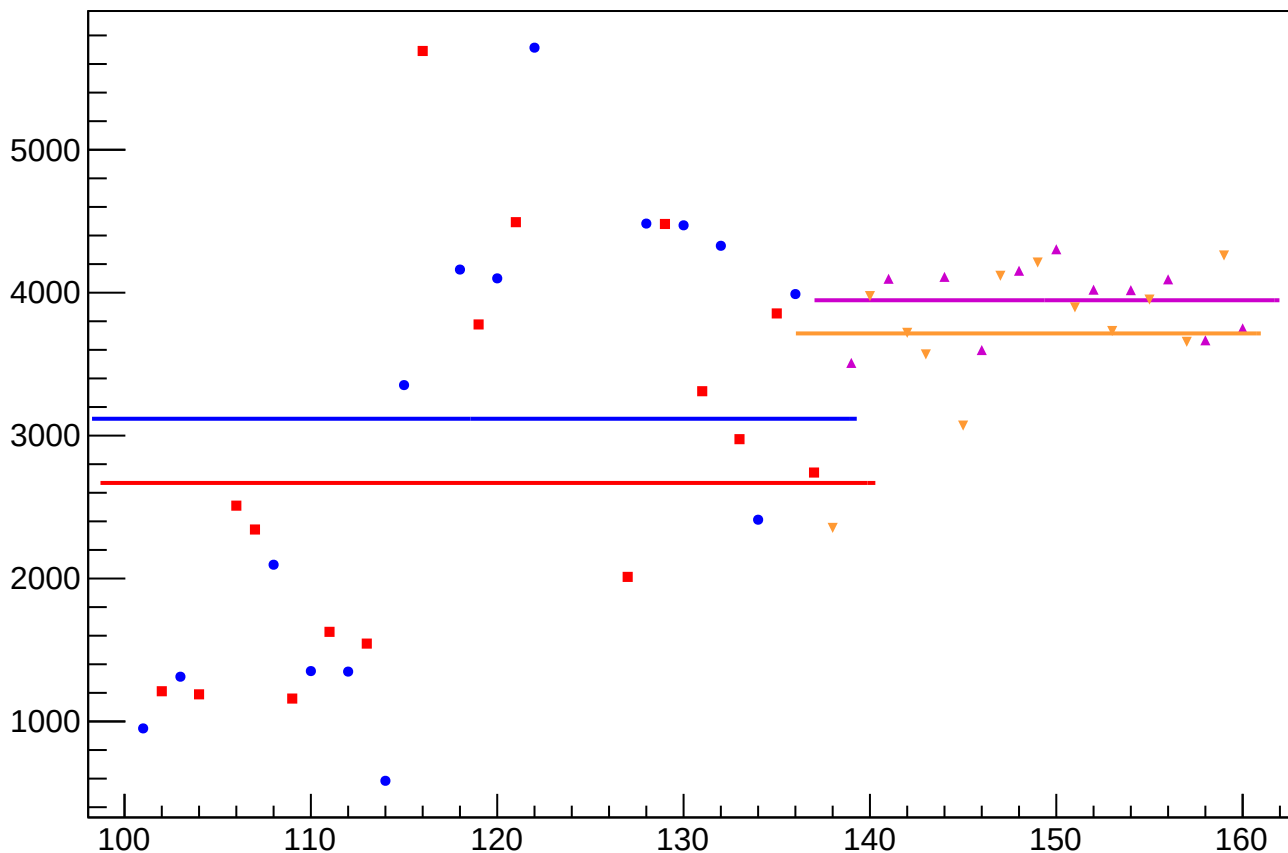
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1156.292 +/- 0.000 χ^2/NDF : 21306550198
 + sign 1139.844 +/- 0.000 χ^2/NDF : 87570338044863
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

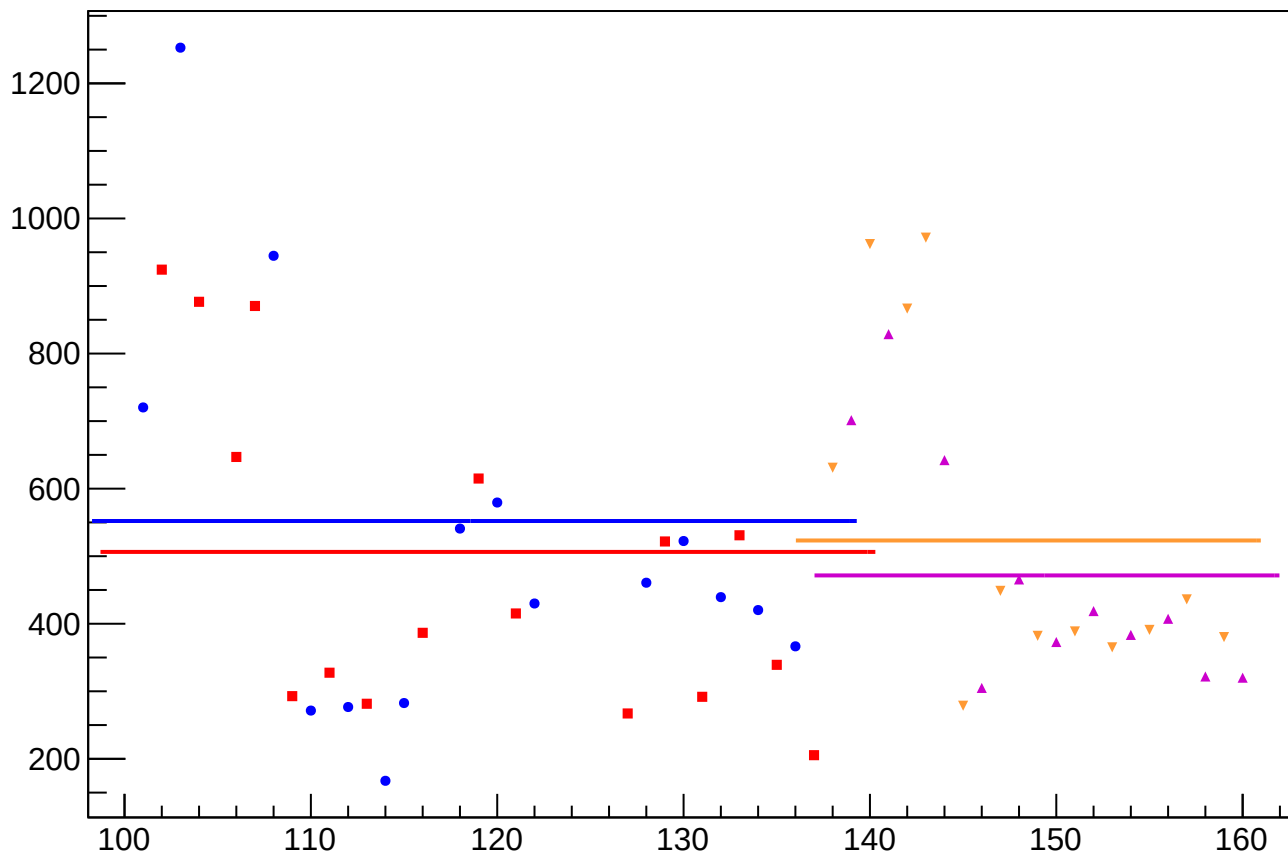
dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14
Left Out: 3714.902+/-0.000	χ^2/NDF : 249652403492940962475363372882127224832.0/11
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15
Left In: 3947.046+/-0.000	χ^2/NDF : 56963661018859057070812095134472077312.0/10

+ sign 3467.491+/-0.000 χ^2/NDF : 19378330855592
 All: 3439.103+/-0.000 χ^2/NDF : 37666438360
 - sign 3411.160+/-0.000 χ^2/NDF : 18263065086829

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

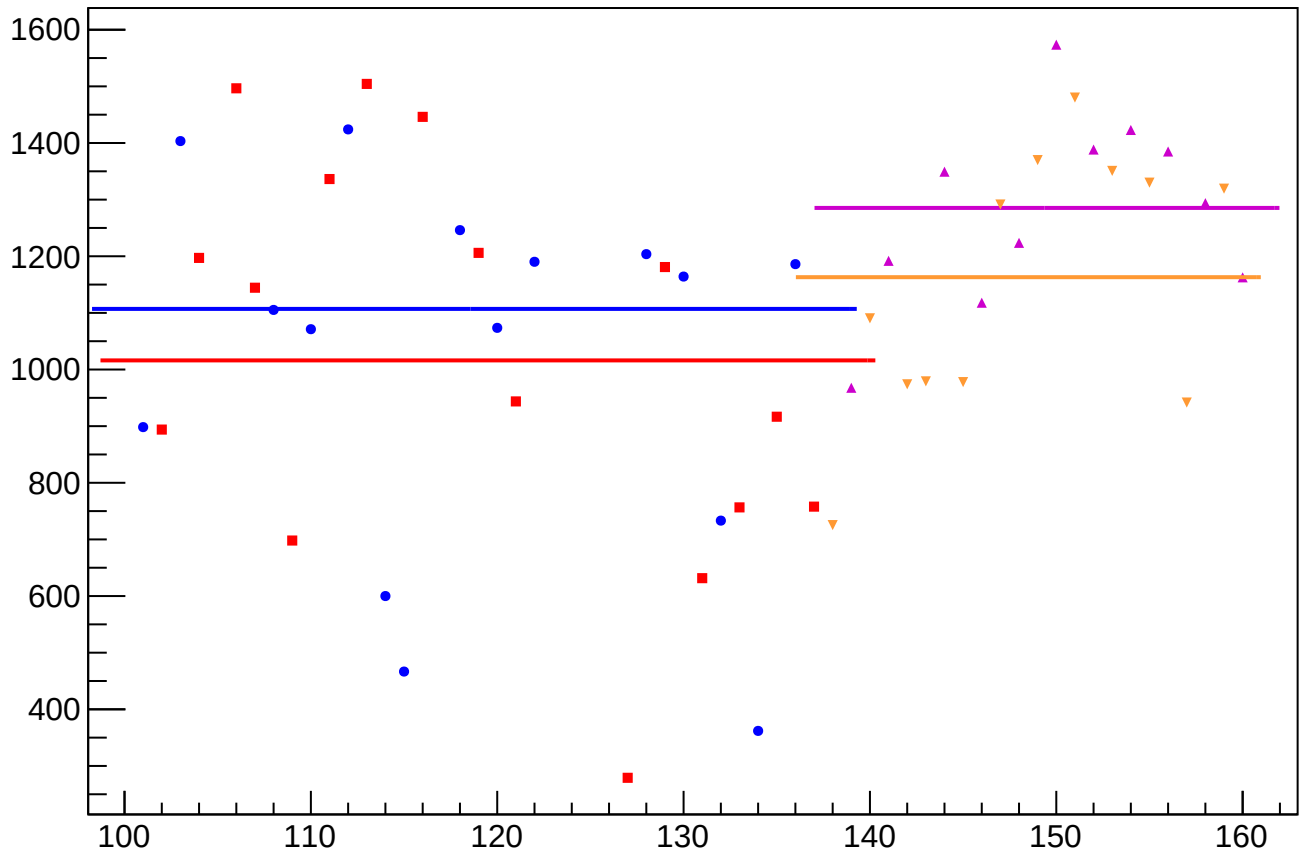
Left Out: 523.267+/-0.000 χ^2/NDF : 49702866244992097410386834059494948864.0/11

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

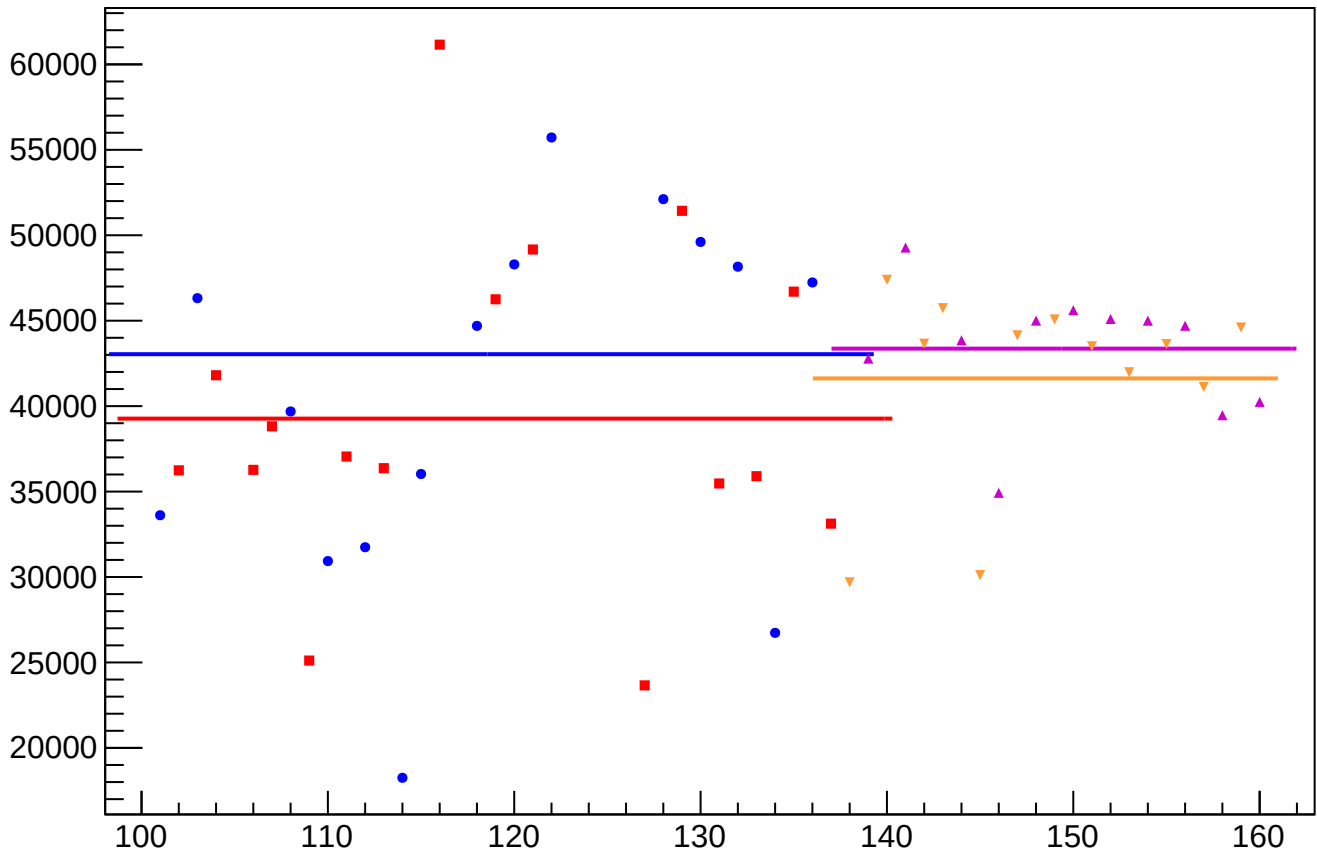
All: 510.481+/-0.000 χ^2/NDF : 165991542524

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1156.292+/-0.000 χ^2/NDF : 21306550198
 + sign 1139.844+/-0.000 χ^2/NDF : 87570338044863
 - sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

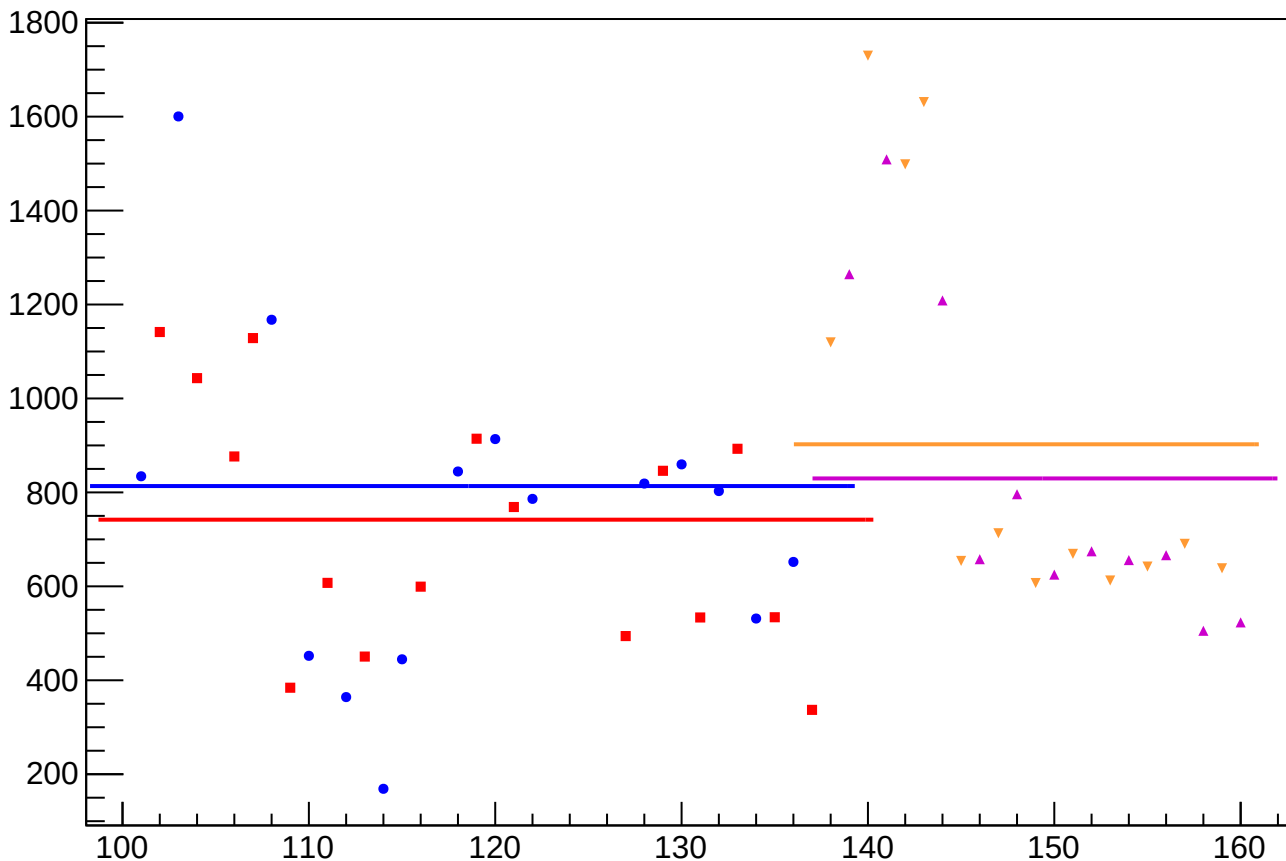
dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41622.622+/-0.000	χ^2/NDF : 28728414397722339003377552504288532496384.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42209.998+/-0.000 χ^2/NDF : 7788886231036
 All: 41926.784+/-0.000 χ^2/NDF : 1487175221
 - sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

+ sign 865.569 $\pm$ 0.000 χ^2 /NDF: 222844128220423

Left Out: 902.421 $\pm$ 0.000 χ^2 /NDF: 152718326074036425760692281422815166464.0/11

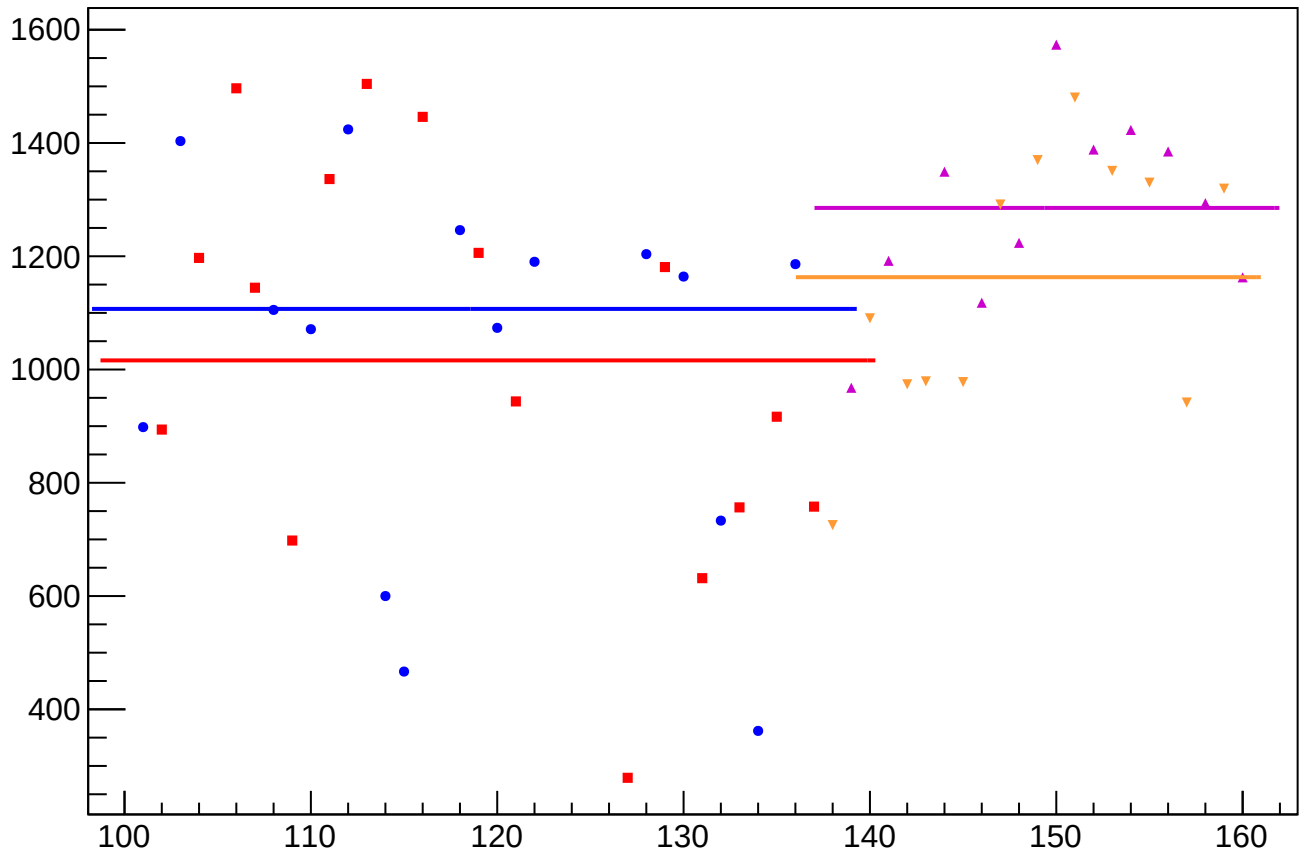
All: 828.949 $\pm$ 0.000 χ^2 /NDF: 37014966283

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

- sign 792.905 $\pm$ 0.000 χ^2 /NDF: 143138450835251

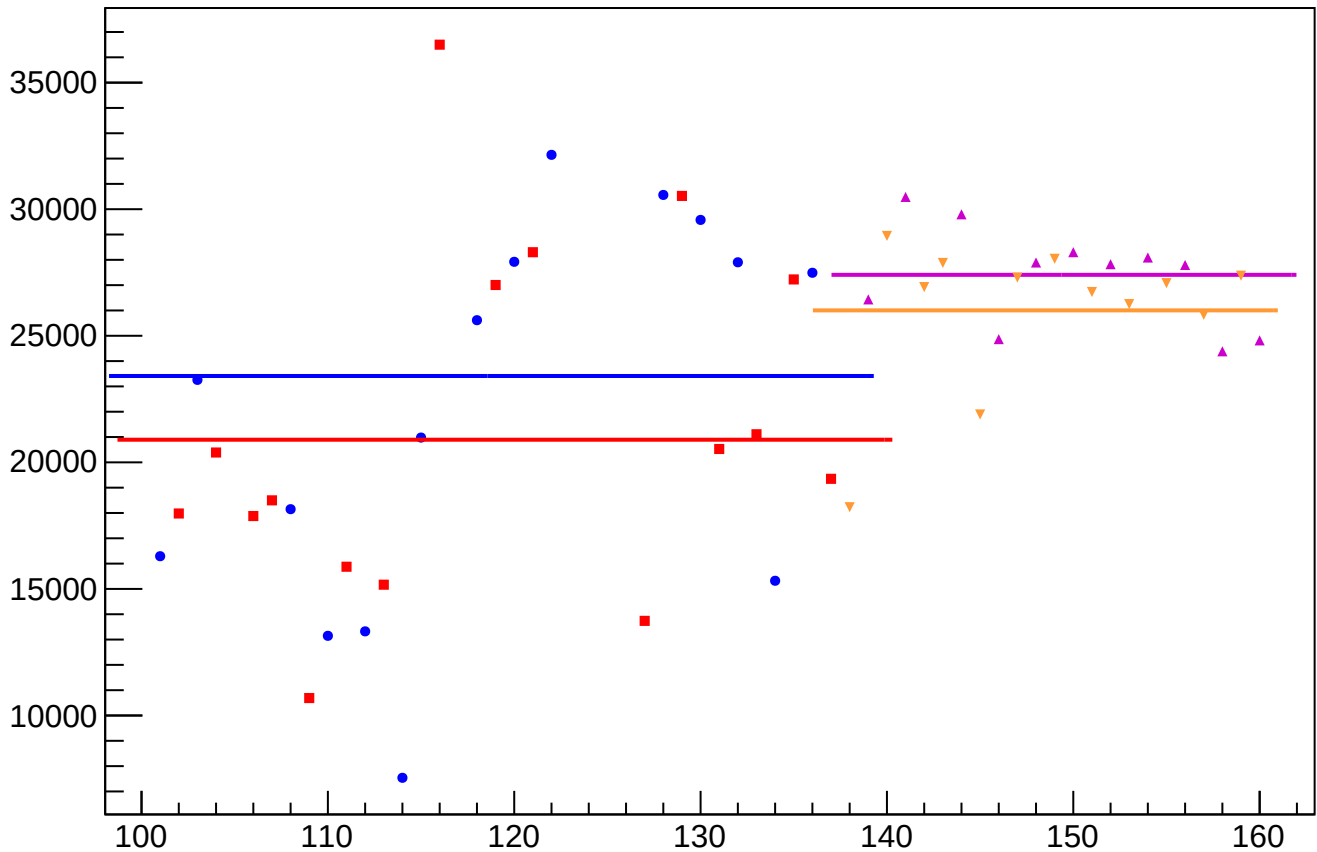
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1139.844+/-0.000	χ^2/NDF : 87570338044863
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	All: 1156.292+/-0.000	χ^2/NDF : 21306550198
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1172.482+/-0.000	χ^2/NDF : 12465444911625
Left In: 1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10		

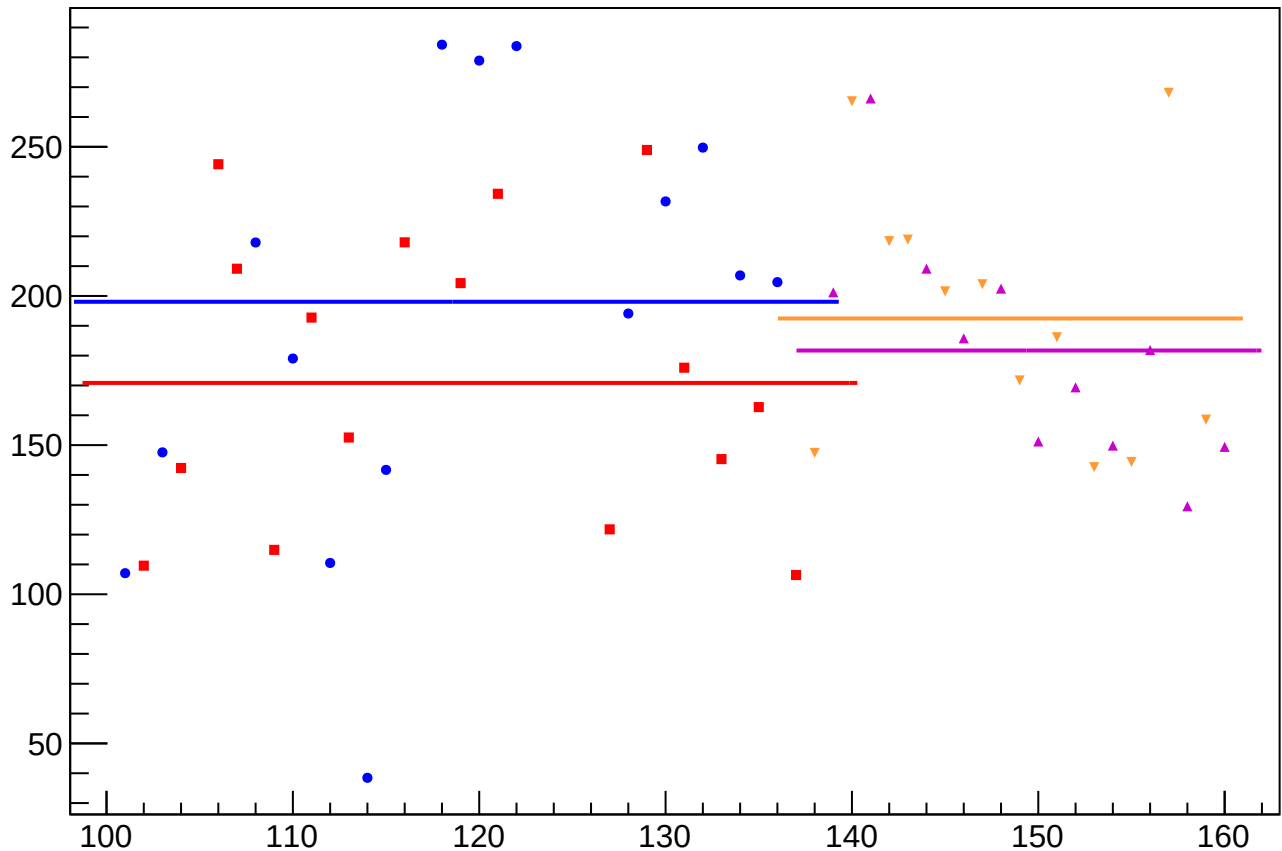
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 26004.082+/-0.000	χ^2/NDF : 7839626408572155503333833682521065259008.0/11
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27407.255+/-0.000	χ^2/NDF : 3322659858866093858426557456838465421312.0/10

+ sign 24929.637+/-0.000 χ^2/NDF : 3882146204538
 All: 24802.184+/-0.000 χ^2/NDF : 8603621147
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

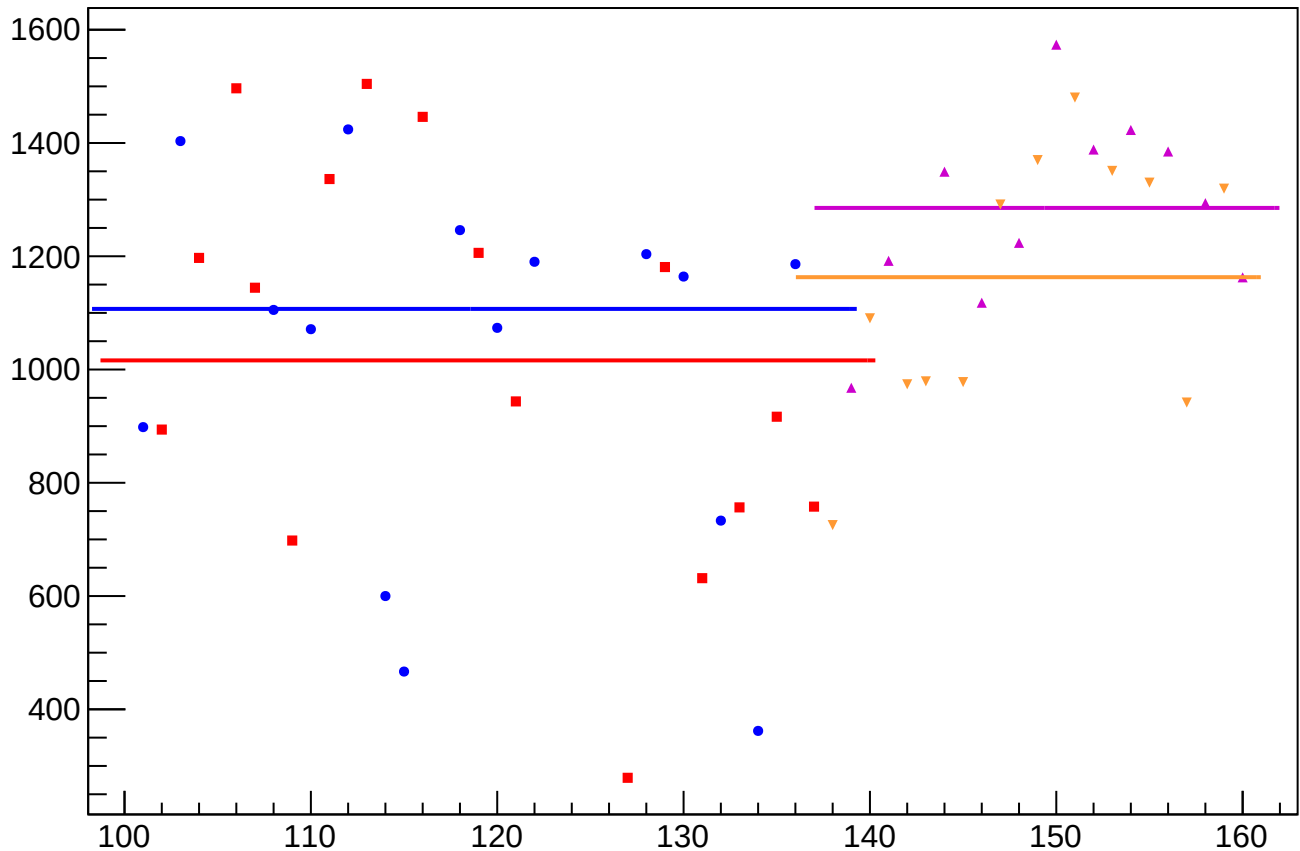
dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000	χ^2/NDF : 2482928792293864415922382990034862080.0/14
Left Out: 192.452+/-0.000	χ^2/NDF : 1667687947841400069416399021327515648.0/11
Right Out: 170.851+/-0.000	χ^2/NDF : 1418314816915016425155520631536615424.0/15
Left In: 181.711+/-0.000	χ^2/NDF : 1228549704796737698218369408017891328.0/10

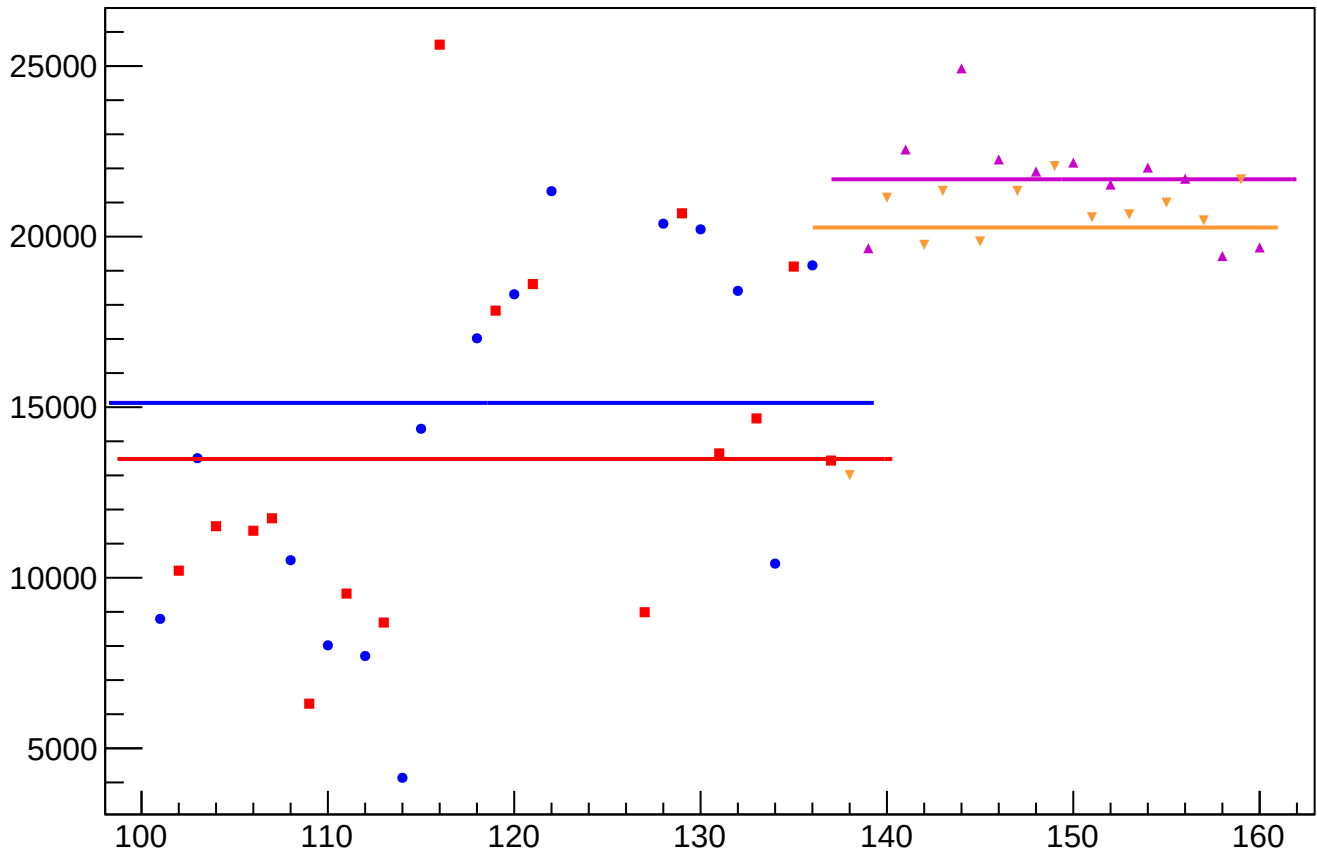
+ sign 194.774+/-0.000 χ^2/NDF : 416254991796562
 All: 185.897+/-0.000 χ^2/NDF : 71000026206
 - sign 177.159+/-0.000 χ^2/NDF : 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



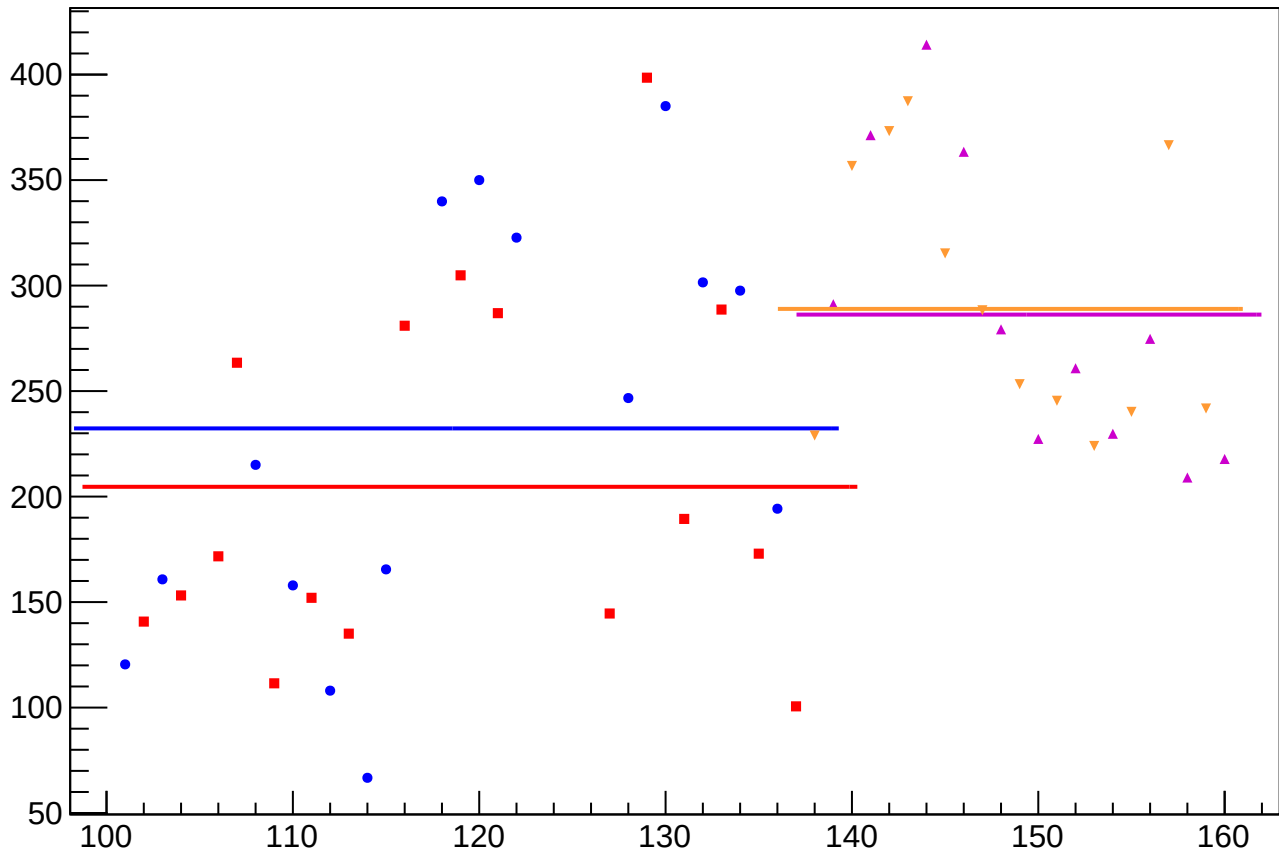
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1156.292 +/- 0.000 χ^2/NDF : 21306550198
 + sign 1139.844 +/- 0.000 χ^2/NDF : 87570338044863
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 20266.540+/-0.000 χ^2/NDF : 4863660224752470739172242695454111825920.0/11
 Right Out: 13482.244+/-0.000 χ^2/NDF : 159104264754078252502248749810022088704.0/15
 Left In: 21681.241+/-0.000 χ^2/NDF : 2108874573649202621711530332866310307840.0/10

dit_sam6_coil4_err_mean vs Slug



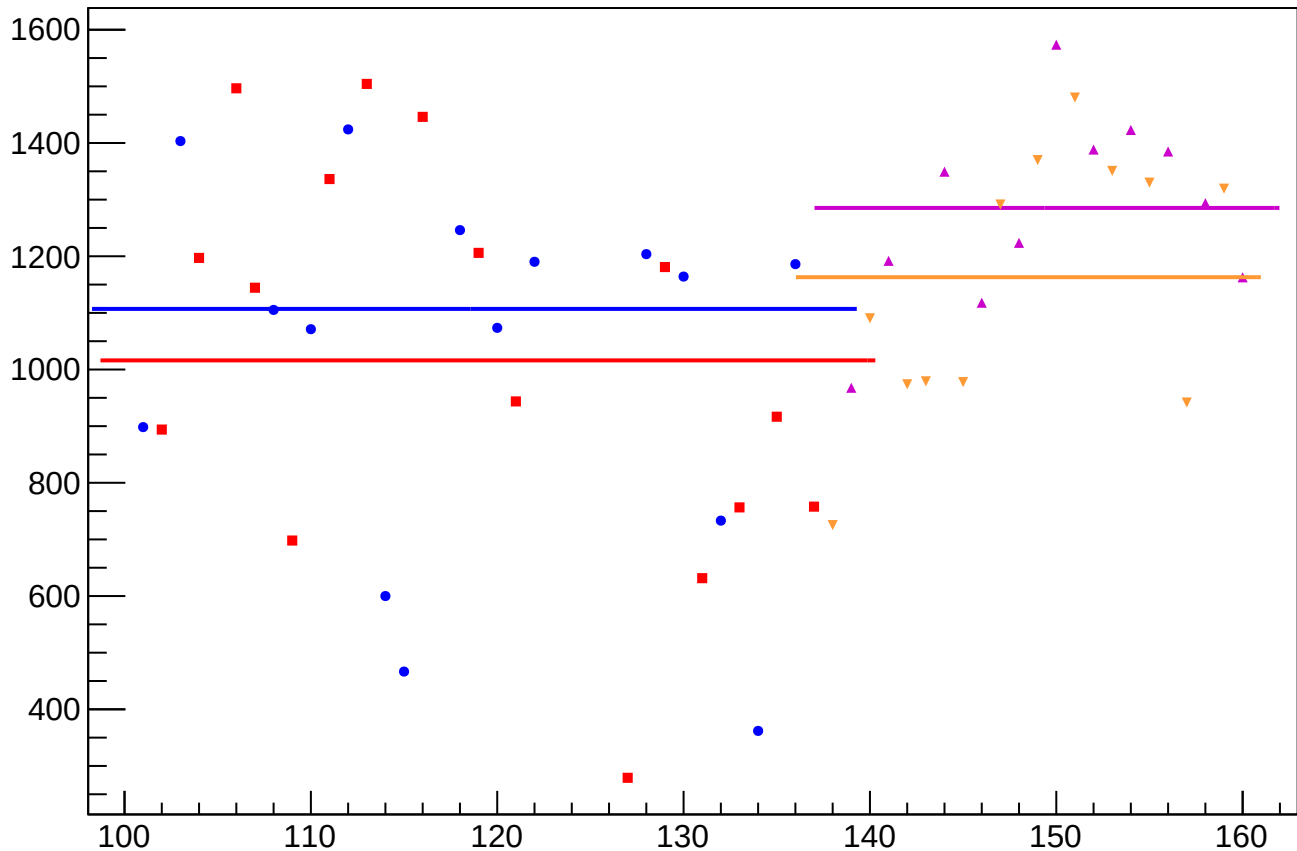
Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14
Left Out: 288.949+/-0.000	χ^2/NDF : 3144080021405635930356092886432350208.0/11
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10

+ sign 265.477+/-0.000 χ^2/NDF : 984130462925206

All: 258.702+/-0.000 χ^2/NDF : 21186037696

- sign 252.033+/-0.000 χ^2/NDF : 112020972383493

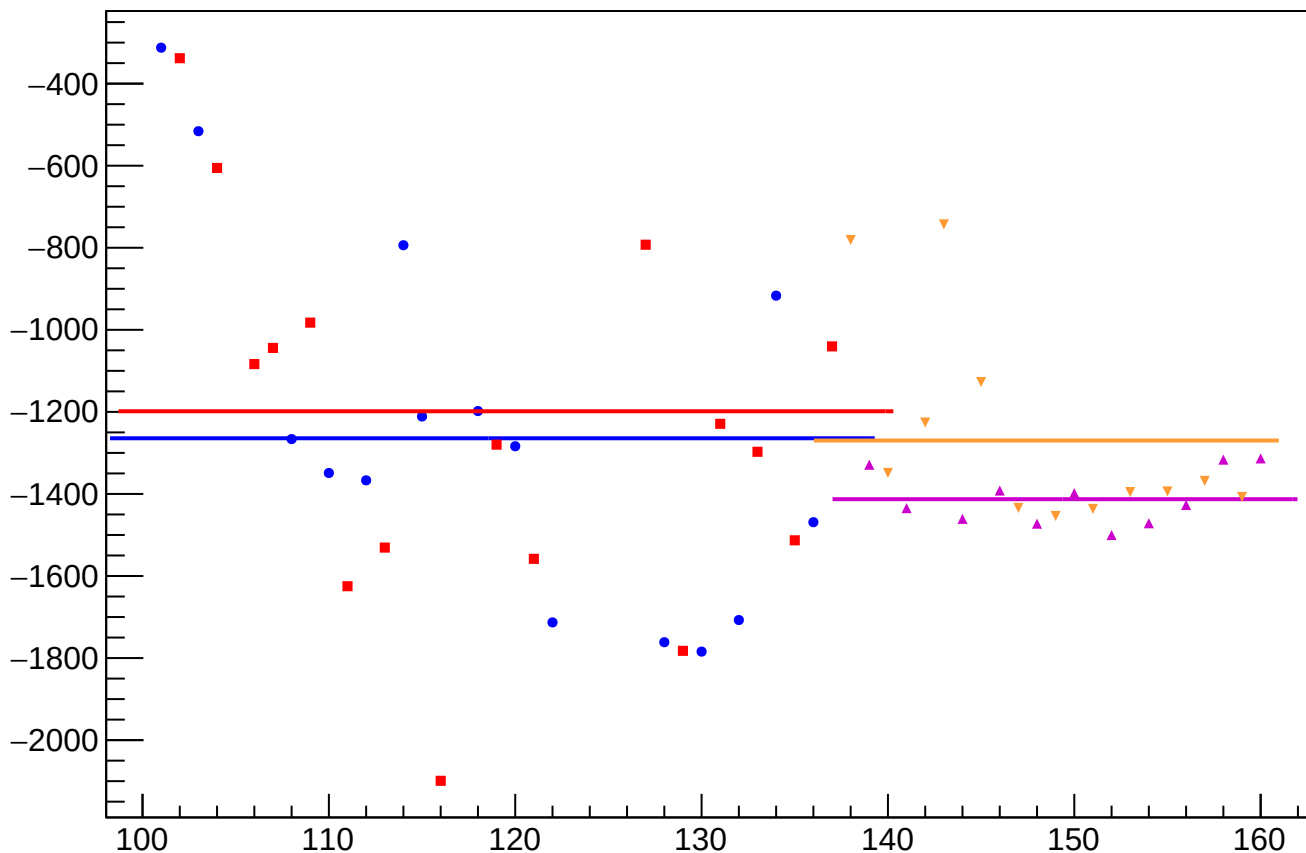
dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

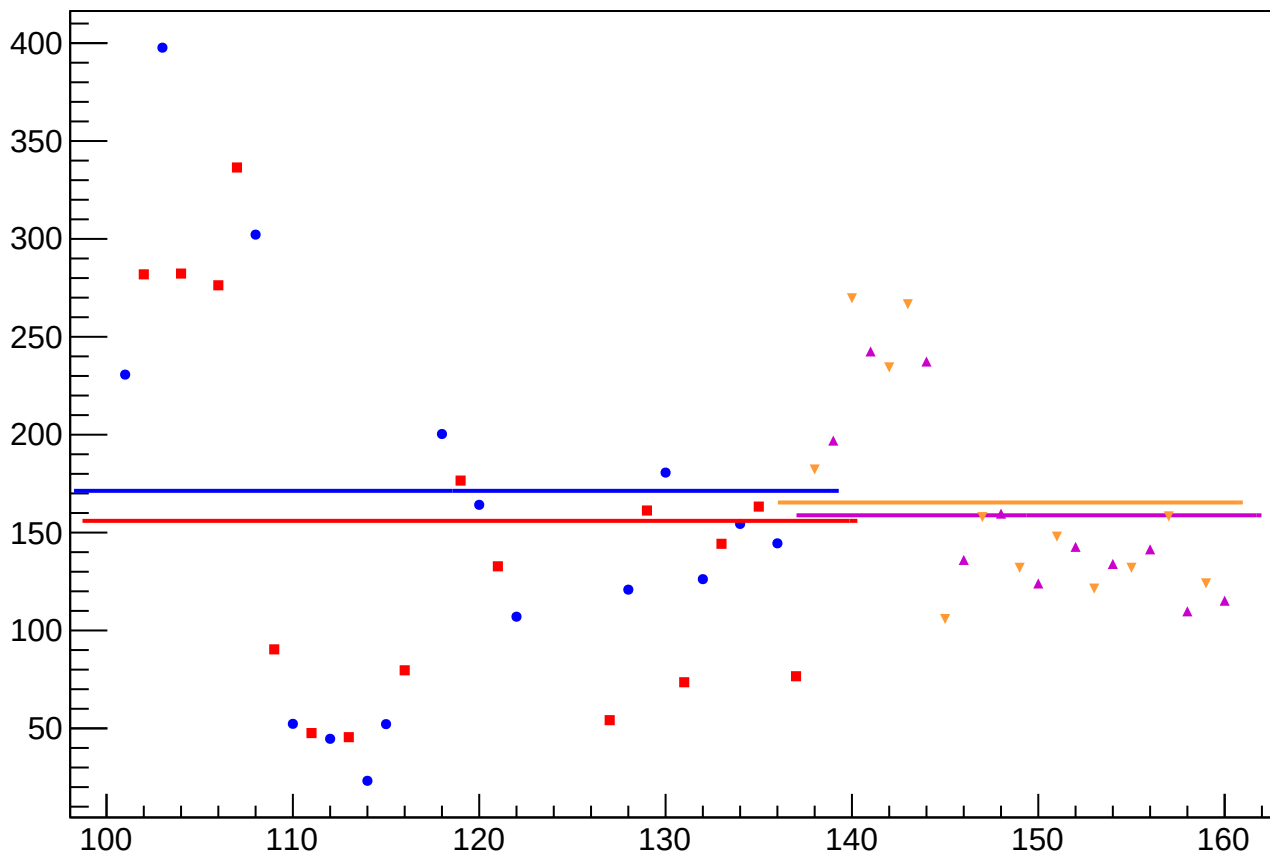
+ sign 1139.844 $\pm$ 0.000 χ^2 /NDF: 87570338044863
 All: 1156.292 $\pm$ 0.000 χ^2 /NDF: 21306550198
 - sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

dit_sam7_coil4_mean vs Slug



Right In: -1264.303 ± 0.000 $\chi^2/\text{NDF}: 140215251538502657549173994543931981824.0/14$
 Left Out: -1269.744 ± 0.000 $\chi^2/\text{NDF}: 51411109749220710488956261055634341888.0/11$
 Right Out: -1198.483 ± 0.000 $\chi^2/\text{NDF}: 131164763898016793515492217696167133184.0/15$
 Left In: -1412.771 ± 0.000 $\chi^2/\text{NDF}: 3642959557366432228461510163957809152.0/10$

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14

+ sign 167.840+/-0.000 χ^2/NDF : 875675526414248

Left Out: 165.375+/-0.000 χ^2/NDF : 2622335351174785803279271276281069568.0/11

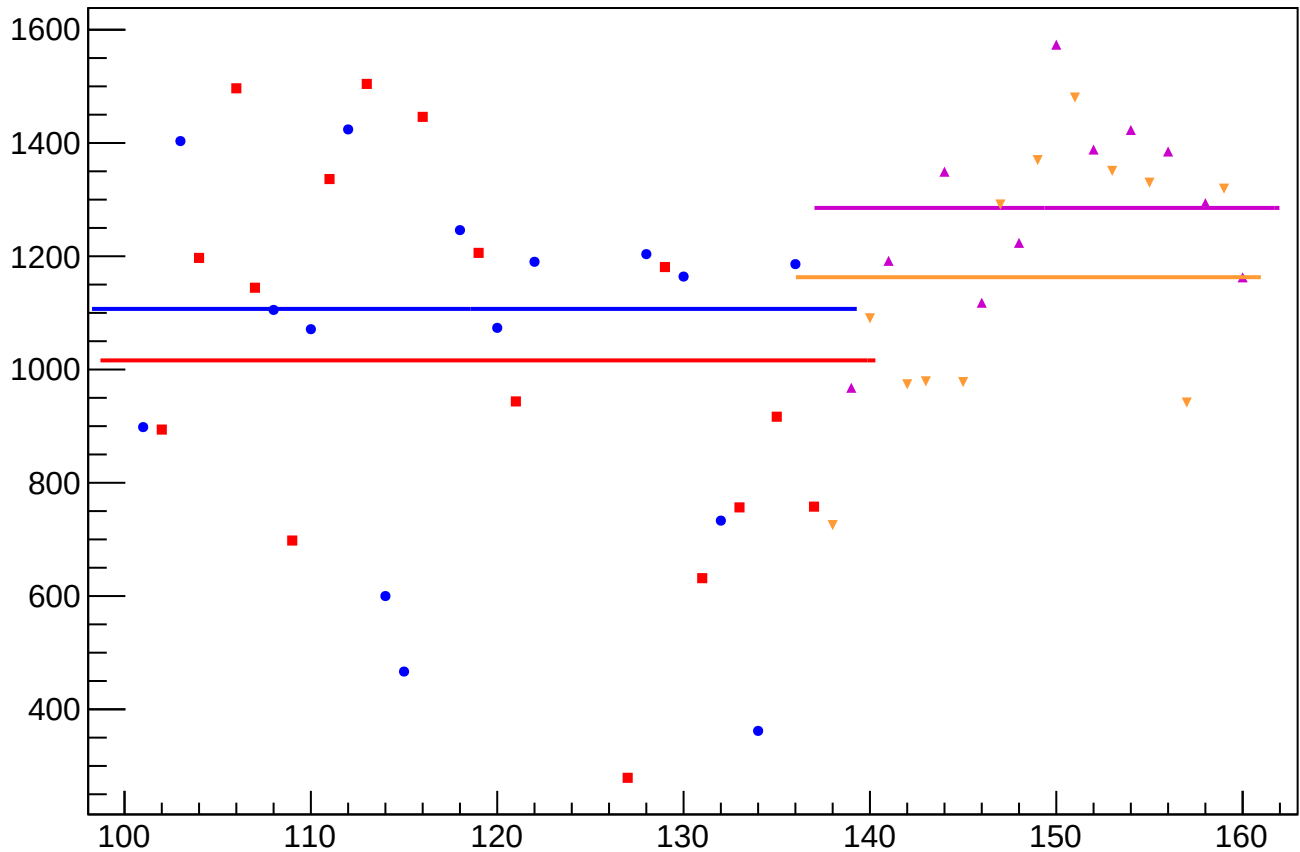
All: 162.701+/-0.000 χ^2/NDF : 16375906159

Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15

- sign 157.643+/-0.000 χ^2/NDF : 753709484799884

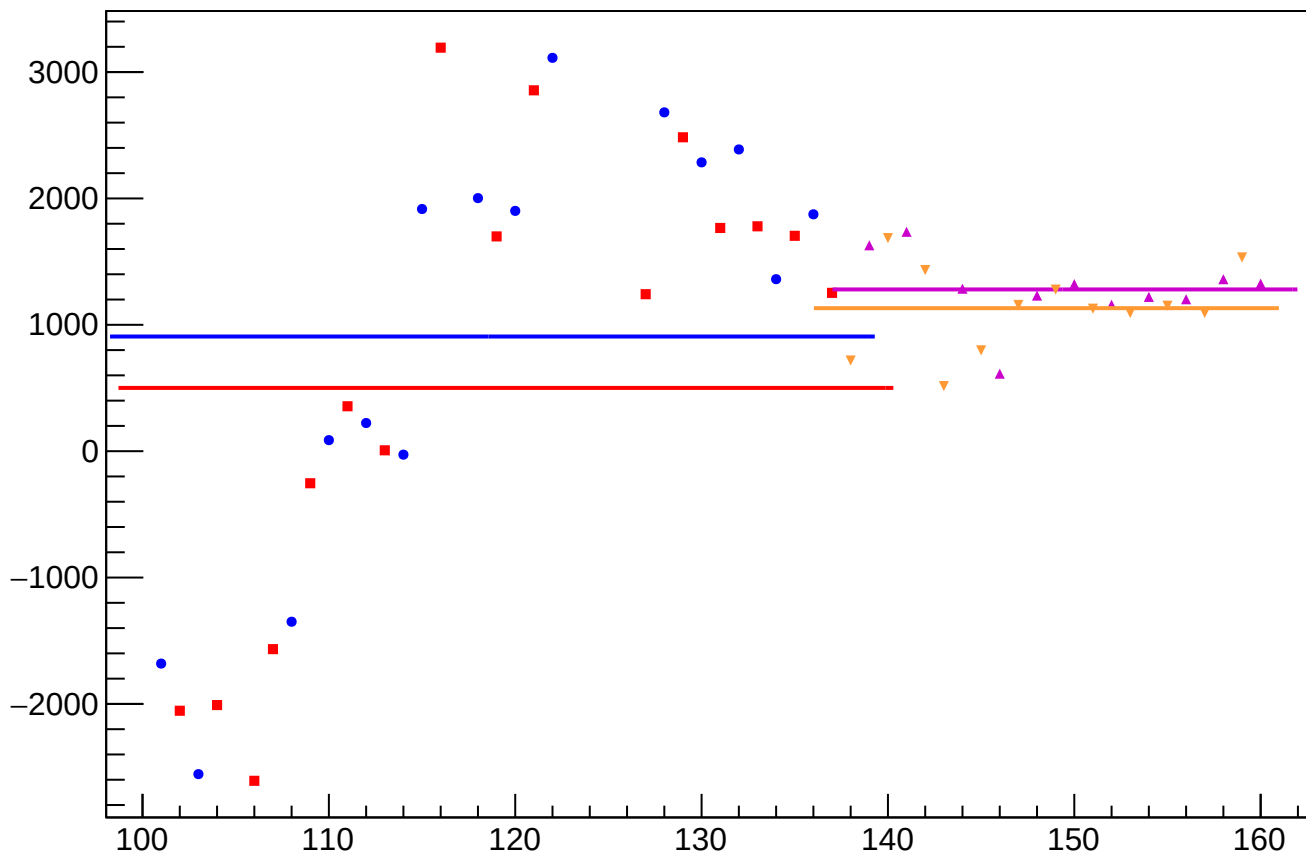
Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_sam8_coil4_mean vs Slug



Right In: 907.442 $\pm$ 0.000 χ^2 /NDF: 2107238007691848638499662178406566461440.0/14

+ sign 1038.815 $\pm$ 0.000 χ^2 /NDF: 22186941302741

Left Out: 1131.794 $\pm$ 0.000 χ^2 /NDF: 92327464318942529302079754204983853056.0/11

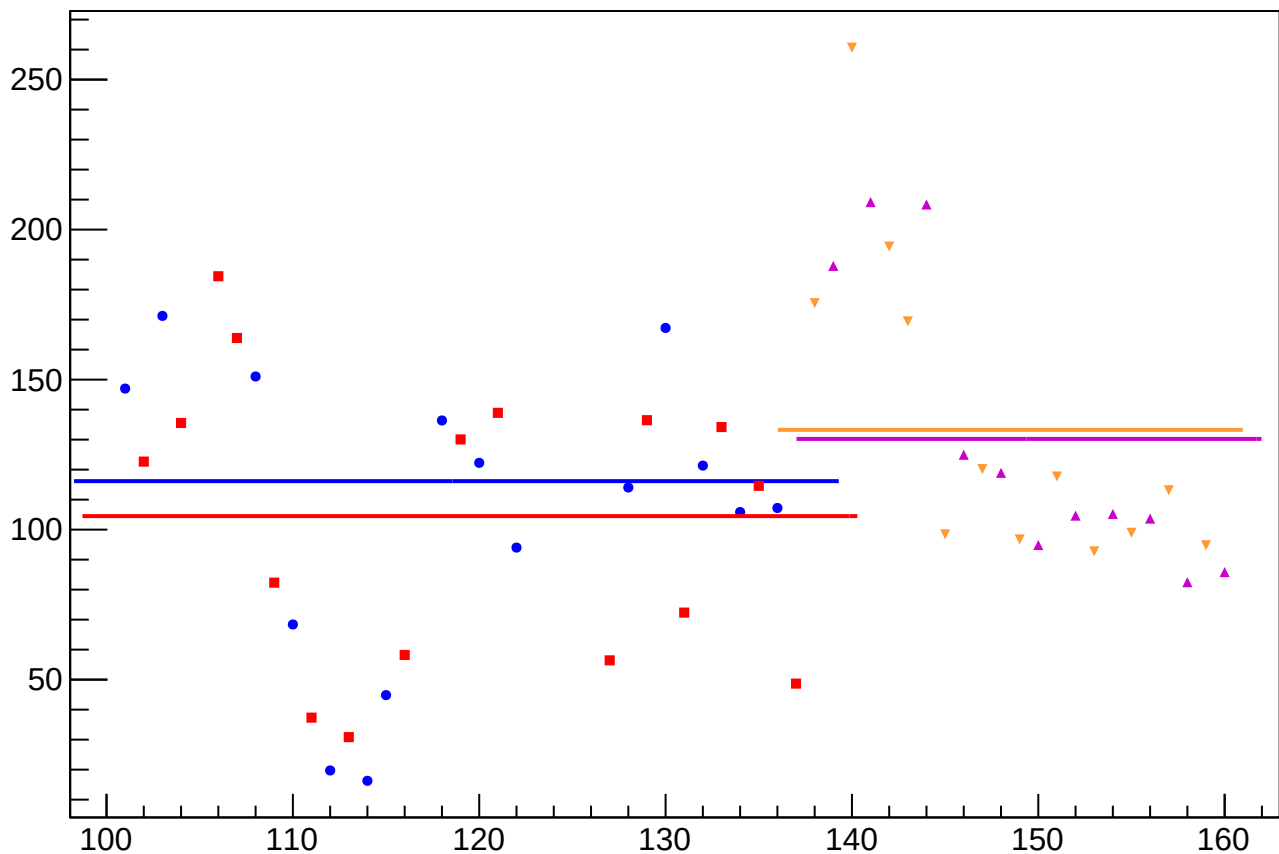
All: 995.711 $\pm$ 0.000 χ^2 /NDF: 46015505326

Right Out: 500.689 $\pm$ 0.000 χ^2 /NDF: 2074232918749953174436803426379074895872.0/15

- sign 953.284 $\pm$ 0.000 χ^2 /NDF: 237708288217536

Left In: 1279.995 $\pm$ 0.000 χ^2 /NDF: 67592304703884032028559239448782438400.0/10

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14

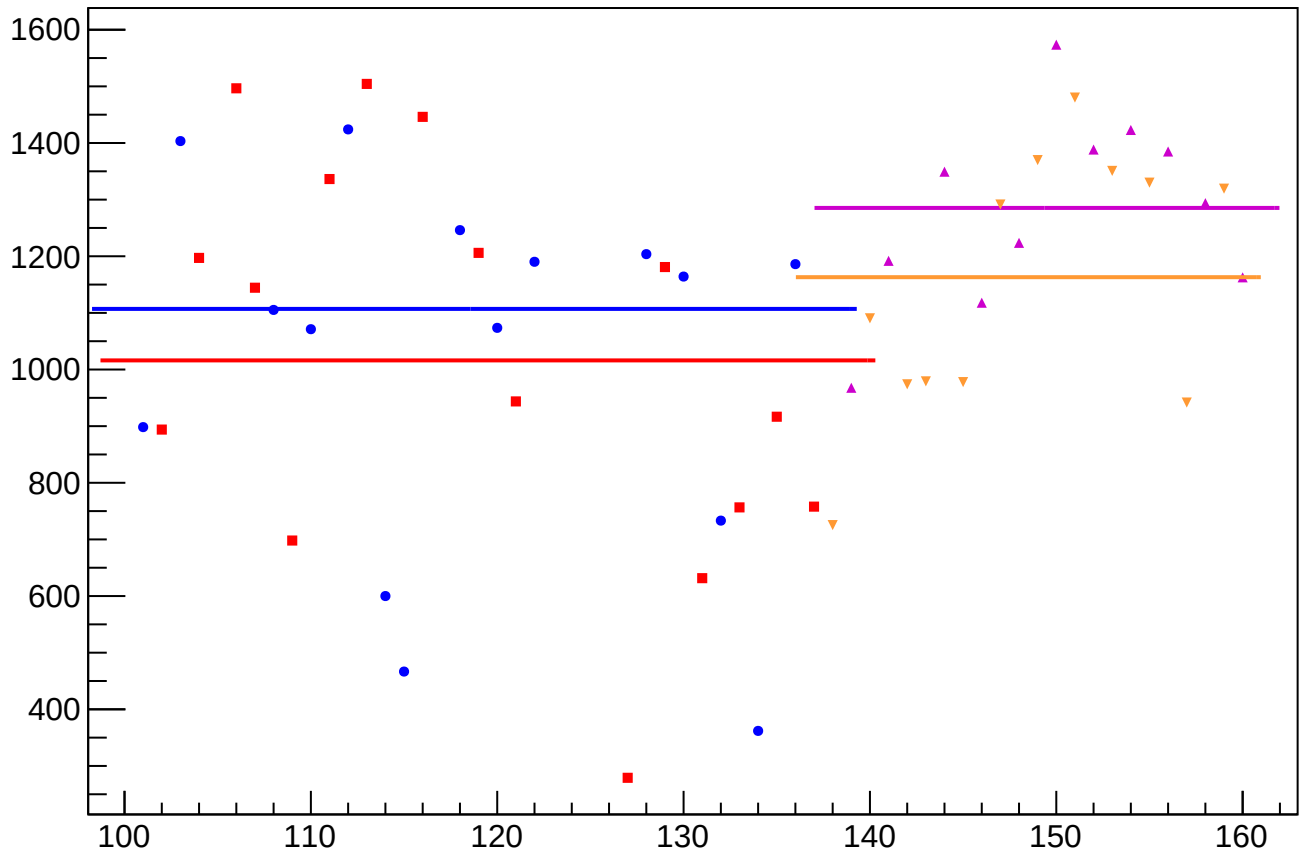
Left Out: 133.258+/-0.000 χ^2/NDF : 2355510699309539172490444744349974528.0/11

Right Out: 104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15

Left In: 130.237+/-0.000 χ^2/NDF : 1968814259217478663576054483231178752.0/10

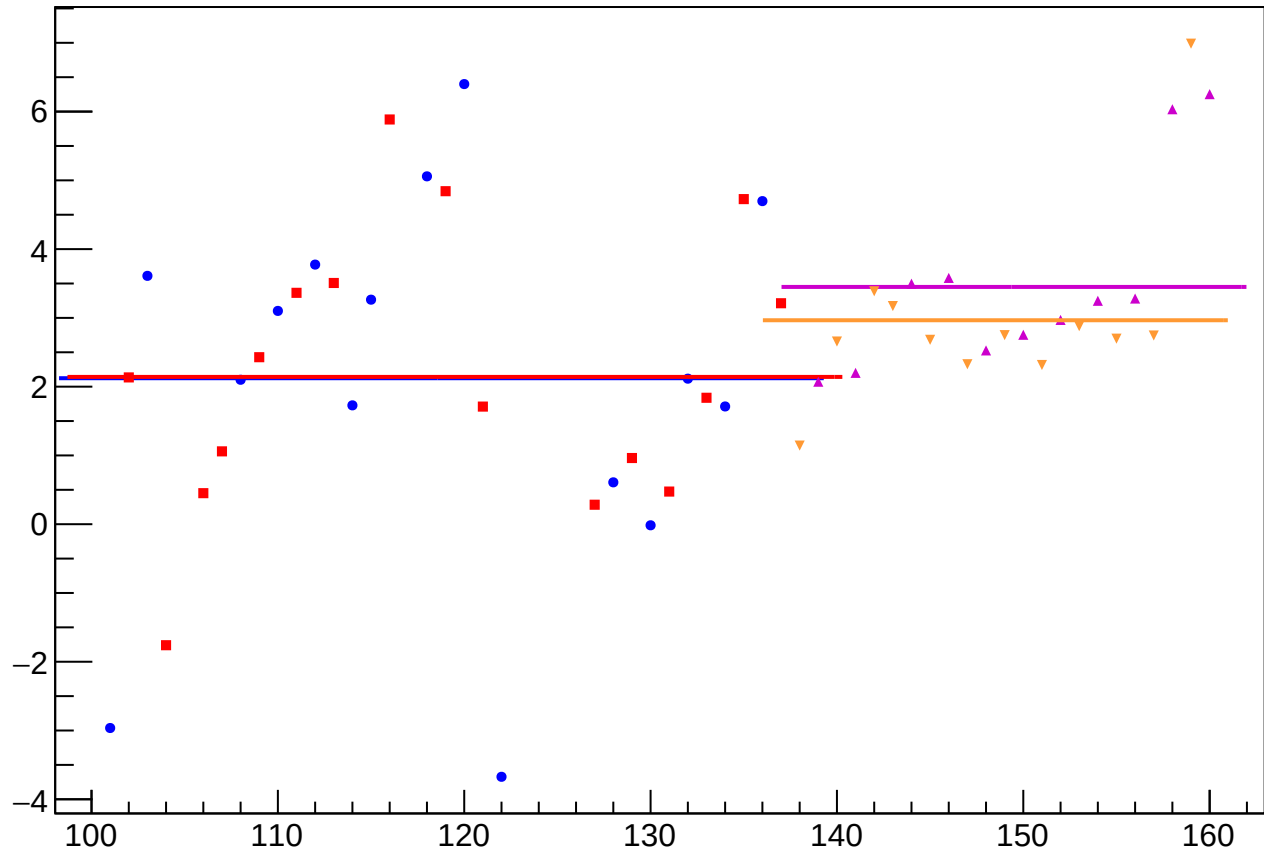
+ sign 126.172+/-0.000 χ^2/NDF : 366514873637822
All: 122.783+/-0.000 χ^2/NDF : 721221097138
- sign 119.447+/-0.000 χ^2/NDF : 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 +/- 0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1156.292 +/- 0.000 χ^2/NDF : 21306550198
 + sign 1139.844 +/- 0.000 χ^2/NDF : 87570338044863
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

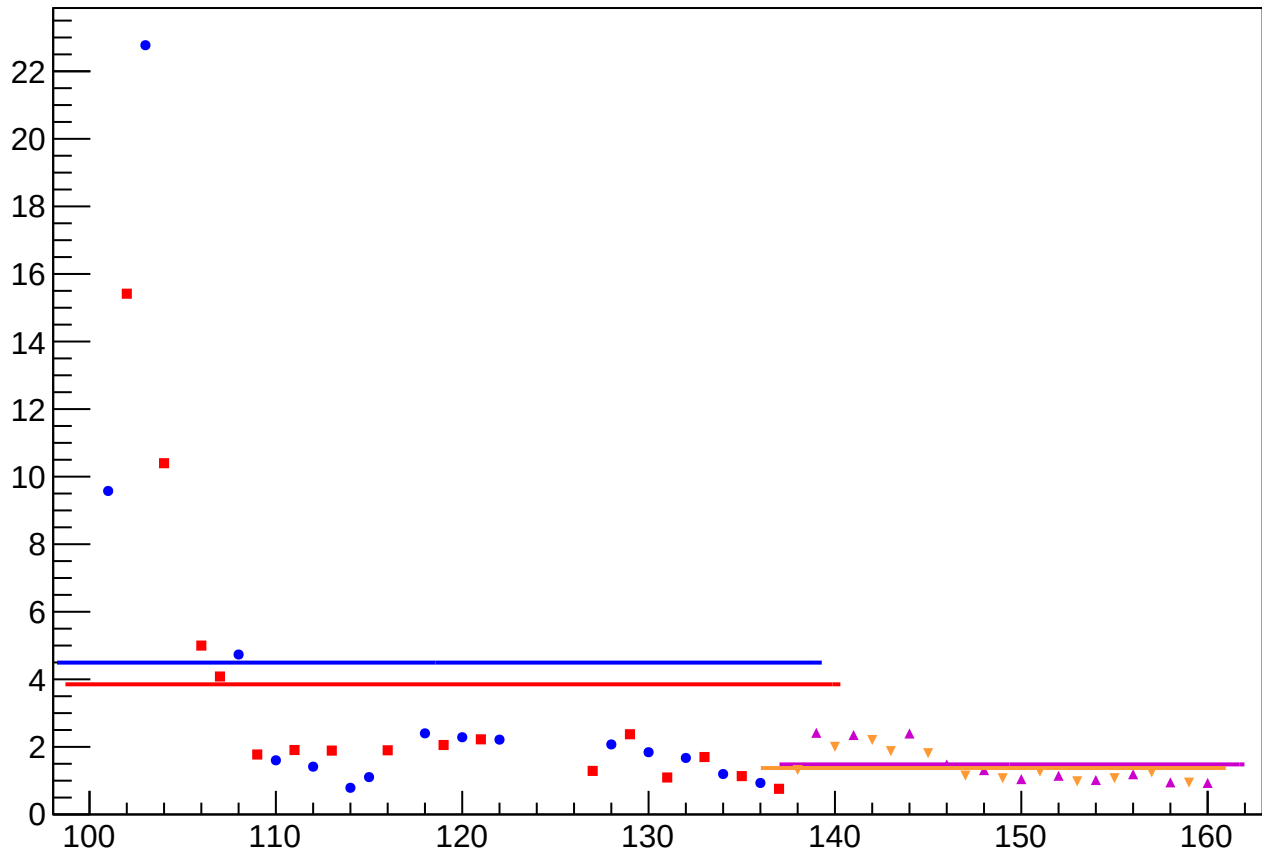
dit_4aX_coil6_mean vs Slug



Right In: 2.123 ± 0.000	χ^2/NDF : 5263705922821075971022013849403392.0/14
Left Out: 2.966 ± 0.000	χ^2/NDF : 1657147599544170270871306245242880.0/11
Right Out: 2.142 ± 0.000	χ^2/NDF : 2472949940993672466161692257026048.0/15
Left In: 3.450 ± 0.000	χ^2/NDF : 1551935058842125730993767819771904.0/10

$+ \text{sign } 2.616 \pm 0.000 \quad \chi^2/\text{NDF}: 71907889220170807$
 $\text{All: } 2.760 \pm 0.000 \quad \chi^2/\text{NDF}: 11943217420921$
 $- \text{sign } 2.902 \pm 0.000 \quad \chi^2/\text{NDF}: 46881653143346508$

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14

Left Out: 1.375+/-0.000 χ^2/NDF : 145824137057123098329032148647936.0/11

Right Out: 3.852+/-0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15

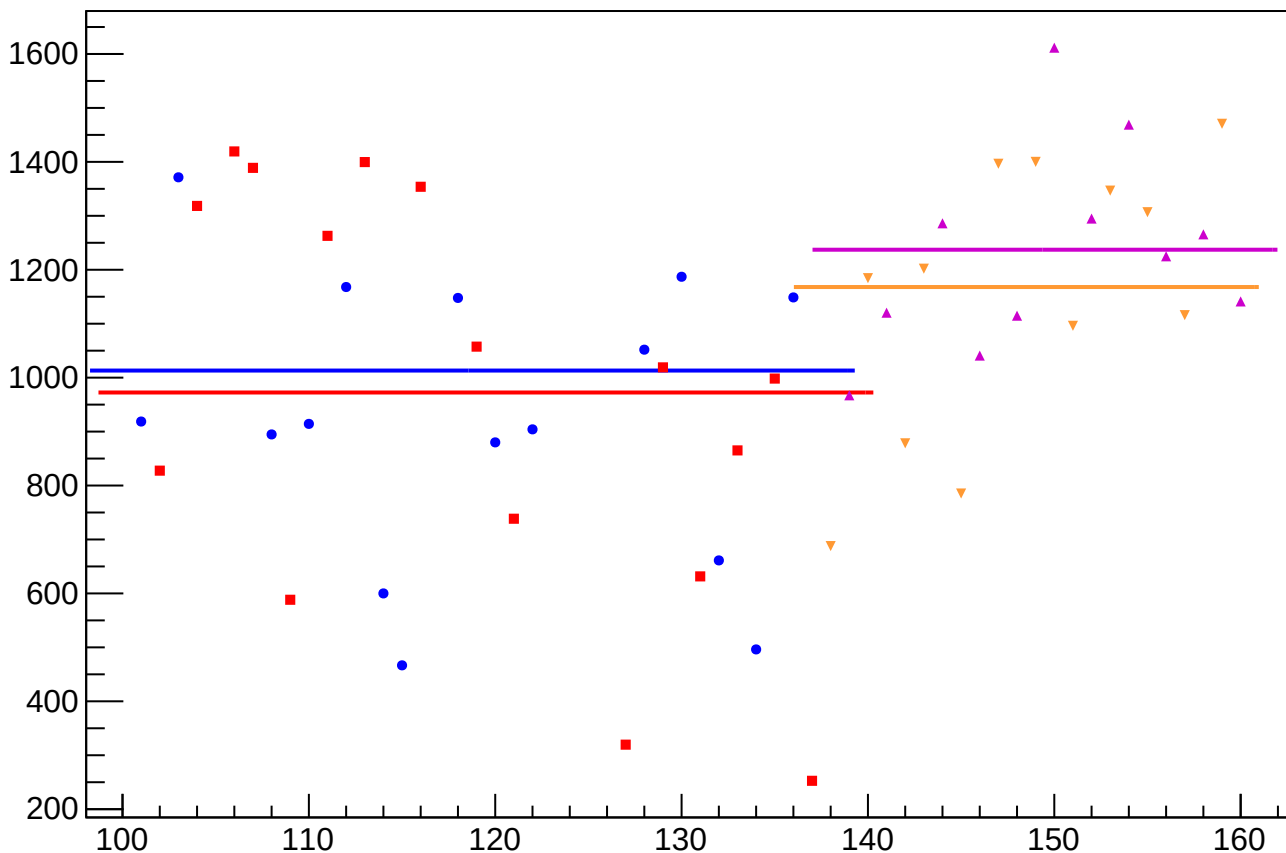
Left In: 1.482+/-0.000 χ^2/NDF : 310337710475779495774509405831168.0/10

+ sign 2.668+/-0.000 χ^2/NDF : 29116582581776454

All: 2.571+/-0.000 χ^2/NDF : 43948176556660

- sign 2.476+/-0.000 χ^2/NDF : 14802405912641910

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

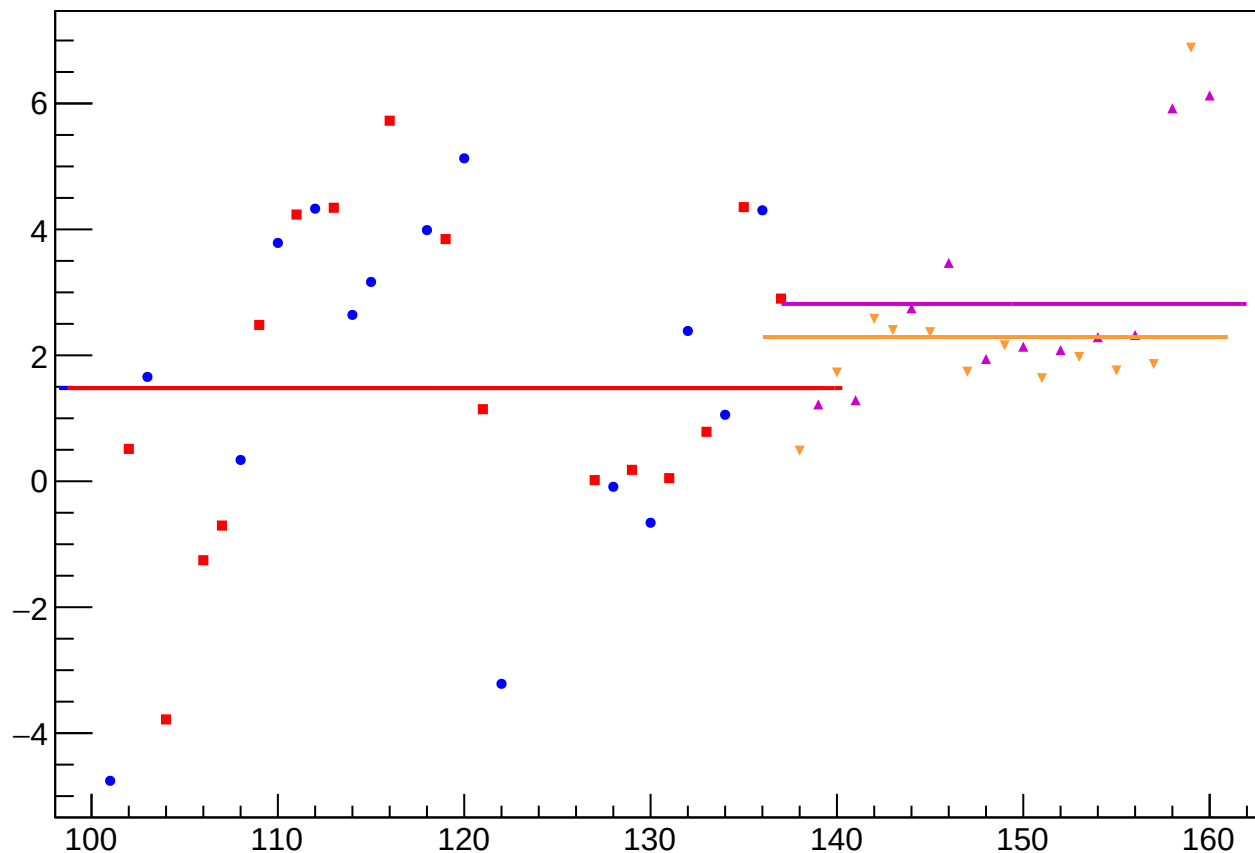
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000

χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 2.290+/-0.000

χ^2/NDF : 2078203934623339407466741505196032.0/11

Right Out: 1.480+/-0.000

χ^2/NDF : 4092645800613765572662987820367872.0/15

Left In: 2.816+/-0.000

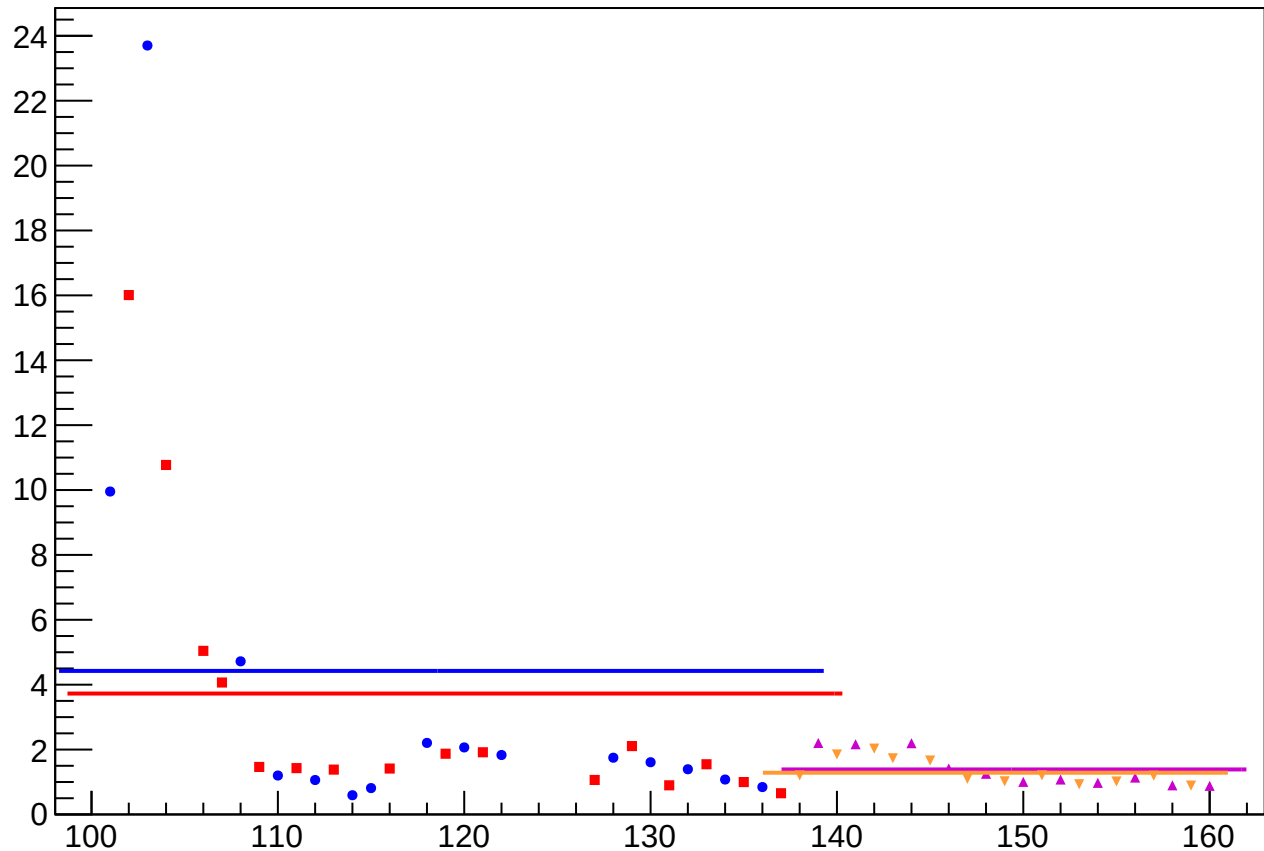
χ^2/NDF : 2230790234579581781884760219451392.0/10

+ sign 1.955+/-0.000 χ^2/NDF : 81275031284307058

All: 2.107+/-0.000 χ^2/NDF : 15214247821450

- sign 2.256+/-0.000 χ^2/NDF : 70149440633078184

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424 $\pm$ 0.000 χ^2 /NDF: 28257459272876210608839830473277440.0/14

Left Out: 1.287 $\pm$ 0.000 χ^2 /NDF: 115572710425974542014826355359744.0/11

Right Out: 3.727 $\pm$ 0.000 χ^2 /NDF: 13991816814749842519794284853460992.0/15

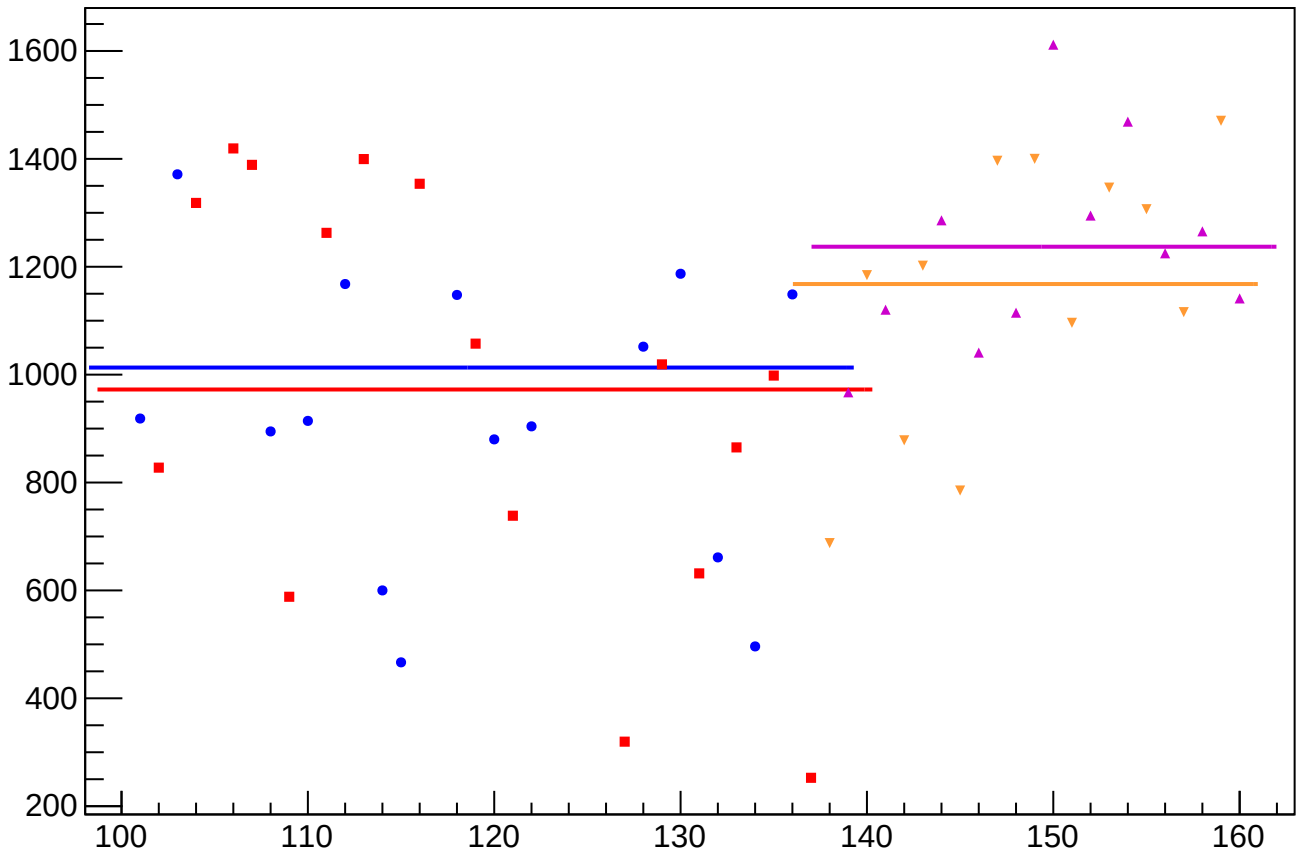
Left In: 1.387 $\pm$ 0.000 χ^2 /NDF: 245381205913734368947829561360384.0/10

+ sign 2.587 $\pm$ 0.000 χ^2 /NDF: 32115021501511057

All: 2.477 $\pm$ 0.000 χ^2 /NDF: 48510826313860

- sign 2.368 $\pm$ 0.000 χ^2 /NDF: 16358007863357496

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

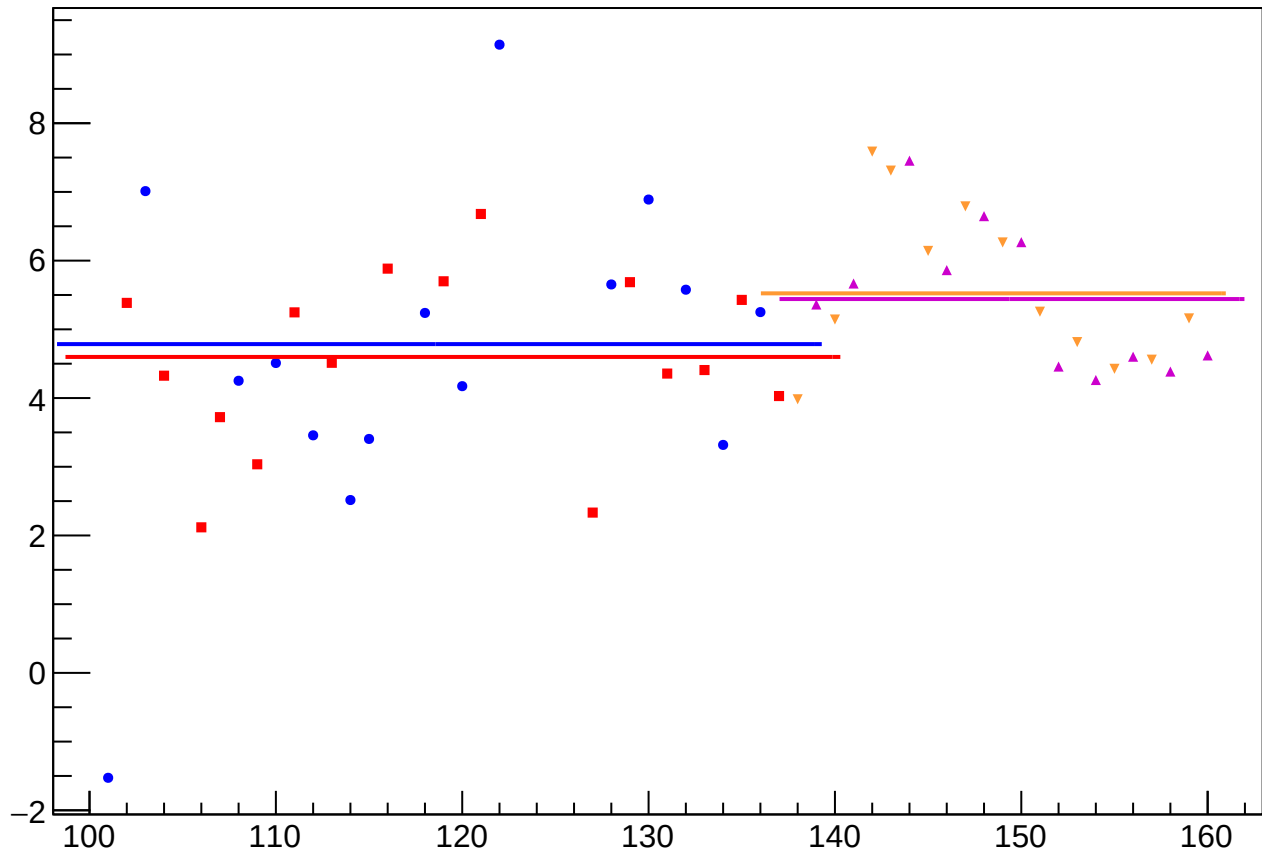
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

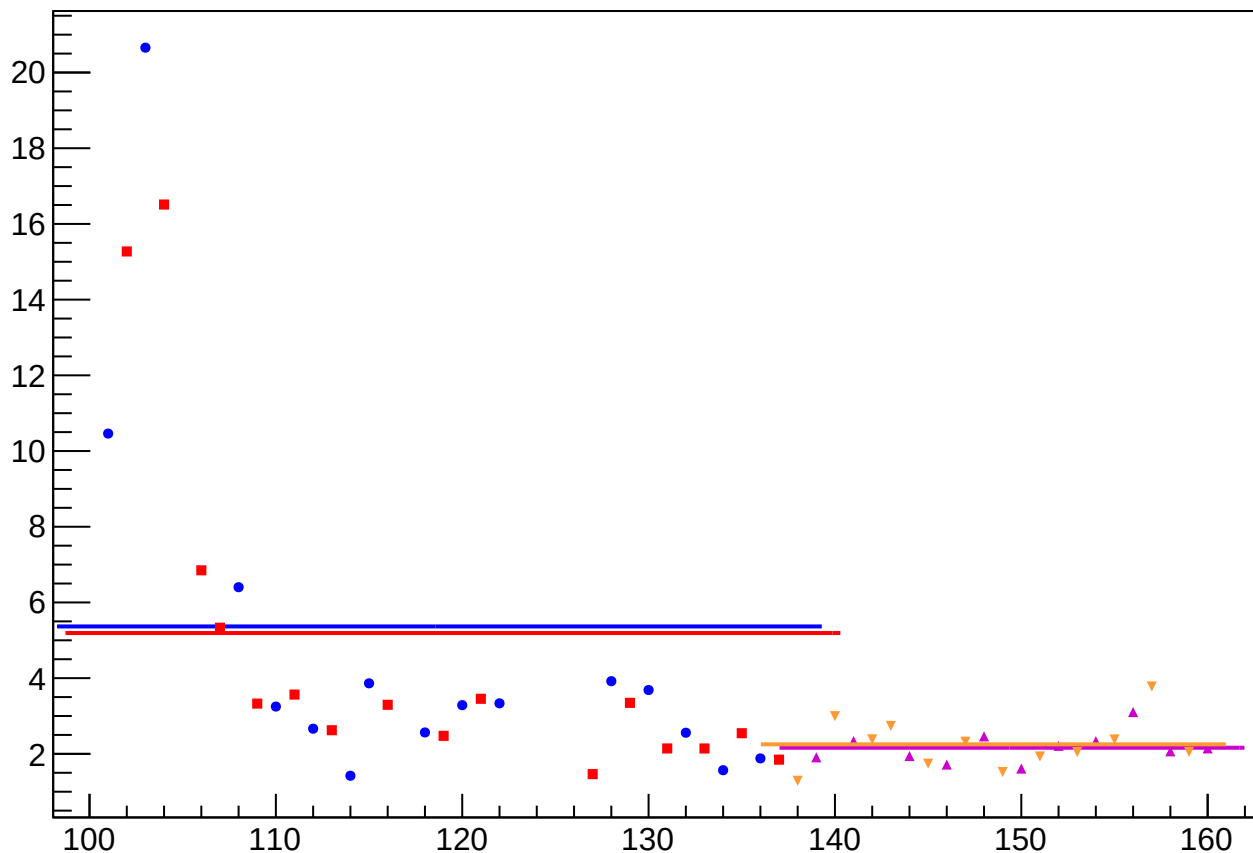
dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000	χ^2/NDF : 3996556073154779711808159470321664.0/14
Left Out: 5.524+/-0.000	χ^2/NDF : 1037921325796141419900309275148288.0/11
Right Out: 4.598+/-0.000	χ^2/NDF : 989607156792948633247632779640832.0/15
Left In: 5.441+/-0.000	χ^2/NDF : 969147874620390855399339032838144.0/10

+ sign 5.218+/-0.000 χ^2/NDF : 52418508017321486
 All: 5.152+/-0.000 χ^2/NDF : 74889564459547
 - sign 5.088+/-0.000 χ^2/NDF : 22337713953374815

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366 $\pm$ 0.000 χ^2 /NDF: 18780724722063497096153009301225472.0/14

Left Out: 2.251 $\pm$ 0.000 χ^2 /NDF: 401214907261745165005566645370880.0/11

Right Out: 5.192 $\pm$ 0.000 χ^2 /NDF: 15749573754945345754432436952891392.0/15

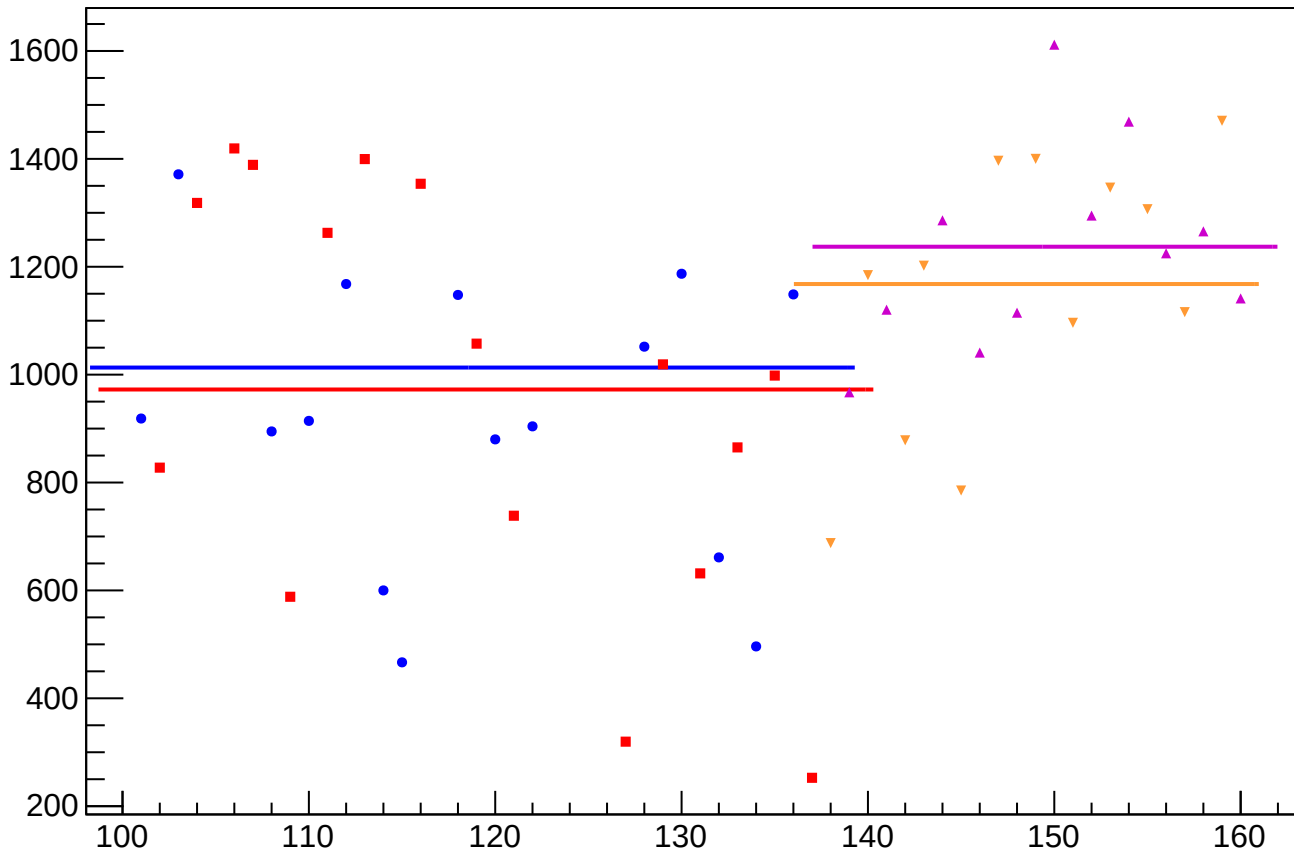
Left In: 2.162 $\pm$ 0.000 χ^2 /NDF: 138367938839103248546751049629696.0/10

+ sign 3.542 $\pm$ 0.000 χ^2 /NDF: 22868598019843594

All: 3.487 $\pm$ 0.000 χ^2 /NDF: 42324004096810

- sign 3.432 $\pm$ 0.000 χ^2 /NDF: 19445829920618957

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

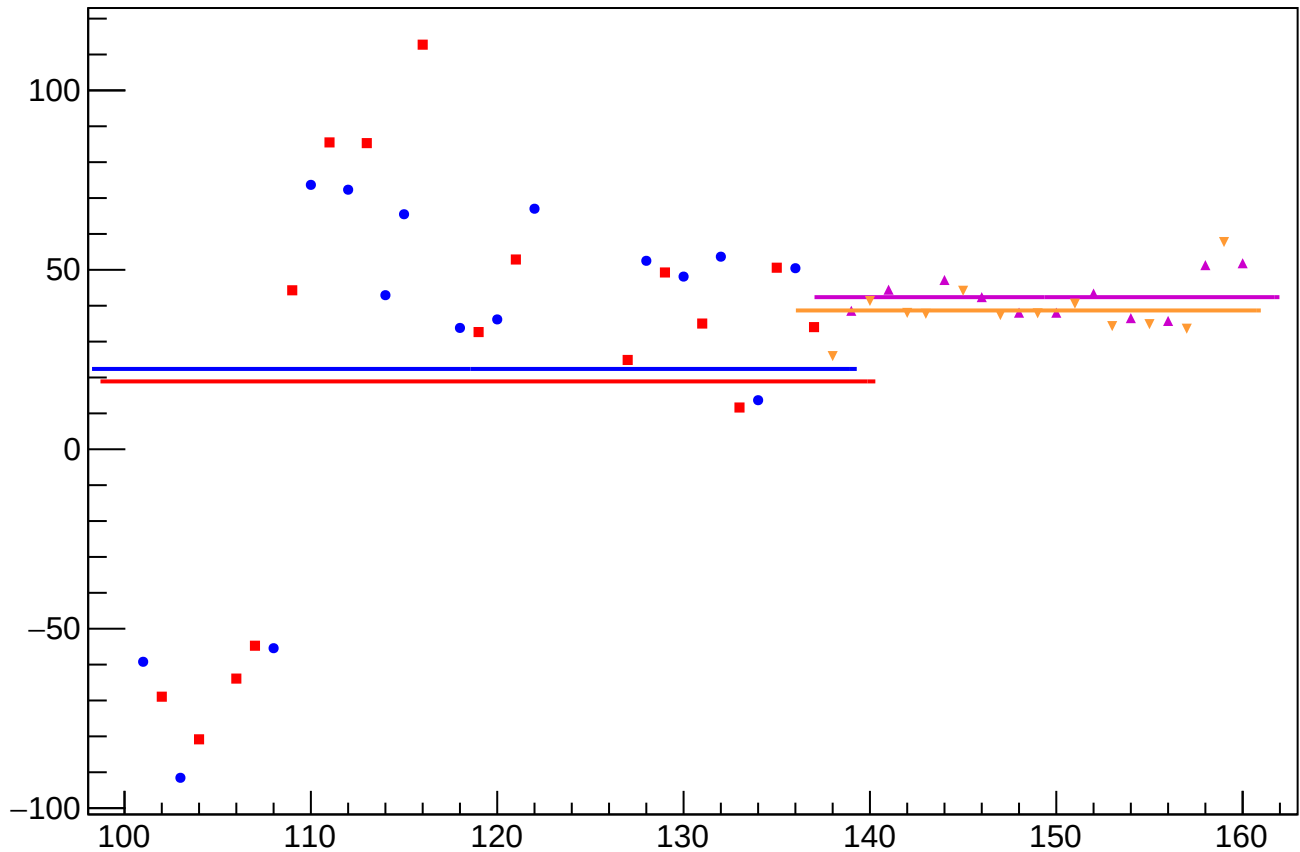
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 38.679+/-0.000 χ^2/NDF : 50075878897811273484787289537118208.0/11

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

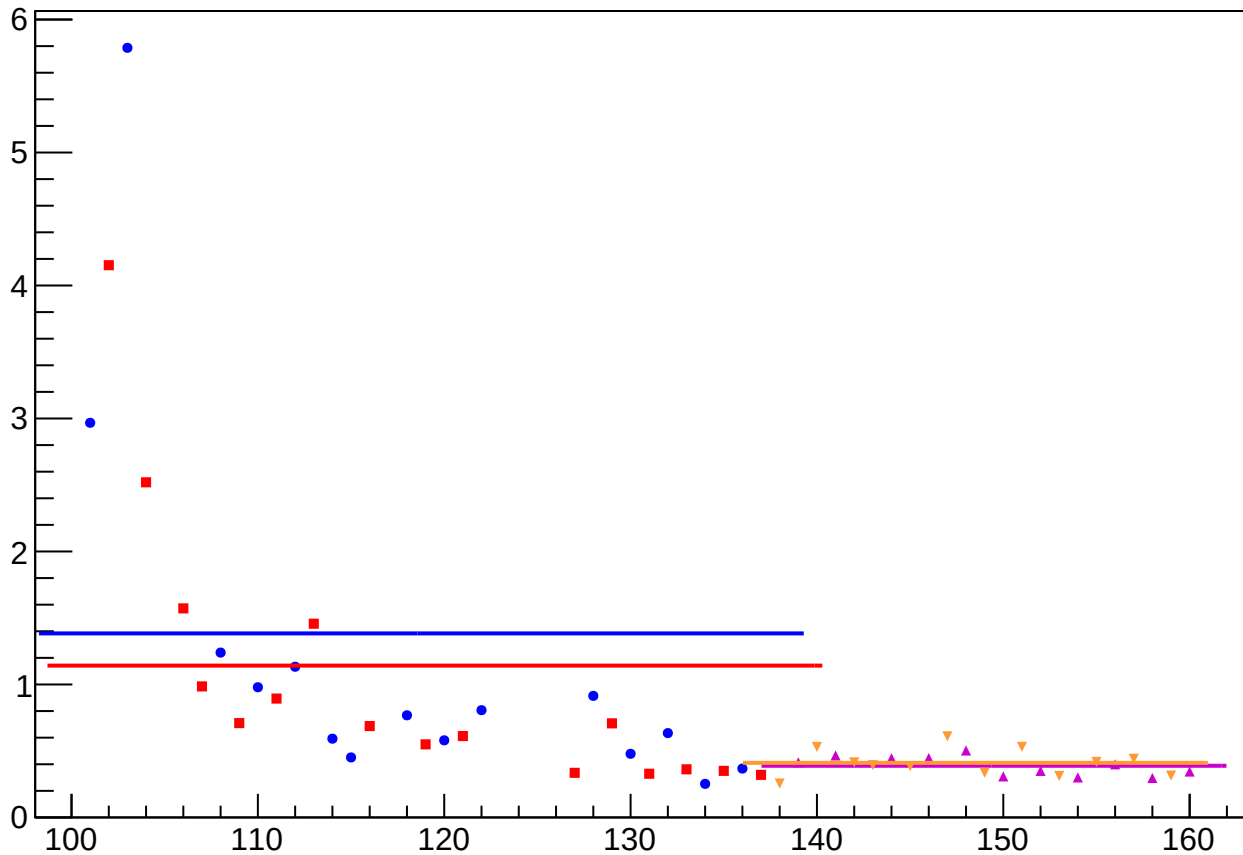
Left In: 42.386+/-0.000 χ^2/NDF : 26555660128562986553016927486214144.0/10

All: 32.237+/-0.000 χ^2/NDF : 4495861950423

+ sign 31.926+/-0.000 χ^2/NDF : 2073238427380323

- sign 32.543+/-0.000 χ^2/NDF : 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14

Left Out: 0.411+/-0.000 χ^2/NDF : 9428610492078012186649224544256.0/11

Right Out: 1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15

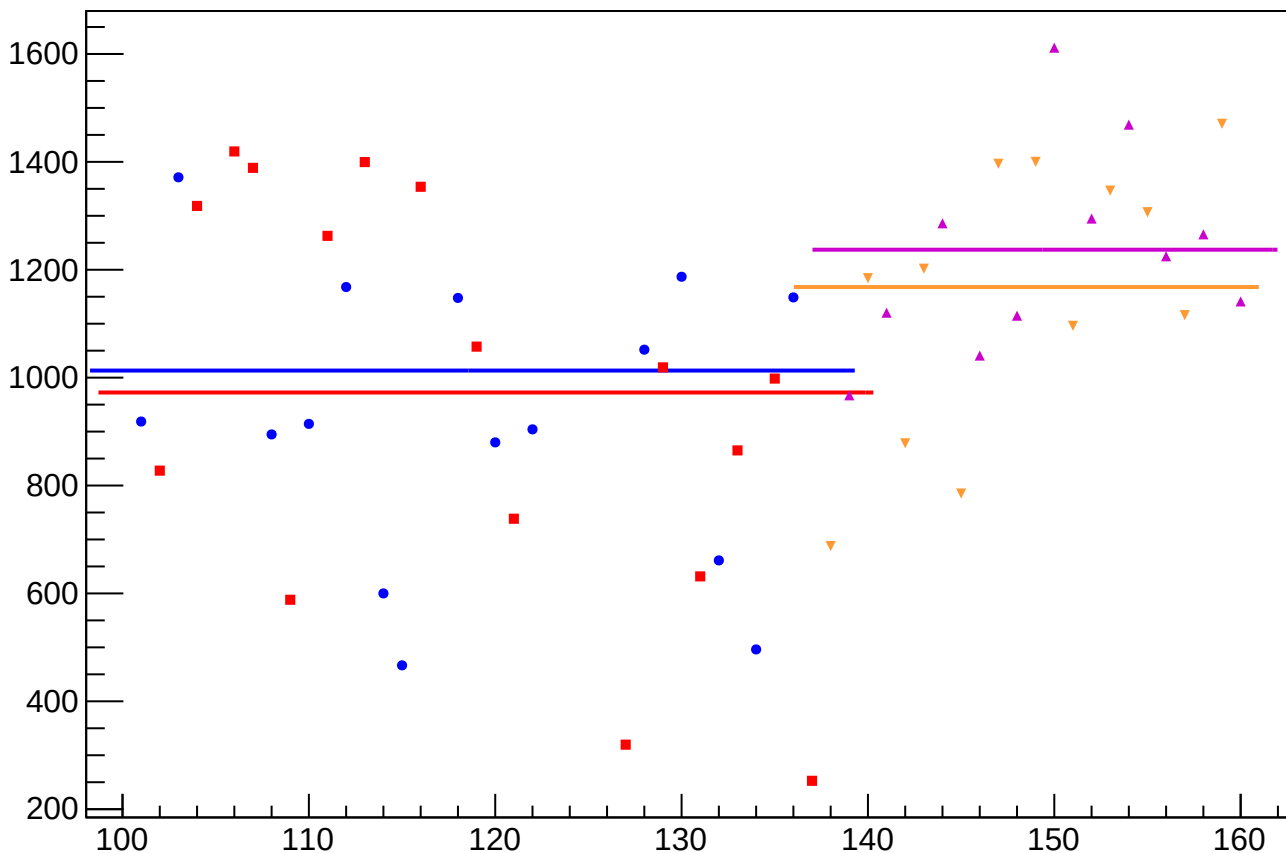
Left In: 0.389+/-0.000 χ^2/NDF : 4468112130112640641394154668032.0/10

+ sign 0.814+/-0.000 χ^2/NDF : 19405199182887263

All: 0.759+/-0.000 χ^2/NDF : 29848868867136

- sign 0.704+/-0.000 χ^2/NDF : 10348725978885865

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

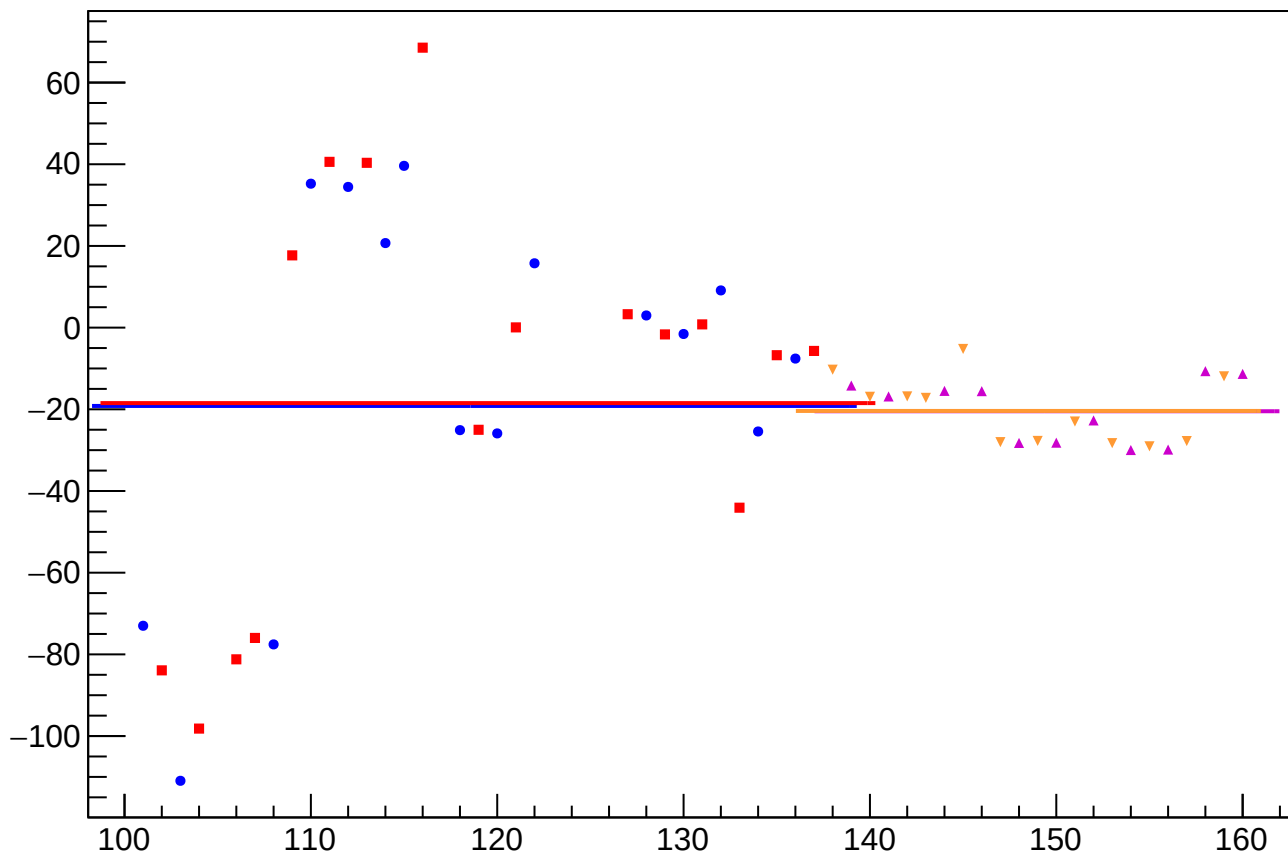
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eY_coil6_mean vs Slug



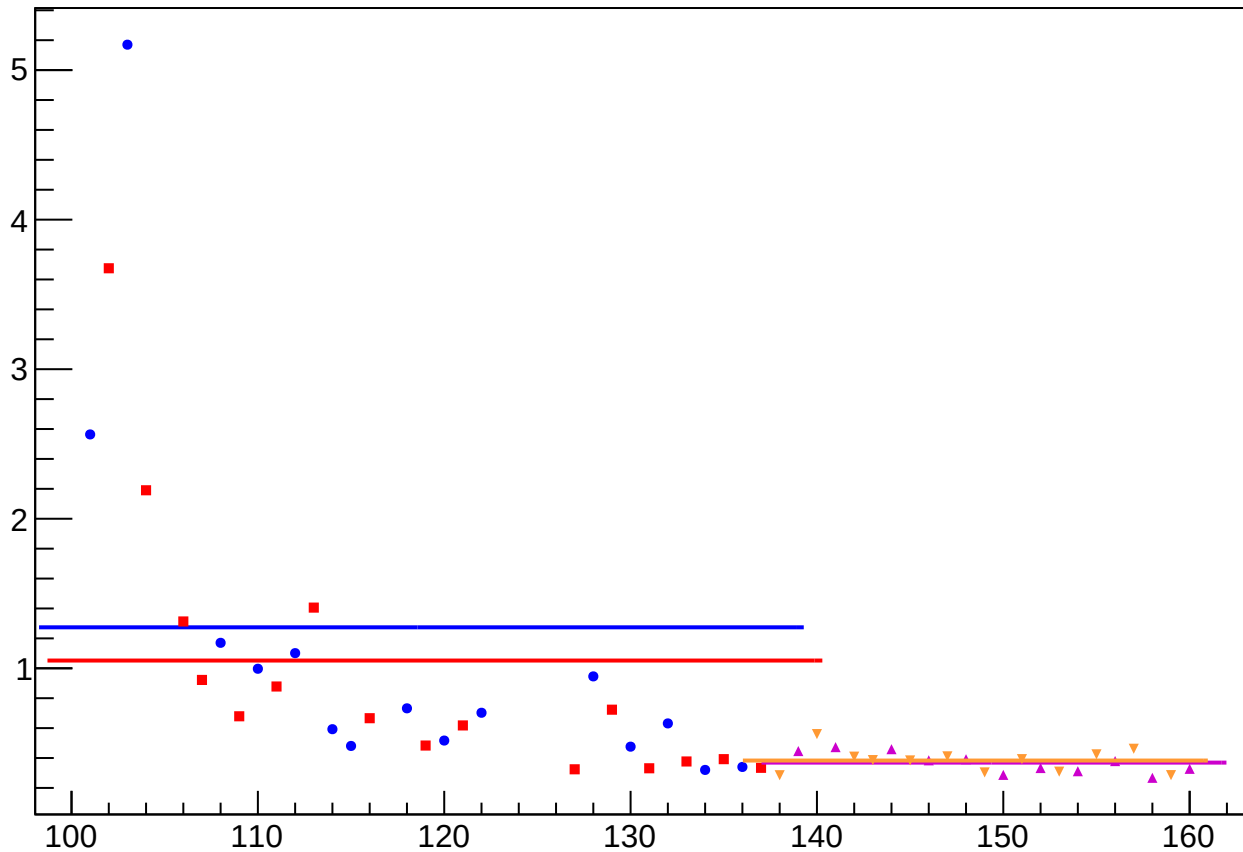
Right In: -19.175 ± 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -20.399 ± 0.000 χ^2/NDF : 59795874846132016074625786396540928.0/11

Right Out: -18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

Left In: -20.473 ± 0.000 χ^2/NDF : 48484953363349820110348478937300992.0/10

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14

Left Out: 0.383+/-0.000 χ^2/NDF : 5804905550420528910426527760384.0/11

Right Out: 1.052+/-0.000 χ^2/NDF : 607316121057753919194559126962176.0/15

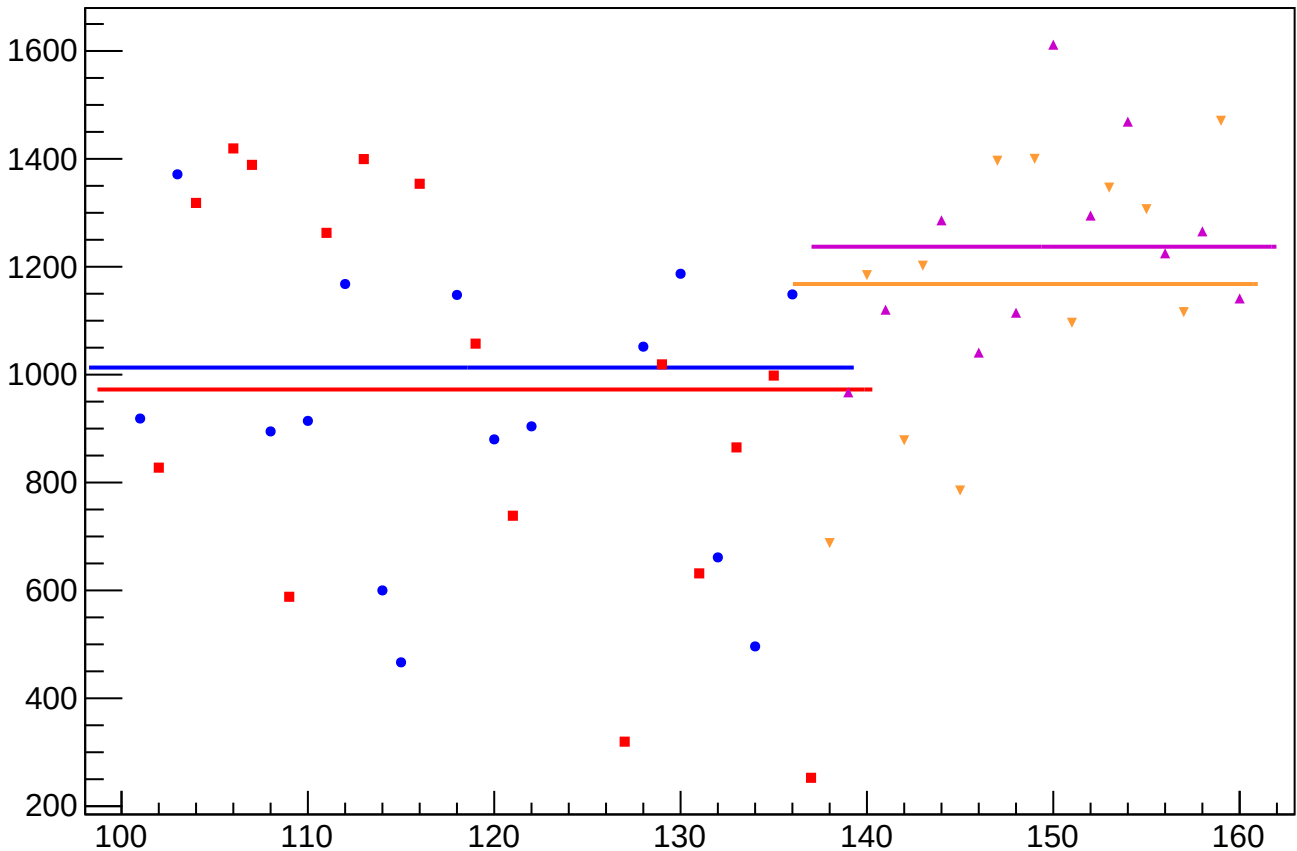
Left In: 0.369+/-0.000 χ^2/NDF : 4166350638848138676707816112128.0/10

+ sign 0.752+/-0.000 χ^2/NDF : 15194700956779479

All: 0.703+/-0.000 χ^2/NDF : 2318813336124

- sign 0.655+/-0.000 χ^2/NDF : 79193916268828881

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

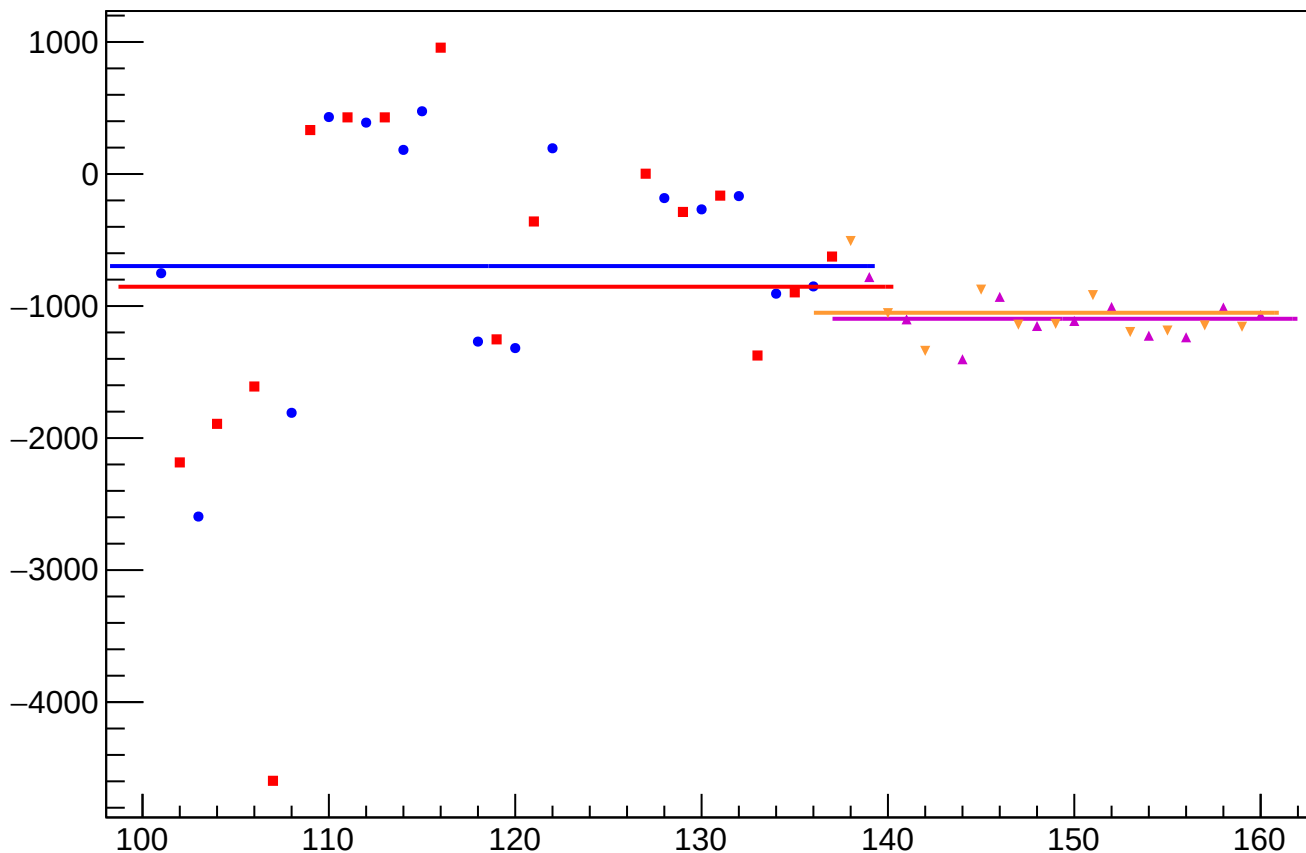
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14

Left Out: -1050.953+/-0.000 χ^2/NDF : 36829070766461393403765229942747430912.0/10

Right Out: -853.734+/-0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15

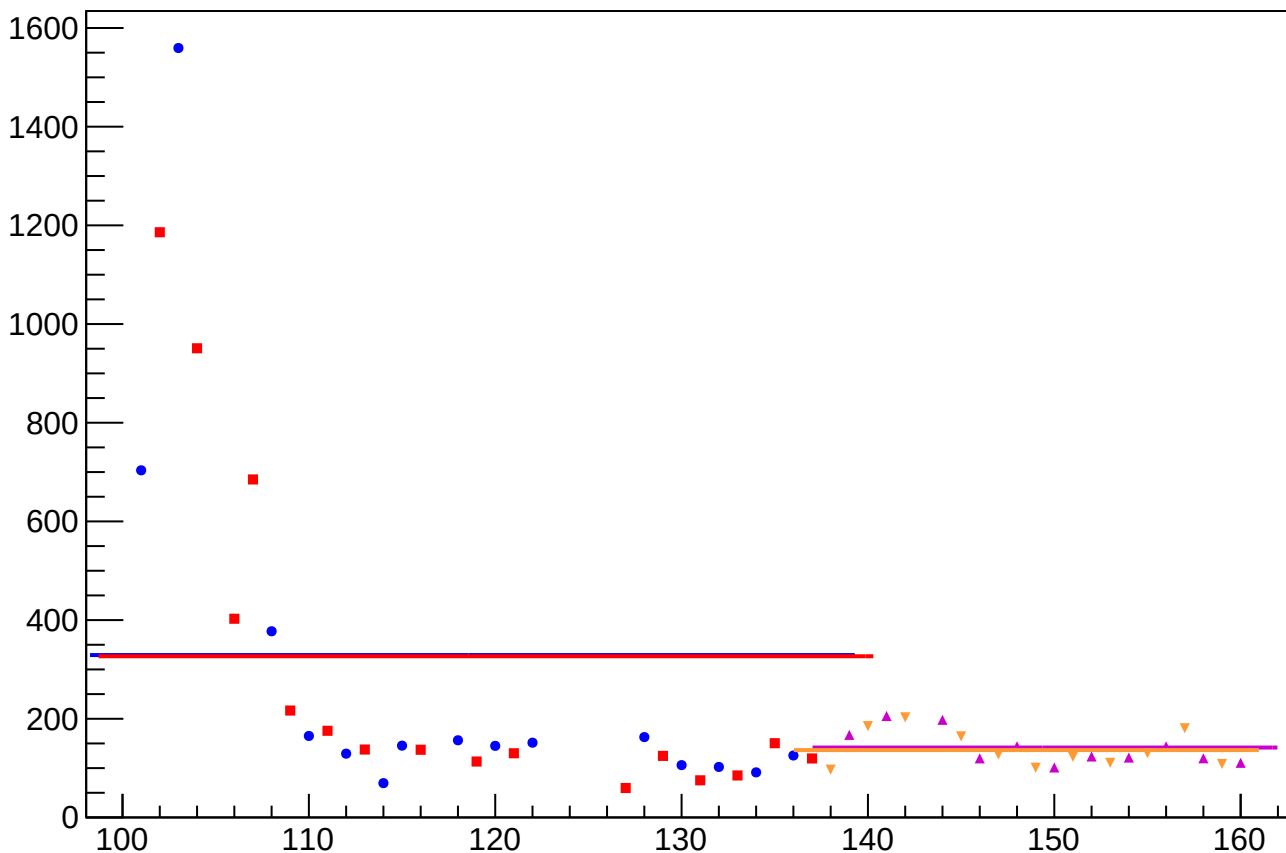
Left In: -1096.508+/-0.000 χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ sign -897.829+/-0.000 χ^2/NDF : 57329674650375

All: -947.722+/-0.000 χ^2/NDF : 17051514105

- sign -994.729+/-0.000 χ^2/NDF : 112460764695899

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 136.529+/-0.000 χ^2/NDF : 986372818283314141100082094359445504.0/10

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

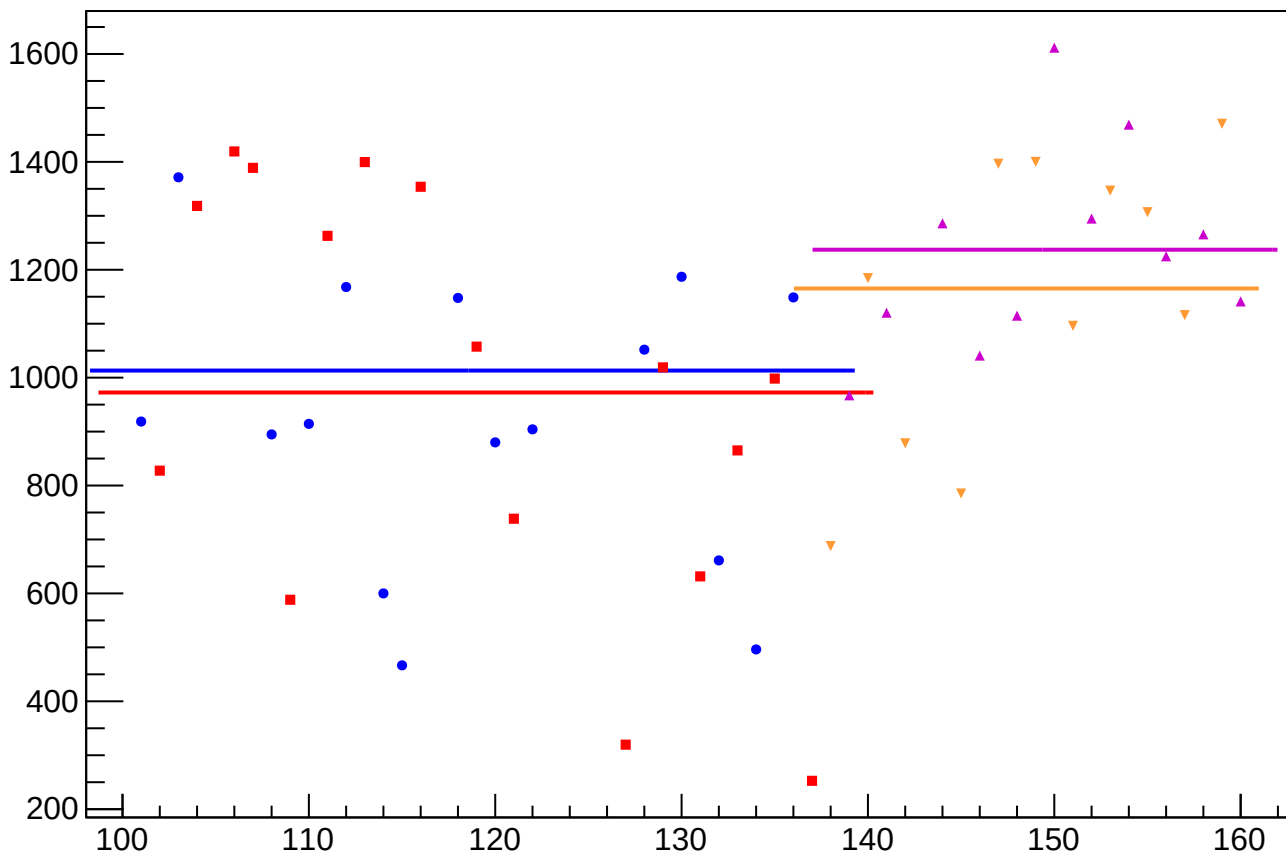
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 219.907+/-0.000 χ^2/NDF : 131498546737370

All: 219.568+/-0.000 χ^2/NDF : 23337163505

- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

dit_usl_coil6_Ndata_mean vs Slug



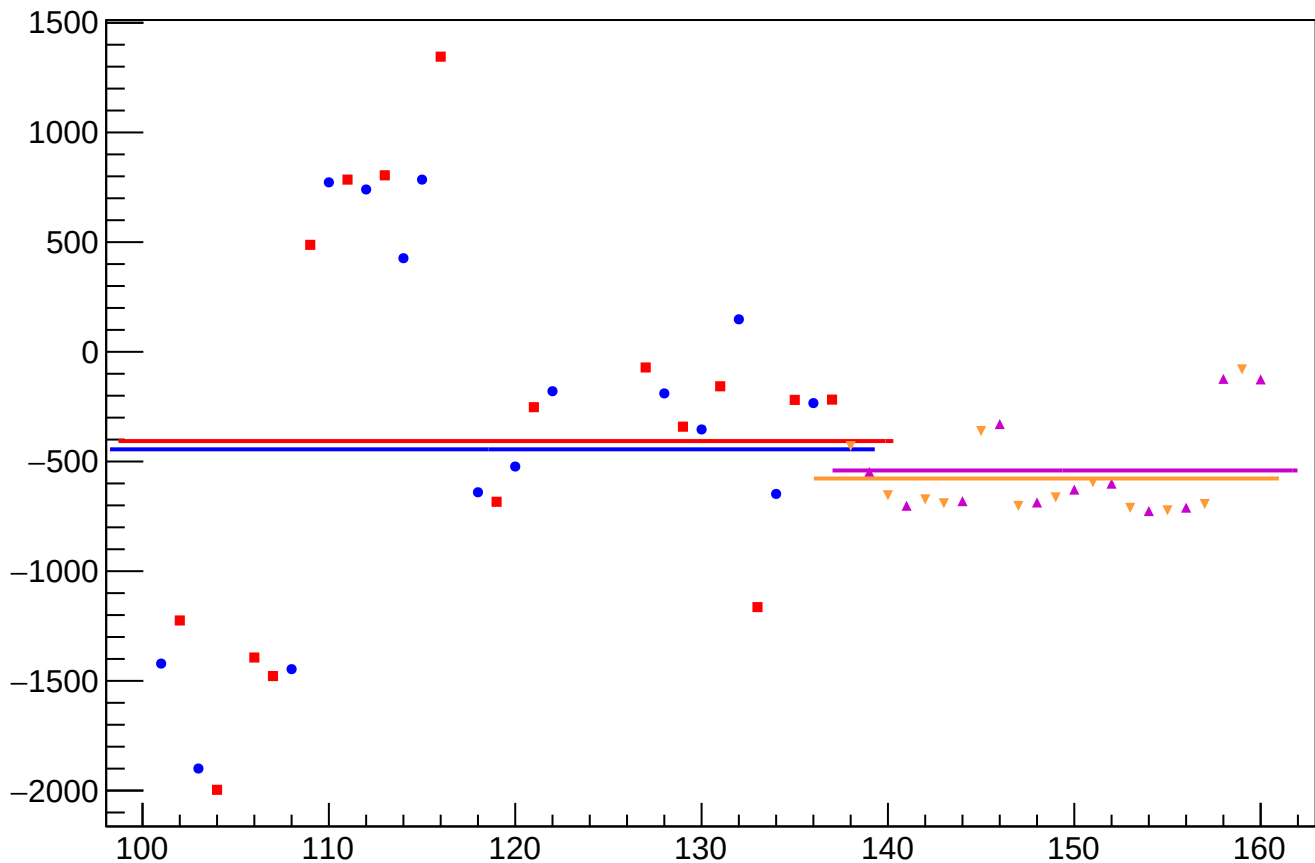
Right In: 1013.146 ± 0.000 $\chi^2/\text{NDF}: 31721270909522099205936100724856324096.0/14$

Left Out: 1165.293 ± 0.000 $\chi^2/\text{NDF}: 54526526454727326957619493827495591936.0/10$

Right Out: 972.465 ± 0.000 $\chi^2/\text{NDF}: 78884457200782655962756069915468234752.0/15$

Left In: 1237.150 ± 0.000 $\chi^2/\text{NDF}: 30323445843993737164691986740223672320.0/10$

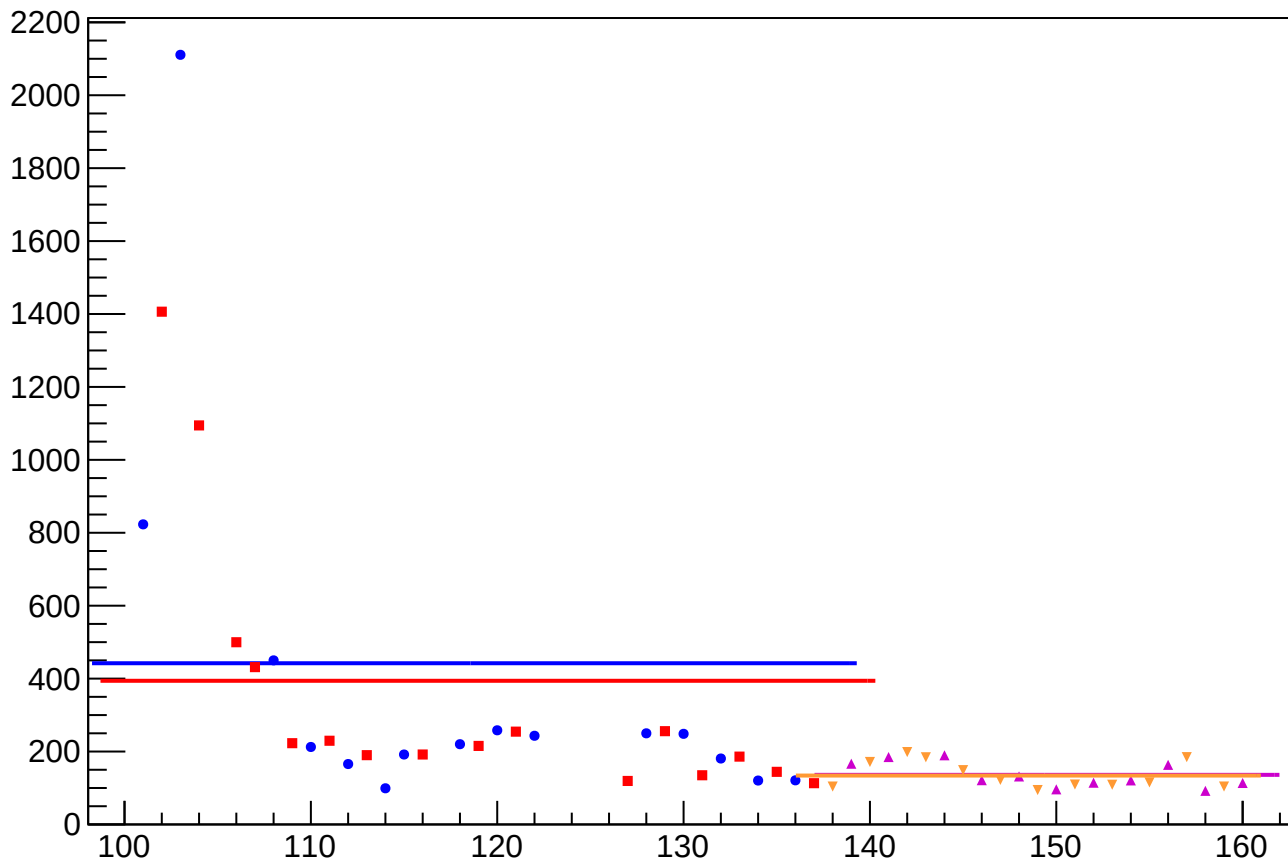
dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000	χ^2/NDF : 396481903501593703066535851229953654784.0/14
Left Out: -577.377+/-0.000	χ^2/NDF : 33181983455831153585838816290043592704.0/11
Right Out: -406.729+/-0.000	χ^2/NDF : 529122421866774810012941782239129108480.0/15
Left In: -540.842+/-0.000	χ^2/NDF : 42670193317497817911030367466366697472.0/10

+ sign -522.314+/-0.000 χ^2/NDF : 43637268115601
 All: -503.316+/-0.000 χ^2/NDF : 10162540662
 - sign -484.617+/-0.000 χ^2/NDF : 578759927131057

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.122+/-0.000 χ^2/NDF : 1108150296028178587463342476455051264.0/11

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

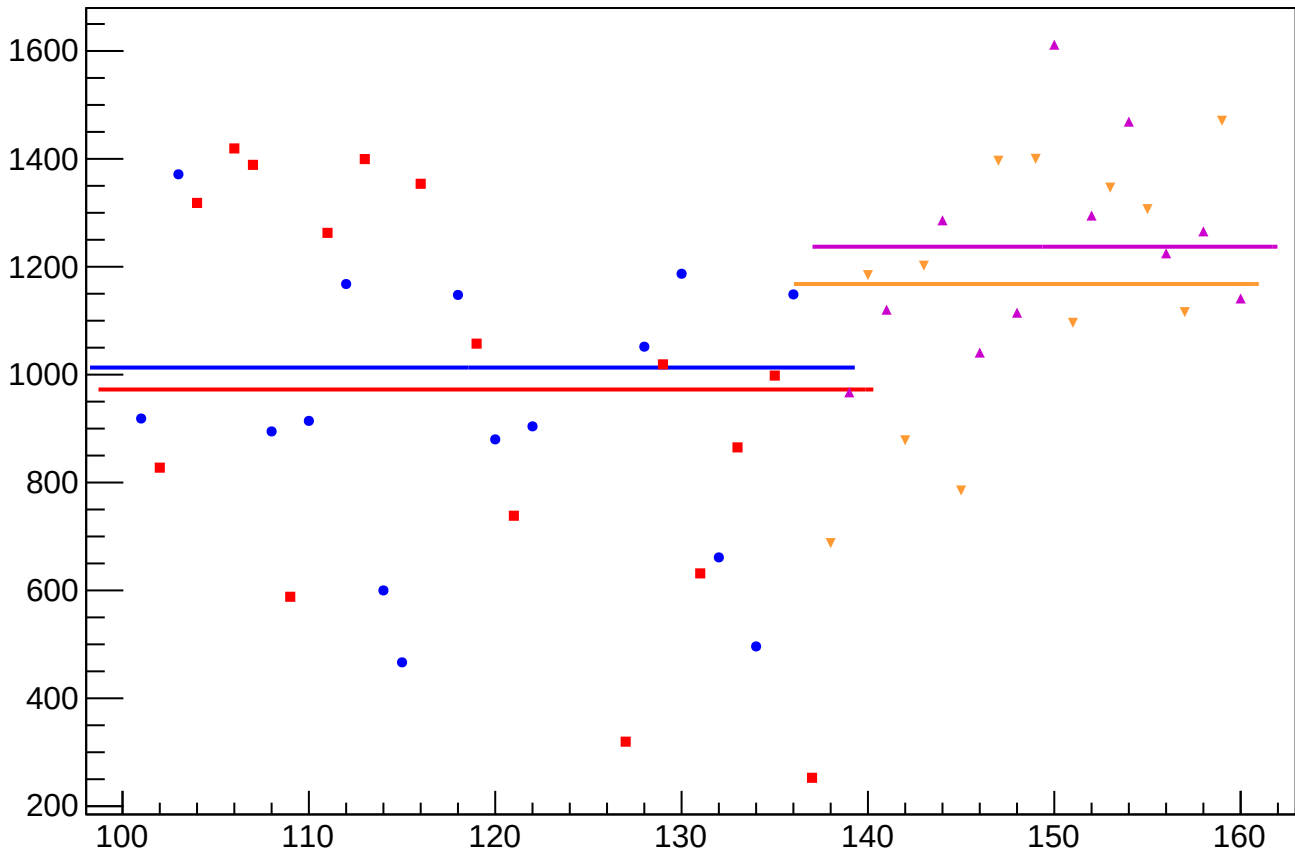
Left In: 136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 261.784+/-0.000 χ^2/NDF : 241185059846512

All: 252.922+/-0.000 χ^2/NDF : 374106508745

- sign 244.199+/-0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

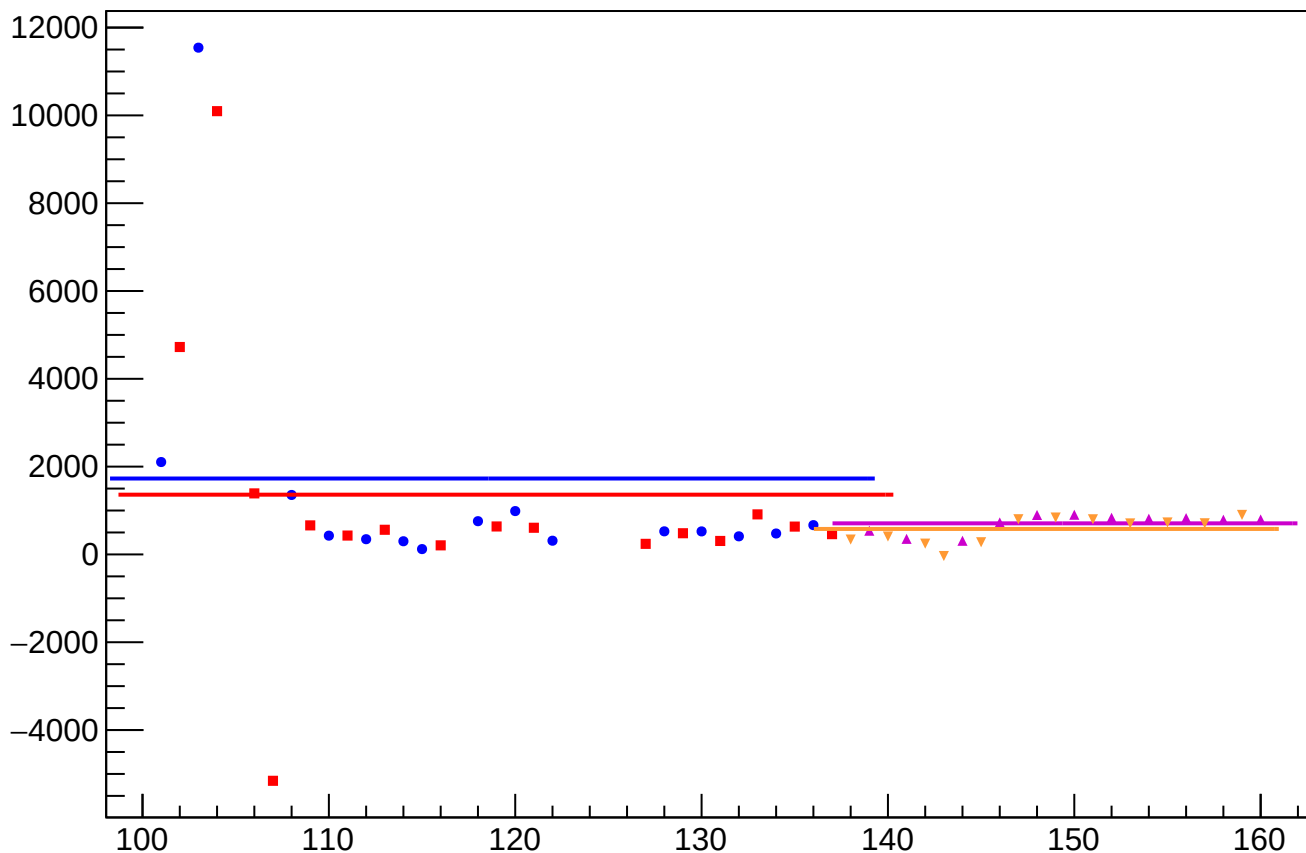
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

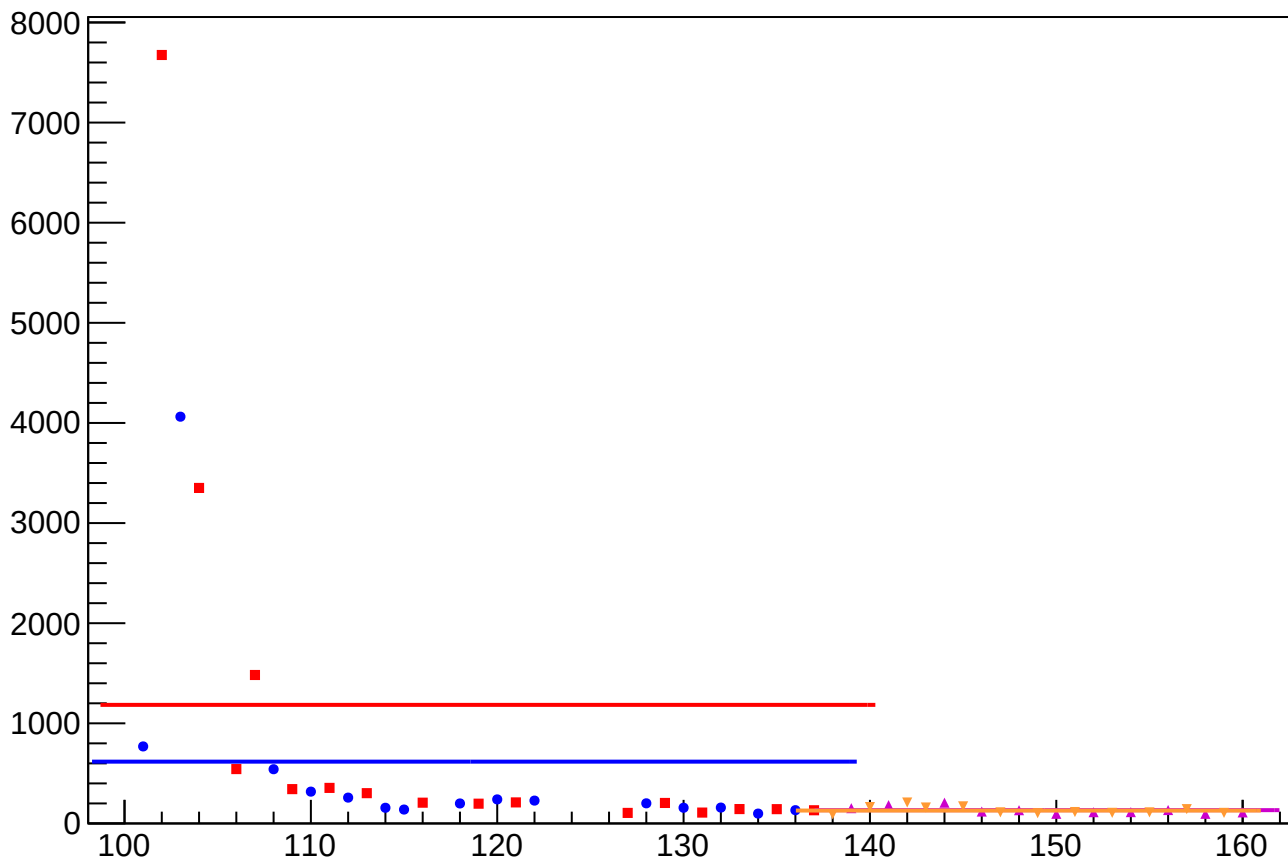
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 580.248+/-0.000 χ^2/NDF : 70857978434076624009429979212728500224.0/11
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889+/-0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10
 All: 1018.700+/-0.000 χ^2/NDF : 13624809932
 + sign 1056.333+/-0.000 χ^2/NDF : 69854955946737
 - sign 981.659+/-0.000 χ^2/NDF : 663491357929352

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

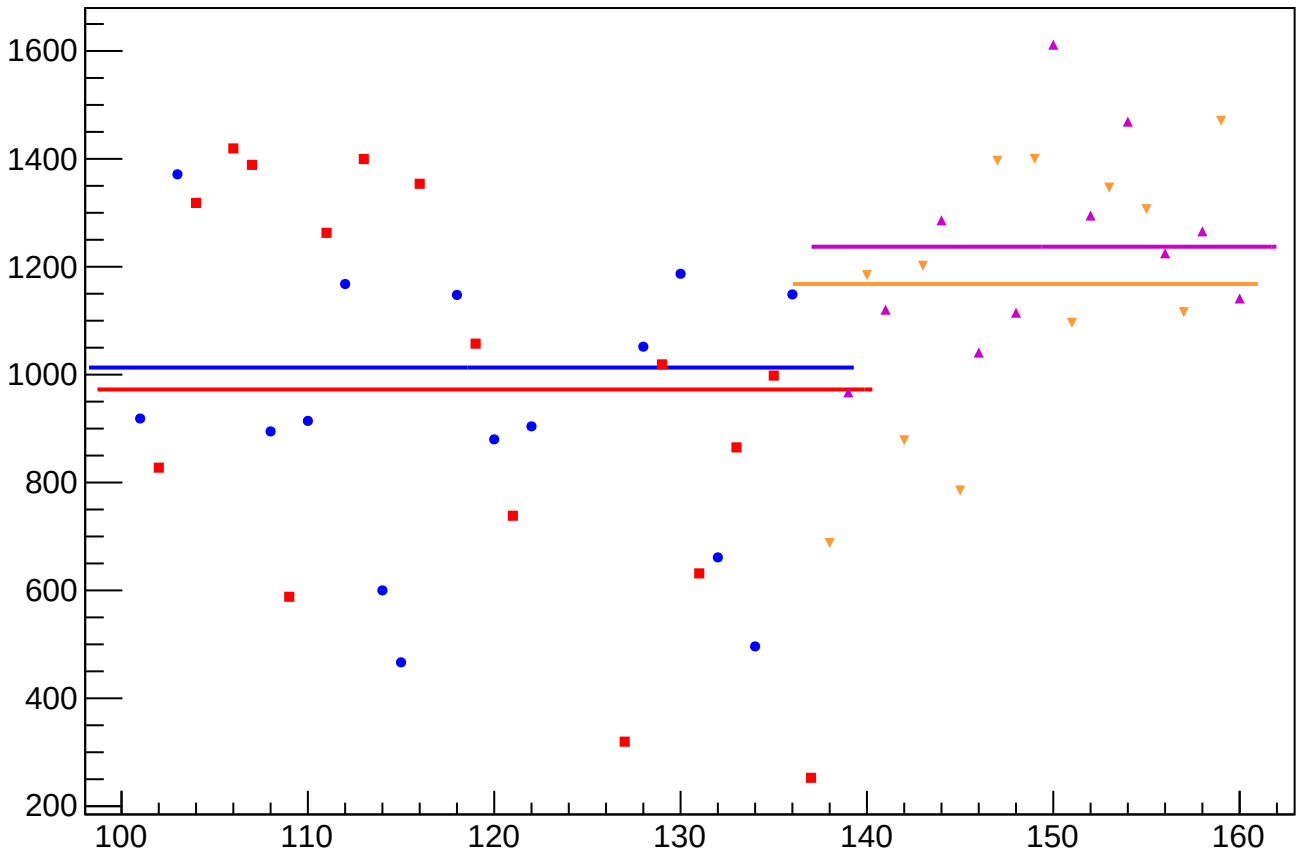
Left Out: 128.916+/-0.000 χ^2/NDF : 946446281889996410736335590619348992.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

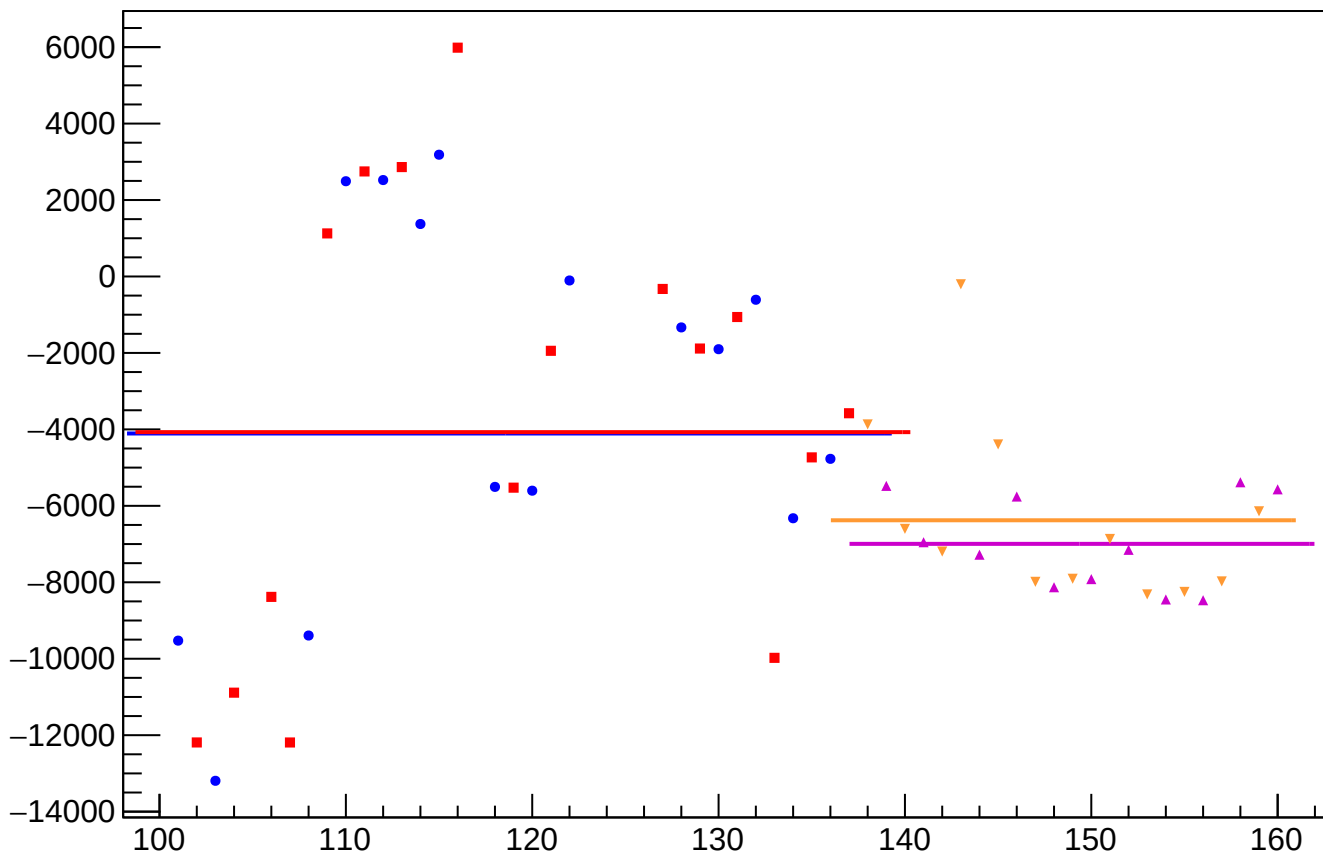
All: 453.464+/-0.000 χ^2/NDF : 452709566047

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1103.808+/-0.000	χ^2/NDF : 95441405756272
Left Out: 1167.974+/-0.000	χ^2/NDF : 54610138783870430946405205692756525056.0/11	All: 1115.086+/-0.000	χ^2/NDF : 23218314916
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

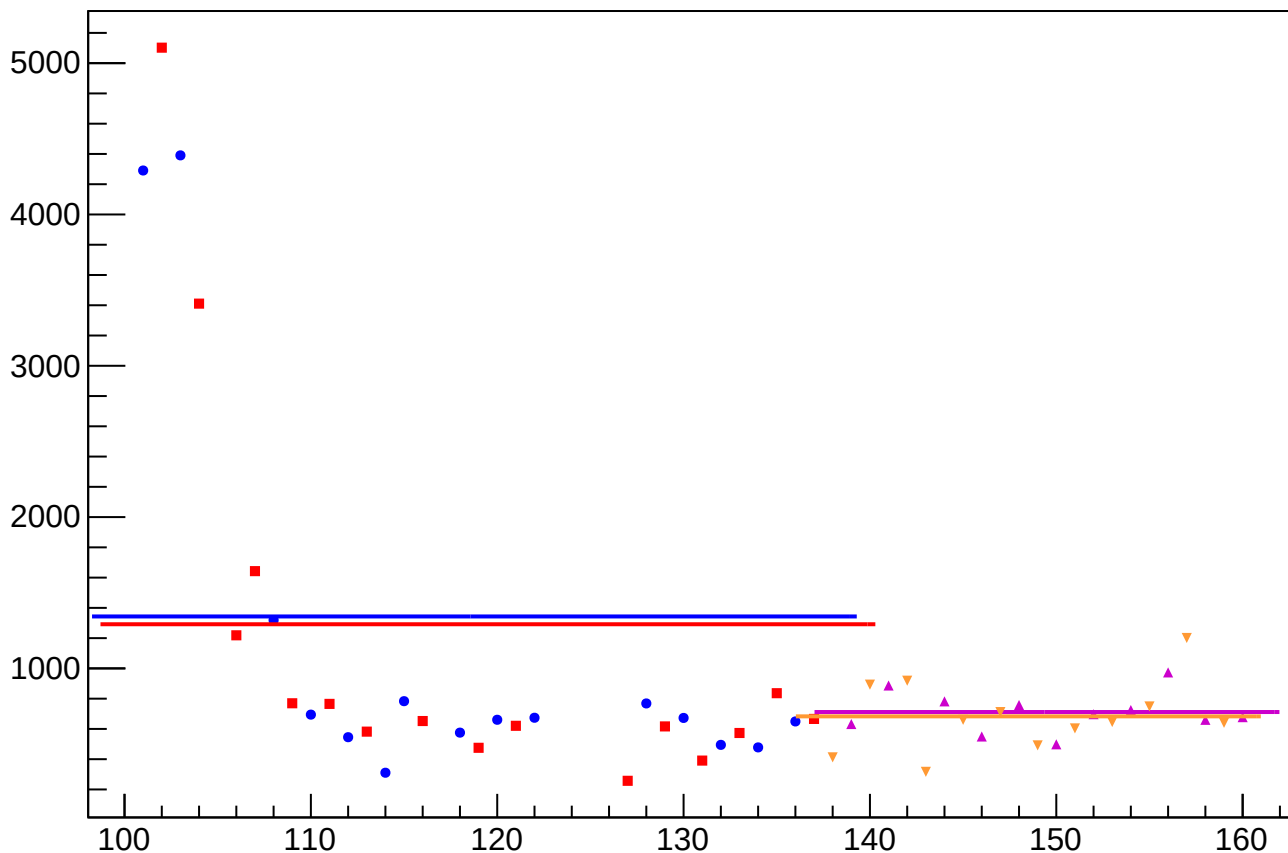
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6377.972+/-0.000	χ^2/NDF : 4622591154954588275207693526333594271744.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

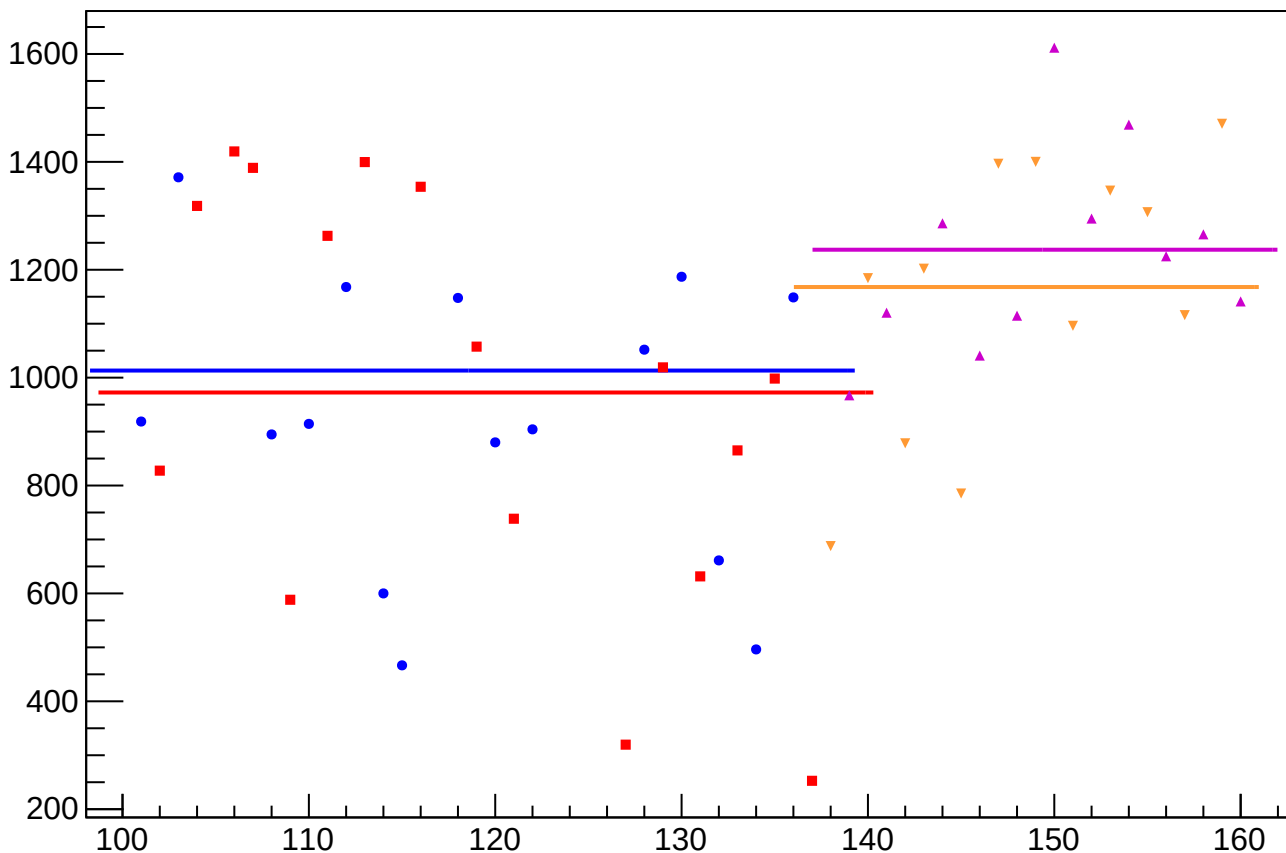
+ sign -5436.993+/-0.000 χ^2/NDF : 2110921720753
 All: -5604.574+/-0.000 χ^2/NDF : 4610437232
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 683.065+/-0.000 χ^2/NDF : 46379995695844949663521519572812300288.0/11
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

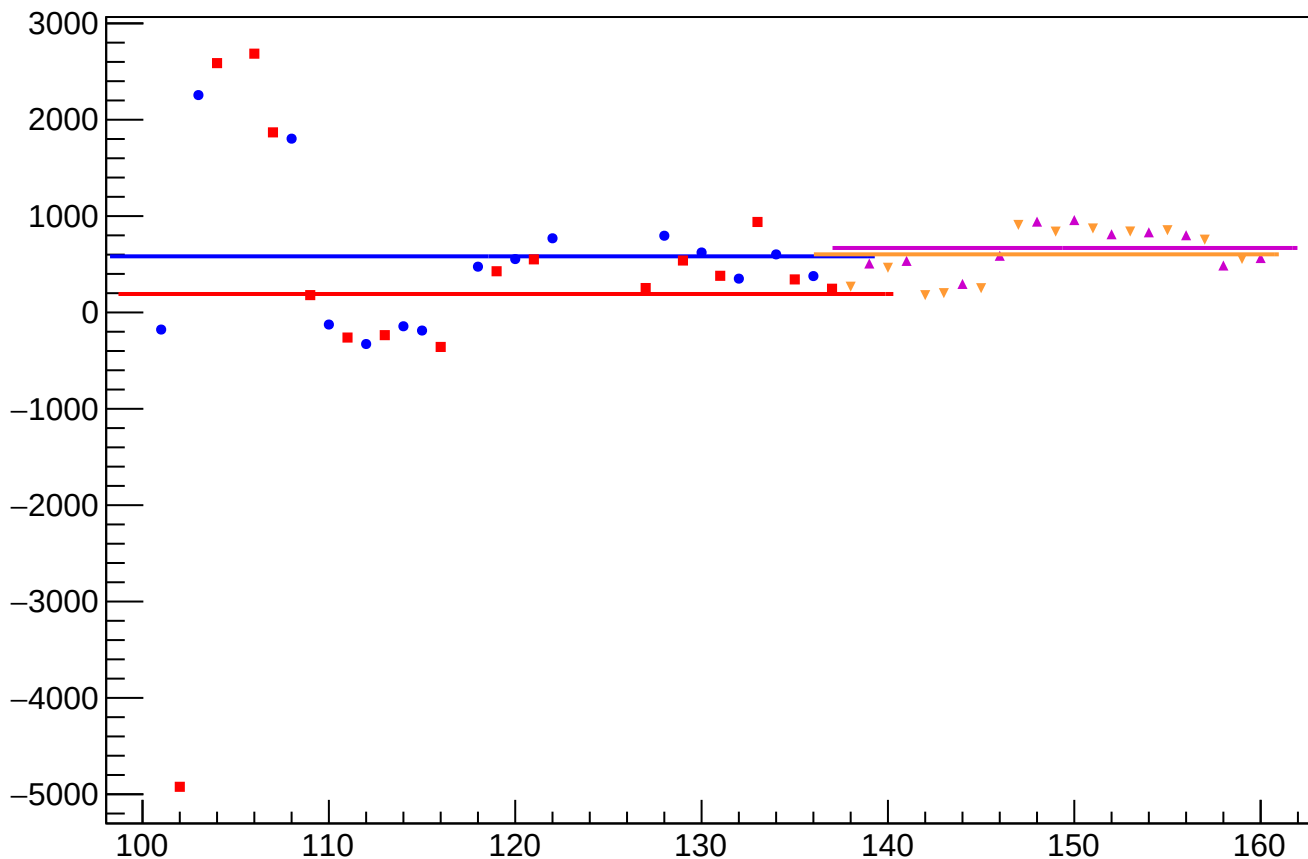
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 603.094+/-0.000 χ^2/NDF : 68810038419463001004878574988679970816.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 594.514+/-0.000 χ^2/NDF : 407769521673703

All: 531.231+/-0.000 χ^2/NDF : 271680523727

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

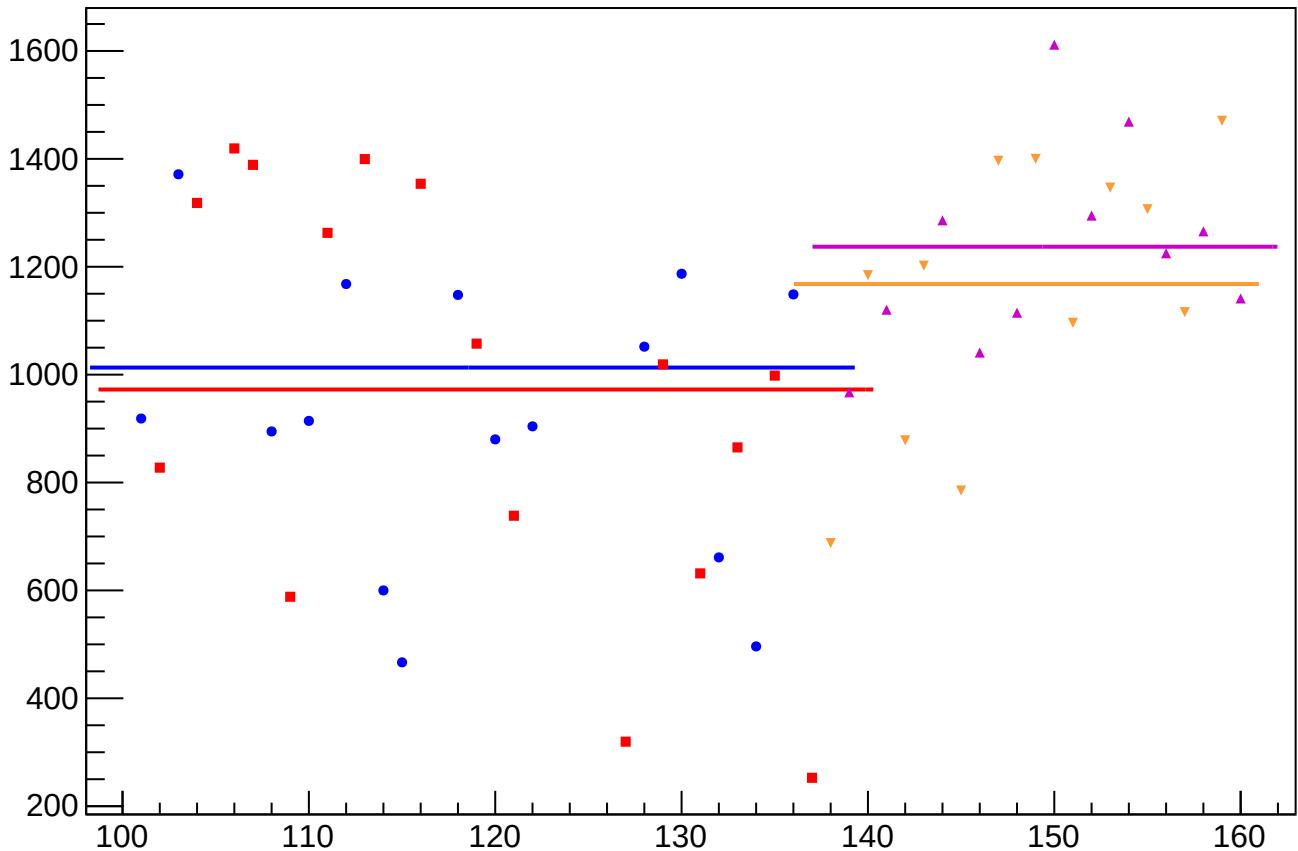
Left Out: 141.867+/-0.000 χ^2/NDF : 675701485078594006846282081211777024.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

All: 375.544+/-0.000 χ^2/NDF : 325911775332

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

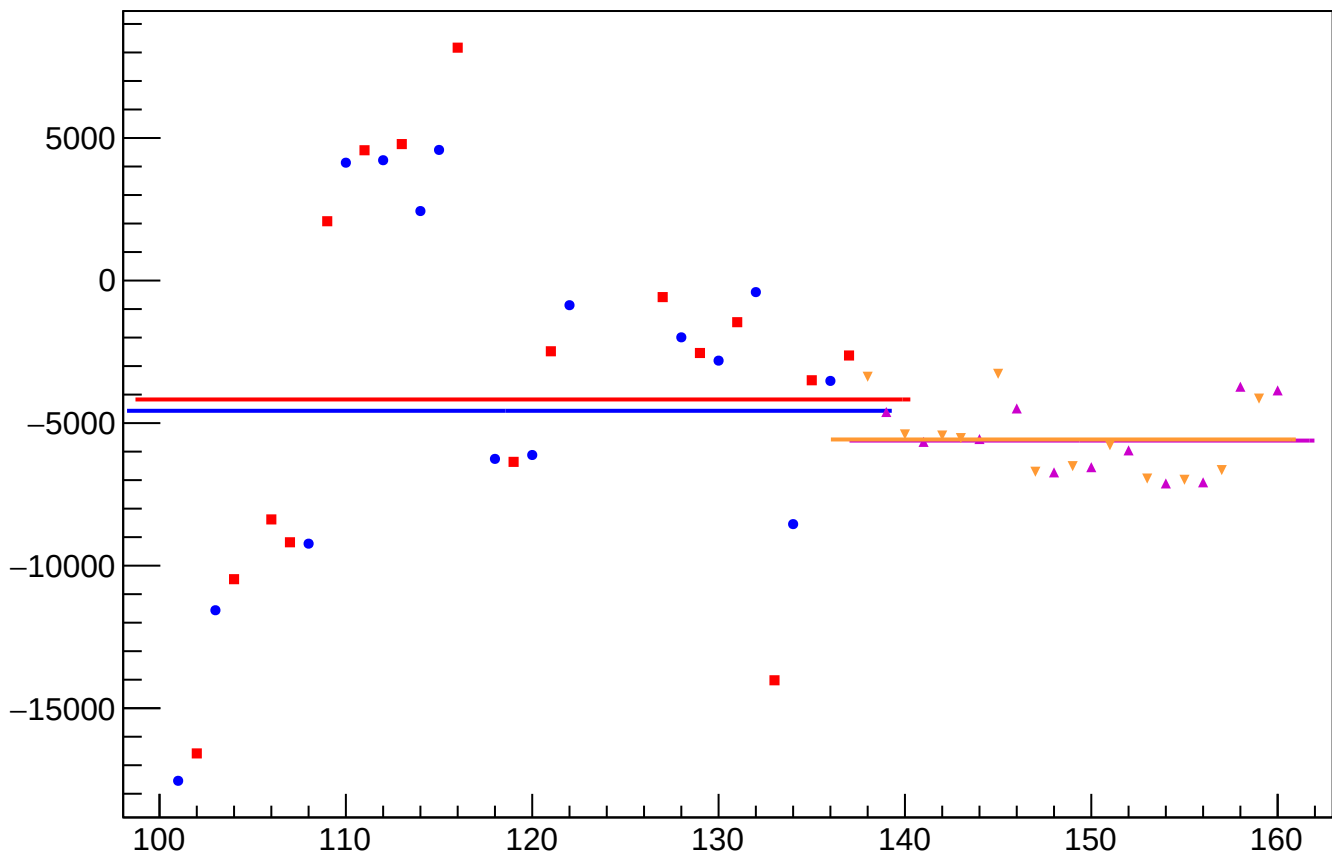
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

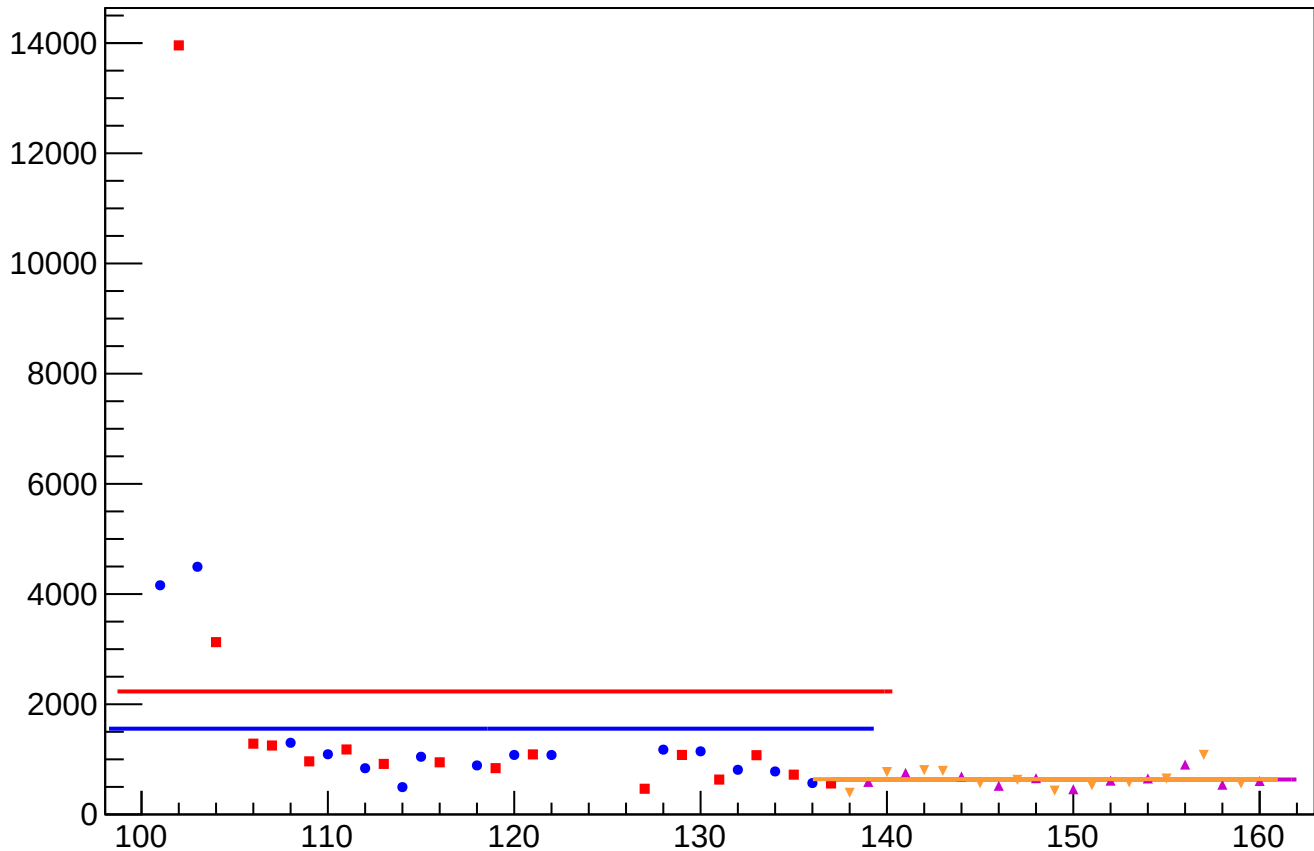
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5574.062+/-0.000	χ^2/NDF : 1562689011038892047530316656159376801792.0/11
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5613.024+/-0.000	χ^2/NDF : 1272210659936261957248133173503170969600.0/10

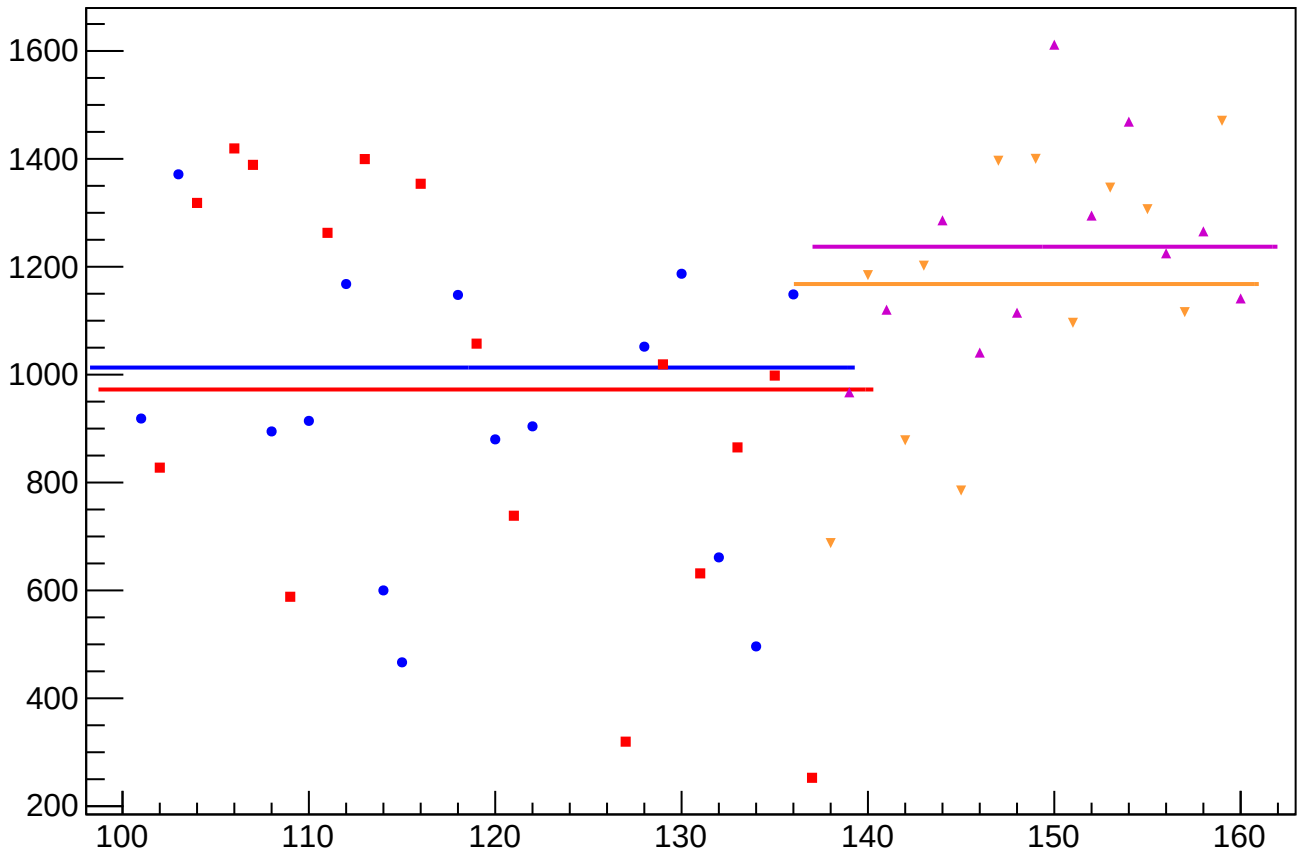
+ sign -5157.241+/-0.000 χ^2/NDF : 2614216939022
 All: -5082.223+/-0.000 χ^2/NDF : 5920488345
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 640.537+/-0.000 χ^2/NDF : 30170658754052148161516421209078628352.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000

χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1237.150+/-0.000

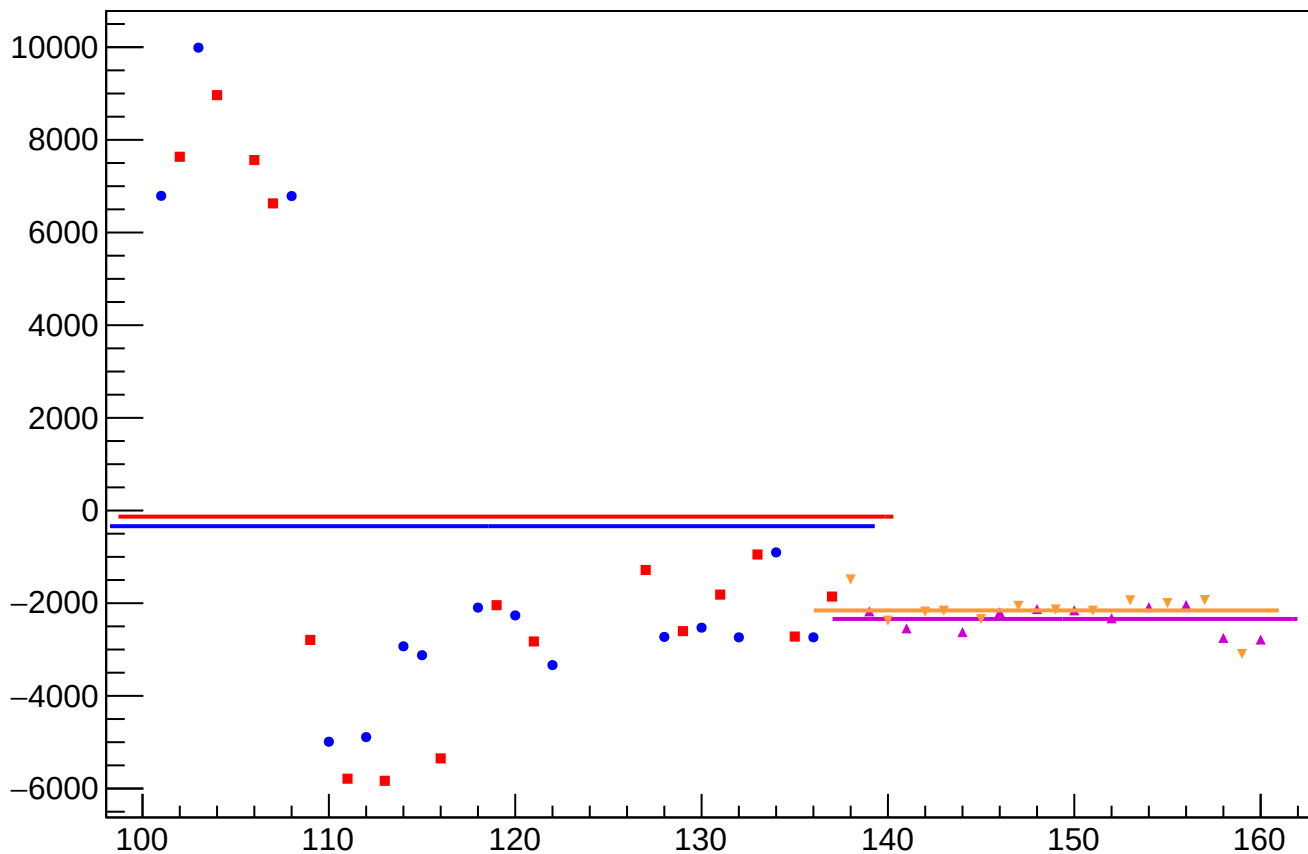
χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

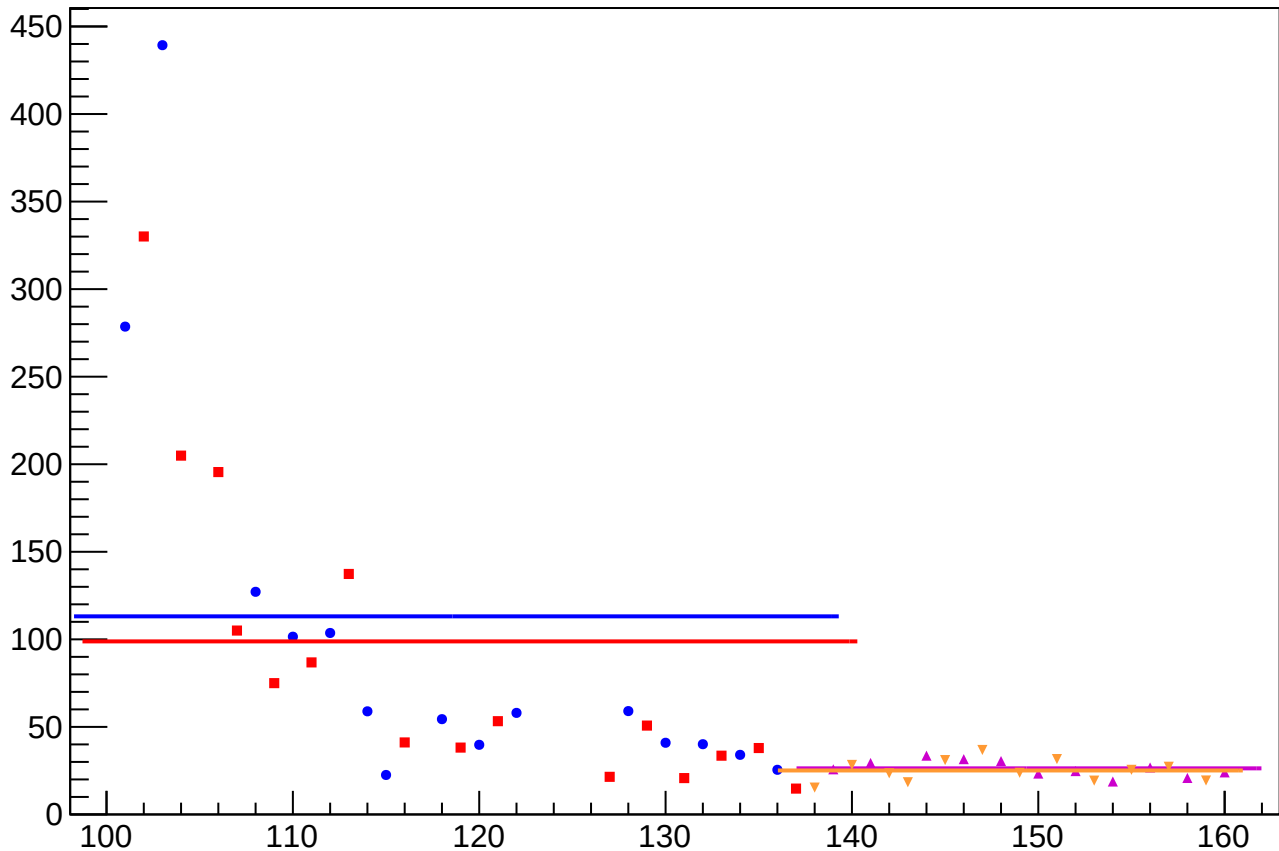
dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000	χ^2/NDF : 15152515933007079891661097940762081886208.0/14
Left Out: -2155.781+/-0.000	χ^2/NDF : 123219365127325232212410930135251812352.0/11
Right Out: -131.545+/-0.000	χ^2/NDF : 16473217651078877976377424419956902068224.0/15
Left In: -2339.639+/-0.000	χ^2/NDF : 62860144247456957543810906284181422080.0/10

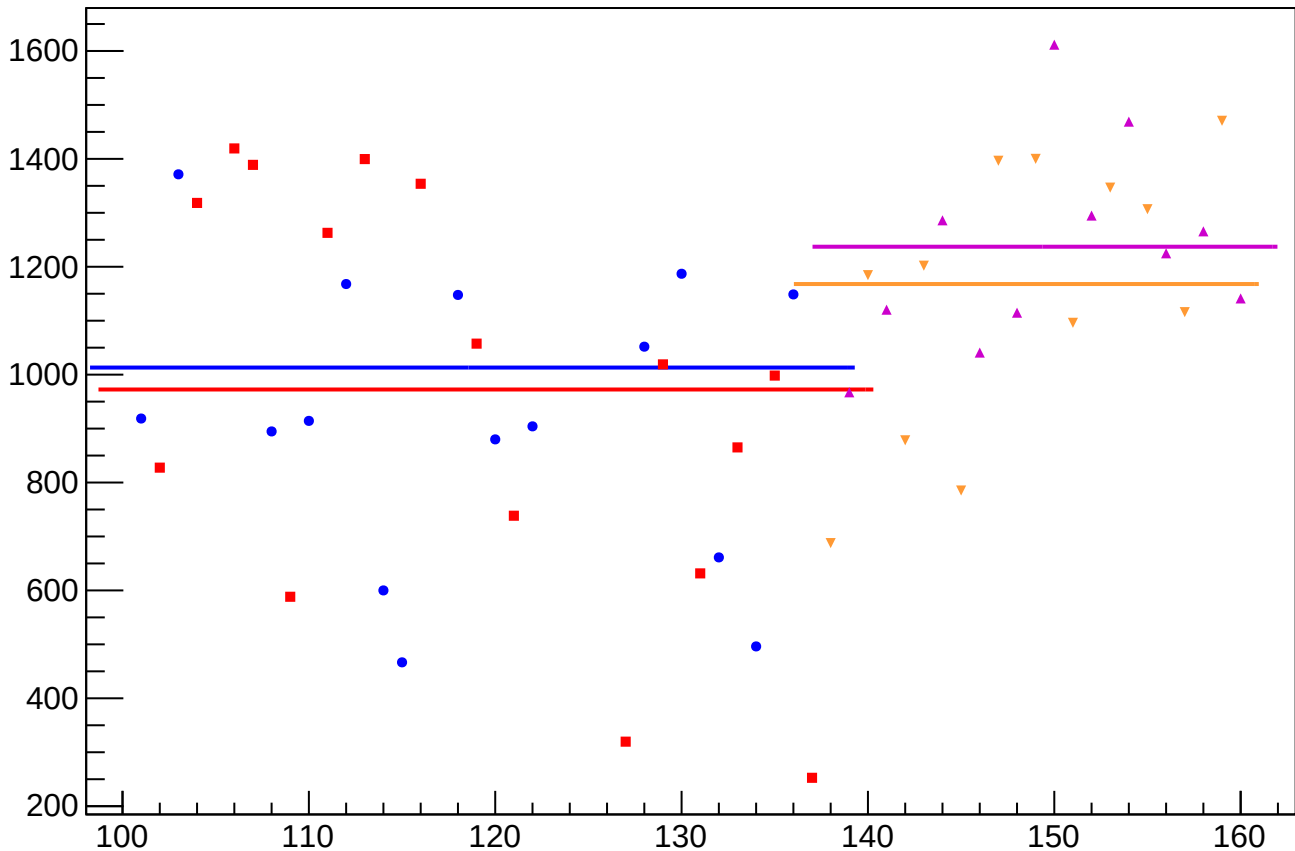
+ sign -1402.379+/-0.000 χ^2/NDF : 1653167827528
 All: -1408.202+/-0.000 χ^2/NDF : 3495655876
 - sign -1413.933+/-0.000 χ^2/NDF : 18424775138160

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 25.122 $\pm$ 0.000 χ^2 /NDF: 34236554639910499014555581559078912.0/11
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 26.331 $\pm$ 0.000 χ^2 /NDF: 18142873408814573481950758043648000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

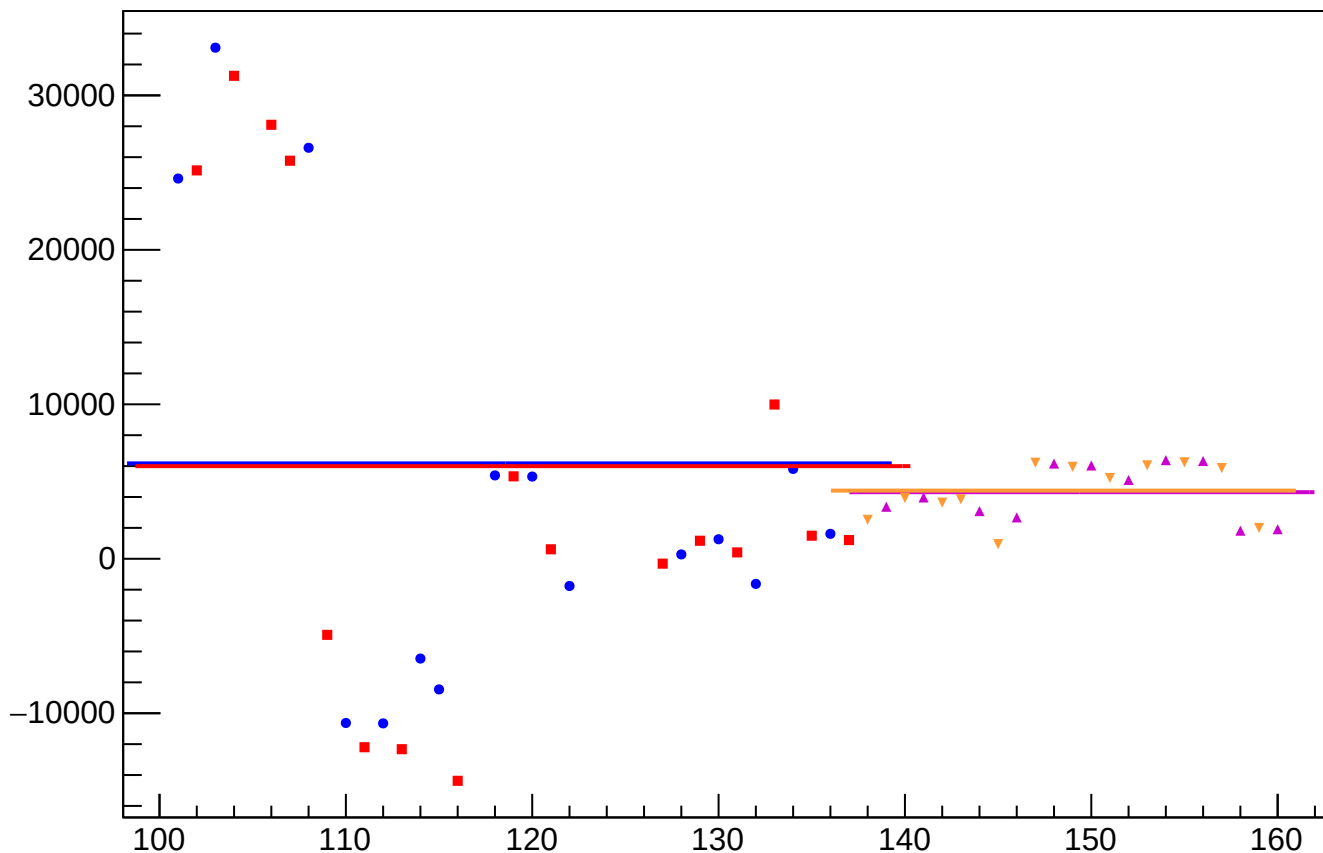
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

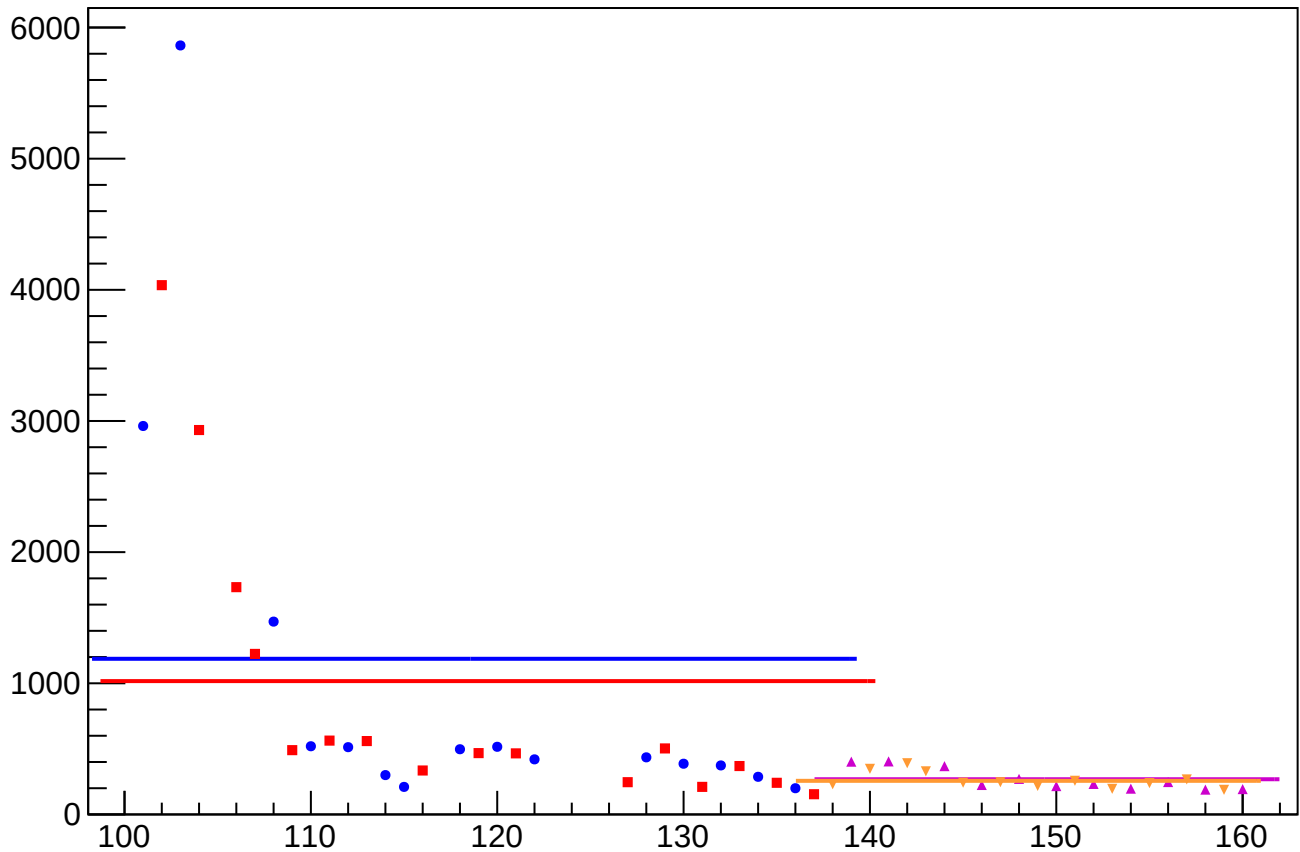
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam2_coil6_mean vs Slug



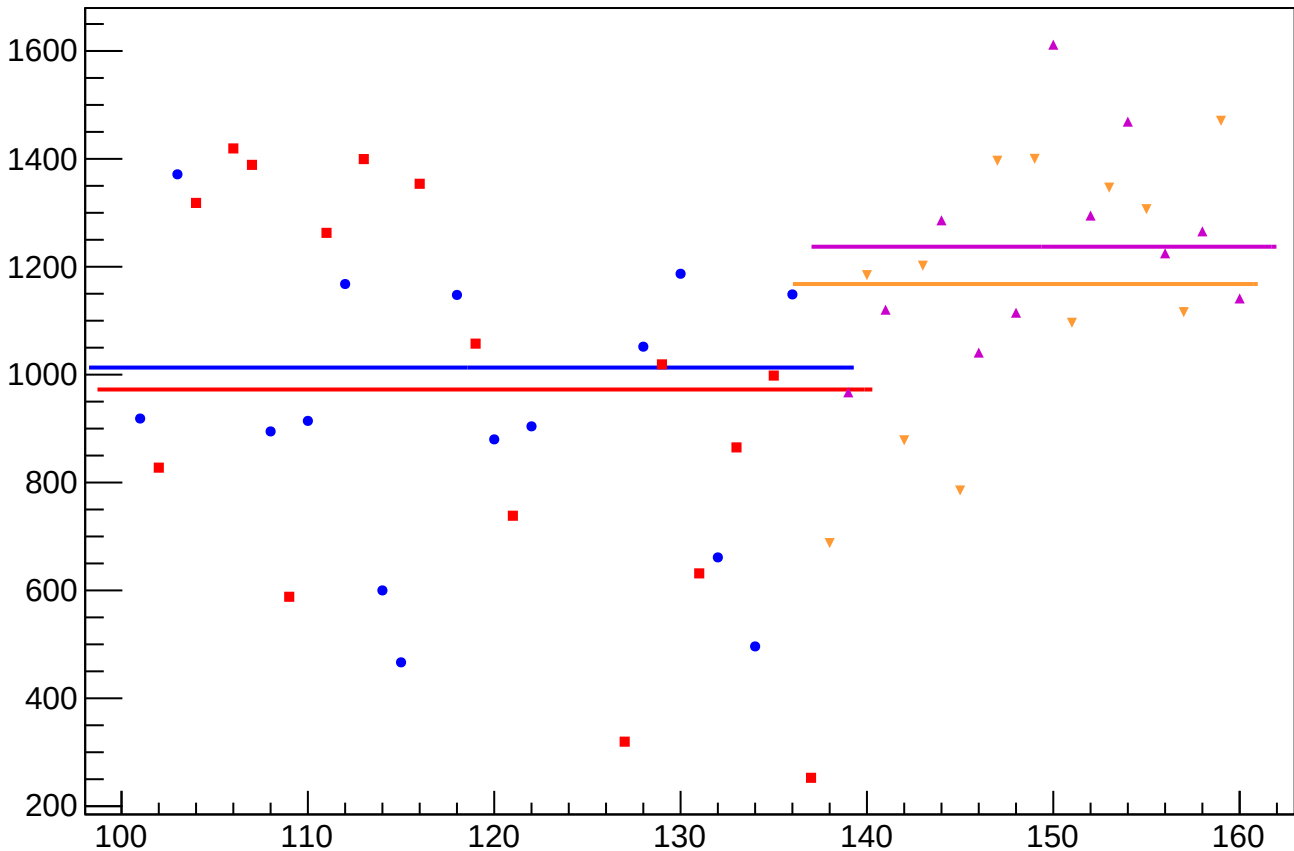
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4413.614+/-0.000 χ^2/NDF : 2955972864027480615108884679842756296704.0/11
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4310.541+/-0.000 χ^2/NDF : 2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 256.413+/-0.000 χ^2/NDF : 2796377992740210527233445839838904320.0/11
 Right Out: 1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: 268.493+/-0.000 χ^2/NDF : 5855734975706547823556607966386847744.0/10

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000

χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1237.150+/-0.000

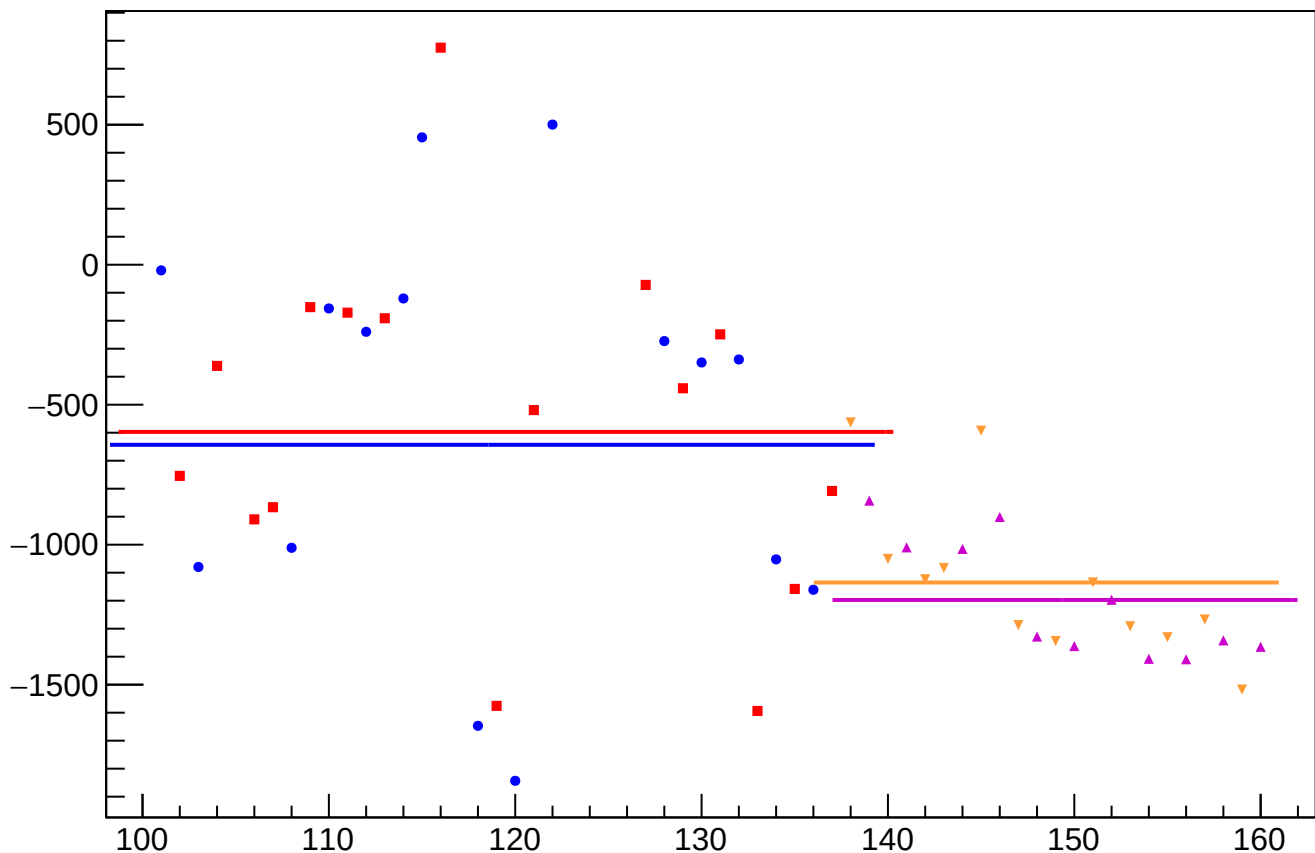
χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1135.033+/-0.000 χ^2/NDF : 73789817632186163776632146016354697216.0/11

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

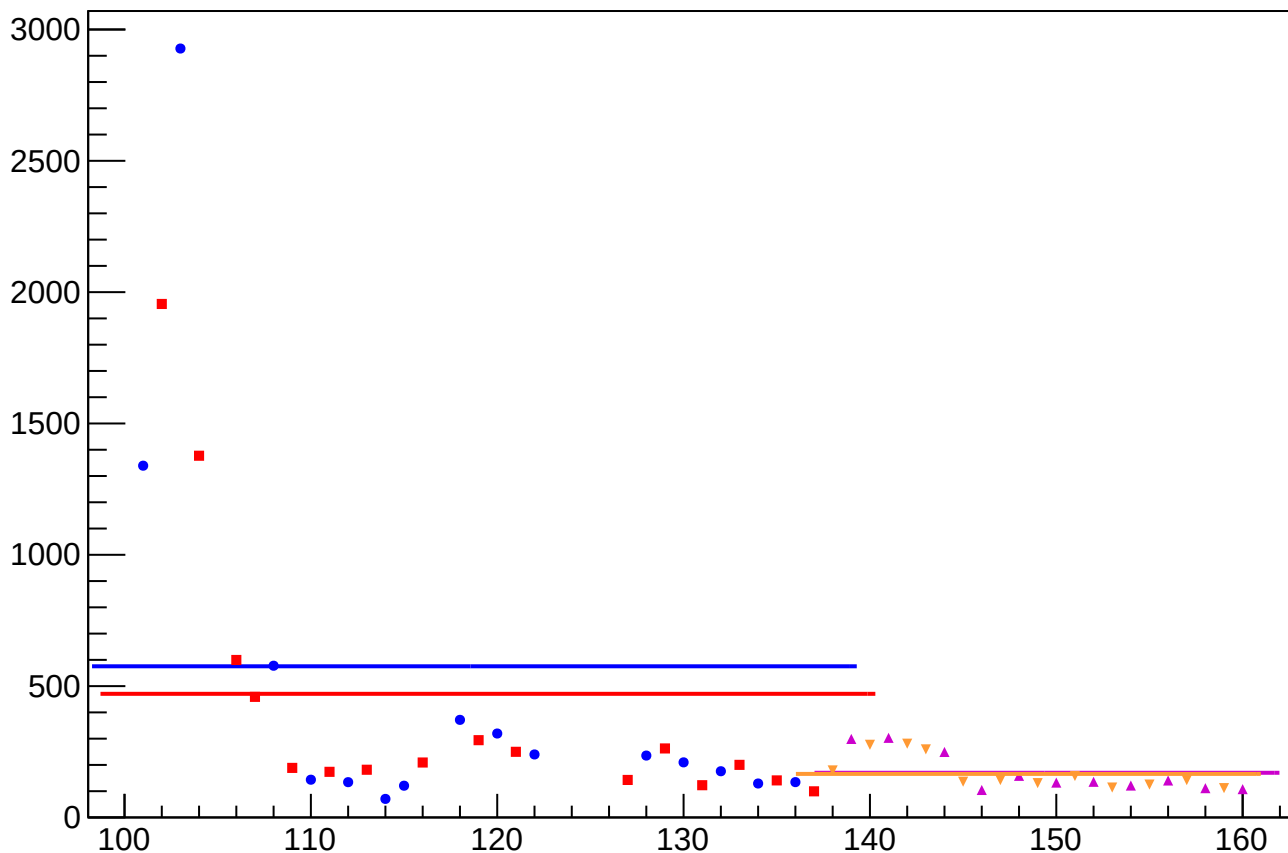
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ sign -931.209+/-0.000 χ^2/NDF : 43844054596659

All: -938.547+/-0.000 χ^2/NDF : 82763369578

- sign -945.770+/-0.000 χ^2/NDF : 389025821558760

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 165.815+/-0.000 χ^2/NDF : 3077732362329556605426877868663635968.0/11

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

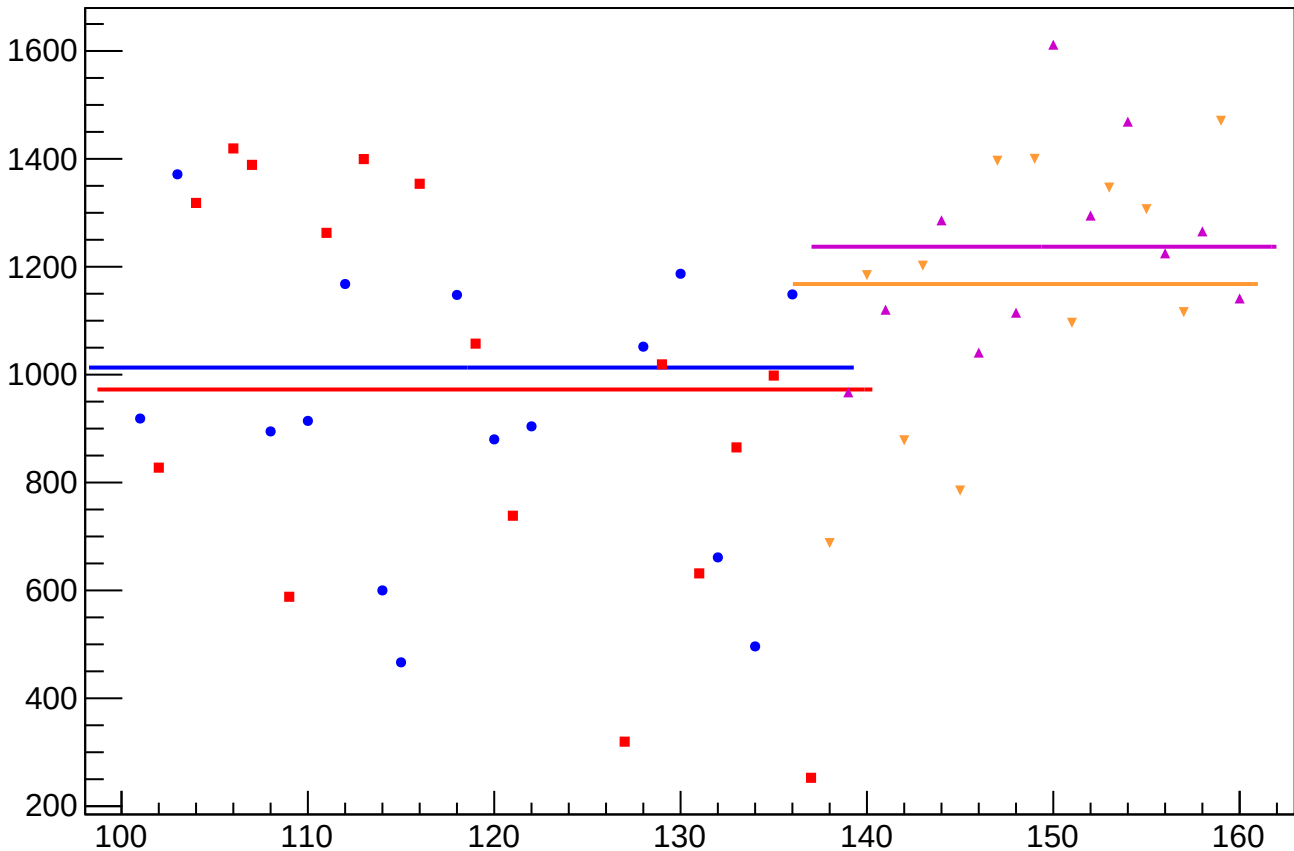
Left In: 170.082+/-0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

+ sign 335.612+/-0.000 χ^2/NDF : 499551292121539

All: 315.709+/-0.000 χ^2/NDF : 74995493636

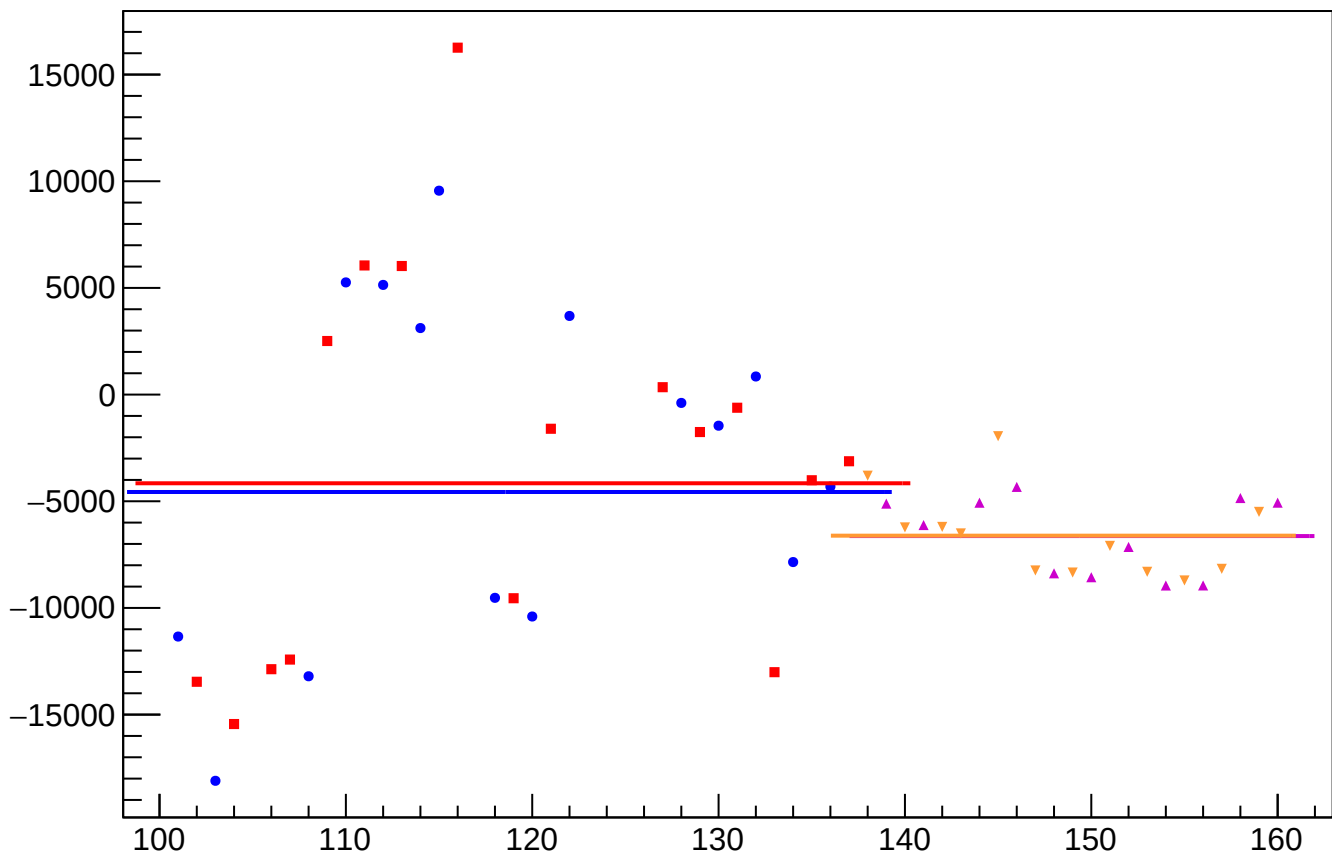
- sign 296.118+/-0.000 χ^2/NDF : 249172631287531

dit_sam3_coil6_Ndata_mean vs Slug



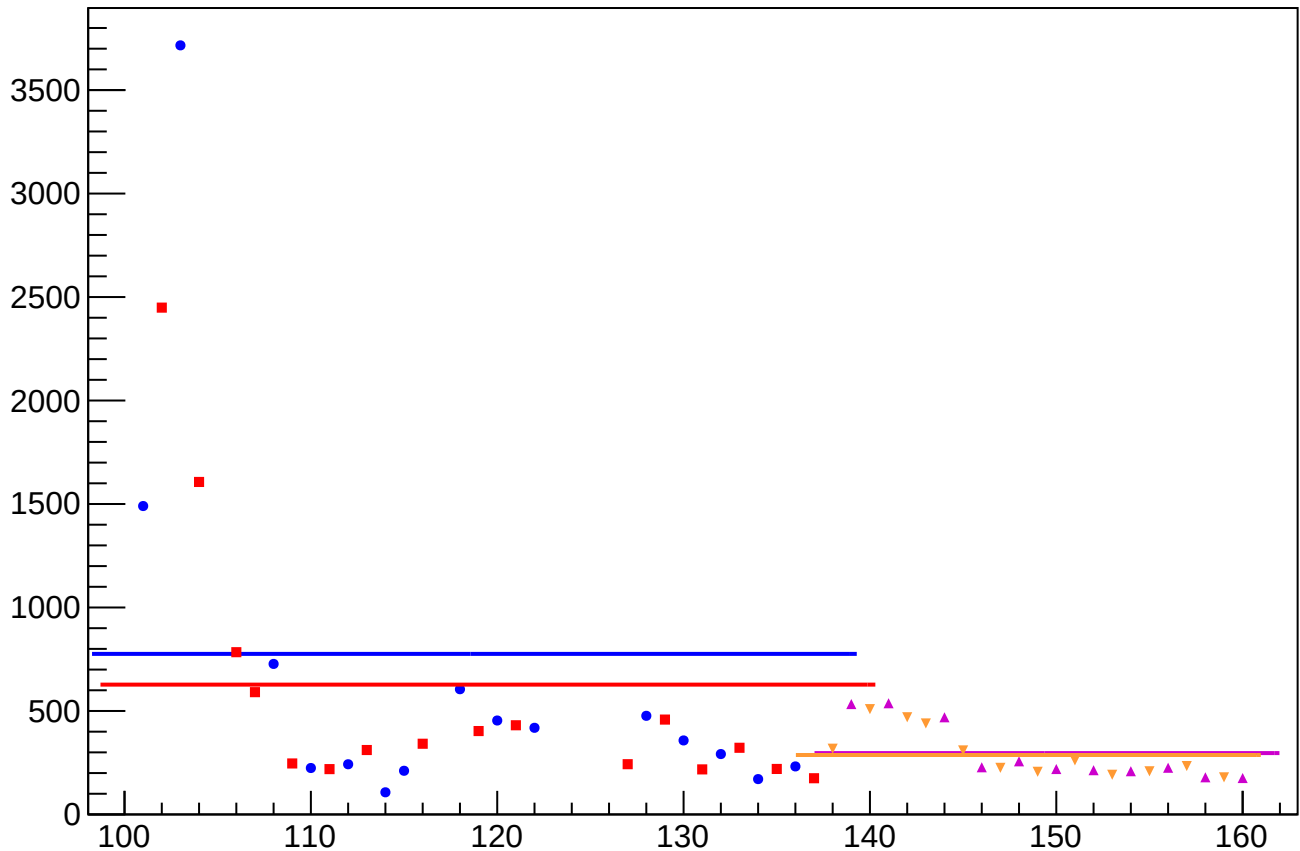
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974 $\pm$ 0.000 χ^2 /NDF: 54610138783870430946405205692756525056.0/11
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 $\pm$ 0.000 χ^2 /NDF: 30323445843993737164691986740223672320.0/10

dit_sam4_coil6_mean vs Slug



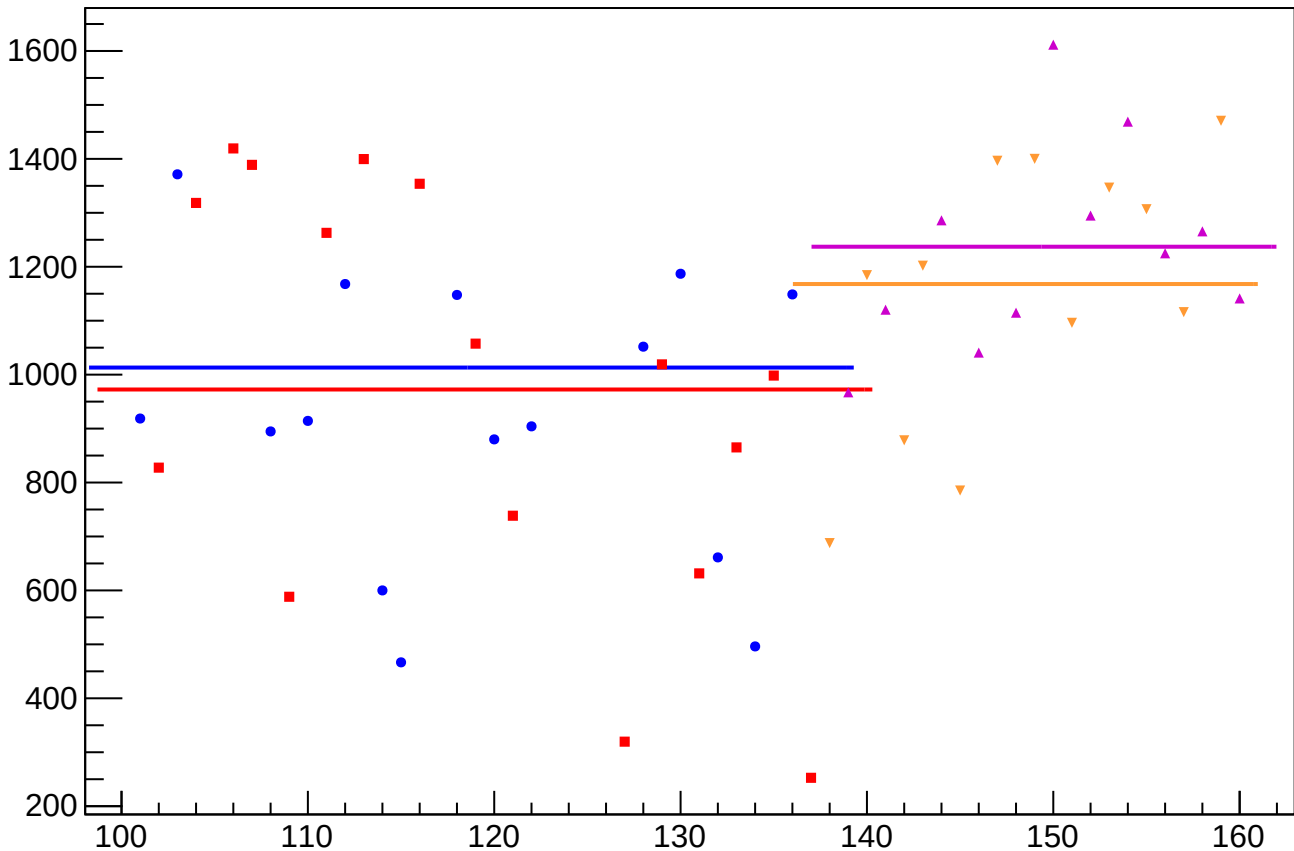
Right In: -4565.412 ± 0.000 χ^2/NDF : 35667768247432289984899042725155487875072.0/14
 Left Out: -6612.752 ± 0.000 χ^2/NDF : 3759909720266492863199038301551573598208.0/11
 Right Out: -4156.859 ± 0.000 χ^2/NDF : 45539455441659927157708443099930682195968.0/15
 Left In: -6631.377 ± 0.000 χ^2/NDF : 2831140540306304869921468245145345327104.0/10
 All: -5678.449 ± 0.000 χ^2/NDF : 9178607945
 + sign -5764.270 ± 0.000 χ^2/NDF : 4102062790522
 - sign -5593.977 ± 0.000 χ^2/NDF : 50742565096238

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824 $\pm$ 0.000 χ^2 /NDF: 641856726975740612716432458612629045248.0/14
 Left Out: 287.283 $\pm$ 0.000 χ^2 /NDF: 10557467074341773559479069744616701952.0/11
 Right Out: 627.315 $\pm$ 0.000 χ^2 /NDF: 297517676171111924966086193860621369344.0/15
 Left In: 296.514 $\pm$ 0.000 χ^2 /NDF: 17061879022016484064295210228444561408.0/10
 All: 462.257 $\pm$ 0.000 χ^2 /NDF: 11024358808.0/11
 + sign 489.750 $\pm$ 0.000 χ^2 /NDF: 743117991938911.0/11
 - sign 435.197 $\pm$ 0.000 χ^2 /NDF: 356969187717050.0/11

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000

χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1237.150+/-0.000

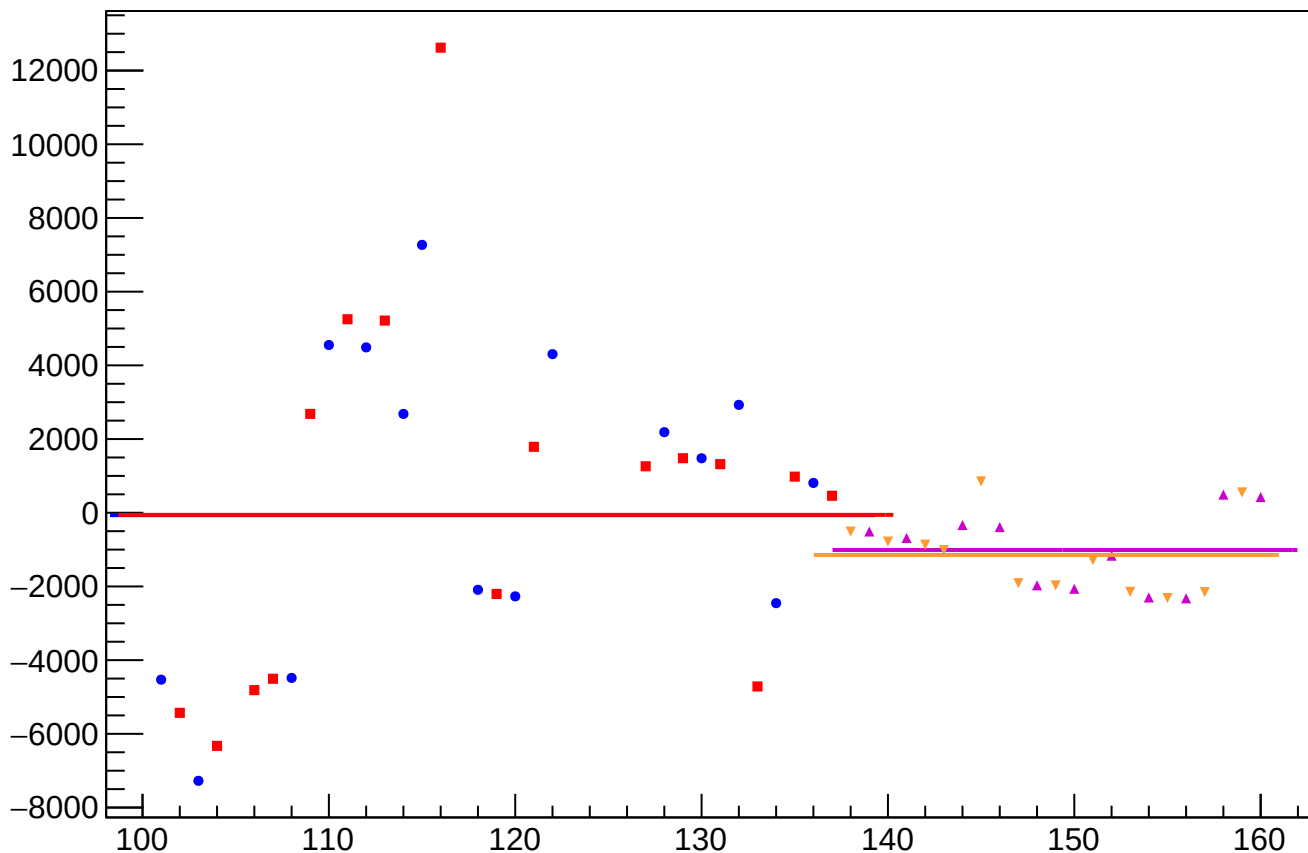
χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -1145.277+/-0.000 χ^2/NDF : 979075596349520821974350897813840199680.0/11

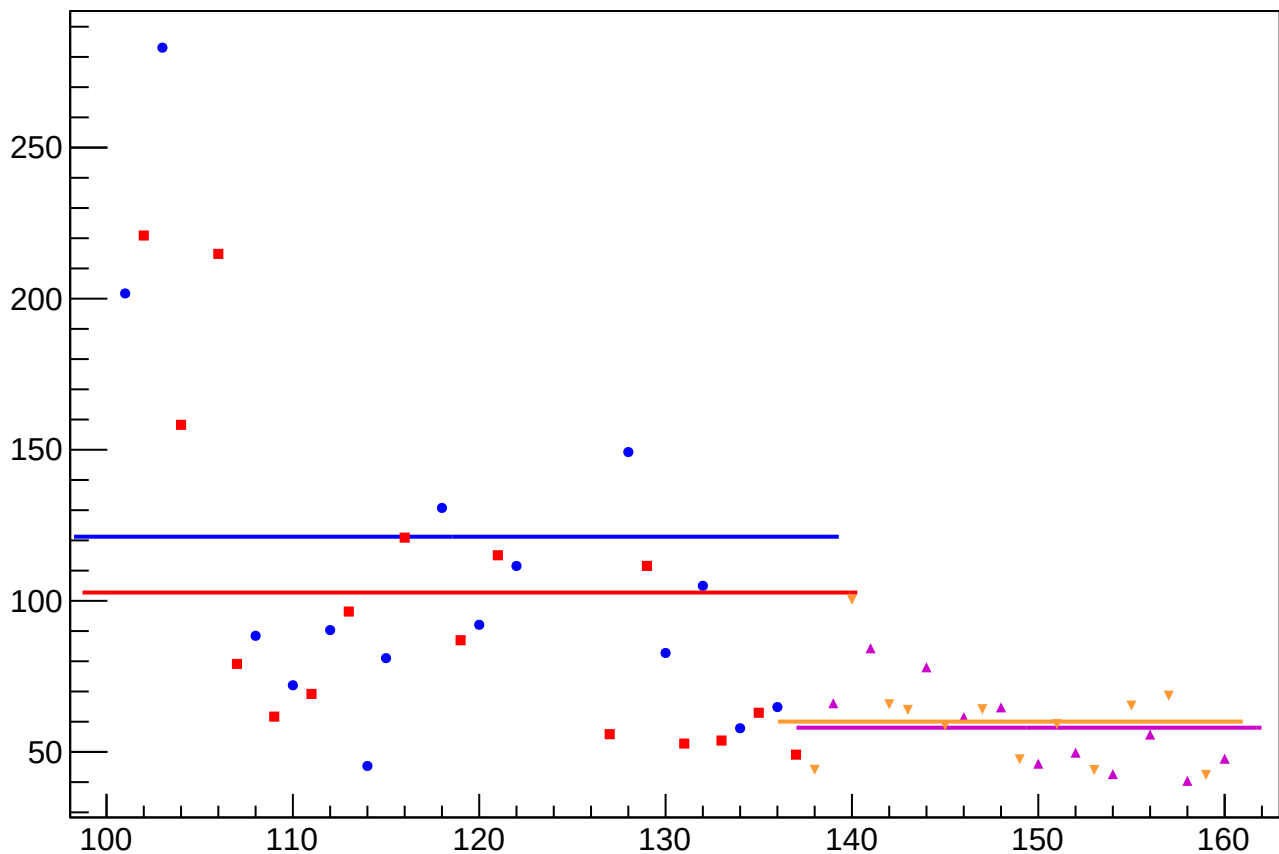
Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: -1011.284+/-0.000 χ^2/NDF : 903909408421874171739001543159795679232.0/10

All: -654.052+/-0.000 χ^2/NDF : 26080323896

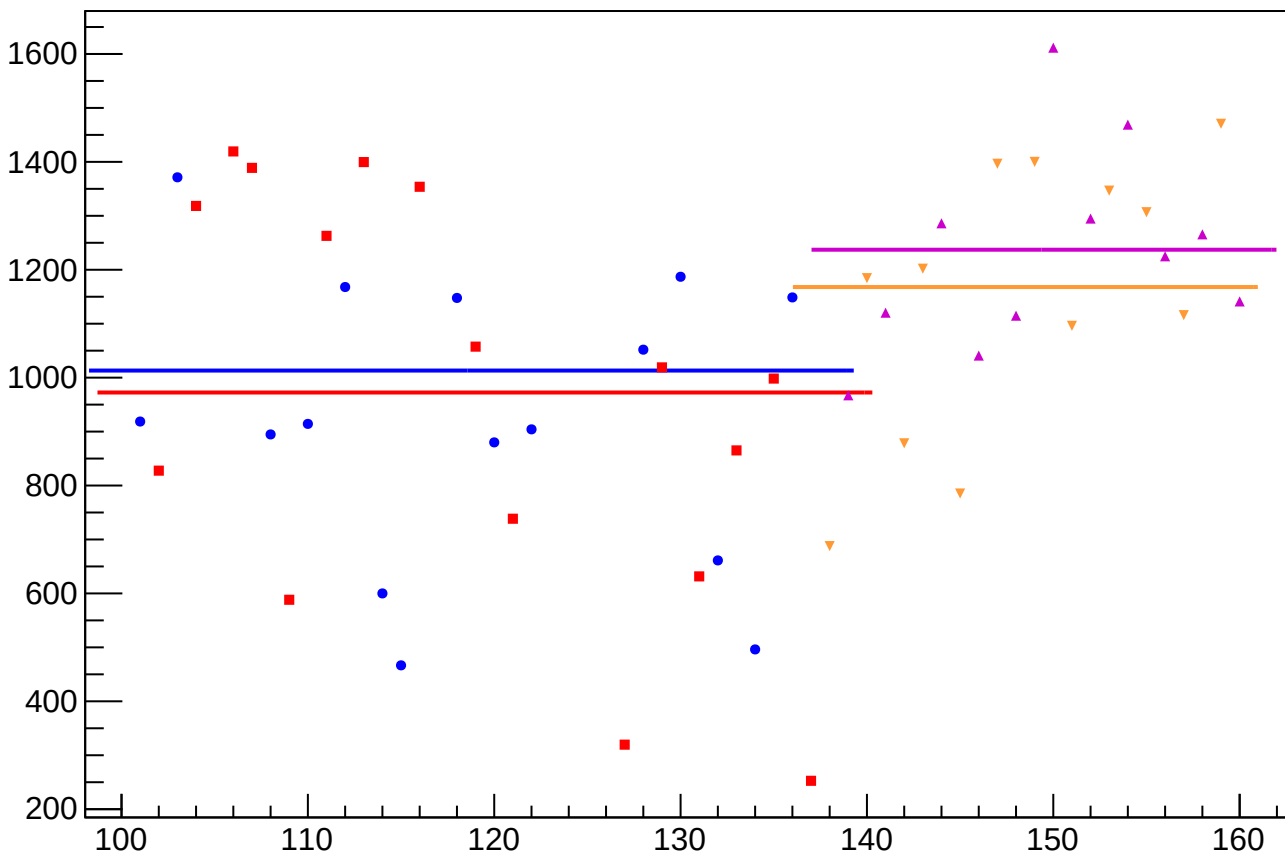
- sign -611.312+/-0.000 χ^2/NDF : 150374623927280

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228 ± 0.000 $\chi^2/\text{NDF}: 2723170857684362574800637594861305856.0/14$
 Left Out: 60.042 ± 0.000 $\chi^2/\text{NDF}: 225194152627424805036116621962248192.0/11$
 Right Out: 102.749 ± 0.000 $\chi^2/\text{NDF}: 1967668024846010333654427670555918336.0/15$
 Left In: 58.011 ± 0.000 $\chi^2/\text{NDF}: 177427701786540438757655027214450688.0/10$
 All: 81.049 ± 0.000 $\chi^2/\text{NDF}: 7350332917808$

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

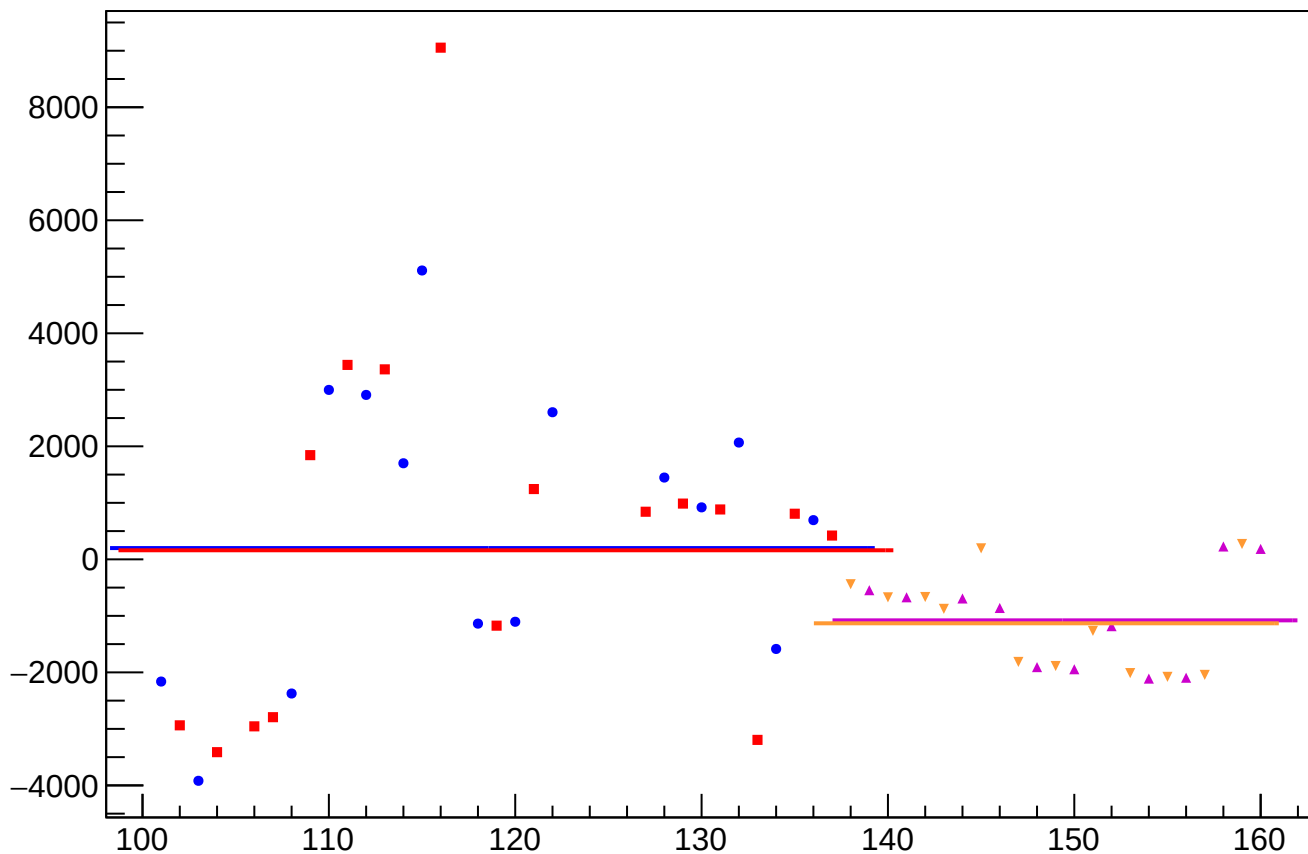
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14

Left Out: -1131.740+/-0.000 χ^2/NDF : 658434610169859056709733978264796397568.0/11

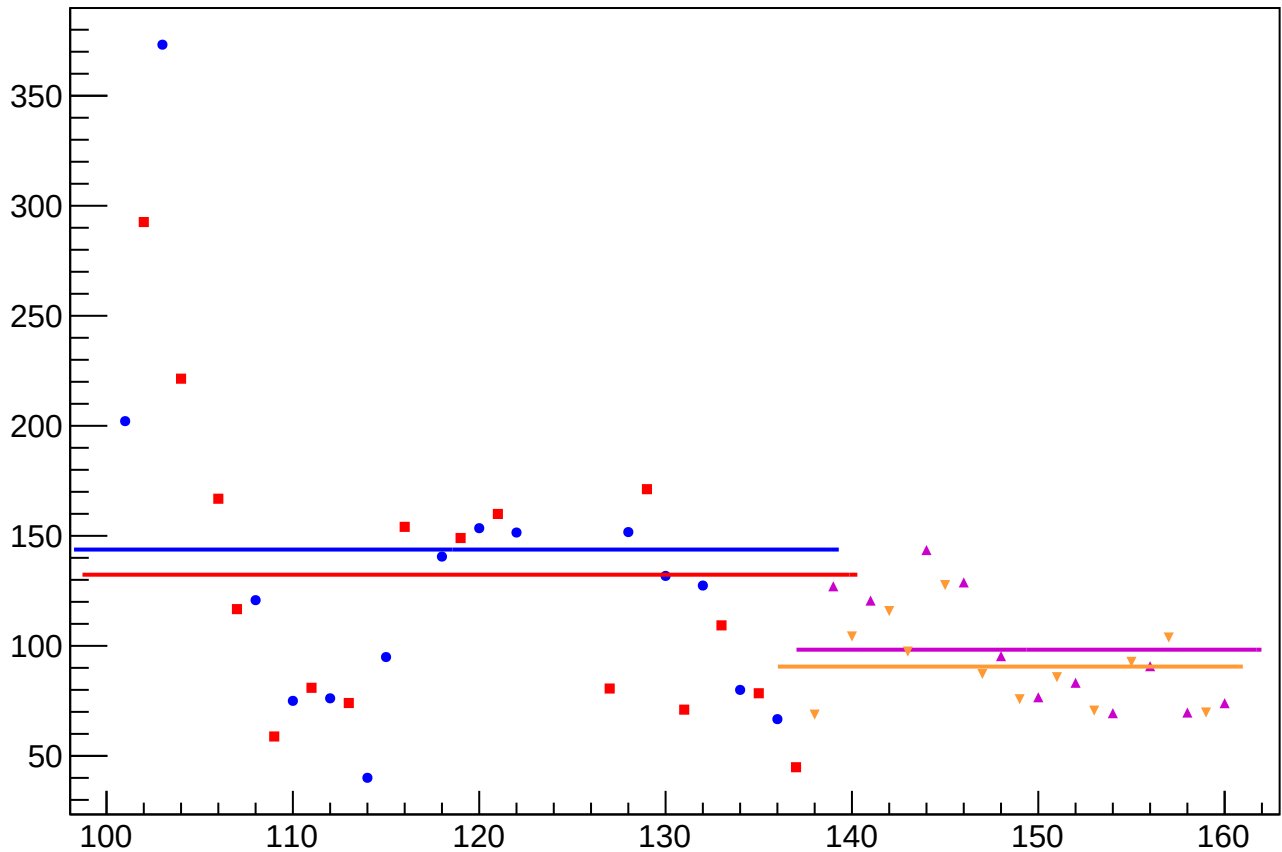
Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15

Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

All: -569.773+/-0.000 χ^2/NDF : 11491418228

- sign -559.678+/-0.000 χ^2/NDF : 689099774035240

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14

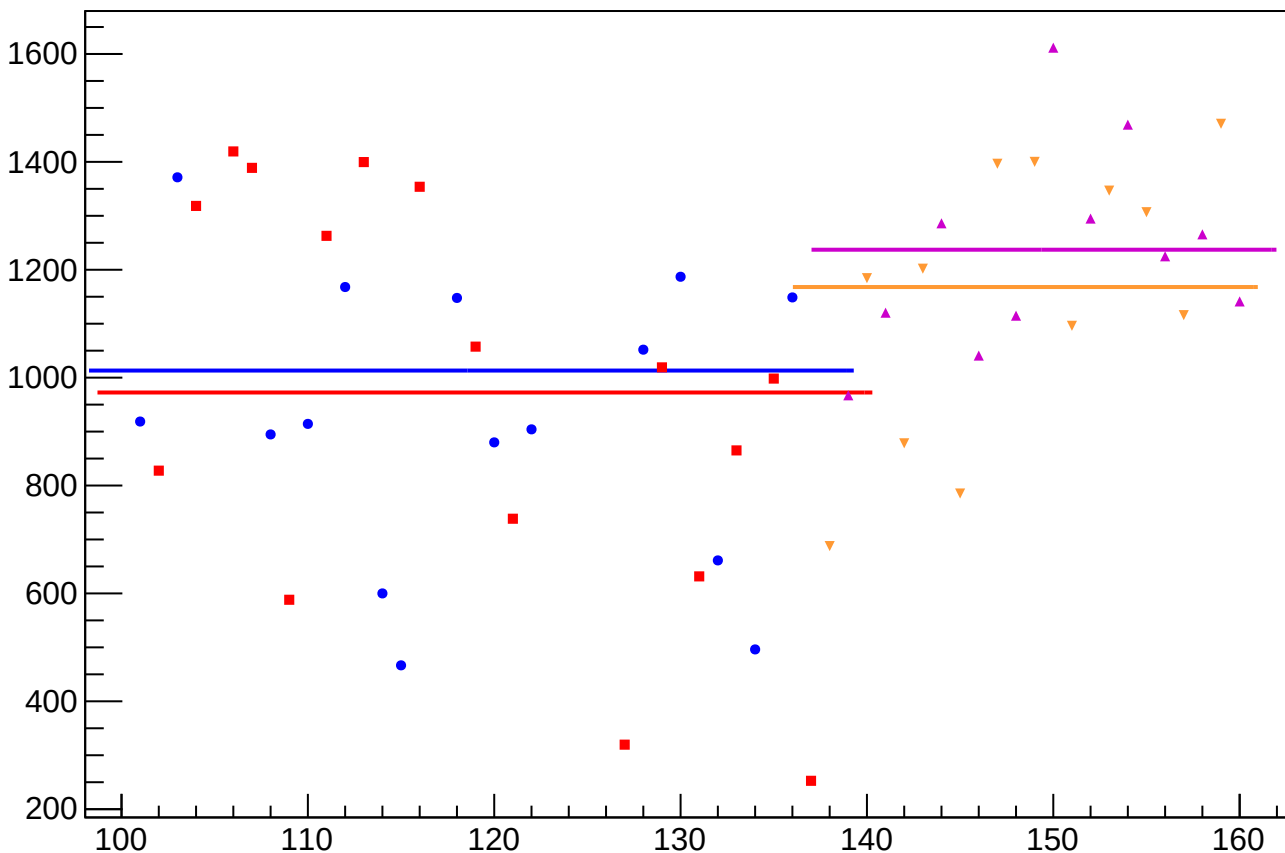
Left Out: 90.584 $\pm$ 0.000 χ^2 /NDF: 300208511037372941883923935499649024.0/11

Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15

Left In: 98.257 $\pm$ 0.000 χ^2 /NDF: 6209937767730933933033369428470792192.0/10

All: 112.584 $\pm$ 0.000 χ^2 /NDF: 101348411349

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

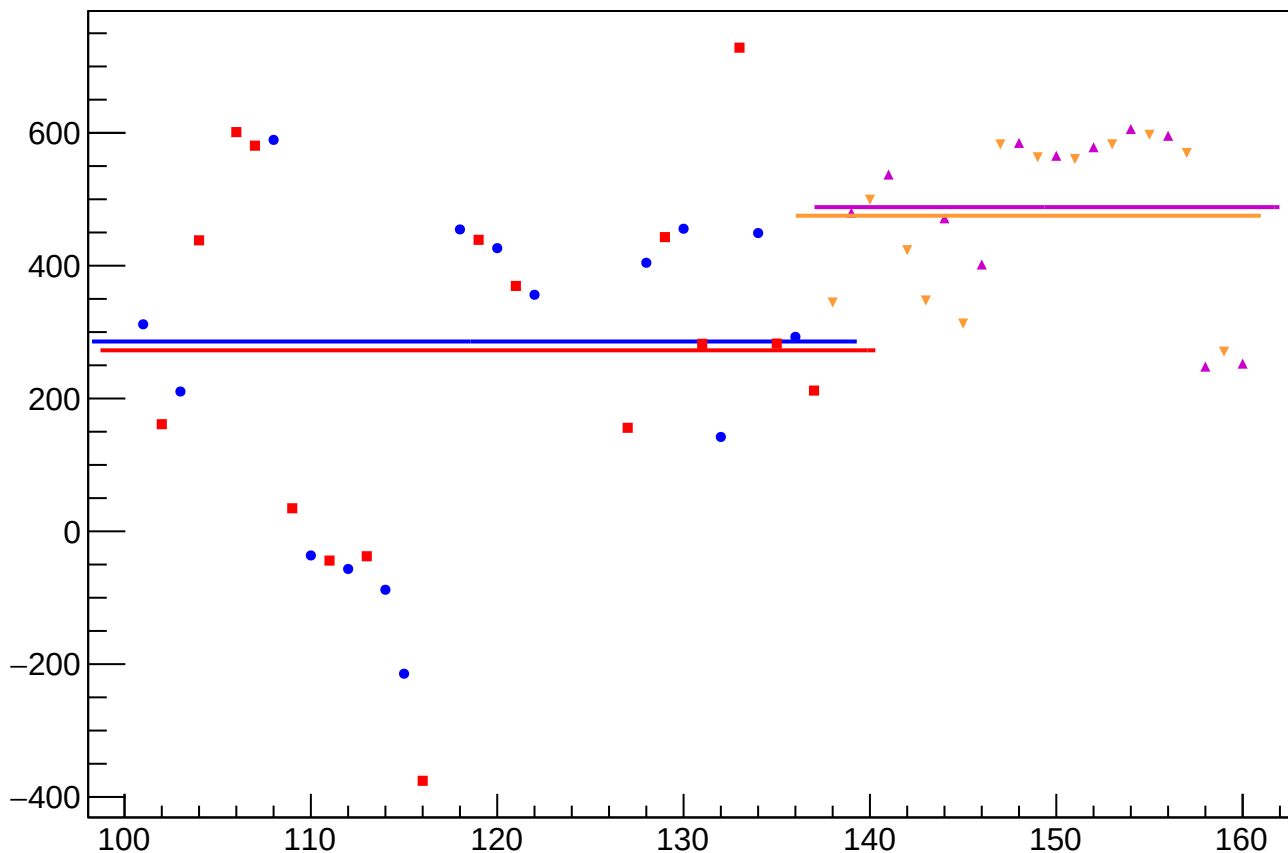
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1103.808+/-0.000 χ^2/NDF : 95441405756272

All: 1115.086+/-0.000 χ^2/NDF : 23218314916

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 475.235+/-0.000 χ^2/NDF : 13070818687465126874075480521523068928.0/11

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

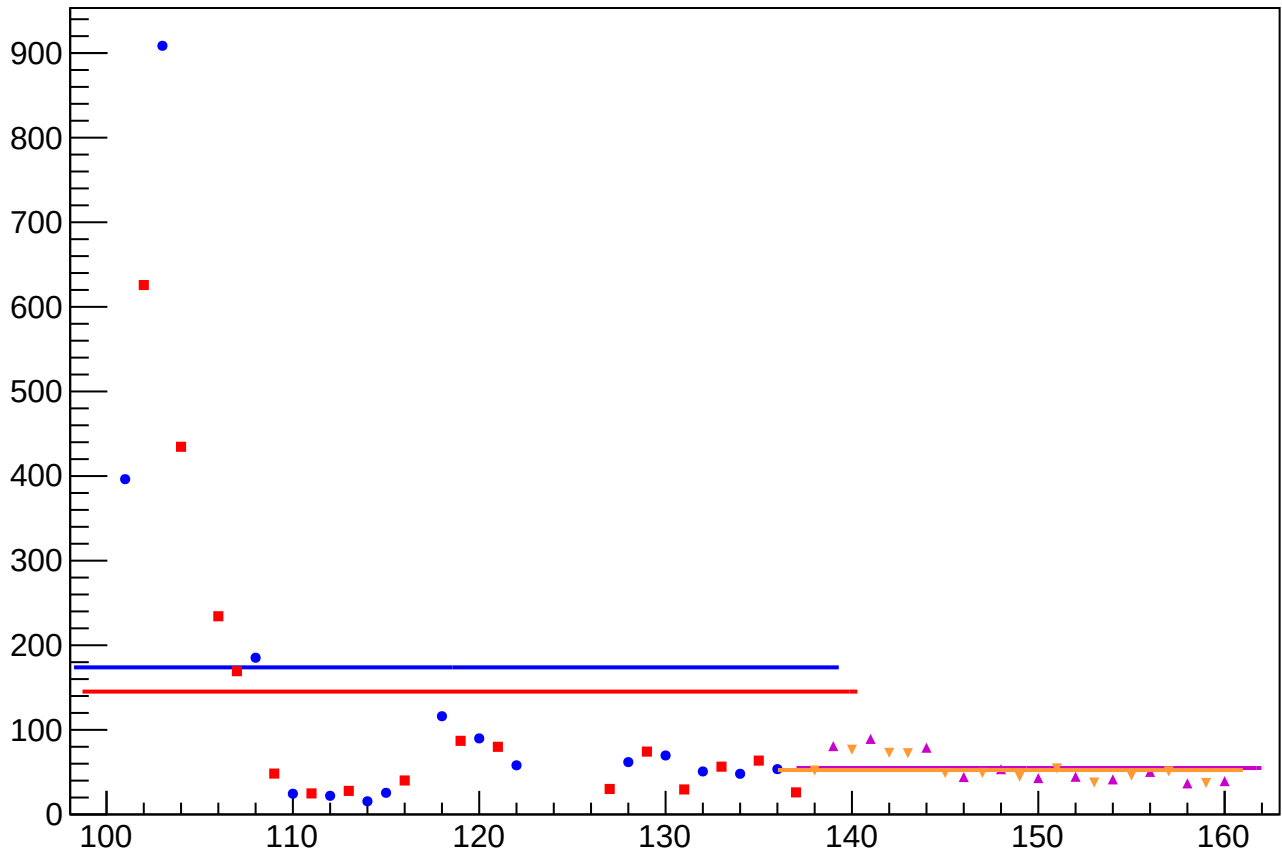
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 396.751+/-0.000 χ^2/NDF : 508087742294544

All: 397.274+/-0.000 χ^2/NDF : 12680558344

- sign 397.790+/-0.000 χ^2/NDF : 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

+ sign 102.790+/-0.000 χ^2/NDF : 474462044613621

Left Out: 52.484+/-0.000 χ^2/NDF : 140982522312355375266483802671677440.0/11

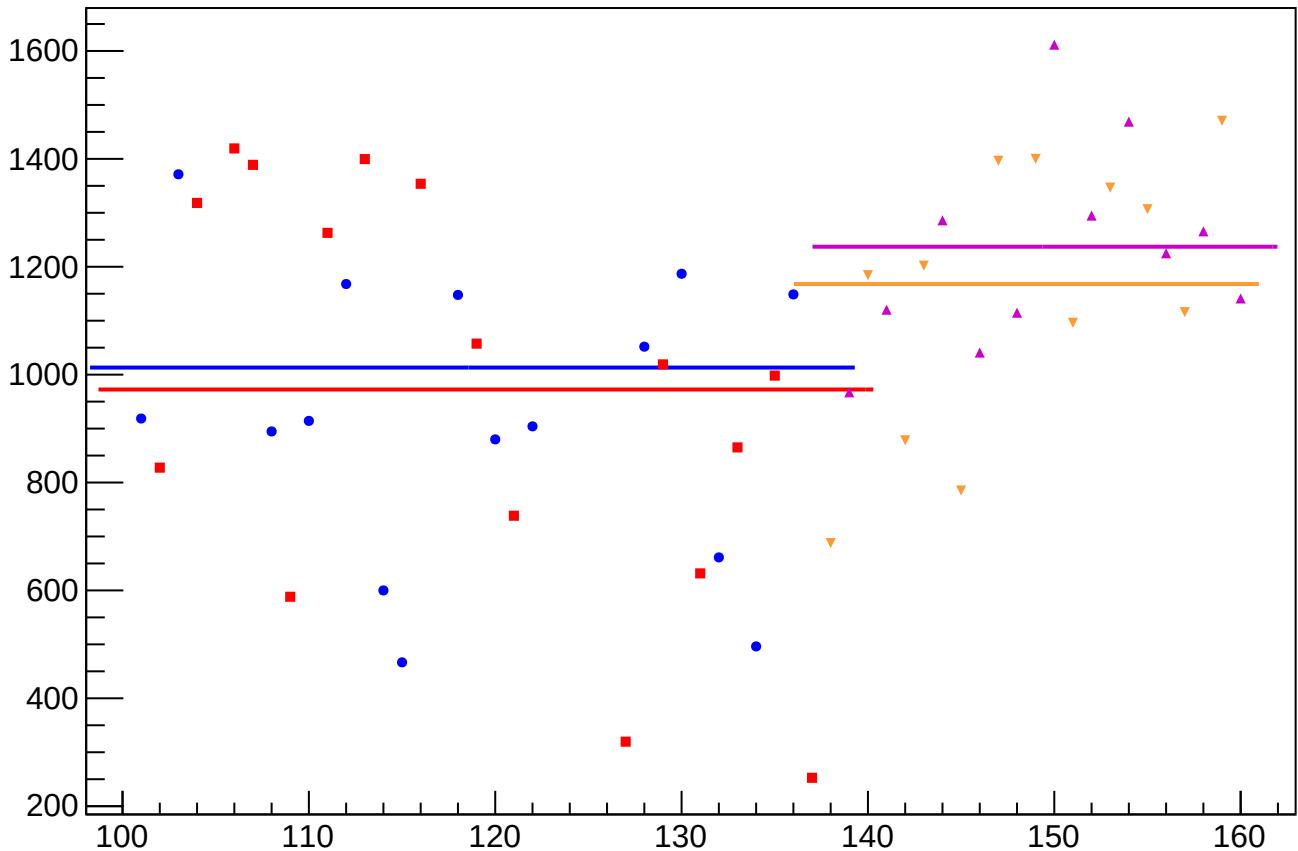
All: 97.737+/-0.000 χ^2/NDF : 7351678638524

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF : 2599123168114386

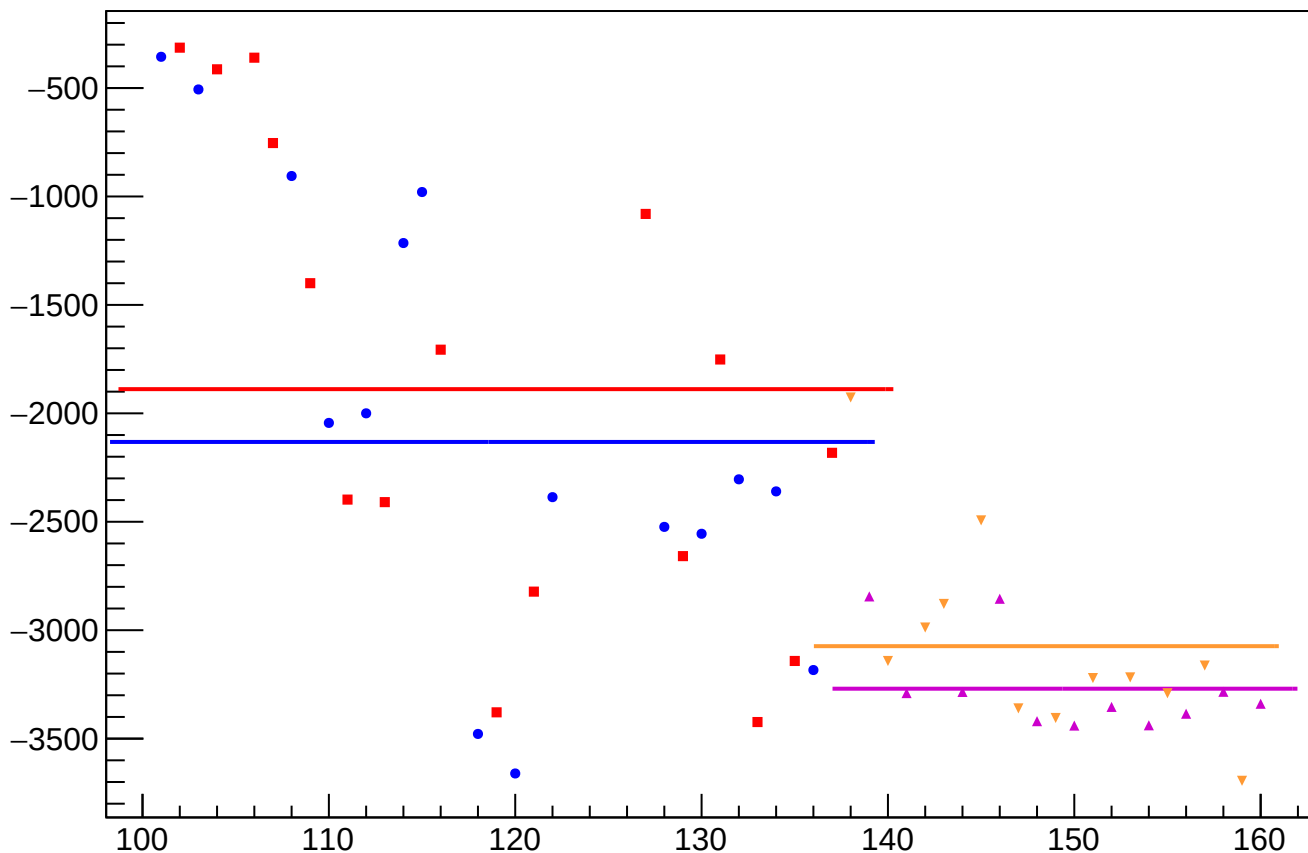
Left In: 54.891+/-0.000 χ^2/NDF : 300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

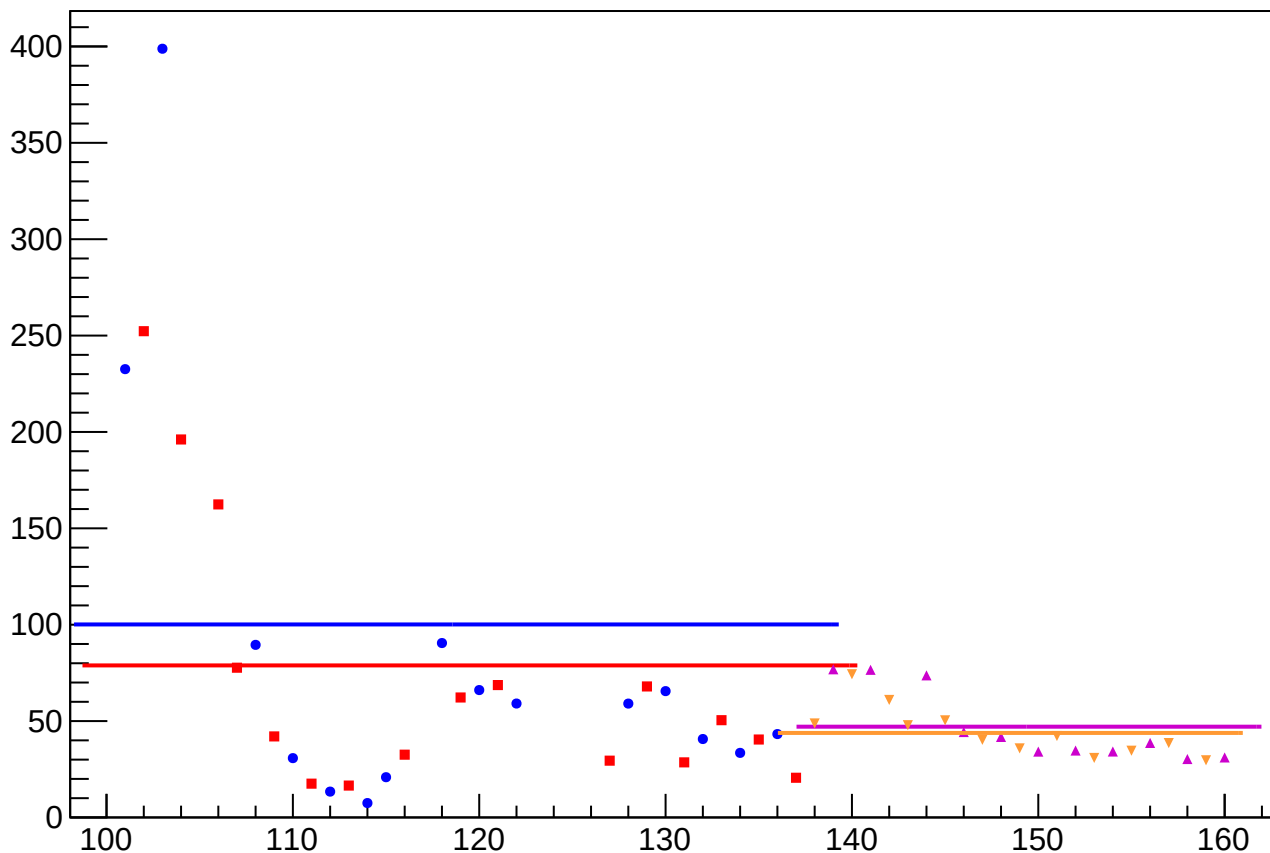
dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000	χ^2/NDF : 722433384570495071131450661983670501376.0/14
Left Out: -3073.640+/-0.000	χ^2/NDF : 187385582436852783779369611000994070528.0/11
Right Out: -1888.448+/-0.000	χ^2/NDF : 791986665551980691032719862611769819136.0/15
Left In: -3269.755+/-0.000	χ^2/NDF : 38098096180391062431092176239781216256.0/10

+ sign -2683.355+/-0.000 χ^2/NDF : 1246857732983
 All: -2687.039+/-0.000 χ^2/NDF : 2816093255
 - sign -2690.665+/-0.000 χ^2/NDF : 15691933486268

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 43.850+/-0.000 χ^2/NDF : 141916966921802590982612264966684672.0/11

Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

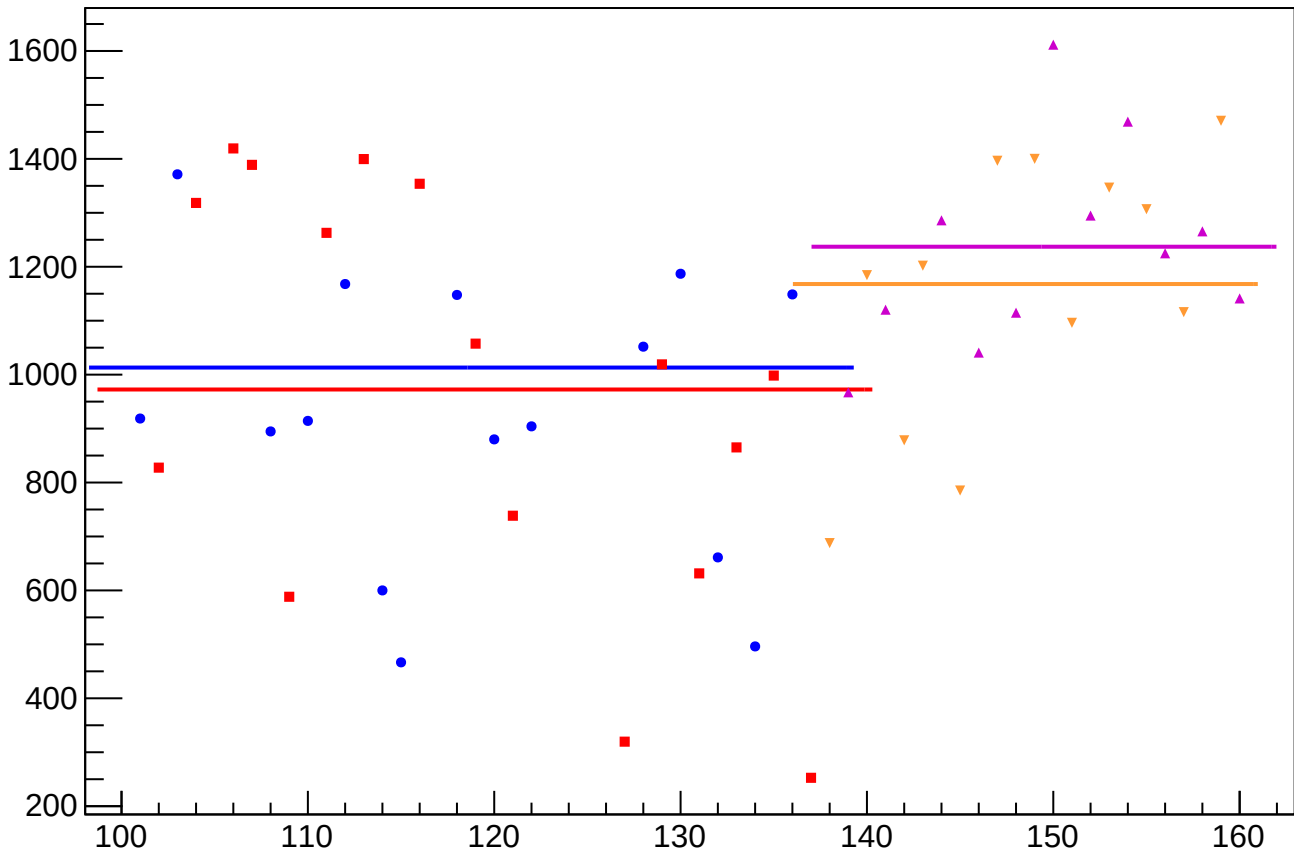
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ sign 67.177+/-0.000 χ^2/NDF : 9159773877688145

All: 63.771+/-0.000 χ^2/NDF : 1341493564216

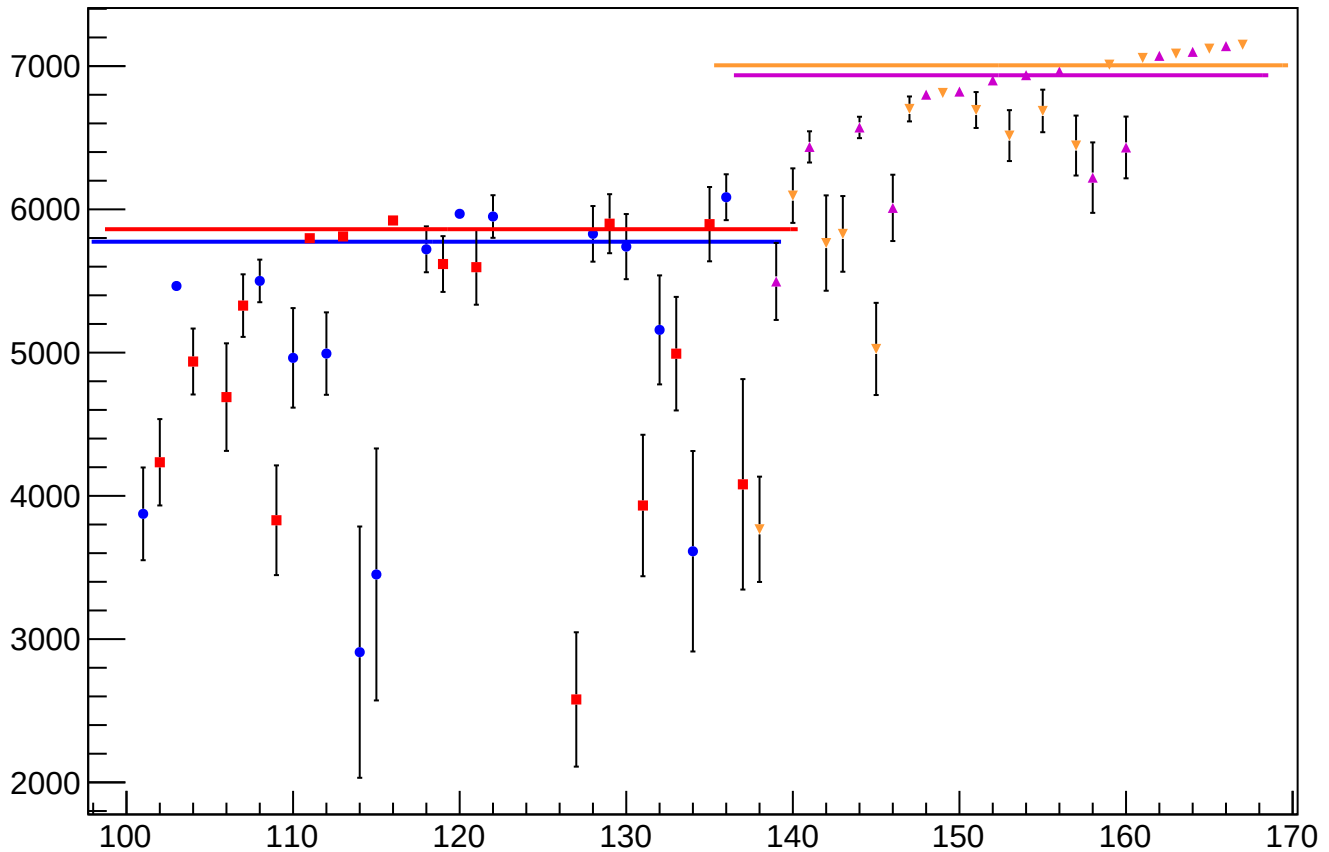
- sign 60.419+/-0.000 χ^2/NDF : 4219125097072467

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974 $\pm$ 0.000 χ^2 /NDF: 54610138783870430946405205692756525056.0/11
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 $\pm$ 0.000 χ^2 /NDF: 30323445843993737164691986740223672320.0/10

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7005.636 $\pm$ 0.172 χ^2 /NDF: 640955.1/15

+ sign 6421.368 $\pm$ 0.125 χ^2 /NDF: 26678284.9/30

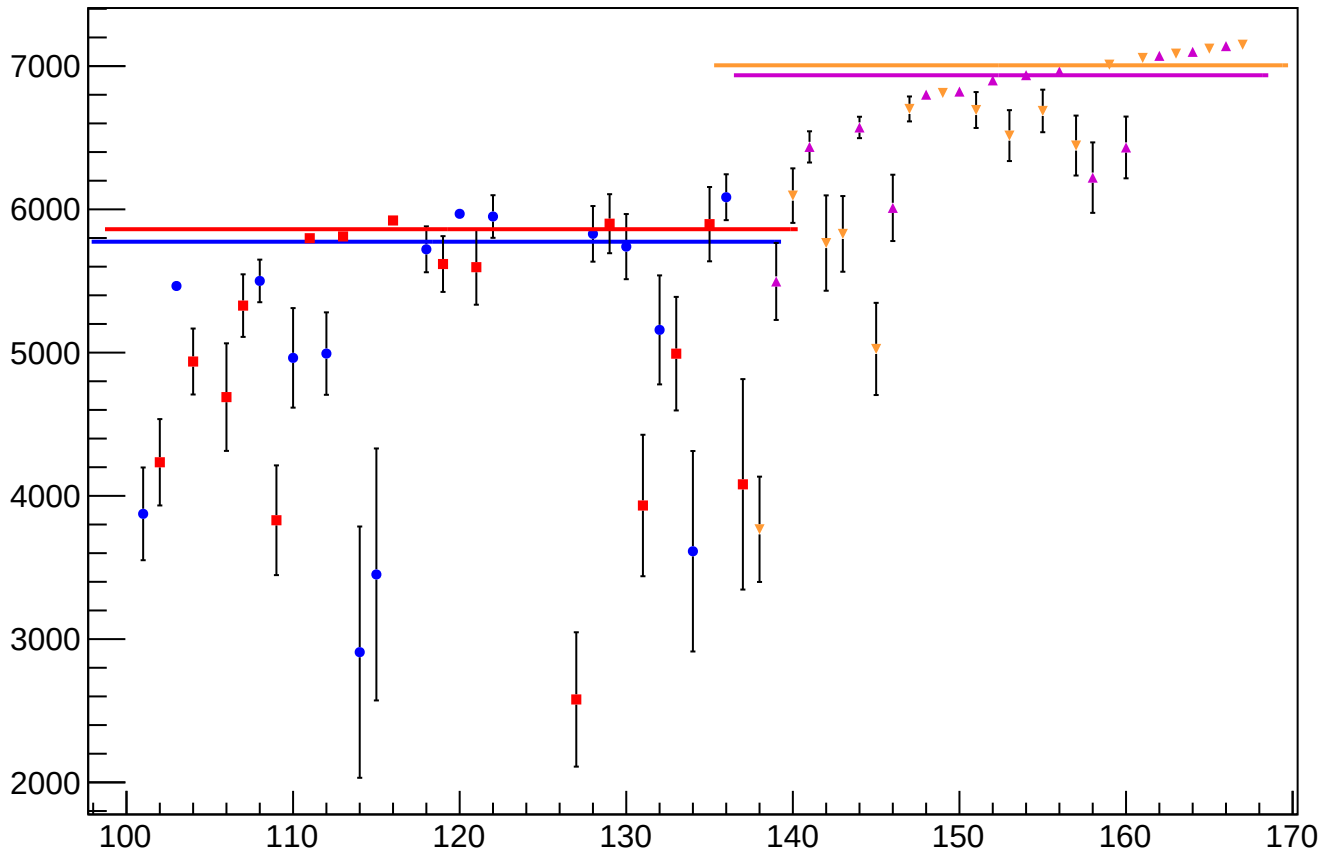
Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

All: 6390.292 $\pm$ 0.079 χ^2 /NDF: 55590163.2/6

- sign 6369.872 $\pm$ 0.101 χ^2 /NDF: 28809432.2/29

Left In: 6936.103 $\pm$ 0.147 χ^2 /NDF: 584144.7/13

dit_run_rms vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7005.636 $\pm$ 0.172 χ^2 /NDF: 640955.1/15

+ sign 6421.368 $\pm$ 0.125 χ^2 /NDF: 26678284.9/30

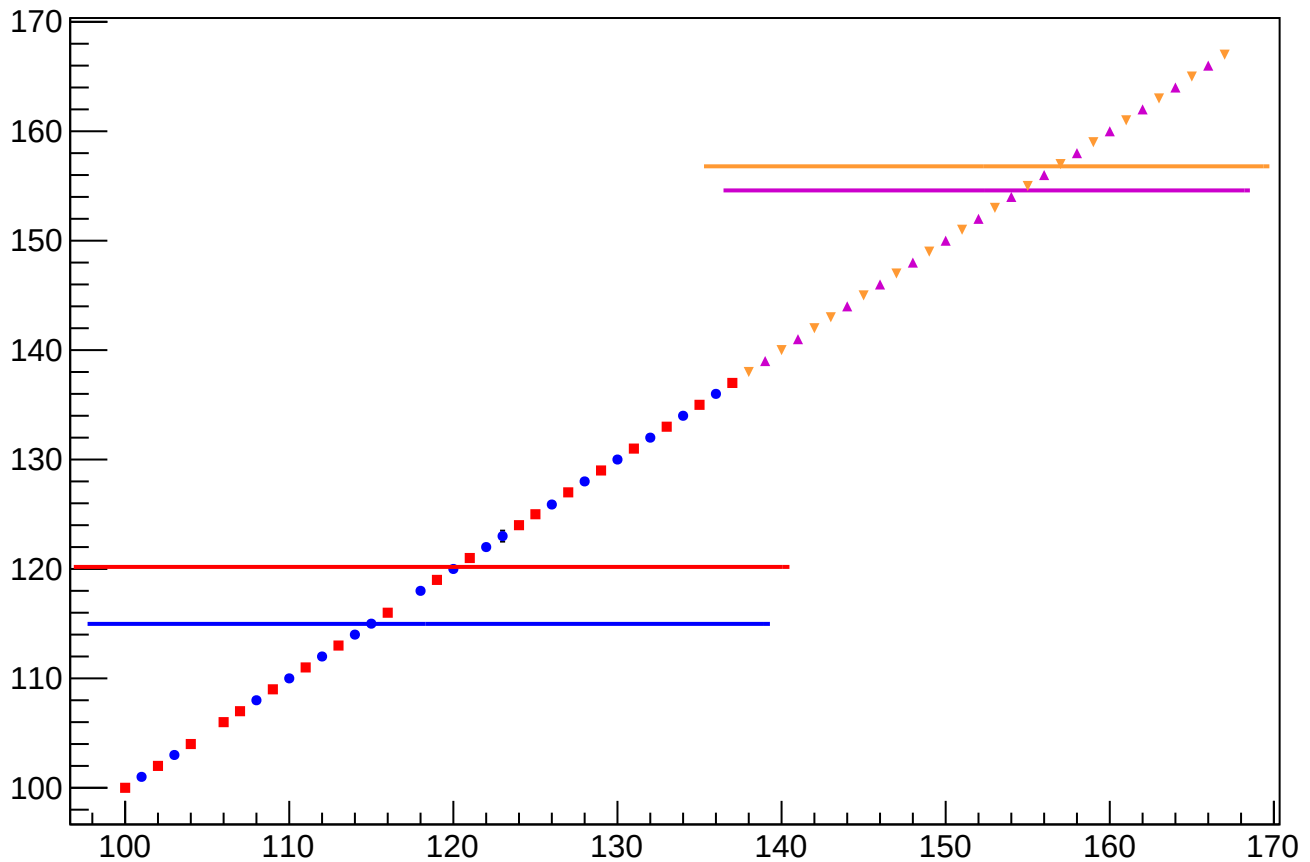
Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

All: 6390.292 $\pm$ 0.079 χ^2 /NDF: 55590163.2/6

- sign 6369.872 $\pm$ 0.101 χ^2 /NDF: 28809432.2/29

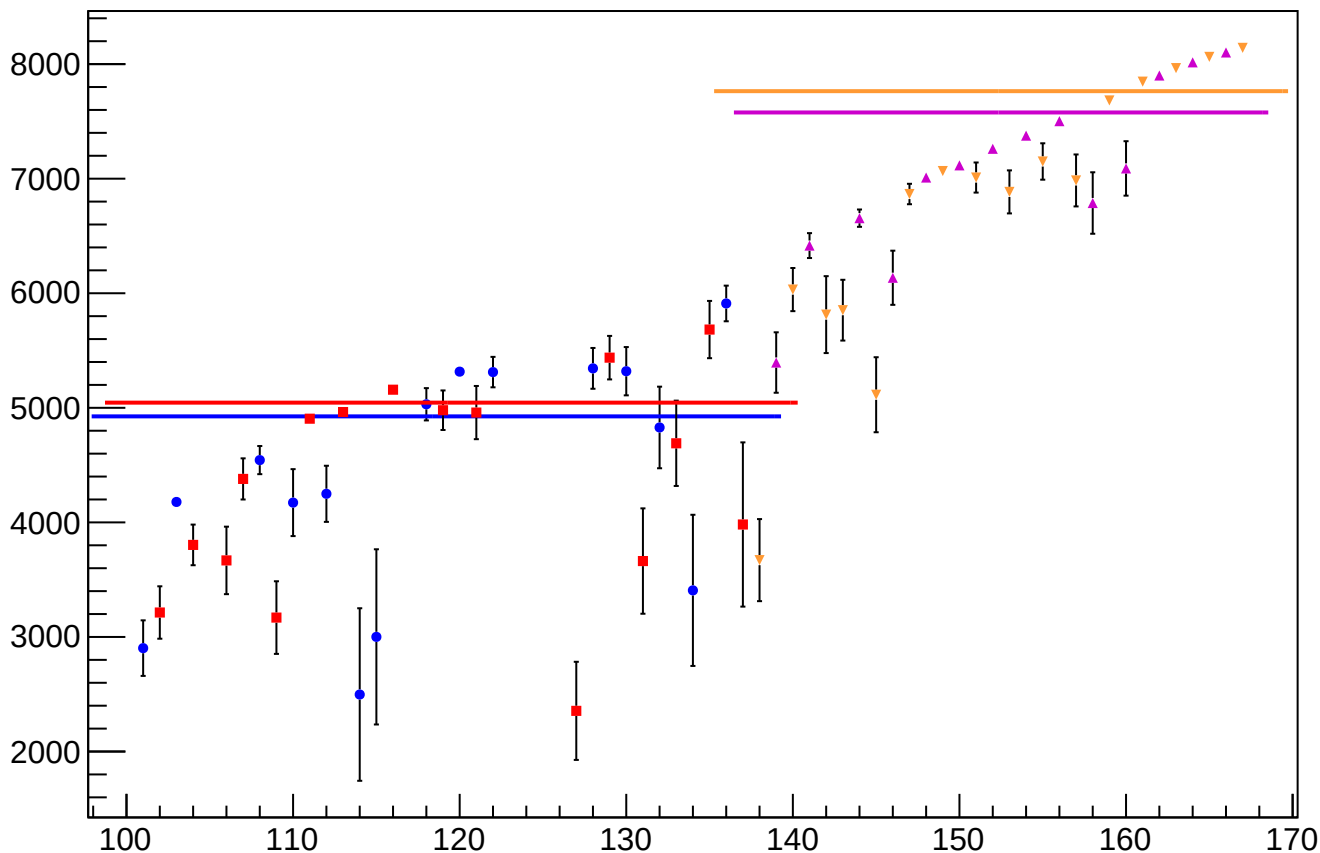
Left In: 6936.103 $\pm$ 0.147 χ^2 /NDF: 584144.7/13

dit_slug_slope vs Slug



Right In: 114.980 $\pm$ 0.000 χ^2 /NDF: 112344936246012934714934440230912.0/16
 Left Out: 156.796 $\pm$ 0.000 χ^2 /NDF: 59632946739739963563318678913024.0/15
 Right Out: 120.186 $\pm$ 0.000 χ^2 /NDF: 52233253644261695528198041763840.0/18
 Left In: 154.594 $\pm$ 0.000 χ^2 /NDF: 32593298913636077691501700710400.0/13

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7763.885+/-0.671 χ^2/NDF :336711.2/15

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

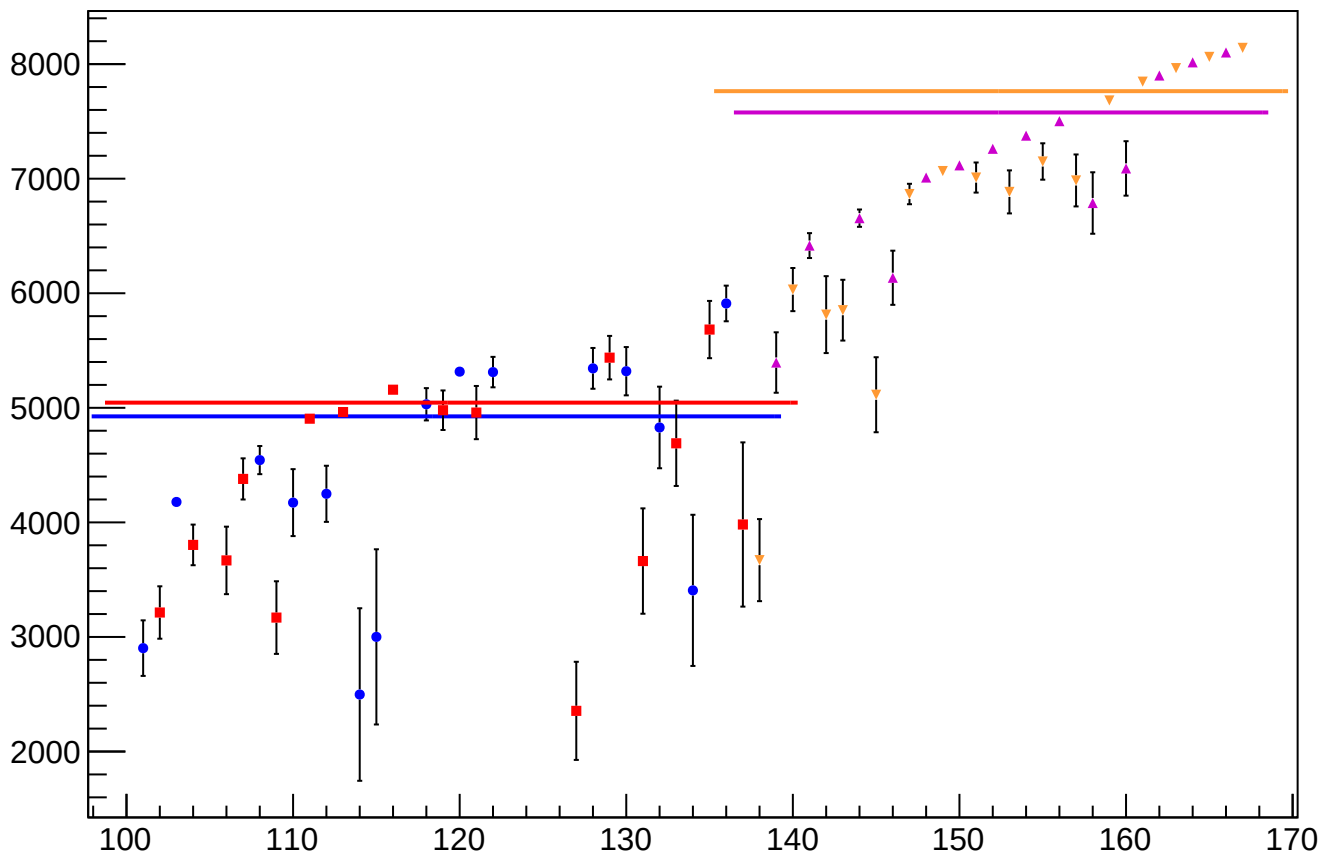
Left In: 7577.929+/-0.582 χ^2/NDF :492849.0/13

+ sign 6804.294+/-0.546 χ^2/NDF : 6720734.0/30

All: 6610.717+/-0.342 χ^2/NDF : 15630843.7/6

- sign 6485.727+/-0.439 χ^2/NDF : 8703087.0/29

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 7763.885 ± 0.671 χ^2/NDF : 336711.2/15

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

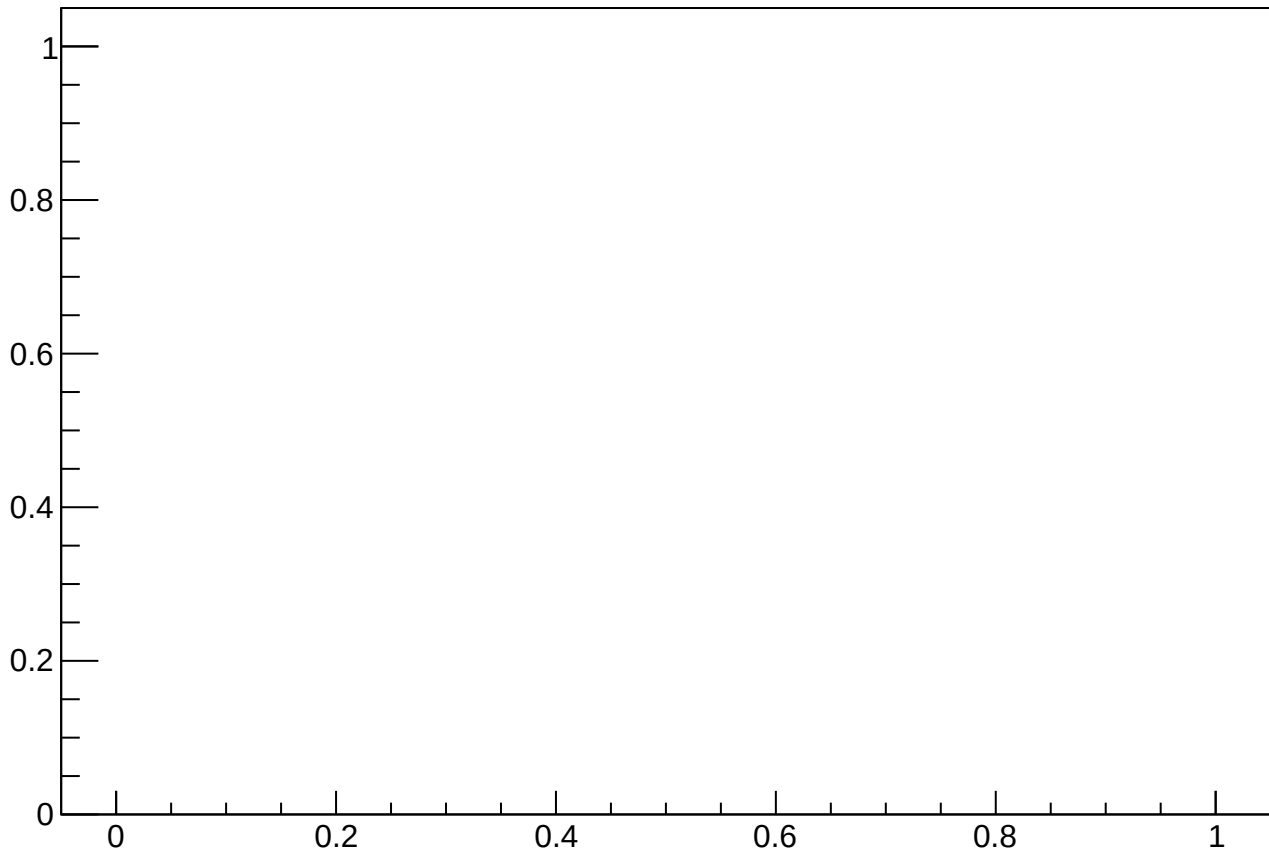
Left In: 7577.929 ± 0.582 χ^2/NDF : 492849.0/13

+ sign 6804.294 ± 0.546 χ^2/NDF : 6720734.0/30

All: 6610.717 ± 0.342 χ^2/NDF : 15630843.7/6

- sign 6485.727 ± 0.439 χ^2/NDF : 8703087.0/29

dit_scandata1_mean vs Slug



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

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

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

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

dit_scandata1_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

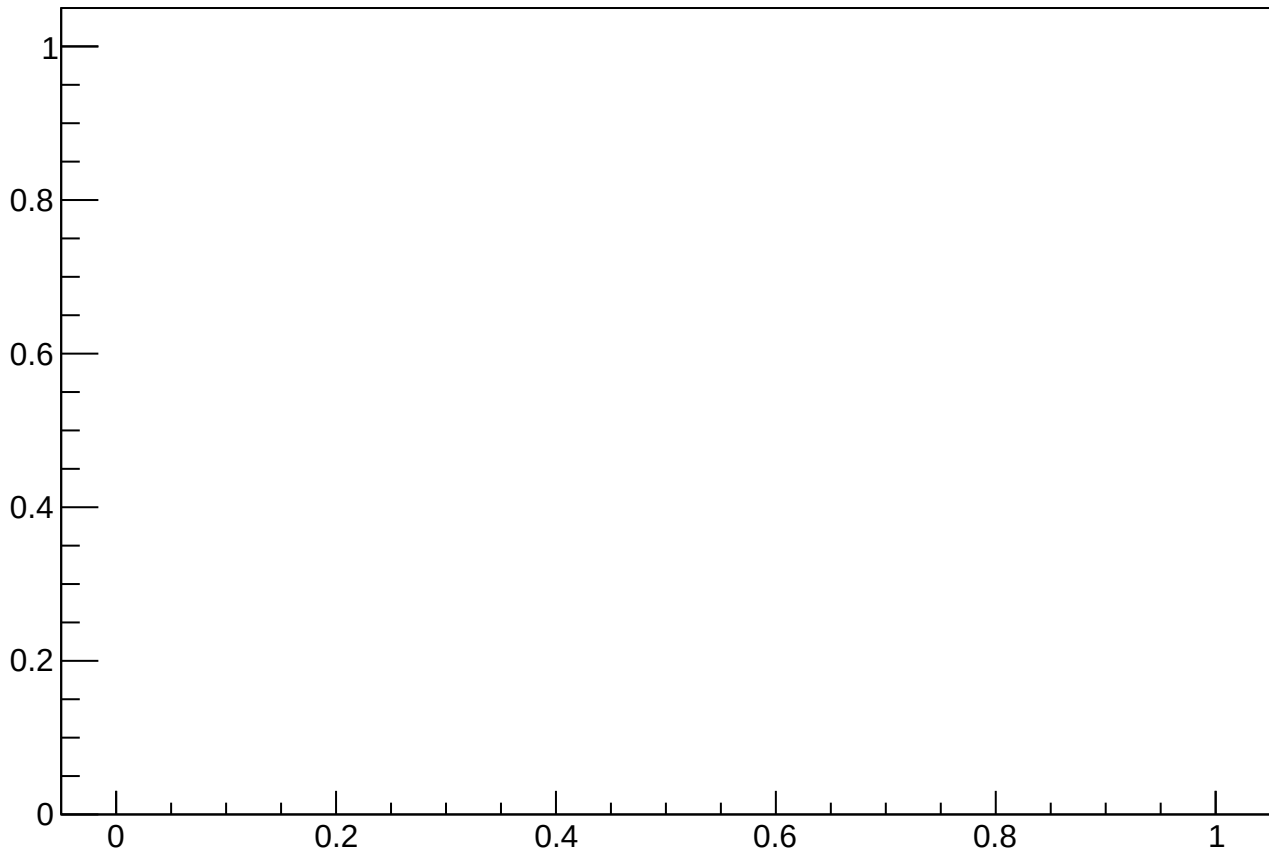
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

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

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

dit_scandata2_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

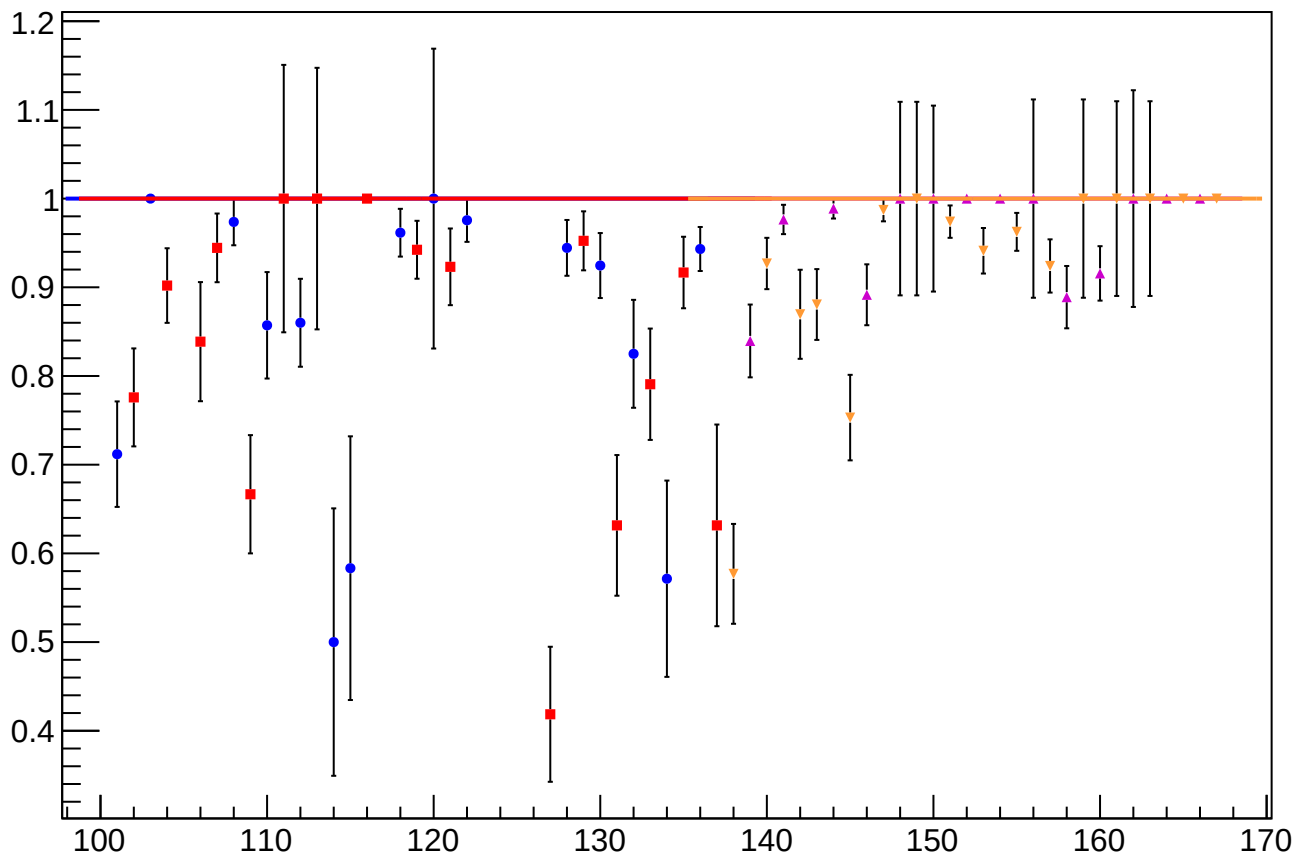
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 977.6/15

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

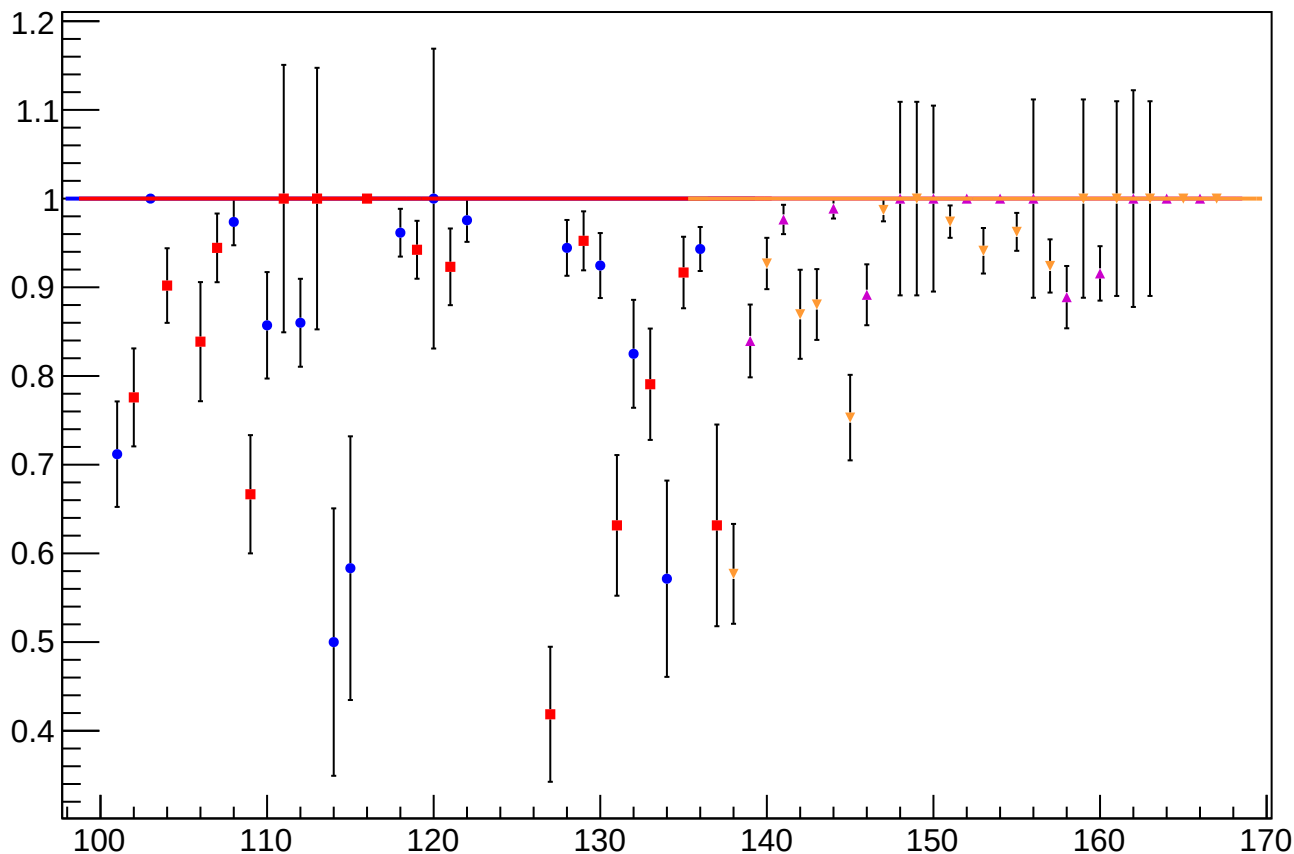
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF: 1081.3/13

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 416.4/30

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 3714.2/60

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 490.5/29

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 977.6/15

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

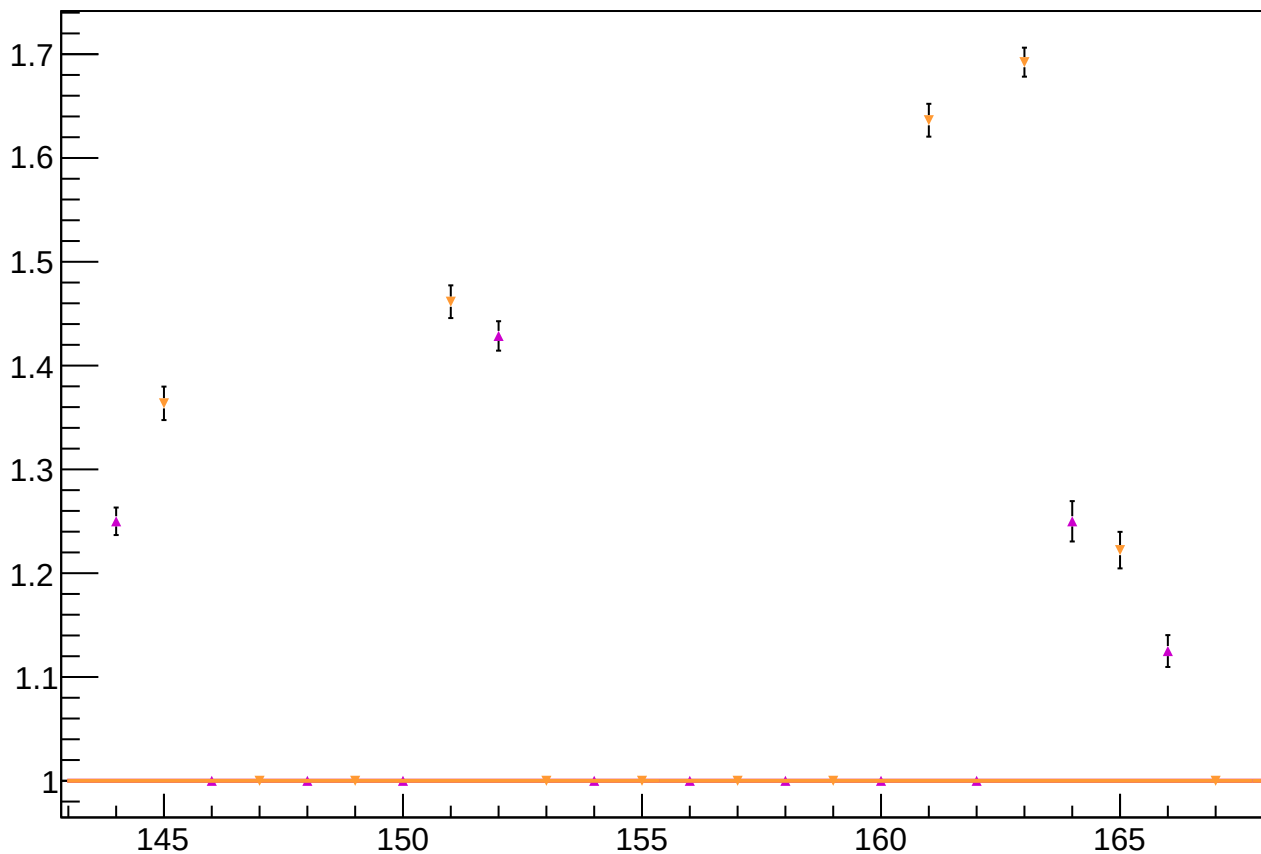
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF: 1081.3/13

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 416.4/30

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 3714.2/60

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 490.5/29

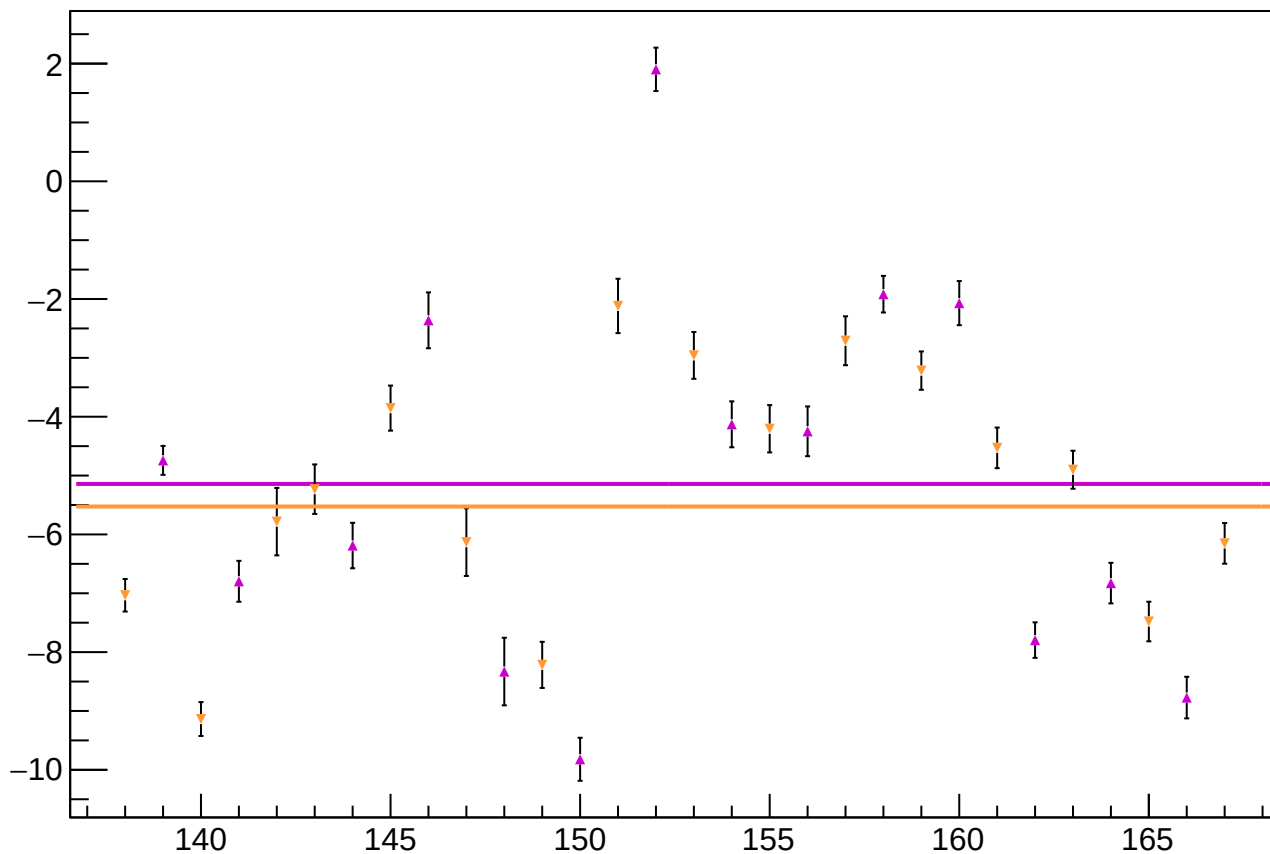
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF : 7039.0/11
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF : 2162.1/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.000+/-0.000 χ^2/NDF : 8569.4/23
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

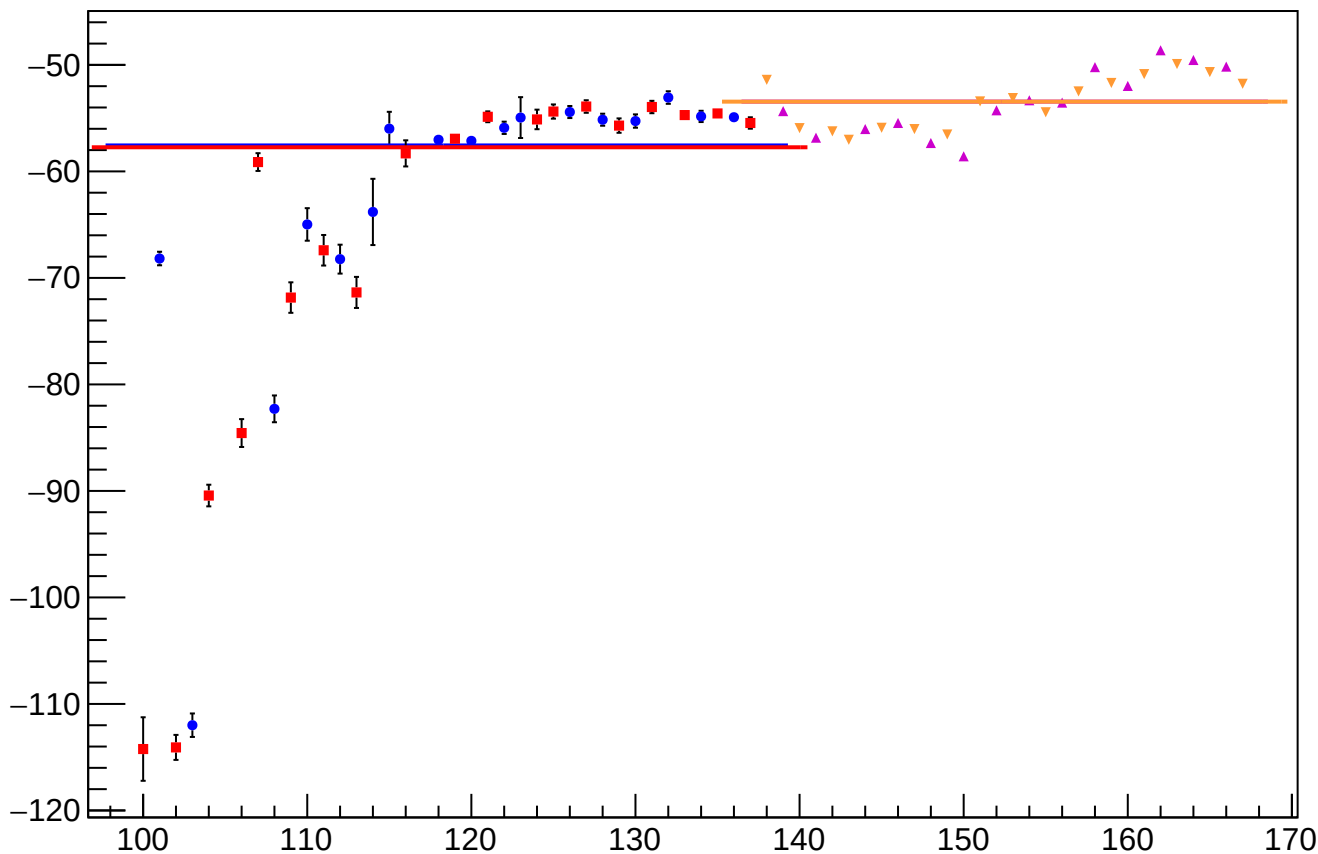
reg_asym_sam1_diff_bpm1X_slope vs Slug



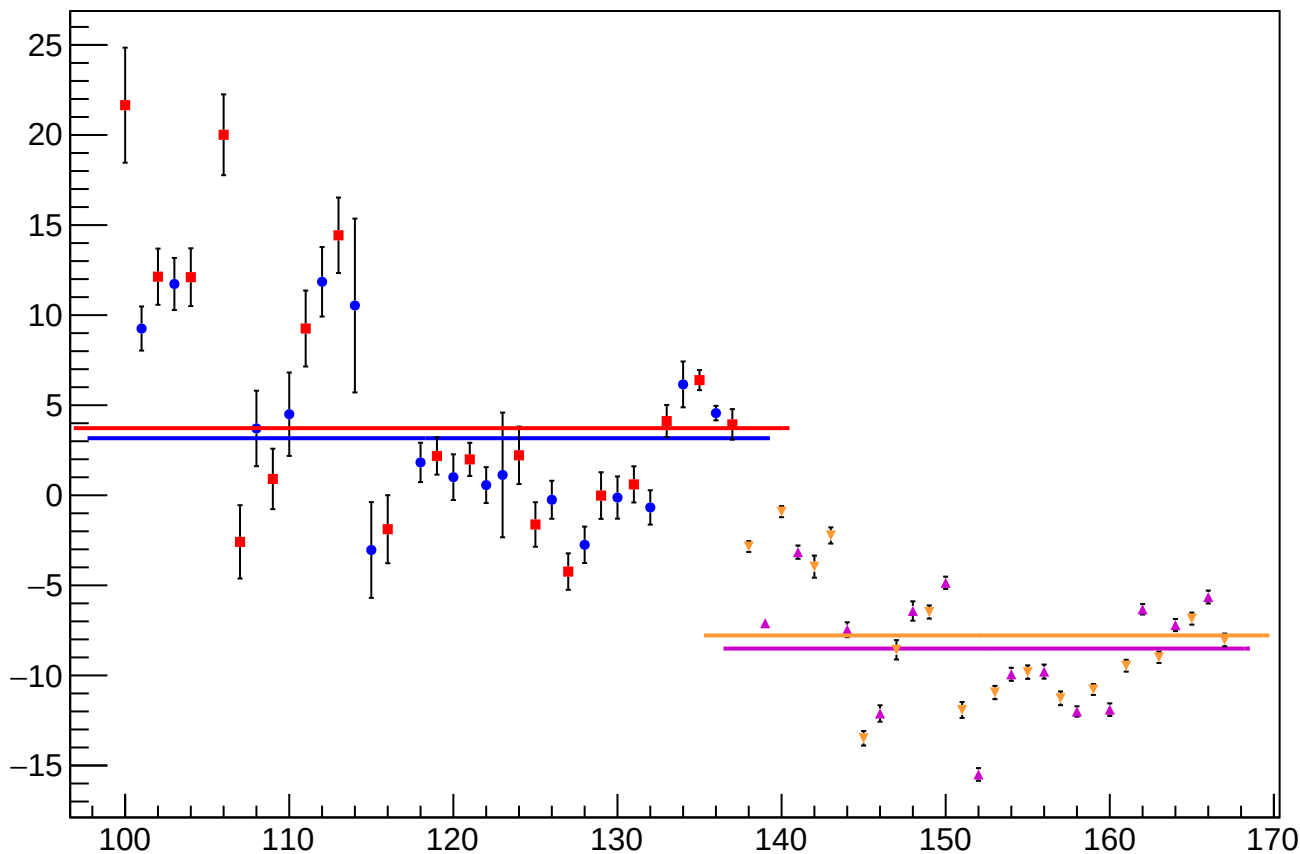
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: -5.526+/-0.092 χ^2/NDF : 507.0/15
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -5.142+/-0.095 χ^2/NDF : 1019.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -5.340+/-0.066 χ^2/NDF : 1535.3/29
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -7.781 ± 0.091 χ^2/NDF : 1599.1/15

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

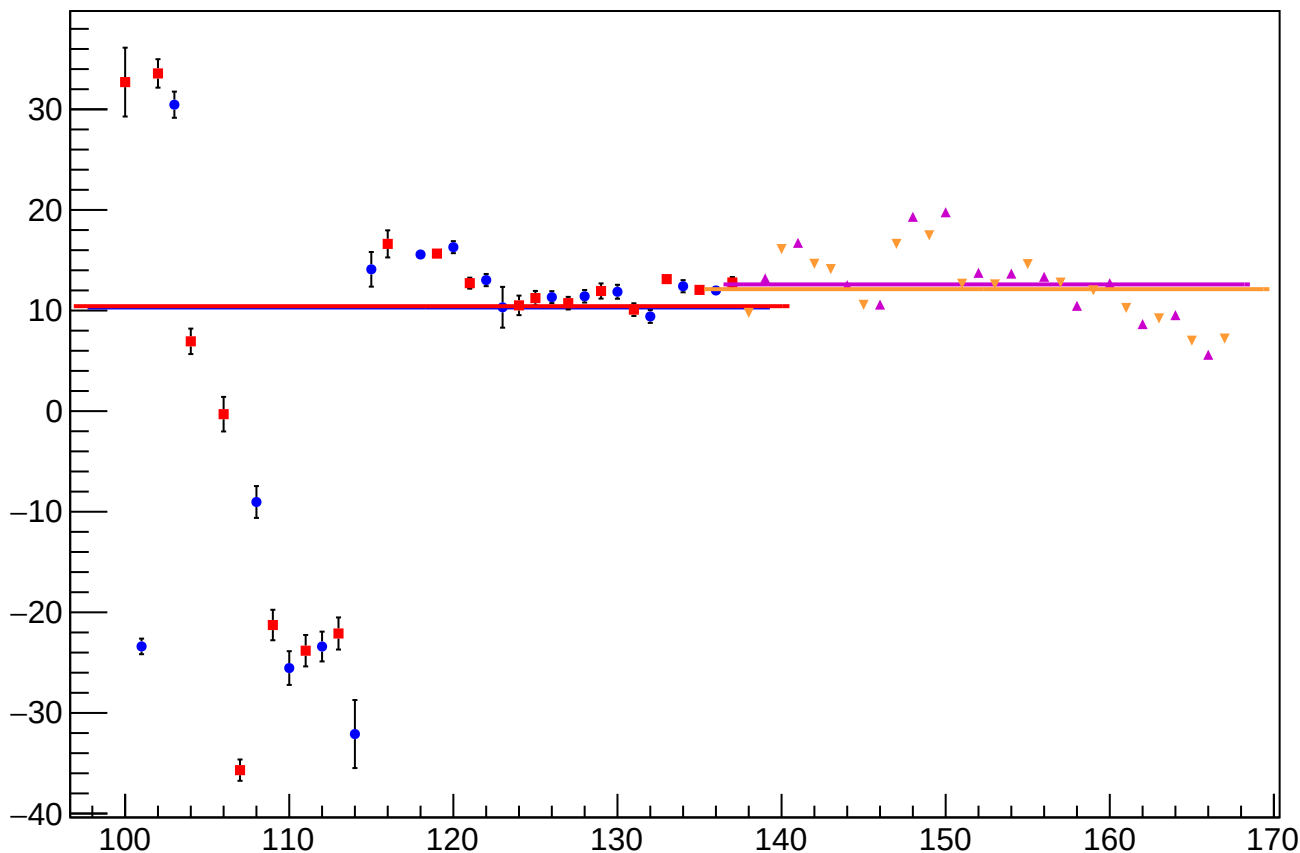
Left In: -8.509 ± 0.093 χ^2/NDF : 1232.1/13

+ sign -6.562 ± 0.086 χ^2/NDF : 3389.2/32

All: -6.864 ± 0.062 χ^2/NDF : 6840.3/65

- sign -7.180 ± 0.088 χ^2/NDF : 3425.9/32

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 ± 0.157 $\chi^2/\text{NDF}: 3712.3/16$

Left Out: 12.124 ± 0.079 $\chi^2/\text{NDF}: 1511.4/15$

Right Out: 10.433 ± 0.160 $\chi^2/\text{NDF}: 3828.5/18$

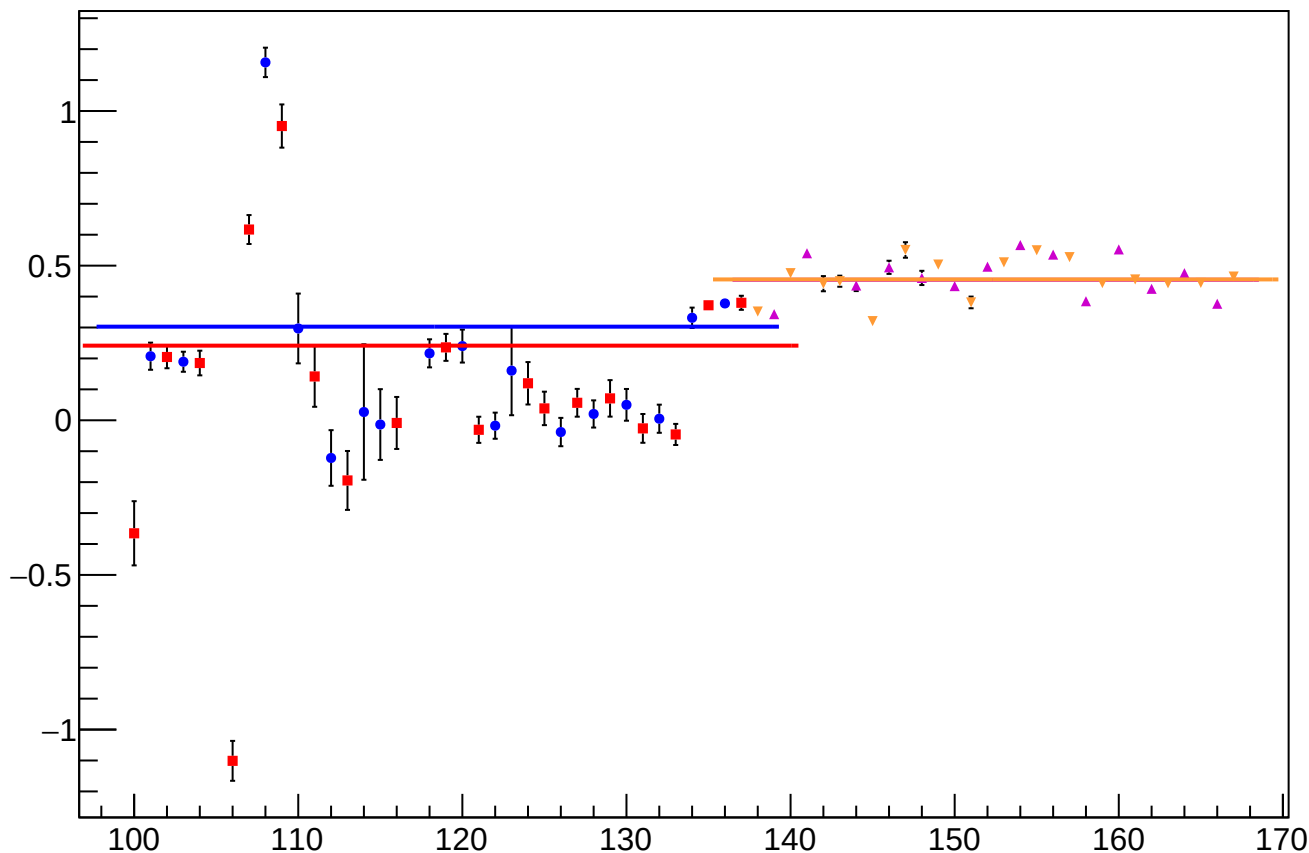
Left In: 12.596 ± 0.082 $\chi^2/\text{NDF}: 2007.0/13$

+ sign 11.760 ± 0.070 $\chi^2/\text{NDF}: 5331.3/32$

All: 11.944 ± 0.051 $\chi^2/\text{NDF}: 11326.0/65$

- sign 12.144 ± 0.073 $\chi^2/\text{NDF}: 5980.3/32$

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.455 ± 0.004 χ^2/NDF : 300.1/15

Right Out: 0.241 ± 0.008 χ^2/NDF : 986.7/18

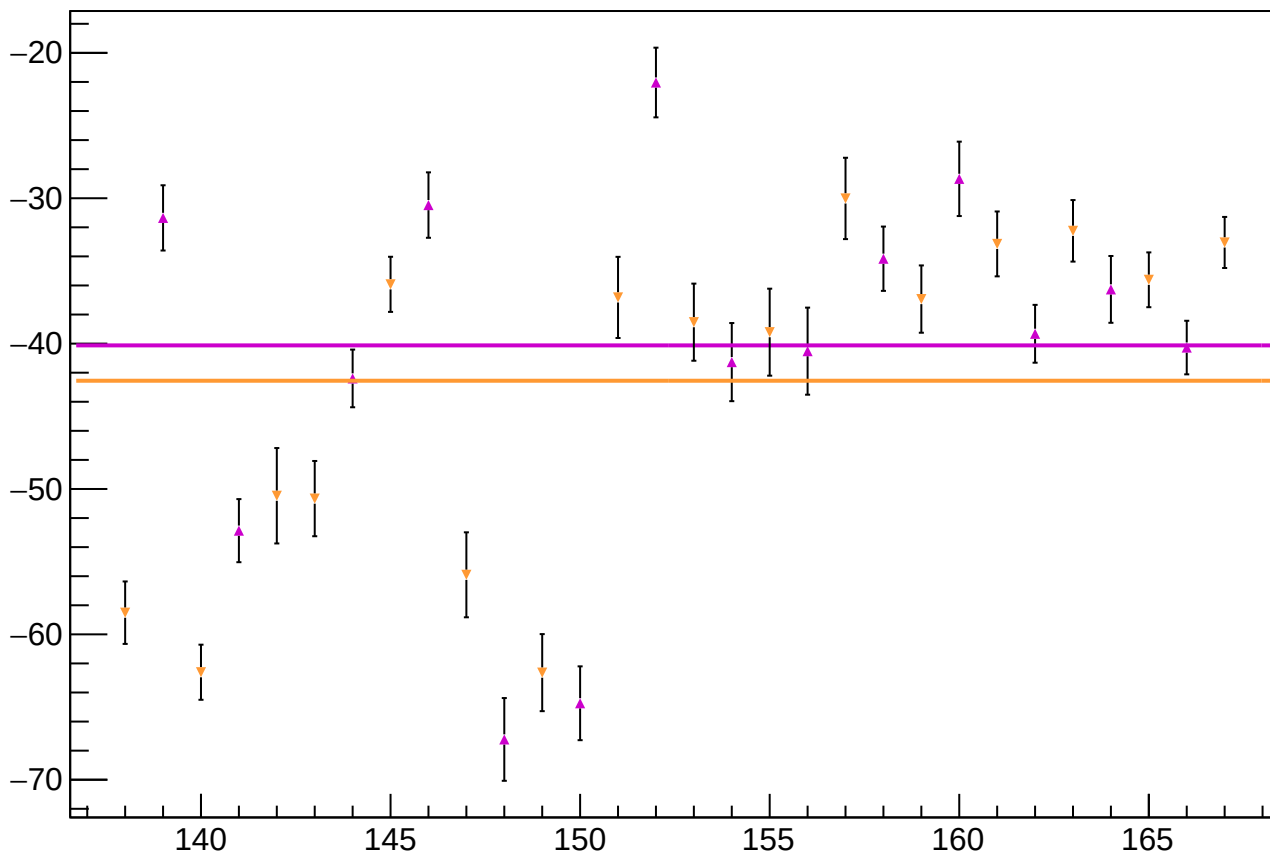
Left In: 0.454 ± 0.004 χ^2/NDF : 444.2/13

+ sign 0.431 ± 0.003 χ^2/NDF : 1239.5/32

All: 0.427 ± 0.002 χ^2/NDF : 3207.9/65

- sign 0.422 ± 0.003 χ^2/NDF : 1964.2/32

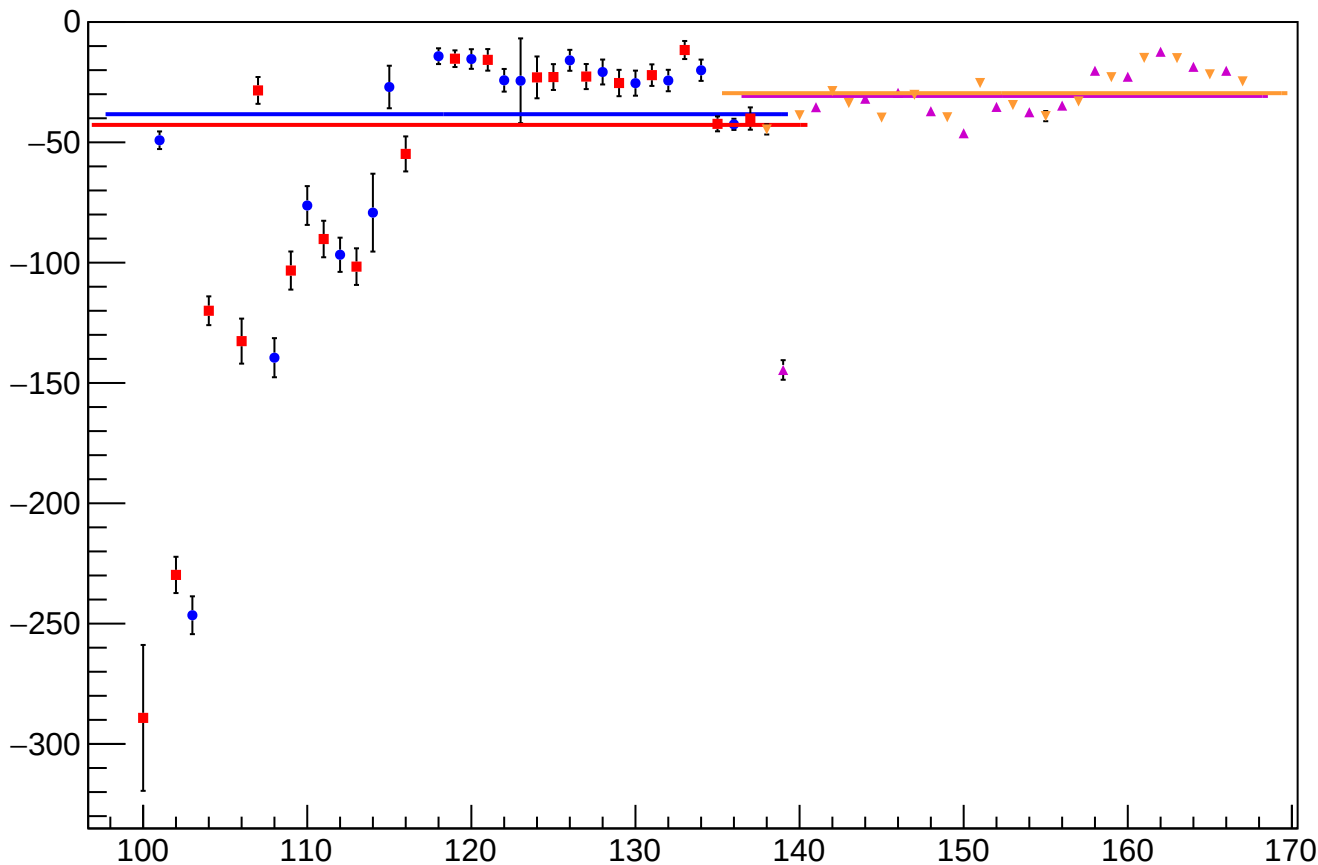
reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -42.554+/-0.577 χ^2/NDF : 391.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.122+/-0.613 χ^2/NDF : 341.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -41.411+/-0.420 χ^2/NDF : 741.3/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -29.570 ± 0.420 $\chi^2/\text{NDF}: 430.1/15$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

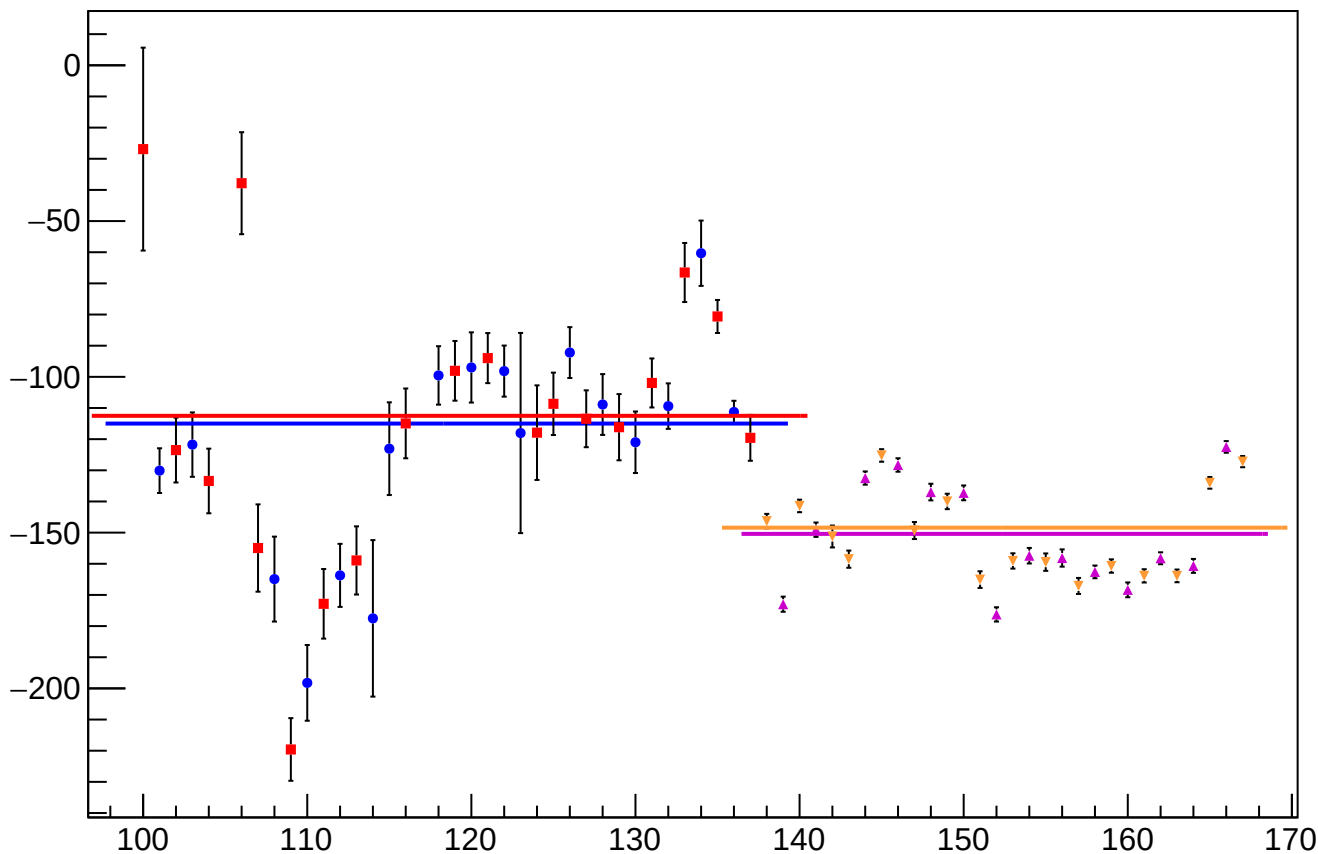
Left In: -30.717 ± 0.446 $\chi^2/\text{NDF}: 1202.9/13$

+ sign -30.621 ± 0.394 $\chi^2/\text{NDF}: 1614.7/32$

All: -31.343 ± 0.287 $\chi^2/\text{NDF}: 4253.4/65$

- sign -32.158 ± 0.419 $\chi^2/\text{NDF}: 2631.5/32$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -148.402 ± 0.574 $\chi^2/\text{NDF}: 637.7/15$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

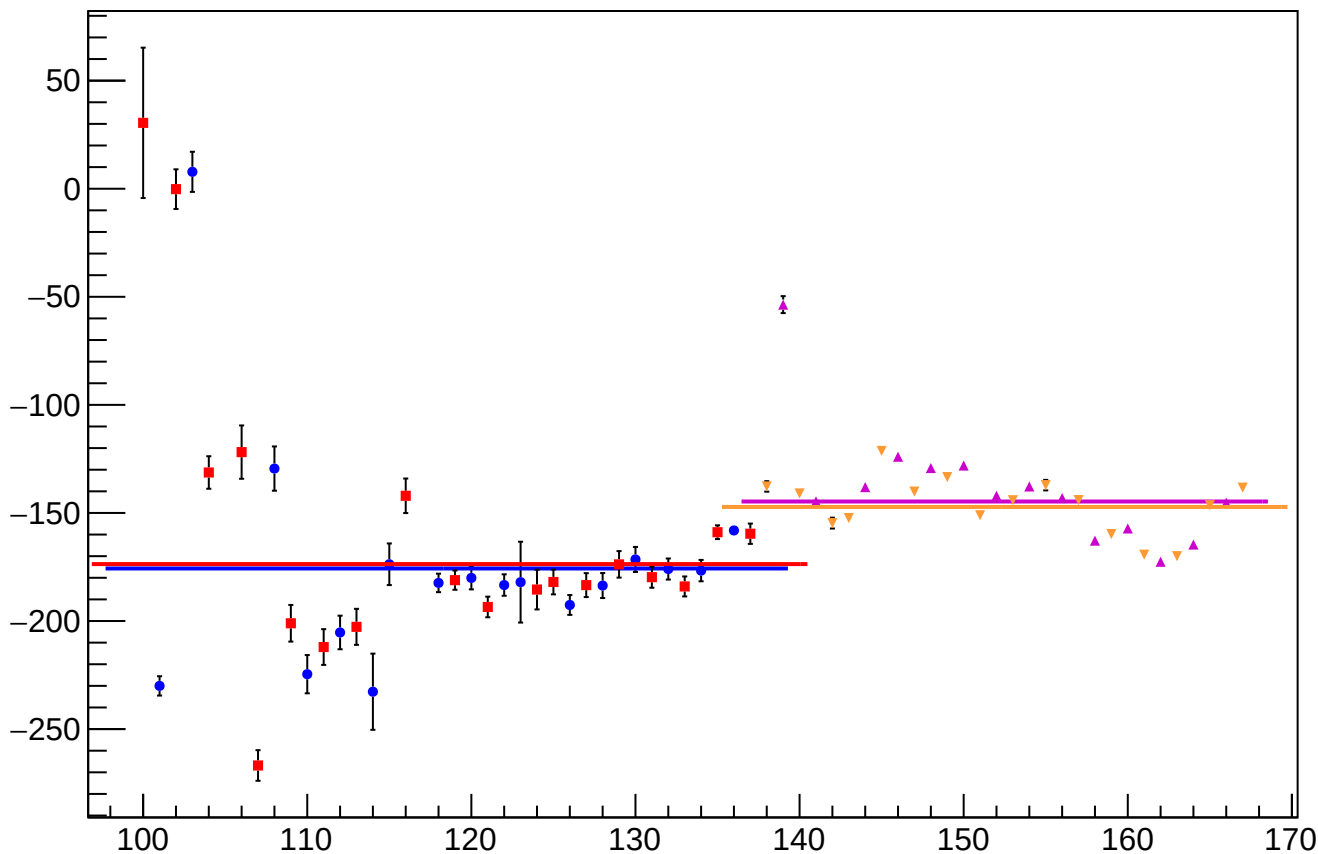
Left In: -150.406 ± 0.601 $\chi^2/\text{NDF}: 814.3/13$

+ sign -146.025 ± 0.553 $\chi^2/\text{NDF}: 1020.8/32$

All: -146.863 ± 0.400 $\chi^2/\text{NDF}: 2387.6/65$

- sign -147.786 ± 0.580 $\chi^2/\text{NDF}: 1362.0/32$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -147.229 ± 0.484 χ^2/NDF : 783.1/15

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

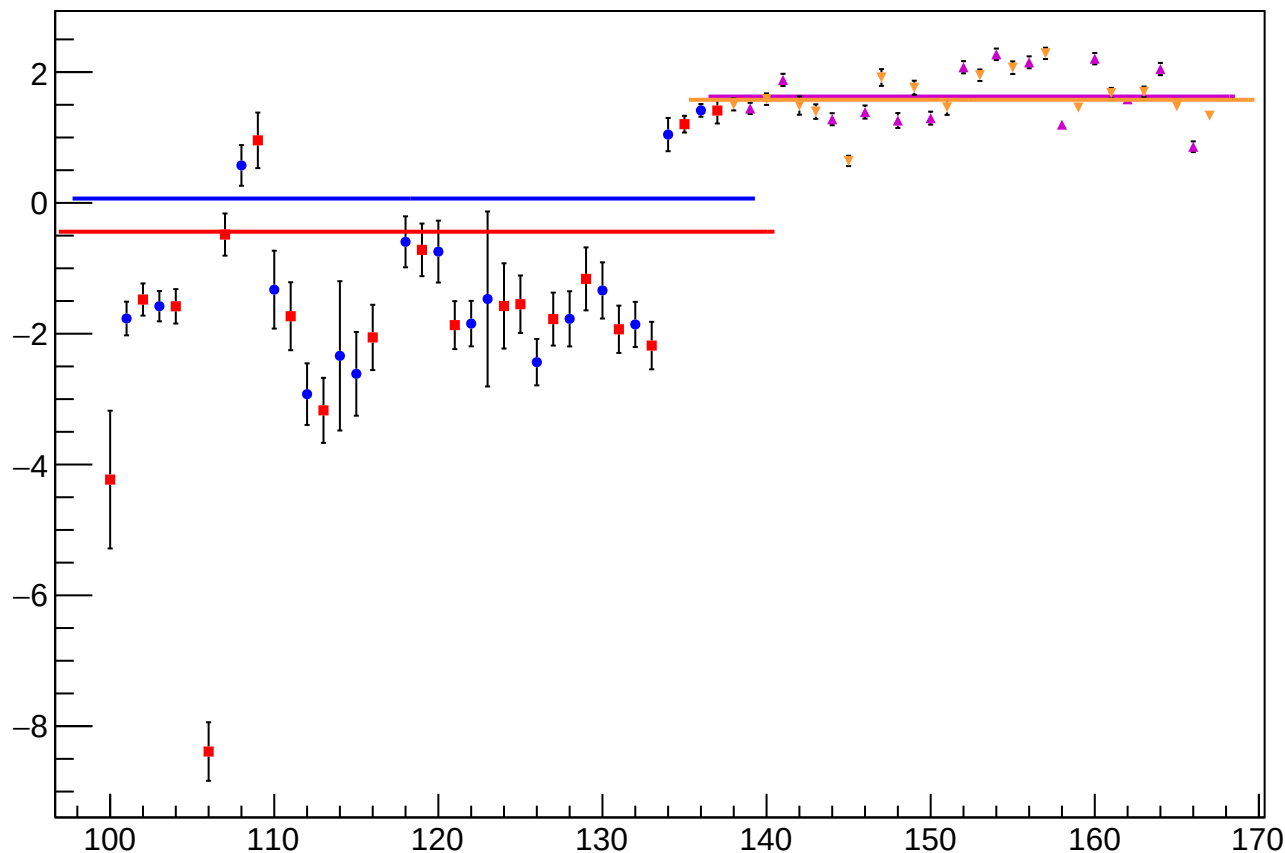
Left In: -144.710 ± 0.513 χ^2/NDF : 1396.5/13

+ sign -150.853 ± 0.452 χ^2/NDF : 1916.2/32

All: -149.672 ± 0.329 χ^2/NDF : 4463.8/65

- sign -148.341 ± 0.480 χ^2/NDF : 2533.1/32

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 $\chi^2/\text{NDF}: 526.1/16$

Left Out: 1.577 ± 0.023 $\chi^2/\text{NDF}: 284.1/15$

Right Out: -0.440 ± 0.071 $\chi^2/\text{NDF}: 754.9/18$

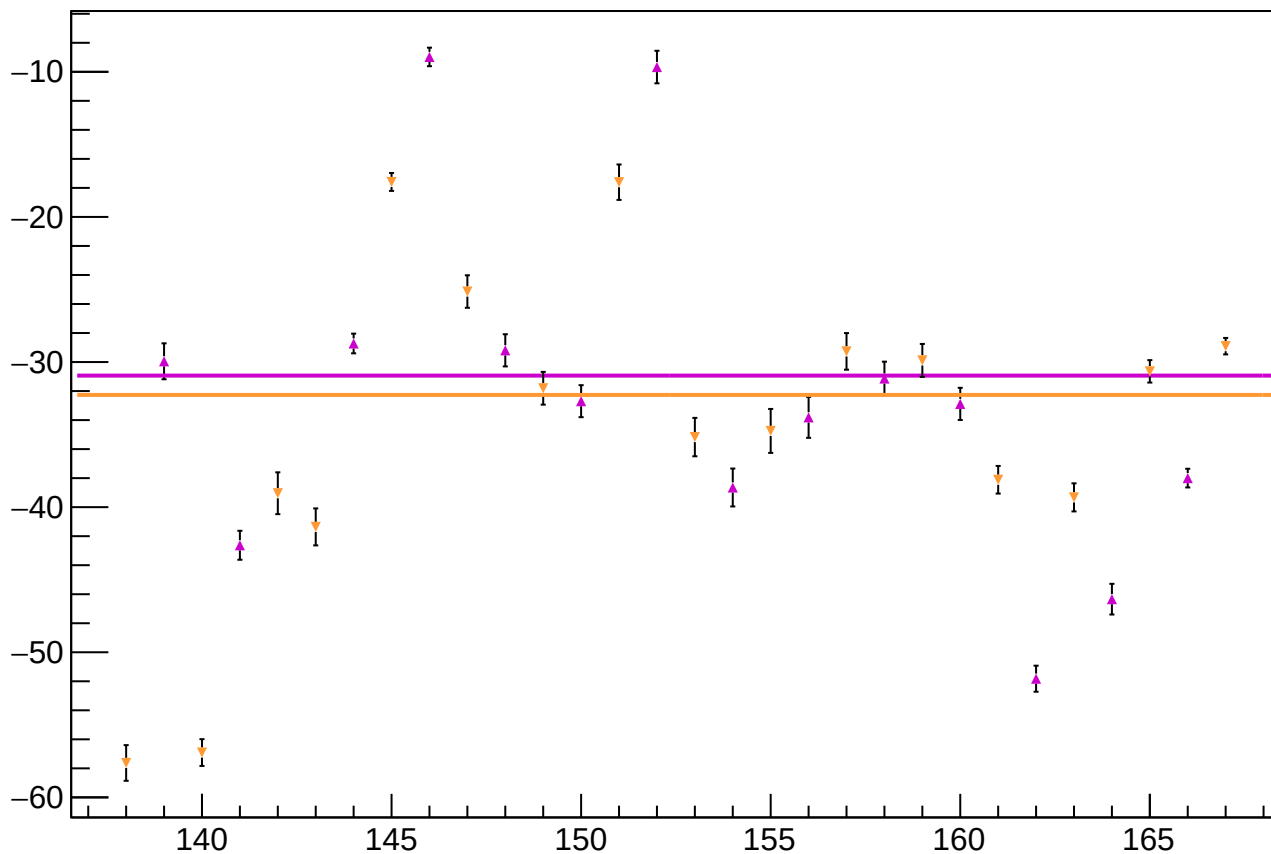
Left In: 1.626 ± 0.024 $\chi^2/\text{NDF}: 349.9/13$

+ sign 1.423 ± 0.021 $\chi^2/\text{NDF}: 1266.6/32$

All: 1.420 ± 0.016 $\chi^2/\text{NDF}: 3130.9/65$

- sign 1.418 ± 0.023 $\chi^2/\text{NDF}: 1864.2/32$

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.266+/-0.241 χ^2/NDF : 2110.5/15

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

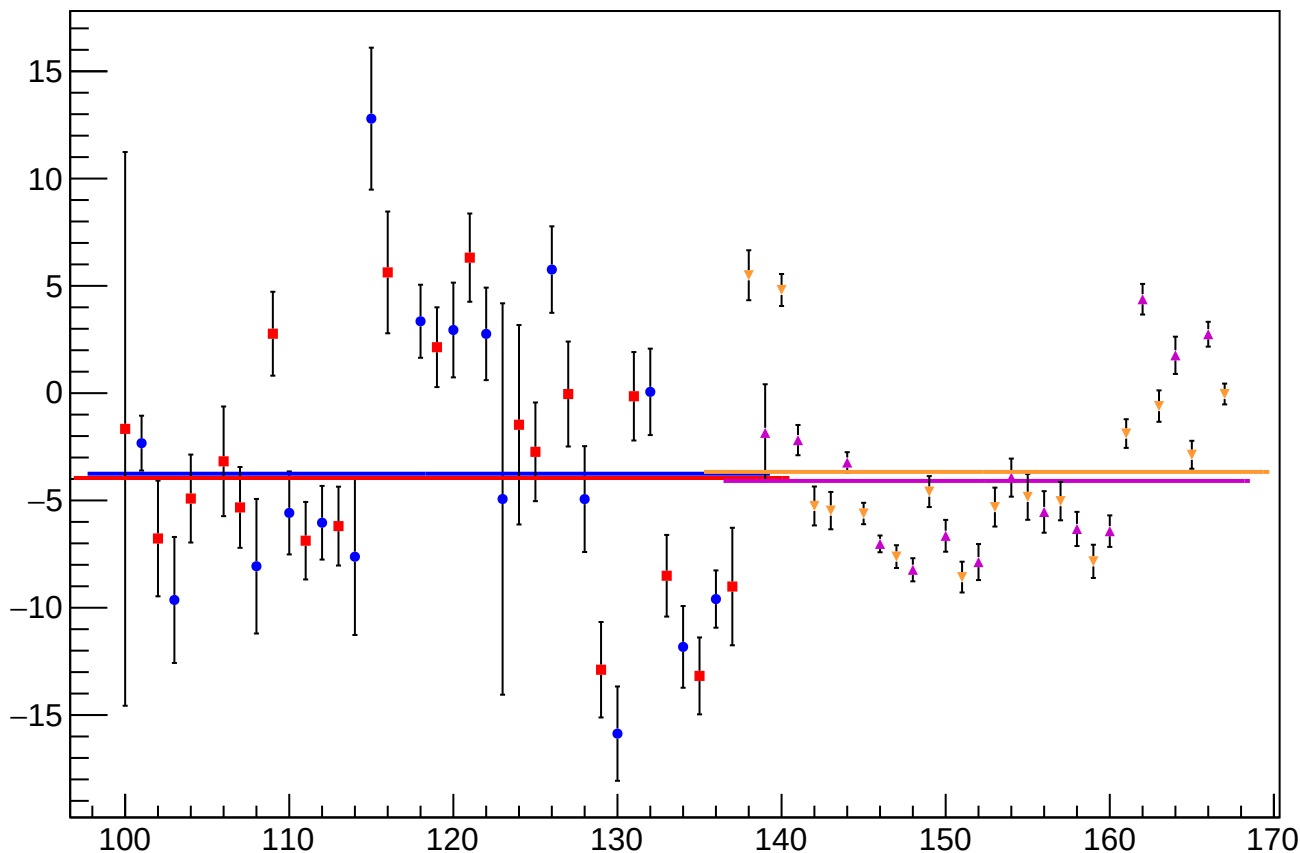
Left In: -30.934+/-0.251 χ^2/NDF : 2612.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.625+/-0.174 χ^2/NDF : 4737.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -3.670 ± 0.176 $\chi^2/\text{NDF}: 435.5/15$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

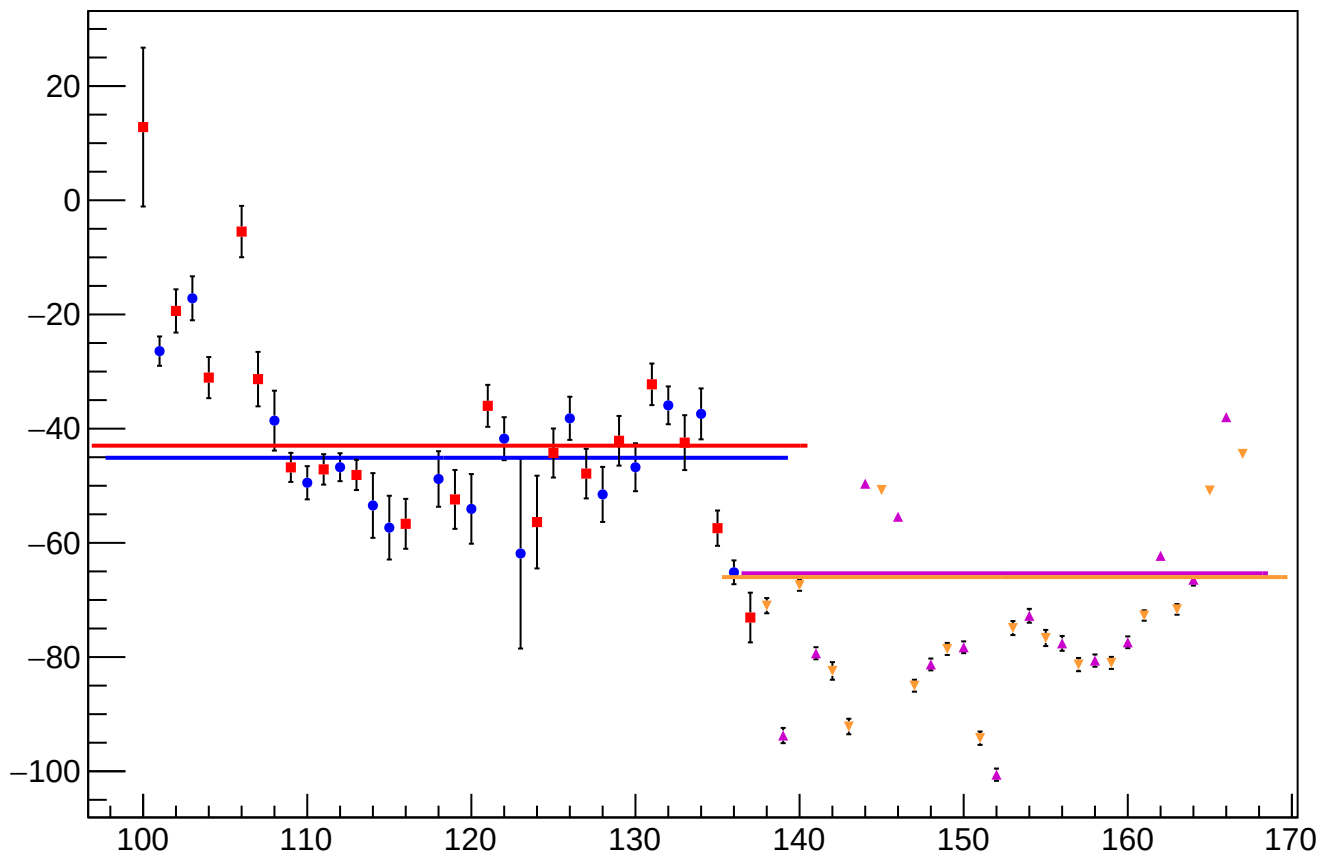
Left In: -4.091 ± 0.177 $\chi^2/\text{NDF}: 505.0/13$

+ sign -3.680 ± 0.166 $\chi^2/\text{NDF}: 600.8/32$

All: -3.876 ± 0.118 $\chi^2/\text{NDF}: 1232.0/65$

- sign -4.076 ± 0.167 $\chi^2/\text{NDF}: 628.4/32$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -65.998 ± 0.241 χ^2/NDF : 4448.4/15

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

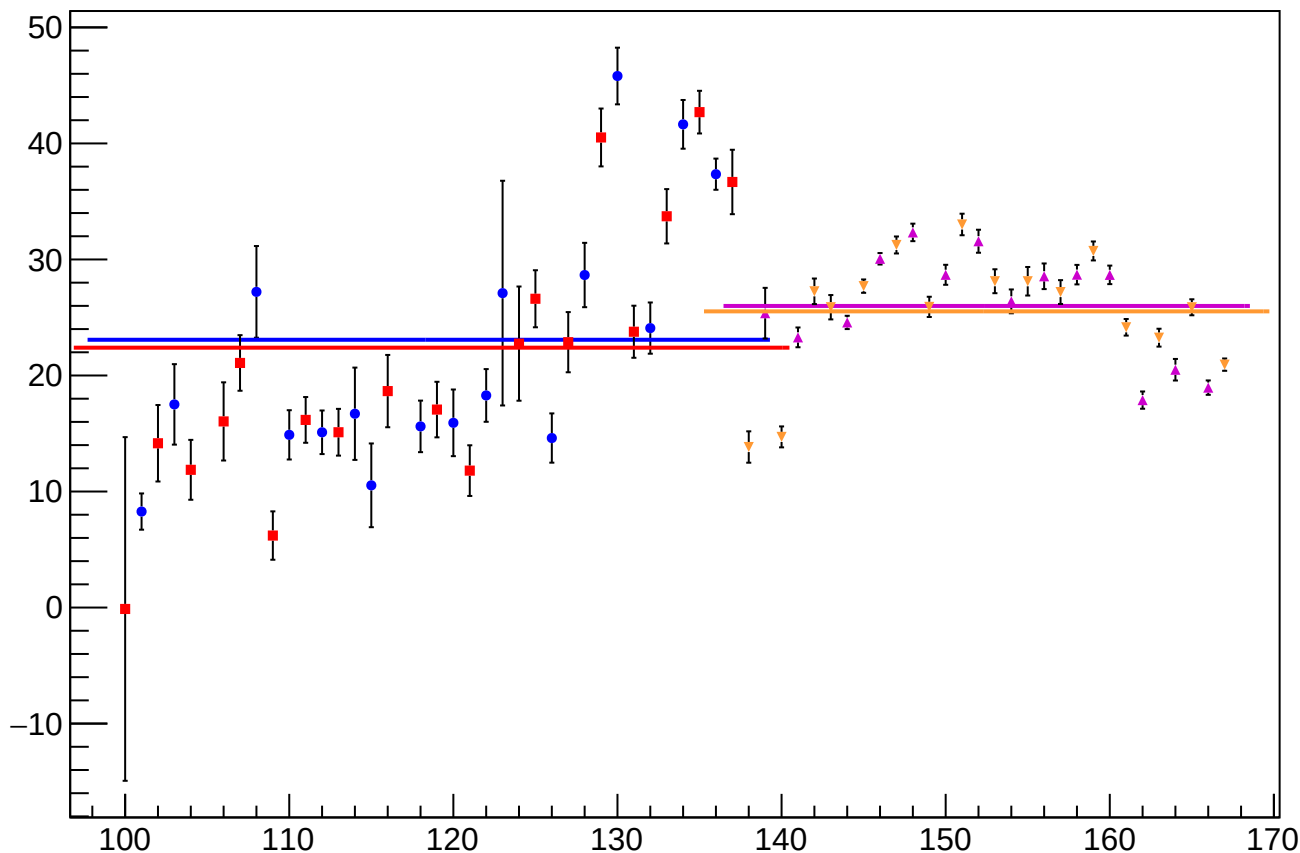
Left In: -65.329 ± 0.247 χ^2/NDF : 5049.2/13

+ sign -64.546 ± 0.232 χ^2/NDF : 5202.0/32

All: -64.128 ± 0.166 χ^2/NDF : 11108.0/65

- sign -63.689 ± 0.238 χ^2/NDF : 5899.4/32

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 25.526 $\pm$ 0.203 χ^2 /NDF: 503.1/15

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

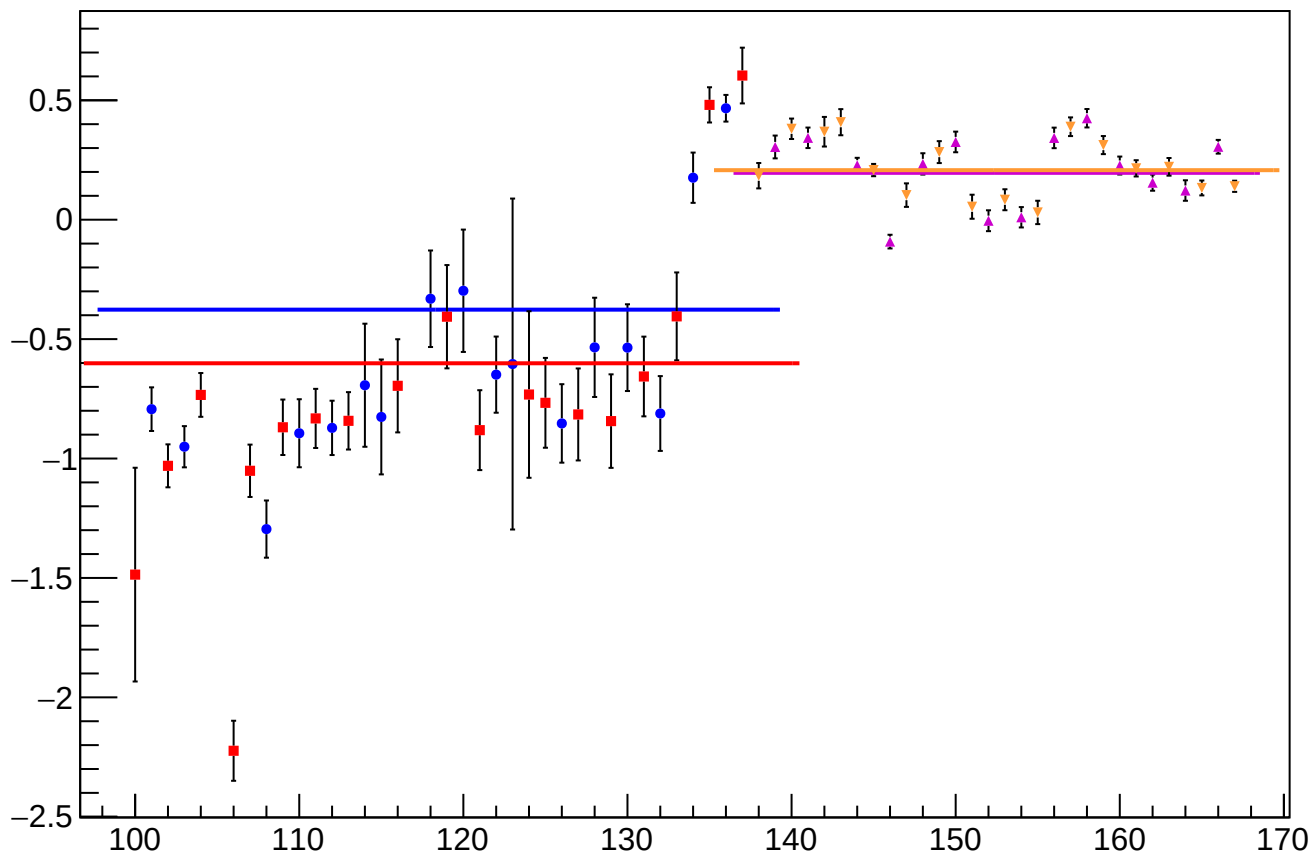
Left In: 25.994 $\pm$ 0.208 χ^2 /NDF: 505.5/13

+ sign 25.238 $\pm$ 0.191 χ^2 /NDF: 981.3/32

All: 25.402 $\pm$ 0.137 χ^2 /NDF: 1893.6/65

- sign 25.575 $\pm$ 0.195 χ^2 /NDF: 910.7/32

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.207 ± 0.010 χ^2/NDF : 117.8/15

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

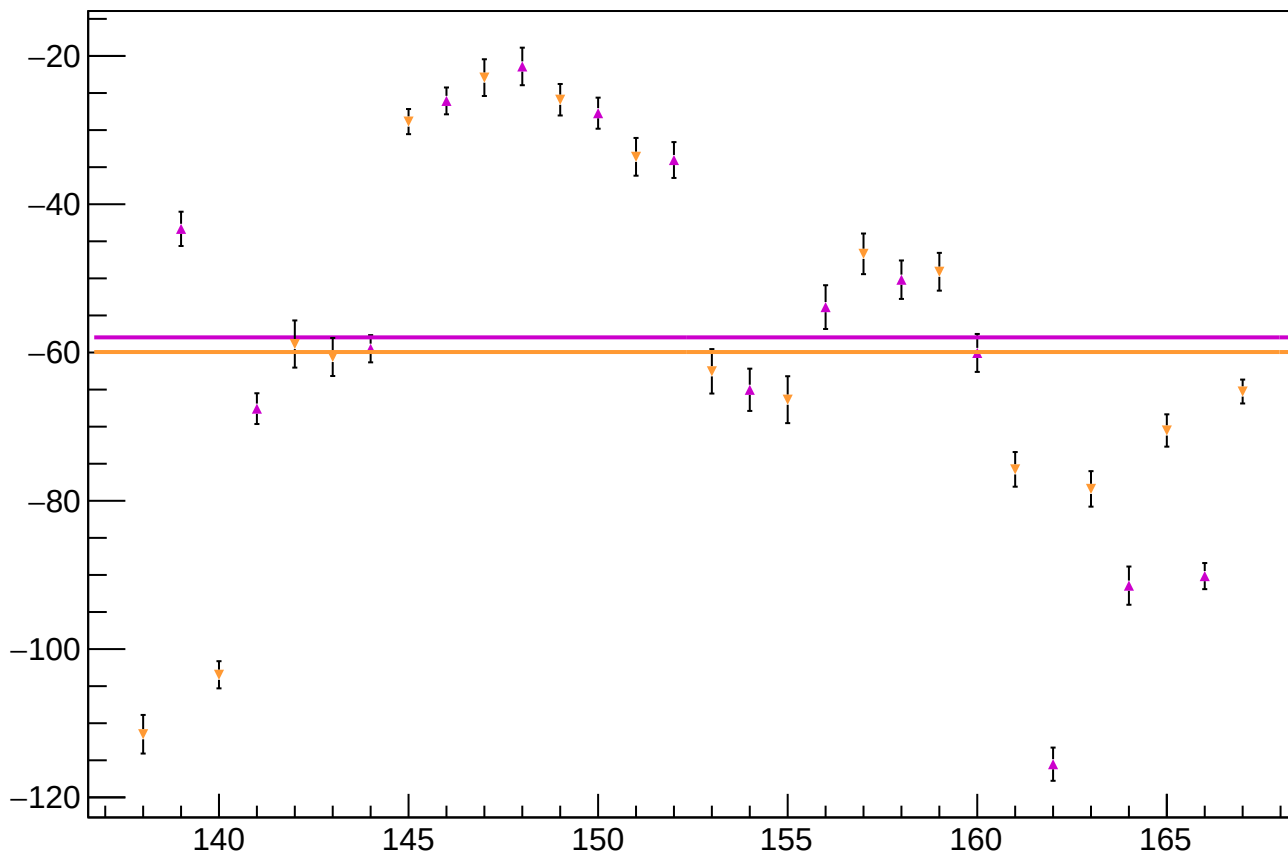
Left In: 0.196 ± 0.010 χ^2/NDF : 234.7/13

+ sign 0.154 ± 0.009 χ^2/NDF : 897.8/32

All: 0.136 ± 0.007 χ^2/NDF : 2324.9/65

- sign 0.116 ± 0.010 χ^2/NDF : 1418.9/32

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -59.934+/-0.574 χ^2/NDF : 2065.2/15

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

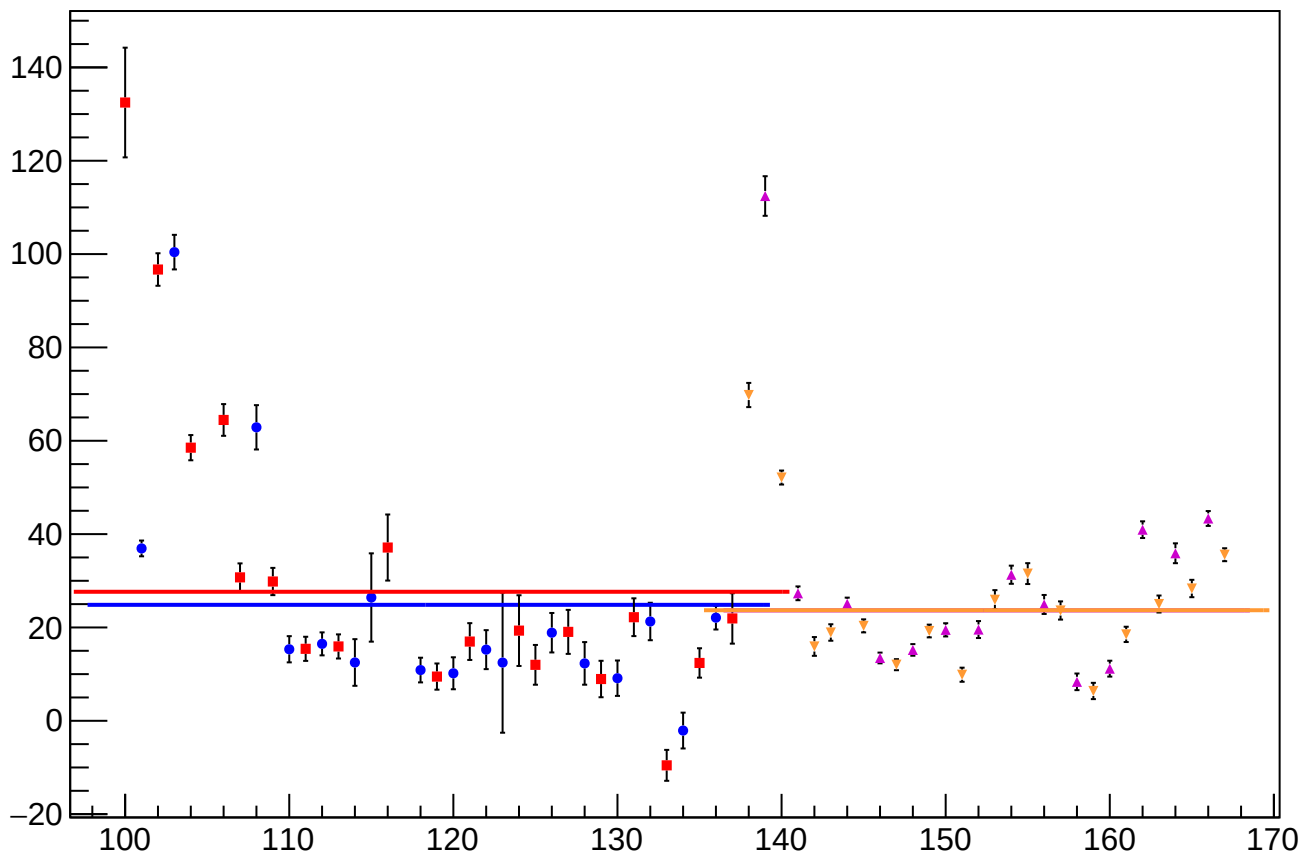
Left In: -57.957+/-0.599 χ^2/NDF : 2068.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.987+/-0.414 χ^2/NDF : 4139.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 23.691 $\pm$ 0.413 χ^2 /NDF:1097.4/15

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

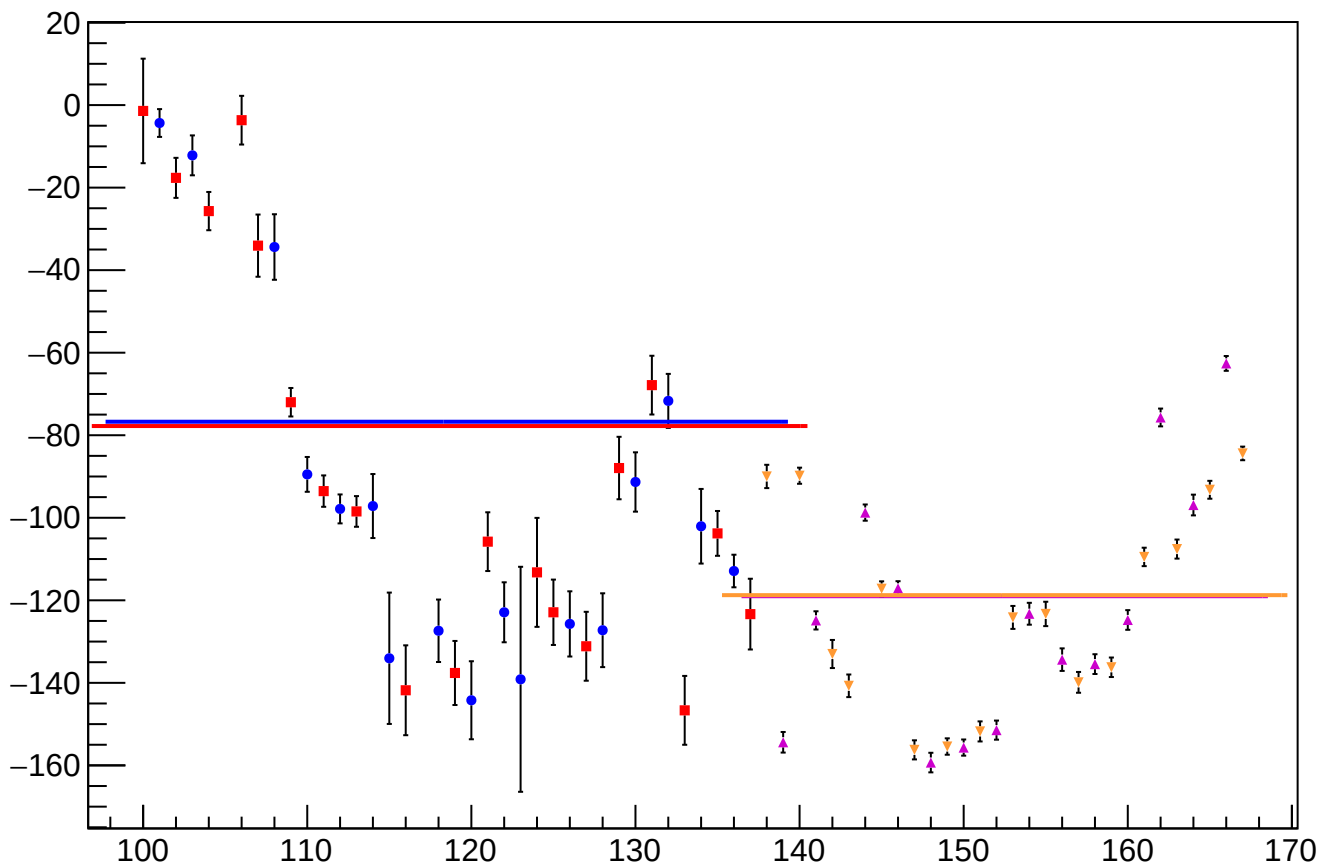
Left In: 23.653 $\pm$ 0.431 χ^2 /NDF:1006.5/13

+ sign 23.934 $\pm$ 0.367 χ^2 /NDF: 1789.9/32

All: 24.223 $\pm$ 0.264 χ^2 /NDF: 3825.8/65

- sign 24.533 $\pm$ 0.380 χ^2 /NDF: 2034.7/32

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -118.750 ± 0.570 χ^2/NDF : 1938.5/15

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

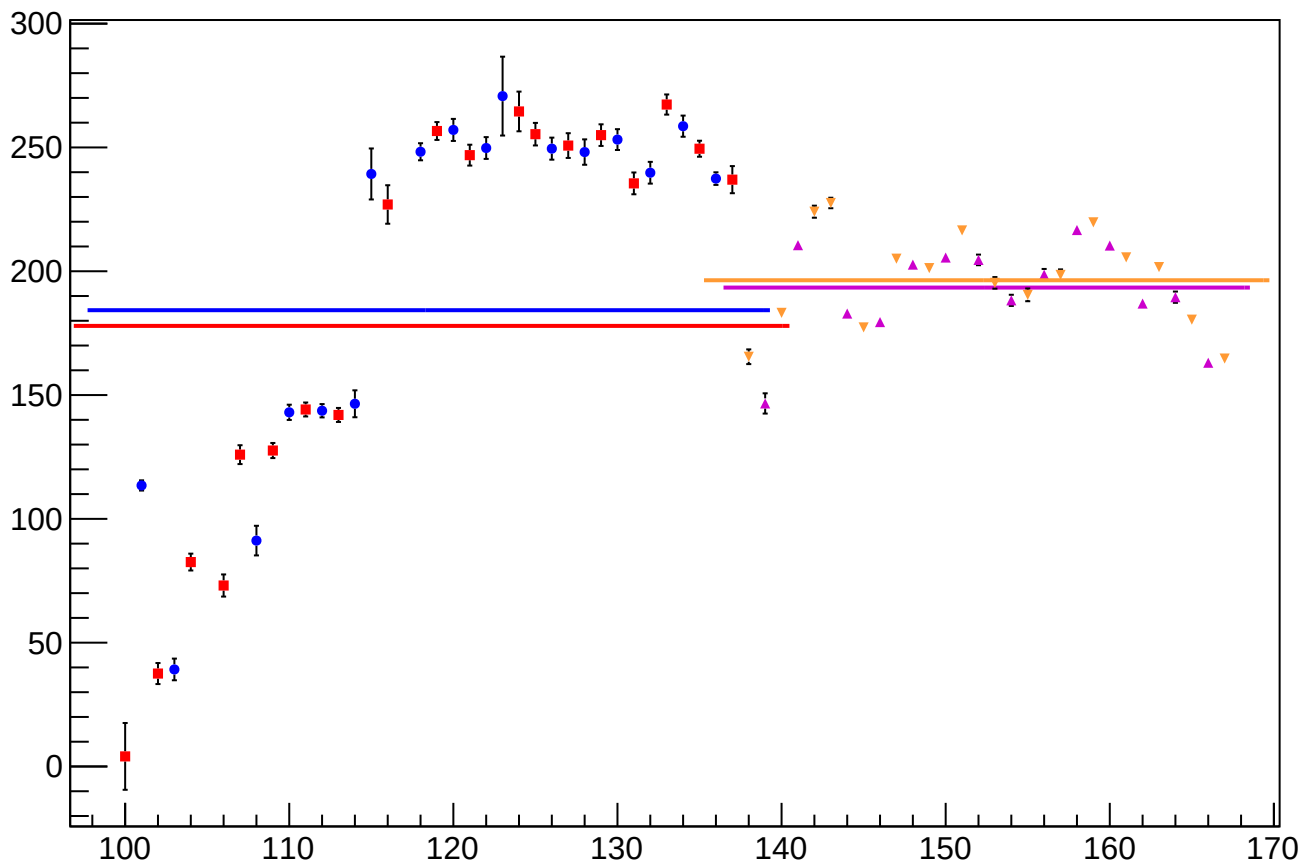
Left In: -119.008 ± 0.588 χ^2/NDF : 2707.1/13

+ sign -112.863 ± 0.529 χ^2/NDF : 3741.9/32

All: -112.660 ± 0.378 χ^2/NDF : 8103.0/65

- sign -112.448 ± 0.539 χ^2/NDF : 4360.8/32

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 ± 0.914 χ^2/NDF : 5401.0/16

Left Out: 196.361 ± 0.480 χ^2/NDF : 1500.2/15

Right Out: 177.930 ± 0.924 χ^2/NDF : 6330.9/18

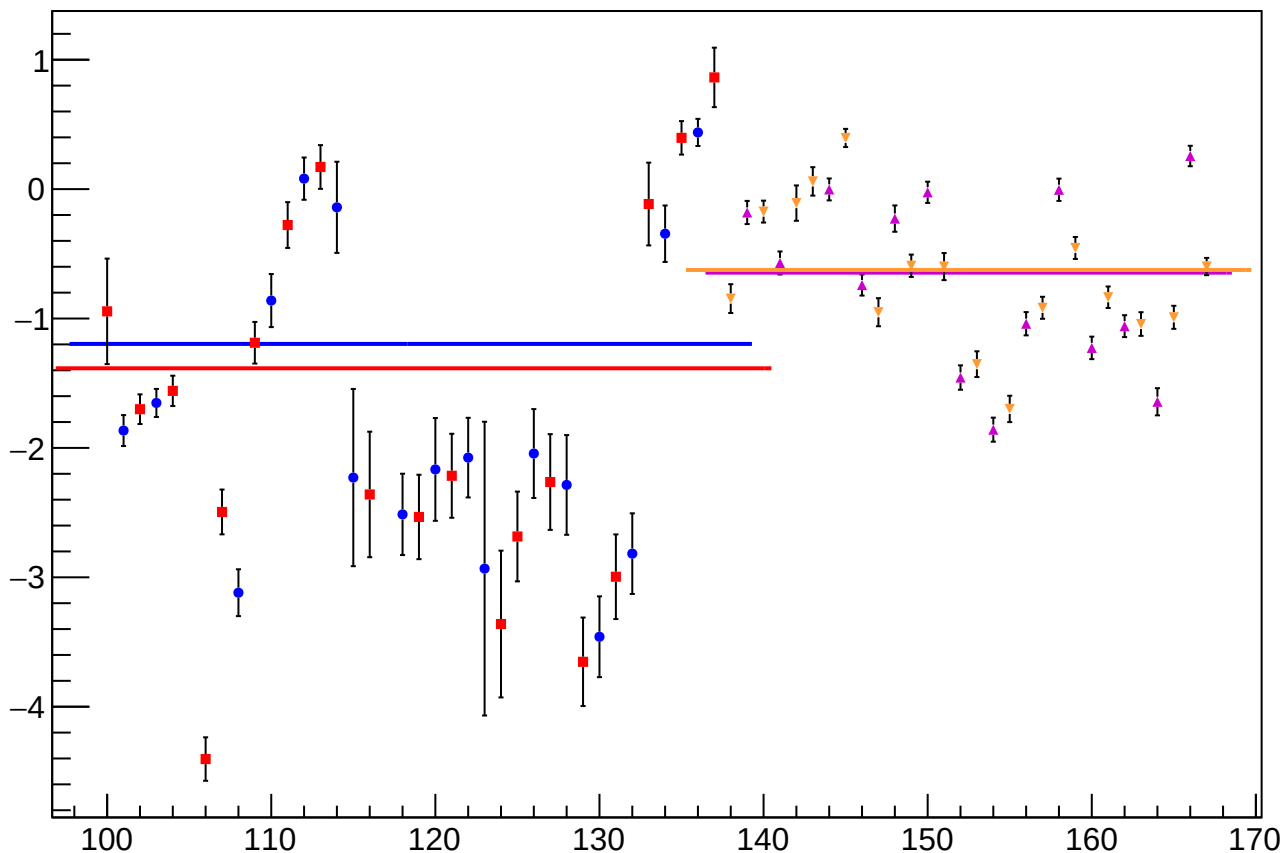
Left In: 193.406 ± 0.501 χ^2/NDF : 1053.0/13

+ sign 193.745 ± 0.425 χ^2/NDF : 7038.4/32

All: 191.886 ± 0.306 χ^2/NDF : 14678.8/65

- sign 189.891 ± 0.440 χ^2/NDF : 7600.8/32

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.625 ± 0.023 χ^2/NDF : 529.8/15

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

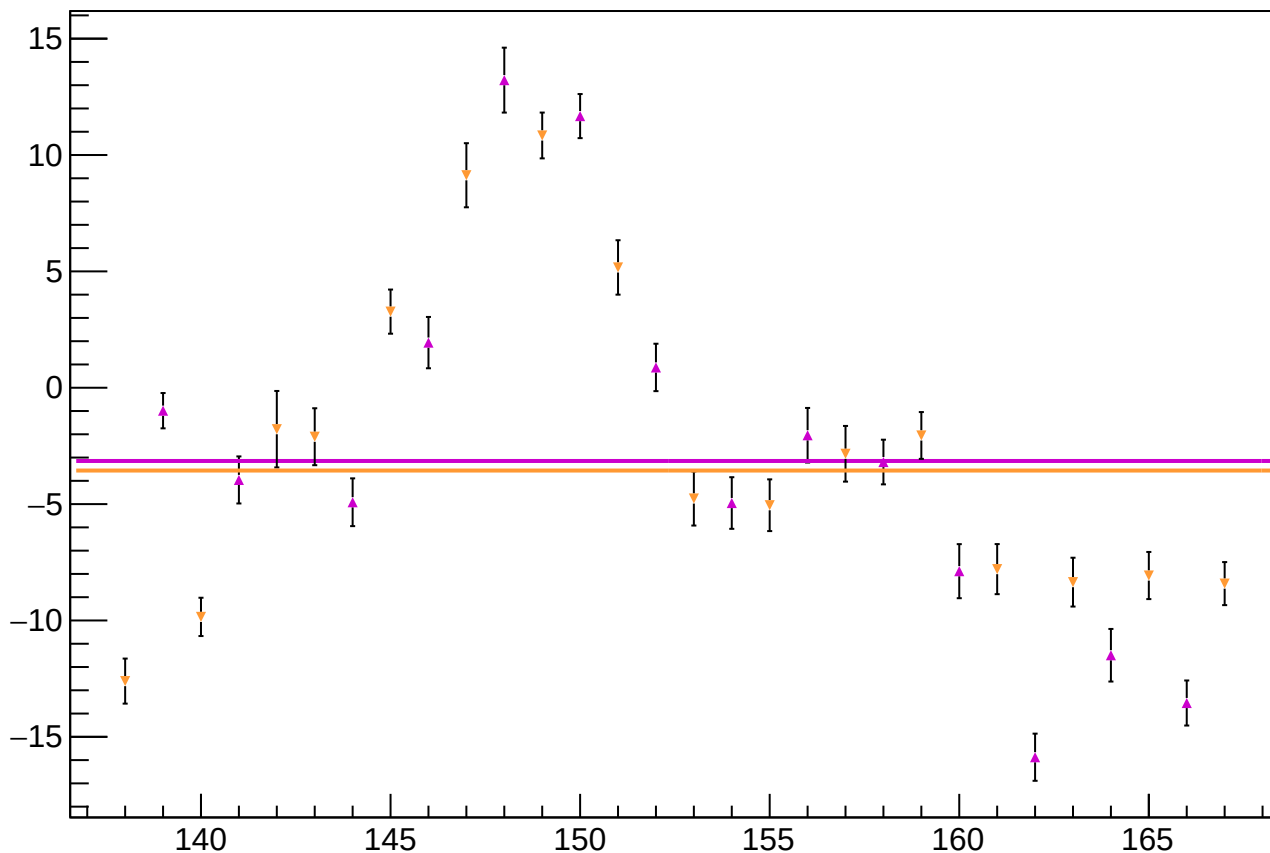
Left In: -0.645 ± 0.024 χ^2/NDF : 769.5/13

+ sign -0.728 ± 0.020 χ^2/NDF : 1268.7/32

All: -0.763 ± 0.015 χ^2/NDF : 3174.8/65

- sign -0.801 ± 0.021 χ^2/NDF : 1900.0/32

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -3.558 $\pm$ 0.266 χ^2 /NDF: 644.1/15

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

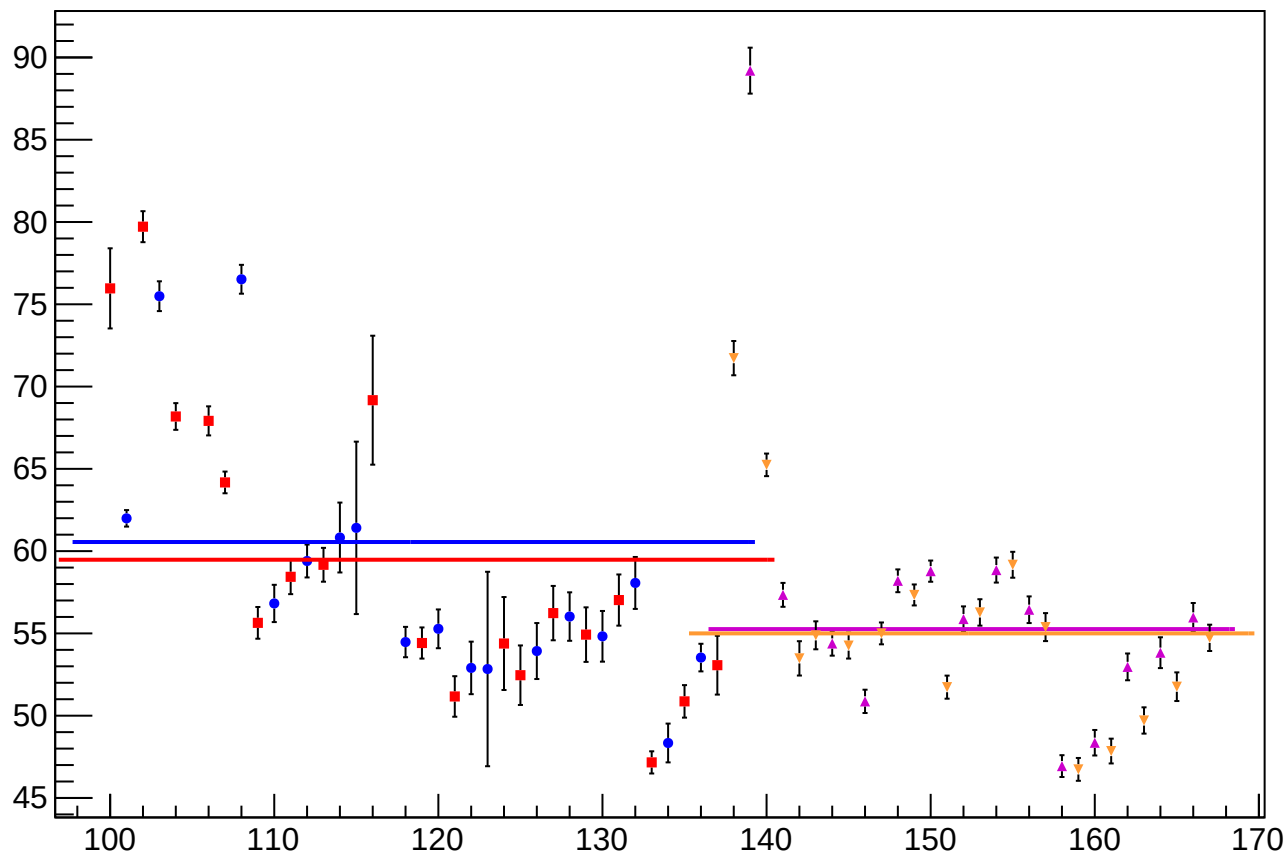
Left In: -3.147 $\pm$ 0.275 χ^2 /NDF: 779.0/13

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

All: -3.359 $\pm$ 0.191 χ^2 /NDF: 1424.3/29

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

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 55.001 $\pm$ 0.194 χ^2 /NDF: 839.4/15

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

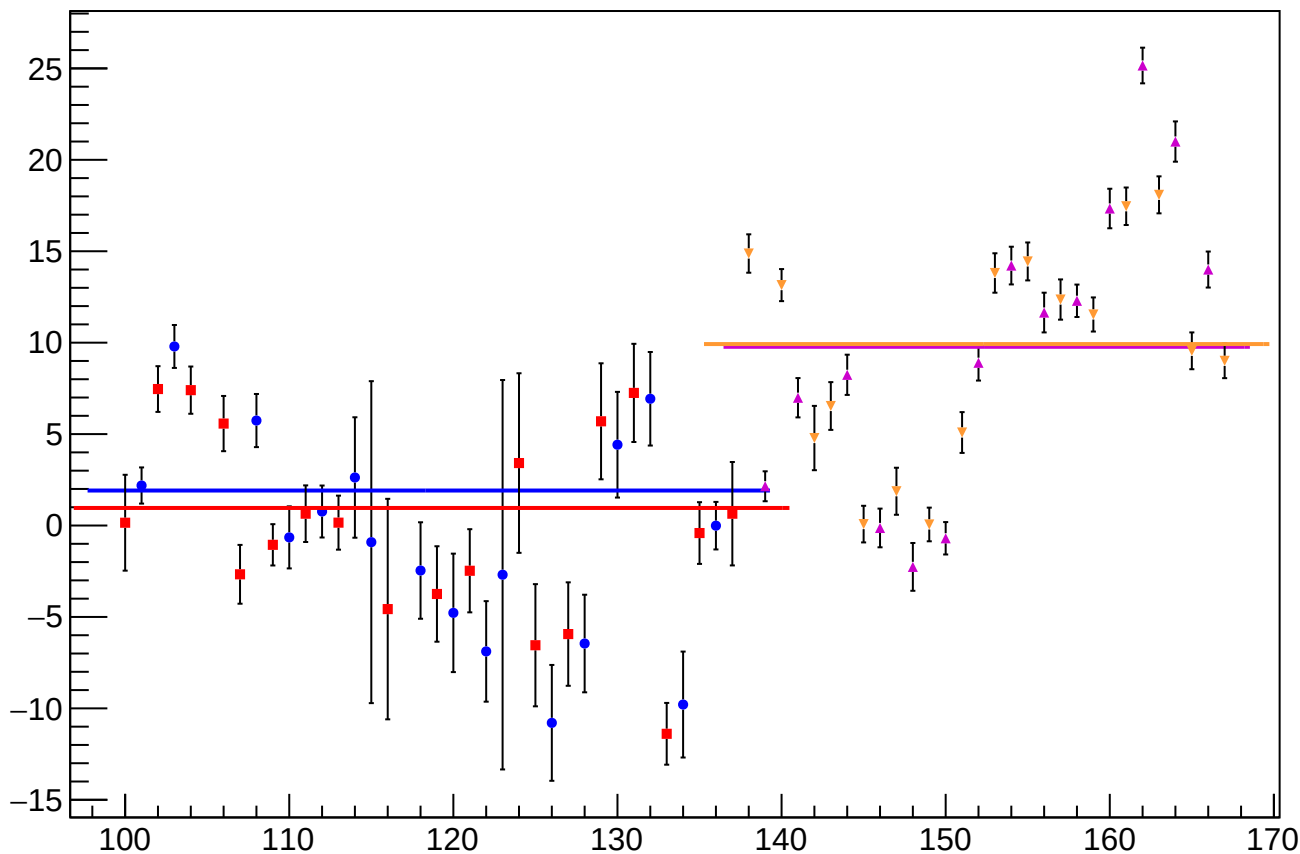
Left In: 55.263 $\pm$ 0.206 χ^2 /NDF: 959.8/13

+ sign 56.972 $\pm$ 0.156 χ^2 /NDF: 2060.9/32

All: 56.978 $\pm$ 0.111 χ^2 /NDF: 4508.8/65

- sign 56.984 $\pm$ 0.158 χ^2 /NDF: 2447.8/32

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 9.924 ± 0.263 χ^2/NDF : 480.5/15

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

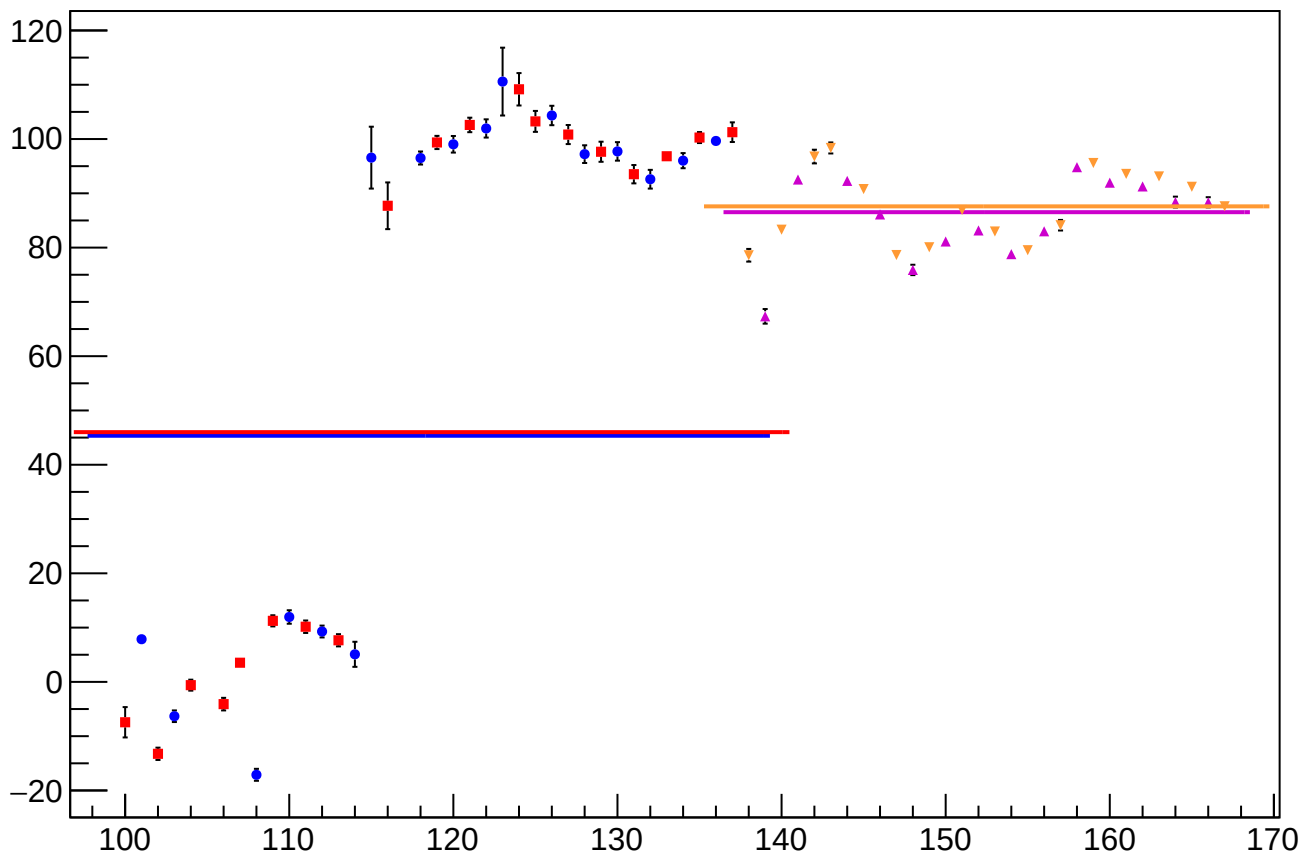
Left In: 9.775 ± 0.269 χ^2/NDF : 857.9/13

+ sign 7.940 ± 0.228 χ^2/NDF : 832.5/32

All: 7.592 ± 0.161 χ^2/NDF : 2152.4/65

- sign 7.246 ± 0.227 χ^2/NDF : 1315.2/32

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 87.597 $\pm$ 0.223 χ^2 /NDF: 811.3/15

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

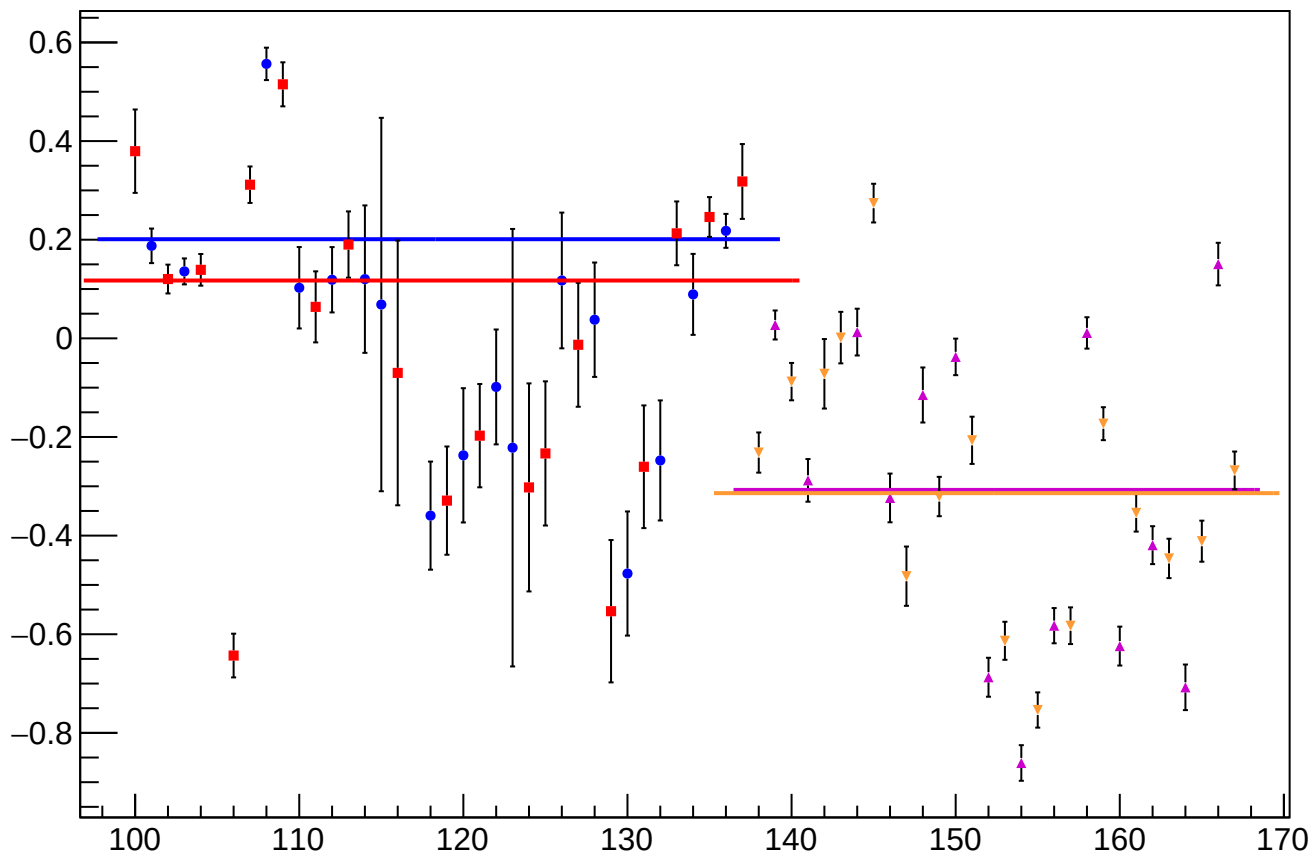
Left In: 86.526 $\pm$ 0.235 χ^2 /NDF: 798.5/13

+ sign 72.733 $\pm$ 0.180 χ^2 /NDF: 38467.7/32

All: 71.594 $\pm$ 0.128 χ^2 /NDF: 79374.2/65

- sign 70.423 $\pm$ 0.182 χ^2 /NDF: 40825.2/32

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.314 ± 0.010 χ^2/NDF : 626.1/15

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

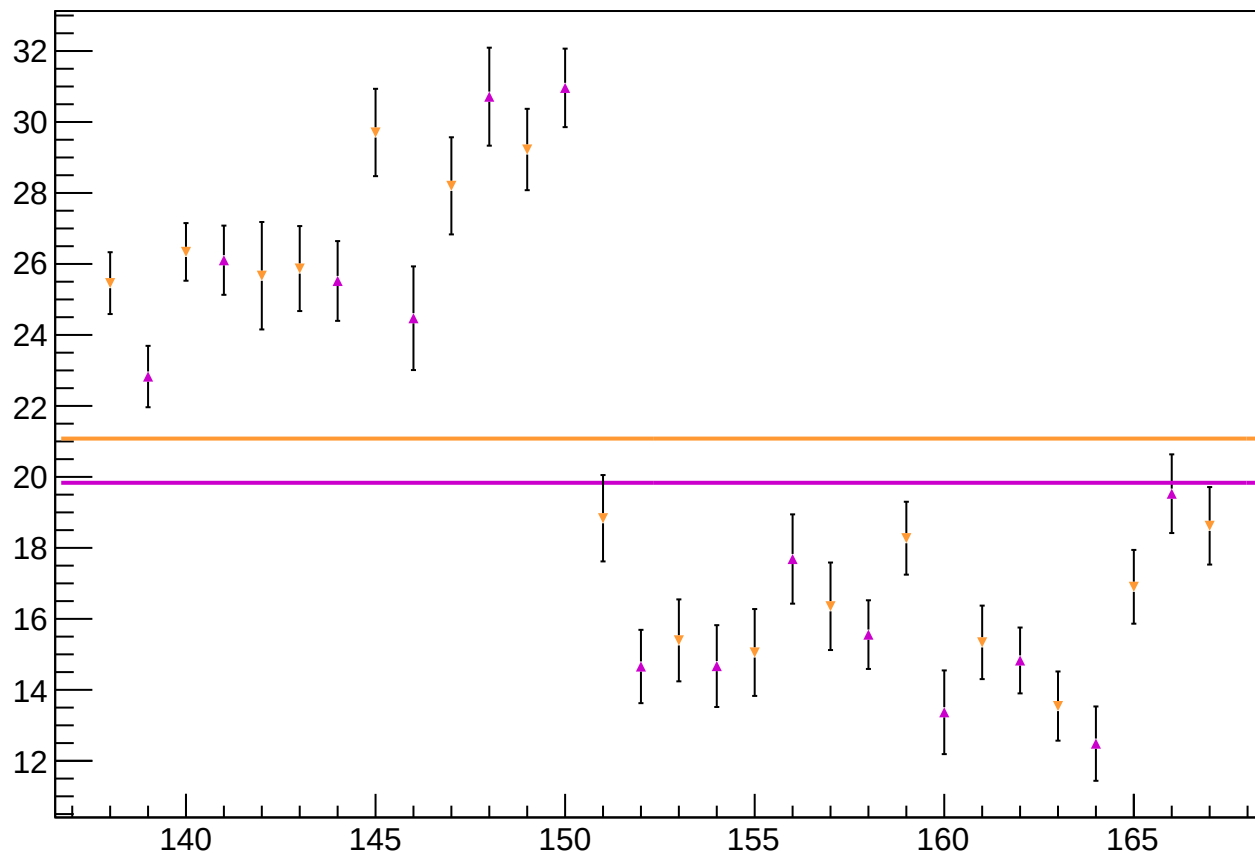
Left In: -0.307 ± 0.010 χ^2/NDF : 987.5/13

+ sign -0.135 ± 0.008 χ^2/NDF : 1721.6/32

All: -0.138 ± 0.006 χ^2/NDF : 3854.7/65

- sign -0.140 ± 0.008 χ^2/NDF : 2132.9/32

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 21.080+/-0.273 χ^2/NDF : 404.9/15

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

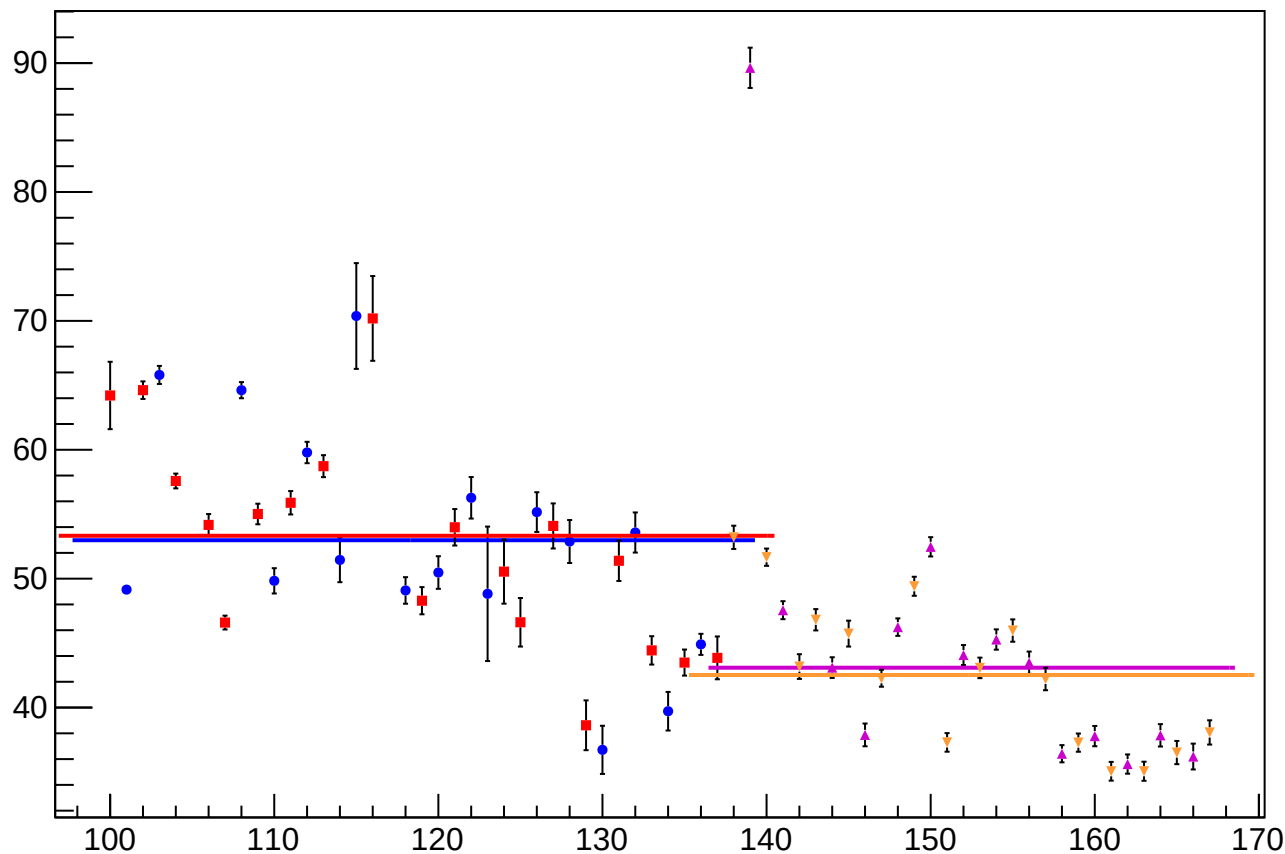
Left In: 19.834+/-0.289 χ^2/NDF : 428.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.491+/-0.199 χ^2/NDF : 843.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 ± 0.210 χ^2/NDF : 1197.8/16

Left Out: 42.526 ± 0.199 χ^2/NDF : 848.5/15

Right Out: 53.328 ± 0.227 χ^2/NDF : 872.7/18

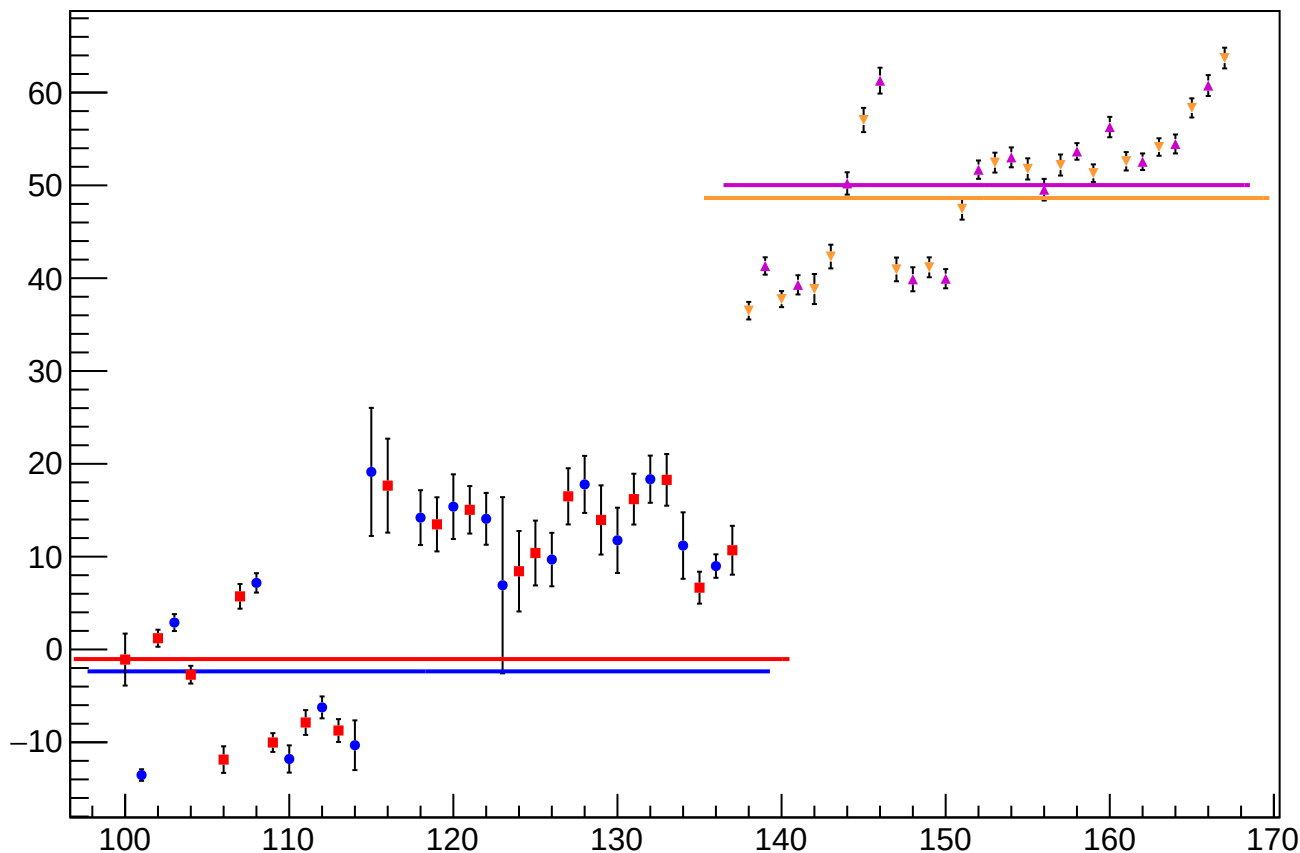
Left In: 43.090 ± 0.214 χ^2/NDF : 1480.0/13

+ sign 47.457 ± 0.144 χ^2/NDF : 3354.0/32

All: 47.668 ± 0.106 χ^2/NDF : 6789.8/65

- sign 47.914 ± 0.156 χ^2/NDF : 3431.2/32

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 48.635 ± 0.271 χ^2/NDF : 870.0/15

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

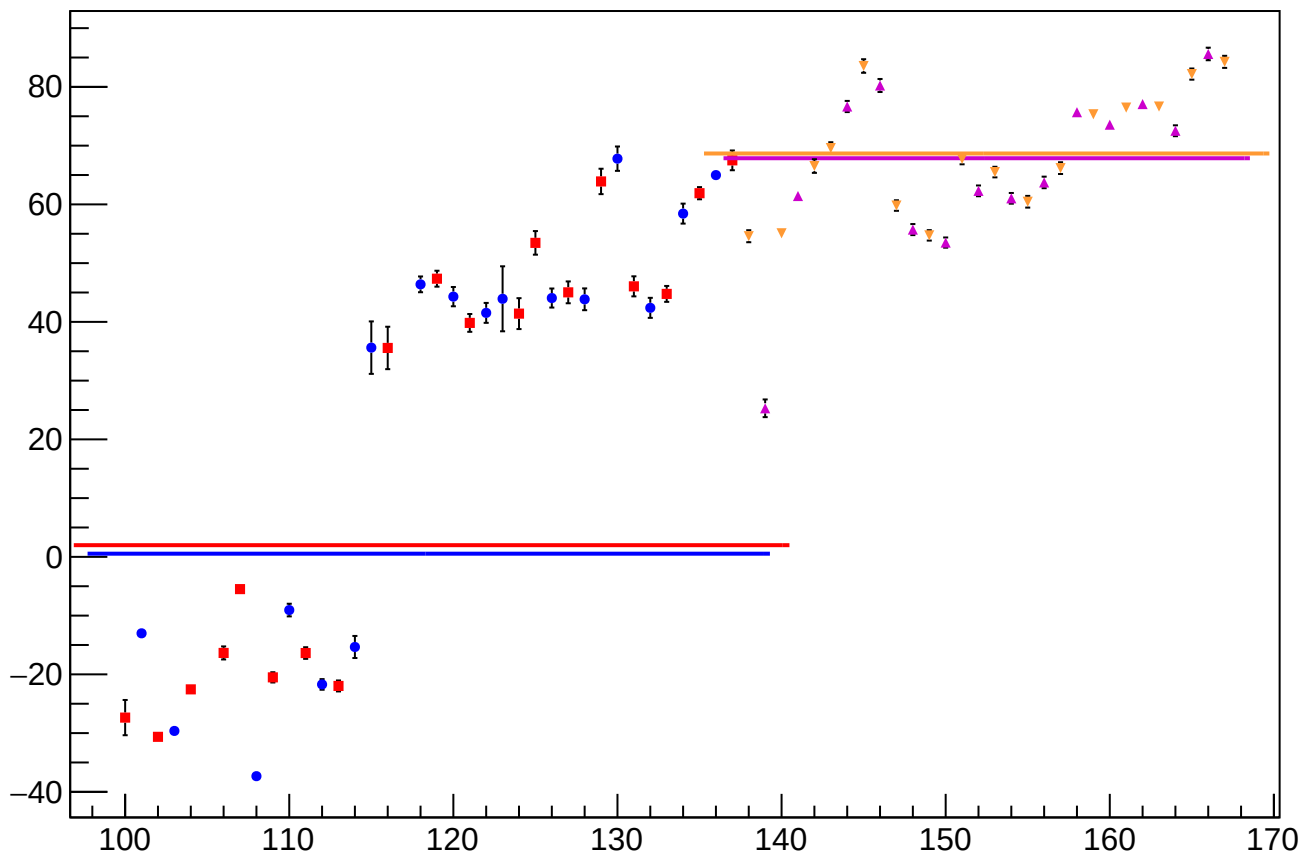
Left In: 50.031 ± 0.283 χ^2/NDF : 592.9/13

+ sign 30.479 ± 0.217 χ^2/NDF : 14363.4/32

All: 31.044 ± 0.157 χ^2/NDF : 27230.0/65

- sign 31.658 ± 0.226 χ^2/NDF : 12852.4/32

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 68.663 ± 0.229 χ^2/NDF : 1791.8/15

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

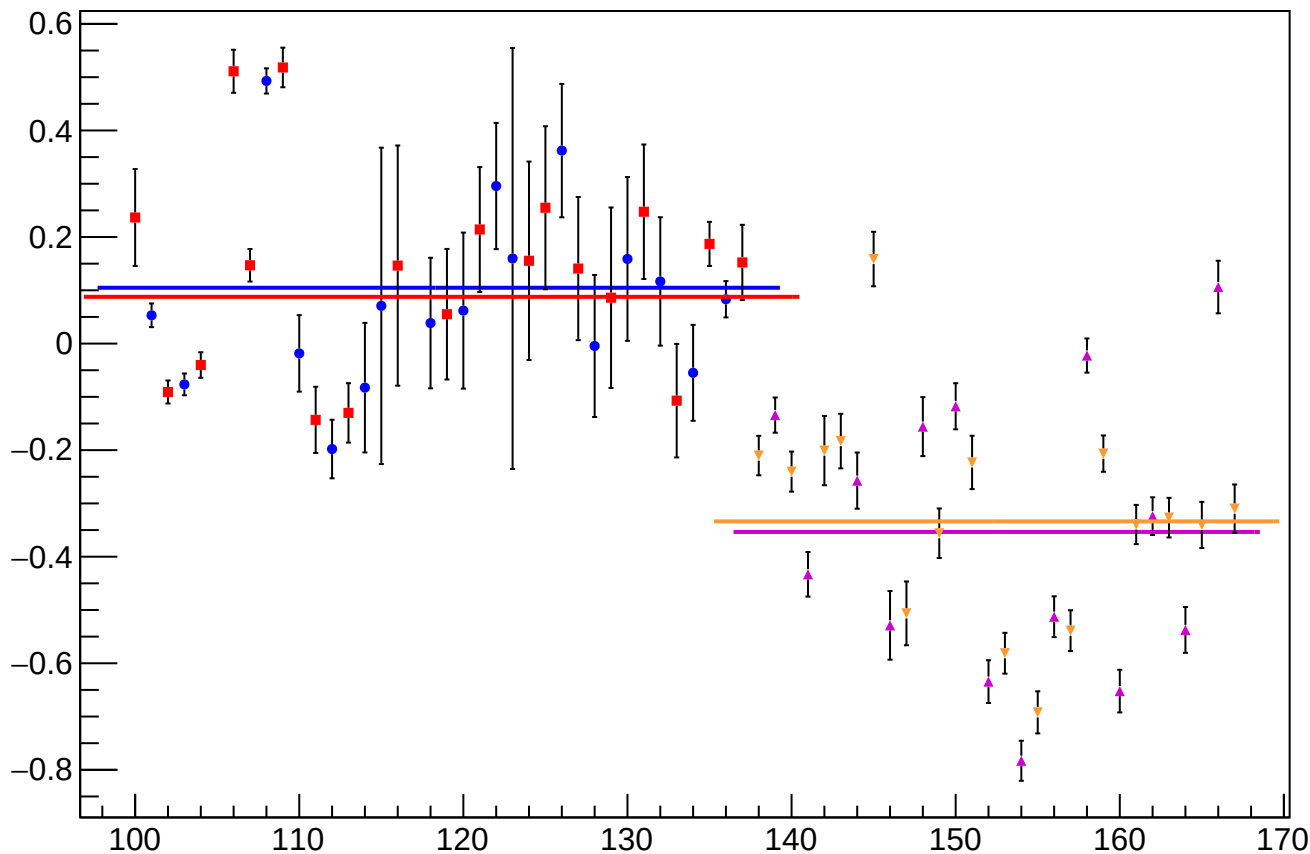
Left In: 67.856 ± 0.244 χ^2/NDF : 2230.3/13

+ sign 37.132 ± 0.168 χ^2/NDF : 61169.9/32

All: 37.439 ± 0.123 χ^2/NDF : 112083.7/65

- sign 37.793 ± 0.180 χ^2/NDF : 50906.6/32

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.334 ± 0.011 χ^2/NDF : 303.3/15

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

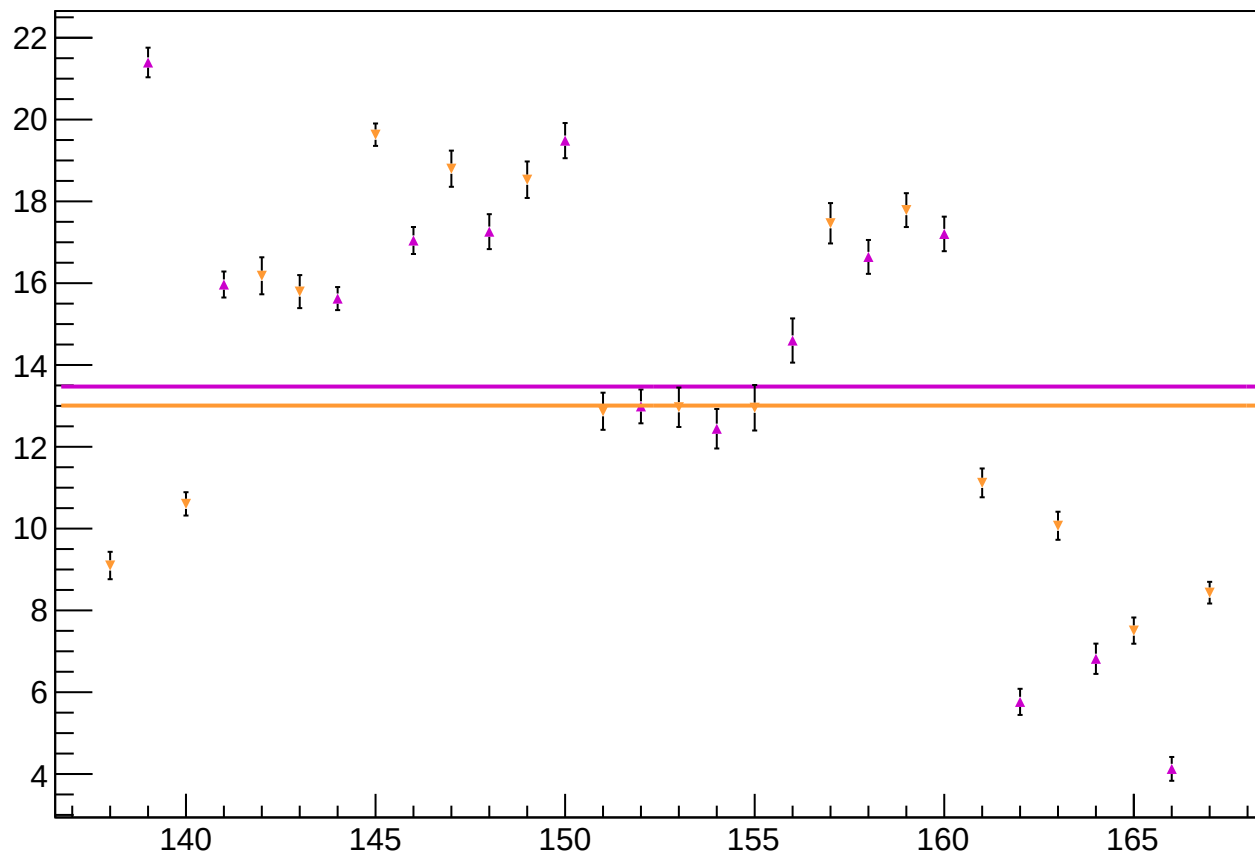
Left In: -0.354 ± 0.011 χ^2/NDF : 565.7/13

+ sign -0.124 ± 0.008 χ^2/NDF : 1526.6/32

All: -0.128 ± 0.005 χ^2/NDF : 3290.4/65

- sign -0.133 ± 0.008 χ^2/NDF : 1763.0/32

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 13.008 $\pm$ 0.092 χ^2 /NDF:2122.2/15

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

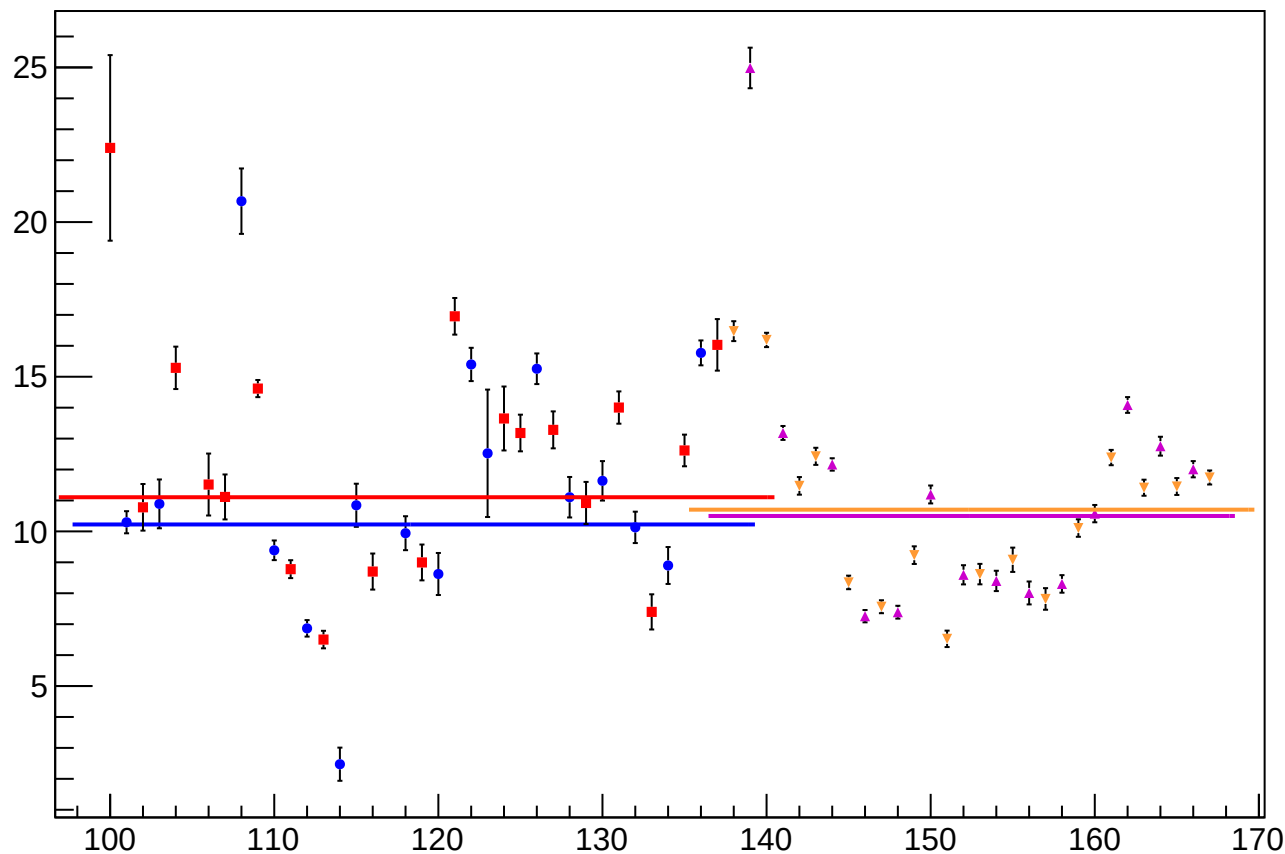
Left In: 13.473 $\pm$ 0.098 χ^2 /NDF:3072.1/13

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

All: 13.225 $\pm$ 0.067 χ^2 /NDF: 5206.3/29

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

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 10.702 $\pm$ 0.067 χ^2 /NDF: 1755.2/15

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

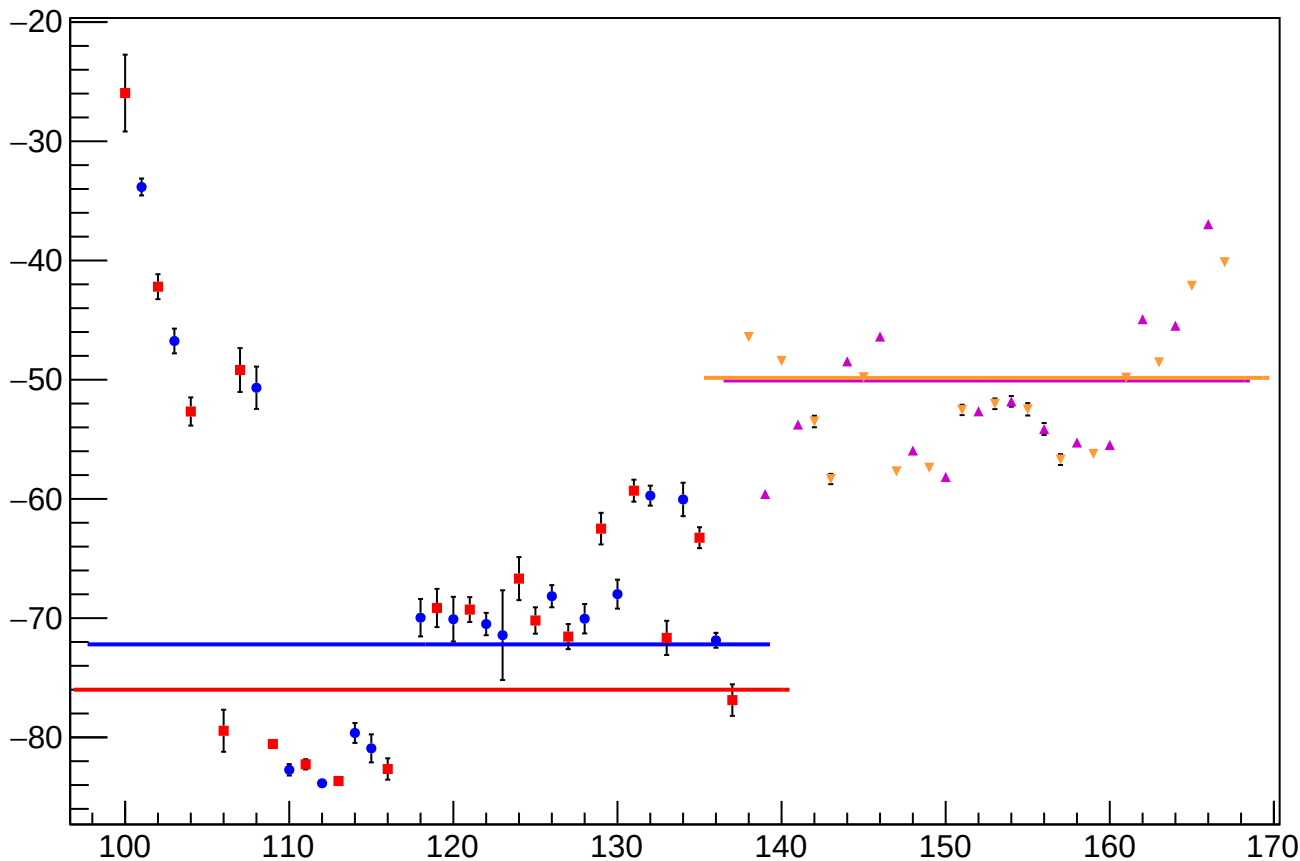
Left In: 10.498 $\pm$ 0.071 χ^2 /NDF: 1663.4/13

+ sign 10.588 $\pm$ 0.058 χ^2 /NDF: 2645.1/32

All: 10.623 $\pm$ 0.042 χ^2 /NDF: 5146.3/65

- sign 10.661 $\pm$ 0.060 χ^2 /NDF: 2500.4/32

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -49.845 ± 0.092 χ^2/NDF : 3716.5/15

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

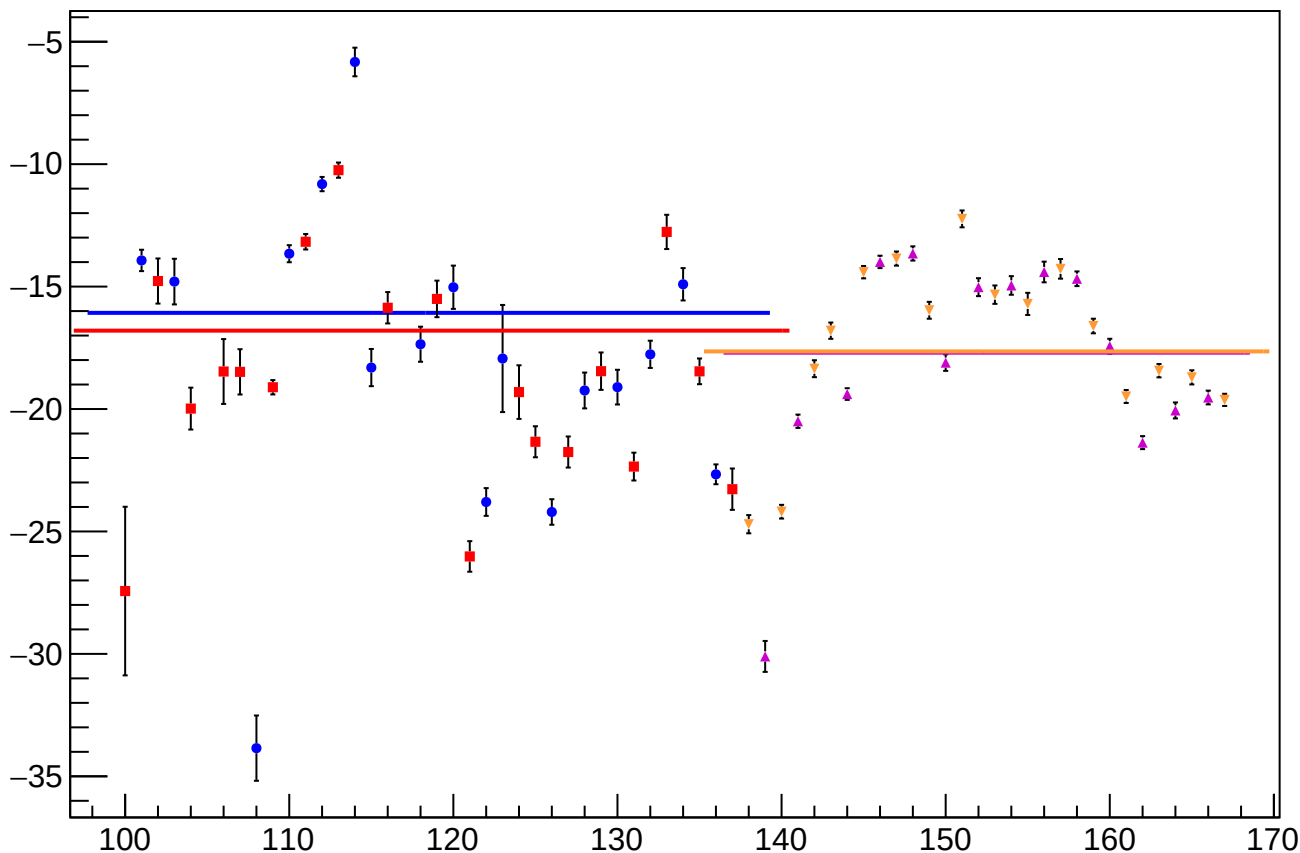
Left In: -50.062 ± 0.097 χ^2/NDF : 4391.5/13

+ sign -53.818 ± 0.083 χ^2/NDF : 19798.5/32

All: -54.799 ± 0.060 χ^2/NDF : 43926.9/65

- sign -55.826 ± 0.085 χ^2/NDF : 23845.0/32

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16

Left Out: -17.647 ± 0.077 χ^2/NDF : 1795.6/15

Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18

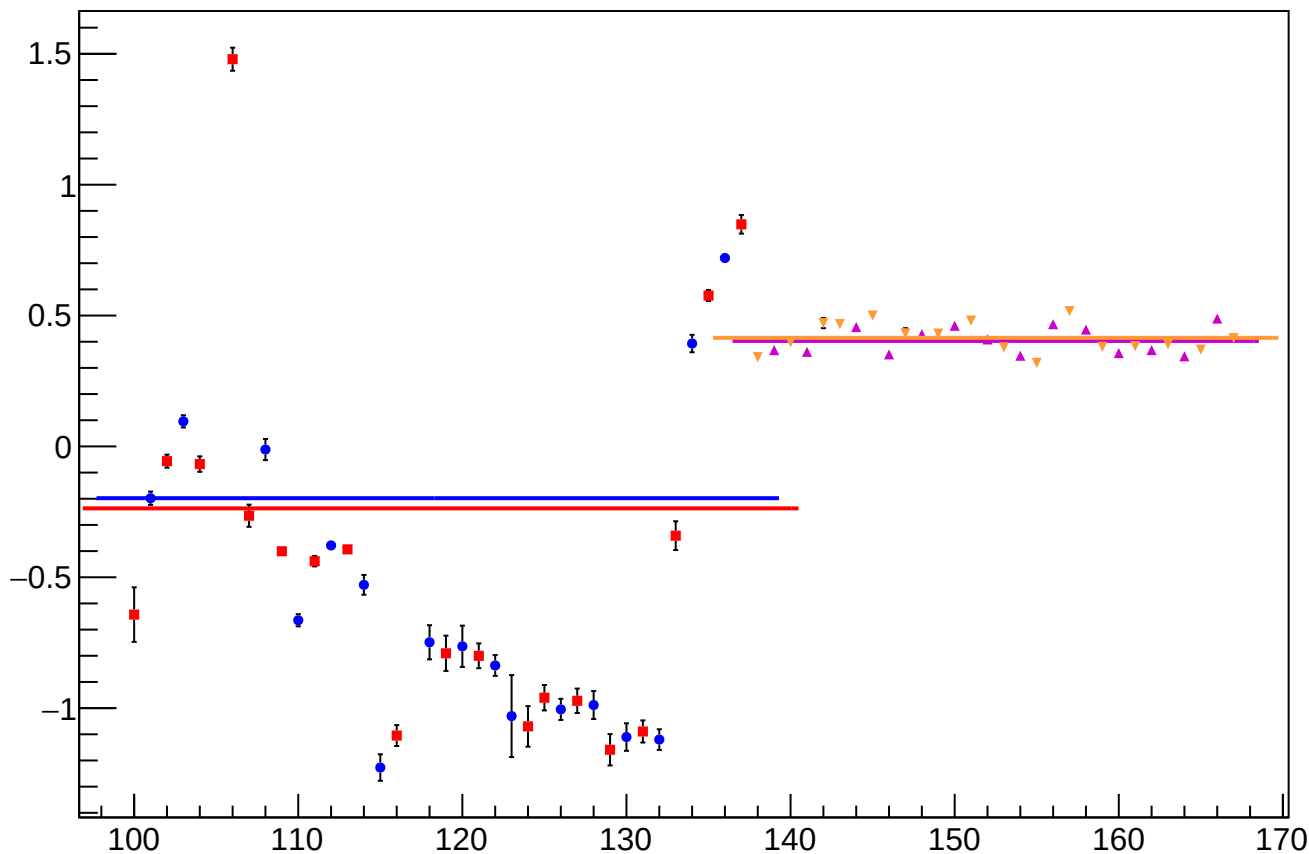
Left In: -17.699 ± 0.082 χ^2/NDF : 1507.4/13

+ sign -17.245 ± 0.067 χ^2/NDF : 3542.3/32

All: -17.337 ± 0.048 χ^2/NDF : 6304.4/65

- sign -17.437 ± 0.069 χ^2/NDF : 2758.1/32

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.415 ± 0.004 χ^2/NDF : 220.1/15

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

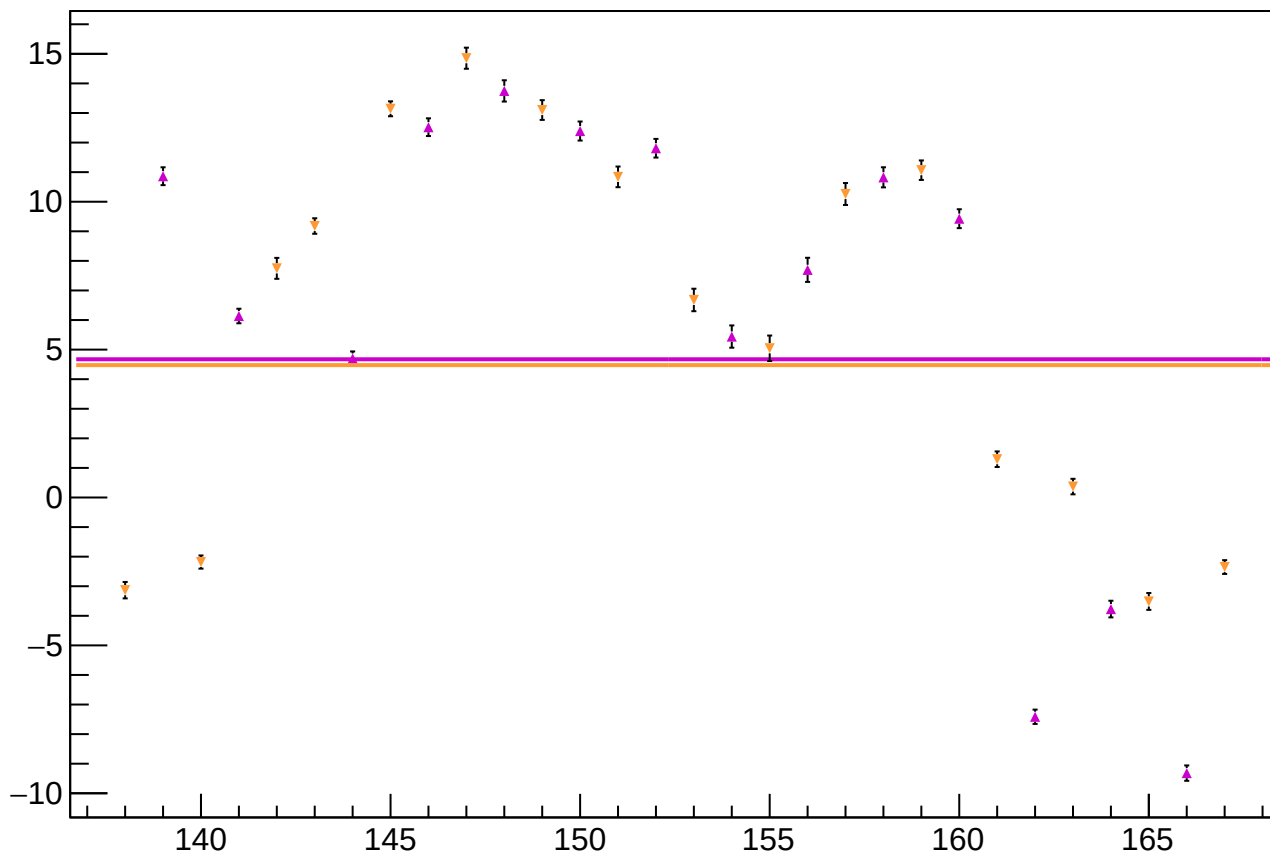
Left In: 0.403 ± 0.004 χ^2/NDF : 173.5/13

+ sign 0.299 ± 0.003 χ^2/NDF : 11919.3/32

All: 0.280 ± 0.002 χ^2/NDF : 24551.1/65

- sign 0.259 ± 0.003 χ^2/NDF : 12559.5/32

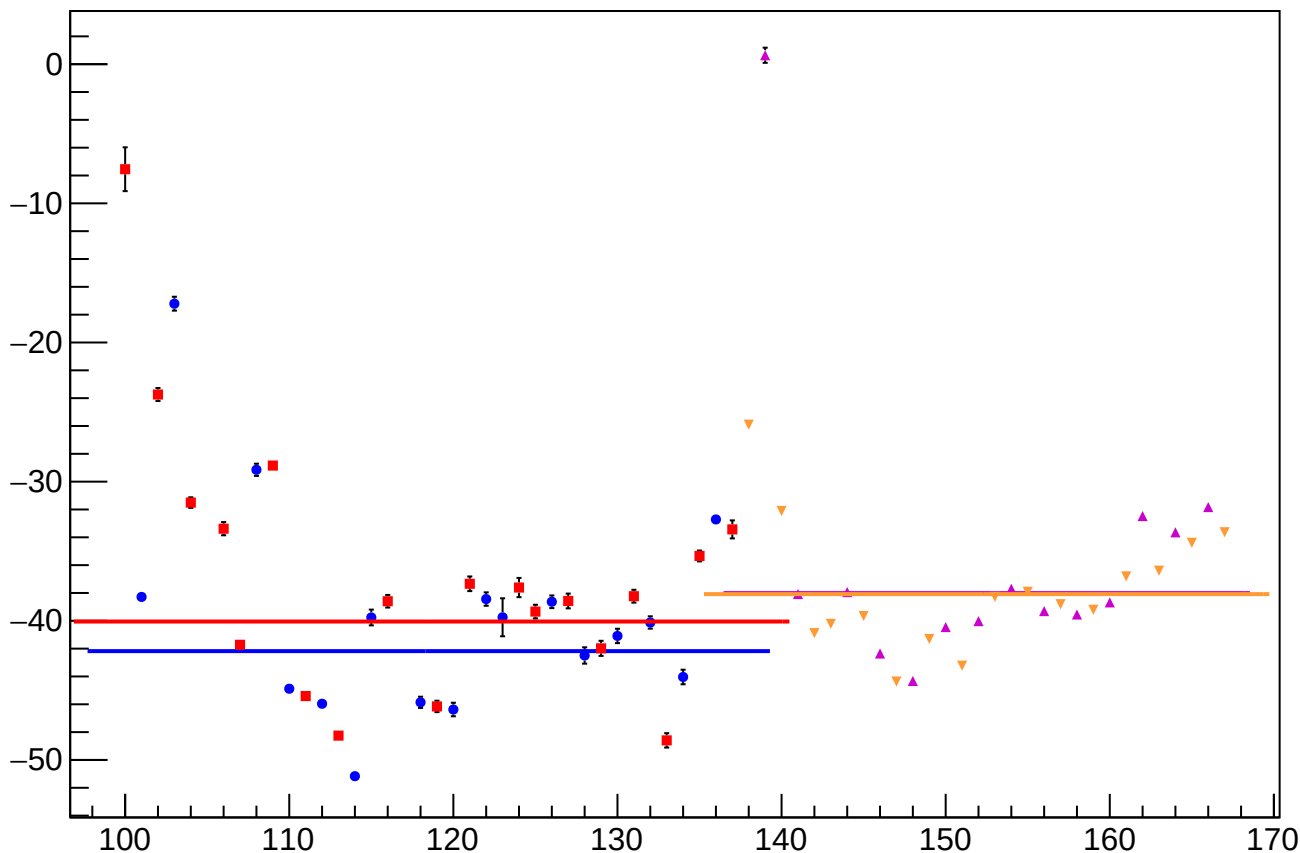
reg_asym_sam8_diff_bpm1X_slope vs Slug



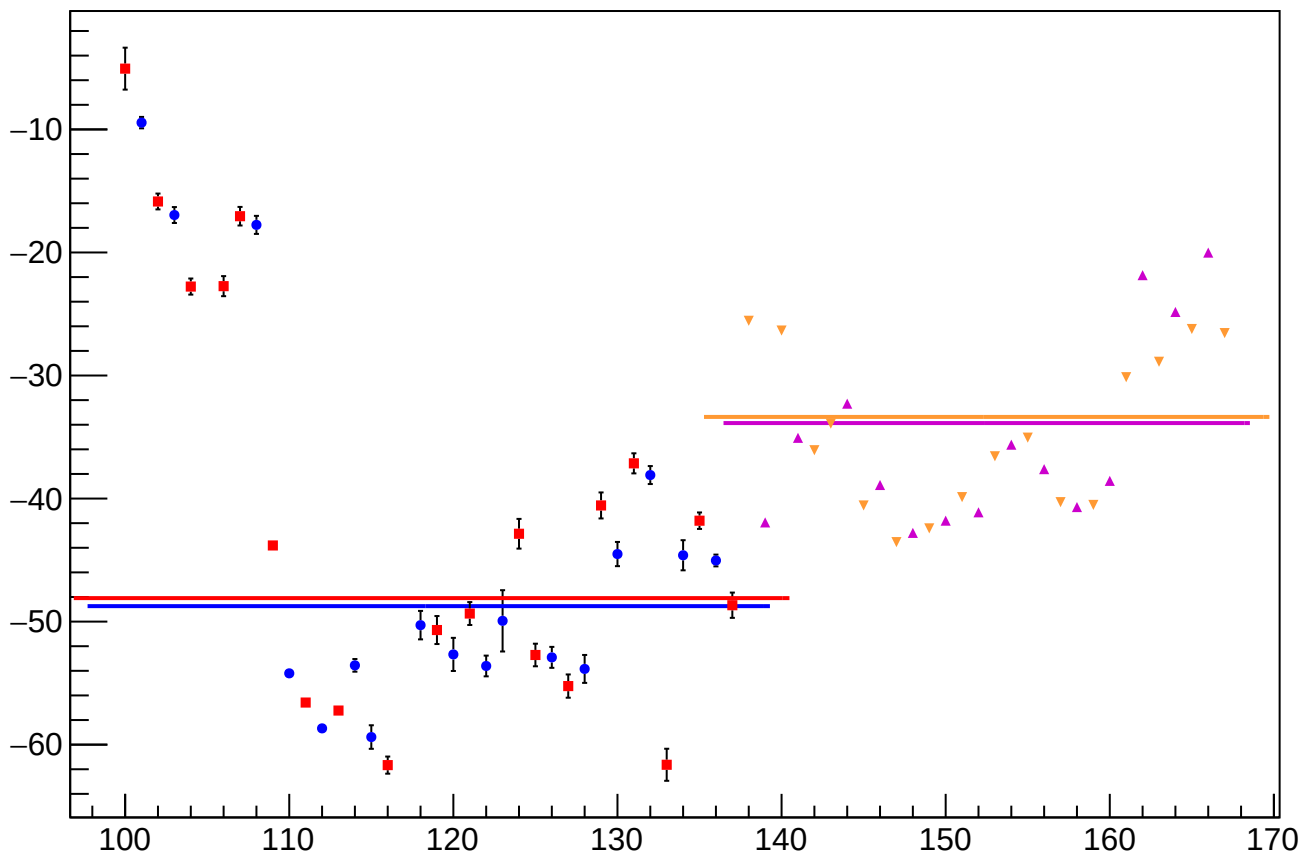
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.476 $\pm$ 0.074 χ^2 /NDF: 7796.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.673 $\pm$ 0.079 χ^2 /NDF: 9760.5/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.567 $\pm$ 0.054 χ^2 /NDF: 17560.4/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -33.365 ± 0.073 $\chi^2/\text{NDF}: 7473.7/15$

Right Out: -48.091 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

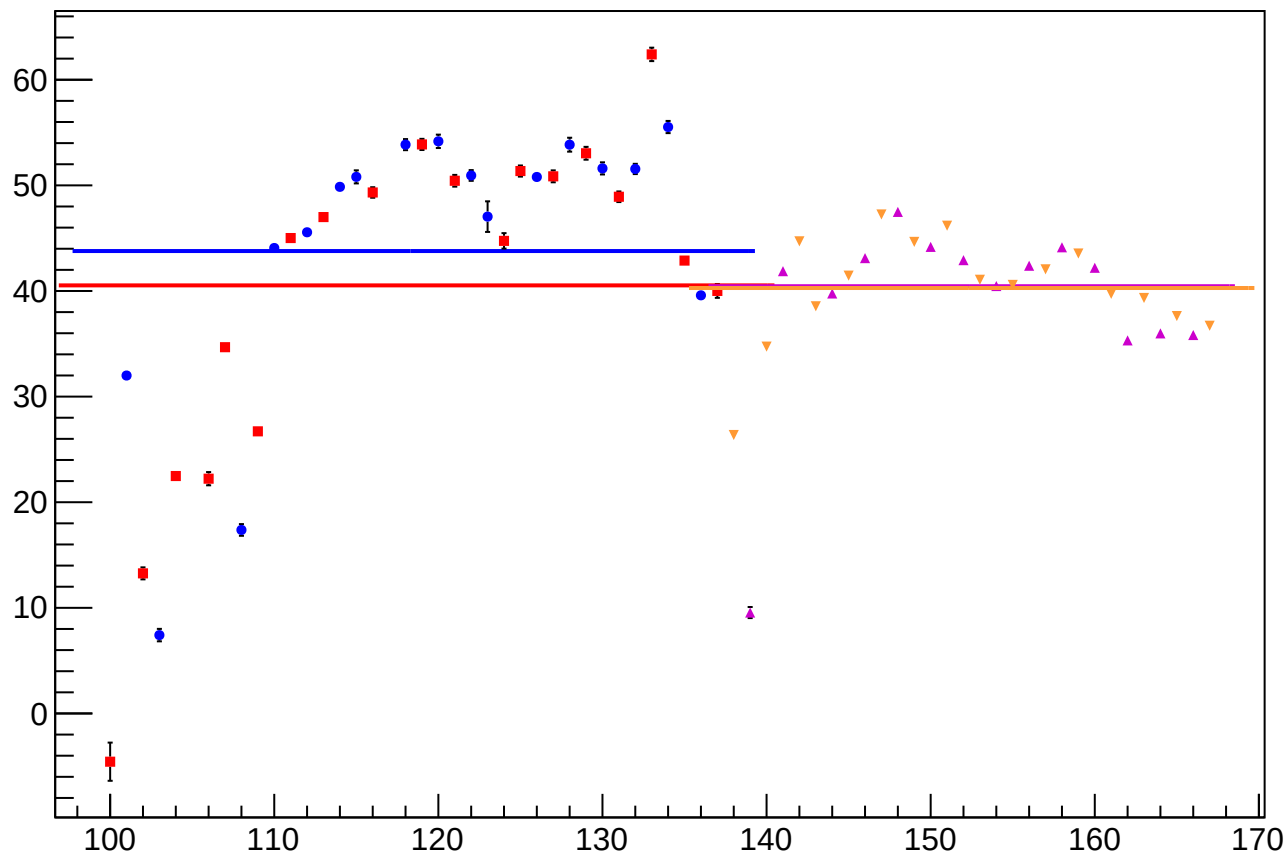
Left In: -33.865 ± 0.078 $\chi^2/\text{NDF}: 10274.1/13$

+ sign -37.334 ± 0.063 $\chi^2/\text{NDF}: 33464.3/32$

All: -38.061 ± 0.045 $\chi^2/\text{NDF}: 67250.9/65$

- sign -38.784 ± 0.063 $\chi^2/\text{NDF}: 33523.1/32$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.282 $\pm$ 0.062 χ^2 /NDF: 5305.6/15

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

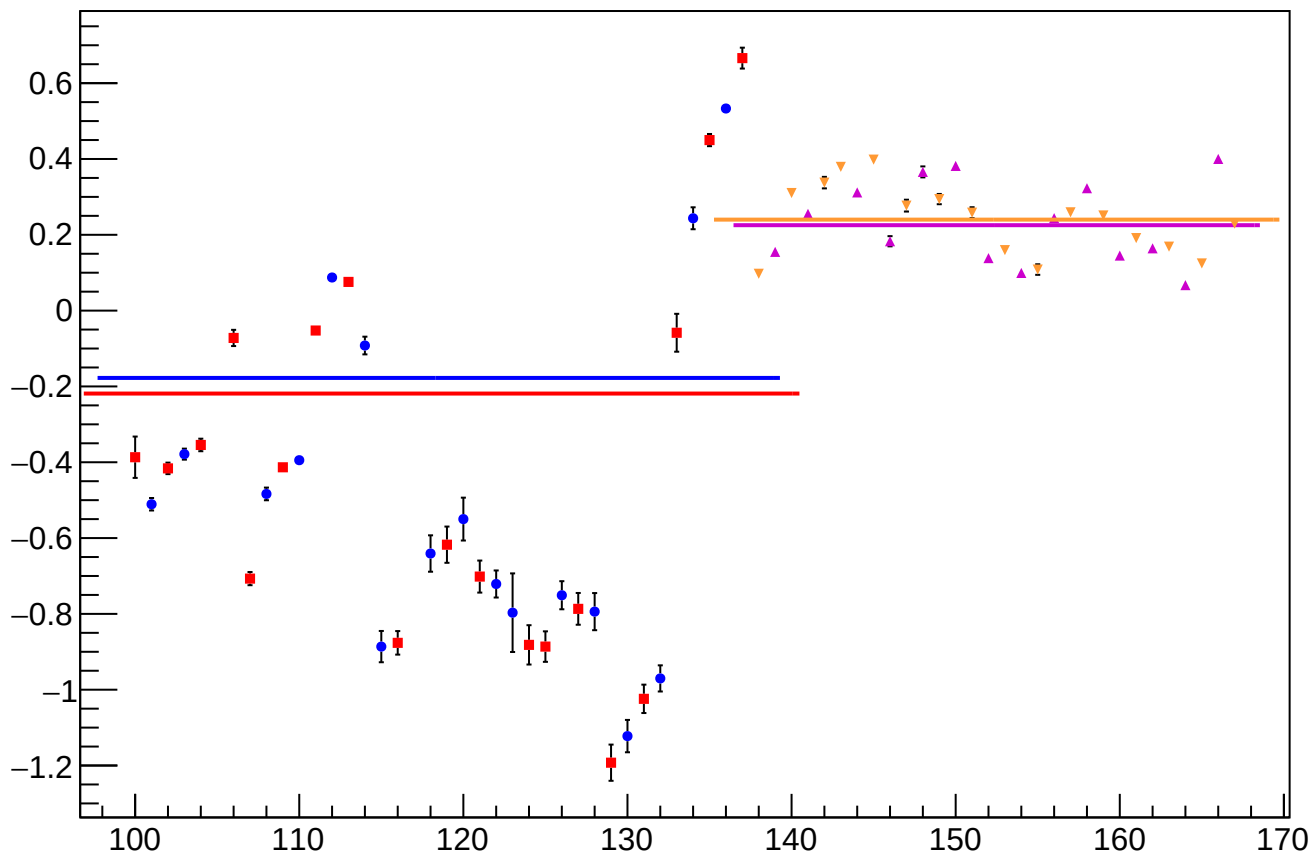
Left In: 40.453 $\pm$ 0.066 χ^2 /NDF: 6409.6/13

+ sign 41.456 $\pm$ 0.050 χ^2 /NDF: 17029.6/32

All: 40.979 $\pm$ 0.036 χ^2 /NDF: 41204.3/65

- sign 40.484 $\pm$ 0.051 χ^2 /NDF: 23990.8/32

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.240 ± 0.003 χ^2/NDF : 941.9/15

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

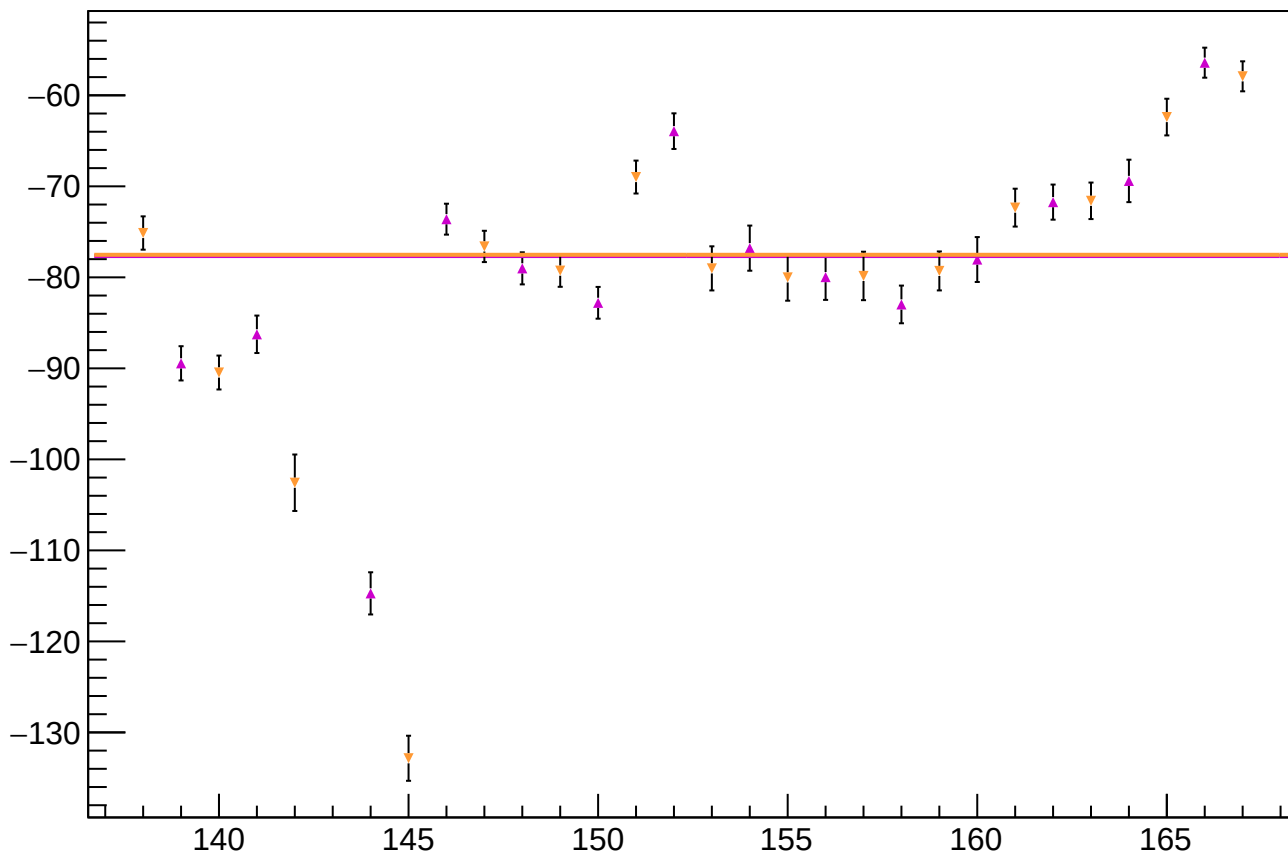
Left In: 0.225 ± 0.003 χ^2/NDF : 1110.1/13

+ sign 0.129 ± 0.002 χ^2/NDF : 13798.3/32

All: 0.102 ± 0.002 χ^2/NDF : 29646.4/65

- sign 0.073 ± 0.003 χ^2/NDF : 15599.2/32

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -77.522+/-0.528 χ^2/NDF : 853.6/14

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

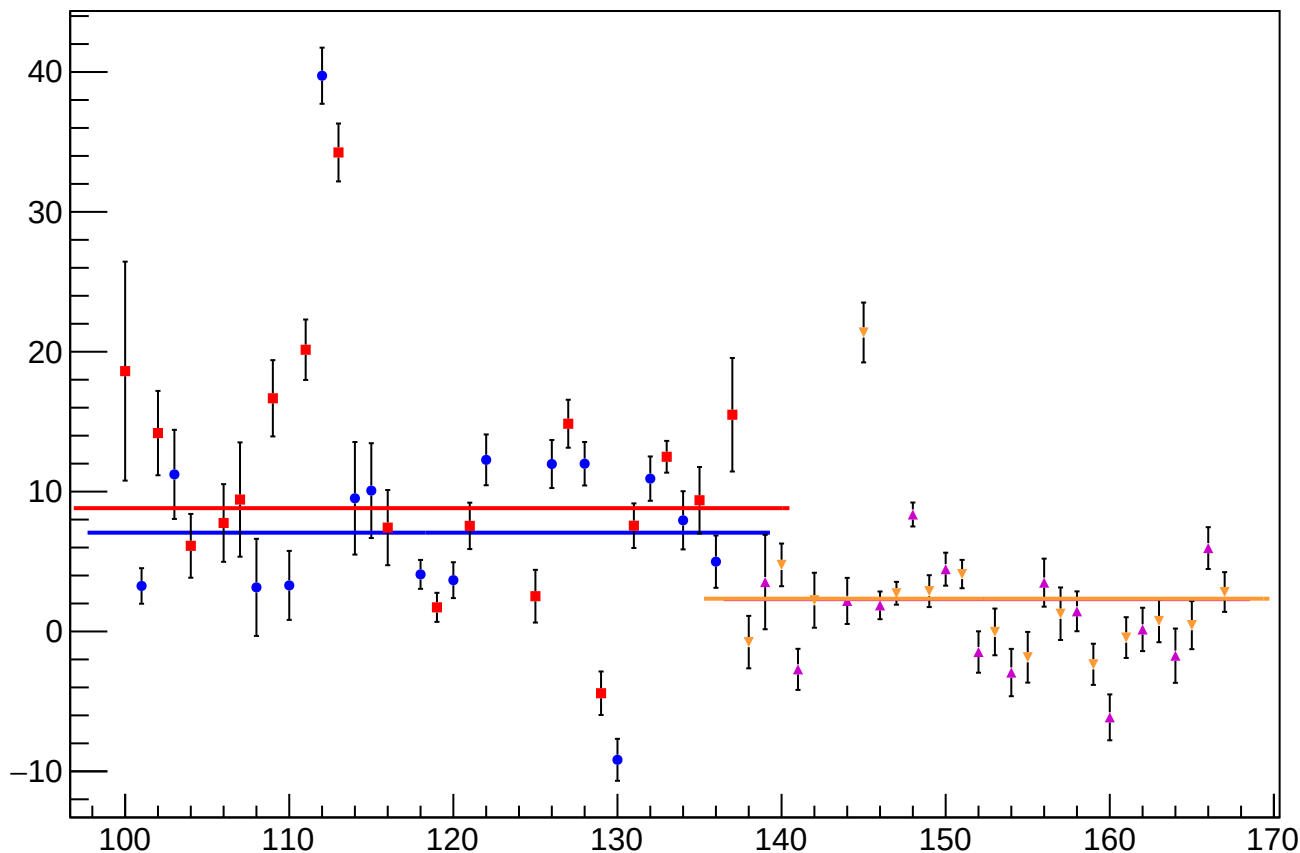
Left In: -77.661+/-0.534 χ^2/NDF : 572.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.591+/-0.375 χ^2/NDF : 1425.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 $\chi^2/\text{NDF}: 446.9/15$

Left Out: 2.343 ± 0.363 $\chi^2/\text{NDF}: 111.8/14$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

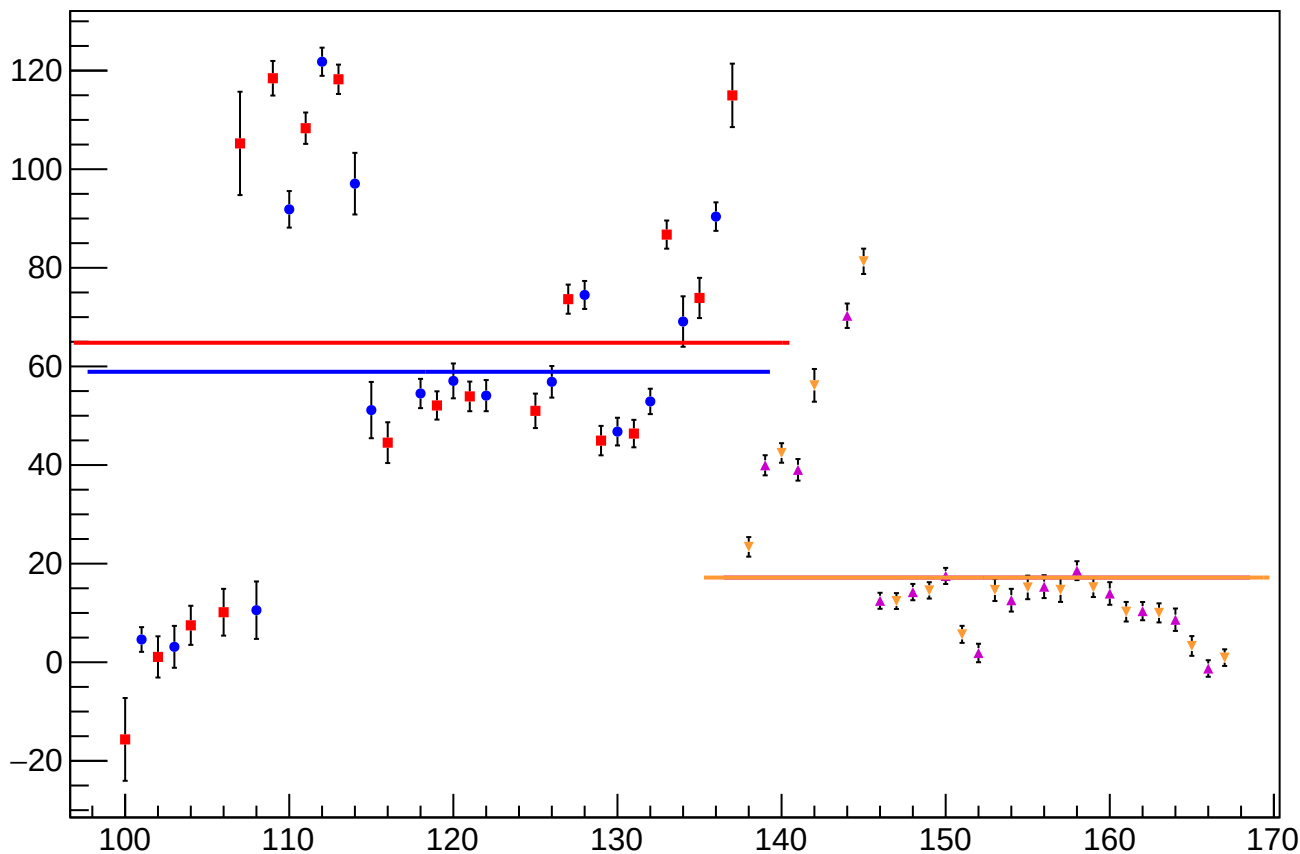
Left In: 2.312 ± 0.374 $\chi^2/\text{NDF}: 121.1/13$

+ sign 4.288 ± 0.278 $\chi^2/\text{NDF}: 628.3/30$

All: 4.620 ± 0.200 $\chi^2/\text{NDF}: 1226.7/62$

- sign 4.974 ± 0.287 $\chi^2/\text{NDF}: 595.4/31$

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 ± 0.831 $\chi^2/\text{NDF}: 1496.7/15$

Left Out: 17.180 ± 0.516 $\chi^2/\text{NDF}: 1159.6/14$

Right Out: 64.803 ± 0.840 $\chi^2/\text{NDF}: 1718.2/17$

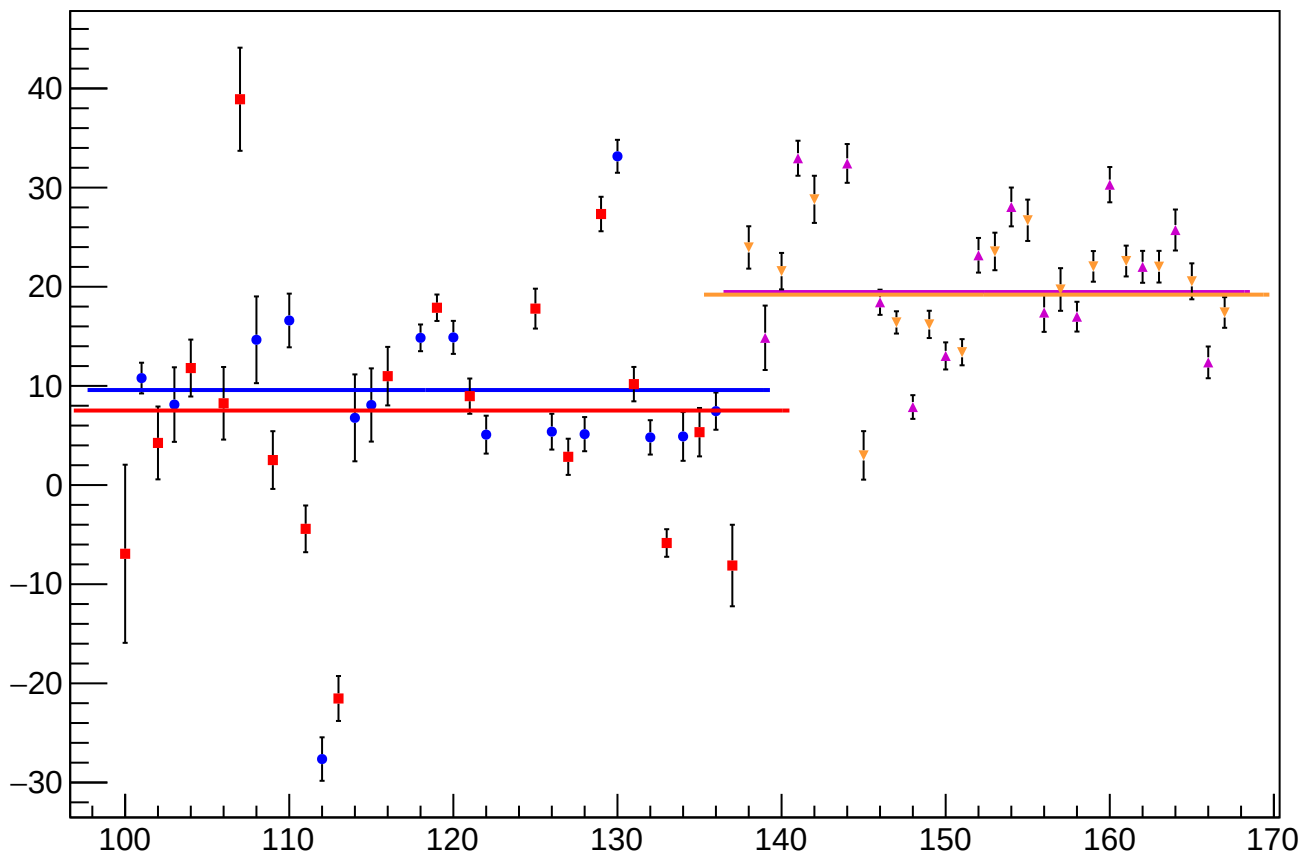
Left In: 17.176 ± 0.520 $\chi^2/\text{NDF}: 917.2/13$

+ sign 28.795 ± 0.439 $\chi^2/\text{NDF}: 4474.6/30$

All: 29.580 ± 0.311 $\chi^2/\text{NDF}: 9438.6/62$

- sign 30.379 ± 0.442 $\chi^2/\text{NDF}: 4957.5/31$

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 19.204 ± 0.429 χ^2/NDF : 128.7/14

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

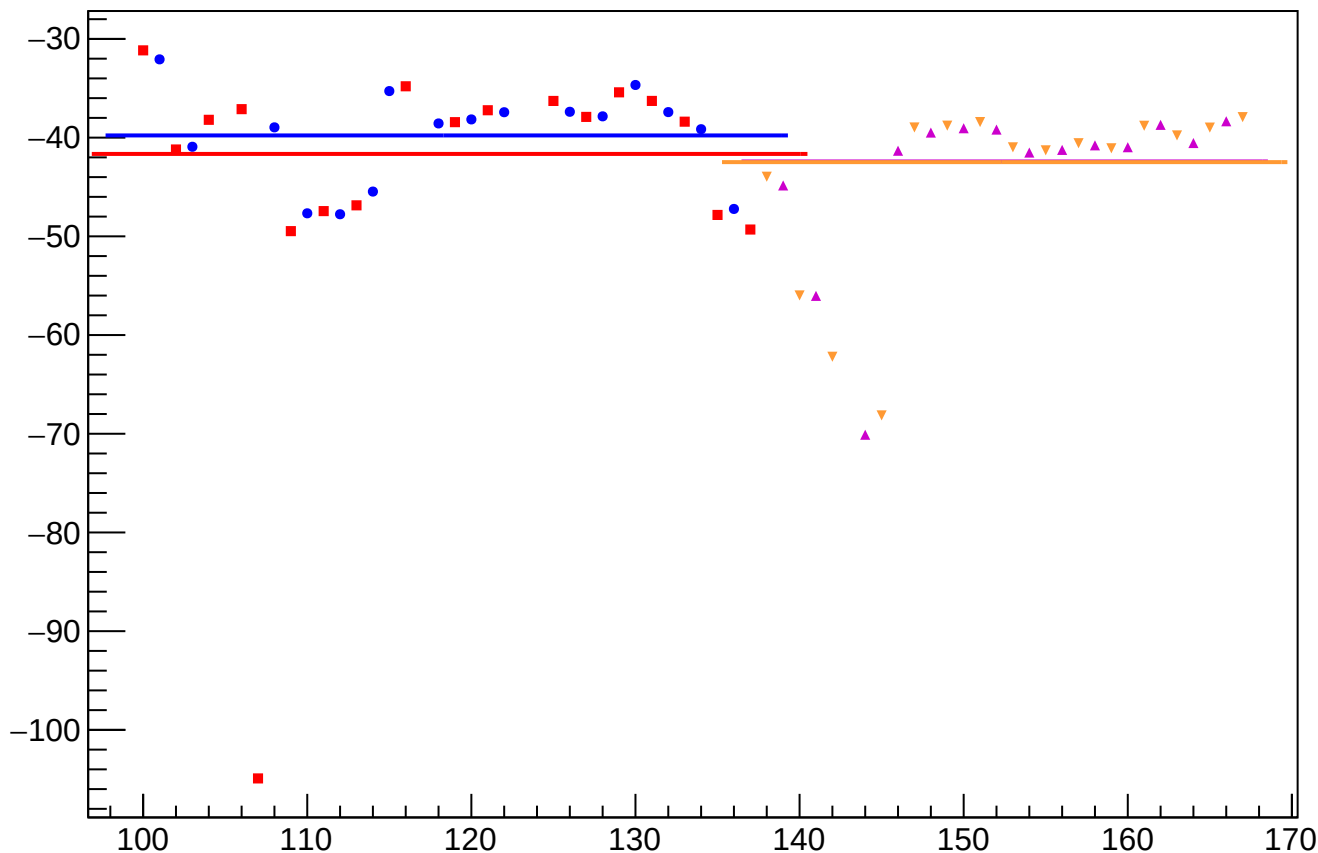
Left In: 19.466 ± 0.441 χ^2/NDF : 317.1/13

+ sign 15.132 ± 0.326 χ^2/NDF : 895.7/30

All: 14.787 ± 0.234 χ^2/NDF : 2095.3/62

- sign 14.423 ± 0.335 χ^2/NDF : 1197.3/31

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -42.481 ± 0.021 χ^2/NDF : 129289.4/14

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

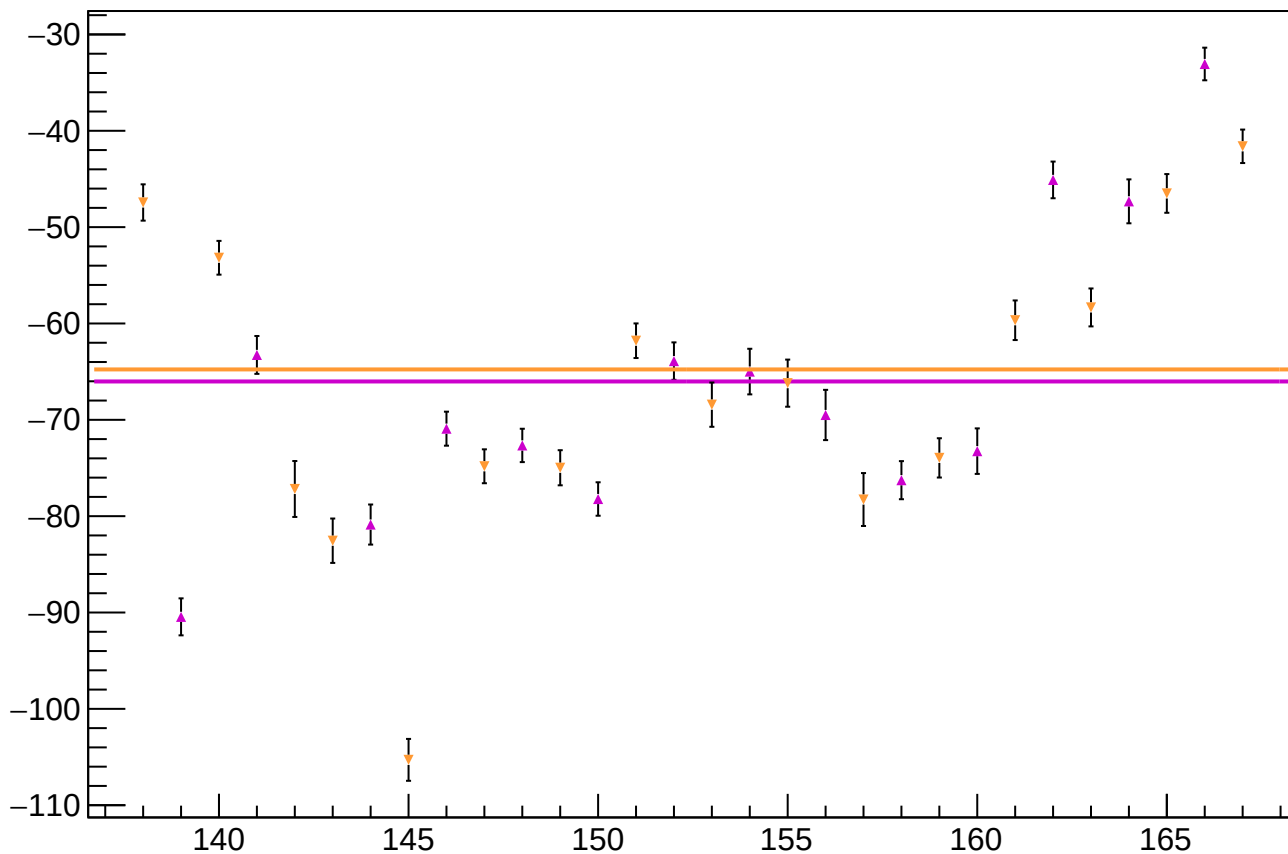
Left In: -42.414 ± 0.021 χ^2/NDF : 102921.6/13

+ sign -41.654 ± 0.017 χ^2/NDF : 160707.2/30

All: -41.915 ± 0.012 χ^2/NDF : 358965.5/62

- sign -42.180 ± 0.017 χ^2/NDF : 197793.7/31

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -64.769+/-0.509 χ^2/NDF : 945.0/15

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

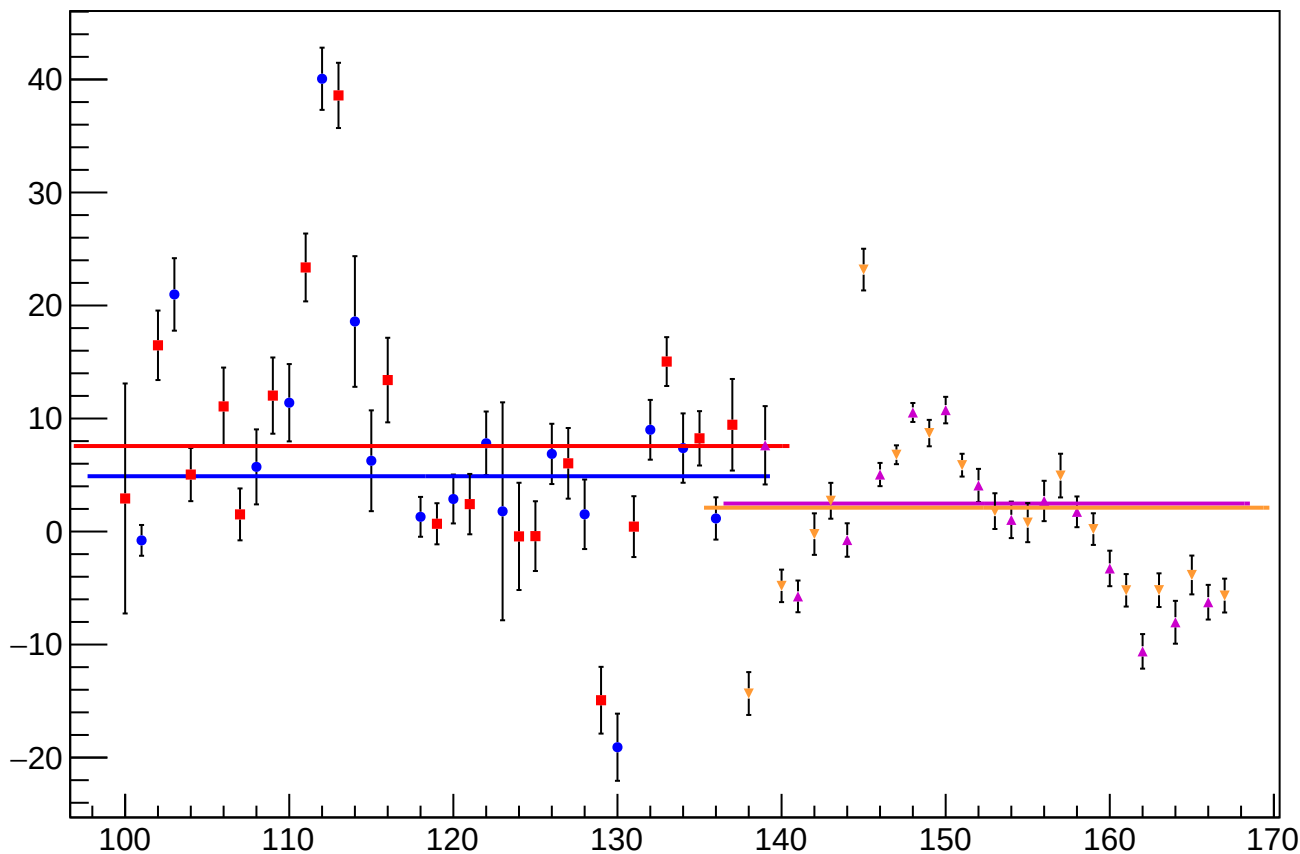
Left In: -66.018+/-0.528 χ^2/NDF : 892.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.371+/-0.366 χ^2/NDF : 1840.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 2.109 ± 0.351 χ^2/NDF : 401.4/15

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

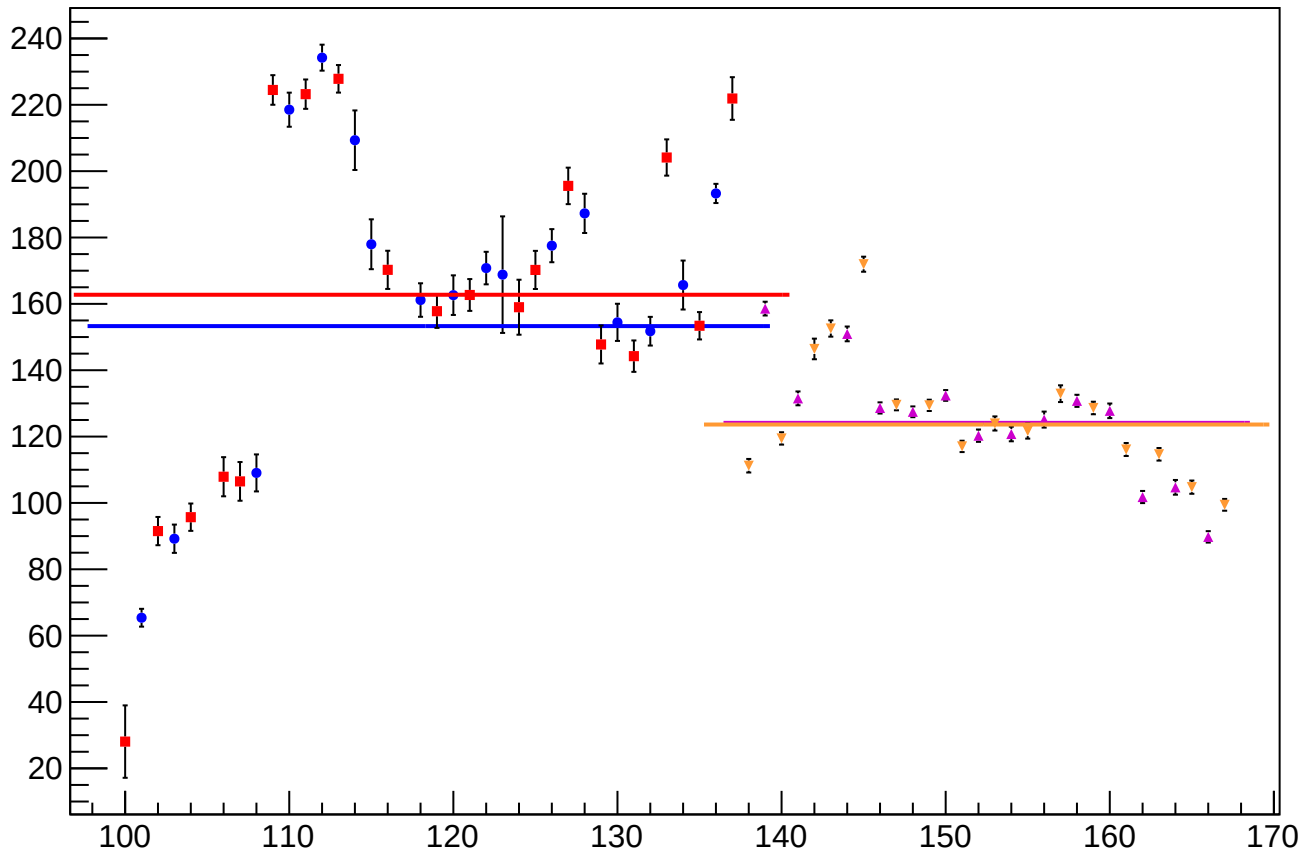
Left In: 2.474 ± 0.368 χ^2/NDF : 341.2/13

+ sign 2.782 ± 0.305 χ^2/NDF : 712.0/32

All: 3.222 ± 0.221 χ^2/NDF : 1374.1/65

- sign 3.706 ± 0.320 χ^2/NDF : 657.7/32

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 123.633 $\pm$ 0.500 χ^2 /NDF:1059.7/15

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

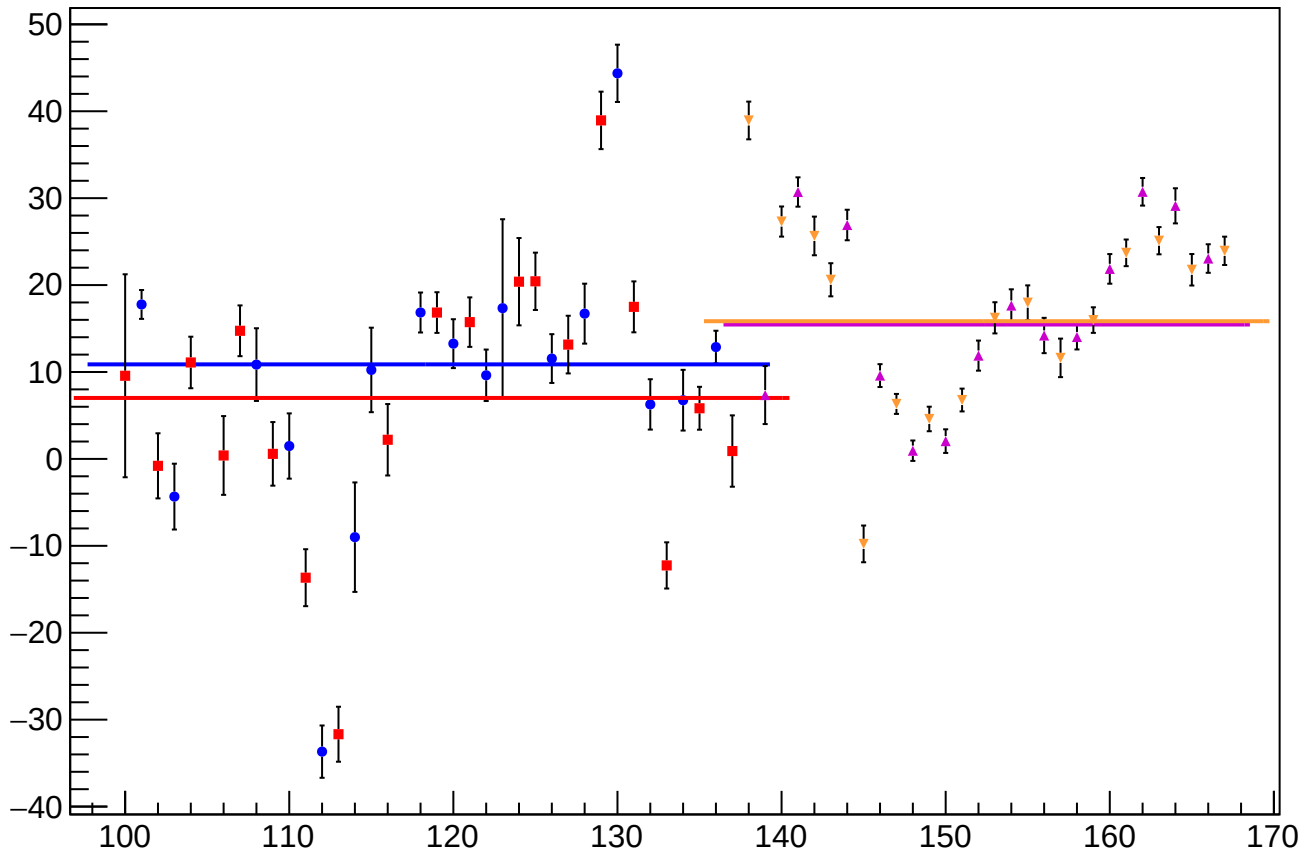
Left In: 124.133 $\pm$ 0.514 χ^2 /NDF:1114.9/13

+ sign 128.389 $\pm$ 0.458 χ^2 /NDF: 3890.4/32

All: 129.329 $\pm$ 0.328 χ^2 /NDF: 7627.0/65

- sign 130.322 $\pm$ 0.471 χ^2 /NDF: 3728.0/32

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF : 388.1/16

Left Out: 15.844+/-0.414 χ^2/NDF : 610.8/15

Right Out: 7.014+/-0.748 χ^2/NDF : 424.5/18

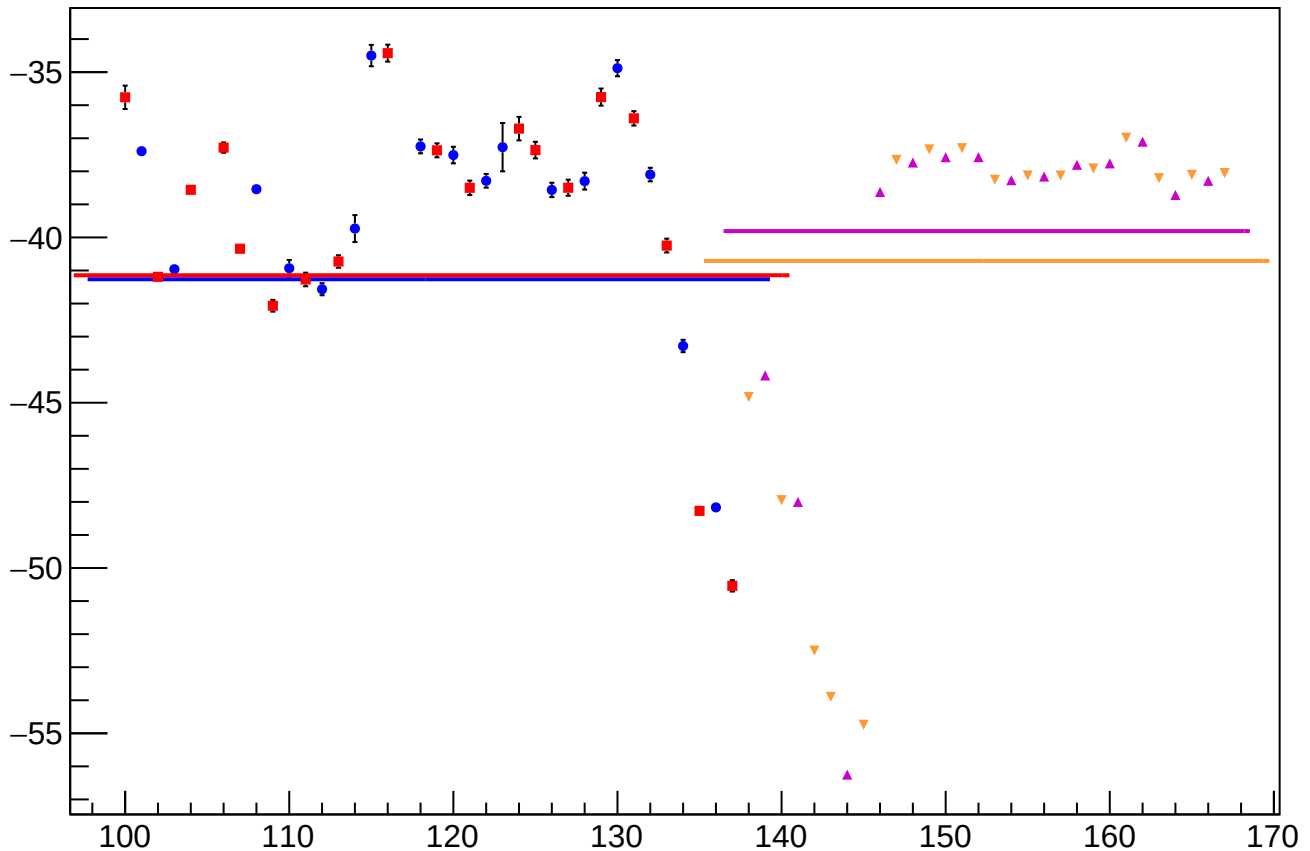
Left In: 15.462+/-0.434 χ^2/NDF : 580.6/13

+ sign 14.591+/-0.358 χ^2/NDF : 1035.2/32

All: 13.993+/-0.259 χ^2/NDF : 2141.6/65

- sign 13.336+/-0.375 χ^2/NDF : 1100.6/32

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF : 12570.1/16

Left Out: -40.711+/-0.020 χ^2/NDF : 78256.8/15

Right Out: -41.144+/-0.039 χ^2/NDF : 12218.7/18

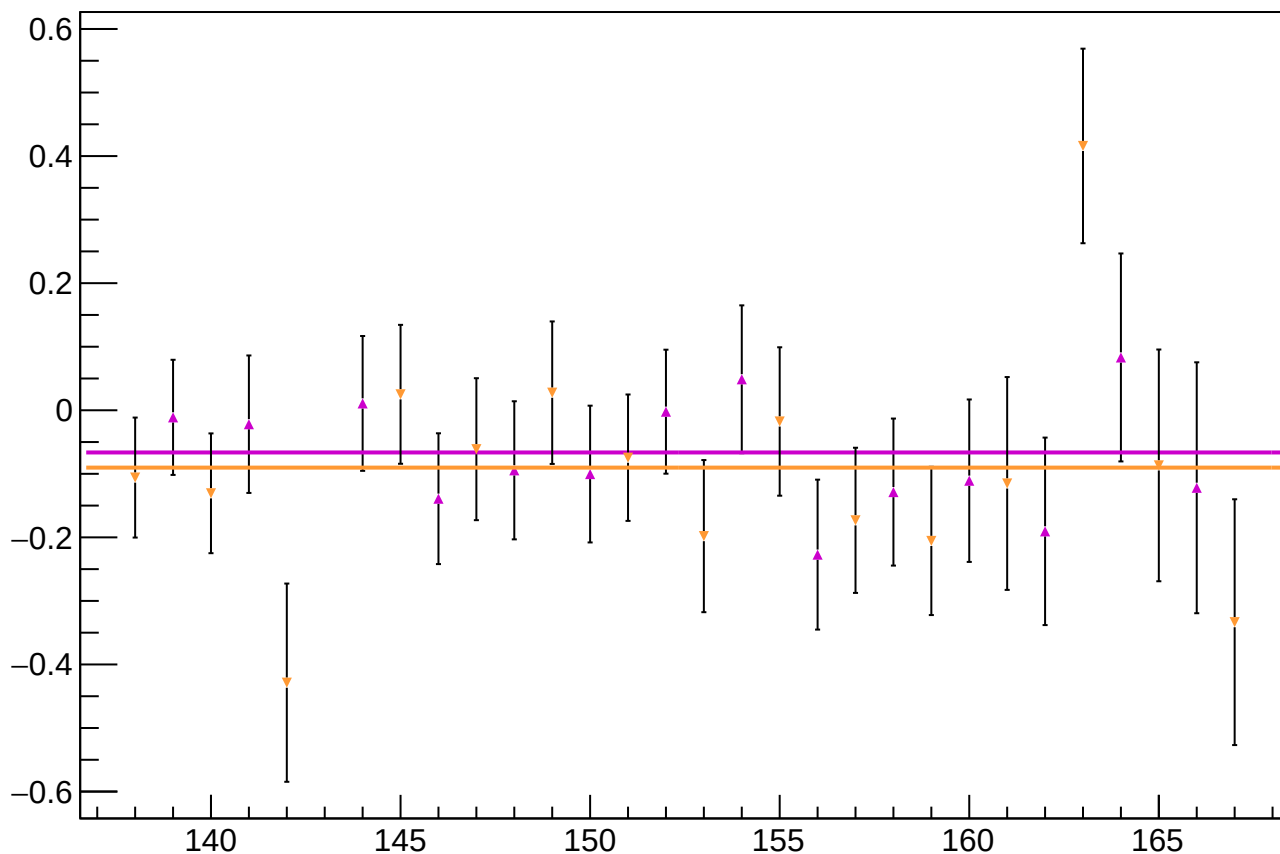
Left In: -39.808+/-0.021 χ^2/NDF : 48865.8/13

+ sign -40.828+/-0.018 χ^2/NDF : 90990.4/32

All: -40.473+/-0.013 χ^2/NDF : 153832.4/65

- sign -40.101+/-0.018 χ^2/NDF : 62018.3/32

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.090 $\pm$ 0.031 χ^2 /NDF: 22.5/14

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

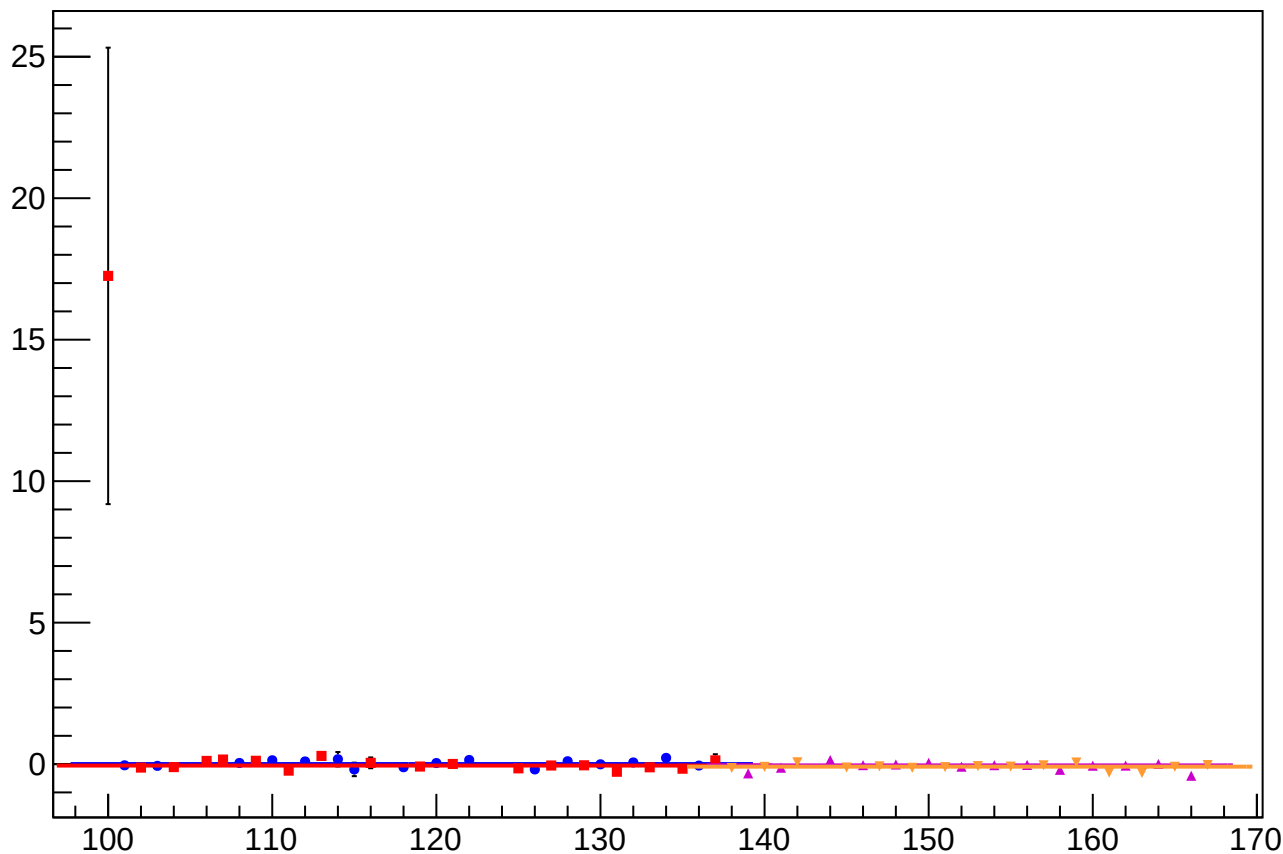
Left In: -0.066 $\pm$ 0.031 χ^2 /NDF: 7.0/13

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

All: -0.078 $\pm$ 0.022 χ^2 /NDF: 29.8/28

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.090 ± 0.022 χ^2/NDF : 13.8/14

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

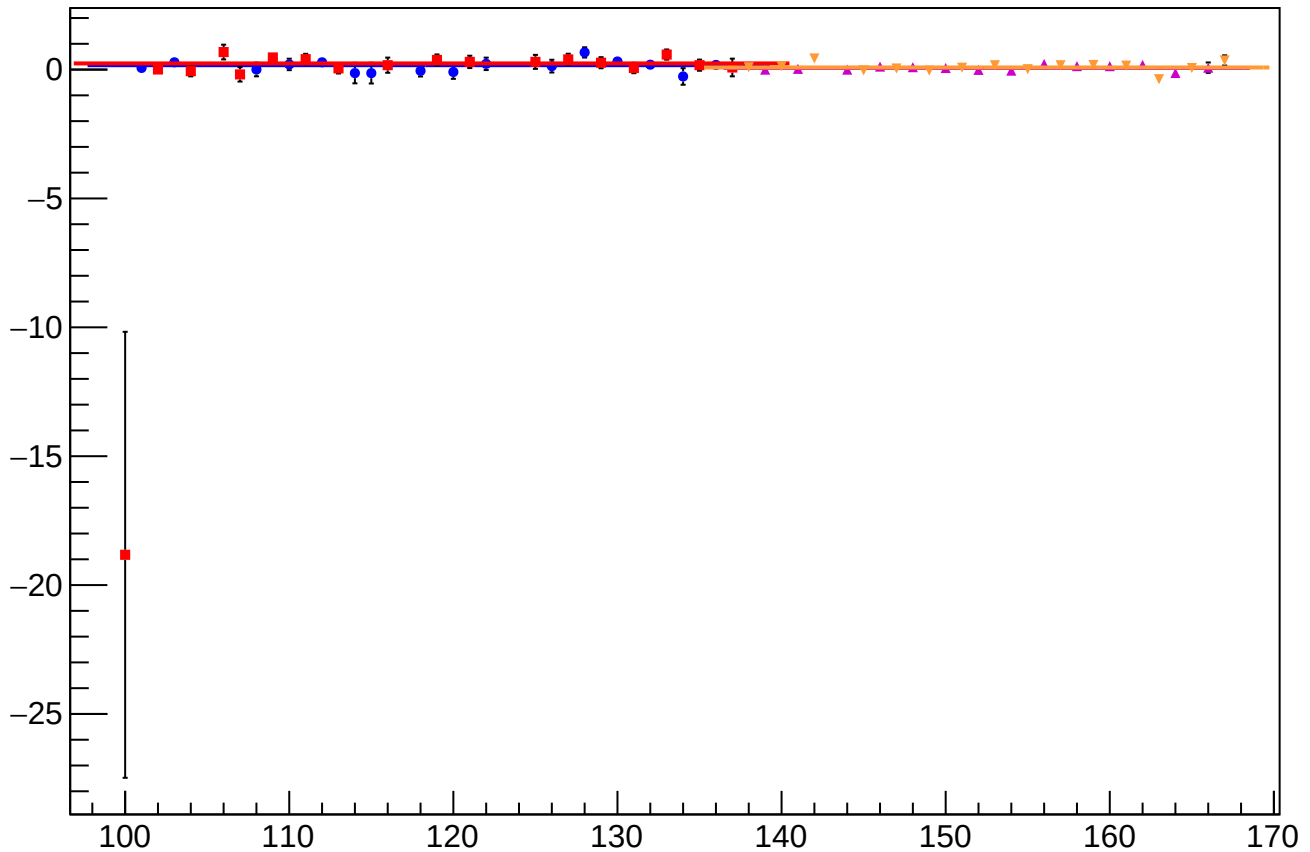
Left In: -0.045 ± 0.022 χ^2/NDF : 20.9/13

+ sign -0.056 ± 0.017 χ^2/NDF : 32.9/30

All: -0.052 ± 0.012 χ^2/NDF : 79.7/62

- sign -0.047 ± 0.017 χ^2/NDF : 46.7/31

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.081 $\pm$ 0.030 χ^2 /NDF: 21.2/14

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

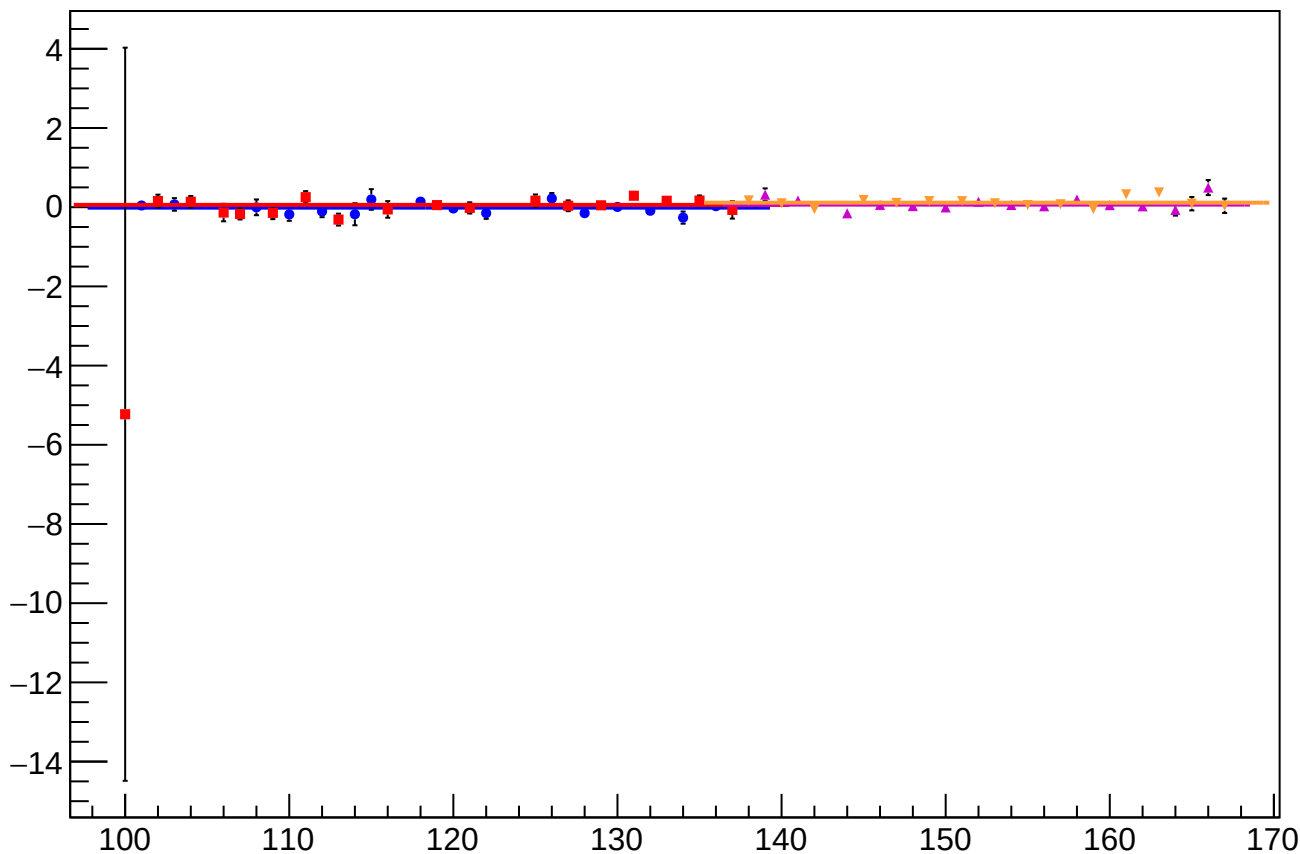
Left In: 0.062 $\pm$ 0.030 χ^2 /NDF: 7.8/13

+ sign 0.104 $\pm$ 0.026 χ^2 /NDF: 37.1/30

All: 0.104 $\pm$ 0.019 χ^2 /NDF: 74.9/62

- sign 0.104 $\pm$ 0.026 χ^2 /NDF: 37.8/31

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.114 ± 0.026 χ^2/NDF : 14.7/14

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

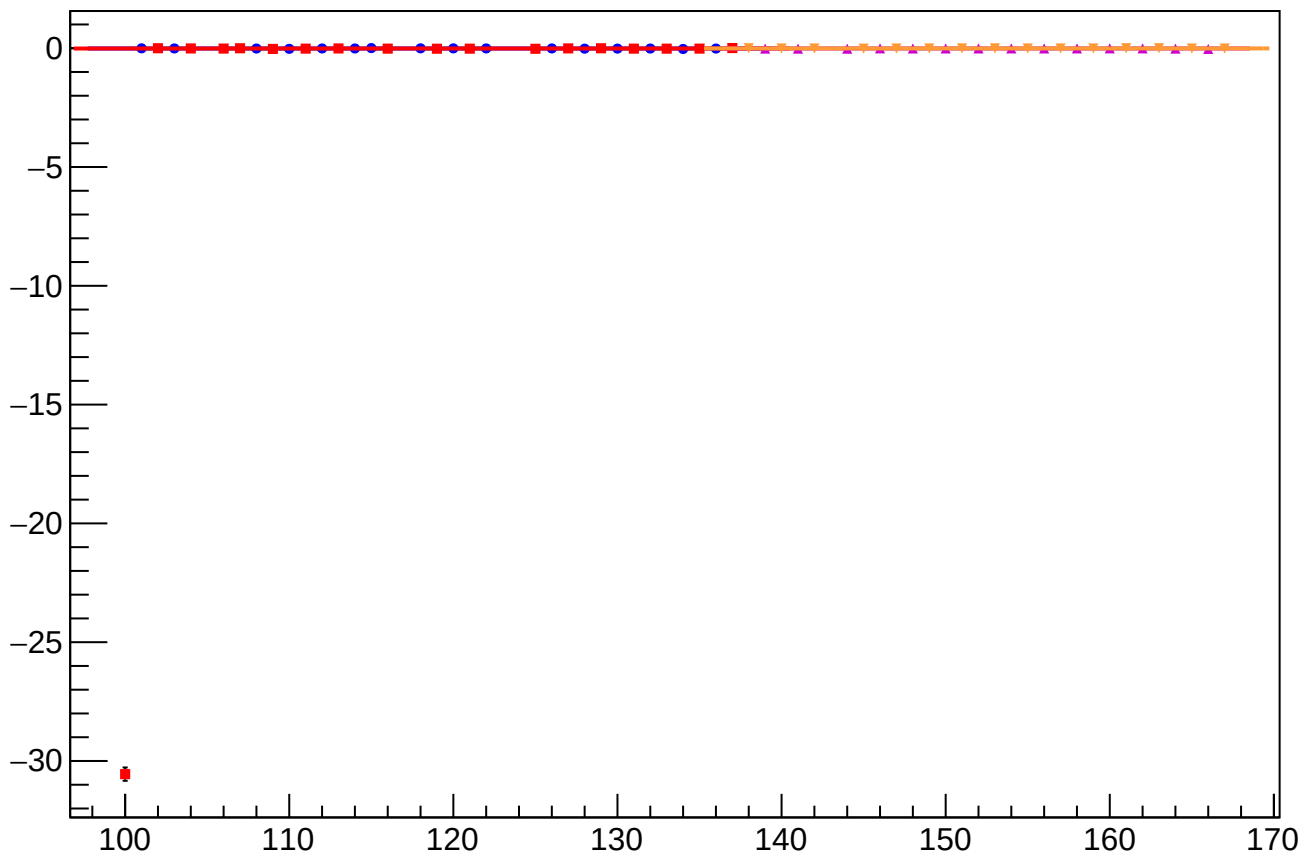
Left In: 0.065 ± 0.026 χ^2/NDF : 20.1/13

+ sign 0.067 ± 0.020 χ^2/NDF : 37.6/30

All: 0.065 ± 0.014 χ^2/NDF : 78.3/62

- sign 0.063 ± 0.020 χ^2/NDF : 40.7/31

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF: 12.5/14

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

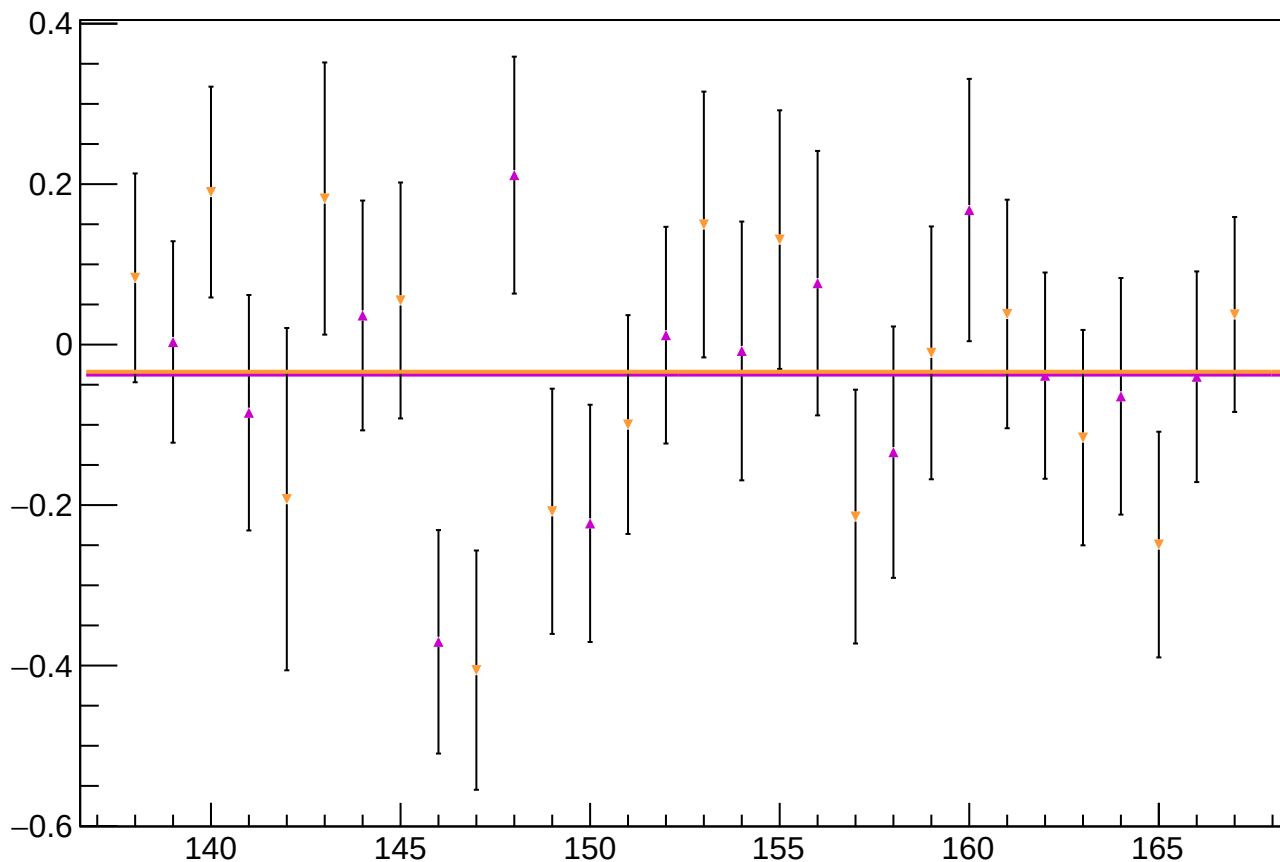
Left In: -0.011 $\pm$ 0.001 χ^2 /NDF: 17.0/13

+ sign -0.009 $\pm$ 0.001 χ^2 /NDF: 28.1/30

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11938.9/62

- sign -0.011 $\pm$ 0.001 χ^2 /NDF: 11908.8/31

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.034 $\pm$ 0.037 χ^2 /NDF: 20.9/15

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

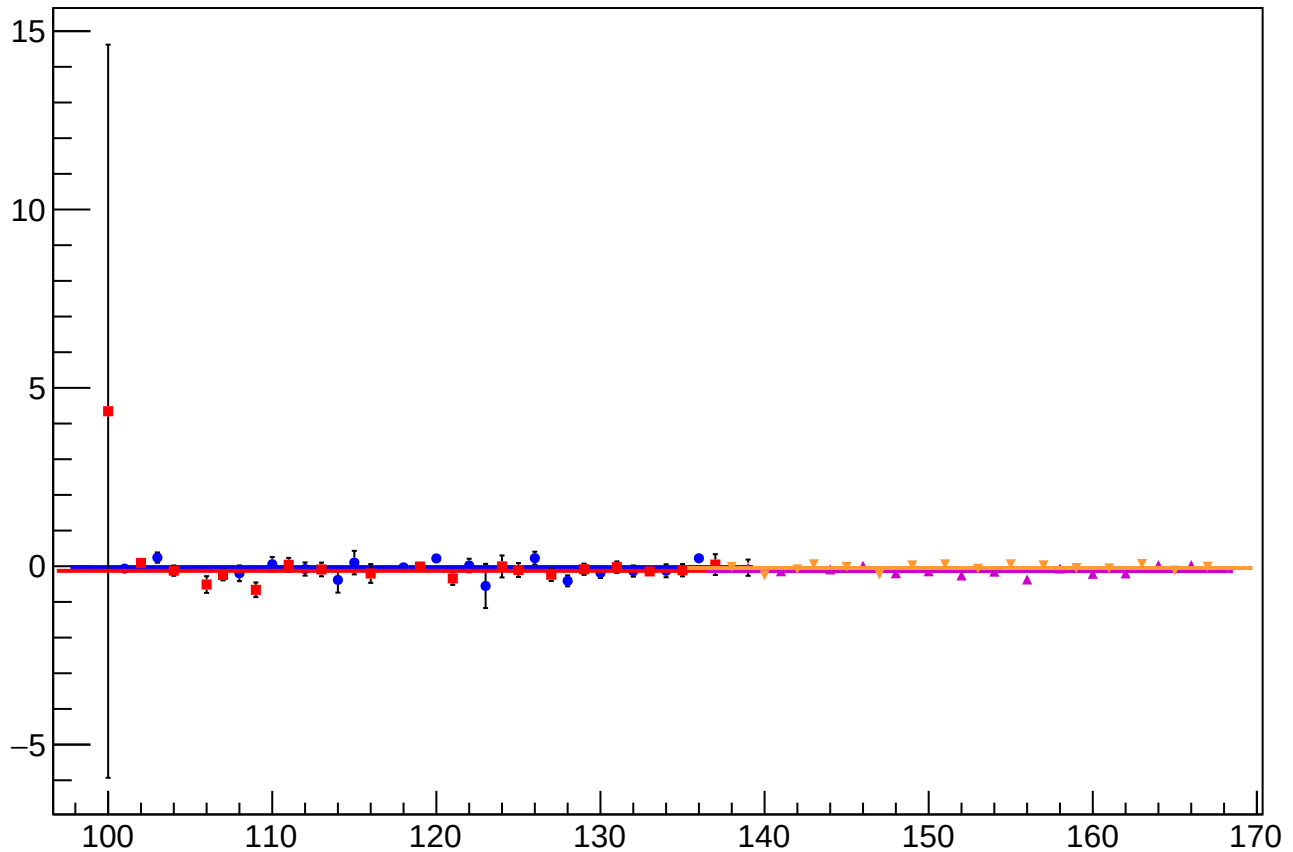
Left In: -0.037 $\pm$ 0.039 χ^2 /NDF: 13.2/13

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

All: -0.036 $\pm$ 0.027 χ^2 /NDF: 34.2/29

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

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.050 ± 0.026 χ^2/NDF : 16.5/15

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

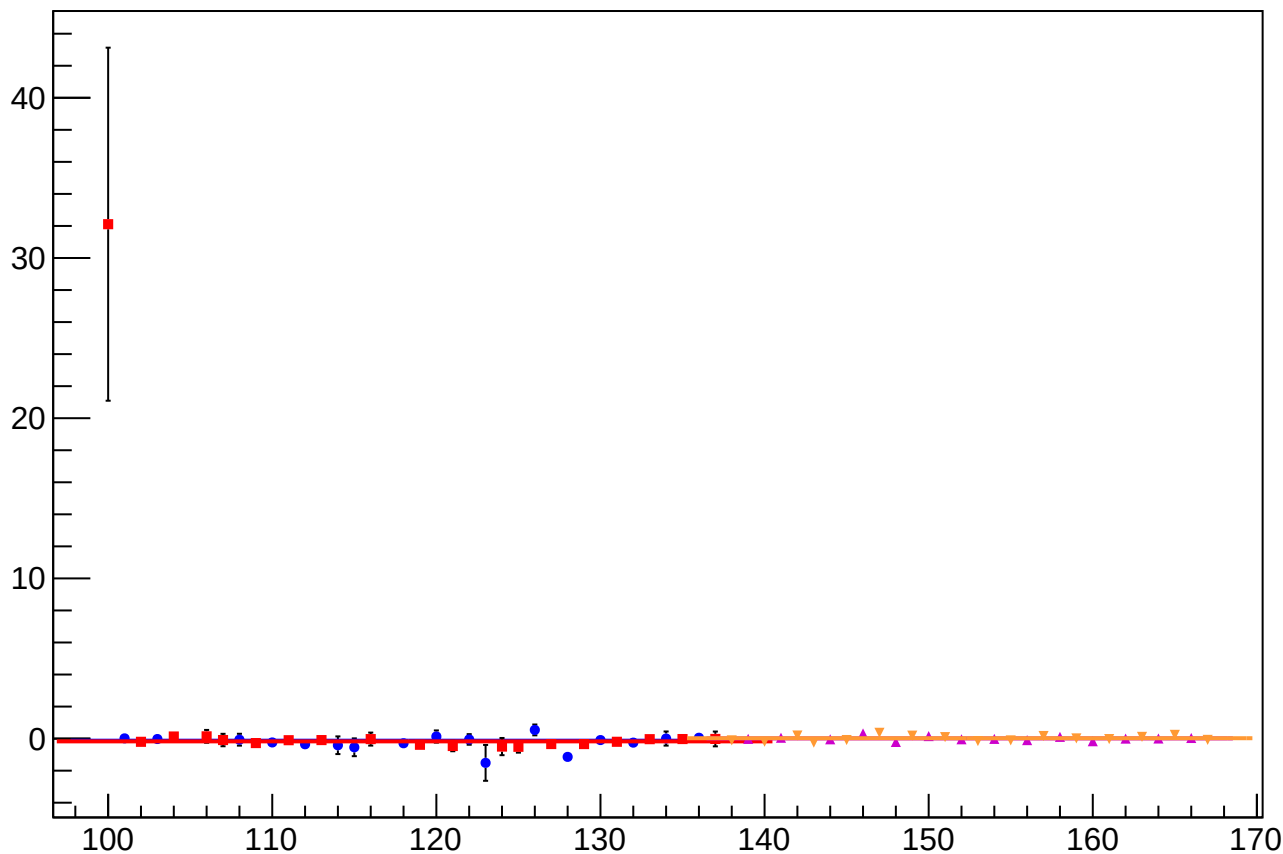
Left In: -0.134 ± 0.028 χ^2/NDF : 15.2/13

+ sign -0.041 ± 0.021 χ^2/NDF : 40.2/32

All: -0.084 ± 0.016 χ^2/NDF : 81.6/65

- sign -0.132 ± 0.023 χ^2/NDF : 32.9/32

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.025 ± 0.036 χ^2/NDF : 20.8/15

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

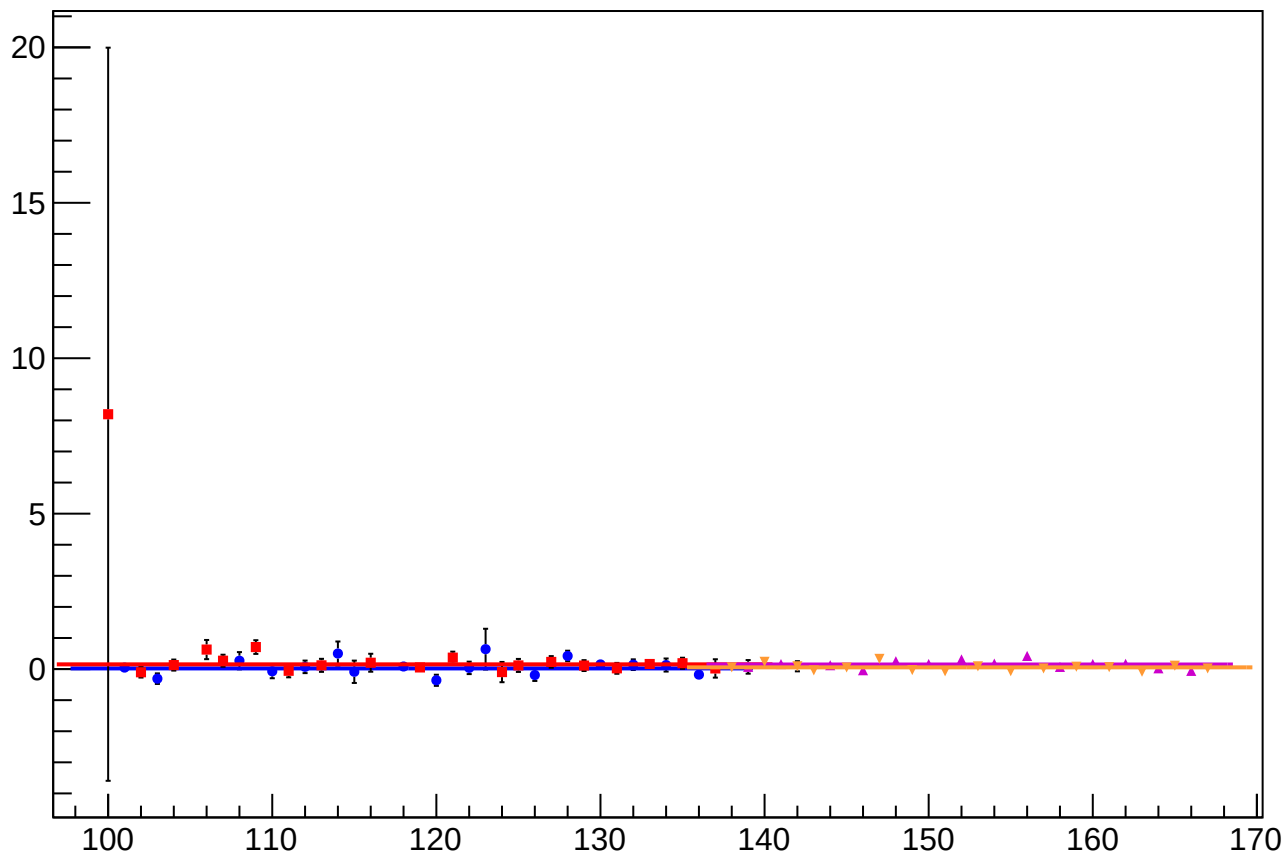
Left In: 0.013 ± 0.038 χ^2/NDF : 11.9/13

+ sign -0.010 ± 0.032 χ^2/NDF : 48.6/32

All: -0.019 ± 0.023 χ^2/NDF : 80.9/65

- sign -0.028 ± 0.033 χ^2/NDF : 32.2/32

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.055 ± 0.030 χ^2/NDF : 15.4/15

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

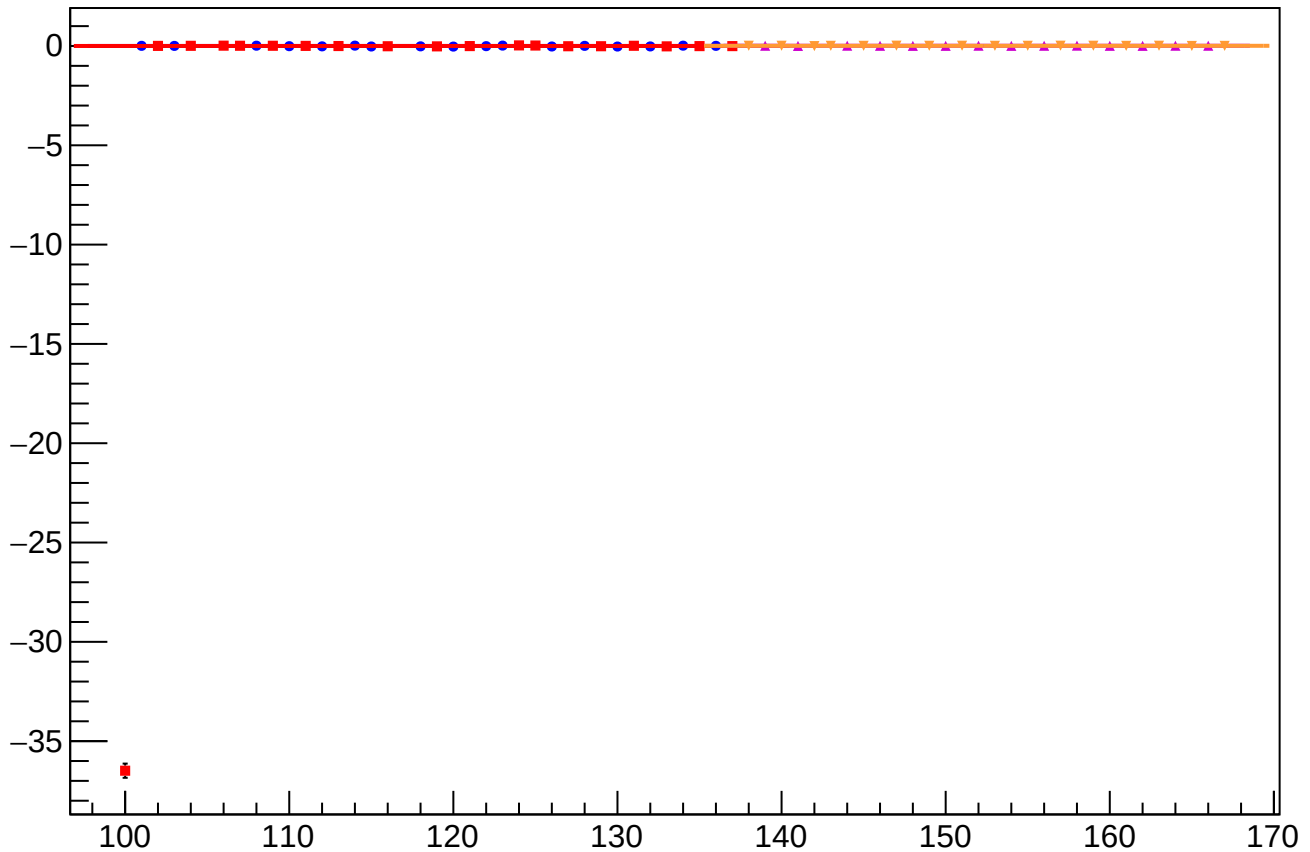
Left In: 0.147 ± 0.032 χ^2/NDF : 14.9/13

+ sign 0.043 ± 0.025 χ^2/NDF : 38.3/32

All: 0.093 ± 0.018 χ^2/NDF : 78.0/65

- sign 0.149 ± 0.026 χ^2/NDF : 31.1/32

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF: 9.5/15

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

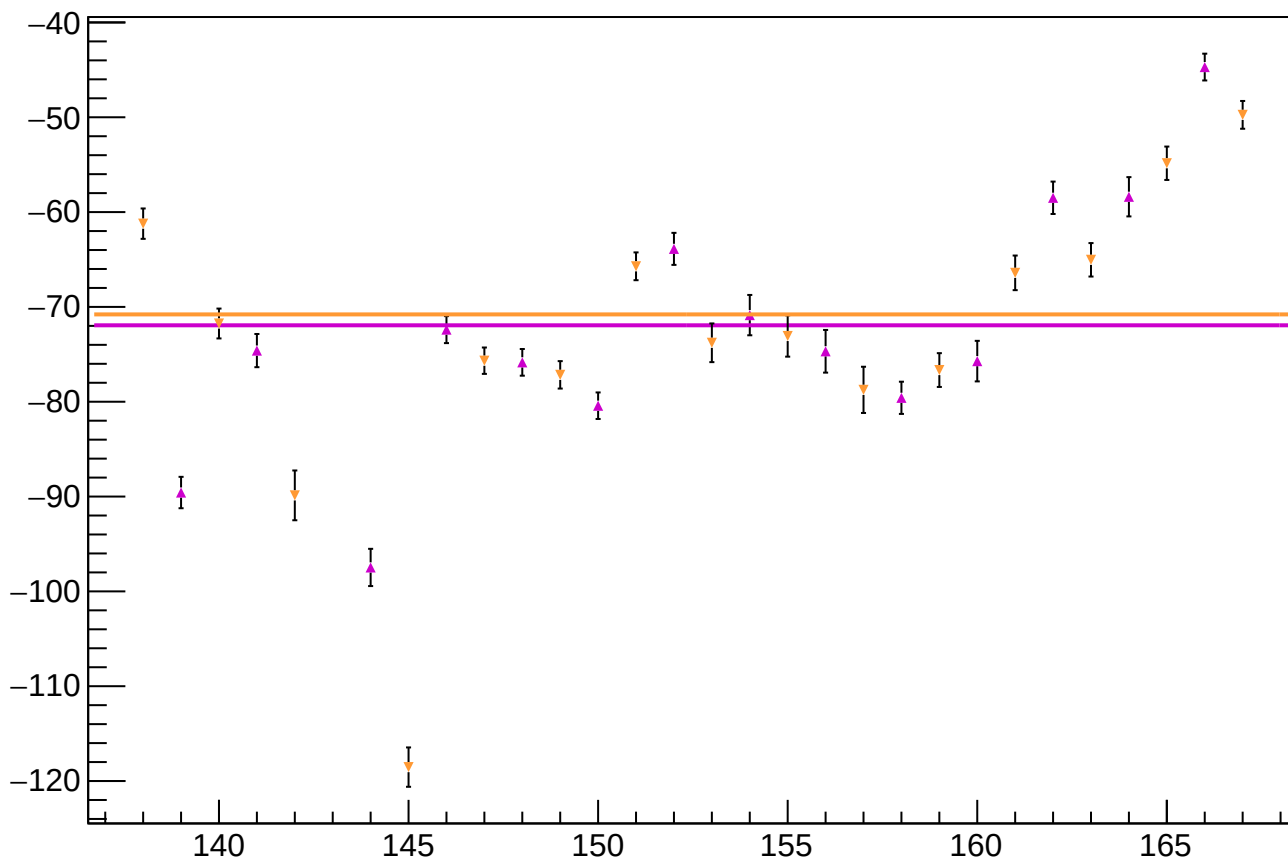
Left In: 0.011 $\pm$ 0.001 χ^2 /NDF: 5.9/13

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 51.9/32

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10521.5/65

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10469.2/32

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -70.790+/-0.448 χ^2/NDF : 991.1/14

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

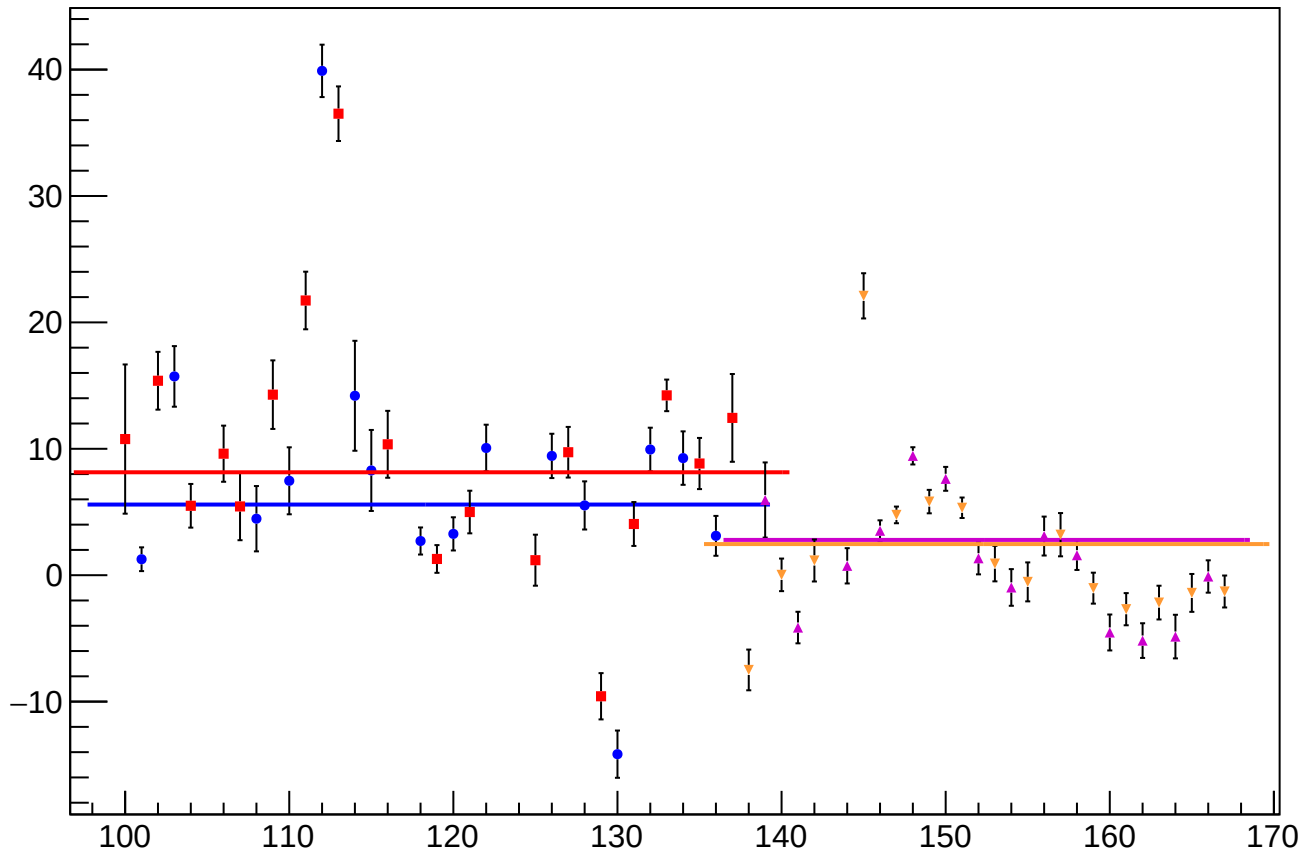
Left In: -71.939+/-0.453 χ^2/NDF : 854.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.359+/-0.319 χ^2/NDF : 1848.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 ± 0.424 χ^2/NDF : 462.8/15

Left Out: 2.462 ± 0.304 χ^2/NDF : 258.1/14

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

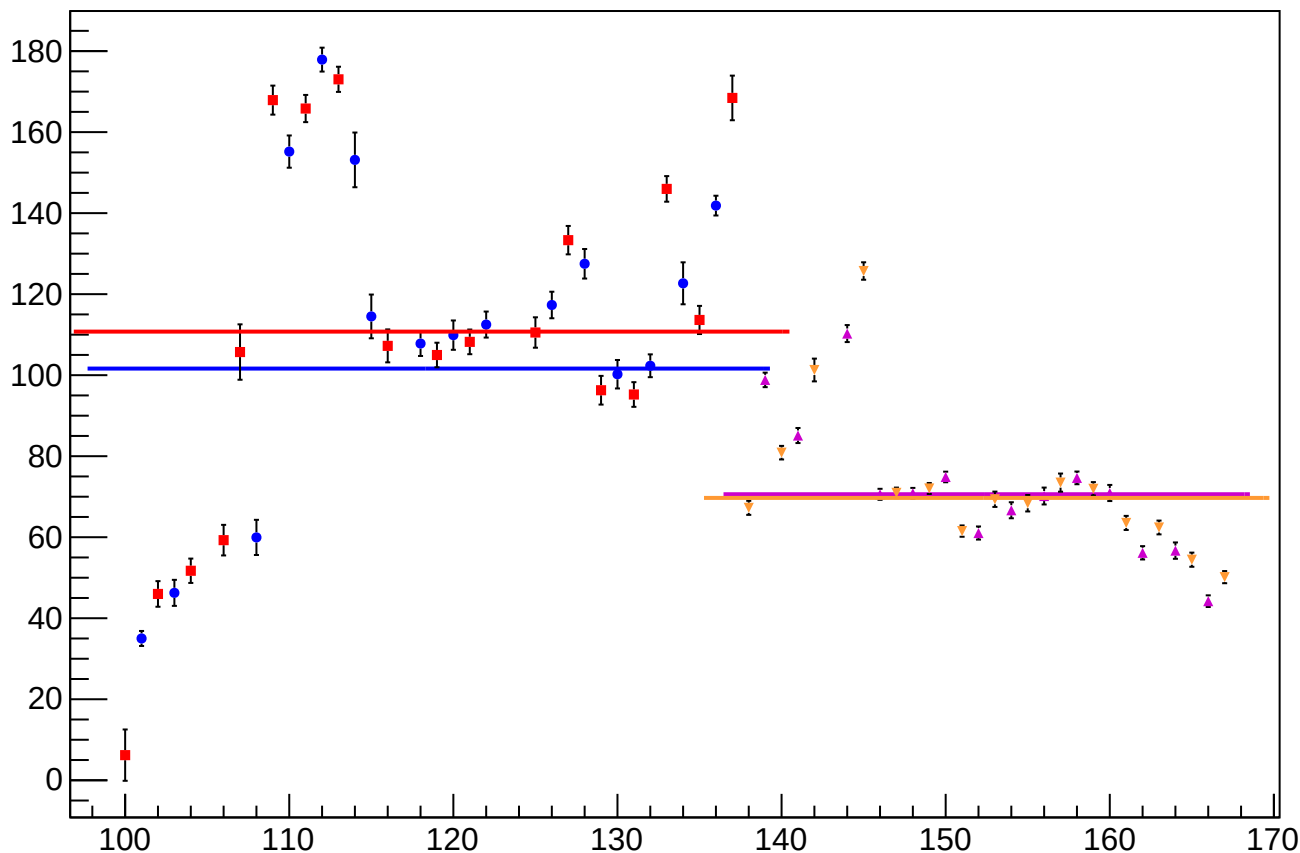
Left In: 2.791 ± 0.313 χ^2/NDF : 250.3/13

+ sign 3.524 ± 0.247 χ^2/NDF : 756.9/30

All: 3.999 ± 0.178 χ^2/NDF : 1516.9/62

- sign 4.515 ± 0.257 χ^2/NDF : 752.3/31

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 69.702 $\pm$ 0.438 χ^2 /NDF:1168.9/14

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

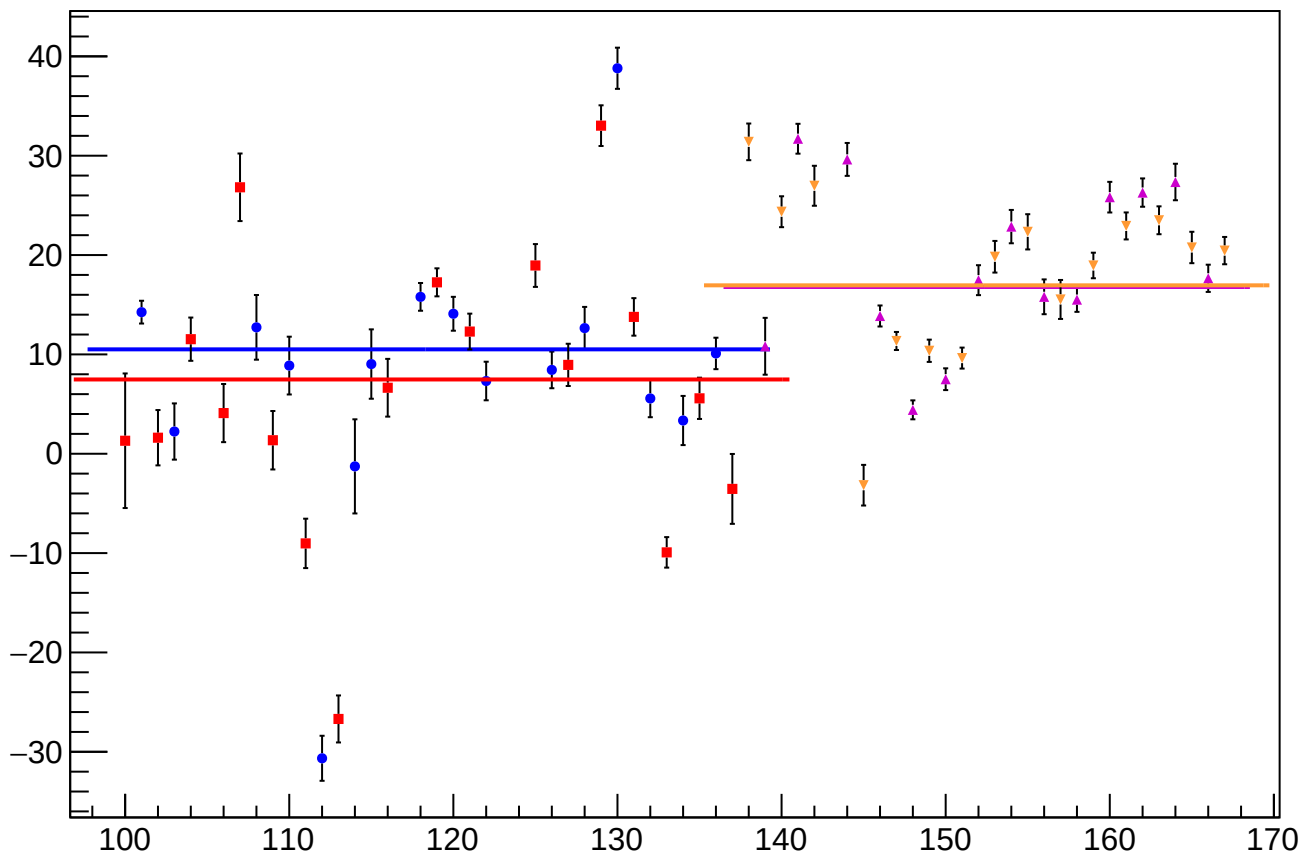
Left In: 70.610 $\pm$ 0.441 χ^2 /NDF:1183.3/13

+ sign 76.967 $\pm$ 0.385 χ^2 /NDF: 5357.1/30

All: 78.135 $\pm$ 0.274 χ^2 /NDF: 10876.2/62

- sign 79.332 $\pm$ 0.390 χ^2 /NDF: 5500.5/31

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 16.953 $\pm$ 0.361 χ^2 /NDF: 394.9/14

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

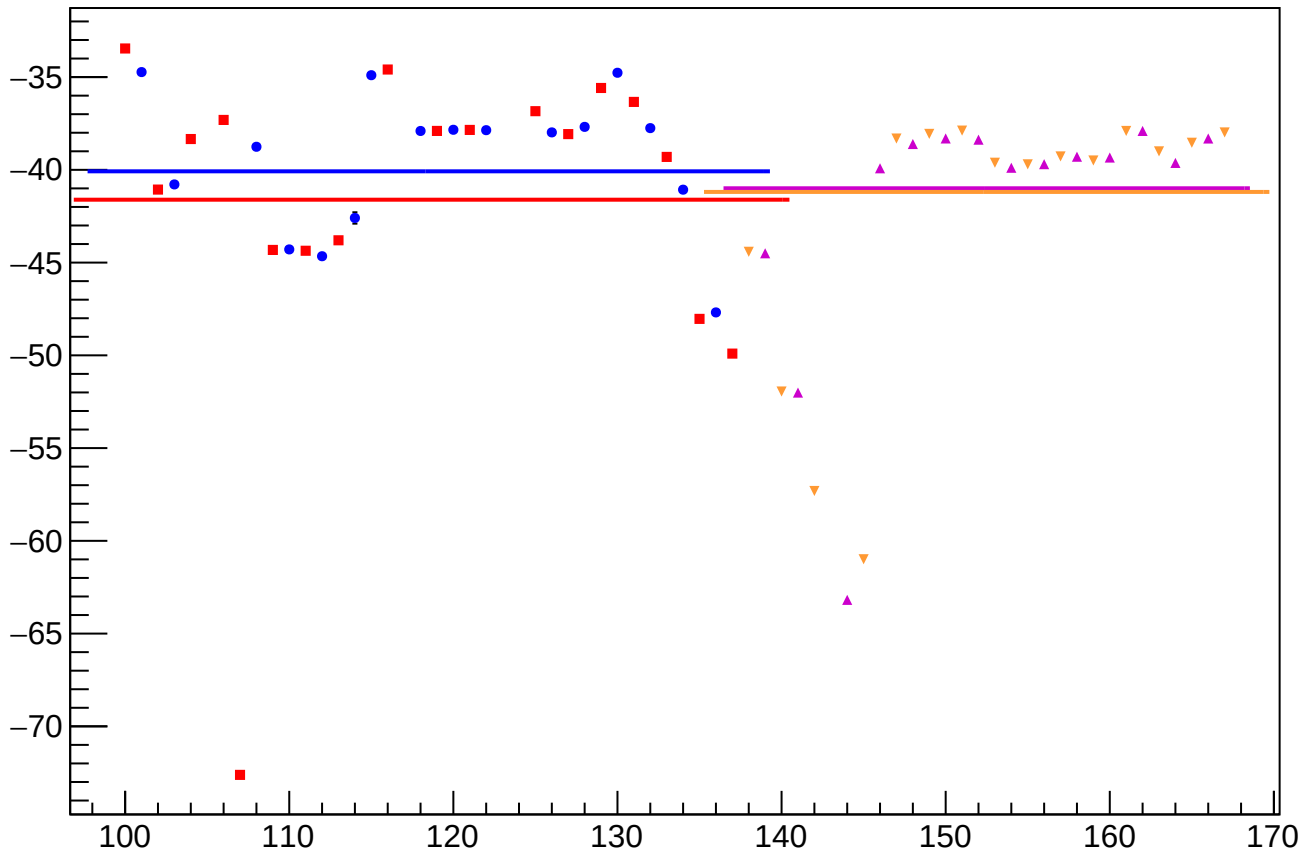
Left In: 16.785 $\pm$ 0.371 χ^2 /NDF: 537.7/13

+ sign 14.694 $\pm$ 0.291 χ^2 /NDF: 1087.9/30

All: 14.207 $\pm$ 0.210 χ^2 /NDF: 2531.0/62

- sign 13.681 $\pm$ 0.303 χ^2 /NDF: 1437.3/31

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -41.190 ± 0.018 χ^2/NDF : 116178.2/14

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

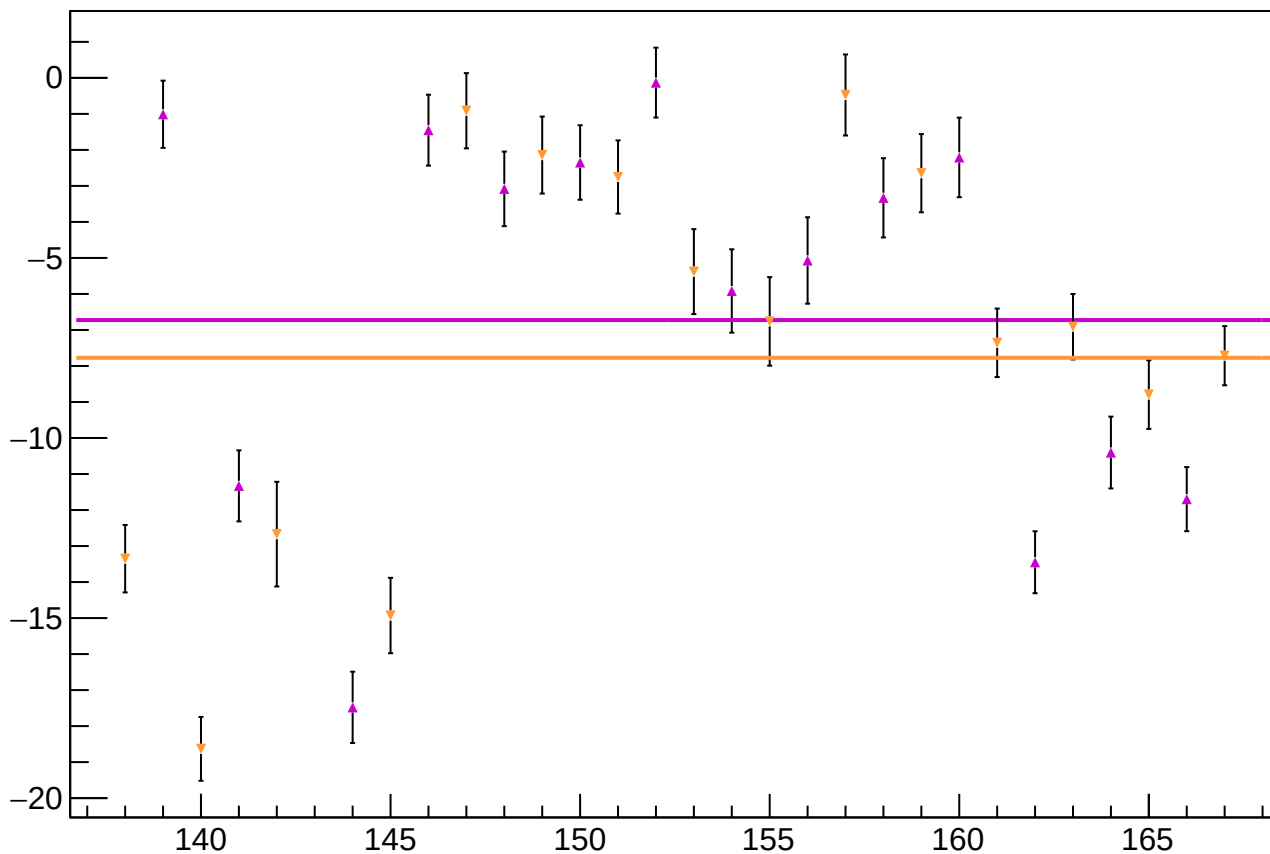
Left In: -40.994 ± 0.018 χ^2/NDF : 94887.6/13

+ sign -40.880 ± 0.015 χ^2/NDF : 142420.1/30

All: -41.021 ± 0.011 χ^2/NDF : 299608.2/62

- sign -41.164 ± 0.015 χ^2/NDF : 157007.7/31

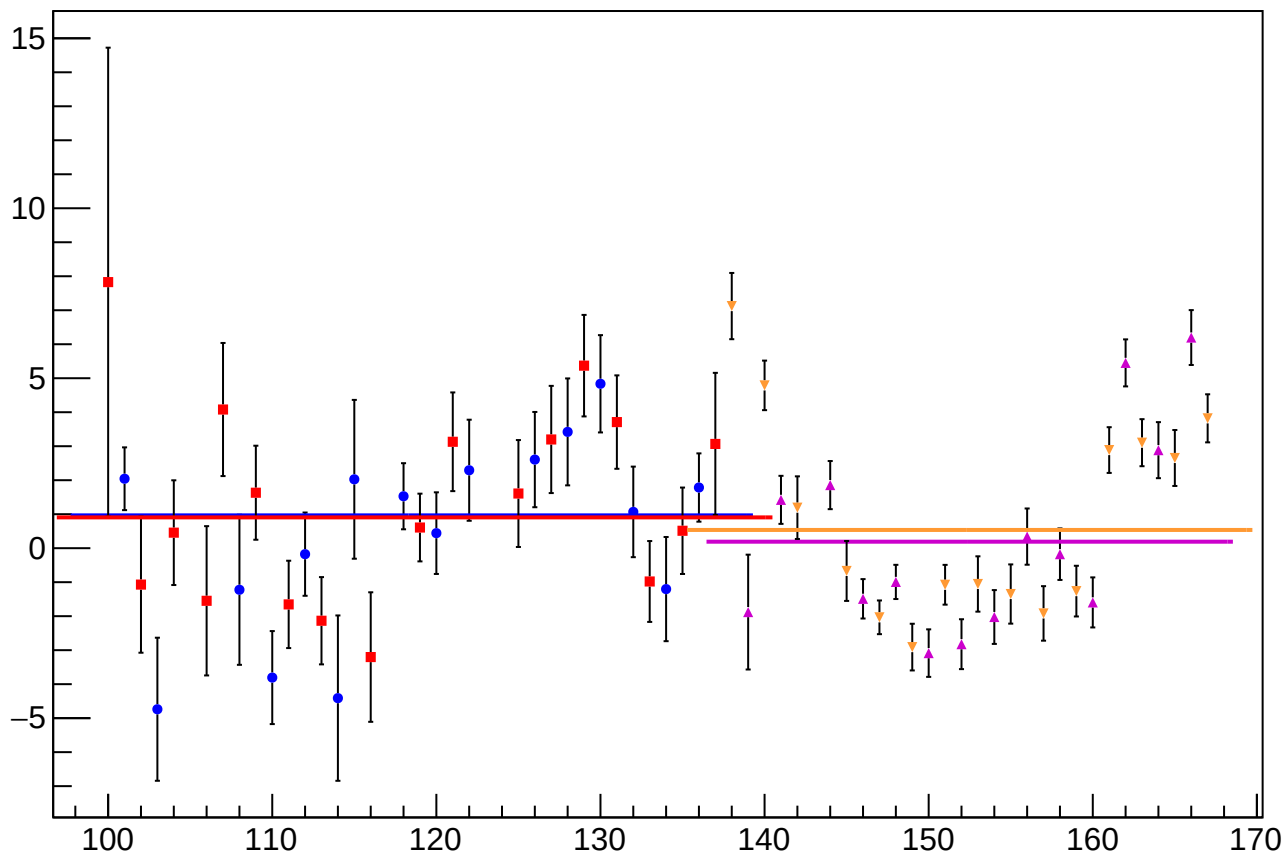
reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.772+/-0.263 χ^2/NDF : 410.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.725+/-0.269 χ^2/NDF : 416.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.260+/-0.188 χ^2/NDF : 834.8/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 $\pm$ 0.338 χ^2/NDF : 42.9/15

Left Out: 0.537 $\pm$ 0.187 χ^2/NDF : 219.6/14

Right Out: 0.906 $\pm$ 0.354 χ^2/NDF : 42.0/17

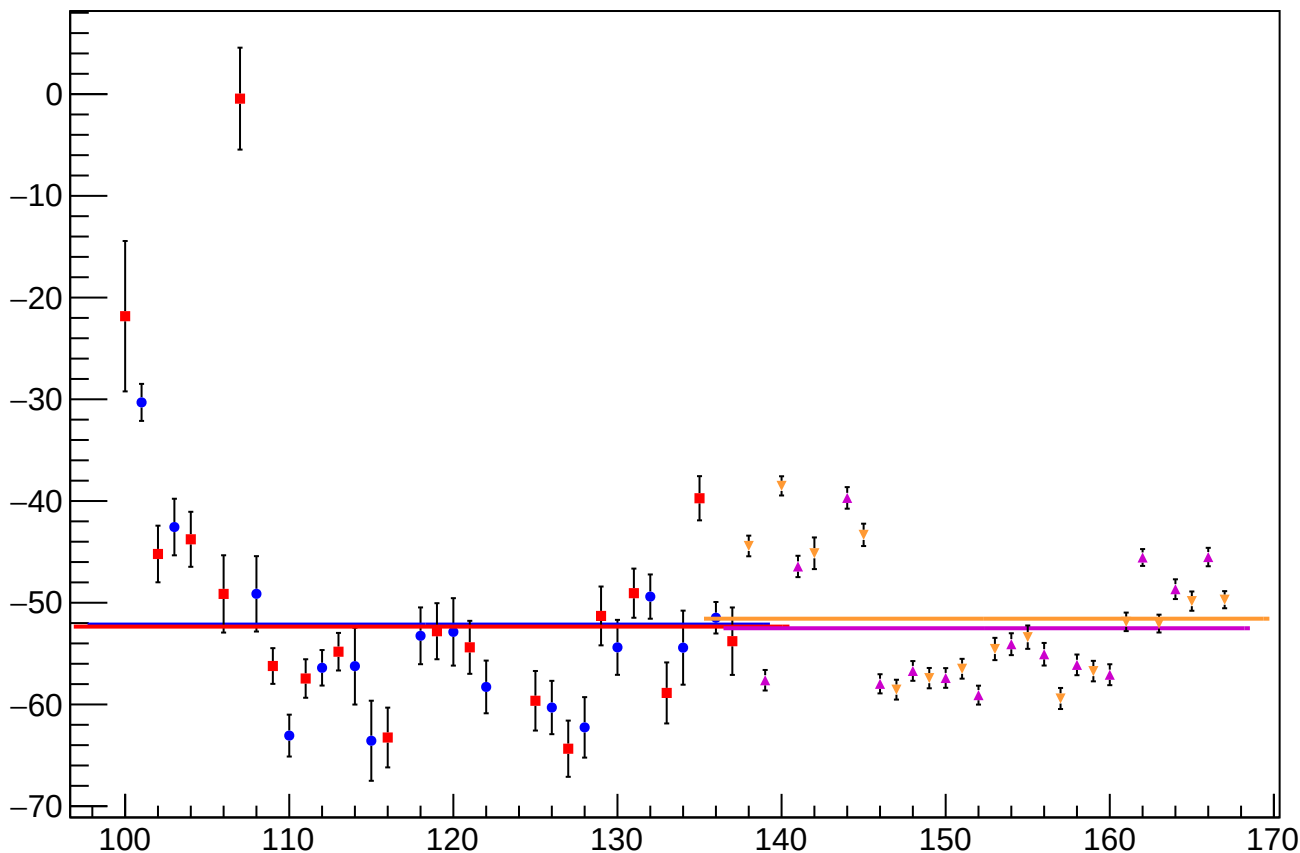
Left In: 0.191 $\pm$ 0.193 χ^2/NDF : 200.7/13

+ sign 0.637 $\pm$ 0.164 χ^2/NDF : 263.8/30

All: 0.501 $\pm$ 0.118 χ^2/NDF : 511.1/62

- sign 0.355 $\pm$ 0.169 χ^2/NDF : 245.8/31

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -51.568 ± 0.258 χ^2/NDF : 527.1/14

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

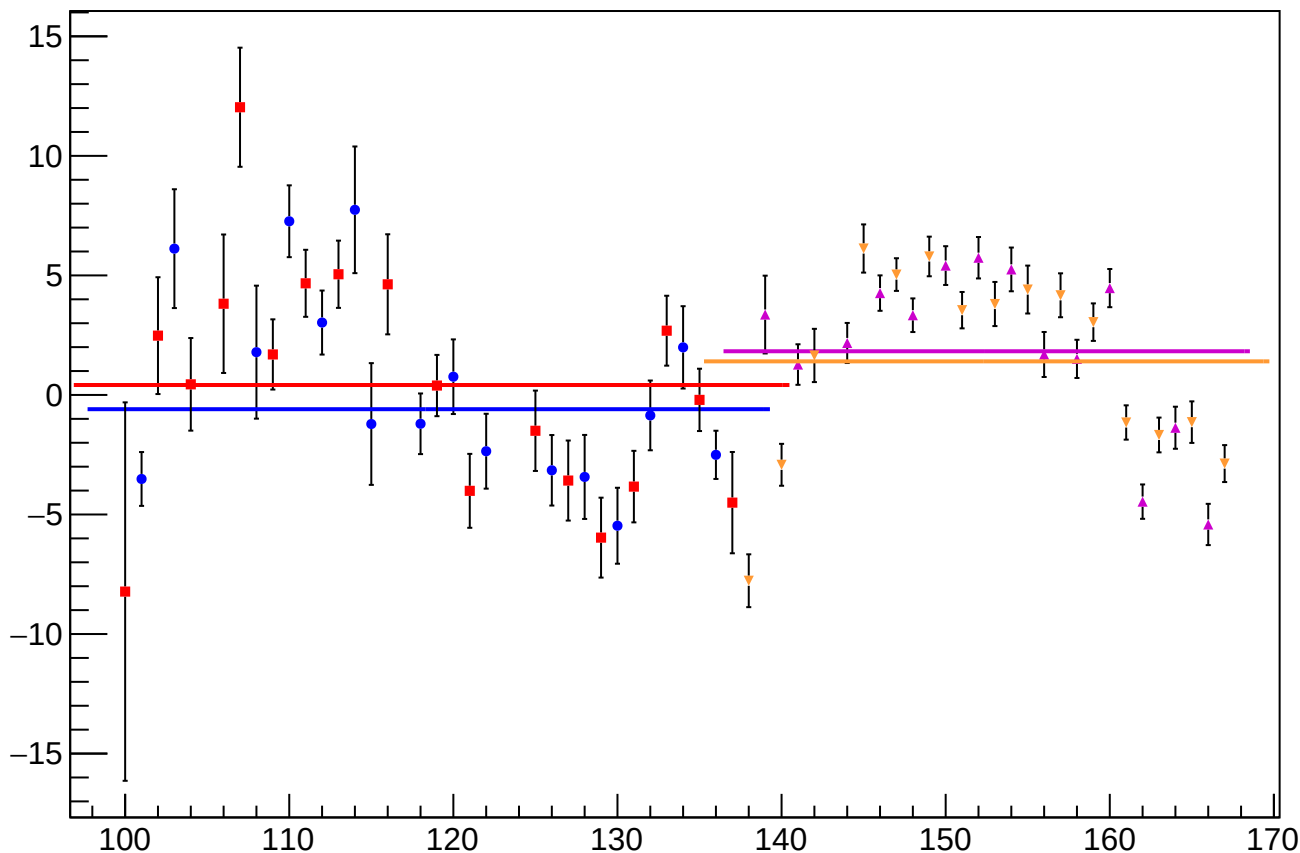
Left In: -52.509 ± 0.262 χ^2/NDF : 518.8/13

+ sign -51.656 ± 0.238 χ^2/NDF : 758.0/30

All: -52.064 ± 0.169 χ^2/NDF : 1518.6/62

- sign -52.484 ± 0.241 χ^2/NDF : 754.5/31

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 1.405 ± 0.218 χ^2/NDF : 278.5/14

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

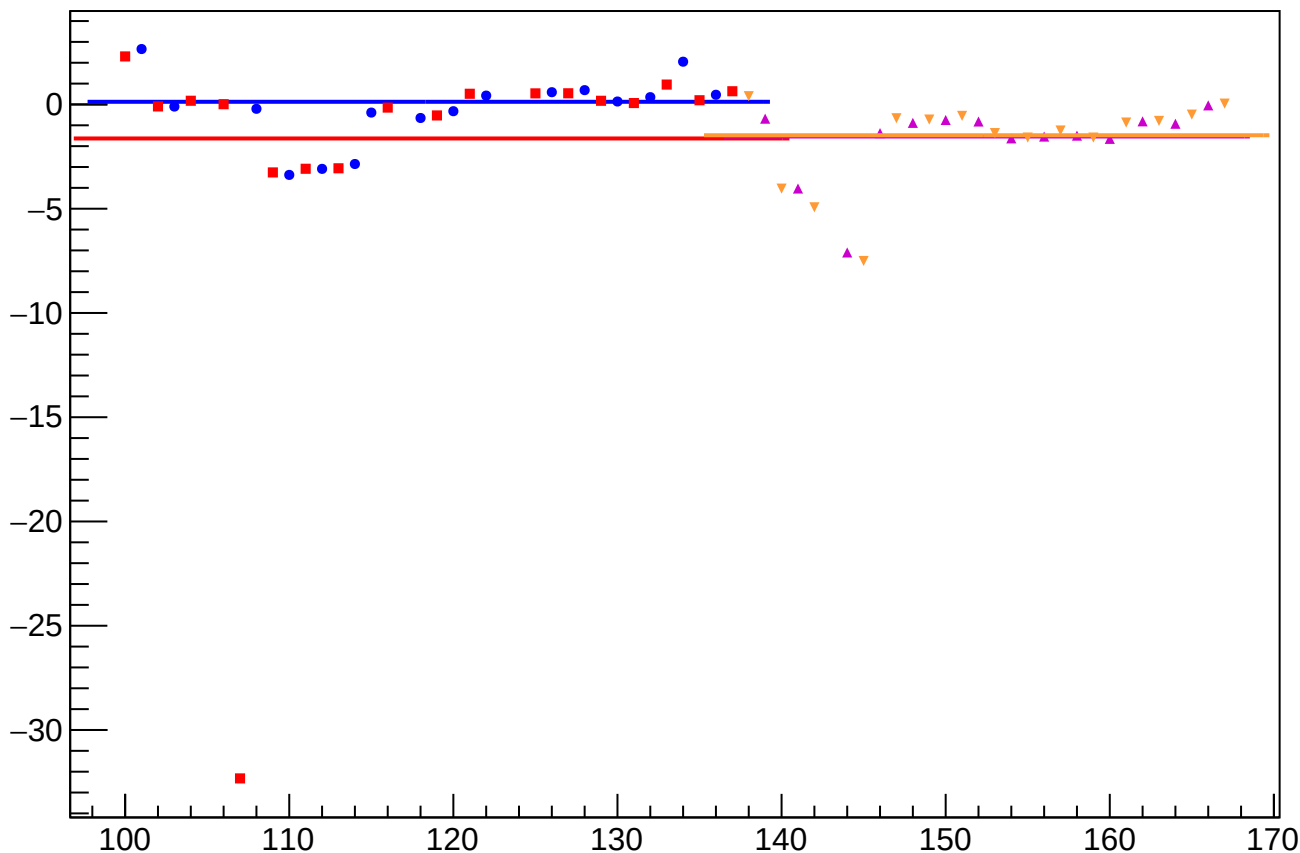
Left In: 1.827 ± 0.224 χ^2/NDF : 242.1/13

+ sign 0.917 ± 0.190 χ^2/NDF : 381.6/30

All: 1.195 ± 0.136 χ^2/NDF : 733.5/62

- sign 1.490 ± 0.195 χ^2/NDF : 347.4/31

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -1.477 ± 0.010 $\chi^2/\text{NDF}: 33174.9/14$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

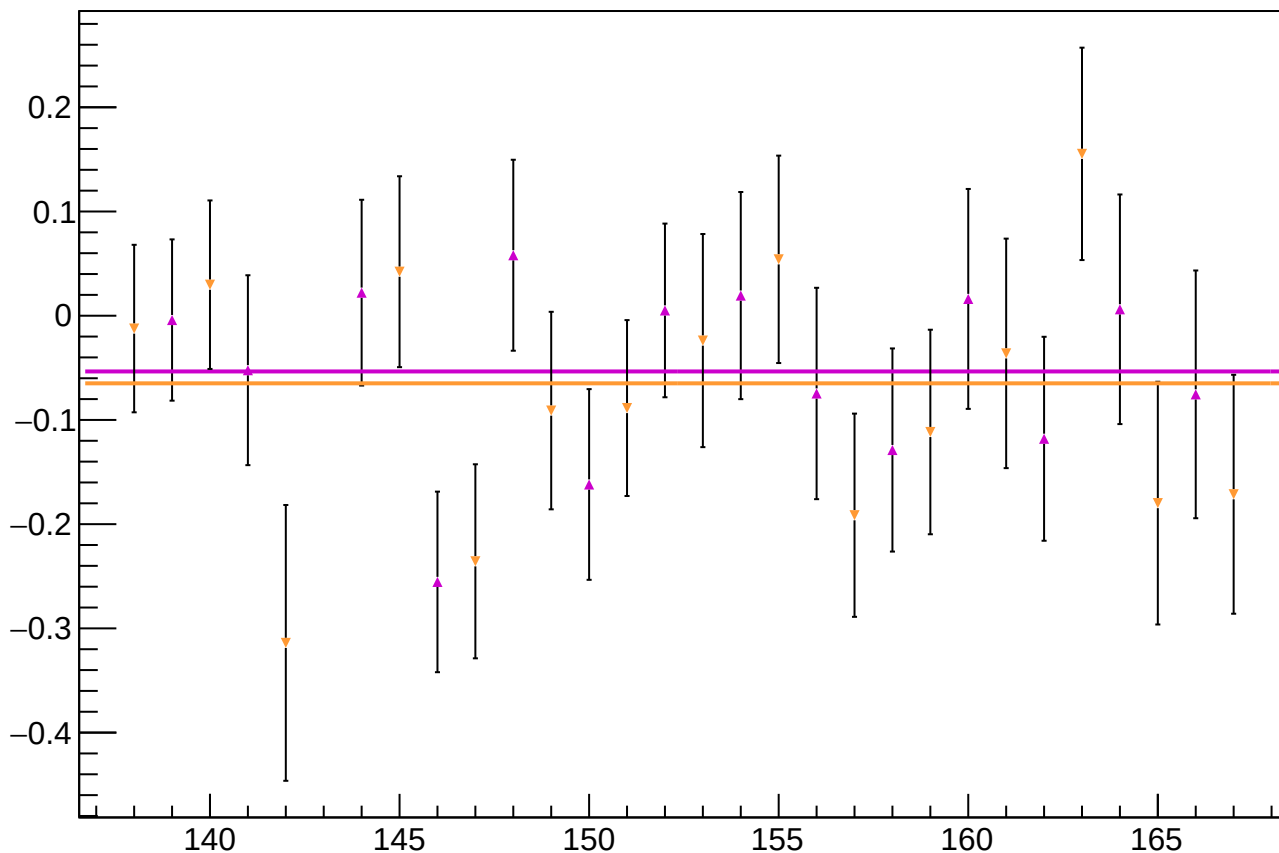
Left In: -1.537 ± 0.010 $\chi^2/\text{NDF}: 21607.2/13$

+ sign -1.183 ± 0.009 $\chi^2/\text{NDF}: 42983.1/30$

All: -1.365 ± 0.007 $\chi^2/\text{NDF}: 143283.2/62$

- sign -1.554 ± 0.009 $\chi^2/\text{NDF}: 99501.0/31$

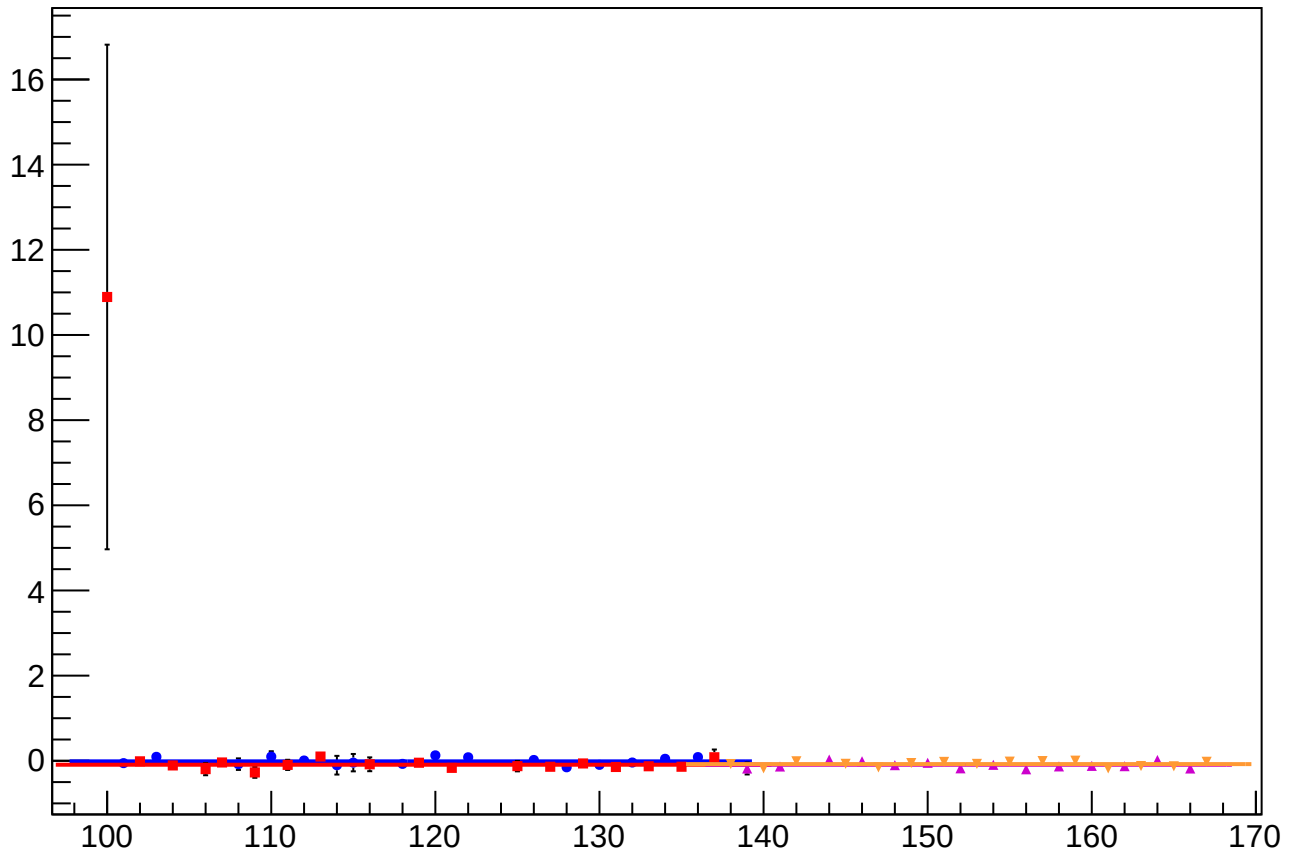
reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.065 $\pm$ 0.025 χ^2 /NDF: 20.3/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.053 $\pm$ 0.025 χ^2 /NDF: 12.3/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.059 $\pm$ 0.018 χ^2 /NDF: 32.7/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.078 ± 0.018 χ^2/NDF : 13.0/14

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

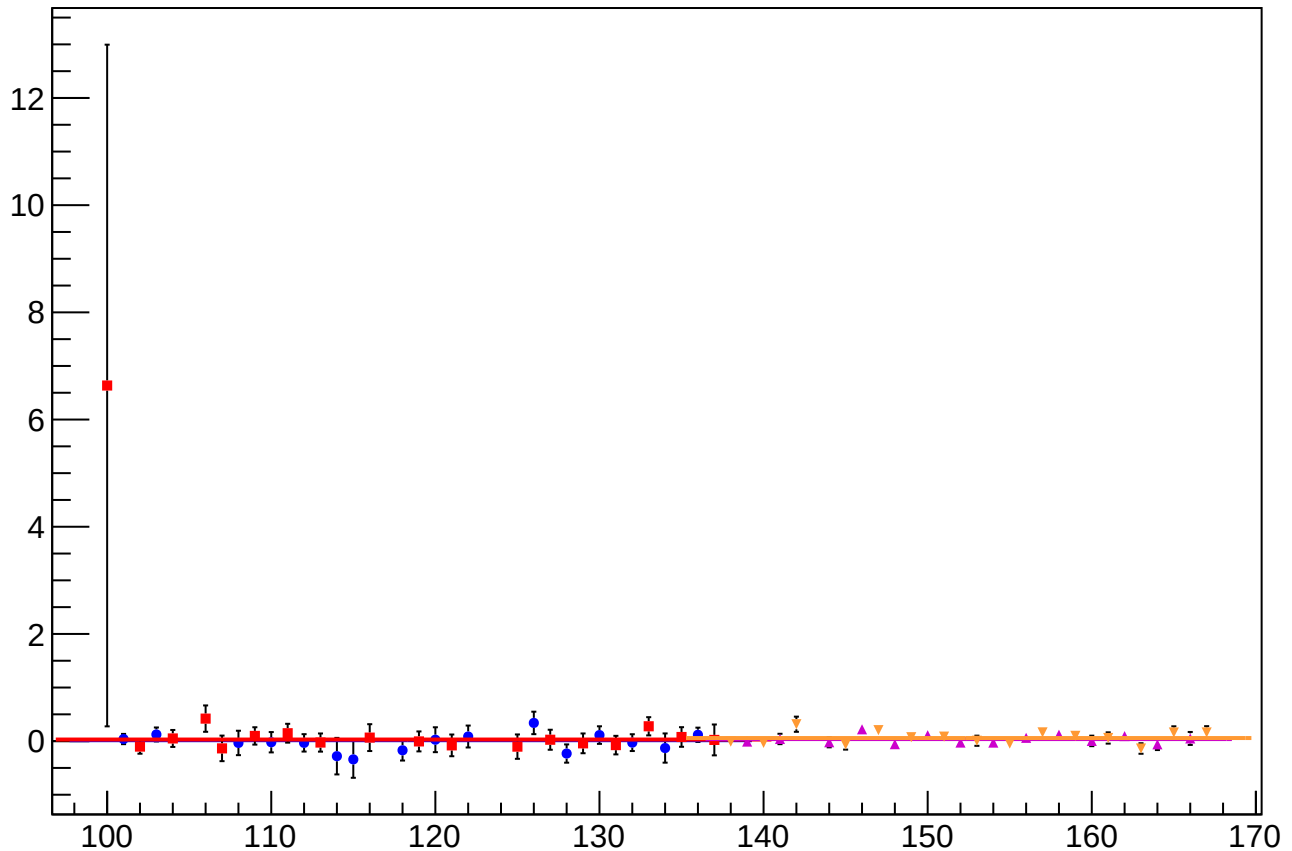
Left In: -0.093 ± 0.018 χ^2/NDF : 14.4/13

+ sign -0.054 ± 0.014 χ^2/NDF : 30.2/30

All: -0.073 ± 0.010 χ^2/NDF : 61.0/62

- sign -0.093 ± 0.014 χ^2/NDF : 27.1/31

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 9.6/15

Left Out: 0.058 ± 0.025 χ^2/NDF : 18.2/14

Right Out: 0.030 ± 0.045 χ^2/NDF : 9.2/17

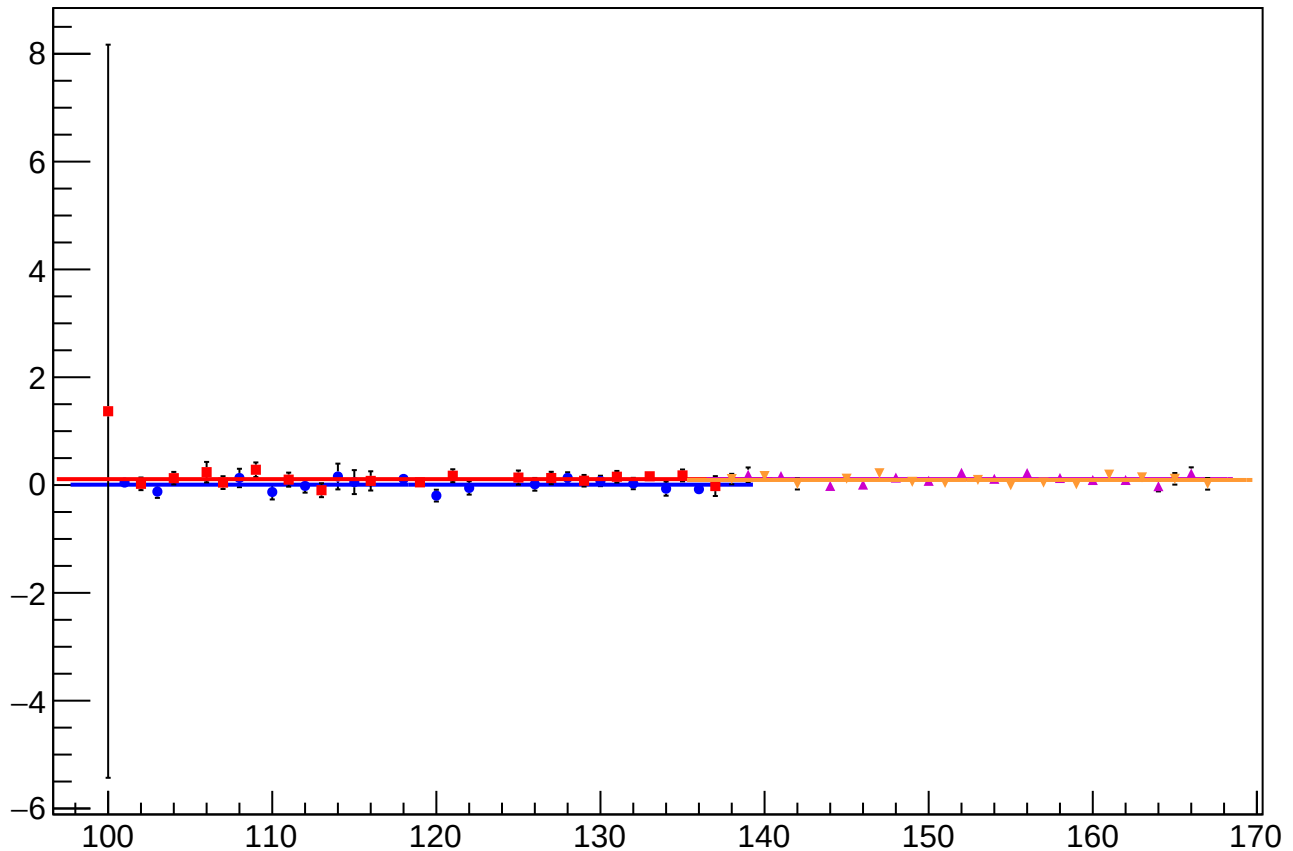
Left In: 0.039 ± 0.025 χ^2/NDF : 10.8/13

+ sign 0.048 ± 0.021 χ^2/NDF : 28.5/30

All: 0.042 ± 0.015 χ^2/NDF : 48.7/62

- sign 0.037 ± 0.022 χ^2/NDF : 20.0/31

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.094 $\pm$ 0.021 χ^2 /NDF: 12.0/14

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

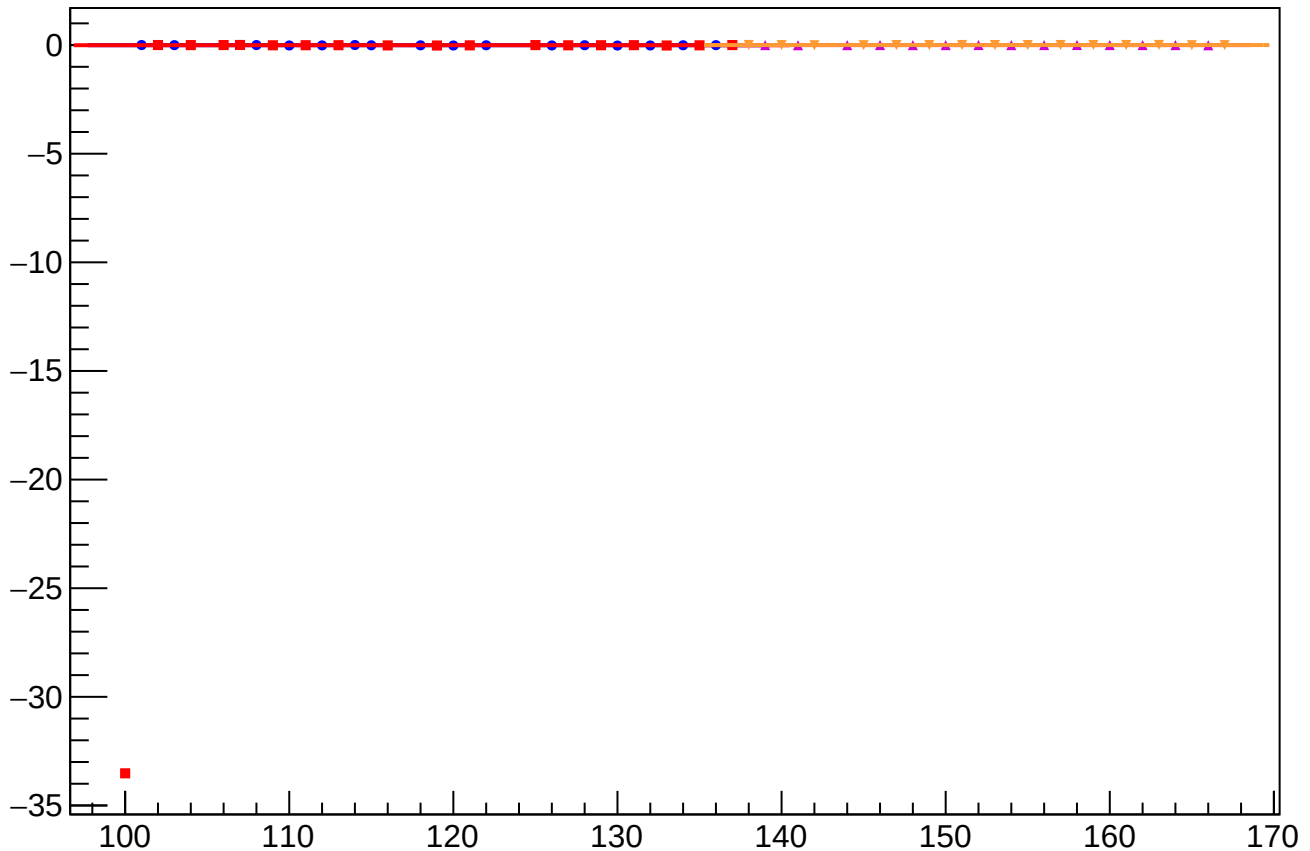
Left In: 0.111 $\pm$ 0.021 χ^2 /NDF: 13.7/13

+ sign 0.062 $\pm$ 0.016 χ^2 /NDF: 30.7/30

All: 0.085 $\pm$ 0.012 χ^2 /NDF: 56.7/62

- sign 0.111 $\pm$ 0.017 χ^2 /NDF: 21.7/31

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 22.6/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 11.1/14

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

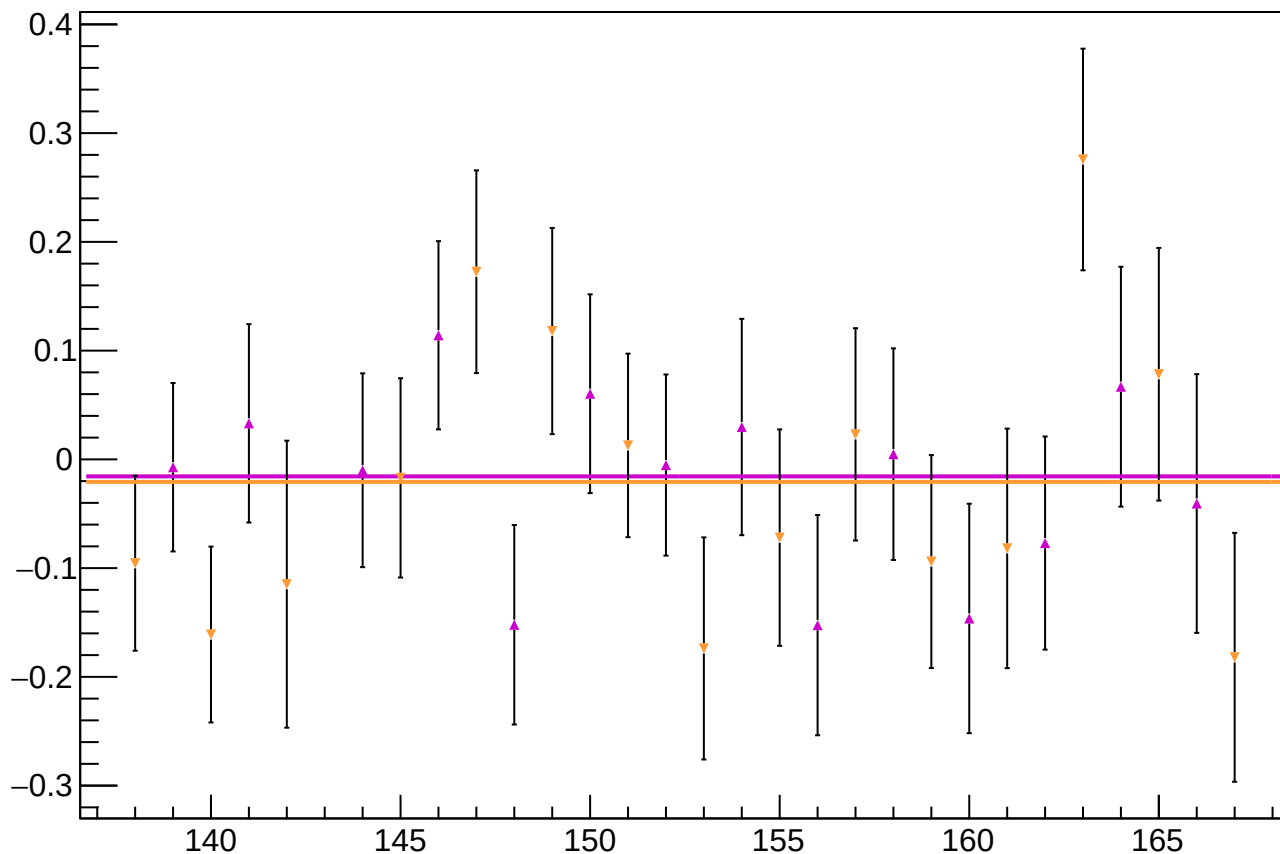
Left In: -0.000 ± 0.001 χ^2/NDF : 10.0/13

+ sign -0.001 ± 0.001 χ^2/NDF : 47.5/30

All: -0.001 ± 0.001 χ^2/NDF : 26578.0/62

- sign -0.002 ± 0.001 χ^2/NDF : 26529.8/31

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.021 $\pm$ 0.025 χ^2 /NDF:25.7/14

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

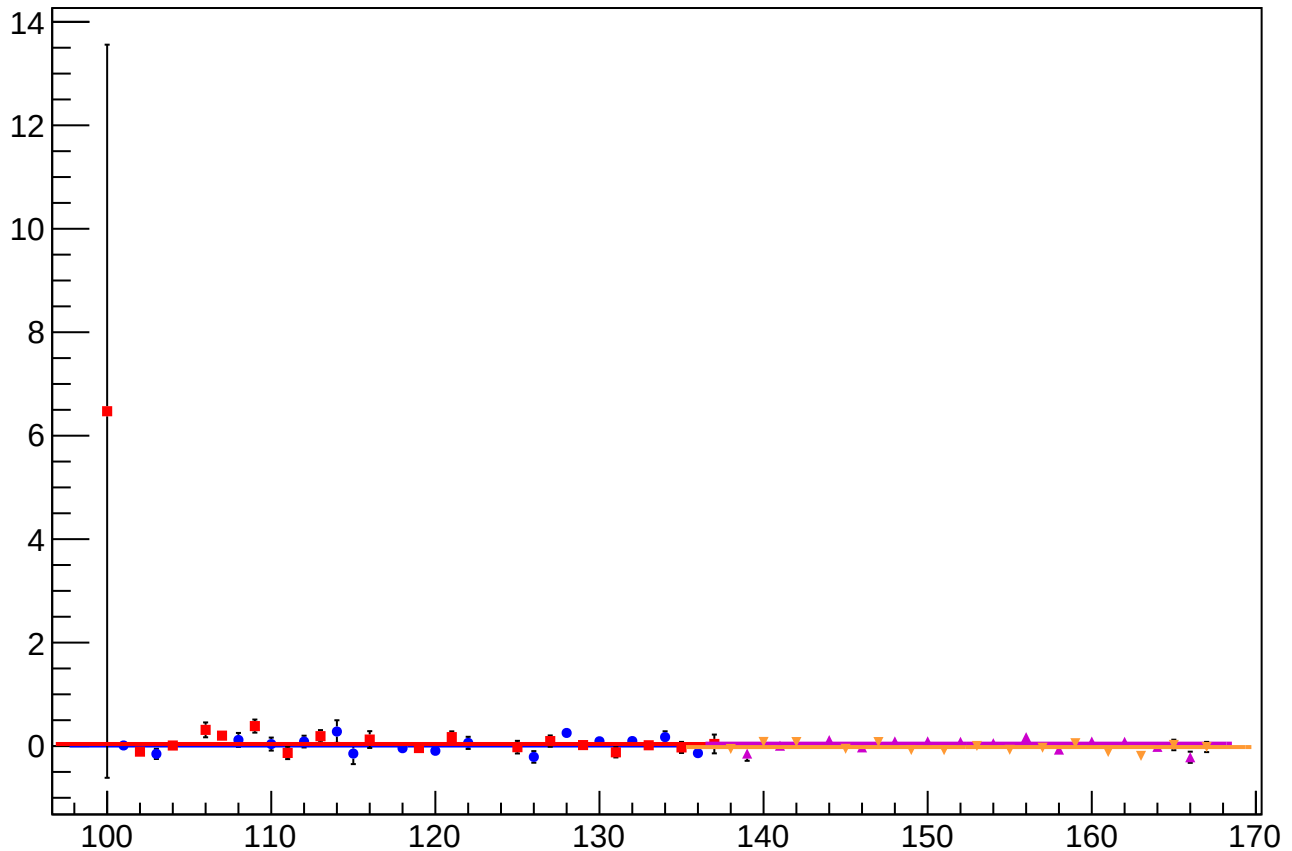
Left In: -0.016 $\pm$ 0.025 χ^2 /NDF:10.1/13

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

All: -0.018 $\pm$ 0.018 χ^2 /NDF: 35.8/28

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

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 25.4/15

Left Out: -0.019 ± 0.018 χ^2/NDF : 19.5/14

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

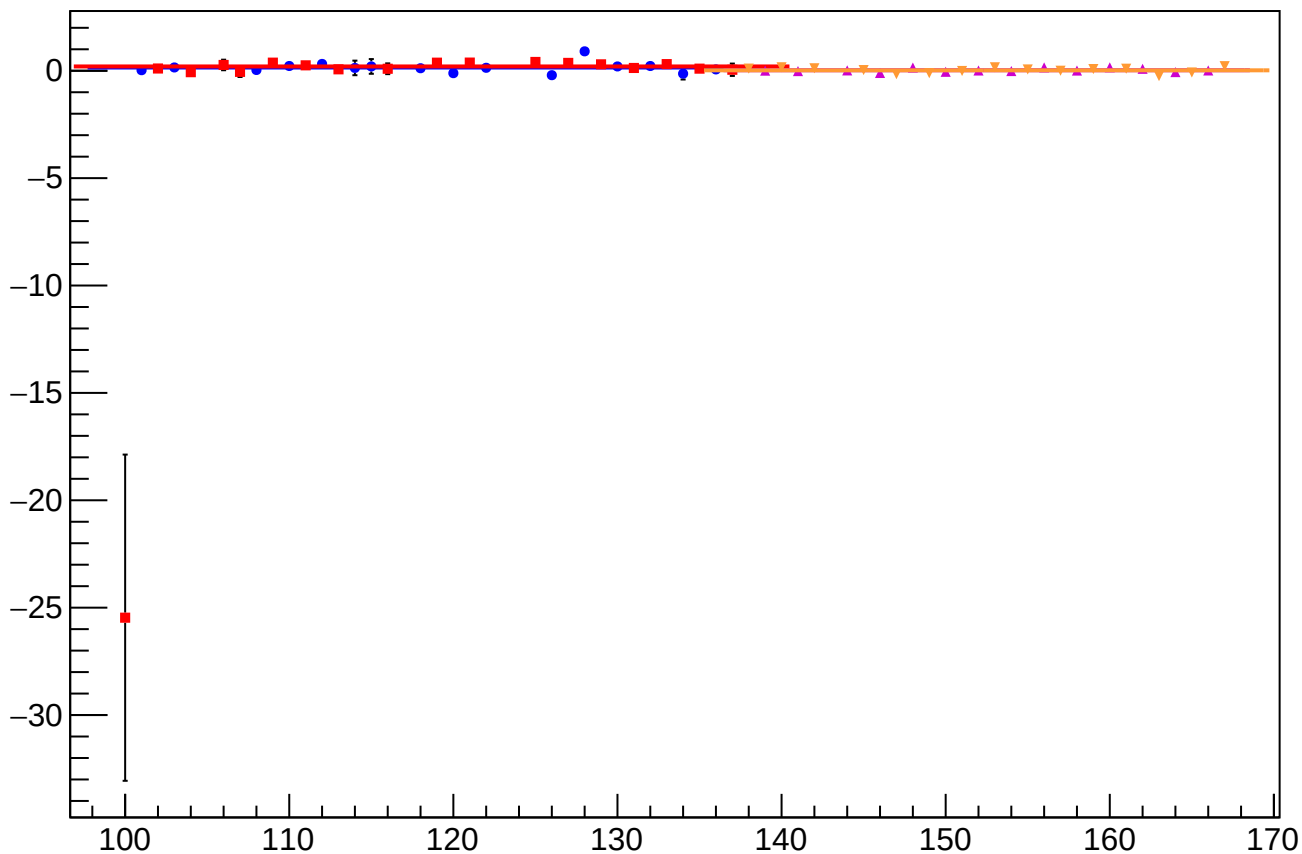
Left In: 0.047 ± 0.018 χ^2/NDF : 20.3/13

+ sign -0.009 ± 0.014 χ^2/NDF : 46.0/30

All: 0.017 ± 0.010 χ^2/NDF : 101.2/62

- sign 0.044 ± 0.014 χ^2/NDF : 48.3/31

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.020 ± 0.025 χ^2/NDF : 25.1/14

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

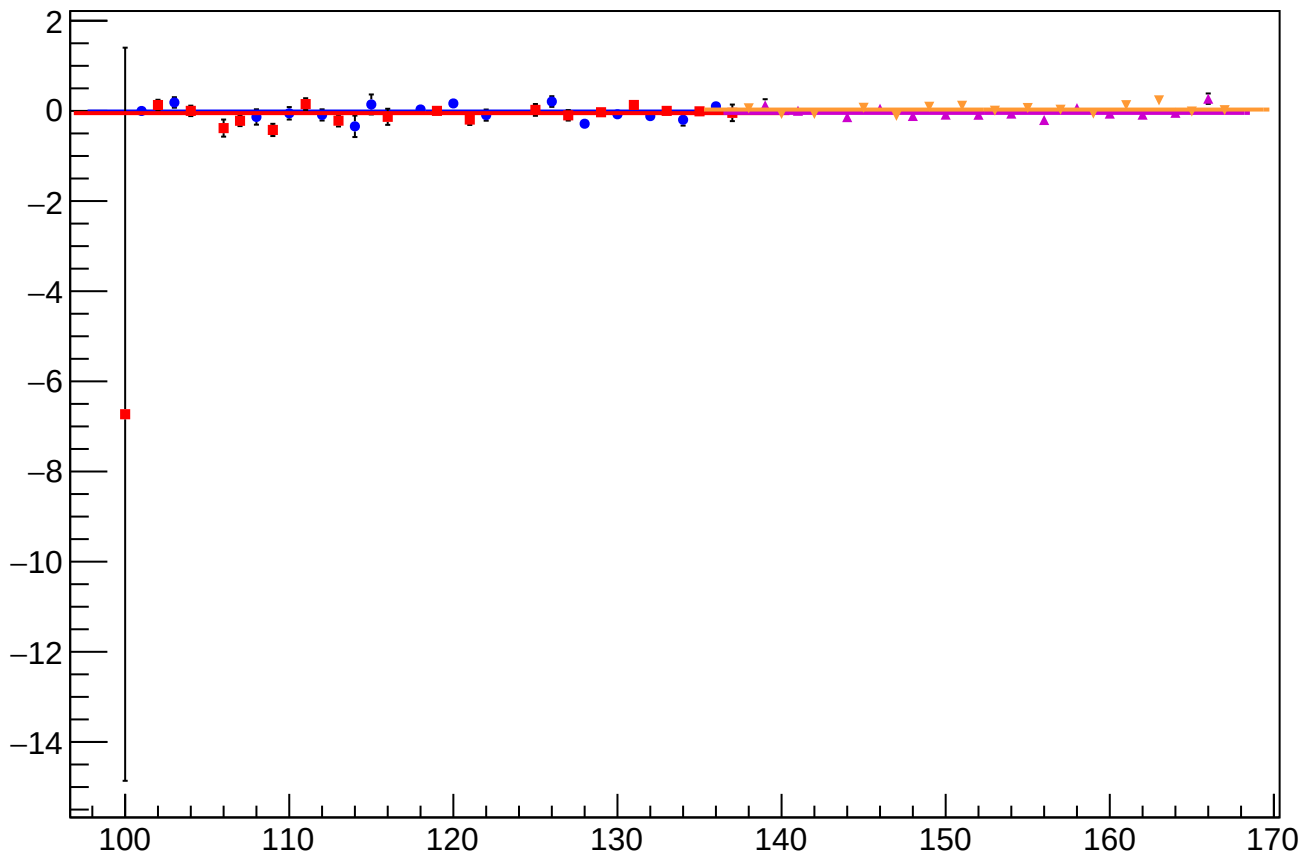
Left In: 0.025 ± 0.025 χ^2/NDF : 10.6/13

+ sign 0.053 ± 0.021 χ^2/NDF : 60.9/30

All: 0.059 ± 0.015 χ^2/NDF : 106.2/62

- sign 0.065 ± 0.022 χ^2/NDF : 45.2/31

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.030 ± 0.021 χ^2/NDF : 20.2/14

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

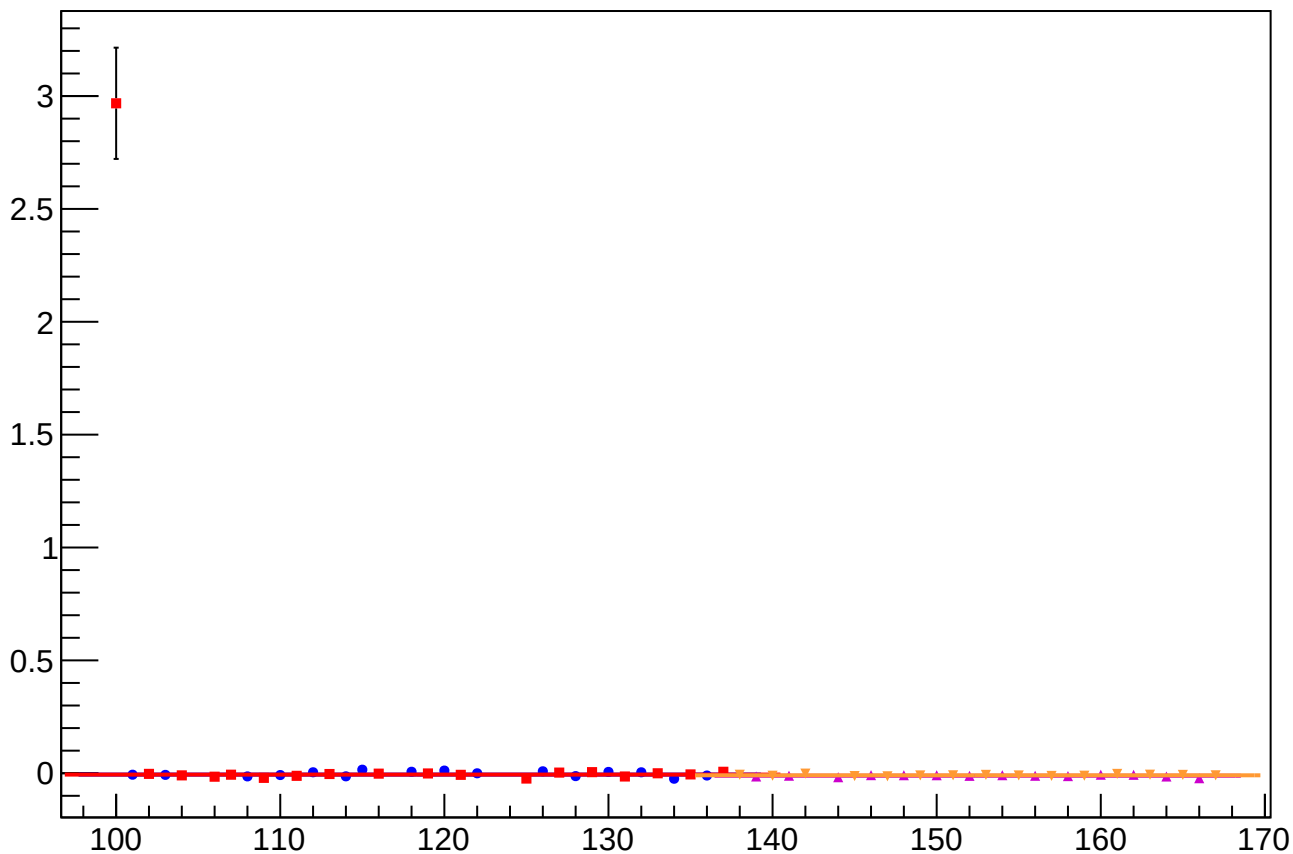
Left In: -0.044 ± 0.021 χ^2/NDF : 21.2/13

+ sign 0.014 ± 0.016 χ^2/NDF : 47.0/30

All: -0.015 ± 0.012 χ^2/NDF : 100.4/62

- sign -0.046 ± 0.017 χ^2/NDF : 47.0/31

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 9.2/14

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

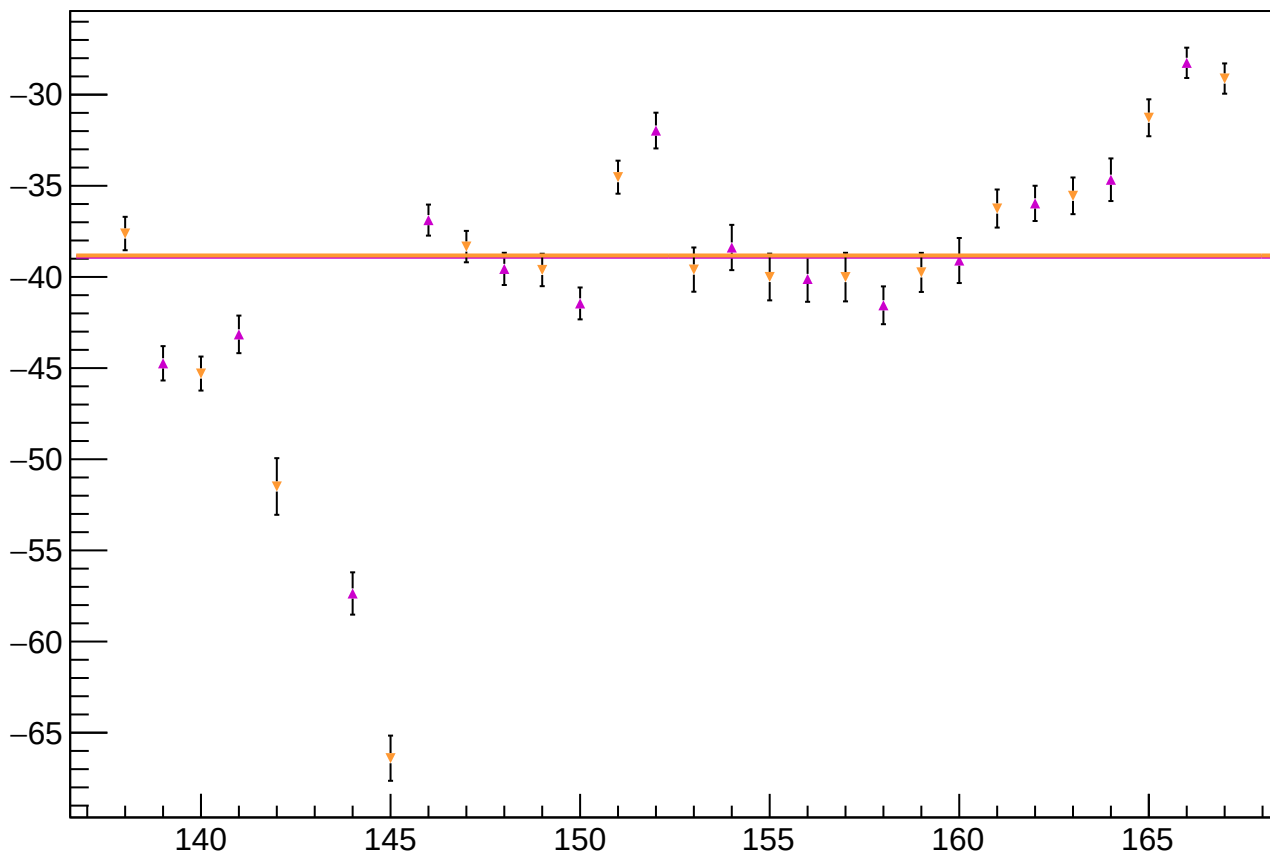
Left In: -0.011 ± 0.001 χ^2/NDF : 13.4/13

+ sign -0.008 ± 0.001 χ^2/NDF : 41.4/30

All: -0.009 ± 0.001 χ^2/NDF : 230.8/62

- sign -0.010 ± 0.001 χ^2/NDF : 187.9/31

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -38.822+/-0.265 χ^2/NDF : 846.7/14

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

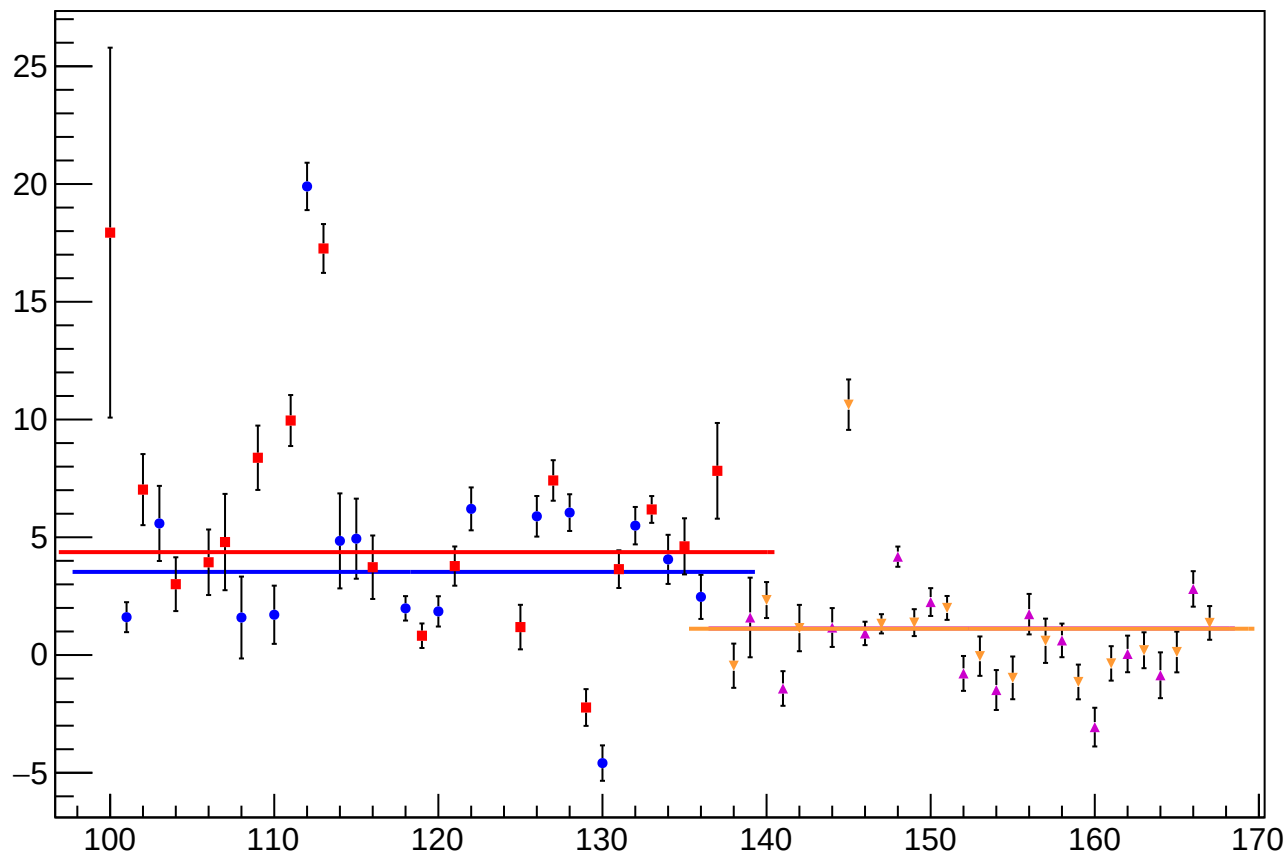
Left In: -38.891+/-0.268 χ^2/NDF : 567.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.856+/-0.188 χ^2/NDF : 1413.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 χ^2/NDF : 446.6/15

Left Out: 1.117 ± 0.182 χ^2/NDF : 111.6/14

Right Out: 4.370 ± 0.225 χ^2/NDF : 353.8/17

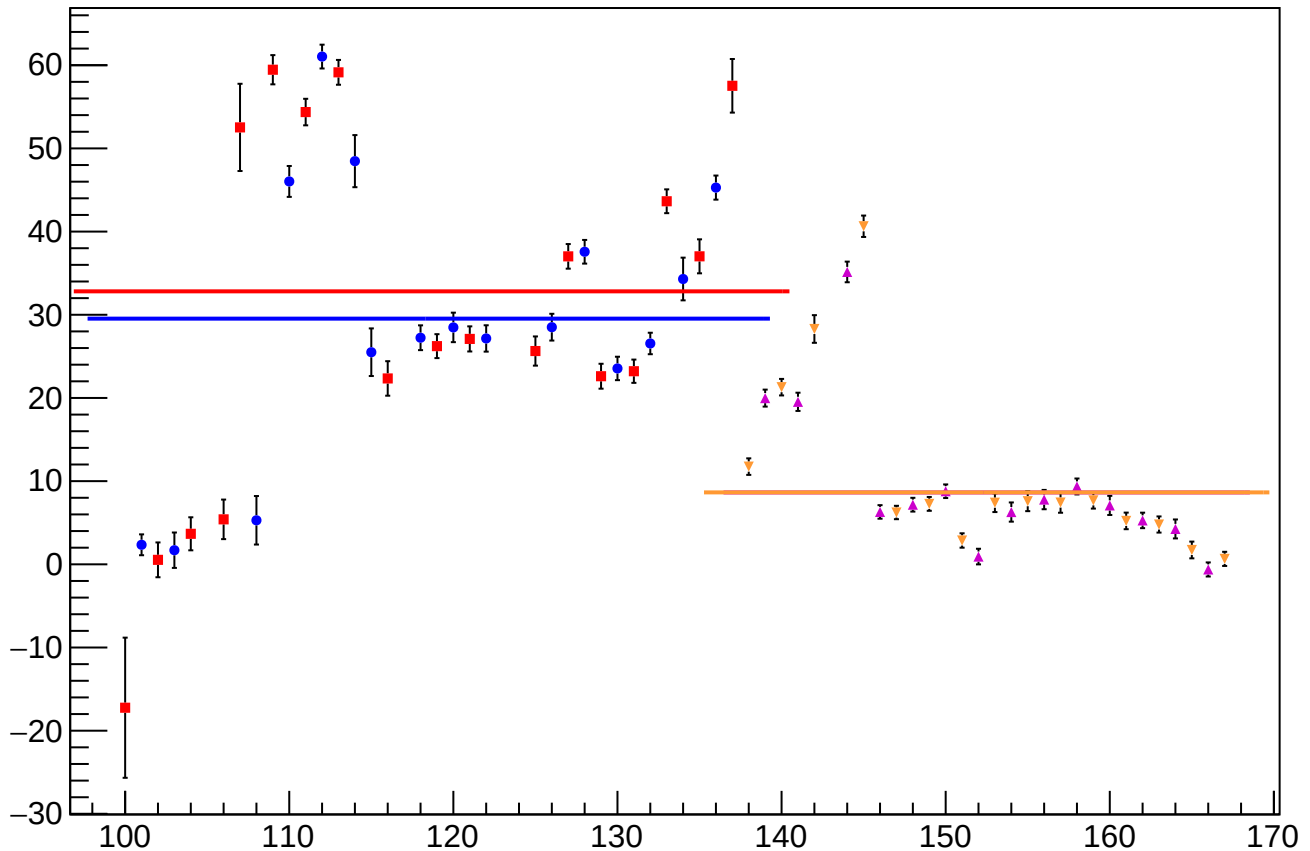
Left In: 1.128 ± 0.187 χ^2/NDF : 120.6/13

+ sign 2.111 ± 0.140 χ^2/NDF : 630.6/30

All: 2.276 ± 0.100 χ^2/NDF : 1230.2/62

- sign 2.452 ± 0.144 χ^2/NDF : 596.7/31

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 χ^2/NDF : 1494.9/15

Left Out: 8.648 ± 0.259 χ^2/NDF : 1153.6/14

Right Out: 32.816 ± 0.423 χ^2/NDF : 1659.3/17

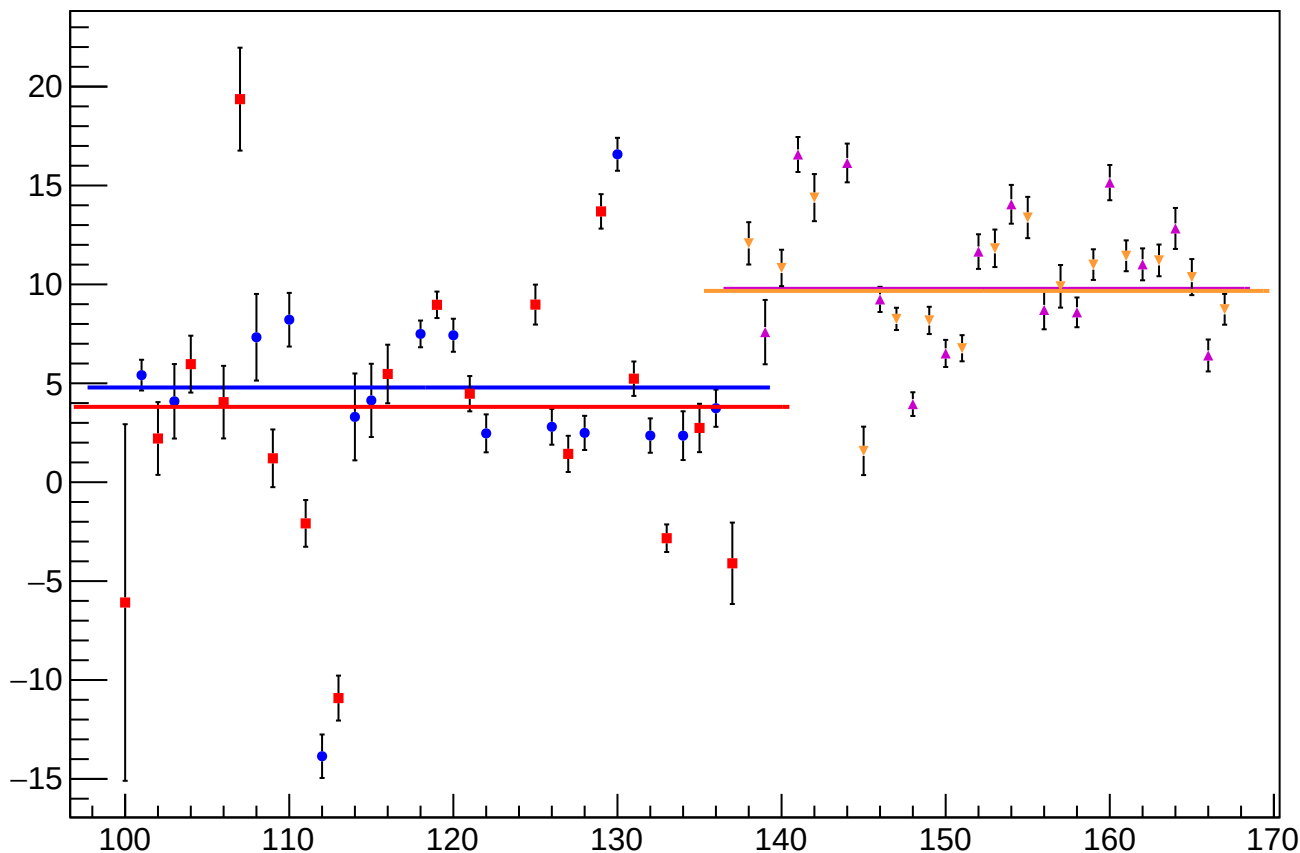
Left In: 8.641 ± 0.261 χ^2/NDF : 912.1/13

+ sign 14.464 ± 0.220 χ^2/NDF : 4460.9/30

All: 14.880 ± 0.156 χ^2/NDF : 9407.2/62

- sign 15.305 ± 0.222 χ^2/NDF : 4939.0/31

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 $\chi^2/\text{NDF}: 553.9/15$

Left Out: 9.672 ± 0.215 $\chi^2/\text{NDF}: 127.8/14$

Right Out: 3.809 ± 0.259 $\chi^2/\text{NDF}: 567.6/17$

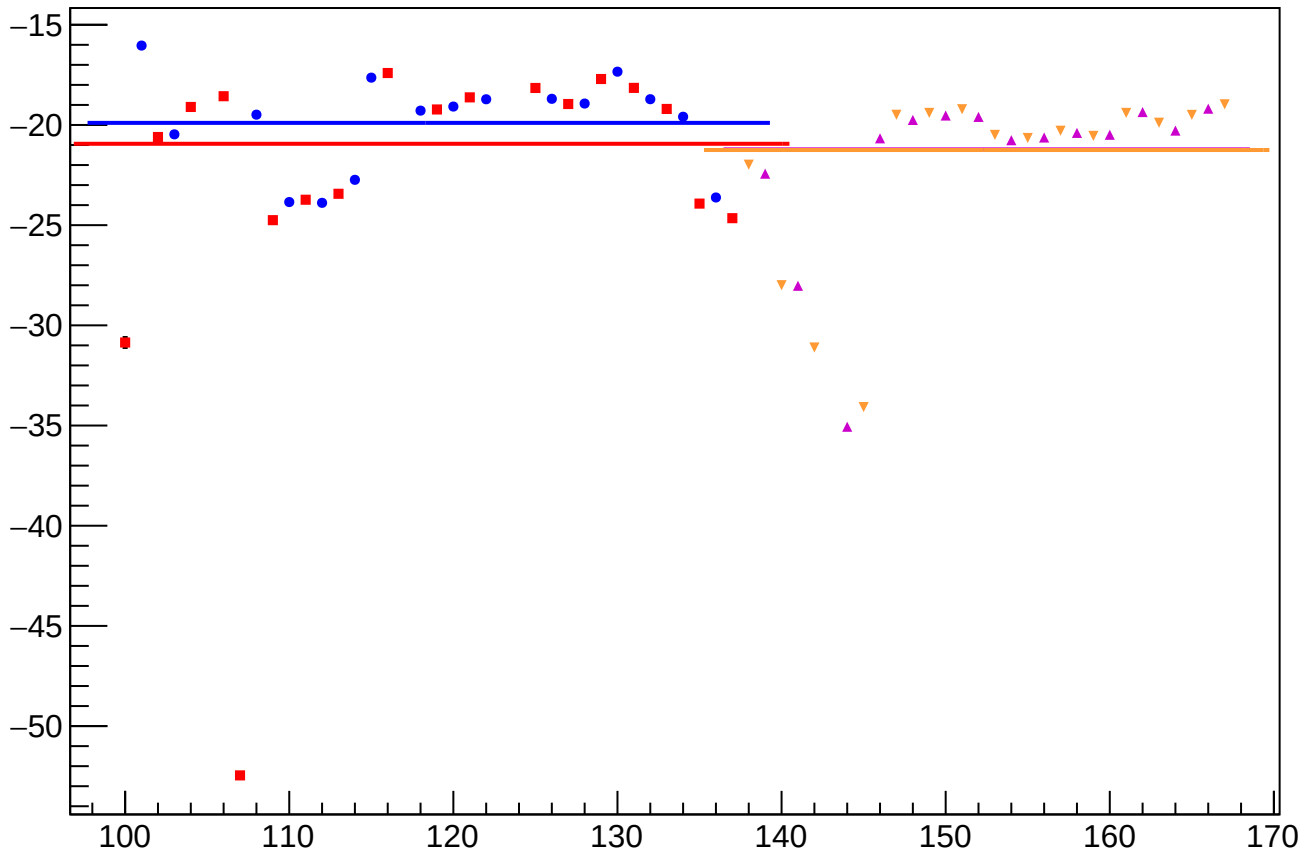
Left In: 9.776 ± 0.221 $\chi^2/\text{NDF}: 313.0/13$

+ sign 7.605 ± 0.163 $\chi^2/\text{NDF}: 899.6/30$

All: 7.438 ± 0.117 $\chi^2/\text{NDF}: 2089.8/62$

- sign 7.262 ± 0.168 $\chi^2/\text{NDF}: 1188.1/31$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -21.249 ± 0.010 χ^2/NDF : 128887.1/14

Right Out: -20.938 ± 0.016 χ^2/NDF : 94065.2/17

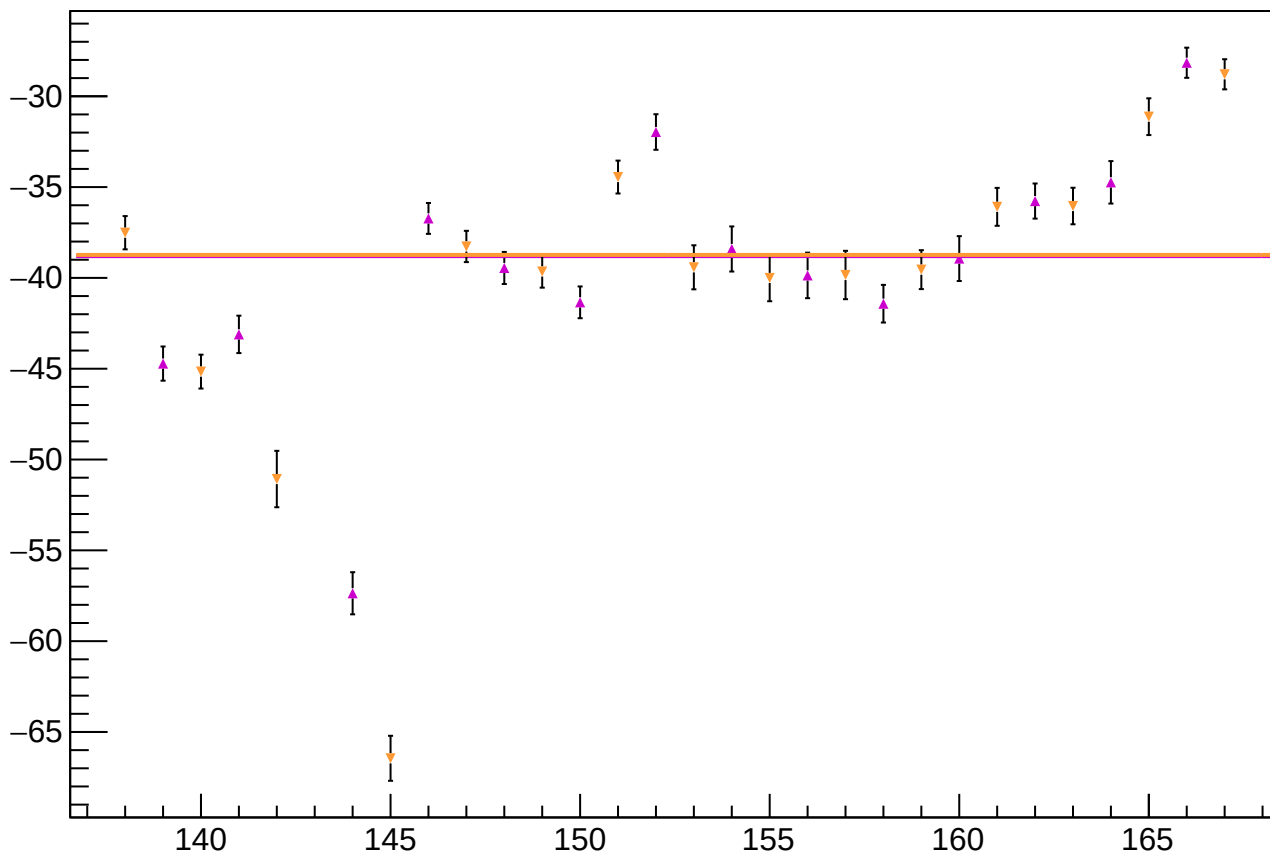
Left In: -21.216 ± 0.010 χ^2/NDF : 102631.0/13

+ sign -20.835 ± 0.009 χ^2/NDF : 160213.3/30

All: -20.982 ± 0.006 χ^2/NDF : 357714.5/62

- sign -21.132 ± 0.009 χ^2/NDF : 196913.4/31

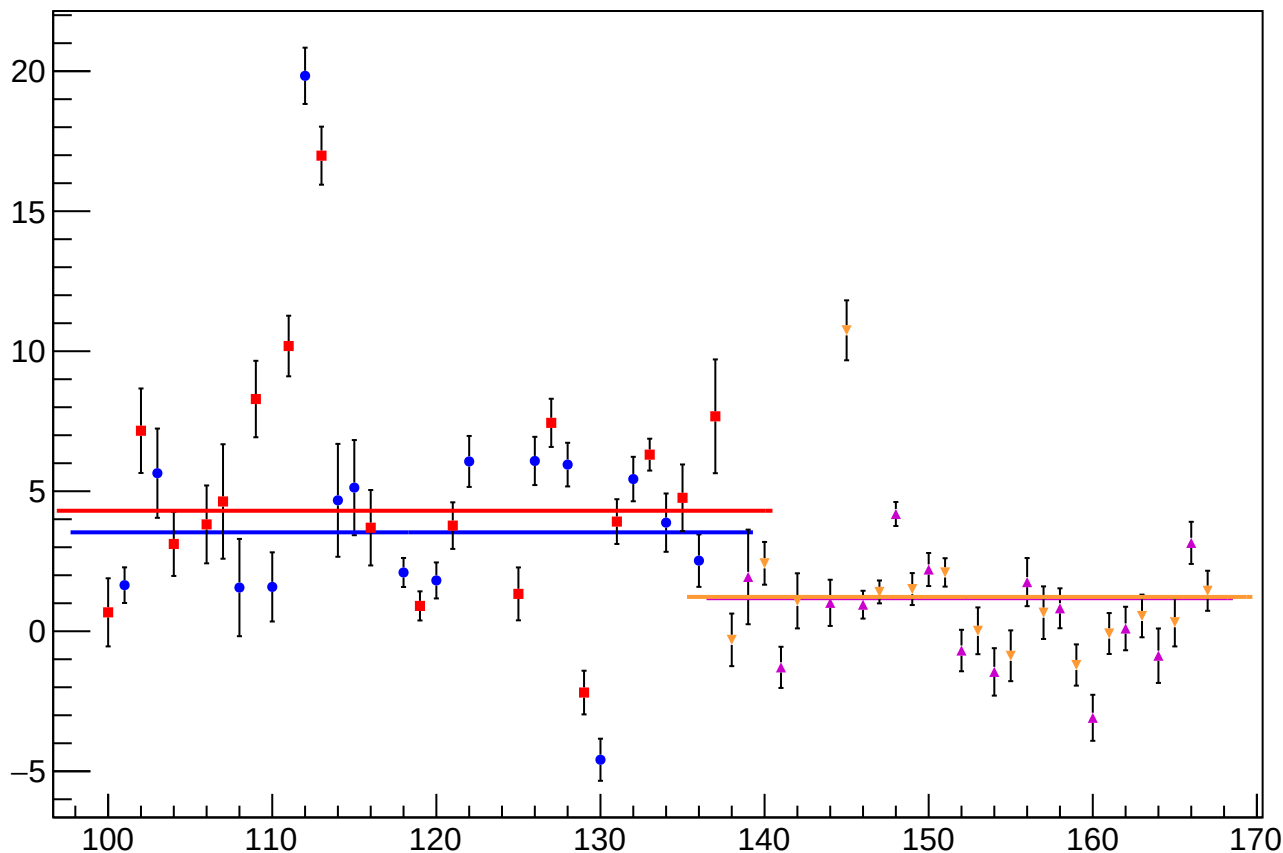
reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -38.735 ± 0.264 $\chi^2/\text{NDF}: 853.1/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -38.801 ± 0.268 $\chi^2/\text{NDF}: 570.4/13$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -38.767 ± 0.188 $\chi^2/\text{NDF}: 1423.5/28$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.226 ± 0.182 $\chi^2/\text{NDF}: 111.6/14$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

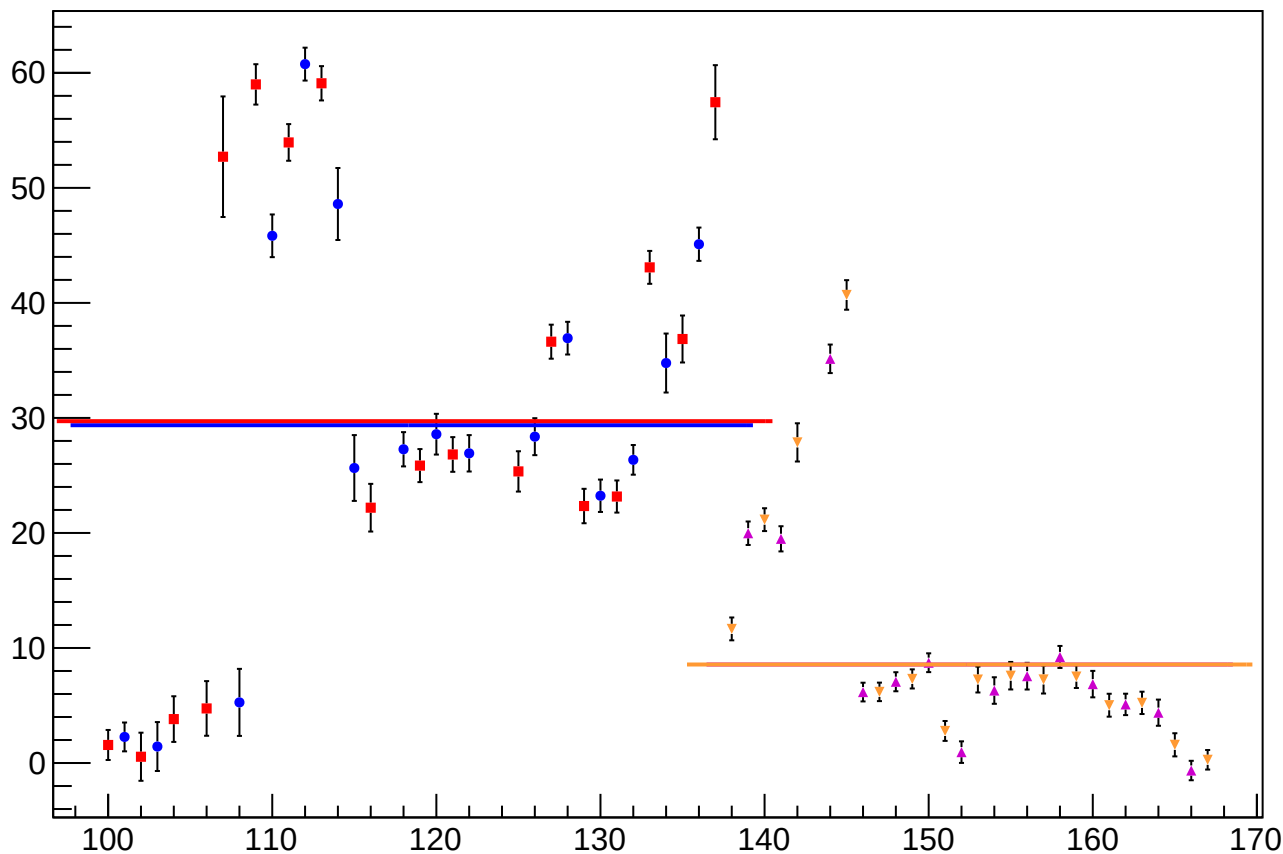
Left In: 1.180 ± 0.187 $\chi^2/\text{NDF}: 121.0/13$

+ sign 2.177 ± 0.139 $\chi^2/\text{NDF}: 621.1/30$

All: 2.325 ± 0.100 $\chi^2/\text{NDF}: 1213.1/62$

- sign 2.481 ± 0.143 $\chi^2/\text{NDF}: 589.7/31$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 8.564 $\pm$ 0.259 χ^2 /NDF: 1157.9/14

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

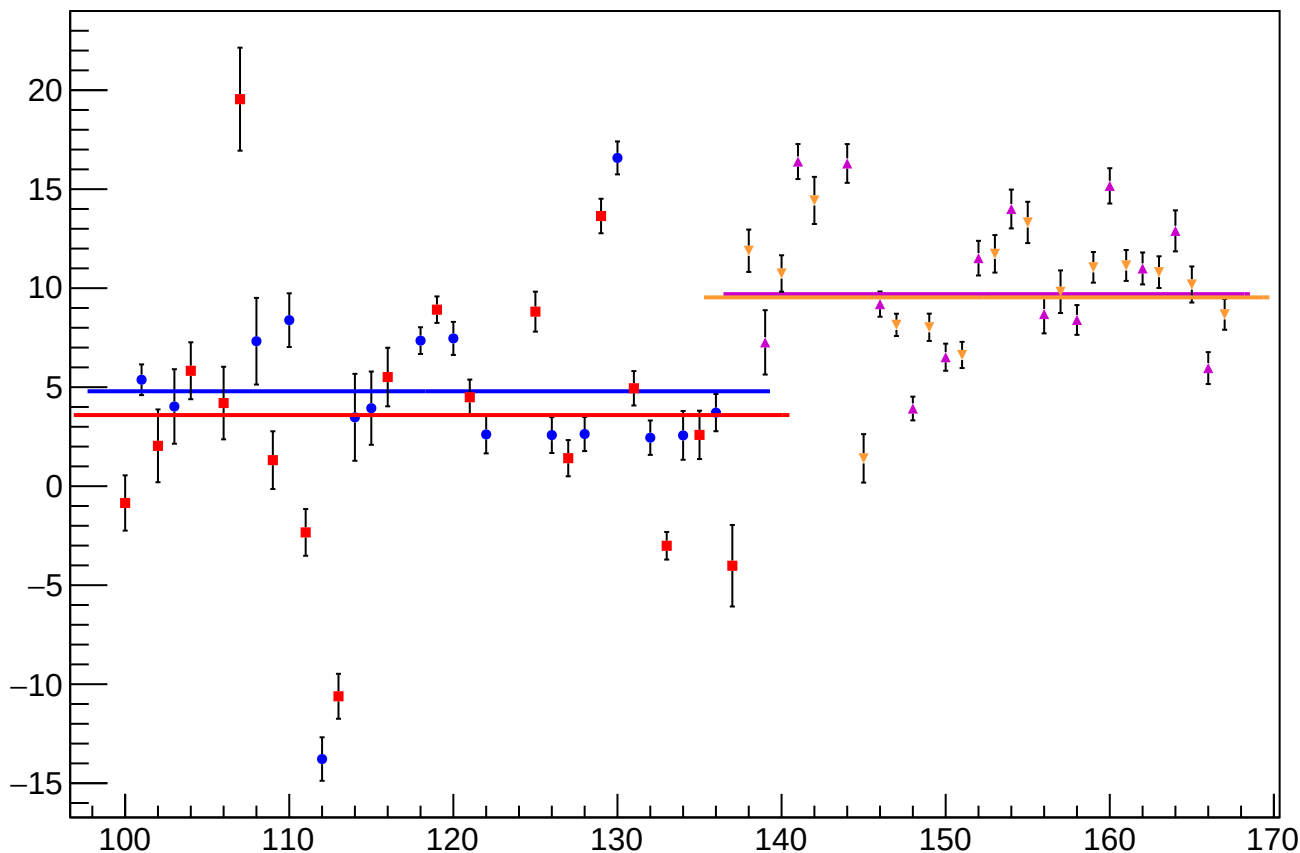
Left In: 8.562 $\pm$ 0.261 χ^2 /NDF: 915.4/13

+ sign 14.356 $\pm$ 0.220 χ^2 /NDF: 4446.9/30

All: 14.587 $\pm$ 0.155 χ^2 /NDF: 9440.8/62

- sign 14.815 $\pm$ 0.219 χ^2 /NDF: 4991.7/31

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.535 ± 0.215 $\chi^2/\text{NDF}: 128.9/14$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

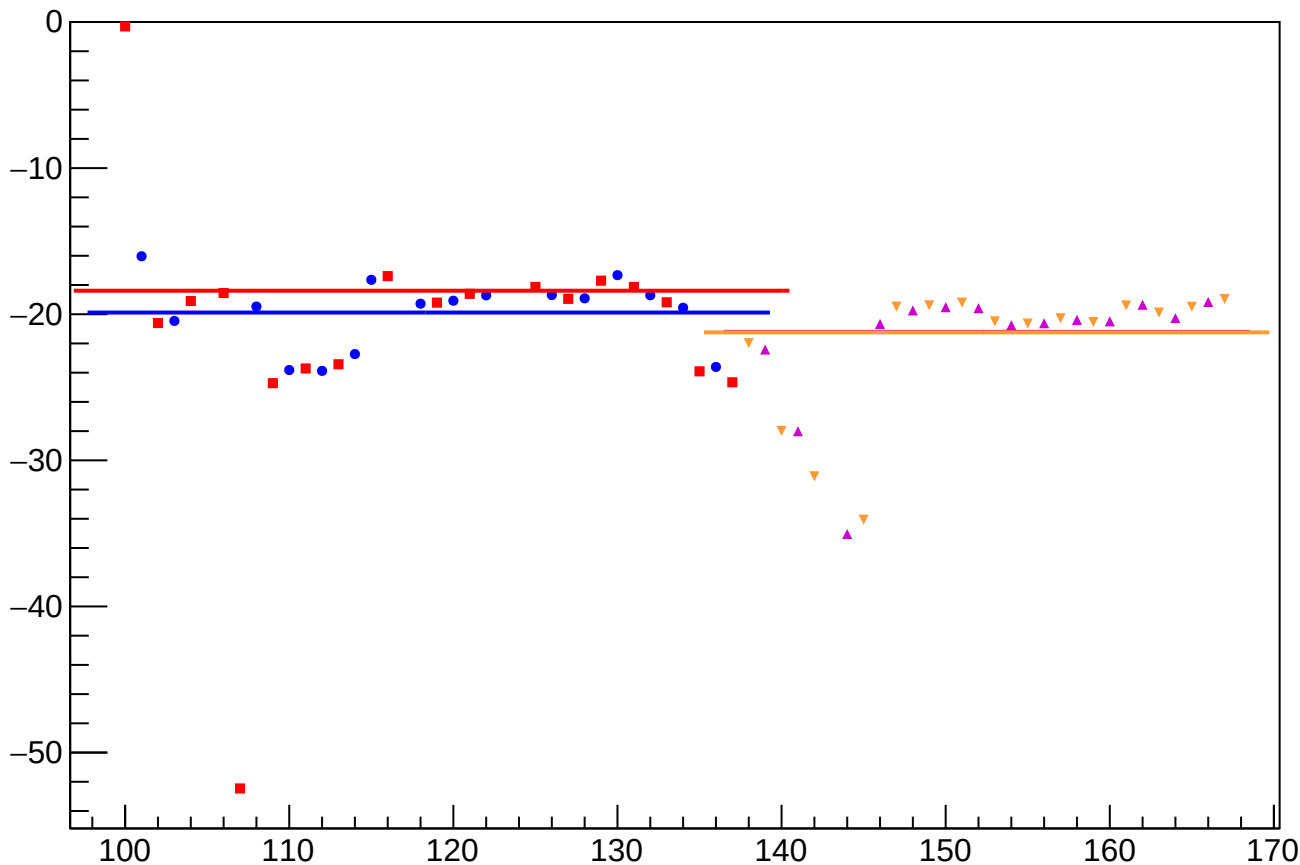
Left In: 9.699 ± 0.221 $\chi^2/\text{NDF}: 319.2/13$

+ sign 7.528 ± 0.163 $\chi^2/\text{NDF}: 884.5/30$

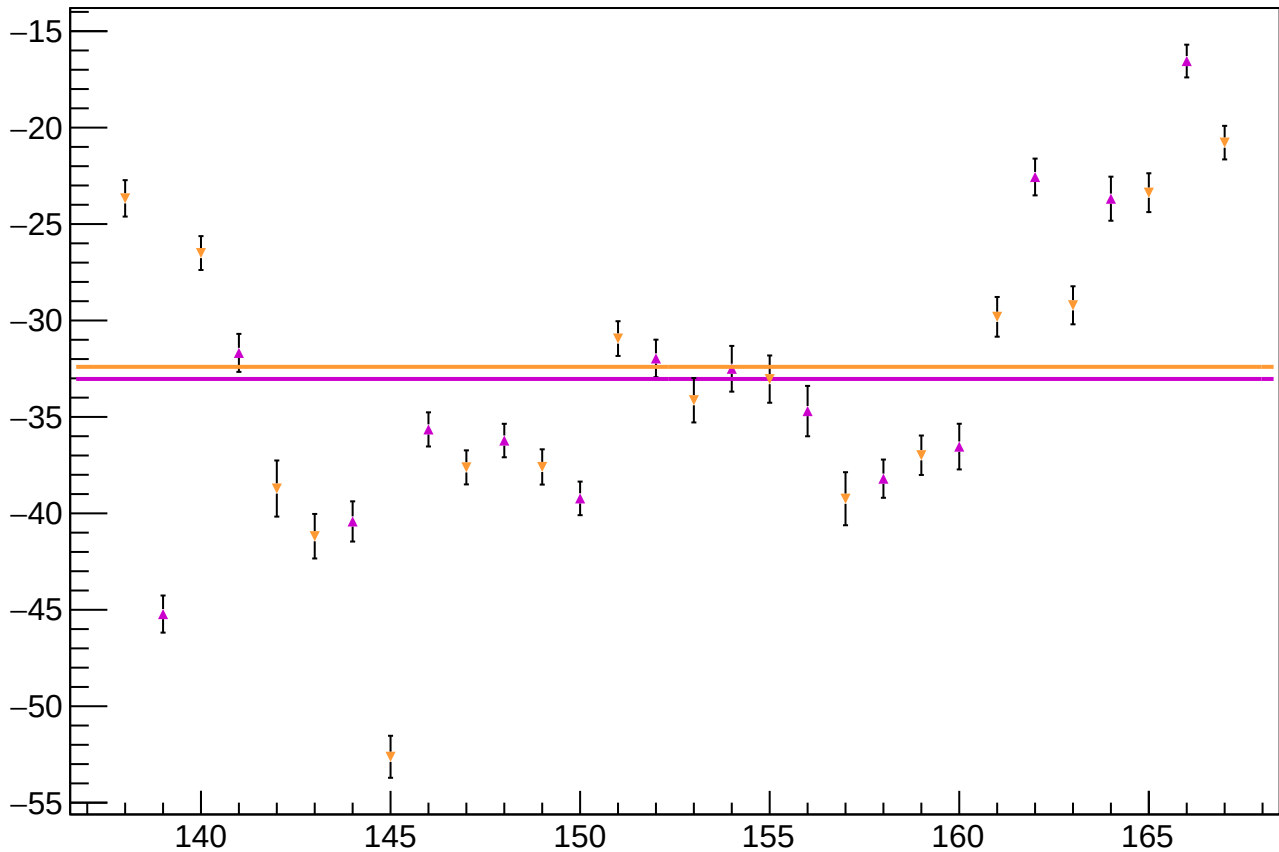
All: 7.307 ± 0.117 $\chi^2/\text{NDF}: 2109.5/62$

- sign 7.076 ± 0.167 $\chi^2/\text{NDF}: 1221.3/31$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



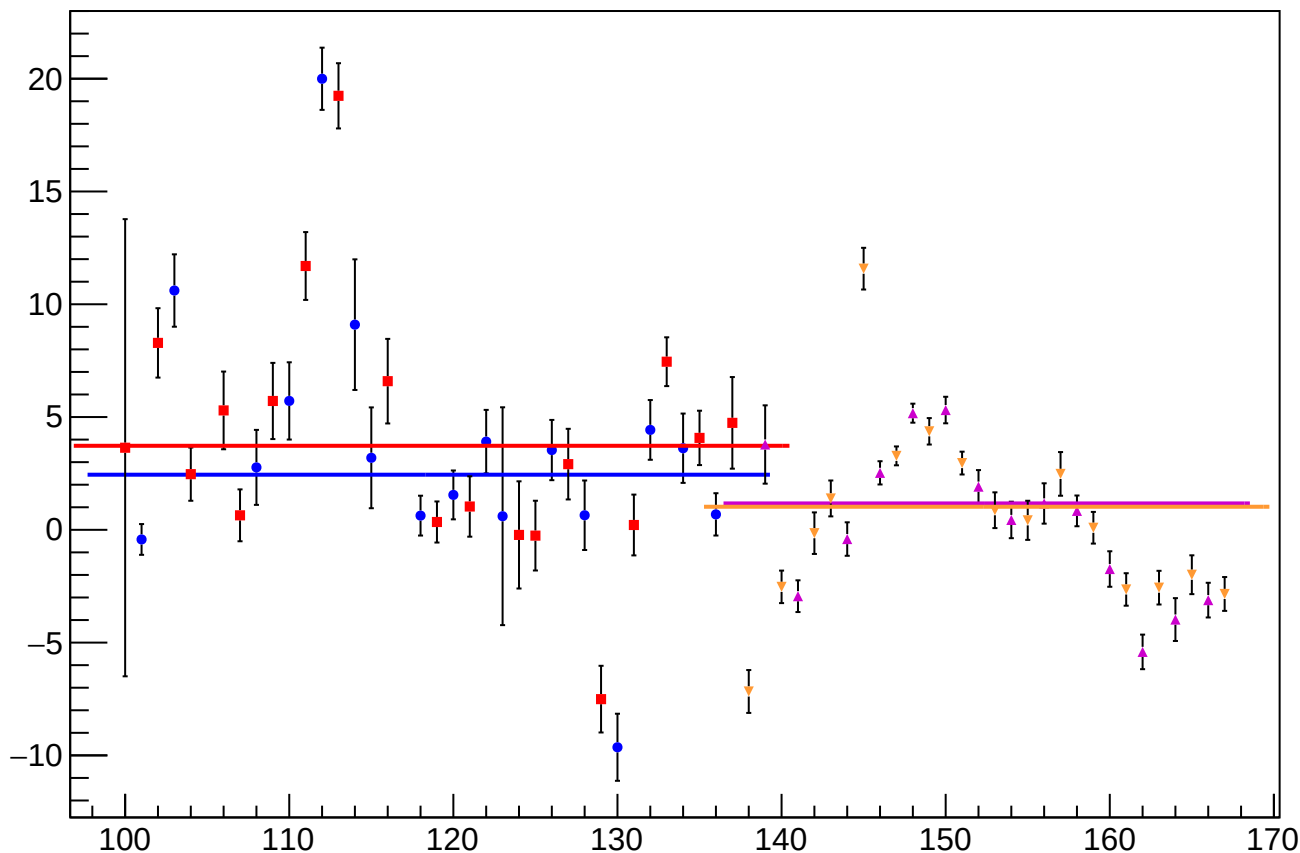
reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: -32.404+/-0.255 χ^2/NDF : 944.6/15
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -33.031+/-0.265 χ^2/NDF : 889.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -32.706+/-0.184 χ^2/NDF : 1836.8/29
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 $\pm$ 0.311 χ^2 /NDF: 295.3/16

Left Out: 1.023 $\pm$ 0.176 χ^2 /NDF: 399.4/15

Right Out: 3.726 $\pm$ 0.327 χ^2 /NDF: 269.1/18

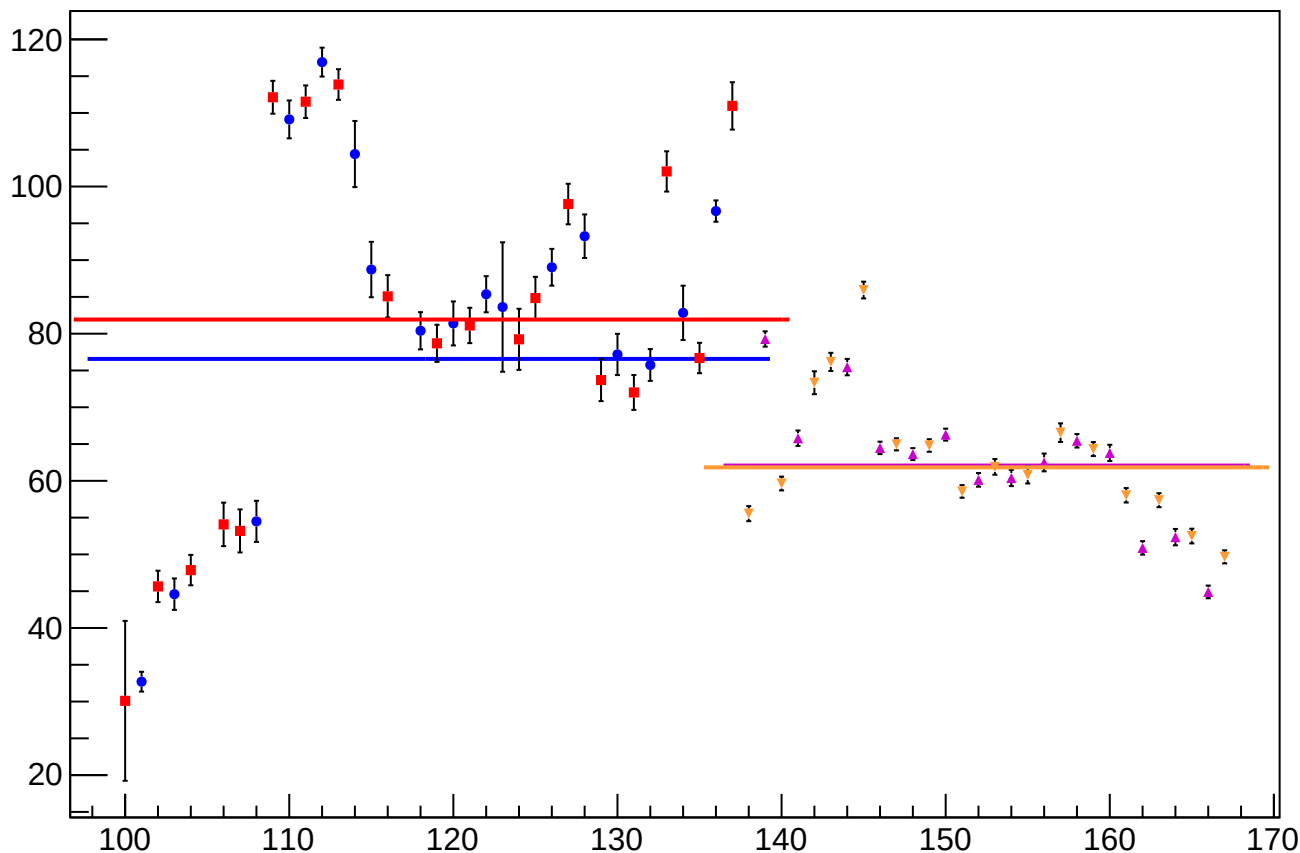
Left In: 1.170 $\pm$ 0.185 χ^2 /NDF: 337.7/13

+ sign 1.367 $\pm$ 0.153 χ^2 /NDF: 710.5/32

All: 1.567 $\pm$ 0.111 χ^2 /NDF: 1367.3/65

- sign 1.788 $\pm$ 0.161 χ^2 /NDF: 653.2/32

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 61.833 $\pm$ 0.251 χ^2 /NDF:1055.1/15

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

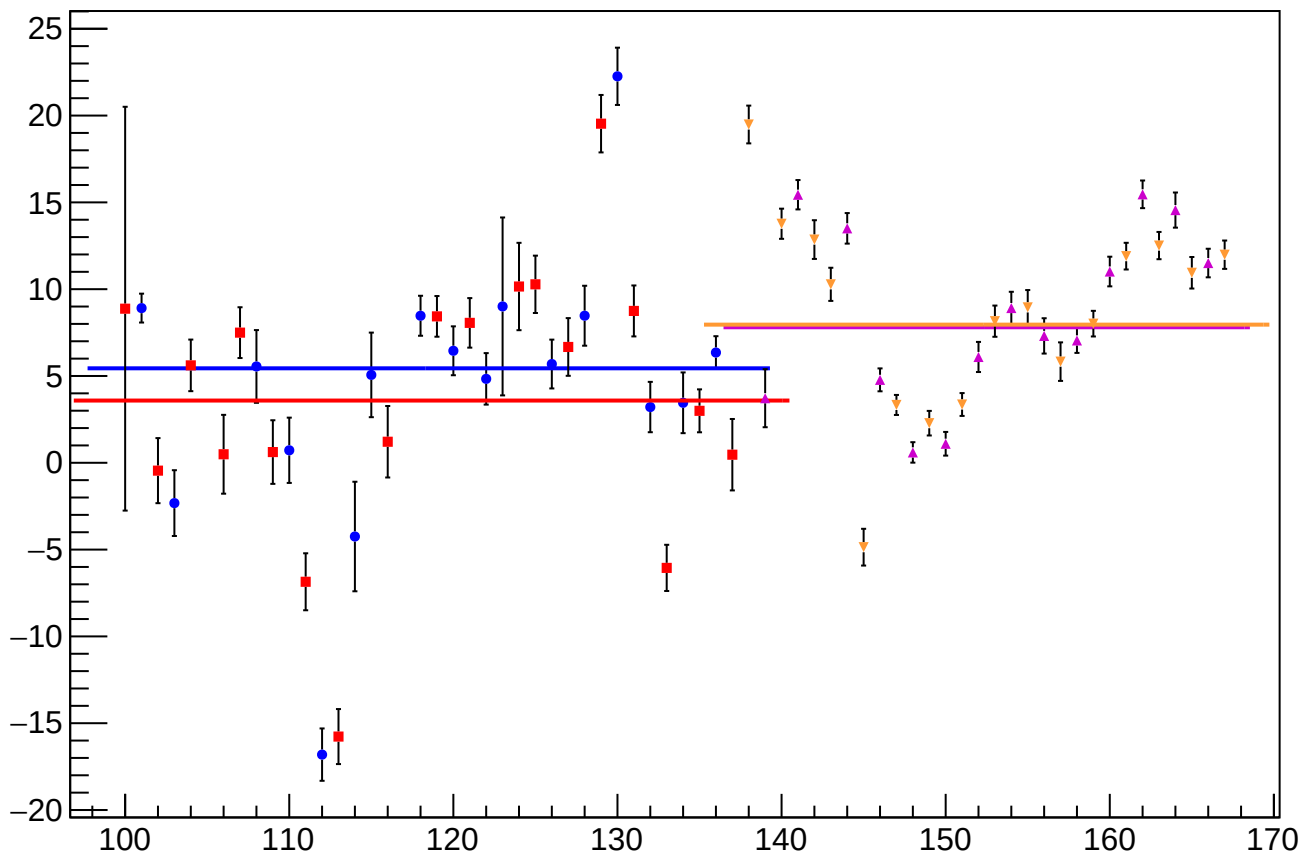
Left In: 62.077 $\pm$ 0.258 χ^2 /NDF:1110.9/13

+ sign 64.199 $\pm$ 0.230 χ^2 /NDF: 3863.6/32

All: 64.704 $\pm$ 0.165 χ^2 /NDF: 7500.1/65

- sign 65.239 $\pm$ 0.236 χ^2 /NDF: 3626.6/32

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 7.958 ± 0.208 $\chi^2/\text{NDF}: 606.2/15$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

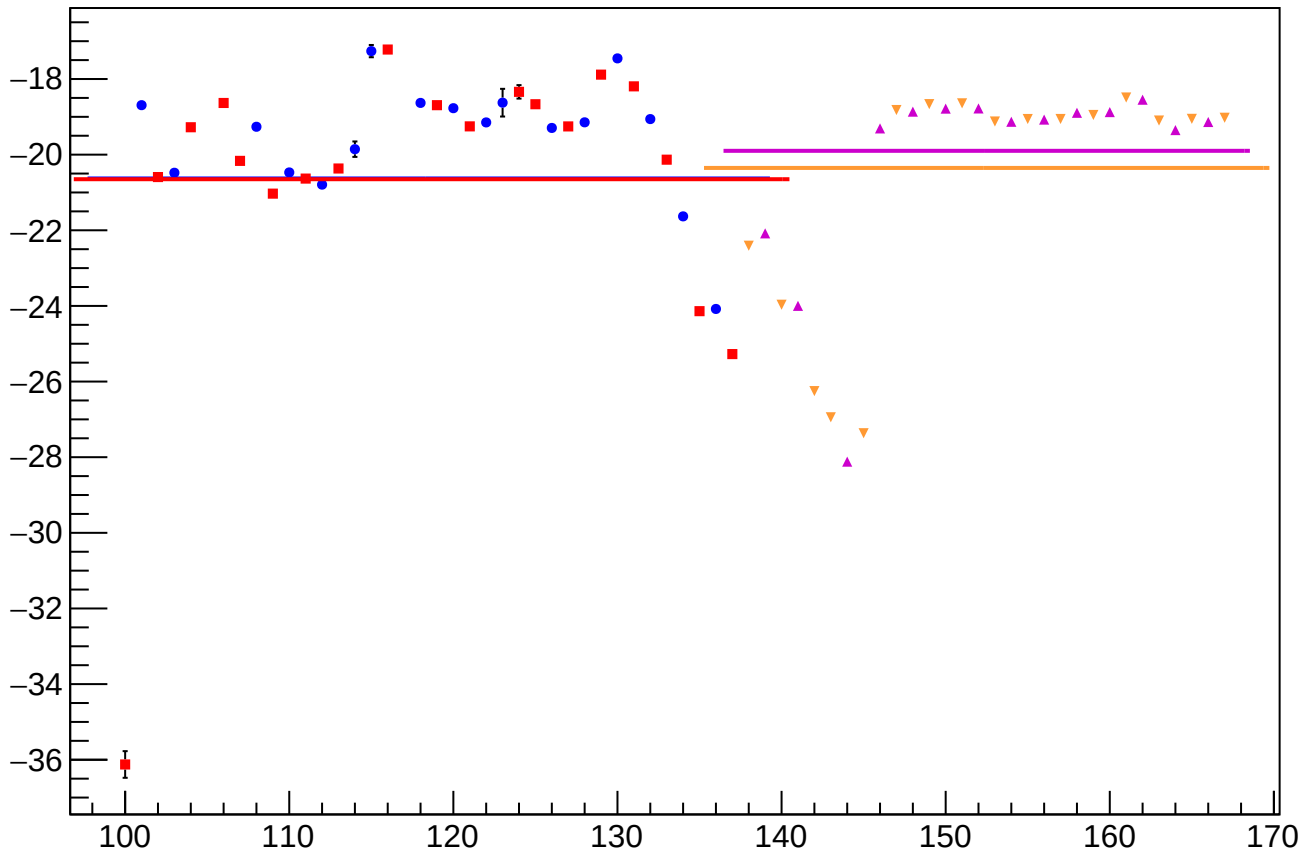
Left In: 7.806 ± 0.217 $\chi^2/\text{NDF}: 574.8/13$

+ sign 7.322 ± 0.180 $\chi^2/\text{NDF}: 1030.7/32$

All: 7.047 ± 0.130 $\chi^2/\text{NDF}: 2128.4/65$

- sign 6.745 ± 0.188 $\chi^2/\text{NDF}: 1092.8/32$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -20.351 ± 0.010 $\chi^2/\text{NDF}: 77928.7/15$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

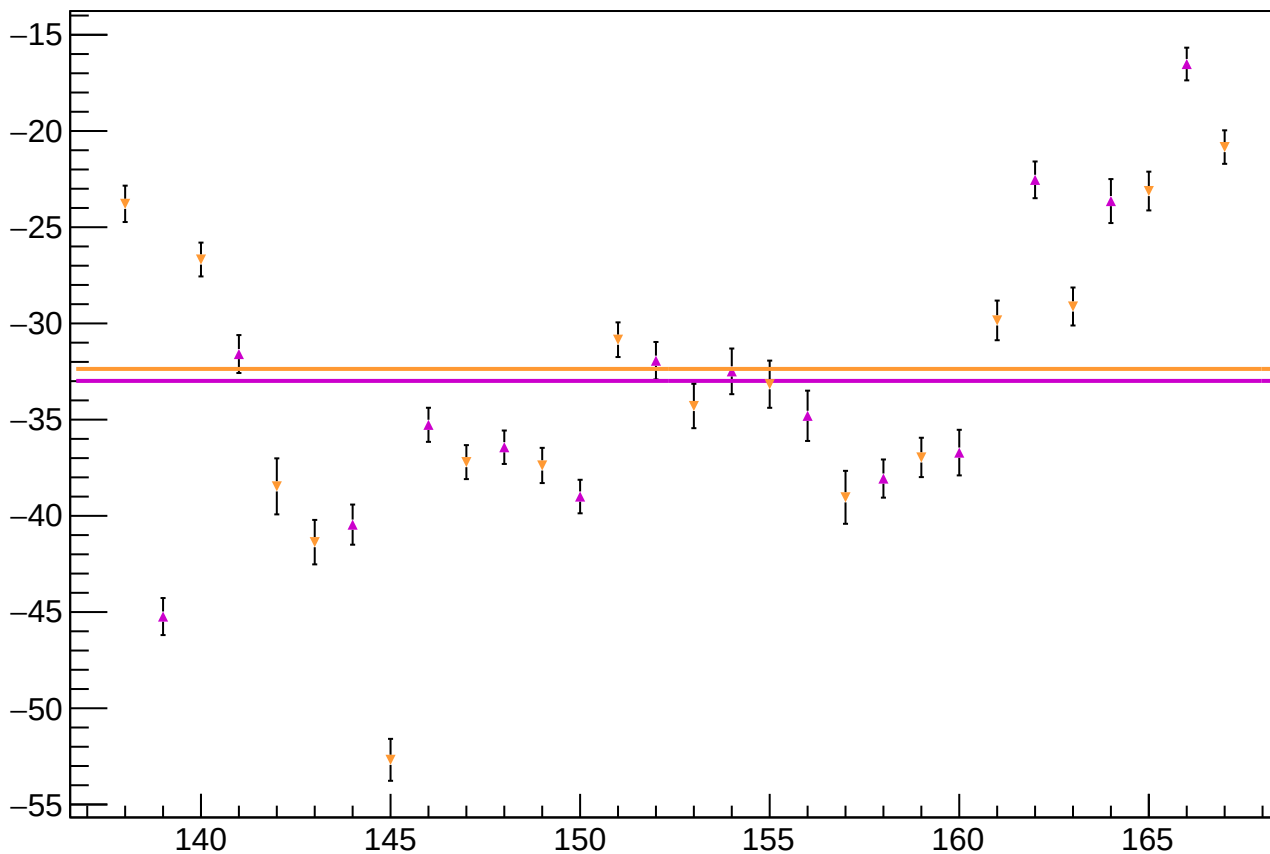
Left In: -19.899 ± 0.010 $\chi^2/\text{NDF}: 48657.8/13$

+ sign -20.410 ± 0.009 $\chi^2/\text{NDF}: 90584.6/32$

All: -20.241 ± 0.006 $\chi^2/\text{NDF}: 155043.7/65$

- sign -20.063 ± 0.009 $\chi^2/\text{NDF}: 63710.3/32$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.364+/-0.255 χ^2/NDF : 936.3/15

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

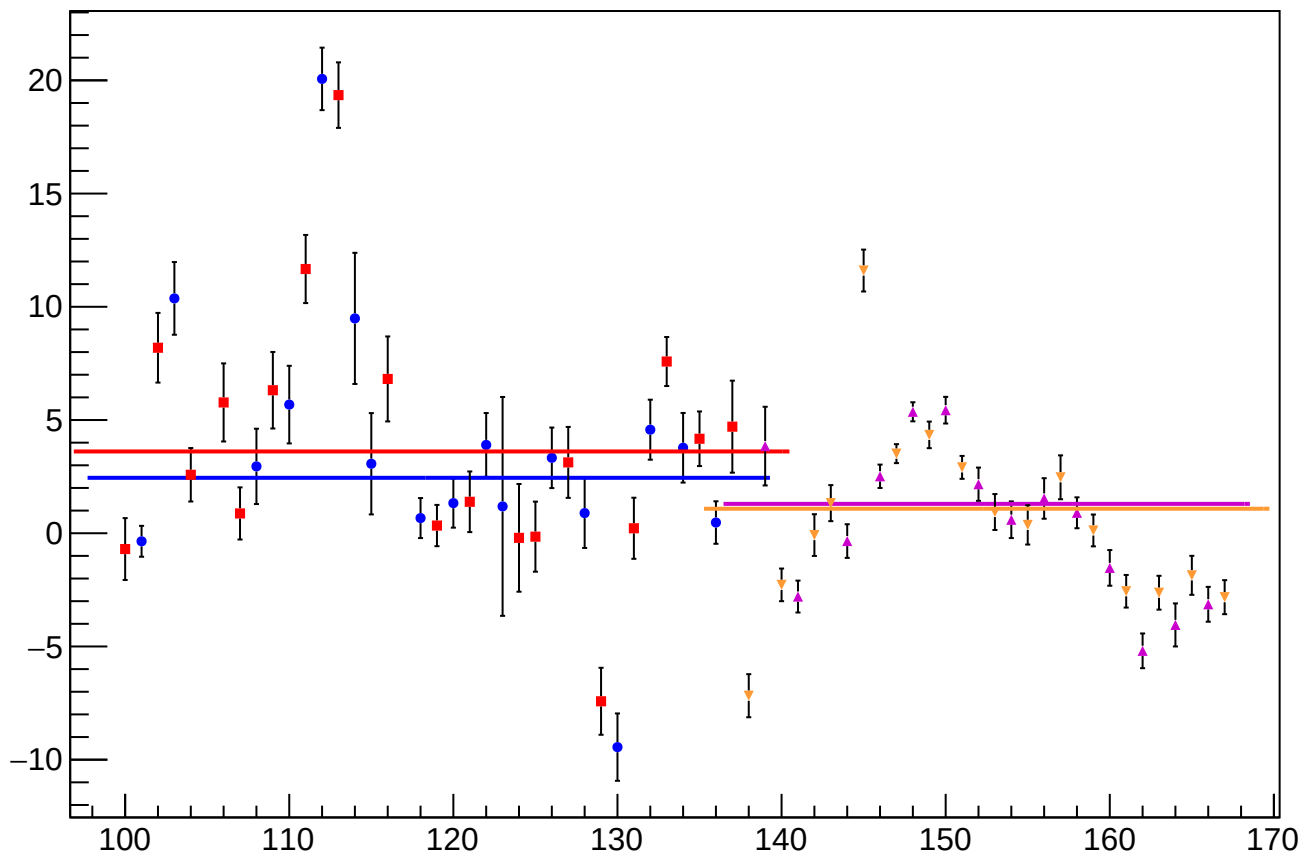
Left In: -32.987+/-0.265 χ^2/NDF : 887.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.664+/-0.184 χ^2/NDF : 1826.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 1.082 ± 0.176 χ^2/NDF : 399.4/15

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

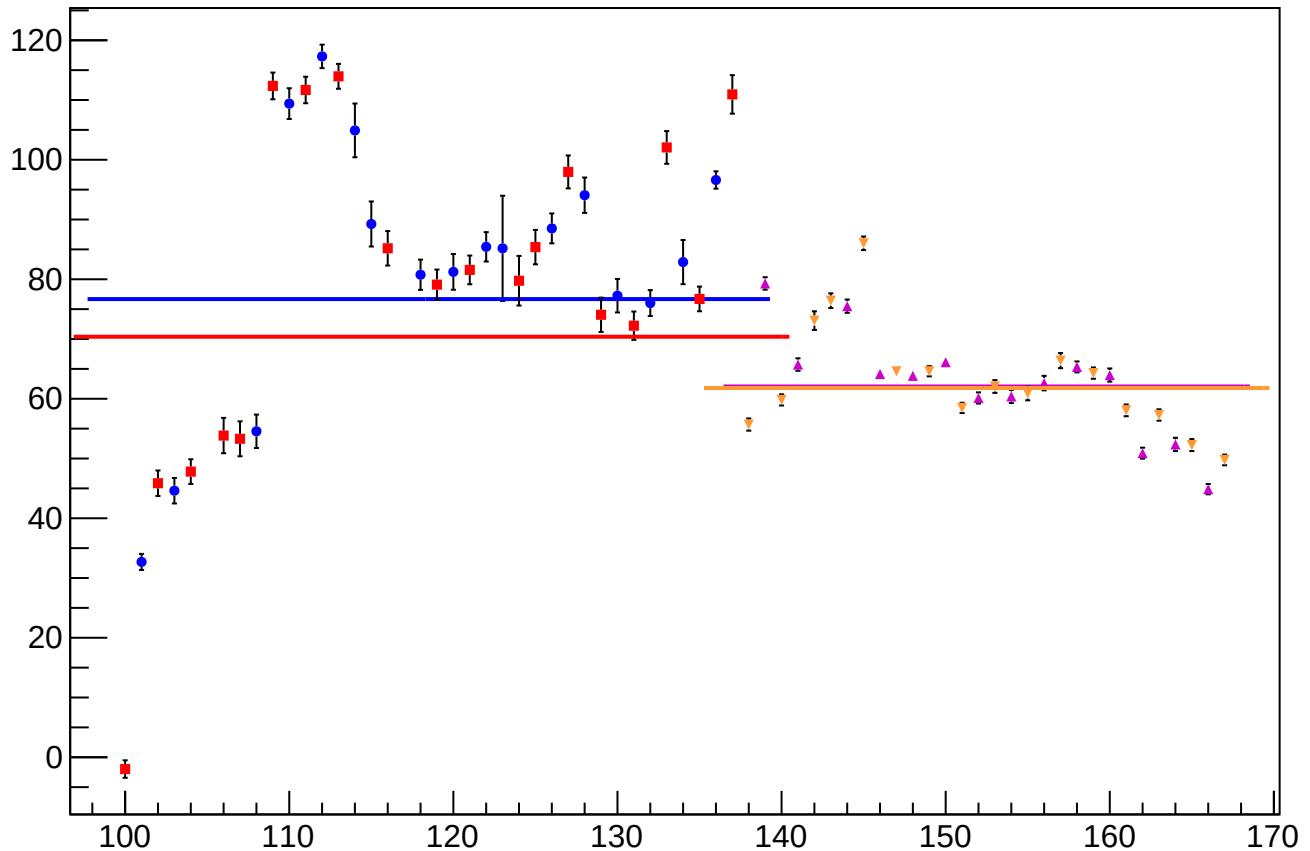
Left In: 1.298 ± 0.185 χ^2/NDF : 340.9/13

+ sign 1.413 ± 0.153 χ^2/NDF : 707.4/32

All: 1.637 ± 0.111 χ^2/NDF : 1371.7/65

- sign 1.880 ± 0.160 χ^2/NDF : 659.8/32

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 +/- 0.574 χ^2/NDF : 2265.1/16

Left Out: 61.800 +/- 0.251 χ^2/NDF : 1054.4/15

Right Out: 70.386 +/- 0.550 χ^2/NDF : 4391.1/18

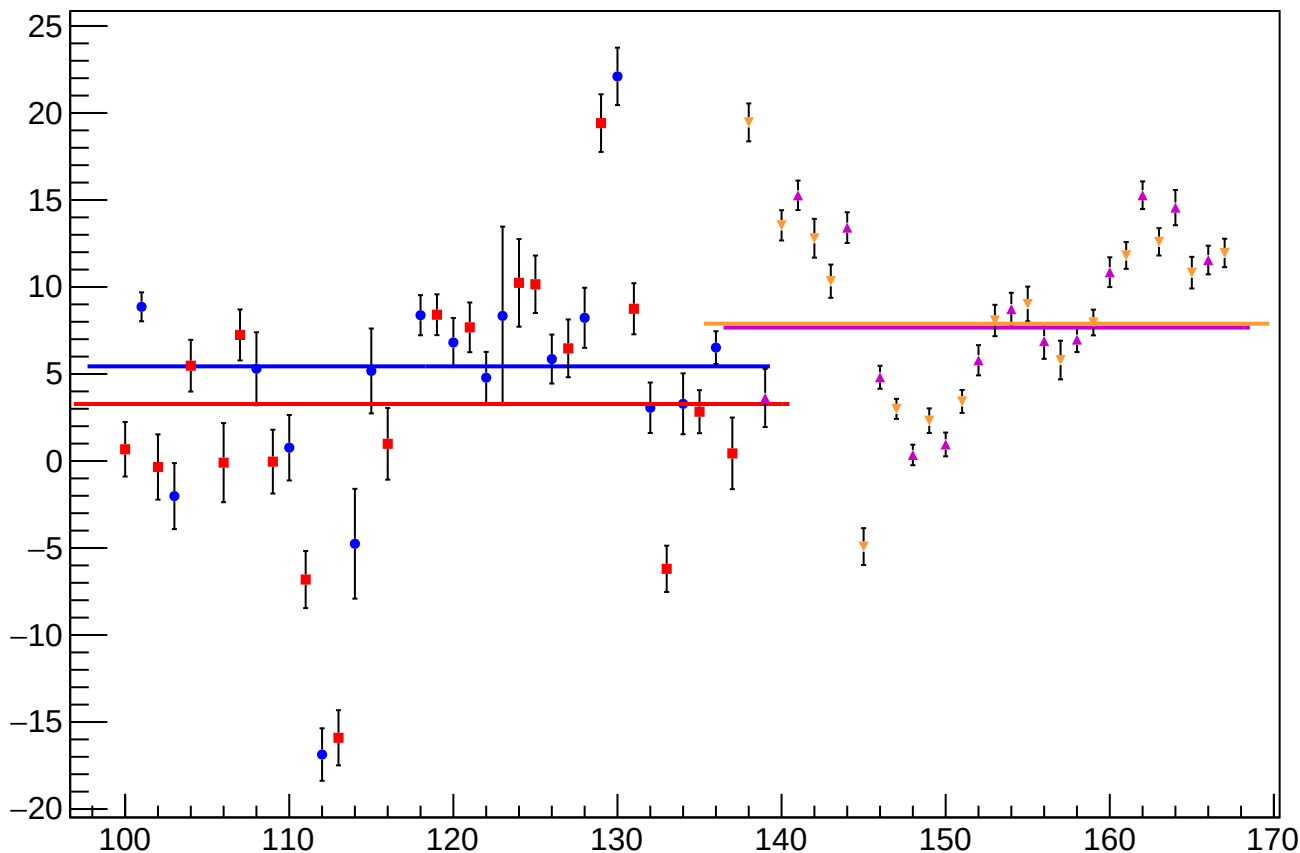
Left In: 62.056 +/- 0.258 χ^2/NDF : 1107.9/13

+ sign 64.190 +/- 0.230 χ^2/NDF : 3885.0/32

All: 63.879 +/- 0.164 χ^2/NDF : 9575.8/65

- sign 63.558 +/- 0.233 χ^2/NDF : 5687.2/32

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 7.892 ± 0.208 $\chi^2/\text{NDF}: 609.2/15$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

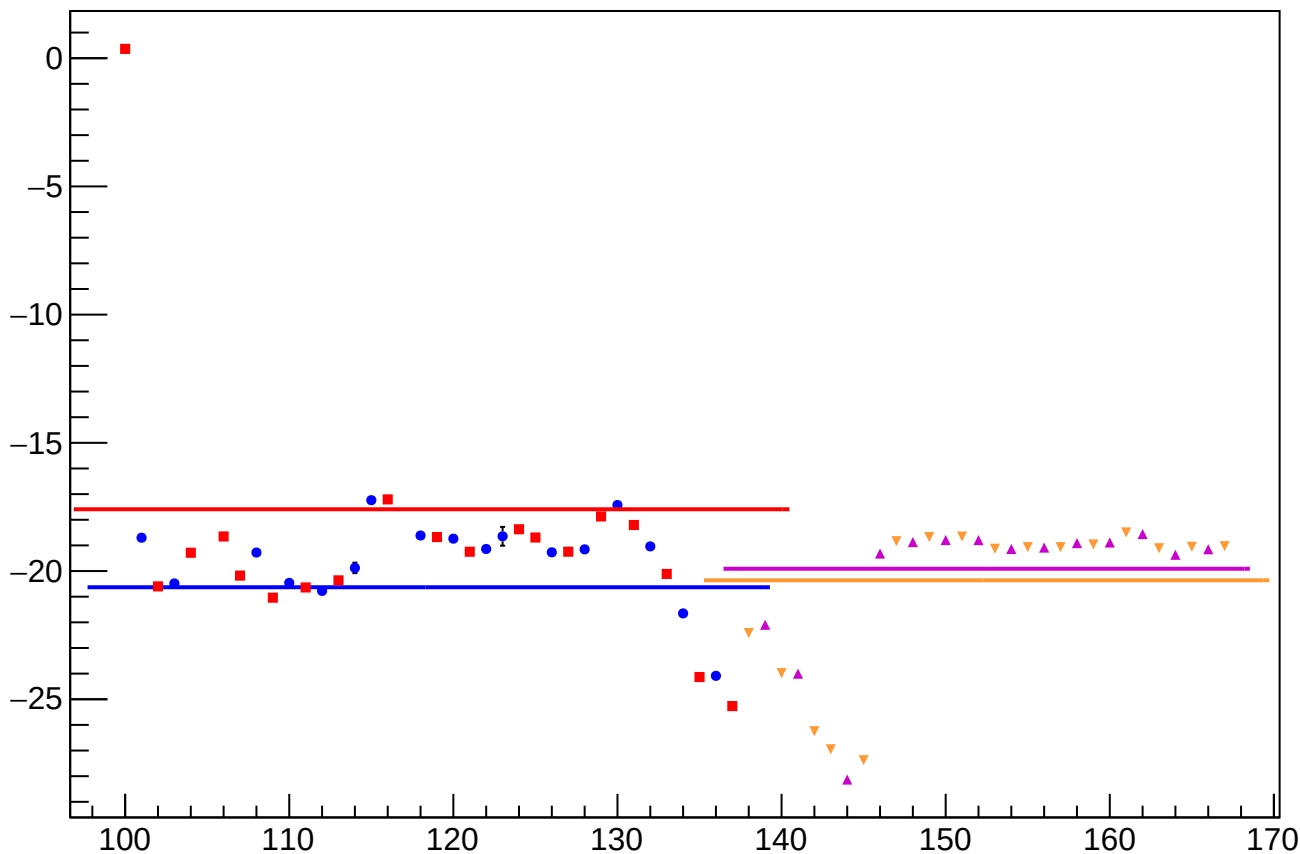
Left In: 7.666 ± 0.218 $\chi^2/\text{NDF}: 579.7/13$

+ sign 7.273 ± 0.180 $\chi^2/\text{NDF}: 1030.3/32$

All: 6.910 ± 0.130 $\chi^2/\text{NDF}: 2150.9/65$

- sign 6.516 ± 0.187 $\chi^2/\text{NDF}: 1112.1/32$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 χ^2/NDF : 12530.8/16

Left Out: -20.361 ± 0.010 χ^2/NDF : 77790.2/15

Right Out: -17.591 ± 0.018 χ^2/NDF : 178680.7/18

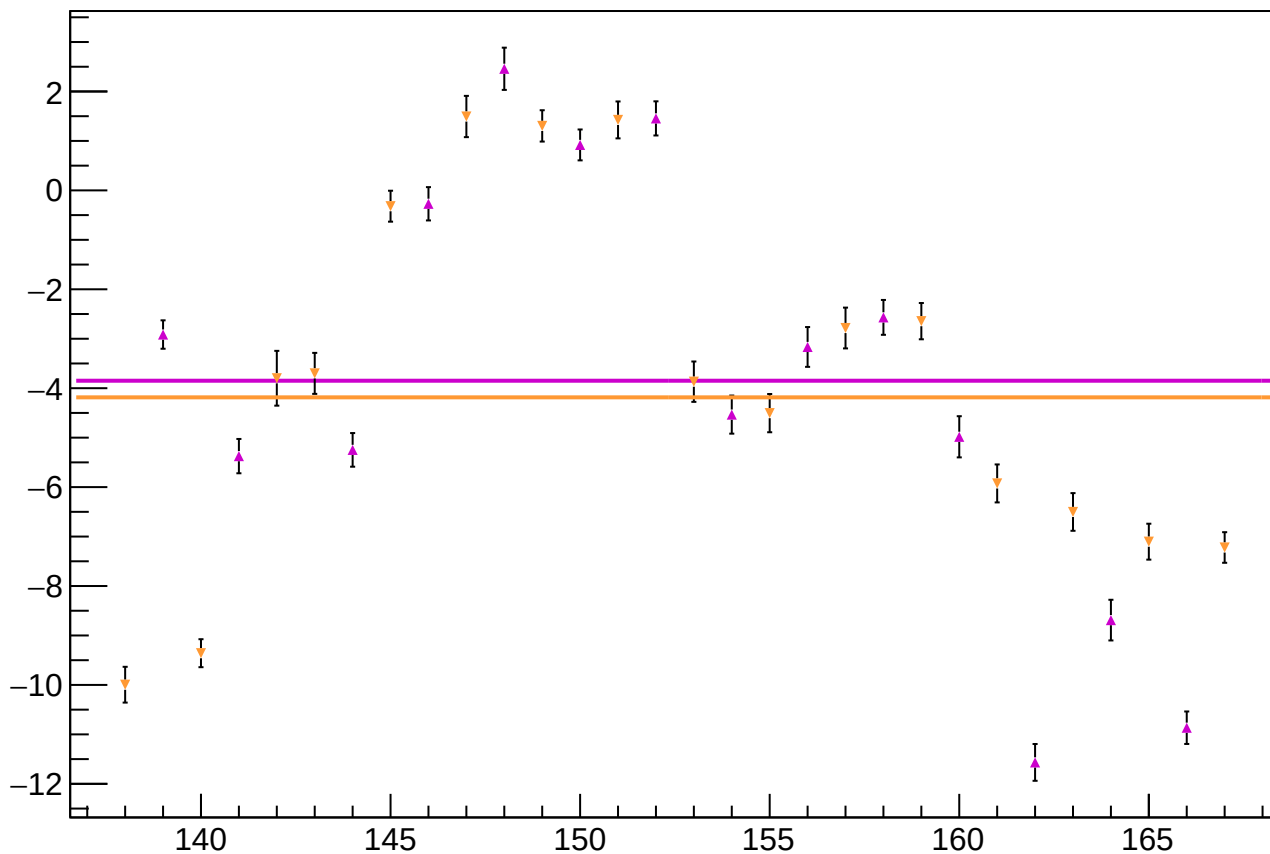
Left In: -19.910 ± 0.010 χ^2/NDF : 48585.4/13

+ sign -20.418 ± 0.009 χ^2/NDF : 90476.5/32

All: -19.882 ± 0.006 χ^2/NDF : 337572.6/65

- sign -19.340 ± 0.009 χ^2/NDF : 239770.2/32

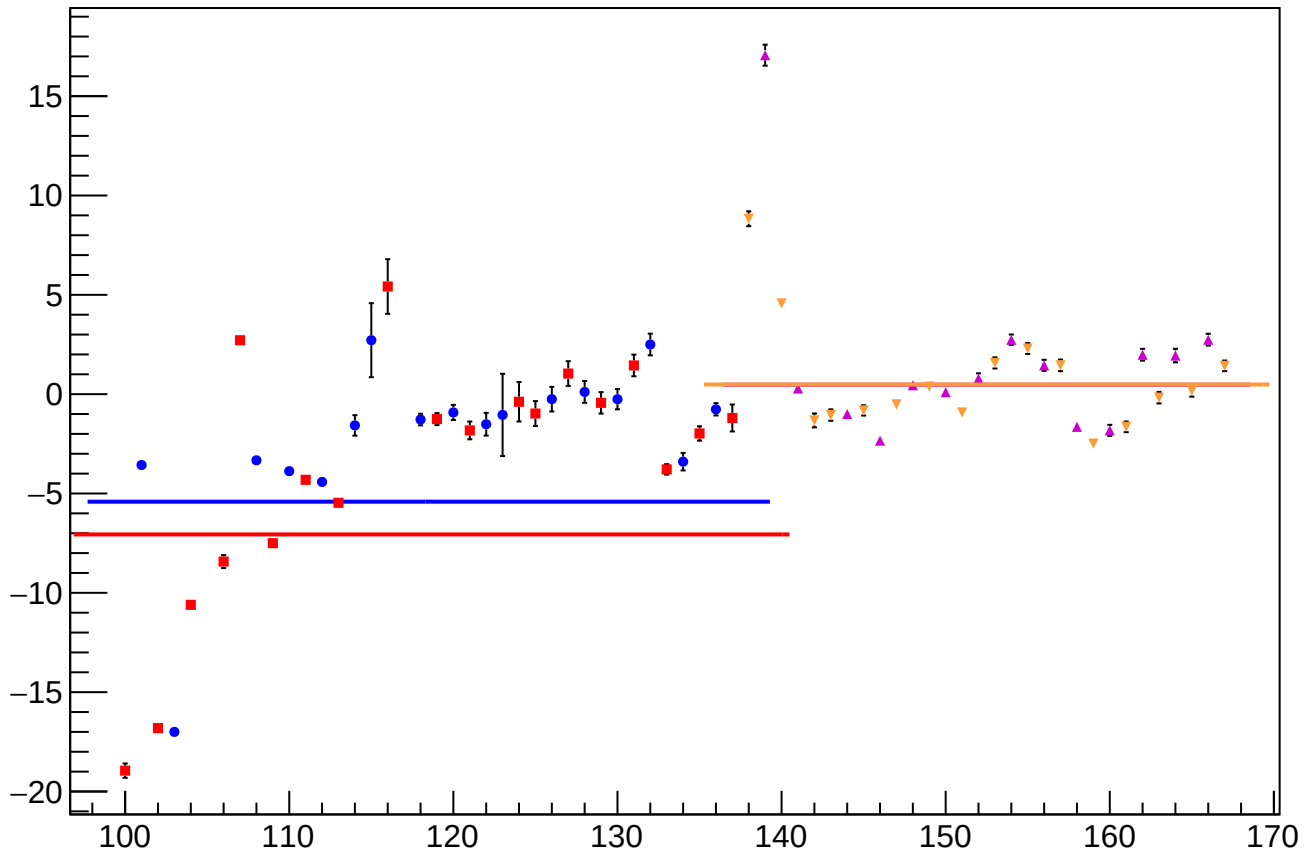
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.185+/-0.091 χ^2/NDF :1707.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.849+/-0.095 χ^2/NDF :1899.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.023+/-0.066 χ^2/NDF : 3612.8/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411 ± 0.055 $\chi^2/\text{NDF}: 9261.2/16$

Left Out: 0.486 ± 0.066 $\chi^2/\text{NDF}: 1233.8/15$

Right Out: -7.060 ± 0.059 $\chi^2/\text{NDF}: 12329.4/18$

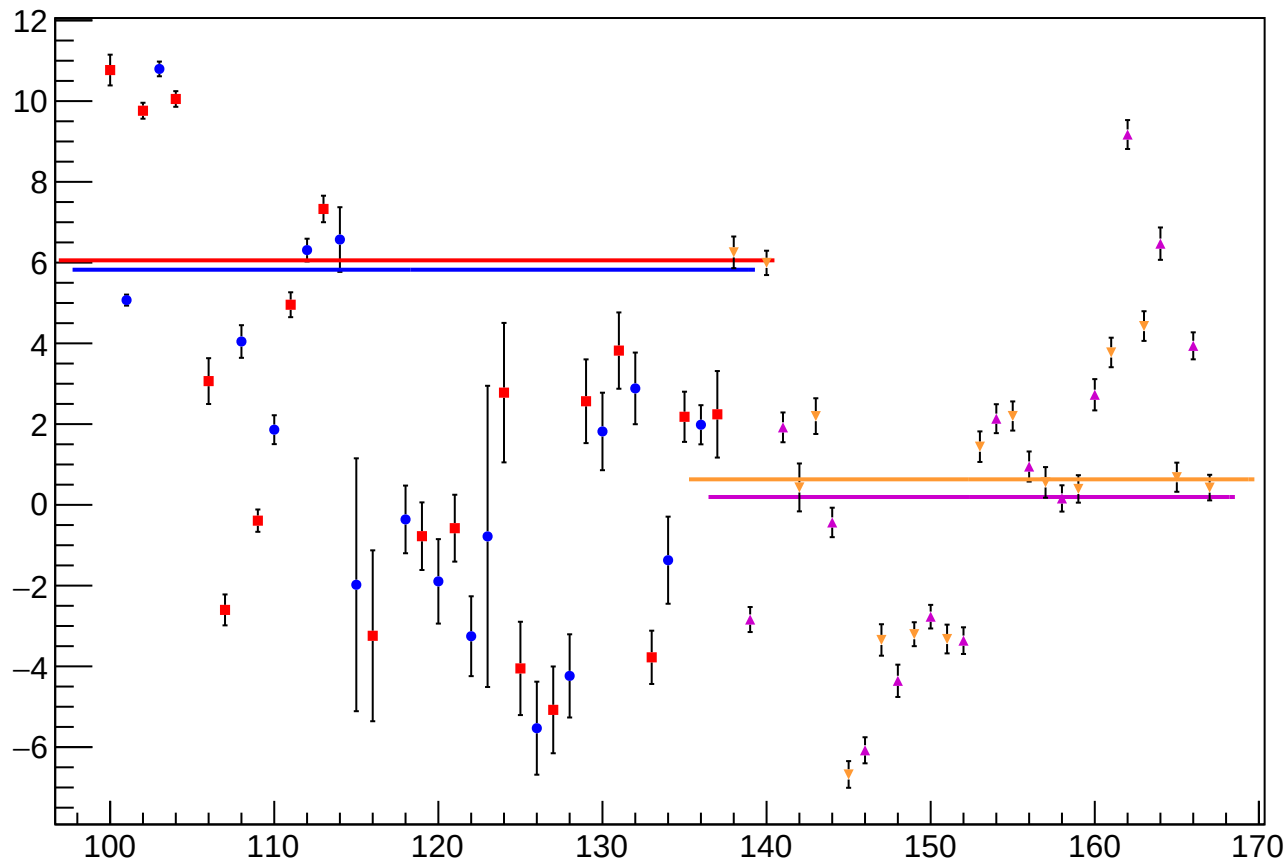
Left In: 0.475 ± 0.070 $\chi^2/\text{NDF}: 1532.0/13$

+ sign -2.988 ± 0.042 $\chi^2/\text{NDF}: 15263.8/32$

All: -3.416 ± 0.031 $\chi^2/\text{NDF}: 36164.9/65$

- sign -3.907 ± 0.045 $\chi^2/\text{NDF}: 20678.6/32$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 $\chi^2/\text{NDF}: 1452.6/16$

Left Out: 0.632 ± 0.090 $\chi^2/\text{NDF}: 1623.3/15$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

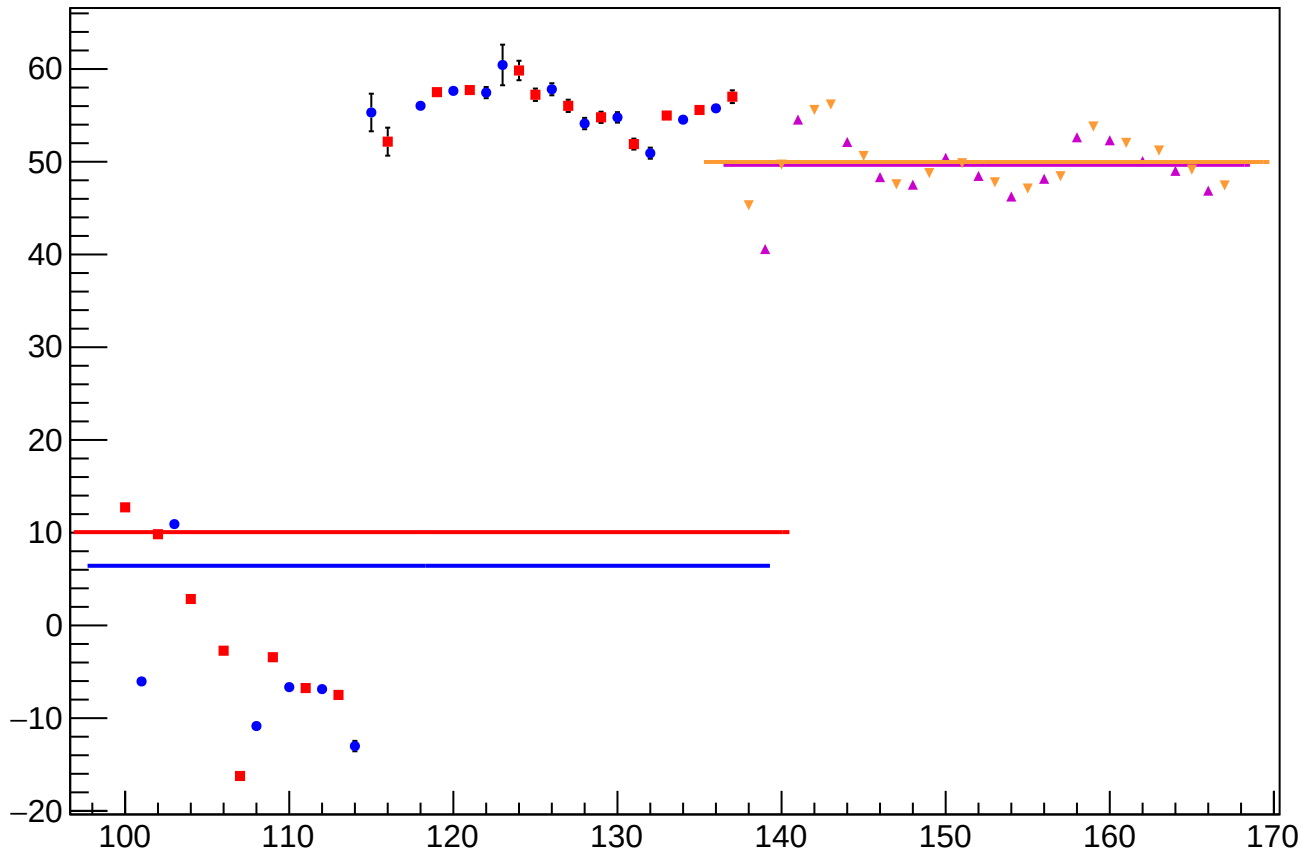
Left In: 0.195 ± 0.093 $\chi^2/\text{NDF}: 1921.5/13$

+ sign 3.243 ± 0.064 $\chi^2/\text{NDF}: 4745.8/32$

All: 3.179 ± 0.046 $\chi^2/\text{NDF}: 11321.2/65$

- sign 3.110 ± 0.066 $\chi^2/\text{NDF}: 6573.3/32$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 49.972 ± 0.076 χ^2/NDF : 1236.2/15

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

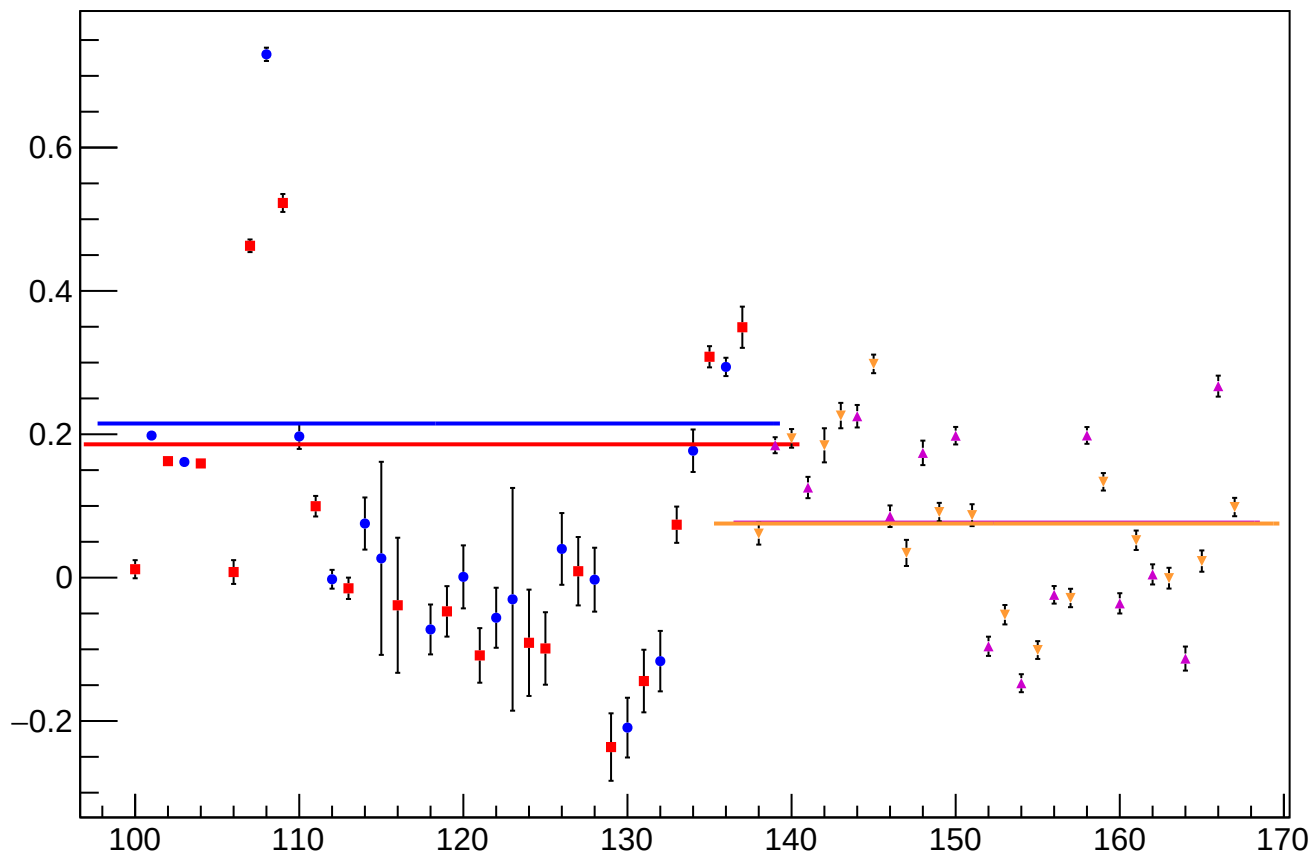
Left In: 49.669 ± 0.080 χ^2/NDF : 1202.5/13

+ sign 24.697 ± 0.049 χ^2/NDF : 314705.7/32

All: 25.823 ± 0.036 χ^2/NDF : 577646.3/65

- sign 27.105 ± 0.053 χ^2/NDF : 261825.7/32

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3930.1/16$

Left Out: 0.075 ± 0.004 $\chi^2/\text{NDF}: 904.8/15$

Right Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2720.3/18$

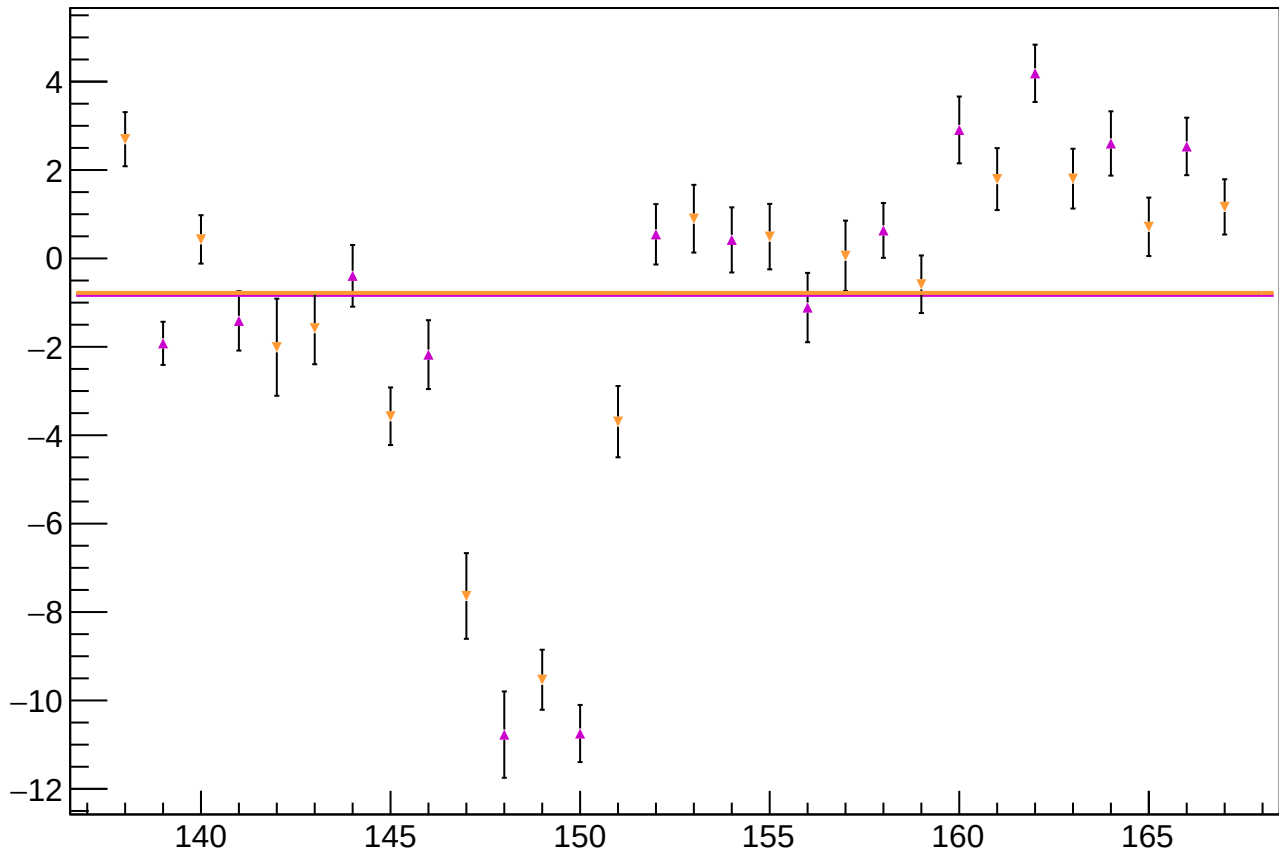
Left In: 0.077 ± 0.004 $\chi^2/\text{NDF}: 1372.4/13$

+ sign 0.162 ± 0.002 $\chi^2/\text{NDF}: 5800.9/32$

All: 0.155 ± 0.002 $\chi^2/\text{NDF}: 10497.8/65$

- sign 0.148 ± 0.002 $\chi^2/\text{NDF}: 4674.7/32$

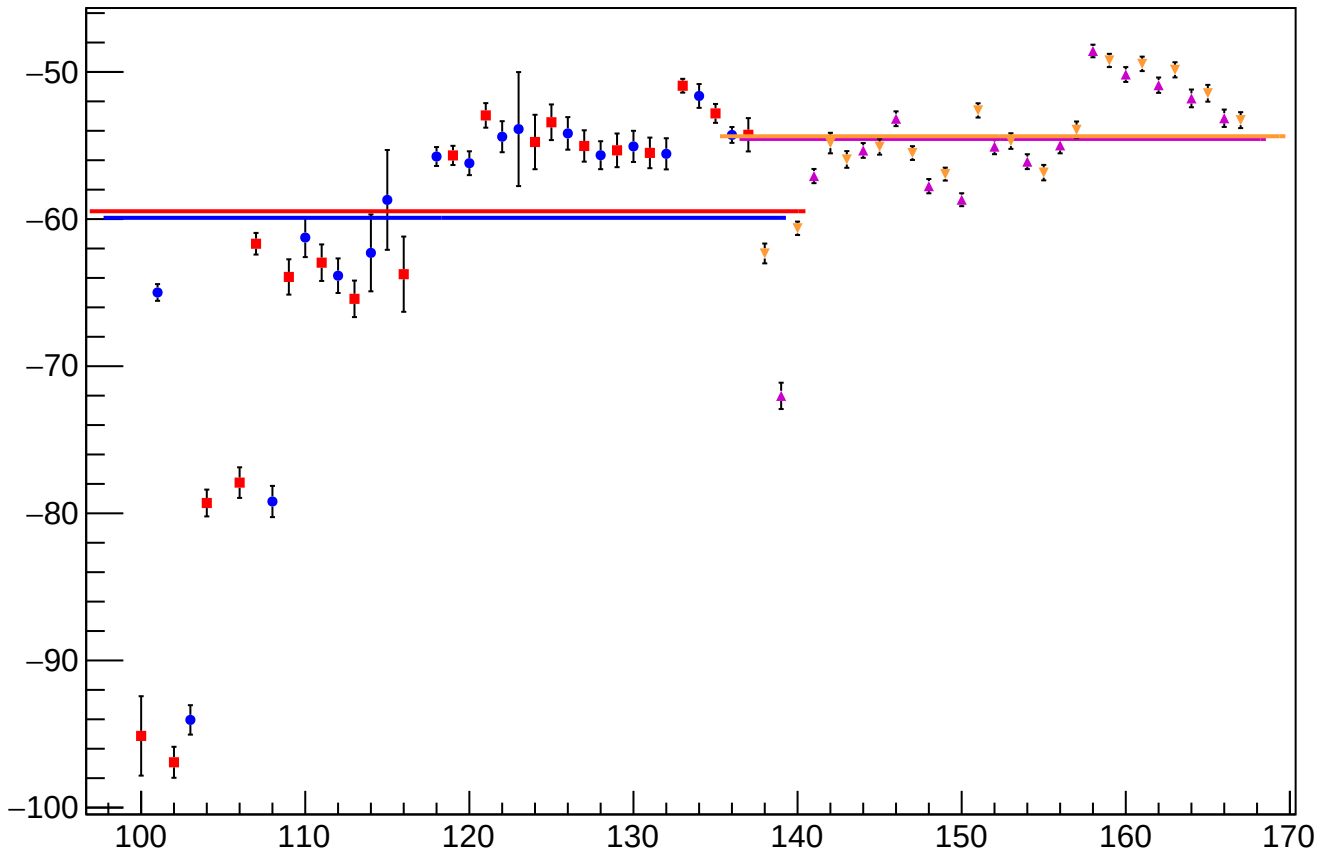
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.779 $\pm$ 0.177 χ^2 /NDF:338.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.825 $\pm$ 0.182 χ^2 /NDF:494.0/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.801 $\pm$ 0.127 χ^2 /NDF: 832.7/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -54.371 ± 0.130 χ^2/NDF : 751.7/15

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

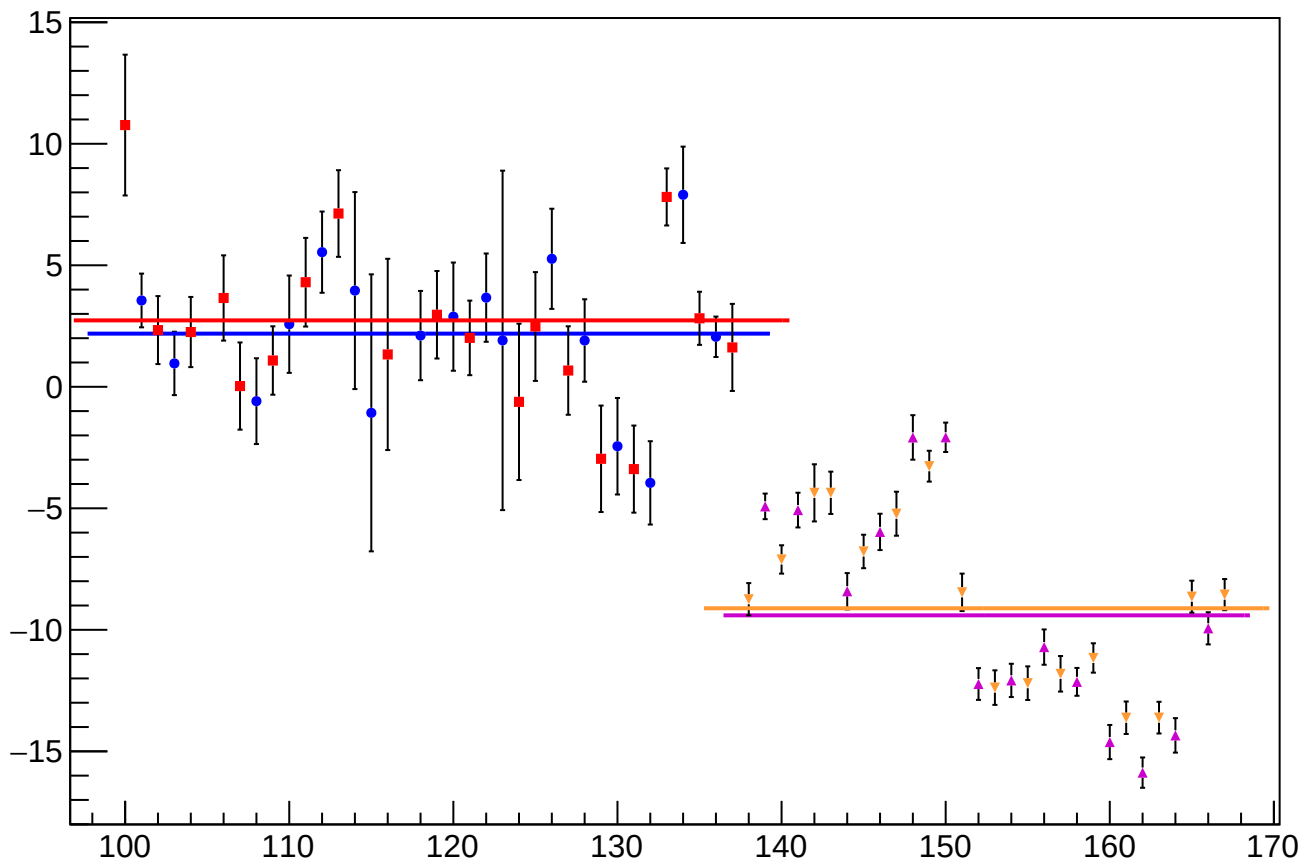
Left In: -54.553 ± 0.138 χ^2/NDF : 905.7/13

+ sign -55.777 ± 0.112 χ^2/NDF : 3192.5/32

All: -55.892 ± 0.081 χ^2/NDF : 7390.4/65

- sign -56.014 ± 0.116 χ^2/NDF : 4195.8/32

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 $\pm$ 0.404 χ^2 /NDF: 39.1/16

Left Out: -9.113 $\pm$ 0.175 χ^2 /NDF: 334.1/15

Right Out: 2.733 $\pm$ 0.388 χ^2 /NDF: 58.9/18

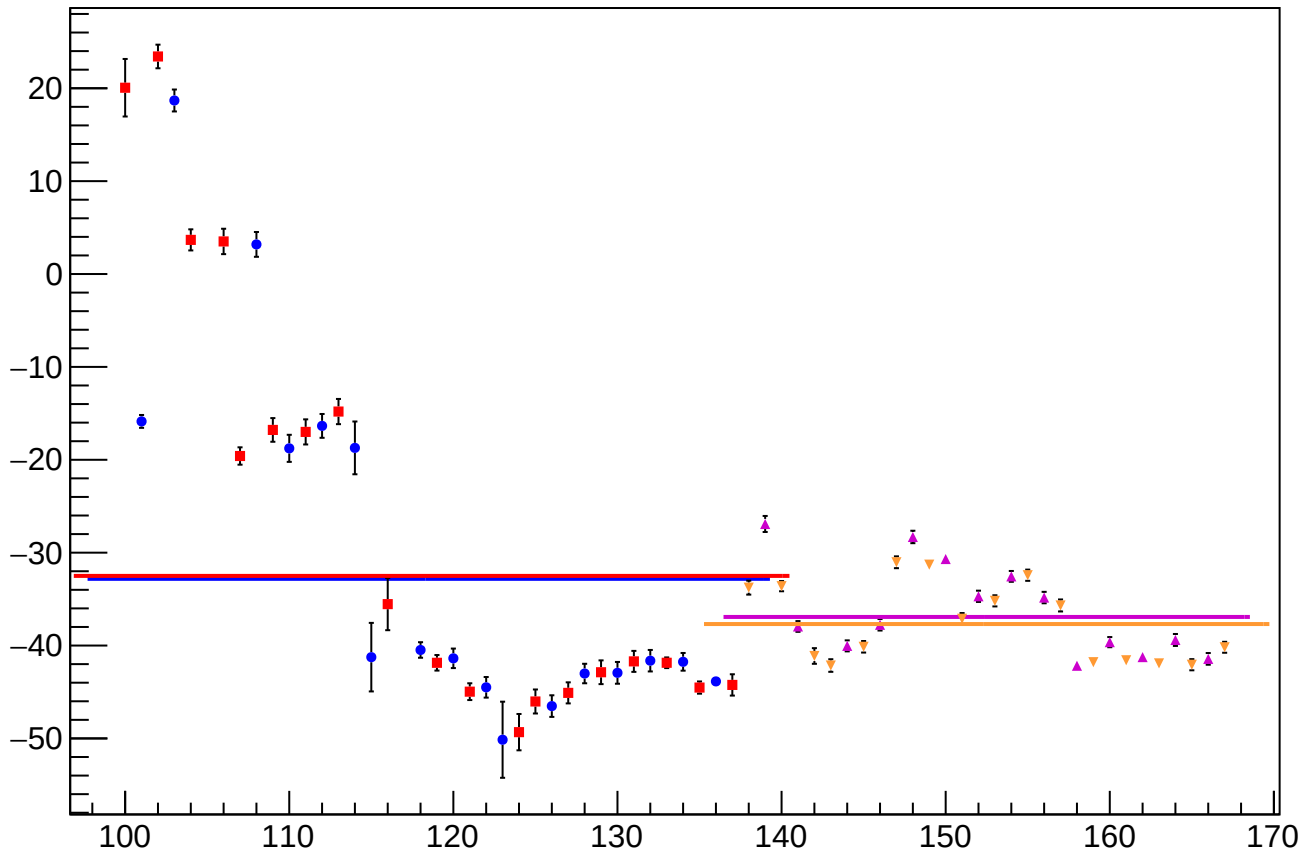
Left In: -9.404 $\pm$ 0.179 χ^2 /NDF: 614.4/13

+ sign -7.333 $\pm$ 0.160 χ^2 /NDF: 1032.2/32

All: -7.306 $\pm$ 0.114 χ^2 /NDF: 2514.2/65

- sign -7.279 $\pm$ 0.162 χ^2 /NDF: 1482.0/32

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: -37.685 ± 0.149 $\chi^2/\text{NDF}: 779.1/15$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

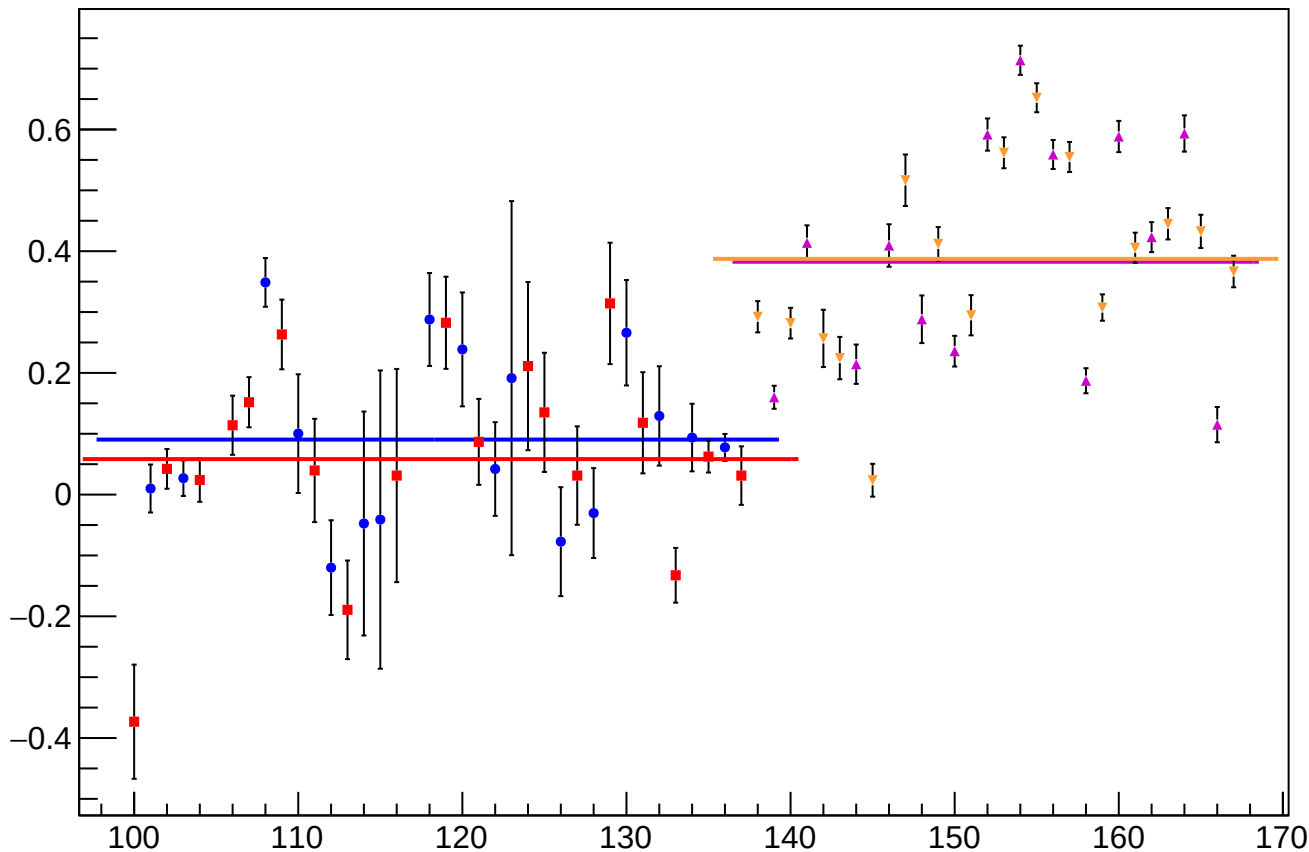
Left In: -36.920 ± 0.157 $\chi^2/\text{NDF}: 853.1/13$

+ sign -36.438 ± 0.129 $\chi^2/\text{NDF}: 5719.0/32$

All: -36.044 ± 0.092 $\chi^2/\text{NDF}: 12861.4/65$

- sign -35.630 ± 0.132 $\chi^2/\text{NDF}: 7123.2/32$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.2/16$

Left Out: 0.387 ± 0.007 $\chi^2/\text{NDF}: 499.7/15$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

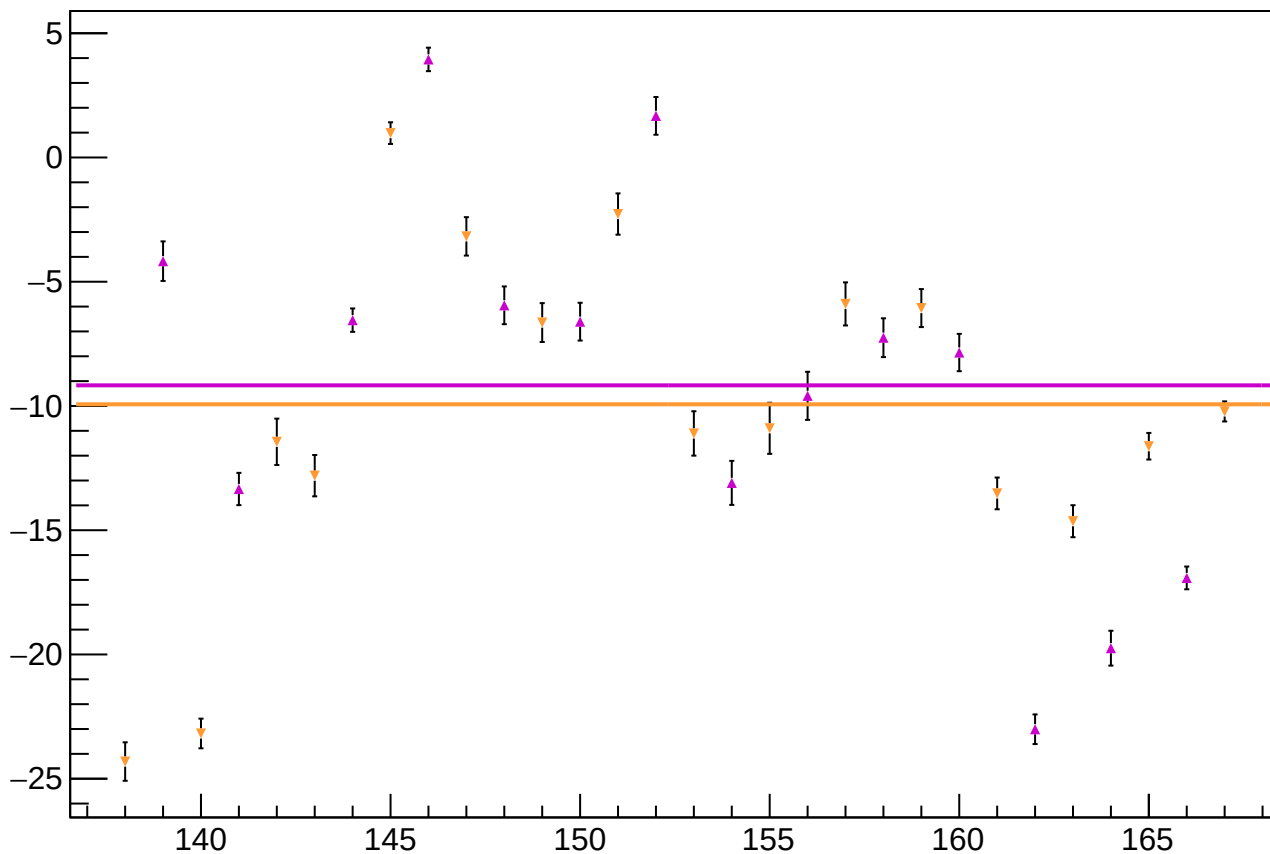
Left In: 0.383 ± 0.007 $\chi^2/\text{NDF}: 807.6/13$

+ sign 0.321 ± 0.006 $\chi^2/\text{NDF}: 1002.8/32$

All: 0.312 ± 0.004 $\chi^2/\text{NDF}: 2440.0/65$

- sign 0.303 ± 0.006 $\chi^2/\text{NDF}: 1432.5/32$

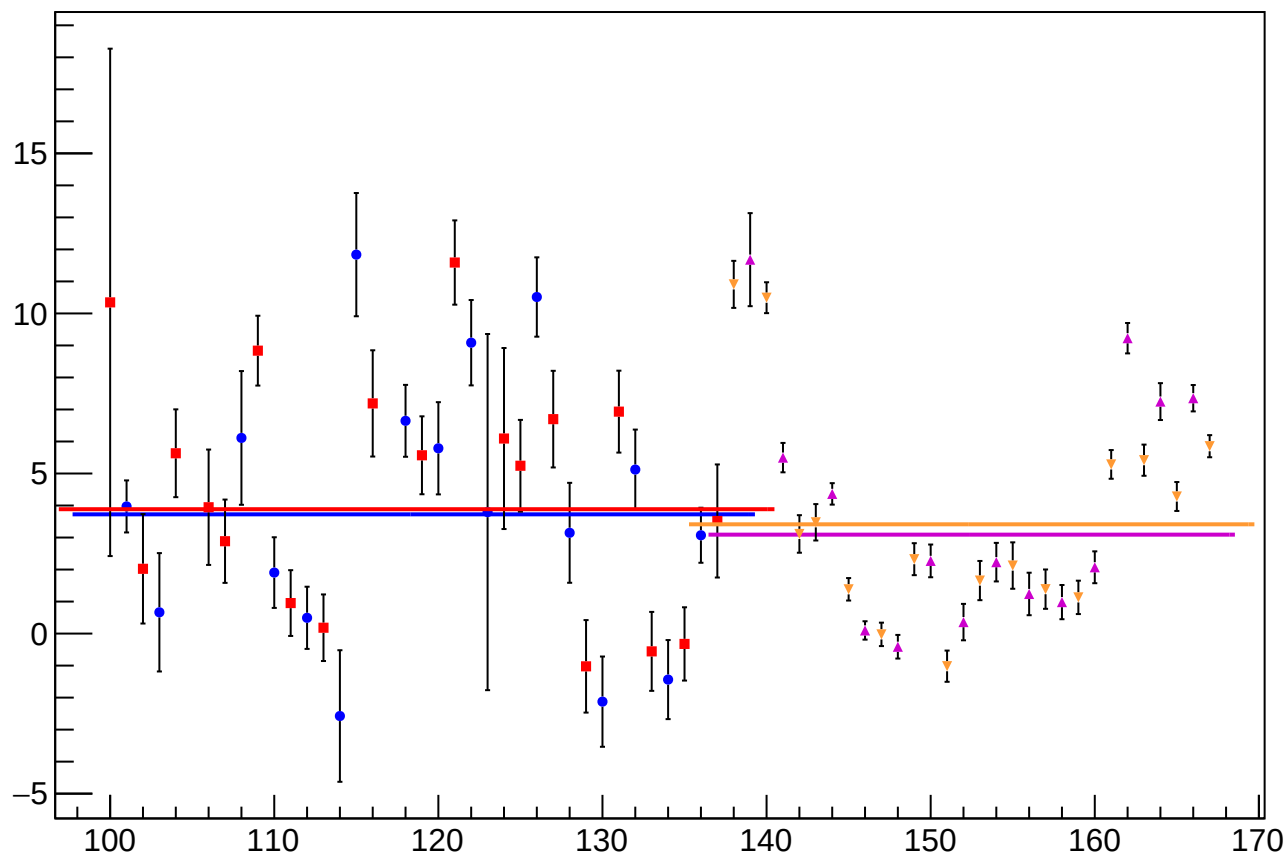
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.933+/-0.165 χ^2/NDF : 1802.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.170+/-0.173 χ^2/NDF : 2196.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.569+/-0.119 χ^2/NDF : 4009.5/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 3.413 ± 0.120 χ^2/NDF : 658.0/15

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

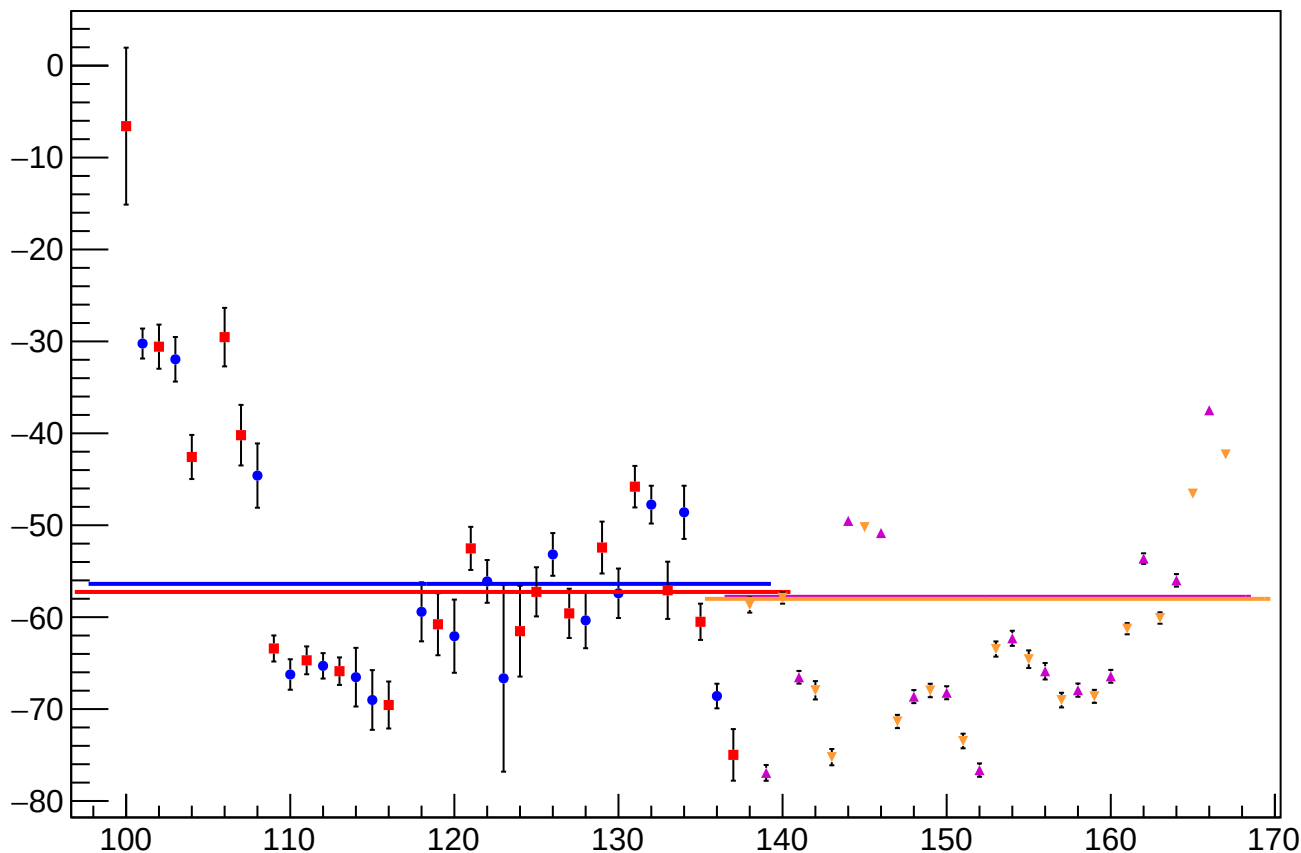
Left In: 3.090 ± 0.123 χ^2/NDF : 656.9/13

+ sign 3.454 ± 0.112 χ^2/NDF : 795.6/32

All: 3.327 ± 0.080 χ^2/NDF : 1595.0/65

- sign 3.194 ± 0.114 χ^2/NDF : 796.7/32

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 $\chi^2/\text{NDF}: 587.4/16$

Left Out: -58.007 ± 0.164 $\chi^2/\text{NDF}: 4118.9/15$

Right Out: -57.258 ± 0.536 $\chi^2/\text{NDF}: 476.1/18$

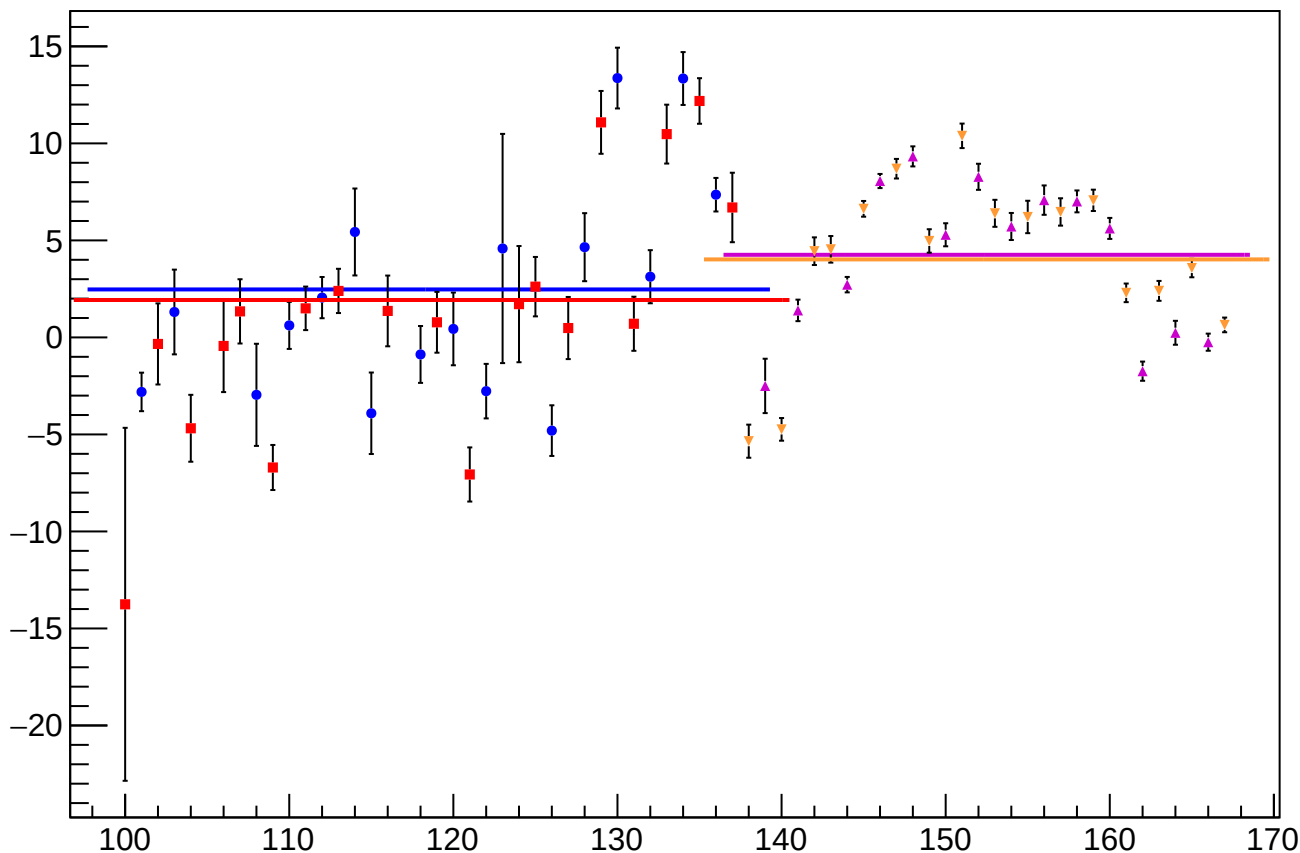
Left In: -57.786 ± 0.170 $\chi^2/\text{NDF}: 4698.3/13$

+ sign -57.869 ± 0.157 $\chi^2/\text{NDF}: 4714.5/32$

All: -57.805 ± 0.113 $\chi^2/\text{NDF}: 9890.1/65$

- sign -57.737 ± 0.162 $\chi^2/\text{NDF}: 5175.3/32$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 4.020 ± 0.139 χ^2/NDF : 742.3/15

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

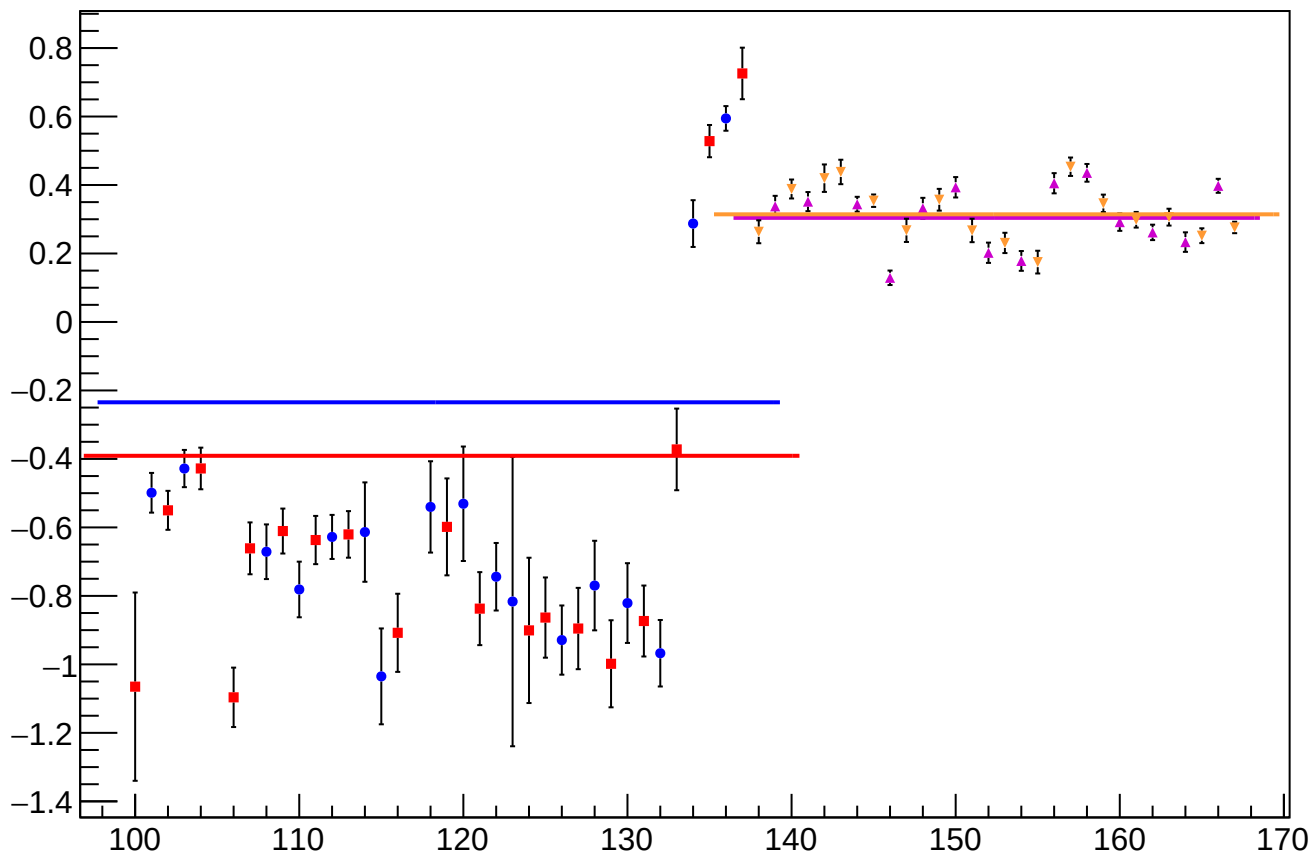
Left In: 4.257 ± 0.143 χ^2/NDF : 650.9/13

+ sign 3.806 ± 0.129 χ^2/NDF : 1003.2/32

All: 3.866 ± 0.092 χ^2/NDF : 1958.2/65

- sign 3.930 ± 0.133 χ^2/NDF : 954.6/32

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.314 ± 0.007 χ^2/NDF : 106.9/15

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

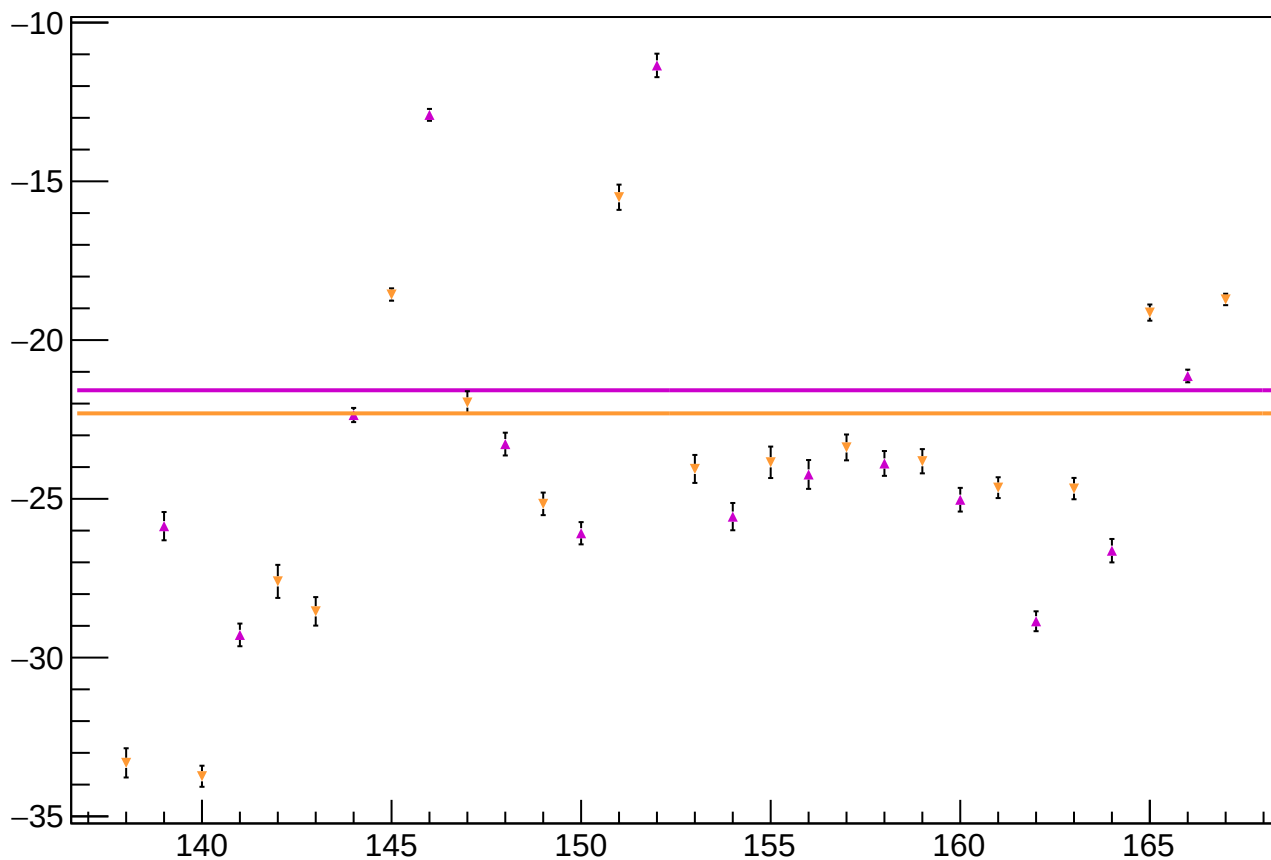
Left In: 0.304 ± 0.007 χ^2/NDF : 184.8/13

+ sign 0.256 ± 0.006 χ^2/NDF : 1821.5/32

All: 0.240 ± 0.004 χ^2/NDF : 4060.1/65

- sign 0.223 ± 0.006 χ^2/NDF : 2224.8/32

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -22.308+/-0.080 χ^2/NDF : 3480.5/15

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

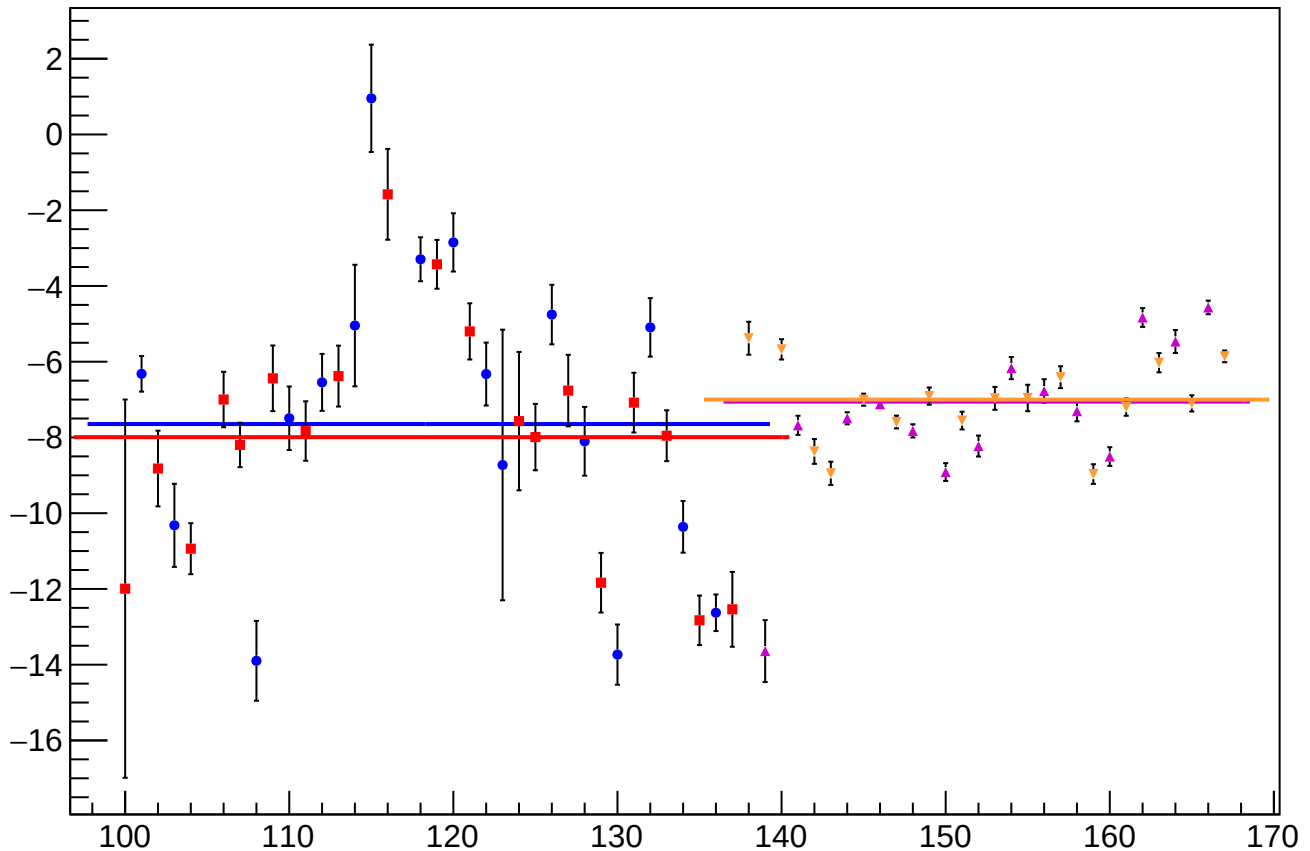
Left In: -21.581+/-0.081 χ^2/NDF : 4637.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.952+/-0.057 χ^2/NDF : 8158.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.000 ± 0.058 χ^2/NDF : 245.7/15

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

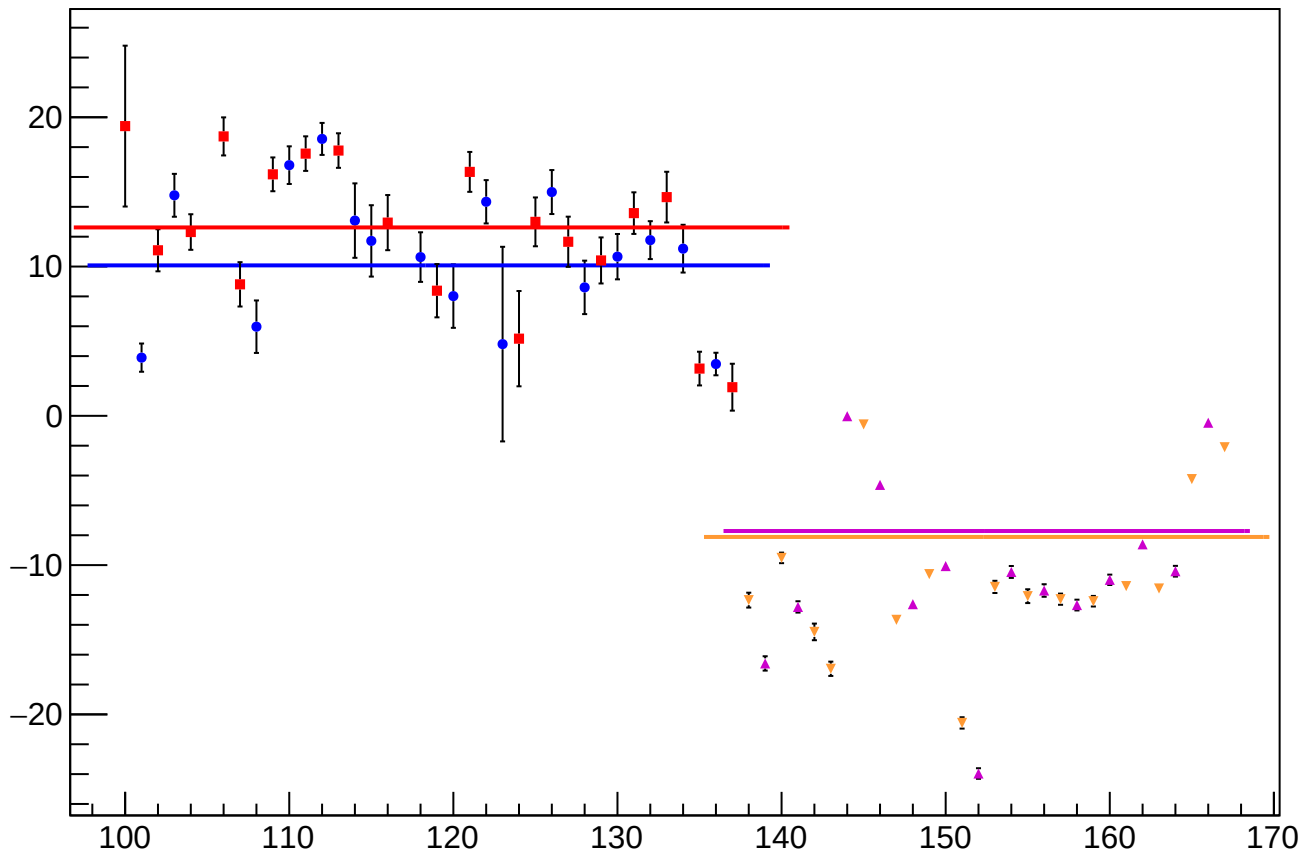
Left In: -7.055 ± 0.057 χ^2/NDF : 522.5/13

+ sign -7.058 ± 0.056 χ^2/NDF : 650.3/32

All: -7.098 ± 0.039 χ^2/NDF : 1422.5/65

- sign -7.136 ± 0.055 χ^2/NDF : 771.2/32

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -8.114 ± 0.079 $\chi^2/\text{NDF}: 5229.3/15$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

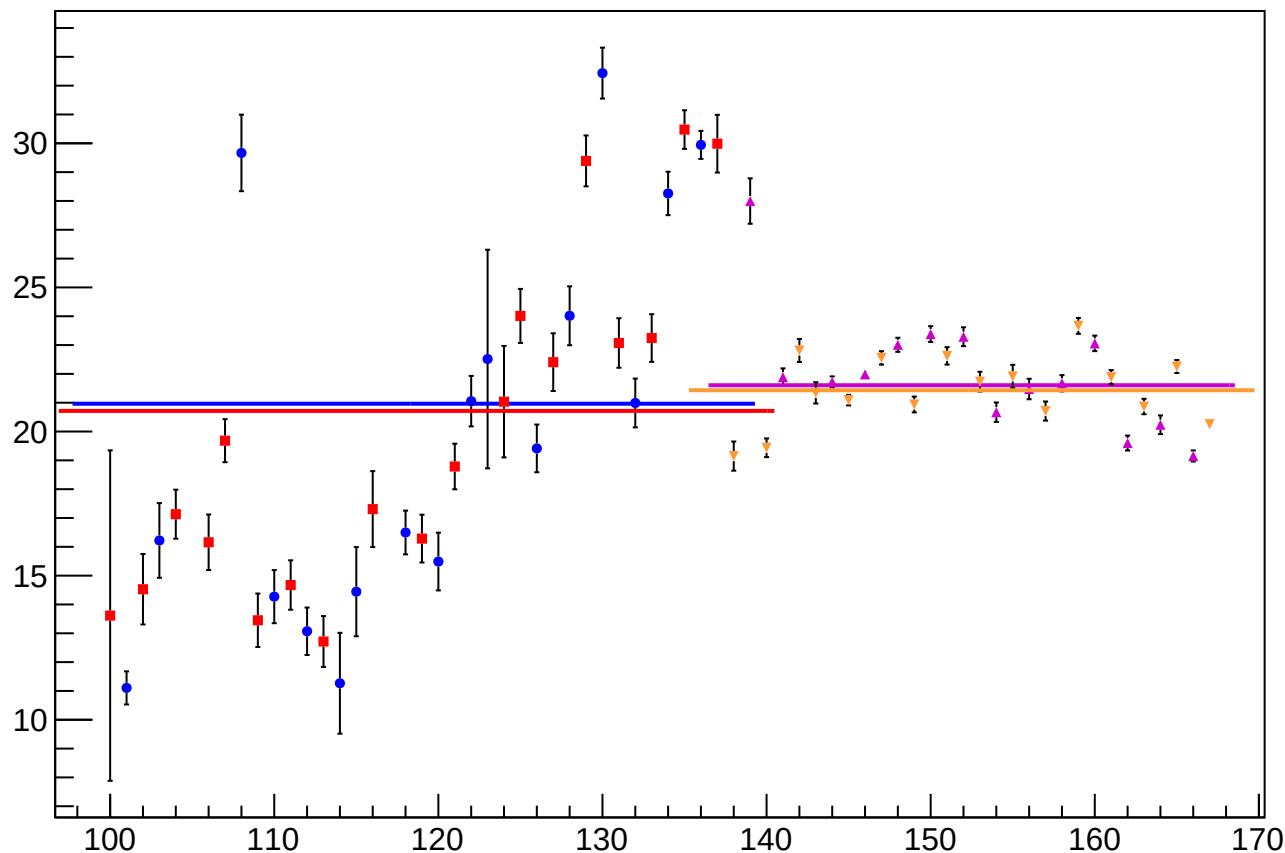
Left In: -7.716 ± 0.080 $\chi^2/\text{NDF}: 5964.1/13$

+ sign -7.155 ± 0.077 $\chi^2/\text{NDF}: 8246.0/32$

All: -6.881 ± 0.055 $\chi^2/\text{NDF}: 17992.8/65$

- sign -6.603 ± 0.078 $\chi^2/\text{NDF}: 9721.4/32$

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: 21.433 $\pm$ 0.067 χ^2 /NDF: 258.3/15

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

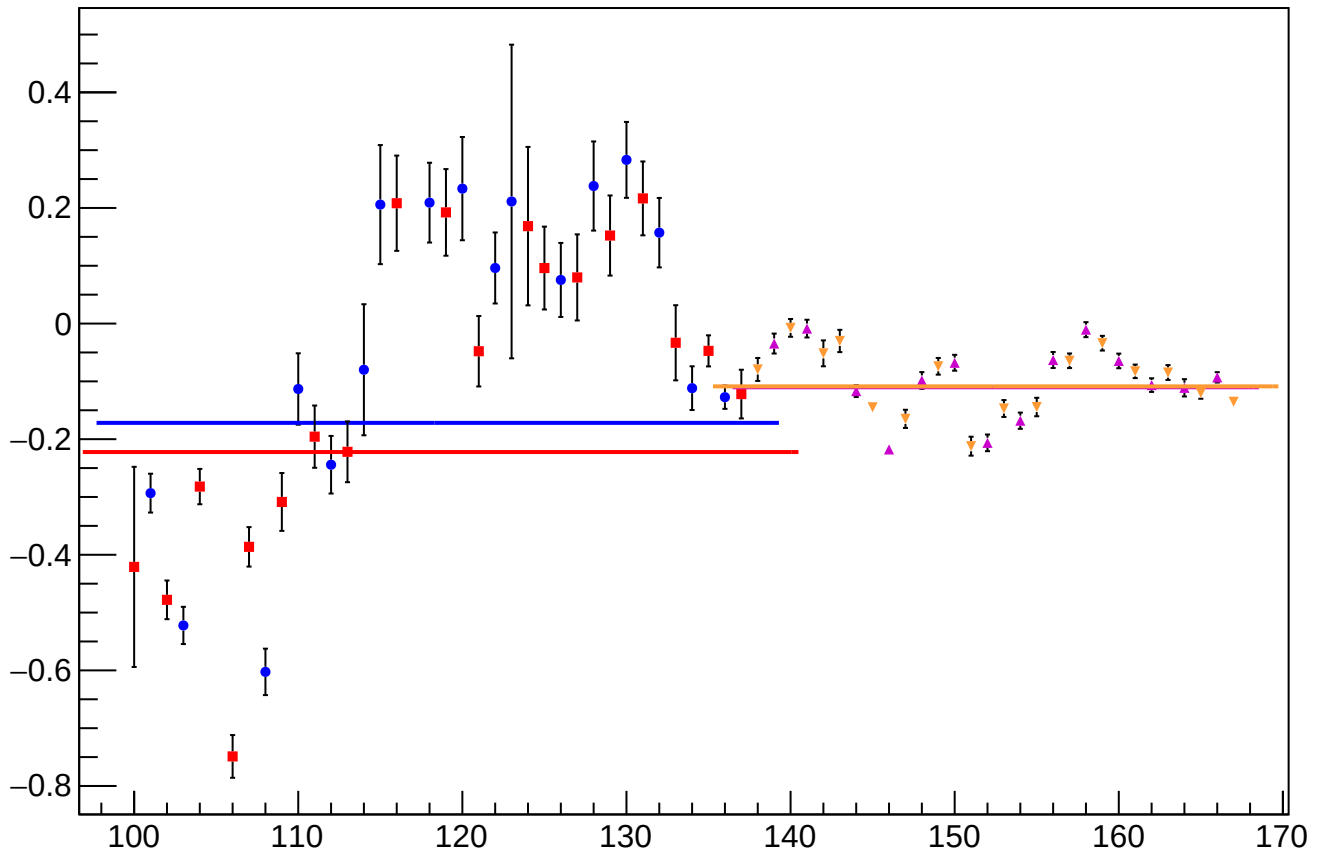
Left In: 21.606 $\pm$ 0.067 χ^2 /NDF: 451.7/13

+ sign 21.389 $\pm$ 0.064 χ^2 /NDF: 1488.3/32

All: 21.457 $\pm$ 0.045 χ^2 /NDF: 2688.1/65

- sign 21.525 $\pm$ 0.064 χ^2 /NDF: 1197.6/32

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.109 ± 0.003 χ^2/NDF : 227.9/15

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

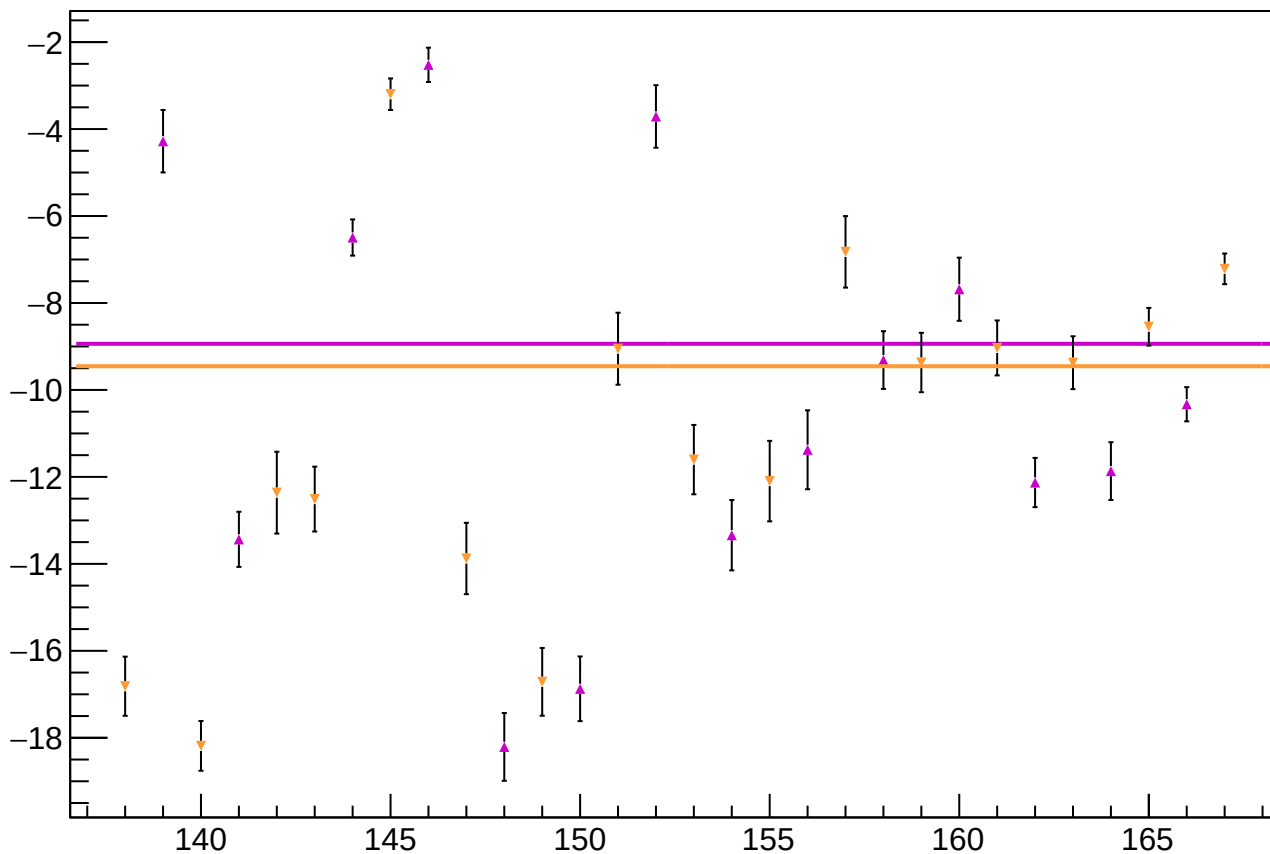
Left In: -0.110 ± 0.003 χ^2/NDF : 384.6/13

+ sign -0.113 ± 0.003 χ^2/NDF : 721.6/32

All: -0.116 ± 0.002 χ^2/NDF : 1740.4/65

- sign -0.119 ± 0.003 χ^2/NDF : 1016.8/32

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.454 $\pm$ 0.149 χ^2 /NDF: 860.8/15

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

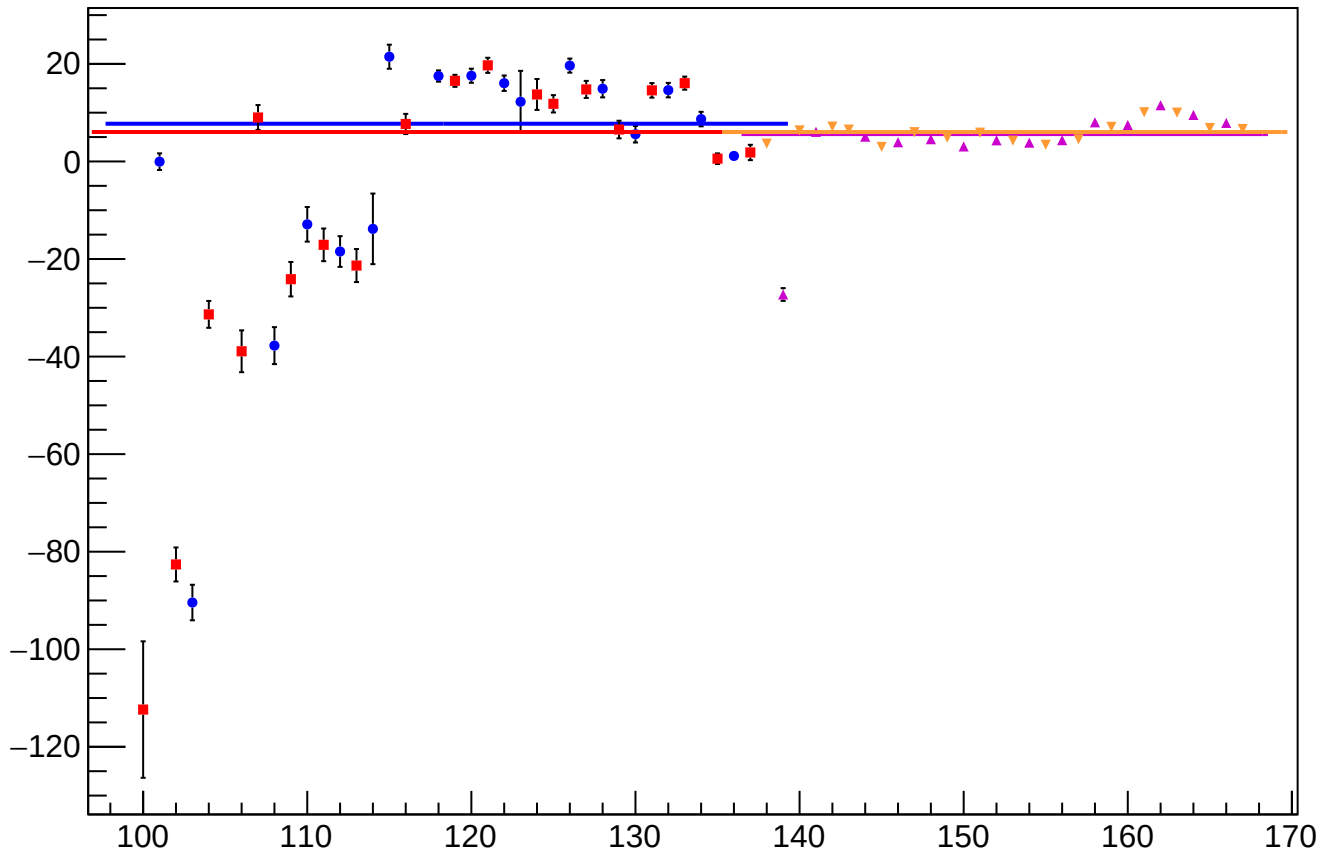
Left In: -8.939 $\pm$ 0.157 χ^2 /NDF: 803.5/13

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

All: -9.210 $\pm$ 0.108 χ^2 /NDF: 1669.9/29

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

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.403 $\chi^2/\text{NDF}: 1358.4/16$

Left Out: 6.033 ± 0.110 $\chi^2/\text{NDF}: 342.2/15$

Right Out: 6.040 ± 0.434 $\chi^2/\text{NDF}: 1512.1/18$

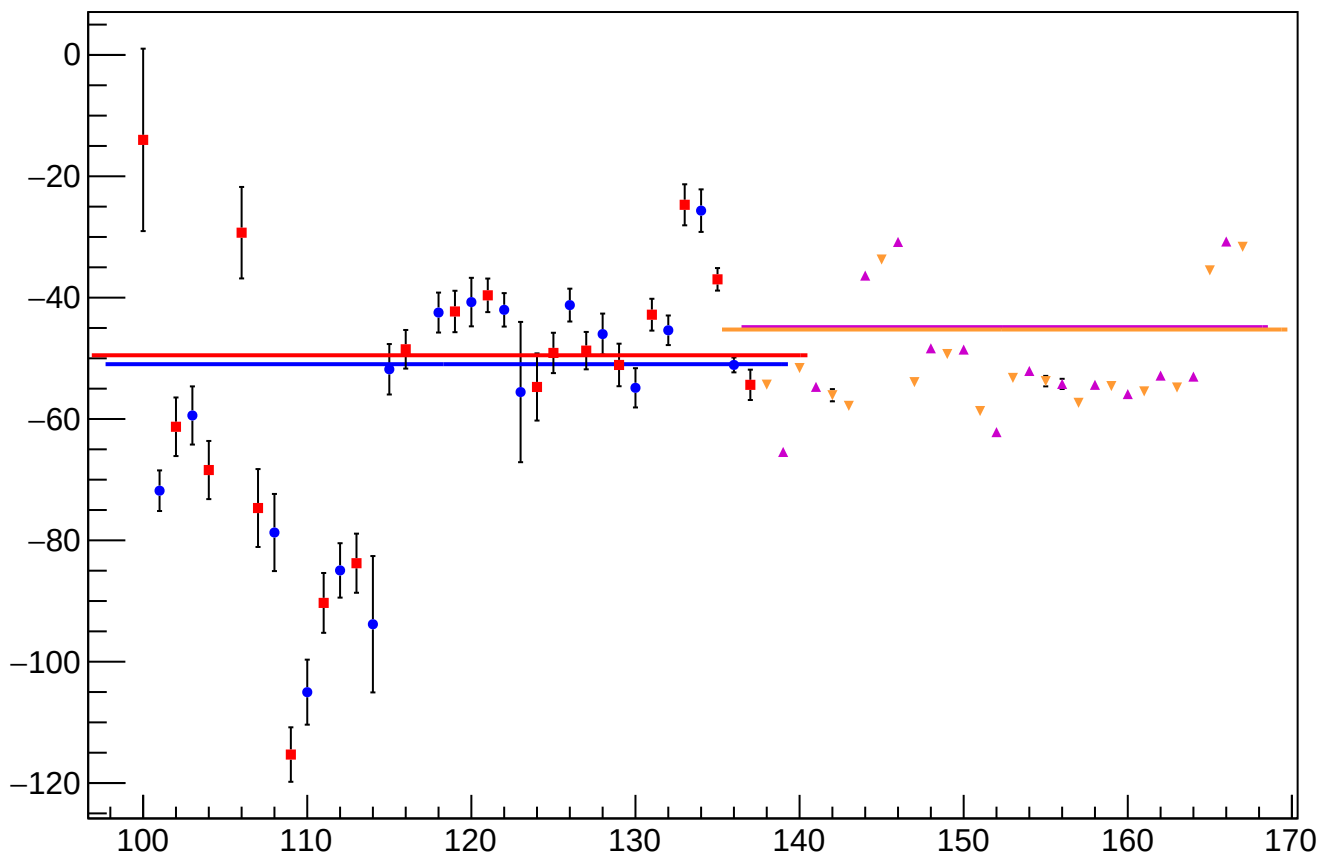
Left In: 5.612 ± 0.113 $\chi^2/\text{NDF}: 1042.5/13$

+ sign 6.152 ± 0.106 $\chi^2/\text{NDF}: 1717.2/32$

All: 5.902 ± 0.076 $\chi^2/\text{NDF}: 4284.1/65$

- sign 5.639 ± 0.109 $\chi^2/\text{NDF}: 2555.5/32$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -45.254 ± 0.149 χ^2/NDF : 5133.7/15

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

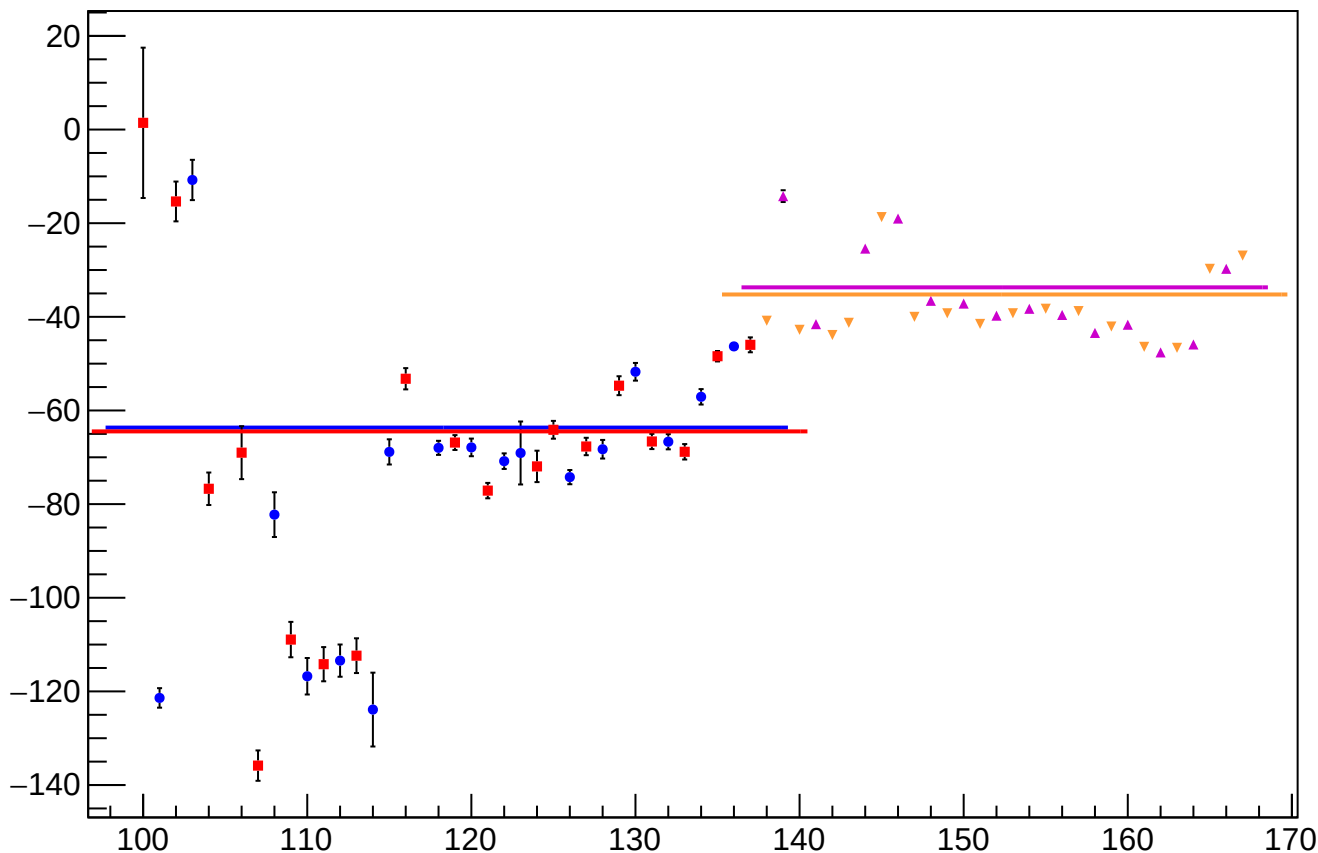
Left In: -44.861 ± 0.154 χ^2/NDF : 5669.8/13

+ sign -45.478 ± 0.146 χ^2/NDF : 5523.9/32

All: -45.262 ± 0.105 χ^2/NDF : 11741.3/65

- sign -45.029 ± 0.152 χ^2/NDF : 6212.8/32

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -35.224 ± 0.126 χ^2/NDF : 5376.4/15

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

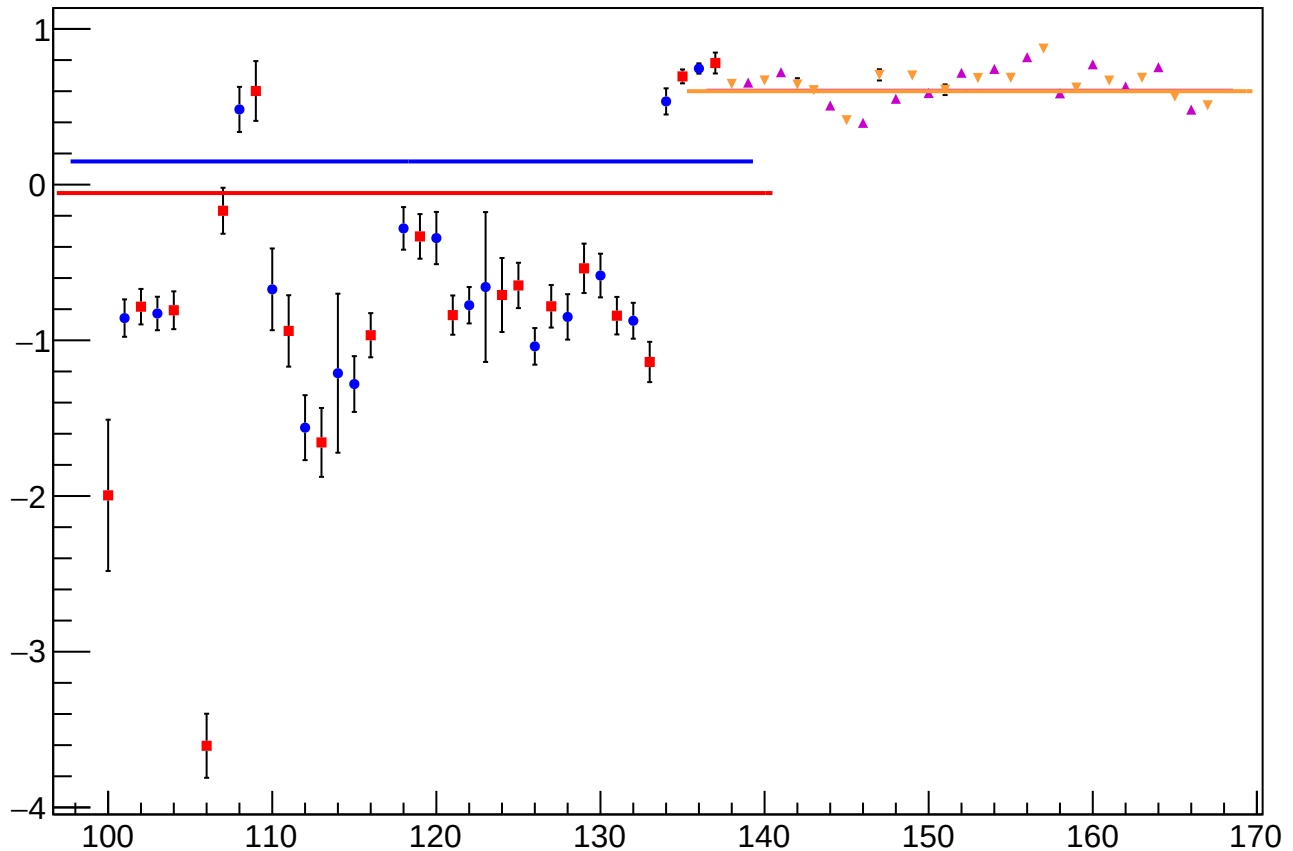
Left In: -33.703 ± 0.131 χ^2/NDF : 5521.4/13

+ sign -37.344 ± 0.122 χ^2/NDF : 11162.9/32

All: -36.613 ± 0.088 χ^2/NDF : 22152.3/65

- sign -35.821 ± 0.127 χ^2/NDF : 10914.3/32

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: 0.600 ± 0.006 $\chi^2/\text{NDF}: 379.4/15$

Right Out: -0.054 ± 0.026 $\chi^2/\text{NDF}: 1167.9/18$

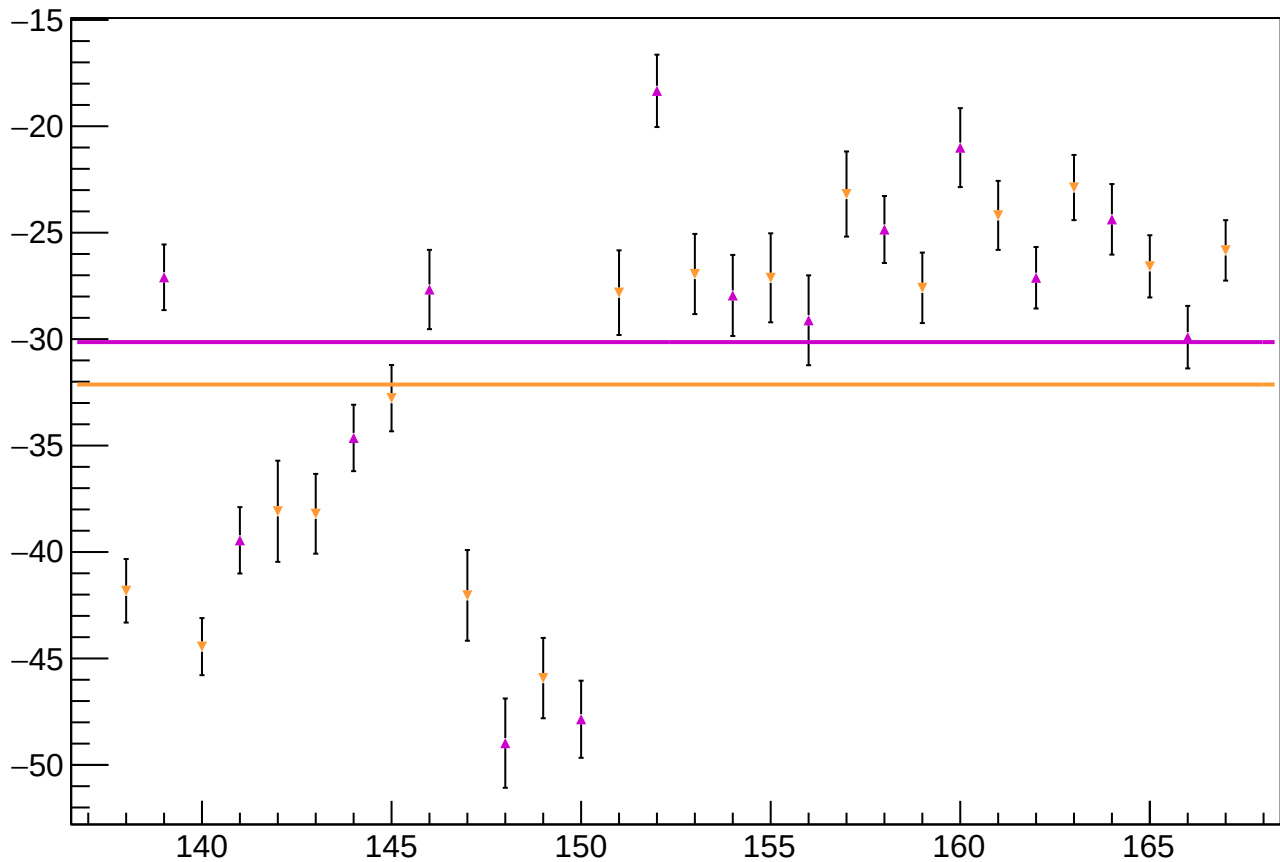
Left In: 0.603 ± 0.006 $\chi^2/\text{NDF}: 417.9/13$

+ sign 0.574 ± 0.006 $\chi^2/\text{NDF}: 1703.4/32$

All: 0.571 ± 0.004 $\chi^2/\text{NDF}: 3884.6/65$

- sign 0.567 ± 0.006 $\chi^2/\text{NDF}: 2180.4/32$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.132+/-0.425 χ^2/NDF : 358.6/15

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

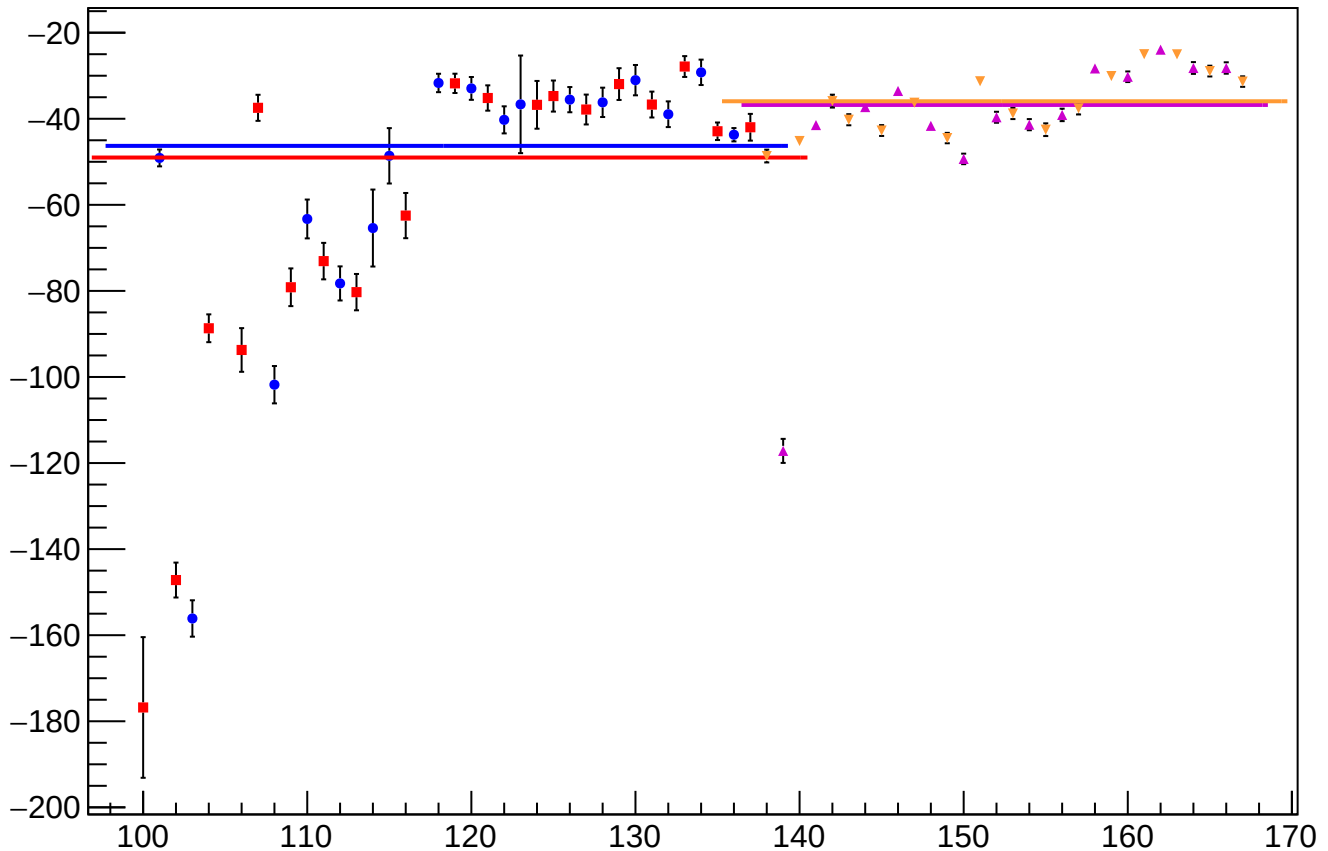
Left In: -30.140+/-0.451 χ^2/NDF : 327.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.195+/-0.309 χ^2/NDF : 696.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -35.933 ± 0.309 χ^2/NDF : 528.5/15

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

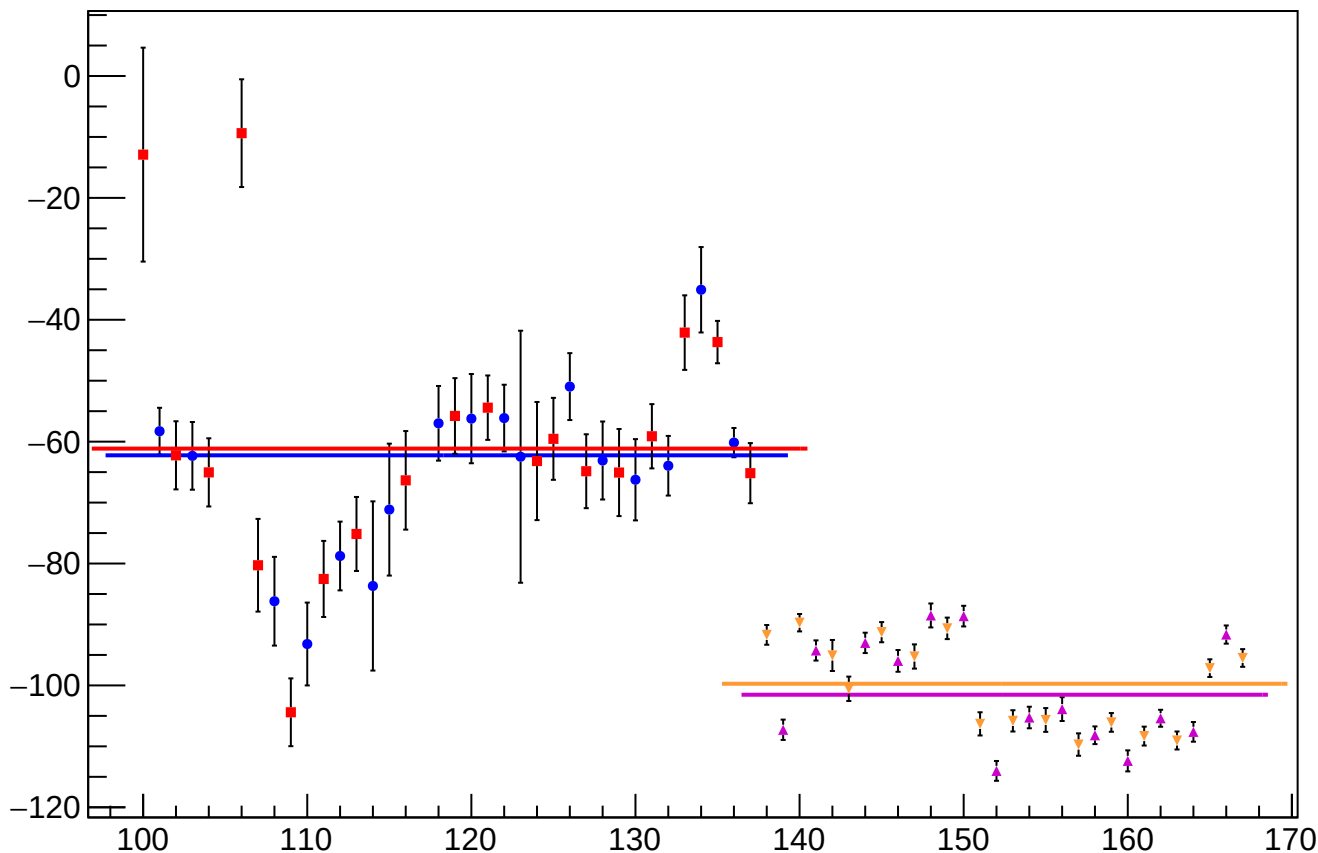
Left In: -36.789 ± 0.330 χ^2/NDF : 1296.6/13

+ sign -37.534 ± 0.284 χ^2/NDF : 1786.5/32

All: -38.085 ± 0.207 χ^2/NDF : 4578.5/65

- sign -38.712 ± 0.303 χ^2/NDF : 2783.9/32

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -99.730 ± 0.422 χ^2/NDF : 296.9/15

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

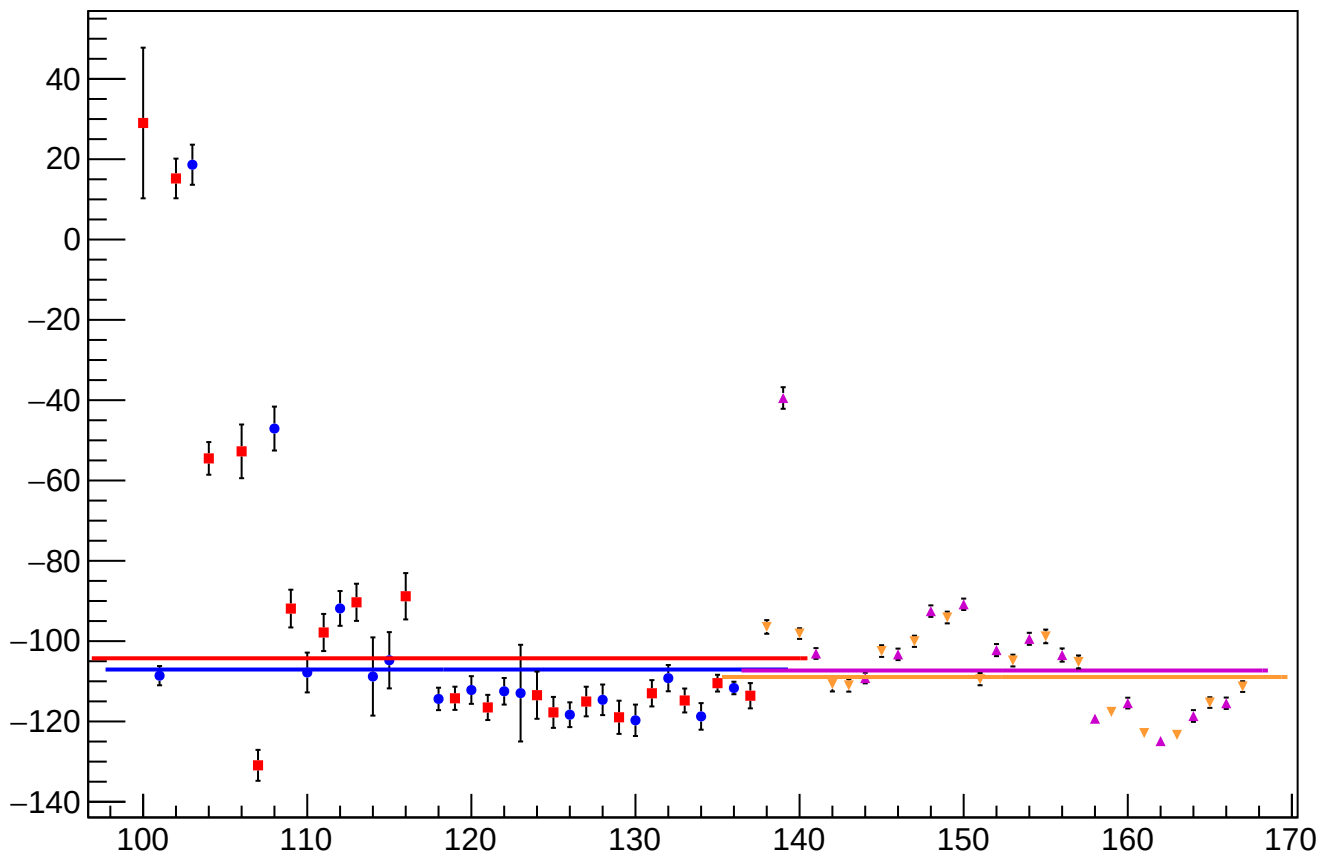
Left In: -101.529 ± 0.442 χ^2/NDF : 359.7/13

+ sign -96.212 ± 0.401 χ^2/NDF : 1106.2/32

All: -96.955 ± 0.290 χ^2/NDF : 2416.2/65

- sign -97.771 ± 0.421 χ^2/NDF : 1302.7/32

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -108.935 ± 0.356 χ^2/NDF : 684.7/15

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

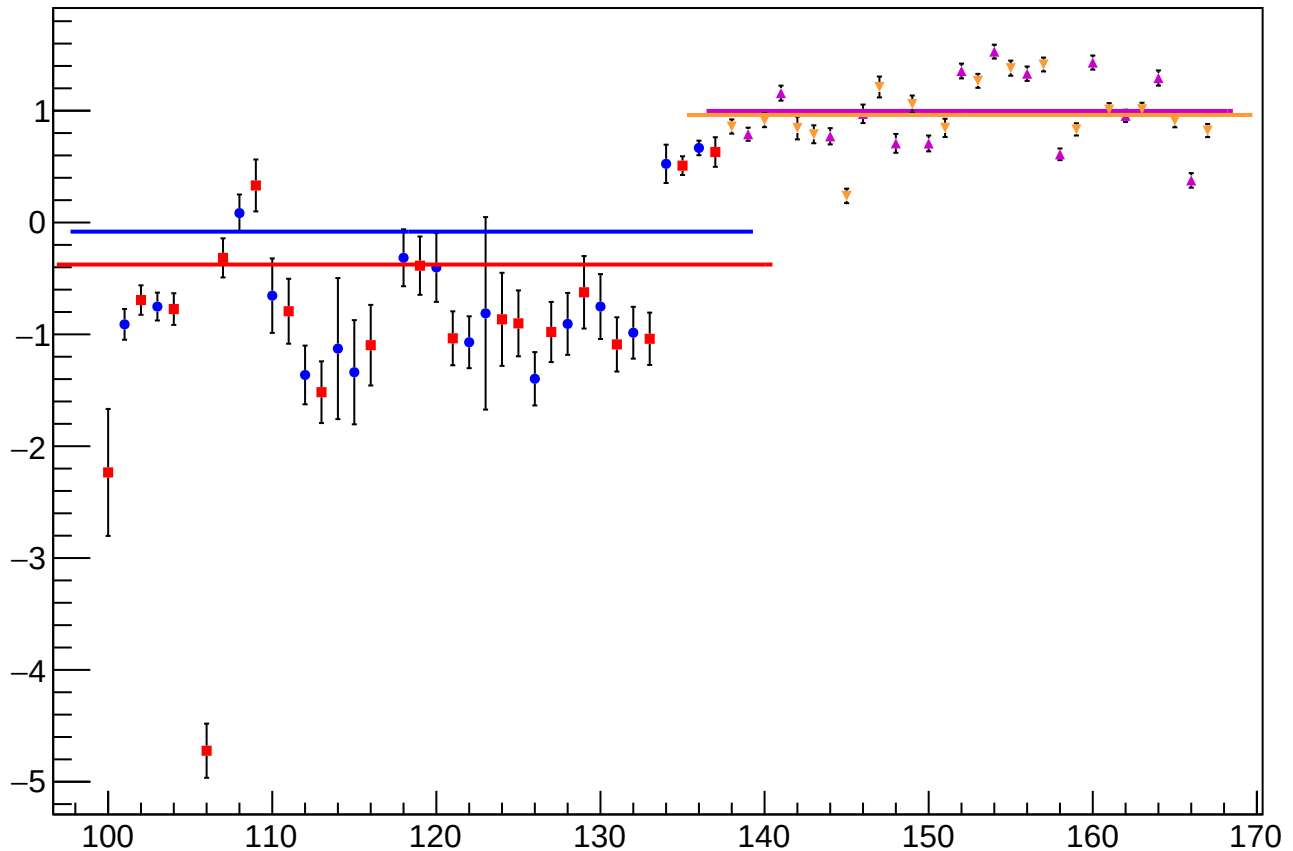
Left In: -107.310 ± 0.378 χ^2/NDF : 1396.4/13

+ sign -108.633 ± 0.326 χ^2/NDF : 1517.6/32

All: -107.781 ± 0.237 χ^2/NDF : 3957.6/65

- sign -106.818 ± 0.346 χ^2/NDF : 2425.5/32

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.962 ± 0.017 χ^2/NDF : 272.7/15

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

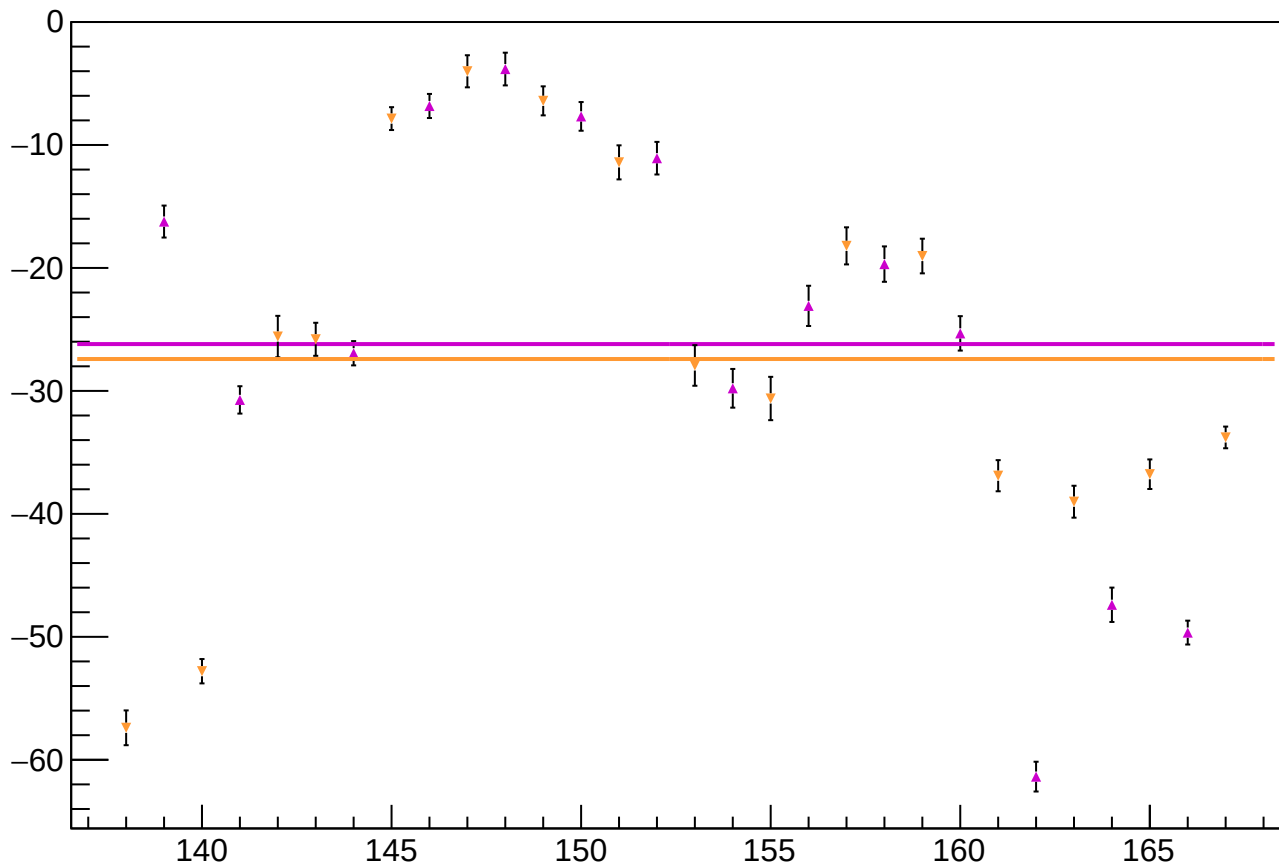
Left In: 0.998 ± 0.017 χ^2/NDF : 397.9/13

+ sign 0.822 ± 0.015 χ^2/NDF : 1131.8/32

All: 0.817 ± 0.011 χ^2/NDF : 2959.7/65

- sign 0.812 ± 0.016 χ^2/NDF : 1827.7/32

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -27.407+/-0.313 χ^2/NDF : 2648.4/15

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

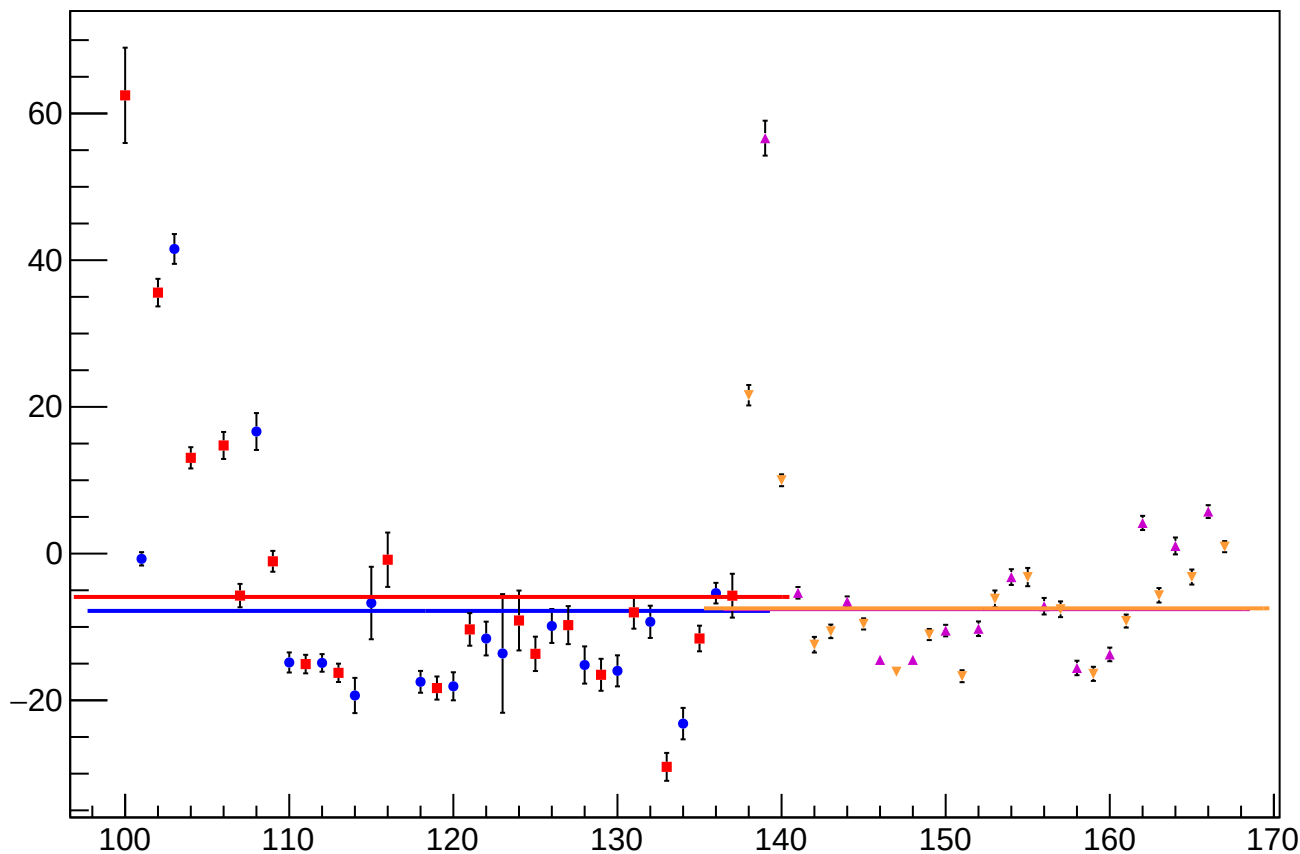
Left In: -26.192+/-0.327 χ^2/NDF : 2819.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.826+/-0.226 χ^2/NDF : 5475.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -7.464 ± 0.224 χ^2/NDF : 1531.3/15

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

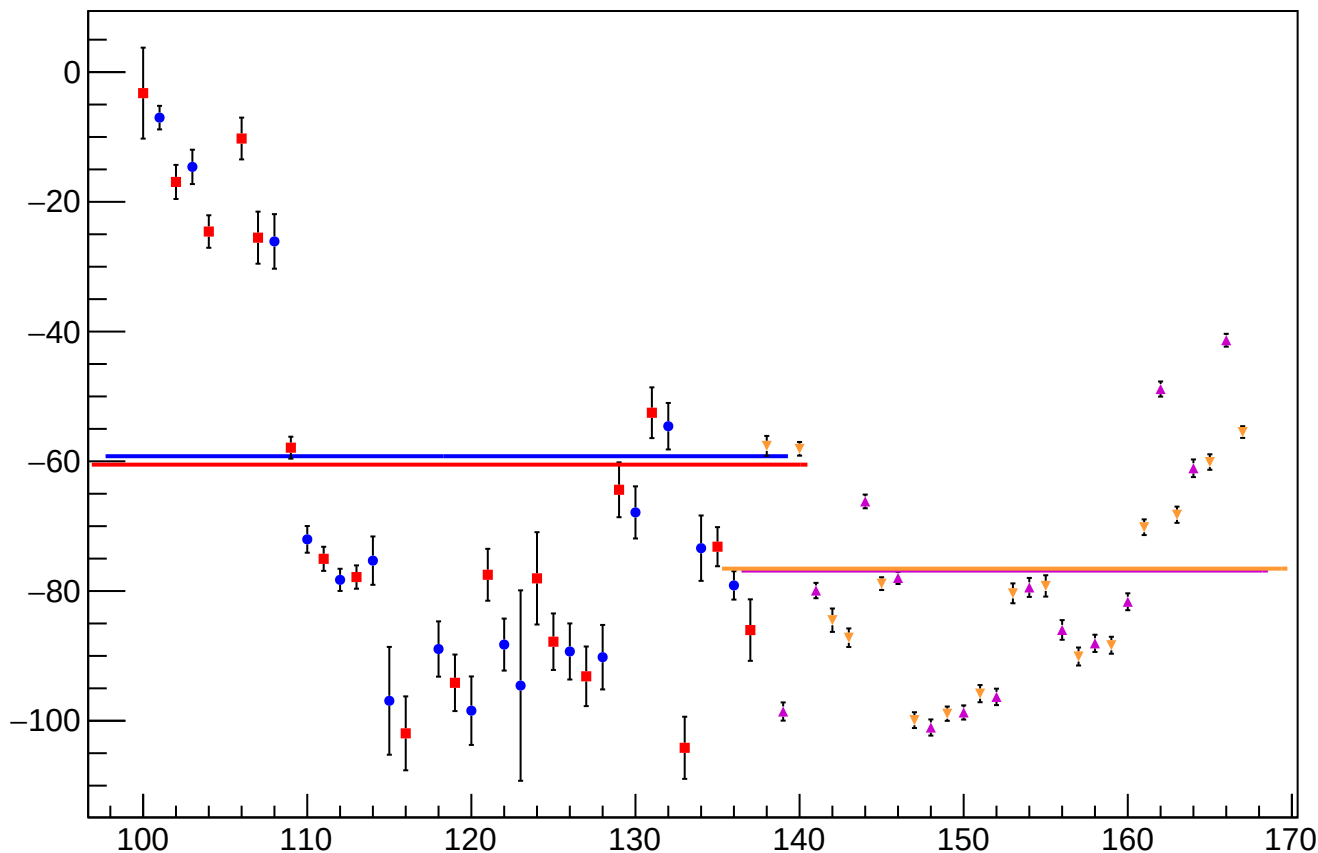
Left In: -7.574 ± 0.233 χ^2/NDF : 1558.2/13

+ sign -7.538 ± 0.198 χ^2/NDF : 2514.6/32

All: -7.372 ± 0.142 χ^2/NDF : 5378.9/65

- sign -7.194 ± 0.205 χ^2/NDF : 2862.9/32

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -76.545 ± 0.311 χ^2/NDF : 2520.3/15

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

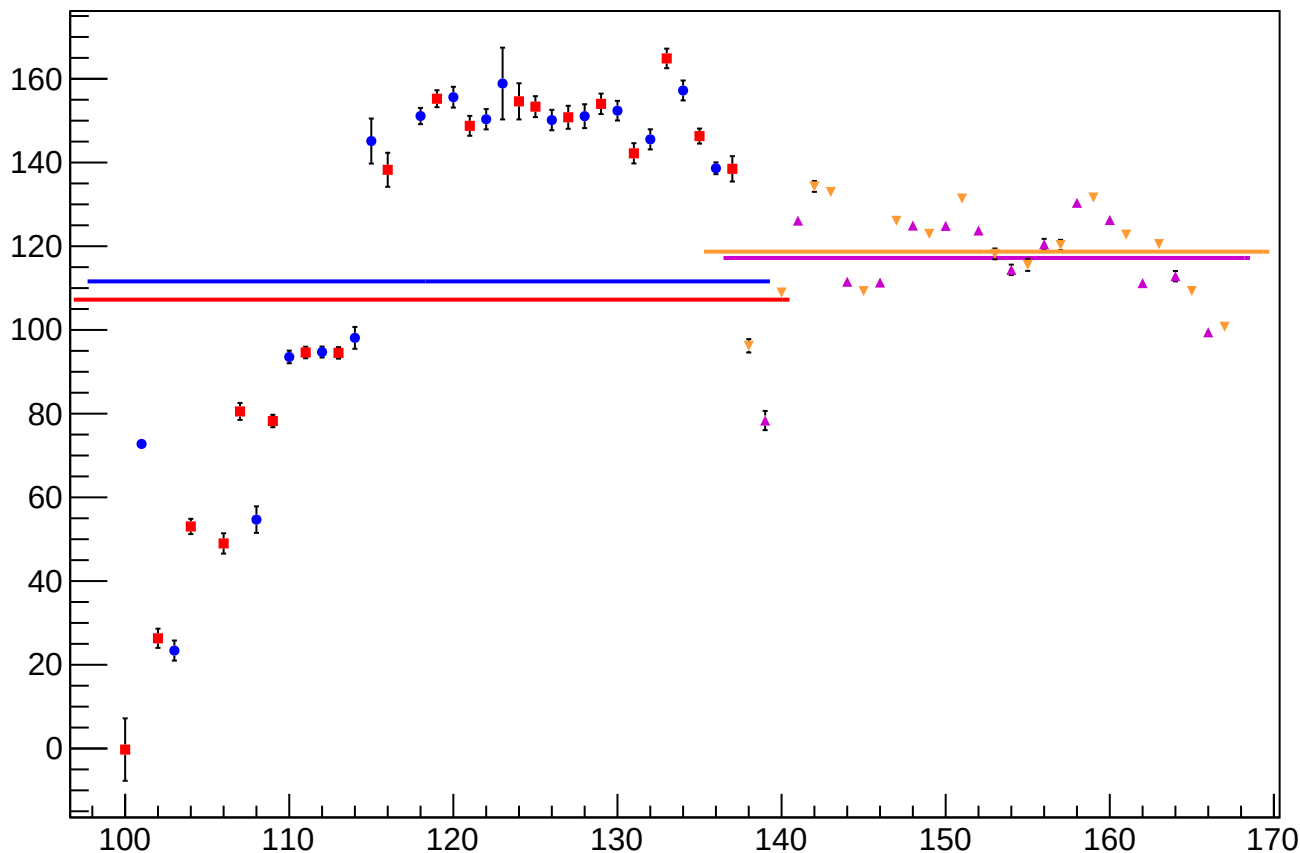
Left In: -76.842 ± 0.321 χ^2/NDF : 3488.3/13

+ sign -73.972 ± 0.287 χ^2/NDF : 4703.1/32

All: -74.002 ± 0.205 χ^2/NDF : 10020.6/65

- sign -74.033 ± 0.292 χ^2/NDF : 5317.5/32

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599 ± 0.487 $\chi^2/\text{NDF}: 5959.5/16$

Left Out: 118.704 ± 0.261 $\chi^2/\text{NDF}: 1701.6/15$

Right Out: 107.238 ± 0.488 $\chi^2/\text{NDF}: 7037.4/18$

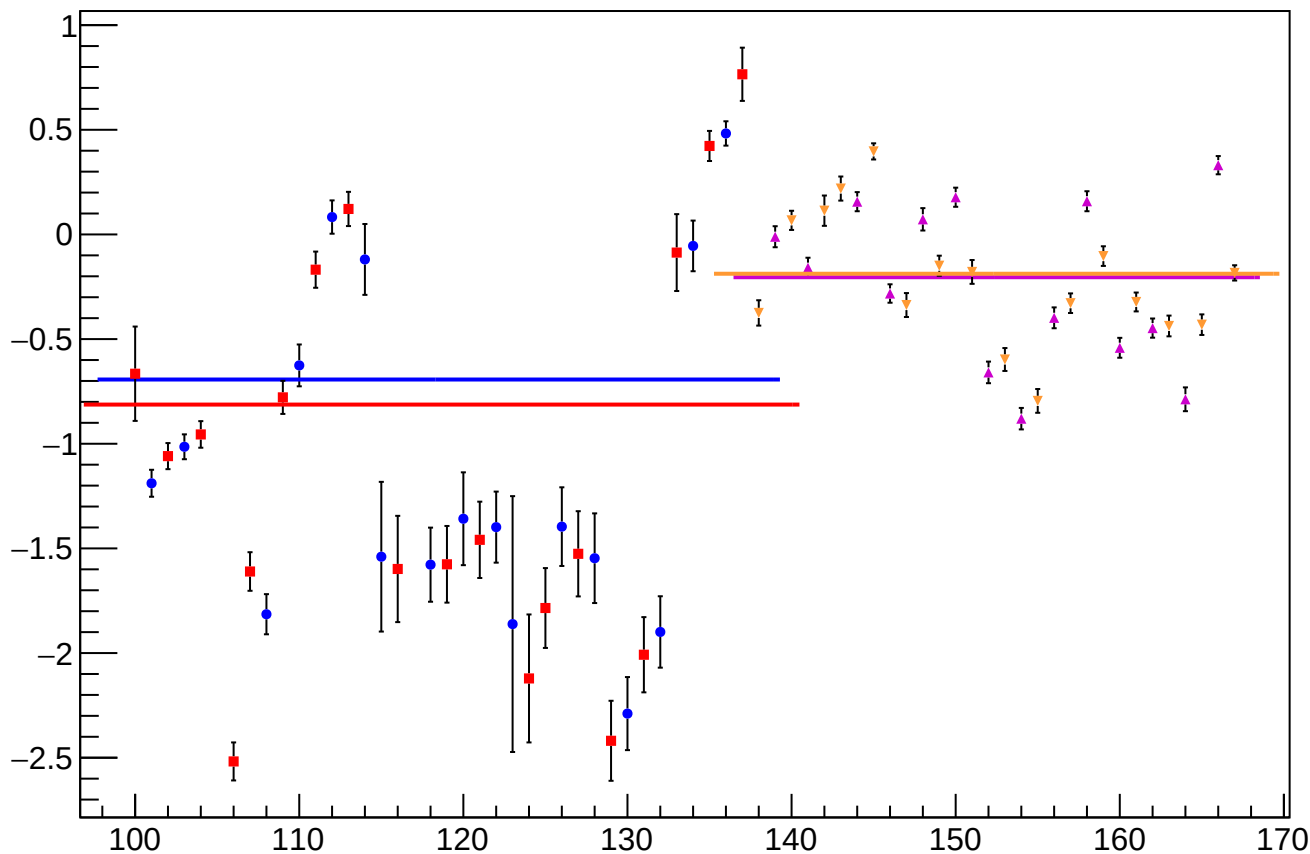
Left In: 117.200 ± 0.272 $\chi^2/\text{NDF}: 1309.9/13$

+ sign 117.118 ± 0.230 $\chi^2/\text{NDF}: 7826.8/32$

All: 116.014 ± 0.165 $\chi^2/\text{NDF}: 16540.0/65$

- sign 114.833 ± 0.238 $\chi^2/\text{NDF}: 8665.4/32$

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.188 ± 0.012 χ^2/NDF : 586.2/15

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

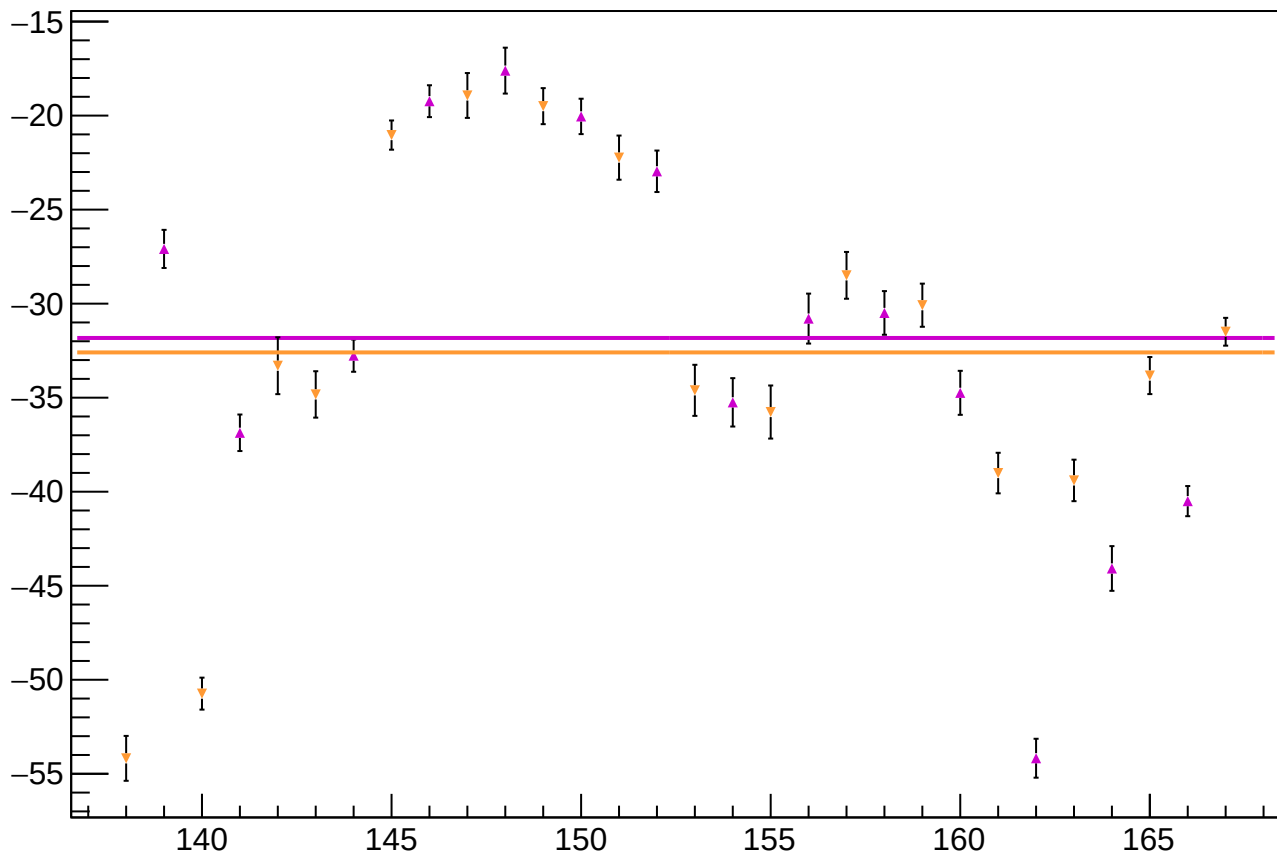
Left In: -0.204 ± 0.013 χ^2/NDF : 836.9/13

+ sign -0.282 ± 0.011 χ^2/NDF : 1892.1/32

All: -0.309 ± 0.008 χ^2/NDF : 4540.0/65

- sign -0.338 ± 0.011 χ^2/NDF : 2635.5/32

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.593+/-0.264 χ^2/NDF :1503.8/15

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

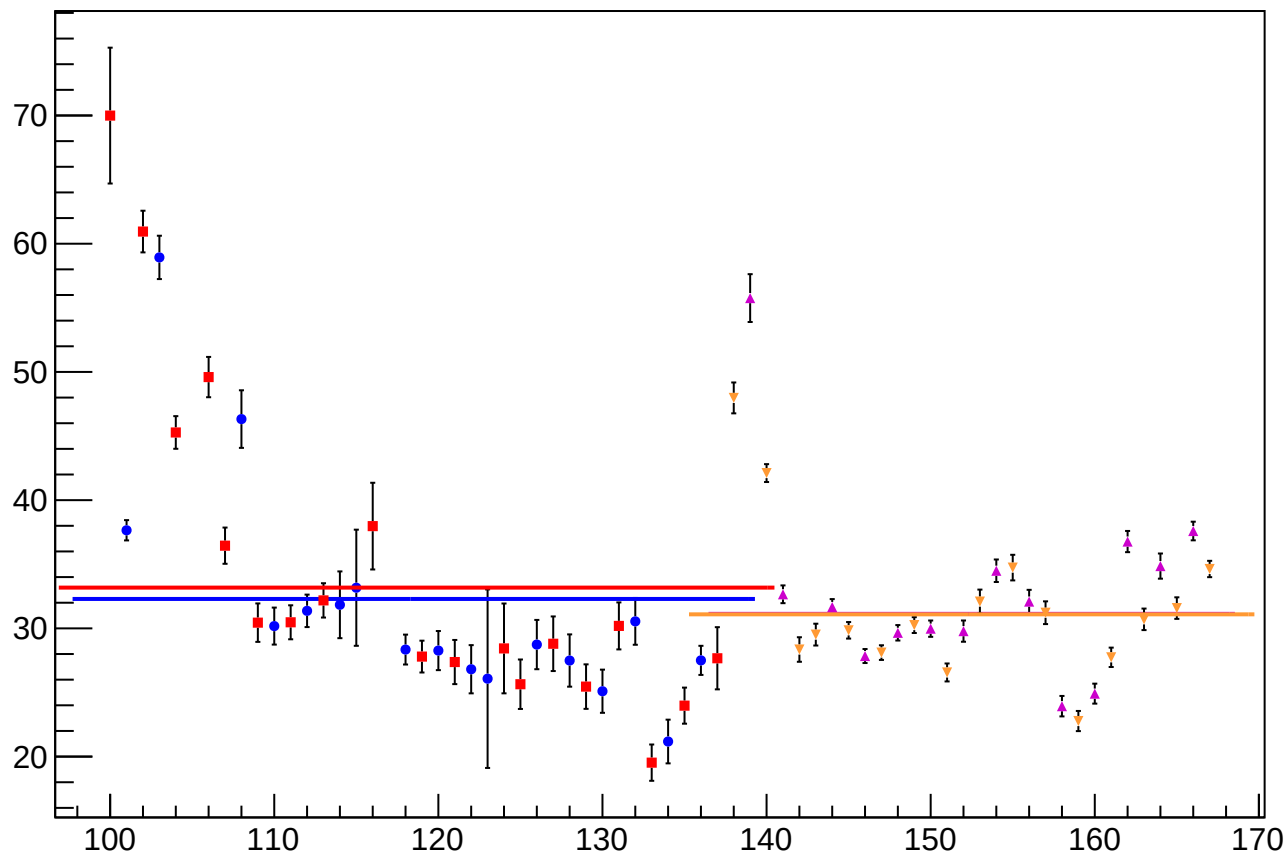
Left In: -31.825+/-0.275 χ^2/NDF :1333.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.224+/-0.190 χ^2/NDF : 2840.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 ± 0.373 $\chi^2/\text{NDF}: 452.2/16$

Left Out: 31.095 ± 0.191 $\chi^2/\text{NDF}: 709.9/15$

Right Out: 33.180 ± 0.379 $\chi^2/\text{NDF}: 770.3/18$

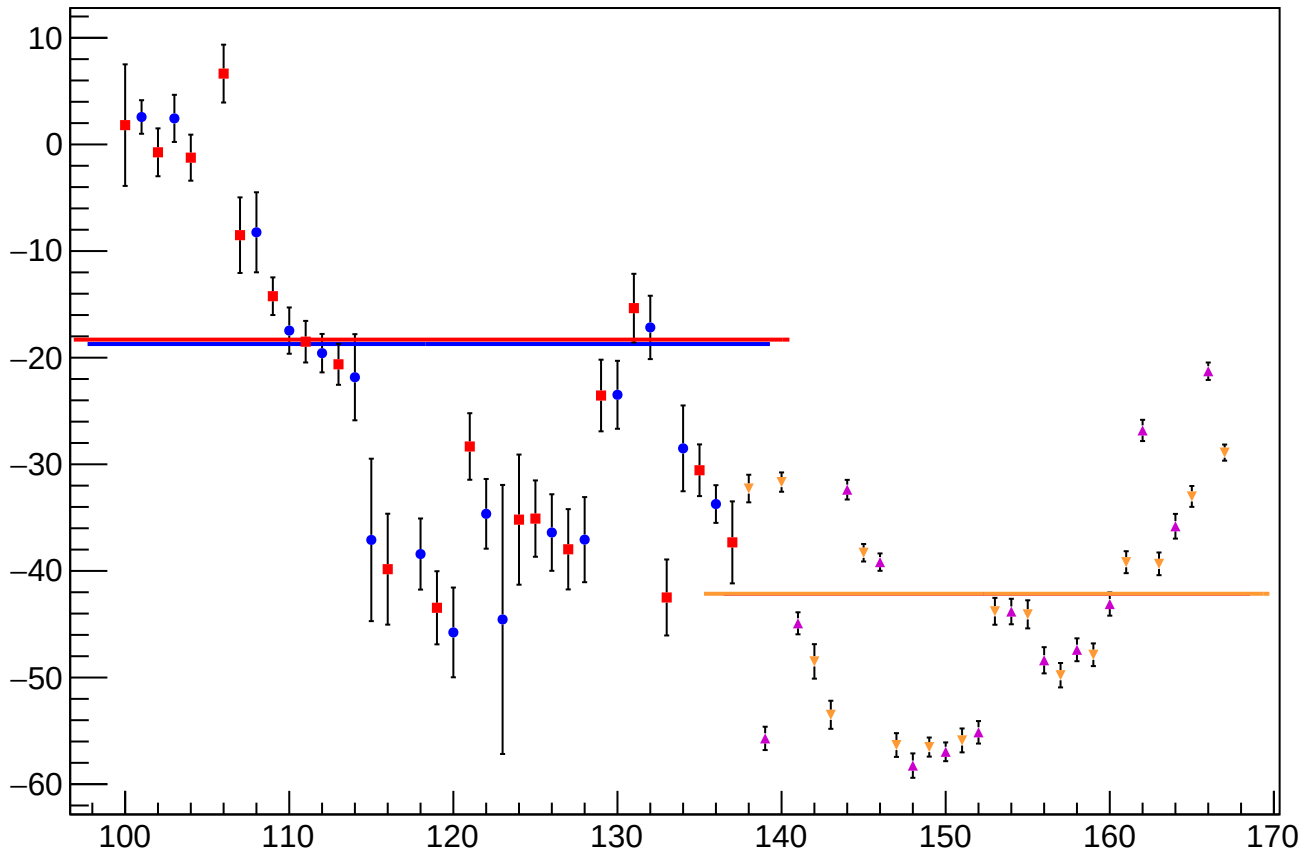
Left In: 31.132 ± 0.199 $\chi^2/\text{NDF}: 529.2/13$

+ sign 31.344 ± 0.170 $\chi^2/\text{NDF}: 1170.3/32$

All: 31.456 ± 0.122 $\chi^2/\text{NDF}: 2493.5/65$

- sign 31.576 ± 0.177 $\chi^2/\text{NDF}: 1322.3/32$

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: -42.142 ± 0.262 $\chi^2/\text{NDF}: 1359.6/15$

Right Out: -18.306 ± 0.644 $\chi^2/\text{NDF}: 472.6/18$

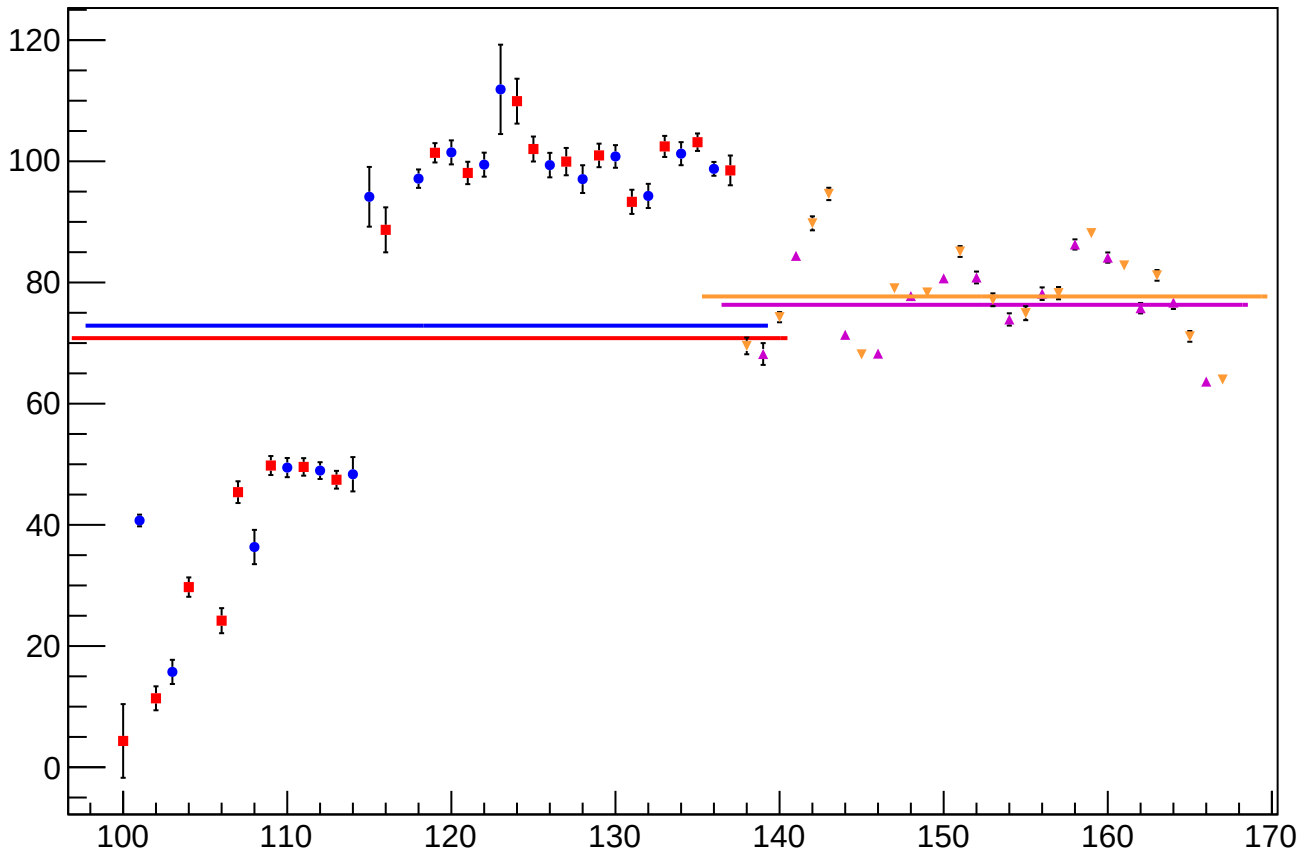
Left In: -42.166 ± 0.270 $\chi^2/\text{NDF}: 1892.3/13$

+ sign -39.000 ± 0.244 $\chi^2/\text{NDF}: 2952.0/32$

All: -38.804 ± 0.174 $\chi^2/\text{NDF}: 6487.5/65$

- sign -38.600 ± 0.249 $\chi^2/\text{NDF}: 3534.2/32$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 ± 0.426 $\chi^2/\text{NDF}: 4737.9/16$

Left Out: 77.696 ± 0.221 $\chi^2/\text{NDF}: 1341.0/15$

Right Out: 70.815 ± 0.433 $\chi^2/\text{NDF}: 5489.3/18$

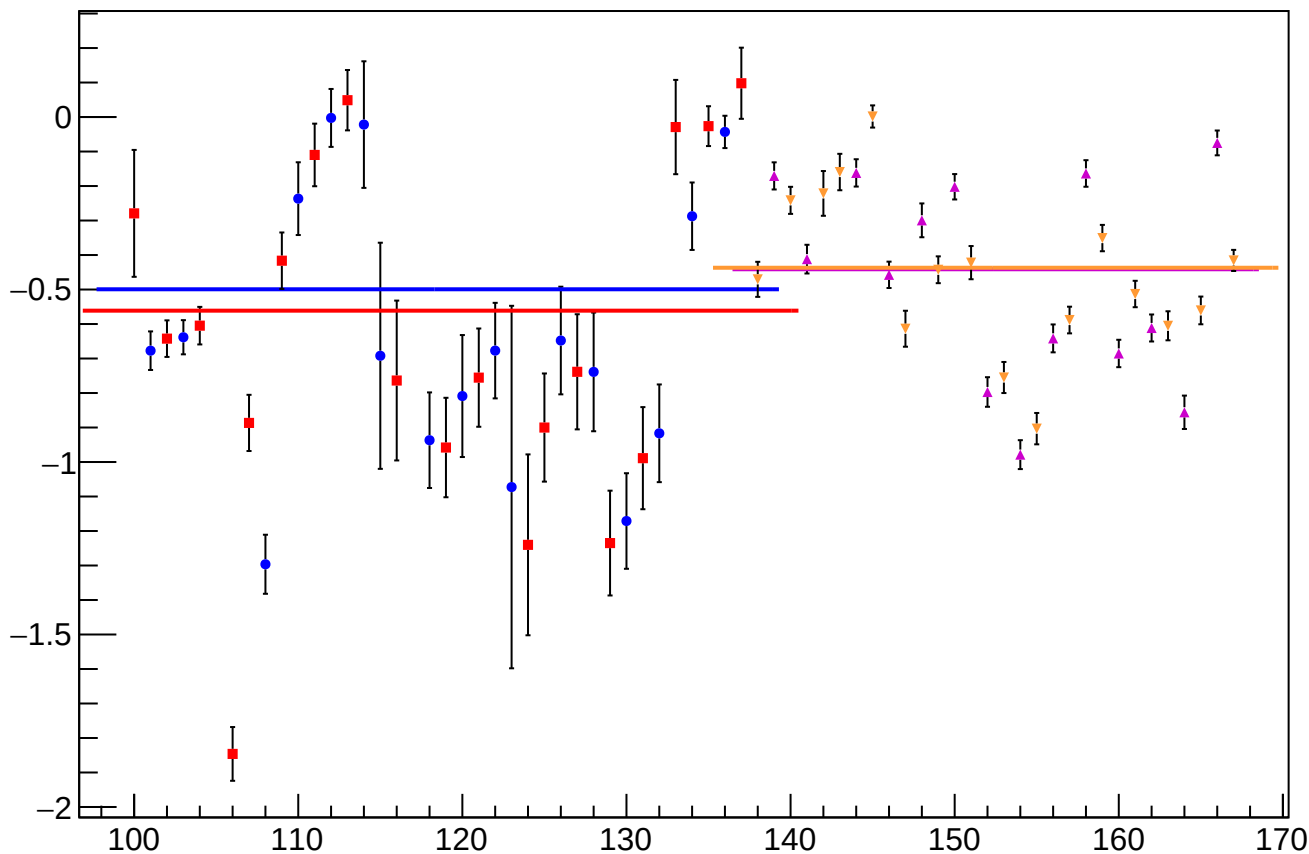
Left In: 76.316 ± 0.231 $\chi^2/\text{NDF}: 861.9/13$

+ sign 76.670 ± 0.196 $\chi^2/\text{NDF}: 6179.8/32$

All: 75.913 ± 0.141 $\chi^2/\text{NDF}: 12687.3/65$

- sign 75.099 ± 0.204 $\chi^2/\text{NDF}: 6476.7/32$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.437 ± 0.010 χ^2/NDF : 466.7/15

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

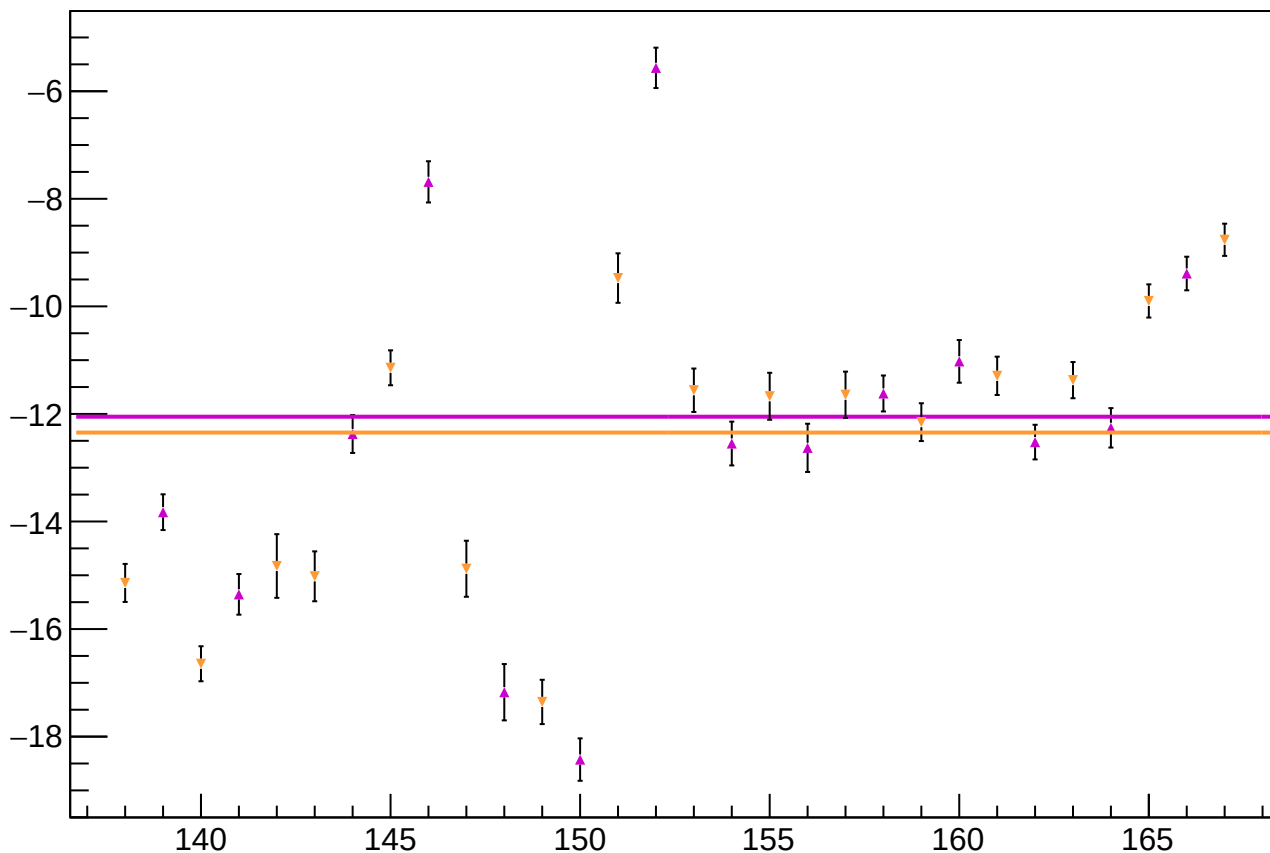
Left In: -0.441 ± 0.011 χ^2/NDF : 692.0/13

+ sign -0.448 ± 0.009 χ^2/NDF : 776.7/32

All: -0.457 ± 0.007 χ^2/NDF : 2057.8/65

- sign -0.466 ± 0.010 χ^2/NDF : 1279.4/32

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -12.346+/-0.095 χ^2/NDF : 744.5/15

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

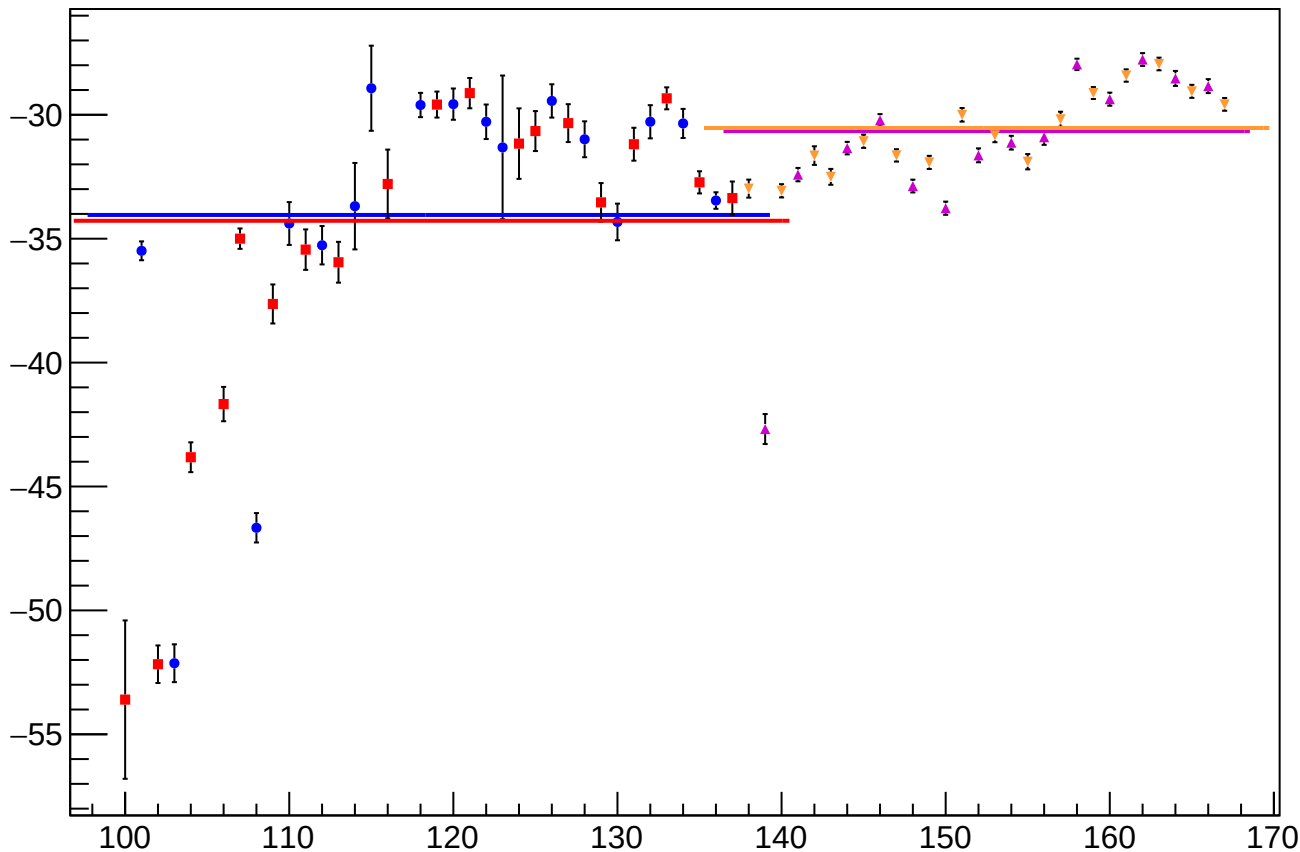
Left In: -12.052+/-0.099 χ^2/NDF : 977.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.206+/-0.068 χ^2/NDF : 1726.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 $\chi^2/\text{NDF}: 1340.8/16$

Left Out: -30.533 ± 0.069 $\chi^2/\text{NDF}: 510.8/15$

Right Out: -34.277 ± 0.151 $\chi^2/\text{NDF}: 1349.5/18$

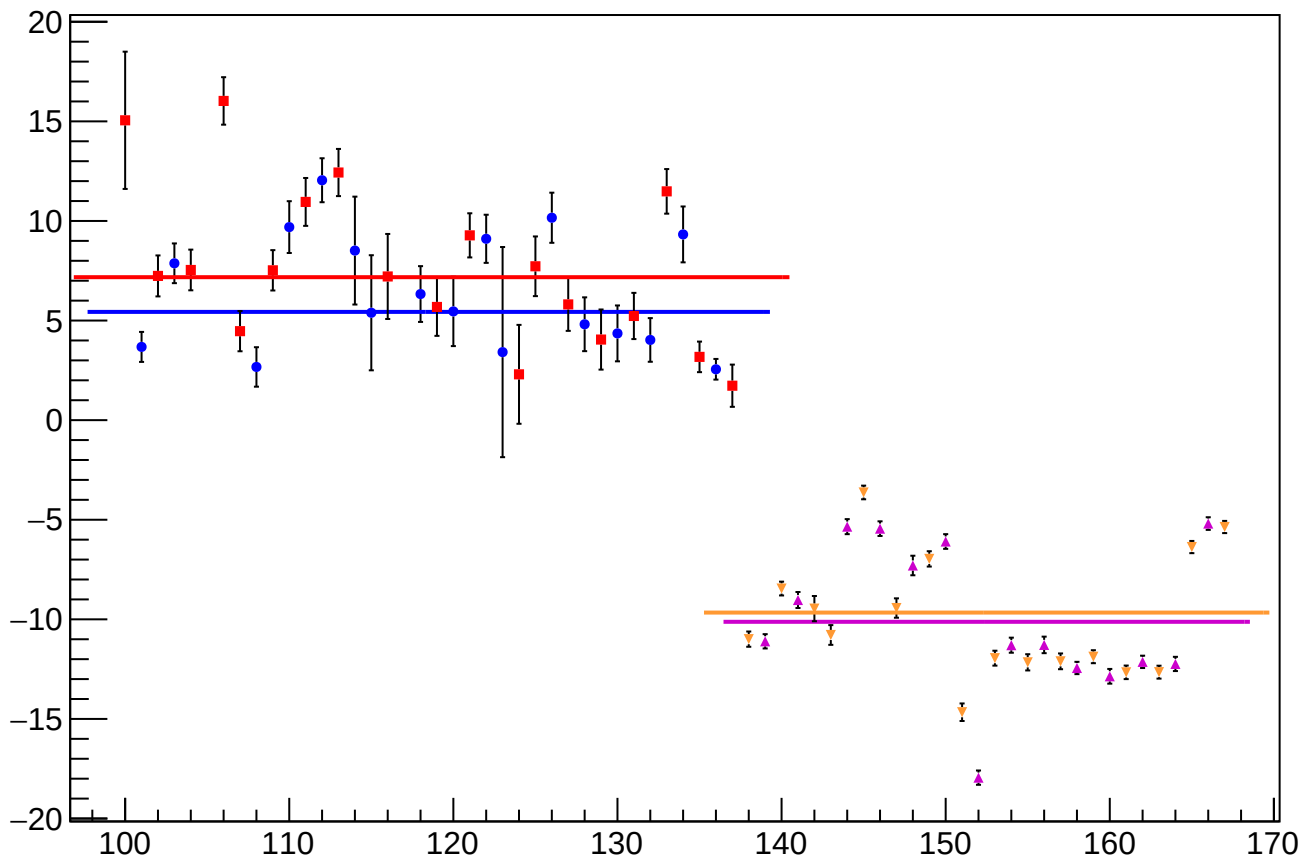
Left In: -30.657 ± 0.073 $\chi^2/\text{NDF}: 1048.4/13$

+ sign -31.147 ± 0.063 $\chi^2/\text{NDF}: 2298.8/32$

All: -31.245 ± 0.046 $\chi^2/\text{NDF}: 5167.1/65$

- sign -31.352 ± 0.066 $\chi^2/\text{NDF}: 2863.3/32$

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: -9.660 $\pm$ 0.093 χ^2 /NDF:1150.3/15

Right Out: 7.177 $\pm$ 0.274 χ^2 /NDF: 182.6/18

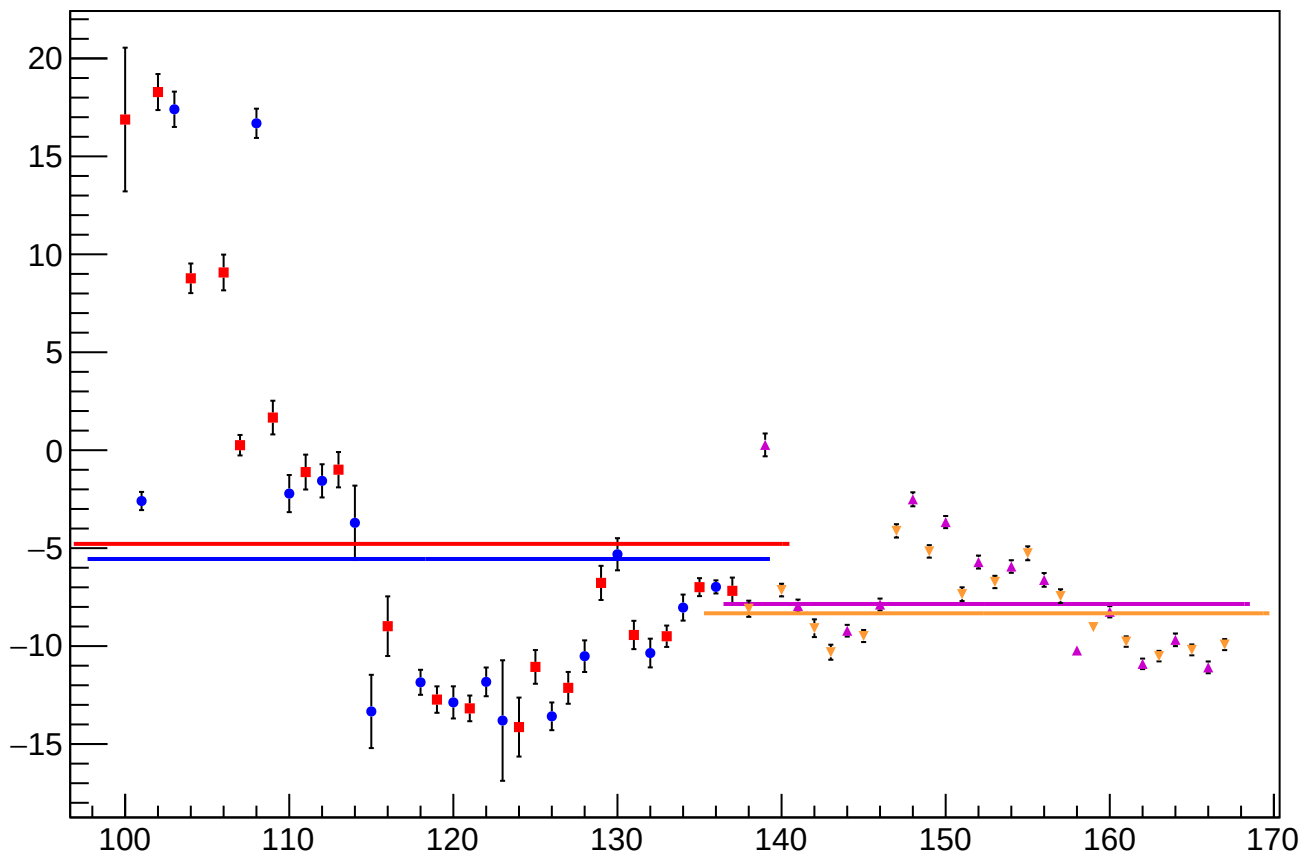
Left In: -10.124 $\pm$ 0.097 χ^2 /NDF:1410.9/13

+ sign -8.042 $\pm$ 0.088 χ^2 /NDF: 4082.0/32

All: -8.119 $\pm$ 0.063 χ^2 /NDF: 9216.5/65

- sign -8.200 $\pm$ 0.091 χ^2 /NDF: 5133.0/32

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: -8.326 ± 0.079 χ^2/NDF : 600.7/15

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

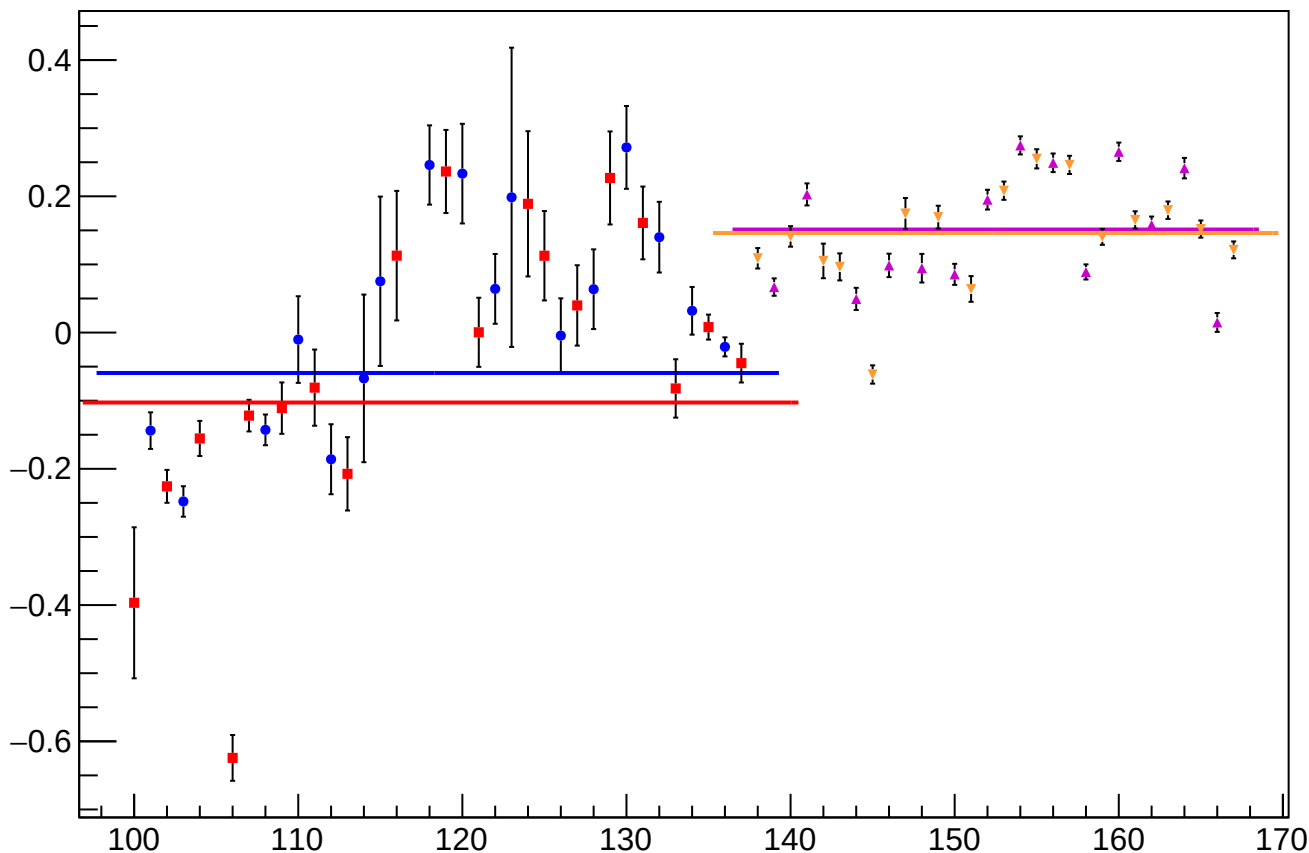
Left In: -7.851 ± 0.084 χ^2/NDF : 1083.8/13

+ sign -7.830 ± 0.072 χ^2/NDF : 2944.6/32

All: -7.562 ± 0.052 χ^2/NDF : 6353.4/65

- sign -7.269 ± 0.075 χ^2/NDF : 3379.7/32

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: 0.146 ± 0.004 χ^2/NDF : 426.9/15

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

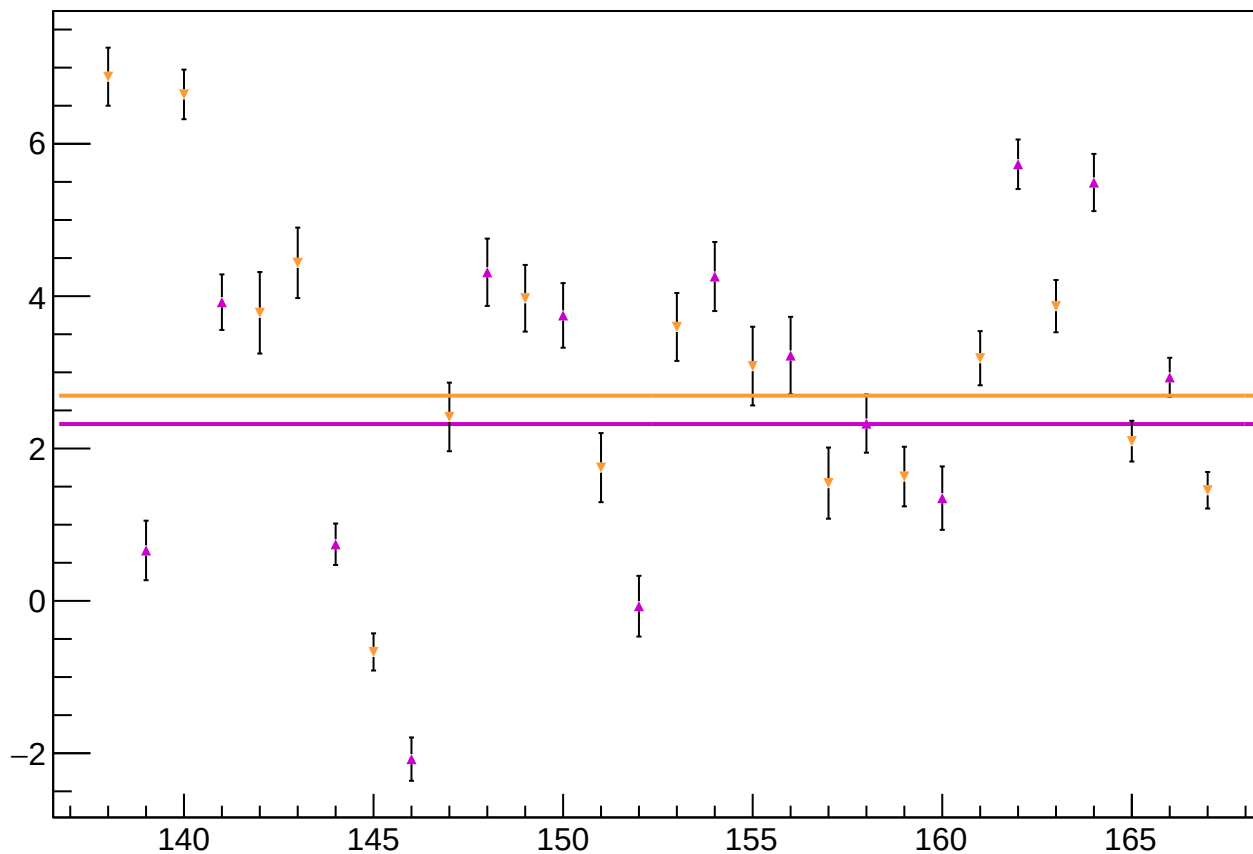
Left In: 0.151 ± 0.004 χ^2/NDF : 511.8/13

+ sign 0.114 ± 0.003 χ^2/NDF : 1148.9/32

All: 0.111 ± 0.002 χ^2/NDF : 2853.1/65

- sign 0.108 ± 0.003 χ^2/NDF : 1703.1/32

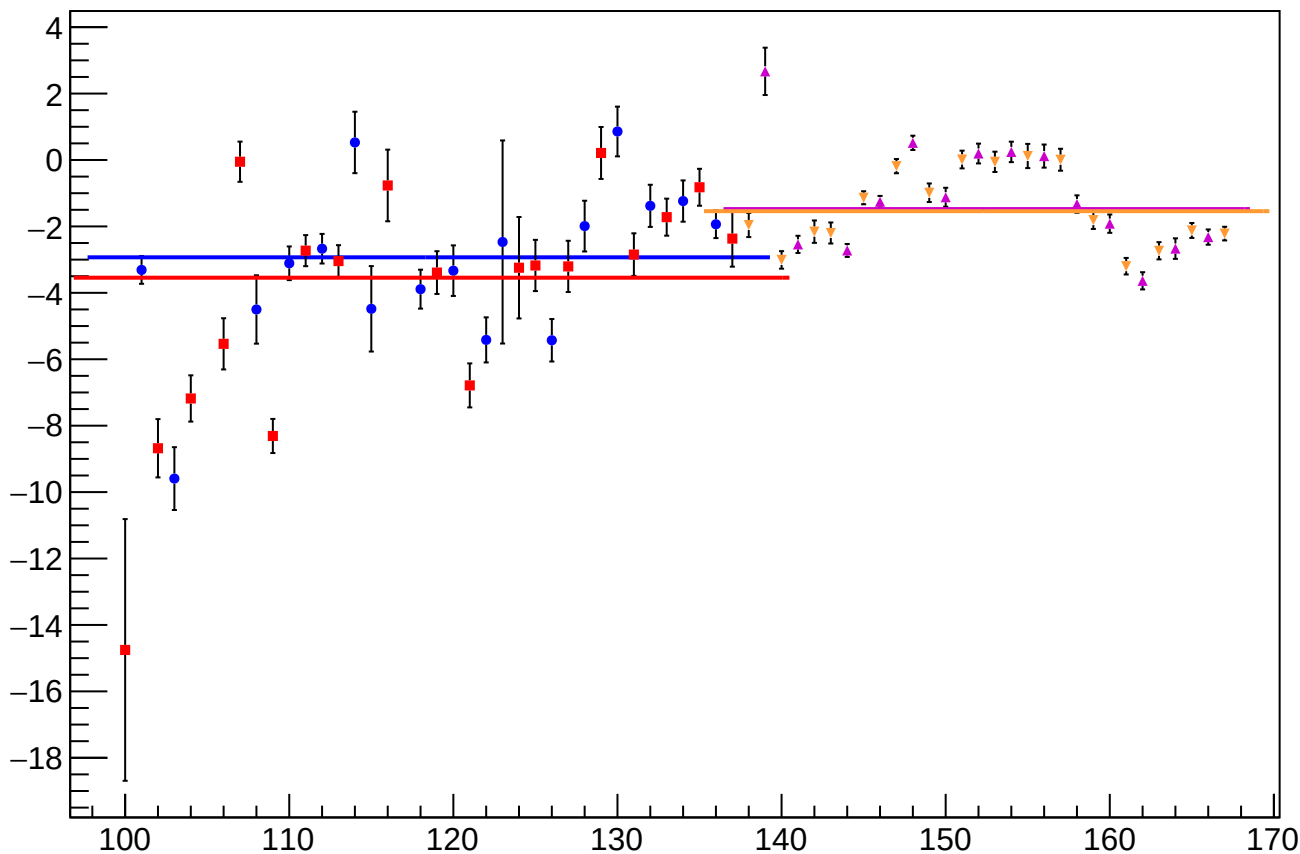
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.694 $\pm$ 0.090 χ^2 /NDF:553.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.321 $\pm$ 0.095 χ^2 /NDF:591.4/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.519 $\pm$ 0.065 χ^2 /NDF: 1153.4/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930+/-0.154 χ^2/NDF : 146.5/16

Left Out: -1.541+/-0.066 χ^2/NDF : 272.7/15

Right Out: -3.544+/-0.155 χ^2/NDF : 291.7/18

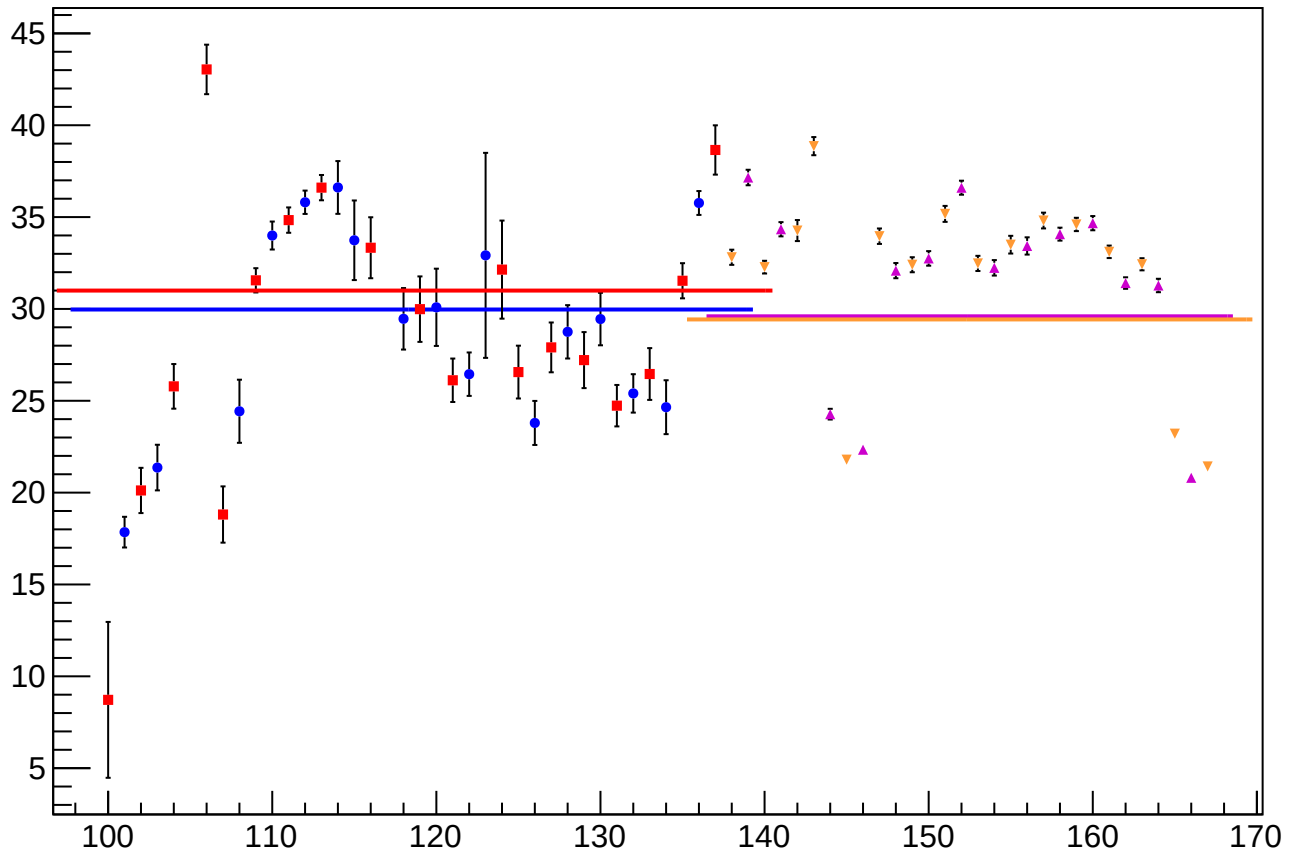
Left In: -1.478+/-0.069 χ^2/NDF : 365.0/13

+ sign -1.756+/-0.060 χ^2/NDF : 488.1/32

All: -1.786+/-0.044 χ^2/NDF : 1294.4/65

- sign -1.818+/-0.063 χ^2/NDF : 805.8/32

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: 29.428 $\pm$ 0.090 χ^2 /NDF: 4074.9/15

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

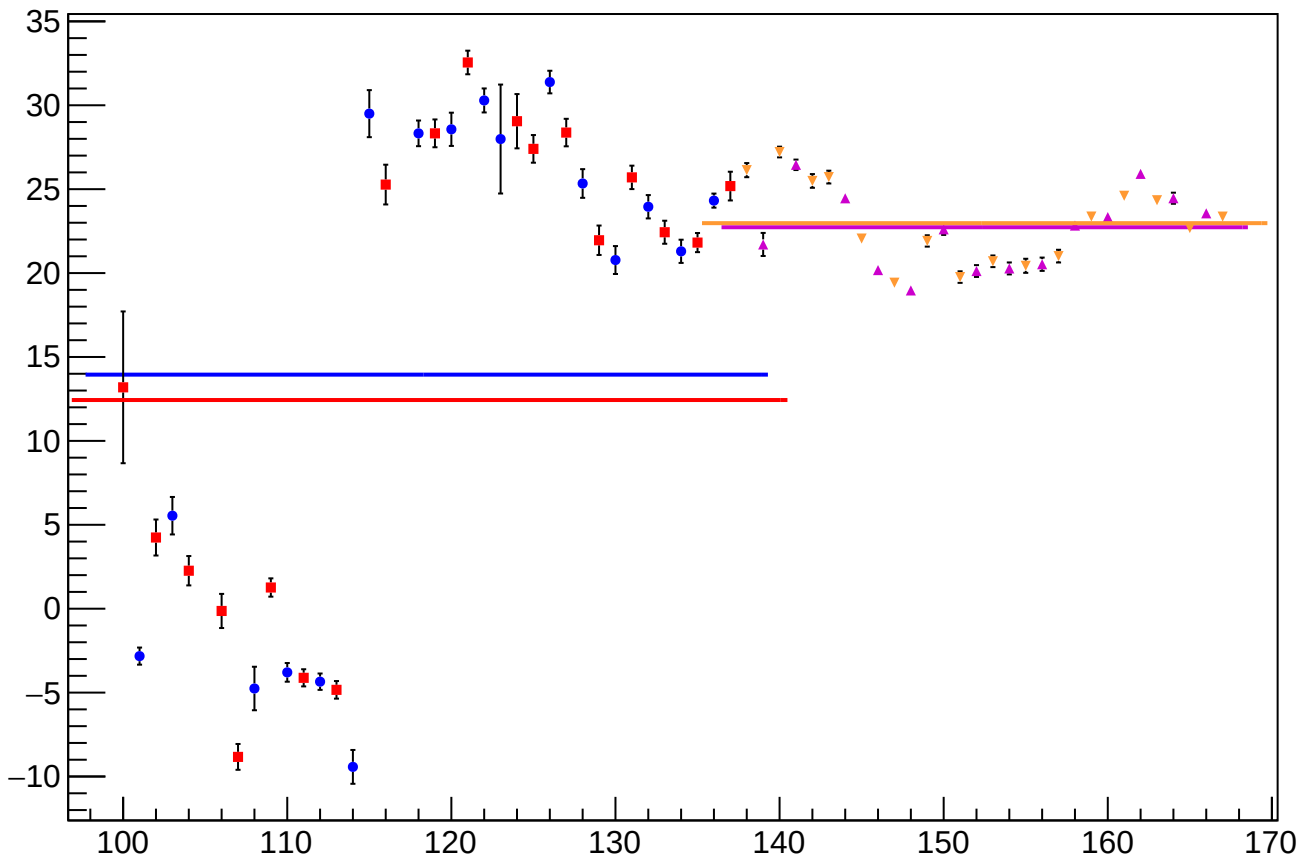
Left In: 29.598 $\pm$ 0.094 χ^2 /NDF: 3578.2/13

+ sign 29.483 $\pm$ 0.085 χ^2 /NDF: 4632.9/32

All: 29.616 $\pm$ 0.061 χ^2 /NDF: 8721.4/65

- sign 29.759 $\pm$ 0.088 χ^2 /NDF: 4083.4/32

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: 22.975 $\pm$ 0.076 χ^2 /NDF: 755.7/15

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

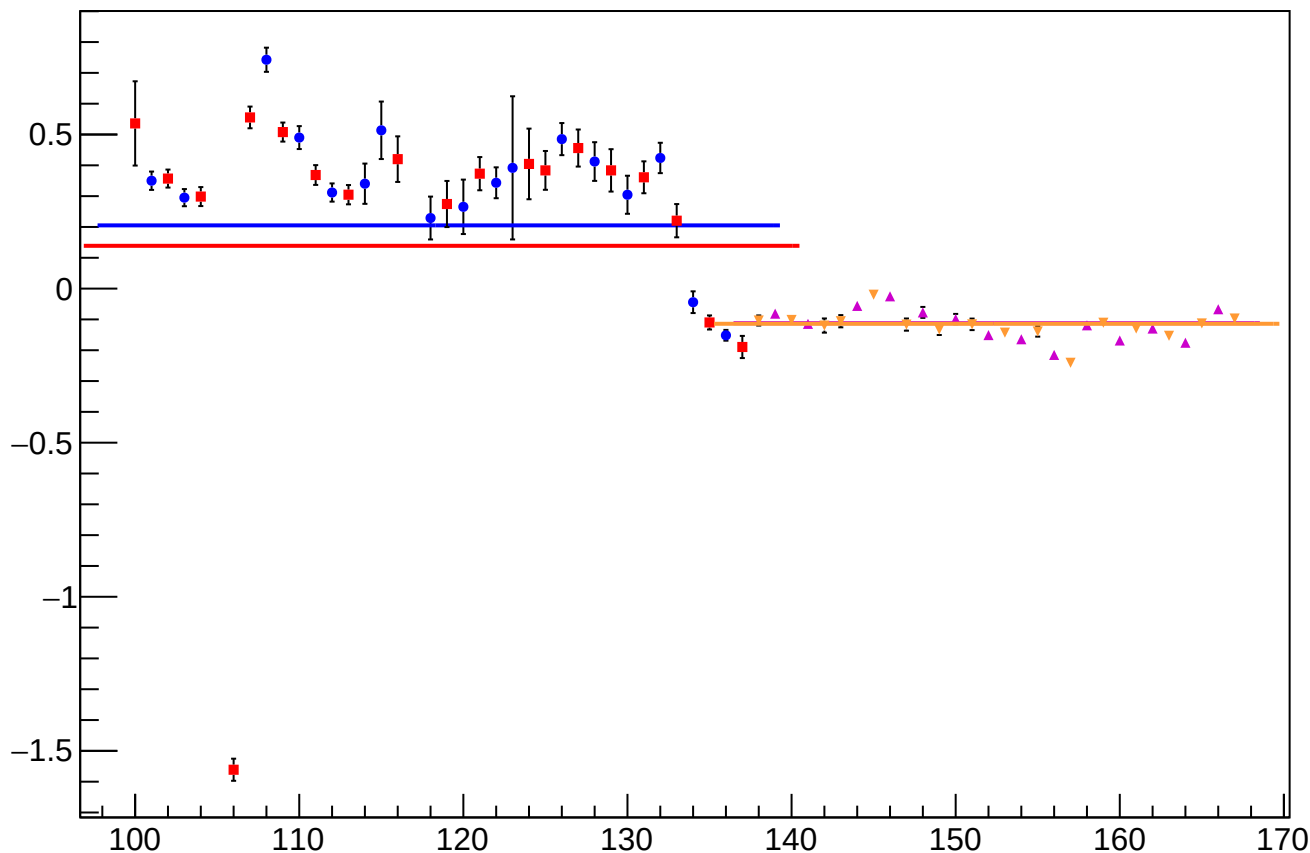
Left In: 22.731 $\pm$ 0.080 χ^2 /NDF: 807.0/13

+ sign 21.513 $\pm$ 0.069 χ^2 /NDF: 10456.9/32

All: 21.241 $\pm$ 0.050 χ^2 /NDF: 21163.8/65

- sign 20.945 $\pm$ 0.072 χ^2 /NDF: 10674.8/32

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 846.2/16

Left Out: -0.114 ± 0.004 χ^2/NDF : 184.1/15

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.8/18

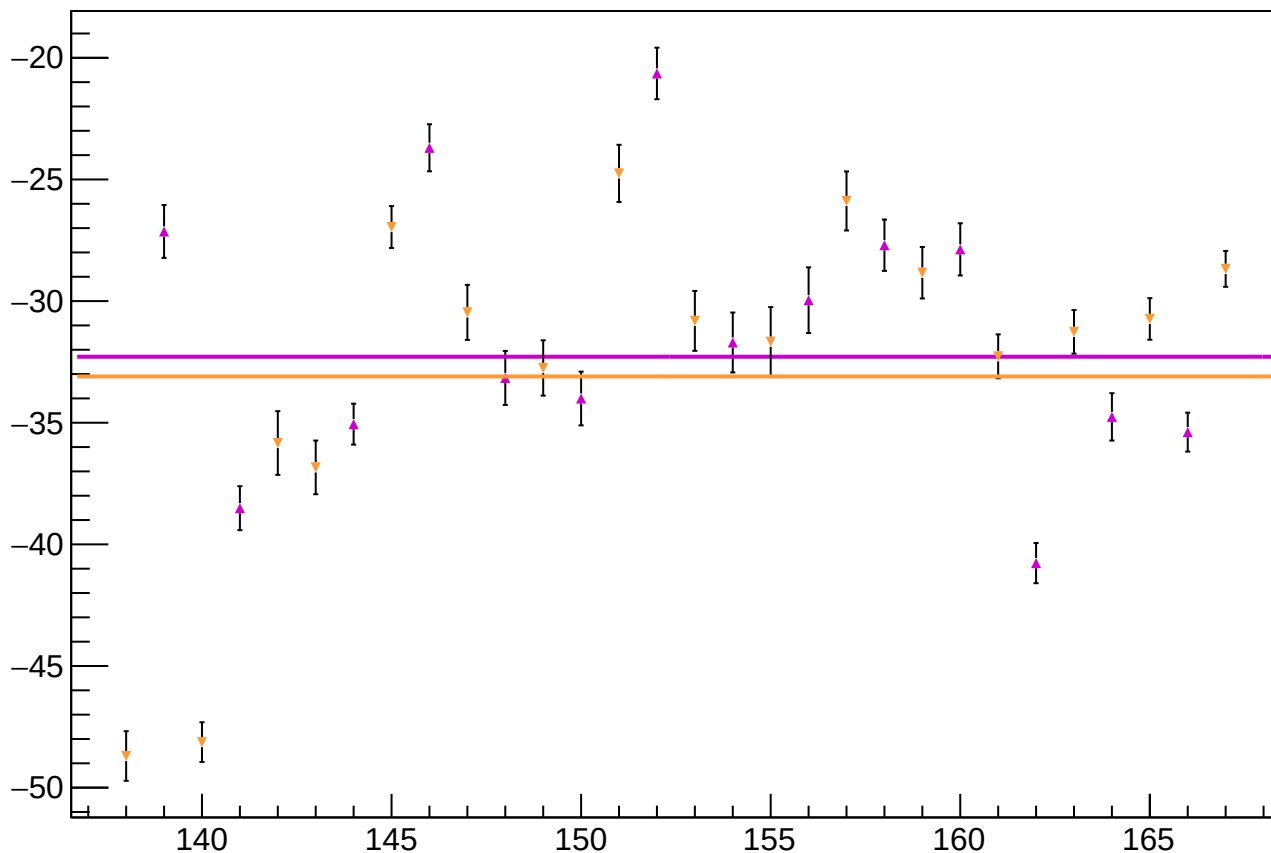
Left In: -0.112 ± 0.004 χ^2/NDF : 190.1/13

+ sign -0.075 ± 0.003 χ^2/NDF : 2049.4/32

All: -0.075 ± 0.002 χ^2/NDF : 5895.0/65

- sign -0.076 ± 0.003 χ^2/NDF : 3845.5/32

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: -33.098 $\pm$ 0.251 χ^2 /NDF: 800.4/15

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

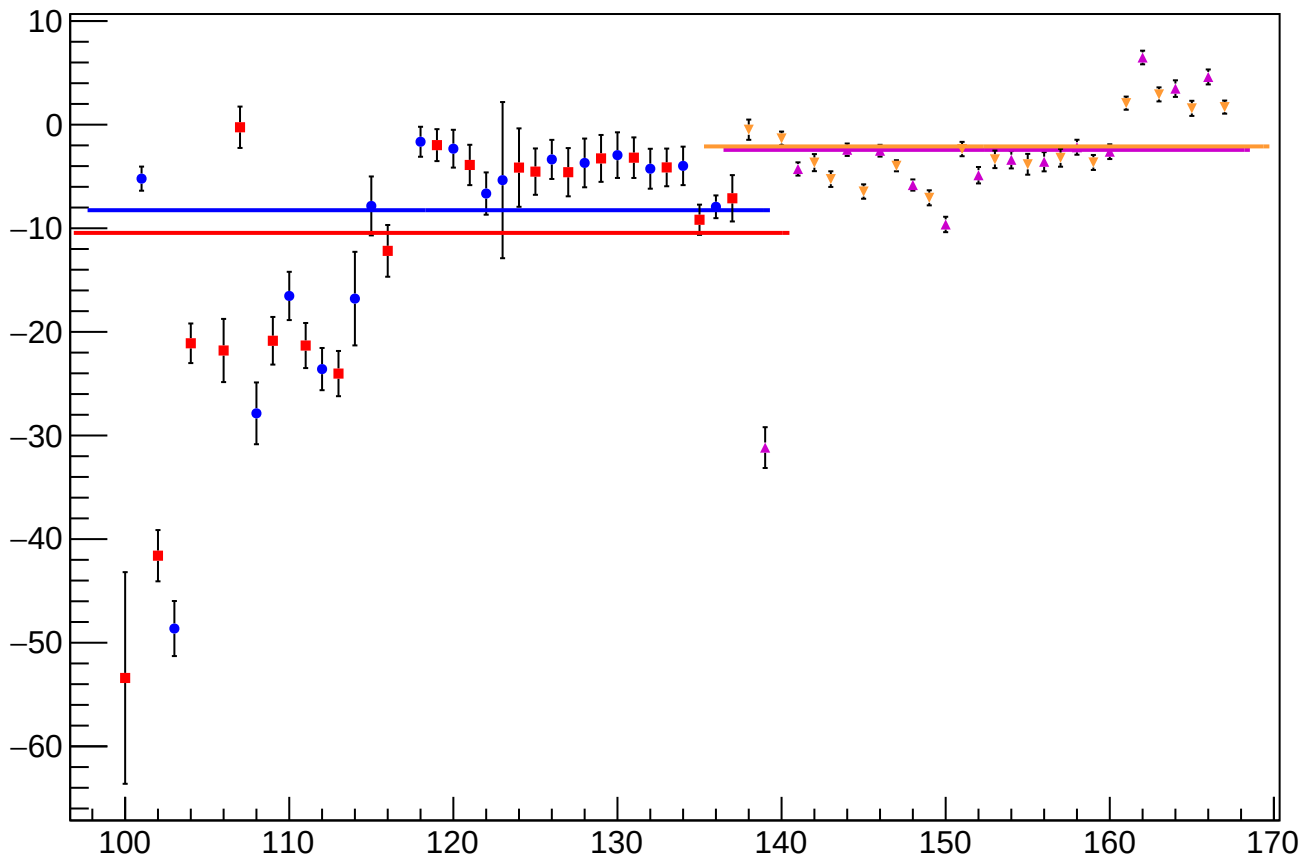
Left In: -32.287 $\pm$ 0.266 χ^2 /NDF: 449.7/13

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

All: -32.716 $\pm$ 0.182 χ^2 /NDF: 1255.1/29

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

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 $\pm$ 0.462 χ^2 /NDF: 412.1/16

Left Out: -2.101 $\pm$ 0.180 χ^2 /NDF: 294.1/15

Right Out: -10.446 $\pm$ 0.491 χ^2 /NDF: 428.4/18

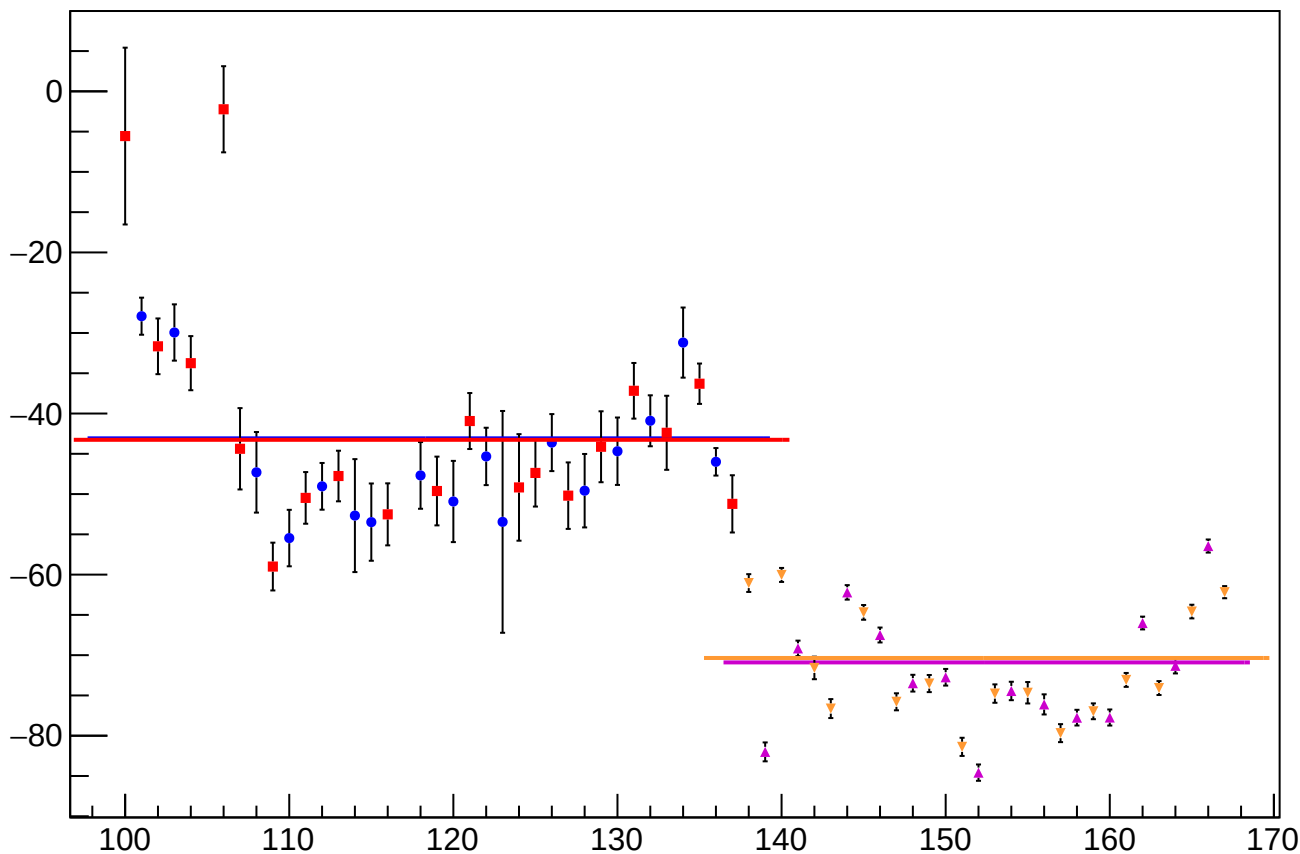
Left In: -2.433 $\pm$ 0.190 χ^2 /NDF: 699.1/13

+ sign -2.914 $\pm$ 0.168 χ^2 /NDF: 860.2/32

All: -3.180 $\pm$ 0.122 χ^2 /NDF: 2224.5/65

- sign -3.477 $\pm$ 0.177 χ^2 /NDF: 1359.0/32

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082±/0.834 χ^2/NDF : 99.2/16

Left Out: -70.349±/0.249 χ^2/NDF : 743.1/15

Right Out: -43.262±/0.866 χ^2/NDF : 154.2/18

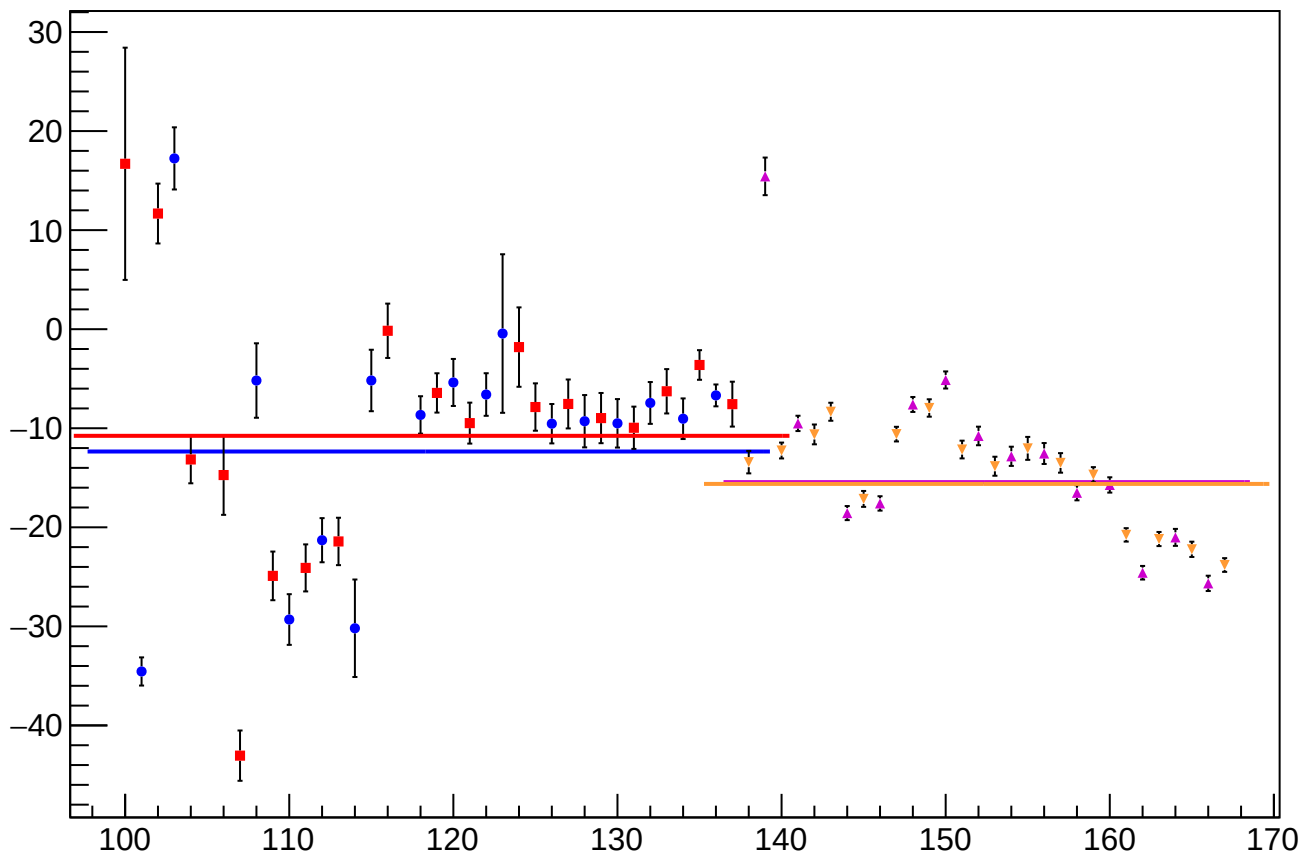
Left In: -70.899±/0.261 χ^2/NDF : 867.9/13

+ sign -68.119±/0.239 χ^2/NDF : 1823.1/32

All: -68.351±/0.172 χ^2/NDF : 3780.1/65

- sign -68.604±/0.250 χ^2/NDF : 1955.0/32

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348 ± 0.520 $\chi^2/\text{NDF}: 475.9/16$

Left Out: -15.620 ± 0.209 $\chi^2/\text{NDF}: 602.0/15$

Right Out: -10.765 ± 0.554 $\chi^2/\text{NDF}: 366.6/18$

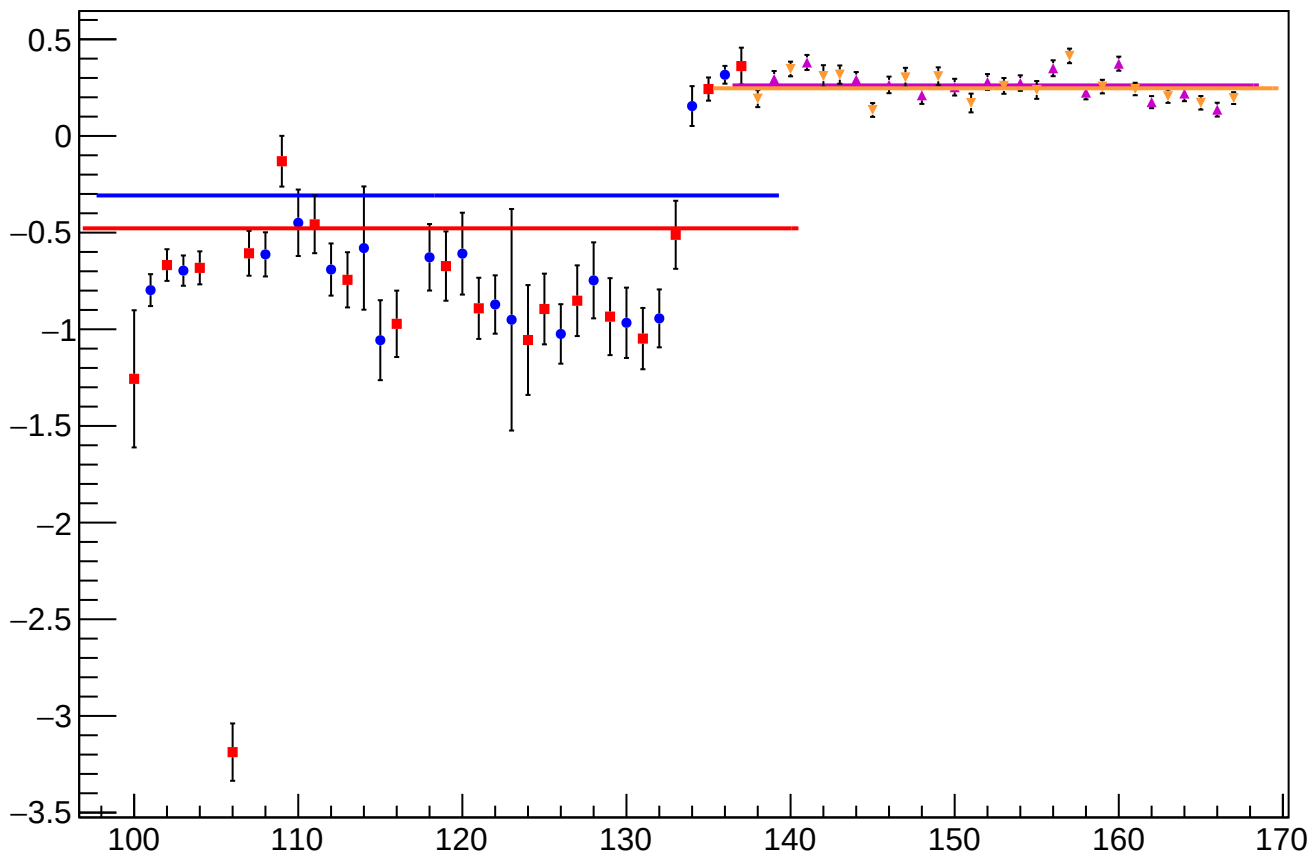
Left In: -15.439 ± 0.221 $\chi^2/\text{NDF}: 1038.1/13$

+ sign -15.166 ± 0.194 $\chi^2/\text{NDF}: 1112.1/32$

All: -14.992 ± 0.141 $\chi^2/\text{NDF}: 2580.0/65$

- sign -14.799 ± 0.205 $\chi^2/\text{NDF}: 1466.3/32$

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: 0.247 ± 0.010 χ^2/NDF : 56.0/15

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

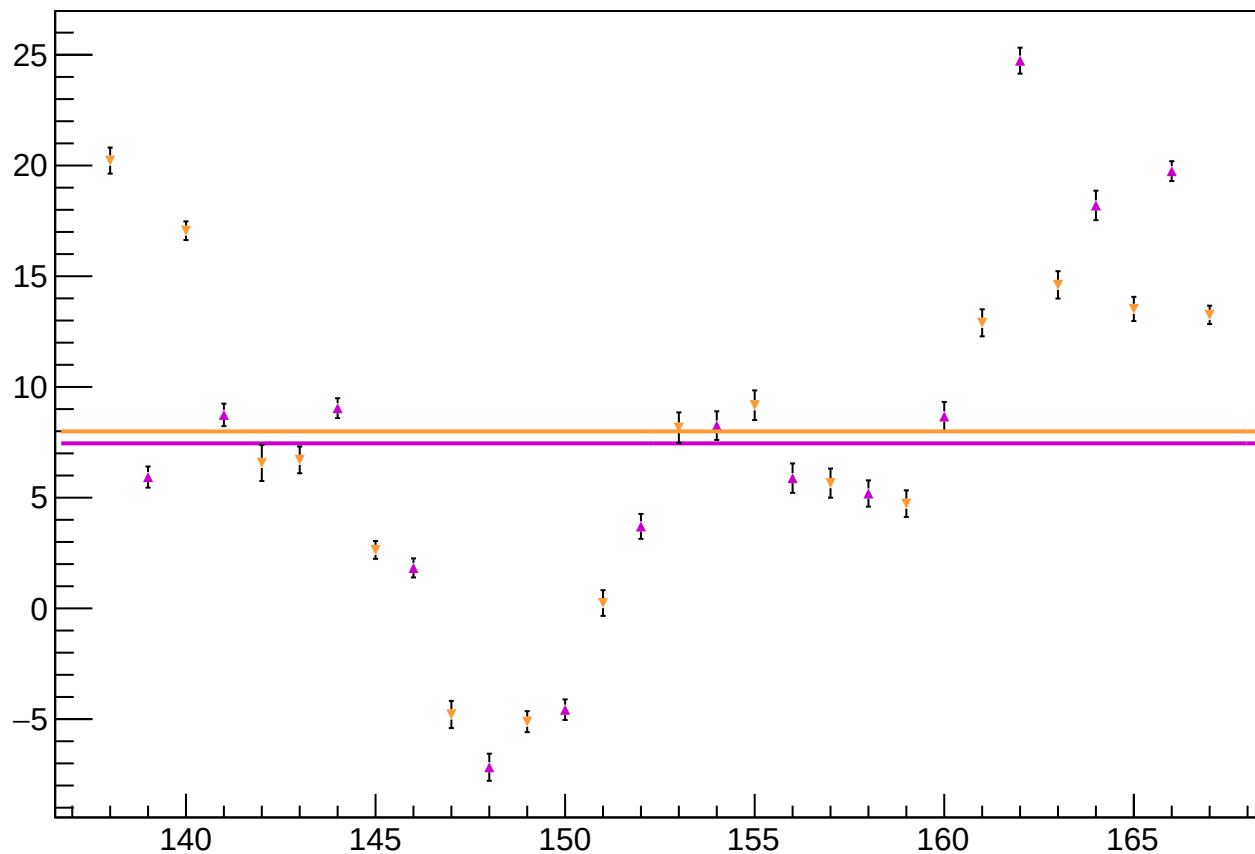
Left In: 0.261 ± 0.010 χ^2/NDF : 48.5/13

+ sign 0.184 ± 0.009 χ^2/NDF : 788.4/32

All: 0.180 ± 0.007 χ^2/NDF : 2061.5/65

- sign 0.175 ± 0.010 χ^2/NDF : 1272.6/32

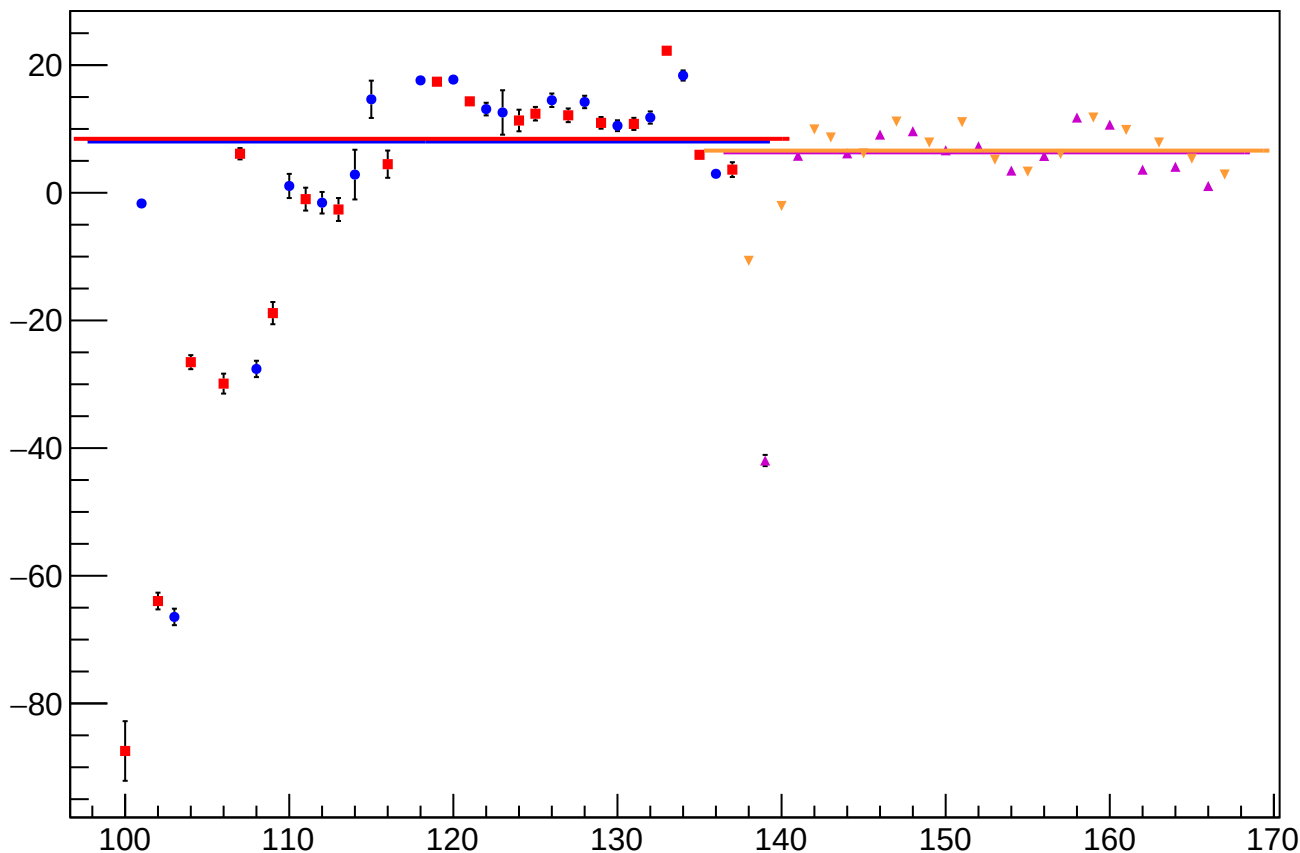
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.992 $\pm$ 0.137 χ^2 /NDF:2947.0/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.452 $\pm$ 0.143 χ^2 /NDF:3385.8/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 7.732 $\pm$ 0.099 χ^2 /NDF: 6340.2/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 $\chi^2/\text{NDF}: 5369.4/16$

Left Out: 6.608 ± 0.099 $\chi^2/\text{NDF}: 2341.7/15$

Right Out: 8.454 ± 0.213 $\chi^2/\text{NDF}: 6704.4/18$

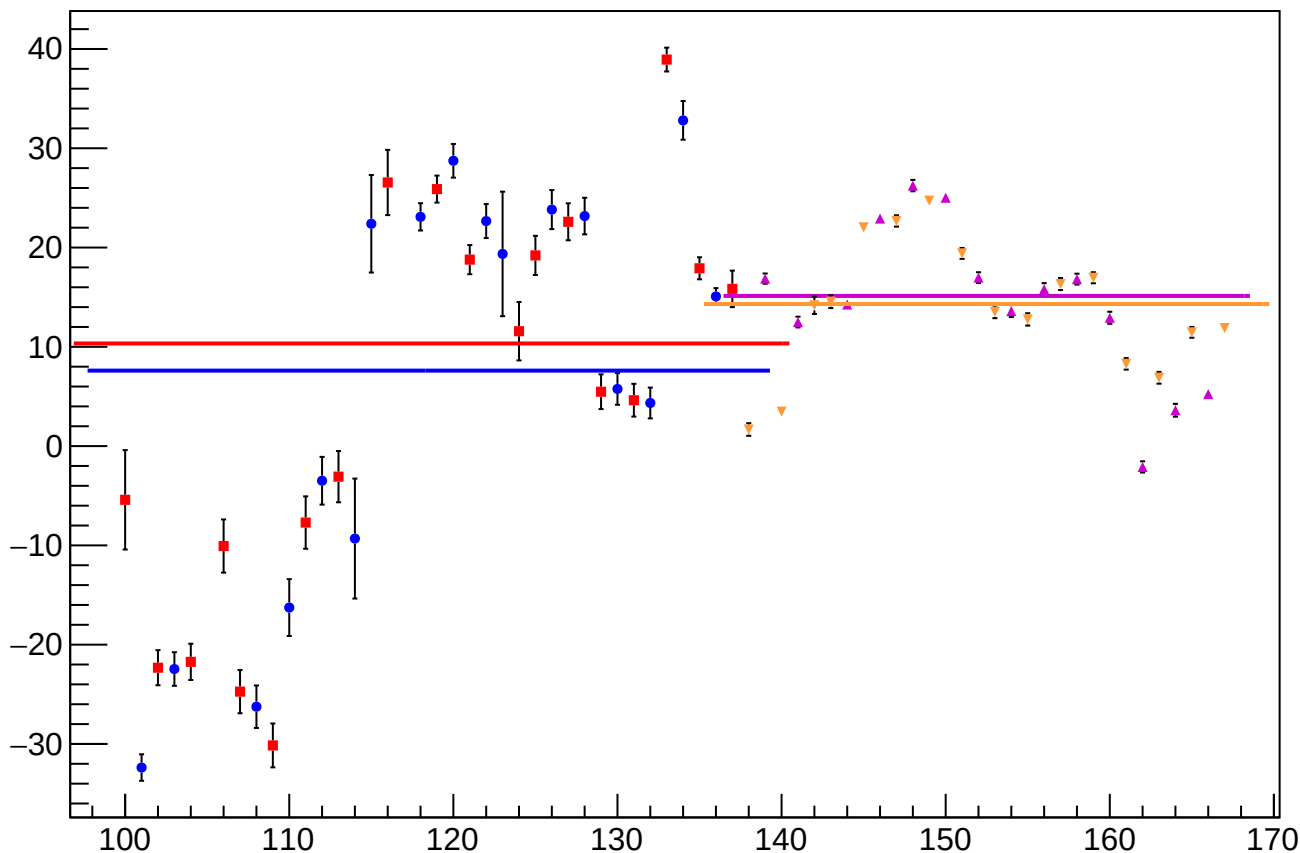
Left In: 6.336 ± 0.104 $\chi^2/\text{NDF}: 3783.5/13$

+ sign 6.857 ± 0.090 $\chi^2/\text{NDF}: 7747.5/32$

All: 6.801 ± 0.065 $\chi^2/\text{NDF}: 18316.0/65$

- sign 6.740 ± 0.093 $\chi^2/\text{NDF}: 10567.7/32$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 14.312 ± 0.136 χ^2/NDF : 2521.0/15

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

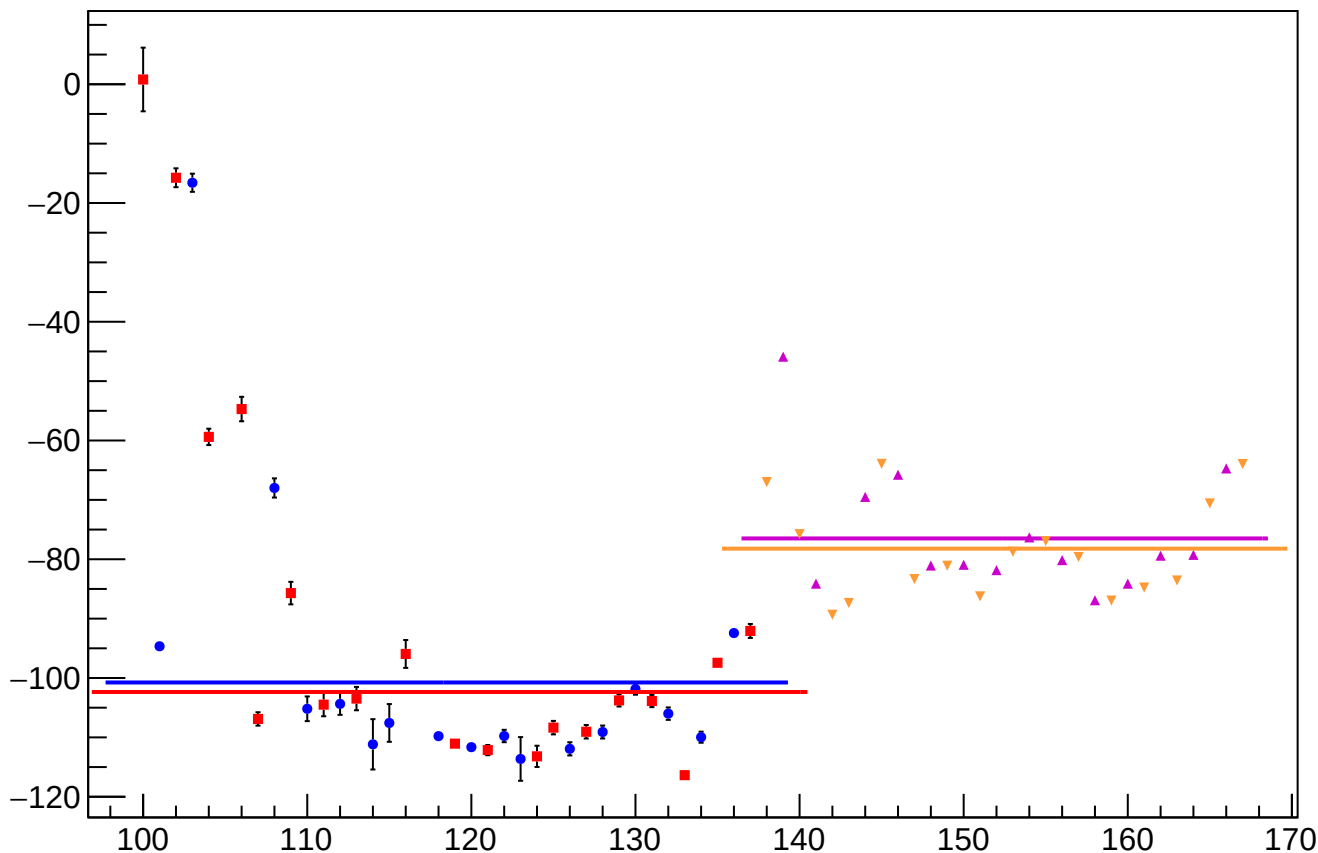
Left In: 15.126 ± 0.140 χ^2/NDF : 3038.2/13

+ sign 13.660 ± 0.130 χ^2/NDF : 5081.0/32

All: 14.137 ± 0.093 χ^2/NDF : 10547.5/65

- sign 14.638 ± 0.133 χ^2/NDF : 5438.7/32

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -78.214 ± 0.115 χ^2/NDF : 5254.0/15

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

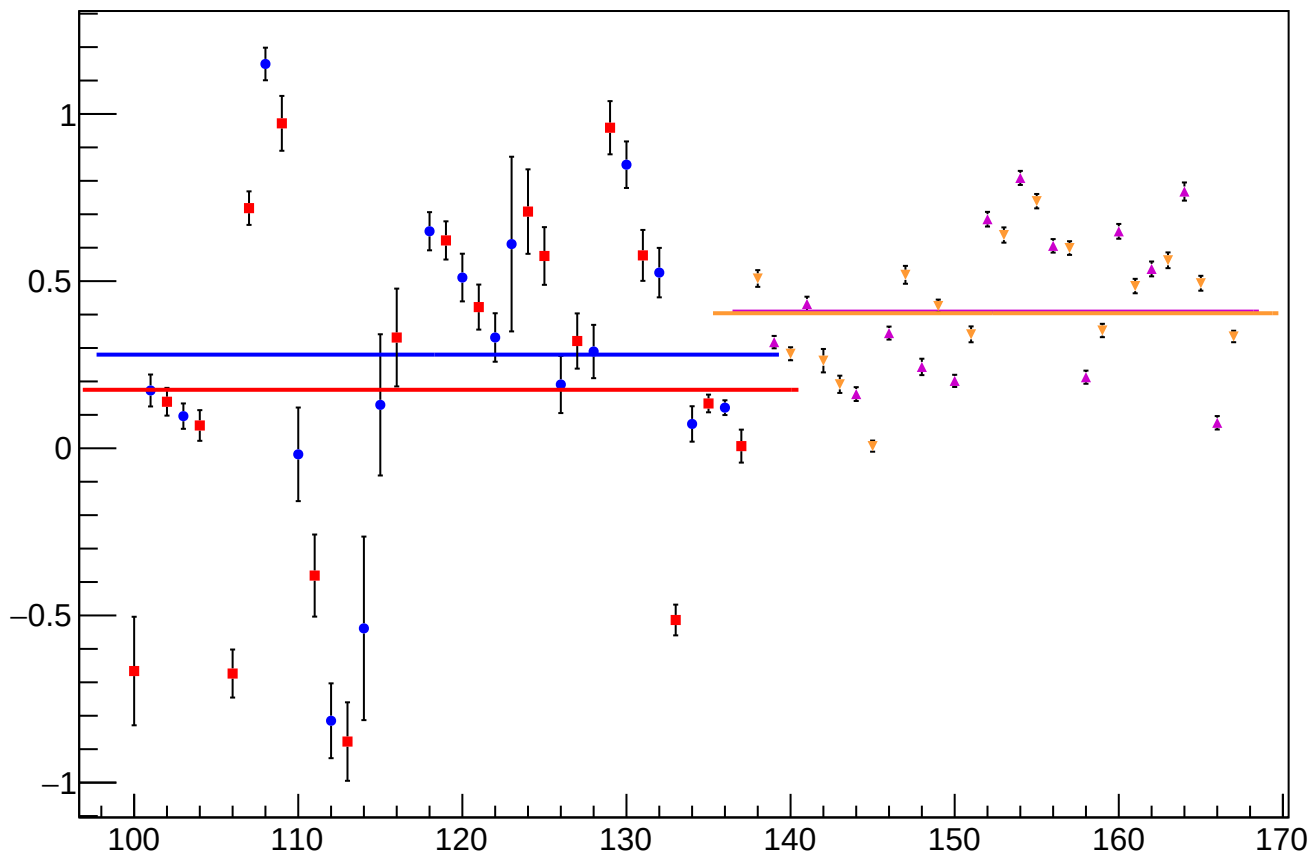
Left In: -76.495 ± 0.120 χ^2/NDF : 4989.9/13

+ sign -82.215 ± 0.104 χ^2/NDF : 16569.7/32

All: -81.862 ± 0.075 χ^2/NDF : 36563.2/65

- sign -81.485 ± 0.108 χ^2/NDF : 19970.0/32

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 ± 0.013 χ^2/NDF : 656.0/16

Left Out: 0.404 ± 0.005 χ^2/NDF : 1272.5/15

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

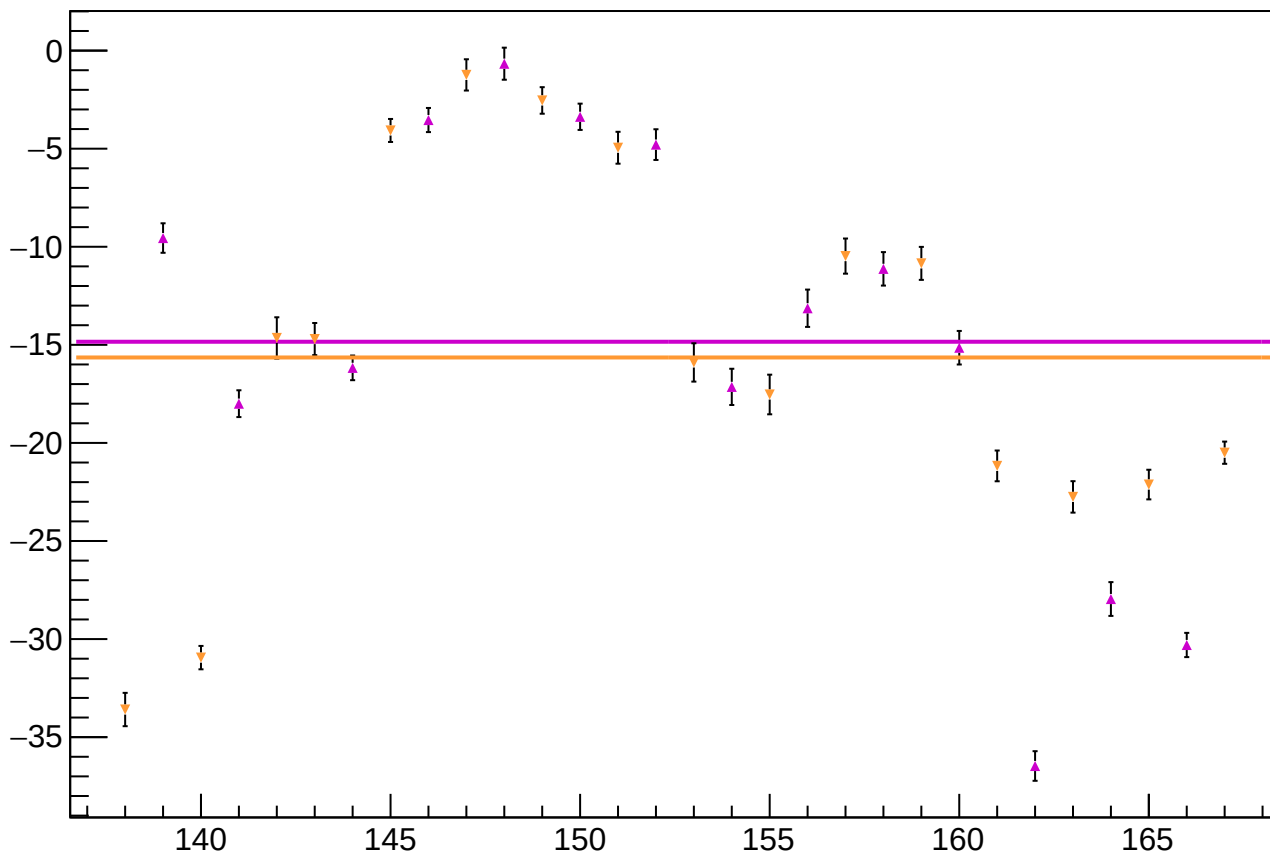
Left In: 0.409 ± 0.006 χ^2/NDF : 1665.1/13

+ sign 0.387 ± 0.005 χ^2/NDF : 2001.4/32

All: 0.381 ± 0.004 χ^2/NDF : 4894.2/65

- sign 0.374 ± 0.005 χ^2/NDF : 2889.8/32

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.644+/-0.191 χ^2/NDF : 2716.1/15

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

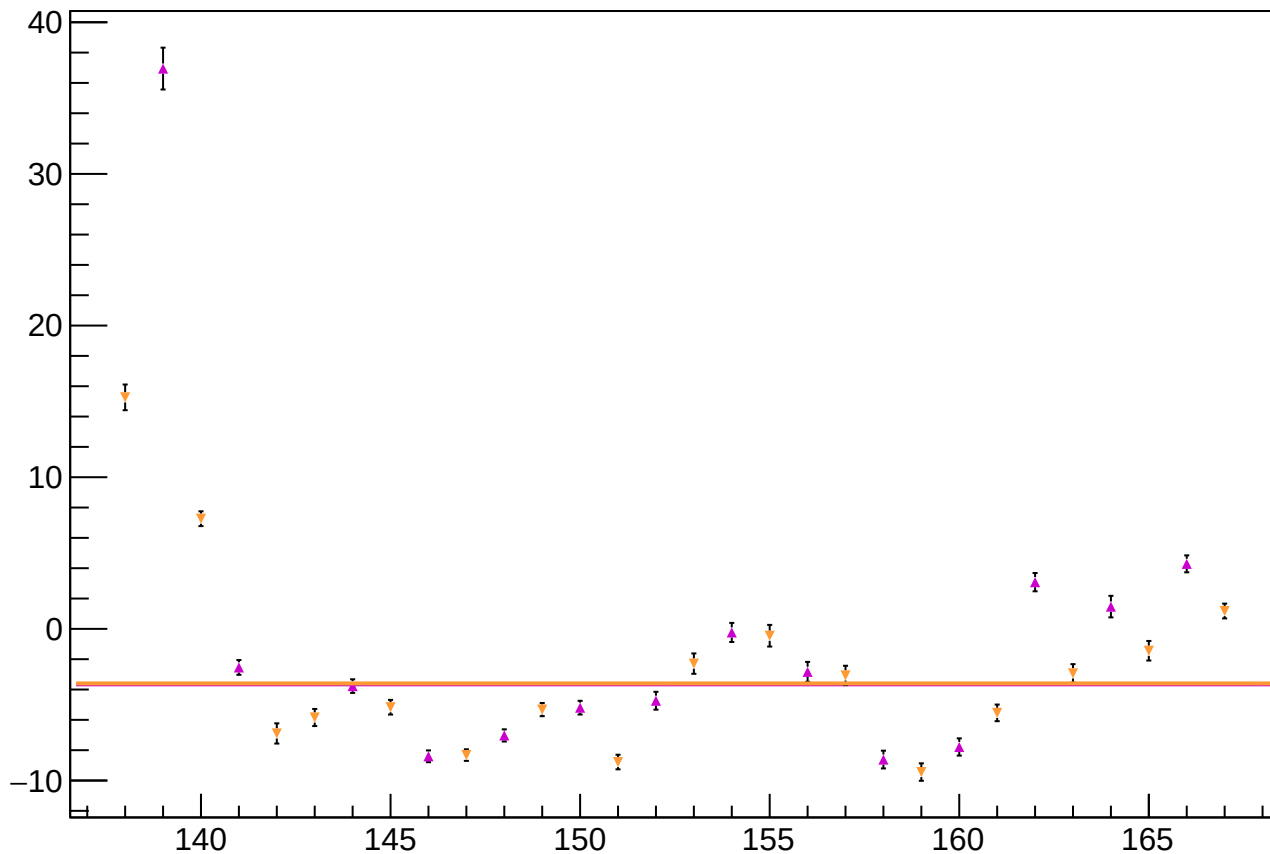
Left In: -14.842+/-0.199 χ^2/NDF : 2879.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.261+/-0.138 χ^2/NDF : 5603.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

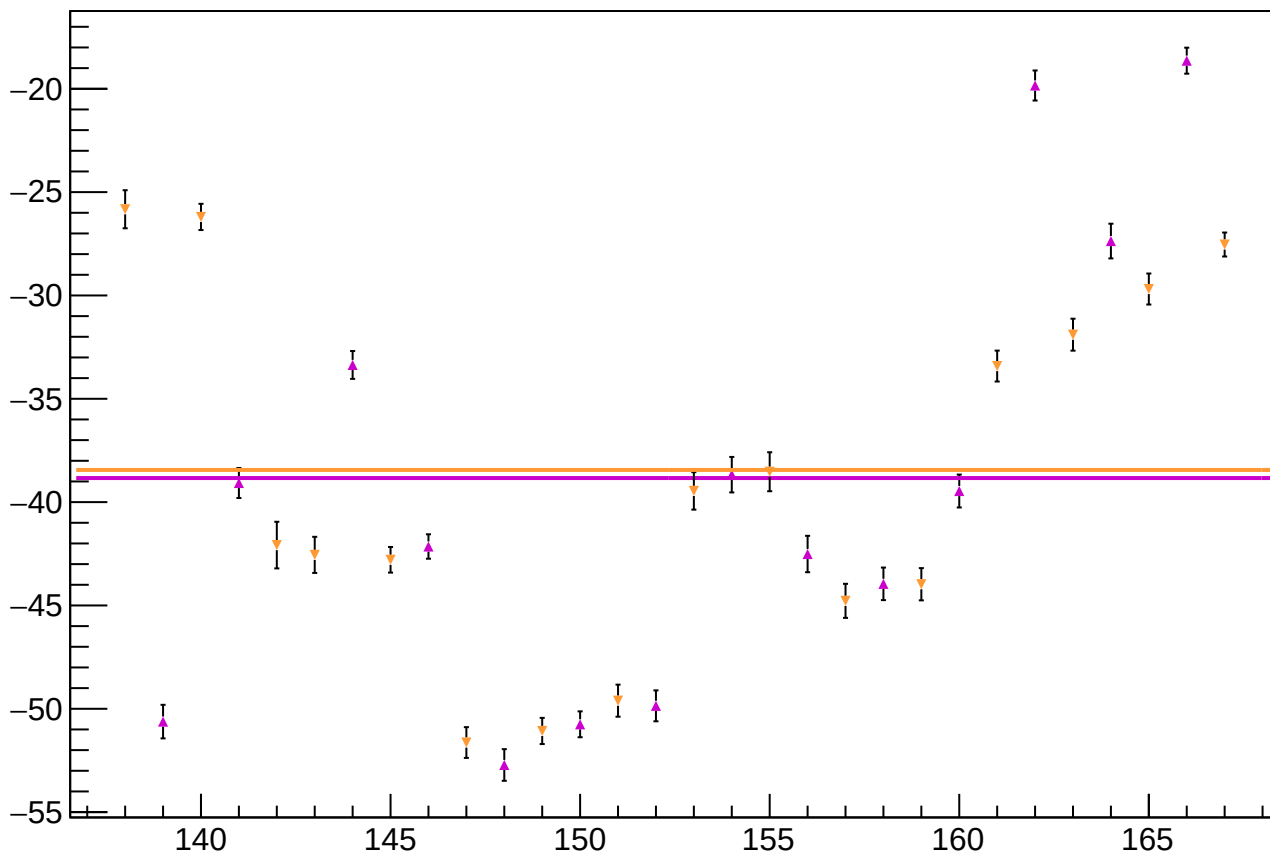
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.597+/-0.136 χ^2/NDF :1573.1/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.656+/-0.143 χ^2/NDF :1640.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.625+/-0.099 χ^2/NDF : 3213.4/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -38.443+/-0.189 χ^2/NDF : 2277.4/15

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

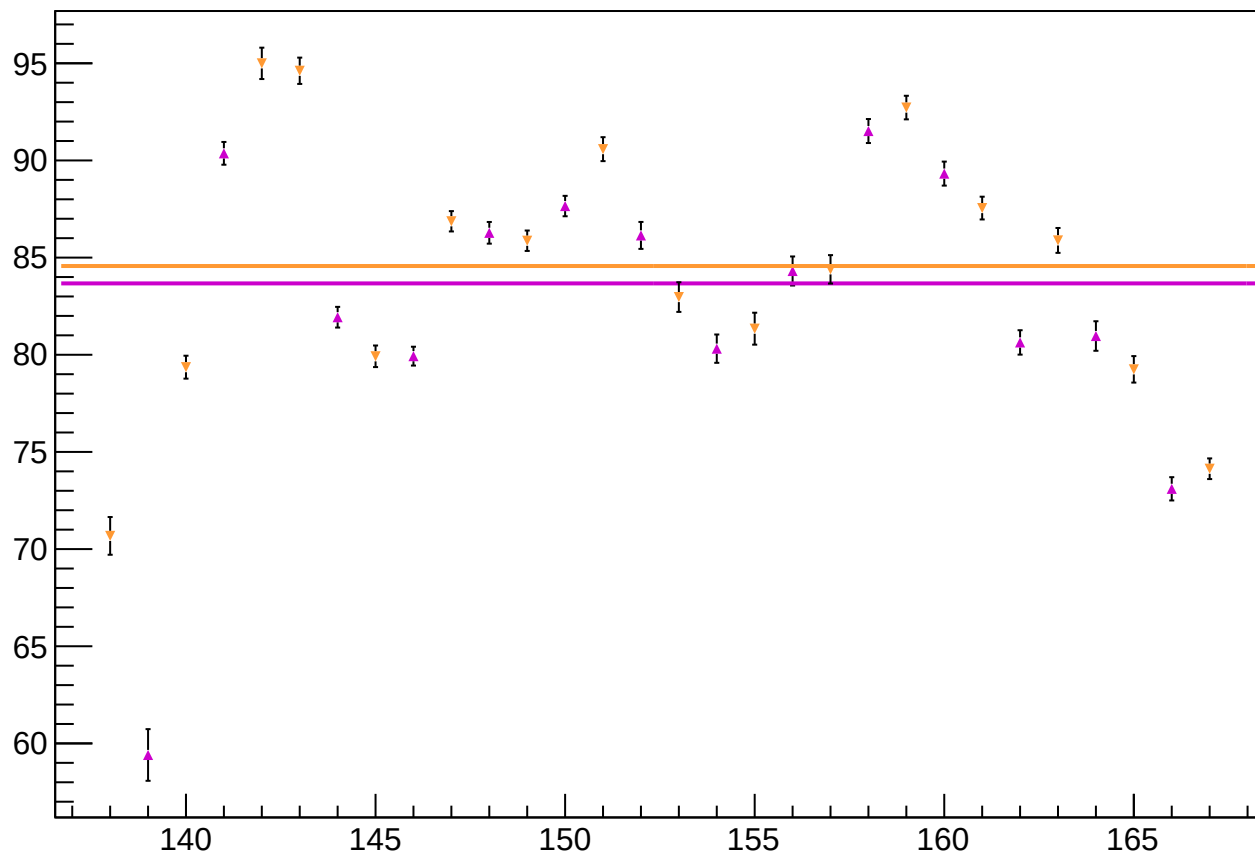
Left In: -38.835+/-0.195 χ^2/NDF : 3174.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.632+/-0.136 χ^2/NDF : 5453.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 84.567+/-0.159 χ^2 /NDF:1536.6/15

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

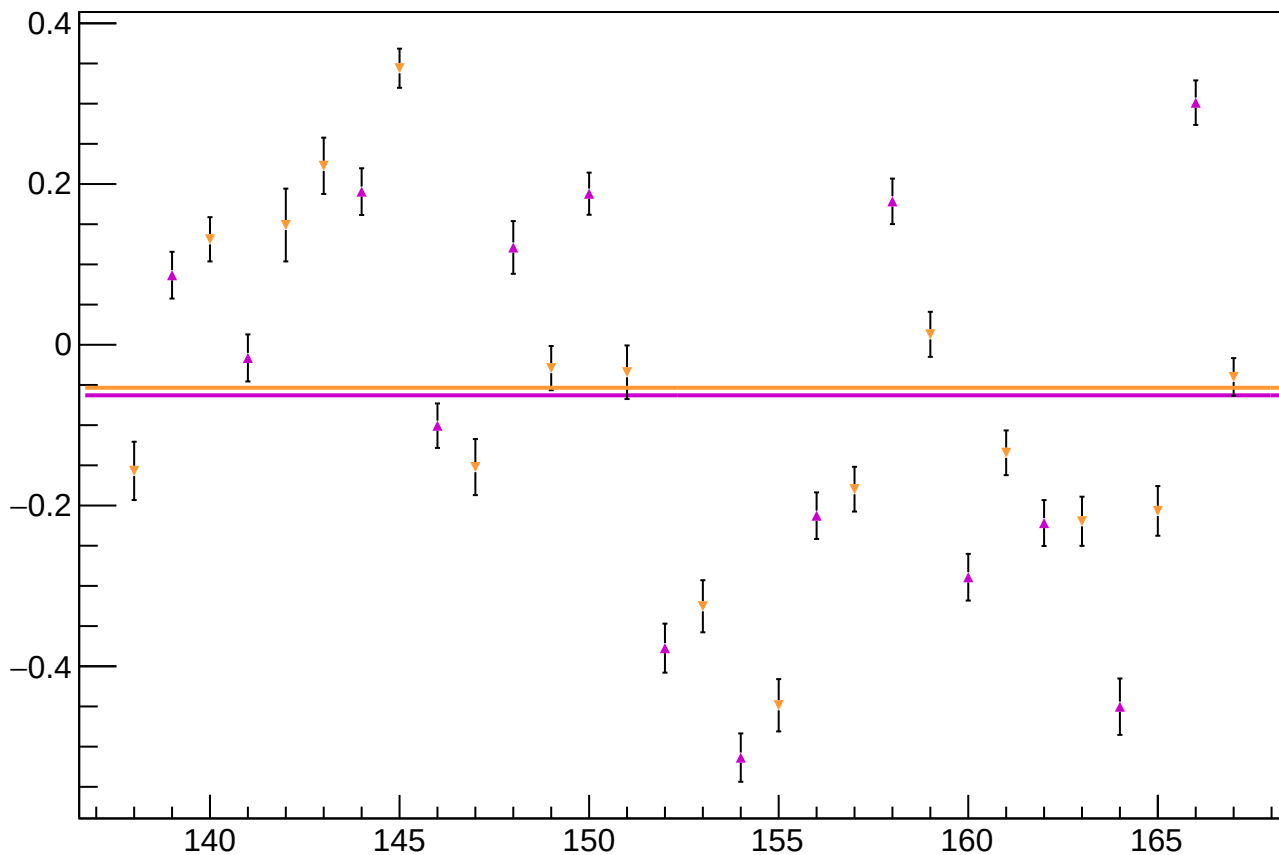
Left In: 83.673+/-0.166 χ^2 /NDF:1240.3/13

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 84.140+/-0.115 χ^2 /NDF: 2791.9/29

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.053 $\pm$ 0.007 χ^2 /NDF: 718.0/15

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

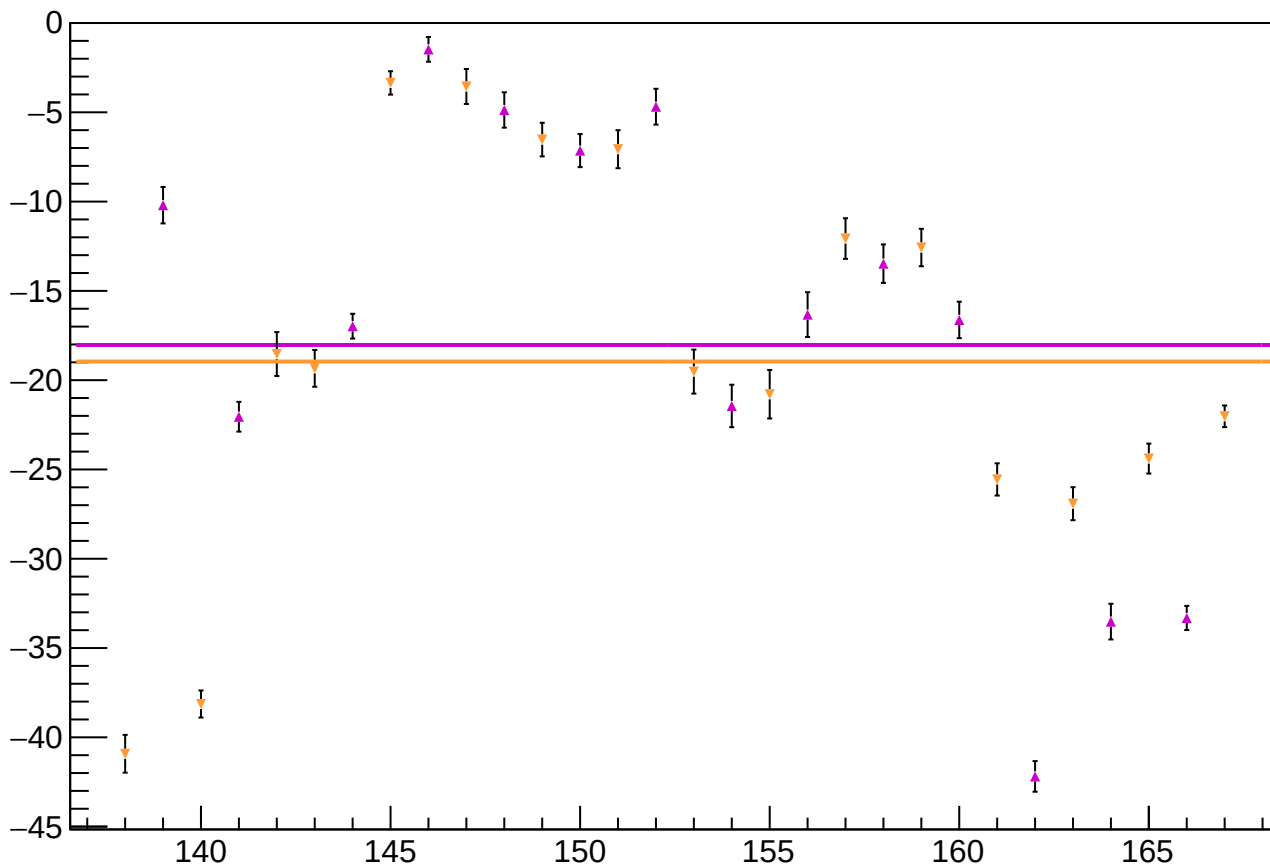
Left In: -0.063 $\pm$ 0.008 χ^2 /NDF: 1046.6/13

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

All: -0.058 $\pm$ 0.005 χ^2 /NDF: 1765.4/29

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

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.958 ± 0.229 χ^2/NDF : 2456.7/15

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

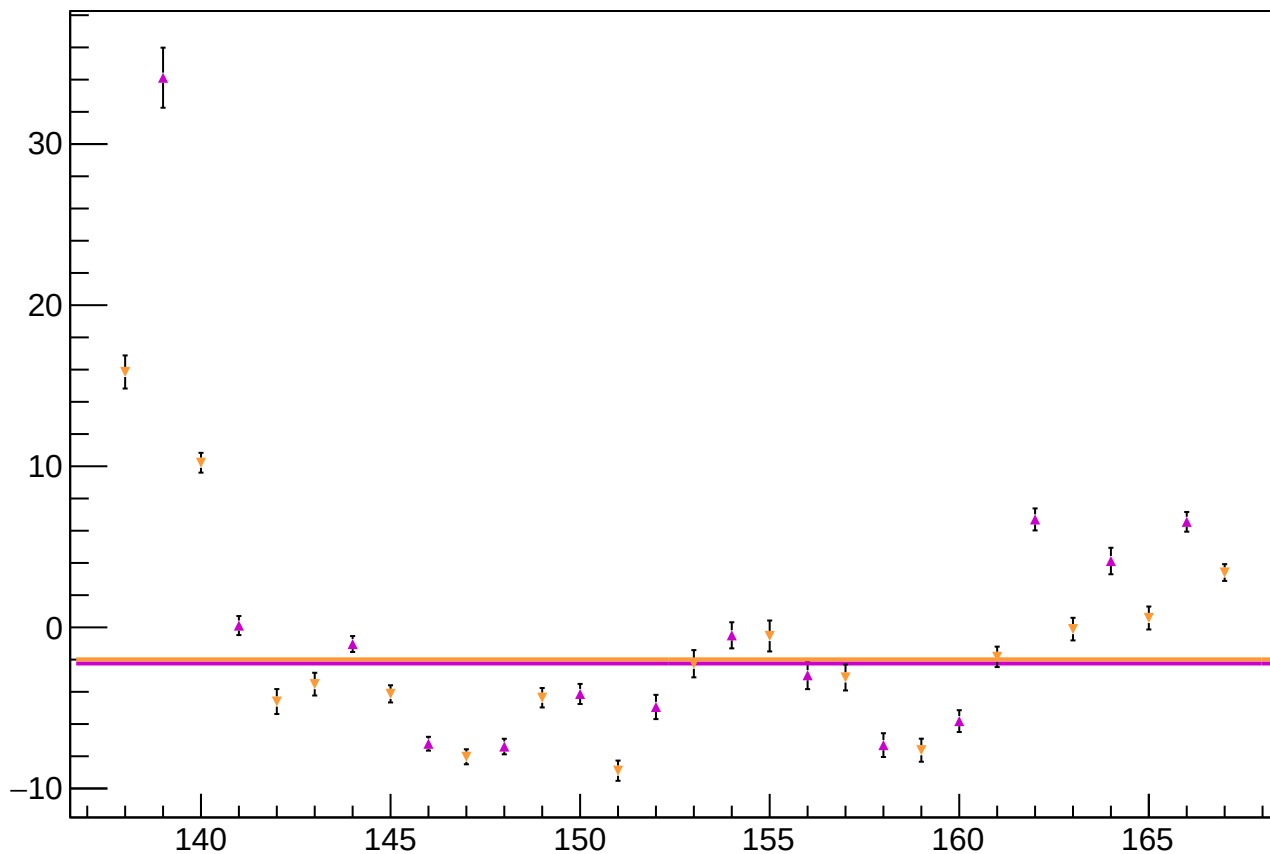
Left In: -18.030 ± 0.239 χ^2/NDF : 2722.7/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.514 ± 0.166 χ^2/NDF : 5187.2/29

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -1.984 $\pm$ 0.165 χ^2 /NDF: 1227.3/15

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

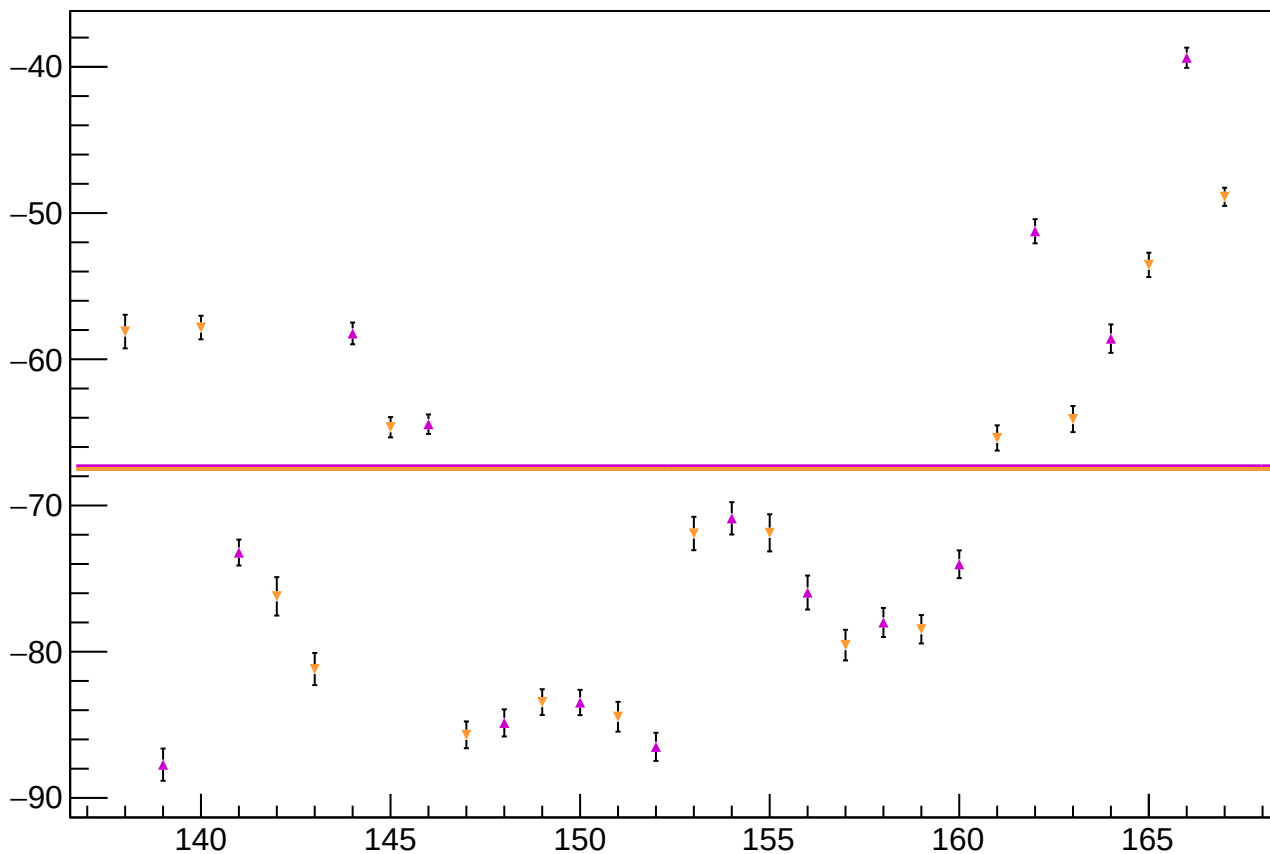
Left In: -2.241 $\pm$ 0.170 χ^2 /NDF: 1191.0/13

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

All: -2.108 $\pm$ 0.118 χ^2 /NDF: 2419.5/29

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

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -67.501+/-0.228 χ^2/NDF : 2913.8/15

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

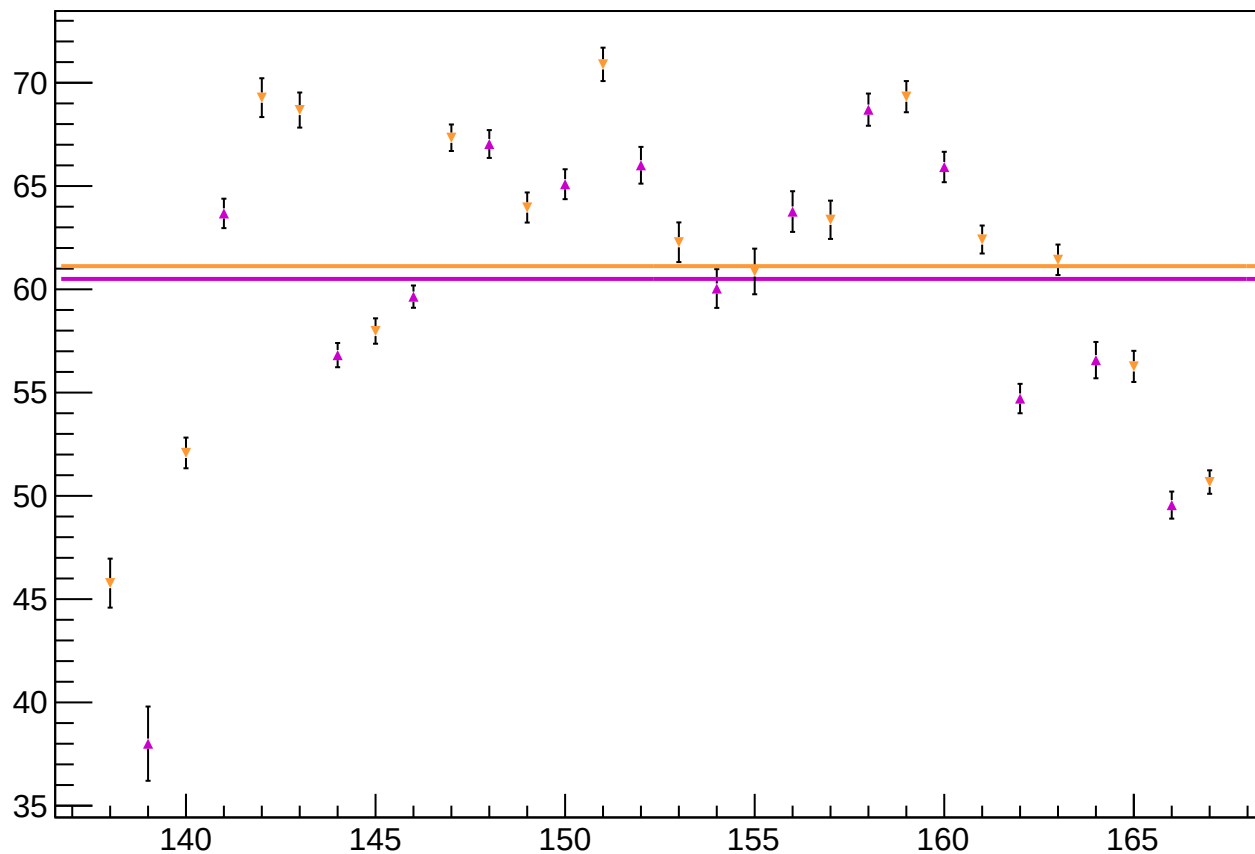
Left In: -67.323+/-0.235 χ^2/NDF : 3992.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.415+/-0.164 χ^2/NDF : 6906.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 61.122+/-0.192 χ^2/NDF :1260.4/15

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

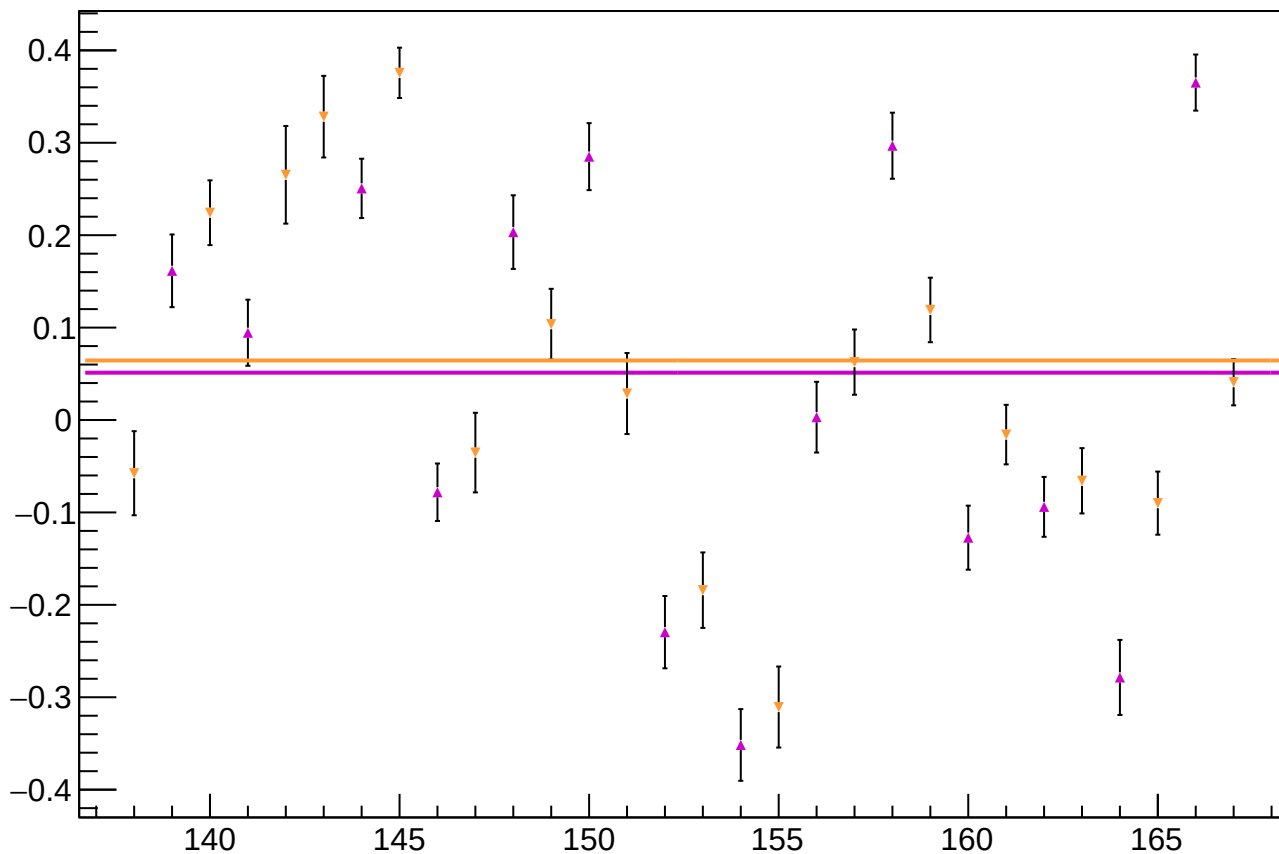
Left In: 60.503+/-0.199 χ^2/NDF :932.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.824+/-0.138 χ^2/NDF : 2197.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.064+/-0.009 χ^2/NDF : 369.5/15

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

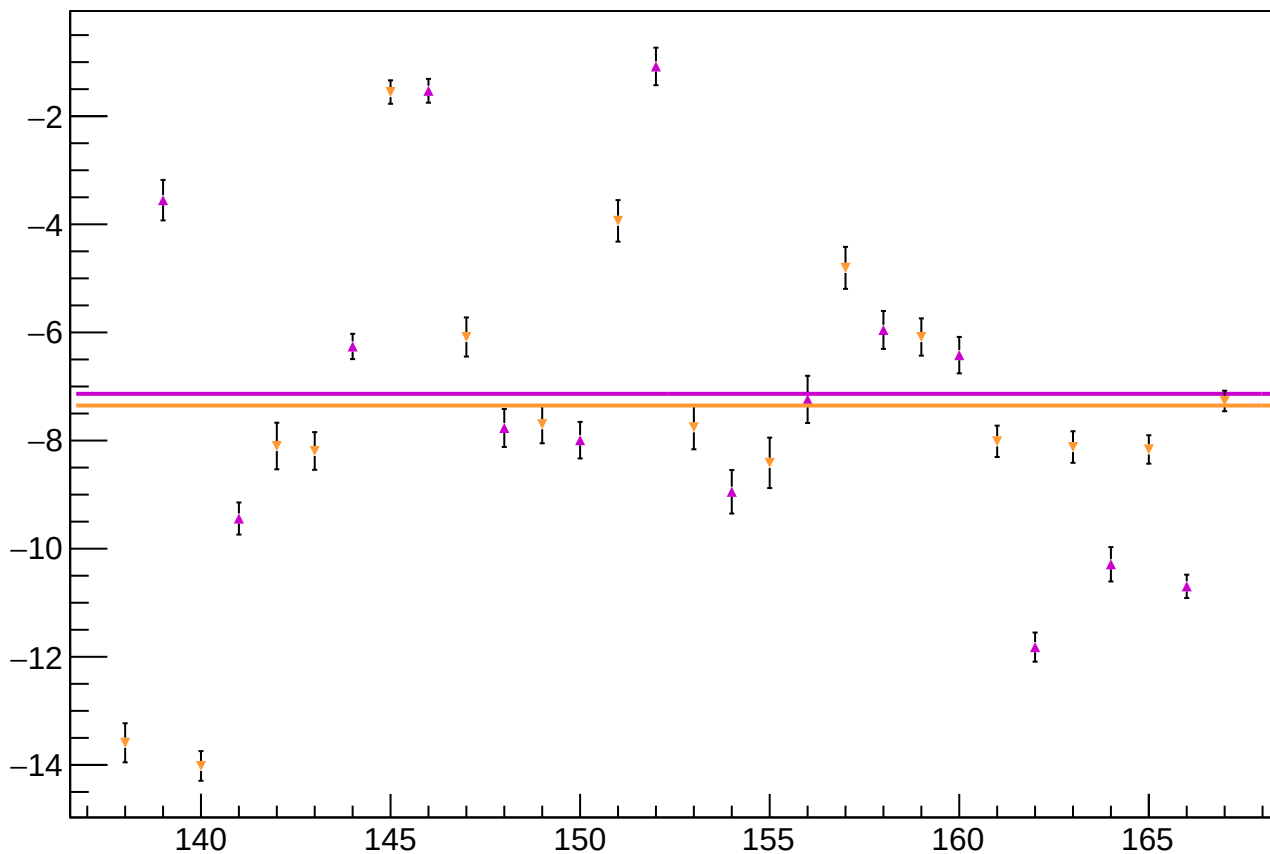
Left In: 0.051+/-0.009 χ^2/NDF : 548.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.007 χ^2/NDF : 919.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

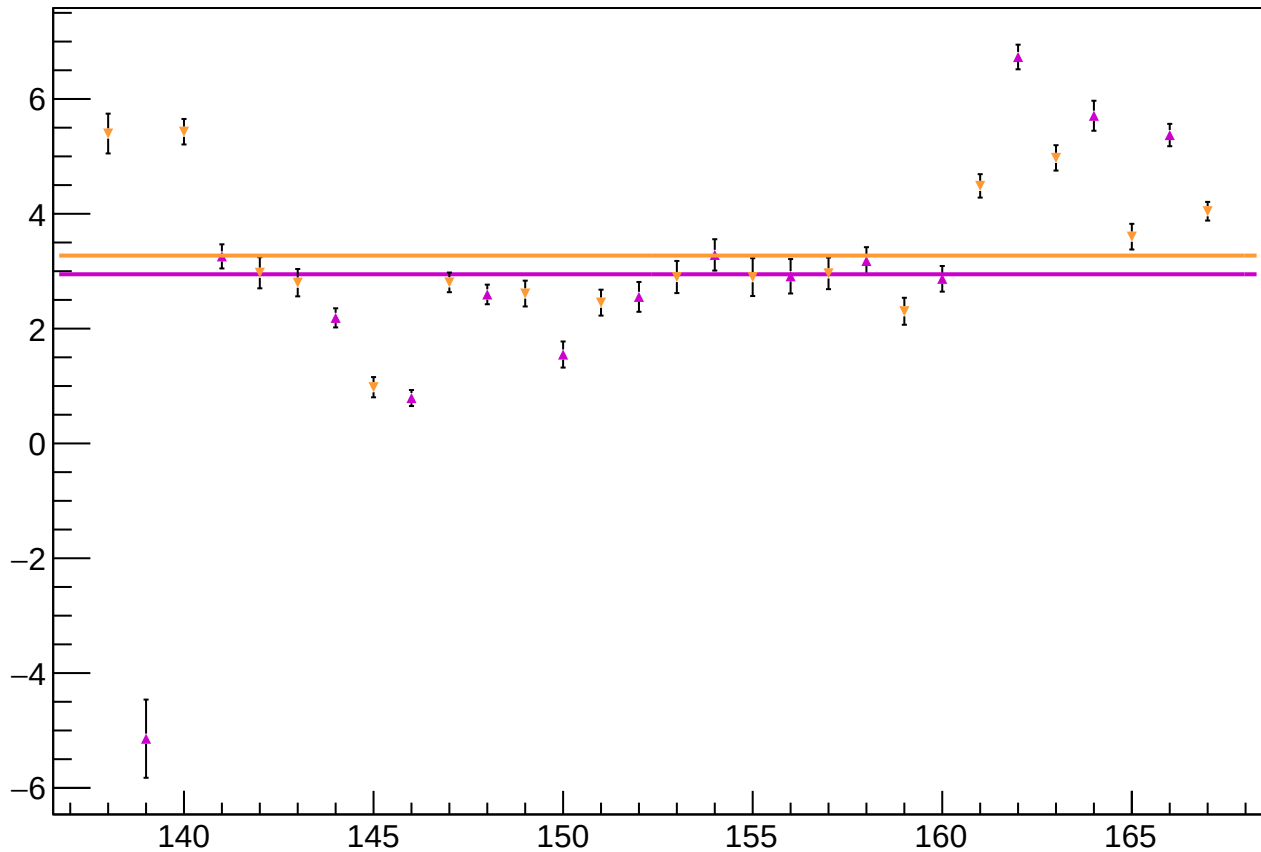
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.352+/-0.077 χ^2/NDF :1786.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.136+/-0.080 χ^2/NDF :1833.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.248+/-0.055 χ^2/NDF : 3623.9/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

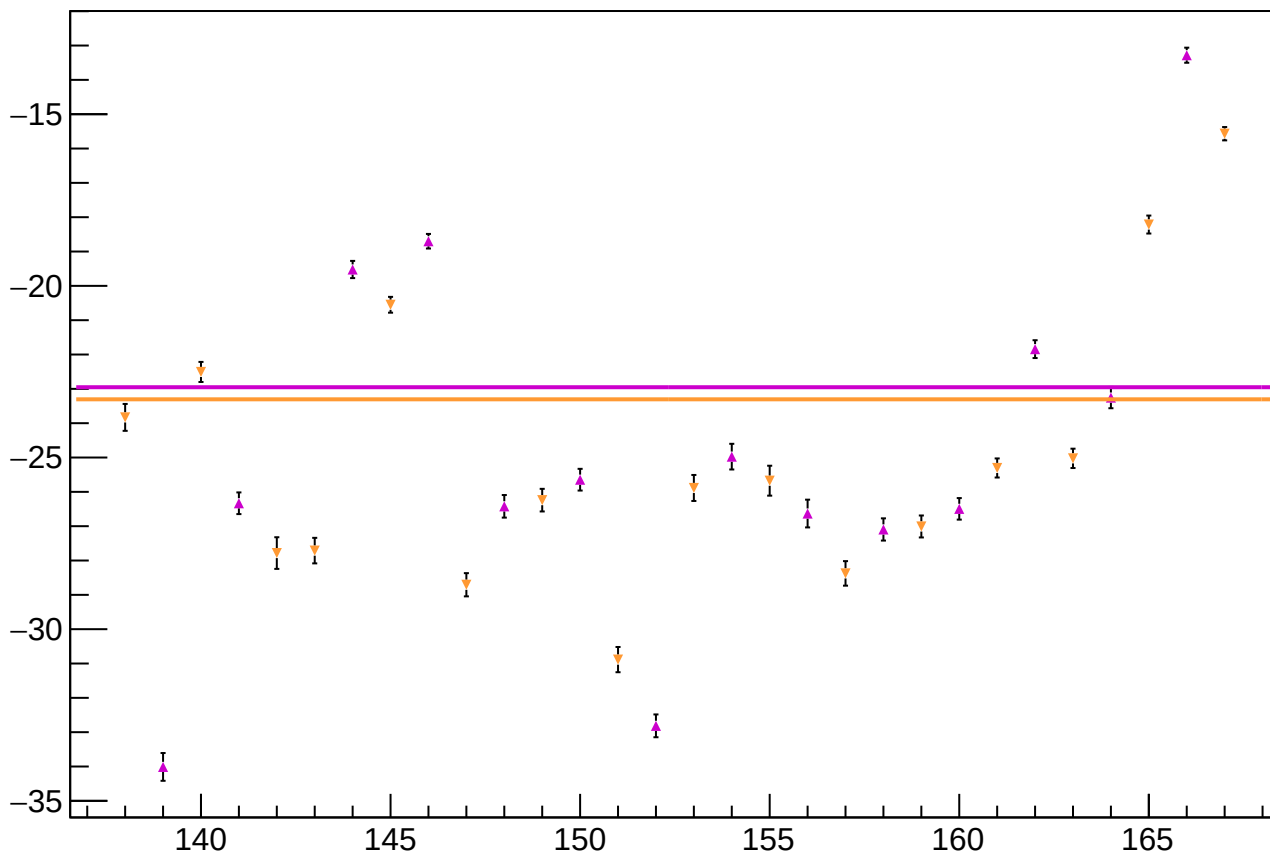
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 3.272 +/- 0.056 χ^2/NDF : 476.1/15
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 2.947 +/- 0.057 χ^2/NDF : 1027.6/13

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 All: 3.114 +/- 0.040 χ^2/NDF : 1520.3/29
 - sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -23.305 $\pm$ 0.076 χ^2 /NDF: 3612.9/15

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

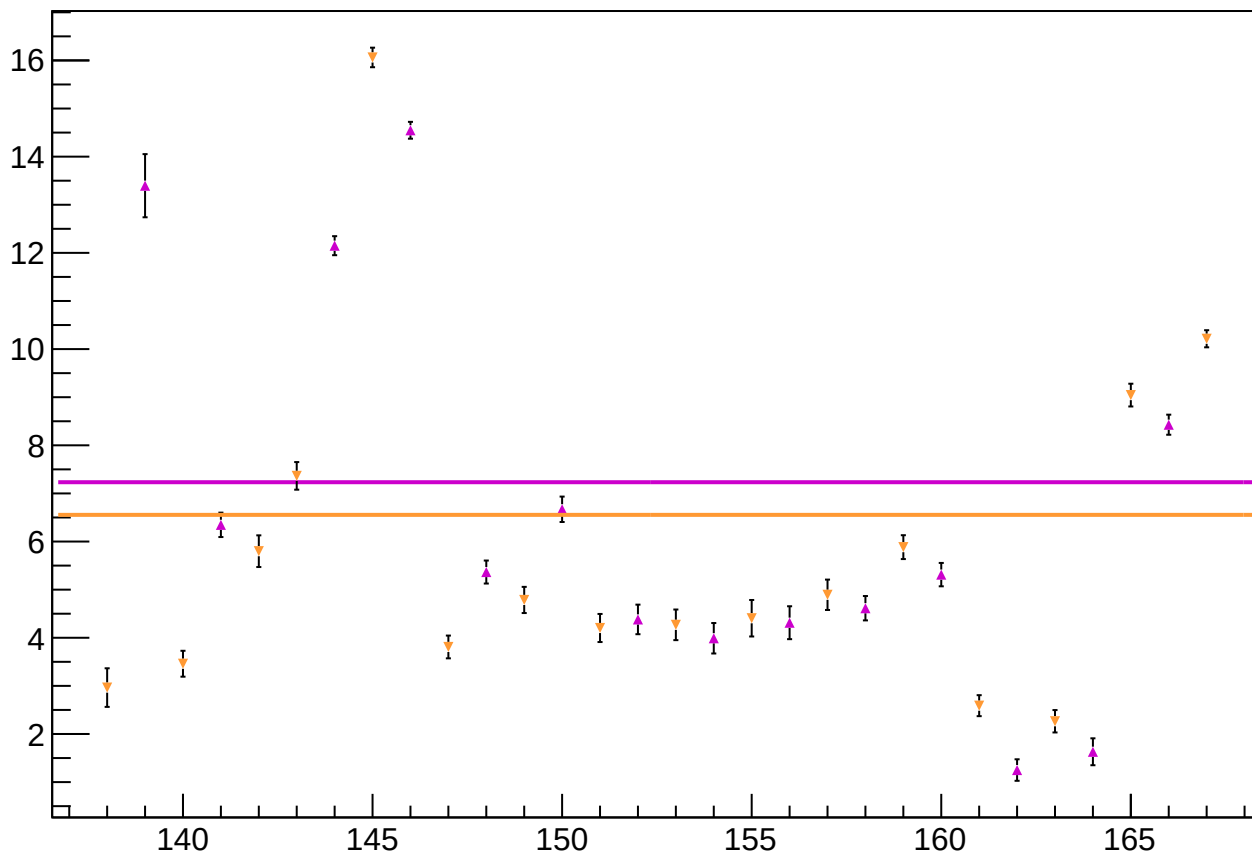
Left In: -22.952 $\pm$ 0.079 χ^2 /NDF: 4874.7/13

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

All: -23.133 $\pm$ 0.055 χ^2 /NDF: 8498.0/29

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

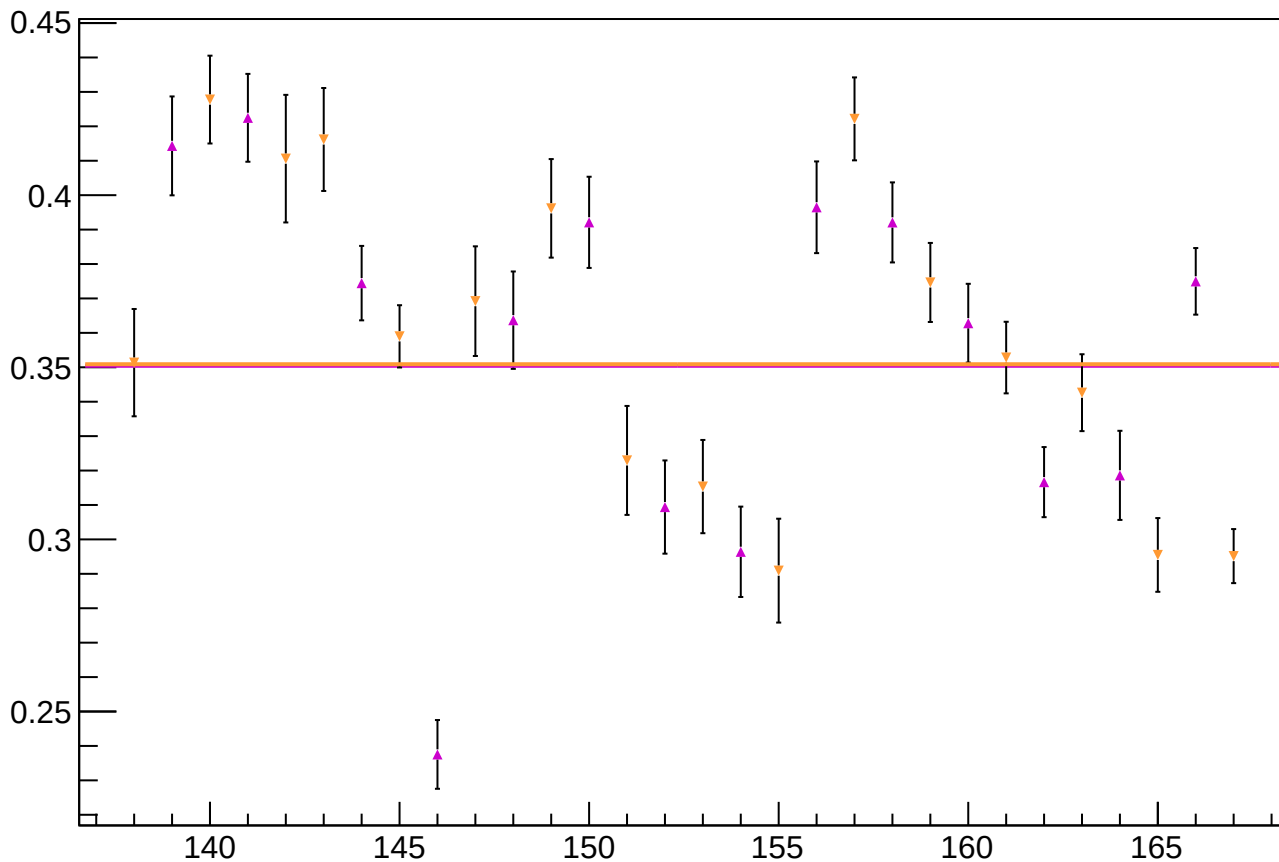
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.555+/-0.064 χ^2/NDF : 3979.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.233+/-0.067 χ^2/NDF : 4117.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.883+/-0.046 χ^2/NDF : 8151.1/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

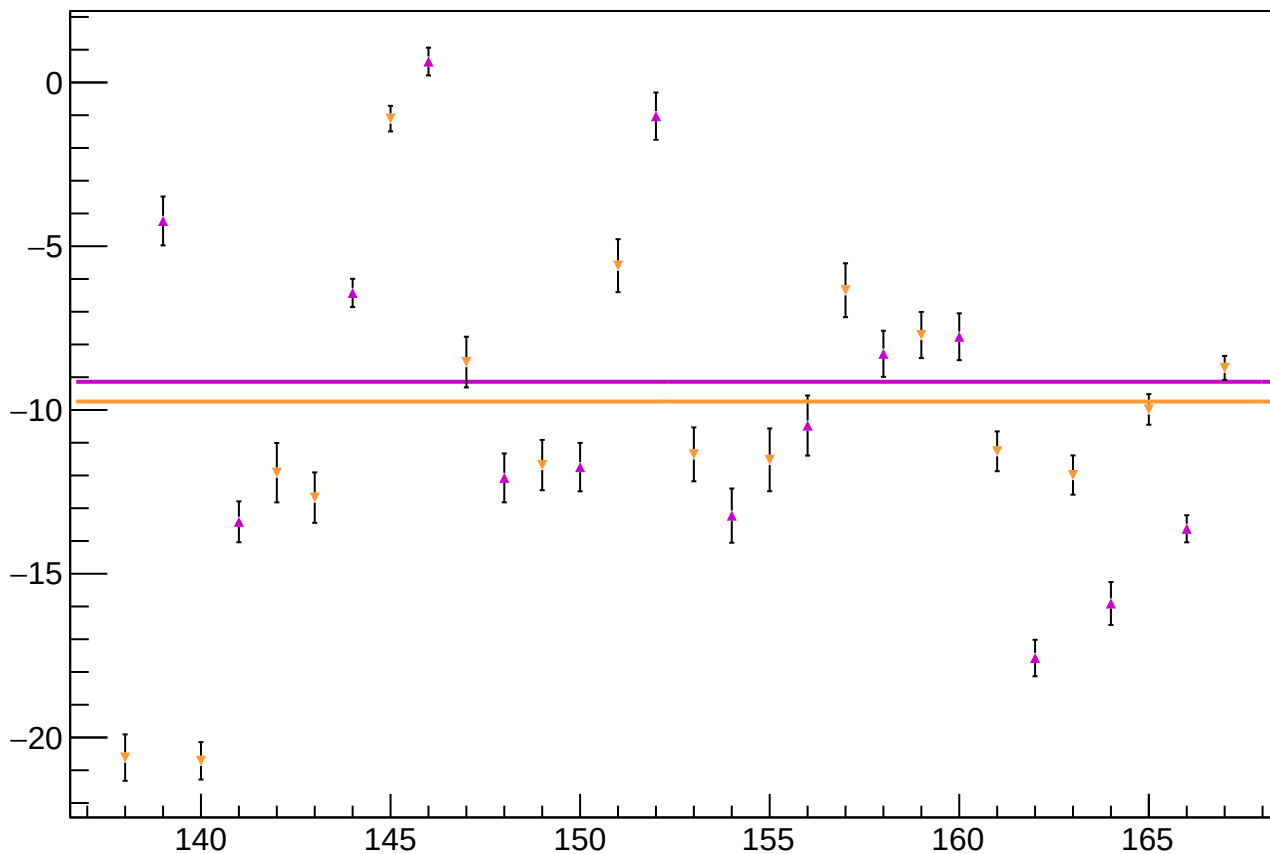
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.351+/-0.003 χ^2/NDF :220.7/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.350+/-0.003 χ^2/NDF :270.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.351+/-0.002 χ^2/NDF : 491.4/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -9.742 $\pm$ 0.152 χ^2 /NDF:1210.8/15

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

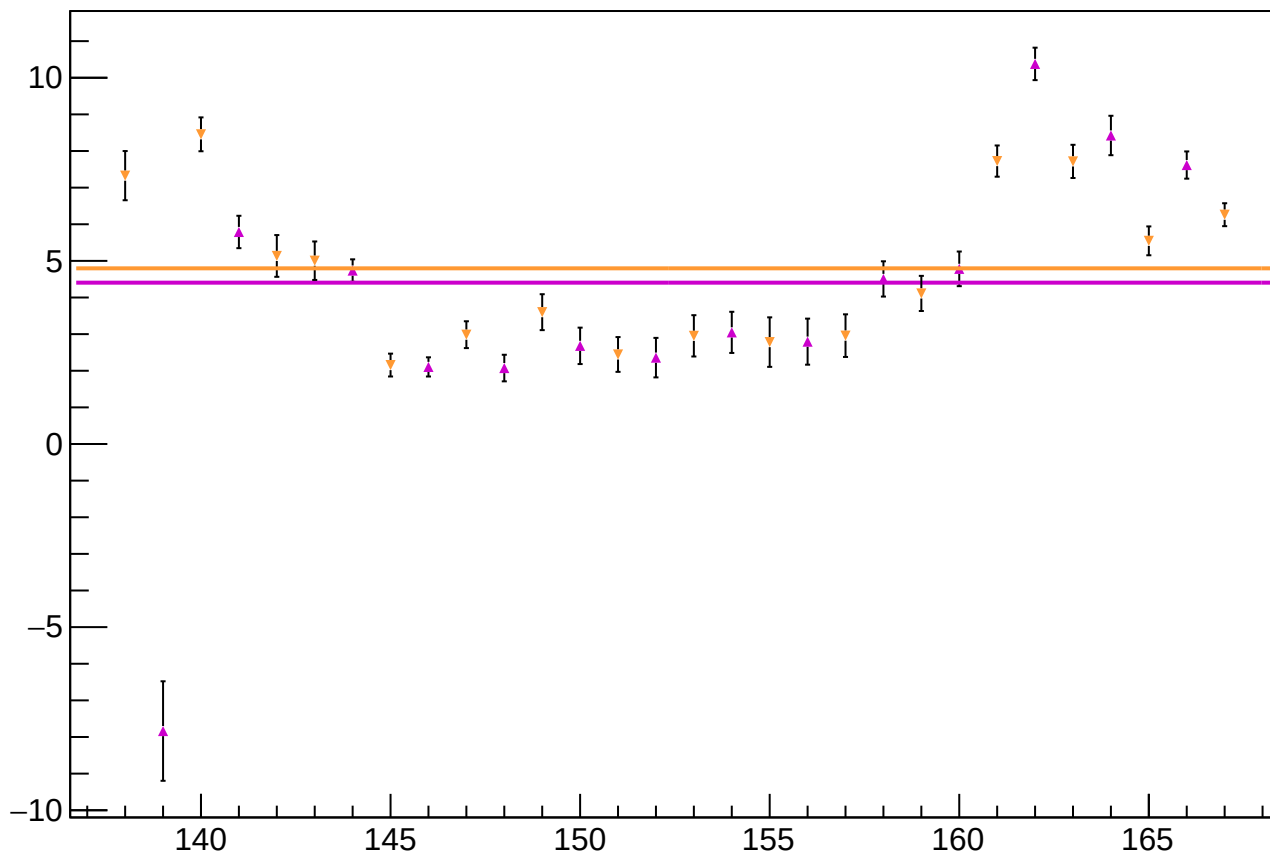
Left In: -9.139 $\pm$ 0.160 χ^2 /NDF:1301.2/13

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

All: -9.456 $\pm$ 0.111 χ^2 /NDF: 2519.5/29

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

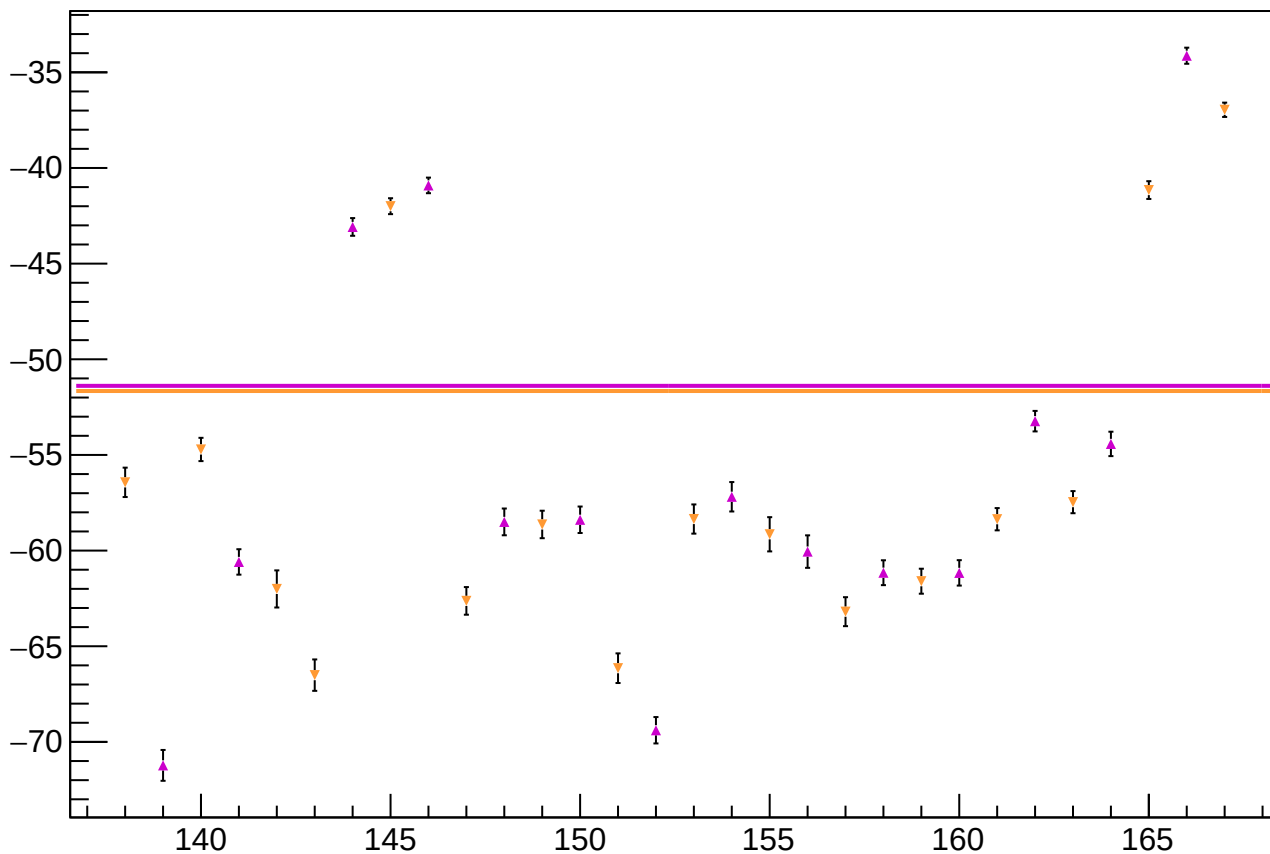
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.797 $\pm$ 0.112 χ^2 /NDF:349.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.405 $\pm$ 0.115 χ^2 /NDF:562.2/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.605 $\pm$ 0.080 χ^2 /NDF: 917.8/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -51.659+/-0.152 χ^2/NDF : 4617.3/15

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

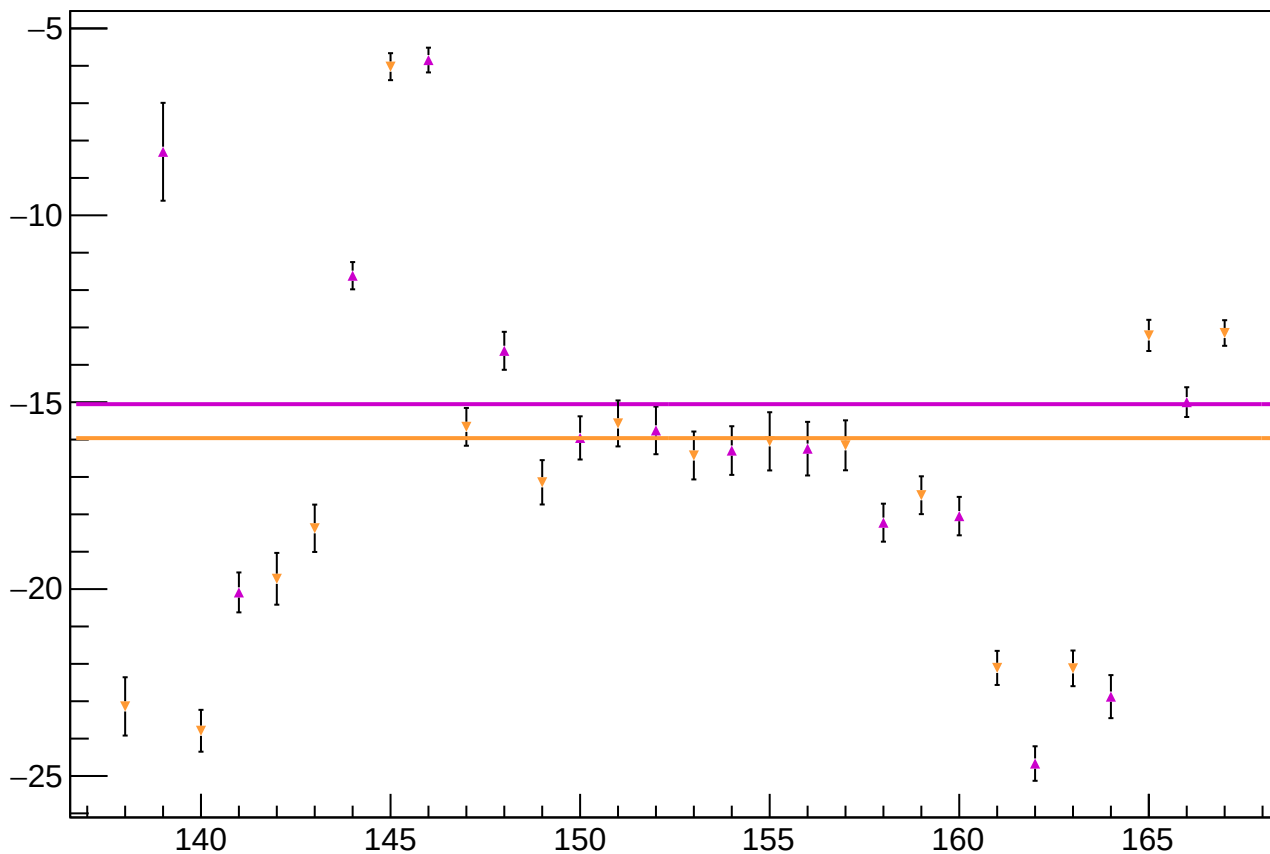
Left In: -51.388+/-0.158 χ^2/NDF : 4988.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.528+/-0.110 χ^2/NDF : 9607.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.961+/-0.129 χ^2/NDF : 1556.3/15

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

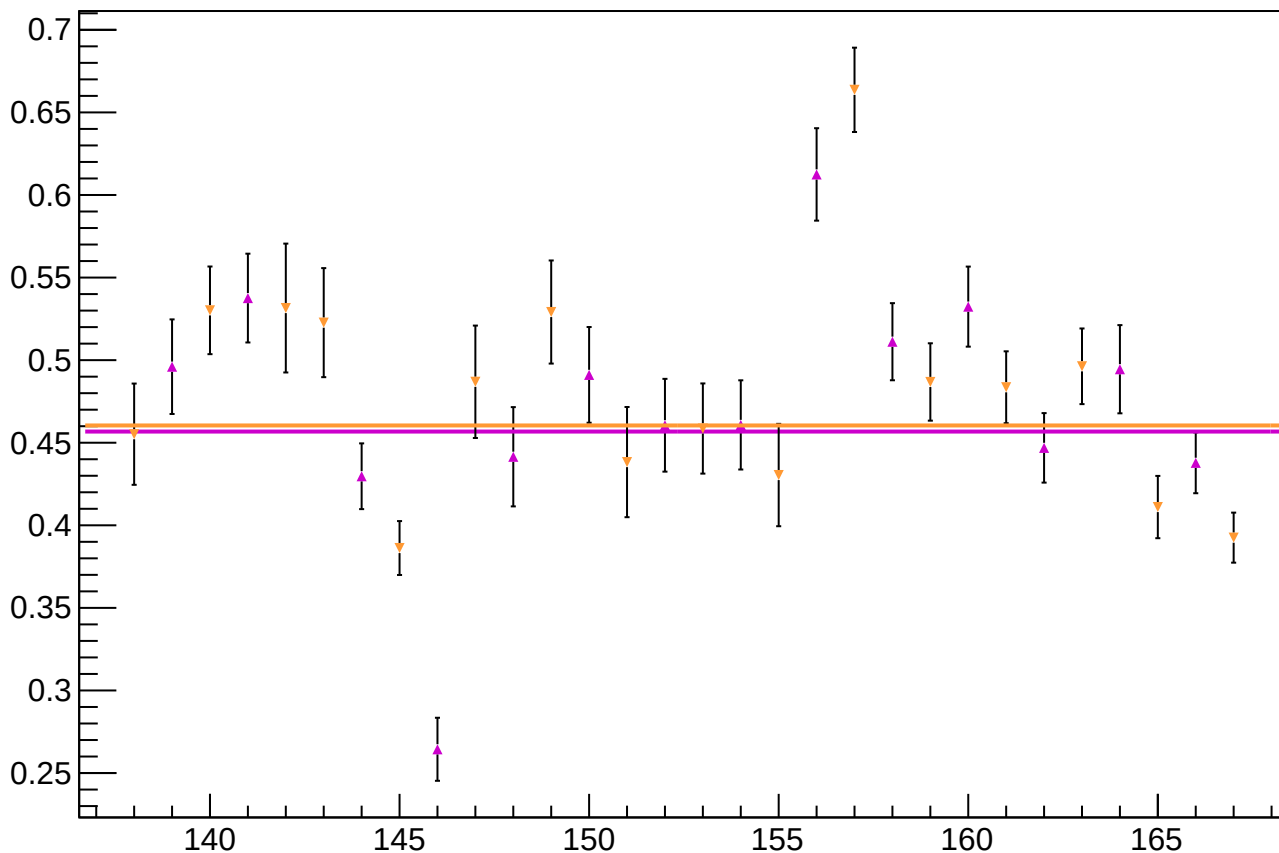
Left In: -15.052+/-0.134 χ^2/NDF : 1686.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.523+/-0.093 χ^2/NDF : 3266.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

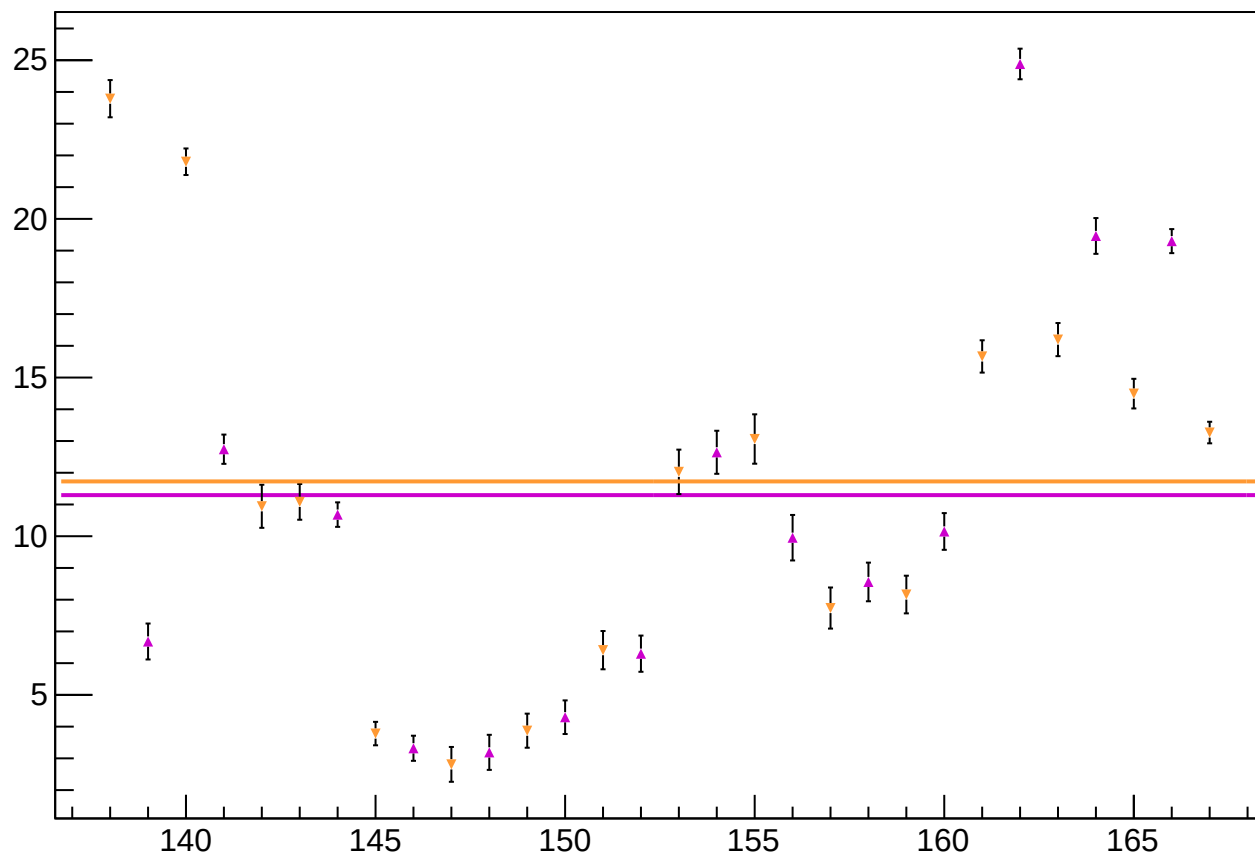
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.460 $\pm$ 0.006 χ^2 /NDF:136.5/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.457 $\pm$ 0.006 χ^2 /NDF:165.5/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.459 $\pm$ 0.004 χ^2 /NDF: 302.1/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 11.727 $\pm$ 0.129 χ^2 /NDF:2289.3/15

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

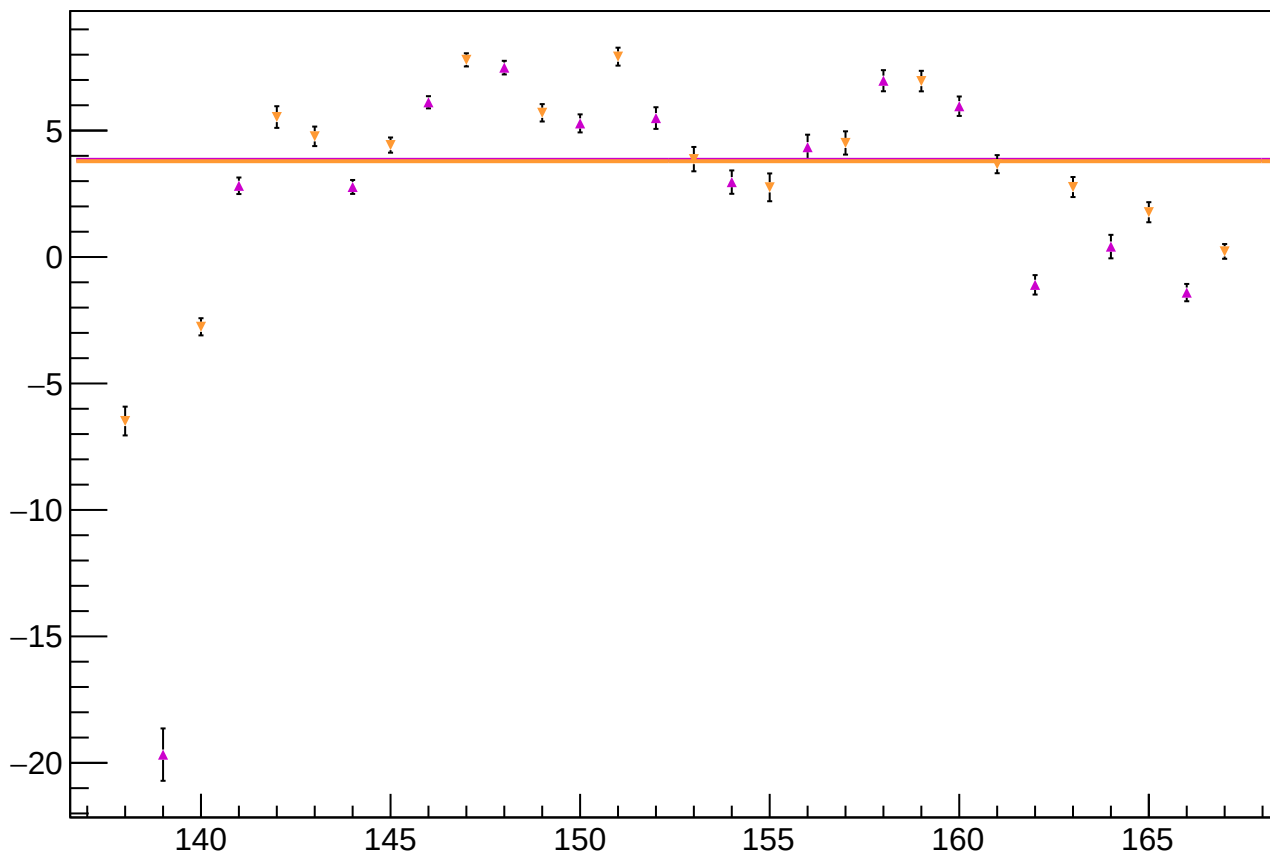
Left In: 11.295 $\pm$ 0.135 χ^2 /NDF:2433.3/13

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

All: 11.521 $\pm$ 0.093 χ^2 /NDF: 4728.0/29

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

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: 3.788 $\pm$ 0.093 χ^2 /NDF:1377.3/15

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

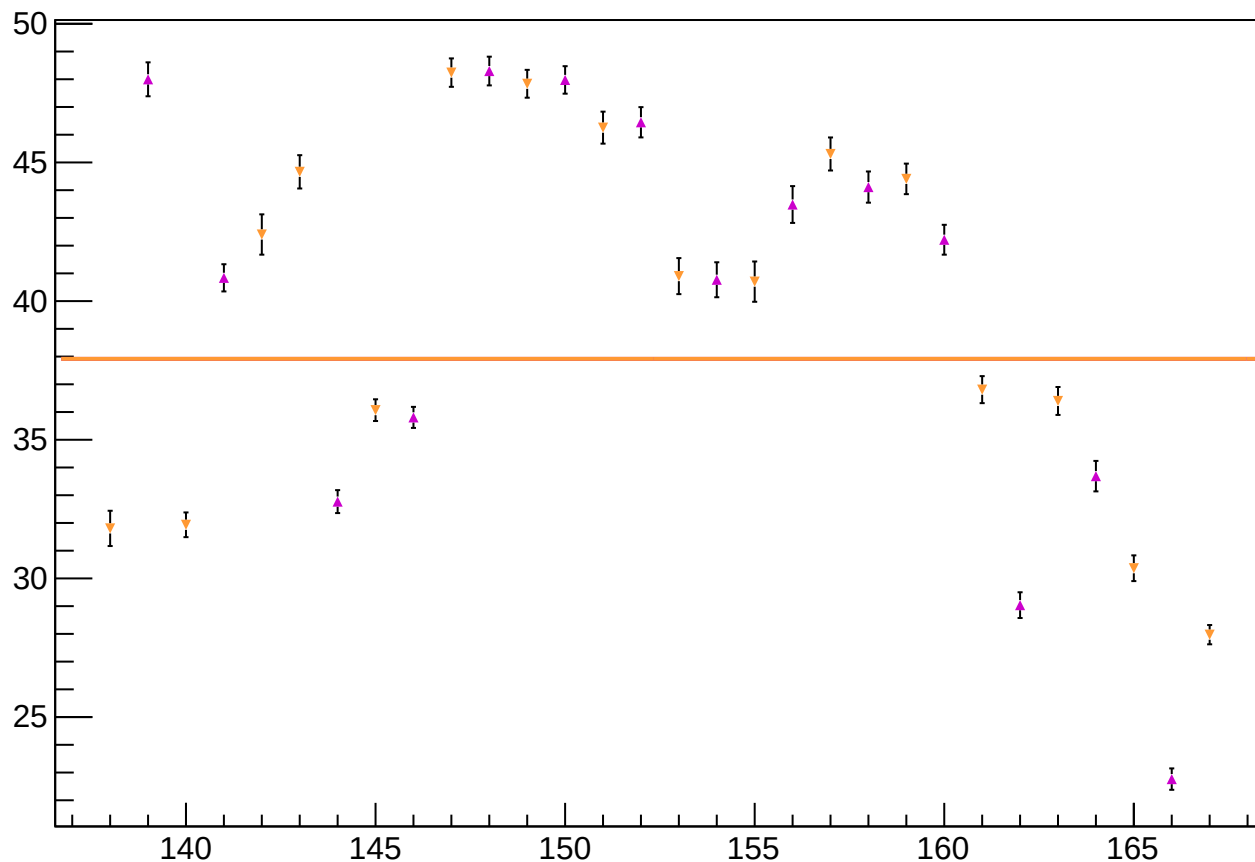
Left In: 3.842 $\pm$ 0.096 χ^2 /NDF:1390.5/13

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

All: 3.814 $\pm$ 0.067 χ^2 /NDF: 2767.9/29

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

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: 37.918 $\pm$ 0.128 χ^2 /NDF:2889.6/15

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

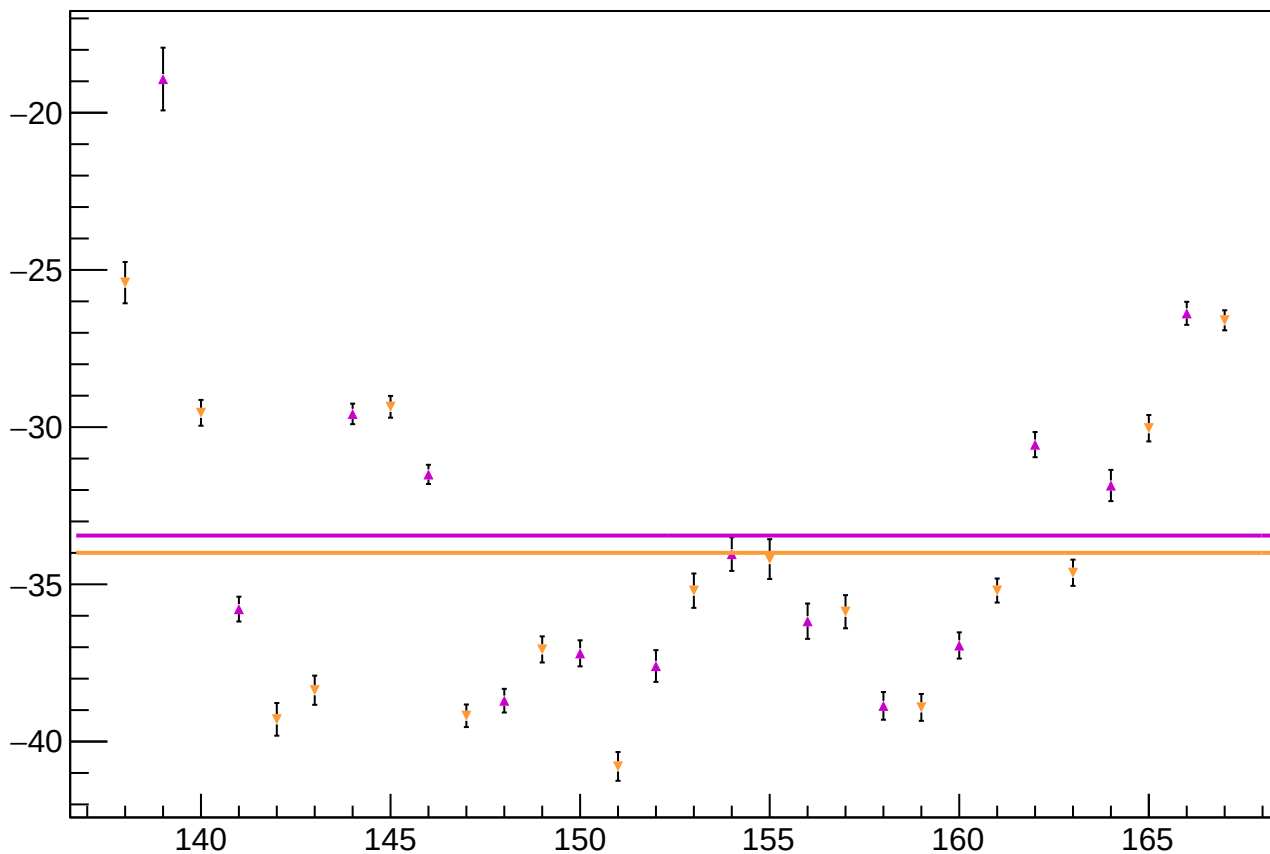
Left In: 37.915 $\pm$ 0.133 χ^2 /NDF:3793.9/13

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

All: 37.917 $\pm$ 0.092 χ^2 /NDF: 6683.5/29

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

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: -33.998+/-0.108 χ^2/NDF : 1934.5/15

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

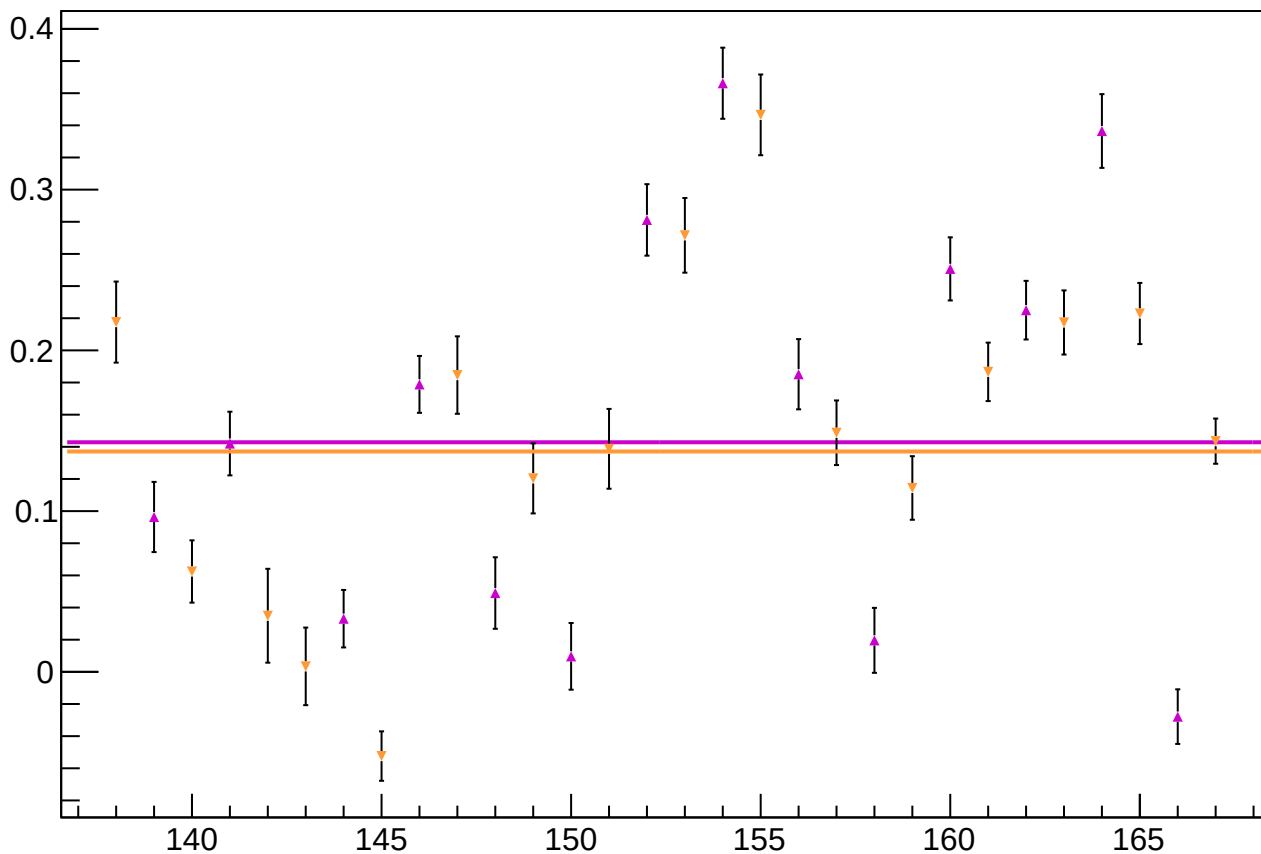
Left In: -33.449+/-0.112 χ^2/NDF : 1452.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.734+/-0.078 χ^2/NDF : 3399.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

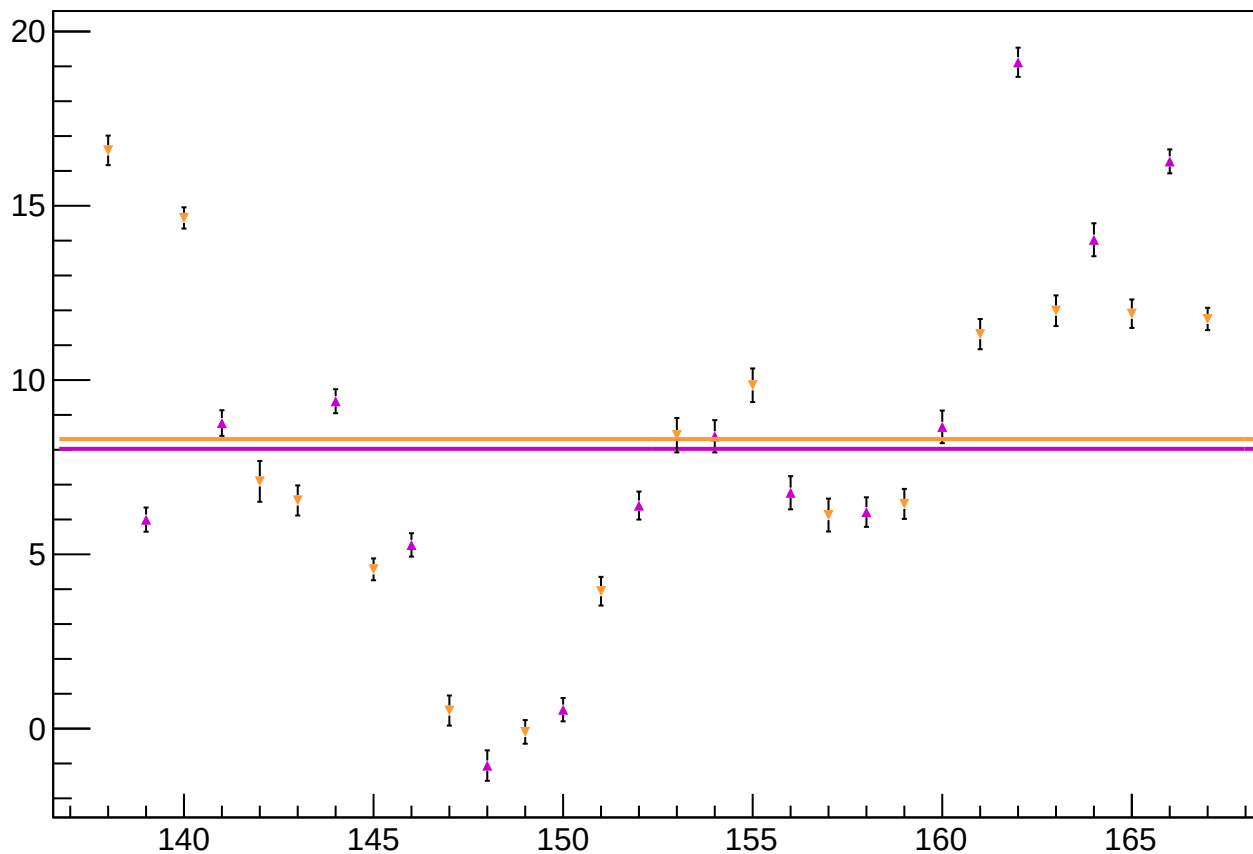
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.137 $\pm$ 0.005 χ^2 /NDF:373.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.143 $\pm$ 0.005 χ^2 /NDF:509.6/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.140 $\pm$ 0.004 χ^2 /NDF: 883.4/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

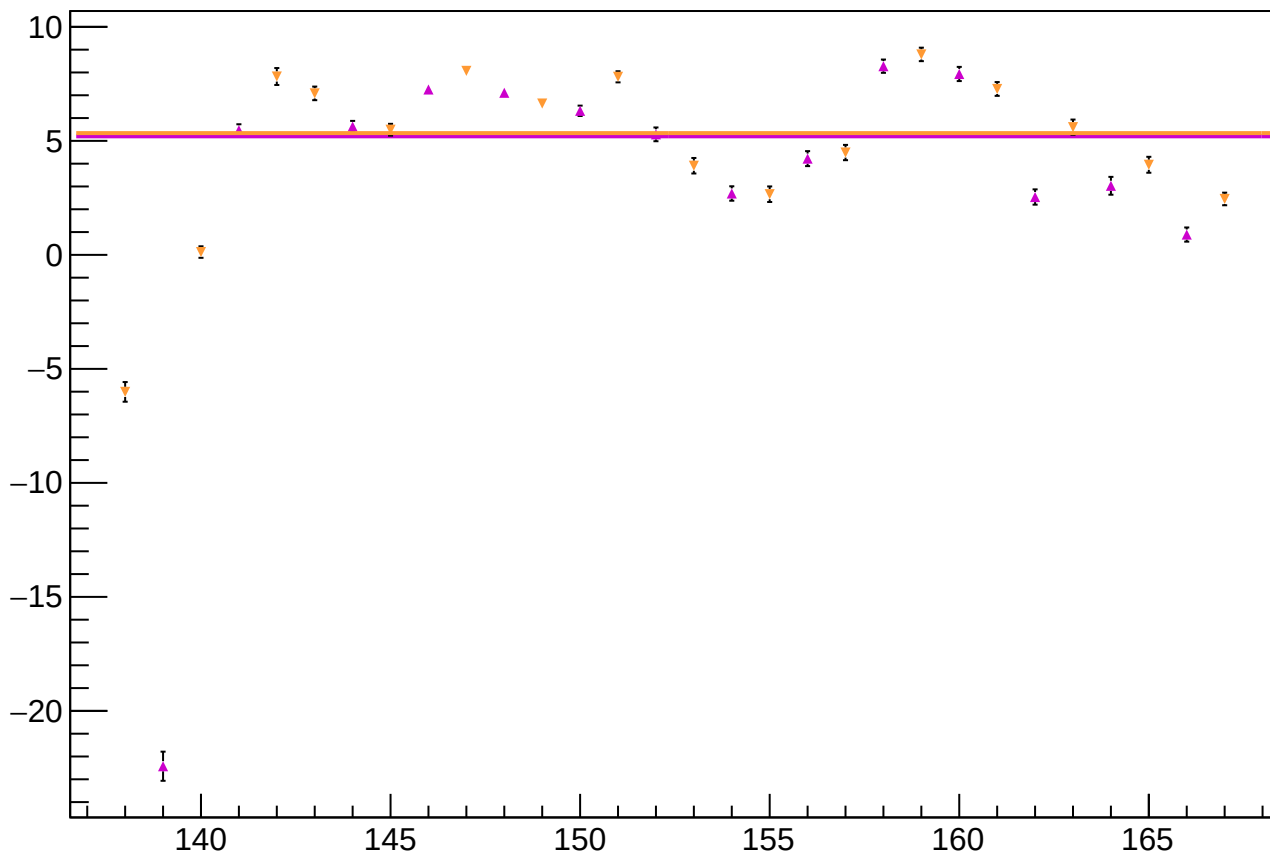
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.306 $\pm$ 0.100 χ^2 /NDF:2391.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.027 $\pm$ 0.105 χ^2 /NDF:2535.1/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 8.172 $\pm$ 0.072 χ^2 /NDF: 4930.2/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 5.340 $\pm$ 0.072 χ^2 /NDF:1896.7/15

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

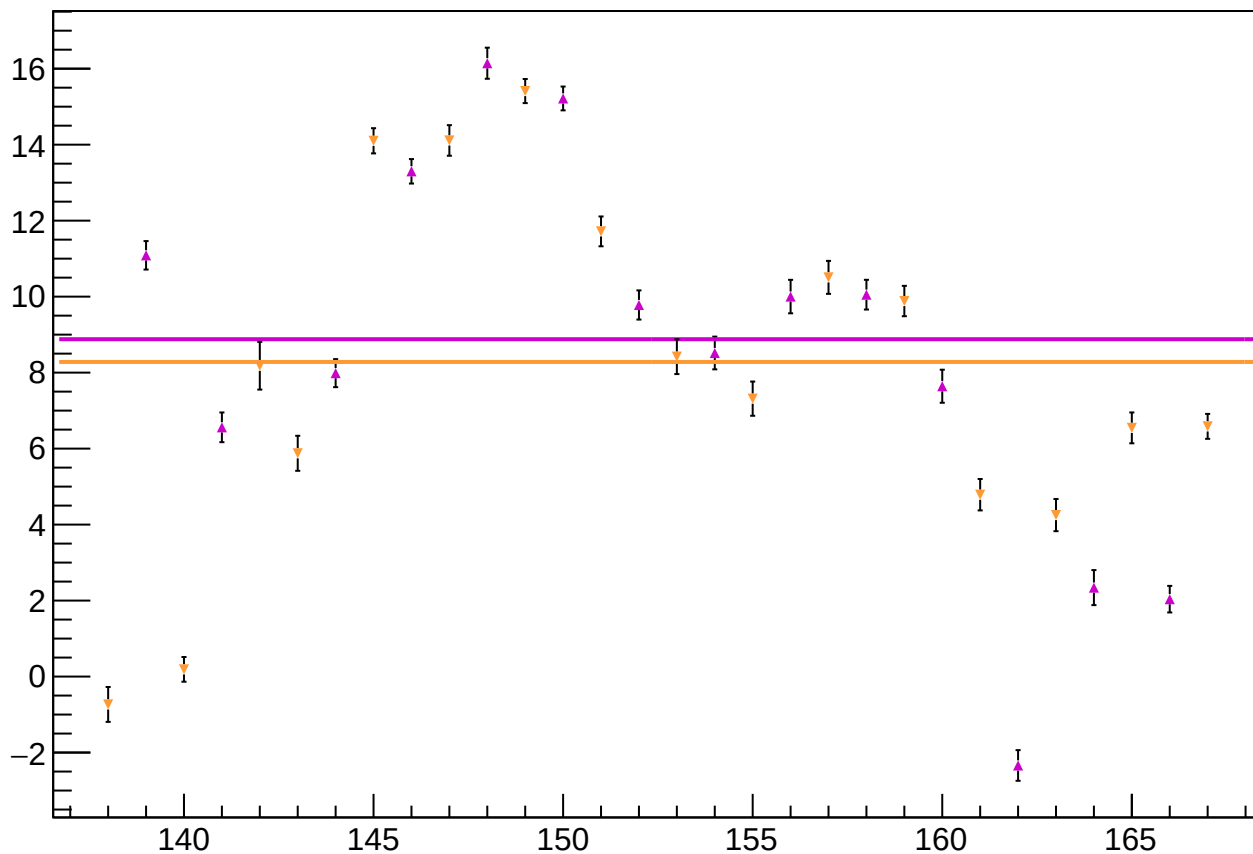
Left In: 5.199 $\pm$ 0.076 χ^2 /NDF:2614.9/13

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

All: 5.274 $\pm$ 0.052 χ^2 /NDF: 4513.4/29

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

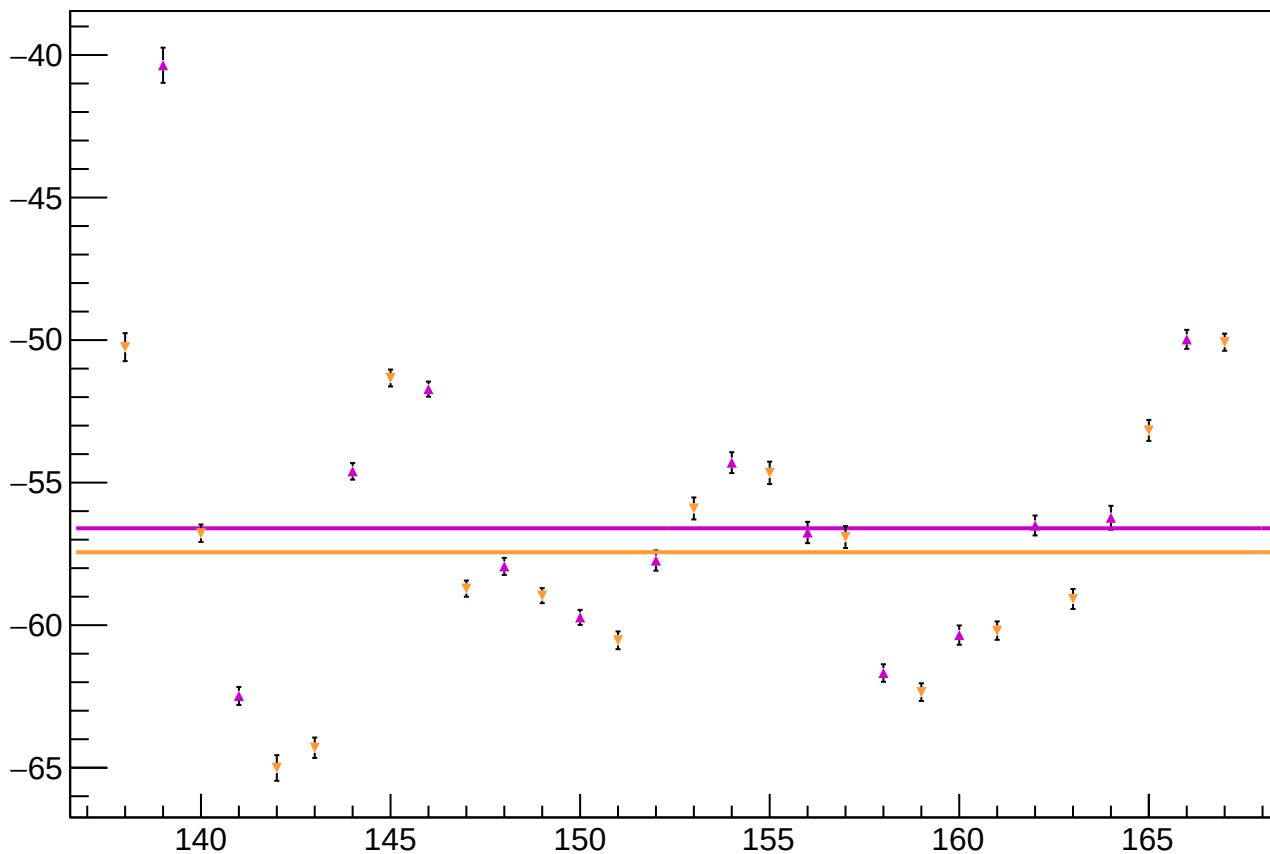
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.281+/-0.099 χ^2/NDF :2384.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.879+/-0.103 χ^2/NDF :2373.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.571+/-0.071 χ^2/NDF : 4776.1/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.443+/-0.084 χ^2/NDF : 2589.6/15

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

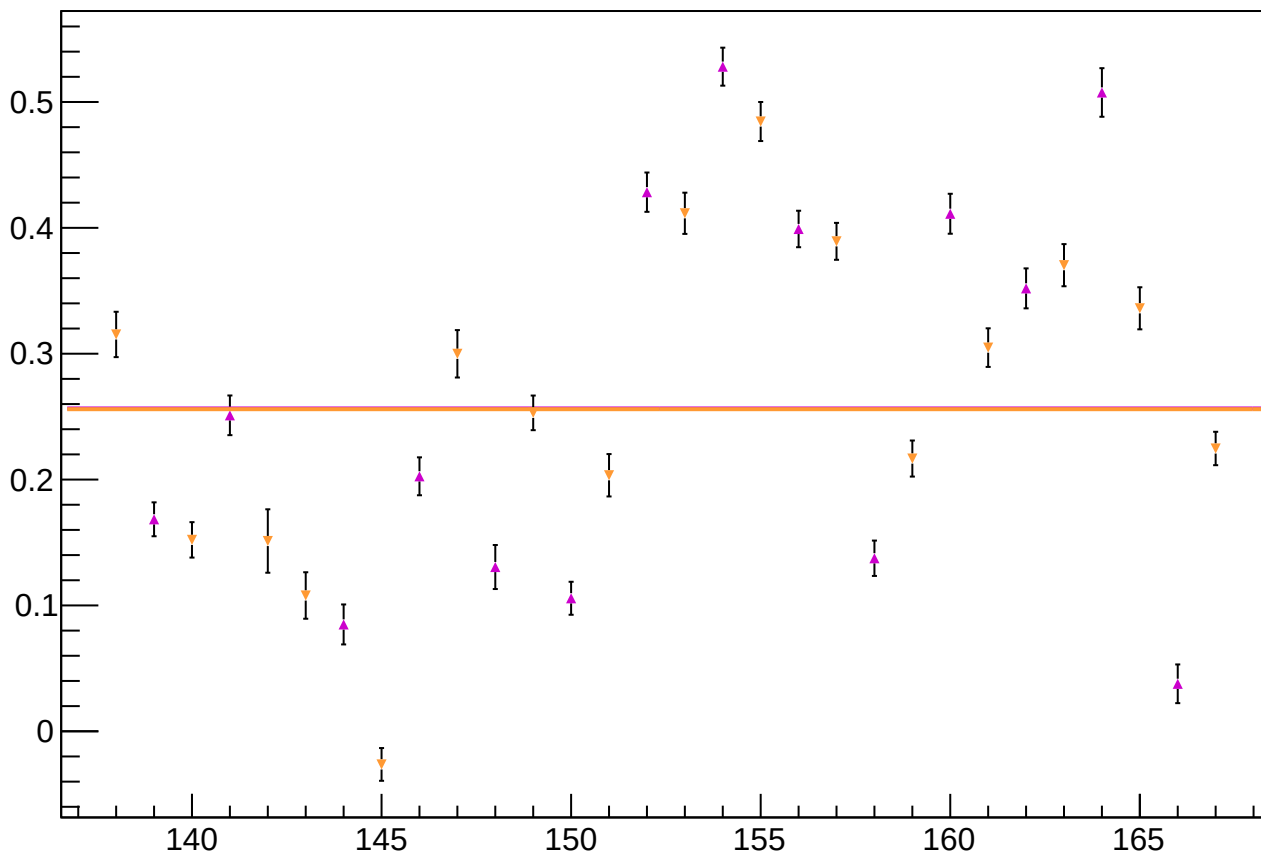
Left In: -56.601+/-0.088 χ^2/NDF : 2431.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.043+/-0.061 χ^2/NDF : 5069.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

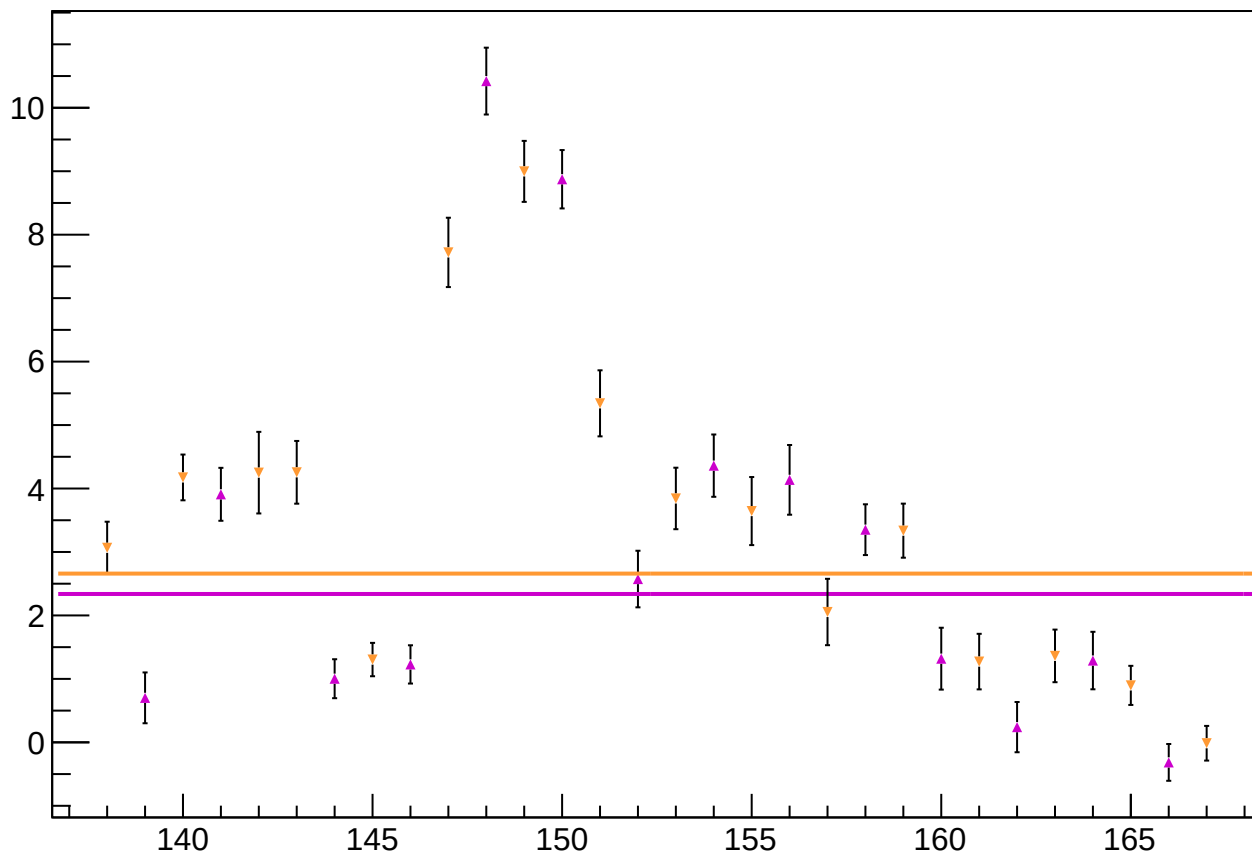
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.256 $\pm$ 0.004 χ^2 /NDF:1115.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.256 $\pm$ 0.004 χ^2 /NDF:1472.7/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.256 $\pm$ 0.003 χ^2 /NDF: 2588.1/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

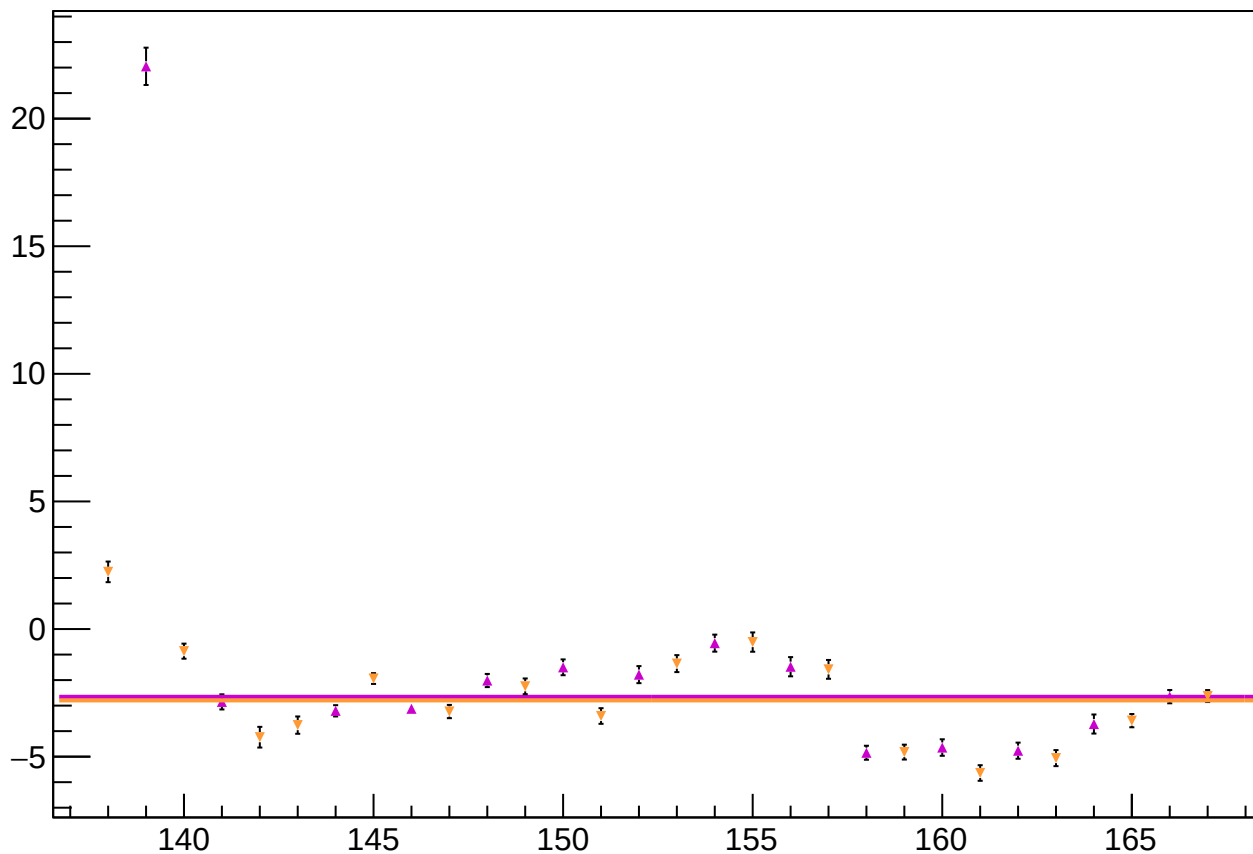
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.659 $\pm$ 0.101 χ^2 /NDF:509.5/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.338 $\pm$ 0.107 χ^2 /NDF:656.8/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.507 $\pm$ 0.073 χ^2 /NDF: 1171.0/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: -2.796+/-0.075 χ^2/NDF : 507.9/15

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

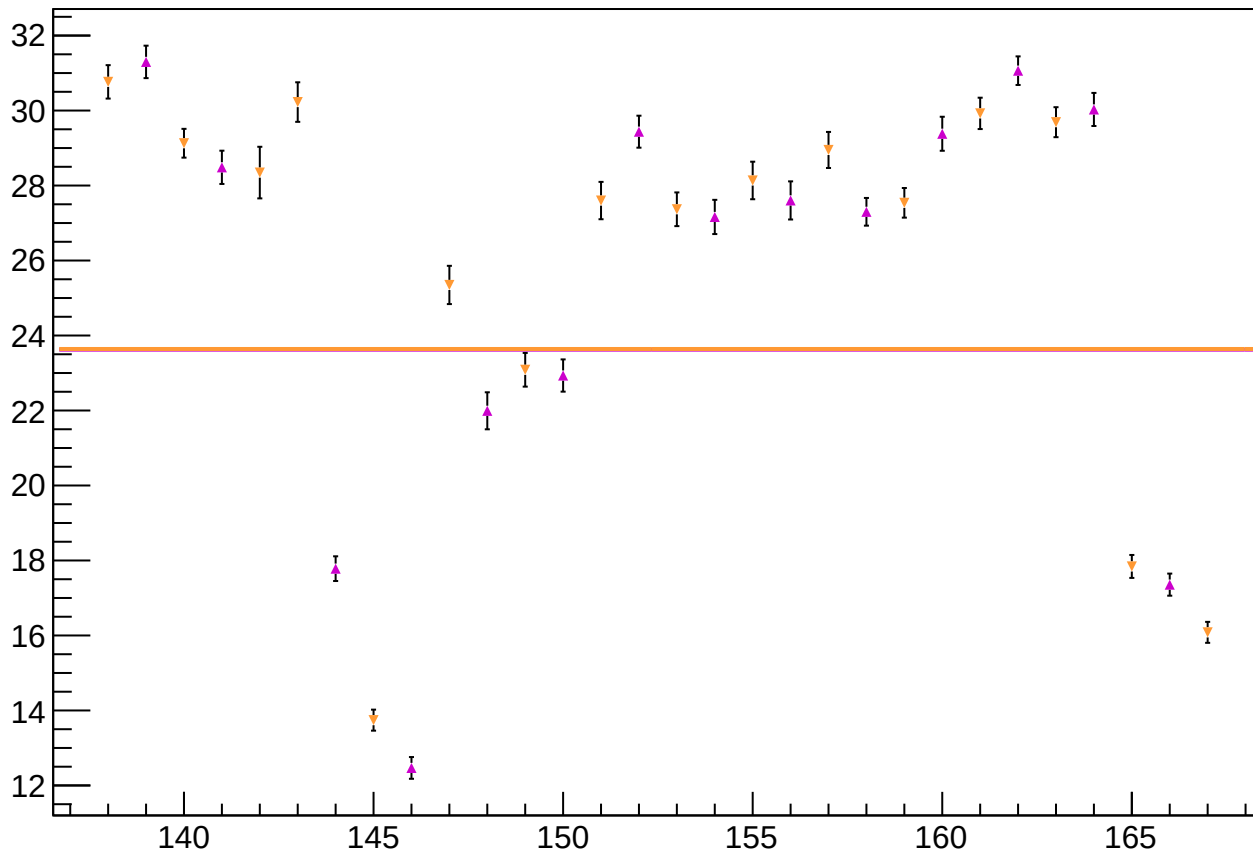
Left In: -2.654+/-0.078 χ^2/NDF : 1385.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.728+/-0.054 χ^2/NDF : 1894.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

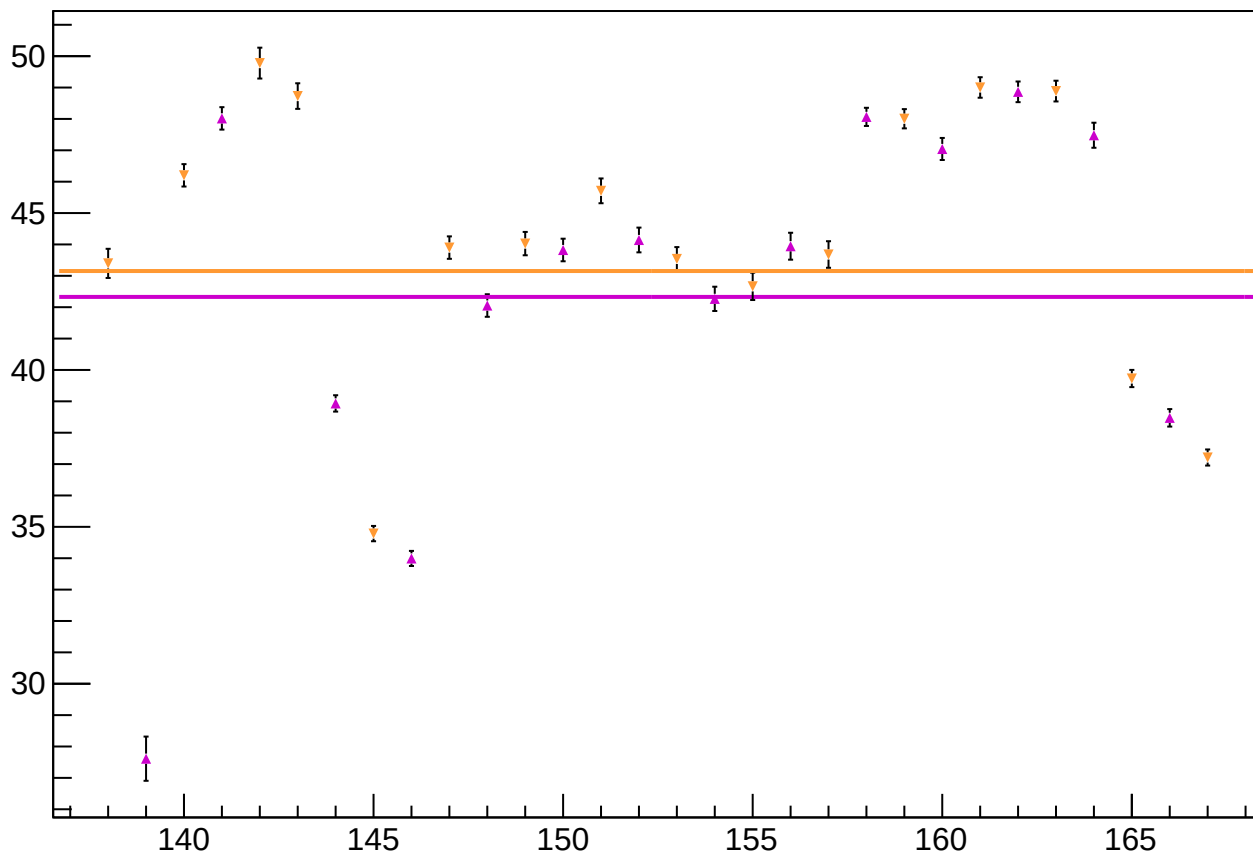
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.641+/-0.101 χ^2/NDF : 3897.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 23.623+/-0.105 χ^2/NDF : 3853.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 23.633+/-0.073 χ^2/NDF : 7751.3/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 43.153+/-0.086 χ^2/NDF : 3237.3/15

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

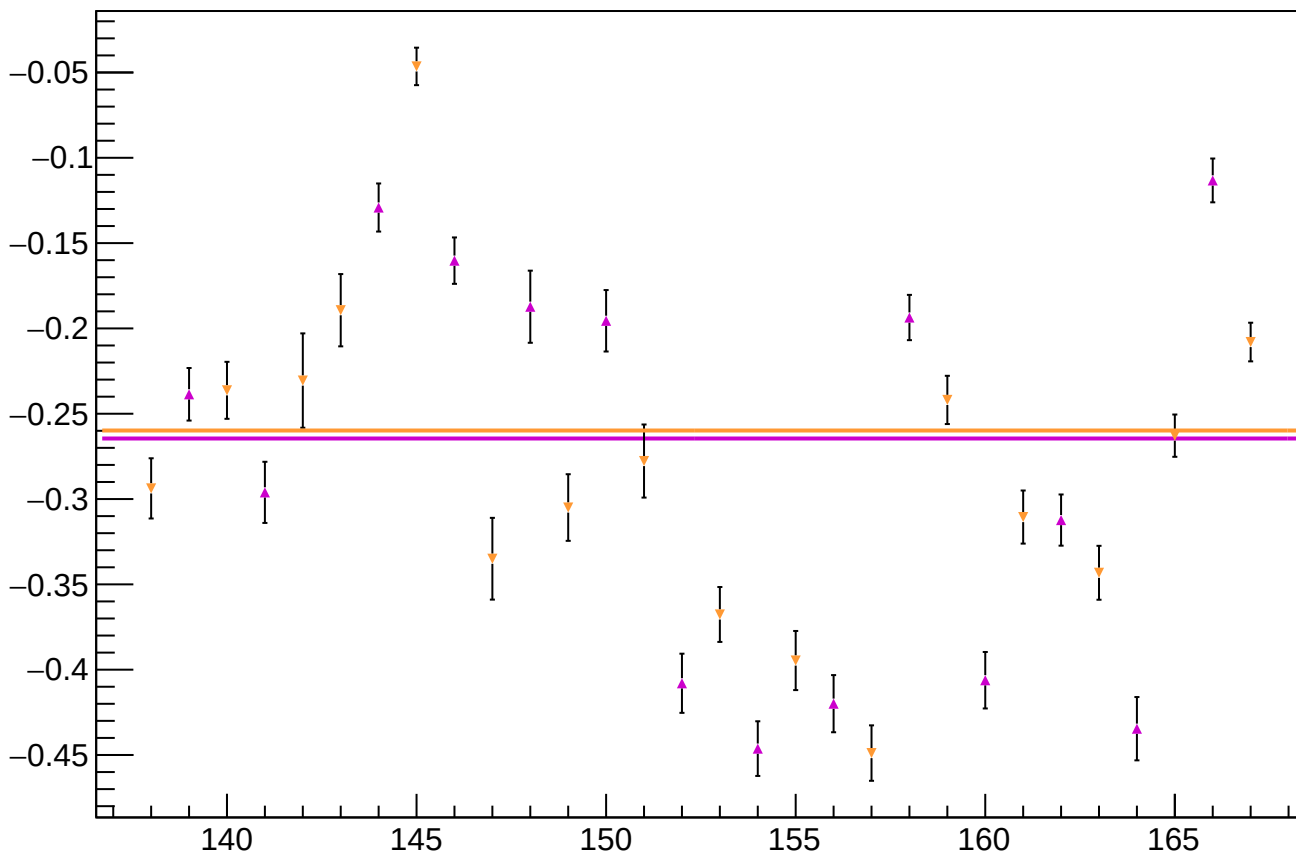
Left In: 42.328+/-0.090 χ^2/NDF : 3437.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.759+/-0.062 χ^2/NDF : 6718.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.260 $\pm$ 0.004 χ^2 /NDF: 713.1/15

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

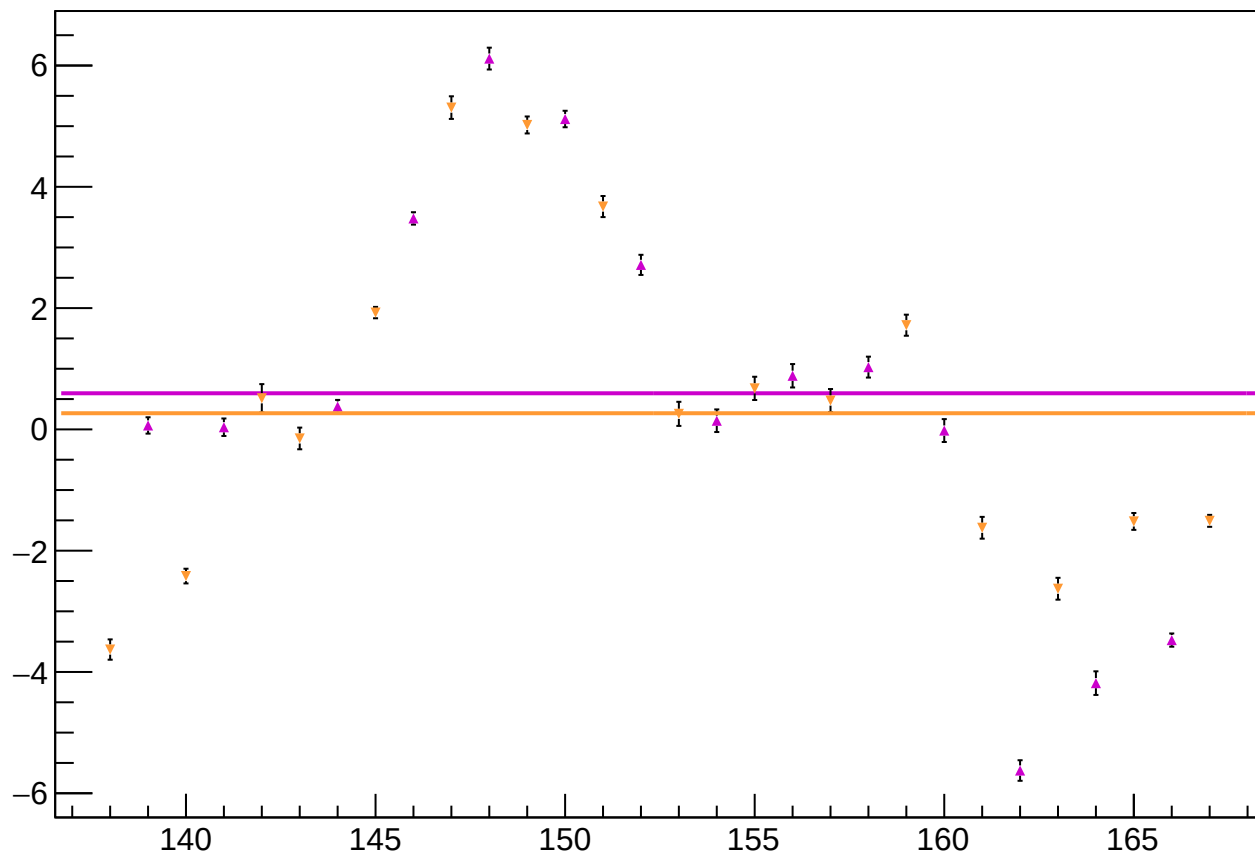
Left In: -0.265 $\pm$ 0.004 χ^2 /NDF: 803.1/13

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

All: -0.262 $\pm$ 0.003 χ^2 /NDF: 1516.8/29

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

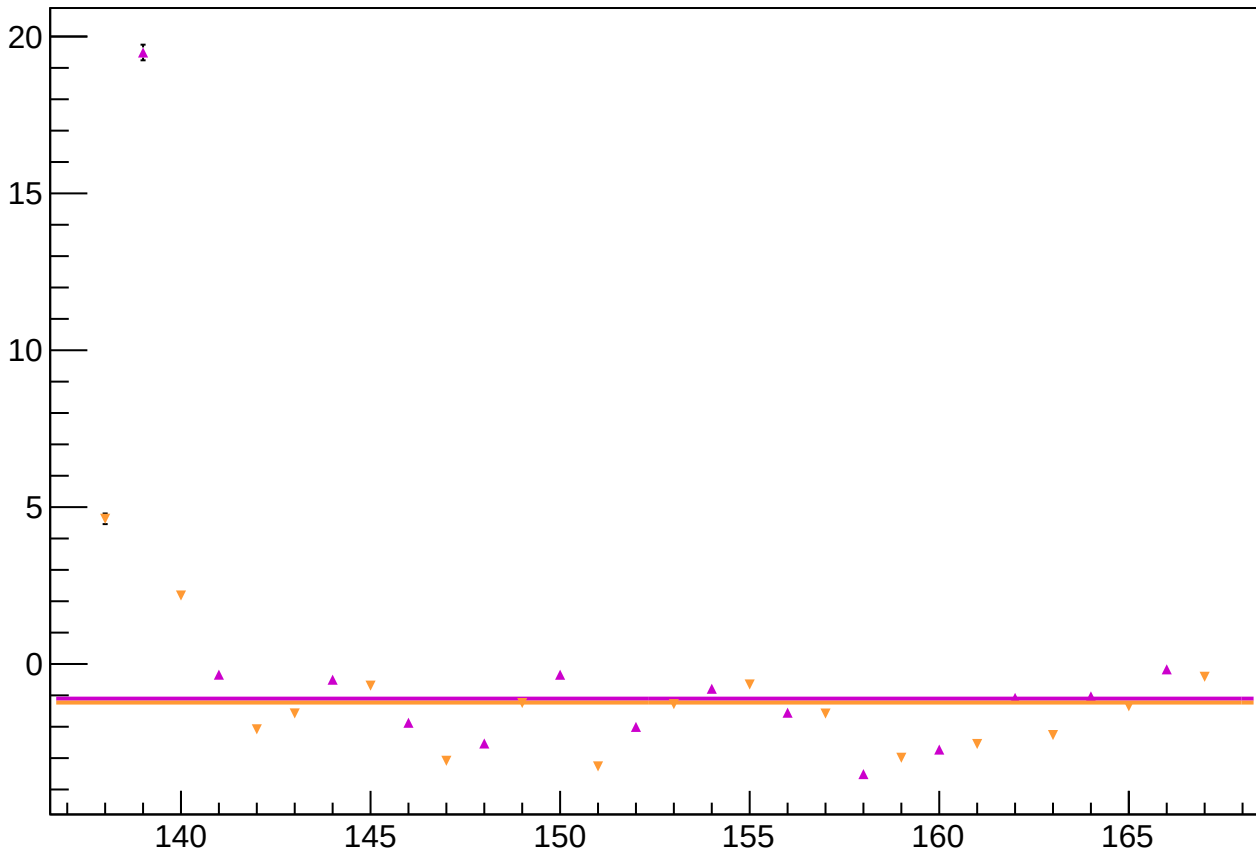
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.266+/-0.038 χ^2/NDF : 4551.1/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.596+/-0.039 χ^2/NDF : 6407.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.426+/-0.027 χ^2/NDF : 10995.8/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

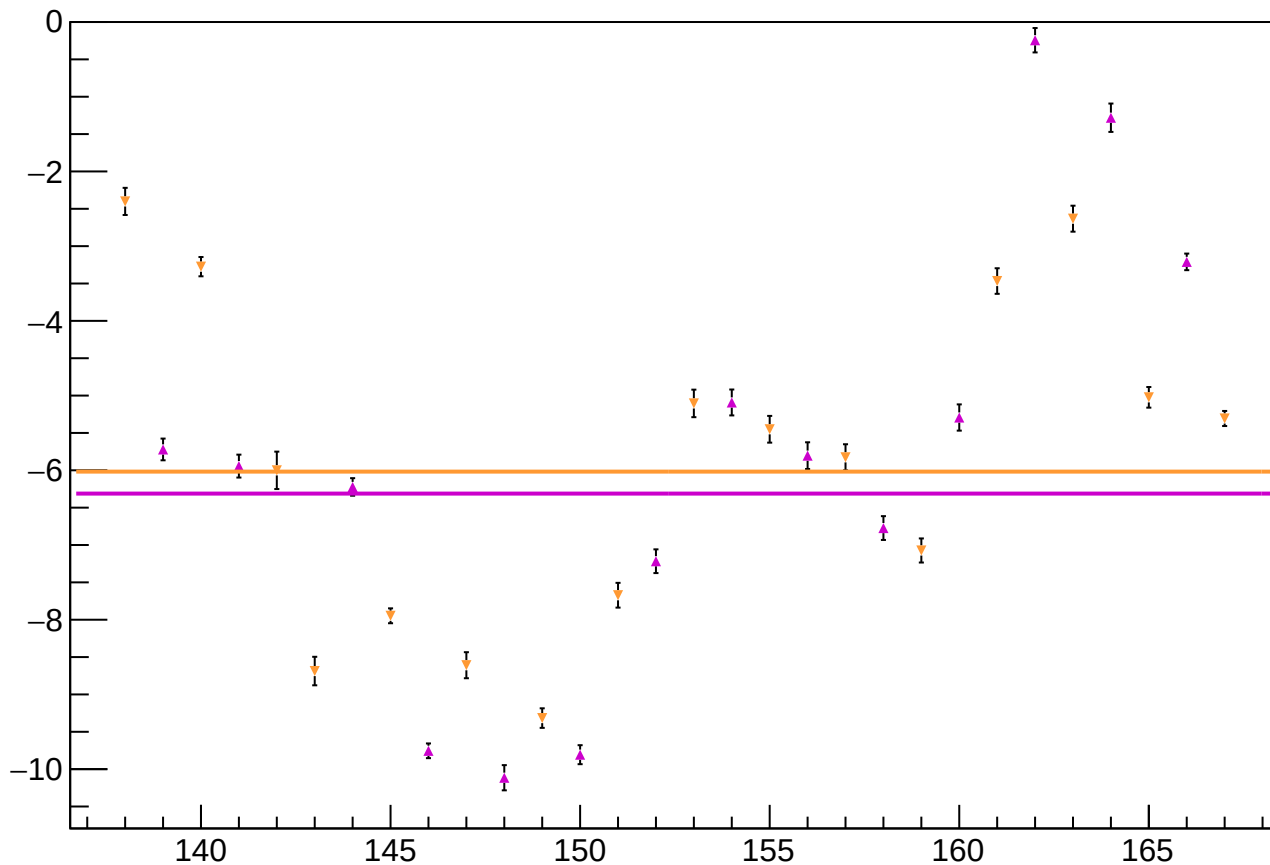
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -1.230 $\pm$ 0.028 χ^2/NDF : 3779.3/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -1.104 $\pm$ 0.028 χ^2/NDF : 8143.3/13

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -1.169 $\pm$ 0.020 χ^2/NDF : 11932.7/29
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

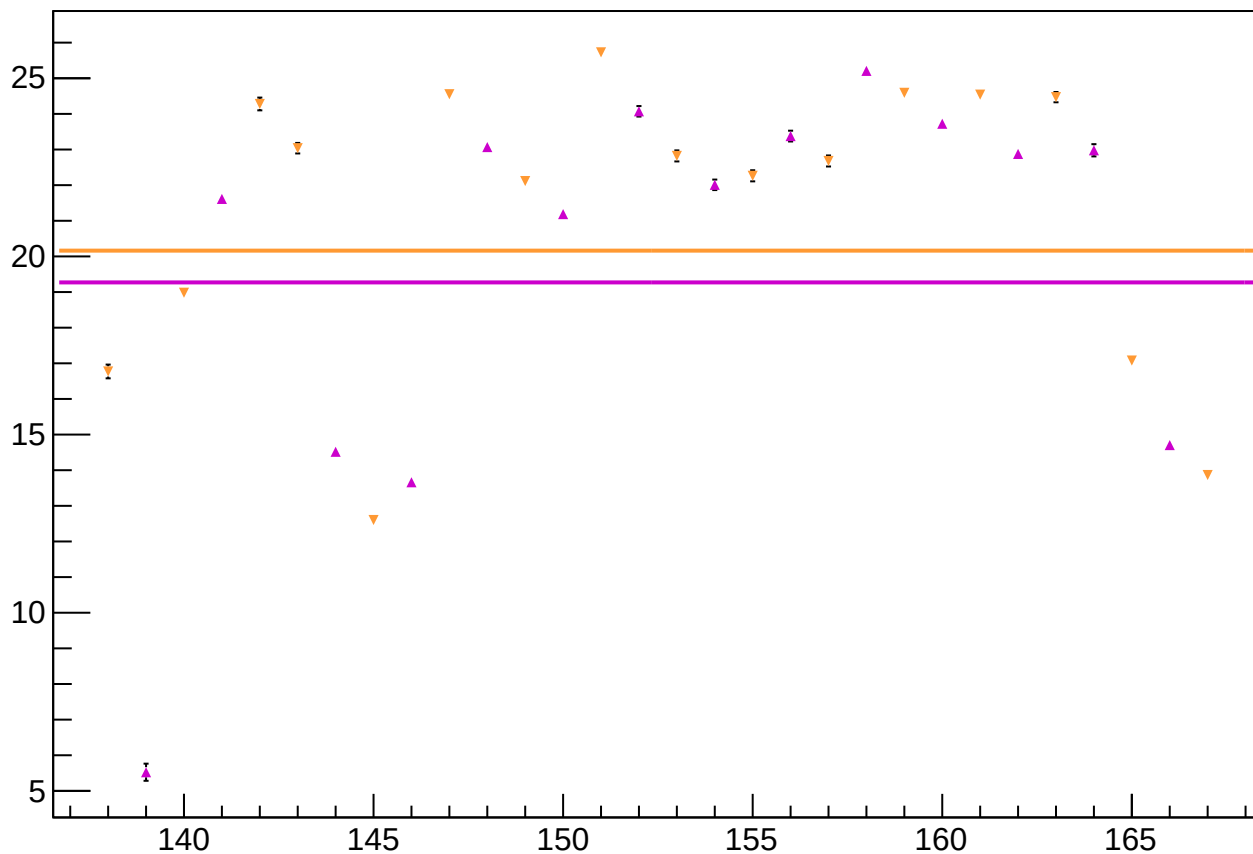
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.018+/-0.037 χ^2/NDF : 3156.7/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.312+/-0.038 χ^2/NDF : 5505.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.162+/-0.027 χ^2/NDF : 8692.7/29
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 20.162 $\pm$ 0.032 χ^2/NDF : 21240.7/15

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

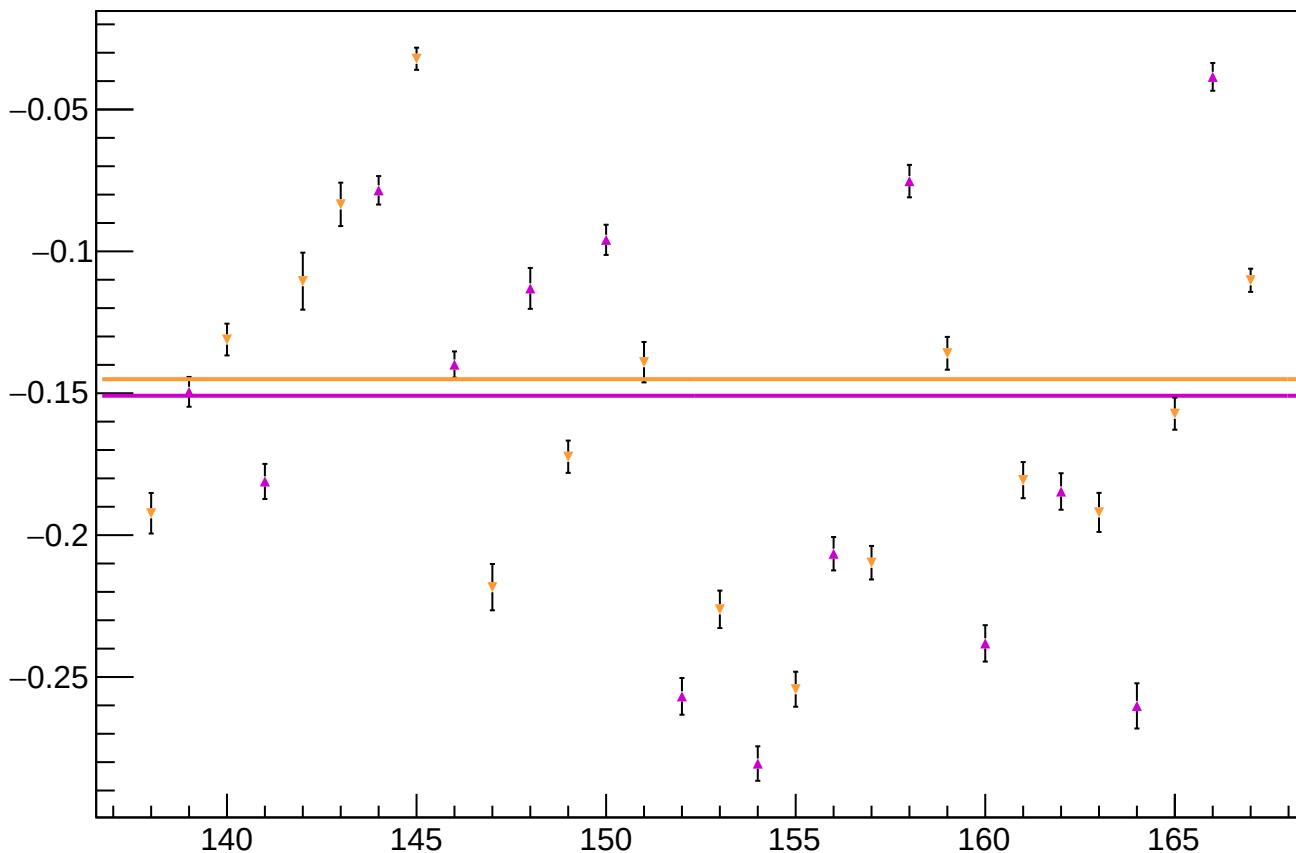
Left In: 19.270 $\pm$ 0.033 χ^2/NDF : 20607.4/13

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

All: 19.730 $\pm$ 0.023 χ^2/NDF : 42227.5/29

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

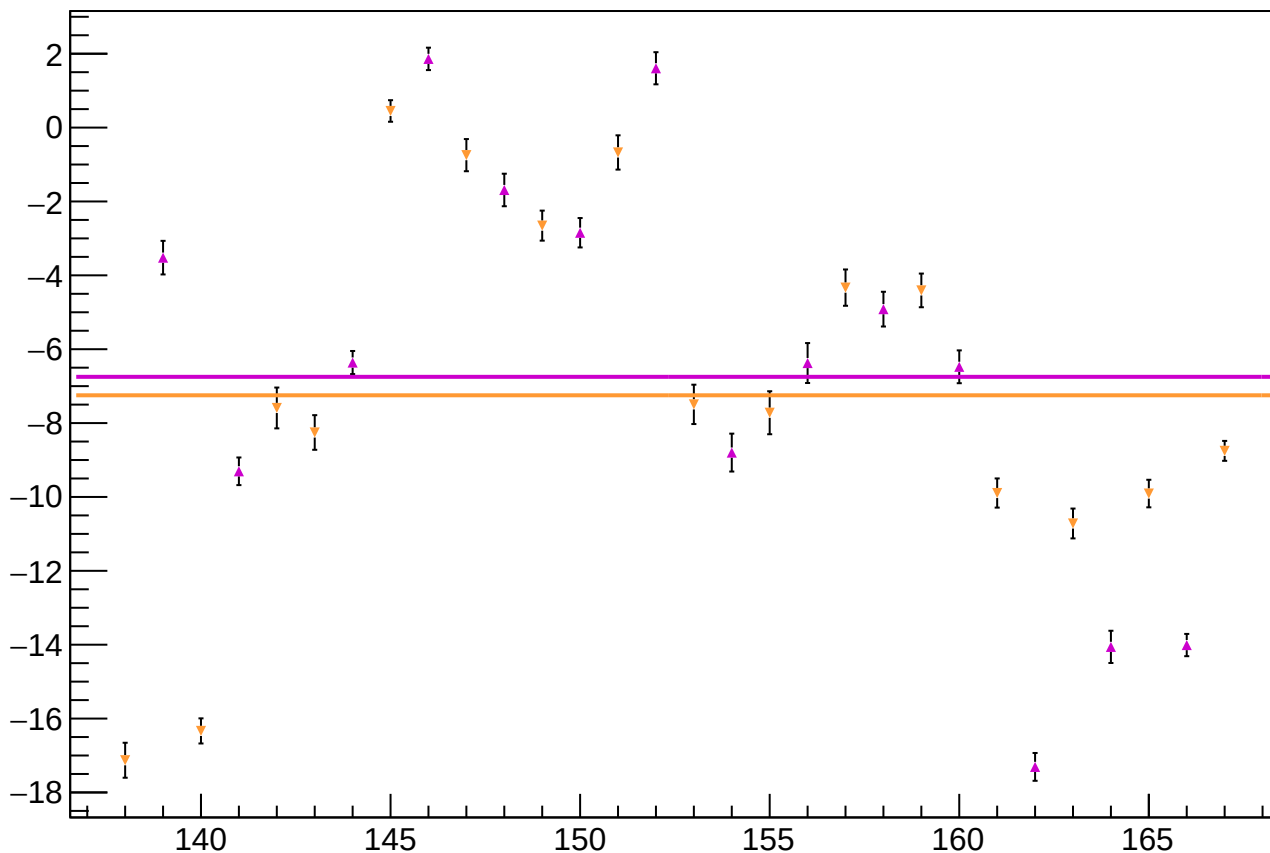
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.145 $\pm$ 0.001 χ^2 /NDF:1808.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.151 $\pm$ 0.002 χ^2 /NDF:2285.9/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.148 $\pm$ 0.001 χ^2 /NDF: 4101.8/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

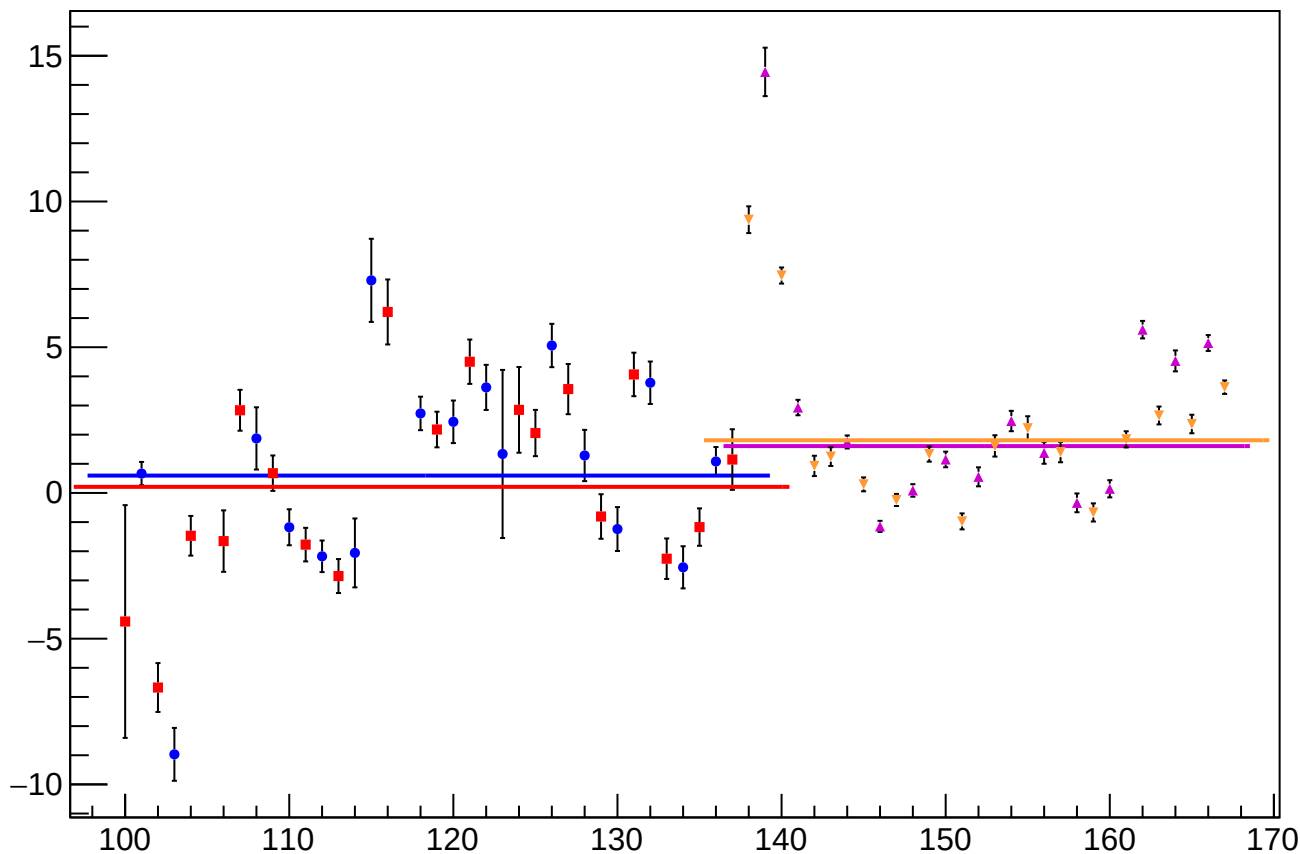
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.248+/-0.101 χ^2 /NDF:2676.3/15
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -6.748+/-0.105 χ^2 /NDF:3179.7/13

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: -7.008+/-0.073 χ^2 /NDF: 5867.7/29
 - sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 1.808 ± 0.073 χ^2/NDF : 1082.4/15

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

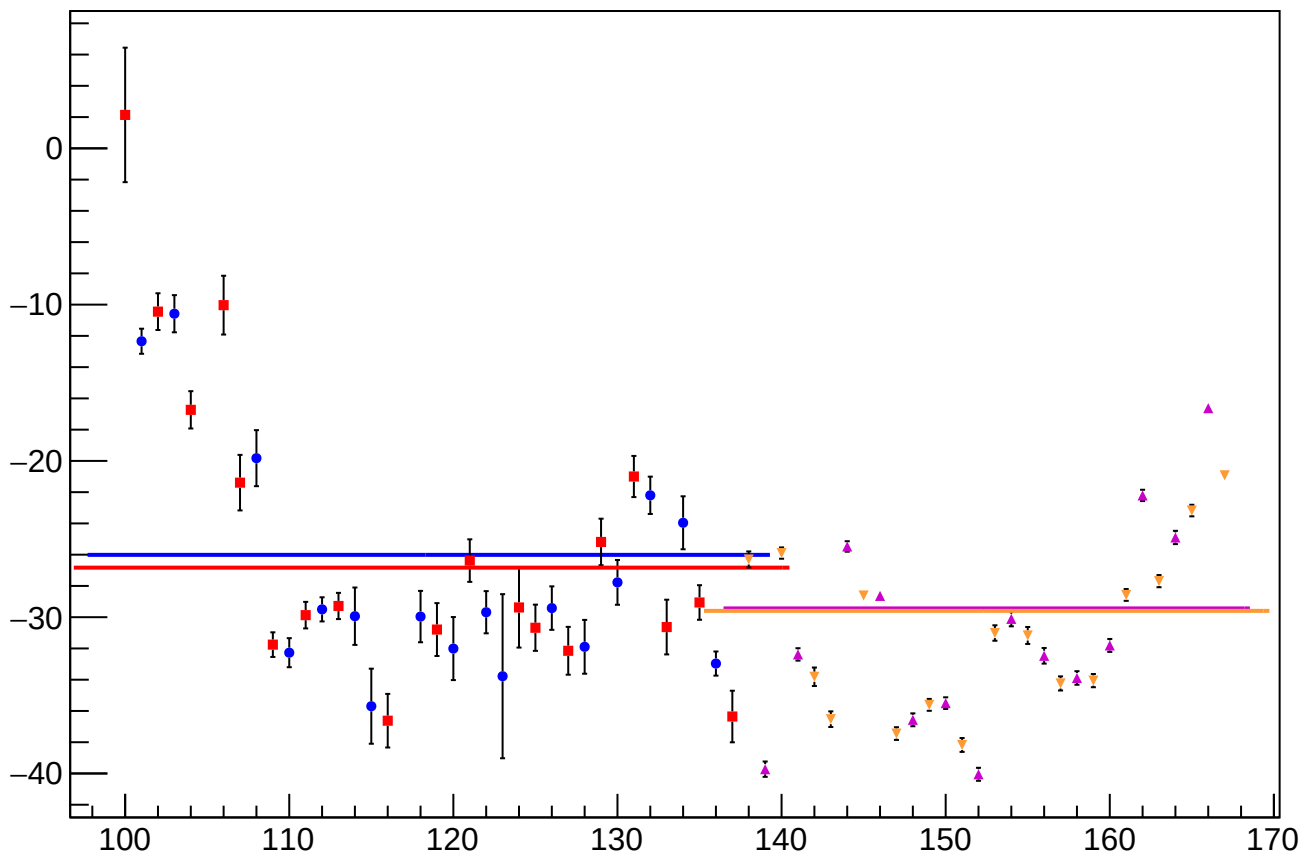
Left In: 1.608 ± 0.075 χ^2/NDF : 1014.7/13

+ sign 1.618 ± 0.067 χ^2/NDF : 1416.9/32

All: 1.507 ± 0.048 χ^2/NDF : 2764.9/65

- sign 1.389 ± 0.069 χ^2/NDF : 1342.3/32

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -29.595 ± 0.101 χ^2/NDF : 2946.2/15

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

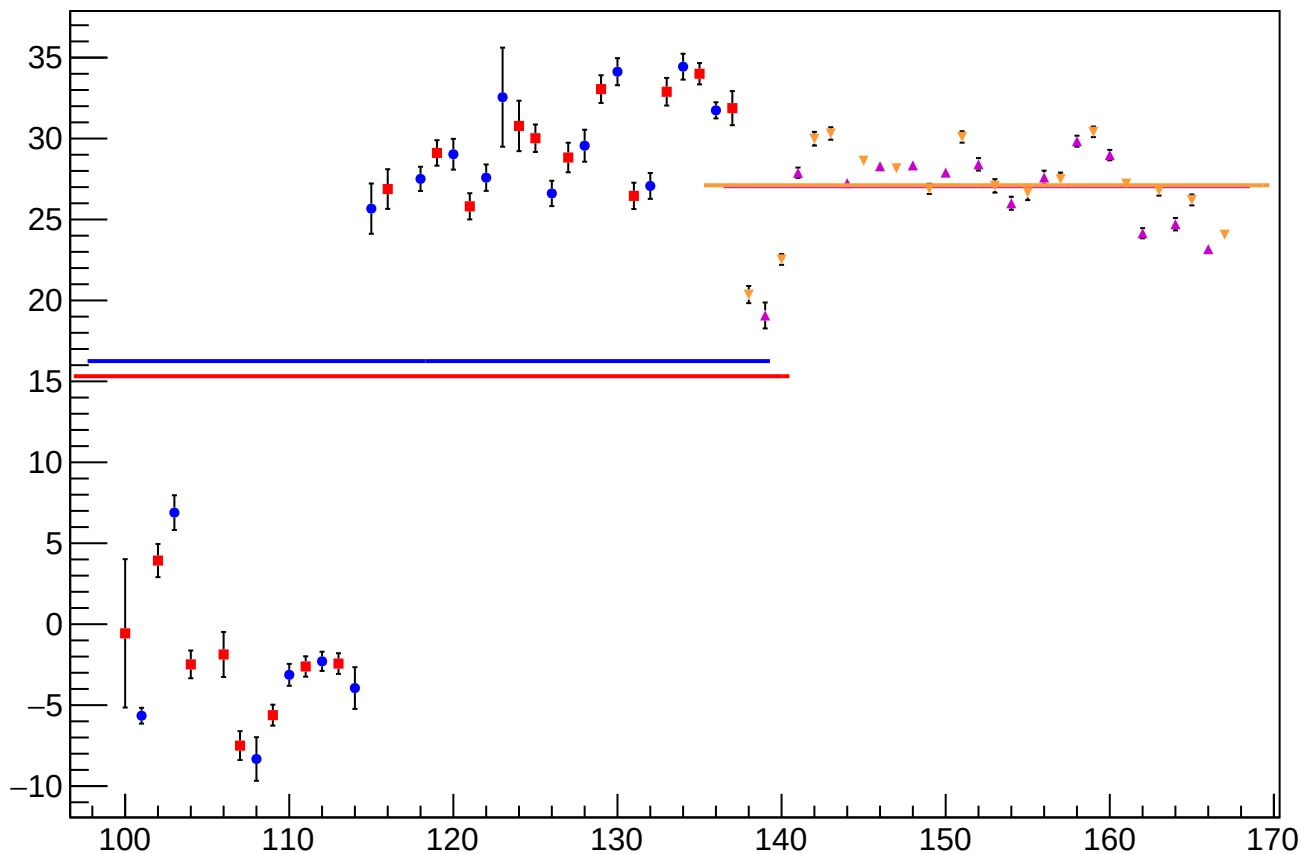
Left In: -29.438 ± 0.104 χ^2/NDF : 4281.4/13

+ sign -29.231 ± 0.095 χ^2/NDF : 3767.6/32

All: -29.195 ± 0.068 χ^2/NDF : 8699.5/65

- sign -29.156 ± 0.098 χ^2/NDF : 4931.6/32

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 27.116 $\pm$ 0.085 χ^2 /NDF:837.8/15

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

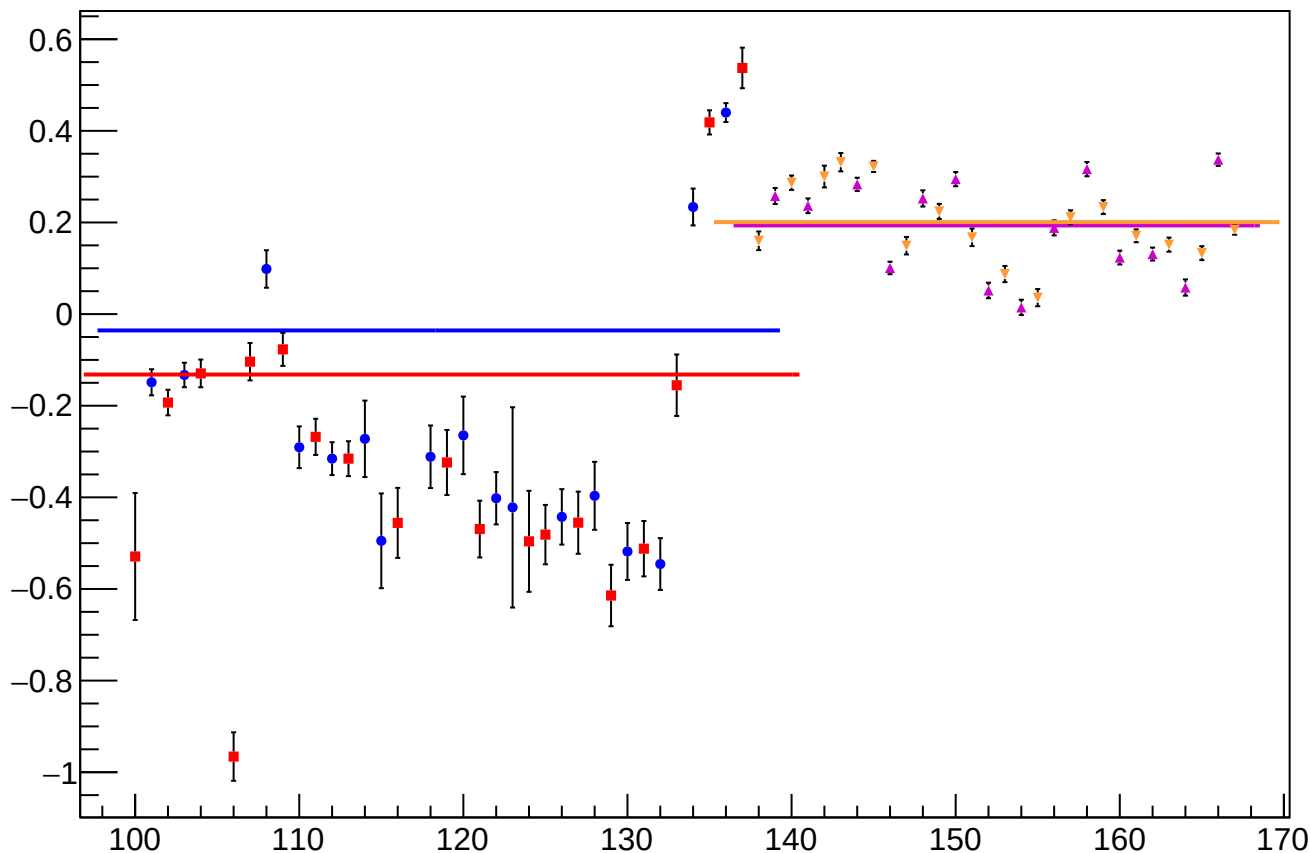
Left In: 27.058 $\pm$ 0.088 χ^2 /NDF:583.1/13

+ sign 25.335 $\pm$ 0.077 χ^2 /NDF: 11152.8/32

All: 25.230 $\pm$ 0.056 χ^2 /NDF: 21984.3/65

- sign 25.117 $\pm$ 0.080 χ^2 /NDF: 10827.6/32

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.201 ± 0.004 χ^2/NDF : 366.4/15

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

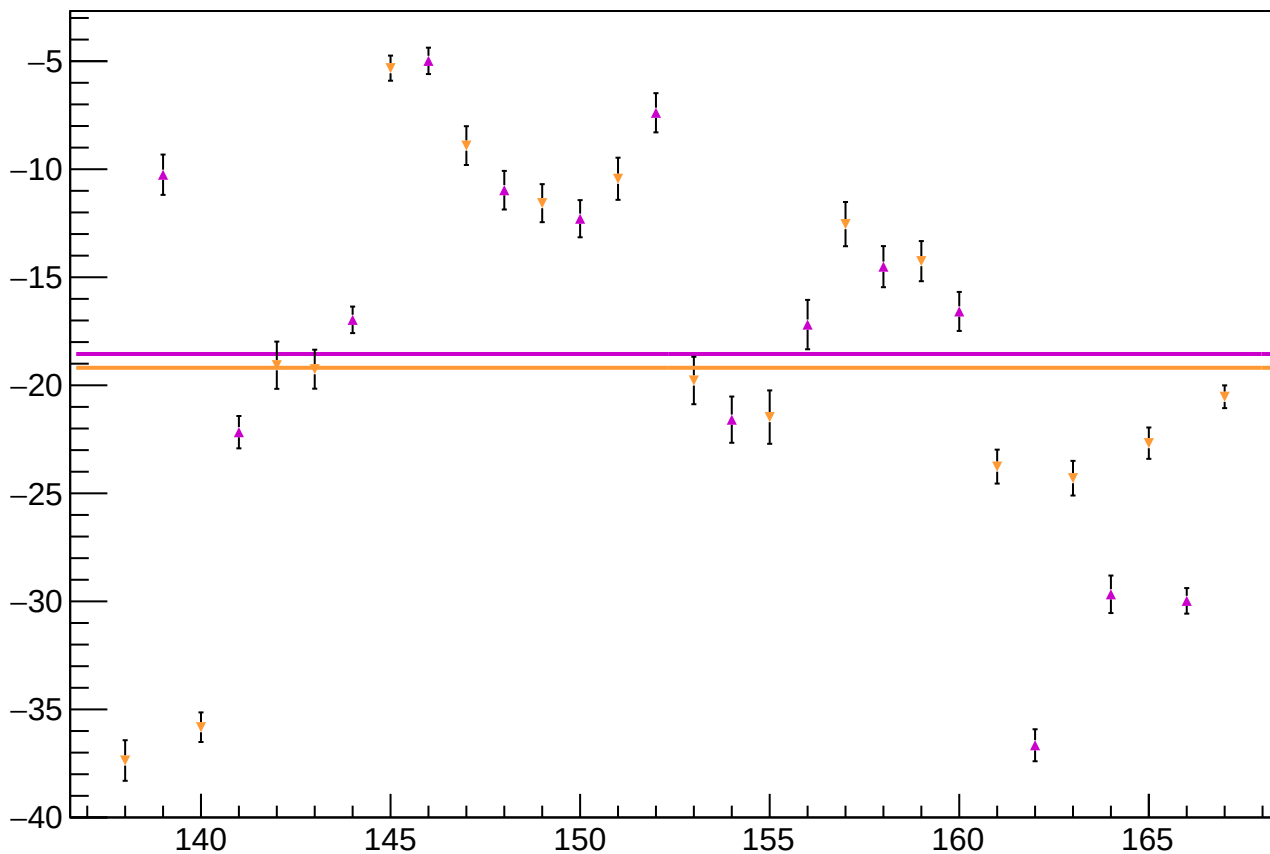
Left In: 0.194 ± 0.004 χ^2/NDF : 617.0/13

+ sign 0.170 ± 0.004 χ^2/NDF : 1838.3/32

All: 0.159 ± 0.003 χ^2/NDF : 4492.5/65

- sign 0.148 ± 0.004 χ^2/NDF : 2637.4/32

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -19.189+/-0.203 χ^2/NDF :1997.9/15

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

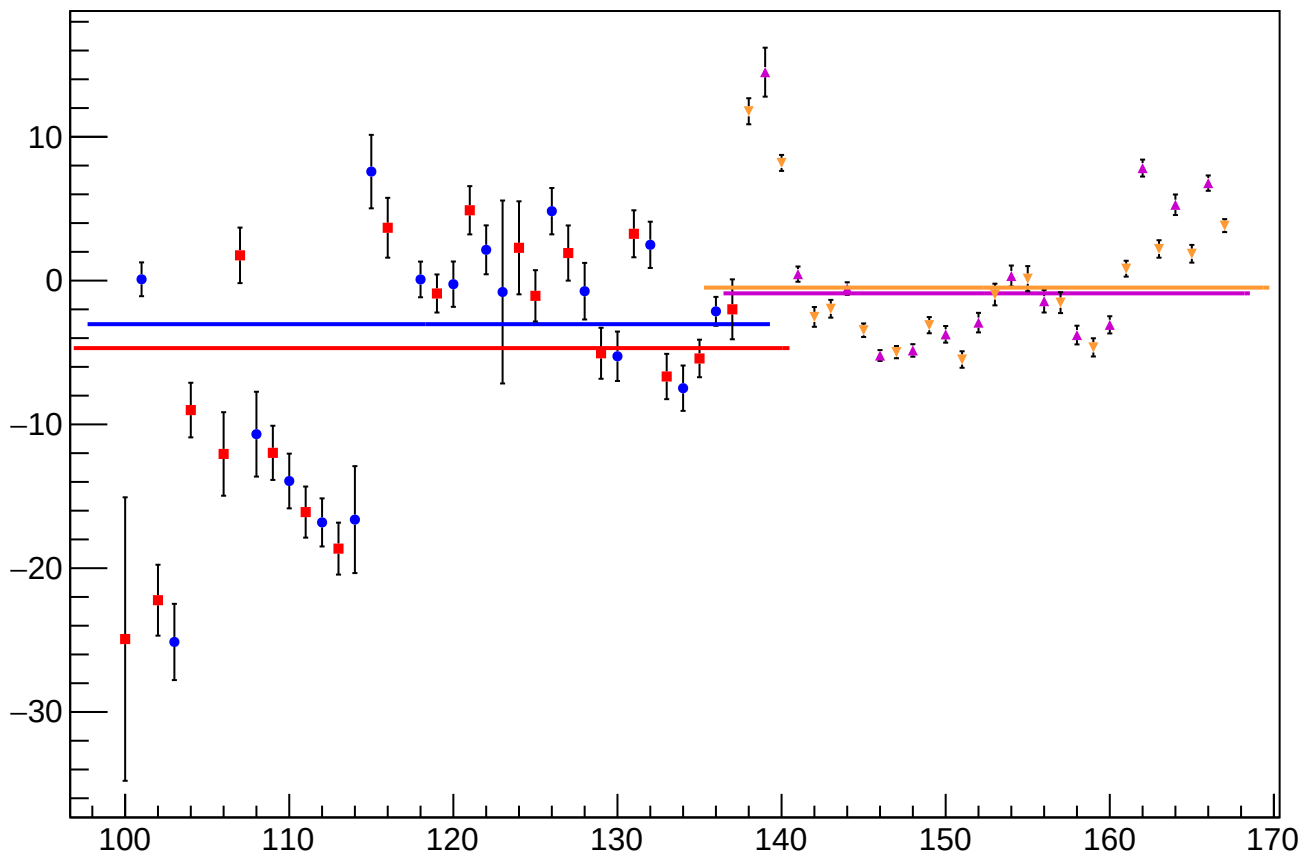
Left In: -18.551+/-0.213 χ^2/NDF :2046.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.884+/-0.147 χ^2/NDF : 4049.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: -0.487 ± 0.147 χ^2/NDF : 866.1/15

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

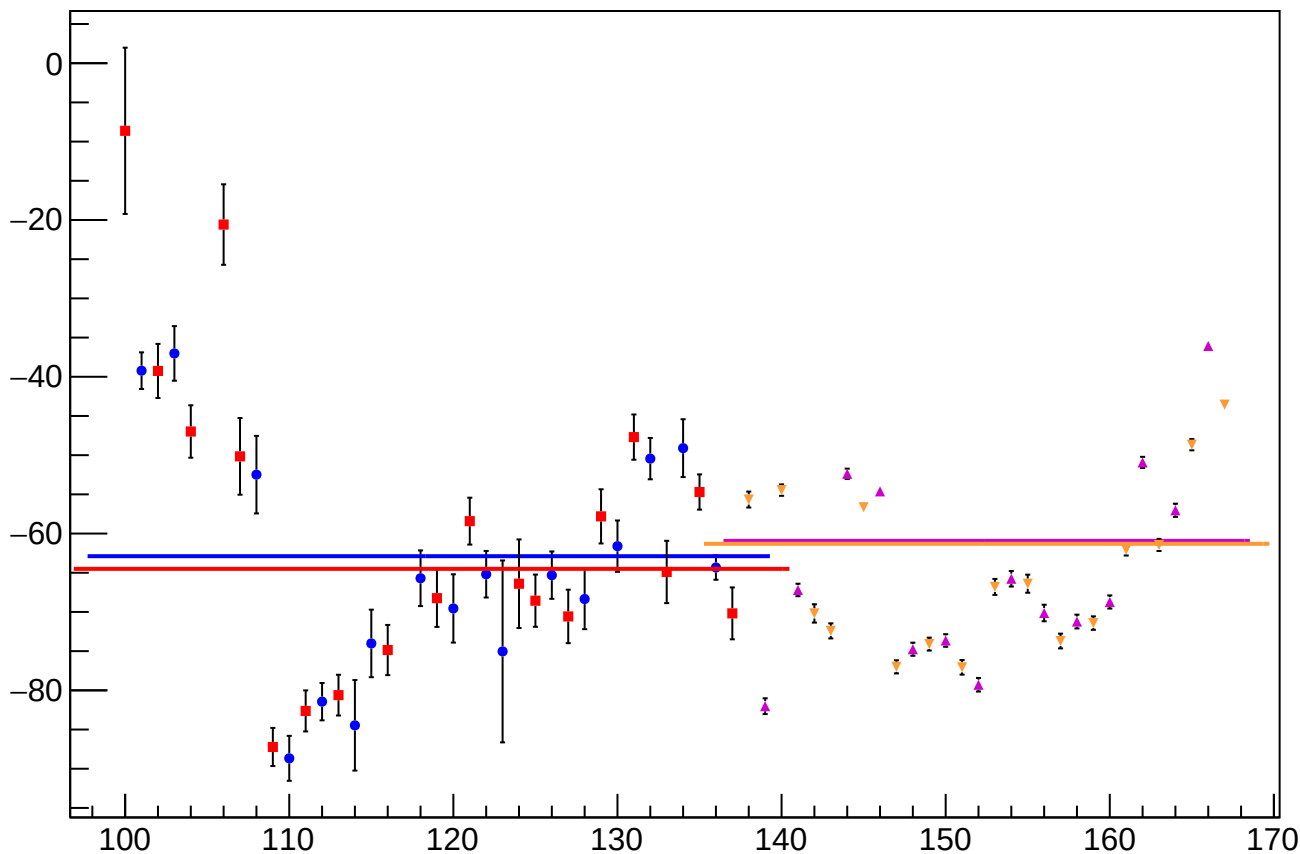
Left In: -0.886 ± 0.152 χ^2/NDF : 871.0/13

+ sign -0.780 ± 0.138 χ^2/NDF : 1181.4/32

All: -1.037 ± 0.099 χ^2/NDF : 2428.6/65

- sign -1.313 ± 0.143 χ^2/NDF : 1240.0/32

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -61.308 ± 0.203 χ^2/NDF : 2996.9/15

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

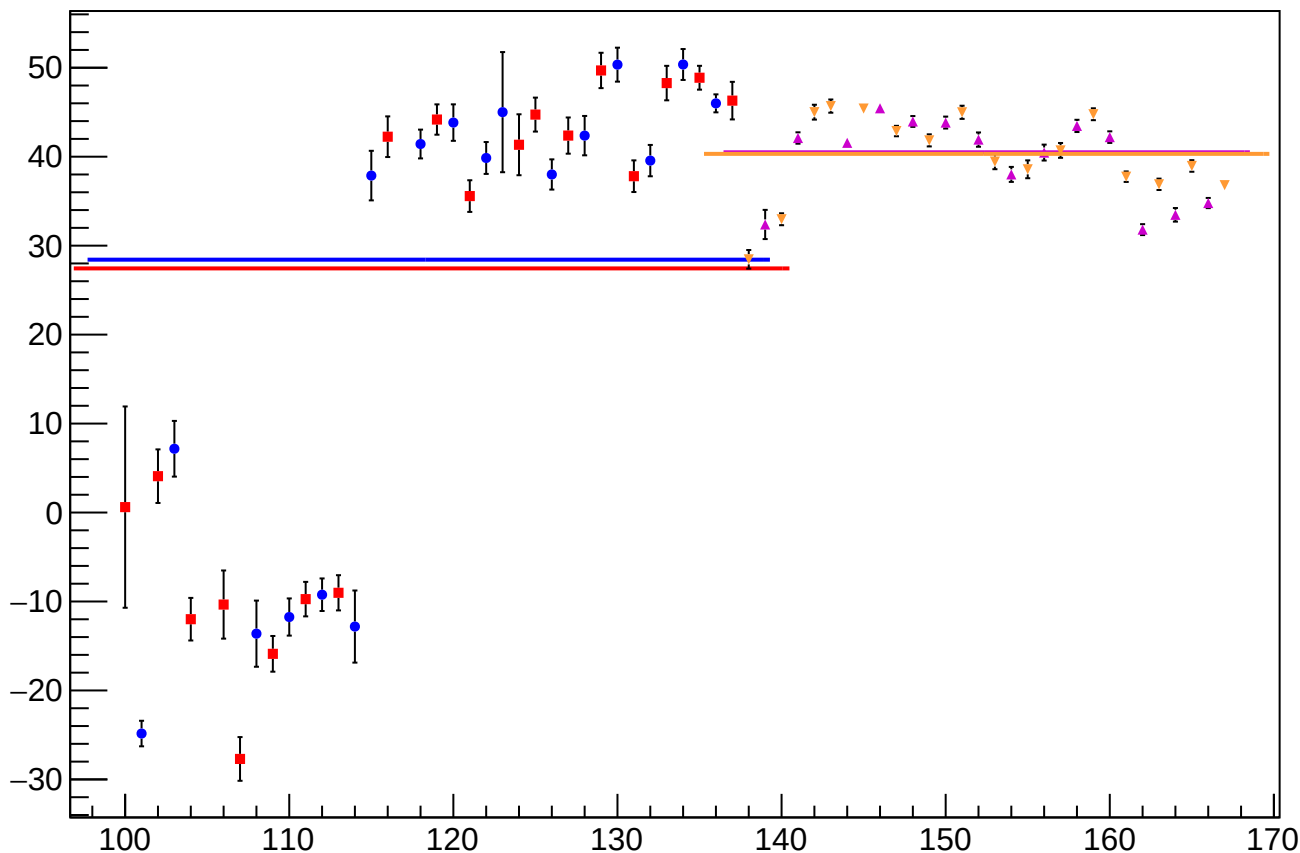
Left In: -60.937 ± 0.209 χ^2/NDF : 3998.0/13

+ sign -61.419 ± 0.195 χ^2/NDF : 3369.9/32

All: -61.310 ± 0.140 χ^2/NDF : 7833.5/65

- sign -61.194 ± 0.202 χ^2/NDF : 4462.9/32

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: 40.318 $\pm$ 0.170 χ^2 /NDF:633.8/15

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

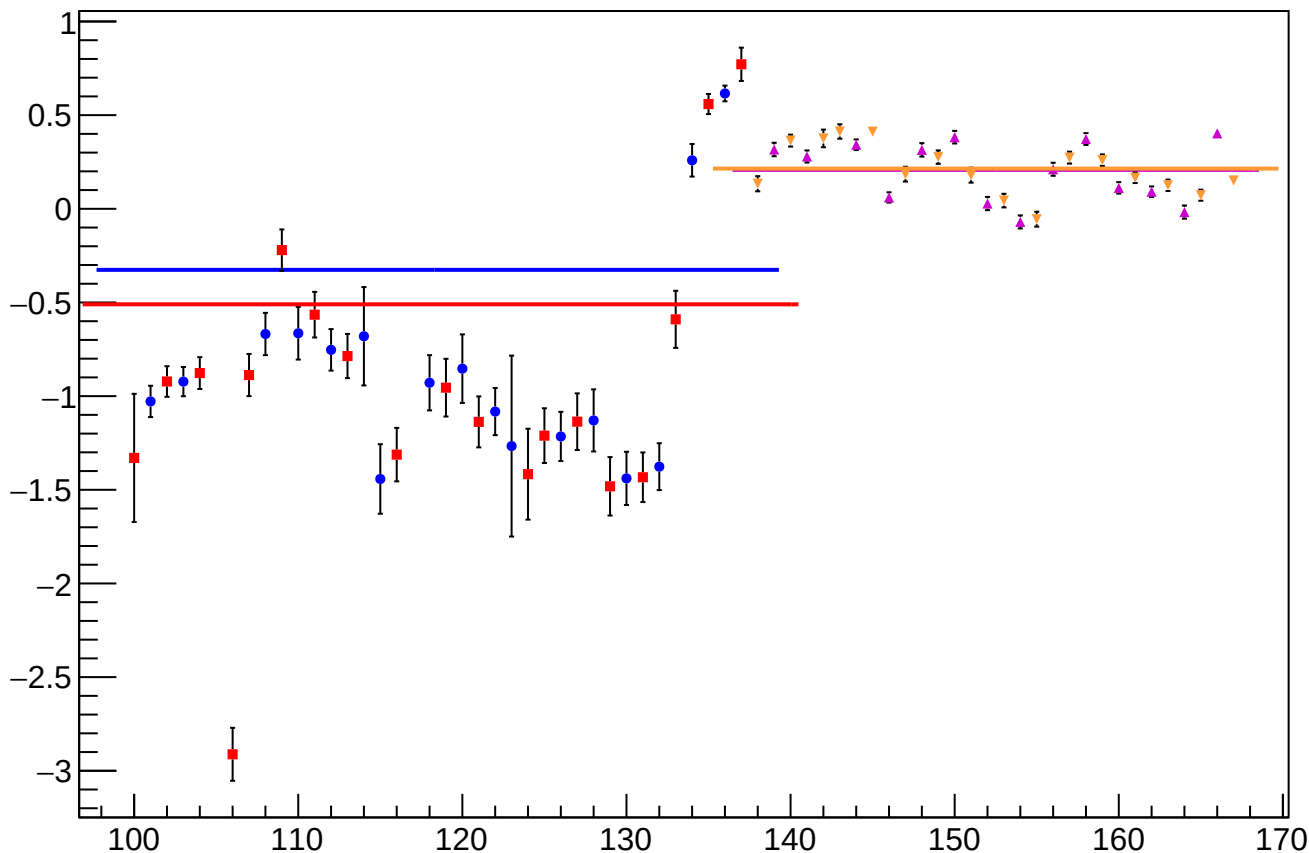
Left In: 40.494 $\pm$ 0.177 χ^2 /NDF:621.4/13

+ sign 38.866 $\pm$ 0.160 χ^2 /NDF: 4558.5/32

All: 38.895 $\pm$ 0.115 χ^2 /NDF: 8867.3/65

- sign 38.926 $\pm$ 0.166 χ^2 /NDF: 4308.7/32

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.215 ± 0.008 χ^2/NDF : 251.0/15

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

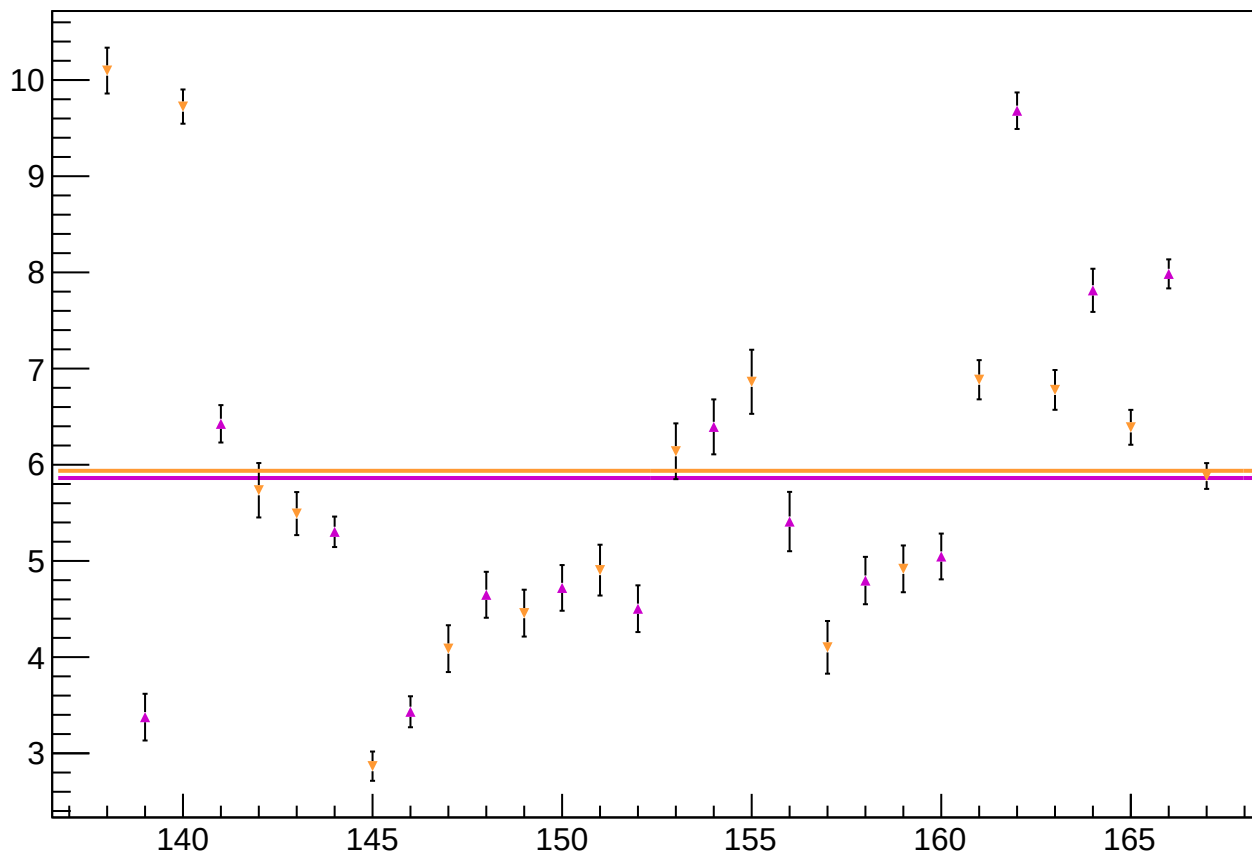
Left In: 0.208 ± 0.008 χ^2/NDF : 339.3/13

+ sign 0.164 ± 0.008 χ^2/NDF : 1690.9/32

All: 0.151 ± 0.006 χ^2/NDF : 3909.1/65

- sign 0.138 ± 0.008 χ^2/NDF : 2212.8/32

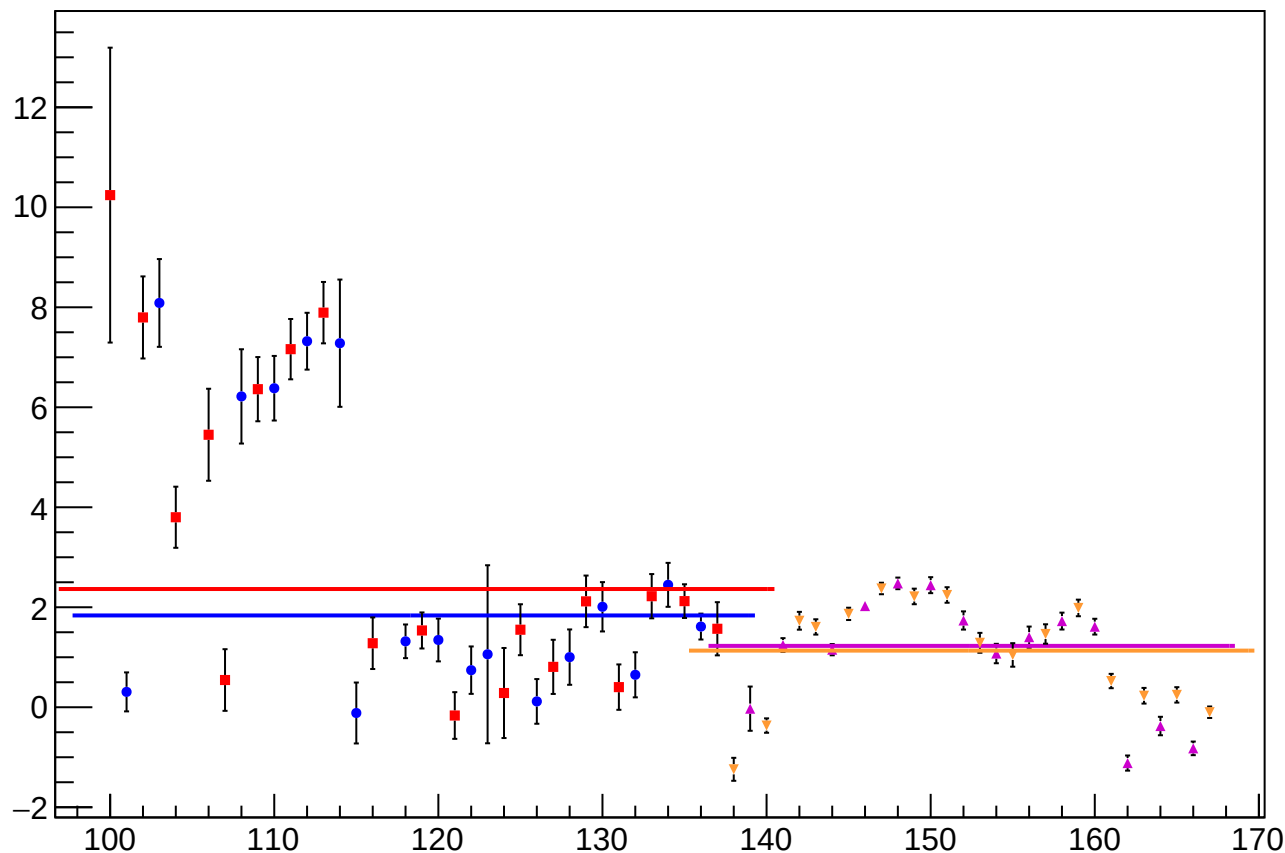
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.937 $\pm$ 0.053 χ^2 /NDF:1394.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.862 $\pm$ 0.056 χ^2 /NDF:1147.5/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.902 $\pm$ 0.038 χ^2 /NDF: 2542.6/29
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 0.116 χ^2/NDF : 294.9/16

Left Out: 1.133 ± 0.038 χ^2/NDF : 716.7/15

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

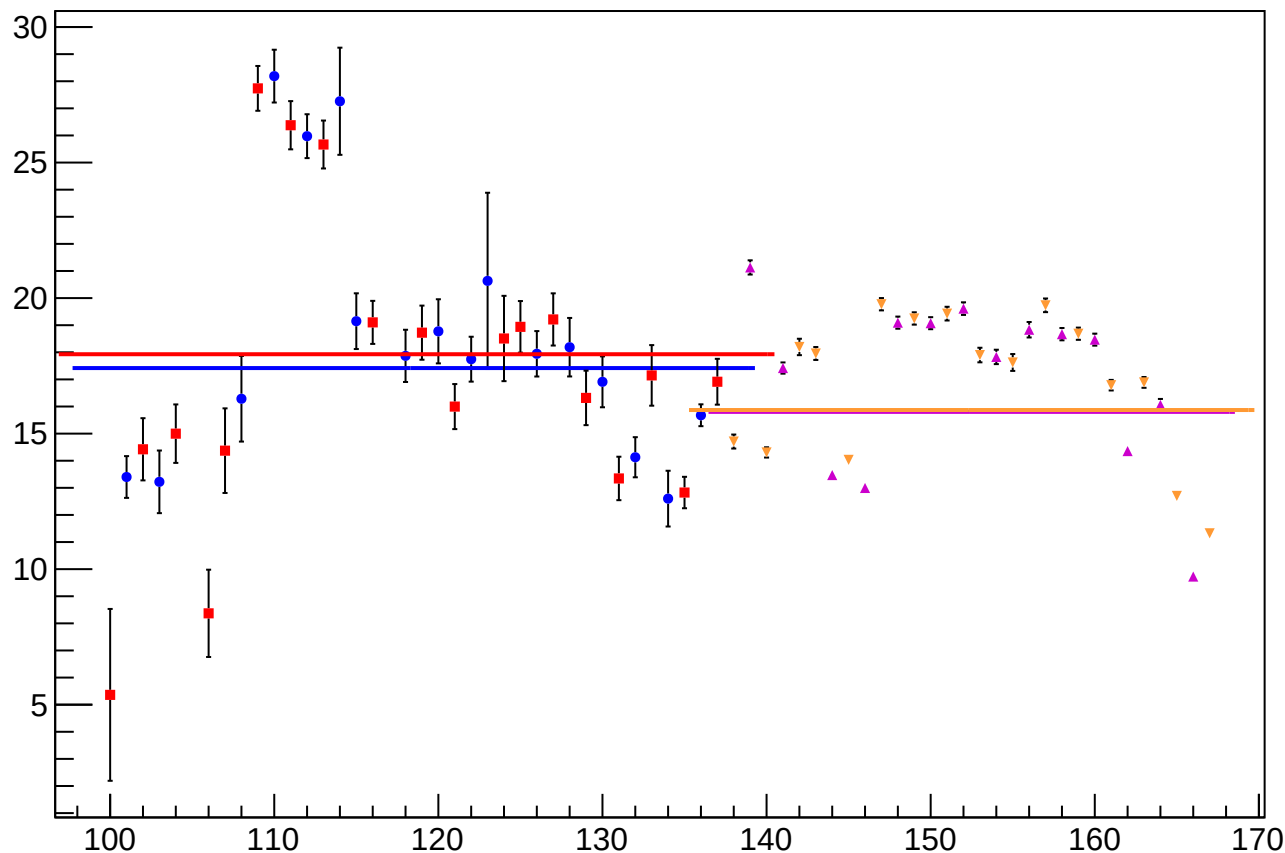
Left In: 1.228 ± 0.040 χ^2/NDF : 813.7/13

+ sign 1.202 ± 0.036 χ^2/NDF : 1044.7/32

All: 1.266 ± 0.026 χ^2/NDF : 2279.1/65

- sign 1.335 ± 0.038 χ^2/NDF : 1228.0/32

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 $\pm$ 0.212 χ^2 /NDF: 366.8/16

Left Out: 15.870 $\pm$ 0.053 χ^2 /NDF: 2999.5/15

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

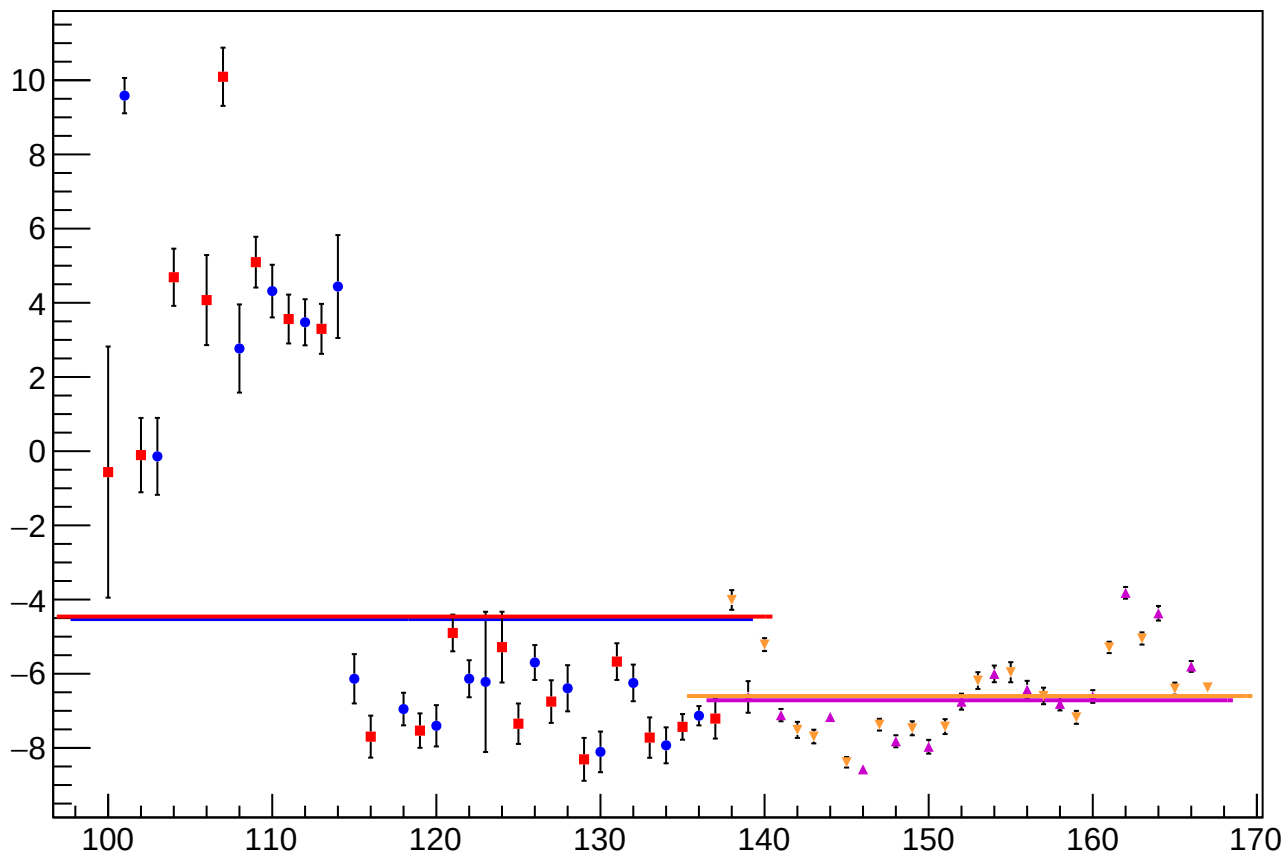
Left In: 15.802 $\pm$ 0.055 χ^2 /NDF: 3794.9/13

+ sign 15.961 $\pm$ 0.051 χ^2 /NDF: 3416.6/32

All: 15.945 $\pm$ 0.037 χ^2 /NDF: 7806.9/65

- sign 15.928 $\pm$ 0.053 χ^2 /NDF: 4390.1/32

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: -6.601 ± 0.044 χ^2/NDF : 617.4/15

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

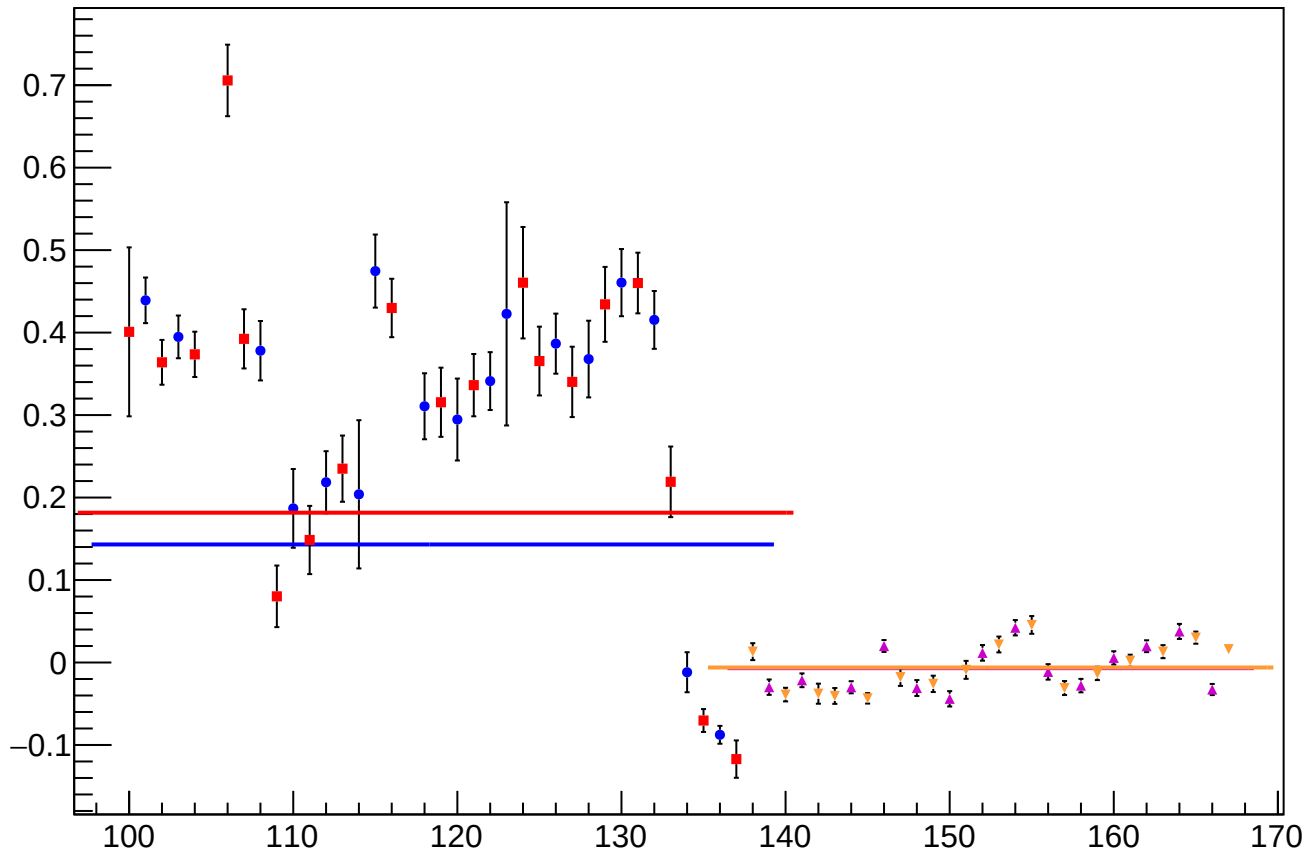
Left In: -6.716 ± 0.046 χ^2/NDF : 863.1/13

+ sign -6.383 ± 0.042 χ^2/NDF : 2437.3/32

All: -6.431 ± 0.030 χ^2/NDF : 4885.6/65

- sign -6.484 ± 0.044 χ^2/NDF : 2445.6/32

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: -0.006 $\pm$ 0.002 χ^2 /NDF:167.1/15

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1007.8/18

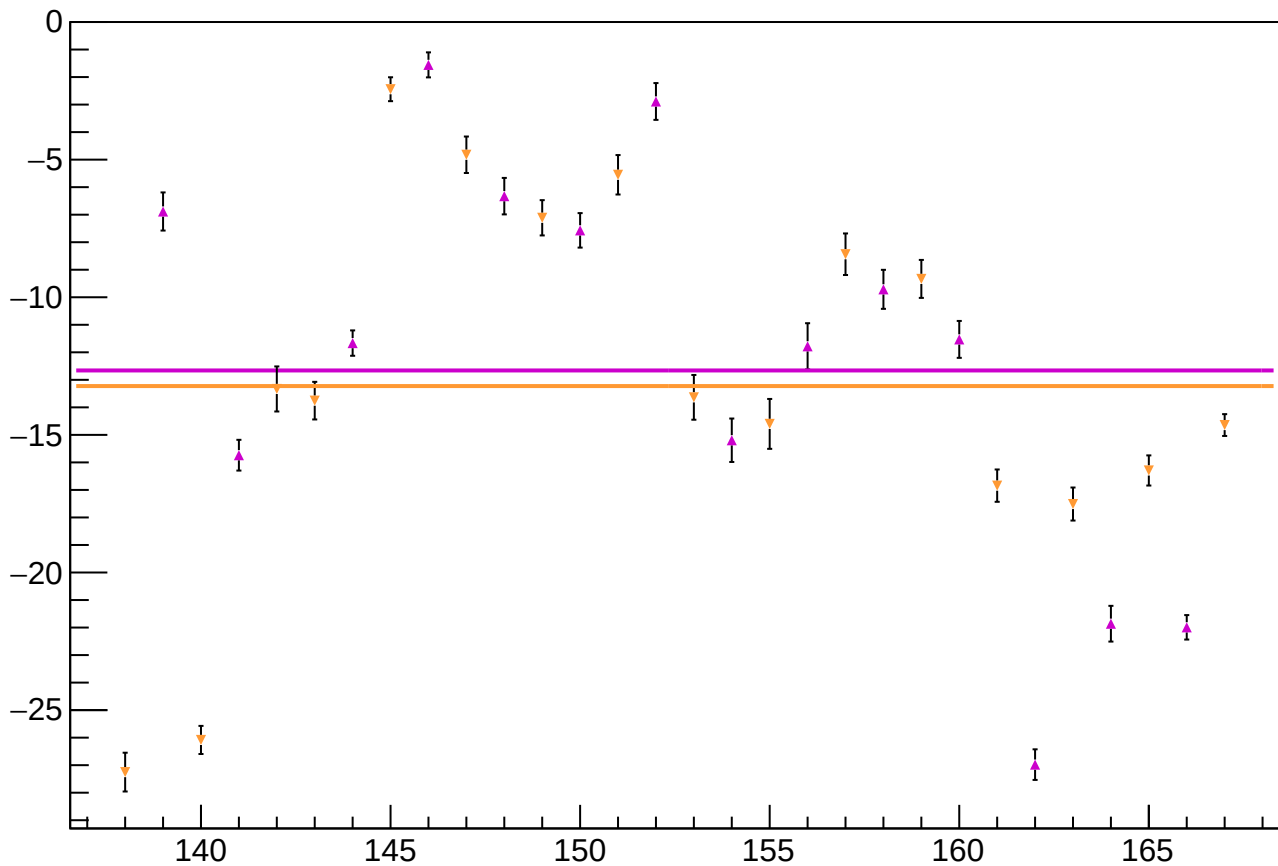
Left In: -0.007 $\pm$ 0.002 χ^2 /NDF:148.2/13

+ sign 0.006 $\pm$ 0.002 χ^2 /NDF: 1638.9/32

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 3393.2/65

- sign 0.009 $\pm$ 0.002 χ^2 /NDF: 1753.5/32

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.227 ± 0.152 χ^2/NDF : 2222.4/15

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

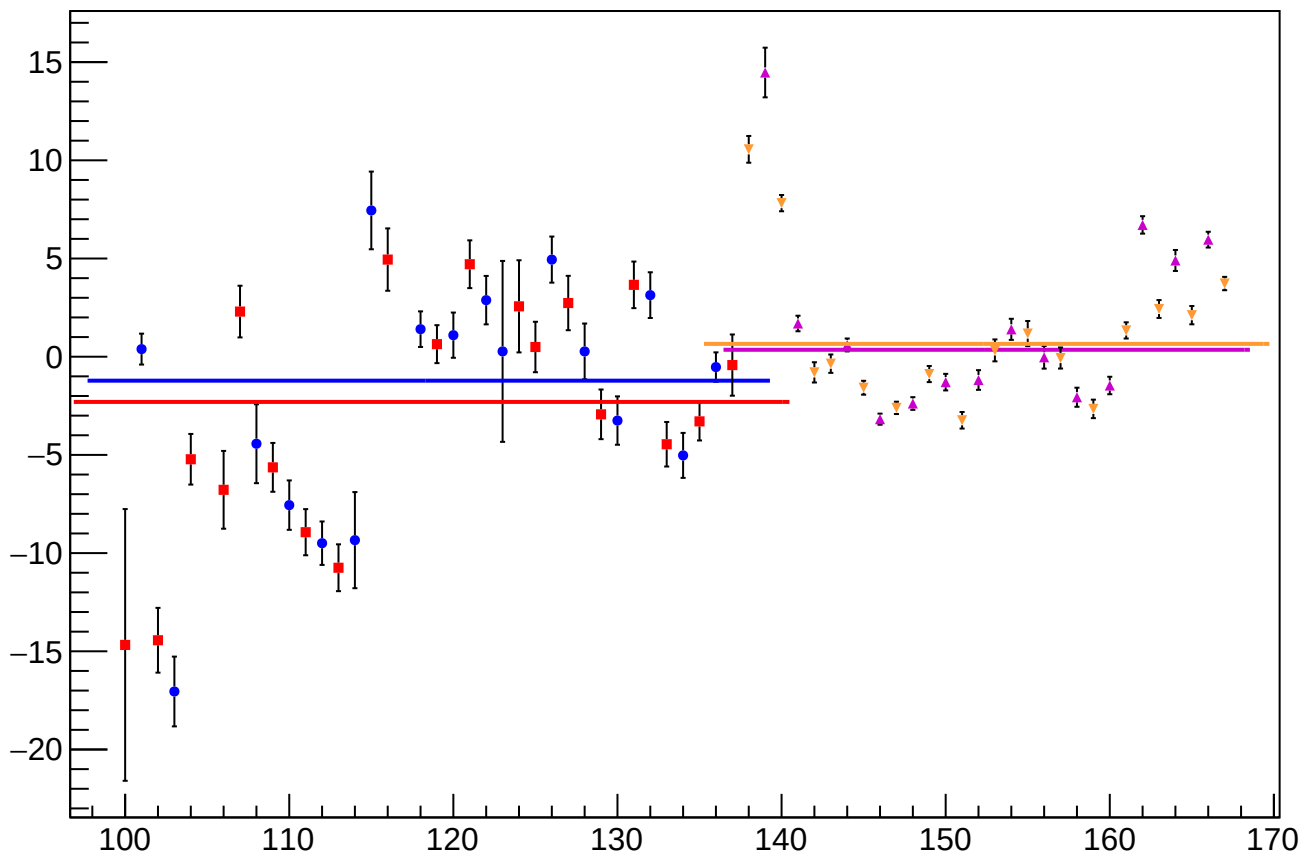
Left In: -12.659 ± 0.158 χ^2/NDF : 2409.2/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.955 ± 0.110 χ^2/NDF : 4638.3/29

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 0.653 ± 0.109 χ^2/NDF : 931.5/15

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

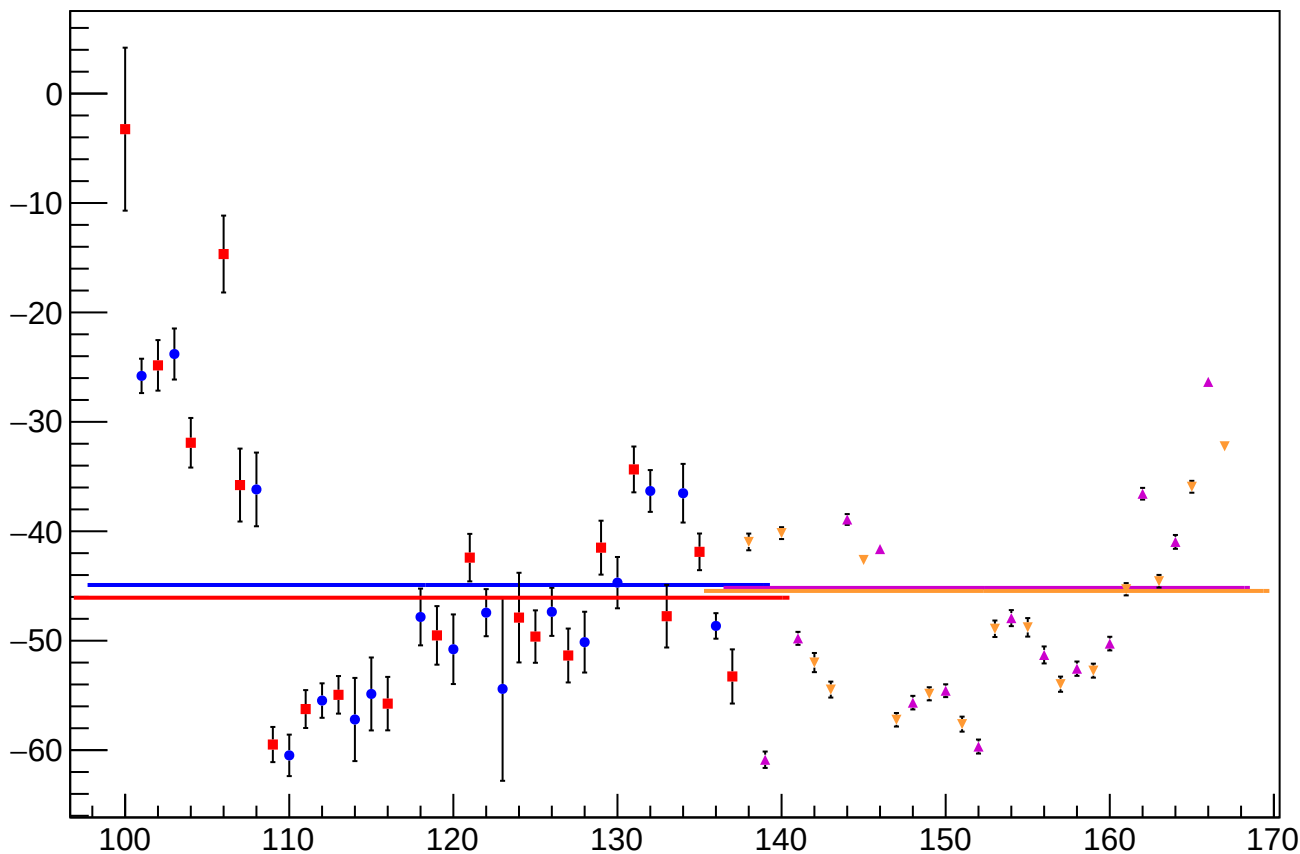
Left In: 0.353 ± 0.113 χ^2/NDF : 908.5/13

+ sign 0.420 ± 0.102 χ^2/NDF : 1246.7/32

All: 0.231 ± 0.074 χ^2/NDF : 2516.1/65

- sign 0.028 ± 0.106 χ^2/NDF : 1262.3/32

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -45.452 ± 0.151 χ^2/NDF : 2985.3/15

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

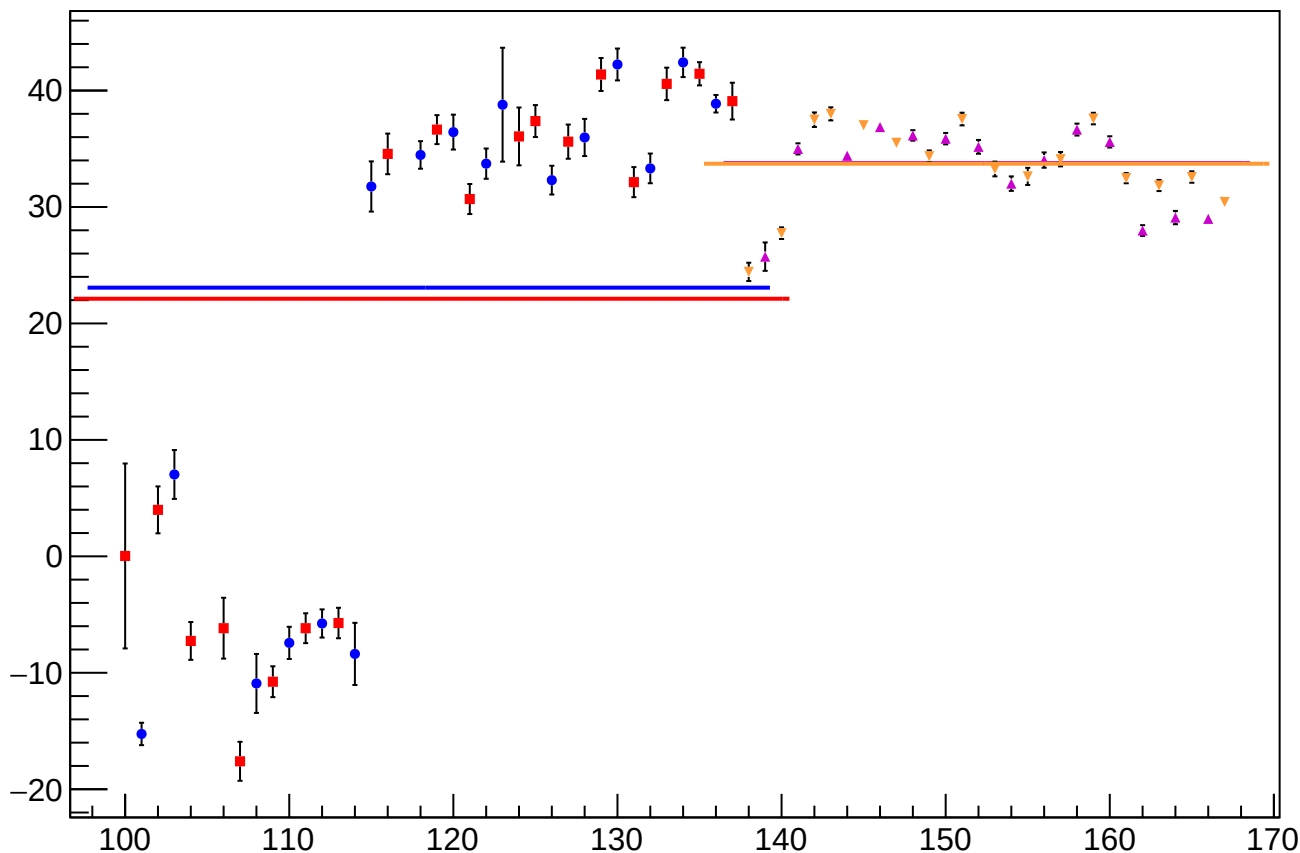
Left In: -45.176 ± 0.156 χ^2/NDF : 4084.4/13

+ sign -45.410 ± 0.145 χ^2/NDF : 3407.4/32

All: -45.331 ± 0.104 χ^2/NDF : 7949.0/65

- sign -45.248 ± 0.149 χ^2/NDF : 4541.0/32

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: 33.717 $\pm$ 0.127 χ^2/NDF : 680.4/15

Right Out: 22.122 $\pm$ 0.340 χ^2/NDF : 4034.4/18

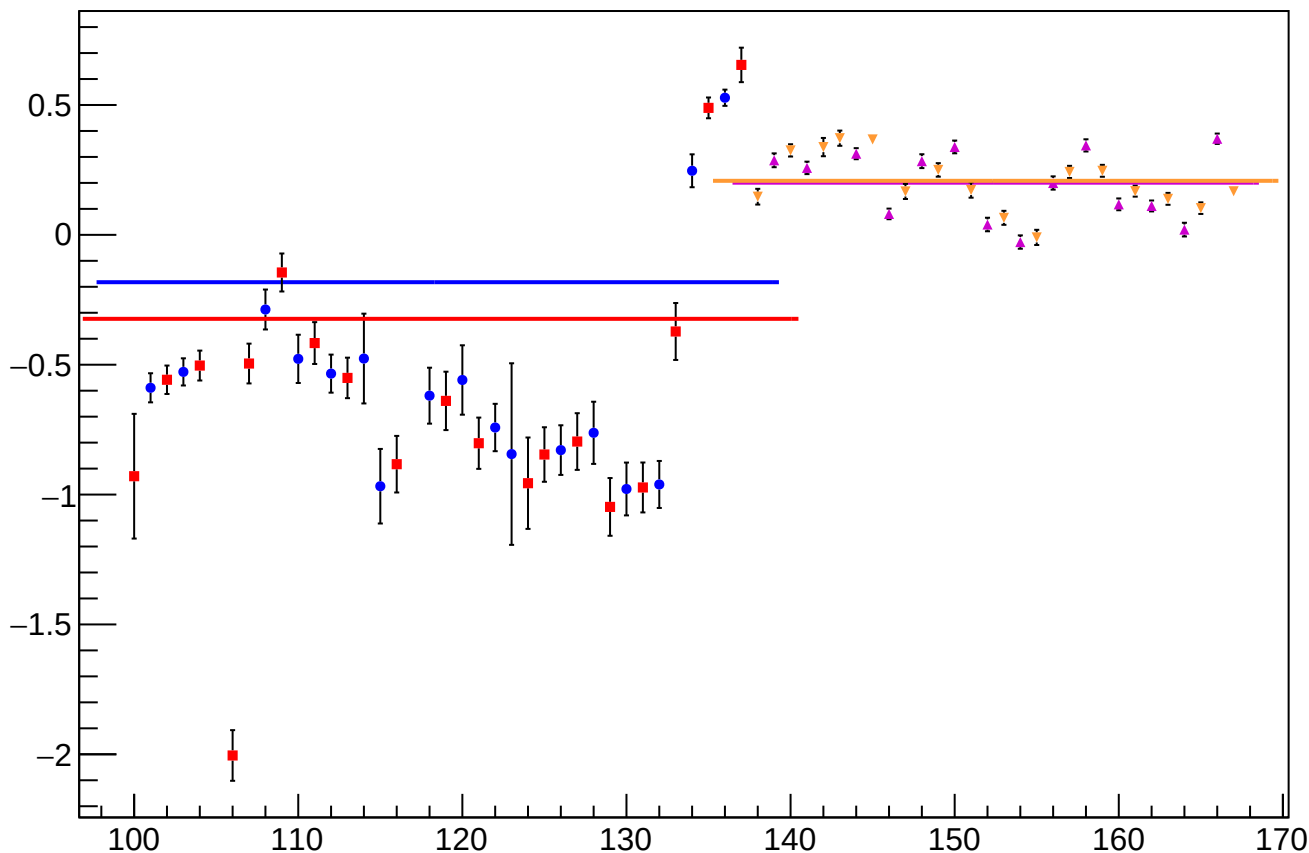
Left In: 33.776 $\pm$ 0.132 χ^2/NDF : 582.2/13

+ sign 32.315 $\pm$ 0.118 χ^2/NDF : 5952.0/32

All: 32.286 $\pm$ 0.085 χ^2/NDF : 11591.0/65

- sign 32.255 $\pm$ 0.123 χ^2/NDF : 5638.9/32

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.208 ± 0.006 χ^2/NDF : 286.7/15

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

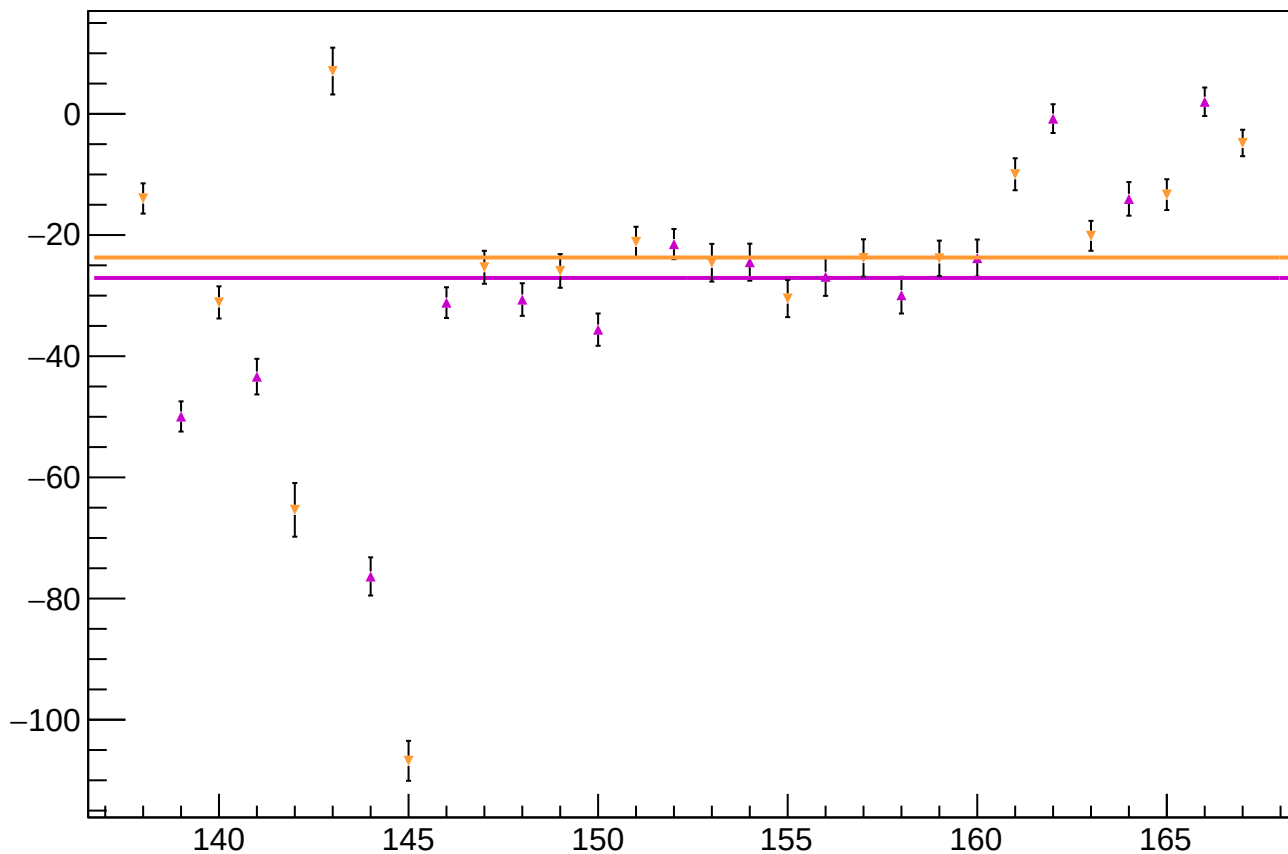
Left In: 0.201 ± 0.006 χ^2/NDF : 424.1/13

+ sign 0.168 ± 0.006 χ^2/NDF : 1720.0/32

All: 0.157 ± 0.004 χ^2/NDF : 4080.5/65

- sign 0.145 ± 0.006 χ^2/NDF : 2352.4/32

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -23.710+/-0.700 χ^2/NDF : 937.8/15

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

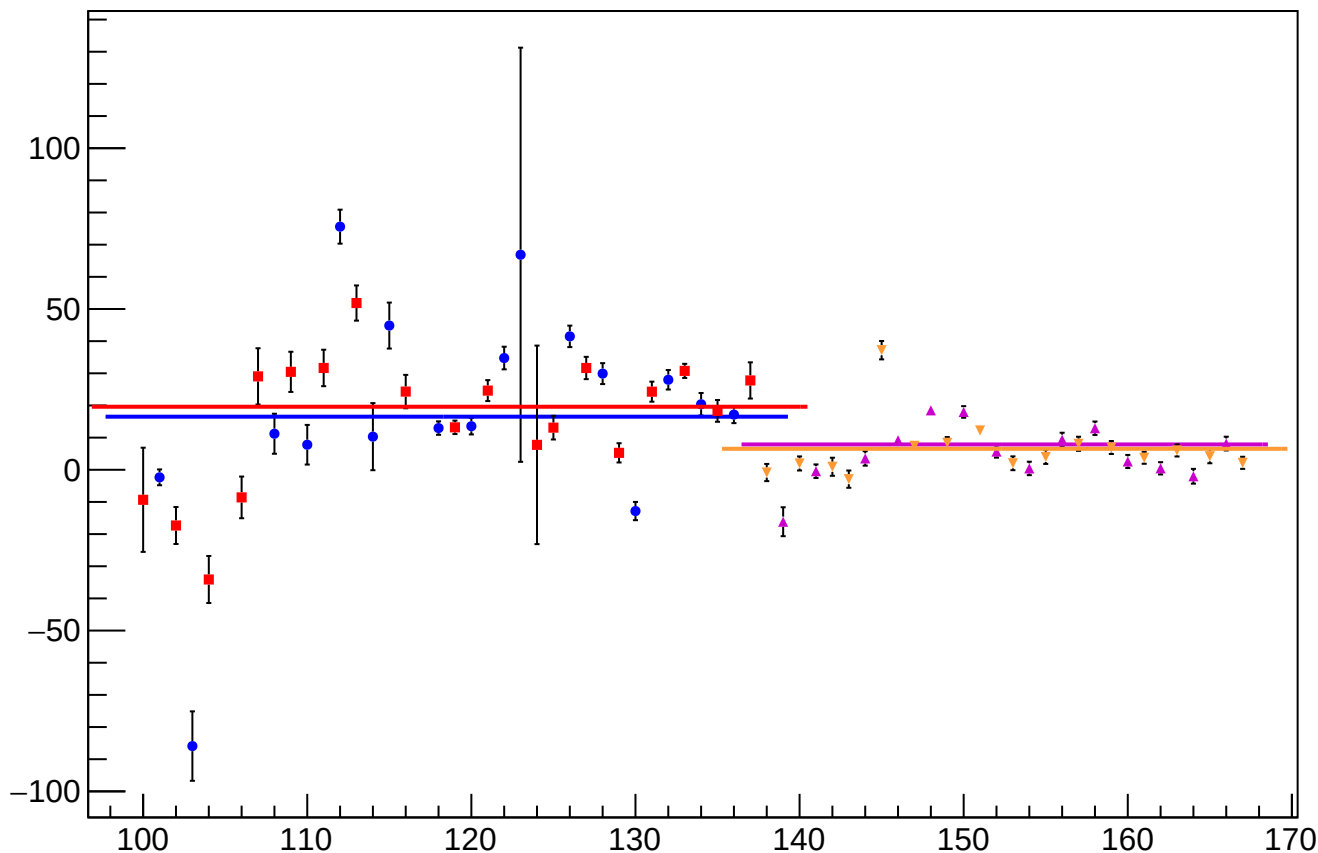
Left In: -27.080+/-0.729 χ^2/NDF : 678.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.328+/-0.505 χ^2/NDF : 1627.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 6.526 $\pm$ 0.494 χ^2 /NDF: 176.3/15

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

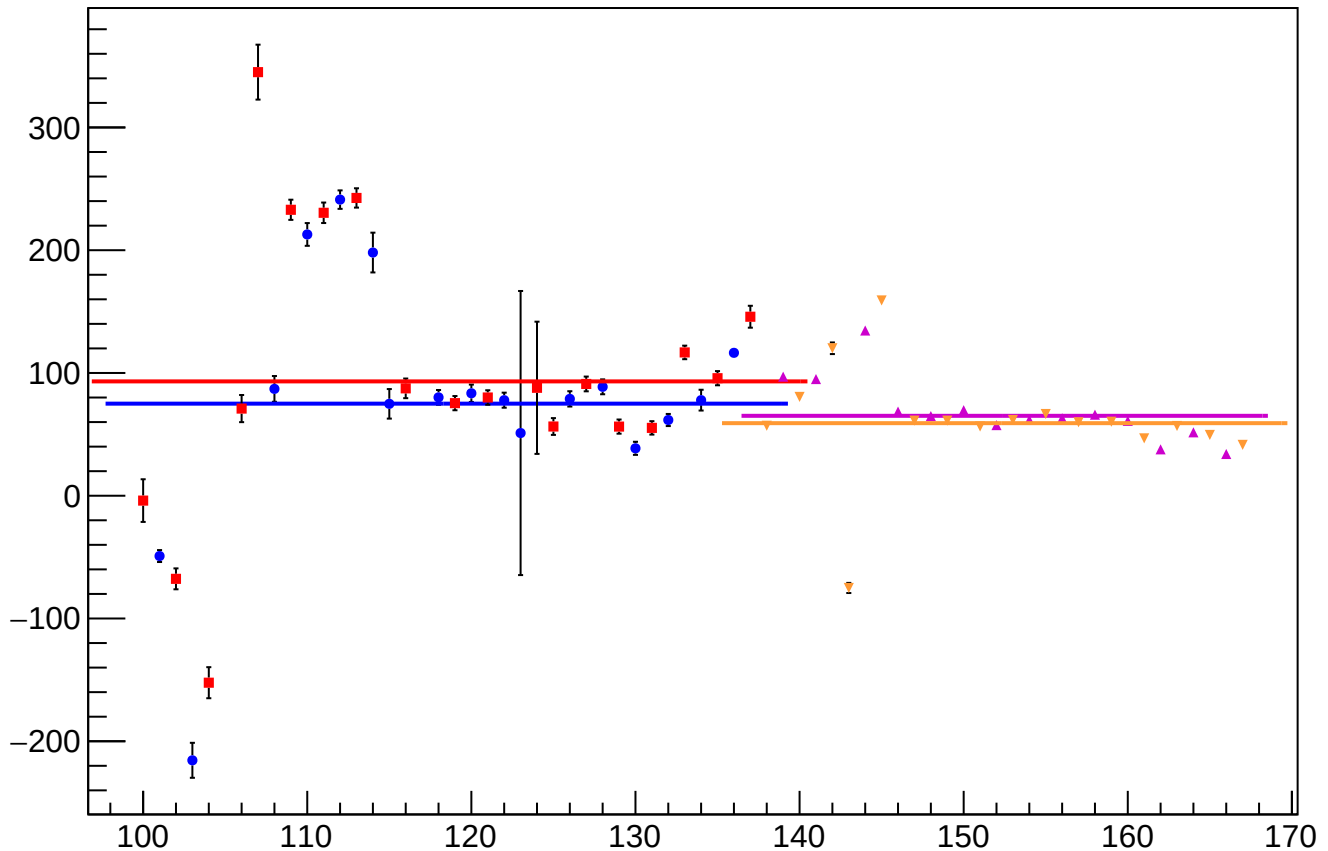
Left In: 7.879 $\pm$ 0.520 χ^2 /NDF: 206.6/13

+ sign 9.063 $\pm$ 0.427 χ^2 /NDF: 799.5/32

All: 9.897 $\pm$ 0.310 χ^2 /NDF: 1383.7/65

- sign 10.825 $\pm$ 0.450 χ^2 /NDF: 576.1/32

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF : 1999.3/16

Left Out: 59.115+/-0.687 χ^2/NDF : 2247.6/15

Right Out: 93.140+/-1.711 χ^2/NDF : 2002.3/18

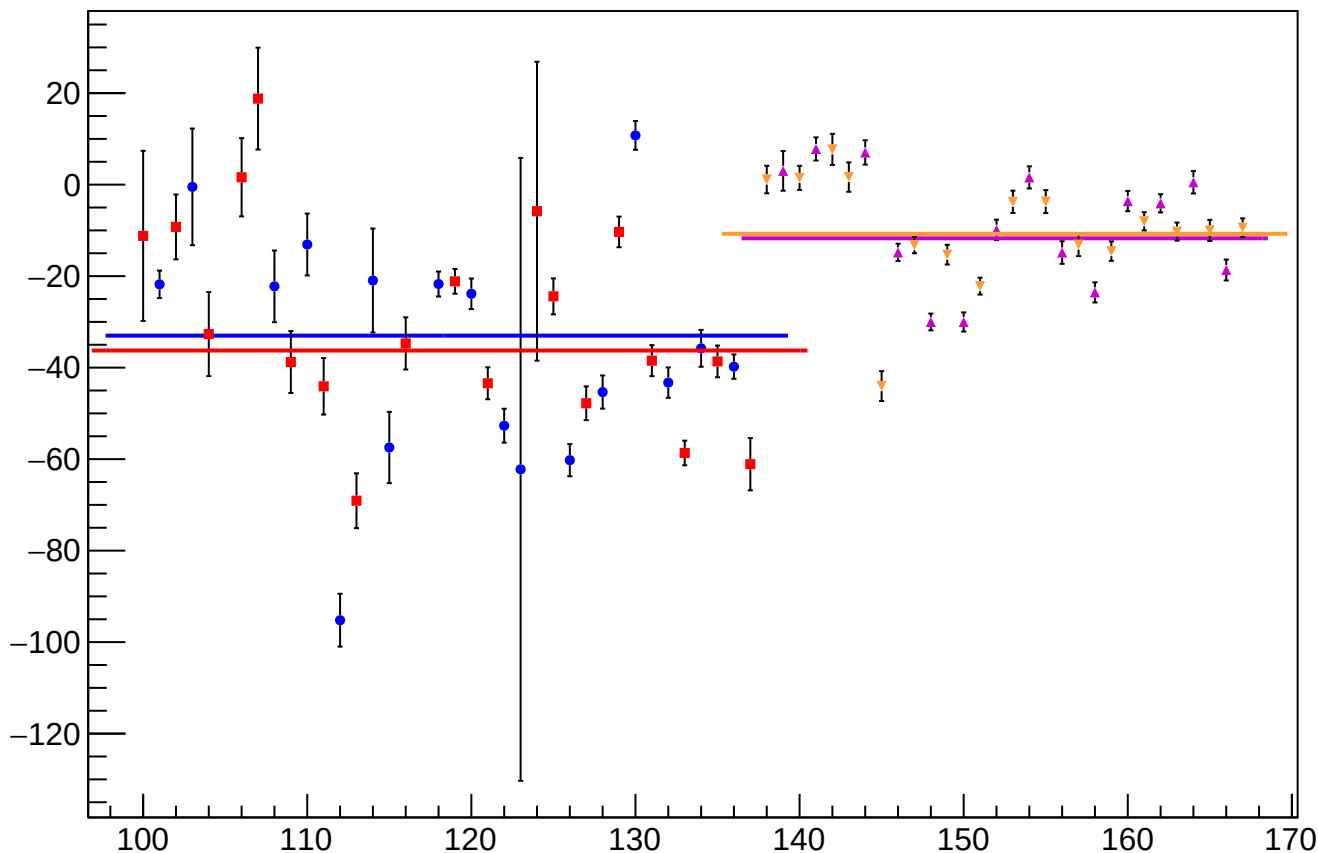
Left In: 65.102+/-0.710 χ^2/NDF : 1011.6/13

+ sign 61.497+/-0.633 χ^2/NDF : 4327.2/32

All: 65.224+/-0.455 χ^2/NDF : 7641.9/65

- sign 69.216+/-0.655 χ^2/NDF : 3243.0/32

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -10.751 ± 0.577 χ^2/NDF : 253.5/15

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

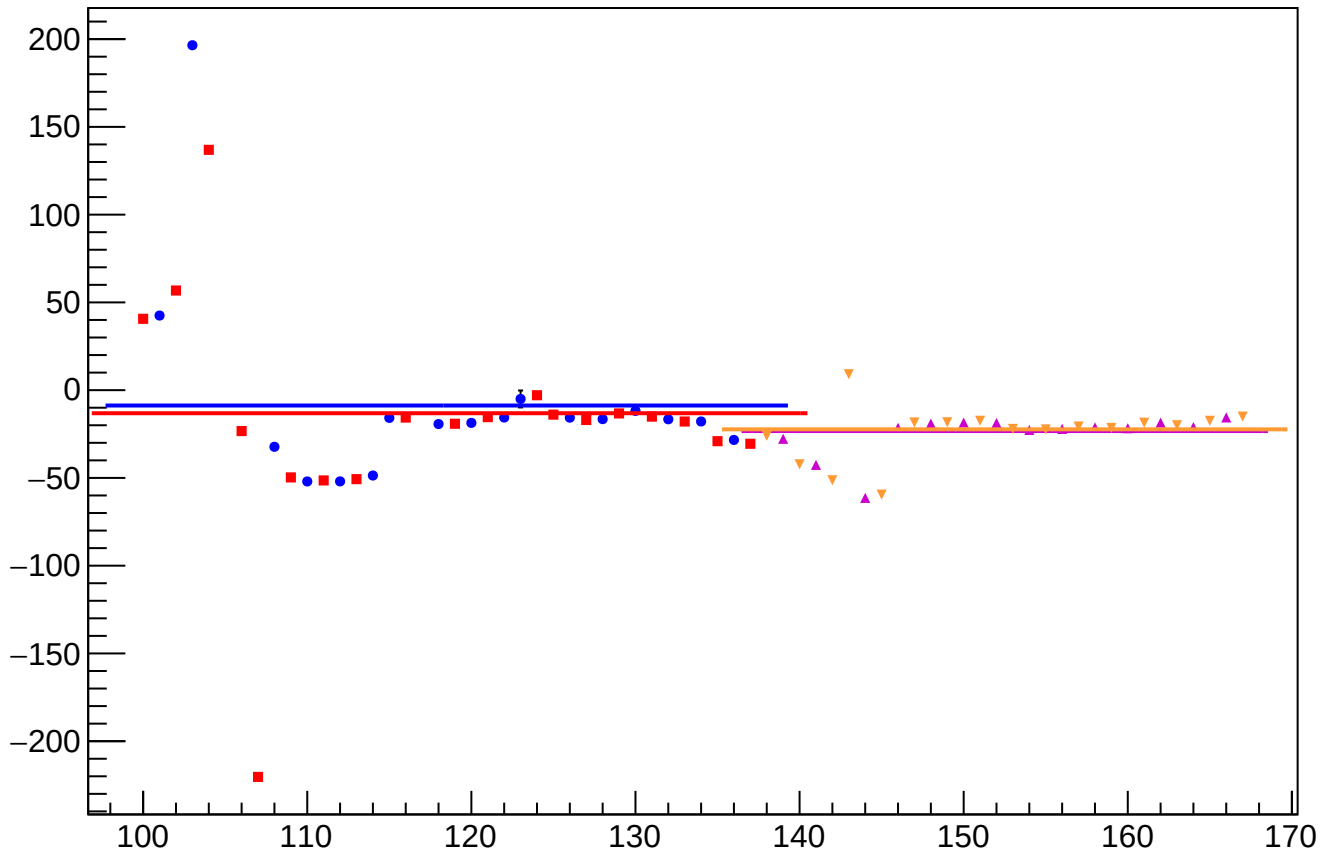
Left In: -11.732 ± 0.607 χ^2/NDF : 424.1/13

+ sign -16.557 ± 0.496 χ^2/NDF : 1134.2/32

All: -17.288 ± 0.360 χ^2/NDF : 2283.8/65

- sign -18.097 ± 0.522 χ^2/NDF : 1145.0/32

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -22.321 ± 0.027 $\chi^2/\text{NDF}: 178284.4/15$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

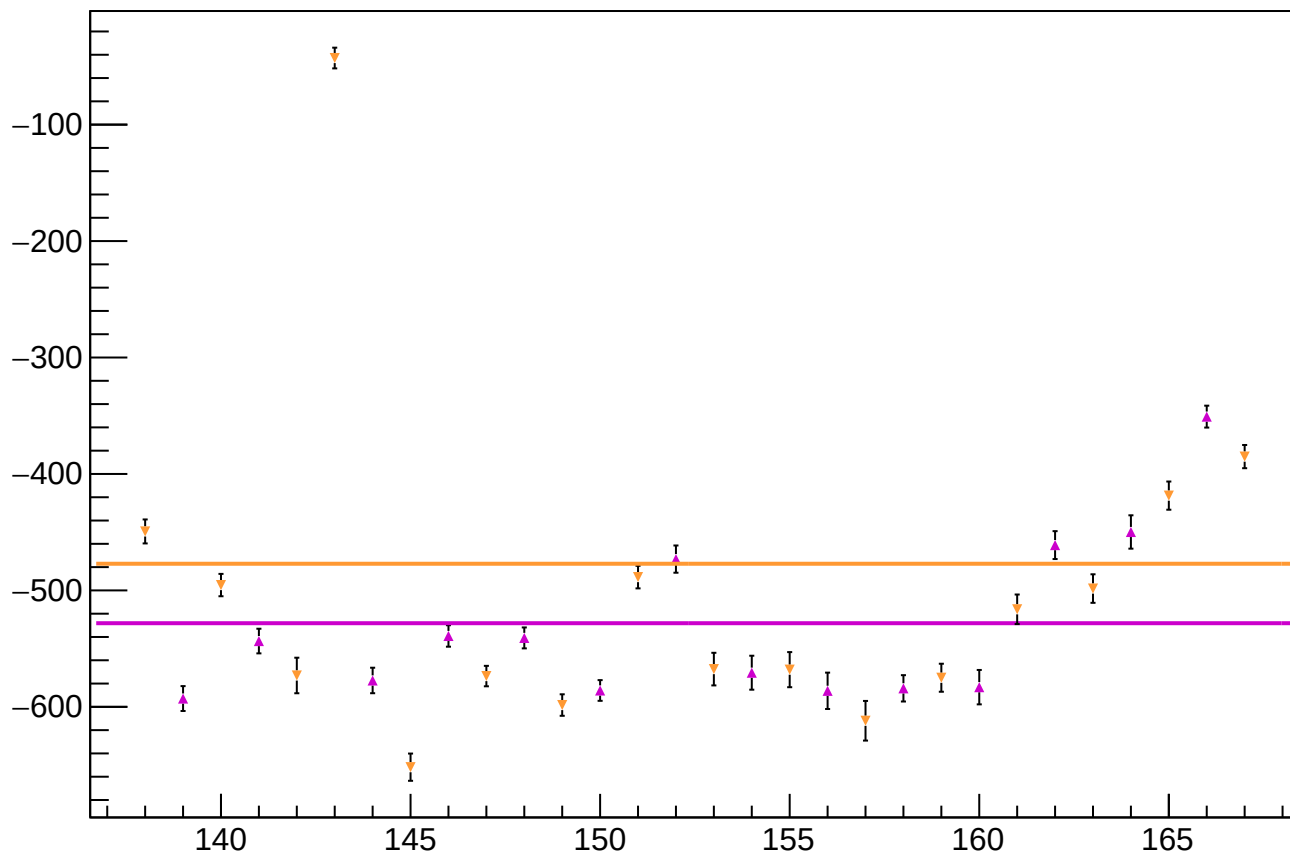
Left In: -23.290 ± 0.028 $\chi^2/\text{NDF}: 107683.7/13$

+ sign -19.951 ± 0.025 $\chi^2/\text{NDF}: 798249.9/32$

All: -20.723 ± 0.018 $\chi^2/\text{NDF}: 1489013.6/65$

- sign -21.556 ± 0.026 $\chi^2/\text{NDF}: 688712.9/32$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -477.109+/-2.779 χ^2/NDF : 3278.0/15

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

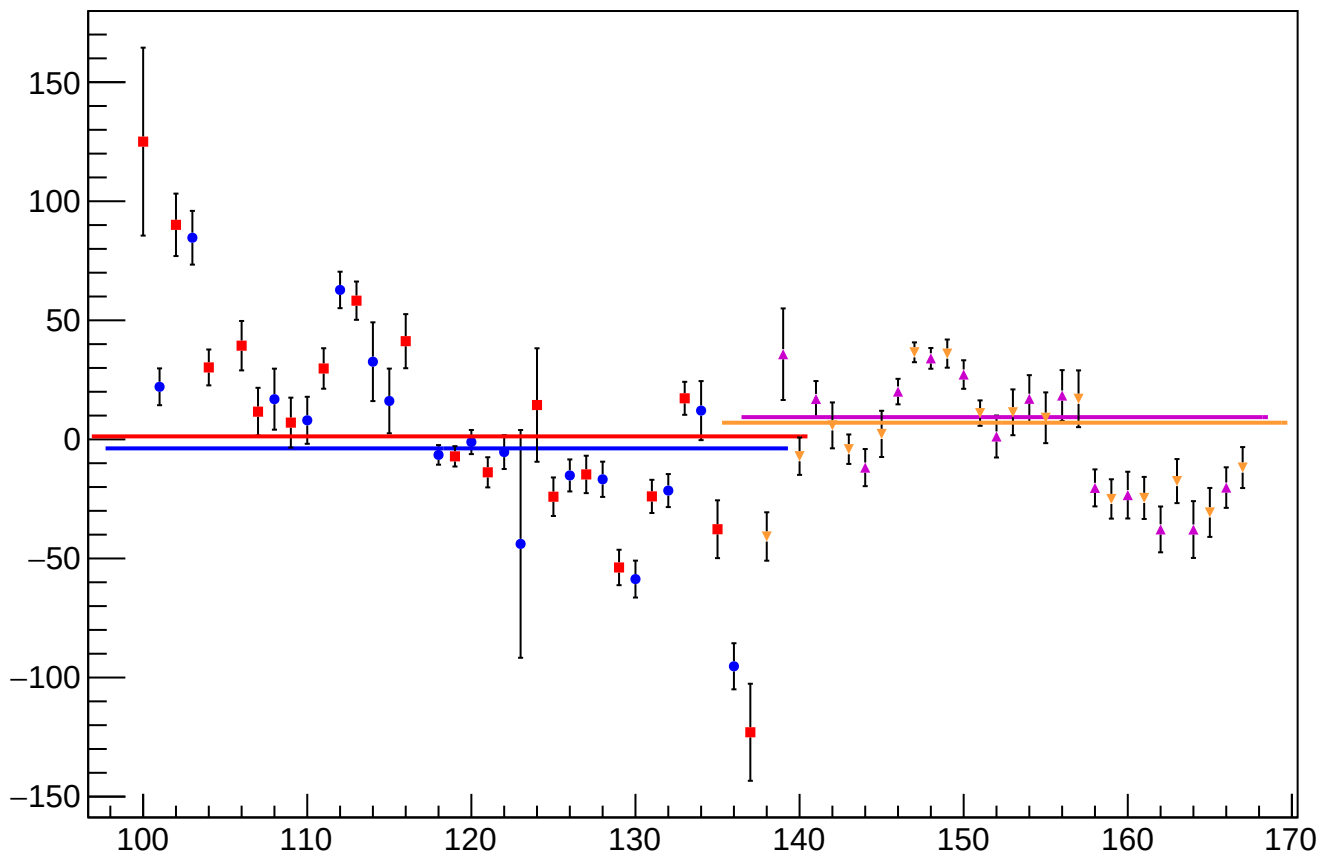
Left In: -528.171+/-2.955 χ^2/NDF : 604.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.071+/-2.025 χ^2/NDF : 4040.6/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: 7.008 ± 1.878 χ^2/NDF : 157.9/15

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

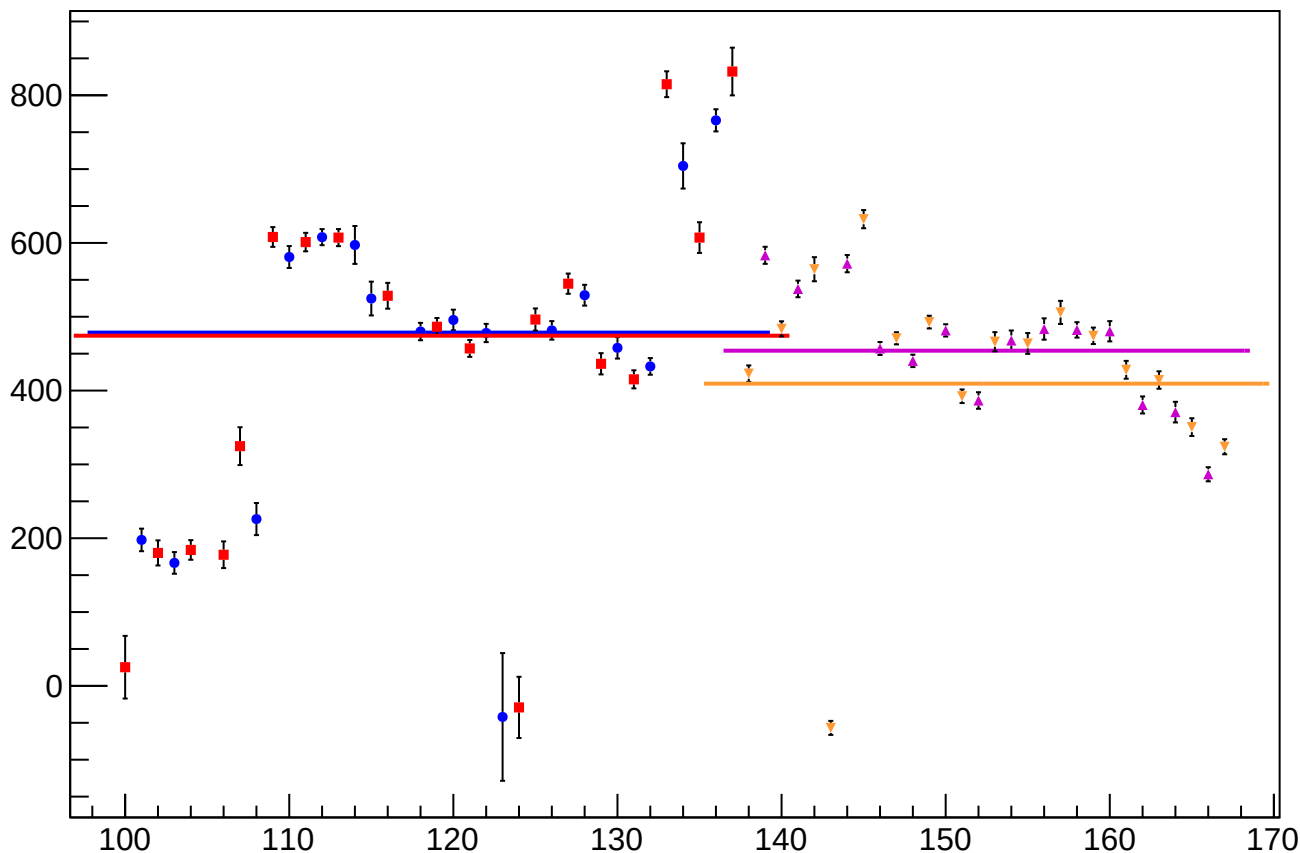
Left In: 9.350 ± 2.031 χ^2/NDF : 135.0/13

+ sign 1.649 ± 1.332 χ^2/NDF : 488.6/32

All: 3.285 ± 0.963 χ^2/NDF : 938.9/65

- sign 5.082 ± 1.395 χ^2/NDF : 447.1/32

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 ± 3.630 $\chi^2/\text{NDF}: 1629.0/16$

Left Out: 409.379 ± 2.746 $\chi^2/\text{NDF}: 3236.8/15$

Right Out: 474.328 ± 3.533 $\chi^2/\text{NDF}: 2287.1/18$

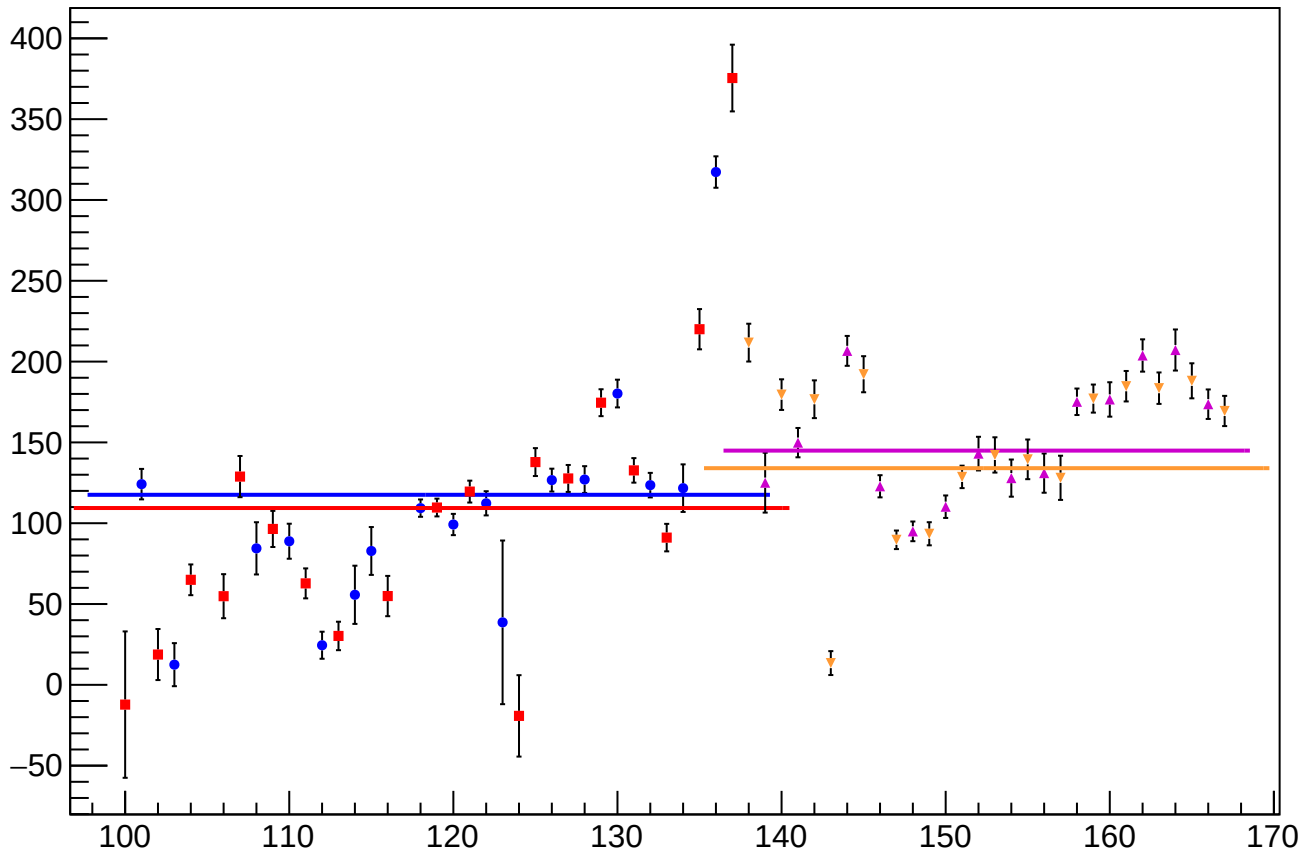
Left In: 454.036 ± 2.883 $\chi^2/\text{NDF}: 728.8/13$

+ sign 434.541 ± 2.190 $\chi^2/\text{NDF}: 5096.6/32$

All: 448.072 ± 1.564 $\chi^2/\text{NDF}: 8210.2/65$

- sign 462.149 ± 2.234 $\chi^2/\text{NDF}: 3035.7/32$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 134.053 ± 2.247 $\chi^2/\text{NDF}: 585.5/15$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

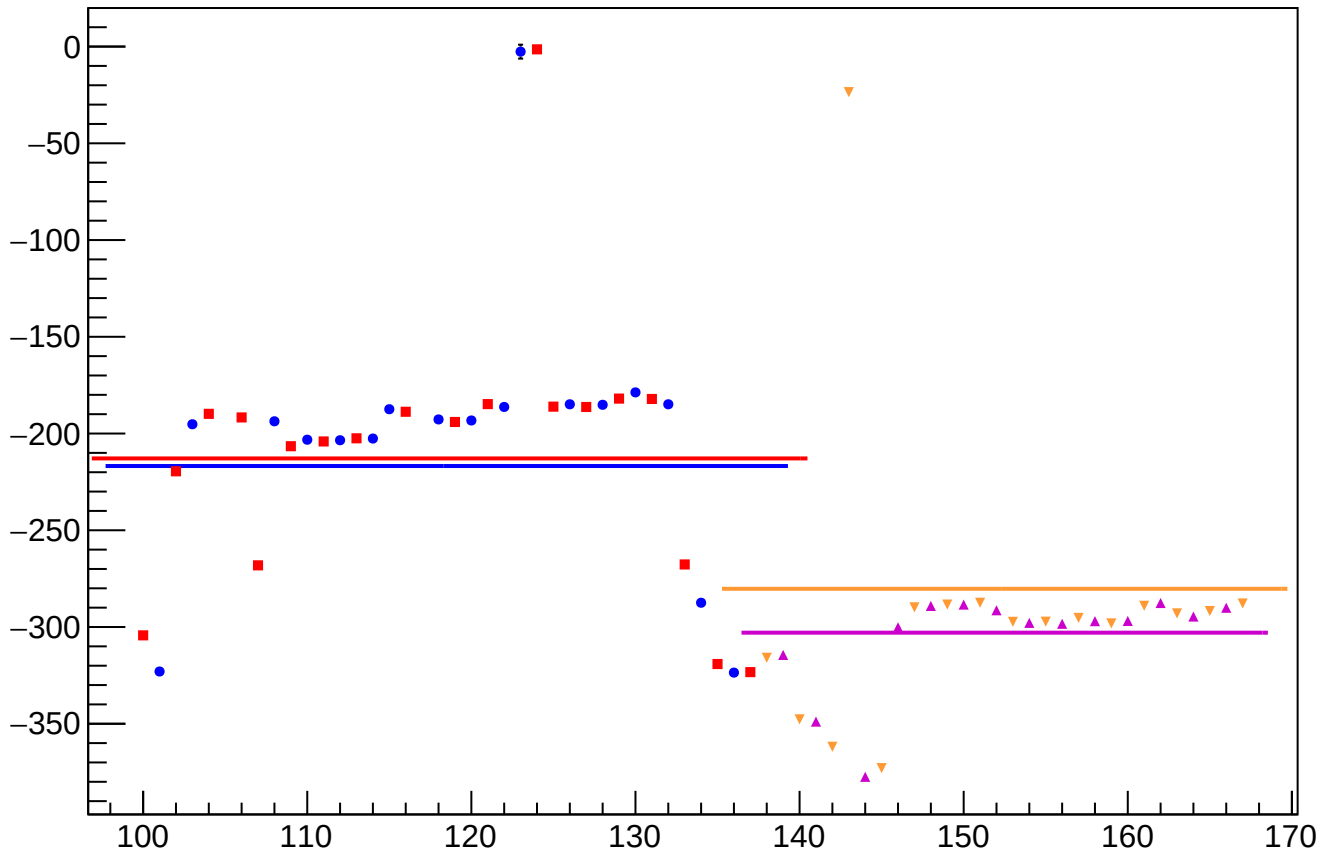
Left In: 144.923 ± 2.418 $\chi^2/\text{NDF}: 243.0/13$

+ sign 125.620 ± 1.569 $\chi^2/\text{NDF}: 1319.9/32$

All: 125.595 ± 1.131 $\chi^2/\text{NDF}: 2251.7/65$

- sign 125.569 ± 1.631 $\chi^2/\text{NDF}: 931.8/32$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 $\pm$ 0.136 χ^2 /NDF: 146976.1/16

Left Out: -280.248 $\pm$ 0.111 χ^2 /NDF: 545946.5/15

Right Out: -212.869 $\pm$ 0.130 χ^2 /NDF: 116393.6/18

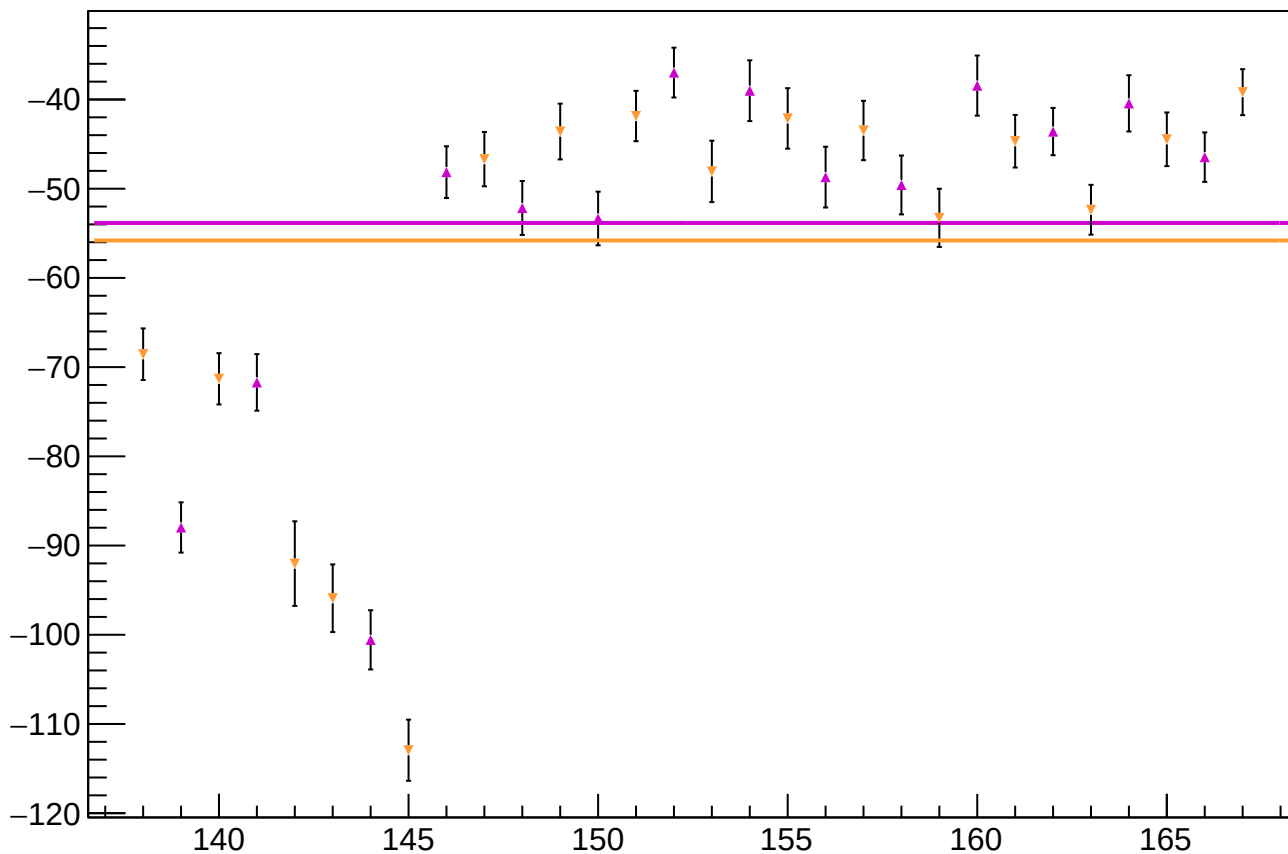
Left In: -302.928 $\pm$ 0.116 χ^2 /NDF: 38829.6/13

+ sign -254.887 $\pm$ 0.086 χ^2 /NDF: 824267.9/32

All: -258.939 $\pm$ 0.061 χ^2 /NDF: 1250891.9/65

- sign -263.069 $\pm$ 0.087 χ^2 /NDF: 422115.8/32

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -55.801+/-0.782 χ^2/NDF : 652.3/15

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

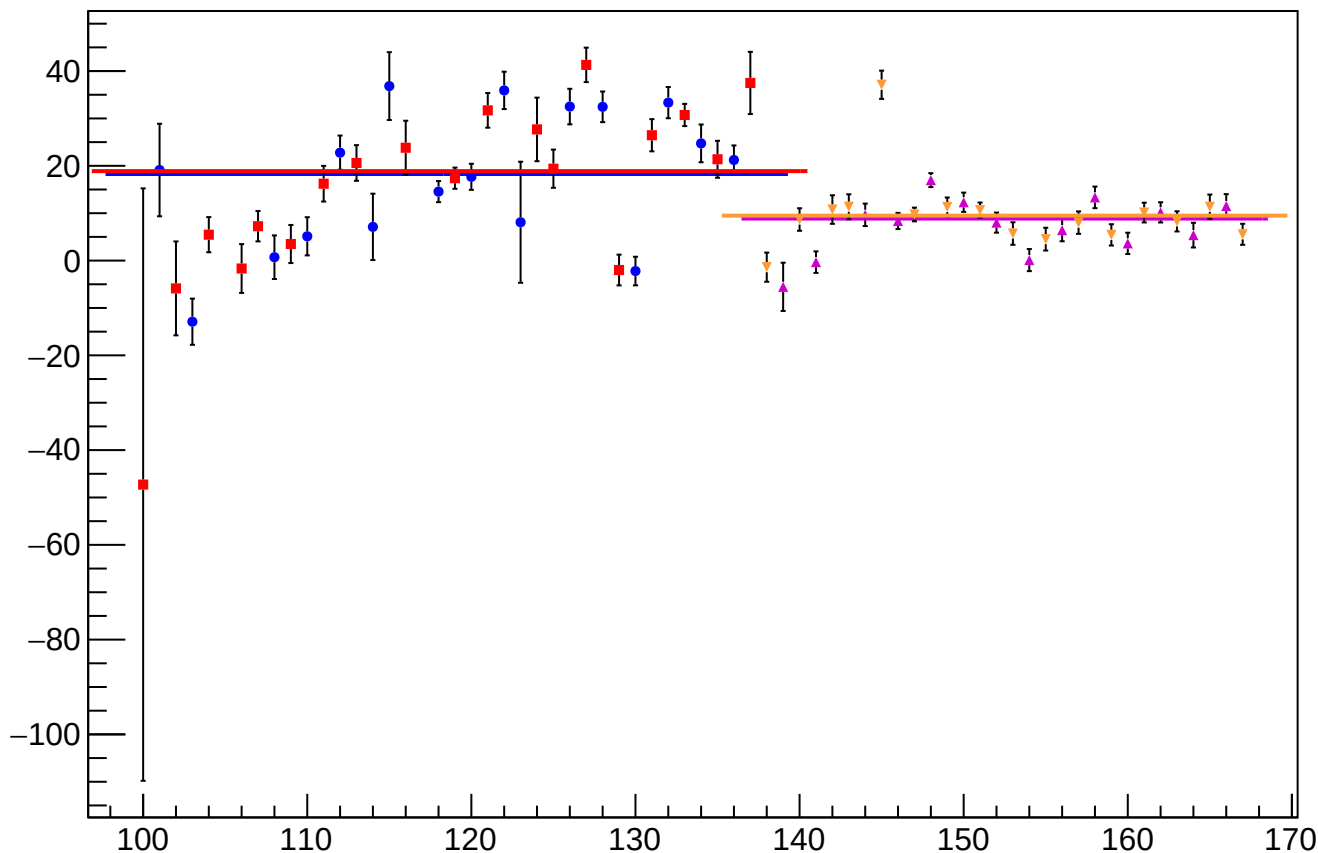
Left In: -53.840+/-0.814 χ^2/NDF : 501.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.860+/-0.564 χ^2/NDF : 1156.4/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 9.490 ± 0.551 χ^2/NDF : 115.0/15

Right Out: 18.882 ± 0.864 χ^2/NDF : 198.4/18

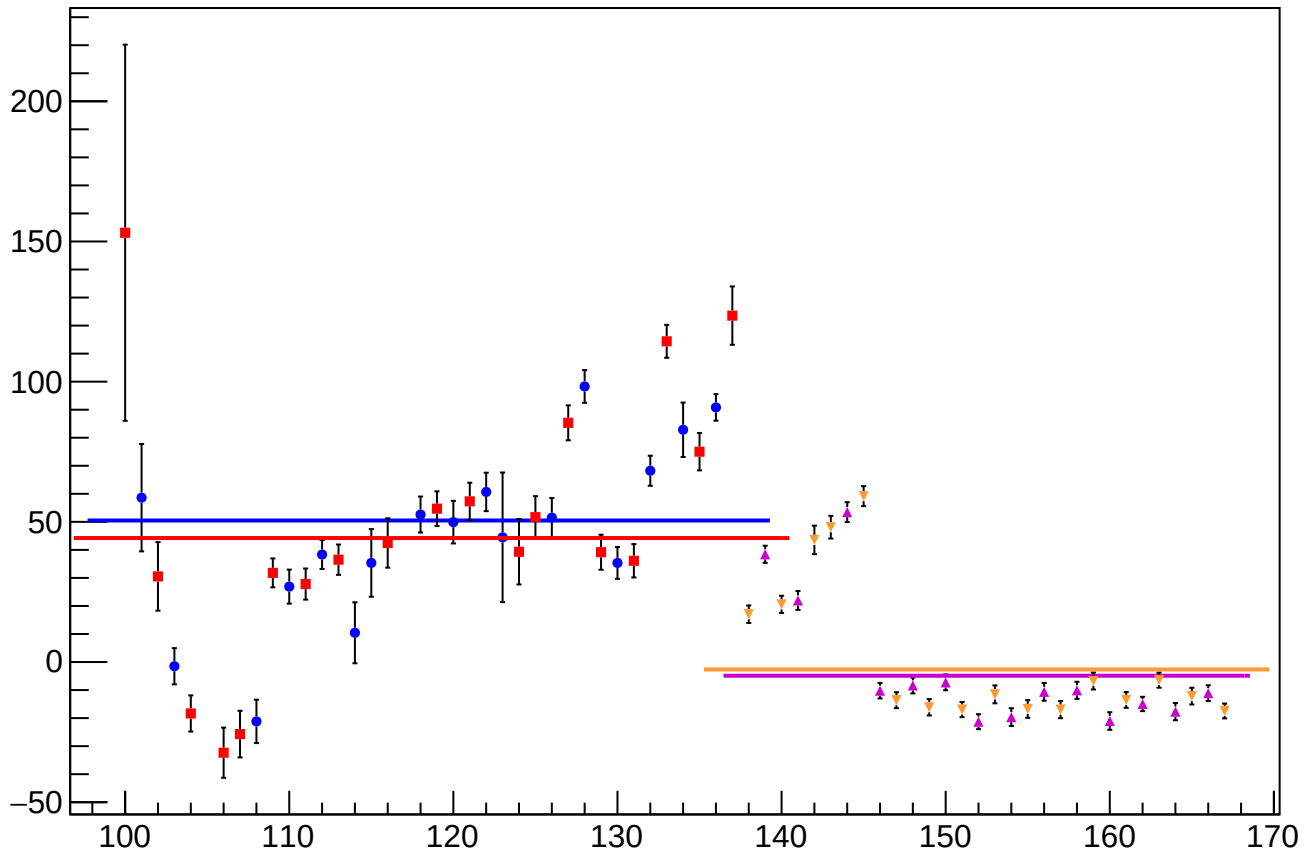
Left In: 8.868 ± 0.581 χ^2/NDF : 85.8/13

+ sign 11.864 ± 0.471 χ^2/NDF : 388.4/32

All: 11.923 ± 0.337 χ^2/NDF : 765.1/65

- sign 11.985 ± 0.482 χ^2/NDF : 376.7/32

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: -2.644 $\pm$ 0.767 χ^2 /NDF: 812.3/15

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

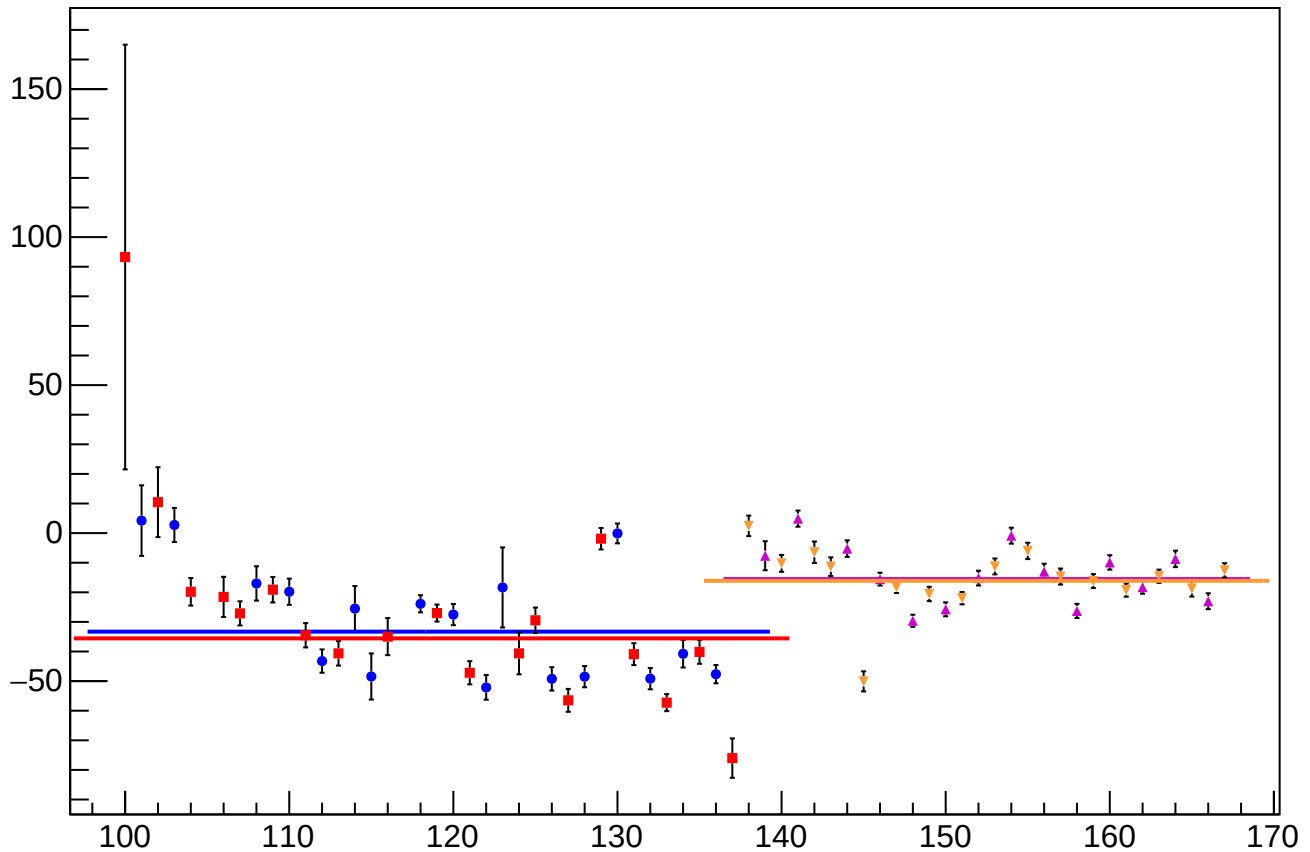
Left In: -4.887 $\pm$ 0.793 χ^2 /NDF: 670.9/13

+ sign 6.636 $\pm$ 0.697 χ^2 /NDF: 2007.4/32

All: 5.721 $\pm$ 0.498 χ^2 /NDF: 3970.8/65

- sign 4.770 $\pm$ 0.711 χ^2 /NDF: 1959.8/32

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.121 ± 0.644 χ^2/NDF : 177.0/15

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

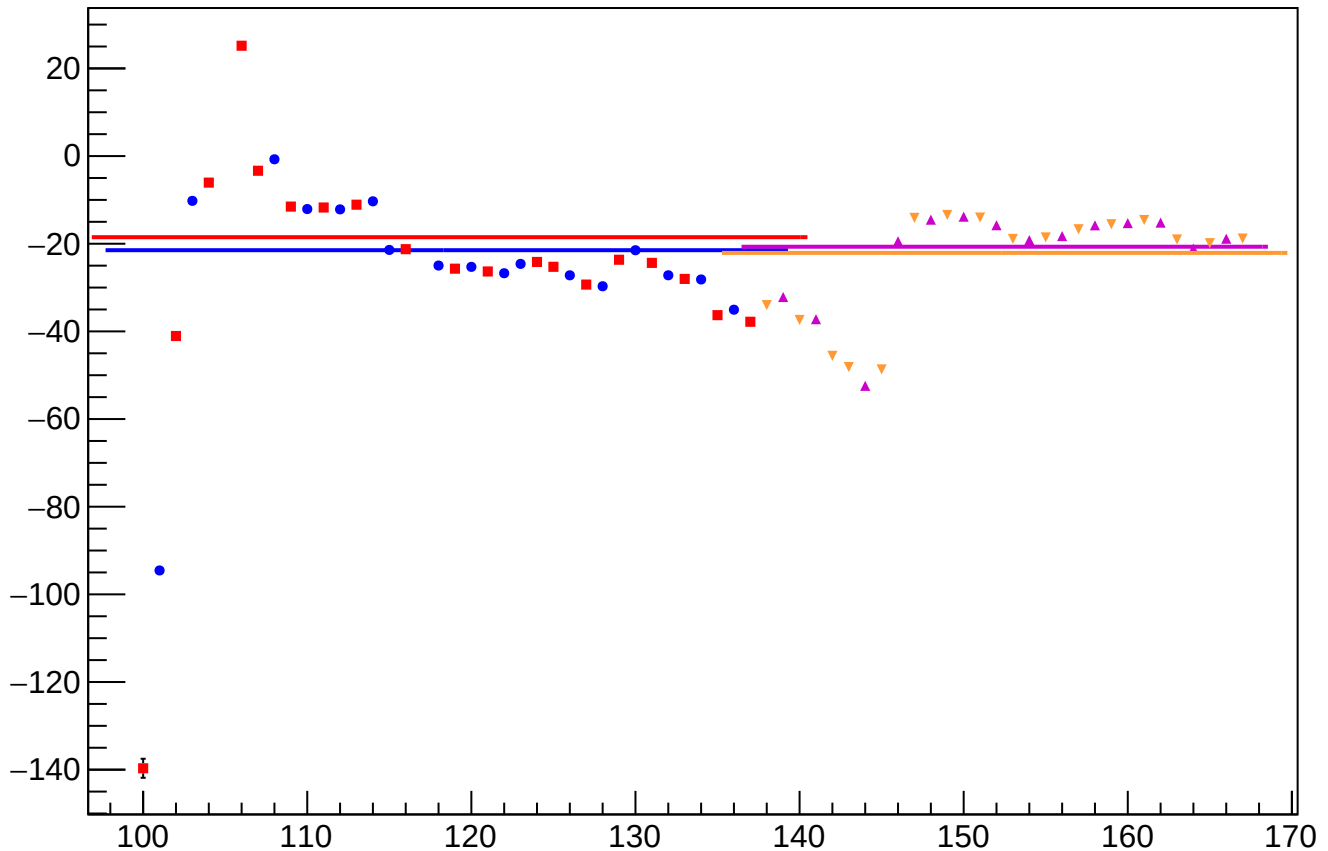
Left In: -15.529 ± 0.677 χ^2/NDF : 209.1/13

+ sign -20.925 ± 0.546 χ^2/NDF : 665.1/32

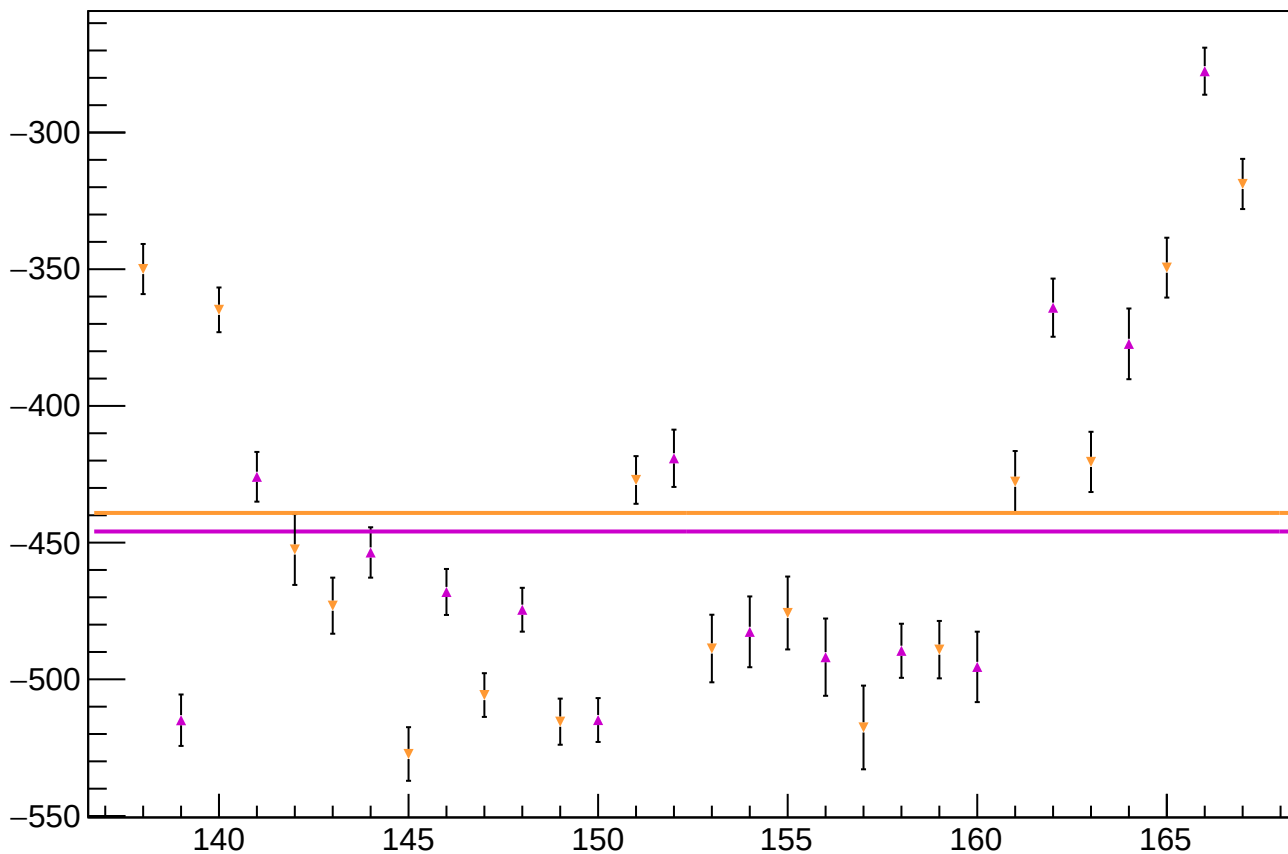
All: -21.398 ± 0.391 χ^2/NDF : 1441.5/65

- sign -21.893 ± 0.559 χ^2/NDF : 774.9/32

reg_asym_atr1_diff_bpm12X_slope vs Slug



reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -439.141 ± 2.520 χ^2/NDF : 738.9/15

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

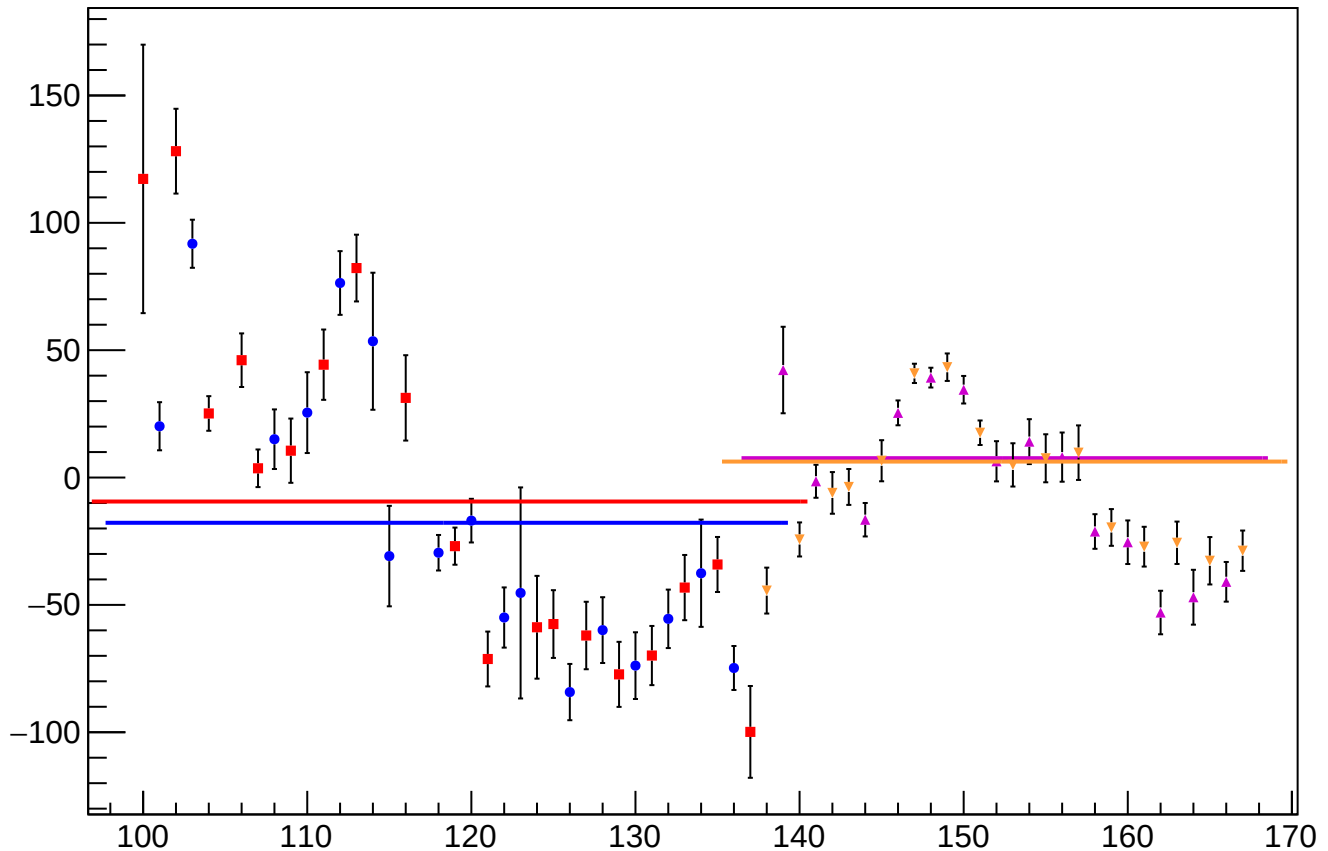
Left In: -445.930 ± 2.626 χ^2/NDF : 682.4/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -442.396 ± 1.818 χ^2/NDF : 1424.8/29

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: 6.269 ± 1.706 χ^2/NDF : 276.1/15

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

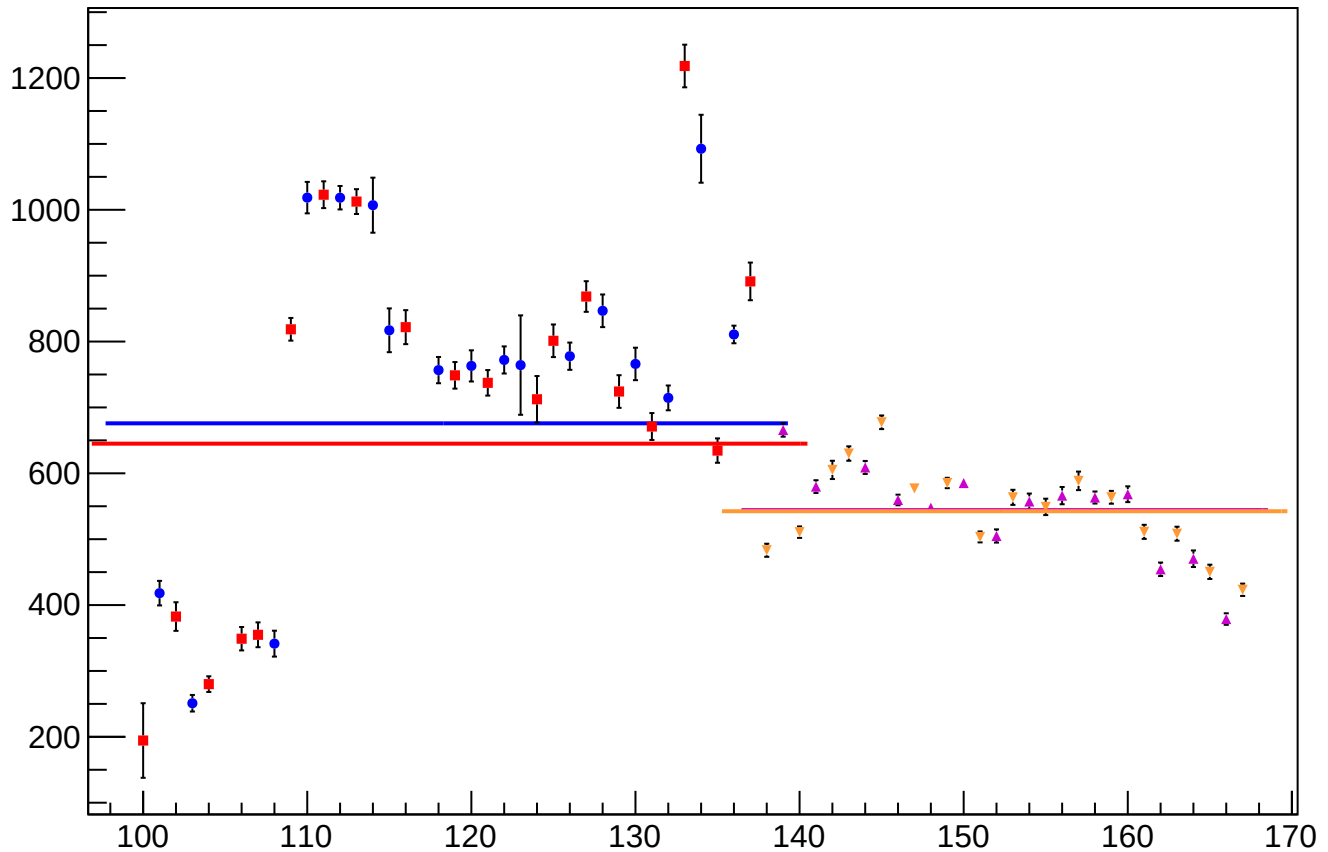
Left In: 7.602 ± 1.806 χ^2/NDF : 272.2/13

+ sign -0.299 ± 1.454 χ^2/NDF : 694.2/32

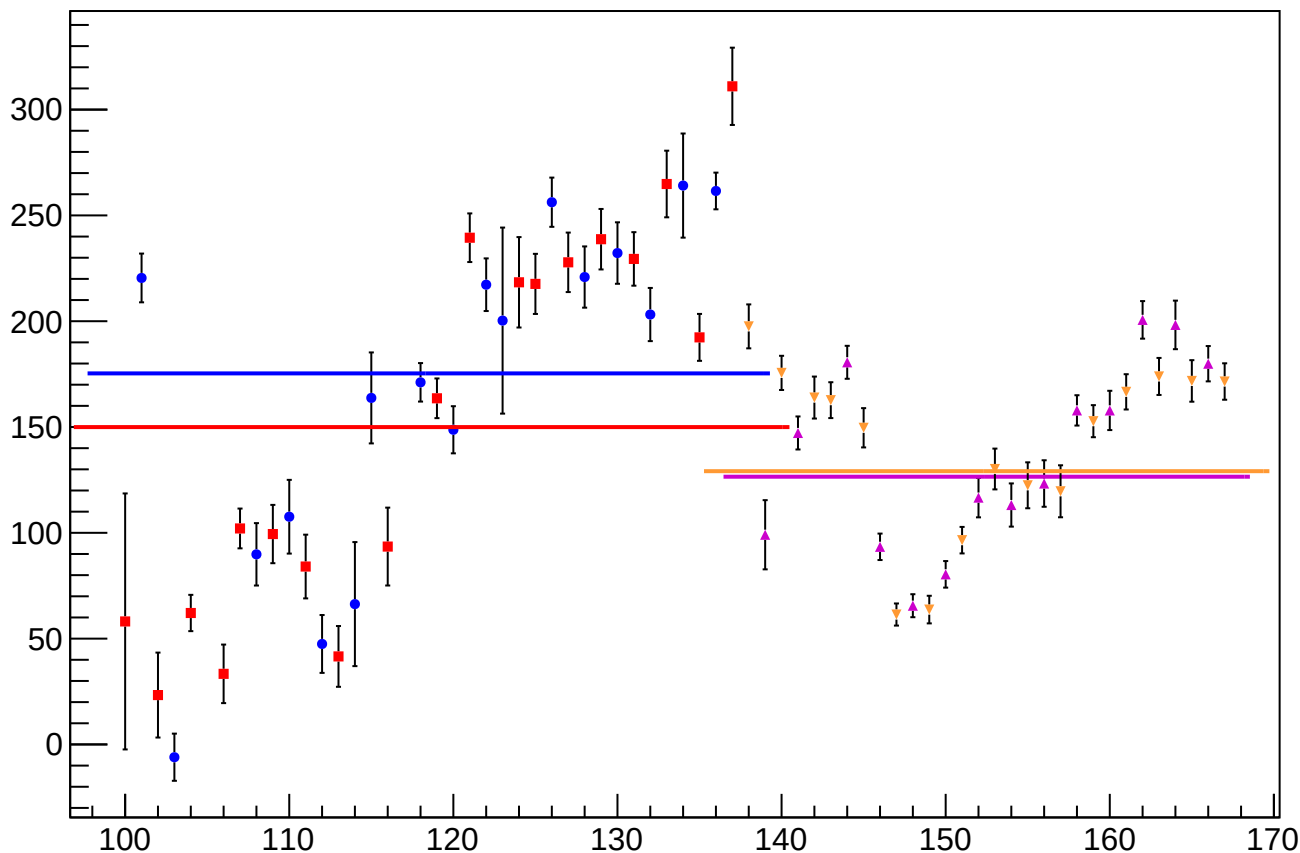
All: 0.876 ± 1.039 χ^2/NDF : 1366.0/65

- sign 2.103 ± 1.485 χ^2/NDF : 670.5/32

reg_asym_atr2_diff_bpm4eX_slope vs Slug



reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 129.131 $\pm$ 2.039 χ^2 /NDF:505.2/15

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

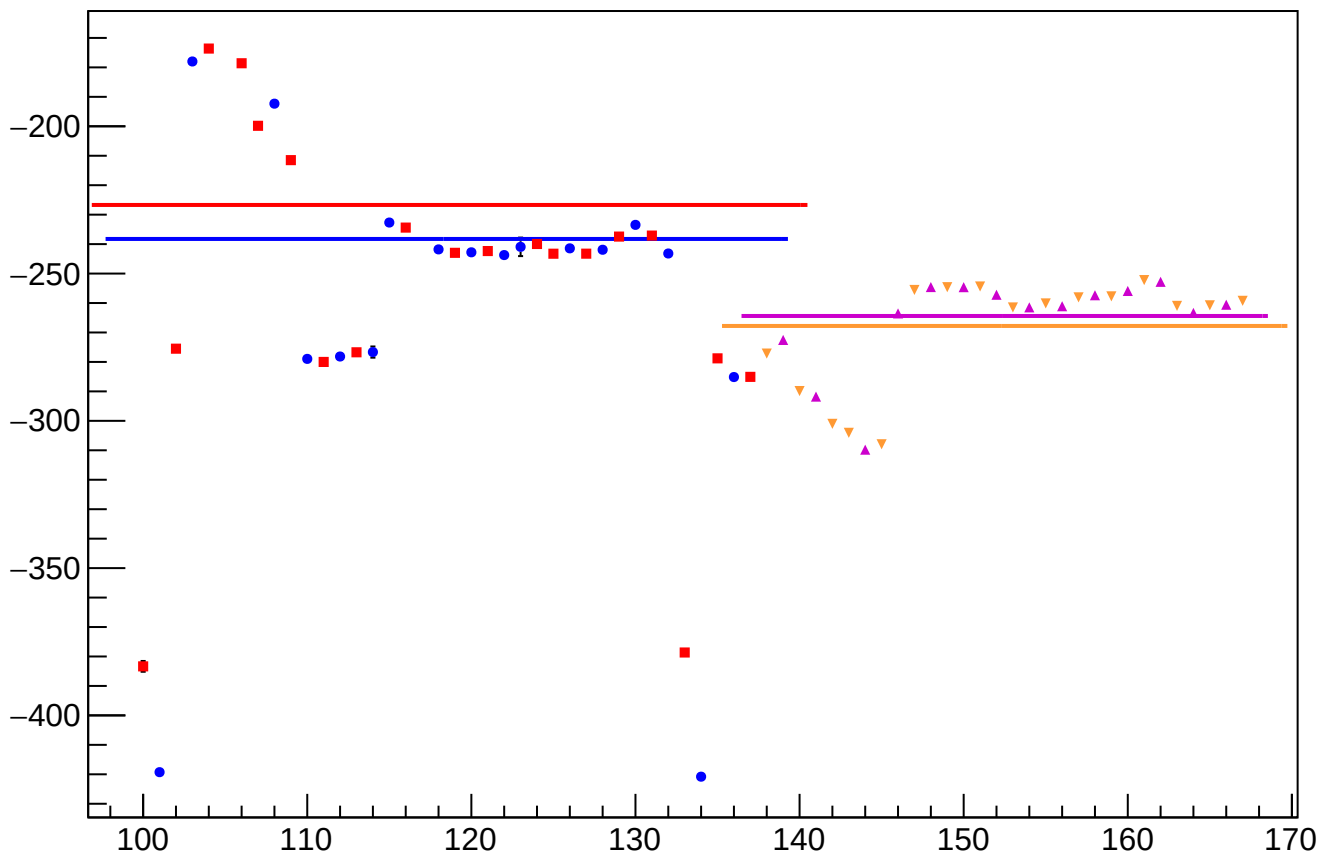
Left In: 126.520 $\pm$ 2.149 χ^2 /NDF:449.2/13

+ sign 142.458 $\pm$ 1.720 χ^2 /NDF: 1291.8/32

All: 138.469 $\pm$ 1.229 χ^2 /NDF: 2484.7/65

- sign 134.313 $\pm$ 1.756 χ^2 /NDF: 1182.0/32

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 $\pm$ 0.160 χ^2 /NDF: 167125.9/16

Left Out: -267.786 $\pm$ 0.100 χ^2 /NDF: 32368.6/15

Right Out: -226.706 $\pm$ 0.151 χ^2 /NDF: 102831.3/18

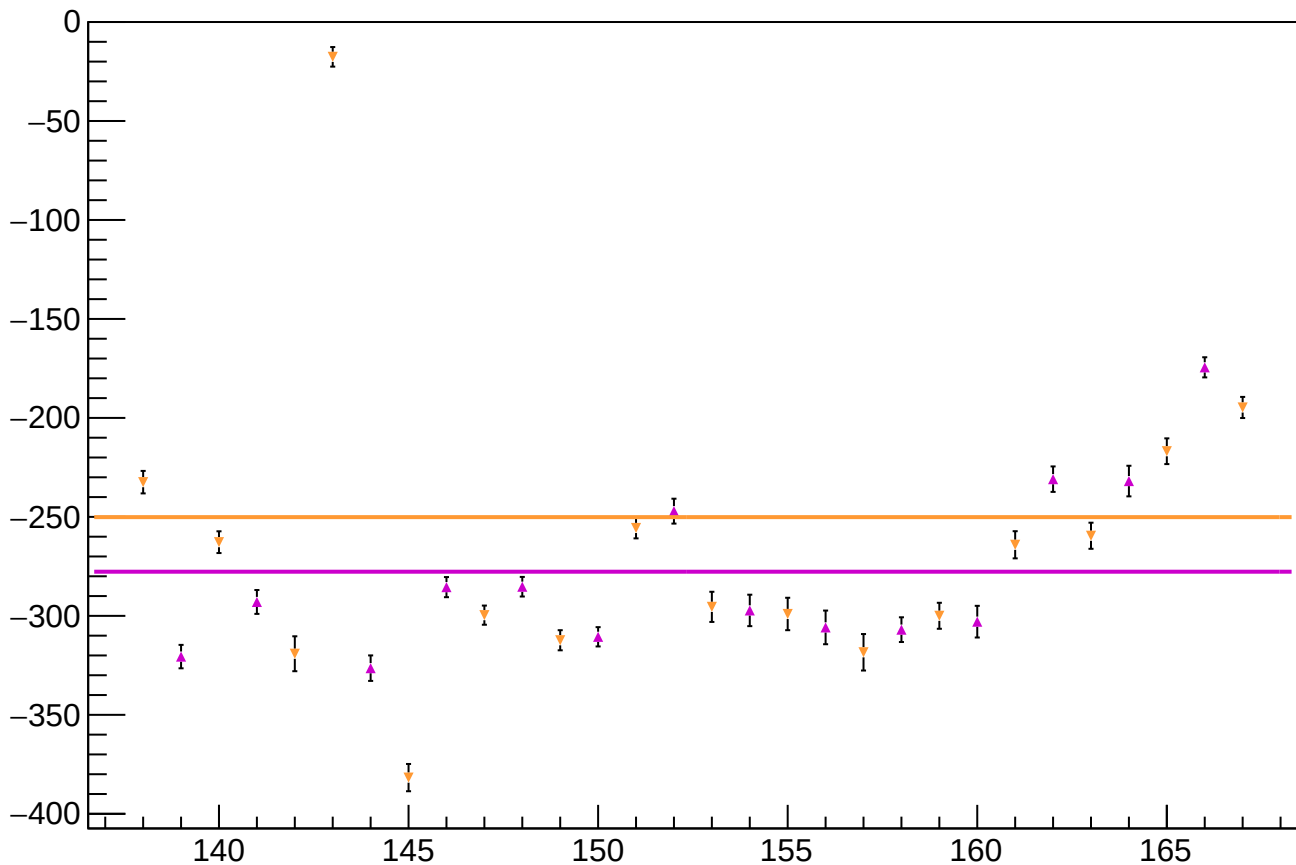
Left In: -264.397 $\pm$ 0.103 χ^2 /NDF: 20565.3/13

+ sign -259.461 $\pm$ 0.085 χ^2 /NDF: 223994.7/32

All: -255.957 $\pm$ 0.060 χ^2 /NDF: 393280.4/65

- sign -252.433 $\pm$ 0.085 χ^2 /NDF: 165869.0/32

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -250.124+/-1.531 χ^2/NDF : 3230.1/15

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

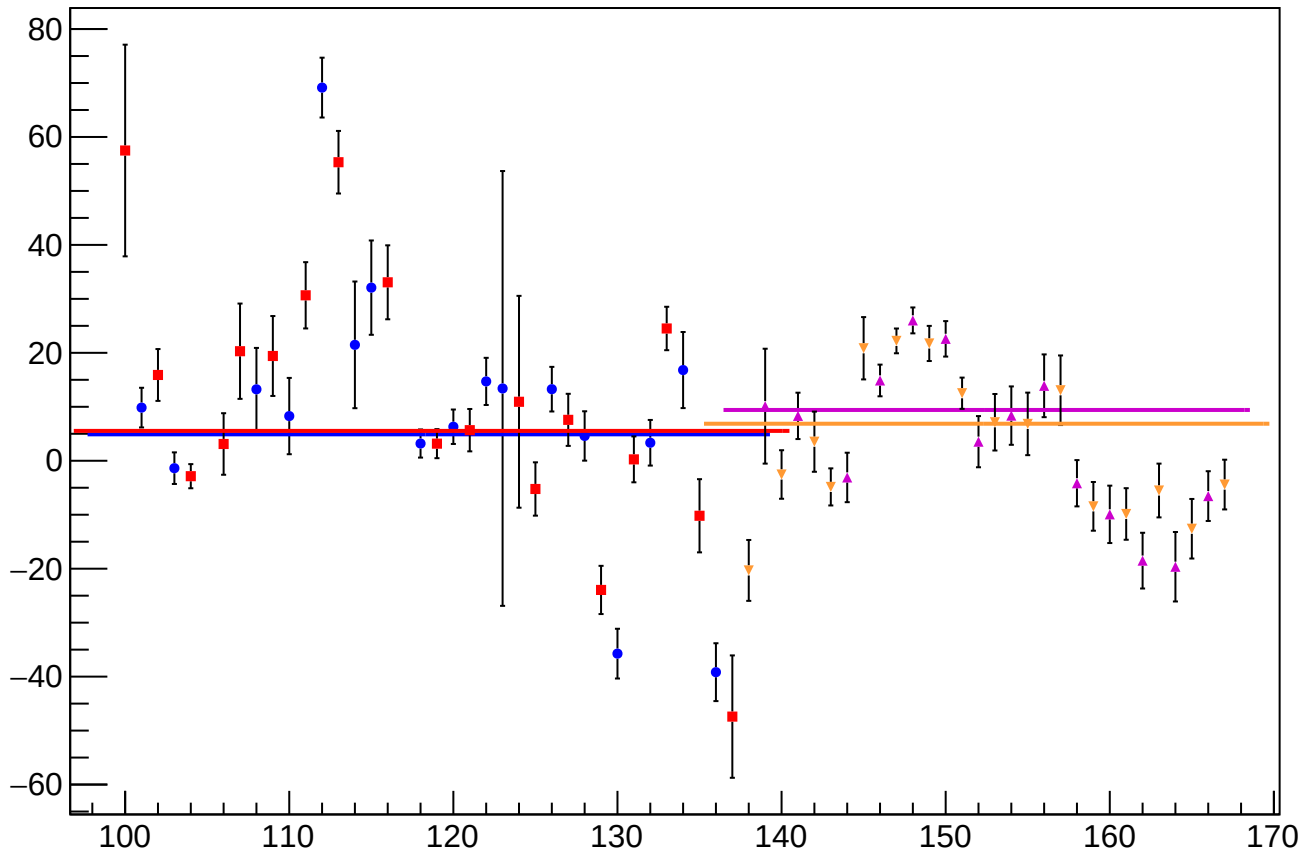
Left In: -277.692+/-1.628 χ^2/NDF : 738.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.065+/-1.115 χ^2/NDF : 4121.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 ± 1.089 $\chi^2/\text{NDF}: 312.0/16$

Left Out: 6.863 ± 1.034 $\chi^2/\text{NDF}: 164.1/15$

Right Out: 5.534 ± 1.071 $\chi^2/\text{NDF}: 239.1/18$

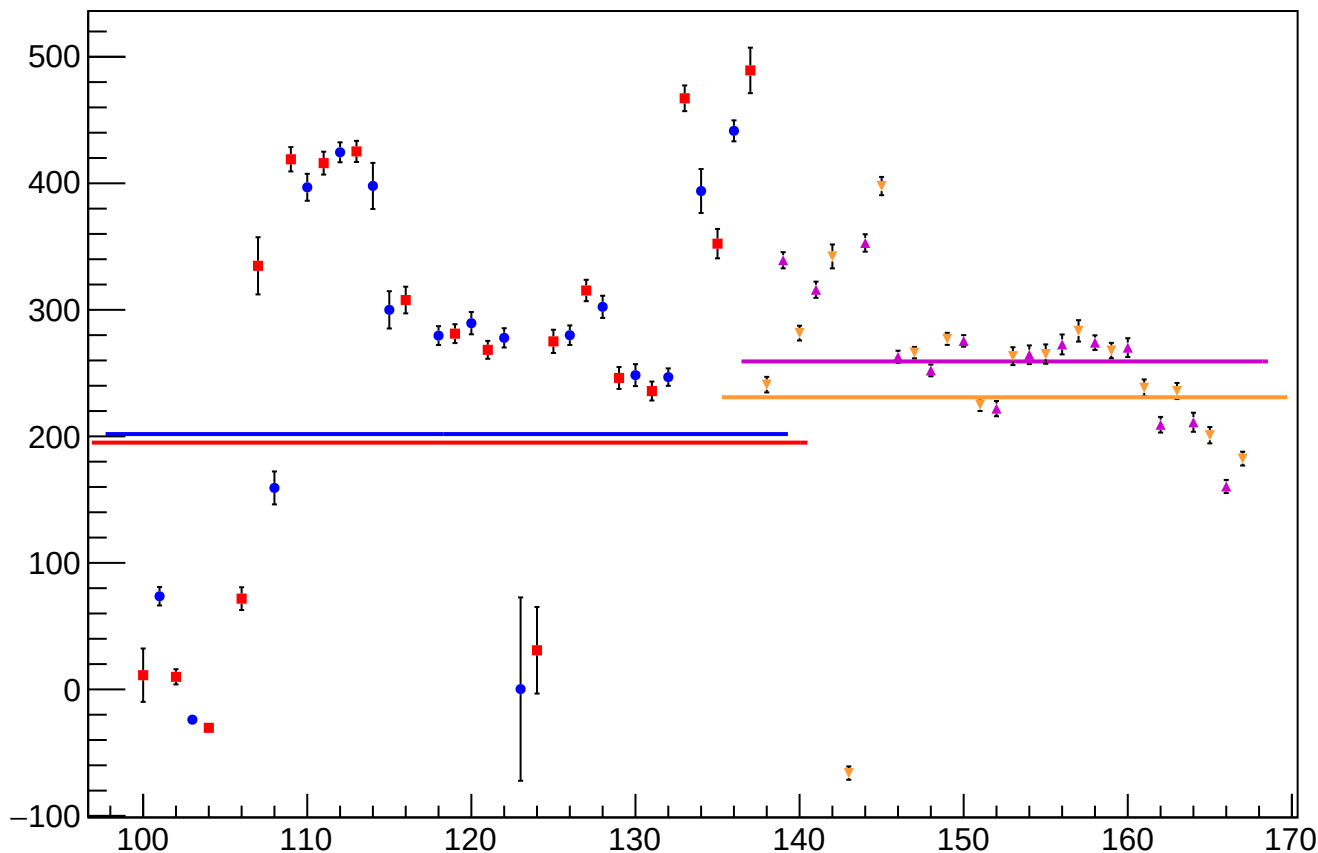
Left In: 9.413 ± 1.118 $\chi^2/\text{NDF}: 161.9/13$

+ sign 5.930 ± 0.750 $\chi^2/\text{NDF}: 477.8/32$

All: 6.637 ± 0.538 $\chi^2/\text{NDF}: 886.9/65$

- sign 7.390 ± 0.774 $\chi^2/\text{NDF}: 407.3/32$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 230.902 $\pm$ 1.510 χ^2 /NDF: 4291.3/15

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

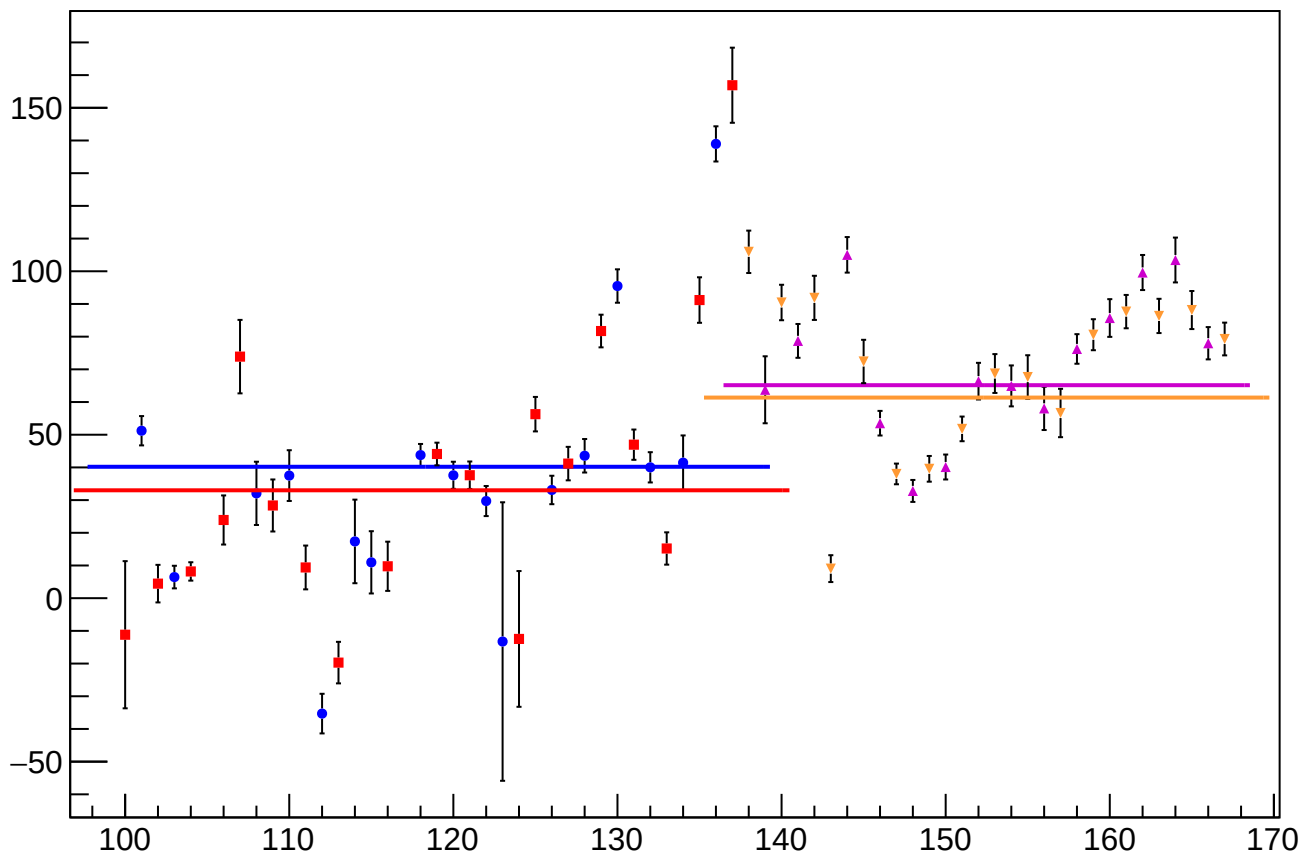
Left In: 259.221 $\pm$ 1.586 χ^2 /NDF: 954.7/13

+ sign 220.137 $\pm$ 1.199 χ^2 /NDF: 11182.9/32

All: 226.570 $\pm$ 0.856 χ^2 /NDF: 21115.7/65

- sign 233.275 $\pm$ 1.224 χ^2 /NDF: 9874.0/32

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF : 735.0/16

Left Out: 61.364+/-1.236 χ^2/NDF : 455.5/15

Right Out: 32.999+/-1.253 χ^2/NDF : 554.1/18

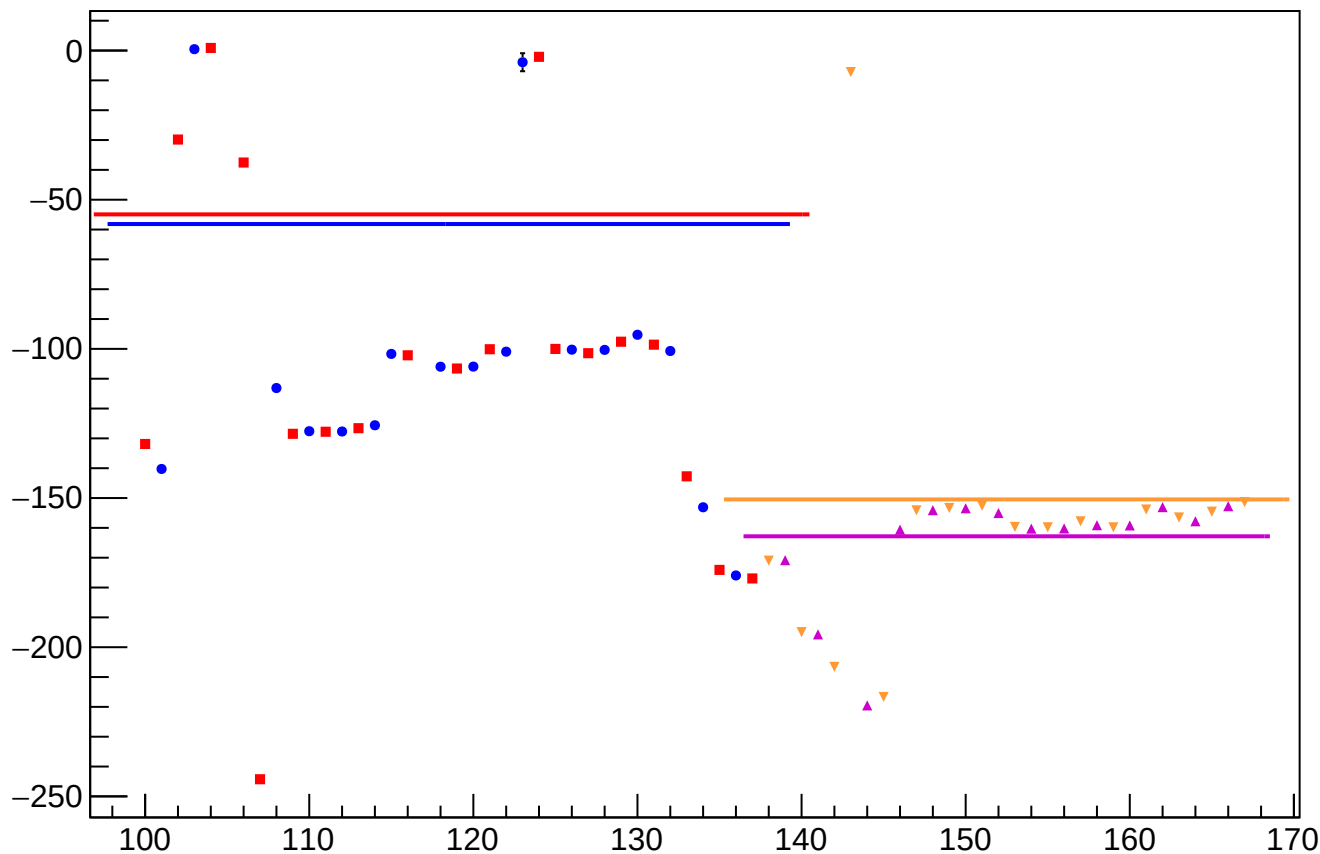
Left In: 65.152+/-1.331 χ^2/NDF : 305.0/13

+ sign 51.045+/-0.885 χ^2/NDF : 1333.4/32

All: 49.618+/-0.635 χ^2/NDF : 2507.5/65

- sign 48.103+/-0.912 χ^2/NDF : 1168.7/32

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -150.464 ± 0.061 $\chi^2/\text{NDF}: 579858.5/15$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

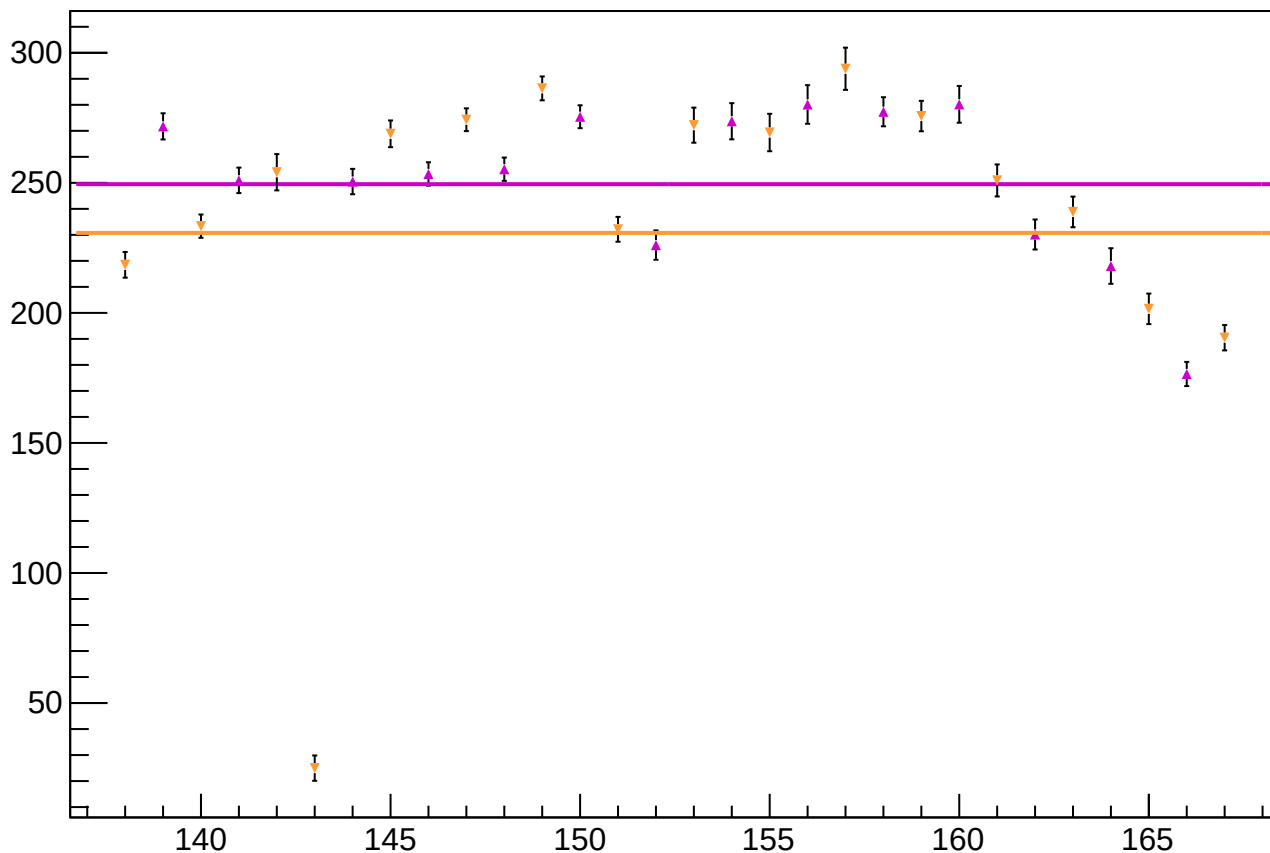
Left In: -162.824 ± 0.064 $\chi^2/\text{NDF}: 62471.8/13$

+ sign -104.885 ± 0.043 $\chi^2/\text{NDF}: 2823138.5/32$

All: -105.346 ± 0.031 $\chi^2/\text{NDF}: 5404367.0/65$

- sign -105.817 ± 0.044 $\chi^2/\text{NDF}: 2580999.5/32$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 230.757+/-1.352 χ^2/NDF : 2395.5/15

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

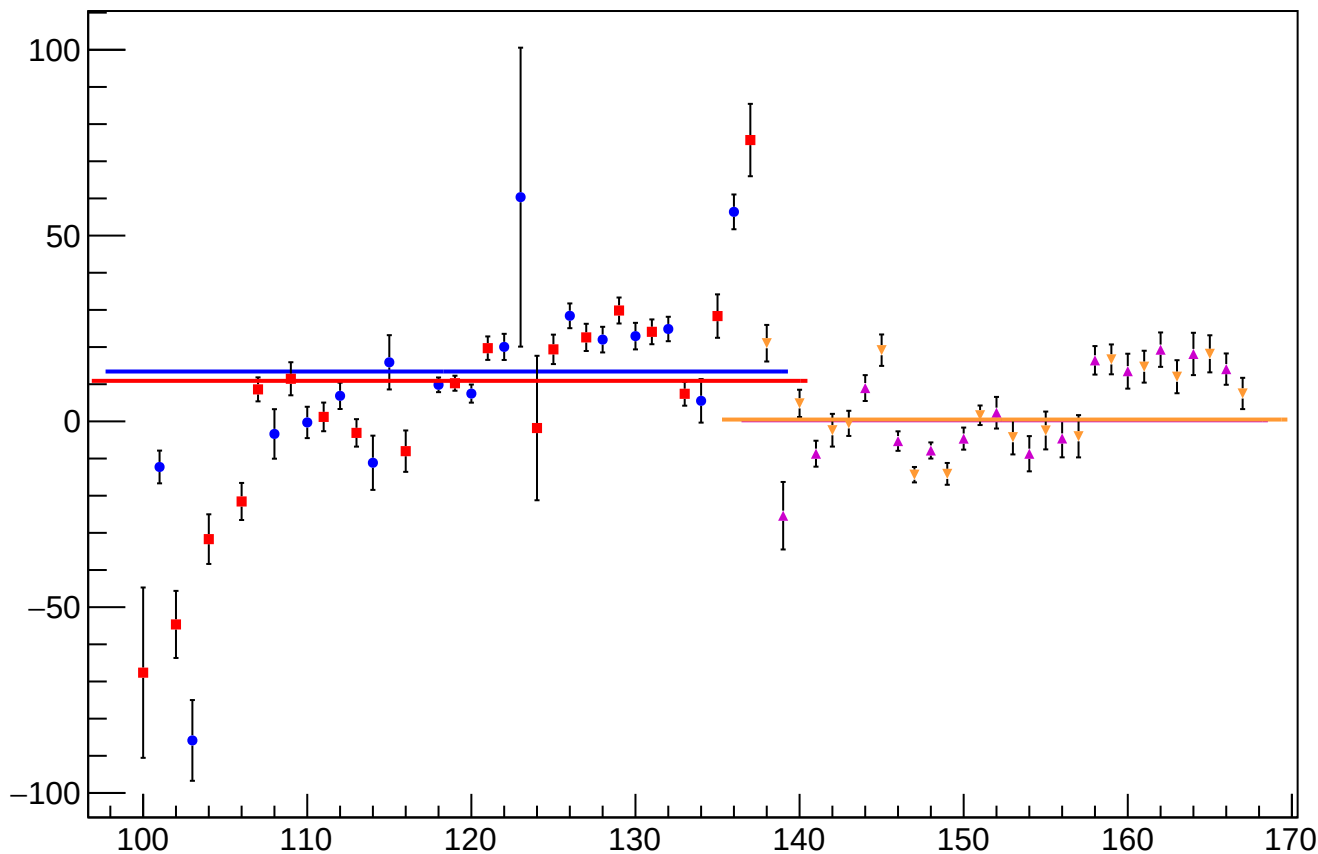
Left In: 249.496+/-1.423 χ^2/NDF : 425.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.648+/-0.980 χ^2/NDF : 2912.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: 0.492+/-0.920 χ^2/NDF : 166.2/15

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

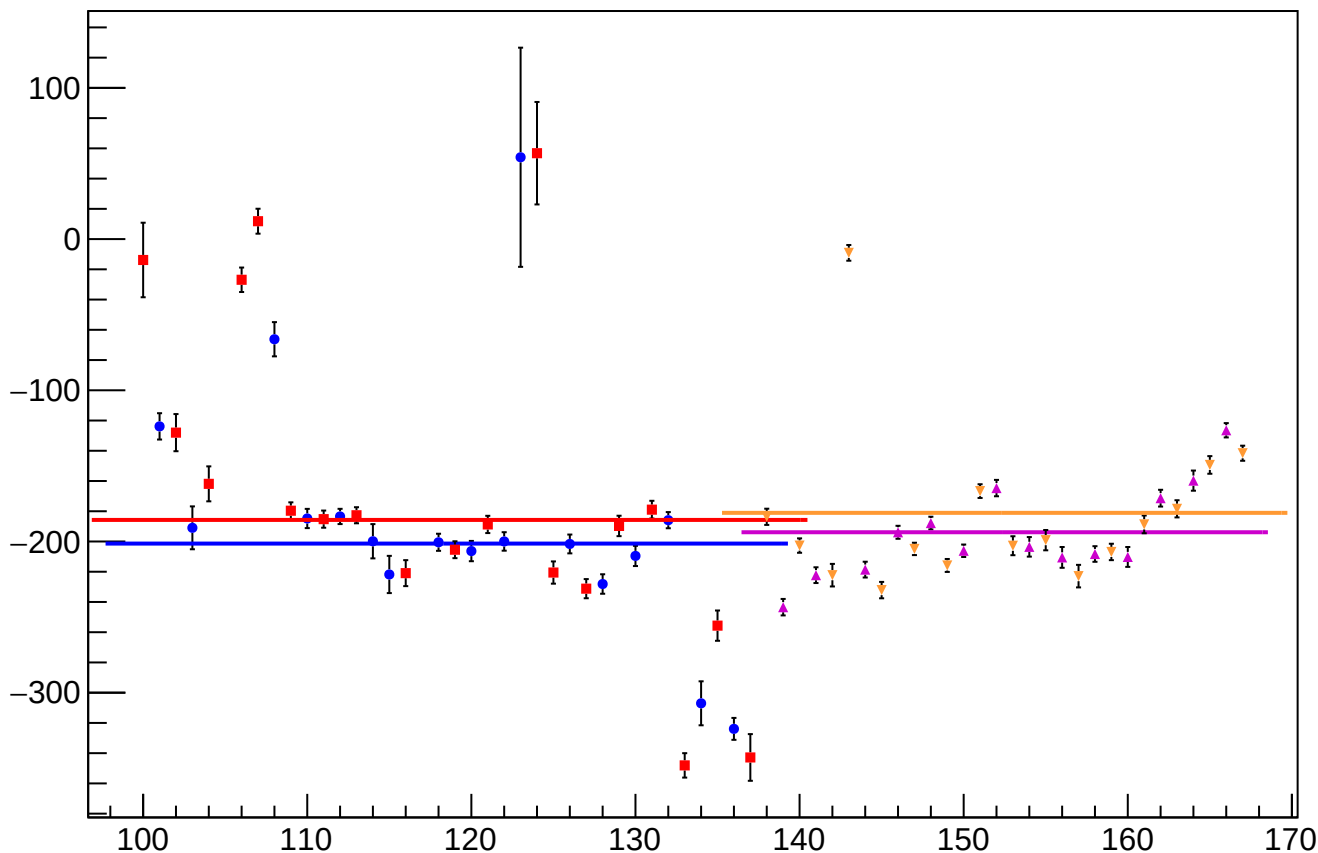
Left In: 0.294+/-0.984 χ^2/NDF : 109.9/13

+ sign 6.960+/-0.650 χ^2/NDF : 560.2/32

All: 6.484+/-0.467 χ^2/NDF : 1036.1/65

- sign 5.979+/-0.670 χ^2/NDF : 474.8/32

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -181.057 ± 1.337 χ^2/NDF : 1511.3/15

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

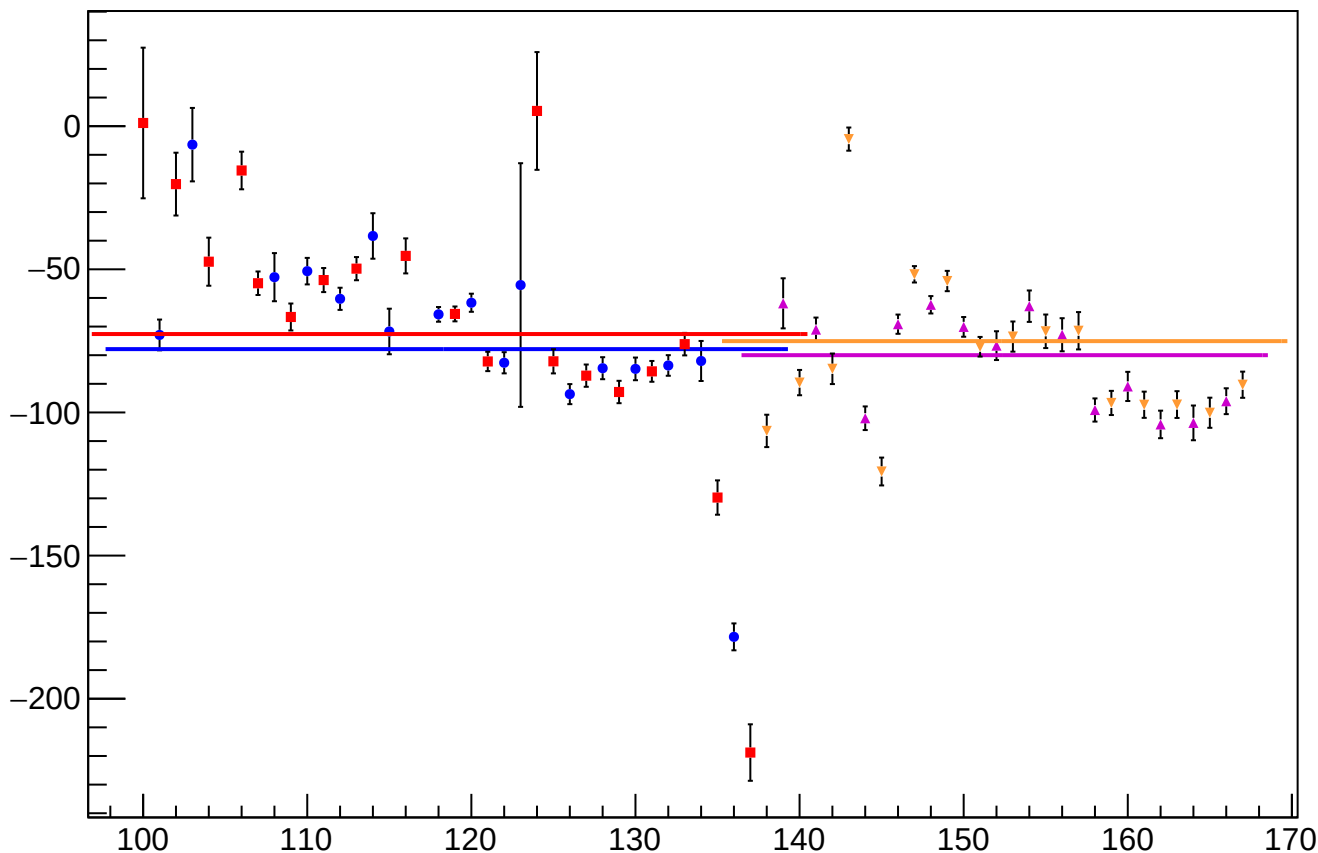
Left In: -193.889 ± 1.391 χ^2/NDF : 442.3/13

+ sign -188.390 ± 1.069 χ^2/NDF : 2218.2/32

All: -189.496 ± 0.759 χ^2/NDF : 4425.7/65

- sign -190.620 ± 1.077 χ^2/NDF : 2205.4/32

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -75.085 ± 1.098 χ^2/NDF : 645.2/15

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

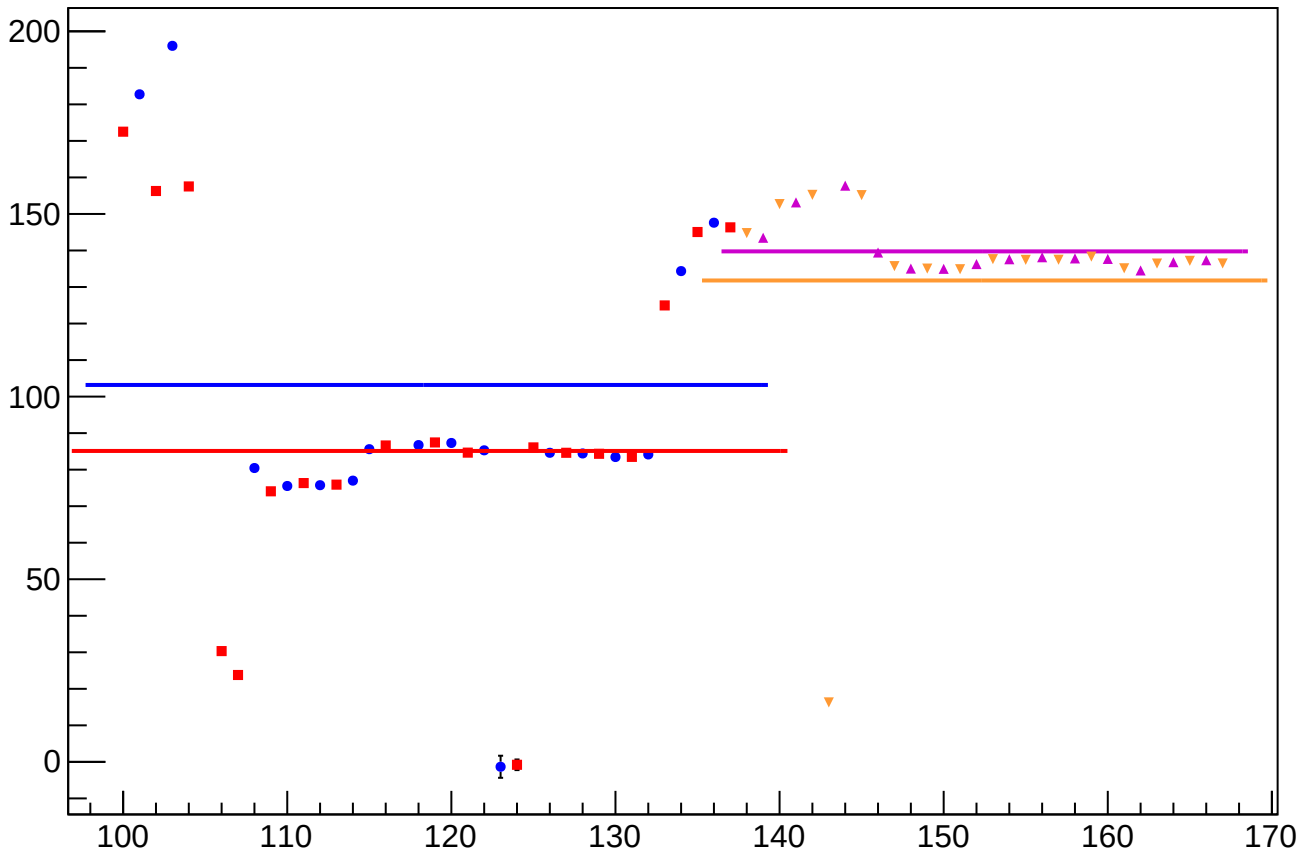
Left In: -79.993 ± 1.169 χ^2/NDF : 181.4/13

+ sign -76.523 ± 0.765 χ^2/NDF : 1306.7/32

All: -76.228 ± 0.547 χ^2/NDF : 2117.3/65

- sign -75.920 ± 0.783 χ^2/NDF : 810.2/32

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 131.790 $\pm$ 0.054 χ^2 /NDF: 346084.6/15

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

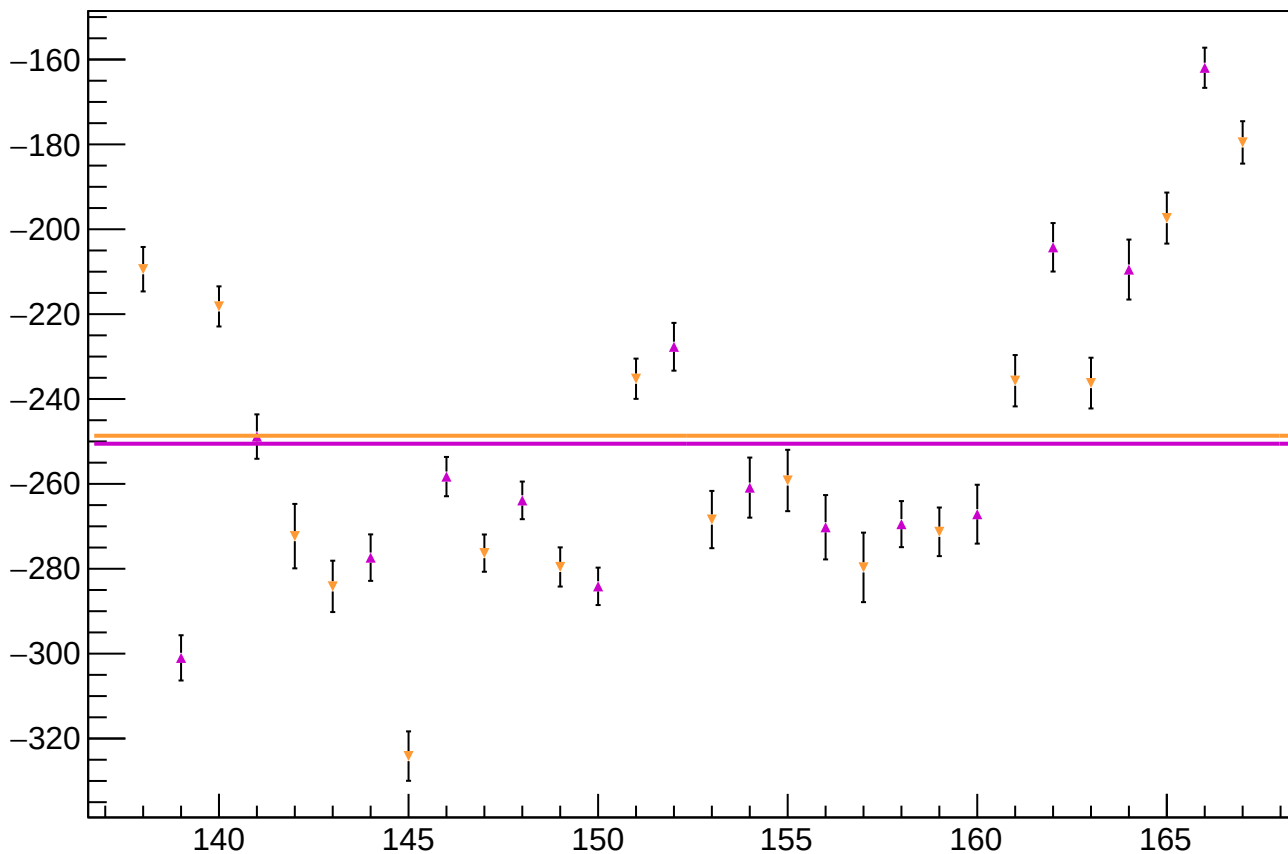
Left In: 139.755 $\pm$ 0.056 χ^2 /NDF: 13466.7/13

+ sign 121.239 $\pm$ 0.043 χ^2 /NDF: 724037.0/32

All: 118.576 $\pm$ 0.030 χ^2 /NDF: 1584093.5/65

- sign 116.000 $\pm$ 0.042 χ^2 /NDF: 852413.6/32

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -248.654+/-1.403 χ^2/NDF : 716.0/15

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

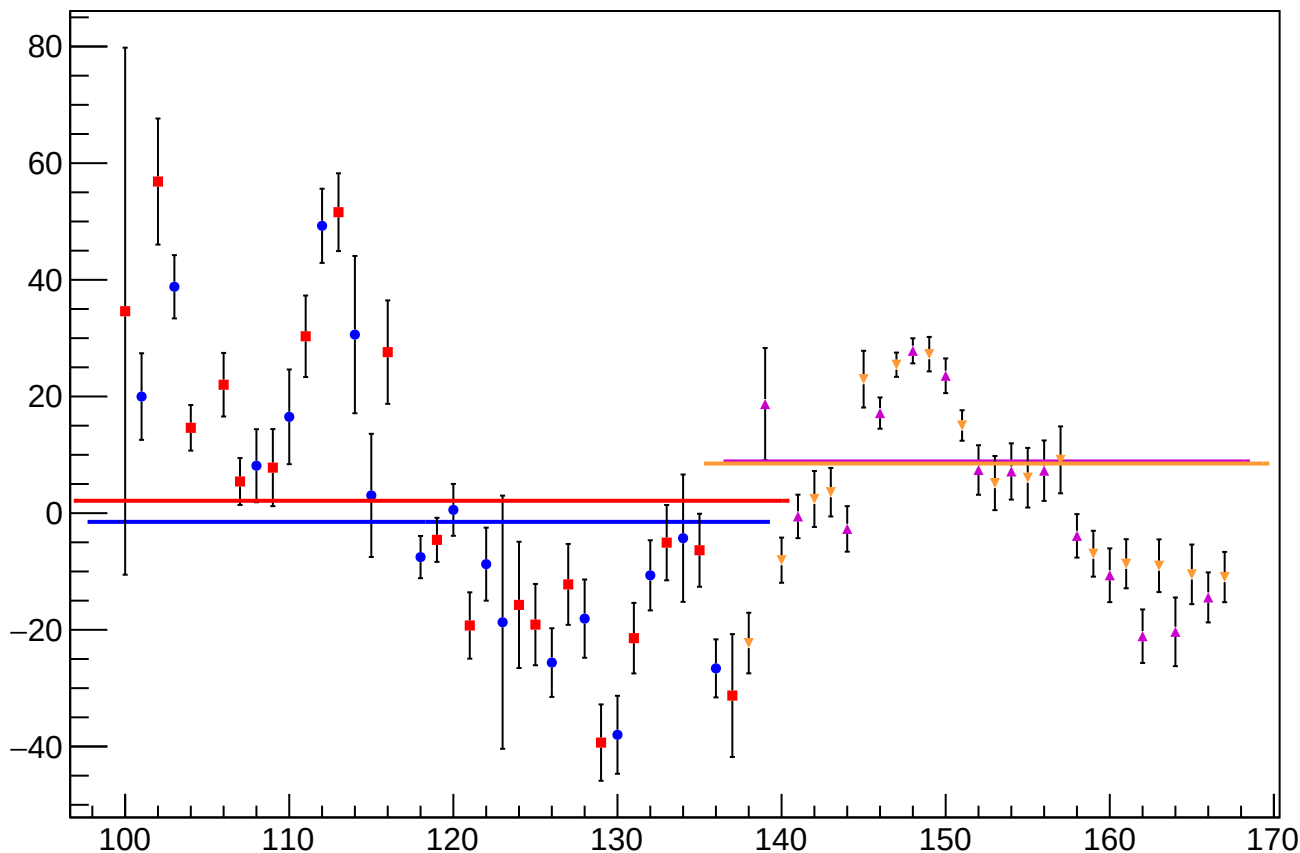
Left In: -250.535+/-1.454 χ^2/NDF : 676.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.561+/-1.010 χ^2/NDF : 1393.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492 ± 1.513 χ^2/NDF : 226.1/16

Left Out: 8.507 ± 0.947 χ^2/NDF : 260.1/15

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

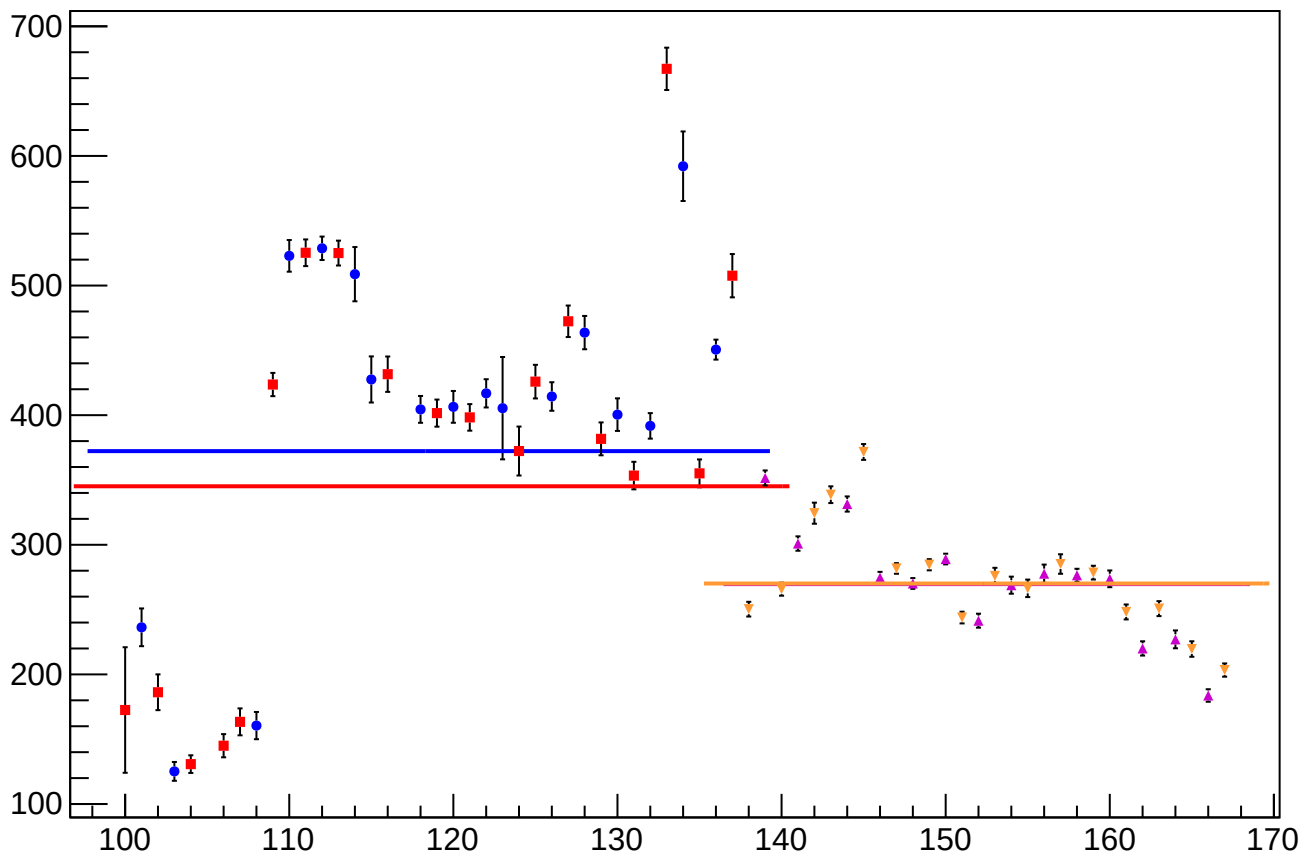
Left In: 8.869 ± 0.999 χ^2/NDF : 254.8/13

+ sign 5.695 ± 0.803 χ^2/NDF : 517.5/32

All: 6.141 ± 0.571 χ^2/NDF : 1020.9/65

- sign 6.600 ± 0.813 χ^2/NDF : 502.7/32

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 ± 2.759 χ^2/NDF : 2433.1/16

Left Out: 270.126 ± 1.380 χ^2/NDF : 774.4/15

Right Out: 345.135 ± 2.562 χ^2/NDF : 3416.5/18

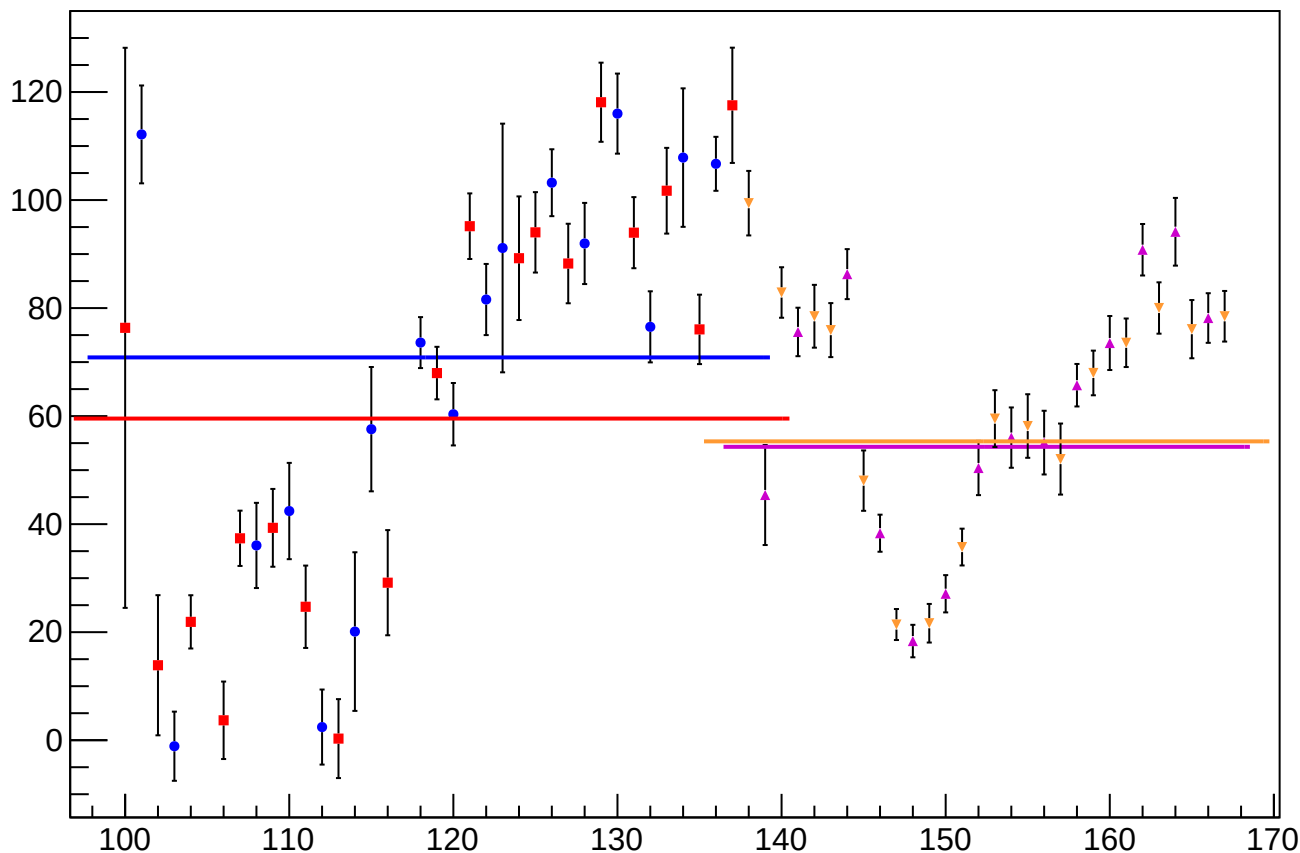
Left In: 269.658 ± 1.417 χ^2/NDF : 835.6/13

+ sign 290.551 ± 1.234 χ^2/NDF : 4303.6/32

All: 288.952 ± 0.875 χ^2/NDF : 9223.6/65

- sign 287.337 ± 1.240 χ^2/NDF : 4916.6/32

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 55.324 $\pm$ 1.131 χ^2 /NDF: 478.4/15

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

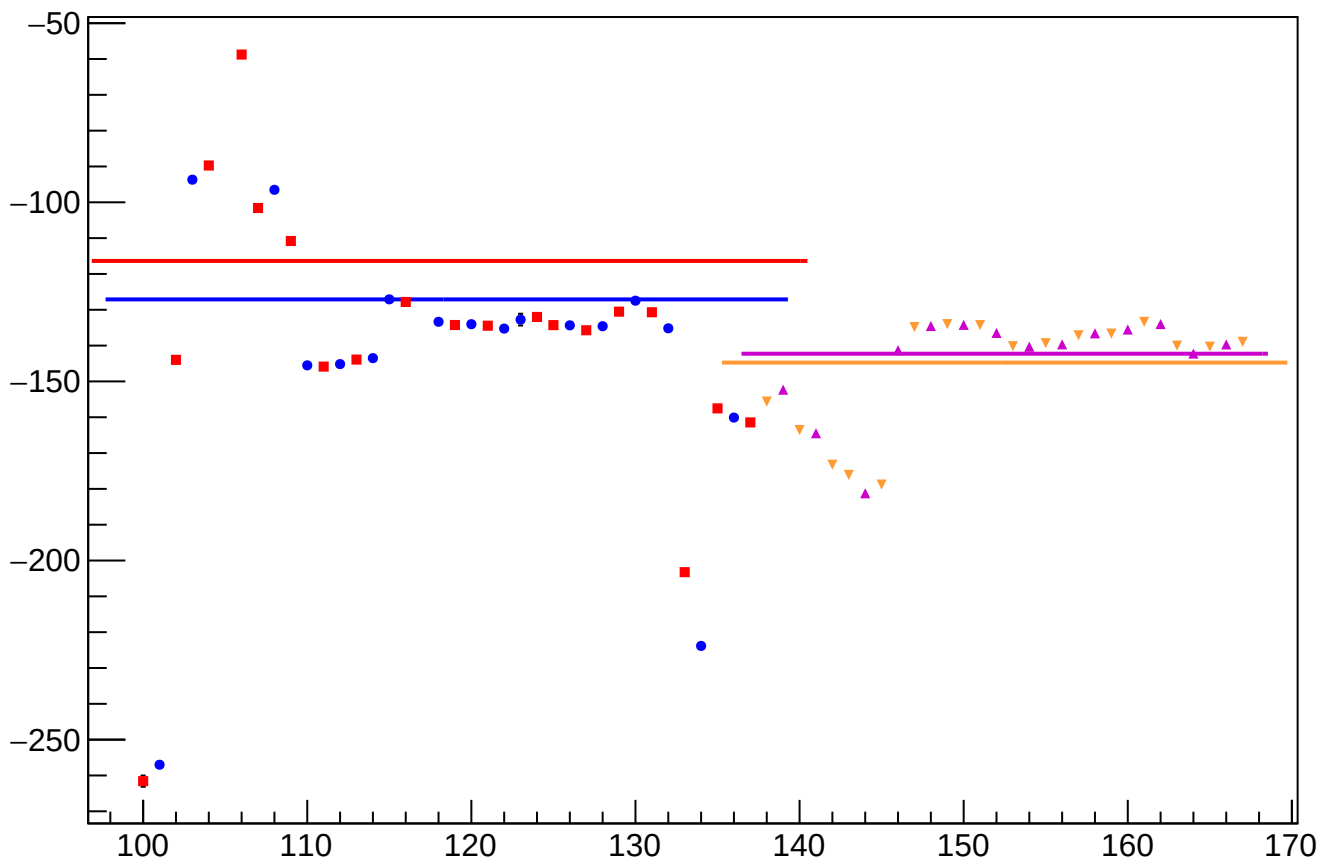
Left In: 54.315 $\pm$ 1.187 χ^2 /NDF: 447.7/13

+ sign 59.930 $\pm$ 0.949 χ^2 /NDF: 961.4/32

All: 58.050 $\pm$ 0.675 χ^2 /NDF: 1914.7/65

- sign 56.124 $\pm$ 0.960 χ^2 /NDF: 945.3/32

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF : 167064.7/16

Left Out: -144.744+/-0.056 χ^2/NDF : 68512.1/15

Right Out: -116.369+/-0.083 χ^2/NDF : 167595.6/18

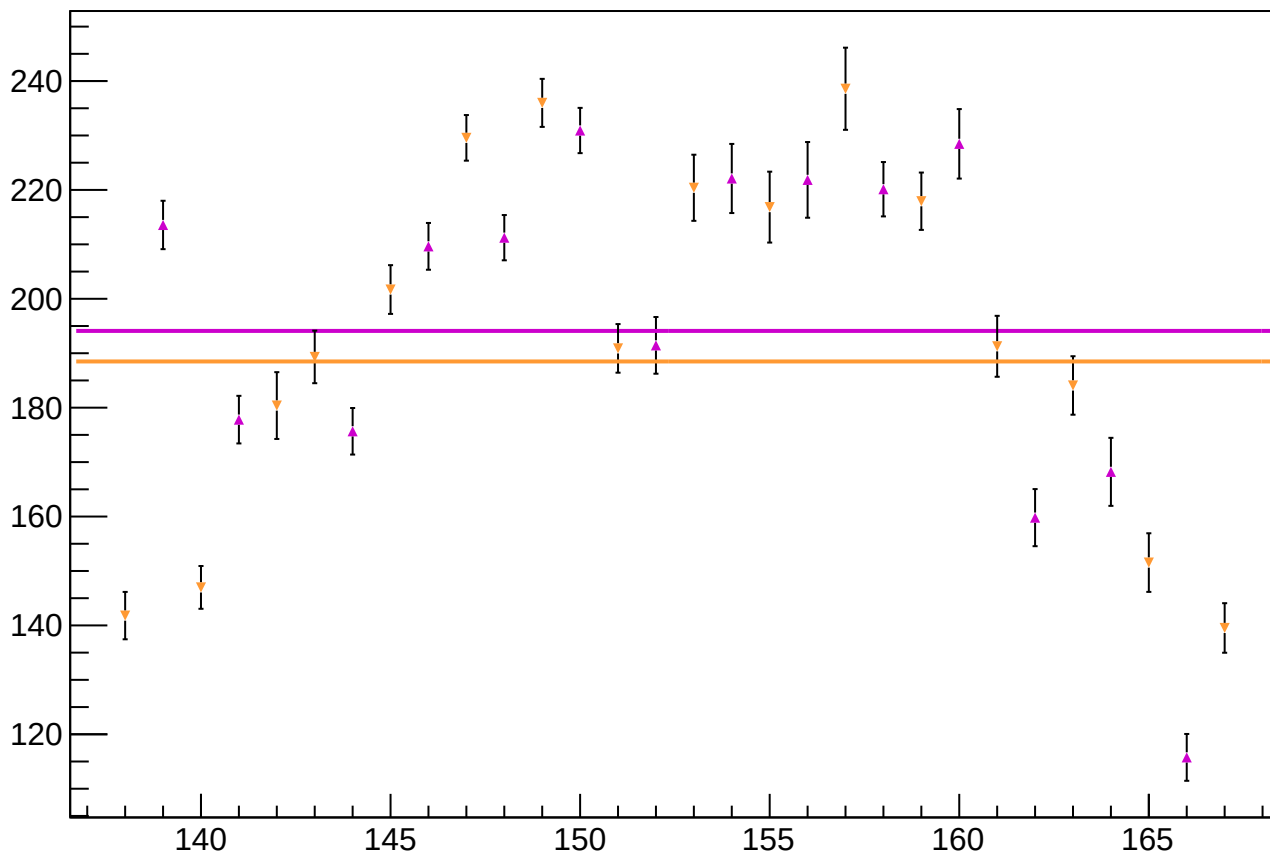
Left In: -142.269+/-0.057 χ^2/NDF : 43611.4/13

+ sign -139.837+/-0.047 χ^2/NDF : 263656.7/32

All: -136.894+/-0.033 χ^2/NDF : 548957.5/65

- sign -133.985+/-0.047 χ^2/NDF : 277557.8/32

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 188.489+/-1.241 χ^2/NDF : 735.0/15

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

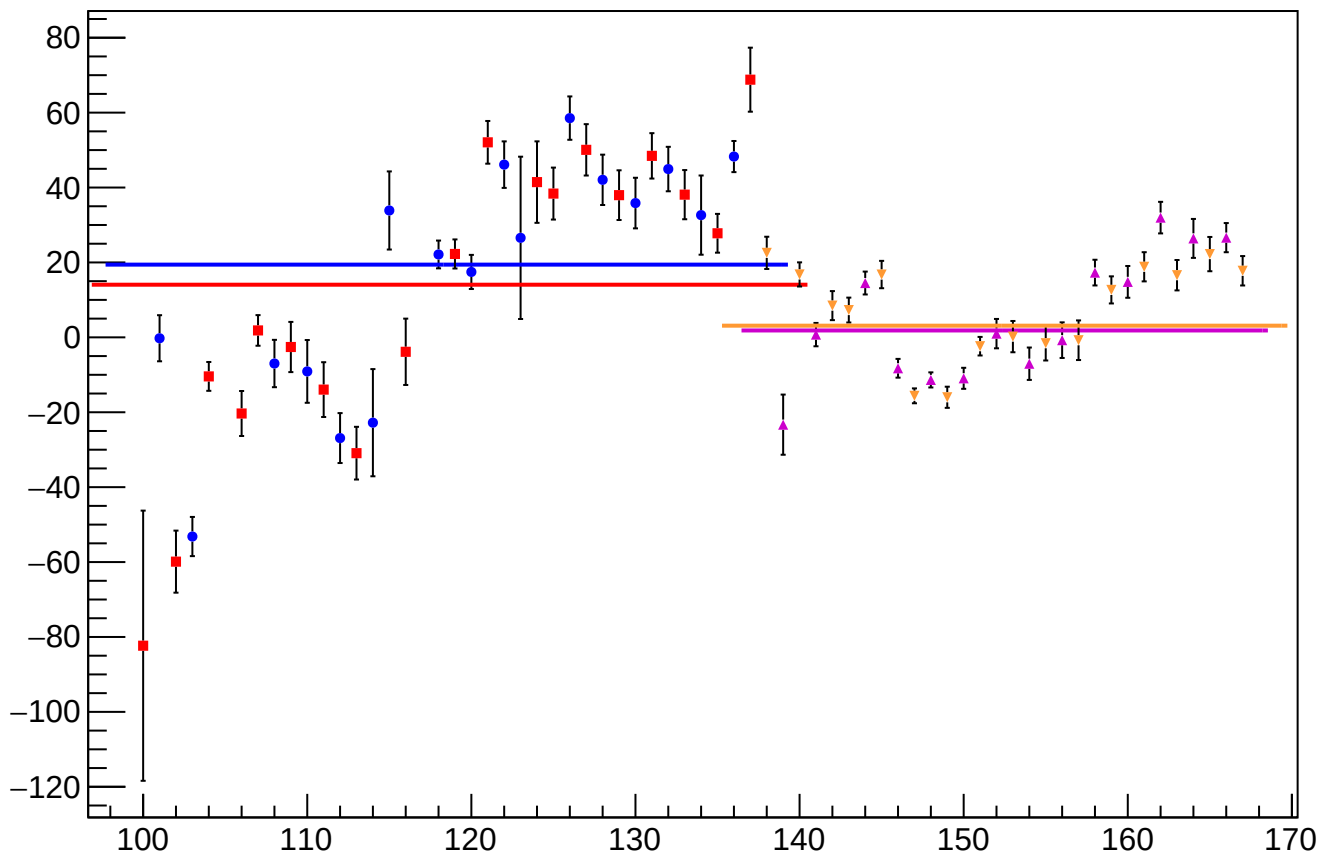
Left In: 194.099+/-1.301 χ^2/NDF : 643.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.162+/-0.898 χ^2/NDF : 1388.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: 3.117 ± 0.851 χ^2/NDF : 263.4/15

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

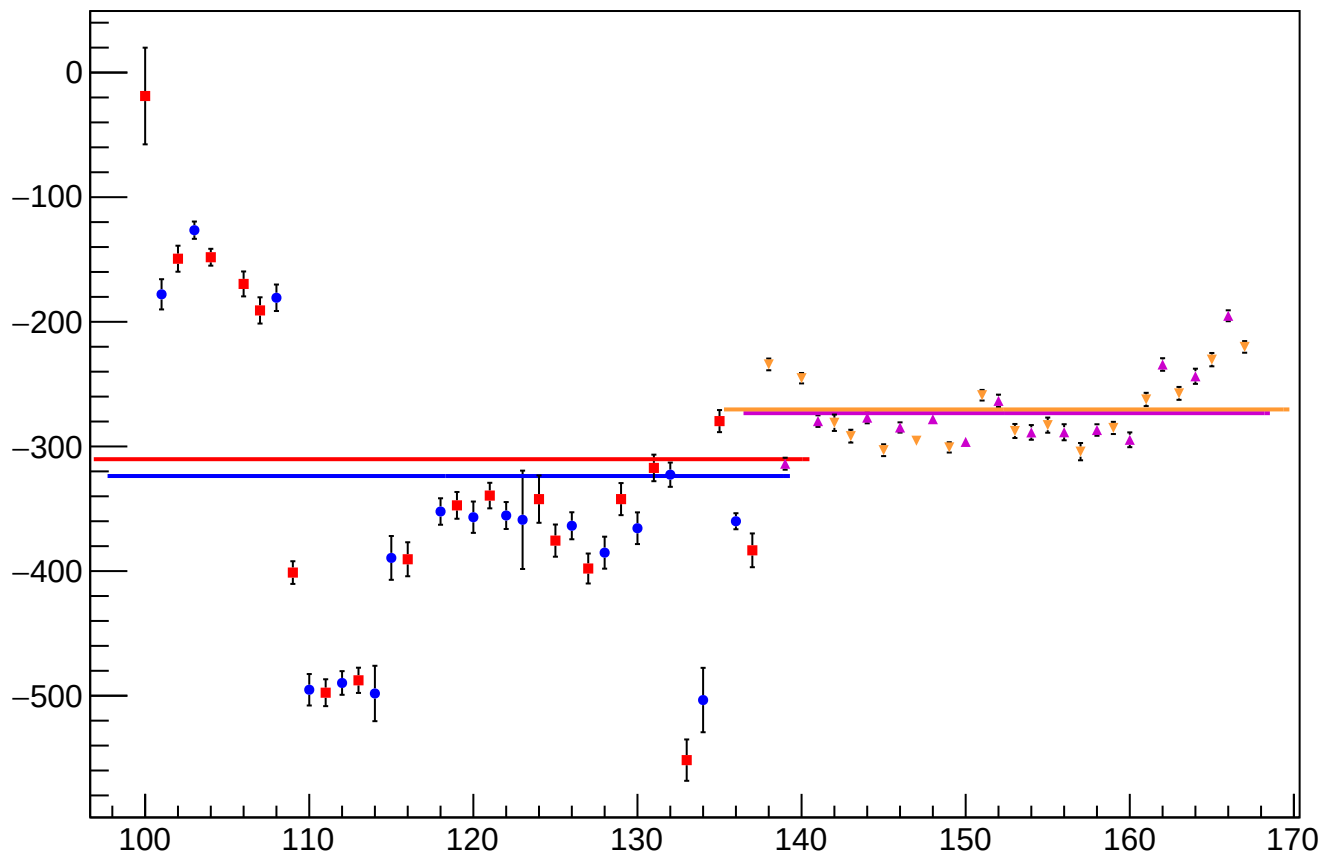
Left In: 1.839 ± 0.905 χ^2/NDF : 255.1/13

+ sign 7.170 ± 0.738 χ^2/NDF : 795.6/32

All: 6.343 ± 0.529 χ^2/NDF : 1544.0/65

- sign 5.469 ± 0.759 χ^2/NDF : 745.8/32

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 $\chi^2/\text{NDF}: 1850.8/16$

Left Out: -270.299 ± 1.230 $\chi^2/\text{NDF}: 491.6/15$

Right Out: -310.223 ± 2.523 $\chi^2/\text{NDF}: 2300.0/18$

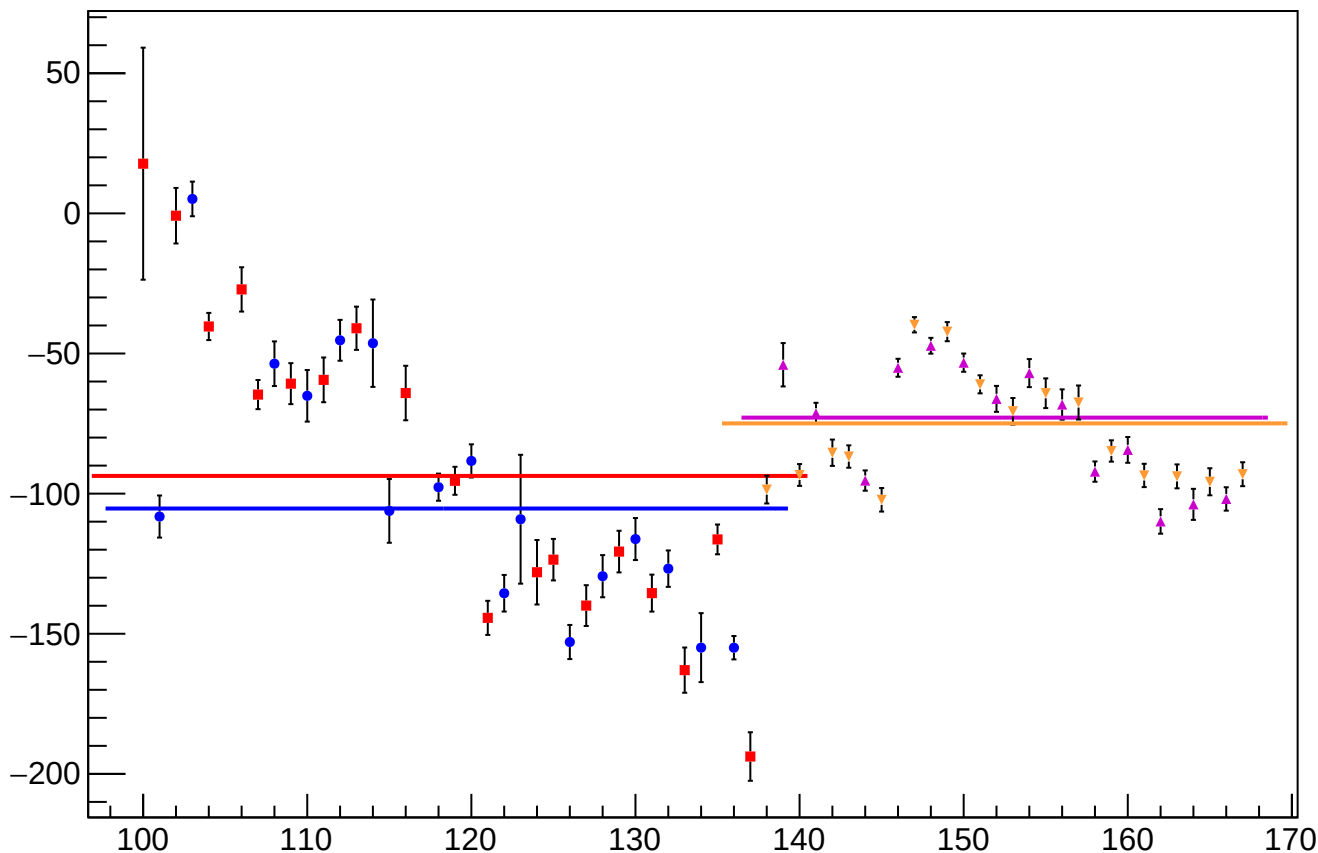
Left In: -273.283 ± 1.275 $\chi^2/\text{NDF}: 557.8/13$

+ sign -279.660 ± 1.117 $\chi^2/\text{NDF}: 2673.1/32$

All: -280.218 ± 0.797 $\chi^2/\text{NDF}: 5702.1/65$

- sign -280.797 ± 1.138 $\chi^2/\text{NDF}: 3028.5/32$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 $\chi^2/\text{NDF}: 737.5/16$

Left Out: -74.937 ± 1.013 $\chi^2/\text{NDF}: 466.2/15$

Right Out: -93.680 ± 1.612 $\chi^2/\text{NDF}: 826.5/18$

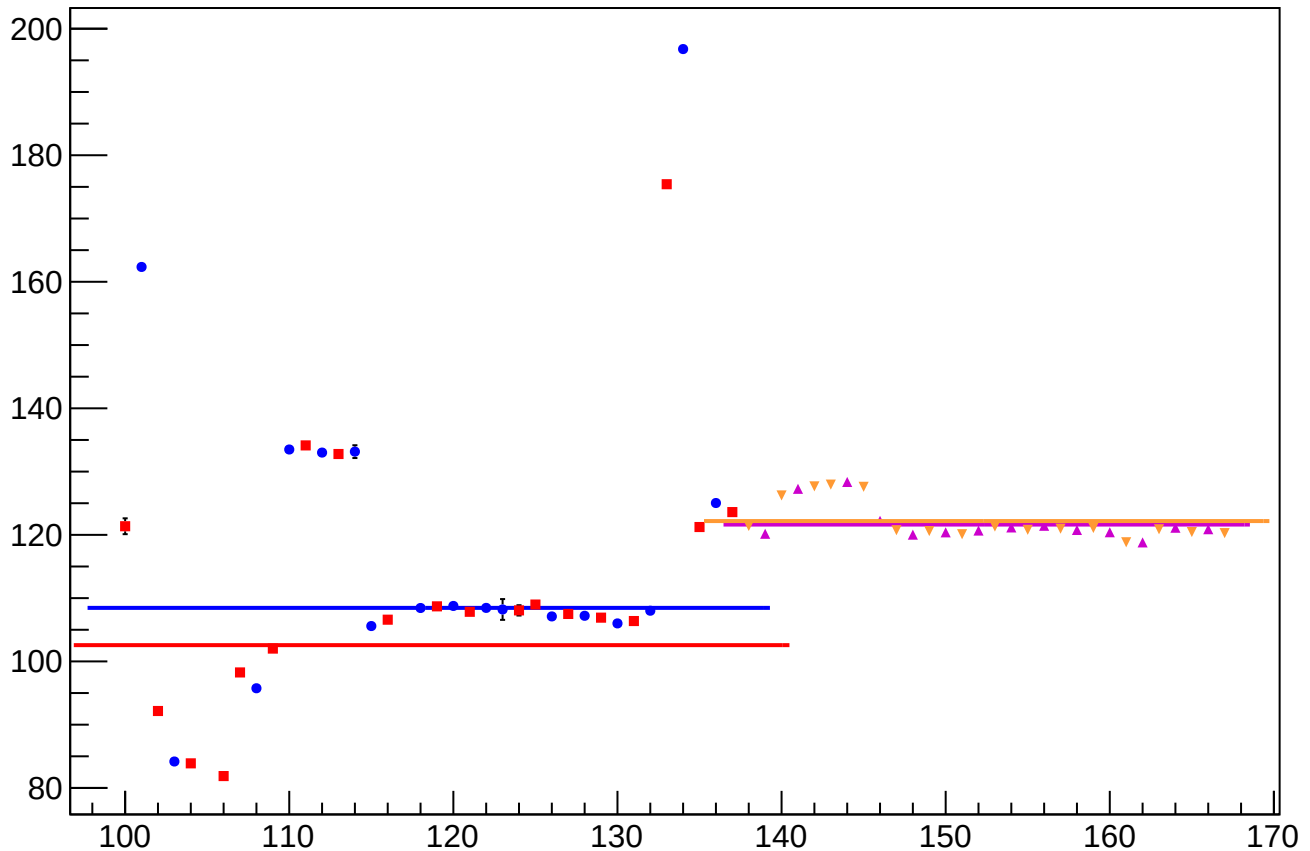
Left In: -72.879 ± 1.073 $\chi^2/\text{NDF}: 393.0/13$

+ sign -82.944 ± 0.869 $\chi^2/\text{NDF}: 1440.6/32$

All: -81.157 ± 0.623 $\chi^2/\text{NDF}: 2784.2/65$

- sign -79.271 ± 0.893 $\chi^2/\text{NDF}: 1334.9/32$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF : 73302.1/16

Left Out: 122.180+/-0.049 χ^2/NDF : 3437.4/15

Right Out: 102.570+/-0.079 χ^2/NDF : 53143.8/18

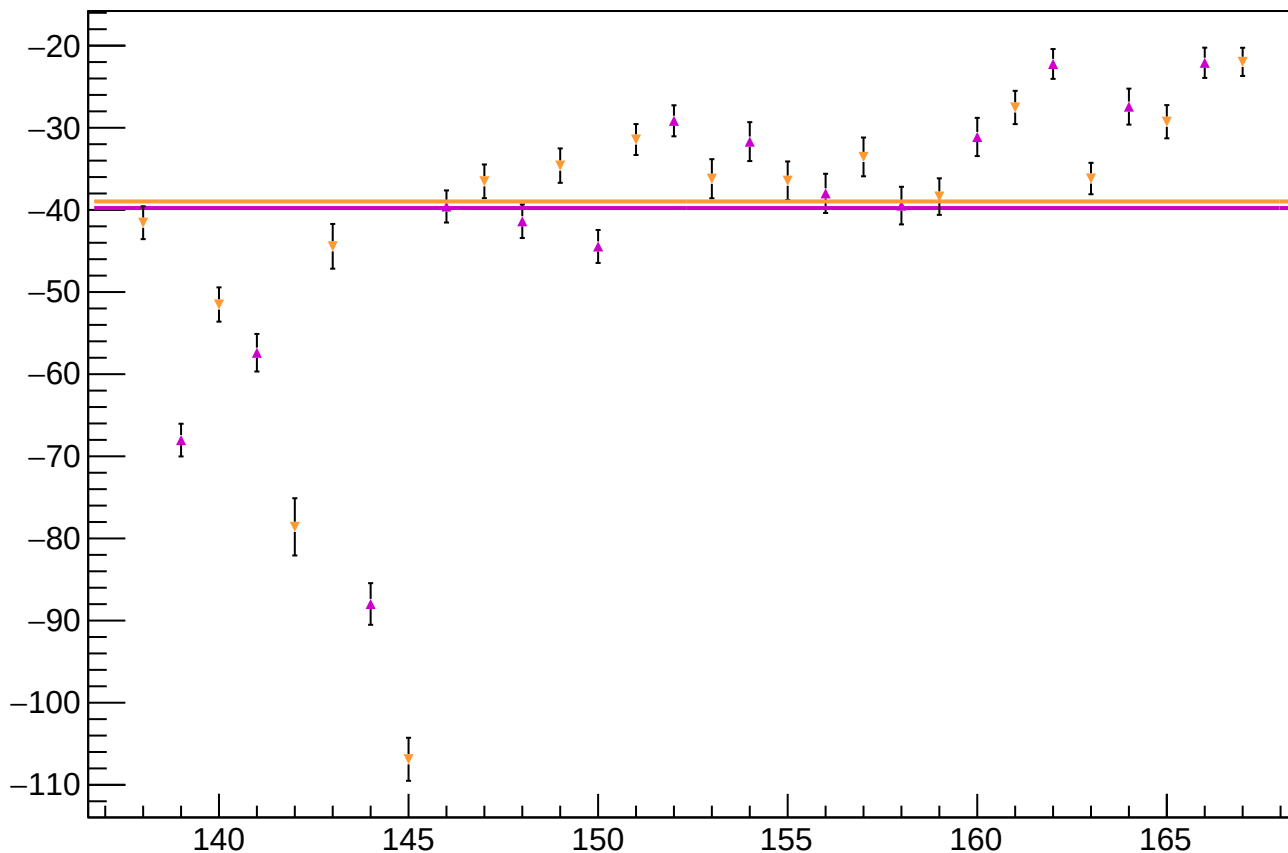
Left In: 121.628+/-0.051 χ^2/NDF : 2572.8/13

+ sign 118.701+/-0.043 χ^2/NDF : 96312.8/32

All: 117.385+/-0.030 χ^2/NDF : 194633.3/65

- sign 116.050+/-0.043 χ^2/NDF : 96405.5/32

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -38.969+/-0.540 χ^2/NDF :1028.1/15

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

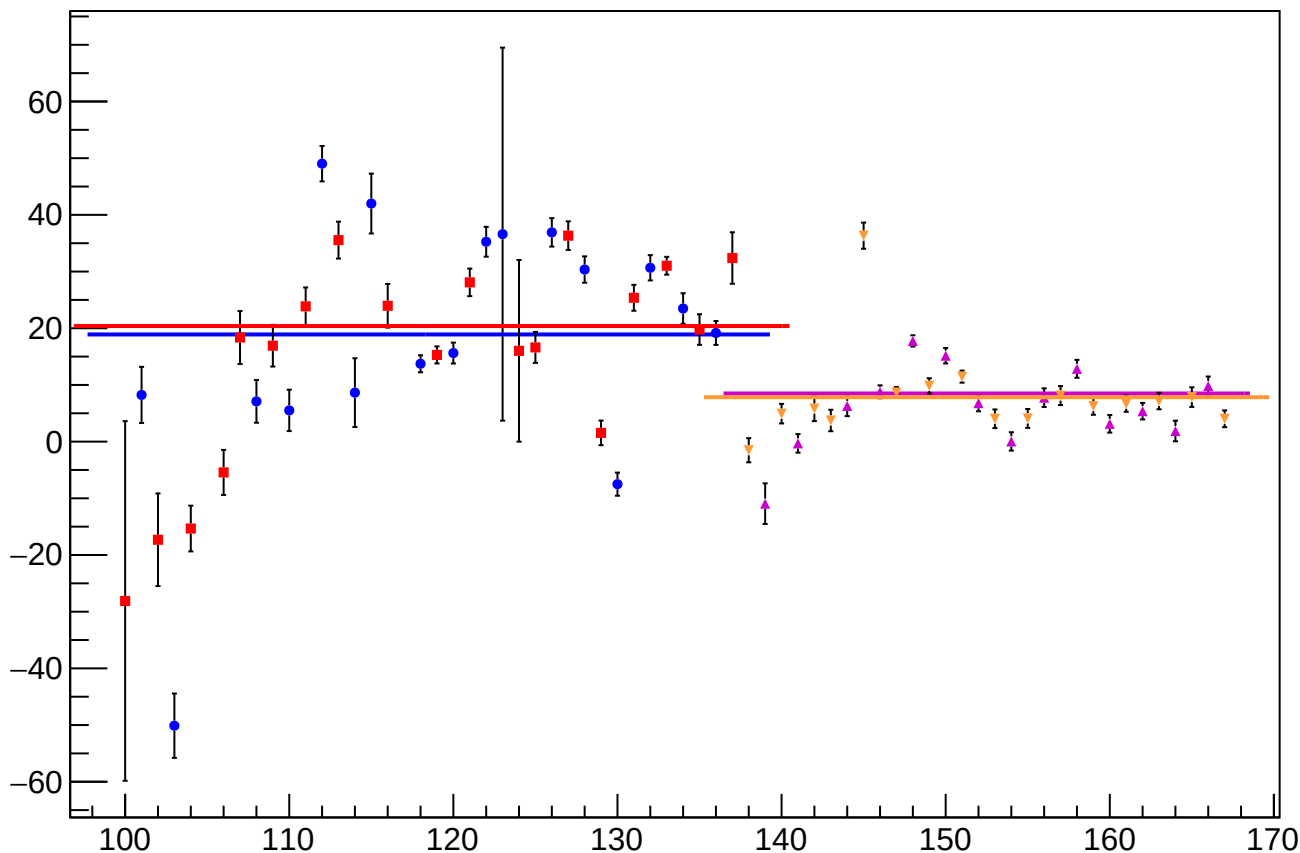
Left In: -39.773+/-0.562 χ^2/NDF :903.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.355+/-0.389 χ^2/NDF : 1932.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 ± 0.644 χ^2/NDF : 618.9/16

Left Out: 7.835 ± 0.379 χ^2/NDF : 213.3/15

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

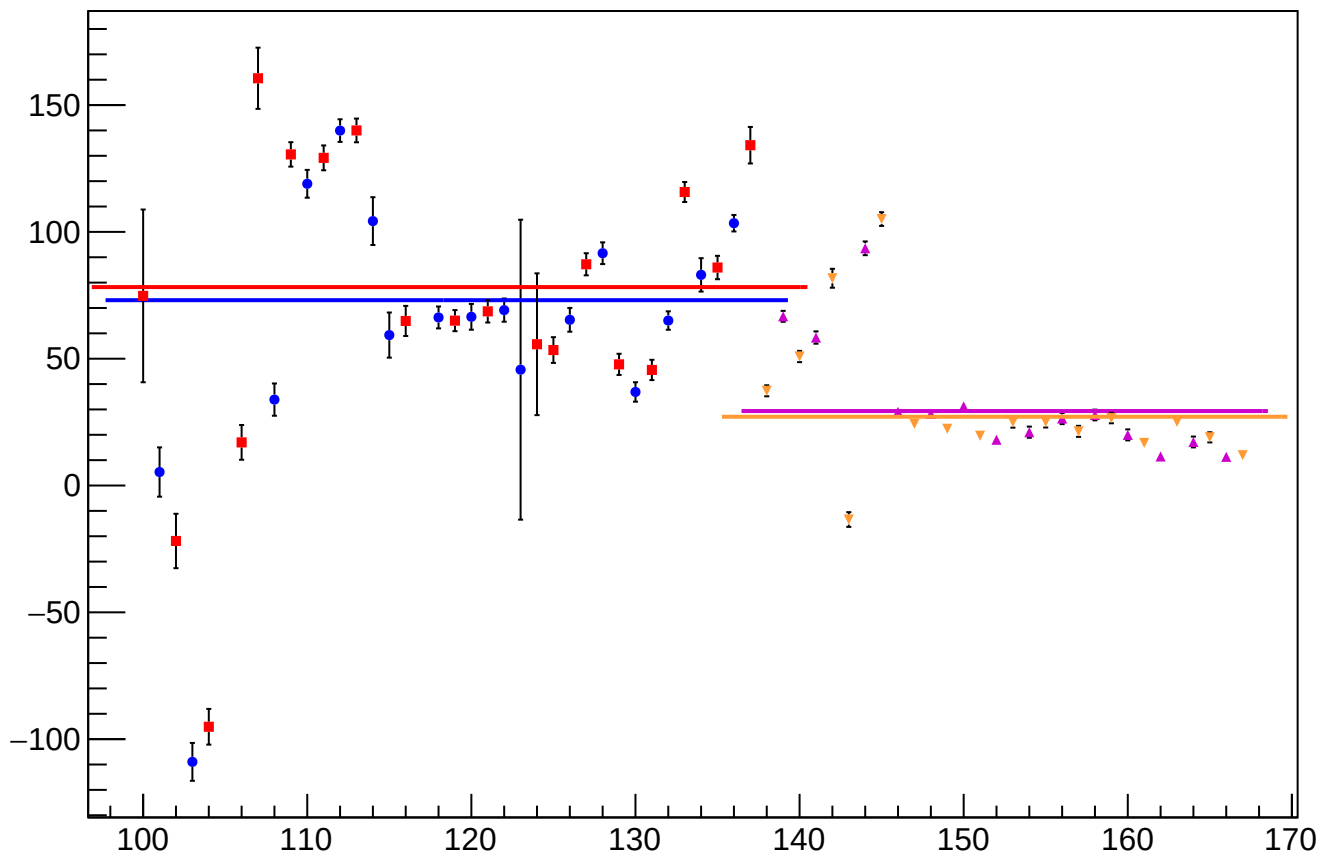
Left In: 8.489 ± 0.400 χ^2/NDF : 237.8/13

+ sign 10.682 ± 0.326 χ^2/NDF : 1052.1/32

All: 11.218 ± 0.235 χ^2/NDF : 1907.5/65

- sign 11.798 ± 0.339 χ^2/NDF : 849.8/32

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 27.118 $\pm$ 0.529 χ^2 /NDF:1530.3/15

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

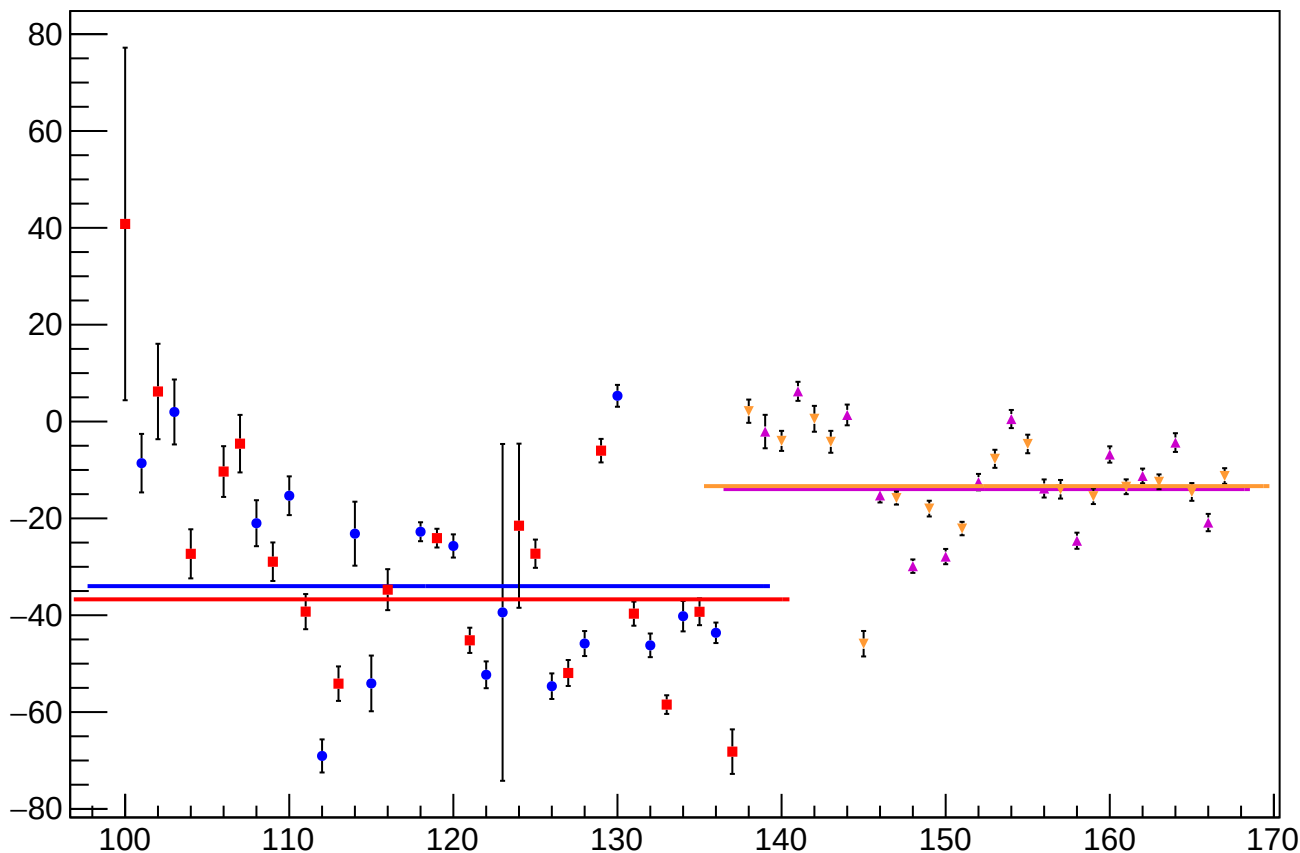
Left In: 29.365 $\pm$ 0.547 χ^2 /NDF:1308.8/13

+ sign 34.312 $\pm$ 0.486 χ^2 /NDF: 3911.7/32

All: 35.866 $\pm$ 0.348 χ^2 /NDF: 8116.3/65

- sign 37.506 $\pm$ 0.499 χ^2 /NDF: 4183.5/32

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.337 ± 0.443 χ^2/NDF : 343.9/15

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

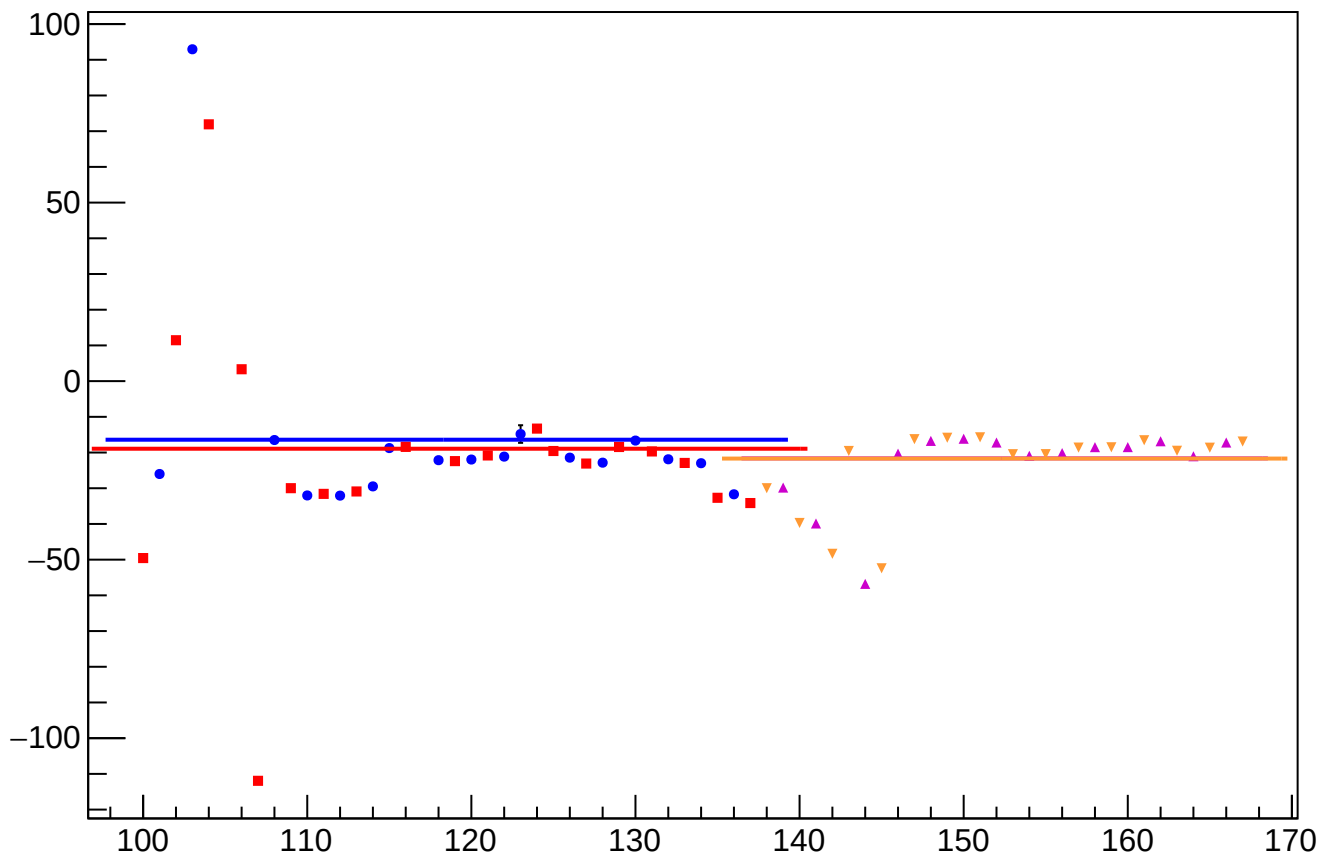
Left In: -13.950 ± 0.466 χ^2/NDF : 541.2/13

+ sign -18.828 ± 0.380 χ^2/NDF : 1641.4/32

All: -19.614 ± 0.273 χ^2/NDF : 3416.4/65

- sign -20.461 ± 0.394 χ^2/NDF : 1766.1/32

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -21.691 ± 0.021 $\chi^2/\text{NDF}: 188781.1/15$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

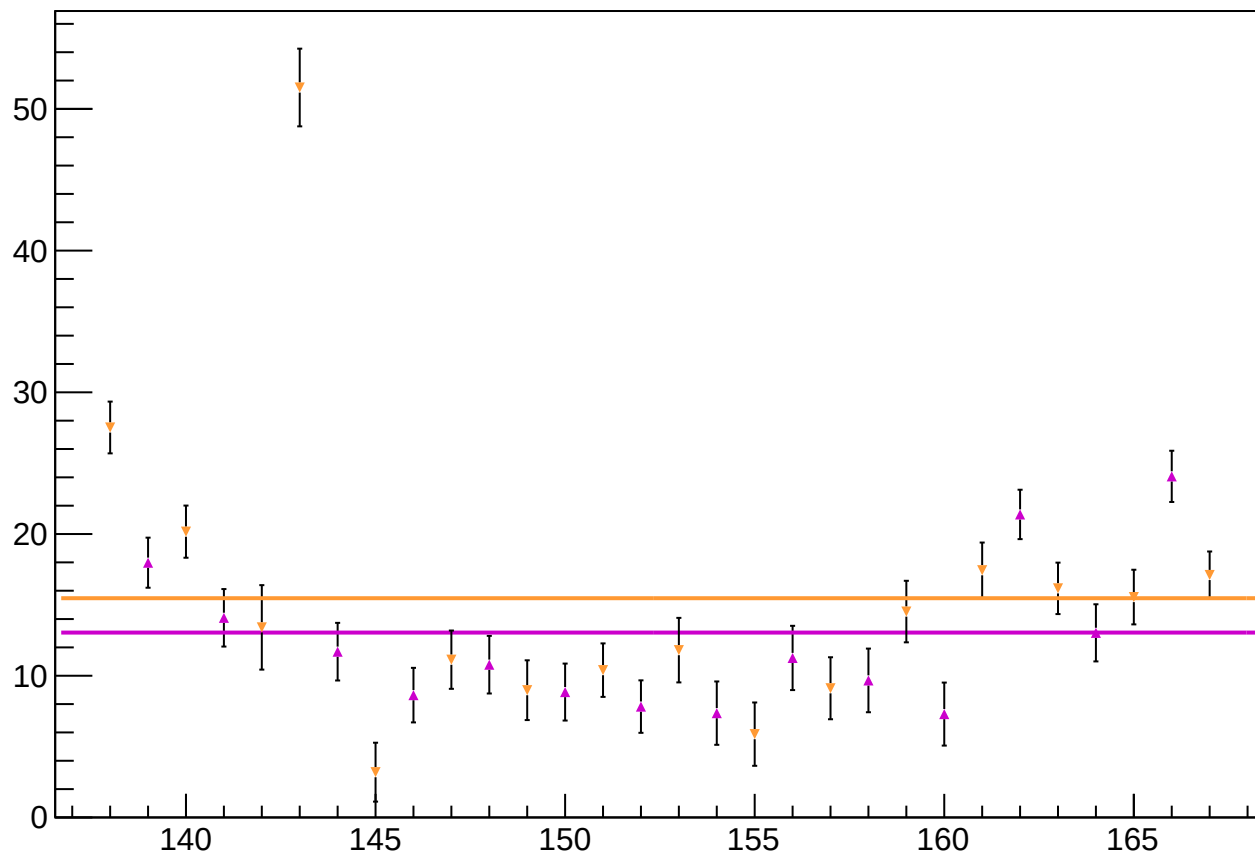
Left In: -21.642 ± 0.022 $\chi^2/\text{NDF}: 157355.3/13$

+ sign -20.738 ± 0.019 $\chi^2/\text{NDF}: 674740.7/32$

All: -20.932 ± 0.014 $\chi^2/\text{NDF}: 1269385.9/65$

- sign -21.140 ± 0.019 $\chi^2/\text{NDF}: 594425.4/32$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 15.471 $\pm$ 0.511 χ^2/NDF : 311.1/15

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

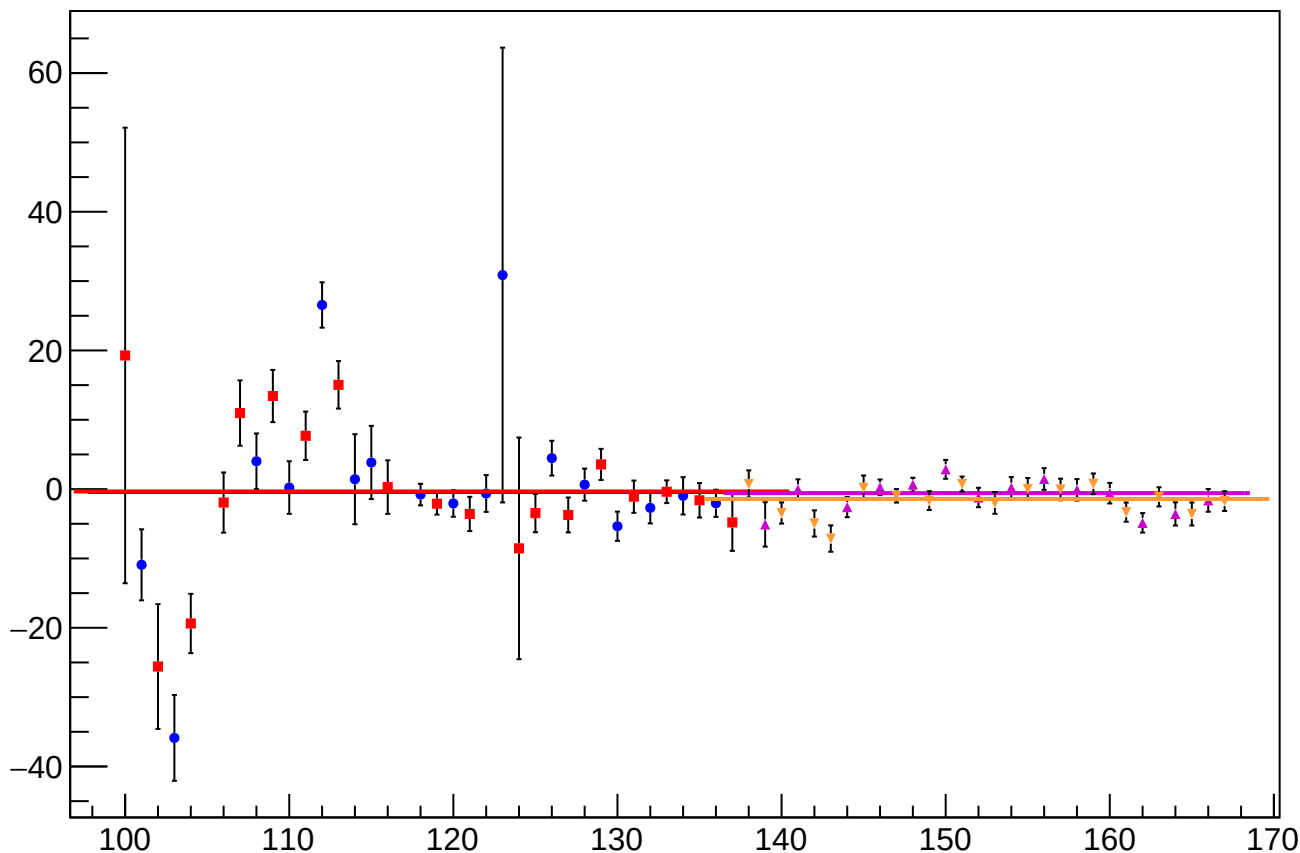
Left In: 13.046 $\pm$ 0.532 χ^2/NDF : 103.4/13

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

All: 14.307 $\pm$ 0.369 χ^2/NDF : 425.4/29

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

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.424 ± 0.363 χ^2/NDF : 28.1/15

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

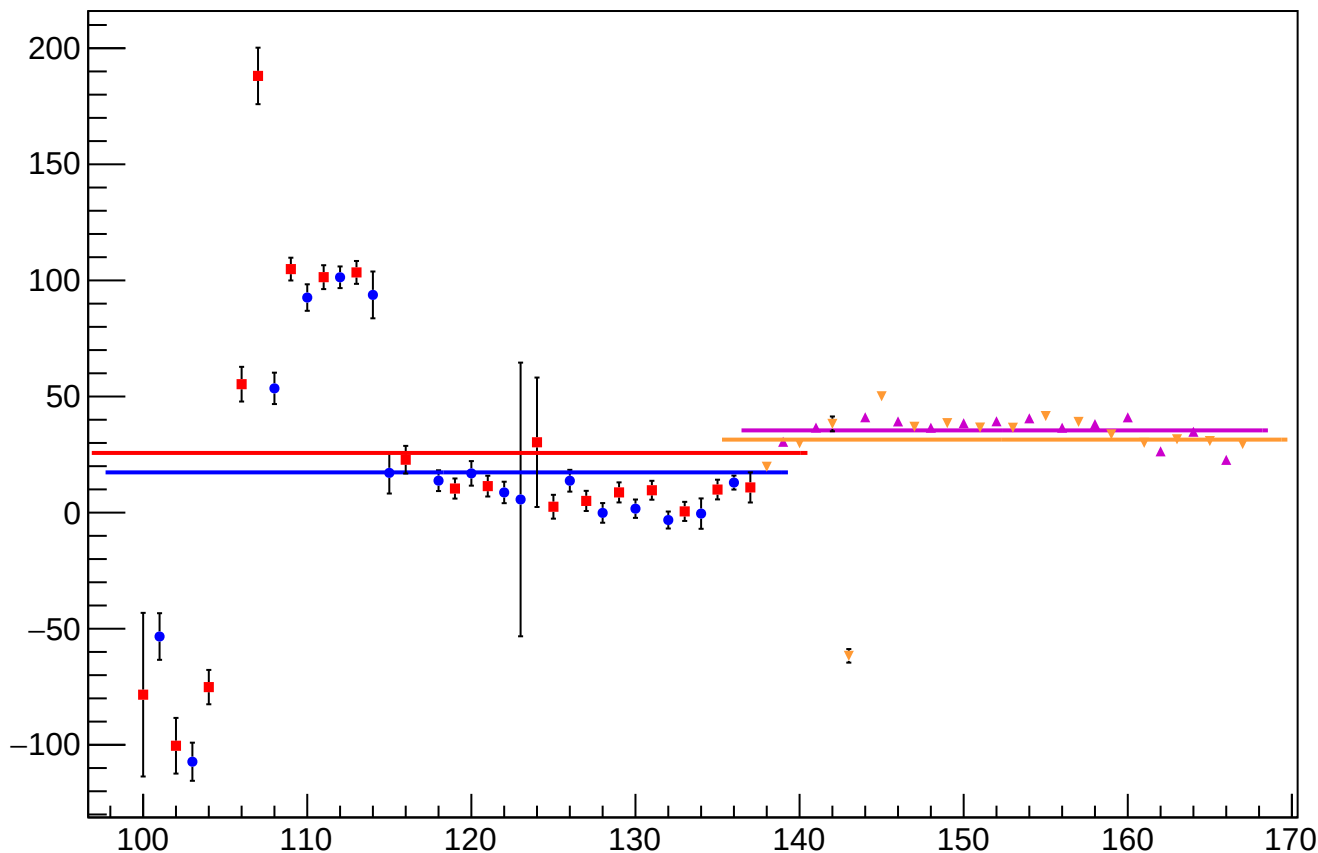
Left In: -0.576 ± 0.382 χ^2/NDF : 27.7/13

+ sign -1.186 ± 0.317 χ^2/NDF : 149.9/32

All: -0.865 ± 0.229 χ^2/NDF : 263.5/65

- sign -0.517 ± 0.331 χ^2/NDF : 111.5/32

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 31.437+/-0.503 χ^2/NDF : 1202.4/15

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

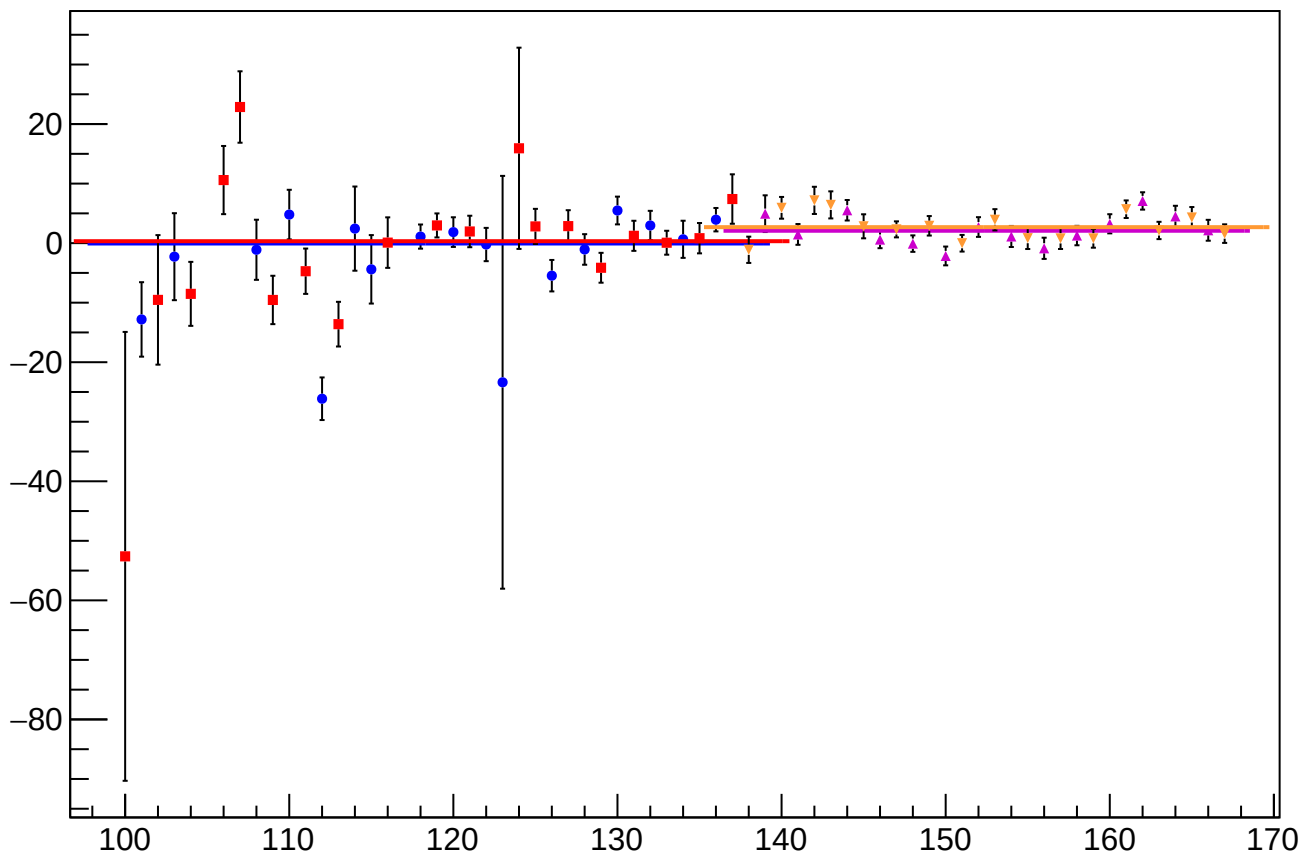
Left In: 35.414+/-0.520 χ^2/NDF : 118.3/13

+ sign 29.441+/-0.466 χ^2/NDF : 2256.9/32

All: 31.641+/-0.334 χ^2/NDF : 3852.2/65

- sign 33.969+/-0.479 χ^2/NDF : 1549.4/32

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.683 ± 0.423 χ^2/NDF : 26.3/15

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

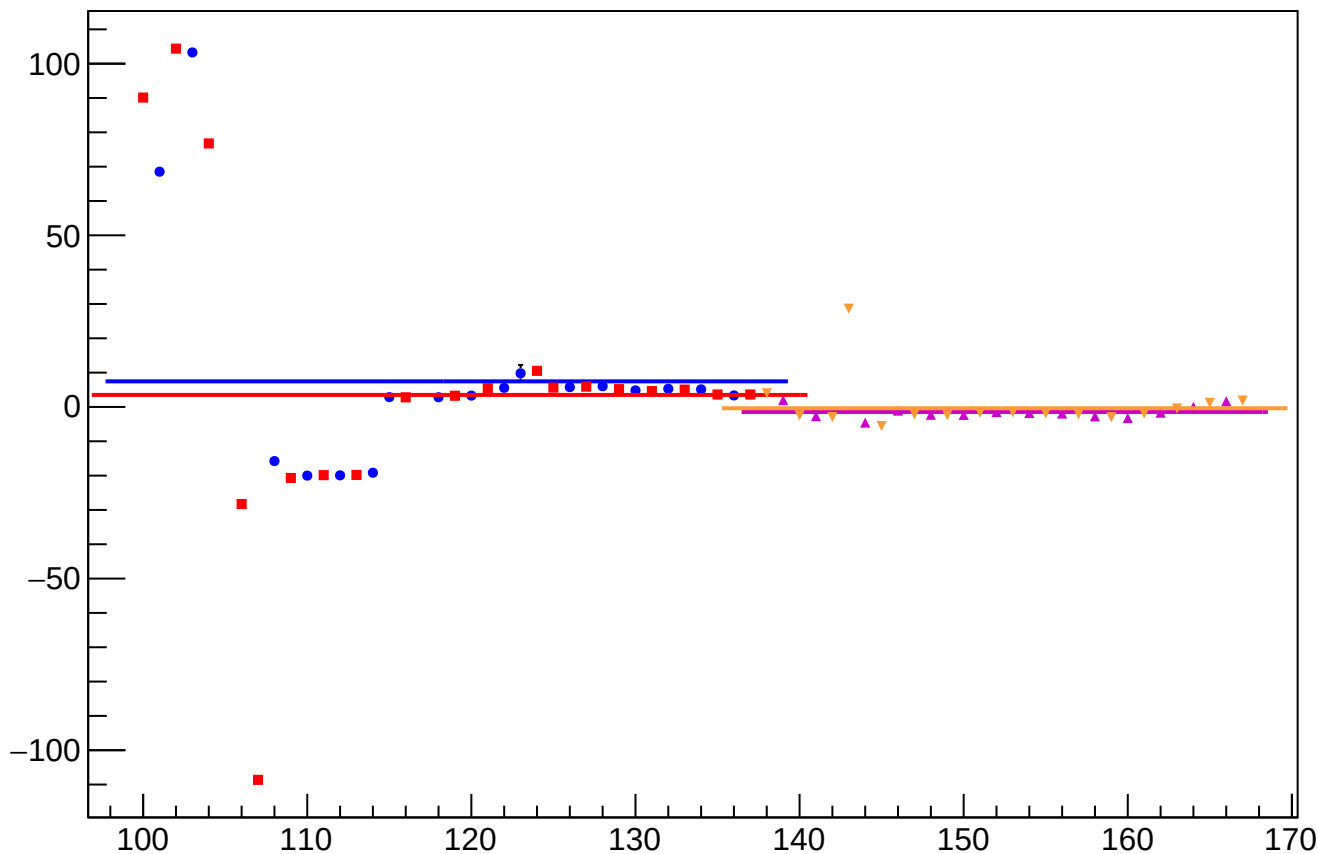
Left In: 2.081 ± 0.445 χ^2/NDF : 33.3/13

+ sign 2.012 ± 0.368 χ^2/NDF : 113.1/32

All: 1.825 ± 0.265 χ^2/NDF : 206.1/65

- sign 1.624 ± 0.383 χ^2/NDF : 92.5/32

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 $\pm$ 0.044 χ^2 /NDF: 356053.3/16

Left Out: -0.385 $\pm$ 0.020 χ^2 /NDF: 75180.4/15

Right Out: 3.502 $\pm$ 0.046 χ^2 /NDF: 510579.7/18

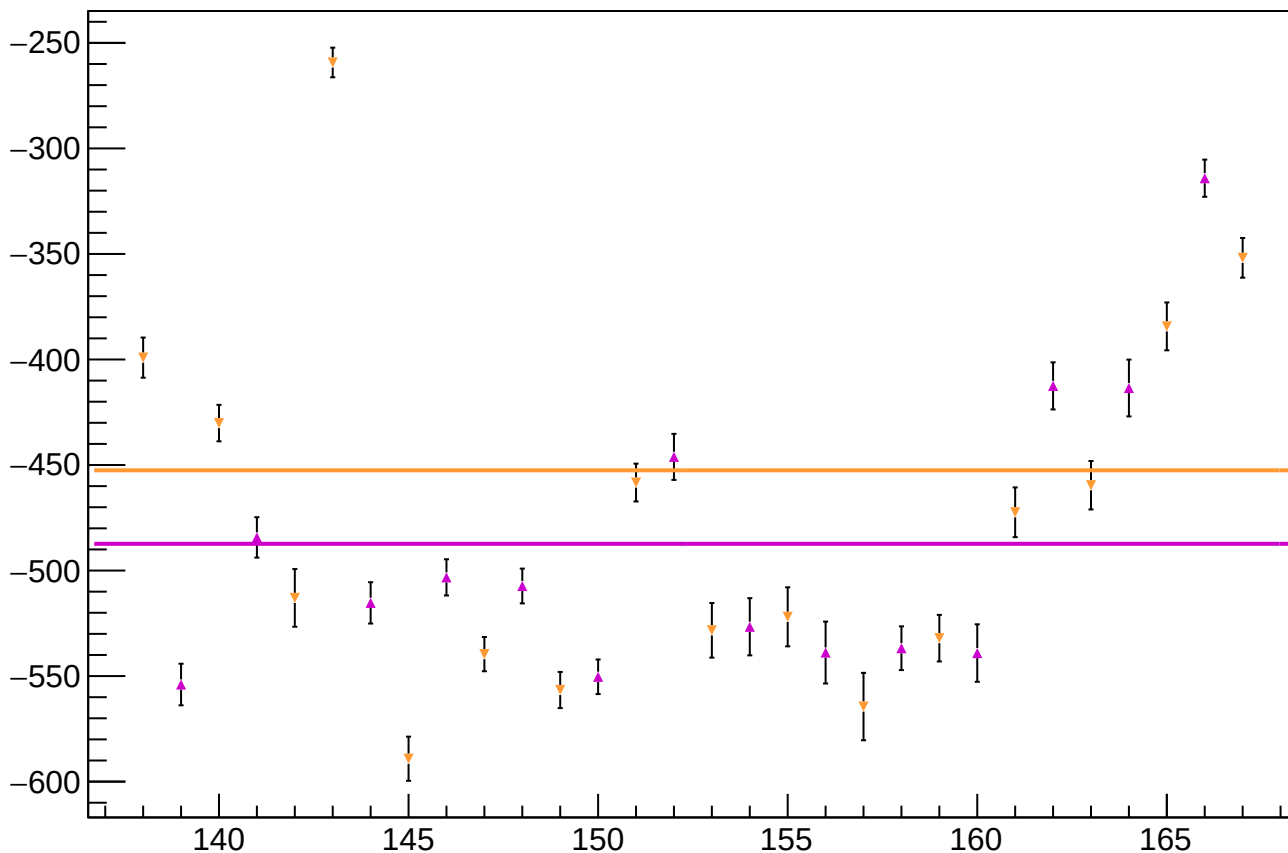
Left In: -1.456 $\pm$ 0.020 χ^2 /NDF: 6857.1/13

+ sign 0.909 $\pm$ 0.018 χ^2 /NDF: 457235.0/32

All: 0.169 $\pm$ 0.013 χ^2 /NDF: 988010.5/65

- sign -0.623 $\pm$ 0.019 χ^2 /NDF: 527296.4/32

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -452.511+/-2.519 χ^2/NDF :1563.8/15

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

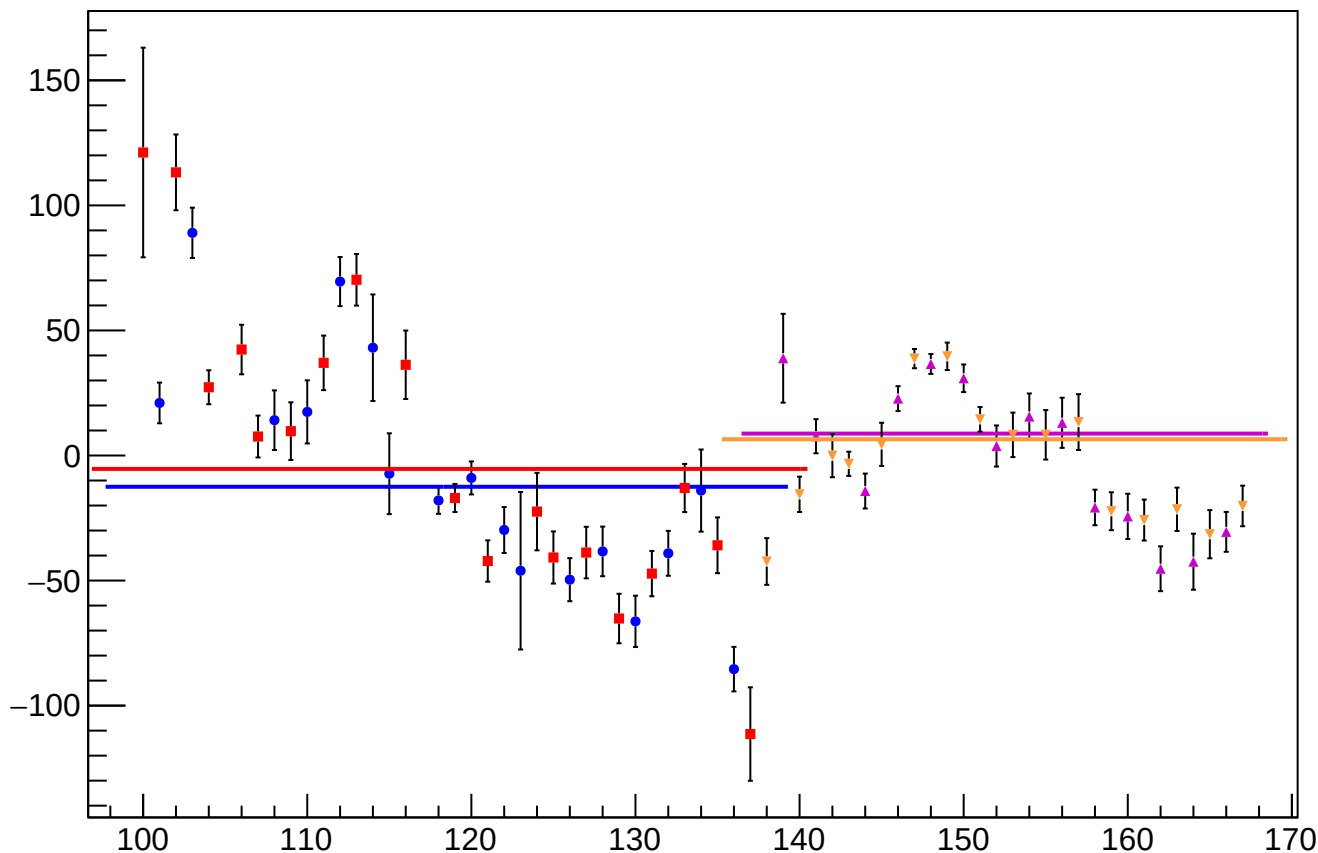
Left In: -487.330+/-2.726 χ^2/NDF :656.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.546+/-1.850 χ^2/NDF : 2308.7/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: 6.508 ± 1.701 χ^2/NDF : 218.6/15

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

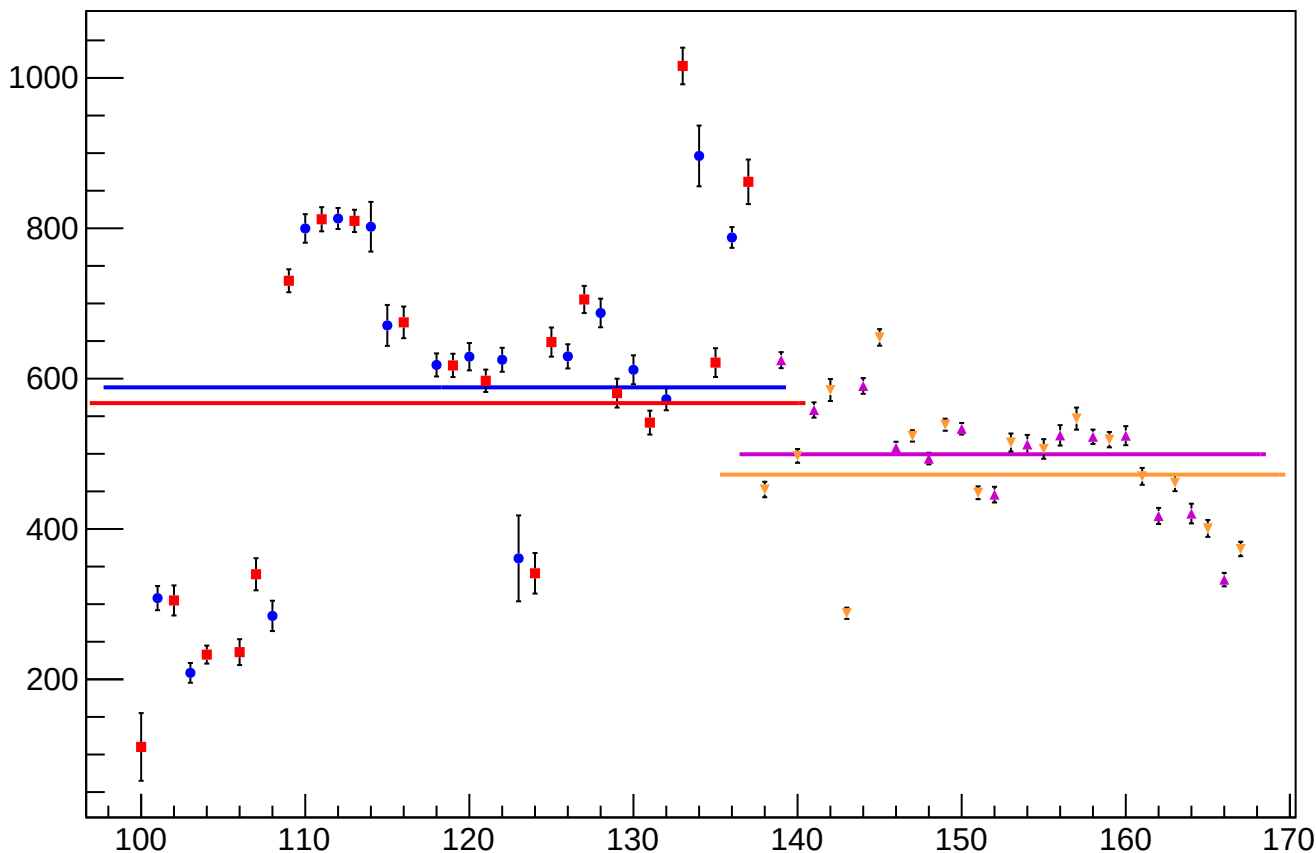
Left In: 8.762 ± 1.870 χ^2/NDF : 199.7/13

+ sign -0.171 ± 1.370 χ^2/NDF : 603.6/32

All: 1.349 ± 0.993 χ^2/NDF : 1173.5/65

- sign 3.034 ± 1.442 χ^2/NDF : 567.4/32

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 ± 4.320 $\chi^2/\text{NDF}: 2130.2/16$

Left Out: 472.302 ± 2.496 $\chi^2/\text{NDF}: 1286.3/15$

Right Out: 567.451 ± 4.137 $\chi^2/\text{NDF}: 2784.8/18$

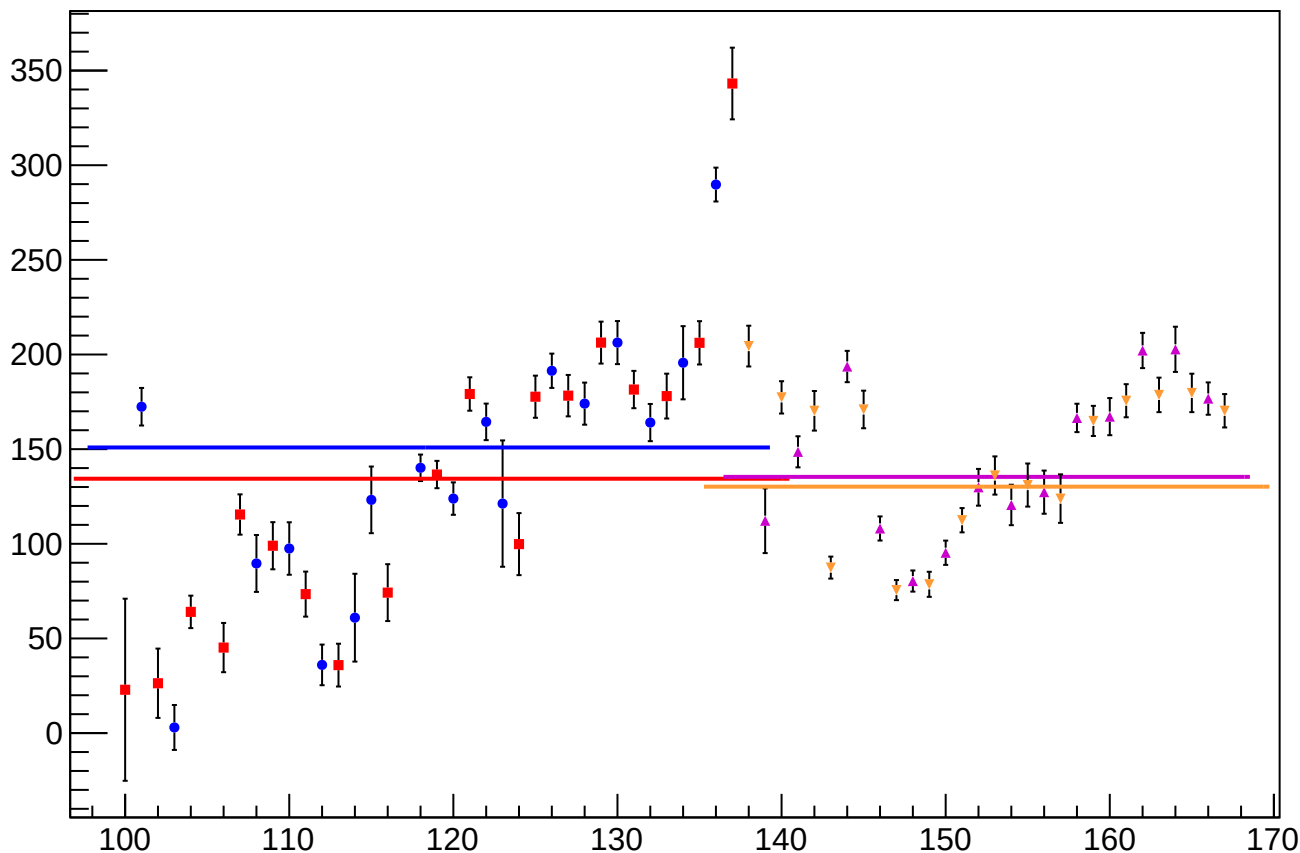
Left In: 499.392 ± 2.661 $\chi^2/\text{NDF}: 748.8/13$

+ sign 501.367 ± 2.162 $\chi^2/\text{NDF}: 3958.1/32$

All: 510.027 ± 1.555 $\chi^2/\text{NDF}: 7716.4/65$

- sign 519.309 ± 2.238 $\chi^2/\text{NDF}: 3725.1/32$

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 χ^2/NDF : 634.8/16

Left Out: 130.184 ± 2.037 χ^2/NDF : 457.6/15

Right Out: 134.381 ± 2.620 χ^2/NDF : 584.9/18

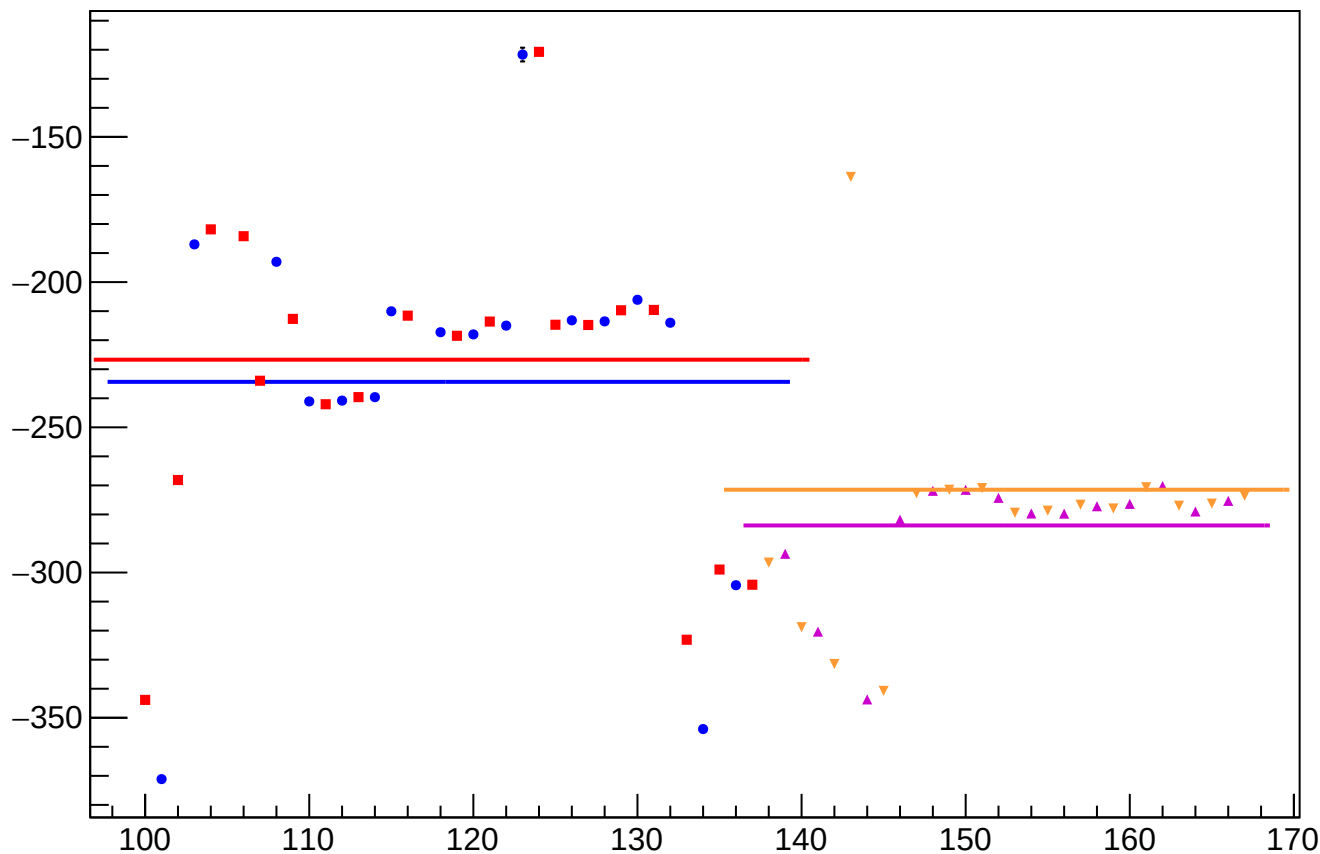
Left In: 135.358 ± 2.228 χ^2/NDF : 345.9/13

+ sign 137.789 ± 1.620 χ^2/NDF : 1130.3/32

All: 136.434 ± 1.172 χ^2/NDF : 2062.7/65

- sign 134.948 ± 1.697 χ^2/NDF : 930.9/32

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341 ± 0.148 χ^2/NDF : 145165.1/16

Left Out: -271.482 ± 0.101 χ^2/NDF : 183012.7/15

Right Out: -226.716 ± 0.141 χ^2/NDF : 99440.4/18

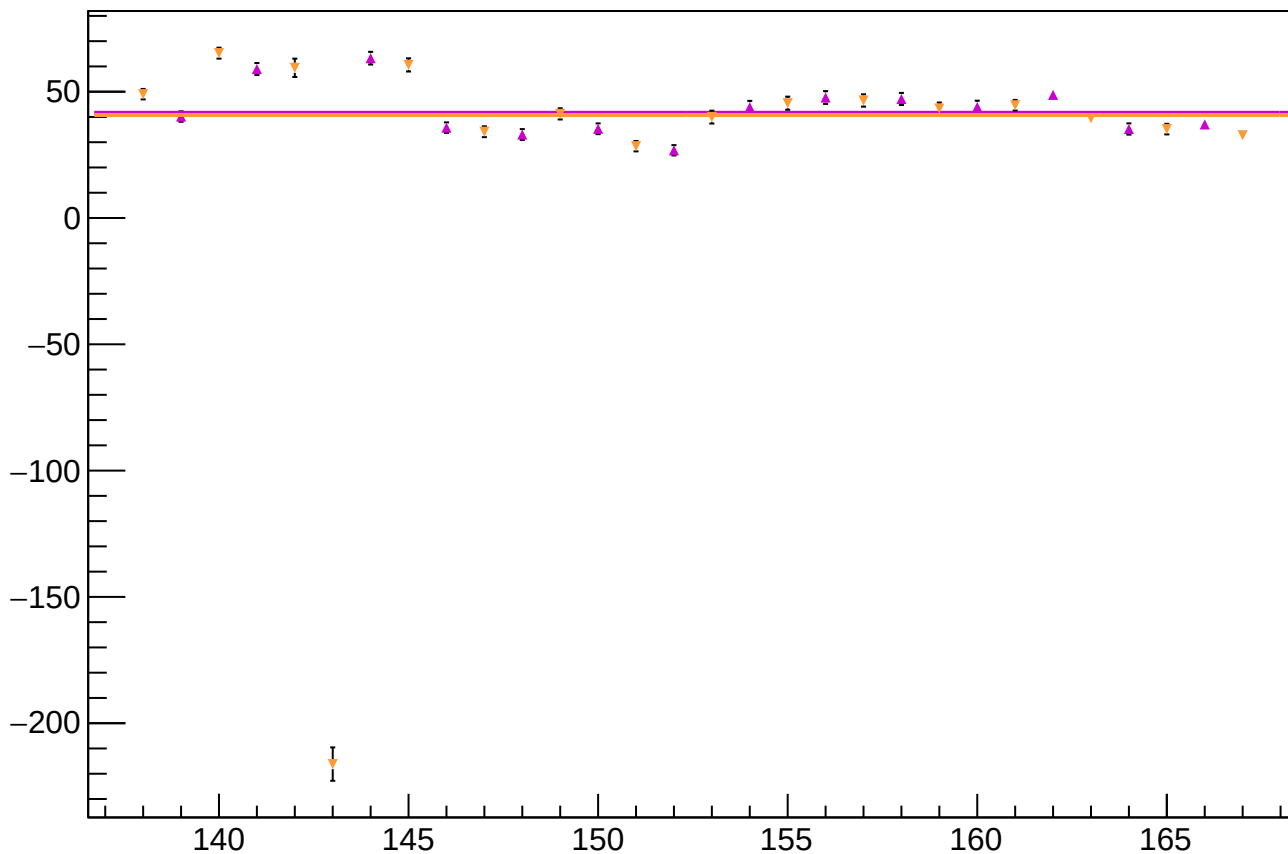
Left In: -283.784 ± 0.107 χ^2/NDF : 31250.7/13

+ sign -259.761 ± 0.083 χ^2/NDF : 371102.9/32

All: -261.329 ± 0.060 χ^2/NDF : 606121.7/65

- sign -262.975 ± 0.085 χ^2/NDF : 234292.5/32

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 40.778+/-0.576 χ^2/NDF :1823.7/15

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

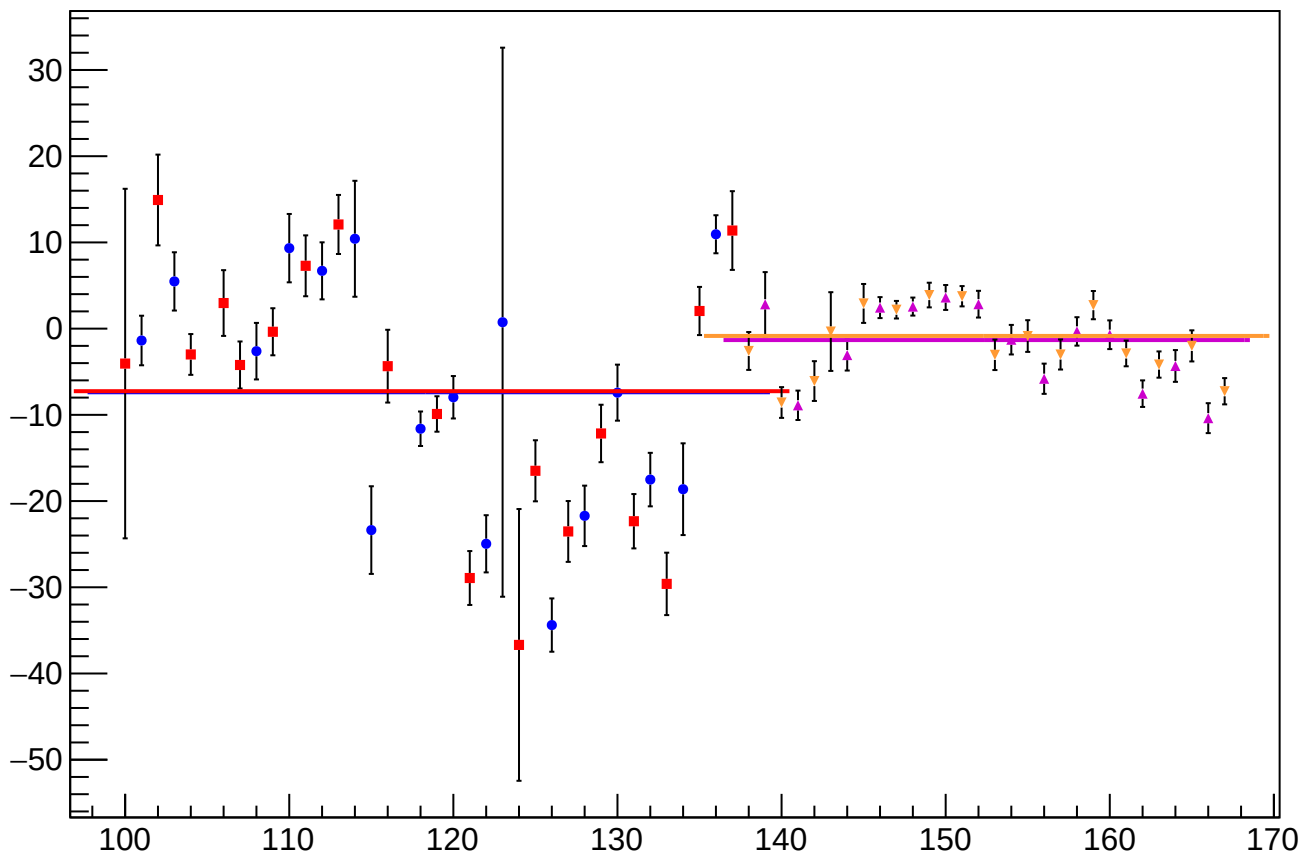
Left In: 41.643+/-0.590 χ^2/NDF :253.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.200+/-0.412 χ^2/NDF : 2078.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: -0.845 ± 0.406 χ^2/NDF : 95.1/15

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

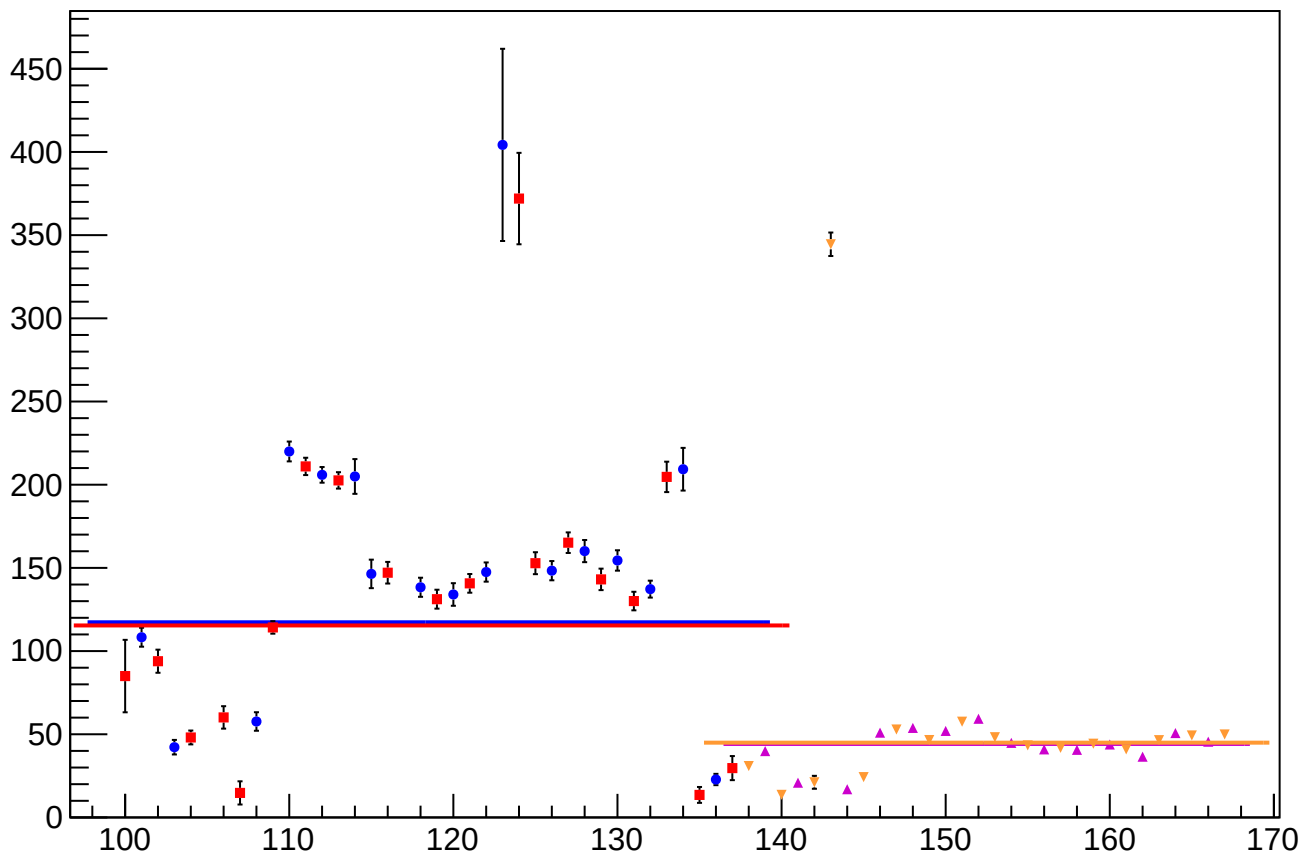
Left In: -1.327 ± 0.421 χ^2/NDF : 117.4/13

+ sign -2.243 ± 0.360 χ^2/NDF : 434.1/32

All: -2.472 ± 0.257 χ^2/NDF : 856.0/65

- sign -2.711 ± 0.368 χ^2/NDF : 421.1/32

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 44.956 $\pm$ 0.564 χ^2 /NDF:2197.9/15

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

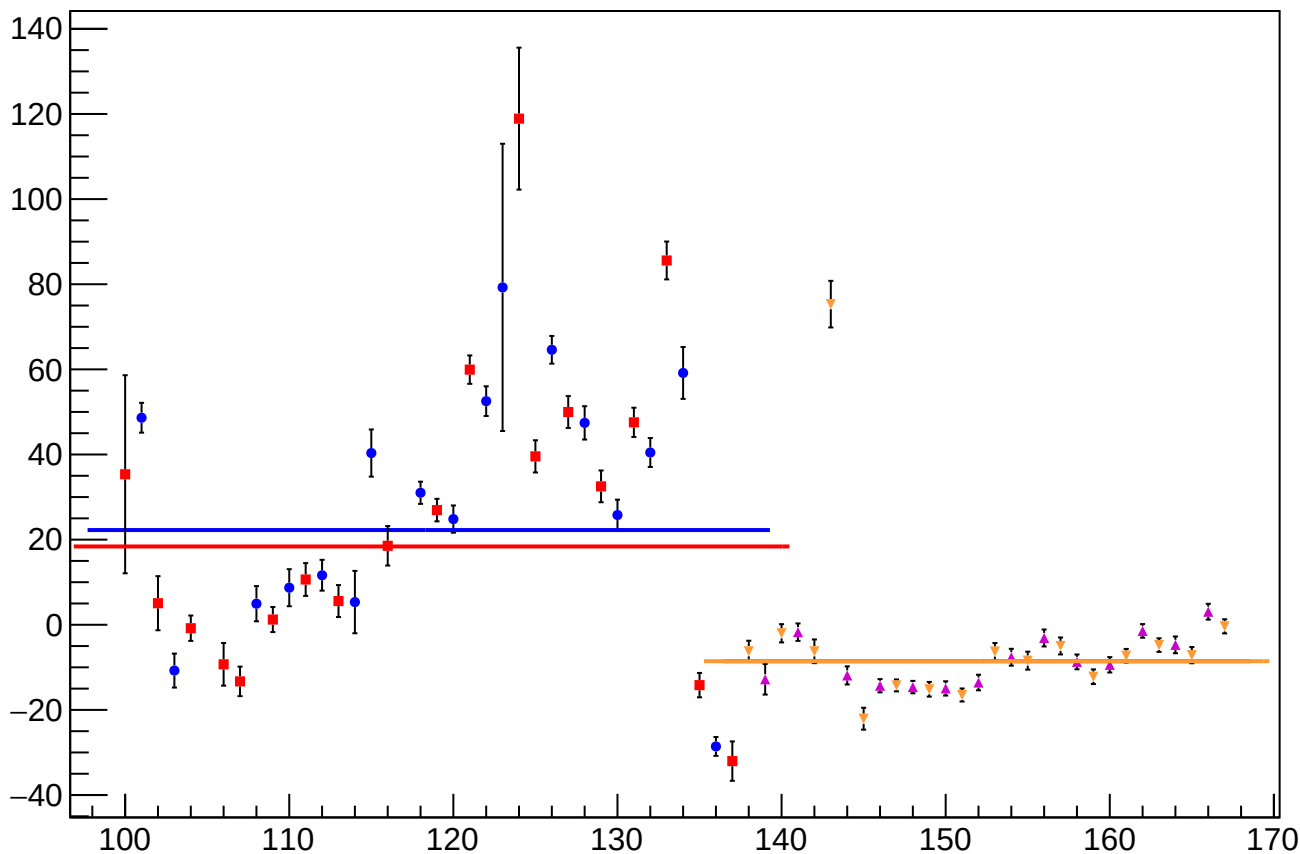
Left In: 44.175 $\pm$ 0.575 χ^2 /NDF:331.7/13

+ sign 54.955 $\pm$ 0.524 χ^2 /NDF: 6632.6/32

All: 54.957 $\pm$ 0.372 χ^2 /NDF: 11440.6/65

- sign 54.958 $\pm$ 0.529 χ^2 /NDF: 4808.0/32

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 ± 0.889 χ^2/NDF : 1071.4/16

Left Out: -8.560 ± 0.474 χ^2/NDF : 371.0/15

Right Out: 18.395 ± 0.872 χ^2/NDF : 1077.1/18

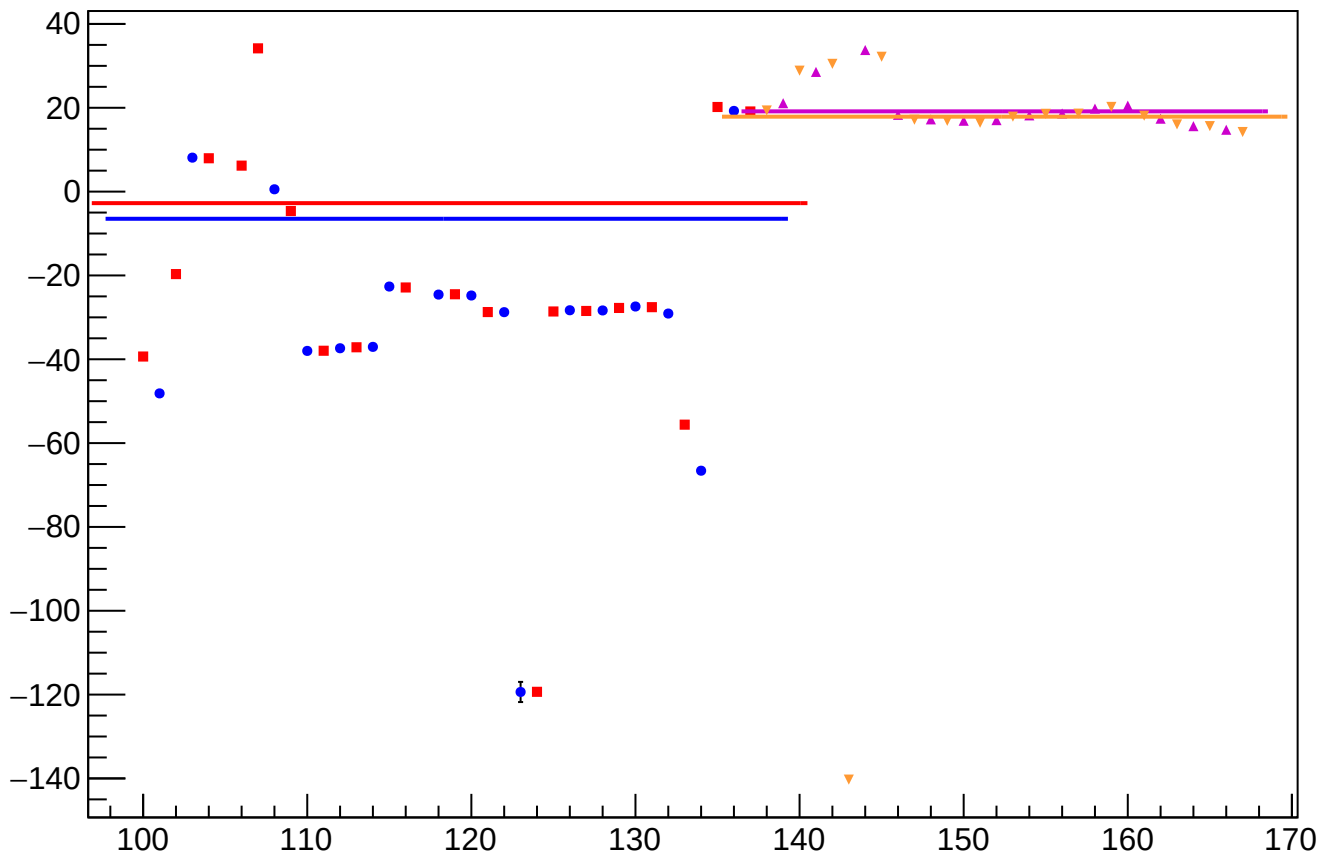
Left In: -8.559 ± 0.491 χ^2/NDF : 138.7/13

+ sign -1.739 ± 0.418 χ^2/NDF : 2377.4/32

All: -1.905 ± 0.299 χ^2/NDF : 4319.5/65

- sign -2.077 ± 0.428 χ^2/NDF : 1941.8/32

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 17.878 ± 0.022 χ^2/NDF : 353856.1/15

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

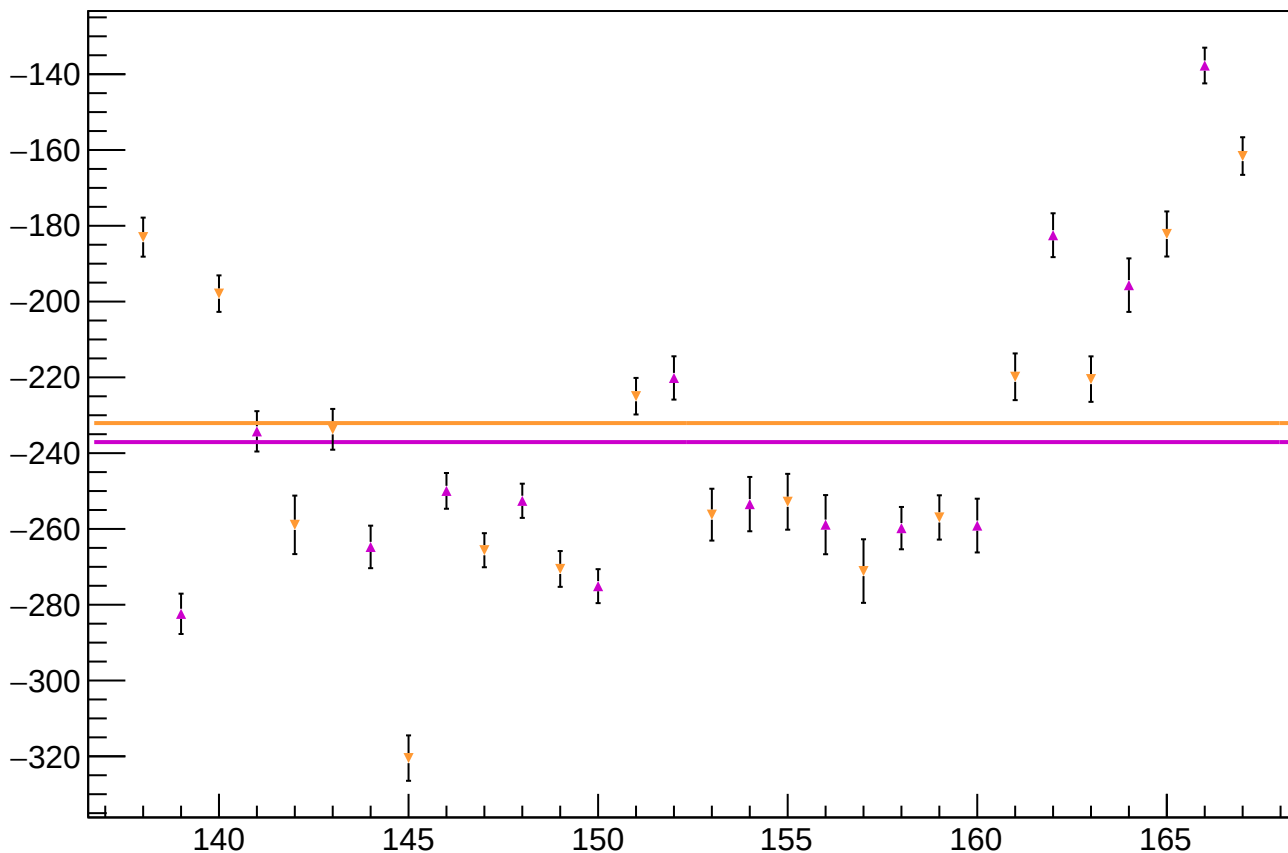
Left In: 19.147 ± 0.023 χ^2/NDF : 31765.6/13

+ sign 13.297 ± 0.020 χ^2/NDF : 845767.2/32

All: 14.040 ± 0.014 χ^2/NDF : 1330889.8/65

- sign 14.807 ± 0.020 χ^2/NDF : 482323.4/32

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -232.064+/-1.409 χ^2/NDF : 834.9/15

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

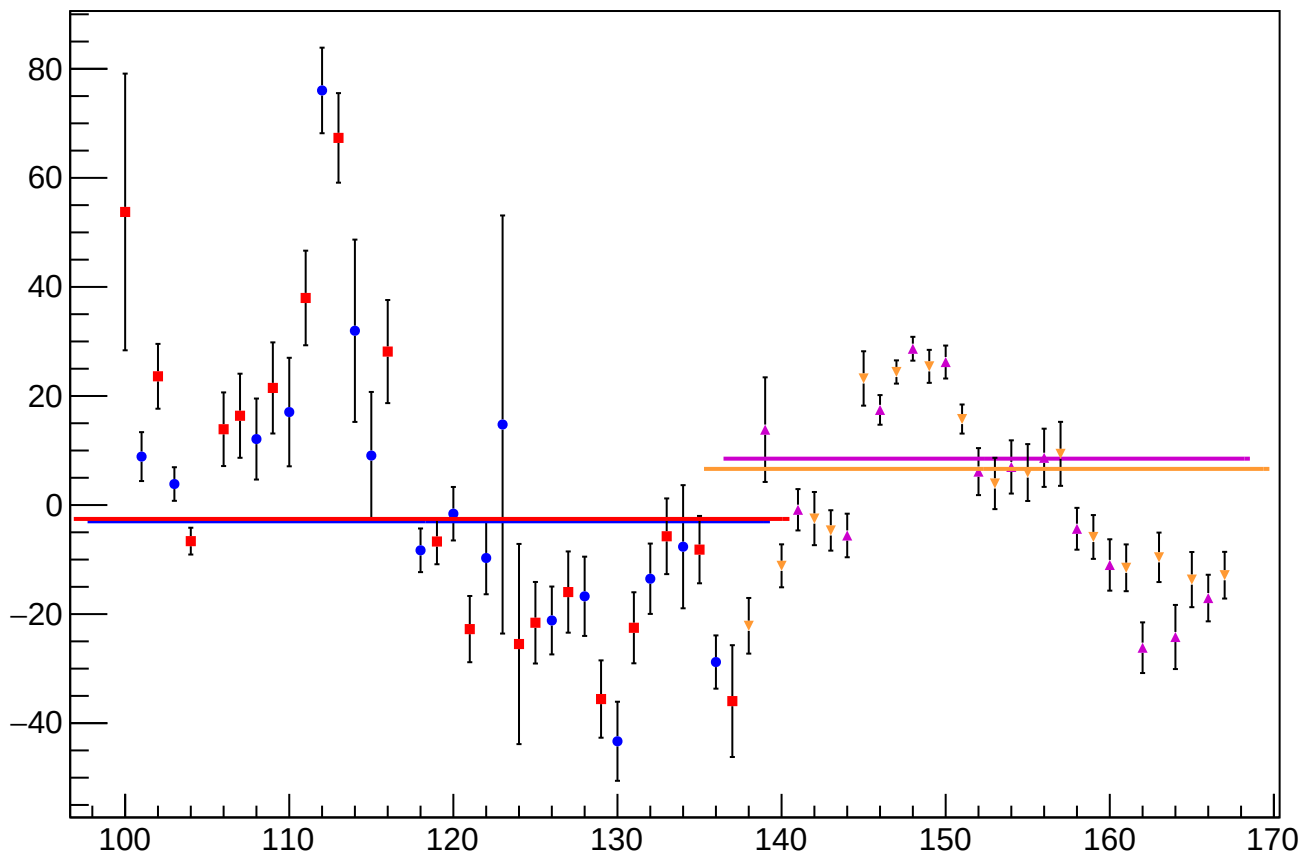
Left In: -237.083+/-1.475 χ^2/NDF : 804.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.460+/-1.019 χ^2/NDF : 1645.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: 6.629 ± 0.954 χ^2/NDF : 273.7/15

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

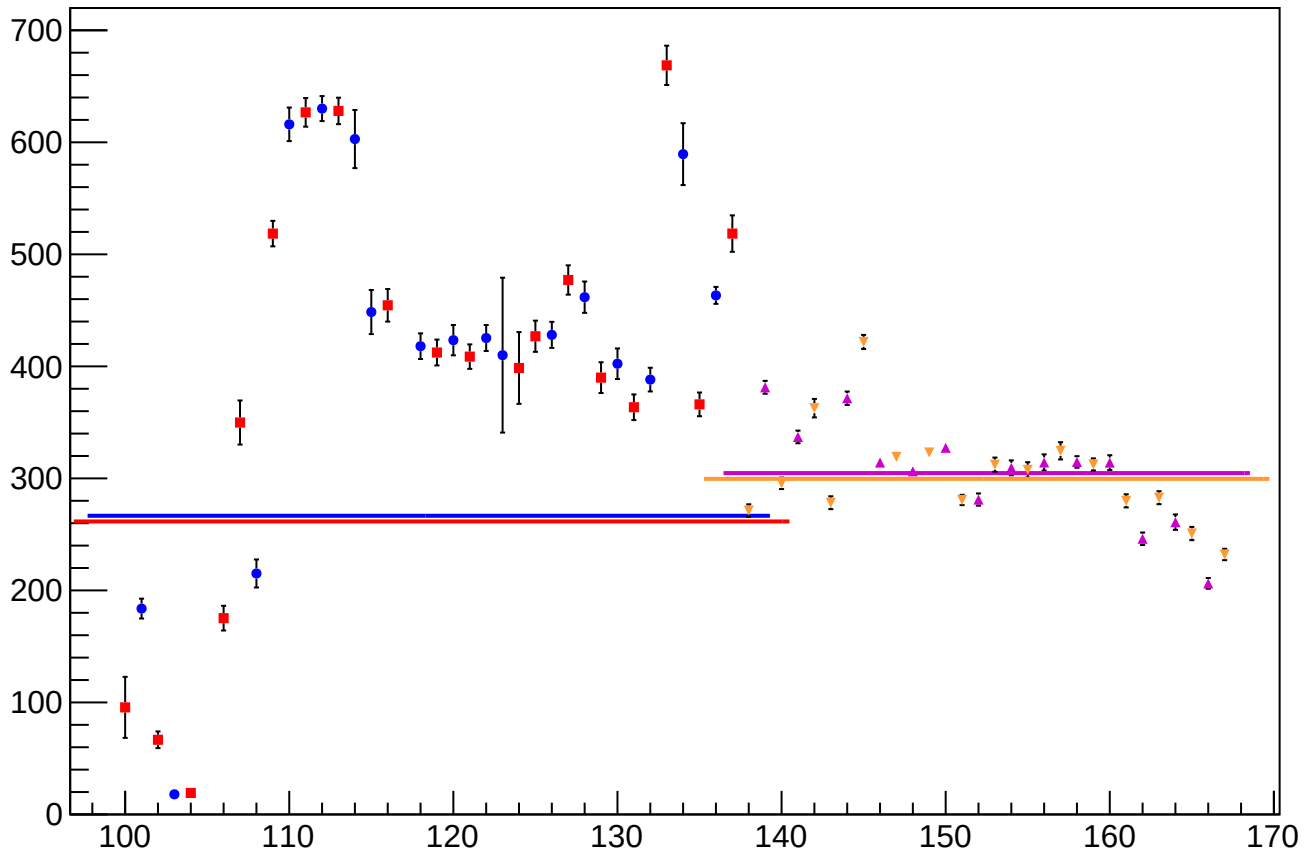
Left In: 8.505 ± 1.015 χ^2/NDF : 300.2/13

+ sign 3.725 ± 0.797 χ^2/NDF : 508.2/32

All: 4.194 ± 0.572 χ^2/NDF : 1068.2/65

- sign 4.693 ± 0.821 χ^2/NDF : 559.2/32

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 ± 2.477 $\chi^2/\text{NDF}: 7662.7/16$

Left Out: 299.573 ± 1.389 $\chi^2/\text{NDF}: 828.2/15$

Right Out: 261.551 ± 2.458 $\chi^2/\text{NDF}: 8208.2/18$

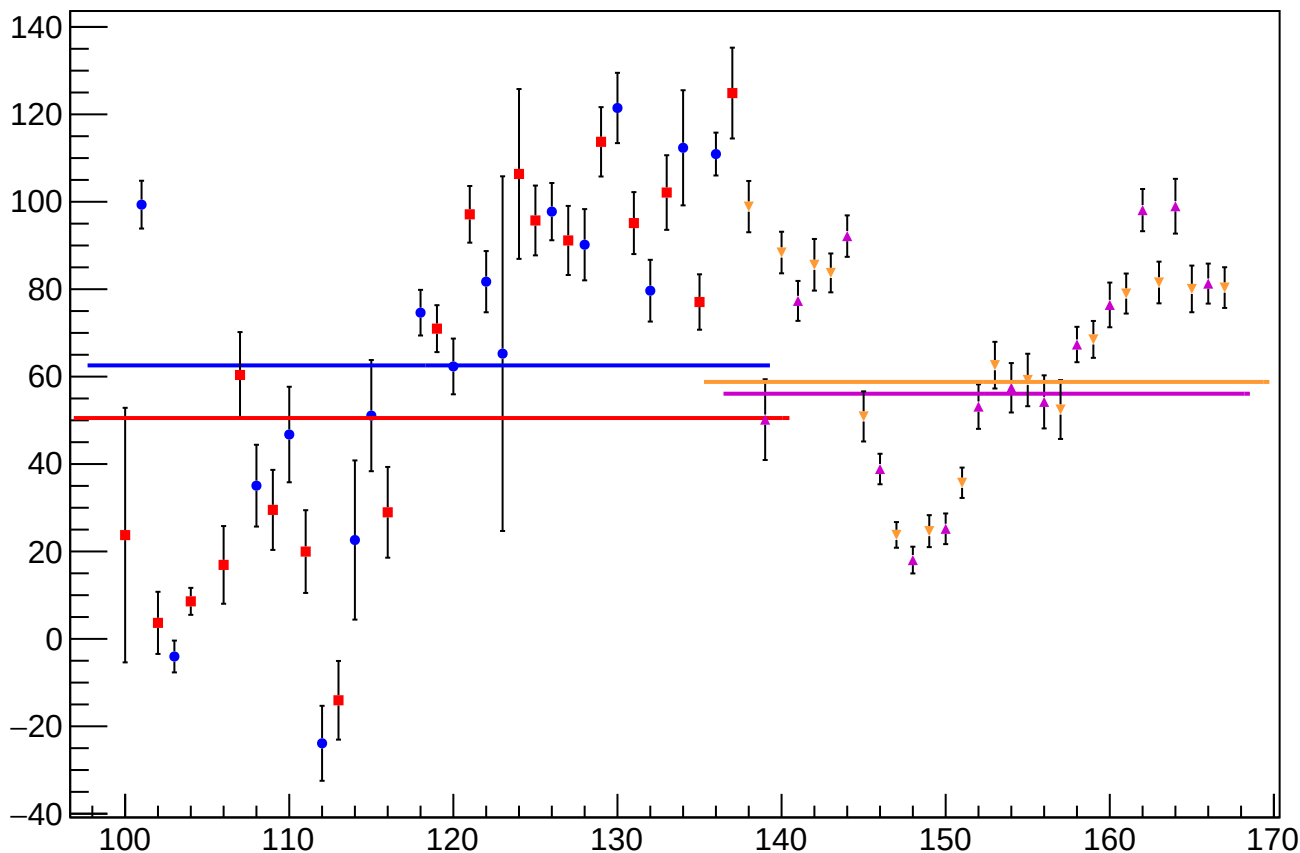
Left In: 304.739 ± 1.438 $\chi^2/\text{NDF}: 965.1/13$

+ sign 291.694 ± 1.211 $\chi^2/\text{NDF}: 8625.5/32$

All: 292.684 ± 0.867 $\chi^2/\text{NDF}: 18030.2/65$

- sign 293.724 ± 1.241 $\chi^2/\text{NDF}: 9403.4/32$

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 ± 1.678 χ^2/NDF : 722.4/16

Left Out: 58.789 ± 1.139 χ^2/NDF : 498.9/15

Right Out: 50.526 ± 1.643 χ^2/NDF : 657.0/18

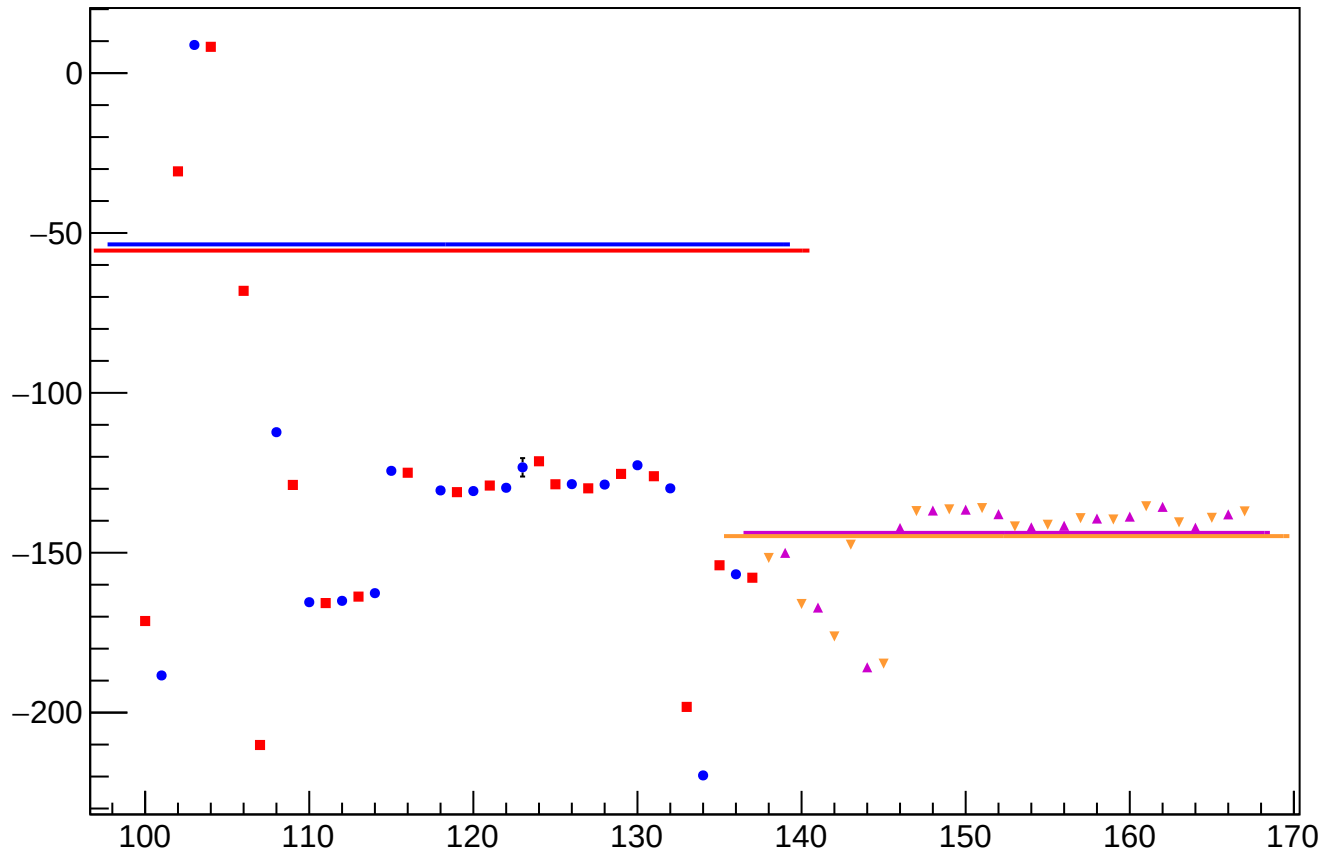
Left In: 56.091 ± 1.207 χ^2/NDF : 513.6/13

+ sign 59.981 ± 0.943 χ^2/NDF : 1224.8/32

All: 57.153 ± 0.677 χ^2/NDF : 2421.4/65

- sign 54.142 ± 0.973 χ^2/NDF : 1178.0/32

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -144.804 ± 0.056 χ^2/NDF : 55835.3/15

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

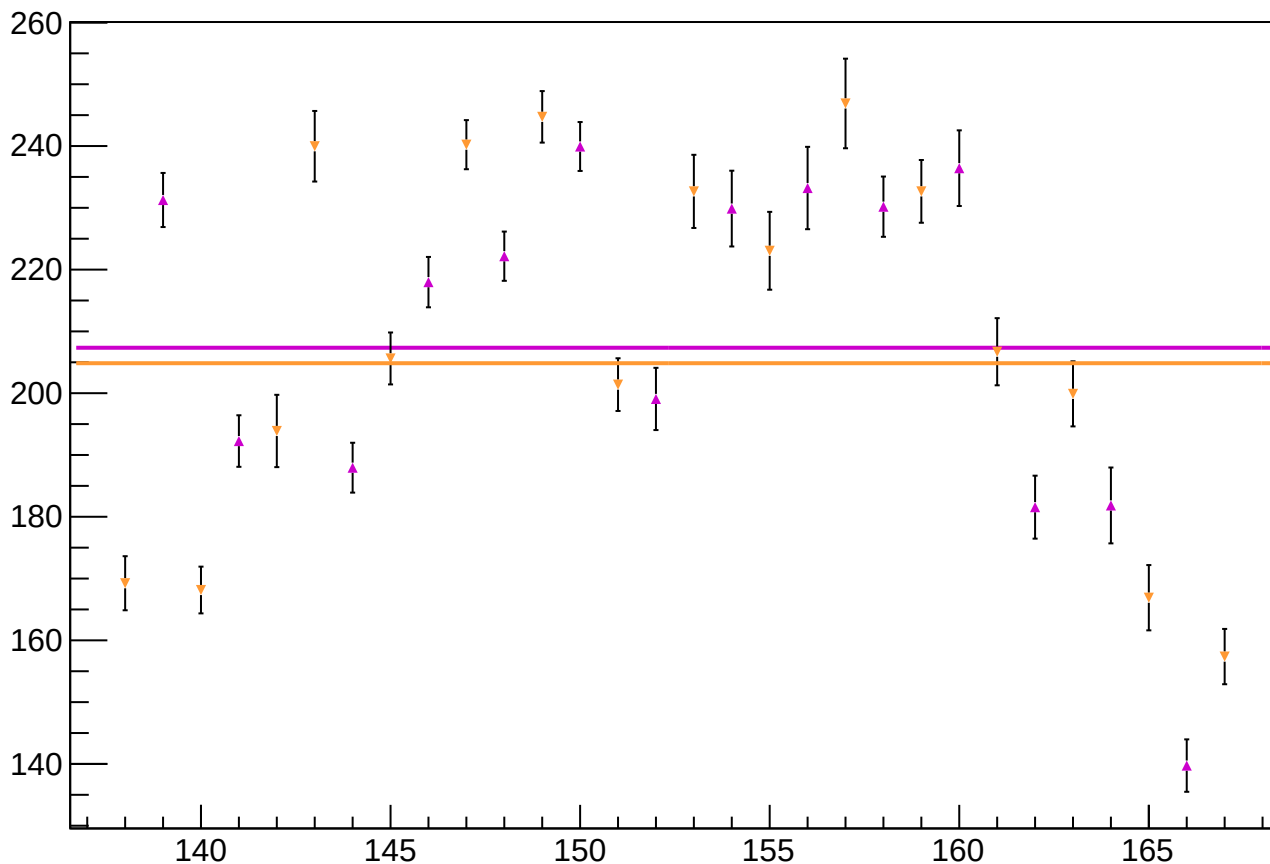
Left In: -143.795 ± 0.058 χ^2/NDF : 44145.2/13

+ sign -109.468 ± 0.044 χ^2/NDF : 2318846.9/32

All: -109.334 ± 0.031 χ^2/NDF : 4249455.5/65

- sign -109.192 ± 0.045 χ^2/NDF : 1930589.3/32

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 204.852+/-1.211 χ^2/NDF : 632.2/15

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

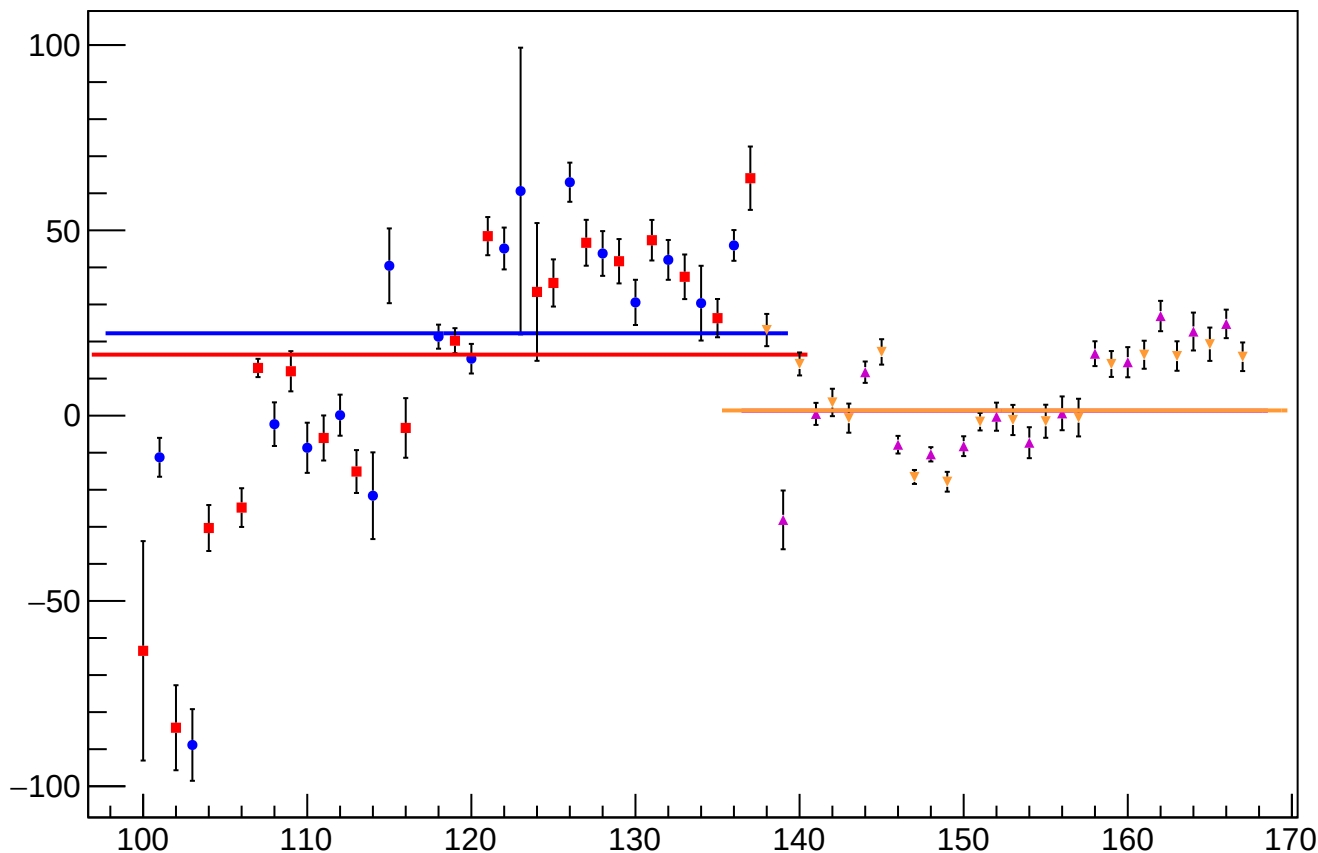
Left In: 207.355+/-1.254 χ^2/NDF : 527.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.060+/-0.871 χ^2/NDF : 1161.3/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 ± 1.374 $\chi^2/\text{NDF}: 385.6/16$

Left Out: 1.404 ± 0.827 $\chi^2/\text{NDF}: 280.5/15$

Right Out: 16.466 ± 1.230 $\chi^2/\text{NDF}: 425.9/18$

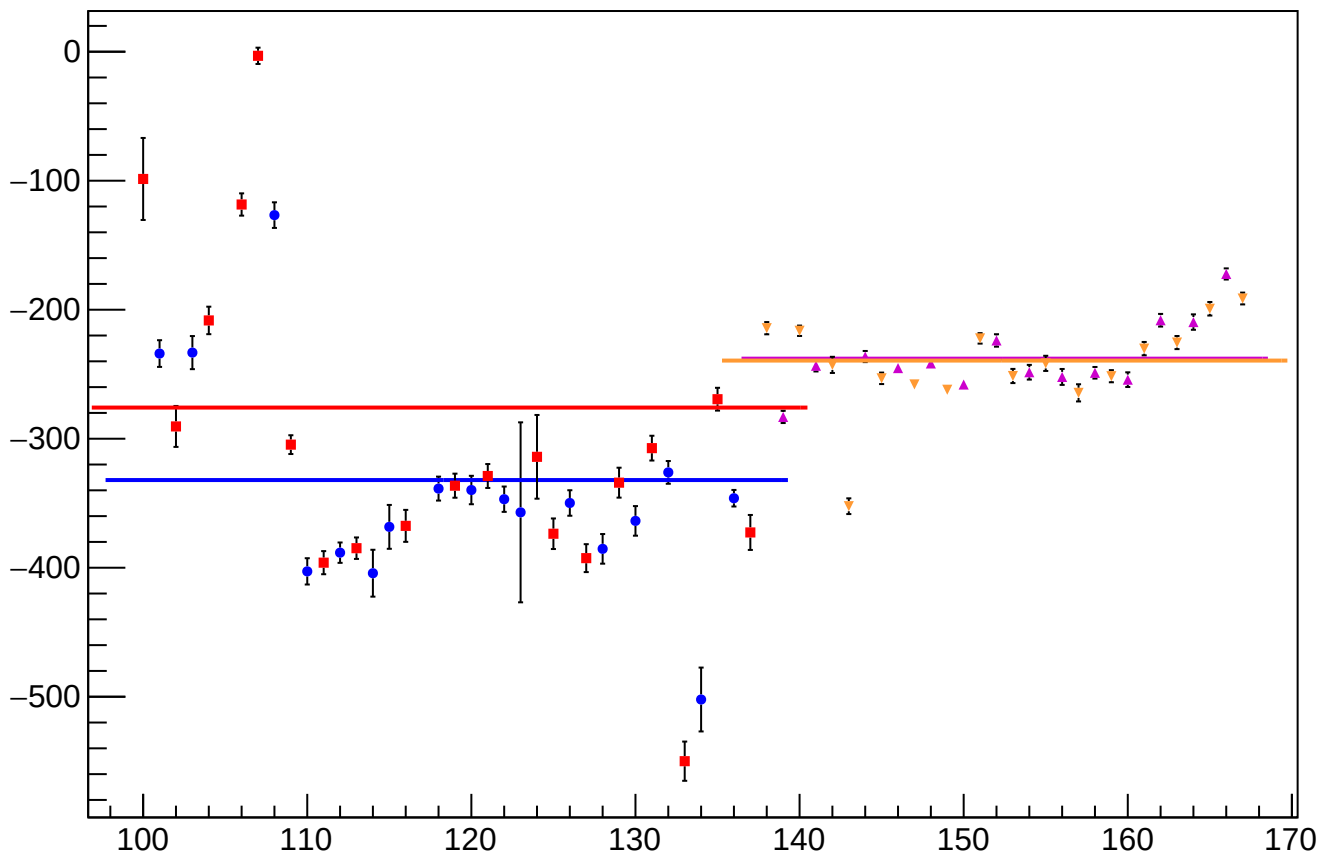
Left In: 1.342 ± 0.869 $\chi^2/\text{NDF}: 221.2/13$

+ sign 6.939 ± 0.708 $\chi^2/\text{NDF}: 834.7/32$

All: 6.660 ± 0.501 $\chi^2/\text{NDF}: 1583.0/65$

- sign 6.380 ± 0.710 $\chi^2/\text{NDF}: 748.0/32$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -239.421 ± 1.197 χ^2/NDF : 695.0/15

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

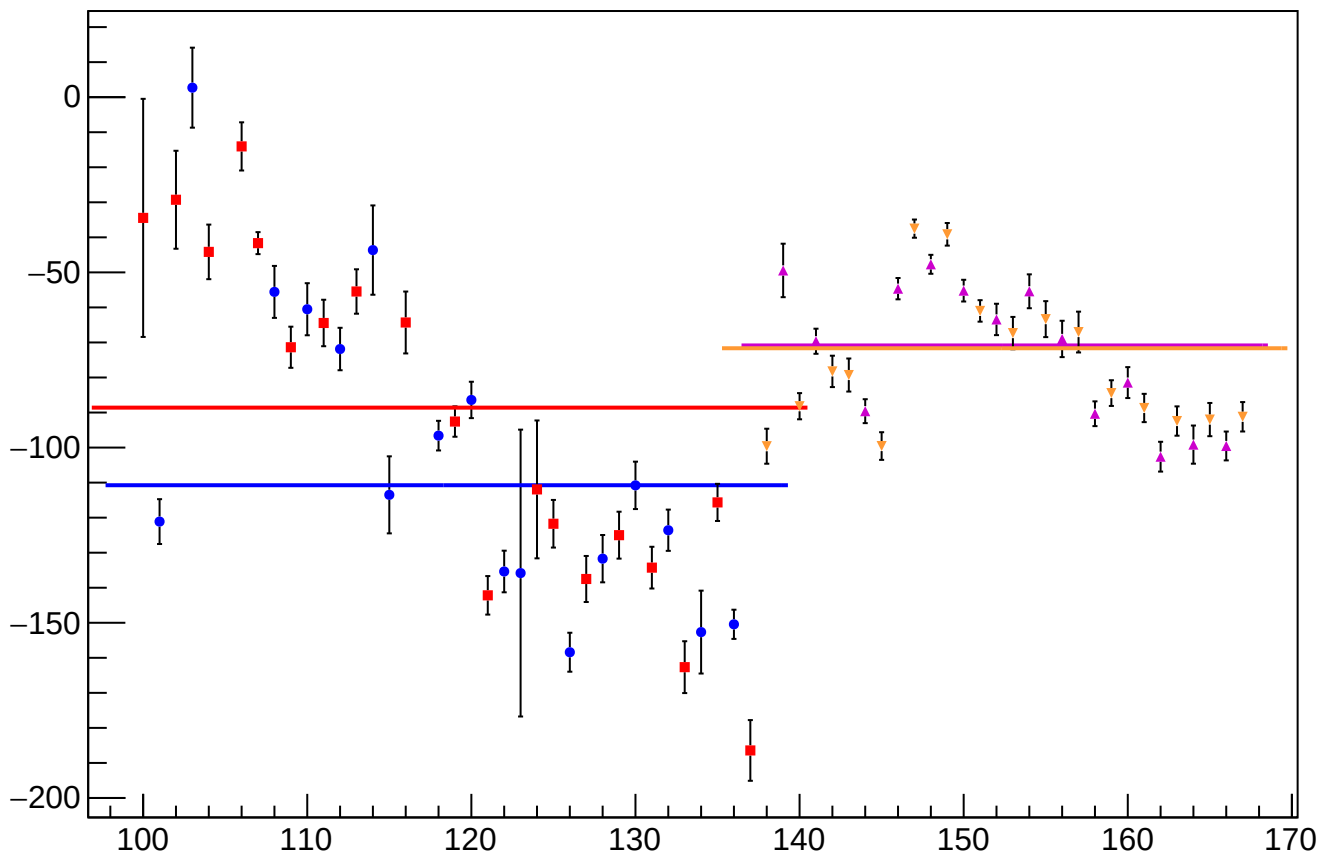
Left In: -237.936 ± 1.228 χ^2/NDF : 448.1/13

+ sign -256.026 ± 1.085 χ^2/NDF : 2552.5/32

All: -251.125 ± 0.767 χ^2/NDF : 6612.3/65

- sign -246.213 ± 1.086 χ^2/NDF : 4018.9/32

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -71.654 ± 0.986 χ^2/NDF : 490.9/15

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

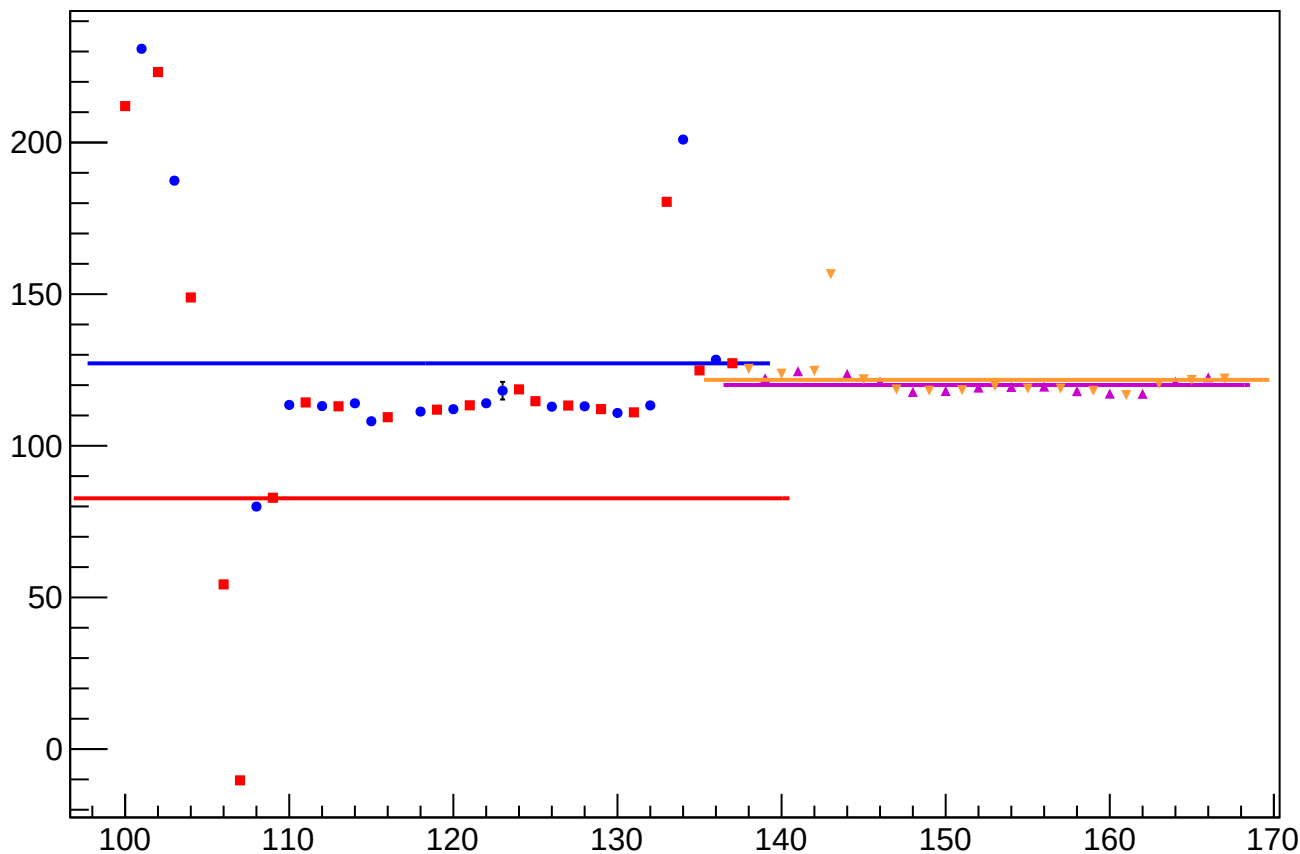
Left In: -70.854 ± 1.032 χ^2/NDF : 346.0/13

+ sign -82.628 ± 0.836 χ^2/NDF : 1445.9/32

All: -79.772 ± 0.592 χ^2/NDF : 2885.9/65

- sign -76.904 ± 0.838 χ^2/NDF : 1416.6/32

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 +/- 0.089 χ^2/NDF : 188050.9/16

Left Out: 121.743 +/- 0.048 χ^2/NDF : 23678.4/15

Right Out: 82.684 +/- 0.075 χ^2/NDF : 765716.0/18

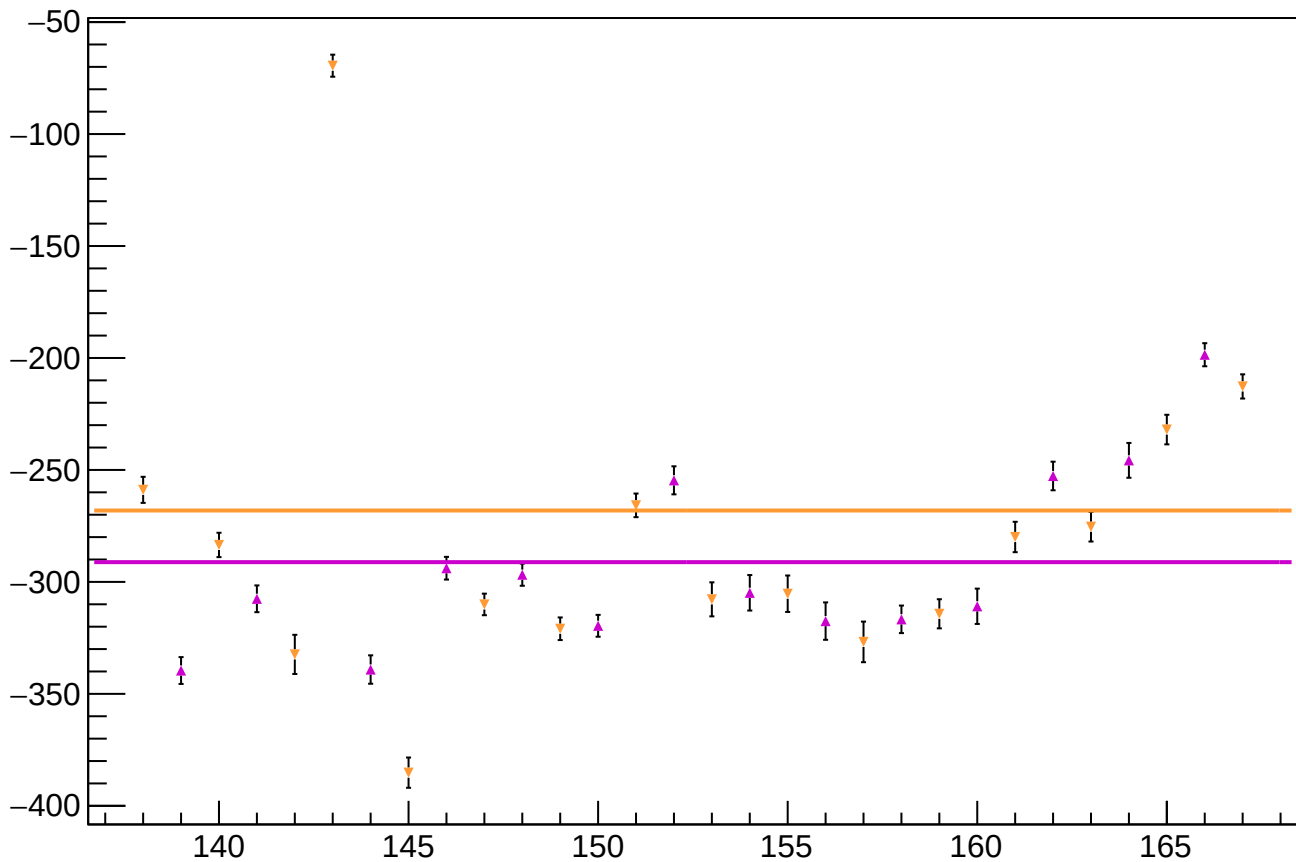
Left In: 120.053 +/- 0.049 χ^2/NDF : 2382.9/13

+ sign 122.972 +/- 0.042 χ^2/NDF : 214615.2/32

All: 115.723 +/- 0.030 χ^2/NDF : 1212268.0/65

- sign 108.844 +/- 0.041 χ^2/NDF : 940504.3/32

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -268.119+/-1.529 χ^2/NDF : 2456.6/15

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

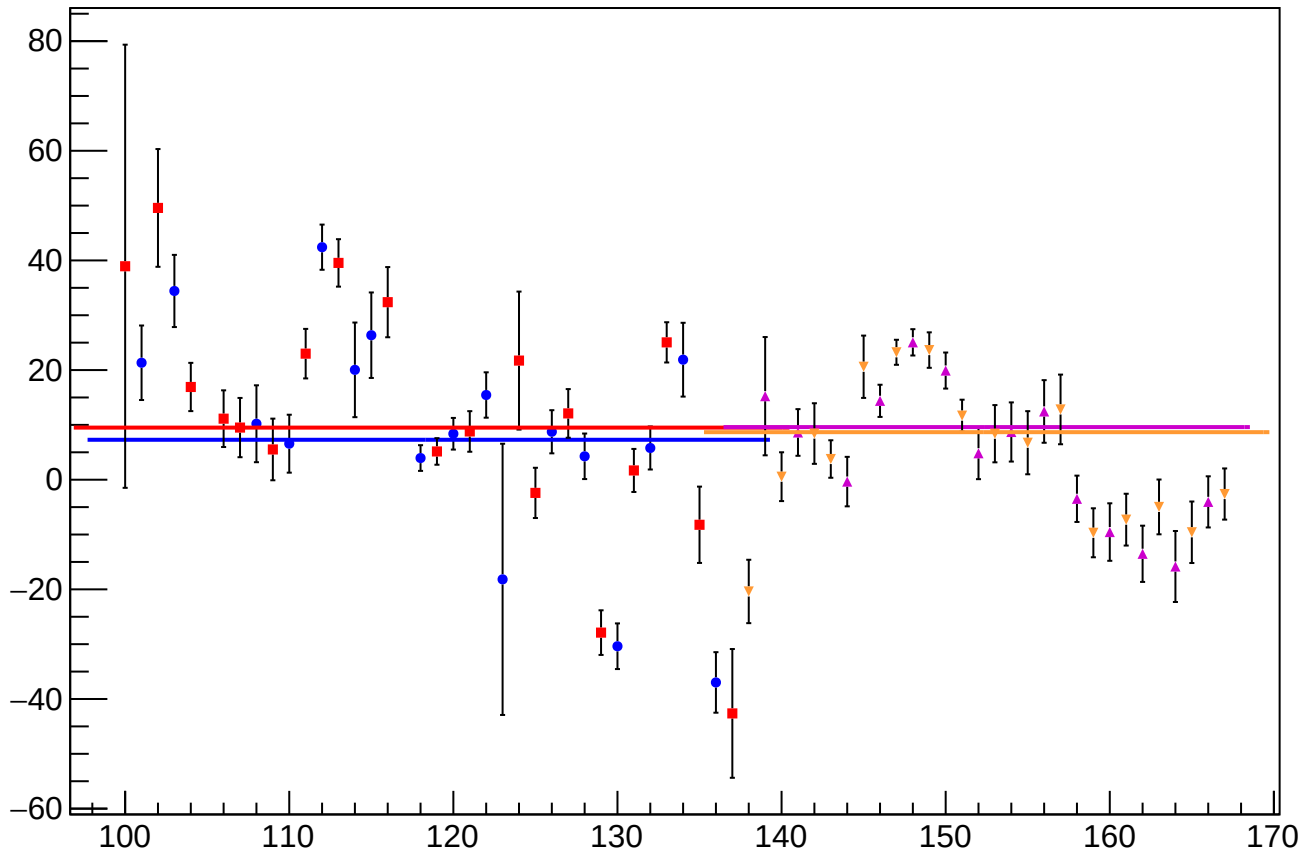
Left In: -291.180+/-1.623 χ^2/NDF : 629.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.961+/-1.113 χ^2/NDF : 3192.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284 $\pm$ 1.084 χ^2/NDF : 261.0/16

Left Out: 8.672 $\pm$ 1.032 χ^2/NDF :151.0/15

Right Out: 9.505 $\pm$ 1.074 χ^2/NDF : 231.5/18

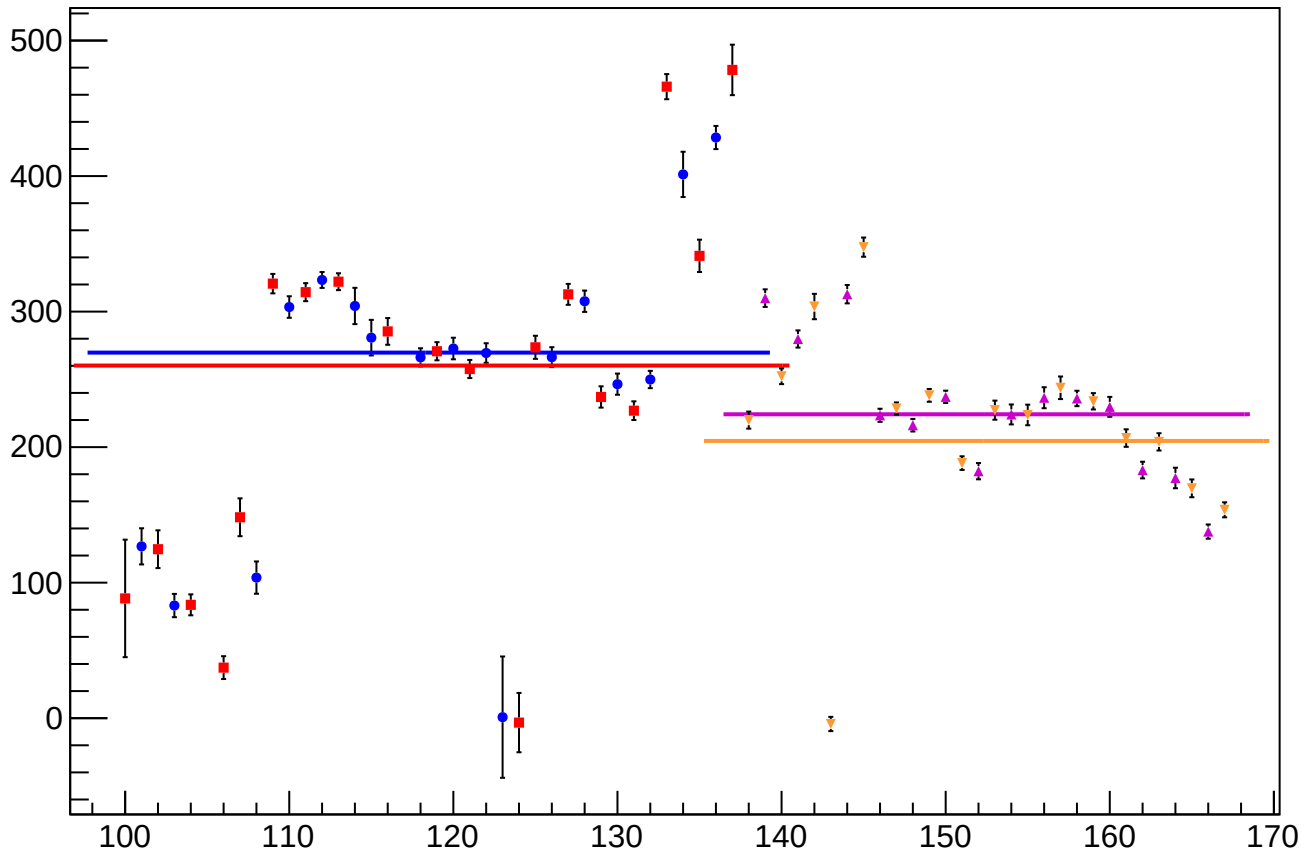
Left In: 9.599 $\pm$ 1.115 χ^2/NDF :127.6/13

+ sign 8.012 $\pm$ 0.747 χ^2/NDF : 412.8/32

All: 8.755 $\pm$ 0.537 χ^2/NDF : 774.0/65

- sign 9.550 $\pm$ 0.774 χ^2/NDF : 359.2/32

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 ± 2.071 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 204.567 ± 1.508 $\chi^2/\text{NDF}: 2437.5/15$

Right Out: 260.206 ± 1.978 $\chi^2/\text{NDF}: 2541.6/18$

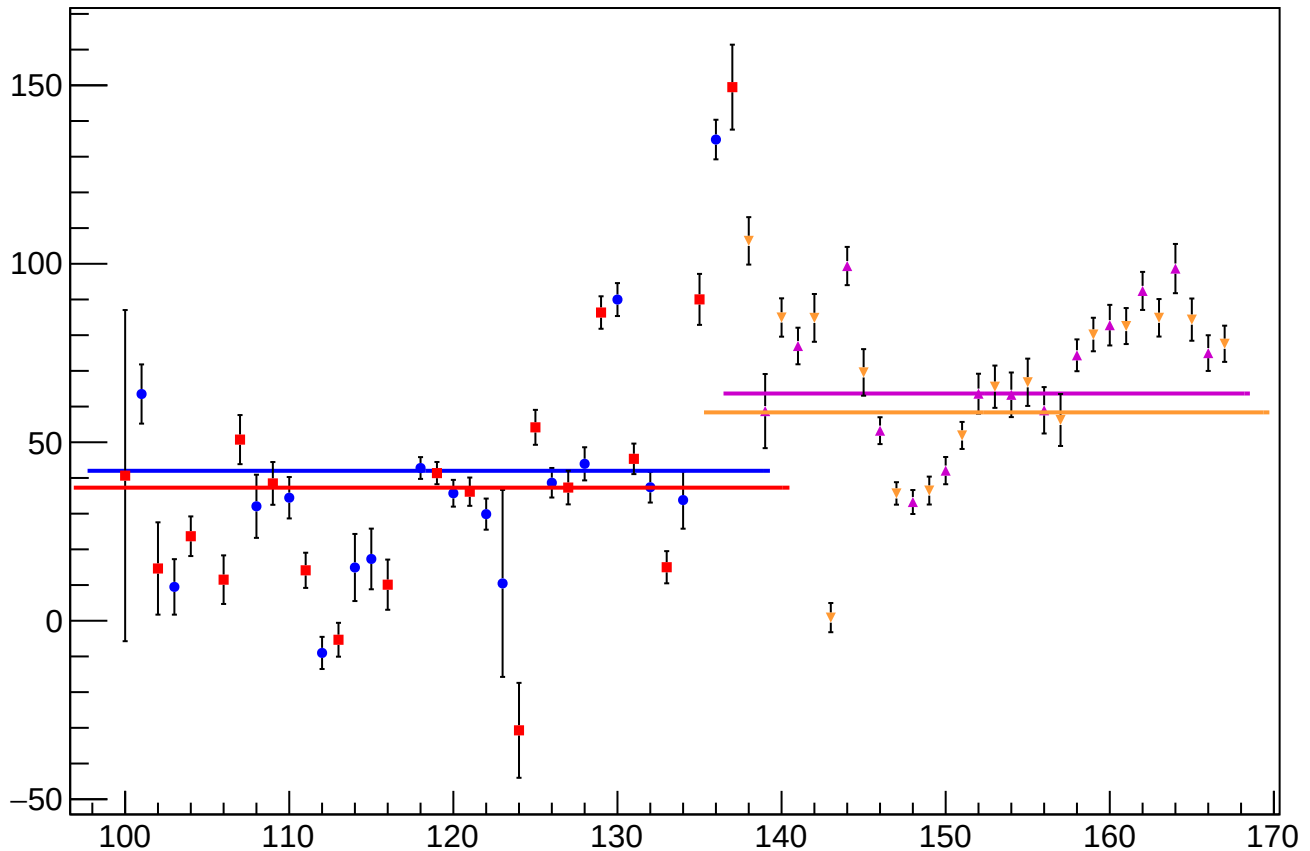
Left In: 224.242 ± 1.581 $\chi^2/\text{NDF}: 843.9/13$

+ sign 227.139 ± 1.219 $\chi^2/\text{NDF}: 4458.9/32$

All: 232.628 ± 0.868 $\chi^2/\text{NDF}: 8087.2/65$

- sign 238.263 ± 1.235 $\chi^2/\text{NDF}: 3587.2/32$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2 /NDF: 575.6/16

Left Out: 58.372 $\pm$ 1.234 χ^2 /NDF: 486.0/15

Right Out: 37.284 $\pm$ 1.237 χ^2 /NDF: 472.6/18

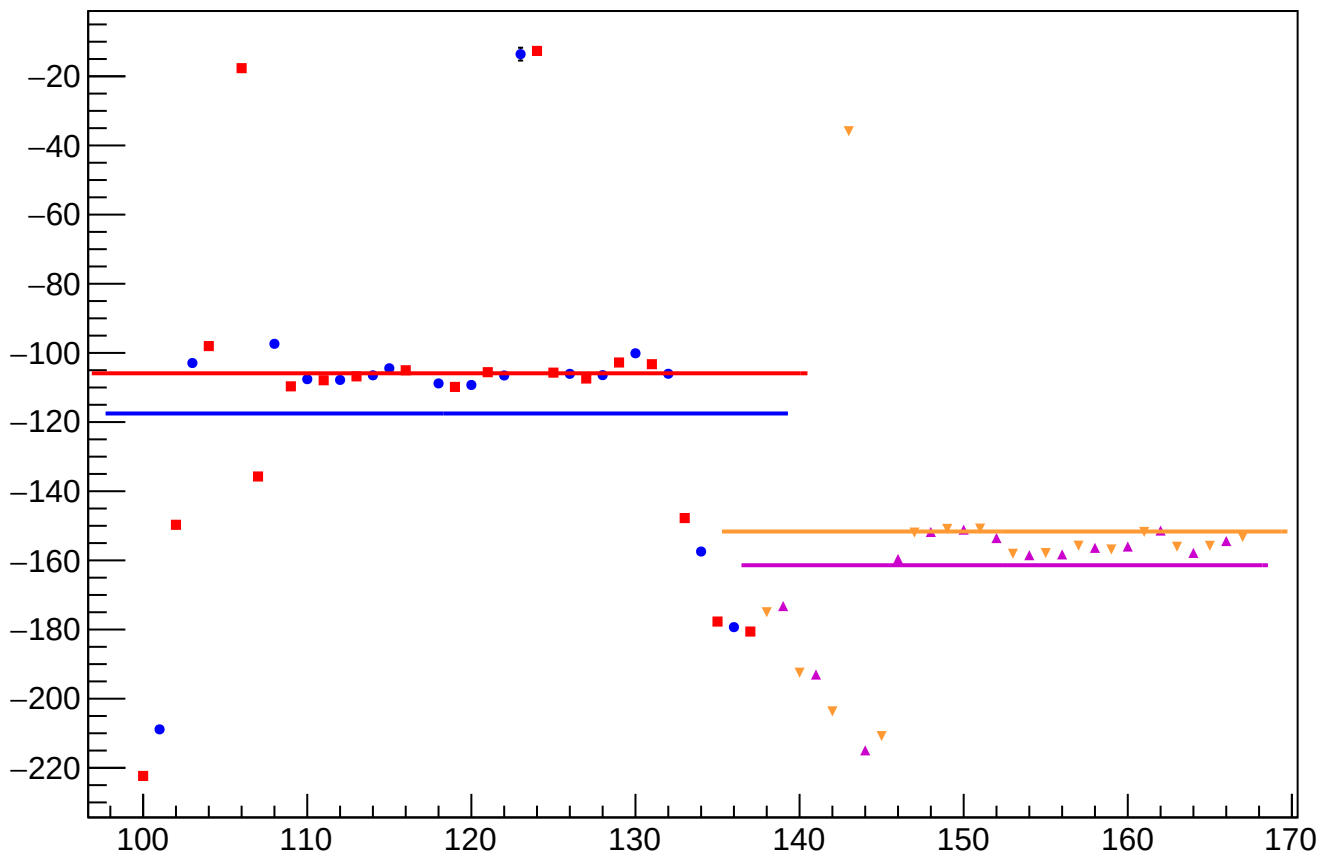
Left In: 63.658 $\pm$ 1.326 χ^2 /NDF: 250.6/13

+ sign 50.333 $\pm$ 0.880 χ^2 /NDF: 1148.0/32

All: 49.958 $\pm$ 0.631 χ^2 /NDF: 2083.2/65

- sign 49.561 $\pm$ 0.904 χ^2 /NDF: 934.8/32

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -151.650+/-0.061 χ^2/NDF : 403935.3/15

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

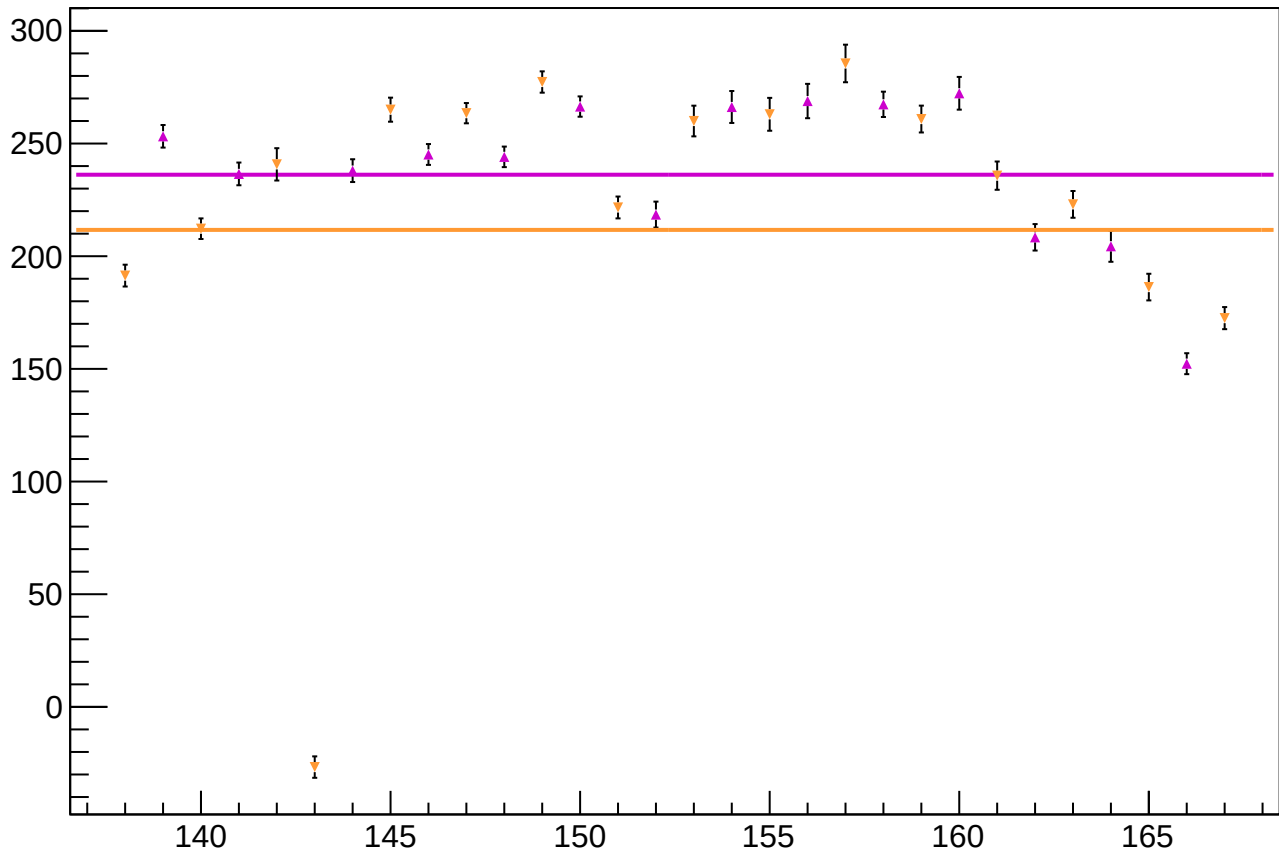
Left In: -161.403+/-0.064 χ^2/NDF : 60594.9/13

+ sign -138.777+/-0.048 χ^2/NDF : 665234.2/32

All: -138.094+/-0.034 χ^2/NDF : 1380692.1/65

- sign -137.412+/-0.048 χ^2/NDF : 715051.6/32

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 211.675+/-1.370 χ^2/NDF : 3324.0/15

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

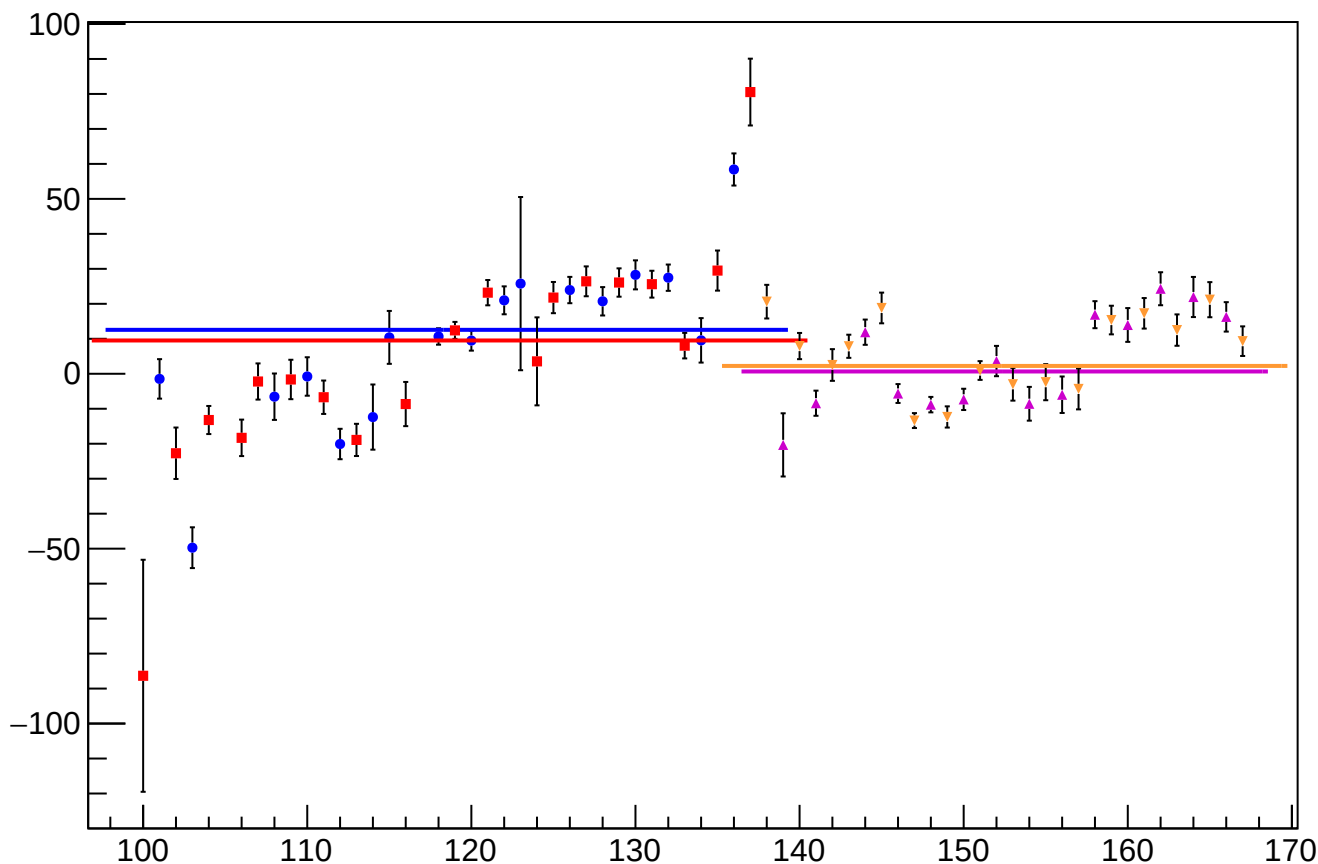
Left In: 236.162+/-1.448 χ^2/NDF : 534.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.238+/-0.995 χ^2/NDF : 4008.9/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 $\pm$ 1.056 χ^2/NDF : 347.7/16

Left Out: 2.243 $\pm$ 0.935 χ^2/NDF : 158.9/15

Right Out: 9.519 $\pm$ 1.051 χ^2/NDF : 296.2/18

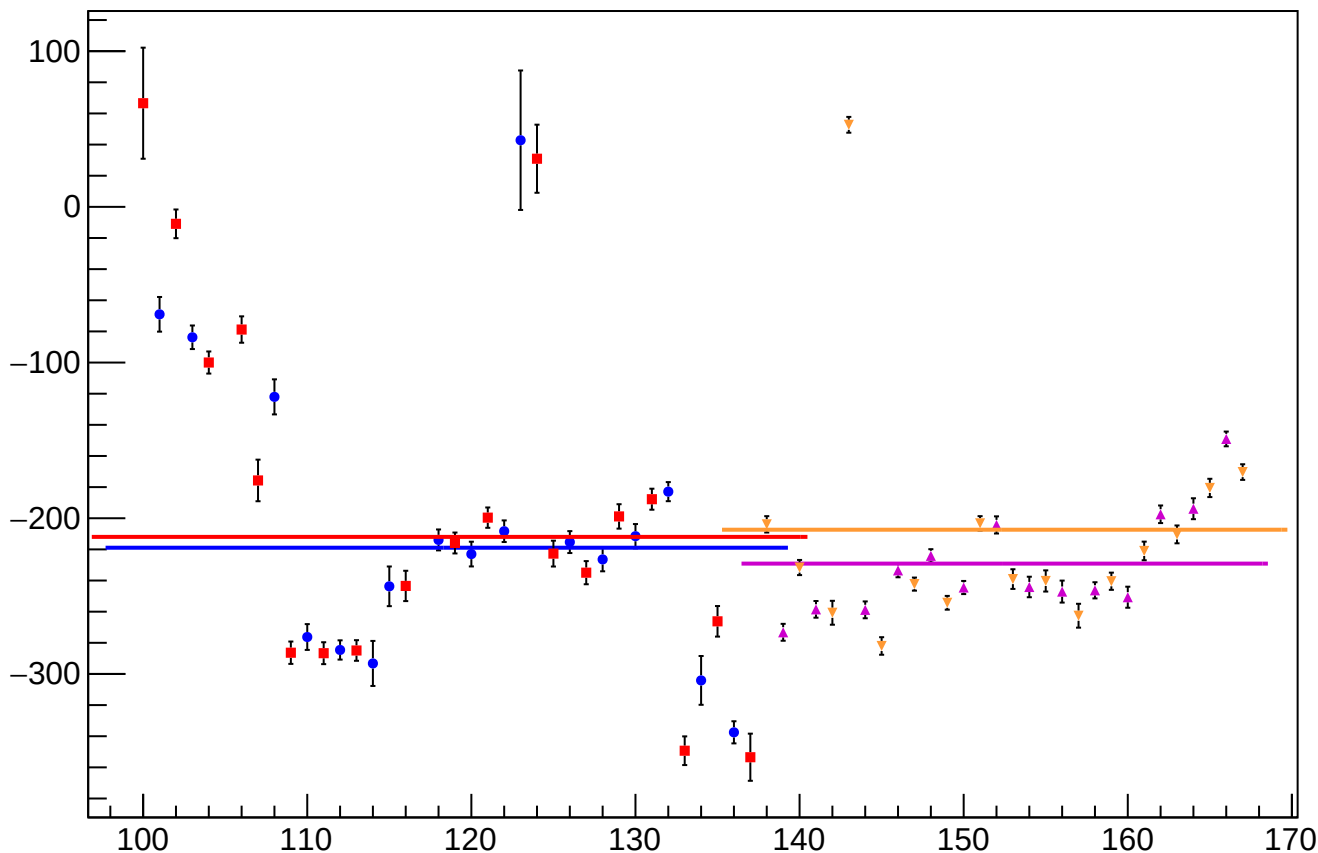
Left In: 0.655 $\pm$ 1.004 χ^2/NDF : 135.9/13

+ sign 6.777 $\pm$ 0.700 χ^2/NDF : 560.2/32

All: 5.867 $\pm$ 0.504 χ^2/NDF : 1033.0/65

- sign 4.887 $\pm$ 0.726 χ^2/NDF : 469.3/32

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -207.360 ± 1.356 $\chi^2/\text{NDF}: 3274.3/15$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

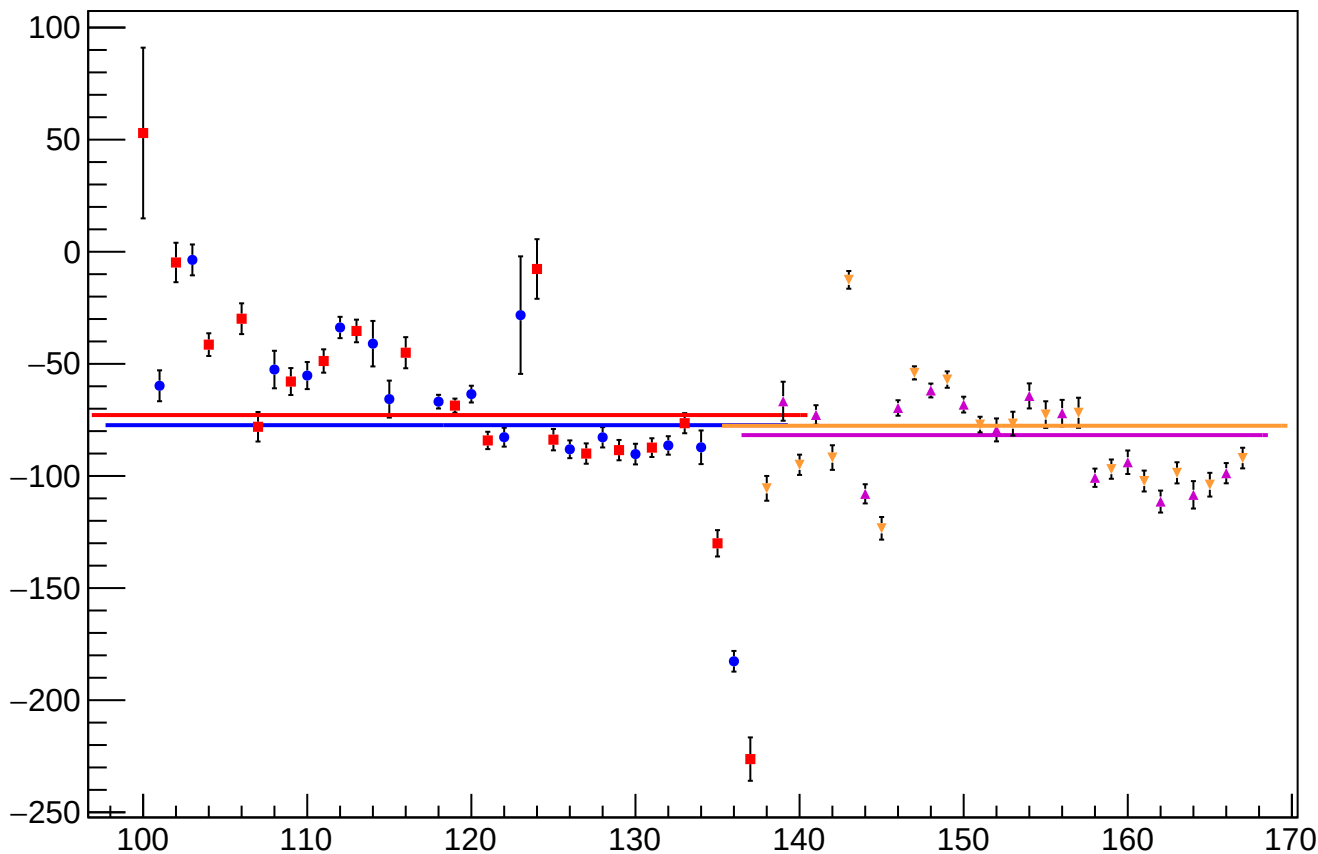
Left In: -229.131 ± 1.417 $\chi^2/\text{NDF}: 540.0/13$

+ sign -210.988 ± 1.123 $\chi^2/\text{NDF}: 4443.8/32$

All: -216.950 ± 0.800 $\chi^2/\text{NDF}: 6978.8/65$

- sign -223.099 ± 1.141 $\chi^2/\text{NDF}: 2477.8/32$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -77.601 ± 1.115 χ^2/NDF : 600.2/15

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

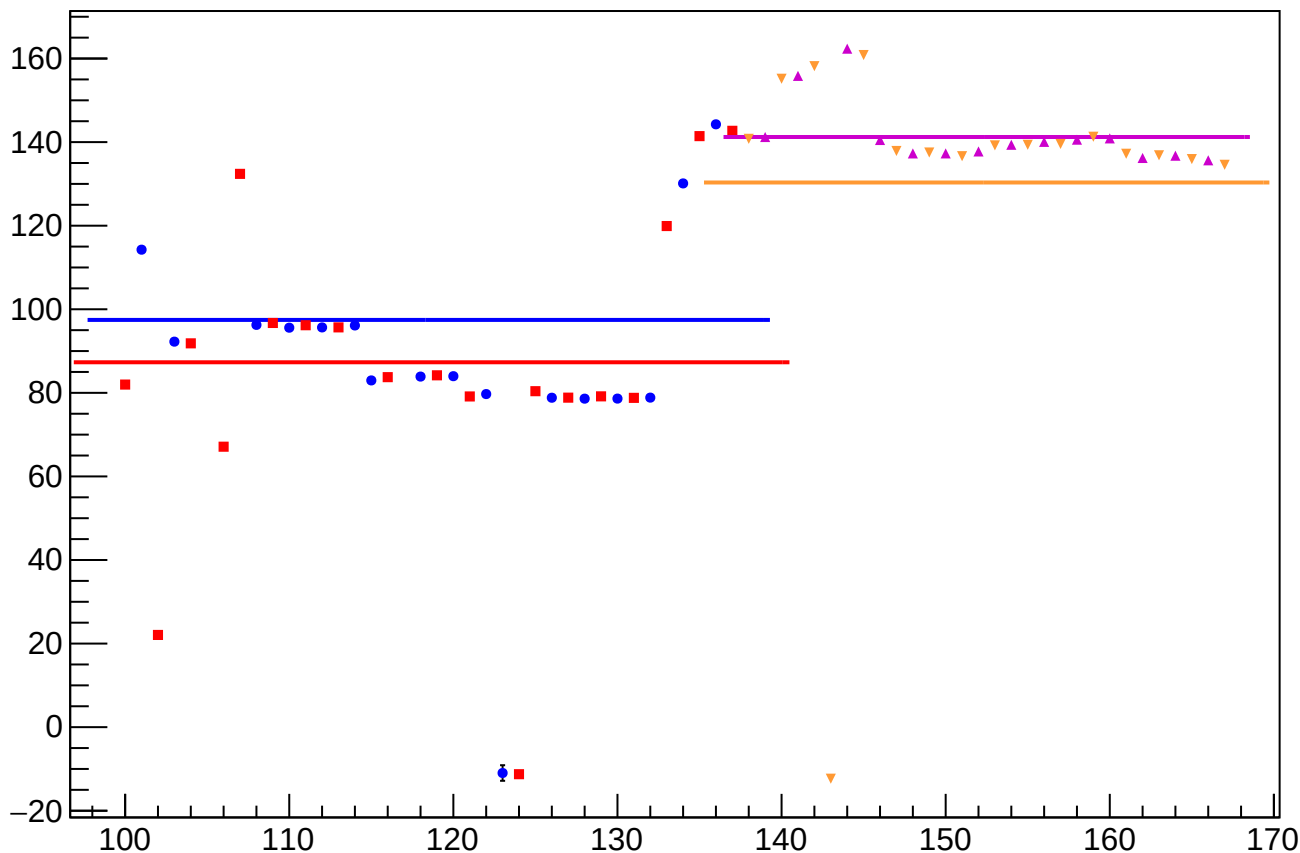
Left In: -81.777 ± 1.193 χ^2/NDF : 223.0/13

+ sign -77.483 ± 0.823 χ^2/NDF : 1417.5/32

All: -77.426 ± 0.591 χ^2/NDF : 2341.2/65

- sign -77.366 ± 0.849 χ^2/NDF : 923.6/32

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 130.337 $\pm$ 0.055 χ^2 /NDF: 550608.3/15

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

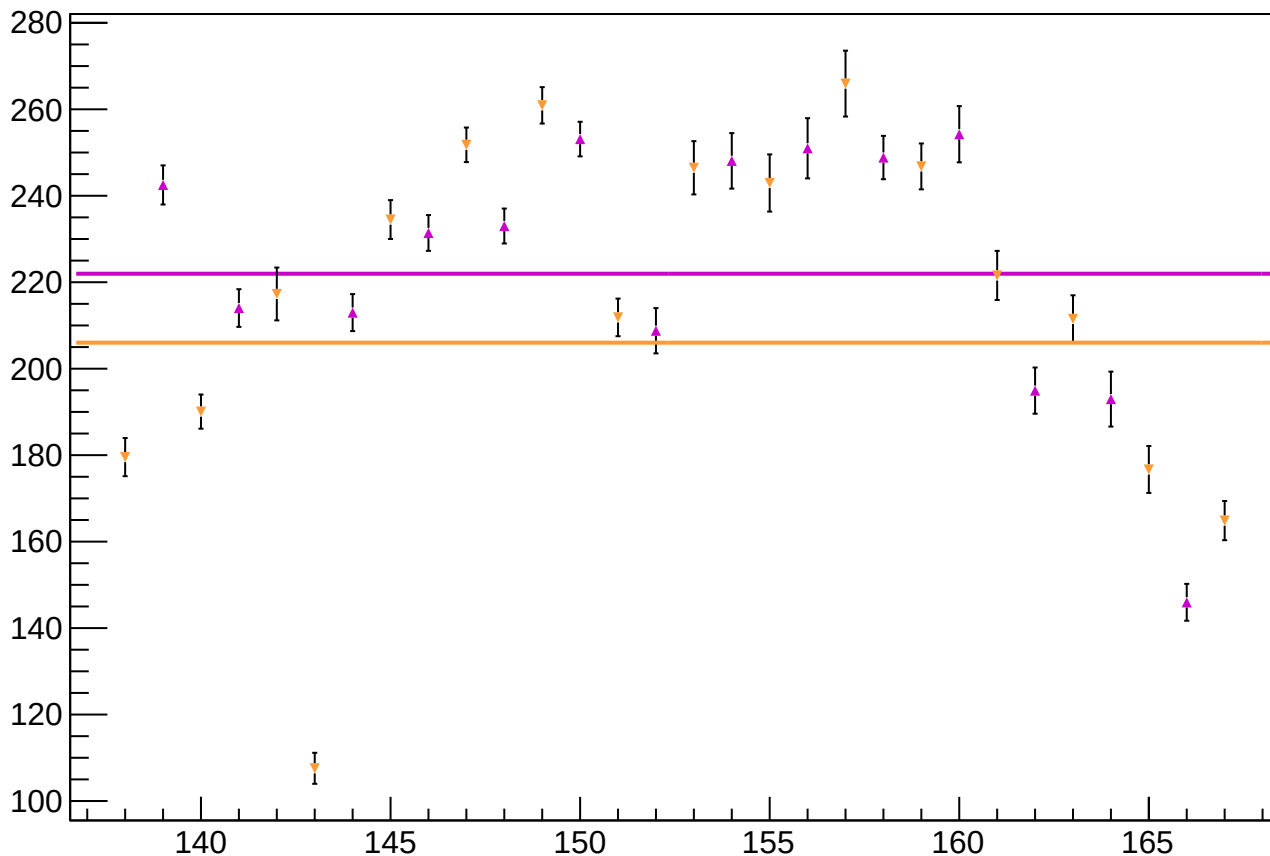
Left In: 141.224 $\pm$ 0.057 χ^2 /NDF: 15296.9/13

+ sign 118.614 $\pm$ 0.044 χ^2 /NDF: 774733.7/32

All: 118.870 $\pm$ 0.031 χ^2 /NDF: 1380187.9/65

- sign 119.125 $\pm$ 0.044 χ^2 /NDF: 605385.8/32

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: 206.019+/-1.204 χ^2/NDF :1468.3/15

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

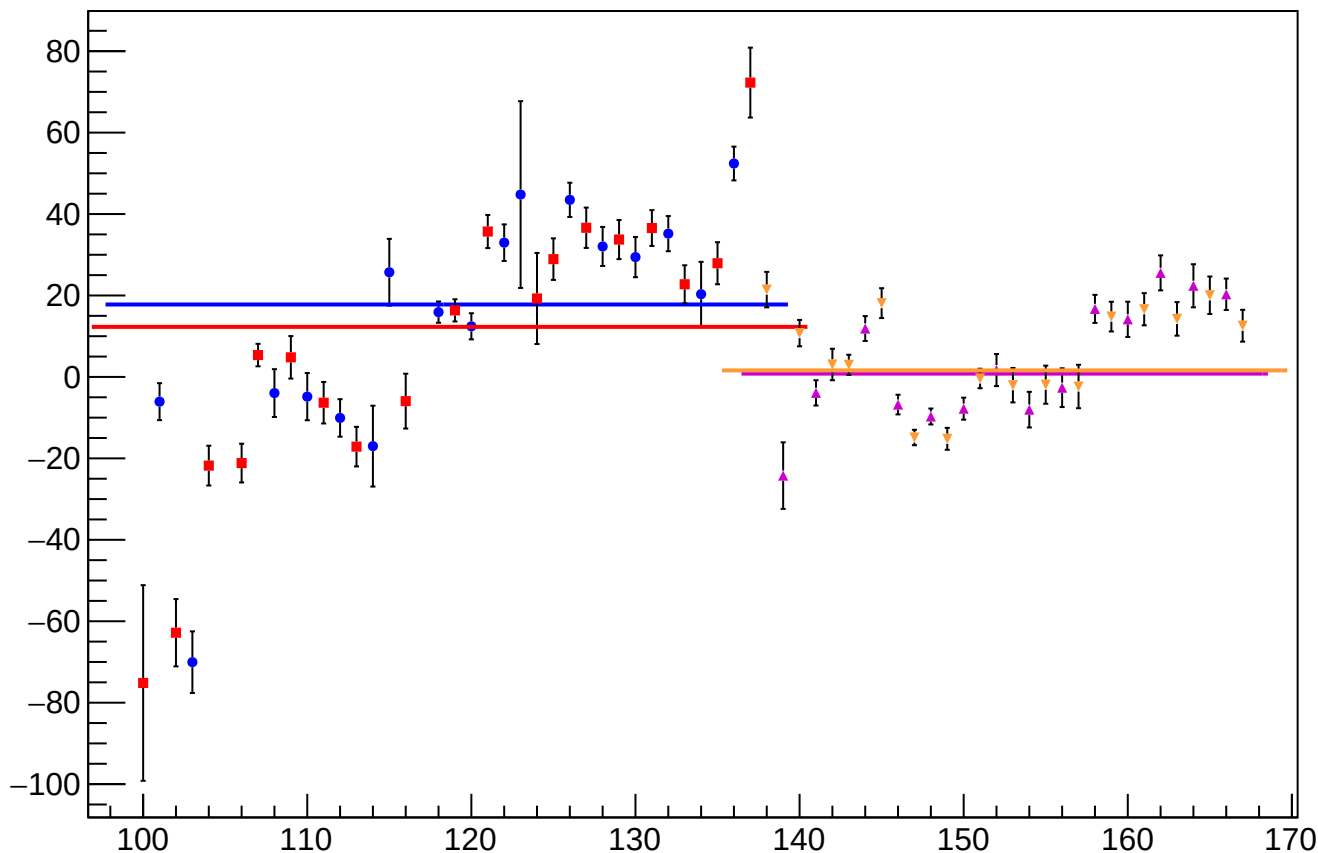
Left In: 221.970+/-1.293 χ^2/NDF :559.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.421+/-0.881 χ^2/NDF : 2109.2/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.604 $\pm$ 0.819 χ^2 /NDF:227.5/15

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

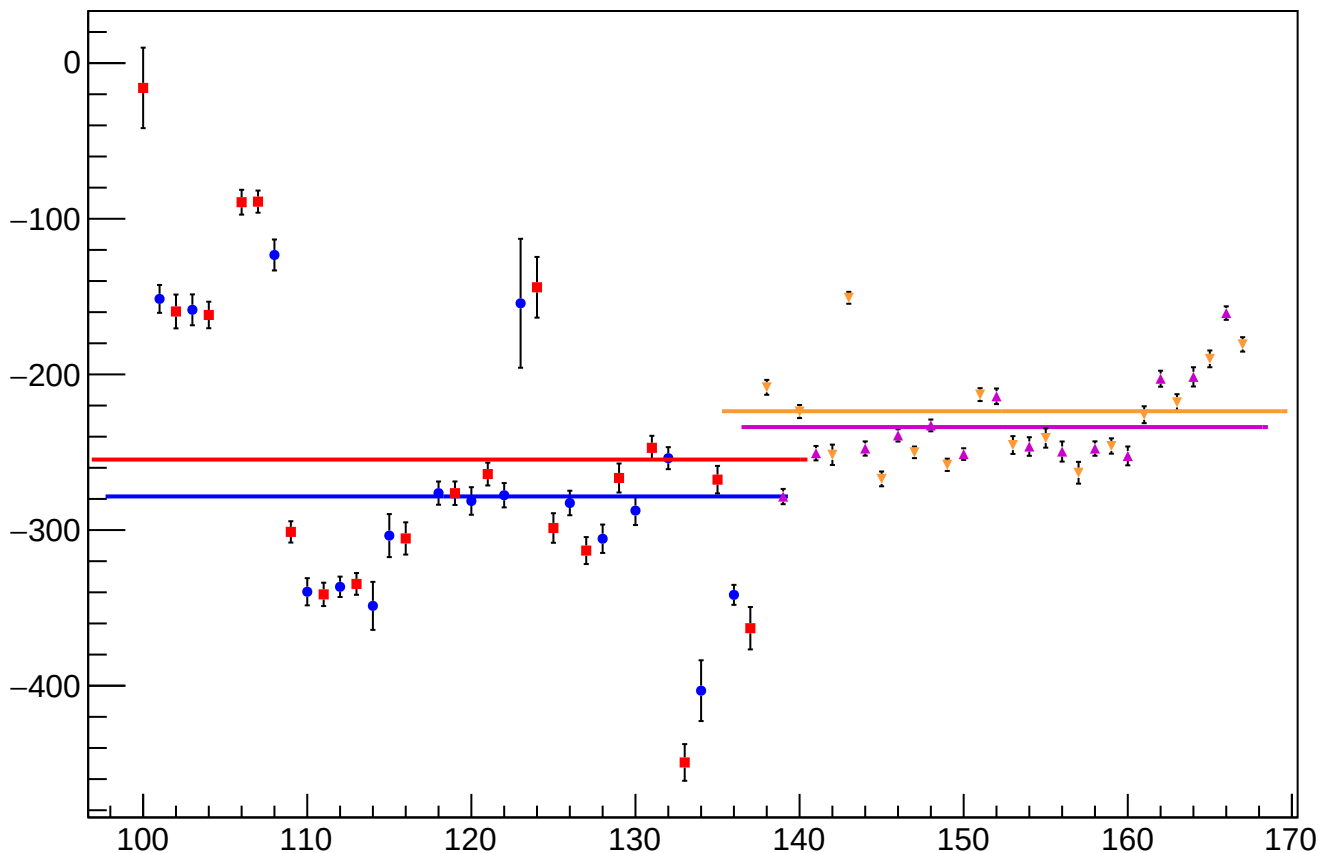
Left In: 0.815 $\pm$ 0.894 χ^2 /NDF:184.6/13

+ sign 7.073 $\pm$ 0.666 χ^2 /NDF: 754.5/32

All: 6.290 $\pm$ 0.479 χ^2 /NDF: 1452.4/65

- sign 5.451 $\pm$ 0.690 χ^2 /NDF: 695.0/32

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: -223.649 ± 1.195 χ^2/NDF : 808.5/15

Right Out: -254.703 ± 2.020 χ^2/NDF : 2038.5/18

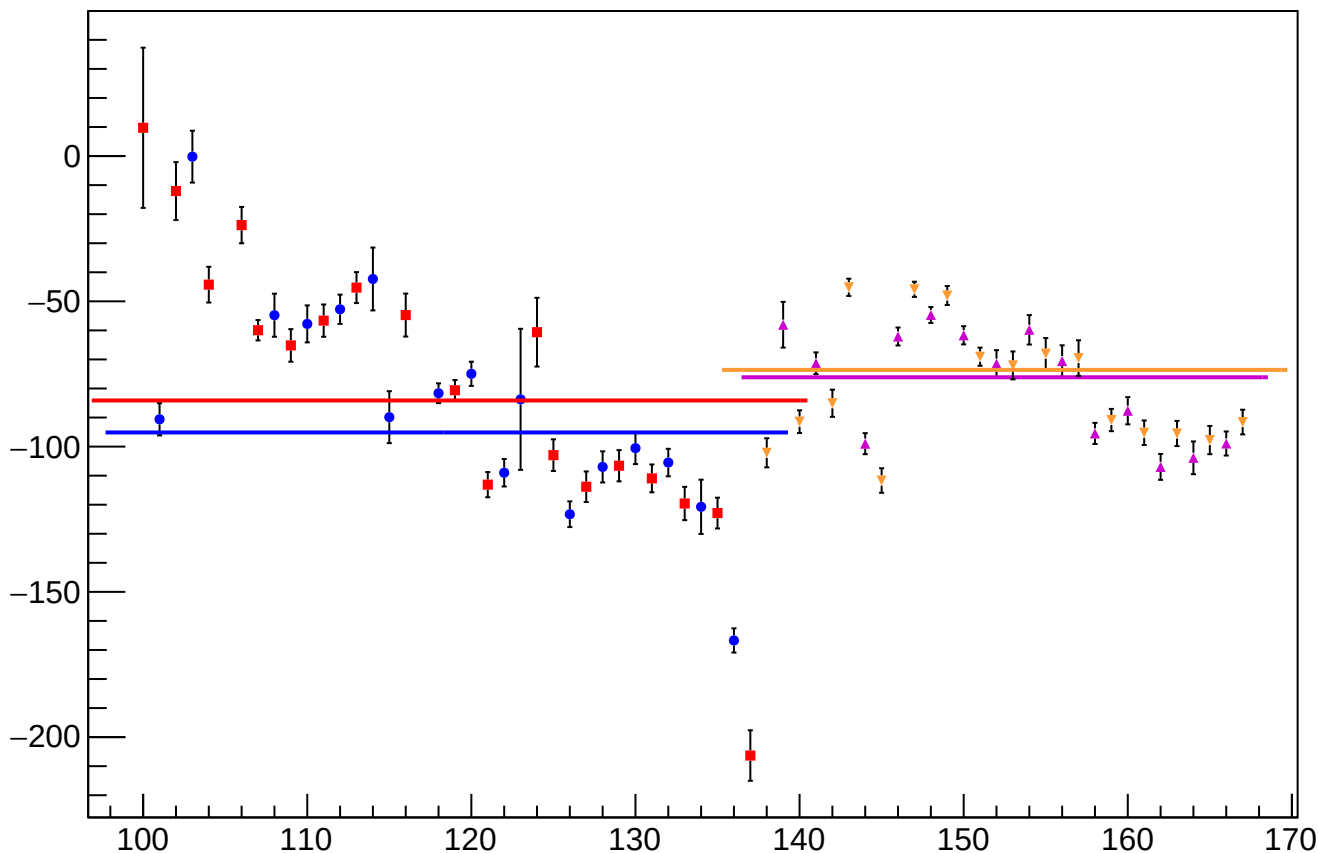
Left In: -233.826 ± 1.266 χ^2/NDF : 520.8/13

+ sign -236.413 ± 1.047 χ^2/NDF : 2208.2/32

All: -238.023 ± 0.749 χ^2/NDF : 4849.1/65

- sign -239.714 ± 1.073 χ^2/NDF : 2636.0/32

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: -73.597 ± 0.979 χ^2/NDF : 525.2/15

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

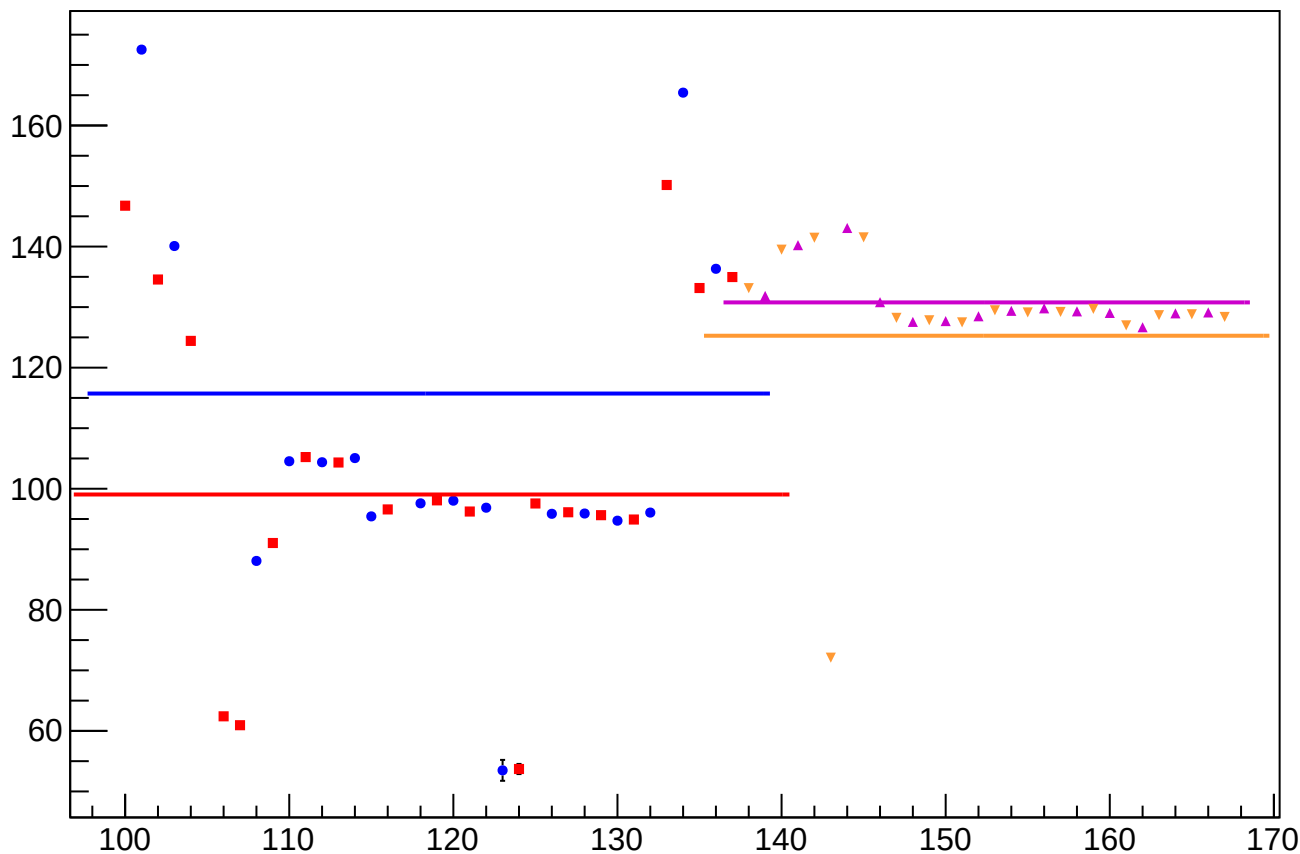
Left In: -76.140 ± 1.063 χ^2/NDF : 299.3/13

+ sign -81.219 ± 0.787 χ^2/NDF : 1371.5/32

All: -80.369 ± 0.565 χ^2/NDF : 2479.5/65

- sign -79.464 ± 0.812 χ^2/NDF : 1105.6/32

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724 $\pm$ 0.078 χ^2 /NDF: 106388.1/16

Left Out: 125.271 $\pm$ 0.048 χ^2 /NDF:142328.5/15

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

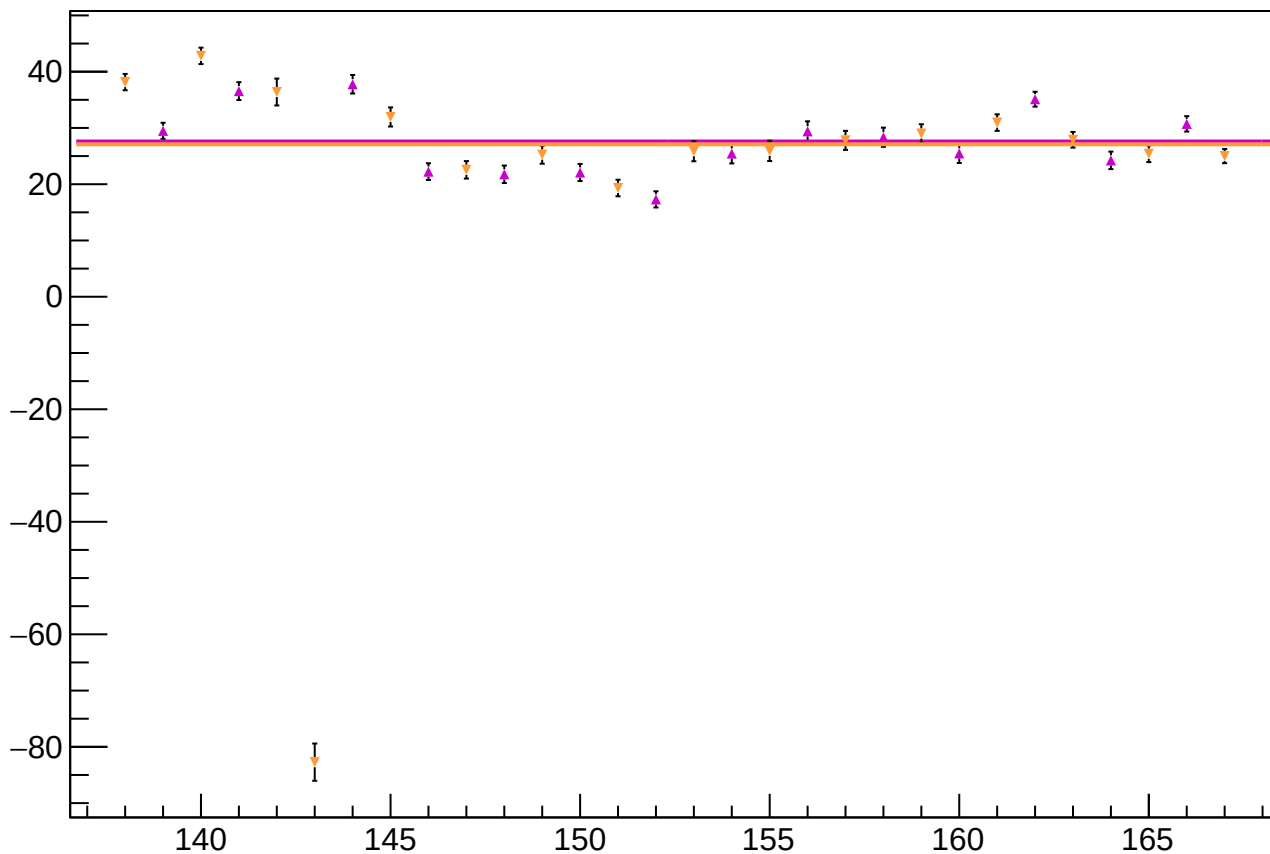
Left In: 130.777 $\pm$ 0.051 χ^2 /NDF:8000.1/13

+ sign 122.637 $\pm$ 0.041 χ^2 /NDF: 259571.9/32

All: 121.060 $\pm$ 0.029 χ^2 /NDF: 582200.4/65

- sign 119.491 $\pm$ 0.041 χ^2 /NDF: 319670.6/32

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 27.097+/-0.401 χ^2/NDF :1349.2/15

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

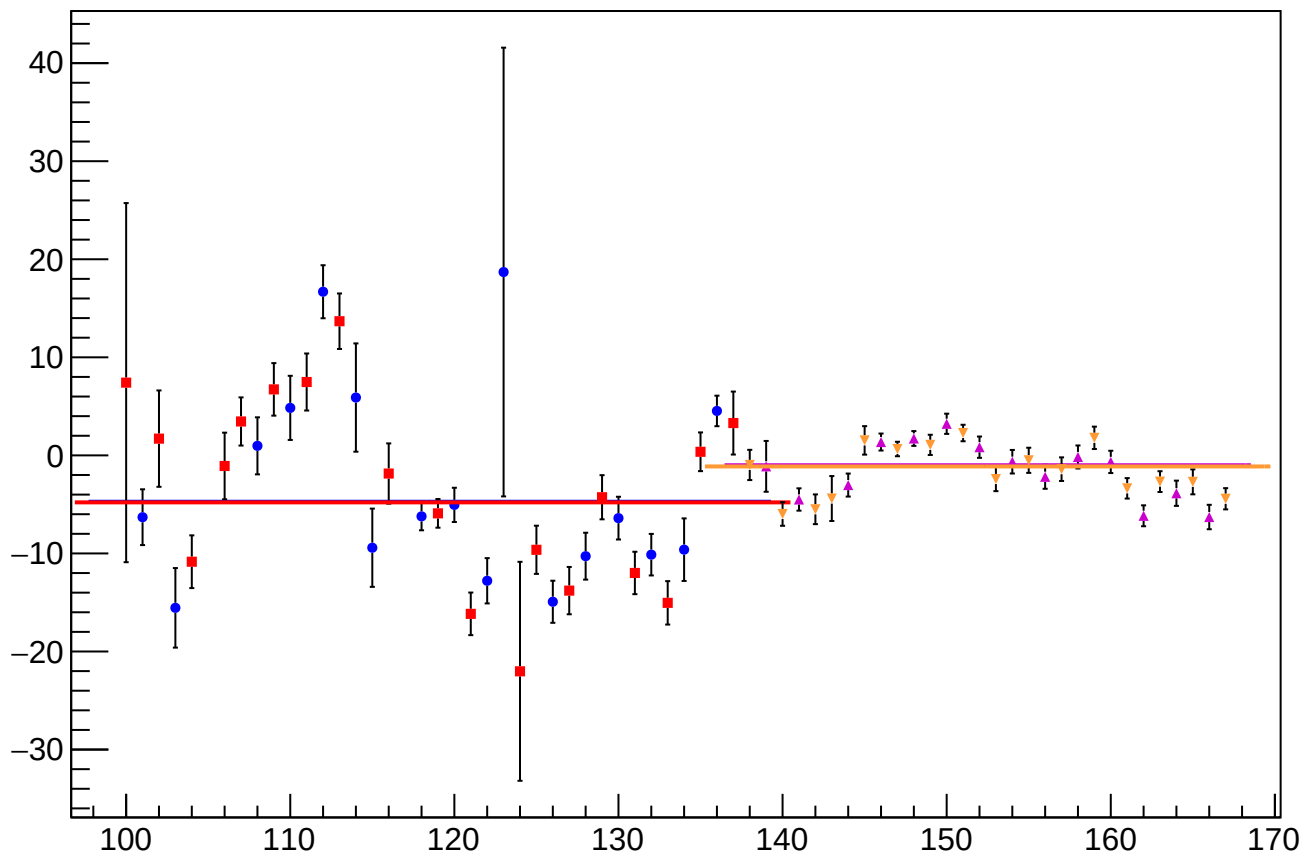
Left In: 27.593+/-0.412 χ^2/NDF :209.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.338+/-0.287 χ^2/NDF : 1559.8/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -1.129 ± 0.284 χ^2/NDF : 82.2/15

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

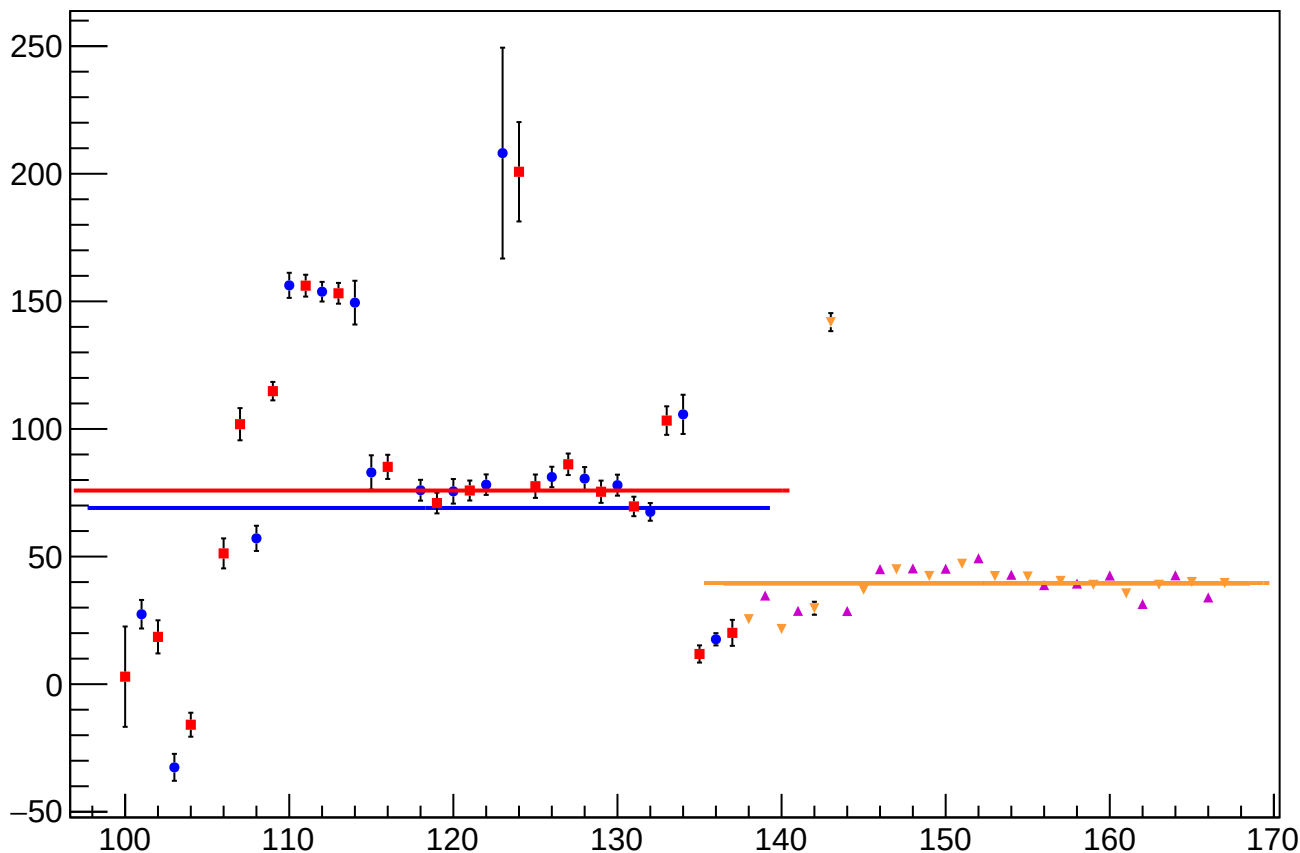
Left In: -1.007 ± 0.295 χ^2/NDF : 100.6/13

+ sign -1.826 ± 0.255 χ^2/NDF : 288.1/32

All: -1.800 ± 0.183 χ^2/NDF : 615.5/65

- sign -1.772 ± 0.263 χ^2/NDF : 327.4/32

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: 39.630+/-0.393 χ^2/NDF : 1129.5/15

Right Out: 75.878+/-1.069 χ^2/NDF : 1895.0/18

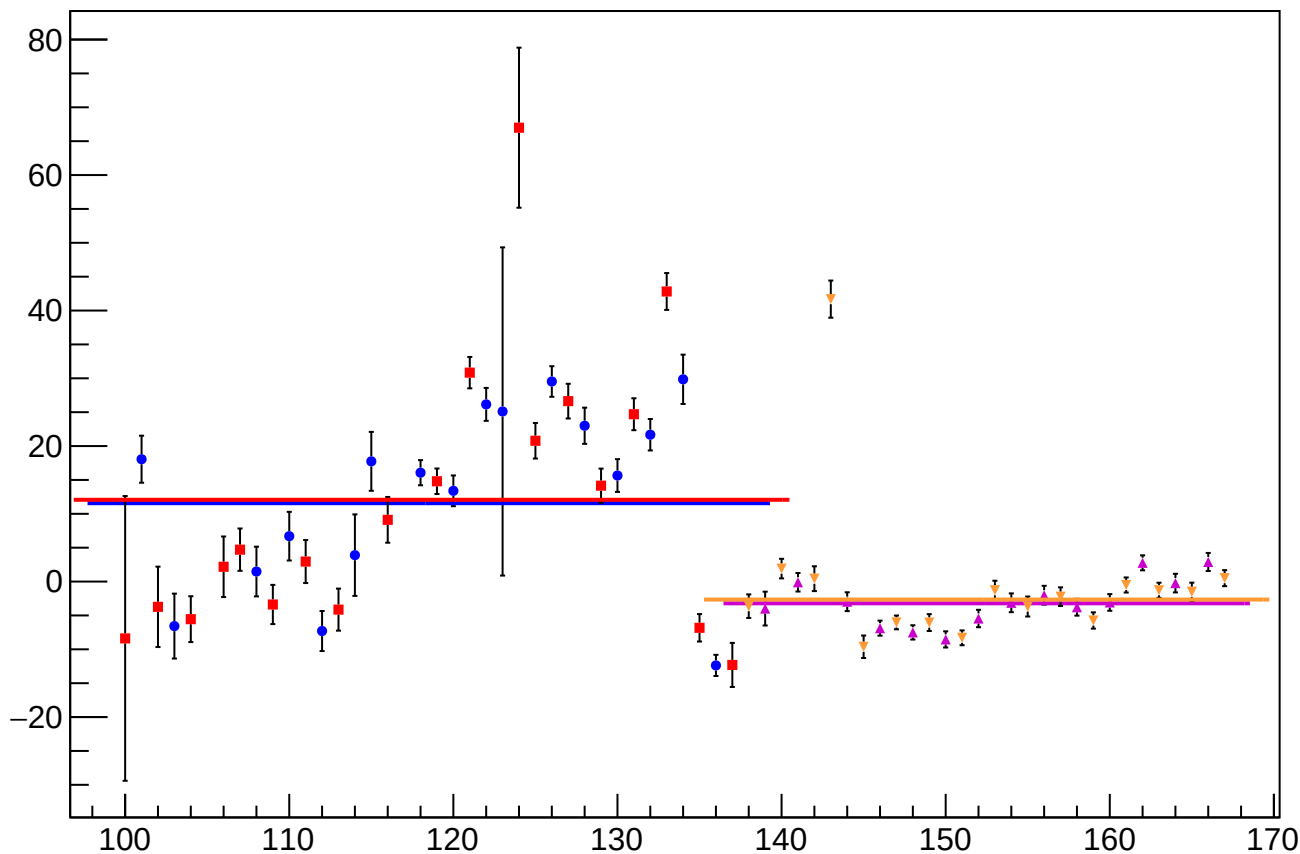
Left In: 39.521+/-0.402 χ^2/NDF : 255.5/13

+ sign 43.093+/-0.369 χ^2/NDF : 3636.1/32

All: 43.548+/-0.264 χ^2/NDF : 6802.4/65

- sign 44.019+/-0.376 χ^2/NDF : 3163.2/32

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -2.656 $\pm$ 0.331 χ^2 /NDF: 358.6/15

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

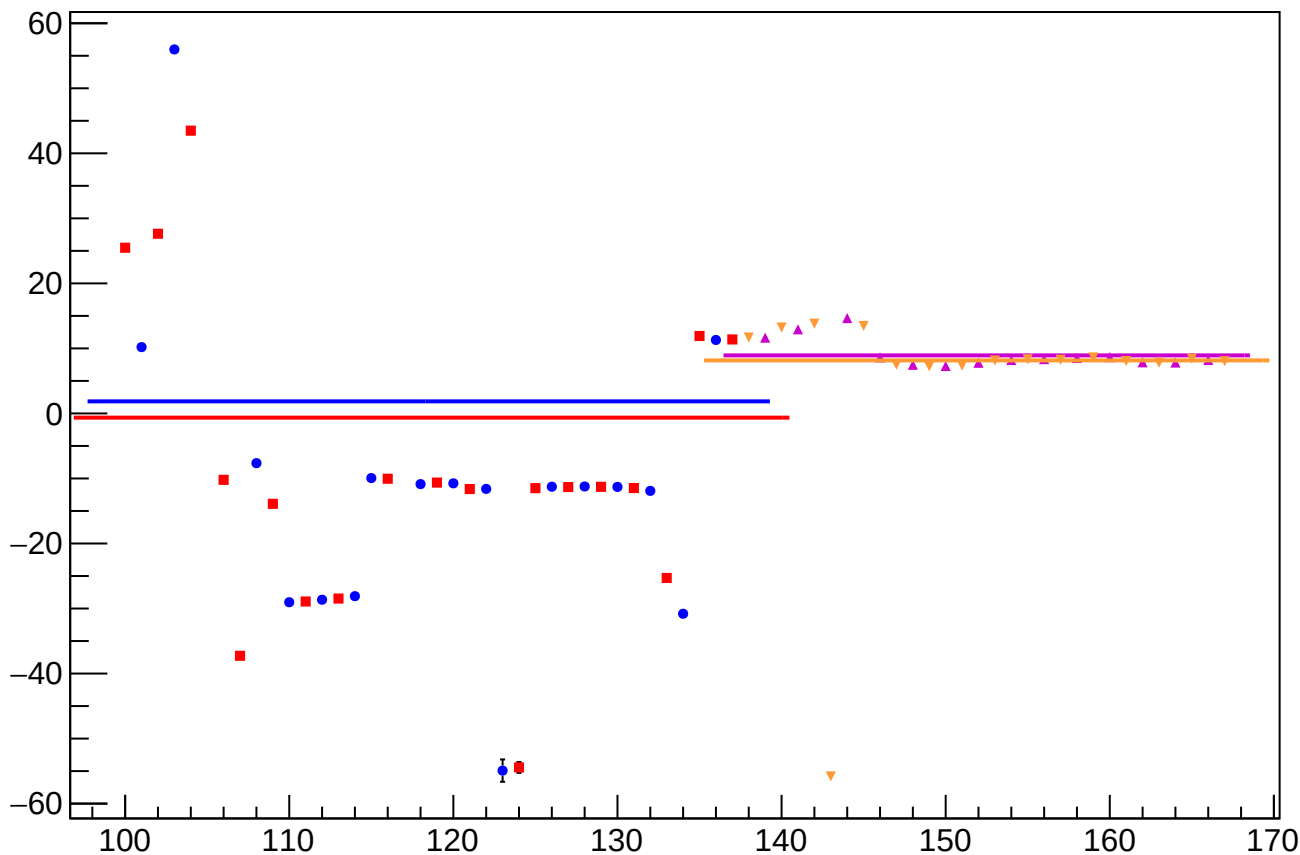
Left In: -3.212 $\pm$ 0.343 χ^2 /NDF: 111.5/13

+ sign 0.214 $\pm$ 0.296 χ^2 /NDF: 1209.3/32

All: 0.114 $\pm$ 0.212 χ^2 /NDF: 2281.9/65

- sign 0.007 $\pm$ 0.305 χ^2 /NDF: 1072.3/32

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 1.855 ± 0.037 χ^2/NDF : 359414.1/16

Left Out: 8.153 ± 0.015 χ^2/NDF : 222585.6/15

Right Out: -0.644 ± 0.037 χ^2/NDF : 361625.7/18

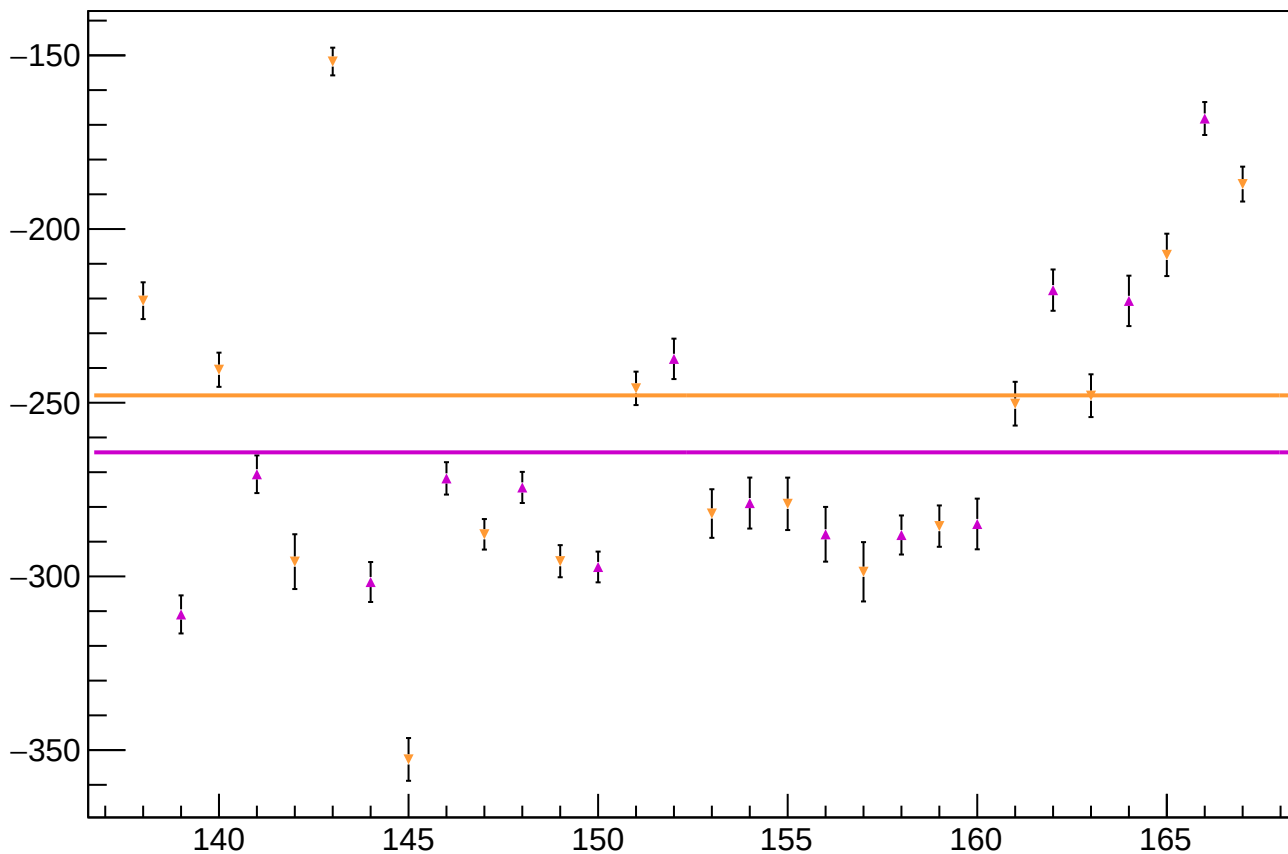
Left In: 8.926 ± 0.016 χ^2/NDF : 14468.6/13

+ sign 7.216 ± 0.014 χ^2/NDF : 606667.0/32

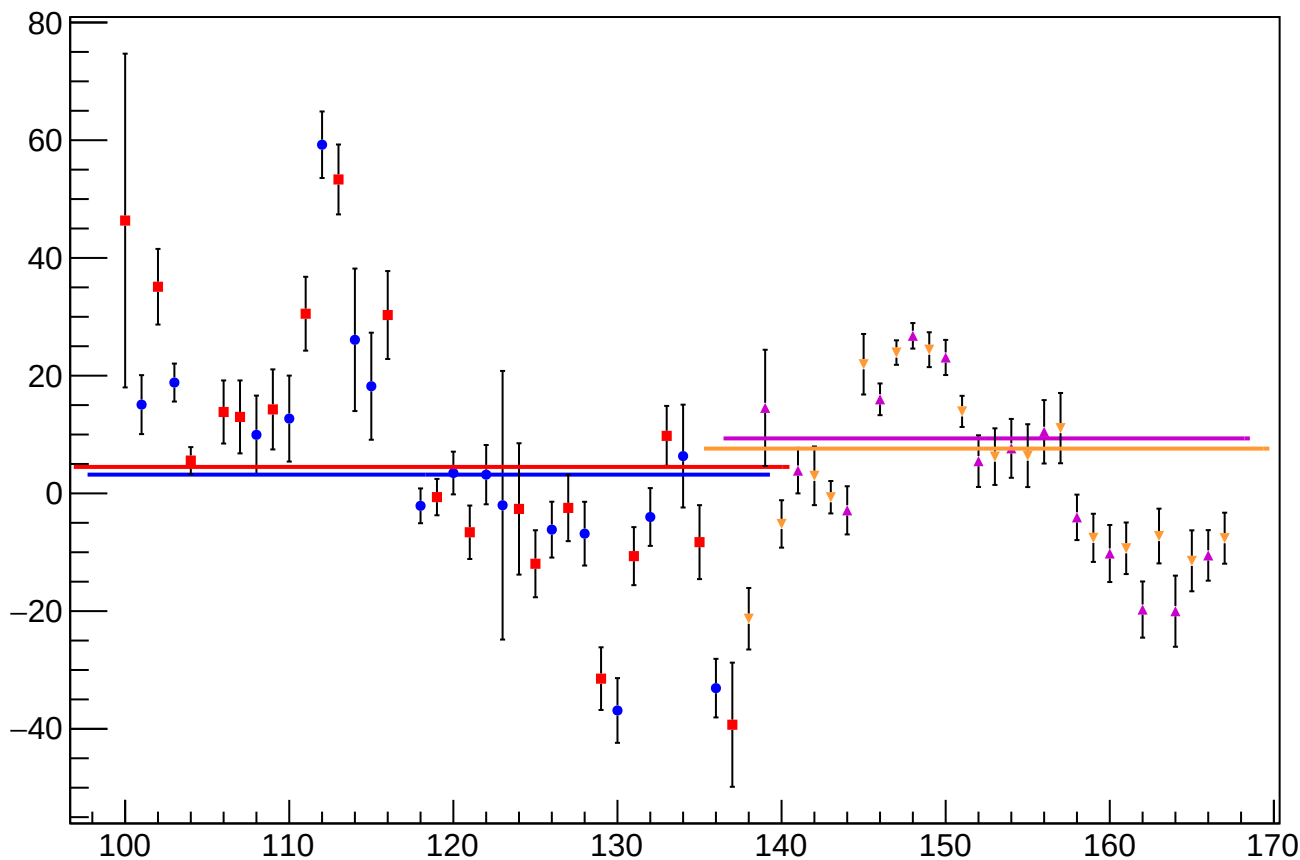
All: 7.327 ± 0.010 χ^2/NDF : 1039264.5/65

- sign 7.443 ± 0.015 χ^2/NDF : 432473.8/32

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



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: 7.611 ± 0.932 χ^2/NDF : 222.9/15

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

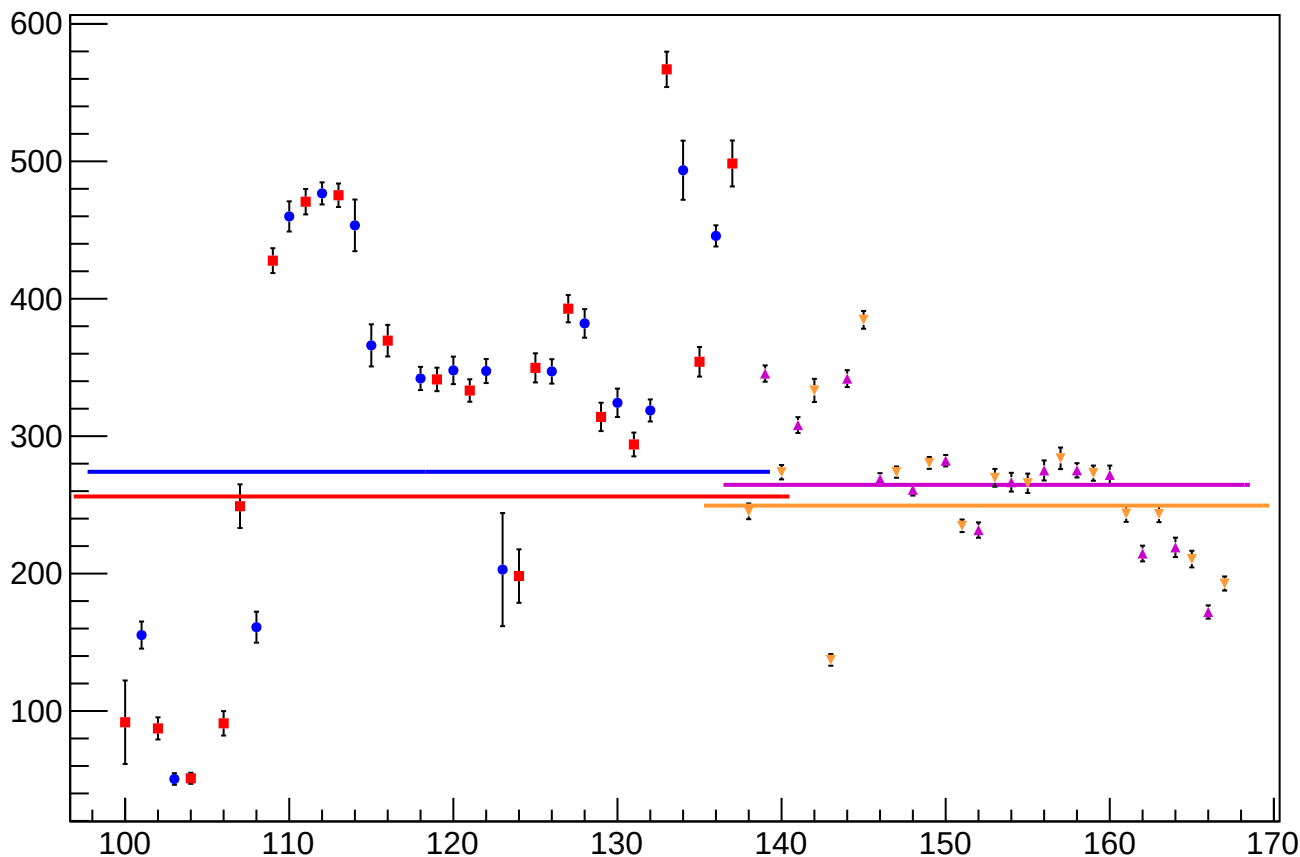
Left In: 9.339 ± 1.020 χ^2/NDF : 214.4/13

+ sign 5.990 ± 0.742 χ^2/NDF : 486.8/32

All: 6.589 ± 0.533 χ^2/NDF : 937.8/65

- sign 7.227 ± 0.766 χ^2/NDF : 449.6/32

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 ± 2.191 $\chi^2/\text{NDF}: 5112.0/16$

Left Out: 249.466 ± 1.368 $\chi^2/\text{NDF}: 1568.6/15$

Right Out: 256.109 ± 2.080 $\chi^2/\text{NDF}: 6444.1/18$

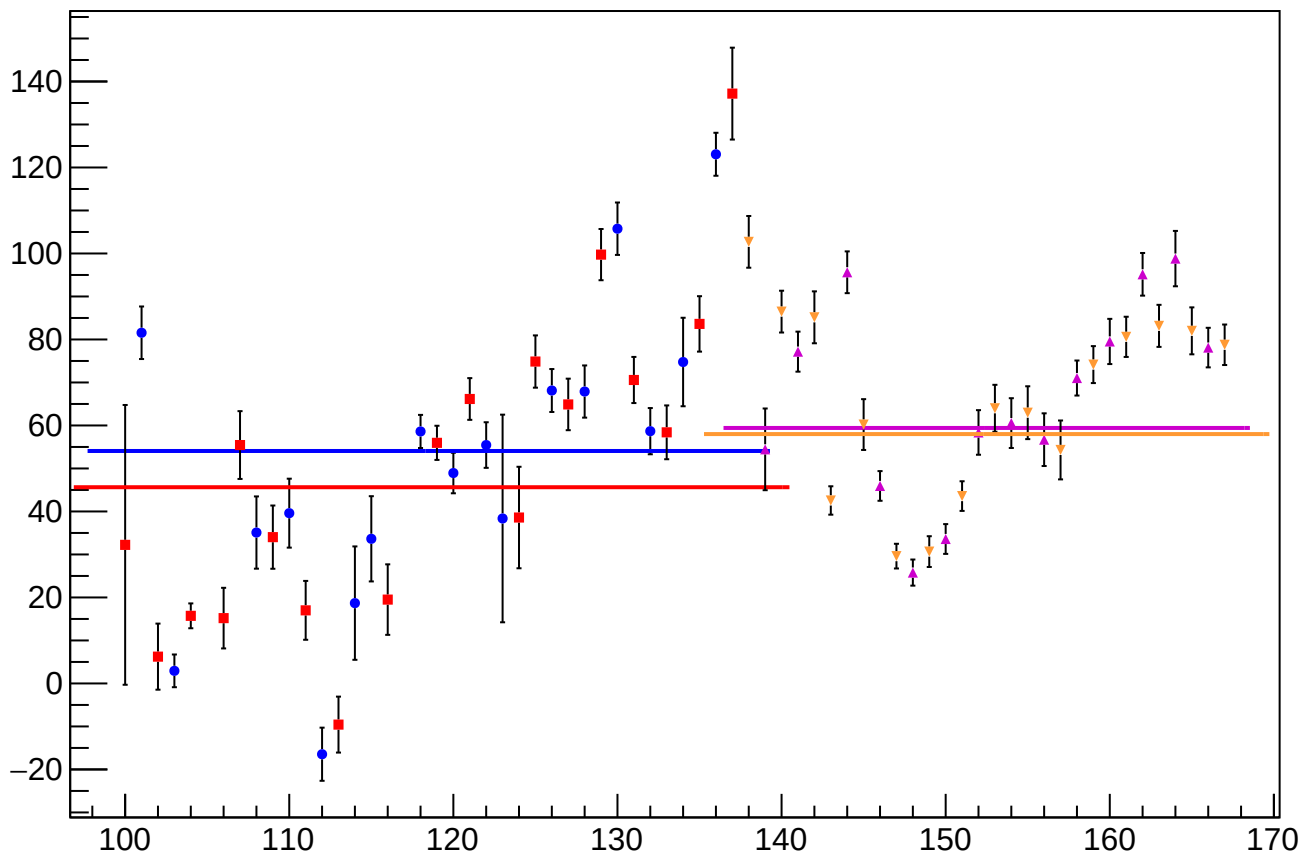
Left In: 264.573 ± 1.451 $\chi^2/\text{NDF}: 947.5/13$

+ sign 256.368 ± 1.160 $\chi^2/\text{NDF}: 6771.4/32$

All: 259.016 ± 0.831 $\chi^2/\text{NDF}: 14184.8/65$

- sign 261.803 ± 1.190 $\chi^2/\text{NDF}: 7402.7/32$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 57.996 $\pm$ 1.116 χ^2 /NDF:410.3/15

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

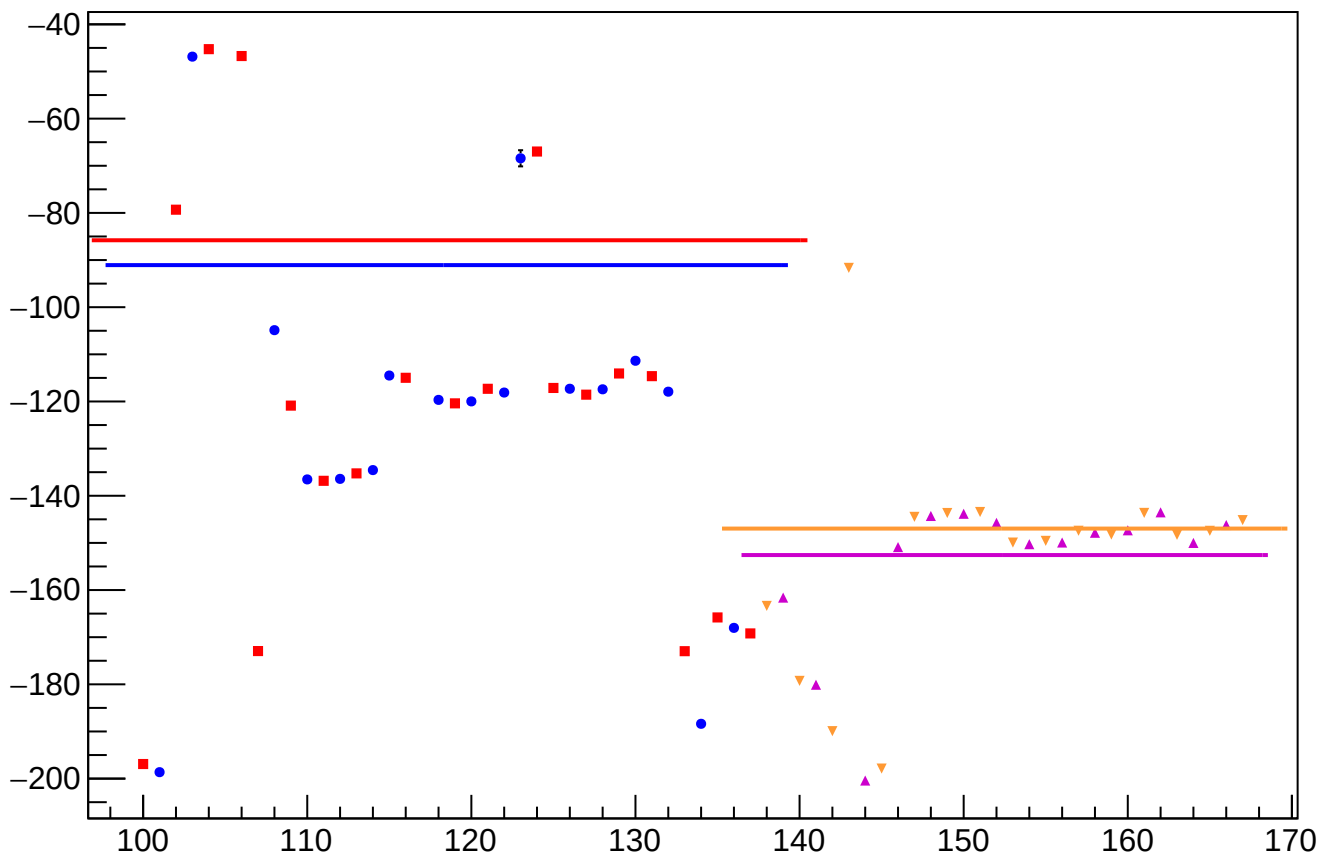
Left In: 59.421 $\pm$ 1.215 χ^2 /NDF:392.8/13

+ sign 56.496 $\pm$ 0.878 χ^2 /NDF: 1049.5/32

All: 54.948 $\pm$ 0.630 χ^2 /NDF: 2036.6/65

- sign 53.299 $\pm$ 0.906 χ^2 /NDF: 980.8/32

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: -146.961 $\pm$ 0.055 χ^2 /NDF:187152.7/15

Right Out: -85.803 $\pm$ 0.065 χ^2 /NDF: 495895.1/18

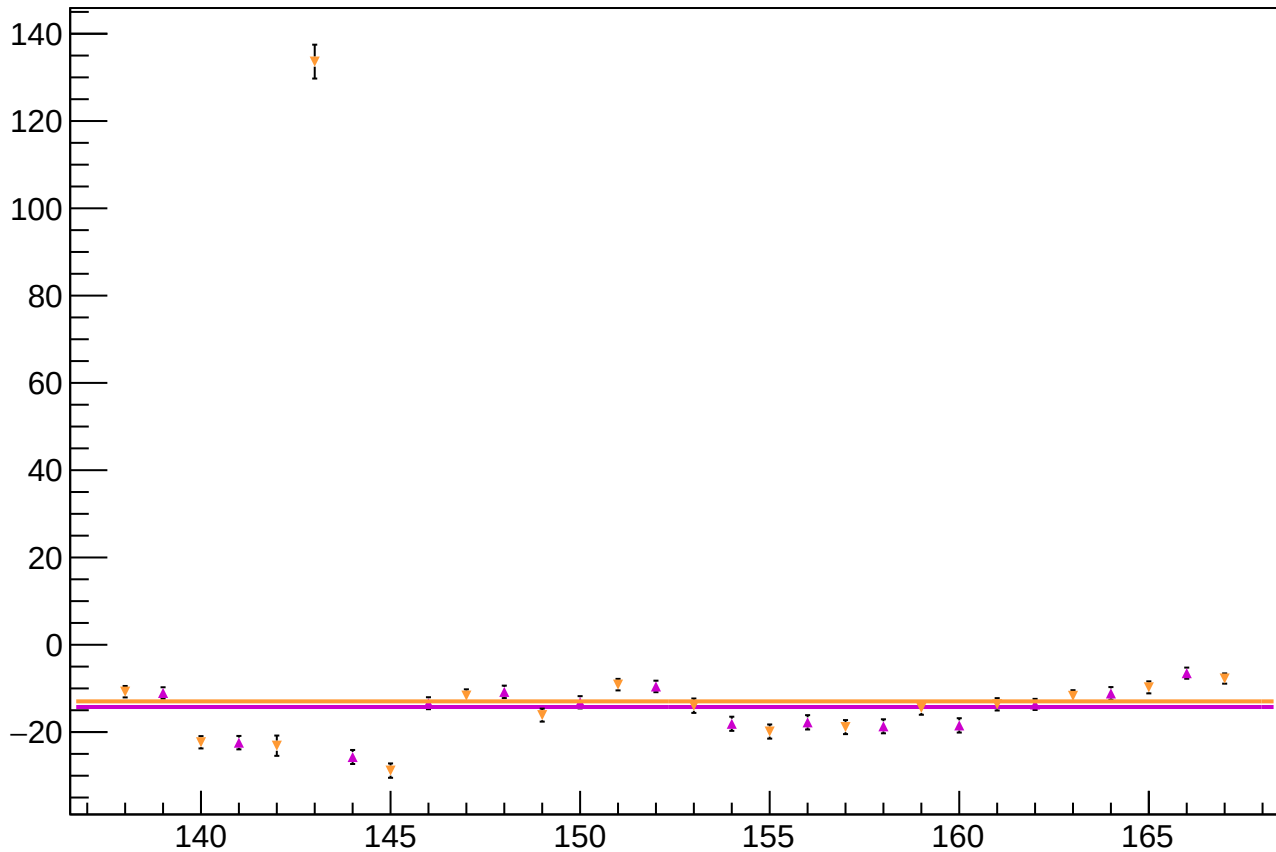
Left In: -152.578 $\pm$ 0.058 χ^2 /NDF:56707.7/13

+ sign -124.605 $\pm$ 0.043 χ^2 /NDF: 1132741.8/32

All: -123.720 $\pm$ 0.030 χ^2 /NDF: 2270264.9/65

- sign -122.804 $\pm$ 0.043 χ^2 /NDF: 1136648.0/32

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -12.966 $\pm$ 0.376 χ^2 /NDF:1658.2/15

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

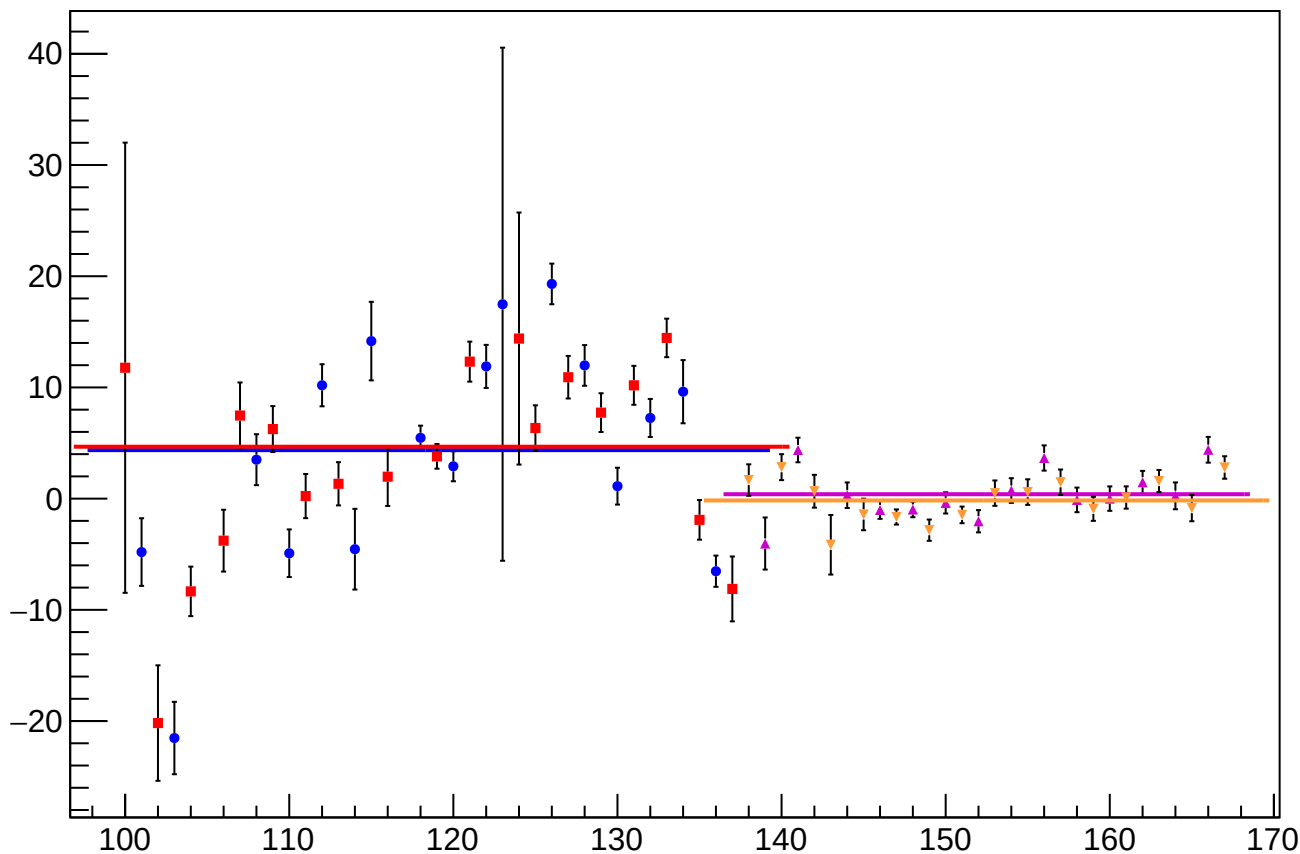
Left In: -14.258 $\pm$ 0.386 χ^2 /NDF:170.7/13

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

All: -13.594 $\pm$ 0.269 χ^2 /NDF: 1834.7/29

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

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361 ± 0.464 $\chi^2/\text{NDF}: 286.5/16$

Left Out: -0.163 ± 0.265 $\chi^2/\text{NDF}: 42.5/15$

Right Out: 4.670 ± 0.474 $\chi^2/\text{NDF}: 185.4/18$

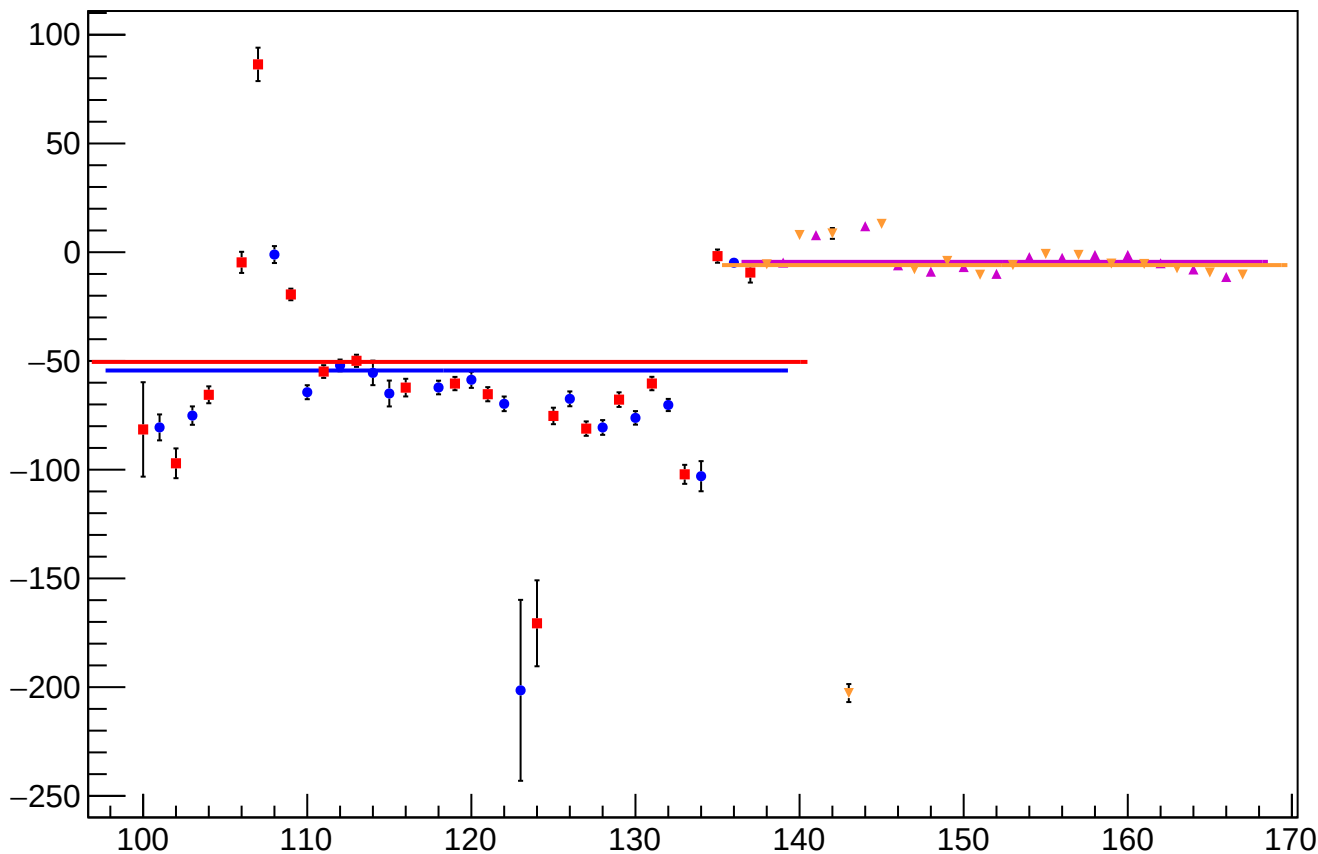
Left In: 0.398 ± 0.276 $\chi^2/\text{NDF}: 51.8/13$

+ sign 0.950 ± 0.230 $\chi^2/\text{NDF}: 400.6/32$

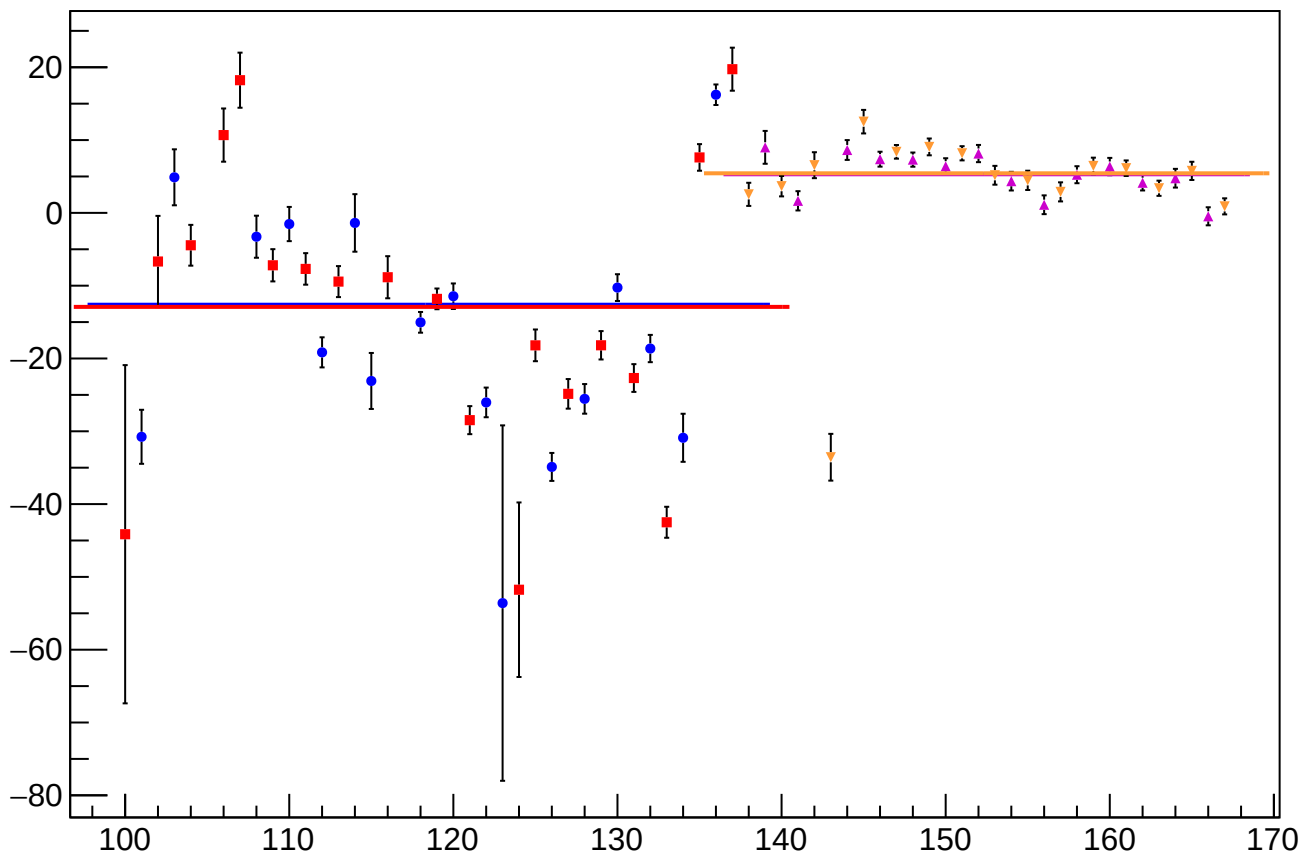
All: 1.206 ± 0.166 $\chi^2/\text{NDF}: 700.9/65$

- sign 1.481 ± 0.239 $\chi^2/\text{NDF}: 297.8/32$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 5.436 ± 0.310 χ^2/NDF : 226.1/15

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

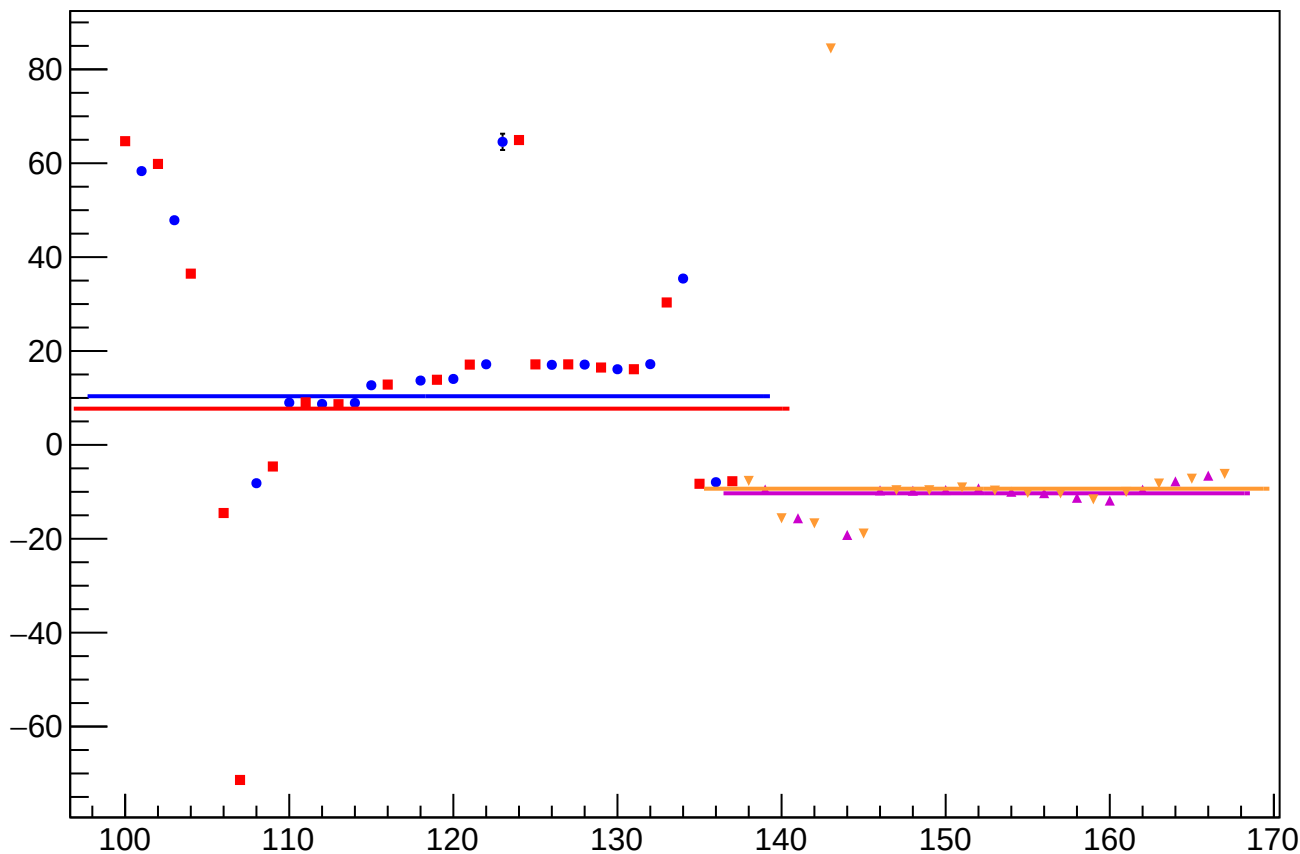
Left In: 5.300 ± 0.322 χ^2/NDF : 66.4/13

+ sign 0.841 ± 0.267 χ^2/NDF : 1878.6/32

All: 0.676 ± 0.192 χ^2/NDF : 3519.2/65

- sign 0.499 ± 0.276 χ^2/NDF : 1639.8/32

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: -9.333+/-0.014 χ^2 /NDF:363489.3/15

Right Out: 7.719+/-0.031 χ^2 /NDF: 545085.7/18

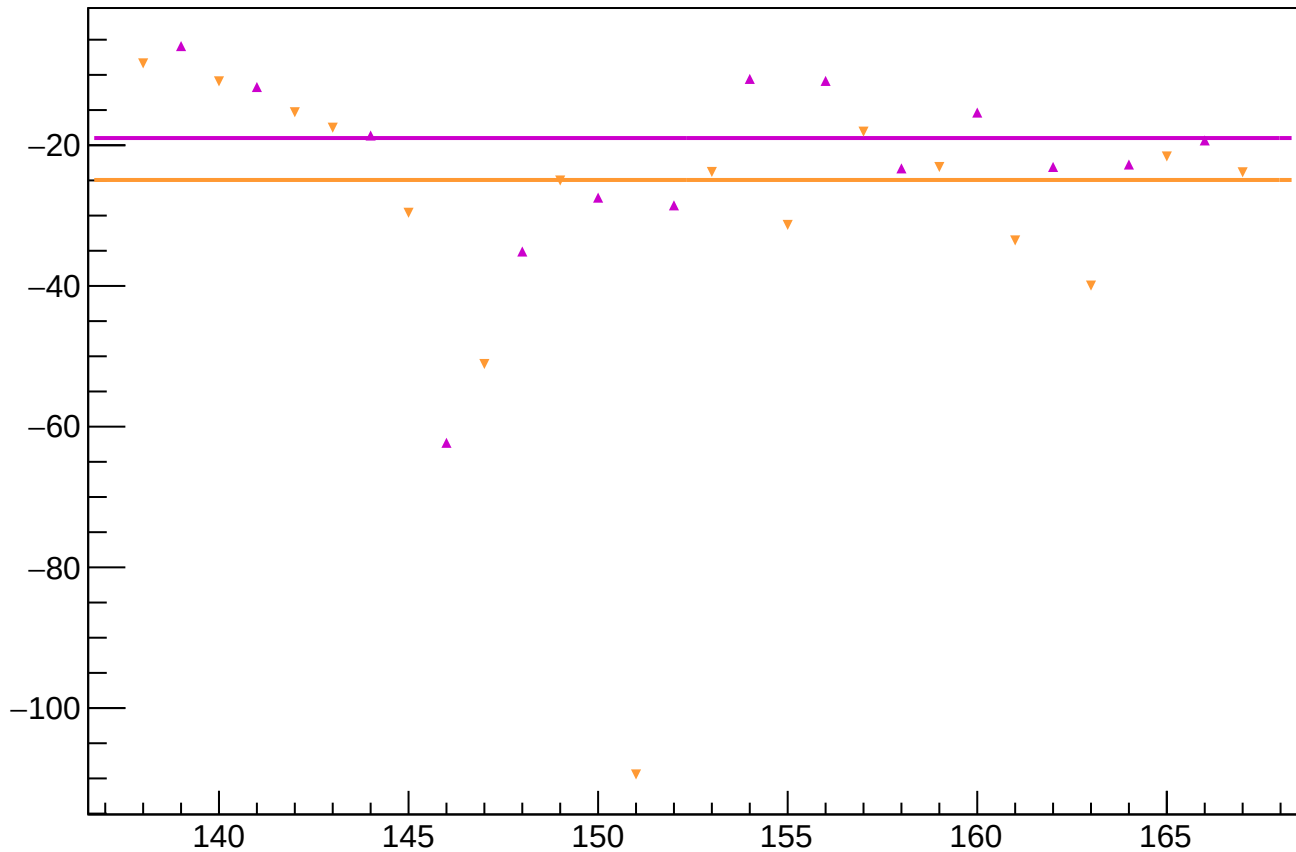
Left In: -10.316+/-0.015 χ^2 /NDF:28937.4/13

+ sign -5.723+/-0.013 χ^2 /NDF: 1084373.9/32

All: -6.345+/-0.009 χ^2 /NDF: 1934753.2/65

- sign -6.999+/-0.013 χ^2 /NDF: 845736.2/32

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -24.937+/-0.062 χ^2/NDF : 56757.6/15

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

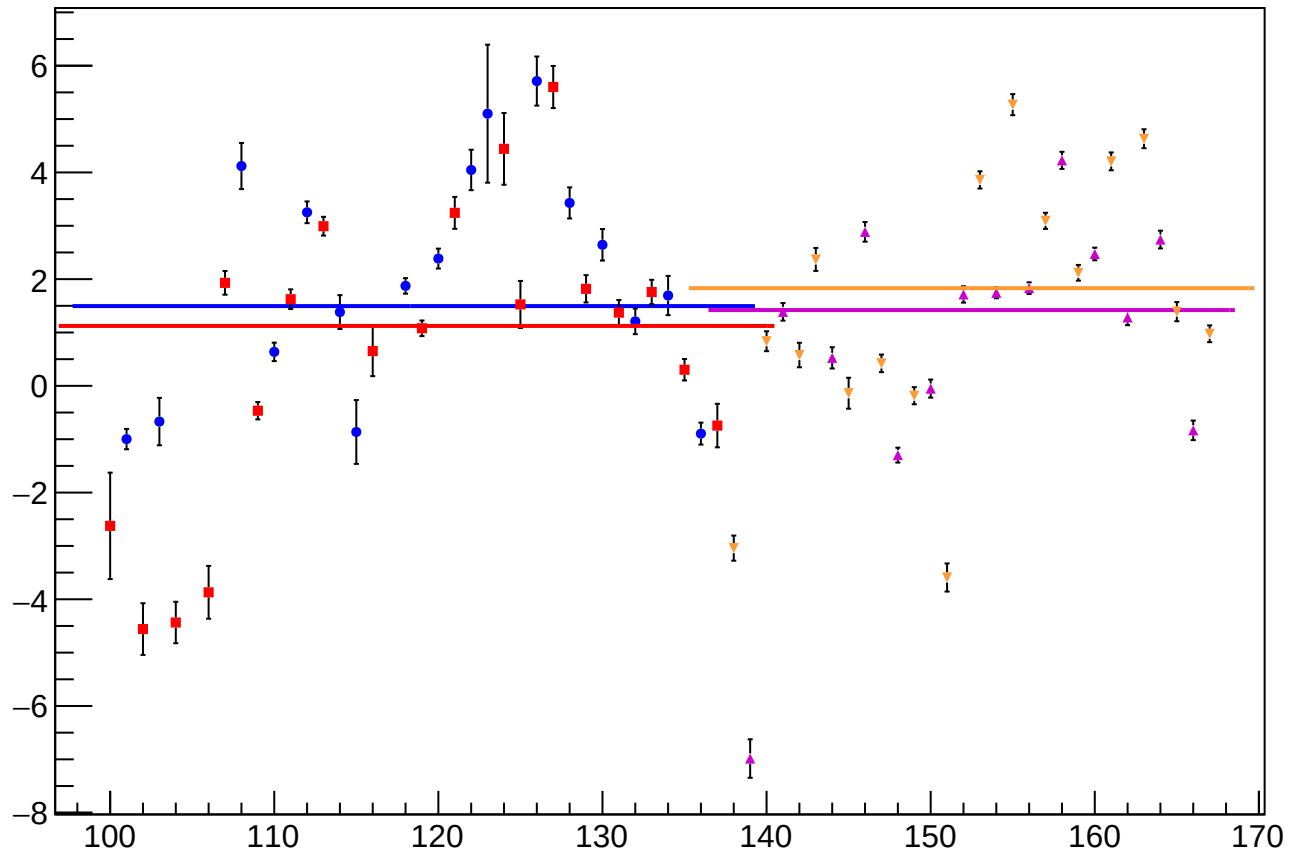
Left In: -18.978+/-0.055 χ^2/NDF : 37855.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.636+/-0.041 χ^2/NDF : 99805.0/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 ± 0.061 χ^2/NDF : 708.8/16

Left Out: 1.830 ± 0.046 χ^2/NDF : 2214.6/15

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

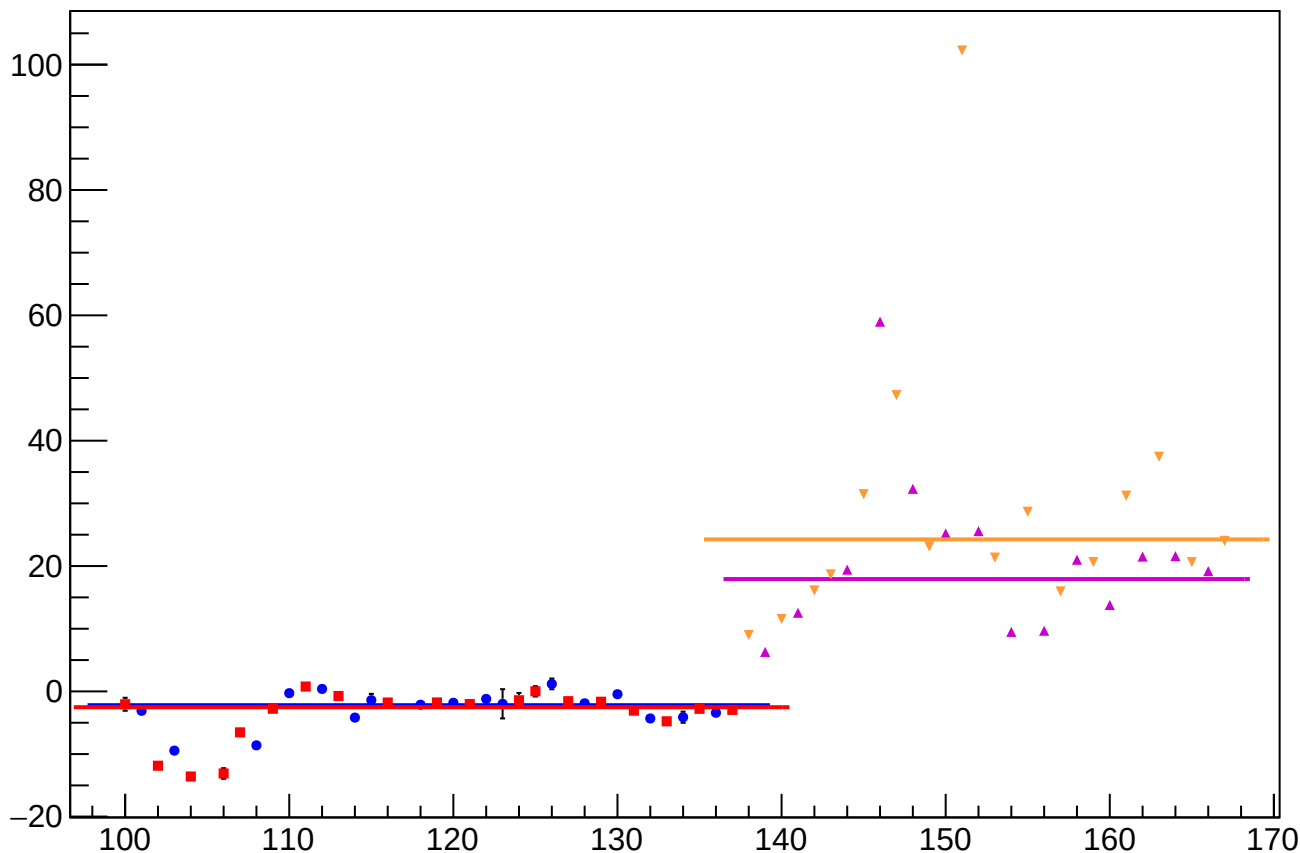
Left In: 1.420 ± 0.040 χ^2/NDF : 1707.7/13

+ sign 1.711 ± 0.037 χ^2/NDF : 2942.8/32

All: 1.498 ± 0.024 χ^2/NDF : 5676.2/65

- sign 1.325 ± 0.033 χ^2/NDF : 2671.9/32

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 24.251 ± 0.060 χ^2/NDF : 50832.0/15

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

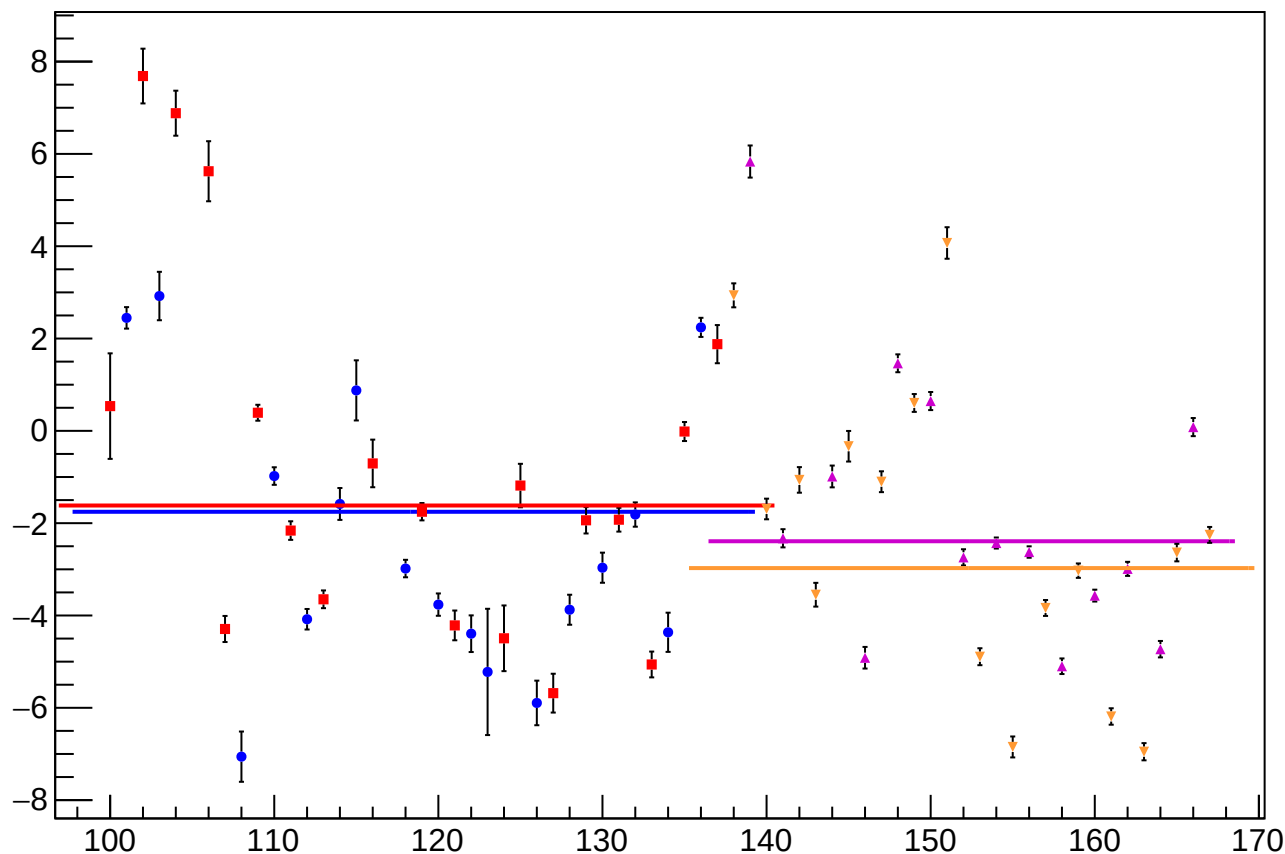
Left In: 17.925 ± 0.053 χ^2/NDF : 35752.0/13

+ sign 18.158 ± 0.053 χ^2/NDF : 95327.2/32

All: 15.448 ± 0.035 χ^2/NDF : 169725.8/65

- sign 13.332 ± 0.047 χ^2/NDF : 69755.7/32

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: -2.973 ± 0.052 $\chi^2/\text{NDF}: 2730.5/15$

Right Out: -1.617 ± 0.066 $\chi^2/\text{NDF}: 1487.5/18$

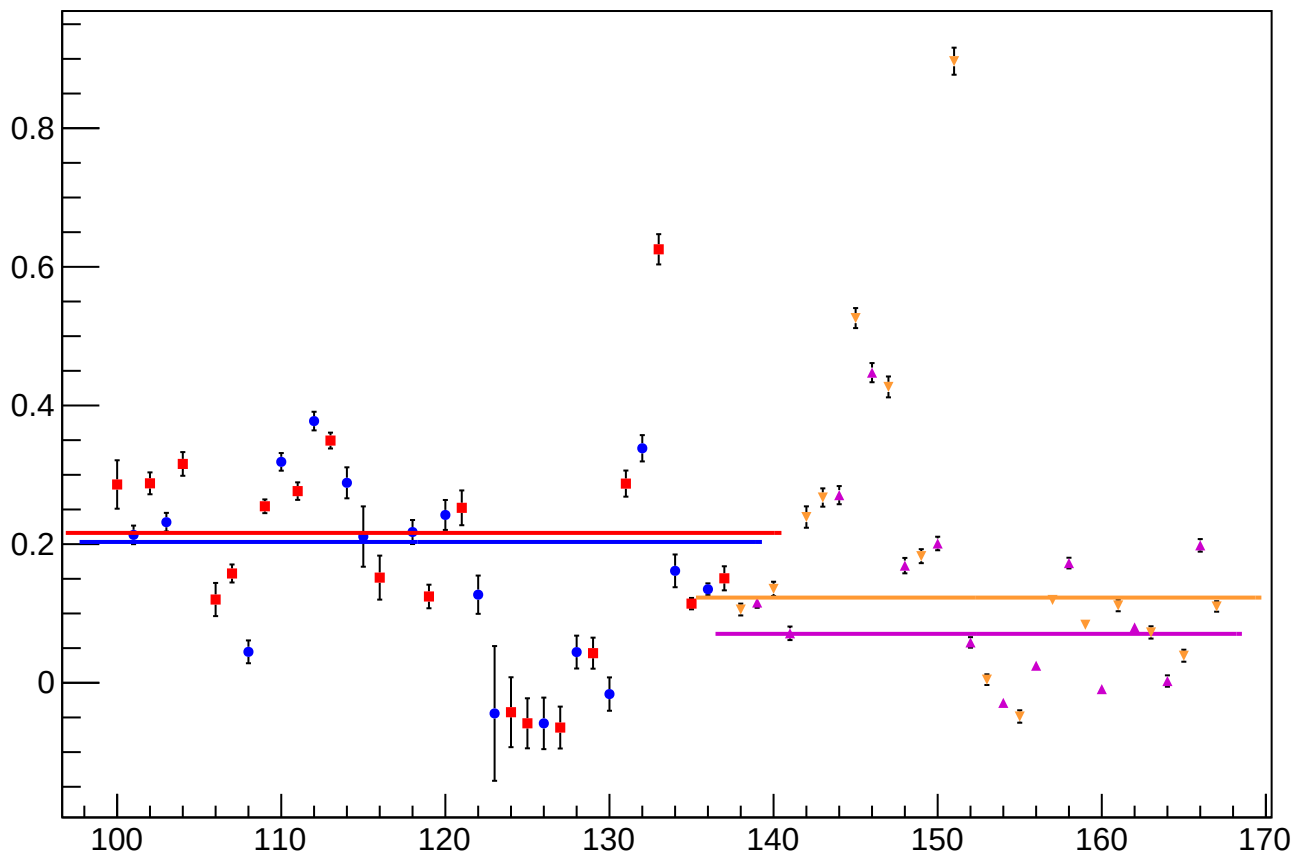
Left In: -2.392 ± 0.045 $\chi^2/\text{NDF}: 2042.0/13$

+ sign -2.544 ± 0.042 $\chi^2/\text{NDF}: 4270.7/32$

All: -2.321 ± 0.028 $\chi^2/\text{NDF}: 7945.9/65$

- sign -2.142 ± 0.037 $\chi^2/\text{NDF}: 3623.7/32$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.123 ± 0.002 χ^2/NDF : 3734.8/15

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

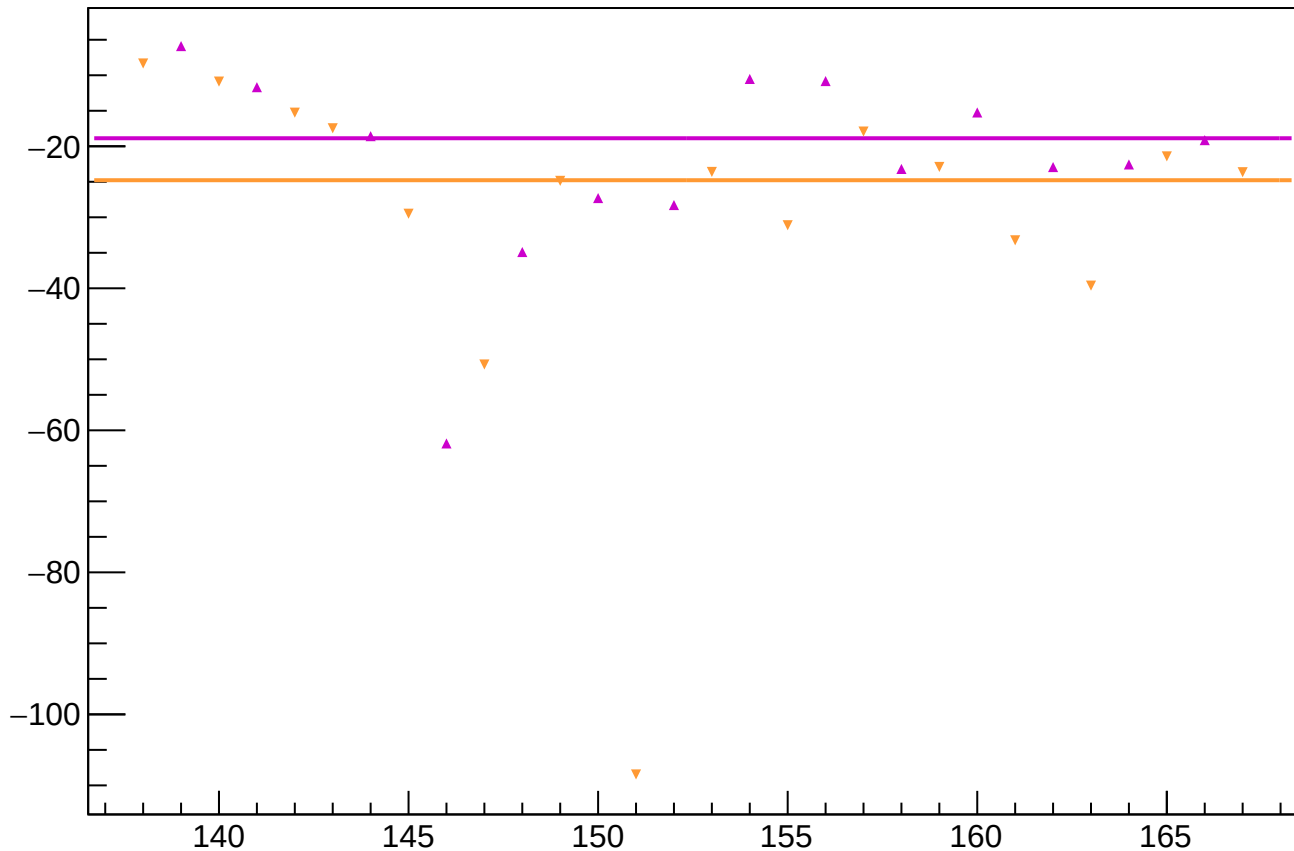
Left In: 0.071 ± 0.002 χ^2/NDF : 2390.0/13

+ sign 0.142 ± 0.002 χ^2/NDF : 4698.0/32

All: 0.120 ± 0.001 χ^2/NDF : 9569.2/65

- sign 0.103 ± 0.002 χ^2/NDF : 4661.6/32

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -24.780 $\pm$ 0.061 χ^2/NDF : 56575.8/15

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

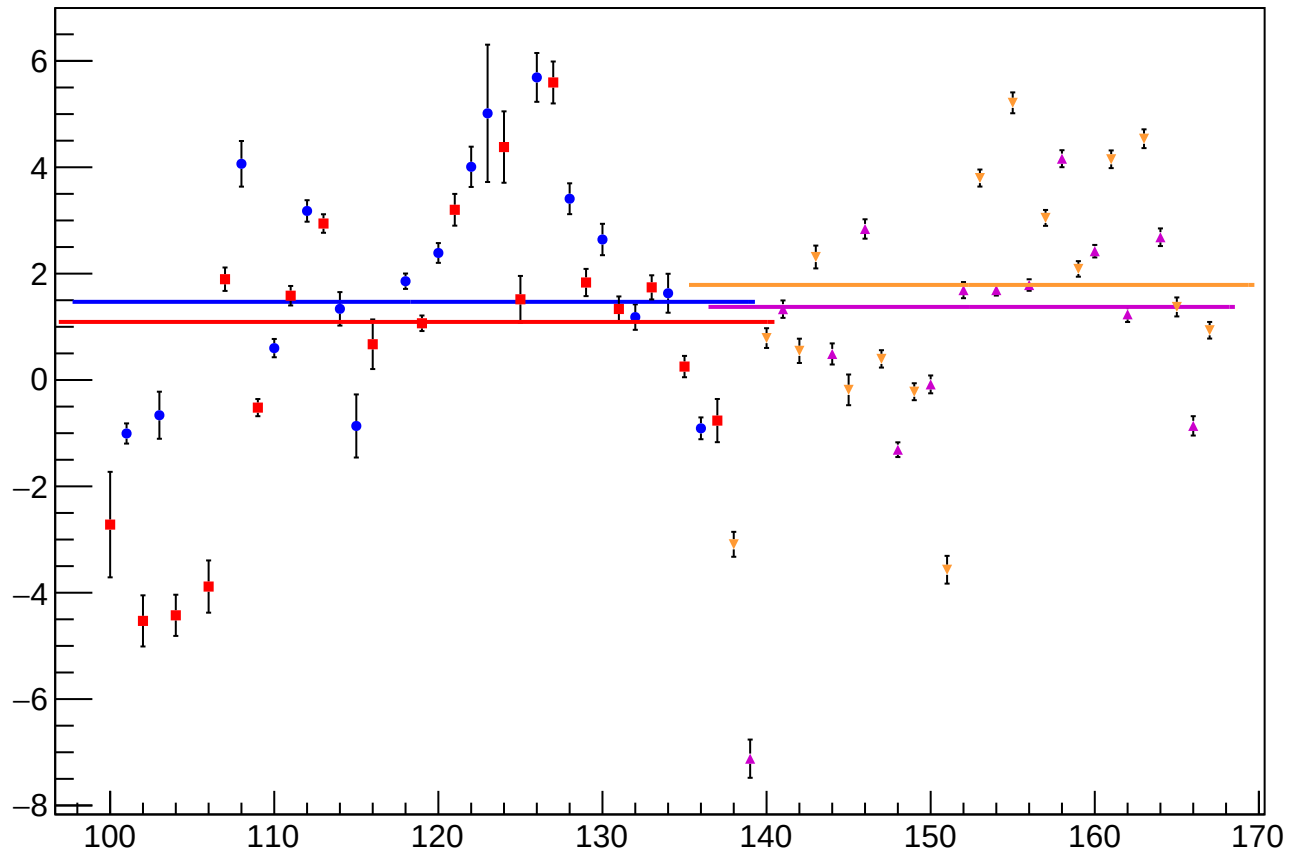
Left In: -18.869 $\pm$ 0.055 χ^2/NDF : 37766.6/13

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

All: -21.507 $\pm$ 0.041 χ^2/NDF : 99514.7/29

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

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: 1.788 $\pm$ 0.045 χ^2/NDF : 2213.7/15

Right Out: 1.092 $\pm$ 0.058 χ^2/NDF : 952.1/18

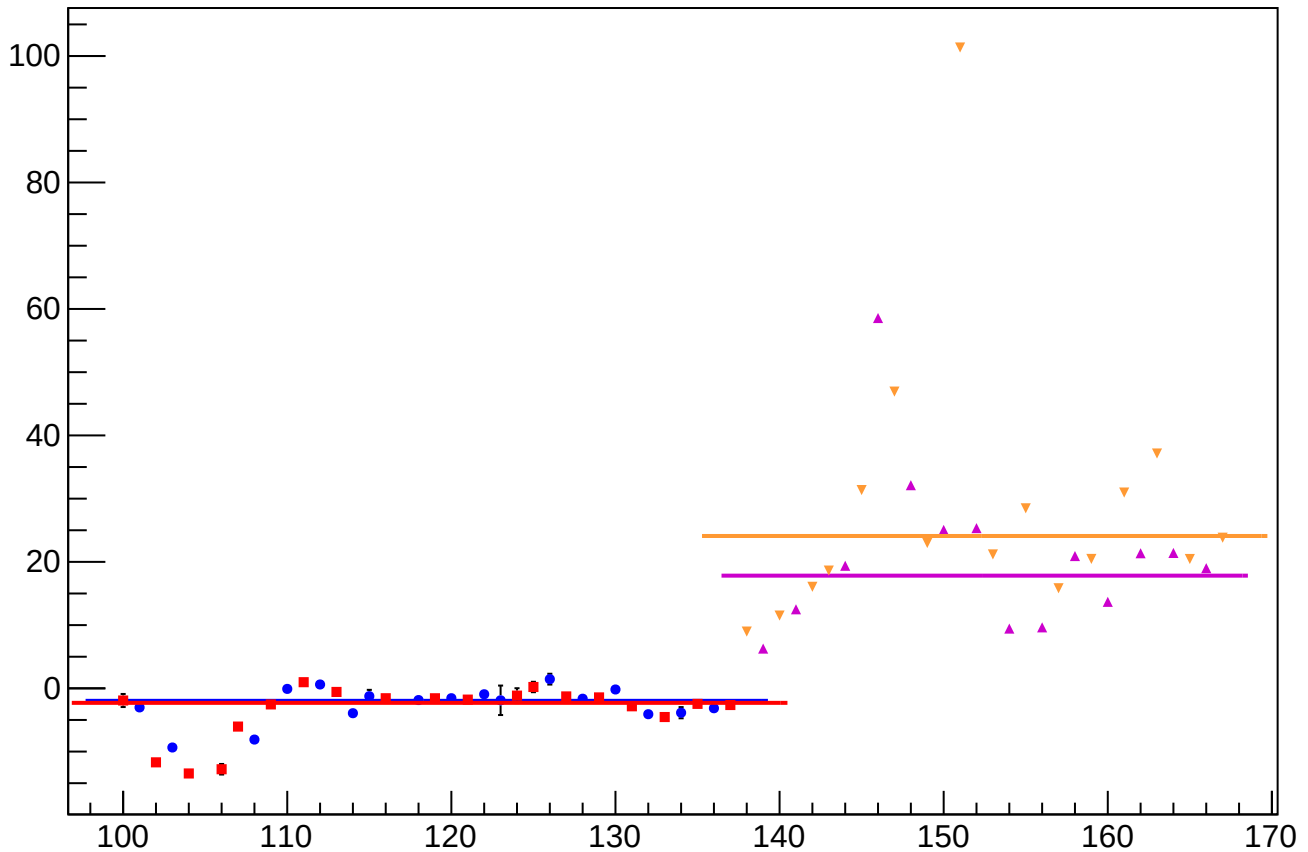
Left In: 1.374 $\pm$ 0.040 χ^2/NDF : 1719.7/13

+ sign 1.674 $\pm$ 0.036 χ^2/NDF : 2939.2/32

All: 1.459 $\pm$ 0.024 χ^2/NDF : 5691.0/65

- sign 1.284 $\pm$ 0.033 χ^2/NDF : 2688.0/32

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 24.095 ± 0.060 χ^2/NDF : 50694.6/15

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

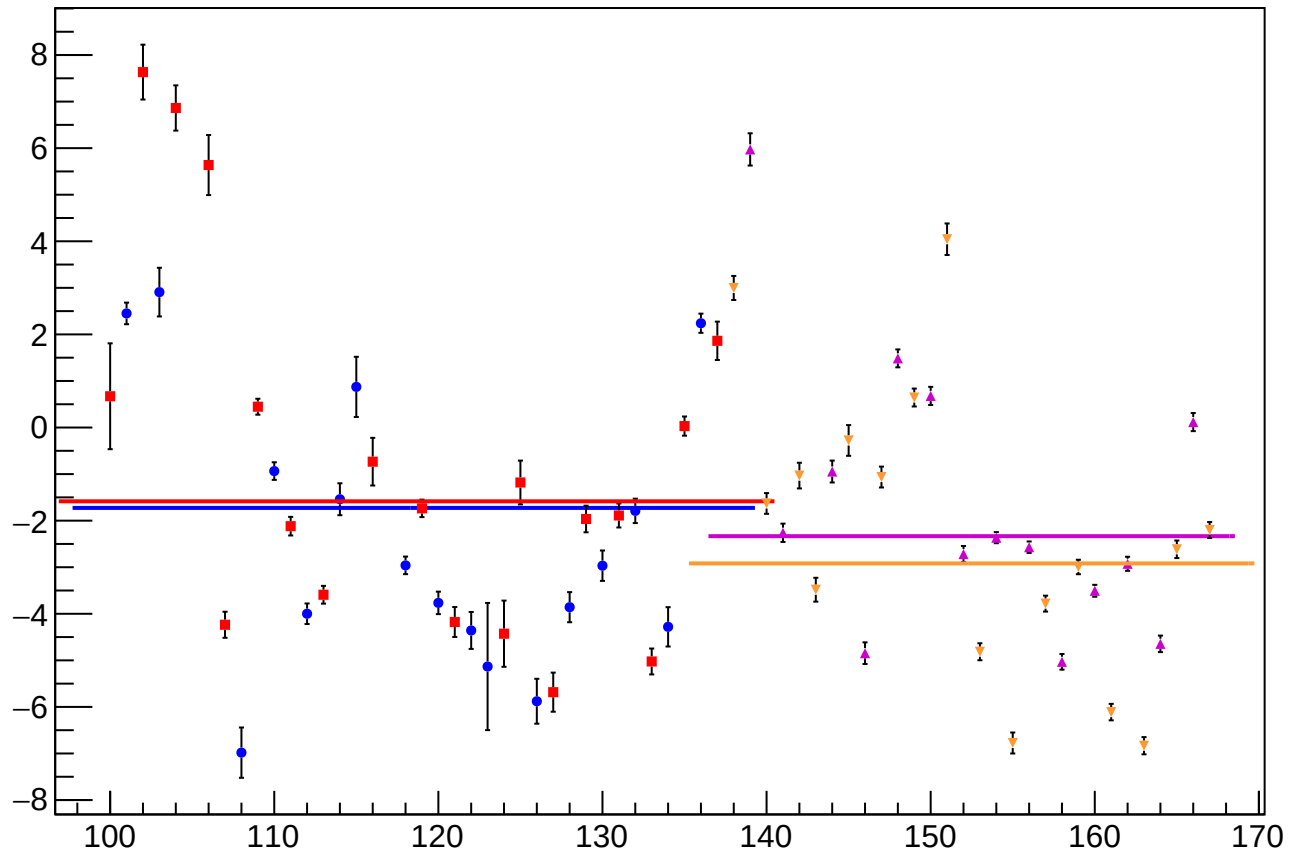
Left In: 17.822 ± 0.053 χ^2/NDF : 35676.8/13

+ sign 18.104 ± 0.053 χ^2/NDF : 94394.0/32

All: 15.412 ± 0.035 χ^2/NDF : 168015.8/65

- sign 13.309 ± 0.047 χ^2/NDF : 68983.5/32

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -2.918 ± 0.051 χ^2/NDF : 2728.2/15

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

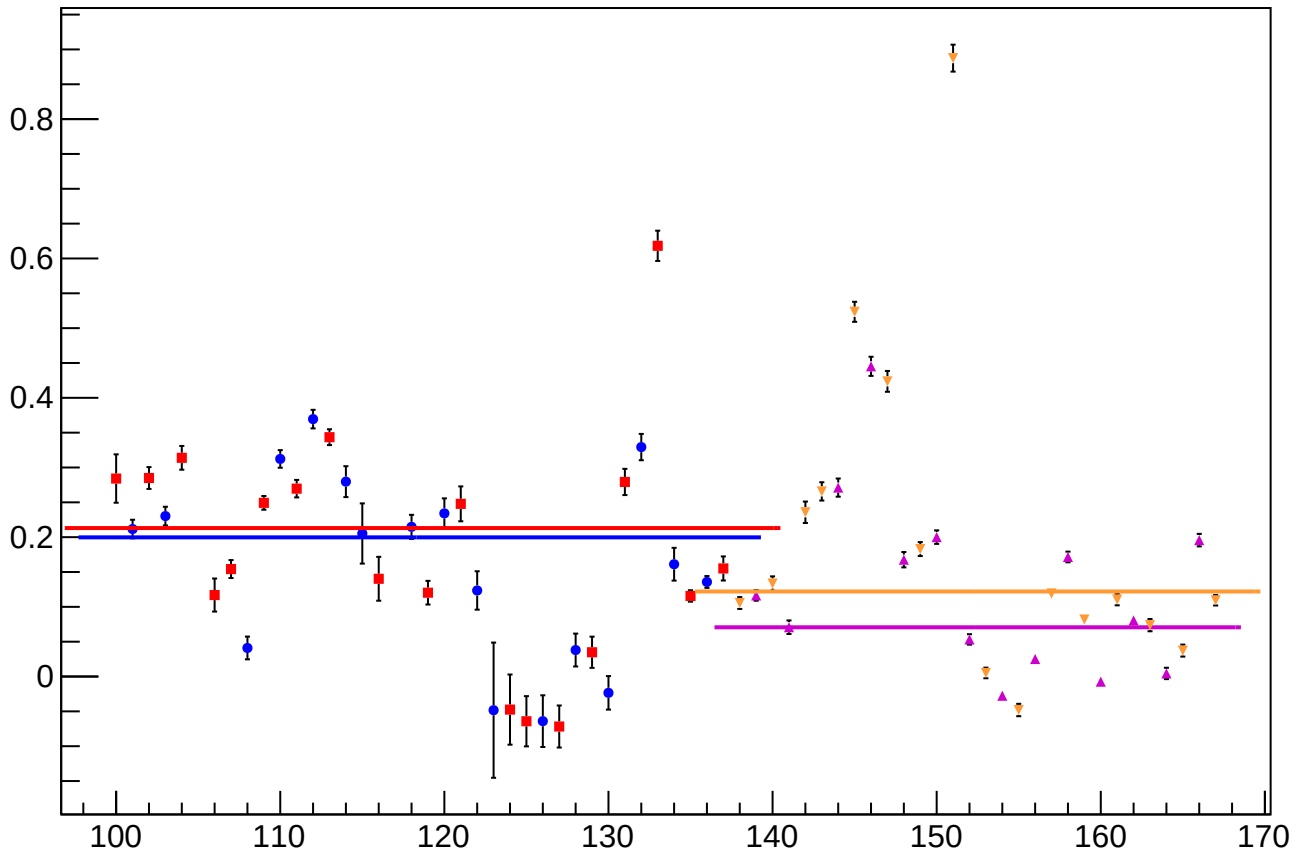
Left In: -2.333 ± 0.045 χ^2/NDF : 2055.5/13

+ sign -2.500 ± 0.041 χ^2/NDF : 4258.1/32

All: -2.273 ± 0.028 χ^2/NDF : 7948.9/65

- sign -2.092 ± 0.037 χ^2/NDF : 3637.2/32

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 $\pm$ 0.004 χ^2 /NDF: 662.5/16

Left Out: 0.122 $\pm$ 0.002 χ^2 /NDF: 3729.7/15

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1050.9/18

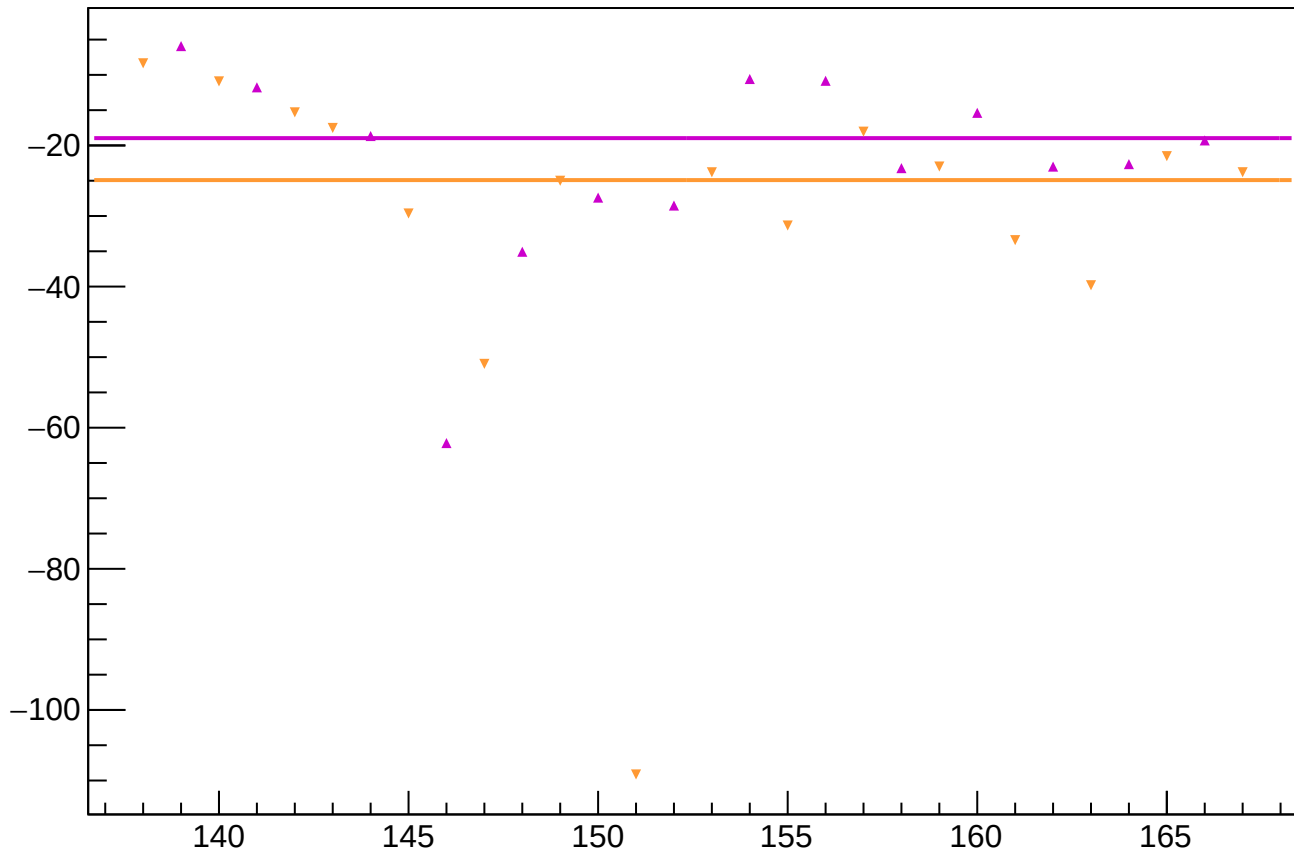
Left In: 0.071 $\pm$ 0.002 χ^2 /NDF: 2376.3/13

+ sign 0.141 $\pm$ 0.002 χ^2 /NDF: 4663.1/32

All: 0.119 $\pm$ 0.001 χ^2 /NDF: 9458.2/65

- sign 0.103 $\pm$ 0.002 χ^2 /NDF: 4591.5/32

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -24.911+/-0.061 χ^2/NDF : 56702.2/15

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

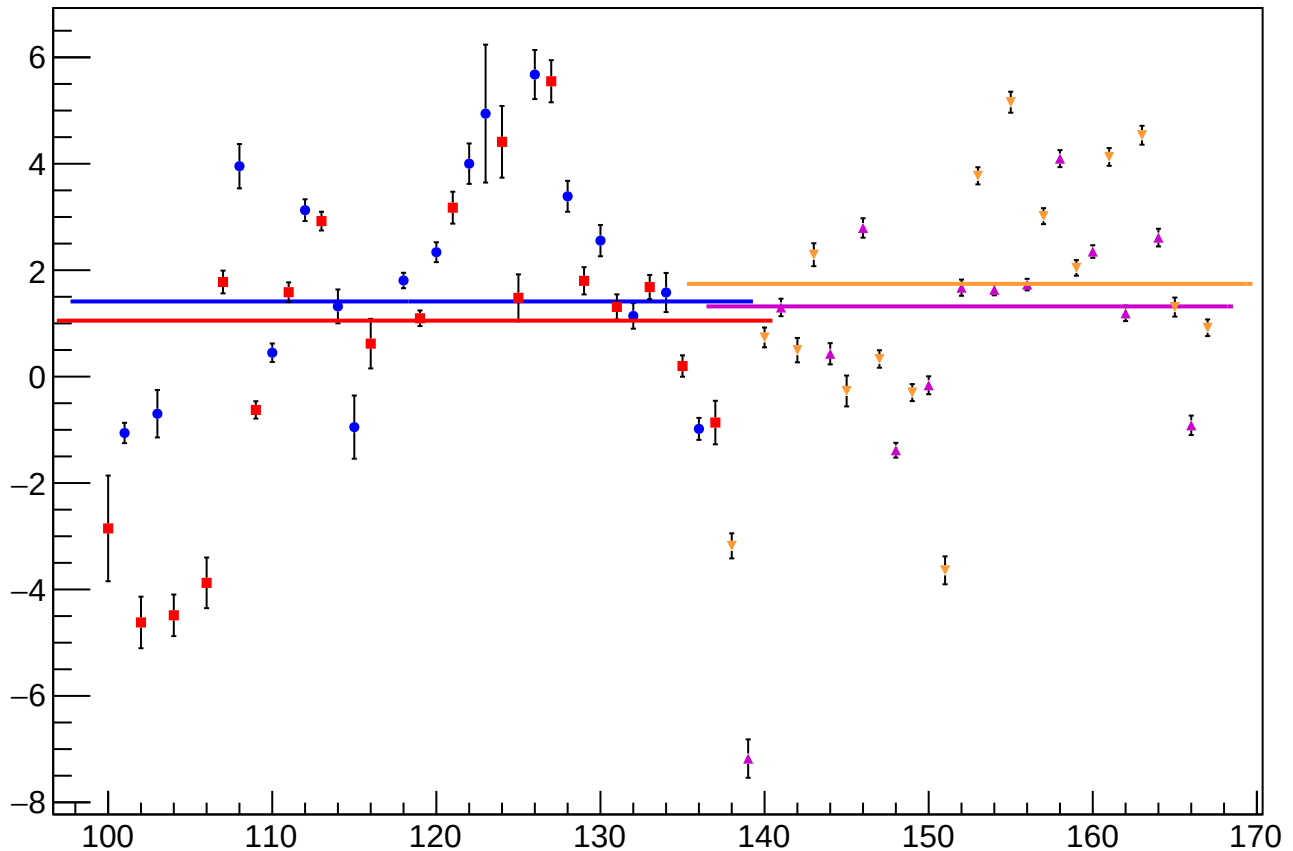
Left In: -18.964+/-0.055 χ^2/NDF : 37824.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.617+/-0.041 χ^2/NDF : 99721.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.743 $\pm$ 0.045 χ^2/NDF :2230.4/15

Right Out: 1.052 $\pm$ 0.058 χ^2/NDF : 963.3/18

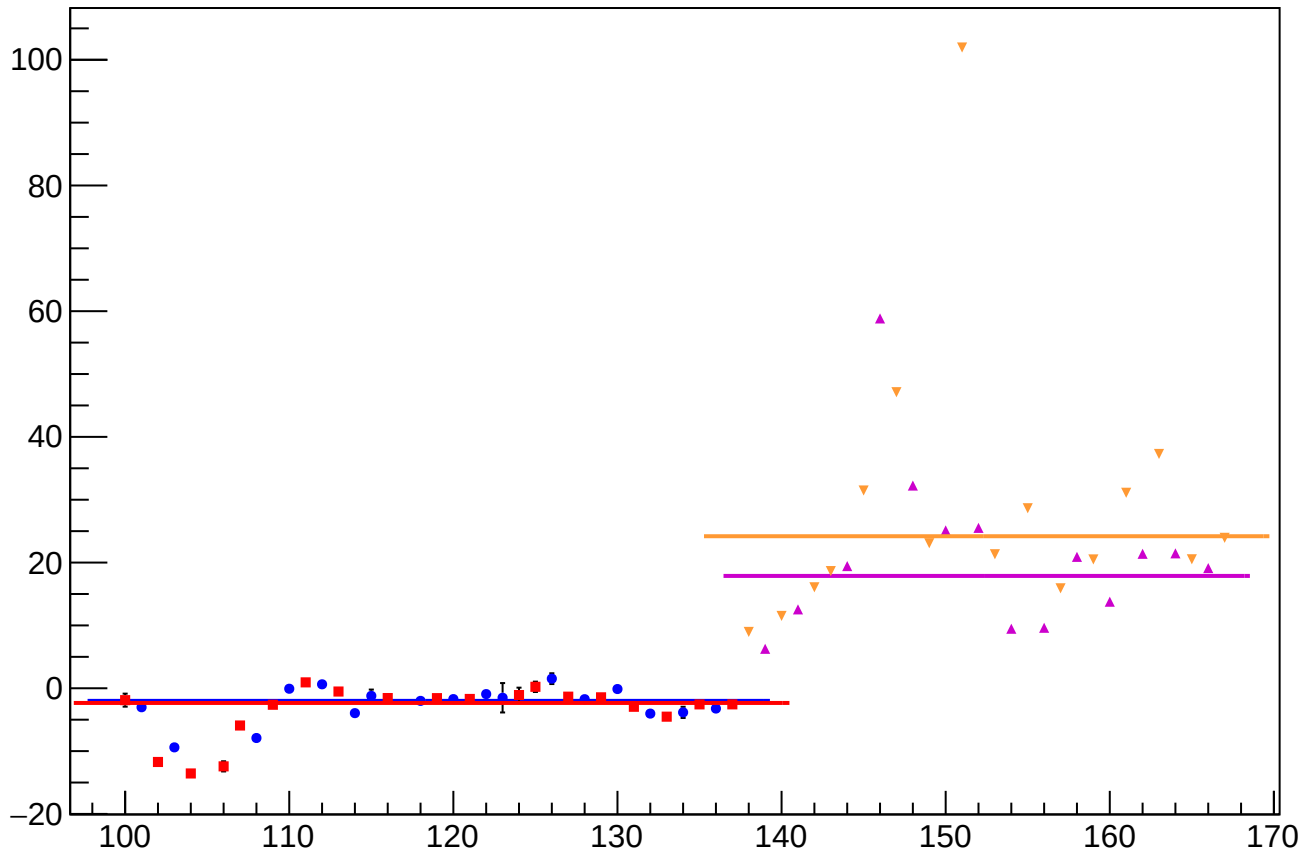
Left In: 1.319 $\pm$ 0.040 χ^2/NDF :1709.2/13

+ sign 1.626 $\pm$ 0.036 χ^2/NDF : 2963.2/32

All: 1.409 $\pm$ 0.024 χ^2/NDF : 5713.9/65

- sign 1.234 $\pm$ 0.033 χ^2/NDF : 2687.0/32

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 24.191 ± 0.060 χ^2/NDF : 50803.3/15

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

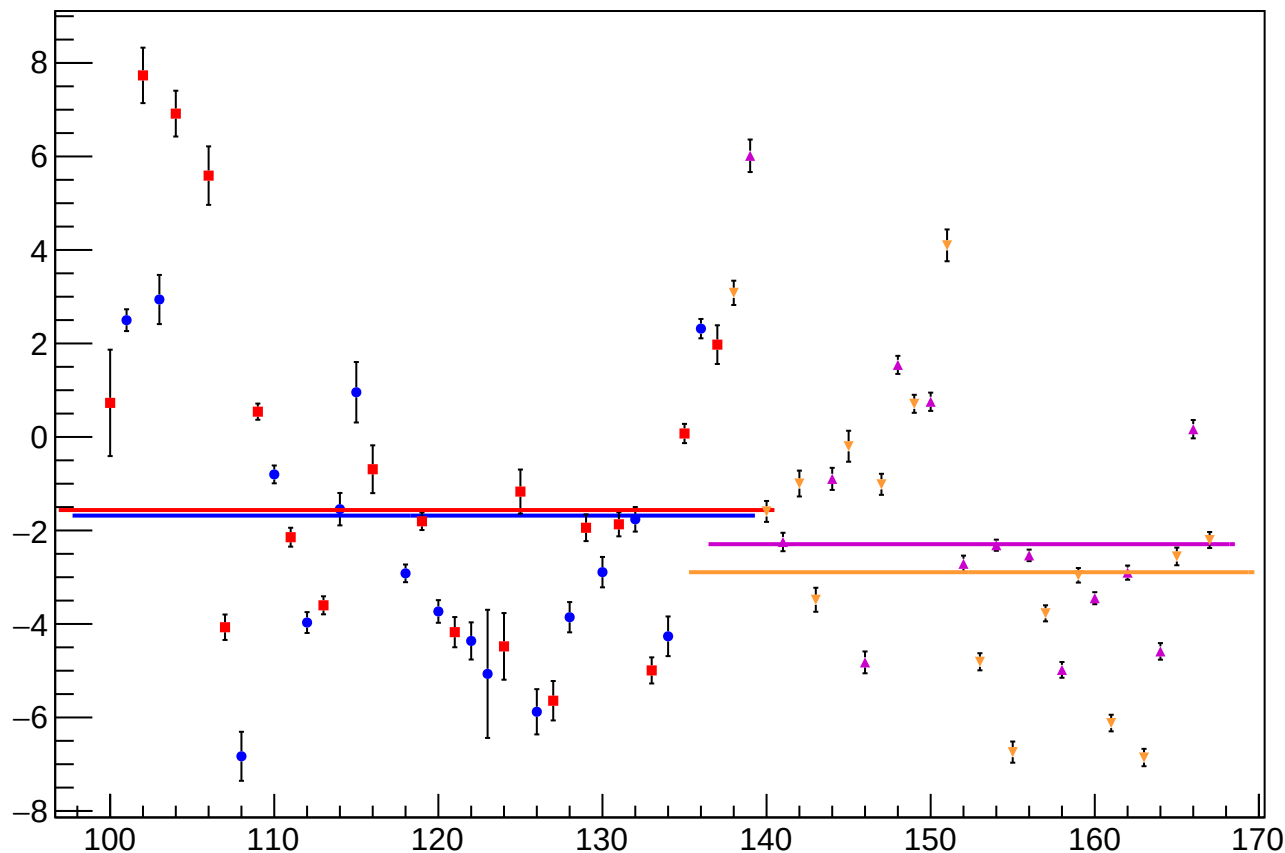
Left In: 17.876 ± 0.053 χ^2/NDF : 35747.0/13

+ sign 18.181 ± 0.053 χ^2/NDF : 94482.2/32

All: 15.468 ± 0.035 χ^2/NDF : 168207.0/65

- sign 13.350 ± 0.047 χ^2/NDF : 69054.4/32

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.893 ± 0.052 χ^2/NDF : 2751.9/15

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

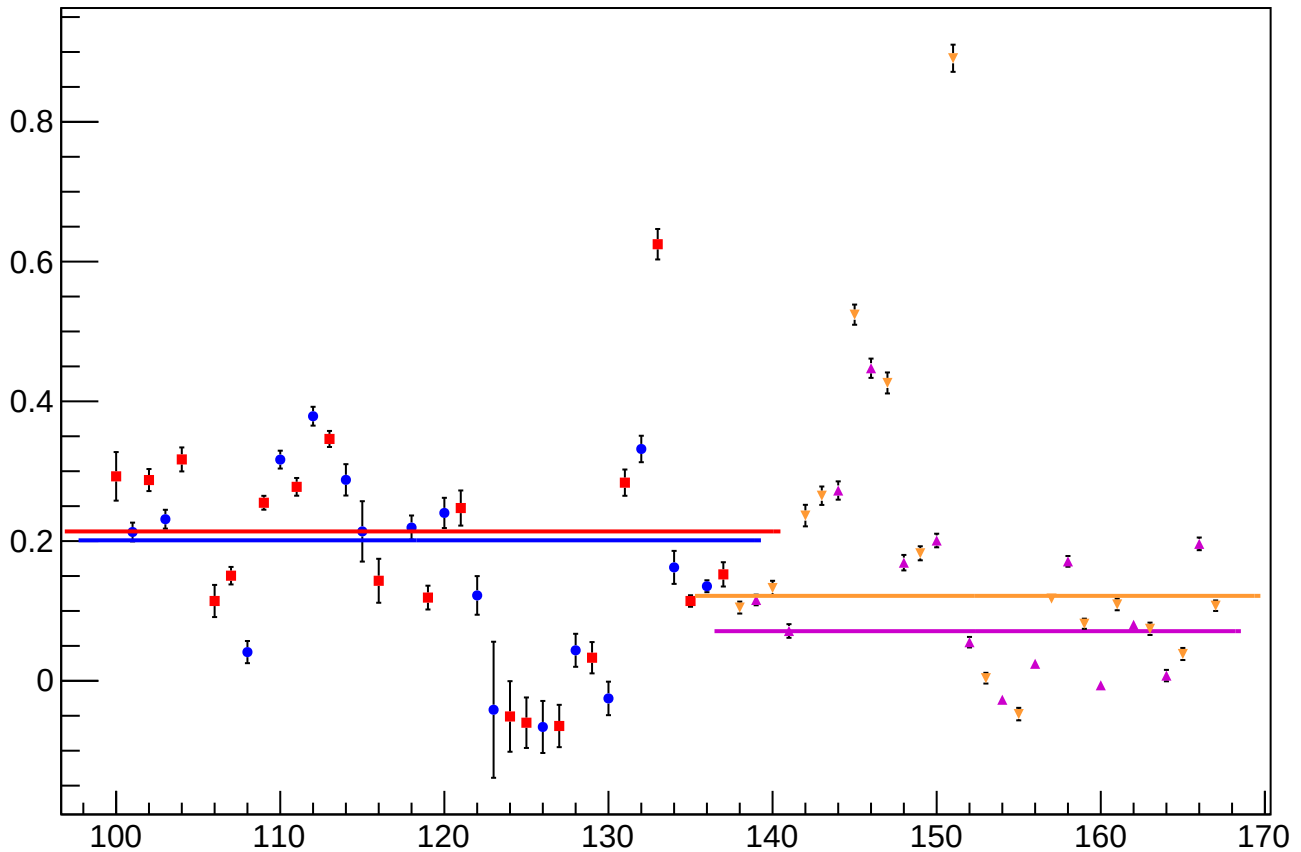
Left In: -2.293 ± 0.045 χ^2/NDF : 2046.1/13

+ sign -2.468 ± 0.042 χ^2/NDF : 4292.3/32

All: -2.241 ± 0.028 χ^2/NDF : 7980.8/65

- sign -2.059 ± 0.037 χ^2/NDF : 3634.8/32

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.122 ± 0.002 χ^2/NDF : 3718.0/15

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

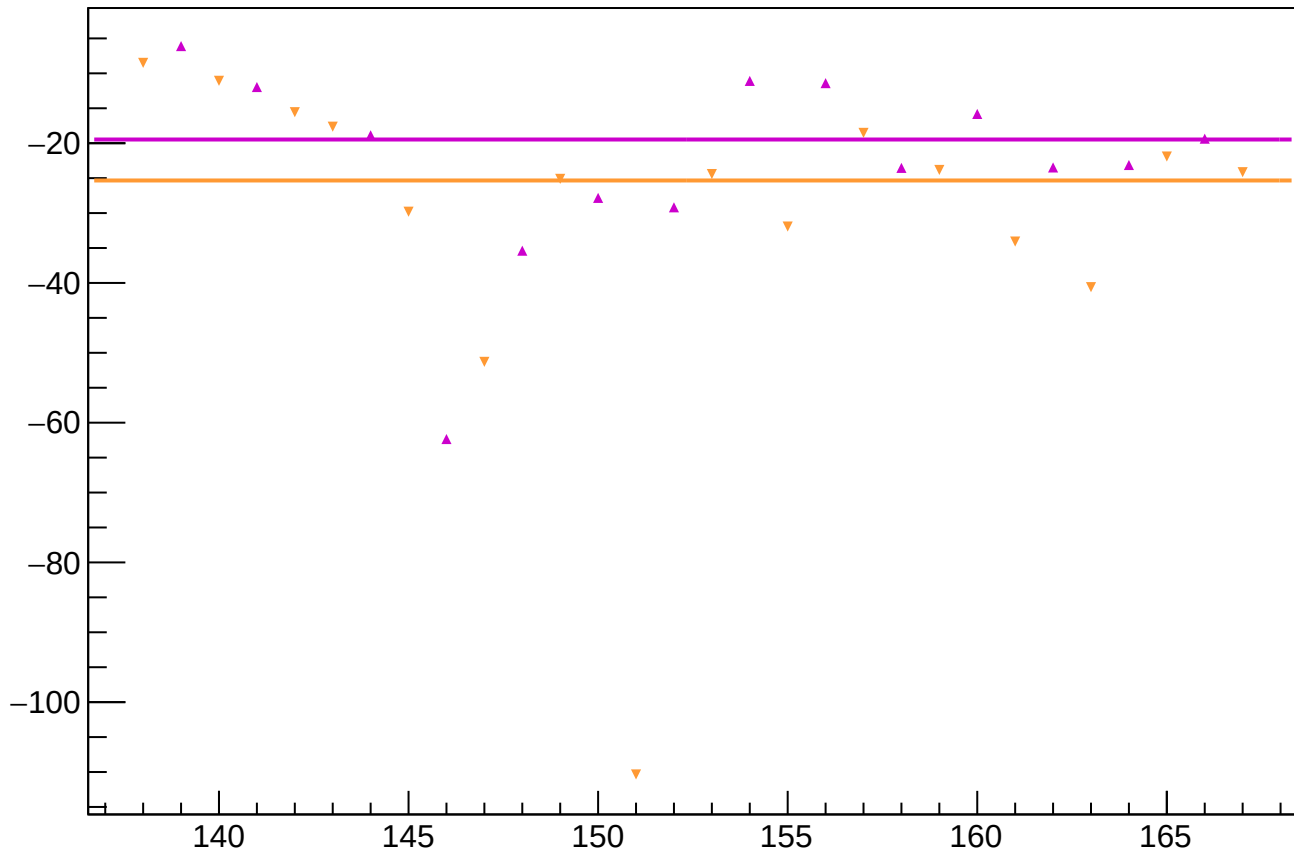
Left In: 0.071 ± 0.002 χ^2/NDF : 2358.5/13

+ sign 0.141 ± 0.002 χ^2/NDF : 4690.7/32

All: 0.119 ± 0.001 χ^2/NDF : 9492.9/65

- sign 0.103 ± 0.002 χ^2/NDF : 4606.1/32

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -25.334+/-0.062 χ^2/NDF : 56629.1/15

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

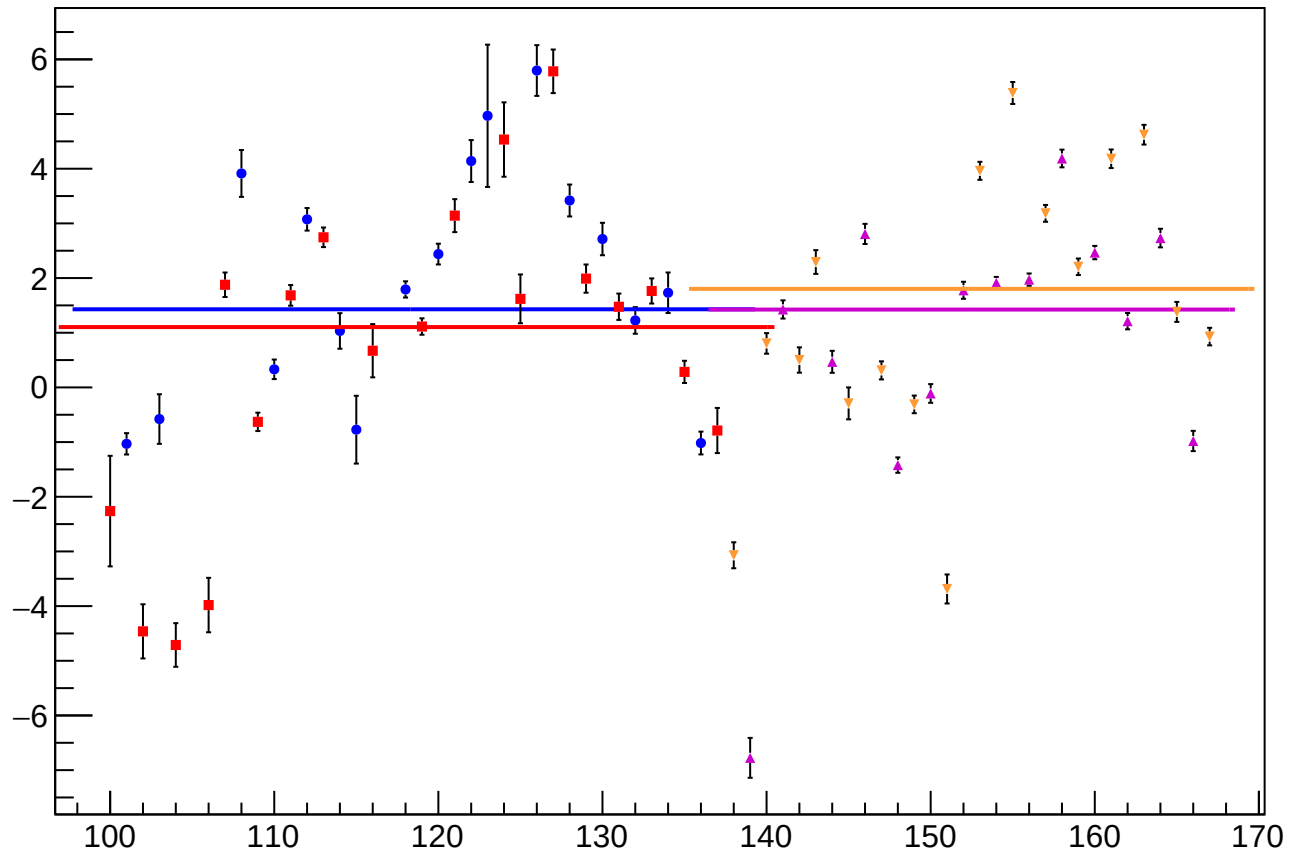
Left In: -19.471+/-0.056 χ^2/NDF : 36703.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.103+/-0.042 χ^2/NDF : 98184.1/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 $\pm$ 0.062 χ^2/NDF : 711.4/16

Left Out: 1.803 $\pm$ 0.046 χ^2/NDF :2270.8/15

Right Out: 1.104 $\pm$ 0.059 χ^2/NDF : 936.5/18

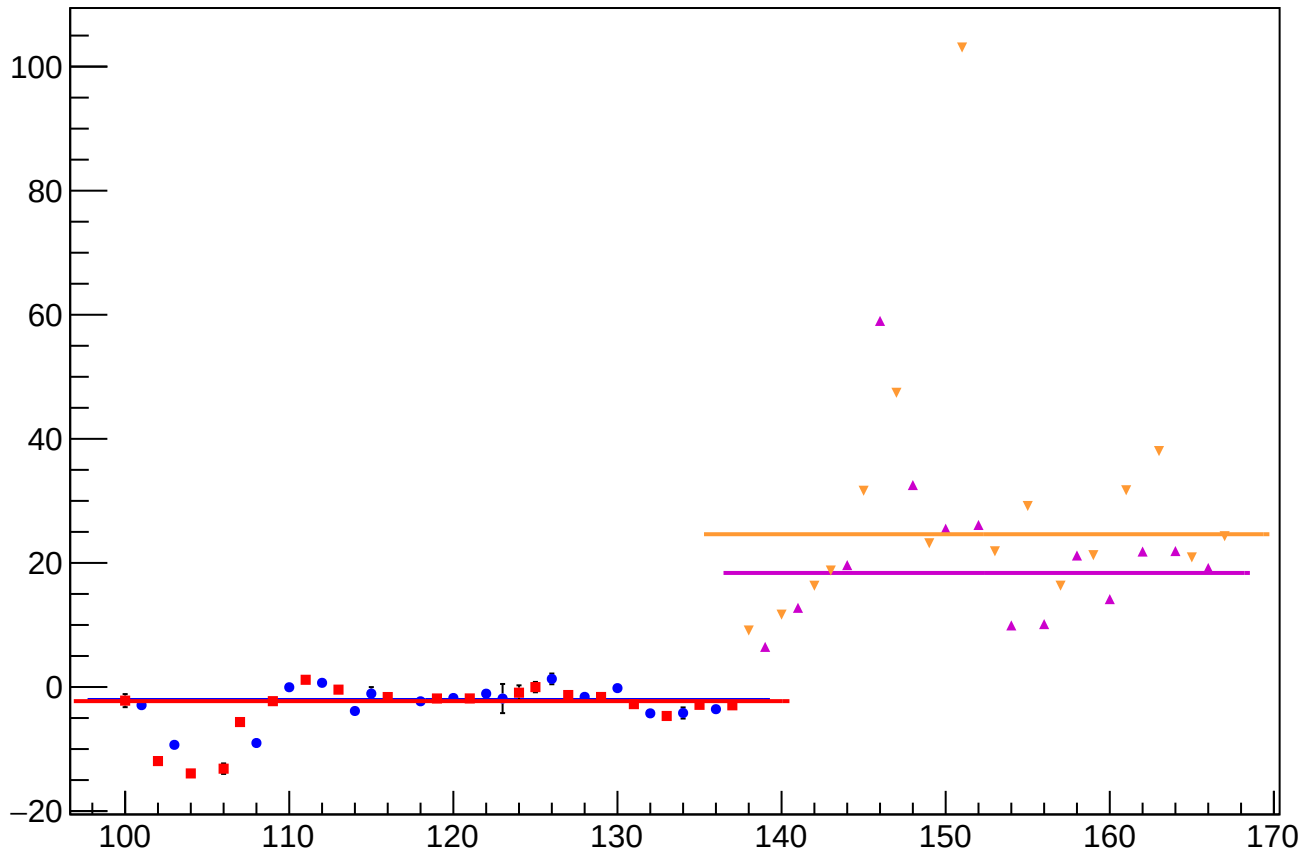
Left In: 1.424 $\pm$ 0.041 χ^2/NDF :1715.5/13

+ sign 1.670 $\pm$ 0.037 χ^2/NDF : 3005.6/32

All: 1.478 $\pm$ 0.025 χ^2/NDF : 5725.9/65

- sign 1.321 $\pm$ 0.034 χ^2/NDF : 2671.9/32

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 $\chi^2/\text{NDF}: 486.5/16$

Left Out: 24.626 ± 0.061 $\chi^2/\text{NDF}: 50583.4/15$

Right Out: -2.278 ± 0.101 $\chi^2/\text{NDF}: 918.6/18$

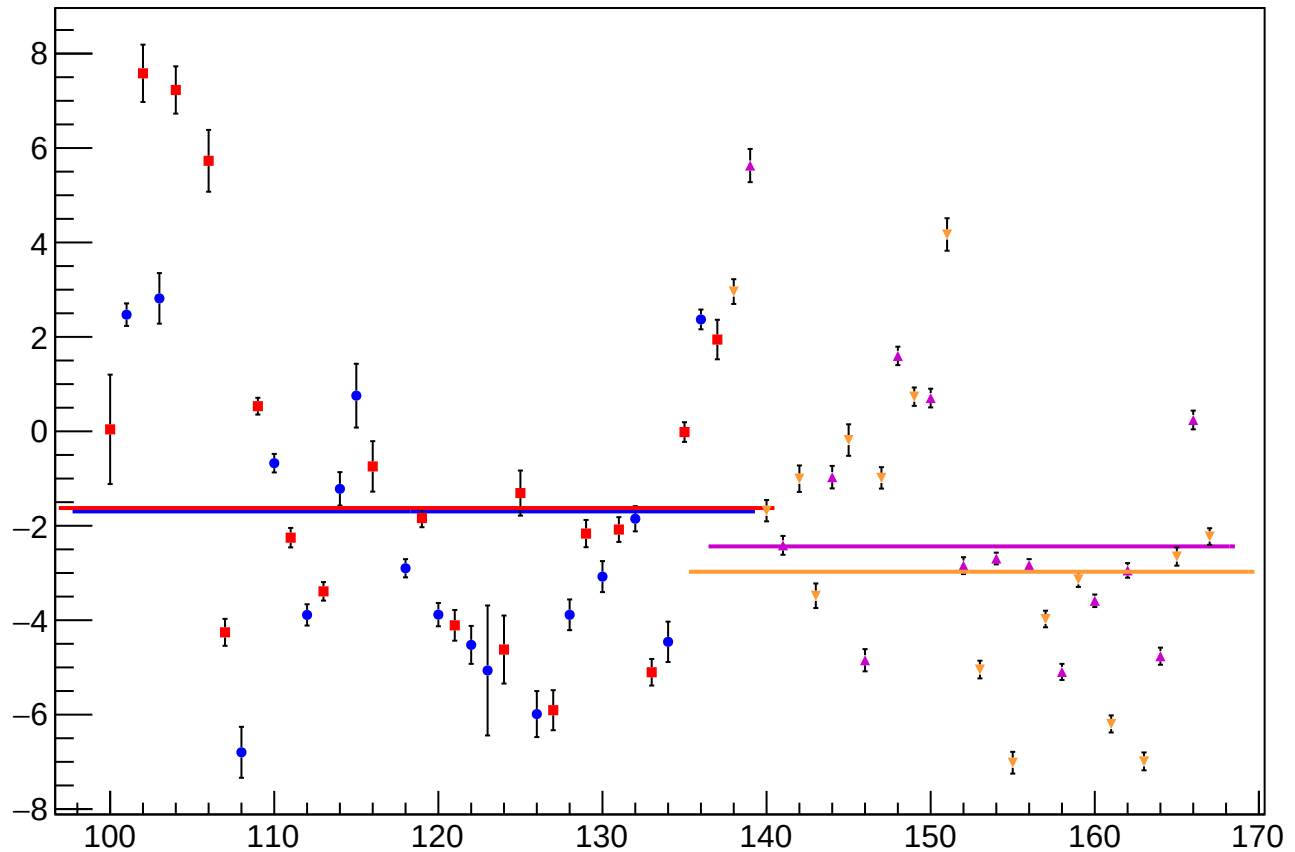
Left In: 18.384 ± 0.054 $\chi^2/\text{NDF}: 34509.4/13$

+ sign 18.493 ± 0.054 $\chi^2/\text{NDF}: 94462.9/32$

All: 15.834 ± 0.036 $\chi^2/\text{NDF}: 166668.8/65$

- sign 13.735 ± 0.048 $\chi^2/\text{NDF}: 67857.3/32$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696±/0.072 χ^2/NDF : 1333.3/16

Left Out: -2.974±/0.053 χ^2/NDF : 2791.7/15

Right Out: -1.624±/0.067 χ^2/NDF : 1467.3/18

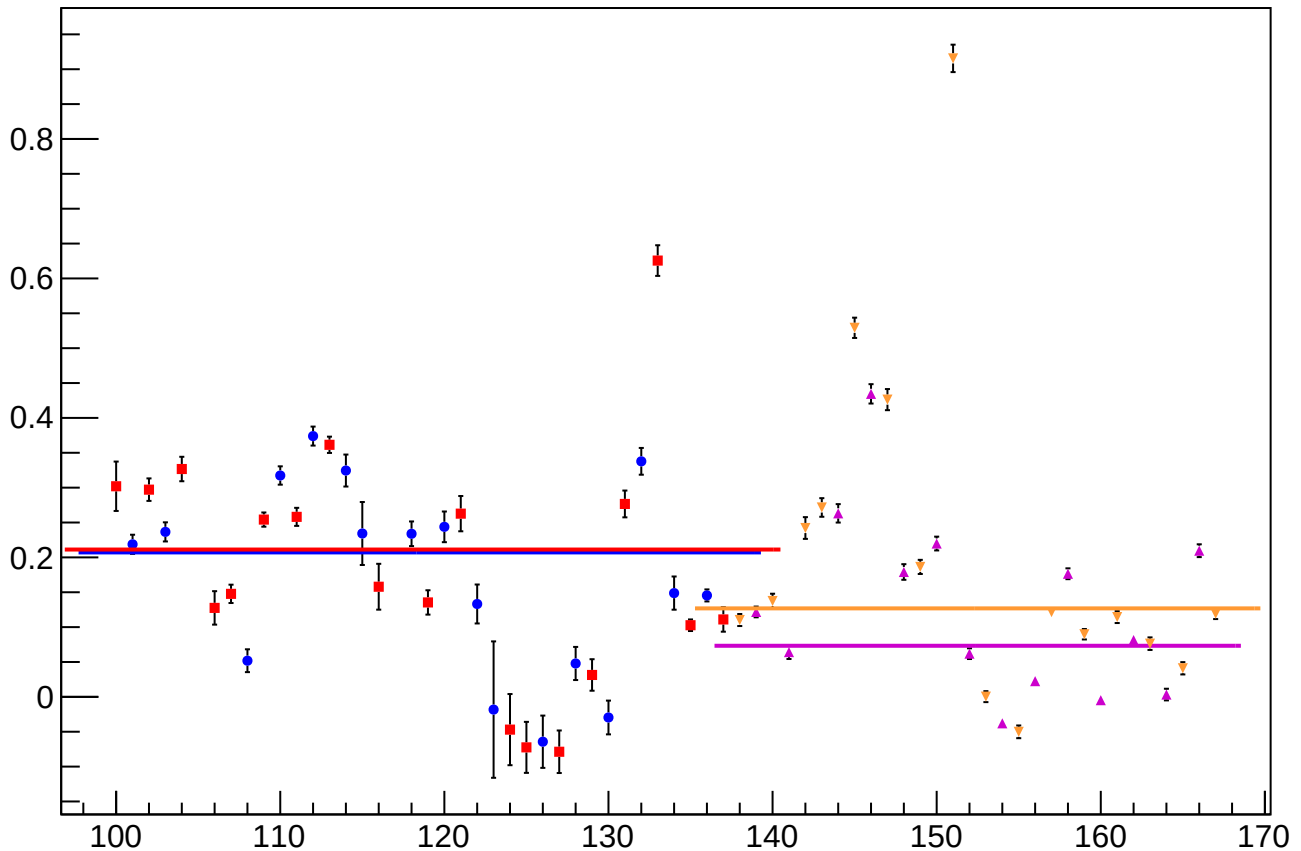
Left In: -2.437±/0.046 χ^2/NDF : 2041.8/13

+ sign -2.525±/0.042 χ^2/NDF : 4332.0/32

All: -2.331±/0.028 χ^2/NDF : 7978.5/65

- sign -2.174±/0.038 χ^2/NDF : 3608.7/32

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: 0.127 ± 0.002 $\chi^2/\text{NDF}: 3765.8/15$

Right Out: 0.211 ± 0.004 $\chi^2/\text{NDF}: 1145.7/18$

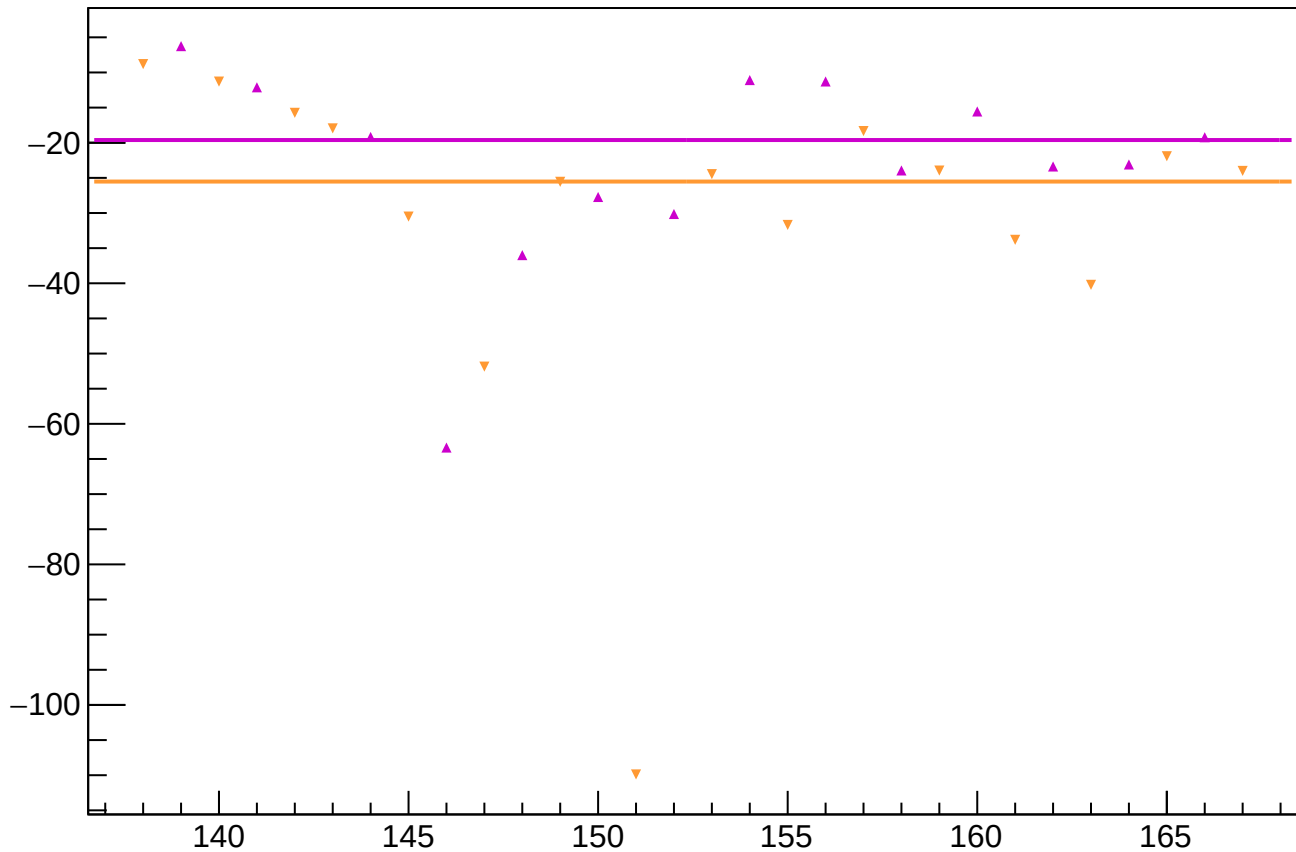
Left In: 0.073 ± 0.002 $\chi^2/\text{NDF}: 2437.7/13$

+ sign 0.146 ± 0.002 $\chi^2/\text{NDF}: 4699.1/32$

All: 0.123 ± 0.001 $\chi^2/\text{NDF}: 9555.9/65$

- sign 0.105 ± 0.002 $\chi^2/\text{NDF}: 4625.2/32$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -25.523+/-0.063 χ^2/NDF : 55413.5/15

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

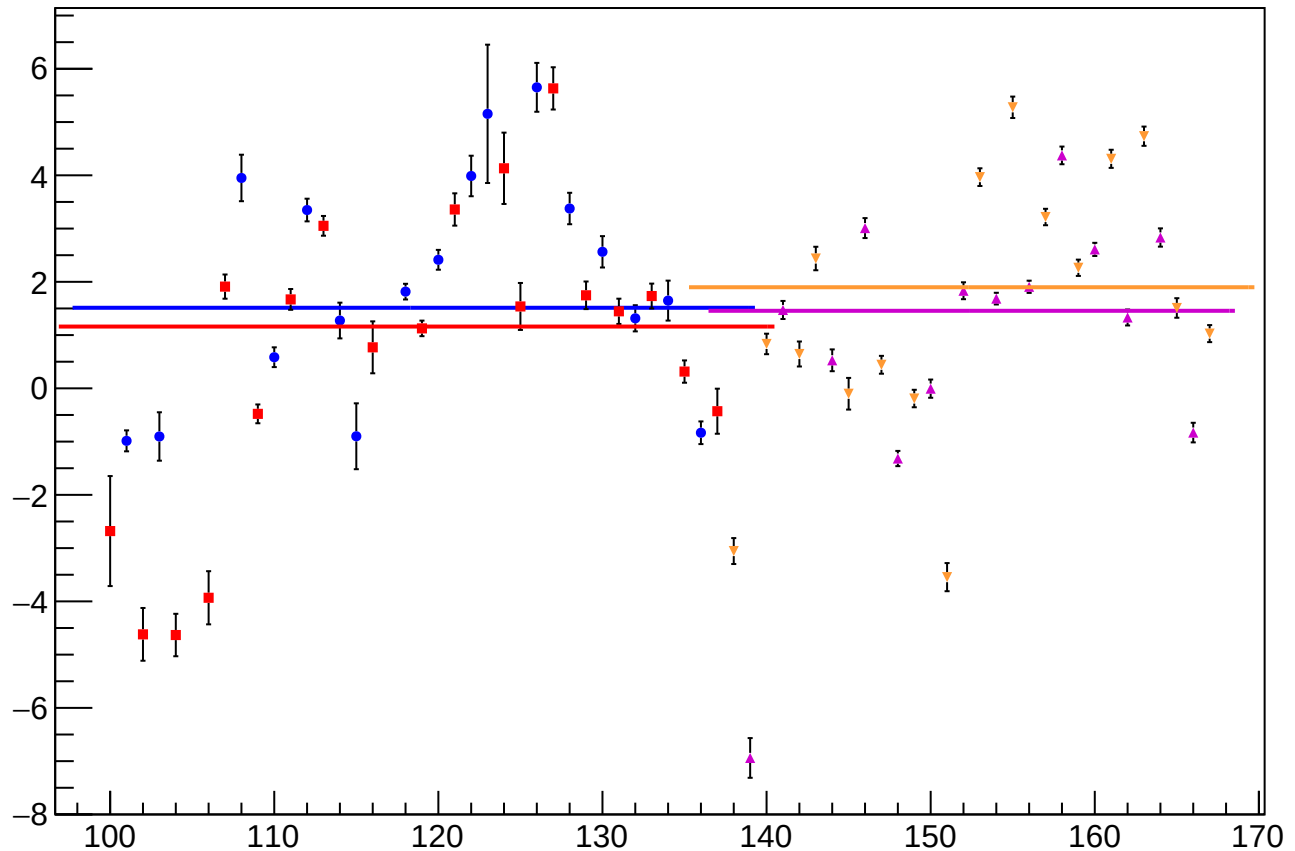
Left In: -19.616+/-0.057 χ^2/NDF : 36961.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.280+/-0.042 χ^2/NDF : 97192.5/29

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.898 $\pm$ 0.047 χ^2/NDF :2182.7/15

Right Out: 1.160 $\pm$ 0.060 χ^2/NDF : 917.0/18

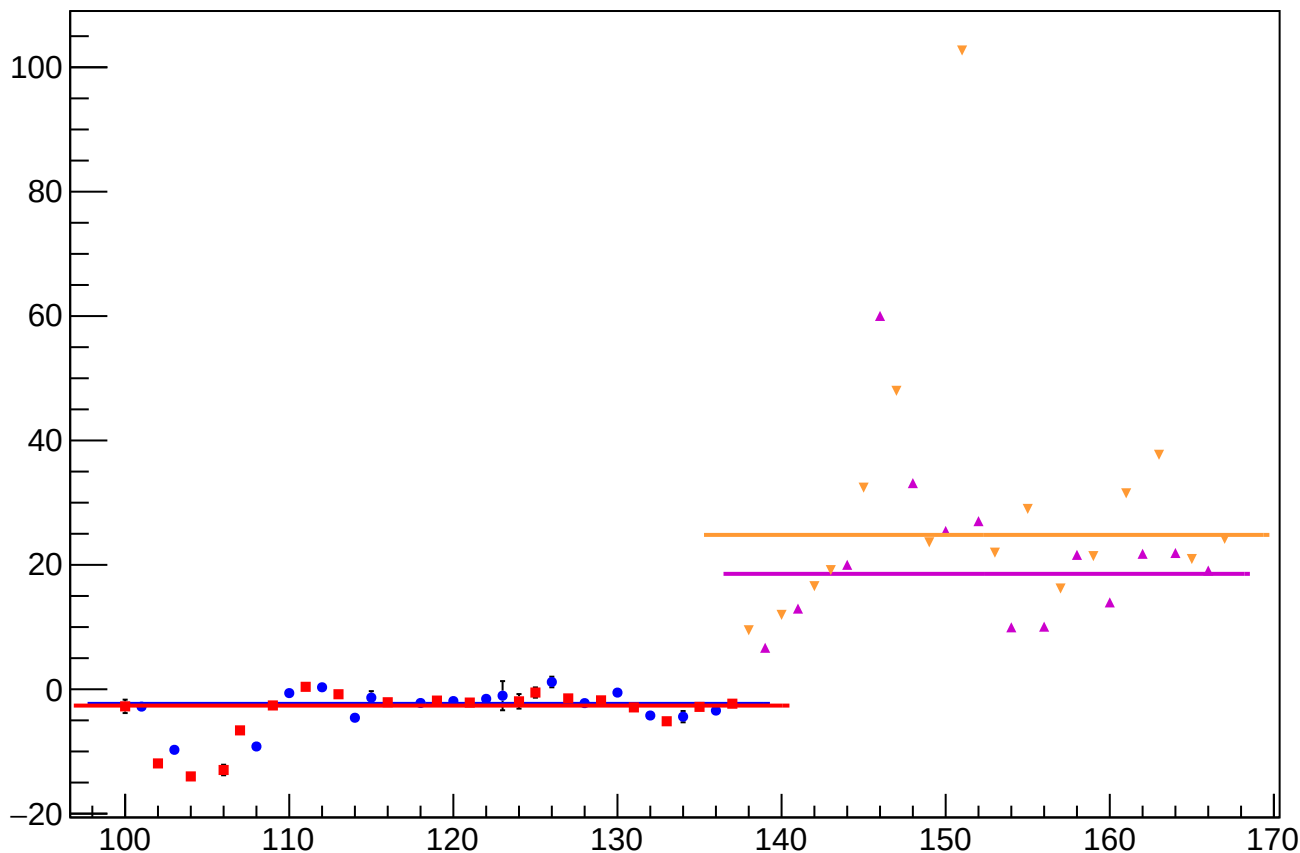
Left In: 1.456 $\pm$ 0.041 χ^2/NDF :1686.5/13

+ sign 1.761 $\pm$ 0.037 χ^2/NDF : 2876.7/32

All: 1.542 $\pm$ 0.025 χ^2/NDF : 5559.3/65

- sign 1.361 $\pm$ 0.034 χ^2/NDF : 2620.0/32

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 24.819 ± 0.062 χ^2/NDF : 49627.6/15

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

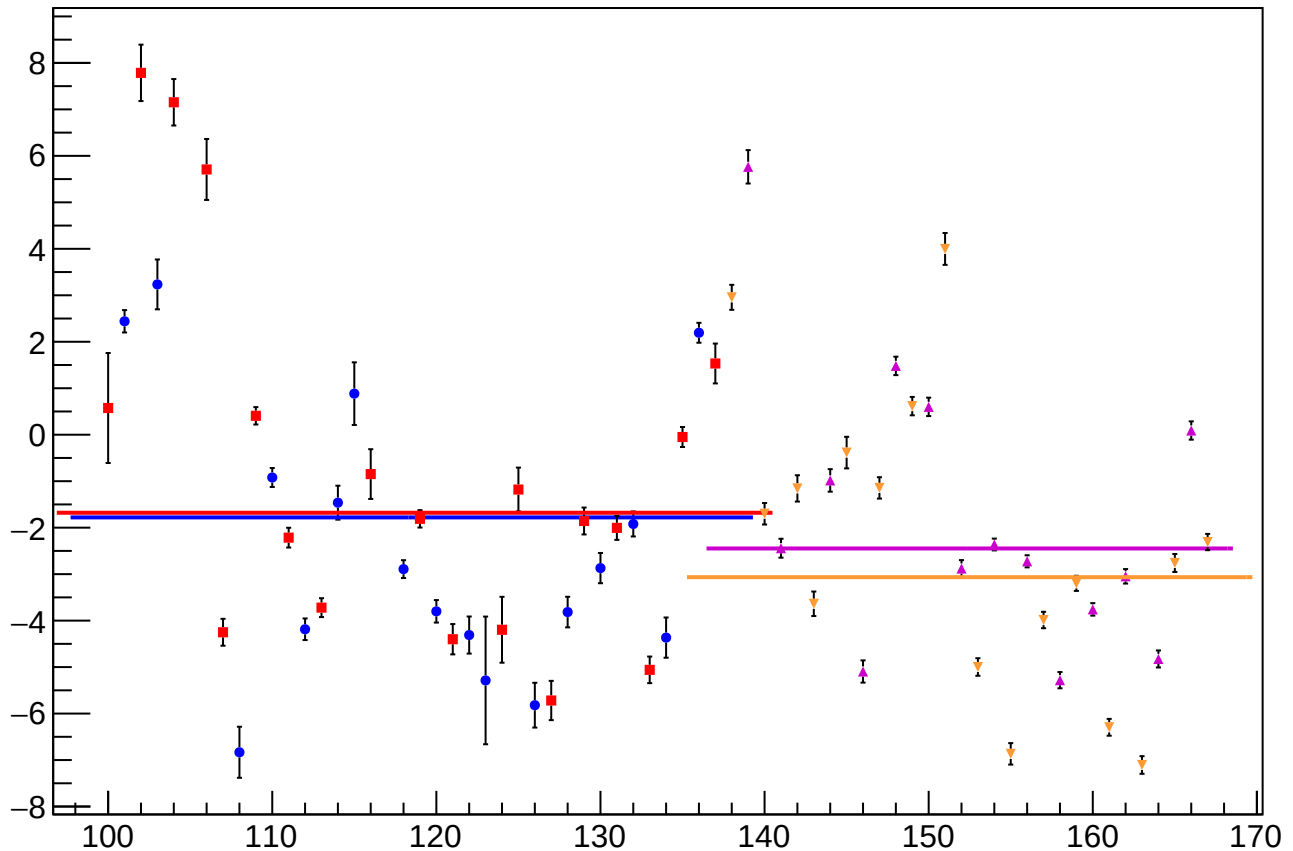
Left In: 18.556 ± 0.055 χ^2/NDF : 34794.5/13

+ sign 18.646 ± 0.054 χ^2/NDF : 93730.0/32

All: 15.979 ± 0.036 χ^2/NDF : 166418.2/65

- sign 13.853 ± 0.049 χ^2/NDF : 68381.0/32

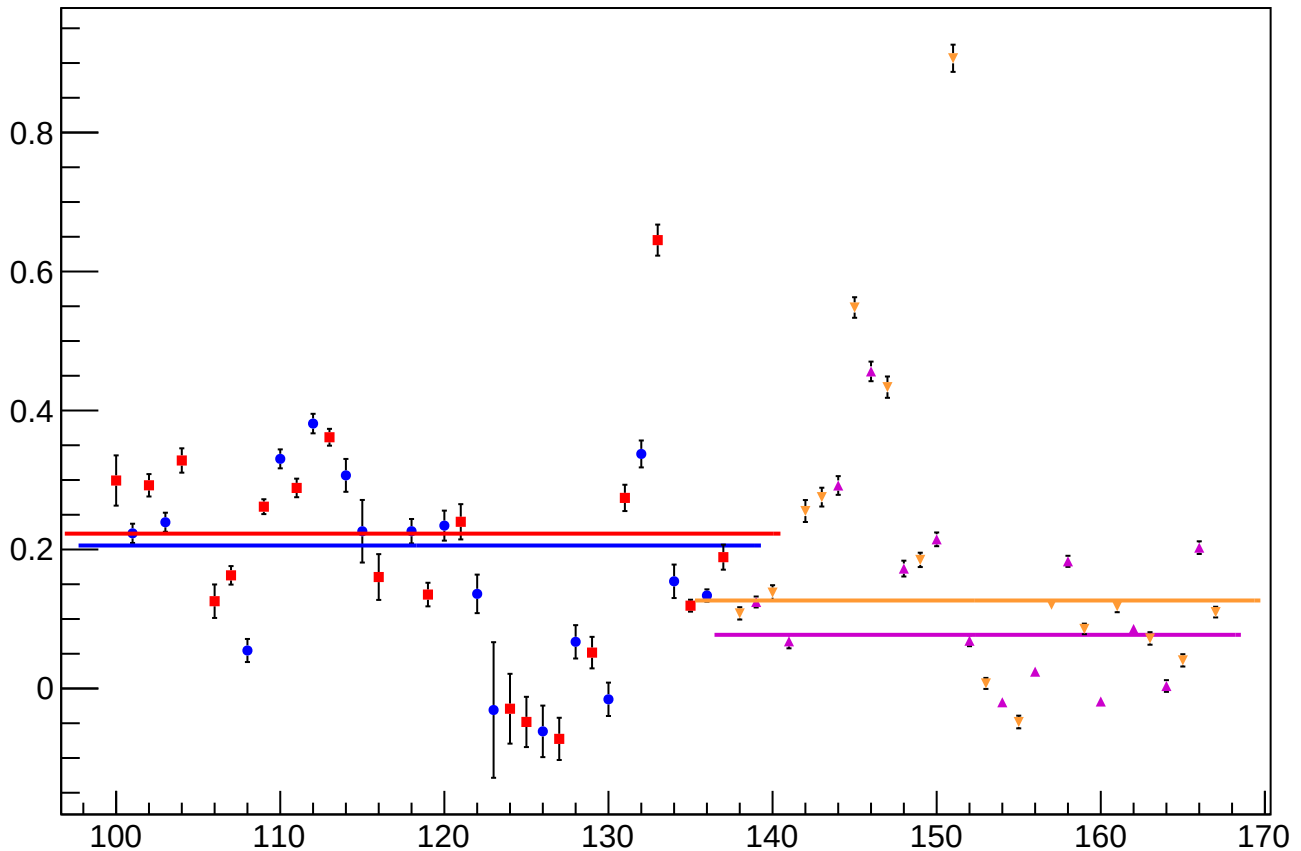
reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779±/0.072 χ^2/NDF : 1272.1/16
 Left Out: -3.065±/0.053 χ^2/NDF : 2686.0/15
 Right Out: -1.679±/0.068 χ^2/NDF : 1429.6/18
 Left In: -2.448±/0.047 χ^2/NDF : 2027.7/13

+ sign -2.615±/0.043 χ^2/NDF : 4163.8/32
 All: -2.386±/0.029 χ^2/NDF : 7759.6/65
 - sign -2.199±/0.039 χ^2/NDF : 3543.7/32

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.127 ± 0.002 χ^2/NDF : 3785.3/15

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.077 ± 0.002 χ^2/NDF : 2410.6/13

+ sign 0.146 ± 0.002 χ^2/NDF : 4699.9/32

All: 0.125 ± 0.001 χ^2/NDF : 9434.0/65

- sign 0.110 ± 0.002 χ^2/NDF : 4569.4/32