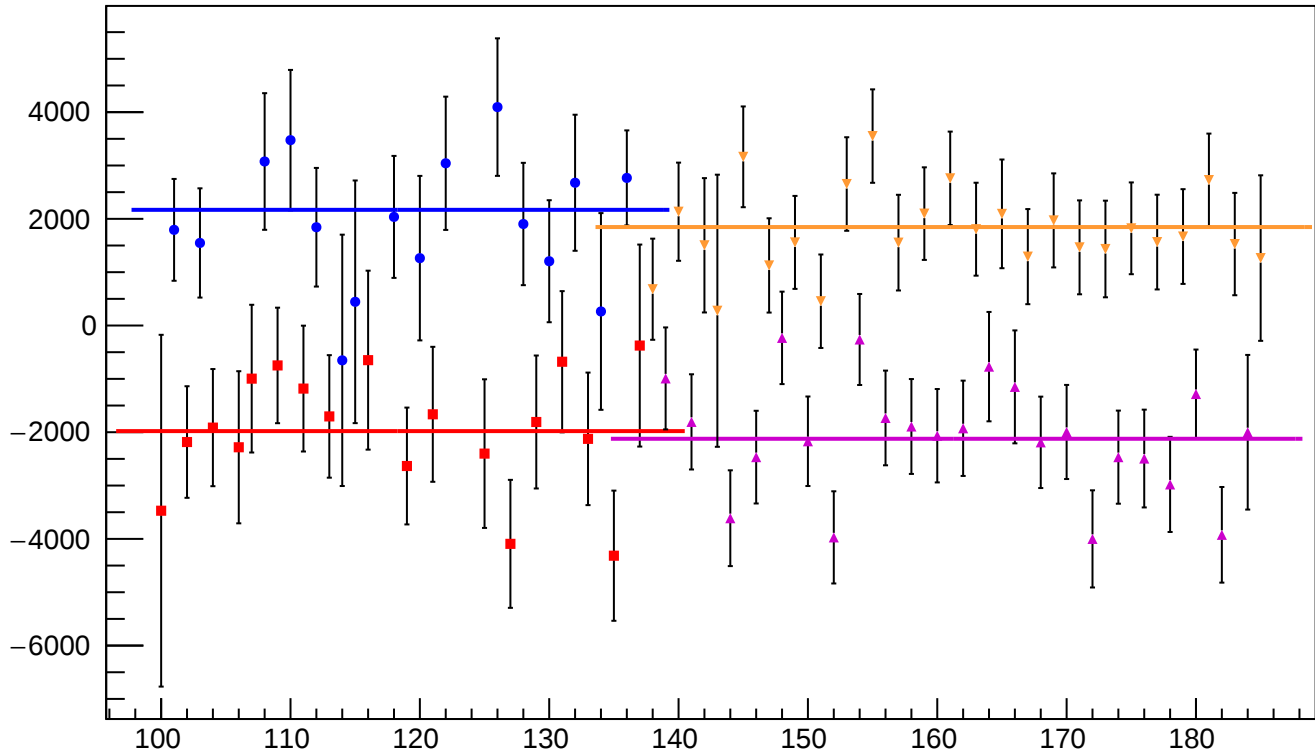


reg_asym_us_avg_mean vs Slug



Right In: 2168.910 $\pm$ 308.001

χ^2 /NDF: 9.6/15

Left Out: 1846.049 $\pm$ 186.926

χ^2 /NDF: 15.5/24

Right Out: -1979.368 $\pm$ 301.309

χ^2 /NDF: 12.2/17

Left In: -2123.138 $\pm$ 188.684

χ^2 /NDF: 32.0/22

+ sign 1932.957 $\pm$ 159.799

χ^2 /NDF: 25.9/40

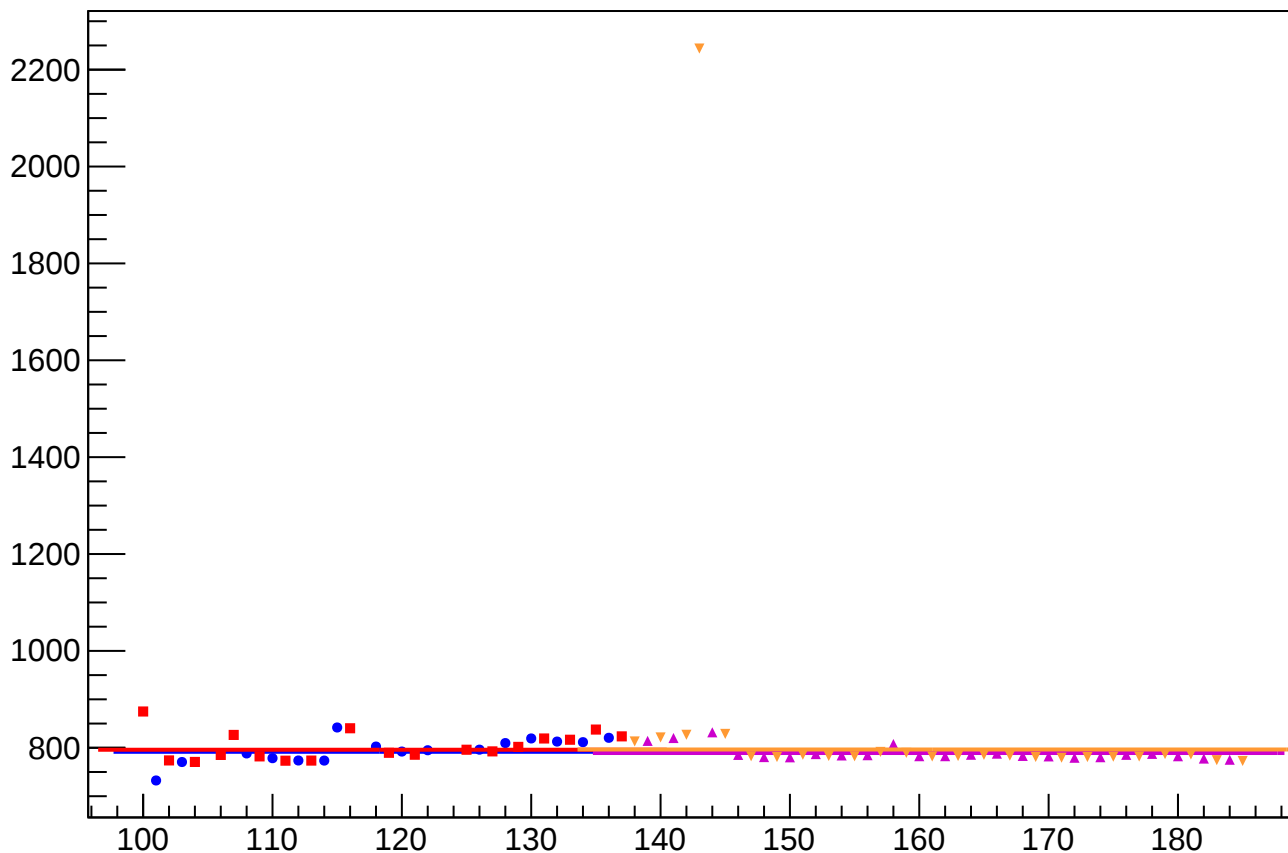
All: -73.370 $\pm$ 113.037

χ^2 /NDF: 385.8/81

- sign -2082.640 $\pm$ 159.916

χ^2 /NDF: 44.4/40

reg_asym_us_avg_rms vs Slug



Right In: 791.722 $\pm$ 0.218 χ^2 /NDF: 15122.0/15

Left Out: 796.444 $\pm$ 0.132 χ^2 /NDF: 658708.4/24

Right Out: 795.921 $\pm$ 0.213 χ^2 /NDF: 11575.2/17

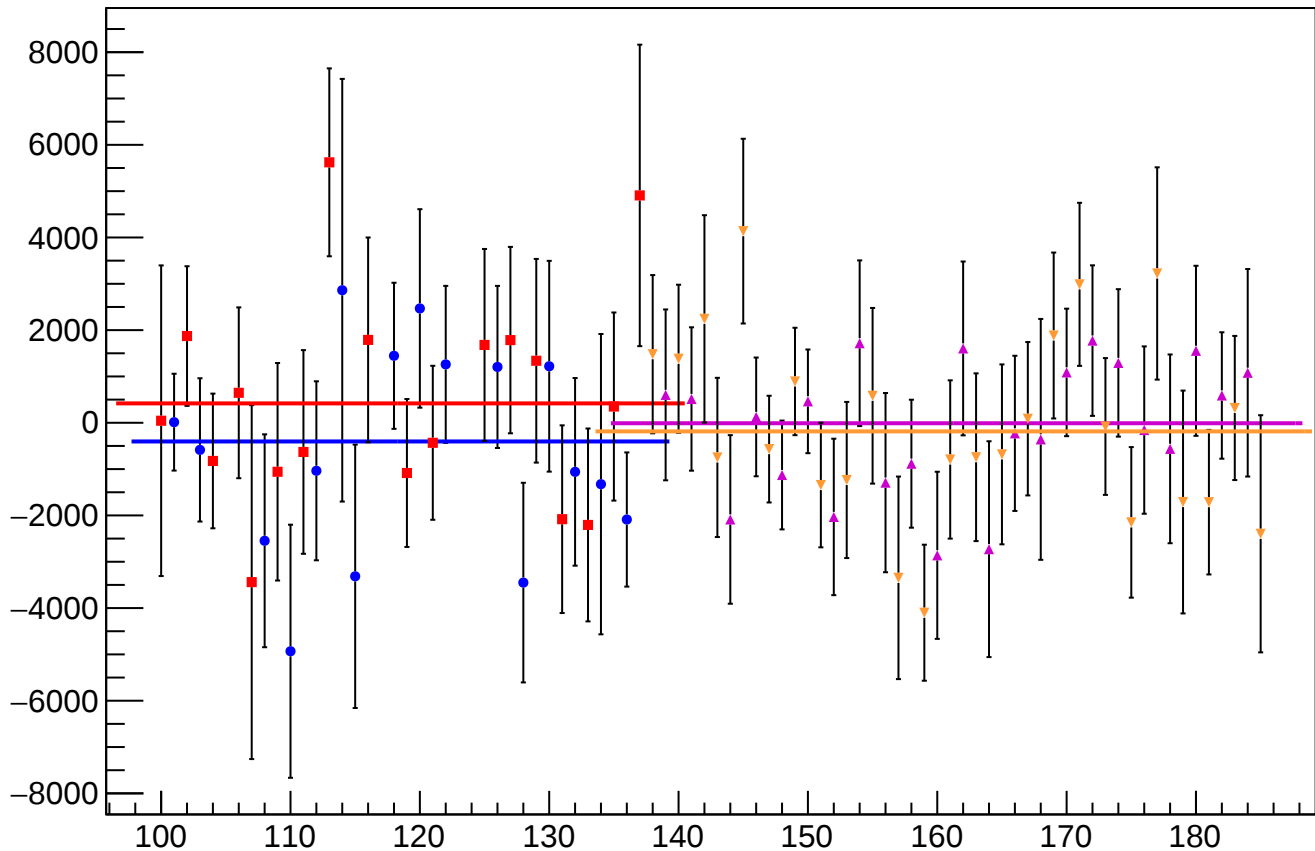
Left In: 789.185 $\pm$ 0.133 χ^2 /NDF: 11343.2/22

+ sign 795.173 $\pm$ 0.113 χ^2 /NDF: 674173.9/40

All: 793.129 $\pm$ 0.080 χ^2 /NDF: 698465.3/81

- sign 791.082 $\pm$ 0.113 χ^2 /NDF: 23636.6/40

asym_us_avg_correction_mean vs Slug



Right In: -403.277 ± 465.456 χ^2/NDF : 14.5/15

Left Out: -185.577 ± 333.944 χ^2/NDF : 30.2/24

Right Out: 418.532 ± 473.834 χ^2/NDF : 17.5/17

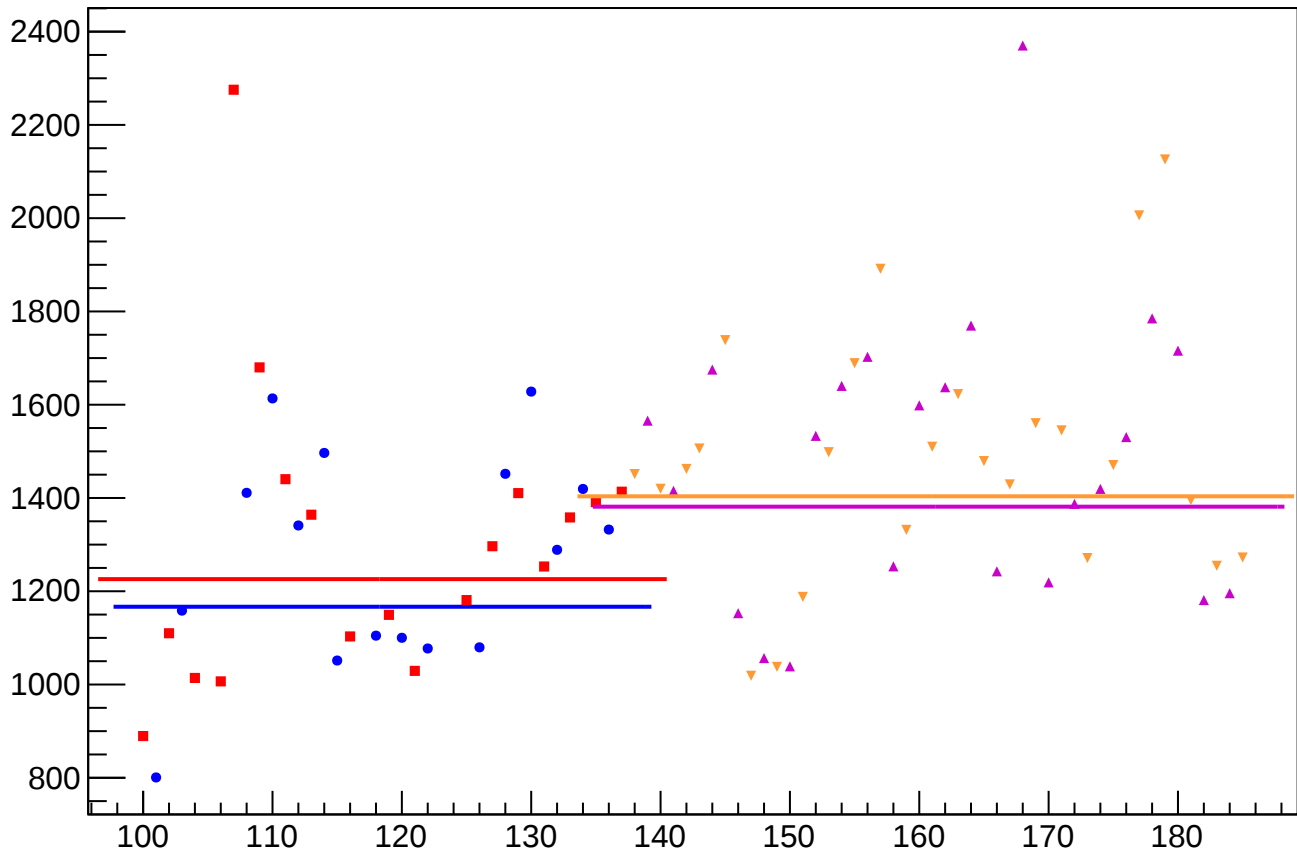
Left In: -10.093 ± 337.810 χ^2/NDF : 14.2/22

+ sign -259.557 ± 271.334 χ^2/NDF : 44.8/40

All: -65.293 ± 193.167 χ^2/NDF : 78.1/81

- sign 134.349 ± 275.064 χ^2/NDF : 32.2/40

asym_us_avg_correction_rms vs Slug



Right In: 1166.780 $\pm$ 0.329 χ^2 /NDF: 529794.9/15

Left Out: 1403.596 $\pm$ 0.236 χ^2 /NDF: 1126694.6/24

Right Out: 1225.994 $\pm$ 0.335 χ^2 /NDF: 441386.8/17

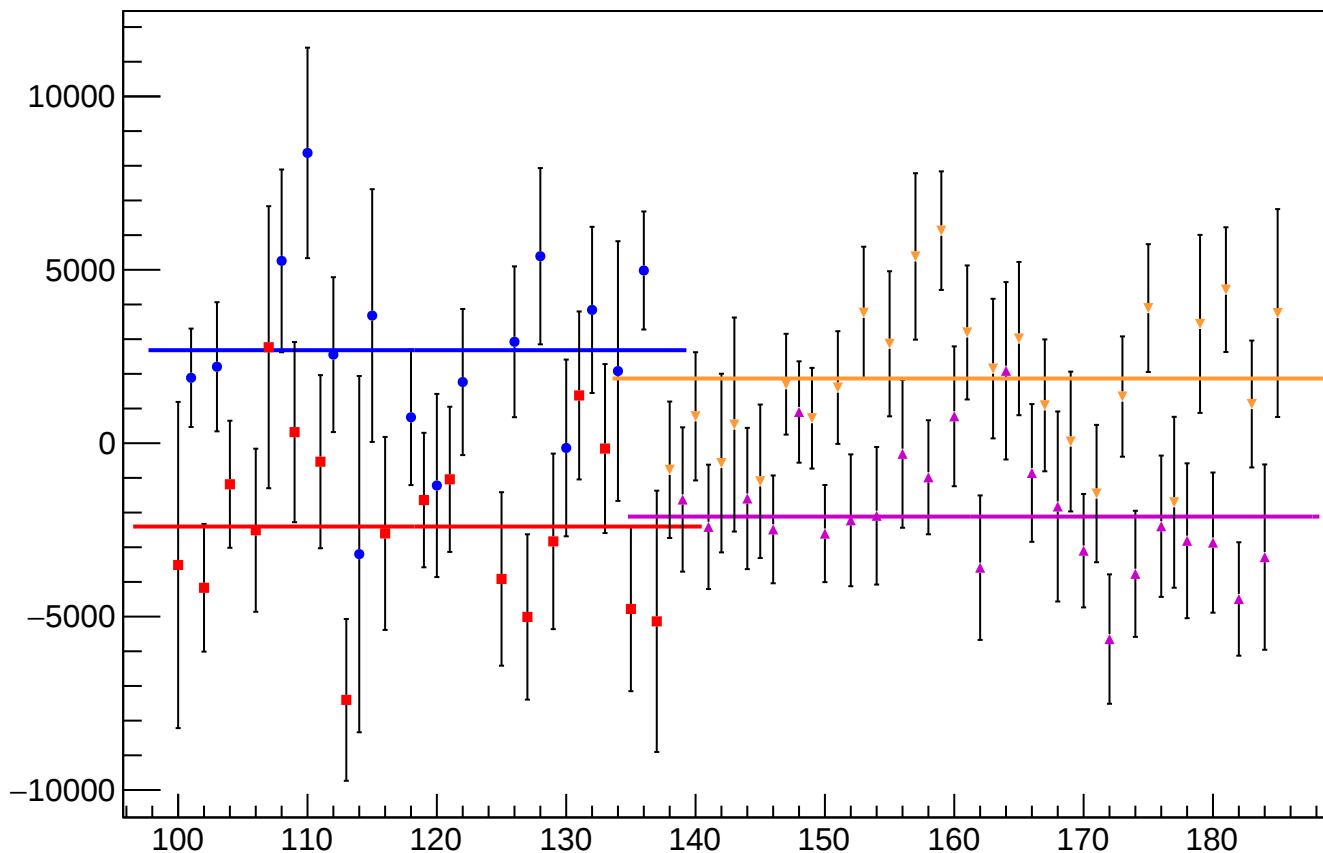
Left In: 1381.359 $\pm$ 0.239 χ^2 /NDF: 1276488.2/22

+ sign 1323.120 $\pm$ 0.192 χ^2 /NDF: 1998276.6/40

All: 1326.021 $\pm$ 0.137 χ^2 /NDF: 3859176.8/83

- sign 1329.003 $\pm$ 0.194 χ^2 /NDF: 1860436.6/40

asym_us_avg_mean vs Slug



Right In: 2681.840 $\pm$ 568.598 χ^2 /NDF: 14.0/15

Left Out: 1866.021 $\pm$ 391.734 χ^2 /NDF: 26.2/24

Right Out: -2402.934 $\pm$ 570.326 χ^2 /NDF: 16.3/17

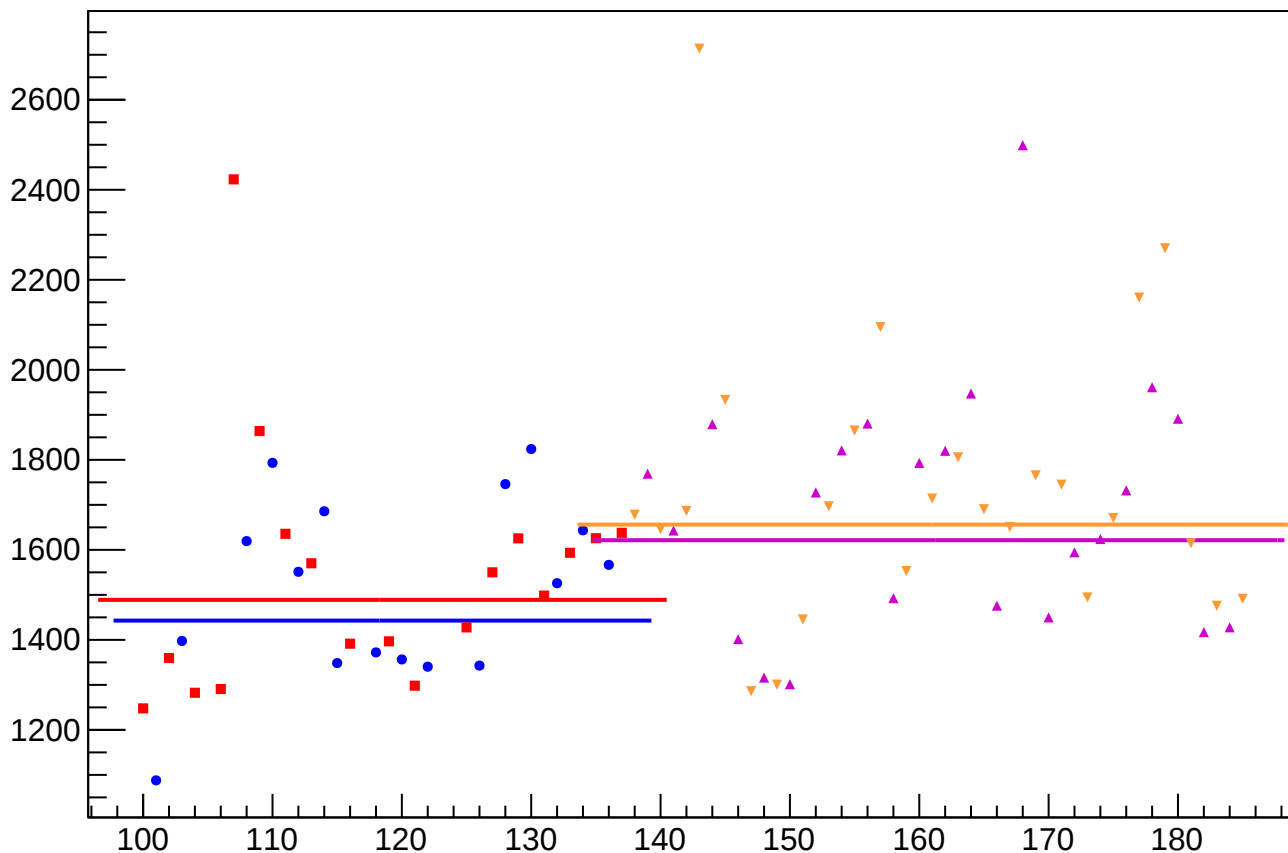
Left In: -2116.114 $\pm$ 392.997 χ^2 /NDF: 18.8/22

+ sign 2128.611 $\pm$ 322.587 χ^2 /NDF: 41.6/40

All: -33.073 $\pm$ 228.464 χ^2 /NDF: 166.9/81

- sign -2208.456 $\pm$ 323.608 χ^2 /NDF: 35.2/40

asym_us_avg_rms vs Slug



Right In: 1442.805 $\pm$ 0.402 χ^2 /NDF: 278289.5/15

Left Out: 1656.119 $\pm$ 0.277 χ^2 /NDF: 910685.4/24

Right Out: 1488.914 $\pm$ 0.403 χ^2 /NDF: 256704.3/17

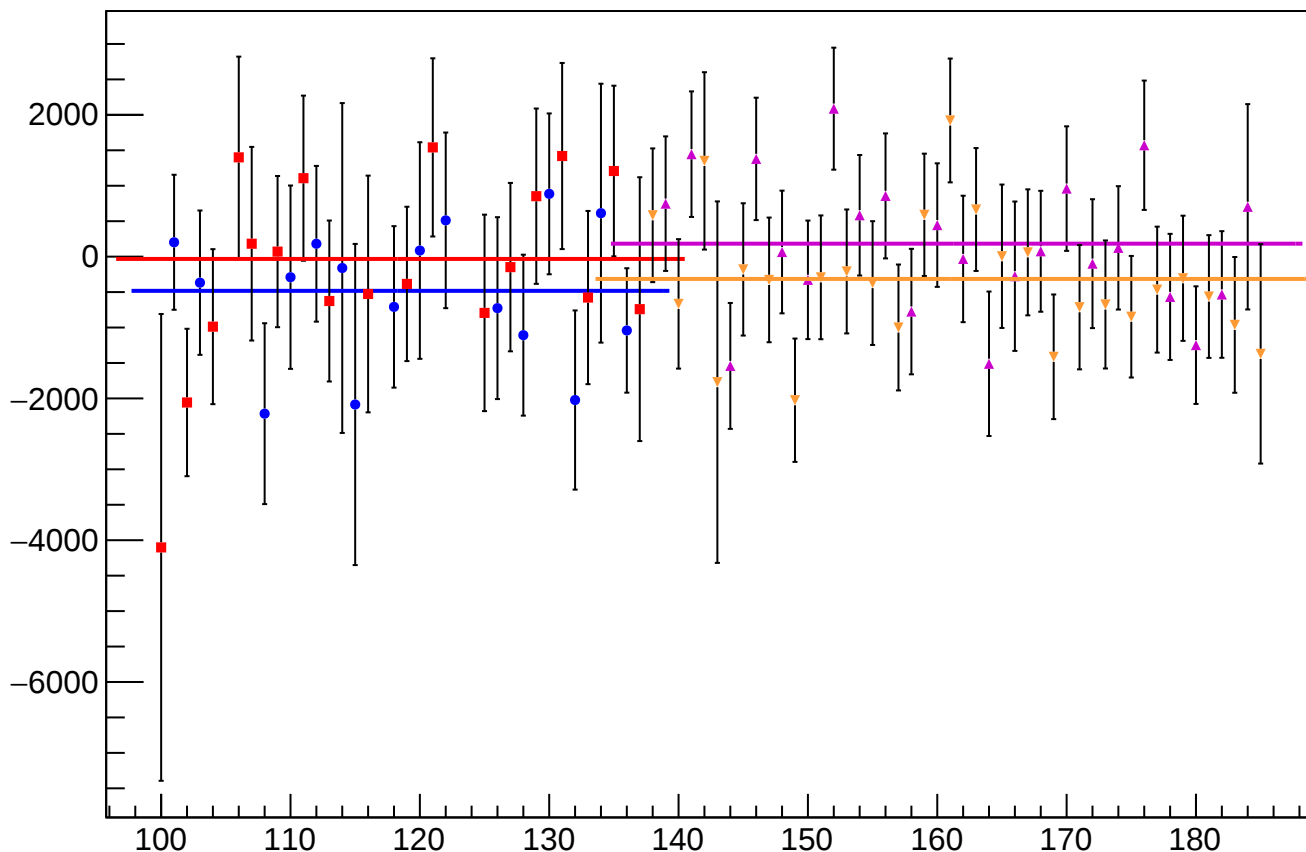
Left In: 1621.417 $\pm$ 0.278 χ^2 /NDF: 775310.1/22

+ sign 1587.459 $\pm$ 0.228 χ^2 /NDF: 1379857.7/40

All: 1583.122 $\pm$ 0.162 χ^2 /NDF: 2485794.9/83

- sign 1578.757 $\pm$ 0.229 χ^2 /NDF: 1105211.9/40

reg_asym_us_dd_mean vs Slug



Right In: -482.437+/-305.341 χ^2/NDF : 8.2/15

Left Out: -314.457+/-186.065 χ^2/NDF : 20.2/24

Right Out: -32.457+/-298.450 χ^2/NDF : 13.6/17

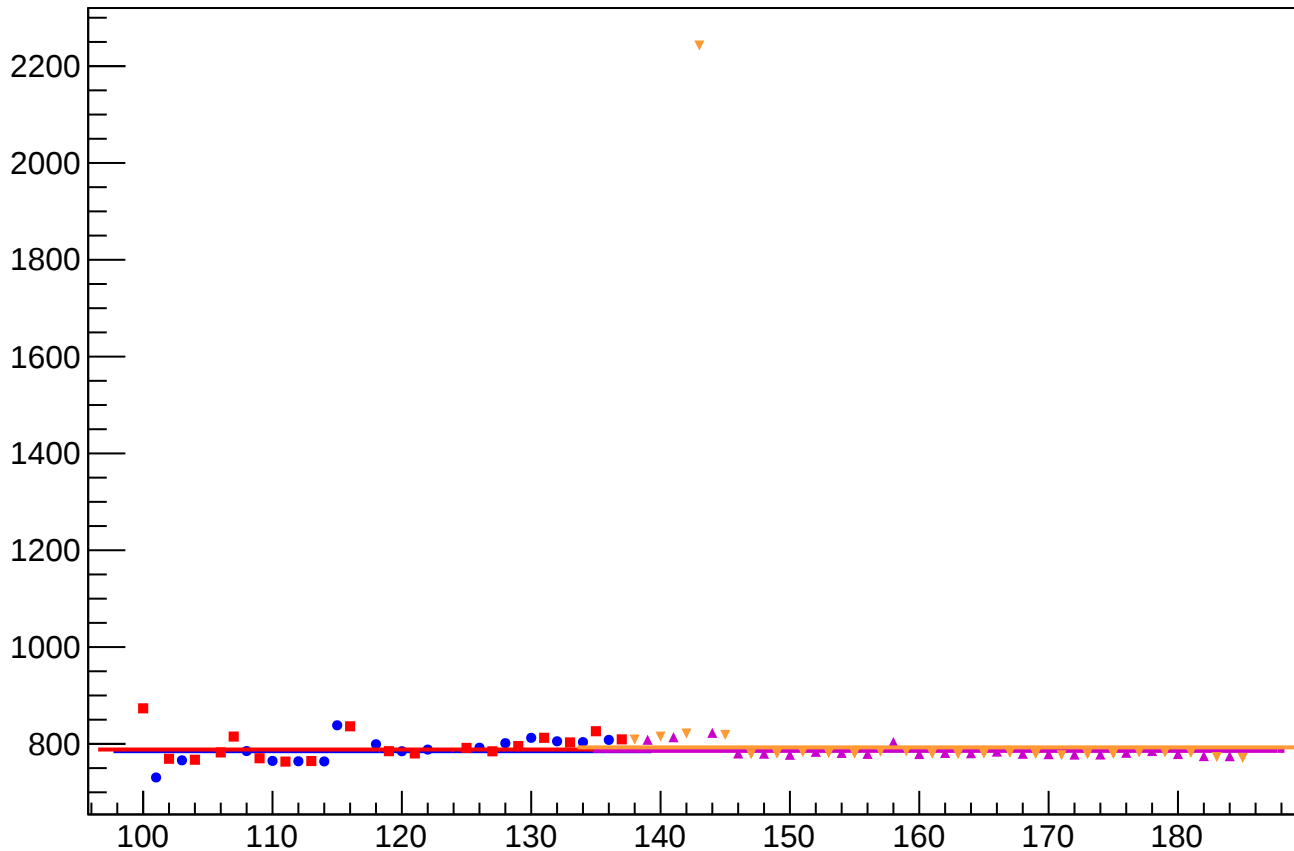
Left In: 182.895+/-187.817 χ^2/NDF : 26.1/22

+ sign -359.943+/-158.889 χ^2/NDF : 28.6/40

All: -119.177+/-112.377 χ^2/NDF : 73.3/81

- sign 121.803+/-158.960 χ^2/NDF : 40.1/40

reg_asym_us_dd_rms vs Slug



Right In: 784.921+/-0.216 χ^2/NDF : 13814.6/15

Left Out: 792.795+/-0.132 χ^2/NDF : 659508.1/24

Right Out: 788.394+/-0.211 χ^2/NDF : 10968.1/17

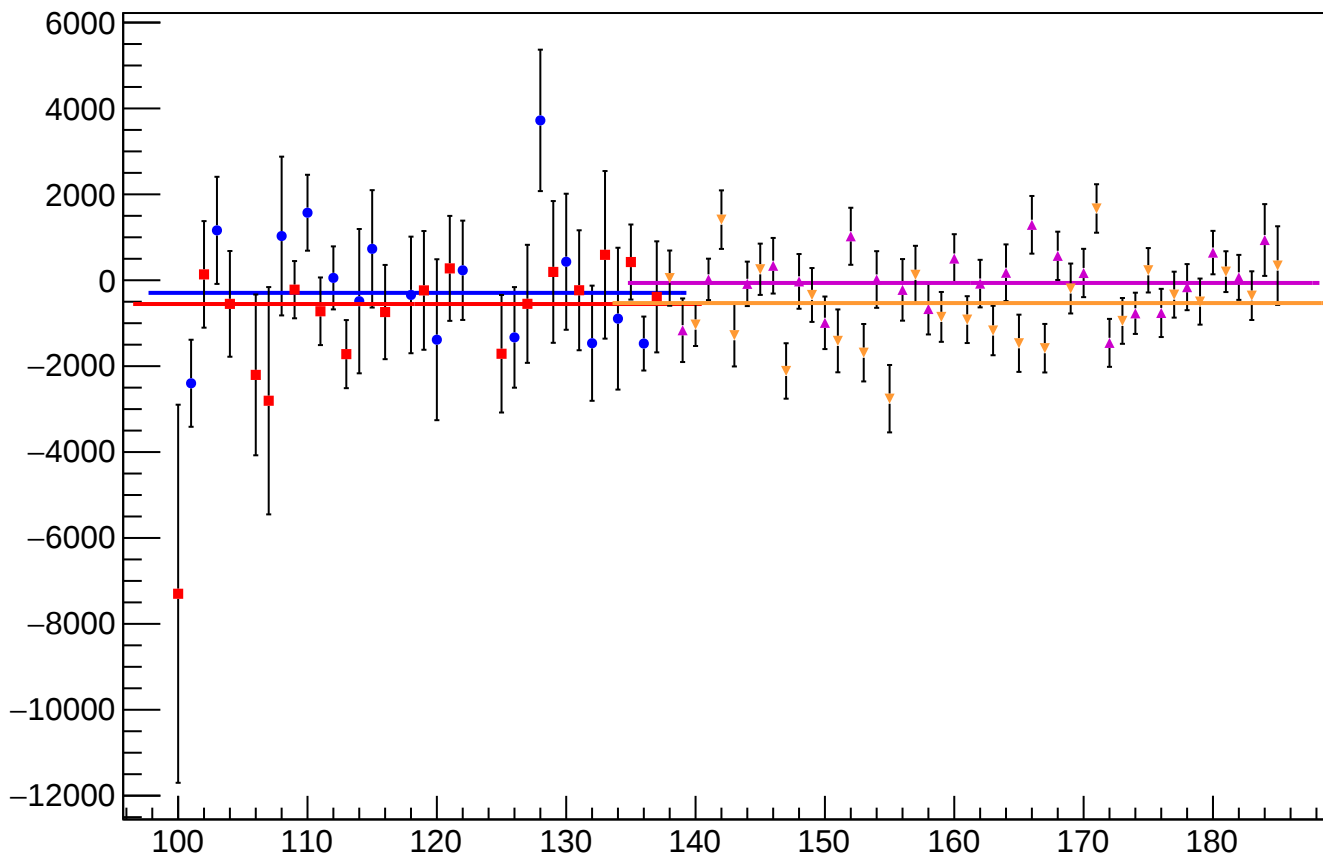
Left In: 785.592+/-0.133 χ^2/NDF : 9373.7/22

+ sign 790.663+/-0.112 χ^2/NDF : 674292.6/40

All: 788.526+/-0.079 χ^2/NDF : 695484.6/81

- sign 786.387+/-0.112 χ^2/NDF : 20468.1/40

asym_us_dd_correction_mean vs Slug



Right In: -293.772±/283.190 χ^2/NDF : 23.4/15

Left Out: -531.152±/119.557 χ^2/NDF :61.6/24

Right Out: -553.206±/273.321 χ^2/NDF : 9.8/17

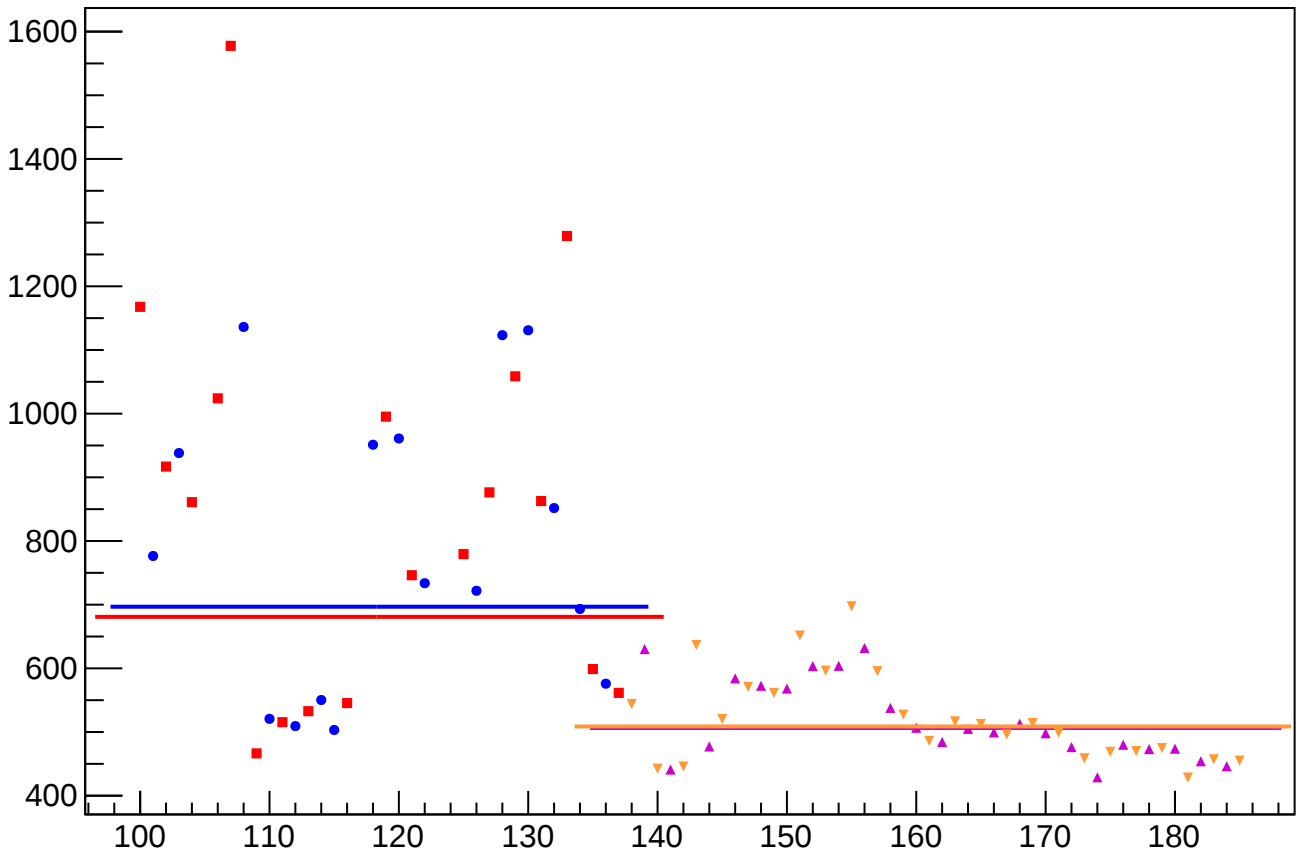
Left In: -62.768±/122.045 χ^2/NDF :28.8/22

+ sign -495.243±/110.144 χ^2/NDF : 85.6/40

All: -321.824±/78.338 χ^2/NDF : 131.8/81

- sign -144.299±/111.440 χ^2/NDF : 41.2/40

asym_us_dd_correction_rms vs Slug



Right In: 696.803 $\pm$ 0.200 χ^2 /NDF: 963973.0/15

Left Out: 508.768 $\pm$ 0.085 χ^2 /NDF: 549405.7/24

Right Out: 680.884 $\pm$ 0.193 χ^2 /NDF: 1353667.8/17

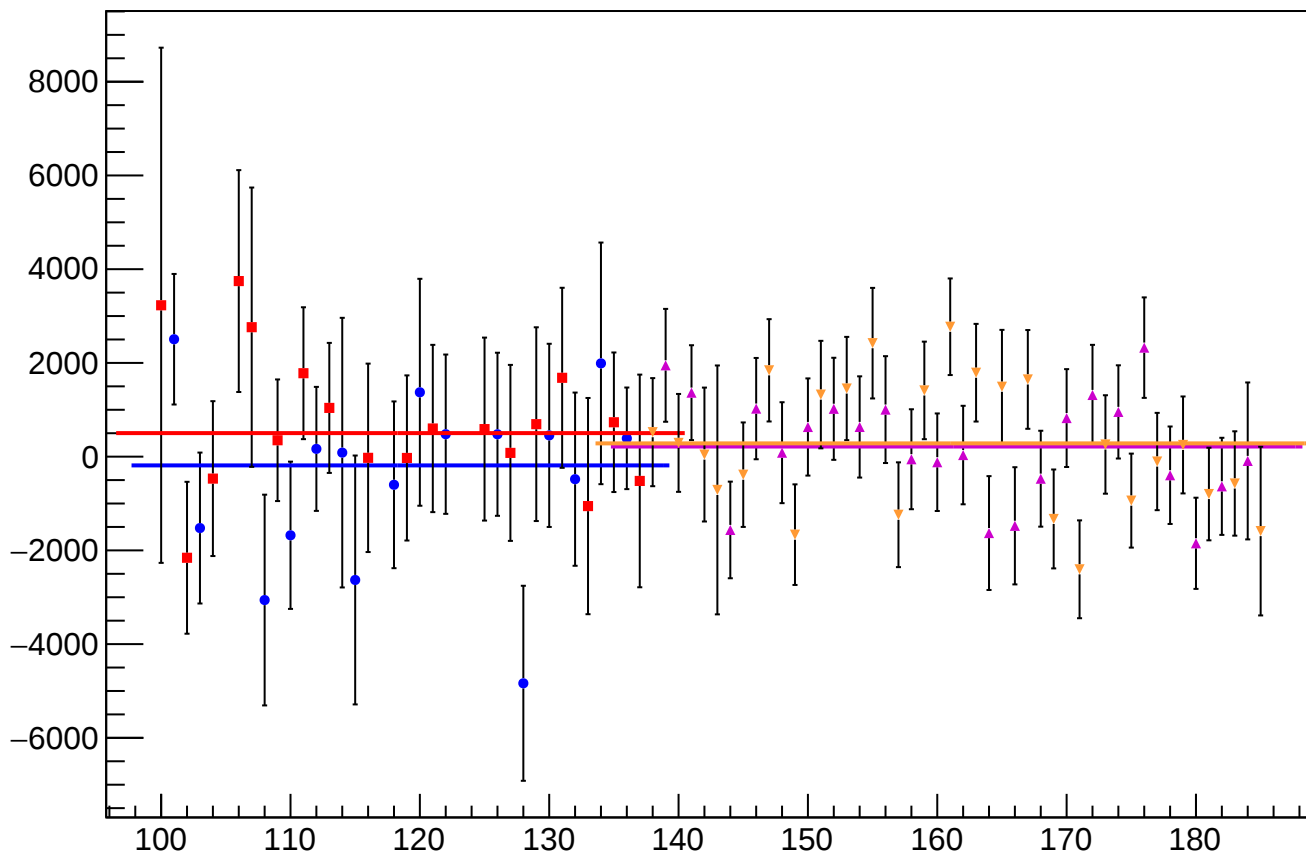
Left In: 506.380 $\pm$ 0.086 χ^2 /NDF: 436294.4/22

+ sign 537.212 $\pm$ 0.078 χ^2 /NDF: 2261762.8/40

All: 536.312 $\pm$ 0.055 χ^2 /NDF: 4731723.8/81

- sign 535.390 $\pm$ 0.079 χ^2 /NDF: 2469690.4/40

asym_us_dd_mean vs Slug



Right In: -186.802 ± 434.855 χ^2/NDF : 14.8/15

Left Out: 283.099 ± 223.610 χ^2/NDF : 38.2/24

Right Out: 502.321 ± 428.043 χ^2/NDF : 8.0/17

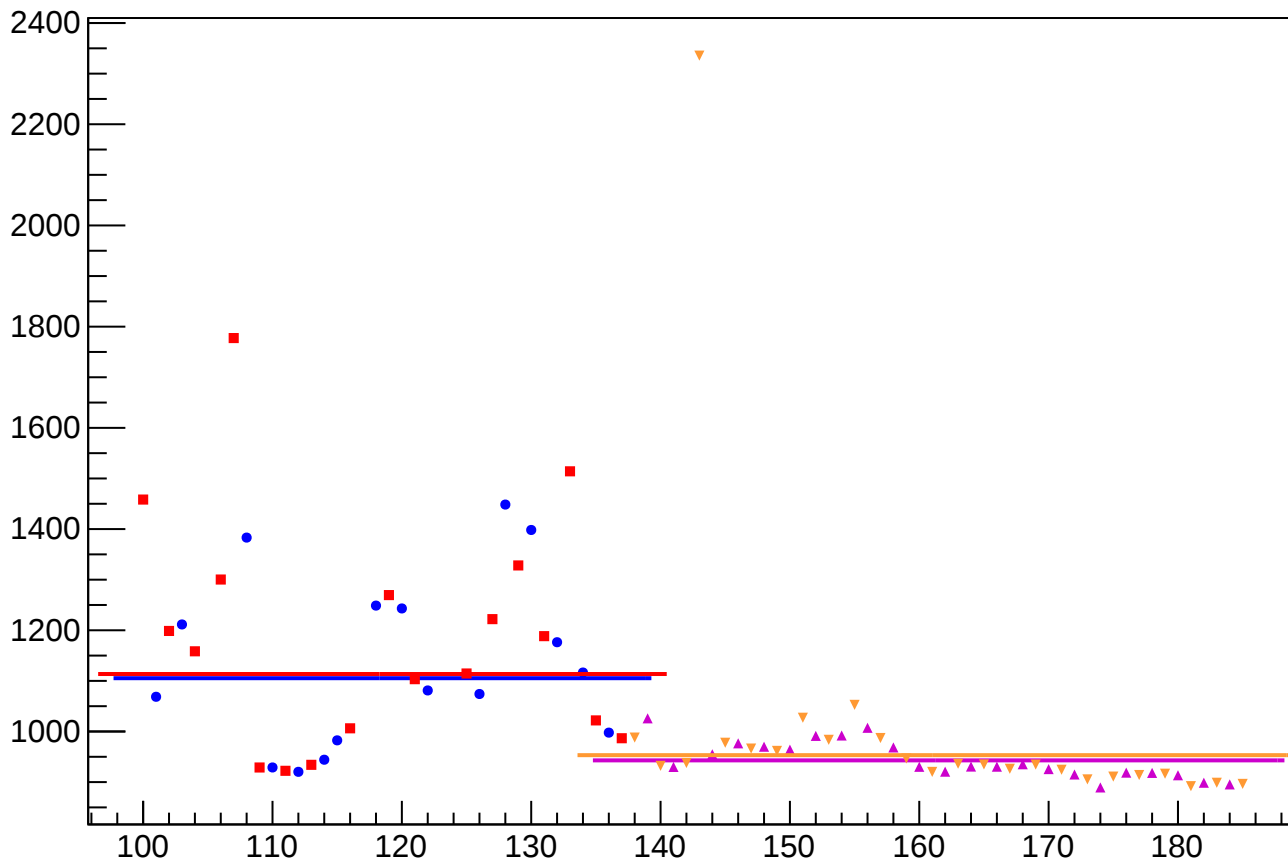
Left In: 216.121 ± 225.600 χ^2/NDF : 24.4/22

+ sign 184.832 ± 198.859 χ^2/NDF : 53.9/40

All: 231.417 ± 140.868 χ^2/NDF : 86.8/81

- sign 278.339 ± 199.577 χ^2/NDF : 32.8/40

asym_us_dd_rms vs Slug



Right In: 1105.313 $\pm$ 0.307 χ^2 /NDF: 258052.8/15

Left Out: 953.224 $\pm$ 0.158 χ^2 /NDF: 606291.4/24

Right Out: 1113.586 $\pm$ 0.303 χ^2 /NDF: 364341.2/17

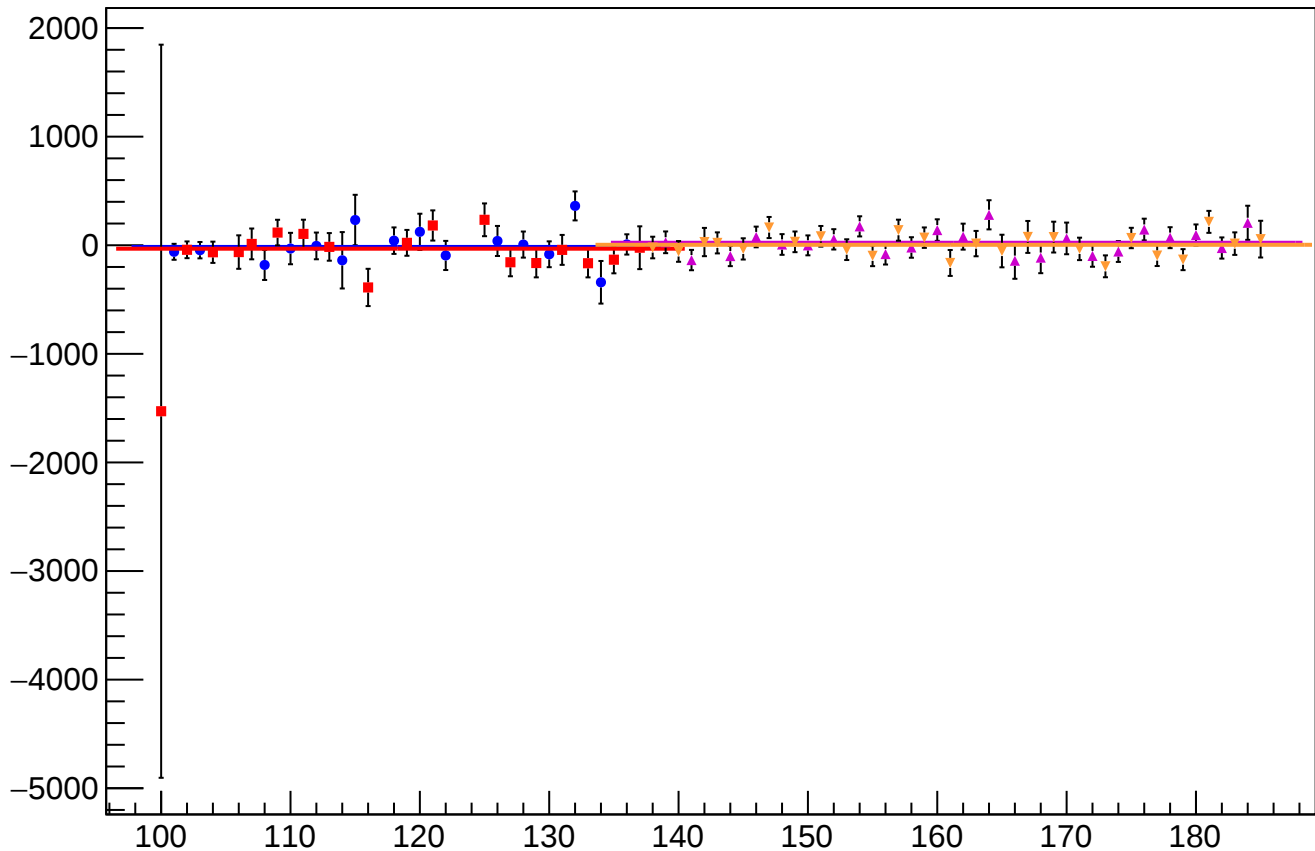
Left In: 942.927 $\pm$ 0.160 χ^2 /NDF: 48402.9/22

+ sign 985.029 $\pm$ 0.141 χ^2 /NDF: 1057828.1/40

All: 982.537 $\pm$ 0.100 χ^2 /NDF: 1720009.1/81

- sign 980.027 $\pm$ 0.141 χ^2 /NDF: 661550.5/40

reg_asym_ds_avg_mean vs Slug



Right In: -15.551 ± 30.032 χ^2/NDF : 15.9/15

Left Out: 4.204 ± 20.962 χ^2/NDF : 22.5/24

Right Out: -31.754 ± 30.492 χ^2/NDF : 16.8/17

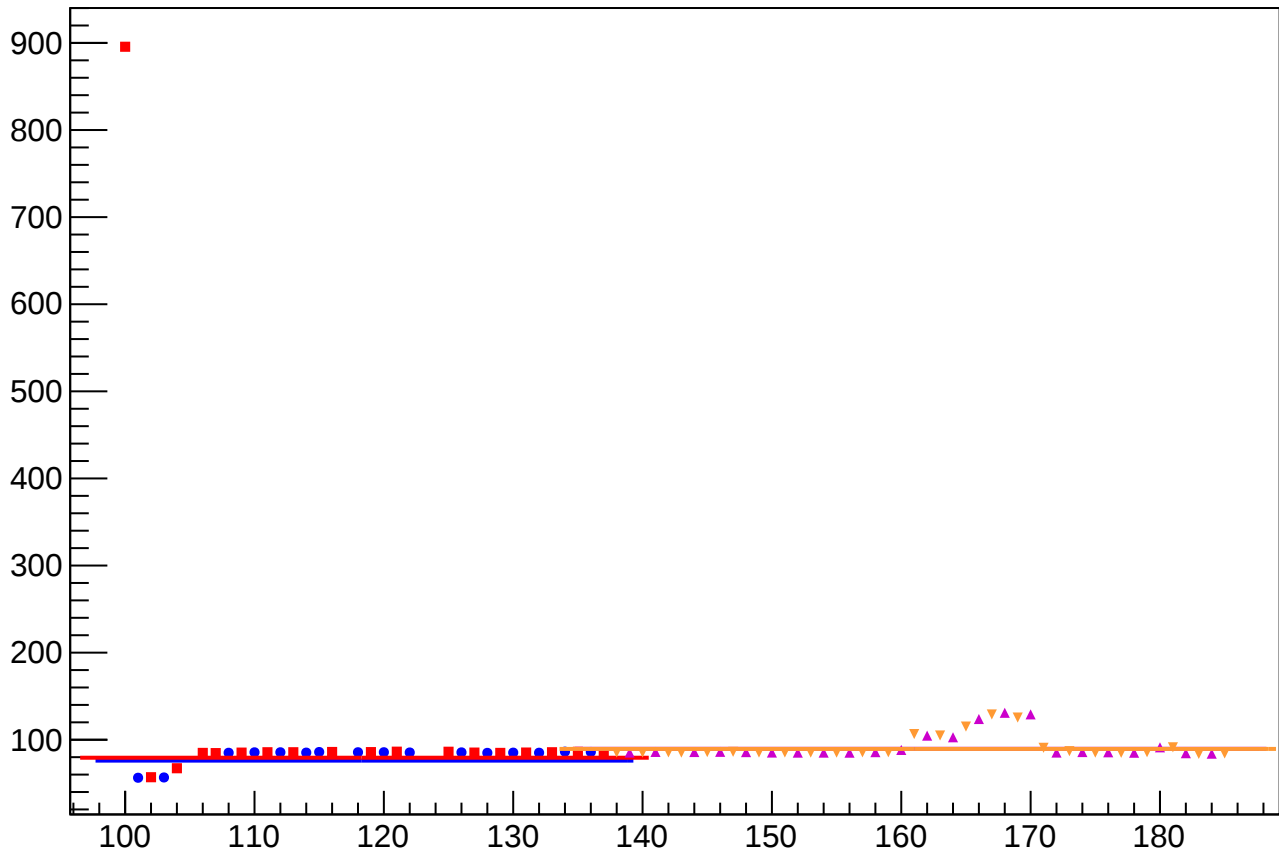
Left In: 22.931 ± 21.584 χ^2/NDF : 22.5/22

+ sign -2.268 ± 17.189 χ^2/NDF : 38.7/40

All: 1.119 ± 12.303 χ^2/NDF : 80.2/81

- sign 4.676 ± 17.617 χ^2/NDF : 41.4/40

reg_asym_ds_avg_rms vs Slug



Right In: 76.053 $\pm$ 0.021 χ^2 /NDF: 408670.6/15

Left Out: 89.485 $\pm$ 0.015 χ^2 /NDF: 470271.3/24

Right Out: 79.371 $\pm$ 0.022 χ^2 /NDF: 378257.4/17

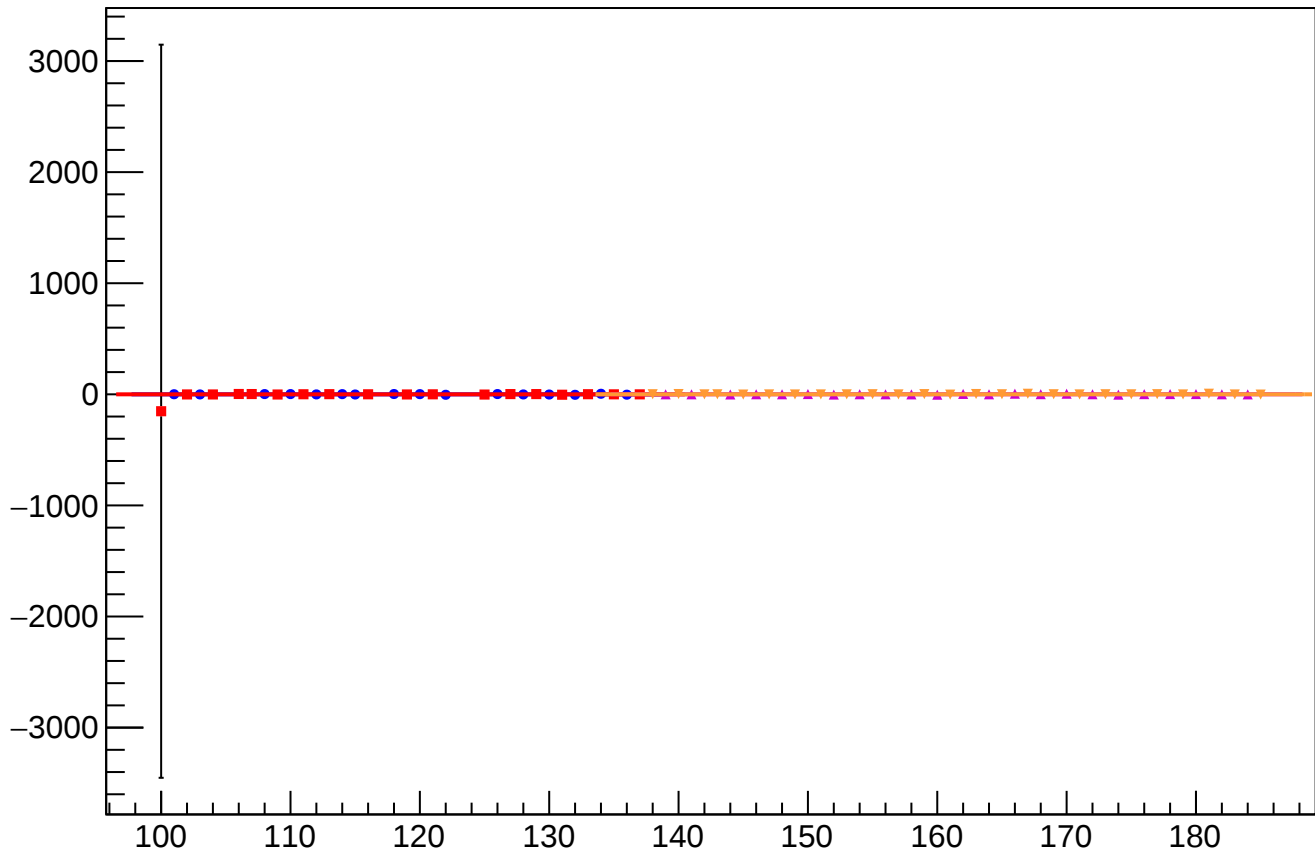
Left In: 89.596 $\pm$ 0.015 χ^2 /NDF: 508511.1/22

+ sign 85.085 $\pm$ 0.012 χ^2 /NDF: 1147947.6/40

All: 85.620 $\pm$ 0.009 χ^2 /NDF: 2188508.8/81

- sign 86.182 $\pm$ 0.012 χ^2 /NDF: 1036586.2/40

asym_ds_avg_correction_mean vs Slug



Right In: -0.290 ± 0.502 χ^2/NDF : 20.9/15

Left Out: 0.130 ± 0.367 χ^2/NDF : 21.4/24

Right Out: -0.038 ± 0.525 χ^2/NDF : 9.9/17

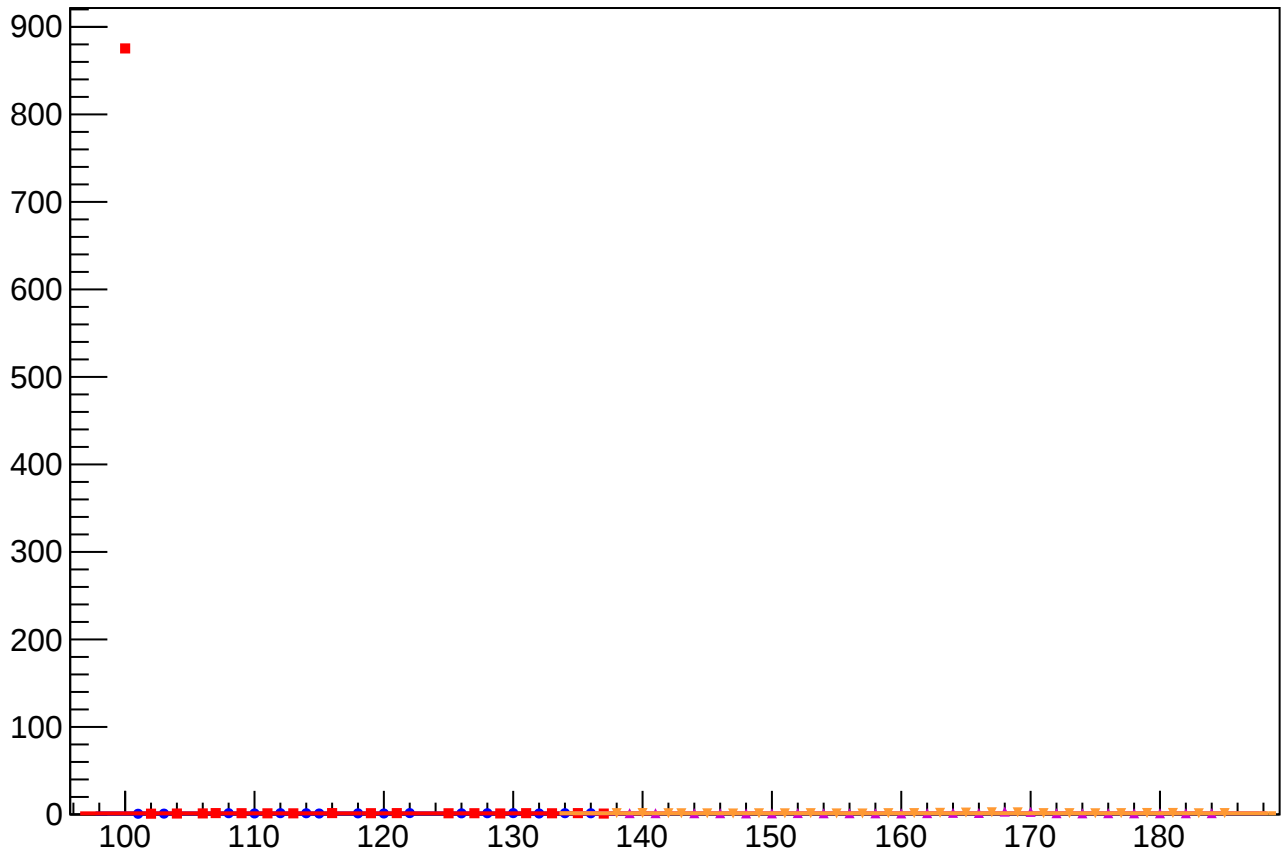
Left In: 0.519 ± 0.387 χ^2/NDF : 26.3/22

+ sign -0.016 ± 0.296 χ^2/NDF : 42.8/40

All: 0.145 ± 0.215 χ^2/NDF : 80.4/81

- sign 0.323 ± 0.312 χ^2/NDF : 37.0/40

asym_ds_avg_correction_rms vs Slug



Right In: 1.152 $\pm$ 0.000 χ^2 /NDF: 506239.7/15

Left Out: 1.404 $\pm$ 0.000 χ^2 /NDF:992794.9/24

Right Out: 1.259 $\pm$ 0.000 χ^2 /NDF: 489381.1/17

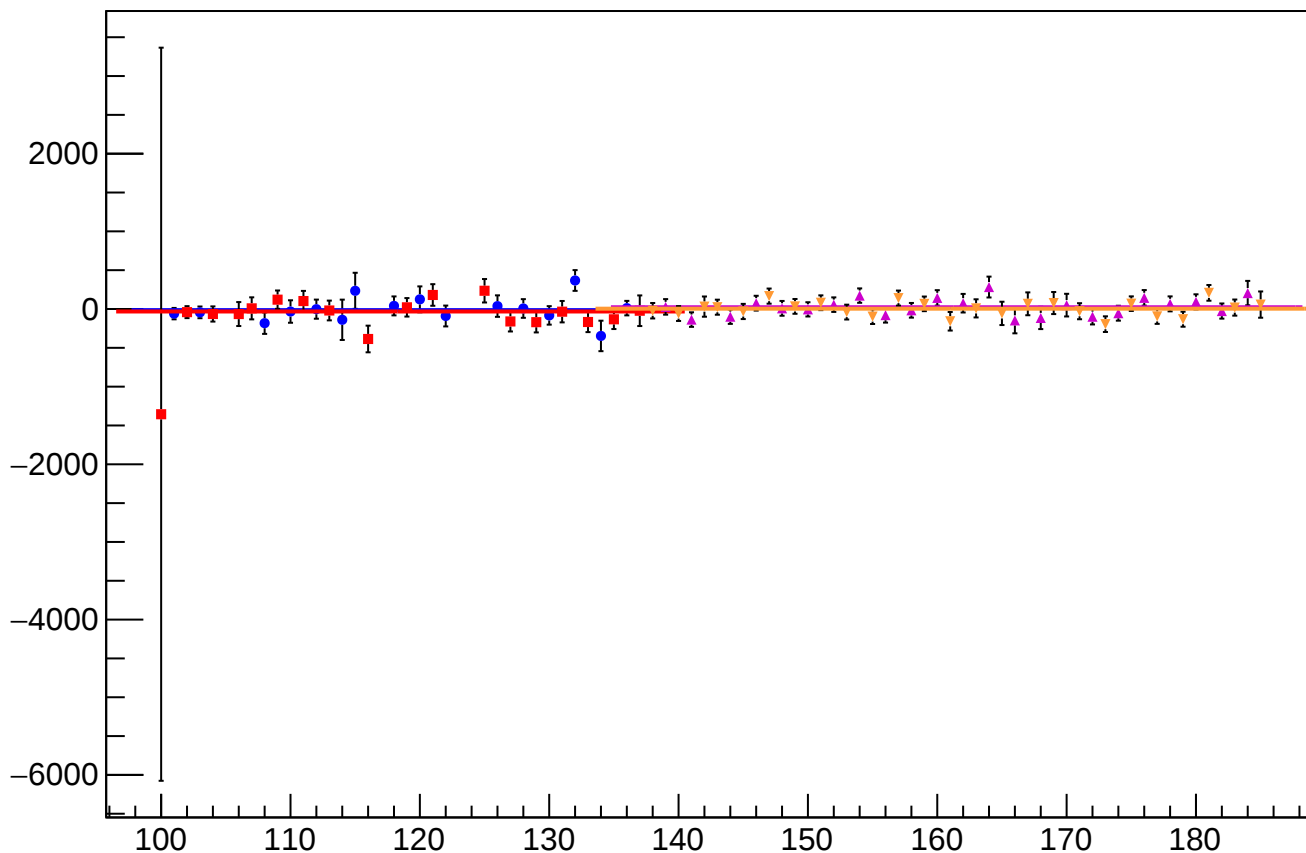
Left In: 1.453 $\pm$ 0.000 χ^2 /NDF:995852.2/22

+ sign 1.316 $\pm$ 0.000 χ^2 /NDF: 1827557.0/40

All: 1.349 $\pm$ 0.000 χ^2 /NDF: 3541086.2/81

- sign 1.385 $\pm$ 0.000 χ^2 /NDF: 1662441.7/40

asym_ds_avg_mean vs Slug



Right In: -14.487 ± 30.040 χ^2/NDF : 16.2/15

Left Out: 4.080 ± 20.969 χ^2/NDF : 22.1/24

Right Out: -32.033 ± 30.500 χ^2/NDF : 16.8/17

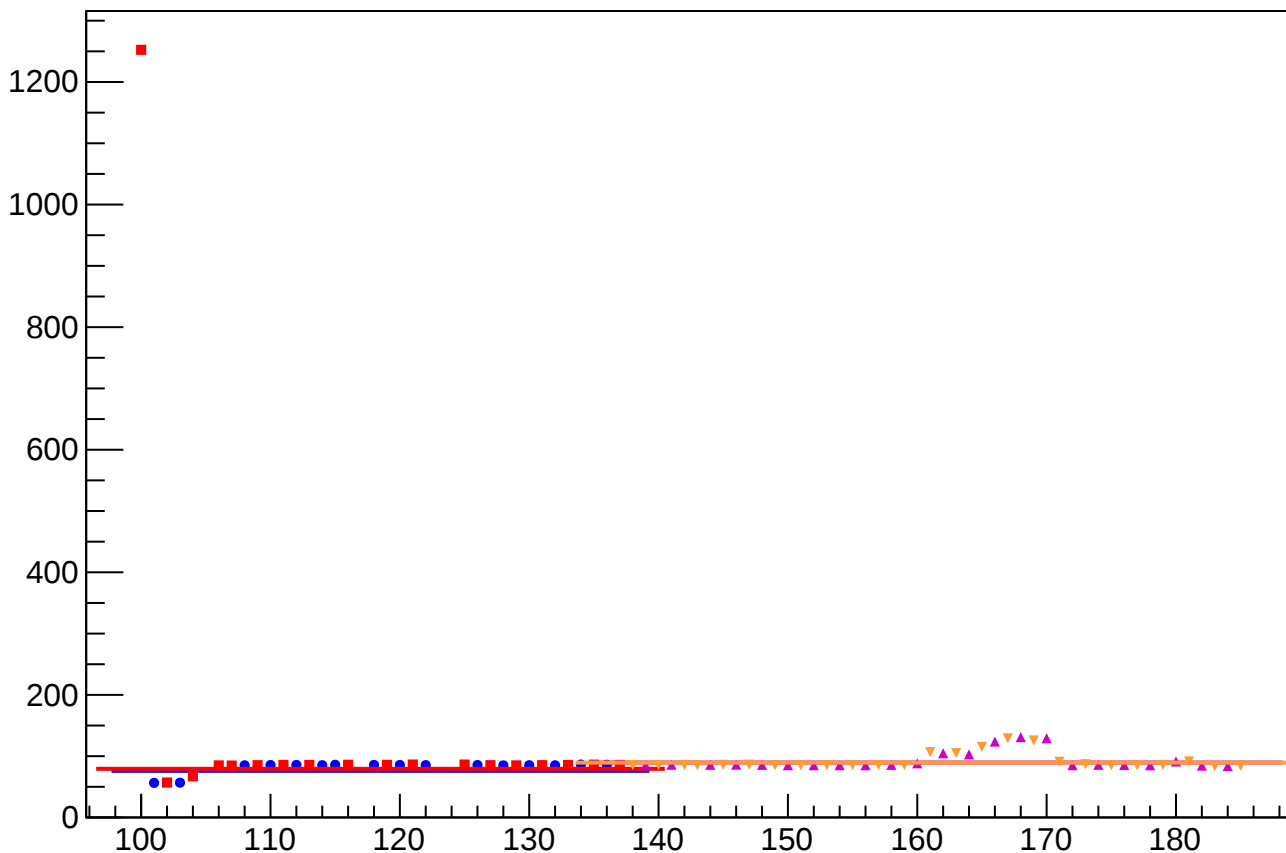
Left In: 22.446 ± 21.591 χ^2/NDF : 22.3/22

+ sign -2.003 ± 17.194 χ^2/NDF : 38.6/40

All: 1.051 ± 12.307 χ^2/NDF : 79.9/81

- sign 4.259 ± 17.623 χ^2/NDF : 41.2/40

asym_ds_avg_rms vs Slug



Right In: 76.073+/-0.021 χ^2/NDF : 408699.5/15

Left Out: 89.512+/-0.015 χ^2/NDF : 471022.5/24

Right Out: 79.374+/-0.022 χ^2/NDF : 384780.1/17

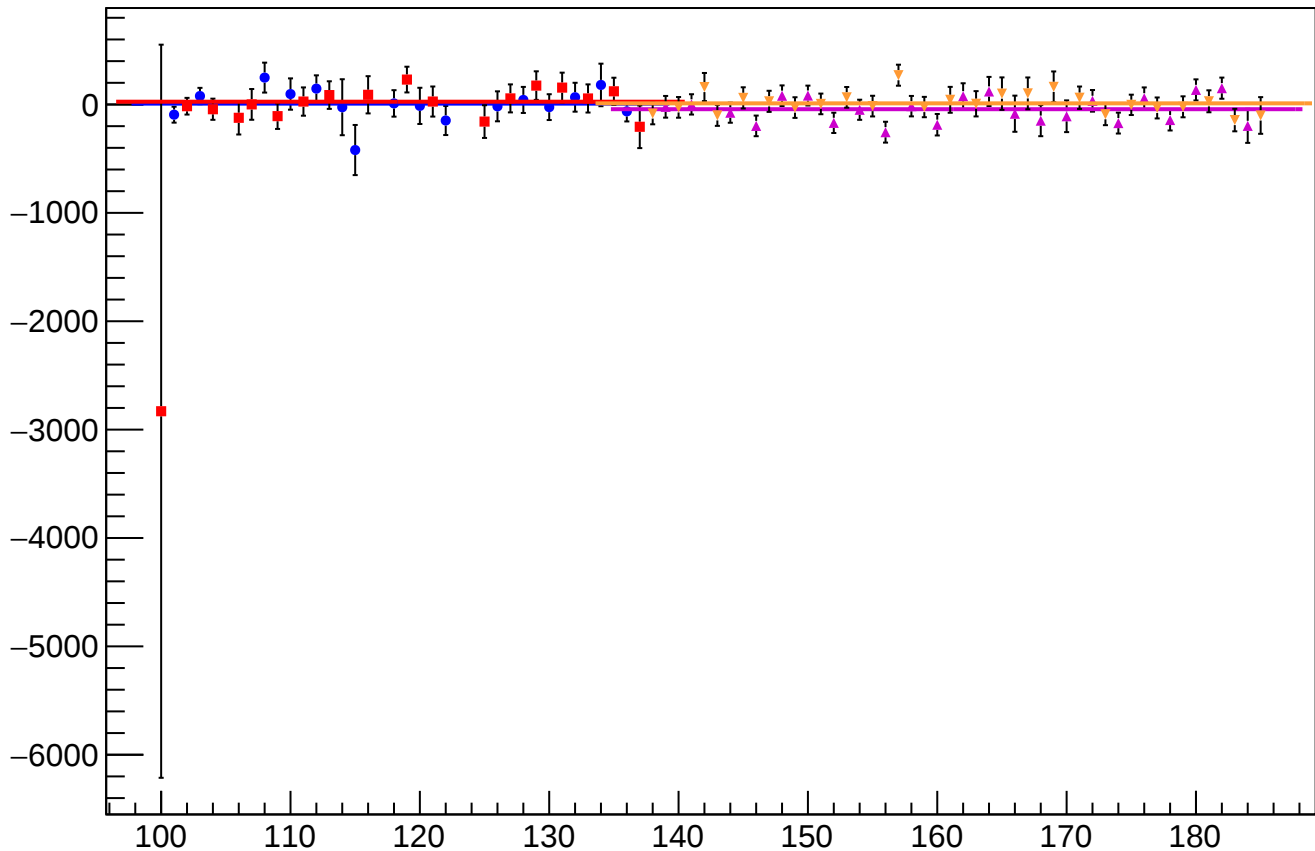
Left In: 89.622+/-0.015 χ^2/NDF : 509391.8/22

+ sign 85.109+/-0.012 χ^2/NDF : 1148846.5/40

All: 85.642+/-0.009 χ^2/NDF : 2197366.0/81

- sign 86.201+/-0.012 χ^2/NDF : 1044585.0/40

reg_asym_ds_dd_mean vs Slug



Right In: 8.113 ± 30.012 χ^2/NDF : 14.0/15

Left Out: 10.499 ± 20.968 χ^2/NDF : 18.1/24

Right Out: 25.774 ± 30.473 χ^2/NDF : 12.8/17

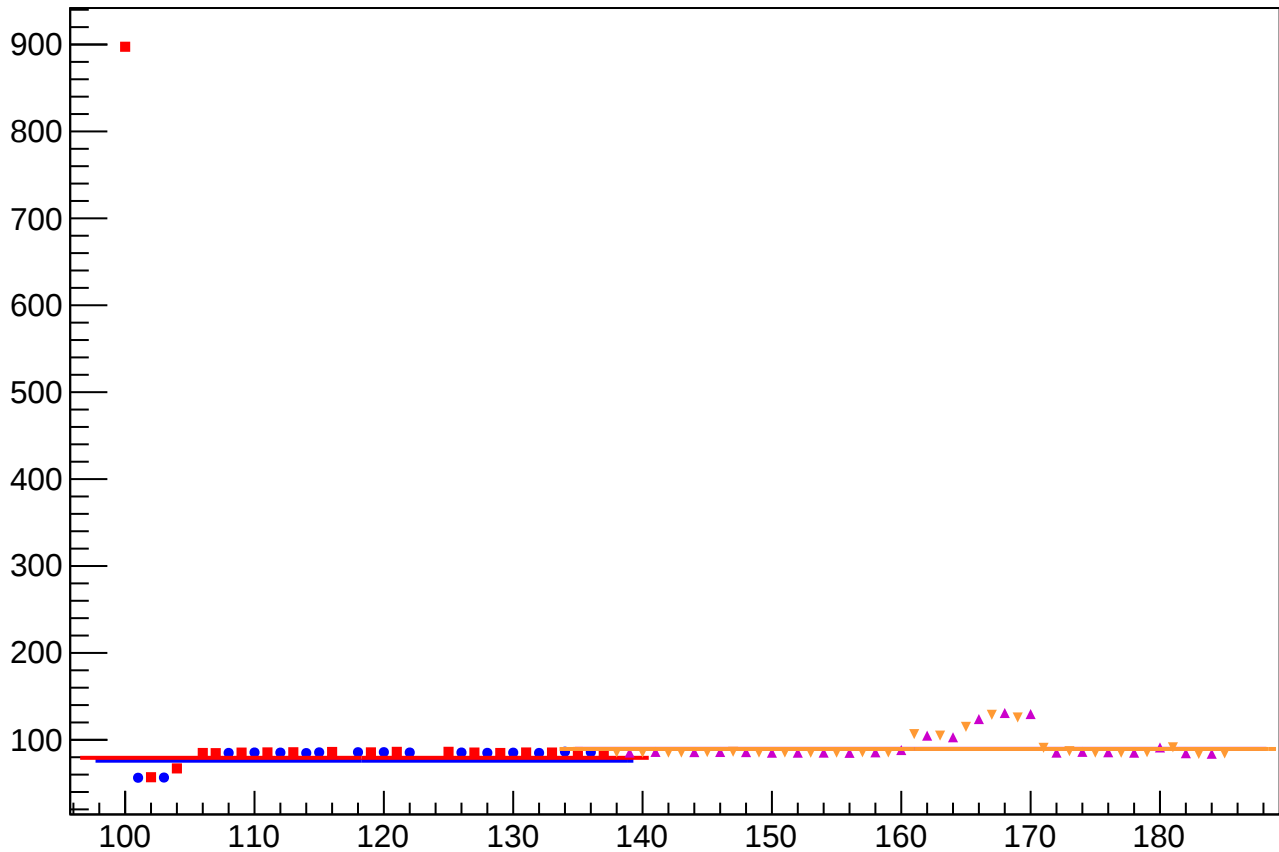
Left In: -43.424 ± 21.593 χ^2/NDF : 31.4/22

+ sign 9.717 ± 17.188 χ^2/NDF : 32.1/40

All: -4.917 ± 12.303 χ^2/NDF : 81.3/81

- sign -20.292 ± 17.618 χ^2/NDF : 47.7/40

reg_asym_ds_dd_rms vs Slug



Right In: 76.004 $\pm$ 0.021 χ^2 /NDF: 408328.4/15

Left Out: 89.510 $\pm$ 0.015 χ^2 /NDF: 468914.2/24

Right Out: 79.322 $\pm$ 0.022 χ^2 /NDF: 378093.1/17

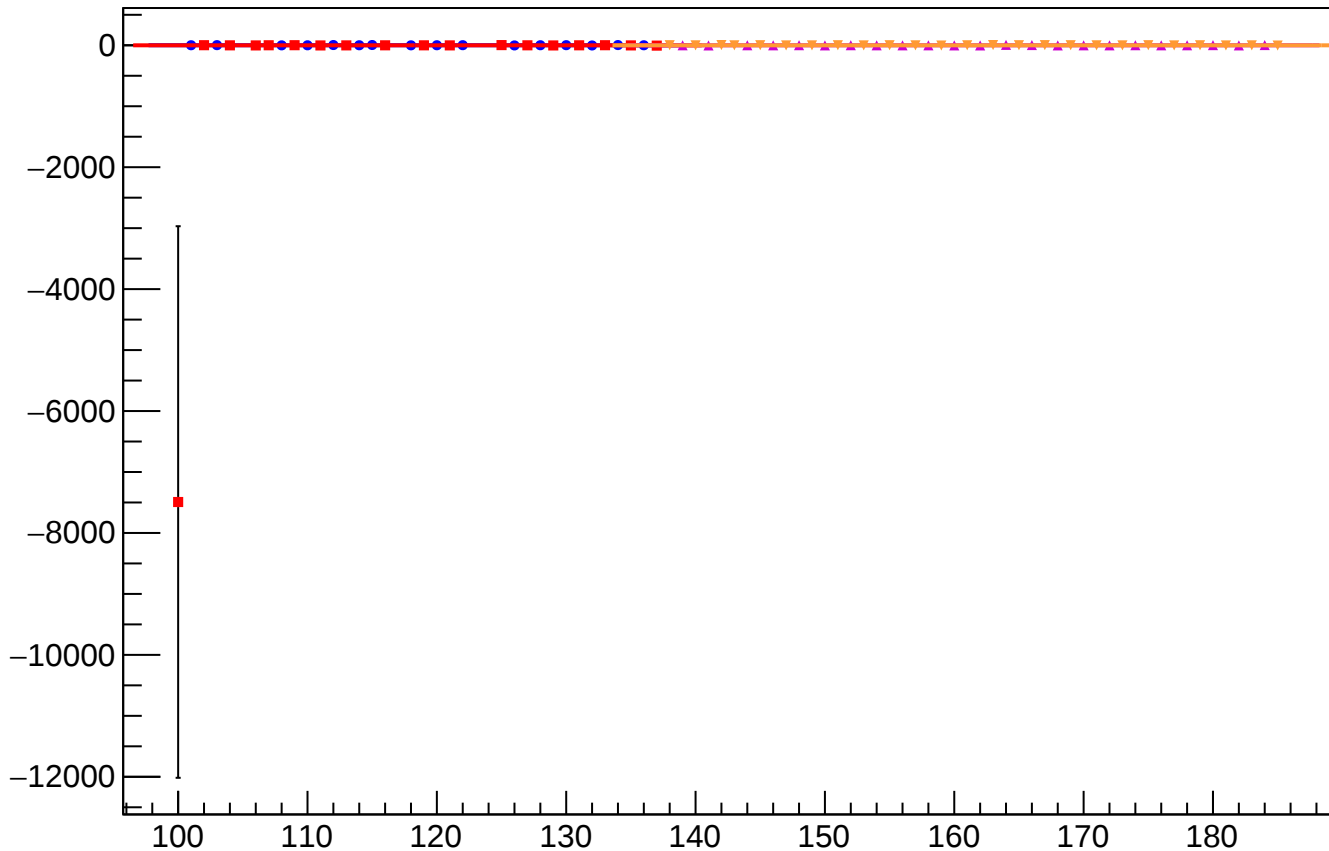
Left In: 89.628 $\pm$ 0.015 χ^2 /NDF: 511042.3/22

+ sign 85.080 $\pm$ 0.012 χ^2 /NDF: 1149401.0/40

All: 85.618 $\pm$ 0.009 χ^2 /NDF: 2194828.0/81

- sign 86.183 $\pm$ 0.012 χ^2 /NDF: 1041410.0/40

asym_ds_dd_correction_mean vs Slug



Right In: 0.892 ± 0.531 χ^2/NDF : 11.9/15

Left Out: -0.517 ± 0.382 χ^2/NDF : 20.7/24

Right Out: -0.347 ± 0.549 χ^2/NDF : 13.4/17

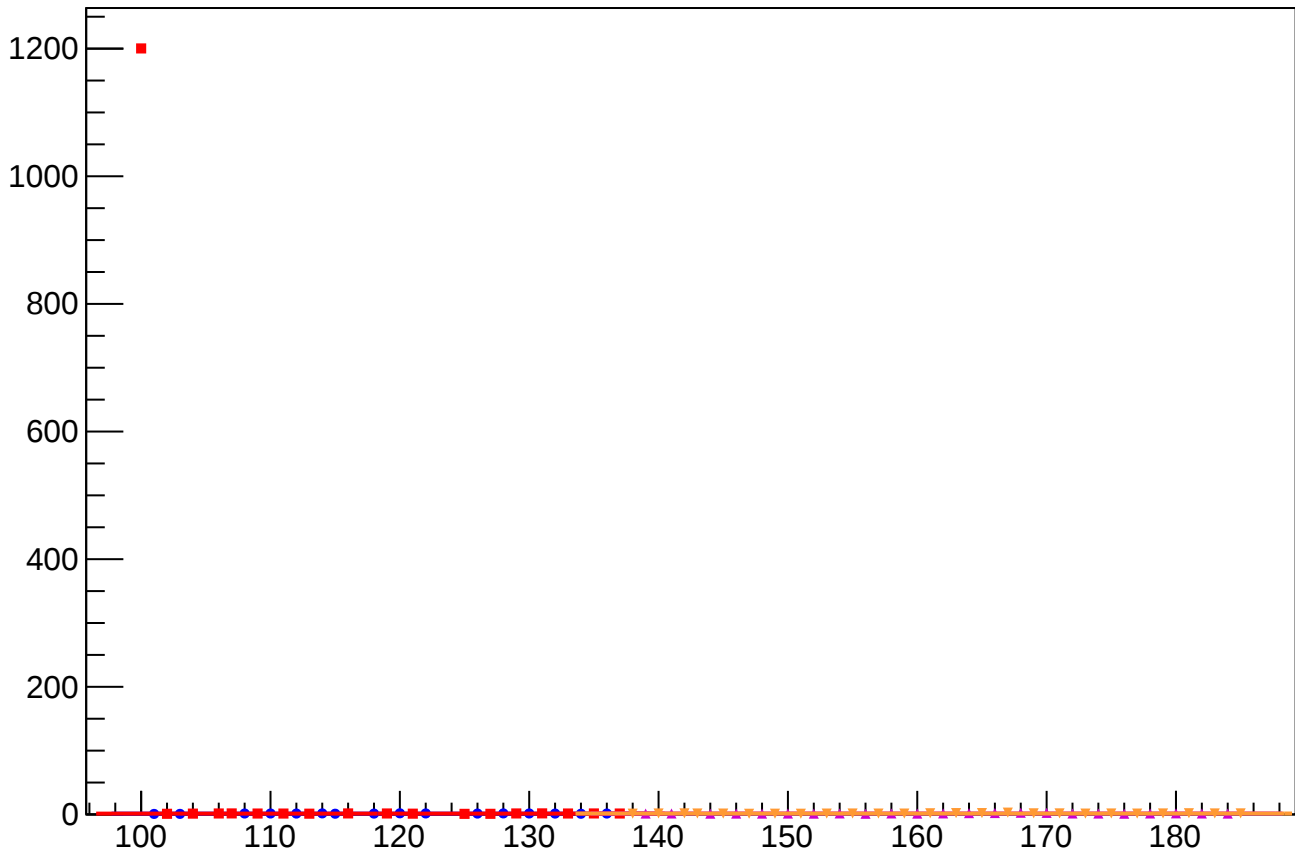
Left In: 0.072 ± 0.390 χ^2/NDF : 20.4/22

+ sign -0.036 ± 0.310 χ^2/NDF : 37.3/40

All: -0.052 ± 0.222 χ^2/NDF : 71.5/81

- sign -0.069 ± 0.318 χ^2/NDF : 34.2/40

asym_ds_dd_correction_rms vs Slug



Right In: 1.233+/-0.000 χ^2/NDF : 625758.9/15

Left Out: 1.472+/-0.000 χ^2/NDF : 1155660.6/24

Right Out: 1.315+/-0.000 χ^2/NDF : 517133.0/17

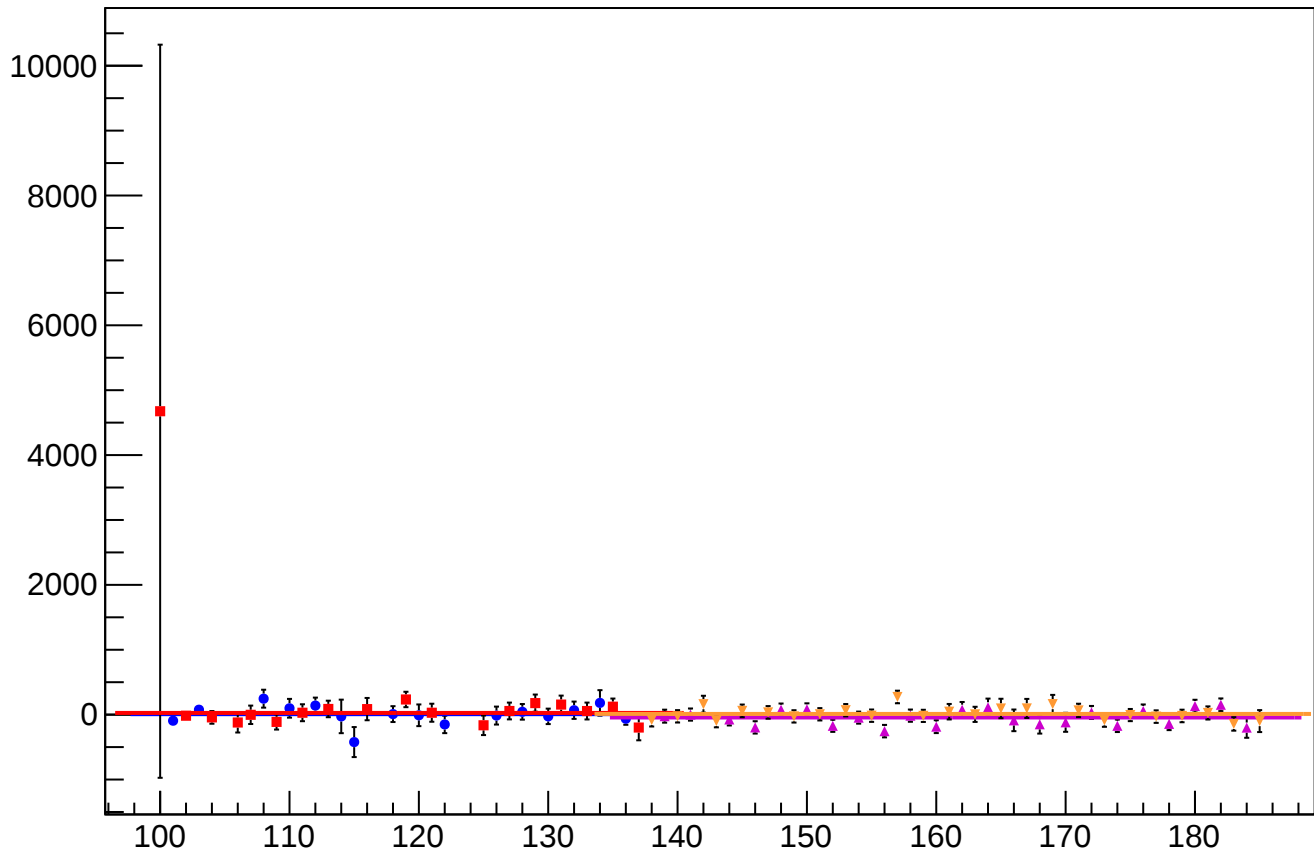
Left In: 1.461+/-0.000 χ^2/NDF : 1048537.6/22

+ sign 1.391+/-0.000 χ^2/NDF : 2048372.5/40

All: 1.401+/-0.000 χ^2/NDF : 3712403.2/81

- sign 1.412+/-0.000 χ^2/NDF : 1659368.9/40

asym_ds_dd_mean vs Slug



Right In: 7.406 ± 30.020 χ^2/NDF : 13.9/15

Left Out: 11.043 ± 20.974 χ^2/NDF : 17.9/24

Right Out: 26.384 ± 30.482 χ^2/NDF : 13.0/17

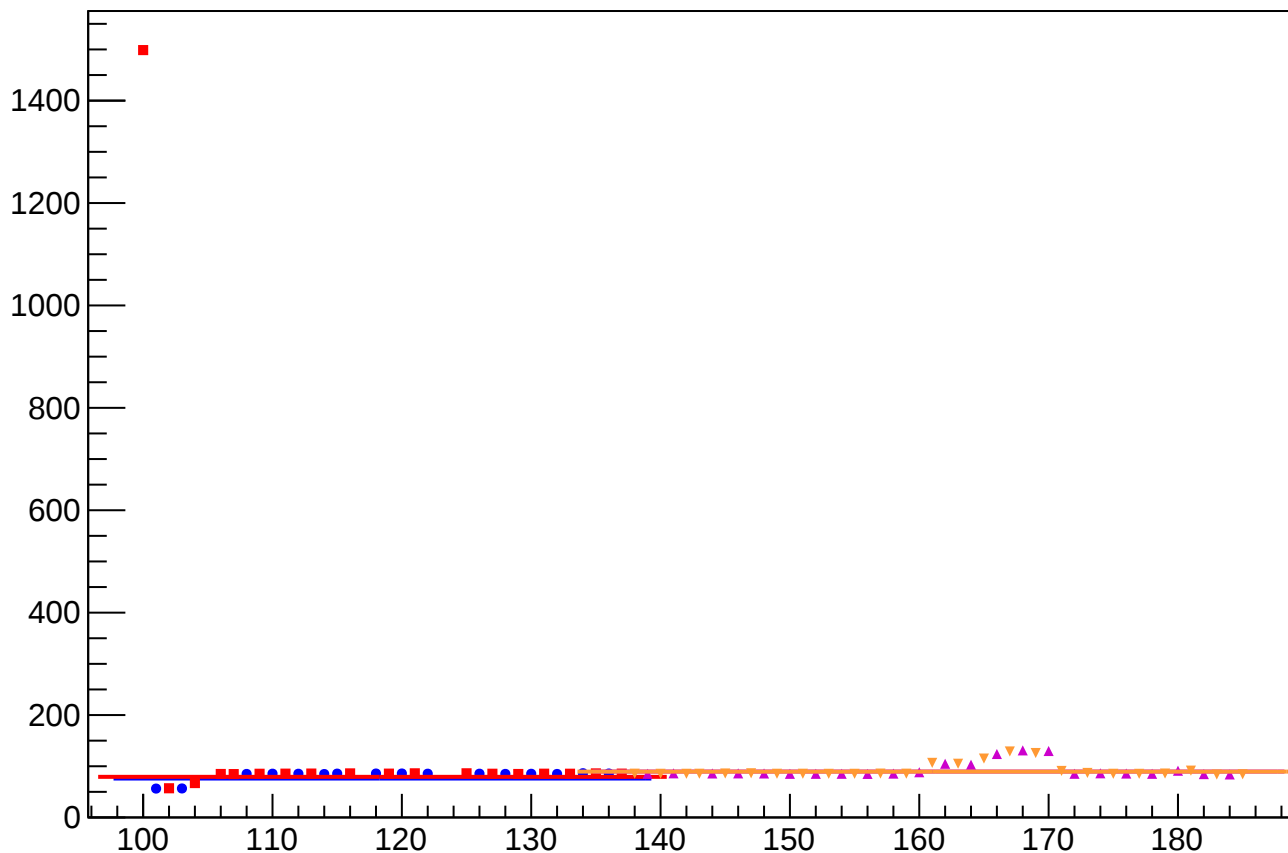
Left In: -43.905 ± 21.600 χ^2/NDF : 31.1/22

+ sign 9.850 ± 17.194 χ^2/NDF : 31.9/40

All: -4.906 ± 12.307 χ^2/NDF : 81.0/81

- sign -20.408 ± 17.624 χ^2/NDF : 47.6/40

asym_ds_dd_rms vs Slug



Right In: 76.025 $\pm$ 0.021 χ^2 /NDF: 408370.9/15

Left Out: 89.537 $\pm$ 0.015 χ^2 /NDF: 469668.7/24

Right Out: 79.319 $\pm$ 0.022 χ^2 /NDF: 387351.7/17

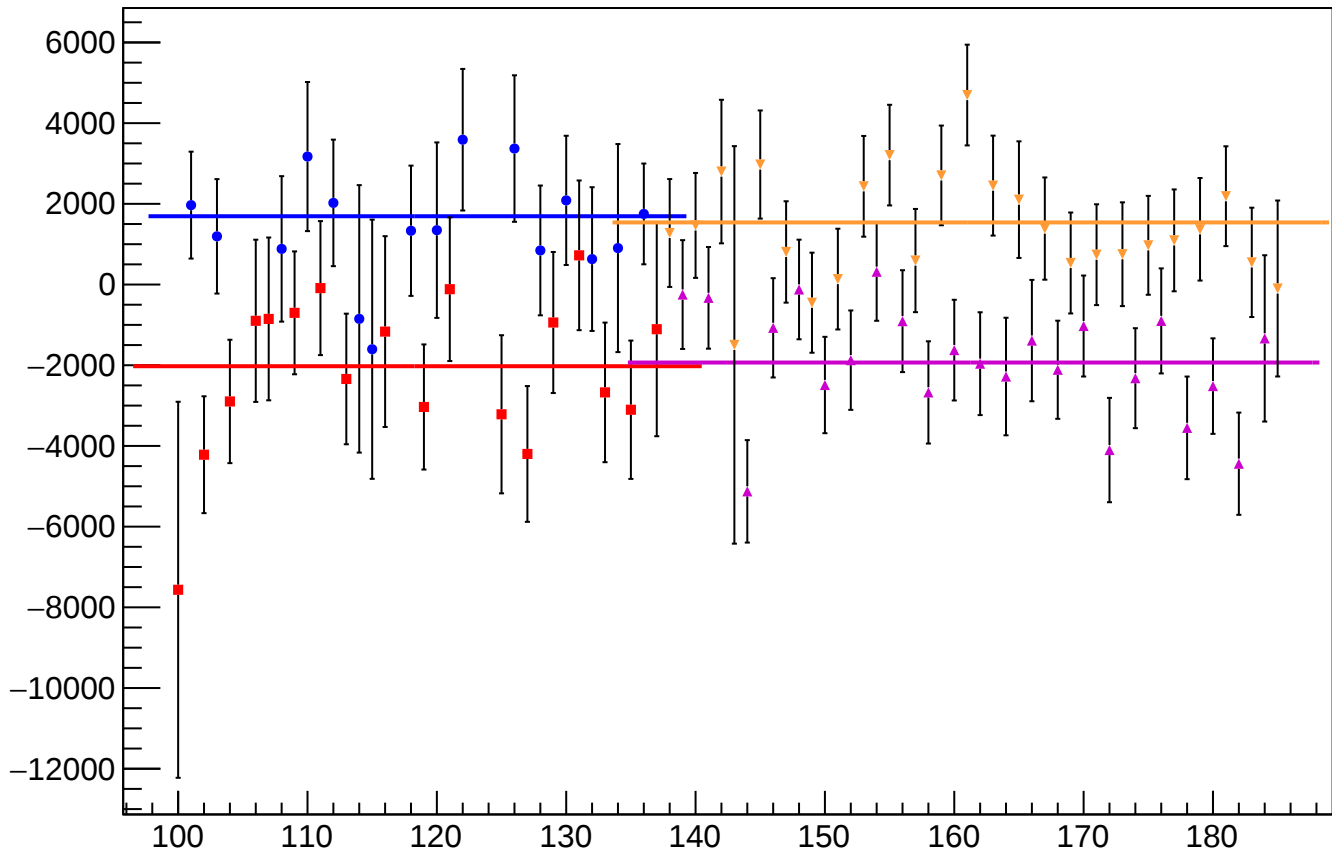
Left In: 89.655 $\pm$ 0.015 χ^2 /NDF: 511848.9/22

+ sign 85.105 $\pm$ 0.012 χ^2 /NDF: 1150316.2/40

All: 85.639 $\pm$ 0.009 χ^2 /NDF: 2206547.2/81

- sign 86.200 $\pm$ 0.012 χ^2 /NDF: 1052275.5/40

reg_asym_usl_mean vs Slug



Right In: 1692.799 $\pm$ 431.563 χ^2 /NDF: 5.6/15

Left Out: 1539.476 $\pm$ 265.918 χ^2 /NDF:20.3/24

Right Out: -2024.185 $\pm$ 423.428 χ^2 /NDF: 13.8/17

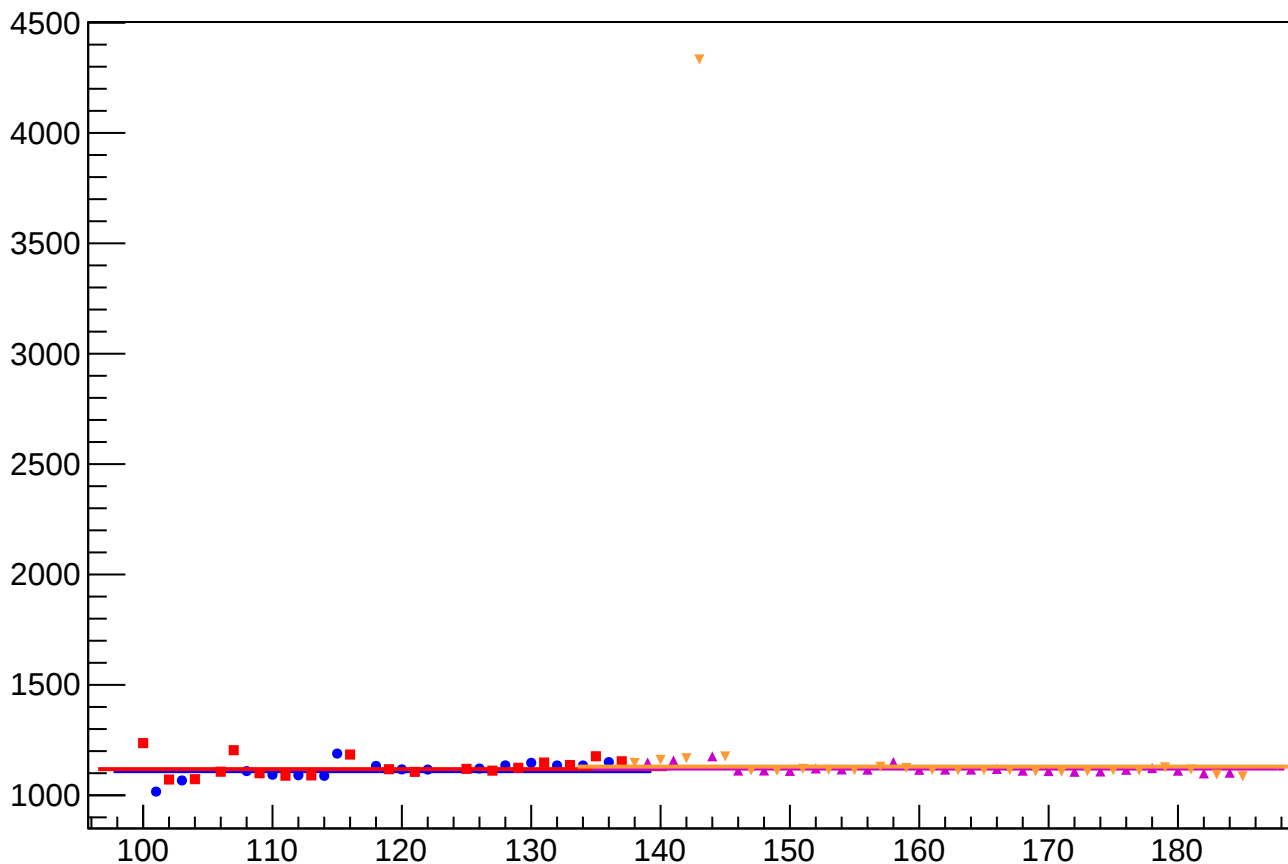
Left In: -1933.000 $\pm$ 268.006 χ^2 /NDF:27.0/22

+ sign 1581.669 $\pm$ 226.391 χ^2 /NDF: 25.9/40

All: -188.194 $\pm$ 160.106 χ^2 /NDF: 189.0/81

- sign -1959.081 $\pm$ 226.457 χ^2 /NDF: 40.8/40

reg_asym_usl_rms vs Slug



Right In: 1109.203+/-0.305 χ^2/NDF : 18241.7/15

Left Out: 1129.909+/-0.188 χ^2/NDF : 858253.4/24

Right Out: 1118.351+/-0.299 χ^2/NDF : 15519.6/17

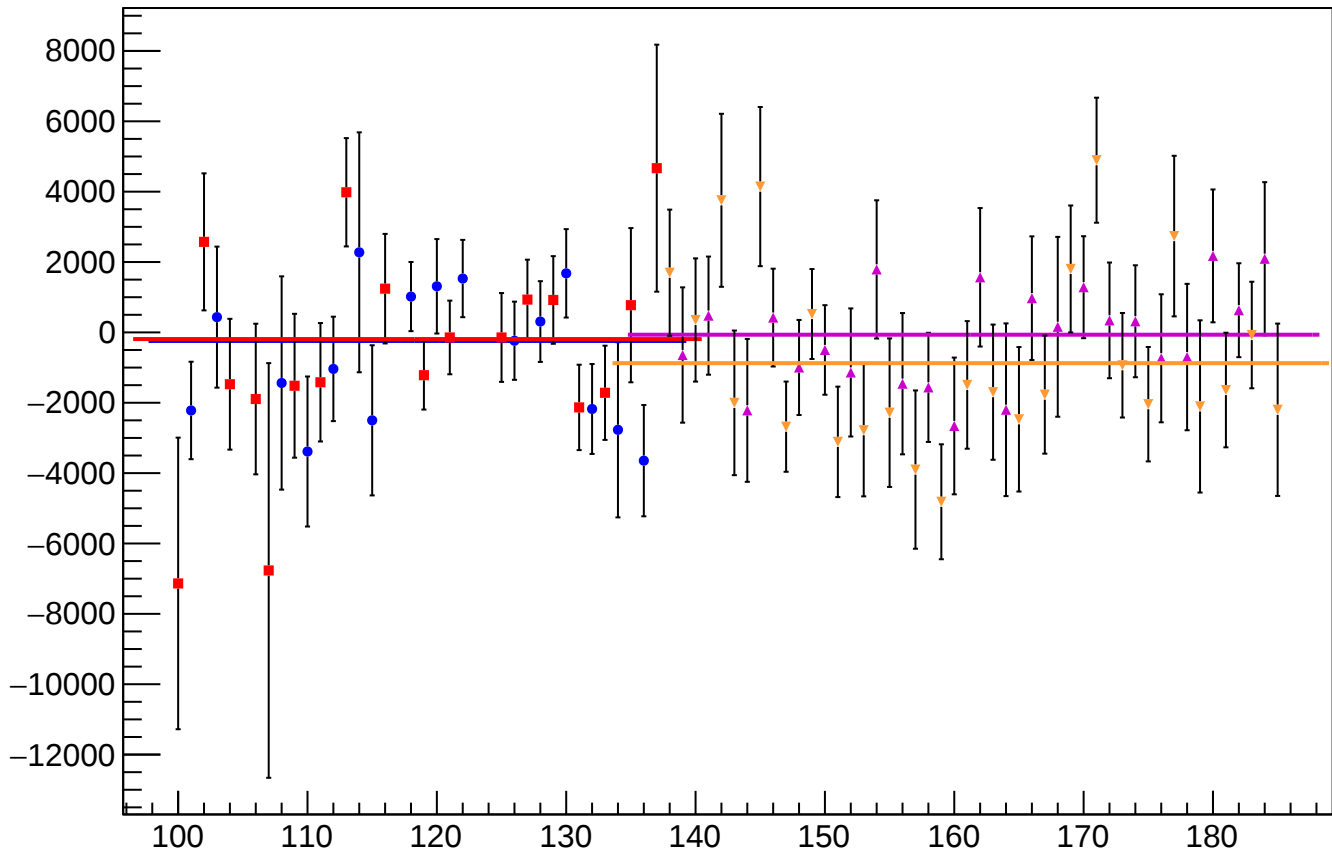
Left In: 1120.991+/-0.190 χ^2/NDF : 9641.8/22

+ sign 1124.211+/-0.160 χ^2/NDF : 879832.2/40

All: 1122.224+/-0.113 χ^2/NDF : 905357.3/81

- sign 1120.236+/-0.160 χ^2/NDF : 25216.9/40

asym_usl_correction_mean vs Slug



Right In: -242.985+/-361.487 χ^2/NDF : 22.5/15

Left Out: -874.089+/-355.747 χ^2/NDF : 43.6/24

Right Out: -189.815+/-357.555 χ^2/NDF : 25.2/17

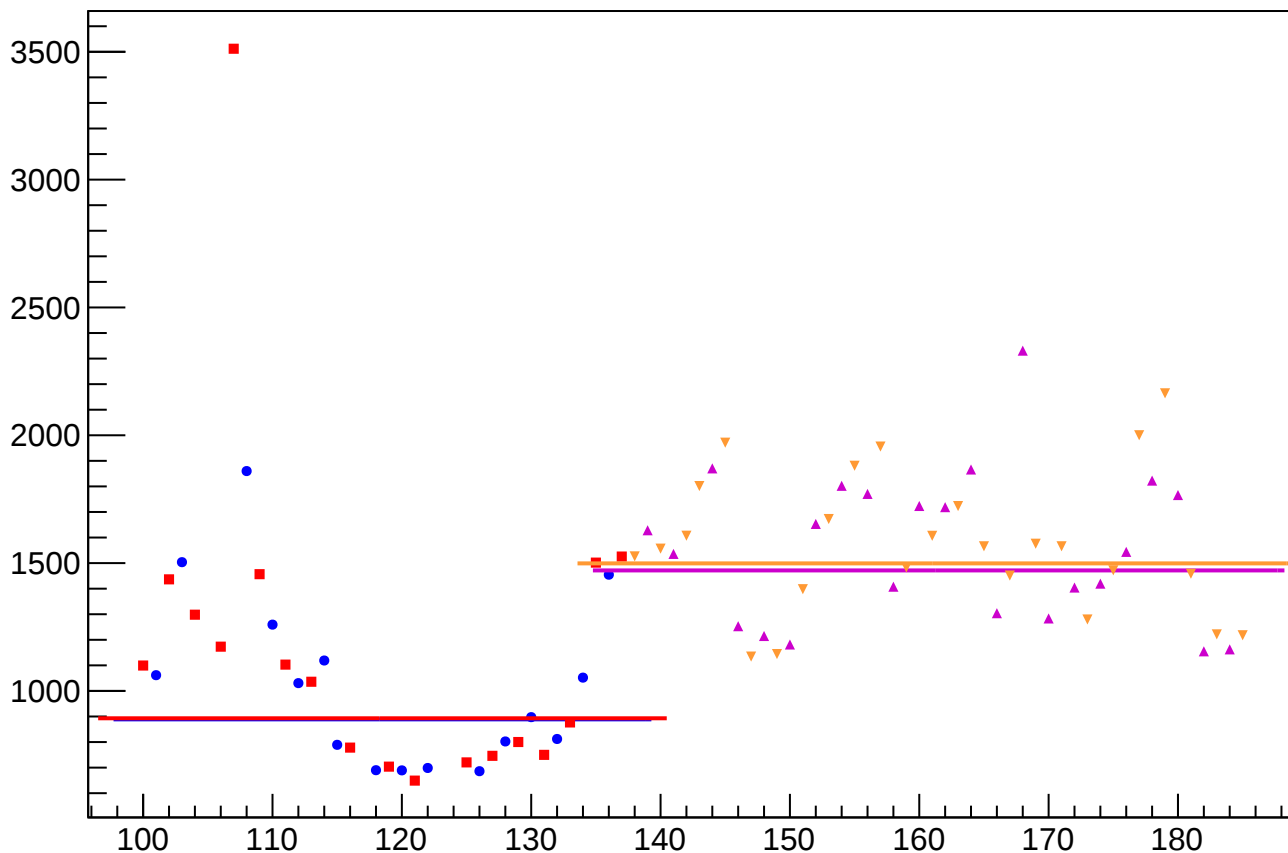
Left In: -65.738+/-358.785 χ^2/NDF : 12.1/22

+ sign -563.587+/-253.556 χ^2/NDF : 67.7/40

All: -345.537+/-179.188 χ^2/NDF : 106.6/81

- sign -127.990+/-253.264 χ^2/NDF : 37.4/40

asym_usl_correction_rms vs Slug



Right In: 888.808+/-0.256 χ^2/NDF : 1052628.4/15

Left Out: 1498.889+/-0.252 χ^2/NDF : 1053931.5/24

Right Out: 892.975+/-0.253 χ^2/NDF : 1409163.7/17

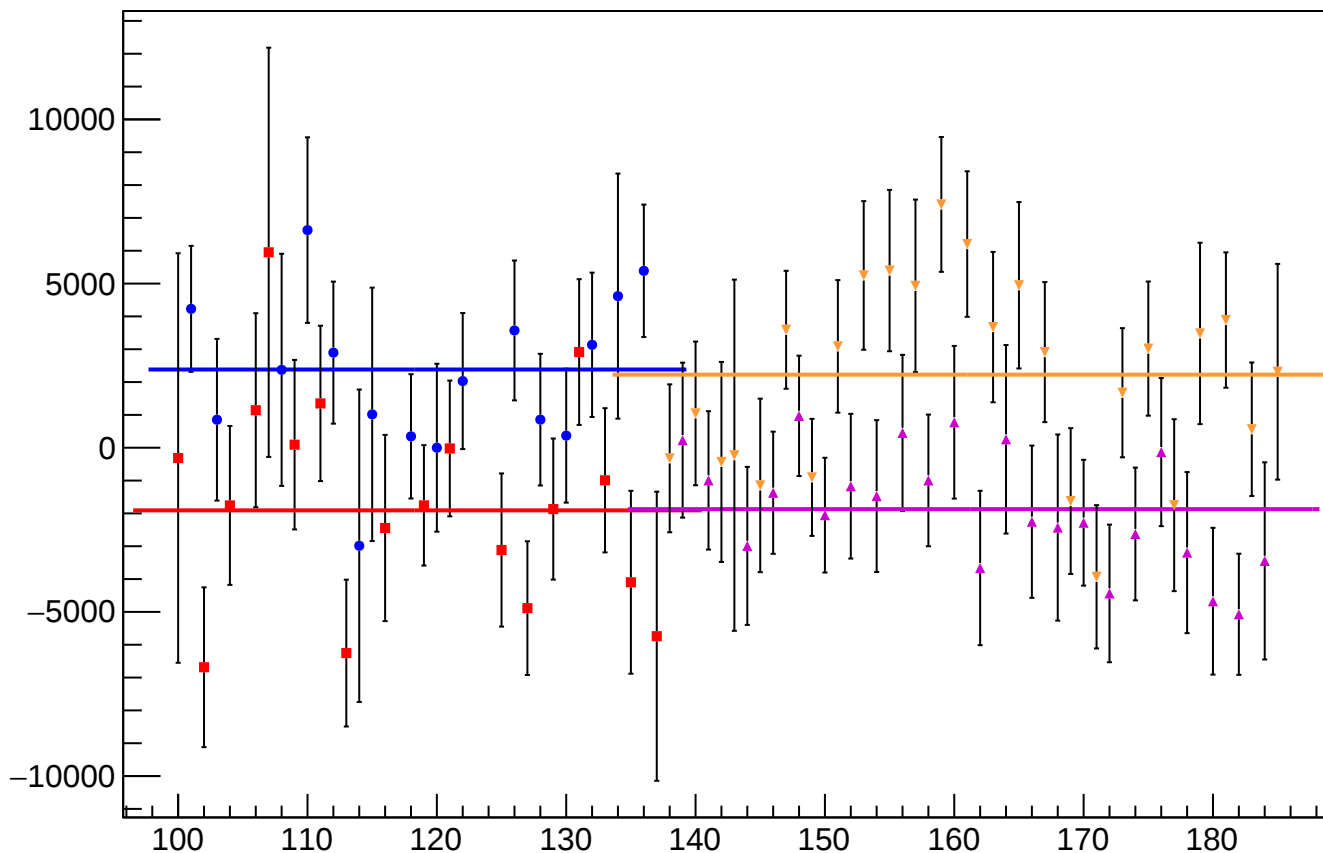
Left In: 1471.394+/-0.254 χ^2/NDF : 1105310.5/22

+ sign 1198.730+/-0.179 χ^2/NDF : 5000473.7/40

All: 1189.950+/-0.127 χ^2/NDF : 10127719.1/8

- sign 1181.191+/-0.179 χ^2/NDF : 5122455.0/40

asym_usl_mean vs Slug



Right In: 2382.736 $\pm$ 590.698 χ^2/NDF : 11.6/15

Left Out: 2225.767 $\pm$ 454.891 χ^2/NDF : 38.8/24

Right Out: -1906.871 $\pm$ 584.955 χ^2/NDF : 22.4/17

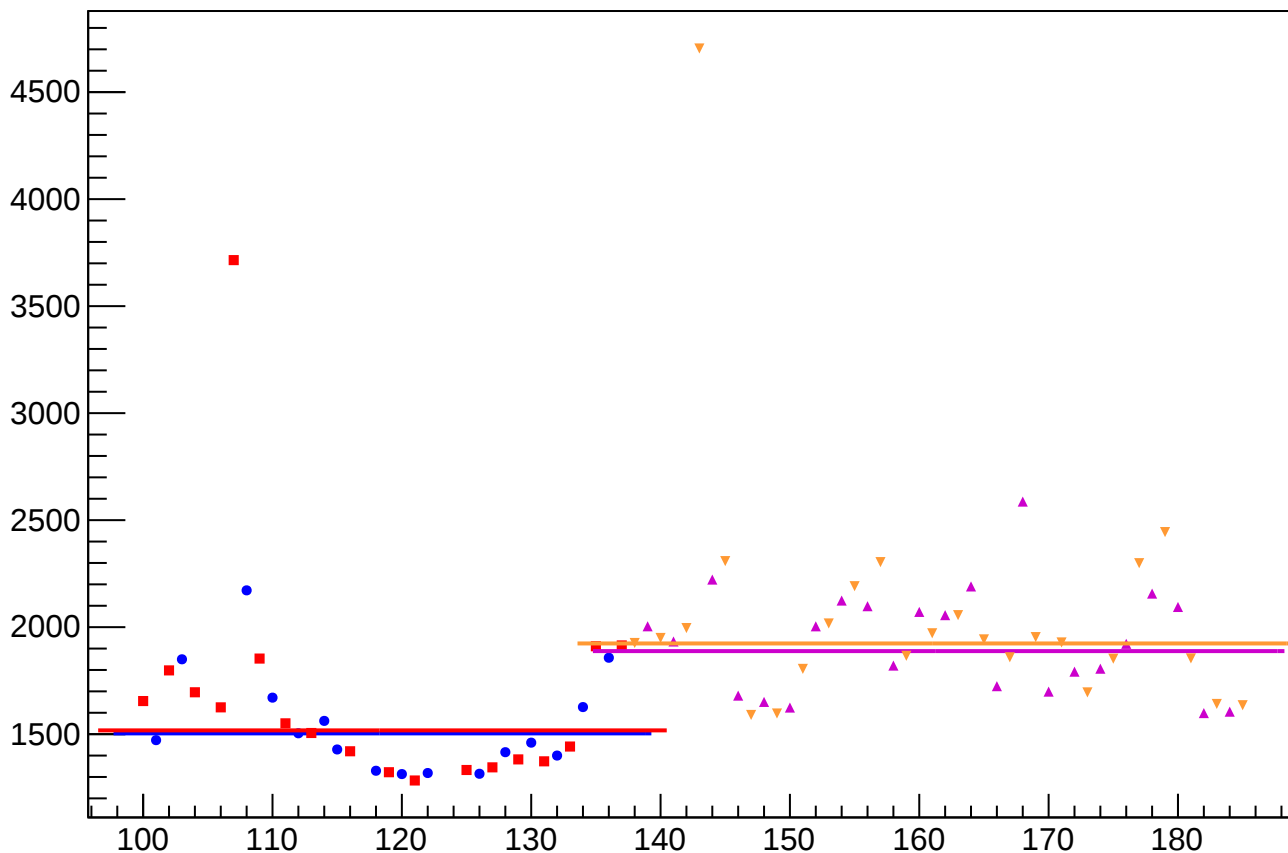
Left In: -1869.792 $\pm$ 455.465 χ^2/NDF : 14.9/22

+ sign 2284.202 $\pm$ 360.408 χ^2/NDF : 50.5/40

All: 194.217 $\pm$ 254.480 χ^2/NDF : 154.8/81

- sign -1883.787 $\pm$ 359.373 χ^2/NDF : 37.3/40

asym_usl_rms vs Slug



Right In: 1503.676+/-0.418 χ^2/NDF : 252138.4/15

Left Out: 1923.885+/-0.322 χ^2/NDF : 1006107.9/24

Right Out: 1517.693+/-0.414 χ^2/NDF : 476469.5/17

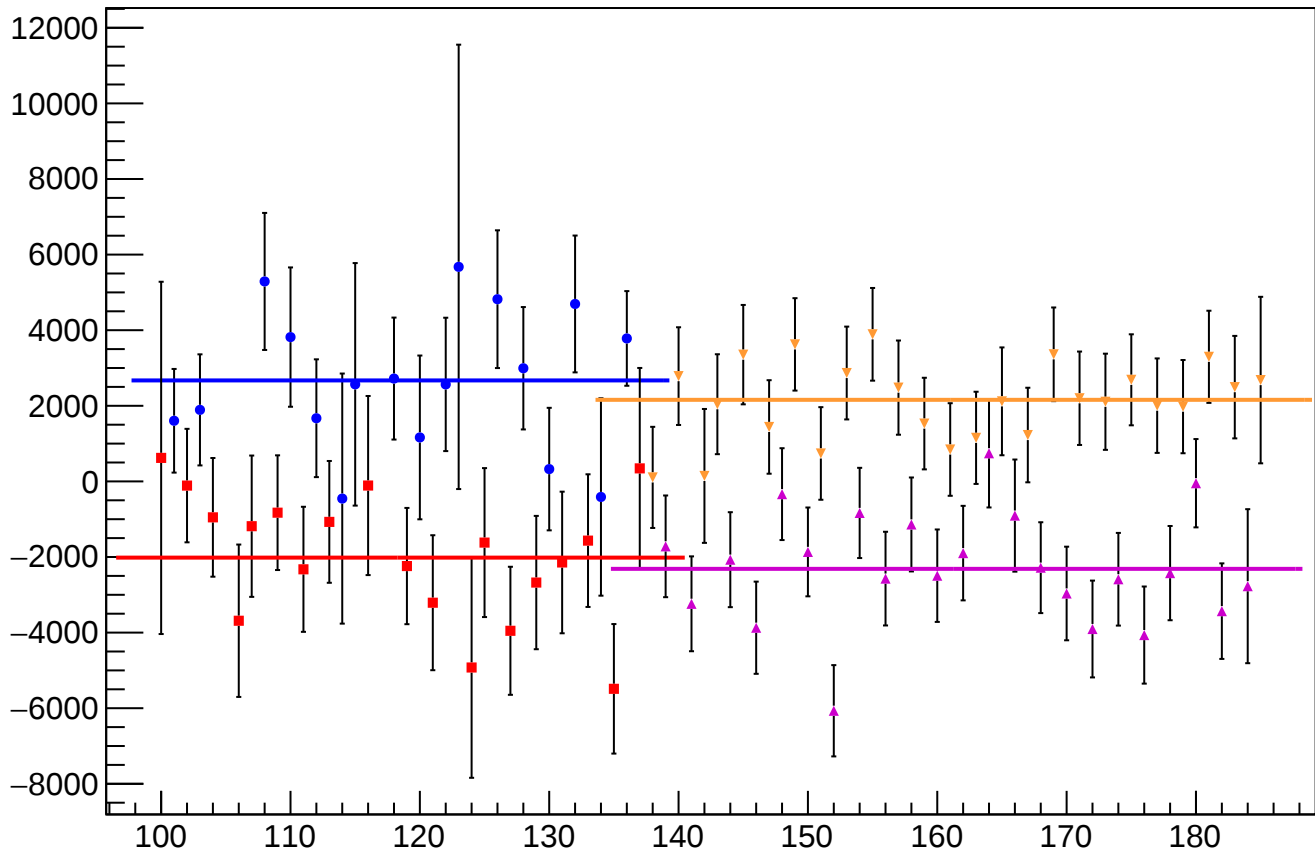
Left In: 1888.121+/-0.322 χ^2/NDF : 504568.6/22

+ sign 1767.454+/-0.255 χ^2/NDF : 1893580.6/40

All: 1757.853+/-0.180 χ^2/NDF : 3376763.5/83

- sign 1748.307+/-0.254 χ^2/NDF : 1480352.5/40

reg_asym_usr_mean vs Slug



Right In: 2671.295 $\pm$ 434.567 χ^2 /NDF: 12.4/16

Left Out: 2158.014 $\pm$ 257.550 χ^2 /NDF:15.1/24

Right Out: -2016.229 $\pm$ 420.147 χ^2 /NDF: 12.8/18

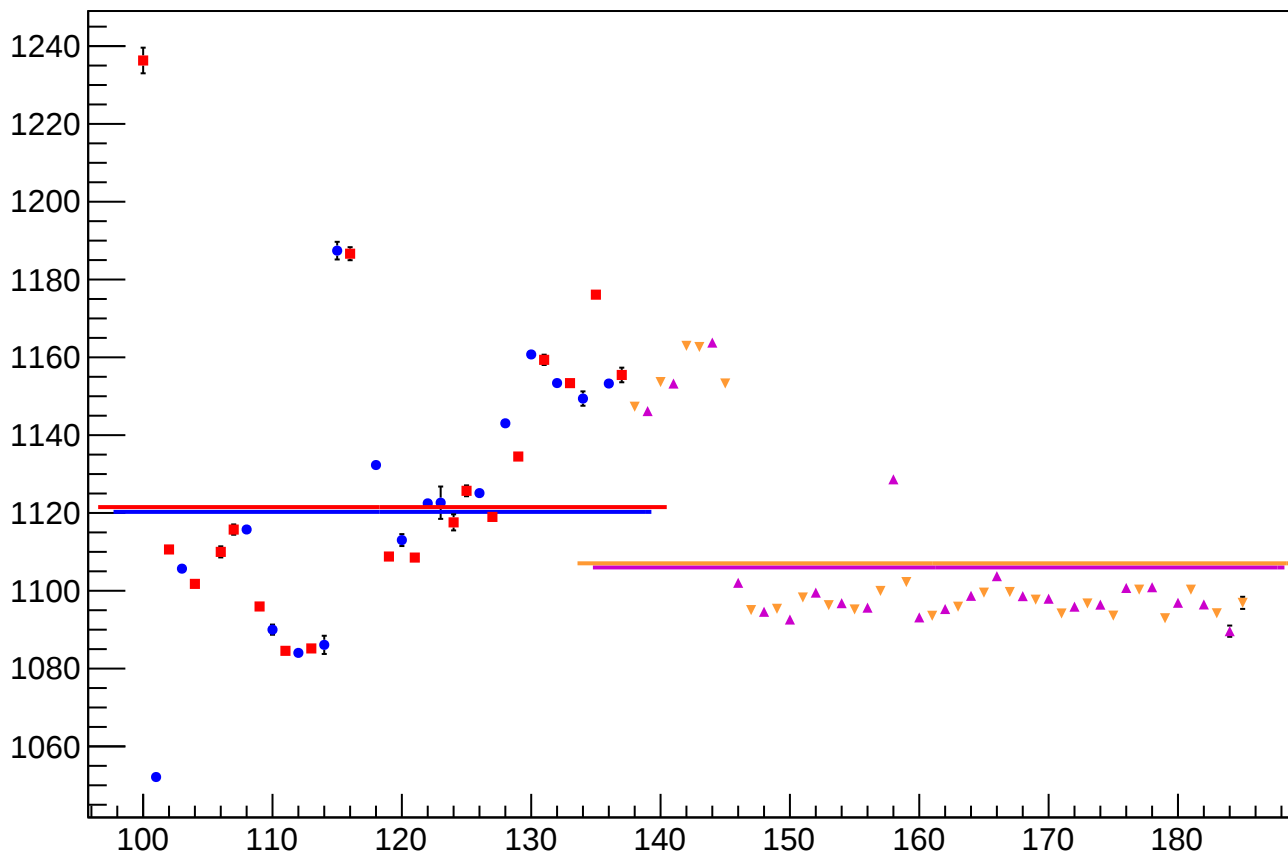
Left In: -2313.505 $\pm$ 264.429 χ^2 /NDF:31.3/22

+ sign 2291.437 $\pm$ 221.561 χ^2 /NDF: 28.5/41

All: 53.804 $\pm$ 157.451 χ^2 /NDF: 279.0/83

- sign -2229.161 $\pm$ 223.795 χ^2 /NDF: 44.4/41

reg_asym_usr_rms vs Slug



Right In: 1120.277 $\pm$ 0.307 χ^2 /NDF: 11962.7/16

Left Out: 1107.056 $\pm$ 0.182 χ^2 /NDF: 15177.6/24

Right Out: 1121.507 $\pm$ 0.297 χ^2 /NDF: 10014.9/18

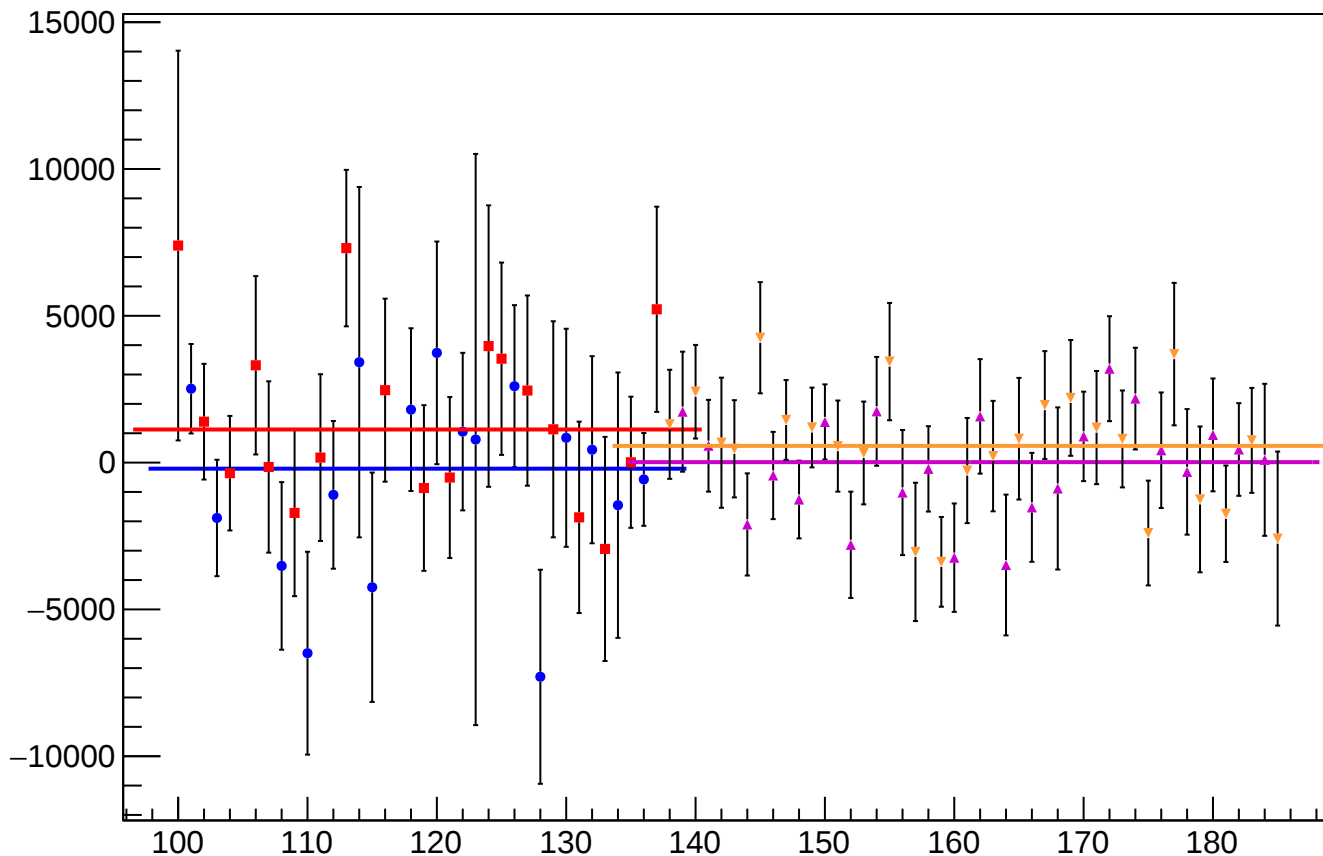
Left In: 1105.997 $\pm$ 0.187 χ^2 /NDF: 11551.3/22

+ sign 1110.493 $\pm$ 0.157 χ^2 /NDF: 28510.4/41

All: 1110.445 $\pm$ 0.111 χ^2 /NDF: 52029.3/83

- sign 1110.397 $\pm$ 0.158 χ^2 /NDF: 23518.6/41

asym_usr_correction_mean vs Slug



Right In: -207.352+/-656.632 χ^2/NDF : 17.0/16

Left Out: 568.834+/-360.938 χ^2/NDF : 26.8/24

Right Out: 1127.444+/-663.569 χ^2/NDF : 14.4/18

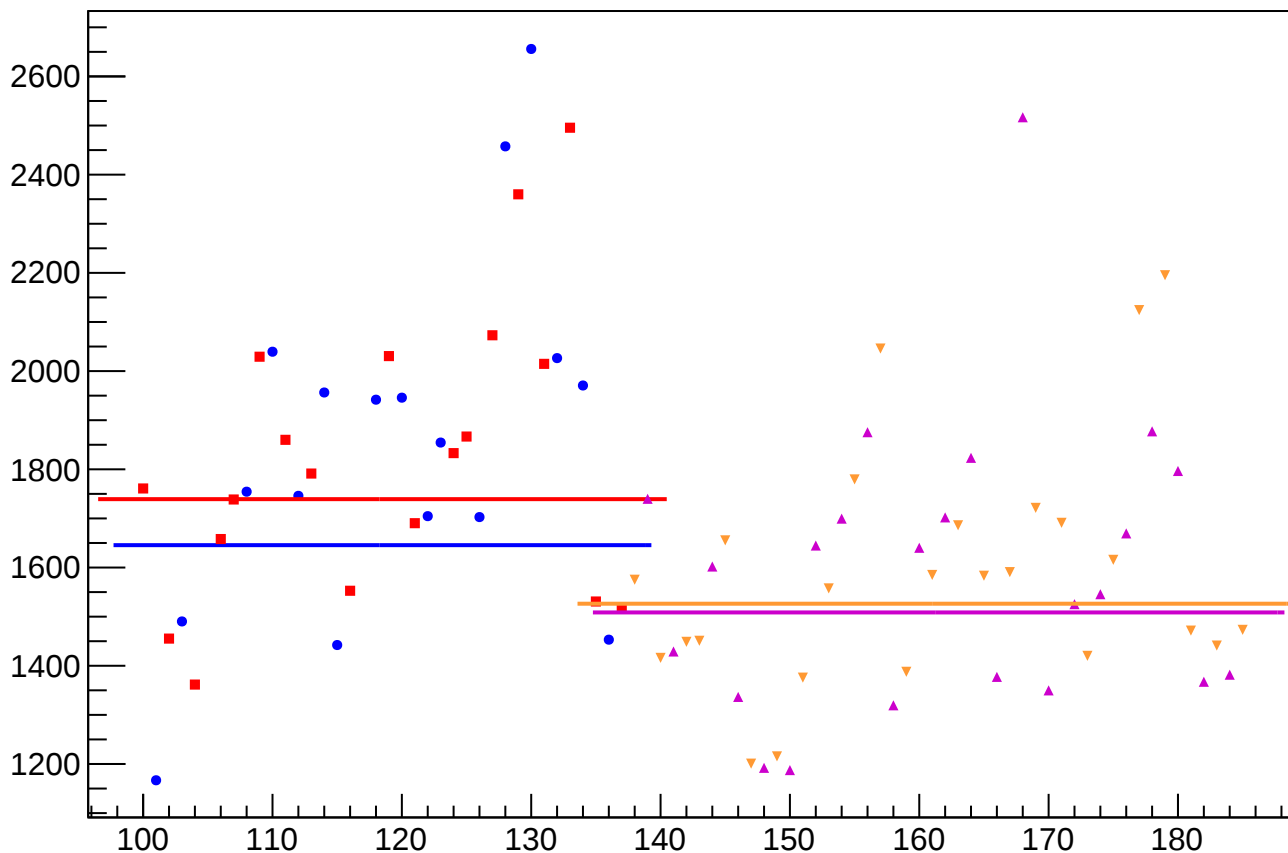
Left In: 15.520+/-366.854 χ^2/NDF : 20.1/22

+ sign 388.729+/-316.302 χ^2/NDF : 44.9/41

All: 333.114+/-225.322 χ^2/NDF : 81.6/83

- sign 275.815+/-321.056 χ^2/NDF : 36.7/41

asym_usr_correction_rms vs Slug



Right In: 1645.579+/-0.464 χ^2/NDF : 606697.8/16

Left Out: 1526.352+/-0.255 χ^2/NDF : 753839.1/24

Right Out: 1739.254+/-0.469 χ^2/NDF : 372578.2/18

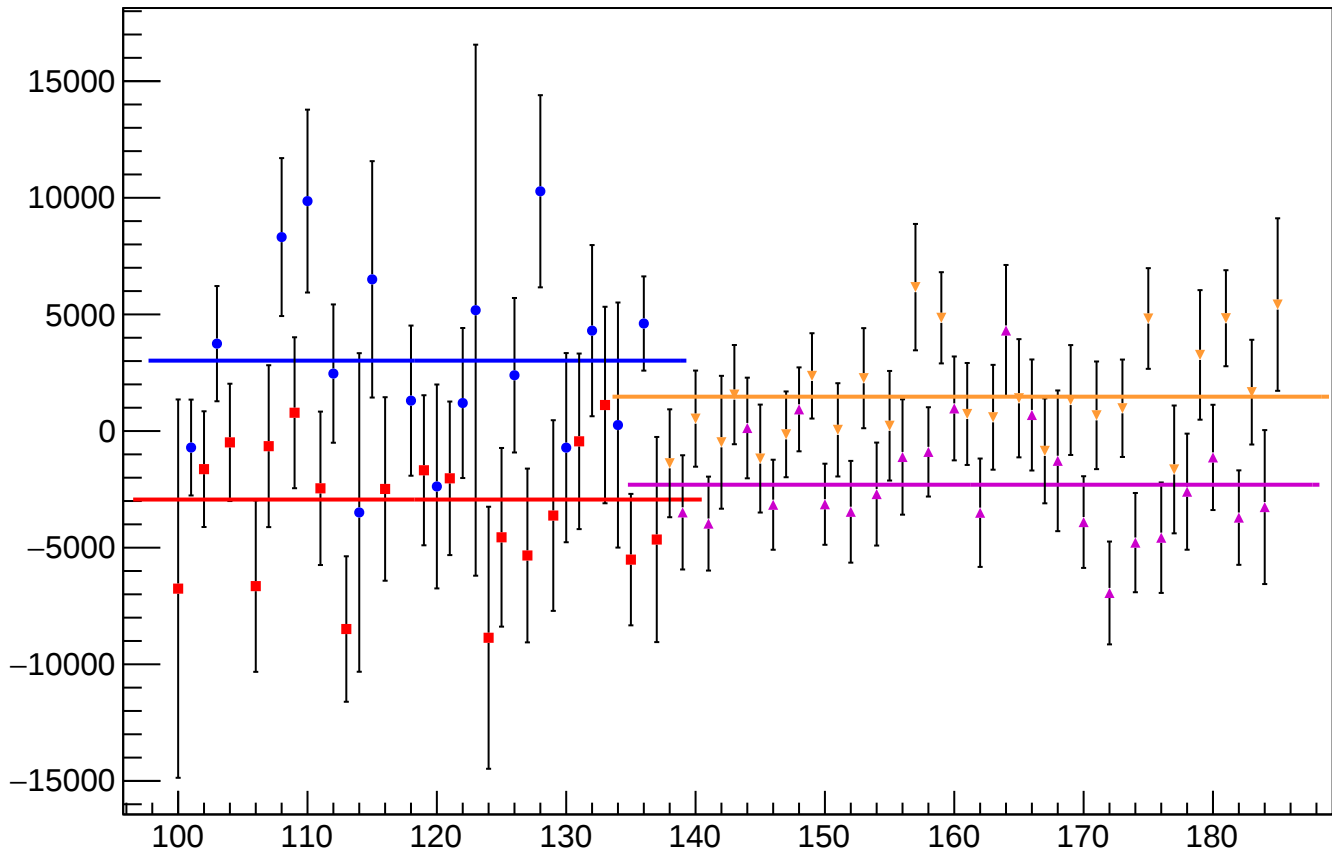
Left In: 1508.581+/-0.259 χ^2/NDF : 931684.8/22

+ sign 1554.017+/-0.224 χ^2/NDF : 1411174.8/41

All: 1558.235+/-0.159 χ^2/NDF : 2901268.6/83

- sign 1562.580+/-0.227 χ^2/NDF : 1489371.9/41

asym_usr_mean vs Slug



Right In: 3018.495 $\pm$ 804.013 χ^2 /NDF: 17.5/16

Left Out: 1473.181 $\pm$ 450.033 χ^2 /NDF: 20.9/24

Right Out: -2936.563 $\pm$ 797.151 χ^2 /NDF: 11.7/18

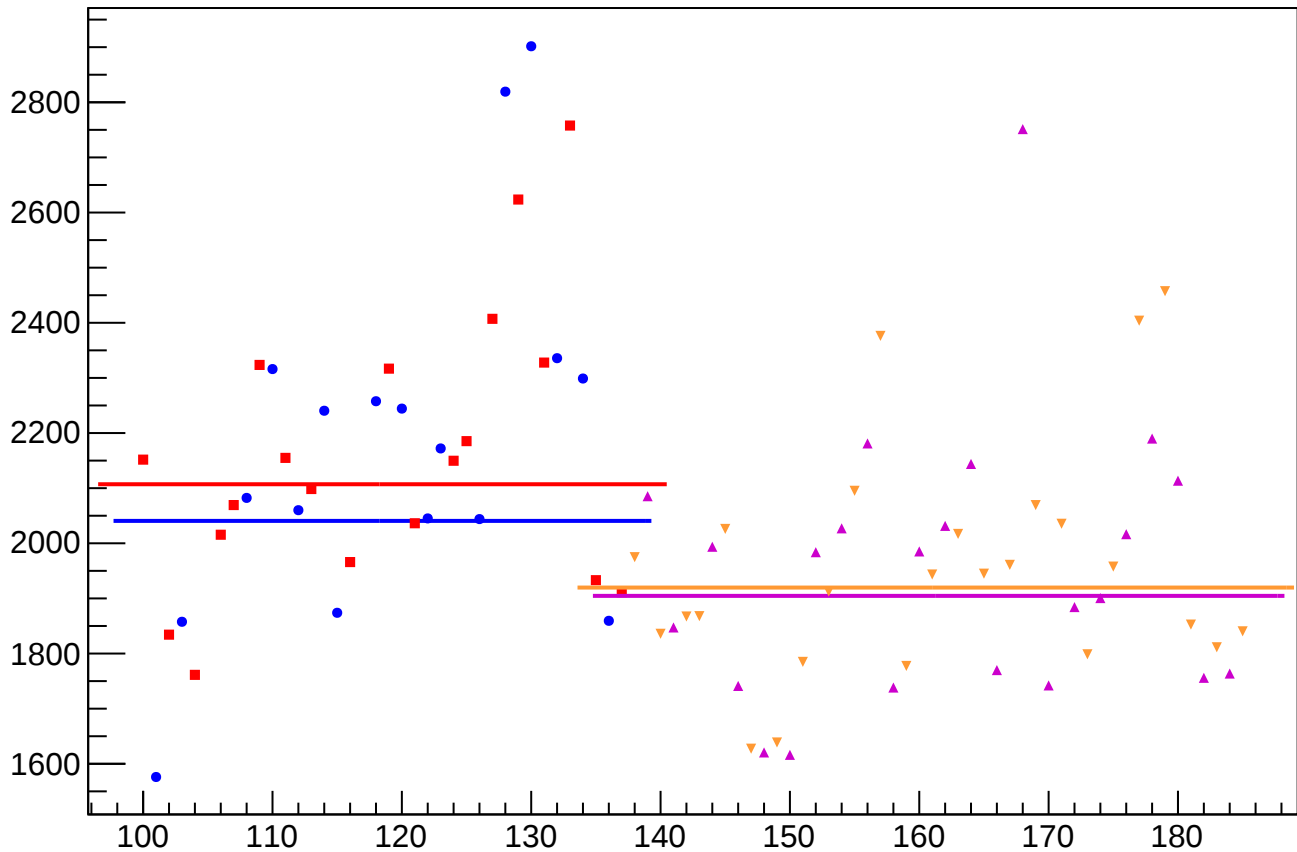
Left In: -2301.247 $\pm$ 459.040 χ^2 /NDF: 24.8/22

+ sign 1841.831 $\pm$ 392.701 χ^2 /NDF: 41.2/41

All: -281.080 $\pm$ 279.466 χ^2 /NDF: 137.4/83

- sign -2459.457 $\pm$ 397.798 χ^2 /NDF: 37.0/41

asym_usr_rms vs Slug



Right In: 2040.634+/-0.569 χ^2/NDF : 336565.5/16

Left Out: 1919.703+/-0.318 χ^2/NDF : 366304.6/24

Right Out: 2107.120+/-0.564 χ^2/NDF : 197006.9/18

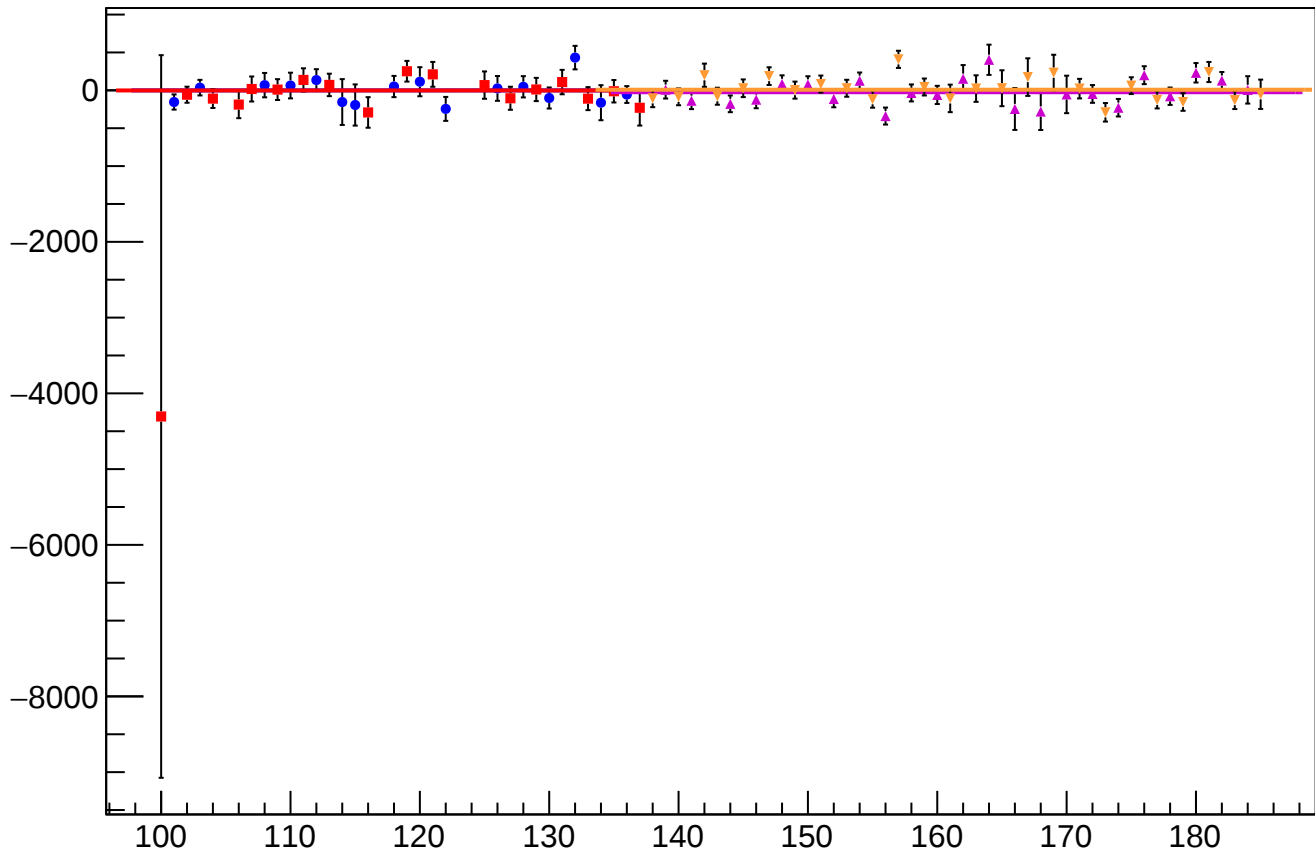
Left In: 1904.629+/-0.325 χ^2/NDF : 447350.7/22

+ sign 1948.552+/-0.278 χ^2/NDF : 737321.9/41

All: 1951.761+/-0.198 χ^2/NDF : 1478864.5/83

- sign 1955.054+/-0.281 χ^2/NDF : 741272.0/41

reg_asym_dsl_mean vs Slug



Right In: -0.770 ± 36.771 χ^2/NDF : 16.5/15

Left Out: 7.903 ± 25.577 χ^2/NDF : 36.4/24

Right Out: -1.460 ± 36.756 χ^2/NDF : 13.8/17

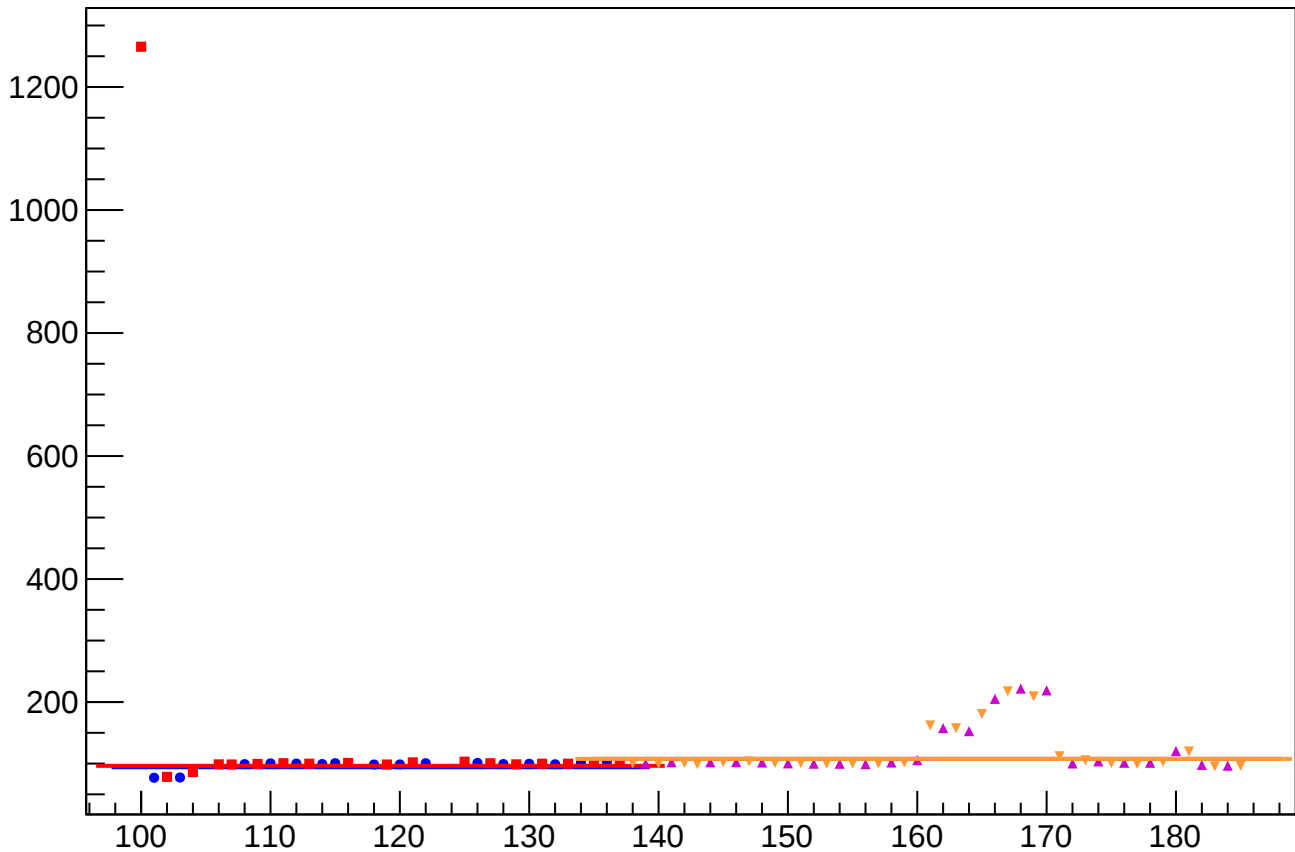
Left In: -24.786 ± 26.343 χ^2/NDF : 36.4/22

+ sign 5.075 ± 20.997 χ^2/NDF : 52.9/40

All: -5.683 ± 14.992 χ^2/NDF : 103.9/81

- sign -16.870 ± 21.412 χ^2/NDF : 50.5/40

reg_asym_dsl_rms vs Slug



Right In: 94.047+/-0.026 χ^2/NDF : 152068.3/15

Left Out: 107.594+/-0.018 χ^2/NDF : 1447174.3/24

Right Out: 96.358+/-0.026 χ^2/NDF : 209109.4/17

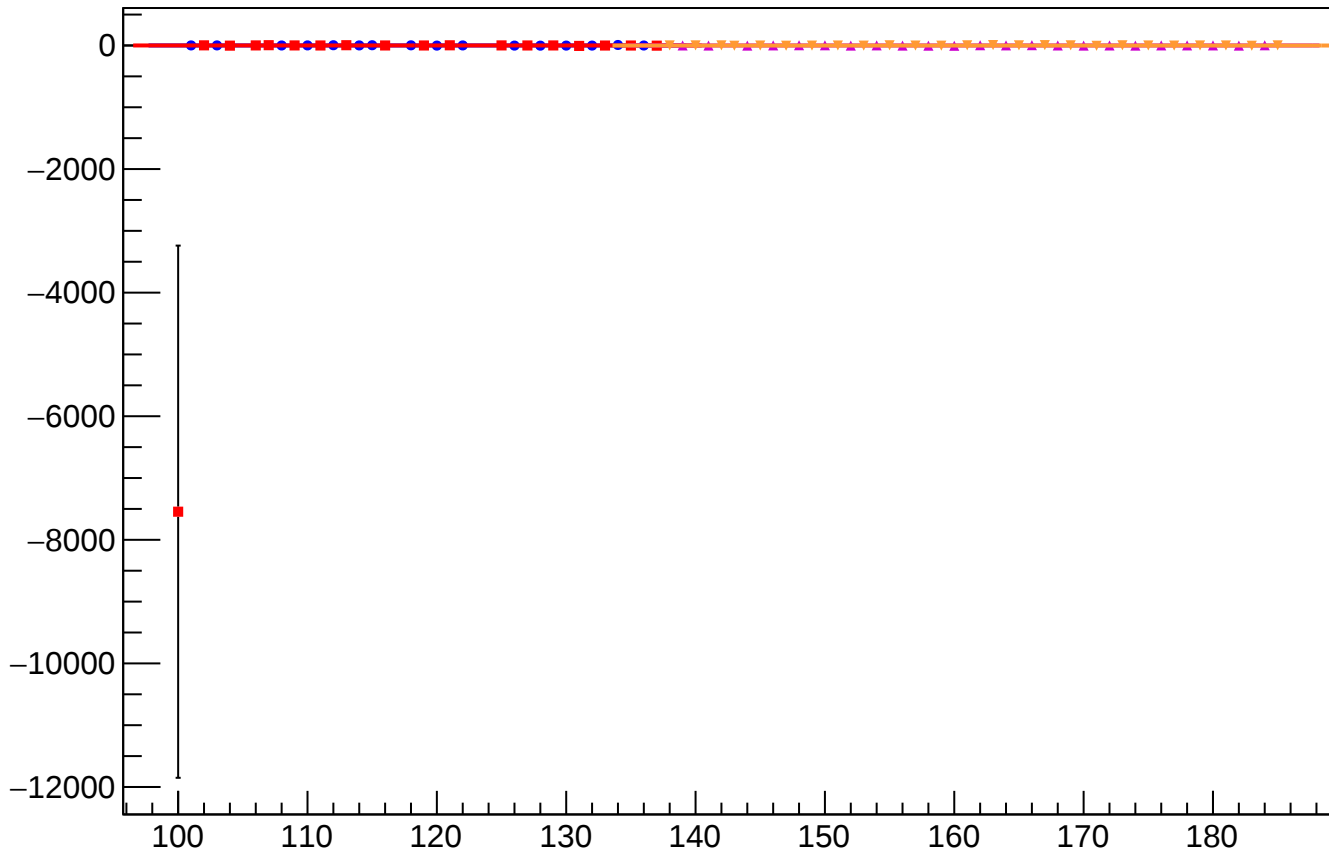
Left In: 107.672+/-0.019 χ^2/NDF : 1491034.7/22

+ sign 103.177+/-0.015 χ^2/NDF : 1782193.9/40

All: 103.499+/-0.011 χ^2/NDF : 3608493.6/81

- sign 103.833+/-0.015 χ^2/NDF : 1825343.7/40

asym_dsl_correction_mean vs Slug



Right In: 0.390 ± 0.617 χ^2/NDF : 10.4/15

Left Out: -0.769 ± 0.459 χ^2/NDF : 34.3/24

Right Out: 0.344 ± 0.644 χ^2/NDF : 21.0/17

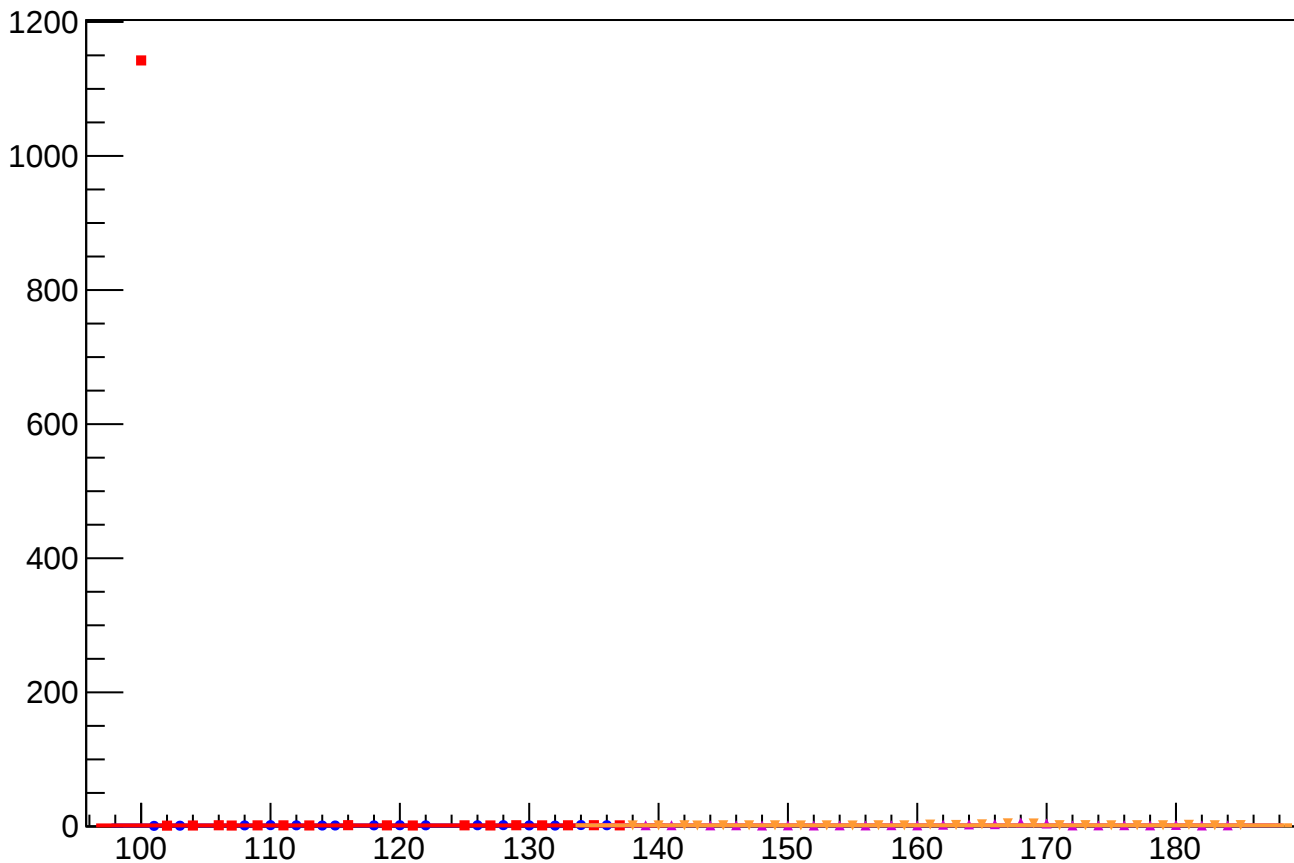
Left In: 0.067 ± 0.485 χ^2/NDF : 25.0/22

+ sign -0.356 ± 0.368 χ^2/NDF : 47.0/40

All: -0.107 ± 0.267 χ^2/NDF : 94.0/81

- sign 0.168 ± 0.387 χ^2/NDF : 46.1/40

asym_dsl_correction_rms vs Slug



Right In: 1.420 $\pm$ 0.000 χ^2 /NDF: 713301.5/15

Left Out: 1.746 $\pm$ 0.000 χ^2 /NDF: 1683676.4/24

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 313943.5/17

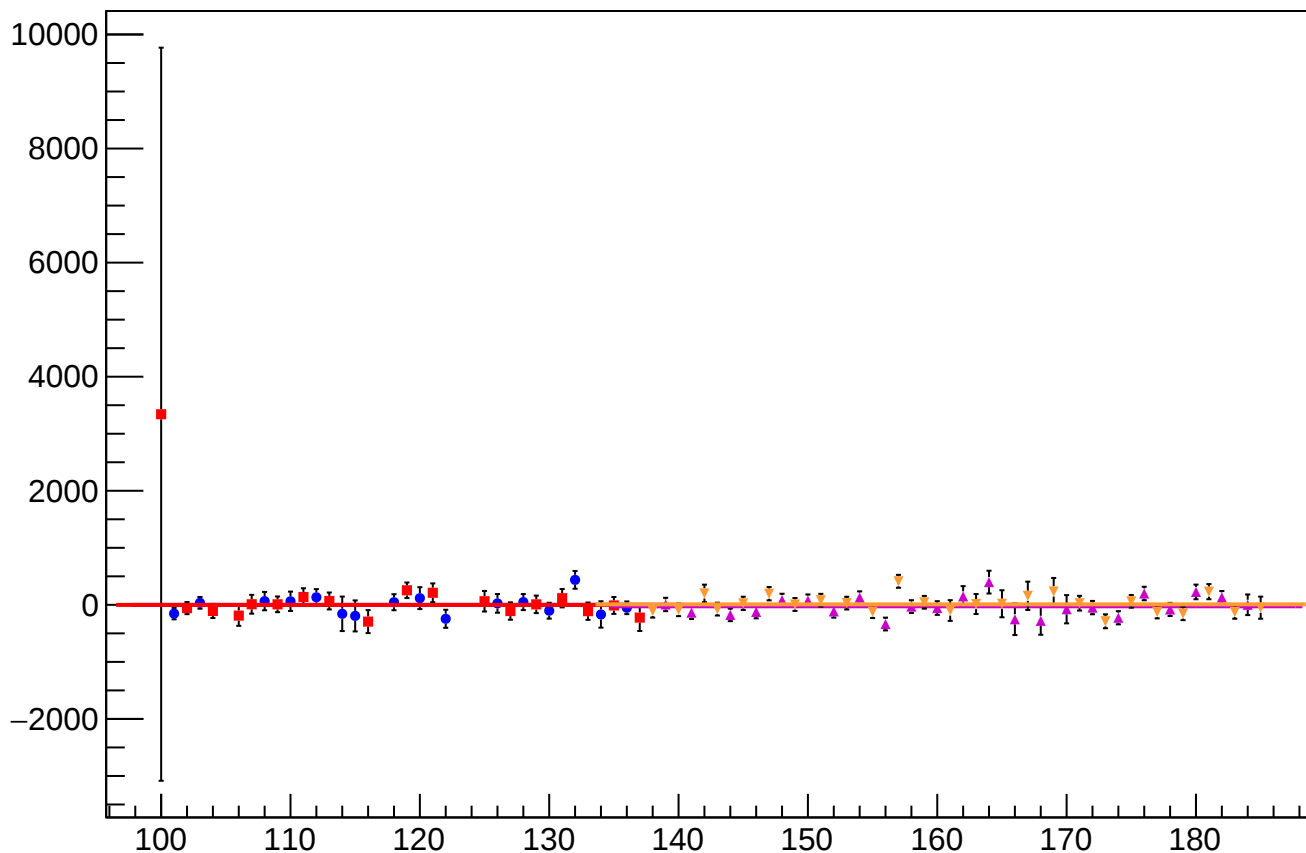
Left In: 1.802 $\pm$ 0.000 χ^2 /NDF: 1921298.2/22

+ sign 1.630 $\pm$ 0.000 χ^2 /NDF: 2756727.4/40

All: 1.669 $\pm$ 0.000 χ^2 /NDF: 5228951.9/81

- sign 1.713 $\pm$ 0.000 χ^2 /NDF: 2424019.2/40

asym_dsl_mean vs Slug



Right In: -0.474 ± 36.781 χ^2/NDF : 16.7/15

Left Out: 8.722 ± 25.585 χ^2/NDF : 36.2/24

Right Out: -1.223 ± 36.766 χ^2/NDF : 13.3/17

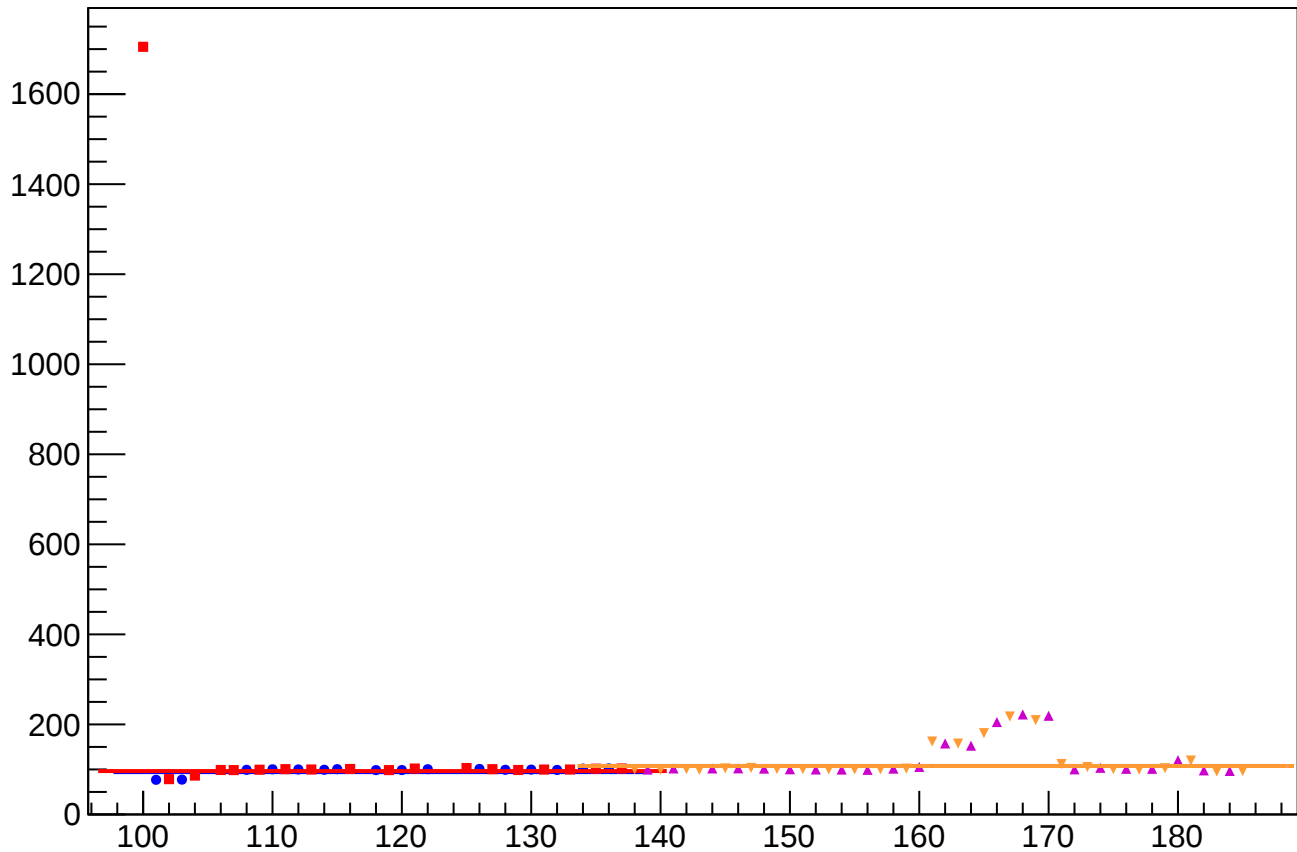
Left In: -25.312 ± 26.351 χ^2/NDF : 35.7/22

+ sign 5.723 ± 21.003 χ^2/NDF : 52.9/40

All: -5.483 ± 14.996 χ^2/NDF : 102.8/81

- sign -17.137 ± 21.418 χ^2/NDF : 49.3/40

asym_dsl_rms vs Slug



Right In: 94.071 $\pm$ 0.026 χ^2 /NDF: 152087.2/15

Left Out: 107.625 $\pm$ 0.018 χ^2 /NDF: 1448572.1/24

Right Out: 96.367 $\pm$ 0.026 χ^2 /NDF: 214243.8/17

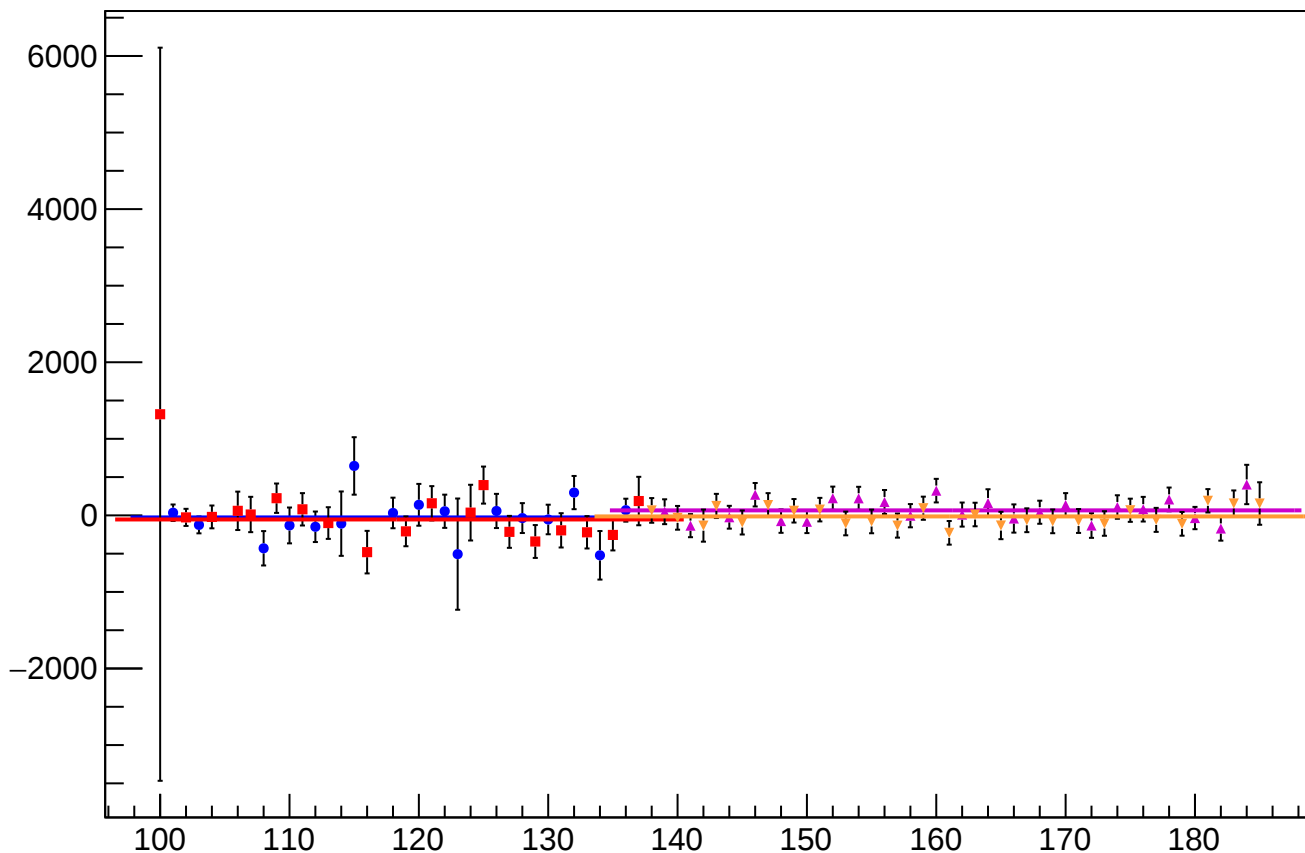
Left In: 107.703 $\pm$ 0.019 χ^2 /NDF: 1492338.5/22

+ sign 103.205 $\pm$ 0.015 χ^2 /NDF: 1783678.7/40

All: 103.524 $\pm$ 0.011 χ^2 /NDF: 3616815.6/81

- sign 103.856 $\pm$ 0.015 χ^2 /NDF: 1832196.0/40

reg_asym_dsr_mean vs Slug



Right In: -26.797 ± 46.841 χ^2/NDF : 14.4/16

Left Out: -13.672 ± 32.067 χ^2/NDF : 11.7/24

Right Out: -53.384 ± 47.775 χ^2/NDF : 15.4/18

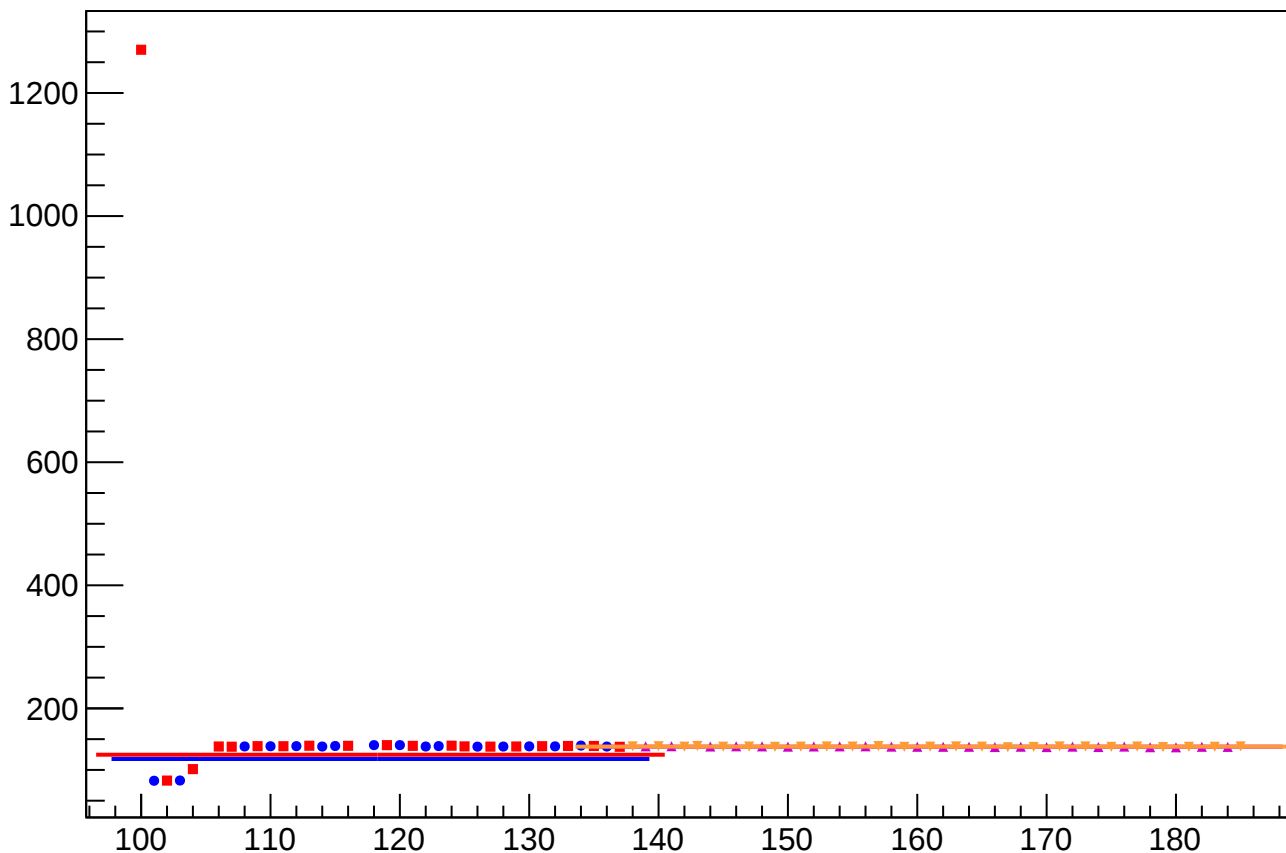
Left In: 65.335 ± 32.944 χ^2/NDF : 19.3/22

+ sign -17.860 ± 26.460 χ^2/NDF : 26.2/41

All: 4.054 ± 18.939 χ^2/NDF : 66.5/83

- sign 27.076 ± 27.121 χ^2/NDF : 38.9/41

reg_asym_dsr_rms vs Slug



Right In: 117.762 $\pm$ 0.033 χ^2 /NDF: 665636.8/16

Left Out: 137.857 $\pm$ 0.023 χ^2 /NDF: 442.9/24

Right Out: 124.724 $\pm$ 0.034 χ^2 /NDF: 569285.6/18

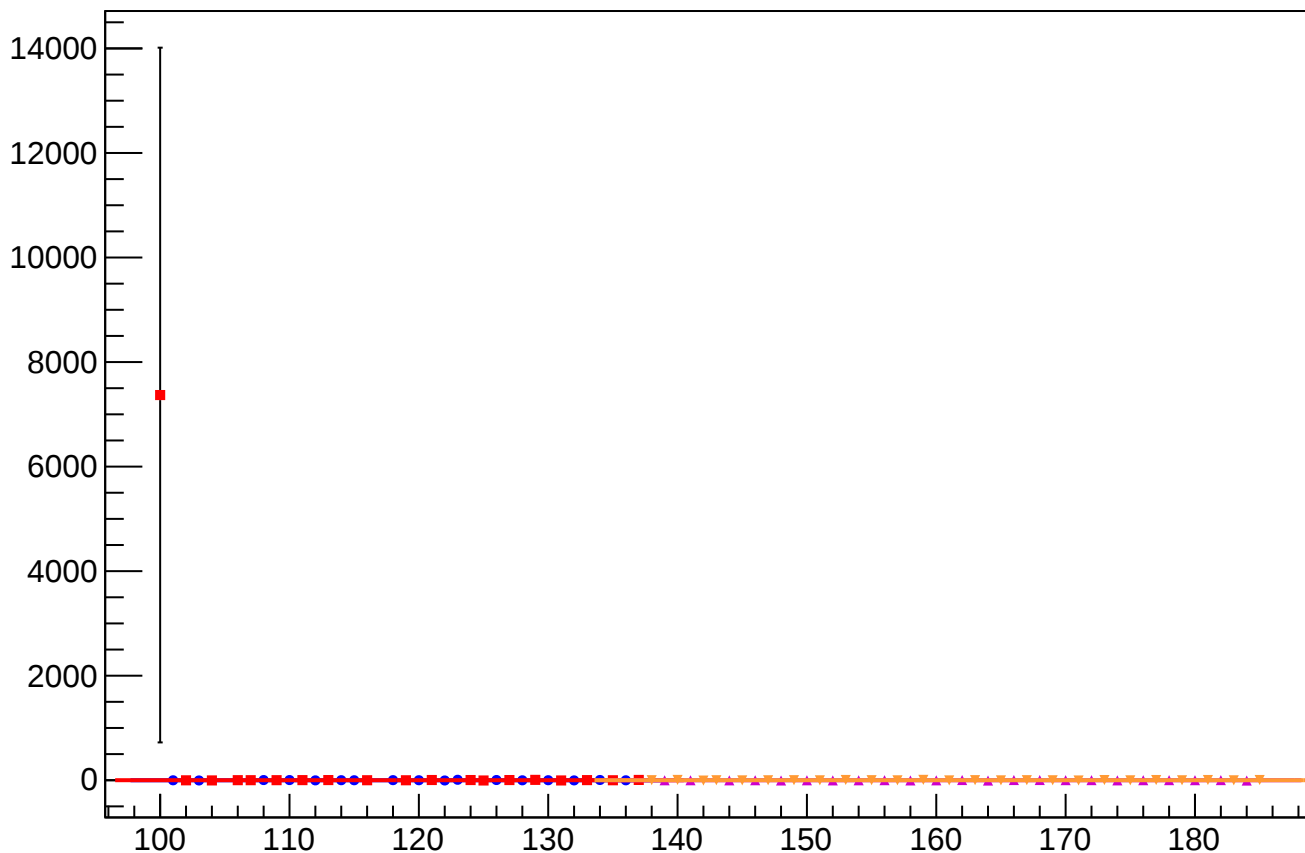
Left In: 137.804 $\pm$ 0.023 χ^2 /NDF: 460.3/22

+ sign 131.444 $\pm$ 0.019 χ^2 /NDF: 916721.6/41

All: 132.490 $\pm$ 0.013 χ^2 /NDF: 1594482.2/83

- sign 133.589 $\pm$ 0.019 χ^2 /NDF: 671353.2/41

asym_dsr_correction_mean vs Slug



Right In: -0.719 ± 0.810 χ^2/NDF : 12.2/16

Left Out: 0.486 ± 0.572 χ^2/NDF : 29.0/24

Right Out: 0.638 ± 0.852 χ^2/NDF : 14.7/18

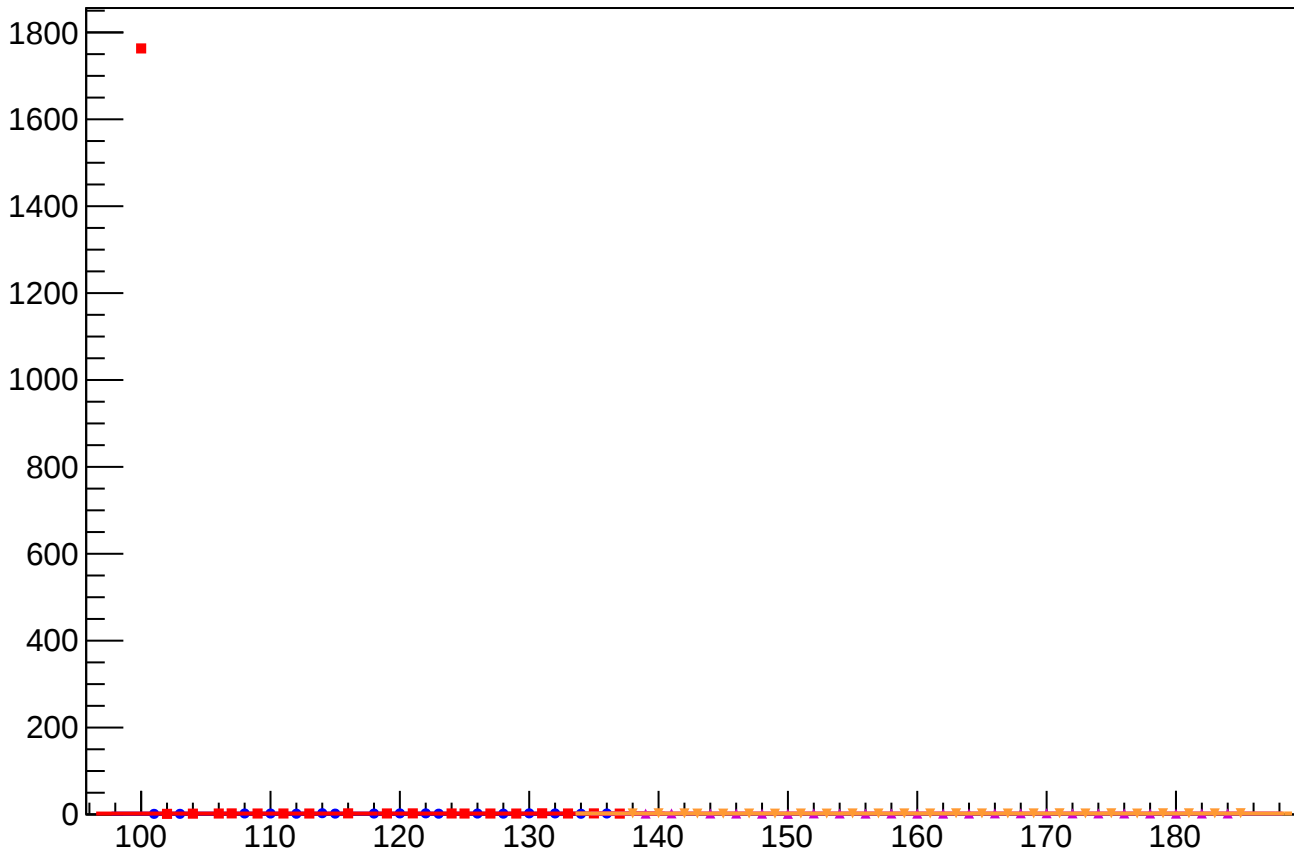
Left In: -0.290 ± 0.579 χ^2/NDF : 20.7/22

+ sign 0.084 ± 0.467 χ^2/NDF : 42.7/41

All: 0.045 ± 0.334 χ^2/NDF : 78.9/83

- sign 0.003 ± 0.479 χ^2/NDF : 36.2/41

asym_dsr_correction_rms vs Slug



Right In: 1.865 $\pm$ 0.001 χ^2 /NDF: 489750.7/16

Left Out: 2.262 $\pm$ 0.000 χ^2 /NDF: 374592.8/24

Right Out: 2.064 $\pm$ 0.001 χ^2 /NDF: 521829.5/18

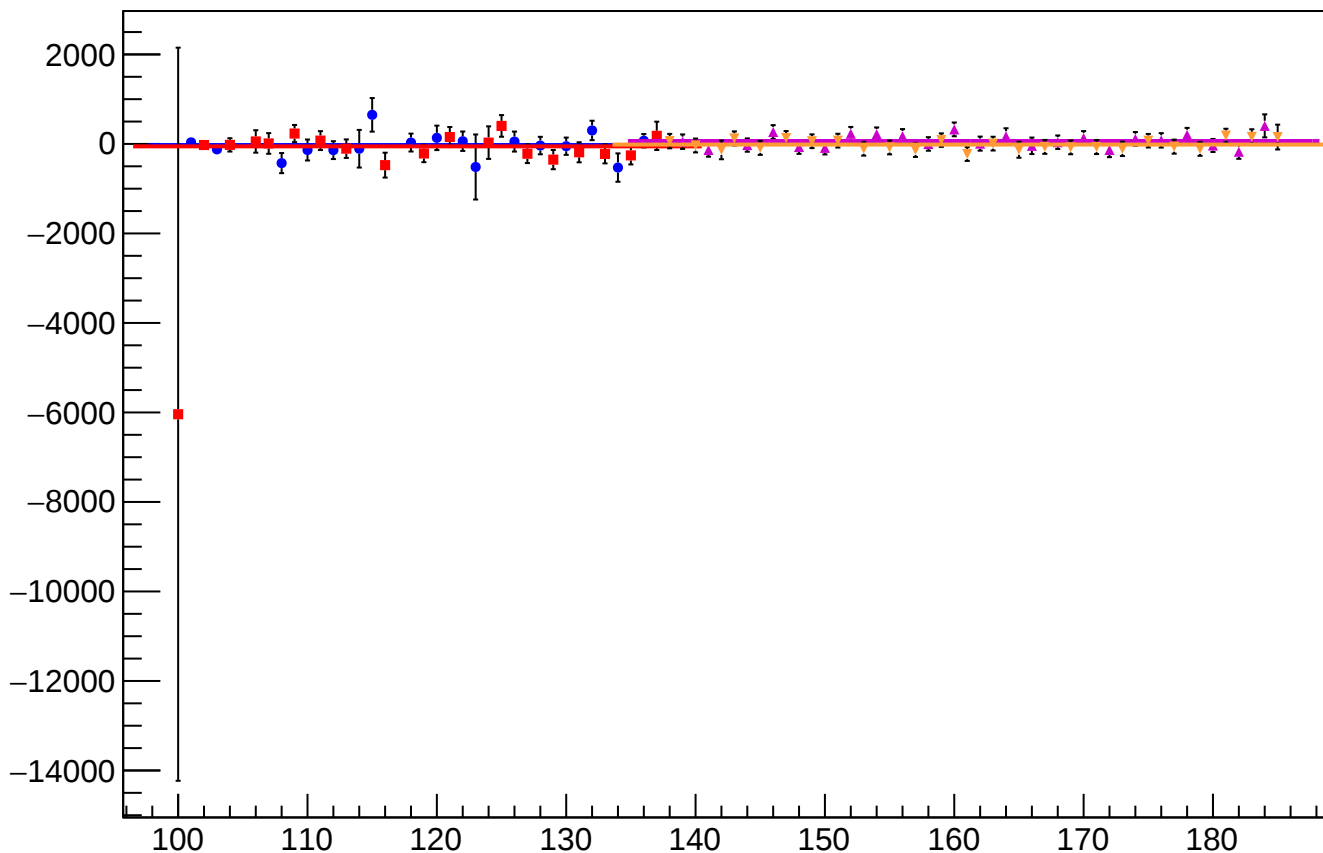
Left In: 2.193 $\pm$ 0.000 χ^2 /NDF: 510890.7/22

+ sign 2.130 $\pm$ 0.000 χ^2 /NDF: 1183975.6/41

All: 2.141 $\pm$ 0.000 χ^2 /NDF: 2250442.1/83

- sign 2.152 $\pm$ 0.000 χ^2 /NDF: 1064233.6/41

asym_dsr_mean vs Slug



Right In: -25.059 ± 46.854 χ^2/NDF : 14.5/16

Left Out: -14.211 ± 32.076 χ^2/NDF : 11.5/24

Right Out: -54.286 ± 47.789 χ^2/NDF : 16.1/18

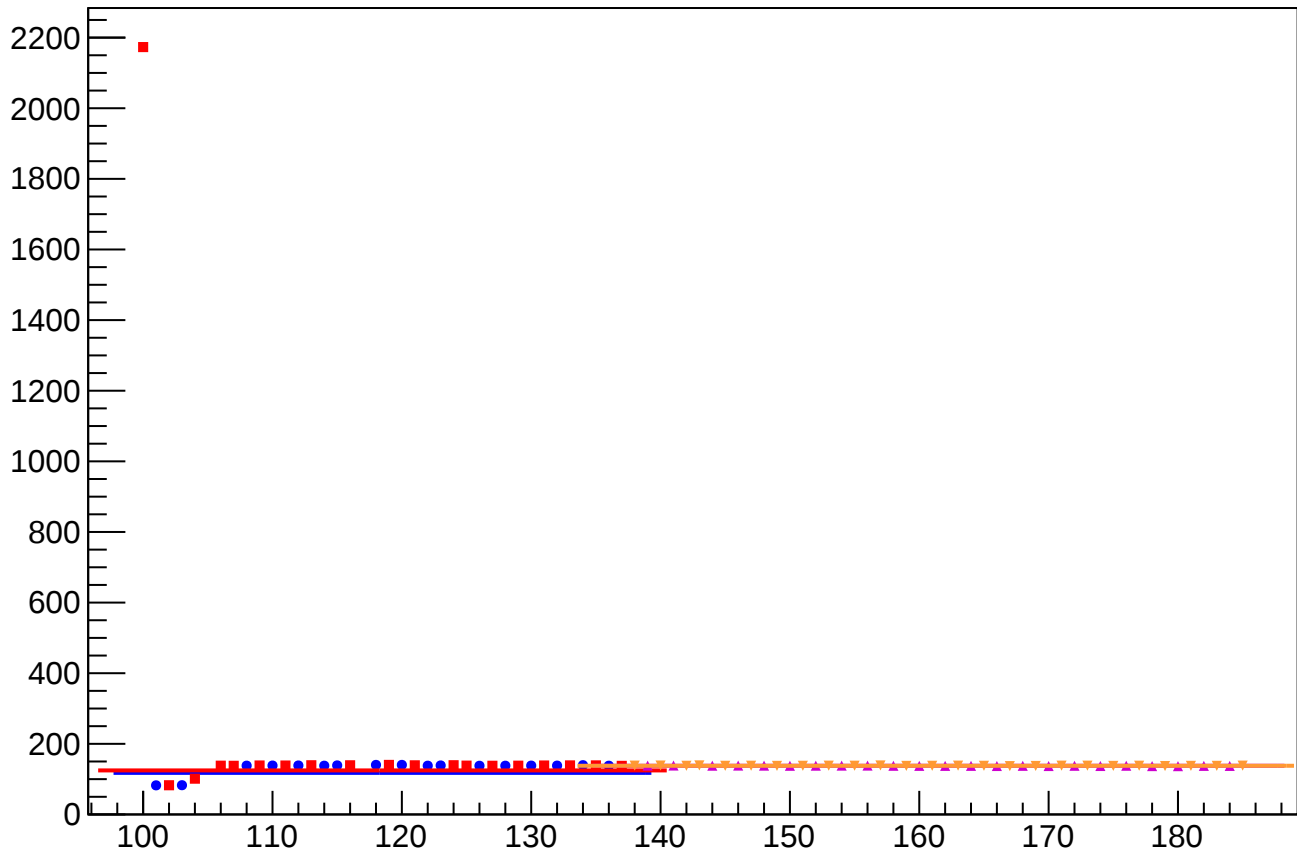
Left In: 65.231 ± 32.953 χ^2/NDF : 19.4/22

+ sign -17.673 ± 26.468 χ^2/NDF : 26.0/41

All: 3.975 ± 18.945 χ^2/NDF : 67.1/83

- sign 26.716 ± 27.129 χ^2/NDF : 39.7/41

asym_dsr_rms vs Slug



Right In: 117.793 $\pm$ 0.033 χ^2 /NDF: 665675.4/16

Left Out: 137.896 $\pm$ 0.023 χ^2 /NDF: 440.3/24

Right Out: 124.713 $\pm$ 0.034 χ^2 /NDF: 579862.1/18

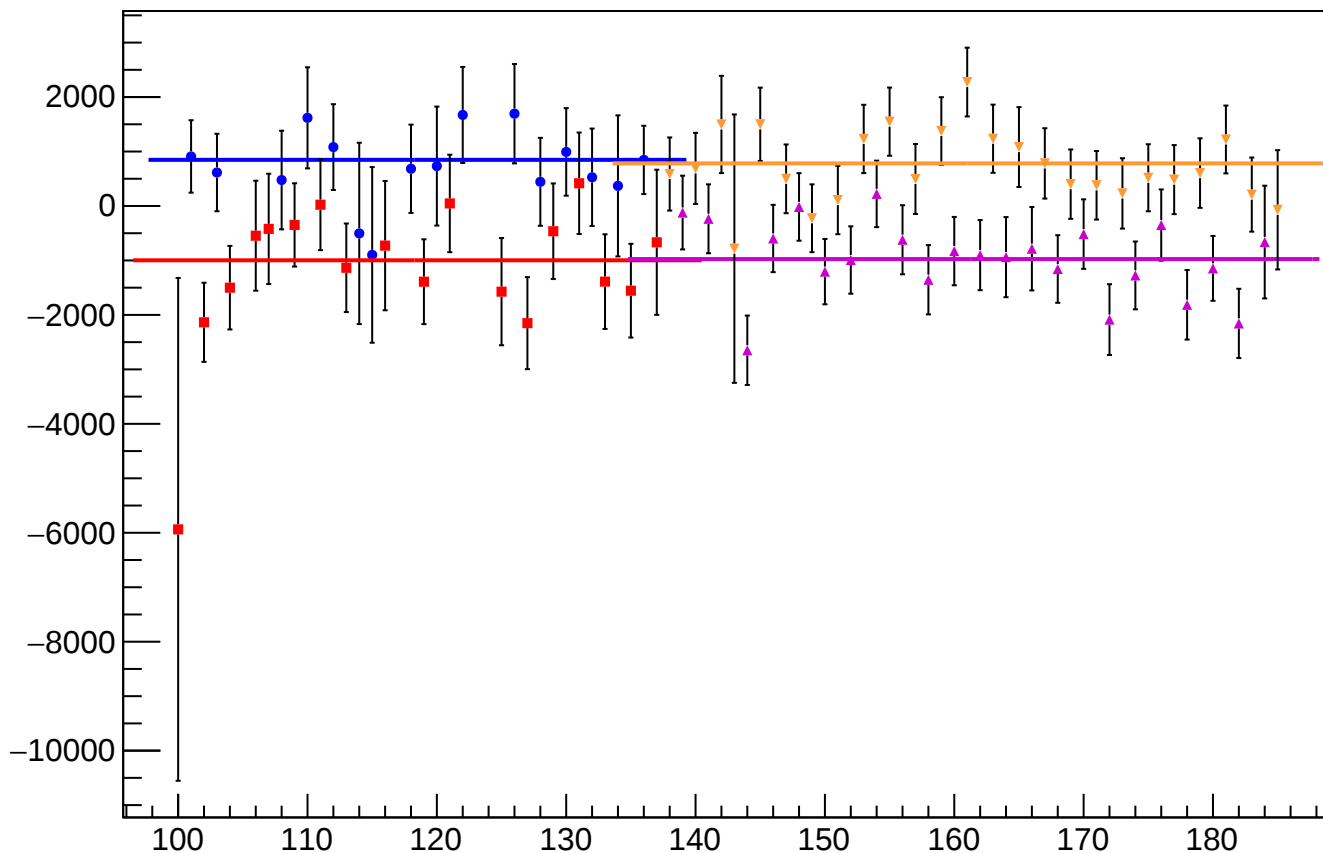
Left In: 137.843 $\pm$ 0.023 χ^2 /NDF: 457.2/22

+ sign 131.481 $\pm$ 0.019 χ^2 /NDF: 916791.2/41

All: 132.520 $\pm$ 0.013 χ^2 /NDF: 1605758.5/83

- sign 133.612 $\pm$ 0.019 χ^2 /NDF: 682643.8/41

reg_asym_left_avg_mean vs Slug



Right In: 847.032 ± 216.666 χ^2/NDF : 5.2/15

Left Out: 781.990 ± 133.874 χ^2/NDF : 19.5/24

Right Out: -997.112 ± 213.264 χ^2/NDF : 14.0/17

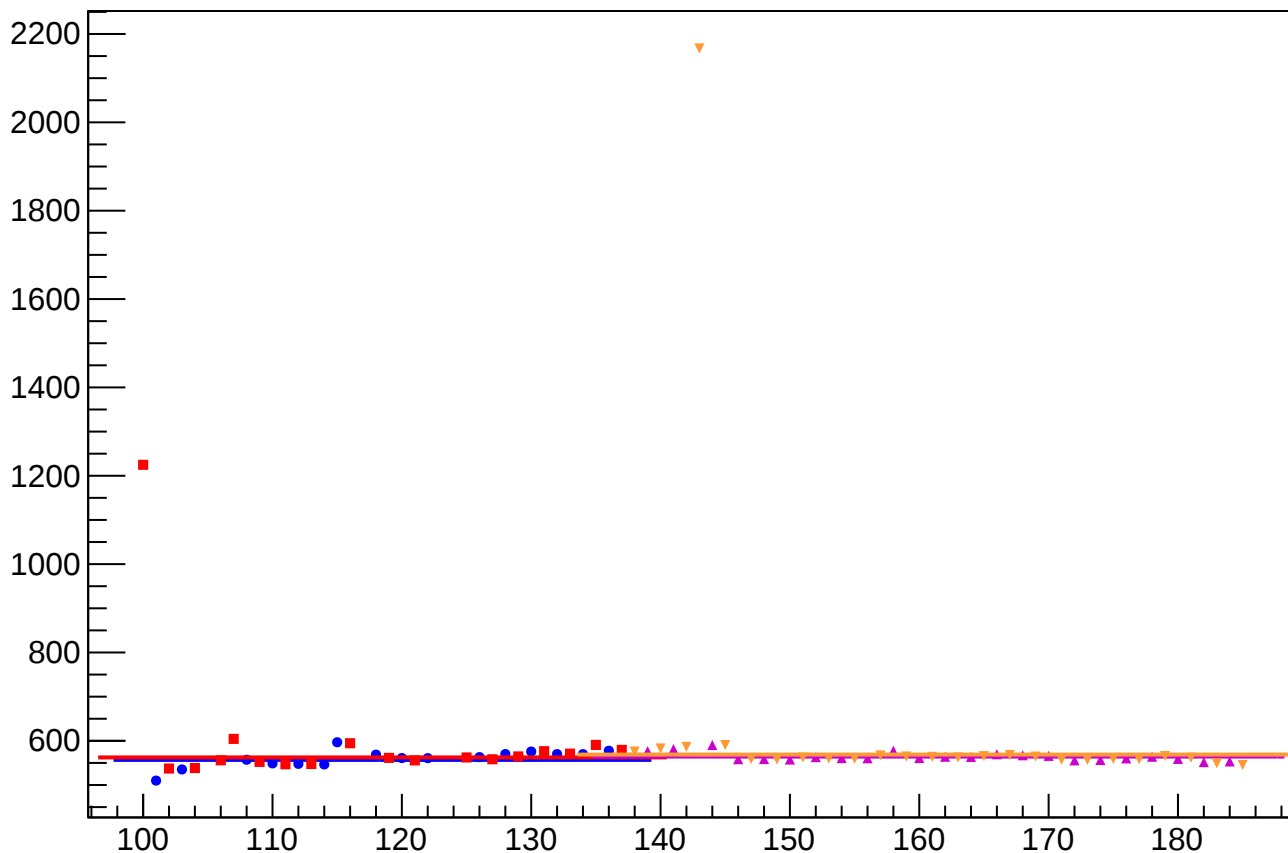
Left In: -974.402 ± 134.932 χ^2/NDF : 27.4/22

+ sign 799.961 ± 113.888 χ^2/NDF : 24.8/40

All: -89.390 ± 80.580 χ^2/NDF : 188.4/81

- sign -980.894 ± 114.026 χ^2/NDF : 41.5/40

reg_asym_left_avg_rms vs Slug



Right In: 556.871 $\pm$ 0.153 χ^2 /NDF: 18555.7/15

Left Out: 568.879 $\pm$ 0.095 χ^2 /NDF: 853706.3/24

Right Out: 562.460 $\pm$ 0.151 χ^2 /NDF: 55550.6/17

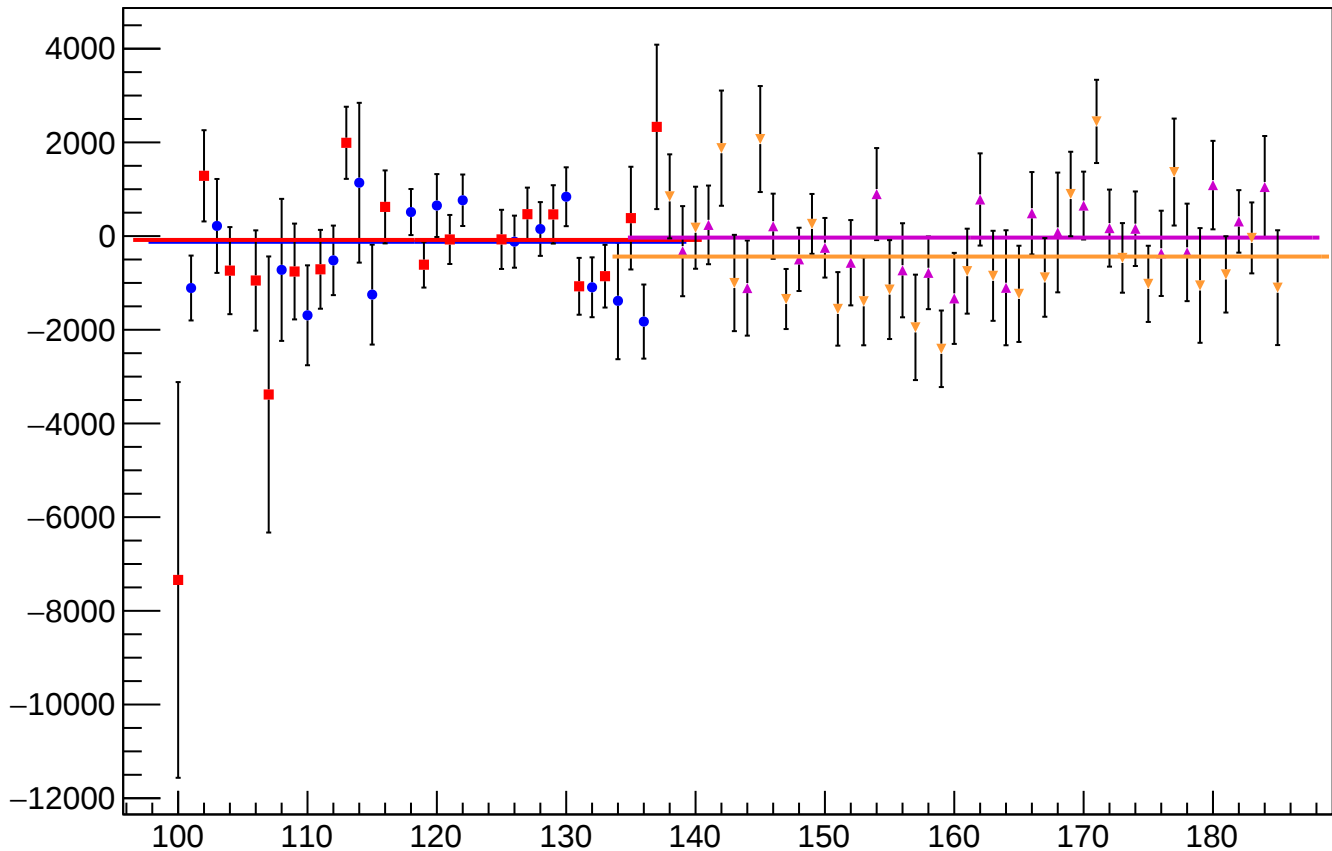
Left In: 564.383 $\pm$ 0.095 χ^2 /NDF: 9209.5/22

+ sign 565.561 $\pm$ 0.081 χ^2 /NDF: 876707.6/40

All: 564.698 $\pm$ 0.057 χ^2 /NDF: 941813.8/81

- sign 563.833 $\pm$ 0.081 χ^2 /NDF: 64876.3/40

asym_left_avg_correction_mean vs Slug



Right In: -121.777 ± 180.788 χ^2/NDF : 22.6/15

Left Out: -437.220 ± 177.912 χ^2/NDF : 43.6/24

Right Out: -82.274 ± 179.330 χ^2/NDF : 25.3/17

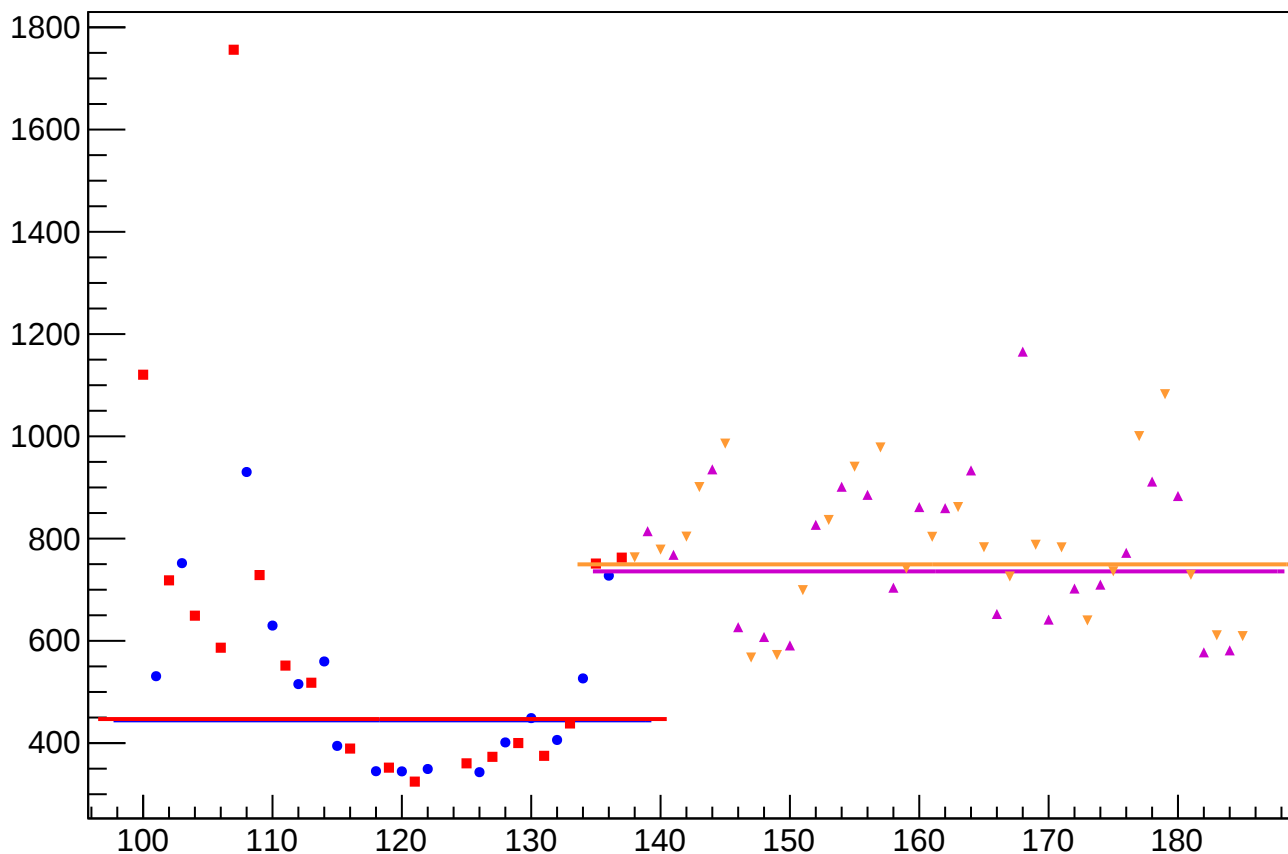
Left In: -32.411 ± 179.430 χ^2/NDF : 12.2/22

+ sign -282.028 ± 126.807 χ^2/NDF : 67.7/40

All: -169.722 ± 89.678 χ^2/NDF : 106.8/81

- sign -57.356 ± 126.841 χ^2/NDF : 37.6/40

asym_left_avg_correction_rms vs Slug



Right In: 444.510 $\pm$ 0.128 χ^2 /NDF: 1052706.5/15

Left Out: 749.599 $\pm$ 0.126 χ^2 /NDF:1053473.1/24

Right Out: 447.043 $\pm$ 0.127 χ^2 /NDF: 1454919.9/17

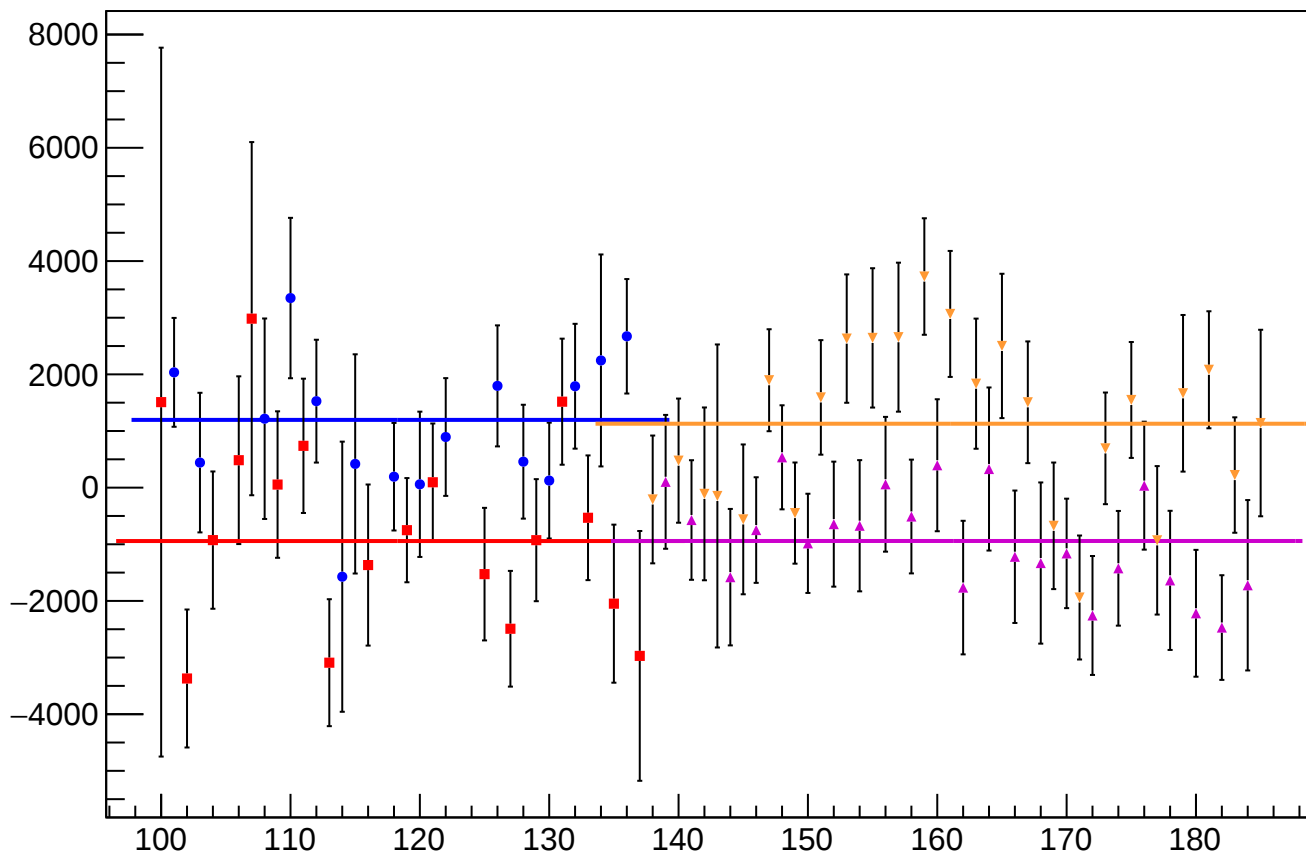
Left In: 735.850 $\pm$ 0.127 χ^2 /NDF:1105405.5/22

+ sign 599.500 $\pm$ 0.090 χ^2 /NDF: 4999673.9/40

All: 595.434 $\pm$ 0.063 χ^2 /NDF: 10156304.5/83

- sign 591.366 $\pm$ 0.090 χ^2 /NDF: 5152516.3/40

asym_left_avg_mean vs Slug



Right In: 1196.174 $\pm$ 296.098 χ^2 /NDF: 11.7/15

Left Out: 1128.360 $\pm$ 228.037 χ^2 /NDF: 39.1/24

Right Out: -942.782 $\pm$ 294.221 χ^2 /NDF: 23.1/17

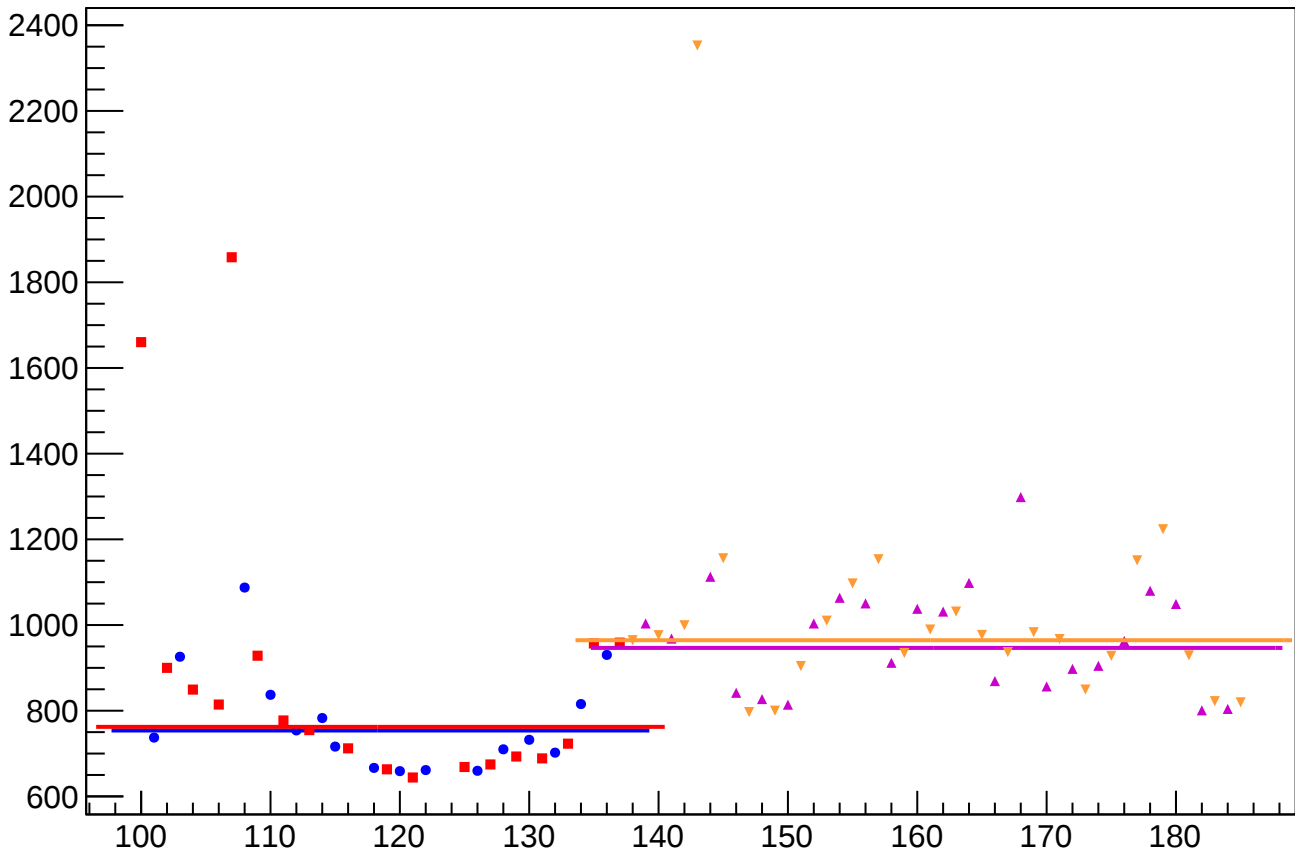
Left In: -941.702 $\pm$ 228.324 χ^2 /NDF: 14.8/22

+ sign 1153.608 $\pm$ 180.668 χ^2 /NDF: 50.9/40

All: 104.083 $\pm$ 127.650 χ^2 /NDF: 156.1/81

- sign -942.108 $\pm$ 180.381 χ^2 /NDF: 37.9/40

asym_left_avg_rms vs Slug



Right In: 753.808 $\pm$ 0.209 χ^2 /NDF: 250129.9/15

Left Out: 964.520 $\pm$ 0.161 χ^2 /NDF:1002712.6/24

Right Out: 762.317 $\pm$ 0.208 χ^2 /NDF: 513801.4/17

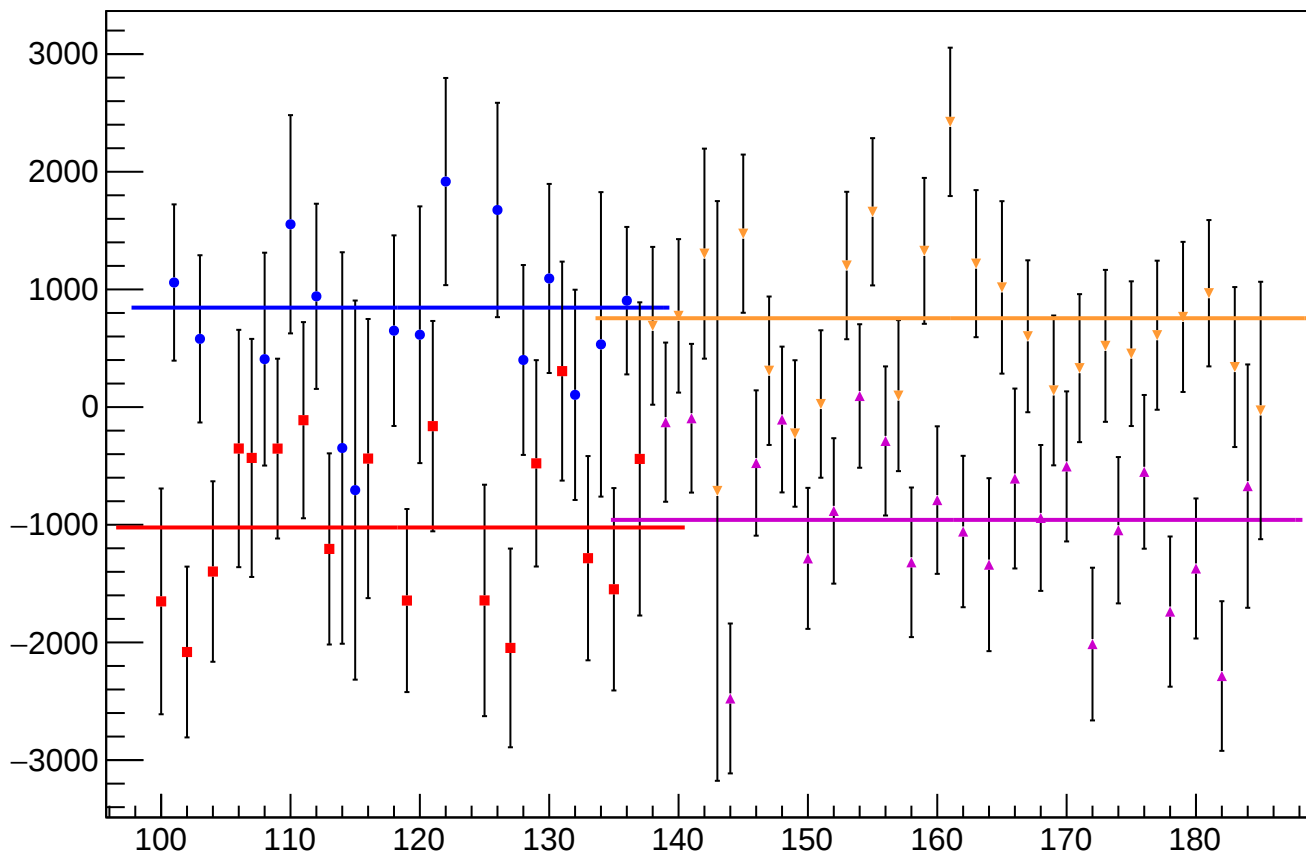
Left In: 946.573 $\pm$ 0.161 χ^2 /NDF:501366.9/22

+ sign 886.072 $\pm$ 0.128 χ^2 /NDF: 1888594.8/40

All: 881.688 $\pm$ 0.090 χ^2 /NDF: 3395672.8/81

- sign 877.317 $\pm$ 0.128 χ^2 /NDF: 1504726.1/40

reg_asym_left_dd_mean vs Slug



Right In: 845.362 $\pm$ 216.498 χ^2 /NDF: 6.1/15

Left Out: 755.316 $\pm$ 133.763 χ^2 /NDF:21.3/24

Right Out: -1023.052 $\pm$ 208.229 χ^2 /NDF: 12.4/17

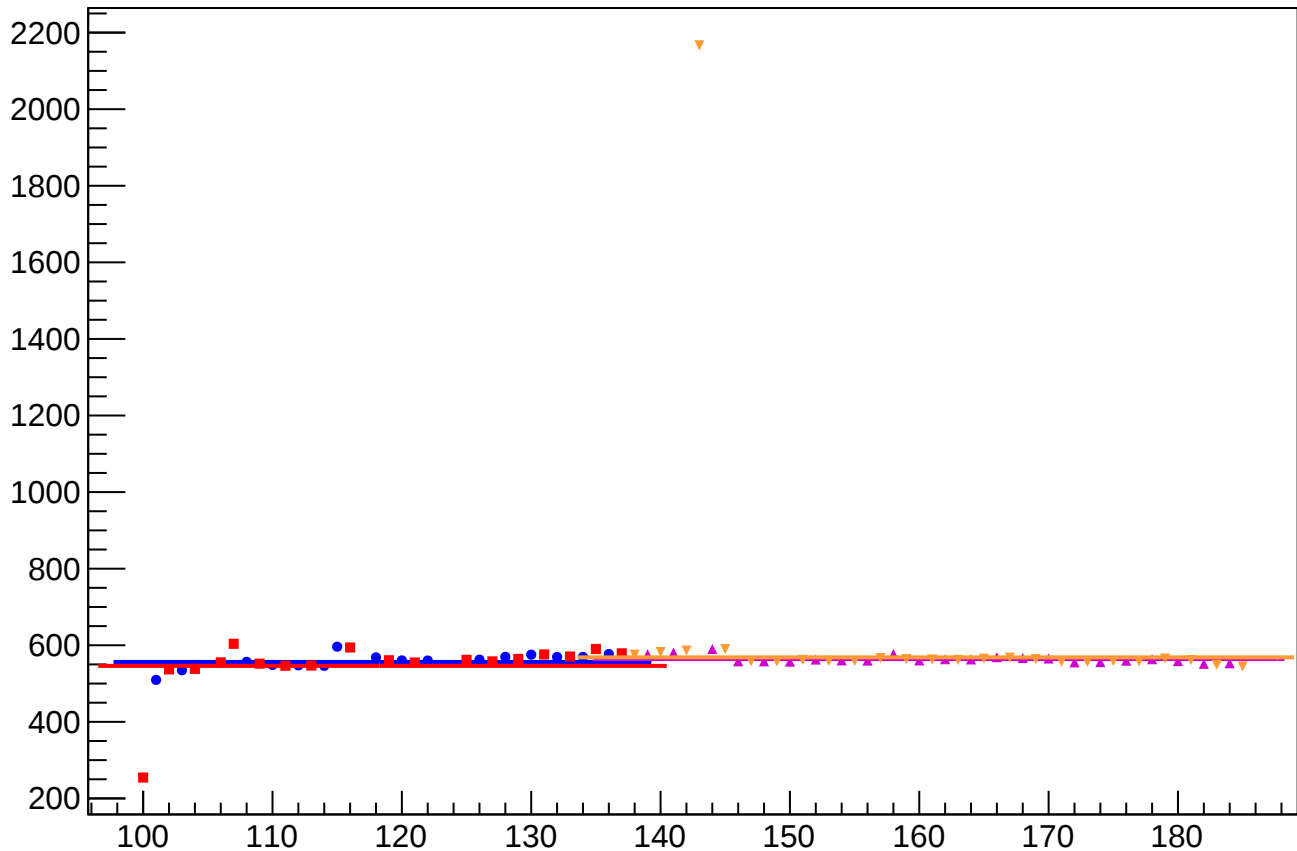
Left In: -958.517 $\pm$ 134.824 χ^2 /NDF:26.8/22

+ sign 780.193 $\pm$ 113.795 χ^2 /NDF: 27.5/40

All: -103.511 $\pm$ 80.244 χ^2 /NDF: 186.7/81

- sign -977.580 $\pm$ 113.173 χ^2 /NDF: 39.3/40

reg_asym_left_dd_rms vs Slug



Right In: 556.437+/-0.153 χ^2/NDF : 18580.5/15

Left Out: 568.404+/-0.095 χ^2/NDF : 854004.7/24

Right Out: 546.163+/-0.147 χ^2/NDF : 208134.5/17

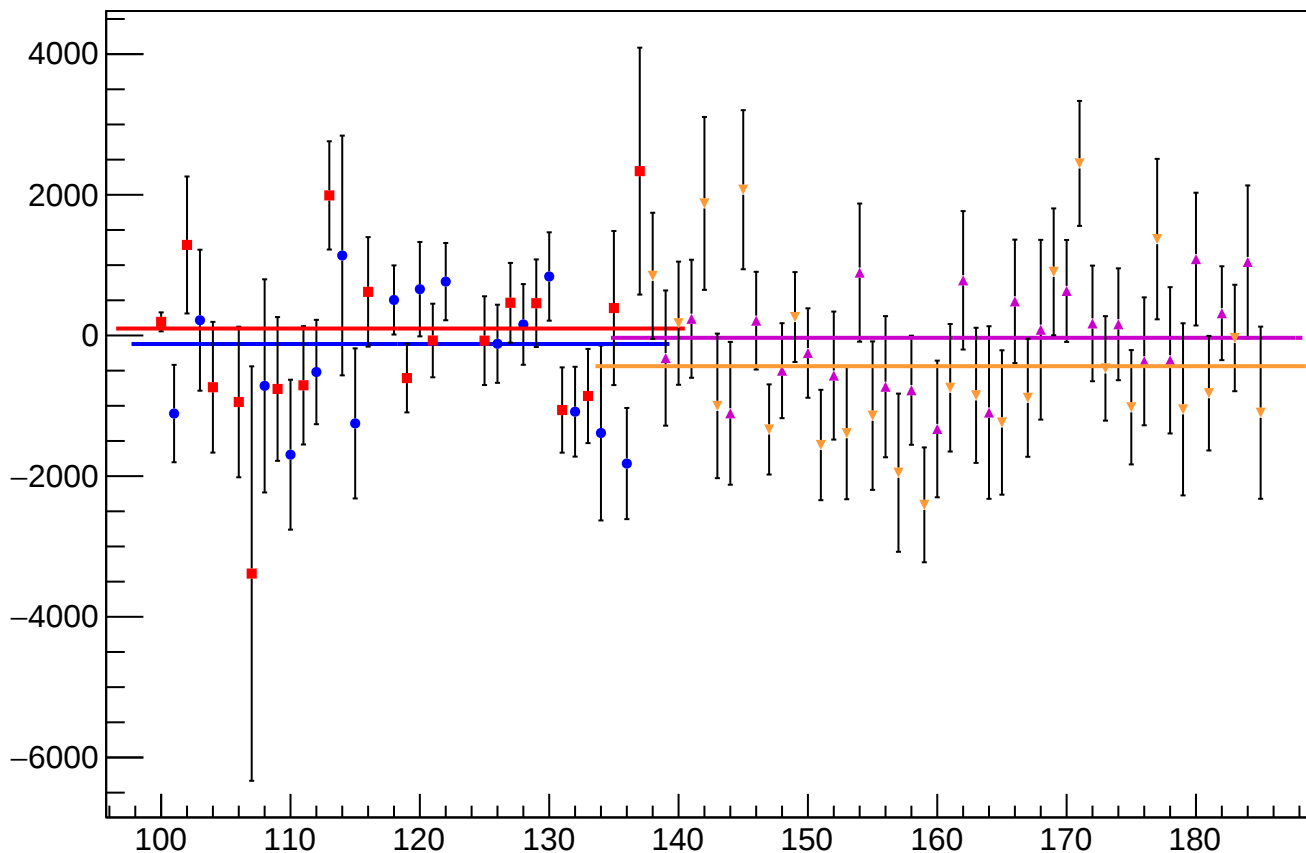
Left In: 563.934+/-0.095 χ^2/NDF : 9204.6/22

+ sign 565.098+/-0.080 χ^2/NDF : 877007.9/40

All: 561.874+/-0.057 χ^2/NDF : 1107805.0/81

- sign 558.685+/-0.080 χ^2/NDF : 227603.0/40

asym_left_dd_correction_mean vs Slug



Right In: -121.208+/-180.699 χ^2/NDF : 22.5/15

Left Out: -436.865+/-177.836 χ^2/NDF : 43.6/24

Right Out: 98.790+/-107.853 χ^2/NDF : 23.7/17

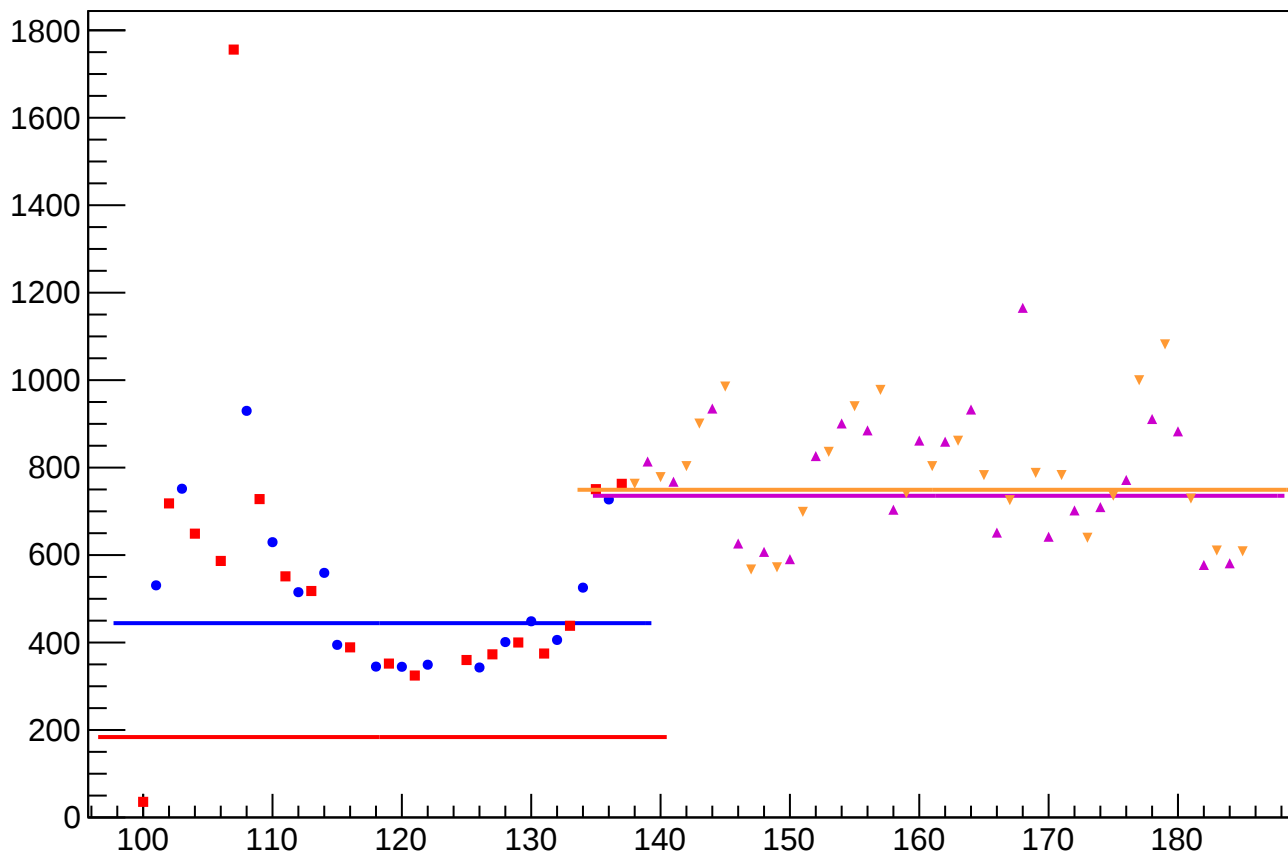
Left In: -33.325+/-179.355 χ^2/NDF : 12.1/22

+ sign -281.557+/-126.749 χ^2/NDF : 67.7/40

All: -56.156+/-74.681 χ^2/NDF : 108.7/81

- sign 63.704+/-92.428 χ^2/NDF : 36.2/40

asym_left_dd_correction_rms vs Slug



Right In: 444.298 ± 0.128 χ^2/NDF : 1052547.8/15

Left Out: 749.289 ± 0.126 χ^2/NDF : 1054385.9/24

Right Out: 183.834 ± 0.076 χ^2/NDF : 8072183.4/17

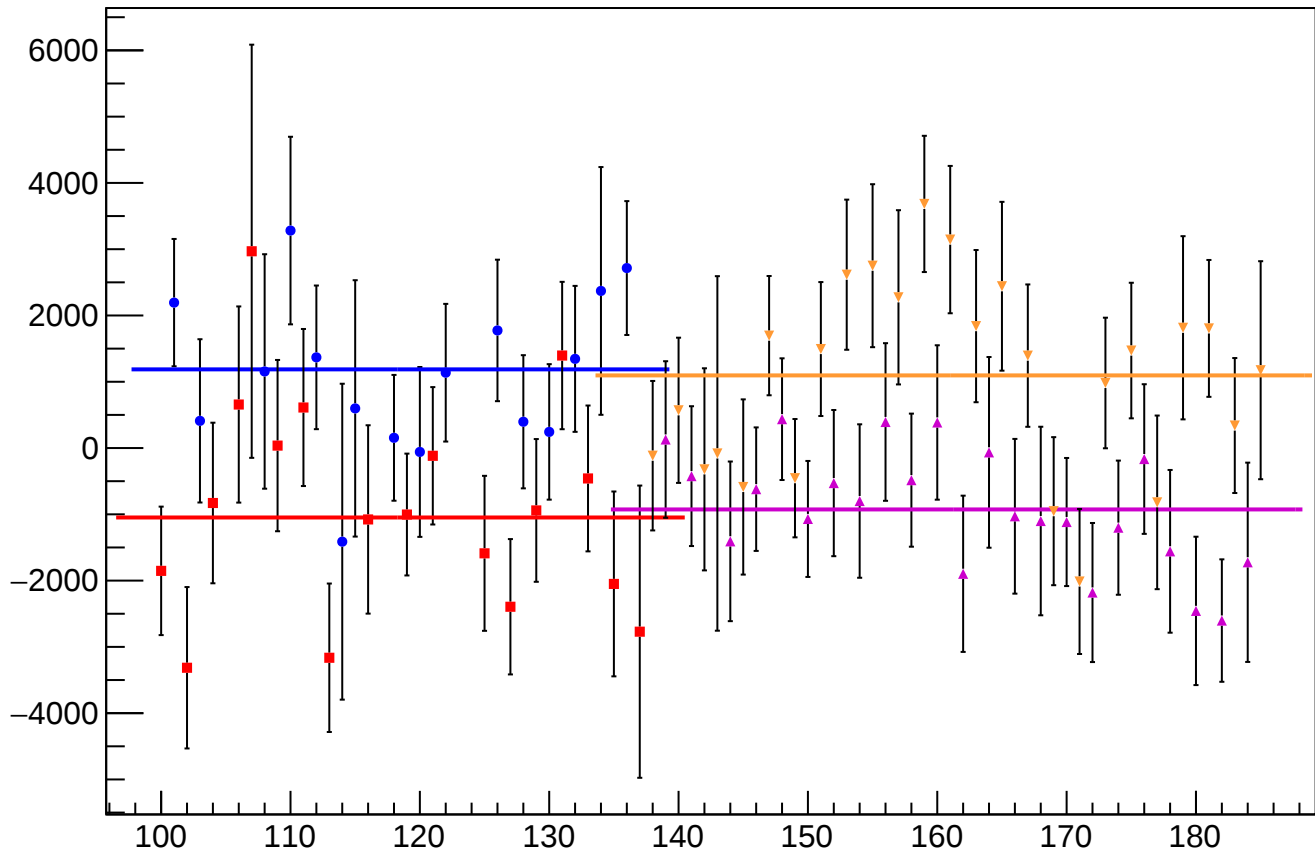
Left In: 735.543 ± 0.127 χ^2/NDF : 1105222.3/22

+ sign 599.229 ± 0.090 χ^2/NDF : 5001232.6/40

All: 423.695 ± 0.053 χ^2/NDF : 33952904.8/83

- sign 330.352 ± 0.065 χ^2/NDF : 23076032.6/40

asym_left_dd_mean vs Slug



Right In: 1186.962 $\pm$ 295.897 χ^2 /NDF: 11.6/15

Left Out: 1096.004 $\pm$ 227.904 χ^2 /NDF: 38.5/24

Right Out: -1047.656 $\pm$ 281.637 χ^2 /NDF: 22.4/17

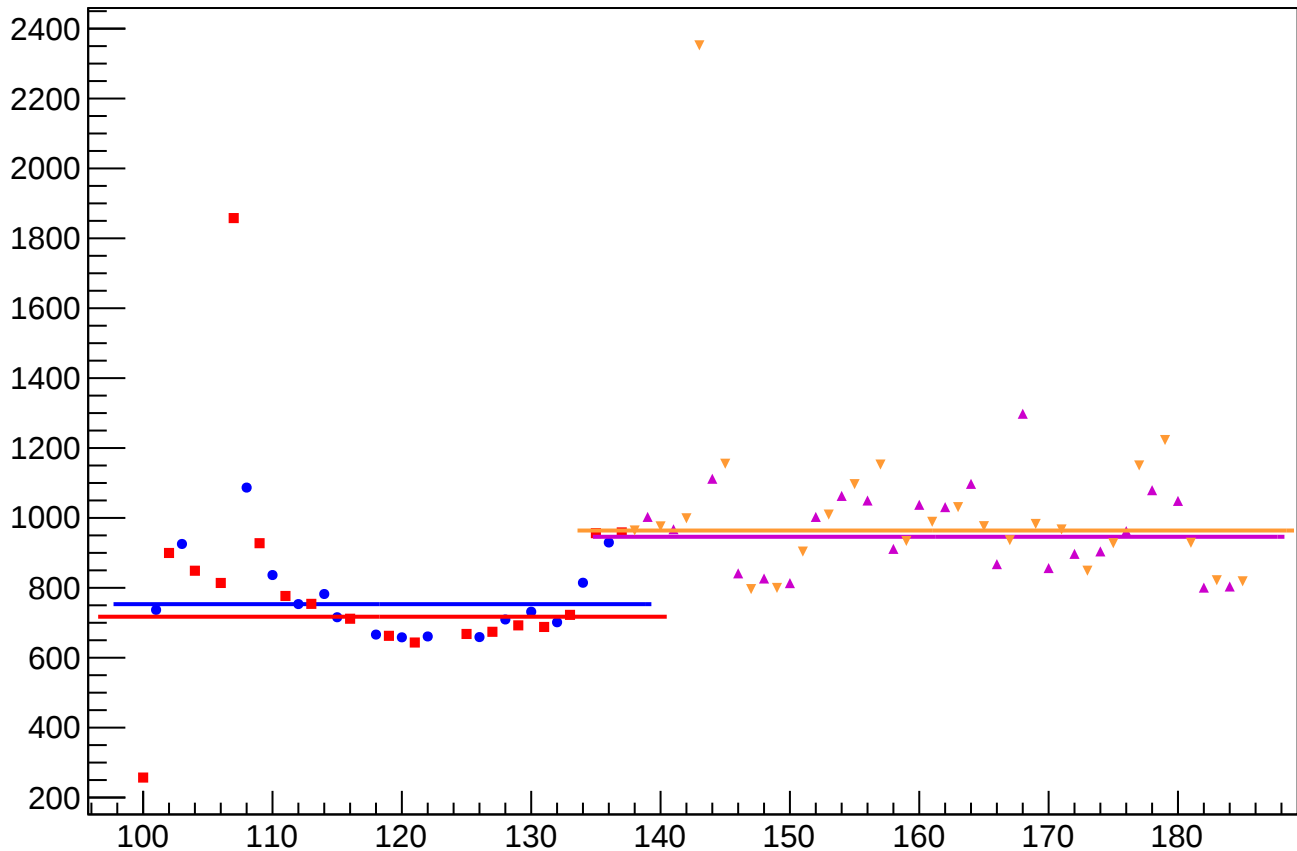
Left In: -926.281 $\pm$ 228.196 χ^2 /NDF: 15.1/22

+ sign 1129.872 $\pm$ 180.556 χ^2 /NDF: 50.1/40

All: 58.607 $\pm$ 126.506 χ^2 /NDF: 157.0/81

- sign -974.384 $\pm$ 177.301 χ^2 /NDF: 37.7/40

asym_left_dd_rms vs Slug



Right In: 753.290+/-0.209 χ^2/NDF : 250330.3/15

Left Out: 963.959+/-0.161 χ^2/NDF :1003052.6/24

Right Out: 717.327+/-0.199 χ^2/NDF : 965686.8/17

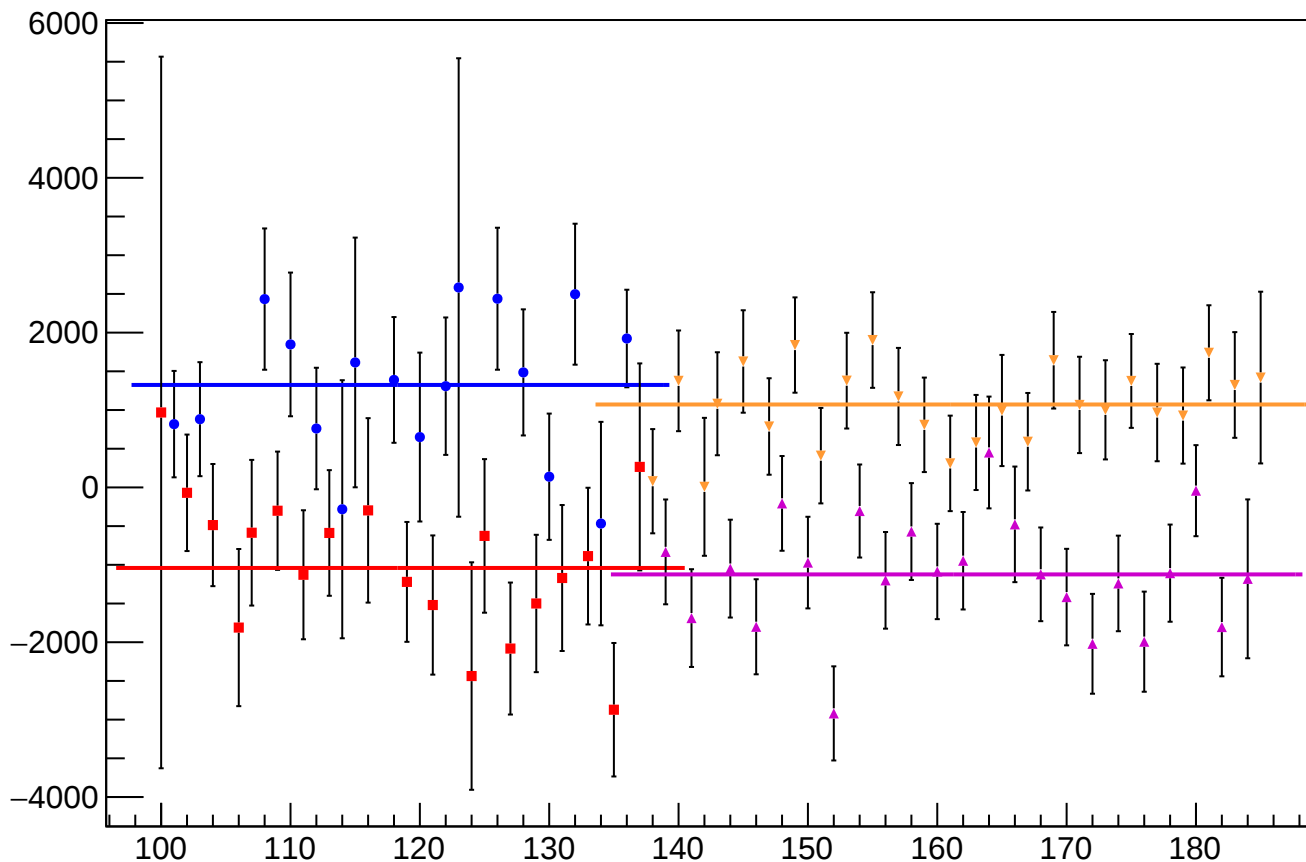
Left In: 946.041+/-0.161 χ^2/NDF :501442.7/22

+ sign 885.518+/-0.128 χ^2/NDF : 1889695.8/40

All: 870.184+/-0.089 χ^2/NDF : 4181399.8/81

- sign 855.397+/-0.125 χ^2/NDF : 2263367.5/40

reg_asym_right_avg_mean vs Slug



Right In: 1324.051 $\pm$ 218.600 χ^2 /NDF: 12.8/16

Left Out: 1071.517 $\pm$ 129.706 χ^2 /NDF:15.1/24

Right Out: -1040.501 $\pm$ 212.080 χ^2 /NDF: 13.5/18

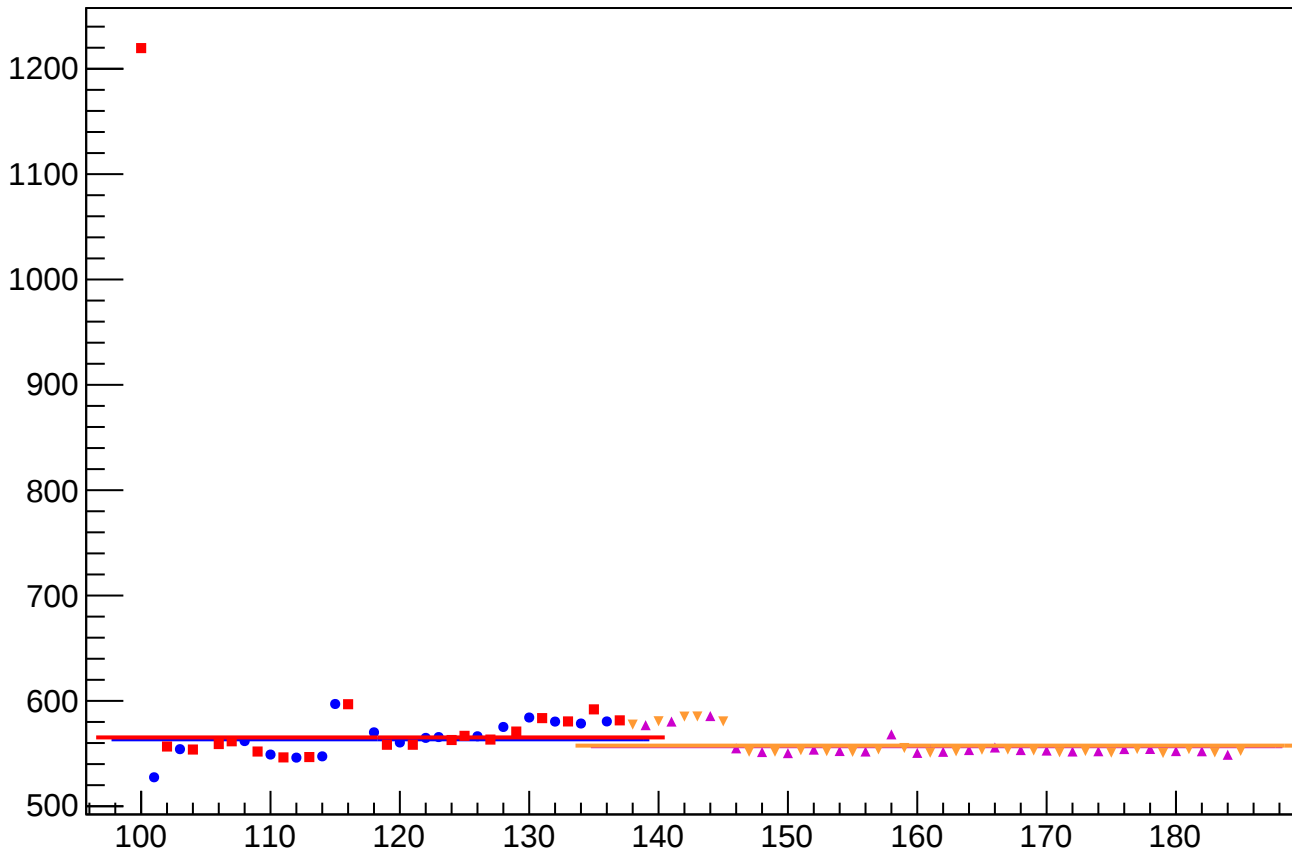
Left In: -1123.857 $\pm$ 133.163 χ^2 /NDF:30.0/22

+ sign 1137.274 $\pm$ 111.548 χ^2 /NDF: 28.8/41

All: 30.737 $\pm$ 79.307 χ^2 /NDF: 271.4/83

- sign -1100.286 $\pm$ 112.775 χ^2 /NDF: 43.6/41

reg_asym_right_avg_rms vs Slug



Right In: 563.522 $\pm$ 0.155 χ^2 /NDF: 12614.9/16

Left Out: 557.534 $\pm$ 0.092 χ^2 /NDF:14754.9/24

Right Out: 565.327 $\pm$ 0.150 χ^2 /NDF: 49346.9/18

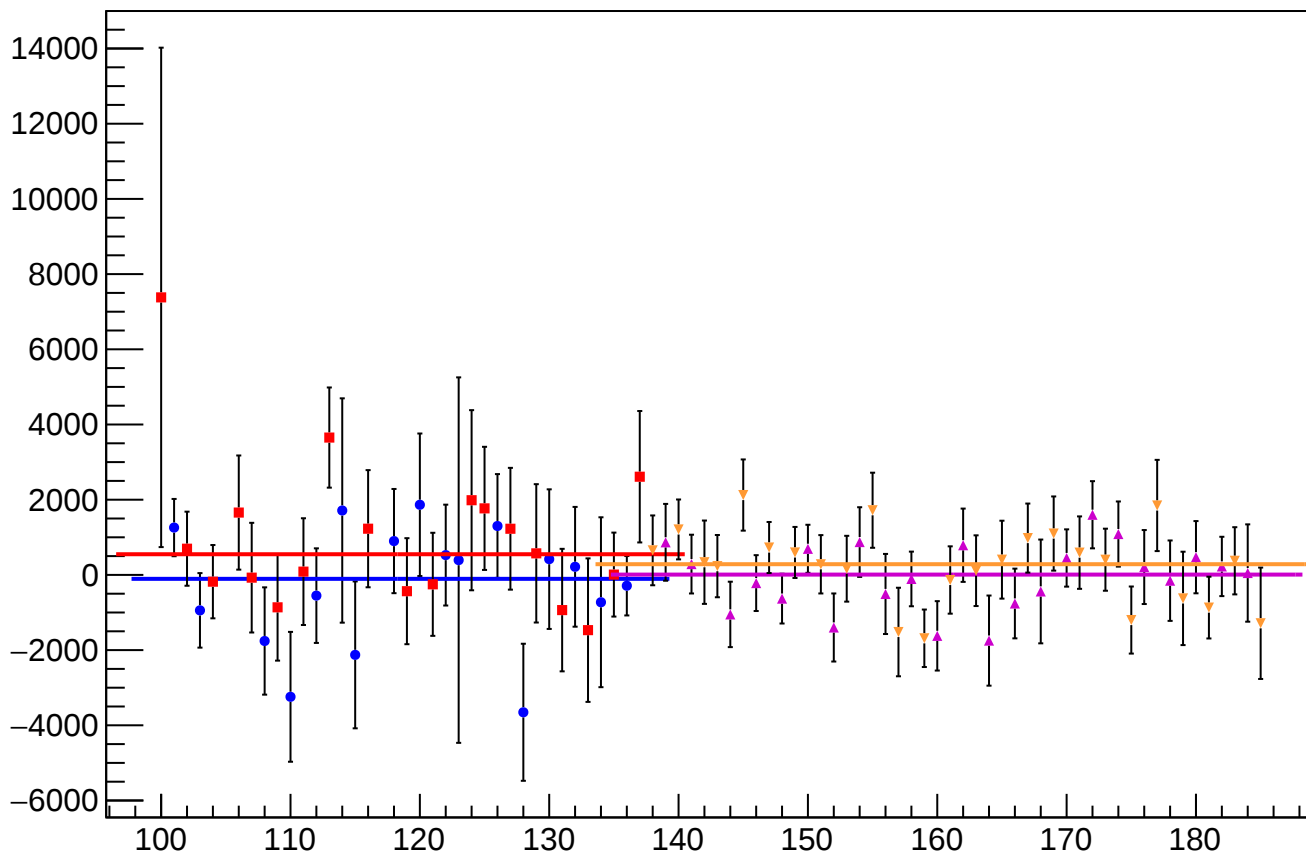
Left In: 556.969 $\pm$ 0.094 χ^2 /NDF:11209.7/22

+ sign 559.093 $\pm$ 0.079 χ^2 /NDF: 28479.8/41

All: 559.211 $\pm$ 0.056 χ^2 /NDF: 91269.0/83

- sign 559.332 $\pm$ 0.080 χ^2 /NDF: 62784.6/41

asym_right_avg_correction_mean vs Slug



Right In: -104.813 ± 328.267 χ^2/NDF : 17.0/16

Left Out: 284.648 ± 180.442 χ^2/NDF : 26.7/24

Right Out: 549.627 ± 332.981 χ^2/NDF : 14.6/18

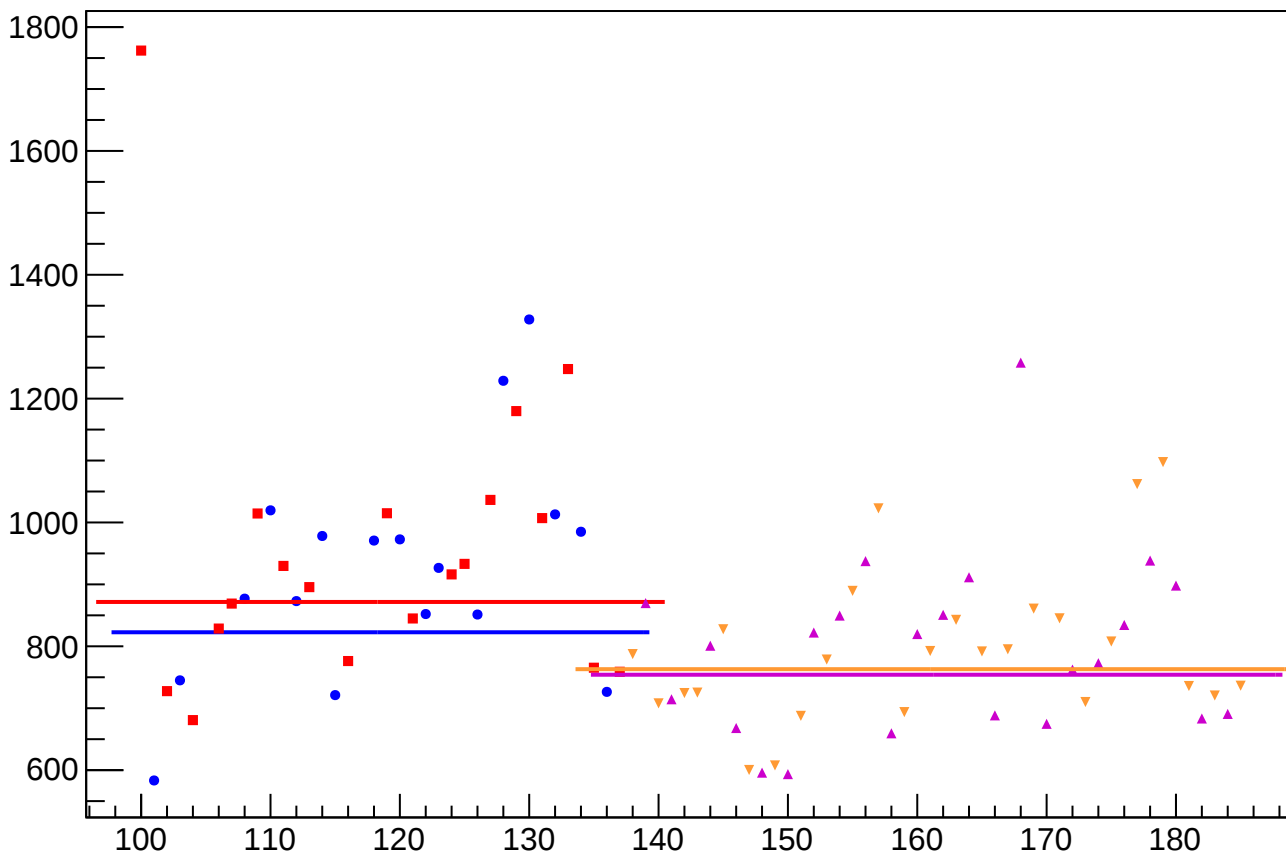
Left In: 8.211 ± 183.382 χ^2/NDF : 20.2/22

+ sign 194.278 ± 158.127 χ^2/NDF : 44.9/41

All: 164.715 ± 112.688 χ^2/NDF : 81.7/83

- sign 134.208 ± 160.632 χ^2/NDF : 36.8/41

asym_right_avg_correction_rms vs Slug



Right In: 822.664 $\pm$ 0.232 χ^2 /NDF: 606735.8/16

Left Out: 763.065 $\pm$ 0.128 χ^2 /NDF: 753824.2/24

Right Out: 871.621 $\pm$ 0.235 χ^2 /NDF: 408427.2/18

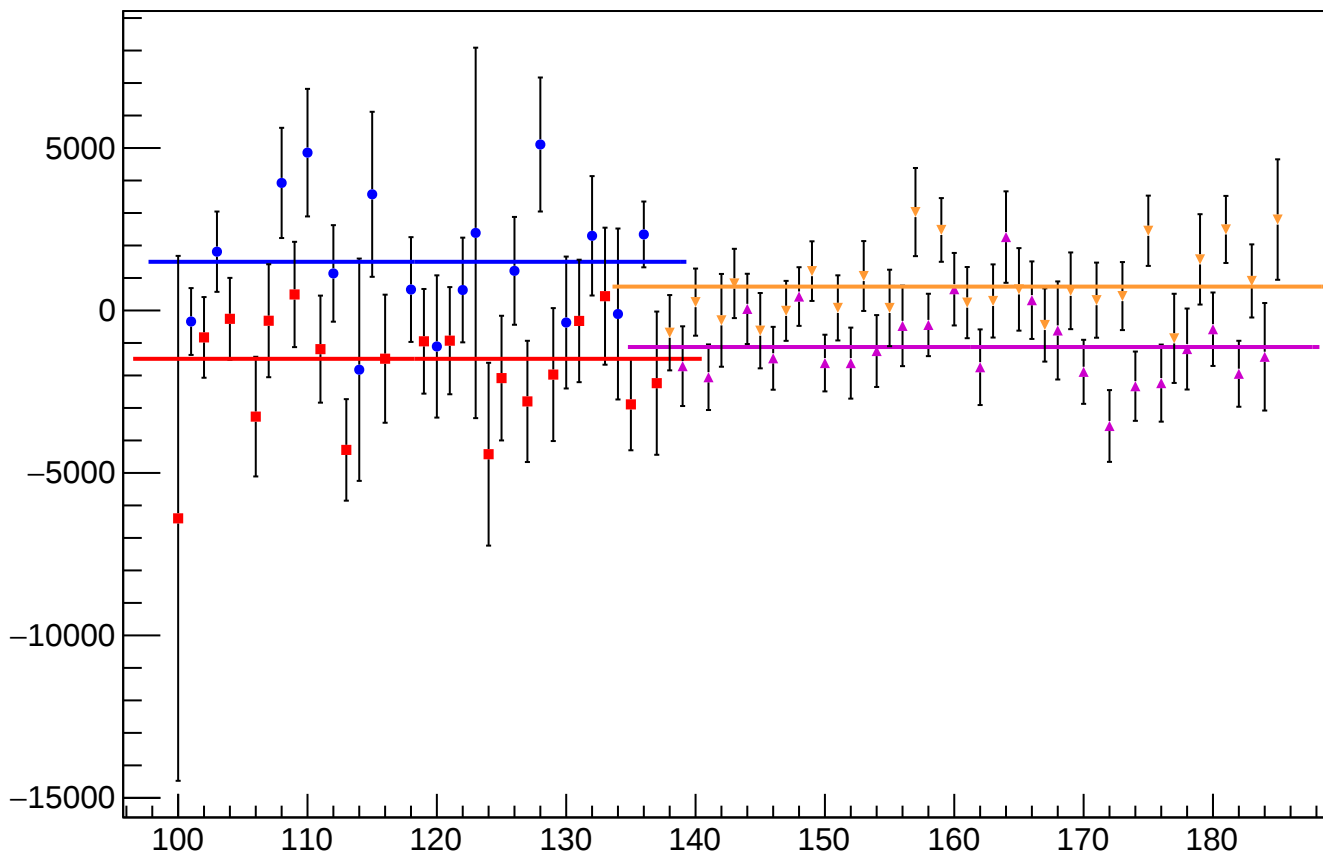
Left In: 754.099 $\pm$ 0.130 χ^2 /NDF: 931829.3/22

+ sign 776.894 $\pm$ 0.112 χ^2 /NDF: 1411188.6/41

All: 779.135 $\pm$ 0.080 χ^2 /NDF: 2943417.2/83

- sign 781.448 $\pm$ 0.114 χ^2 /NDF: 1531412.3/41

asym_right_avg_mean vs Slug



Right In: 1497.967 ± 402.667 χ^2/NDF : 17.1/16

Left Out: 734.687 ± 225.560 χ^2/NDF : 21.5/24

Right Out: -1487.754 ± 400.718 χ^2/NDF : 12.0/18

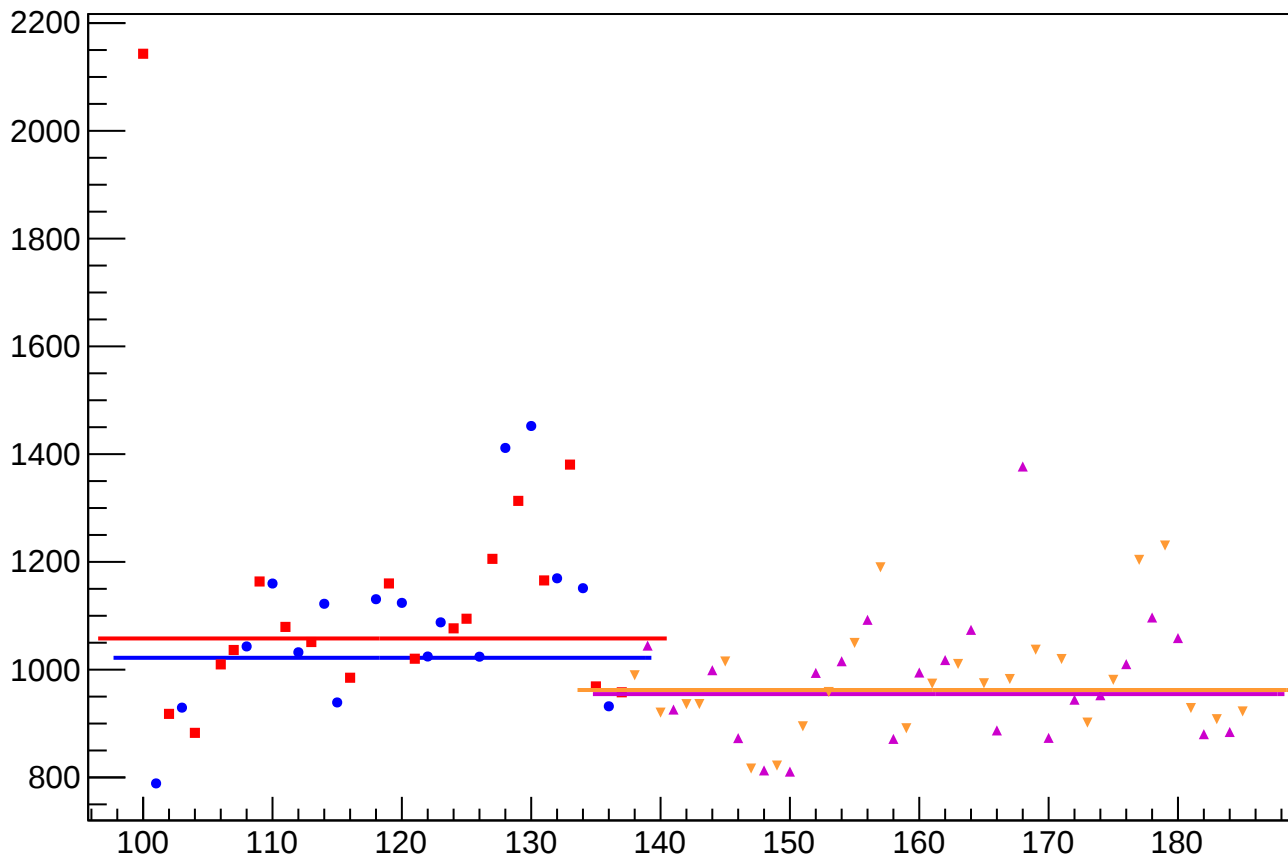
Left In: -1124.587 ± 230.065 χ^2/NDF : 25.4/22

+ sign 916.990 ± 196.789 χ^2/NDF : 41.3/41

All: -134.127 ± 140.106 χ^2/NDF : 137.2/83

- sign -1214.620 ± 199.520 χ^2/NDF : 38.0/41

asym_right_avg_rms vs Slug



Right In: 1022.011+/-0.285 χ^2/NDF : 336507.1/16

Left Out: 962.241+/-0.159 χ^2/NDF : 363023.2/24

Right Out: 1057.901+/-0.283 χ^2/NDF : 232484.1/18

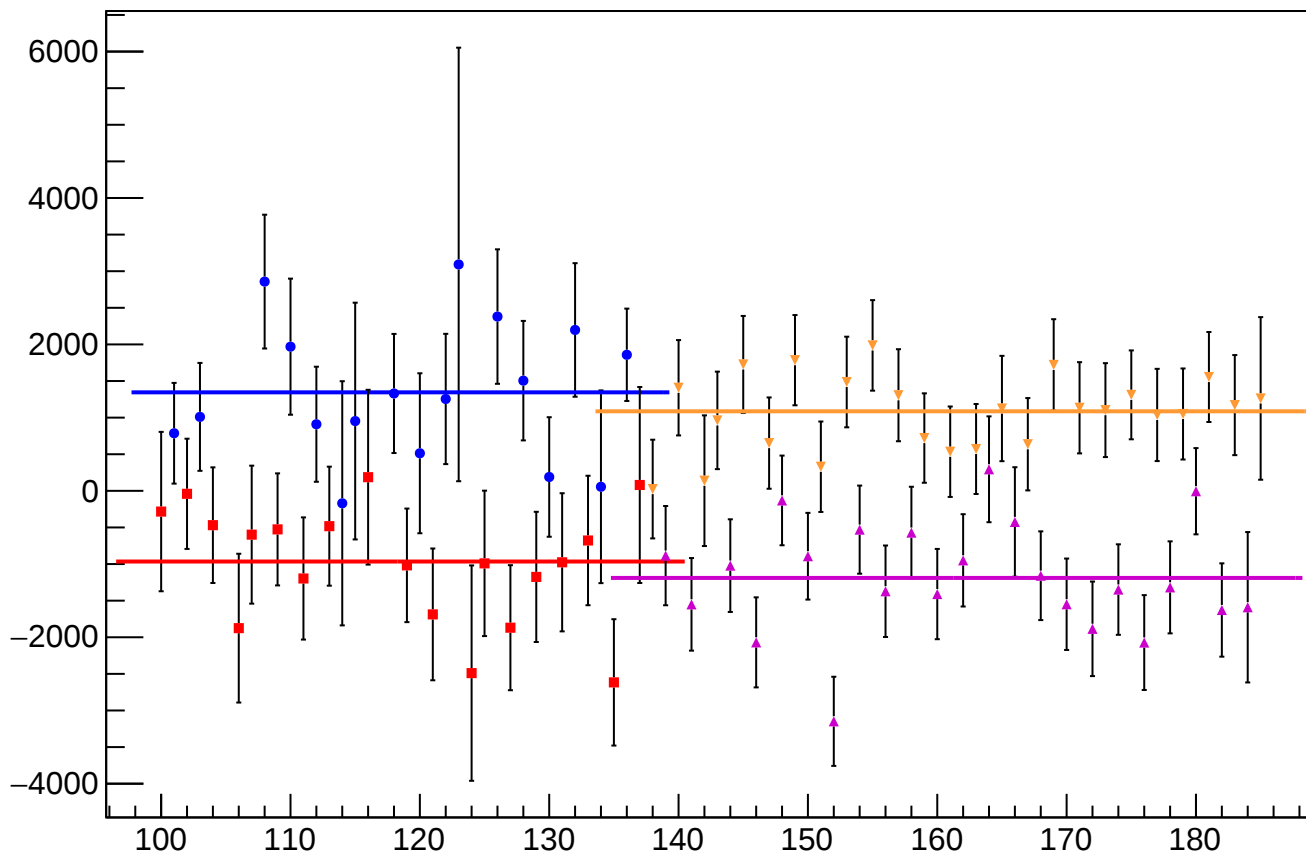
Left In: 954.643+/-0.163 χ^2/NDF : 443395.0/22

+ sign 976.517+/-0.139 χ^2/NDF : 733071.5/41

All: 978.354+/-0.099 χ^2/NDF : 1509181.0/83

- sign 980.242+/-0.141 χ^2/NDF : 775756.2/41

reg_asym_right_dd_mean vs Slug



Right In: 1345.401 $\pm$ 218.855 χ^2 /NDF: 12.0/16

Left Out: 1086.321 $\pm$ 129.838 χ^2 /NDF:14.9/24

Right Out: -965.438 $\pm$ 208.614 χ^2 /NDF: 12.2/18

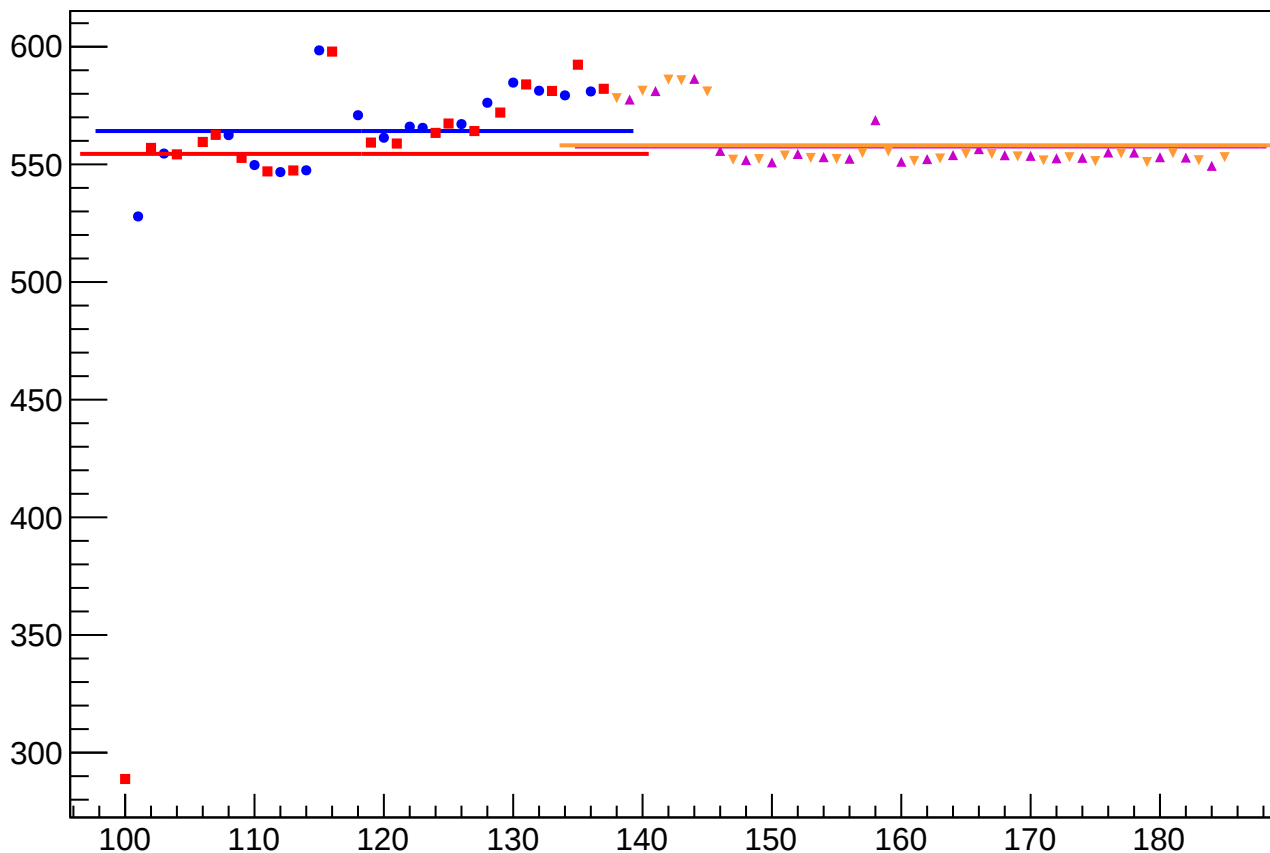
Left In: -1189.481 $\pm$ 133.313 χ^2 /NDF:32.2/22

+ sign 1153.768 $\pm$ 111.665 χ^2 /NDF: 28.0/41

All: 21.433 $\pm$ 79.195 χ^2 /NDF: 280.0/83

- sign -1124.517 $\pm$ 112.335 χ^2 /NDF: 45.2/41

reg_asym_right_dd_rms vs Slug



Right In: 564.174 $\pm$ 0.155 χ^2 /NDF: 12759.8/16

Left Out: 558.099 $\pm$ 0.092 χ^2 /NDF: 14786.9/24

Right Out: 554.462 $\pm$ 0.148 χ^2 /NDF: 132390.5/18

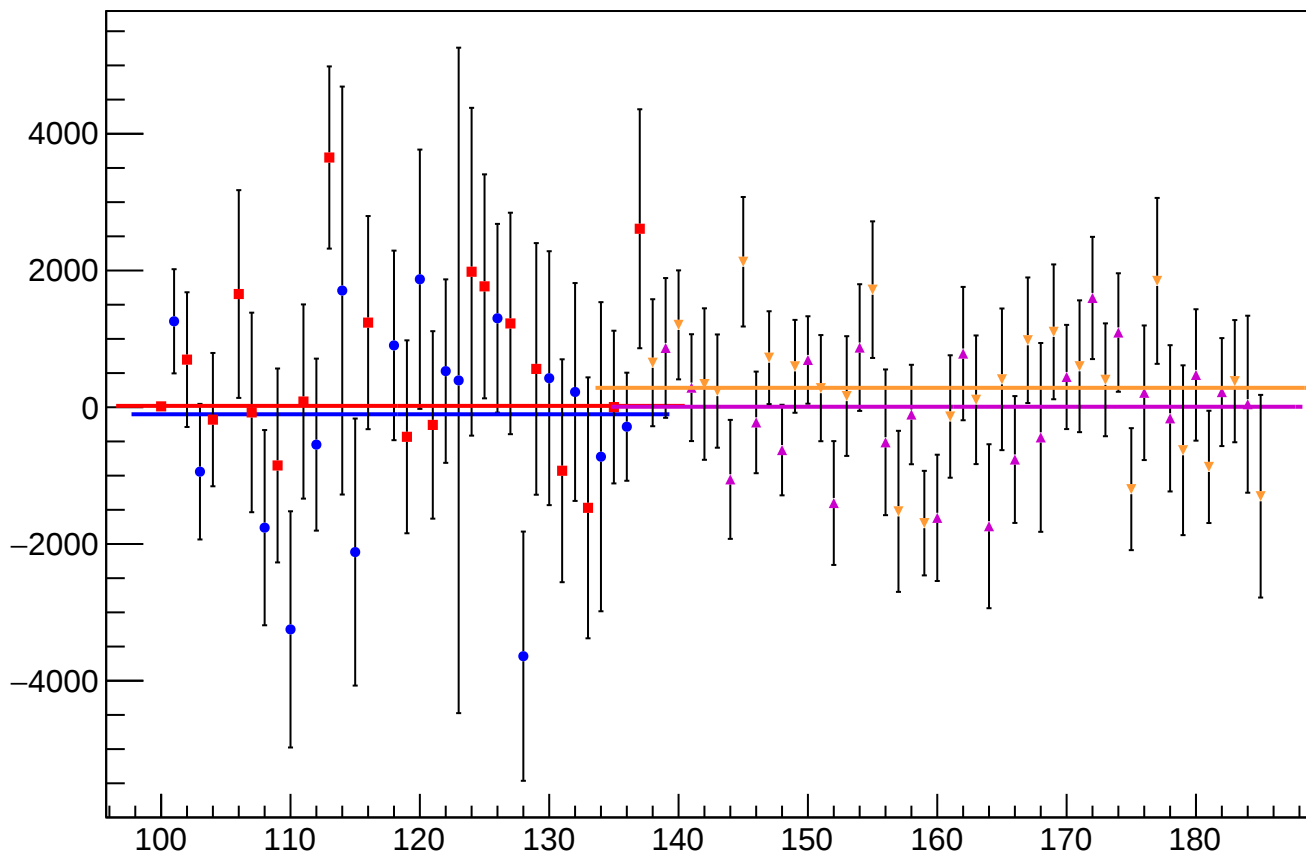
Left In: 557.597 $\pm$ 0.094 χ^2 /NDF: 11276.8/22

+ sign 559.680 $\pm$ 0.079 χ^2 /NDF: 28686.9/41

All: 558.193 $\pm$ 0.056 χ^2 /NDF: 173388.6/83

- sign 556.688 $\pm$ 0.079 χ^2 /NDF: 143987.8/41

asym_right_dd_correction_mean vs Slug



Right In: -102.542 ± 328.366 χ^2/NDF : 17.0/16

Left Out: 284.181 ± 180.496 χ^2/NDF : 26.8/24

Right Out: 20.080 ± 38.955 χ^2/NDF : 15.9/18

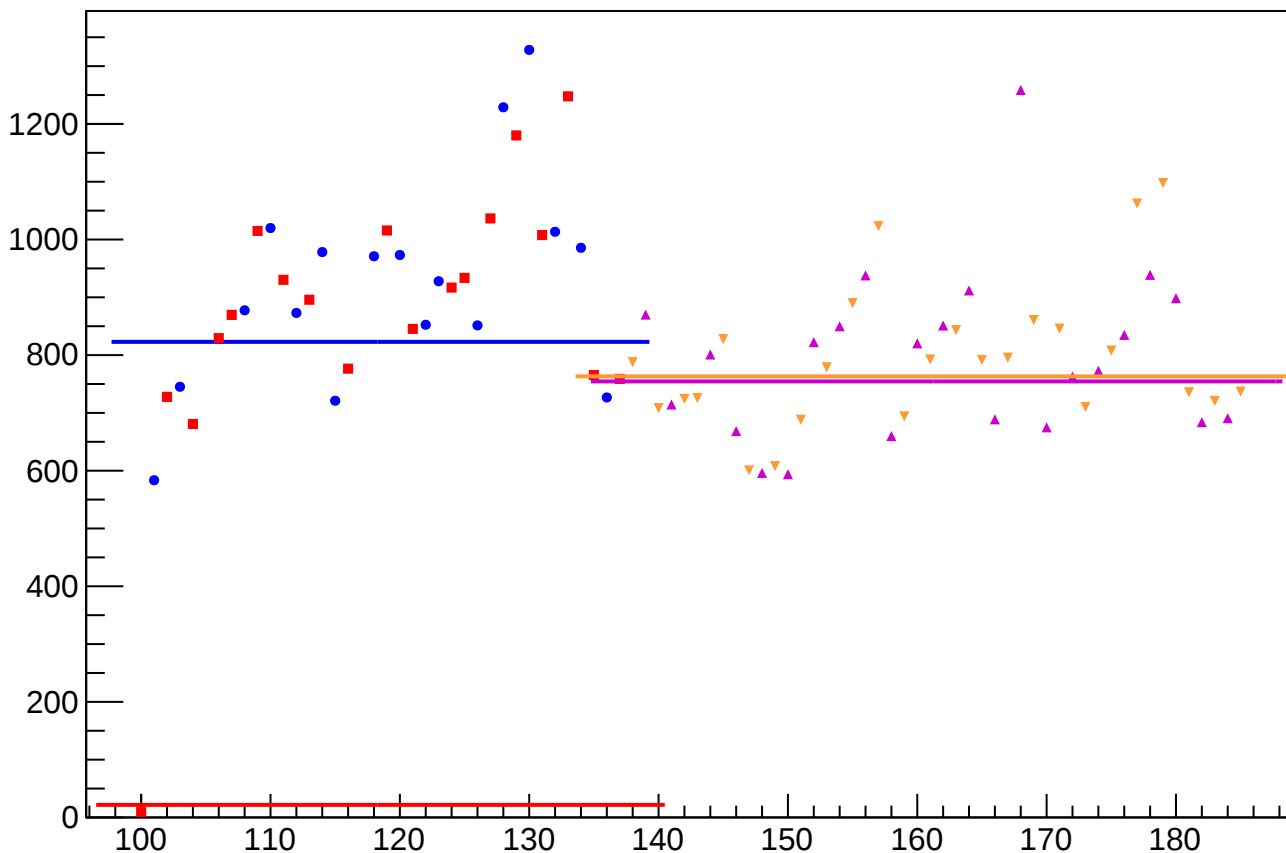
Left In: 7.306 ± 183.473 χ^2/NDF : 20.1/22

+ sign 194.447 ± 158.175 χ^2/NDF : 44.9/41

All: 29.123 ± 37.046 χ^2/NDF : 82.1/83

- sign 19.529 ± 38.106 χ^2/NDF : 36.0/41

asym_right_dd_correction_rms vs Slug



Right In: 822.915 ± 0.232 χ^2/NDF : 606659.4/16

Left Out: 763.287 ± 0.128 χ^2/NDF : 753854.3/24

Right Out: 21.771 ± 0.028 χ^2/NDF : 13478158.3/18

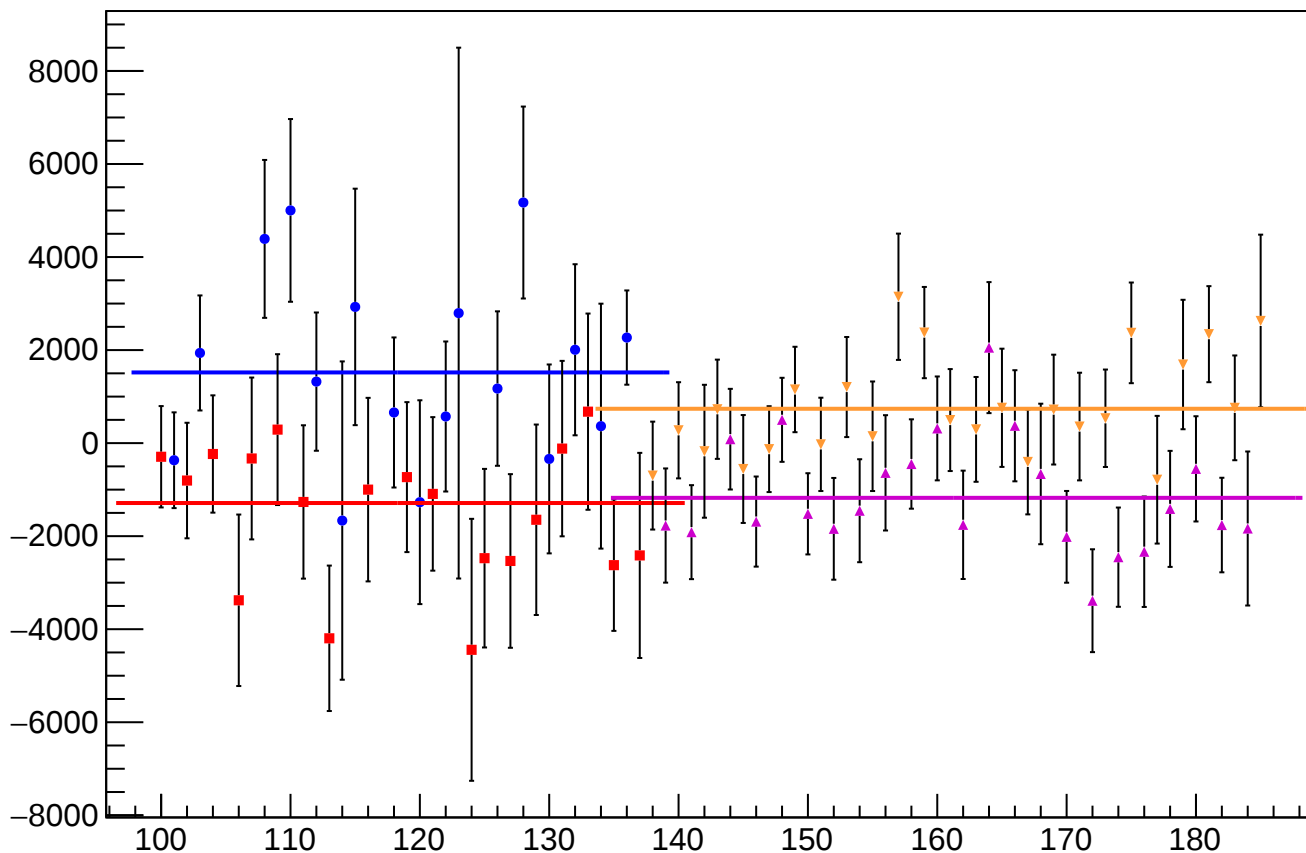
Left In: 754.483 ± 0.130 χ^2/NDF : 931536.8/22

+ sign 777.123 ± 0.112 χ^2/NDF : 1411160.4/41

All: 93.077 ± 0.026 χ^2/NDF : 85917439.4/83

- sign 53.377 ± 0.027 χ^2/NDF : 44930914.7/41

asym_right_dd_mean vs Slug



Right In: 1519.485 $\pm$ 402.890 χ^2 /NDF: 17.8/16

Left Out: 738.584 $\pm$ 225.683 χ^2 /NDF: 20.2/24

Right Out: -1287.537 $\pm$ 376.679 χ^2 /NDF: 12.4/18

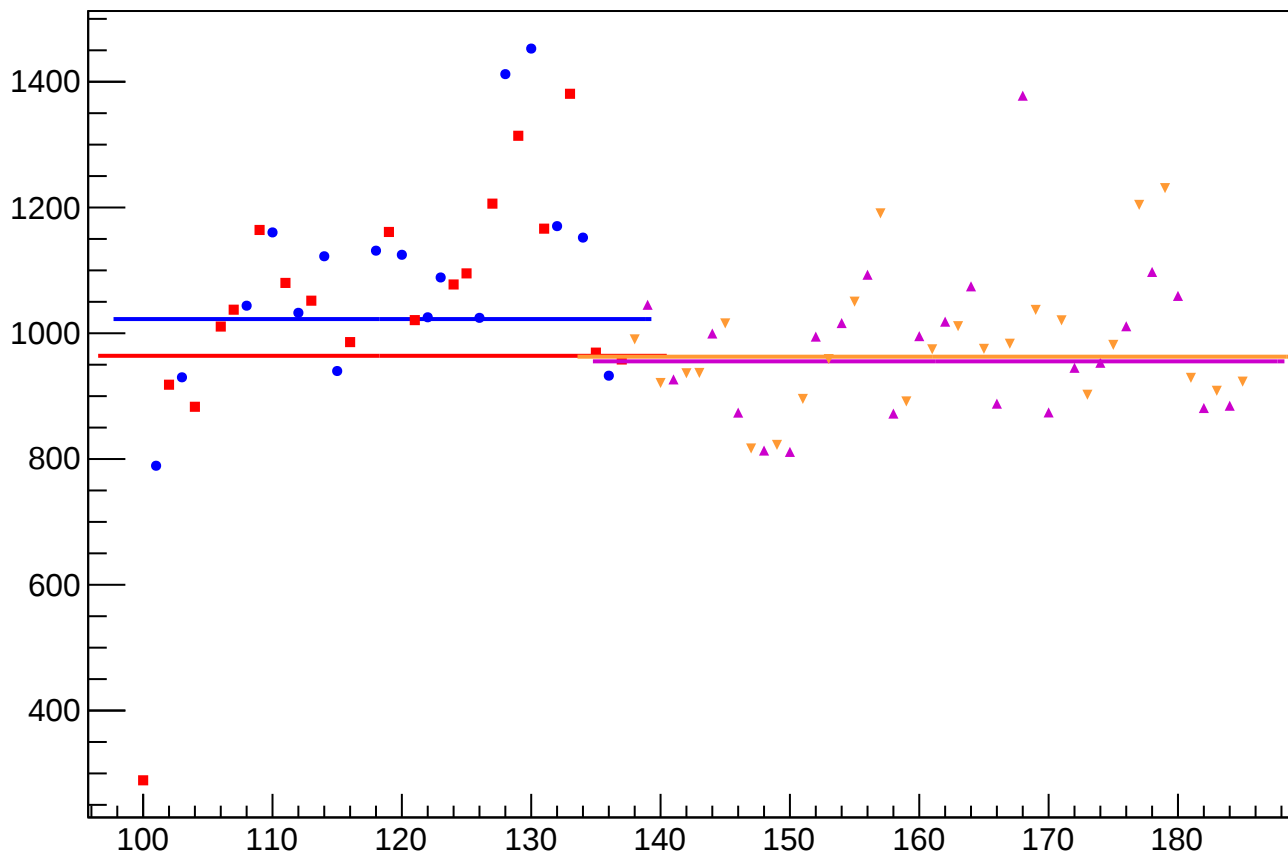
Left In: -1176.288 $\pm$ 230.229 χ^2 /NDF: 24.2/22

+ sign 925.093 $\pm$ 196.896 χ^2 /NDF: 40.9/41

All: -143.191 $\pm$ 139.066 χ^2 /NDF: 136.3/83

- sign -1206.544 $\pm$ 196.442 χ^2 /NDF: 36.6/41

asym_right_dd_rms vs Slug



Right In: 1022.583 $\pm$ 0.285 χ^2 /NDF: 336434.0/16

Left Out: 962.762 $\pm$ 0.160 χ^2 /NDF:362923.7/24

Right Out: 964.149 $\pm$ 0.266 χ^2 /NDF: 1068768.6/18

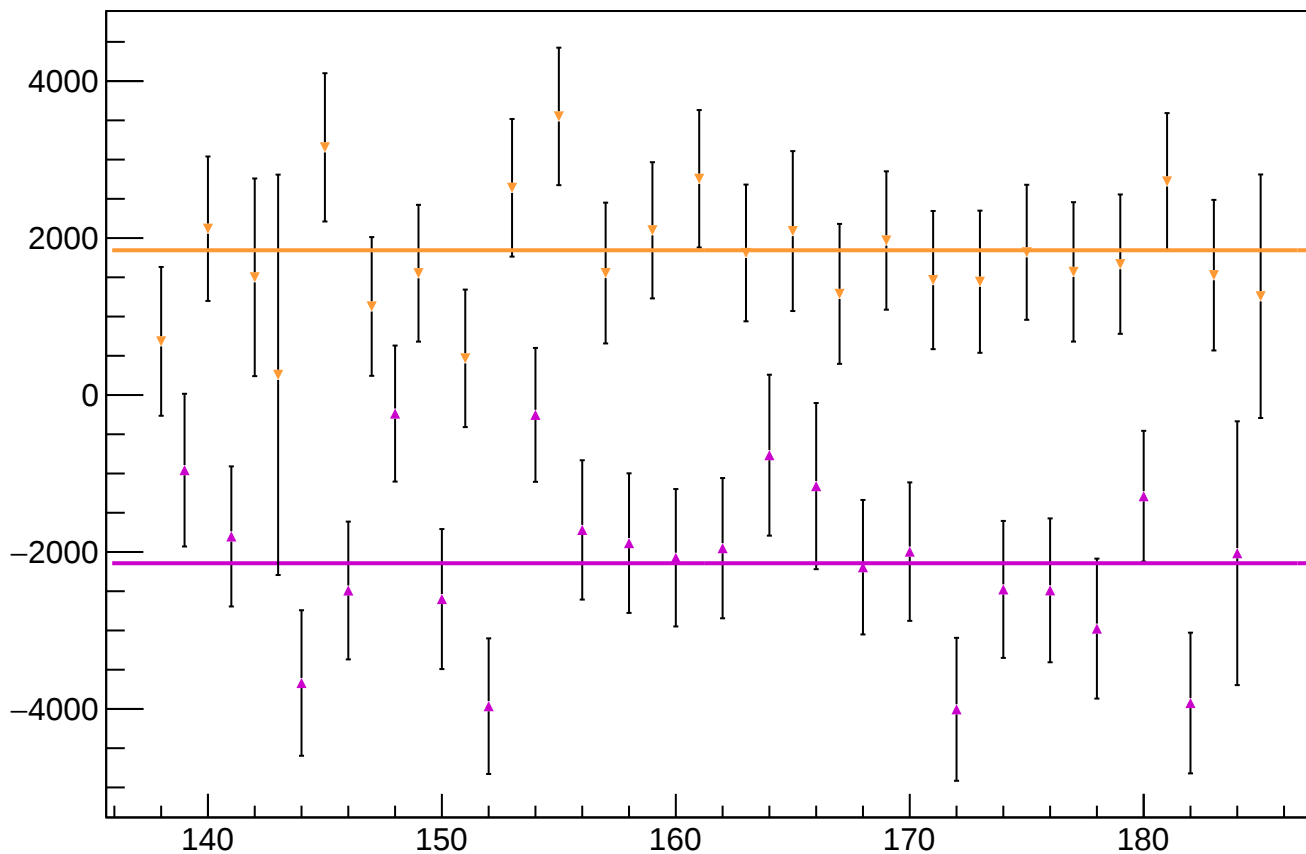
Left In: 955.331 $\pm$ 0.163 χ^2 /NDF:443068.5/22

+ sign 977.050 $\pm$ 0.139 χ^2 /NDF: 732918.8/41

All: 967.367 $\pm$ 0.098 χ^2 /NDF: 2255204.9/83

- sign 957.729 $\pm$ 0.139 χ^2 /NDF: 1512635.1/41

cor_asym_us_avg_mean vs Slug



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

Left Out: 1844.611+/-186.933 χ^2/NDF :15.4/24

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

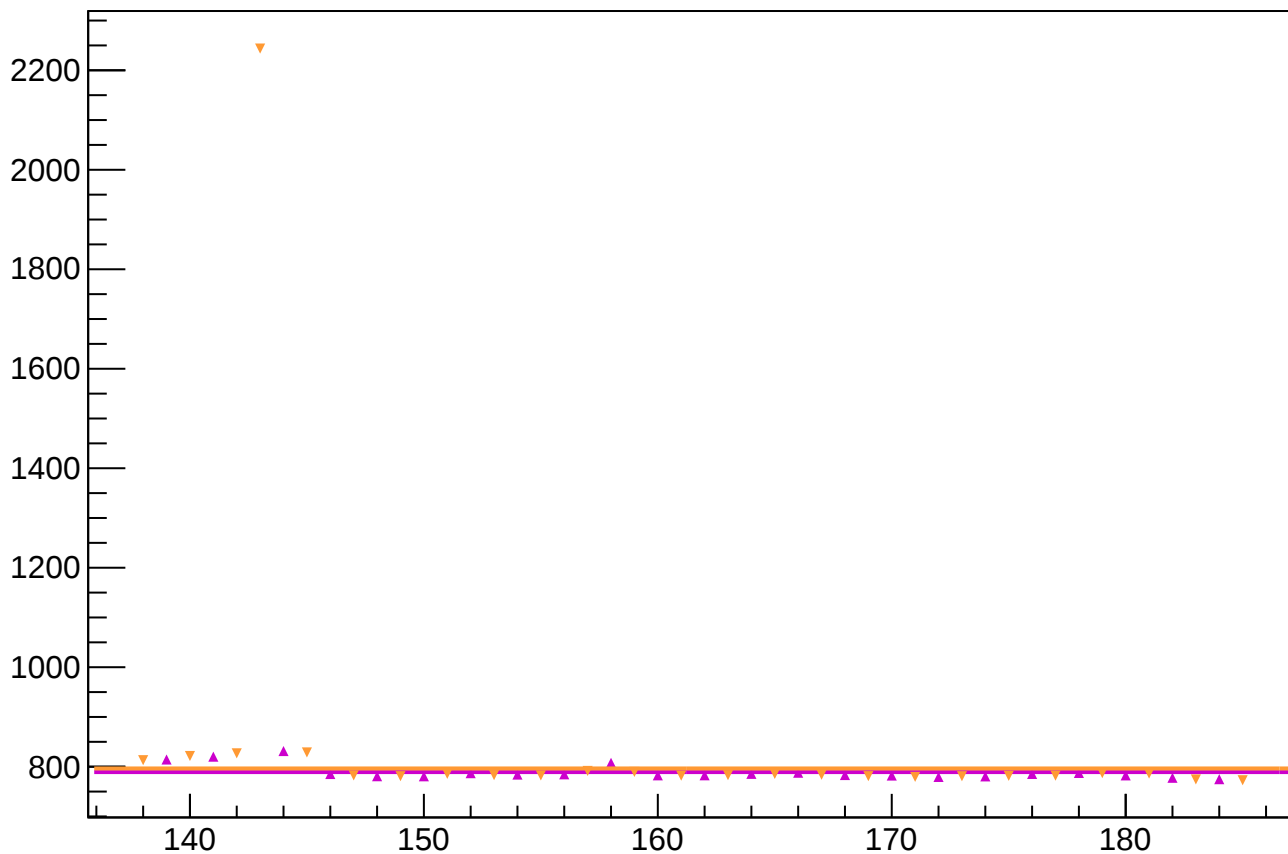
Left In: -2143.254+/-190.144 χ^2/NDF :32.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.367+/-133.302 χ^2/NDF : 271.4/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_rms vs Slug



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

Left Out: 796.473+/-0.132 χ^2/NDF : 658729.0/24

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

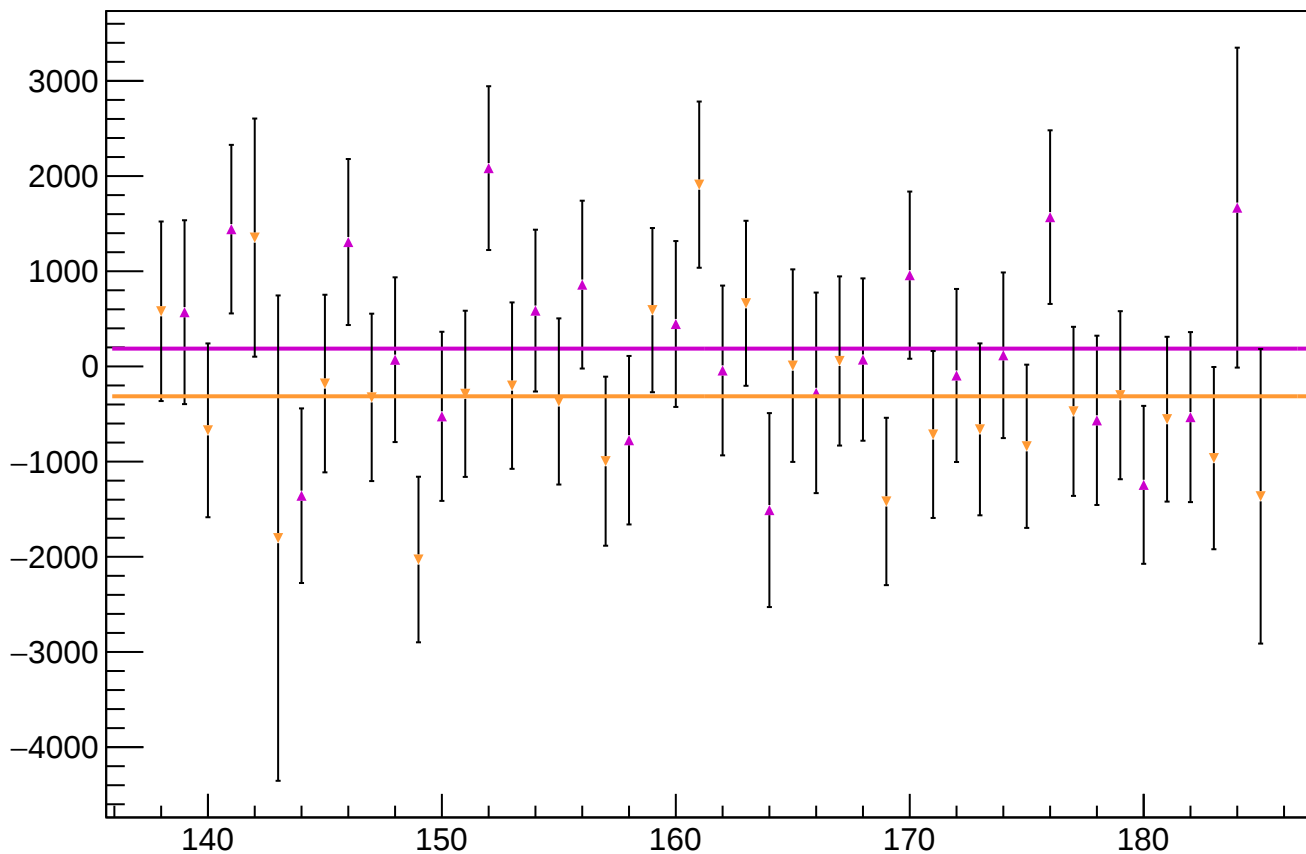
Left In: 789.176+/-0.134 χ^2/NDF : 10860.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.887+/-0.094 χ^2/NDF : 671087.1/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_mean vs Slug



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

Left Out: -313.733+/-186.070 χ^2/NDF : 20.2/24

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

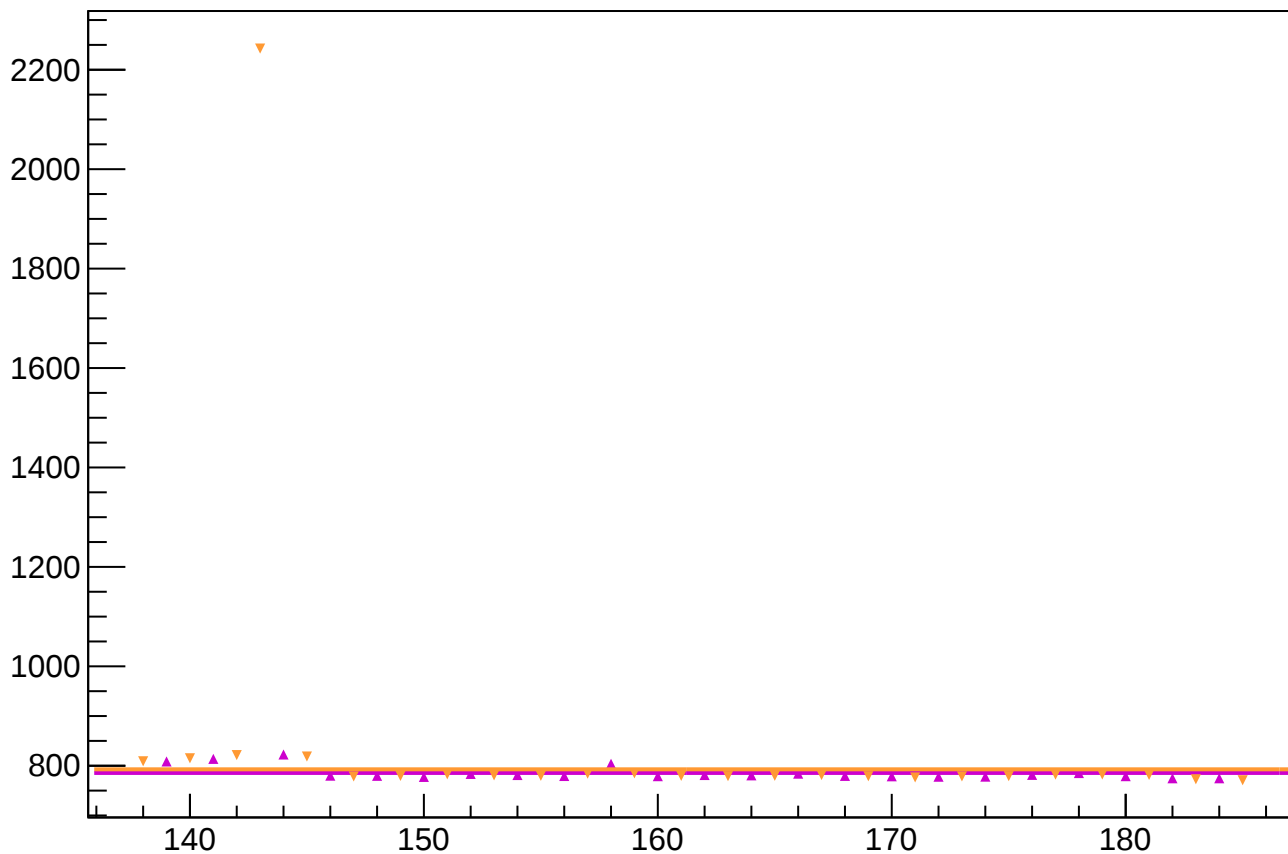
Left In: 187.105+/-189.265 χ^2/NDF : 25.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.578+/-132.687 χ^2/NDF : 49.3/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_rms vs Slug



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

Left Out: 792.815+/-0.132 χ^2/NDF : 659506.2/24

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

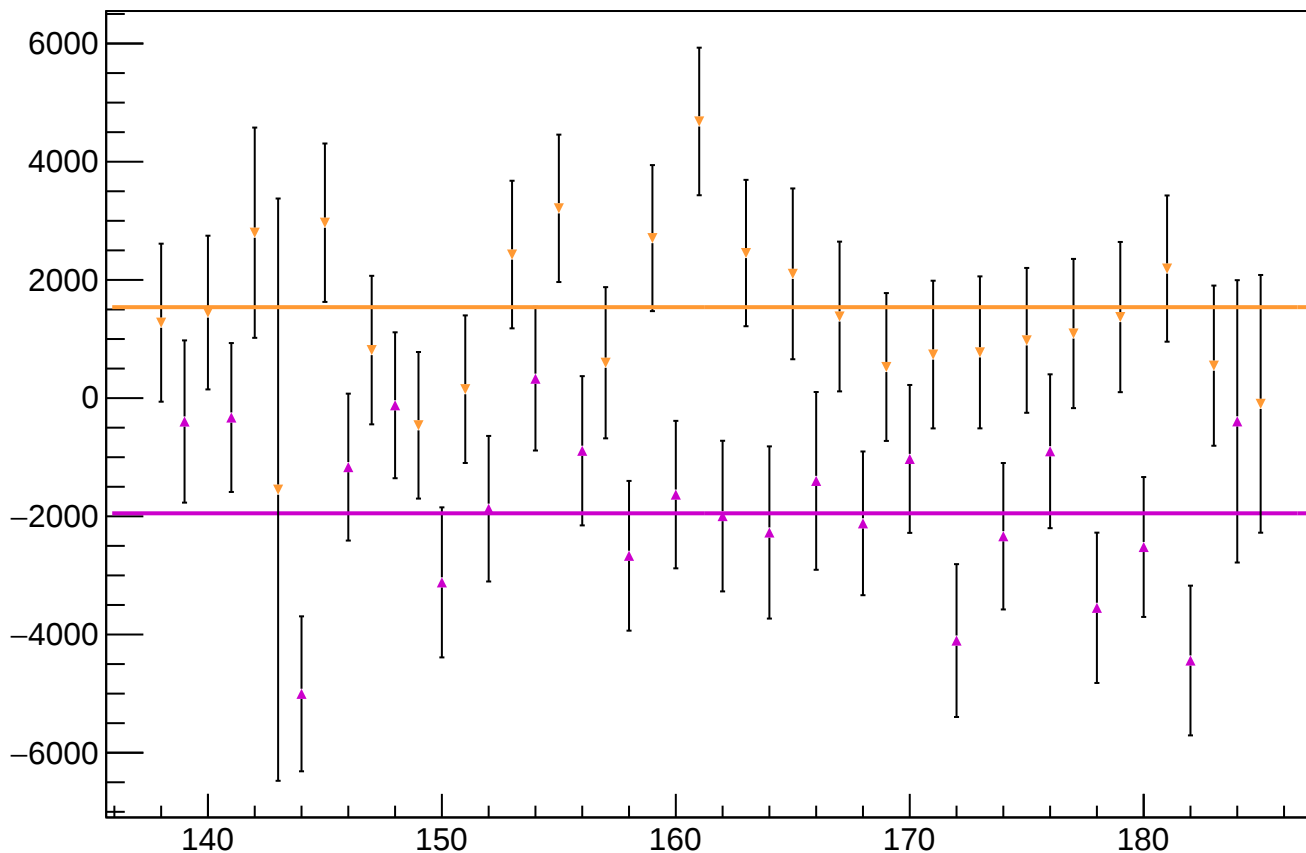
Left In: 785.562+/-0.134 χ^2/NDF : 9033.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.250+/-0.094 χ^2/NDF : 670032.7/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_mean vs Slug



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

Left Out: 1538.949+/-265.926 χ^2/NDF :20.2/24

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

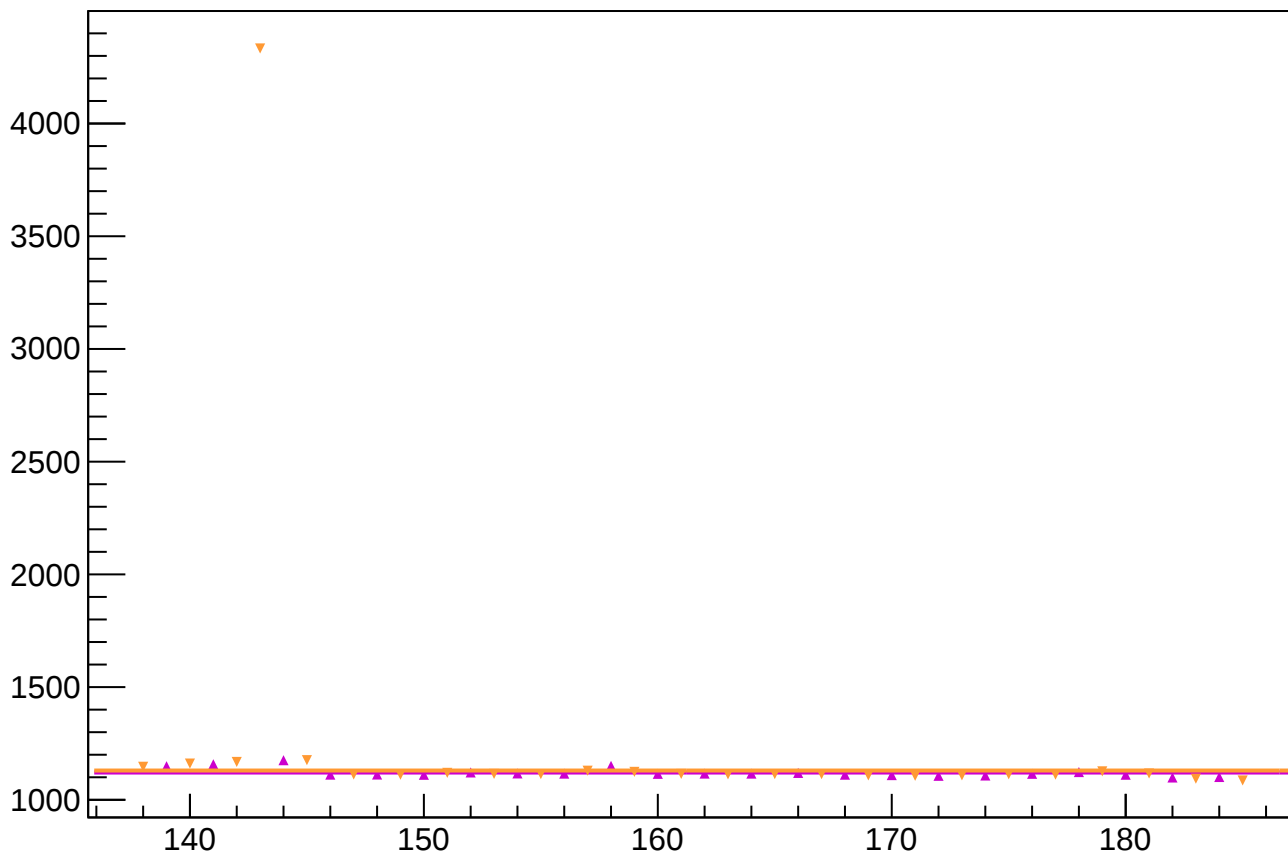
Left In: -1949.077+/-270.080 χ^2/NDF :26.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -178.035+/-189.490 χ^2/NDF : 131.6/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_rms vs Slug



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

Left Out: 1129.945+/-0.188 χ^2/NDF : 858263.3/24

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

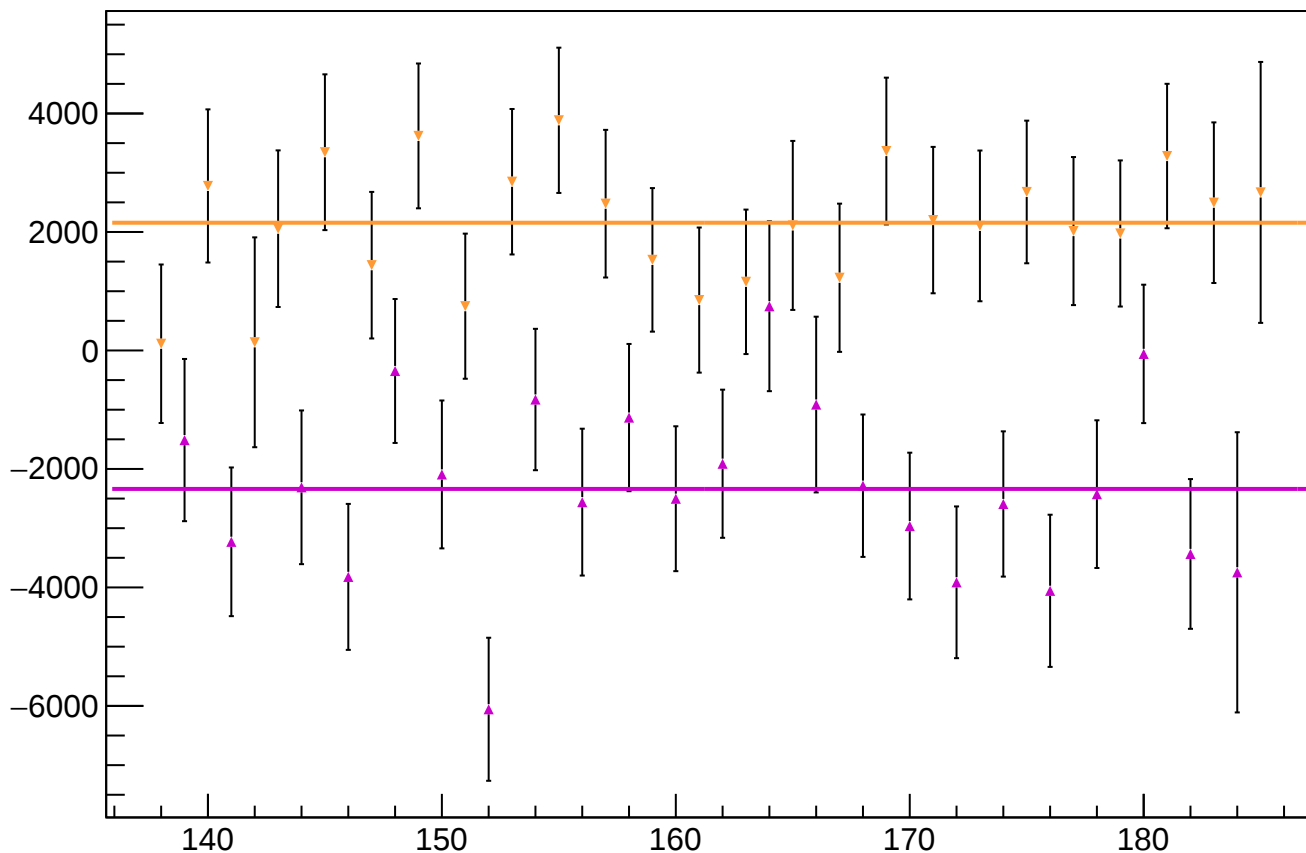
Left In: 1120.977+/-0.191 χ^2/NDF : 9259.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1125.531+/-0.134 χ^2/NDF : 868642.5/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_mean vs Slug



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

Left Out: 2156.466 $\pm$ 257.558 χ^2/NDF :14.9/24

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

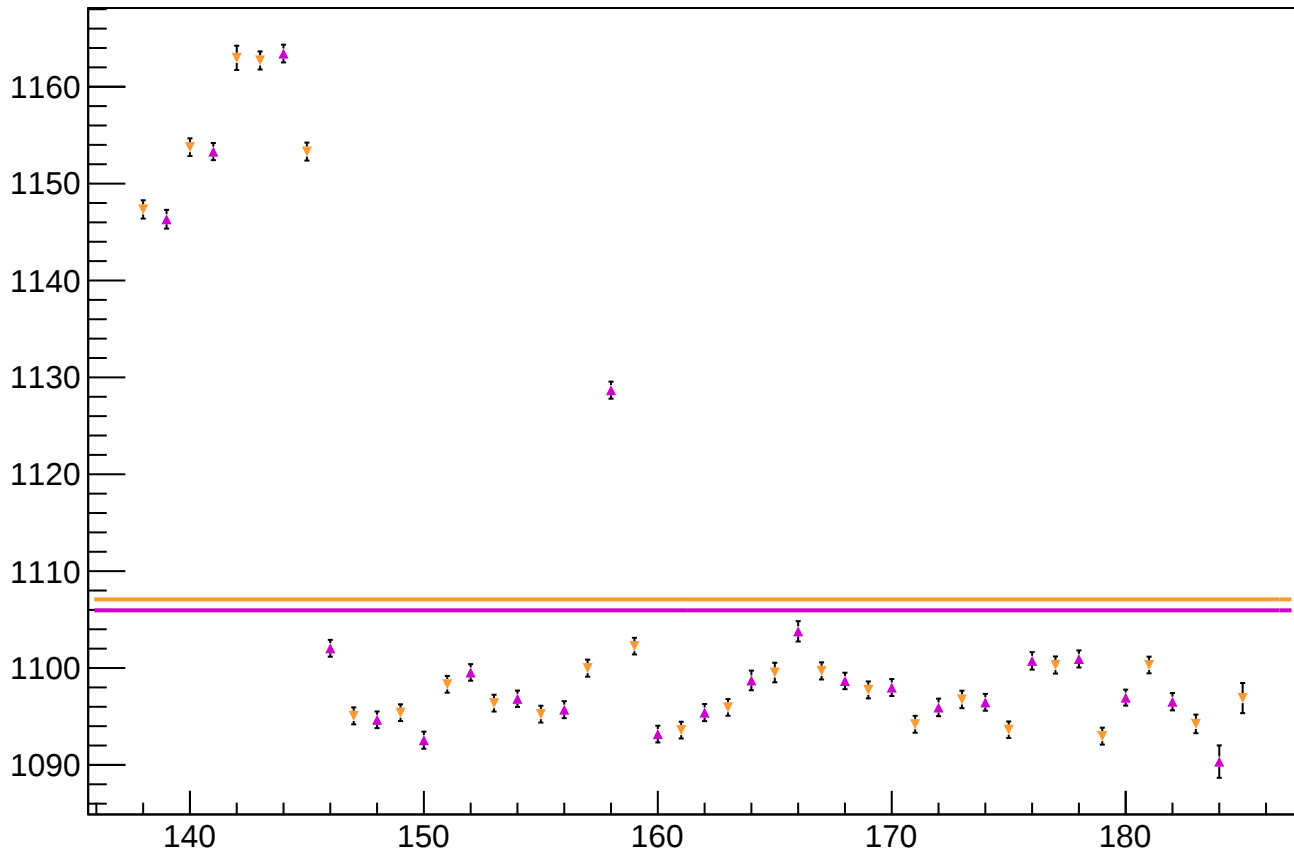
Left In: -2337.232 $\pm$ 266.468 χ^2/NDF :31.3/22

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

All: -13.996 $\pm$ 185.191 χ^2/NDF : 193.3/47

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

cor_asym_usr_rms vs Slug



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

Left Out: 1107.090+/-0.182 χ^2/NDF : 15187.2/24

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

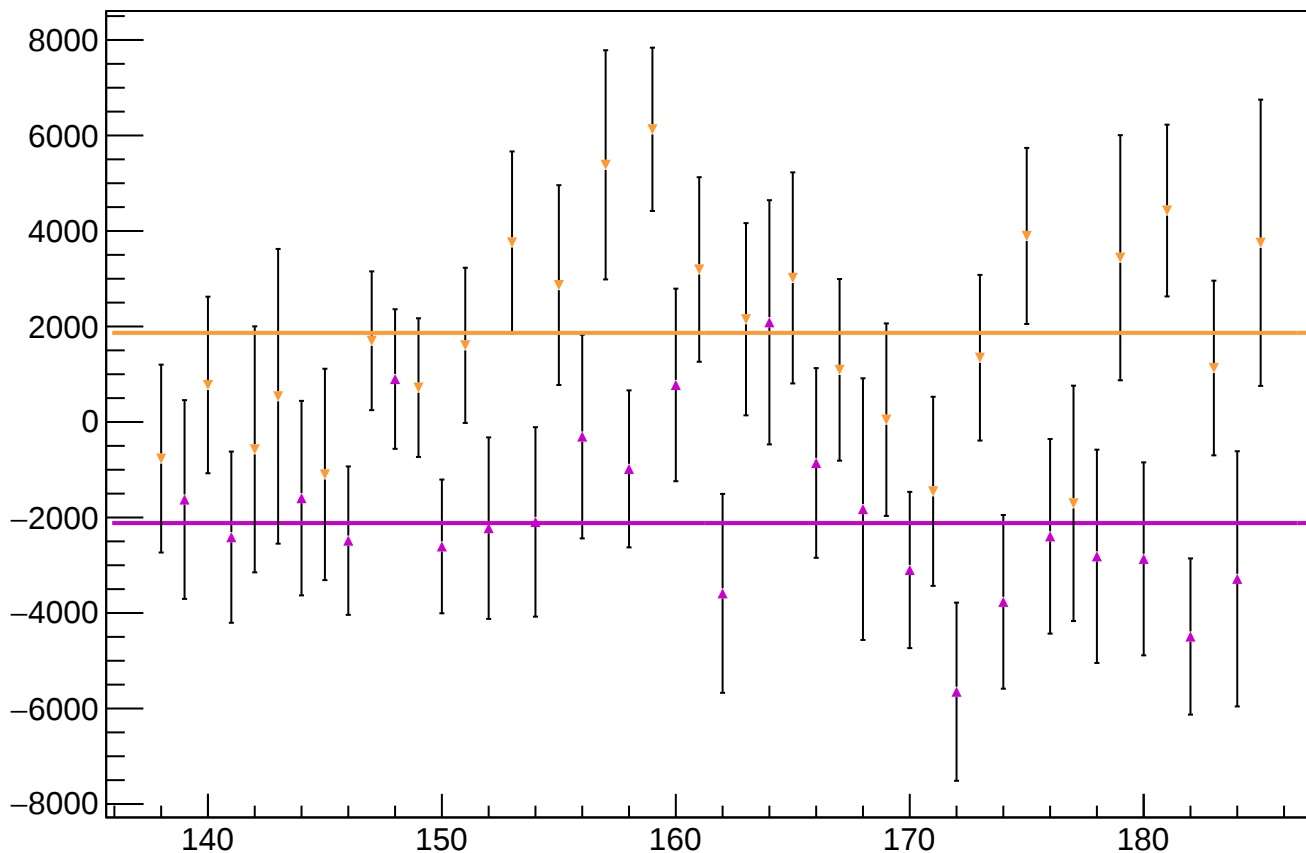
Left In: 1105.955+/-0.188 χ^2/NDF : 11111.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.542+/-0.131 χ^2/NDF : 26317.2/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_mean vs Slug



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

Left Out: 1866.021+/-391.734 χ^2/NDF : 26.2/24

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

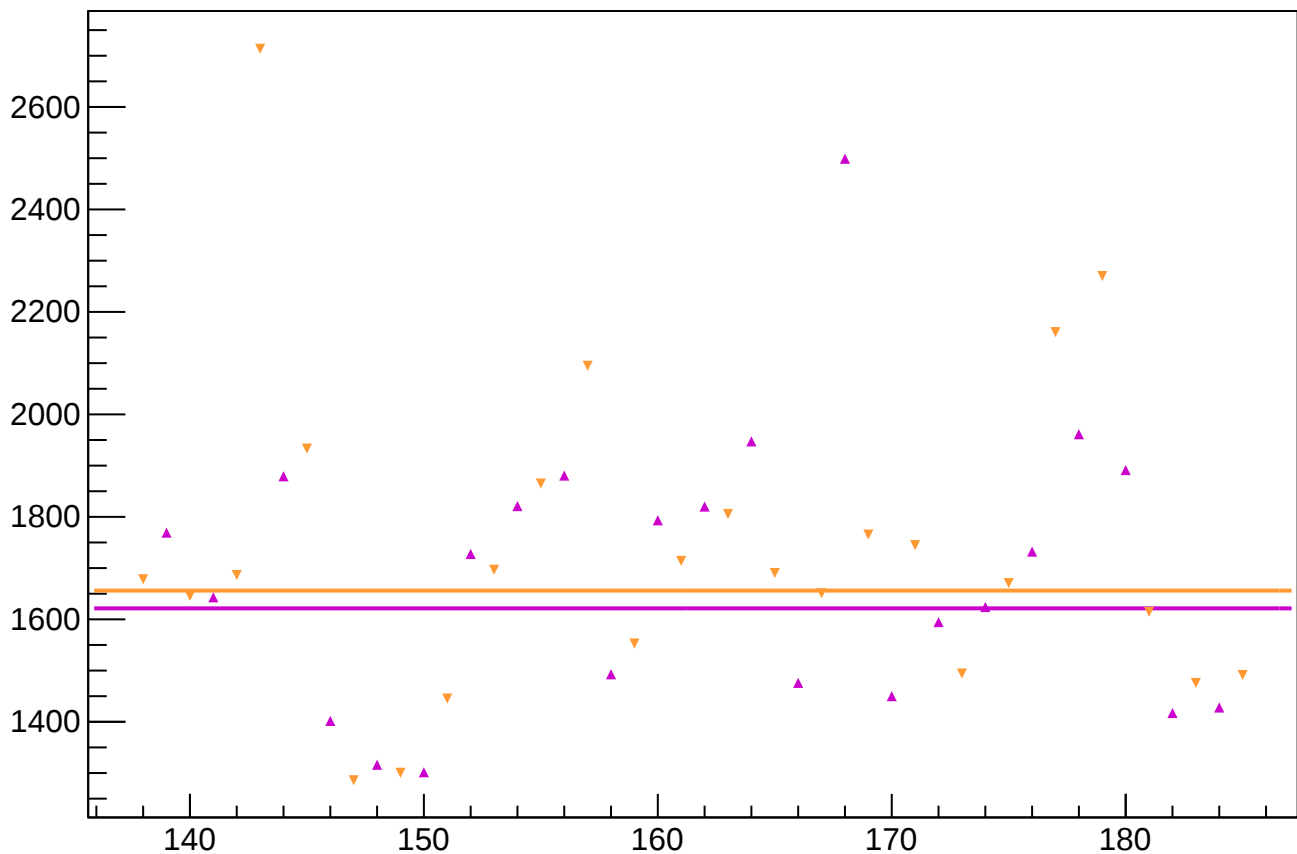
Left In: -2116.114+/-392.997 χ^2/NDF : 18.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -118.640+/-277.443 χ^2/NDF : 96.5/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_rms vs Slug



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

Left Out: 1656.119+/-0.277 χ^2/NDF : 910685.4/24

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

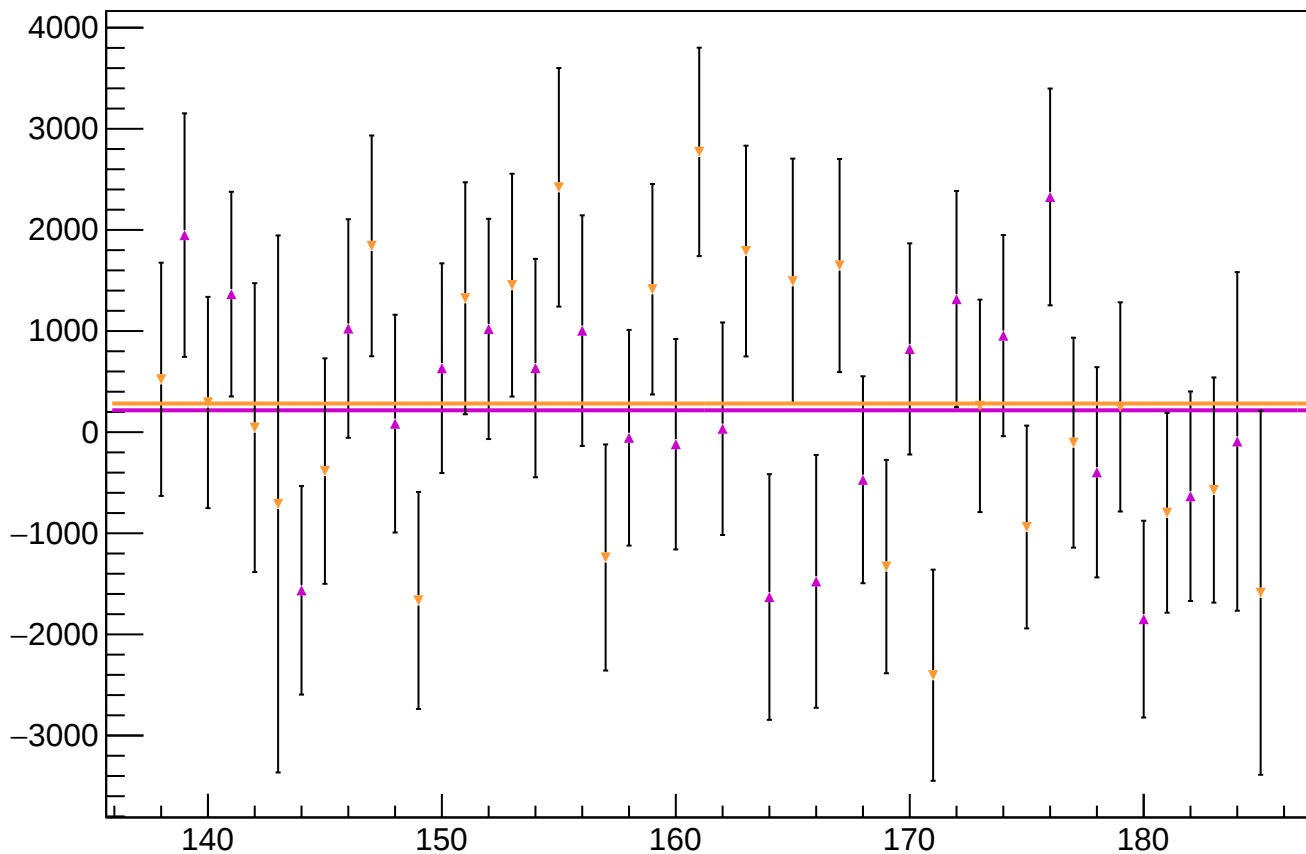
Left In: 1621.417+/-0.278 χ^2/NDF : 775310.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1638.824+/-0.196 χ^2/NDF : 1693817.5/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_mean vs Slug



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

Left Out: 283.099 $\pm$ 223.610 χ^2 /NDF:38.2/24

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

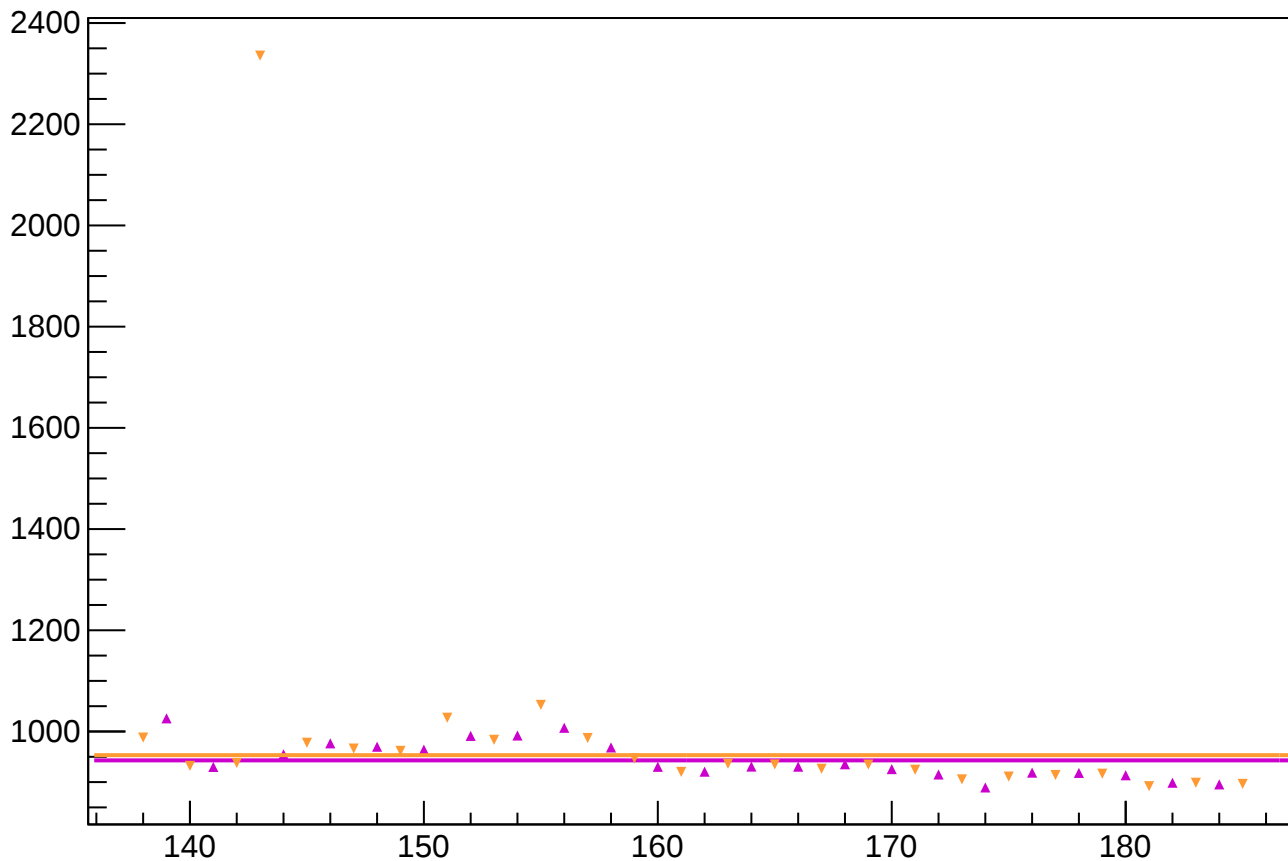
Left In: 216.121 $\pm$ 225.600 χ^2 /NDF:24.4/22

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

All: 249.907 $\pm$ 158.815 χ^2 /NDF: 62.7/47

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

asym_us_agg_dd_rms vs Slug



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

Left Out: 953.224+/-0.158 χ^2/NDF : 606291.4/24

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

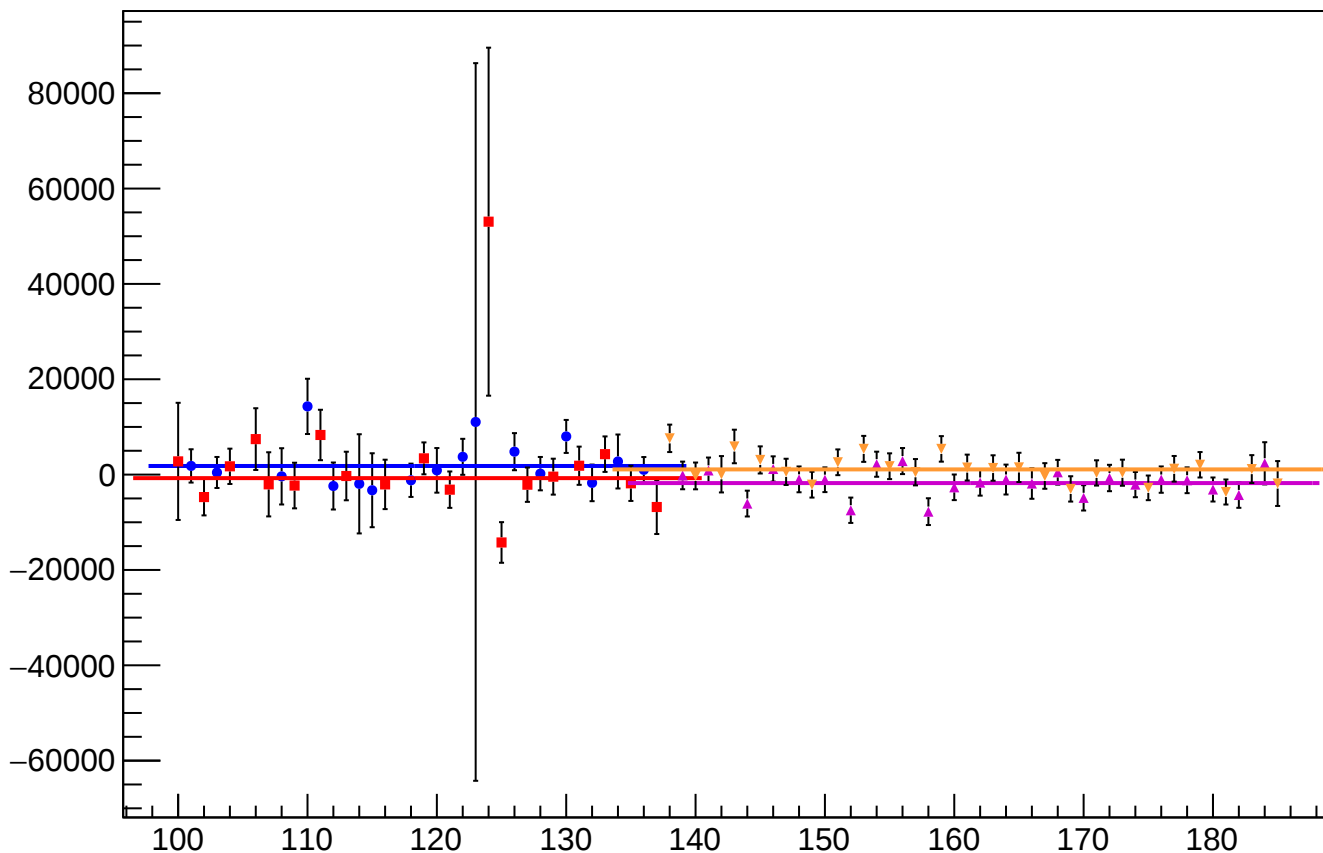
Left In: 942.927+/-0.160 χ^2/NDF : 48402.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.121+/-0.112 χ^2/NDF : 656796.2/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug



Right In: 1807.995 $\pm$ 1015.862 χ^2 /NDF: 12.3/16

Left Out: 1091.184 $\pm$ 564.079 χ^2 /NDF: 23.6/24

Right Out: -739.633 $\pm$ 1026.876 χ^2 /NDF: 24.1/18

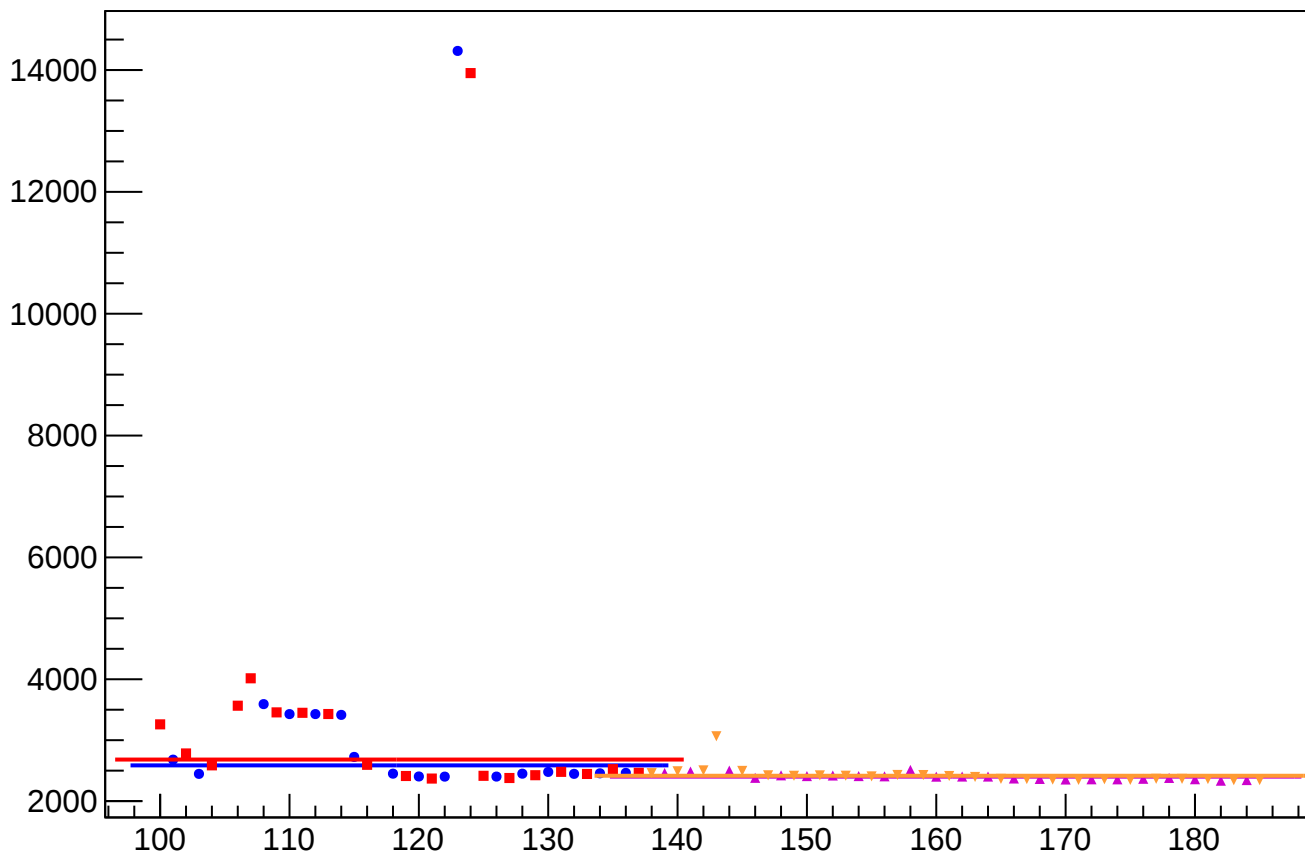
Left In: -1777.100 $\pm$ 575.895 χ^2 /NDF: 24.1/22

+ sign 1260.111 $\pm$ 493.154 χ^2 /NDF: 36.2/41

All: -108.767 $\pm$ 351.900 χ^2 /NDF: 100.9/83

- sign -1528.869 $\pm$ 502.296 χ^2 /NDF: 48.9/41

reg_asym_atl1_rms vs Slug



Right In: 2586.401+/-0.718 χ^2/NDF : 253848.4/16

Left Out: 2416.033+/-0.399 χ^2/NDF : 82632.5/24

Right Out: 2682.004+/-0.726 χ^2/NDF : 529065.5/18

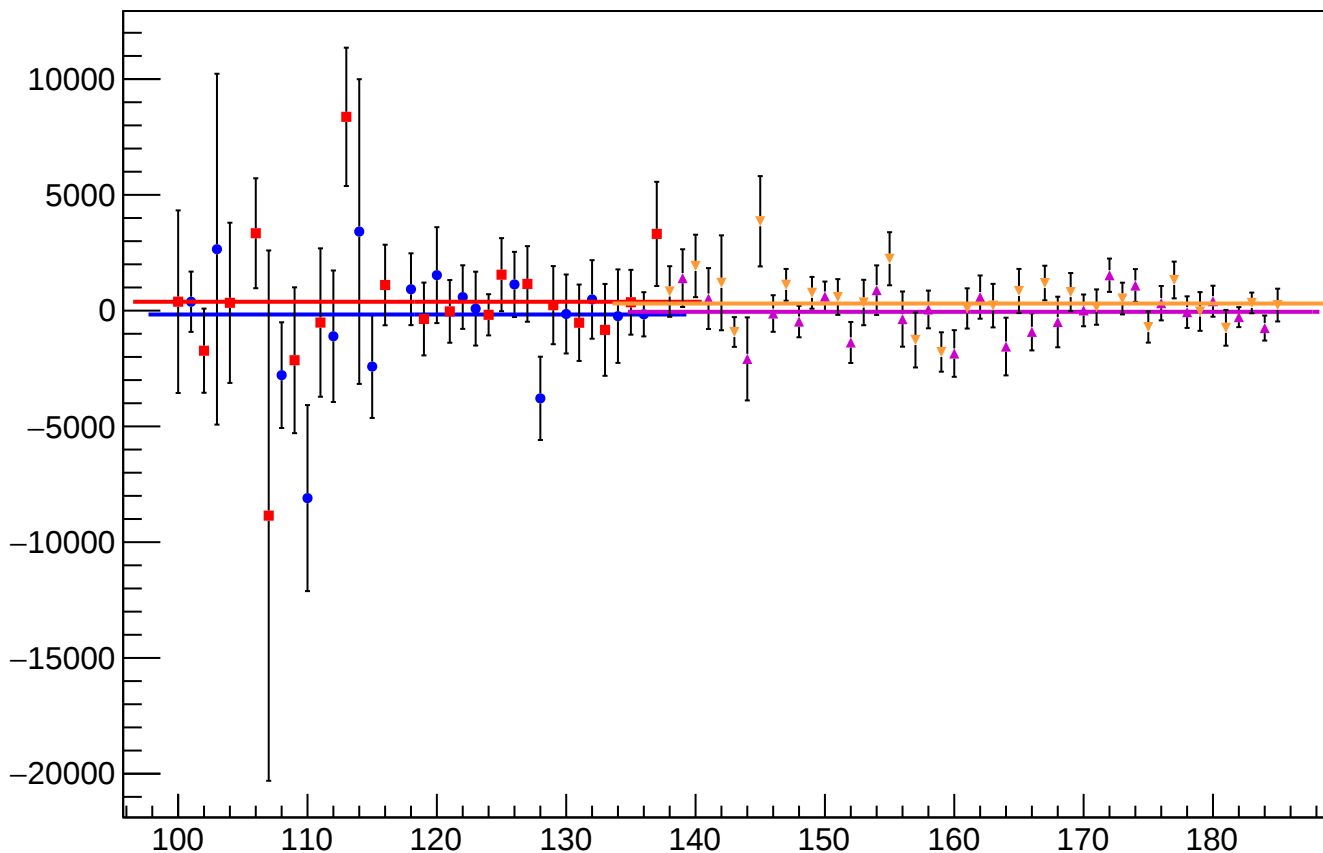
Left In: 2401.422+/-0.407 χ^2/NDF : 13747.6/22

+ sign 2456.183+/-0.349 χ^2/NDF : 379476.2/41

All: 2462.256+/-0.249 χ^2/NDF : 1036499.4/83

- sign 2468.556+/-0.355 χ^2/NDF : 656405.3/41

asym_atl1_correction_mean vs Slug



Right In: -166.806 $\pm$ 421.387 χ^2/NDF : 13.5/16

Left Out: 307.153 $\pm$ 160.711 χ^2/NDF : 29.7/24

Right Out: 382.536 $\pm$ 410.020 χ^2/NDF : 15.5/18

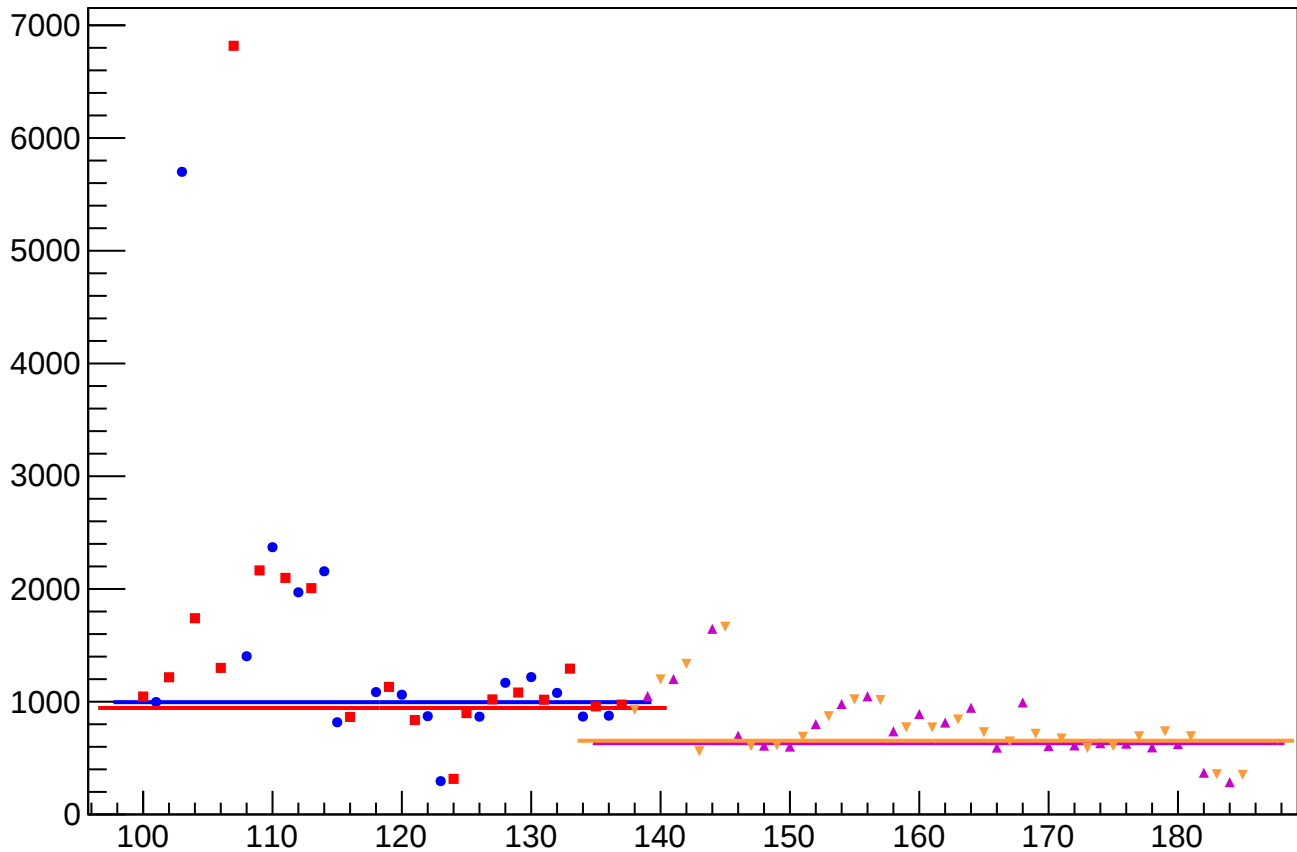
Left In: -51.454 $\pm$ 161.744 χ^2/NDF : 23.8/22

+ sign 246.968 $\pm$ 150.161 χ^2/NDF : 44.3/41

All: 127.216 $\pm$ 106.286 χ^2/NDF : 85.9/83

- sign 6.987 $\pm$ 150.460 χ^2/NDF : 40.3/41

asym_atl1_correction_rms vs Slug



Right In: 995.873+/-0.298 χ^2/NDF : 1903000.1/16

Left Out: 653.999+/-0.114 χ^2/NDF : 3250875.9/24

Right Out: 944.562+/-0.290 χ^2/NDF : 2666448.2/18

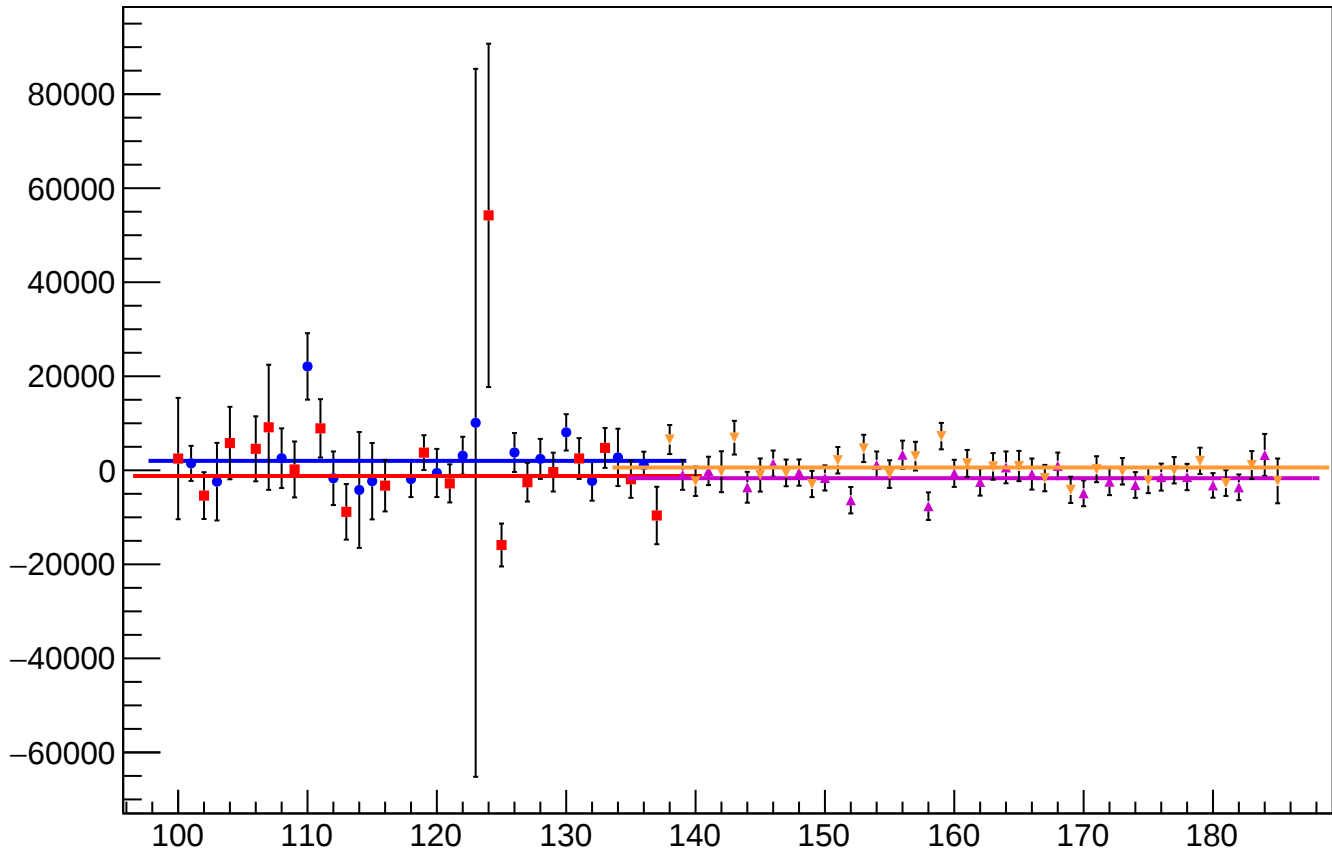
Left In: 632.053+/-0.114 χ^2/NDF : 3942853.4/22

+ sign 697.411+/-0.106 χ^2/NDF : 6303146.9/41

All: 685.796+/-0.075 χ^2/NDF : 13941815.5/83

- sign 674.135+/-0.106 χ^2/NDF : 7614688.3/41

asym_atl1_mean vs Slug



Right In: 2009.141 ± 1163.584 χ^2/NDF : 14.5/16

Left Out: 596.547 ± 597.259 χ^2/NDF : 25.4/24

Right Out: -1208.755 ± 1191.039 χ^2/NDF : 26.8/18

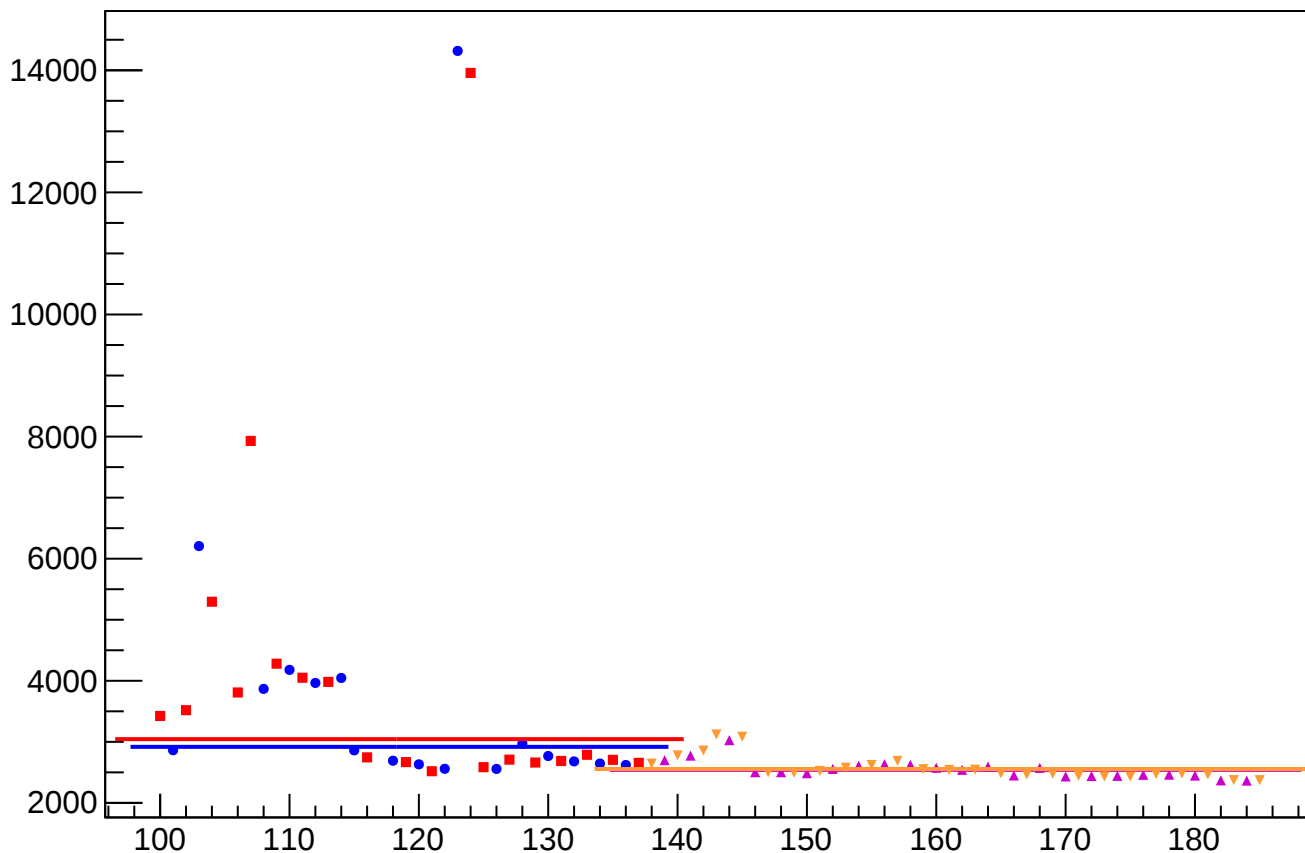
Left In: -1679.572 ± 610.111 χ^2/NDF : 18.2/22

+ sign 891.113 ± 531.349 χ^2/NDF : 41.1/41

All: -318.457 ± 379.777 χ^2/NDF : 96.8/83

- sign -1581.709 ± 543.013 χ^2/NDF : 45.1/41

asym_atl1_rms vs Slug



Right In: 2918.002+/-0.823 χ^2/NDF : 636720.5/16

Left Out: 2555.324+/-0.422 χ^2/NDF : 154704.8/24

Right Out: 3044.483+/-0.842 χ^2/NDF : 1006712.4/18

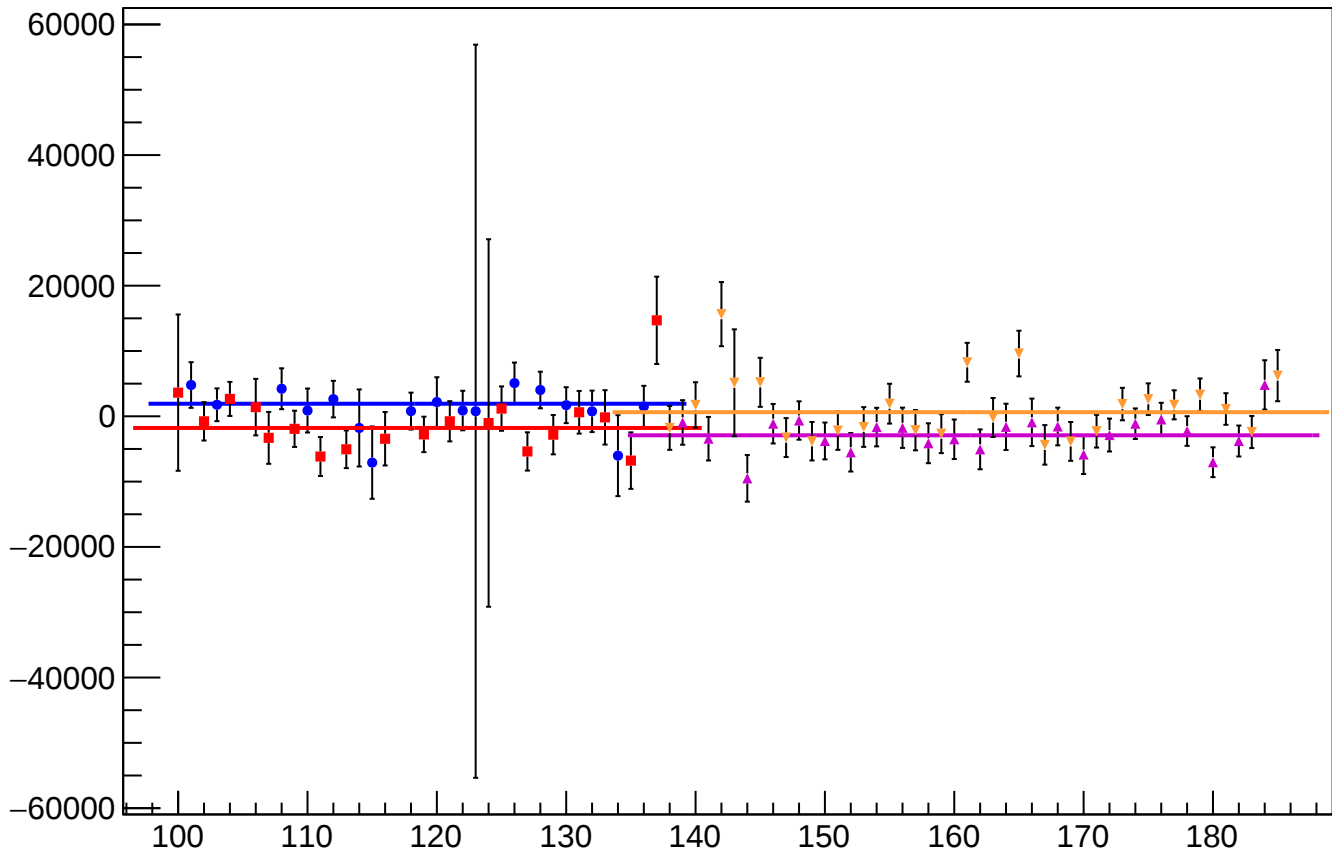
Left In: 2540.988+/-0.431 χ^2/NDF : 94756.7/22

+ sign 2630.953+/-0.376 χ^2/NDF : 945209.5/41

All: 2638.139+/-0.269 χ^2/NDF : 2330547.7/83

- sign 2645.644+/-0.384 χ^2/NDF : 1384590.4/41

reg_asym_atl2_mean vs Slug



Right In: 1924.076 $\pm$ 813.616 χ^2 /NDF: 8.1/16

Left Out: 628.021 $\pm$ 591.268 χ^2 /NDF:45.0/24

Right Out: -1783.264 $\pm$ 792.384 χ^2 /NDF: 18.2/18

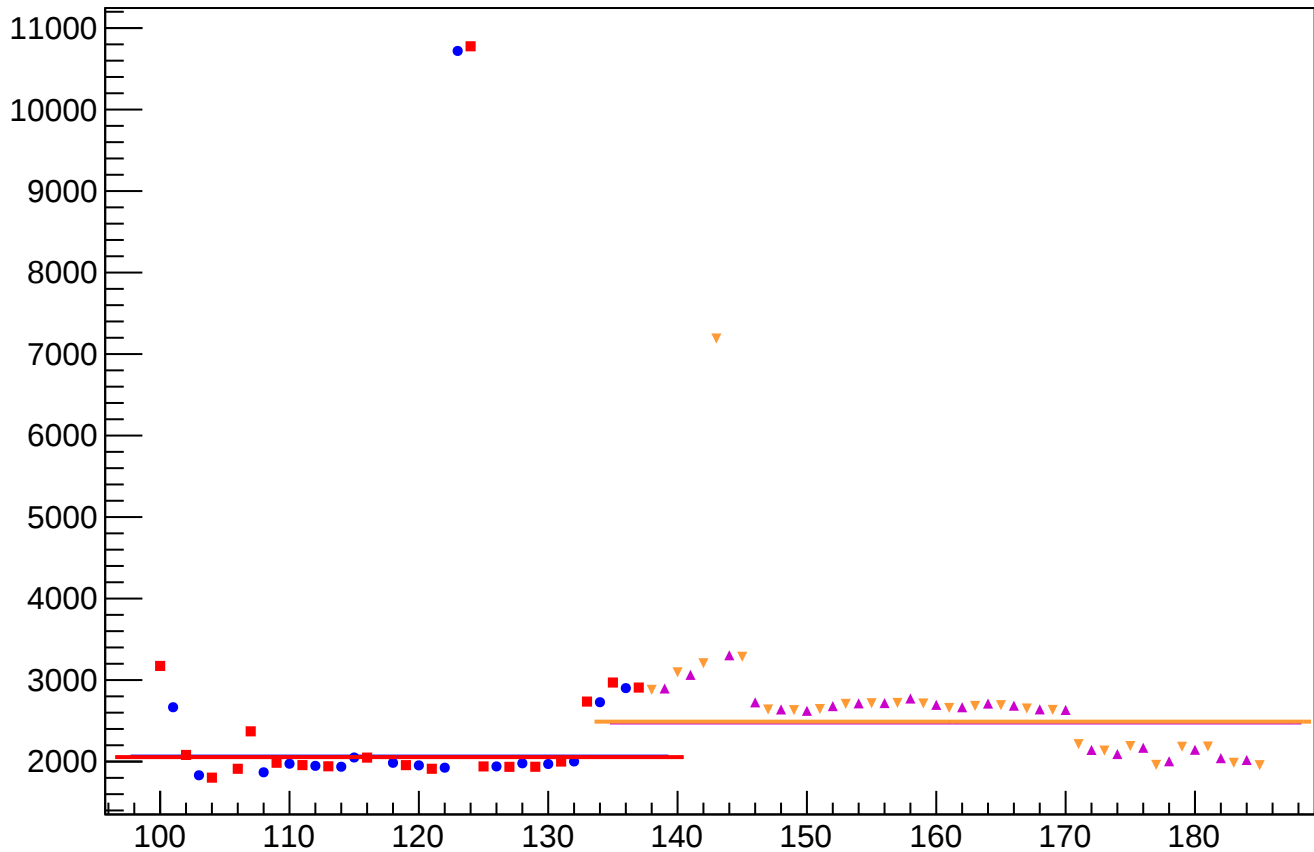
Left In: -2909.108 $\pm$ 599.673 χ^2 /NDF:17.4/22

+ sign 1075.937 $\pm$ 478.306 χ^2 /NDF: 54.7/41

All: -712.081 $\pm$ 338.167 χ^2 /NDF: 119.5/83

- sign -2499.112 $\pm$ 478.174 χ^2 /NDF: 36.9/41

reg_asym_atl2_rms vs Slug



Right In: 2060.723+/-0.575 χ^2/NDF : 317606.8/16

Left Out: 2489.779+/-0.418 χ^2/NDF :1363628.6/24

Right Out: 2054.686+/-0.560 χ^2/NDF : 441666.4/18

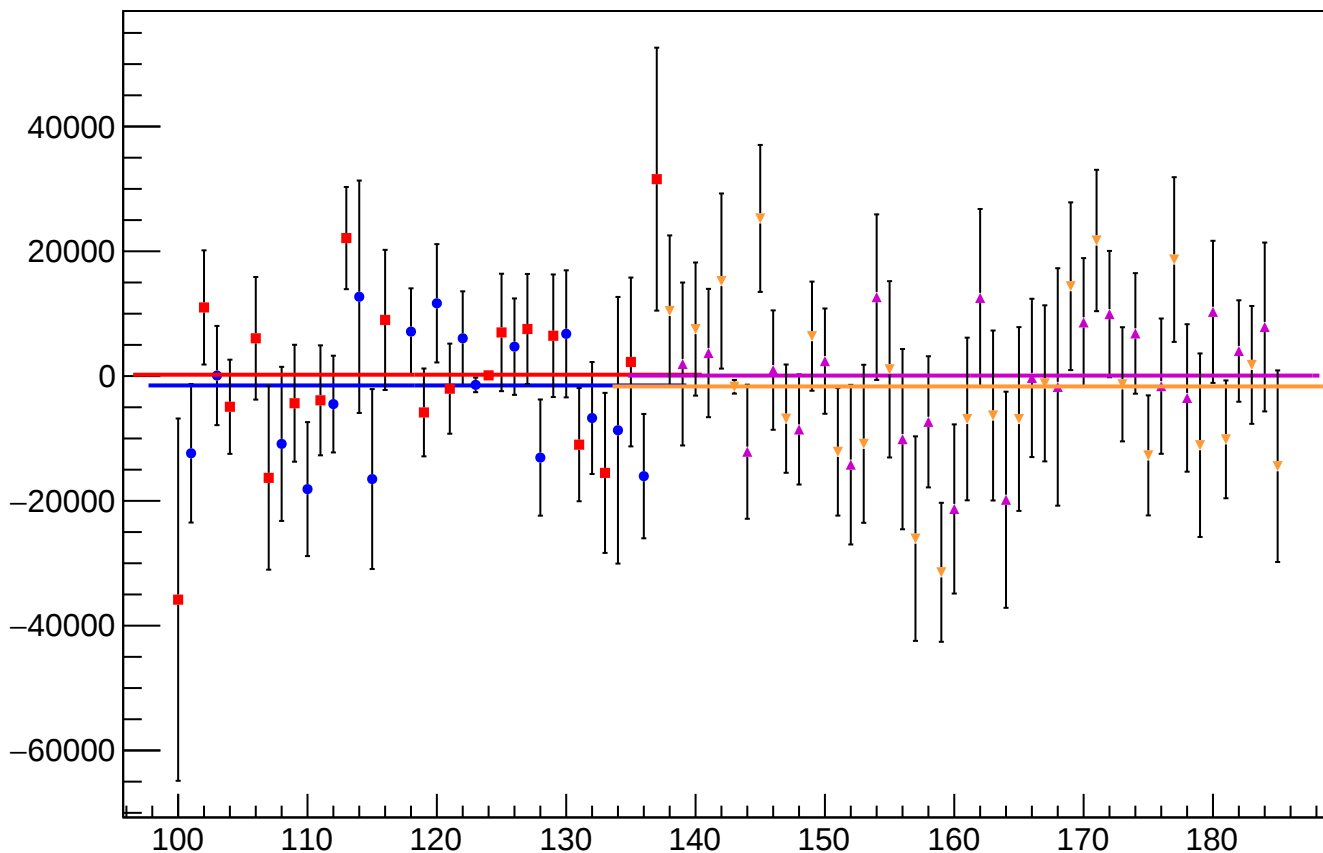
Left In: 2479.348+/-0.424 χ^2/NDF :668398.2/22

+ sign 2341.497+/-0.338 χ^2/NDF : 2045202.1/41

All: 2333.096+/-0.239 χ^2/NDF : 3521751.9/83

- sign 2324.699+/-0.338 χ^2/NDF : 1475316.0/41

asym_atl2_correction_mean vs Slug



Right In: -1500.129 ± 1054.661 χ^2/NDF : 15.7/16

Left Out: -1657.377 ± 993.088 χ^2/NDF : 32.4/24

Right Out: 219.966 ± 695.338 χ^2/NDF : 21.0/18

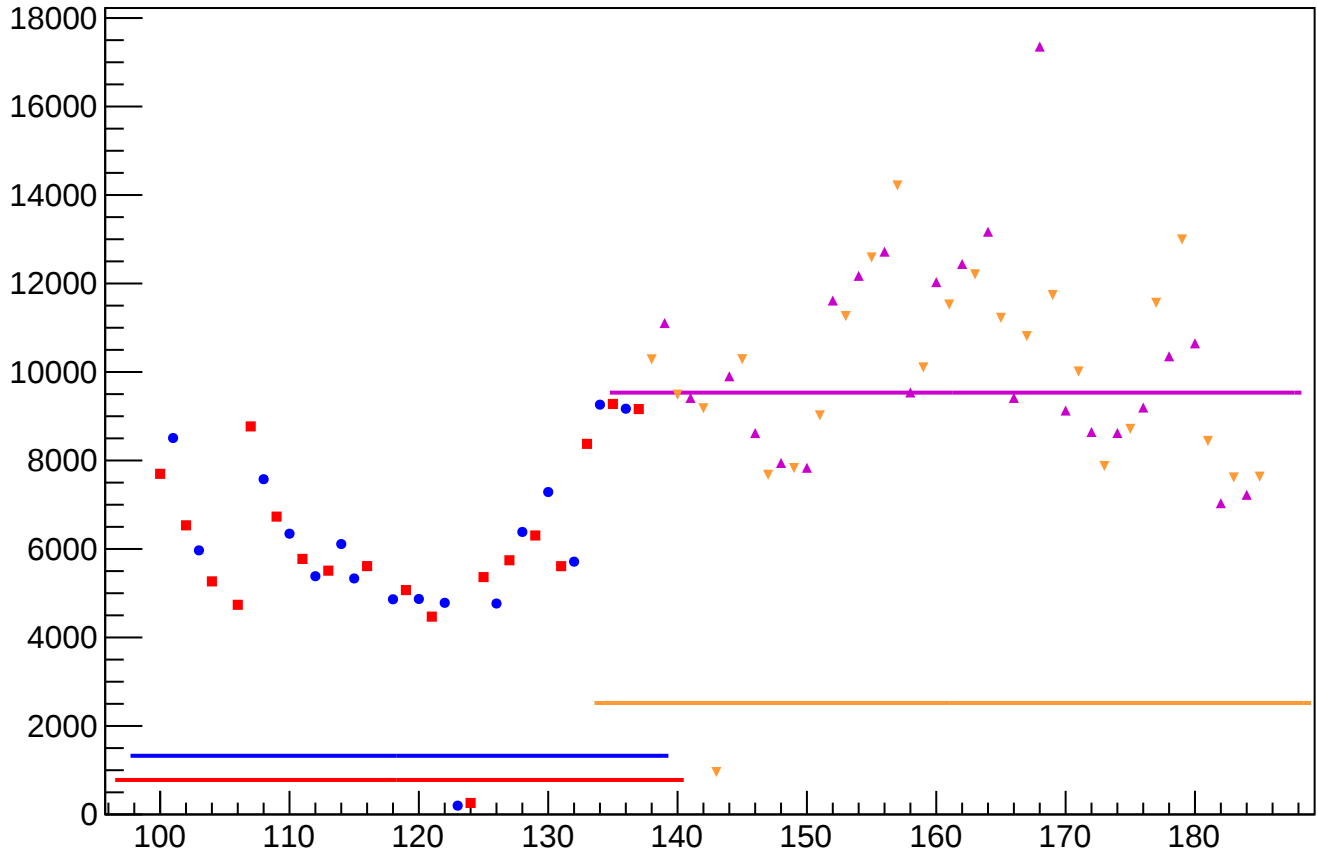
Left In: 80.274 ± 2331.531 χ^2/NDF : 13.8/22

+ sign -1583.477 ± 723.008 χ^2/NDF : 48.1/41

All: -614.484 ± 489.982 χ^2/NDF : 86.2/83

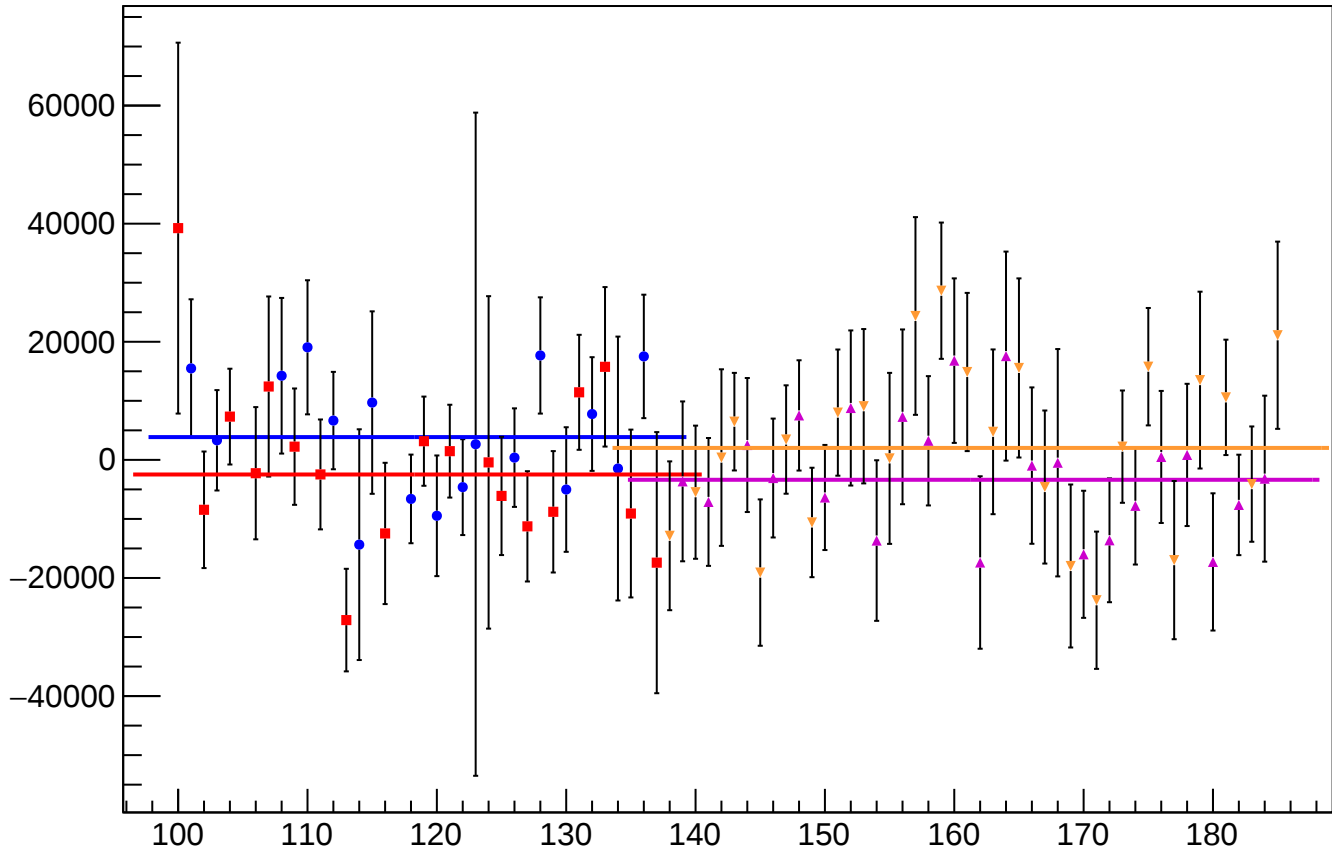
- sign 208.556 ± 666.336 χ^2/NDF : 34.8/41

asym_atl2_correction_rms vs Slug



Right In: 1326.061+/-0.746	χ^2/NDF : 10027581.6/16	+ sign 1958.364+/-0.511	χ^2/NDF : 35021391.9/41
Left Out: 2518.992+/-0.702	χ^2/NDF : 23637546.2/24	All: 1707.701+/-0.346	χ^2/NDF : 74078956.1/8
Right Out: 779.806+/-0.492	χ^2/NDF : 11406365.3/18	- sign 1494.793+/-0.471	χ^2/NDF : 38612983.6/41
Left In: 9533.563+/-1.649	χ^2/NDF : 1316640.0/22		

asym_atl2_mean vs Slug



Right In: 3858.326+/-2543.101 χ^2/NDF : 14.1/16

Left Out: 2023.295+/-2333.845 χ^2/NDF : 30.8/24

+ sign 2862.219+/-1719.504 χ^2/NDF : 45.2/41

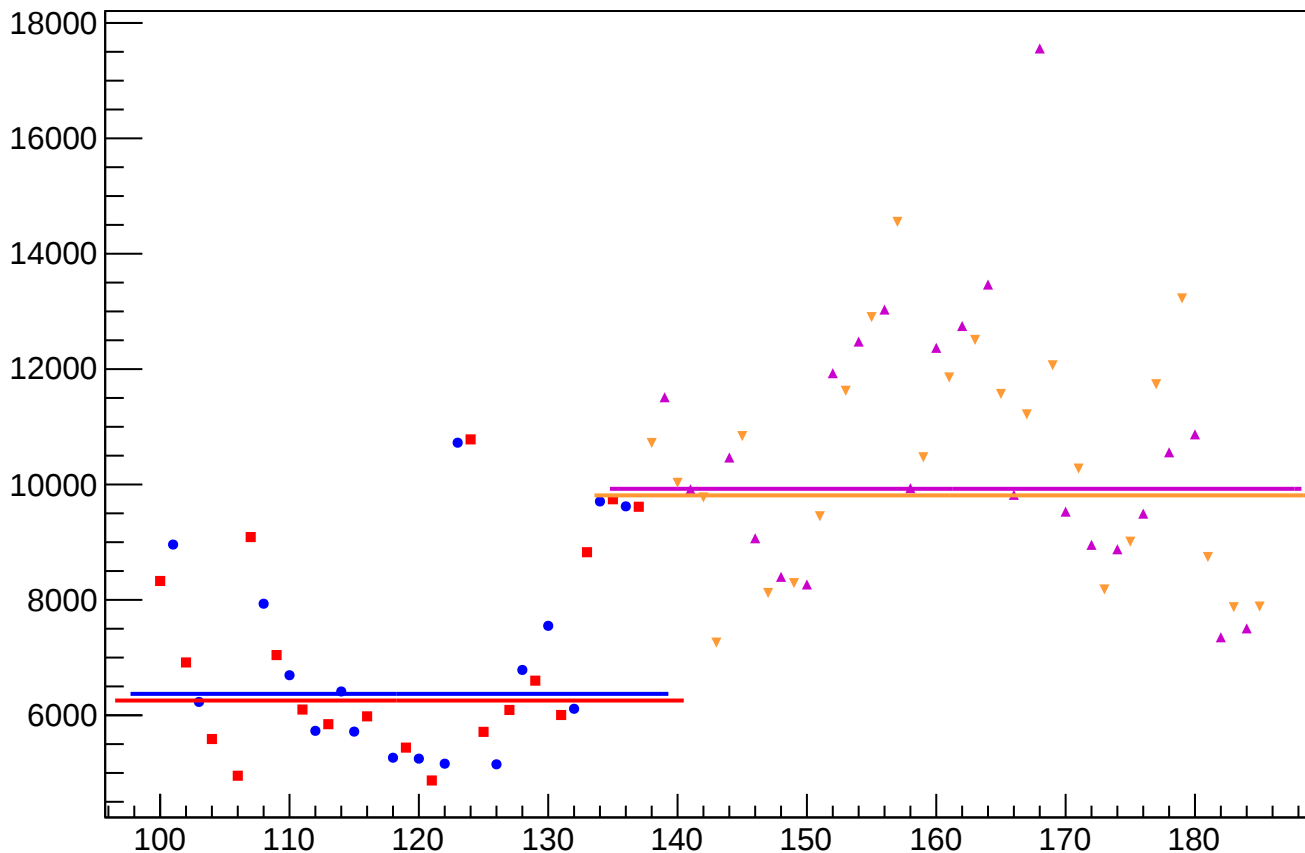
Right Out: -2474.681+/-2426.960 χ^2/NDF : 20.3/18

All: -38.807+/-1214.208 χ^2/NDF : 84.3/83

Left In: -3371.931+/-2423.242 χ^2/NDF : 13.1/22

- sign -2923.994+/-1714.804 χ^2/NDF : 33.5/41

asym_atl2_rms vs Slug



Right In: 6370.939+/-1.798 χ^2/NDF : 578725.9/16

Left Out: 9811.249+/-1.650 χ^2/NDF : 1213964.4/24

Right Out: 6255.569+/-1.716 χ^2/NDF : 532740.6/18

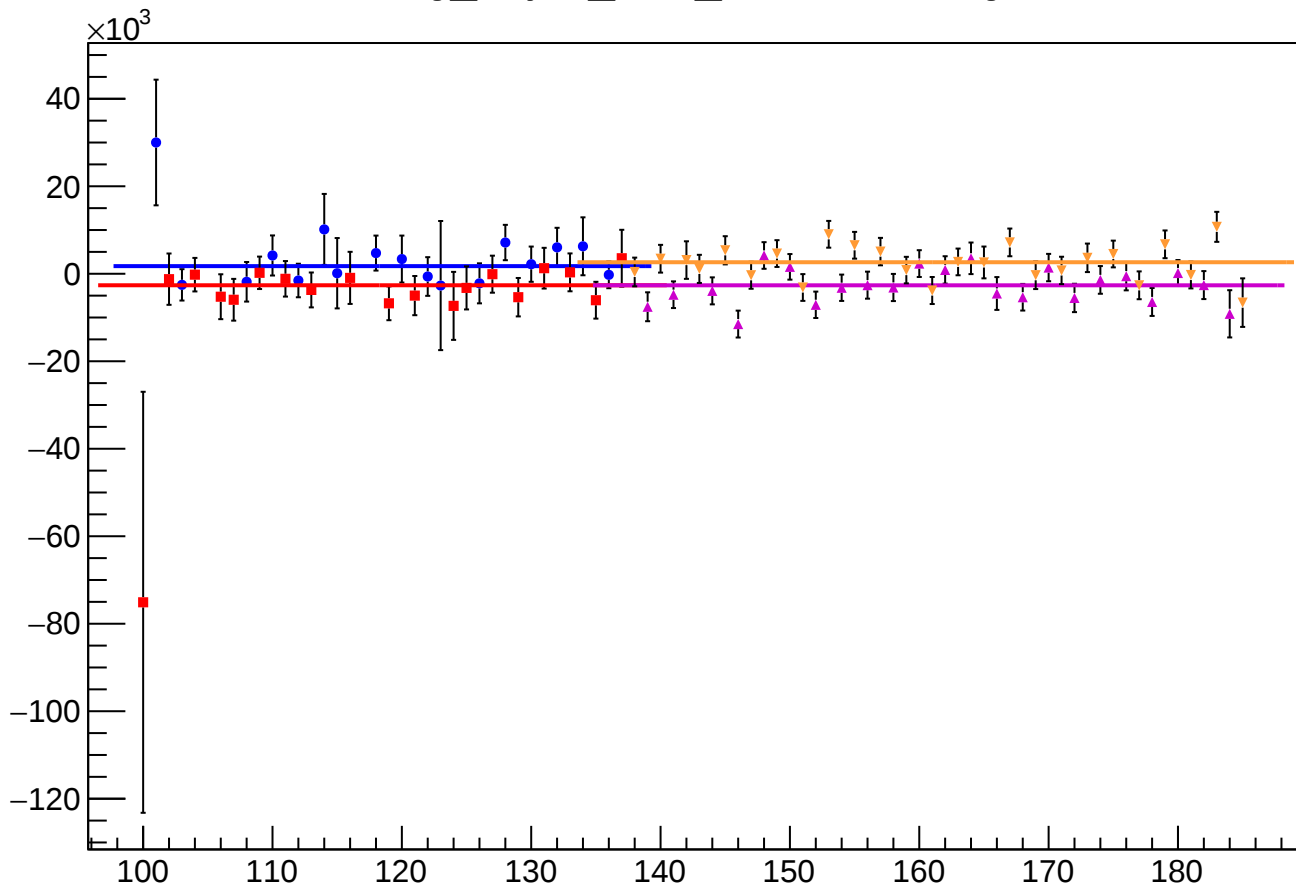
Left In: 9925.337+/-1.713 χ^2/NDF : 1211554.7/22

+ sign 8238.429+/-1.216 χ^2/NDF : 3779529.8/41

All: 8165.605+/-0.859 χ^2/NDF : 7820990.7/83

- sign 8093.181+/-1.213 χ^2/NDF : 4034305.8/41

reg_asym_atr1_mean vs Slug



Right In: 1745.509 $\pm$ 1131.300 χ^2 /NDF: 13.4/16

Left Out: 2635.781 $\pm$ 646.201 χ^2 /NDF:35.1/24

Right Out: -2628.839 $\pm$ 1074.553 χ^2 /NDF: 9.6/18

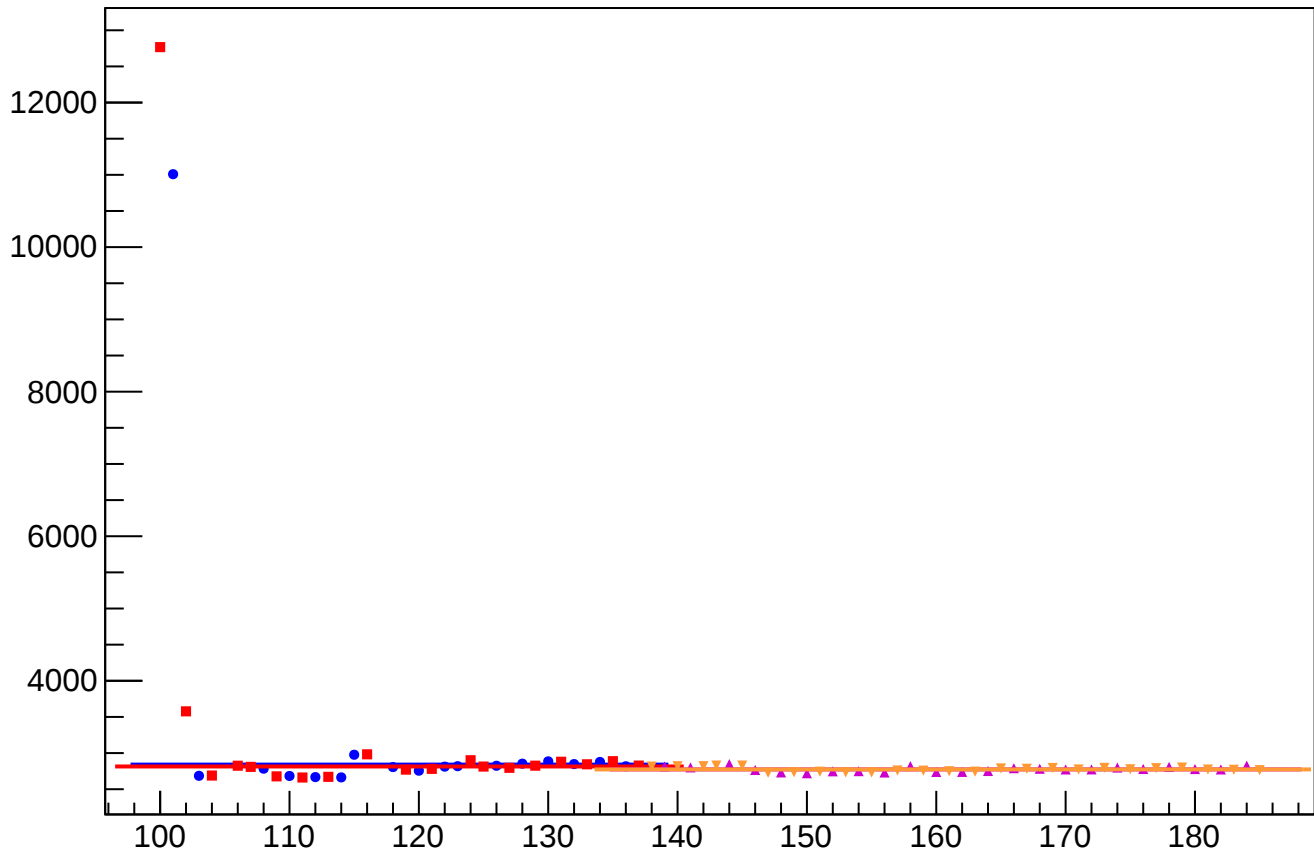
Left In: -2638.607 $\pm$ 664.569 χ^2 /NDF:35.2/22

+ sign 2416.768 $\pm$ 561.114 χ^2 /NDF: 49.0/41

All: -91.202 $\pm$ 398.207 χ^2 /NDF: 134.1/83

- sign -2635.905 $\pm$ 565.209 χ^2 /NDF: 44.8/41

reg_asym_atr1_rms vs Slug



Right In: 2840.326+/-0.800 χ^2/NDF : 660130.0/16

Left Out: 2773.709+/-0.457 χ^2/NDF : 4616.7/24

Right Out: 2814.625+/-0.760 χ^2/NDF : 133037.9/18

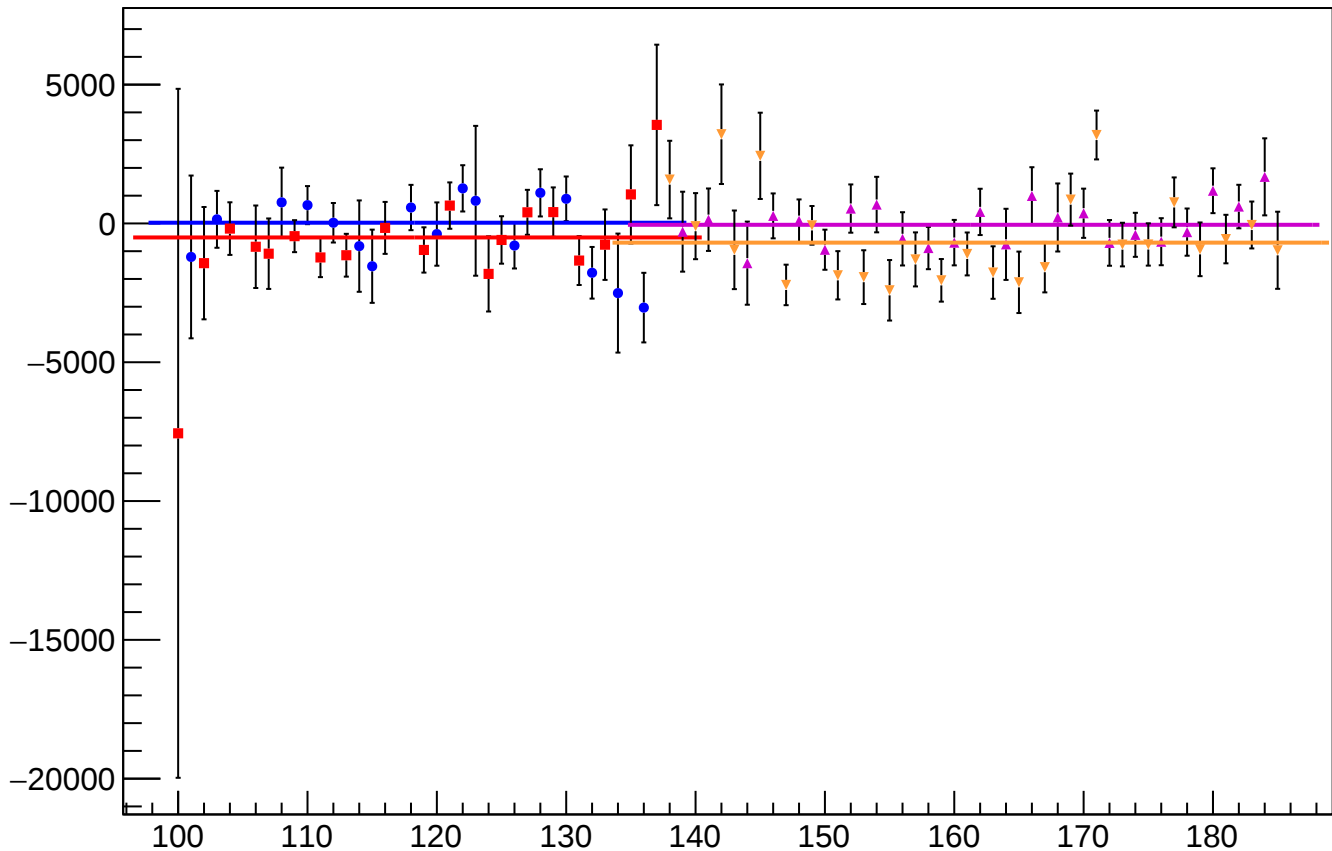
Left In: 2774.036+/-0.470 χ^2/NDF : 4985.3/22

+ sign 2790.097+/-0.397 χ^2/NDF : 669975.7/41

All: 2787.699+/-0.282 χ^2/NDF : 810136.6/83

- sign 2785.266+/-0.400 χ^2/NDF : 140087.3/41

asym_atr1_correction_mean vs Slug



Right In: 25.744 ± 242.455 χ^2/NDF : 20.8/16

Left Out: -691.779 ± 187.327 χ^2/NDF : 56.0/24

Right Out: -504.940 ± 222.180 χ^2/NDF : 11.9/18

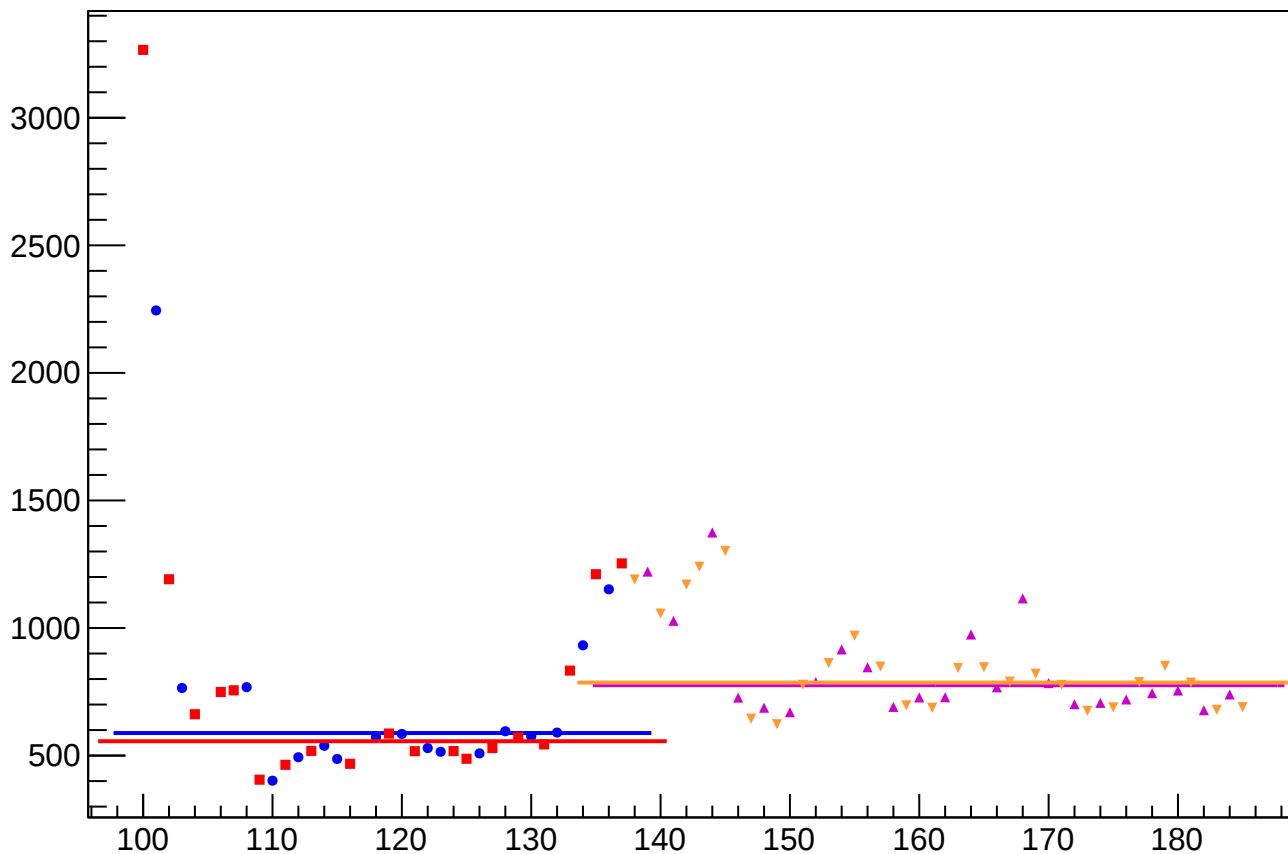
Left In: -49.244 ± 189.190 χ^2/NDF : 13.6/22

+ sign -423.565 ± 148.236 χ^2/NDF : 82.3/41

All: -329.551 ± 103.305 χ^2/NDF : 111.0/83

- sign -240.781 ± 144.043 χ^2/NDF : 28.0/41

asym_atr1_correction_rms vs Slug



Right In: 588.381+/-0.171 χ^2/NDF : 1423934.9/16

Left Out: 786.194+/-0.132 χ^2/NDF : 1249481.6/24

Right Out: 556.282+/-0.157 χ^2/NDF : 1104898.6/18

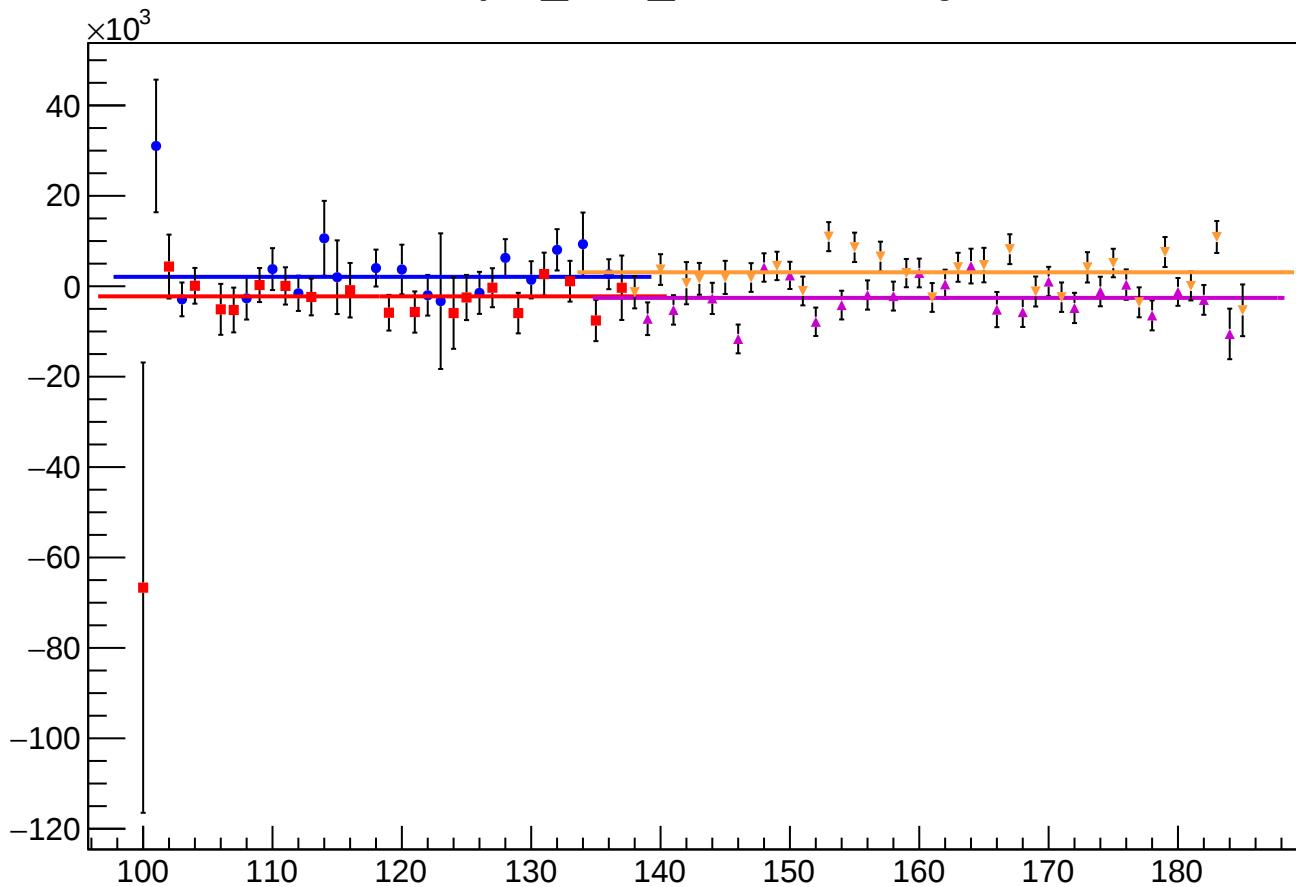
Left In: 775.930+/-0.134 χ^2/NDF : 1056766.5/22

+ sign 712.251+/-0.105 χ^2/NDF : 3507076.9/41

All: 697.519+/-0.073 χ^2/NDF : 6840241.9/83

- sign 683.608+/-0.102 χ^2/NDF : 3294760.2/41

asym_atr1_mean vs Slug



Right In: 2083.008 $\pm$ 1167.281 χ^2 /NDF: 14.5/16

Left Out: 3093.873 $\pm$ 678.597 χ^2 /NDF:38.7/24

Right Out: -2234.490 $\pm$ 1113.044 χ^2 /NDF: 9.9/18

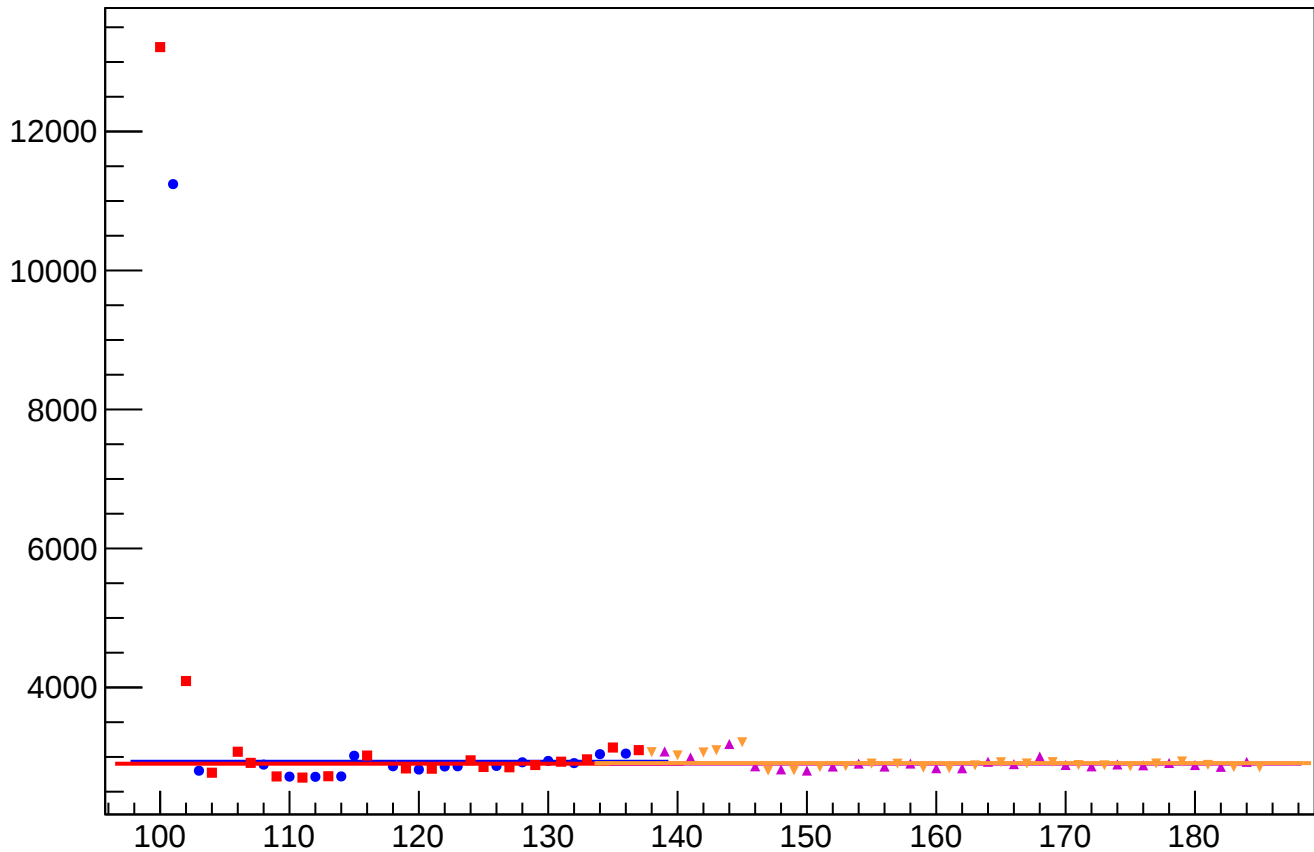
Left In: -2573.184 $\pm$ 695.795 χ^2 /NDF:35.7/22

+ sign 2838.532 $\pm$ 586.664 χ^2 /NDF: 53.7/41

All: 195.324 $\pm$ 416.008 χ^2 /NDF: 140.2/83

- sign -2478.018 $\pm$ 589.999 χ^2 /NDF: 45.7/41

asym_atr1_rms vs Slug



Right In: 2930.563+/-0.825 χ^2/NDF : 662106.1/16

Left Out: 2911.233+/-0.480 χ^2/NDF : 36644.4/24

Right Out: 2902.768+/-0.787 χ^2/NDF : 169439.3/18

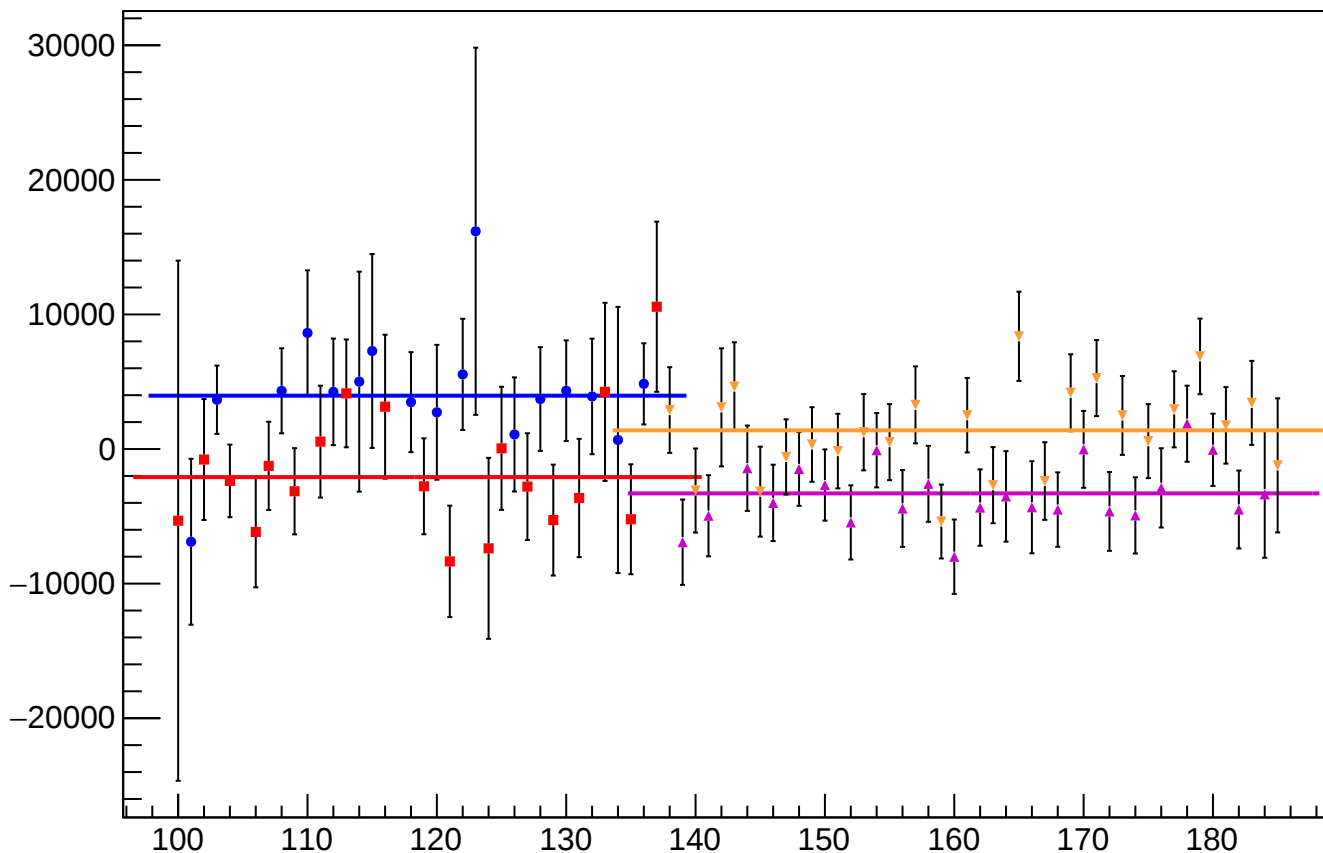
Left In: 2903.411+/-0.492 χ^2/NDF : 28838.5/22

+ sign 2916.116+/-0.415 χ^2/NDF : 699160.5/41

All: 2909.709+/-0.294 χ^2/NDF : 897918.5/83

- sign 2903.230+/-0.417 χ^2/NDF : 198278.3/41

reg_asym_atr2_mean vs Slug



Right In: 3964.122+/-1014.452 χ^2/NDF : 6.1/16

Left Out: 1388.314+/-596.592 χ^2/NDF : 29.1/24

Right Out: -2085.504+/-960.571 χ^2/NDF : 14.5/18

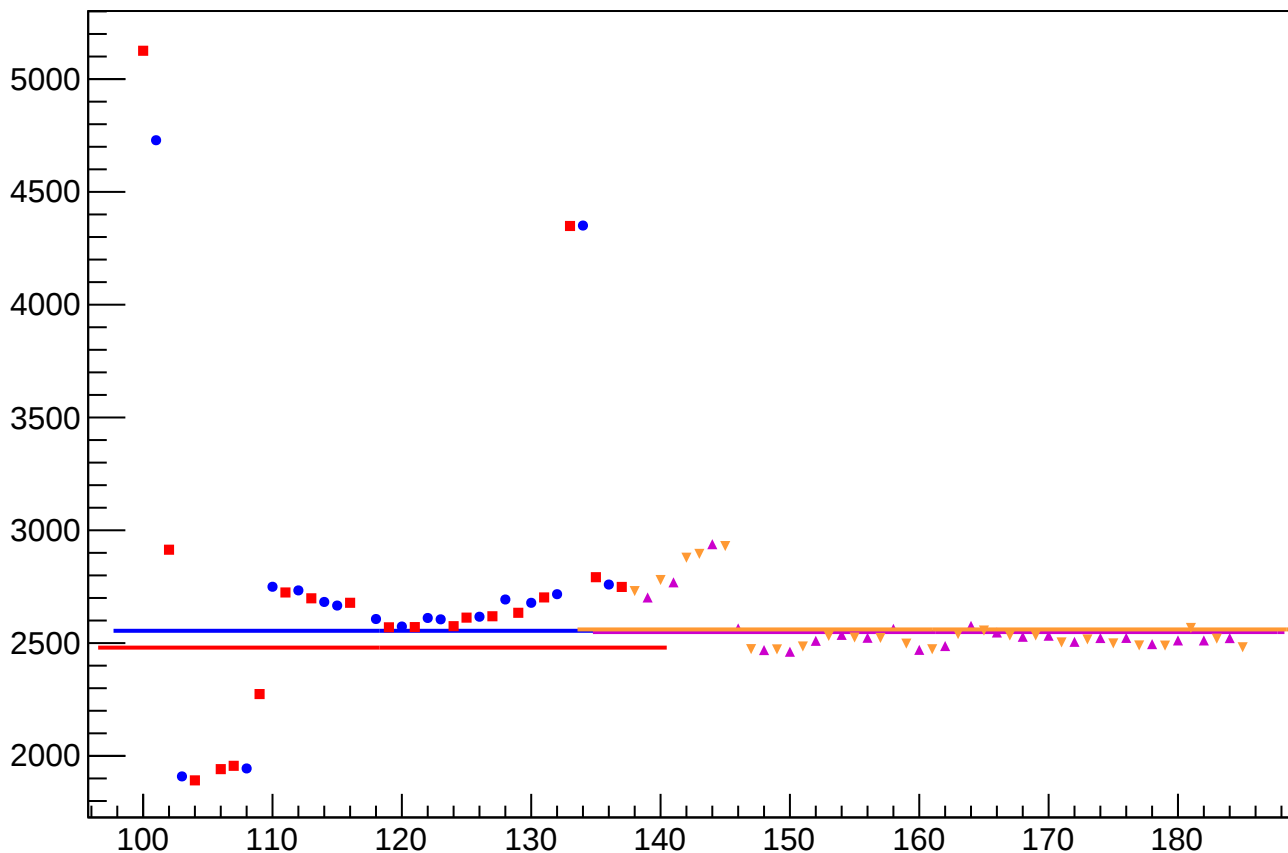
Left In: -3295.367+/-609.991 χ^2/NDF : 14.9/22

+ sign 2050.237+/-514.255 χ^2/NDF : 40.0/41

All: -445.410+/-363.874 χ^2/NDF : 117.7/83

- sign -2947.682+/-514.937 χ^2/NDF : 30.5/41

reg_asym_atr2_rms vs Slug



Right In: 2554.506 $\pm$ 0.717 χ^2 /NDF: 545770.3/16

Left Out: 2560.534 $\pm$ 0.422 χ^2 /NDF: 86772.8/24

Right Out: 2479.954 $\pm$ 0.679 χ^2 /NDF: 450311.6/18

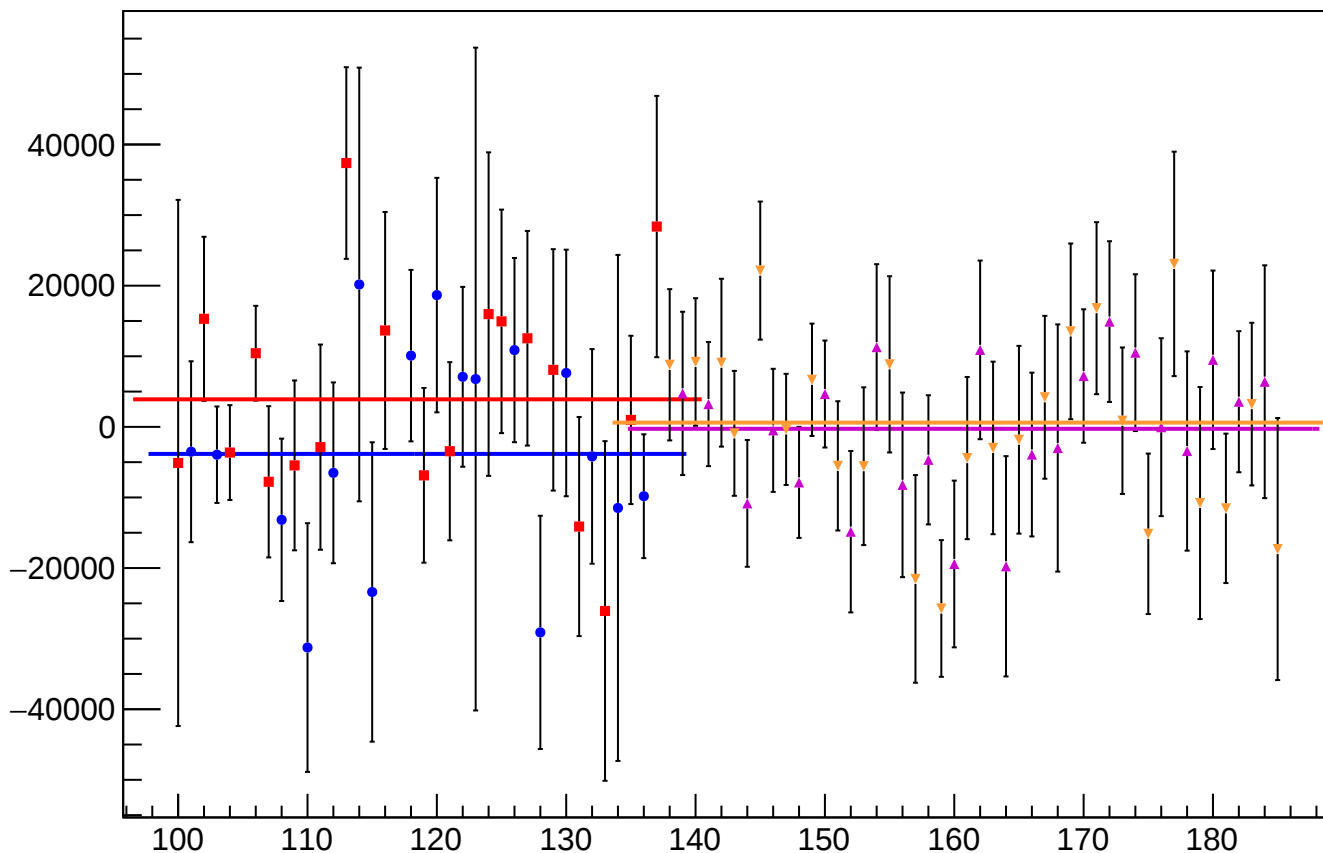
Left In: 2548.870 $\pm$ 0.431 χ^2 /NDF: 55266.2/22

+ sign 2558.985 $\pm$ 0.364 χ^2 /NDF: 632595.6/41

All: 2544.045 $\pm$ 0.257 χ^2 /NDF: 1148890.0/83

- sign 2529.065 $\pm$ 0.364 χ^2 /NDF: 512913.9/41

asym_atr2_correction_mean vs Slug



Right In: -3830.114 ± 3234.150 $\chi^2/\text{NDF}: 13.1/16$

Left Out: 605.410 ± 2184.577 $\chi^2/\text{NDF}: 28.3/24$

Right Out: 3902.239 ± 2838.290 $\chi^2/\text{NDF}: 18.6/18$

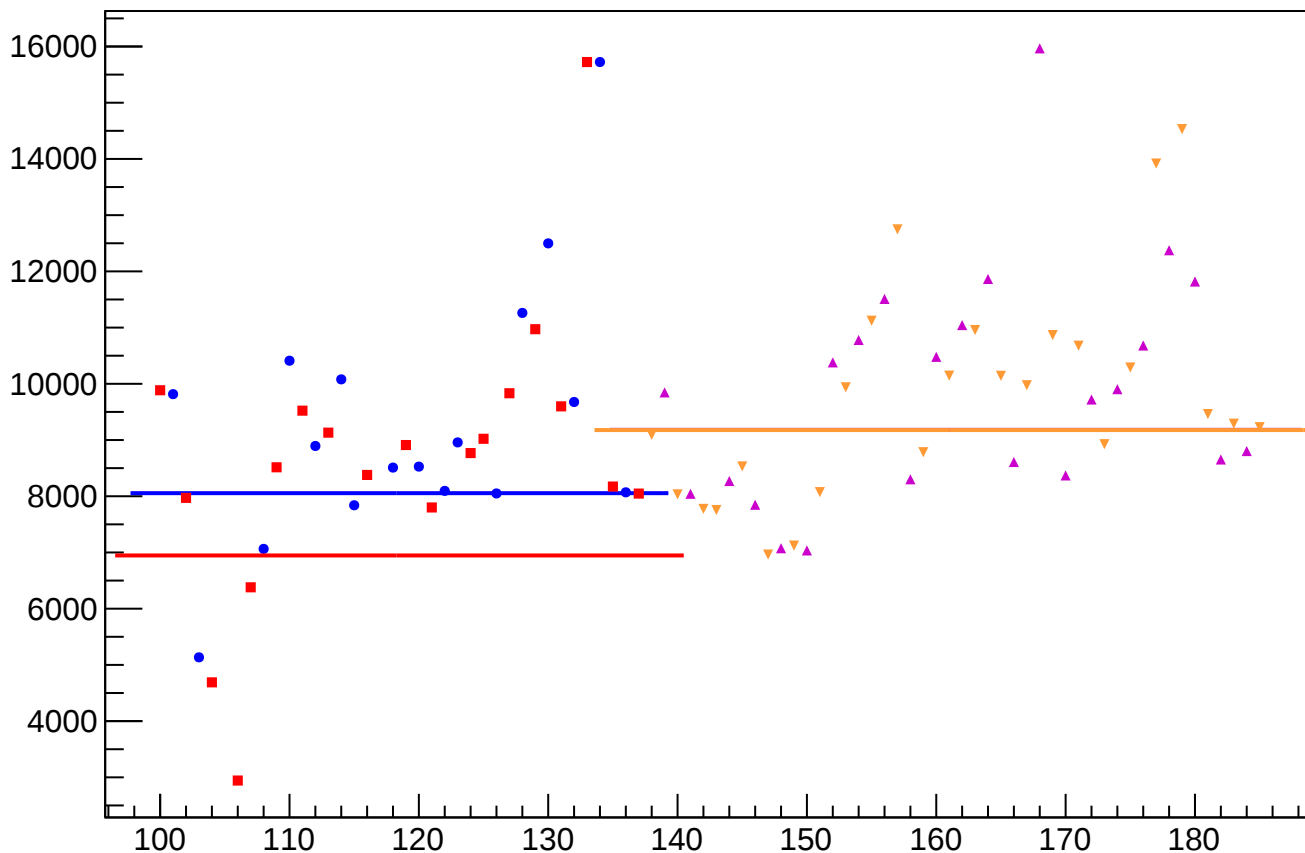
Left In: -275.116 ± 2242.836 $\chi^2/\text{NDF}: 15.7/22$

+ sign -784.286 ± 1810.287 $\chi^2/\text{NDF}: 42.7/41$

All: 303.124 ± 1261.814 $\chi^2/\text{NDF}: 79.0/83$

- sign 1330.652 ± 1759.736 $\chi^2/\text{NDF}: 35.6/41$

asym_atr2_correction_rms vs Slug



Right In: 8054.857+/-2.287 χ^2/NDF : 795337.9/16

Left Out: 9177.360+/-1.545 χ^2/NDF : 1176164.7/24

Right Out: 6946.742+/-2.007 χ^2/NDF : 1776702.0/18

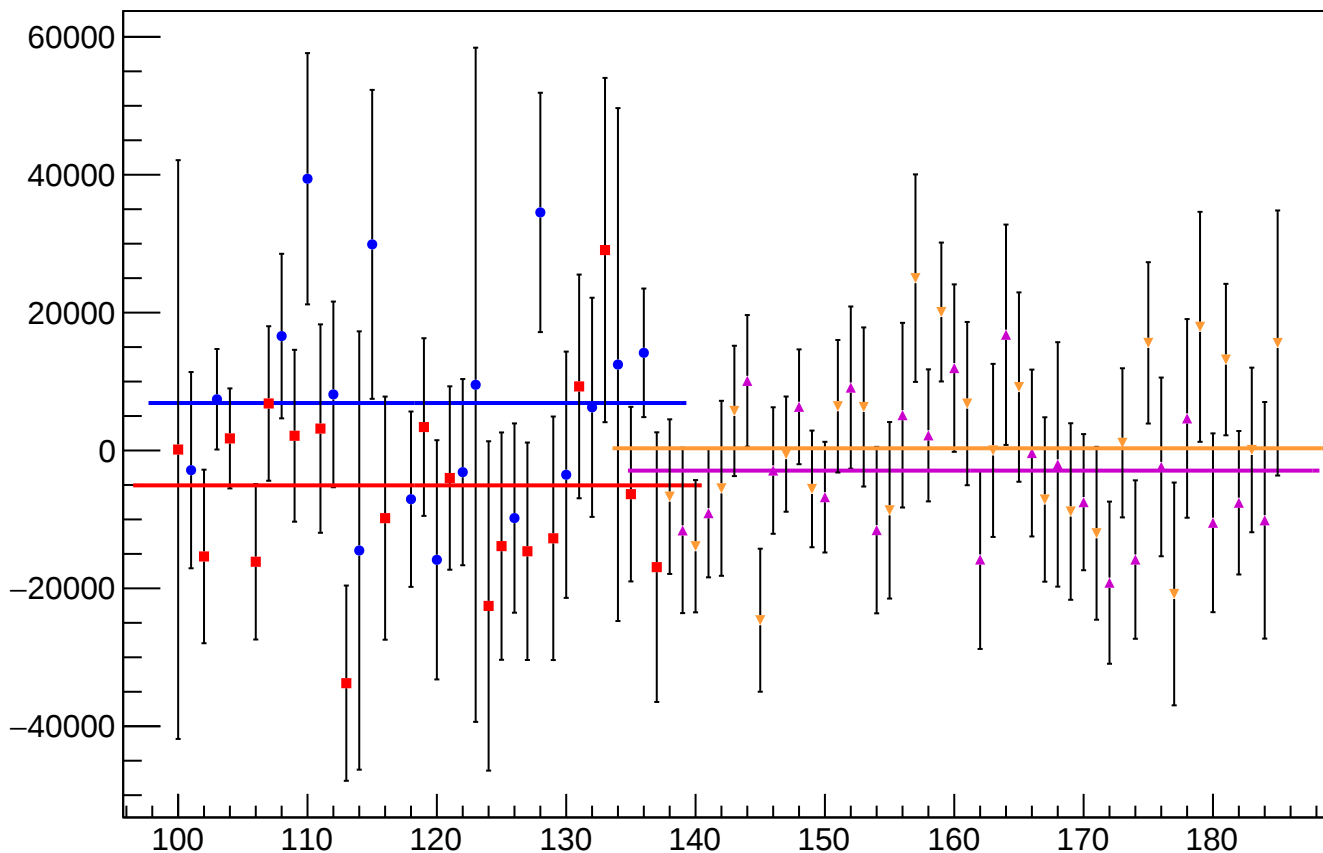
Left In: 9181.254+/-1.586 χ^2/NDF : 1236469.7/22

+ sign 8825.668+/-1.280 χ^2/NDF : 2136944.2/41

All: 8566.864+/-0.892 χ^2/NDF : 5992719.4/83

- sign 8322.311+/-1.244 χ^2/NDF : 3776272.4/41

asym_atr2_mean vs Slug



Right In: 6886.765+/-3417.693 χ^2/NDF : 14.3/16

Left Out: 320.070+/-2281.899 χ^2/NDF : 26.2/24

Right Out: -5059.238+/-3173.297 χ^2/NDF : 13.3/18

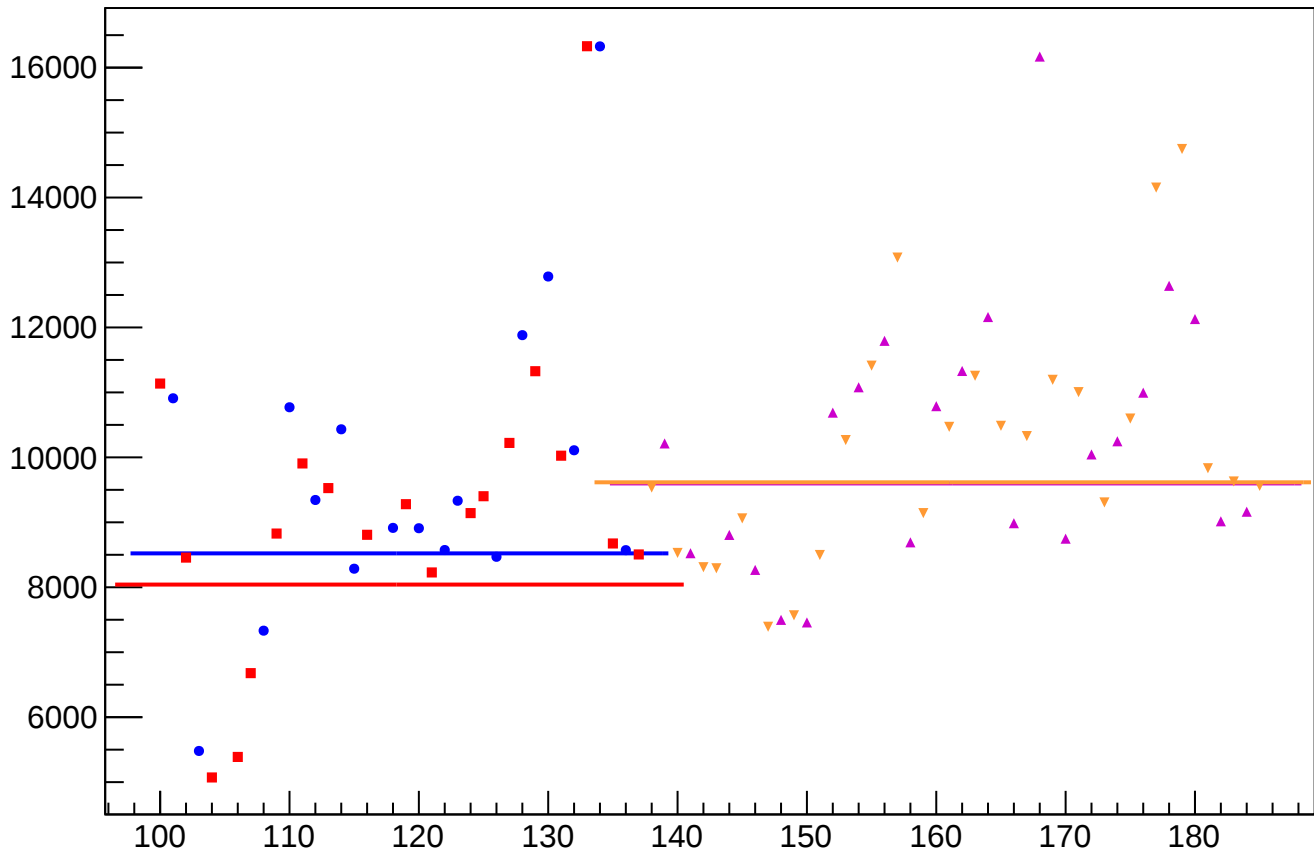
Left In: -2918.356+/-2338.461 χ^2/NDF : 14.9/22

+ sign 2344.812+/-1897.774 χ^2/NDF : 43.1/41

All: -687.766+/-1336.504 χ^2/NDF : 76.7/83

- sign -3671.801+/-1882.523 χ^2/NDF : 28.5/41

asym_atr2_rms vs Slug



Right In: 8521.835 $\pm$ 2.417 χ^2 /NDF: 769872.2/16

Left Out: 9615.933 $\pm$ 1.614 χ^2 /NDF:1011661.6/24

Right Out: 8041.570 $\pm$ 2.244 χ^2 /NDF: 953300.0/18

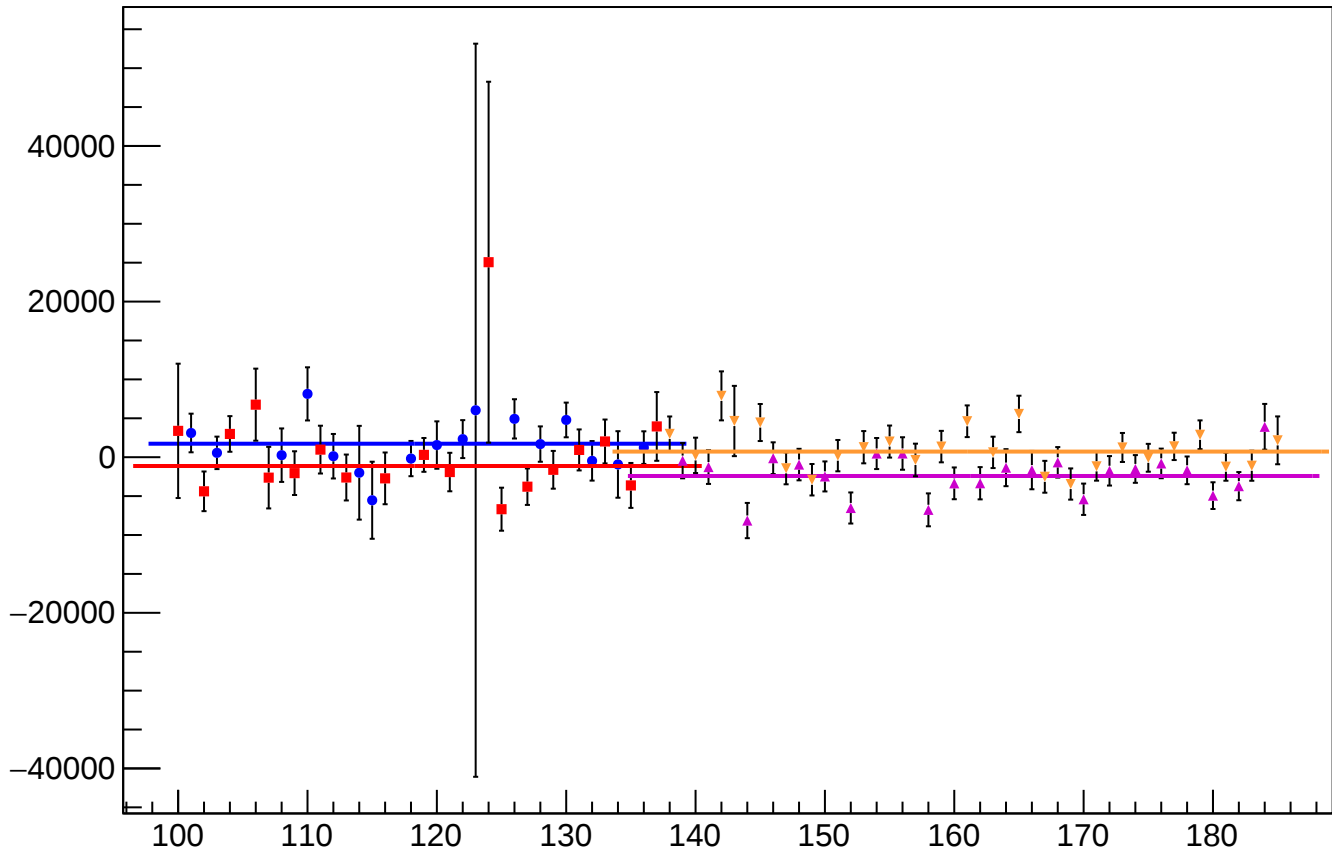
Left In: 9598.531 $\pm$ 1.654 χ^2 /NDF:1082171.6/22

+ sign 9278.585 $\pm$ 1.342 χ^2 /NDF: 1923299.9/41

All: 9163.651 $\pm$ 0.945 χ^2 /NDF: 4285360.9/83

- sign 9050.561 $\pm$ 1.331 χ^2 /NDF: 2347507.5/41

reg_asym_atl_avg_mean vs Slug



Right In: 1733.256 ± 672.118 χ^2/NDF : 12.6/16

Left Out: 723.221 ± 417.446 χ^2/NDF : 34.5/24

Right Out: -1131.745 ± 673.096 χ^2/NDF : 20.3/18

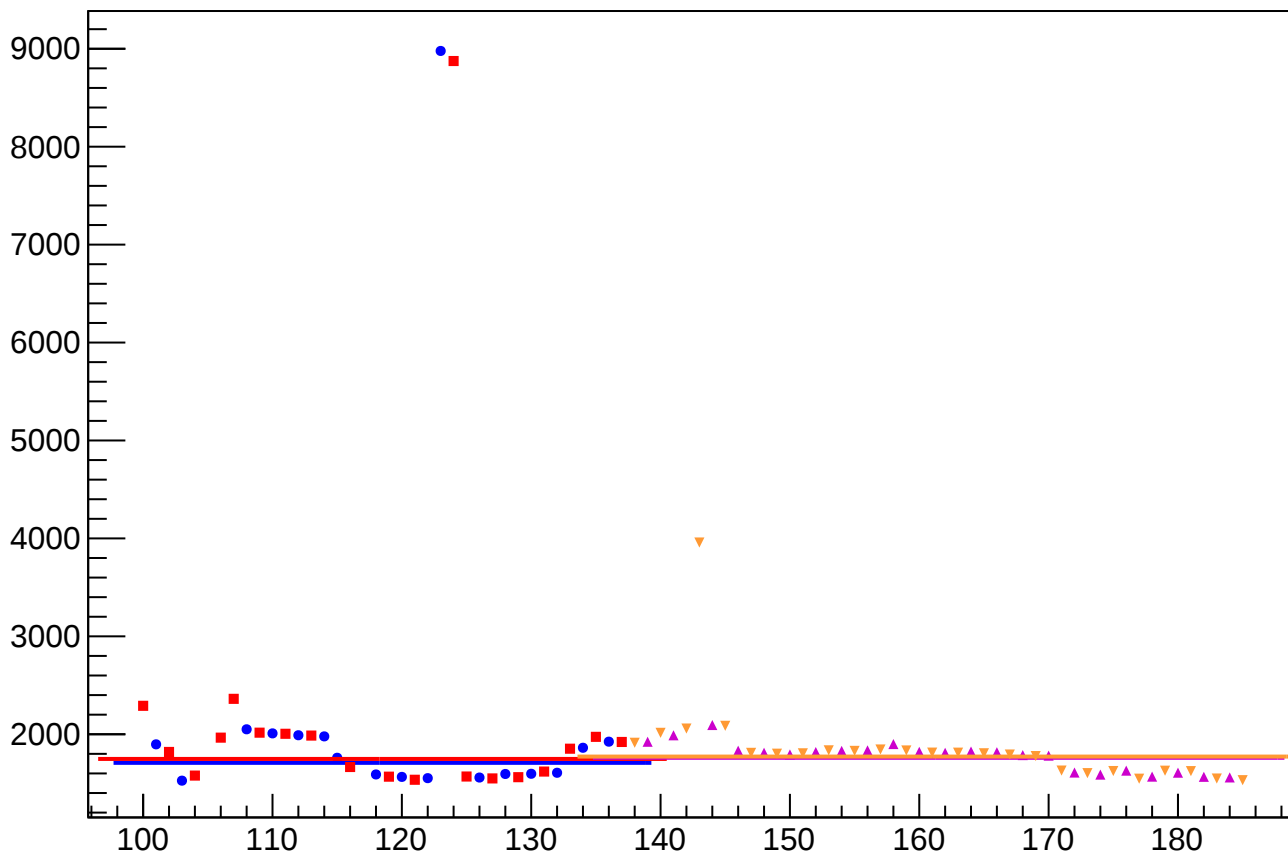
Left In: -2414.749 ± 423.472 χ^2/NDF : 34.0/22

+ sign 1004.386 ± 354.615 χ^2/NDF : 48.8/41

All: -506.903 ± 252.090 χ^2/NDF : 142.5/83

- sign -2050.923 ± 358.435 χ^2/NDF : 56.9/41

reg_asym_atl_avg_rms vs Slug



Right In: 1708.196+/-0.475 χ^2/NDF : 195783.3/16

Left Out: 1772.114+/-0.295 χ^2/NDF : 702309.6/24

Right Out: 1748.067+/-0.474 χ^2/NDF : 396355.2/18

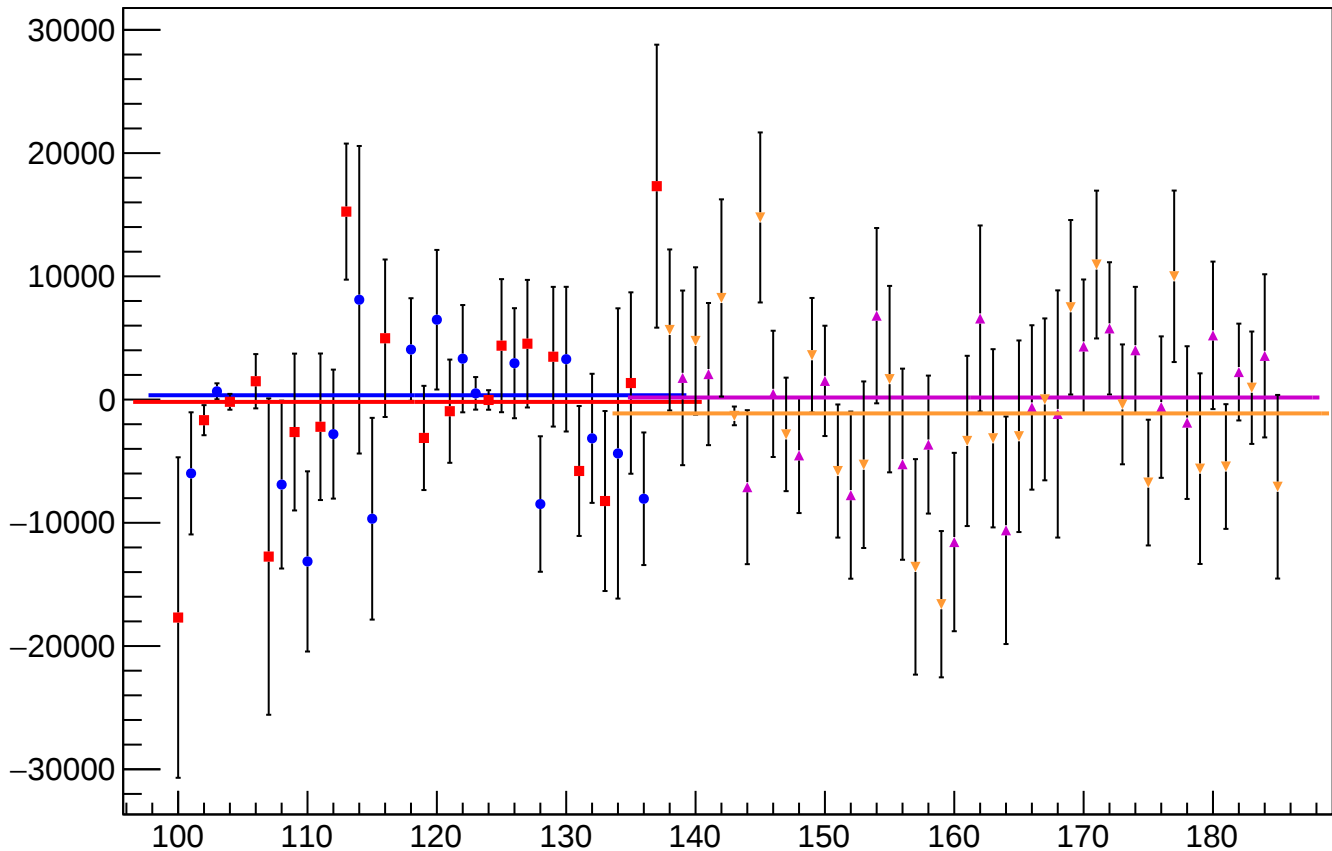
Left In: 1759.600+/-0.299 χ^2/NDF : 214891.5/22

+ sign 1754.321+/-0.251 χ^2/NDF : 911145.6/41

All: 1755.305+/-0.178 χ^2/NDF : 1522846.7/83

- sign 1756.308+/-0.253 χ^2/NDF : 611670.0/41

asym_atl_avg_correction_mean vs Slug



Right In: 350.603 ± 540.664 χ^2/NDF : 17.3/16

Left Out: -1122.788 ± 647.633 χ^2/NDF : 31.6/24

Right Out: -188.213 ± 433.673 χ^2/NDF : 20.8/18

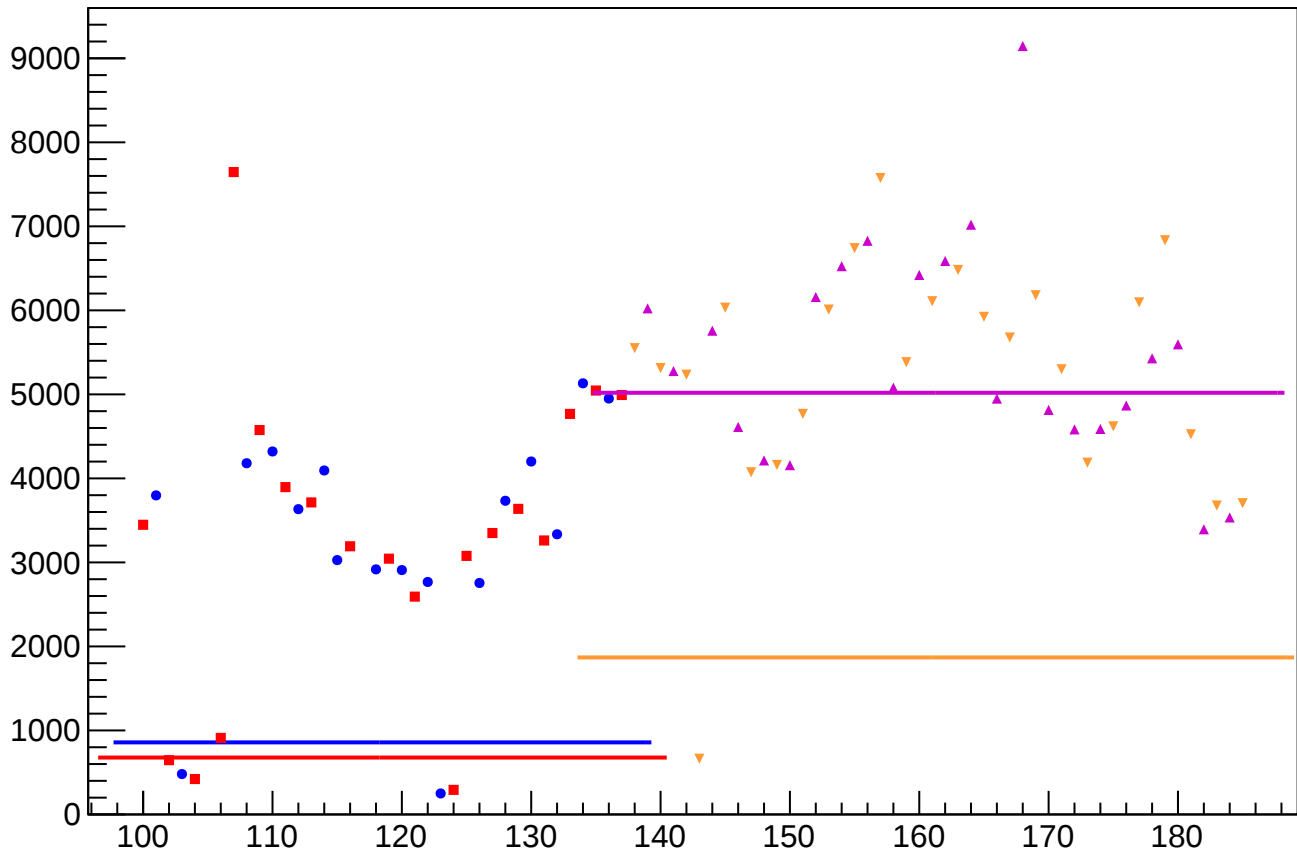
Left In: 168.182 ± 1232.411 χ^2/NDF : 14.2/22

+ sign -254.526 ± 415.044 χ^2/NDF : 51.9/41

All: -200.972 ± 291.350 χ^2/NDF : 87.0/83

- sign -148.945 ± 409.084 χ^2/NDF : 35.0/41

asym_atl_avg_correction_rms vs Slug



Right In: 857.789 ± 0.382 χ^2/NDF : 8126360.1/16

Left Out: 1868.728 ± 0.458 χ^2/NDF : 19849641.2/24

+ sign 1272.986 ± 0.293 χ^2/NDF : 30847804.8/41

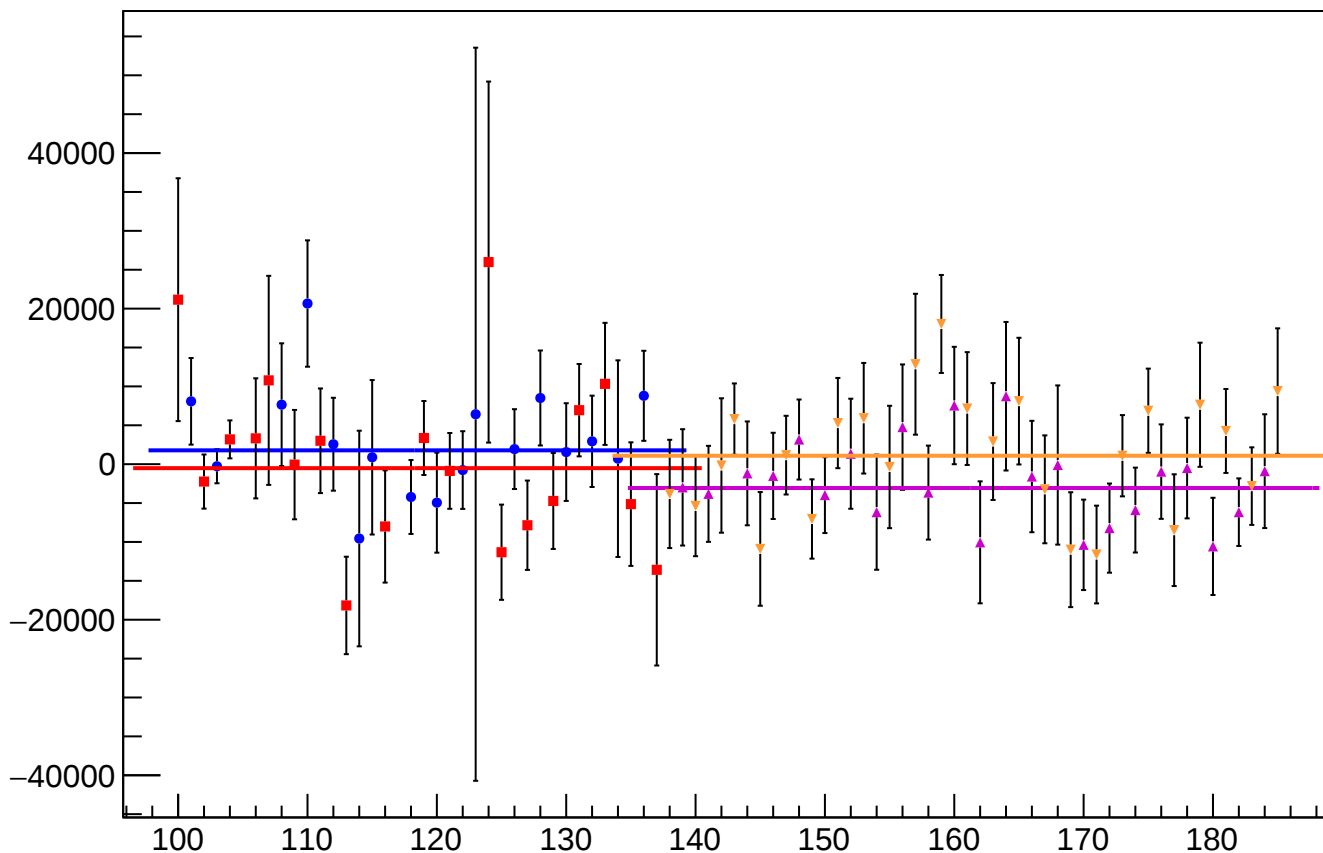
Right Out: 677.369 ± 0.307 χ^2/NDF : 8357347.2/18

All: 1213.523 ± 0.206 χ^2/NDF : 62942698.8/8

- sign 1155.755 ± 0.289 χ^2/NDF : 32013958.6/41

Left In: 5019.114 ± 0.871 χ^2/NDF : 1569031.9/22

asym_atl_avg_mean vs Slug



Right In: 1778.180 $\pm$ 1313.267 χ^2 /NDF: 14.5/16

Left Out: 1084.628 $\pm$ 1273.339 χ^2 /NDF:32.0/24

Right Out: -512.708 $\pm$ 1288.422 χ^2 /NDF: 26.9/18

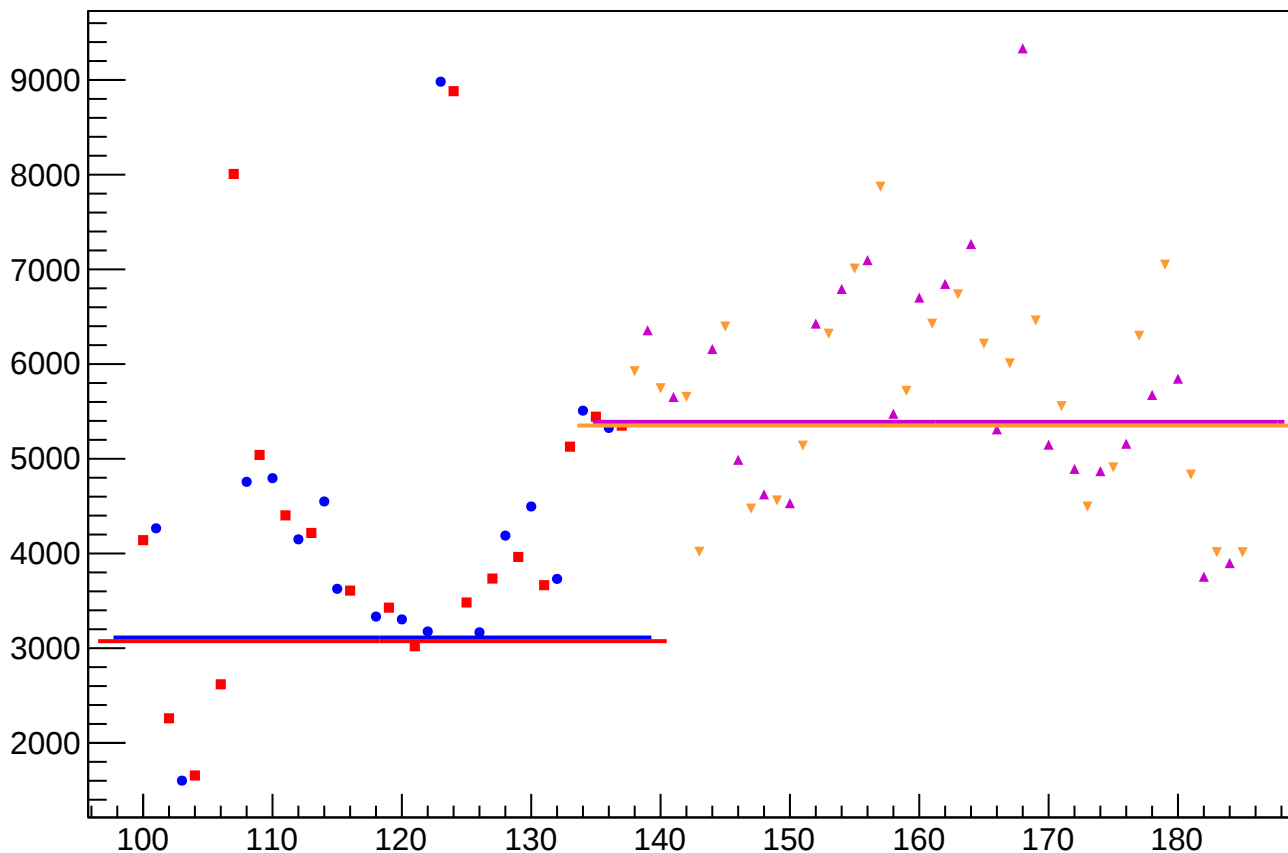
Left In: -3064.775 $\pm$ 1318.173 χ^2 /NDF:12.6/22

+ sign 1420.701 $\pm$ 914.176 χ^2 /NDF: 46.6/41

All: -156.959 $\pm$ 648.956 χ^2 /NDF: 94.0/83

- sign -1759.617 $\pm$ 921.391 χ^2 /NDF: 41.4/41

asym_atl_avg_rms vs Slug



Right In: 3112.592 $\pm$ 0.929 χ^2 /NDF: 1882559.8/16

Left Out: 5351.074 $\pm$ 0.900 χ^2 /NDF:1241392.4/24

Right Out: 3074.355 $\pm$ 0.898 χ^2 /NDF: 2007121.5/18

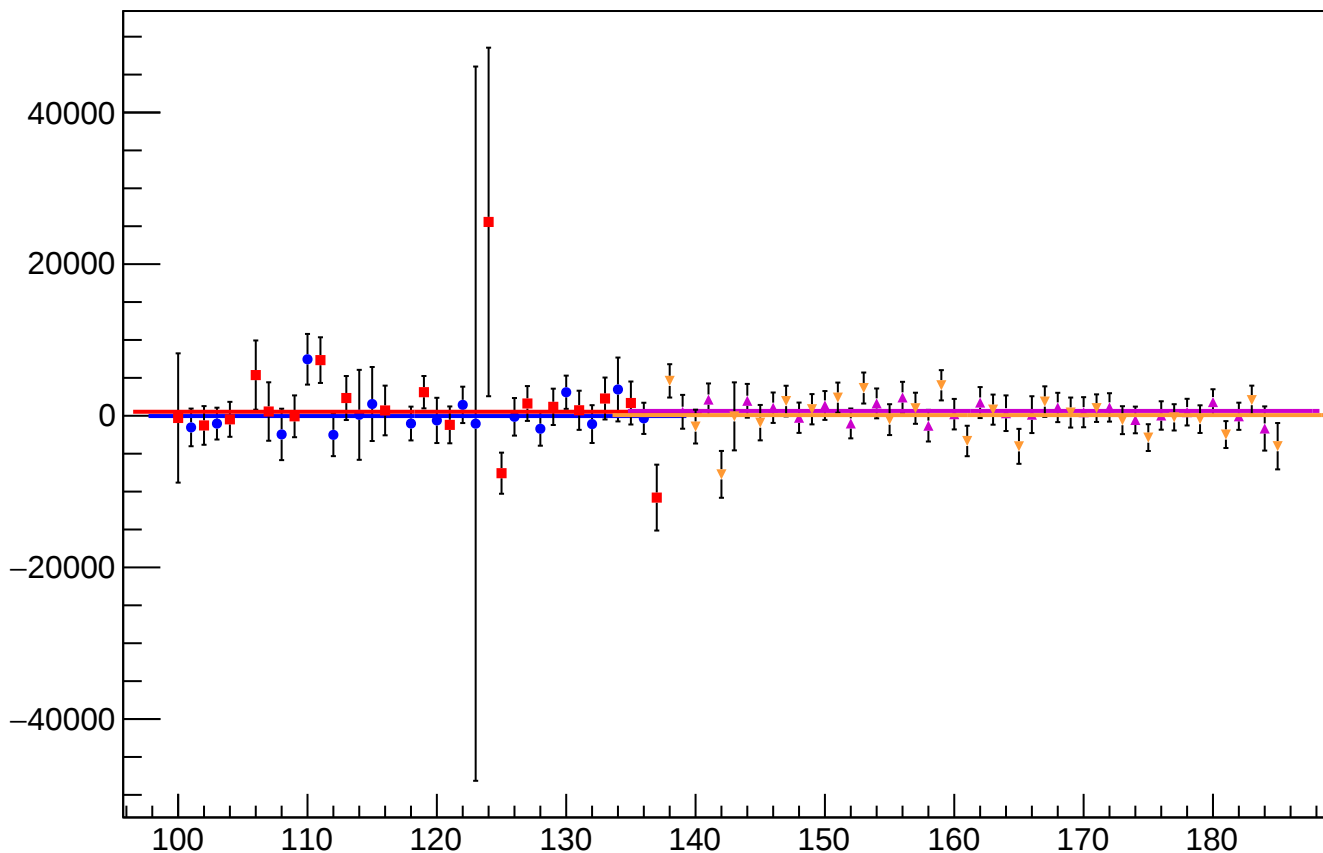
Left In: 5389.724 $\pm$ 0.932 χ^2 /NDF:1309863.0/22

+ sign 4266.373 $\pm$ 0.646 χ^2 /NDF: 6119009.7/41

All: 4227.545 $\pm$ 0.457 χ^2 /NDF: 12644021.1/8

- sign 4188.692 $\pm$ 0.647 χ^2 /NDF: 6517793.1/41

reg_asym_atl_dd_mean vs Slug



Right In: -38.244 ± 662.838 χ^2/NDF : 11.1/16

Left Out: 89.115 ± 411.599 χ^2/NDF : 36.1/24

Right Out: 530.114 ± 663.235 χ^2/NDF : 27.1/18

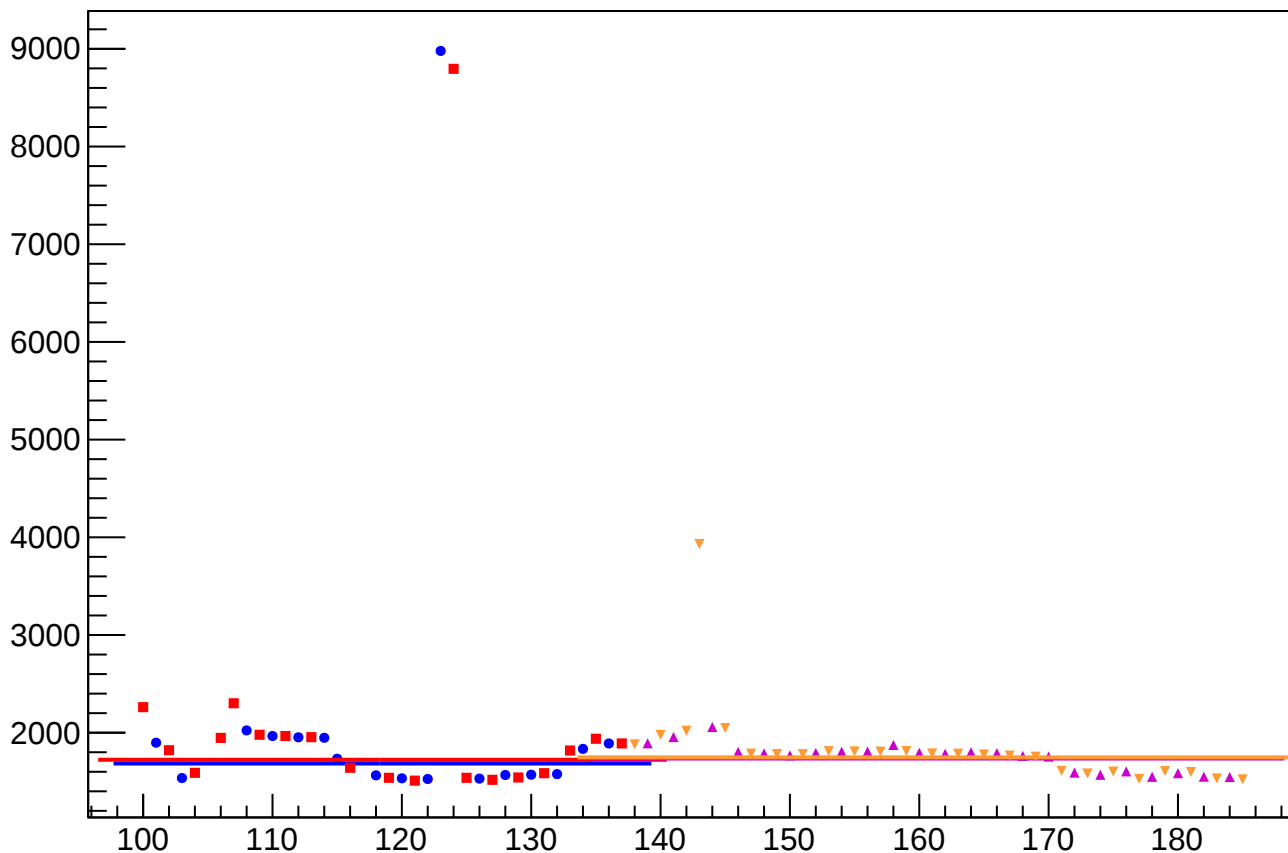
Left In: 640.235 ± 417.645 χ^2/NDF : 6.2/22

+ sign 53.672 ± 349.668 χ^2/NDF : 47.3/41

All: 328.363 ± 248.566 χ^2/NDF : 81.8/83

- sign 608.967 ± 353.412 χ^2/NDF : 33.3/41

reg_asym_atl_dd_rms vs Slug



Right In: 1684.672+/-0.469 χ^2/NDF : 194019.0/16

Left Out: 1747.394+/-0.291 χ^2/NDF : 698002.7/24

Right Out: 1723.015+/-0.467 χ^2/NDF : 392549.0/18

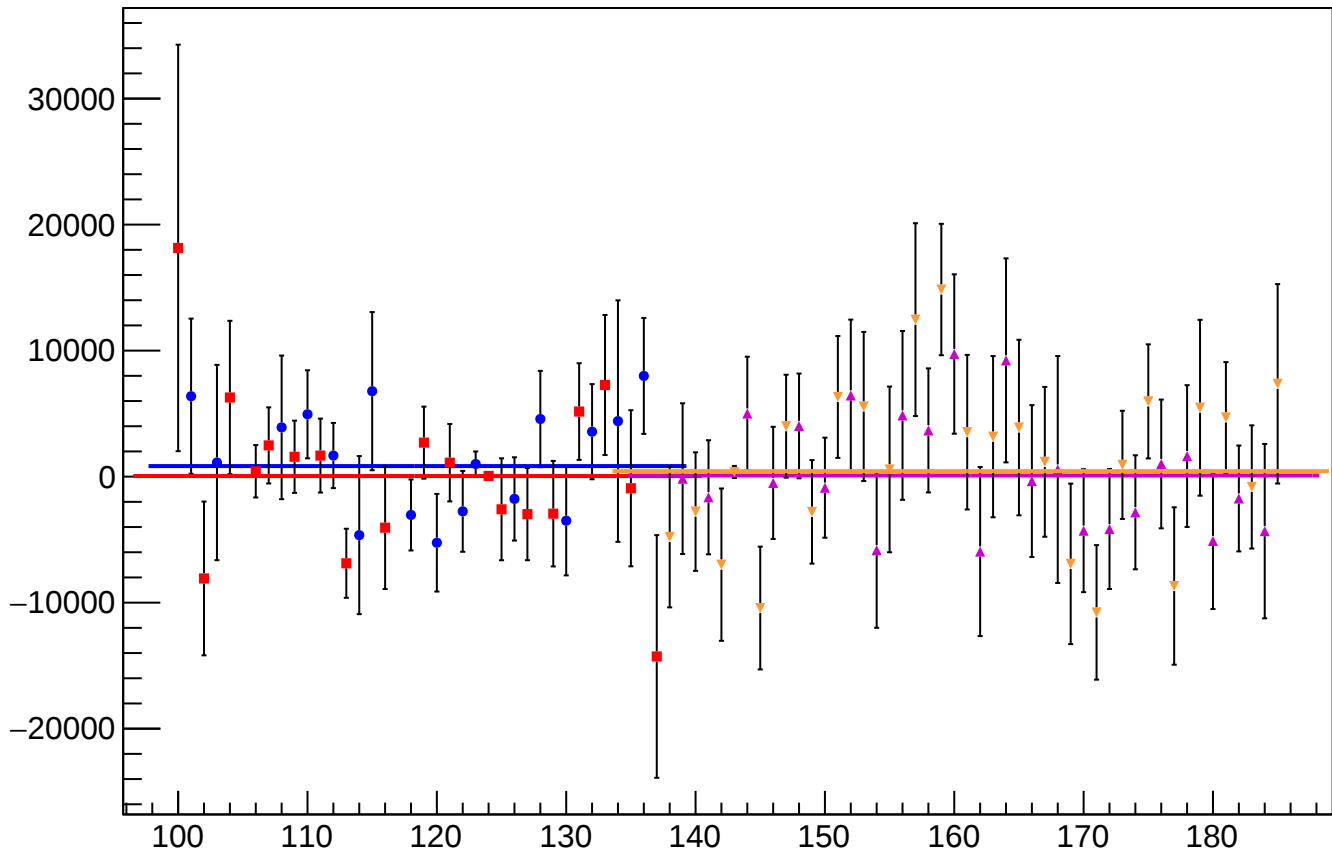
Left In: 1735.540+/-0.295 χ^2/NDF : 206766.6/22

+ sign 1729.939+/-0.247 χ^2/NDF : 904946.1/41

All: 1730.941+/-0.176 χ^2/NDF : 1504808.9/83

- sign 1731.962+/-0.250 χ^2/NDF : 599829.6/41

asym_atl_dd_correction_mean vs Slug



Right In: 838.236 ± 706.837 χ^2/NDF : 15.6/16

Left Out: 439.107 ± 440.344 χ^2/NDF : 33.9/24

Right Out: 47.538 ± 357.307 χ^2/NDF : 20.8/18

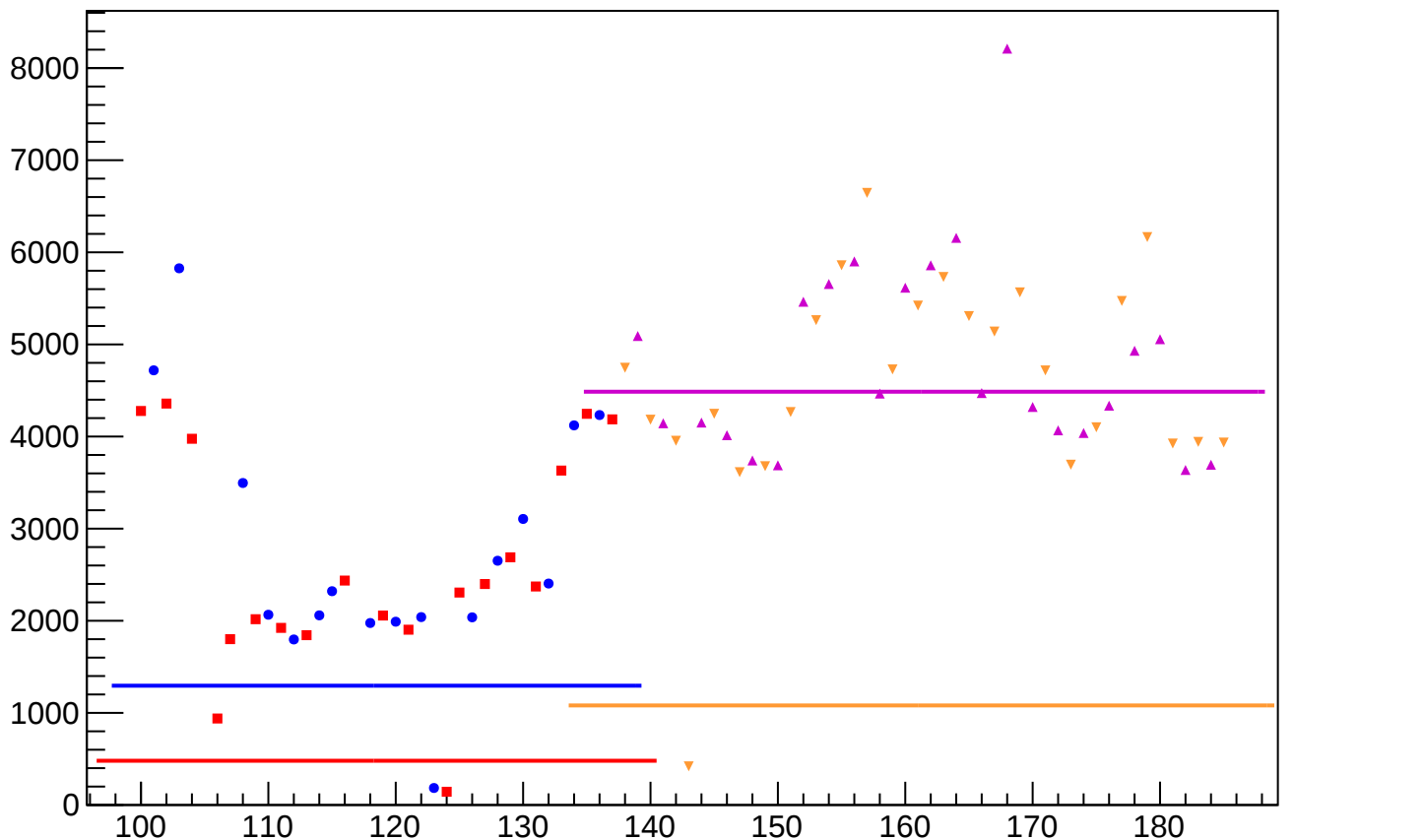
Left In: 88.508 ± 1094.838 χ^2/NDF : 13.4/22

+ sign 550.700 ± 373.750 χ^2/NDF : 49.7/41

All: 277.302 ± 251.372 χ^2/NDF : 84.9/83

- sign 51.482 ± 339.676 χ^2/NDF : 34.2/41

asym_atl_dd_correction_rms vs Slug



Right In: 1295.065+/-0.500 χ^2/NDF : 6509427.9/16

Left Out: 1080.855+/-0.311 χ^2/NDF :24451010.8/24

Right Out: 480.403+/-0.253 χ^2/NDF : 10116692.6/18

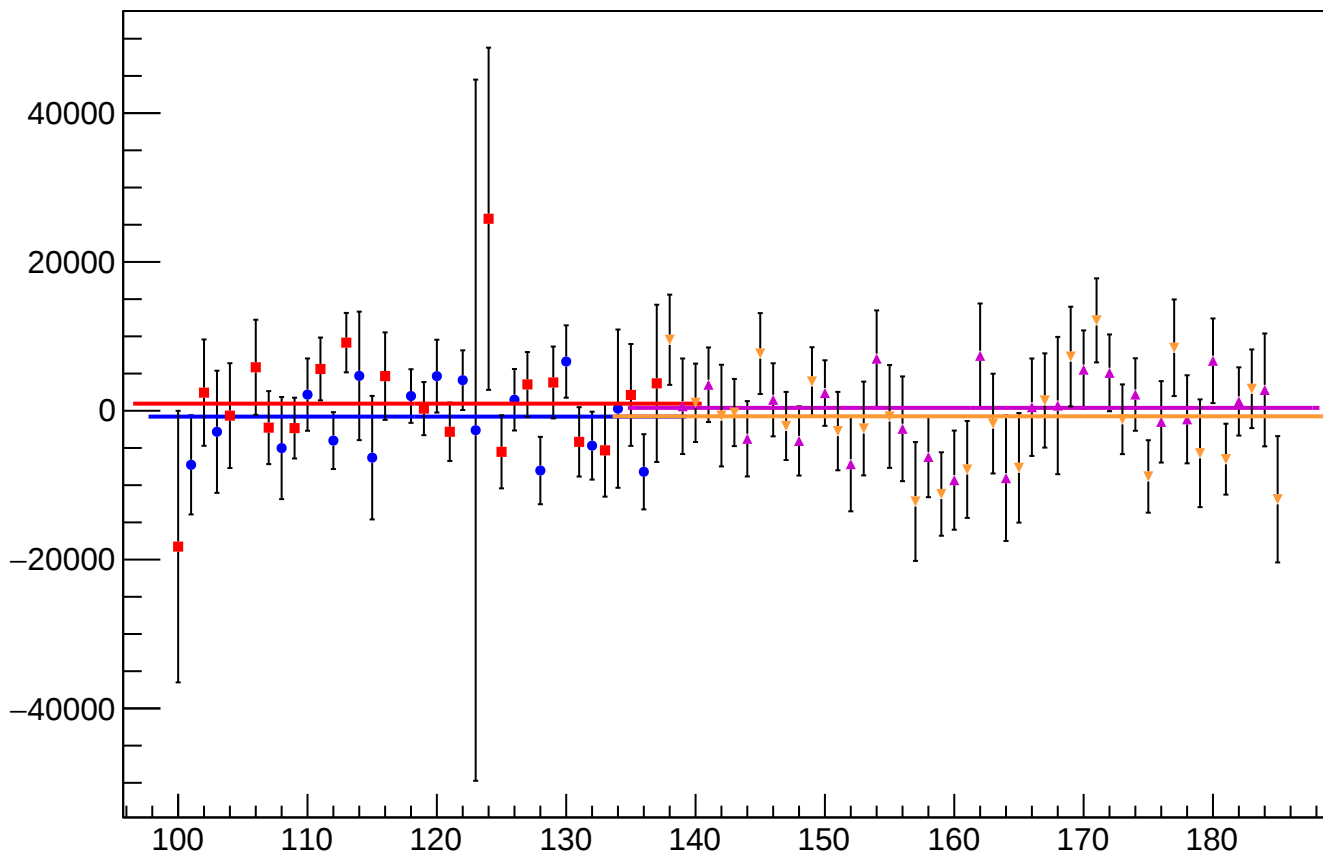
Left In: 4486.570+/-0.774 χ^2/NDF :1181598.1/22

+ sign 1140.746+/-0.264 χ^2/NDF : 31092765.6/41

All: 990.293+/-0.178 χ^2/NDF : 67183858.7/83

- sign 866.022+/-0.240 χ^2/NDF : 35499303.4/41

asym_atl_dd_mean vs Slug



Right In: -786.677 ± 1265.533 χ^2/NDF : 14.7/16

Left Out: -745.032 ± 1147.519 χ^2/NDF : 30.1/24

Right Out: 957.432 ± 1194.177 χ^2/NDF : 15.6/18

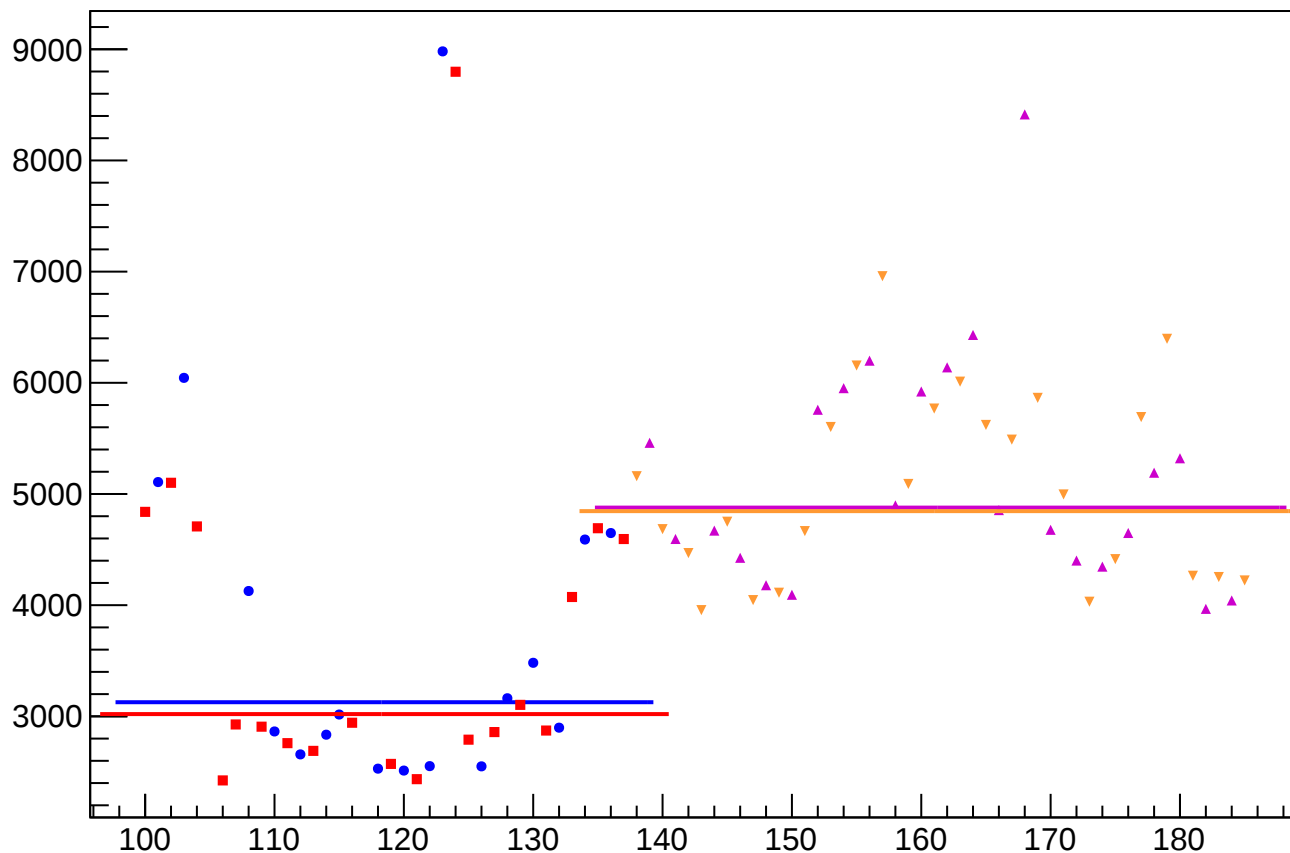
Left In: 388.944 ± 1186.300 χ^2/NDF : 14.2/22

+ sign -763.823 ± 850.086 χ^2/NDF : 44.8/41

All: -39.069 ± 598.083 χ^2/NDF : 76.1/83

- sign 671.307 ± 841.612 χ^2/NDF : 29.9/41

asym_atl_dd_rms vs Slug



Right In: 3127.109+/-0.895 χ^2/NDF : 942783.2/16

Left Out: 4845.773+/-0.811 χ^2/NDF : 909320.5/24

Right Out: 3020.357+/-0.834 χ^2/NDF : 791453.3/18

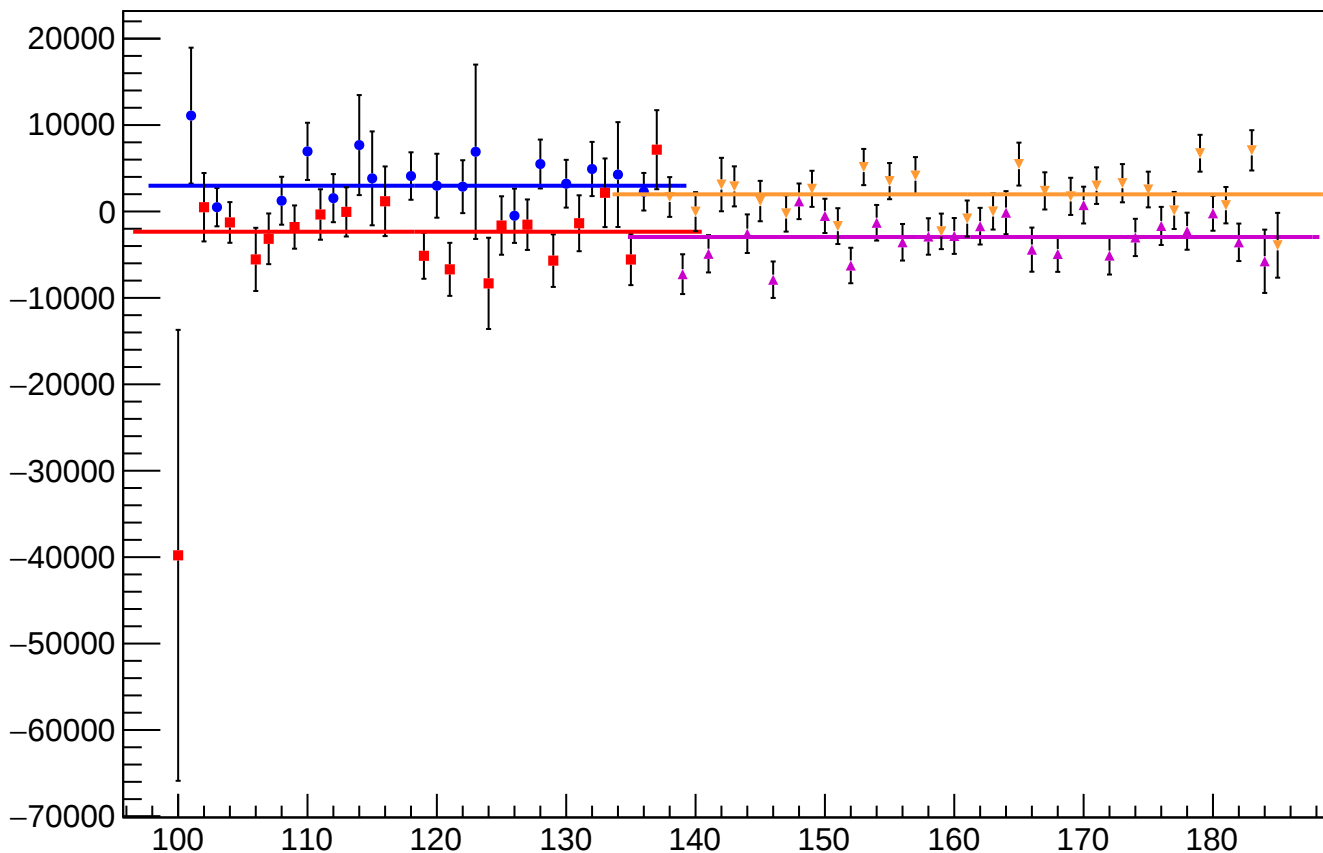
Left In: 4877.456+/-0.839 χ^2/NDF : 958623.2/22

+ sign 4070.290+/-0.601 χ^2/NDF : 3876397.3/41

All: 4005.788+/-0.422 χ^2/NDF : 8114431.0/83

- sign 3943.356+/-0.591 χ^2/NDF : 4215373.7/41

reg_asym_atr_avg_mean vs Slug



Right In: 2978.237 ± 777.589 χ^2/NDF : 8.0/16

Left Out: 1984.491 ± 443.244 χ^2/NDF : 32.4/24

Right Out: -2344.712 ± 742.207 χ^2/NDF : 18.1/18

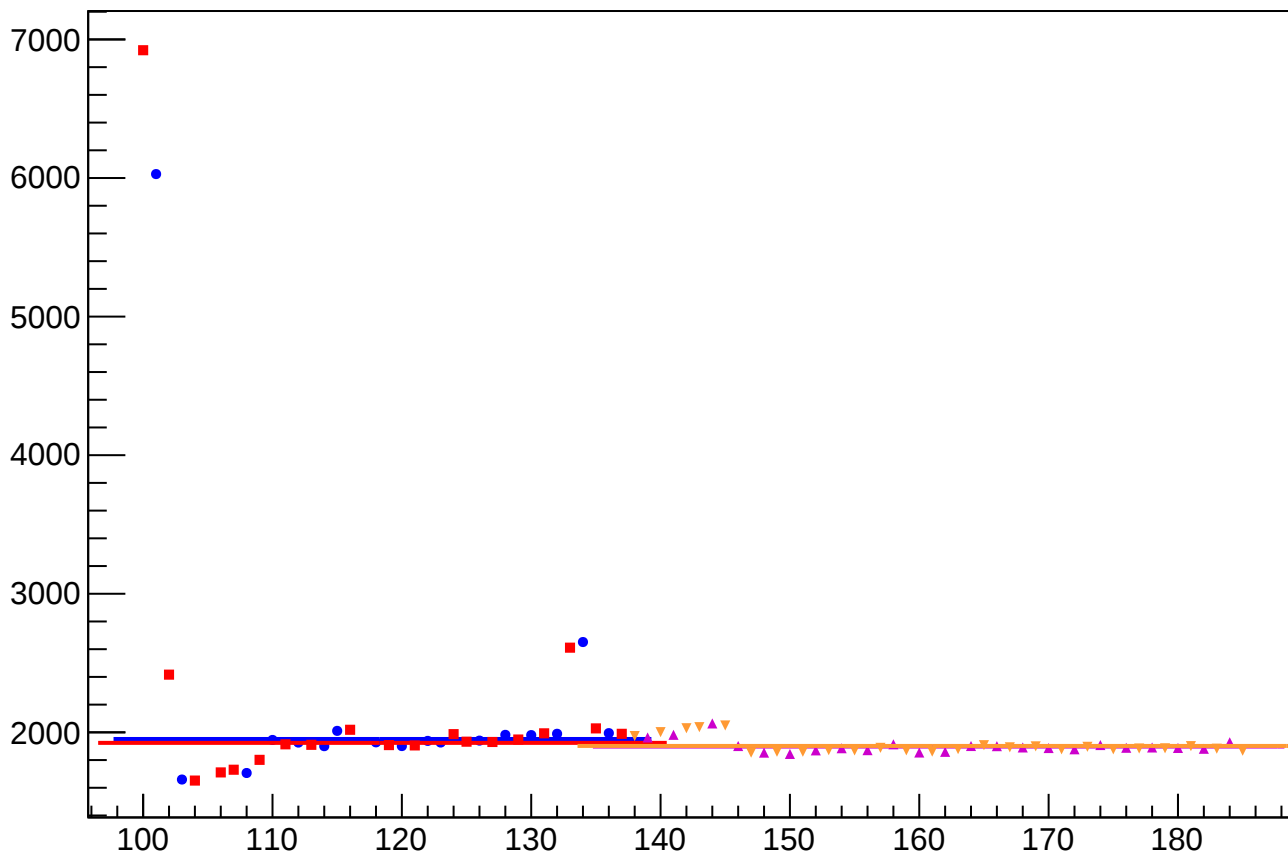
Left In: -2955.900 ± 454.551 χ^2/NDF : 28.4/22

+ sign 2228.198 ± 385.076 χ^2/NDF : 41.6/41

All: -263.901 ± 273.189 χ^2/NDF : 173.0/83

- sign -2789.189 ± 387.632 χ^2/NDF : 47.1/41

reg_asym_atr_avg_rms vs Slug



Right In: 1952.104+/-0.550 χ^2/NDF : 617388.5/16

Left Out: 1901.877+/-0.313 χ^2/NDF : 30450.7/24

Right Out: 1924.009+/-0.524 χ^2/NDF : 217499.2/18

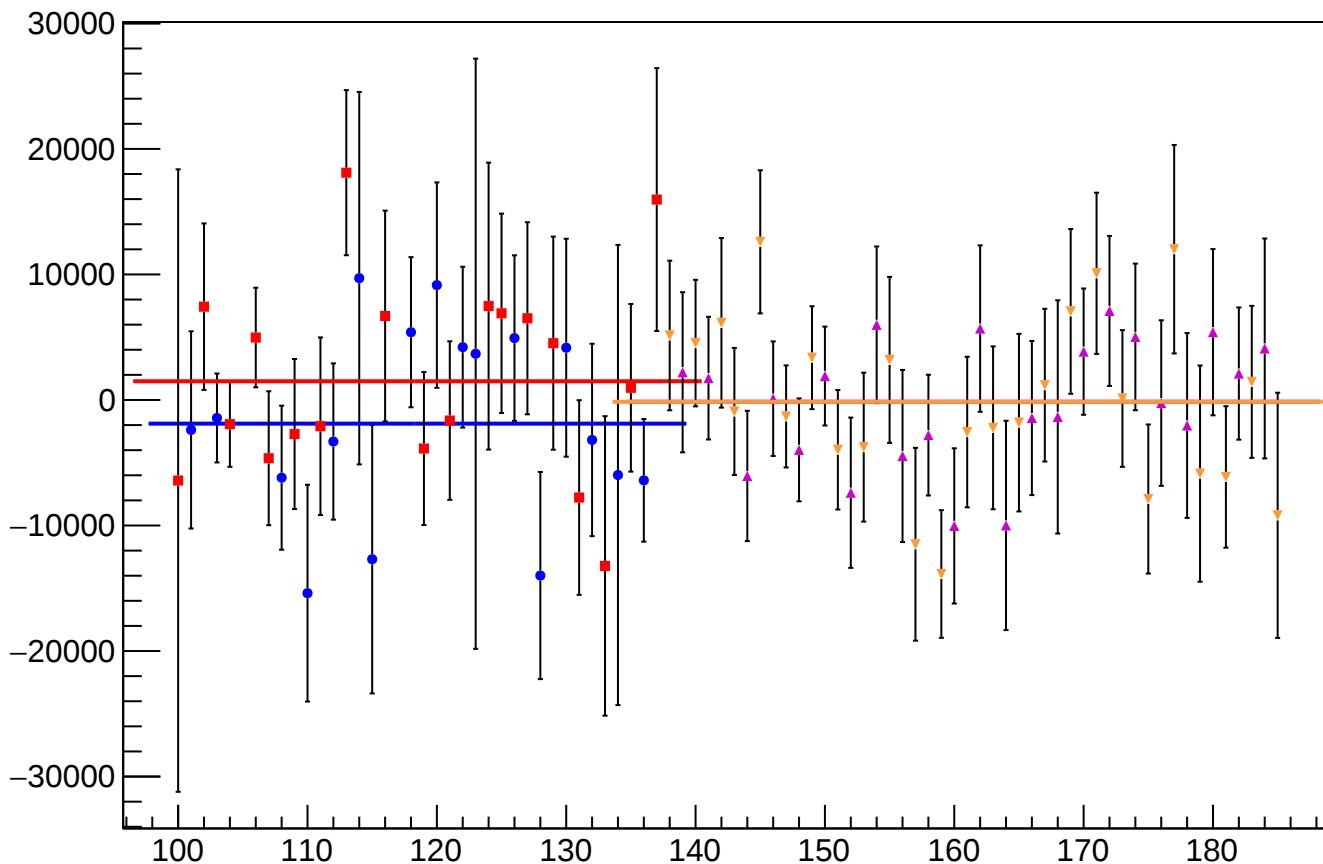
Left In: 1897.456+/-0.321 χ^2/NDF : 21180.1/22

+ sign 1914.195+/-0.272 χ^2/NDF : 654137.4/41

All: 1909.487+/-0.193 χ^2/NDF : 895286.1/83

- sign 1904.723+/-0.274 χ^2/NDF : 240547.3/41

asym_atr_avg_correction_mean vs Slug



Right In: -1885.502 $\pm$ 1665.011 χ^2 /NDF: 13.6/16

Left Out: -140.181 $\pm$ 1165.955 χ^2 /NDF: 29.5/24

Right Out: 1490.988 $\pm$ 1479.647 χ^2 /NDF: 18.7/18

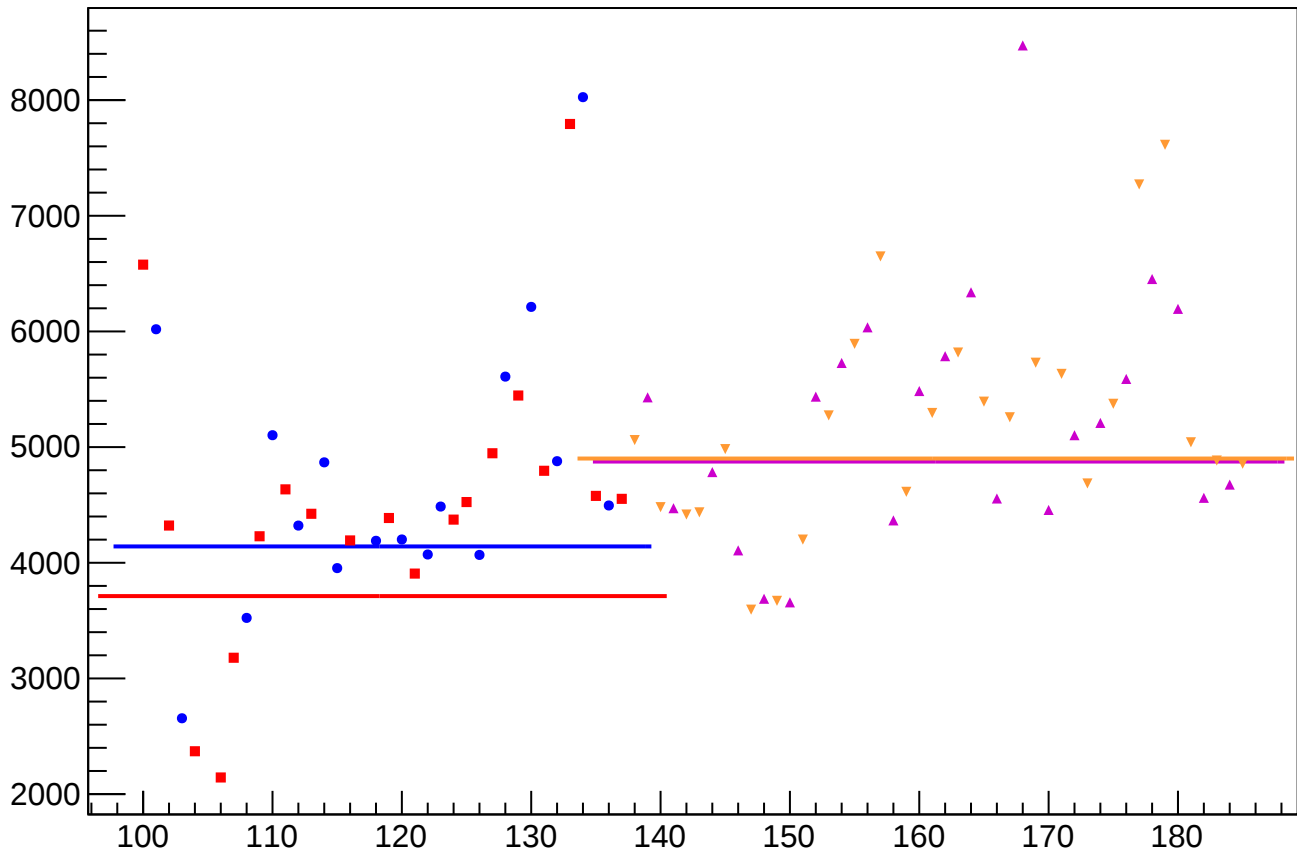
Left In: -139.000 $\pm$ 1190.889 χ^2 /NDF: 14.7/22

+ sign -714.441 $\pm$ 955.067 χ^2 /NDF: 43.9/41

All: -88.673 $\pm$ 665.459 χ^2 /NDF: 78.9/83

- sign 501.785 $\pm$ 927.731 χ^2 /NDF: 34.2/41

asym_atr_avg_correction_rms vs Slug



Right In: 4141.263+/-1.177 χ^2/NDF : 818140.6/16

Left Out: 4901.196+/-0.824 χ^2/NDF : 1136923.2/24

Right Out: 3711.958+/-1.046 χ^2/NDF : 1276723.1/18

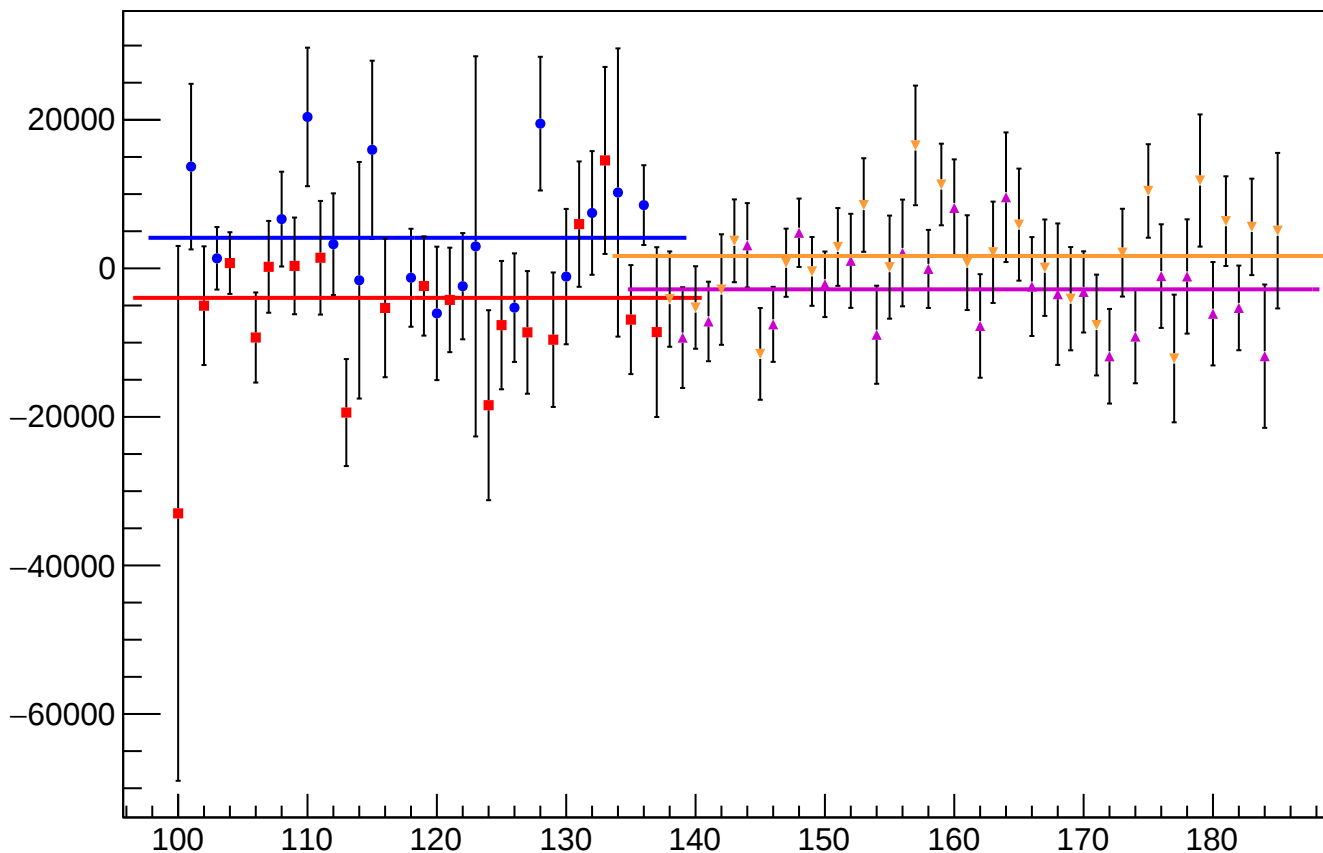
Left In: 4875.112+/-0.842 χ^2/NDF : 1229198.0/22

+ sign 4651.156+/-0.675 χ^2/NDF : 2234607.3/41

All: 4531.117+/-0.471 χ^2/NDF : 5551983.7/83

- sign 4417.850+/-0.656 χ^2/NDF : 3255970.1/41

asym_atr_avg_mean vs Slug



Right In: 4116.431+/-1876.246 χ^2/NDF : 14.1/16

Left Out: 1667.369+/-1261.777 χ^2/NDF : 25.3/24

Right Out: -3971.073+/-1728.385 χ^2/NDF : 14.8/18

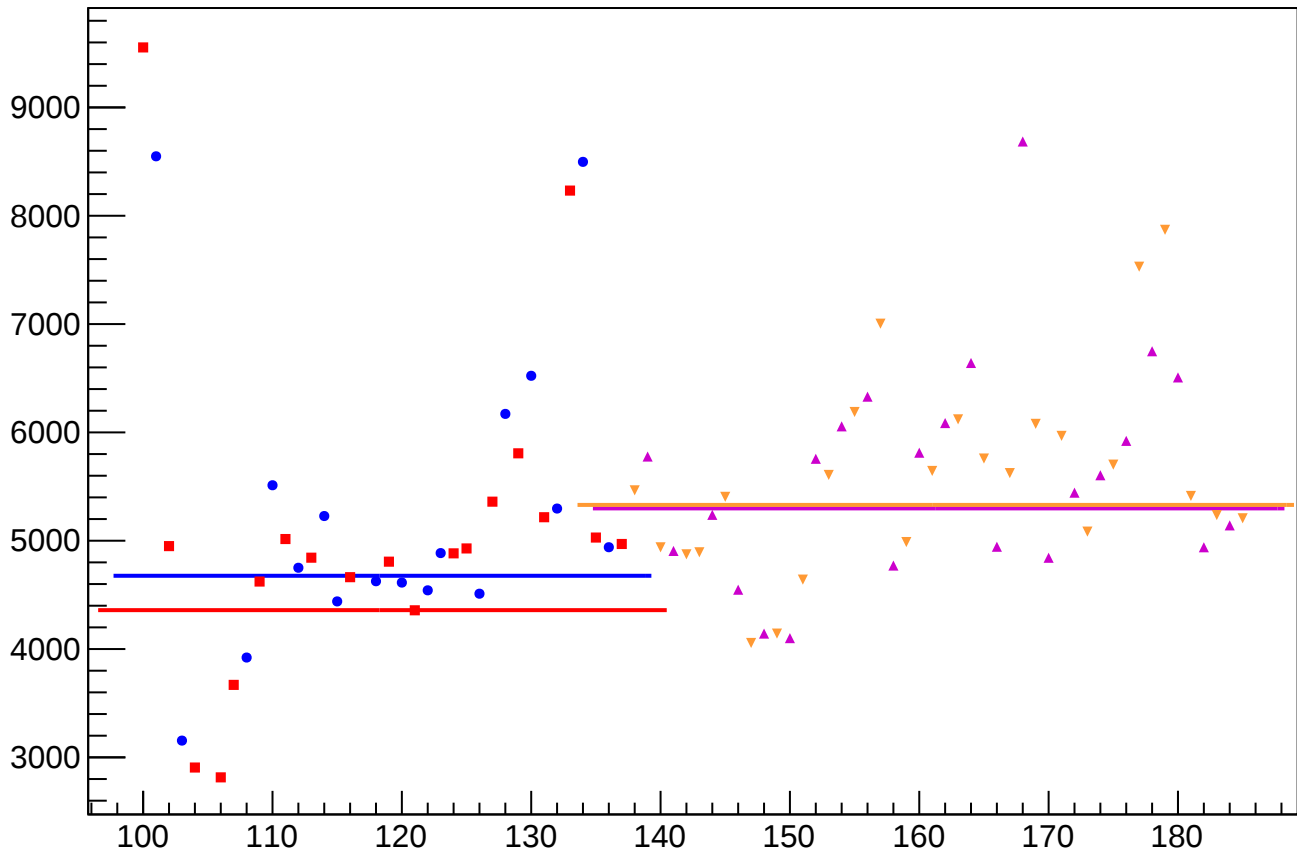
Left In: -2824.078+/-1288.414 χ^2/NDF : 18.0/22

+ sign 2430.048+/-1047.034 χ^2/NDF : 40.6/41

All: -440.117+/-735.348 χ^2/NDF : 88.5/83

- sign -3233.782+/-1032.986 χ^2/NDF : 33.1/41

asym_atr_avg_rms vs Slug



Right In: 4676.405+/-1.327 χ^2/NDF : 783034.3/16

Left Out: 5330.578+/-0.892 χ^2/NDF : 868097.7/24

Right Out: 4359.077+/-1.215 χ^2/NDF : 833565.3/18

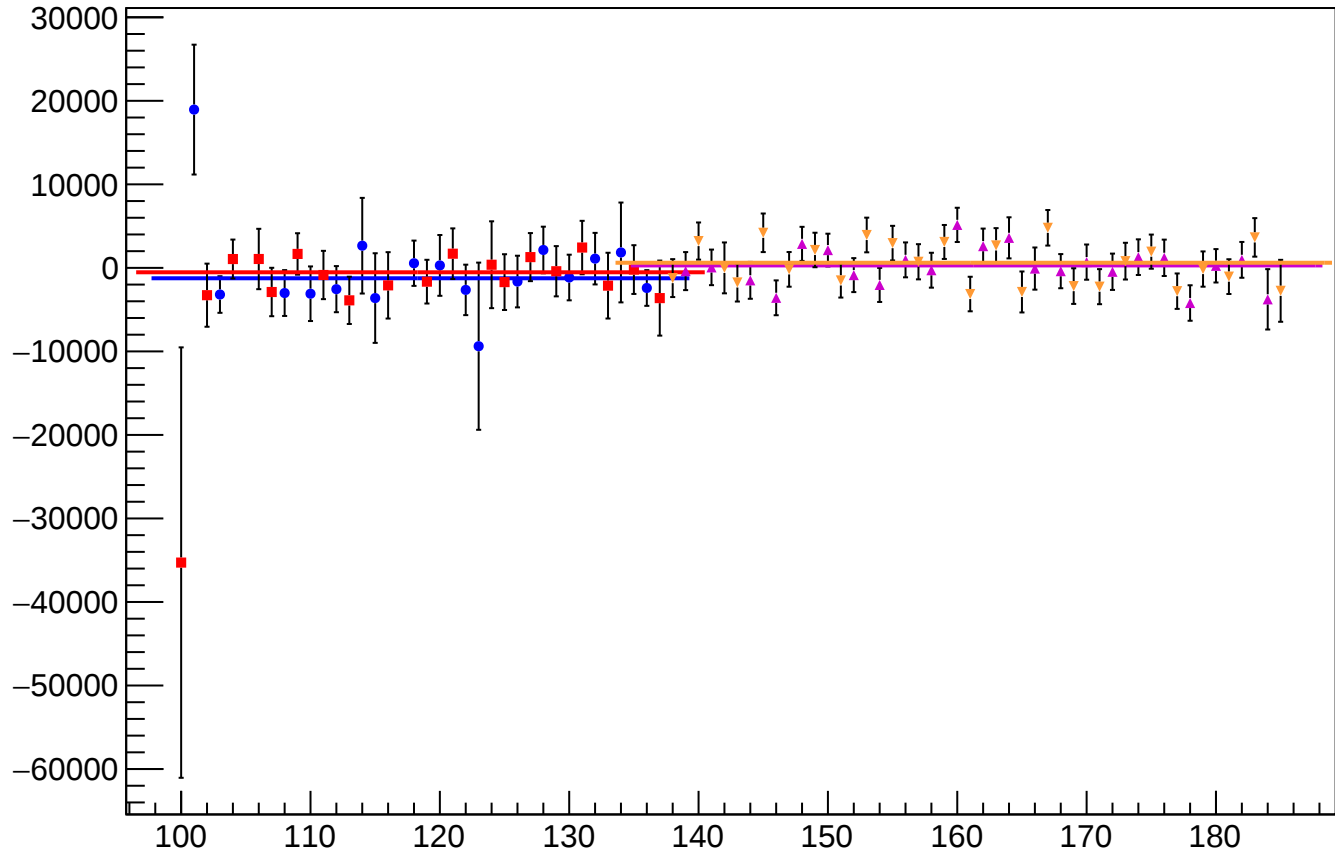
Left In: 5298.329+/-0.911 χ^2/NDF : 956021.6/22

+ sign 5126.858+/-0.740 χ^2/NDF : 1818546.4/41

All: 5042.291+/-0.519 χ^2/NDF : 4016325.4/83

- sign 4960.320+/-0.729 χ^2/NDF : 2172085.6/41

reg_asym_atr_dd_mean vs Slug



Right In: -1245.595 ± 767.454 χ^2/NDF : 13.3/16

Left Out: 613.289 ± 438.321 χ^2/NDF : 32.7/24

Right Out: -528.673 ± 732.449 χ^2/NDF : 8.8/18

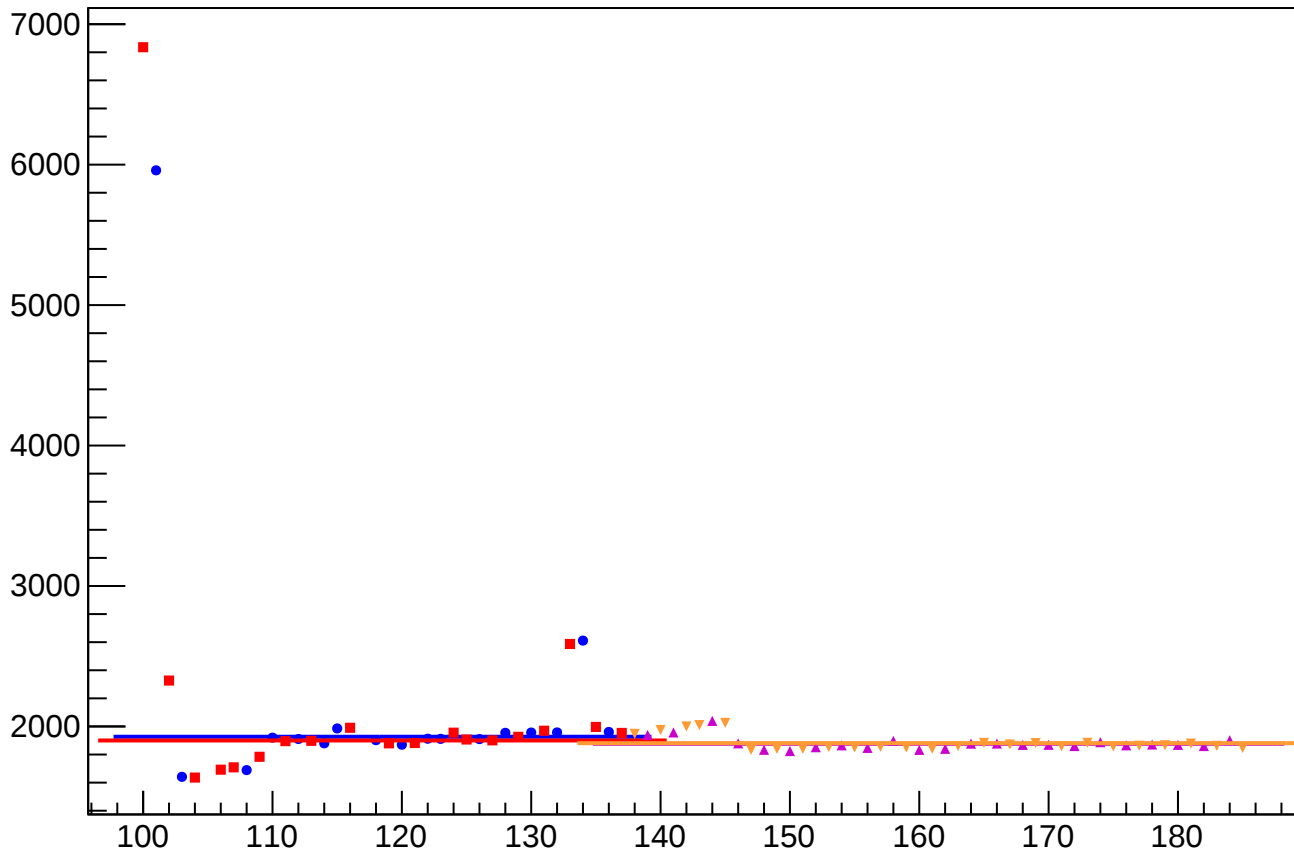
Left In: 293.009 ± 449.575 χ^2/NDF : 23.6/22

+ sign 156.070 ± 380.617 χ^2/NDF : 50.4/41

All: 112.405 ± 270.030 χ^2/NDF : 83.8/83

- sign 68.155 ± 383.156 χ^2/NDF : 33.4/41

reg_asym_atr_dd_rms vs Slug



Right In: 1926.691+/-0.543 χ^2/NDF : 615898.2/16

Left Out: 1880.816+/-0.310 χ^2/NDF : 28653.5/24

+ sign 1892.099+/-0.269 χ^2/NDF : 649940.3/41

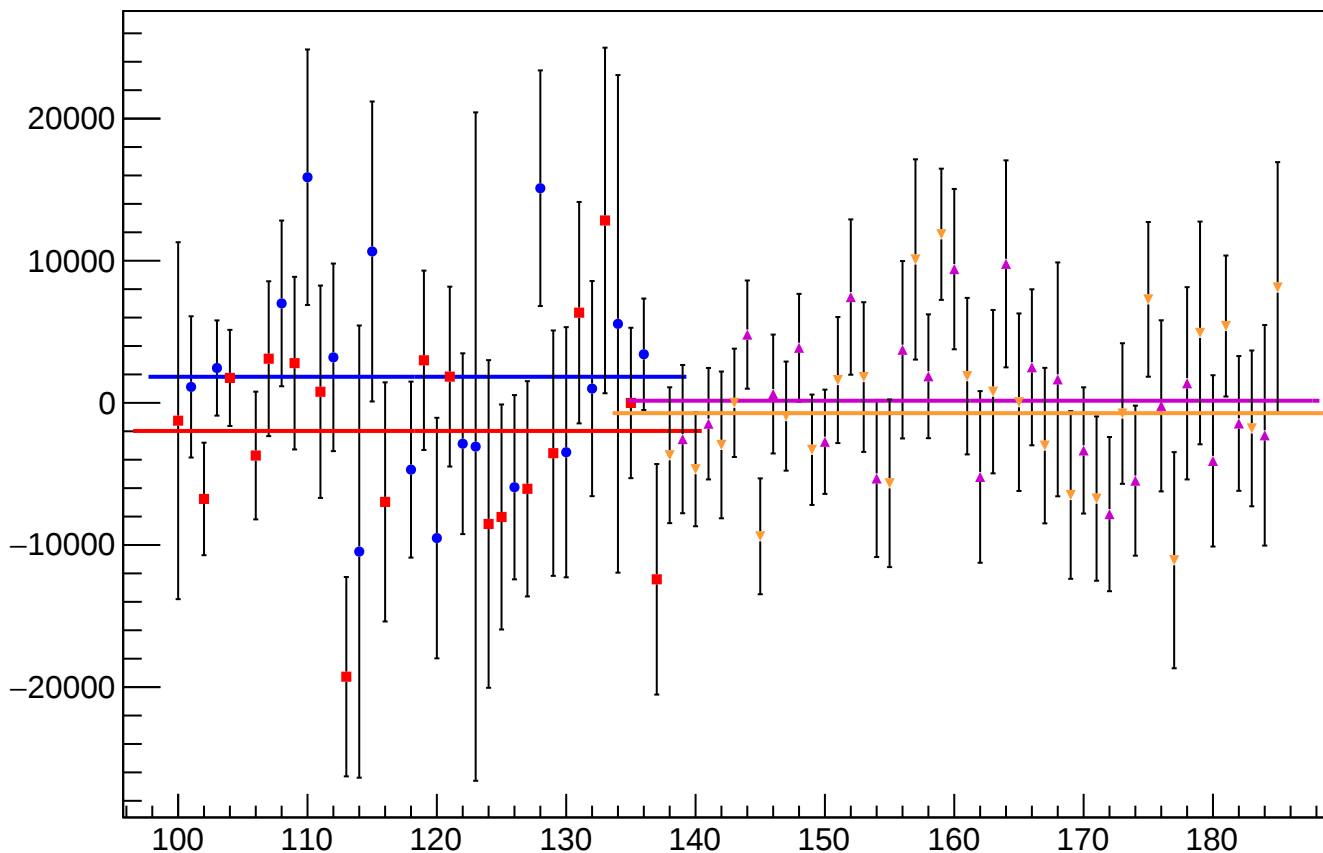
Right Out: 1900.134+/-0.517 χ^2/NDF : 210983.9/18

All: 1887.638+/-0.191 χ^2/NDF : 883470.7/83

- sign 1883.123+/-0.271 χ^2/NDF : 232977.5/41

Left In: 1876.685+/-0.318 χ^2/NDF : 20499.7/22

asym_atr_dd_correction_mean vs Slug



Right In: 1834.690 $\pm$ 1559.964 χ^2 /NDF: 12.7/16

Left Out: -723.238 $\pm$ 1017.808 χ^2 /NDF:27.2/24

Right Out: -1977.025 $\pm$ 1415.600 χ^2 /NDF: 17.5/18

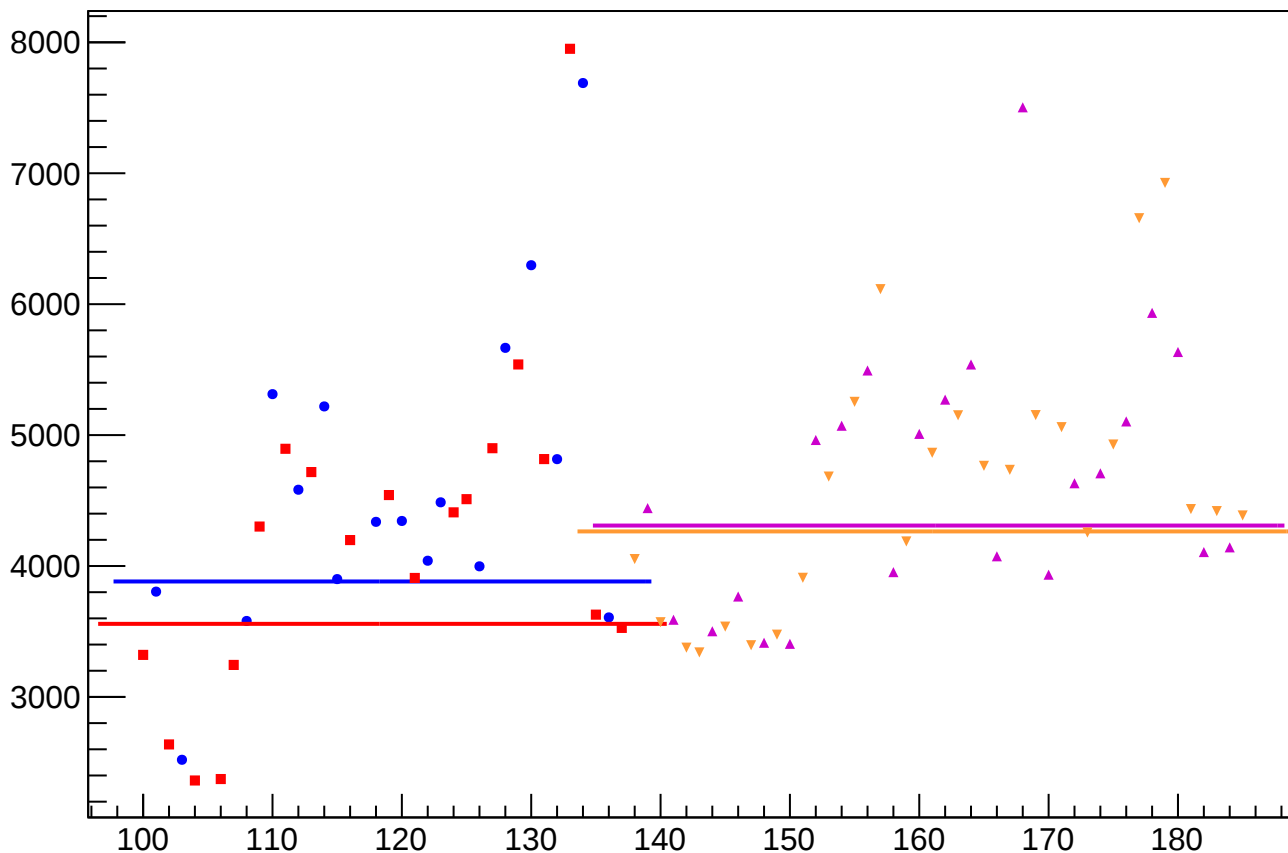
Left In: 150.495 $\pm$ 1053.655 χ^2 /NDF:16.9/22

+ sign 40.533 $\pm$ 852.417 χ^2 /NDF: 41.7/41

All: -286.467 $\pm$ 600.191 χ^2 /NDF: 77.9/83

- sign -607.971 $\pm$ 845.224 χ^2 /NDF: 35.9/41

asym_atr_dd_correction_rms vs Slug



Right In: 3881.913+/-1.103 χ^2 /NDF: 821979.1/16

Left Out: 4264.264+/-0.720 χ^2 /NDF:1354806.8/24

Right Out: 3558.184+/-1.001 χ^2 /NDF: 1242011.6/18

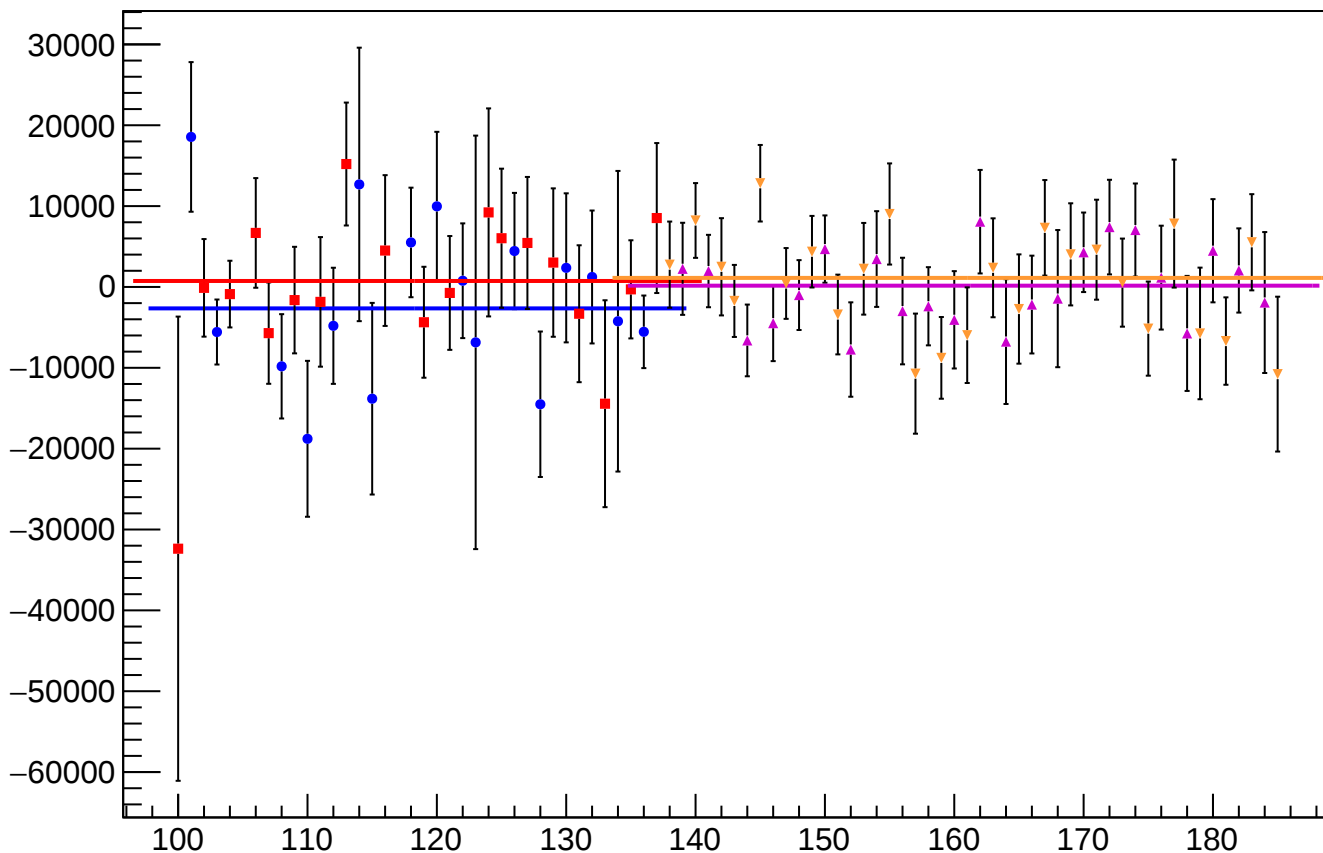
Left In: 4309.034+/-0.745 χ^2 /NDF:1305133.3/22

+ sign 4150.098+/-0.603 χ^2 /NDF: 2261060.4/41

All: 4095.265+/-0.424 χ^2 /NDF: 5186695.8/83

- sign 4041.354+/-0.598 χ^2 /NDF: 2909222.9/41

asym_atr_dd_mean vs Slug



Right In: -2650.826 $\pm$ 1813.388 χ^2 /NDF: 18.9/16

Left Out: 1119.707 $\pm$ 1126.771 χ^2 /NDF:28.7/24

Right Out: 739.638 $\pm$ 1693.226 χ^2 /NDF: 11.5/18

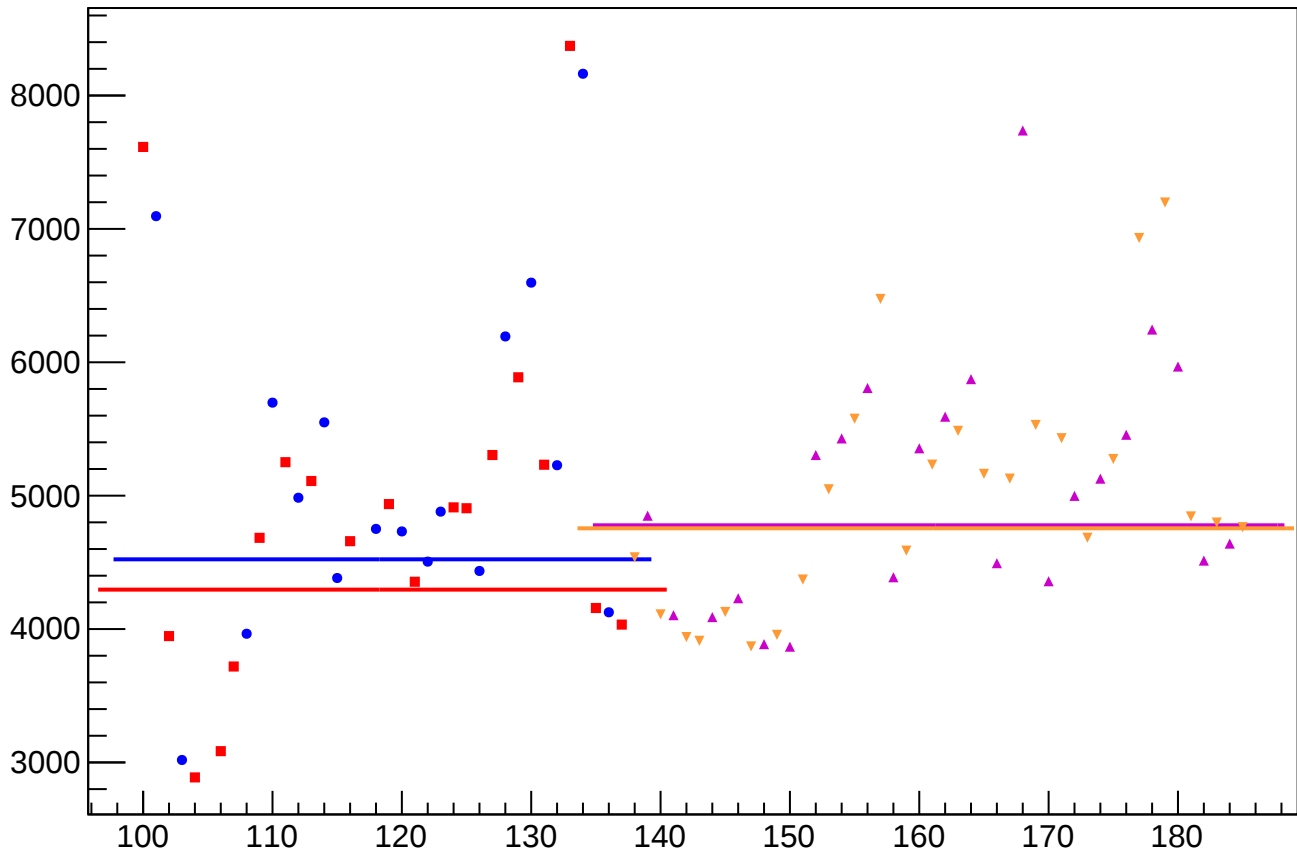
Left In: 158.683 $\pm$ 1161.507 χ^2 /NDF:15.5/22

+ sign 69.438 $\pm$ 957.061 χ^2 /NDF: 50.6/41

All: 206.901 $\pm$ 677.010 χ^2 /NDF: 77.8/83

- sign 344.581 $\pm$ 957.813 χ^2 /NDF: 27.1/41

asym_atr_dd_rms vs Slug



Right In: 4522.775 $\pm$ 1.282 χ^2 /NDF: 776612.8/16

Left Out: 4755.232 $\pm$ 0.797 χ^2 /NDF: 953307.1/24

Right Out: 4295.614 $\pm$ 1.191 χ^2 /NDF: 773207.8/18

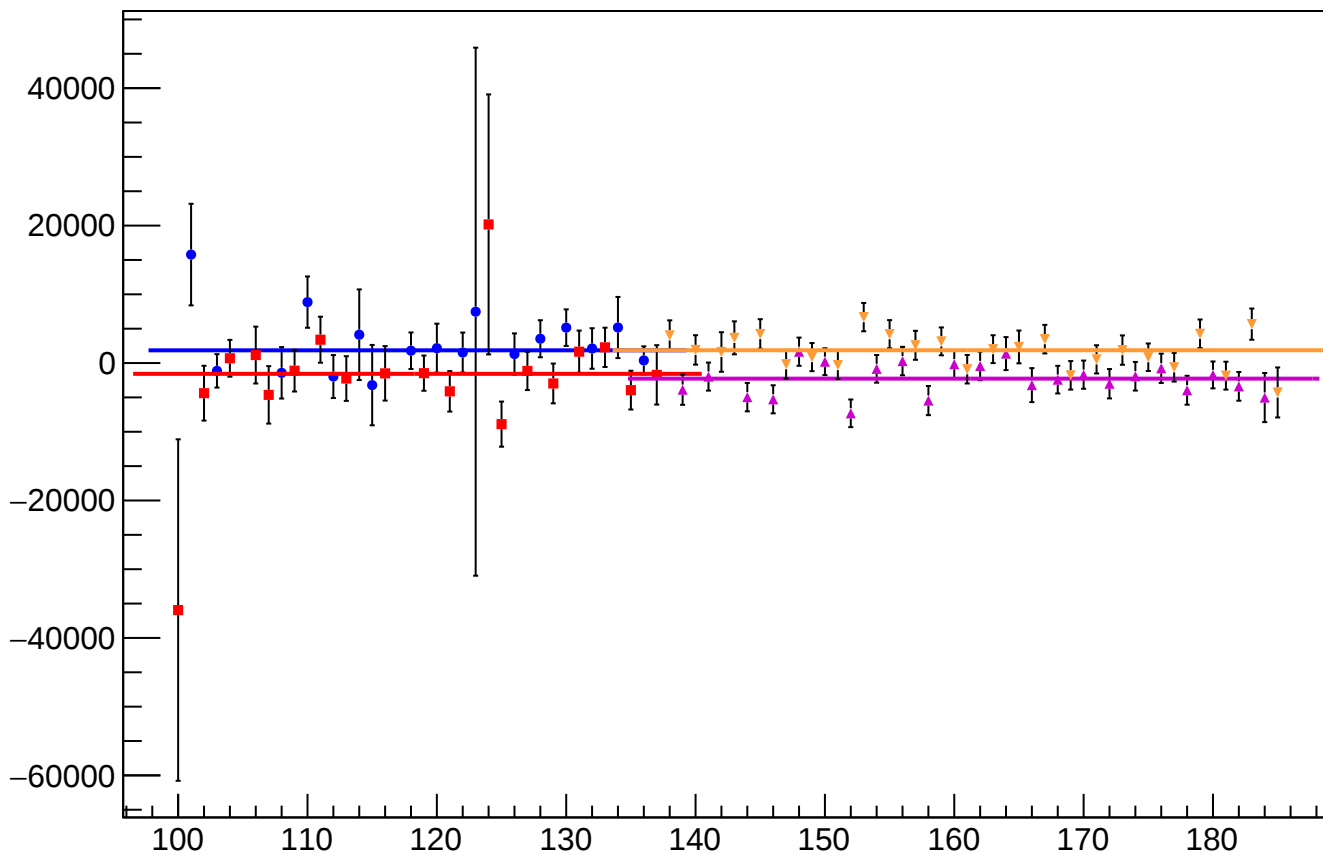
Left In: 4777.831 $\pm$ 0.821 χ^2 /NDF: 950291.2/22

+ sign 4690.482 $\pm$ 0.677 χ^2 /NDF: 1753630.5/41

All: 4656.384 $\pm$ 0.478 χ^2 /NDF: 3593347.5/83

- sign 4622.355 $\pm$ 0.676 χ^2 /NDF: 1834644.7/41

reg_asym_at1_avg_mean vs Slug



Right In: 1850.872 $\pm$ 785.814 χ^2 /NDF: 14.8/16

Left Out: 1862.859 $\pm$ 431.031 χ^2 /NDF:30.3/24

Right Out: -1571.043 $\pm$ 768.050 χ^2 /NDF: 17.3/18

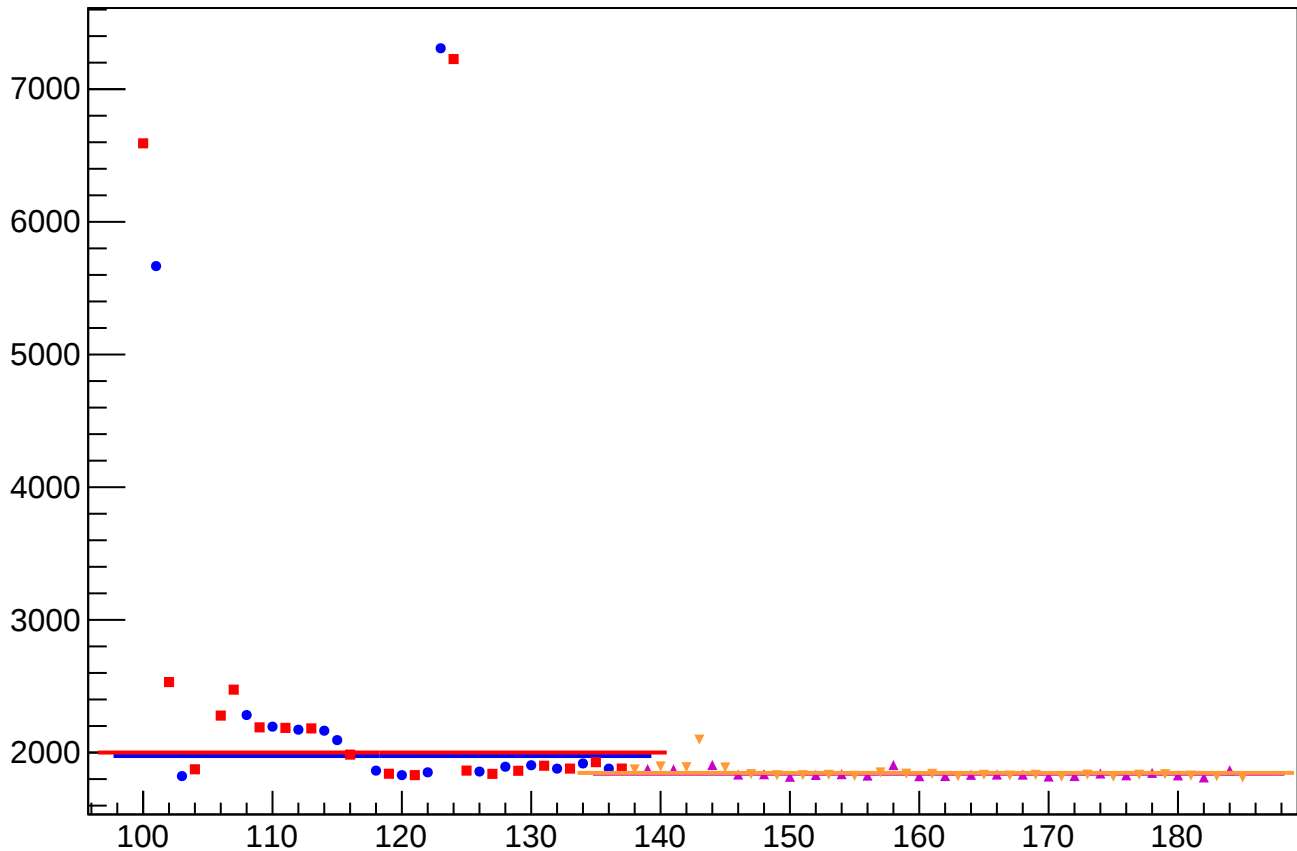
Left In: -2268.464 $\pm$ 441.710 χ^2 /NDF:26.9/22

+ sign 1860.087 $\pm$ 377.913 χ^2 /NDF: 45.1/41

All: -91.574 $\pm$ 268.972 χ^2 /NDF: 143.9/83

- sign -2095.125 $\pm$ 382.904 χ^2 /NDF: 44.8/41

reg_asym_at1_avg_rms vs Slug



Right In: 1973.812 $\pm$ 0.556 χ^2 /NDF: 599877.2/16

Left Out: 1846.603 $\pm$ 0.305 χ^2 /NDF: 27303.9/24

Right Out: 2000.069 $\pm$ 0.543 χ^2 /NDF: 353620.6/18

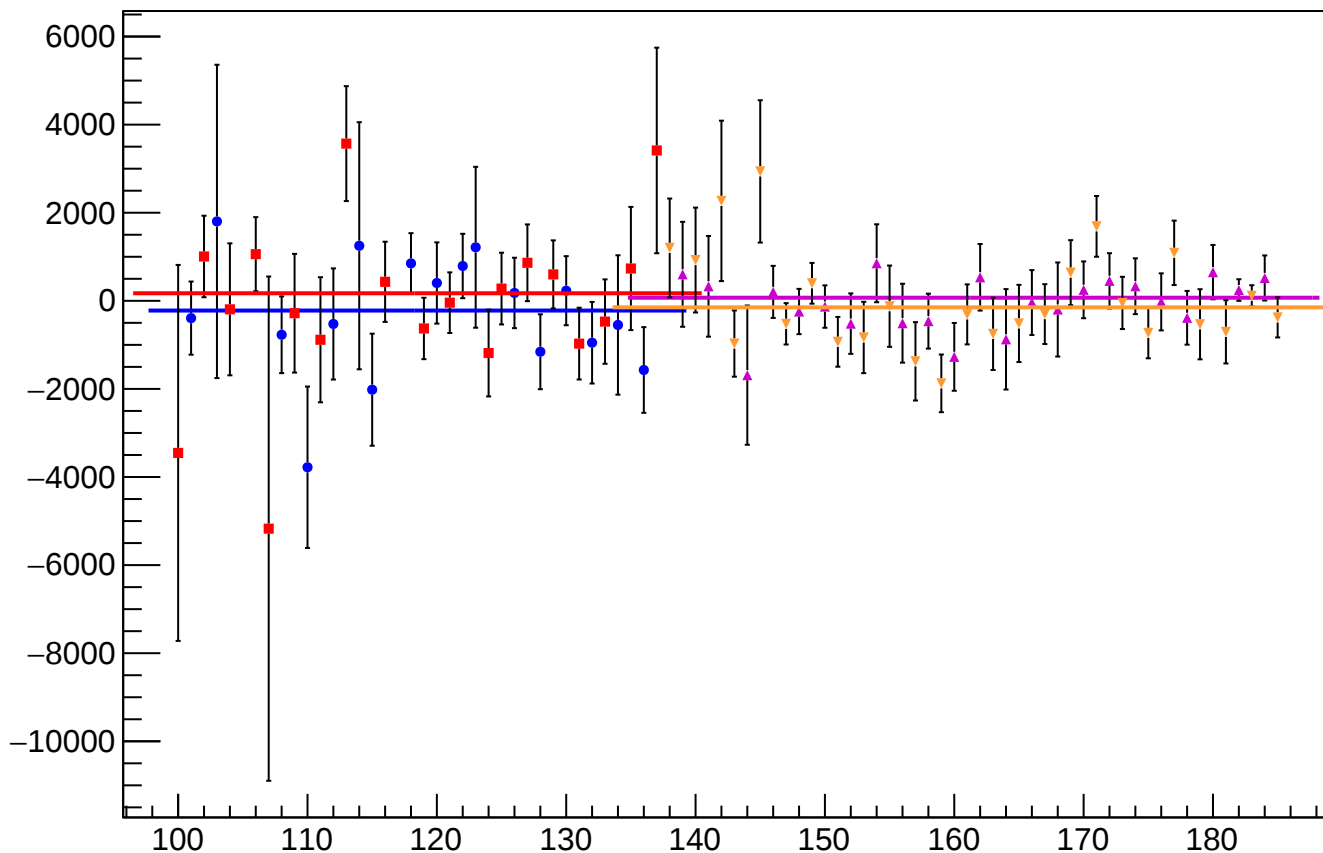
Left In: 1840.541 $\pm$ 0.312 χ^2 /NDF: 6740.2/22

+ sign 1876.024 $\pm$ 0.267 χ^2 /NDF: 667470.7/41

All: 1878.080 $\pm$ 0.190 χ^2 /NDF: 1092789.7/83

- sign 1880.191 $\pm$ 0.271 χ^2 /NDF: 425199.0/41

asym_at1_avg_correction_mean vs Slug



Right In: -220.797 ± 241.210 χ^2/NDF : 16.7/16

Left Out: -148.359 ± 122.093 χ^2/NDF : 37.6/24

Right Out: 171.668 ± 229.758 χ^2/NDF : 19.9/18

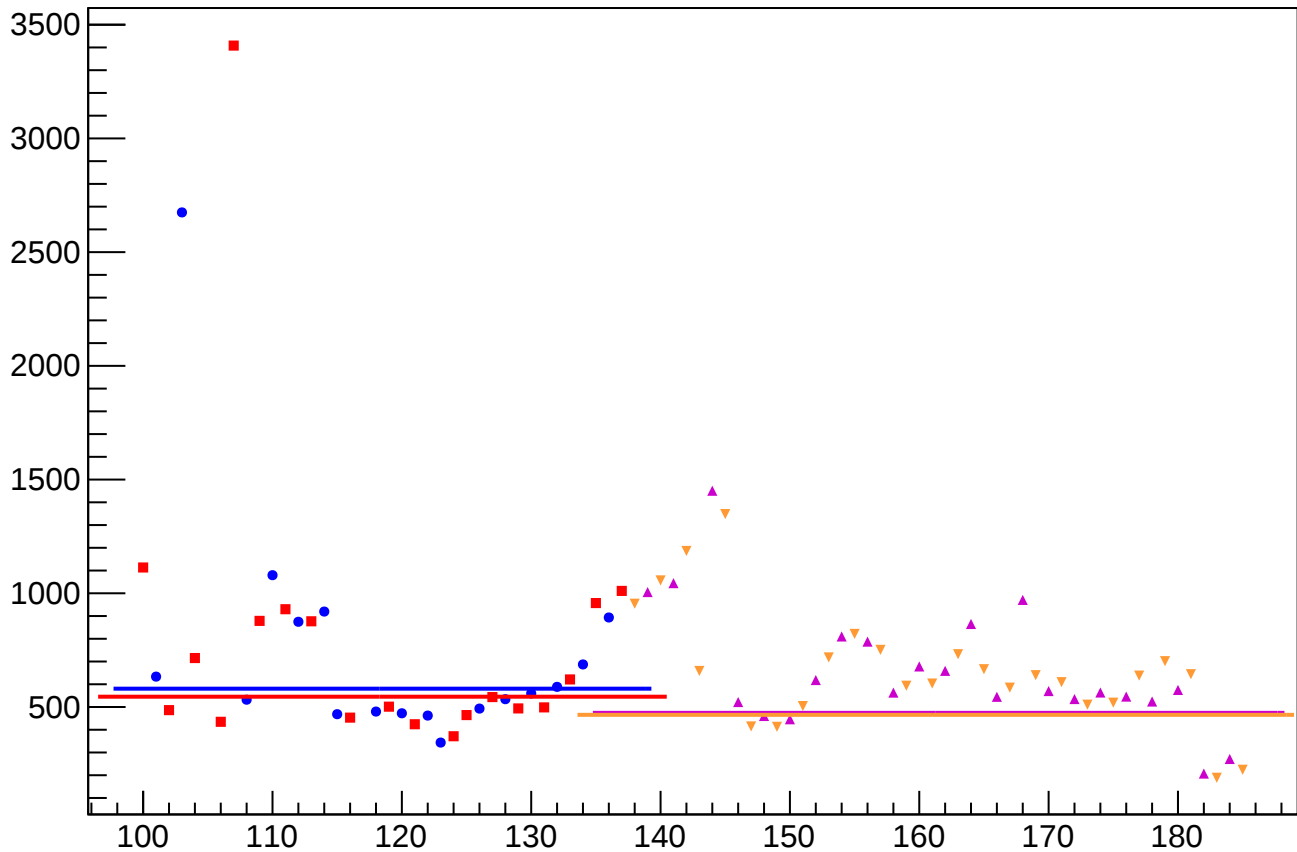
Left In: 70.340 ± 126.373 χ^2/NDF : 12.3/22

+ sign -163.133 ± 108.933 χ^2/NDF : 54.4/41

All: -36.730 ± 77.654 χ^2/NDF : 89.4/83

- sign 93.875 ± 110.729 χ^2/NDF : 32.3/41

asym_at1_avg_correction_rms vs Slug



Right In: 580.578 $\pm$ 0.171 χ^2 /NDF: 1413766.8/16

Left Out: 465.559 $\pm$ 0.086 χ^2 /NDF: 7068909.0/24

Right Out: 545.286 $\pm$ 0.162 χ^2 /NDF: 1455572.2/18

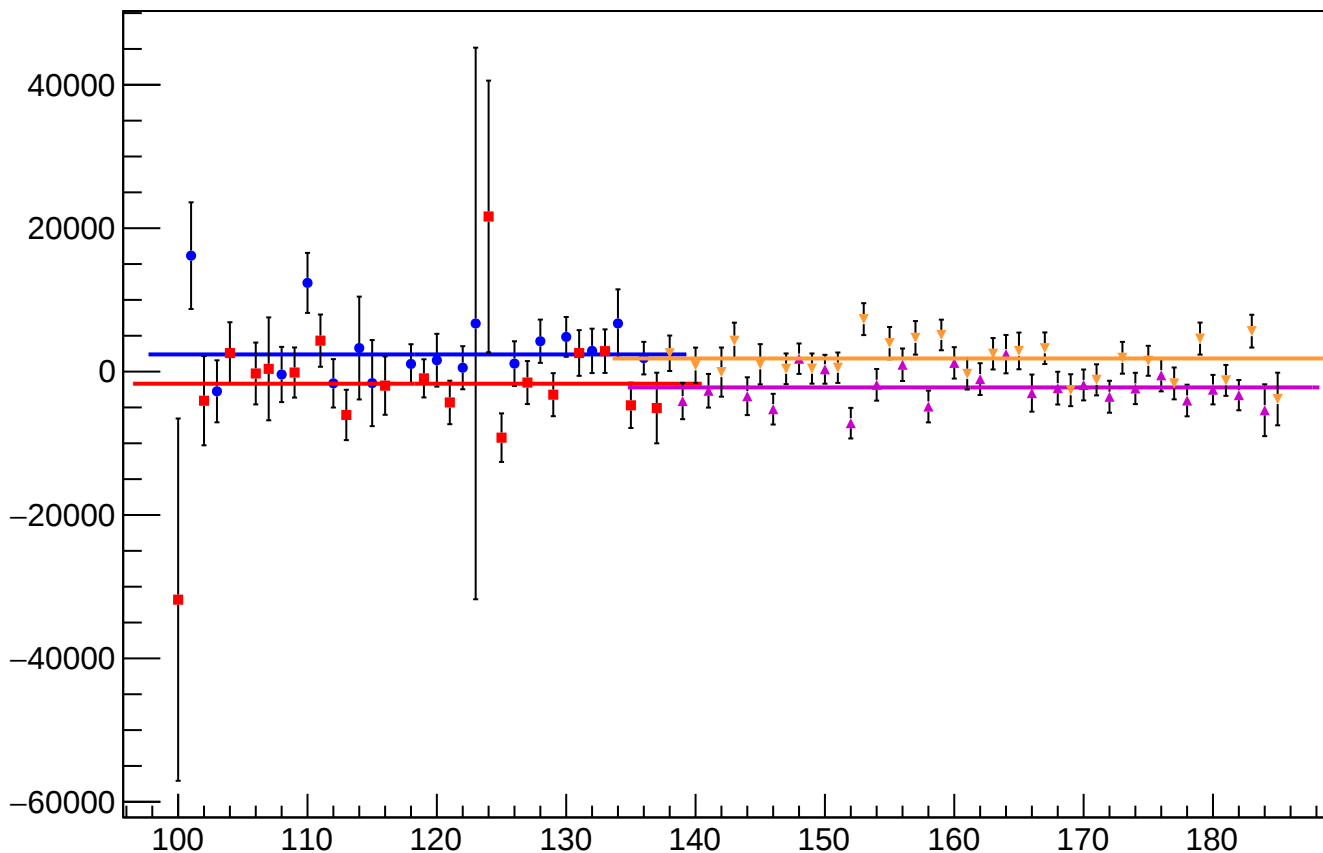
Left In: 474.263 $\pm$ 0.089 χ^2 /NDF: 6173100.1/22

+ sign 489.017 $\pm$ 0.077 χ^2 /NDF: 8844689.2/41

All: 489.874 $\pm$ 0.055 χ^2 /NDF: 16620338.4/83

- sign 490.759 $\pm$ 0.078 χ^2 /NDF: 7775397.7/41

asym_at1_avg_mean vs Slug



Right In: 2394.430+/-865.666 χ^2/NDF : 15.8/16

Left Out: 1831.402+/-462.760 χ^2/NDF : 32.4/24

Right Out: -1689.195+/-856.105 χ^2/NDF : 20.2/18

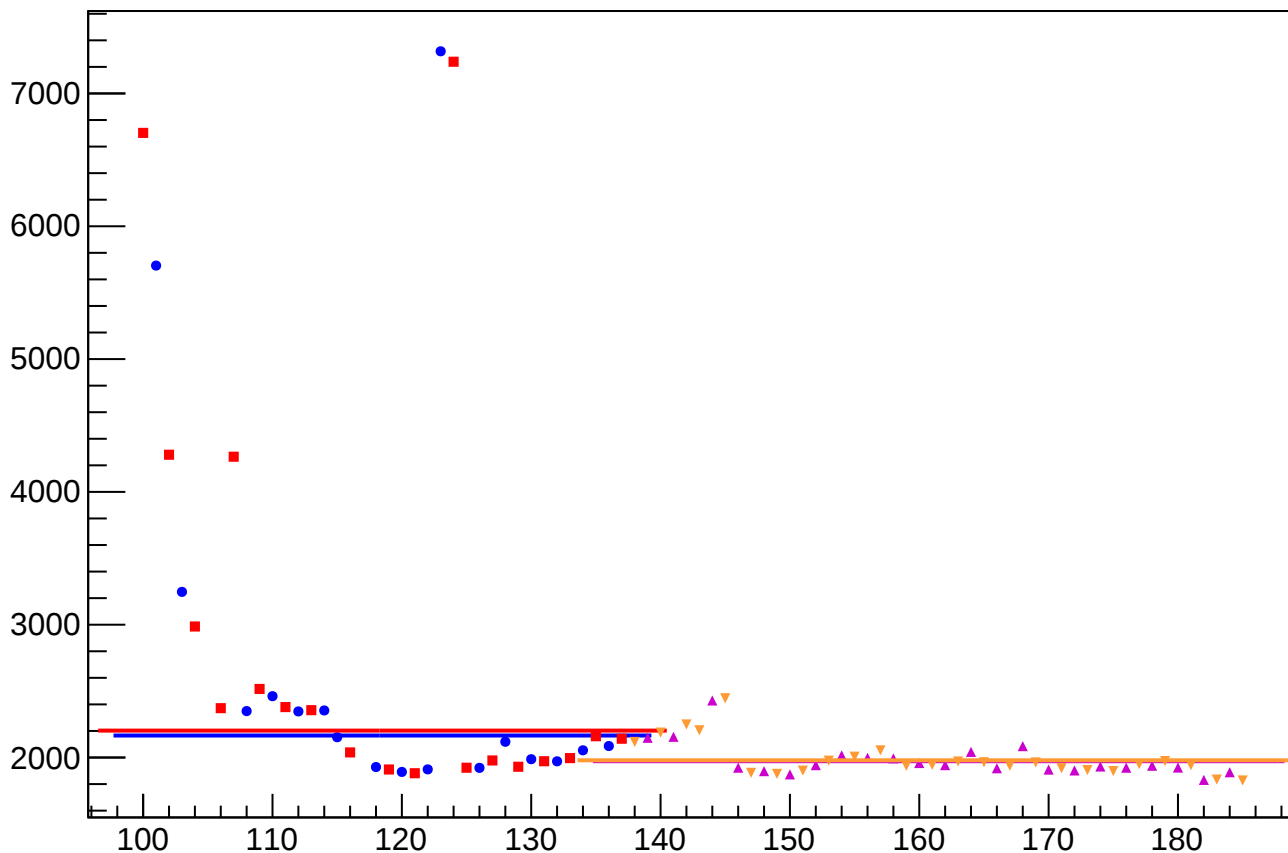
Left In: -2208.114+/-474.050 χ^2/NDF : 25.3/22

+ sign 1956.537+/-408.108 χ^2/NDF : 48.5/41

All: -32.440+/-290.884 χ^2/NDF : 142.6/83

- sign -2086.342+/-414.716 χ^2/NDF : 45.8/41

asym_at1_avg_rms vs Slug



Right In: 2165.566 $\pm$ 0.612 χ^2 /NDF: 707806.4/16

Left Out: 1979.034 $\pm$ 0.327 χ^2 /NDF:139258.0/24

Right Out: 2202.669 $\pm$ 0.605 χ^2 /NDF: 799074.2/18

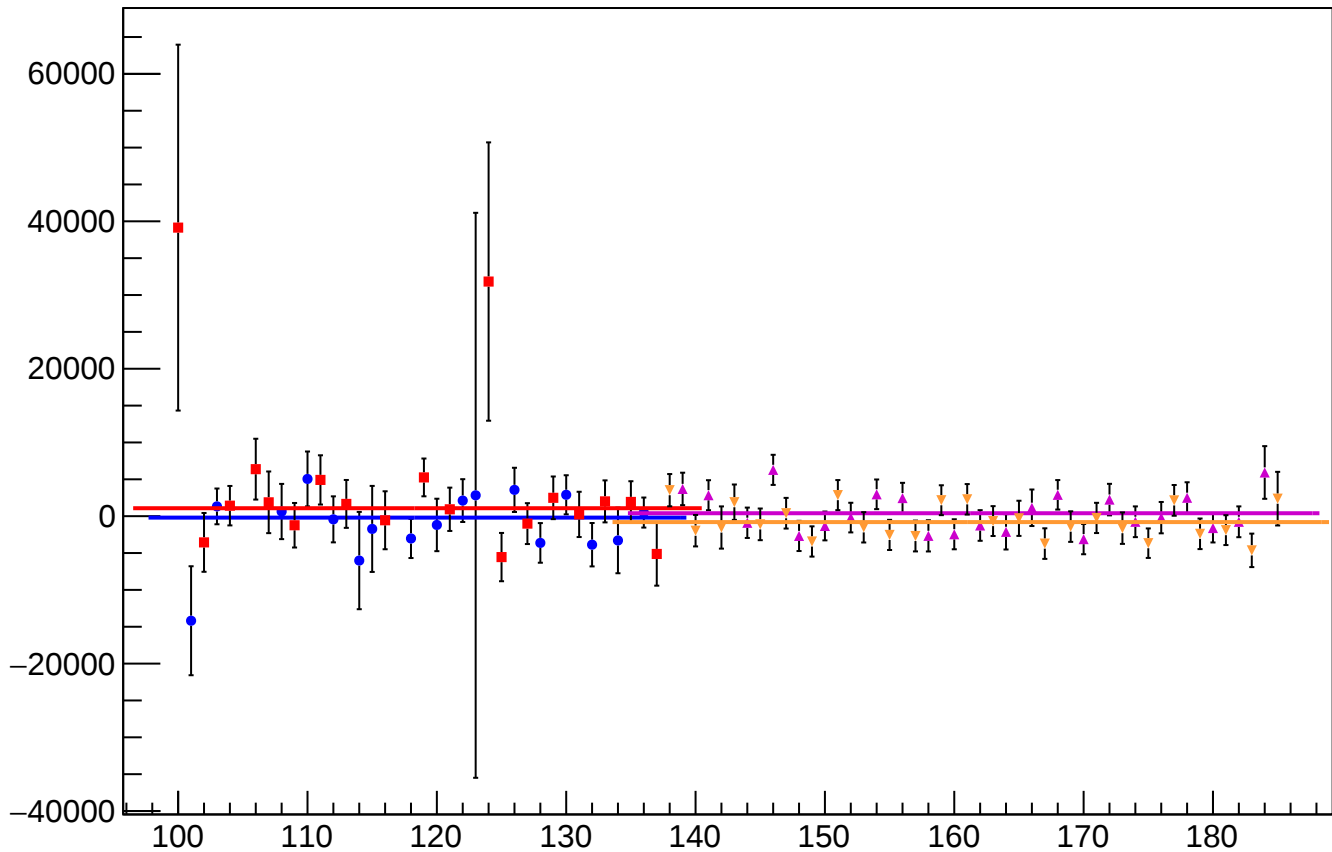
Left In: 1972.166 $\pm$ 0.335 χ^2 /NDF:116452.5/22

+ sign 2020.491 $\pm$ 0.289 χ^2 /NDF: 919287.3/41

All: 2023.328 $\pm$ 0.206 χ^2 /NDF: 1945974.6/83

- sign 2026.257 $\pm$ 0.293 χ^2 /NDF: 1026490.8/41

reg_asym_at1_dd_mean vs Slug



Right In: -195.092 ± 784.368 χ^2/NDF : 15.4/16

Left Out: -801.940 ± 430.359 χ^2/NDF : 27.7/24

Right Out: 1078.628 ± 766.426 χ^2/NDF : 20.1/18

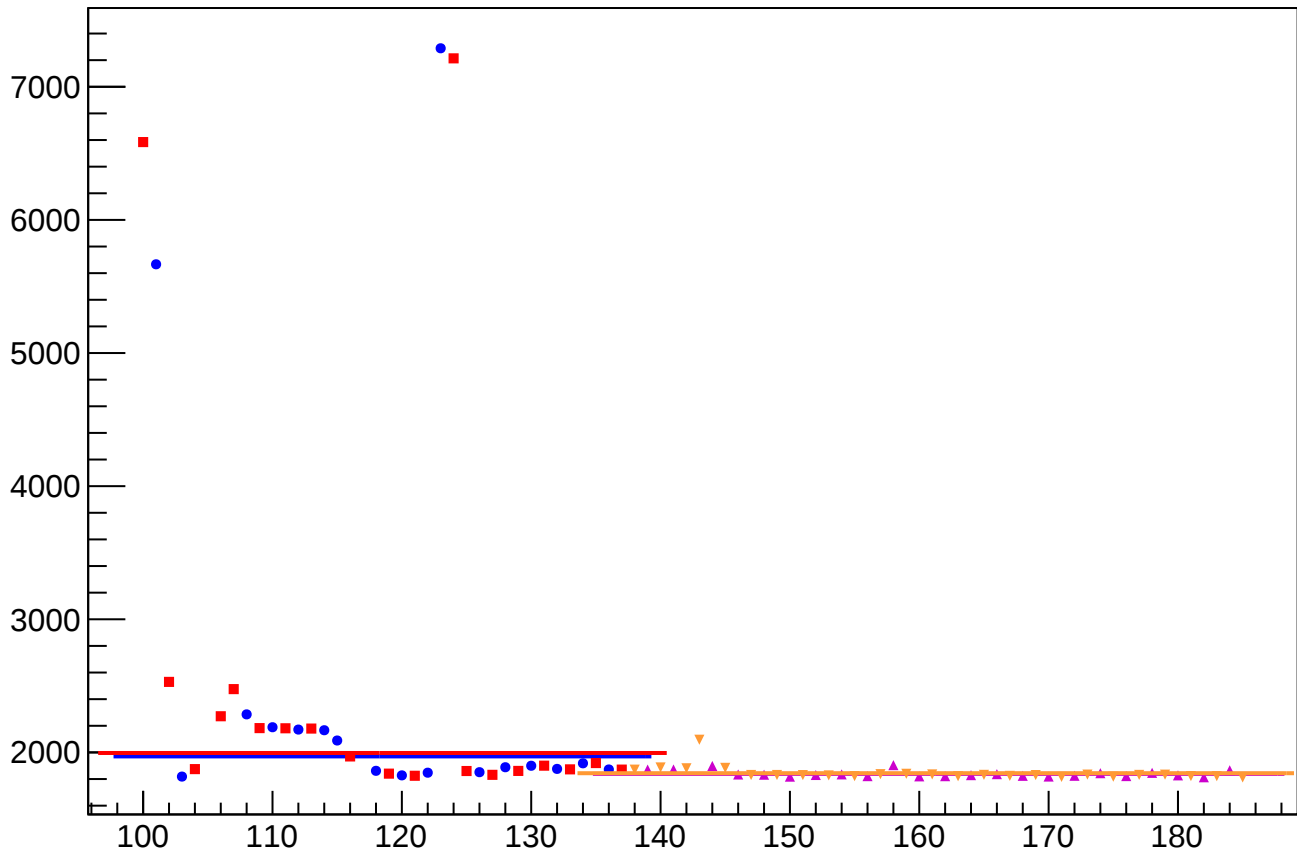
Left In: 398.797 ± 441.246 χ^2/NDF : 34.4/22

+ sign -661.525 ± 377.299 χ^2/NDF : 43.6/41

All: -55.000 ± 268.576 χ^2/NDF : 103.9/83

- sign 568.034 ± 382.400 χ^2/NDF : 55.1/41

reg_asym_at1_dd_rms vs Slug



Right In: 1969.951+/-0.555 χ^2/NDF : 602002.6/16

Left Out: 1843.754+/-0.304 χ^2/NDF : 26865.4/24

Right Out: 1995.751+/-0.542 χ^2/NDF : 354300.7/18

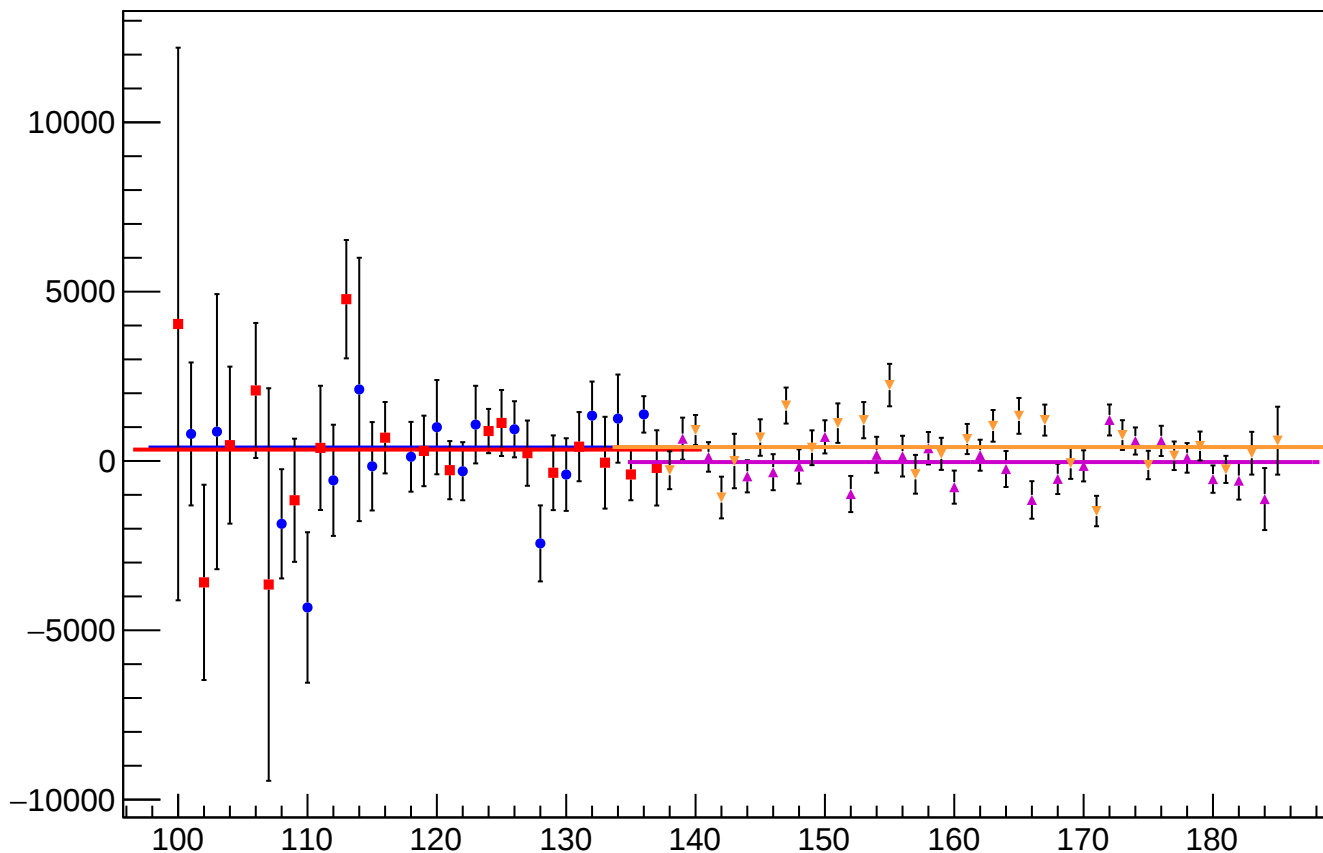
Left In: 1838.611+/-0.312 χ^2/NDF : 6335.1/22

+ sign 1872.954+/-0.267 χ^2/NDF : 668660.5/41

All: 1875.310+/-0.190 χ^2/NDF : 1092599.3/83

- sign 1877.730+/-0.270 χ^2/NDF : 423780.7/41

asym_at1_dd_correction_mean vs Slug



Right In: 396.702 ± 270.925 χ^2/NDF : 20.5/16

Left Out: 410.418 ± 100.464 χ^2/NDF : 61.2/24

Right Out: 336.277 ± 266.891 χ^2/NDF : 14.1/18

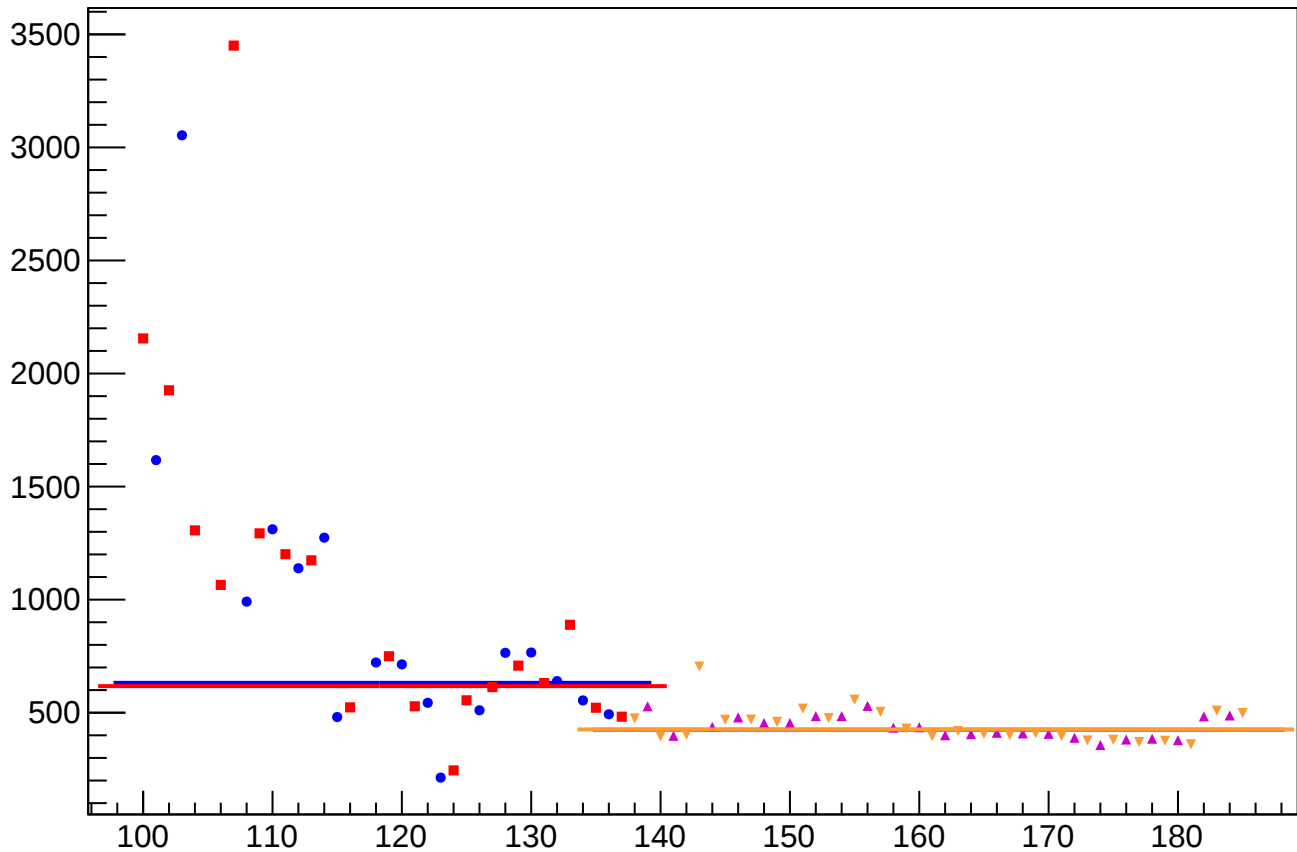
Left In: -32.456 ± 102.403 χ^2/NDF : 32.7/22

+ sign 408.760 ± 94.196 χ^2/NDF : 81.7/41

All: 214.739 ± 67.100 χ^2/NDF : 138.7/83

- sign 14.862 ± 95.607 χ^2/NDF : 48.5/41

asym_at1_dd_correction_rms vs Slug



Right In: 632.093 ± 0.192 $\chi^2/\text{NDF}: 2258413.9/16$

Left Out: 426.009 ± 0.071 $\chi^2/\text{NDF}: 732667.9/24$

Right Out: 617.519 ± 0.189 $\chi^2/\text{NDF}: 2802398.1/18$

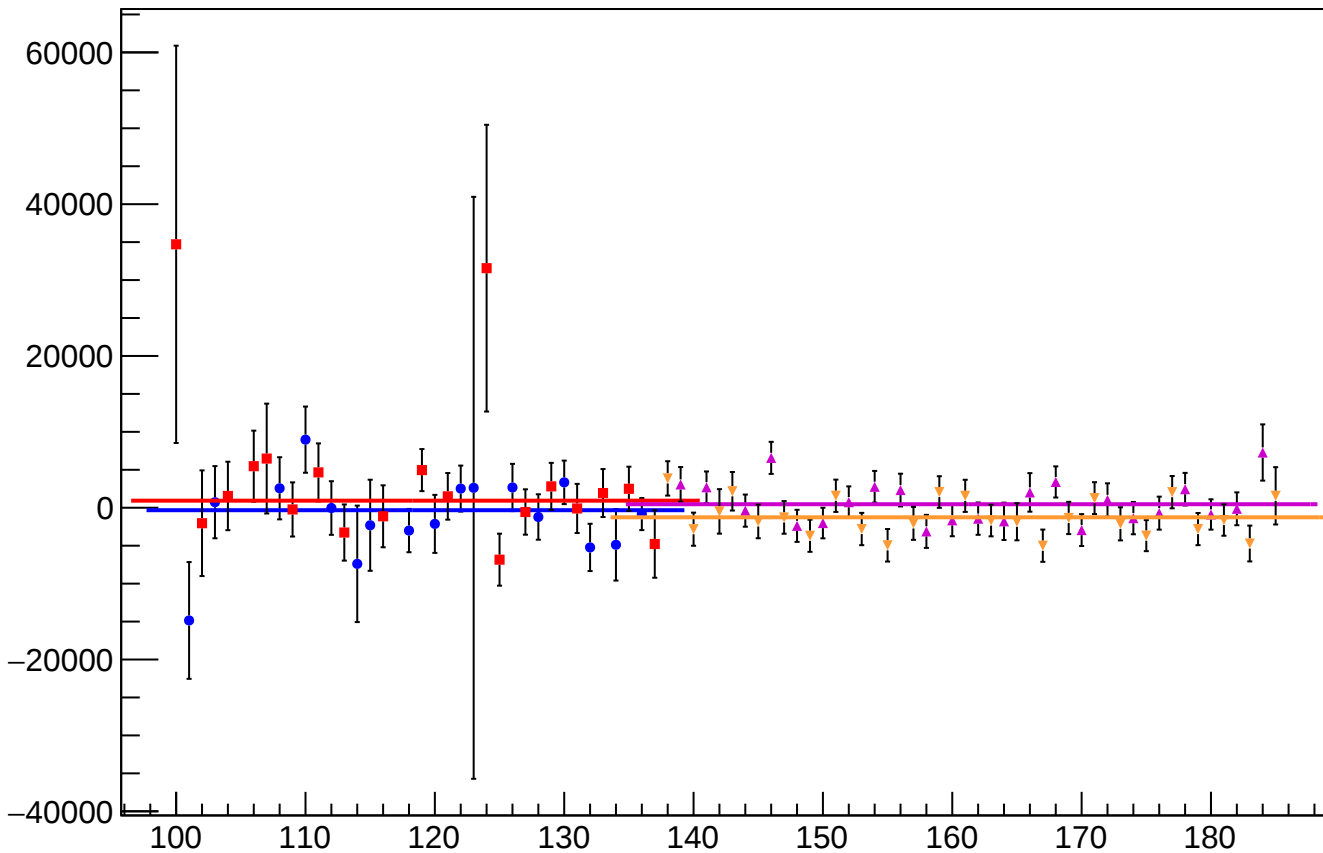
Left In: 424.639 ± 0.072 $\chi^2/\text{NDF}: 391611.2/22$

+ sign 450.921 ± 0.067 $\chi^2/\text{NDF}: 4008425.2/41$

All: 450.167 ± 0.047 $\chi^2/\text{NDF}: 8113221.5/83$

- sign 449.390 ± 0.068 $\chi^2/\text{NDF}: 4104536.1/41$

asym_at1_dd_mean vs Slug



Right In: -324.791+/-874.352 χ^2/NDF : 17.7/16

Left Out: -1260.522 ± 443.275 $\chi^2/\text{NDF}: 30.6/24$

Right Out: 932.195+/-870.269 χ^2/NDF : 18.7/18

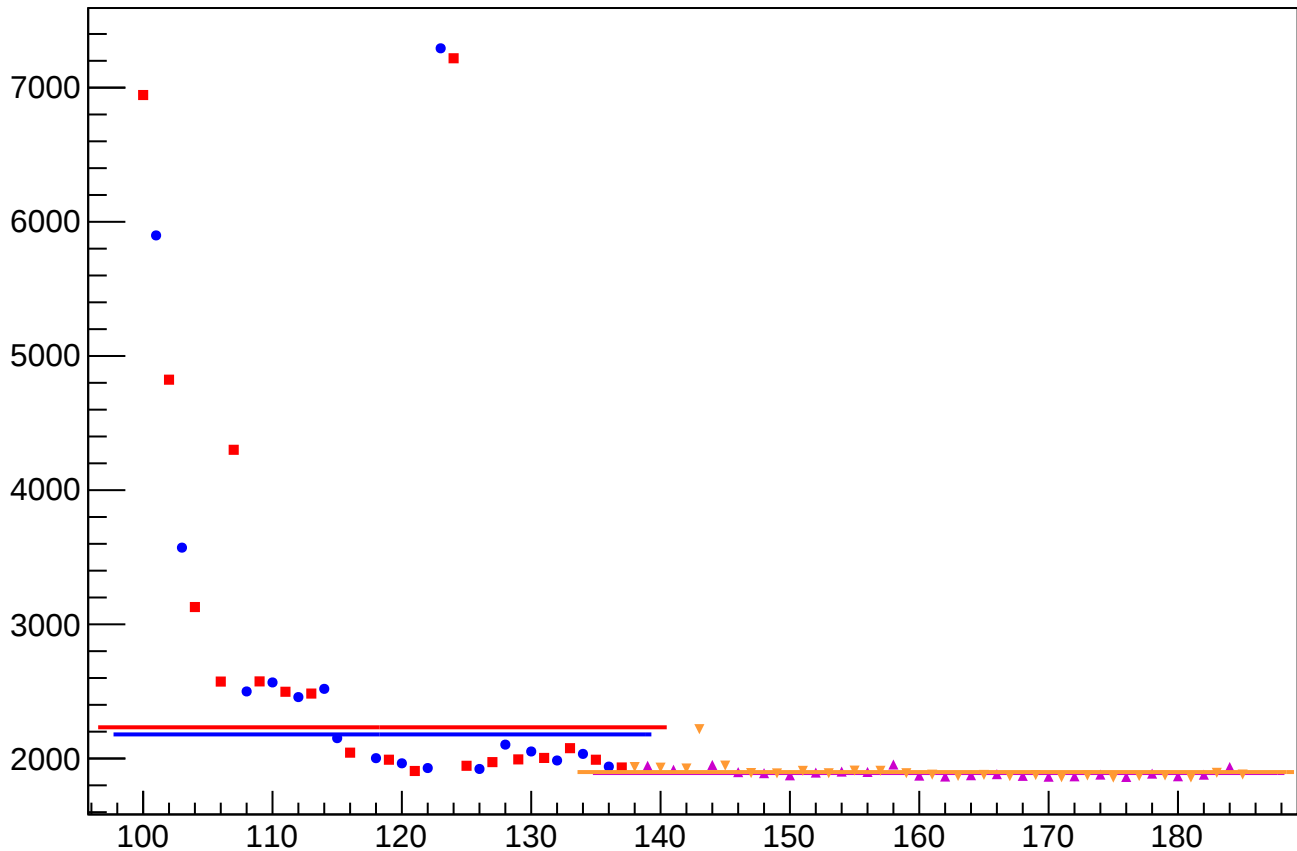
Left In: 462.599+/-453.947 χ^2/NDF :32.6/22

+ sign -1069.193+/-395.368 χ^2/NDF : 49.2/41

All: -267.631 ± 282.049 χ^2/NDF : 109.0/83

- sign 563.040+/-402.482 χ^2/NDF : 51.5/41

asym_at1_dd_rms vs Slug



Right In: 2179.524+/-0.618 χ^2/NDF : 800832.9/16

Left Out: 1898.962+/-0.313 χ^2/NDF : 38680.4/24

Right Out: 2232.584+/-0.615 χ^2/NDF : 892015.8/18

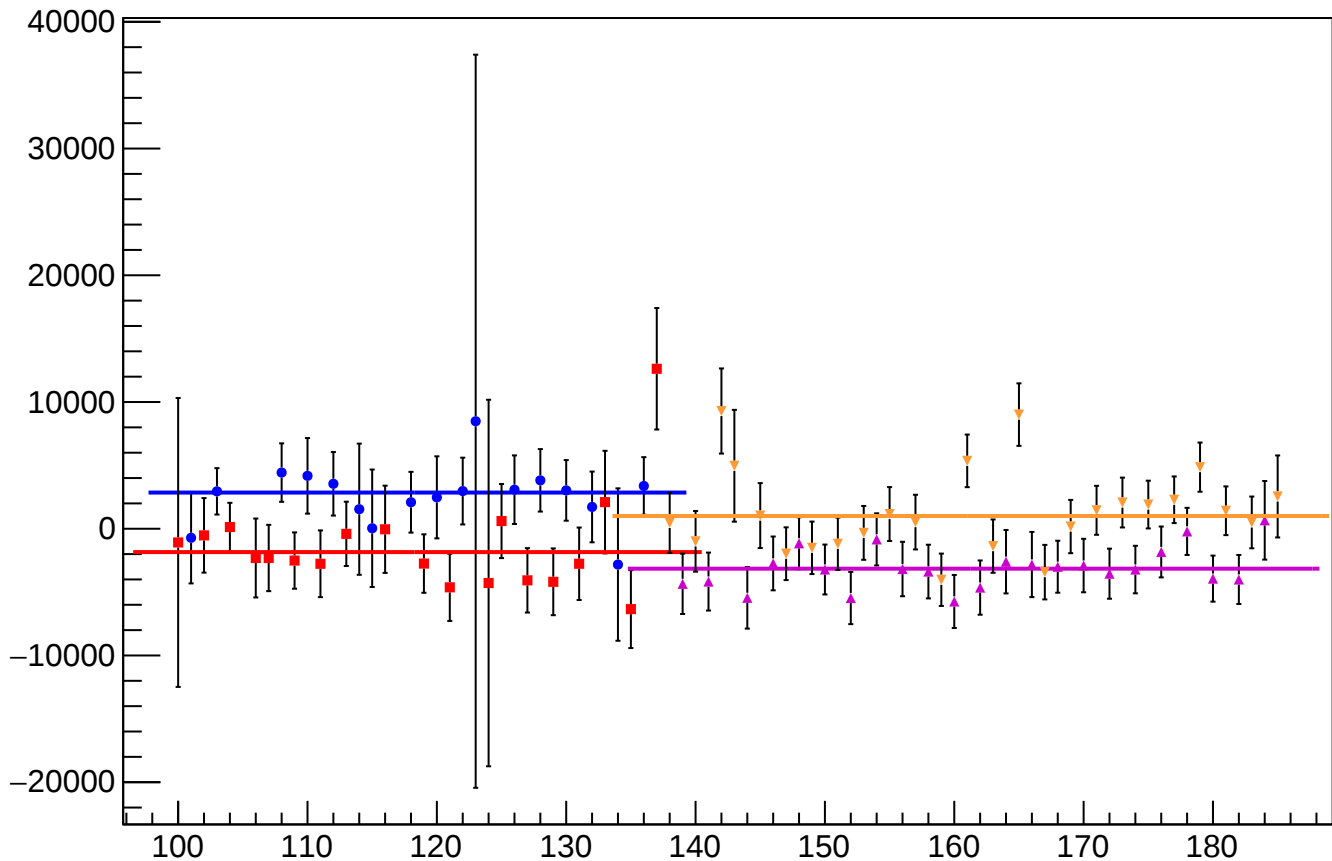
Left In: 1891.693+/-0.321 χ^2/NDF : 7420.7/22

+ sign 1956.329+/-0.280 χ^2/NDF : 1003335.2/41

All: 1960.393+/-0.199 χ^2/NDF : 2144437.0/83

- sign 1964.606+/-0.285 χ^2/NDF : 1140671.3/41

reg_asym_at2_avg_mean vs Slug



Right In: 2855.433+/-680.542 χ^2/NDF : 3.6/16

Left Out: 1005.137+/-435.316 χ^2/NDF : 44.6/24

Right Out: -1842.875+/-656.991 χ^2/NDF : 18.0/18

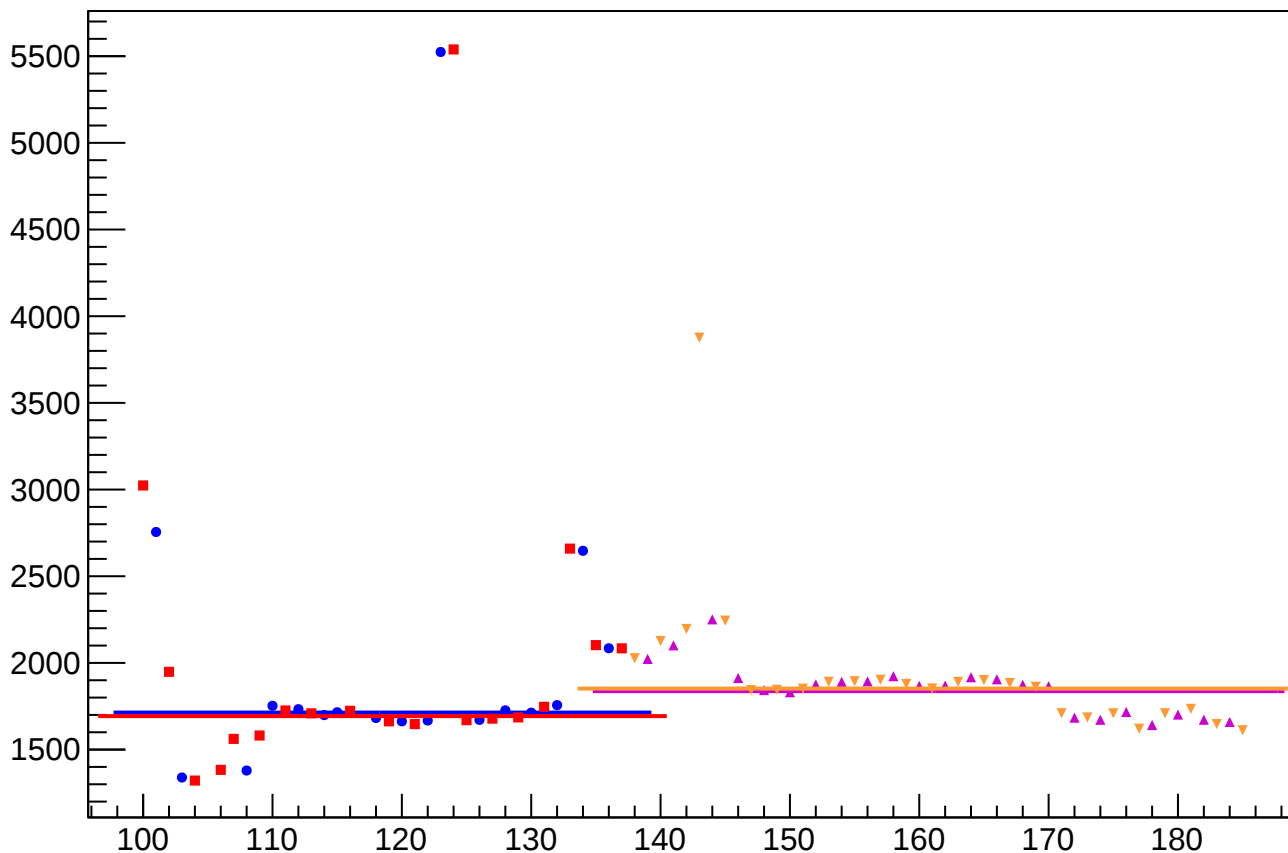
Left In: -3150.437+/-441.145 χ^2/NDF : 11.8/22

+ sign 1542.389+/-366.711 χ^2/NDF : 53.4/41

All: -603.598+/-259.138 χ^2/NDF : 154.4/83

- sign -2744.106+/-366.242 χ^2/NDF : 32.6/41

reg_asym_at2_avg_rms vs Slug



Right In: 1713.549 ± 0.481 χ^2/NDF : 432300.3/16

Left Out: 1852.017 ± 0.308 χ^2/NDF : 648840.9/24

Right Out: 1693.096 ± 0.465 χ^2/NDF : 454659.7/18

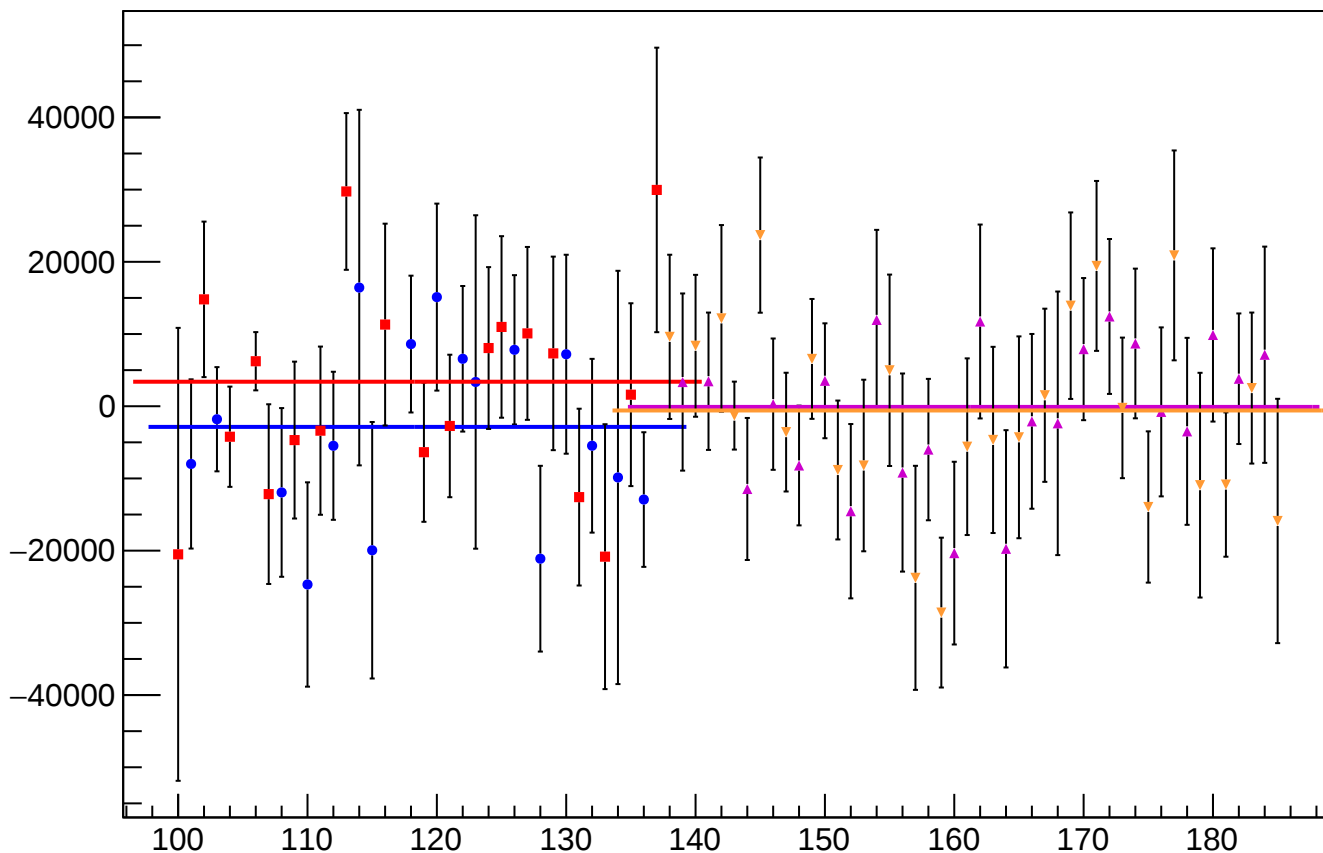
Left In: 1837.151 ± 0.312 χ^2/NDF : 200514.0/22

+ sign 1811.812 ± 0.259 χ^2/NDF : 1139898.3/41

All: 1802.086 ± 0.183 χ^2/NDF : 1864155.9/83

- sign 1792.385 ± 0.259 χ^2/NDF : 721447.5/41

asym_at2_avg_correction_mean vs Slug



Right In: -2861.382 ± 2859.849 $\chi^2/\text{NDF}: 14.0/16$

Left Out: -587.203 ± 2069.894 $\chi^2/\text{NDF}: 30.2/24$

Right Out: 3395.034 ± 2269.782 $\chi^2/\text{NDF}: 19.7/18$

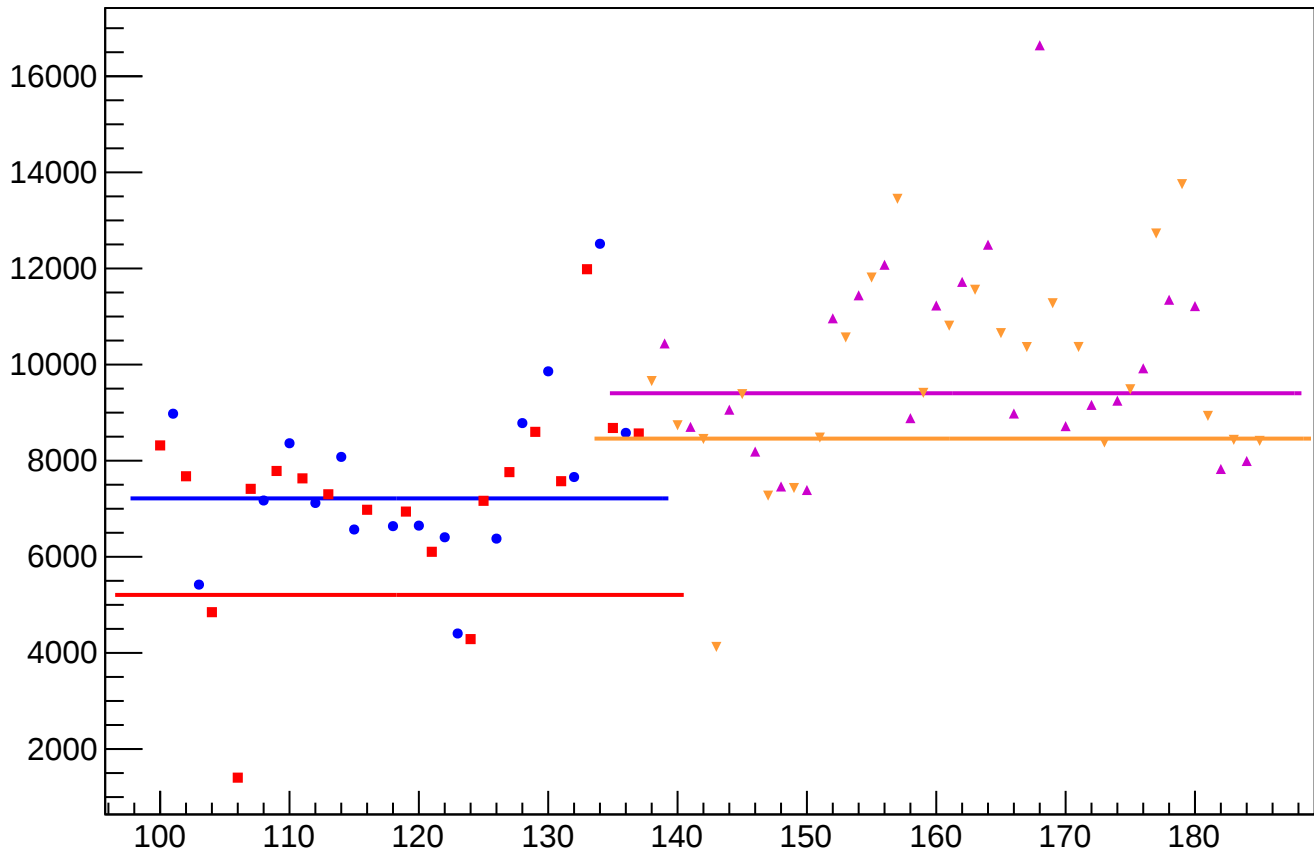
Left In: -93.334 ± 2293.826 $\chi^2/\text{NDF}: 14.6/22$

+ sign -1368.995 ± 1676.782 $\chi^2/\text{NDF}: 44.6/41$

All: 208.611 ± 1162.612 $\chi^2/\text{NDF}: 81.8/83$

- sign 1669.228 ± 1613.412 $\chi^2/\text{NDF}: 35.5/41$

asym_at2_avg_correction_rms vs Slug



Right In: 7215.564 $\pm$ 2.022 χ^2 /NDF: 471682.0/16

Left Out: 8459.665 $\pm$ 1.464 χ^2 /NDF:3087206.7/24

Right Out: 5206.982 $\pm$ 1.605 χ^2 /NDF: 3196167.0/18

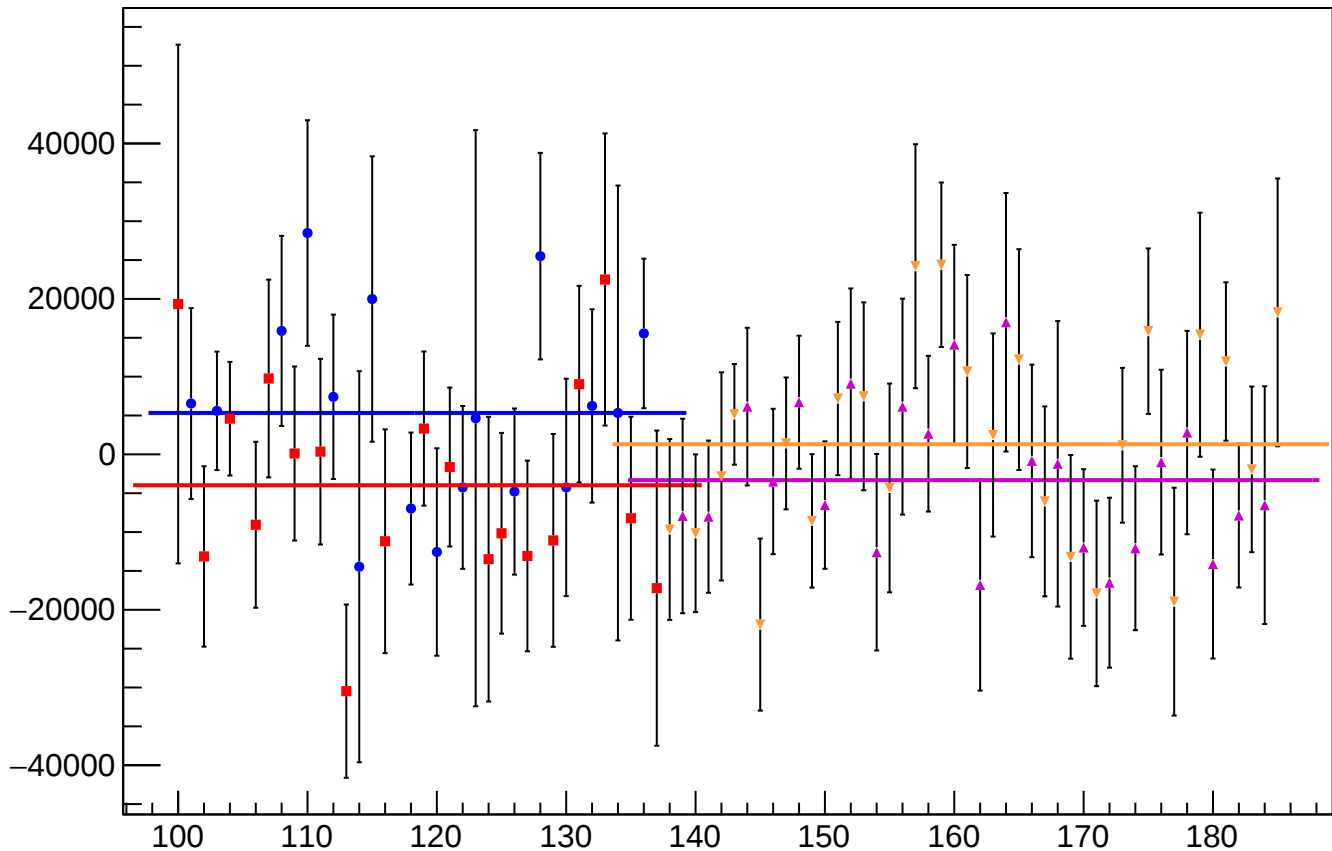
Left In: 9403.481 $\pm$ 1.622 χ^2 /NDF:1142646.9/22

+ sign 8031.981 $\pm$ 1.186 χ^2 /NDF: 3807266.0/41

All: 7643.134 $\pm$ 0.822 χ^2 /NDF: 11735464.7/8

- sign 7283.123 $\pm$ 1.141 χ^2 /NDF: 7721062.6/41

asym_at2_avg_mean vs Slug



Right In: 5329.954 $\pm$ 2979.601 χ^2/NDF : 13.6/16

Left Out: 1299.716 $\pm$ 2213.981 χ^2/NDF : 28.1/24

Right Out: -3971.333 $\pm$ 2795.963 χ^2/NDF : 15.5/18

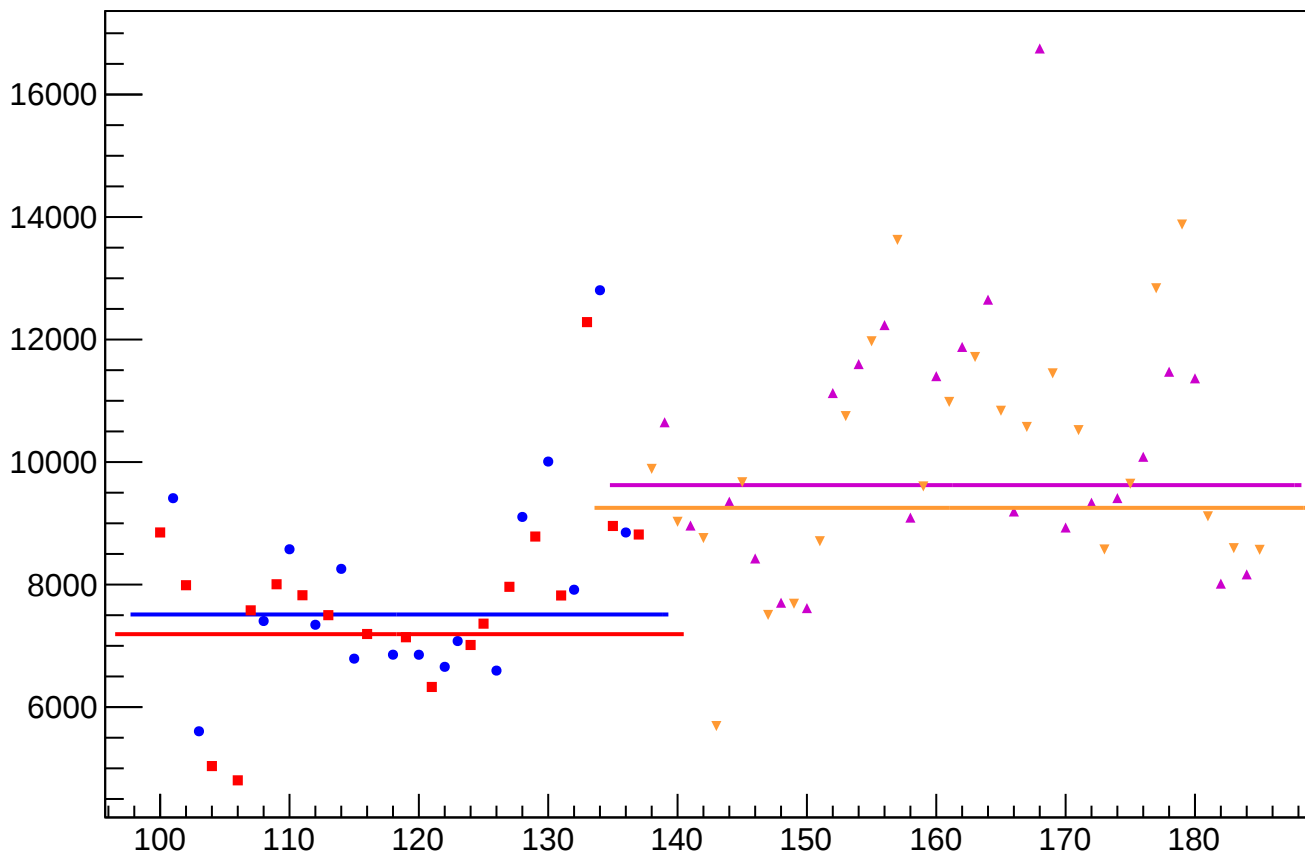
Left In: -3316.909 $\pm$ 2344.543 χ^2/NDF : 13.7/22

+ sign 2733.347 $\pm$ 1777.099 χ^2/NDF : 42.9/41

All: -392.535 $\pm$ 1263.407 χ^2/NDF : 78.4/83

- sign -3587.091 $\pm$ 1796.514 χ^2/NDF : 29.3/41

asym_at2_avg_rms vs Slug



Right In: 7511.954 ± 2.107 χ^2/NDF : 430092.6/16

Left Out: 9252.530 ± 1.566 χ^2/NDF : 1597805.3/24

Right Out: 7190.607 ± 1.977 χ^2/NDF : 559177.4/18

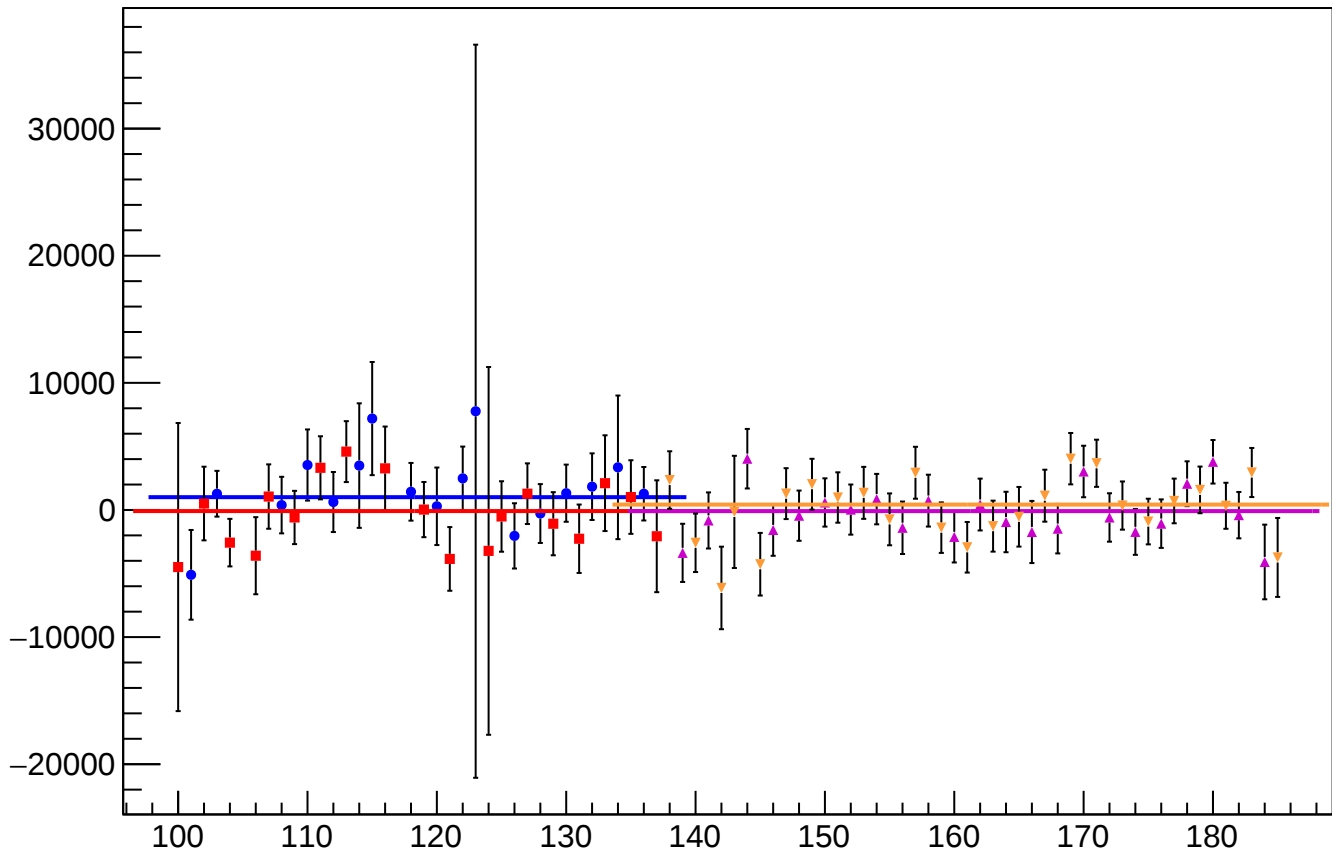
Left In: 9623.485 ± 1.658 χ^2/NDF : 1069924.0/22

+ sign 8633.354 ± 1.257 χ^2/NDF : 2467631.4/41

All: 8626.208 ± 0.893 χ^2/NDF : 4986037.5/83

- sign 8618.906 ± 1.270 χ^2/NDF : 2518340.7/41

reg_asym_at2_dd_mean vs Slug



Right In: 1007.483 $\pm$ 646.543 χ^2 /NDF: 8.6/16

Left Out: 422.941 $\pm$ 416.446 χ^2 /NDF: 28.5/24

Right Out: -85.858 $\pm$ 625.192 χ^2 /NDF: 14.5/18

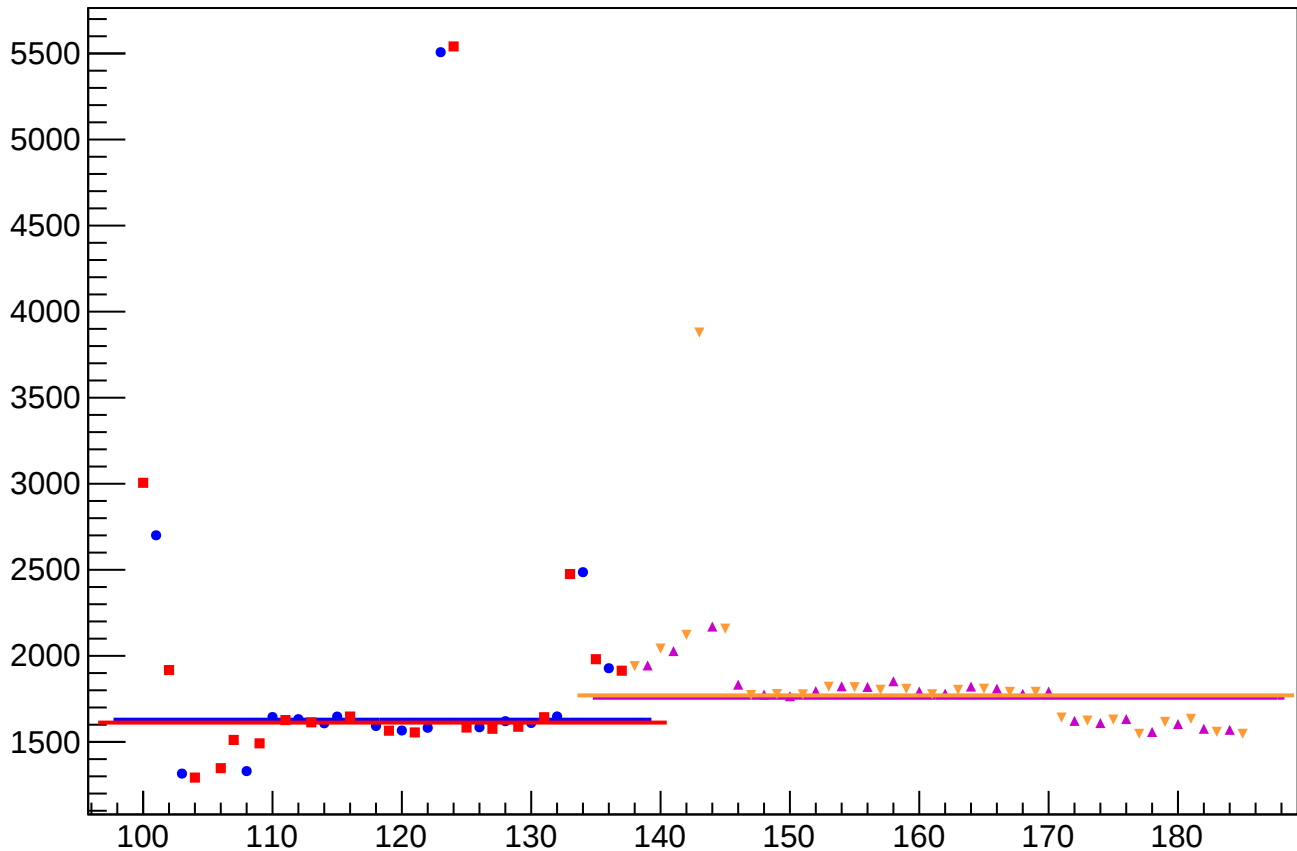
Left In: -88.373 $\pm$ 421.957 χ^2 /NDF: 21.0/22

+ sign 594.344 $\pm$ 350.105 χ^2 /NDF: 37.7/41

All: 253.034 $\pm$ 247.436 χ^2 /NDF: 75.1/83

- sign -87.586 $\pm$ 349.751 χ^2 /NDF: 35.4/41

reg_asym_at2_dd_rms vs Slug



Right In: 1629.197 $\pm$ 0.457 χ^2 /NDF: 406744.5/16

Left Out: 1770.449 $\pm$ 0.294 χ^2 /NDF: 699386.6/24

Right Out: 1612.347 $\pm$ 0.442 χ^2 /NDF: 433525.9/18

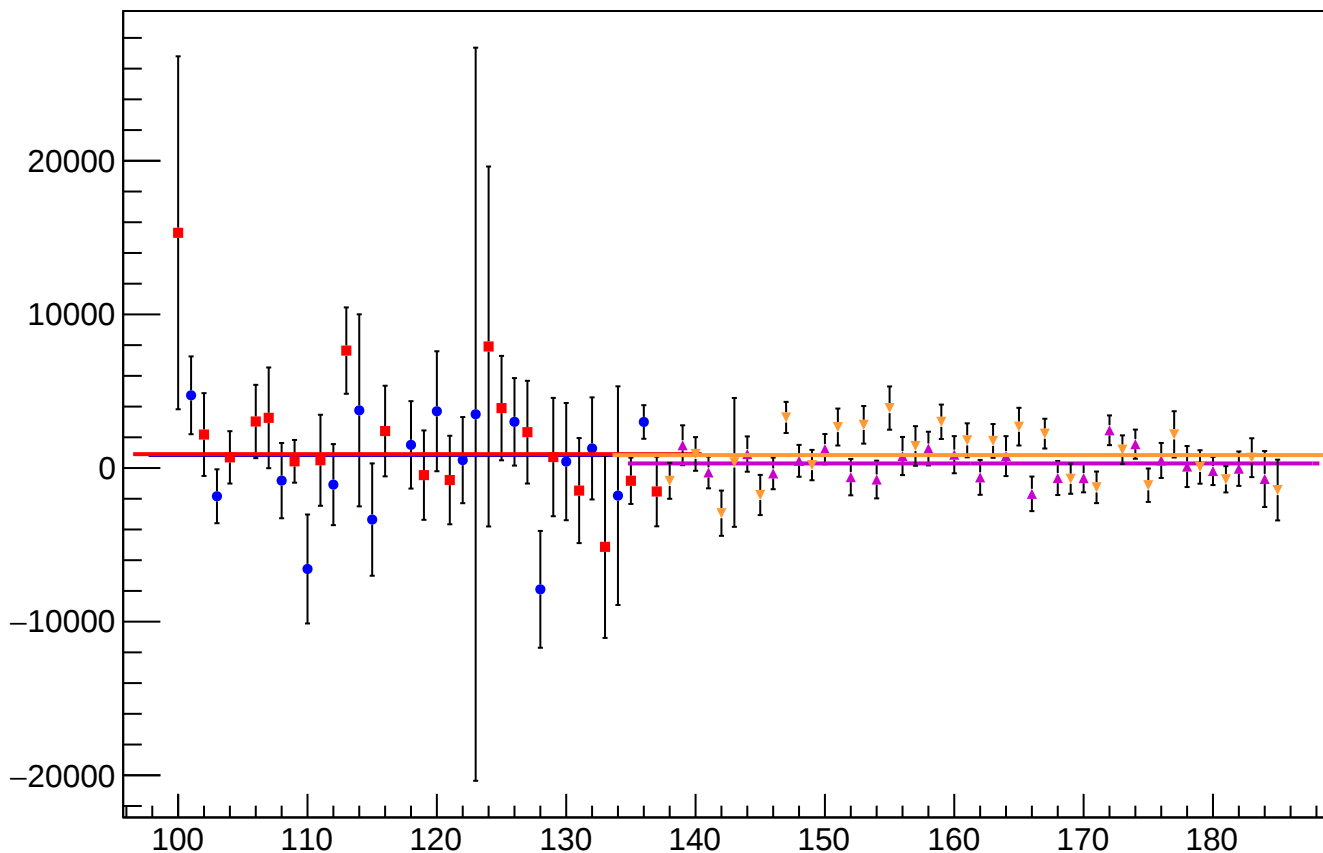
Left In: 1756.623 $\pm$ 0.298 χ^2 /NDF: 223077.6/22

+ sign 1729.030 $\pm$ 0.248 χ^2 /NDF: 1173599.9/41

All: 1720.241 $\pm$ 0.175 χ^2 /NDF: 1905898.8/83

- sign 1711.470 $\pm$ 0.247 χ^2 /NDF: 729780.5/41

asym_at2_dd_correction_mean vs Slug



Right In: 846.430 $\pm$ 632.780 χ^2/NDF : 22.1/16

Left Out: 842.484 $\pm$ 230.484 χ^2/NDF : 54.4/24

Right Out: 903.032 $\pm$ 590.474 χ^2/NDF : 15.1/18

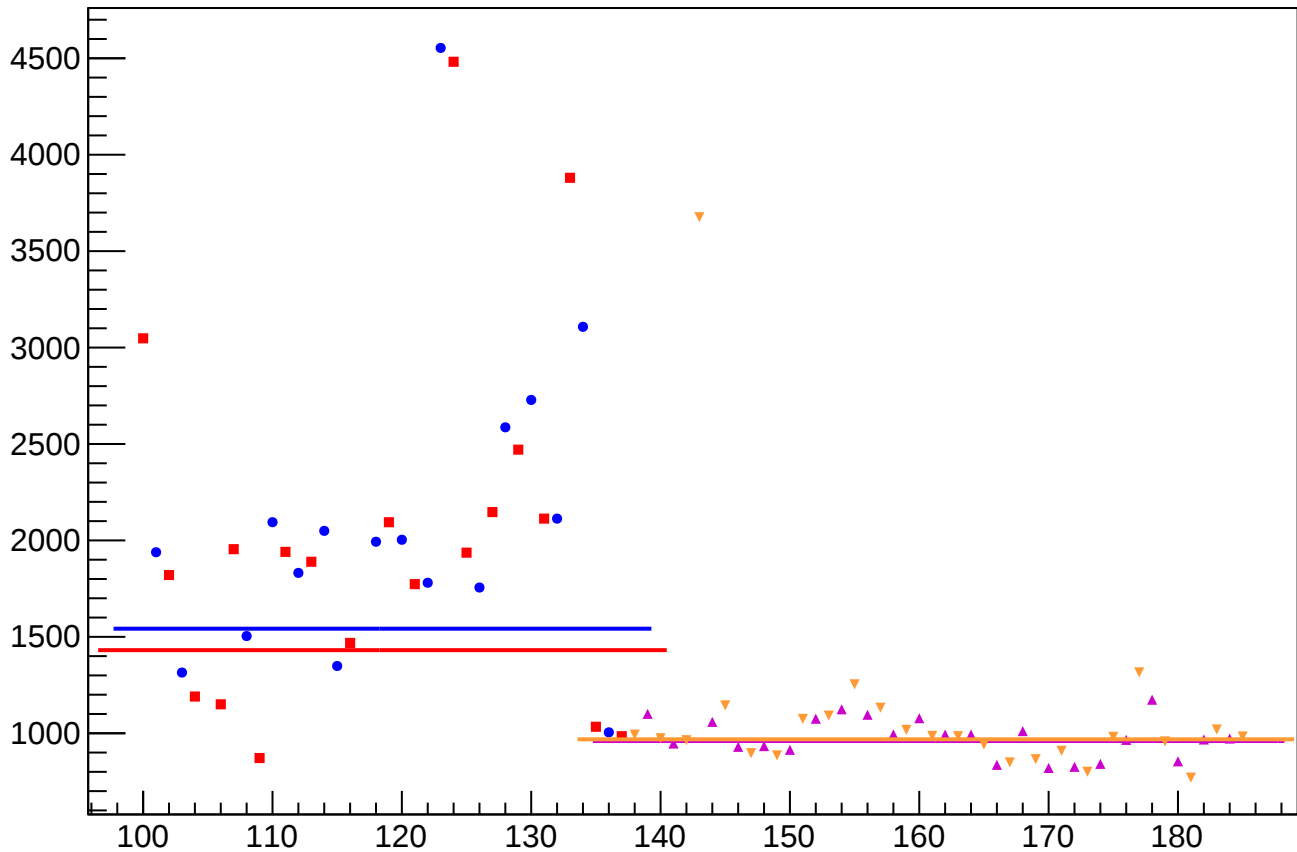
Left In: 298.801 $\pm$ 231.400 χ^2/NDF : 18.3/22

+ sign 842.946 $\pm$ 216.565 χ^2/NDF : 76.5/41

All: 609.893 $\pm$ 152.738 χ^2/NDF : 113.2/83

- sign 379.243 $\pm$ 215.447 χ^2/NDF : 34.4/41

asym_at2_dd_correction_rms vs Slug



Right In: 1542.291+/-0.447 χ^2/NDF : 1293220.0/16

Left Out: 968.670+/-0.163 χ^2/NDF : 1393552.4/24

+ sign 1035.859+/-0.153 χ^2/NDF : 4137783.2/41

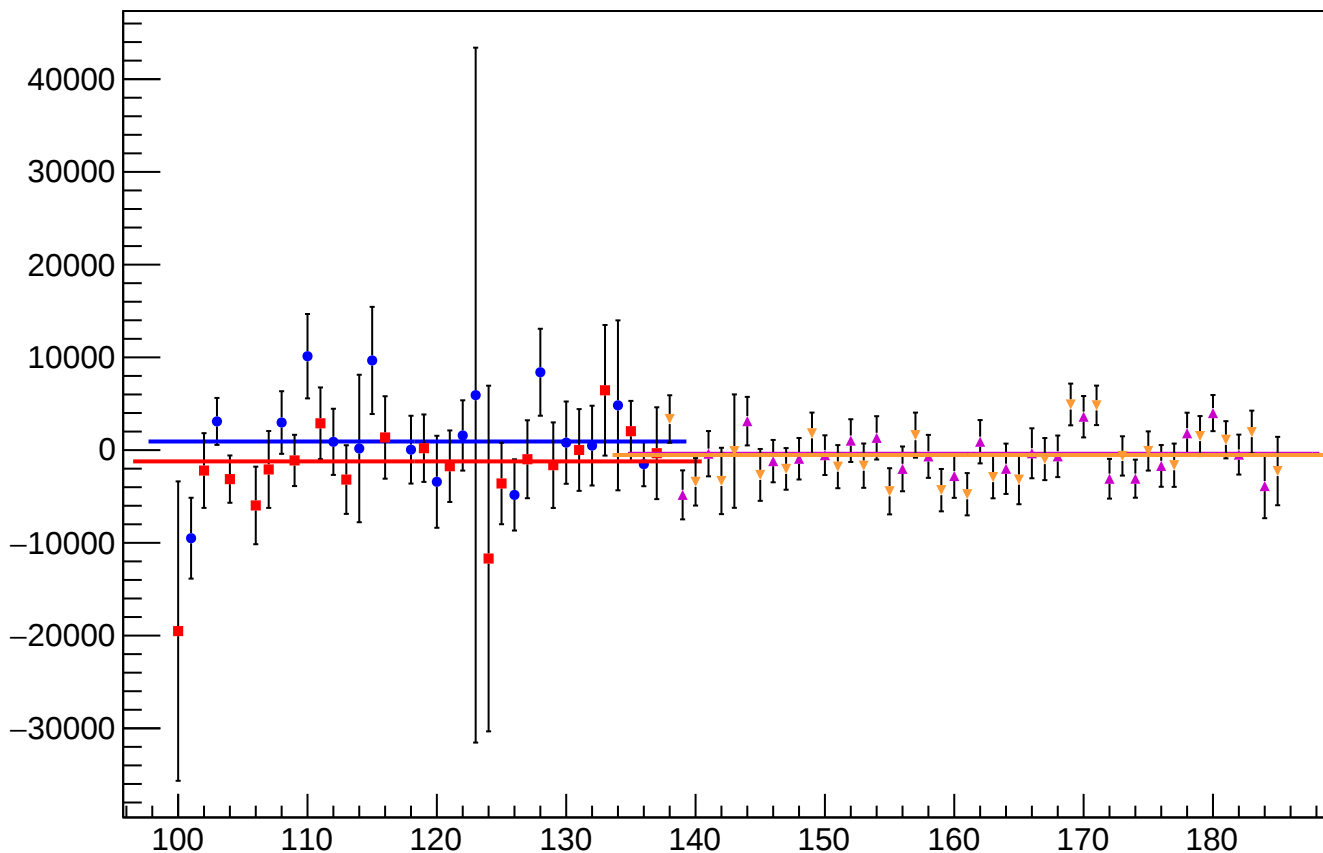
Right Out: 1430.966+/-0.418 χ^2/NDF : 1823025.4/18

All: 1029.160+/-0.108 χ^2/NDF : 7439703.2/83

- sign 1022.531+/-0.152 χ^2/NDF : 3298112.5/41

Left In: 959.805+/-0.164 χ^2/NDF : 371210.5/22

asym_at2_dd_mean vs Slug



Right In: 928.405 ± 970.555 χ^2/NDF : 20.1/16

Left Out: -528.331 ± 481.551 χ^2/NDF : 33.8/24

Right Out: -1216.382 ± 927.249 χ^2/NDF : 8.1/18

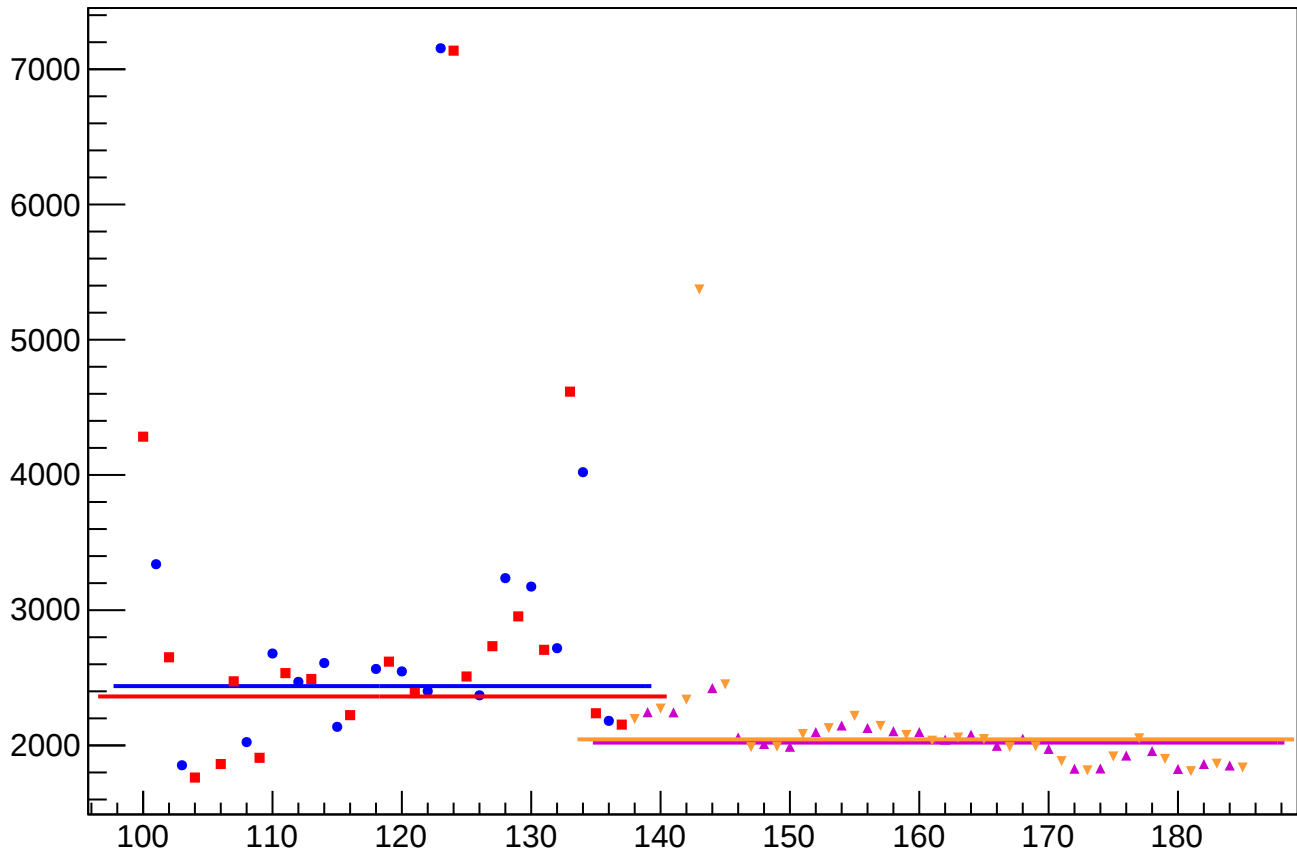
Left In: -397.398 ± 485.048 χ^2/NDF : 21.8/22

+ sign -240.561 ± 431.373 χ^2/NDF : 55.7/41

All: -407.567 ± 304.467 χ^2/NDF : 86.5/83

- sign -573.355 ± 429.795 χ^2/NDF : 30.5/41

asym_at2_dd_rms vs Slug



Right In: 2438.478+/-0.686 χ^2/NDF : 474942.5/16

Left Out: 2044.738+/-0.341 χ^2/NDF : 788731.1/24

Right Out: 2362.082+/-0.656 χ^2/NDF : 657383.2/18

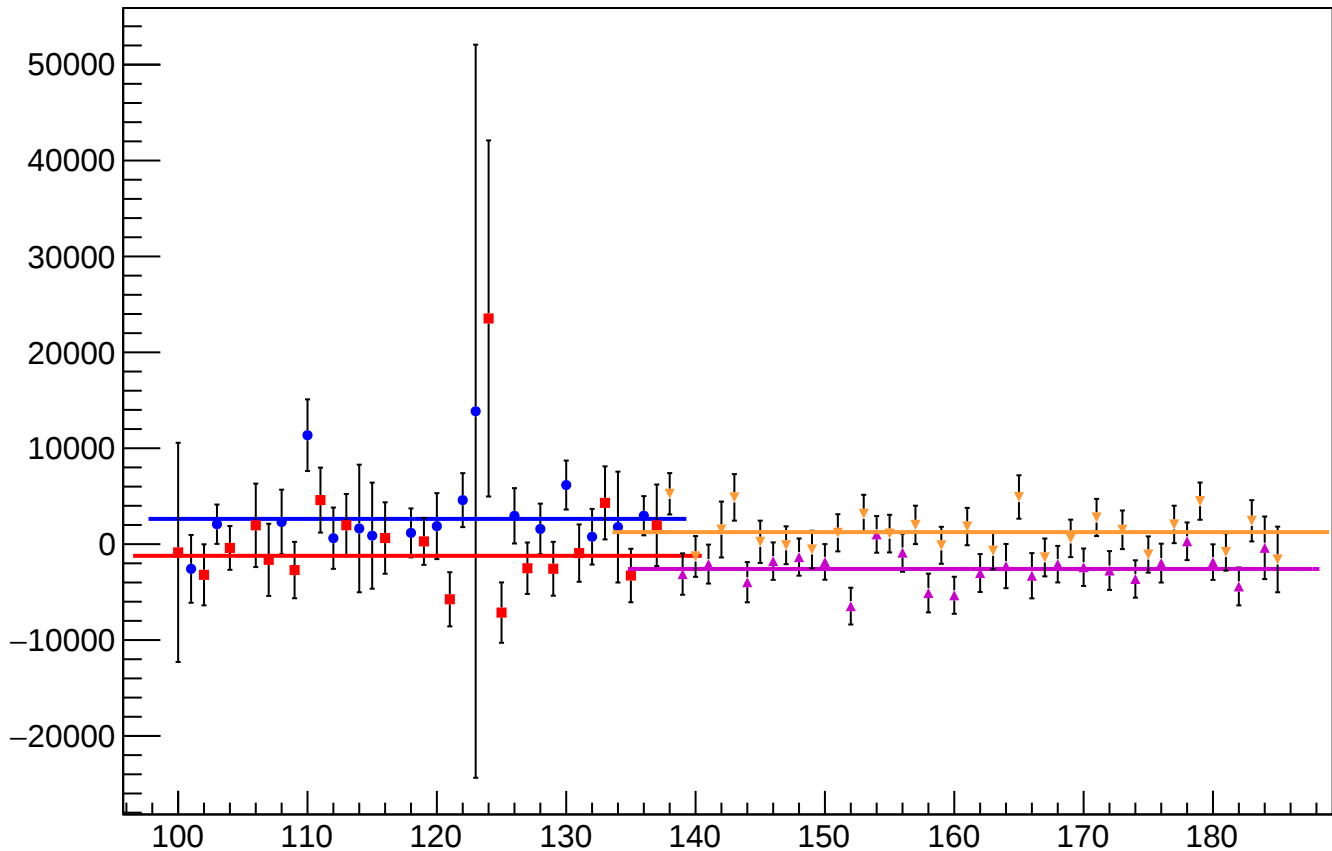
Left In: 2020.802+/-0.343 χ^2/NDF : 173502.0/22

+ sign 2122.519+/-0.305 χ^2/NDF : 1527812.1/41

All: 2108.270+/-0.215 χ^2/NDF : 2575769.7/83

- sign 2094.125+/-0.304 χ^2/NDF : 1043609.1/41

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2633.941 $\pm$ 745.154 χ^2 /NDF: 11.7/16

Left Out: 1255.397 $\pm$ 412.539 χ^2 /NDF:23.1/24

Right Out: -1215.611 $\pm$ 741.742 χ^2 /NDF: 17.4/18

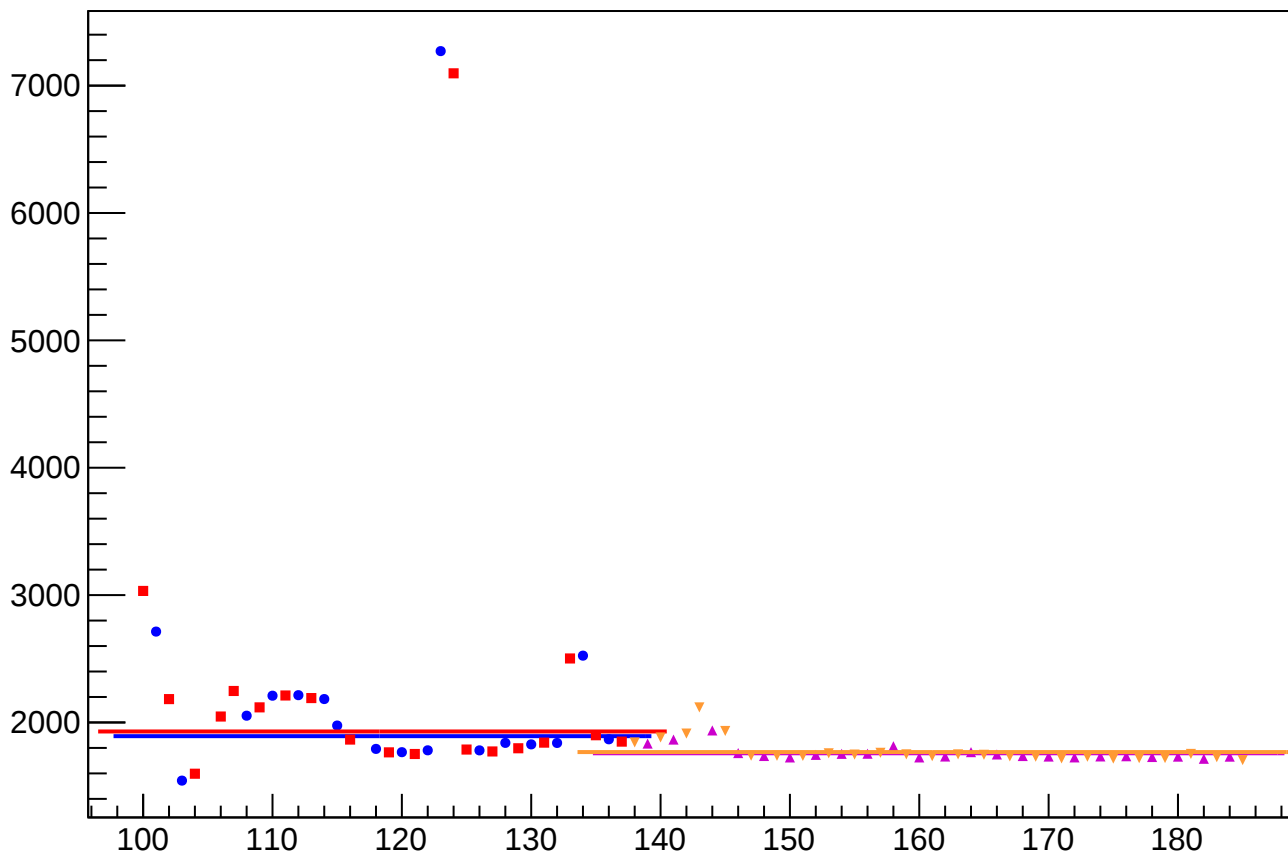
Left In: -2586.937 $\pm$ 421.510 χ^2 /NDF:17.5/22

+ sign 1578.802 $\pm$ 360.919 χ^2 /NDF: 37.4/41

All: -307.457 $\pm$ 257.149 χ^2 /NDF: 130.4/83

- sign -2252.192 $\pm$ 366.471 χ^2 /NDF: 37.5/41

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1892.368+/-0.527 χ^2/NDF : 287730.3/16

Left Out: 1767.524+/-0.292 χ^2/NDF : 77673.0/24

Right Out: 1929.250+/-0.524 χ^2/NDF : 360280.1/18

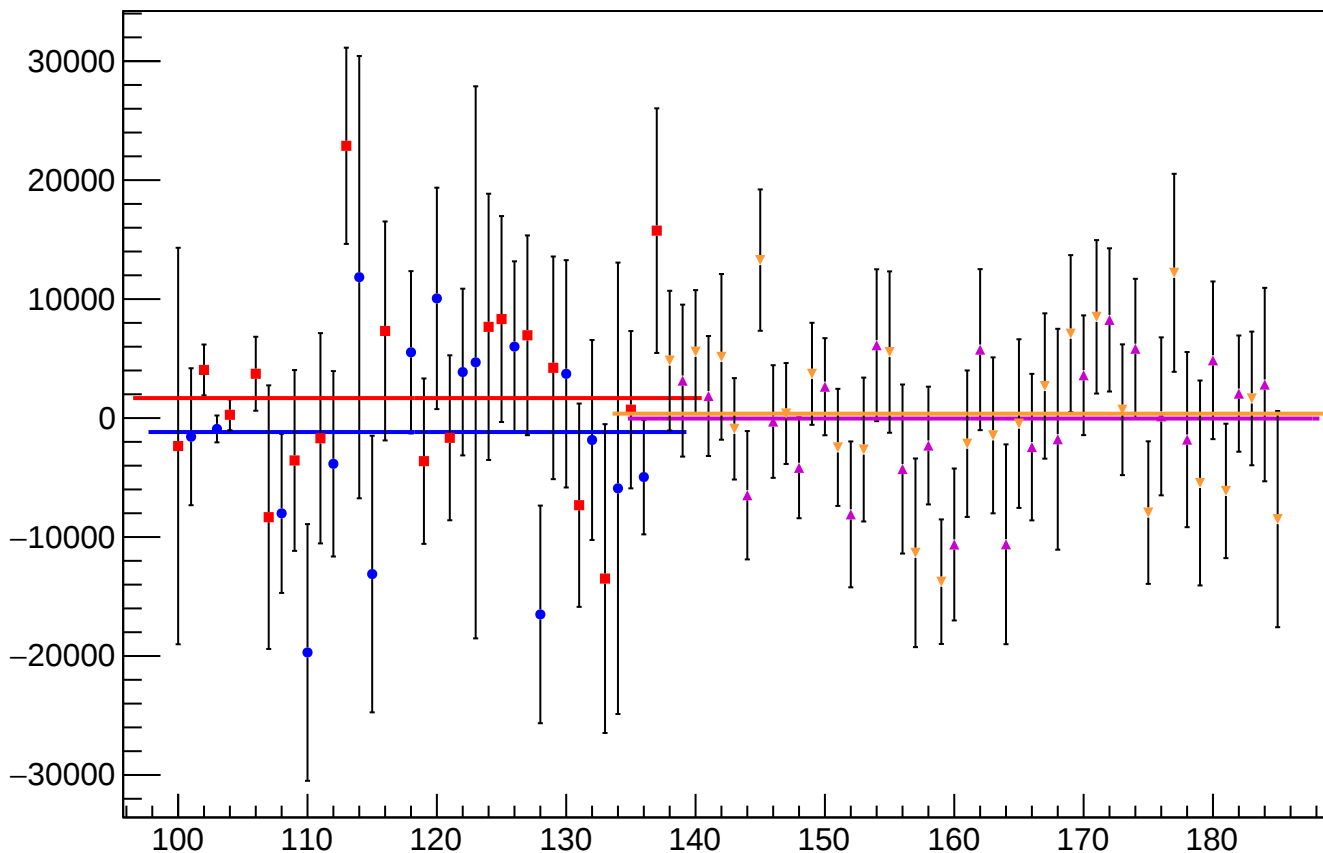
Left In: 1758.076+/-0.298 χ^2/NDF : 29806.0/22

+ sign 1796.812+/-0.255 χ^2/NDF : 408373.4/41

All: 1798.363+/-0.182 χ^2/NDF : 879239.5/83

- sign 1799.960+/-0.259 χ^2/NDF : 470791.1/41

asym_atl1r2_avg_correction_mean vs Slug



Right In: -1175.288 ± 985.256 χ^2/NDF : 13.5/16

Left Out: 370.504 ± 1170.181 χ^2/NDF : 27.9/24

Right Out: 1679.065 ± 942.057 χ^2/NDF : 17.8/18

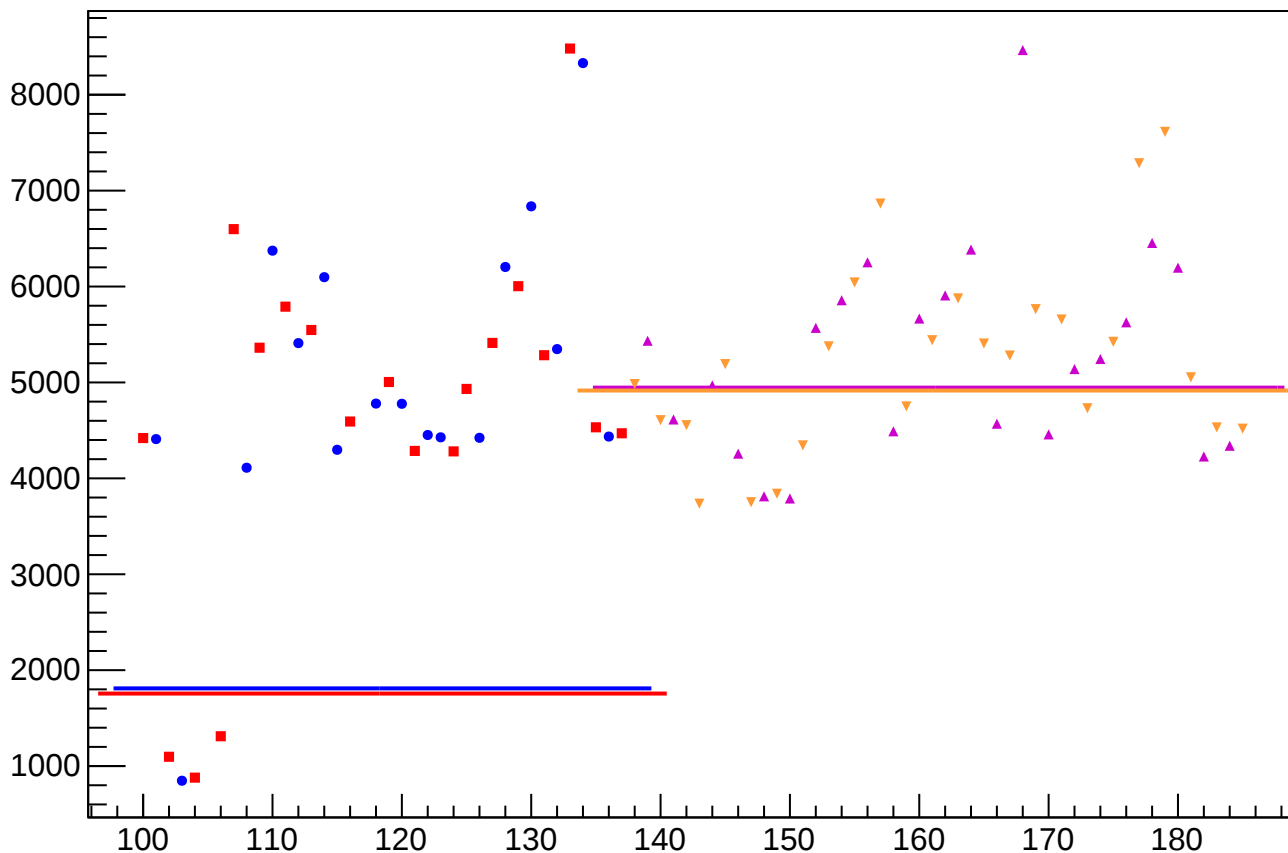
Left In: -40.618 ± 1207.491 χ^2/NDF : 16.0/22

+ sign -534.043 ± 753.684 χ^2/NDF : 42.4/41

All: 258.587 ± 529.027 χ^2/NDF : 79.7/83

- sign 1028.387 ± 742.751 χ^2/NDF : 35.1/41

asym_atl1r2_avg_correction_rms vs Slug



Right In: 1810.087 $\pm$ 0.697 χ^2 /NDF: 6438570.3/16

Left Out: 4915.769 $\pm$ 0.827 χ^2 /NDF:1186634.5/24

Right Out: 1756.198 $\pm$ 0.666 χ^2 /NDF: 6295444.5/18

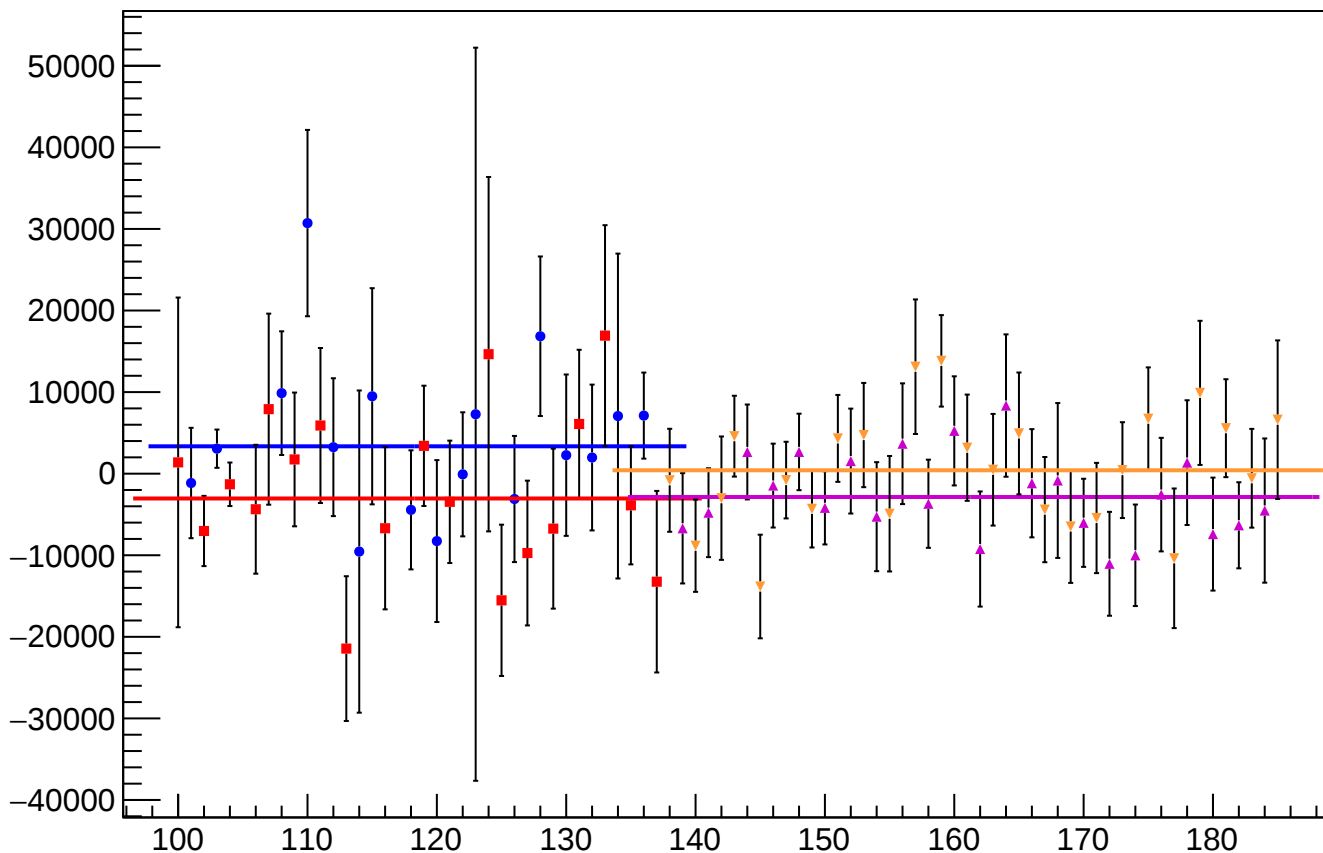
Left In: 4945.817 $\pm$ 0.854 χ^2 /NDF:1188288.6/22

+ sign 3098.424 $\pm$ 0.533 χ^2 /NDF: 15868833.6/41

All: 3029.752 $\pm$ 0.374 χ^2 /NDF: 32060323.7/8

- sign 2963.057 $\pm$ 0.525 χ^2 /NDF: 16158760.3/41

asym_atl1r2_avg_mean vs Slug



Right In: 3354.333 $\pm$ 1609.286 χ^2 /NDF: 13.5/16

Left Out: 415.471 $\pm$ 1258.419 χ^2 /NDF: 27.1/24

Right Out: -3042.258 $\pm$ 1608.040 χ^2 /NDF: 15.9/18

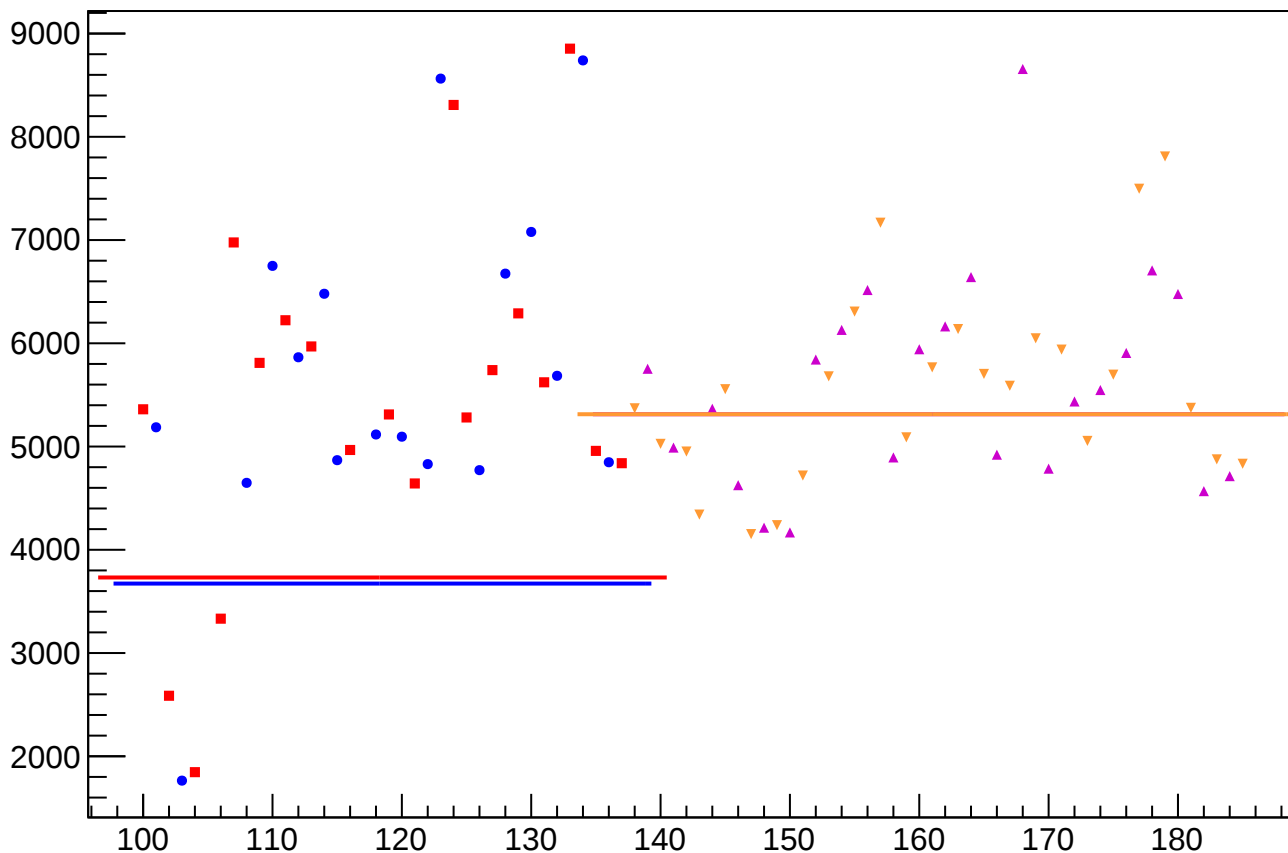
Left In: -2860.252 $\pm$ 1292.328 χ^2 /NDF: 12.9/22

+ sign 1530.632 $\pm$ 991.317 χ^2 /NDF: 42.7/41

All: -664.762 $\pm$ 706.562 χ^2 /NDF: 81.4/83

- sign -2931.675 $\pm$ 1007.335 χ^2 /NDF: 28.8/41

asym_atl1r2_avg_rms vs Slug



Right In: 3672.737 ± 1.138 $\chi^2/\text{NDF}: 2780170.9/16$

Left Out: 5312.936 ± 0.890 $\chi^2/\text{NDF}: 894504.9/24$

Right Out: 3731.692 ± 1.129 $\chi^2/\text{NDF}: 2692478.3/18$

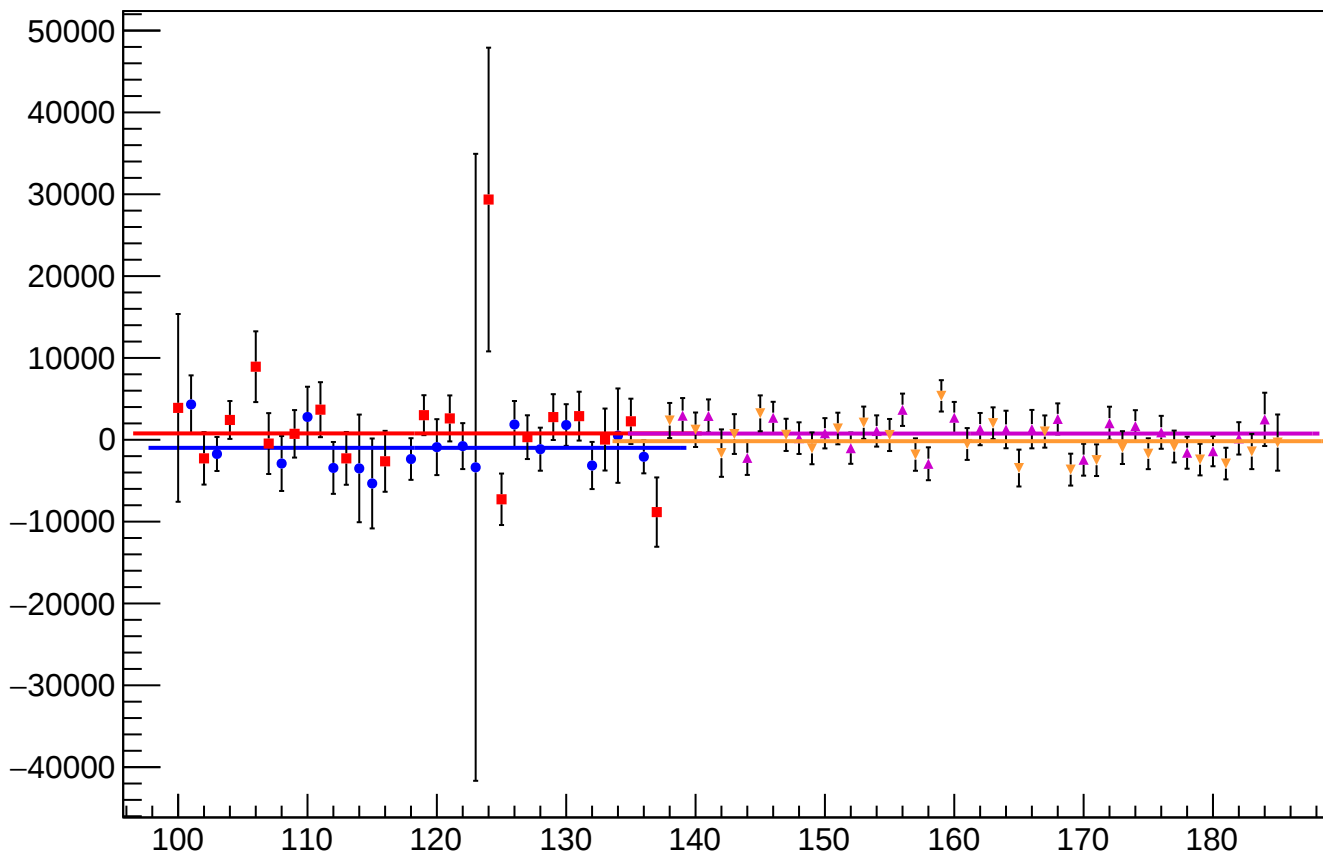
Left In: 5312.861 ± 0.914 $\chi^2/\text{NDF}: 957400.7/22$

+ sign 4690.557 ± 0.701 $\chi^2/\text{NDF}: 4963907.4/41$

All: 4688.966 ± 0.499 $\chi^2/\text{NDF}: 9798229.9/83$

- sign 4687.331 ± 0.710 $\chi^2/\text{NDF}: 4834312.1/41$

reg_asym_atl1r2_dd_mean vs Slug



Right In: -984.395+/-742.831 χ^2/NDF : 8.5/16

Left Out: -172.351+/-411.029 χ^2/NDF : 29.1/24

Right Out: 778.348+/-739.635 χ^2/NDF : 24.3/18

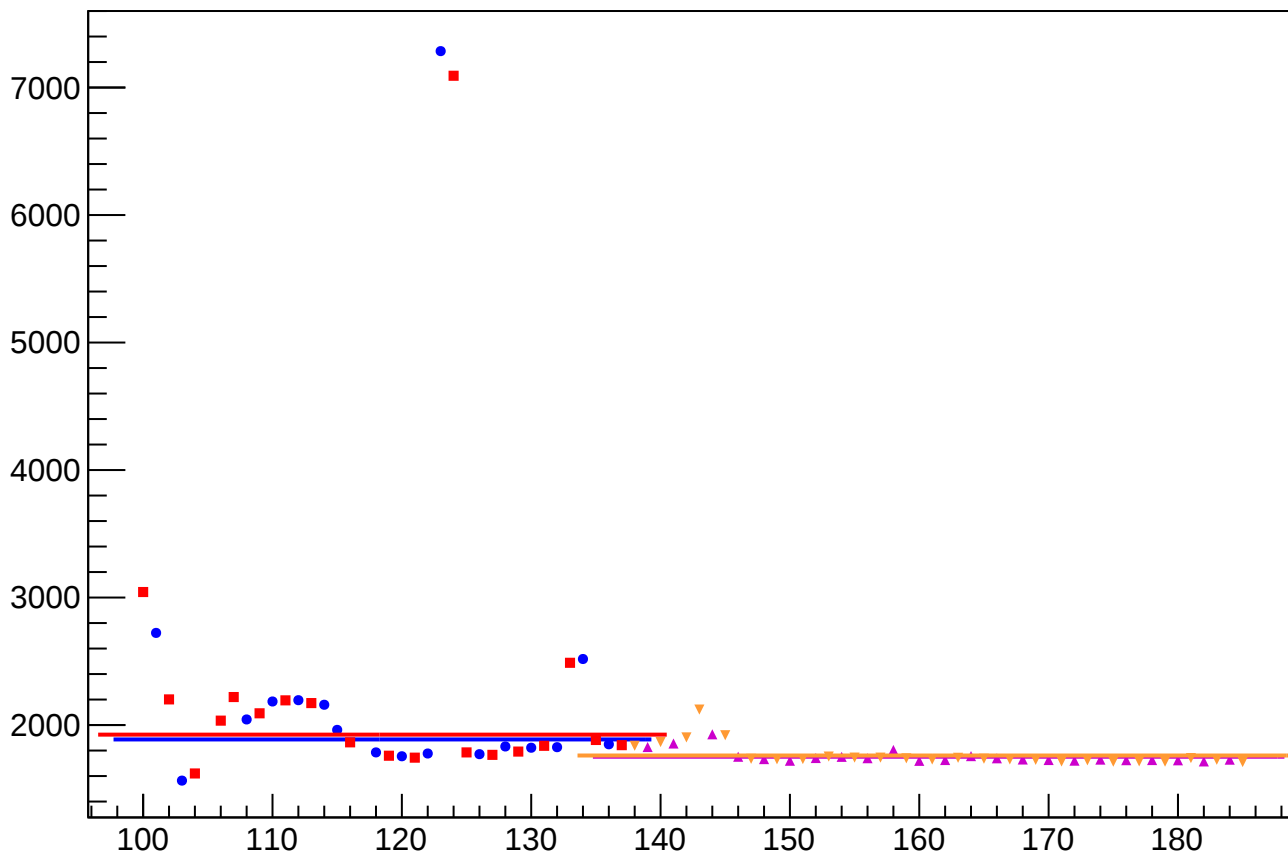
Left In: 759.753+/-419.905 χ^2/NDF : 20.3/22

+ sign -362.697+/-359.644 χ^2/NDF : 38.6/41

All: 192.215+/-256.235 χ^2/NDF : 88.0/83

- sign 764.286+/-365.162 χ^2/NDF : 44.6/41

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1887.042 $\pm$ 0.525 χ^2 /NDF: 279163.5/16

Left Out: 1761.096 $\pm$ 0.291 χ^2 /NDF: 77467.4/24

Right Out: 1924.813 $\pm$ 0.522 χ^2 /NDF: 349556.4/18

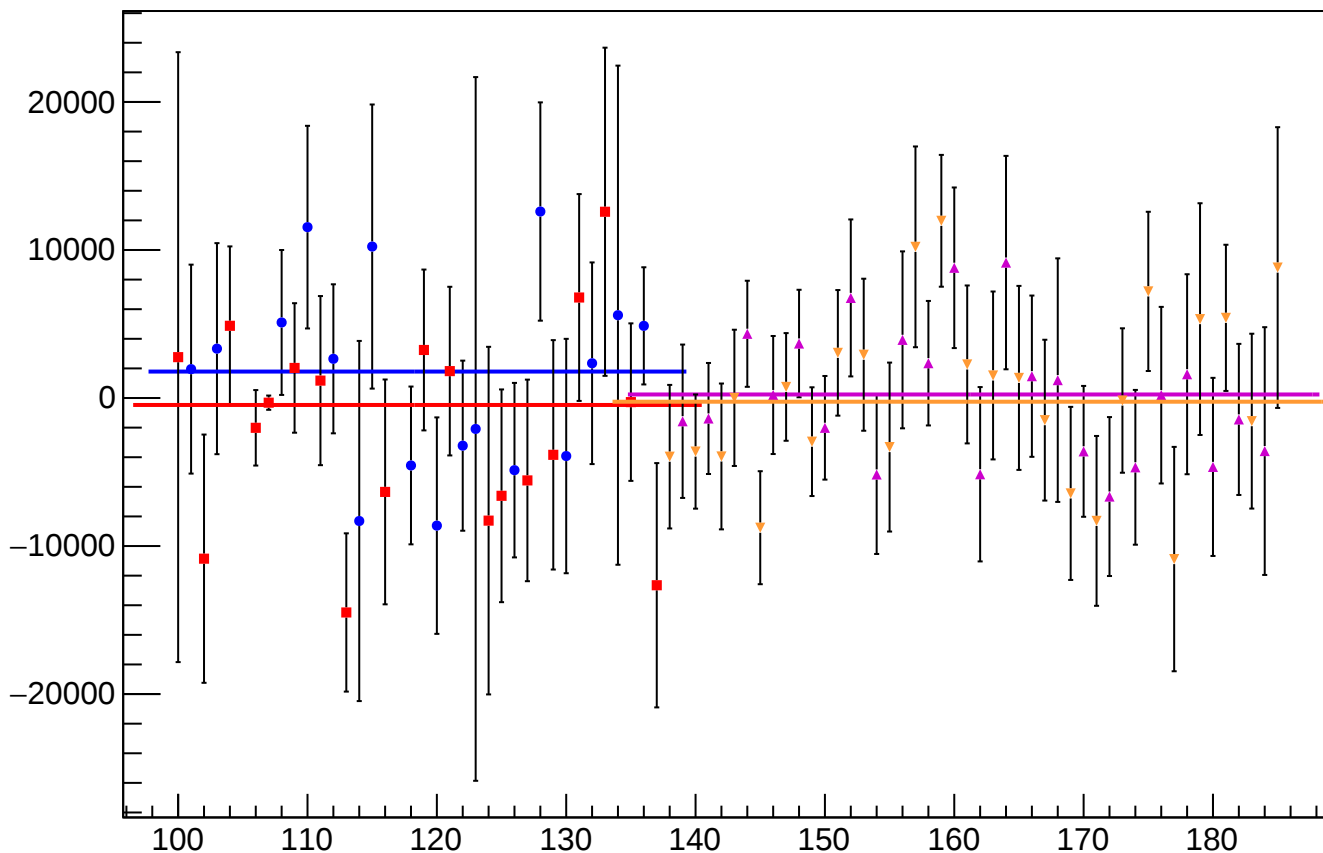
Left In: 1751.418 $\pm$ 0.297 χ^2 /NDF: 28578.7/22

+ sign 1790.619 $\pm$ 0.254 χ^2 /NDF: 400647.2/41

All: 1792.177 $\pm$ 0.181 χ^2 /NDF: 862182.2/83

- sign 1793.782 $\pm$ 0.258 χ^2 /NDF: 461458.7/41

asym_atl1r2_dd_correction_mean vs Slug



Right In: 1787.135 $\pm$ 1585.326 χ^2 /NDF: 12.9/16

Left Out: -249.465 $\pm$ 1005.218 χ^2 /NDF:28.9/24

Right Out: -469.568 $\pm$ 453.765 χ^2 /NDF: 18.1/18

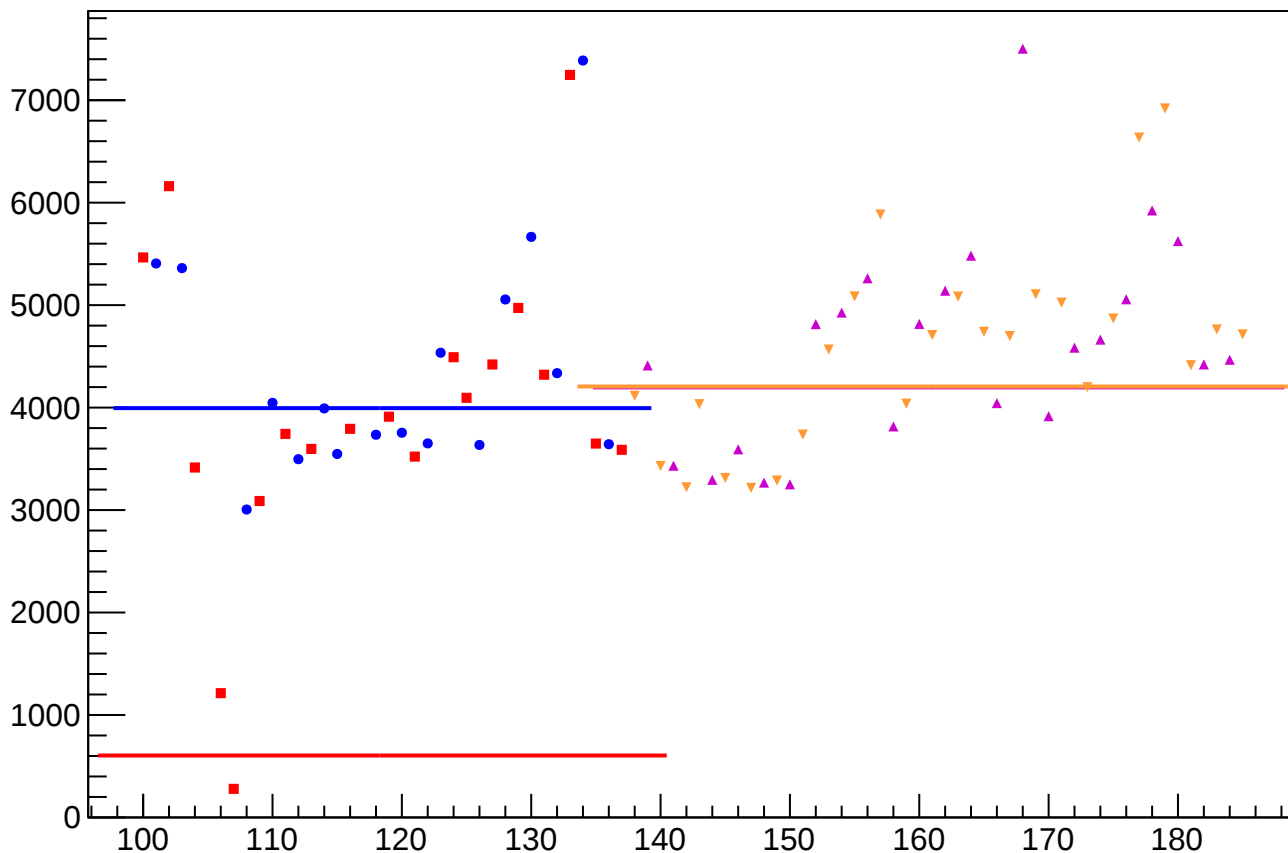
Left In: 239.224 $\pm$ 1028.883 χ^2 /NDF:15.3/22

+ sign 334.550 $\pm$ 848.942 χ^2 /NDF: 42.9/41

All: -221.225 $\pm$ 372.967 χ^2 /NDF: 77.3/83

- sign -354.154 $\pm$ 415.181 χ^2 /NDF: 33.8/41

asym_atl1r2_dd_correction_rms vs Slug



Right In: 3994.850+/-1.121 χ^2/NDF : 514121.6/16

Left Out: 4205.867+/-0.711 χ^2/NDF : 1441898.3/24

Right Out: 604.597+/-0.321 χ^2/NDF : 10213257.4/18

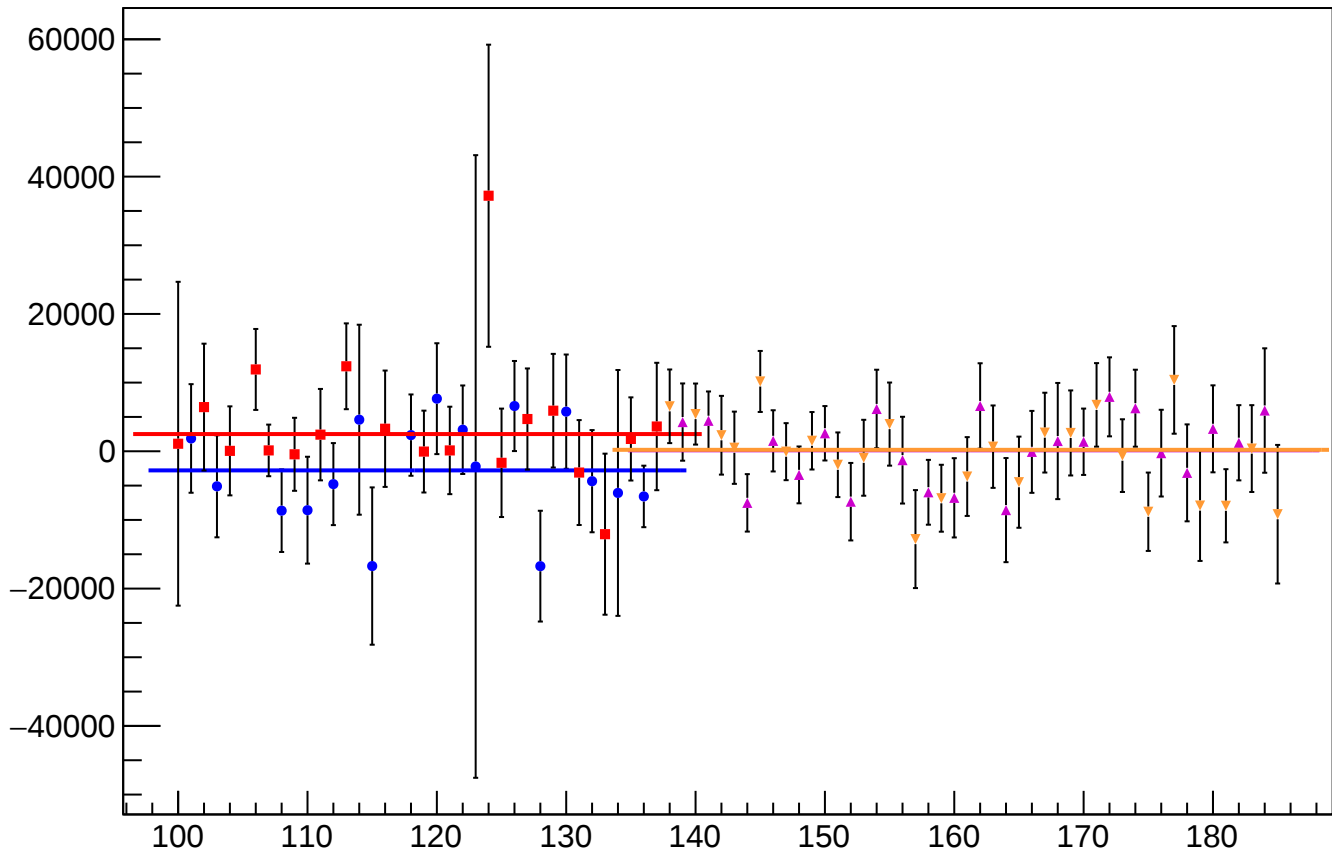
Left In: 4197.267+/-0.728 χ^2/NDF : 1471012.9/22

+ sign 4145.356+/-0.600 χ^2/NDF : 1981293.2/41

All: 1760.099+/-0.264 χ^2/NDF : 53645227.0/8

- sign 1189.602+/-0.294 χ^2/NDF : 32099048.9/41

asym_atl1r2_dd_mean vs Slug



Right In: -2785.964 ± 1791.352 χ^2/NDF : 14.0/16

Left Out: 209.580 ± 1106.942 χ^2/NDF : 25.0/24

Right Out: 2505.806 ± 1577.964 χ^2/NDF : 11.5/18

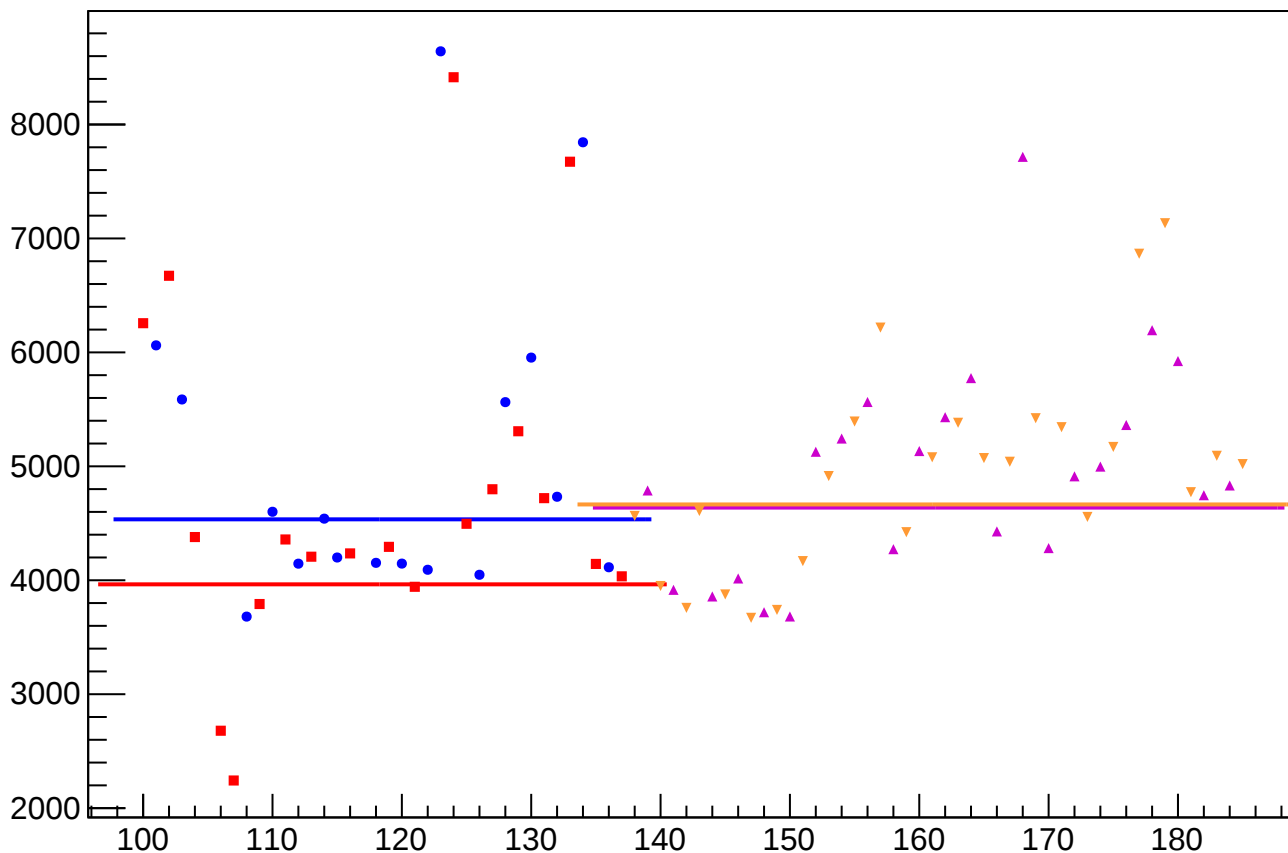
Left In: 137.477 ± 1129.656 χ^2/NDF : 18.6/22

+ sign -618.179 ± 941.662 χ^2/NDF : 41.0/41

All: 180.263 ± 657.528 χ^2/NDF : 74.0/83

- sign 939.974 ± 918.539 χ^2/NDF : 31.6/41

asym_atl1r2_dd_rms vs Slug



Right In: 4534.748+/-1.267 χ^2/NDF : 393206.7/16

Left Out: 4665.421+/-0.783 χ^2/NDF : 1017005.3/24

Right Out: 3964.264+/-1.109 χ^2/NDF : 1142035.1/18

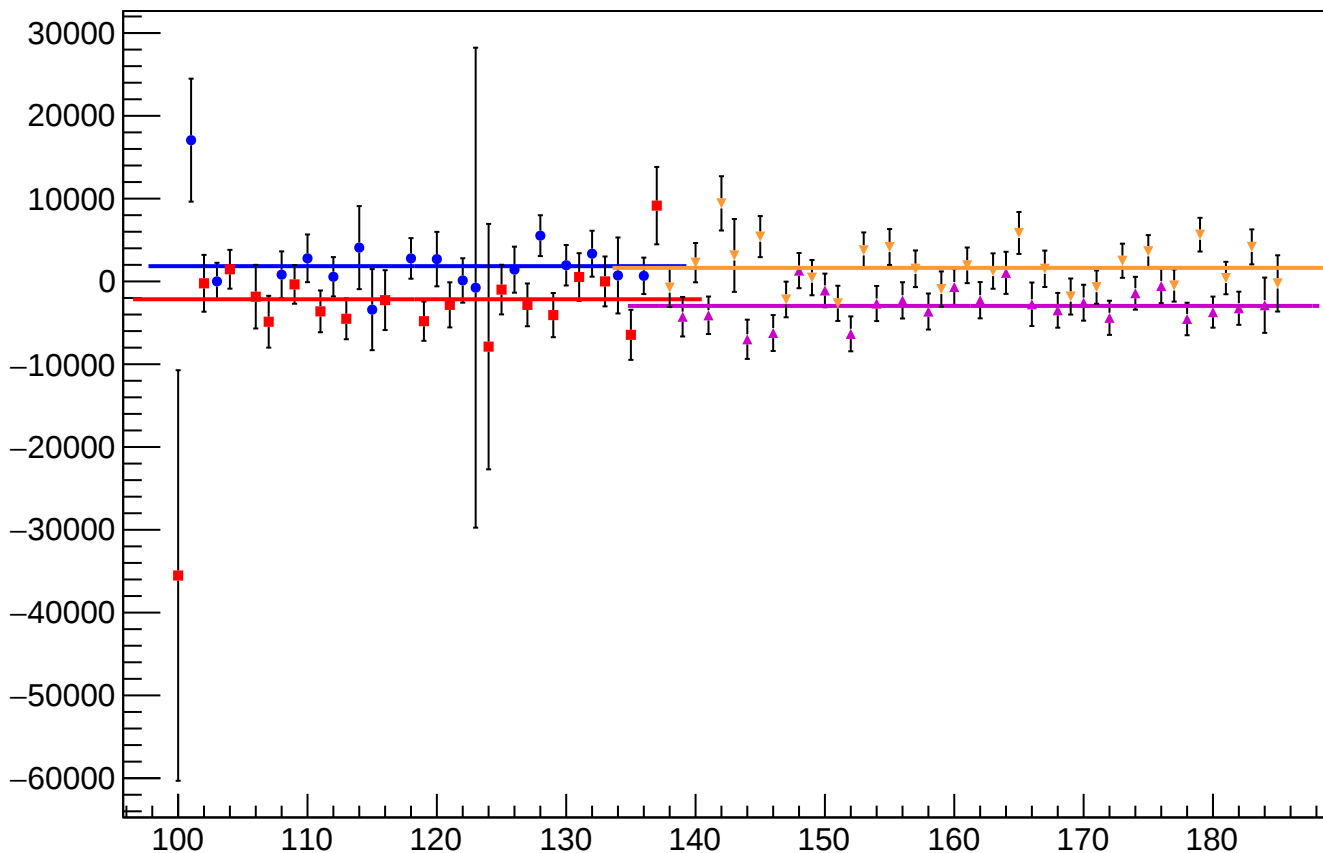
Left In: 4637.777+/-0.799 χ^2/NDF : 1065217.2/22

+ sign 4629.312+/-0.666 χ^2/NDF : 1417913.6/41

All: 4515.466+/-0.464 χ^2/NDF : 3925043.8/83

- sign 4407.615+/-0.648 χ^2/NDF : 2450203.3/41

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1842.914 ± 713.221 χ^2/NDF : 10.3/16

Left Out: 1635.024 ± 447.133 χ^2/NDF : 35.6/24

Right Out: -2154.577 ± 686.055 χ^2/NDF : 18.6/18

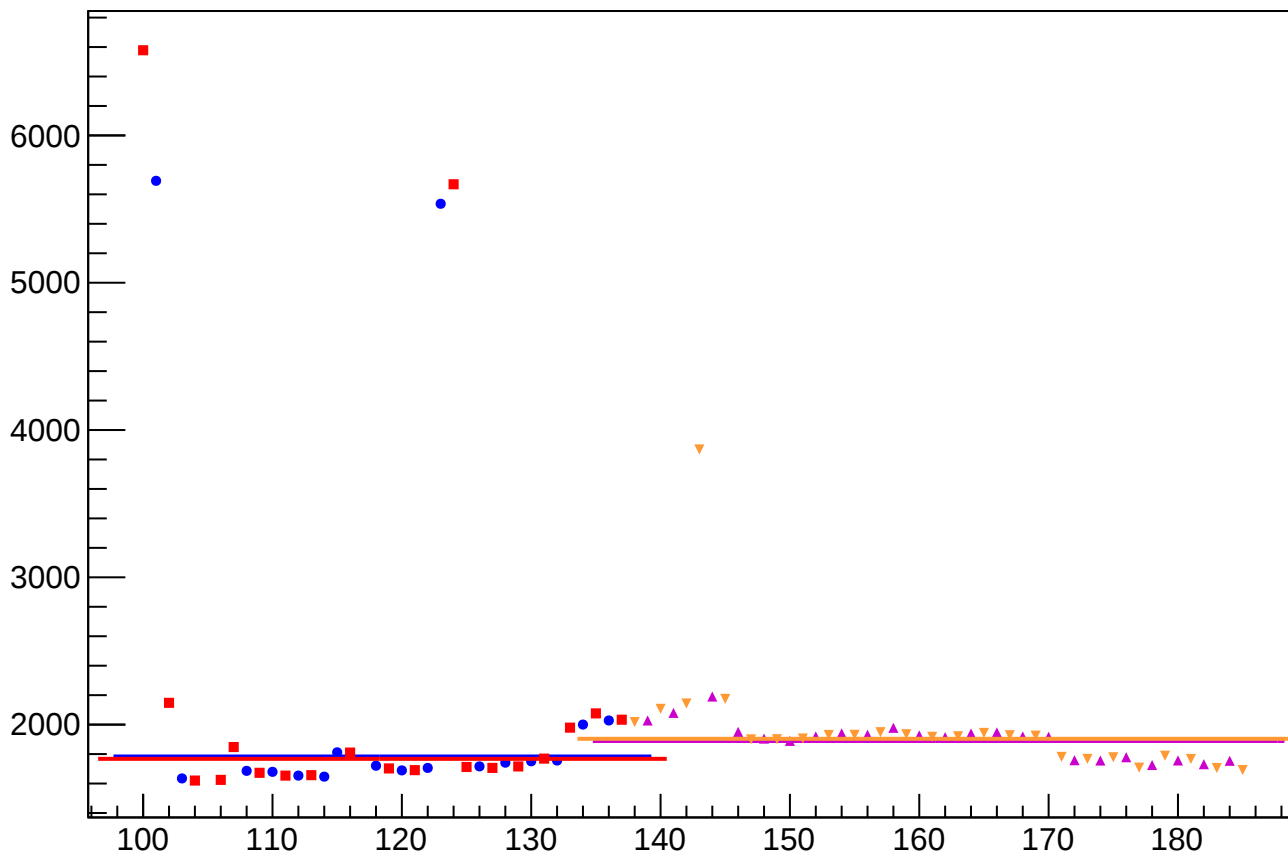
Left In: -2958.620 ± 453.688 χ^2/NDF : 20.4/22

+ sign 1693.678 ± 378.841 χ^2/NDF : 45.9/41

All: -512.565 ± 267.734 χ^2/NDF : 153.6/83

- sign -2713.982 ± 378.426 χ^2/NDF : 39.9/41

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1783.480+/-0.504 χ^2/NDF : 644626.7/16

Left Out: 1903.674+/-0.316 χ^2/NDF : 541477.8/24

Right Out: 1767.629+/-0.482 χ^2/NDF : 306027.2/18

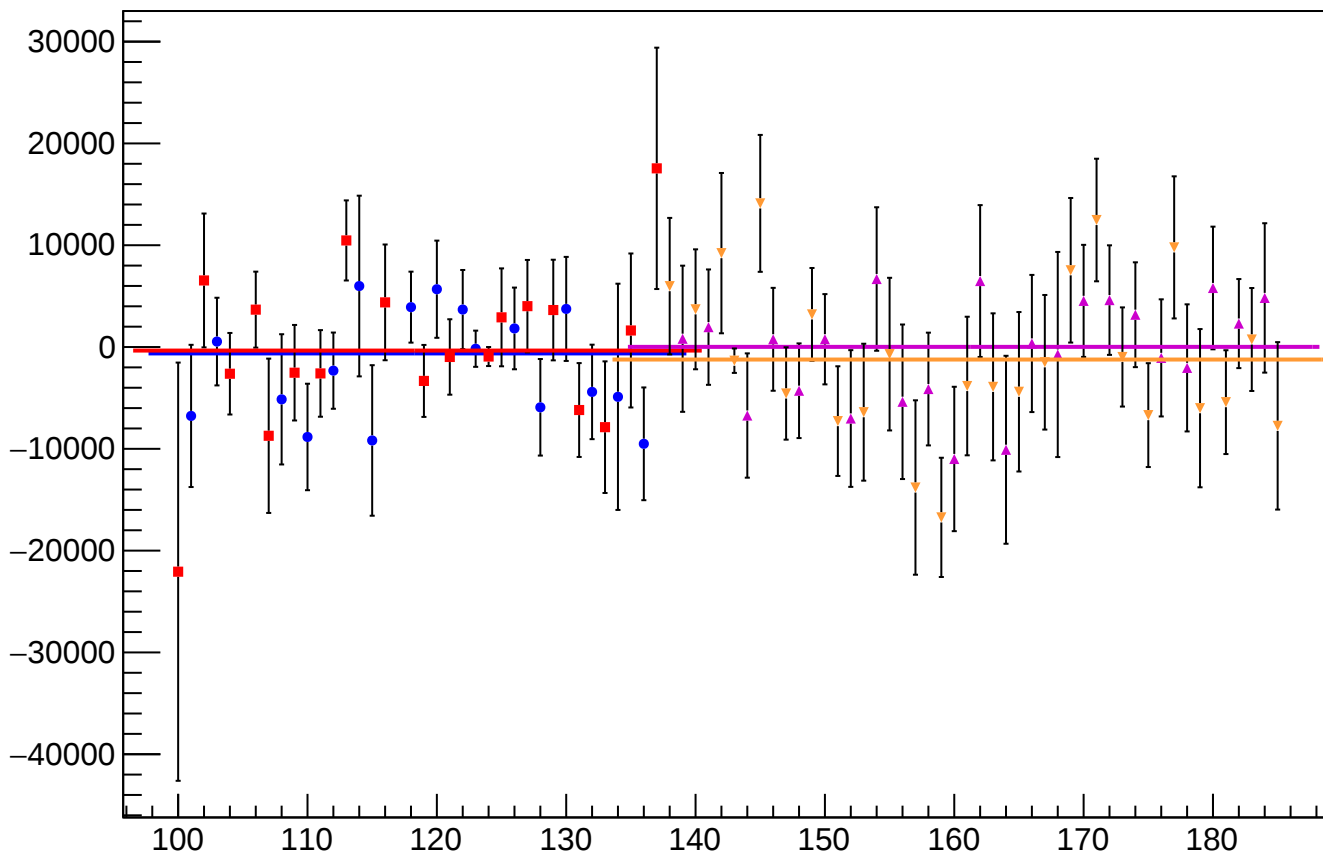
Left In: 1888.927+/-0.321 χ^2/NDF : 126417.2/22

+ sign 1869.762+/-0.268 χ^2/NDF : 1226878.4/41

All: 1860.685+/-0.189 χ^2/NDF : 1705528.4/83

- sign 1851.665+/-0.267 χ^2/NDF : 476360.8/41

asym_atr1l2_avg_correction_mean vs Slug



Right In: -628.255+/-1010.986 χ^2/NDF : 16.4/16

Left Out: -1228.849+/-865.268 χ^2/NDF : 34.0/24

Right Out: -347.826+/-725.877 χ^2/NDF : 22.1/18

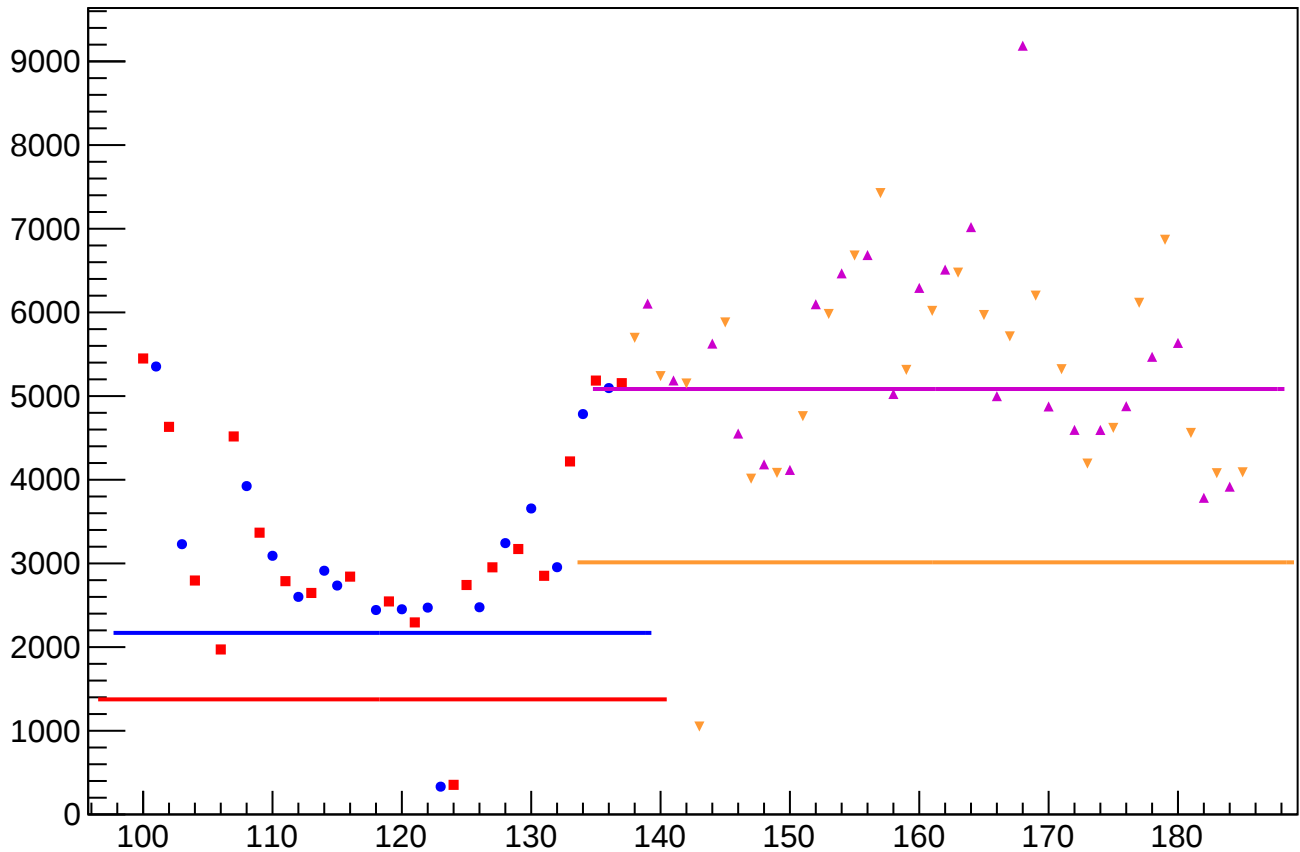
Left In: 15.863+/-1243.317 χ^2/NDF : 13.2/22

+ sign -974.918+/-657.375 χ^2/NDF : 50.5/41

All: -598.061+/-453.663 χ^2/NDF : 86.6/83

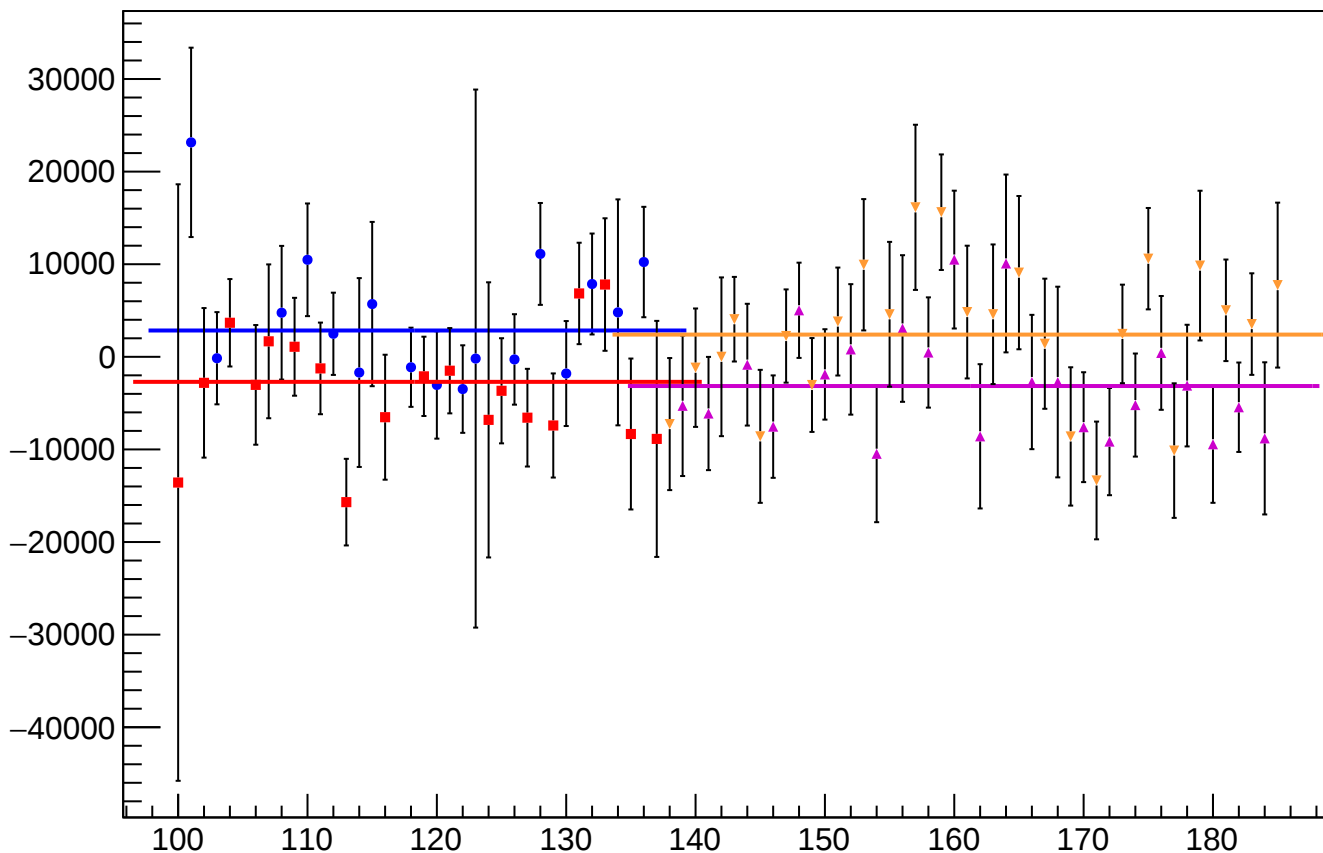
- sign -255.375+/-626.864 χ^2/NDF : 35.4/41

asym_atr1l2_avg_correction_rms vs Slug



Right In: 2169.912 $\pm$ 0.715	χ^2 /NDF: 3978081.8/16	+ sign 2656.542 $\pm$ 0.465	χ^2 /NDF: 17050586.5/41
Left Out: 3013.001 $\pm$ 0.612	χ^2 /NDF: 12269694.9/24	All: 2479.377 $\pm$ 0.321	χ^2 /NDF: 38746160.4/8
Right Out: 1375.364 $\pm$ 0.513	χ^2 /NDF: 6838676.6/18	- sign 2318.277 $\pm$ 0.443	χ^2 /NDF: 21418217.8/41
Left In: 5084.645 $\pm$ 0.879	χ^2 /NDF: 1303587.7/22		

asym_atr1l2_avg_mean vs Slug



Right In: 2842.572 $\pm$ 1452.178 χ^2 /NDF: 15.7/16

Left Out: 2400.396 $\pm$ 1286.674 χ^2 /NDF:29.9/24

Right Out: -2702.572 $\pm$ 1382.936 χ^2 /NDF: 18.2/18

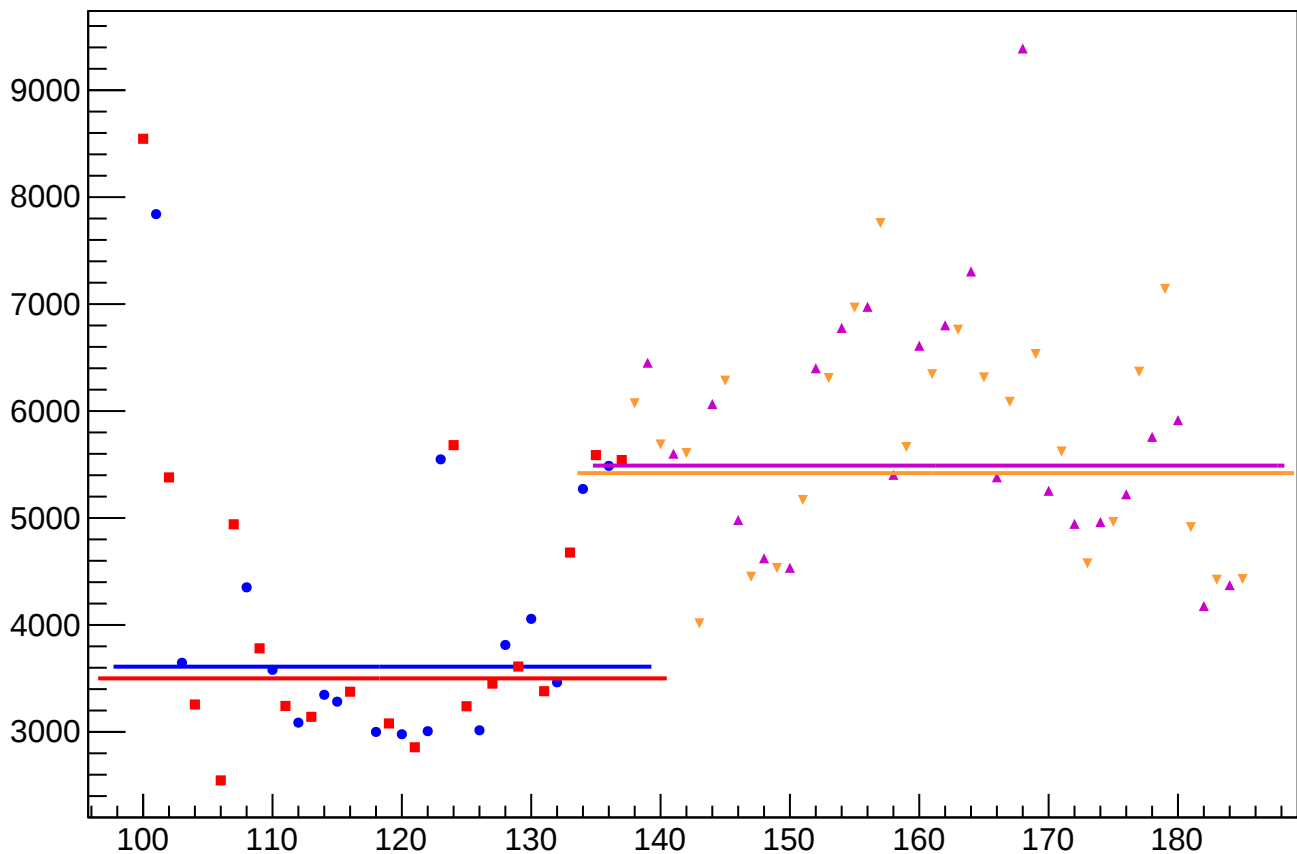
Left In: -3153.449 $\pm$ 1337.378 χ^2 /NDF:15.5/22

+ sign 2594.861 $\pm$ 963.038 χ^2 /NDF: 45.6/41

All: -175.137 $\pm$ 680.381 χ^2 /NDF: 95.9/83

- sign -2935.559 $\pm$ 961.372 χ^2 /NDF: 33.7/41

asym_atr1l2_avg_rms vs Slug



Right In: 3610.008+/-1.027 χ^2/NDF : 783187.3/16

Left Out: 5419.411+/-0.910 χ^2/NDF : 1110075.3/24

Right Out: 3500.718+/-0.964 χ^2/NDF : 661555.5/18

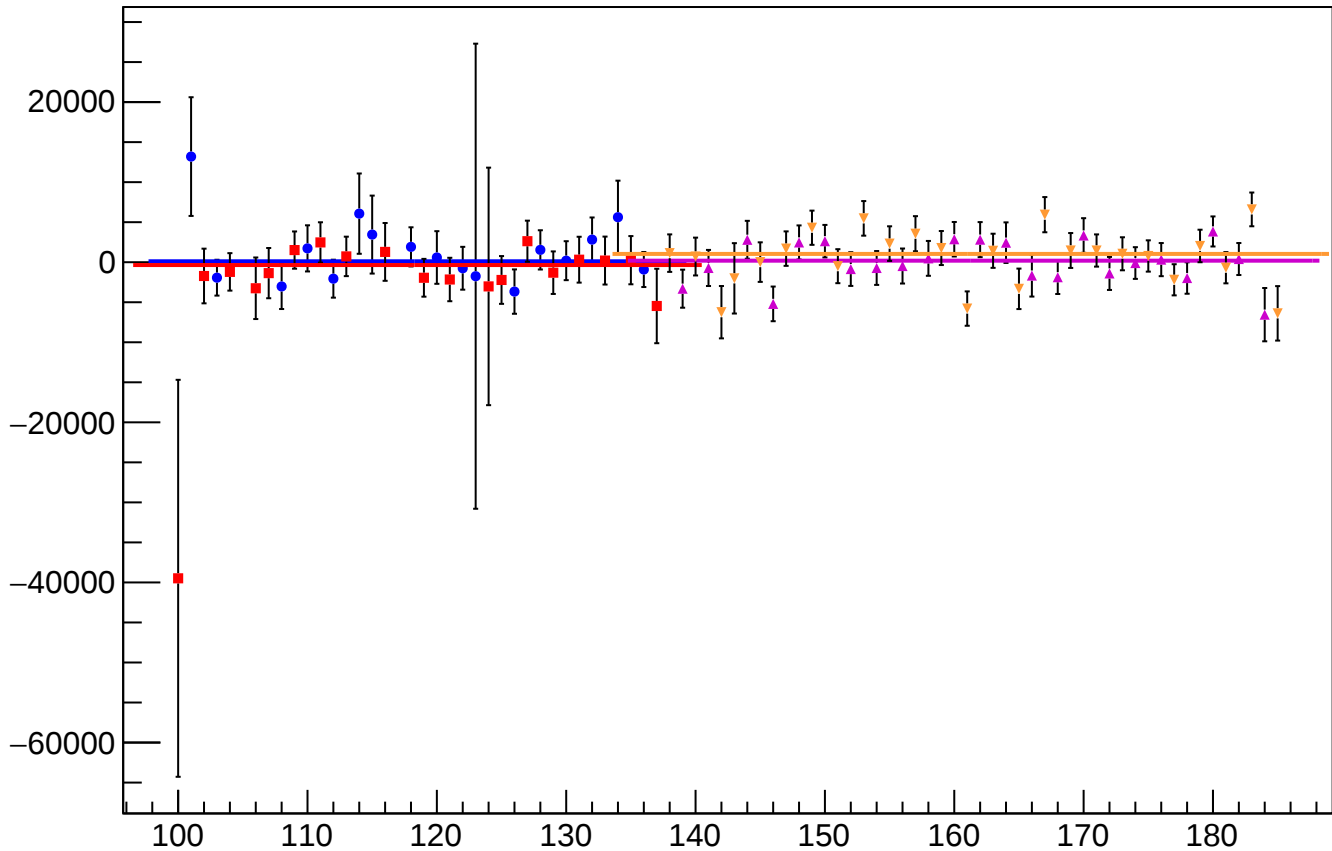
Left In: 5489.885+/-0.946 χ^2/NDF : 1064353.3/22

+ sign 4623.645+/-0.681 χ^2/NDF : 3632718.0/41

All: 4568.665+/-0.479 χ^2/NDF : 7540831.8/83

- sign 4514.620+/-0.675 χ^2/NDF : 3895187.6/41

reg_asym_atr1l2_dd_mean vs Slug



Right In: 115.789 $\pm$ 711.081 χ^2 /NDF: 13.7/16

Left Out: 1036.120 $\pm$ 446.320 χ^2 /NDF: 48.3/24

Right Out: -353.491 $\pm$ 683.689 χ^2 /NDF: 9.9/18

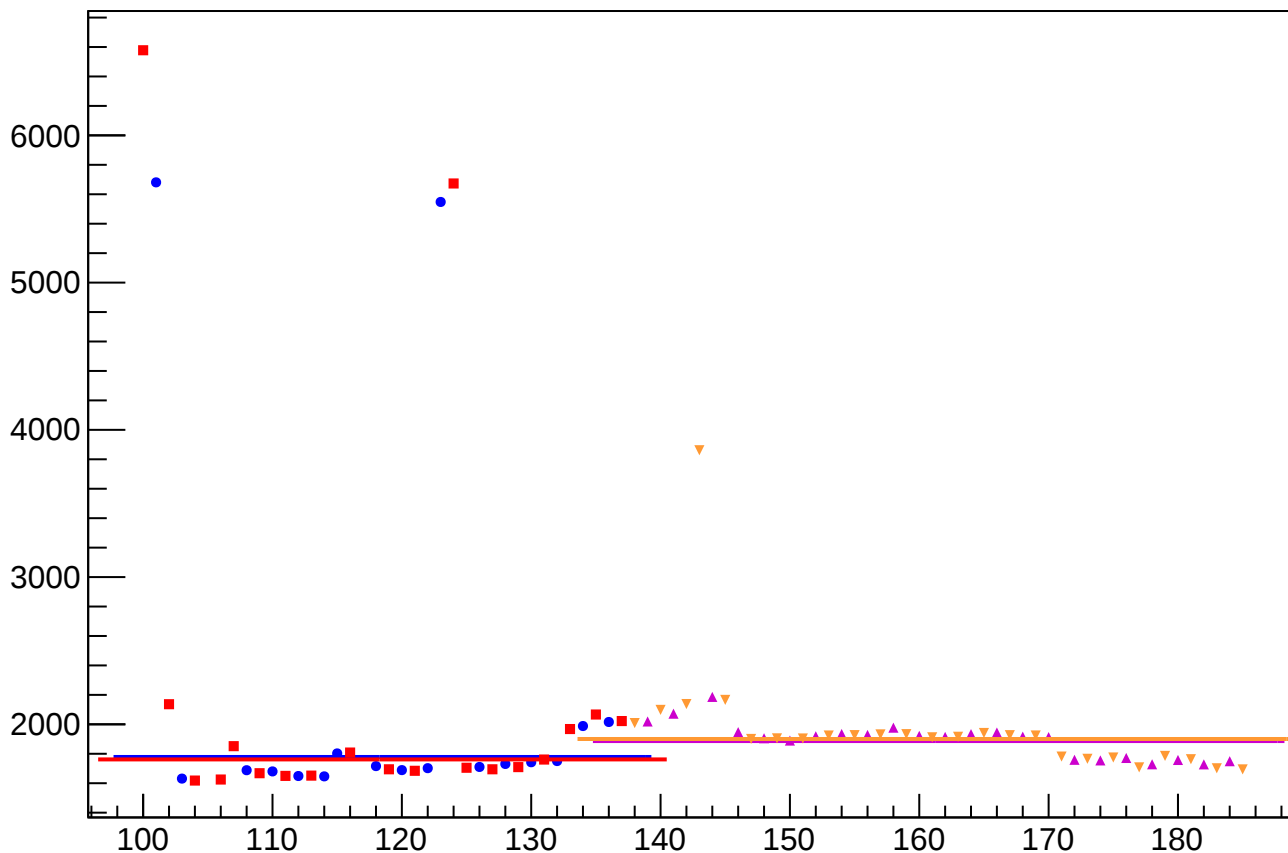
Left In: 191.966 $\pm$ 453.055 χ^2 /NDF: 30.0/22

+ sign 776.016 $\pm$ 378.025 χ^2 /NDF: 63.3/41

All: 400.411 $\pm$ 267.175 χ^2 /NDF: 105.6/83

- sign 25.530 $\pm$ 377.661 χ^2 /NDF: 40.3/41

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1778.202 $\pm$ 0.503 χ^2 /NDF: 642982.9/16

Left Out: 1900.356 $\pm$ 0.316 χ^2 /NDF: 537771.5/24

Right Out: 1761.653 $\pm$ 0.480 χ^2 /NDF: 305365.0/18

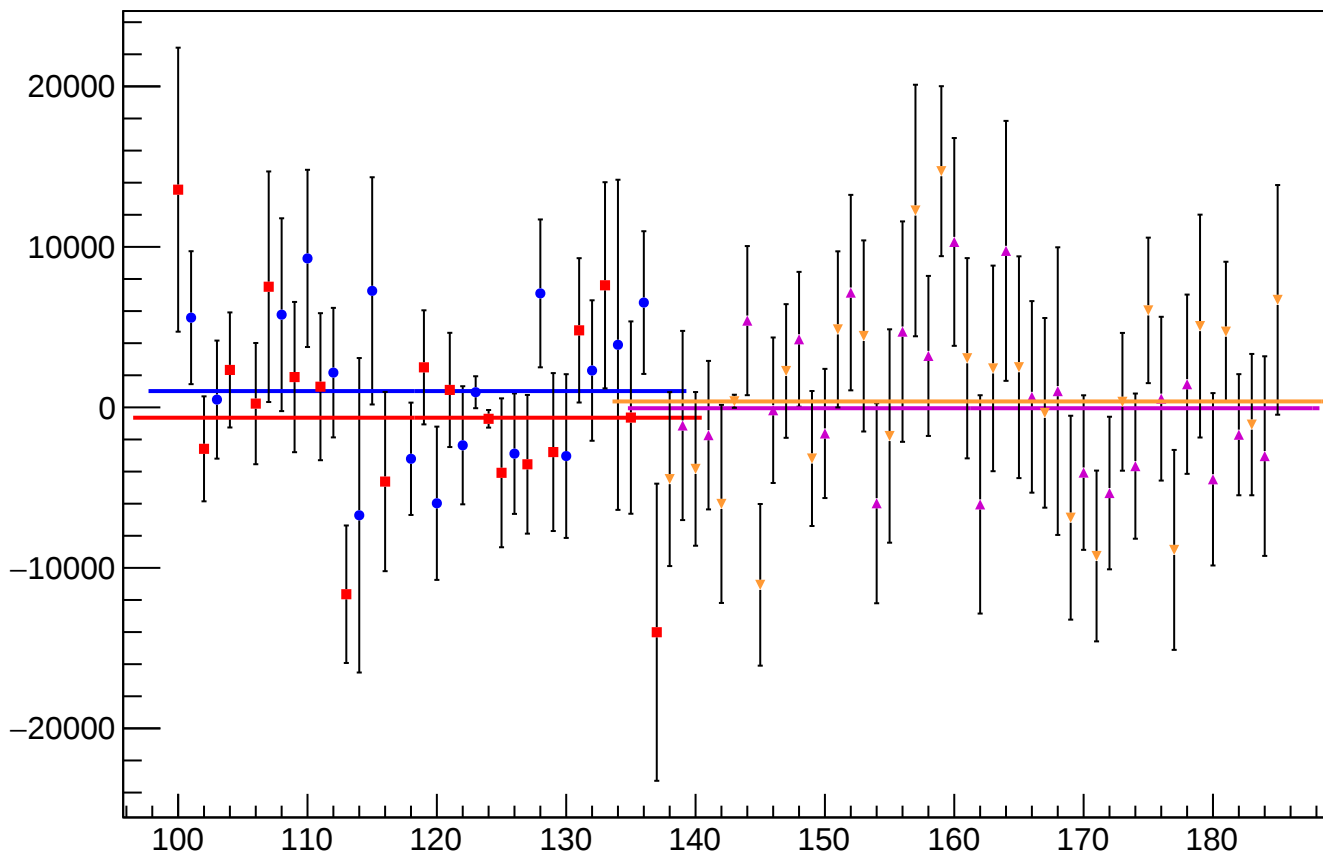
Left In: 1886.378 $\pm$ 0.320 χ^2 /NDF: 123520.6/22

+ sign 1865.833 $\pm$ 0.267 χ^2 /NDF: 1223095.3/41

All: 1856.867 $\pm$ 0.189 χ^2 /NDF: 1700917.1/83

- sign 1847.956 $\pm$ 0.266 χ^2 /NDF: 475578.6/41

asym_atr1l2_dd_correction_mean vs Slug



Right In: 1015.864 ± 753.323 χ^2/NDF : 15.2/16

Left Out: 370.621 ± 382.079 χ^2/NDF : 30.9/24

Right Out: -643.706 ± 488.275 χ^2/NDF : 20.0/18

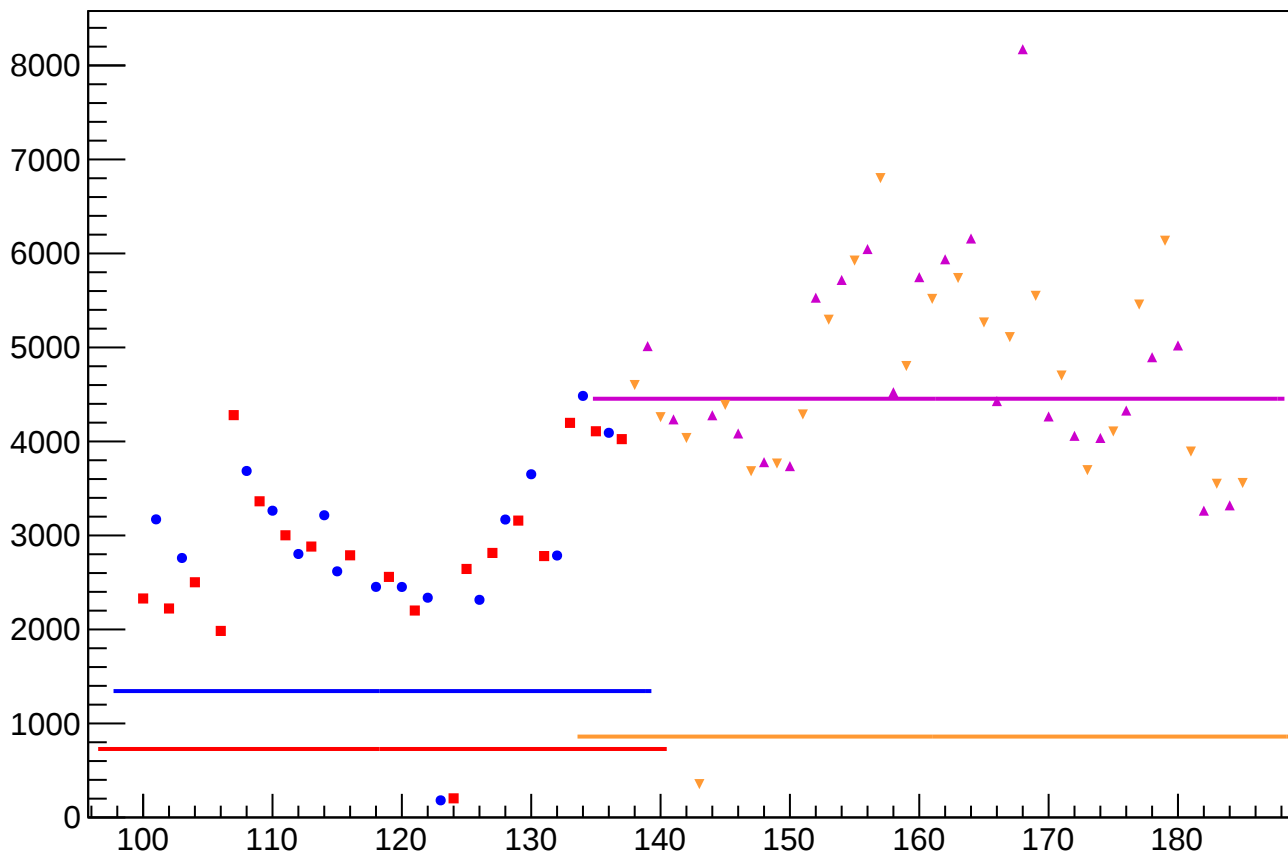
Left In: -53.099 ± 1089.888 χ^2/NDF : 14.5/22

+ sign 502.643 ± 340.756 χ^2/NDF : 46.6/41

All: 116.071 ± 270.681 χ^2/NDF : 84.9/83

- sign -544.981 ± 445.600 χ^2/NDF : 34.7/41

asym_atr1l2_dd_correction_rms vs Slug



Right In: 1344.476+/-0.533 χ^2/NDF : 6835525.9/16

Left Out: 860.417+/-0.270 χ^2/NDF : 26334477.8/24

Right Out: 728.423+/-0.345 χ^2/NDF : 9480438.9/18

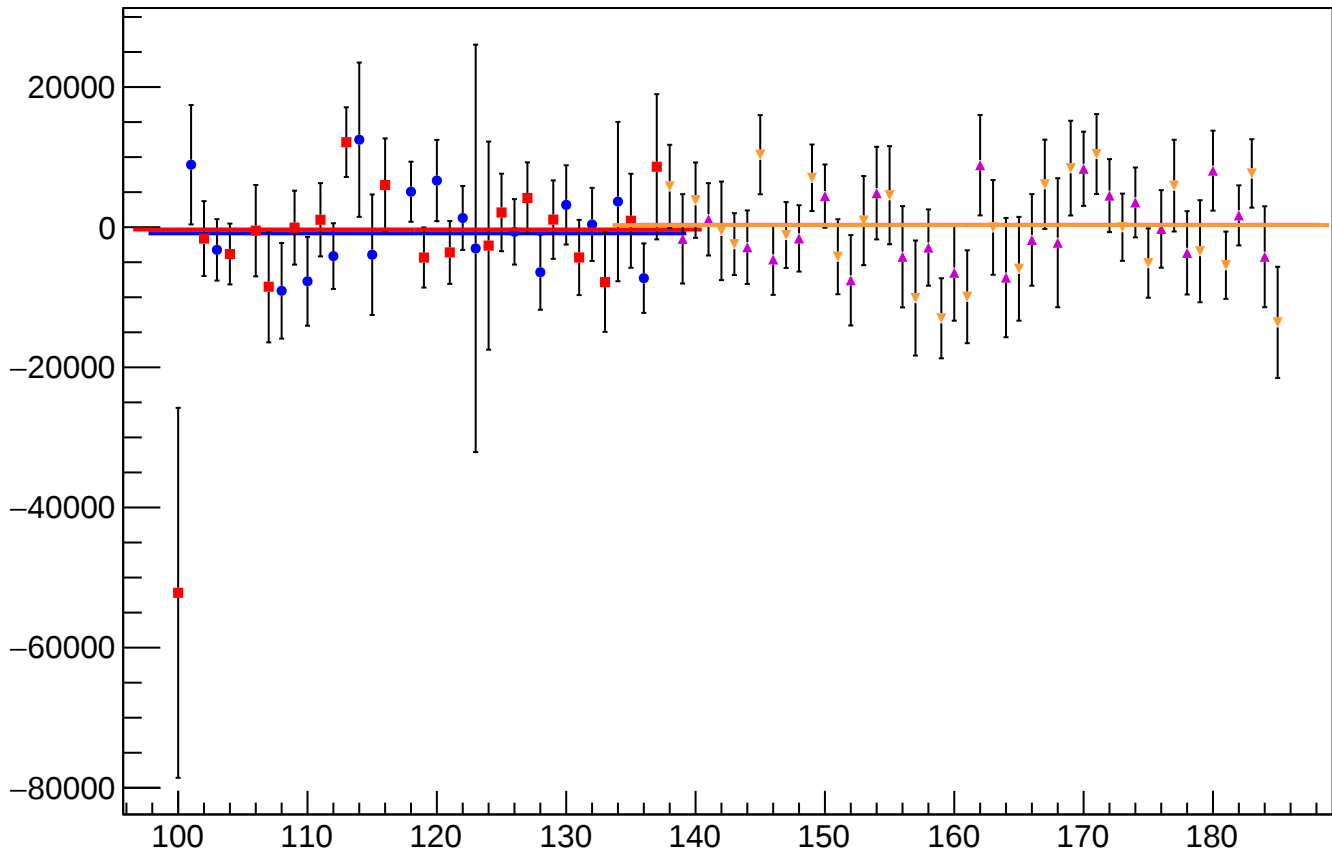
Left In: 4454.402+/-0.771 χ^2/NDF : 1349758.1/22

+ sign 959.460+/-0.241 χ^2/NDF : 33826820.9/41

All: 1104.030+/-0.191 χ^2/NDF : 65100117.2/8

- sign 1351.250+/-0.315 χ^2/NDF : 30297684.6/41

asym_atr1l2_dd_mean vs Slug



Right In: -874.074 ± 1400.106 χ^2/NDF : 13.6/16

Left Out: 304.317 ± 1155.594 χ^2/NDF : 32.6/24

Right Out: -328.412 ± 1333.346 χ^2/NDF : 17.8/18

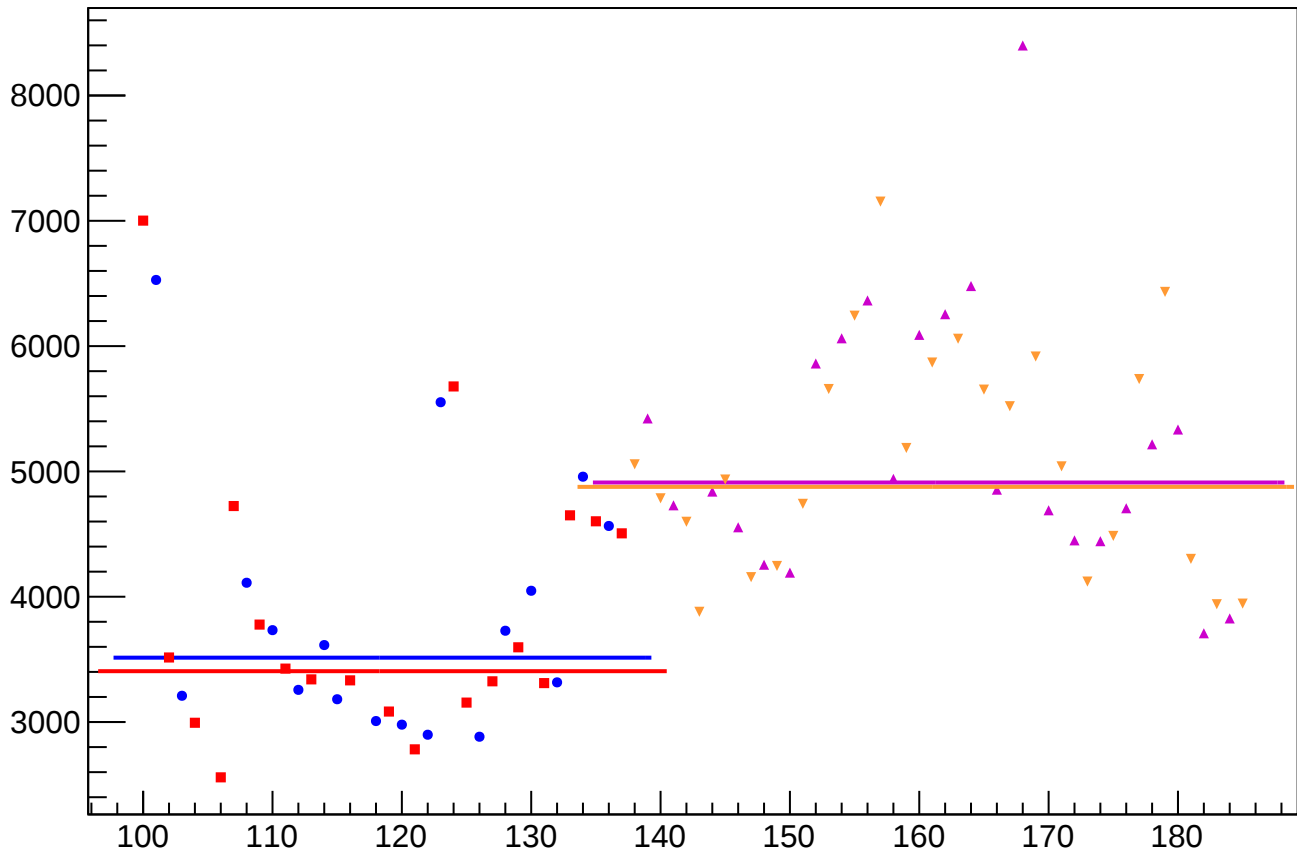
Left In: 332.488 ± 1196.011 χ^2/NDF : 14.7/22

+ sign -173.161 ± 891.236 χ^2/NDF : 46.6/41

All: -67.563 ± 629.873 χ^2/NDF : 79.3/83

- sign 37.817 ± 890.315 χ^2/NDF : 32.6/41

asym_atr1l2_dd_rms vs Slug



Right In: 3513.685+/-0.990 χ^2/NDF : 560775.0/16

Left Out: 4876.672+/-0.817 χ^2/NDF : 972620.4/24

Right Out: 3405.768+/-0.931 χ^2/NDF : 428480.7/18

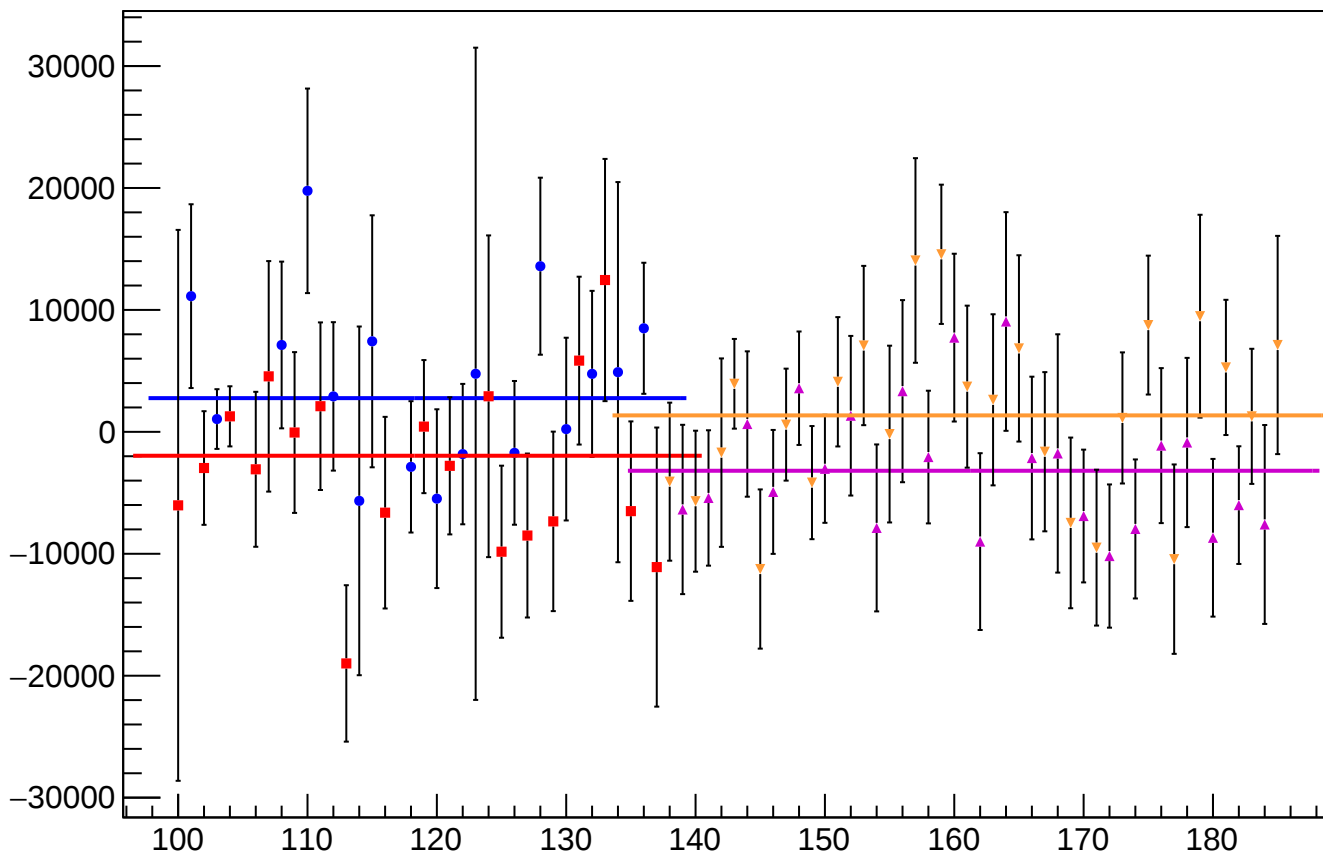
Left In: 4911.546+/-0.846 χ^2/NDF : 1043164.6/22

+ sign 4324.394+/-0.630 χ^2/NDF : 2660773.9/41

All: 4277.080+/-0.444 χ^2/NDF : 5577620.8/83

- sign 4230.416+/-0.626 χ^2/NDF : 2905651.1/41

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2764.928+/-1455.950 χ^2/NDF : 13.9/16

Left Out: 1349.698+/-1206.419 χ^2/NDF : 28.0/24

Right Out: -1959.806+/-1383.928 χ^2/NDF : 17.6/18

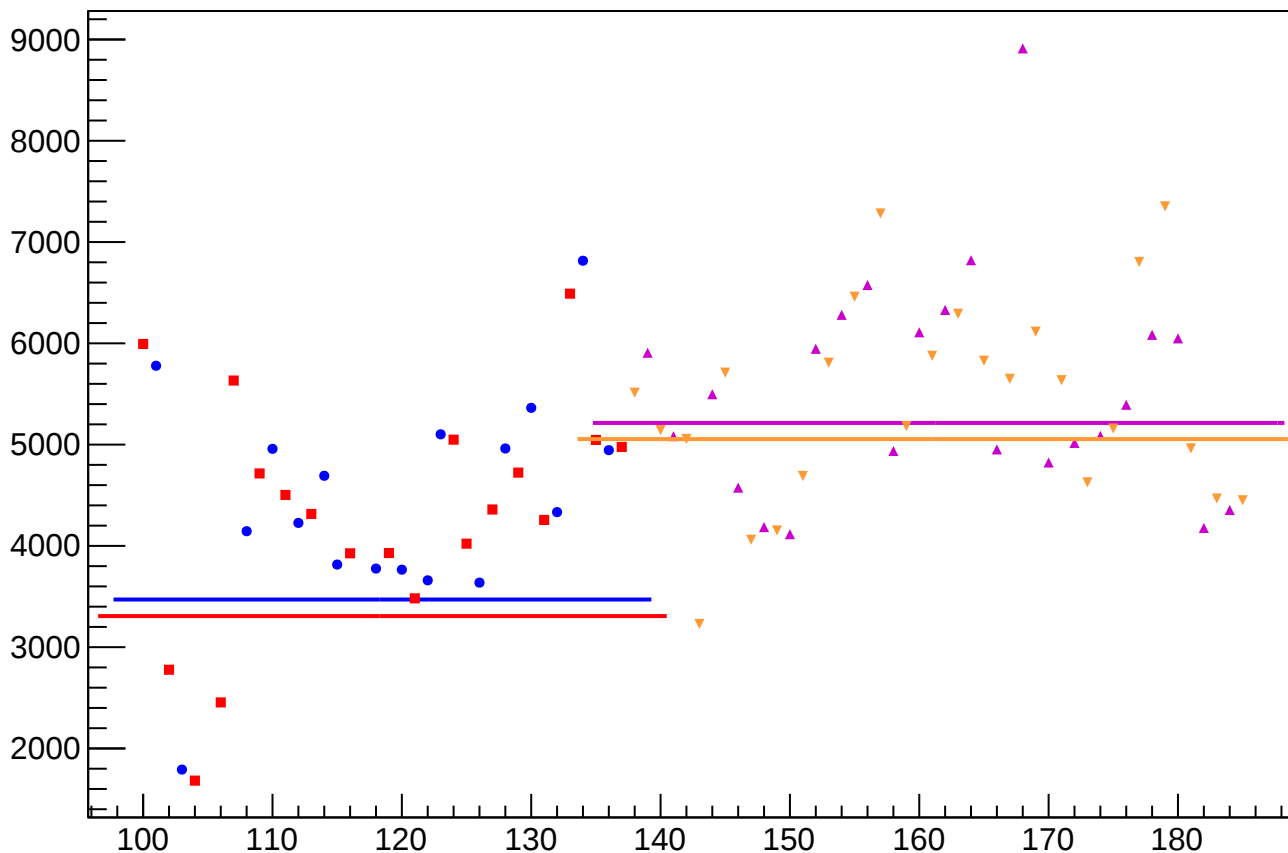
Left In: -3191.160+/-1270.021 χ^2/NDF : 14.0/22

+ sign 1925.826+/-928.949 χ^2/NDF : 42.5/41

All: -334.662+/-659.248 χ^2/NDF : 86.4/83

- sign -2628.235+/-935.723 χ^2/NDF : 32.0/41

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.650+/-1.029 χ^2/NDF : 1765892.2/16

Left Out: 5054.678+/-0.853 χ^2/NDF : 1437395.8/24

Right Out: 3306.828+/-0.970 χ^2/NDF : 1911650.7/18

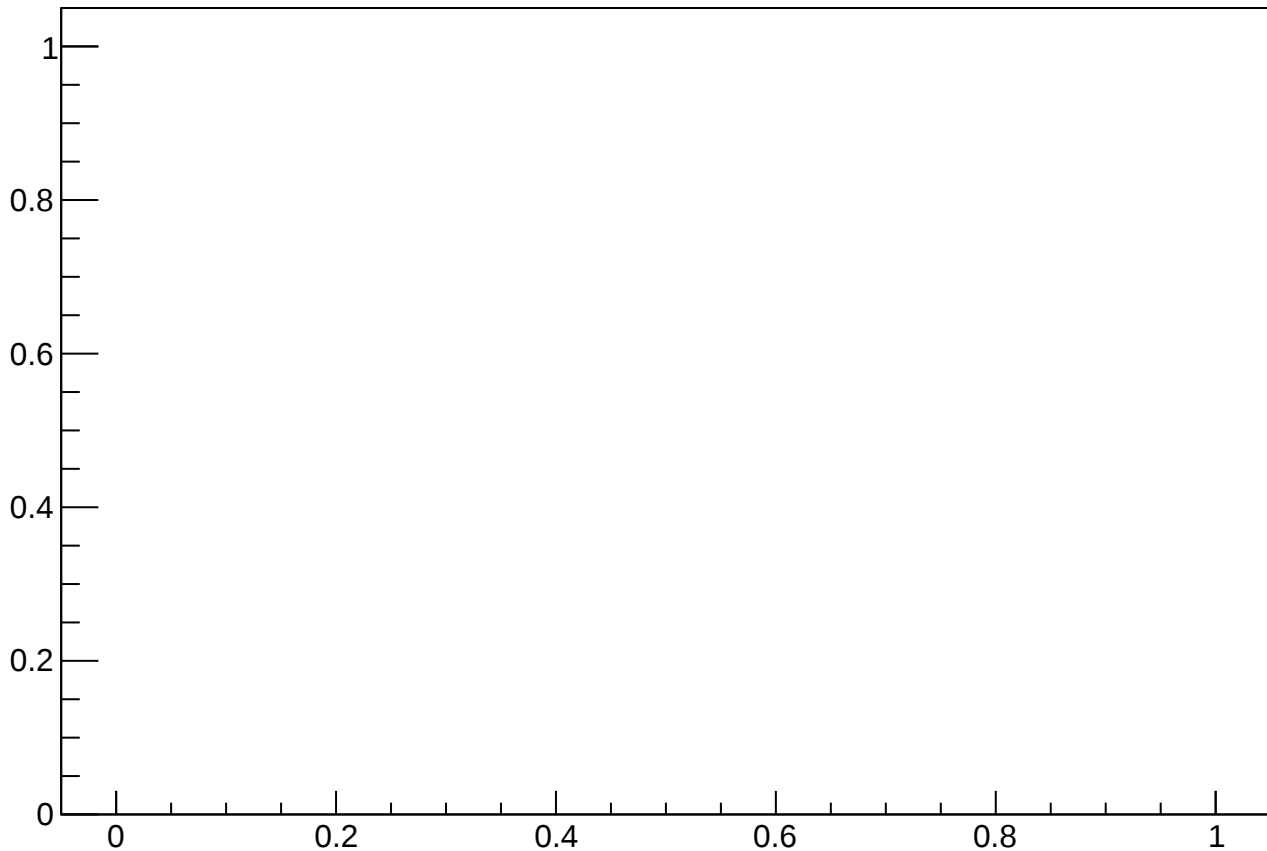
Left In: 5214.120+/-0.898 χ^2/NDF : 1052501.5/22

+ sign 4409.816+/-0.657 χ^2/NDF : 4606955.1/41

All: 4371.754+/-0.465 χ^2/NDF : 9660577.3/83

- sign 4333.459+/-0.659 χ^2/NDF : 5046886.3/41

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

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

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

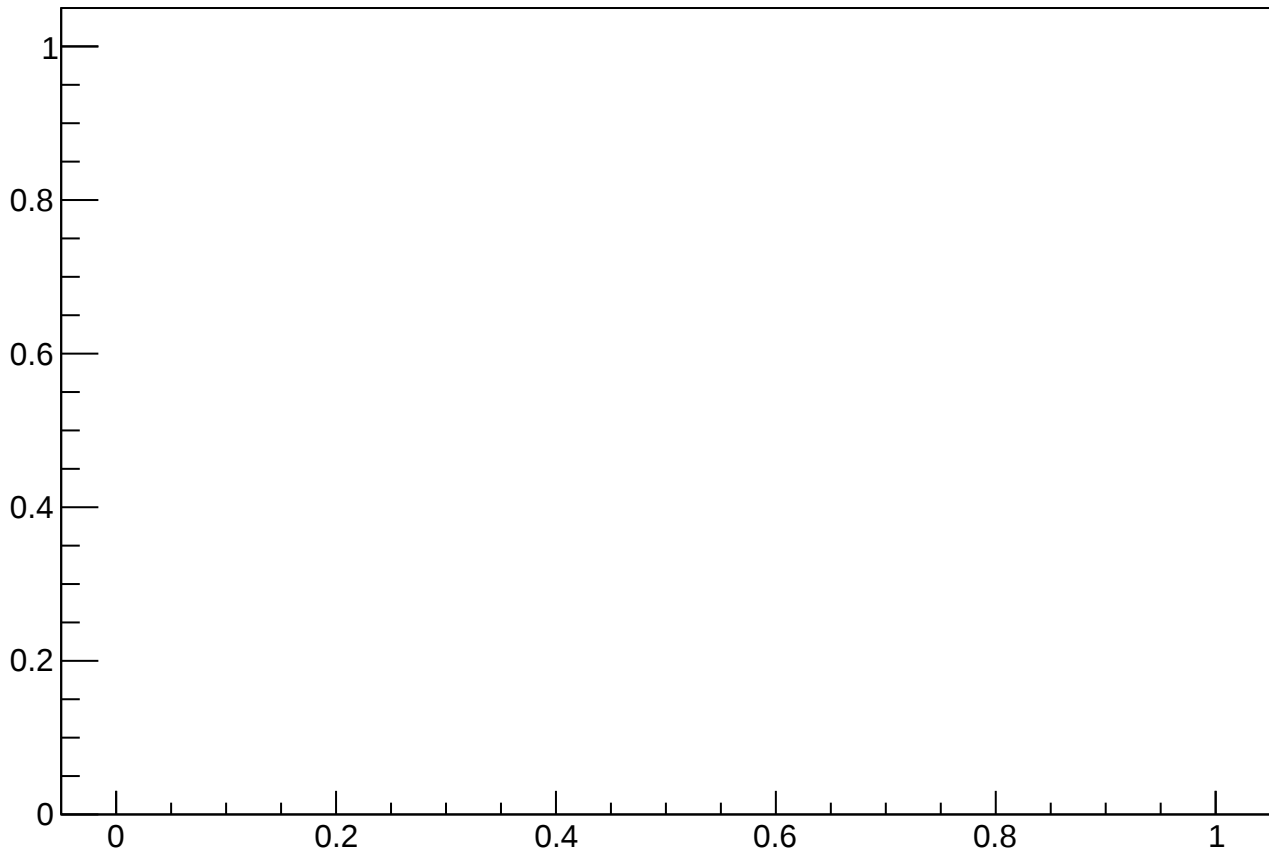
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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

asym_atl_avg_atr_avg_avg_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 : 0.0/0

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

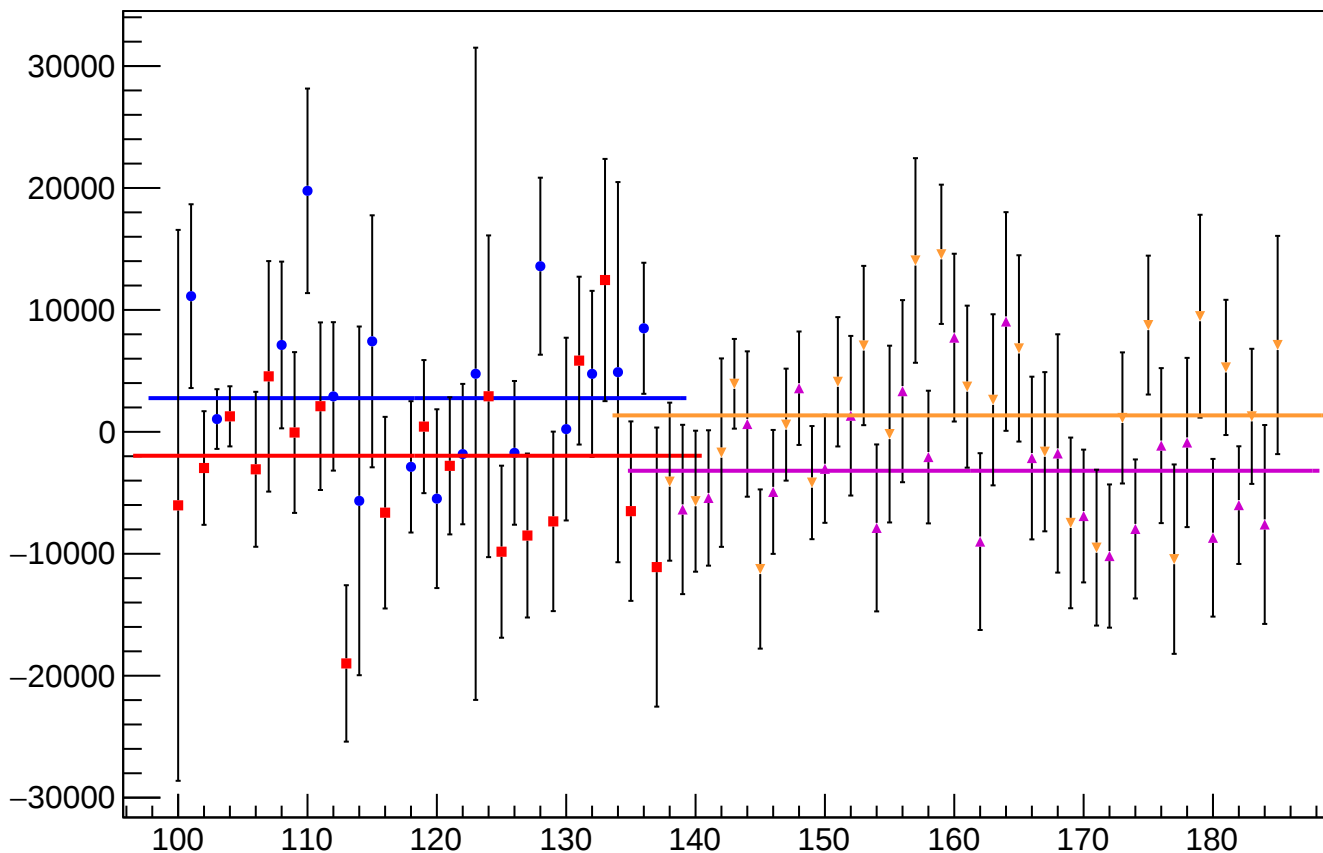
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2764.928 $\pm$ 1455.950 χ^2/NDF : 13.9/16

Left Out: 1349.698 $\pm$ 1206.419 χ^2/NDF : 28.0/24

Right Out: -1959.806 $\pm$ 1383.928 χ^2/NDF : 17.6/18

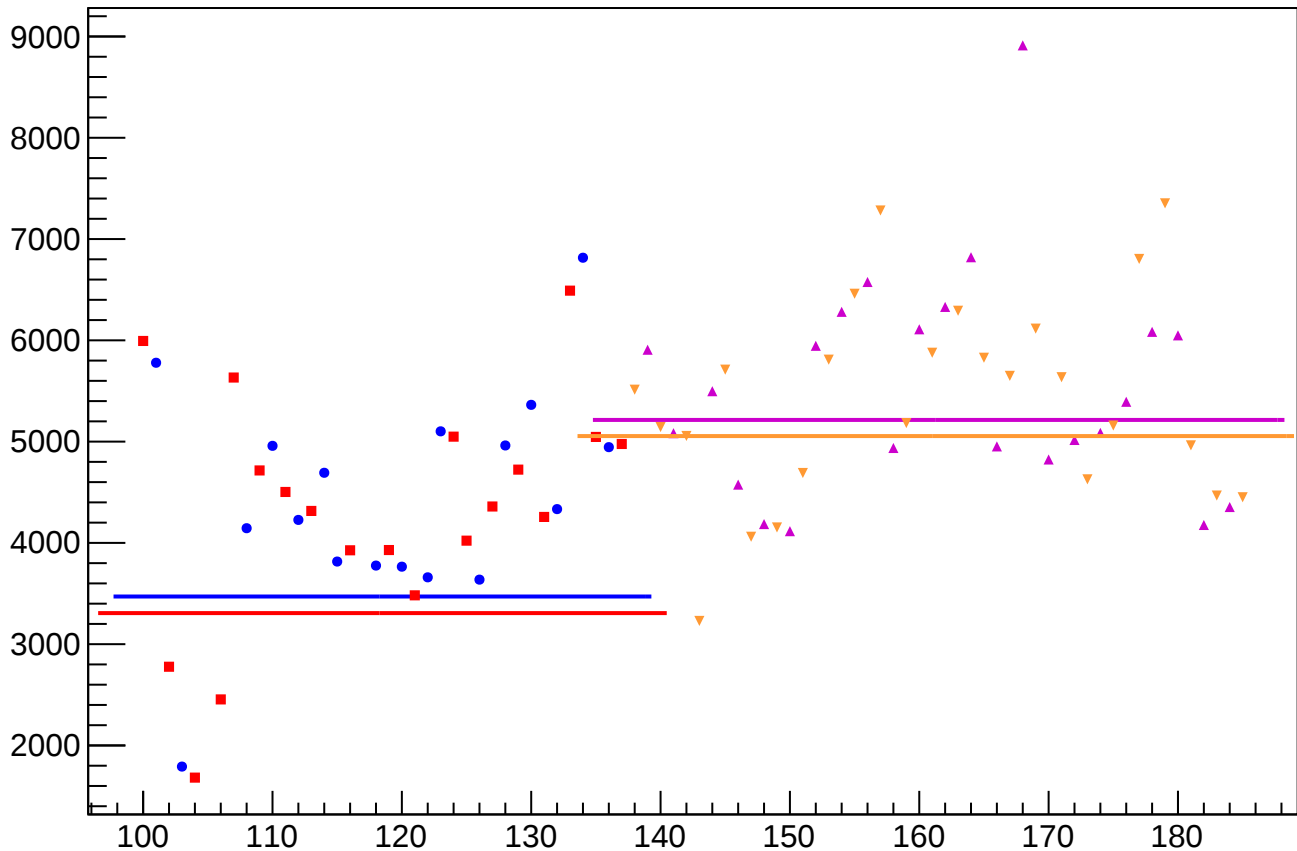
Left In: -3191.160 $\pm$ 1270.021 χ^2/NDF : 14.0/22

+ sign 1925.826 $\pm$ 928.949 χ^2/NDF : 42.5/41

All: -334.662 $\pm$ 659.248 χ^2/NDF : 86.4/83

- sign -2628.235 $\pm$ 935.723 χ^2/NDF : 32.0/41

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.650+/-1.029 χ^2/NDF : 1765892.2/16

Left Out: 5054.678+/-0.853 χ^2/NDF : 1437395.8/24

Right Out: 3306.828+/-0.970 χ^2/NDF : 1911650.7/18

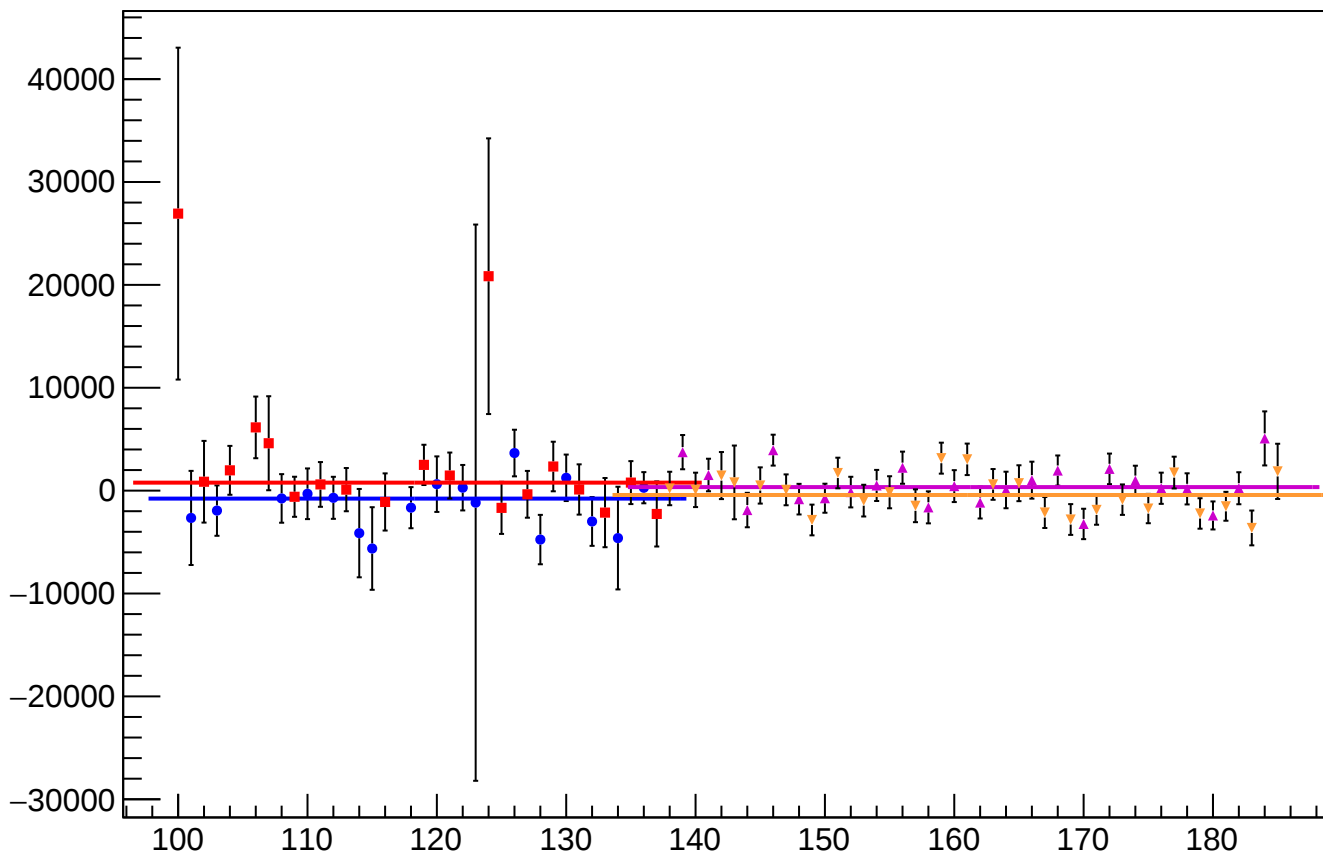
Left In: 5214.120+/-0.898 χ^2/NDF : 1052501.5/22

+ sign 4409.816+/-0.657 χ^2/NDF : 4606955.1/41

All: 4371.754+/-0.465 χ^2/NDF : 9660577.3/83

- sign 4333.459+/-0.659 χ^2/NDF : 5046886.3/41

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -774.709+/-605.594 χ^2/NDF : 12.5/16

Left Out: -423.710+/-320.578 χ^2/NDF : 32.6/24

Right Out: 776.735+/-596.676 χ^2/NDF : 14.3/18

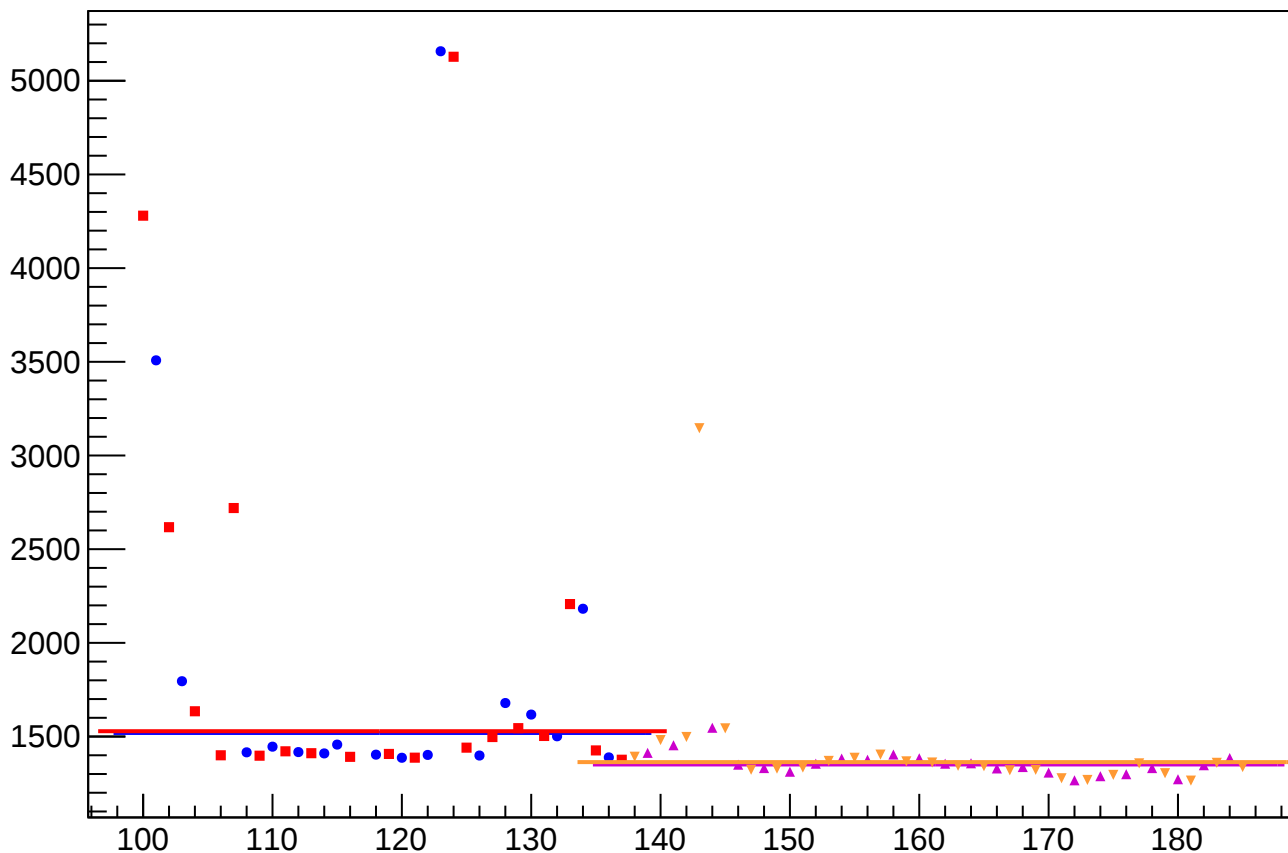
Left In: 343.737+/-324.368 χ^2/NDF : 33.8/22

+ sign -500.539+/-283.329 χ^2/NDF : 45.4/41

All: -31.755+/-200.925 χ^2/NDF : 99.4/83

- sign 442.510+/-284.980 χ^2/NDF : 48.5/41

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1519.171+/-0.428 χ^2/NDF : 537680.2/16

Left Out: 1363.547+/-0.227 χ^2/NDF : 575228.6/24

Right Out: 1528.435+/-0.422 χ^2/NDF : 631166.4/18

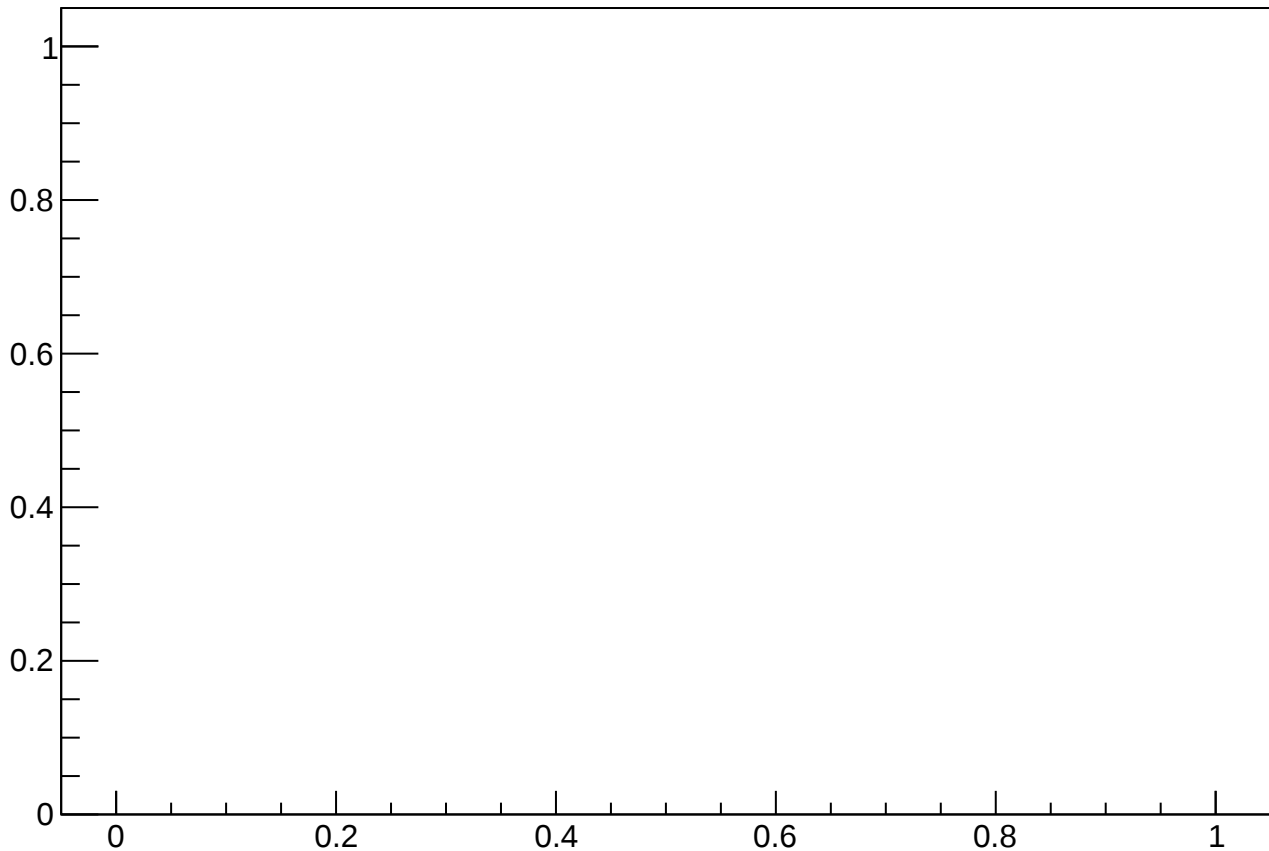
Left In: 1350.909+/-0.229 χ^2/NDF : 67144.5/22

+ sign 1397.611+/-0.200 χ^2/NDF : 1216074.7/41

All: 1394.527+/-0.142 χ^2/NDF : 2051520.7/83

- sign 1391.406+/-0.202 χ^2/NDF : 834969.1/41

asym_atl_avg_atr_avg_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: 0.0/0

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

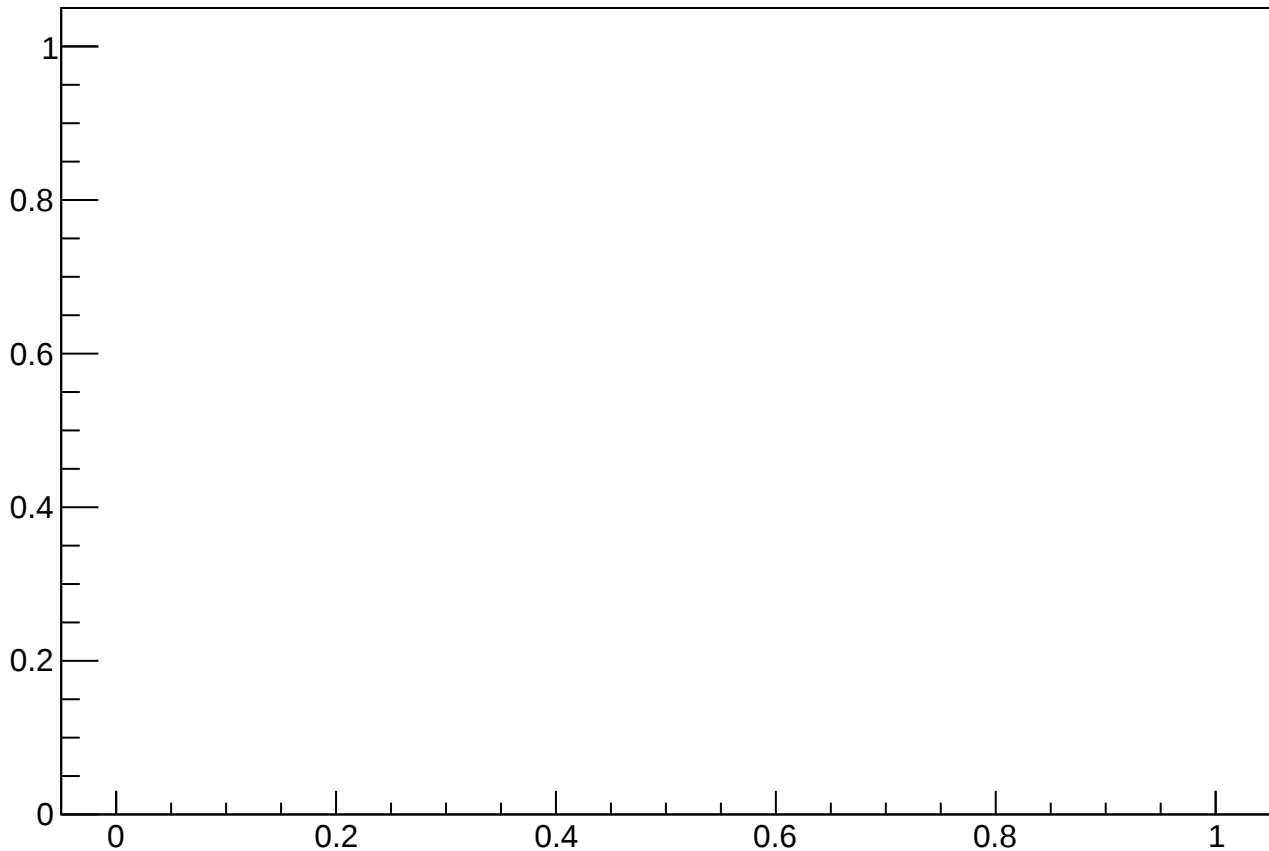
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ 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

asym_atl_avg_atr_avg_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 : 0.0/0

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

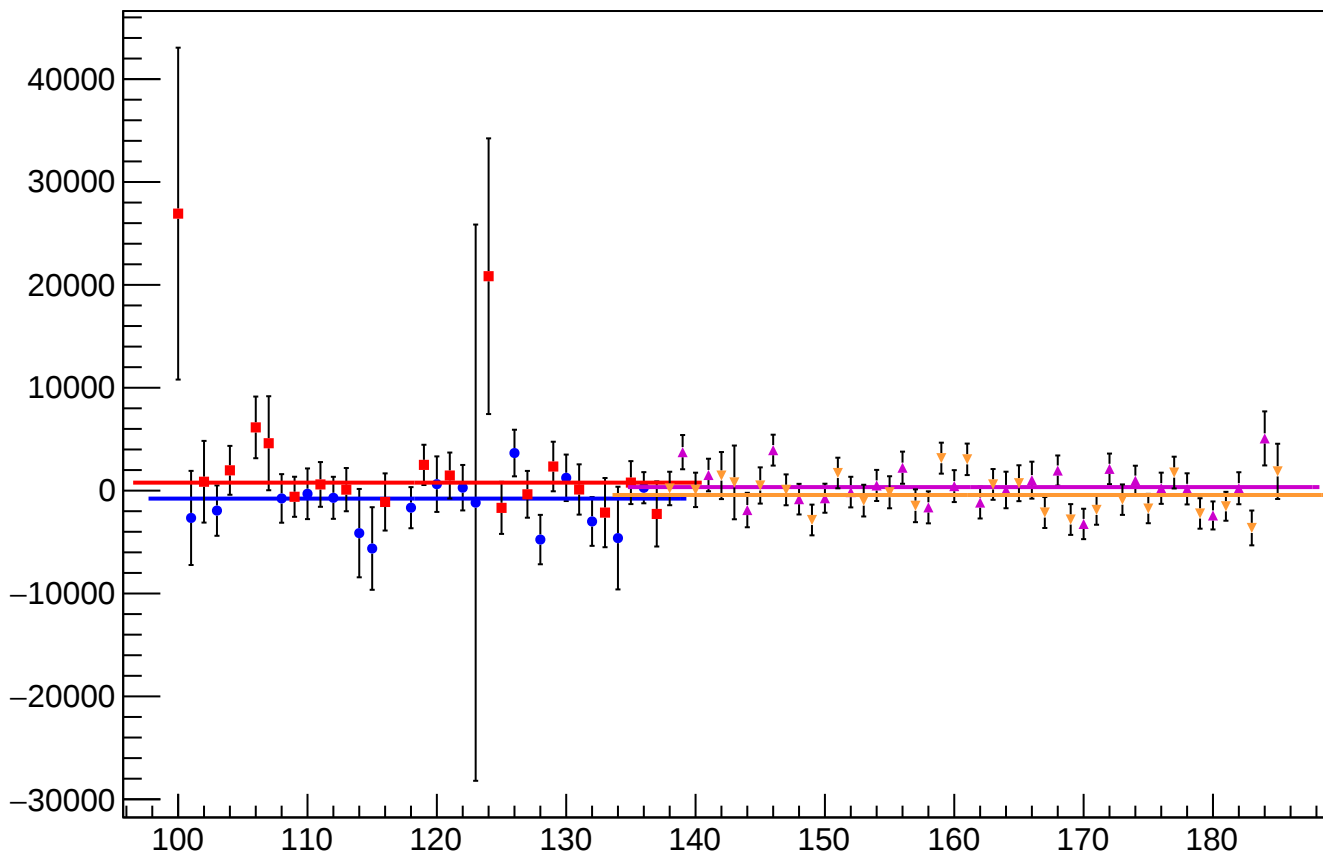
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -774.709+/-605.594 χ^2/NDF : 12.5/16

Left Out: -423.710+/-320.578 χ^2/NDF : 32.6/24

Right Out: 776.735+/-596.676 χ^2/NDF : 14.3/18

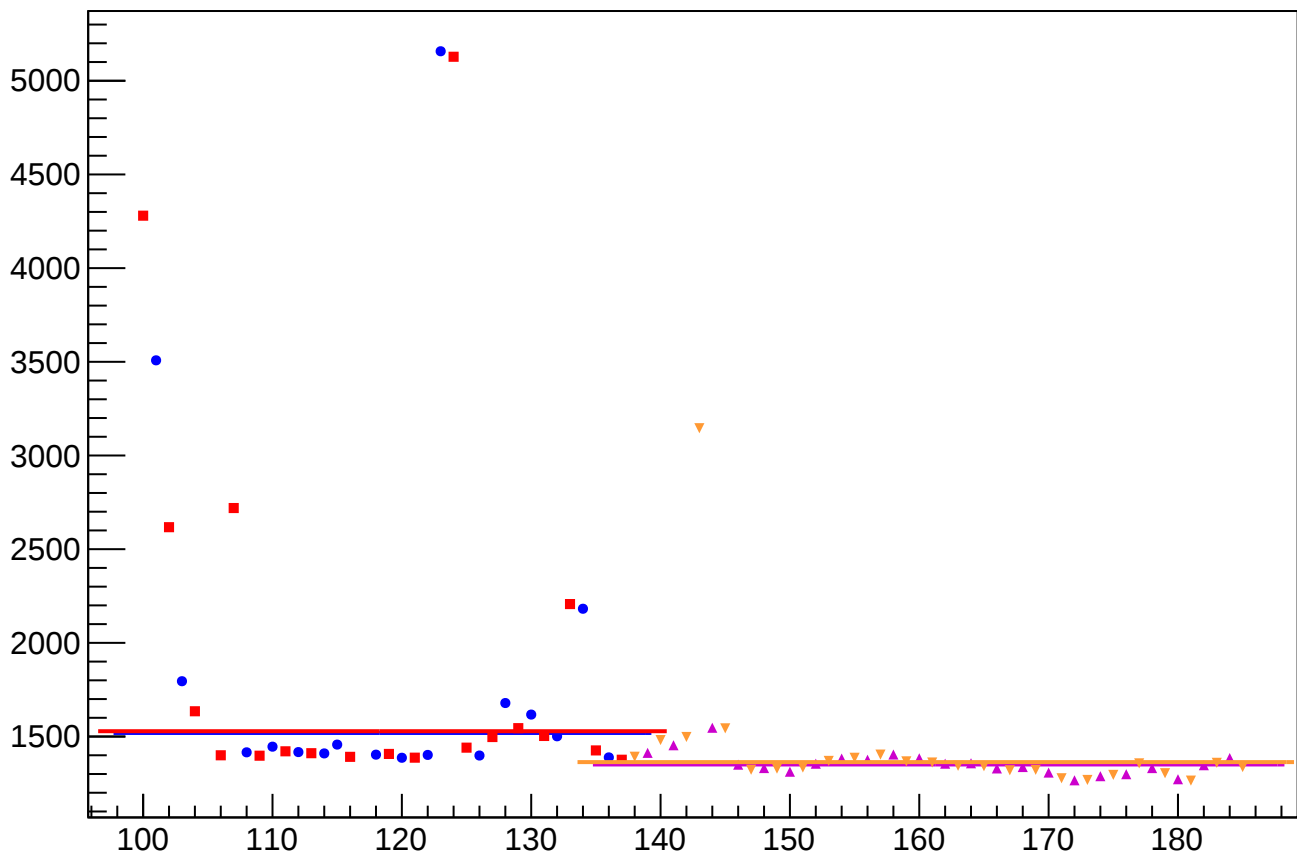
Left In: 343.737+/-324.368 χ^2/NDF : 33.8/22

+ sign -500.539+/-283.329 χ^2/NDF : 45.4/41

All: -31.755+/-200.925 χ^2/NDF : 99.4/83

- sign 442.510+/-284.980 χ^2/NDF : 48.5/41

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1519.171 ± 0.428 χ^2/NDF : 537680.2/16

Left Out: 1363.547 ± 0.227 χ^2/NDF : 575228.6/24

Right Out: 1528.435 ± 0.422 χ^2/NDF : 631166.4/18

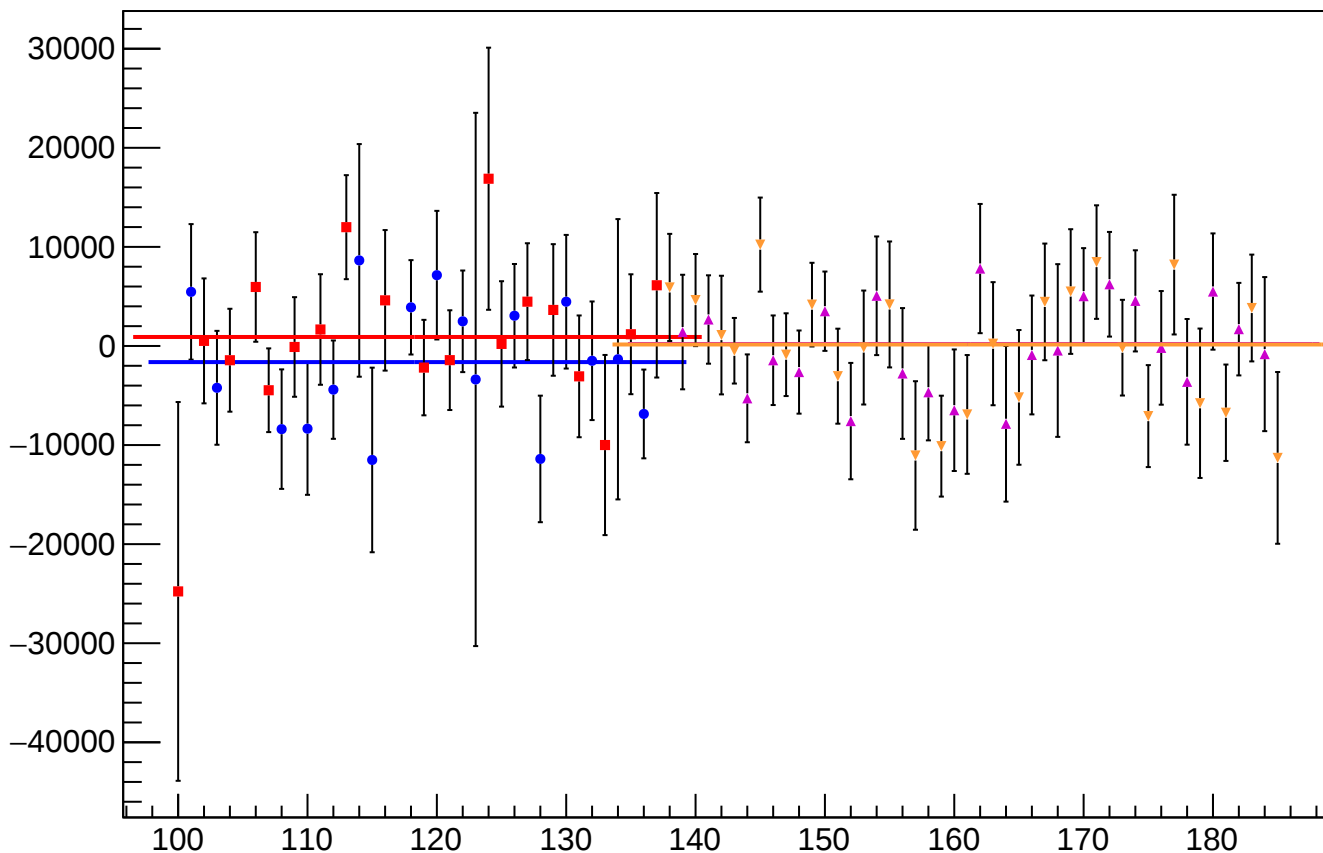
Left In: 1350.909 ± 0.229 χ^2/NDF : 67144.5/22

+ sign 1397.611 ± 0.200 χ^2/NDF : 1216074.7/41

All: 1394.527 ± 0.142 χ^2/NDF : 2051520.7/83

- sign 1391.406 ± 0.202 χ^2/NDF : 834969.1/41

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1626.973 $\pm$ 1517.678 χ^2 /NDF: 14.9/16

Left Out: 150.000 $\pm$ 1065.653 χ^2 /NDF: 28.2/24

Right Out: 908.006 $\pm$ 1381.849 χ^2 /NDF: 14.1/18

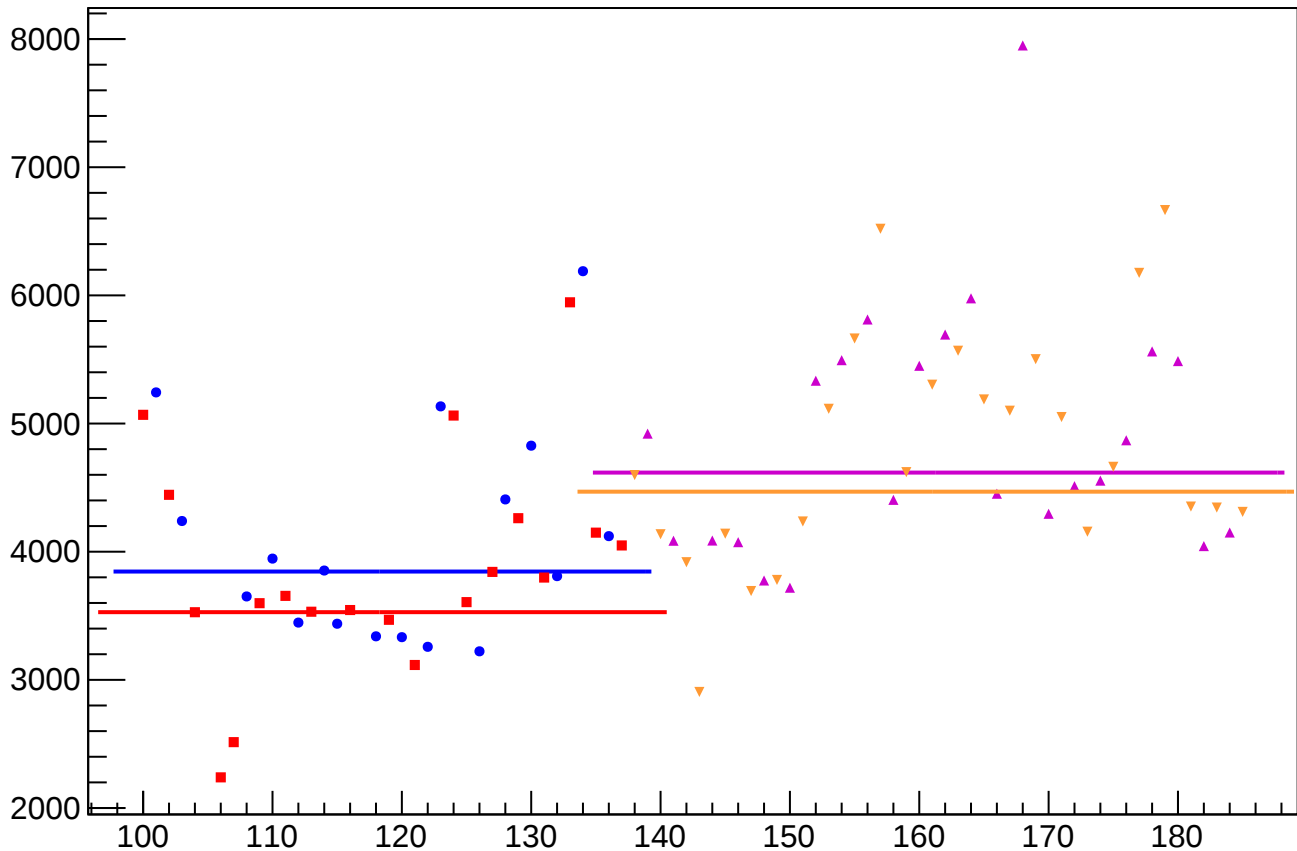
Left In: 200.182 $\pm$ 1123.499 χ^2 /NDF: 14.7/22

+ sign -436.793 $\pm$ 872.131 χ^2 /NDF: 44.0/41

All: 22.749 $\pm$ 616.549 χ^2 /NDF: 73.6/83

- sign 481.871 $\pm$ 871.733 χ^2 /NDF: 29.0/41

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3845.187+/-1.073 χ^2/NDF : 326944.8/16

Left Out: 4468.400+/-0.754 χ^2/NDF :1380657.8/24

Right Out: 3528.231+/-0.968 χ^2/NDF : 556307.5/18

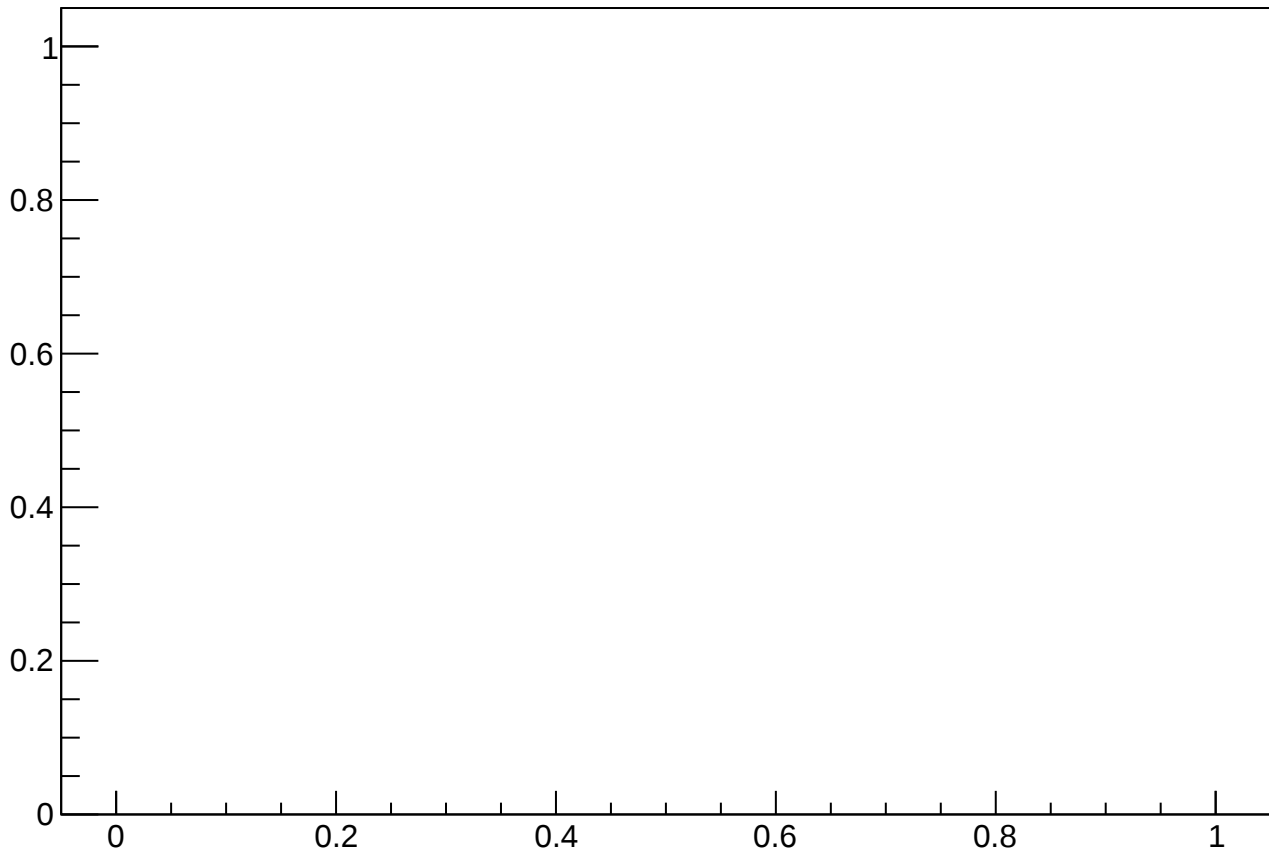
Left In: 4617.293+/-0.794 χ^2/NDF :999599.8/22

+ sign 4262.595+/-0.617 χ^2/NDF : 1933490.1/41

All: 4220.670+/-0.435 χ^2/NDF : 4254761.6/83

- sign 4179.090+/-0.614 χ^2/NDF : 2312065.8/41

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

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

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

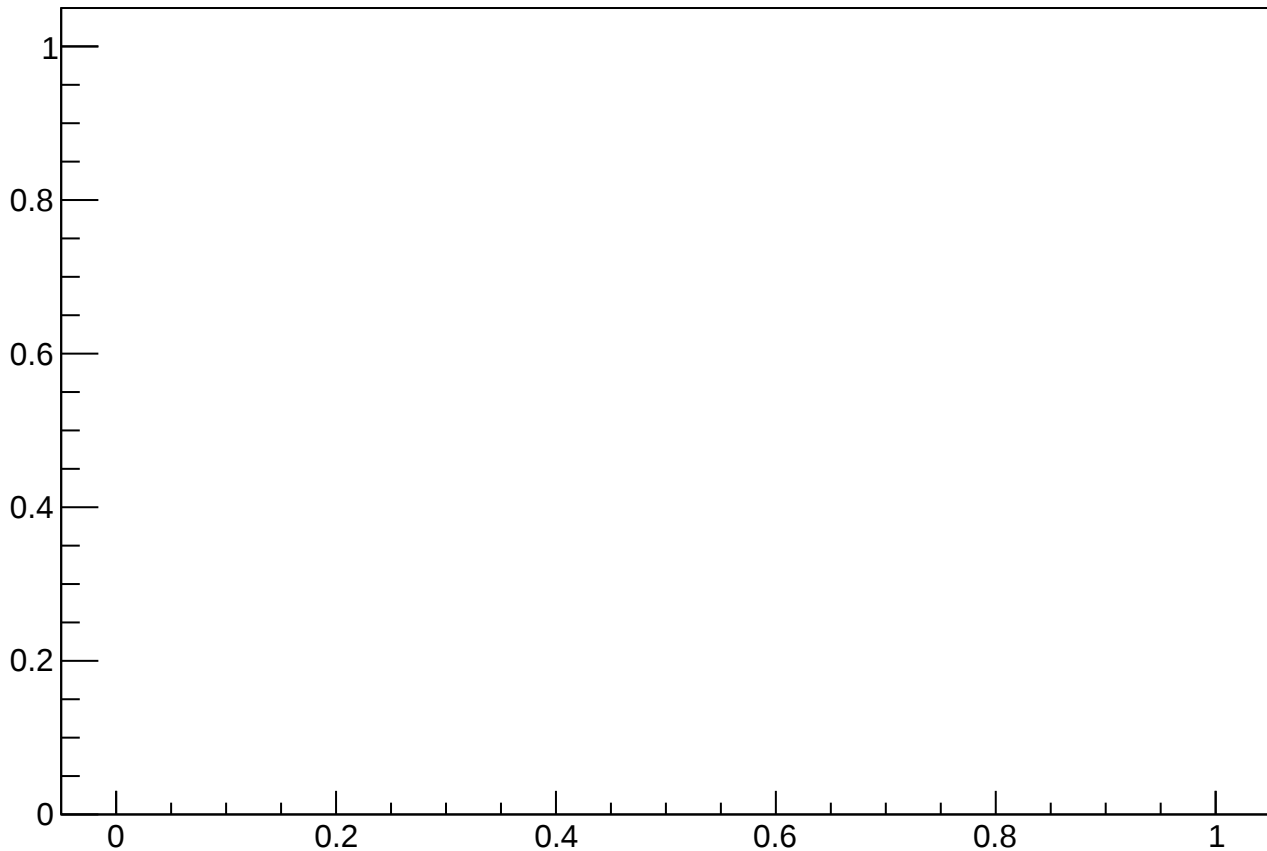
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

asym_atl_dd_atr_dd_avg_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 : 0.0/0

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

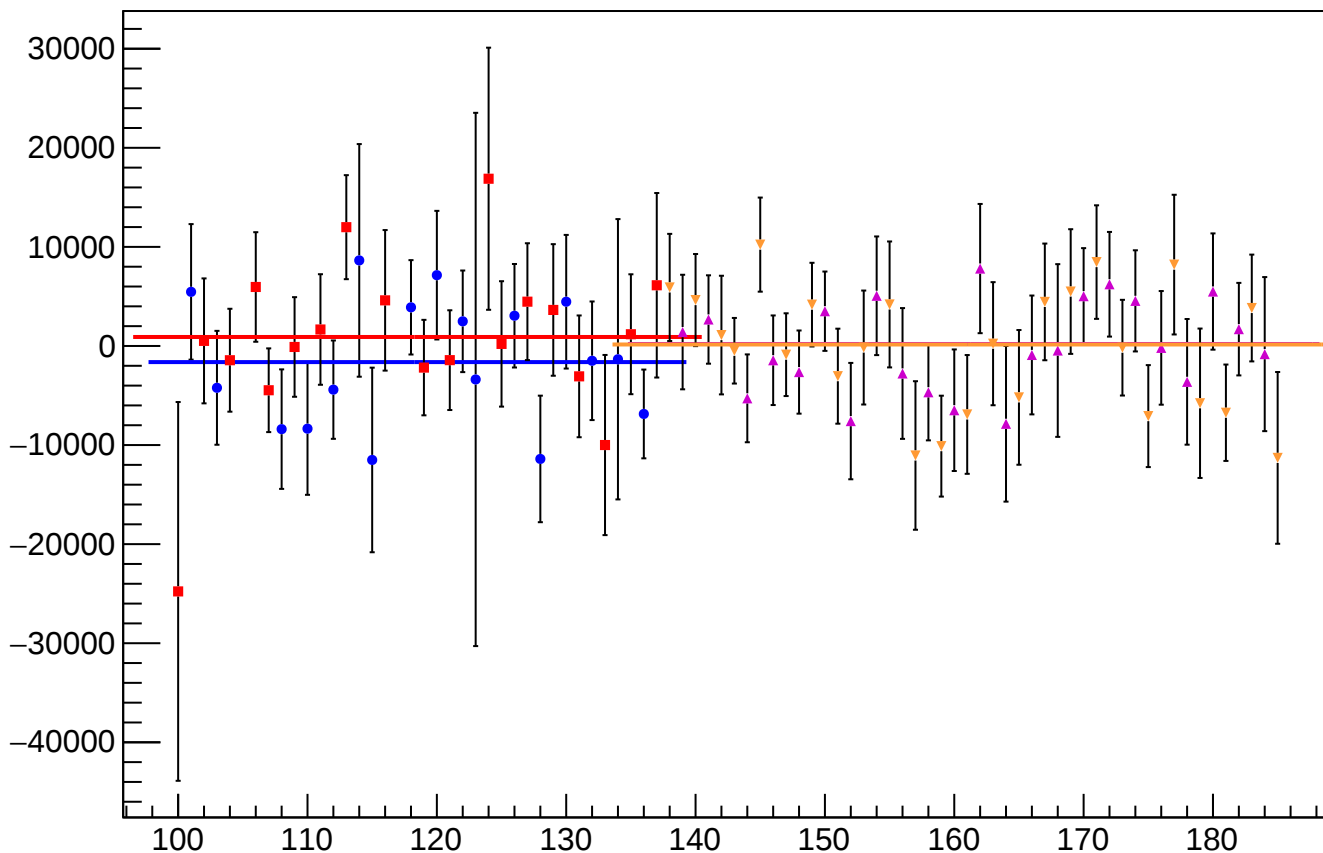
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1626.973 ± 1517.678 χ^2/NDF : 14.9/16

Left Out: 150.000 ± 1065.653 χ^2/NDF : 28.2/24

Right Out: 908.006 ± 1381.849 χ^2/NDF : 14.1/18

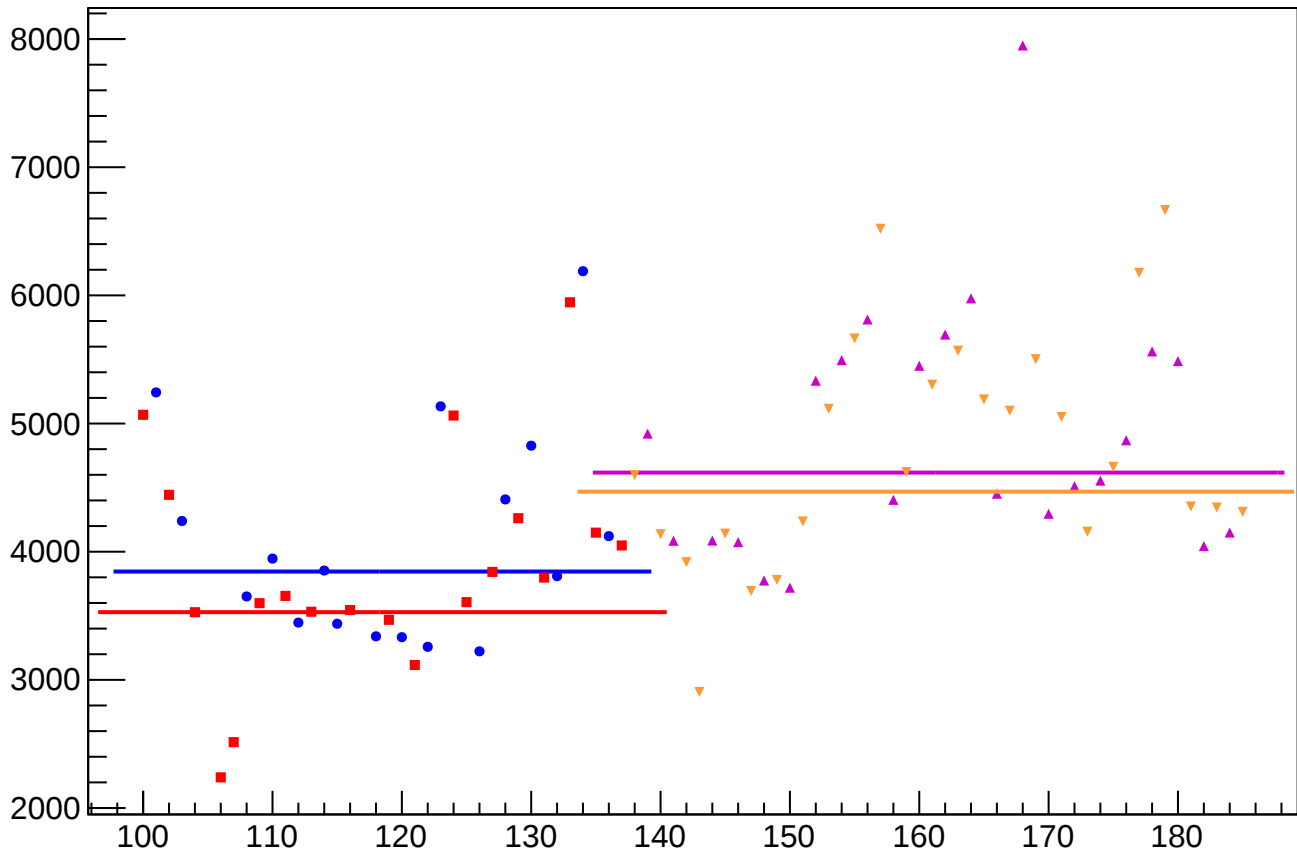
Left In: 200.182 ± 1123.499 χ^2/NDF : 14.7/22

+ sign -436.793 ± 872.131 χ^2/NDF : 44.0/41

All: 22.749 ± 616.549 χ^2/NDF : 73.6/83

- sign 481.871 ± 871.733 χ^2/NDF : 29.0/41

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3845.187+/-1.073 χ^2/NDF : 326944.8/16

Left Out: 4468.400+/-0.754 χ^2/NDF : 1380657.8/24

Right Out: 3528.231+/-0.968 χ^2/NDF : 556307.5/18

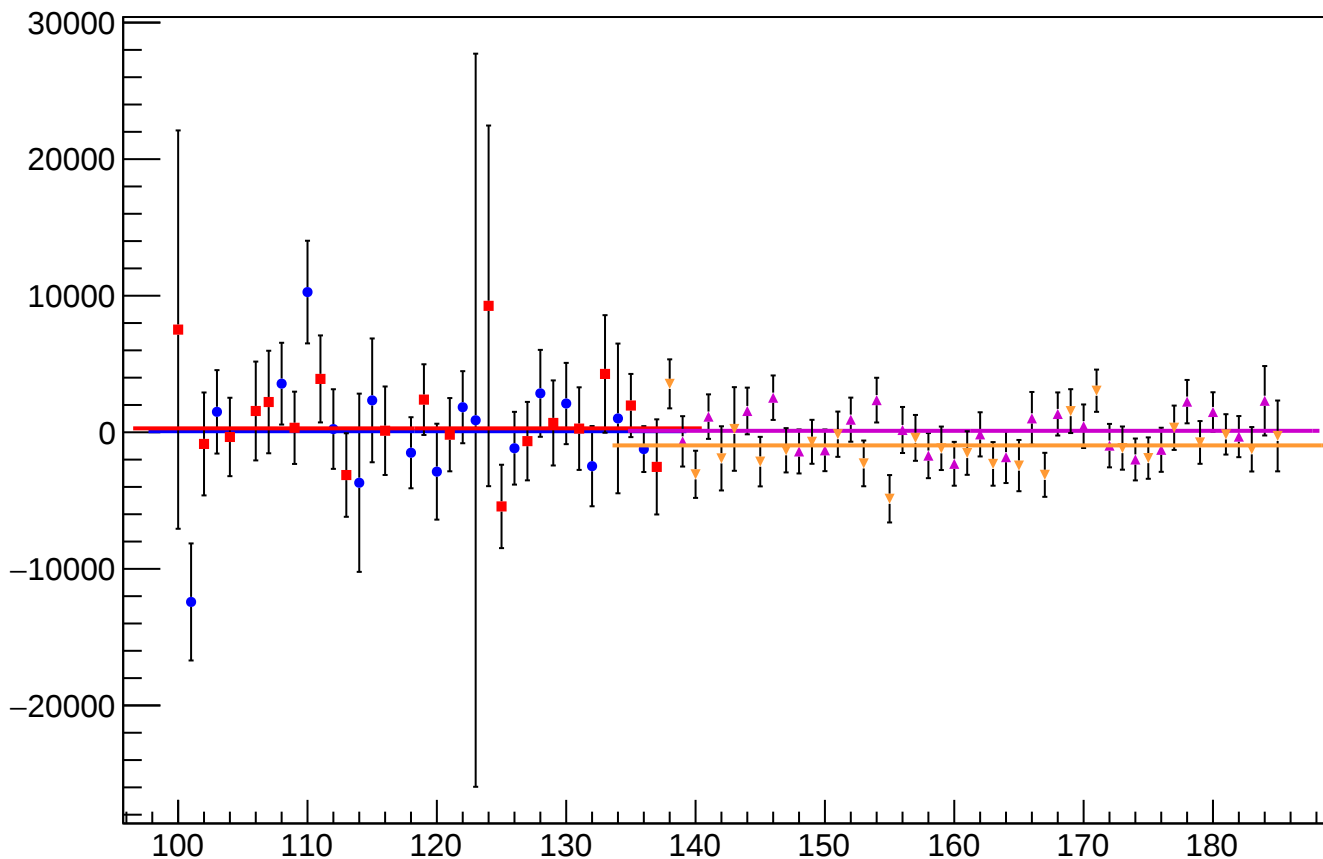
Left In: 4617.293+/-0.794 χ^2/NDF : 999599.8/22

+ sign 4262.595+/-0.617 χ^2/NDF : 1933490.1/41

All: 4220.670+/-0.435 χ^2/NDF : 4254761.6/83

- sign 4179.090+/-0.614 χ^2/NDF : 2312065.8/41

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 78.213+/-752.844 χ^2/NDF : 22.4/16

Left Out: -959.945+/-339.548 χ^2/NDF : 28.5/24

Right Out: 287.747+/-736.056 χ^2/NDF : 10.1/18

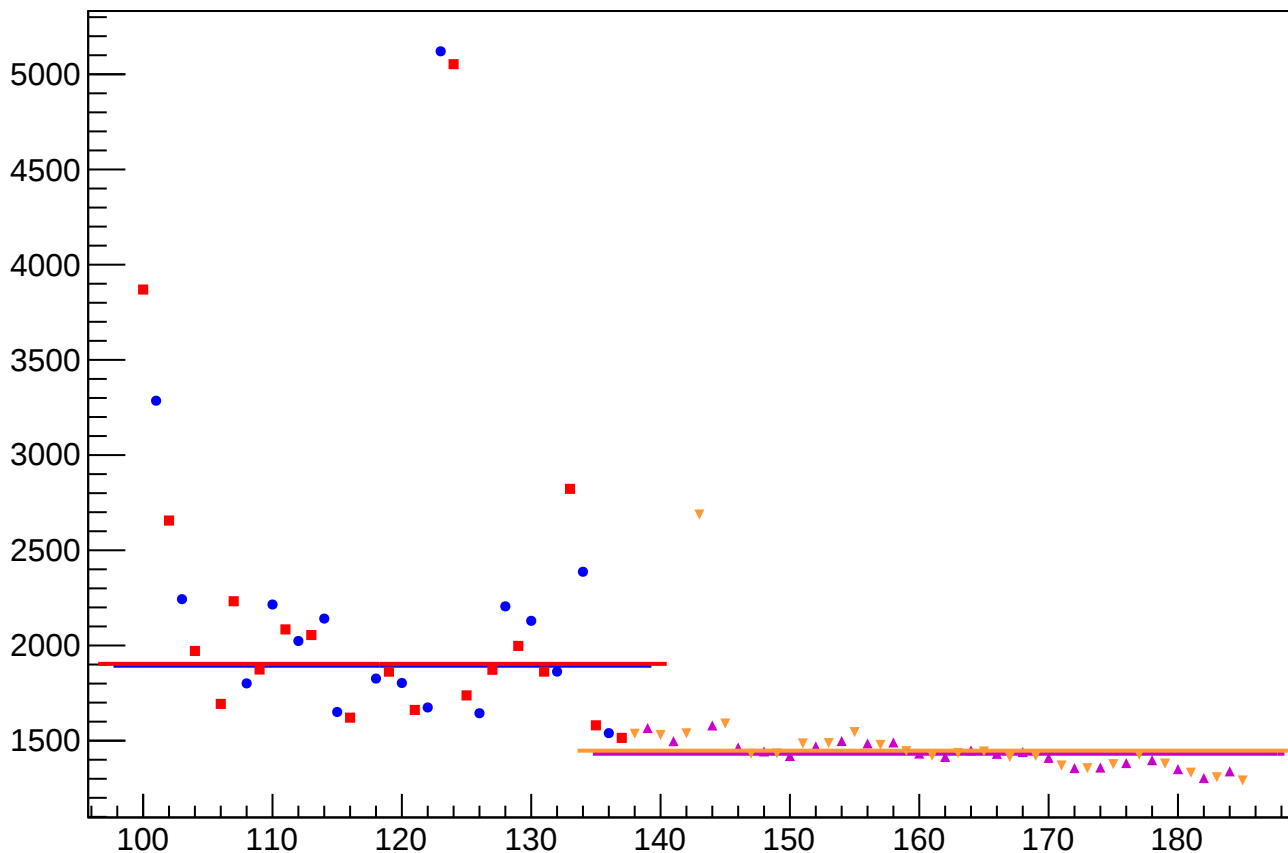
Left In: 107.512+/-343.663 χ^2/NDF : 19.5/22

+ sign -784.460+/-309.523 χ^2/NDF : 52.5/41

All: -325.130+/-219.524 χ^2/NDF : 86.6/83

- sign 139.770+/-311.394 χ^2/NDF : 29.6/41

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1893.797 $\pm$ 0.532 χ^2 /NDF: 466447.3/16

Left Out: 1447.592 $\pm$ 0.240 χ^2 /NDF: 419174.8/24

Right Out: 1903.476 $\pm$ 0.520 χ^2 /NDF: 460230.4/18

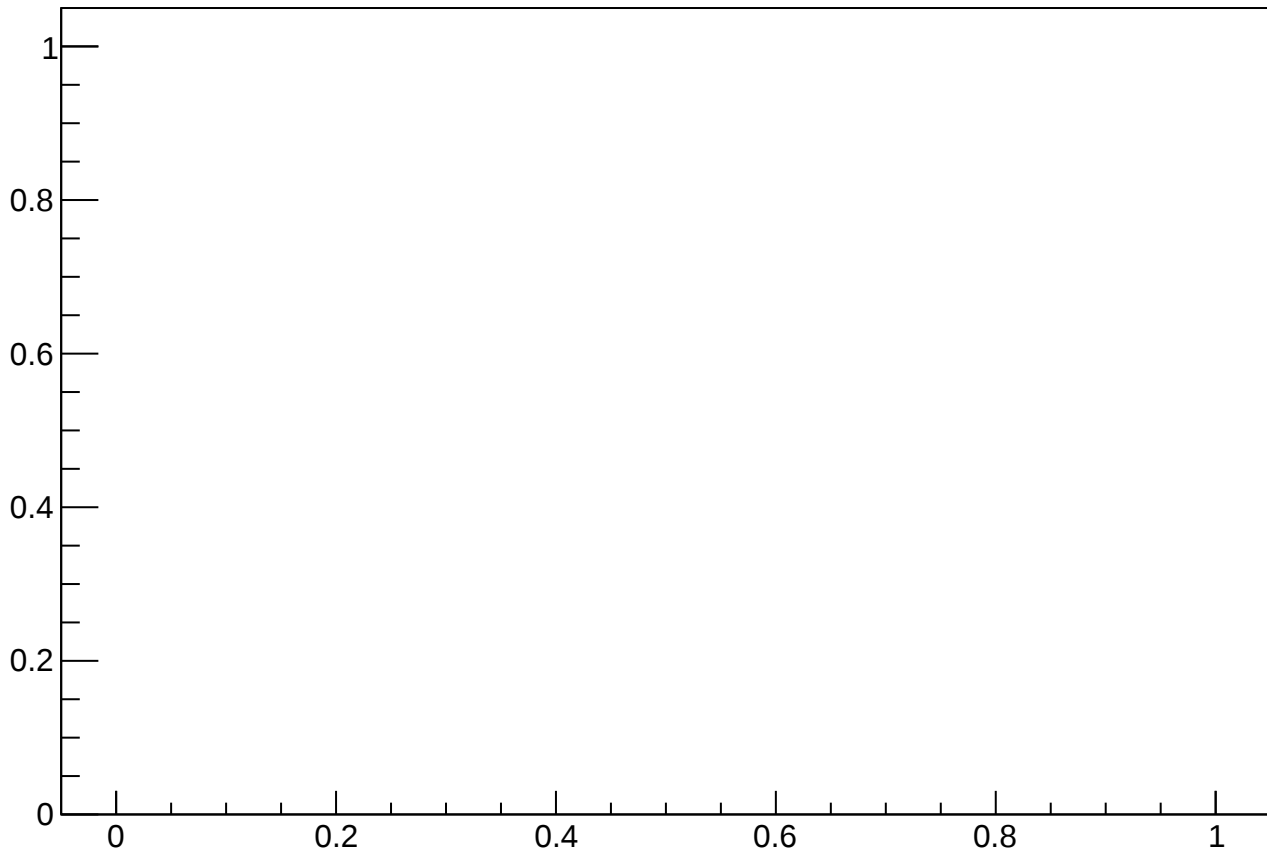
Left In: 1431.456 $\pm$ 0.243 χ^2 /NDF: 75130.4/22

+ sign 1523.017 $\pm$ 0.219 χ^2 /NDF: 1469437.5/41

All: 1519.499 $\pm$ 0.155 χ^2 /NDF: 2680616.4/83

- sign 1515.939 $\pm$ 0.220 χ^2 /NDF: 1210659.0/41

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: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

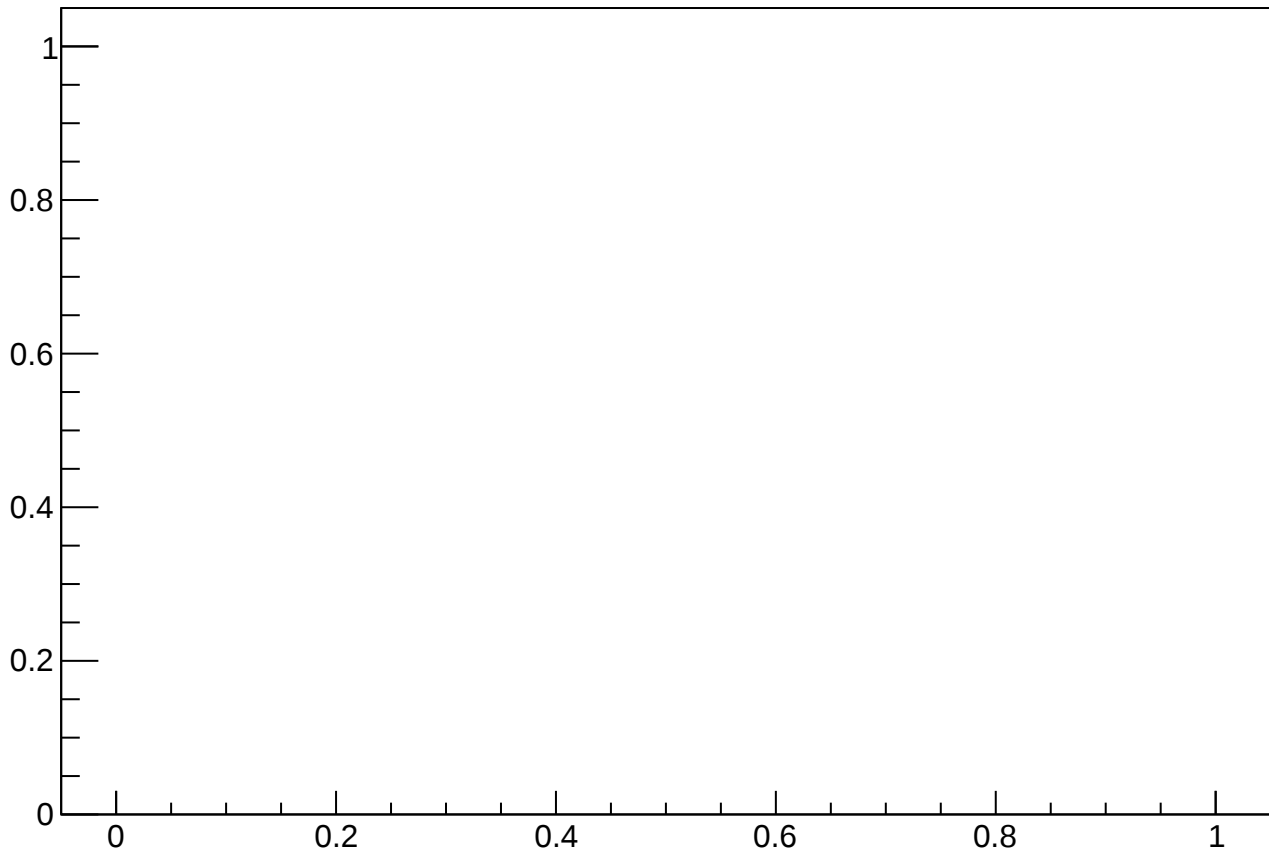
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

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

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

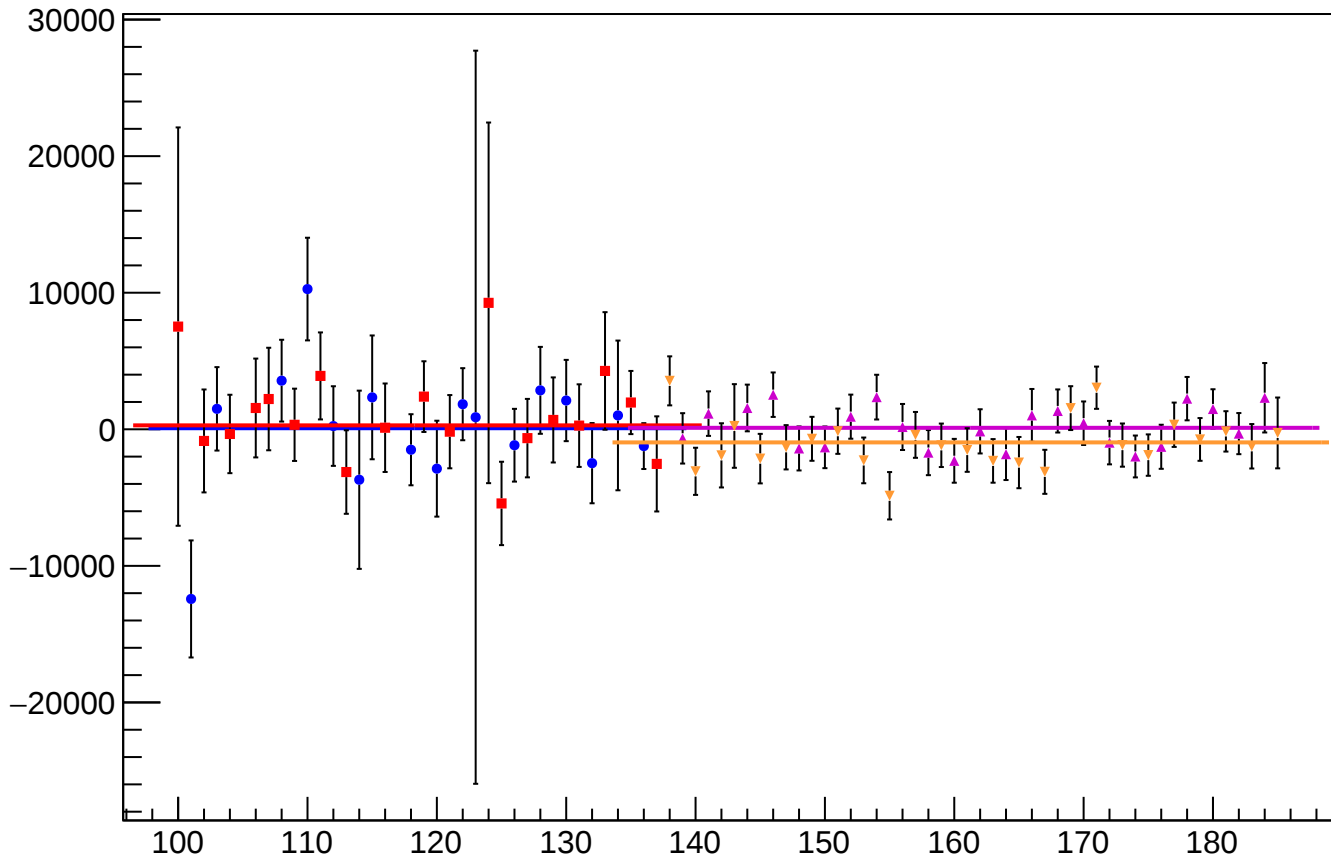
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

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

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 78.213+/-752.844 χ^2/NDF : 22.4/16

Left Out: -959.945+/-339.548 χ^2/NDF : 28.5/24

Right Out: 287.747+/-736.056 χ^2/NDF : 10.1/18

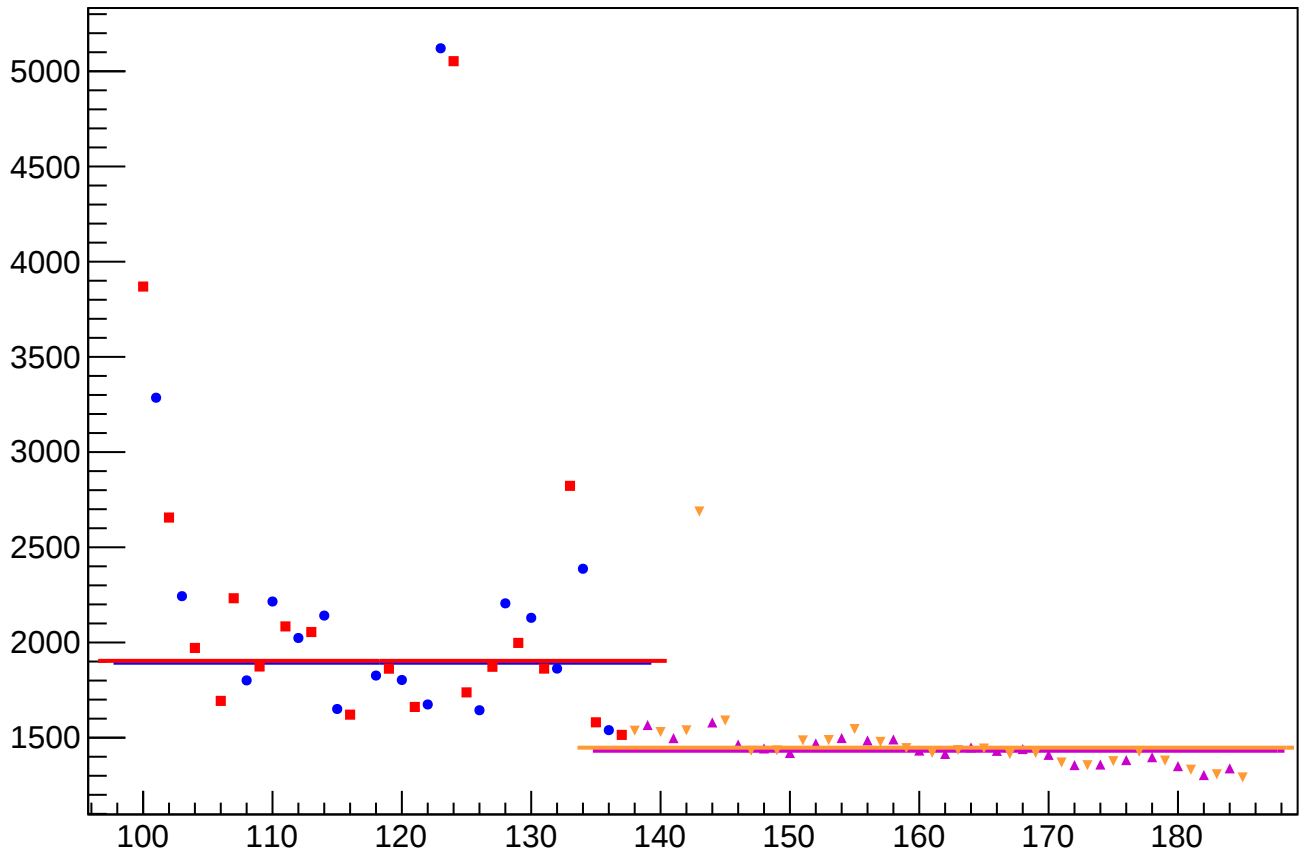
Left In: 107.512+/-343.663 χ^2/NDF : 19.5/22

+ sign -784.460+/-309.523 χ^2/NDF : 52.5/41

All: -325.130+/-219.524 χ^2/NDF : 86.6/83

- sign 139.770+/-311.394 χ^2/NDF : 29.6/41

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1893.797 +/- 0.532 χ^2/NDF : 466447.3/16

Left Out: 1447.592 +/- 0.240 χ^2/NDF : 419174.8/24

Right Out: 1903.476 +/- 0.520 χ^2/NDF : 460230.4/18

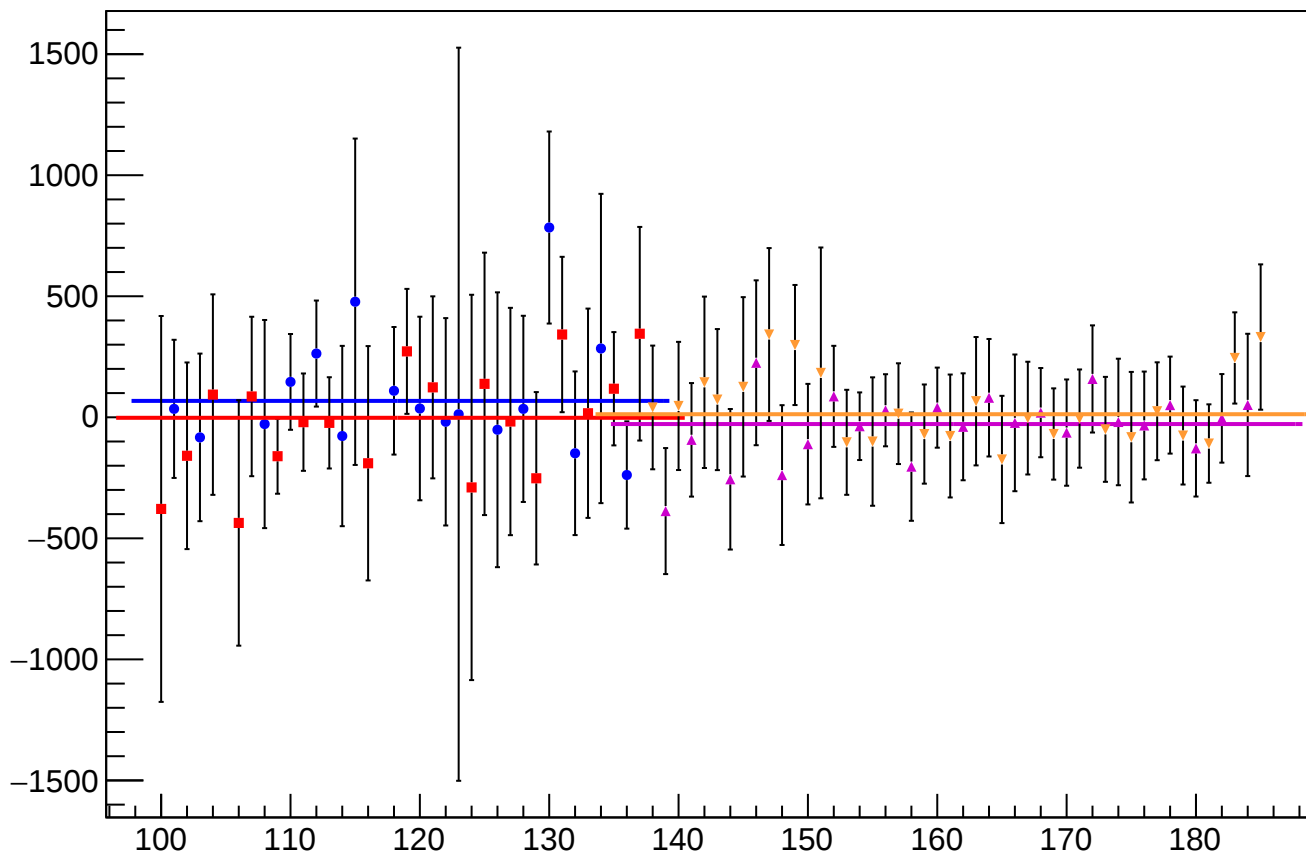
Left In: 1431.456 +/- 0.243 χ^2/NDF : 75130.4/22

+ sign 1523.017 +/- 0.219 χ^2/NDF : 1469437.5/41

All: 1519.499 +/- 0.155 χ^2/NDF : 2680616.4/83

- sign 1515.939 +/- 0.220 χ^2/NDF : 1210659.0/41

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.747 $\pm$ 79.837 χ^2 /NDF: 7.5/16

Left Out: 12.719 $\pm$ 47.498 χ^2 /NDF: 7.7/24

Right Out: -2.060 $\pm$ 70.020 χ^2 /NDF: 6.4/18

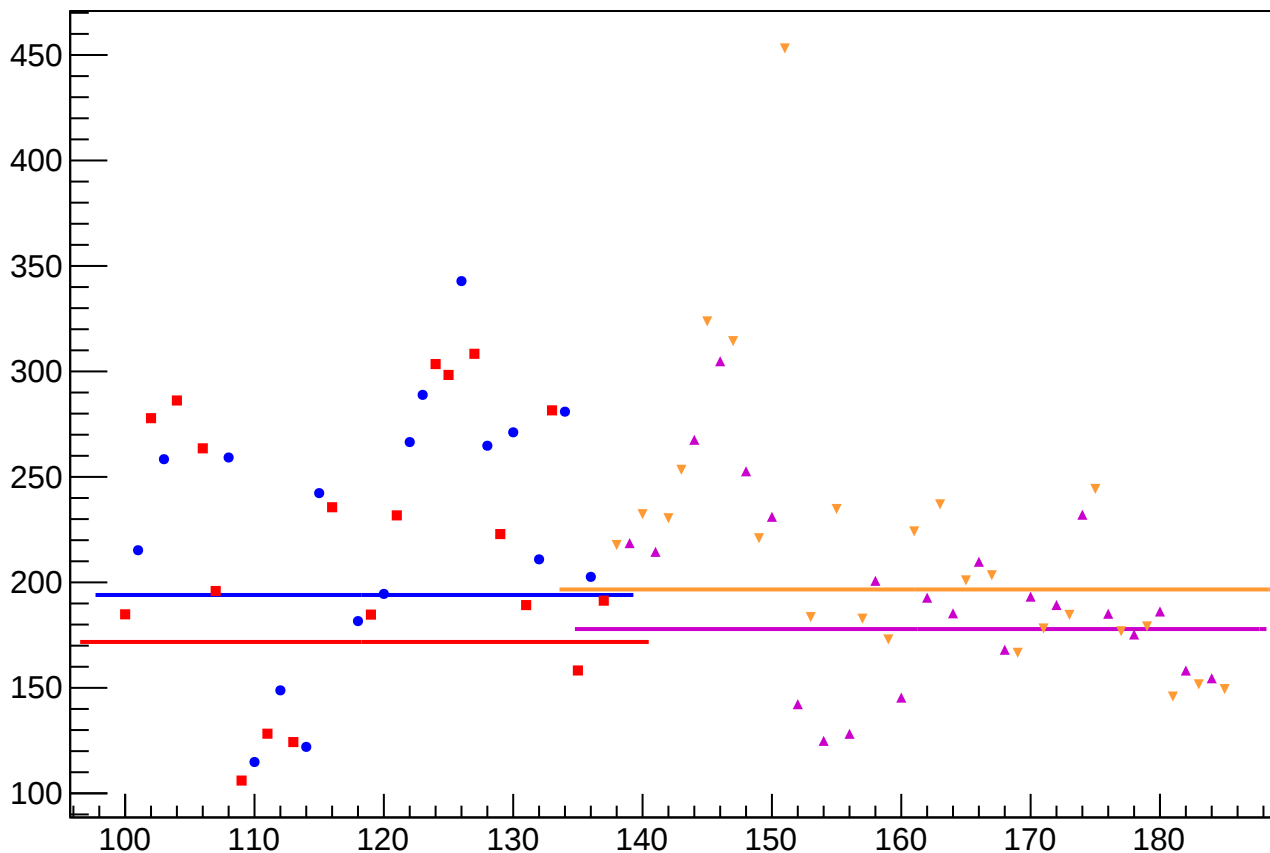
Left In: -27.921 $\pm$ 44.523 χ^2 /NDF: 6.5/22

+ sign 27.104 $\pm$ 40.820 χ^2 /NDF: 15.6/41

All: 1.346 $\pm$ 27.644 χ^2 /NDF: 29.4/83

- sign -20.475 $\pm$ 37.571 χ^2 /NDF: 13.1/41

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.032 $\pm$ 0.056 χ^2 /NDF: 1011944.3/16

Left Out: 196.645 $\pm$ 0.034 χ^2 /NDF:1792381.0/24

Right Out: 171.760 $\pm$ 0.050 χ^2 /NDF: 1571617.5/18

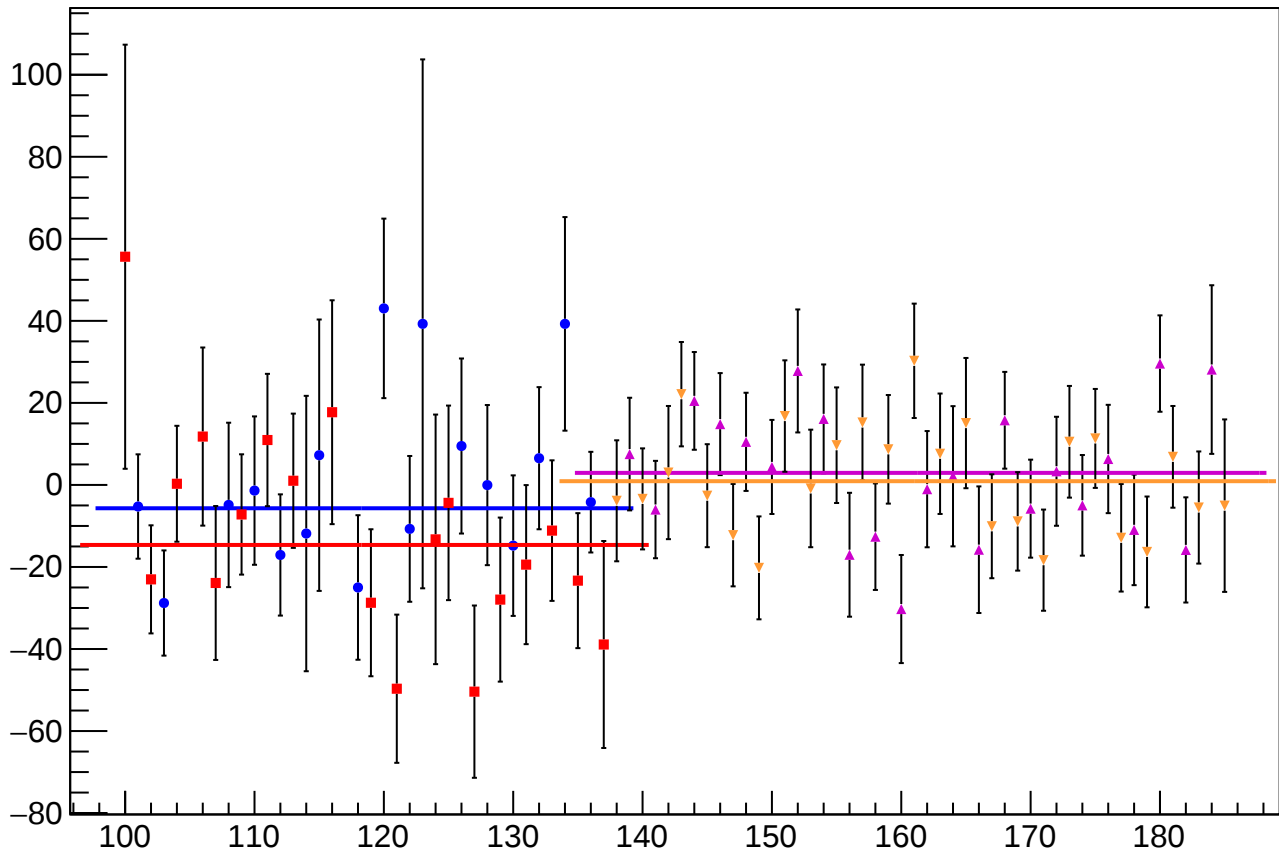
Left In: 177.878 $\pm$ 0.031 χ^2 /NDF:1644086.7/22

+ sign 195.962 $\pm$ 0.029 χ^2 /NDF: 2805907.2/41

All: 185.218 $\pm$ 0.020 χ^2 /NDF: 6288399.3/83

- sign 176.116 $\pm$ 0.027 χ^2 /NDF: 3226574.3/41

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.687 ± 4.361 χ^2/NDF : 15.2/16

Left Out: 0.912 ± 2.696 χ^2/NDF : 24.0/24

Right Out: -14.630 ± 4.271 χ^2/NDF : 19.4/18

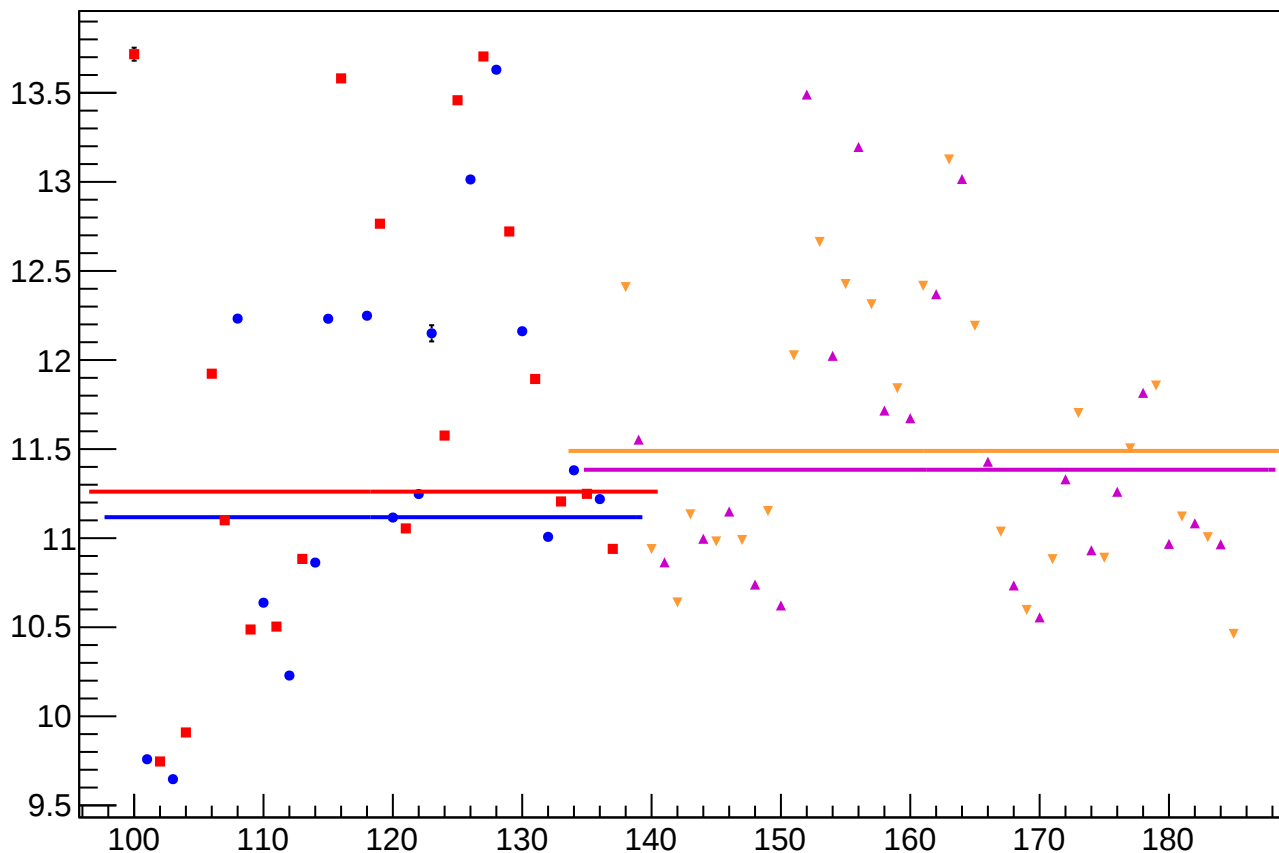
Left In: 2.941 ± 2.745 χ^2/NDF : 31.0/22

+ sign -0.913 ± 2.293 χ^2/NDF : 40.8/41

All: -1.549 ± 1.627 χ^2/NDF : 103.4/83

- sign -2.194 ± 2.309 χ^2/NDF : 62.4/41

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.118 $\pm$ 0.003 χ^2 /NDF: 131951.0/16

Left Out: 11.490 $\pm$ 0.002 χ^2 /NDF:132397.0/24

Right Out: 11.261 $\pm$ 0.003 χ^2 /NDF: 148698.3/18

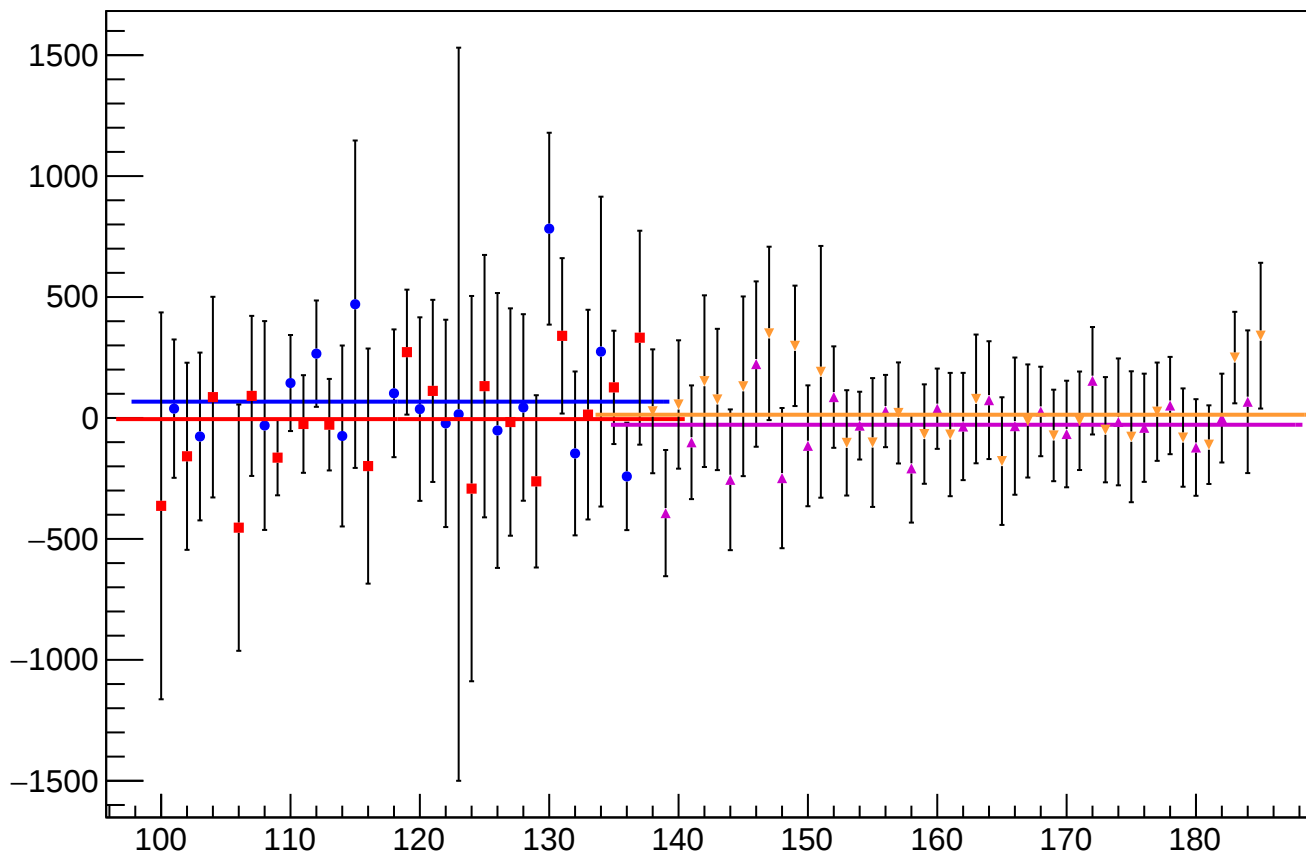
Left In: 11.384 $\pm$ 0.002 χ^2 /NDF:149799.6/22

+ sign 11.387 $\pm$ 0.002 χ^2 /NDF: 274881.7/41

All: 11.368 $\pm$ 0.001 χ^2 /NDF: 574835.6/83

- sign 11.348 $\pm$ 0.002 χ^2 /NDF: 299670.2/41

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 67.460 $\pm$ 80.048 χ^2 /NDF: 7.5/16

Left Out: 13.439 $\pm$ 47.674 χ^2 /NDF: 7.9/24

Right Out: -4.719 $\pm$ 70.224 χ^2 /NDF: 6.5/18

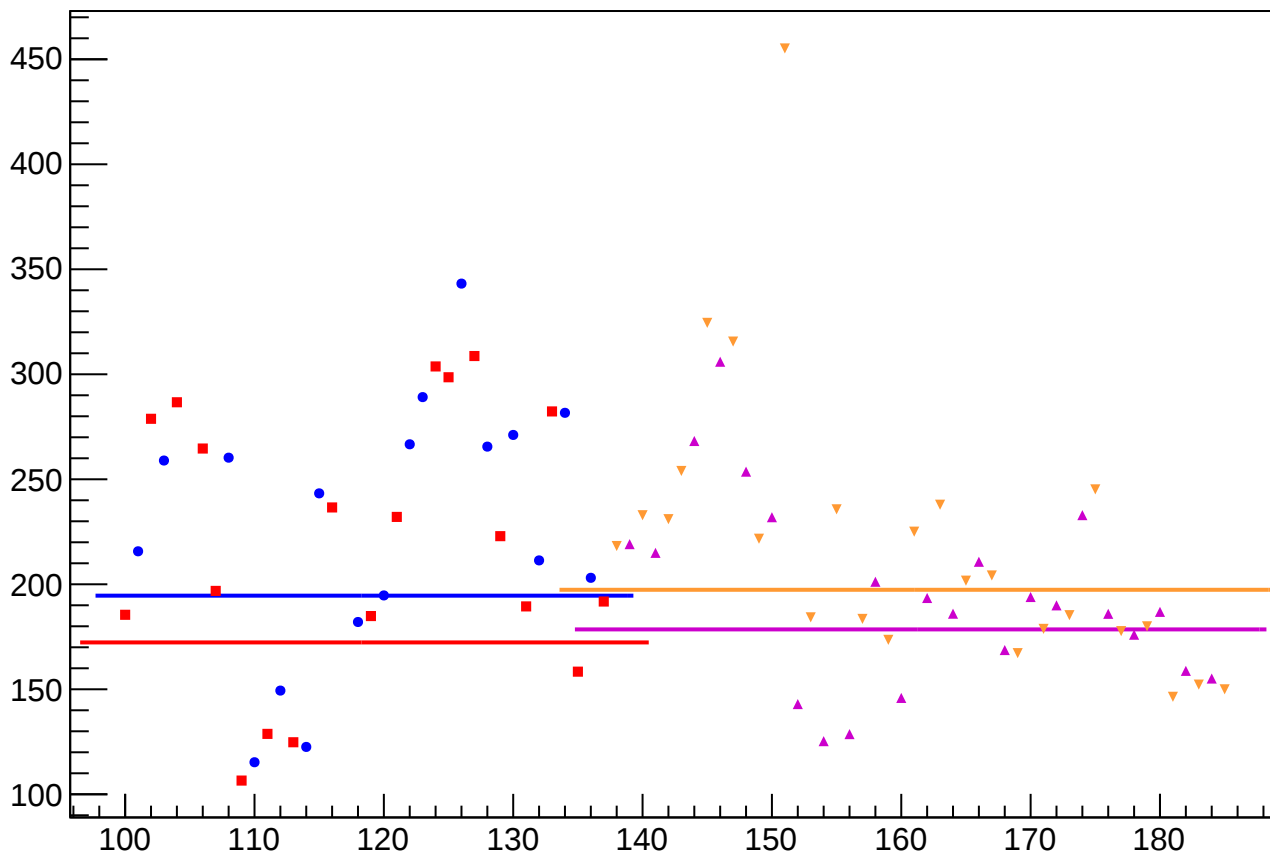
Left In: -28.050 $\pm$ 44.681 χ^2 /NDF: 6.6/22

+ sign 27.583 $\pm$ 40.960 χ^2 /NDF: 15.8/41

All: 1.103 $\pm$ 27.738 χ^2 /NDF: 29.7/83

- sign -21.327 $\pm$ 37.698 χ^2 /NDF: 13.2/41

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 194.582 ± 0.057 χ^2/NDF : 1006984.2/16

Left Out: 197.380 ± 0.034 χ^2/NDF : 1789702.6/24

Right Out: 172.312 ± 0.050 χ^2/NDF : 1564323.1/18

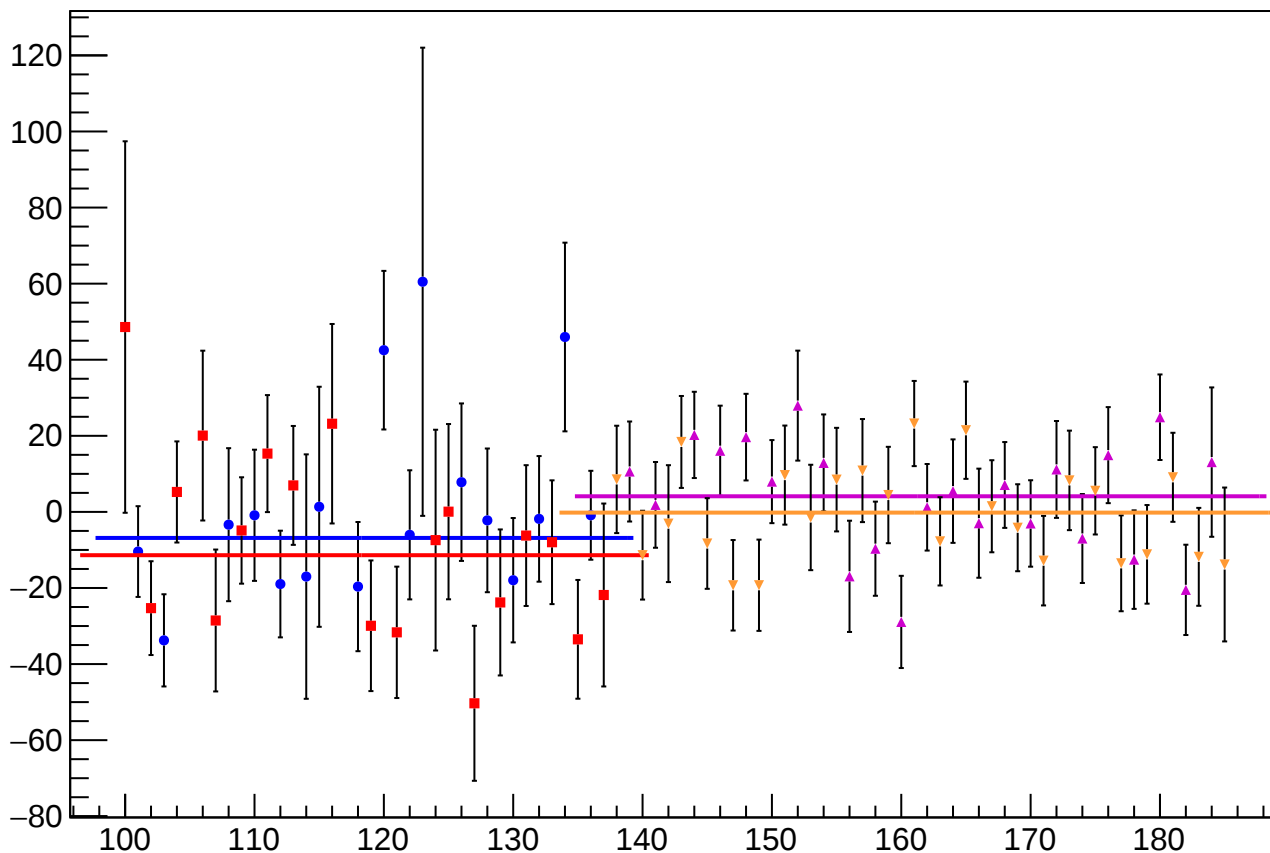
Left In: 178.512 ± 0.032 χ^2/NDF : 1642304.1/22

+ sign 196.648 ± 0.029 χ^2/NDF : 2798490.4/41

All: 185.862 ± 0.020 χ^2/NDF : 6272375.8/83

- sign 176.726 ± 0.027 χ^2/NDF : 3217723.1/41

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -6.841 ± 4.162 χ^2/NDF : 19.4/16

Left Out: -0.186 ± 2.521 χ^2/NDF : 24.4/24

Right Out: -11.383 ± 4.086 χ^2/NDF : 22.7/18

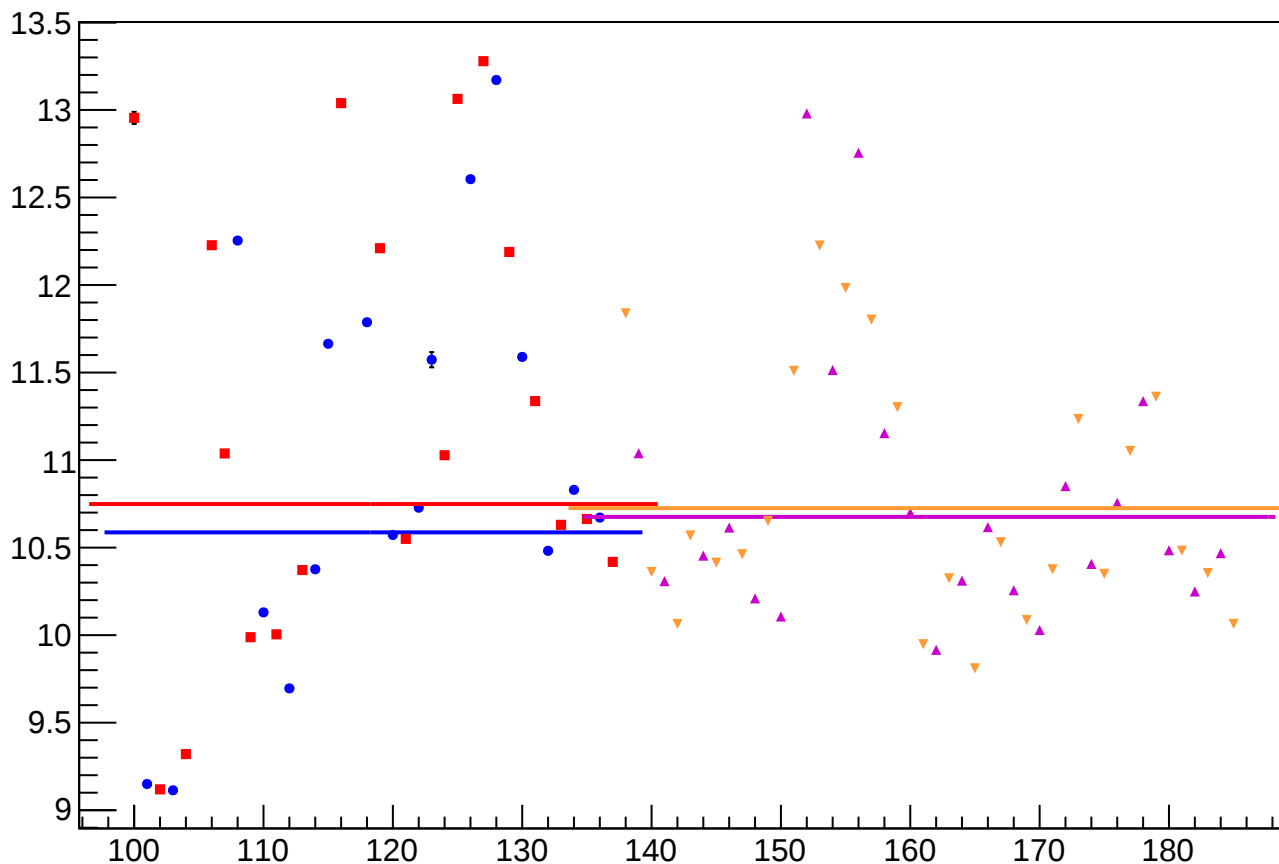
Left In: 4.107 ± 2.577 χ^2/NDF : 31.5/22

+ sign -1.972 ± 2.156 χ^2/NDF : 45.7/41

All: -1.146 ± 1.533 χ^2/NDF : 110.5/83

- sign -0.302 ± 2.180 χ^2/NDF : 64.6/41

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.587 $\pm$ 0.003 χ^2 /NDF: 159222.7/16

Left Out: 10.725 $\pm$ 0.002 χ^2 /NDF:132182.9/24

Right Out: 10.749 $\pm$ 0.003 χ^2 /NDF: 178183.6/18

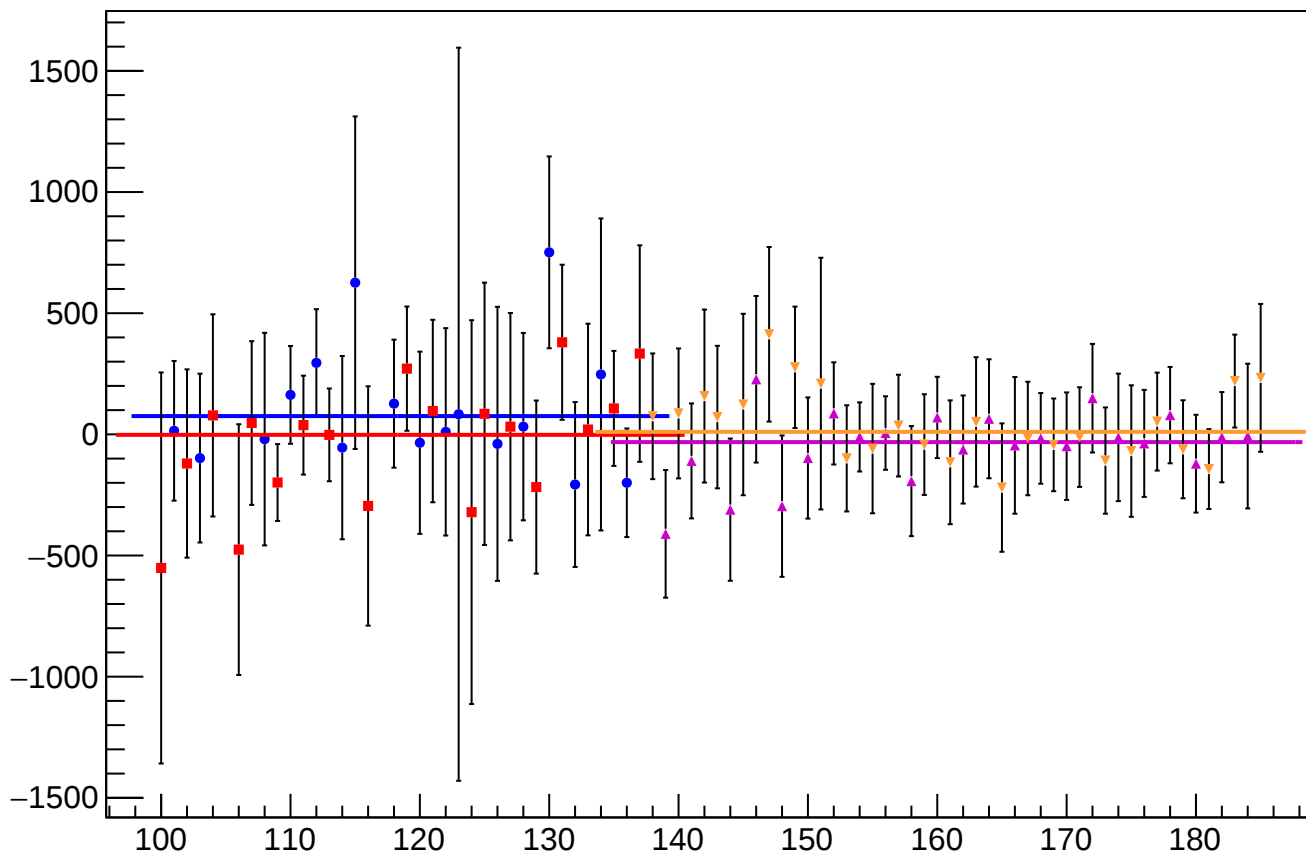
Left In: 10.675 $\pm$ 0.002 χ^2 /NDF:145938.2/22

+ sign 10.688 $\pm$ 0.002 χ^2 /NDF: 293024.1/41

All: 10.692 $\pm$ 0.001 χ^2 /NDF: 617621.6/83

- sign 10.696 $\pm$ 0.002 χ^2 /NDF: 324583.8/41

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 75.370 $\pm$ 80.583 χ^2 /NDF: 7.7/16

Left Out: 10.253 $\pm$ 47.990 χ^2 /NDF: 7.6/24

Right Out: -2.048 $\pm$ 70.896 χ^2 /NDF: 7.3/18

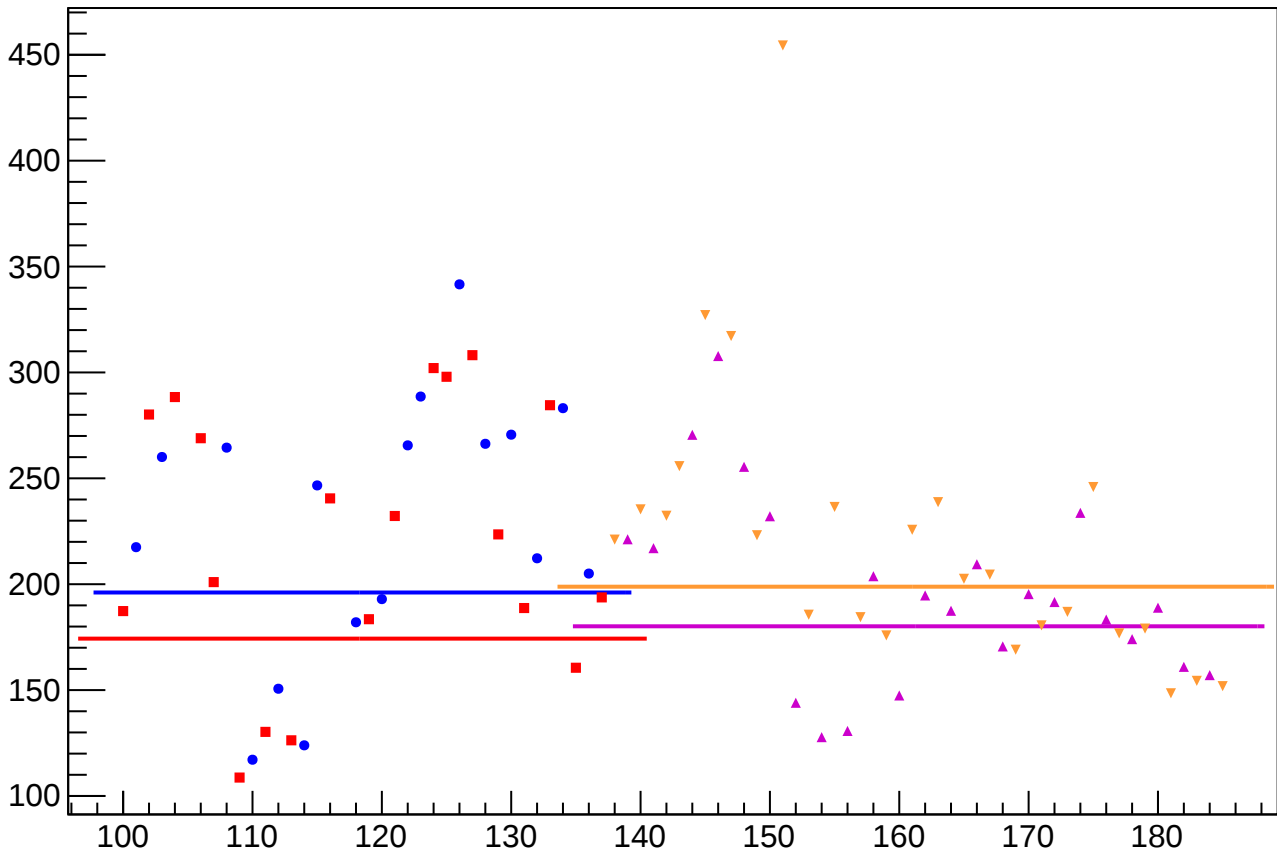
Left In: -31.989 $\pm$ 45.038 χ^2 /NDF: 7.2/22

+ sign 27.302 $\pm$ 41.232 χ^2 /NDF: 15.8/41

All: -0.093 $\pm$ 27.949 χ^2 /NDF: 31.2/83

- sign -23.380 $\pm$ 38.016 χ^2 /NDF: 14.6/41

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 196.085 $\pm$ 0.057 χ^2 /NDF: 981134.1/16

Left Out: 198.825 $\pm$ 0.034 χ^2 /NDF: 1762048.4/24

Right Out: 174.302 $\pm$ 0.050 χ^2 /NDF: 1523885.0/18

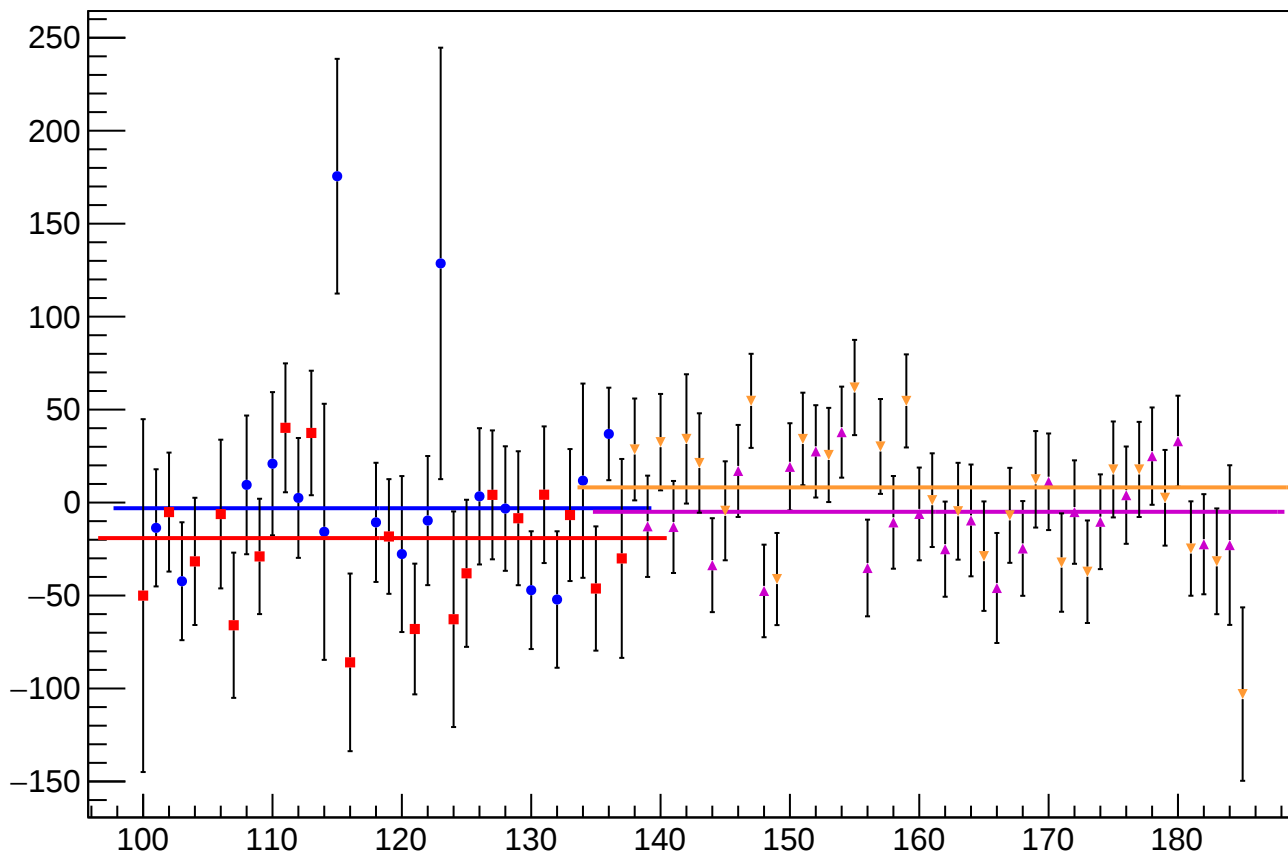
Left In: 180.123 $\pm$ 0.032 χ^2 /NDF: 1593842.6/22

+ sign 198.108 $\pm$ 0.029 χ^2 /NDF: 2744888.9/41

All: 187.482 $\pm$ 0.020 χ^2 /NDF: 6117957.6/83

- sign 178.449 $\pm$ 0.027 χ^2 /NDF: 3127335.1/41

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.043 ± 8.901 χ^2/NDF : 18.4/16

Left Out: 8.169 ± 5.328 χ^2/NDF : 36.9/24

Right Out: -19.112 ± 8.574 χ^2/NDF : 14.3/18

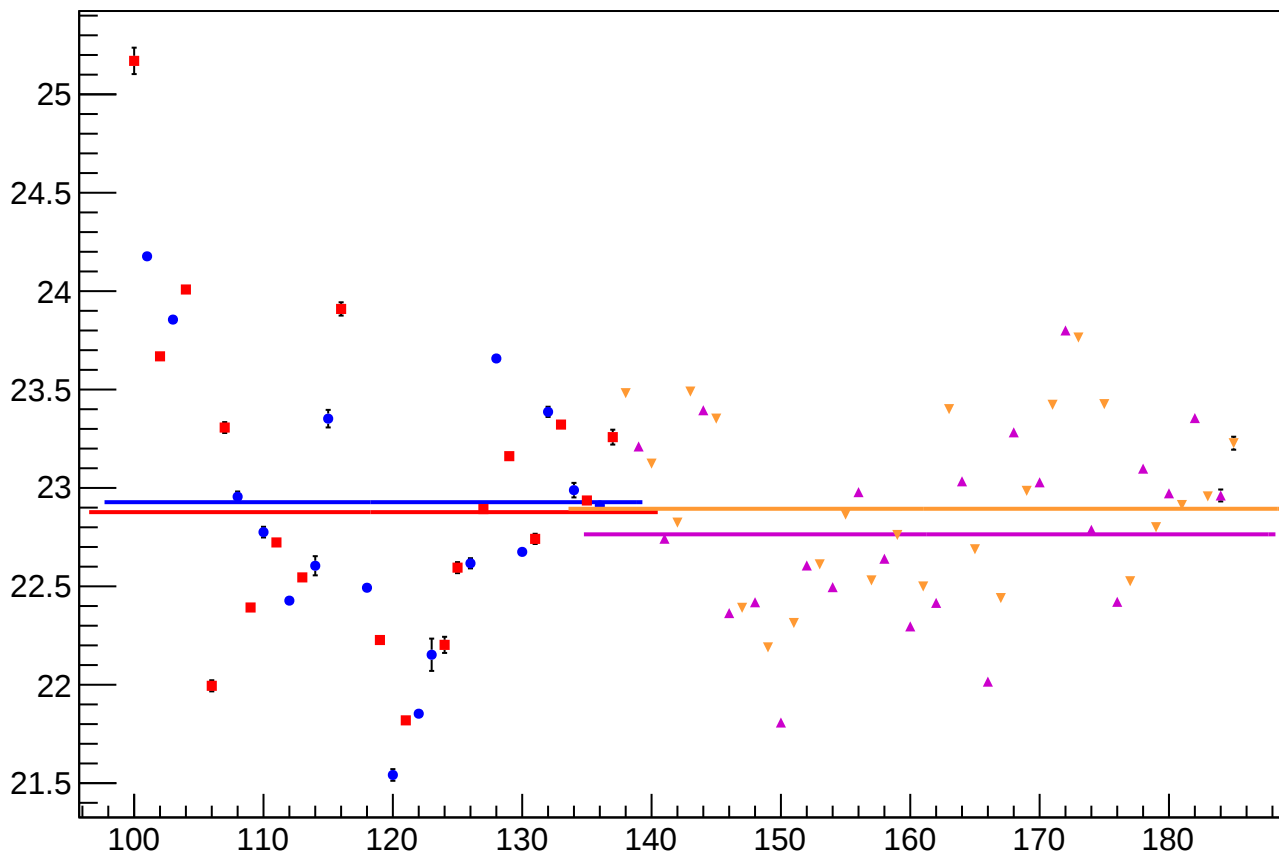
Left In: -4.973 ± 5.444 χ^2/NDF : 20.5/22

+ sign 5.211 ± 4.571 χ^2/NDF : 56.4/41

All: -1.874 ± 3.241 χ^2/NDF : 98.0/83

- sign -9.036 ± 4.596 χ^2/NDF : 36.7/41

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.928 $\pm$ 0.006 χ^2 /NDF: 11600.9/16

Left Out: 22.894 $\pm$ 0.004 χ^2 /NDF: 13070.8/24

Right Out: 22.877 $\pm$ 0.006 χ^2 /NDF: 11098.9/18

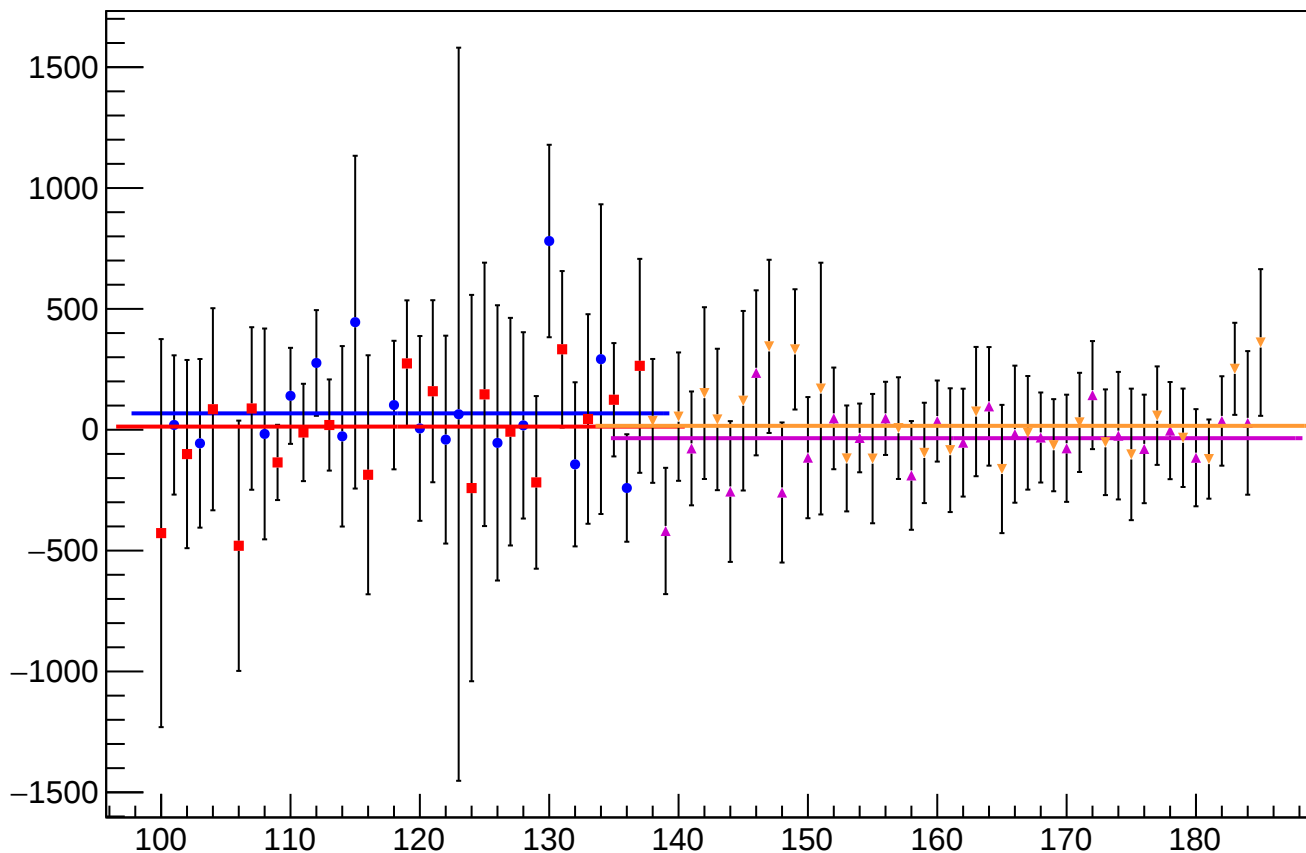
Left In: 22.764 $\pm$ 0.004 χ^2 /NDF: 14665.7/22

+ sign 22.903 $\pm$ 0.003 χ^2 /NDF: 24692.5/41

All: 22.850 $\pm$ 0.002 χ^2 /NDF: 51241.5/83

- sign 22.797 $\pm$ 0.003 χ^2 /NDF: 26011.2/41

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.779 $\pm$ 80.229 χ^2 /NDF: 7.4/16

Left Out: 16.173 $\pm$ 47.910 χ^2 /NDF: 8.5/24

Right Out: 13.007 $\pm$ 70.398 χ^2 /NDF: 5.7/18

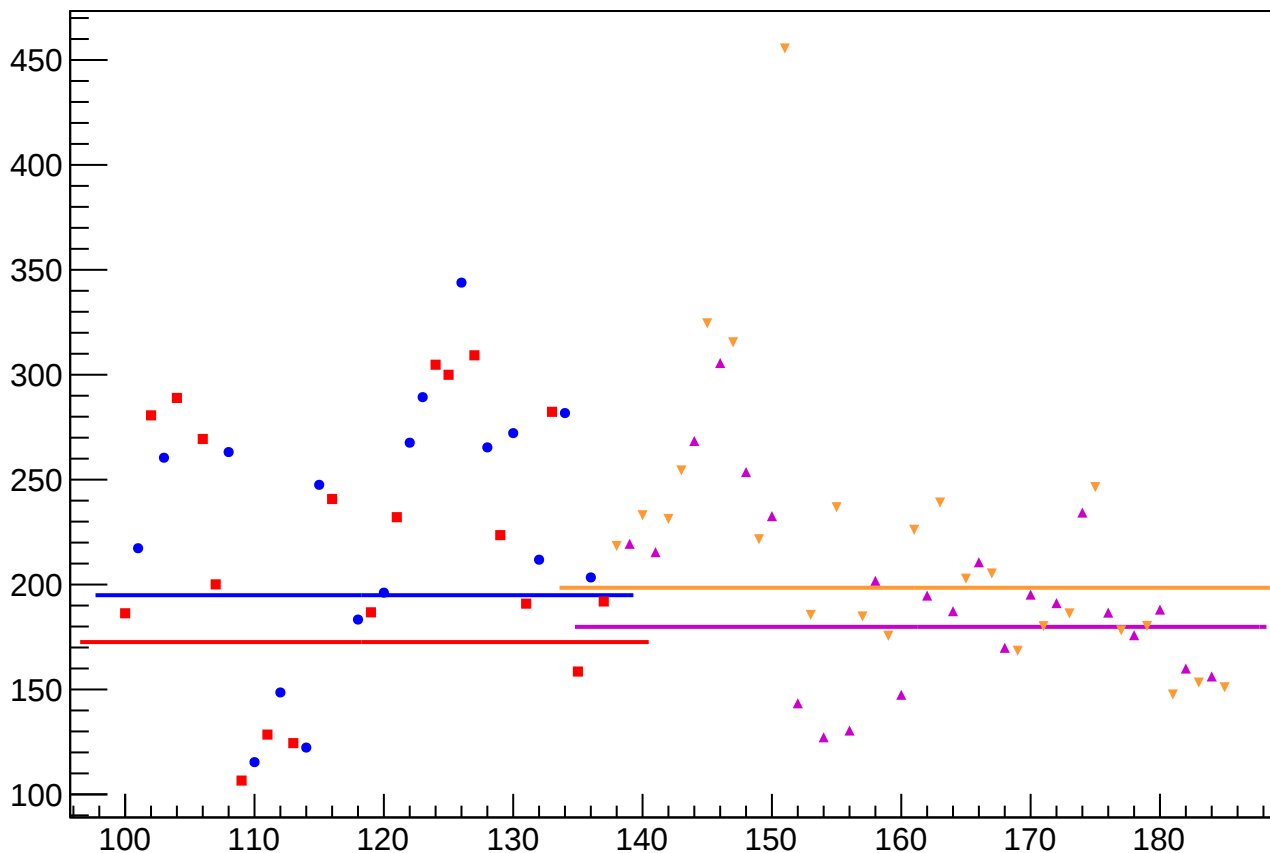
Left In: -34.919 $\pm$ 44.971 χ^2 /NDF: 6.6/22

+ sign 29.739 $\pm$ 41.134 χ^2 /NDF: 16.2/41

All: 2.279 $\pm$ 27.872 χ^2 /NDF: 29.7/83

- sign -21.030 $\pm$ 37.898 χ^2 /NDF: 12.6/41

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.927 ± 0.057 χ^2/NDF : 1021893.7/16

Left Out: 198.475 ± 0.034 χ^2/NDF : 1760349.4/24

Right Out: 172.594 ± 0.050 χ^2/NDF : 1591420.0/18

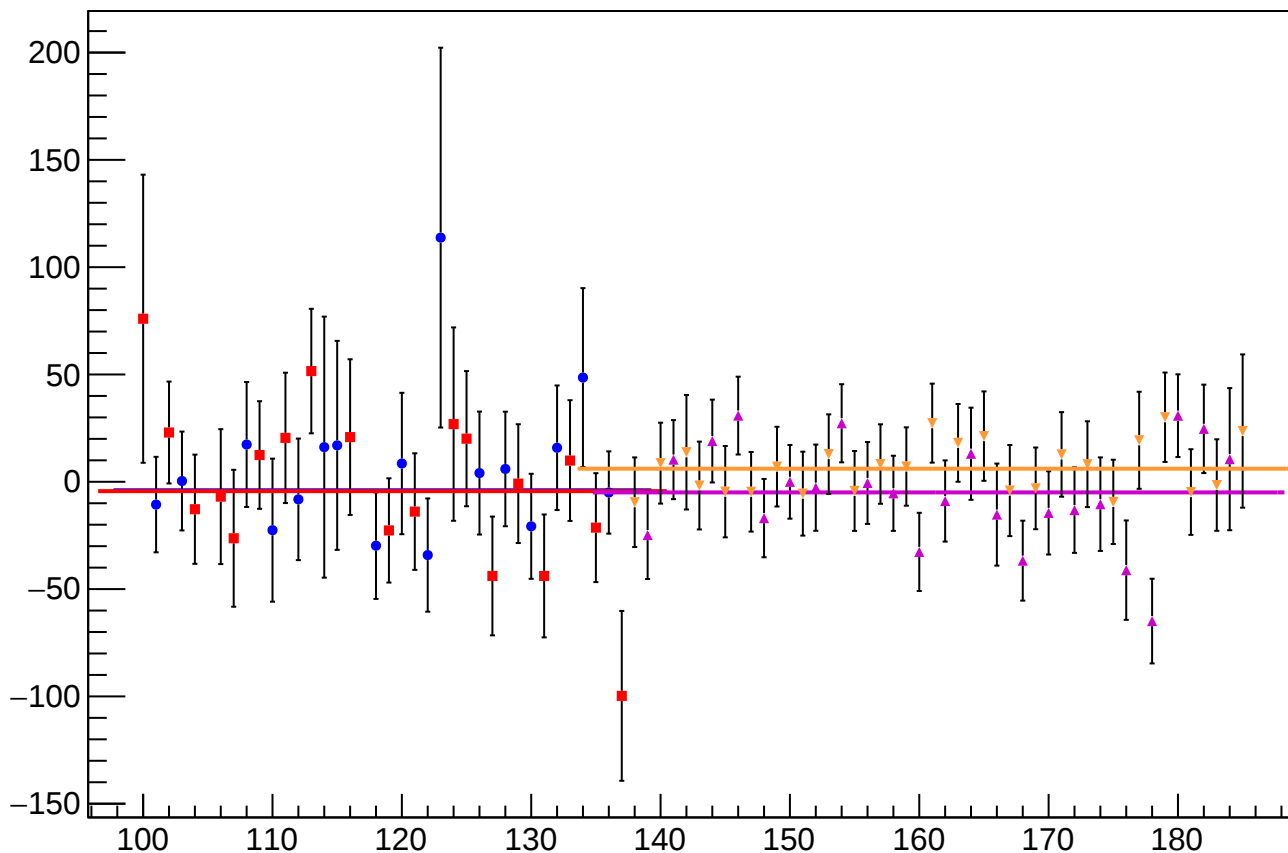
Left In: 179.839 ± 0.032 χ^2/NDF : 1588834.3/22

+ sign 197.542 ± 0.029 χ^2/NDF : 2785126.3/41

All: 186.831 ± 0.020 χ^2/NDF : 6231137.2/83

- sign 177.739 ± 0.027 χ^2/NDF : 3195299.8/41

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.959 ± 6.931 χ^2/NDF : 8.3/16

Left Out: 6.098 ± 4.018 χ^2/NDF : 8.1/24

Right Out: -4.358 ± 6.742 χ^2/NDF : 20.9/18

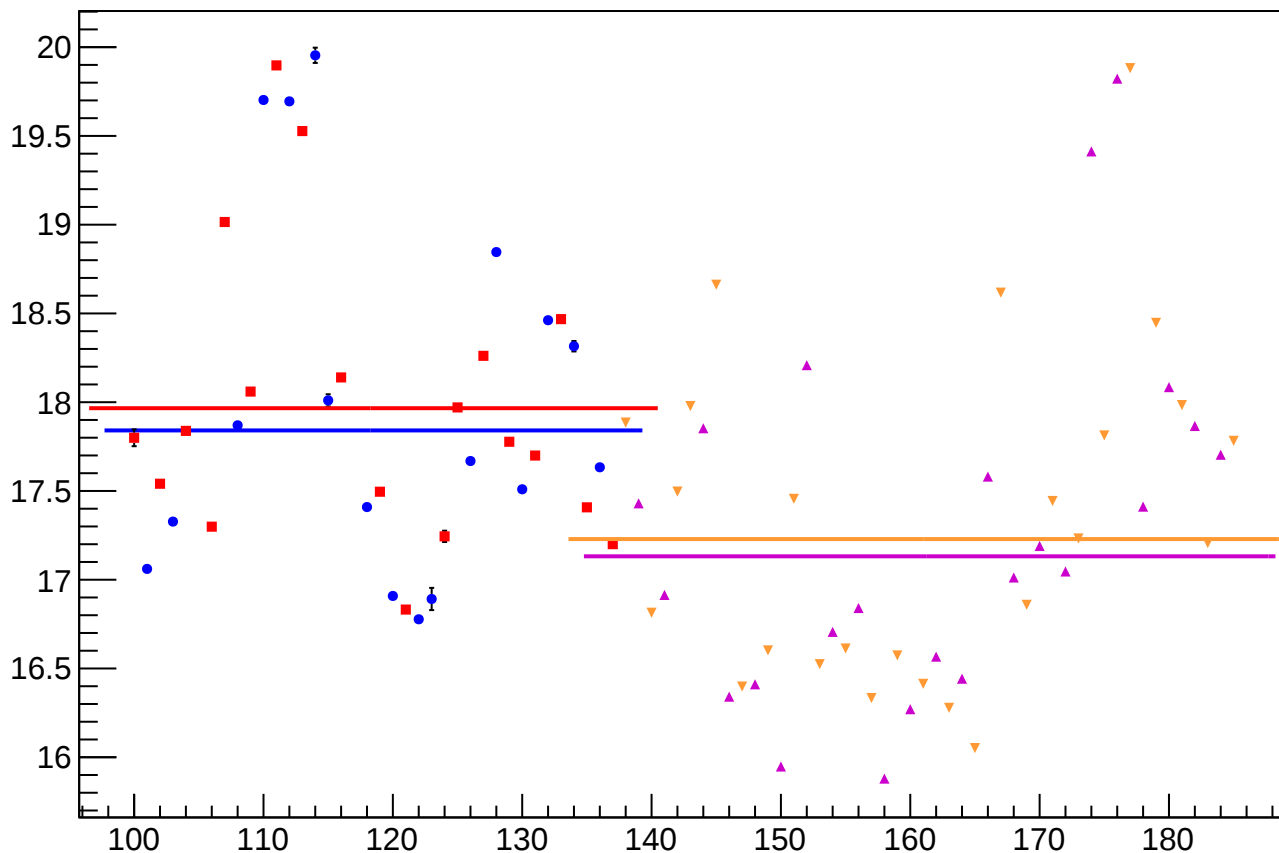
Left In: -4.943 ± 4.108 χ^2/NDF : 34.8/22

+ sign 3.568 ± 3.476 χ^2/NDF : 18.0/41

All: -0.570 ± 2.469 χ^2/NDF : 76.6/83

- sign -4.785 ± 3.508 χ^2/NDF : 55.8/41

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.841 $\pm$ 0.005 χ^2 /NDF: 31077.0/16

Left Out: 17.229 $\pm$ 0.003 χ^2 /NDF: 98625.1/24

Right Out: 17.966 $\pm$ 0.005 χ^2 /NDF: 25324.0/18

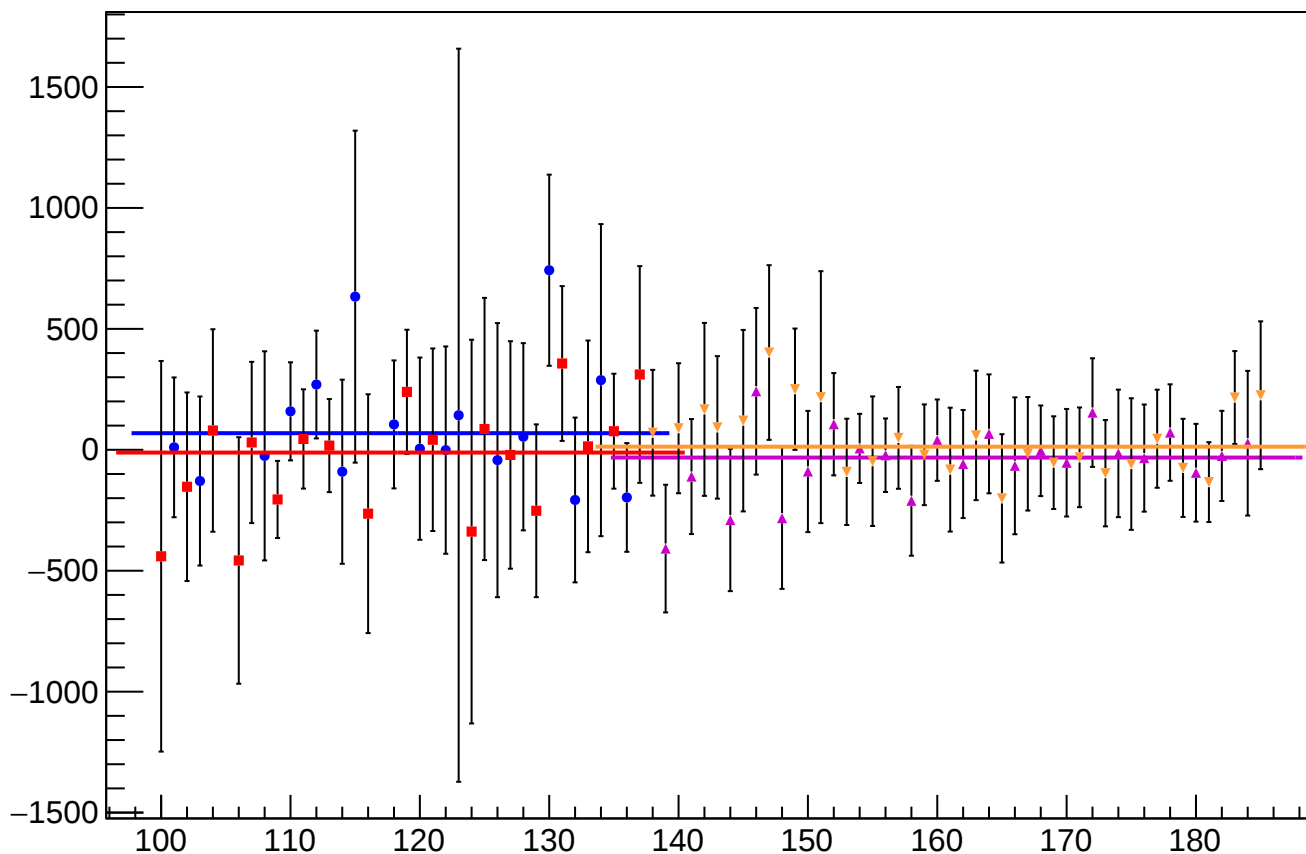
Left In: 17.132 $\pm$ 0.003 χ^2 /NDF: 103997.3/22

+ sign 17.383 $\pm$ 0.002 χ^2 /NDF: 141372.6/41

All: 17.370 $\pm$ 0.002 χ^2 /NDF: 293085.5/83

- sign 17.358 $\pm$ 0.002 χ^2 /NDF: 151660.7/41

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 68.704 $\pm$ 80.783 χ^2 /NDF: 7.5/16

Left Out: 12.914 $\pm$ 48.098 χ^2 /NDF: 6.9/24

Right Out: -11.402 $\pm$ 71.054 χ^2 /NDF: 6.7/18

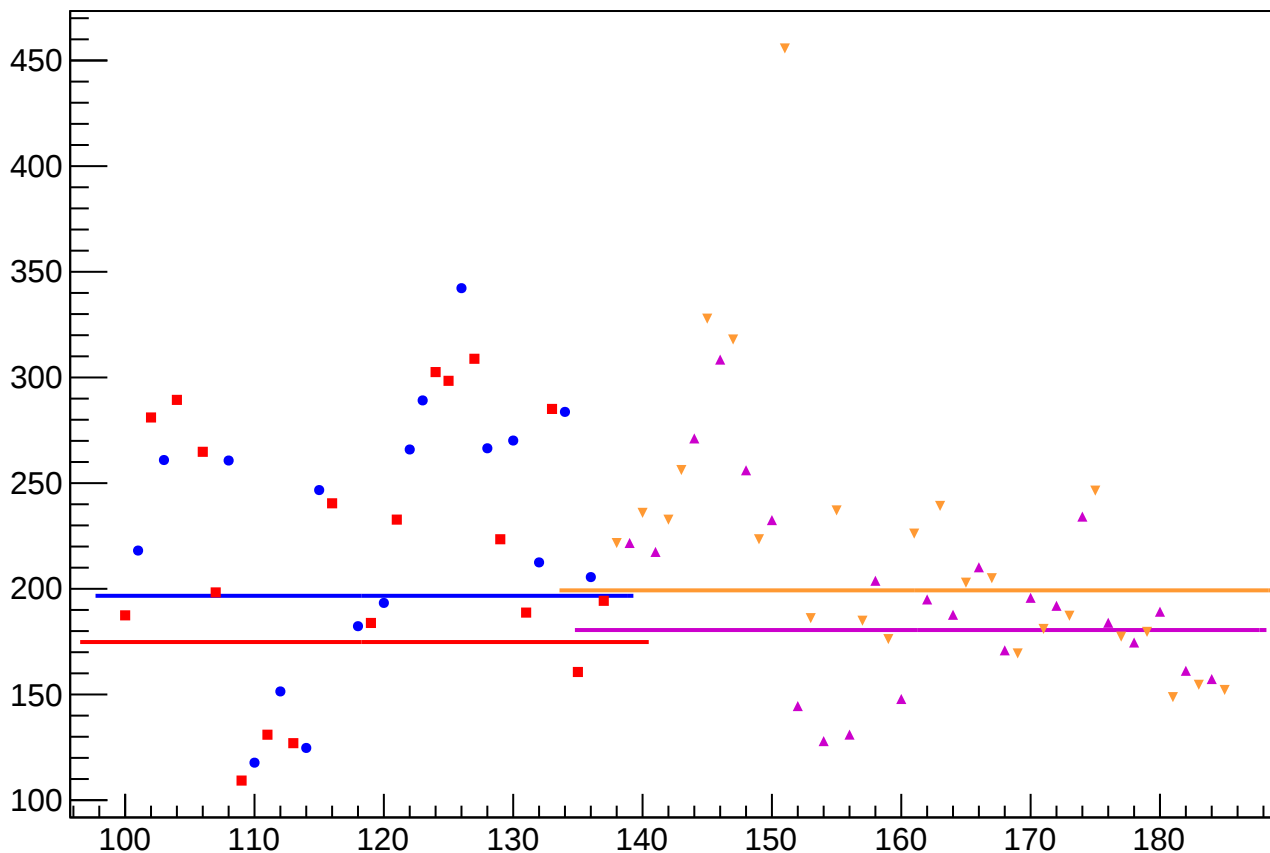
Left In: -32.159 $\pm$ 45.131 χ^2 /NDF: 6.9/22

+ sign 27.515 $\pm$ 41.327 χ^2 /NDF: 14.8/41

All: -1.520 $\pm$ 28.011 χ^2 /NDF: 29.4/83

- sign -26.192 $\pm$ 38.096 χ^2 /NDF: 13.7/41

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 196.690 $\pm$ 0.057 χ^2 /NDF: 966153.1/16

Left Out: 199.266 $\pm$ 0.034 χ^2 /NDF:1763018.5/24

Right Out: 174.816 $\pm$ 0.050 χ^2 /NDF: 1506223.2/18

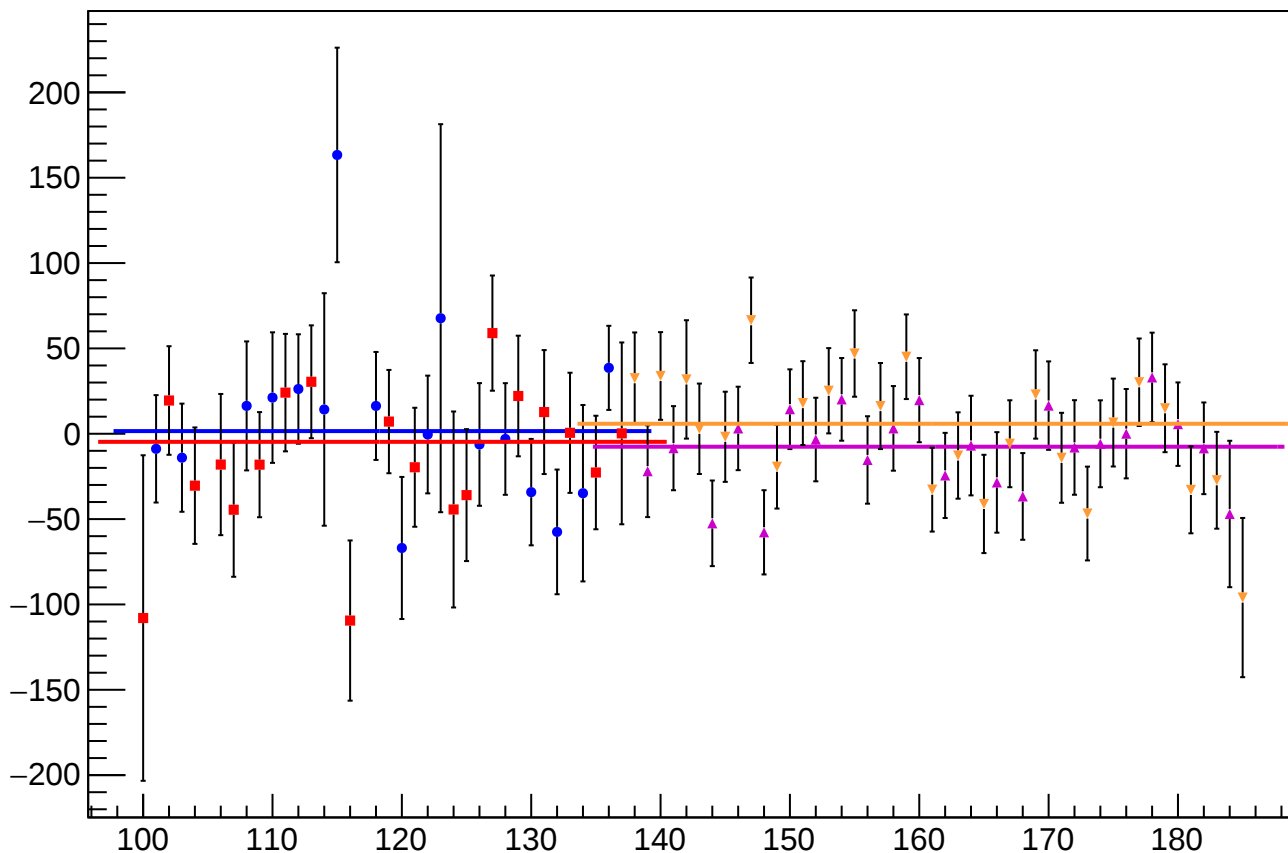
Left In: 180.494 $\pm$ 0.032 χ^2 /NDF:1593784.1/22

+ sign 198.592 $\pm$ 0.029 χ^2 /NDF: 2730672.9/41

All: 187.925 $\pm$ 0.020 χ^2 /NDF: 6086217.3/83

- sign 178.862 $\pm$ 0.027 χ^2 /NDF: 3109105.0/41

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 1.556 $\pm$ 8.826 χ^2/NDF : 18.0/16

Left Out: 5.853 $\pm$ 5.279 χ^2/NDF : 36.0/24

Right Out: -4.732 $\pm$ 8.498 χ^2/NDF : 16.6/18

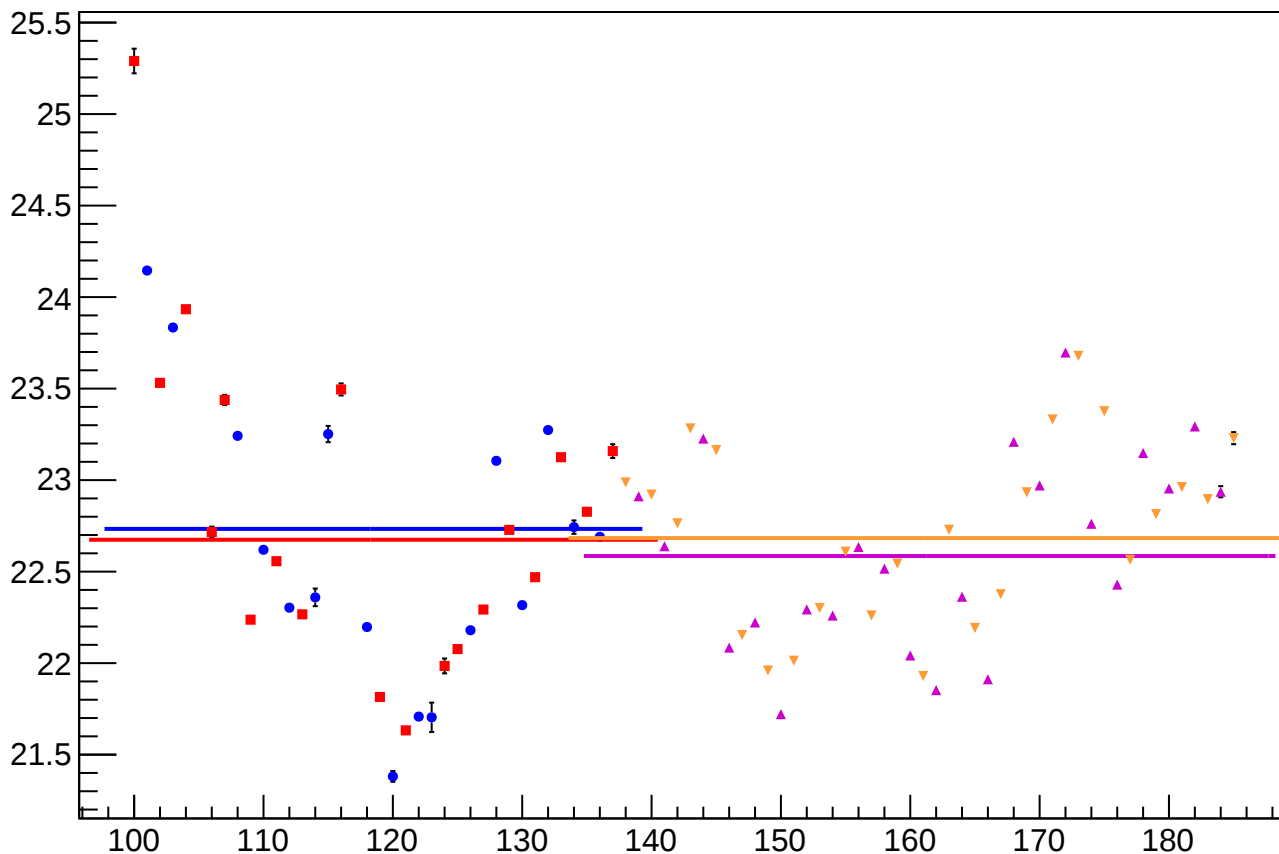
Left In: -7.594 $\pm$ 5.402 χ^2/NDF : 18.3/22

+ sign 4.721 $\pm$ 4.530 χ^2/NDF : 54.2/41

All: -0.989 $\pm$ 3.213 χ^2/NDF : 92.4/83

- sign -6.770 $\pm$ 4.559 χ^2/NDF : 35.0/41

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.734 $\pm$ 0.006 χ^2 /NDF: 13530.3/16

Left Out: 22.683 $\pm$ 0.004 χ^2 /NDF: 16316.9/24

Right Out: 22.674 $\pm$ 0.006 χ^2 /NDF: 12809.0/18

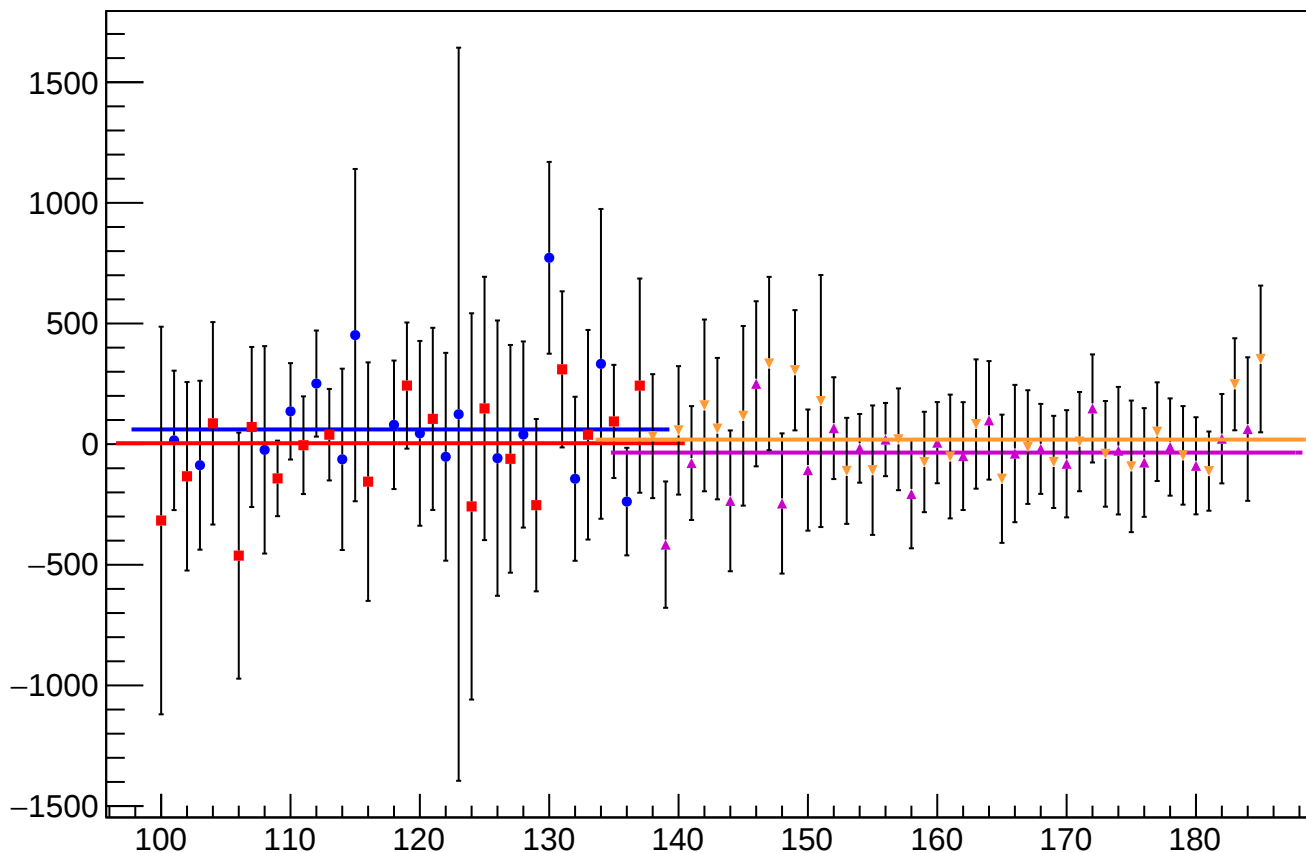
Left In: 22.585 $\pm$ 0.004 χ^2 /NDF: 18087.5/22

+ sign 22.697 $\pm$ 0.003 χ^2 /NDF: 29894.8/41

All: 22.654 $\pm$ 0.002 χ^2 /NDF: 61303.4/83

- sign 22.611 $\pm$ 0.003 χ^2 /NDF: 31052.5/41

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 60.929 $\pm$ 80.431 χ^2 /NDF: 7.2/16

Left Out: 18.889 $\pm$ 48.017 χ^2 /NDF: 7.7/24

Right Out: 3.845 $\pm$ 70.561 χ^2 /NDF: 5.2/18

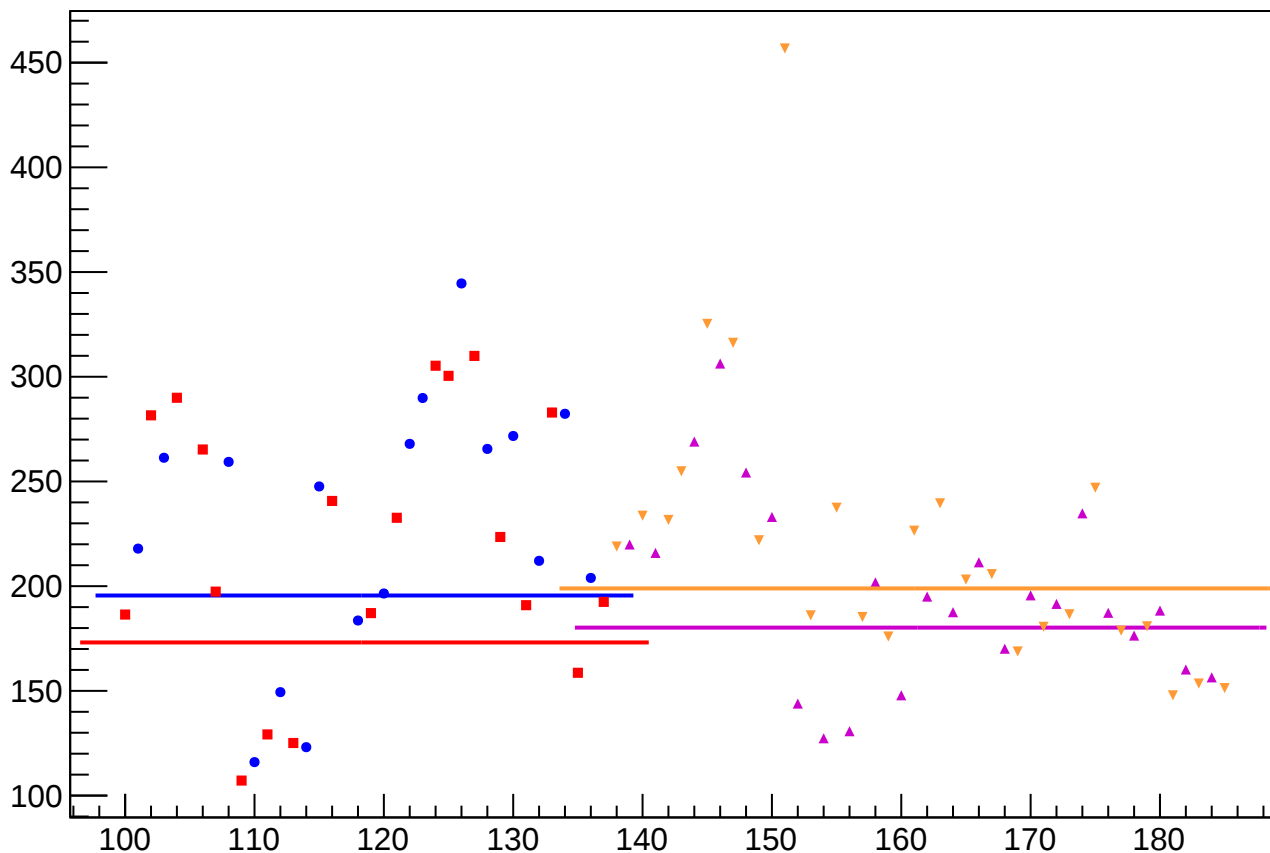
Left In: -35.046 $\pm$ 45.063 χ^2 /NDF: 6.3/22

+ sign 29.936 $\pm$ 41.229 χ^2 /NDF: 15.1/41

All: 0.877 $\pm$ 27.934 χ^2 /NDF: 27.7/83

- sign -23.779 $\pm$ 37.979 χ^2 /NDF: 11.7/41

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.543 $\pm$ 0.057 χ^2 /NDF: 1006207.5/16

Left Out: 198.916 $\pm$ 0.034 χ^2 /NDF:1761362.5/24

Right Out: 173.124 $\pm$ 0.050 χ^2 /NDF: 1572874.3/18

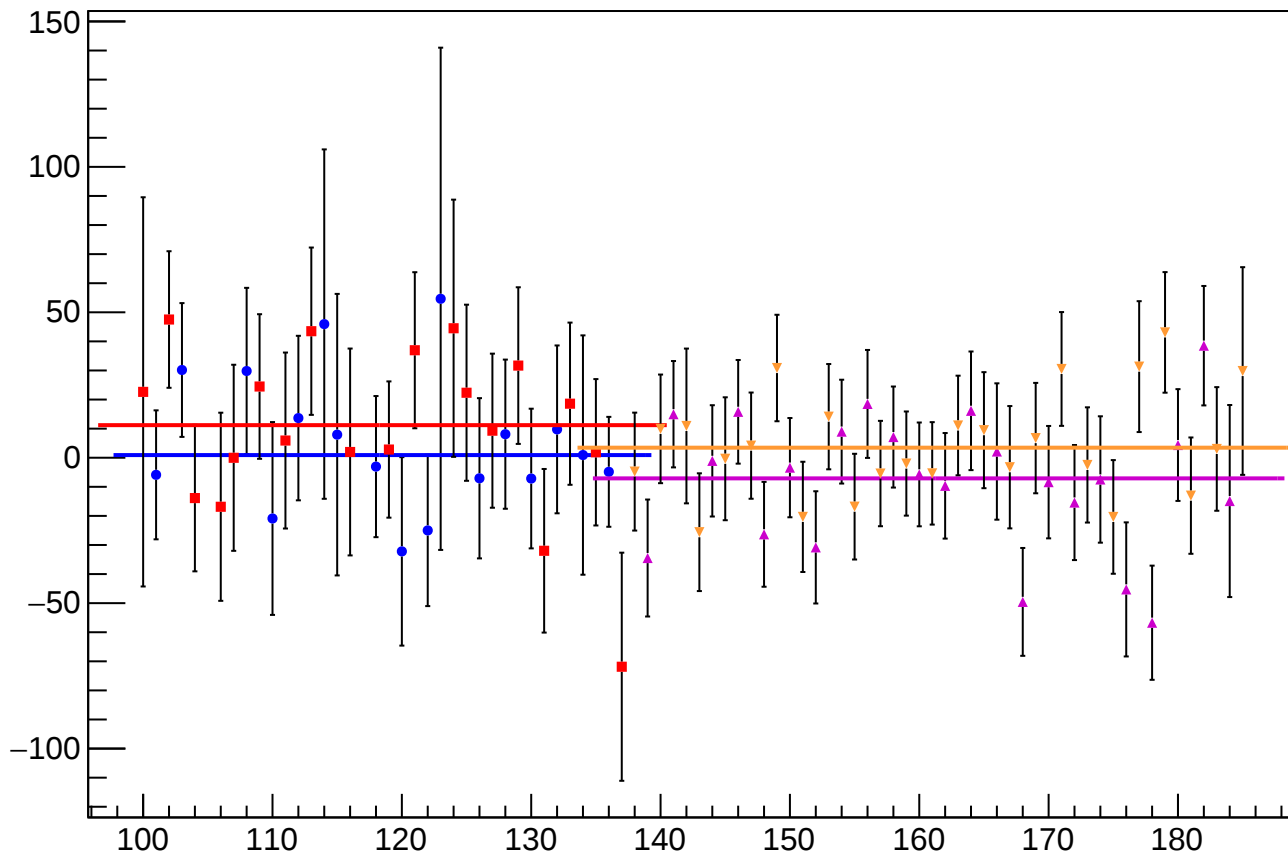
Left In: 180.207 $\pm$ 0.032 χ^2 /NDF:1589005.4/22

+ sign 198.029 $\pm$ 0.029 χ^2 /NDF: 2770161.9/41

All: 187.278 $\pm$ 0.020 χ^2 /NDF: 6197759.2/83

- sign 178.155 $\pm$ 0.027 χ^2 /NDF: 3176193.2/41

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.909 ± 6.829 χ^2/NDF : 6.9/16

Left Out: 3.453 ± 3.947 χ^2/NDF : 18.8/24

Right Out: 11.200 ± 6.644 χ^2/NDF : 15.3/18

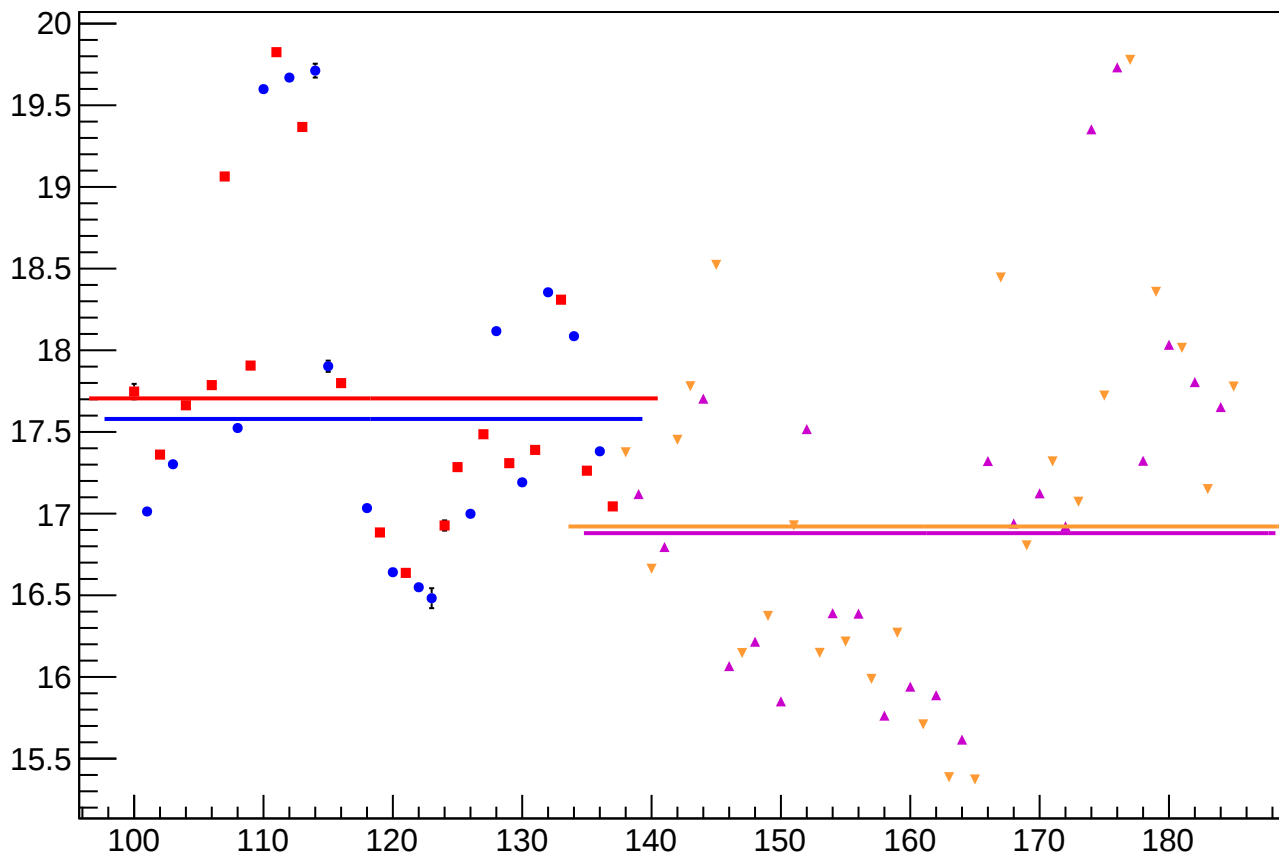
Left In: -7.099 ± 4.047 χ^2/NDF : 32.5/22

+ sign 2.816 ± 3.418 χ^2/NDF : 25.7/41

All: 0.363 ± 2.430 χ^2/NDF : 80.2/83

- sign -2.146 ± 3.457 χ^2/NDF : 53.4/41

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.580 $\pm$ 0.005 χ^2 /NDF: 32962.1/16

Left Out: 16.921 $\pm$ 0.003 χ^2 /NDF: 138982.7/24

Right Out: 17.705 $\pm$ 0.005 χ^2 /NDF: 30276.7/18

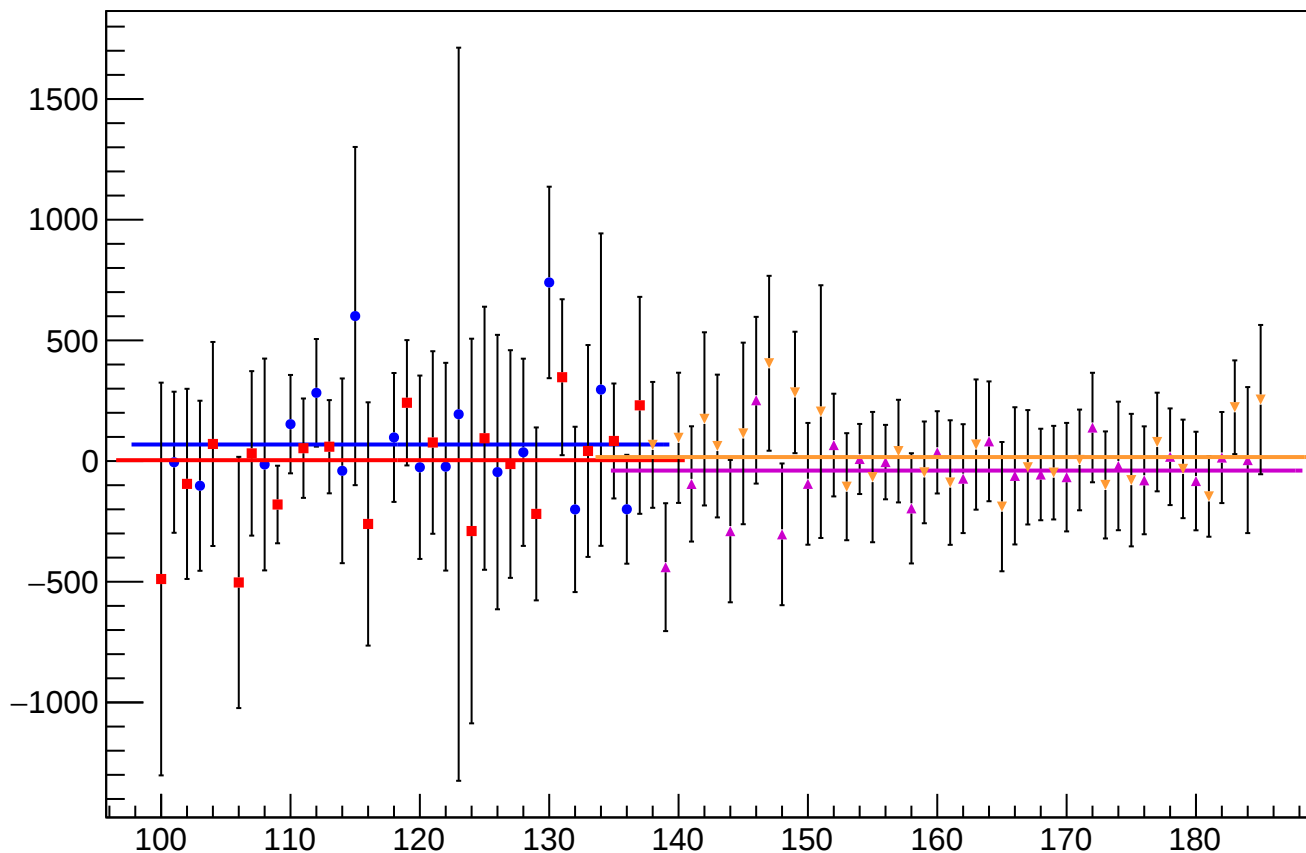
Left In: 16.880 $\pm$ 0.003 χ^2 /NDF: 121736.1/22

+ sign 17.086 $\pm$ 0.002 χ^2 /NDF: 185873.9/41

All: 17.095 $\pm$ 0.002 χ^2 /NDF: 360406.7/83

- sign 17.104 $\pm$ 0.002 χ^2 /NDF: 174506.6/41

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 68.625 $\pm$ 81.256 χ^2 /NDF: 7.3/16

Left Out: 16.570 $\pm$ 48.515 χ^2 /NDF: 7.5/24

Right Out: 3.617 $\pm$ 71.551 χ^2 /NDF: 6.1/18

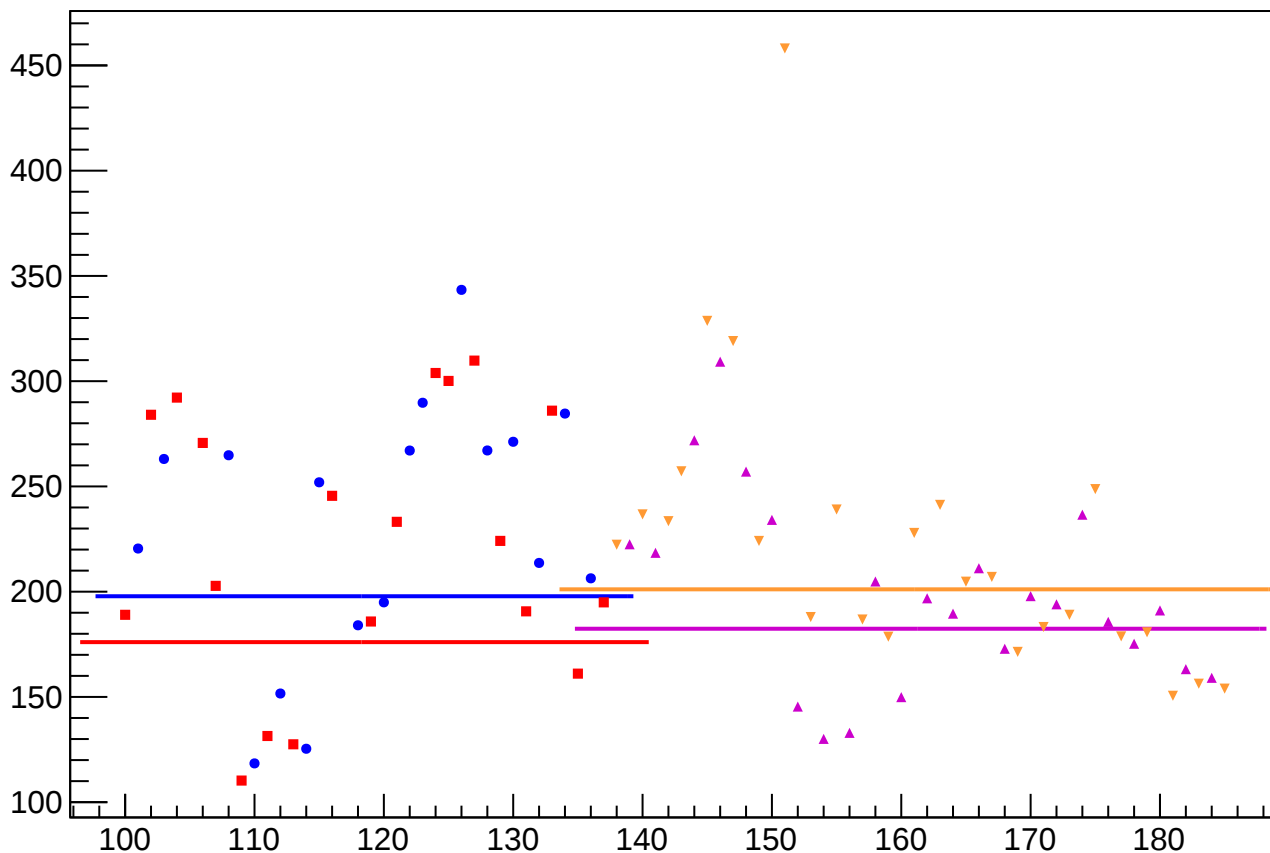
Left In: -39.377 $\pm$ 45.571 χ^2 /NDF: 6.9/22

+ sign 30.250 $\pm$ 41.655 χ^2 /NDF: 15.1/41

All: -0.655 $\pm$ 28.248 χ^2 /NDF: 29.3/83

- sign -26.970 $\pm$ 38.437 χ^2 /NDF: 13.2/41

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.832 $\pm$ 0.057 χ^2 /NDF: 971081.8/16

Left Out: 201.115 $\pm$ 0.034 χ^2 /NDF:1730045.0/24

Right Out: 176.036 $\pm$ 0.051 χ^2 /NDF: 1514906.1/18

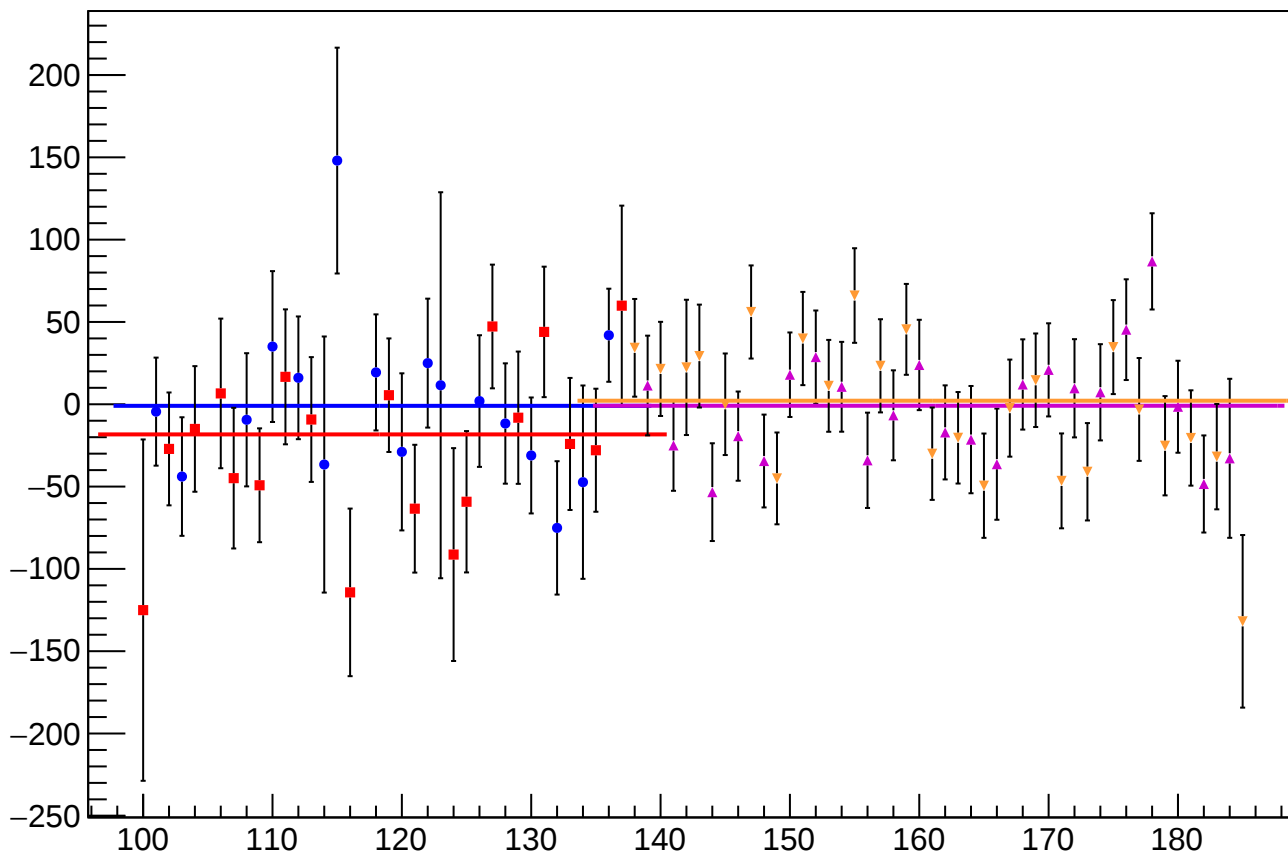
Left In: 182.396 $\pm$ 0.032 χ^2 /NDF:1548907.7/22

+ sign 200.252 $\pm$ 0.029 χ^2 /NDF: 2703534.2/41

All: 189.617 $\pm$ 0.020 χ^2 /NDF: 6019991.4/83

- sign 180.561 $\pm$ 0.027 χ^2 /NDF: 3075054.2/41

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -0.953 ± 9.909 χ^2/NDF : 15.5/16

Left Out: 2.159 ± 5.971 χ^2/NDF : 39.2/24

Right Out: -18.305 ± 9.519 χ^2/NDF : 18.3/18

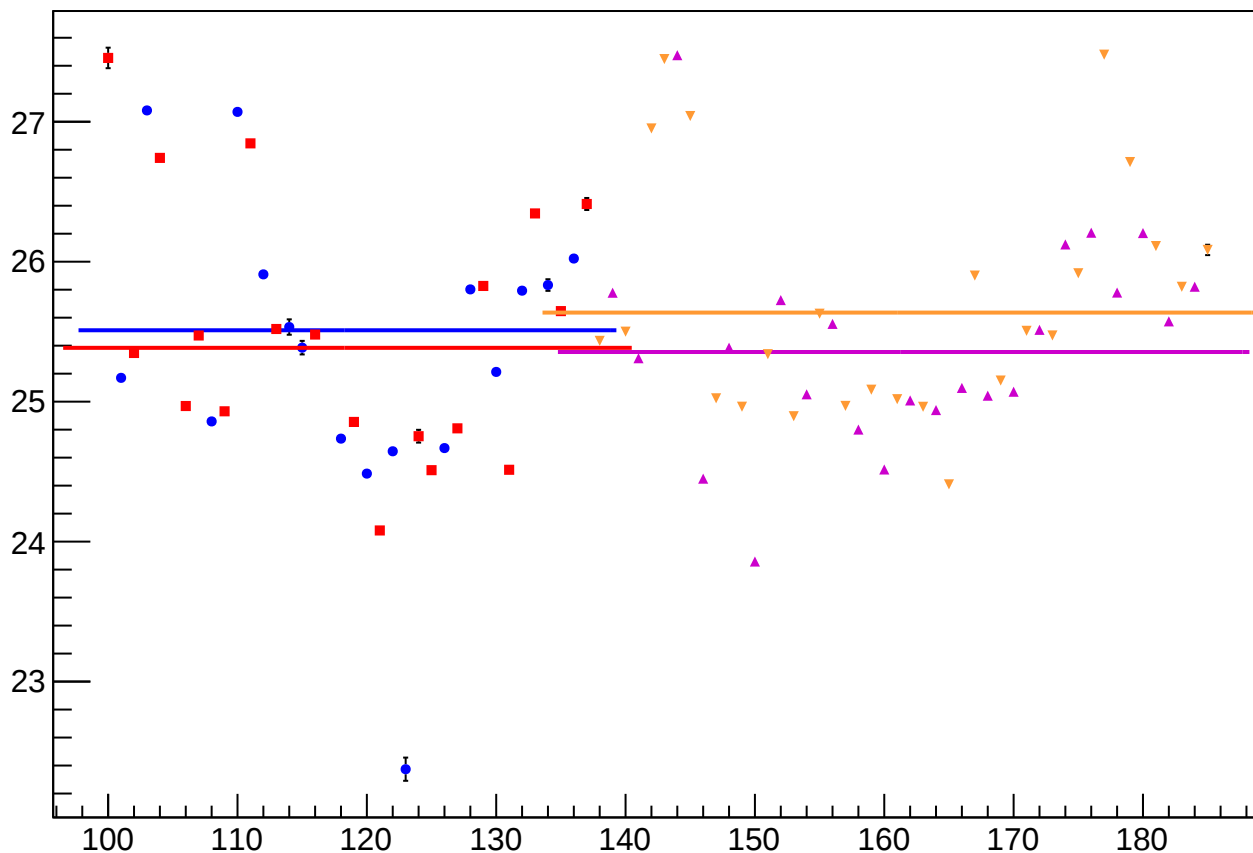
Left In: -0.900 ± 6.069 χ^2/NDF : 27.1/22

+ sign 1.330 ± 5.114 χ^2/NDF : 54.8/41

All: -2.298 ± 3.618 χ^2/NDF : 103.5/83

- sign -5.931 ± 5.118 χ^2/NDF : 47.7/41

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.510 $\pm$ 0.007 χ^2 /NDF: 13357.4/16

Left Out: 25.636 $\pm$ 0.004 χ^2 /NDF: 35137.0/24

Right Out: 25.385 $\pm$ 0.007 χ^2 /NDF: 13669.3/18

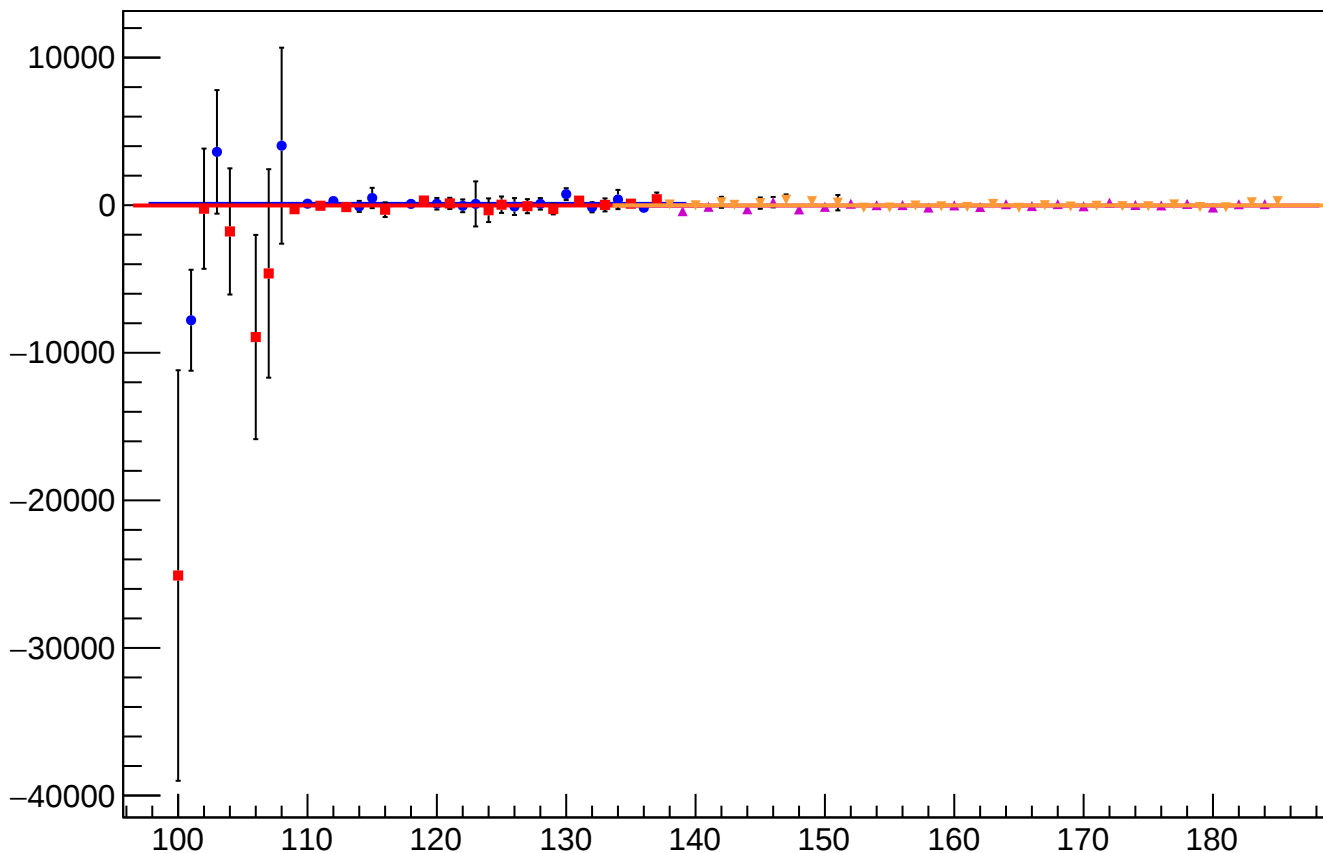
Left In: 25.355 $\pm$ 0.004 χ^2 /NDF: 29766.2/22

+ sign 25.603 $\pm$ 0.004 χ^2 /NDF: 48733.0/41

All: 25.483 $\pm$ 0.003 χ^2 /NDF: 94371.8/83

- sign 25.363 $\pm$ 0.004 χ^2 /NDF: 43449.4/41

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 88.017 $\pm$ 88.732 χ^2 /NDF: 12.6/16

Left Out: -12.869 $\pm$ 48.227 χ^2 /NDF: 7.9/24

Right Out: -19.598 $\pm$ 80.969 χ^2 /NDF: 12.0/18

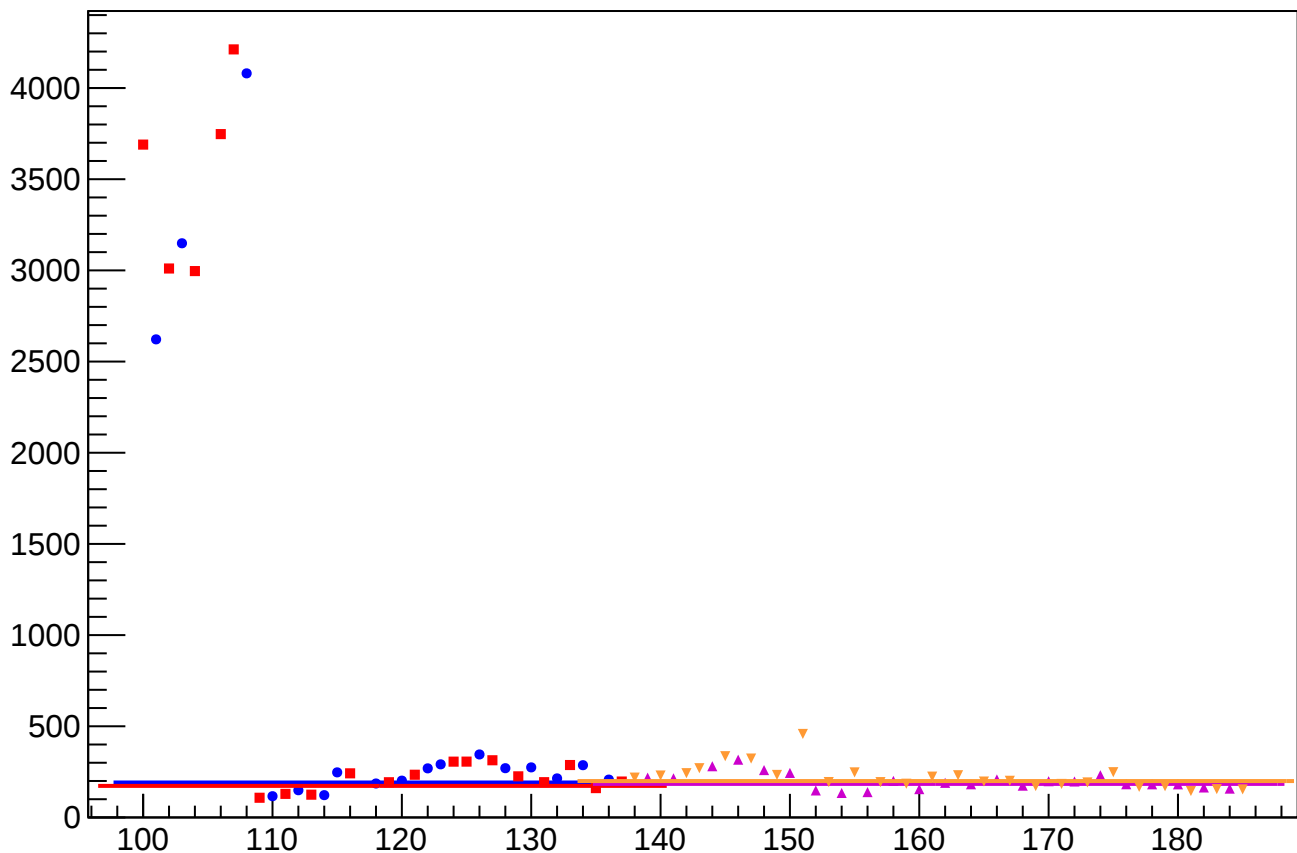
Left In: -26.836 $\pm$ 45.876 χ^2 /NDF: 7.5/22

+ sign 10.138 $\pm$ 42.373 χ^2 /NDF: 21.4/41

All: -8.521 $\pm$ 29.054 χ^2 /NDF: 41.3/83

- sign -25.077 $\pm$ 39.914 χ^2 /NDF: 19.5/41

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 191.711 $\pm$ 0.063 χ^2 /NDF: 3575897.6/16

Left Out: 199.557 $\pm$ 0.034 χ^2 /NDF:1879675.6/24

+ sign 197.768 $\pm$ 0.030 χ^2 /NDF: 5467644.2/41

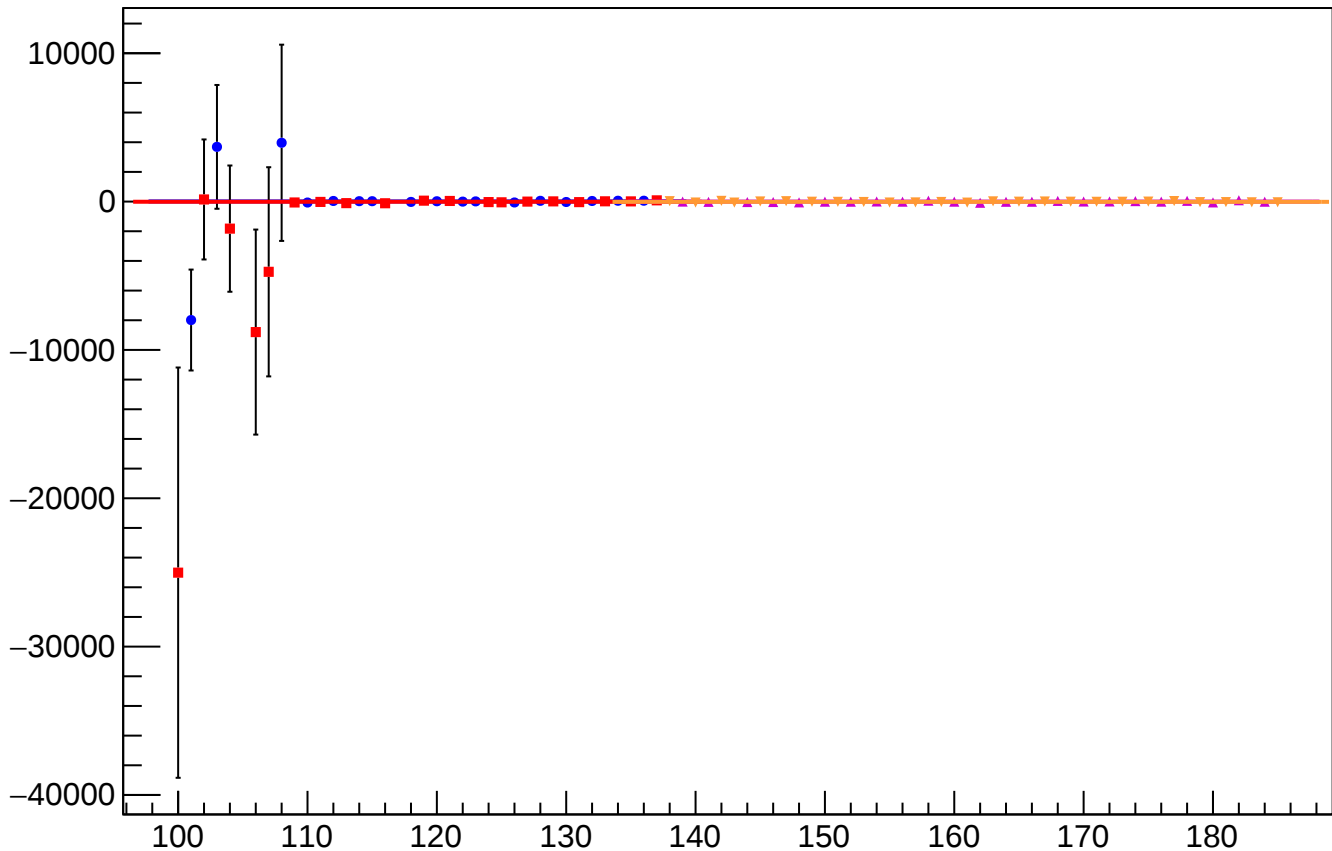
Right Out: 173.097 $\pm$ 0.057 χ^2 /NDF: 4201745.6/18

All: 189.082 $\pm$ 0.021 χ^2 /NDF: 11279077.5/83

Left In: 184.031 $\pm$ 0.032 χ^2 /NDF:1423454.3/22

- sign 181.374 $\pm$ 0.028 χ^2 /NDF: 5652812.1/41

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: 10.697+/-12.319 χ^2/NDF : 19.0/16

Left Out: -17.649+/-6.694 χ^2/NDF : 22.4/24

Right Out: -11.602+/-12.269 χ^2/NDF : 24.3/18

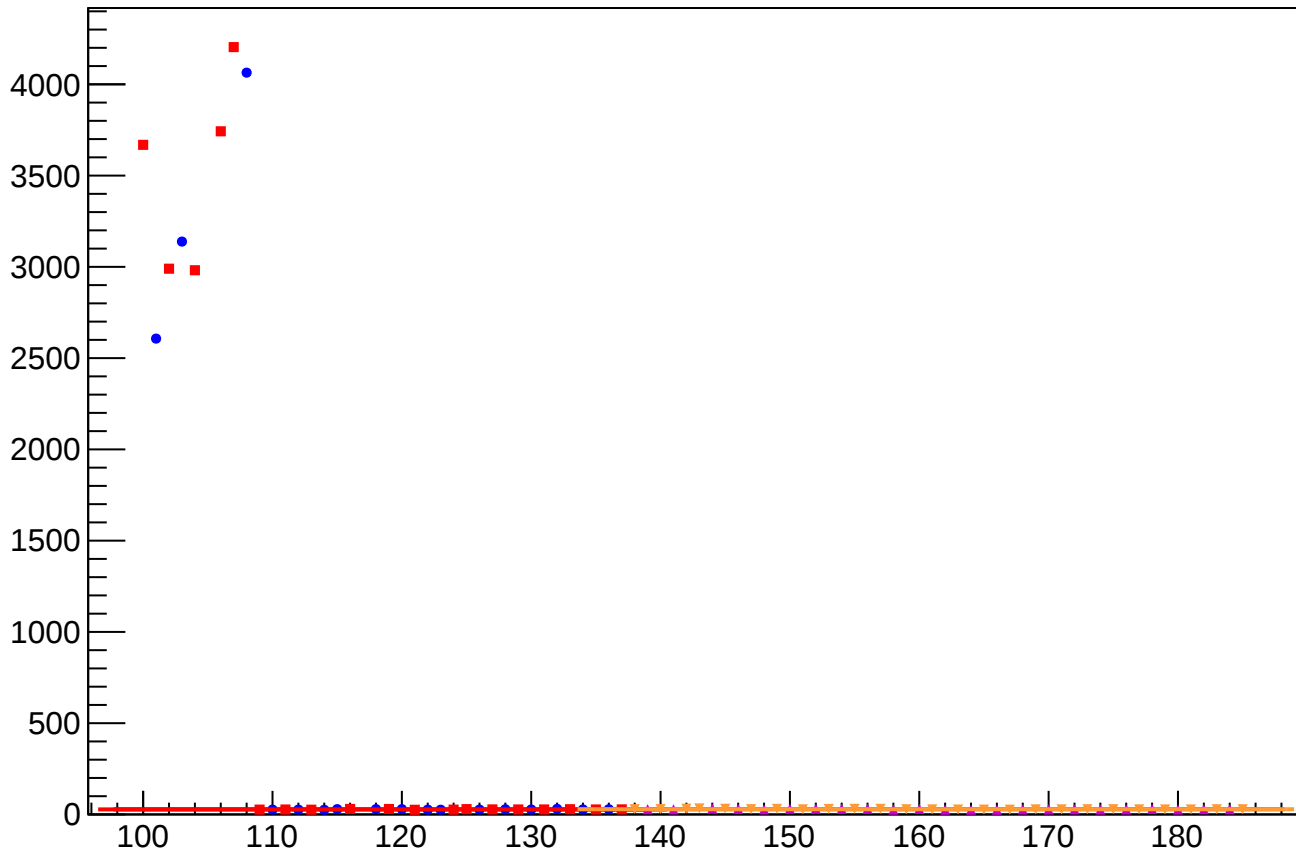
Left In: -1.038+/-6.880 χ^2/NDF : 32.4/22

+ sign -11.187+/-5.882 χ^2/NDF : 45.5/41

All: -7.452+/-4.201 χ^2/NDF : 103.5/83

- sign -3.565+/-6.001 χ^2/NDF : 57.3/41

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.874 $\pm$ 0.009 χ^2 /NDF: 3027804.9/16

Left Out: 28.691 $\pm$ 0.005 χ^2 /NDF: 110483.7/24

Right Out: 27.715 $\pm$ 0.009 χ^2 /NDF: 3476945.4/18

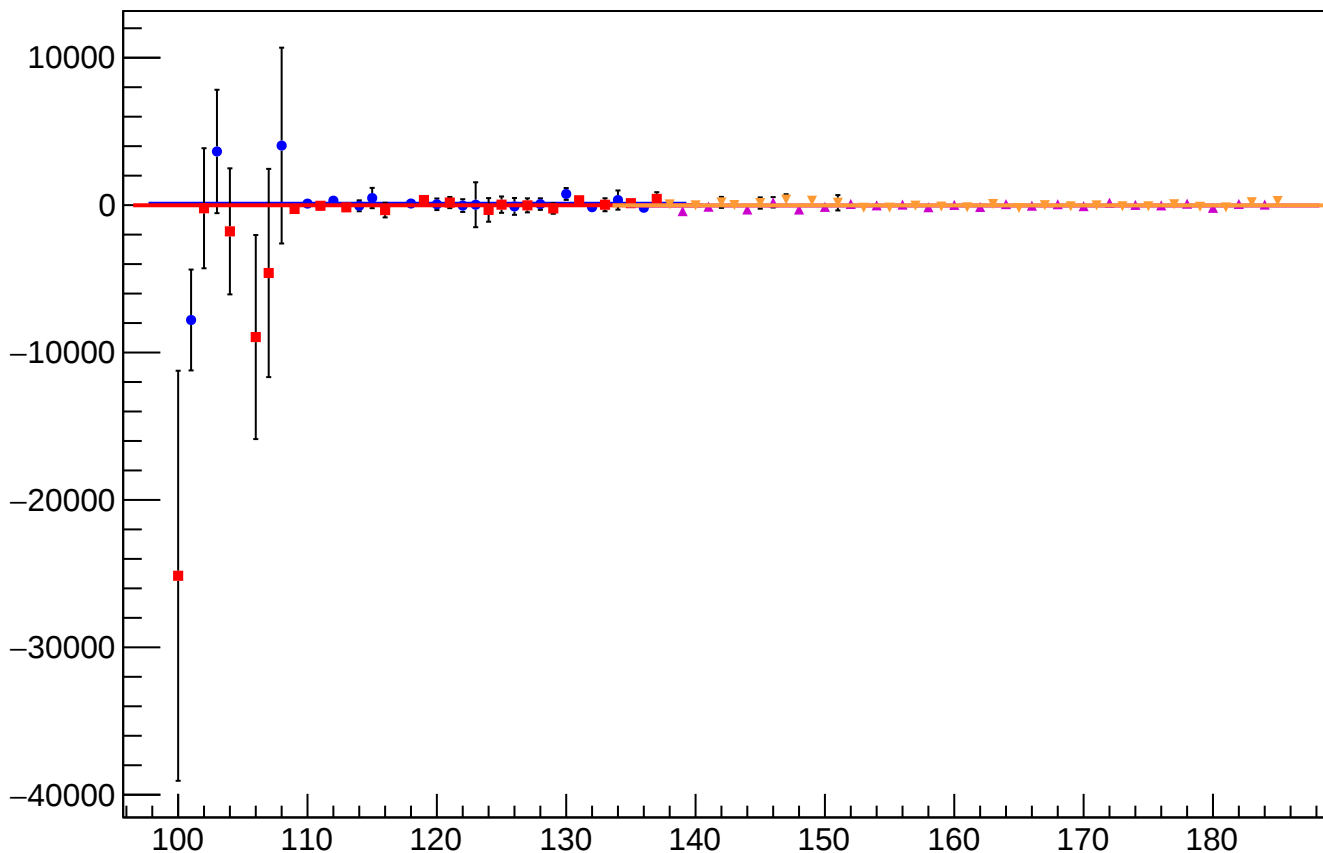
Left In: 28.673 $\pm$ 0.005 χ^2 /NDF: 124751.4/22

+ sign 28.505 $\pm$ 0.004 χ^2 /NDF: 3145079.2/41

All: 28.475 $\pm$ 0.003 χ^2 /NDF: 6756161.2/83

- sign 28.443 $\pm$ 0.004 χ^2 /NDF: 3610976.5/41

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 93.587+/-88.455 χ^2/NDF : 12.8/16

Left Out: -15.519+/-48.120 χ^2/NDF : 8.7/24

Right Out: -9.682+/-80.708 χ^2/NDF : 12.8/18

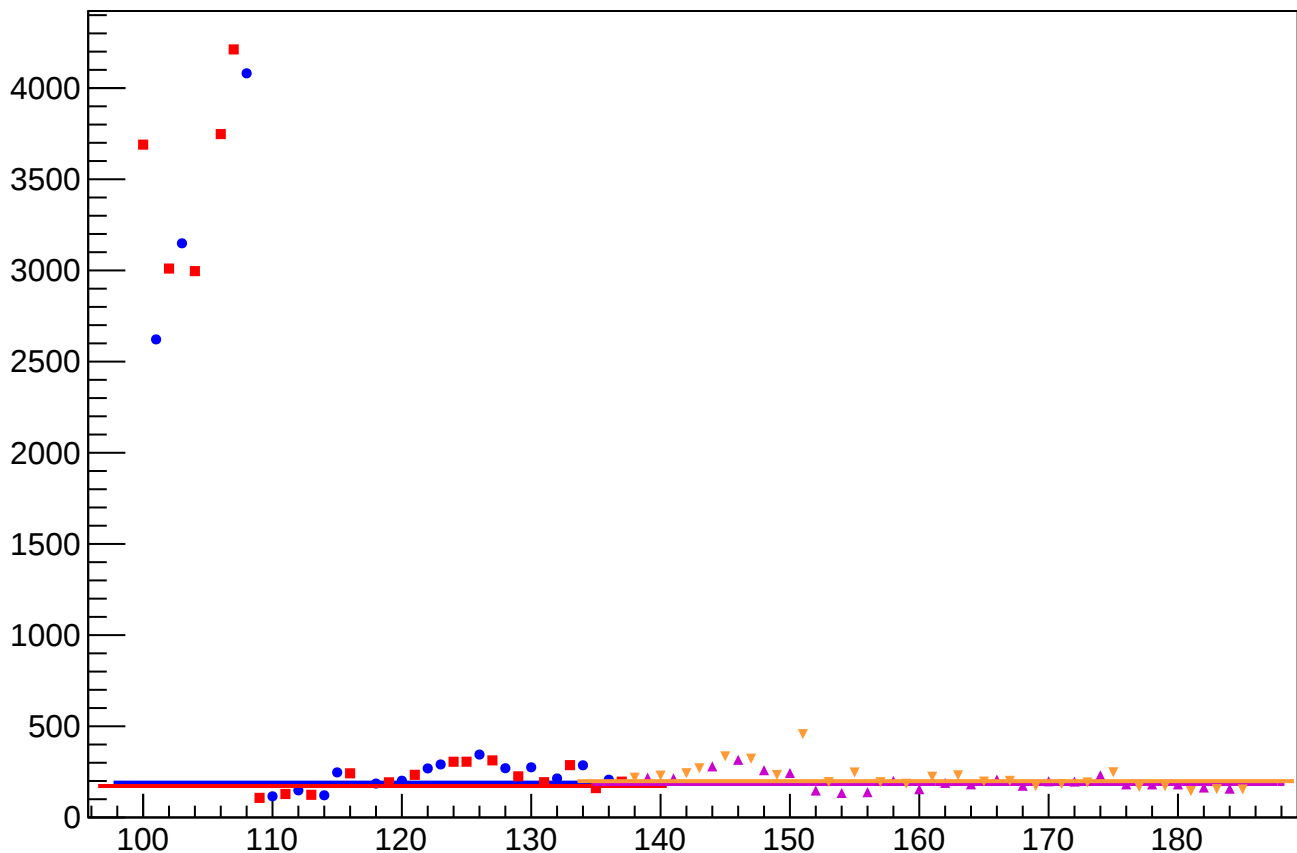
Left In: -27.009+/-45.785 χ^2/NDF : 7.8/22

+ sign 9.397+/-42.270 χ^2/NDF : 22.6/41

All: -7.656+/-28.986 χ^2/NDF : 43.5/83

- sign -22.791+/-39.823 χ^2/NDF : 20.6/41

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 190.997 $\pm$ 0.063 χ^2 /NDF: 3587805.7/16

Left Out: 199.115 $\pm$ 0.034 χ^2 /NDF: 1879477.4/24

Right Out: 172.430 $\pm$ 0.057 χ^2 /NDF: 4212918.4/18

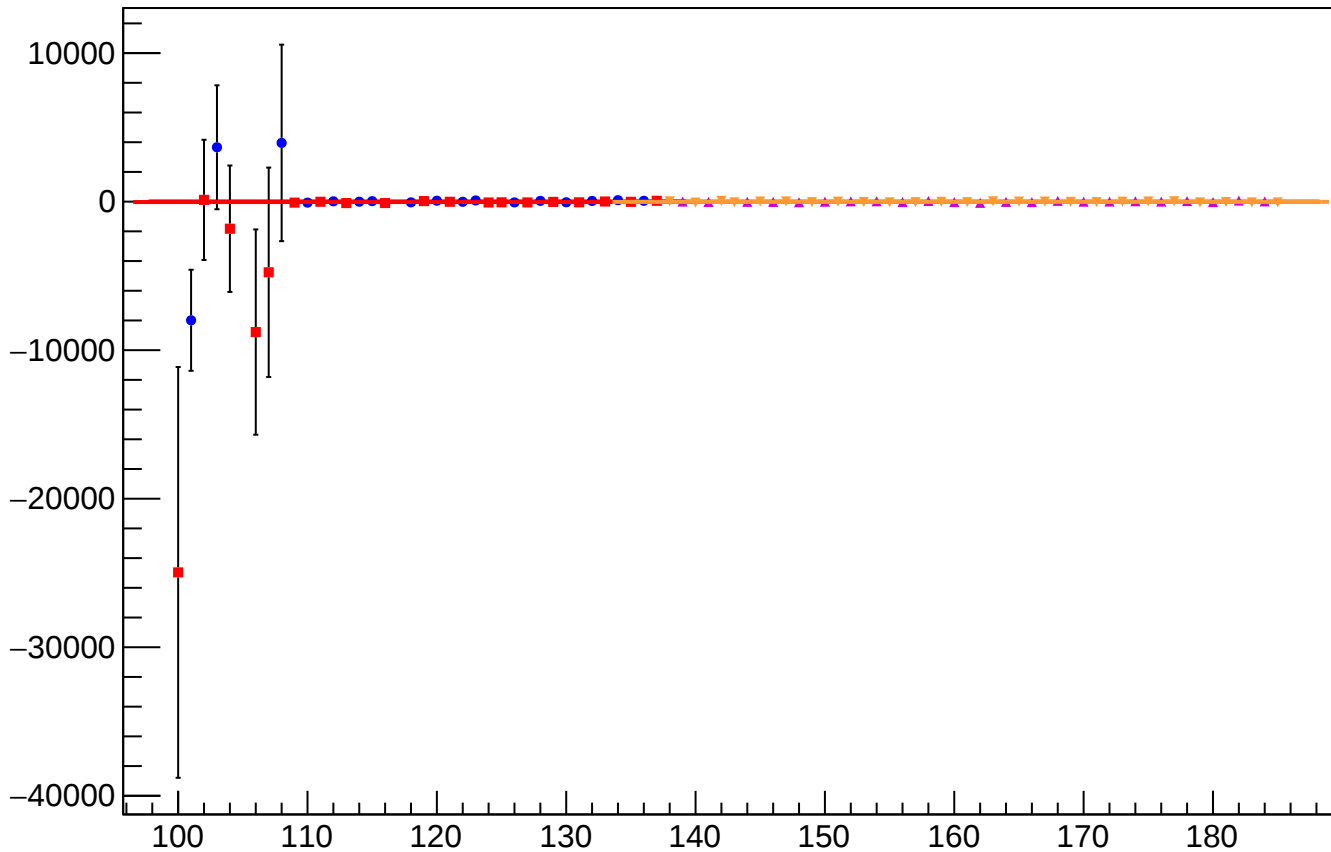
Left In: 183.667 $\pm$ 0.032 χ^2 /NDF: 1422895.7/22

+ sign 197.262 $\pm$ 0.030 χ^2 /NDF: 5480282.2/41

All: 188.610 $\pm$ 0.020 χ^2 /NDF: 11303569.3/83

- sign 180.931 $\pm$ 0.028 χ^2 /NDF: 5665146.5/41

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: 7.963+/-12.403 χ^2 /NDF: 22.9/16

Left Out: -15.083+/-6.724 χ^2 /NDF:17.6/24

Right Out: -28.182+/-12.369 χ^2 /NDF: 16.5/18

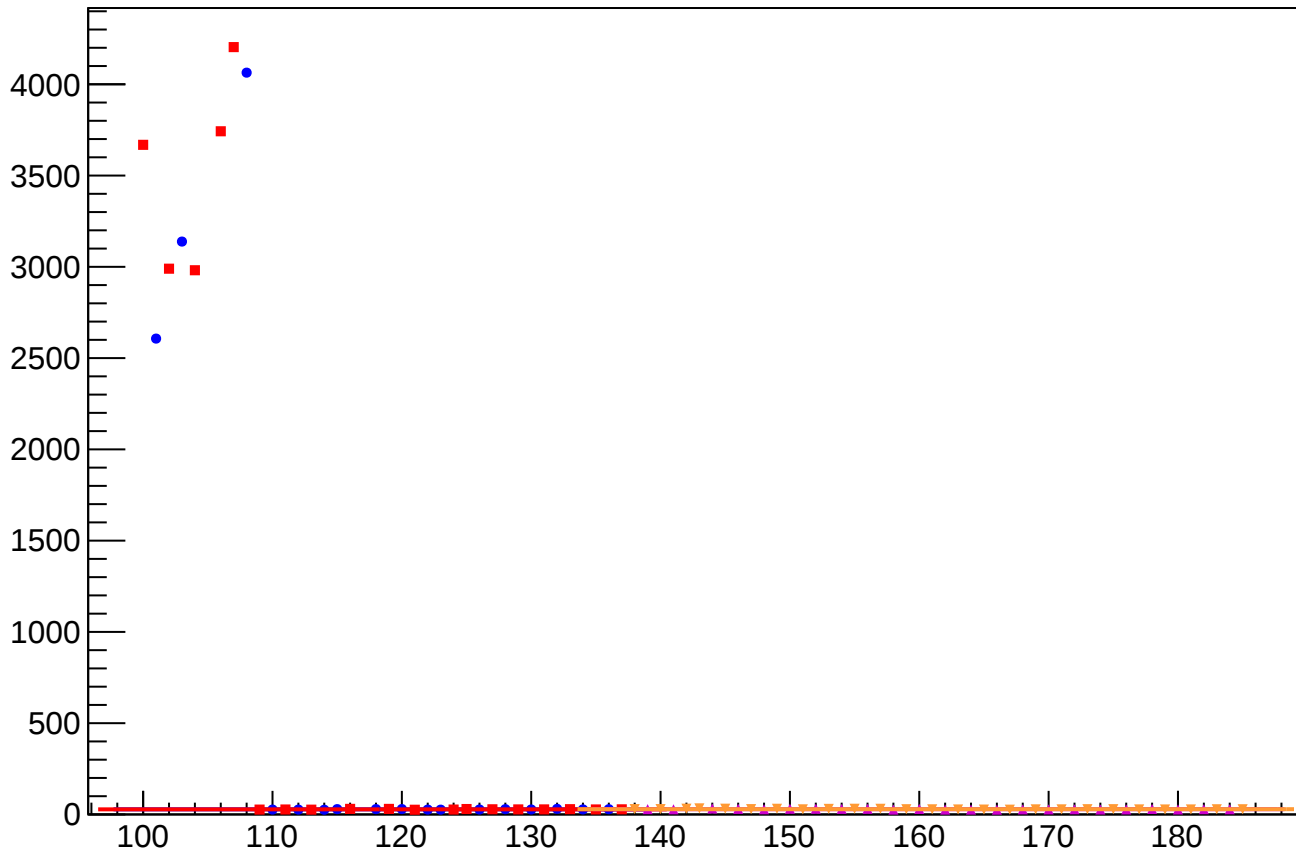
Left In: 0.702+/-6.909 χ^2 /NDF:26.4/22

+ sign -9.848+/-5.911 χ^2 /NDF: 43.1/41

All: -8.044+/-4.222 χ^2 /NDF: 90.3/83

- sign -6.166+/-6.032 χ^2 /NDF: 47.0/41

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 28.059+/-0.009 χ^2/NDF : 3028297.0/16

Left Out: 28.813+/-0.005 χ^2/NDF : 121972.7/24

Right Out: 27.935+/-0.009 χ^2/NDF : 3479859.0/18

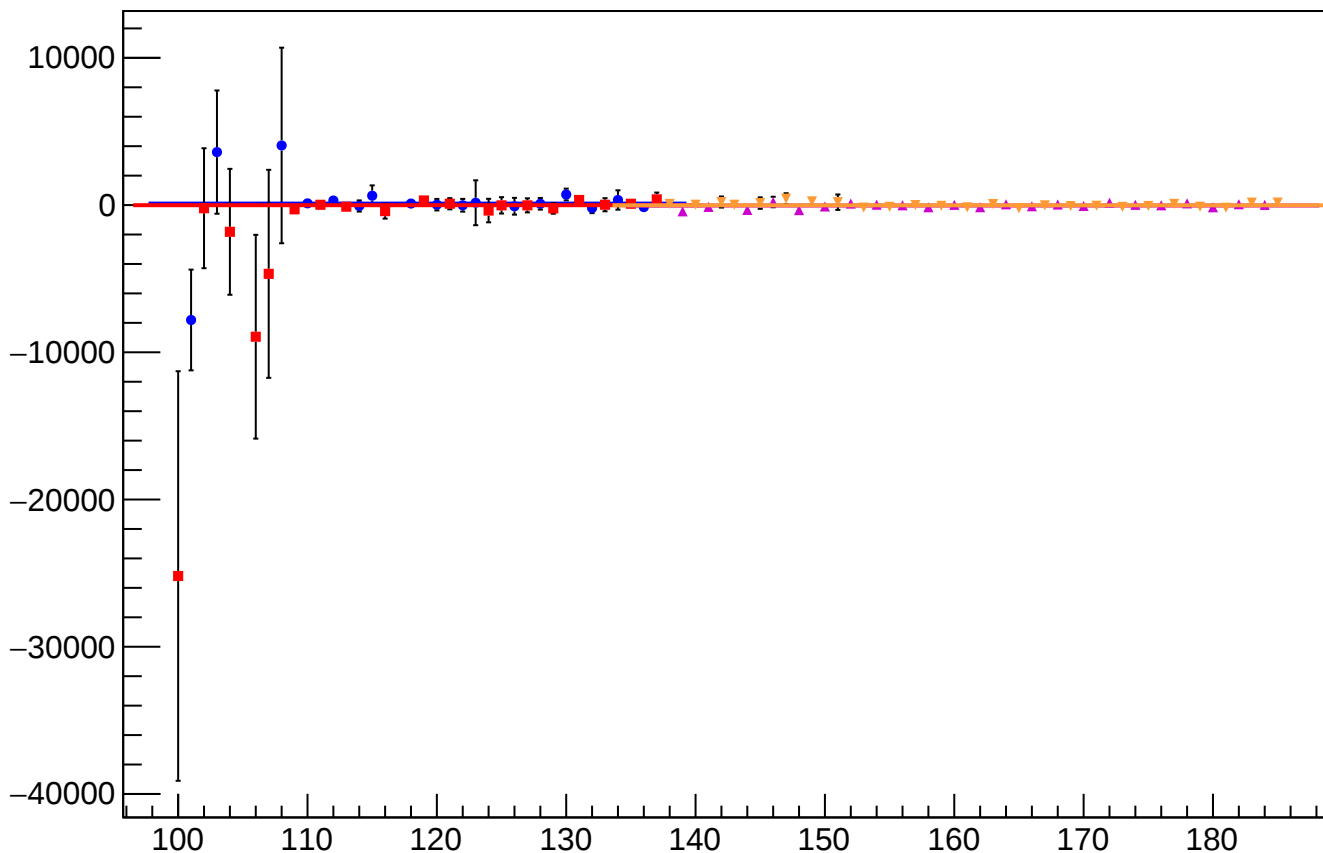
Left In: 28.792+/-0.005 χ^2/NDF : 129393.1/22

+ sign 28.642+/-0.004 χ^2/NDF : 3155979.7/41

All: 28.616+/-0.003 χ^2/NDF : 6772629.3/83

- sign 28.589+/-0.004 χ^2/NDF : 3616571.2/41

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 99.706 $\pm$ 89.513 χ^2 /NDF: 12.6/16

Left Out: -15.264 $\pm$ 48.699 χ^2 /NDF: 8.0/24

Right Out: -8.453 $\pm$ 81.796 χ^2 /NDF: 12.3/18

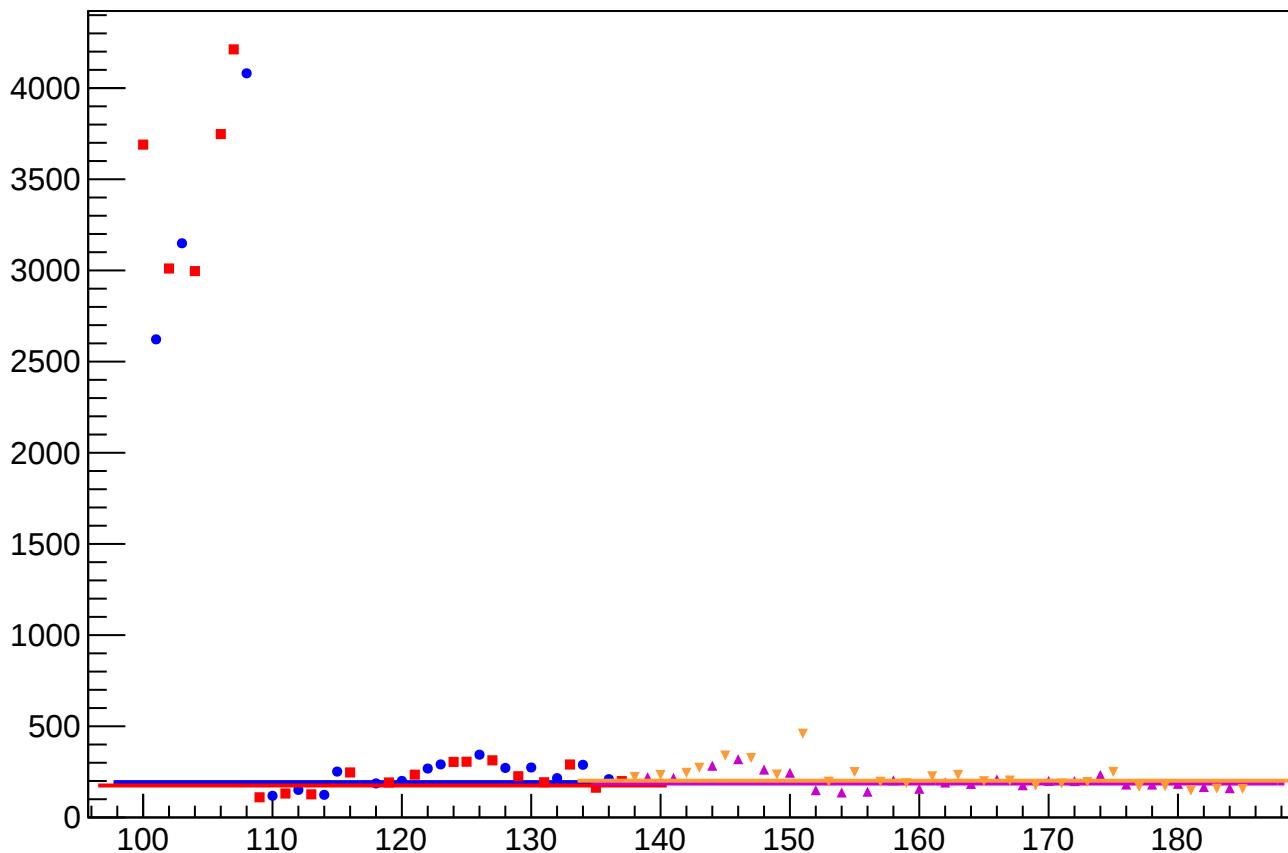
Left In: -31.170 $\pm$ 46.359 χ^2 /NDF: 8.2/22

+ sign 10.994 $\pm$ 42.778 χ^2 /NDF: 21.9/41

All: -8.404 $\pm$ 29.346 χ^2 /NDF: 42.8/83

- sign -25.647 $\pm$ 40.332 χ^2 /NDF: 20.5/41

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 193.748 $\pm$ 0.063 χ^2 /NDF: 3539977.5/16

Left Out: 201.621 $\pm$ 0.034 χ^2 /NDF: 1856618.7/24

Right Out: 175.305 $\pm$ 0.058 χ^2 /NDF: 4160397.0/18

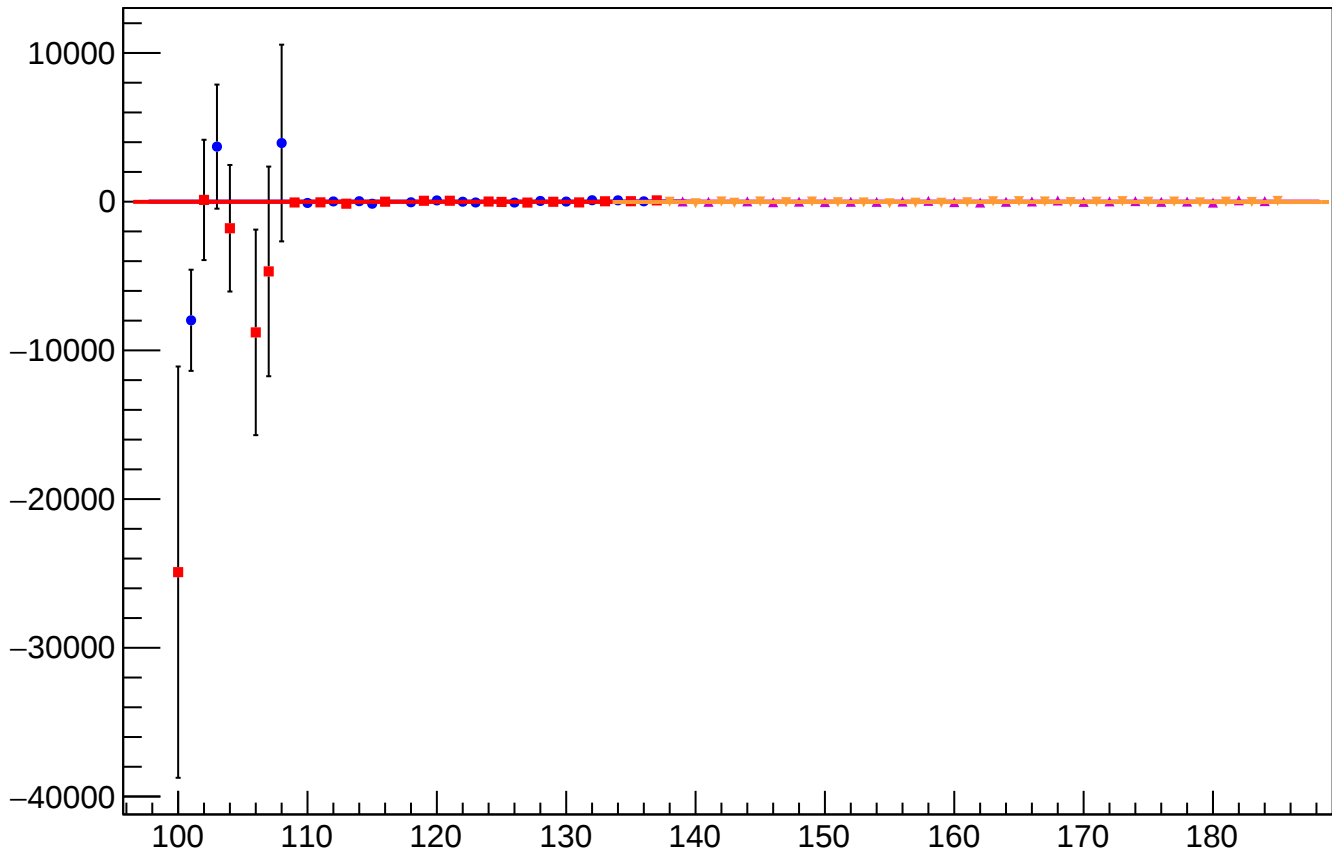
Left In: 186.107 $\pm$ 0.033 χ^2 /NDF: 1391327.2/22

+ sign 199.823 $\pm$ 0.030 χ^2 /NDF: 5408536.5/41

All: 191.171 $\pm$ 0.021 χ^2 /NDF: 11141188.8/83

- sign 183.481 $\pm$ 0.029 χ^2 /NDF: 5578123.0/41

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: 6.968 $\pm$ 15.099 χ^2 /NDF: 20.2/16

Left Out: -23.607 $\pm$ 8.065 χ^2 /NDF:25.8/24

Right Out: -11.301 $\pm$ 14.995 χ^2 /NDF: 21.5/18

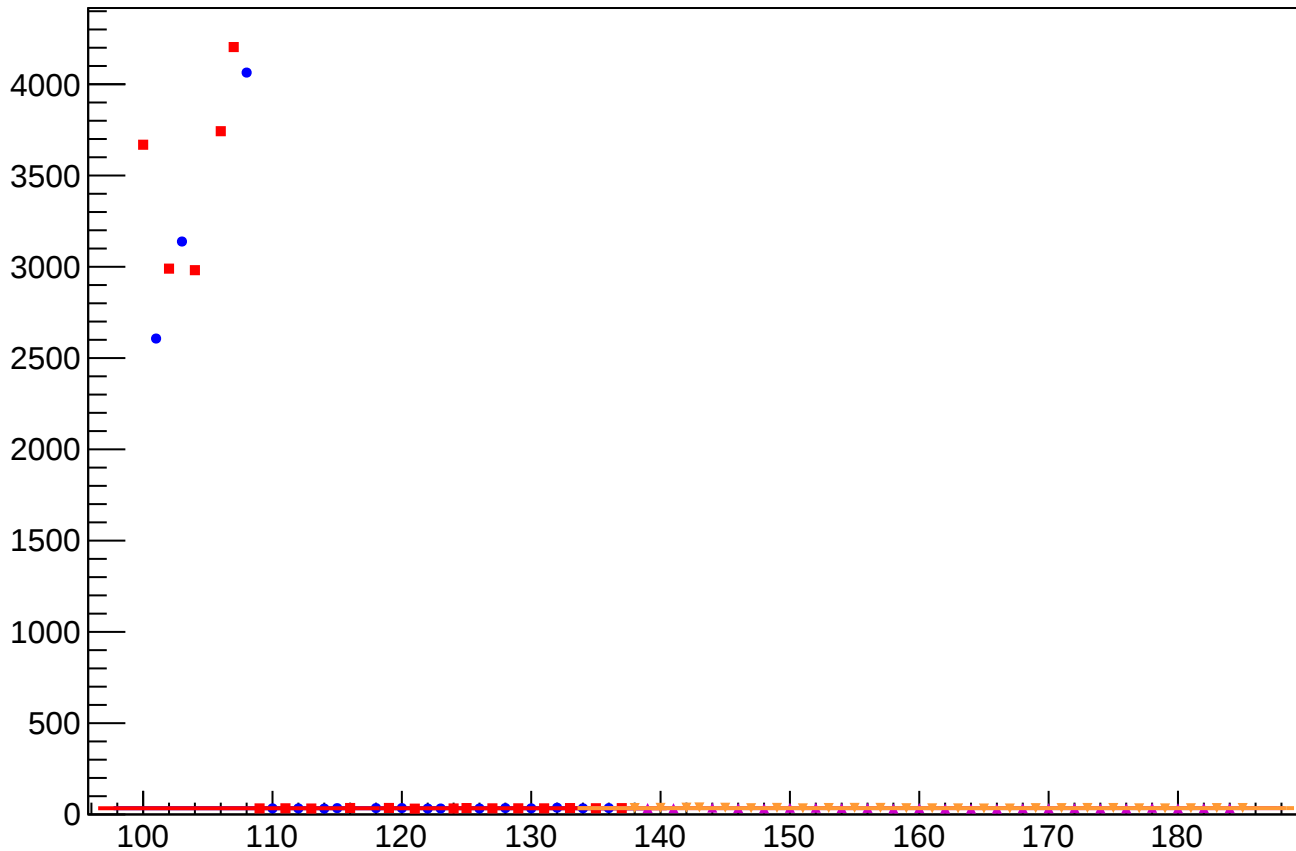
Left In: 6.001 $\pm$ 8.309 χ^2 /NDF:21.1/22

+ sign -16.819 $\pm$ 7.114 χ^2 /NDF: 49.2/41

All: -7.642 $\pm$ 5.084 χ^2 /NDF: 96.2/83

- sign 1.937 $\pm$ 7.268 χ^2 /NDF: 43.6/41

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 34.196 $\pm$ 0.011 χ^2 /NDF: 3006449.1/16

Left Out: 34.614 $\pm$ 0.006 χ^2 /NDF: 57945.0/24

Right Out: 33.933 $\pm$ 0.011 χ^2 /NDF: 3452016.9/18

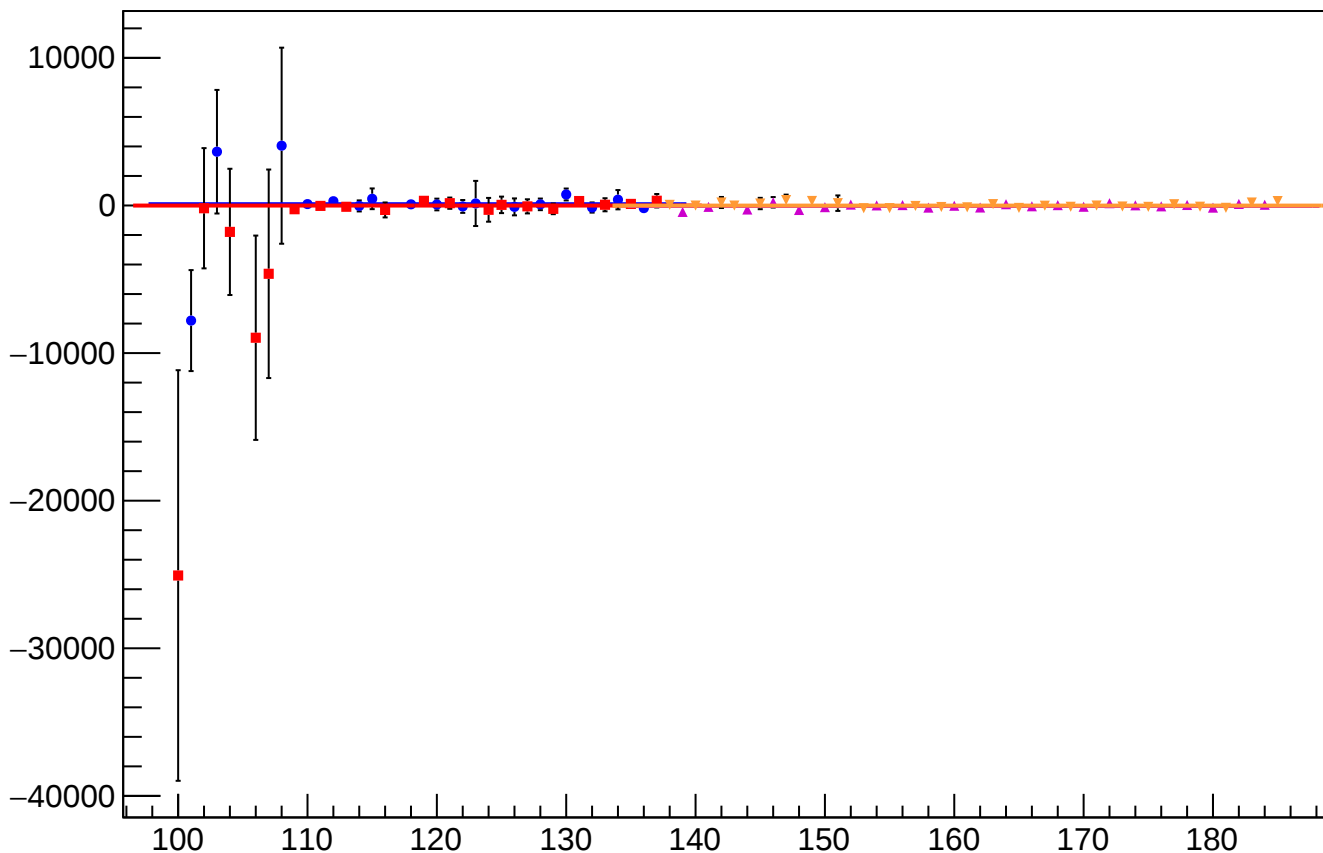
Left In: 34.685 $\pm$ 0.006 χ^2 /NDF: 60315.2/22

+ sign 34.522 $\pm$ 0.005 χ^2 /NDF: 3065585.6/41

All: 34.515 $\pm$ 0.004 χ^2 /NDF: 6581770.8/83

- sign 34.508 $\pm$ 0.005 χ^2 /NDF: 3516181.8/41

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 87.034+/-89.059 χ^2/NDF : 12.5/16

Left Out: -8.805+/-48.626 χ^2/NDF : 8.6/24

Right Out: -5.093+/-81.280 χ^2/NDF : 11.1/18

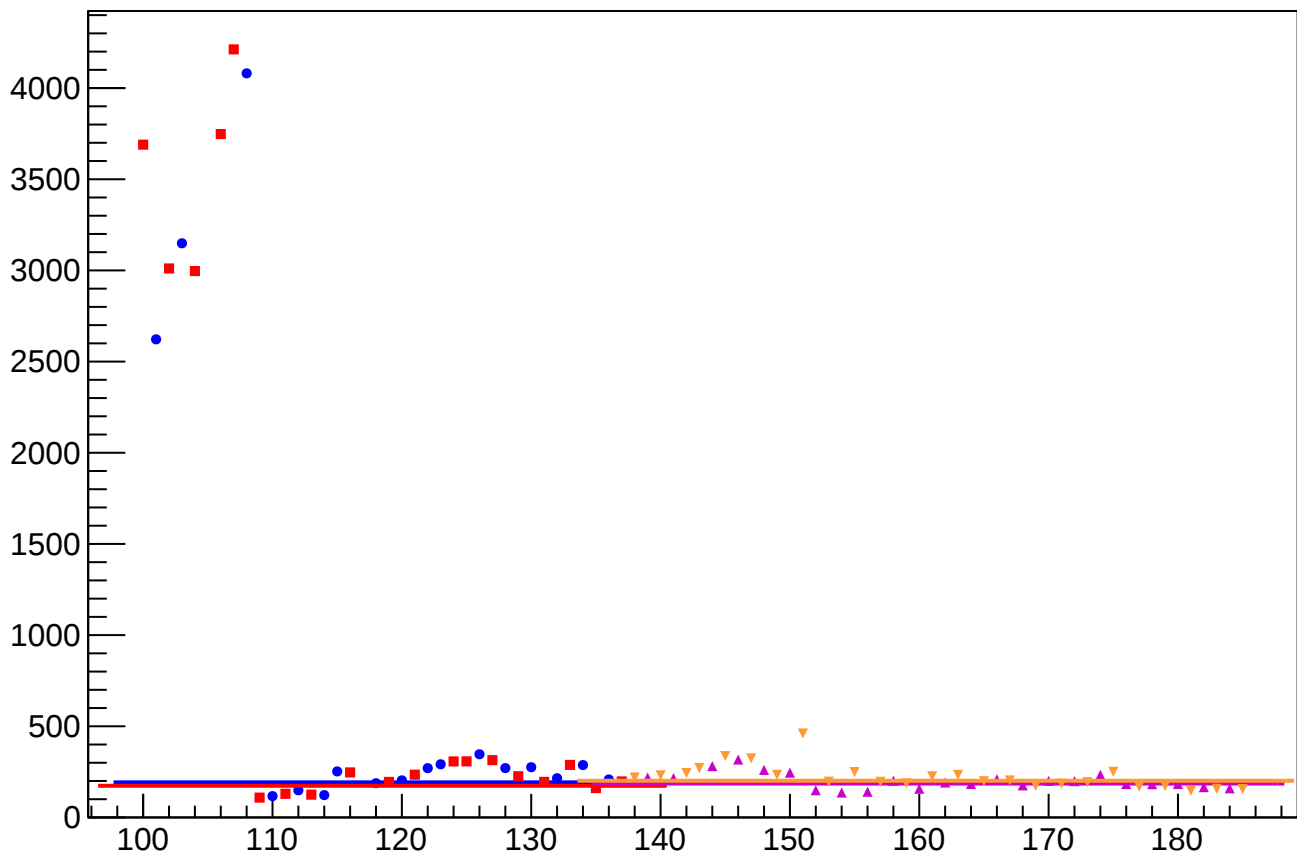
Left In: -34.127+/-46.296 χ^2/NDF : 7.4/22

+ sign 13.205+/-42.679 χ^2/NDF : 22.1/41

All: -8.093+/-29.274 χ^2/NDF : 41.2/83

- sign -27.015+/-40.228 χ^2/NDF : 18.6/41

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 192.416 $\pm$ 0.063 χ^2 /NDF: 3577822.3/16

Left Out: 201.318 $\pm$ 0.034 χ^2 /NDF: 1850289.0/24

Right Out: 173.760 $\pm$ 0.057 χ^2 /NDF: 4205861.6/18

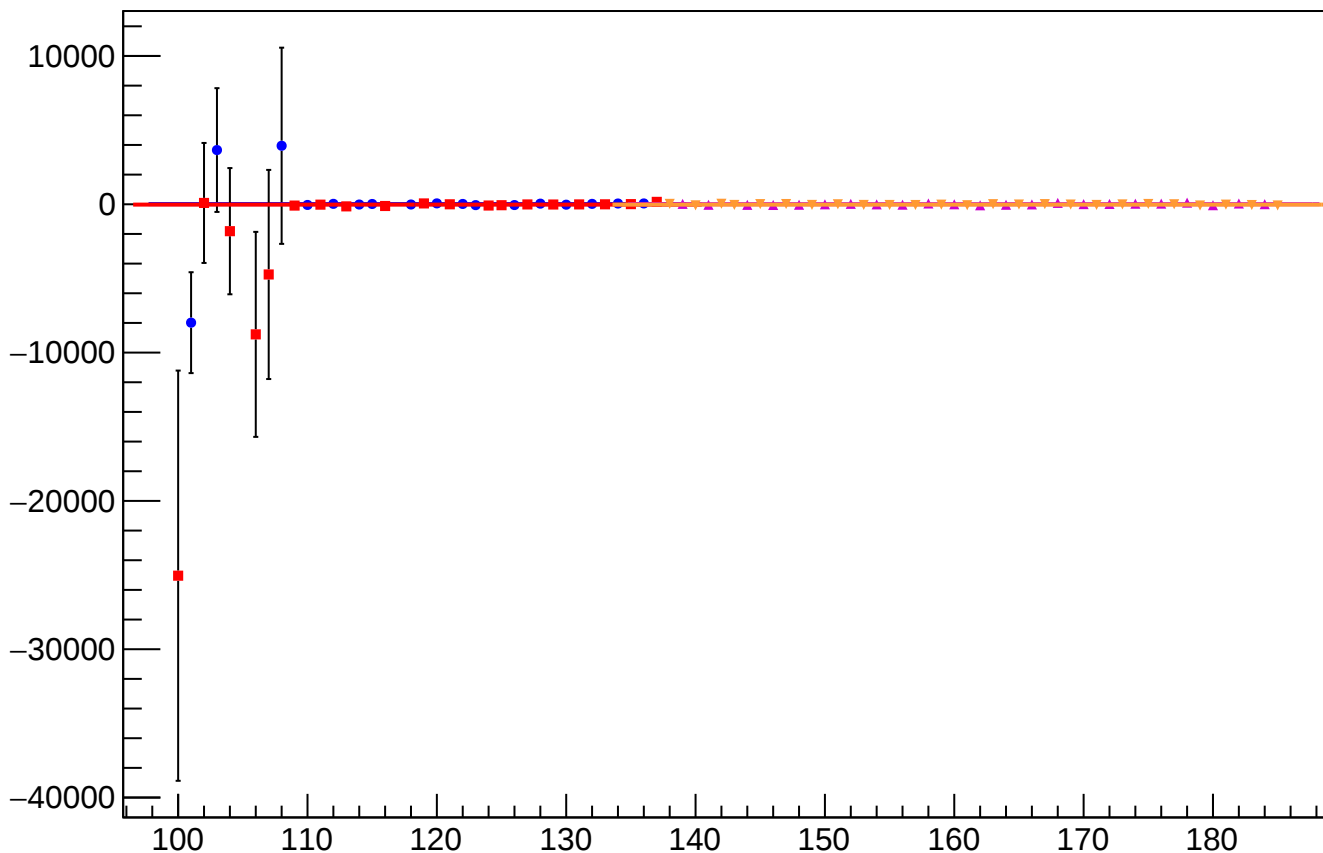
Left In: 185.854 $\pm$ 0.033 χ^2 /NDF: 1381771.9/22

+ sign 199.273 $\pm$ 0.030 χ^2 /NDF: 5443504.5/41

All: 190.599 $\pm$ 0.021 χ^2 /NDF: 11220606.7/83

- sign 182.891 $\pm$ 0.028 χ^2 /NDF: 5621063.6/41

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 12.332+/-13.769 χ^2/NDF : 14.5/16

Left Out: -23.031+/-7.341 χ^2/NDF : 18.9/24

Right Out: -22.098+/-13.701 χ^2/NDF : 27.9/18

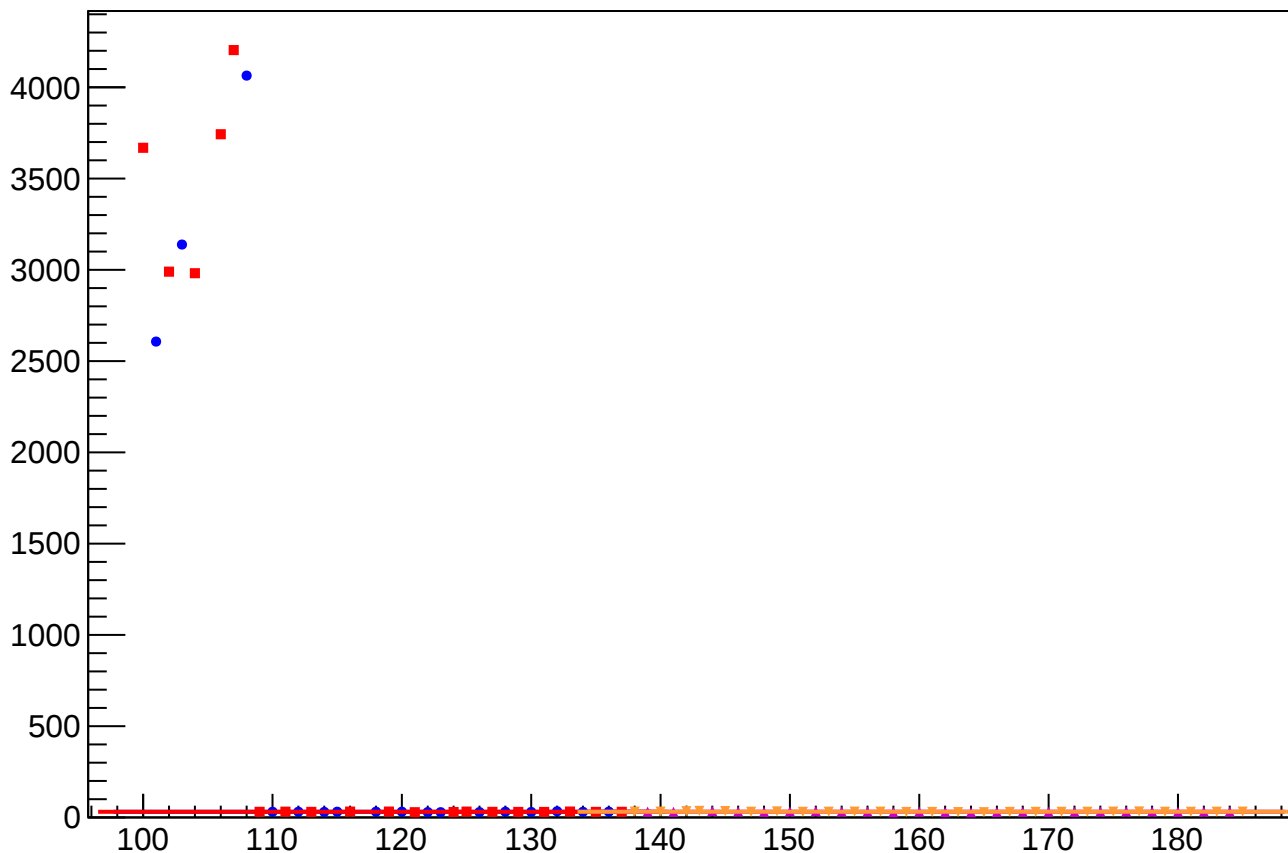
Left In: 5.943+/-7.550 χ^2/NDF : 38.3/22

+ sign -15.204+/-6.478 χ^2/NDF : 38.6/41

All: -8.046+/-4.627 χ^2/NDF : 110.5/83

- sign -0.588+/-6.612 χ^2/NDF : 69.4/41

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.184 $\pm$ 0.010 χ^2 /NDF: 3014248.1/16

Left Out: 31.482 $\pm$ 0.005 χ^2 /NDF: 82438.5/24

Right Out: 30.984 $\pm$ 0.010 χ^2 /NDF: 3458879.7/18

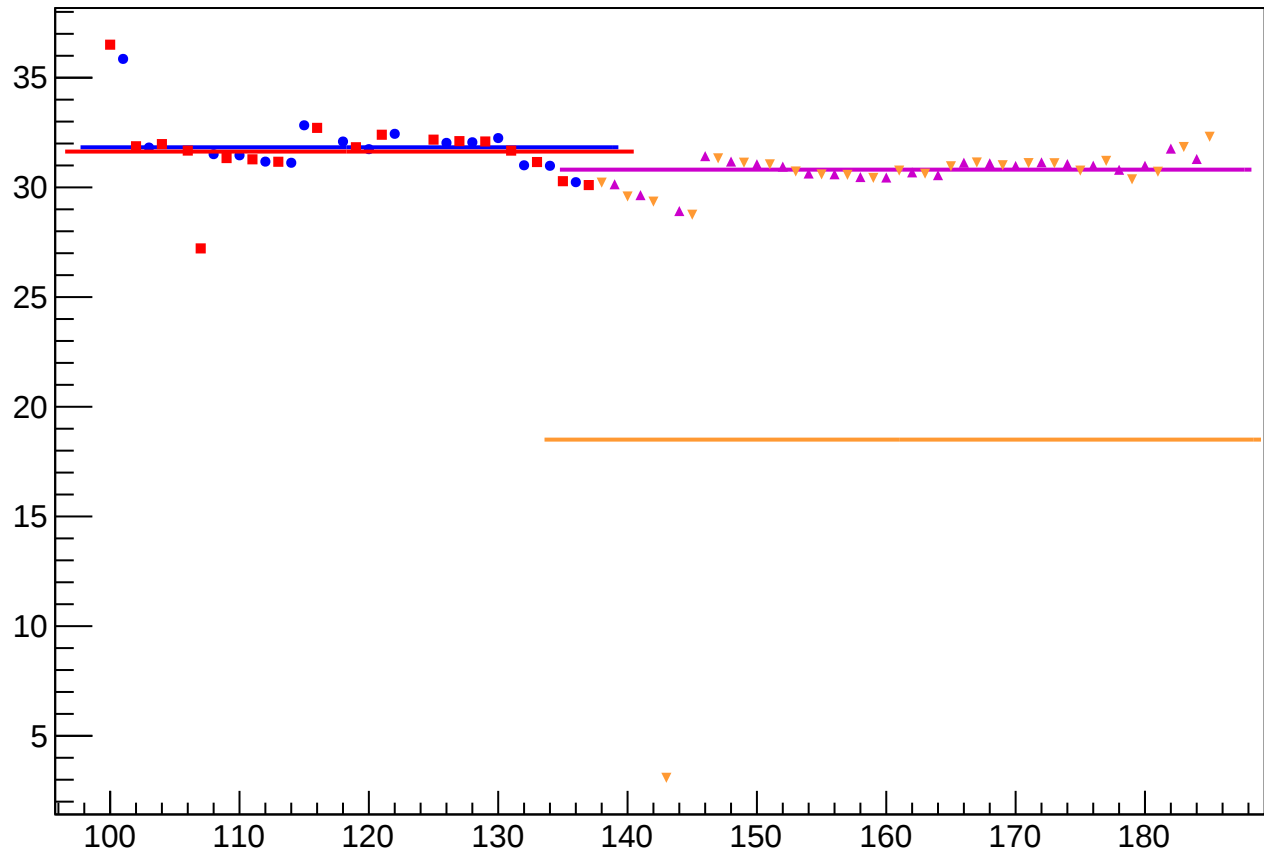
Left In: 31.484 $\pm$ 0.005 χ^2 /NDF: 87981.1/22

+ sign 31.416 $\pm$ 0.005 χ^2 /NDF: 3097412.7/41

All: 31.392 $\pm$ 0.003 χ^2 /NDF: 6646370.8/83

- sign 31.368 $\pm$ 0.005 χ^2 /NDF: 3548904.6/41

yield_usl_mean vs Slug



Right In: 31.828+/-0.000 χ^2/NDF : 1553310195.5/15

Left Out: 18.503+/-0.000 χ^2/NDF : 940490268476.6/24

Right Out: 31.633+/-0.000 χ^2/NDF : 860874235.3/17

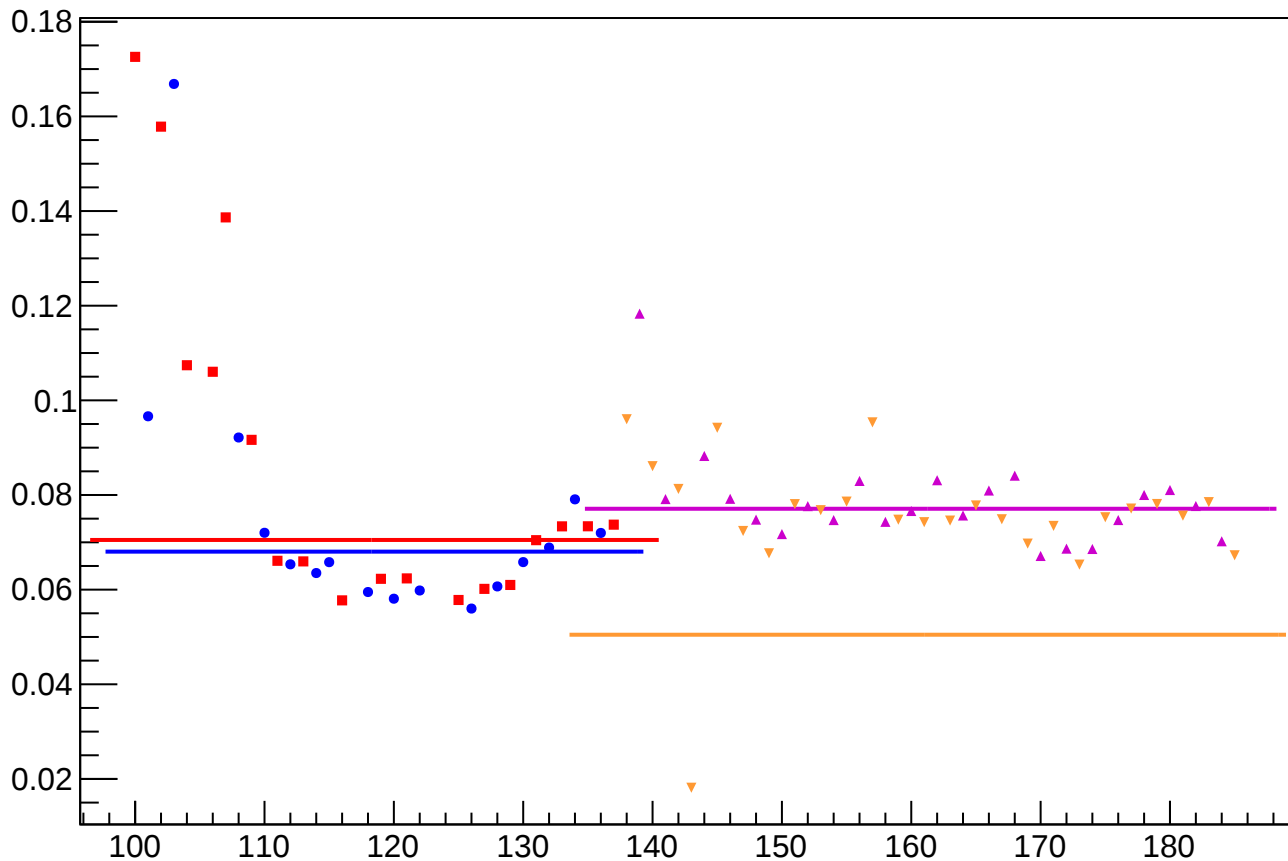
Left In: 30.809+/-0.000 χ^2/NDF : 821961762.3/22

+ sign 21.175+/-0.000 χ^2/NDF : 1118587774325.6/4

All: 24.963+/-0.000 χ^2/NDF : 1353152673421

- sign 31.063+/-0.000 χ^2/NDF : 2239823625.4/40

yield_usl_rms vs Slug



Right In: 0.068 $\pm$ 0.000 χ^2 /NDF: 632212.4/15

Left Out: 0.050 $\pm$ 0.000 χ^2 /NDF:8542262.1/24

Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 838852.0/17

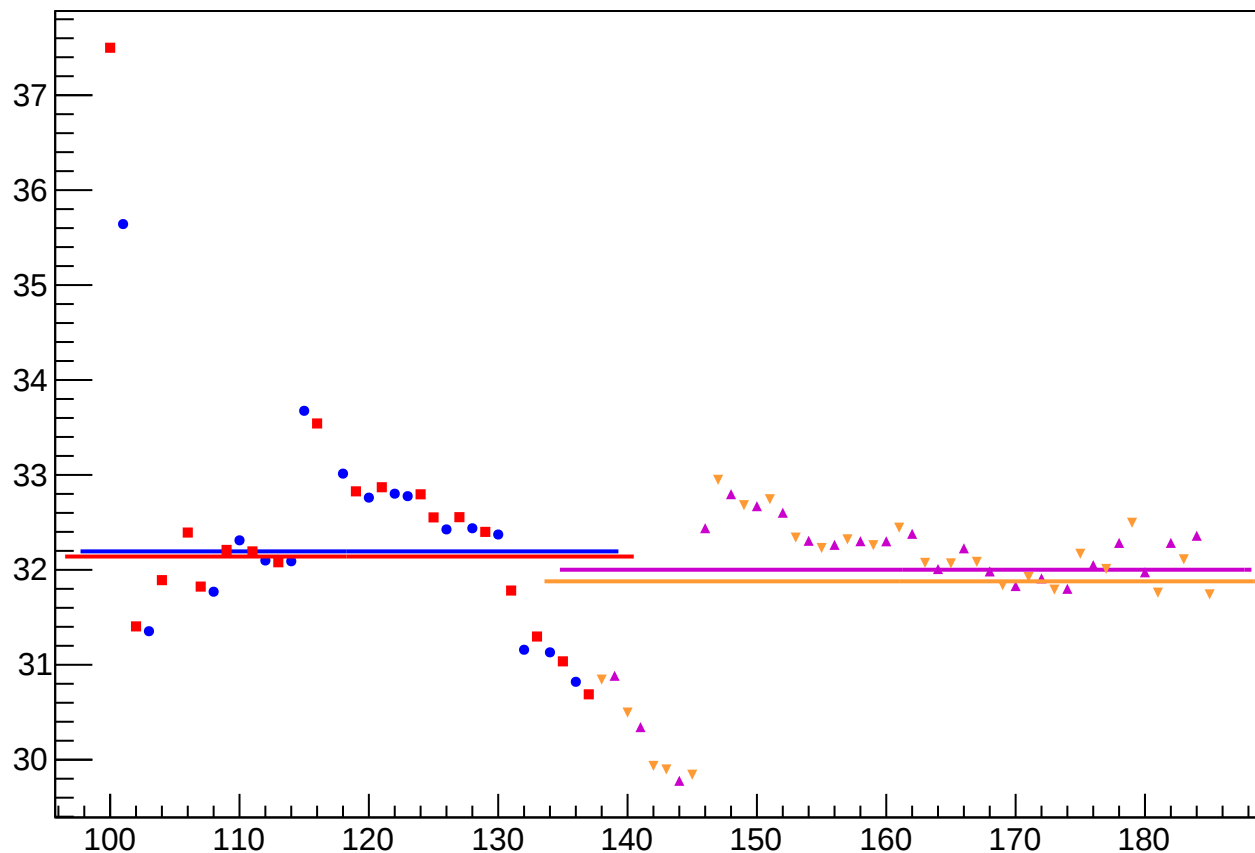
Left In: 0.077 $\pm$ 0.000 χ^2 /NDF:325844.3/22

+ sign 0.054 $\pm$ 0.000 χ^2 /NDF: 9787458.6/40

All: 0.062 $\pm$ 0.000 χ^2 /NDF: 13132690.2/81

- sign 0.075 $\pm$ 0.000 χ^2 /NDF: 1236040.1/40

yield_usr_mean vs Slug



Right In: 32.195+/-0.000 χ^2/NDF : 1002008039.3/16

Left Out: 31.879+/-0.000 χ^2/NDF : 1976220828.9/24

Right Out: 32.140+/-0.000 χ^2/NDF : 421423009.8/18

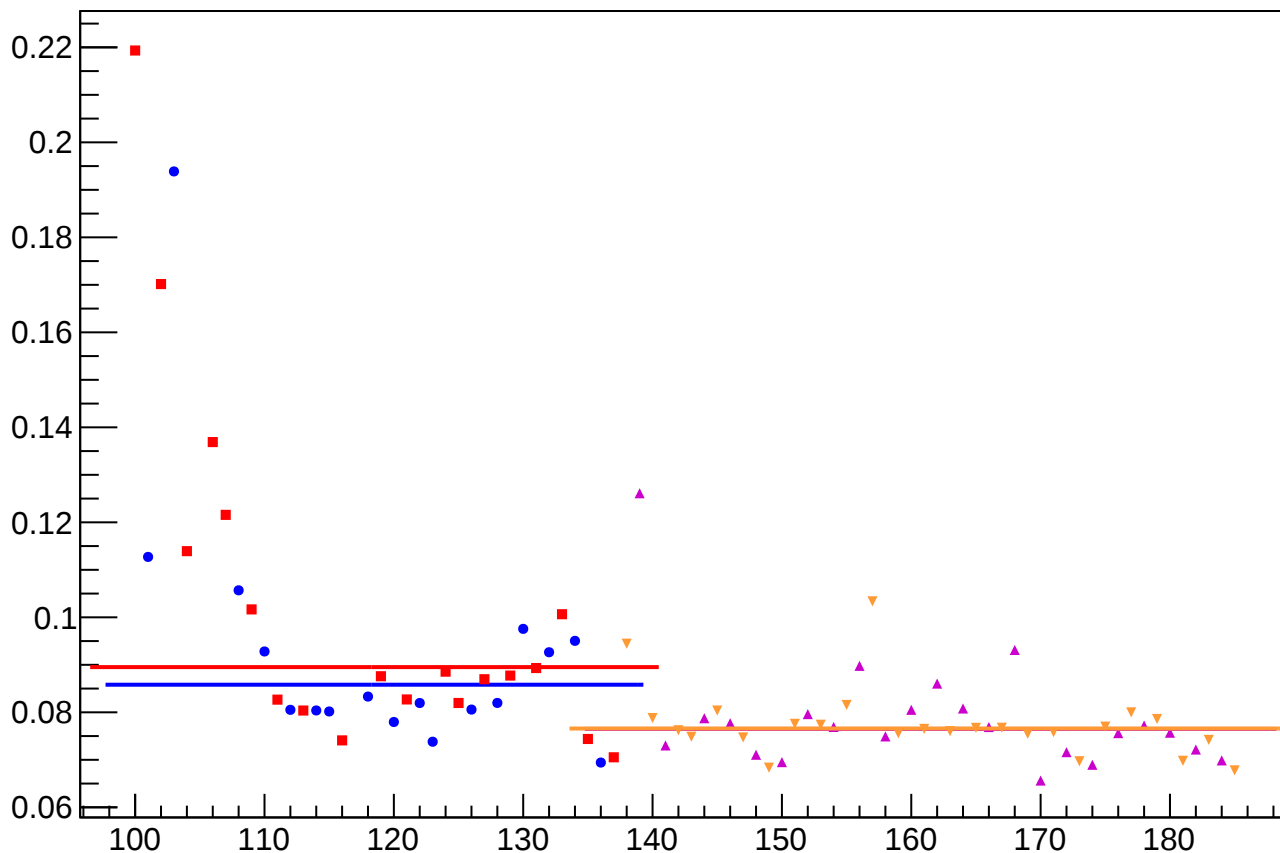
Left In: 32.001+/-0.000 χ^2/NDF : 1411110671.9/22

+ sign 31.947+/-0.000 χ^2/NDF : 3039601677.7/41

All: 31.988+/-0.000 χ^2/NDF : 4896607292.7/8

- sign 32.032+/-0.000 χ^2/NDF : 1844091460.5/41

yield_usr_rms vs Slug



Right In: 0.086+/-0.000 χ^2/NDF : 554772.3/16

Left Out: 0.077+/-0.000 χ^2/NDF : 209728.5/24

Right Out: 0.090+/-0.000 χ^2/NDF : 539119.2/18

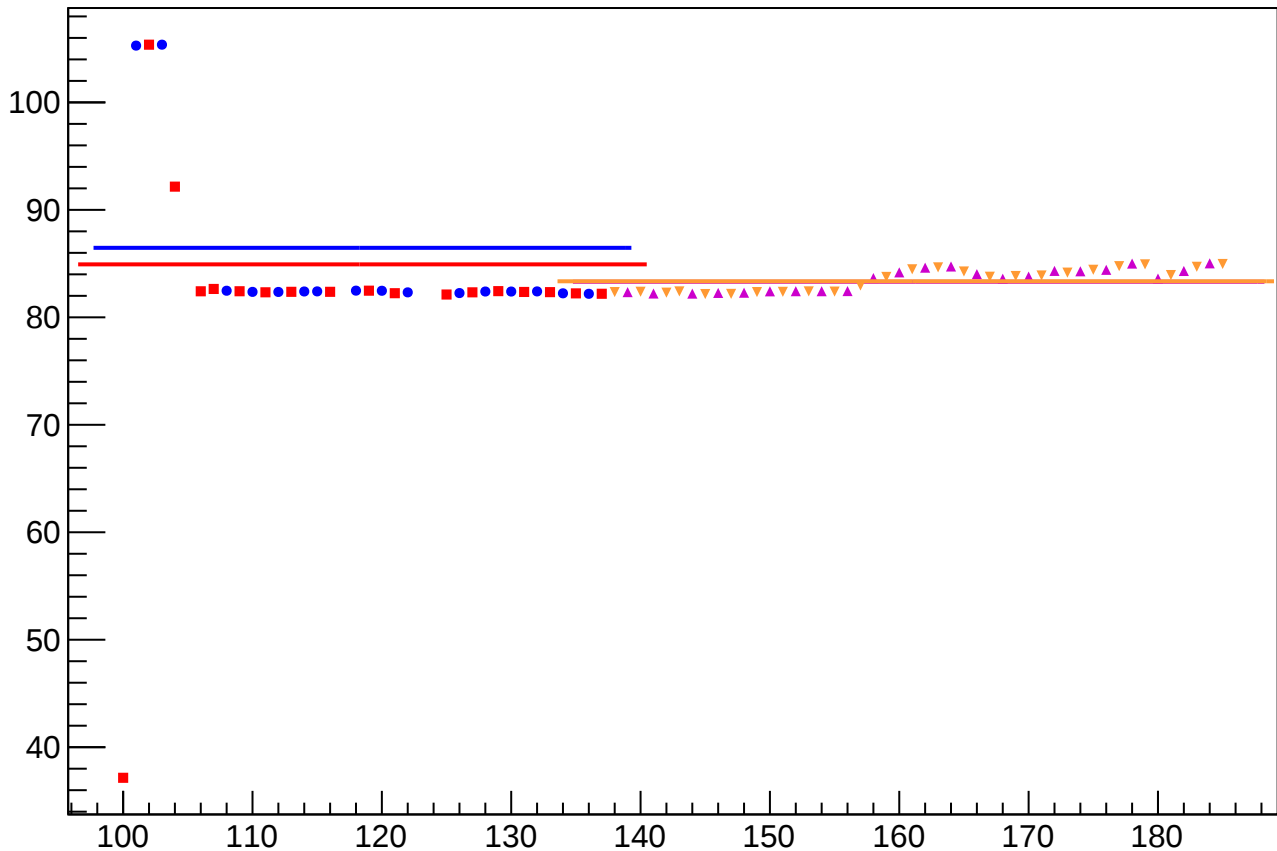
Left In: 0.076+/-0.000 χ^2/NDF : 432563.3/22

+ sign 0.079+/-0.000 χ^2/NDF : 869405.5/41

All: 0.079+/-0.000 χ^2/NDF : 2045916.2/83

- sign 0.079+/-0.000 χ^2/NDF : 1174401.0/41

yield_dsl_mean vs Slug



Right In: 86.468+/-0.000 χ^2/NDF : 291253714999.8/15

Left Out: 83.354+/-0.000 χ^2/NDF : 9134988828.8/24

Right Out: 84.929+/-0.000 χ^2/NDF : 172101973960.6/17

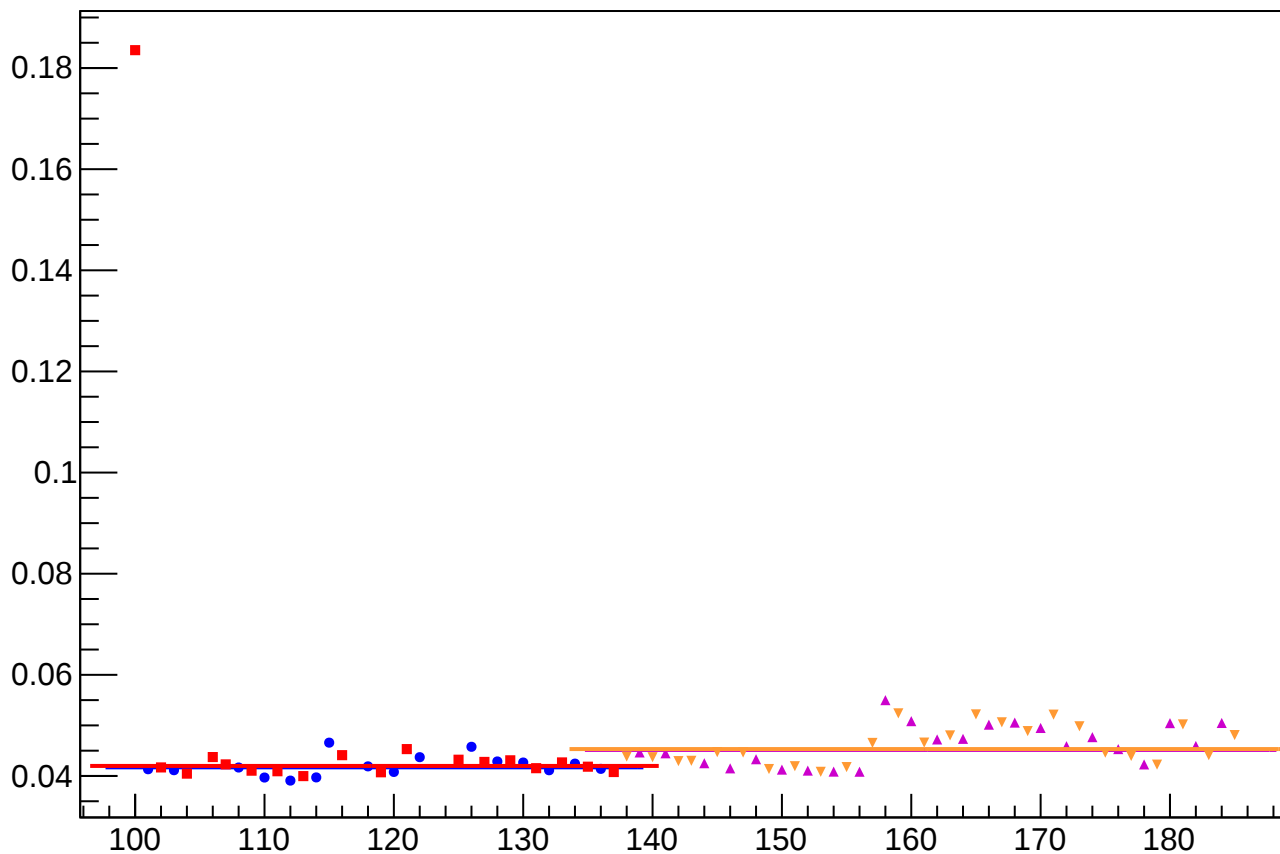
Left In: 83.309+/-0.000 χ^2/NDF : 8421247810.9/22

+ sign 84.294+/-0.000 χ^2/NDF : 325830732047.8/40

All: 84.062+/-0.000 χ^2/NDF : 514666655999.8/40

- sign 83.825+/-0.000 χ^2/NDF : 187481620521.6/40

yield_dsl_rms vs Slug



Right In: 0.042+/-0.000 χ^2/NDF : 19442.4/15

Left Out: 0.045+/-0.000 χ^2/NDF : 211166.3/24

Right Out: 0.042+/-0.000 χ^2/NDF : 96987.8/17

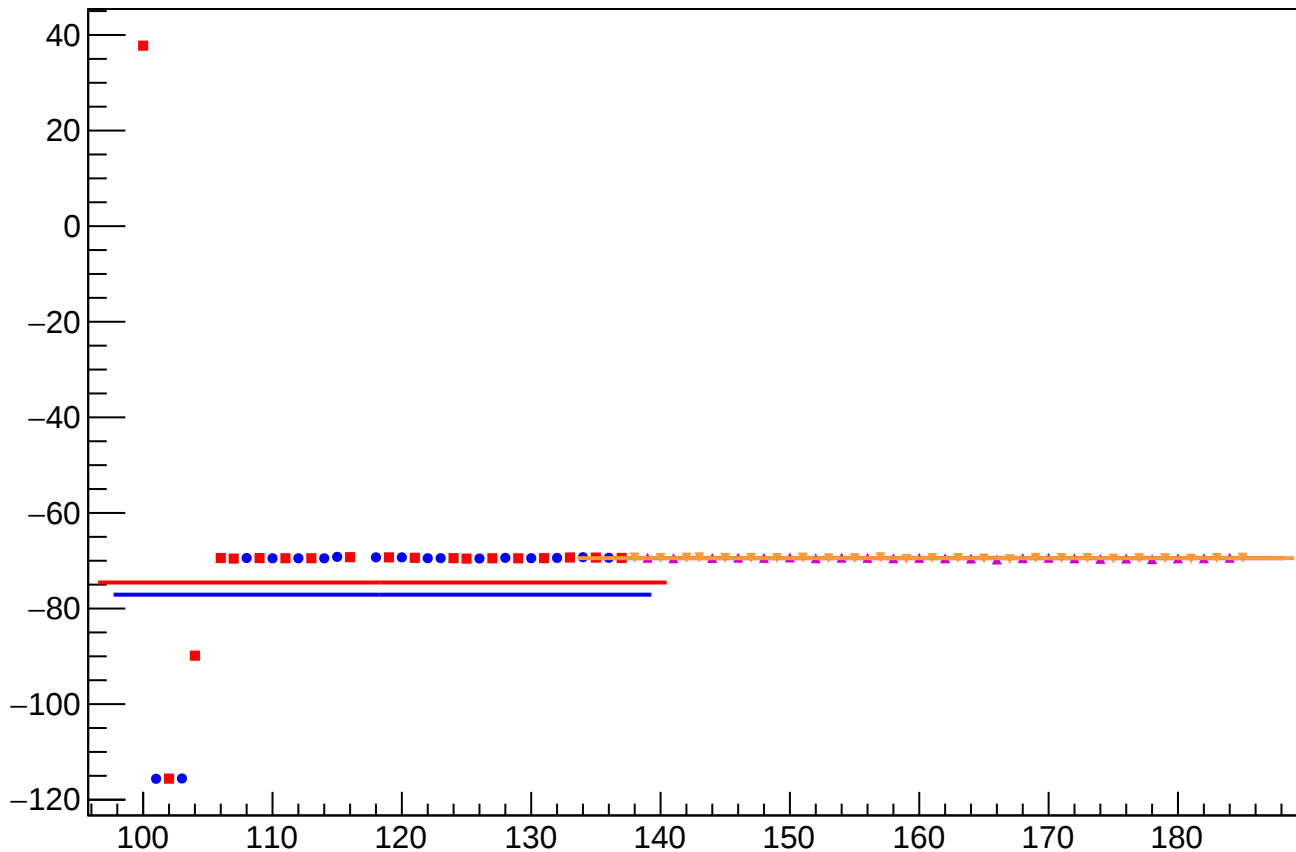
Left In: 0.045+/-0.000 χ^2/NDF : 242885.4/22

+ sign 0.044+/-0.000 χ^2/NDF : 299027.0/40

All: 0.044+/-0.000 χ^2/NDF : 691931.3/81

- sign 0.044+/-0.000 χ^2/NDF : 392795.6/40

yield_dsr_mean vs Slug



Right In: -77.101+/-0.000 χ^2/NDF : 564992278701.1/16

Left Out: -69.461+/-0.000 χ^2/NDF : 49572773.0/24

Right Out: -74.552+/-0.000 χ^2/NDF : 371830924165.2/18

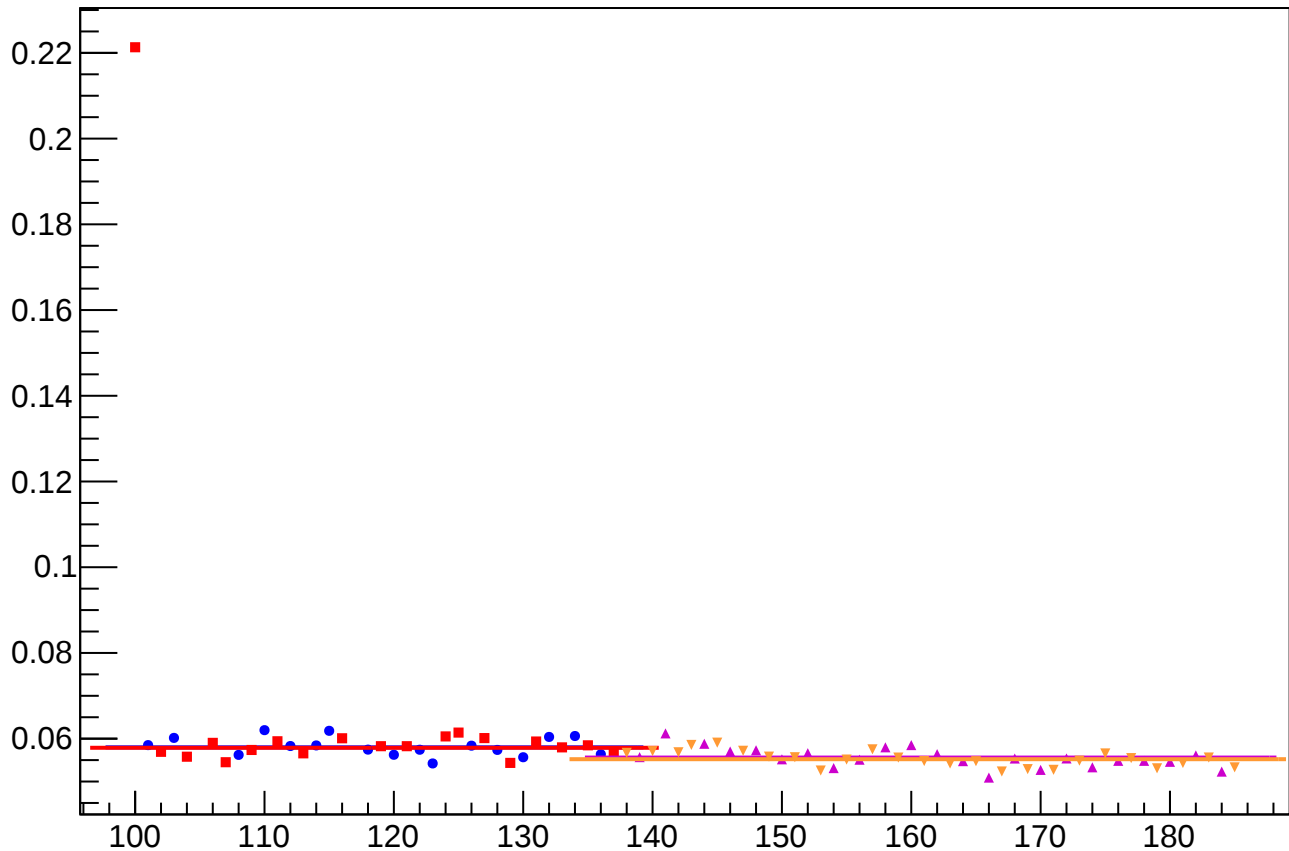
Left In: -69.458+/-0.000 χ^2/NDF : 52798704.3/22

+ sign -71.346+/-0.000 χ^2/NDF : 648952956585.0/4

All: -71.100+/-0.000 χ^2/NDF : 106031402156

- sign -70.846+/-0.000 χ^2/NDF : 410409655611.3/41

yield_dsr_rms vs Slug



Right In: 0.058 $\pm$ 0.000 χ^2 /NDF: 12317.7/16

Left Out: 0.055 $\pm$ 0.000 χ^2 /NDF:38778.8/24

Right Out: 0.058 $\pm$ 0.000 χ^2 /NDF: 87700.9/18

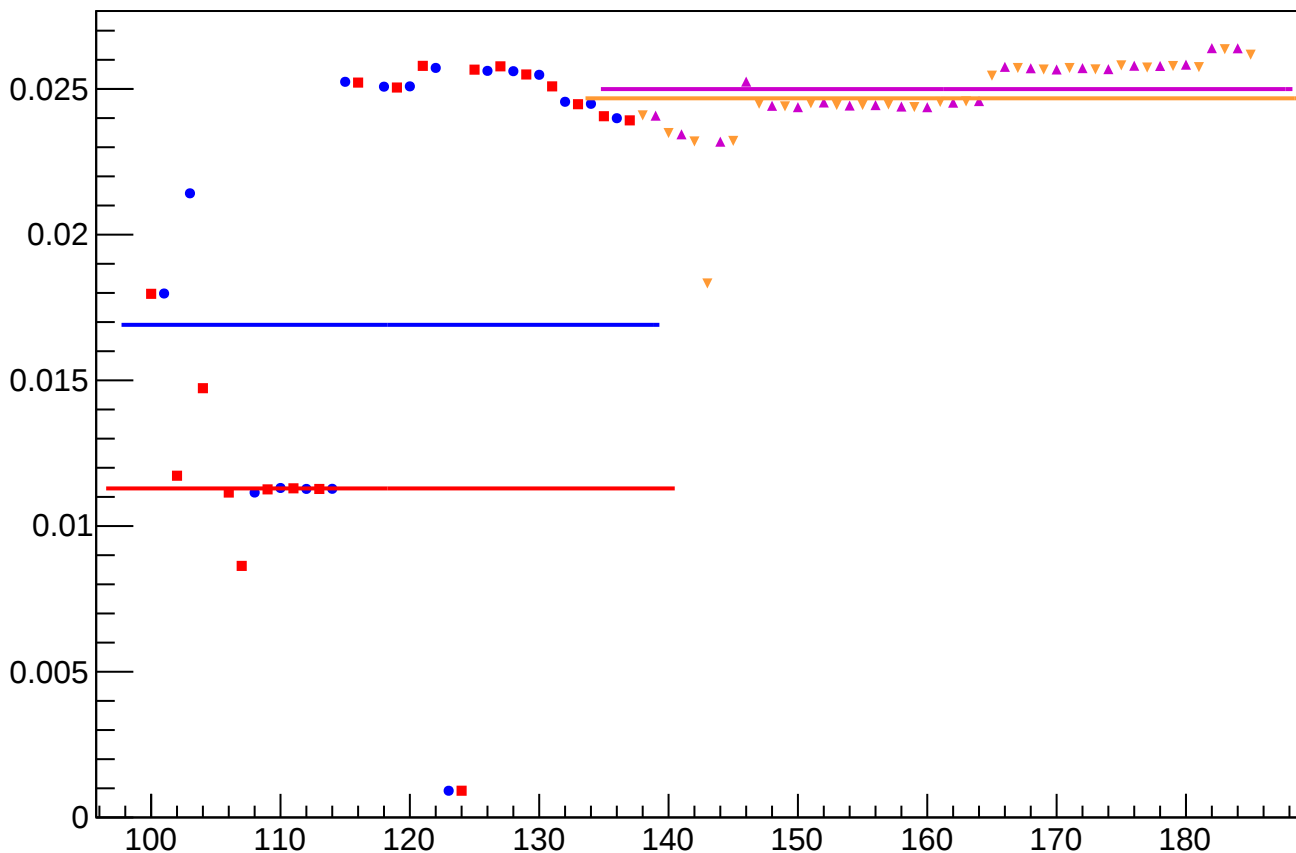
Left In: 0.056 $\pm$ 0.000 χ^2 /NDF:52190.5/22

+ sign 0.056 $\pm$ 0.000 χ^2 /NDF: 73038.8/41

All: 0.056 $\pm$ 0.000 χ^2 /NDF: 229179.9/83

- sign 0.056 $\pm$ 0.000 χ^2 /NDF: 155349.3/41

yield_atl1_mean vs Slug



Right In: 0.017 $\pm$ 0.000 χ^2 /NDF: 126025885261.2/16

Left Out: 0.025 $\pm$ 0.000 χ^2 /NDF: 9637796091.6/24

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 233231439443.8/18

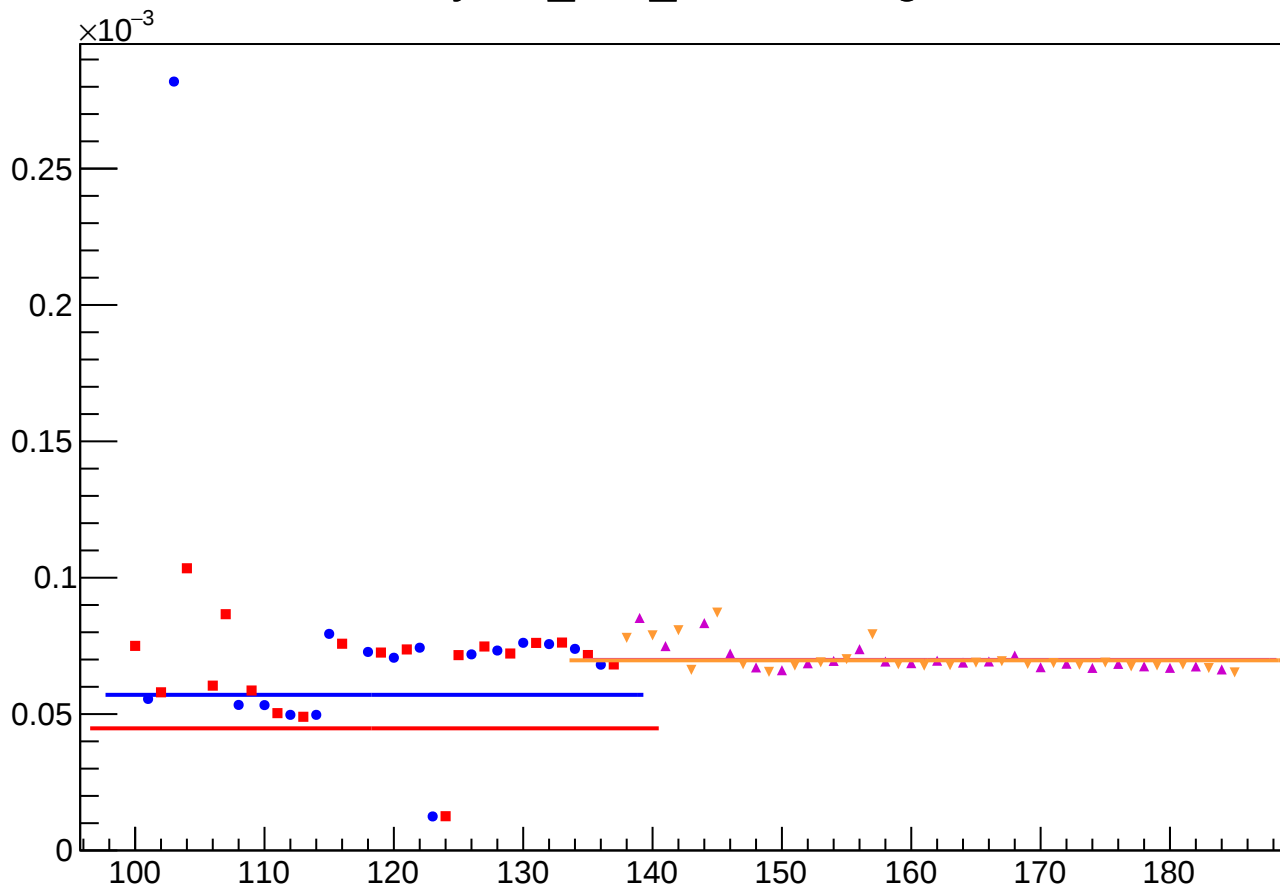
Left In: 0.025 $\pm$ 0.000 χ^2 /NDF: 2462473687.7/22

+ sign 0.022 $\pm$ 0.000 χ^2 /NDF: 205461184896.9/41

All: 0.021 $\pm$ 0.000 χ^2 /NDF: 730944425043.3

- sign 0.019 $\pm$ 0.000 χ^2 /NDF: 503196971043.5/41

yield_atl1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1998313.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 158097.9/24

Right Out: 0.000+/-0.000 χ^2/NDF : 3584797.7/18

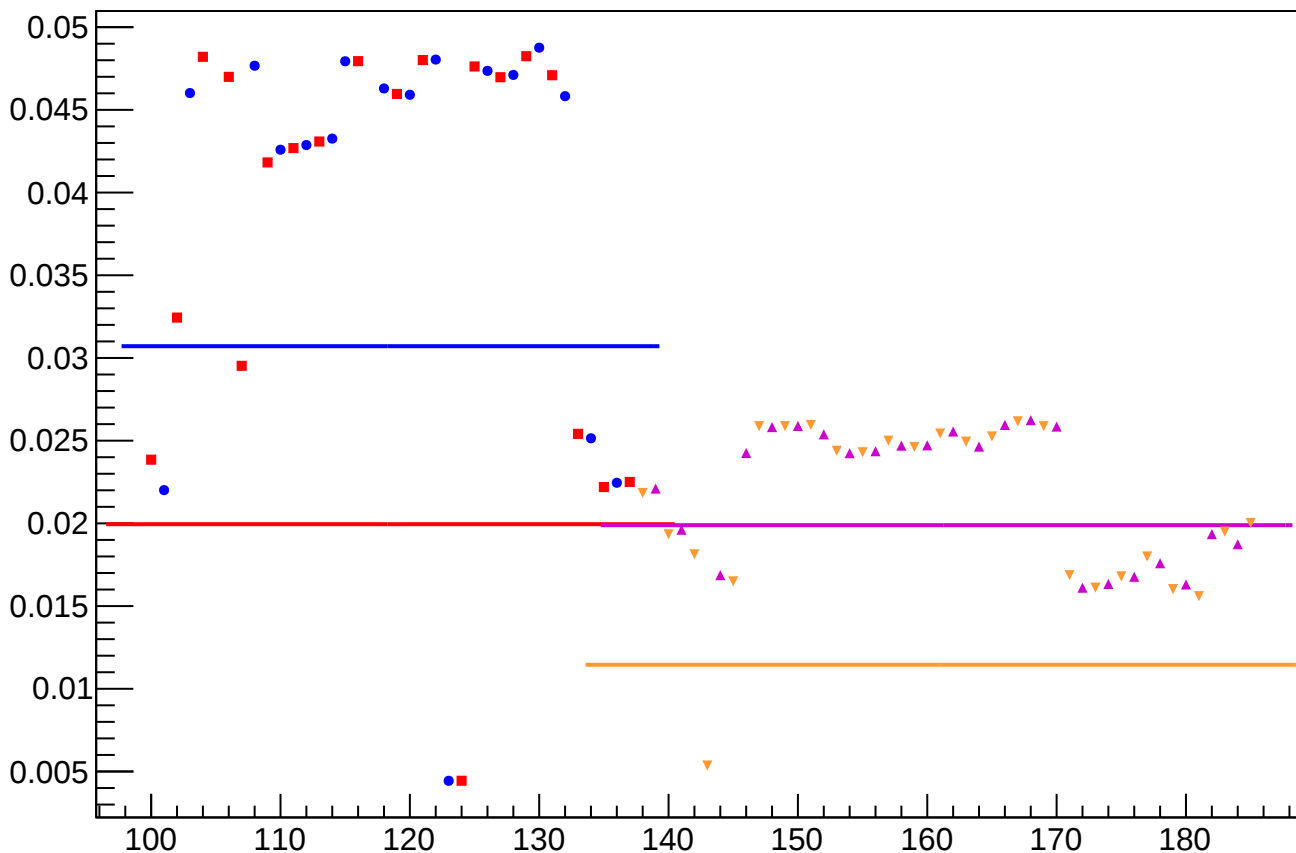
Left In: 0.000+/-0.000 χ^2/NDF : 129289.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 2526506.8/41

All: 0.000+/-0.000 χ^2/NDF : 8240776.9/83

- sign 0.000+/-0.000 χ^2/NDF : 5506281.3/41

yield_atl2_mean vs Slug



Right In: 0.031+/-0.000 χ^2/NDF : 21081896587.0/16

Left Out: 0.011+/-0.000 χ^2/NDF : 40288864765.9/24

Right Out: 0.020+/-0.000 χ^2/NDF : 39758690289.2/18

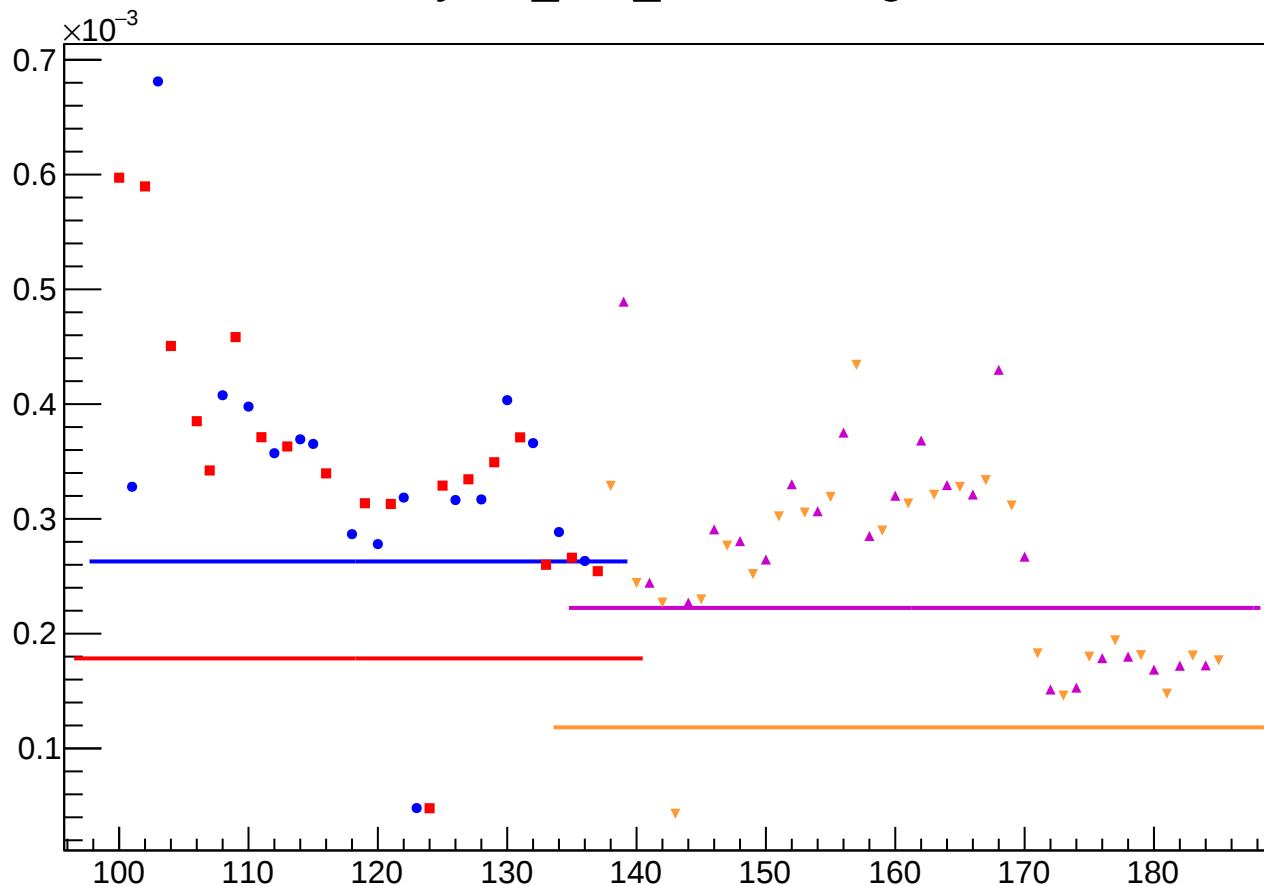
Left In: 0.020+/-0.000 χ^2/NDF : 4458790813.3/22

+ sign 0.013+/-0.000 χ^2/NDF : 85240421823.1/41

All: 0.015+/-0.000 χ^2/NDF : 141629213244.7

- sign 0.020+/-0.000 χ^2/NDF : 44217785346.2/41

yield_atl2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2393587.9/16

Left Out: 0.000+/-0.000 χ^2/NDF :13561414.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 5332040.2/18

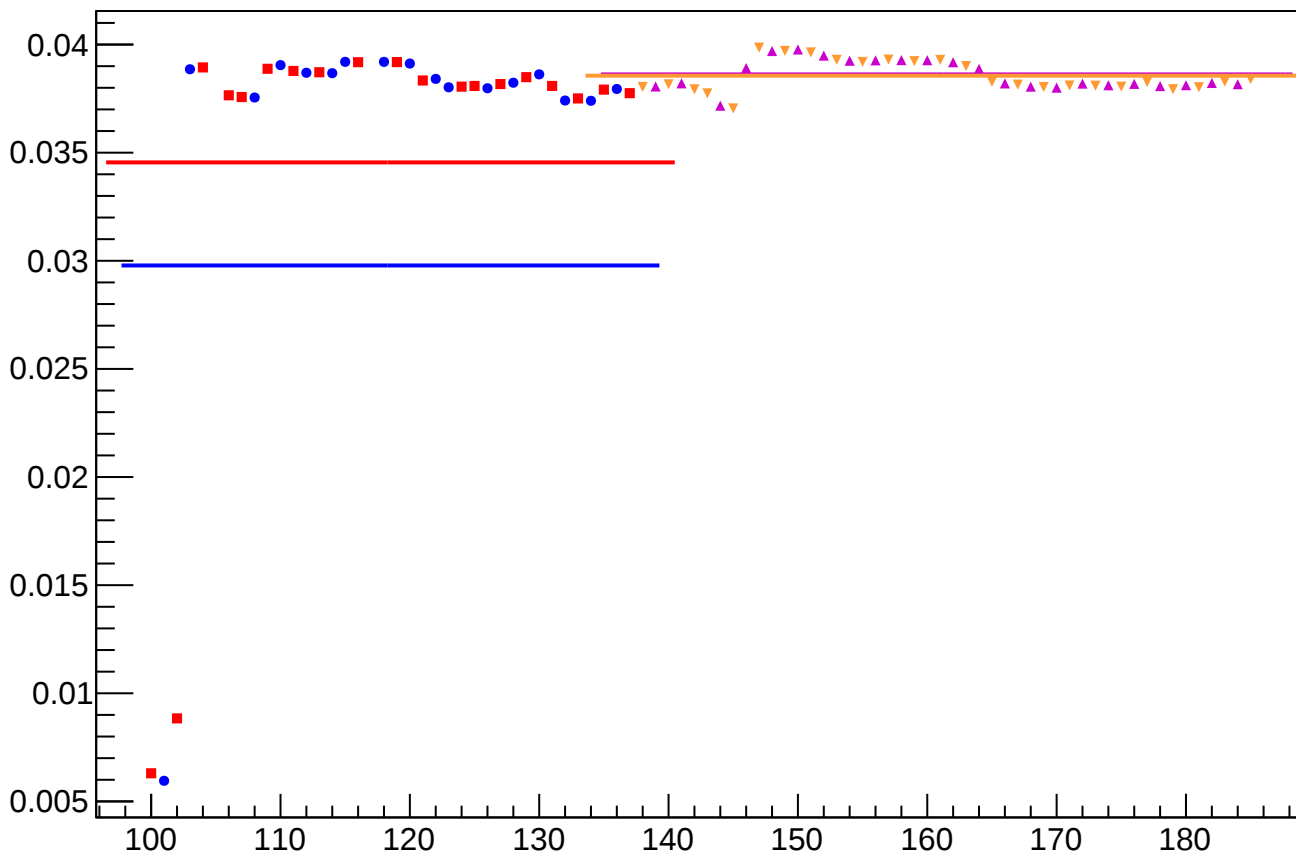
Left In: 0.000+/-0.000 χ^2/NDF :3281119.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 18643572.5/41

All: 0.000+/-0.000 χ^2/NDF : 30895528.2/83

- sign 0.000+/-0.000 χ^2/NDF : 8936850.5/41

yield_atr1_mean vs Slug



Right In: 0.030 $\pm$ 0.000 χ^2 /NDF: 96939094269.8/16

Left Out: 0.039 $\pm$ 0.000 χ^2 /NDF: 539444361.3/24

Right Out: 0.035 $\pm$ 0.000 χ^2 /NDF: 43542773475.9/18

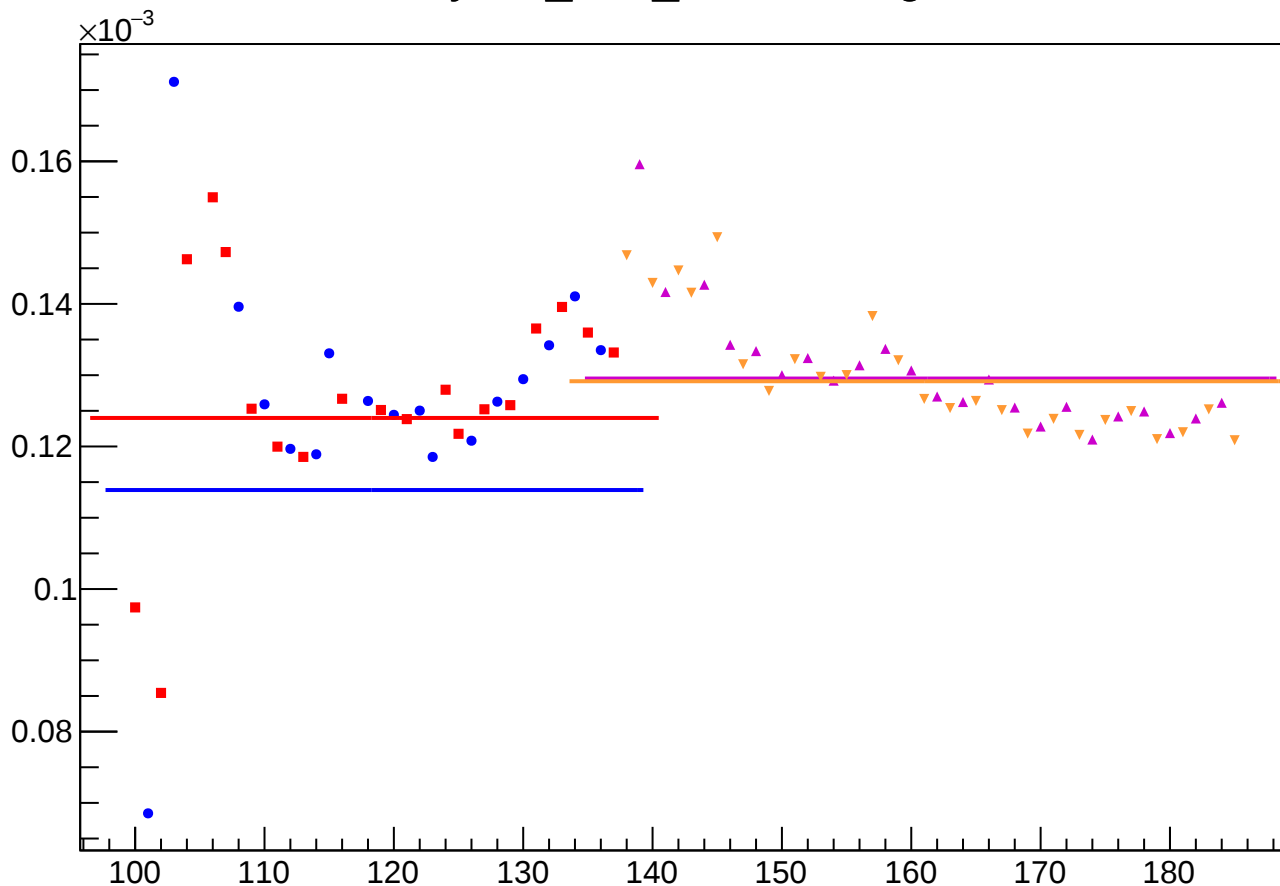
Left In: 0.039 $\pm$ 0.000 χ^2 /NDF: 465745982.6/22

+ sign 0.036 $\pm$ 0.000 χ^2 /NDF: 122757477091.4/41

All: 0.037 $\pm$ 0.000 χ^2 /NDF: 173502105807.7

- sign 0.037 $\pm$ 0.000 χ^2 /NDF: 49023851434.4/41

yield_atr1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 792994.9/16

Left Out: 0.000+/-0.000 χ^2/NDF :130310.3/24

Right Out: 0.000+/-0.000 χ^2/NDF : 245068.5/18

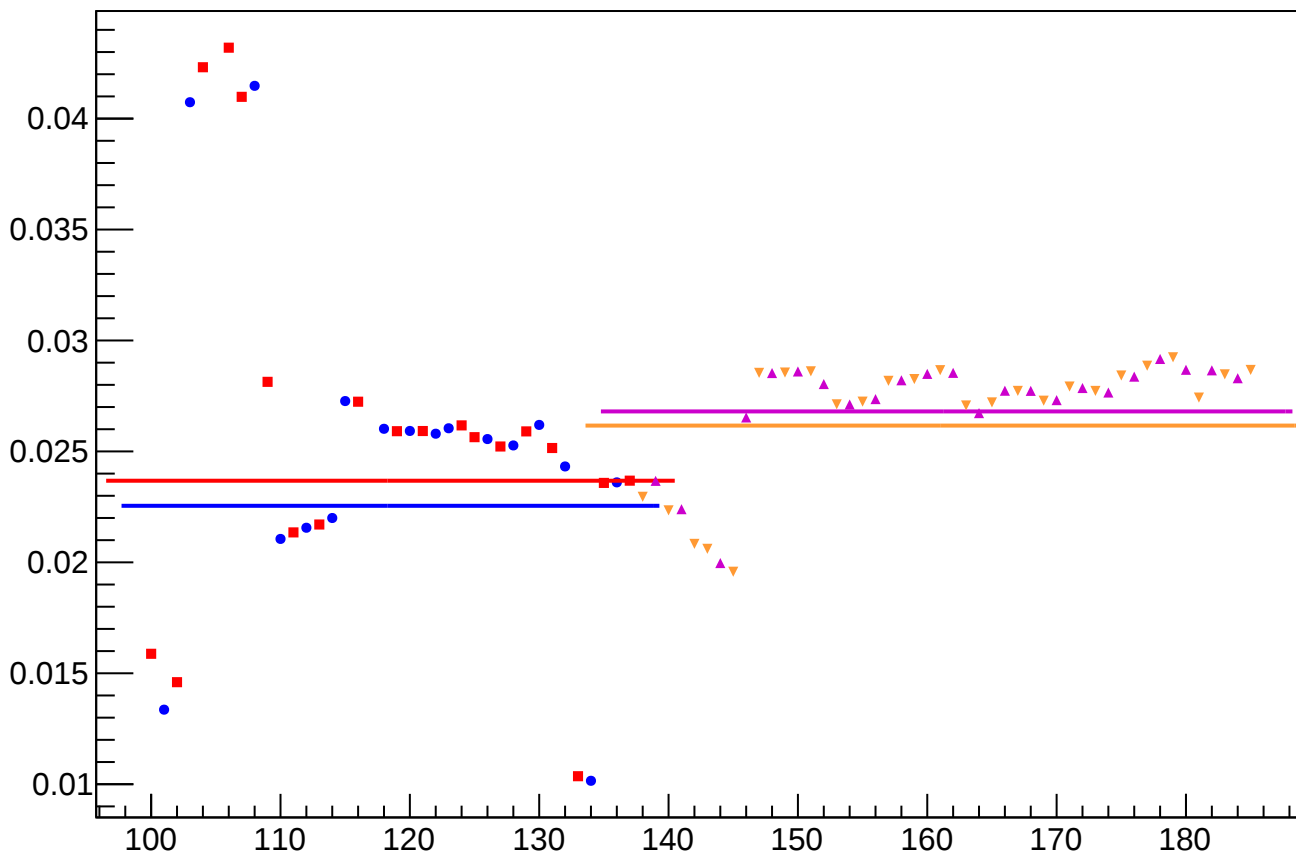
Left In: 0.000+/-0.000 χ^2/NDF :114763.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 1076184.9/41

All: 0.000+/-0.000 χ^2/NDF : 1471561.5/83

- sign 0.000+/-0.000 χ^2/NDF : 378347.4/41

yield_atr2_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 4235847516.4/16

Left Out: 0.026+/-0.000 χ^2/NDF : 2056549157.6/24

Right Out: 0.024+/-0.000 χ^2/NDF : 5643986297.3/18

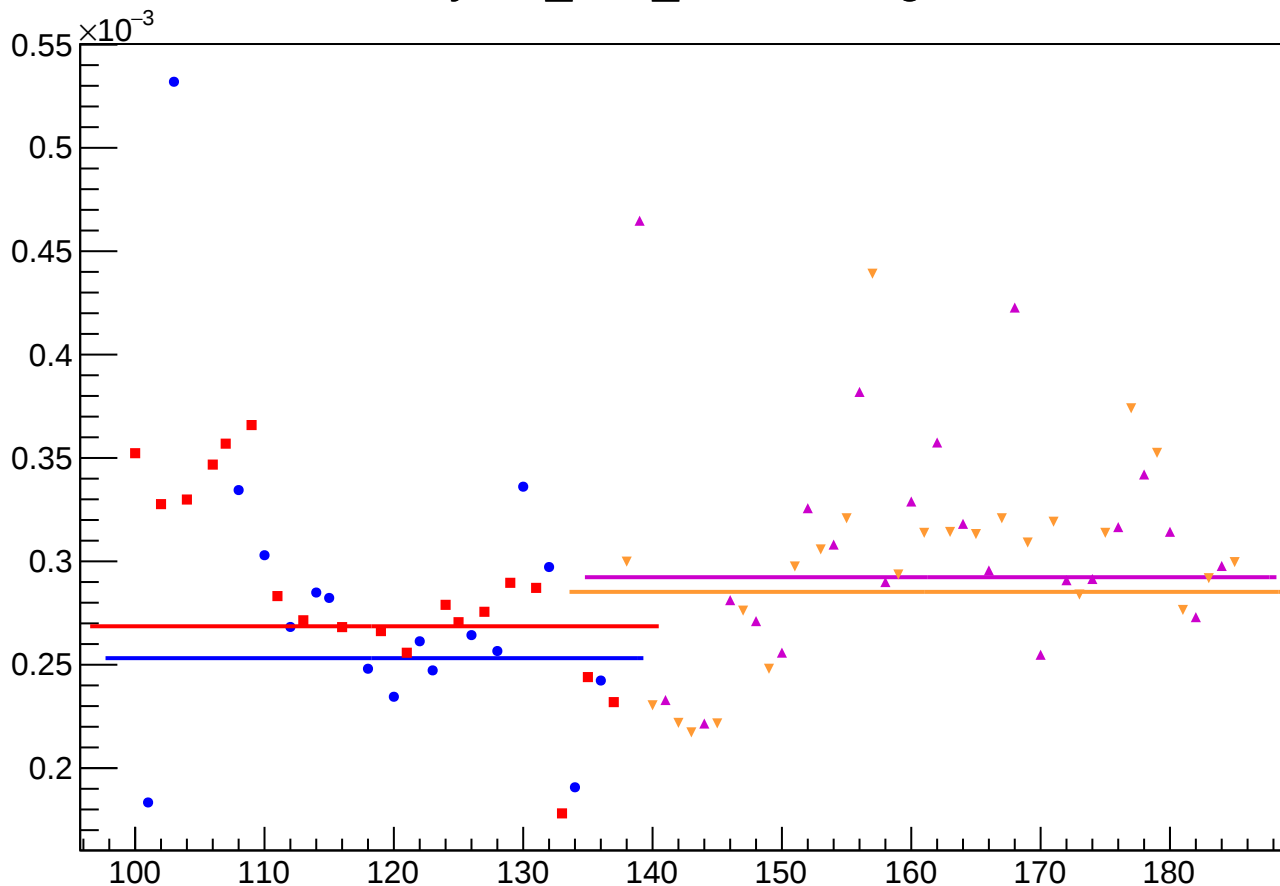
Left In: 0.027+/-0.000 χ^2/NDF : 1332033607.7/22

+ sign 0.025+/-0.000 χ^2/NDF : 7105272374.3/41

All: 0.025+/-0.000 χ^2/NDF : 14732247772.6/8

- sign 0.026+/-0.000 χ^2/NDF : 7543875418.5/41

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 626352.9/16

Left Out: 0.000+/-0.000 χ^2/NDF :813374.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 428150.4/18

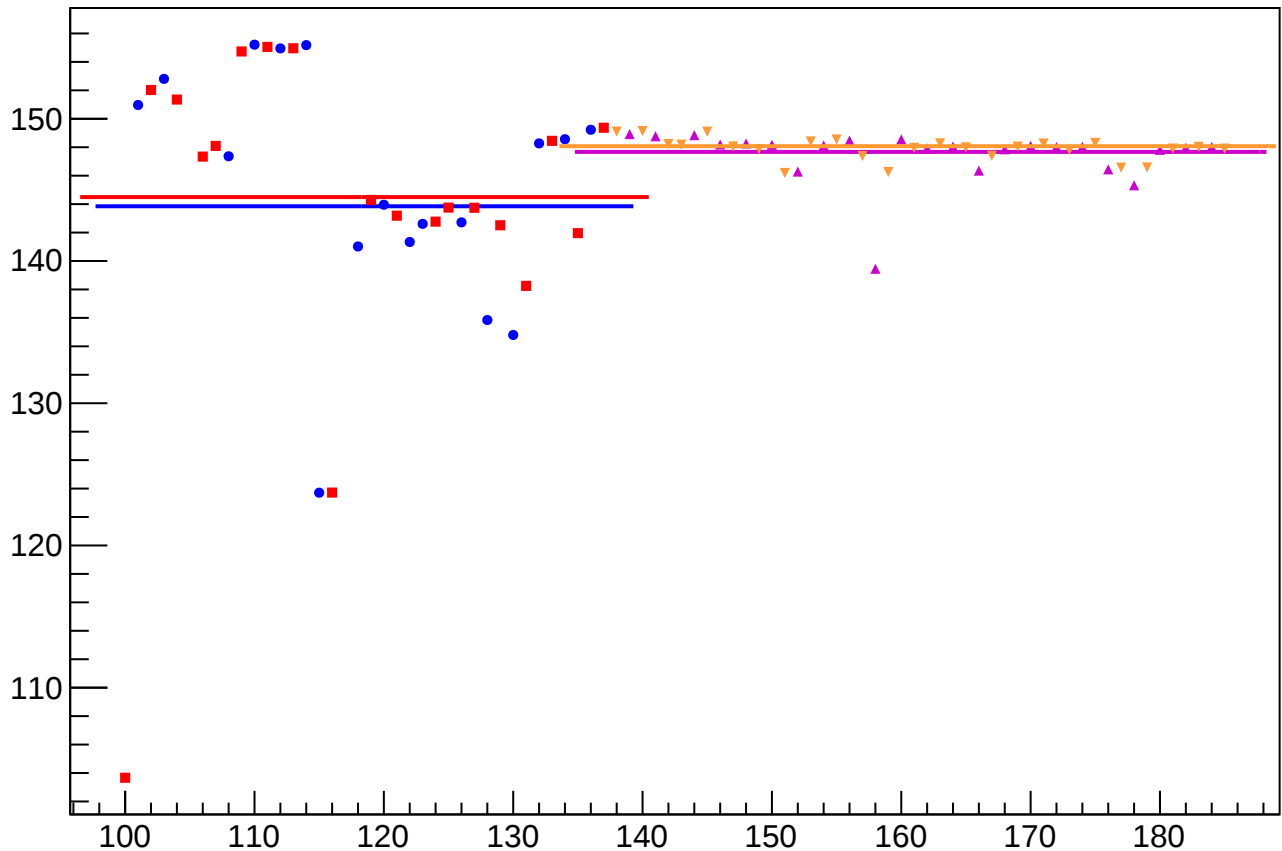
Left In: 0.000+/-0.000 χ^2/NDF :898772.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 1567591.5/41

All: 0.000+/-0.000 χ^2/NDF : 2985426.6/83

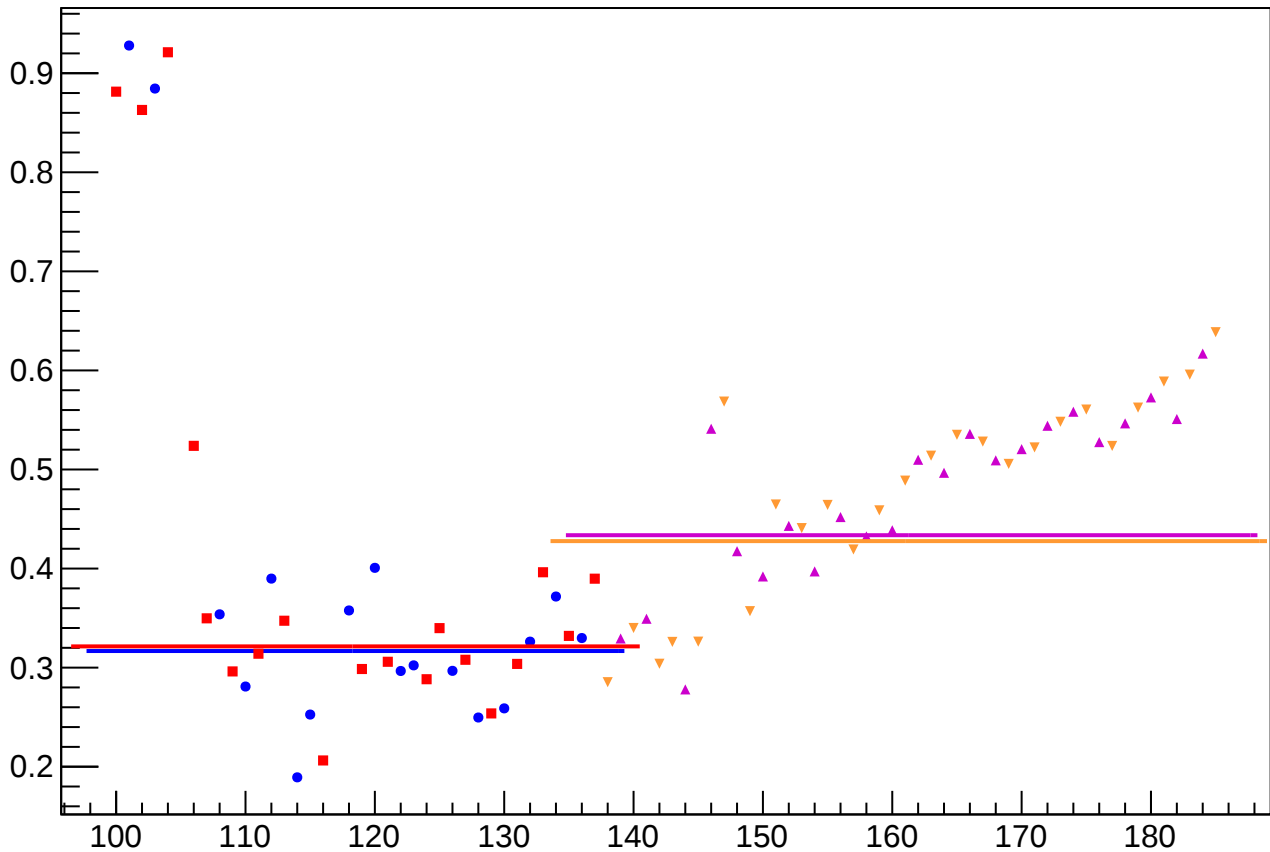
- sign 0.000+/-0.000 χ^2/NDF : 1392495.6/41

yield_bcm_an_ds_mean vs Slug



Right In: 143.849 $\pm$ 0.000	χ^2 /NDF: 3450807407.9/16	+ sign 146.498 $\pm$ 0.000	χ^2 /NDF: 4133659434.5/41
Left Out: 148.073 $\pm$ 0.000	χ^2 /NDF: 65614152.1/24	All: 146.457 $\pm$ 0.000	χ^2 /NDF: 9007329365.8
Right Out: 144.495 $\pm$ 0.000	χ^2 /NDF: 4183399255.1/18	- sign 146.415 $\pm$ 0.000	χ^2 /NDF: 4873173551.8/41
Left In: 147.670 $\pm$ 0.000	χ^2 /NDF: 345222604.4/22		

yield_bcm_an_ds_rms vs Slug



Right In: 0.317 ± 0.000 χ^2/NDF : 1260273.9/16

Left Out: 0.428 ± 0.000 χ^2/NDF : 1895496.7/24

Right Out: 0.321 ± 0.000 χ^2/NDF : 1216529.2/18

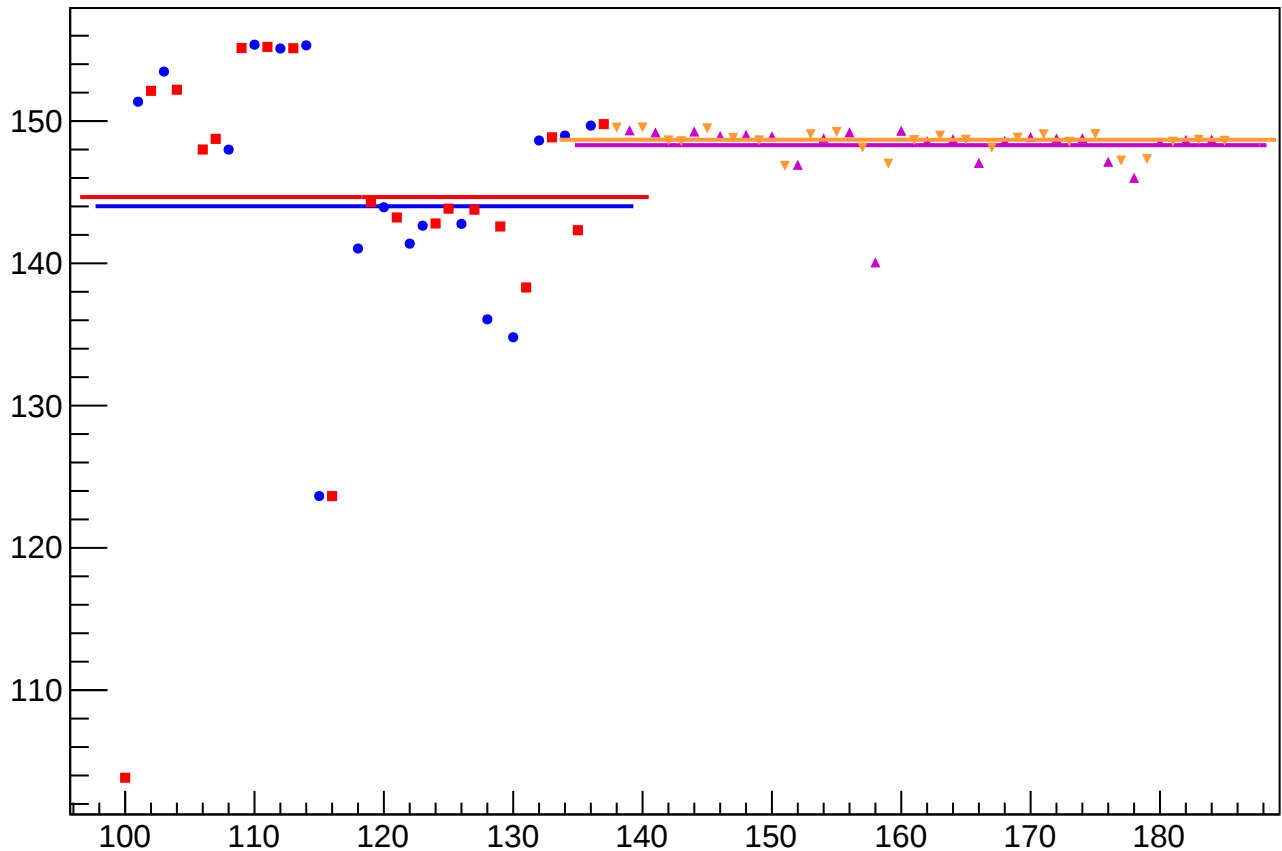
Left In: 0.434 ± 0.000 χ^2/NDF : 1496343.5/22

+ sign 0.386 ± 0.000 χ^2/NDF : 4007435.2/41

All: 0.388 ± 0.000 χ^2/NDF : 7582516.8/83

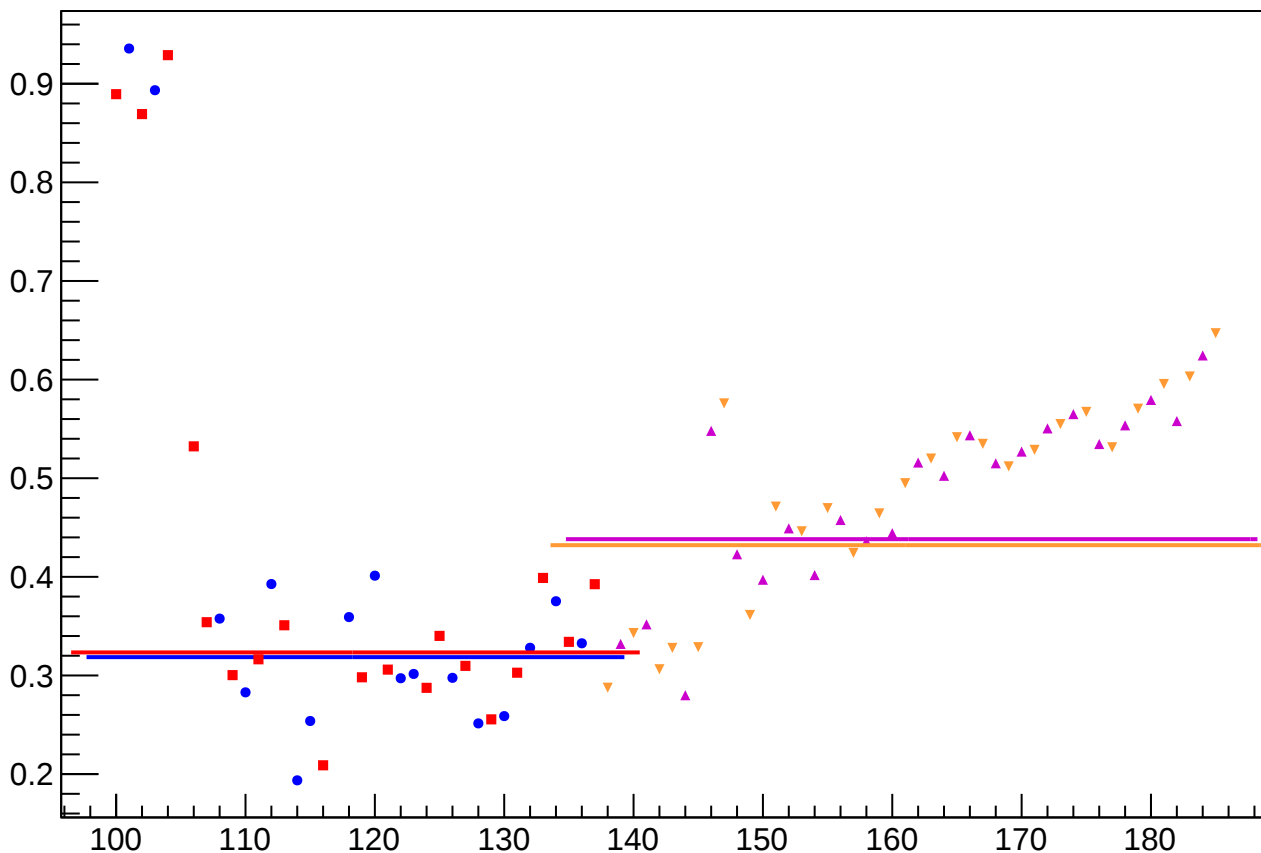
- sign 0.389 ± 0.000 χ^2/NDF : 3573794.1/41

yield_bcm_an_ds3_mean vs Slug



Right In: 144.013 $\pm$ 0.000	χ^2 /NDF: 3495287828.5/16	+ sign 146.933 $\pm$ 0.000	χ^2 /NDF: 4291810233.7/41
Left Out: 148.686 $\pm$ 0.000	χ^2 /NDF: 52218187.7/24	All: 146.895 $\pm$ 0.000	χ^2 /NDF: 9281492790.8
Right Out: 144.658 $\pm$ 0.000	χ^2 /NDF: 4207861518.0/18	- sign 146.857 $\pm$ 0.000	χ^2 /NDF: 4989271349.6/41
Left In: 148.307 $\pm$ 0.000	χ^2 /NDF: 333585558.2/22		

yield_bcm_an_ds3_rms vs Slug



Right In: 0.319 $\pm$ 0.000 χ^2 /NDF: 1262045.4/16

Left Out: 0.432 $\pm$ 0.000 χ^2 /NDF:1927710.3/24

Right Out: 0.323 $\pm$ 0.000 χ^2 /NDF: 1218896.8/18

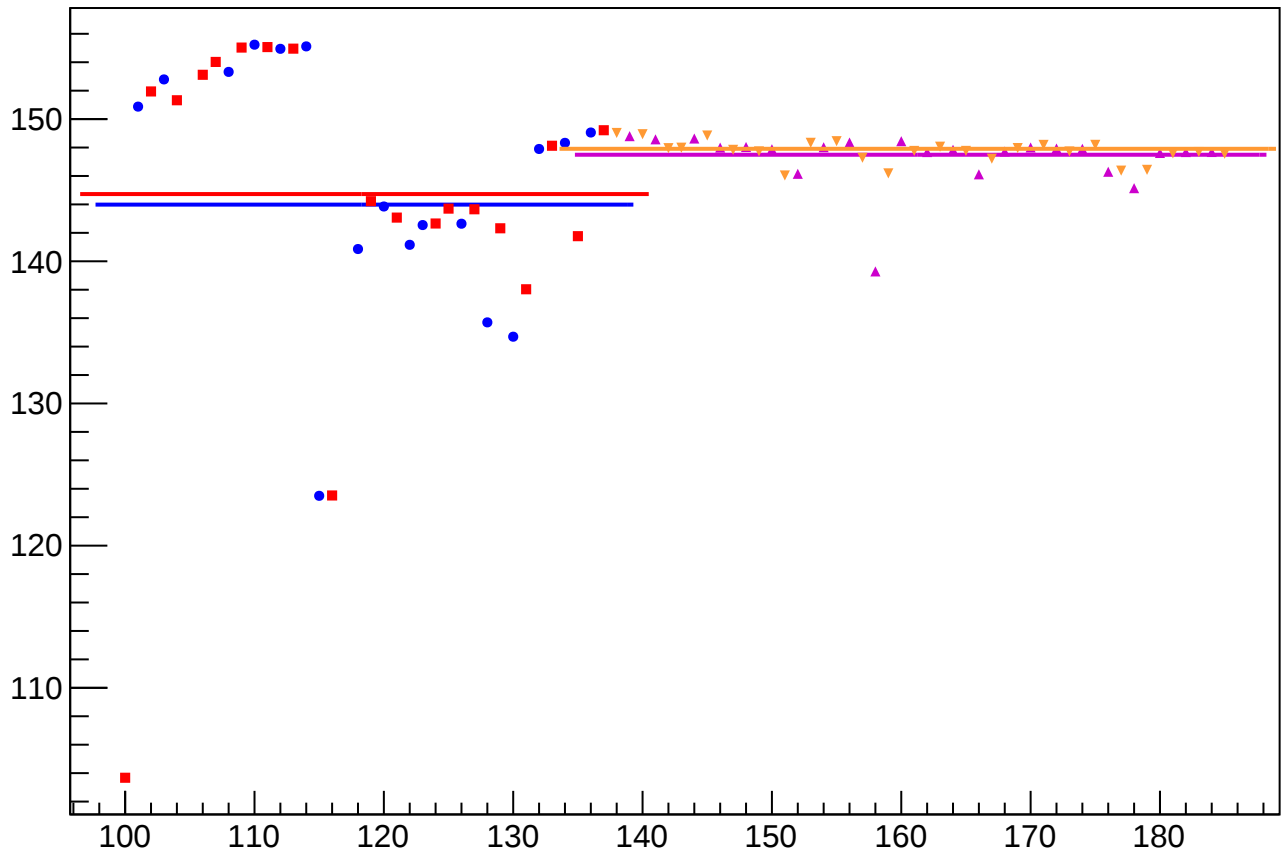
Left In: 0.438 $\pm$ 0.000 χ^2 /NDF:1521893.6/22

+ sign 0.390 $\pm$ 0.000 χ^2 /NDF: 4067908.5/41

All: 0.391 $\pm$ 0.000 χ^2 /NDF: 7697198.8/83

- sign 0.393 $\pm$ 0.000 χ^2 /NDF: 3627961.8/41

yield_bcm_an_us_mean vs Slug



Right In: 143.986 ± 0.000 χ^2/NDF : 3664472942.4/16

Left Out: 147.911 ± 0.000 χ^2/NDF : 64412756.9/24

Right Out: 144.728 ± 0.000 χ^2/NDF : 4473024875.8/18

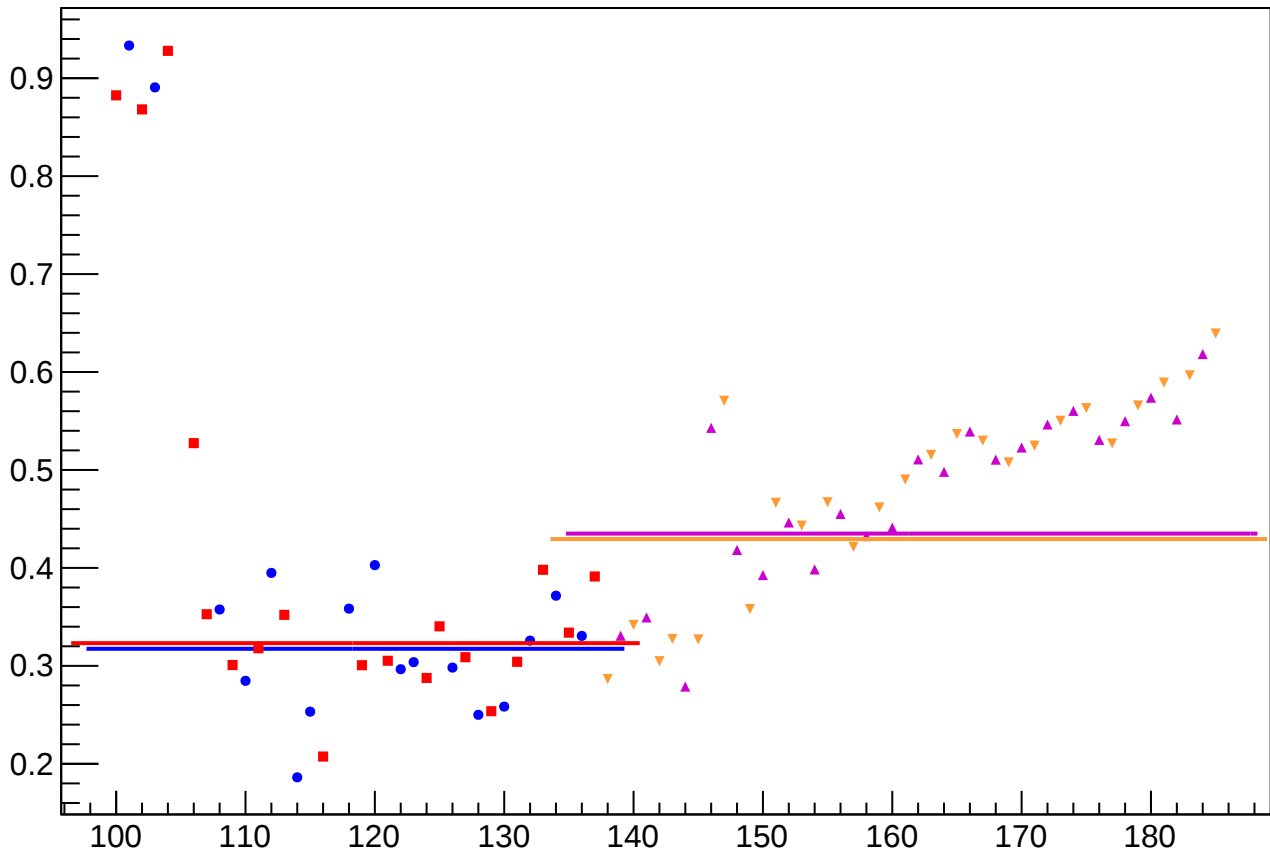
Left In: 147.493 ± 0.000 χ^2/NDF : 343978473.2/22

+ sign 146.445 ± 0.000 χ^2/NDF : 4258352302.2/41

All: 146.425 ± 0.000 χ^2/NDF : 9334437944.0

- sign 146.403 ± 0.000 χ^2/NDF : 5075957910.0/41

yield_bcm_an_us_rms vs Slug



Right In: 0.317 $\pm$ 0.000 χ^2 /NDF: 1274892.4/16

Left Out: 0.429 $\pm$ 0.000 χ^2 /NDF:1894395.9/24

Right Out: 0.323 $\pm$ 0.000 χ^2 /NDF: 1221204.9/18

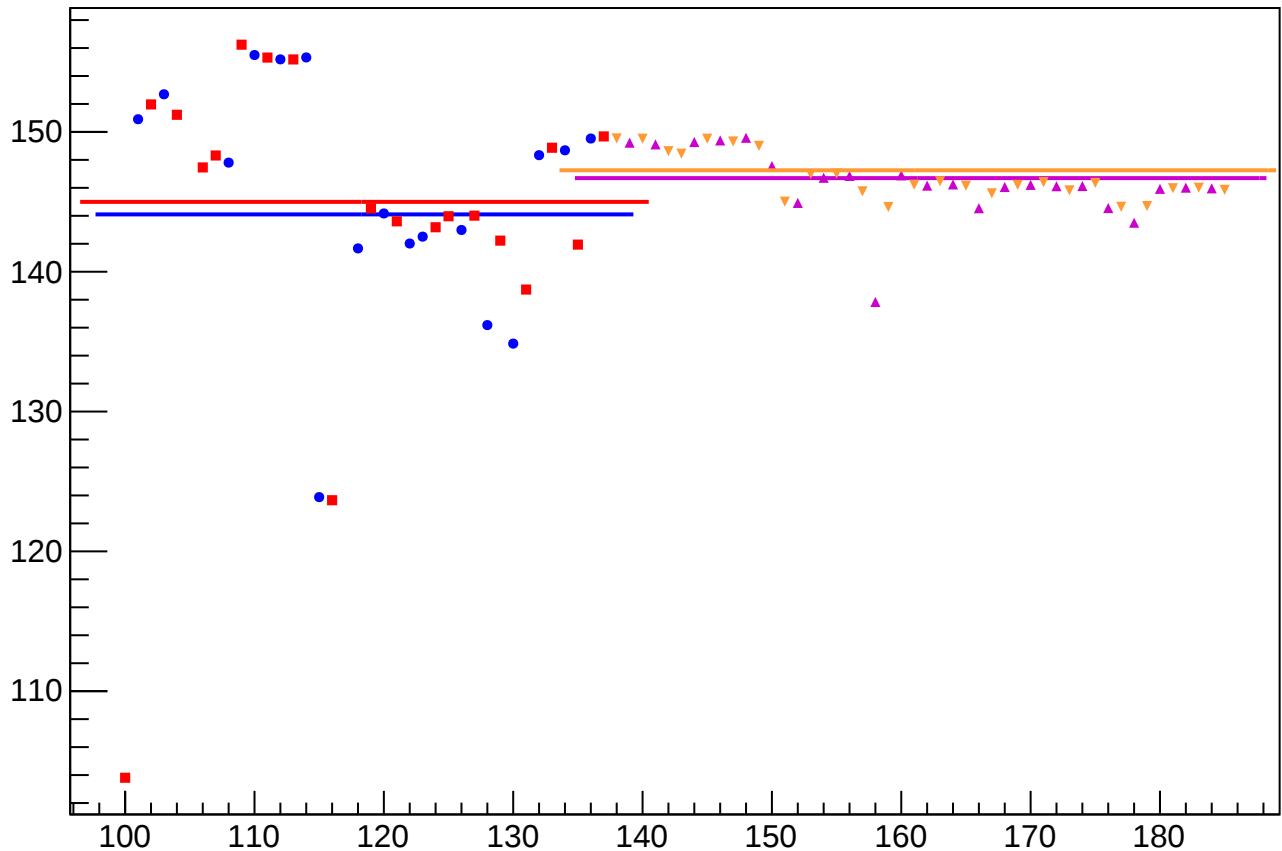
Left In: 0.435 $\pm$ 0.000 χ^2 /NDF:1502712.5/22

+ sign 0.388 $\pm$ 0.000 χ^2 /NDF: 4032140.0/41

All: 0.389 $\pm$ 0.000 χ^2 /NDF: 7604895.4/83

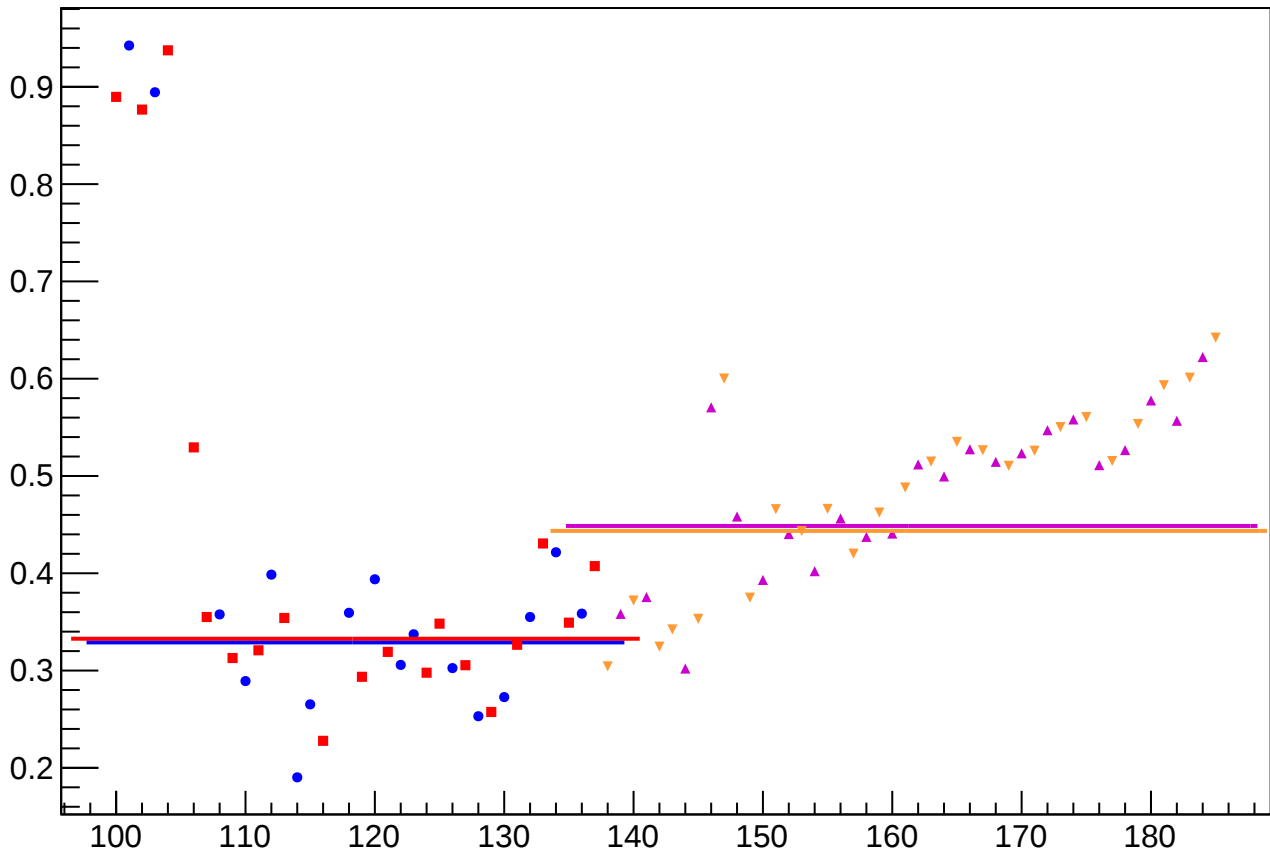
- sign 0.391 $\pm$ 0.000 χ^2 /NDF: 3571169.0/41

yield_bcm_dg_us_mean vs Slug



Right In: 144.101+/-0.000	χ^2/NDF : 3163250979.7/16	+ sign 146.091+/-0.000	χ^2/NDF : 3744964546.5/41
Left Out: 147.255+/-0.000	χ^2/NDF : 262129140.5/24	All: 146.061+/-0.000	χ^2/NDF : 8248761998.3
Right Out: 144.998+/-0.000	χ^2/NDF : 3853420991.4/18	- sign 146.030+/-0.000	χ^2/NDF : 4503539847.9/41
Left In: 146.695+/-0.000	χ^2/NDF : 557896803.1/22		

yield_bcm_dg_us_rms vs Slug



Right In: 0.329 ± 0.000 χ^2/NDF : 1259207.9/16

Left Out: 0.444 ± 0.000 χ^2/NDF : 1482246.5/24

Right Out: 0.333 ± 0.000 χ^2/NDF : 1181630.3/18

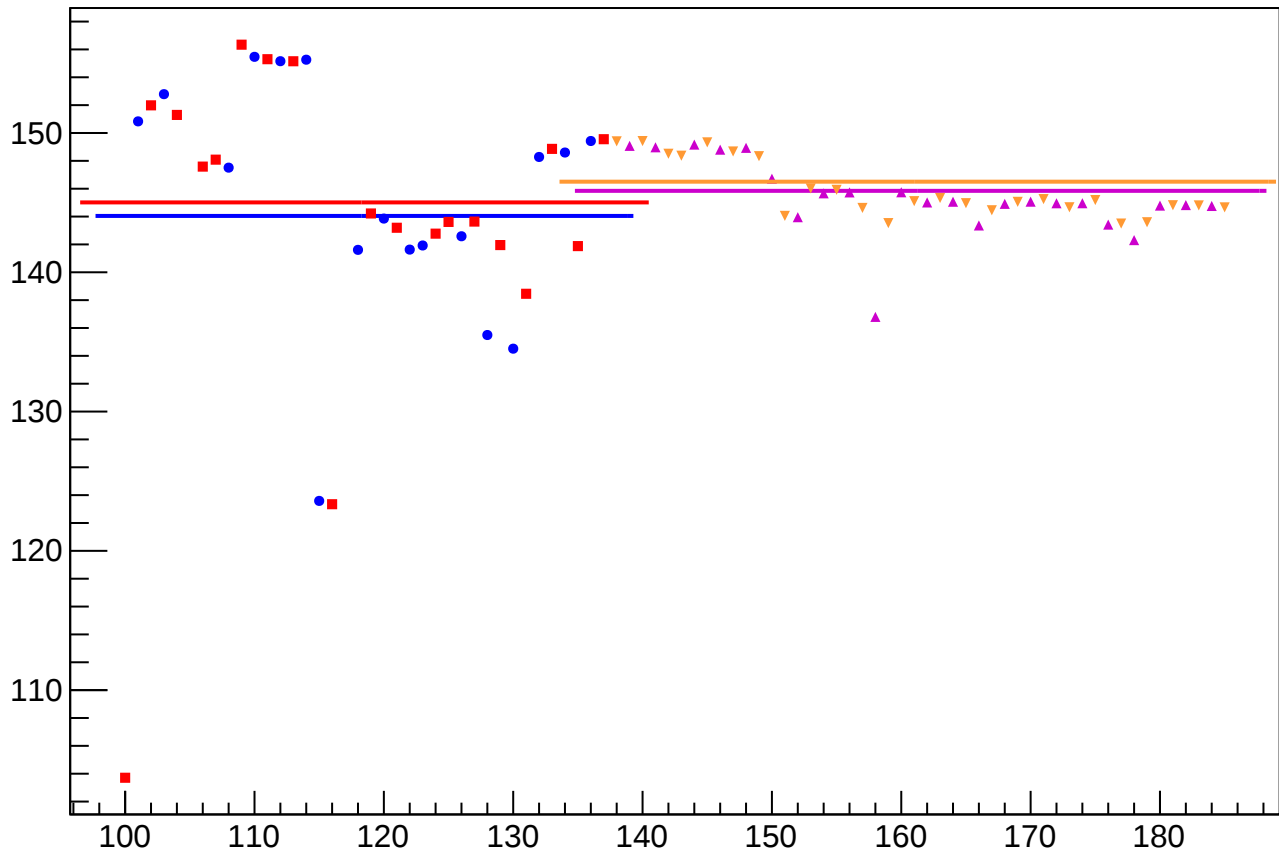
Left In: 0.449 ± 0.000 χ^2/NDF : 1132620.8/22

+ sign 0.401 ± 0.000 χ^2/NDF : 3585994.4/41

All: 0.402 ± 0.000 χ^2/NDF : 6760778.6/83

- sign 0.403 ± 0.000 χ^2/NDF : 3174281.8/41

yield_bcm_dg_ds_mean vs Slug



Right In: 144.046 $\pm$ 0.000 χ^2 /NDF: 3282867390.8/16

Left Out: 146.505 $\pm$ 0.000 χ^2 /NDF: 401668776.9/24

Right Out: 145.016 $\pm$ 0.000 χ^2 /NDF: 3929576449.5/18

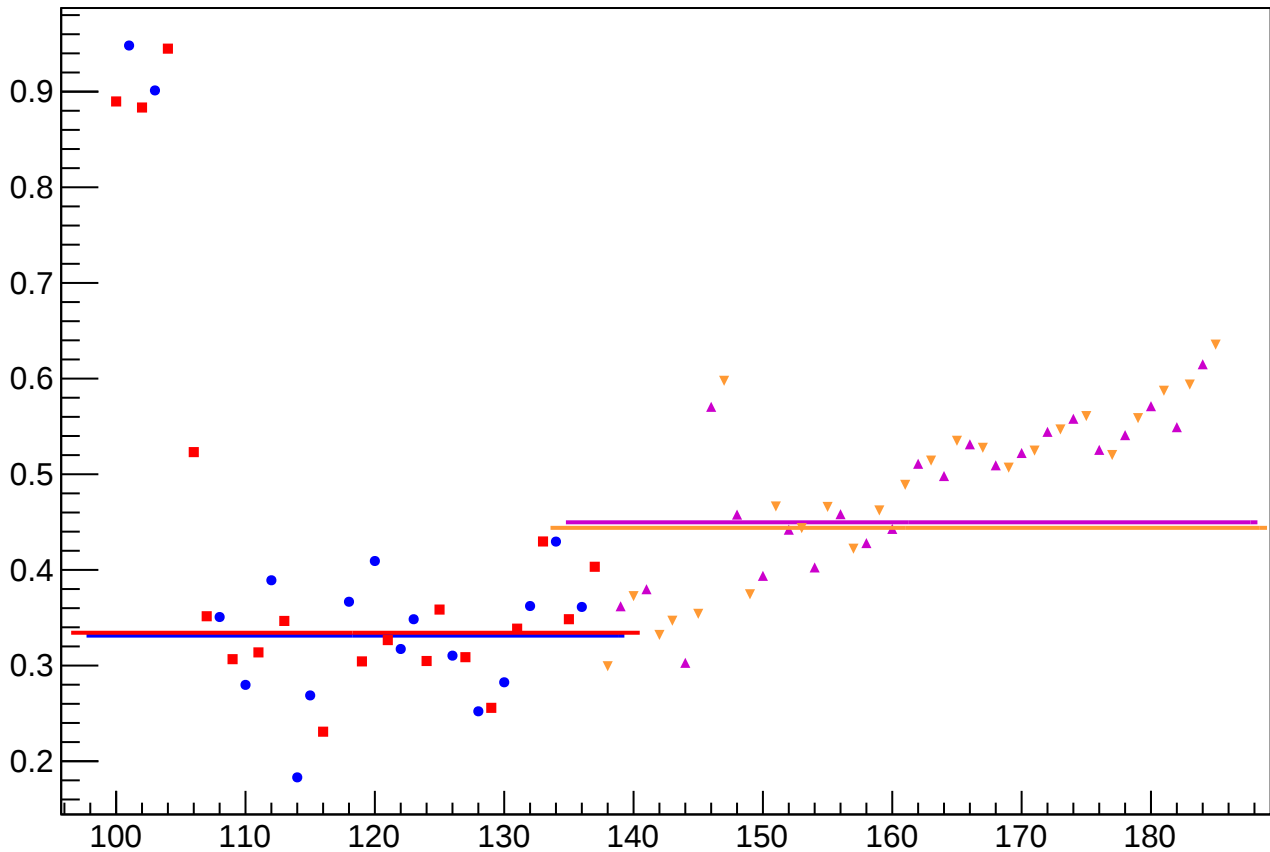
Left In: 145.847 $\pm$ 0.000 χ^2 /NDF: 694764545.6/22

+ sign 145.607 $\pm$ 0.000 χ^2 /NDF: 3876542064.6/41

All: 145.565 $\pm$ 0.000 χ^2 /NDF: 8523238175.1

- sign 145.522 $\pm$ 0.000 χ^2 /NDF: 4646214846.7/41

yield_bcm_dg_ds_rms vs Slug



Right In: 0.331 ± 0.000 χ^2/NDF : 1275232.9/16

Left Out: 0.444 ± 0.000 χ^2/NDF : 1462158.0/24

Right Out: 0.334 ± 0.000 χ^2/NDF : 1170223.7/18

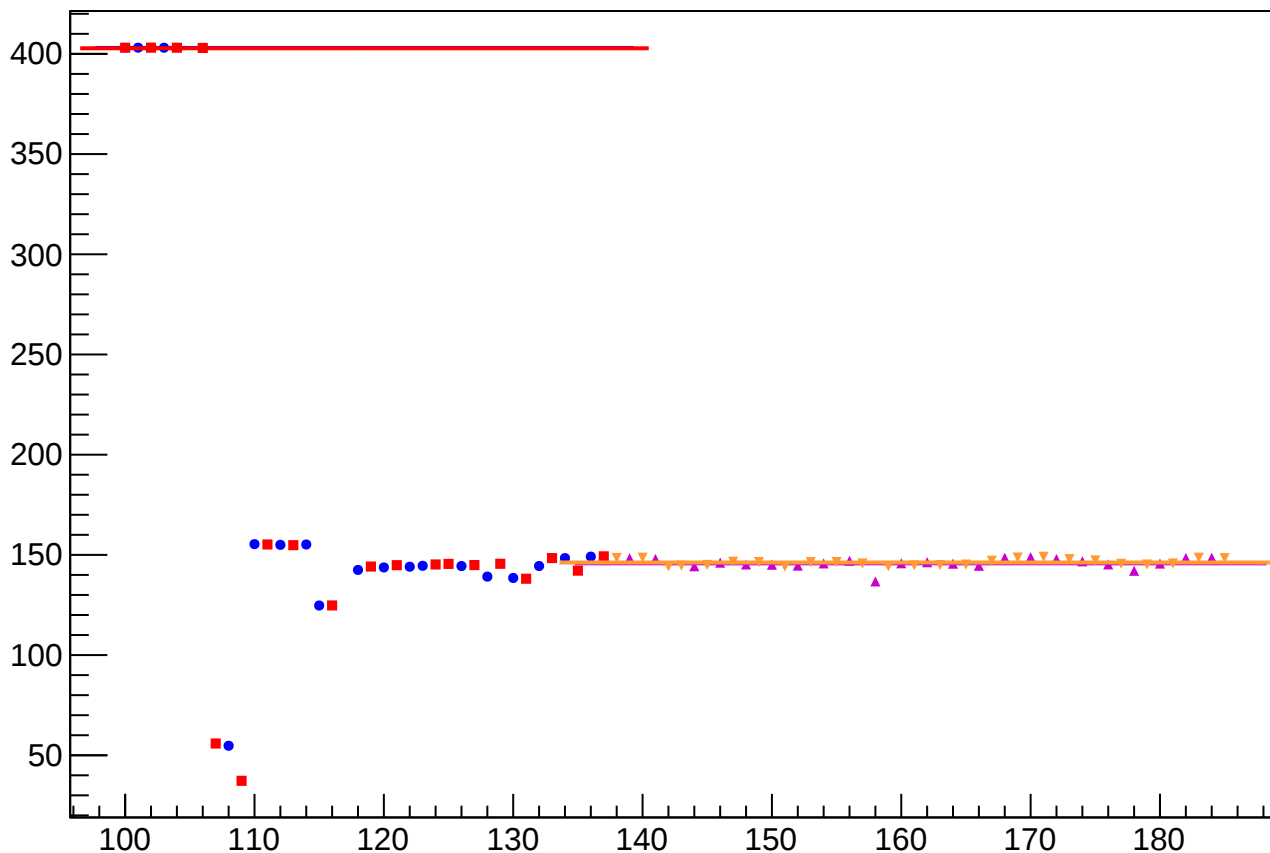
Left In: 0.450 ± 0.000 χ^2/NDF : 1105405.0/22

+ sign 0.403 ± 0.000 χ^2/NDF : 3543275.4/41

All: 0.404 ± 0.000 χ^2/NDF : 6665080.5/83

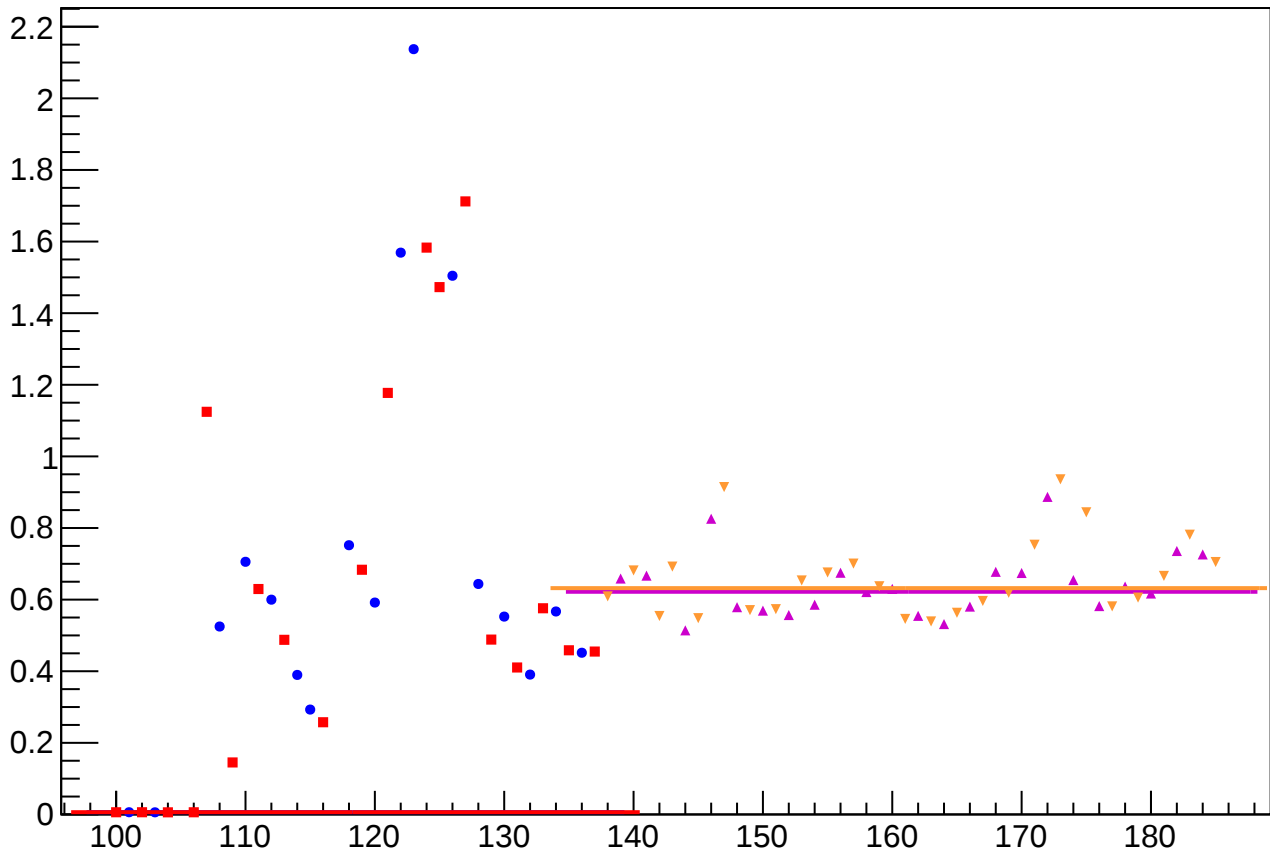
- sign 0.405 ± 0.000 χ^2/NDF : 3121350.9/41

yield_cav4bQ_mean vs Slug



Right In: 402.957 $\pm$ 0.000 χ^2/NDF : 1095567172365.3/16
 Left Out: 146.205 $\pm$ 0.000 χ^2/NDF : 86588805.1/24
 Right Out: 402.799 $\pm$ 0.000 χ^2/NDF : 3104385504690.3/18
 Left In: 145.773 $\pm$ 0.000 χ^2/NDF : 207332354.9/22

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 9047828.5/16

Left Out: 0.632+/-0.000 χ^2/NDF : 613798.3/24

Right Out: 0.006+/-0.000 χ^2/NDF : 9152692.1/18

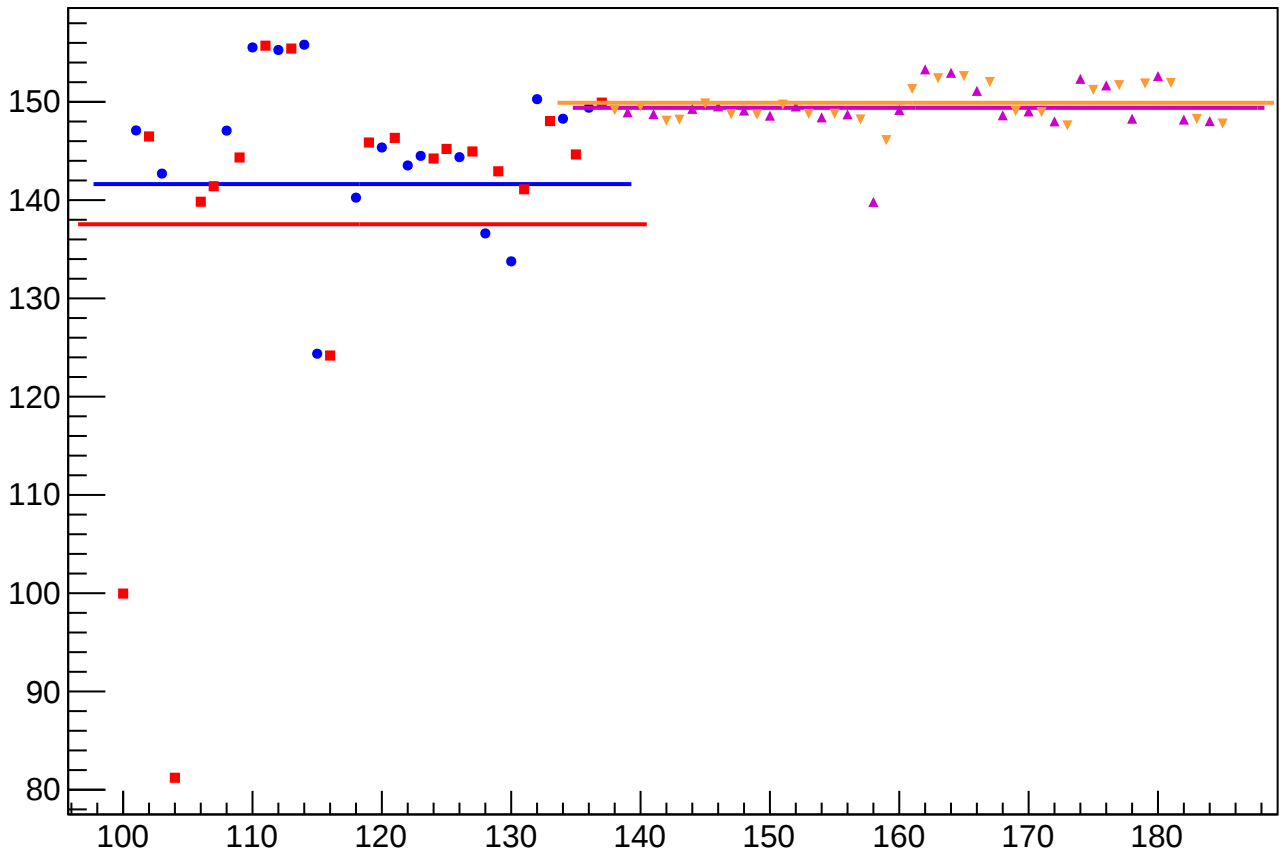
Left In: 0.622+/-0.000 χ^2/NDF : 404479.0/22

+ sign 0.007+/-0.000 χ^2/NDF : 37832430.1/41

All: 0.007+/-0.000 χ^2/NDF : 74320655.3/83

- sign 0.007+/-0.000 χ^2/NDF : 36487806.2/41

yield_cav4cQ_mean vs Slug



Right In: 141.632 $\pm$ 0.000 χ^2 /NDF: 977430315.6/16

Left Out: 149.906 $\pm$ 0.000 χ^2 /NDF:163225884.9/24

Right Out: 137.543 $\pm$ 0.000 χ^2 /NDF: 1320254355.4/18

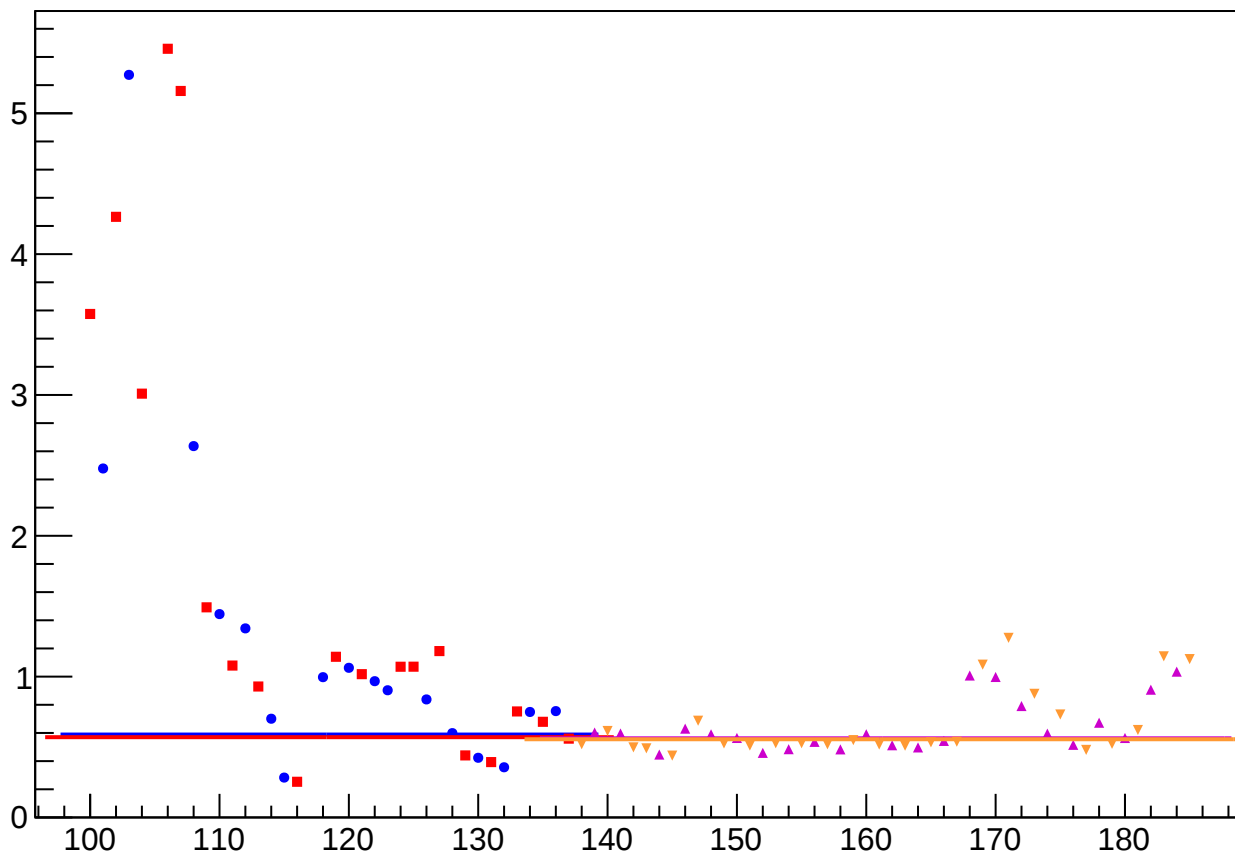
Left In: 149.391 $\pm$ 0.000 χ^2 /NDF:437129920.4/22

+ sign 148.535 $\pm$ 0.000 χ^2 /NDF: 1718267001.7/41

All: 147.908 $\pm$ 0.000 χ^2 /NDF: 4732365930.7

- sign 147.249 $\pm$ 0.000 χ^2 /NDF: 2964873145.3/41

yield_cav4cQ_rms vs Slug



Right In: 0.589+/-0.000 χ^2/NDF : 3472432.4/16

Left Out: 0.555+/-0.000 χ^2/NDF :1773979.4/24

Right Out: 0.570+/-0.000 χ^2/NDF : 4646586.2/18

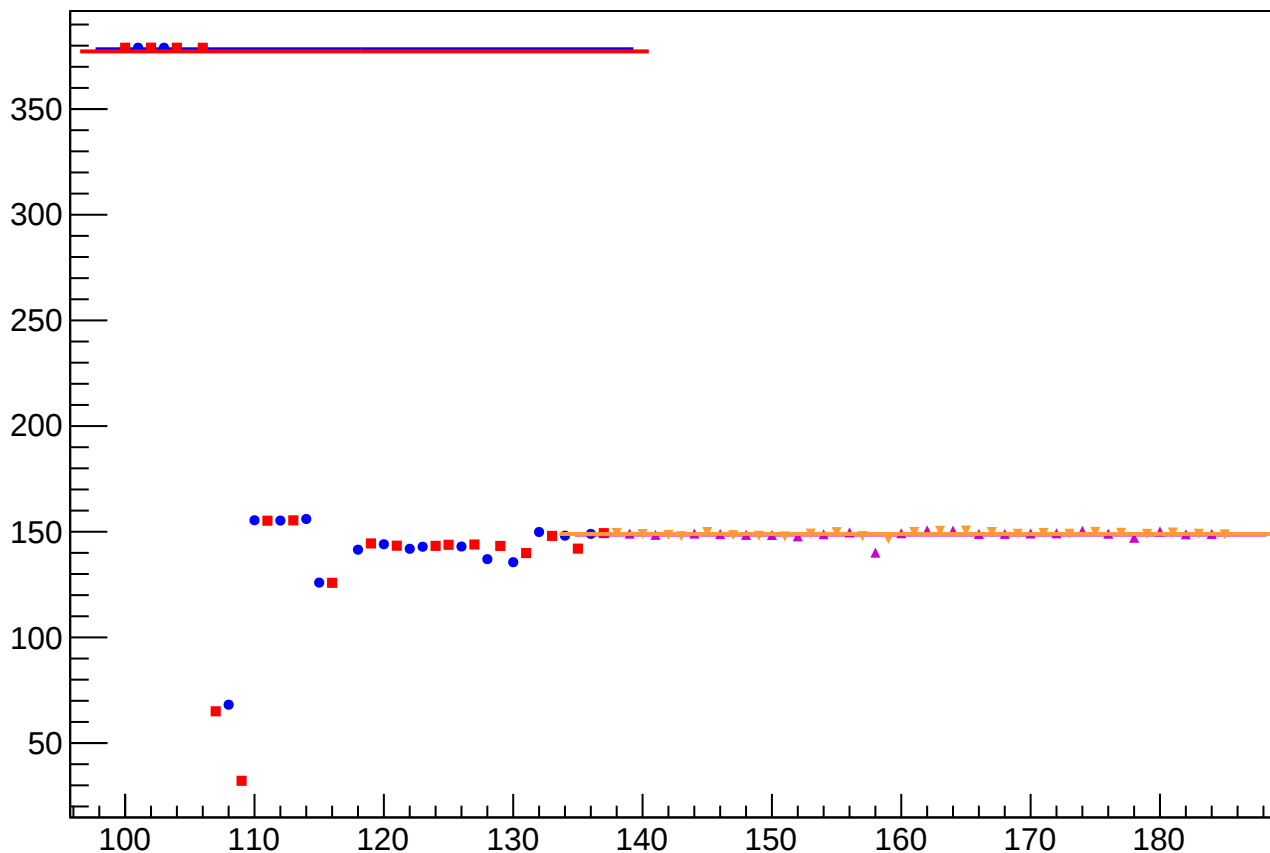
Left In: 0.562+/-0.000 χ^2/NDF :1311075.2/22

+ sign 0.561+/-0.000 χ^2/NDF : 5265151.4/41

All: 0.562+/-0.000 χ^2/NDF : 11224295.0/83

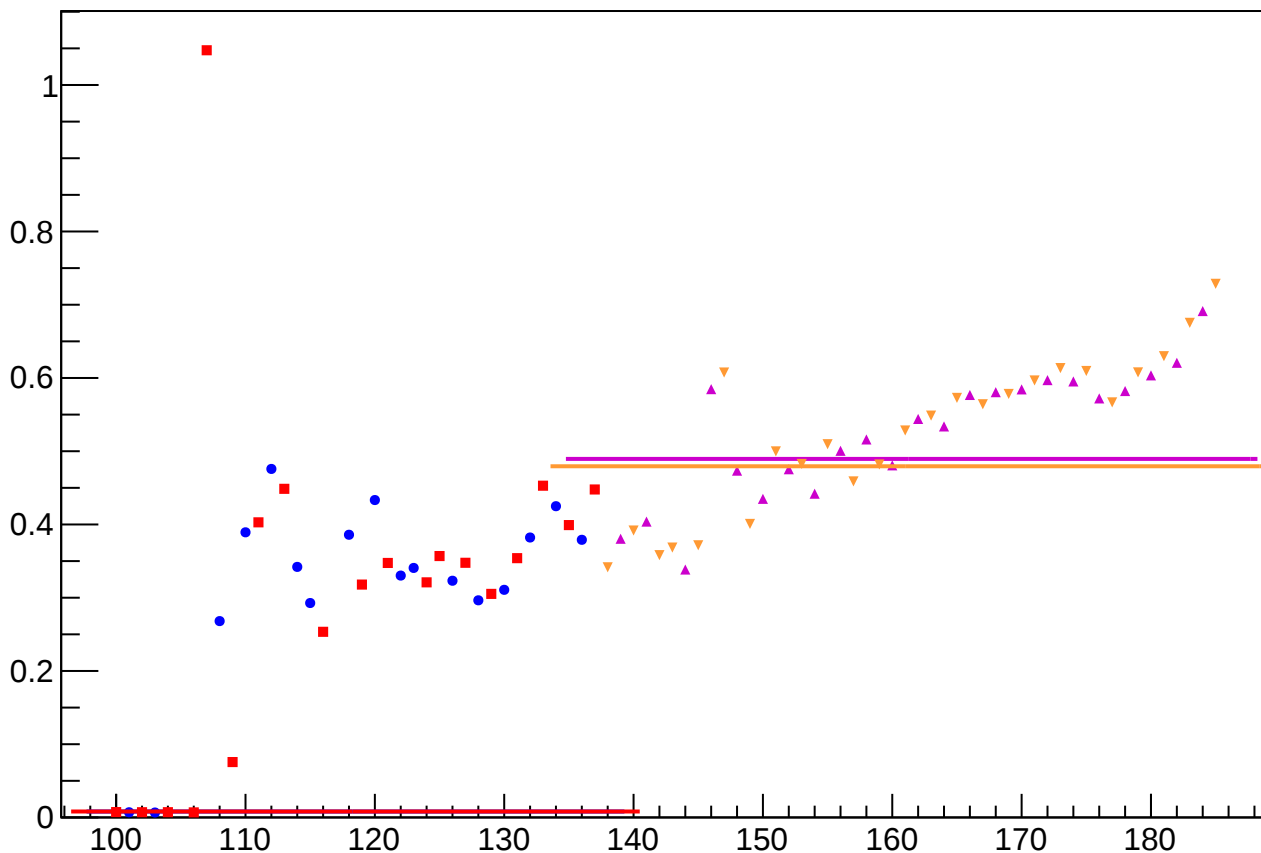
- sign 0.563+/-0.000 χ^2/NDF : 5958736.5/41

yield_cav4dQ_mean vs Slug



Right In: 378.290+/-0.000	χ^2/NDF : 2485728057854.8/16	+ sign 377.008+/-0.000	χ^2/NDF : 6400918628829.8
Left Out: 148.946+/-0.000	χ^2/NDF : 63975097.7/24	All: 376.607+/-0.000	χ^2/NDF : 182740588952
Right Out: 377.288+/-0.000	χ^2/NDF : 8283929719012.3/18	- sign 376.255+/-0.000	χ^2/NDF : 11869102036140.6
Left In: 148.683+/-0.000	χ^2/NDF : 253848207.3/22		

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 9762871.0/16

Left Out: 0.479+/-0.000 χ^2/NDF : 1517512.7/24

Right Out: 0.008+/-0.000 χ^2/NDF : 9478867.5/18

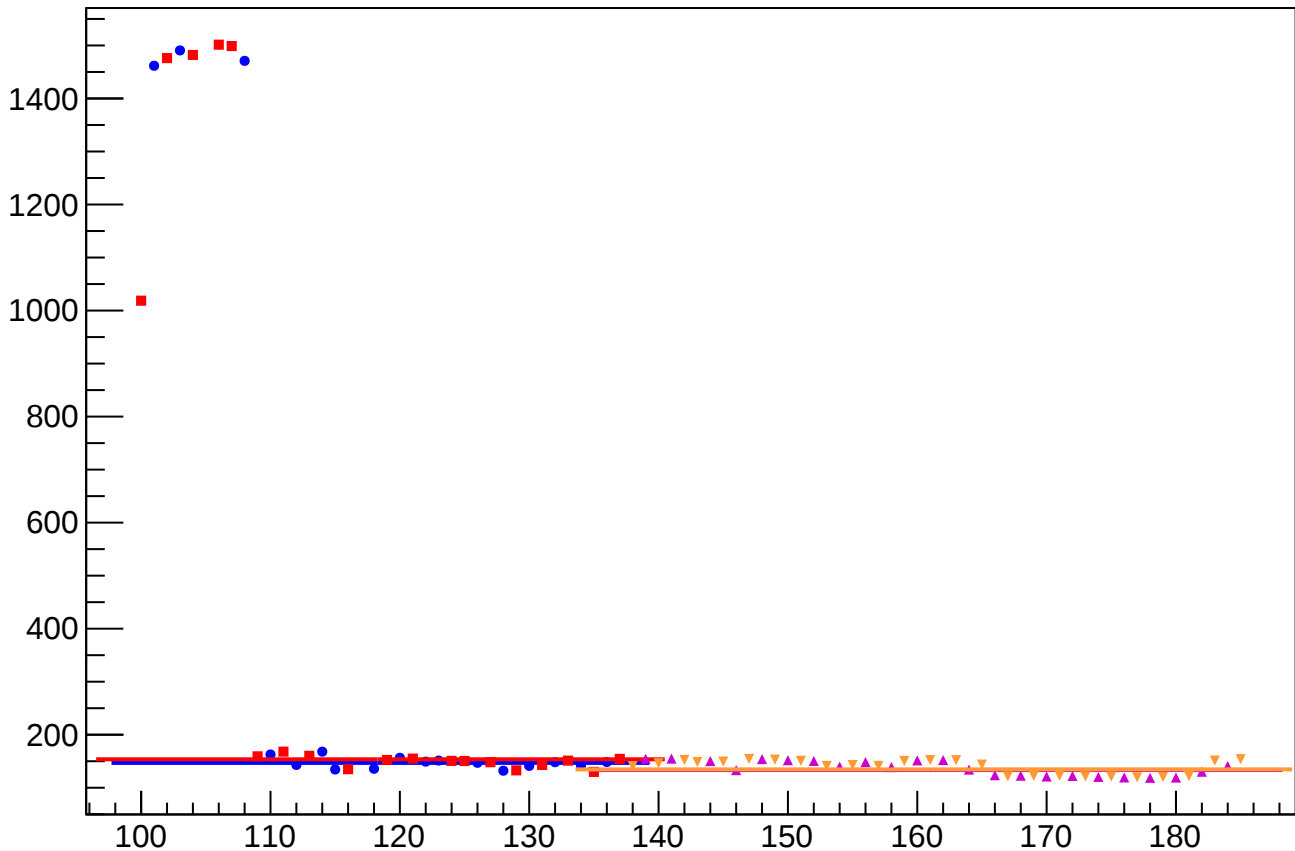
Left In: 0.490+/-0.000 χ^2/NDF : 1090532.3/22

+ sign 0.011+/-0.000 χ^2/NDF : 44354066.7/41

All: 0.011+/-0.000 χ^2/NDF : 86716992.0/83

- sign 0.010+/-0.000 χ^2/NDF : 42360279.8/41

yield_bcm0l02_mean vs Slug



Right In: 146.867 ± 0.000 χ^2/NDF : 24355015272.8/16

Left Out: 134.580 ± 0.000 χ^2/NDF : 4385027599.4/24

Right Out: 153.610 ± 0.000 χ^2/NDF : 33790758108.7/18

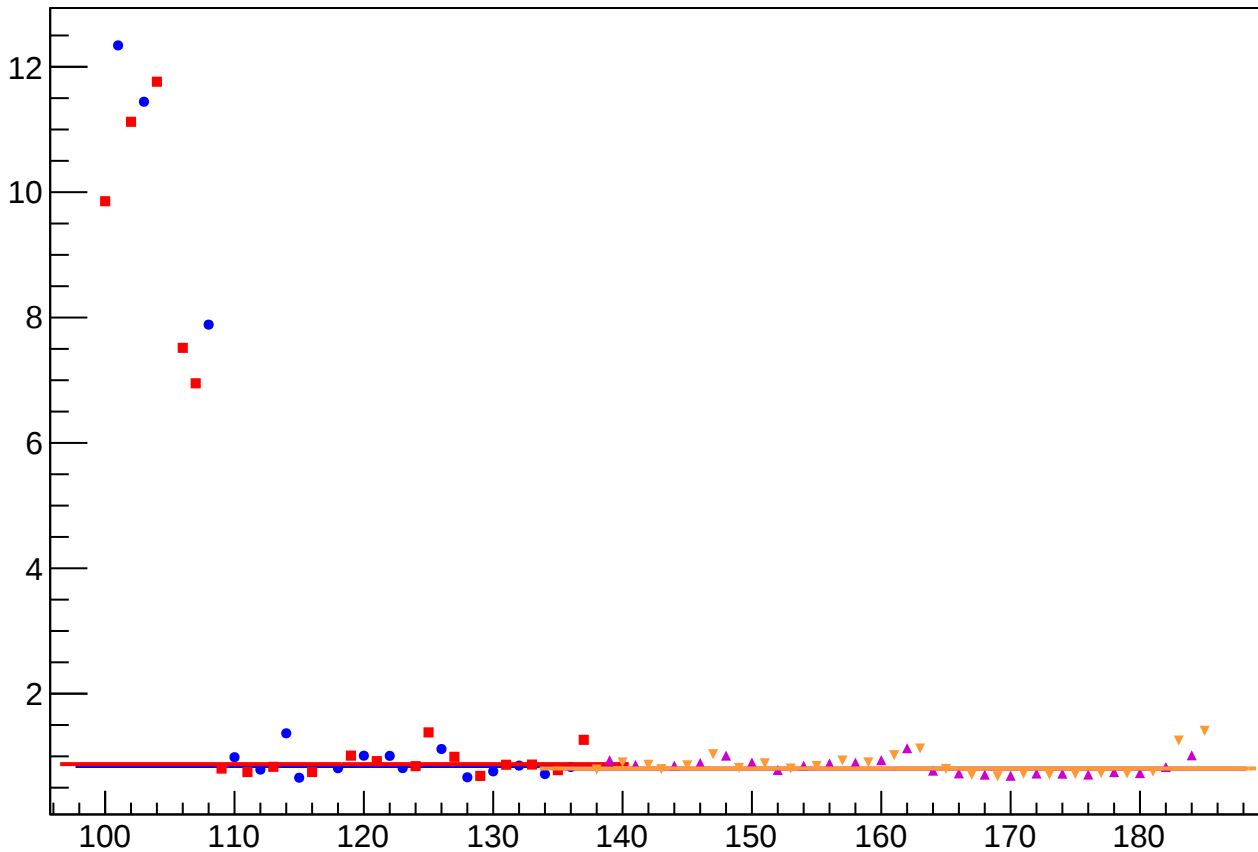
Left In: 133.309 ± 0.000 χ^2/NDF : 4353039408.6/22

+ sign 136.809 ± 0.000 χ^2/NDF : 29390146327.6/41

All: 136.962 ± 0.000 χ^2/NDF : 69310209014.0

- sign 137.119 ± 0.000 χ^2/NDF : 39918684587.0/41

yield_bcm0l02_rms vs Slug



Right In: 0.846 ± 0.000 χ^2/NDF : 2668298.4/16

Left Out: 0.807 ± 0.000 χ^2/NDF : 705419.3/24

Right Out: 0.876 ± 0.000 χ^2/NDF : 2828930.0/18

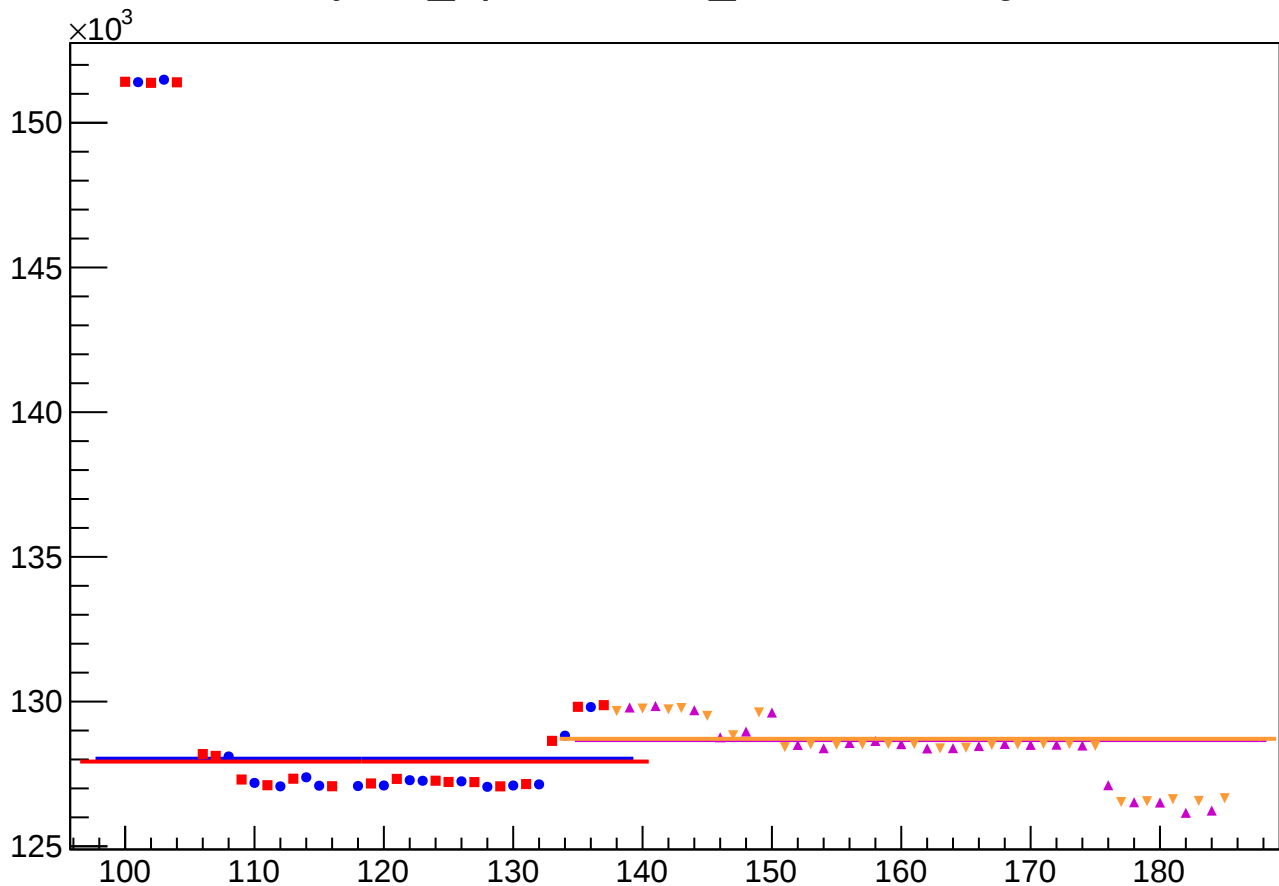
Left In: 0.805 ± 0.000 χ^2/NDF : 479689.4/22

+ sign 0.814 ± 0.000 χ^2/NDF : 3387214.6/41

All: 0.816 ± 0.000 χ^2/NDF : 6740348.4/83

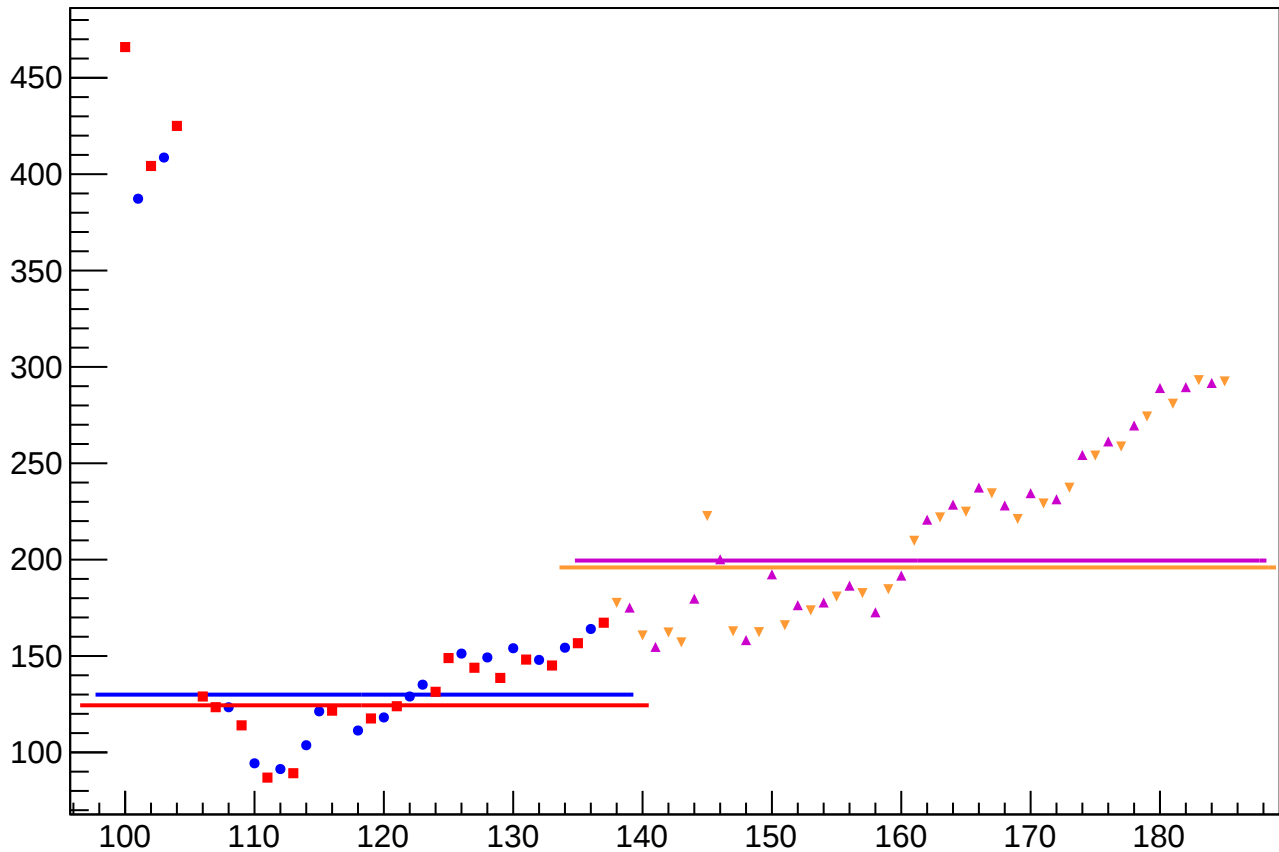
- sign 0.818 ± 0.000 χ^2/NDF : 3352646.8/41

yield_bpm2i01WS_mean vs Slug



Right In: 128026.197 $\pm$ 0.055 χ^2/NDF : 4315820742.0/16
 Left Out: 128714.059 $\pm$ 0.047 χ^2/NDF : 348029903.0/24
 Right Out: 127927.799 $\pm$ 0.050 χ^2/NDF : 3766946876.4/18
 Left In: 128670.094 $\pm$ 0.049 χ^2/NDF : 334875494.0/22
 + sign 128423.974 $\pm$ 0.035 χ^2/NDF : 4755522735.8
 All: 128366.594 $\pm$ 0.025 χ^2/NDF : 897443460
 - sign 128310.541 $\pm$ 0.035 χ^2/NDF : 4213740863.5

yield_bpm2i01WS_rms vs Slug



Right In: 129.956+/-0.039 χ^2/NDF : 1484094.0/16

Left Out: 195.953+/-0.033 χ^2/NDF : 1315215.7/24

Right Out: 124.419+/-0.036 χ^2/NDF : 1525709.6/18

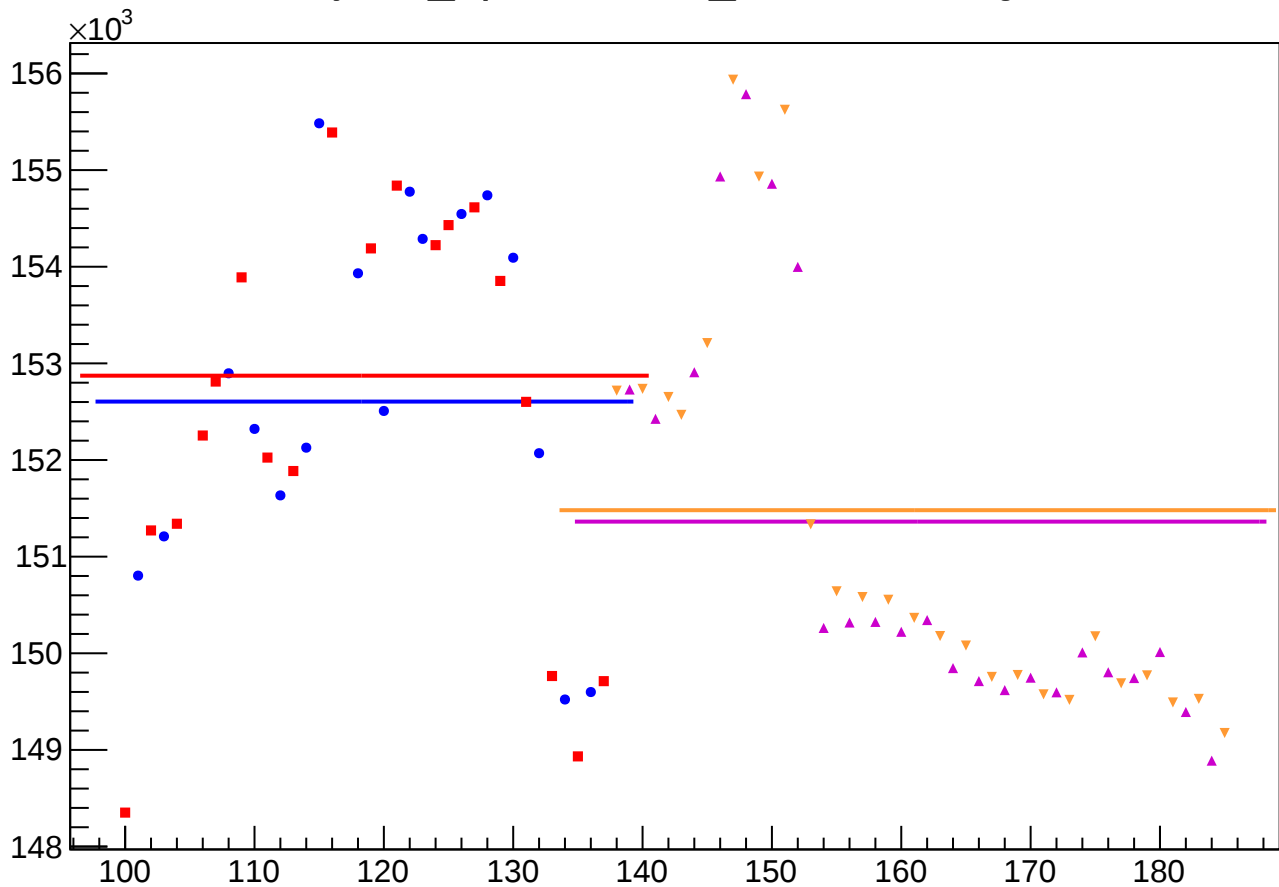
Left In: 199.531+/-0.035 χ^2/NDF : 1175342.5/22

+ sign 168.121+/-0.025 χ^2/NDF : 4487055.8/41

All: 165.606+/-0.018 χ^2/NDF : 9499894.8/83

- sign 163.148+/-0.025 χ^2/NDF : 4992964.8/41

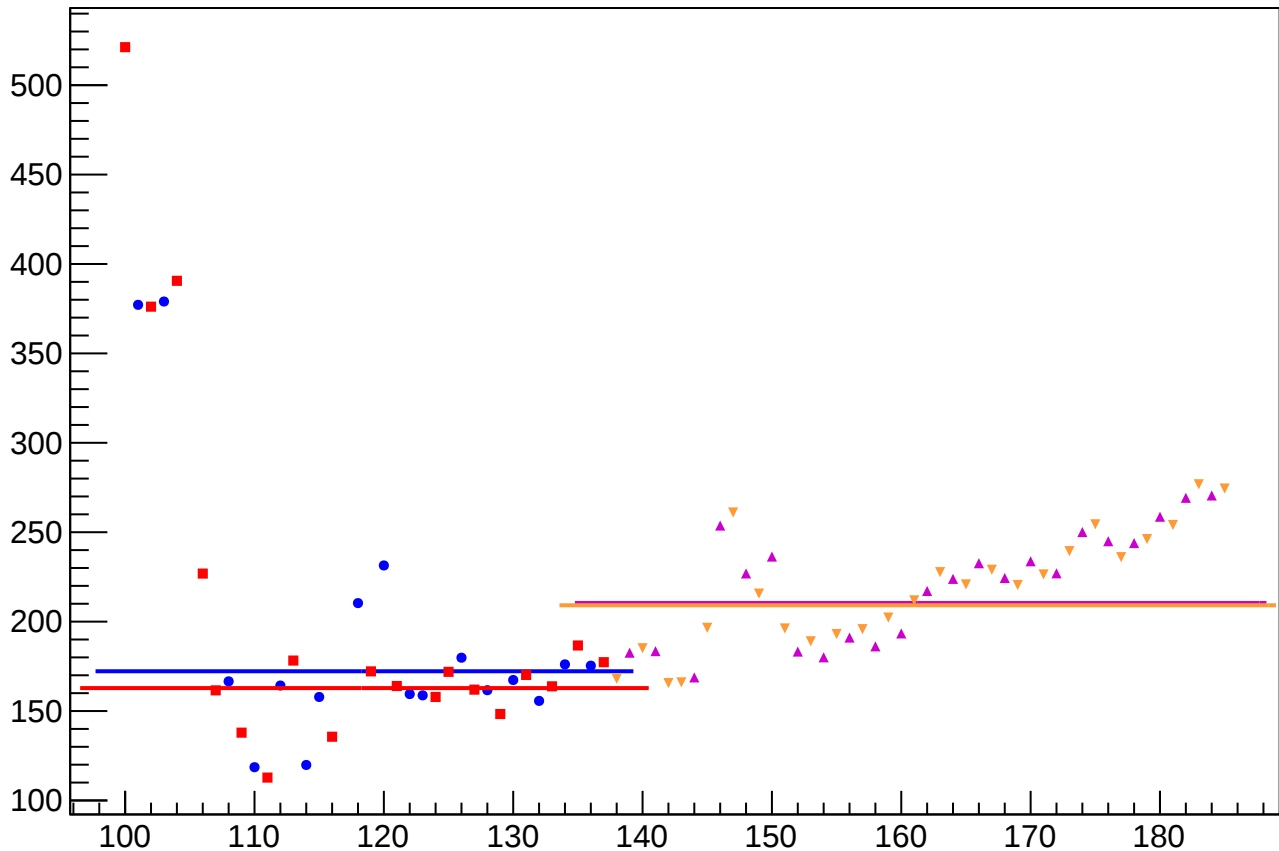
yield_bpm0i07WS_mean vs Slug



Right In: 152604.581 ± 0.072 $\chi^2/\text{NDF}: 618623287.4/16$
 Left Out: 151480.652 ± 0.049 $\chi^2/\text{NDF}: 1483436740.8/24$
 Right Out: 152872.589 ± 0.066 $\chi^2/\text{NDF}: 715748064.0/18$
 Left In: 151362.440 ± 0.051 $\chi^2/\text{NDF}: 1426782789.9/22$

+ sign 151838.585 ± 0.041 $\chi^2/\text{NDF}: 2266404426.6/16$
 All: 151883.535 ± 0.029 $\chi^2/\text{NDF}: 473671205.0/16$
 - sign 151927.766 ± 0.041 $\chi^2/\text{NDF}: 2467904728.5/16$

yield_bpm0i07WS_rms vs Slug



Right In: 172.246 $\pm$ 0.051 χ^2 /NDF: 925645.6/16

Left Out: 209.146 $\pm$ 0.035 χ^2 /NDF: 709639.9/24

Right Out: 162.843 $\pm$ 0.047 χ^2 /NDF: 1031113.1/18

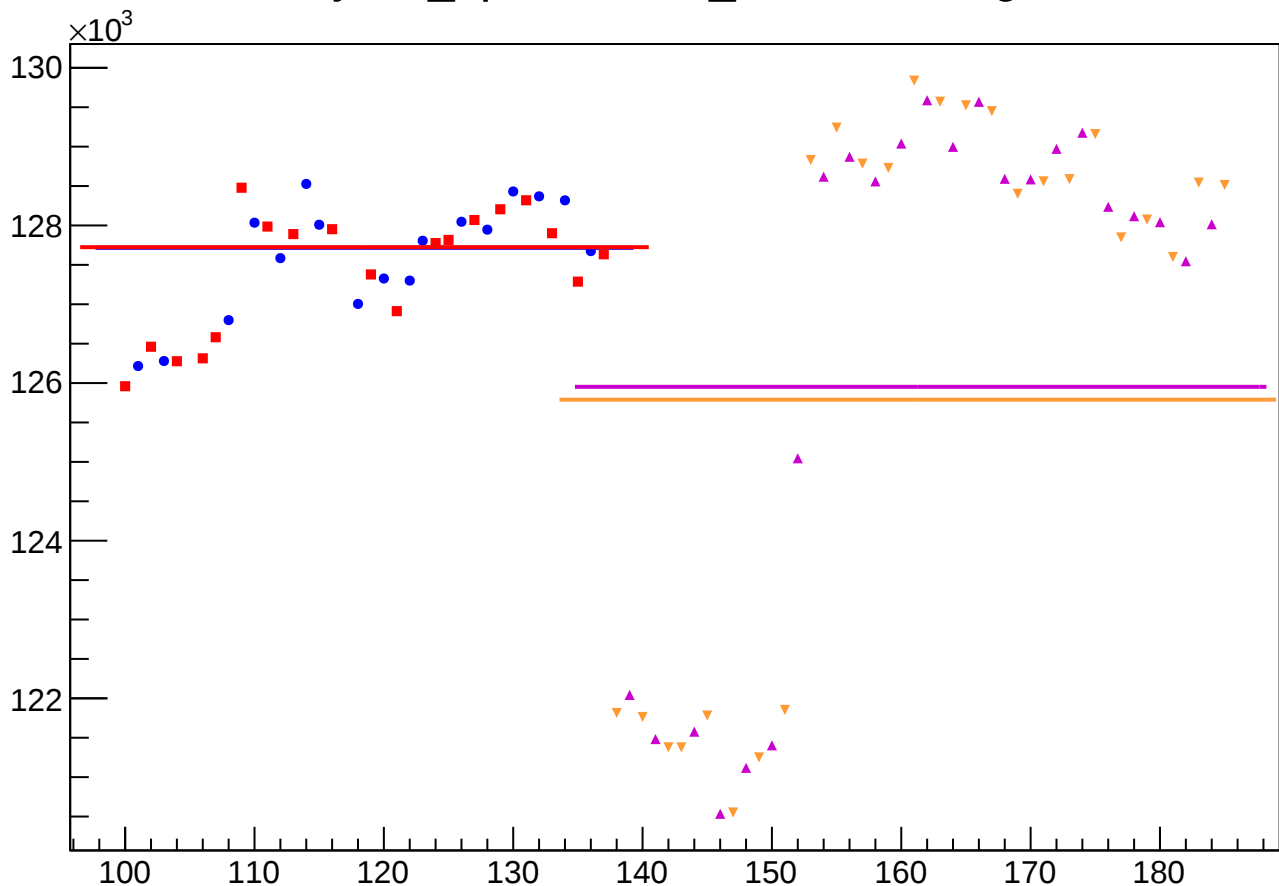
Left In: 210.431 $\pm$ 0.036 χ^2 /NDF: 684015.0/22

+ sign 197.395 $\pm$ 0.029 χ^2 /NDF: 1989581.7/41

All: 194.986 $\pm$ 0.020 χ^2 /NDF: 4364709.1/83

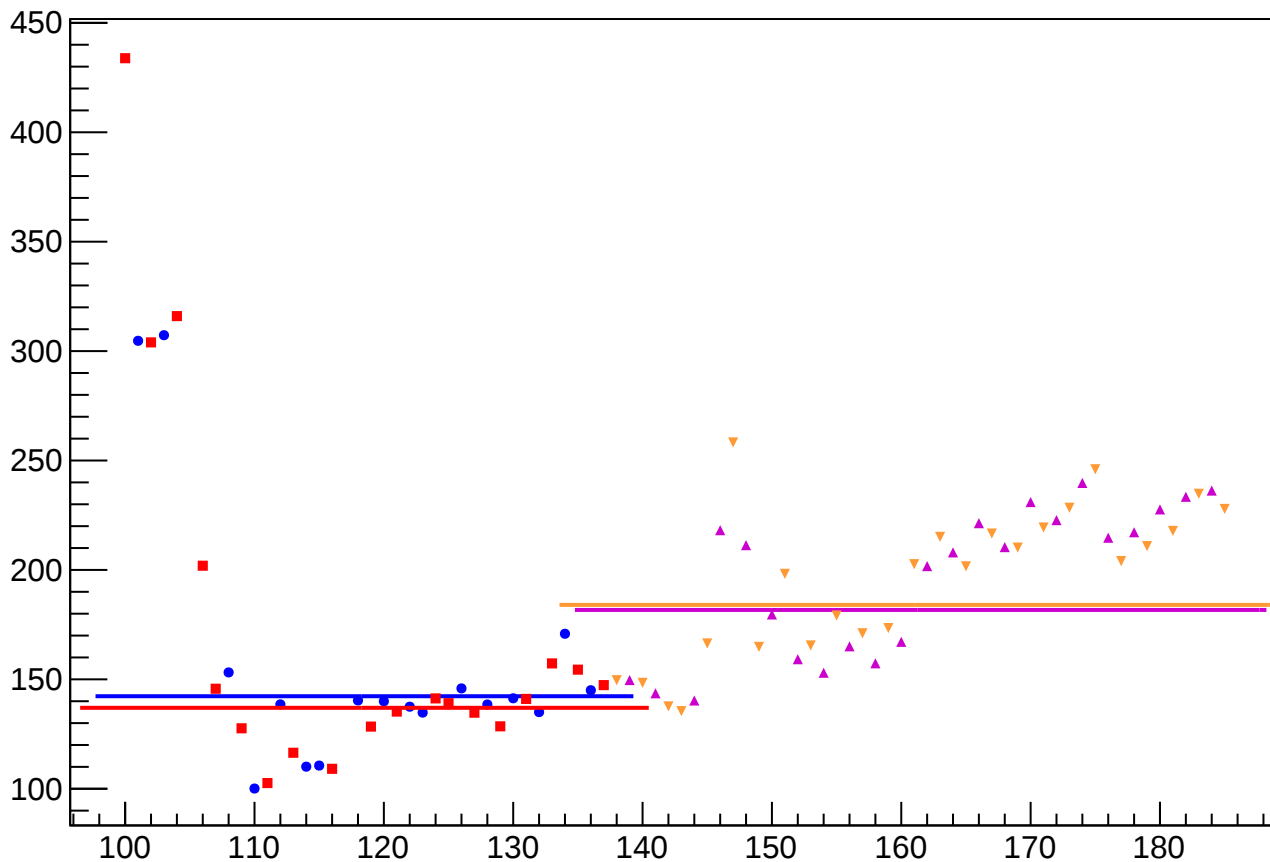
- sign 192.616 $\pm$ 0.029 χ^2 /NDF: 2361328.5/41

yield_bpm0l01WS_mean vs Slug



Right In: 127716.166 $\pm$ 0.058	χ^2 /NDF: 94931980.7/16	+ sign 126486.358 $\pm$ 0.035	χ^2 /NDF: 7532952272.2
Left Out: 125789.595 $\pm$ 0.044	χ^2 /NDF: 6743558526.9/24	All: 126576.486 $\pm$ 0.025	χ^2 /NDF: 141321635
Right Out: 127724.552 $\pm$ 0.055	χ^2 /NDF: 112583303.4/18	- sign 126663.710 $\pm$ 0.035	χ^2 /NDF: 6586256734.0
Left In: 125952.447 $\pm$ 0.045	χ^2 /NDF: 5841800367.5/22		

yield_bpm0l01WS_rms vs Slug



Right In: 142.282 ± 0.041 χ^2/NDF : 836459.8/16

Left Out: 184.023 ± 0.031 χ^2/NDF : 1126483.3/24

Right Out: 136.989 ± 0.039 χ^2/NDF : 956883.0/18

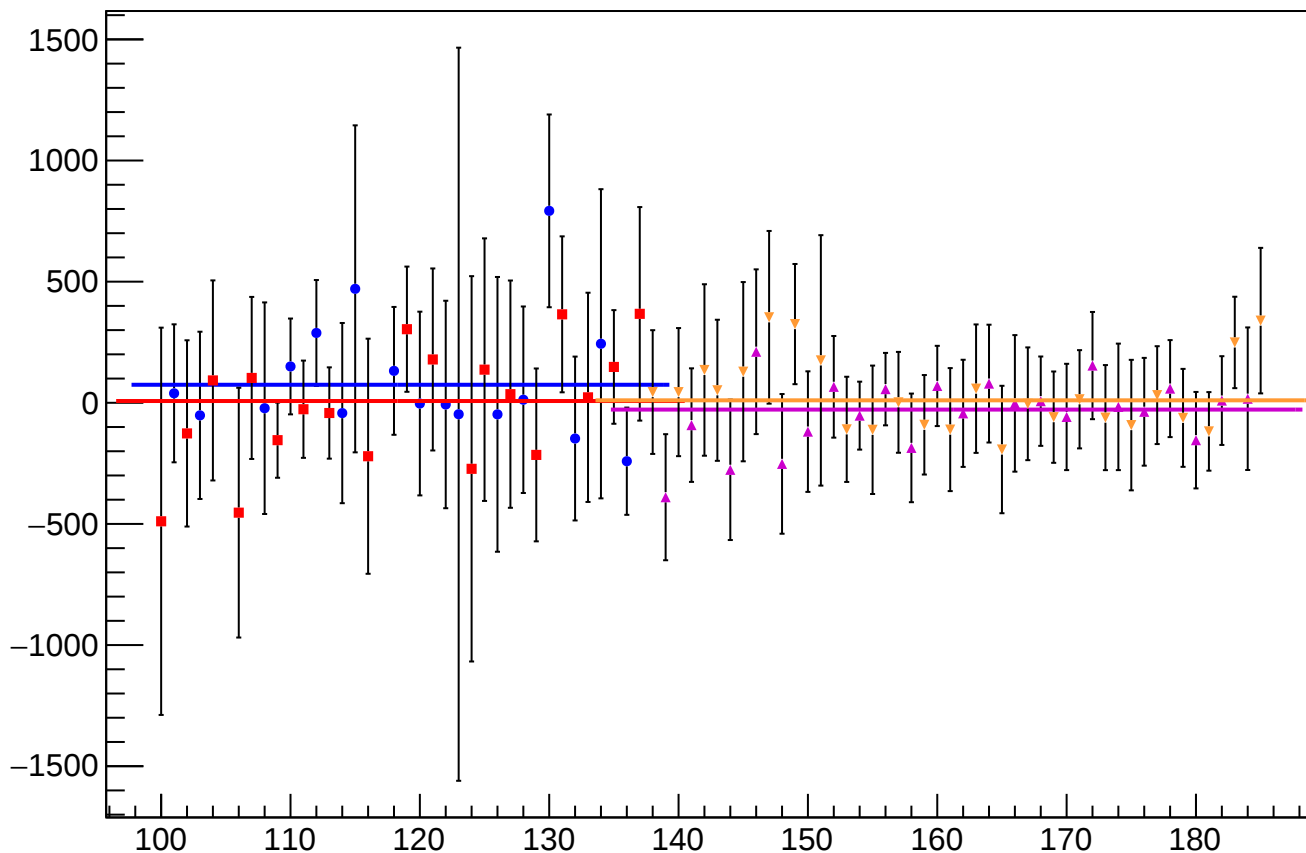
Left In: 181.714 ± 0.032 χ^2/NDF : 1116142.0/22

+ sign 168.927 ± 0.025 χ^2/NDF : 2614939.0/41

All: 166.303 ± 0.017 χ^2/NDF : 5514889.1/83

- sign 163.763 ± 0.024 χ^2/NDF : 2877983.4/41

asym_bcm_an_ds_mean vs Slug



Right In: 74.411 $\pm$ 79.831 χ^2 /NDF: 7.7/16

Left Out: 10.191 $\pm$ 47.500 χ^2 /NDF: 8.5/24

Right Out: 7.330 $\pm$ 70.110 χ^2 /NDF: 7.2/18

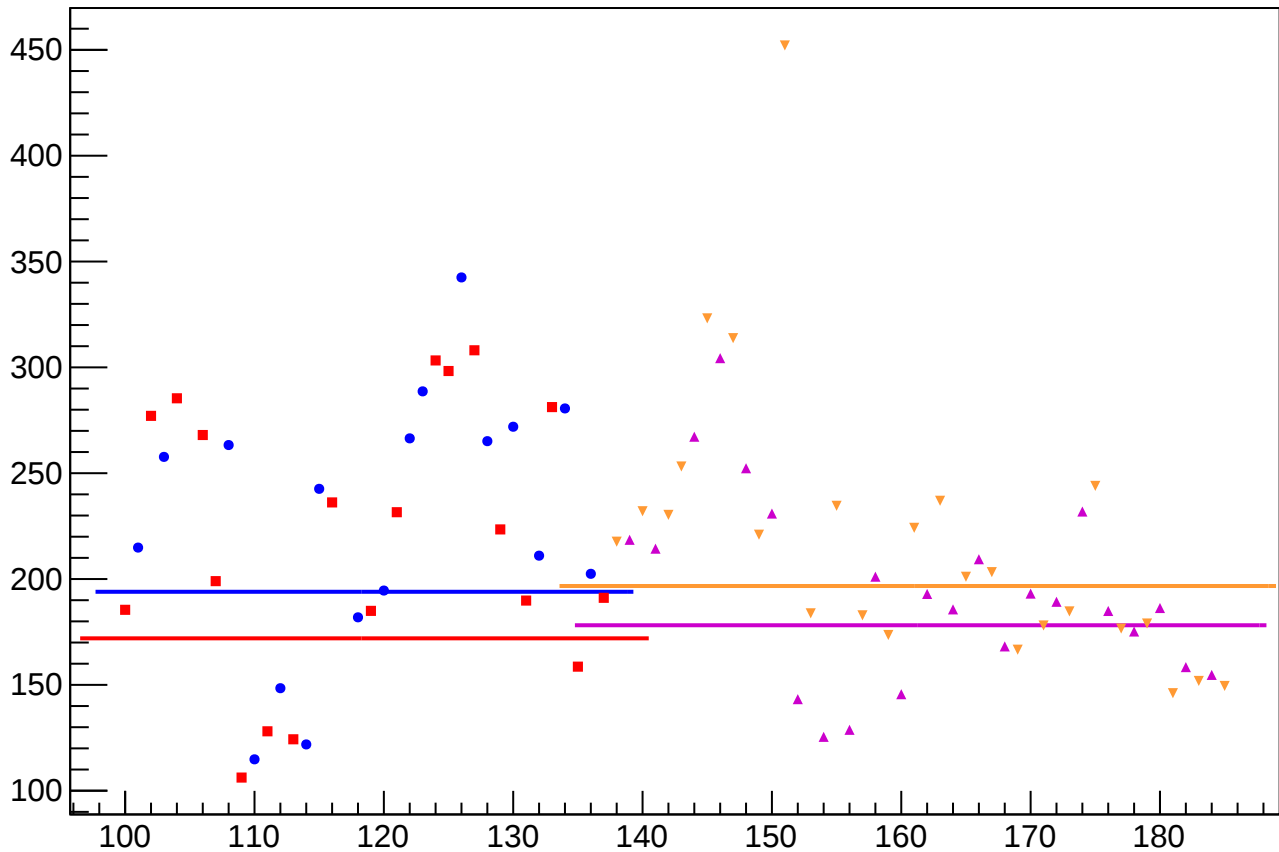
Left In: -28.050 $\pm$ 44.573 χ^2 /NDF: 7.0/22

+ sign 26.983 $\pm$ 40.820 χ^2 /NDF: 16.7/41

All: 2.728 $\pm$ 27.662 χ^2 /NDF: 31.7/83

- sign -17.866 $\pm$ 37.615 χ^2 /NDF: 14.3/41

asym_bcm_an_ds_rms vs Slug



Right In: 193.981 $\pm$ 0.056 χ^2 /NDF: 1018863.8/16

Left Out: 196.707 $\pm$ 0.034 χ^2 /NDF: 1781599.6/24

Right Out: 171.982 $\pm$ 0.050 χ^2 /NDF: 1574584.7/18

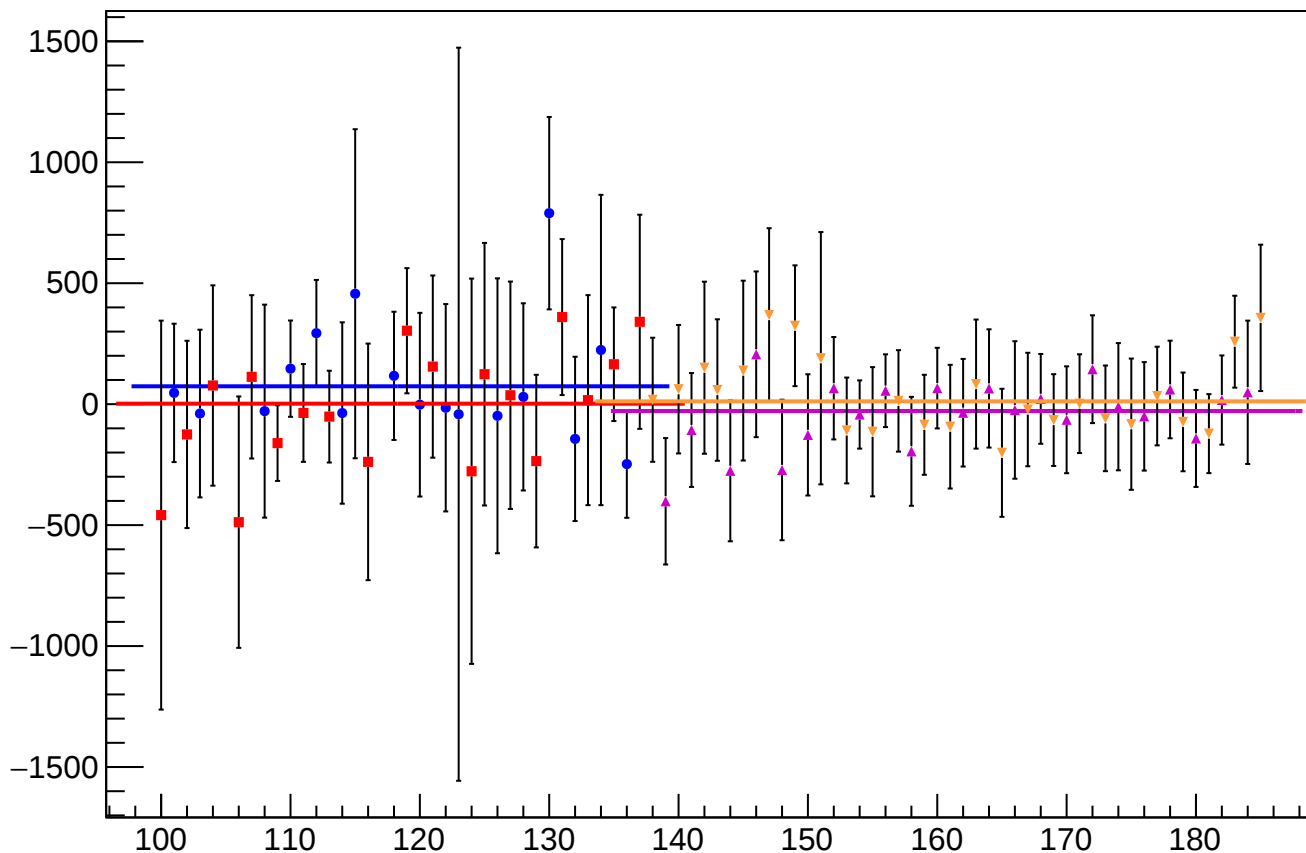
Left In: 178.166 $\pm$ 0.032 χ^2 /NDF: 1618967.9/22

+ sign 195.994 $\pm$ 0.029 χ^2 /NDF: 2802185.6/41

All: 185.390 $\pm$ 0.020 χ^2 /NDF: 6256384.5/83

- sign 176.386 $\pm$ 0.027 χ^2 /NDF: 3204631.3/41

asym_bcm_an_ds3_mean vs Slug



Right In: 73.870+/-80.221 χ^2/NDF : 7.7/16

Left Out: 11.624+/-47.831 χ^2/NDF : 8.9/24

Right Out: 2.039+/-70.480 χ^2/NDF : 7.4/18

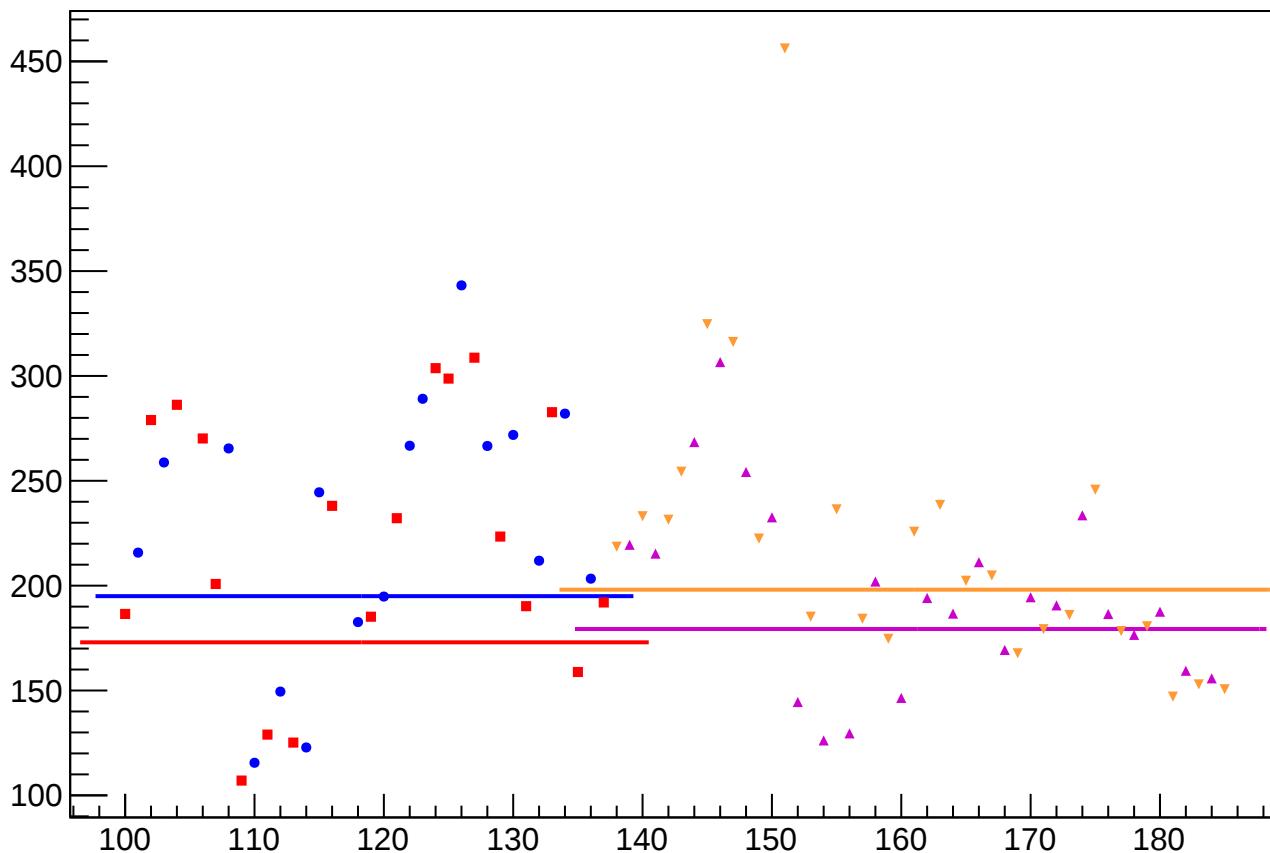
Left In: -28.280+/-44.863 χ^2/NDF : 7.1/22

+ sign 27.949+/-41.083 χ^2/NDF : 17.0/41

All: 2.262+/-27.835 χ^2/NDF : 32.3/83

- sign -19.538+/-37.846 χ^2/NDF : 14.6/41

asym_bcm_an_ds3_rms vs Slug



Right In: 194.991 $\pm$ 0.057 χ^2 /NDF: 1010319.8/16

Left Out: 198.084 $\pm$ 0.034 χ^2 /NDF: 1777419.6/24

Right Out: 172.973 $\pm$ 0.050 χ^2 /NDF: 1562363.3/18

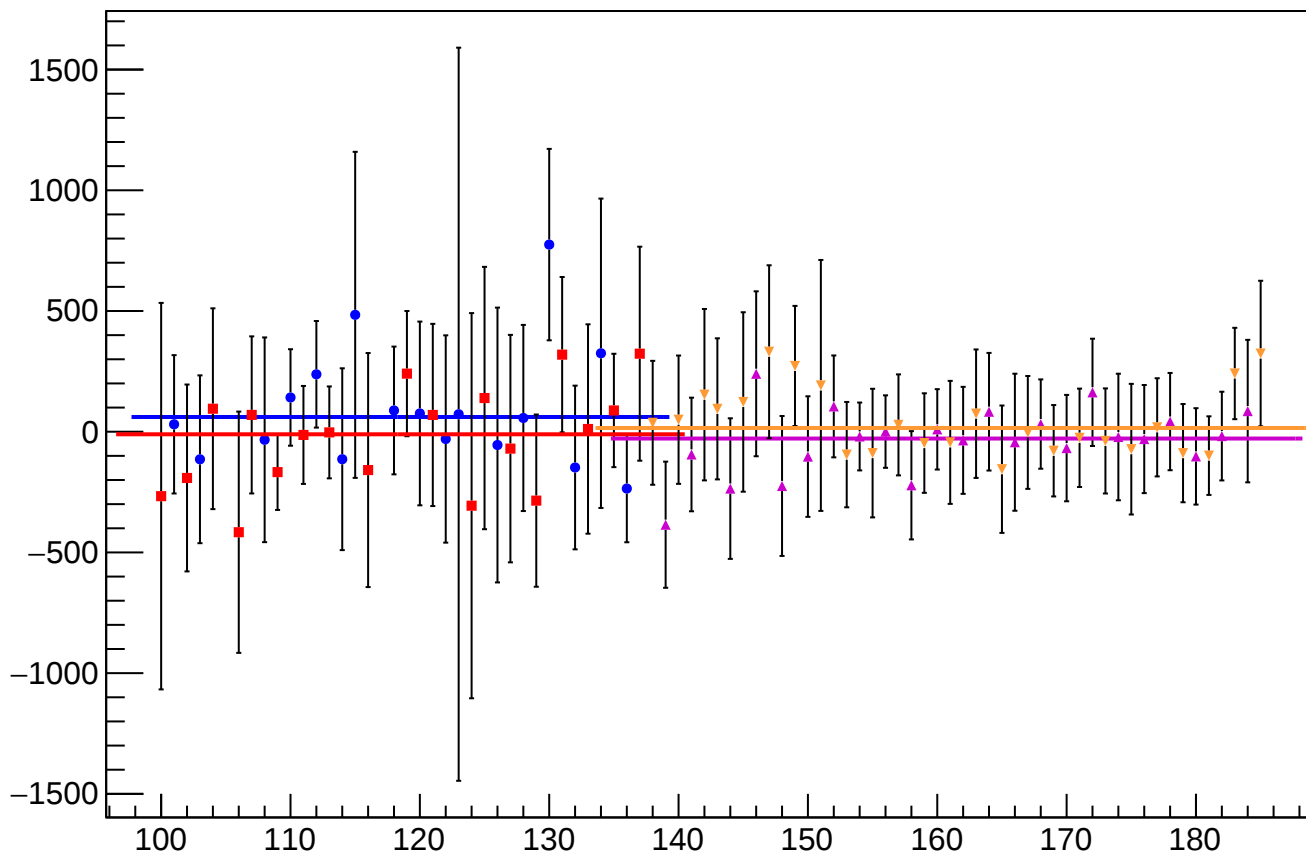
Left In: 179.324 $\pm$ 0.032 χ^2 /NDF: 1618266.2/22

+ sign 197.273 $\pm$ 0.029 χ^2 /NDF: 2789932.3/41

All: 186.573 $\pm$ 0.020 χ^2 /NDF: 6232913.7/83

- sign 177.493 $\pm$ 0.027 χ^2 /NDF: 3192185.4/41

asym_bcm_an_us_mean vs Slug



Right In: 60.929 $\pm$ 80.216 χ^2 /NDF: 7.4/16

Left Out: 15.525 $\pm$ 47.706 χ^2 /NDF: 7.0/24

Right Out: -10.668 $\pm$ 70.402 χ^2 /NDF: 5.8/18

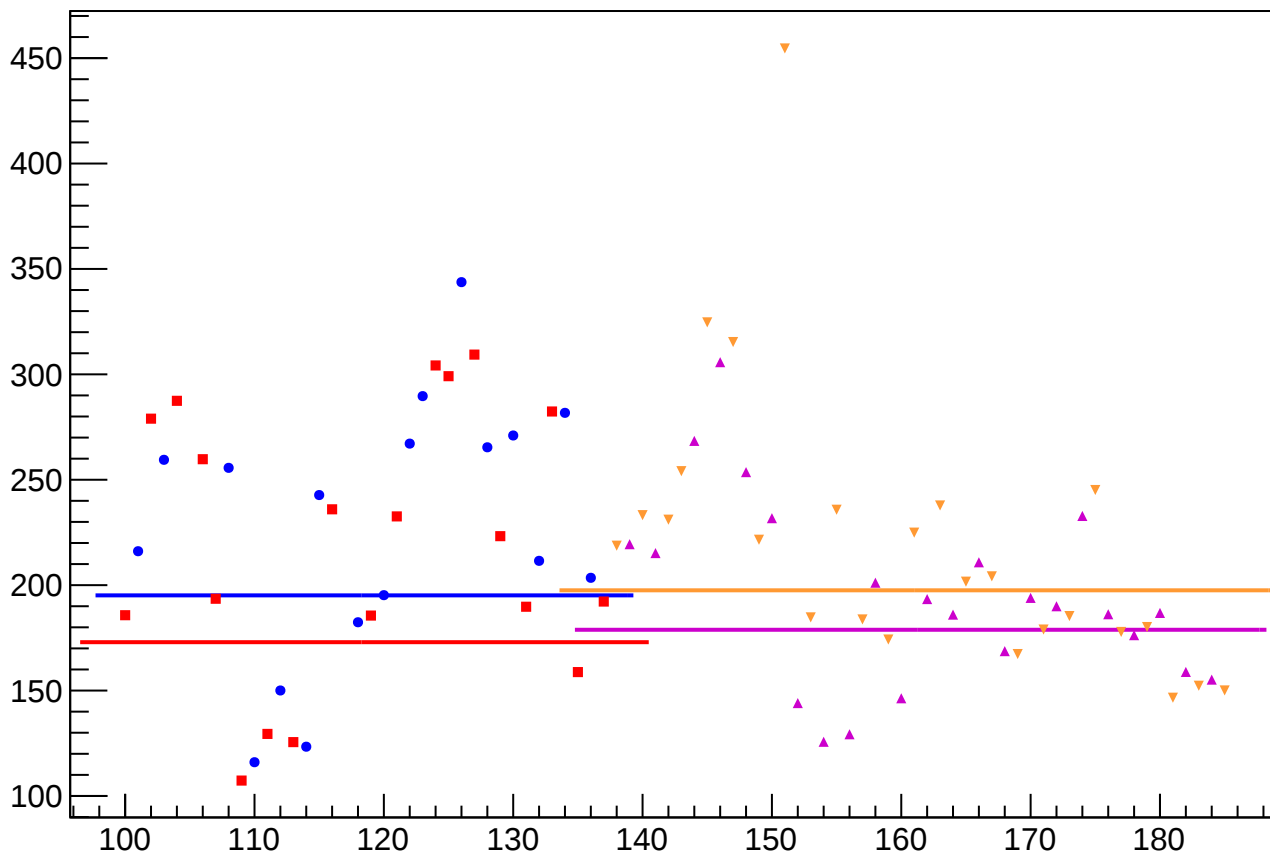
Left In: -28.277 $\pm$ 44.743 χ^2 /NDF: 6.4/22

+ sign 27.388 $\pm$ 41.003 χ^2 /NDF: 14.6/41

All: 0.010 $\pm$ 27.777 χ^2 /NDF: 27.7/83

- sign -23.210 $\pm$ 37.762 χ^2 /NDF: 12.2/41

asym_bcm_an_us_rms vs Slug



Right In: 195.157 $\pm$ 0.057 χ^2 /NDF: 988306.7/16

Left Out: 197.553 $\pm$ 0.034 χ^2 /NDF:1783096.2/24

Right Out: 172.948 $\pm$ 0.050 χ^2 /NDF: 1539308.8/18

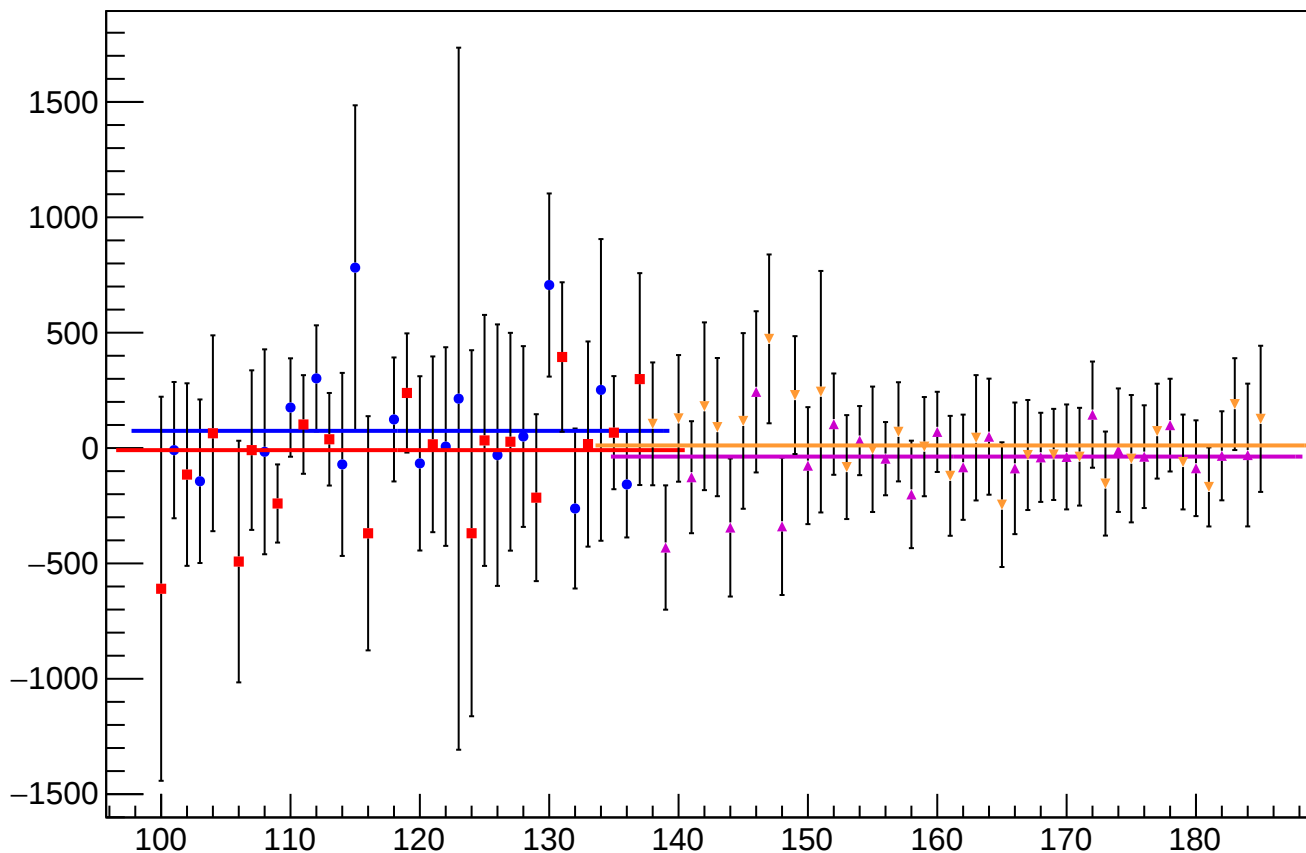
Left In: 178.836 $\pm$ 0.032 χ^2 /NDF:1622266.9/22

+ sign 196.927 $\pm$ 0.029 χ^2 /NDF: 2772721.2/41

All: 186.221 $\pm$ 0.020 χ^2 /NDF: 6196219.0/83

- sign 177.142 $\pm$ 0.027 χ^2 /NDF: 3171540.7/41

asym_bcm_dg_us_mean vs Slug



Right In: 74.541 $\pm$ 82.742 χ^2 /NDF: 7.7/16

Left Out: 11.307 $\pm$ 49.208 χ^2 /NDF: 7.6/24

Right Out: -9.056 $\pm$ 73.353 χ^2 /NDF: 7.7/18

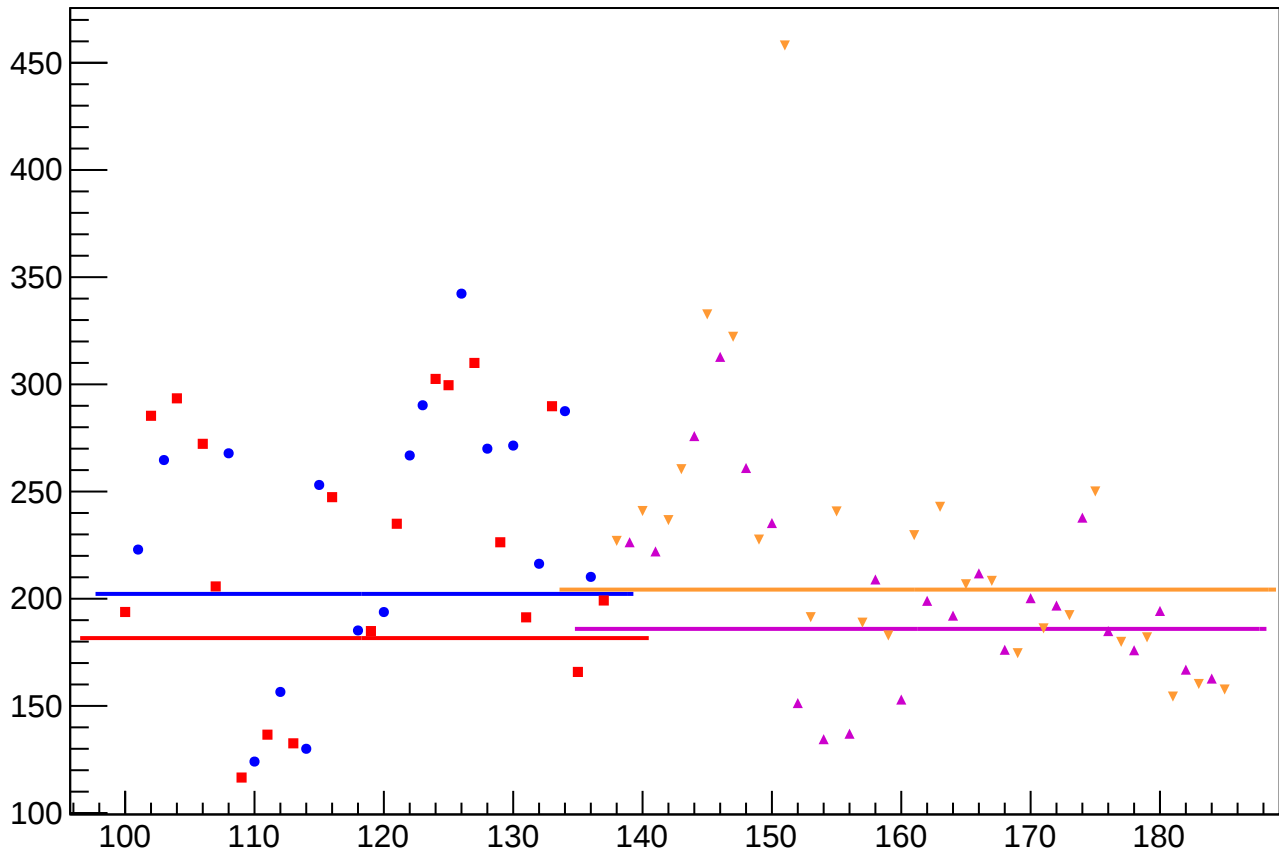
Left In: -37.000 $\pm$ 46.358 χ^2 /NDF: 7.9/22

+ sign 27.829 $\pm$ 42.294 χ^2 /NDF: 15.7/41

All: -2.762 $\pm$ 28.745 χ^2 /NDF: 32.4/83

- sign -29.024 $\pm$ 39.188 χ^2 /NDF: 15.7/41

asym_bcm_dg_us_rms vs Slug



Right In: 202.251 $\pm$ 0.059 χ^2 /NDF: 883731.1/16

Left Out: 204.260 $\pm$ 0.035 χ^2 /NDF:1674685.4/24

Right Out: 181.640 $\pm$ 0.052 χ^2 /NDF: 1373481.9/18

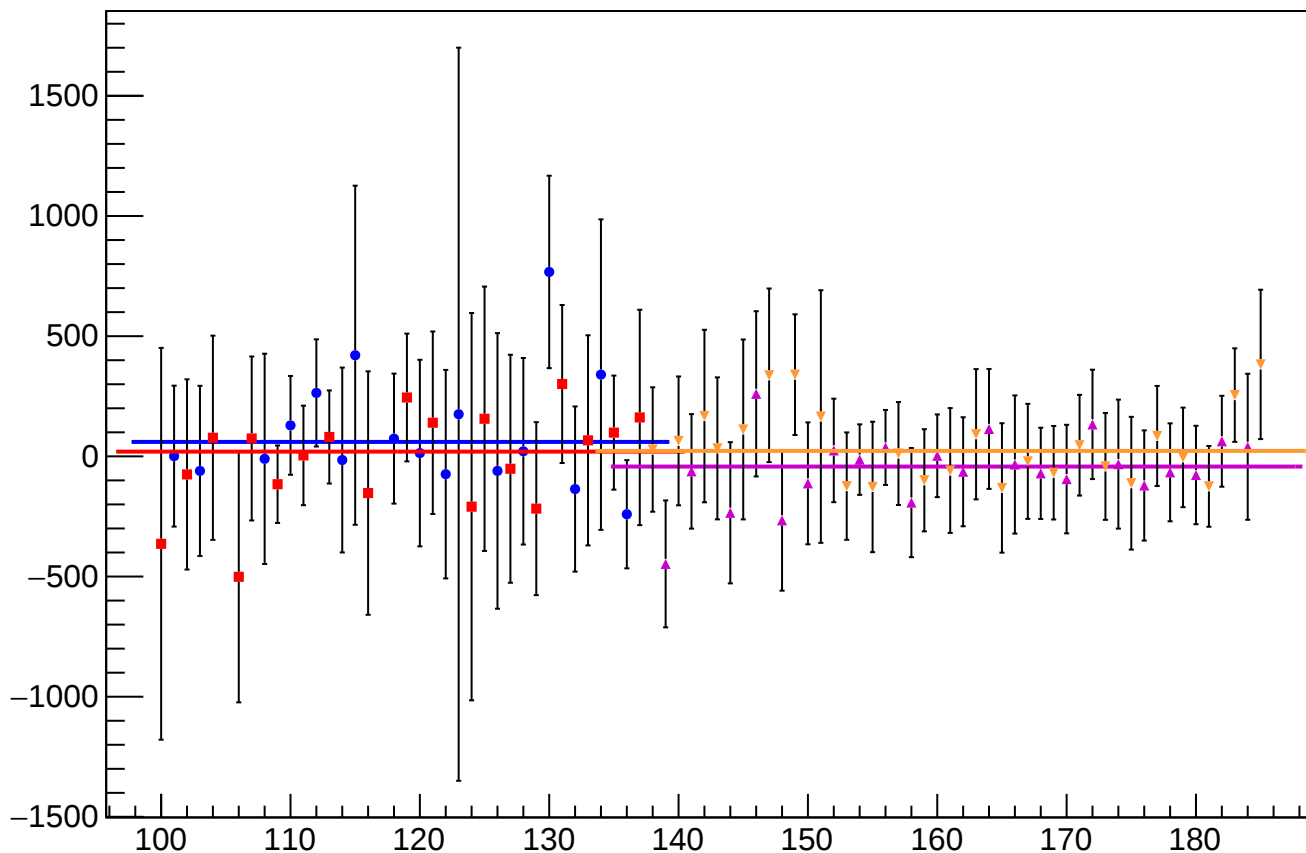
Left In: 185.931 $\pm$ 0.033 χ^2 /NDF:1460065.0/22

+ sign 203.735 $\pm$ 0.030 χ^2 /NDF: 2559287.3/41

All: 193.496 $\pm$ 0.020 χ^2 /NDF: 5615553.2/83

- sign 184.707 $\pm$ 0.028 χ^2 /NDF: 2838439.1/41

asym_bcm_dg_ds_mean vs Slug



Right In: 60.119 ± 81.659 χ^2/NDF : 7.0/16

Left Out: 22.608 ± 48.750 χ^2/NDF : 8.5/24

Right Out: 19.746 ± 71.914 χ^2/NDF : 4.6/18

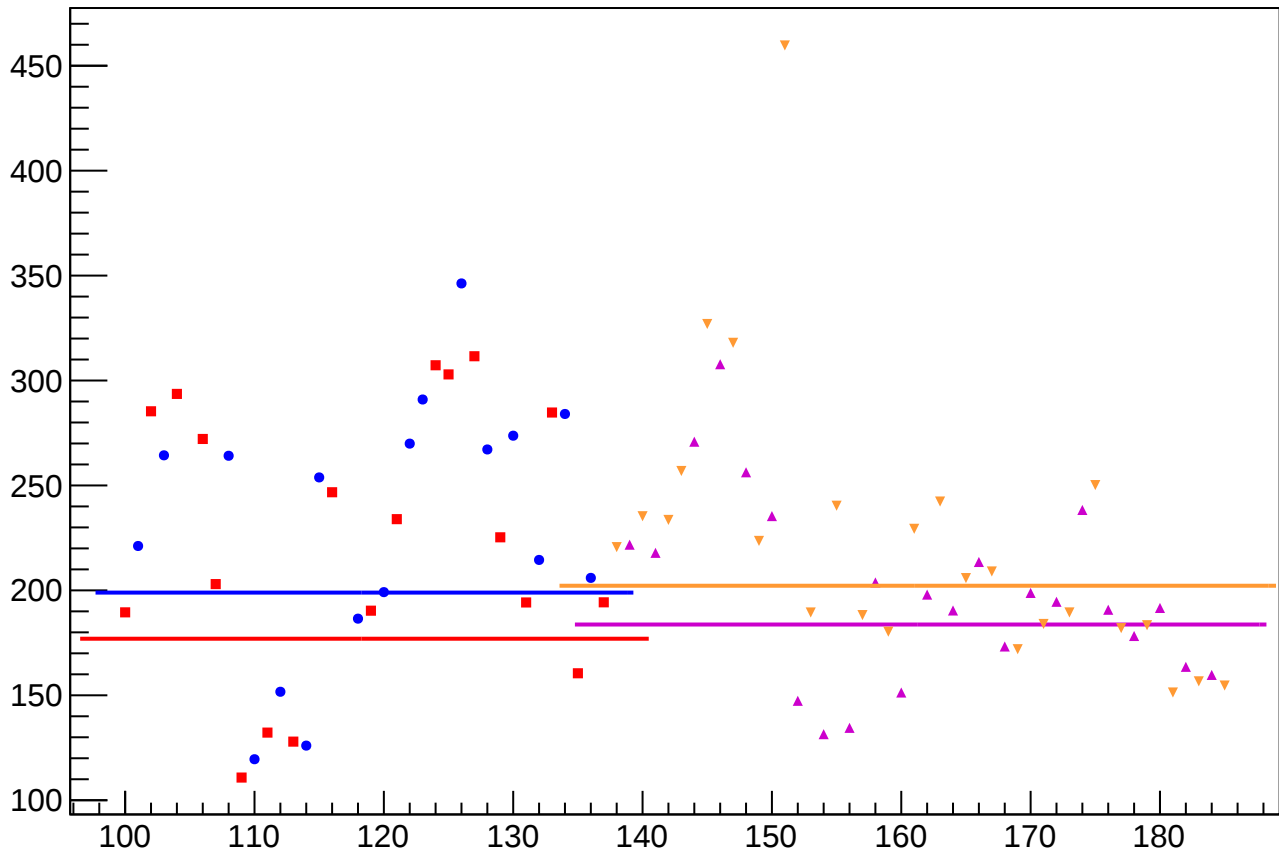
Left In: -42.446 ± 45.861 χ^2/NDF : 6.7/22

+ sign 32.464 ± 41.858 χ^2/NDF : 15.6/41

All: 1.747 ± 28.403 χ^2/NDF : 28.5/83

- sign -24.466 ± 38.667 χ^2/NDF : 11.9/41

asym_bcm_dg_ds_rms vs Slug



Right In: 198.943 $\pm$ 0.058 χ^2 /NDF: 965773.2/16

Left Out: 202.210 $\pm$ 0.034 χ^2 /NDF:1695547.9/24

Right Out: 176.962 $\pm$ 0.051 χ^2 /NDF: 1519544.5/18

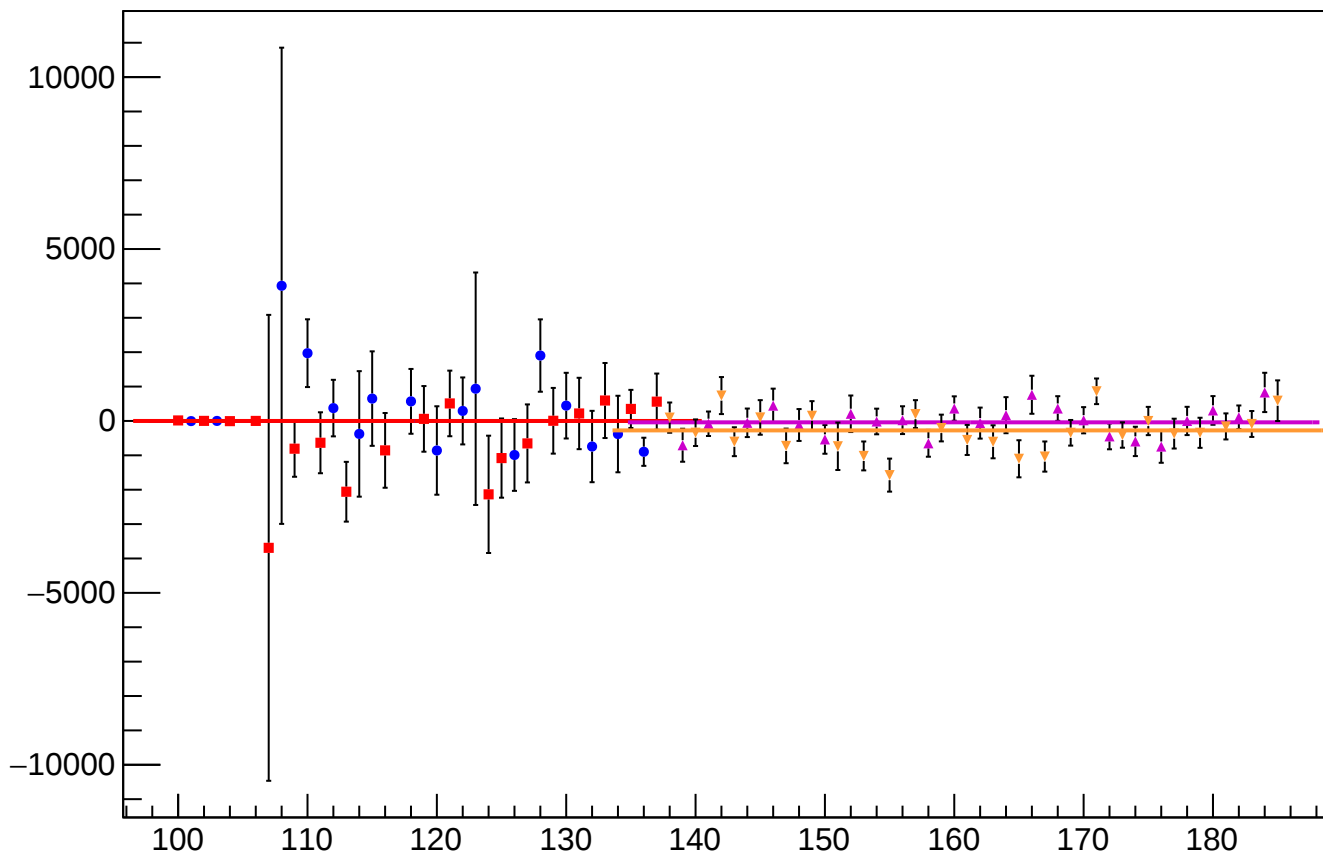
Left In: 183.732 $\pm$ 0.032 χ^2 /NDF:1495930.4/22

+ sign 201.352 $\pm$ 0.030 χ^2 /NDF: 2663682.4/41

All: 190.789 $\pm$ 0.020 χ^2 /NDF: 5927811.5/83

- sign 181.775 $\pm$ 0.027 χ^2 /NDF: 3028077.4/41

asym_cav4bQ_mean vs Slug



Right In: -1.529 ± 2.251 χ^2/NDF : 16.9/16

Left Out: -274.809 ± 86.887 χ^2/NDF : 38.3/24

Right Out: -0.731 ± 2.111 χ^2/NDF : 18.2/18

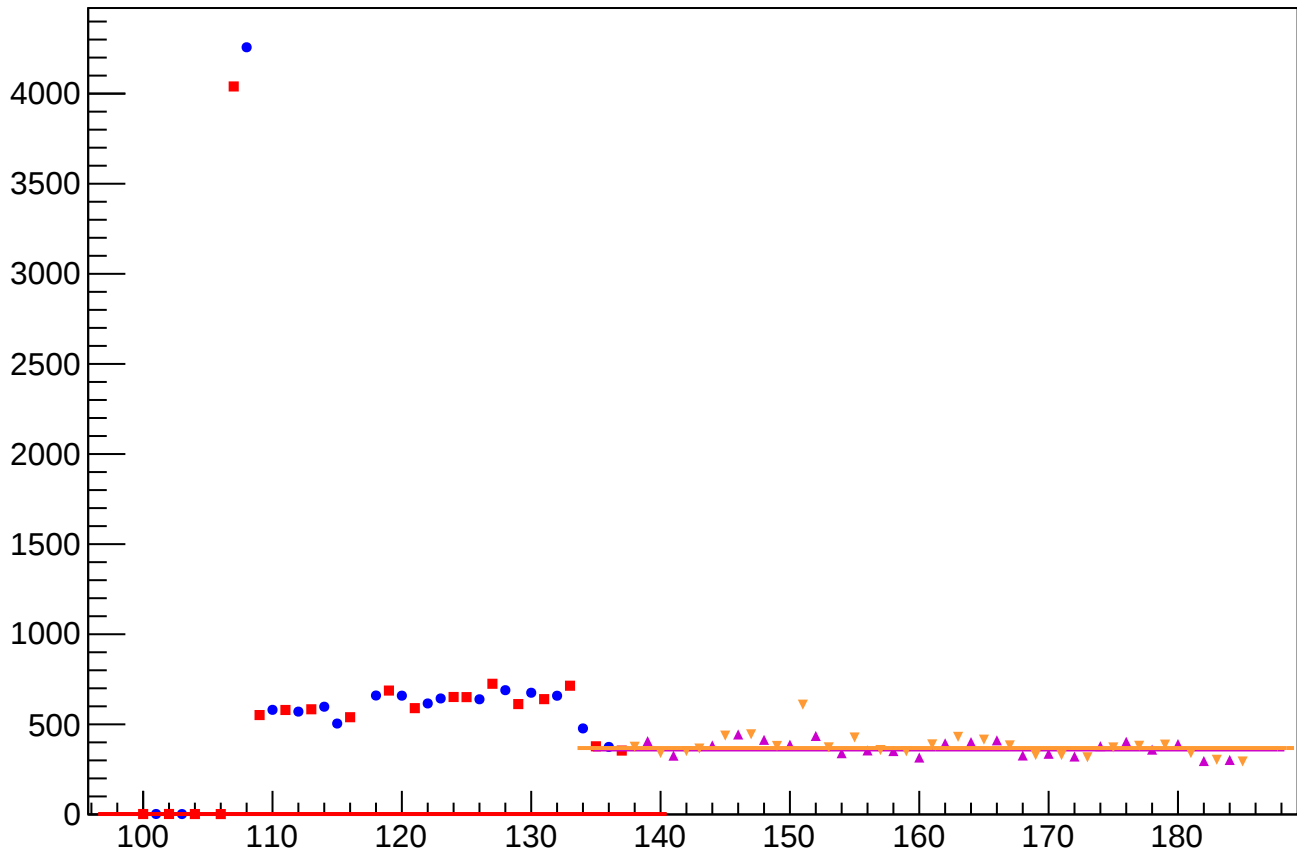
Left In: -40.480 ± 87.470 χ^2/NDF : 20.2/22

+ sign -1.712 ± 2.251 χ^2/NDF : 65.1/41

All: -1.202 ± 1.540 χ^2/NDF : 103.7/83

- sign -0.754 ± 2.111 χ^2/NDF : 38.6/41

asym_cav4bQ_rms vs Slug



Right In: 2.456+/-0.002 χ^2/NDF : 10667142.2/16

Left Out: 368.529+/-0.061 χ^2/NDF : 622457.3/24

Right Out: 2.436+/-0.001 χ^2/NDF : 11094072.3/18

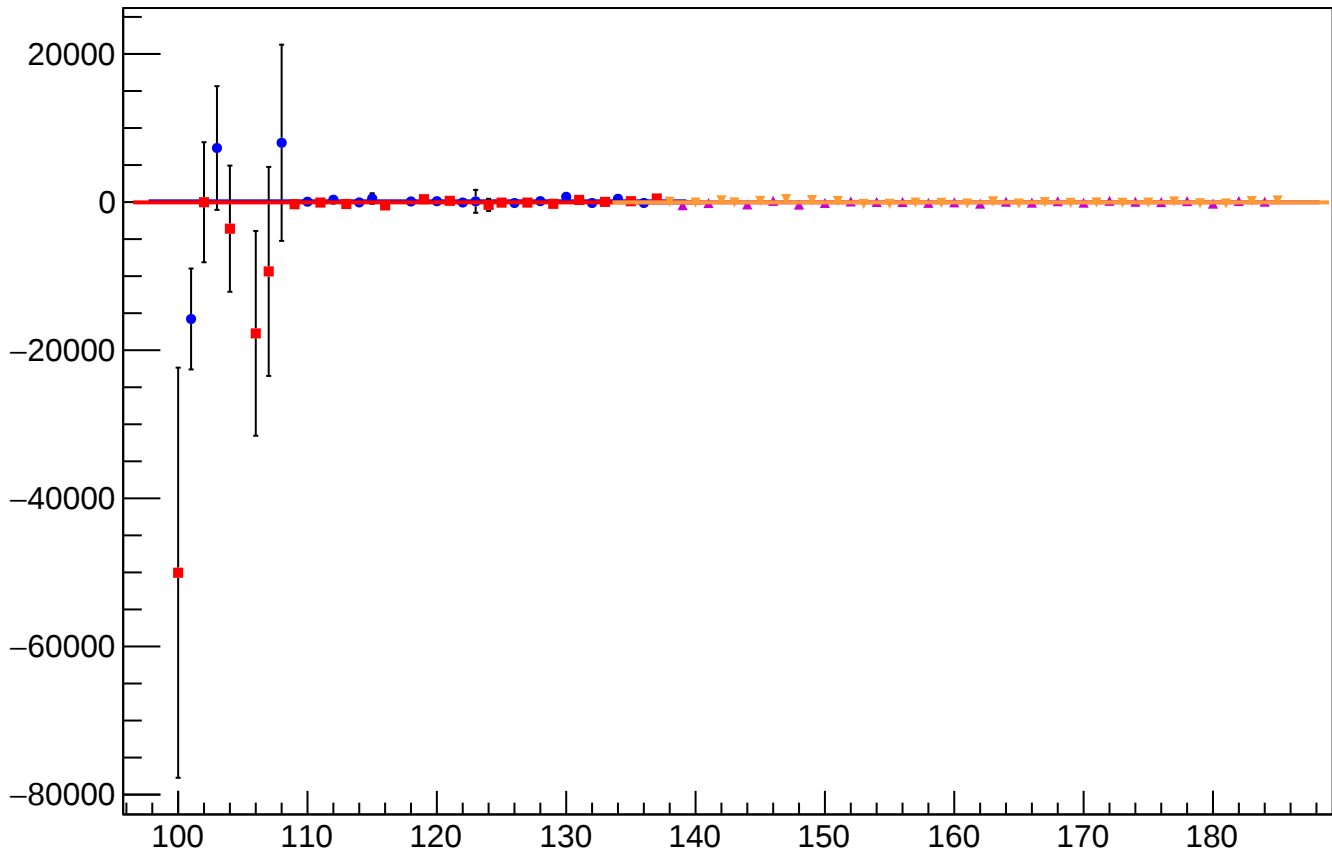
Left In: 360.571+/-0.062 χ^2/NDF : 421995.5/22

+ sign 2.701+/-0.002 χ^2/NDF : 46768364.4/41

All: 2.671+/-0.001 χ^2/NDF : 91793413.1/83

- sign 2.645+/-0.001 χ^2/NDF : 45024377.7/41

asym_cav4cQ_mean vs Slug



Right In: 99.358 ± 92.026 χ^2/NDF : 12.0/16

Left Out: -39.199 ± 49.586 χ^2/NDF : 9.1/24

Right Out: -38.144 ± 84.576 χ^2/NDF : 14.1/18

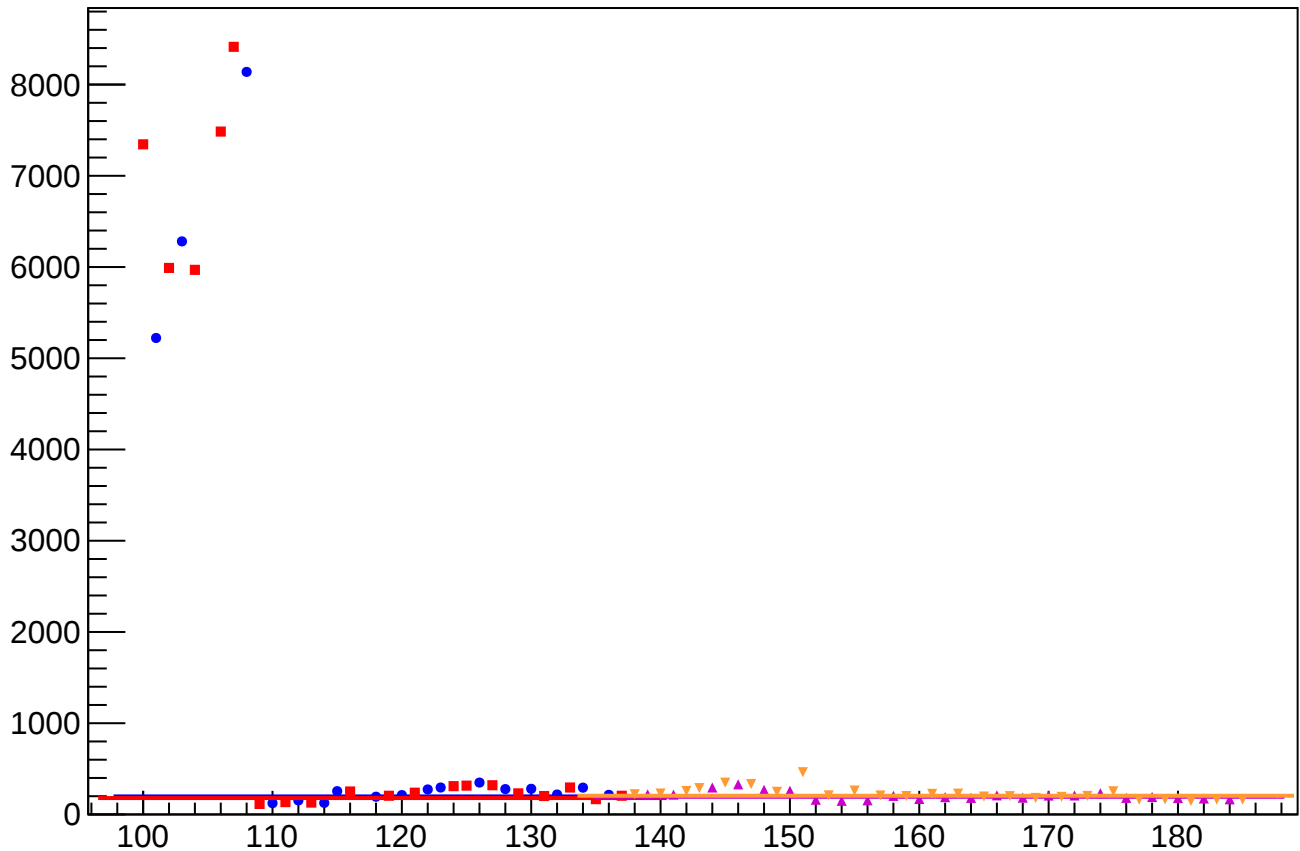
Left In: -28.062 ± 48.032 χ^2/NDF : 9.6/22

+ sign -8.023 ± 43.653 χ^2/NDF : 22.9/41

All: -19.768 ± 30.178 χ^2/NDF : 46.8/83

- sign -30.520 ± 41.766 χ^2/NDF : 23.7/41

asym_cav4cQ_rms vs Slug



Right In: 197.646 $\pm$ 0.065 χ^2 /NDF: 3699445.6/16

Left Out: 205.131 $\pm$ 0.035 χ^2 /NDF:1956896.7/24

Right Out: 179.782 $\pm$ 0.060 χ^2 /NDF: 4315815.4/18

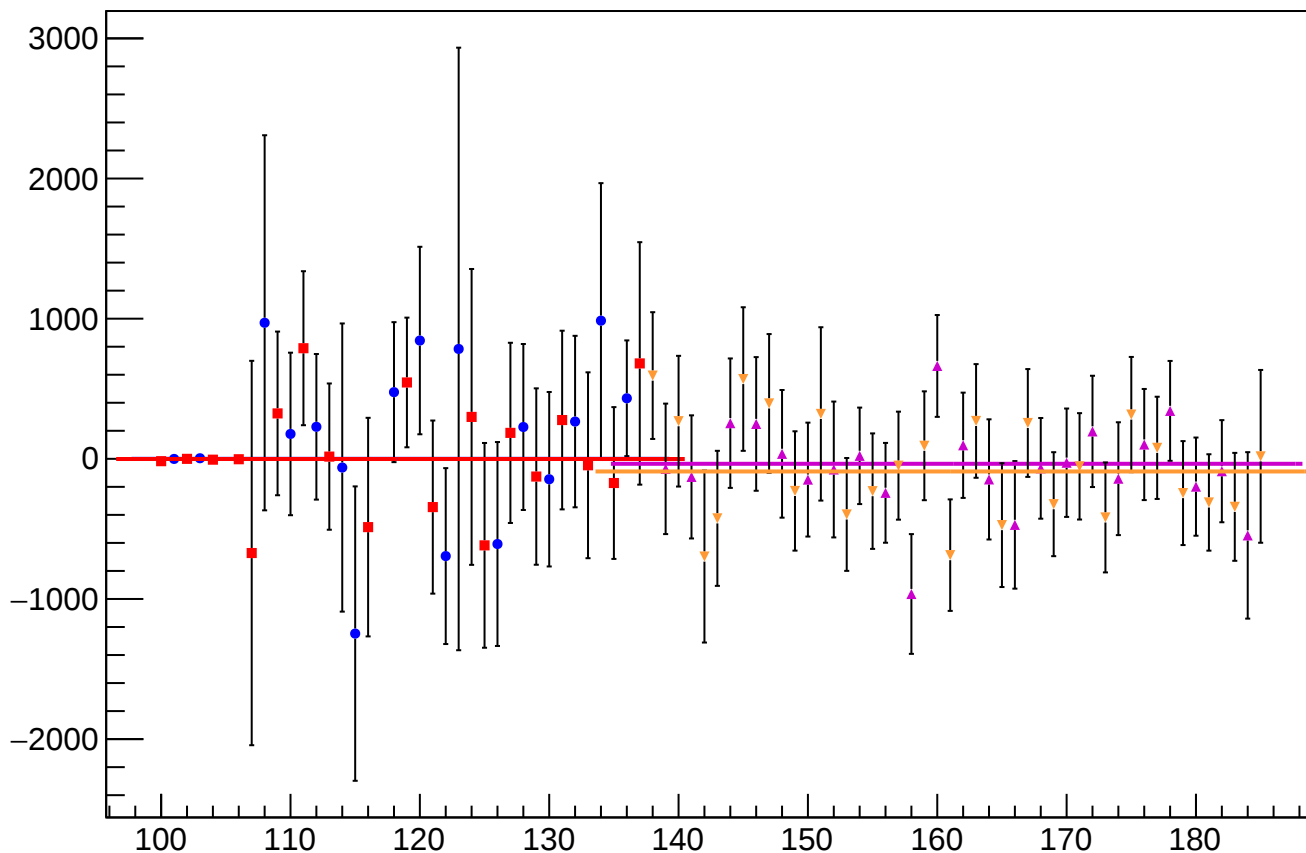
Left In: 193.616 $\pm$ 0.034 χ^2 /NDF:1179471.1/22

+ sign 203.447 $\pm$ 0.031 χ^2 /NDF: 5666597.1/41

All: 196.553 $\pm$ 0.021 χ^2 /NDF: 11297886.6/83

- sign 190.242 $\pm$ 0.030 χ^2 /NDF: 5535748.2/41

asym_cav4dQ_mean vs Slug



Right In: -0.141 ± 1.737 χ^2/NDF : 10.1/16

Left Out: -90.167 ± 84.093 χ^2/NDF : 16.4/24

Right Out: -1.323 ± 1.623 χ^2/NDF : 9.3/18

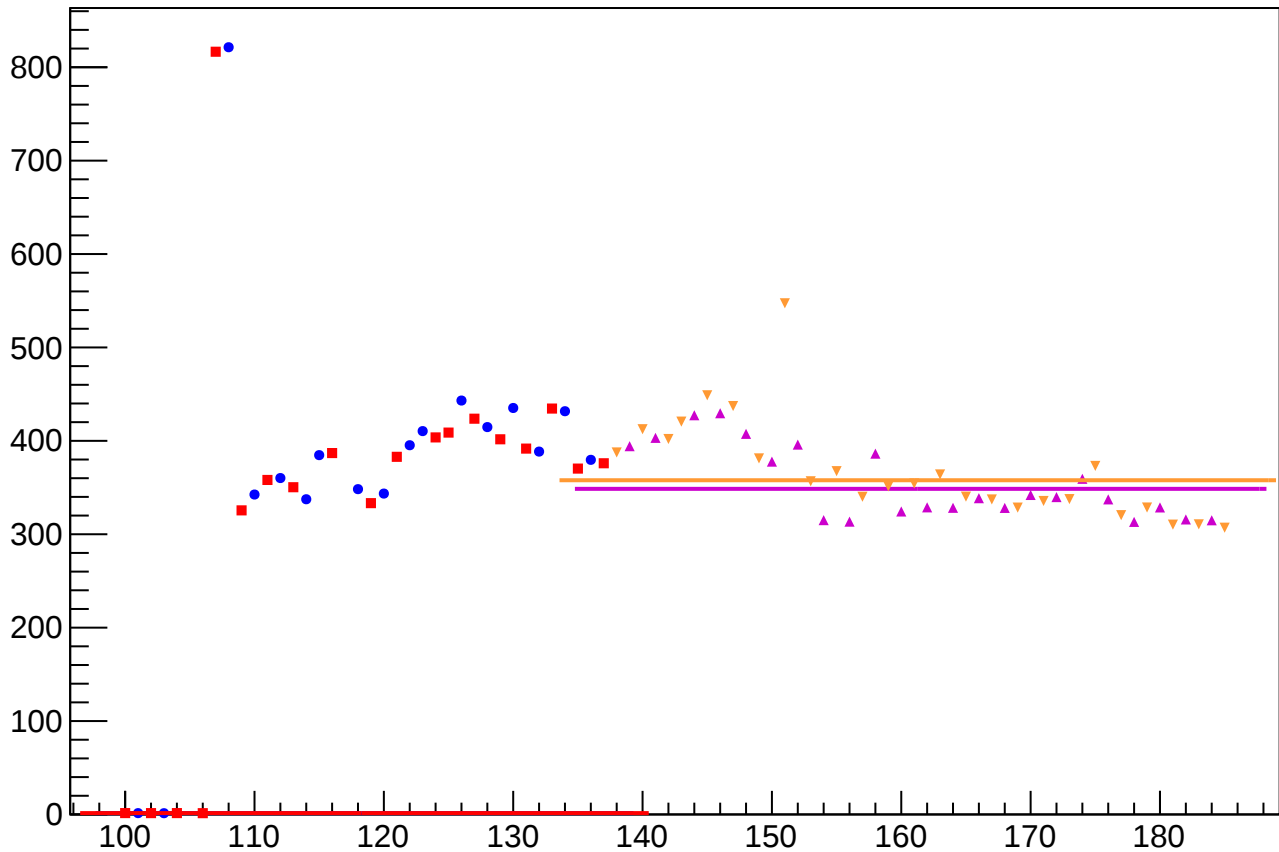
Left In: -35.488 ± 84.382 χ^2/NDF : 13.4/22

+ sign -0.179 ± 1.736 χ^2/NDF : 27.6/41

All: -0.796 ± 1.185 χ^2/NDF : 50.7/83

- sign -1.335 ± 1.622 χ^2/NDF : 22.9/41

asym_cav4dQ_rms vs Slug



Right In: 1.452 $\pm$ 0.001 χ^2 /NDF: 10771707.1/16

Left Out: 357.823 $\pm$ 0.059 χ^2 /NDF: 546761.9/24

Right Out: 1.451 $\pm$ 0.001 χ^2 /NDF: 10831648.9/18

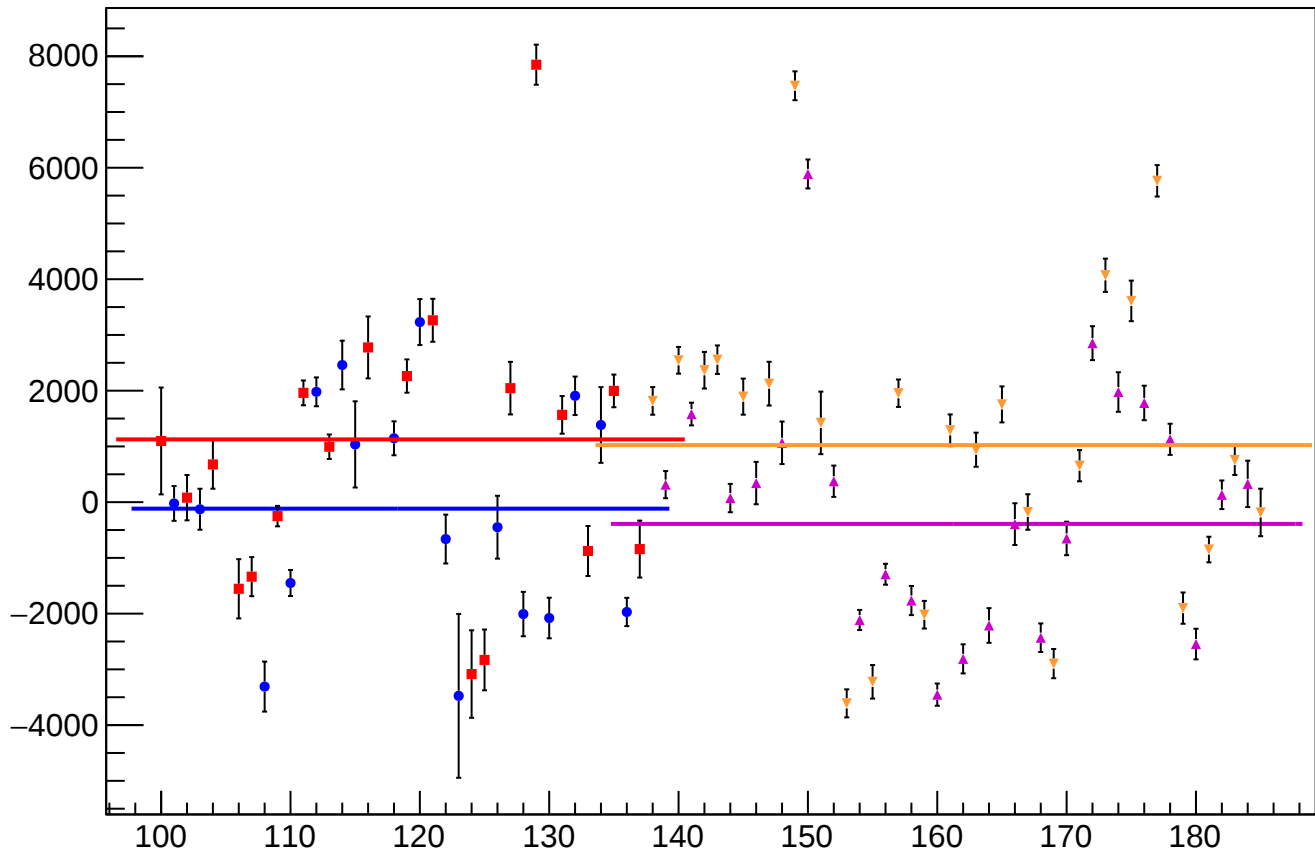
Left In: 348.611 $\pm$ 0.060 χ^2 /NDF: 362511.2/22

+ sign 1.604 $\pm$ 0.001 χ^2 /NDF: 47221048.0/41

All: 1.591 $\pm$ 0.001 χ^2 /NDF: 92255072.4/83

- sign 1.579 $\pm$ 0.001 χ^2 /NDF: 45033808.6/41

asym_bcm0l02_mean vs Slug



Right In: -116.817+/-88.319 χ^2/NDF : 420.4/16

Left Out: 1023.706+/-57.348 χ^2/NDF : 2309.3/24

Right Out: 1126.157+/-78.463 χ^2/NDF : 687.7/18

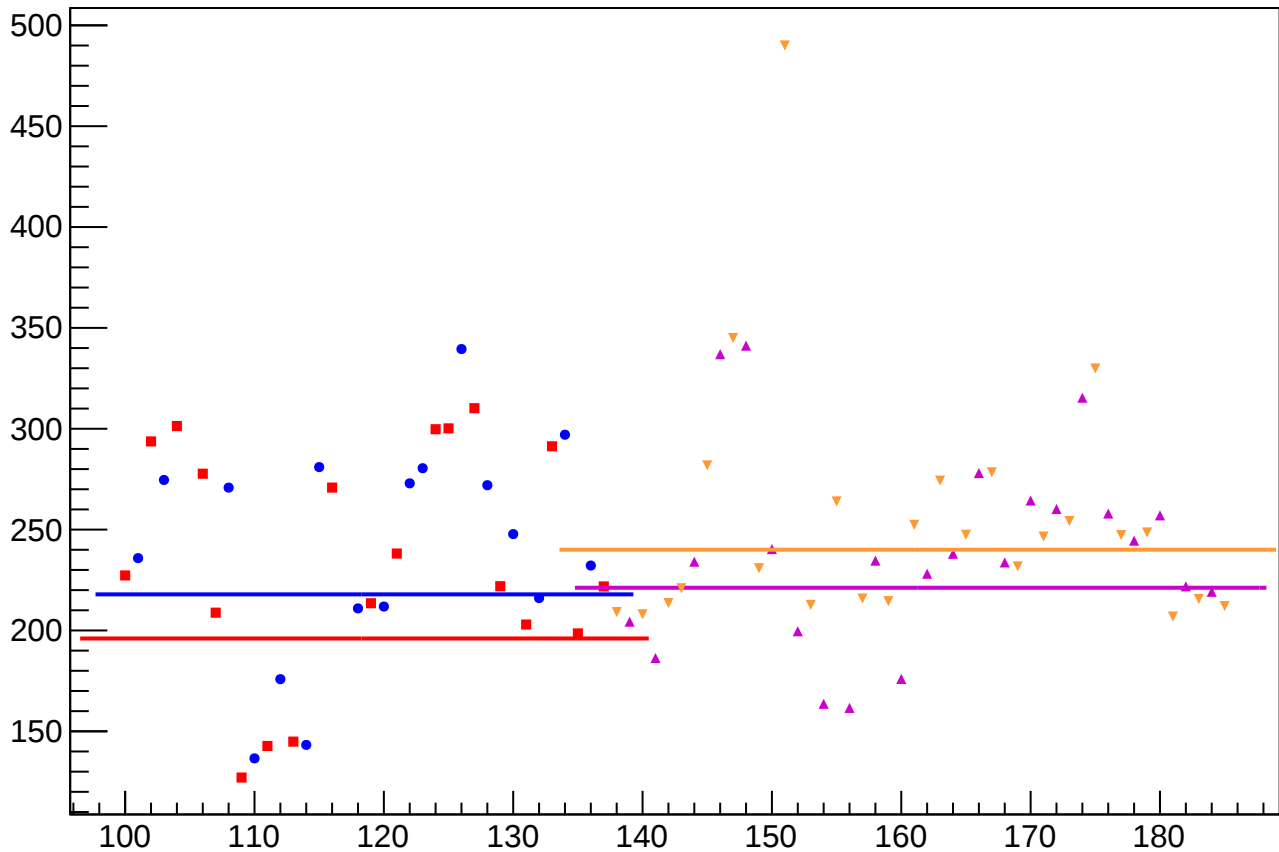
Left In: -390.237+/-54.931 χ^2/NDF : 1584.9/22

+ sign 685.448+/-48.098 χ^2/NDF : 2847.0/41

All: 377.811+/-32.860 χ^2/NDF : 5447.1/83

- sign 108.532+/-44.999 χ^2/NDF : 2523.3/41

asym_bcm0l02_rms vs Slug



Right In: 217.896 $\pm$ 0.062 χ^2 /NDF: 661999.5/16

Left Out: 240.030 $\pm$ 0.041 χ^2 /NDF:1002243.9/24

Right Out: 196.020 $\pm$ 0.055 χ^2 /NDF: 1189250.9/18

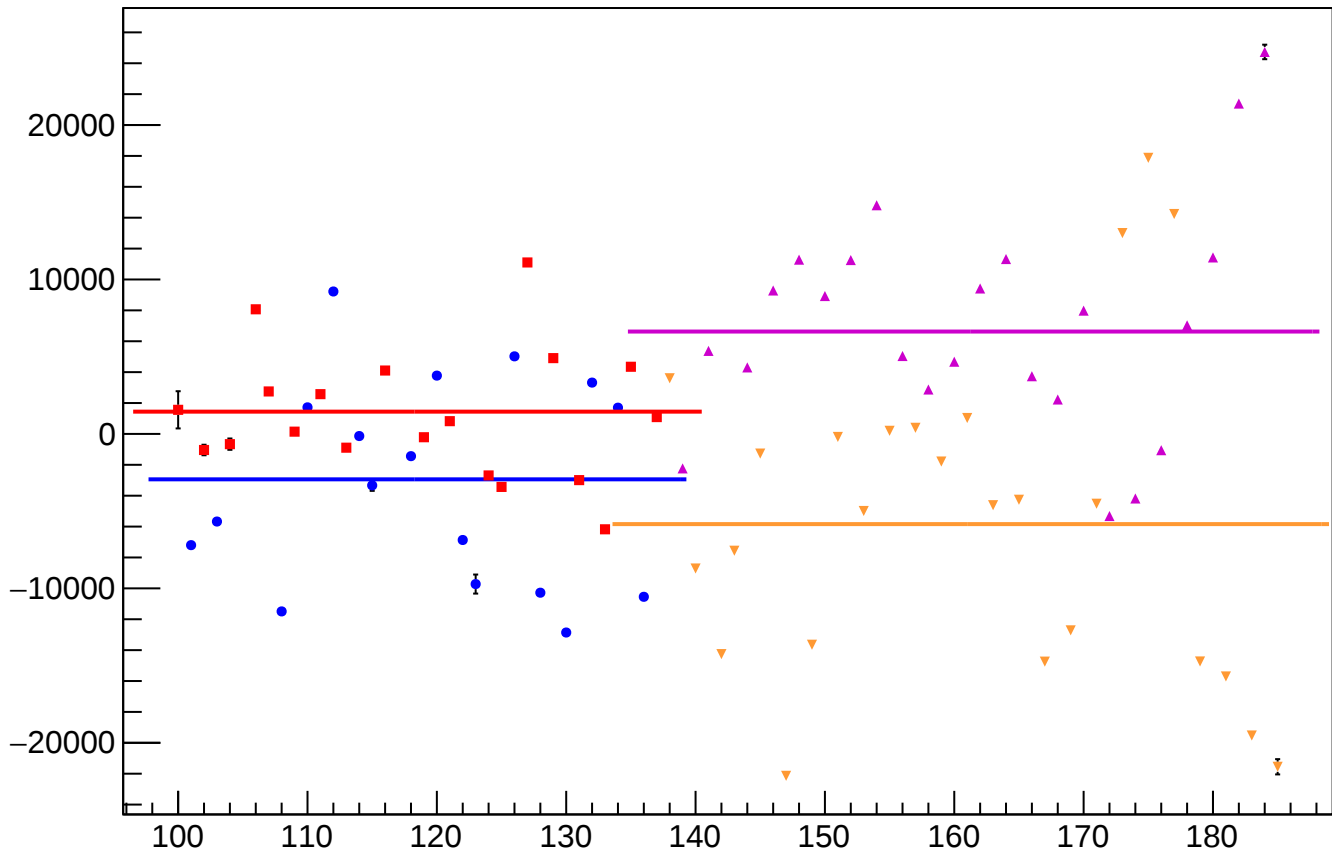
Left In: 221.173 $\pm$ 0.039 χ^2 /NDF:1342517.8/22

+ sign 233.465 $\pm$ 0.034 χ^2 /NDF: 1752601.0/41

All: 222.499 $\pm$ 0.023 χ^2 /NDF: 4617271.1/83

- sign 212.900 $\pm$ 0.032 χ^2 /NDF: 2669692.9/41

asym_bpm2i01WS_mean vs Slug



Right In: -2940.841 ± 48.696 χ^2/NDF : 20909.3/16

Left Out: -5839.802 ± 35.850 χ^2/NDF : 63374.0/24

Right Out: 1442.426 ± 46.381 χ^2/NDF : 8011.4/18

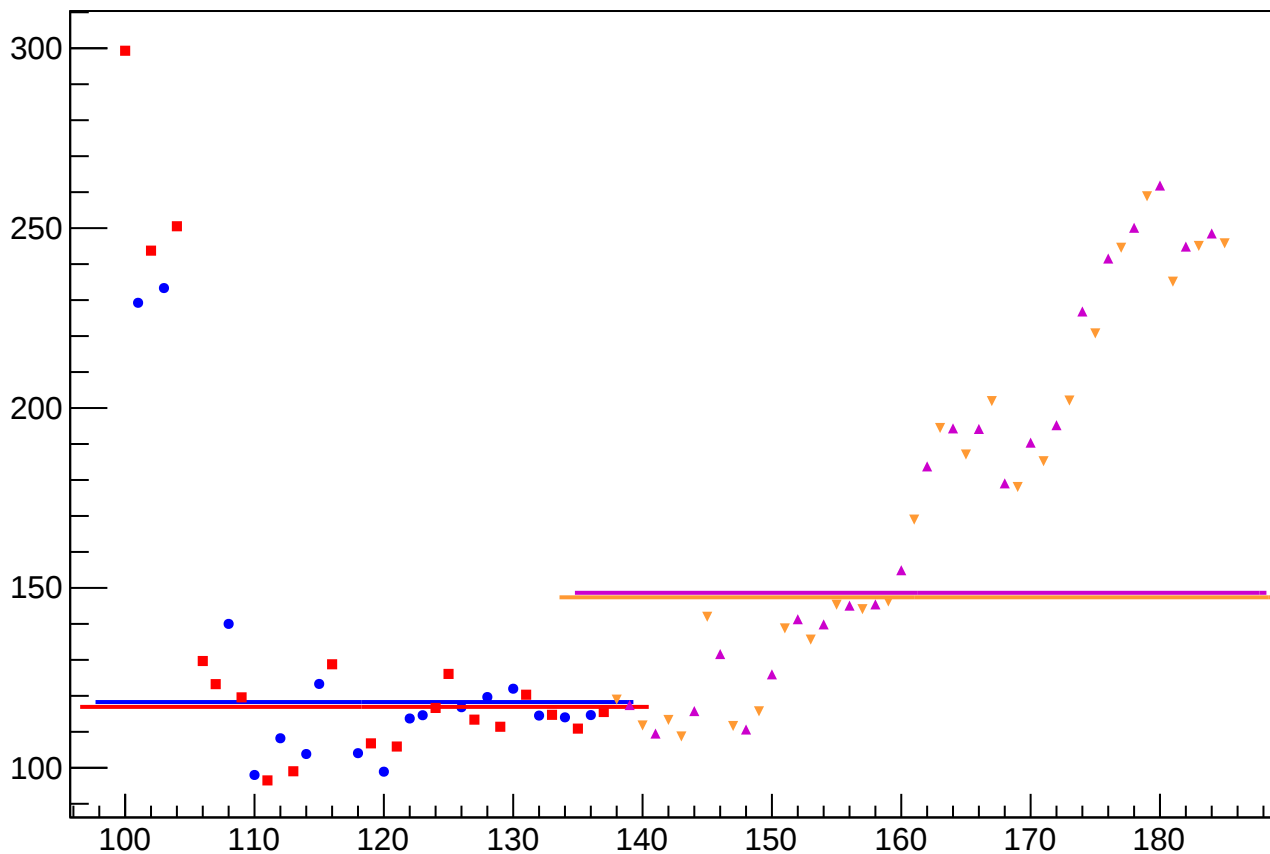
Left In: 6628.388 ± 37.160 χ^2/NDF : 21738.0/22

+ sign -4820.883 ± 28.870 χ^2/NDF : 86581.7/41

All: -131.206 ± 20.460 χ^2/NDF : 176958.7/83

- sign 4600.931 ± 29.000 χ^2/NDF : 37363.6/41

asym_bpm2i01WS_rms vs Slug



Right In: 118.278 $\pm$ 0.034 χ^2 /NDF: 637027.4/16

Left Out: 147.387 $\pm$ 0.025 χ^2 /NDF: 2515772.0/24

Right Out: 116.929 $\pm$ 0.033 χ^2 /NDF: 689591.4/18

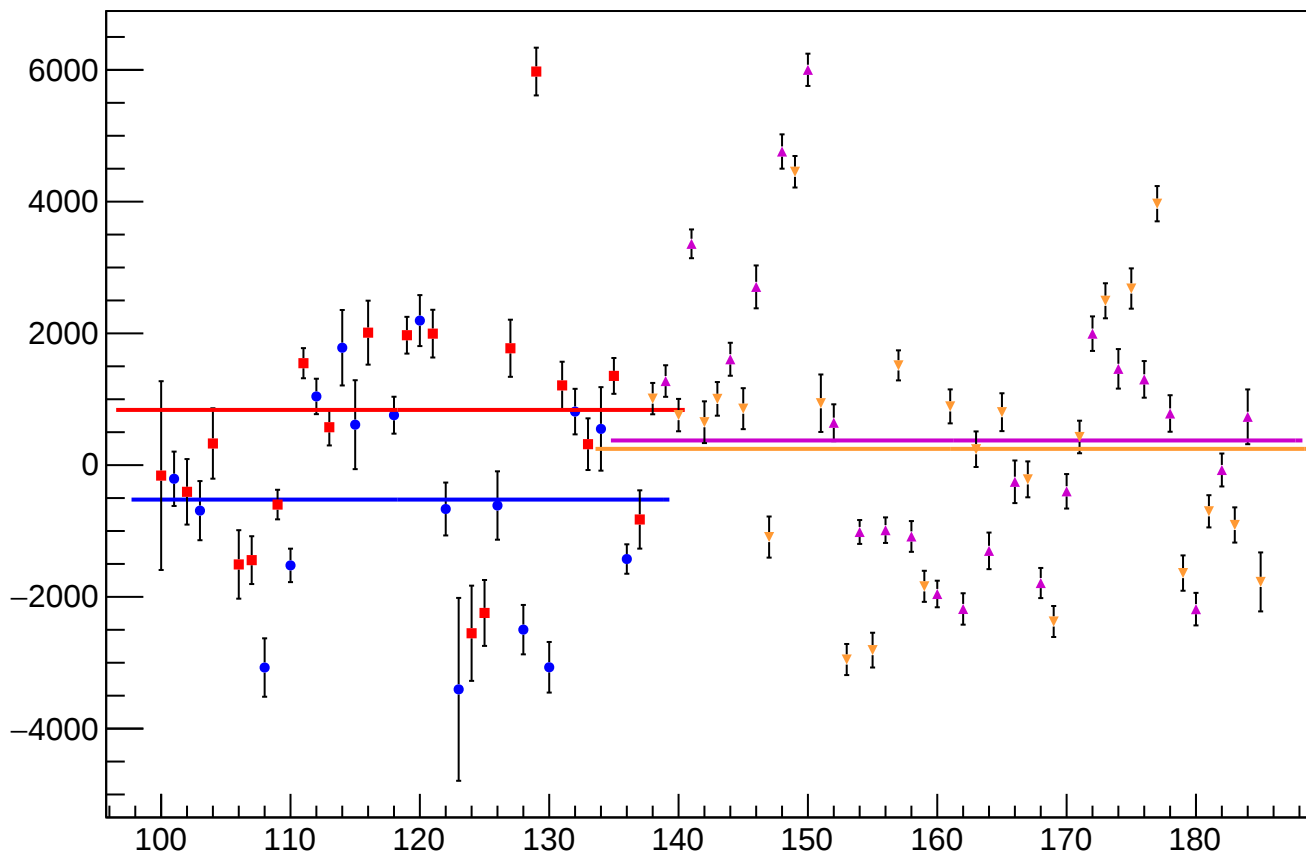
Left In: 148.642 $\pm$ 0.026 χ^2 /NDF: 2415531.9/22

+ sign 137.156 $\pm$ 0.020 χ^2 /NDF: 3616245.8/41

All: 136.702 $\pm$ 0.014 χ^2 /NDF: 7291824.4/83

- sign 136.244 $\pm$ 0.021 χ^2 /NDF: 3674585.8/41

asym_bpm0i07WS_mean vs Slug



Right In: -523.148 ± 89.404 χ^2/NDF : 282.6/16

Left Out: 246.745 ± 53.500 χ^2/NDF : 1354.5/24

Right Out: 837.989 ± 82.263 χ^2/NDF : 437.6/18

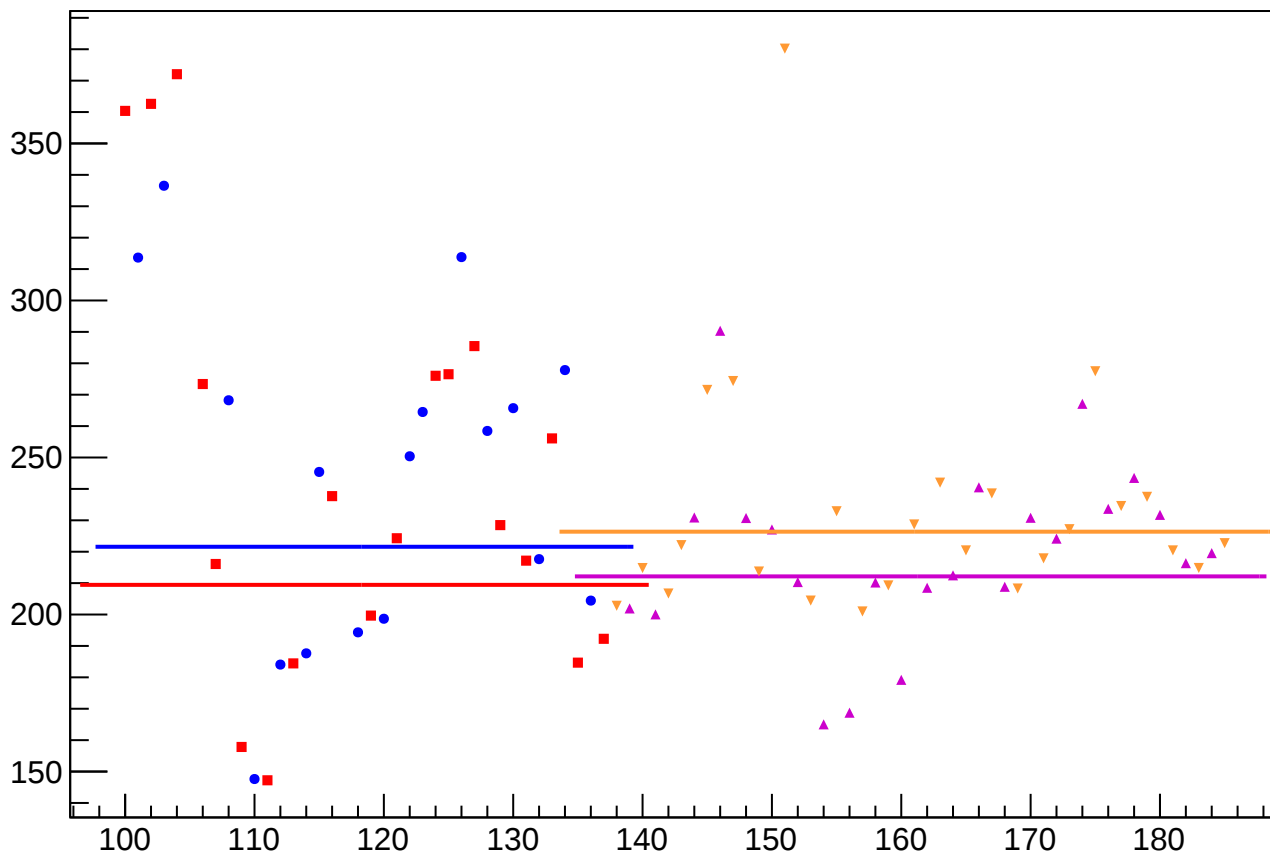
Left In: 374.465 ± 51.892 χ^2/NDF : 1798.3/22

+ sign 43.744 ± 45.908 χ^2/NDF : 1691.7/41

All: 285.472 ± 31.724 χ^2/NDF : 4003.4/83

- sign 506.409 ± 43.890 χ^2/NDF : 2258.6/41

asym_bpm0i07WS_rms vs Slug



Right In: 221.577 $\pm$ 0.063 χ^2 /NDF: 645771.3/16

Left Out: 226.383 $\pm$ 0.038 χ^2 /NDF: 521686.5/24

Right Out: 209.447 $\pm$ 0.058 χ^2 /NDF: 879299.7/18

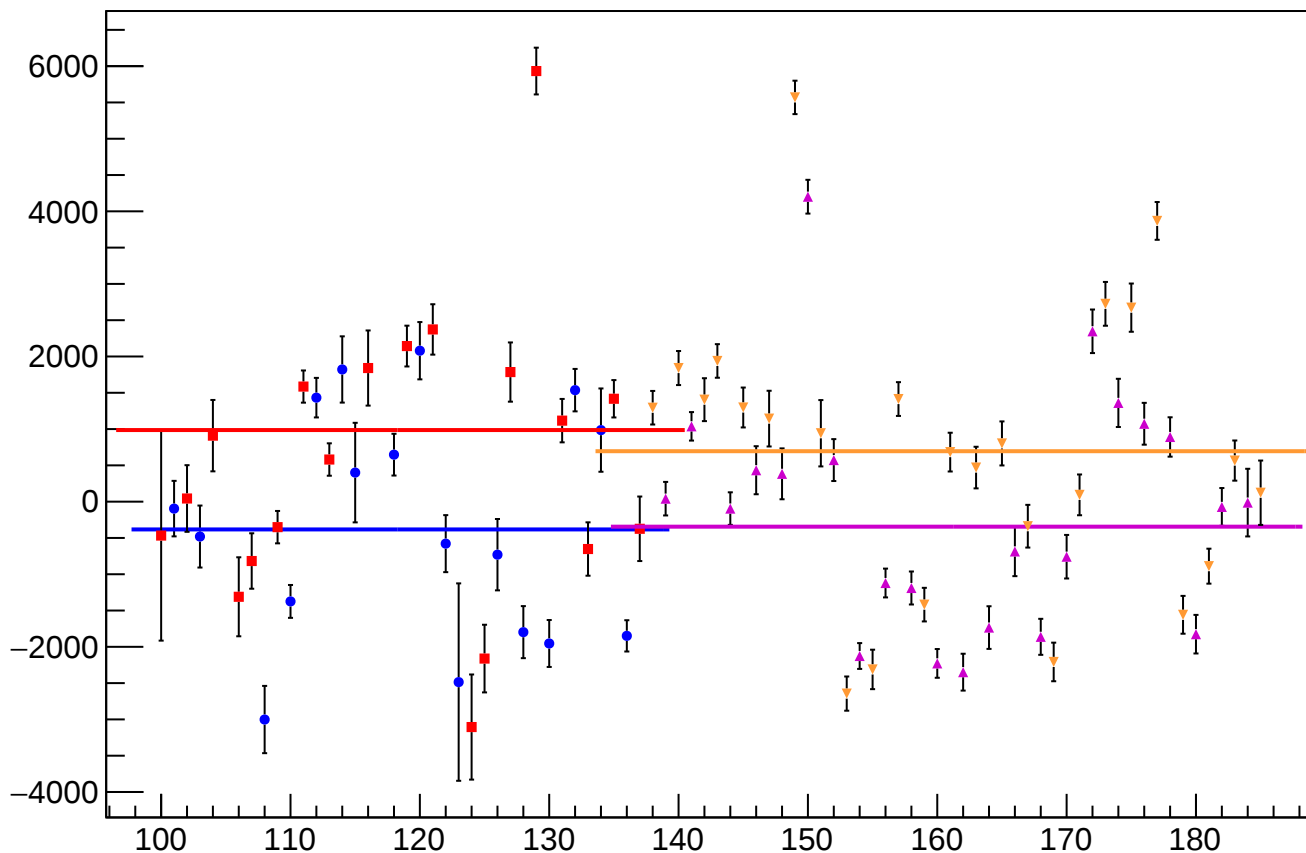
Left In: 212.145 $\pm$ 0.037 χ^2 /NDF: 591698.6/22

+ sign 225.116 $\pm$ 0.032 χ^2 /NDF: 1171712.1/41

All: 217.938 $\pm$ 0.022 χ^2 /NDF: 2737831.2/83

- sign 211.377 $\pm$ 0.031 χ^2 /NDF: 1472537.1/41

asym_bpm0l01WS_mean vs Slug



Right In: -382.695 ± 84.465 χ^2/NDF : 309.9/16

Left Out: 695.092 ± 54.254 χ^2/NDF : 1422.0/24

Right Out: 986.495 ± 77.694 χ^2/NDF : 476.9/18

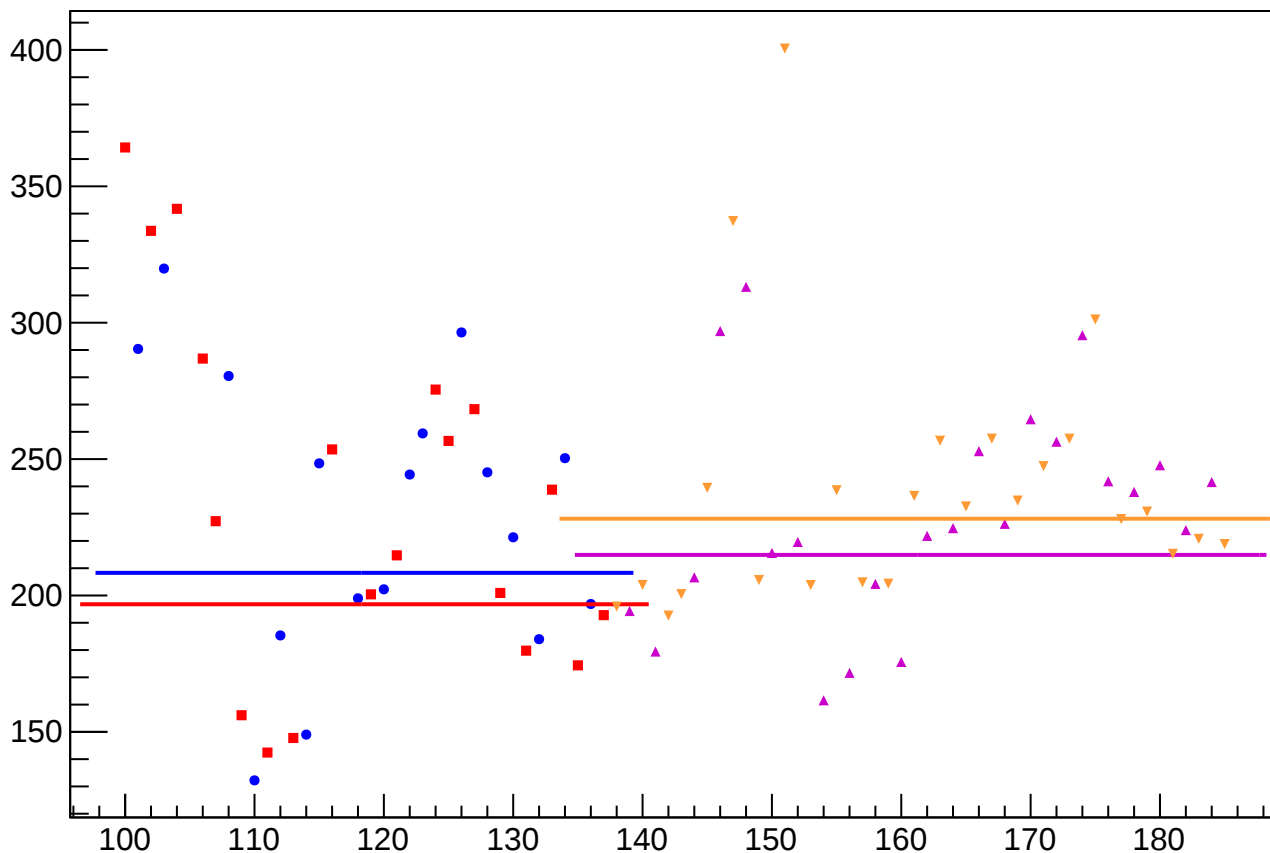
Left In: -344.578 ± 52.954 χ^2/NDF : 985.0/22

+ sign 380.296 ± 45.649 χ^2/NDF : 1847.2/41

All: 222.561 ± 31.588 χ^2/NDF : 3532.4/83

- sign 77.626 ± 43.757 χ^2/NDF : 1662.3/41

asym_bpm0l01WS_rms vs Slug



Right In: 208.304 $\pm$ 0.060 χ^2 /NDF: 698771.8/16

Left Out: 228.147 $\pm$ 0.038 χ^2 /NDF:828380.9/24

Right Out: 196.782 $\pm$ 0.055 χ^2 /NDF: 925153.1/18

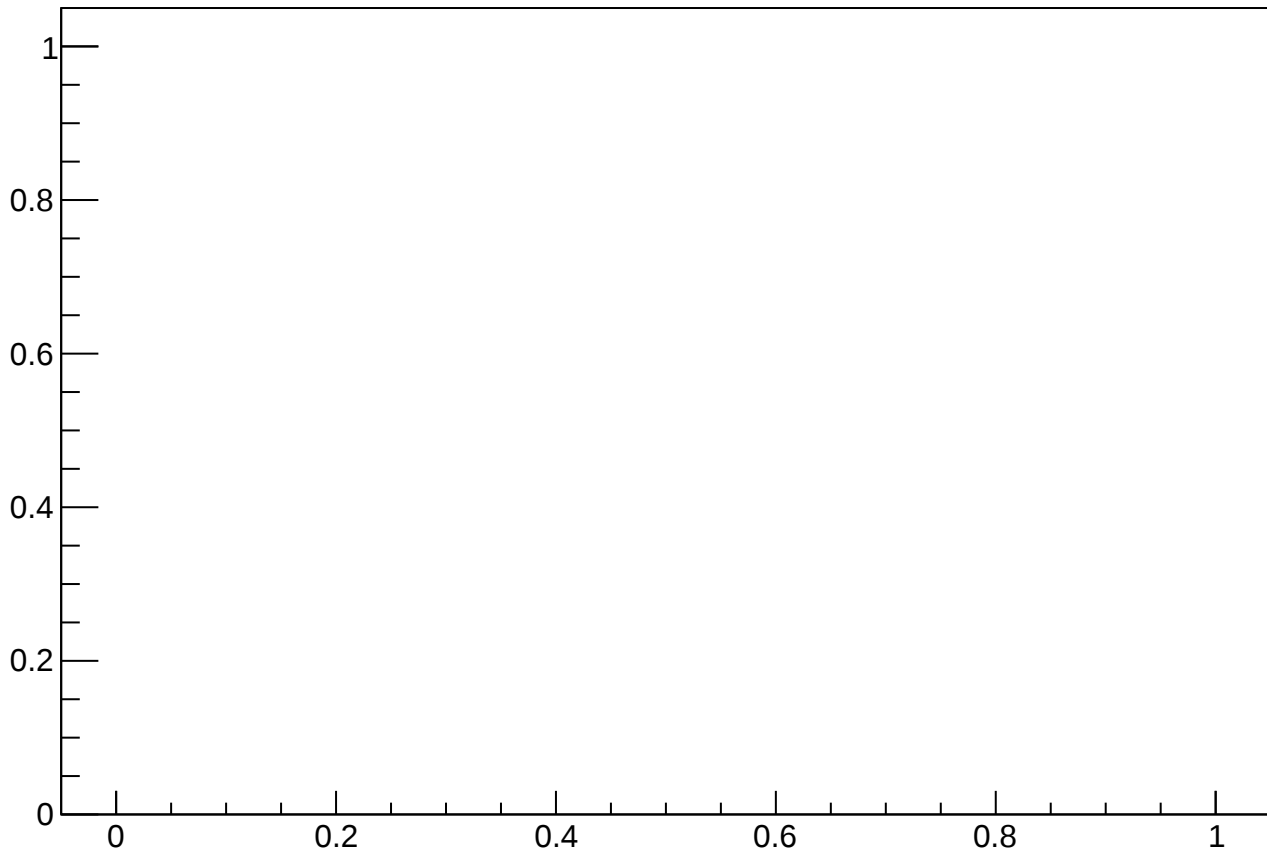
Left In: 214.878 $\pm$ 0.037 χ^2 /NDF:1037509.6/22

+ sign 222.351 $\pm$ 0.032 χ^2 /NDF: 1605291.6/41

All: 215.465 $\pm$ 0.022 χ^2 /NDF: 3729364.4/83

- sign 209.138 $\pm$ 0.031 χ^2 /NDF: 2036749.7/41

bcm_an_us_ds_dd_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

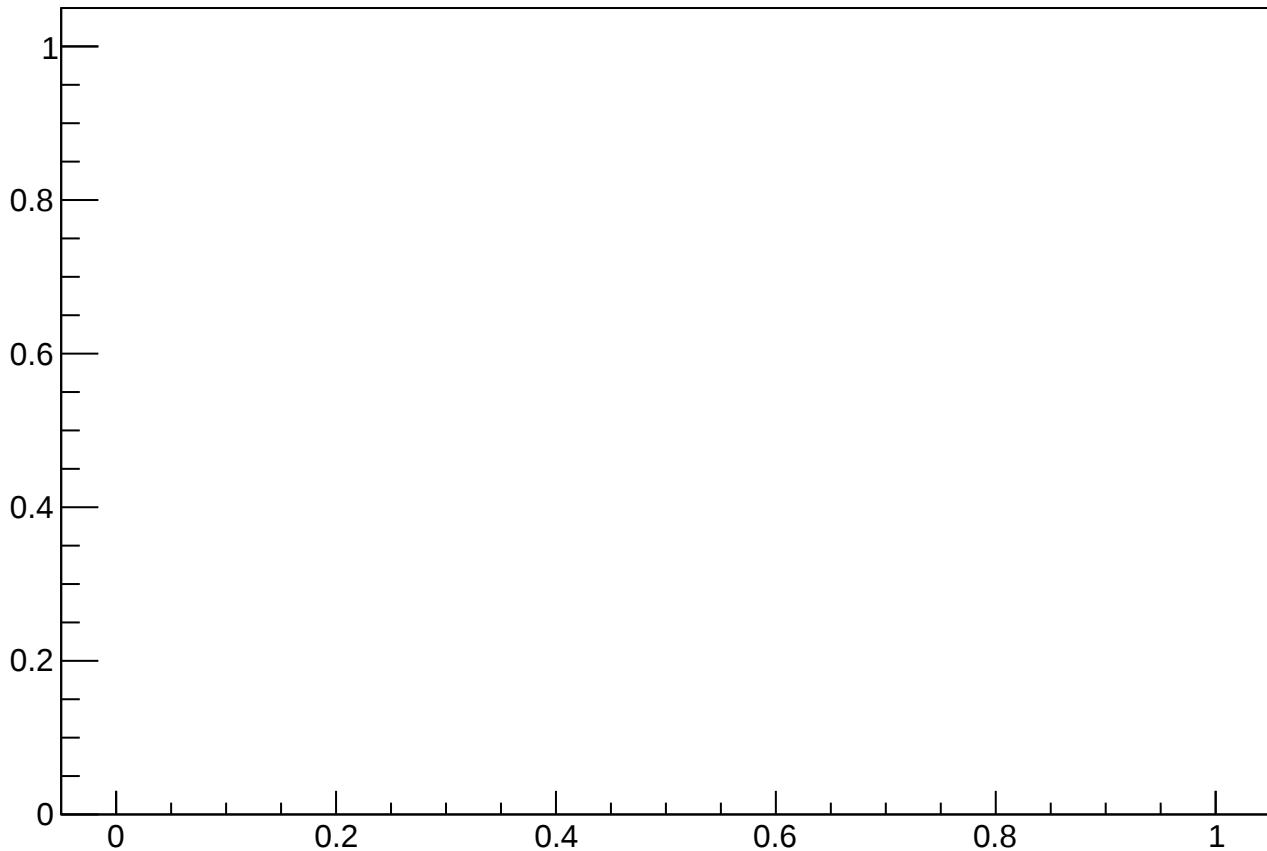
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

bcm_an_us_ds_dd_rms vs Slug



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

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

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

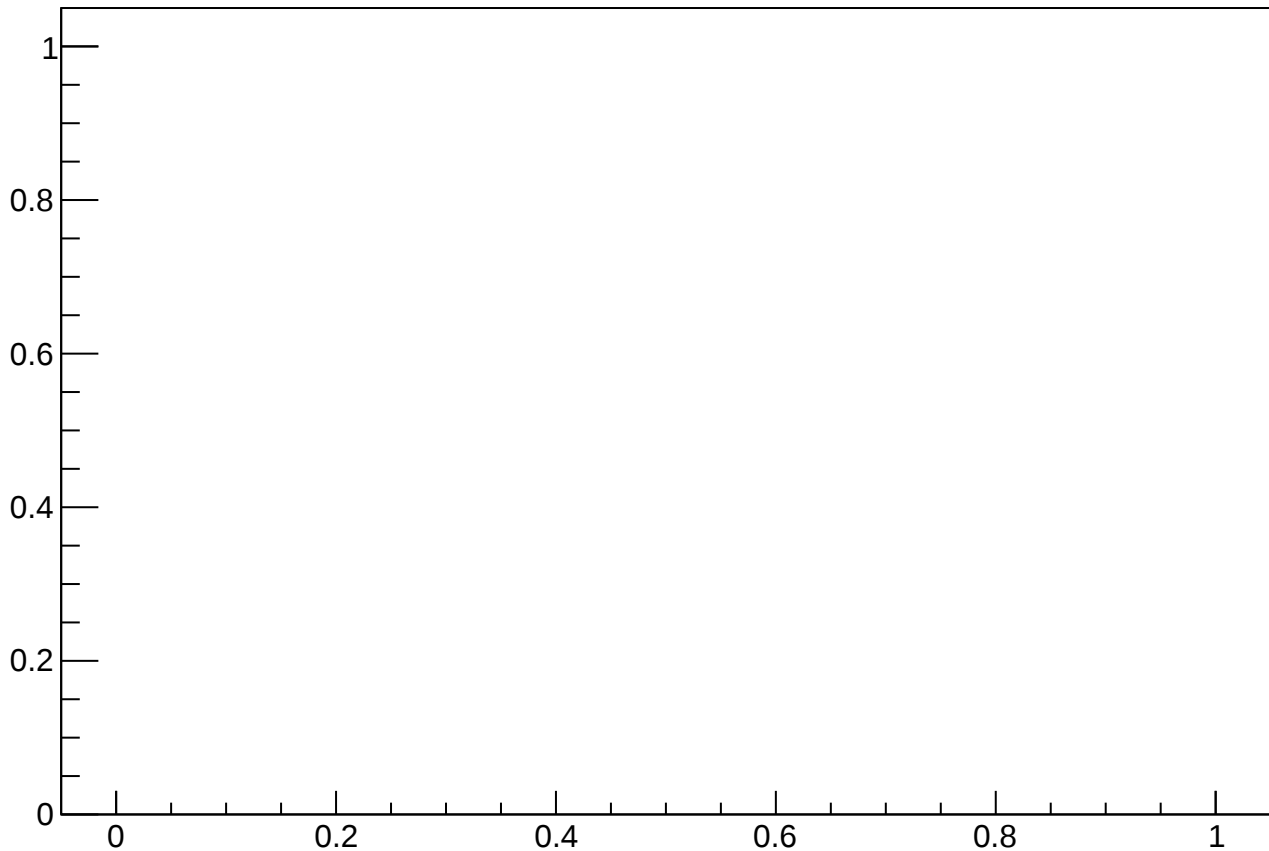
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_us_dg_ds_dd_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

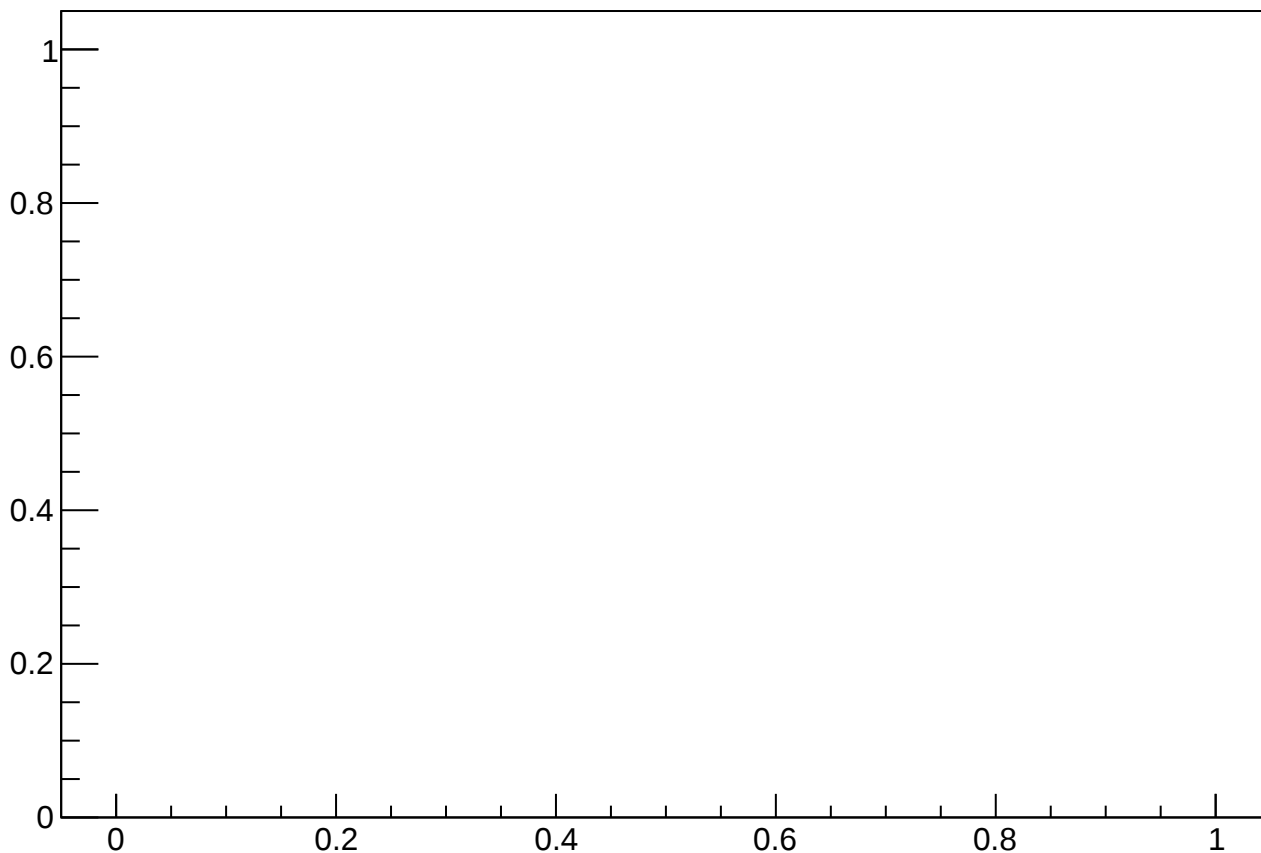
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

bcm_dg_us_dg_ds_dd_rms vs Slug



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

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

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

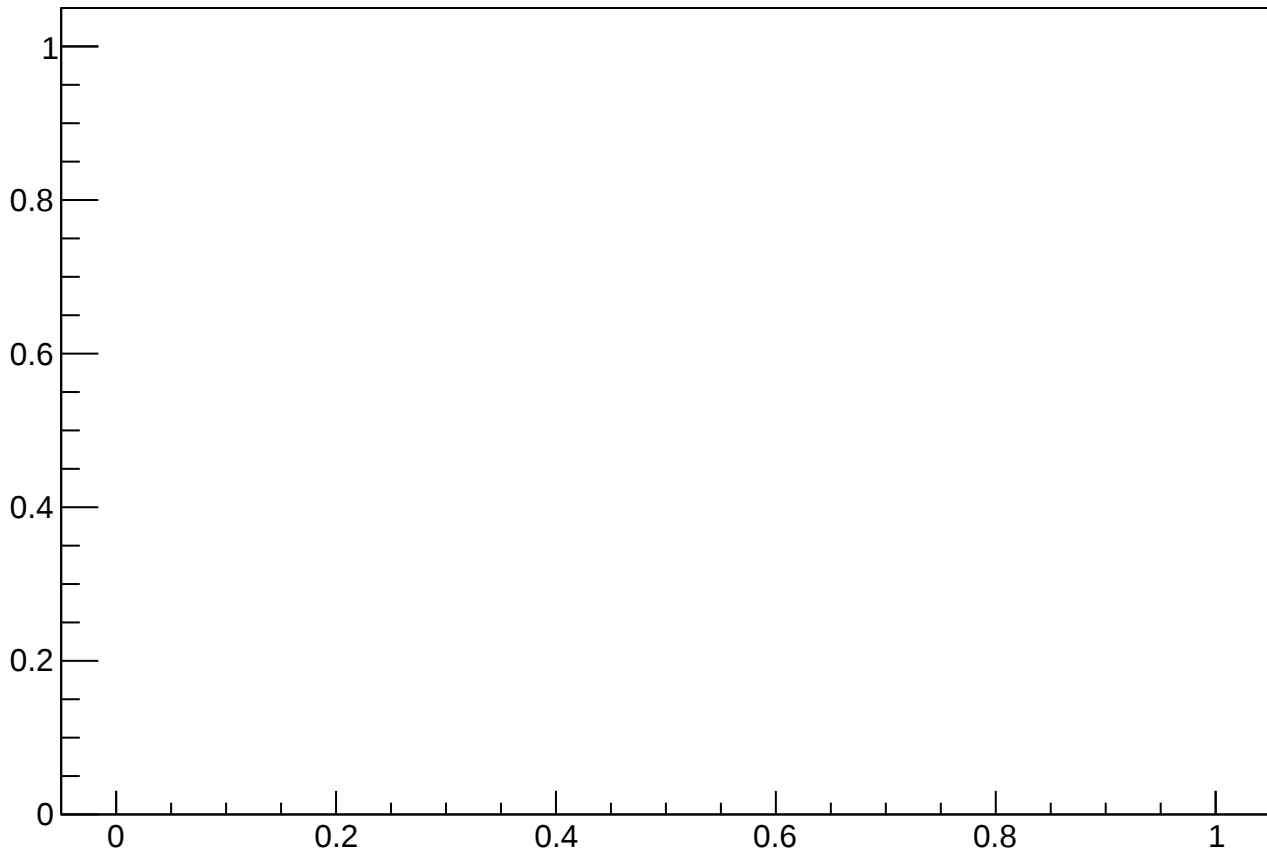
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_us_ds_dd_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

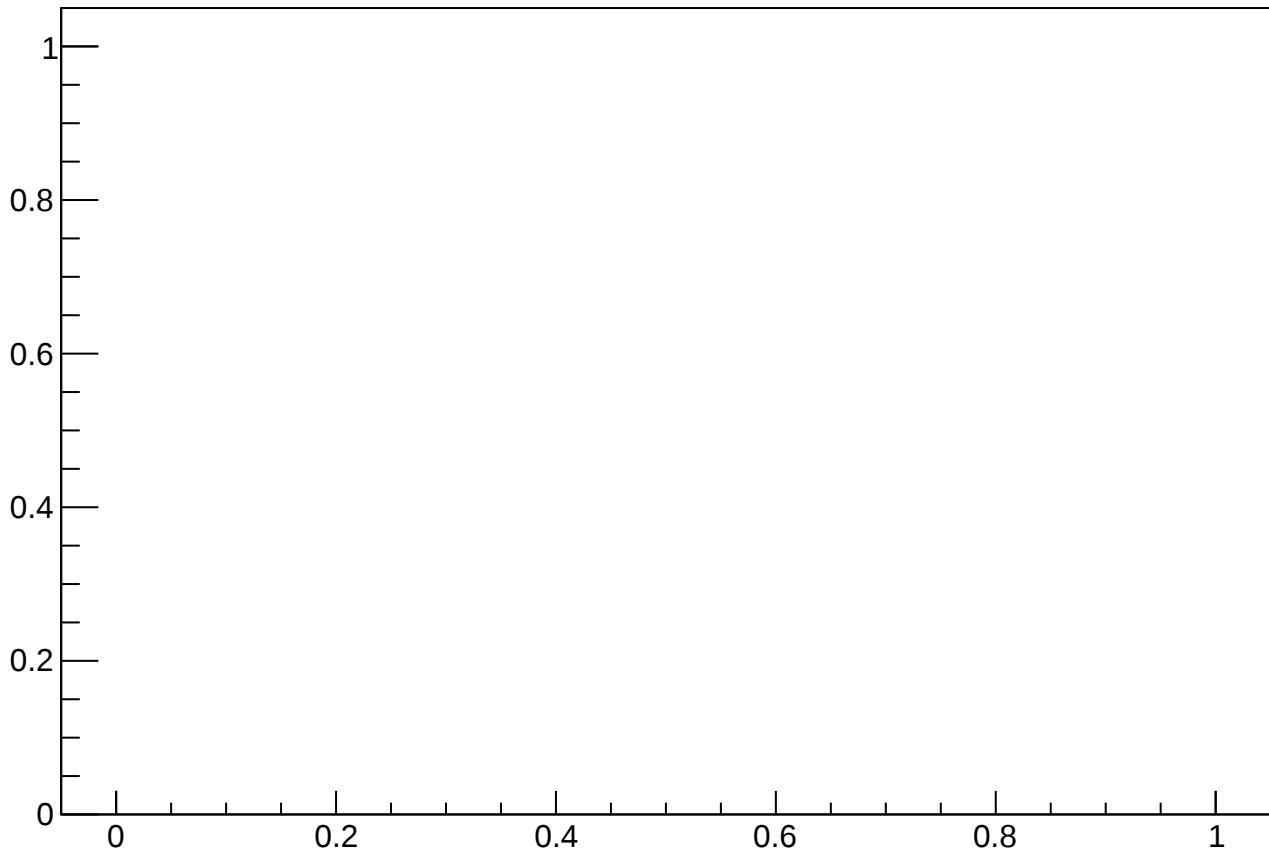
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

bcm_dg_us_ds_dd_rms vs Slug



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

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

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

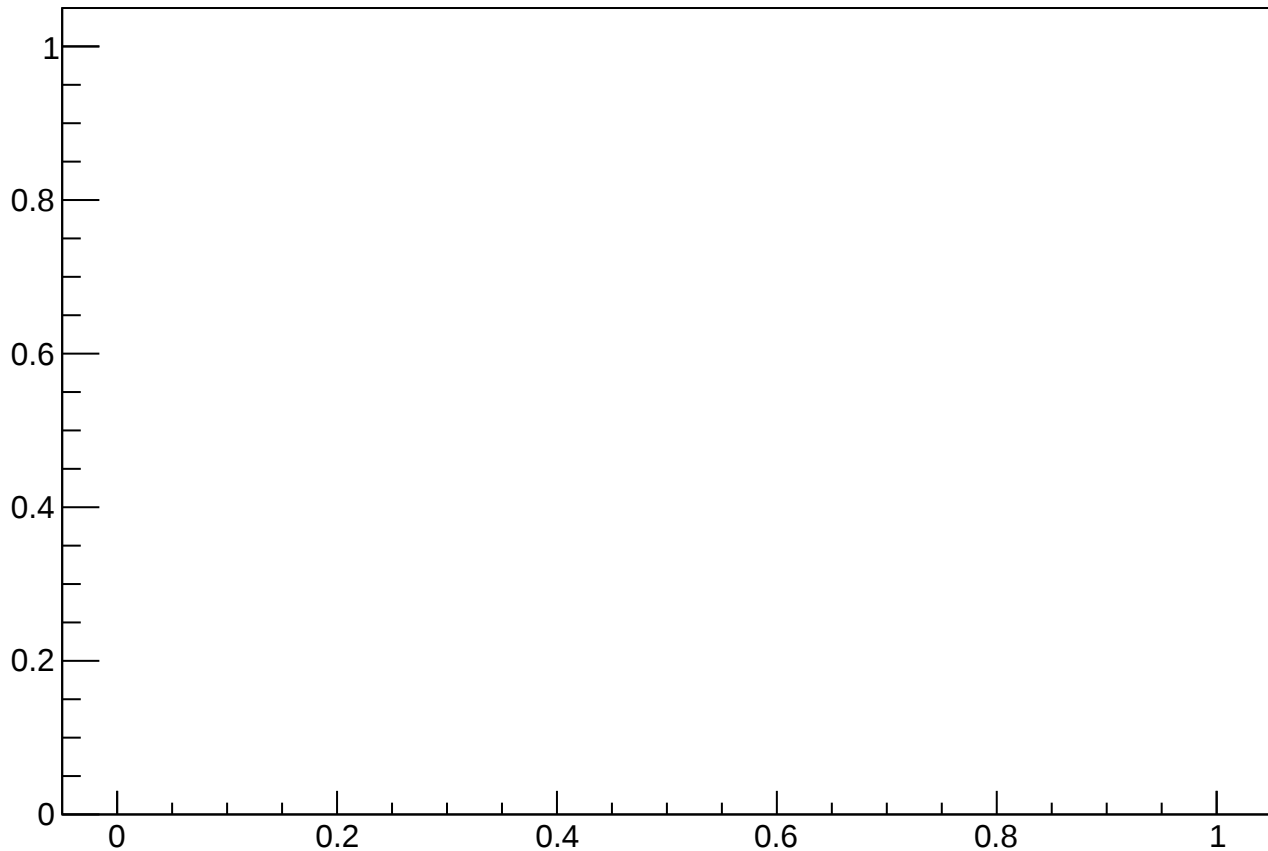
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_ds_ds_dd_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

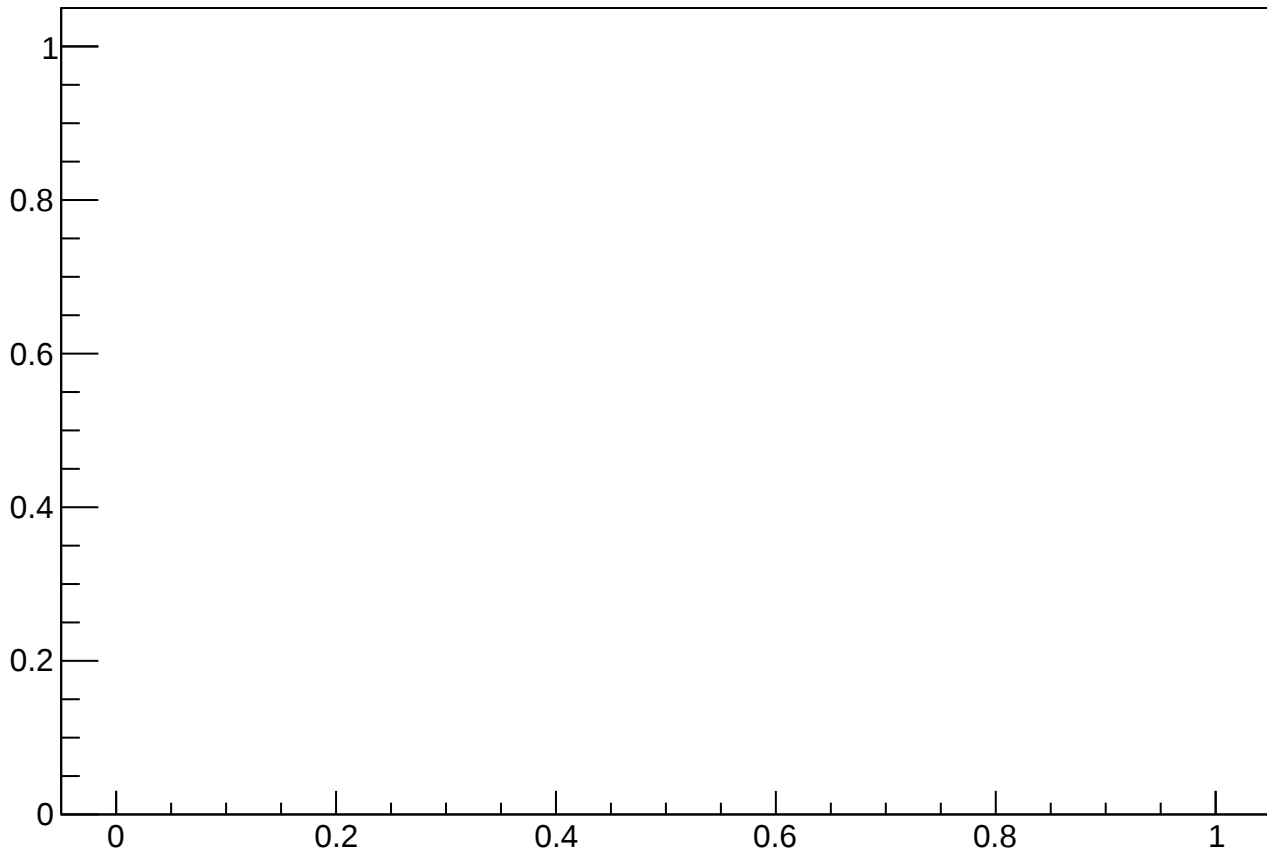
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

bcm_dg_ds_ds_dd_rms vs Slug



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

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

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

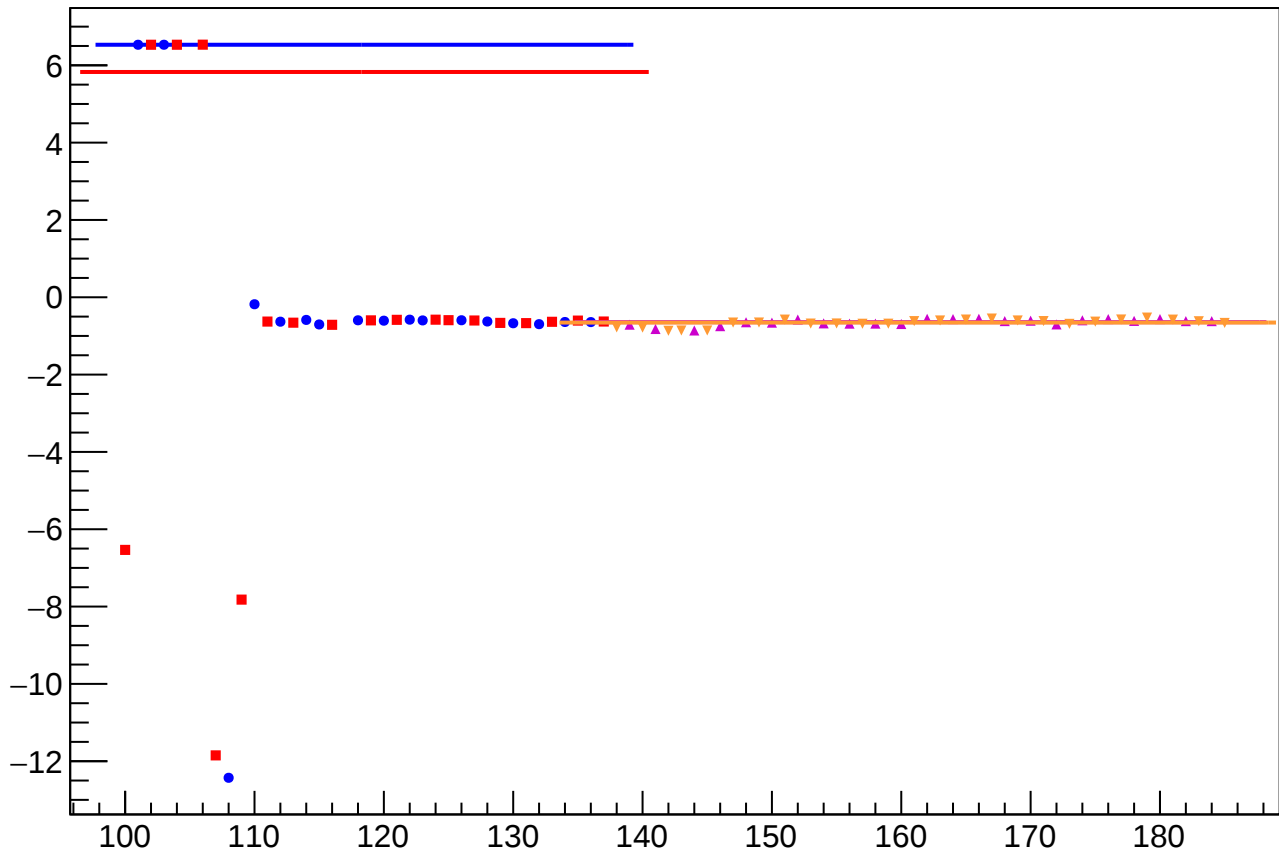
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

yield_cav4bX_mean vs Slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 127601781164.3/16

Left Out: -0.654 $\pm$ 0.000 χ^2 /NDF: 179063473.8/24

Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755961890470183.5/18

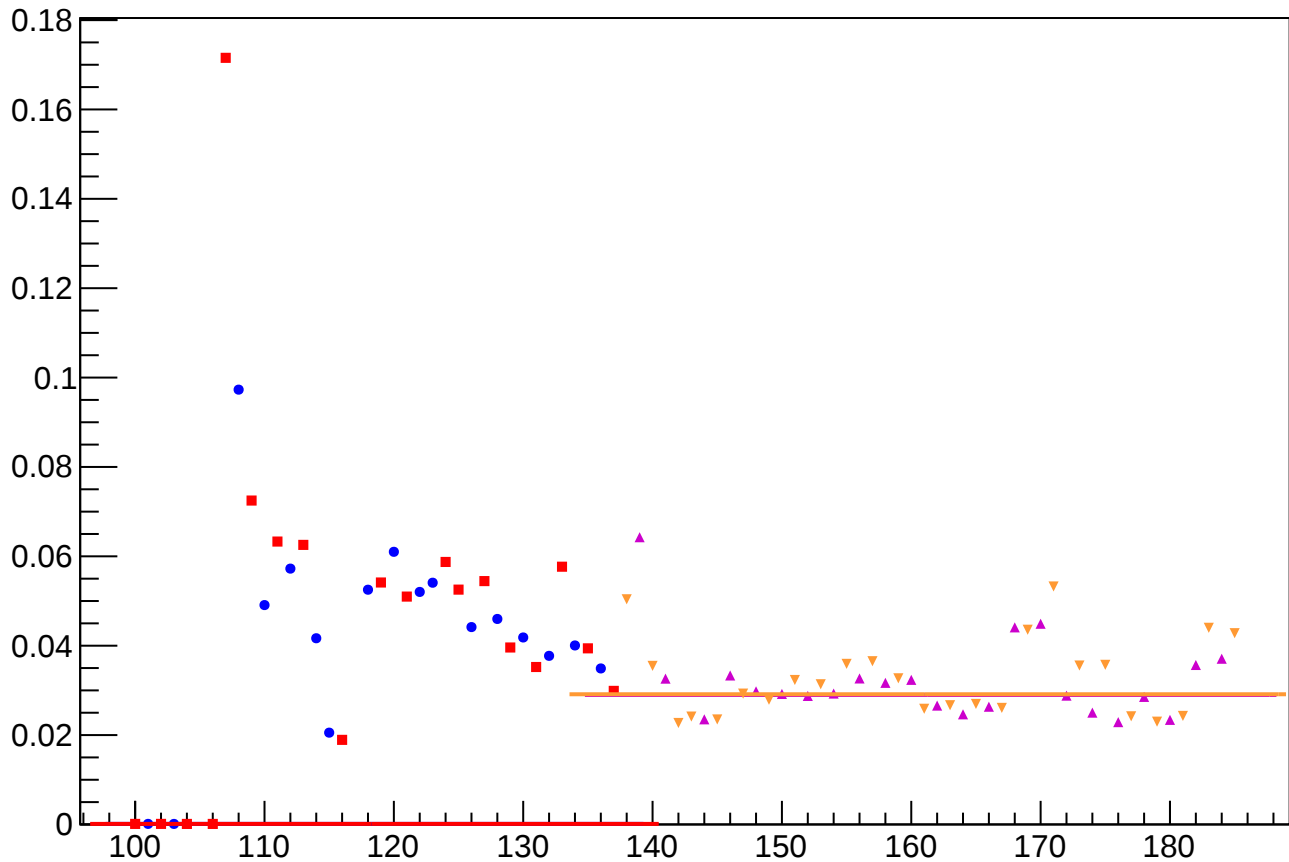
Left In: -0.643 $\pm$ 0.000 χ^2 /NDF: 123743747.1/22

+ sign 6.530 $\pm$ 0.000 χ^2 /NDF: 1001294993004.0/41

All: 6.153 $\pm$ 0.000 χ^2 /NDF: 77762675572368

- sign 5.826 $\pm$ 0.000 χ^2 /NDF: 756640353631964.4/

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8848188.8/16

Left Out: 0.029+/-0.000 χ^2/NDF :1483700.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 9323542.7/18

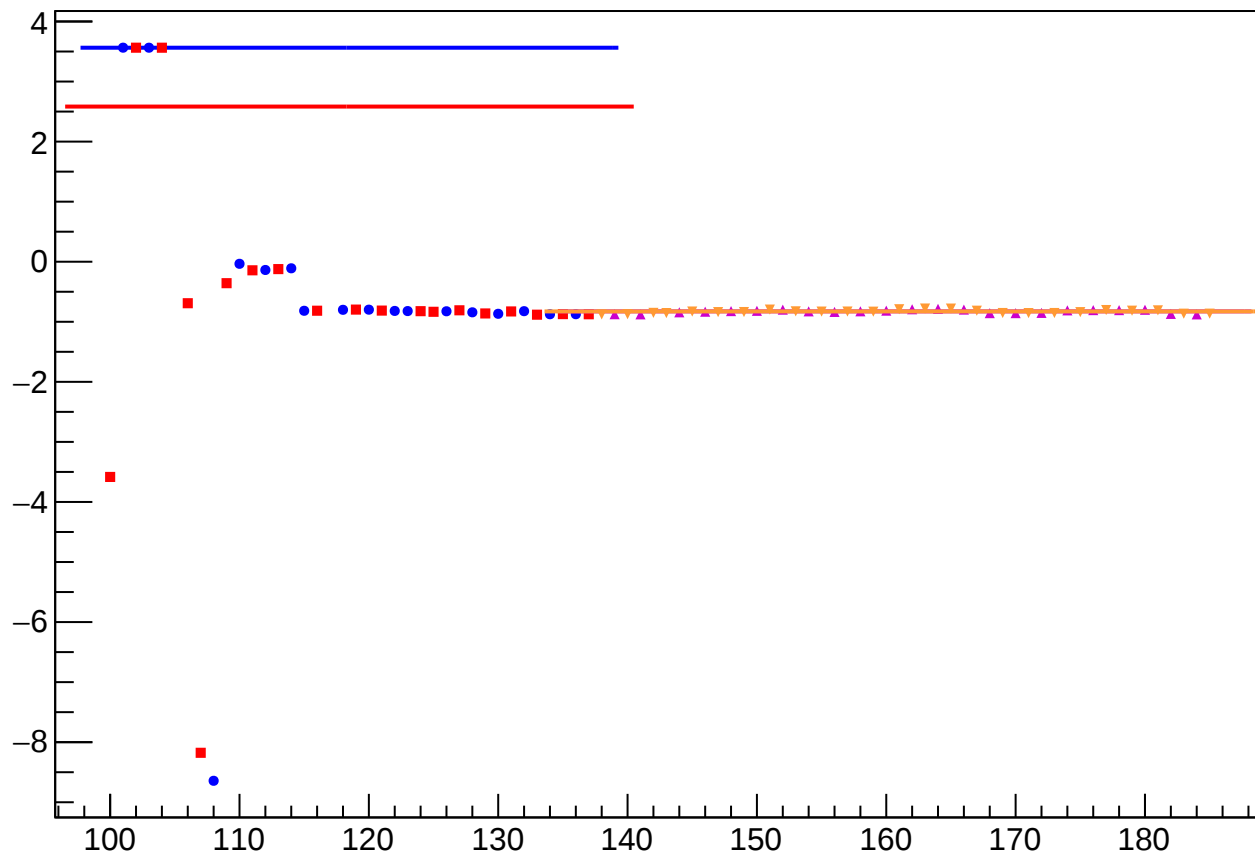
Left In: 0.029+/-0.000 χ^2/NDF :1206492.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 38802860.3/41

All: 0.000+/-0.000 χ^2/NDF : 76308938.9/83

- sign 0.000+/-0.000 χ^2/NDF : 37505410.1/41

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000 χ^2/NDF : 480140963917.5/16

Left Out: -0.827+/-0.000 χ^2/NDF : 169682238.6/24

Right Out: 2.583+/-0.000 χ^2/NDF : 1253501370113259.5/18

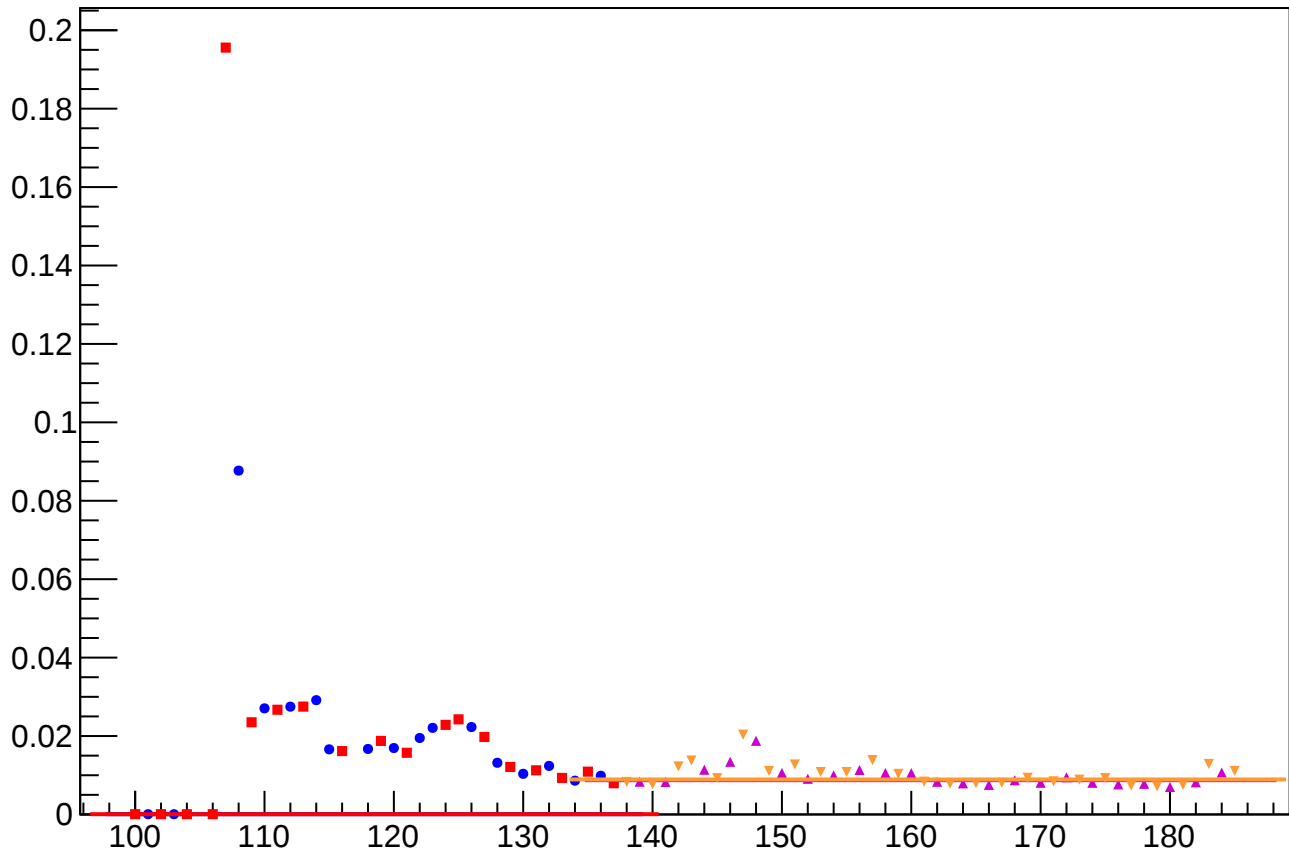
Left In: -0.827+/-0.000 χ^2/NDF : 174130375.4/22

+ sign 3.560+/-0.000 χ^2/NDF : 4173671453449.5/41

All: 3.038+/-0.000 χ^2/NDF : 13879749058039

- sign 2.581+/-0.000 χ^2/NDF : 1255722465407050.2

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9686061.1/16

Left Out: 0.009+/-0.000 χ^2/NDF :1467137.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 9818933.2/18

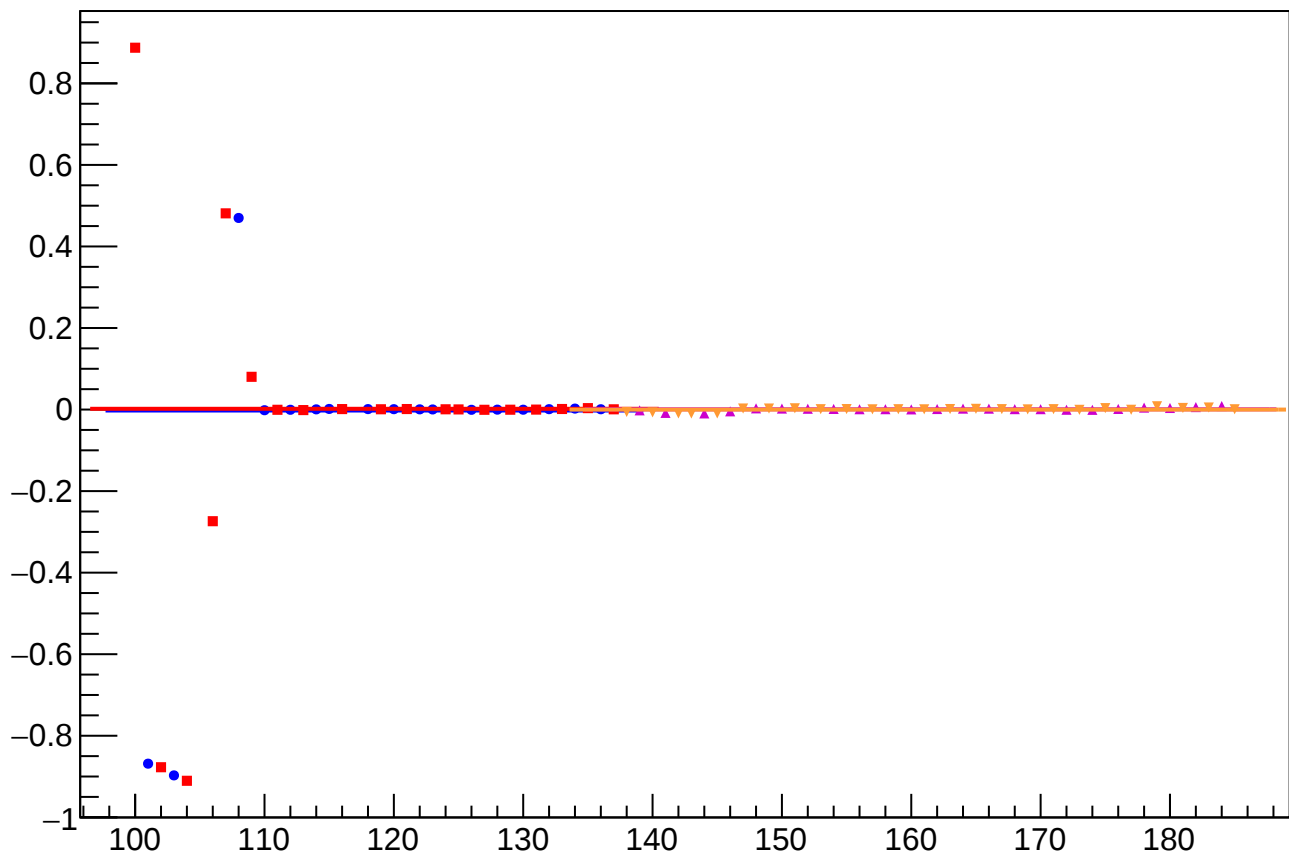
Left In: 0.009+/-0.000 χ^2/NDF :1042123.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 41200559.5/41

All: 0.000+/-0.000 χ^2/NDF : 80827296.8/83

- sign 0.000+/-0.000 χ^2/NDF : 39625661.7/41

yield_cav4cX_mean vs Slug



Right In: -0.002+/-0.000 χ^2/NDF : 9794882359.1/16

Left Out: -0.000+/-0.000 χ^2/NDF : 151507626.0/24

Right Out: 0.002+/-0.000 χ^2/NDF : 3041319636.1/18

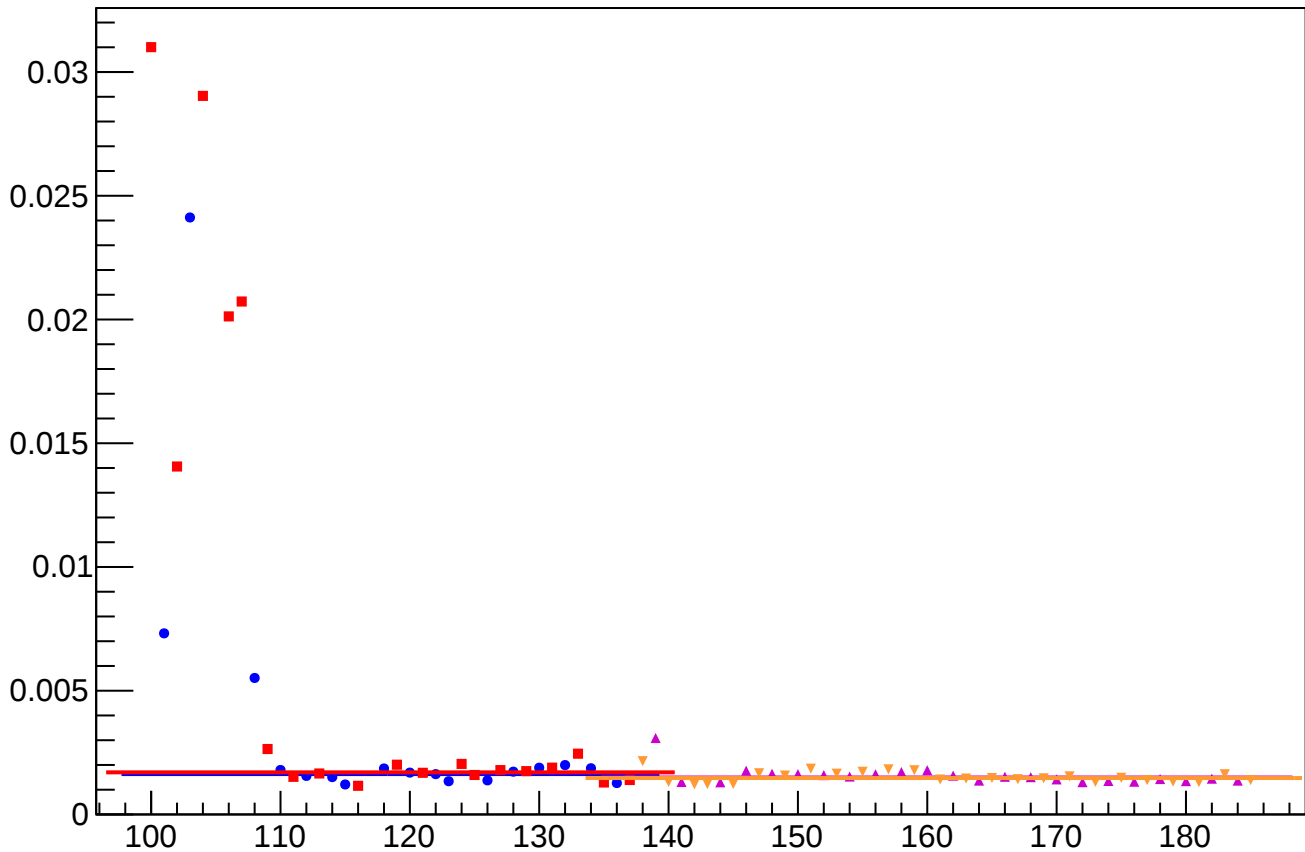
Left In: 0.001+/-0.000 χ^2/NDF : 101468517.6/22

+ sign -0.001+/-0.000 χ^2/NDF : 9953348966.0/41

All: 0.000+/-0.000 χ^2/NDF : 13105671383.6/8

- sign 0.001+/-0.000 χ^2/NDF : 3144762210.2/41

yield_cav4cX_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1921590.0/16

Left Out: 0.001 $\pm$ 0.000 χ^2 /NDF:538622.2/24

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3023068.5/18

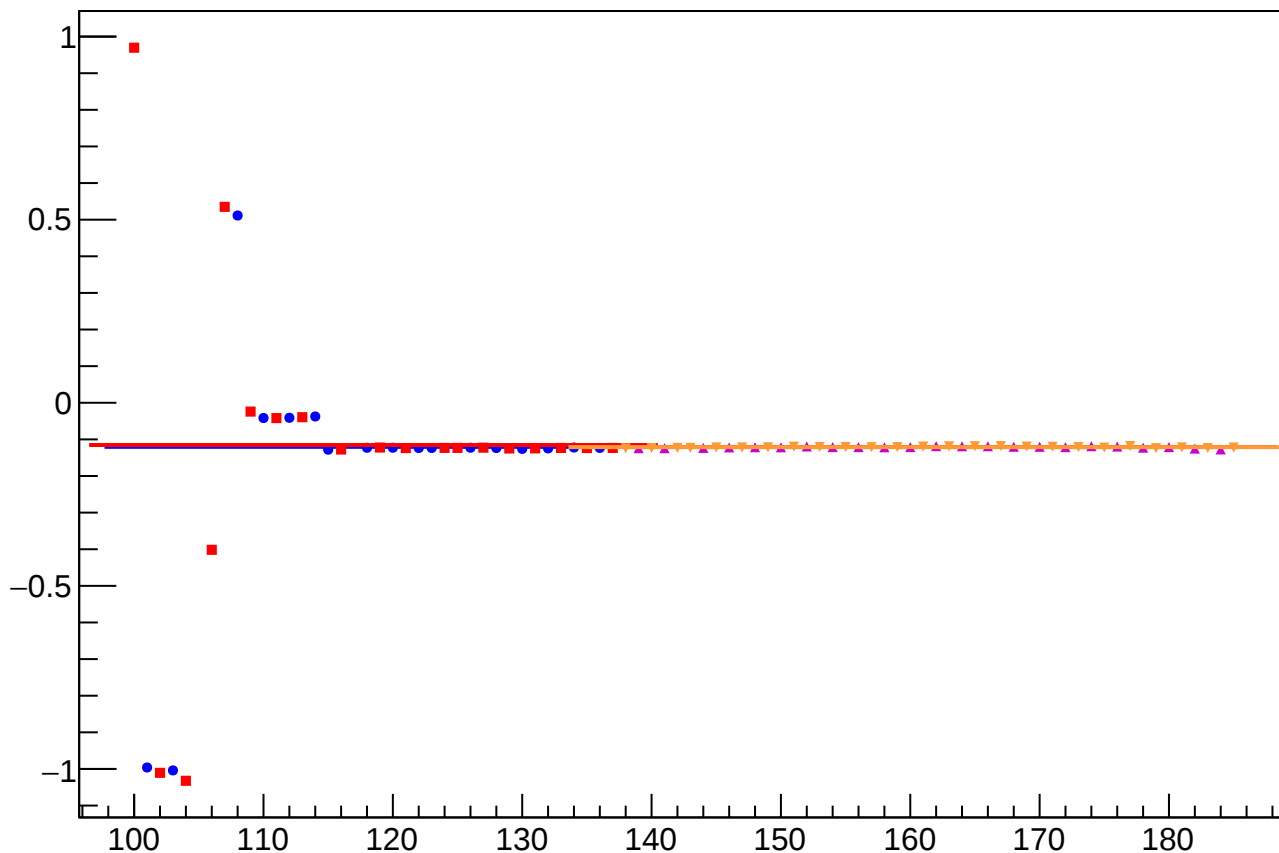
Left In: 0.001 $\pm$ 0.000 χ^2 /NDF:659543.3/22

+ sign 0.002 $\pm$ 0.000 χ^2 /NDF: 2529659.7/41

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 6327504.5/83

- sign 0.002 $\pm$ 0.000 χ^2 /NDF: 3789965.5/41

yield_cav4cY_mean vs Slug



Right In: -0.120+/-0.000 χ^2/NDF : 3932599788.9/16

Left Out: -0.121+/-0.000 χ^2/NDF : 58166588.8/24

Right Out: -0.115+/-0.000 χ^2/NDF : 2456183694.8/18

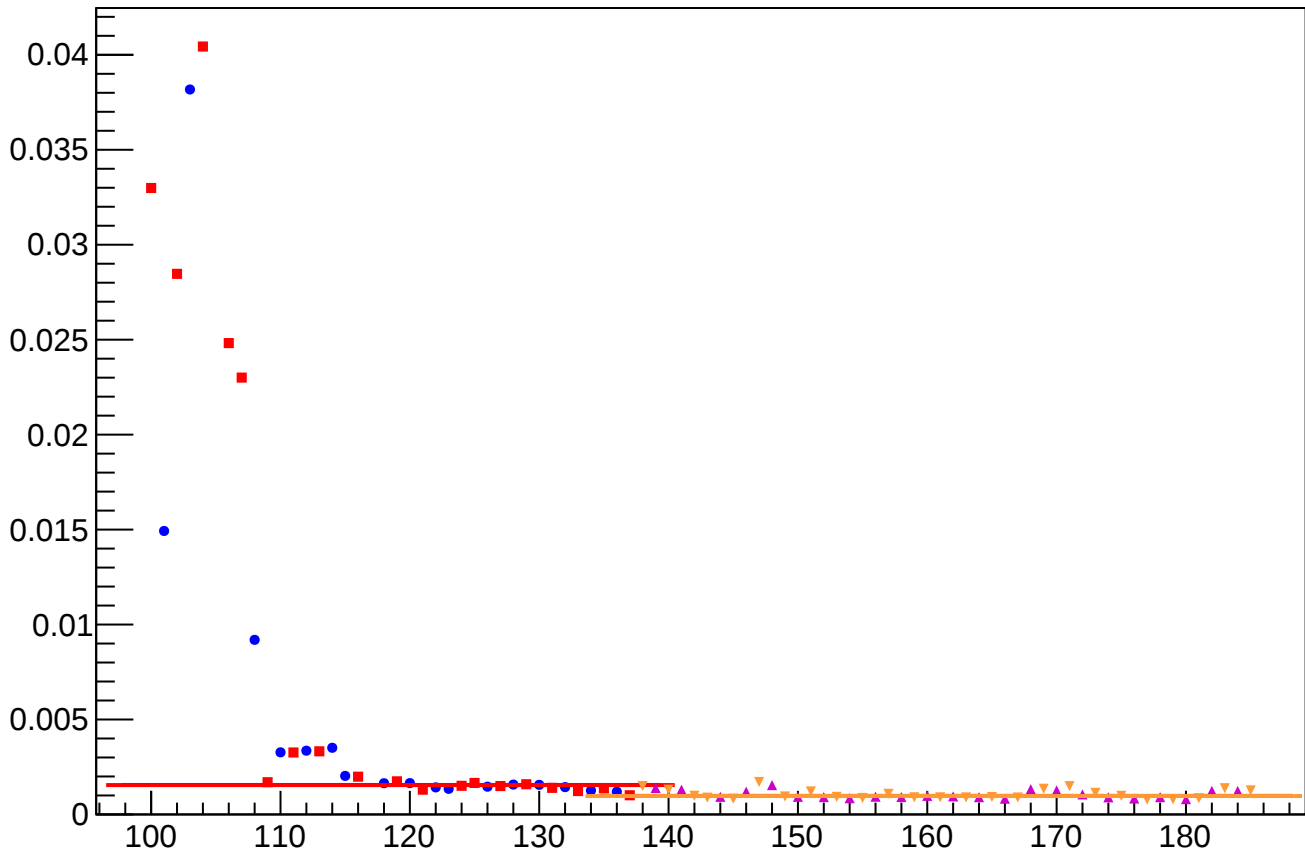
Left In: -0.121+/-0.000 χ^2/NDF : 53134323.3/22

+ sign -0.121+/-0.000 χ^2/NDF : 3991767377.8/41

All: -0.121+/-0.000 χ^2/NDF : 6556960041.7/8

- sign -0.120+/-0.000 χ^2/NDF : 2561123314.7/41

yield_cav4cY_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2897244.2/16

Left Out: 0.001 $\pm$ 0.000 χ^2 /NDF:1369589.9/24

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3536477.8/18

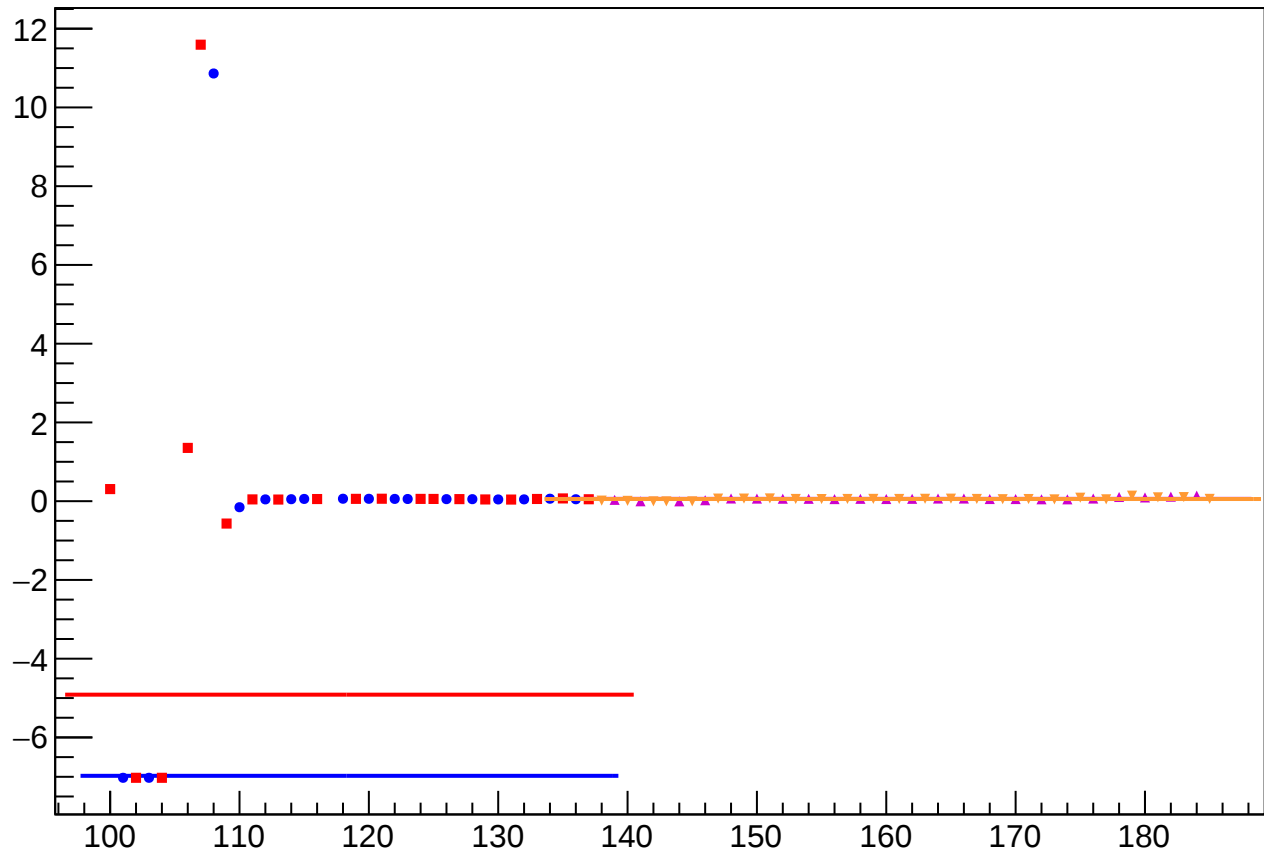
Left In: 0.001 $\pm$ 0.000 χ^2 /NDF:972588.0/22

+ sign 0.001 $\pm$ 0.000 χ^2 /NDF: 5421701.5/41

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 11036080.2/83

- sign 0.001 $\pm$ 0.000 χ^2 /NDF: 5612450.0/41

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2 /NDF: 8762449111165.9/16

Left Out: 0.055+/-0.000 χ^2 /NDF:243609509.3/24

Right Out: -4.914+/-0.000 χ^2 /NDF: 365348533697497.2/18

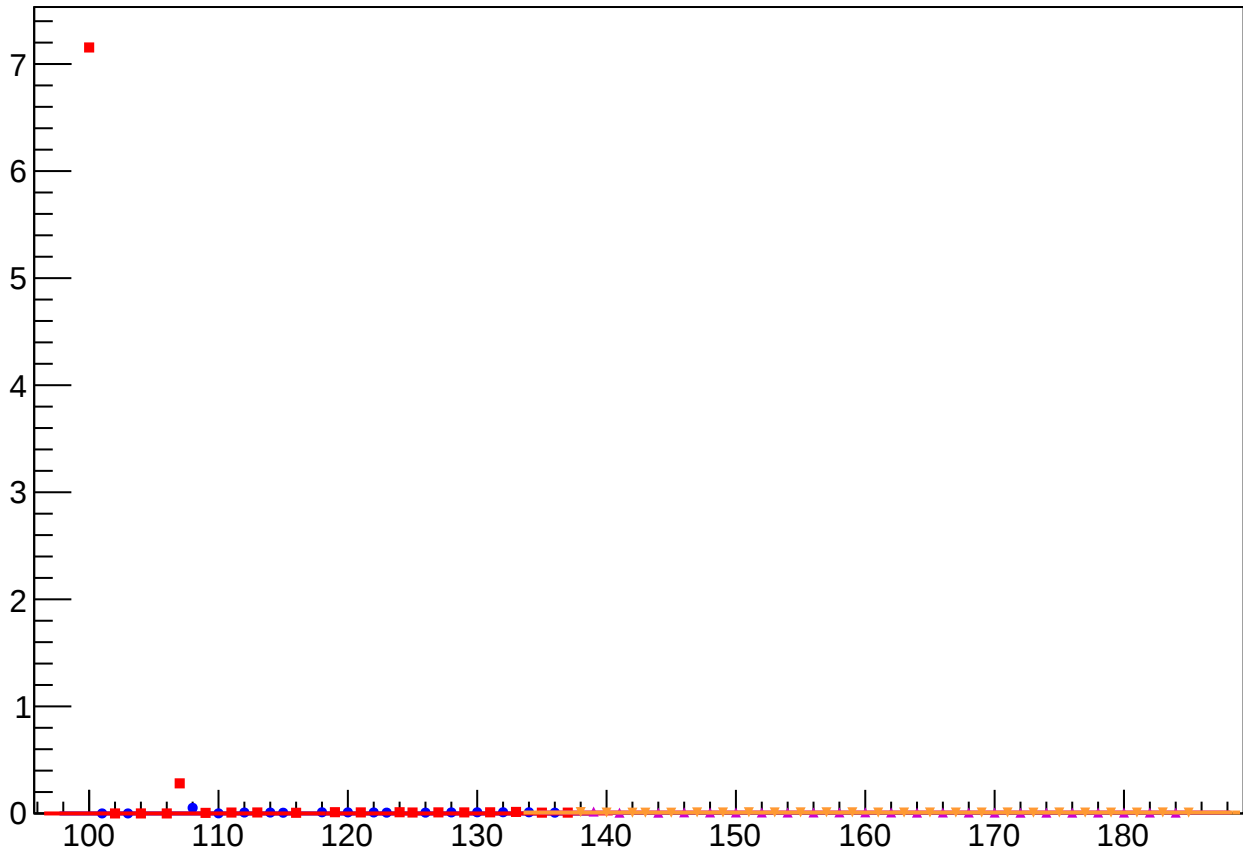
Left In: 0.059+/-0.000 χ^2 /NDF:178713649.9/22

+ sign -6.921+/-0.000 χ^2 /NDF: 18416160721465.6/16

All: -5.858+/-0.000 χ^2 /NDF: 4435802358955.6/16

- sign -4.882+/-0.000 χ^2 /NDF: 369770825822631.3/18

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8227727.7/16

Left Out: 0.009+/-0.000 χ^2/NDF : 513418.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 8749291.1/18

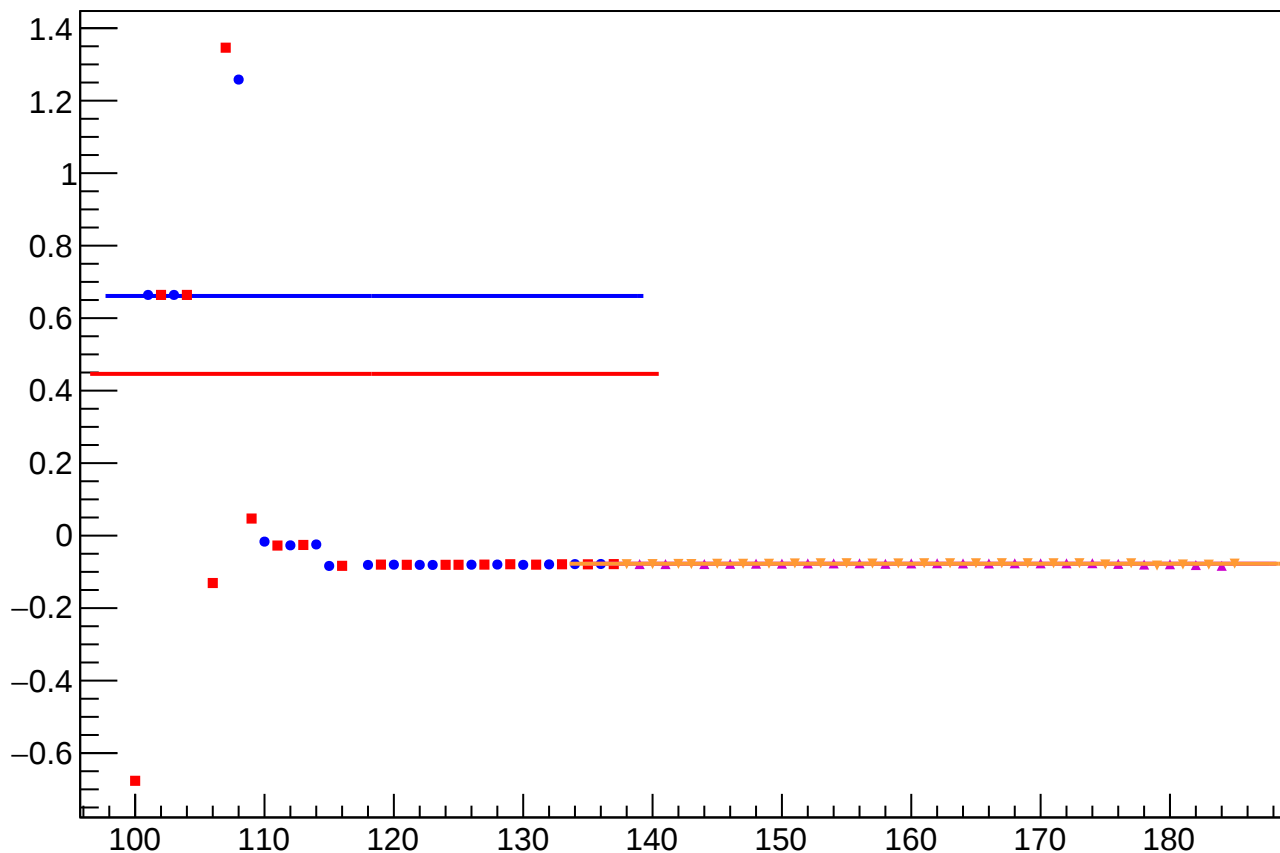
Left In: 0.009+/-0.000 χ^2/NDF : 636557.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 37207729.7/41

All: 0.000+/-0.000 χ^2/NDF : 73636145.1/83

- sign 0.000+/-0.000 χ^2/NDF : 36423953.1/41

yield_cav4dY_mean vs Slug



Right In: 0.661+/-0.000 χ^2/NDF : 5585151330309.5/16

Left Out: -0.078+/-0.000 χ^2/NDF : 156322322.2/24

Right Out: 0.446+/-0.000 χ^2/NDF : 405416742195381.0/18

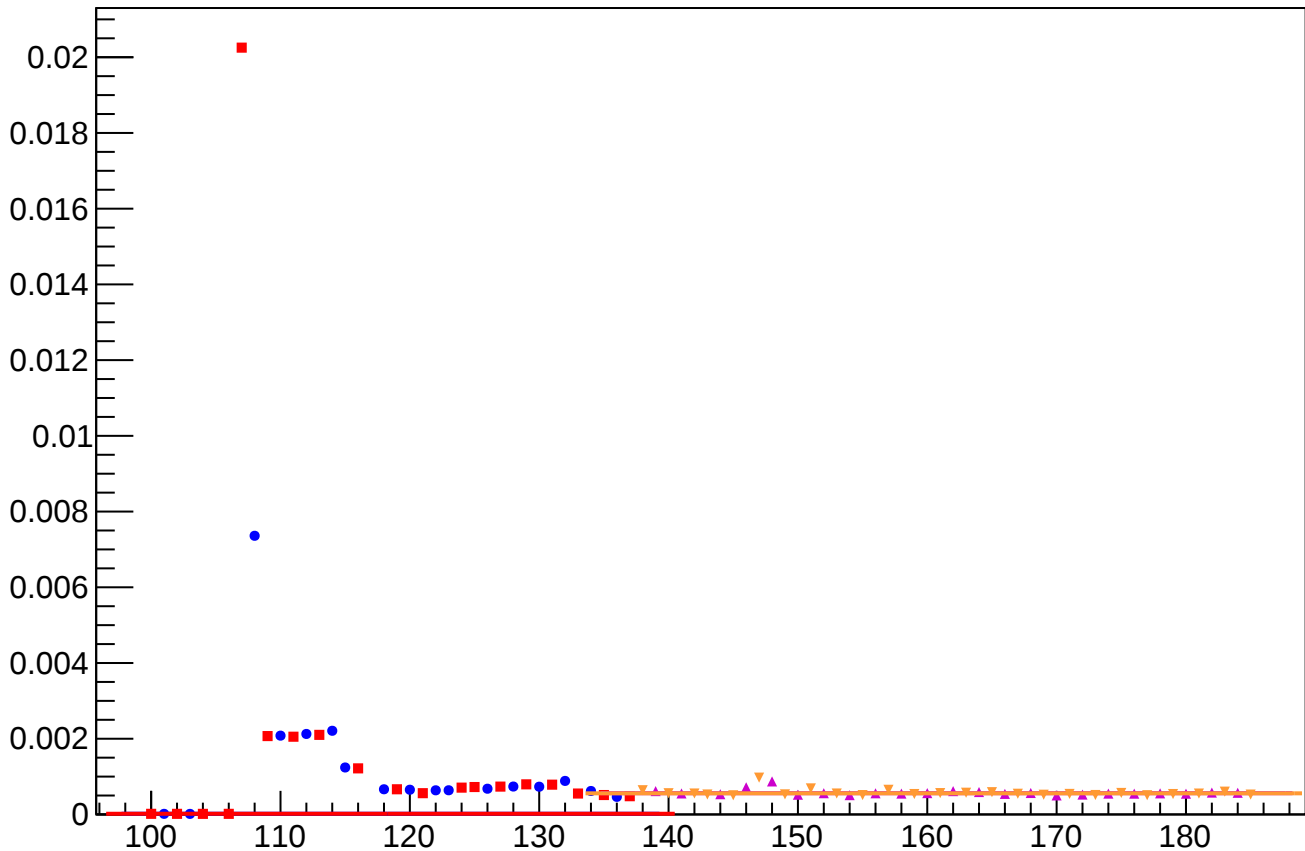
Left In: -0.077+/-0.000 χ^2/NDF : 111221084.5/22

+ sign 0.646+/-0.000 χ^2/NDF : 35742021016319.2/4

All: 0.537+/-0.000 χ^2/NDF : 51597347314351

- sign 0.437+/-0.000 χ^2/NDF : 419648295097551.4/

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9835626.2/16

Left Out: 0.001+/-0.000 χ^2/NDF :466709.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 9440944.6/18

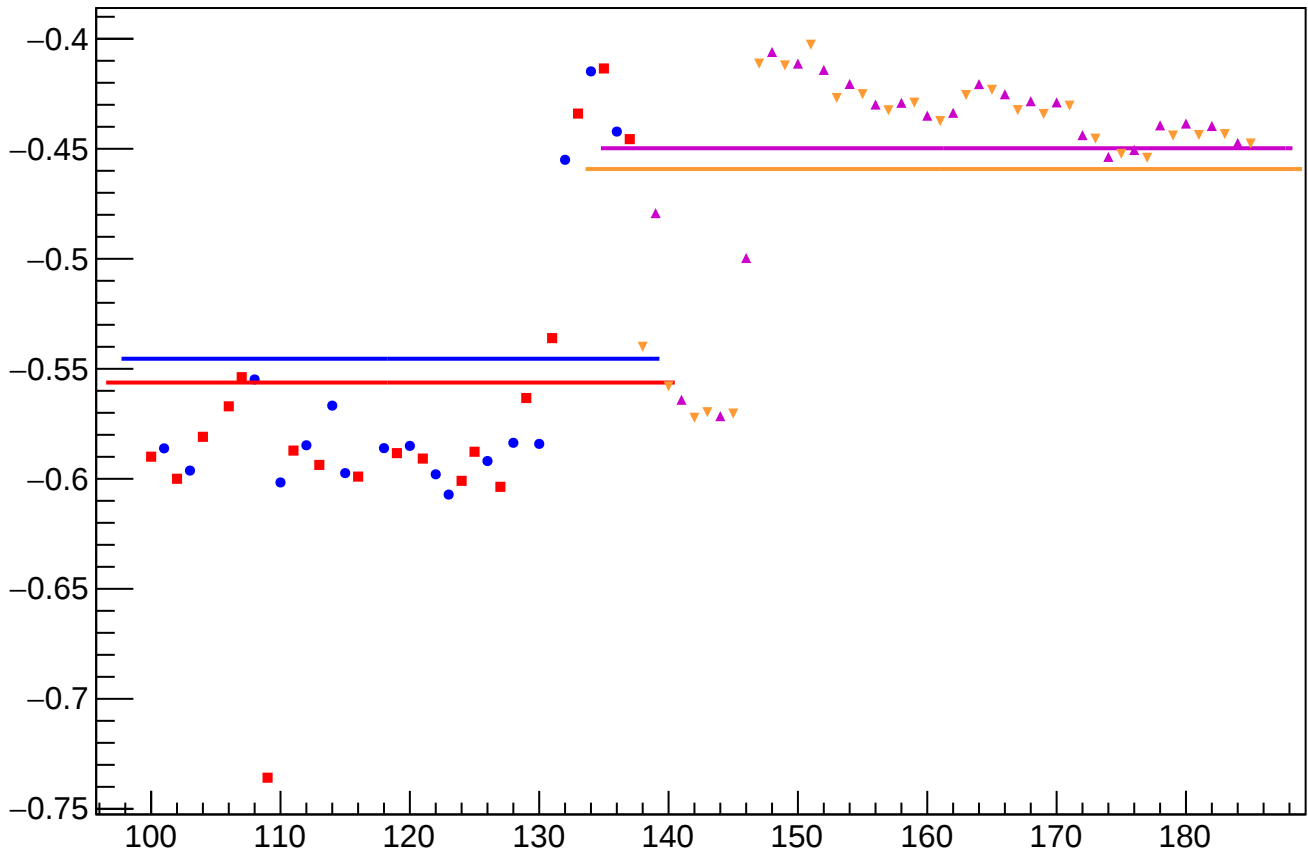
Left In: 0.001+/-0.000 χ^2/NDF :355587.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 42477761.7/41

All: 0.000+/-0.000 χ^2/NDF : 82963051.5/83

- sign 0.000+/-0.000 χ^2/NDF : 40478172.0/41

yield_bpm4aX_mean vs Slug



Right In: -0.545+/-0.000 χ^2/NDF : 46353554.3/16

Left Out: -0.459+/-0.000 χ^2/NDF : 113802296.5/24

Right Out: -0.556+/-0.000 χ^2/NDF : 63720924.6/18

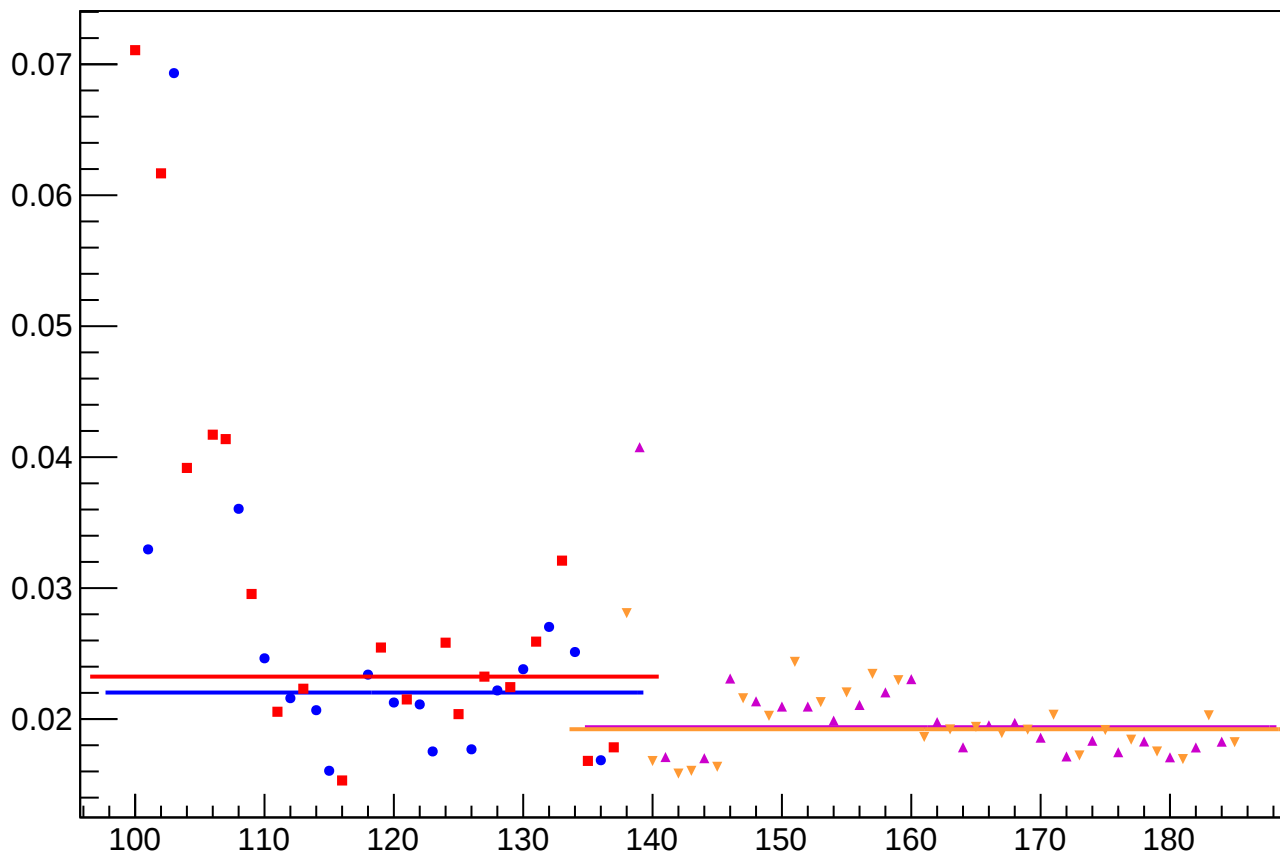
Left In: -0.450+/-0.000 χ^2/NDF : 76151485.7/22

+ sign -0.477+/-0.000 χ^2/NDF : 221502845.5/41

All: -0.474+/-0.000 χ^2/NDF : 450245556.8/83

- sign -0.472+/-0.000 χ^2/NDF : 228138955.4/41

yield_bpm4aX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 958242.5/16

Left Out: 0.019+/-0.000 χ^2/NDF : 501016.6/24

Right Out: 0.023+/-0.000 χ^2/NDF : 1154898.9/18

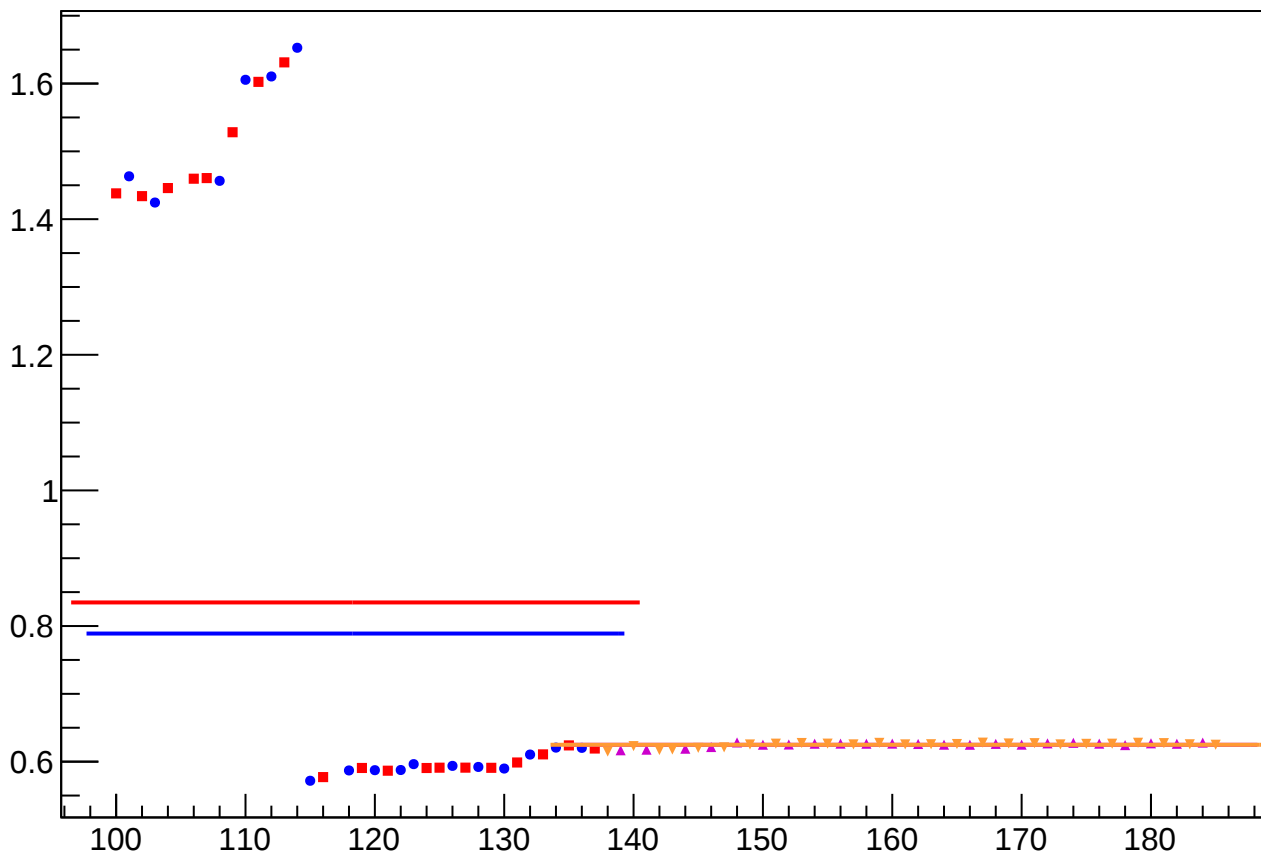
Left In: 0.019+/-0.000 χ^2/NDF : 656155.9/22

+ sign 0.020+/-0.000 χ^2/NDF : 1588729.0/41

All: 0.020+/-0.000 χ^2/NDF : 3639316.6/83

- sign 0.020+/-0.000 χ^2/NDF : 2043441.9/41

yield_bpm4aY_mean vs Slug



Right In: 0.789 $\pm$ 0.000 χ^2 /NDF: 3572292316.9/16

Left Out: 0.625 $\pm$ 0.000 χ^2 /NDF:1441361.8/24

Right Out: 0.835 $\pm$ 0.000 χ^2 /NDF: 4145929509.1/18

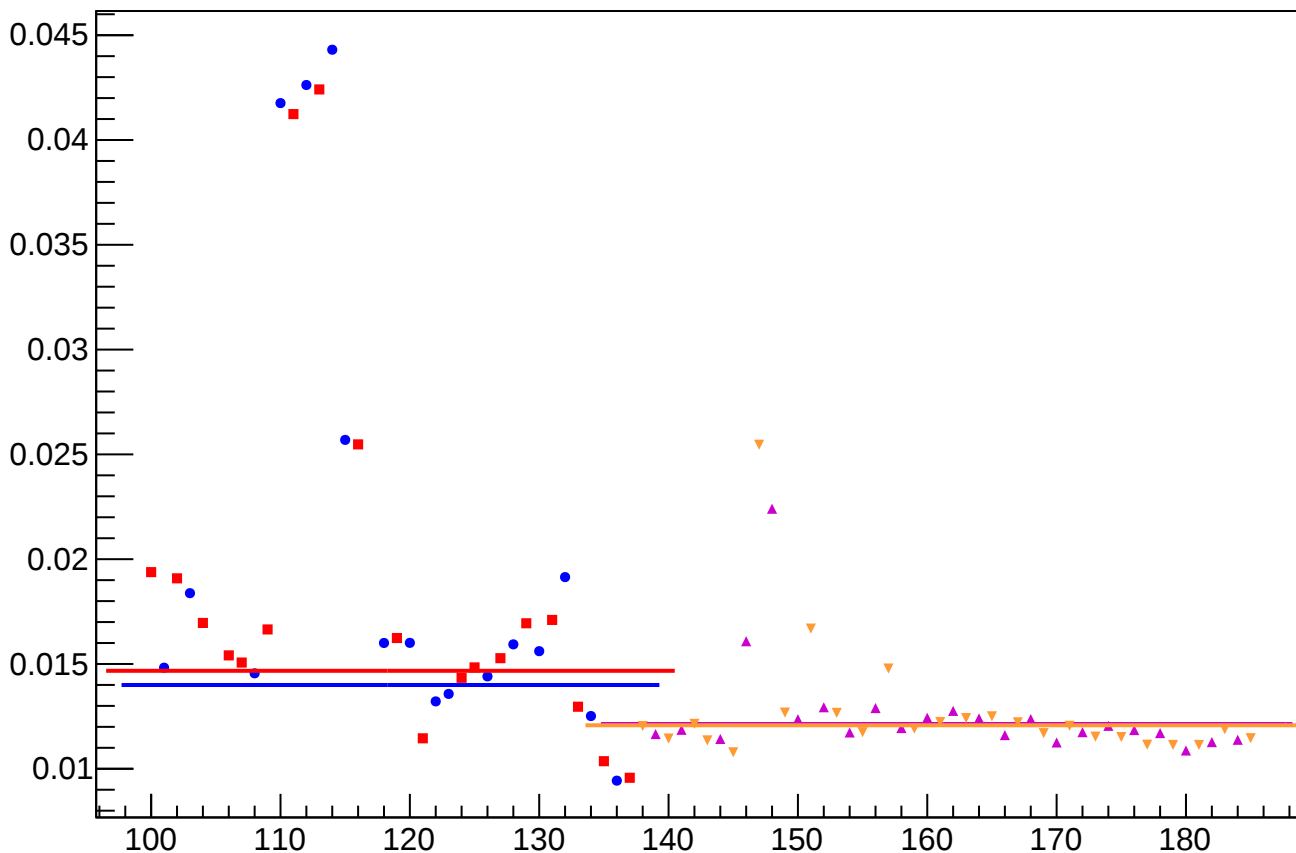
Left In: 0.625 $\pm$ 0.000 χ^2 /NDF:1135039.4/22

+ sign 0.656 $\pm$ 0.000 χ^2 /NDF: 4196130632.7/41

All: 0.661 $\pm$ 0.000 χ^2 /NDF: 9335715163.6/83

- sign 0.666 $\pm$ 0.000 χ^2 /NDF: 5132670185.0/41

yield_bpm4aY_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1393658.1/16

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 657284.9/24

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1257158.3/18

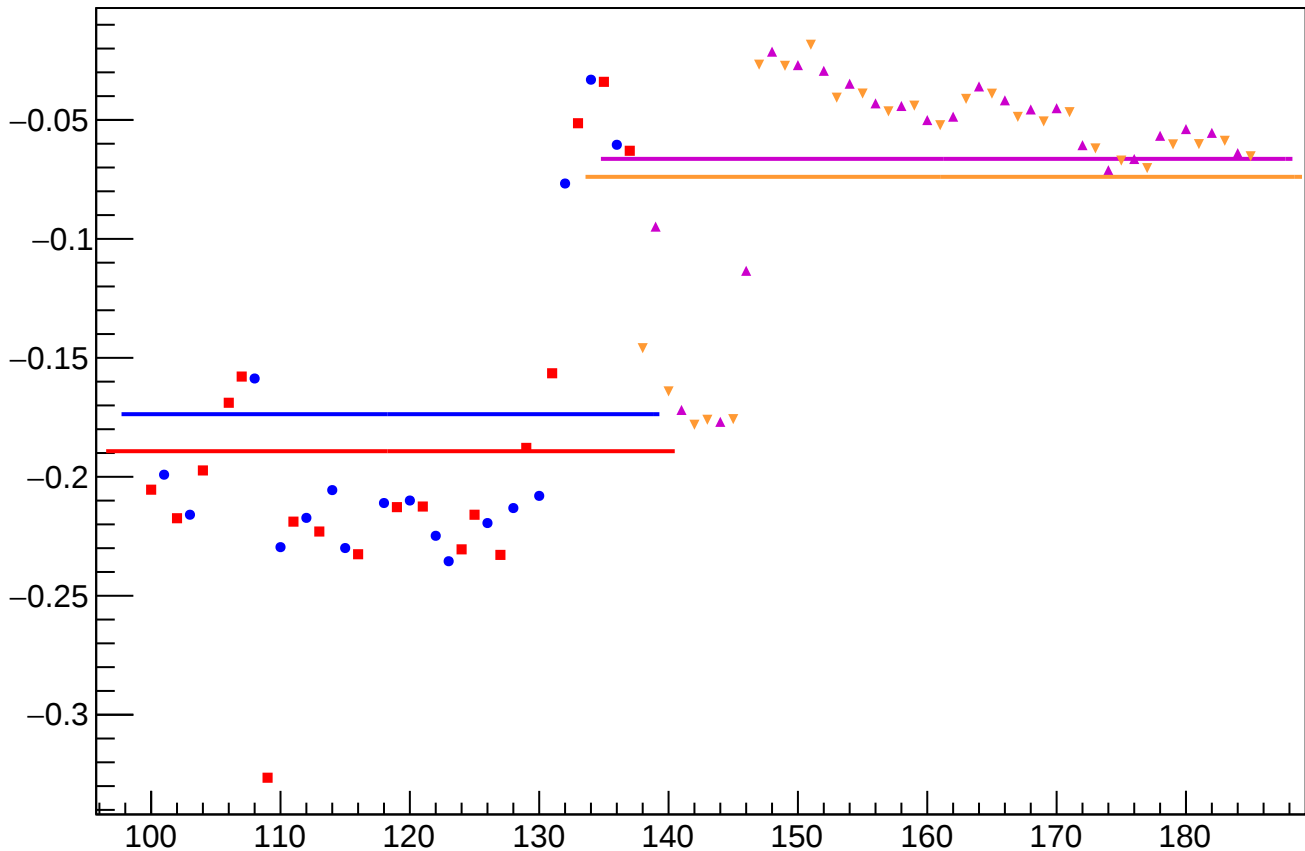
Left In: 0.012 $\pm$ 0.000 χ^2 /NDF: 488249.4/22

+ sign 0.012 $\pm$ 0.000 χ^2 /NDF: 2221906.0/41

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 4260806.5/83

- sign 0.013 $\pm$ 0.000 χ^2 /NDF: 2033566.4/41

yield_bpm4eX_mean vs Slug



Right In: -0.174+/-0.000 χ^2/NDF : 66840344.3/16

Left Out: -0.074+/-0.000 χ^2/NDF : 107853994.9/24

Right Out: -0.189+/-0.000 χ^2/NDF : 81440695.3/18

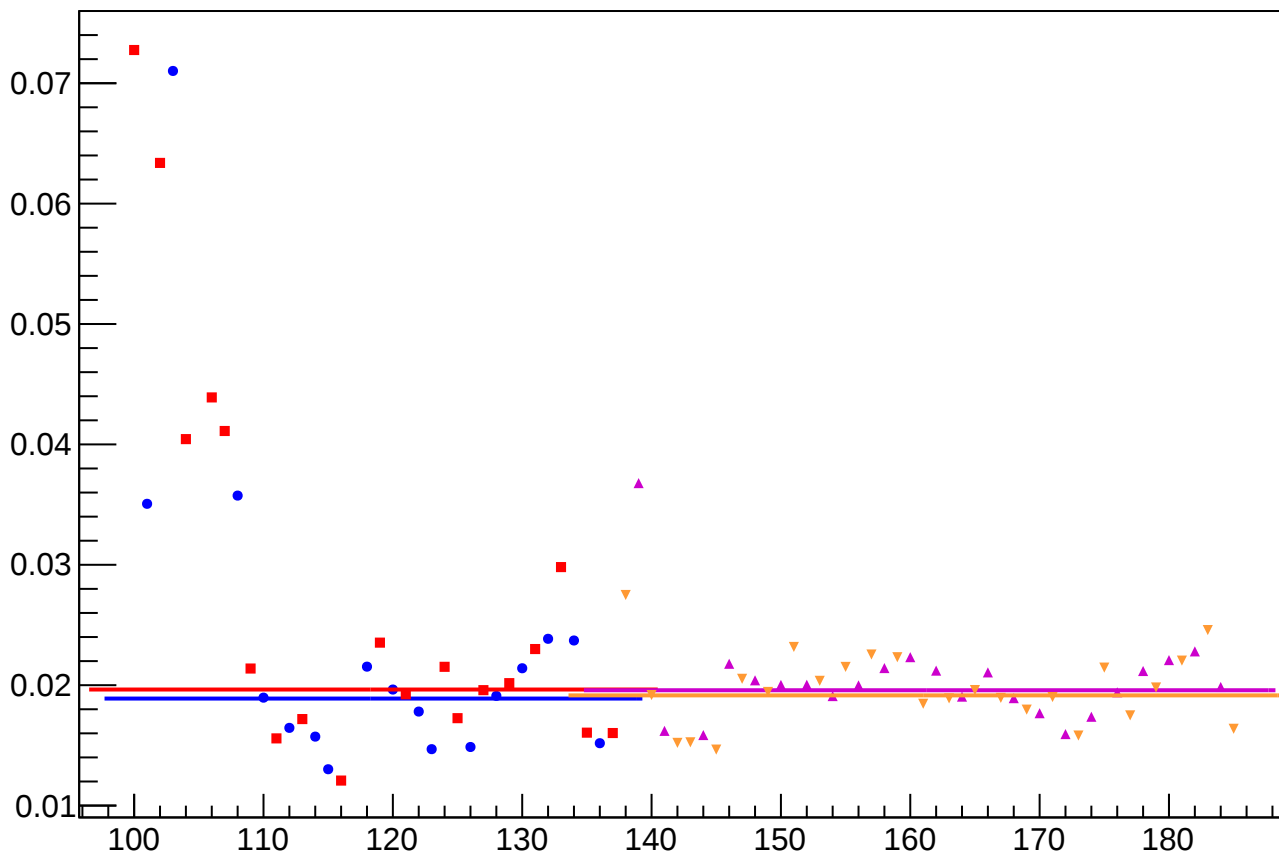
Left In: -0.066+/-0.000 χ^2/NDF : 76283954.4/22

+ sign -0.099+/-0.000 χ^2/NDF : 277759610.0/41

All: -0.099+/-0.000 χ^2/NDF : 584462379.6/83

- sign -0.099+/-0.000 χ^2/NDF : 306701021.0/41

yield_bpm4eX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1212238.5/16

Left Out: 0.019+/-0.000 χ^2/NDF : 639964.0/24

Right Out: 0.020+/-0.000 χ^2/NDF : 1451854.2/18

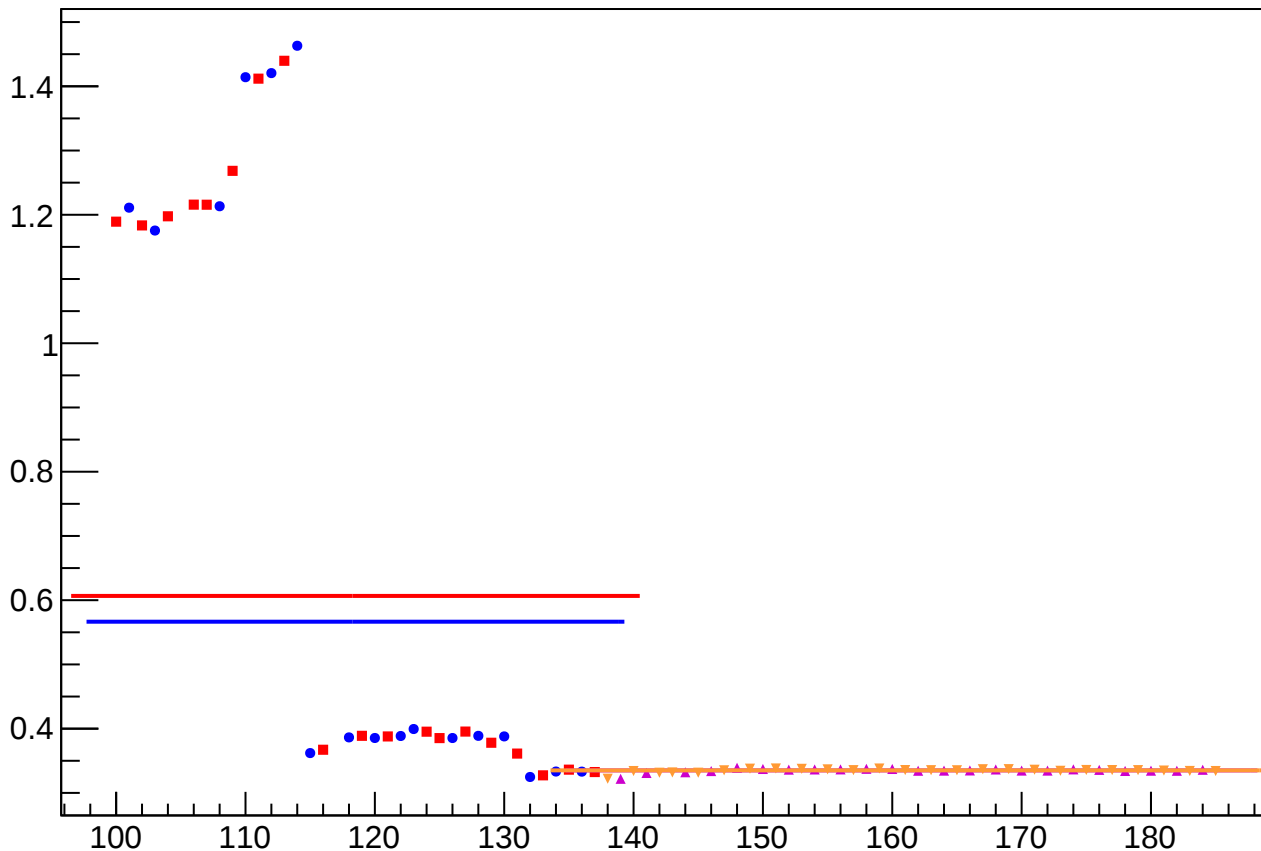
Left In: 0.020+/-0.000 χ^2/NDF : 651328.7/22

+ sign 0.019+/-0.000 χ^2/NDF : 1853654.6/41

All: 0.019+/-0.000 χ^2/NDF : 3970610.8/83

- sign 0.020+/-0.000 χ^2/NDF : 2103252.7/41

yield_bpm4eY_mean vs Slug



Right In: 0.567 $\pm$ 0.000 χ^2 /NDF: 5026553135.6/16

Left Out: 0.335 $\pm$ 0.000 χ^2 /NDF:1154168.2/24

Right Out: 0.607 $\pm$ 0.000 χ^2 /NDF: 5520995734.6/18

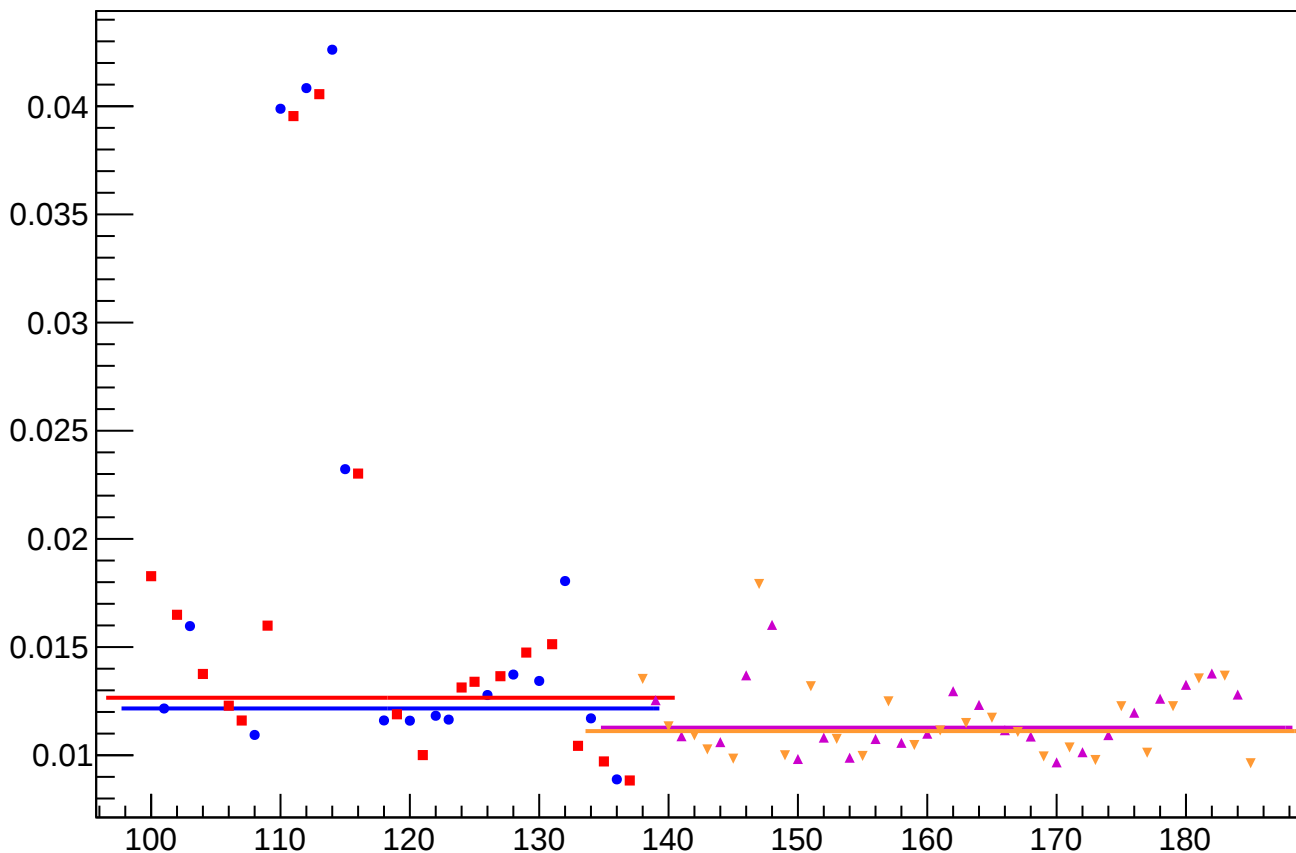
Left In: 0.335 $\pm$ 0.000 χ^2 /NDF:1198302.8/22

+ sign 0.384 $\pm$ 0.000 χ^2 /NDF: 6624356713.9/41

All: 0.389 $\pm$ 0.000 χ^2 /NDF: 14266993921.2/8

- sign 0.394 $\pm$ 0.000 χ^2 /NDF: 7632869573.5/41

yield_bpm4eY_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1302333.7/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 607753.0/24

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1265522.0/18

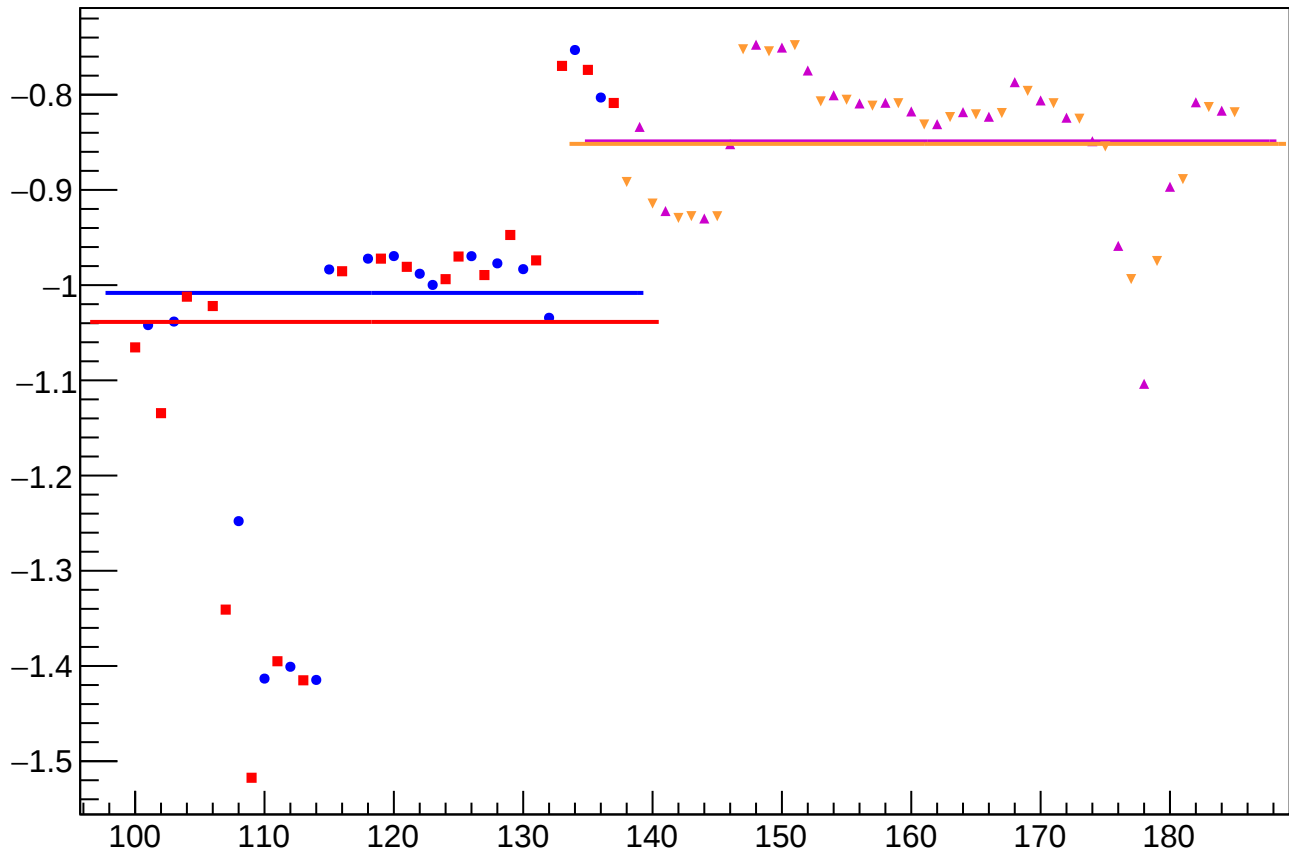
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF: 502226.7/22

+ sign 0.011 $\pm$ 0.000 χ^2 /NDF: 1975438.1/41

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 3862690.5/83

- sign 0.012 $\pm$ 0.000 χ^2 /NDF: 1877210.1/41

yield_bpm4acX_mean vs Slug



Right In: -1.008+/-0.000 χ^2/NDF : 393095883.4/16

Left Out: -0.852+/-0.000 χ^2/NDF : 189257076.9/24

Right Out: -1.039+/-0.000 χ^2/NDF : 534509069.6/18

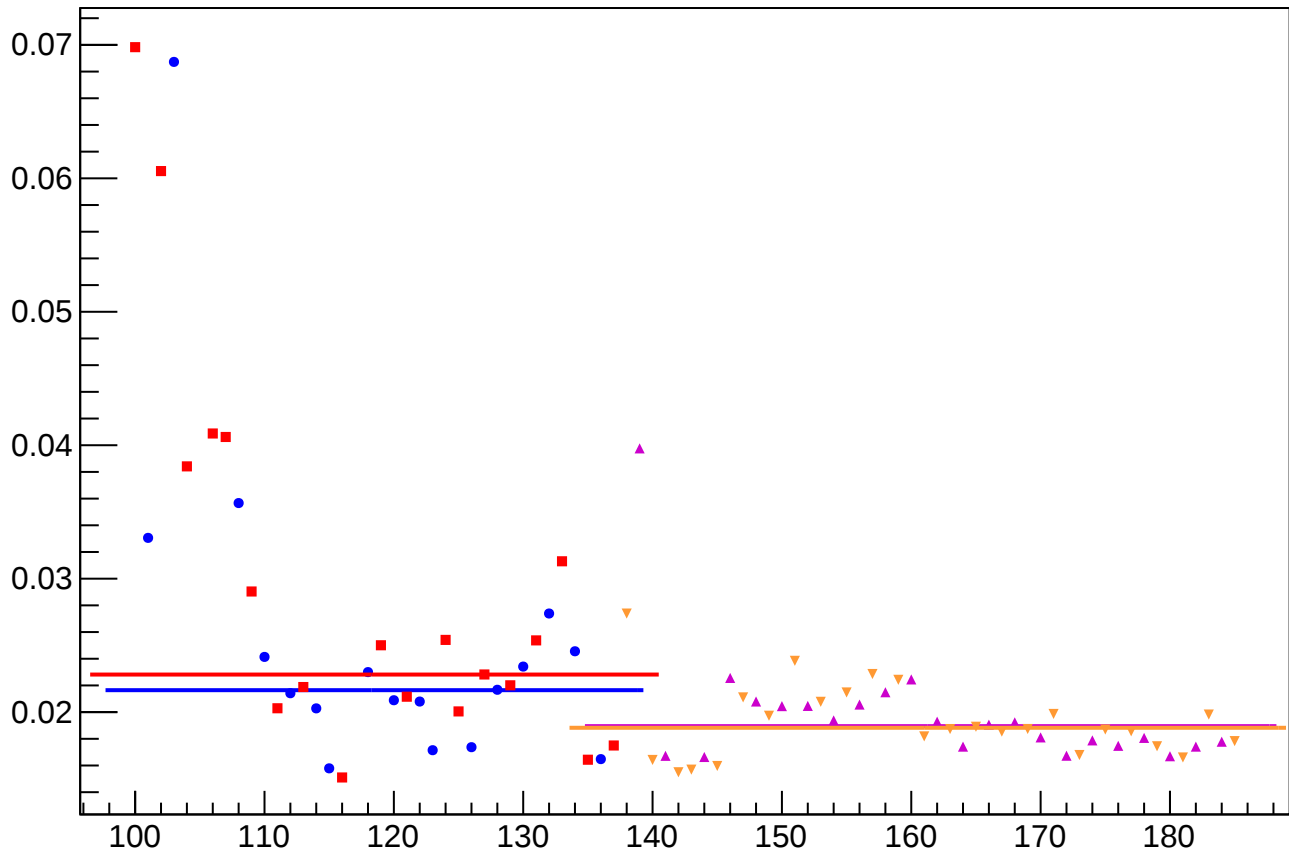
Left In: -0.849+/-0.000 χ^2/NDF : 256438306.8/22

+ sign -0.884+/-0.000 χ^2/NDF : 791632174.7/41

All: -0.886+/-0.000 χ^2/NDF : 1873359380.0/8

- sign -0.888+/-0.000 χ^2/NDF : 1081179894.6/41

yield_bpm4acX_rms vs Slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 983373.6/16

Left Out: 0.019 $\pm$ 0.000 χ^2 /NDF: 489858.3/24

Right Out: 0.023 $\pm$ 0.000 χ^2 /NDF: 1150694.3/18

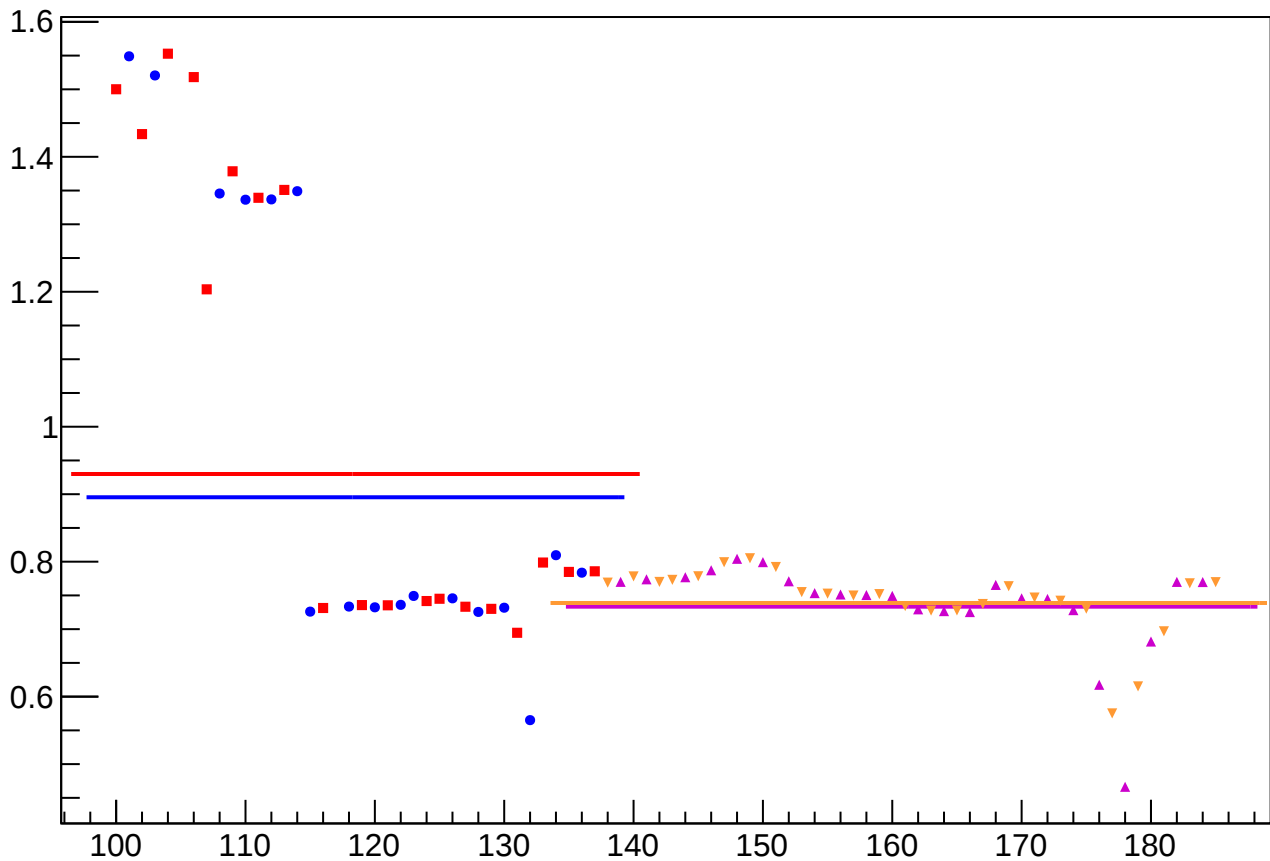
Left In: 0.019 $\pm$ 0.000 χ^2 /NDF: 645048.1/22

+ sign 0.019 $\pm$ 0.000 χ^2 /NDF: 1608890.6/41

All: 0.020 $\pm$ 0.000 χ^2 /NDF: 3652068.2/83

- sign 0.020 $\pm$ 0.000 χ^2 /NDF: 2037051.6/41

yield_bpm4acY_mean vs Slug



Right In: 0.895+/-0.000 χ^2/NDF : 2392918091.7/16

Left Out: 0.739+/-0.000 χ^2/NDF : 332994259.2/24

Right Out: 0.930+/-0.000 χ^2/NDF : 2420081209.6/18

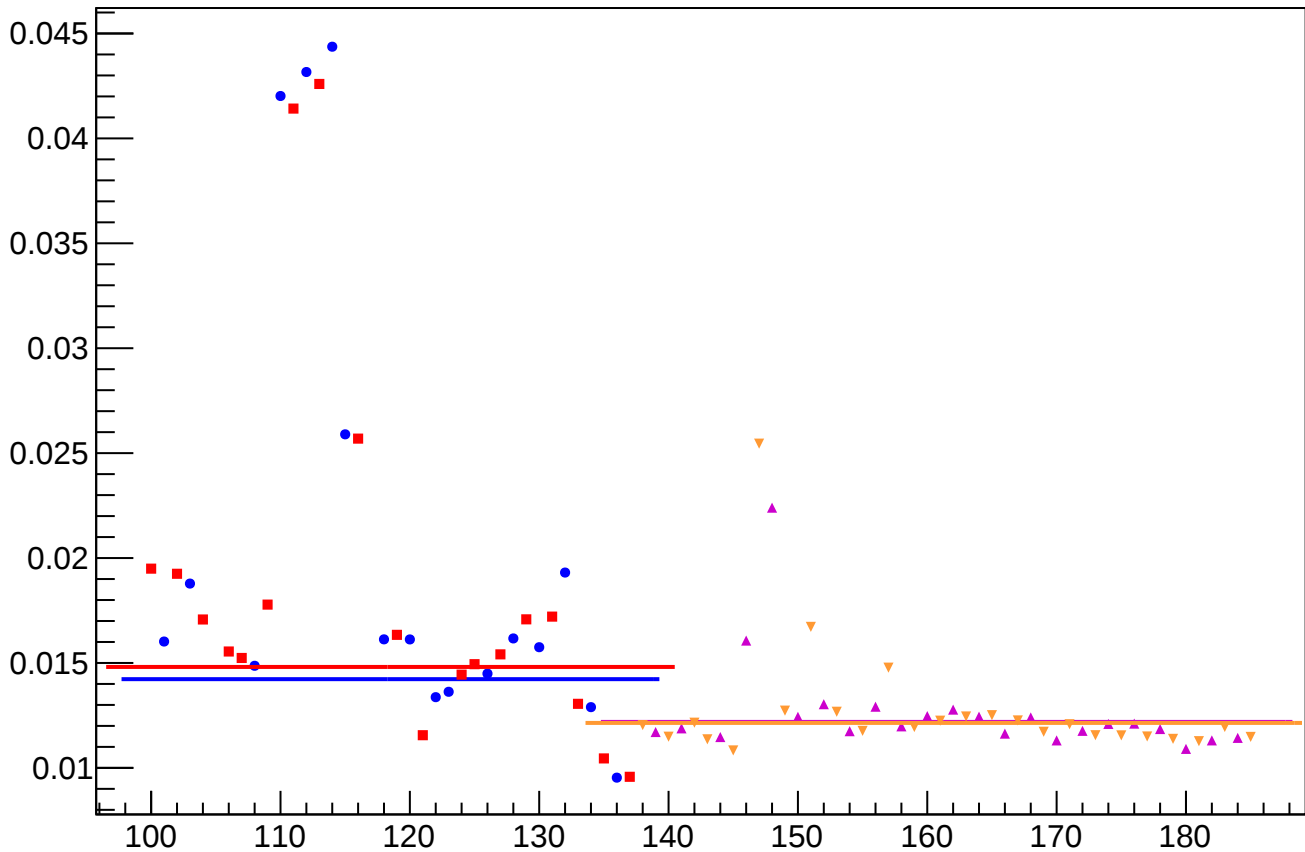
Left In: 0.733+/-0.000 χ^2/NDF : 570264411.7/22

+ sign 0.768+/-0.000 χ^2/NDF : 3274875382.9/41

All: 0.770+/-0.000 χ^2/NDF : 7113027972.6/83

- sign 0.771+/-0.000 χ^2/NDF : 3837352951.4/41

yield_bpm4acY_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1403945.8/16

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 638053.6/24

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1267250.0/18

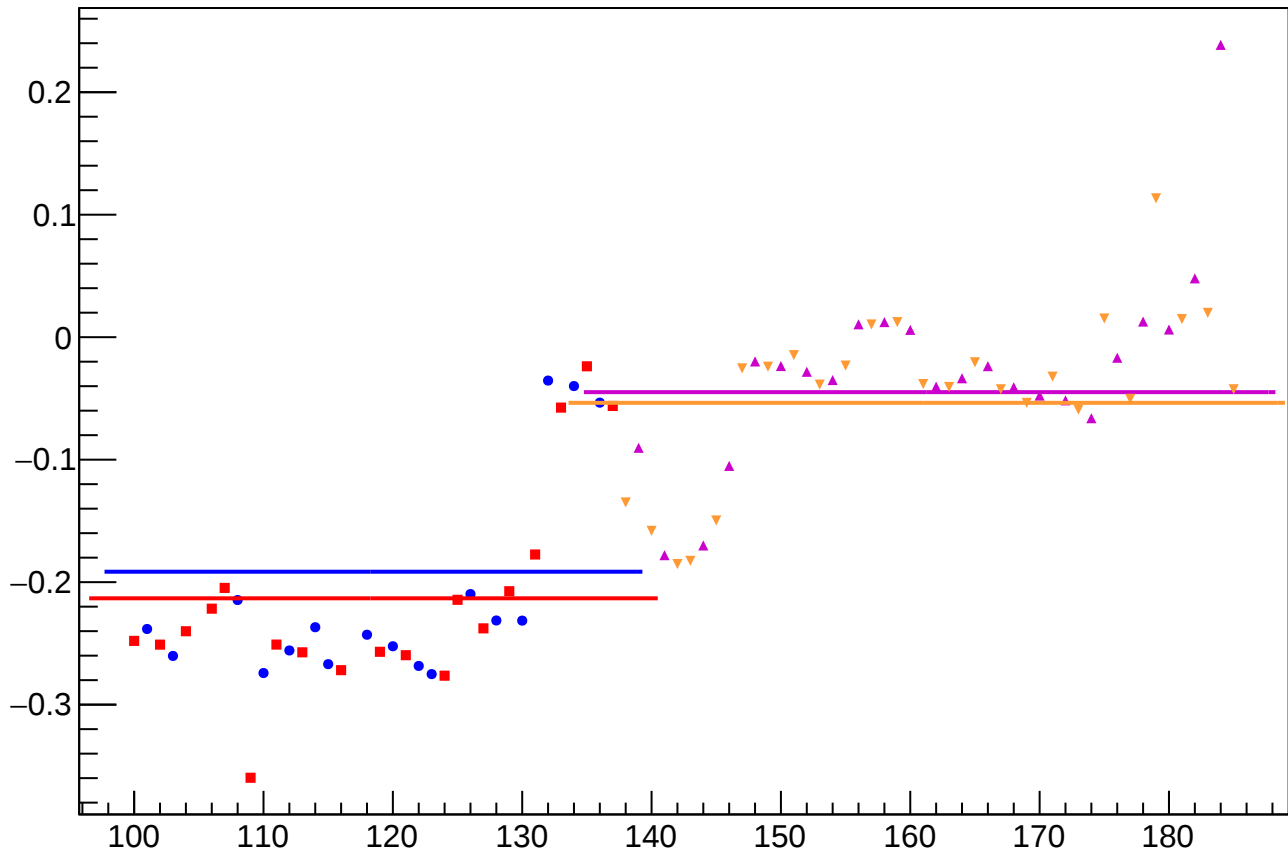
Left In: 0.012 $\pm$ 0.000 χ^2 /NDF: 481639.6/22

+ sign 0.013 $\pm$ 0.000 χ^2 /NDF: 2236512.7/41

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 4290177.6/83

- sign 0.013 $\pm$ 0.000 χ^2 /NDF: 2049741.5/41

yield_bpm4ecX_mean vs Slug



Right In: -0.191 ± 0.000 χ^2/NDF : 105957051.0/16

Left Out: -0.054 ± 0.000 χ^2/NDF : 167785615.0/24

Right Out: -0.213 ± 0.000 χ^2/NDF : 109604825.2/18

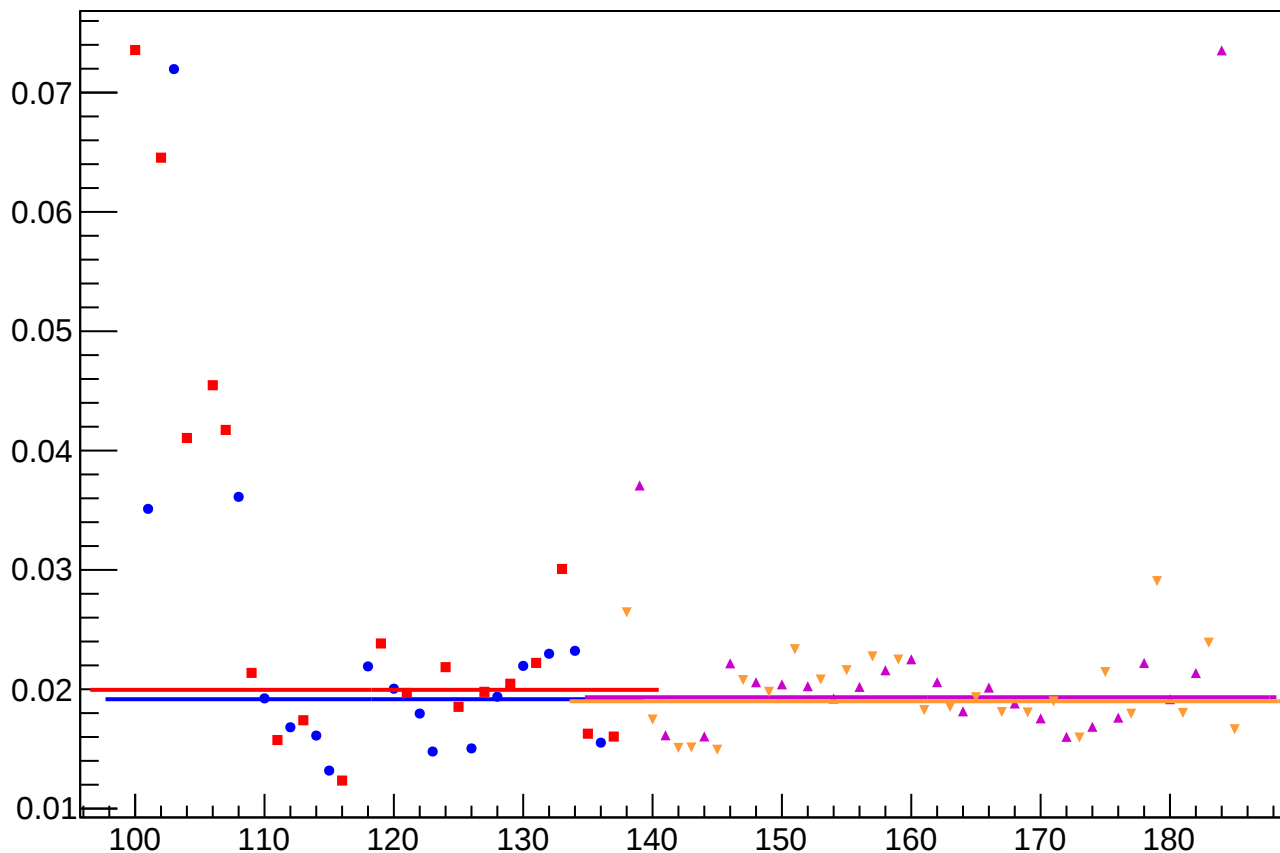
Left In: -0.045 ± 0.000 χ^2/NDF : 127324000.1/22

+ sign -0.088 ± 0.000 χ^2/NDF : 465856323.1/41

All: -0.088 ± 0.000 χ^2/NDF : 975331411.5/83

- sign -0.088 ± 0.000 χ^2/NDF : 509472407.9/41

yield_bpm4ecX_rms vs Slug



Right In: 0.019 ± 0.000 $\chi^2/\text{NDF}: 1183198.6/16$

Left Out: 0.019 ± 0.000 $\chi^2/\text{NDF}: 698490.3/24$

Right Out: 0.020 ± 0.000 $\chi^2/\text{NDF}: 1442604.7/18$

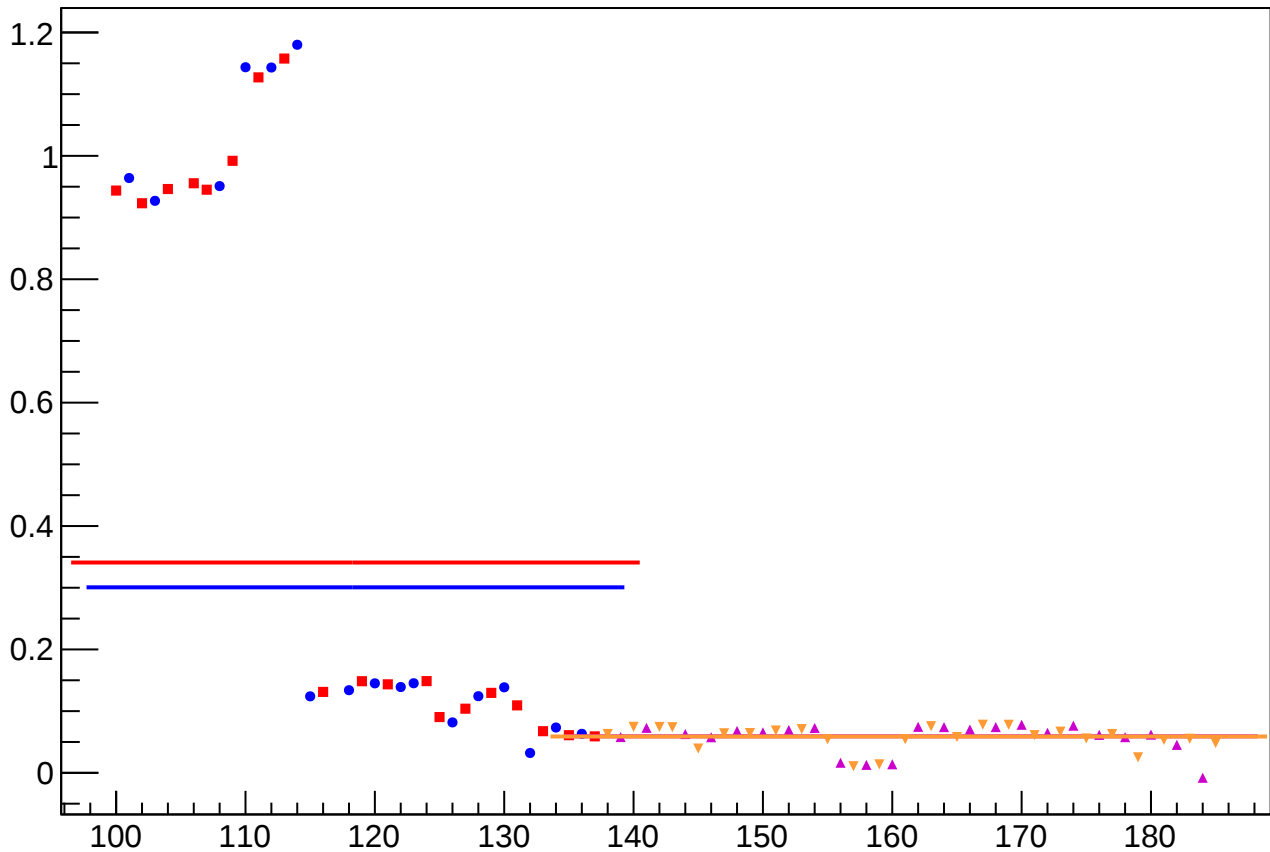
Left In: 0.019 ± 0.000 $\chi^2/\text{NDF}: 892810.7/22$

+ sign 0.019 ± 0.000 $\chi^2/\text{NDF}: 1882265.7/41$

All: 0.019 ± 0.000 $\chi^2/\text{NDF}: 4235788.9/83$

- sign 0.019 ± 0.000 $\chi^2/\text{NDF}: 2342837.3/41$

yield_bpm4ecY_mean vs Slug



Right In: 0.301 $\pm$ 0.000 χ^2/NDF : 5169454550.2/16

Left Out: 0.059 $\pm$ 0.000 χ^2/NDF : 46900535.0/24

Right Out: 0.341 $\pm$ 0.000 χ^2/NDF : 5465725389.6/18

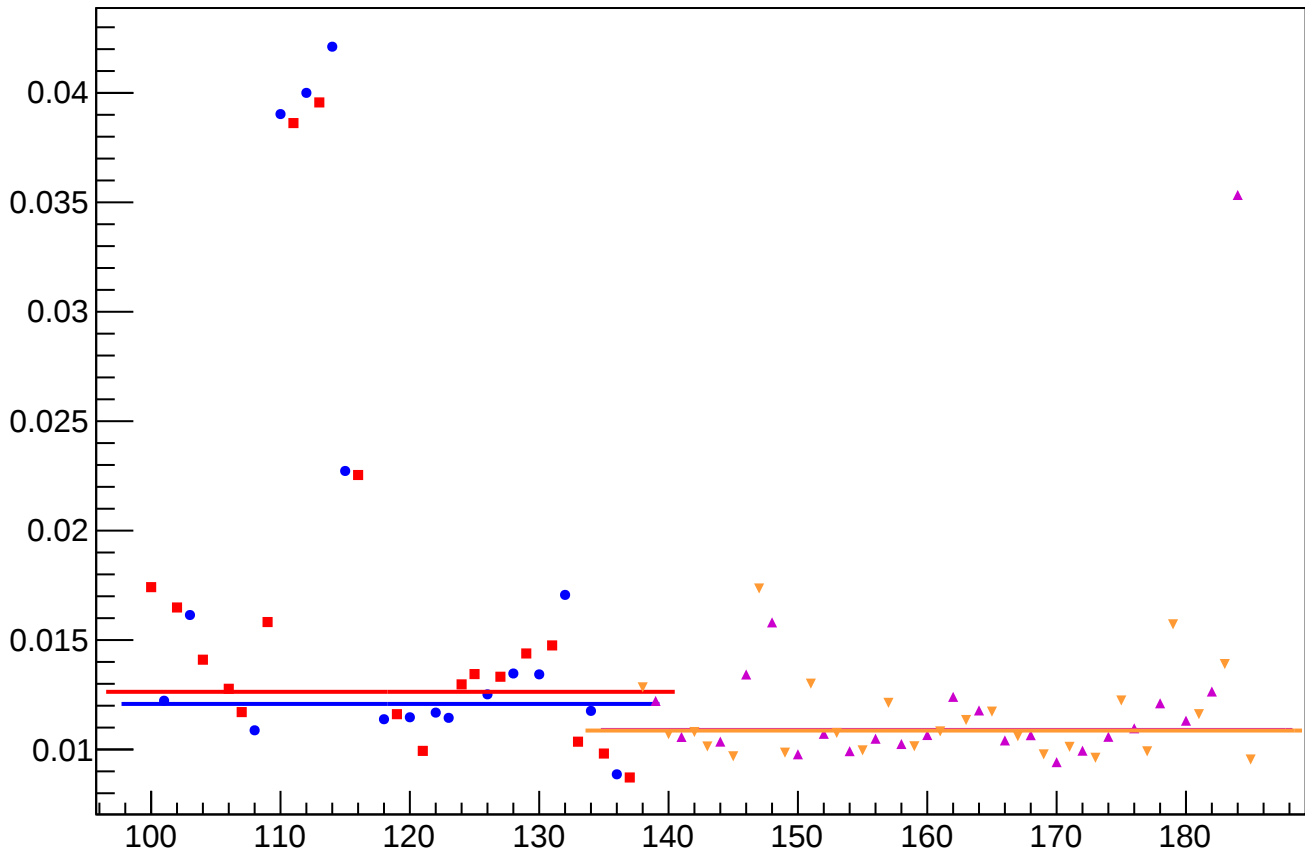
Left In: 0.059 $\pm$ 0.000 χ^2/NDF : 58640898.5/22

+ sign 0.110 $\pm$ 0.000 χ^2/NDF : 6985620702.9/41

All: 0.114 $\pm$ 0.000 χ^2/NDF : 14816428419.0/8

- sign 0.119 $\pm$ 0.000 χ^2/NDF : 7823388613.1/41

yield_bpm4ecY_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2/NDF : 1275060.9/16

Left Out: 0.011 $\pm$ 0.000 χ^2/NDF : 606065.2/24

Right Out: 0.013 $\pm$ 0.000 χ^2/NDF : 1234267.8/18

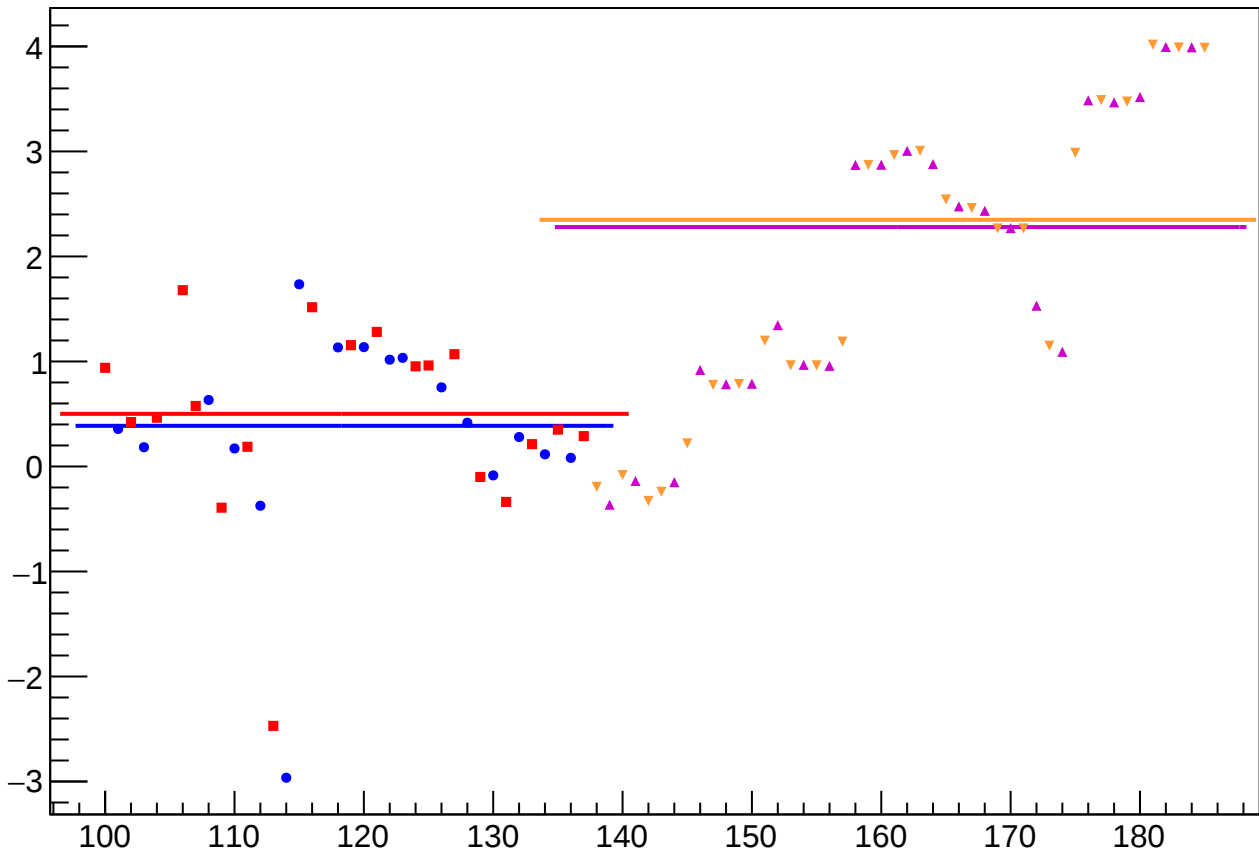
Left In: 0.011 $\pm$ 0.000 χ^2/NDF : 529867.3/22

+ sign 0.011 $\pm$ 0.000 χ^2/NDF : 1970660.4/41

All: 0.011 $\pm$ 0.000 χ^2/NDF : 3914136.4/83

- sign 0.011 $\pm$ 0.000 χ^2/NDF : 1939949.7/41

yield_bpm1X_mean vs Slug



Right In: 0.387 ± 0.000 χ^2/NDF : 243730591.1/16

Left Out: 2.349 ± 0.000 χ^2/NDF : 63587679938.1/24

Right Out: 0.501 ± 0.000 χ^2/NDF : 983060826.6/18

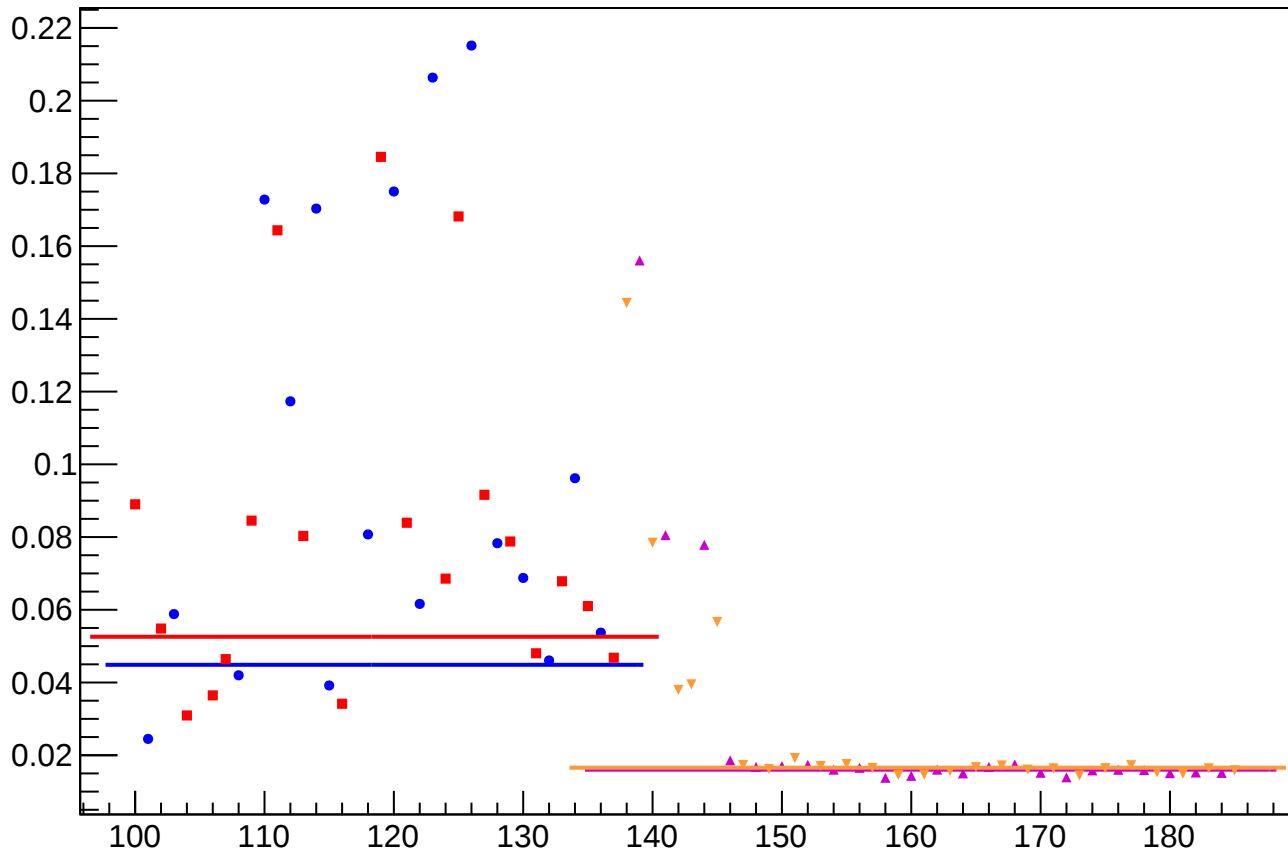
Left In: 2.280 ± 0.000 χ^2/NDF : 61444254541.3/22

+ sign 2.284 ± 0.000 χ^2/NDF : 70332231653.5/41

All: 2.257 ± 0.000 χ^2/NDF : 137408306659.0

- sign 2.231 ± 0.000 χ^2/NDF : 66999326326.2/41

yield_bpm1X_rms vs Slug



Right In: 0.045+/-0.000 χ^2/NDF : 2772873.5/16

Left Out: 0.017+/-0.000 χ^2/NDF : 2623659.5/24

Right Out: 0.053+/-0.000 χ^2/NDF : 2178932.6/18

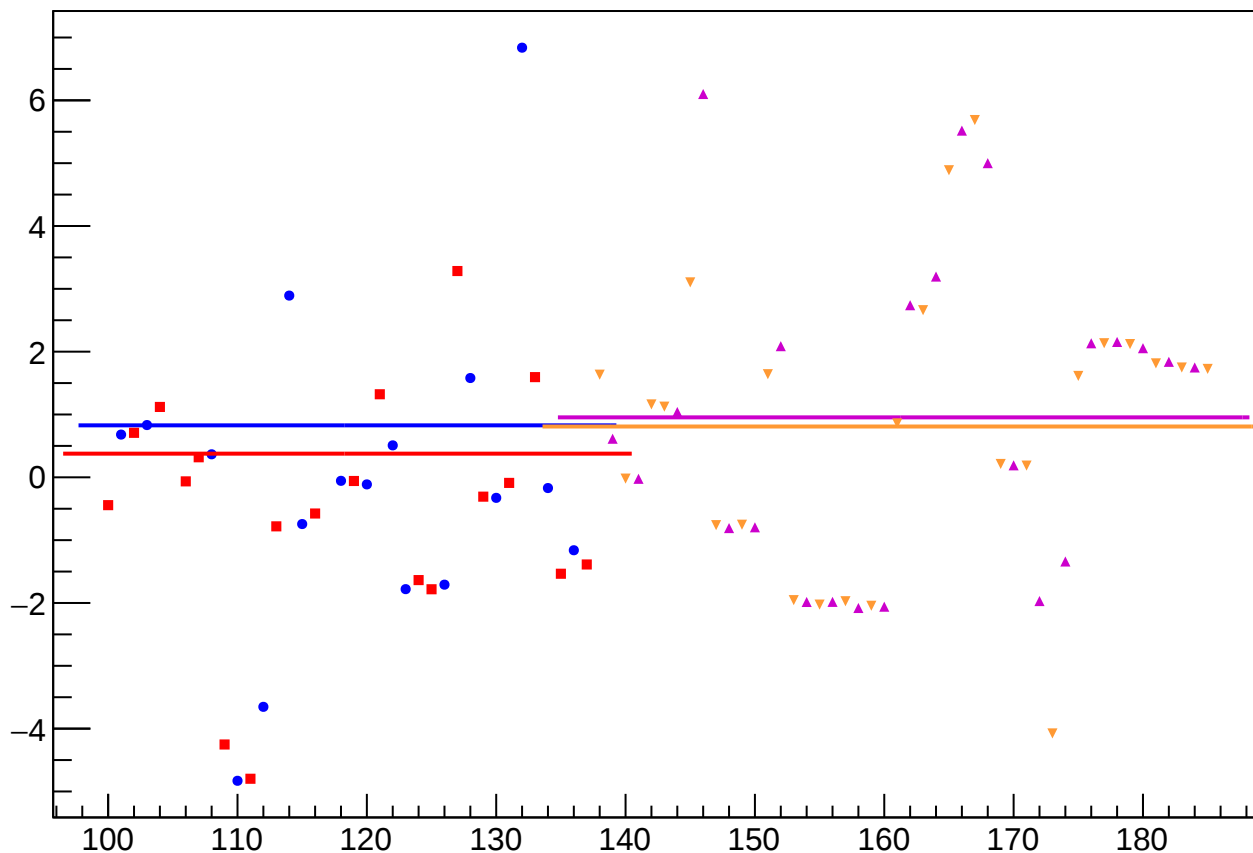
Left In: 0.016+/-0.000 χ^2/NDF : 2463853.3/22

+ sign 0.018+/-0.000 χ^2/NDF : 8100029.6/41

All: 0.017+/-0.000 χ^2/NDF : 16615726.2/83

- sign 0.017+/-0.000 χ^2/NDF : 8504086.9/41

yield_bpm1Y_mean vs Slug



Right In: 0.827 ± 0.000 χ^2/NDF : 10943374014.3/16

Left Out: 0.809 ± 0.000 χ^2/NDF : 507453998090.0/24

Right Out: 0.377 ± 0.000 χ^2/NDF : 4942288775.5/18

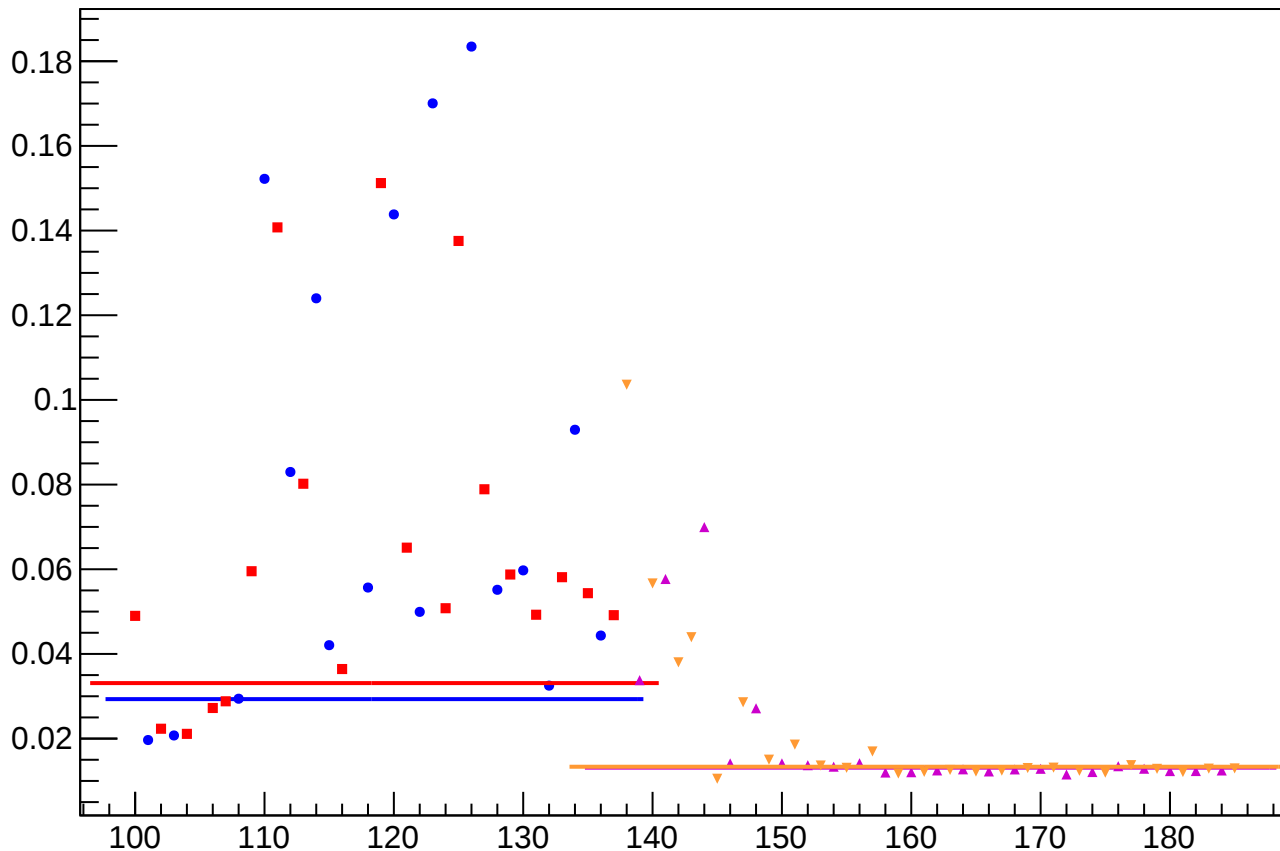
Left In: 0.954 ± 0.000 χ^2/NDF : 574792794608.3/22

+ sign 0.810 ± 0.000 χ^2/NDF : 518398658743.7/41

All: 0.871 ± 0.000 χ^2/NDF : 1099916812956.

- sign 0.932 ± 0.000 χ^2/NDF : 580854321437.3/41

yield_bpm1Y_rms vs Slug



Right In: 0.029 $\pm$ 0.000 χ^2 /NDF: 2967975.9/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:2826430.3/24

Right Out: 0.033 $\pm$ 0.000 χ^2 /NDF: 3080799.9/18

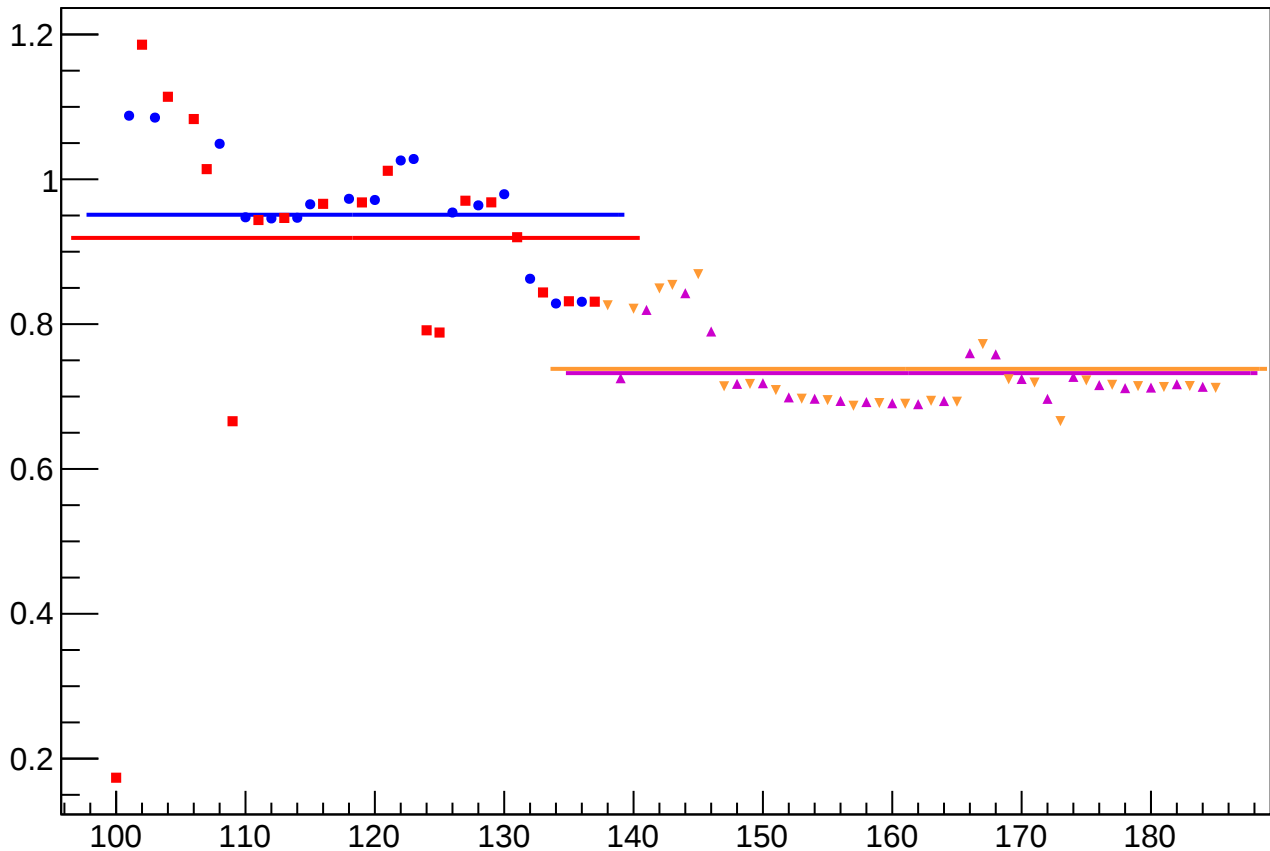
Left In: 0.013 $\pm$ 0.000 χ^2 /NDF:1968206.9/22

+ sign 0.014 $\pm$ 0.000 χ^2 /NDF: 7710925.0/41

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 15439498.3/83

- sign 0.014 $\pm$ 0.000 χ^2 /NDF: 7726742.3/41

yield_bpm11X_mean vs Slug



Right In: 0.951 $\pm$ 0.000 χ^2 /NDF: 174262904.5/16

Left Out: 0.738 $\pm$ 0.000 χ^2 /NDF: 310602574.3/24

Right Out: 0.919 $\pm$ 0.000 χ^2 /NDF: 374649317.1/18

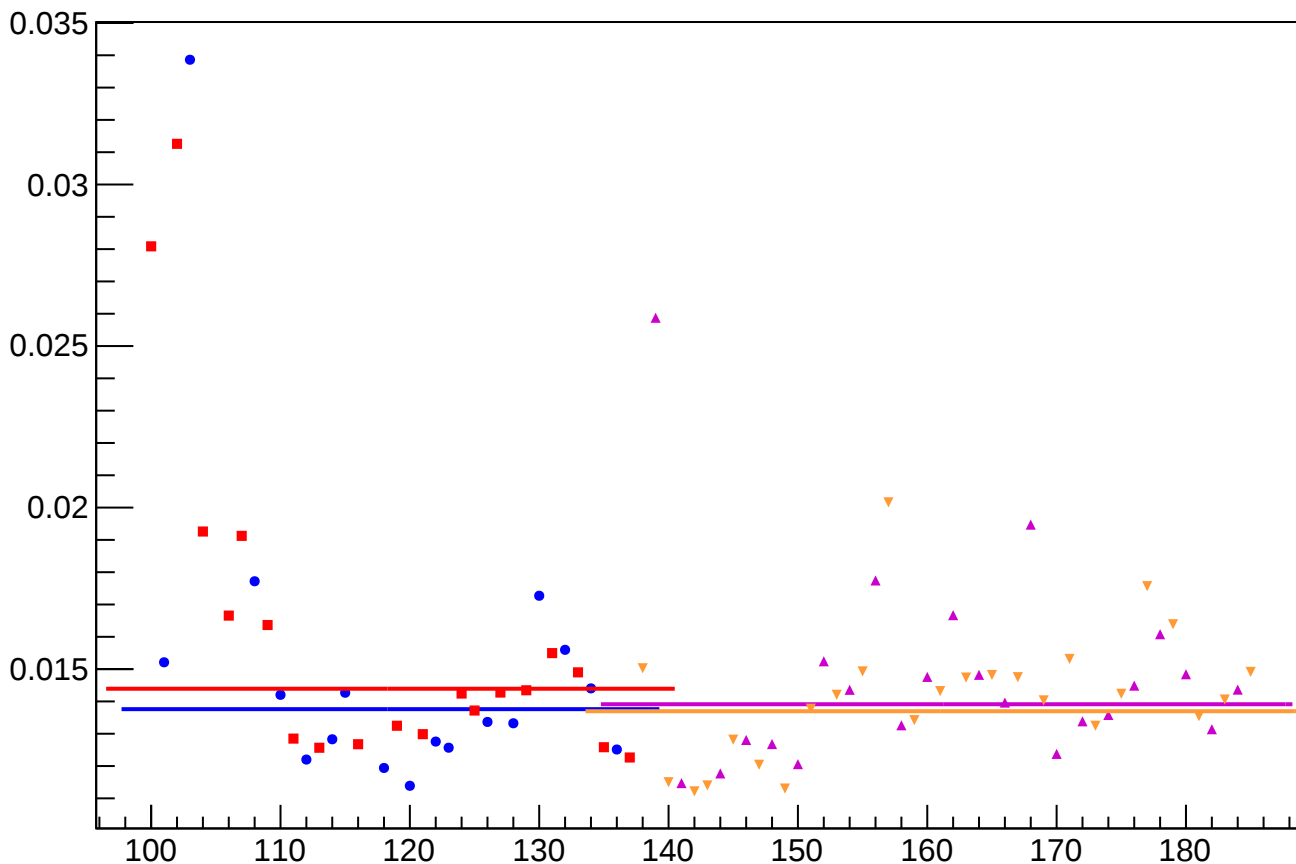
Left In: 0.732 $\pm$ 0.000 χ^2 /NDF: 170806298.1/22

+ sign 0.793 $\pm$ 0.000 χ^2 /NDF: 1500739466.0/41

All: 0.788 $\pm$ 0.000 χ^2 /NDF: 2800698899.4/83

- sign 0.782 $\pm$ 0.000 χ^2 /NDF: 1292712189.2/41

yield_bpm11X_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 538388.7/16

Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF:530747.6/24

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 504068.1/18

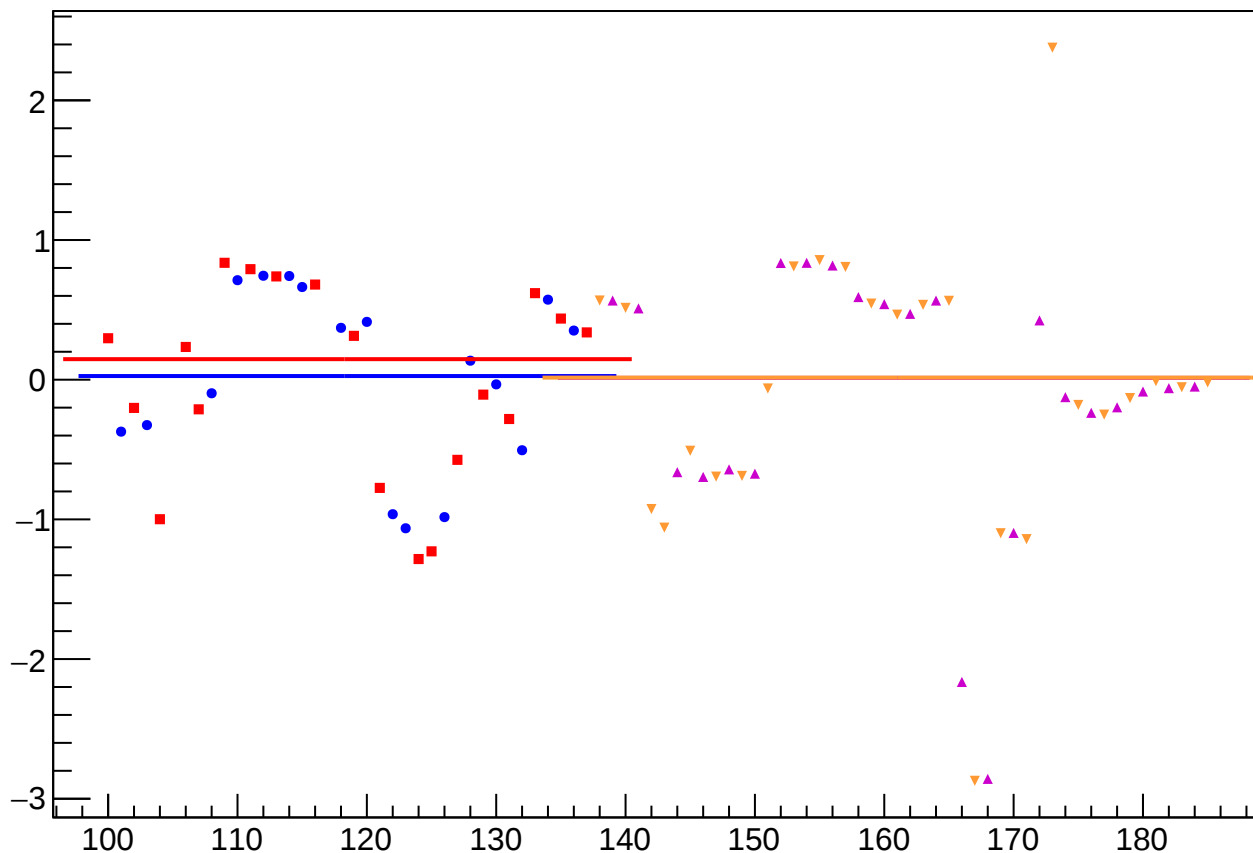
Left In: 0.014 $\pm$ 0.000 χ^2 /NDF:794558.0/22

+ sign 0.014 $\pm$ 0.000 χ^2 /NDF: 1069317.8/41

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 2389937.0/83

- sign 0.014 $\pm$ 0.000 χ^2 /NDF: 1308513.3/41

yield_bpm11Y_mean vs Slug



Right In: 0.026+/-0.000 χ^2/NDF : 6307097032.6/16

Left Out: 0.015+/-0.000 χ^2/NDF : 96086267972.4/24

Right Out: 0.147+/-0.000 χ^2/NDF : 12778628282.5/18

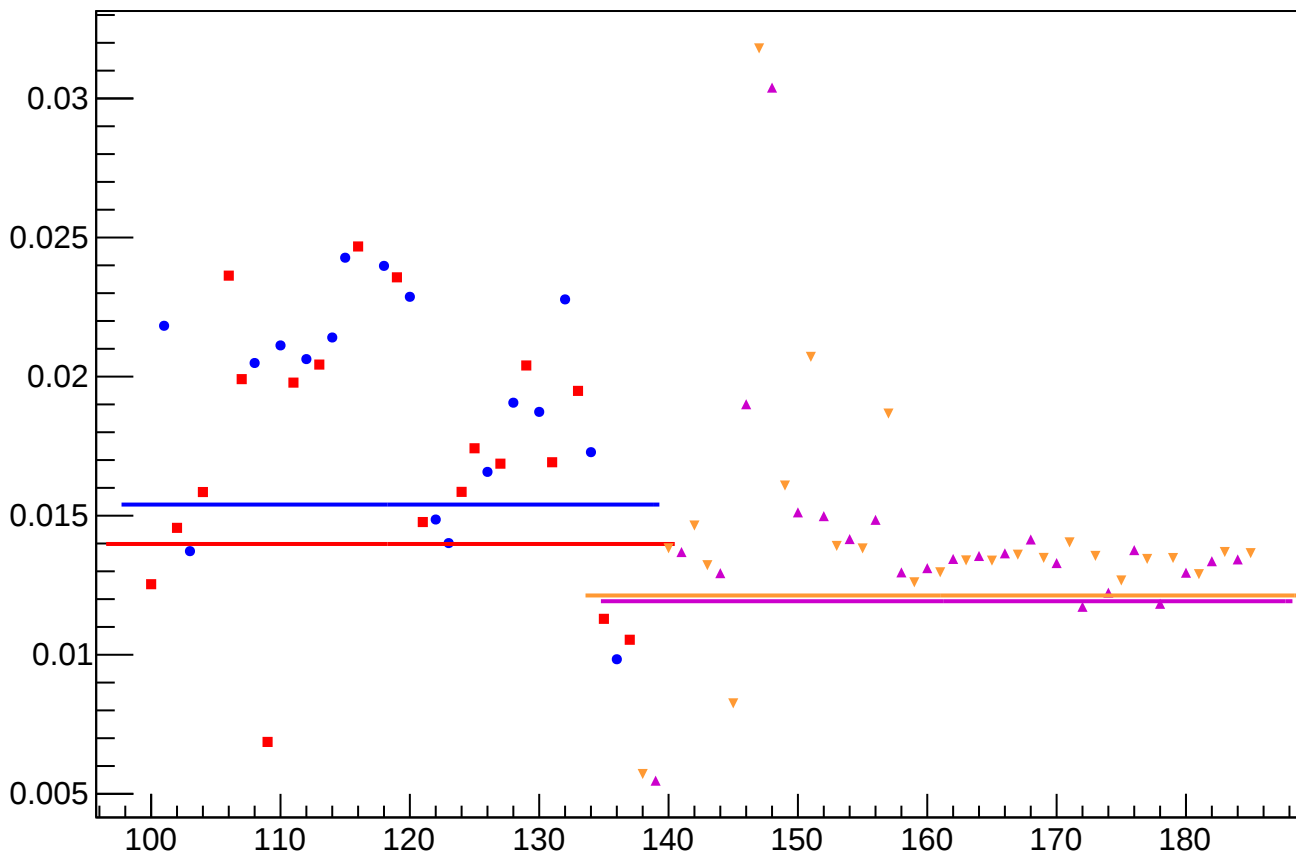
Left In: 0.013+/-0.000 χ^2/NDF : 79445696658.6/22

+ sign 0.017+/-0.000 χ^2/NDF : 102395816230.6/41

All: 0.029+/-0.000 χ^2/NDF : 195064426913.0

- sign 0.041+/-0.000 χ^2/NDF : 92628618644.6/41

yield_bpm11Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1140025.0/16

Left Out: 0.012+/-0.000 χ^2/NDF : 3118538.8/24

Right Out: 0.014+/-0.000 χ^2/NDF : 1557209.7/18

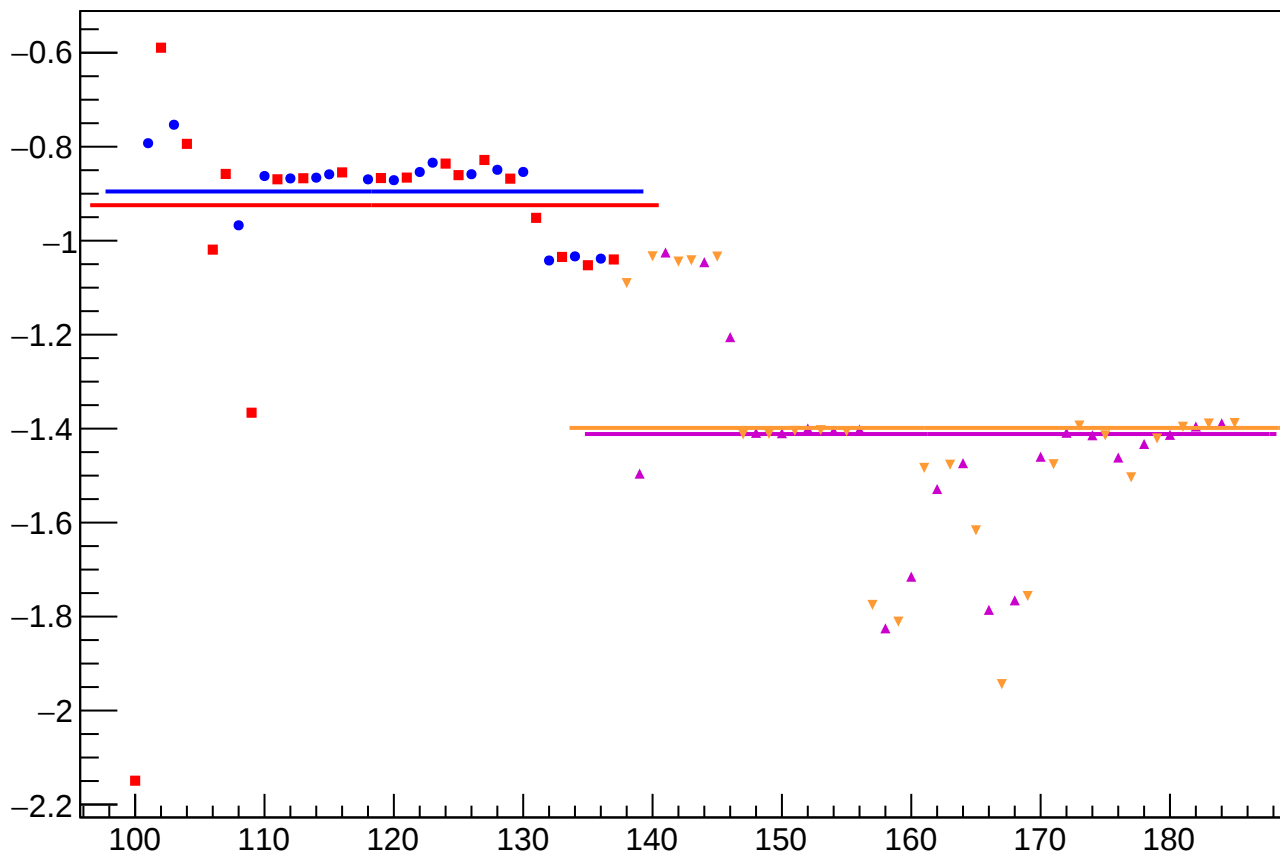
Left In: 0.012+/-0.000 χ^2/NDF : 3105948.8/22

+ sign 0.013+/-0.000 χ^2/NDF : 4671982.1/41

All: 0.013+/-0.000 χ^2/NDF : 9542250.3/83

- sign 0.012+/-0.000 χ^2/NDF : 4853775.6/41

yield_bpm12X_mean vs Slug



Right In: -0.895+/-0.000 χ^2/NDF : 37924701.6/16

Left Out: -1.398+/-0.000 χ^2/NDF : 734579591.2/24

Right Out: -0.925+/-0.000 χ^2/NDF : 128433305.9/18

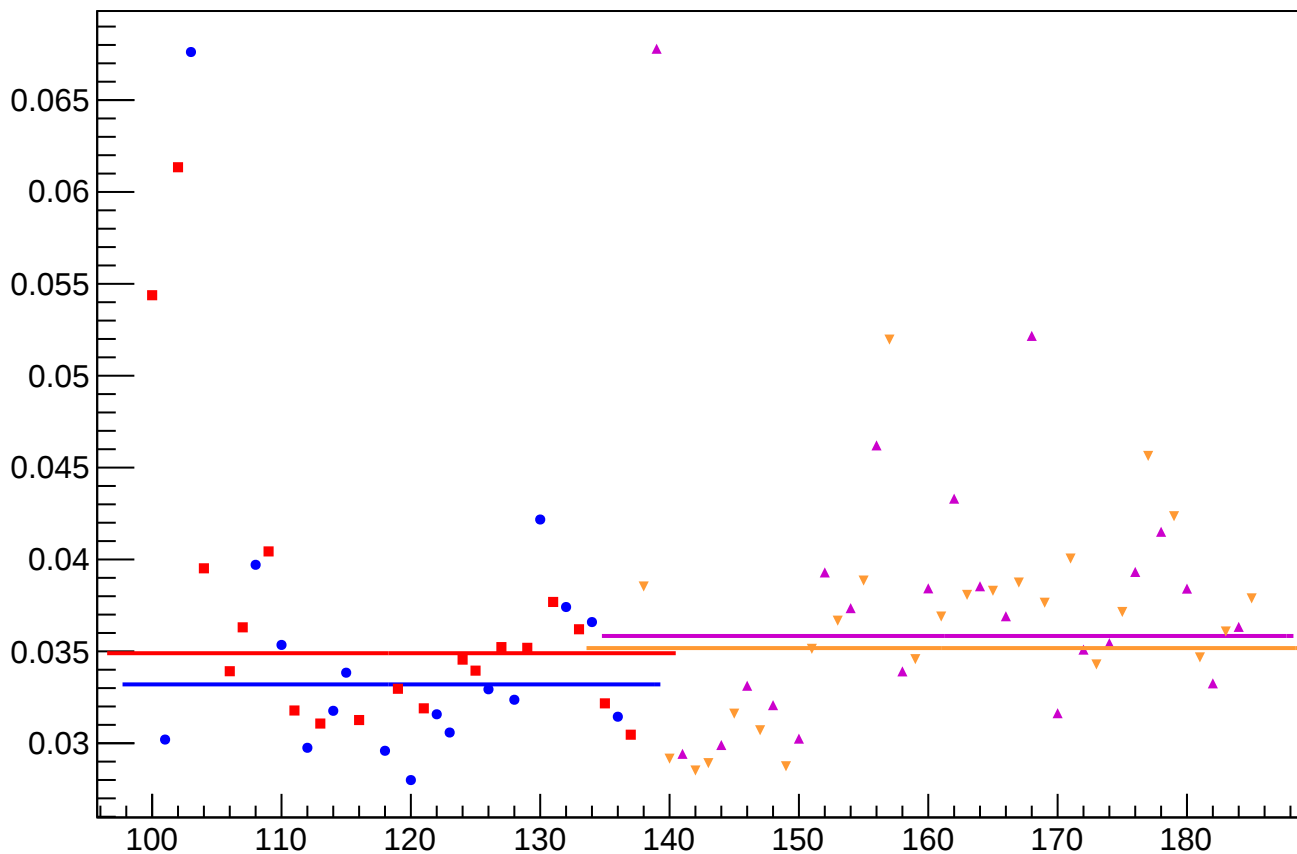
Left In: -1.412+/-0.000 χ^2/NDF : 512629872.4/22

+ sign -1.253+/-0.000 χ^2/NDF : 1719747961.6/41

All: -1.260+/-0.000 χ^2/NDF : 3202812613.2/8

- sign -1.267+/-0.000 χ^2/NDF : 1481345611.3/41

yield_bpm12X_rms vs Slug



Right In: 0.033 $\pm$ 0.000 χ^2 /NDF: 399489.1/16

Left Out: 0.035 $\pm$ 0.000 χ^2 /NDF: 597778.9/24

Right Out: 0.035 $\pm$ 0.000 χ^2 /NDF: 275503.7/18

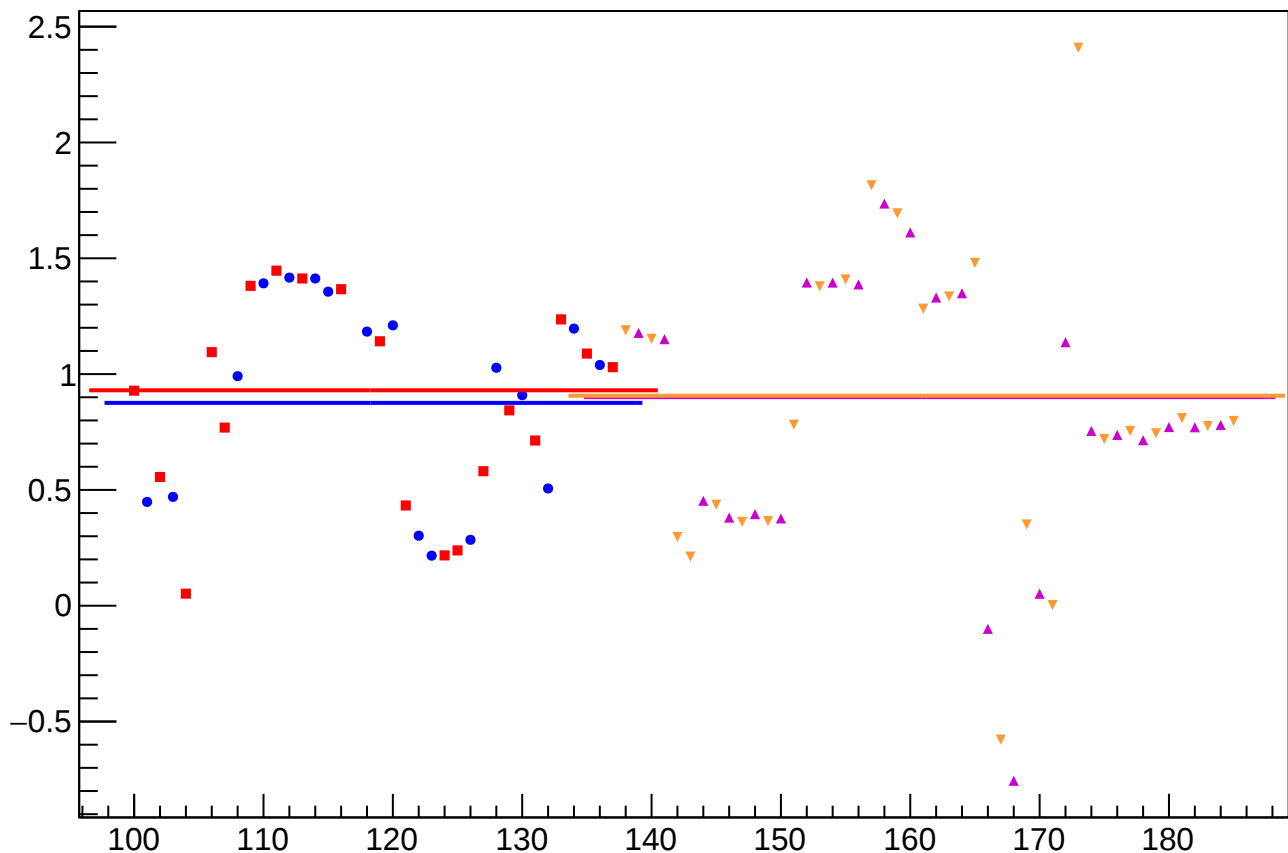
Left In: 0.036 $\pm$ 0.000 χ^2 /NDF: 890993.5/22

+ sign 0.035 $\pm$ 0.000 χ^2 /NDF: 1026490.1/41

All: 0.035 $\pm$ 0.000 χ^2 /NDF: 2215143.5/83

- sign 0.036 $\pm$ 0.000 χ^2 /NDF: 1172732.4/41

yield_bpm12Y_mean vs Slug



Right In: 0.876 $\pm$ 0.000 χ^2 /NDF: 6459481069.8/16

Left Out: 0.907 $\pm$ 0.000 χ^2 /NDF: 84101729210.1/24

Right Out: 0.930 $\pm$ 0.000 χ^2 /NDF: 9956405982.6/18

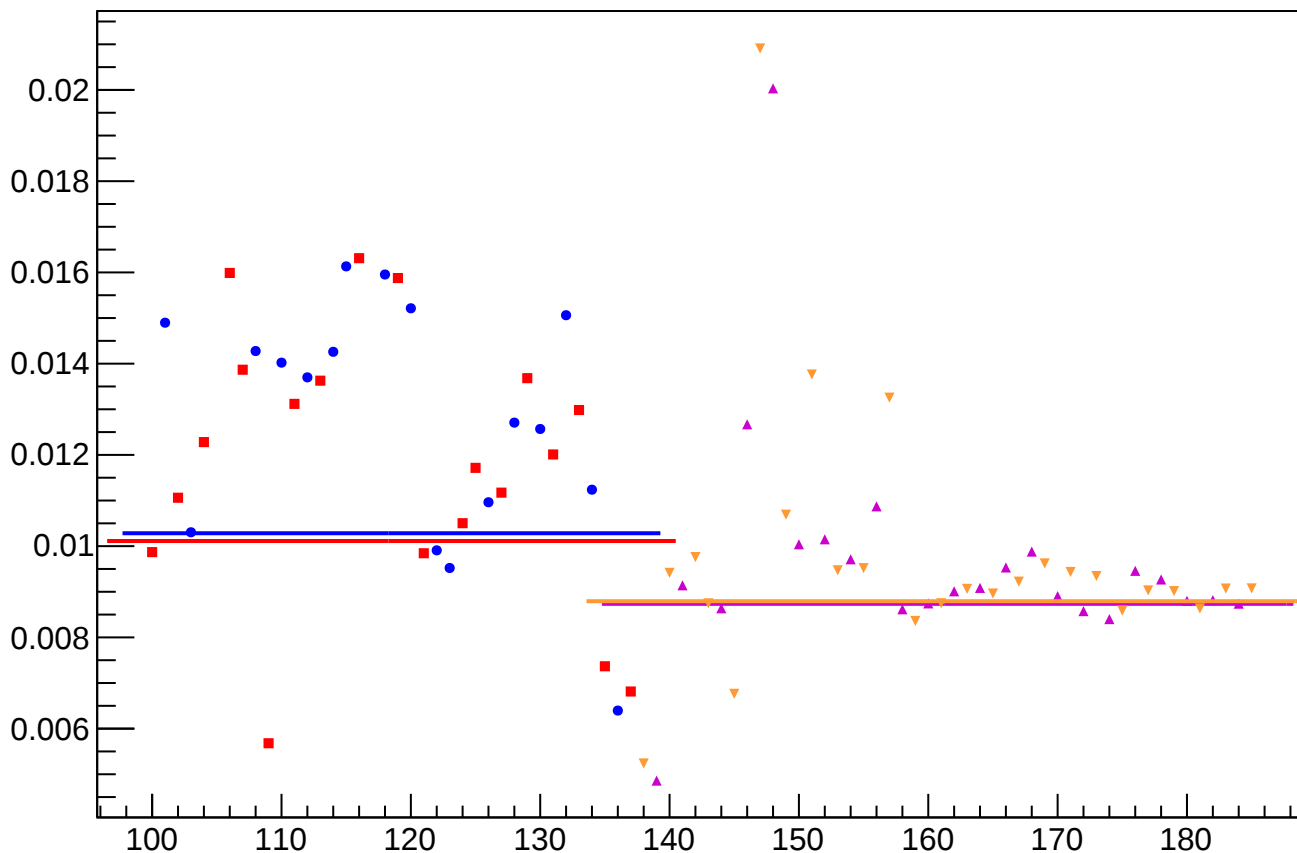
Left In: 0.901 $\pm$ 0.000 χ^2 /NDF: 66932223067.8/22

+ sign 0.901 $\pm$ 0.000 χ^2 /NDF: 90601246272.0/41

All: 0.904 $\pm$ 0.000 χ^2 /NDF: 167534015979.3

- sign 0.907 $\pm$ 0.000 χ^2 /NDF: 76927518058.3/41

yield_bpm12Y_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 1205873.2/16

Left Out: 0.009+/-0.000 χ^2/NDF : 1699742.3/24

Right Out: 0.010+/-0.000 χ^2/NDF : 1173455.7/18

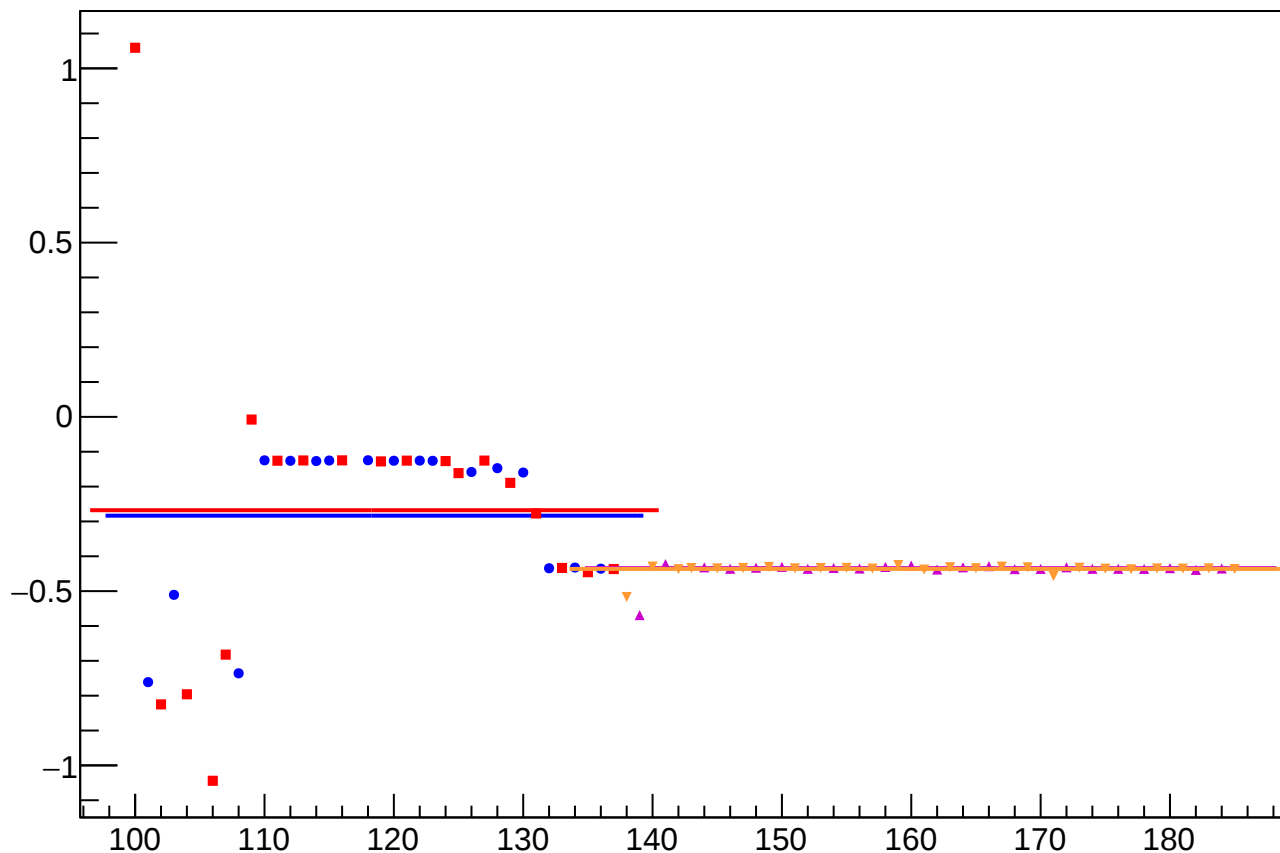
Left In: 0.009+/-0.000 χ^2/NDF : 1669983.7/22

+ sign 0.009+/-0.000 χ^2/NDF : 3093021.9/41

All: 0.009+/-0.000 χ^2/NDF : 6106531.7/83

- sign 0.009+/-0.000 χ^2/NDF : 3012872.2/41

yield_bpm16X_mean vs Slug



Right In: -0.283 ± 0.000 χ^2/NDF : 894148140.5/16

Left Out: -0.436 ± 0.000 χ^2/NDF : 28776648.3/24

Right Out: -0.268 ± 0.000 χ^2/NDF : 965641428.6/18

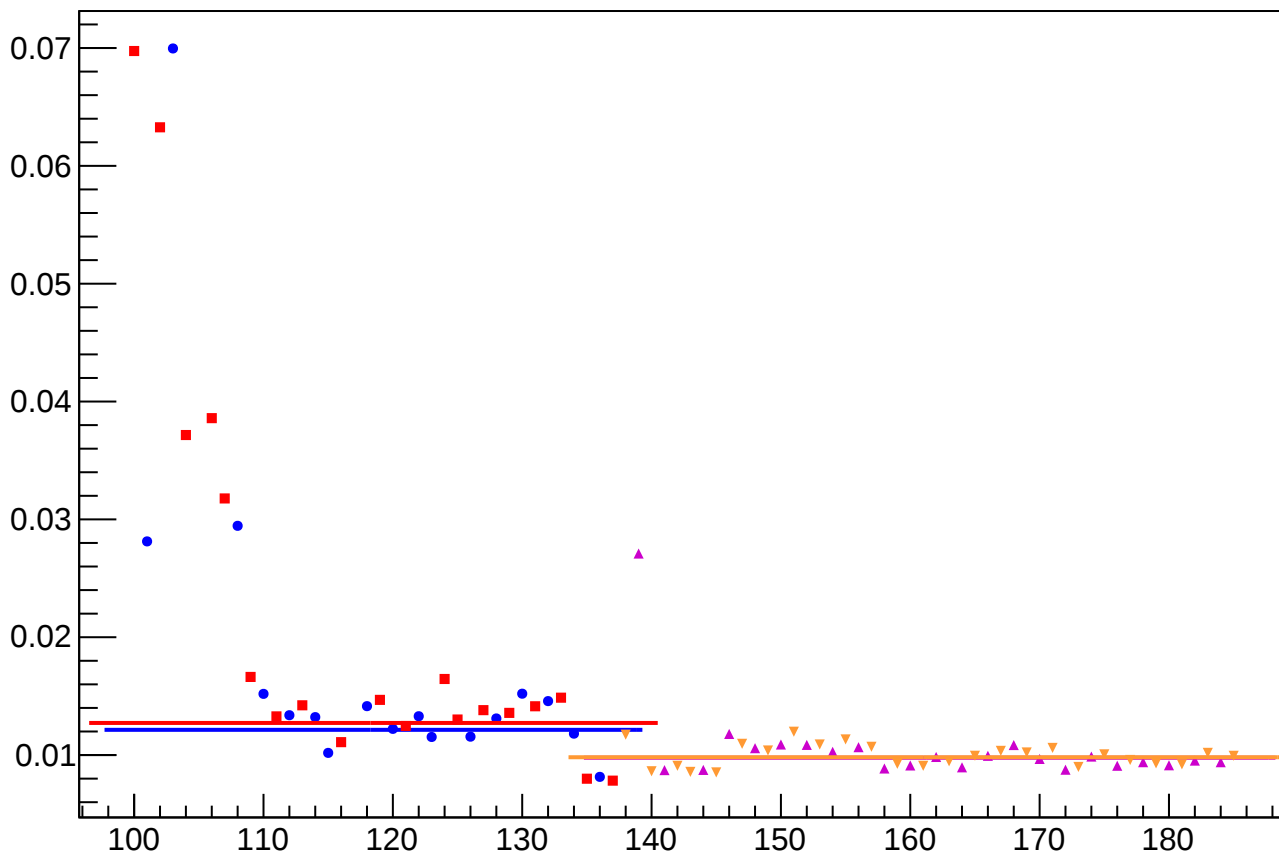
Left In: -0.434 ± 0.000 χ^2/NDF : 20164730.3/22

+ sign -0.411 ± 0.000 χ^2/NDF : 1538641072.5/41

All: -0.409 ± 0.000 χ^2/NDF : 3214591567.3/8

- sign -0.407 ± 0.000 χ^2/NDF : 1674123774.0/41

yield_bpm16X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1720286.9/16

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:270995.7/24

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1968271.3/18

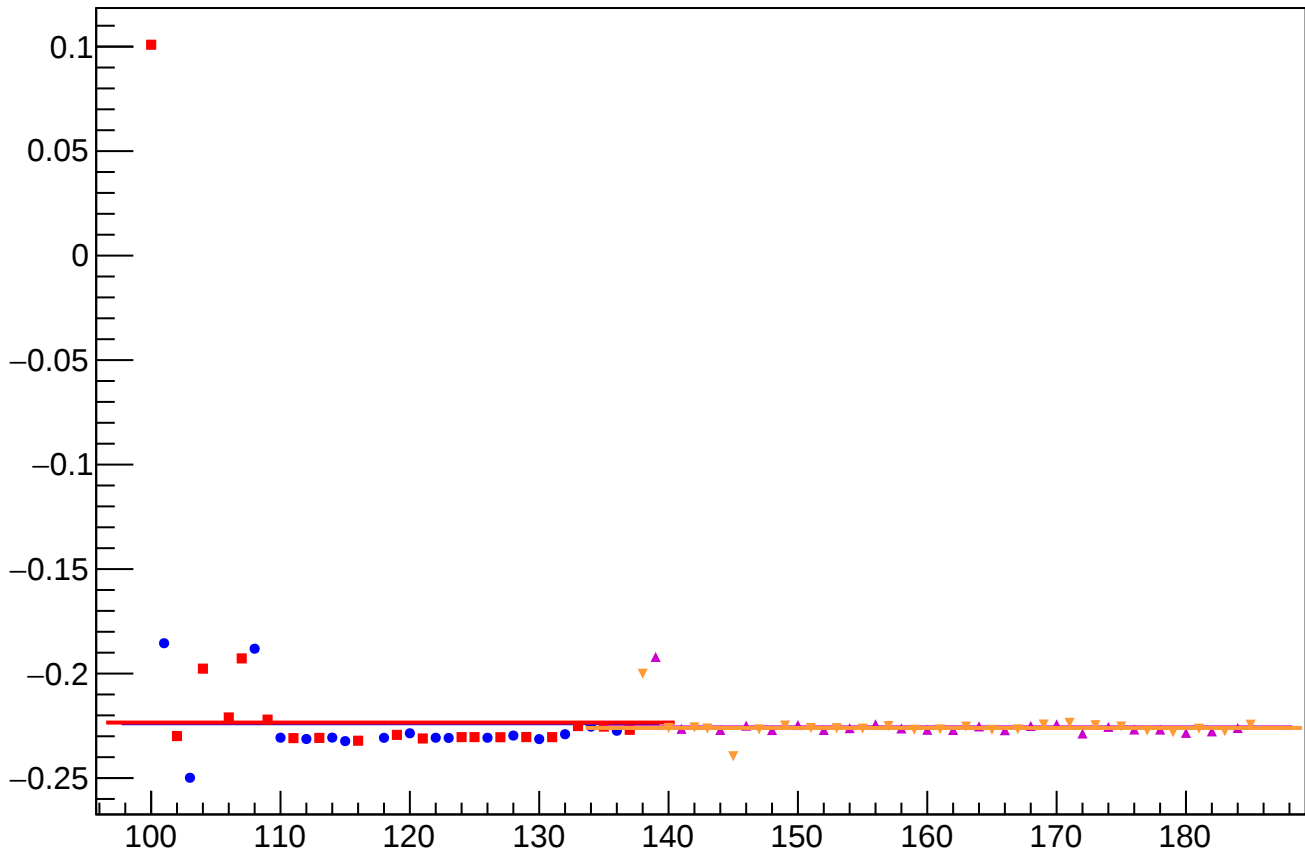
Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:786577.8/22

+ sign 0.010 $\pm$ 0.000 χ^2 /NDF: 2276913.9/41

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 5466895.8/83

- sign 0.010 $\pm$ 0.000 χ^2 /NDF: 3189300.4/41

yield_bpm16Y_mean vs Slug



Right In: -0.224+/-0.000 χ^2/NDF : 74201194.4/16

Left Out: -0.226+/-0.000 χ^2/NDF : 21204546.2/24

+ sign -0.225+/-0.000 χ^2/NDF : 96401629.2/41

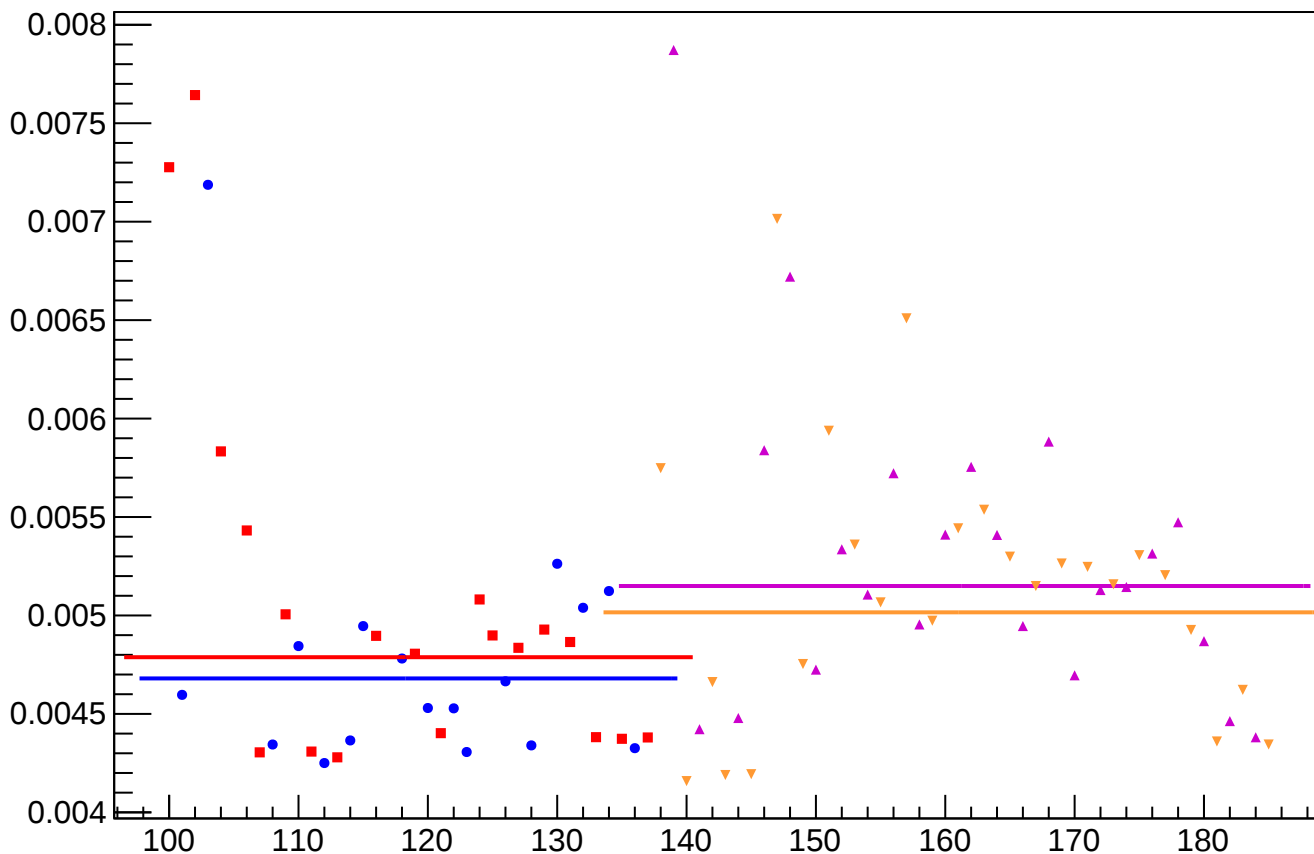
Right Out: -0.223+/-0.000 χ^2/NDF : 167794506.7/18

All: -0.225+/-0.000 χ^2/NDF : 278975976.3/83

Left In: -0.226+/-0.000 χ^2/NDF : 13717302.5/22

- sign -0.225+/-0.000 χ^2/NDF : 182516848.2/41

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 180080.7/16

Left Out: 0.005+/-0.000 χ^2/NDF : 532847.1/24

Right Out: 0.005+/-0.000 χ^2/NDF : 248599.9/18

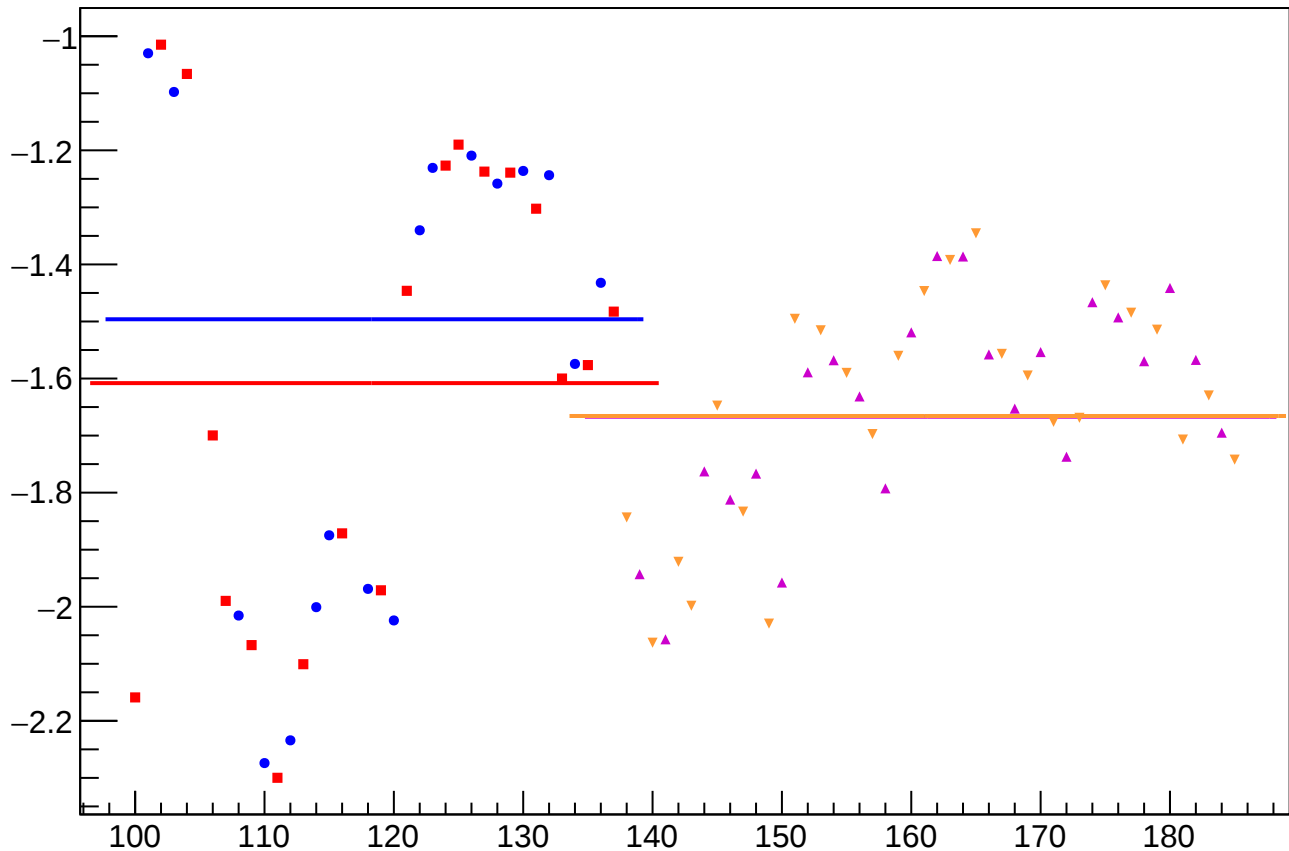
Left In: 0.005+/-0.000 χ^2/NDF : 504040.6/22

+ sign 0.005+/-0.000 χ^2/NDF : 756839.6/41

All: 0.005+/-0.000 χ^2/NDF : 1572284.8/83

- sign 0.005+/-0.000 χ^2/NDF : 802764.4/41

yield_bpm0l01X_mean vs Slug



Right In: -1.496+/-0.000 χ^2/NDF : 22454192322.7/16

Left Out: -1.666+/-0.000 χ^2/NDF : 18367836302.3/24

Right Out: -1.608+/-0.000 χ^2/NDF : 27842216222.3/18

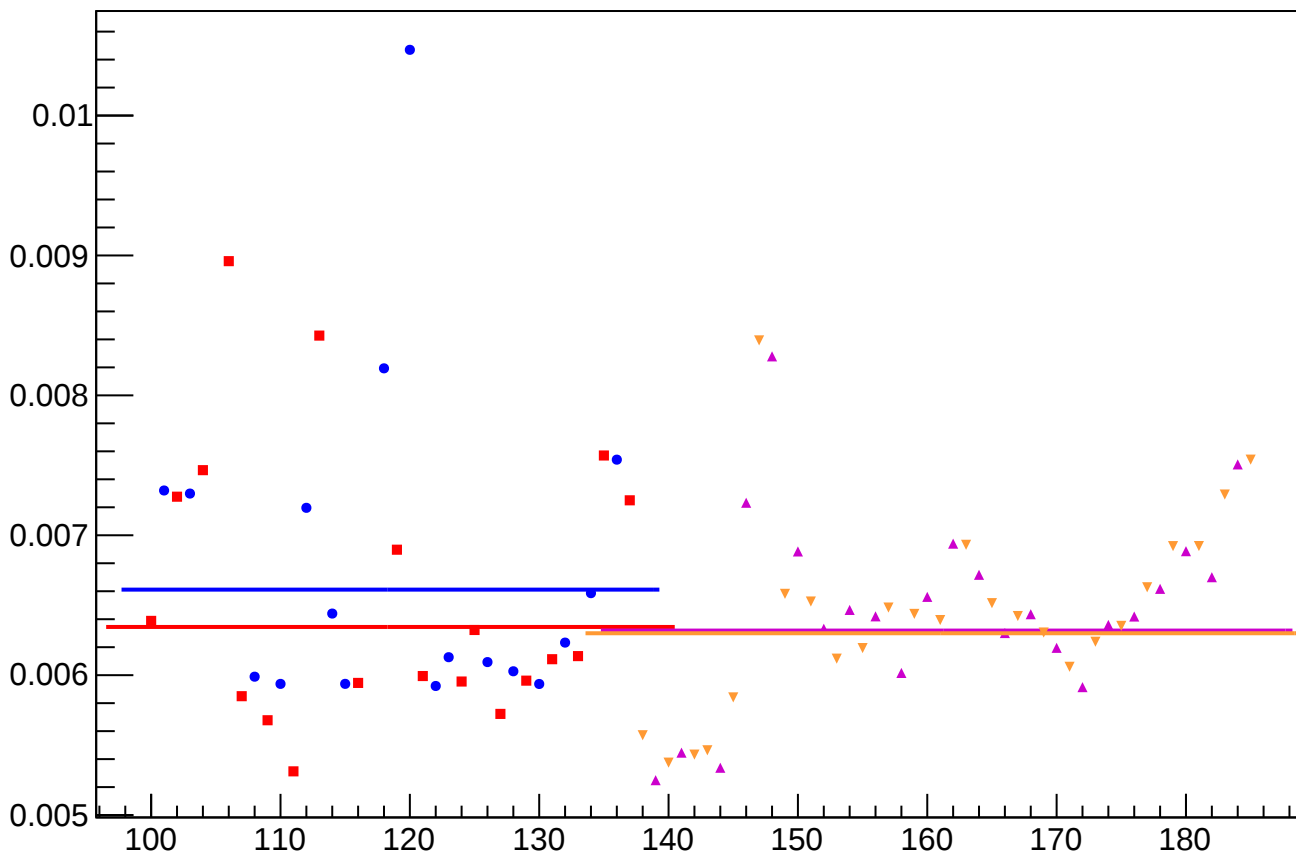
Left In: -1.667+/-0.000 χ^2/NDF : 14615453869.3/22

+ sign -1.625+/-0.000 χ^2/NDF : 43846686113.1/41

All: -1.638+/-0.000 χ^2/NDF : 86890630737.5/41

- sign -1.650+/-0.000 χ^2/NDF : 42863282379.1/41

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 199824.5/16

Left Out: 0.006+/-0.000 χ^2/NDF : 313232.7/24

Right Out: 0.006+/-0.000 χ^2/NDF : 228249.0/18

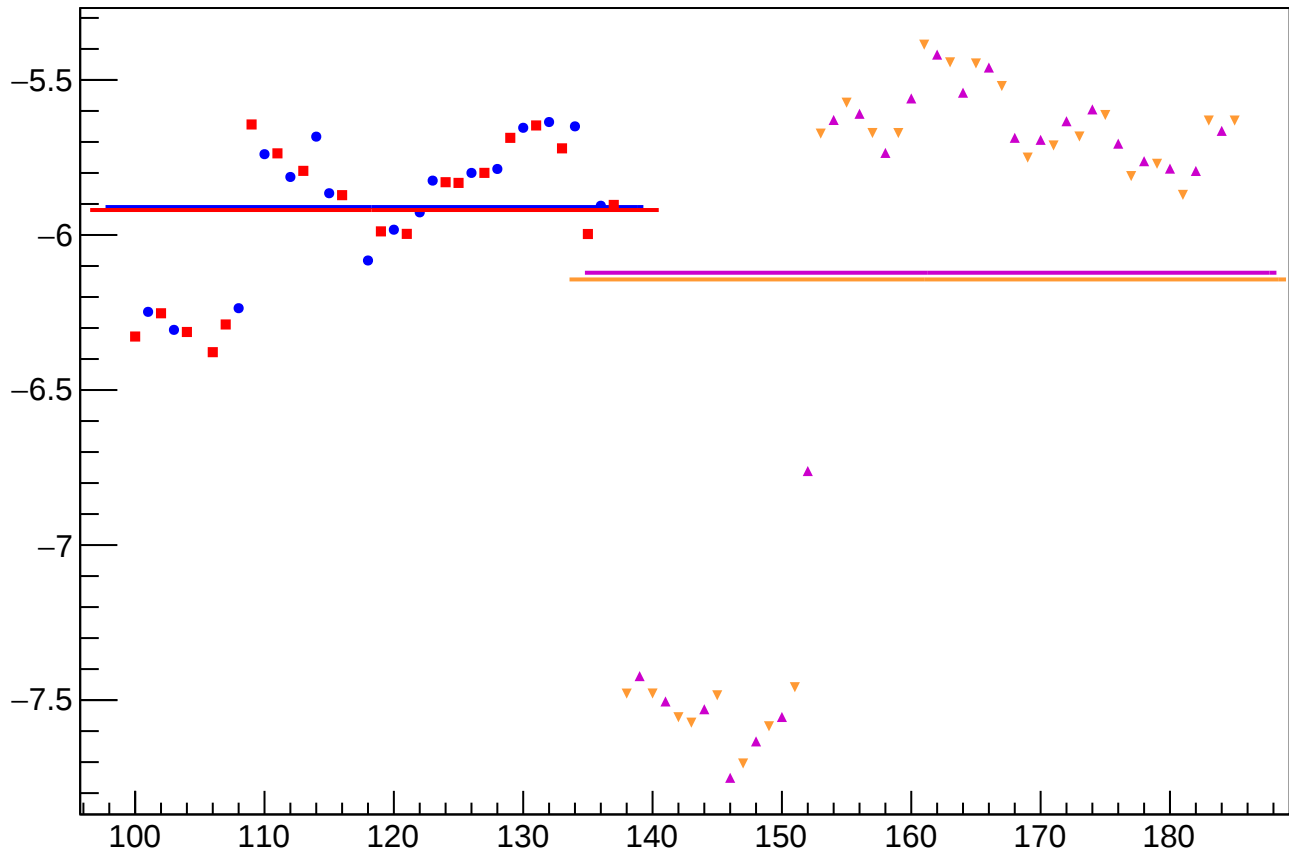
Left In: 0.006+/-0.000 χ^2/NDF : 334332.4/22

+ sign 0.006+/-0.000 χ^2/NDF : 533534.2/41

All: 0.006+/-0.000 χ^2/NDF : 1097595.2/83

- sign 0.006+/-0.000 χ^2/NDF : 562738.0/41

yield_bpm0l01Y_mean vs Slug



Right In: -5.910+/-0.000 χ^2/NDF : 11105112836.5/16

Left Out: -6.143+/-0.000 χ^2/NDF : 185705217117.4/24

Right Out: -5.919+/-0.000 χ^2/NDF : 12816906660.3/18

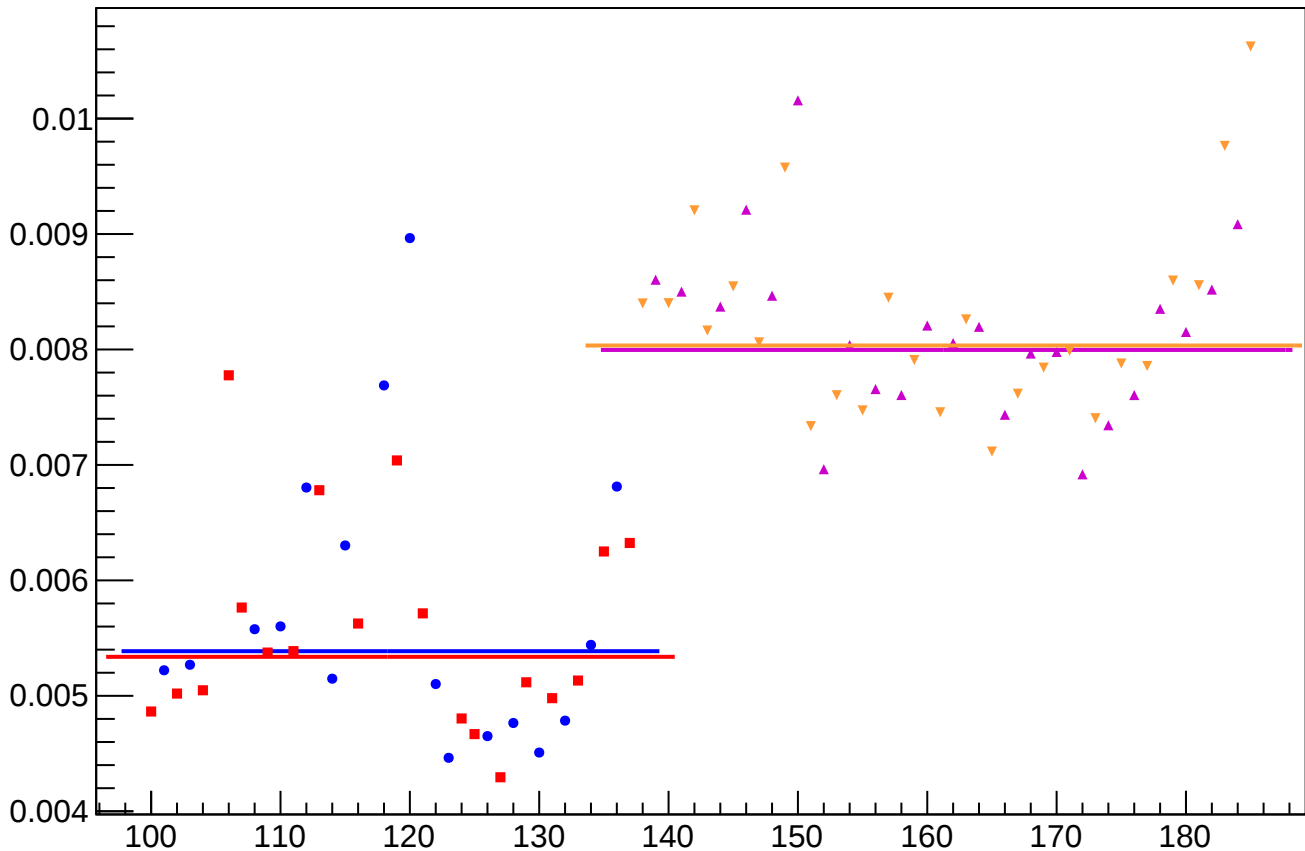
Left In: -6.122+/-0.000 χ^2/NDF : 159909473006.6/22

+ sign -6.041+/-0.000 χ^2/NDF : 202970666725.2/41

All: -6.033+/-0.000 χ^2/NDF : 380559392533.8

- sign -6.026+/-0.000 χ^2/NDF : 177537859793.6/41

yield_bpm0l01Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 346475.5/16

Left Out: 0.008+/-0.000 χ^2/NDF : 206050.0/24

Right Out: 0.005+/-0.000 χ^2/NDF : 246912.5/18

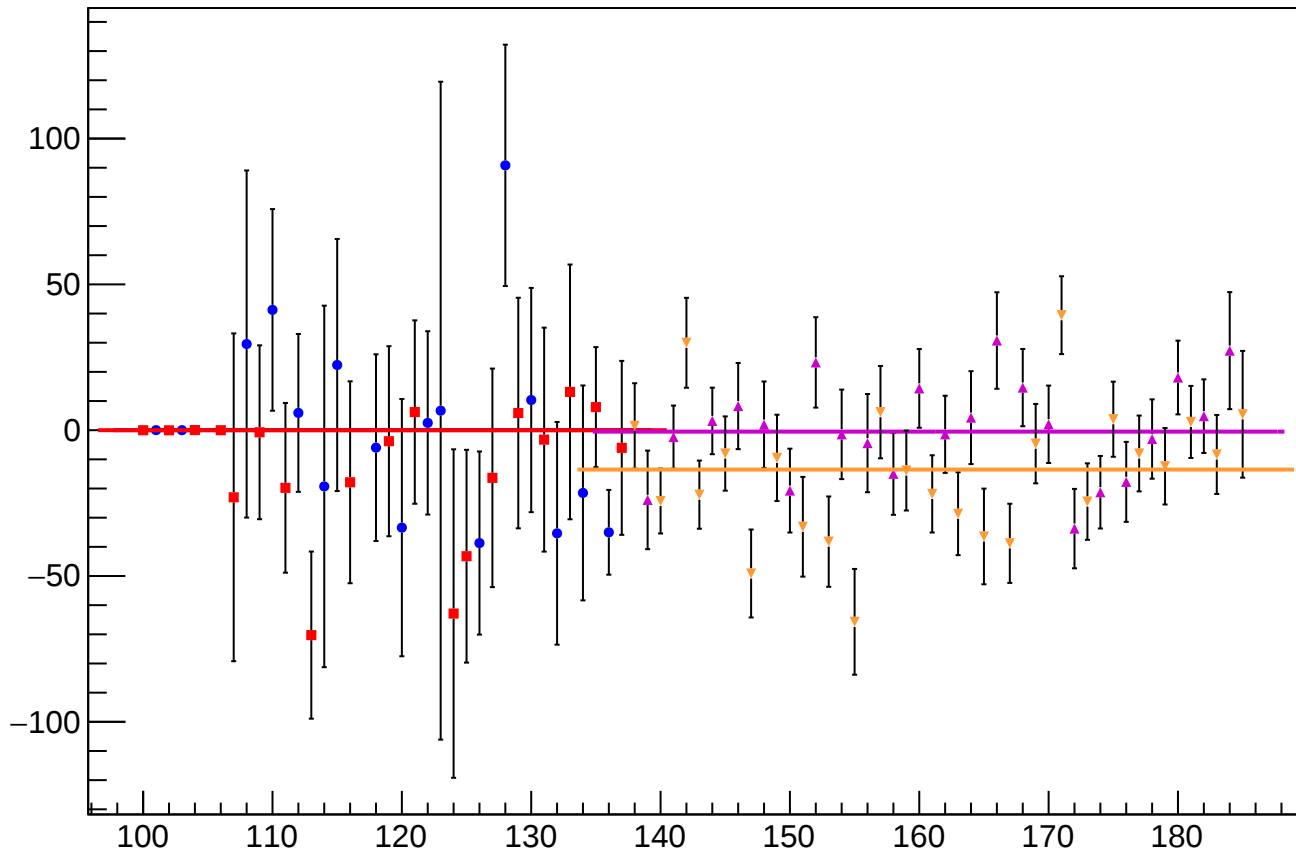
Left In: 0.008+/-0.000 χ^2/NDF : 220203.0/22

+ sign 0.007+/-0.000 χ^2/NDF : 2137171.5/41

All: 0.007+/-0.000 χ^2/NDF : 4274565.8/83

- sign 0.007+/-0.000 χ^2/NDF : 2129173.8/41

diff_cav4bX_mean vs Slug



Right In: 0.013 ± 0.017 χ^2/NDF : 16.3/16

Left Out: -13.495 ± 2.797 χ^2/NDF : 58.5/24

Right Out: 0.003 ± 0.016 χ^2/NDF : 14.9/18

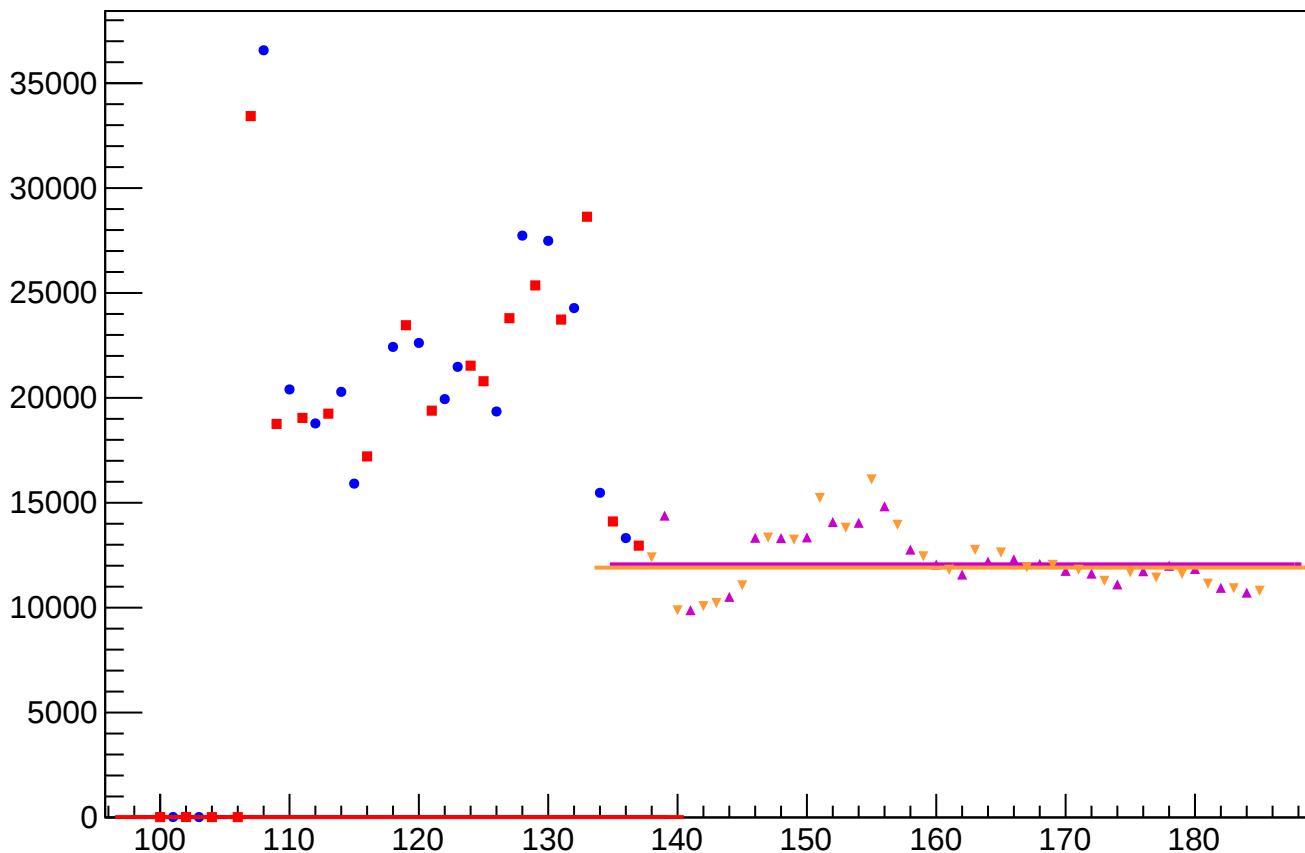
Left In: -0.489 ± 2.905 χ^2/NDF : 28.7/22

+ sign 0.013 ± 0.017 χ^2/NDF : 98.1/41

All: 0.008 ± 0.012 χ^2/NDF : 141.9/83

- sign 0.003 ± 0.016 χ^2/NDF : 43.7/41

diff_cav4bX_rms vs Slug



Right In: 18.640+/-0.012 χ^2/NDF : 10799270.4/16

Left Out: 11909.733+/-1.978 χ^2/NDF : 475420.3/24

Right Out: 18.311+/-0.011 χ^2/NDF : 11056055.0/18

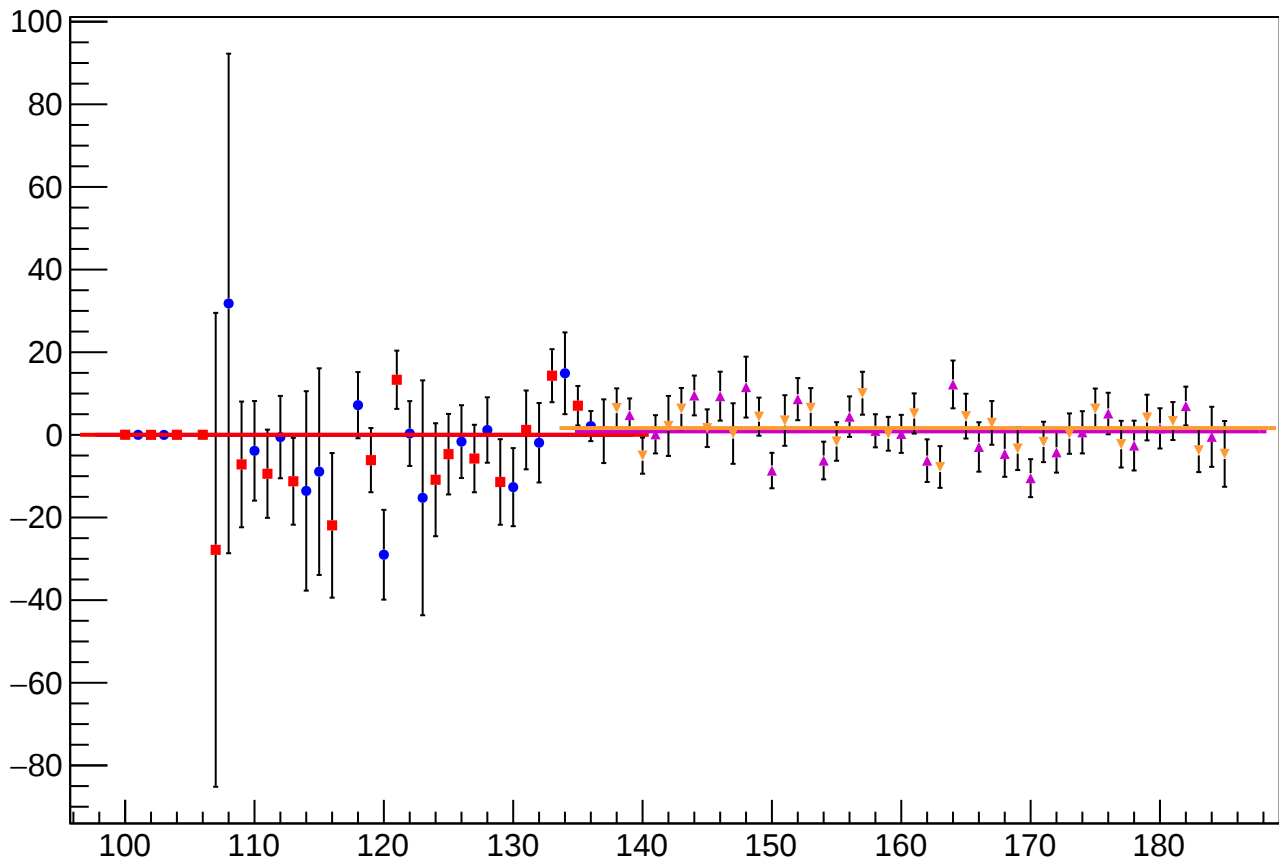
Left In: 12064.321+/-2.054 χ^2/NDF : 372586.0/22

+ sign 19.097+/-0.012 χ^2/NDF : 47430407.2/41

All: 18.873+/-0.008 χ^2/NDF : 93239629.8/83

- sign 18.680+/-0.011 χ^2/NDF : 45808598.7/41

diff_cav4bY_mean vs Slug



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 14.6/16

Left Out: 1.643 $\pm$ 1.021 χ^2 /NDF: 18.2/24

Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.6/18

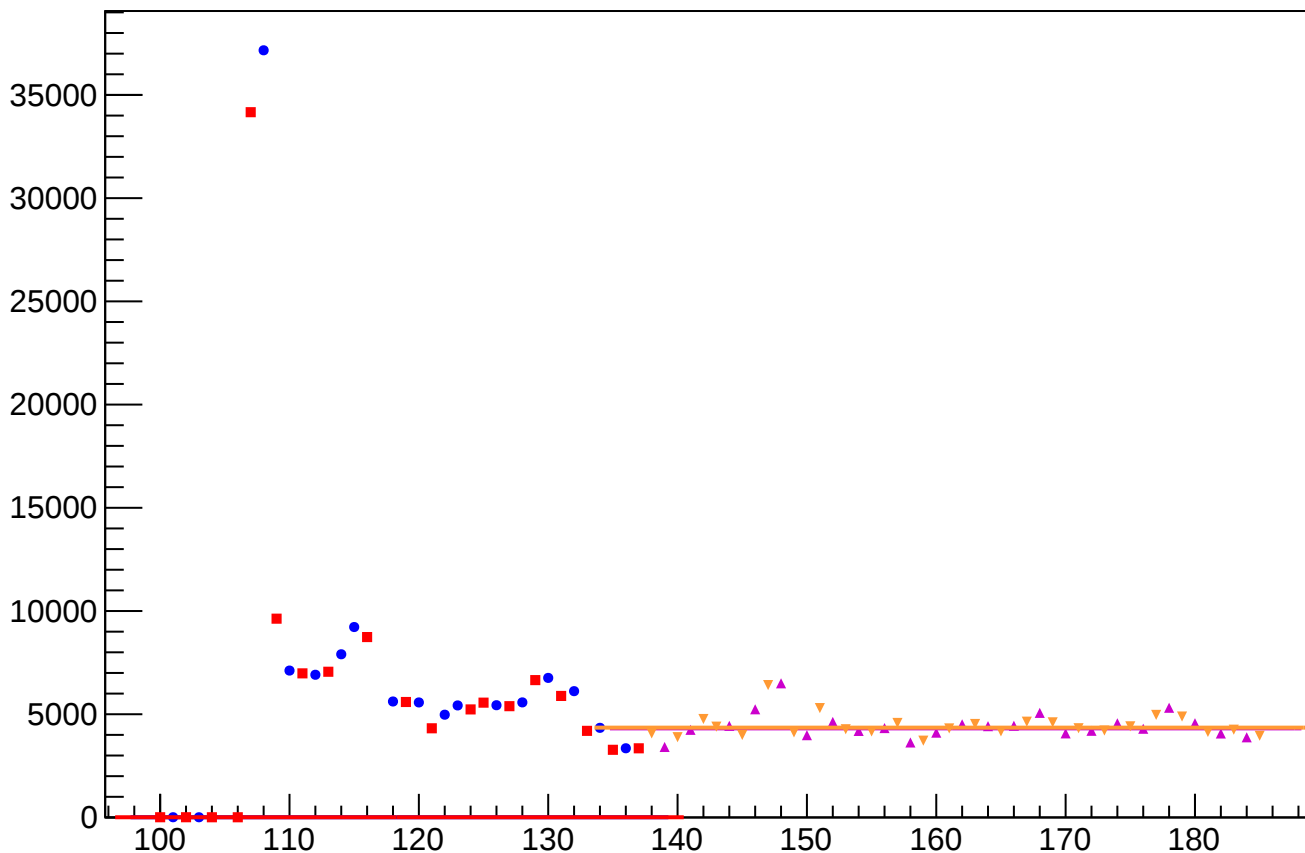
Left In: 0.843 $\pm$ 1.043 χ^2 /NDF: 35.7/22

+ sign 0.001 $\pm$ 0.009 χ^2 /NDF: 35.4/41

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 91.5/83

- sign 0.014 $\pm$ 0.009 χ^2 /NDF: 54.9/41

diff_cav4bY_rms vs Slug



Right In: 9.938 ± 0.007 χ^2/NDF : 10926318.4/16

Left Out: 4350.741 ± 0.722 χ^2/NDF : 384679.3/24

Right Out: 9.854 ± 0.006 χ^2/NDF : 11106435.3/18

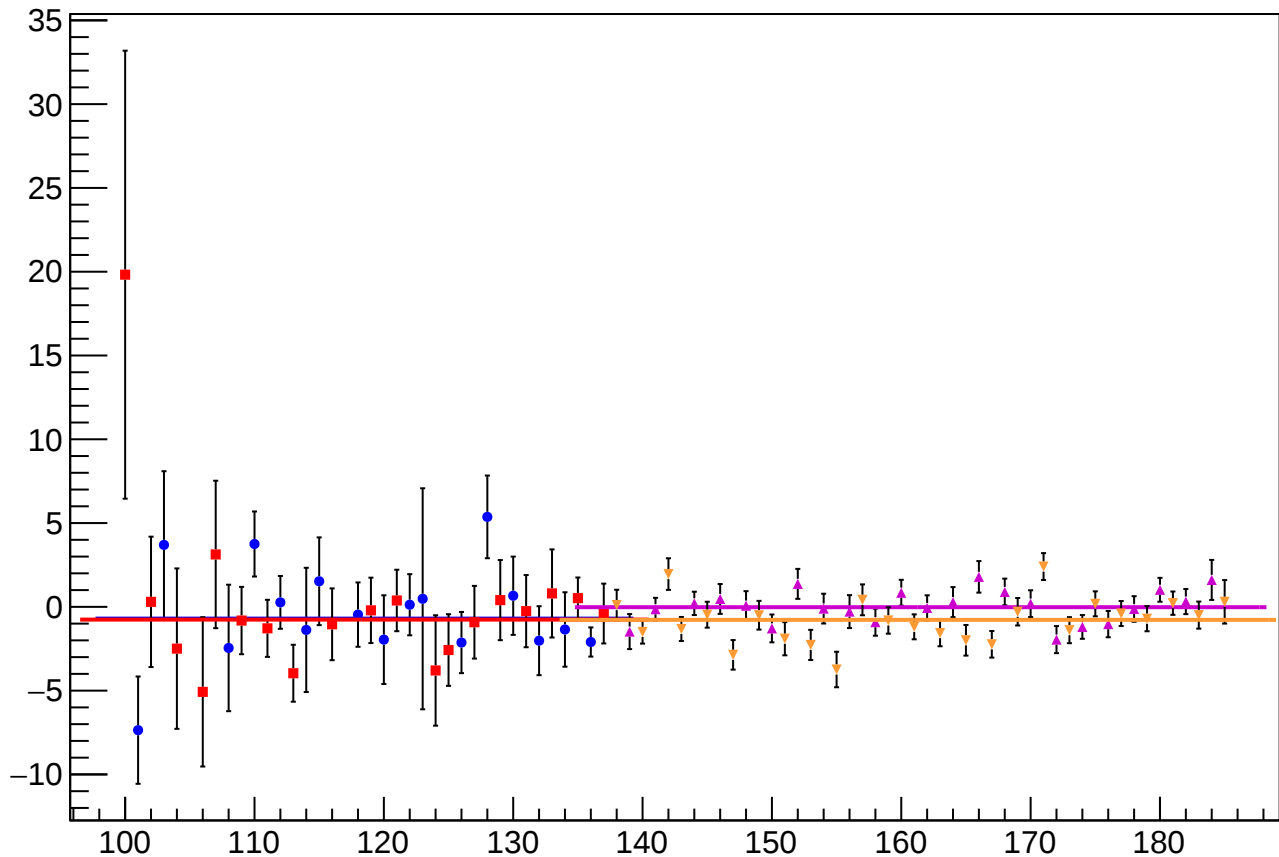
Left In: 4314.568 ± 0.738 χ^2/NDF : 534594.3/22

+ sign 10.290 ± 0.007 χ^2/NDF : 47445259.0/41

All: 10.216 ± 0.004 χ^2/NDF : 93149606.4/83

- sign 10.150 ± 0.006 χ^2/NDF : 45704101.3/41

diff_cav4cX_mean vs Slug



Right In: -0.702 $\pm$ 0.485 χ^2/NDF : 22.5/16

Left Out: -0.776 $\pm$ 0.164 χ^2/NDF : 58.3/24

Right Out: -0.760 $\pm$ 0.502 χ^2/NDF : 11.8/18

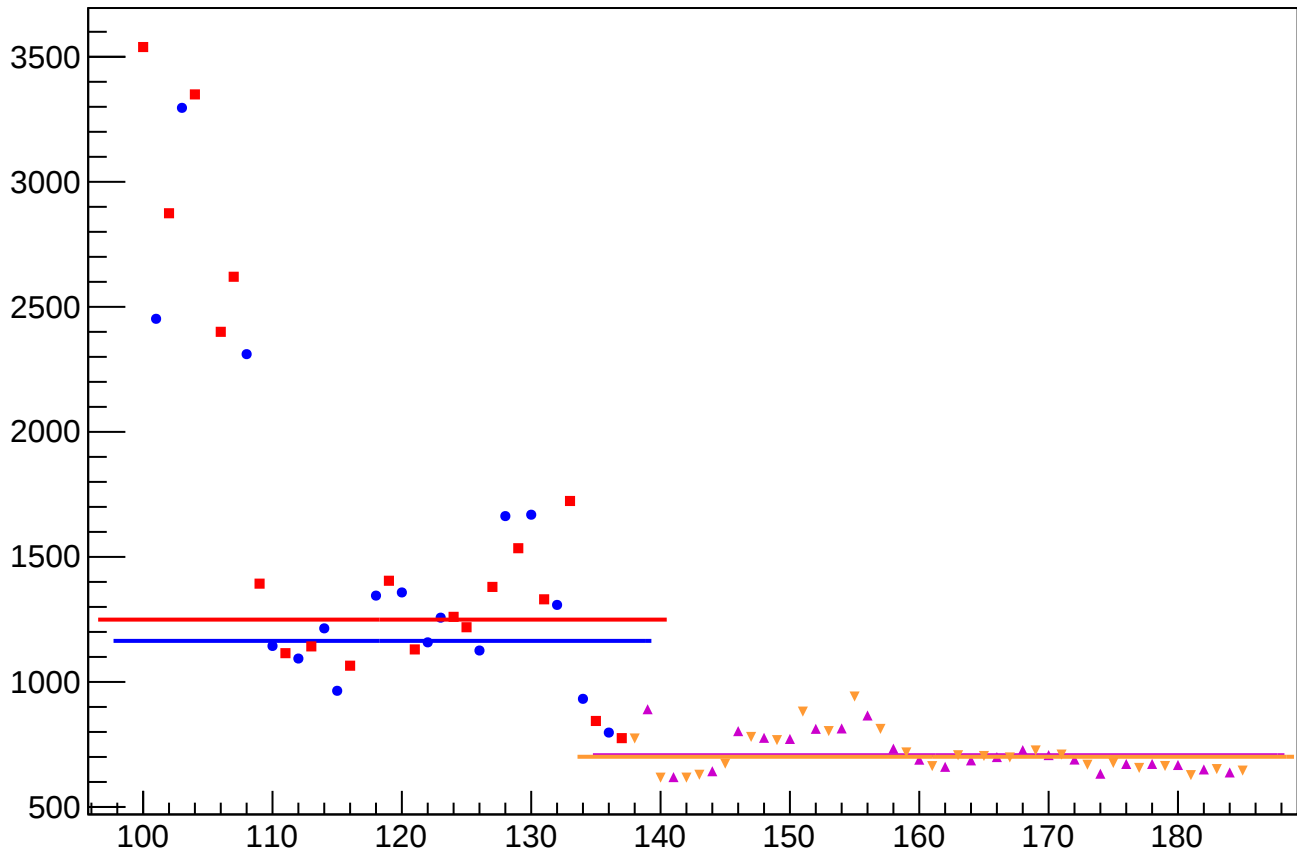
Left In: -0.020 $\pm$ 0.170 χ^2/NDF : 29.2/22

+ sign -0.768 $\pm$ 0.156 χ^2/NDF : 80.9/41

All: -0.444 $\pm$ 0.112 χ^2/NDF : 132.8/83

- sign -0.097 $\pm$ 0.161 χ^2/NDF : 42.9/41

diff_cav4cX_rms vs Slug



Right In: 1164.211 $\pm$ 0.343 χ^2 /NDF: 1586062.6/16

Left Out: 700.788 $\pm$ 0.116 χ^2 /NDF: 392622.4/24

+ sign 748.504 $\pm$ 0.110 χ^2 /NDF: 3616583.4/41

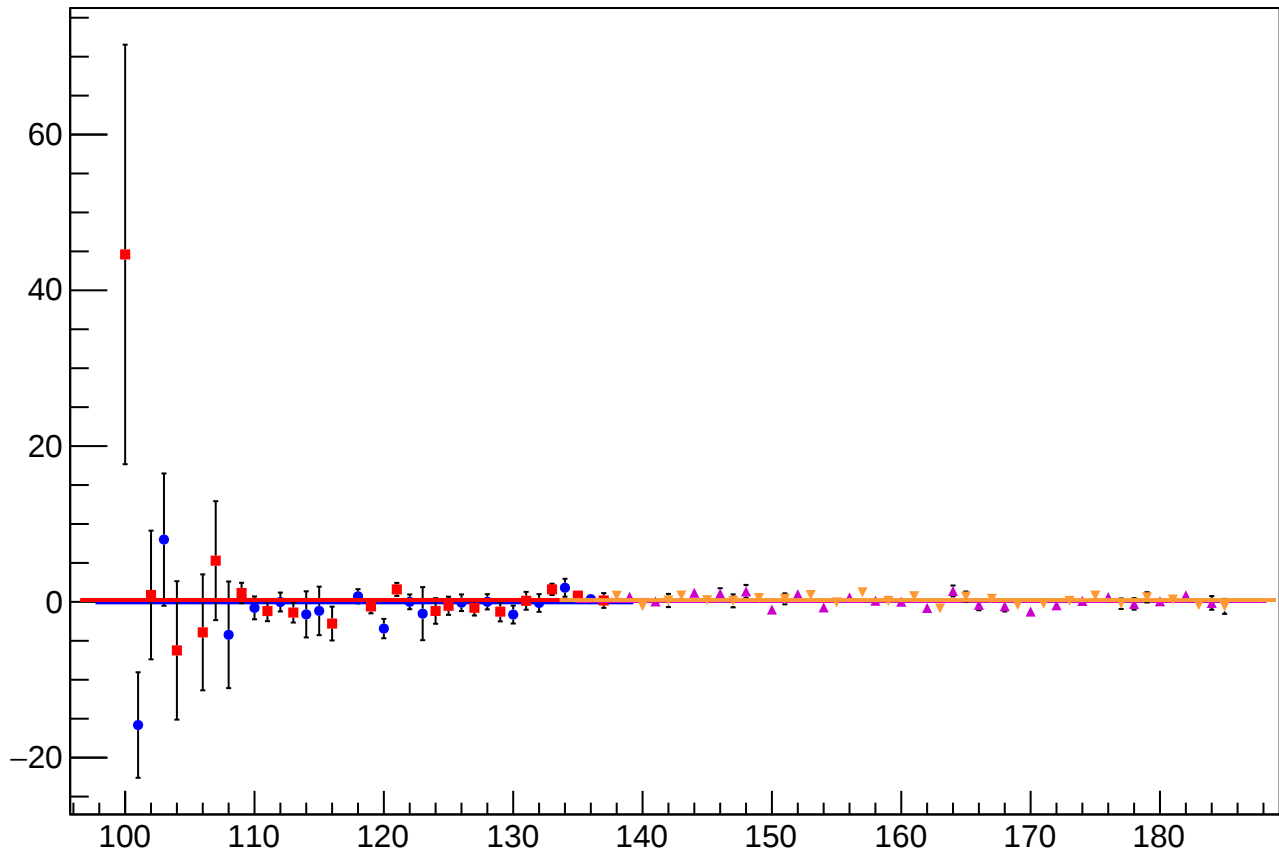
Right Out: 1249.273 $\pm$ 0.355 χ^2 /NDF: 1649434.8/18

All: 755.404 $\pm$ 0.079 χ^2 /NDF: 7705380.5/83

Left In: 706.950 $\pm$ 0.120 χ^2 /NDF: 338177.1/22

- sign 762.798 $\pm$ 0.114 χ^2 /NDF: 4080654.1/41

diff_cav4cY_mean vs Slug



Right In: -0.060 ± 0.271 χ^2/NDF : 20.9/16

Left Out: 0.233 ± 0.123 χ^2/NDF : 17.9/24

Right Out: 0.245 ± 0.265 χ^2/NDF : 20.7/18

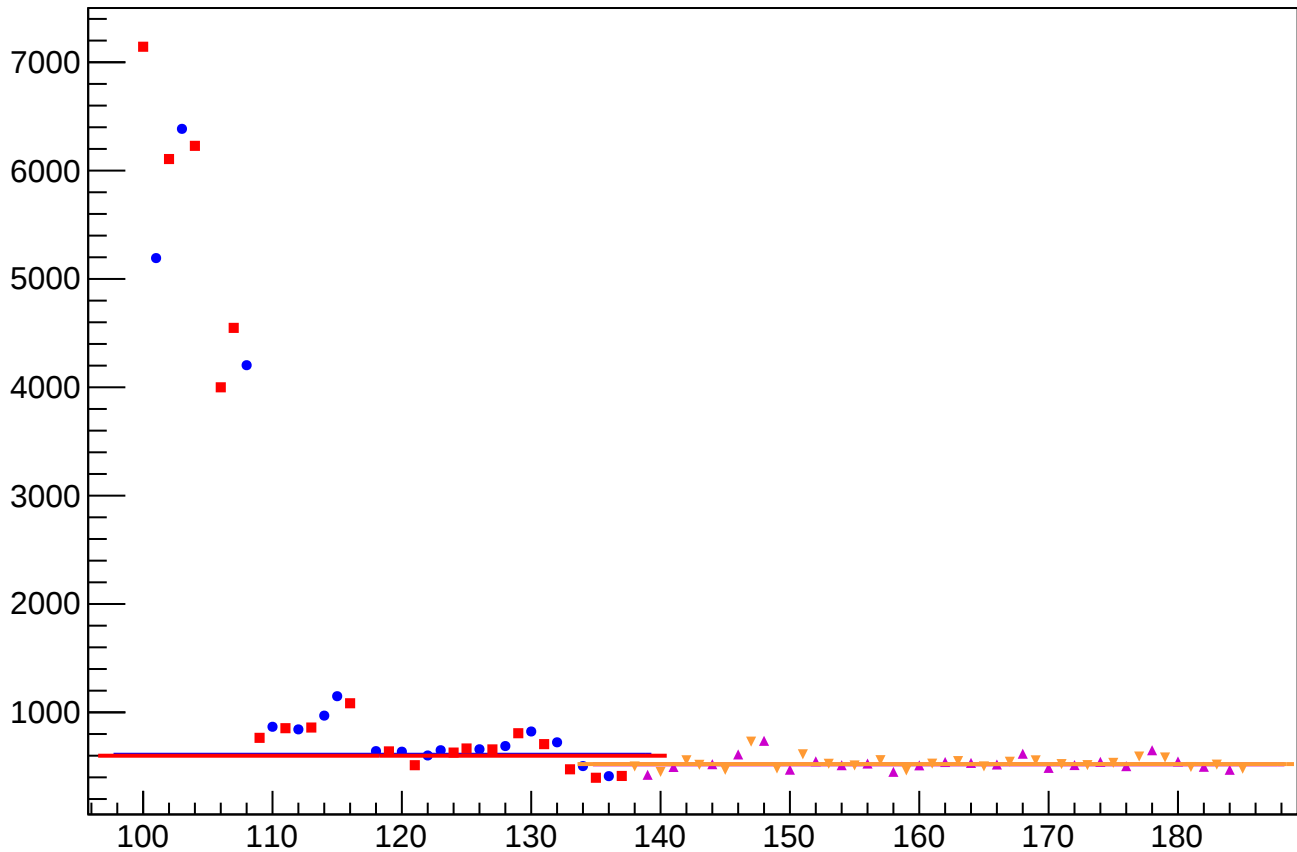
Left In: 0.115 ± 0.125 χ^2/NDF : 35.0/22

+ sign 0.183 ± 0.112 χ^2/NDF : 39.7/41

All: 0.161 ± 0.080 χ^2/NDF : 95.7/83

- sign 0.139 ± 0.113 χ^2/NDF : 55.9/41

diff_cav4cY_rms vs Slug



Right In: 608.589 $\pm$ 0.191 χ^2 /NDF: 3137480.1/16

Left Out: 522.427 $\pm$ 0.087 χ^2 /NDF:331559.5/24

Right Out: 599.715 $\pm$ 0.187 χ^2 /NDF: 3547458.7/18

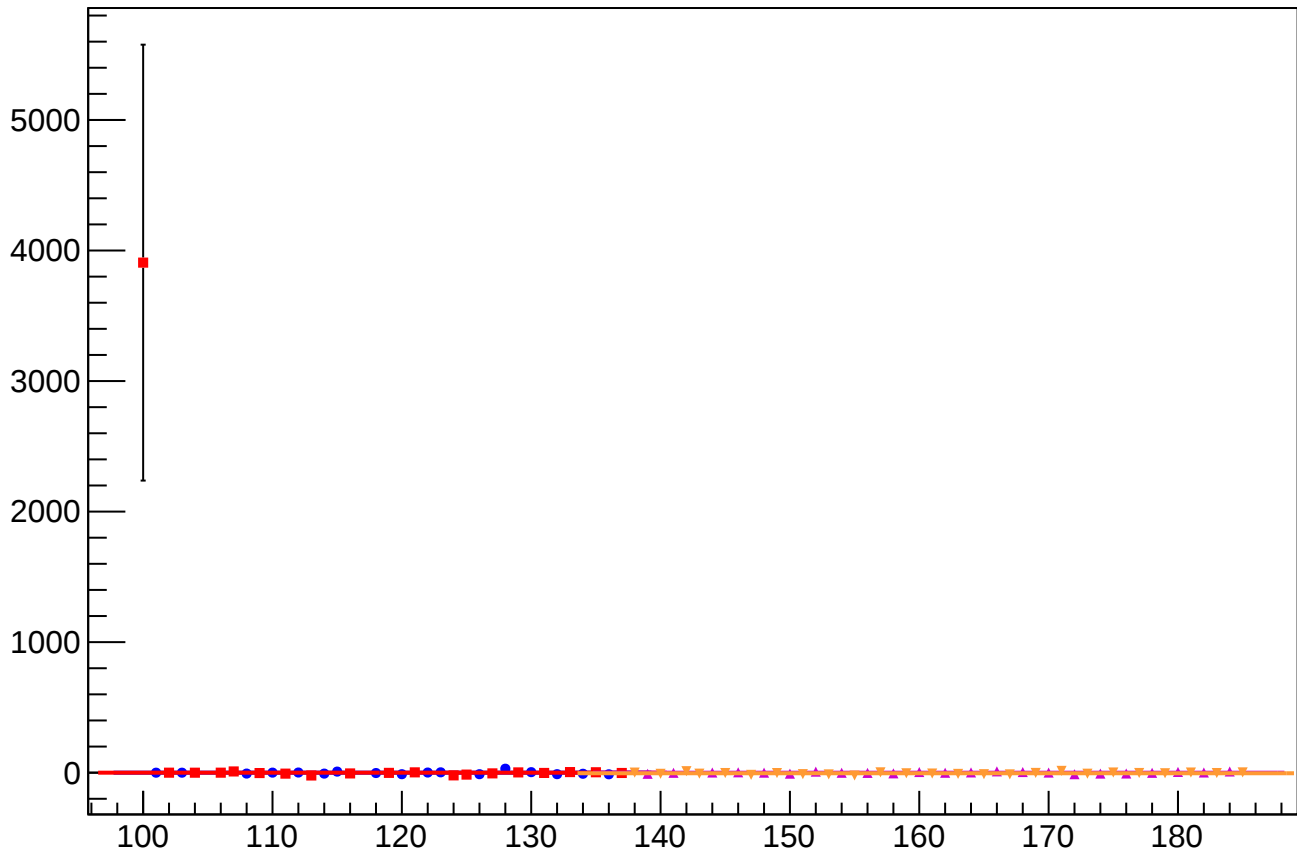
Left In: 519.909 $\pm$ 0.089 χ^2 /NDF:444746.3/22

+ sign 537.085 $\pm$ 0.079 χ^2 /NDF: 3637360.3/41

All: 535.834 $\pm$ 0.056 χ^2 /NDF: 7778377.6/83

- sign 534.542 $\pm$ 0.080 χ^2 /NDF: 4140506.4/41

diff_cav4dX_mean vs Slug



Right In: -0.022 ± 0.021 χ^2/NDF : 15.6/16

Left Out: -4.481 ± 0.956 χ^2/NDF : 58.2/24

Right Out: -0.027 ± 0.020 χ^2/NDF : 16.8/18

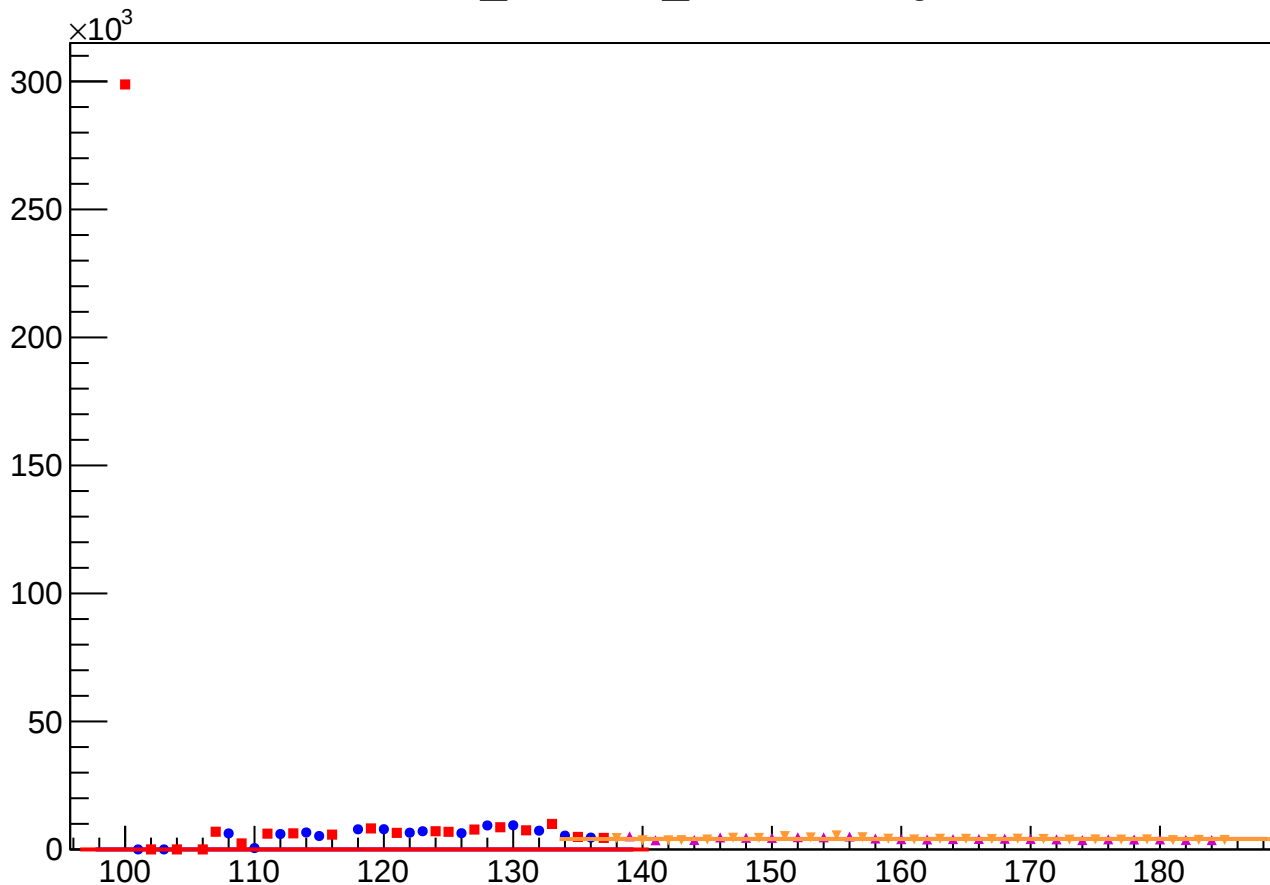
Left In: -0.193 ± 0.990 χ^2/NDF : 29.2/22

+ sign -0.024 ± 0.021 χ^2/NDF : 95.6/41

All: -0.025 ± 0.014 χ^2/NDF : 141.7/83

- sign -0.027 ± 0.020 χ^2/NDF : 46.1/41

diff_cav4dX_rms vs Slug



Right In: 17.335 $\pm$ 0.015 χ^2 /NDF: 10315348.6/16

Left Out: 4074.230 $\pm$ 0.676 χ^2 /NDF: 417018.7/24

Right Out: 17.267 $\pm$ 0.014 χ^2 /NDF: 10766587.2/18

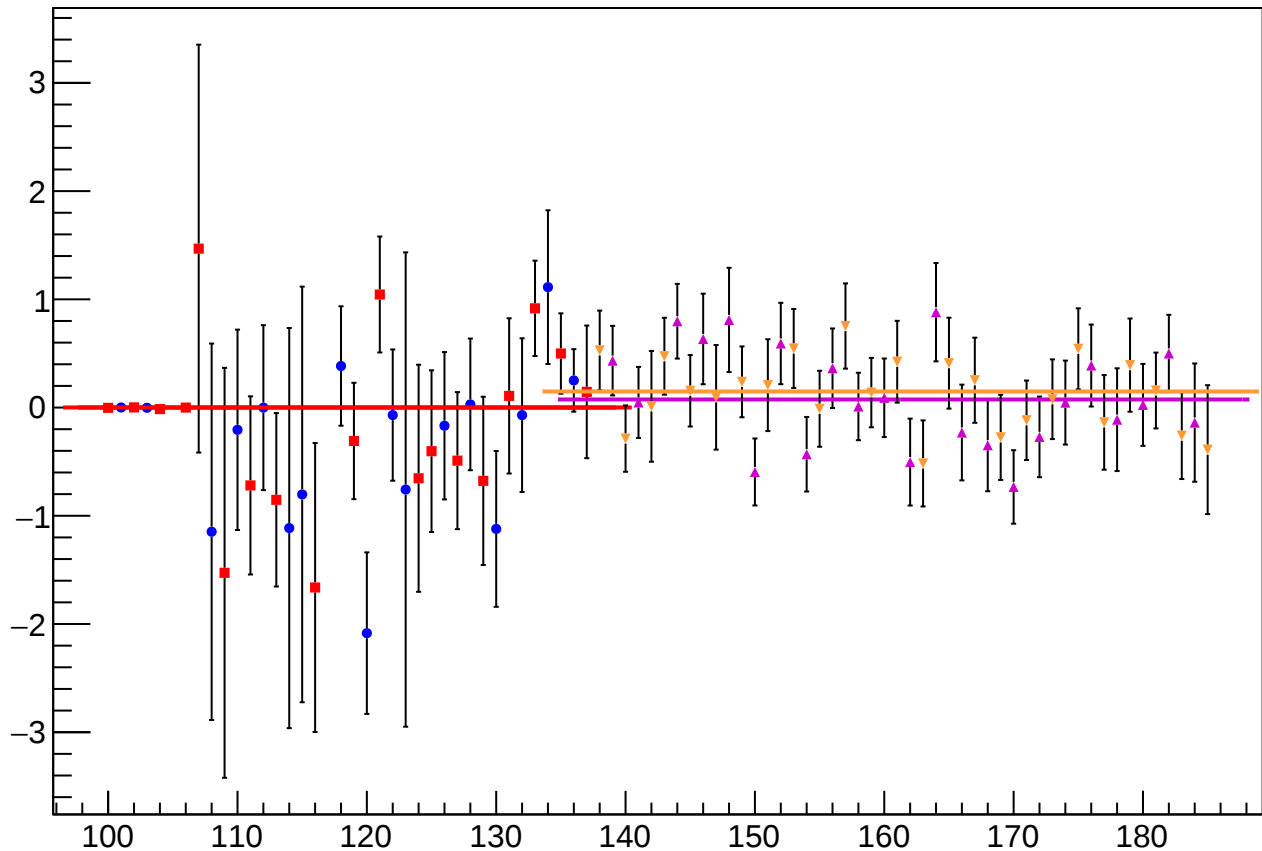
Left In: 4113.744 $\pm$ 0.700 χ^2 /NDF: 354965.8/22

+ sign 19.255 $\pm$ 0.015 χ^2 /NDF: 46756438.9/41

All: 19.069 $\pm$ 0.010 χ^2 /NDF: 92095163.0/83

- sign 18.900 $\pm$ 0.014 χ^2 /NDF: 45338418.3/41

diff_cav4dY_mean vs Slug



Right In: 0.000 ± 0.002 χ^2/NDF : 15.3/16

Left Out: 0.149 ± 0.076 χ^2/NDF : 17.1/24

Right Out: 0.001 ± 0.002 χ^2/NDF : 18.1/18

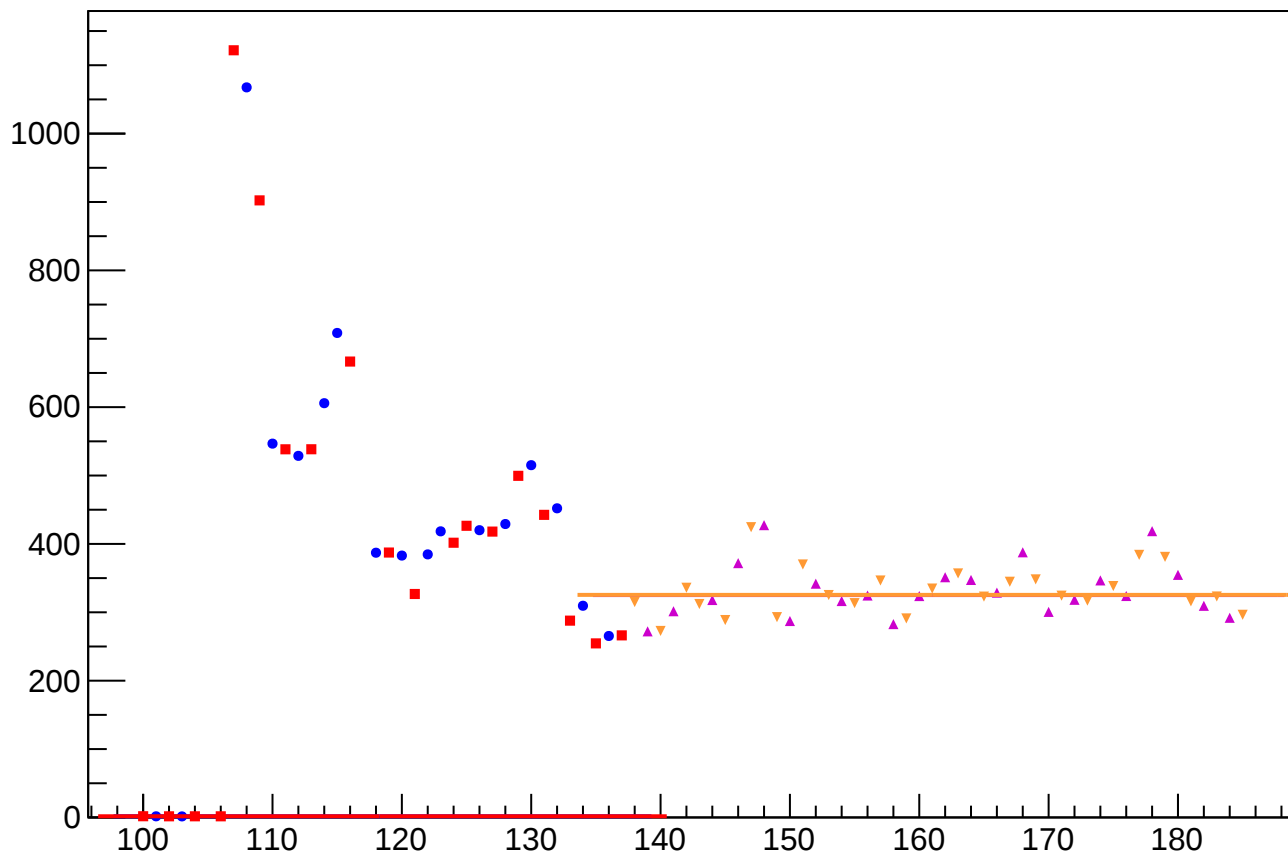
Left In: 0.075 ± 0.078 χ^2/NDF : 34.8/22

+ sign 0.000 ± 0.002 χ^2/NDF : 36.2/41

All: 0.001 ± 0.001 χ^2/NDF : 90.0/83

- sign 0.001 ± 0.002 χ^2/NDF : 53.8/41

diff_cav4dY_rms vs Slug



Right In: 1.698 $\pm$ 0.001 χ^2 /NDF: 10864983.9/16

Left Out: 325.473 $\pm$ 0.054 χ^2 /NDF: 350041.0/24

Right Out: 1.728 $\pm$ 0.001 χ^2 /NDF: 10690594.4/18

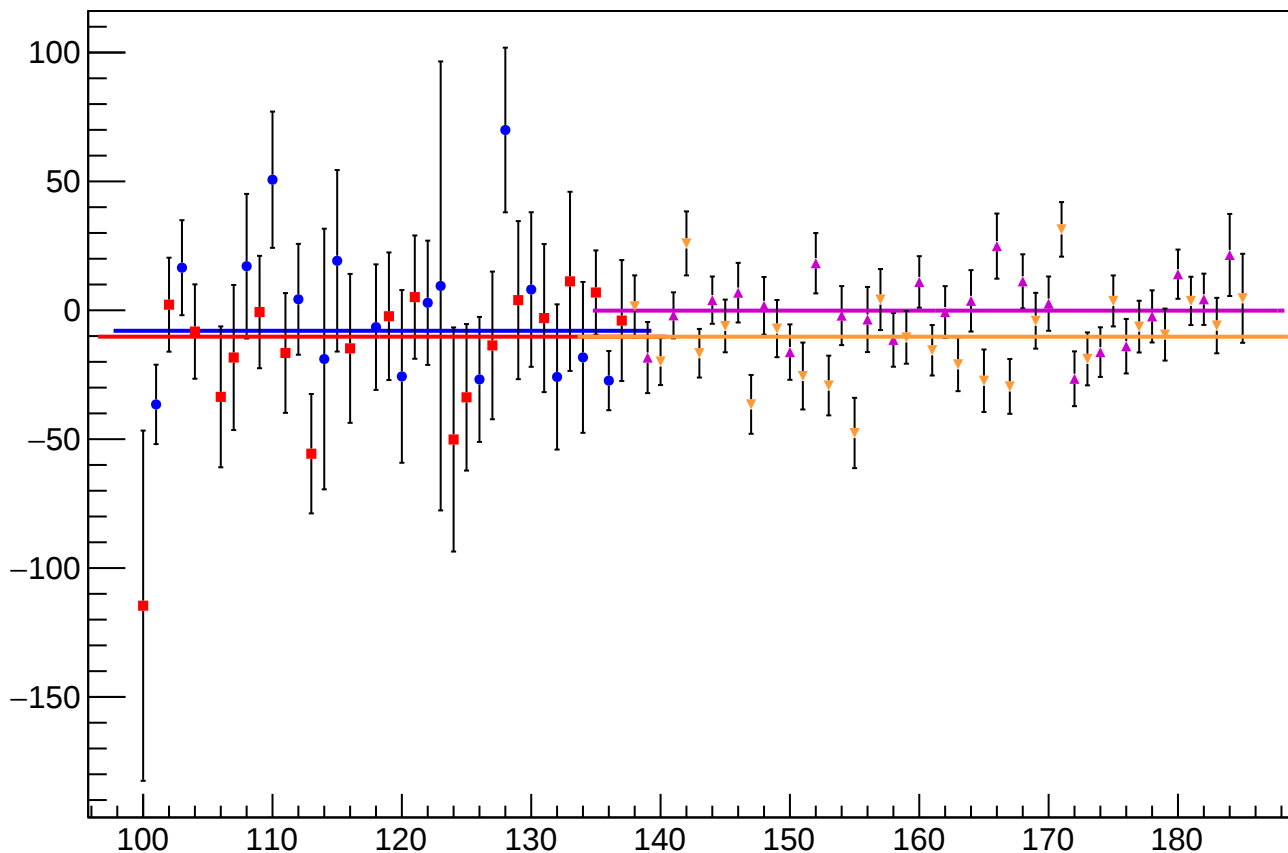
Left In: 325.201 $\pm$ 0.055 χ^2 /NDF: 428069.7/22

+ sign 1.926 $\pm$ 0.001 χ^2 /NDF: 47168232.1/41

All: 1.926 $\pm$ 0.001 χ^2 /NDF: 92257906.6/83

- sign 1.925 $\pm$ 0.001 χ^2 /NDF: 45089674.4/41

diff_bpm4aX_mean vs Slug



Right In: -7.952 ± 5.639 χ^2/NDF : 22.6/16

Left Out: -10.251 ± 2.167 χ^2/NDF : 58.0/24

Right Out: -10.233 ± 5.692 χ^2/NDF : 11.7/18

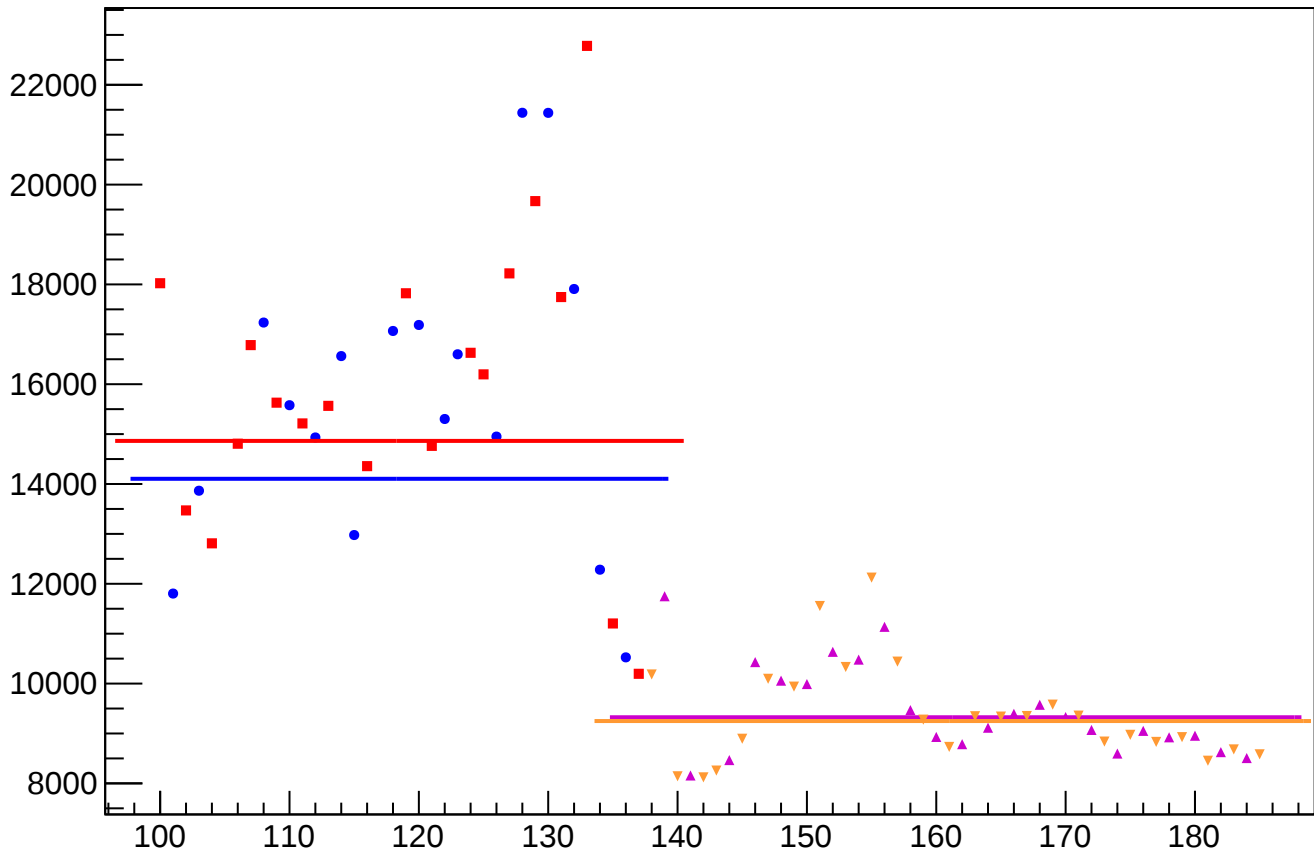
Left In: -0.130 ± 2.242 χ^2/NDF : 29.8/22

+ sign -9.955 ± 2.023 χ^2/NDF : 80.7/41

All: -5.852 ± 1.452 χ^2/NDF : 133.4/83

- sign -1.487 ± 2.086 χ^2/NDF : 44.2/41

diff_bpm4aX_rms vs Slug



Right In: 14104.125+/-3.987 χ^2/NDF : 604857.2/16

Left Out: 9249.249+/-1.532 χ^2/NDF : 332087.2/24

Right Out: 14863.530+/-4.025 χ^2/NDF : 472106.0/18

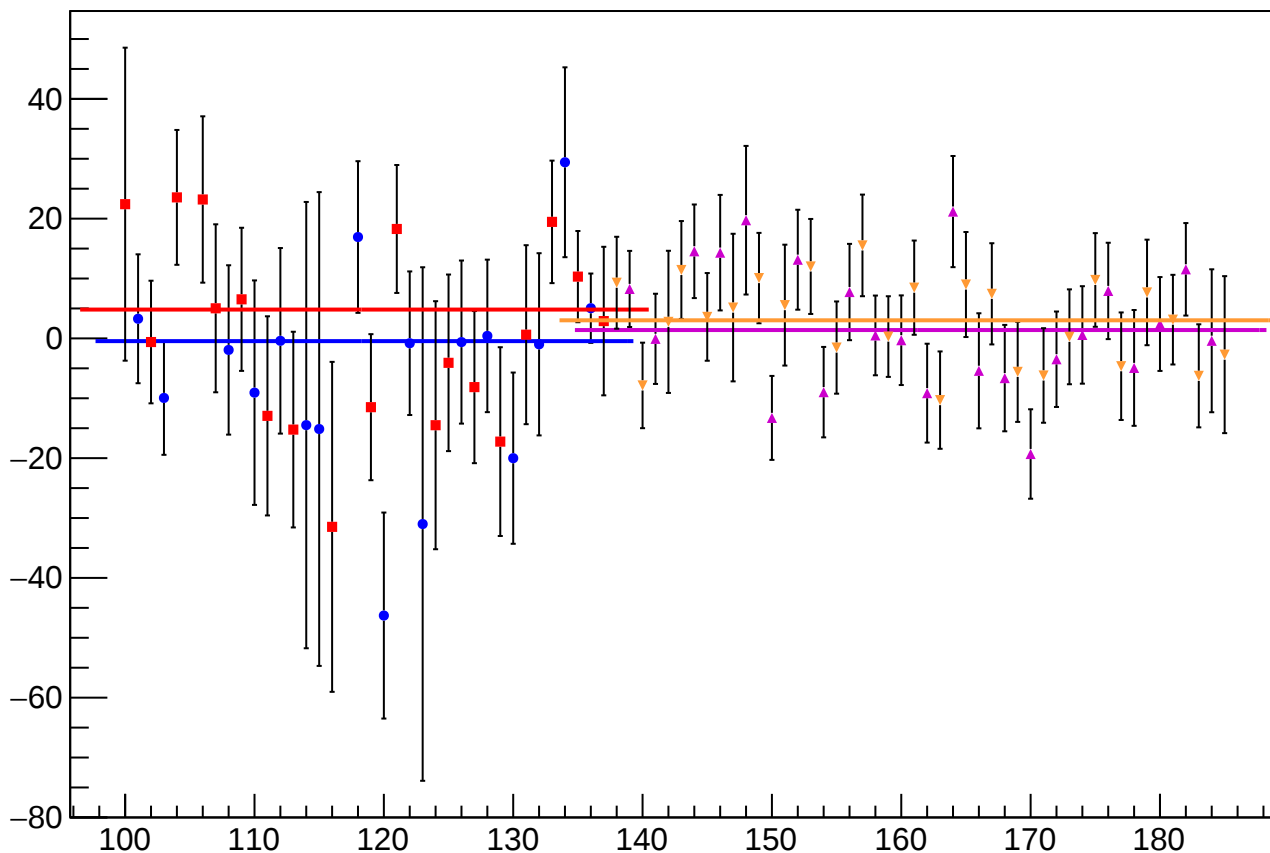
Left In: 9325.112+/-1.585 χ^2/NDF : 280927.7/22

+ sign 9873.956+/-1.430 χ^2/NDF : 2228787.0/41

All: 9968.467+/-1.027 χ^2/NDF : 4629820.8/83

- sign 10069.007+/-1.475 χ^2/NDF : 2392022.0/41

diff_bpm4aY_mean vs Slug



Right In: -0.456 ± 3.089 χ^2/NDF : 17.4/16

Left Out: 3.021 ± 1.659 χ^2/NDF : 18.5/24

Right Out: 4.814 ± 2.946 χ^2/NDF : 19.9/18

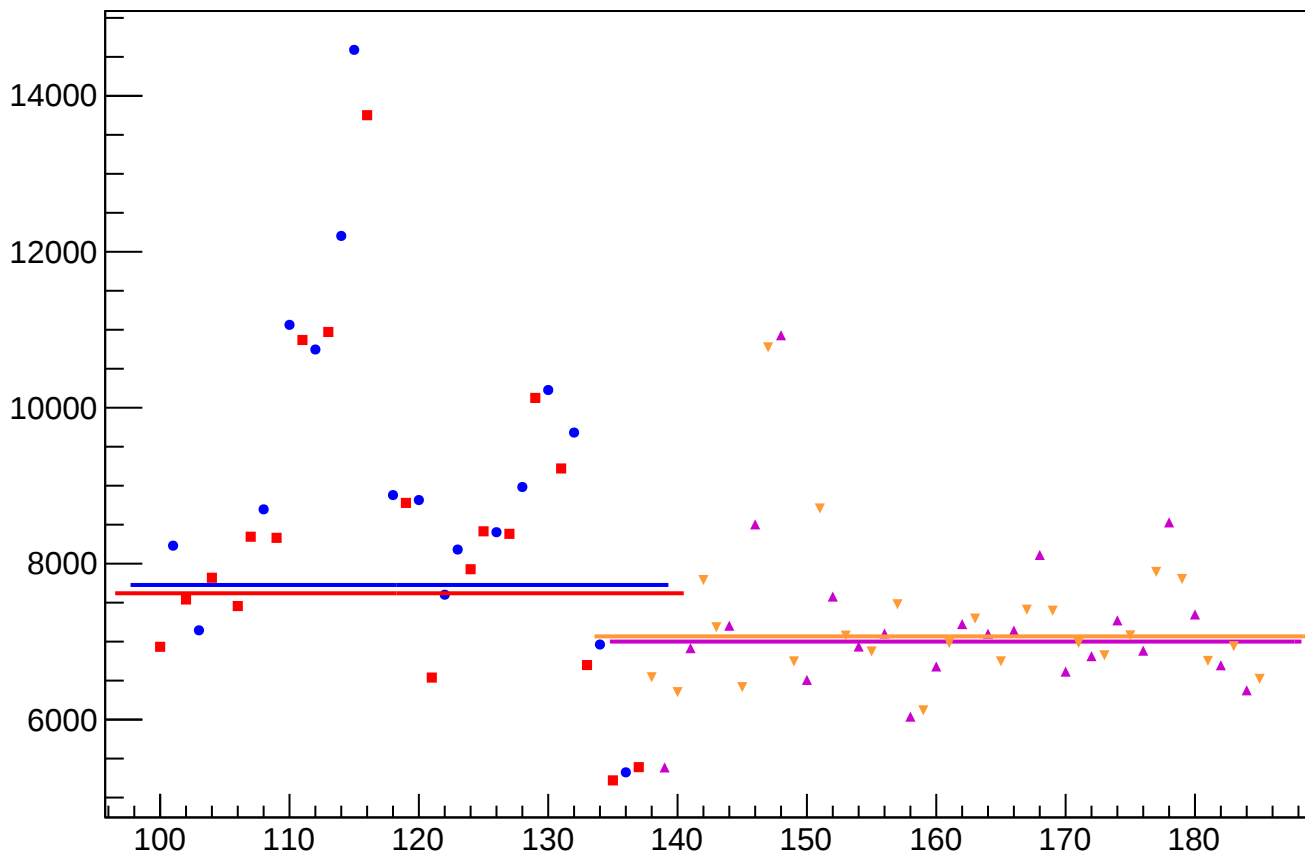
Left In: 1.394 ± 1.693 χ^2/NDF : 35.4/22

+ sign 2.243 ± 1.462 χ^2/NDF : 37.0/41

All: 2.243 ± 1.036 χ^2/NDF : 93.3/83

- sign 2.244 ± 1.468 χ^2/NDF : 56.3/41

diff_bpm4aY_rms vs Slug



Right In: 7726.613+/-2.184 χ^2/NDF : 742603.6/16

Left Out: 7067.167+/-1.173 χ^2/NDF : 387389.5/24

Right Out: 7620.107+/-2.083 χ^2/NDF : 679200.6/18

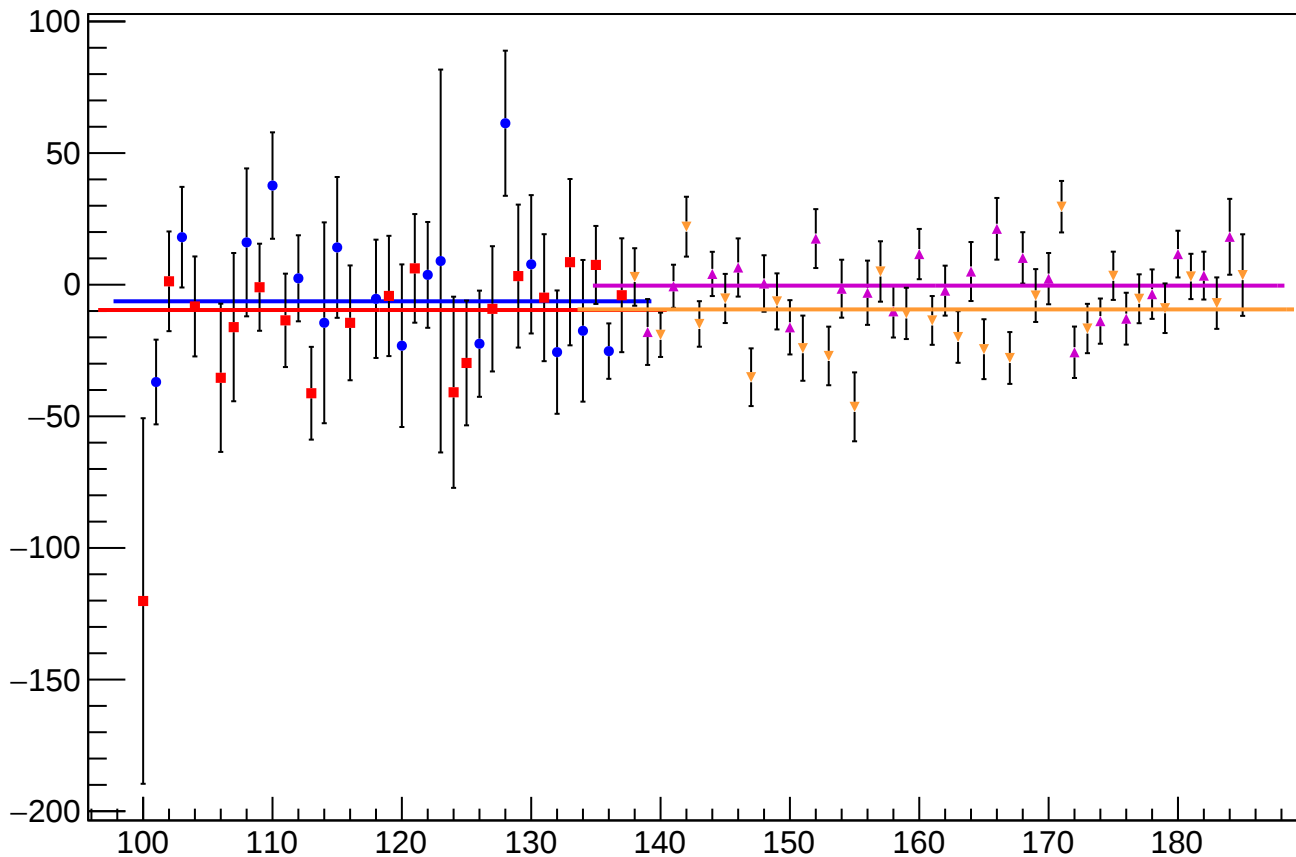
Left In: 7000.532+/-1.197 χ^2/NDF : 550029.3/22

+ sign 7214.791+/-1.034 χ^2/NDF : 1200723.8/41

All: 7184.720+/-0.732 χ^2/NDF : 2498156.0/83

- sign 7154.390+/-1.038 χ^2/NDF : 1295732.0/41

diff_bpm4eX_mean vs Slug



Right In: -6.303 ± 5.045 χ^2/NDF : 23.2/16

Left Out: -9.385 ± 2.018 χ^2/NDF : 58.4/24

Right Out: -9.614 ± 5.013 χ^2/NDF : 11.5/18

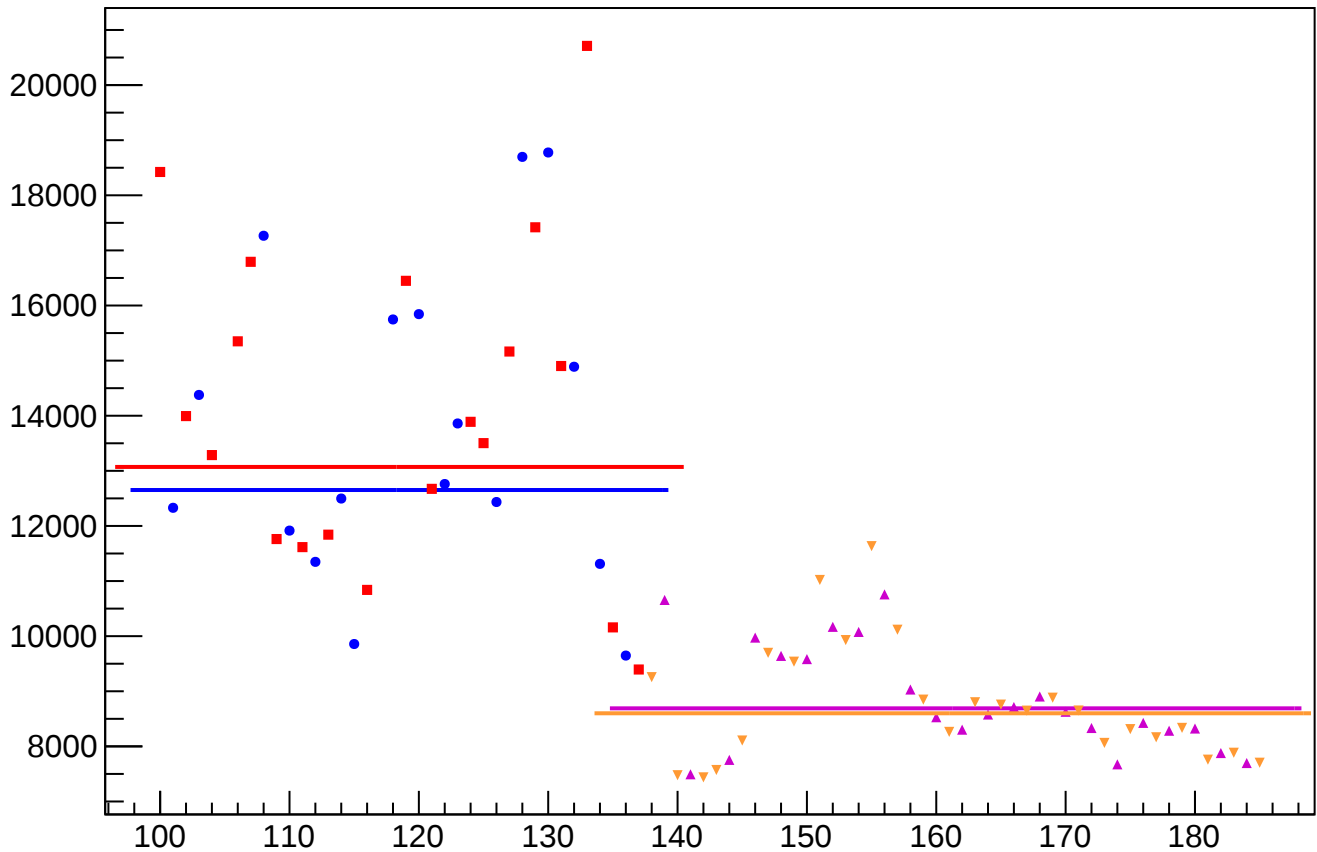
Left In: -0.353 ± 2.092 χ^2/NDF : 29.6/22

+ sign -8.960 ± 1.874 χ^2/NDF : 81.9/41

All: -5.452 ± 1.345 χ^2/NDF : 133.1/83

- sign -1.727 ± 1.931 χ^2/NDF : 44.0/41

diff_bpm4eX_rms vs Slug



Right In: 12652.101+/-3.567 χ^2/NDF : 559356.1/16

Left Out: 8600.406+/-1.427 χ^2/NDF : 438325.8/24

Right Out: 13070.799+/-3.545 χ^2/NDF : 498063.2/18

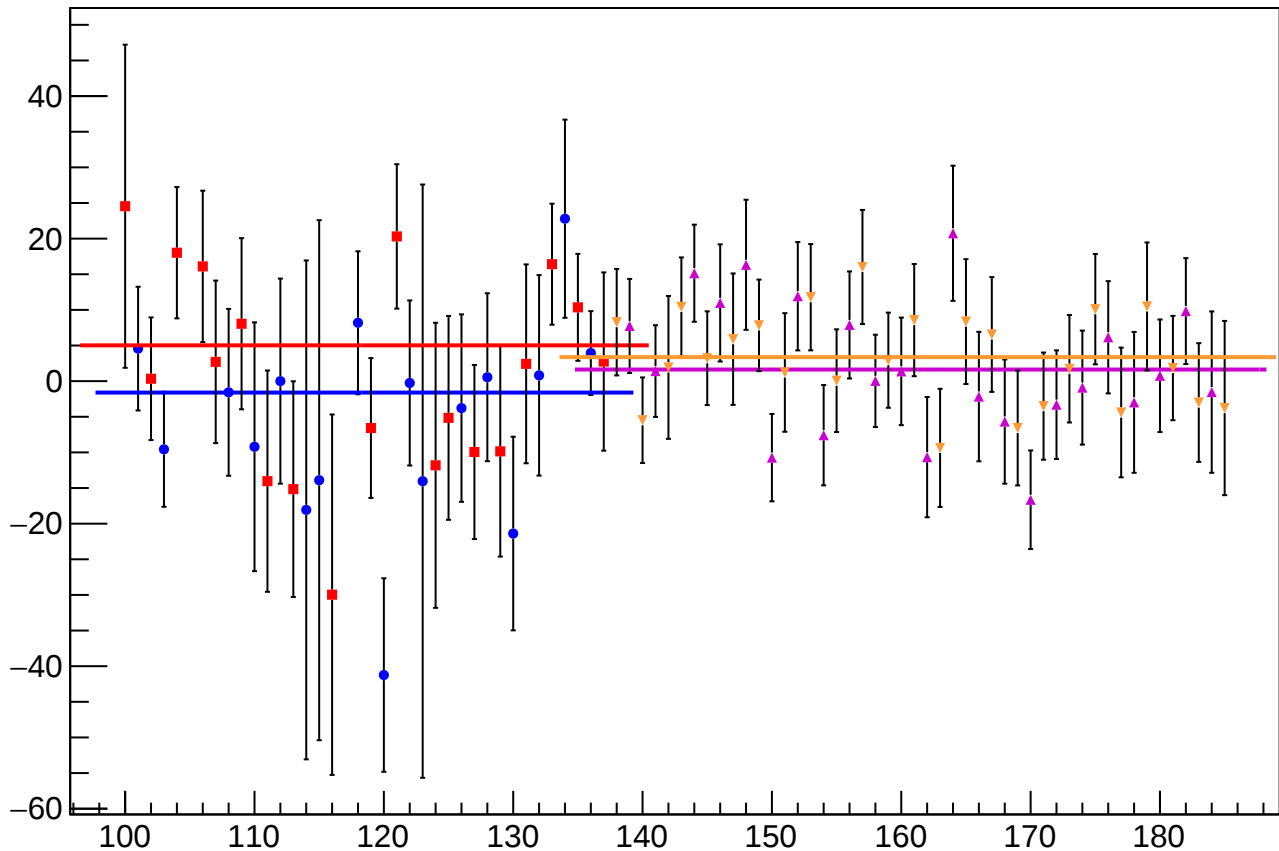
Left In: 8690.209+/-1.479 χ^2/NDF : 370834.1/22

+ sign 9159.223+/-1.325 χ^2/NDF : 2109657.4/41

All: 9246.929+/-0.951 χ^2/NDF : 4288254.0/83

- sign 9340.064+/-1.365 χ^2/NDF : 2169560.8/41

diff_bpm4eY_mean vs Slug



Right In: -1.604 ± 2.811 χ^2/NDF : 17.8/16

Left Out: 3.370 ± 1.551 χ^2/NDF : 17.0/24

Right Out: 5.023 ± 2.647 χ^2/NDF : 19.2/18

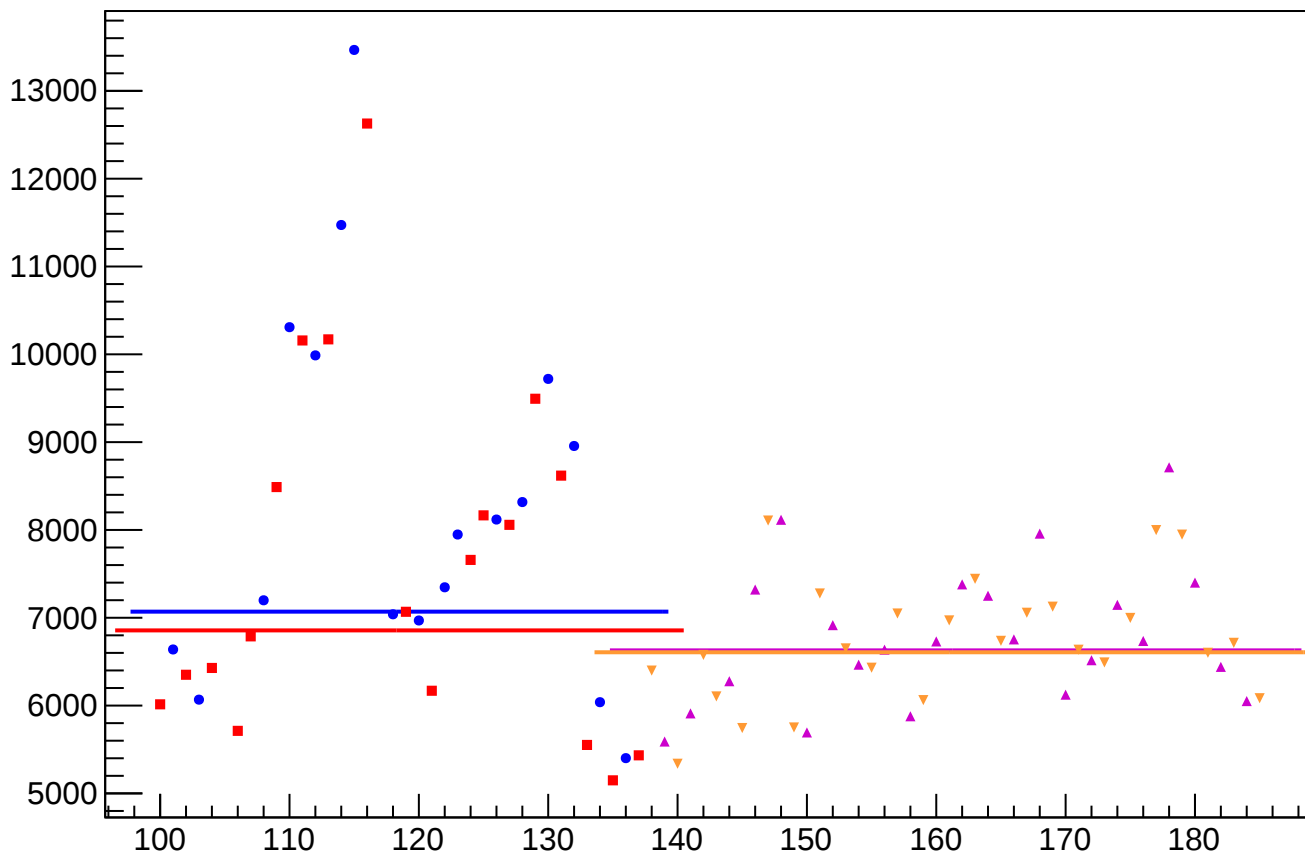
Left In: 1.627 ± 1.599 χ^2/NDF : 33.5/22

+ sign 2.209 ± 1.358 χ^2/NDF : 37.2/41

All: 2.371 ± 0.964 χ^2/NDF : 91.1/83

- sign 2.535 ± 1.369 χ^2/NDF : 53.9/41

diff_bpm4eY_rms vs Slug



Right In: 7069.683+/-1.988 χ^2/NDF : 601725.0/16

Left Out: 6607.079+/-1.096 χ^2/NDF : 398414.9/24

Right Out: 6856.143+/-1.872 χ^2/NDF : 686407.0/18

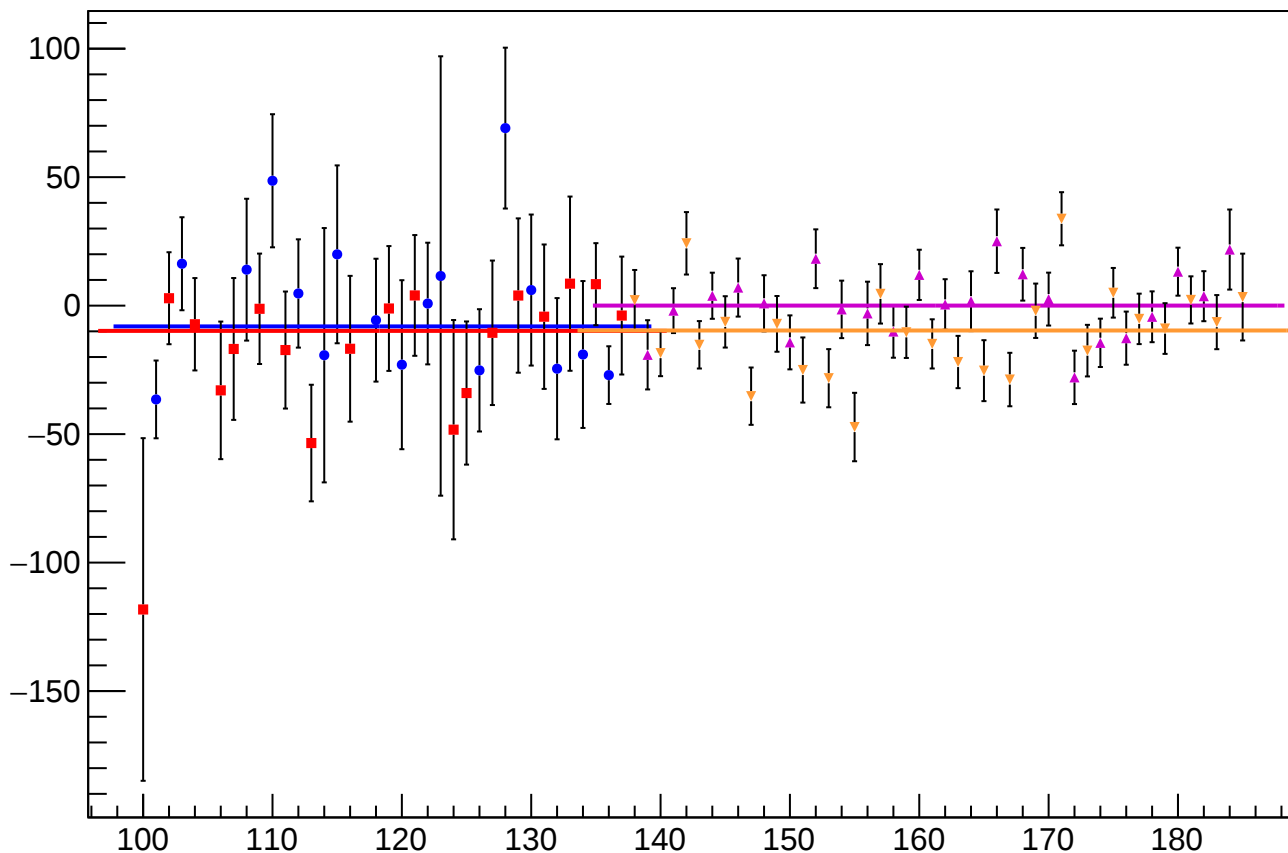
Left In: 6628.653+/-1.131 χ^2/NDF : 430282.2/22

+ sign 6715.016+/-0.960 χ^2/NDF : 1041672.6/41

All: 6702.353+/-0.682 χ^2/NDF : 2169535.9/83

- sign 6689.484+/-0.968 χ^2/NDF : 1127512.5/41

diff_bpm4acX_mean vs Slug



Right In: -8.084 ± 5.527 χ^2/NDF : 22.4/16

Left Out: -9.672 ± 2.118 χ^2/NDF : 59.8/24

Right Out: -9.828 ± 5.581 χ^2/NDF : 12.0/18

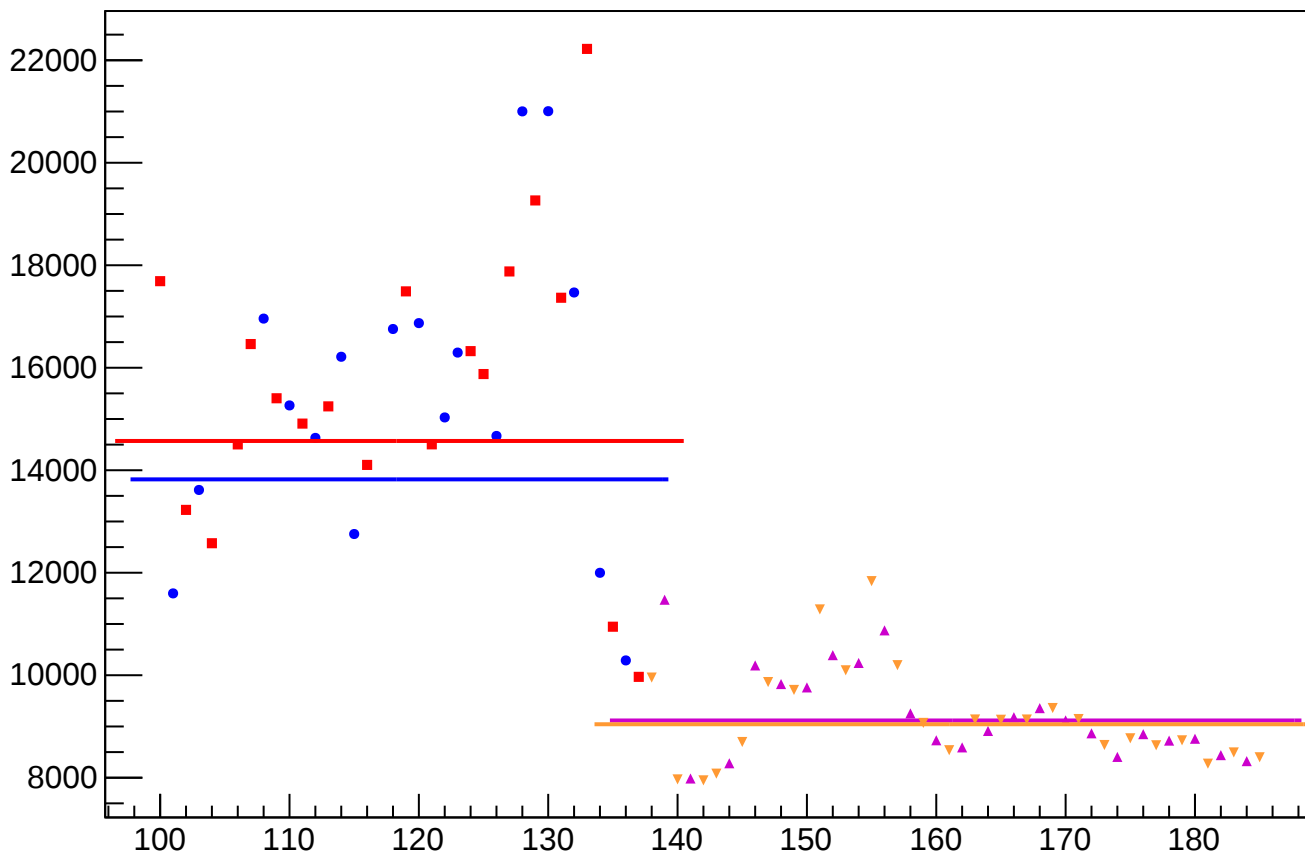
Left In: 0.019 ± 2.192 χ^2/NDF : 30.6/22

+ sign -9.468 ± 1.978 χ^2/NDF : 82.3/41

All: -5.509 ± 1.420 χ^2/NDF : 135.8/83

- sign -1.297 ± 2.040 χ^2/NDF : 45.3/41

diff_bpm4acX_rms vs Slug



Right In: 13821.849+/-3.908 χ^2/NDF : 607967.7/16

Left Out: 9043.378+/-1.498 χ^2/NDF : 328275.3/24

Right Out: 14571.187+/-3.946 χ^2/NDF : 473951.9/18

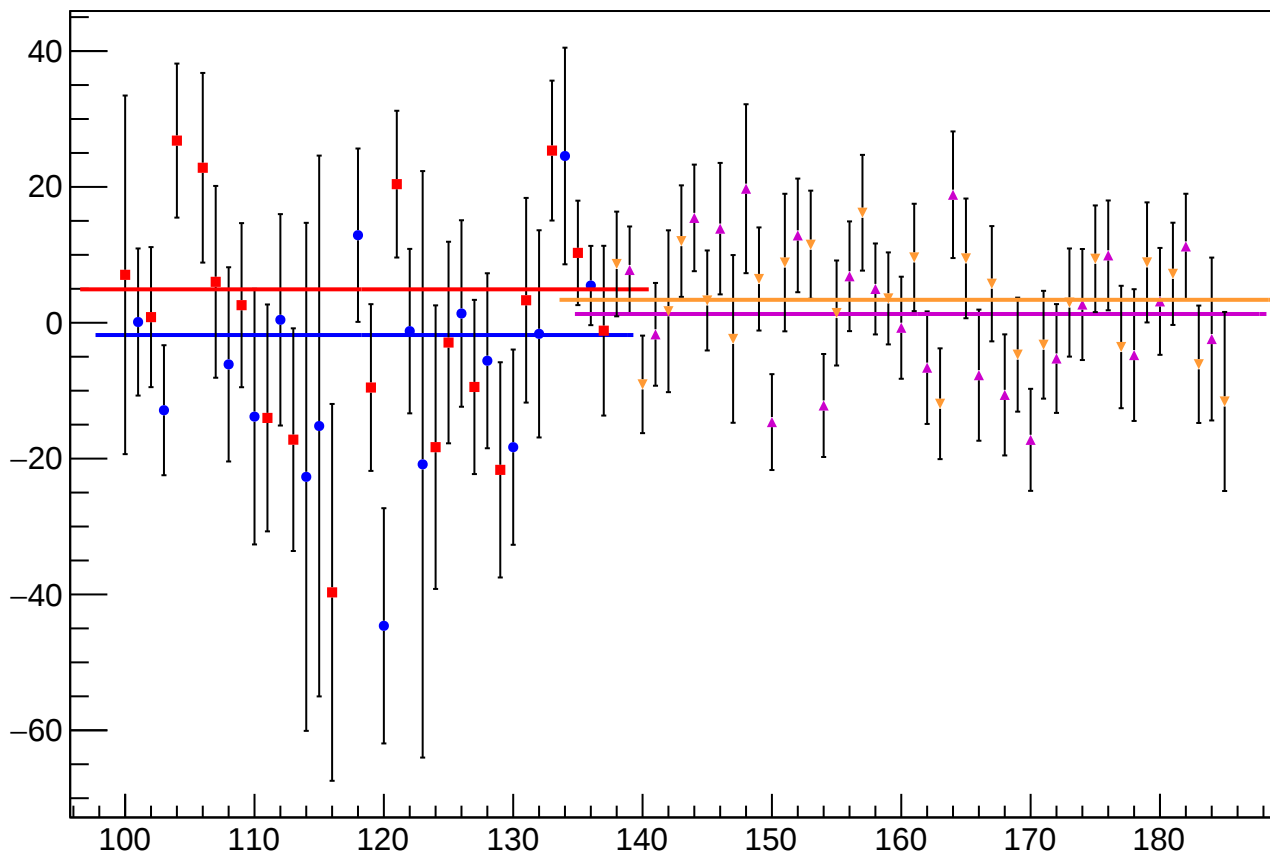
Left In: 9116.921+/-1.550 χ^2/NDF : 277594.8/22

+ sign 9655.563+/-1.399 χ^2/NDF : 2239879.0/41

All: 9747.795+/-1.004 χ^2/NDF : 4655443.7/83

- sign 9845.912+/-1.443 χ^2/NDF : 2406591.3/41

diff_bpm4acY_mean vs Slug



Right In: -1.806 ± 3.112 χ^2/NDF : 15.7/16

Left Out: 3.379 ± 1.666 χ^2/NDF : 19.3/24

Right Out: 4.921 ± 2.968 χ^2/NDF : 25.0/18

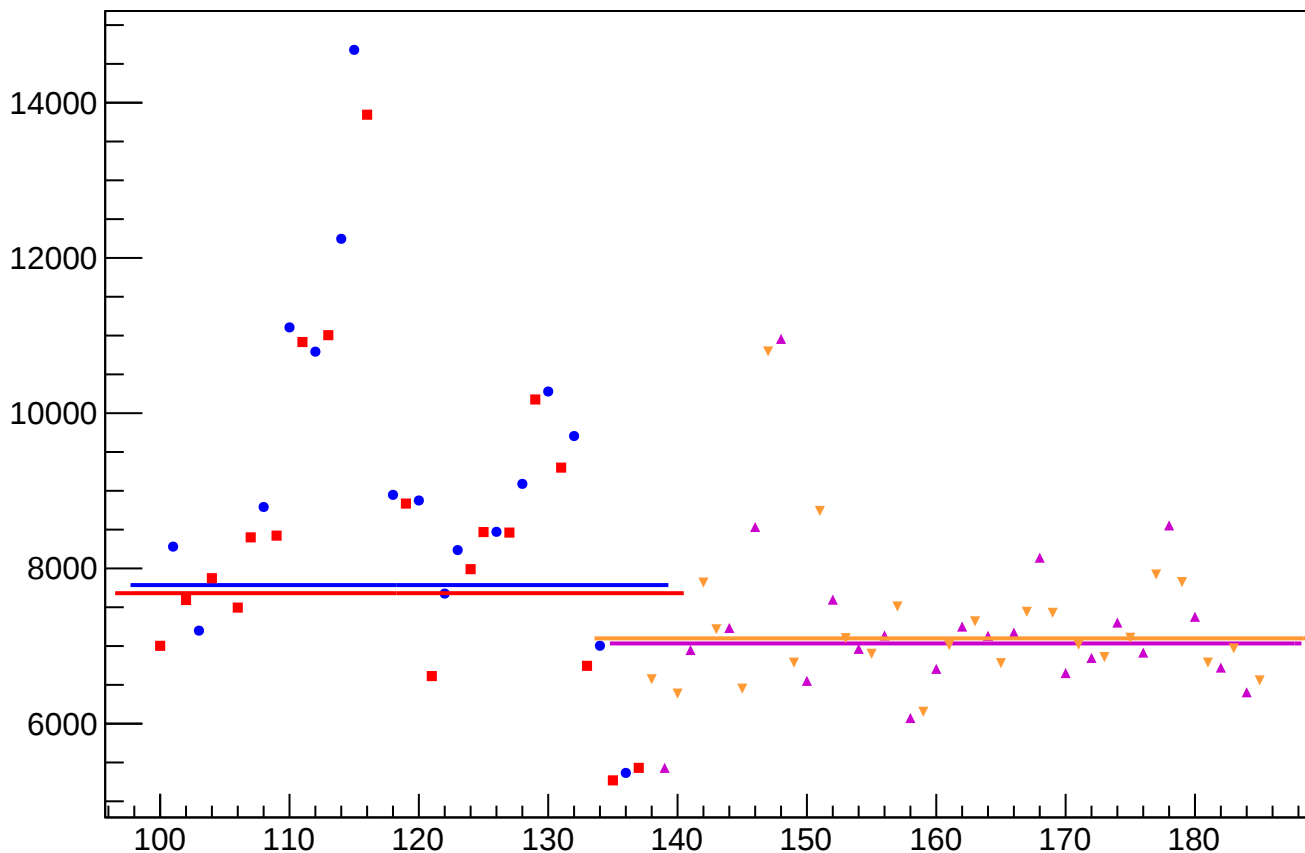
Left In: 1.291 ± 1.701 χ^2/NDF : 36.5/22

+ sign 2.224 ± 1.469 χ^2/NDF : 37.2/41

All: 2.206 ± 1.041 χ^2/NDF : 99.8/83

- sign 2.188 ± 1.476 χ^2/NDF : 62.6/41

diff_bpm4acY_rms vs Slug



Right In: 7785.499+/-2.201 χ^2/NDF : 738102.3/16

Left Out: 7099.090+/-1.178 χ^2/NDF : 382485.0/24

Right Out: 7681.068+/-2.099 χ^2/NDF : 672729.8/18

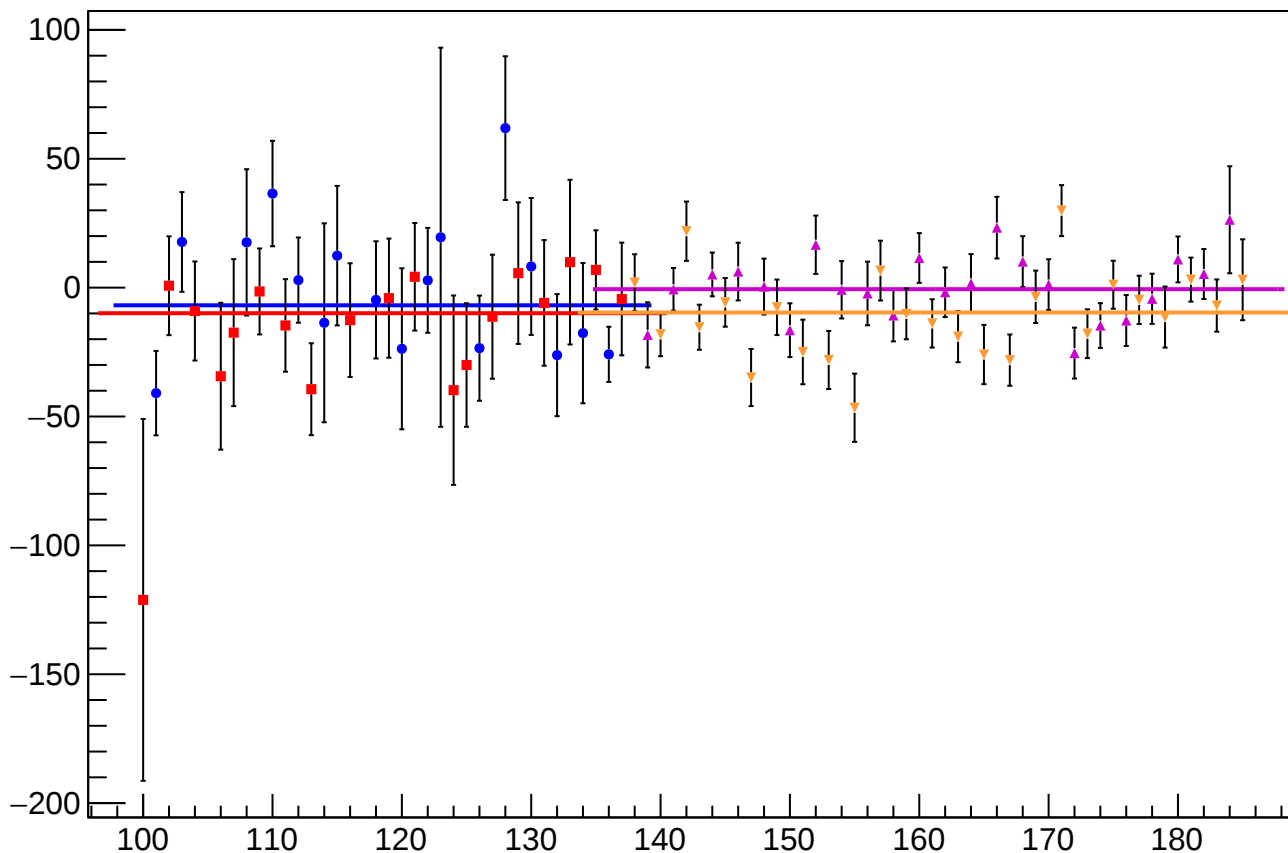
Left In: 7033.702+/-1.203 χ^2/NDF : 541035.5/22

+ sign 7252.034+/-1.039 χ^2/NDF : 1196200.3/41

All: 7223.003+/-0.736 χ^2/NDF : 2483142.6/83

- sign 7193.705+/-1.044 χ^2/NDF : 1285373.0/41

diff_bpm4ecX_mean vs Slug



Right In: -6.855 ± 5.113 χ^2/NDF : 23.8/16

Left Out: -9.654 ± 2.058 χ^2/NDF : 57.6/24

Right Out: -9.922 ± 5.084 χ^2/NDF : 10.6/18

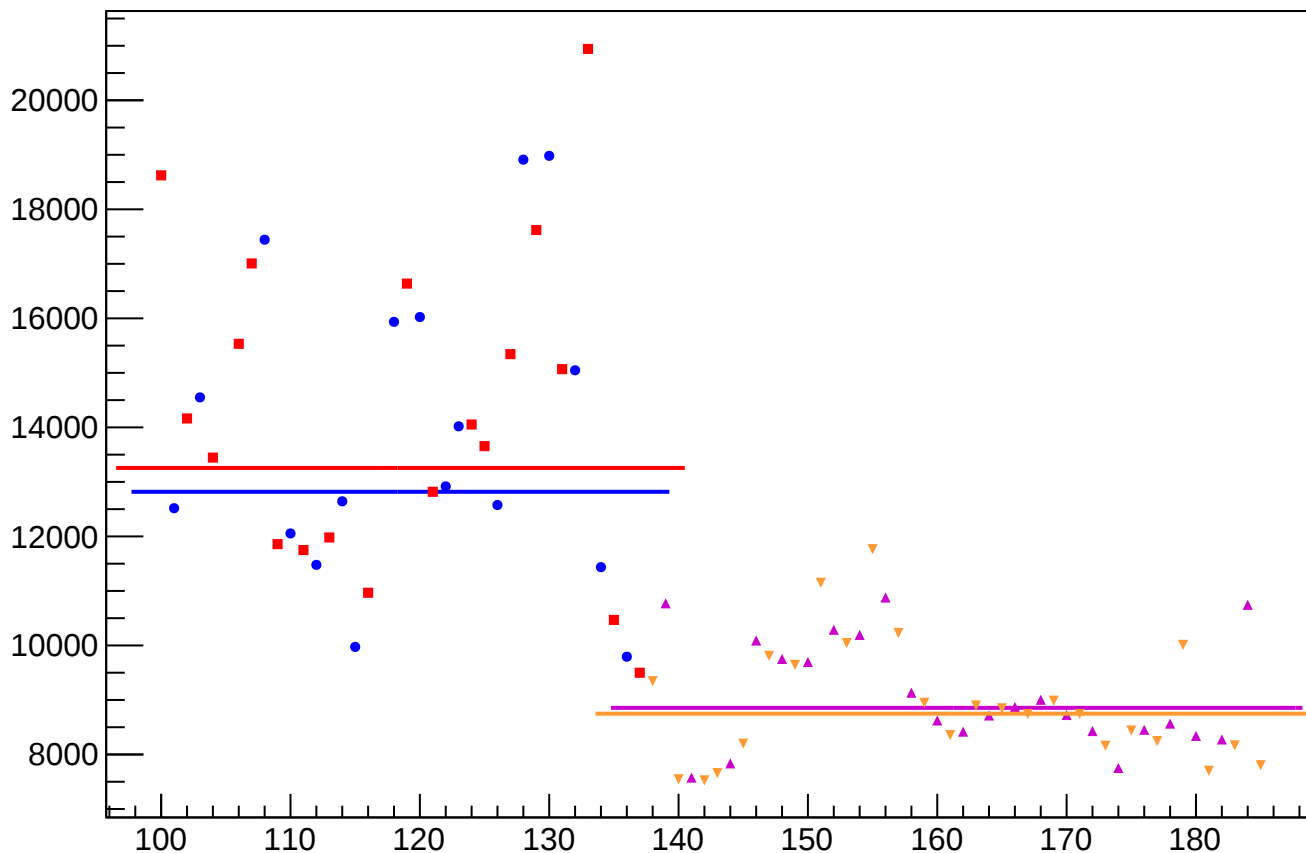
Left In: -0.599 ± 2.135 χ^2/NDF : 29.7/22

+ sign -9.264 ± 1.909 χ^2/NDF : 81.7/41

All: -5.742 ± 1.370 χ^2/NDF : 131.8/83

- sign -1.997 ± 1.969 χ^2/NDF : 43.1/41

diff_bpm4ecX_rms vs Slug



Right In: 12818.610+/-3.615 χ^2/NDF : 553065.0/16

Left Out: 8748.378+/-1.455 χ^2/NDF : 463449.1/24

Right Out: 13256.425+/-3.595 χ^2/NDF : 486011.2/18

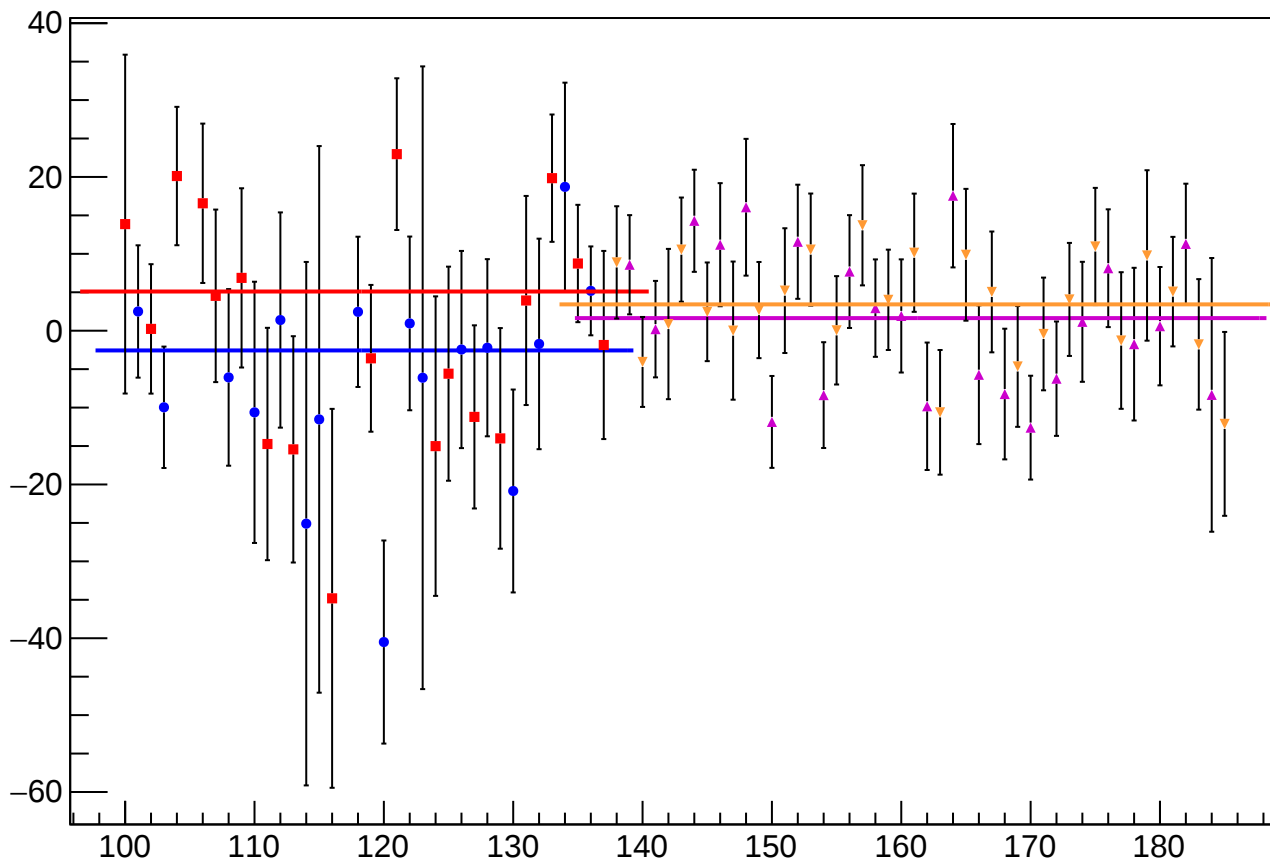
Left In: 8855.591+/-1.510 χ^2/NDF : 367542.7/22

+ sign 9315.634+/-1.350 χ^2/NDF : 2107302.2/41

All: 9412.382+/-0.969 χ^2/NDF : 4245244.1/83

- sign 9515.281+/-1.392 χ^2/NDF : 2127338.9/41

diff_bpm4ecY_mean vs Slug



Right In: -2.566 ± 2.752 χ^2/NDF : 16.9/16

Left Out: 3.426 ± 1.524 χ^2/NDF : 15.9/24

Right Out: 5.098 ± 2.595 χ^2/NDF : 24.0/18

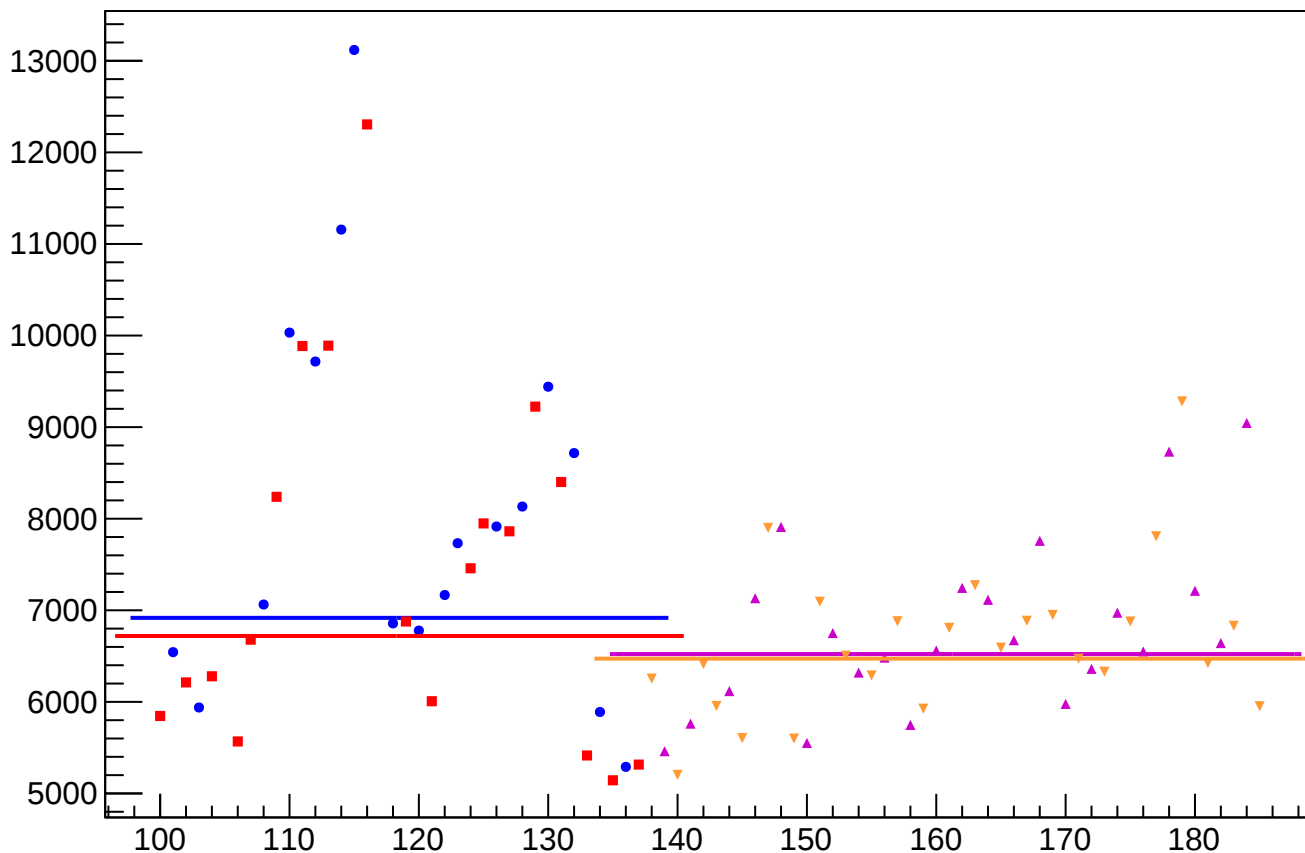
Left In: 1.638 ± 1.578 χ^2/NDF : 33.7/22

+ sign 2.019 ± 1.334 χ^2/NDF : 36.5/41

All: 2.293 ± 0.948 χ^2/NDF : 95.6/83

- sign 2.573 ± 1.348 χ^2/NDF : 59.0/41

diff_bpm4ecY_rms vs Slug



Right In: 6917.621+/-1.946 χ^2/NDF : 588010.6/16

Left Out: 6471.977+/-1.078 χ^2/NDF : 490311.5/24

Right Out: 6719.486+/-1.835 χ^2/NDF : 657829.3/18

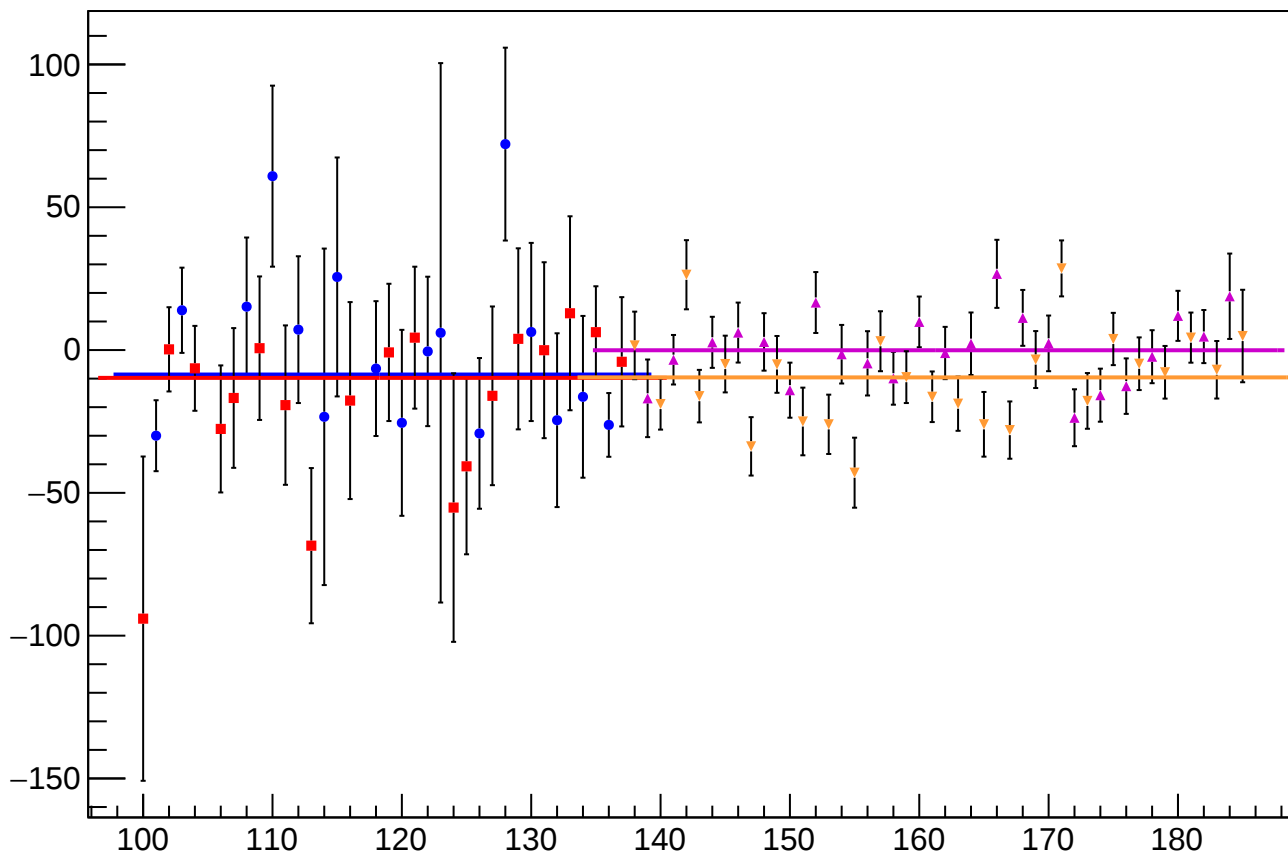
Left In: 6521.975+/-1.116 χ^2/NDF : 480034.7/22

+ sign 6576.627+/-0.943 χ^2/NDF : 1118455.4/41

All: 6575.972+/-0.670 χ^2/NDF : 2264781.5/83

- sign 6575.302+/-0.953 χ^2/NDF : 1146325.1/41

diff_bpm1X_mean vs Slug



Right In: -8.571 ± 5.419 χ^2/NDF : 21.9/16

Left Out: -9.574 ± 2.012 χ^2/NDF : 59.5/24

Right Out: -9.742 ± 5.521 χ^2/NDF : 12.7/18

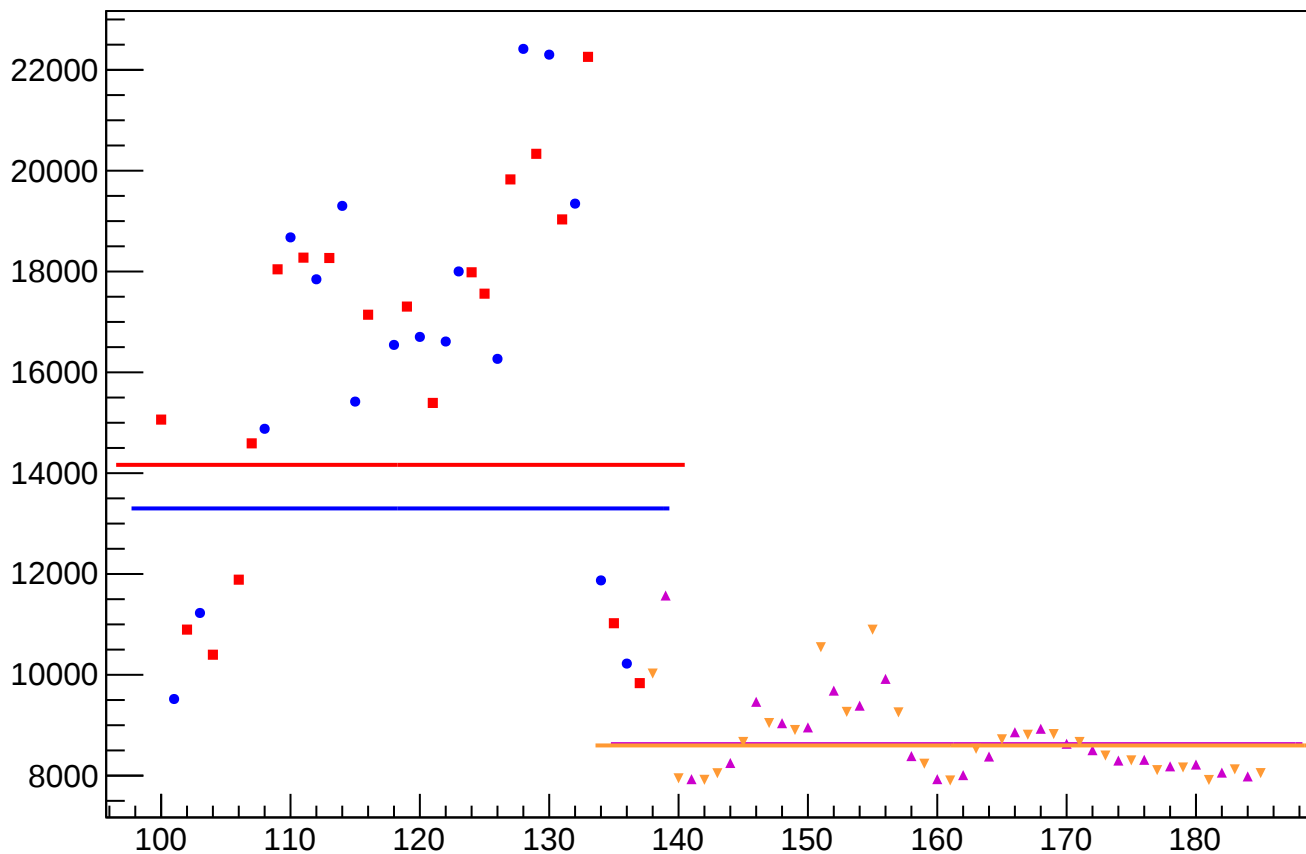
Left In: -0.072 ± 2.073 χ^2/NDF : 29.8/22

+ sign -9.453 ± 1.886 χ^2/NDF : 81.5/41

All: -5.476 ± 1.353 χ^2/NDF : 135.8/83

- sign -1.266 ± 1.940 χ^2/NDF : 45.2/41

diff_bpm1X_rms vs Slug



Right In: 13300.415+/-3.832 χ^2/NDF : 1048873.0/16

Left Out: 8598.871+/-1.423 χ^2/NDF : 249147.8/24

Right Out: 14164.824+/-3.904 χ^2/NDF : 931262.5/18

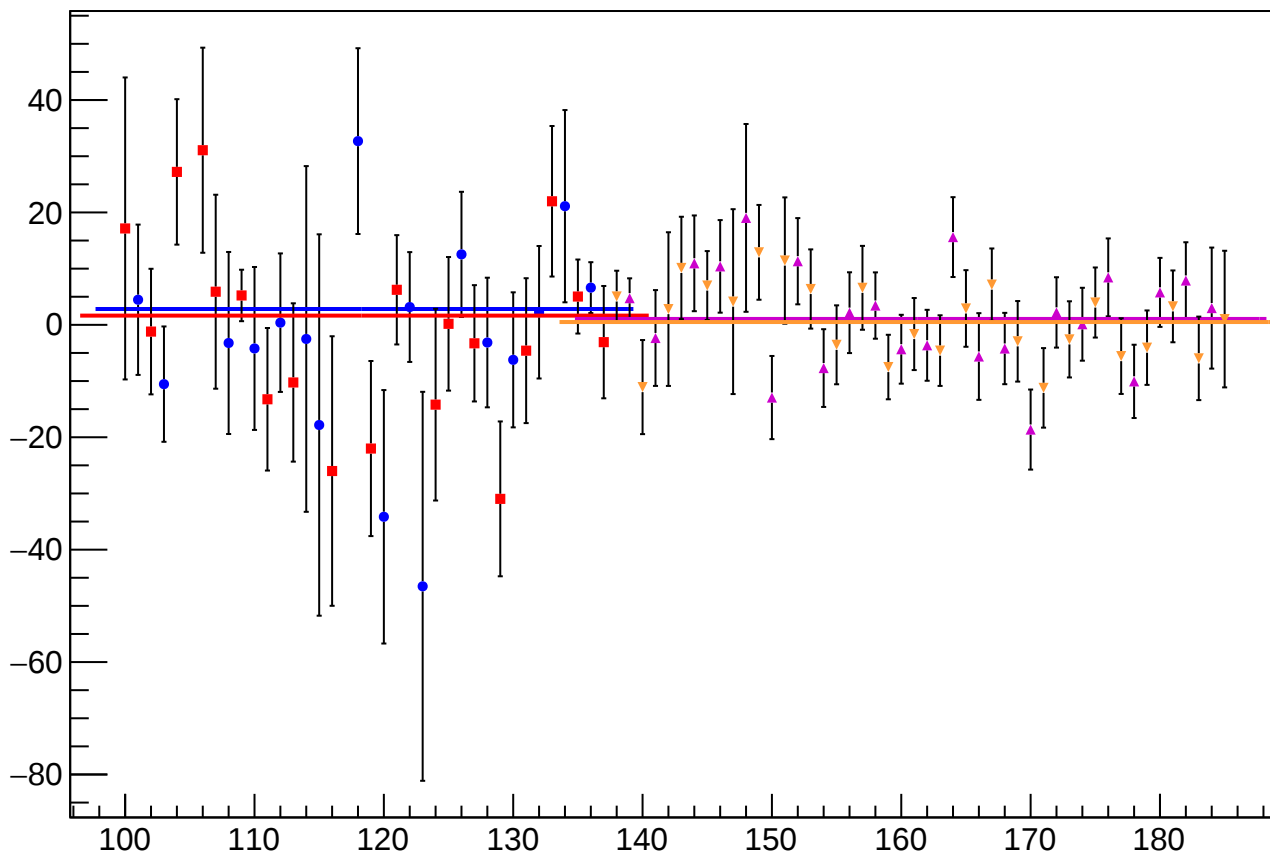
Left In: 8625.233+/-1.466 χ^2/NDF : 237310.9/22

+ sign 9168.525+/-1.334 χ^2/NDF : 2621237.9/41

All: 9237.046+/-0.956 χ^2/NDF : 5560028.4/83

- sign 9309.570+/-1.372 χ^2/NDF : 2933357.4/41

diff_bpm1Y_mean vs Slug



Right In: 2.820 ± 2.762 $\chi^2/\text{NDF}: 14.0/16$

Left Out: 0.502 ± 1.418 $\chi^2/\text{NDF}: 19.7/24$

Right Out: 1.643 ± 2.447 $\chi^2/\text{NDF}: 23.3/18$

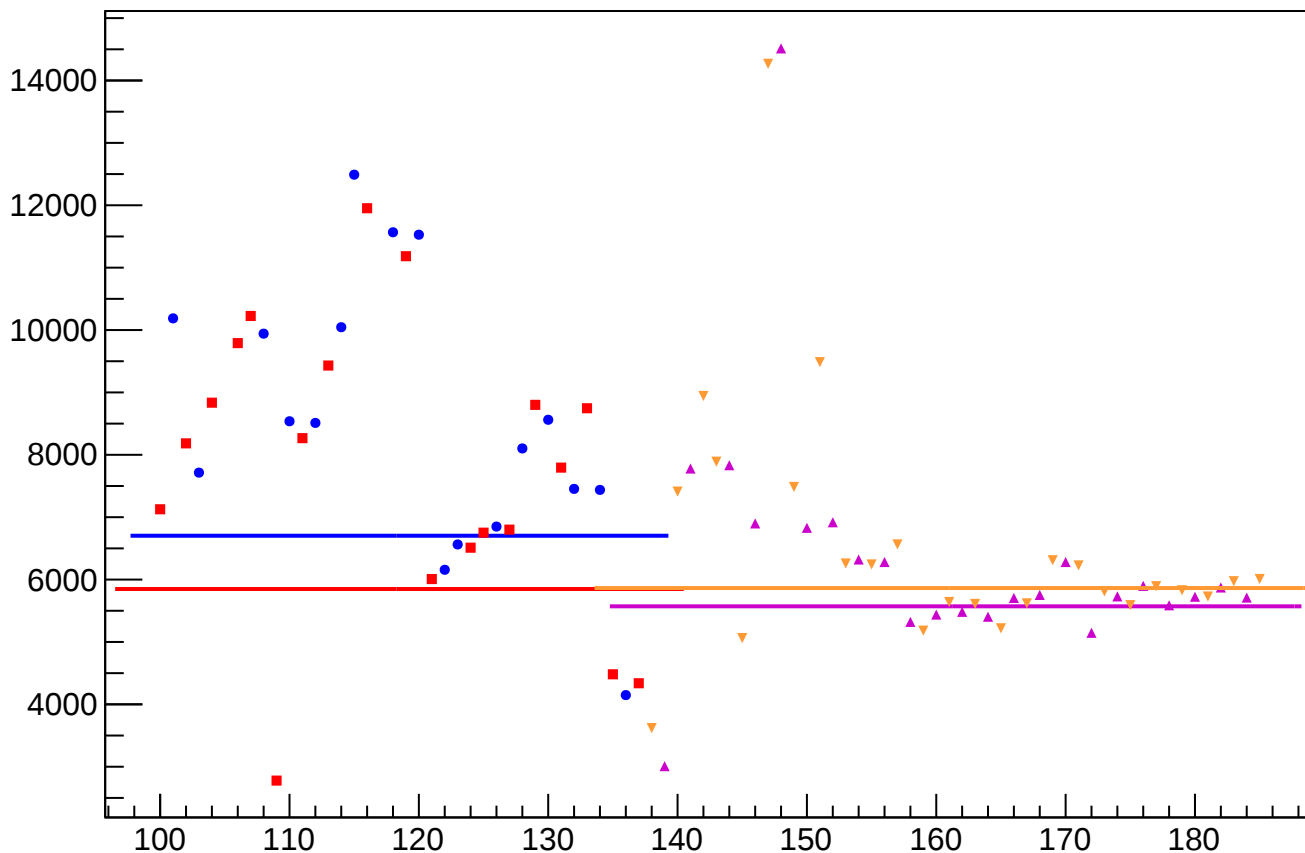
Left In: 1.050 ± 1.396 $\chi^2/\text{NDF}: 32.5/22$

+ sign 0.985 ± 1.262 $\chi^2/\text{NDF}: 34.2/41$

All: 1.094 ± 0.874 $\chi^2/\text{NDF}: 90.0/83$

- sign 1.195 ± 1.212 $\chi^2/\text{NDF}: 55.8/41$

diff_bpm1Y_rms vs Slug



Right In: 6702.778 $\pm$ 1.953 χ^2 /NDF: 1389564.7/16

Left Out: 5864.379 $\pm$ 1.003 χ^2 /NDF:1690496.2/24

Right Out: 5848.805 $\pm$ 1.731 χ^2 /NDF: 2281985.9/18

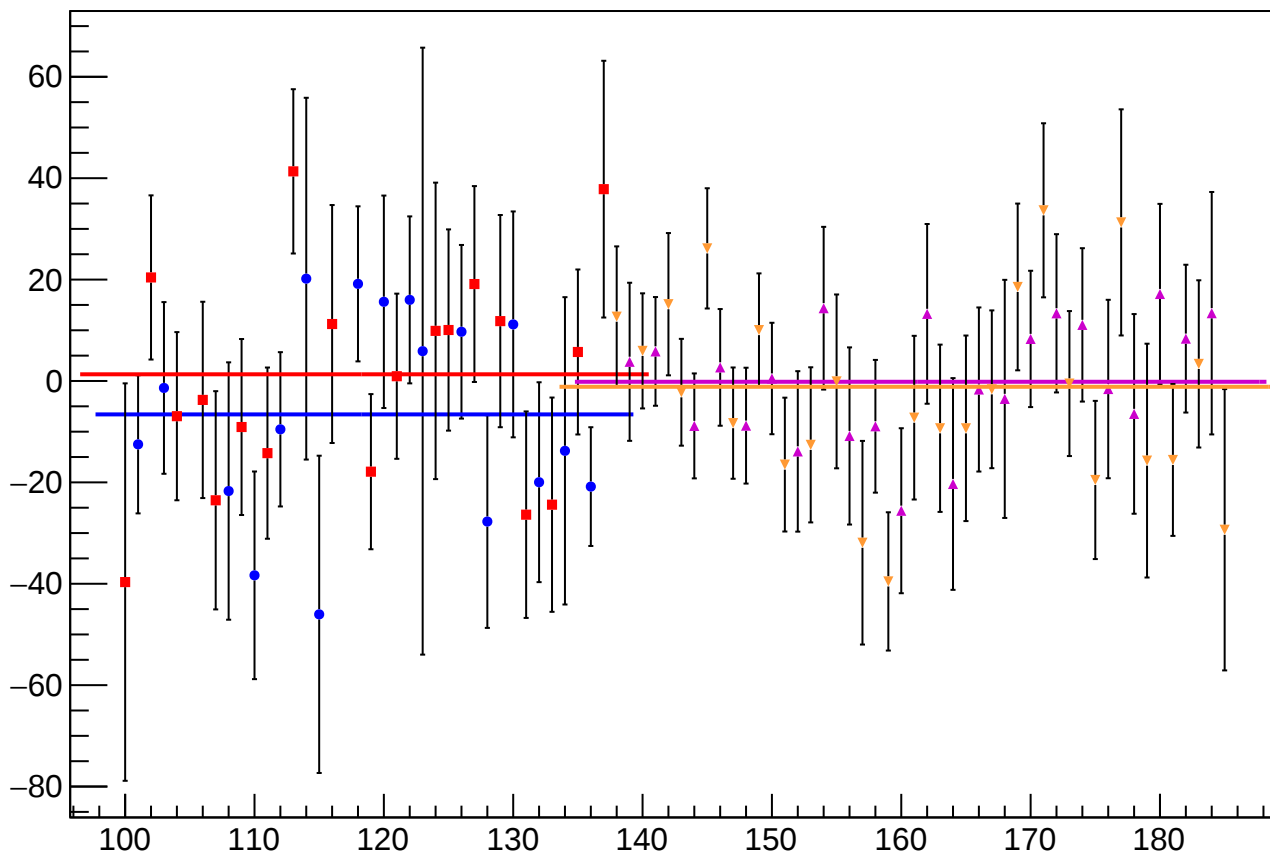
Left In: 5571.330 $\pm$ 0.987 χ^2 /NDF:2162788.3/22

+ sign 6039.310 $\pm$ 0.892 χ^2 /NDF: 3225841.3/41

All: 5831.356 $\pm$ 0.618 χ^2 /NDF: 7794469.9/83

- sign 5639.414 $\pm$ 0.857 χ^2 /NDF: 4464174.8/41

diff_bpm11X_mean vs Slug



Right In: -6.592 ± 4.559 χ^2/NDF : 15.7/16

Left Out: -1.146 ± 2.939 χ^2/NDF : 33.7/24

Right Out: 1.319 ± 4.382 χ^2/NDF : 20.1/18

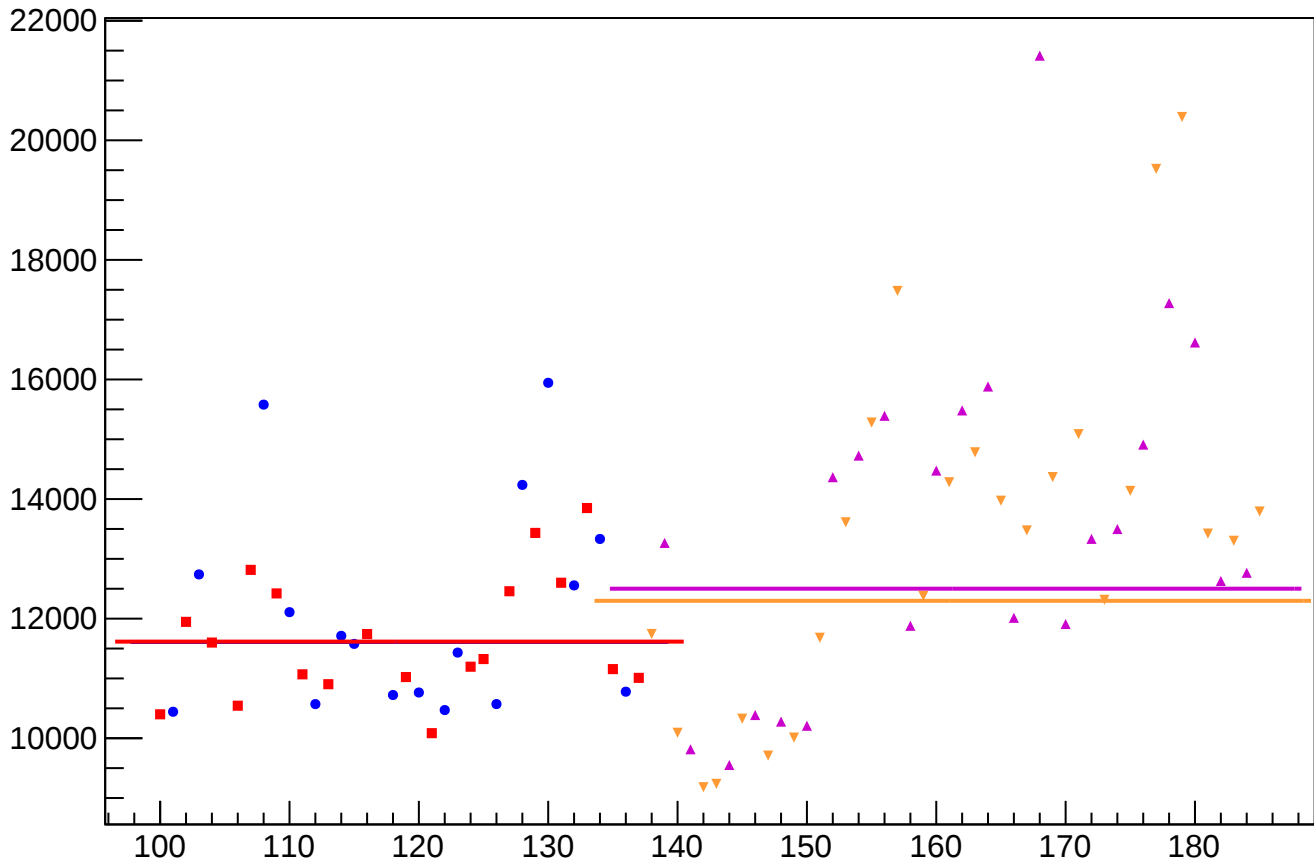
Left In: -0.157 ± 3.058 χ^2/NDF : 11.5/22

+ sign -2.745 ± 2.470 χ^2/NDF : 50.4/41

All: -1.232 ± 1.760 χ^2/NDF : 82.8/83

- sign 0.327 ± 2.508 χ^2/NDF : 31.6/41

diff_bpm11X_rms vs Slug



Right In: 11609.845 $\pm$ 3.224 χ^2 /NDF: 238142.5/16

Left Out: 12298.149 $\pm$ 2.078 χ^2 /NDF:1505819.8/24

Right Out: 11615.563 $\pm$ 3.099 χ^2 /NDF: 95603.2/18

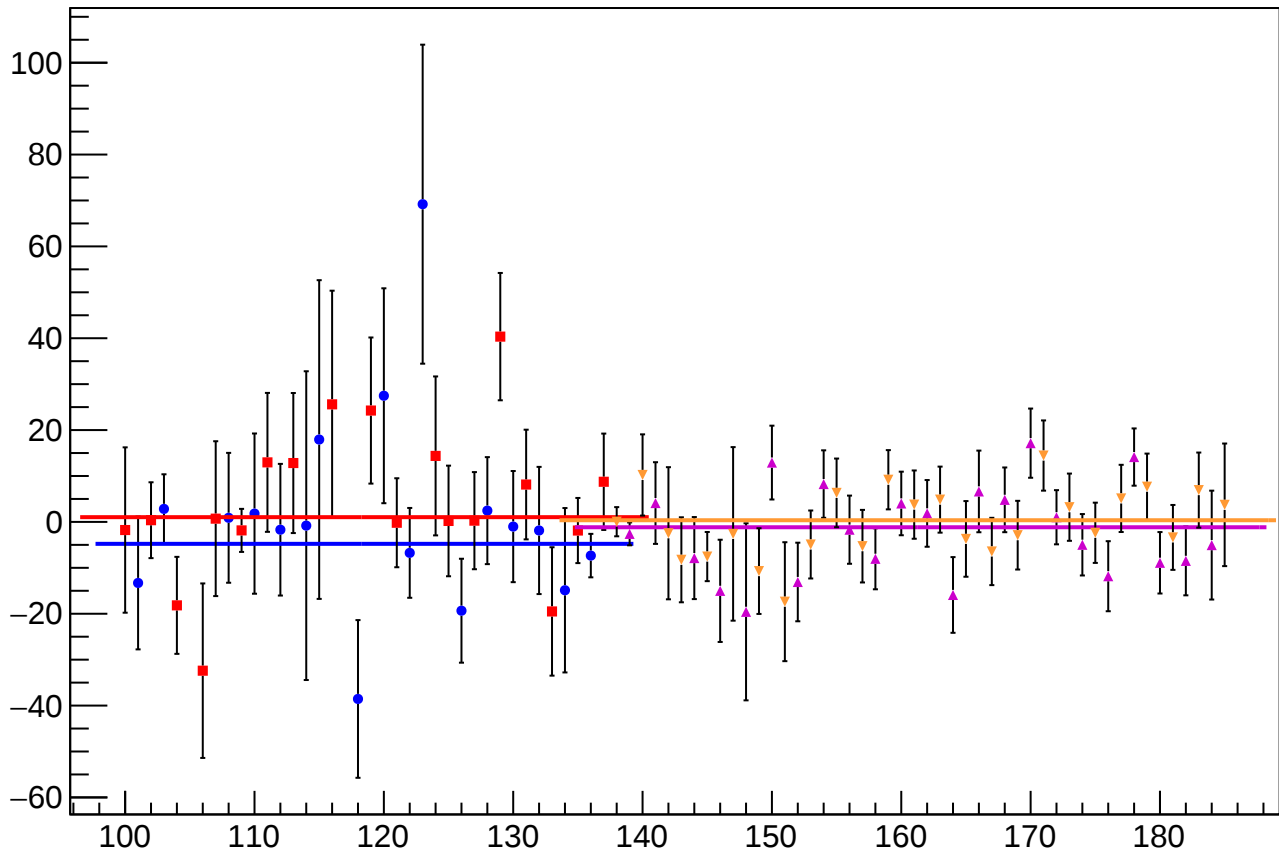
Left In: 12500.795 $\pm$ 2.162 χ^2 /NDF:1357889.1/22

+ sign 12096.089 $\pm$ 1.747 χ^2 /NDF: 1776162.8/41

All: 12152.634 $\pm$ 1.244 χ^2 /NDF: 3286665.0/8

- sign 12210.909 $\pm$ 1.773 χ^2 /NDF: 1508374.4/41

diff_bpm11Y_mean vs Slug



Right In: -4.776 ± 2.787 χ^2/NDF : 15.3/16

Left Out: 0.363 ± 1.435 χ^2/NDF : 19.2/24

Right Out: 1.032 ± 2.434 χ^2/NDF : 23.0/18

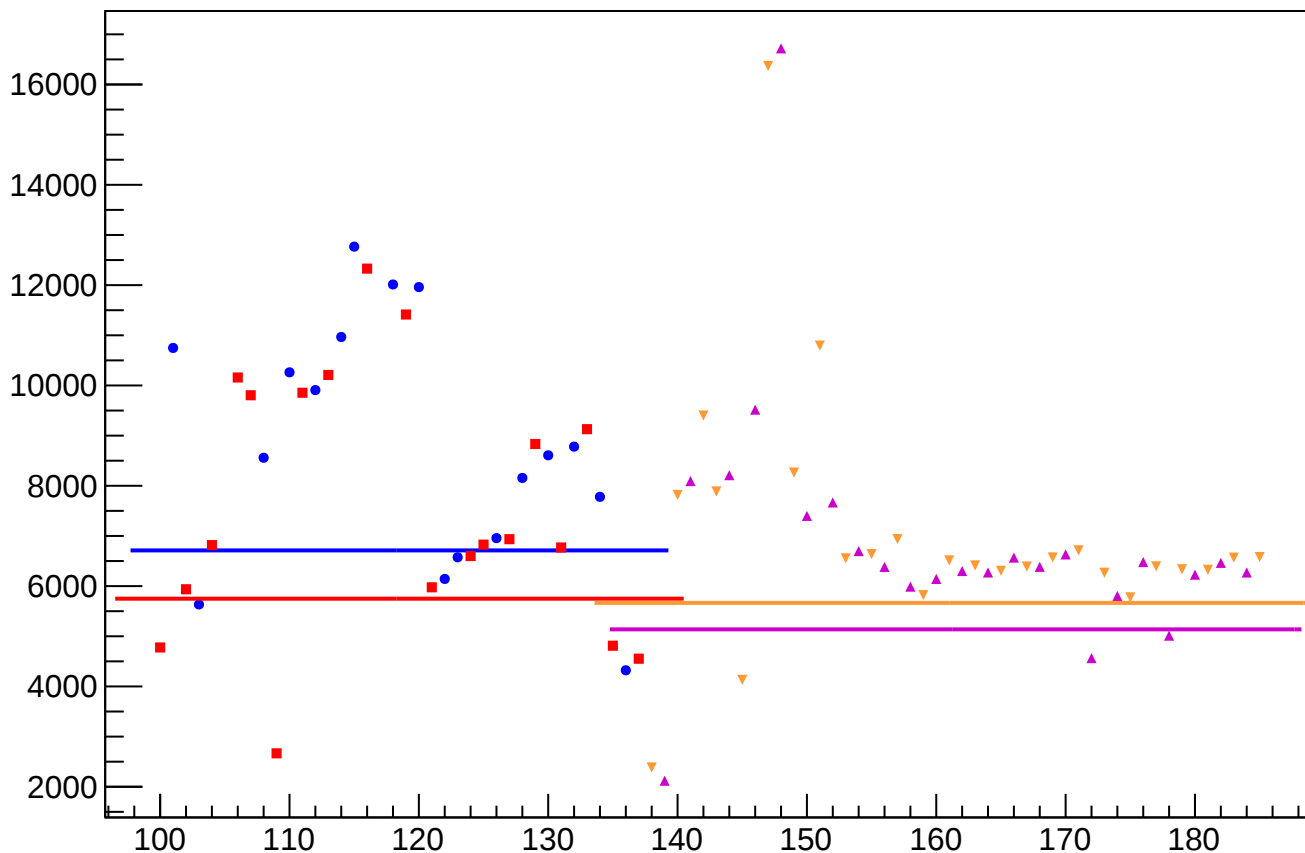
Left In: -1.165 ± 1.371 χ^2/NDF : 33.6/22

+ sign -0.714 ± 1.276 χ^2/NDF : 37.2/41

All: -0.672 ± 0.872 χ^2/NDF : 94.4/83

- sign -0.635 ± 1.195 χ^2/NDF : 57.2/41

diff_bpm11Y_rms vs Slug



Right In: 6711.784+/-1.971 χ^2/NDF : 1446319.6/16

Left Out: 5665.697+/-1.015 χ^2/NDF : 4139194.0/24

Right Out: 5749.579+/-1.721 χ^2/NDF : 2167509.2/18

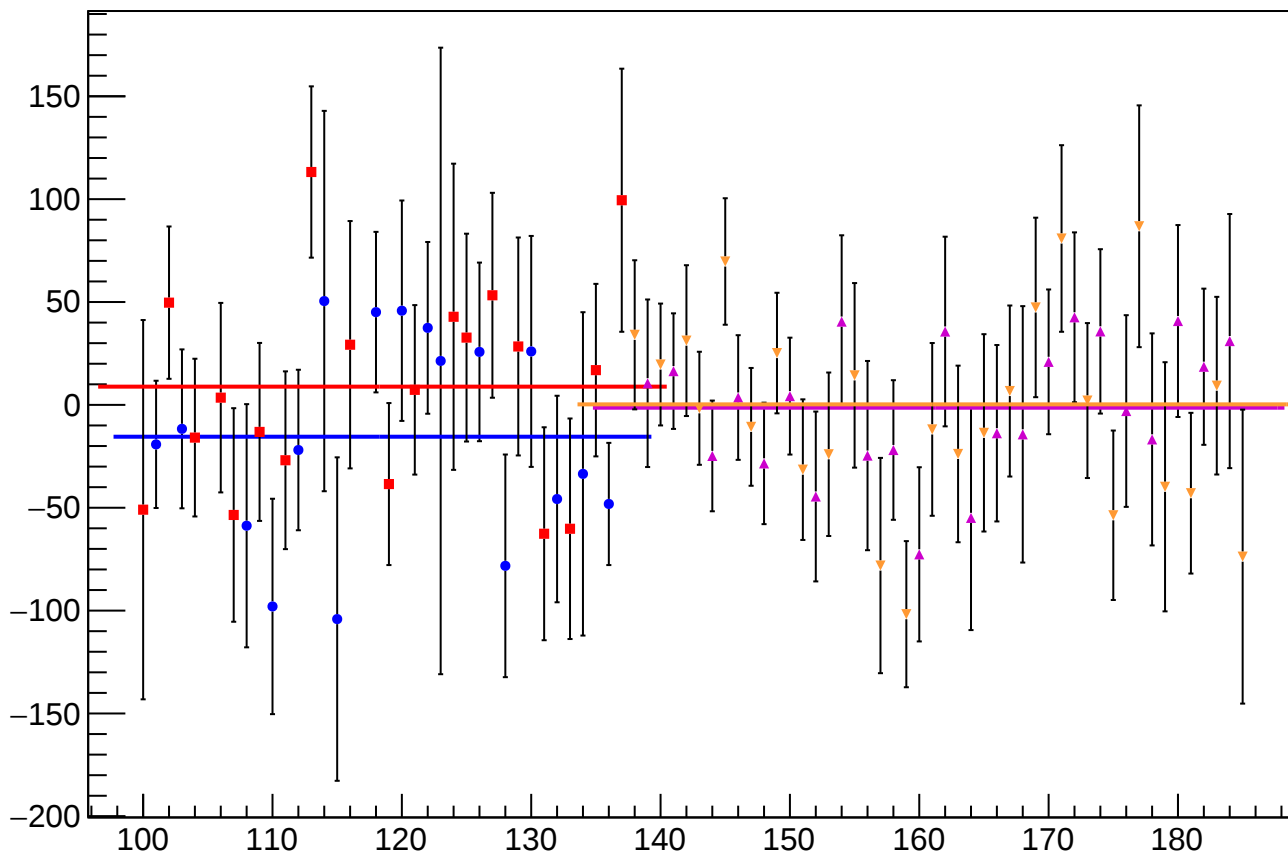
Left In: 5137.772+/-0.970 χ^2/NDF : 5495609.7/22

+ sign 5884.801+/-0.902 χ^2/NDF : 5808209.8/41

All: 5565.400+/-0.617 χ^2/NDF : 13802633.3/80

- sign 5285.232+/-0.845 χ^2/NDF : 7759058.8/41

diff_bpm12X_mean vs Slug



Right In: -15.474 ± 11.317 χ^2/NDF : 14.7/16

Left Out: 0.252 ± 7.684 χ^2/NDF : 31.3/24

Right Out: 8.865 ± 10.914 χ^2/NDF : 19.3/18

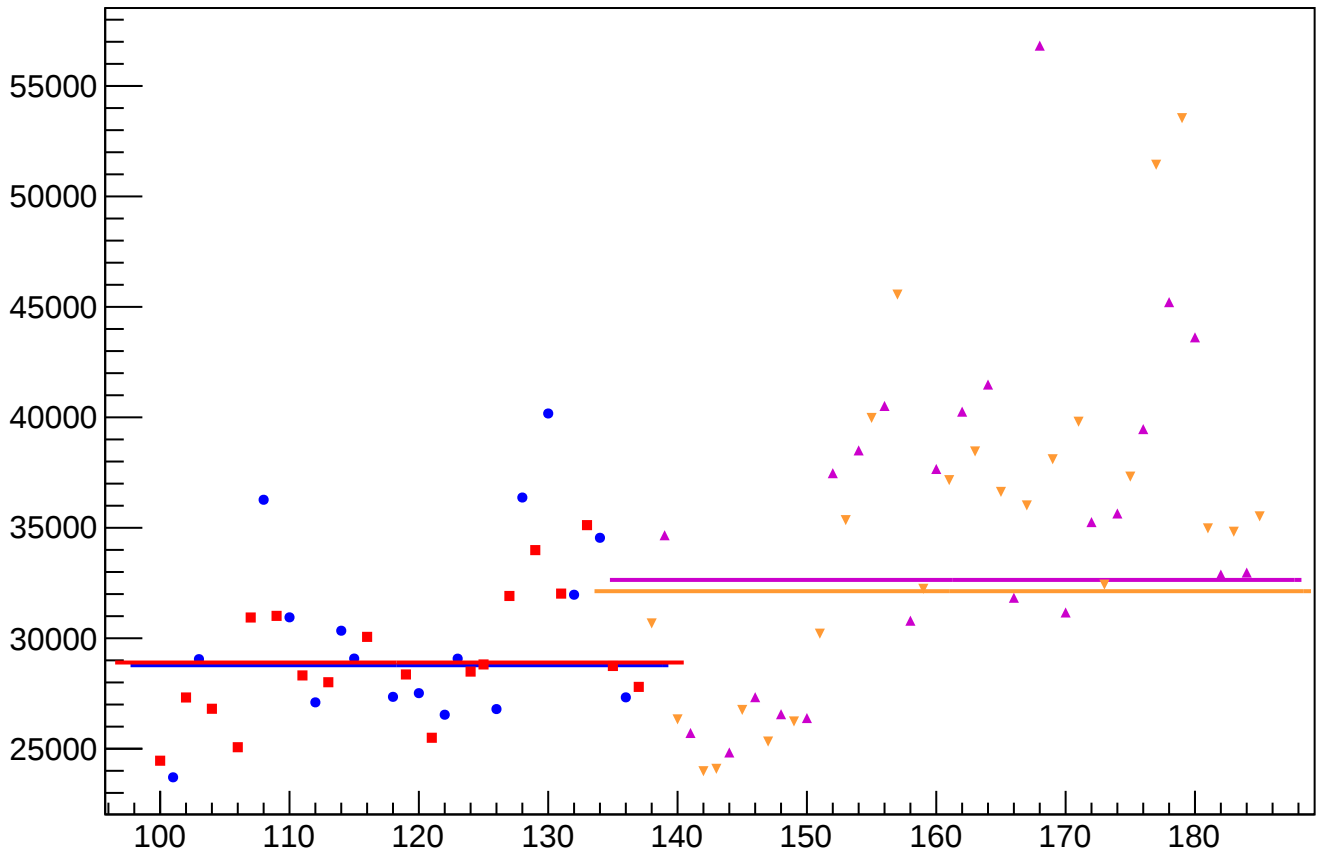
Left In: -1.374 ± 7.990 χ^2/NDF : 13.3/22

+ sign -4.710 ± 6.357 χ^2/NDF : 47.3/41

All: -1.304 ± 4.527 χ^2/NDF : 81.0/83

- sign 2.199 ± 6.447 χ^2/NDF : 33.1/41

diff_bpm12X_rms vs Slug



Right In: 28779.223+/-8.003 χ^2/NDF : 252972.7/16

Left Out: 32130.905+/-5.433 χ^2/NDF : 1539862.1/24

Right Out: 28902.401+/-7.717 χ^2/NDF : 112698.1/18

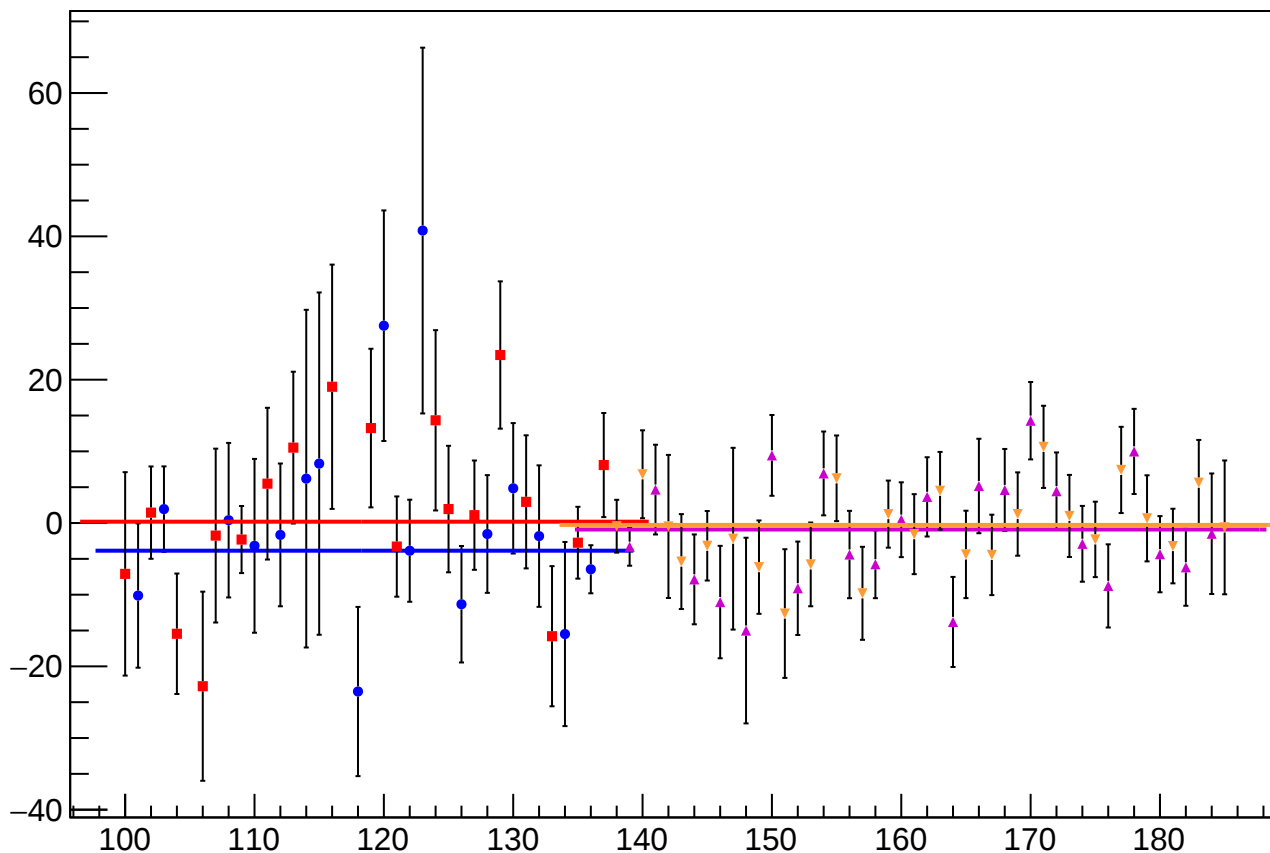
Left In: 32641.162+/-5.650 χ^2/NDF : 1402162.4/22

+ sign 31073.363+/-4.495 χ^2/NDF : 1912902.7/41

All: 31203.073+/-3.201 χ^2/NDF : 3582257.4/8

- sign 31336.480+/-4.559 χ^2/NDF : 1667665.7/41

diff_bpm12Y_mean vs Slug



Right In: -3.861 ± 2.014 χ^2/NDF : 14.9/16

Left Out: -0.265 ± 1.172 χ^2/NDF : 18.0/24

Right Out: 0.185 ± 1.897 χ^2/NDF : 21.9/18

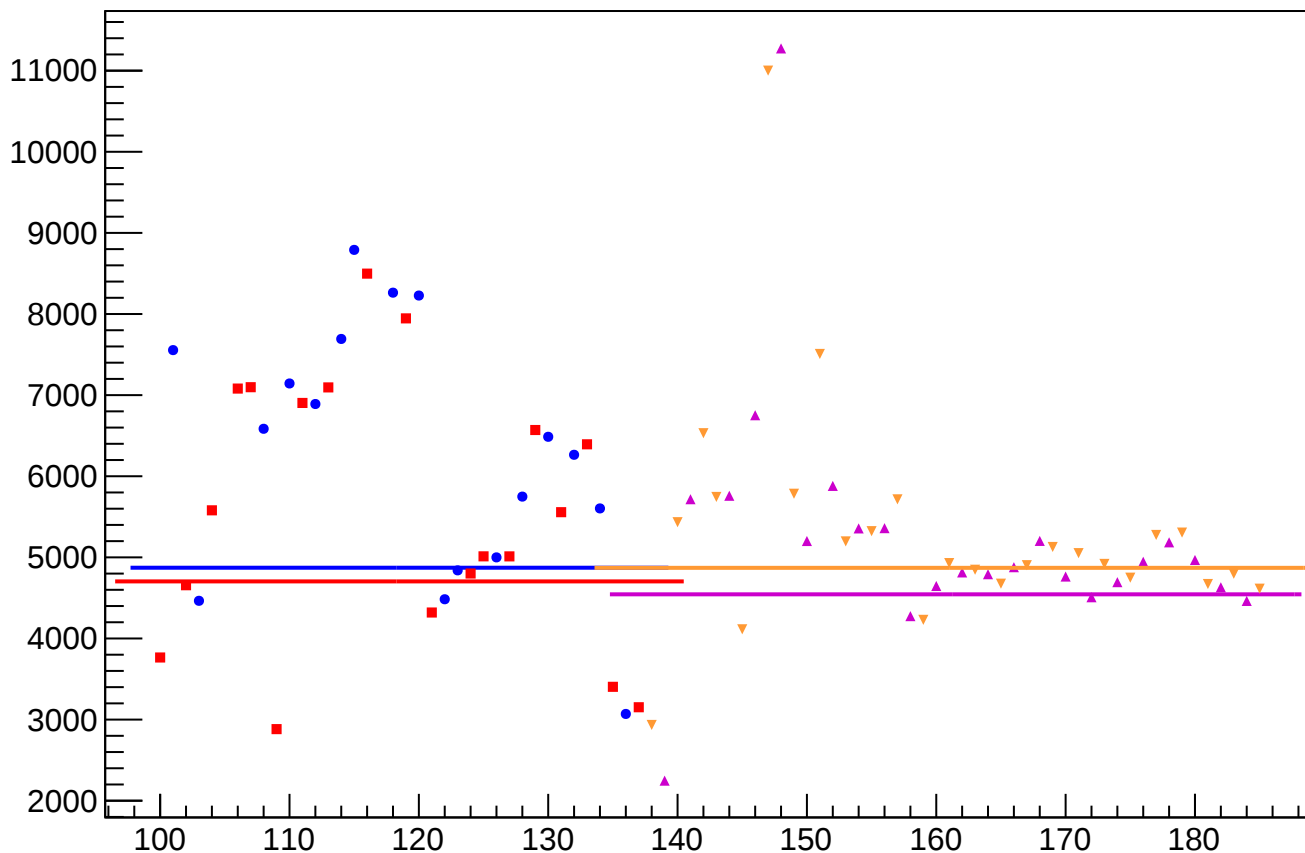
Left In: -0.908 ± 1.142 χ^2/NDF : 36.2/22

+ sign -1.175 ± 1.013 χ^2/NDF : 35.3/41

All: -0.886 ± 0.704 χ^2/NDF : 93.8/83

- sign -0.617 ± 0.978 χ^2/NDF : 58.3/41

diff_bpm12Y_rms vs Slug



Right In: 4872.339+/-1.424 χ^2/NDF : 1404599.6/16

Left Out: 4870.872+/-0.829 χ^2/NDF : 1510492.9/24

Right Out: 4703.667+/-1.341 χ^2/NDF : 1315659.7/18

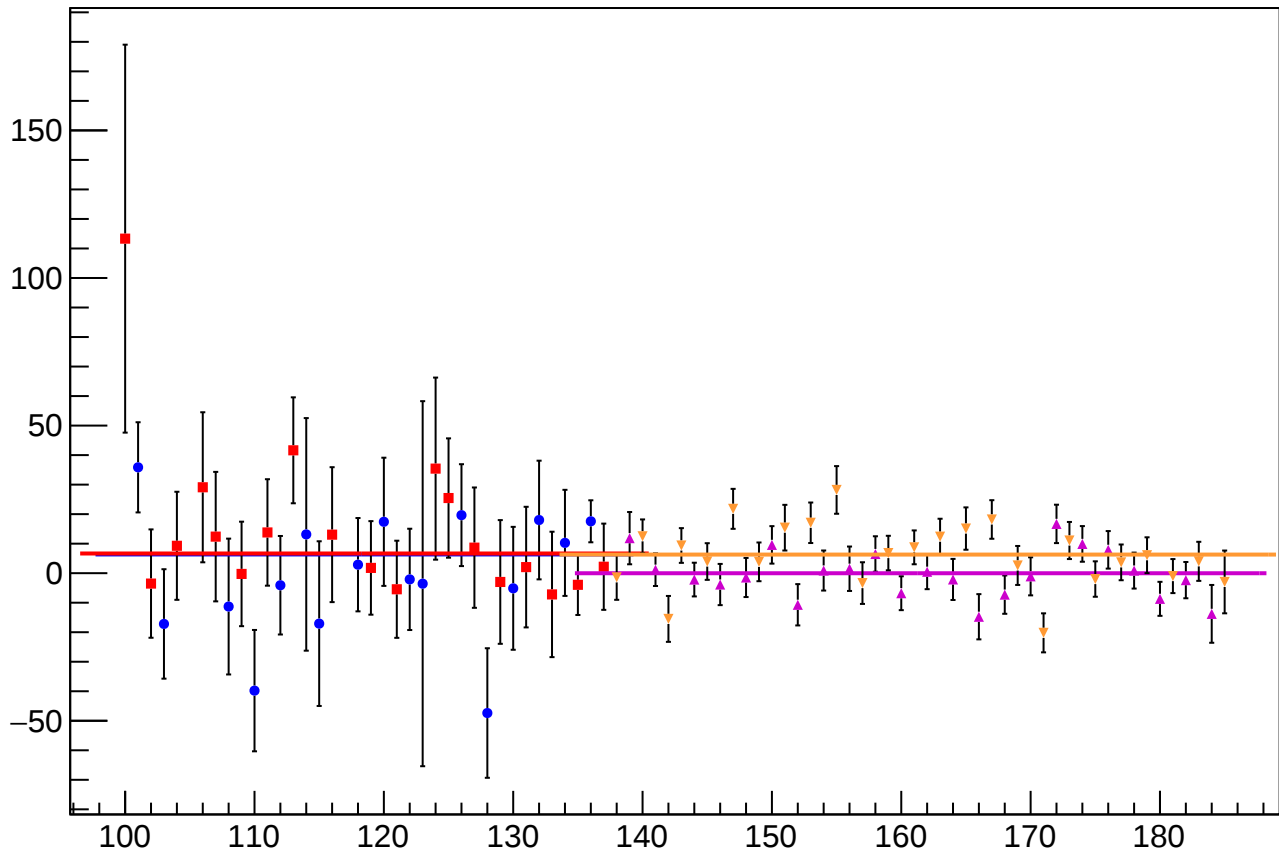
Left In: 4544.337+/-0.808 χ^2/NDF : 2634314.4/22

+ sign 4871.244+/-0.716 χ^2/NDF : 2915093.3/41

All: 4724.043+/-0.498 χ^2/NDF : 6957028.2/83

- sign 4586.736+/-0.692 χ^2/NDF : 3960330.7/41

diff_bpm16X_mean vs Slug



Right In: 6.348 ± 4.088 χ^2/NDF : 22.4/16

Left Out: 6.303 ± 1.310 χ^2/NDF : 56.5/24

Right Out: 6.668 ± 4.232 χ^2/NDF : 12.2/18

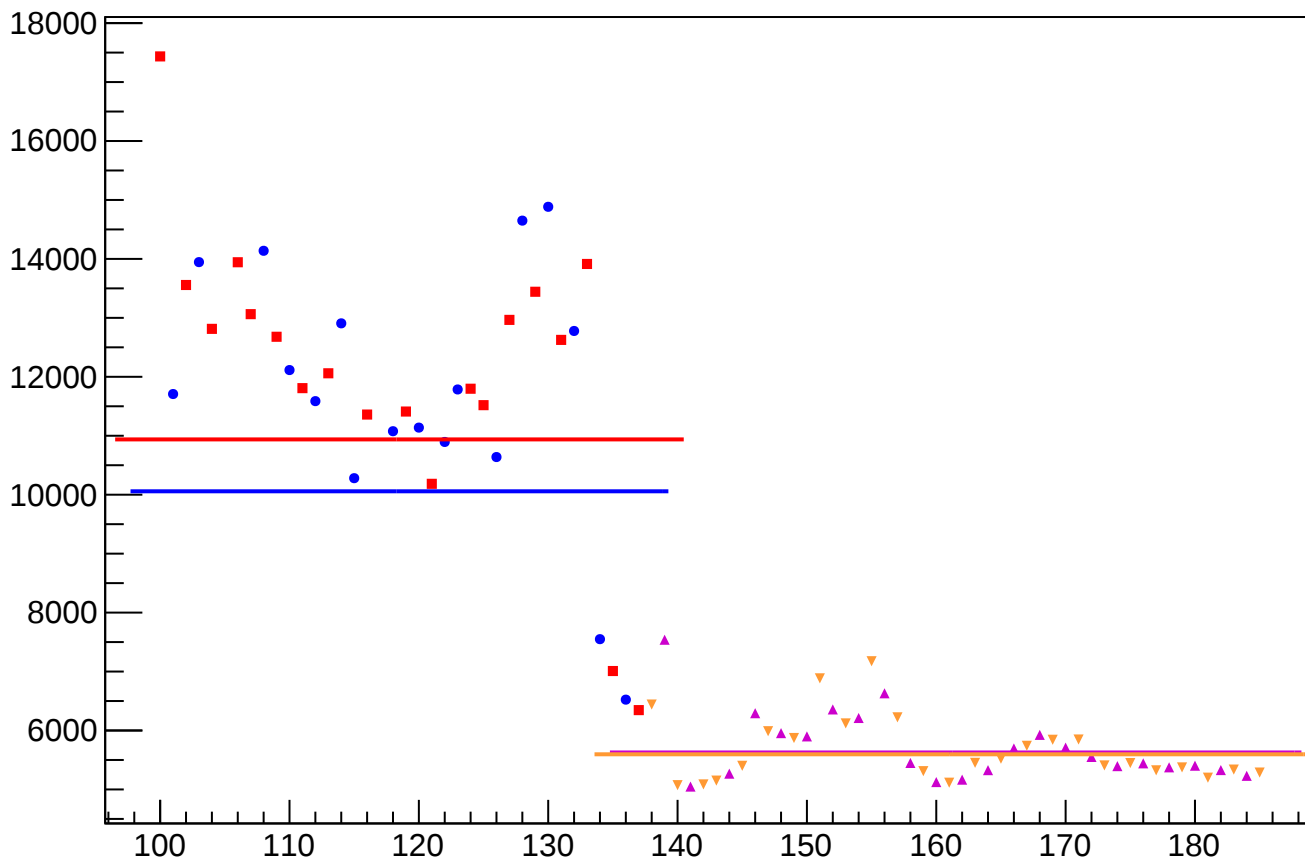
Left In: -0.020 ± 1.353 χ^2/NDF : 29.9/22

+ sign 6.307 ± 1.248 χ^2/NDF : 78.9/41

All: 3.546 ± 0.896 χ^2/NDF : 133.5/83

- sign 0.600 ± 1.289 χ^2/NDF : 44.4/41

diff_bpm16X_rms vs Slug



Right In: 10057.738 $\pm$ 2.891 χ^2 /NDF: 1007657.1/16

Left Out: 5596.288 $\pm$ 0.927 χ^2 /NDF: 284064.2/24

Right Out: 10938.028 $\pm$ 2.993 χ^2 /NDF: 764124.4/18

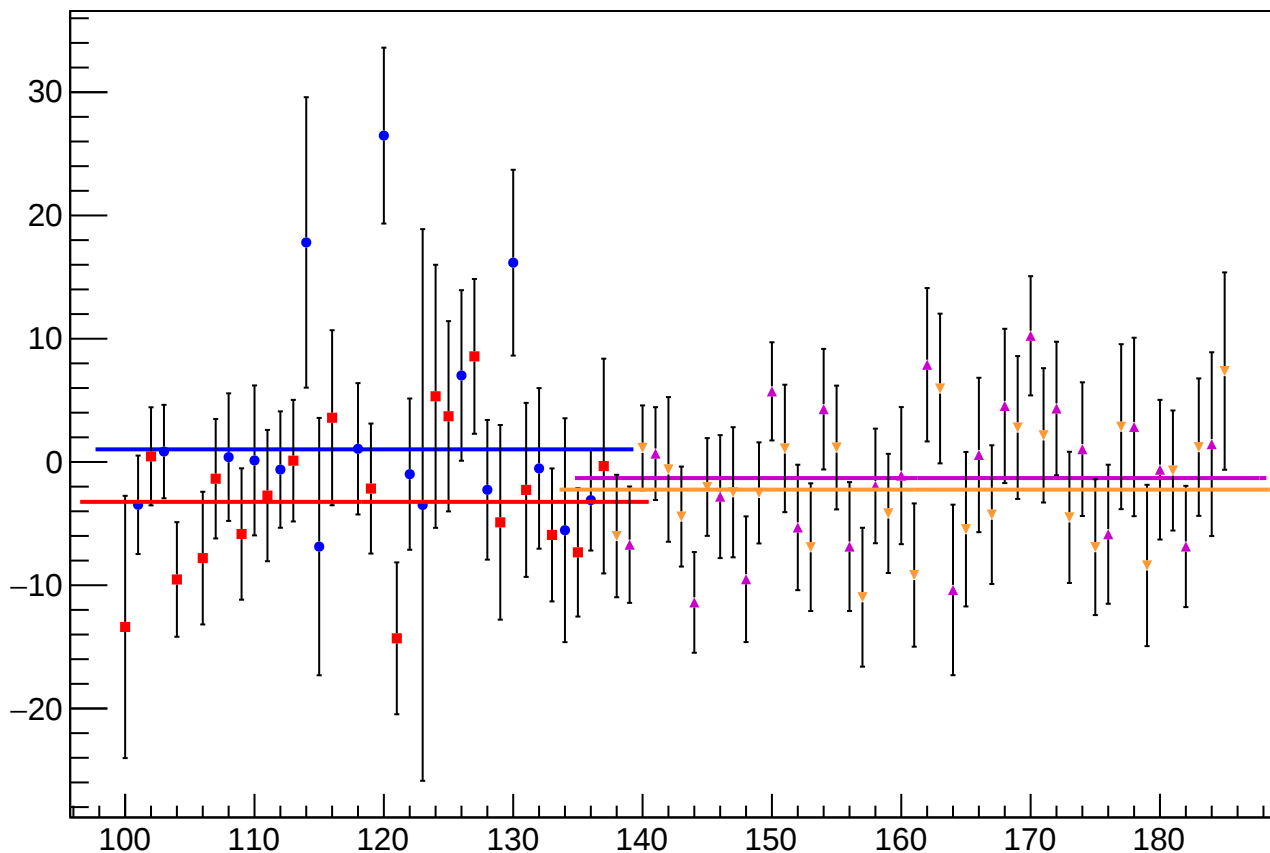
Left In: 5627.283 $\pm$ 0.957 χ^2 /NDF: 279318.7/22

+ sign 6011.862 $\pm$ 0.882 χ^2 /NDF: 3451420.8/41

All: 6064.067 $\pm$ 0.634 χ^2 /NDF: 7359182.6/83

- sign 6119.760 $\pm$ 0.911 χ^2 /NDF: 3900526.5/41

diff_bpm16Y_mean vs Slug



Right In: 1.024 ± 1.405 χ^2/NDF : 23.6/16

Left Out: -2.242 ± 1.030 χ^2/NDF : 15.5/24

Right Out: -3.235 ± 1.336 χ^2/NDF : 15.4/18

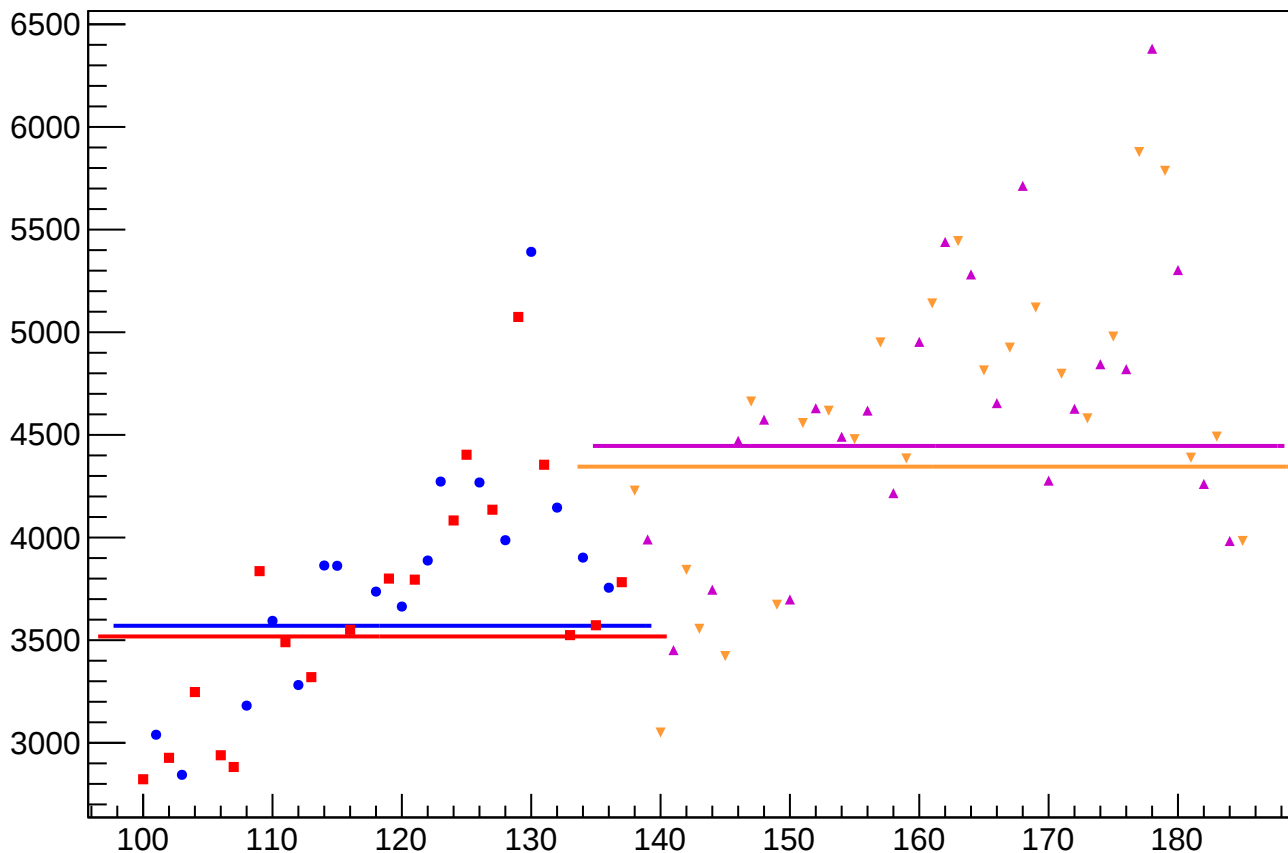
Left In: -1.305 ± 1.077 χ^2/NDF : 30.8/22

+ sign -1.101 ± 0.831 χ^2/NDF : 42.6/41

All: -1.579 ± 0.590 χ^2/NDF : 90.8/83

- sign -2.065 ± 0.838 χ^2/NDF : 47.5/41

diff_bpm16Y_rms vs Slug



Right In: 3570.193 $\pm$ 0.994 χ^2 /NDF: 310317.2/16

Left Out: 4345.278 $\pm$ 0.728 χ^2 /NDF: 1000587.8/24

Right Out: 3518.219 $\pm$ 0.944 χ^2 /NDF: 296342.1/18

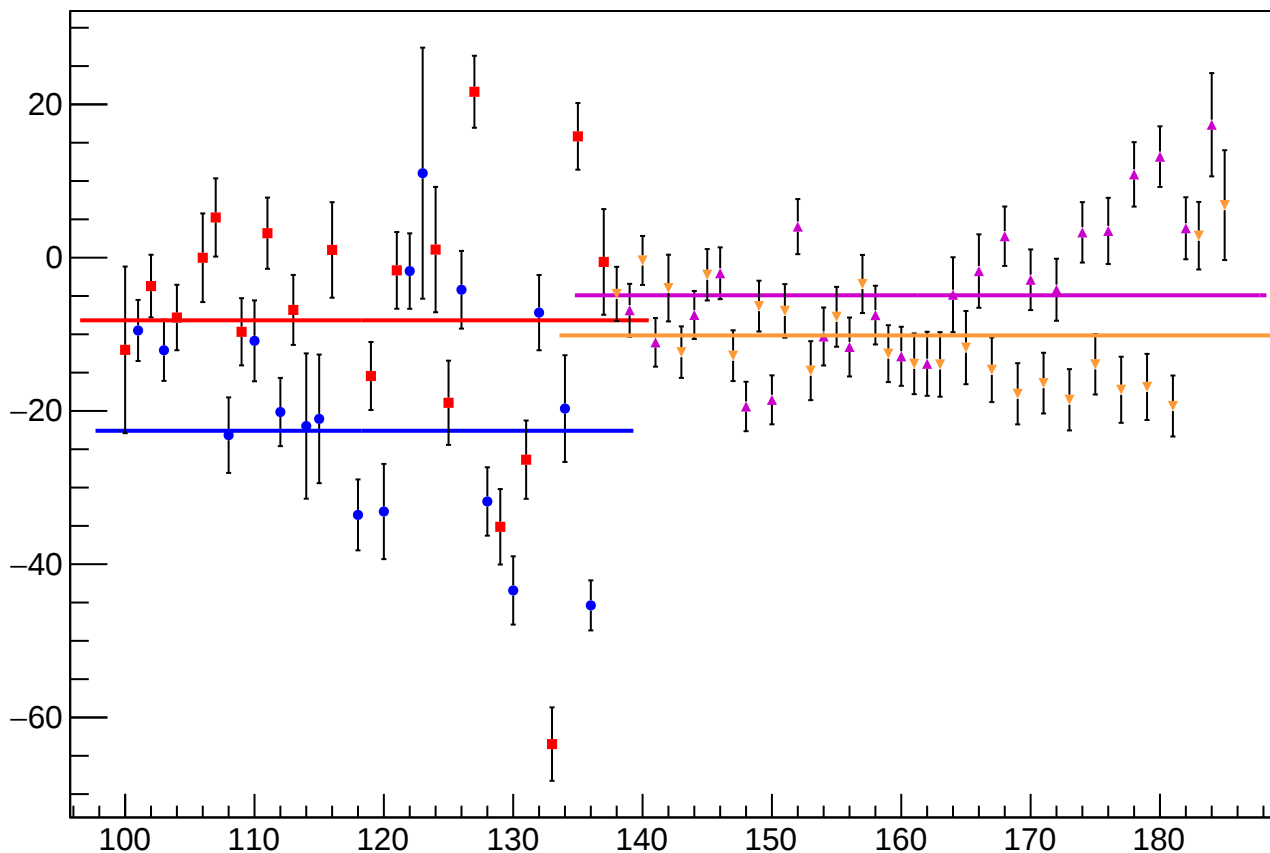
Left In: 4446.181 $\pm$ 0.762 χ^2 /NDF: 702797.6/22

+ sign 4074.569 $\pm$ 0.587 χ^2 /NDF: 1706812.0/41

All: 4077.533 $\pm$ 0.417 χ^2 /NDF: 3290959.0/83

- sign 4080.555 $\pm$ 0.593 χ^2 /NDF: 1584095.6/41

diff_bpm0l01X_mean vs Slug



Right In: -22.588 ± 1.203 χ^2/NDF : 151.6/16

Left Out: -10.145 ± 0.776 χ^2/NDF : 67.1/24

Right Out: -8.176 ± 1.159 χ^2/NDF : 275.9/18

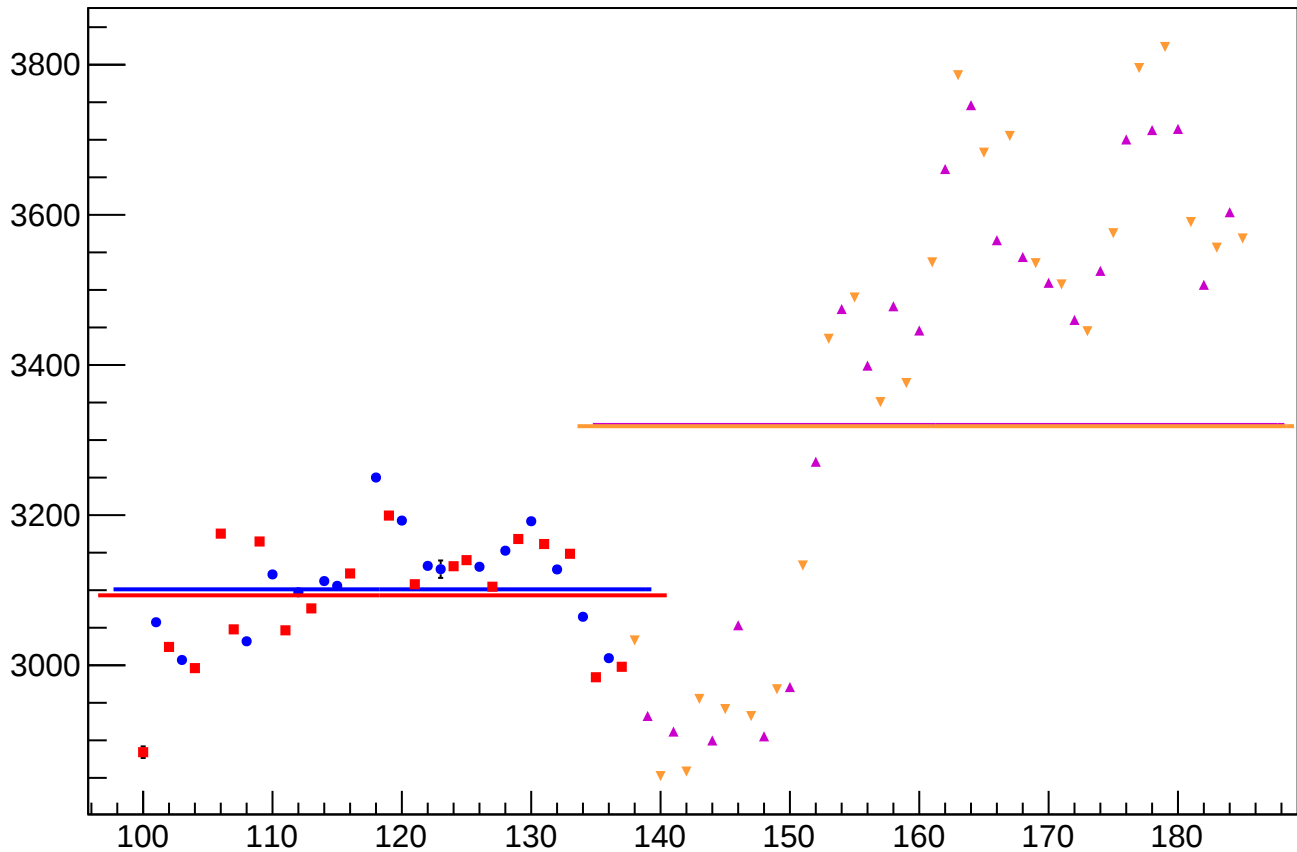
Left In: -4.911 ± 0.797 χ^2/NDF : 127.9/22

+ sign -13.800 ± 0.652 χ^2/NDF : 294.3/41

All: -9.910 ± 0.463 χ^2/NDF : 775.3/83

- sign -5.960 ± 0.657 χ^2/NDF : 409.2/41

diff_bpm0l01X_rms vs Slug



Right In: 3101.155+/-0.850 χ^2/NDF : 7225.5/16

Left Out: 3318.462+/-0.548 χ^2/NDF : 337667.5/24

Right Out: 3093.153+/-0.819 χ^2/NDF : 7805.1/18

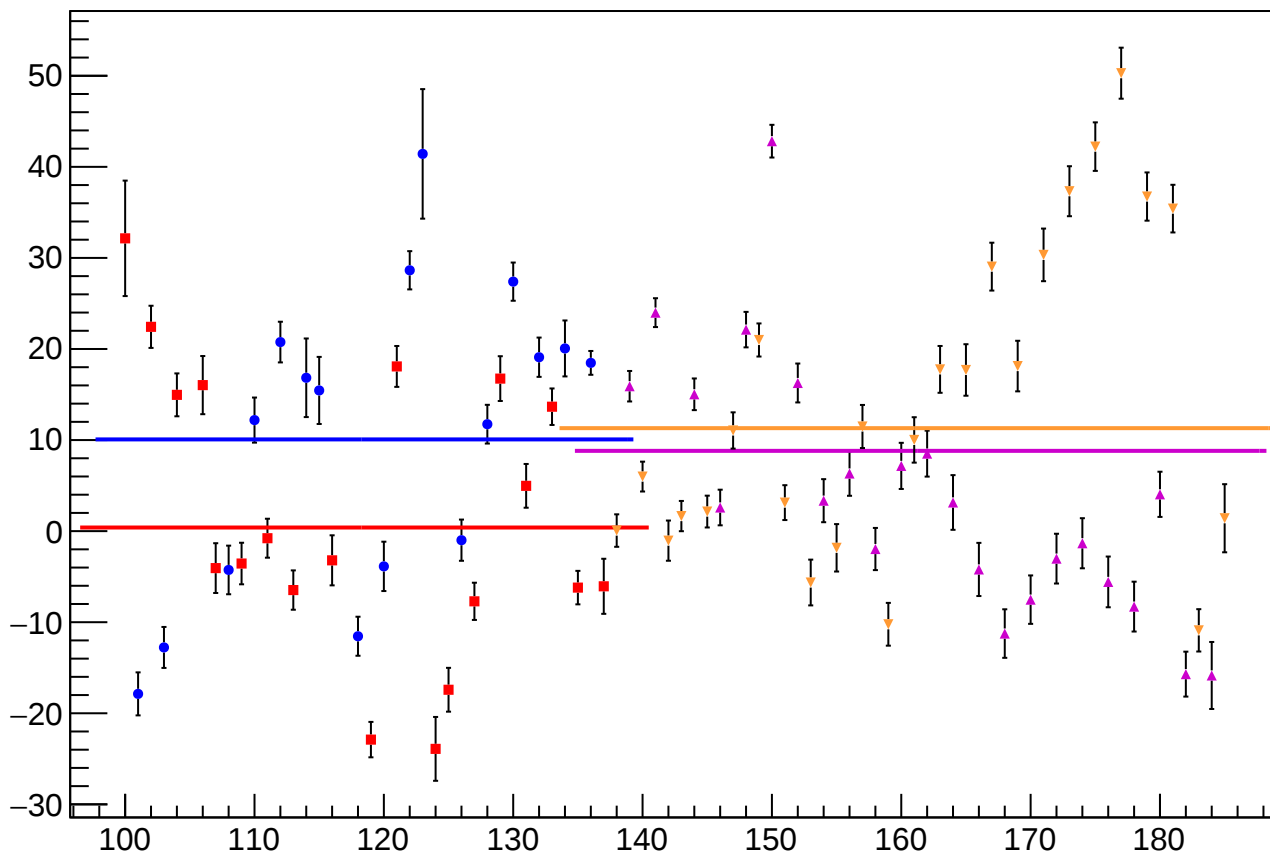
Left In: 3320.170+/-0.564 χ^2/NDF : 287634.9/22

+ sign 3254.634+/-0.461 χ^2/NDF : 391014.5/41

All: 3250.974+/-0.327 χ^2/NDF : 738681.6/83

- sign 3247.257+/-0.464 χ^2/NDF : 347540.0/41

diff_bpm0l01Y_mean vs Slug



Right In: 10.071 ± 0.563 χ^2/NDF : 688.1/16

Left Out: 11.307 ± 0.454 χ^2/NDF : 1144.4/24

Right Out: 0.397 ± 0.548 χ^2/NDF : 629.0/18

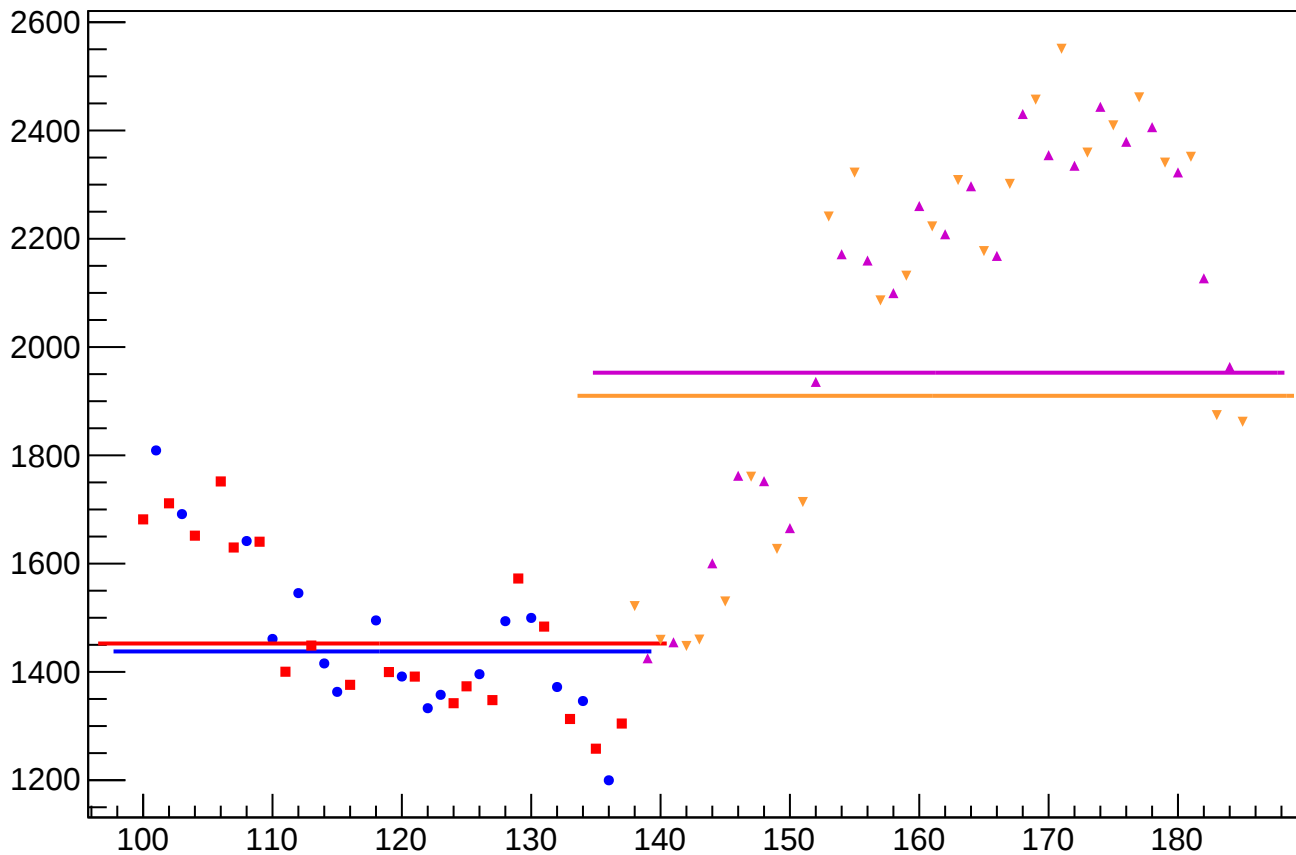
Left In: 8.815 ± 0.475 χ^2/NDF : 942.2/22

+ sign 10.820 ± 0.353 χ^2/NDF : 1835.5/41

All: 8.056 ± 0.252 χ^2/NDF : 3665.8/83

- sign 5.200 ± 0.359 χ^2/NDF : 1705.8/41

diff_bpm0l01Y_rms vs Slug



Right In: 1437.799 $\pm$ 0.398 χ^2 /NDF: 173192.9/16

Left Out: 1909.958 $\pm$ 0.321 χ^2 /NDF:1399474.4/24

Right Out: 1452.461 $\pm$ 0.387 χ^2 /NDF: 138487.1/18

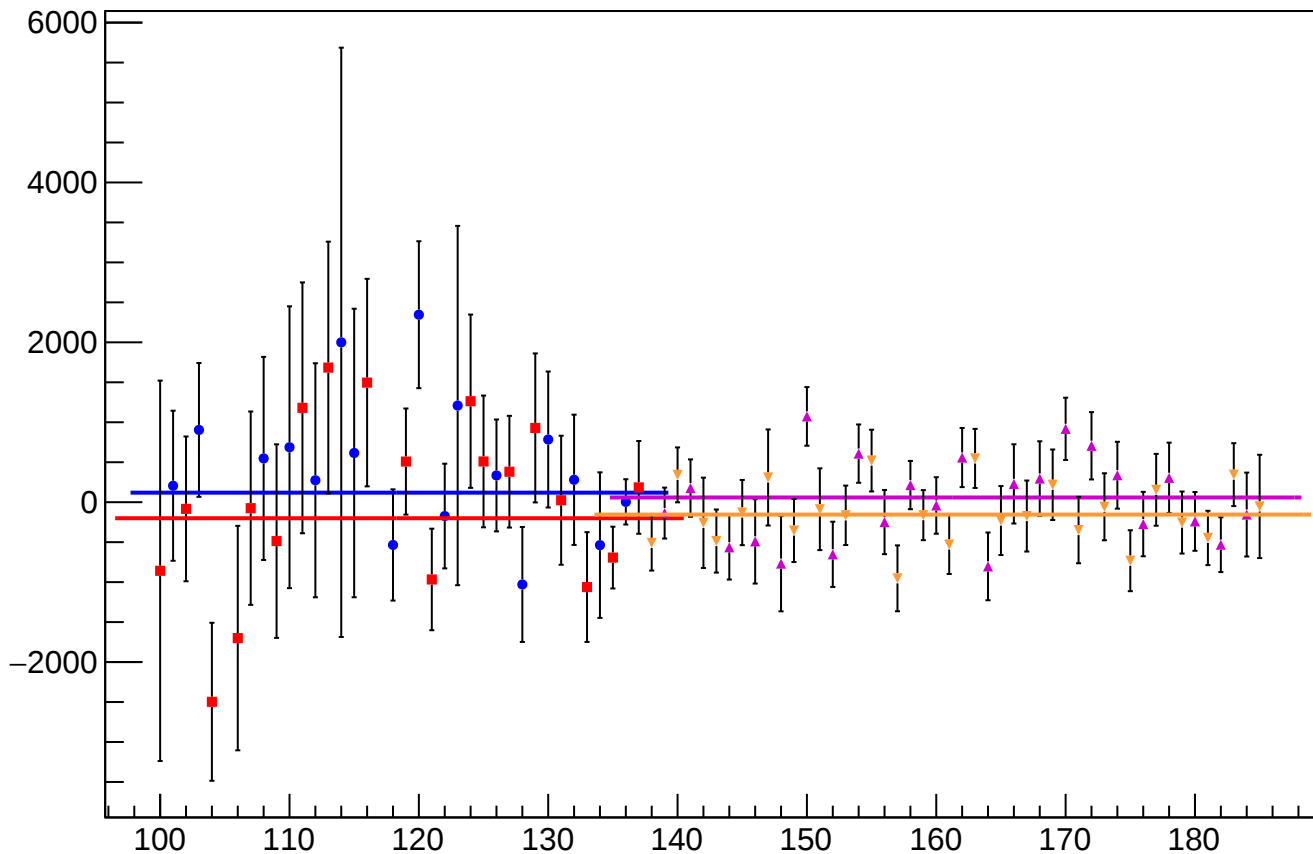
Left In: 1952.637 $\pm$ 0.336 χ^2 /NDF:1065333.8/22

+ sign 1723.821 $\pm$ 0.250 χ^2 /NDF: 2425799.6/41

All: 1730.718 $\pm$ 0.178 χ^2 /NDF: 4582030.4/83

- sign 1737.842 $\pm$ 0.254 χ^2 /NDF: 2154681.2/41

asym_sam1_mean vs Slug



Right In: 119.363 ± 180.601 χ^2/NDF : 12.6/16

Left Out: -154.695 ± 80.811 χ^2/NDF : 22.4/24

Right Out: -200.642 ± 184.789 χ^2/NDF : 21.7/18

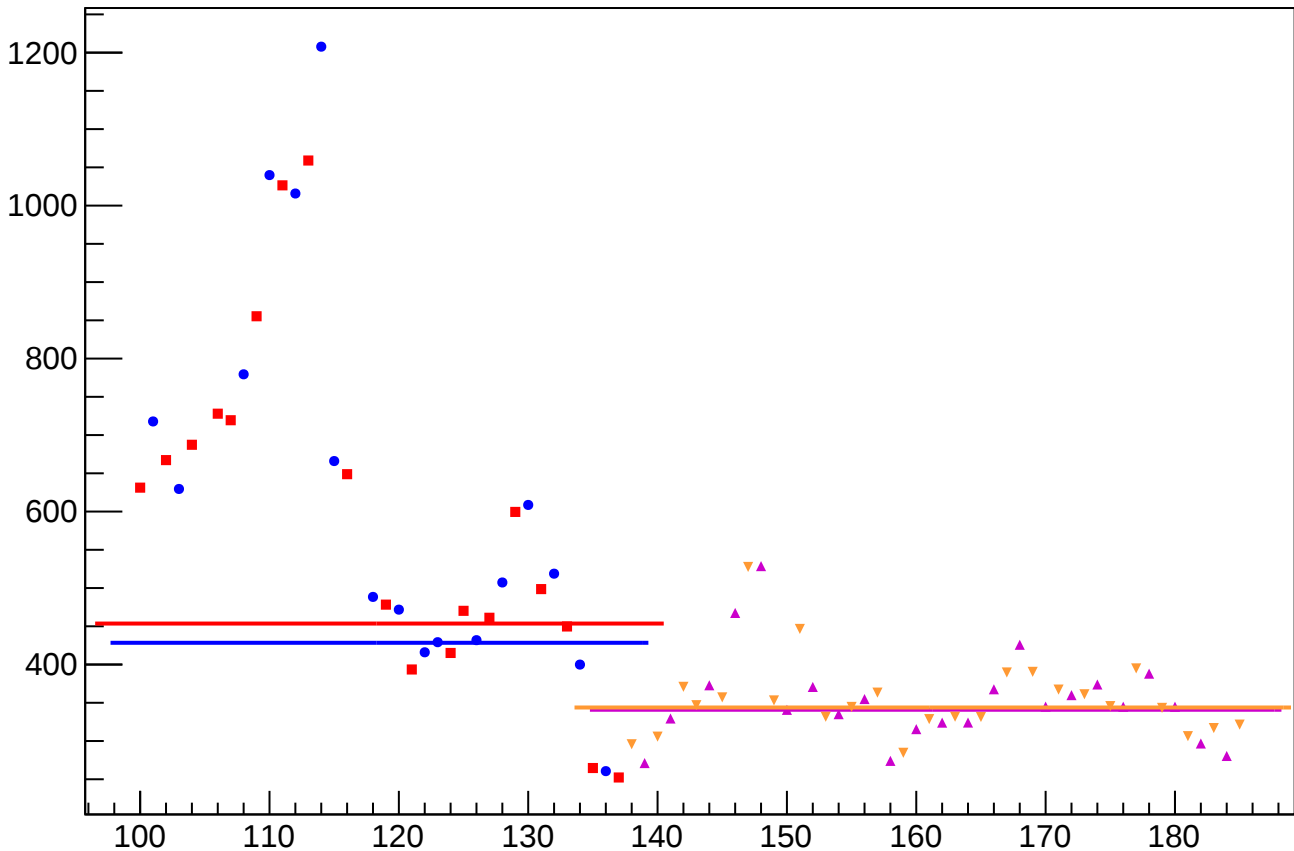
Left In: 58.934 ± 82.584 χ^2/NDF : 38.5/22

+ sign -108.977 ± 73.763 χ^2/NDF : 37.0/41

All: -47.995 ± 52.727 χ^2/NDF : 100.2/83

- sign 15.720 ± 75.397 χ^2/NDF : 61.8/41

asym_sam1_rms vs Slug



Right In: 428.425 ± 0.128 χ^2/NDF : 2006981.5/16

Left Out: 343.828 ± 0.057 χ^2/NDF : 539158.2/24

Right Out: 453.578 ± 0.131 χ^2/NDF : 2032377.4/18

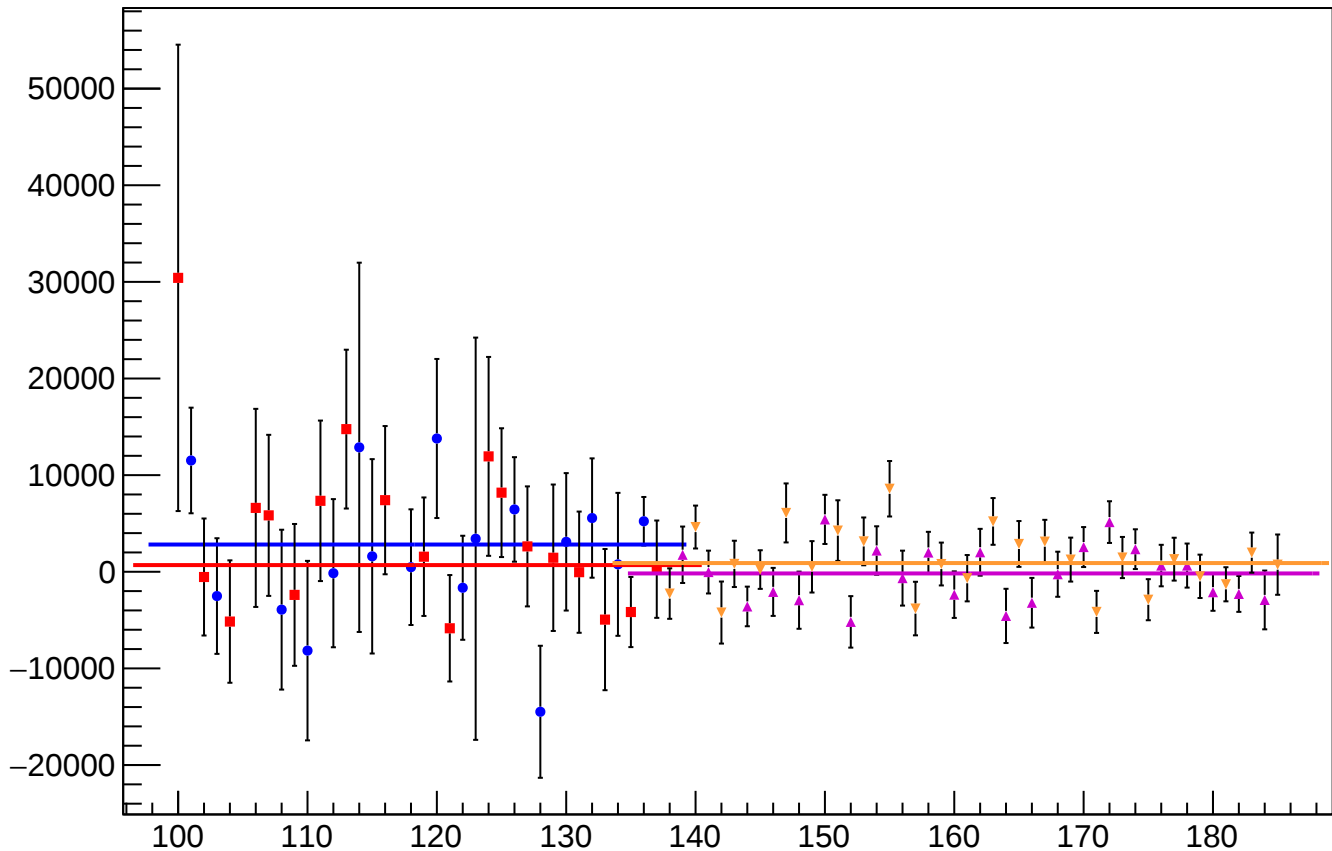
Left In: 340.876 ± 0.058 χ^2/NDF : 724672.0/22

+ sign 357.940 ± 0.052 χ^2/NDF : 2911766.1/41

All: 358.771 ± 0.037 χ^2/NDF : 6289428.3/83

- sign 359.639 ± 0.053 χ^2/NDF : 3377143.6/41

asym_sam2_mean vs Slug



Right In: 2819.632 $\pm$ 1450.791 χ^2 /NDF: 16.5/16

Left Out: 901.945 $\pm$ 473.335 χ^2 /NDF: 38.1/24

Right Out: 691.793 $\pm$ 1512.621 χ^2 /NDF: 14.0/18

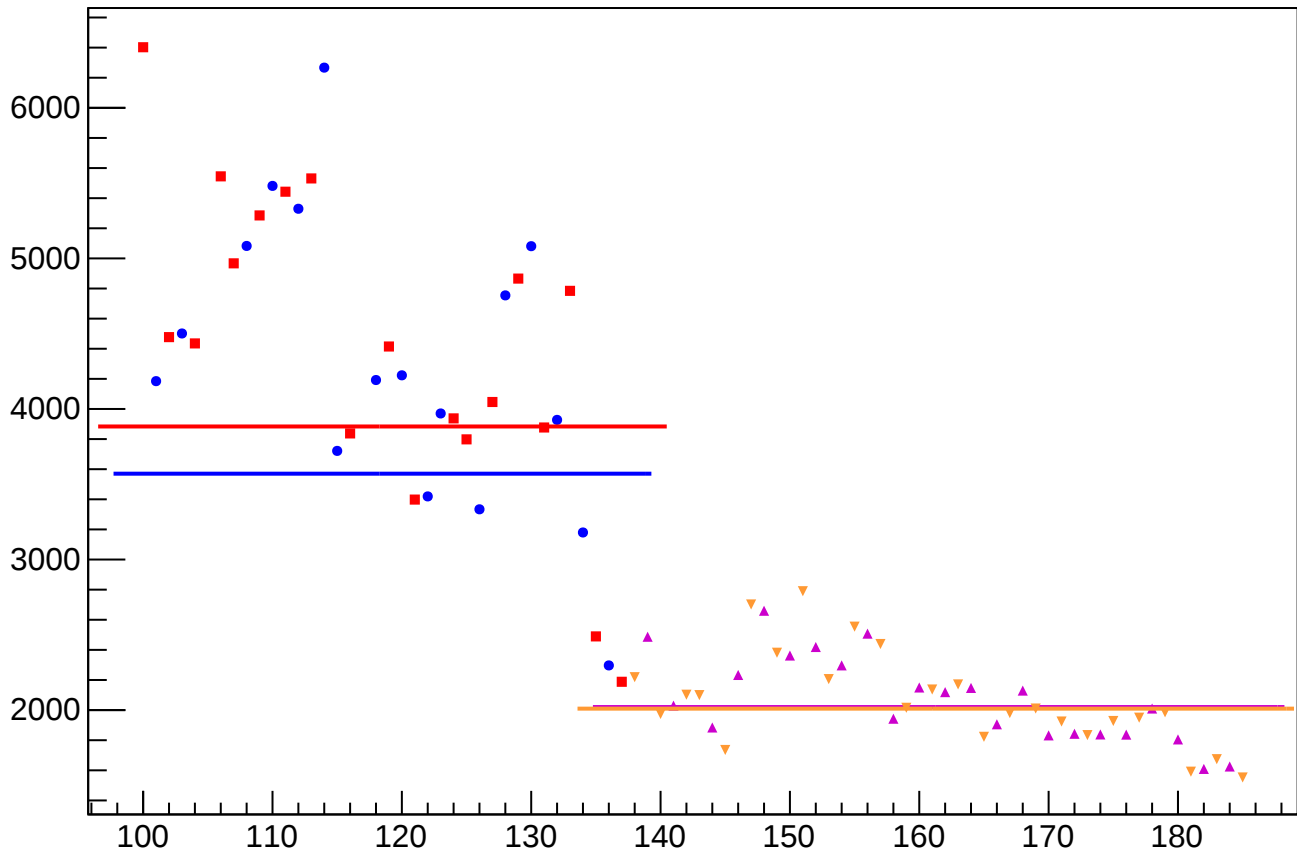
Left In: -172.391 $\pm$ 488.067 χ^2 /NDF: 33.2/22

+ sign 1086.436 $\pm$ 449.991 χ^2 /NDF: 56.1/41

All: 516.424 $\pm$ 323.195 χ^2 /NDF: 107.0/83

- sign -90.903 $\pm$ 464.487 χ^2 /NDF: 47.5/41

asym_sam2_rms vs Slug



Right In: 3570.185+/-1.026 χ^2/NDF : 1087907.4/16

Left Out: 2009.686+/-0.335 χ^2/NDF : 709957.8/24

Right Out: 3883.722+/-1.070 χ^2/NDF : 984493.3/18

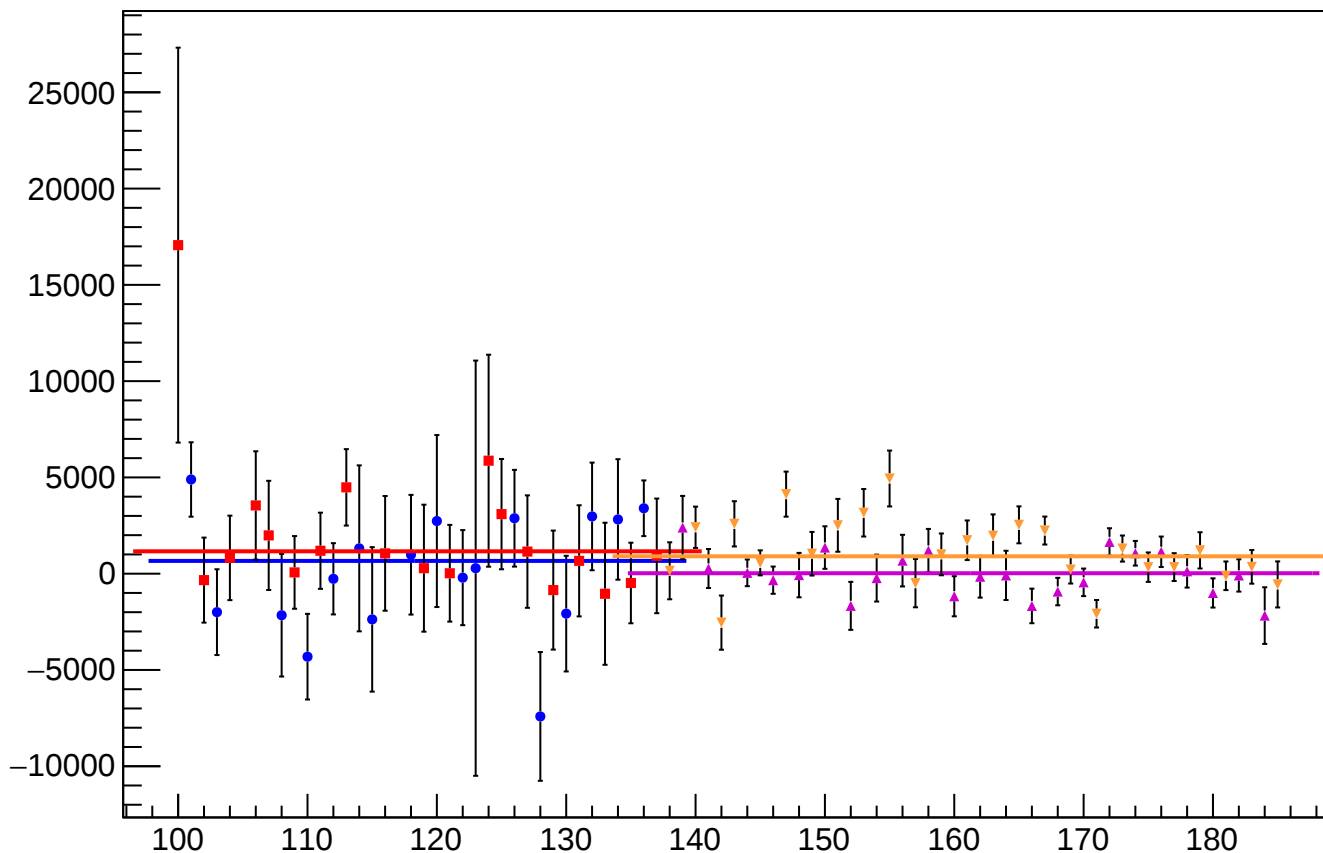
Left In: 2020.365+/-0.345 χ^2/NDF : 573483.0/22

+ sign 2159.814+/-0.318 χ^2/NDF : 3889169.2/41

All: 2177.367+/-0.229 χ^2/NDF : 8202265.4/83

- sign 2196.069+/-0.328 χ^2/NDF : 4306810.6/41

asym_sam3_mean vs Slug



Right In: 663.409 $\pm$ 622.512 χ^2 /NDF: 25.5/16

Left Out: 902.269 $\pm$ 185.871 χ^2 /NDF: 63.5/24

Right Out: 1162.350 $\pm$ 604.350 χ^2 /NDF: 9.7/18

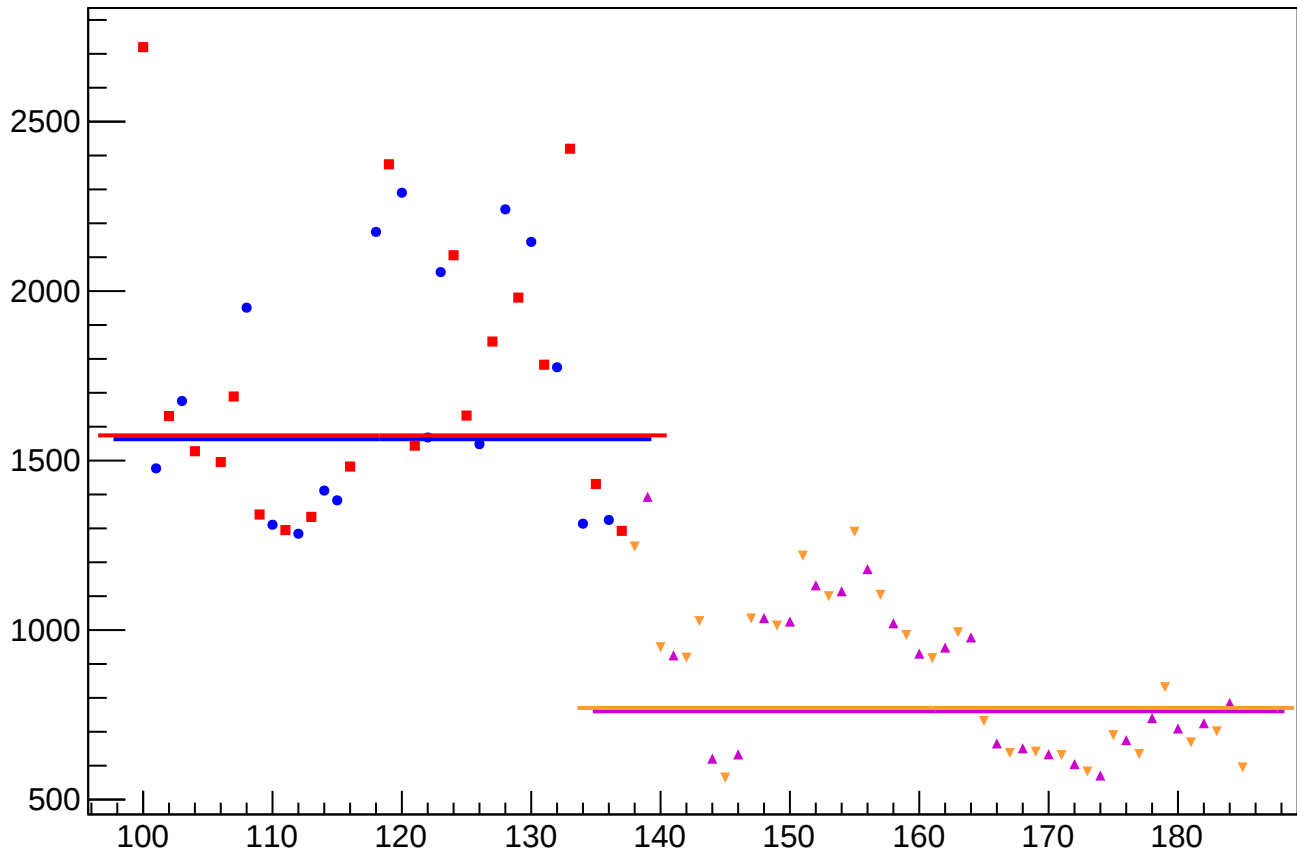
Left In: 23.529 $\pm$ 188.137 χ^2 /NDF: 28.2/22

+ sign 882.717 $\pm$ 178.102 χ^2 /NDF: 89.1/41

All: 506.679 $\pm$ 126.475 χ^2 /NDF: 139.3/83

- sign 124.142 $\pm$ 179.634 χ^2 /NDF: 41.2/41

asym_sam3_rms vs Slug



Right In: 1563.098 $\pm$ 0.440 χ^2 /NDF: 487653.4/16

Left Out: 770.304 $\pm$ 0.131 χ^2 /NDF: 2287845.4/24

Right Out: 1574.361 $\pm$ 0.427 χ^2 /NDF: 466428.6/18

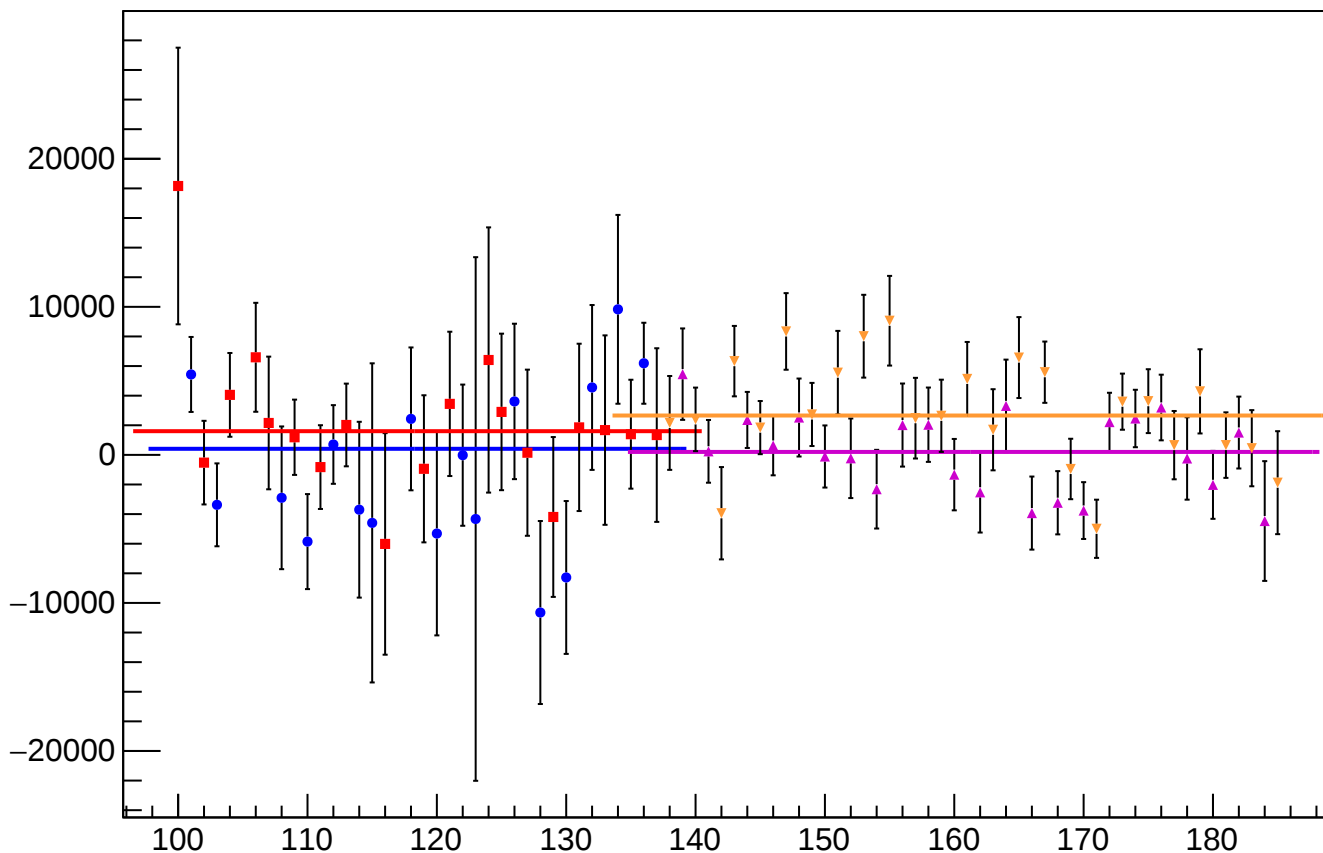
Left In: 760.352 $\pm$ 0.133 χ^2 /NDF: 1986749.8/22

+ sign 835.197 $\pm$ 0.126 χ^2 /NDF: 5753792.3/41

All: 833.745 $\pm$ 0.089 χ^2 /NDF: 11515042.1/83

- sign 832.268 $\pm$ 0.127 χ^2 /NDF: 5760981.6/41

asym_sam4_mean vs Slug



Right In: 411.092 $\pm$ 998.047 χ^2 /NDF: 25.3/16

Left Out: 2659.414 $\pm$ 479.823 χ^2 /NDF:49.3/24

Right Out: 1601.073 $\pm$ 925.777 χ^2 /NDF: 10.1/18

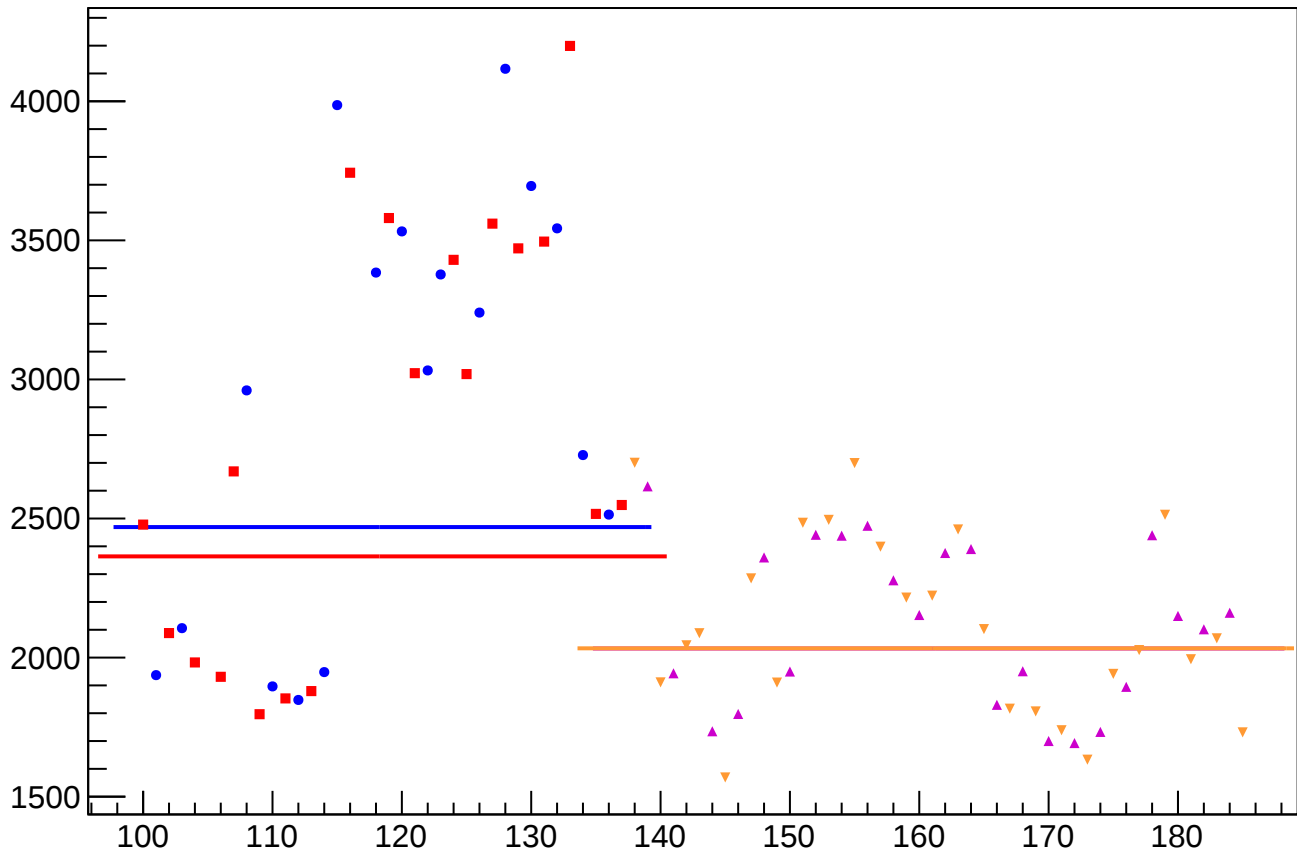
Left In: 199.371 $\pm$ 492.082 χ^2 /NDF:25.8/22

+ sign 2237.315 $\pm$ 432.443 χ^2 /NDF: 78.8/41

All: 1376.865 $\pm$ 306.513 χ^2 /NDF: 124.4/83

- sign 508.152 $\pm$ 434.514 χ^2 /NDF: 37.7/41

asym_sam4_rms vs Slug



Right In: 2469.233+/-0.706 χ^2/NDF : 900151.2/16

Left Out: 2033.289+/-0.339 χ^2/NDF : 824034.1/24

Right Out: 2363.845+/-0.655 χ^2/NDF : 1026234.8/18

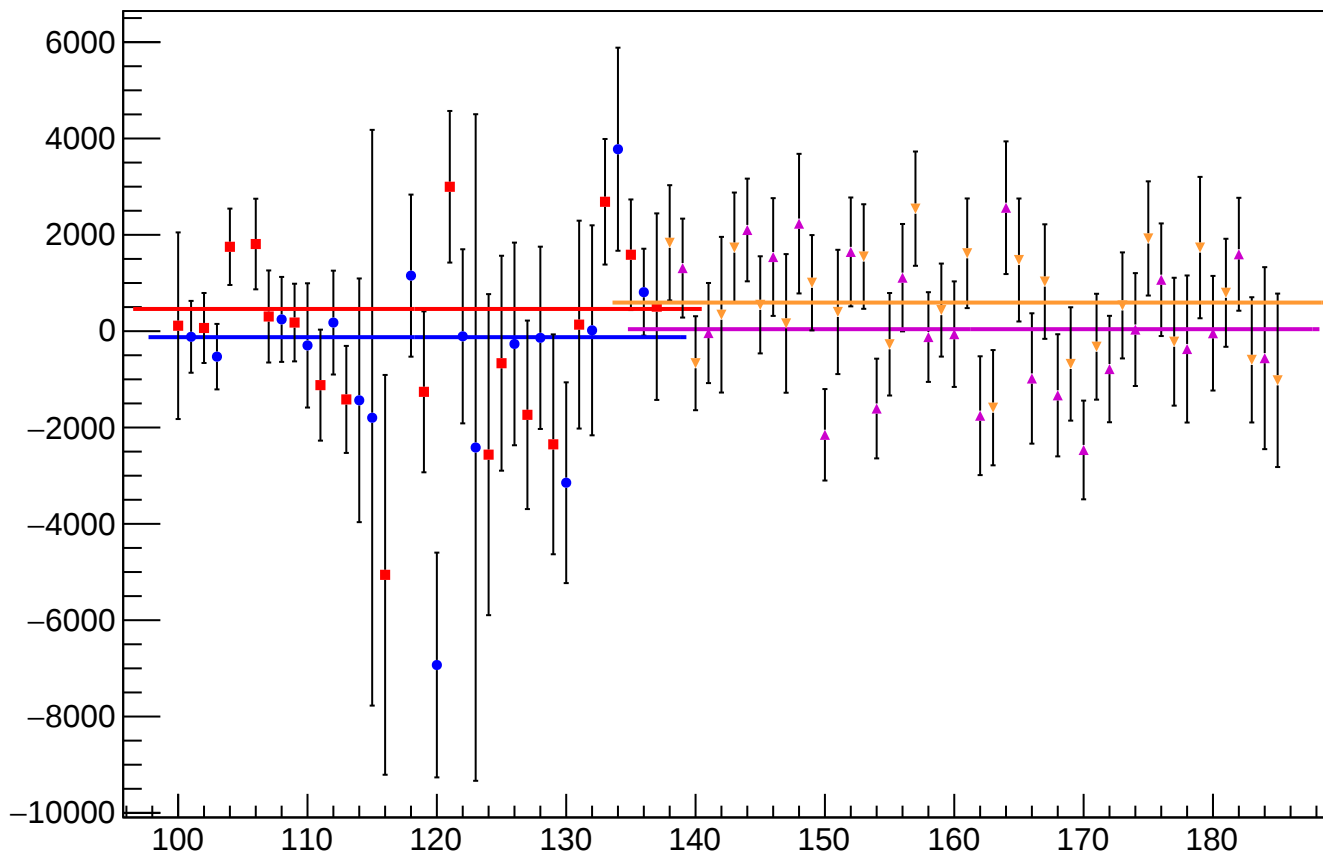
Left In: 2032.655+/-0.348 χ^2/NDF : 652763.7/22

+ sign 2115.133+/-0.306 χ^2/NDF : 2034130.5/41

All: 2110.395+/-0.217 χ^2/NDF : 3913186.3/83

- sign 2105.613+/-0.307 χ^2/NDF : 1878573.4/41

asym_sam5_mean vs Slug



Right In: -124.338 ± 313.734 χ^2/NDF : 16.8/16

Left Out: 593.749 ± 234.997 χ^2/NDF : 18.7/24

Right Out: 461.203 ± 283.135 χ^2/NDF : 23.1/18

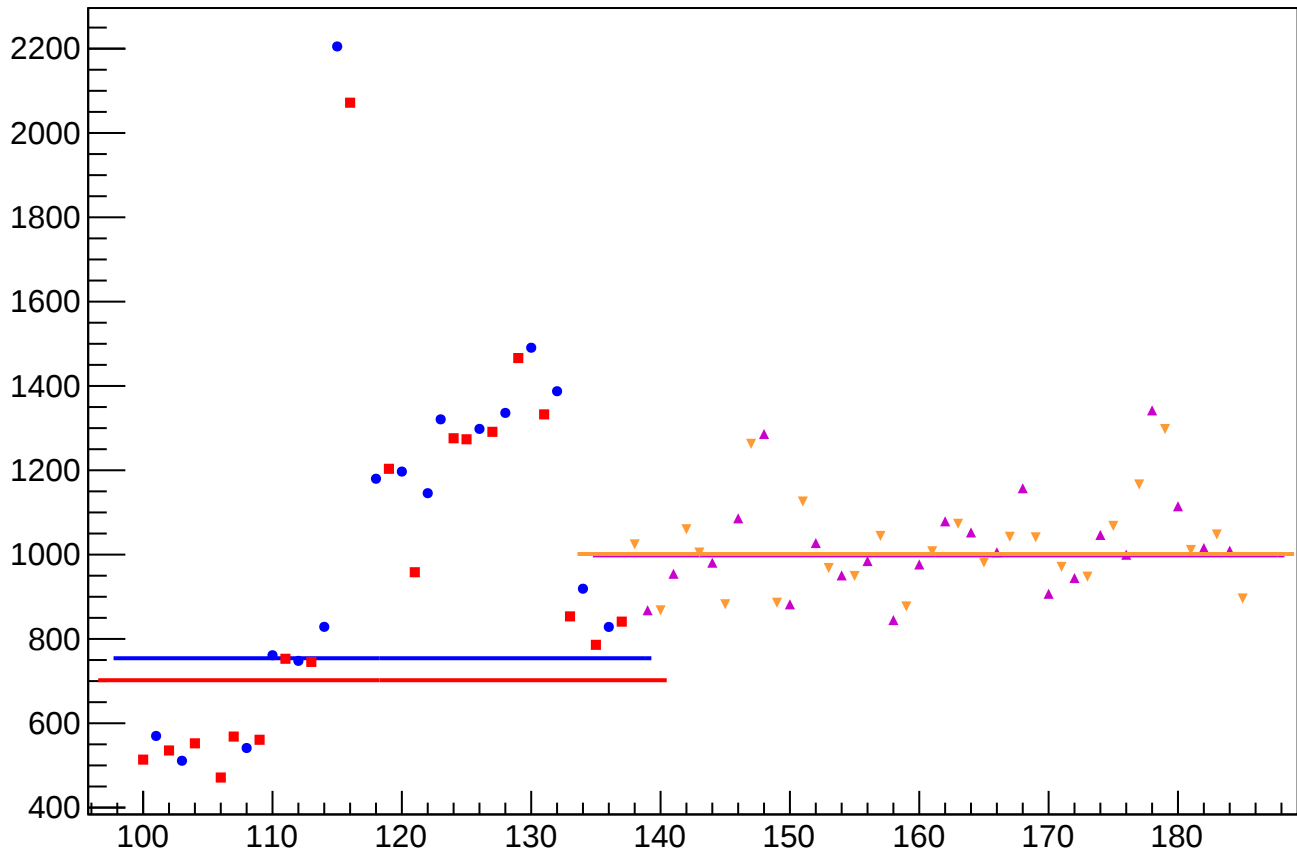
Left In: 41.559 ± 240.807 χ^2/NDF : 36.4/22

+ sign 335.666 ± 188.085 χ^2/NDF : 38.9/41

All: 275.206 ± 131.321 χ^2/NDF : 99.8/83

- sign 217.699 ± 183.435 χ^2/NDF : 60.7/41

asym_sam5_rms vs Slug



Right In: 754.219+/-0.222 χ^2/NDF : 1689131.5/16

Left Out: 1001.467+/-0.166 χ^2/NDF : 370303.0/24

Right Out: 702.074+/-0.200 χ^2/NDF : 1689098.6/18

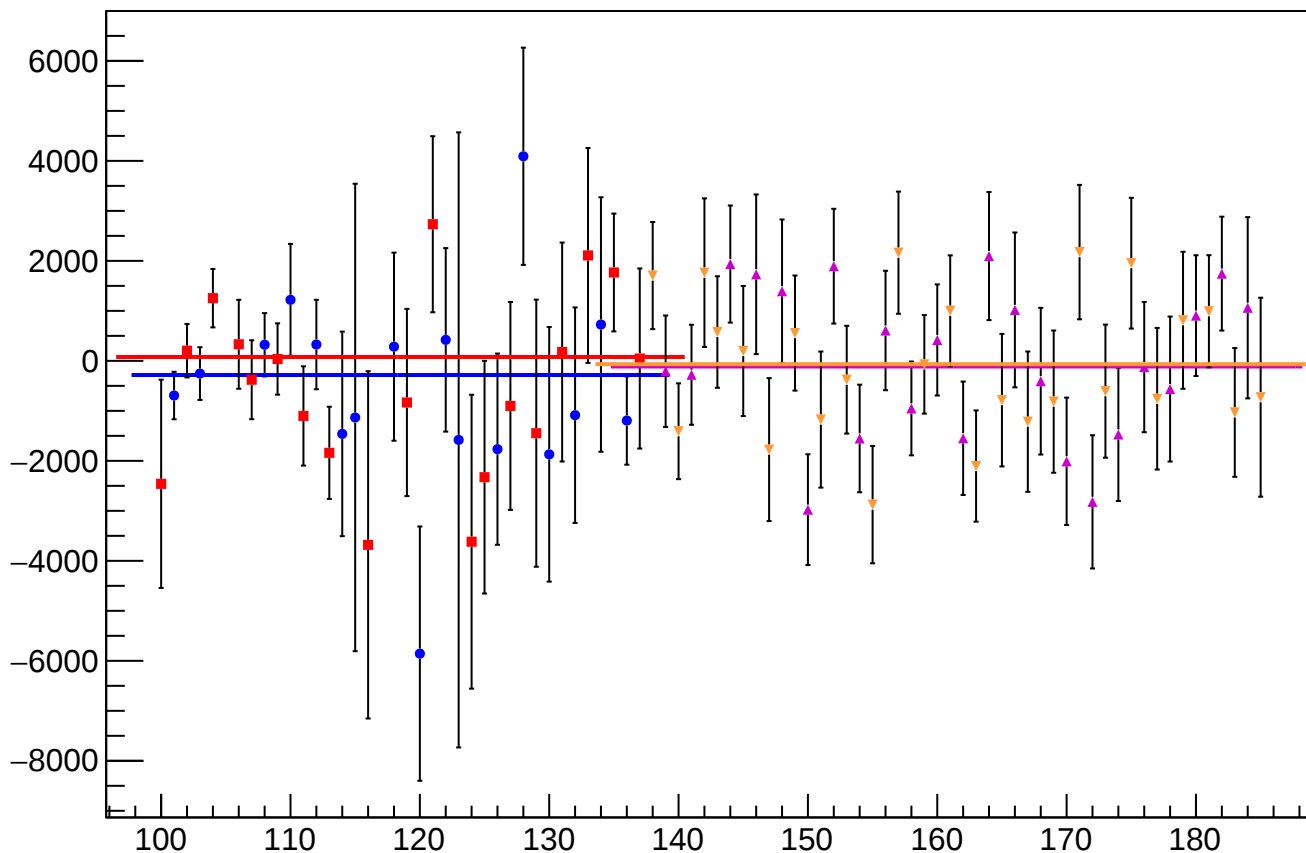
Left In: 998.050+/-0.170 χ^2/NDF : 404656.2/22

+ sign 912.605+/-0.133 χ^2/NDF : 2855146.0/41

All: 892.726+/-0.093 χ^2/NDF : 6260667.6/83

- sign 873.818+/-0.130 χ^2/NDF : 3361930.9/41

asym_sam6_mean vs Slug



Right In: -283.172 ± 250.683 χ^2/NDF : 15.8/16

Left Out: -66.416 ± 246.536 χ^2/NDF : 31.2/24

Right Out: 77.591 ± 246.211 χ^2/NDF : 21.6/18

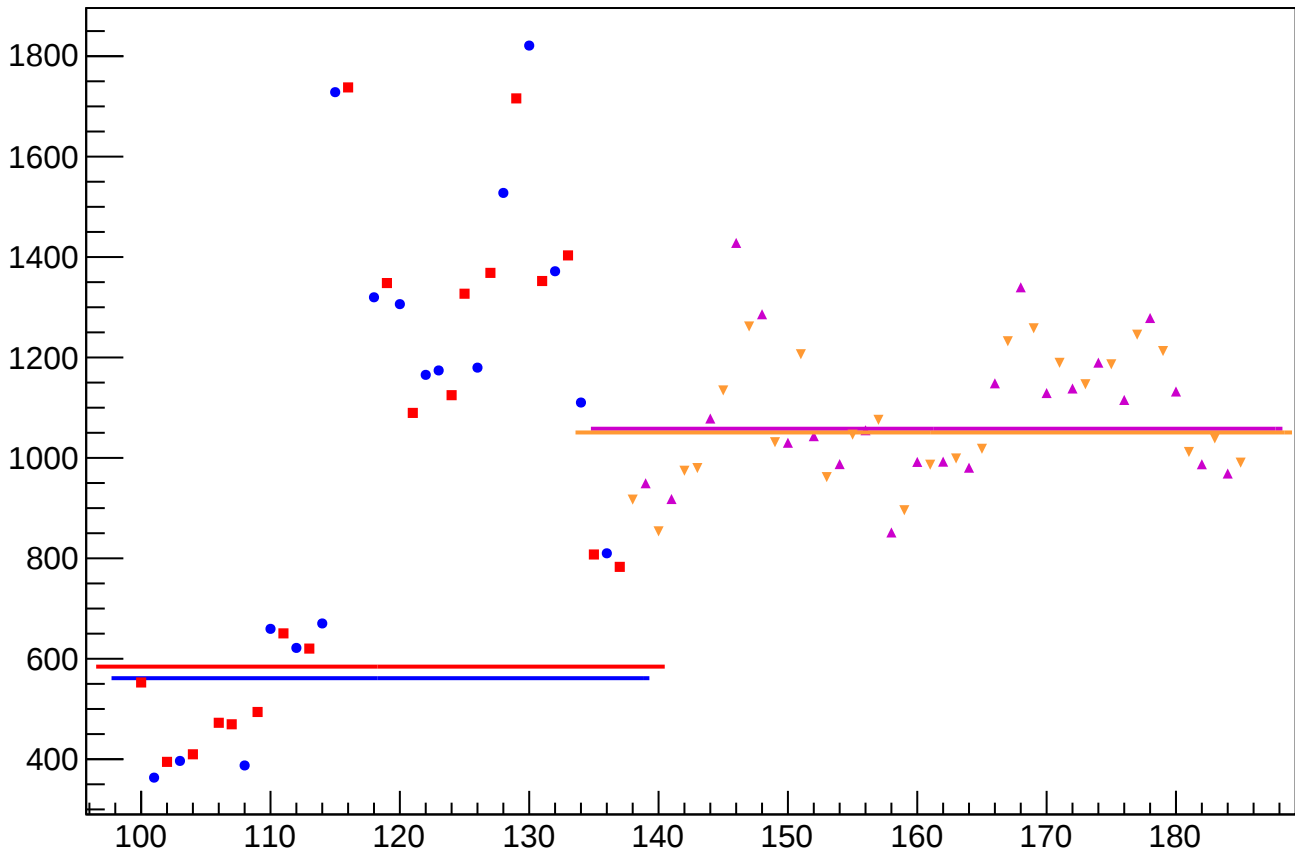
Left In: -112.398 ± 255.409 χ^2/NDF : 34.9/22

+ sign -172.986 ± 175.775 χ^2/NDF : 47.3/41

All: -94.122 ± 124.813 χ^2/NDF : 104.5/83

- sign -13.920 ± 177.260 χ^2/NDF : 56.7/41

asym_sam6_rms vs Slug



Right In: 561.319 $\pm$ 0.177 χ^2 /NDF: 3211255.9/16

Left Out: 1050.654 $\pm$ 0.174 χ^2 /NDF: 483141.8/24

Right Out: 584.345 $\pm$ 0.174 χ^2 /NDF: 2813611.9/18

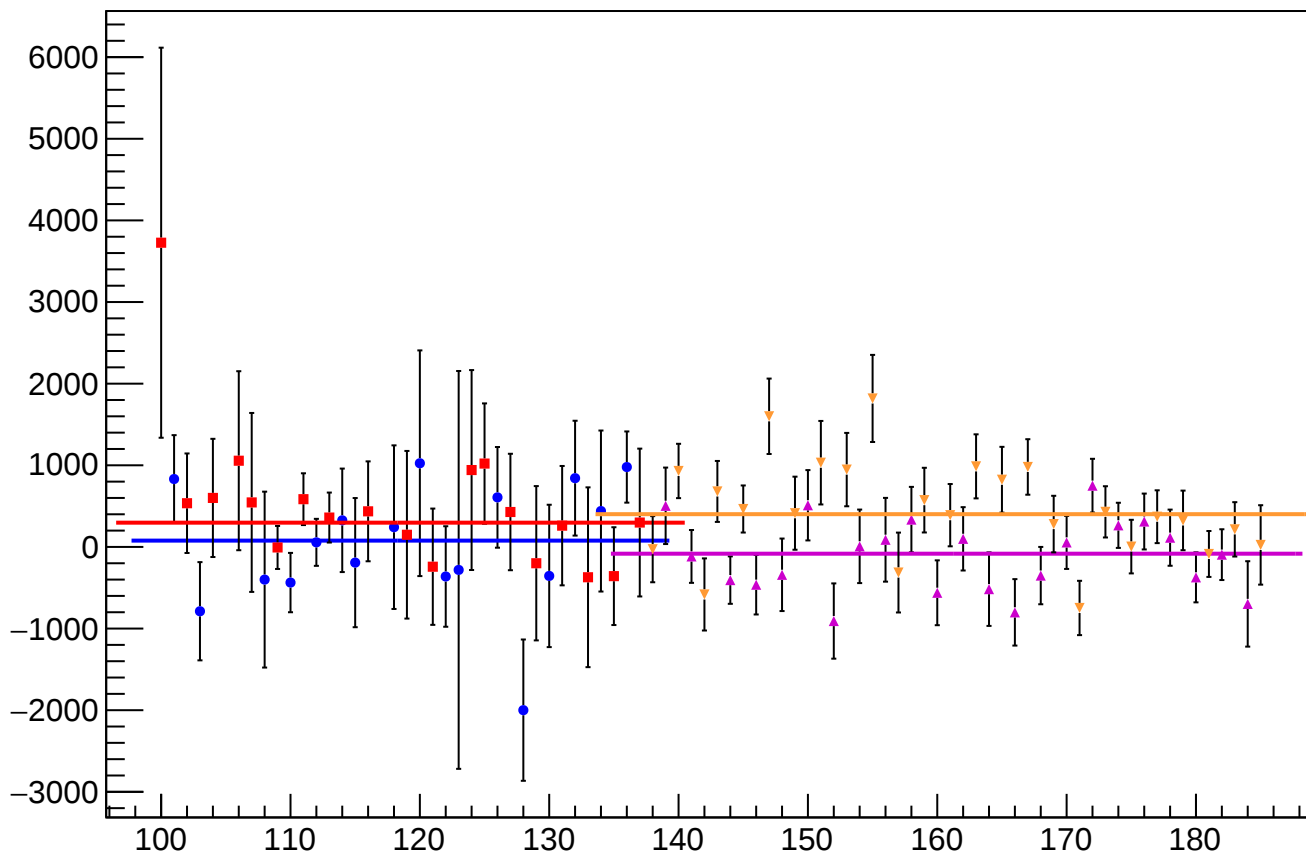
Left In: 1058.097 $\pm$ 0.181 χ^2 /NDF: 528574.7/22

+ sign 810.068 $\pm$ 0.124 χ^2 /NDF: 7568283.5/41

All: 811.292 $\pm$ 0.088 χ^2 /NDF: 14477361.2/83

- sign 812.536 $\pm$ 0.125 χ^2 /NDF: 6908882.1/41

asym_sam7_mean vs Slug



Right In: 77.417 ± 143.270 χ^2/NDF : 19.9/16

Left Out: 401.279 ± 74.556 χ^2/NDF : 52.0/24

Right Out: 297.209 ± 129.814 χ^2/NDF : 8.9/18

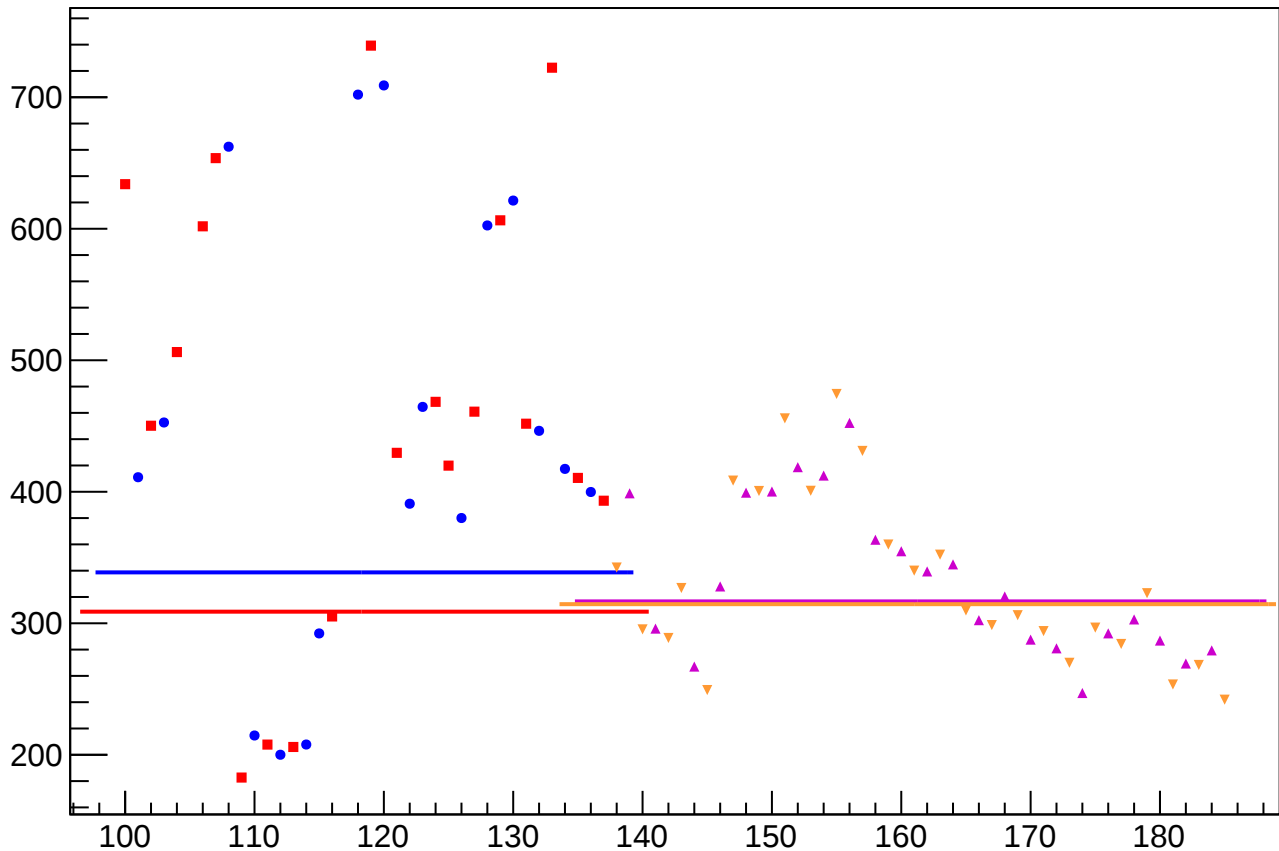
Left In: -82.890 ± 76.904 χ^2/NDF : 29.0/22

+ sign 332.265 ± 66.137 χ^2/NDF : 75.9/41

All: 174.126 ± 46.776 χ^2/NDF : 131.6/83

- sign 15.854 ± 66.165 χ^2/NDF : 44.2/41

asym_sam7_rms vs Slug



Right In: 338.706 ± 0.101 χ^2/NDF : 2007568.0/16

Left Out: 314.538 ± 0.053 χ^2/NDF : 1112636.5/24

+ sign 319.688 ± 0.047 χ^2/NDF : 3164986.0/41

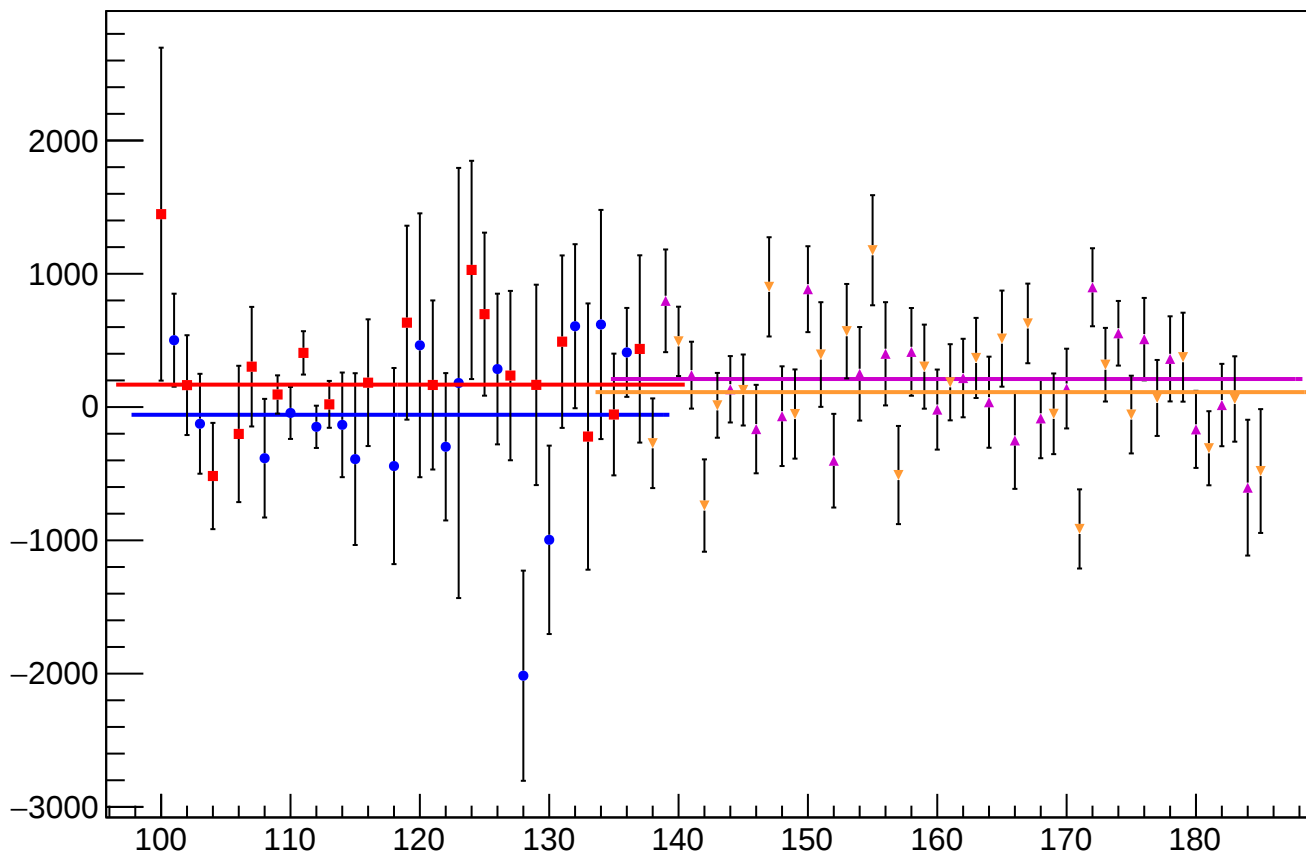
Right Out: 308.833 ± 0.092 χ^2/NDF : 2732710.6/18

All: 317.154 ± 0.033 χ^2/NDF : 6829811.5/83

- sign 314.617 ± 0.047 χ^2/NDF : 3658947.8/41

Left In: 316.647 ± 0.054 χ^2/NDF : 920874.0/22

asym_sam8_mean vs Slug



Right In: -57.851 ± 90.694 χ^2/NDF : 16.6/16

Left Out: 112.125 ± 62.650 χ^2/NDF : 49.1/24

Right Out: 168.323 ± 76.968 χ^2/NDF : 10.8/18

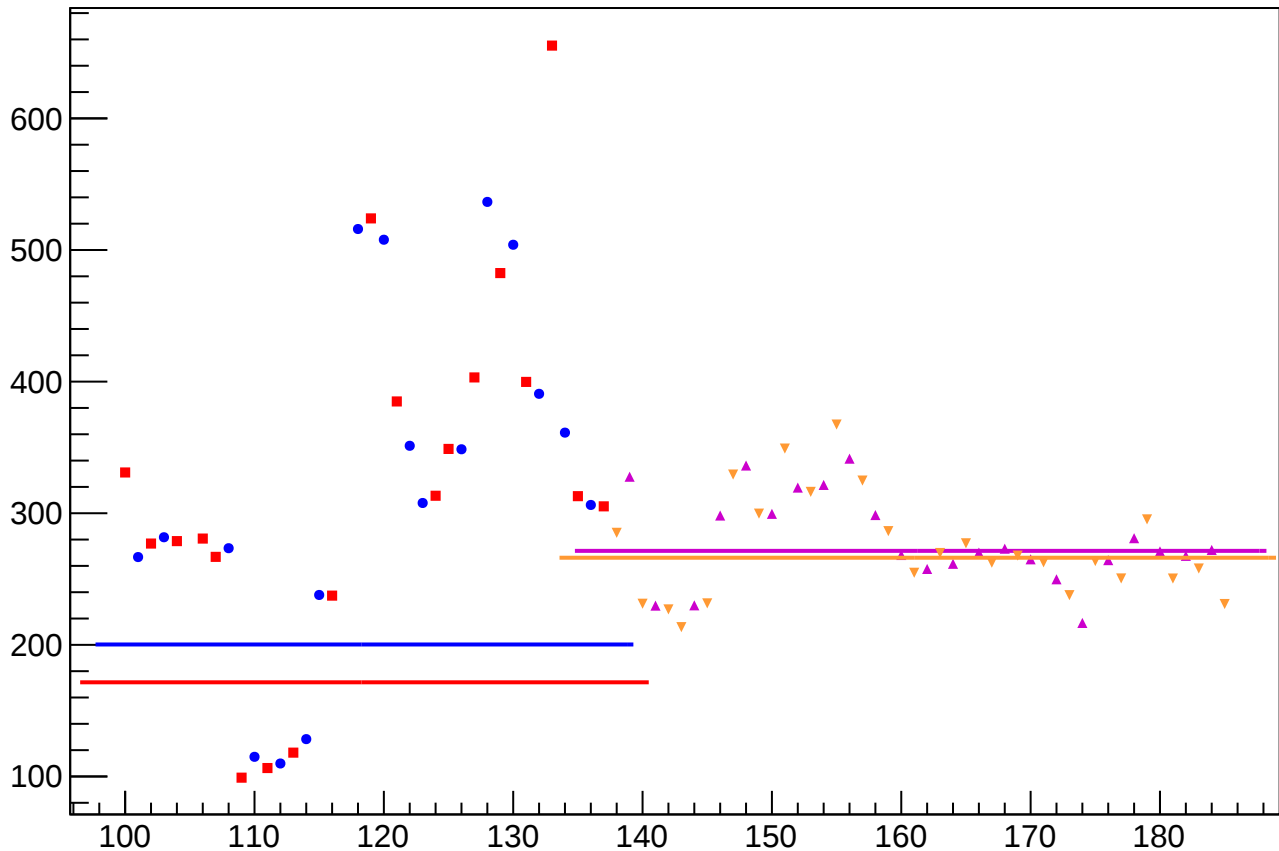
Left In: 210.453 ± 65.510 χ^2/NDF : 29.2/22

+ sign 57.217 ± 51.547 χ^2/NDF : 68.1/41

All: 127.203 ± 35.848 χ^2/NDF : 111.8/83

- sign 192.754 ± 49.887 χ^2/NDF : 40.1/41

asym_sam8_rms vs Slug



Right In: 200.283+/-0.064 χ^2/NDF : 3381863.8/16

Left Out: 266.201+/-0.044 χ^2/NDF : 649689.4/24

Right Out: 171.547+/-0.054 χ^2/NDF : 4083247.6/18

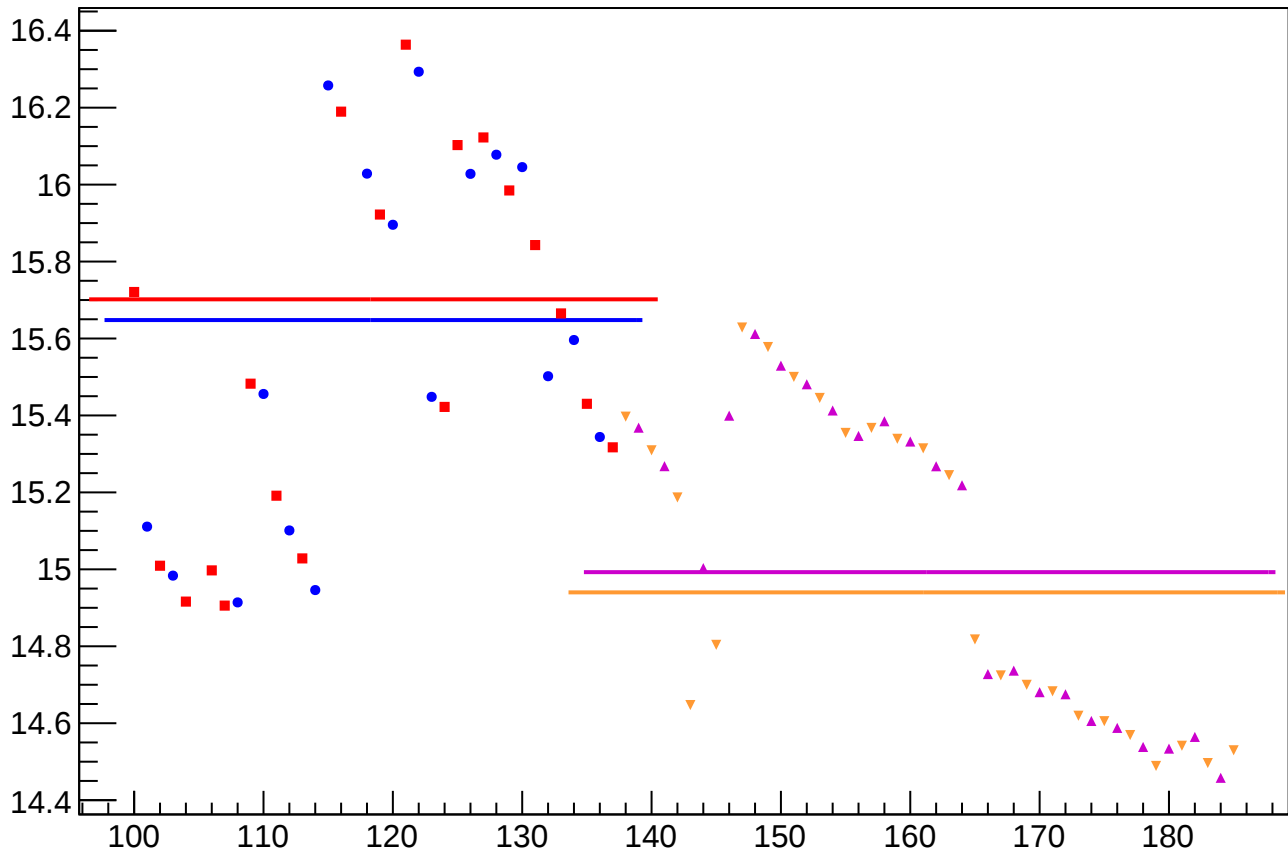
Left In: 271.415+/-0.046 χ^2/NDF : 521877.7/22

+ sign 244.907+/-0.036 χ^2/NDF : 4746767.2/41

All: 236.931+/-0.025 χ^2/NDF : 11397254.0/83

- sign 229.460+/-0.035 χ^2/NDF : 6557743.2/41

yield_sam1_mean vs Slug



Right In: 15.648 +/- 0.000 χ^2/NDF : 5445005645.2/16

Left Out: 14.940 +/- 0.000 χ^2/NDF : 24184385830.8/24

Right Out: 15.702 +/- 0.000 χ^2/NDF : 5133327033.6/18

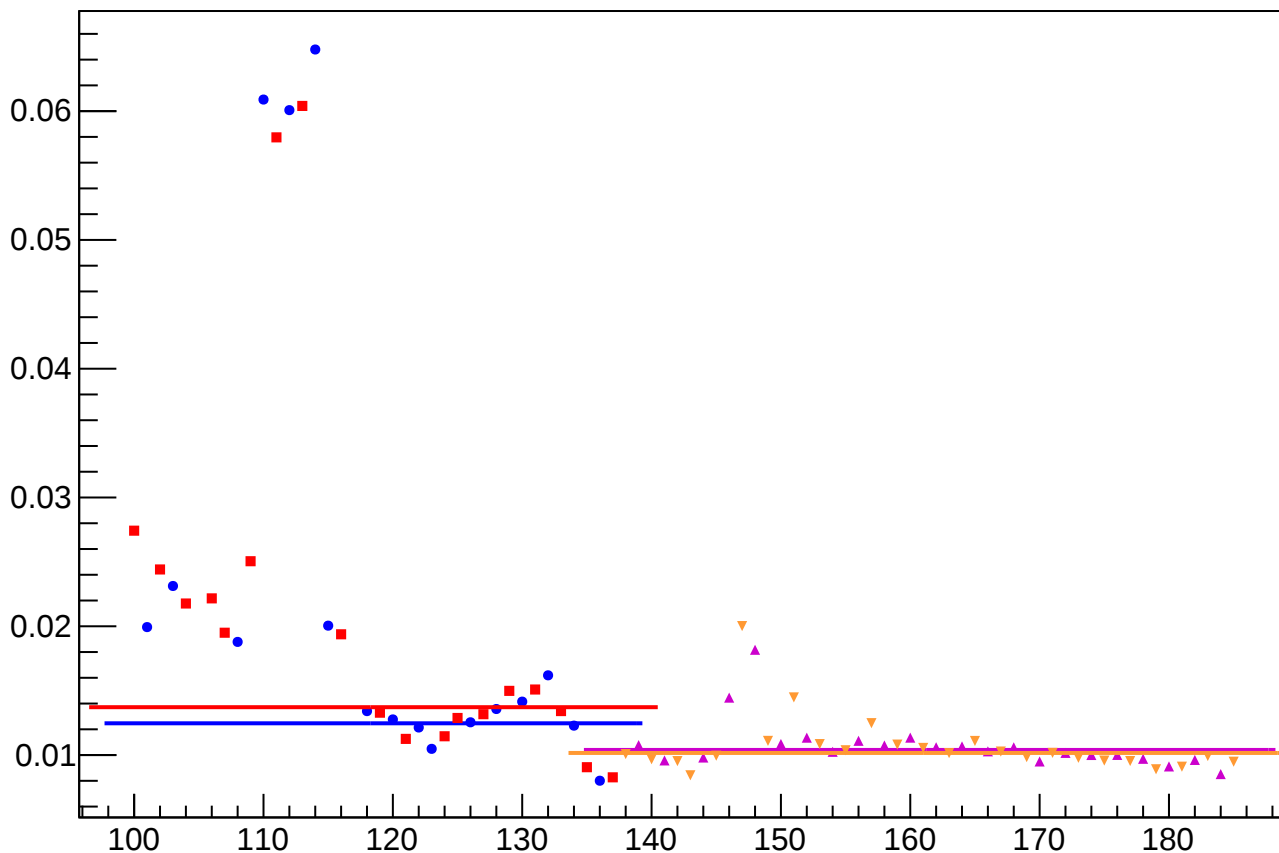
Left In: 14.993 +/- 0.000 χ^2/NDF : 22023159634.7/22

+ sign 15.057 +/- 0.000 χ^2/NDF : 43467325094.2/41

All: 15.080 +/- 0.000 χ^2/NDF : 83037843544.7

- sign 15.106 +/- 0.000 χ^2/NDF : 39345789252.2/41

yield_sam1_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 2144984.5/16

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 717176.6/24

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2077881.6/18

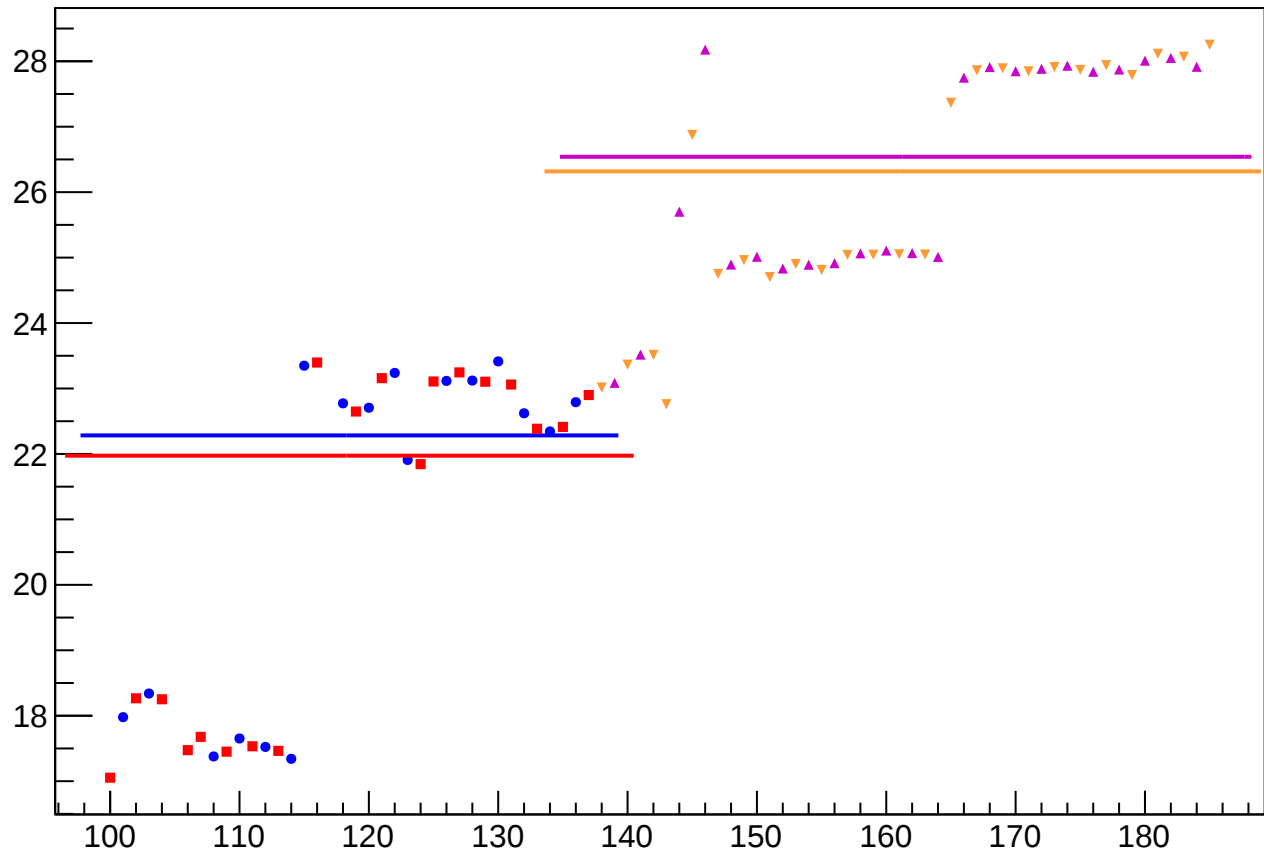
Left In: 0.010 $\pm$ 0.000 χ^2 /NDF: 544268.8/22

+ sign 0.011 $\pm$ 0.000 χ^2 /NDF: 3154876.0/41

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 6339088.0/83

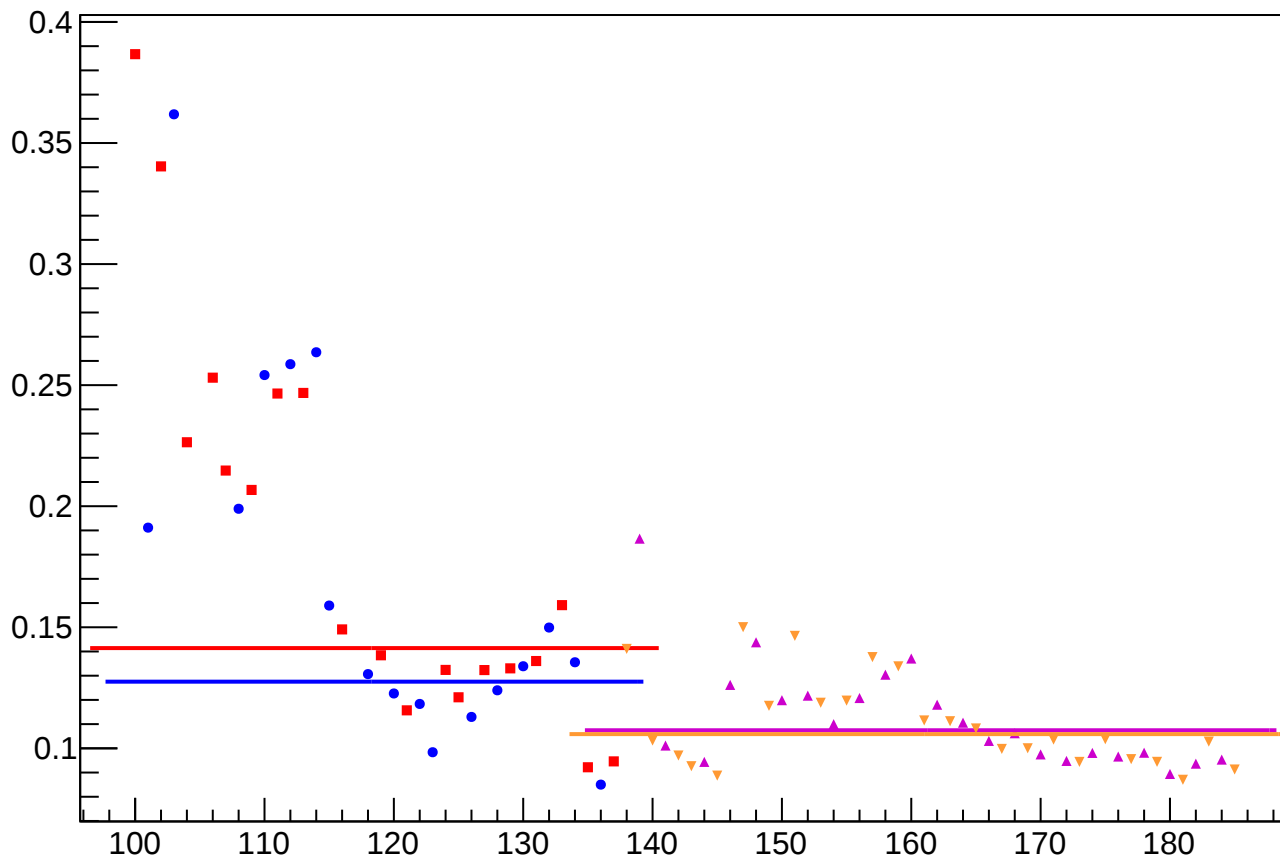
- sign 0.011 $\pm$ 0.000 χ^2 /NDF: 3156535.2/41

yield_sam2_mean vs Slug



Right In: 22.283+/-0.000	χ^2/NDF : 929007366.8/16	+ sign 25.590+/-0.000	χ^2/NDF : 9783811100.2/41
Left Out: 26.317+/-0.000	χ^2/NDF : 4714773036.6/24	All: 25.662+/-0.000	χ^2/NDF : 18886058659.6
Right Out: 21.974+/-0.000	χ^2/NDF : 1049661295.2/18	- sign 25.742+/-0.000	χ^2/NDF : 9083223968.0/41
Left In: 26.540+/-0.000	χ^2/NDF : 3309392772.6/22		

yield_sam2_rms vs Slug



Right In: 0.128+/-0.000 χ^2/NDF : 1490198.9/16

Left Out: 0.106+/-0.000 χ^2/NDF : 732968.1/24

Right Out: 0.141+/-0.000 χ^2/NDF : 1447700.3/18

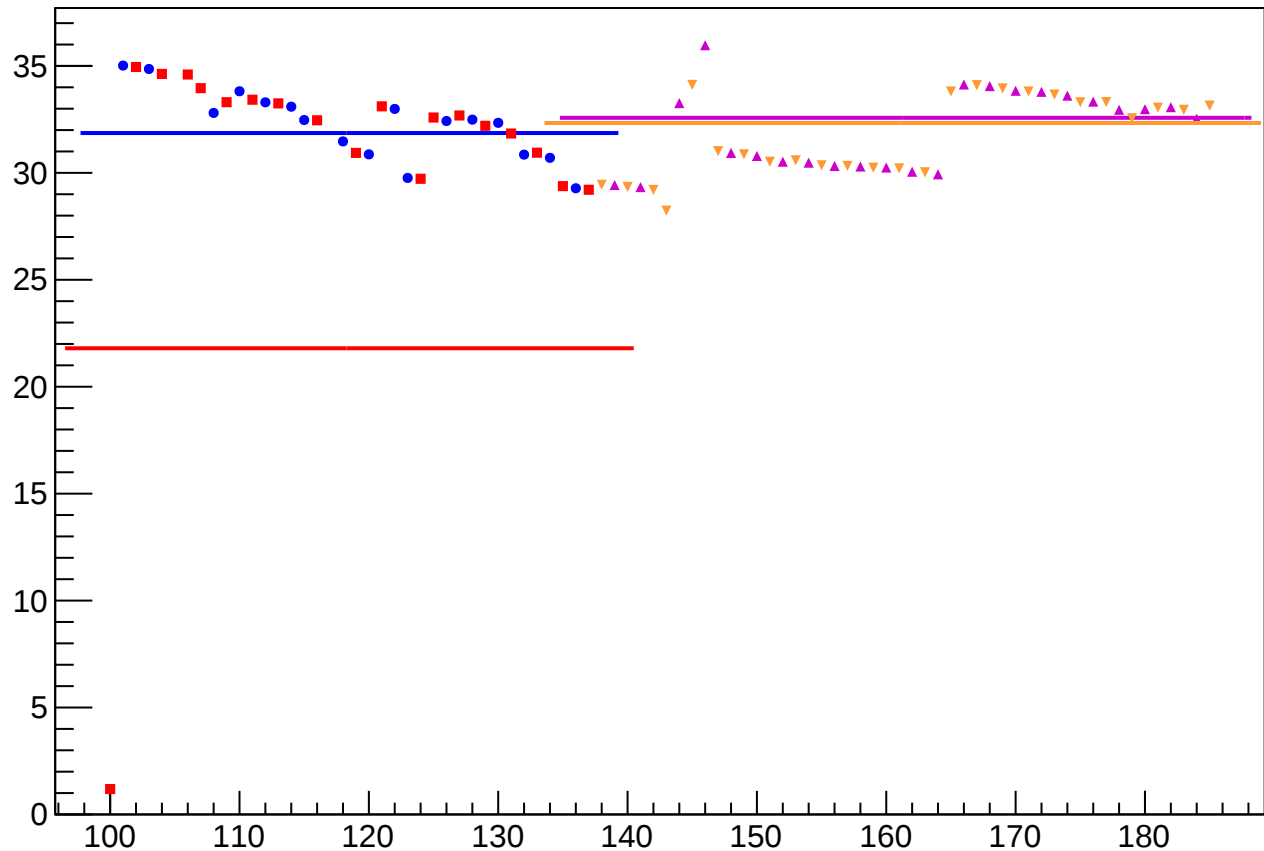
Left In: 0.107+/-0.000 χ^2/NDF : 771132.0/22

+ sign 0.110+/-0.000 χ^2/NDF : 2461854.7/41

All: 0.112+/-0.000 χ^2/NDF : 5223836.5/83

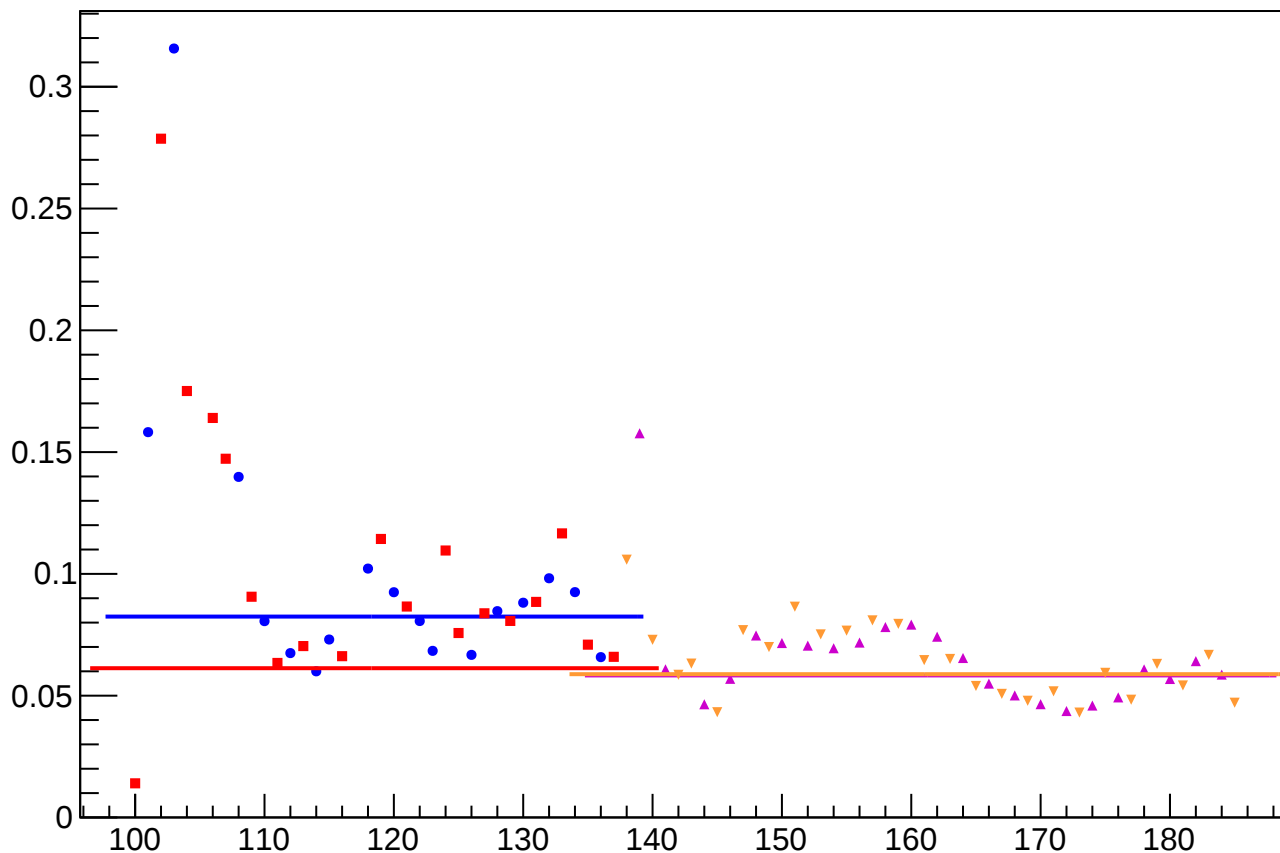
- sign 0.113+/-0.000 χ^2/NDF : 2740503.0/41

yield_sam3_mean vs Slug



Right In: 31.862+/-0.000	χ^2/NDF : 1902439059.8/16	+ sign 32.261+/-0.000	χ^2/NDF : 14887384425.2/41
Left Out: 32.331+/-0.000	χ^2/NDF : 12850427277.6/24	All: 31.254+/-0.000	χ^2/NDF : 362164485608.
Right Out: 21.798+/-0.000	χ^2/NDF : 228949728350.0/18	- sign 30.280+/-0.000	χ^2/NDF : 337665690068.1/41
Left In: 32.574+/-0.000	χ^2/NDF : 11797772603.7/22		

yield_sam3_rms vs Slug



Right In: 0.082 $\pm$ 0.000 χ^2 /NDF: 1182597.0/16

Left Out: 0.059 $\pm$ 0.000 χ^2 /NDF: 1402070.4/24

Right Out: 0.061 $\pm$ 0.000 χ^2 /NDF: 3604725.9/18

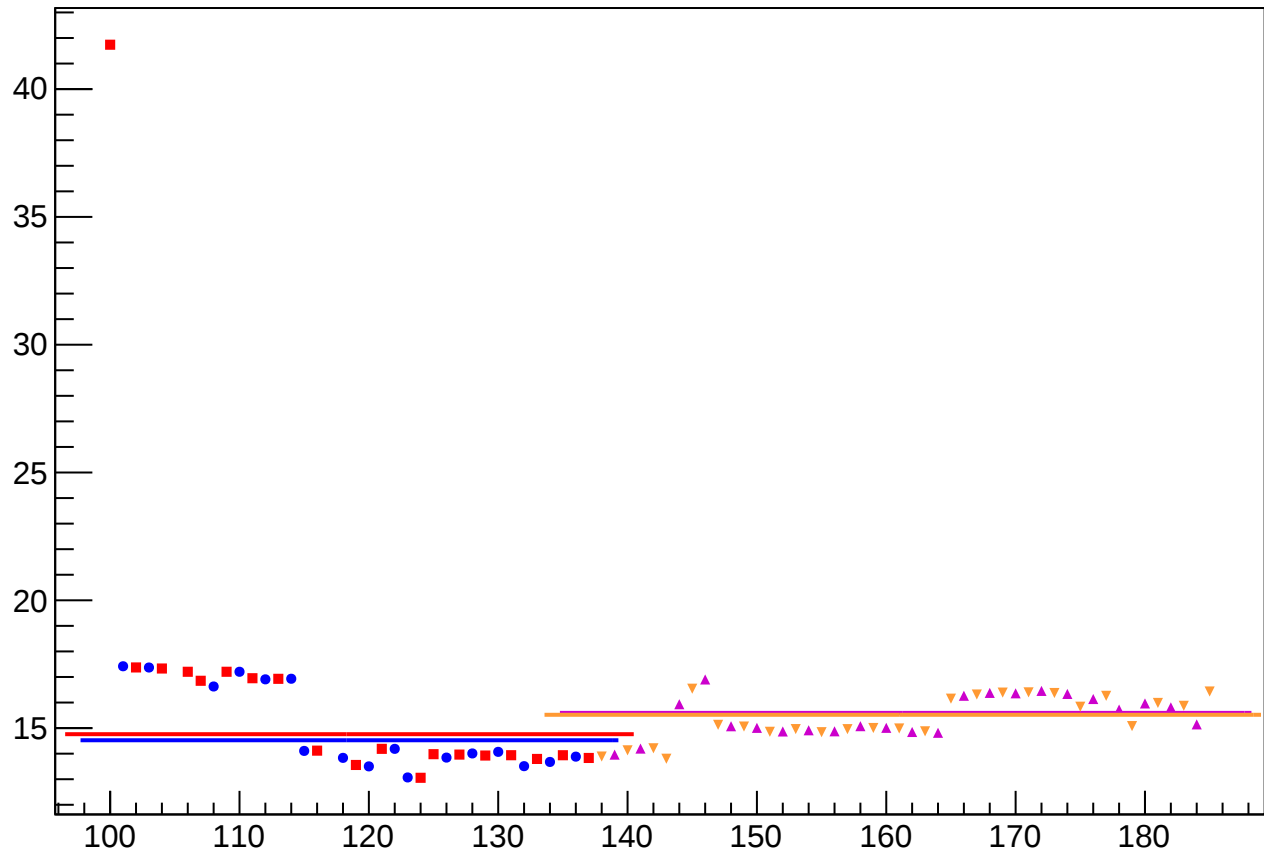
Left In: 0.058 $\pm$ 0.000 χ^2 /NDF: 1525476.4/22

+ sign 0.062 $\pm$ 0.000 χ^2 /NDF: 3268038.2/41

All: 0.061 $\pm$ 0.000 χ^2 /NDF: 8469705.5/83

- sign 0.059 $\pm$ 0.000 χ^2 /NDF: 5144868.1/41

yield_sam4_mean vs Slug



Right In: 14.524+/-0.000 χ^2/NDF : 1485492036.5/16

Left Out: 15.521+/-0.000 χ^2/NDF : 2591413880.3/24

Right Out: 14.762+/-0.000 χ^2/NDF : 1903088882.9/18

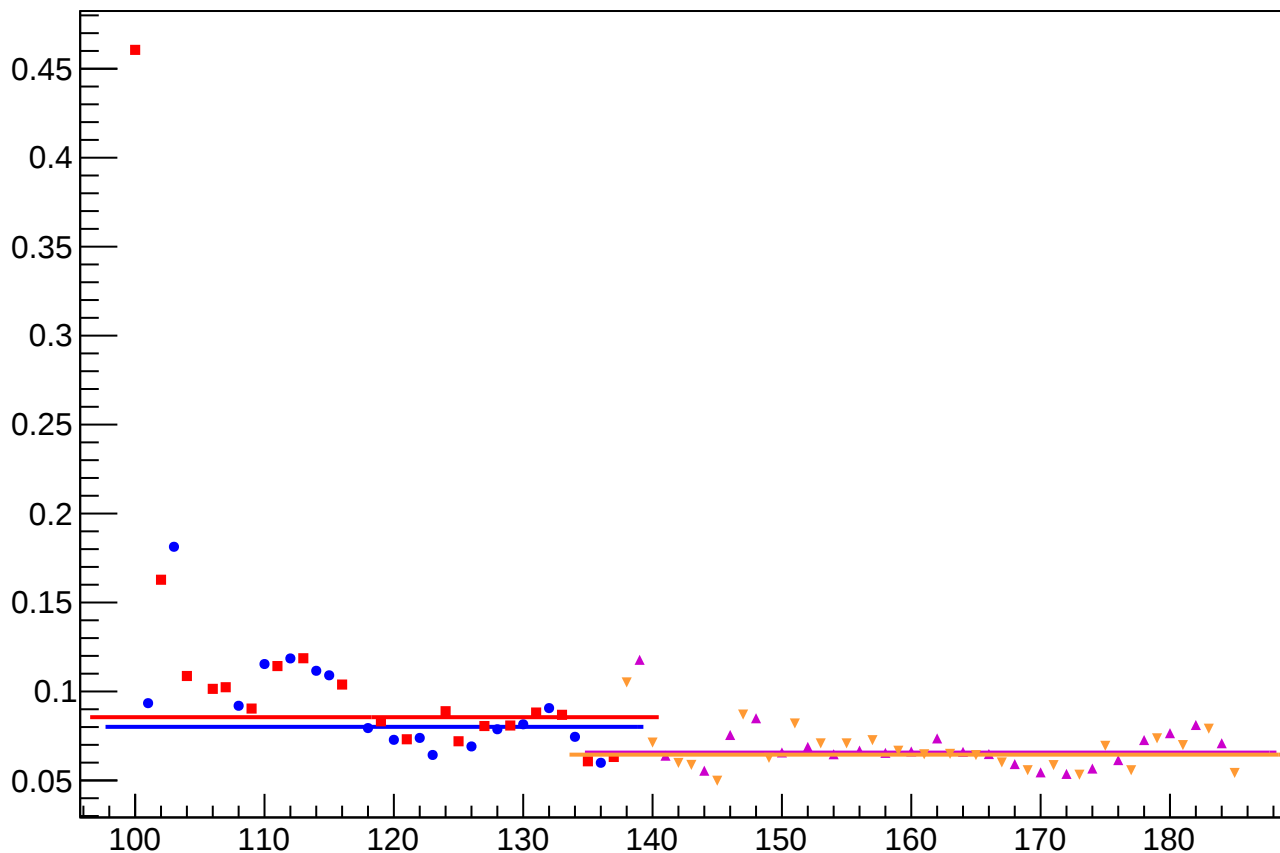
Left In: 15.595+/-0.000 χ^2/NDF : 1908733580.5/22

+ sign 15.335+/-0.000 χ^2/NDF : 4770768261.1/41

All: 15.384+/-0.000 χ^2/NDF : 9056834846.8/80

- sign 15.438+/-0.000 χ^2/NDF : 4262843887.8/41

yield_sam4_rms vs Slug



Right In: 0.080 $\pm$ 0.000 χ^2 /NDF: 775791.3/16

Left Out: 0.064 $\pm$ 0.000 χ^2 /NDF: 760867.9/24

Right Out: 0.086 $\pm$ 0.000 χ^2 /NDF: 738760.7/18

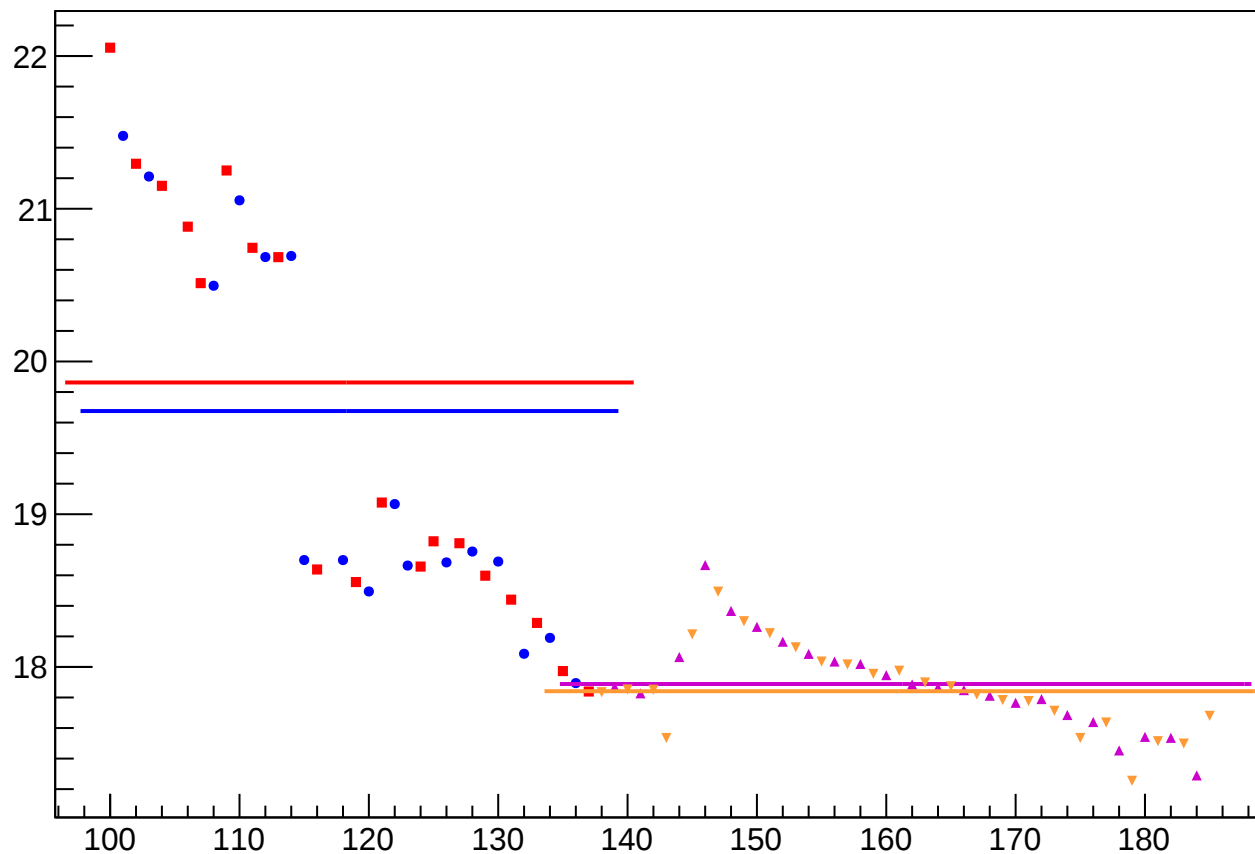
Left In: 0.066 $\pm$ 0.000 χ^2 /NDF: 714703.1/22

+ sign 0.067 $\pm$ 0.000 χ^2 /NDF: 1877531.7/41

All: 0.068 $\pm$ 0.000 χ^2 /NDF: 3862896.3/83

- sign 0.069 $\pm$ 0.000 χ^2 /NDF: 1967653.8/41

yield_sam5_mean vs Slug



Right In: 19.676+/-0.000 χ^2/NDF : 12360927493.1/16

Left Out: 17.841+/-0.000 χ^2/NDF : 1282509693.4/24

Right Out: 19.863+/-0.000 χ^2/NDF : 11443358824.6/18

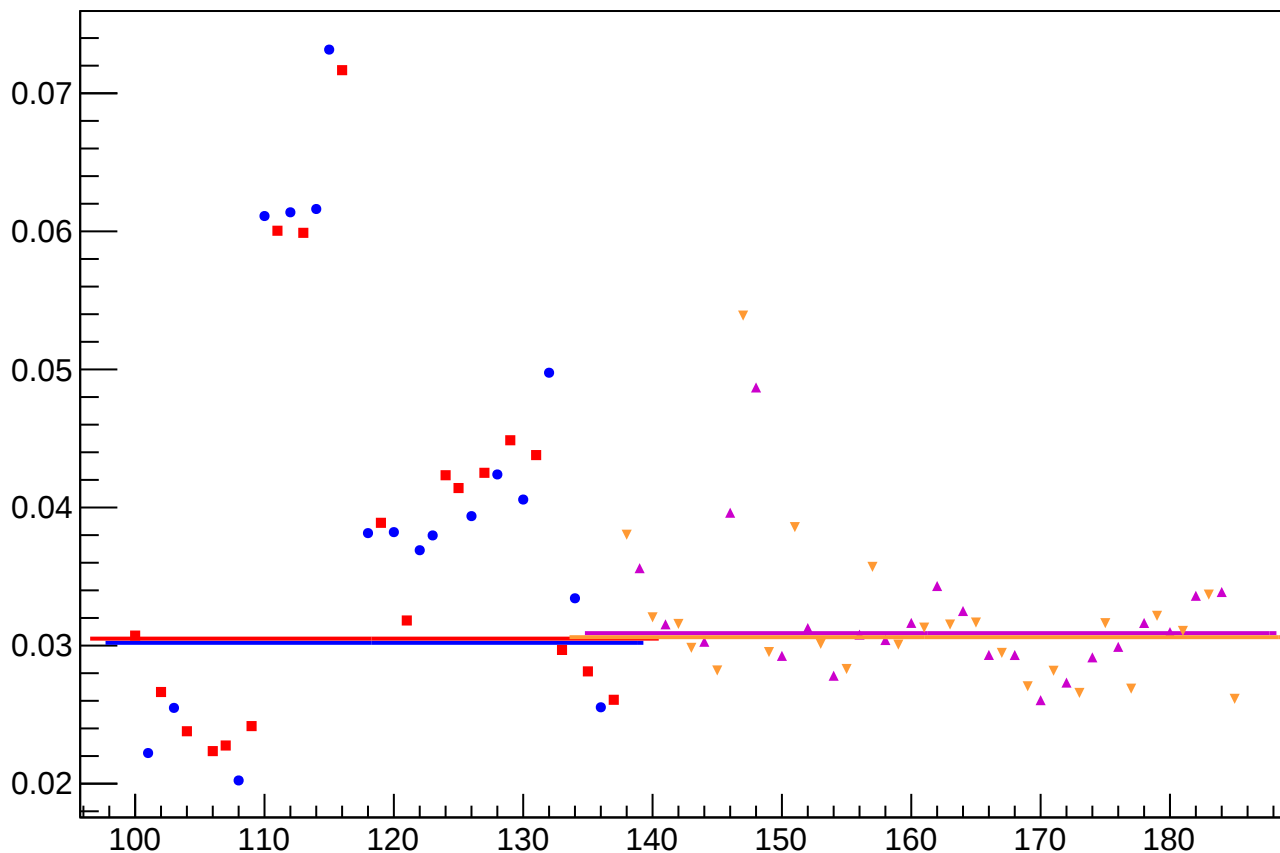
Left In: 17.888+/-0.000 χ^2/NDF : 1203002311.3/22

+ sign 18.294+/-0.000 χ^2/NDF : 29117666881.4/41

All: 18.353+/-0.000 χ^2/NDF : 60013379538.7

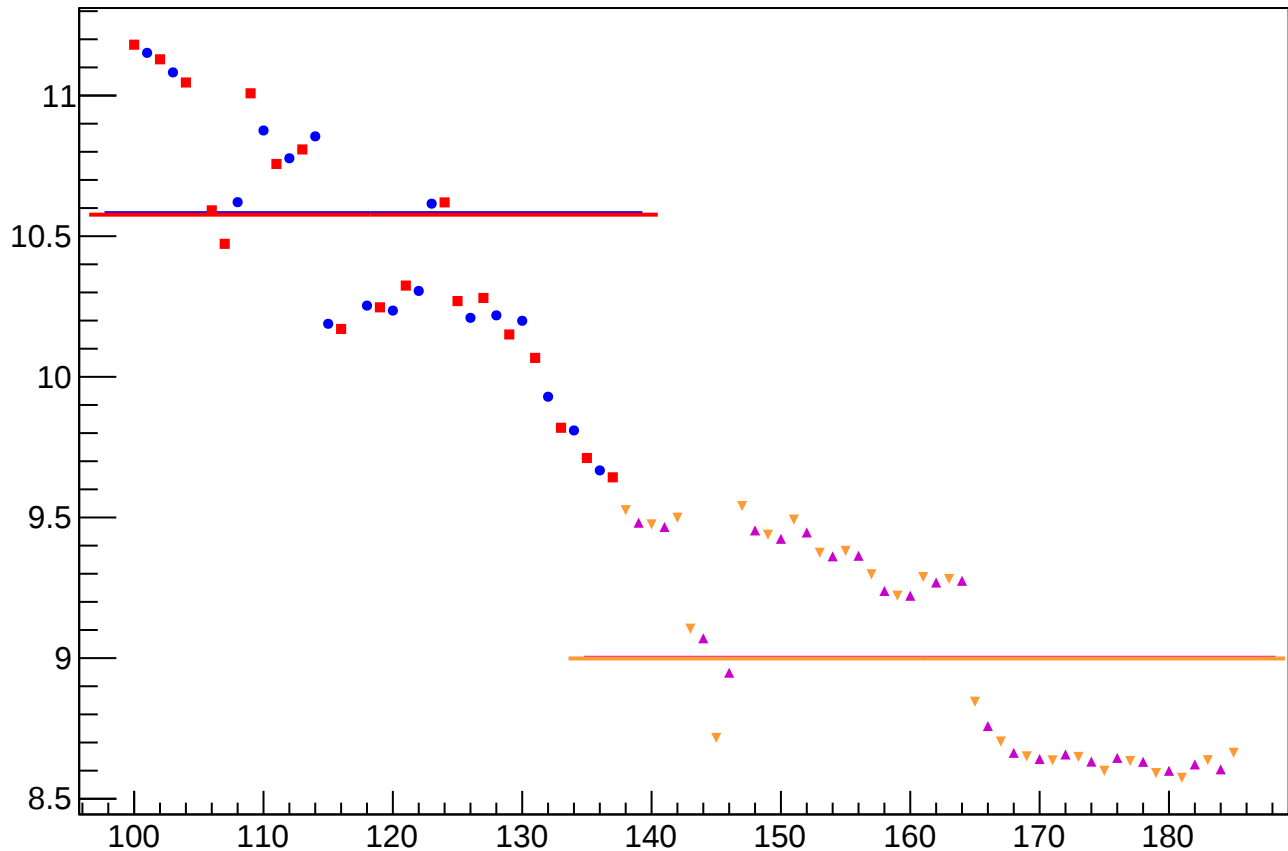
- sign 18.415+/-0.000 χ^2/NDF : 30716948758.3/41

yield_sam5_rms vs Slug



+ sign 0.031 ± 0.000 ($\chi^2/\text{NDF}: 1911249.2/41$)
 All: 0.031 ± 0.000 ($\chi^2/\text{NDF}: 3544459.7/83$)
 - sign 0.031 ± 0.000 ($\chi^2/\text{NDF}: 1631211.4/41$)

yield_sam6_mean vs Slug



Right In: 10.582 $\pm$ 0.000 χ^2 /NDF: 7496301993.4/16

Left Out: 8.999 $\pm$ 0.000 χ^2 /NDF: 6391385684.6/24

Right Out: 10.577 $\pm$ 0.000 χ^2 /NDF: 5832154064.6/18

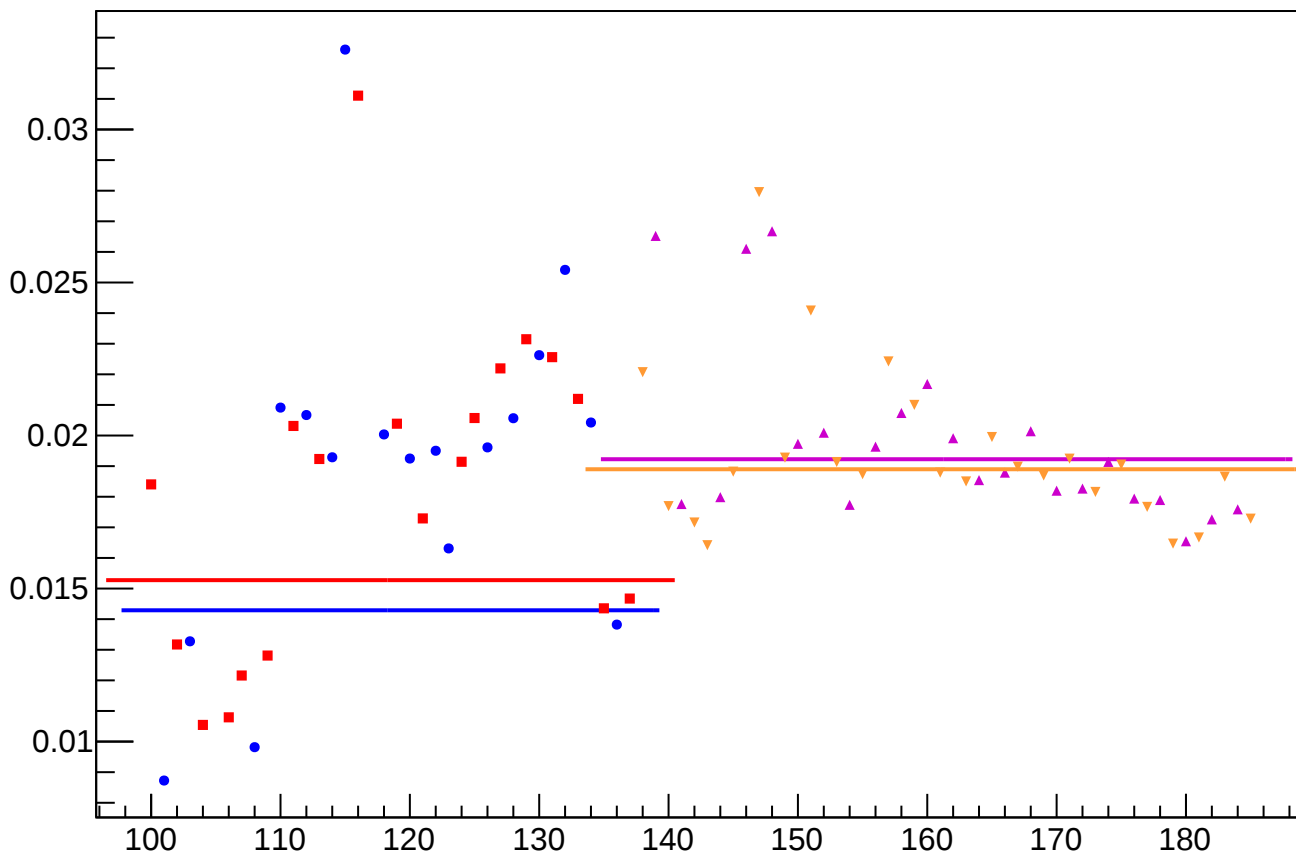
Left In: 9.001 $\pm$ 0.000 χ^2 /NDF: 5314536205.4/22

+ sign 9.563 $\pm$ 0.000 χ^2 /NDF: 55862018055.6/41

All: 9.574 $\pm$ 0.000 χ^2 /NDF: 106425931926.7

- sign 9.585 $\pm$ 0.000 χ^2 /NDF: 50546603308.8/41

yield_sam6_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1401060.2/16

Left Out: 0.019 $\pm$ 0.000 χ^2 /NDF: 428176.5/24

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 983878.2/18

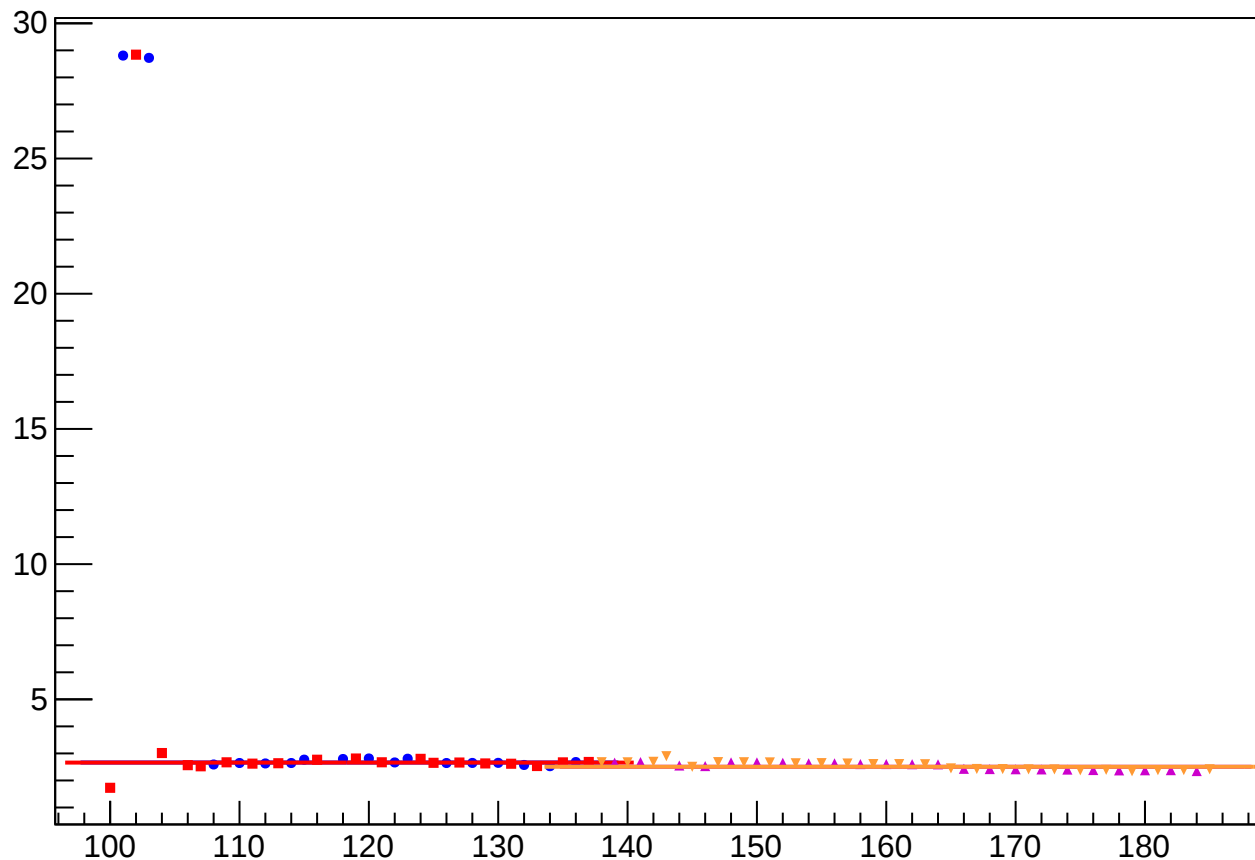
Left In: 0.019 $\pm$ 0.000 χ^2 /NDF: 481824.0/22

+ sign 0.017 $\pm$ 0.000 χ^2 /NDF: 2540642.0/41

All: 0.017 $\pm$ 0.000 χ^2 /NDF: 4520163.8/83

- sign 0.018 $\pm$ 0.000 χ^2 /NDF: 1961530.4/41

yield_sam7_mean vs Slug



Right In: 2.664 $\pm$ 0.000 χ^2 /NDF: 163239224312.8/16

Left Out: 2.507 $\pm$ 0.000 χ^2 /NDF: 64265840980.5/24

Right Out: 2.661 $\pm$ 0.000 χ^2 /NDF: 70469517041.1/18

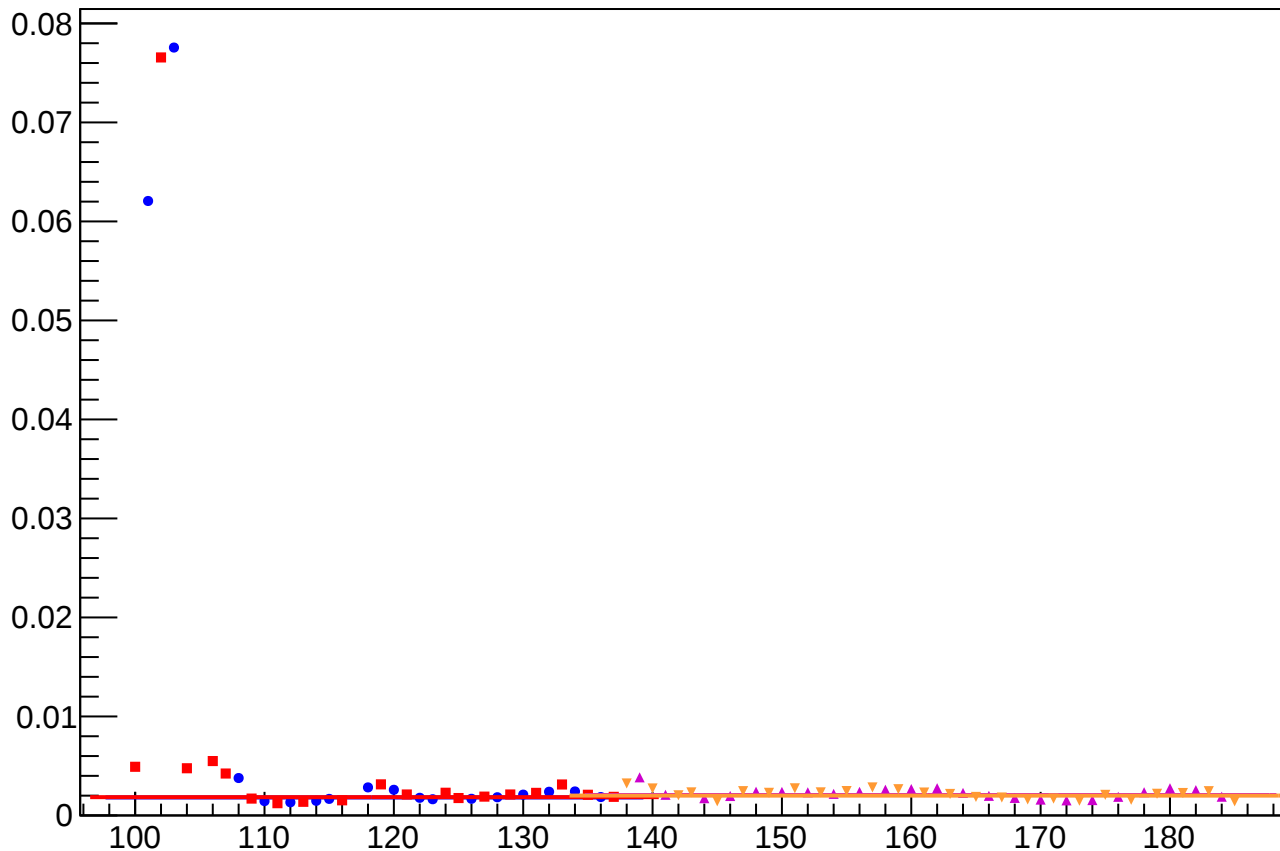
Left In: 2.505 $\pm$ 0.000 χ^2 /NDF: 42893630742.5/22

+ sign 2.549 $\pm$ 0.000 χ^2 /NDF: 251777996777.3/41

All: 2.550 $\pm$ 0.000 χ^2 /NDF: 389054473716.2

- sign 2.552 $\pm$ 0.000 χ^2 /NDF: 137256422971.1/41

yield_sam7_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2661214.8/16

Left Out: 0.002 $\pm$ 0.000 χ^2 /NDF:1468685.1/24

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2328485.5/18

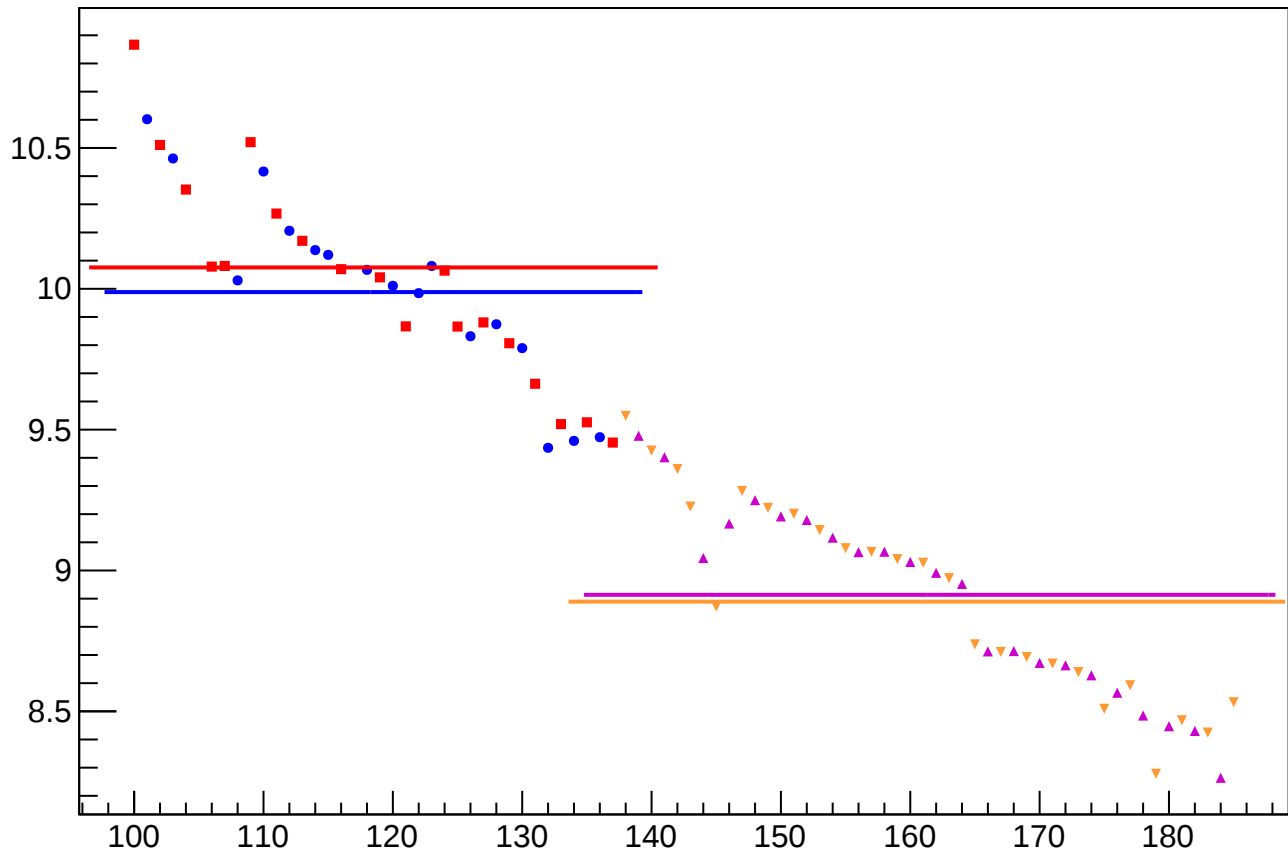
Left In: 0.002 $\pm$ 0.000 χ^2 /NDF:1303230.9/22

+ sign 0.002 $\pm$ 0.000 χ^2 /NDF: 4200193.2/41

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 7928209.8/83

- sign 0.002 $\pm$ 0.000 χ^2 /NDF: 3720177.9/41

yield_sam8_mean vs Slug



Right In: 9.988 $\pm$ 0.000 χ^2 /NDF: 19058102133.2/16

Left Out: 8.889 $\pm$ 0.000 χ^2 /NDF: 34689173346.9/24

Right Out: 10.076 $\pm$ 0.000 χ^2 /NDF: 15960763158.3/18

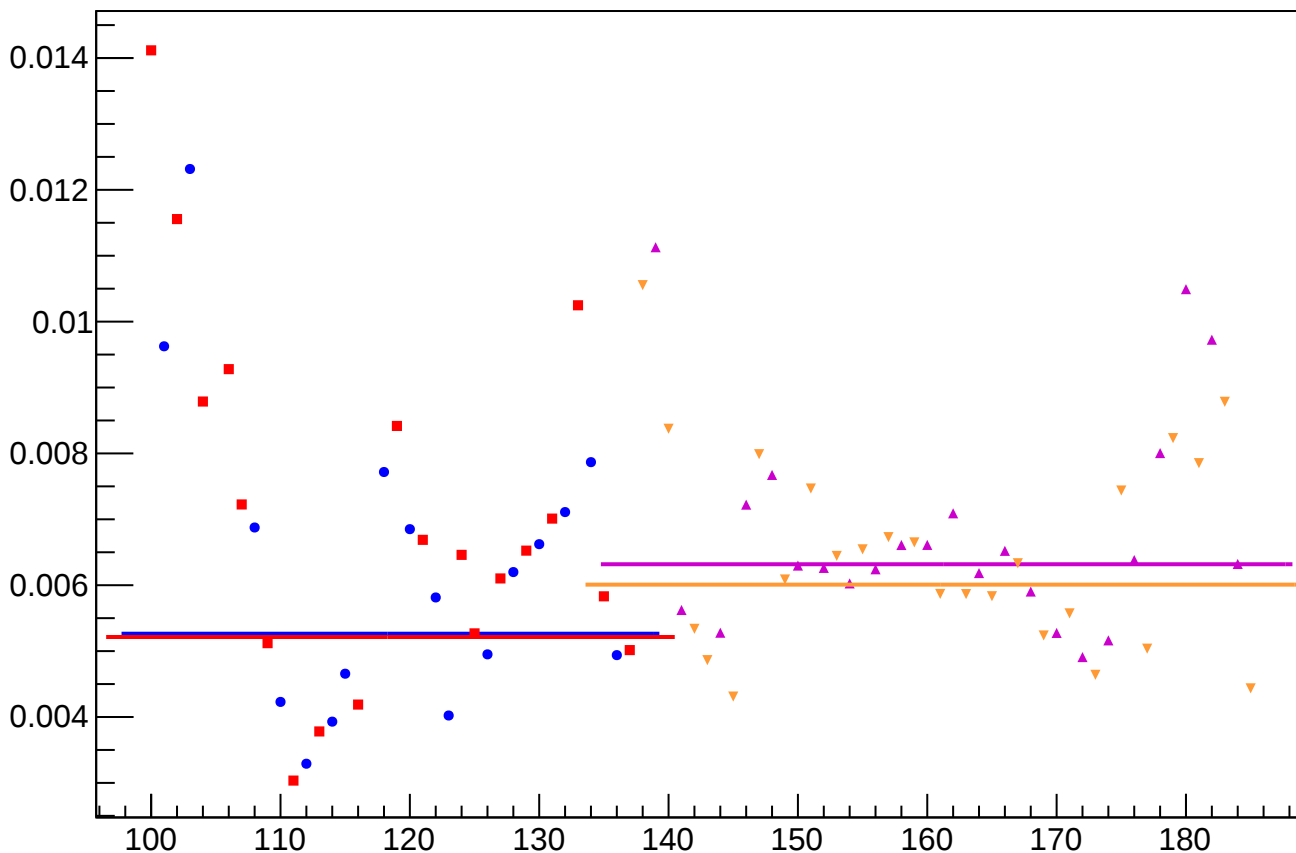
Left In: 8.914 $\pm$ 0.000 χ^2 /NDF: 28497227562.7/22

+ sign 9.230 $\pm$ 0.000 χ^2 /NDF: 204637486389.8/41

All: 9.276 $\pm$ 0.000 χ^2 /NDF: 418611442799.4

- sign 9.326 $\pm$ 0.000 χ^2 /NDF: 211402926056.0/41

yield_sam8_rms vs Slug



Right In: 0.005 $\pm$ 0.000 χ^2 /NDF: 1249771.4/16

Left Out: 0.006 $\pm$ 0.000 χ^2 /NDF:1311569.5/24

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 1653053.2/18

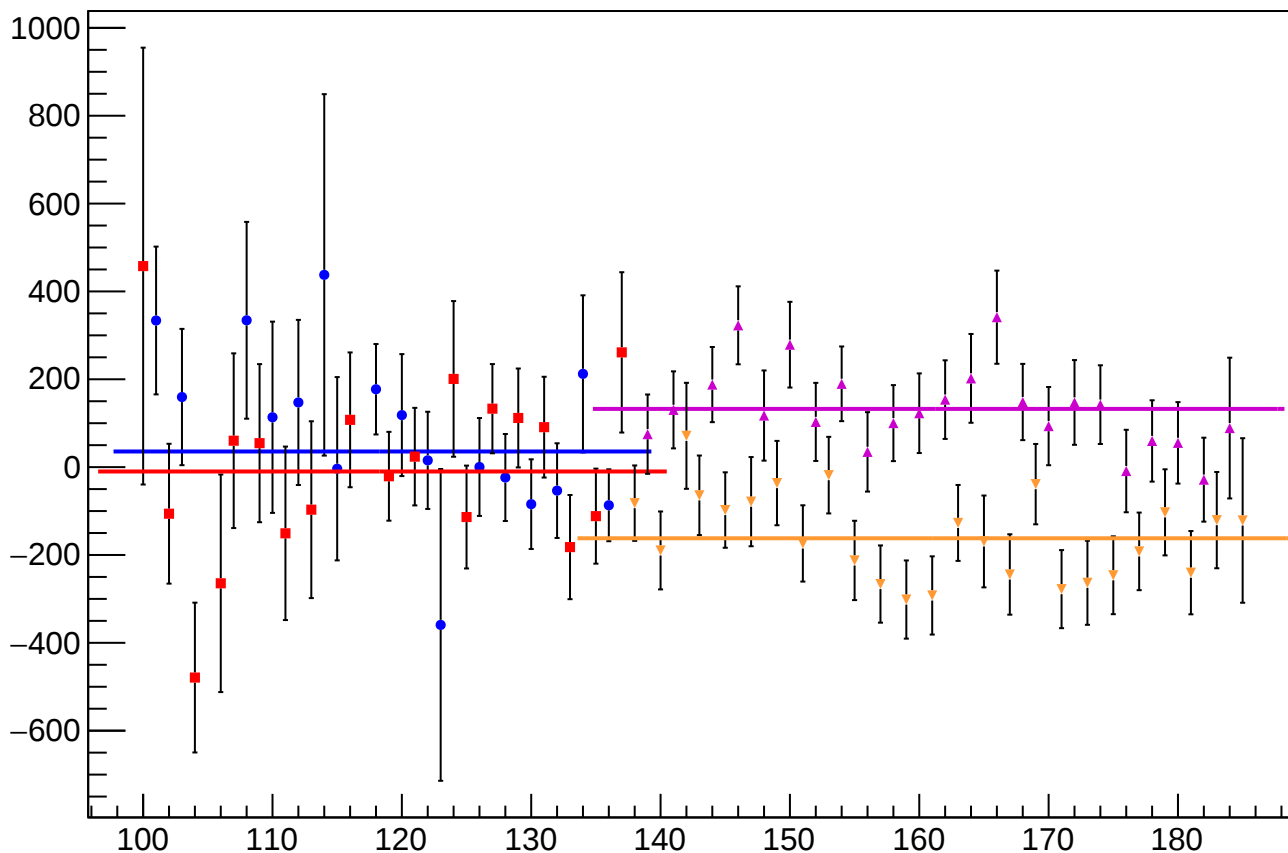
Left In: 0.006 $\pm$ 0.000 χ^2 /NDF:1087051.3/22

+ sign 0.006 $\pm$ 0.000 χ^2 /NDF: 2699979.9/41

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 5753736.3/83

- sign 0.006 $\pm$ 0.000 χ^2 /NDF: 3041365.7/41

reg_asym_sam1_mean vs Slug



Right In: 35.612 ± 32.342 χ^2/NDF : 16.3/16

Left Out: -161.964 ± 18.747 χ^2/NDF : 25.7/24

Right Out: -9.921 ± 32.186 χ^2/NDF : 22.8/18

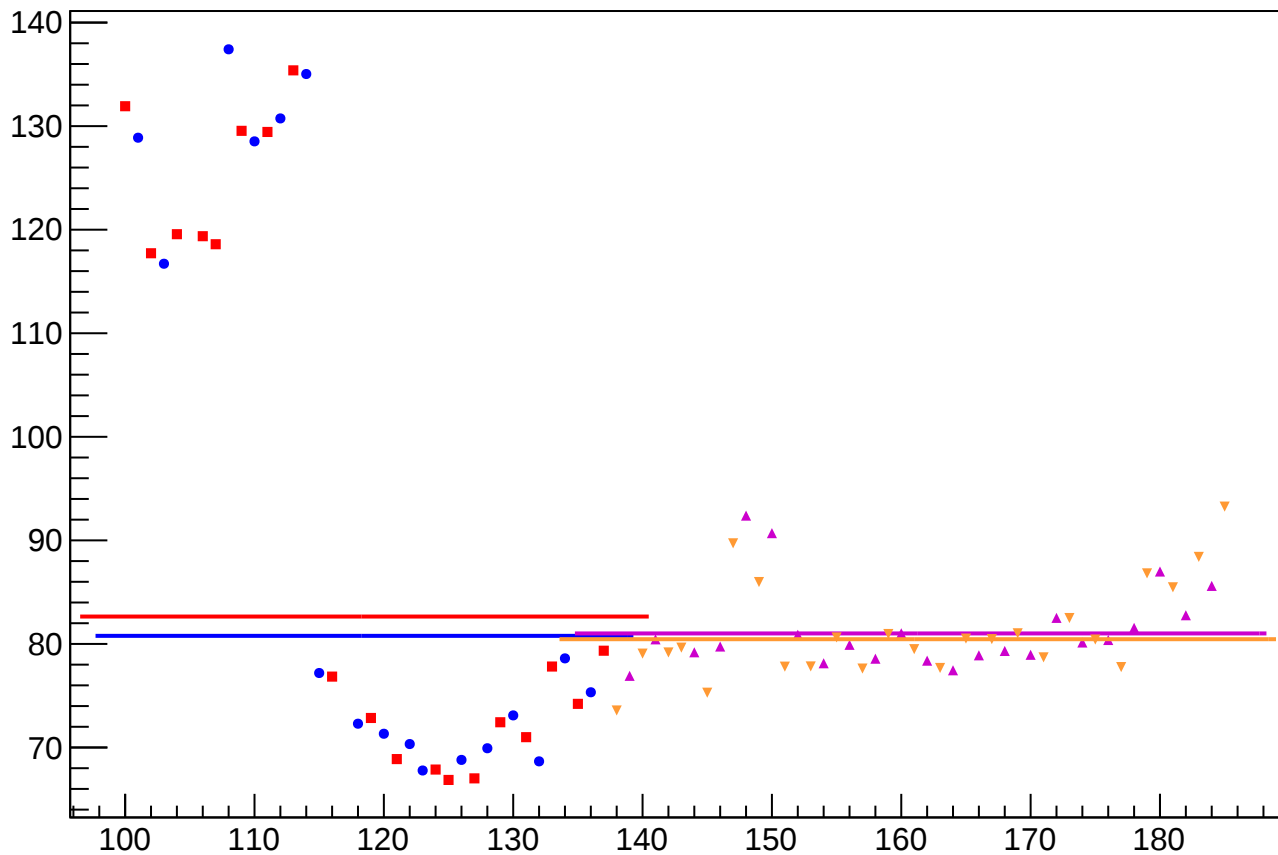
Left In: 132.557 ± 19.403 χ^2/NDF : 20.7/22

+ sign -112.277 ± 16.219 χ^2/NDF : 69.9/41

All: -11.358 ± 11.607 χ^2/NDF : 207.3/83

- sign 94.579 ± 16.617 χ^2/NDF : 58.0/41

reg_asym_sam1_rms vs Slug



Right In: 80.781 $\pm$ 0.023 χ^2 /NDF: 807781.3/16

Left Out: 80.457 $\pm$ 0.013 χ^2 /NDF:89838.3/24

Right Out: 82.645 $\pm$ 0.023 χ^2 /NDF: 908392.3/18

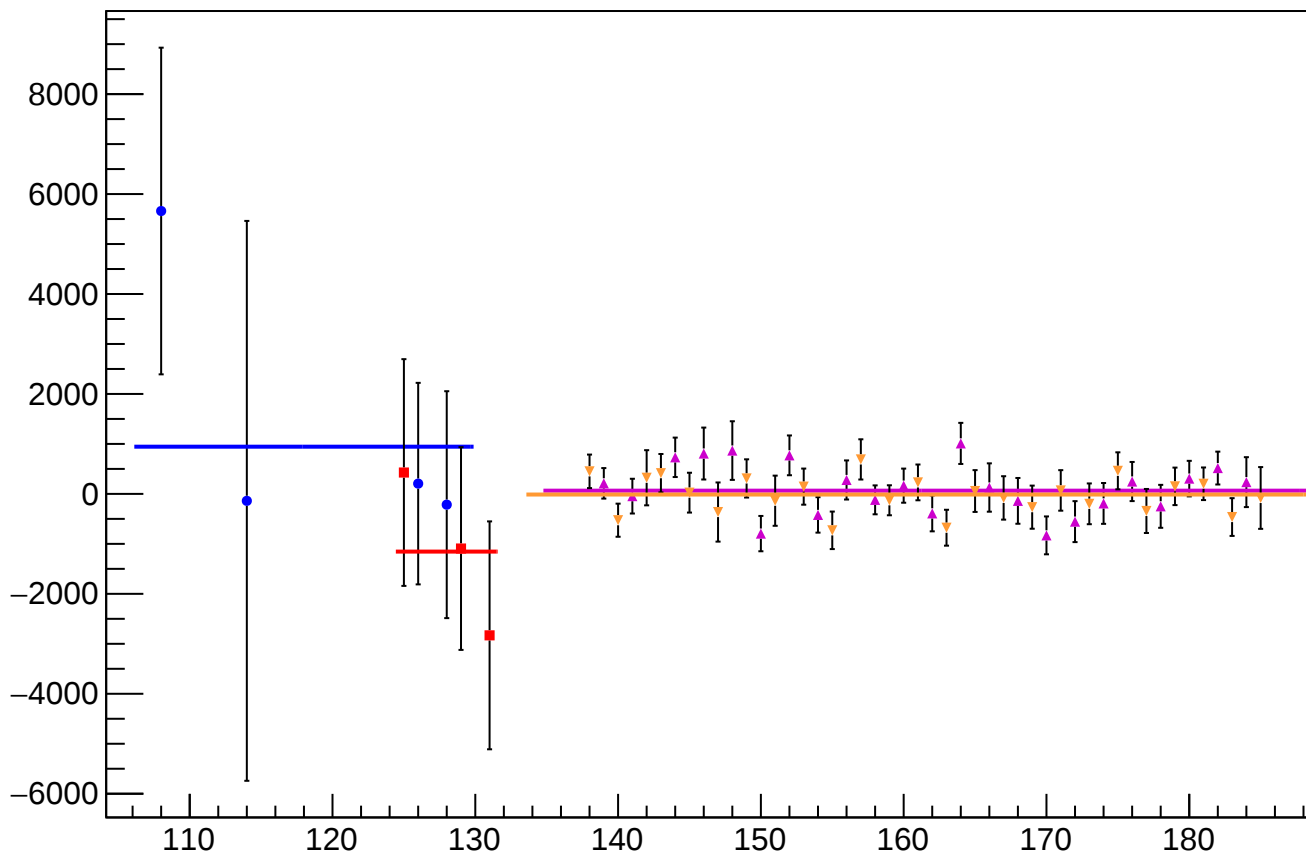
Left In: 81.014 $\pm$ 0.014 χ^2 /NDF:72250.2/22

+ sign 80.538 $\pm$ 0.011 χ^2 /NDF: 897770.0/41

All: 80.982 $\pm$ 0.008 χ^2 /NDF: 1885253.6/83

- sign 81.449 $\pm$ 0.012 χ^2 /NDF: 984409.7/41

asym_sam1_correction_mean vs Slug



Right In: 944.622 ± 1329.889 $\chi^2/\text{NDF}: 2.5/3$

Left Out: -12.771 ± 78.406 $\chi^2/\text{NDF}: 22.9/24$

Right Out: -1154.707 ± 1260.302 $\chi^2/\text{NDF}: 1.0/2$

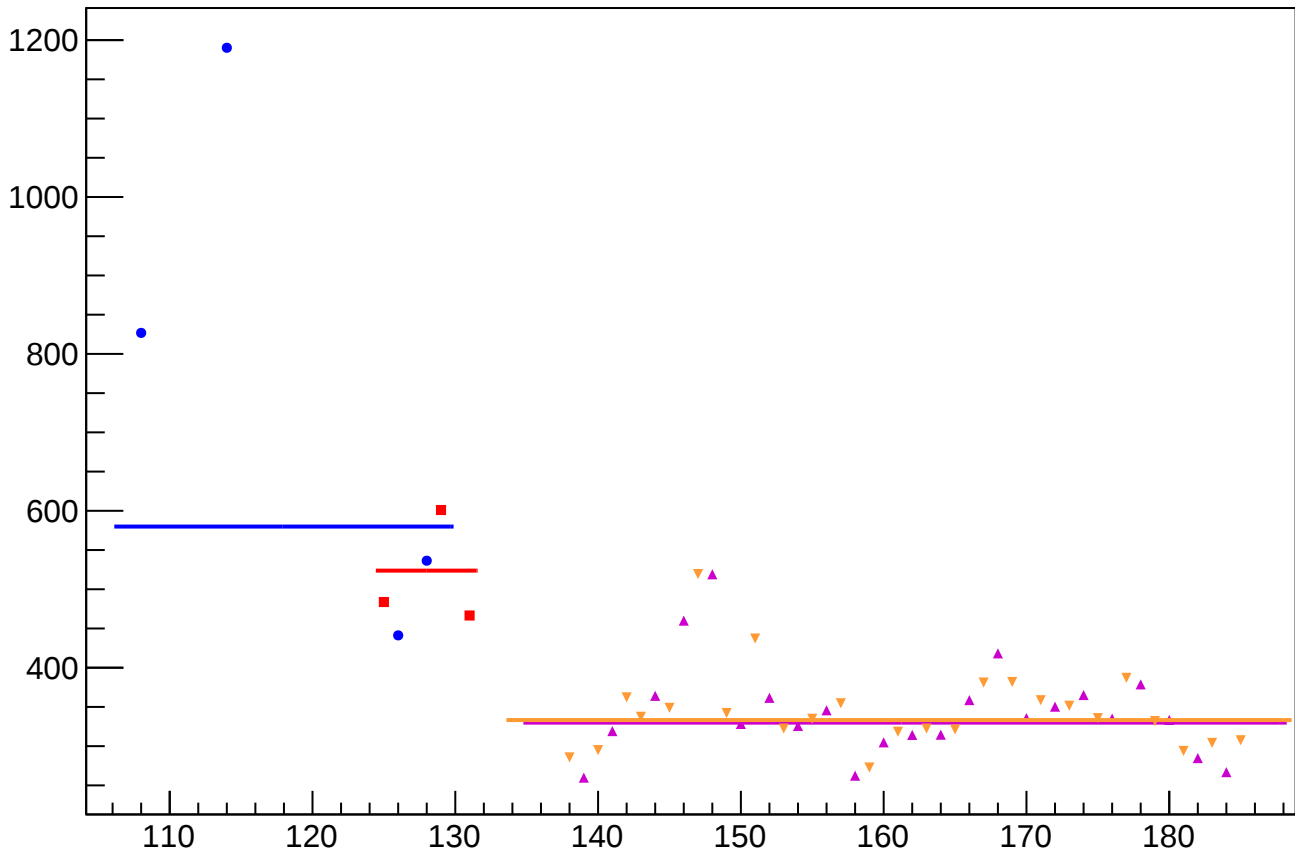
Left In: 64.591 ± 80.047 $\chi^2/\text{NDF}: 37.4/22$

+ sign -9.455 ± 78.270 $\chi^2/\text{NDF}: 25.9/28$

All: 24.413 ± 55.908 $\chi^2/\text{NDF}: 65.6/54$

- sign 59.692 ± 79.886 $\chi^2/\text{NDF}: 39.4/25$

asym_sam1_correction_rms vs Slug



Right In: 579.917 ± 0.940 χ^2/NDF : 45346.8/3

Left Out: 333.257 ± 0.055 χ^2/NDF : 591772.7/24

Right Out: 523.753 ± 0.891 χ^2/NDF : 4780.0/2

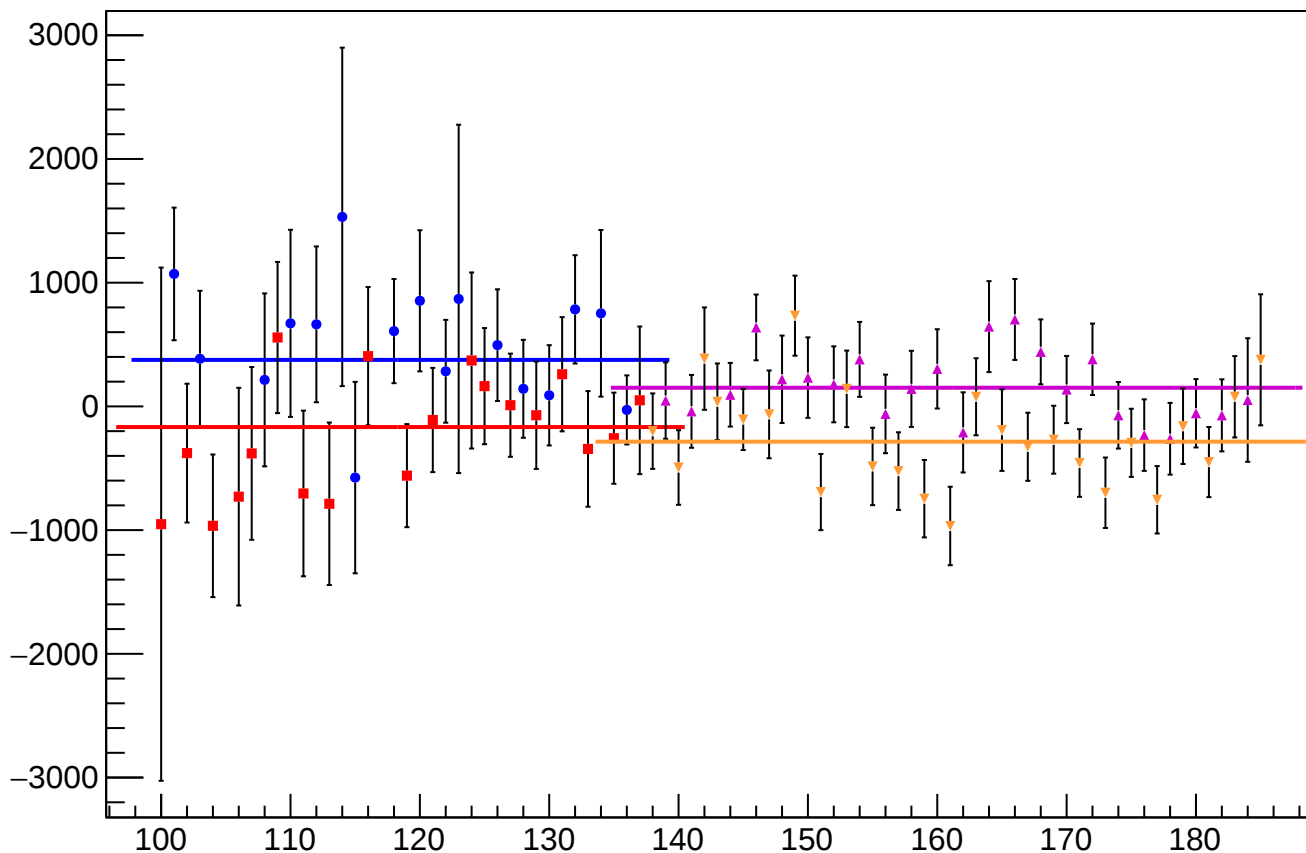
Left In: 329.985 ± 0.057 χ^2/NDF : 795969.0/22

+ sign 334.112 ± 0.055 χ^2/NDF : 705682.5/28

All: 332.472 ± 0.040 χ^2/NDF : 1555309.8/54

- sign 330.764 ± 0.056 χ^2/NDF : 847835.3/25

reg_asym_sam2_mean vs Slug



Right In: 376.077+/-121.292 χ^2/NDF : 9.7/16

Left Out: -285.148+/-61.101 χ^2/NDF : 36.7/24

Right Out: -166.872+/-120.731 χ^2/NDF : 10.1/18

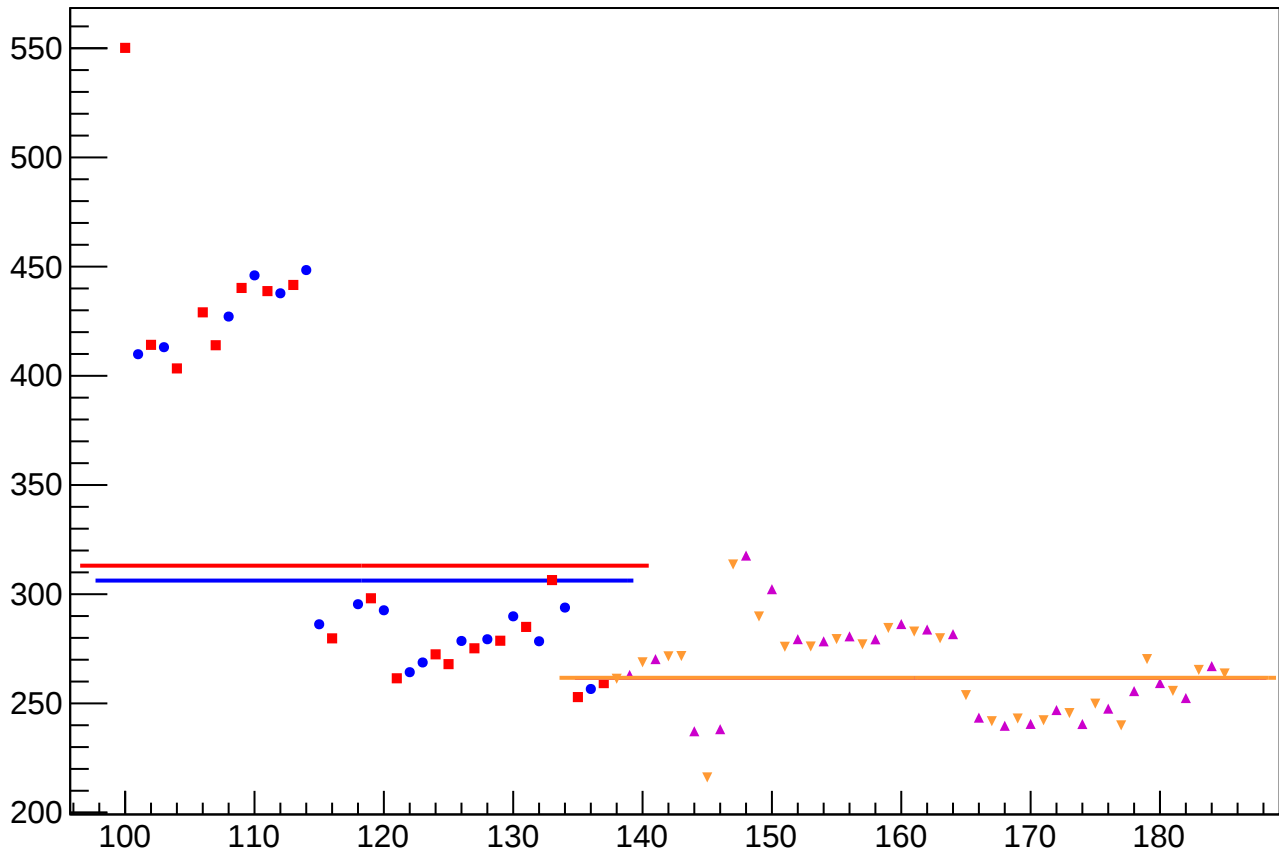
Left In: 150.920+/-62.818 χ^2/NDF : 18.7/22

+ sign -151.313+/-54.568 χ^2/NDF : 70.1/41

All: -36.510+/-38.988 χ^2/NDF : 113.4/83

- sign 83.215+/-55.726 χ^2/NDF : 34.2/41

reg_asym_sam2_rms vs Slug



Right In: 306.241 $\pm$ 0.086 χ^2 /NDF: 505092.7/16

Left Out: 261.717 $\pm$ 0.043 χ^2 /NDF: 233206.3/24

Right Out: 313.066 $\pm$ 0.085 χ^2 /NDF: 621526.7/18

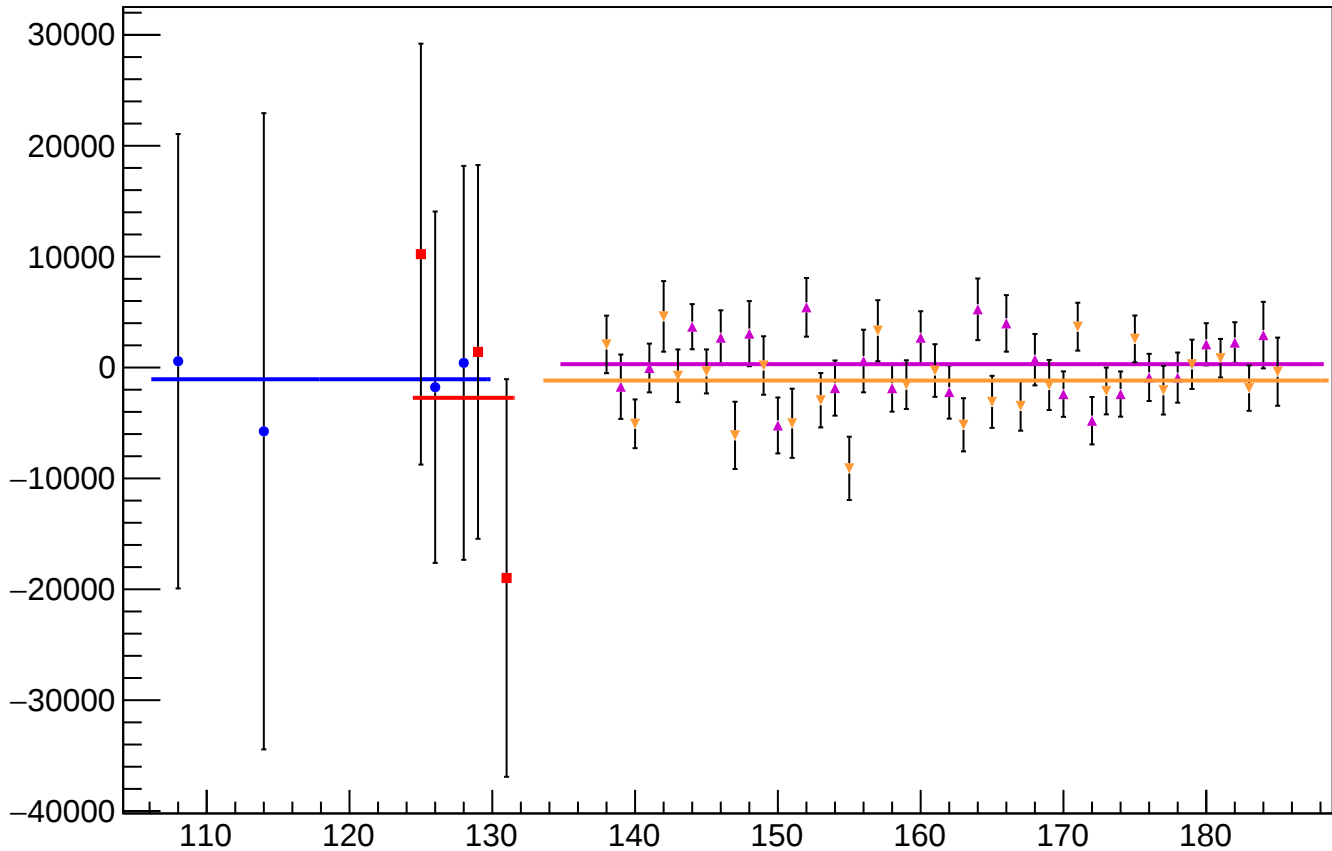
Left In: 261.637 $\pm$ 0.044 χ^2 /NDF: 228241.3/22

+ sign 270.729 $\pm$ 0.039 χ^2 /NDF: 953249.0/41

All: 271.642 $\pm$ 0.028 χ^2 /NDF: 2089768.7/83

- sign 272.594 $\pm$ 0.039 χ^2 /NDF: 1135376.5/41

asym_sam2_correction_mean vs Slug



Right In: -1057.023 ± 9645.185 χ^2/NDF : 0.0/3

Left Out: -1171.790 ± 469.109 χ^2/NDF : 38.8/24

Right Out: -2731.442 ± 10310.351 χ^2/NDF : 1.3/2

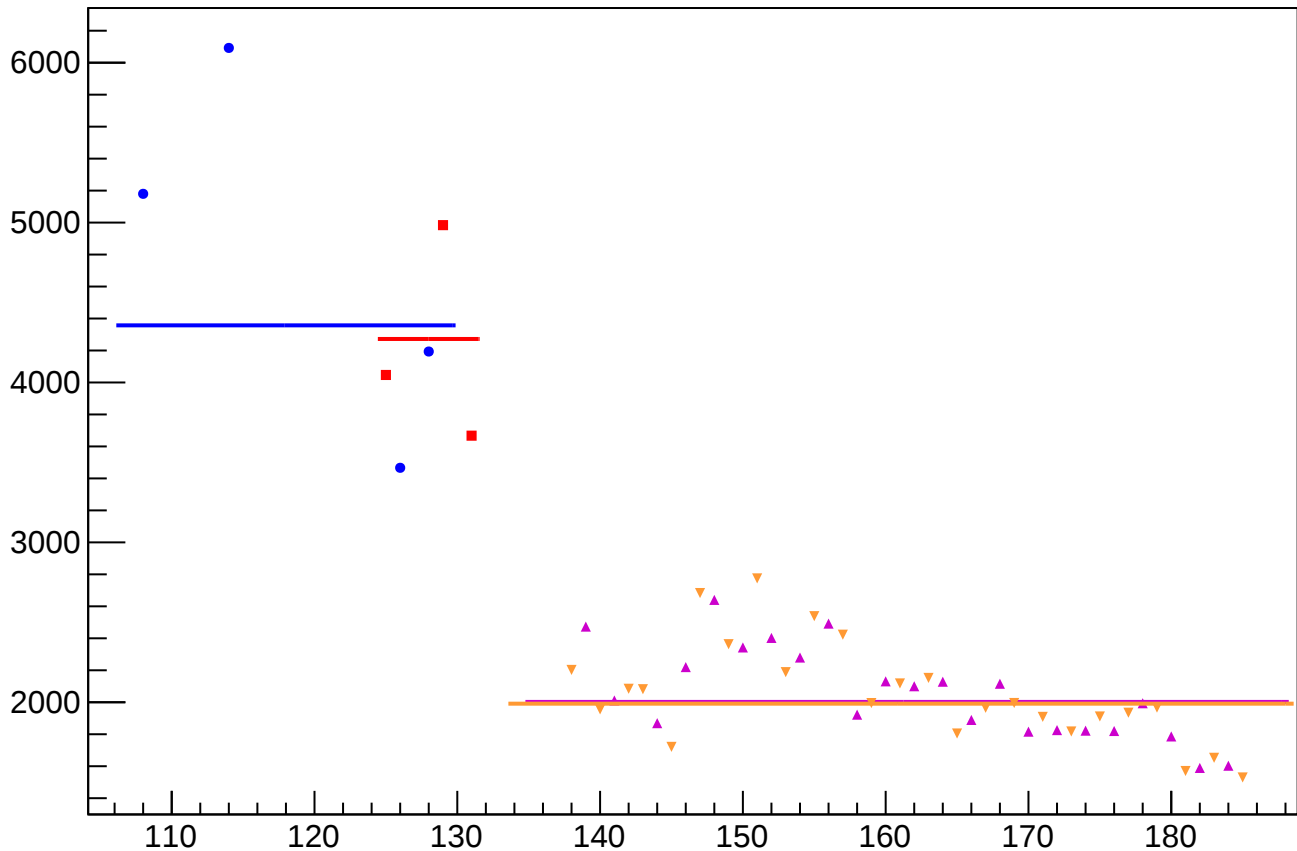
Left In: 304.366 ± 483.778 χ^2/NDF : 35.4/22

+ sign -1171.519 ± 468.555 χ^2/NDF : 38.9/28

All: -459.584 ± 336.393 χ^2/NDF : 80.4/54

- sign 297.697 ± 483.247 χ^2/NDF : 36.8/25

asym_sam2_correction_rms vs Slug



Right In: 4357.248+/-6.820 χ^2/NDF : 17030.4/3

Left Out: 1991.161+/-0.332 χ^2/NDF : 726286.3/24

Right Out: 4272.099+/-7.291 χ^2/NDF : 6125.9/2

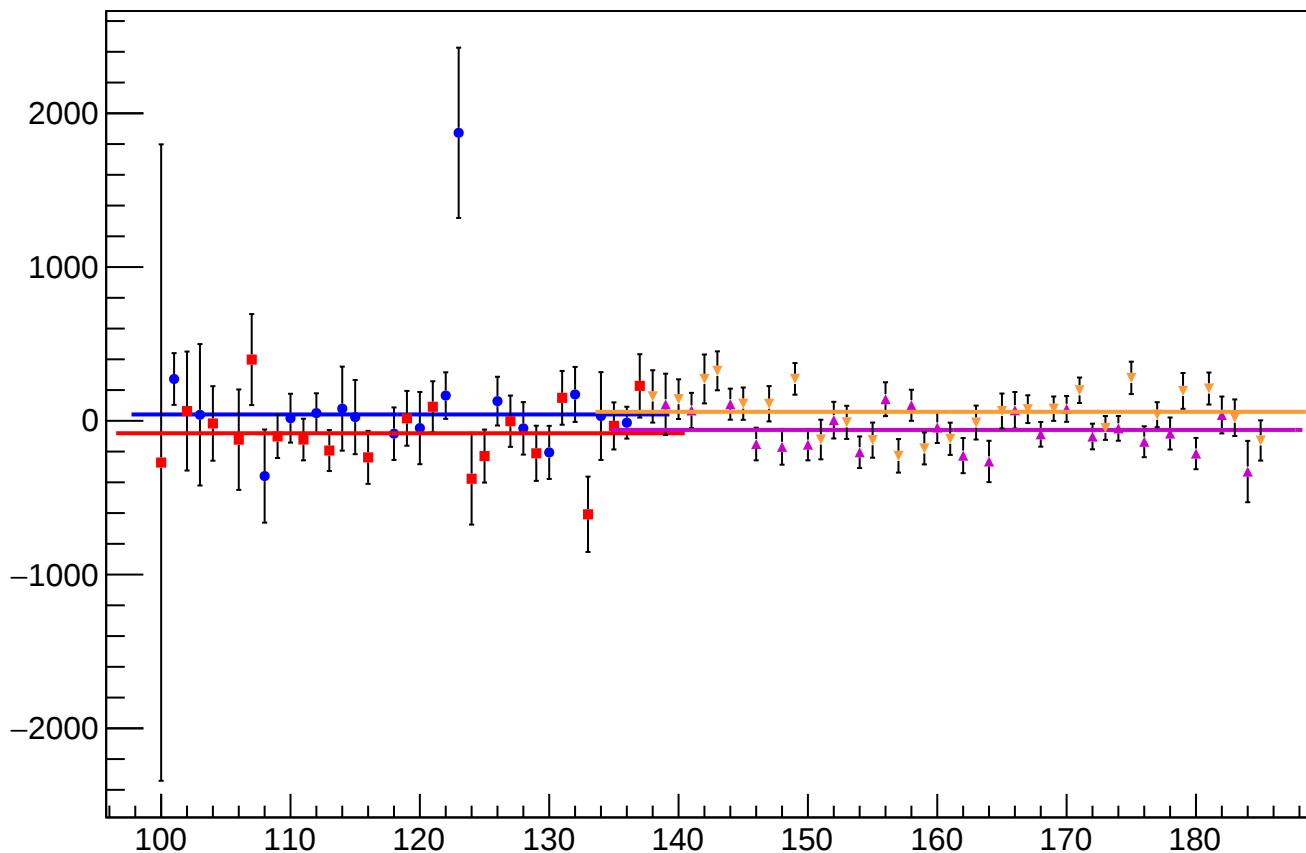
Left In: 2002.154+/-0.342 χ^2/NDF : 585947.4/22

+ sign 1996.745+/-0.331 χ^2/NDF : 863389.3/28

All: 2001.782+/-0.238 χ^2/NDF : 1552669.1/54

- sign 2007.140+/-0.342 χ^2/NDF : 688802.8/25

reg_asym_sam3_mean vs Slug



Right In: 41.443 $\pm$ 43.633 χ^2 /NDF: 19.4/16

Left Out: 58.591 $\pm$ 21.139 χ^2 /NDF: 47.0/24

Right Out: -80.808 $\pm$ 43.212 χ^2 /NDF: 17.1/18

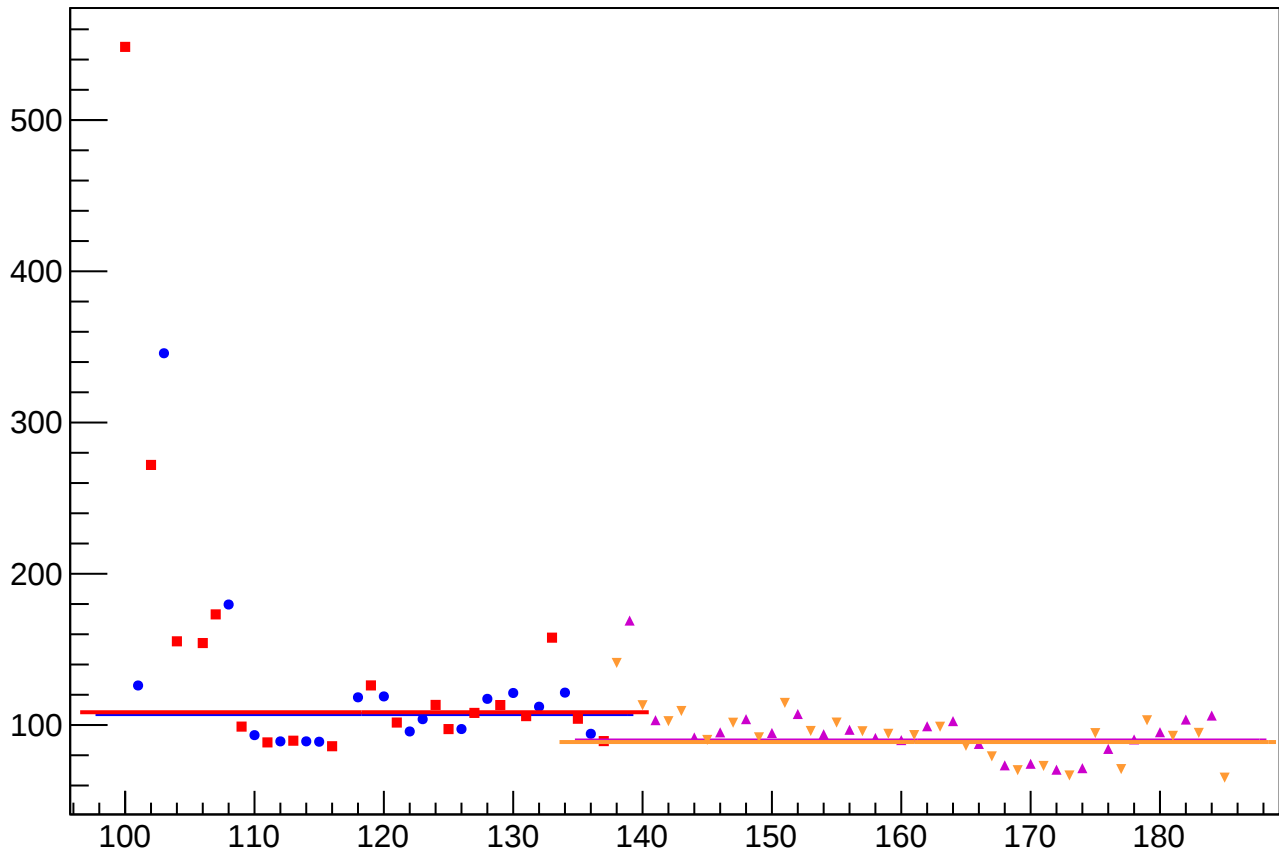
Left In: -59.235 $\pm$ 21.921 χ^2 /NDF: 29.4/22

+ sign 55.331 $\pm$ 19.024 χ^2 /NDF: 66.5/41

All: -2.539 $\pm$ 13.634 χ^2 /NDF: 132.2/83

- sign -63.650 $\pm$ 19.549 χ^2 /NDF: 46.6/41

reg_asym_sam3_rms vs Slug



Right In: 107.231 $\pm$ 0.031 χ^2 /NDF: 843493.4/16

Left Out: 88.745 $\pm$ 0.015 χ^2 /NDF: 1079212.7/24

Right Out: 108.446 $\pm$ 0.031 χ^2 /NDF: 917457.6/18

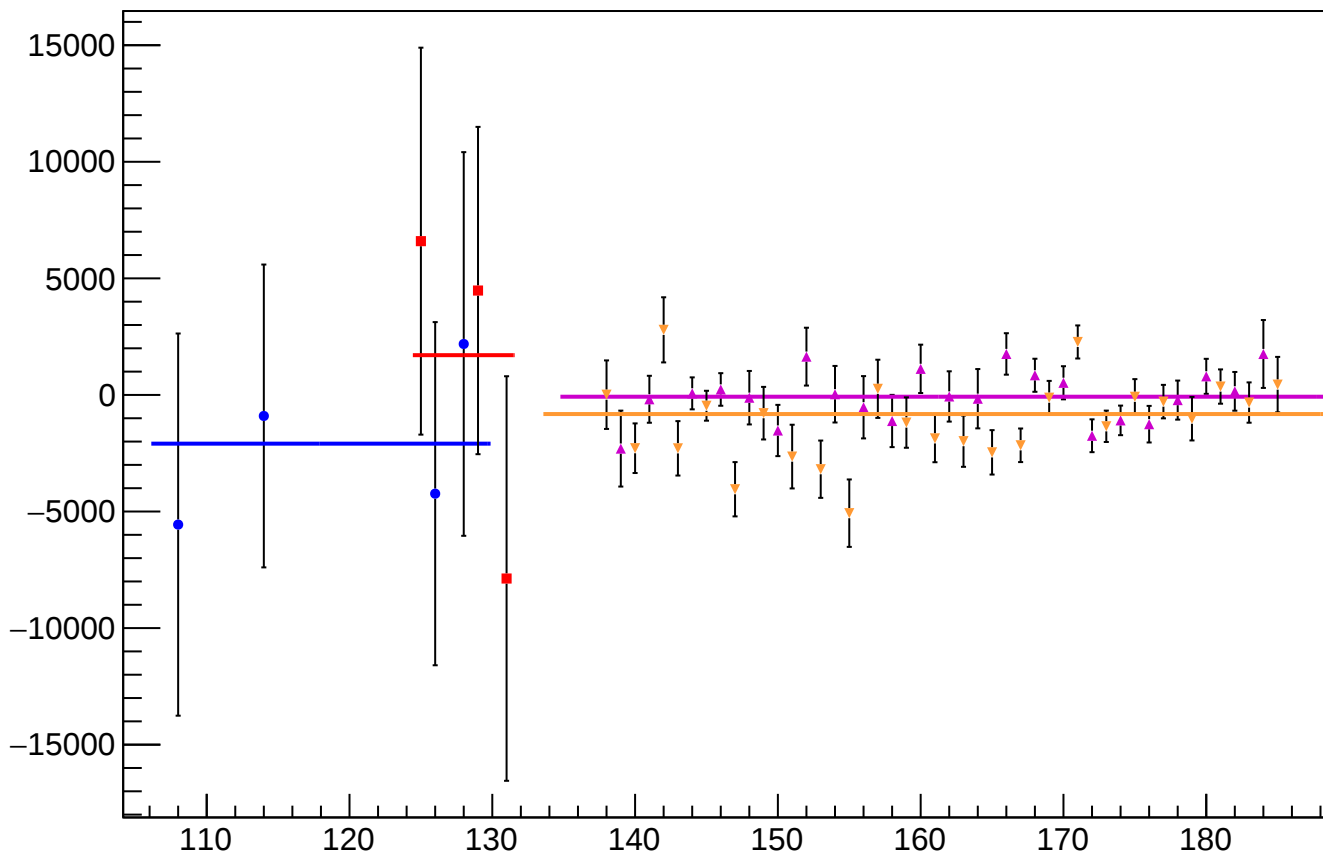
Left In: 89.766 $\pm$ 0.016 χ^2 /NDF: 885818.0/22

+ sign 92.260 $\pm$ 0.013 χ^2 /NDF: 2213456.1/41

All: 92.906 $\pm$ 0.010 χ^2 /NDF: 4318744.3/83

- sign 93.589 $\pm$ 0.014 χ^2 /NDF: 2100536.7/41

asym_sam3_correction_mean vs Slug



Right In: -2089.367 ± 3731.168 $\chi^2/\text{NDF}: 0.6/3$

Left Out: -819.510 ± 184.485 $\chi^2/\text{NDF}: 68.2/24$

Right Out: 1705.730 ± 4559.420 $\chi^2/\text{NDF}: 1.7/2$

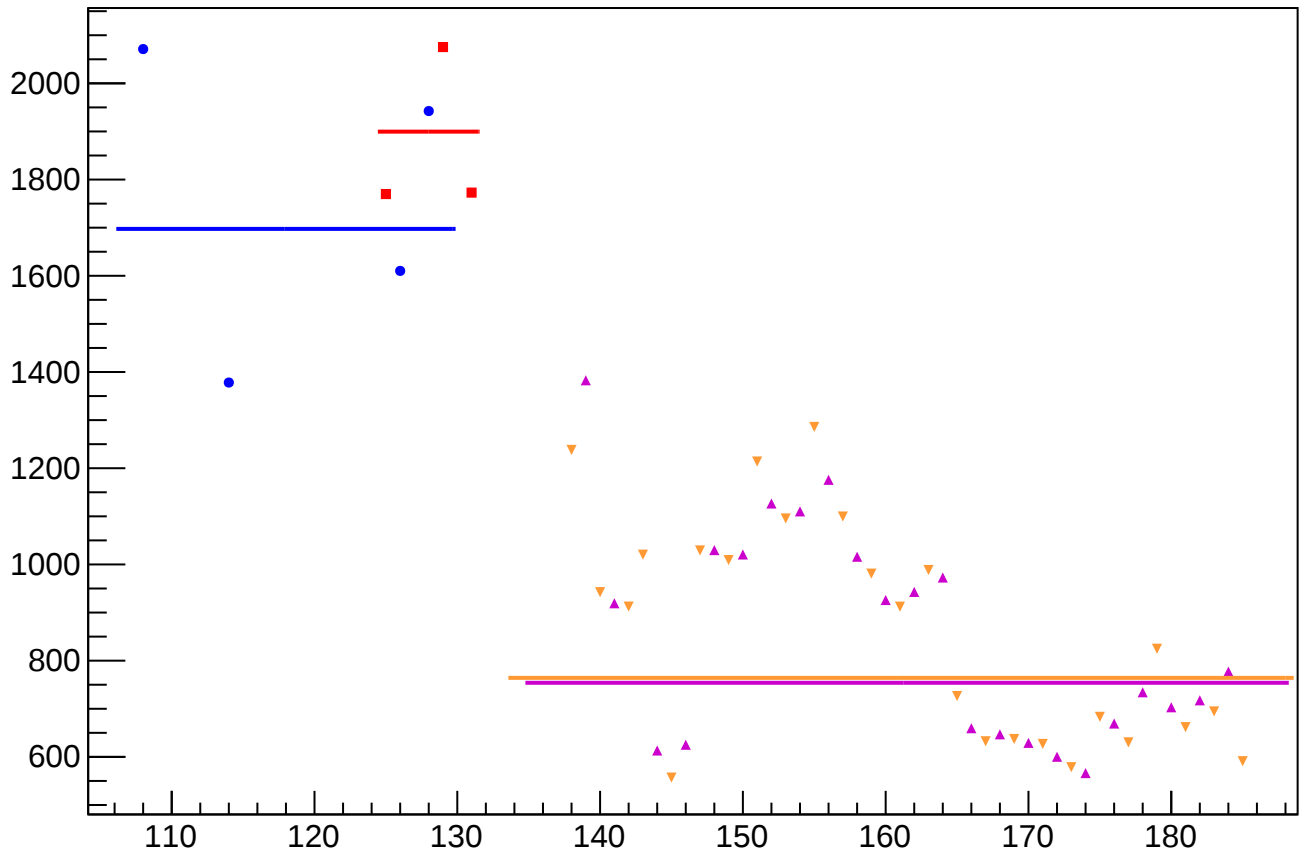
Left In: -76.204 ± 186.651 $\chi^2/\text{NDF}: 28.3/22$

+ sign -822.607 ± 184.260 $\chi^2/\text{NDF}: 68.9/28$

All: -452.432 ± 131.074 $\chi^2/\text{NDF}: 107.2/54$

- sign -73.223 ± 186.495 $\chi^2/\text{NDF}: 30.1/25$

asym_sam3_correction_rms vs Slug



Right In: 1697.477 $\pm$ 2.638 χ^2 /NDF: 11050.0/3

Left Out: 764.263 $\pm$ 0.130 χ^2 /NDF: 2316180.8/24

Right Out: 1899.639 $\pm$ 3.224 χ^2 /NDF: 2170.1/2

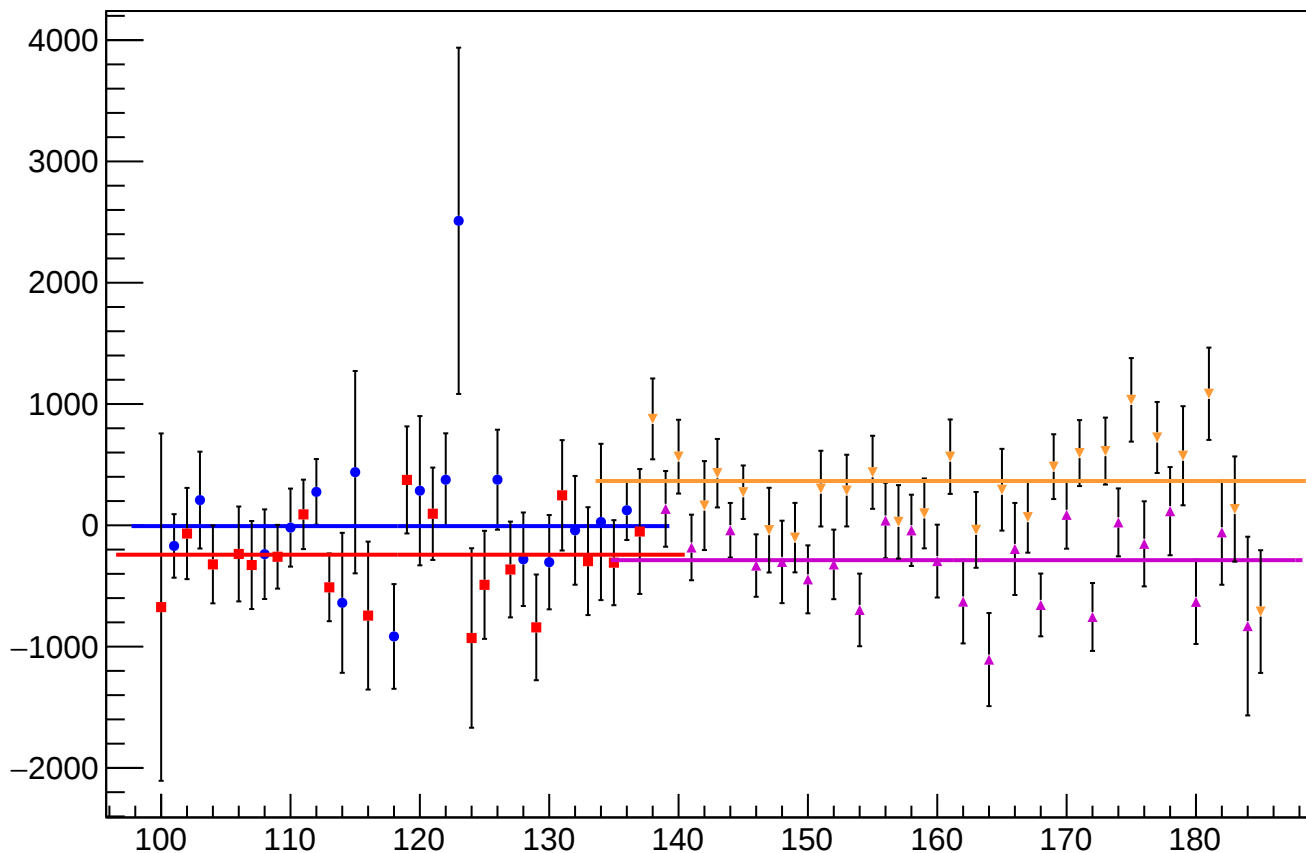
Left In: 754.027 $\pm$ 0.132 χ^2 /NDF: 2013386.7/22

+ sign 766.539 $\pm$ 0.130 χ^2 /NDF: 2452038.7/28

All: 761.305 $\pm$ 0.093 χ^2 /NDF: 4596917.2/54

- sign 755.943 $\pm$ 0.132 χ^2 /NDF: 2141611.5/25

reg_asym_sam4_mean vs Slug



Right In: -6.497 ± 93.462 χ^2/NDF : 14.7/16

Left Out: 365.469 ± 61.948 χ^2/NDF : 28.4/24

Right Out: -242.246 ± 89.108 χ^2/NDF : 10.6/18

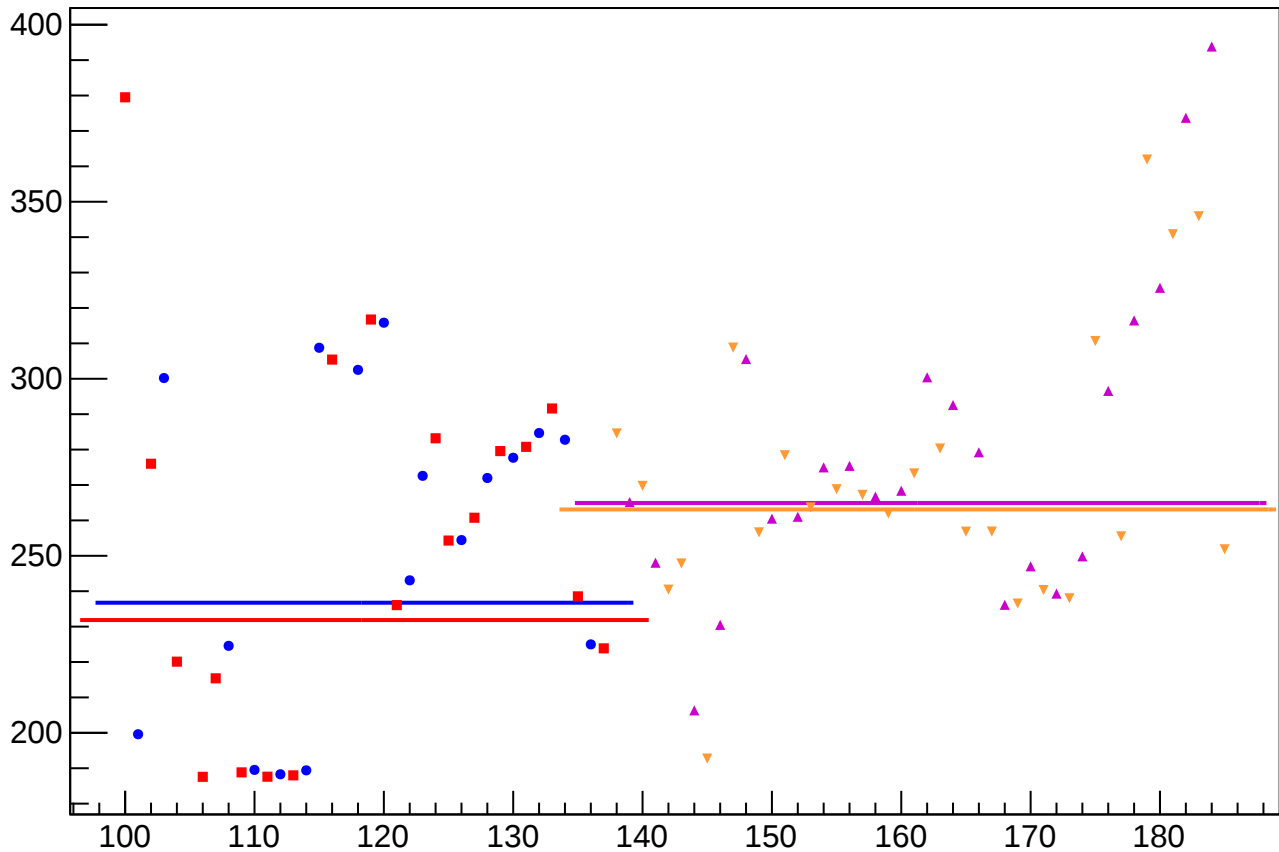
Left In: -287.246 ± 64.141 χ^2/NDF : 23.9/22

+ sign 251.934 ± 51.635 χ^2/NDF : 54.1/41

All: -7.846 ± 36.660 χ^2/NDF : 139.8/83

- sign -271.888 ± 52.057 χ^2/NDF : 34.7/41

reg_asym_sam4_rms vs Slug



Right In: 236.750 $\pm$ 0.066 χ^2 /NDF: 390018.3/16

Left Out: 263.090 $\pm$ 0.044 χ^2 /NDF: 641609.6/24

Right Out: 231.853 $\pm$ 0.063 χ^2 /NDF: 445120.6/18

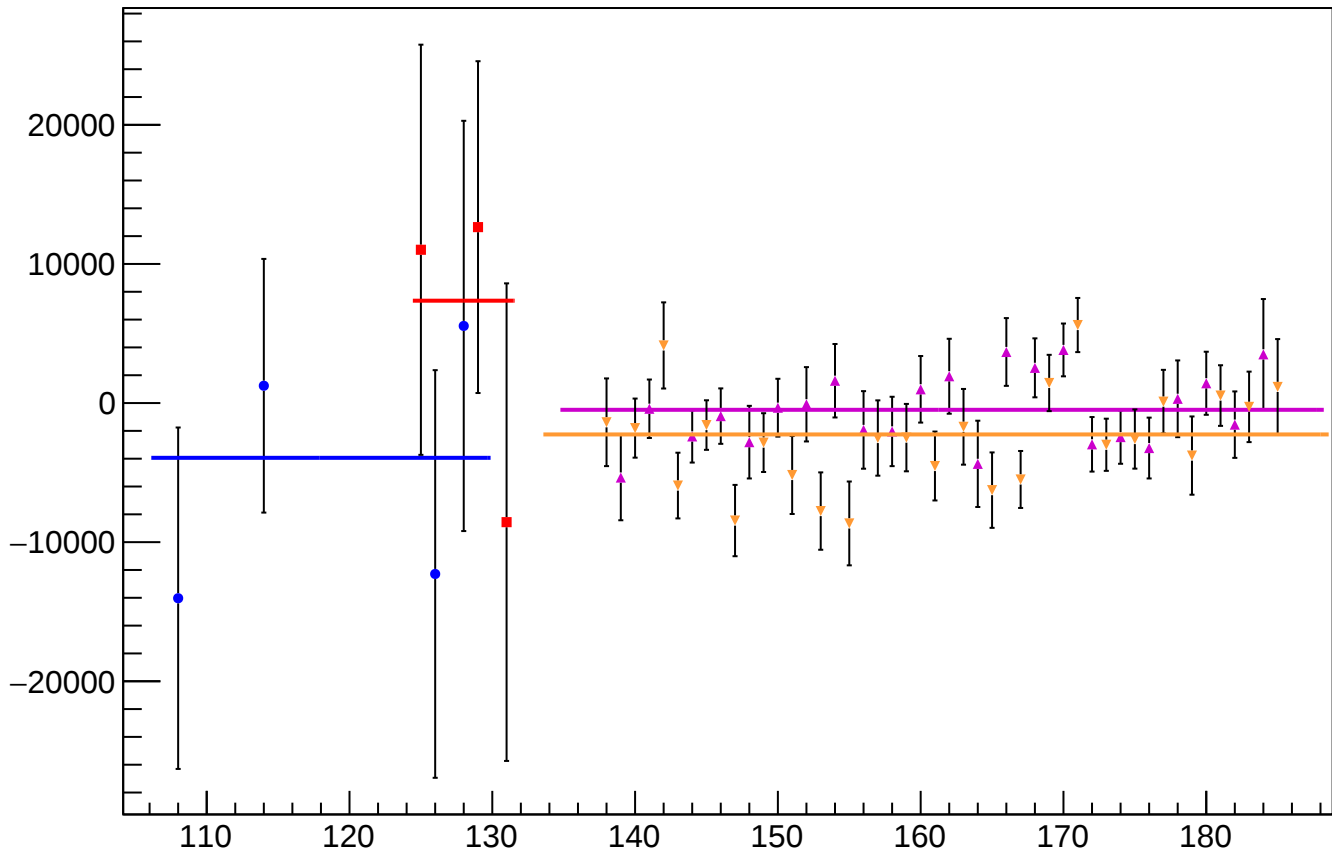
Left In: 264.923 $\pm$ 0.045 χ^2 /NDF: 609024.7/22

+ sign 255.050 $\pm$ 0.037 χ^2 /NDF: 1141997.7/41

All: 254.349 $\pm$ 0.026 χ^2 /NDF: 2378334.5/83

- sign 253.637 $\pm$ 0.037 χ^2 /NDF: 1235593.4/41

asym_sam4_correction_mean vs Slug



Right In: -3937.127 $\pm$ 5984.477 χ^2/NDF : 1.7/3

Left Out: -2256.292 $\pm$ 475.385 χ^2/NDF : 52.4/24

Right Out: 7358.957 $\pm$ 8158.706 χ^2/NDF : 1.1/2

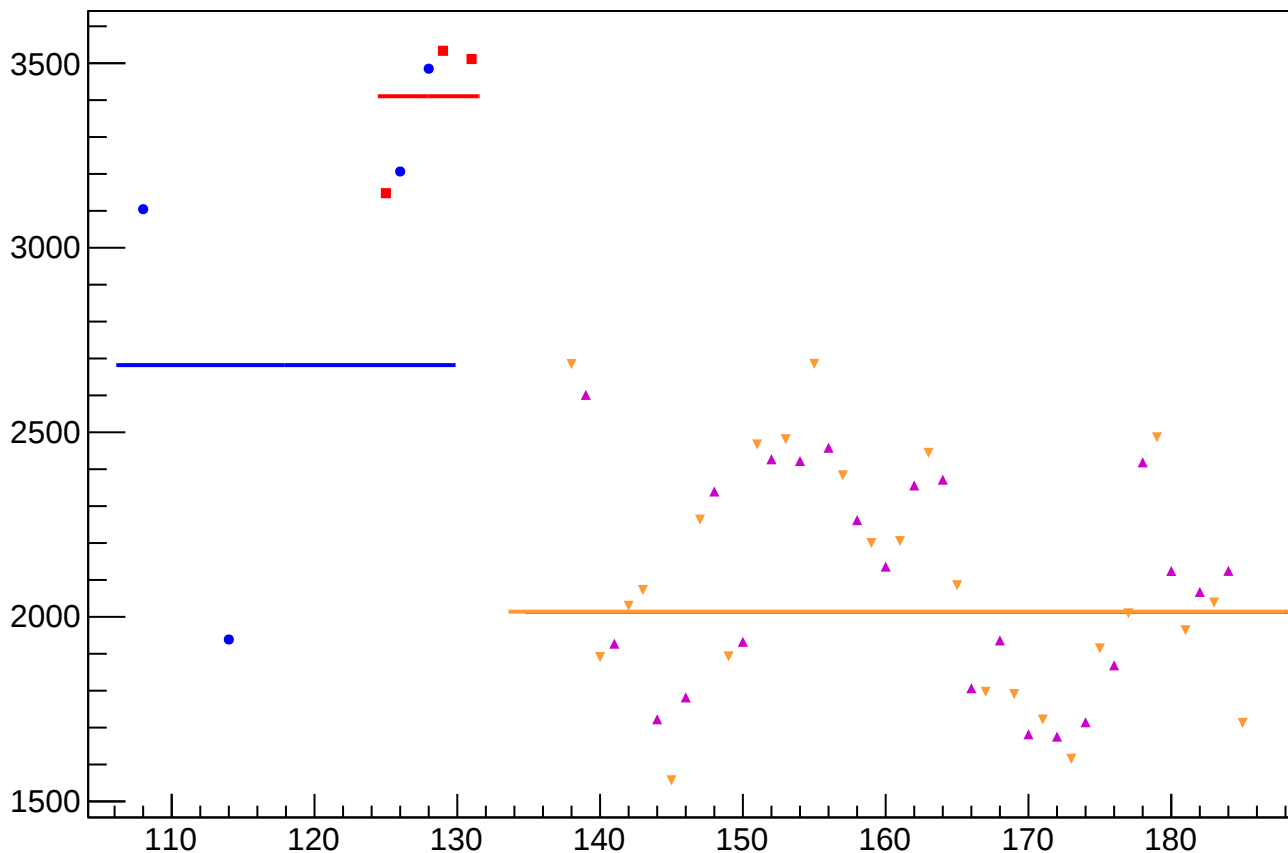
Left In: -485.590 $\pm$ 487.465 χ^2/NDF : 24.8/22

+ sign -2266.831 $\pm$ 473.892 χ^2/NDF : 54.2/28

All: -1386.186 $\pm$ 339.495 χ^2/NDF : 88.1/54

- sign -457.686 $\pm$ 486.598 χ^2/NDF : 26.8/25

asym_sam4_correction_rms vs Slug



Right In: 2682.064 $\pm$ 4.232 χ^2 /NDF: 24157.5/3

Left Out: 2014.059 $\pm$ 0.336 χ^2 /NDF: 835637.2/24

Right Out: 3410.484 $\pm$ 5.769 χ^2 /NDF: 916.8/2

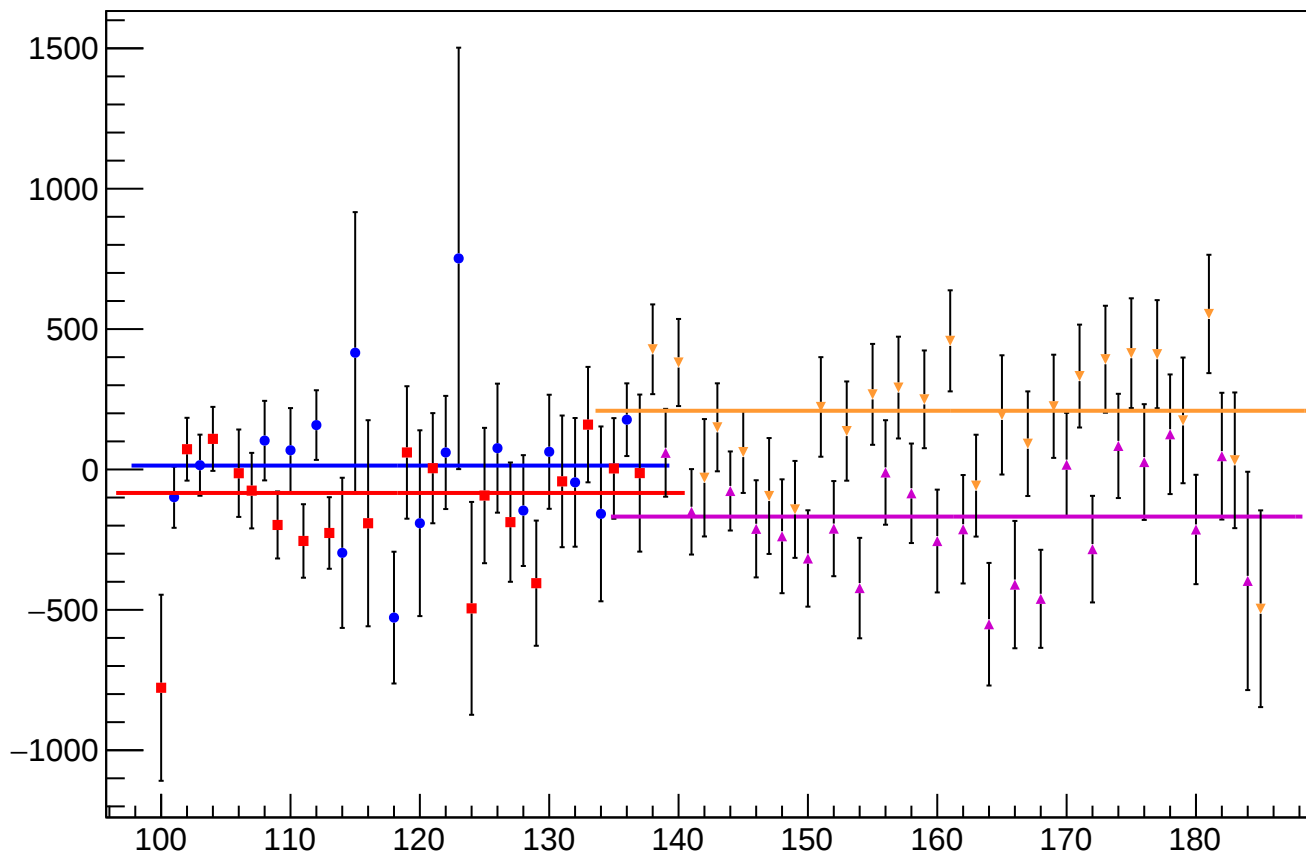
Left In: 2013.245 $\pm$ 0.345 χ^2 /NDF: 662077.8/22

+ sign 2018.248 $\pm$ 0.335 χ^2 /NDF: 884557.9/28

All: 2018.232 $\pm$ 0.240 χ^2 /NDF: 1606002.1/54

- sign 2018.215 $\pm$ 0.344 χ^2 /NDF: 721444.2/25

reg_asym_sam5_mean vs Slug



Right In: 13.853 $\pm$ 42.364 χ^2 /NDF: 14.4/16

Left Out: 209.086 $\pm$ 37.096 χ^2 /NDF:27.8/24

Right Out: -83.643 $\pm$ 39.037 χ^2 /NDF: 19.2/18

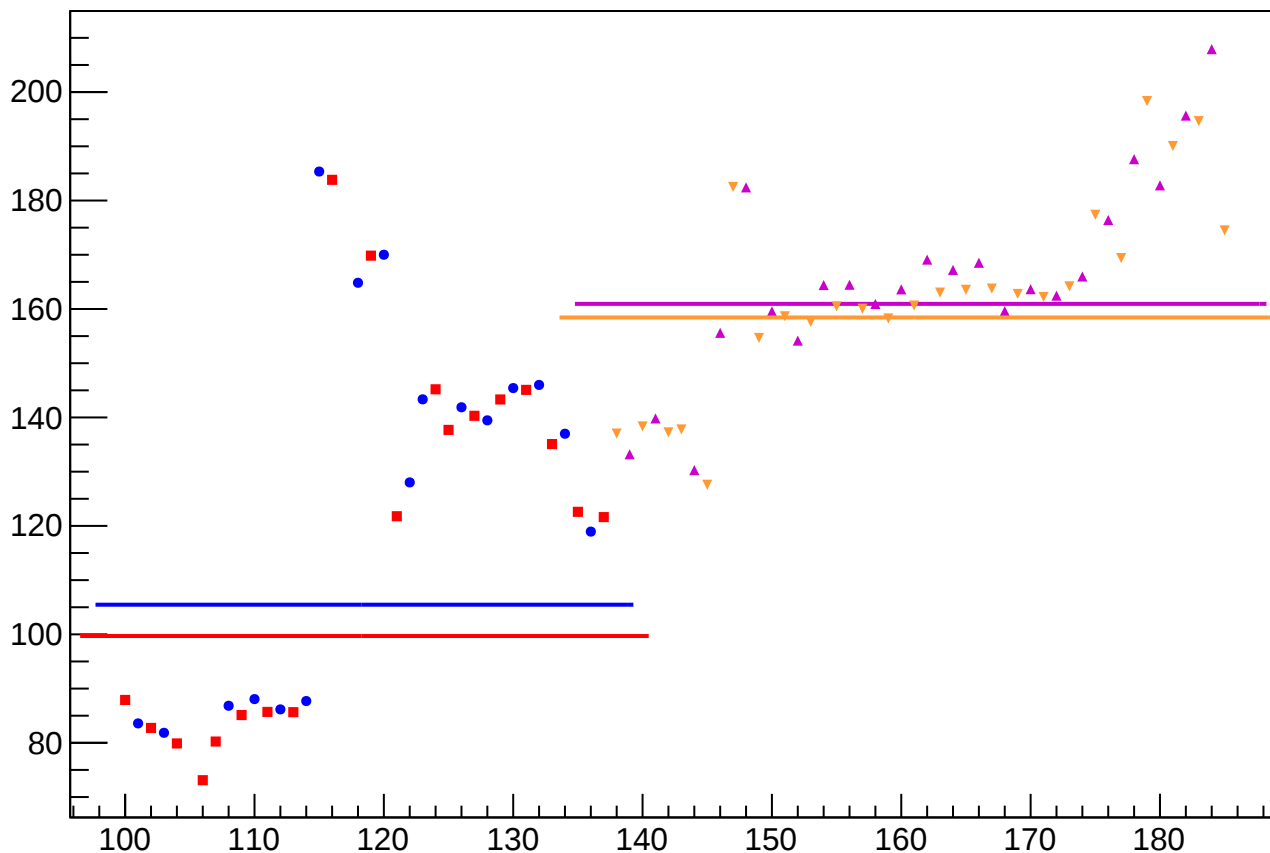
Left In: -167.822 $\pm$ 38.718 χ^2 /NDF:21.1/22

+ sign 124.355 $\pm$ 27.909 χ^2 /NDF: 54.2/41

All: -2.756 $\pm$ 19.585 χ^2 /NDF: 137.7/83

- sign -126.078 $\pm$ 27.490 χ^2 /NDF: 42.6/41

reg_asym_sam5_rms vs Slug



Right In: 105.470 $\pm$ 0.030 χ^2 /NDF: 870293.2/16

Left Out: 158.434 $\pm$ 0.026 χ^2 /NDF: 433967.8/24

Right Out: 99.695 $\pm$ 0.028 χ^2 /NDF: 1000657.3/18

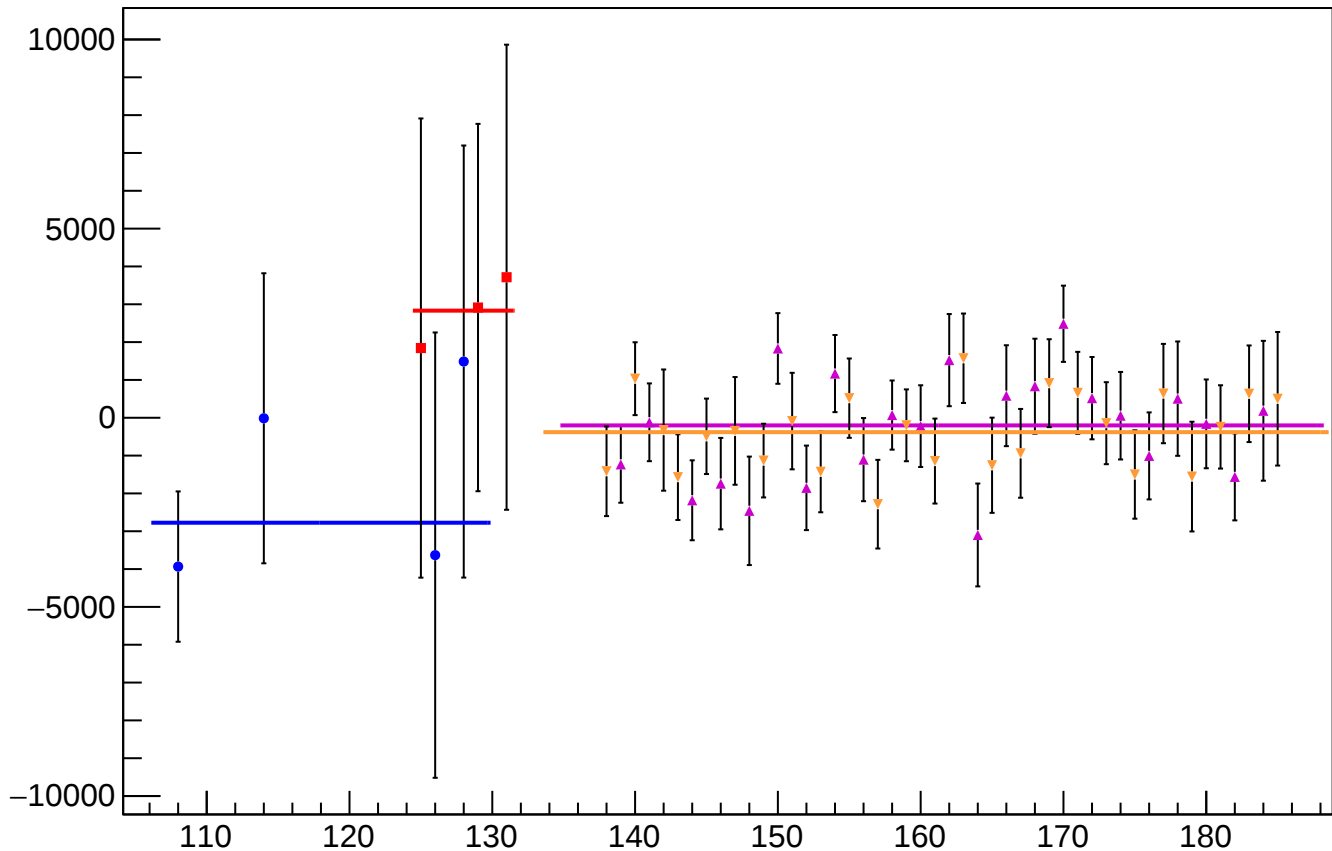
Left In: 160.947 $\pm$ 0.027 χ^2 /NDF: 379713.4/22

+ sign 135.448 $\pm$ 0.020 χ^2 /NDF: 3073611.6/41

All: 132.973 $\pm$ 0.014 χ^2 /NDF: 6967237.3/83

- sign 130.572 $\pm$ 0.019 χ^2 /NDF: 3862646.8/41

asym_sam5_correction_mean vs Slug



Right In: -2774.520 ± 1620.377 $\chi^2/\text{NDF}: 1.4/3$

Left Out: -380.185 ± 231.862 $\chi^2/\text{NDF}: 18.2/24$

Right Out: 2831.759 ± 3227.072 $\chi^2/\text{NDF}: 0.0/2$

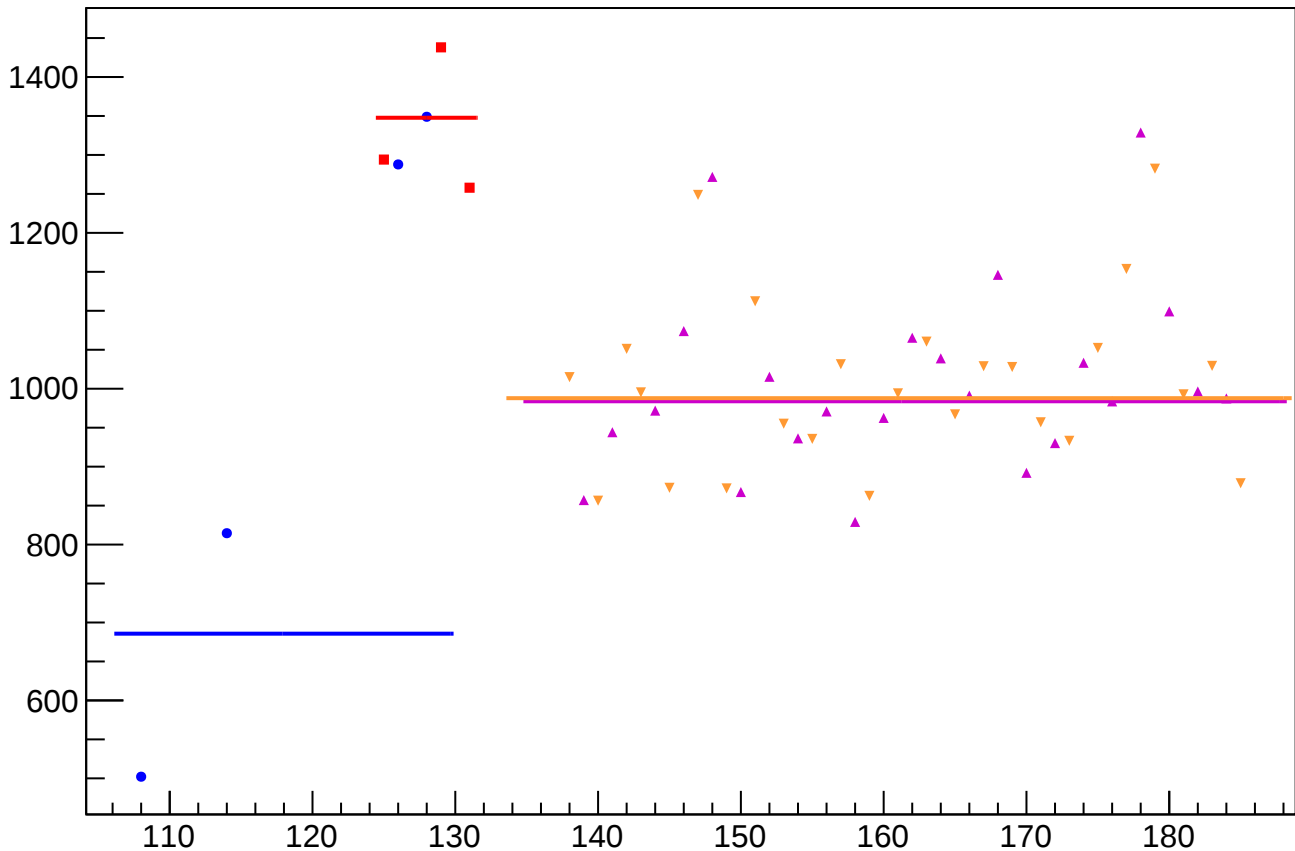
Left In: -202.234 ± 237.460 $\chi^2/\text{NDF}: 35.5/22$

+ sign -428.225 ± 229.524 $\chi^2/\text{NDF}: 21.8/28$

All: -310.850 ± 164.817 $\chi^2/\text{NDF}: 58.8/54$

- sign -185.894 ± 236.819 $\chi^2/\text{NDF}: 36.4/25$

asym_sam5_correction_rms vs Slug



Right In: 685.658 $\pm$ 1.146 χ^2 /NDF: 67240.3/3

Left Out: 987.866 $\pm$ 0.164 χ^2 /NDF: 376964.1/24

Right Out: 1347.722 $\pm$ 2.282 χ^2 /NDF: 1275.5/2

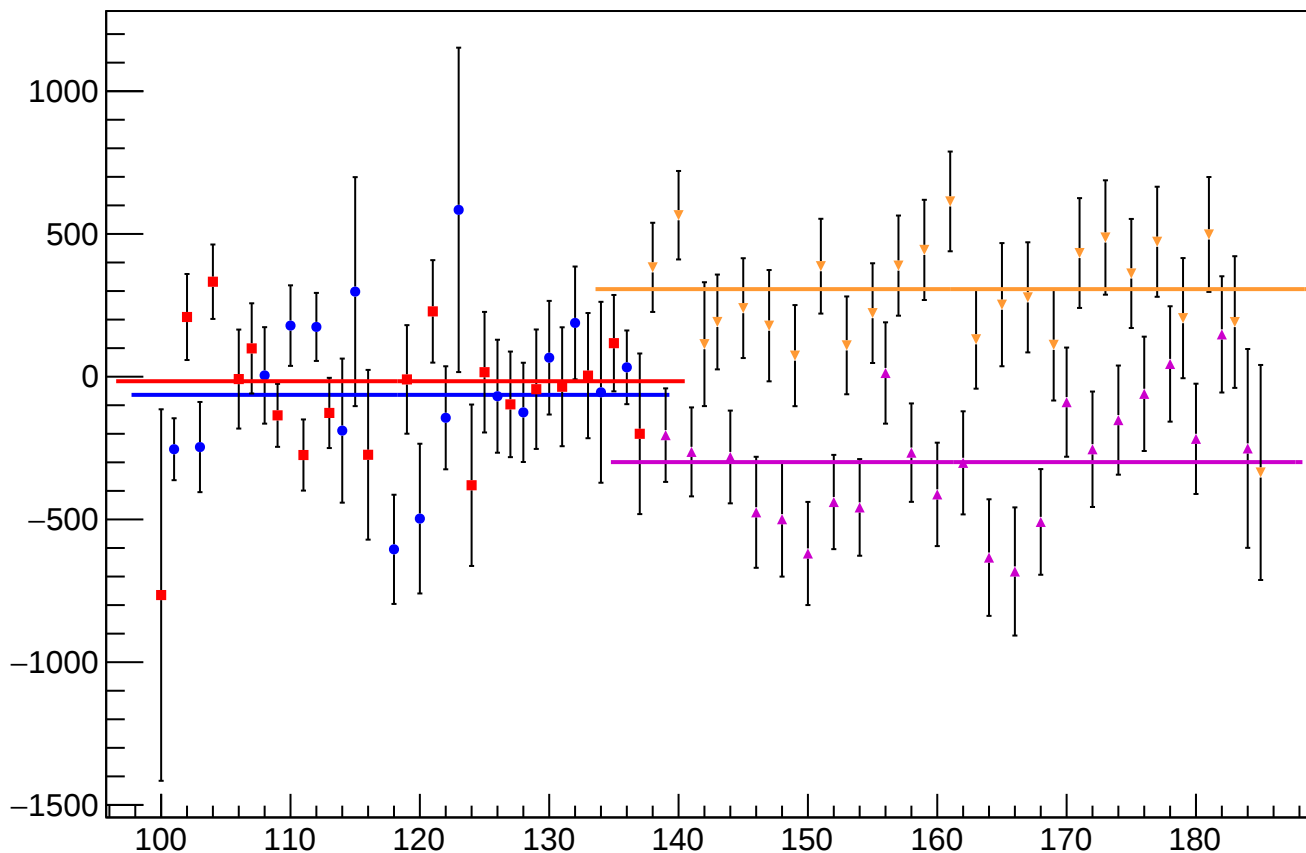
Left In: 983.893 $\pm$ 0.168 χ^2 /NDF: 416265.7/22

+ sign 981.802 $\pm$ 0.162 χ^2 /NDF: 512376.6/28

All: 983.764 $\pm$ 0.117 χ^2 /NDF: 955504.4/54

- sign 985.852 $\pm$ 0.167 χ^2 /NDF: 442826.1/25

reg_asym_sam6_mean vs Slug



Right In: -63.627 ± 42.336 χ^2/NDF : 27.6/16

Left Out: 306.727 ± 37.281 χ^2/NDF : 20.8/24

Right Out: -15.859 ± 39.532 χ^2/NDF : 23.1/18

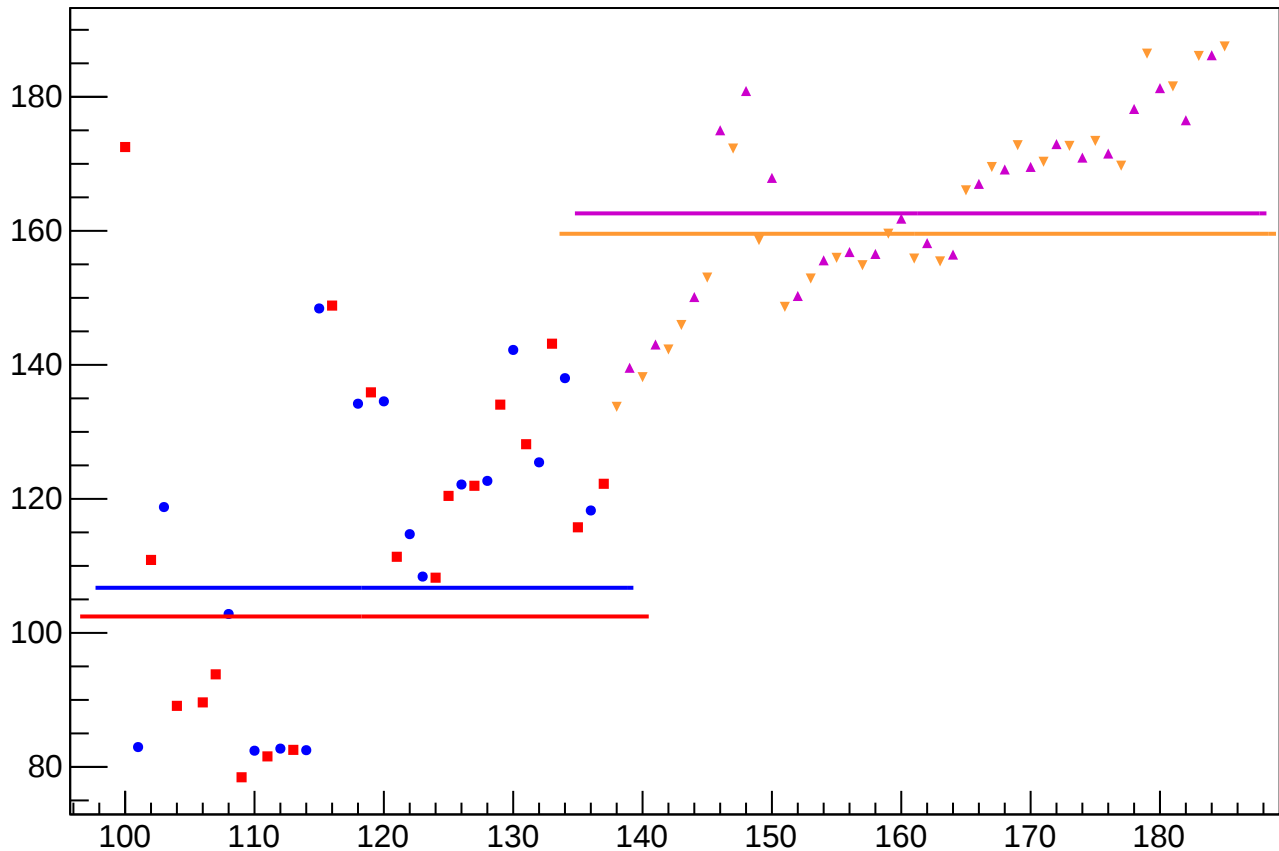
Left In: -299.192 ± 39.009 χ^2/NDF : 28.5/22

+ sign 144.969 ± 27.979 χ^2/NDF : 91.5/41

All: -8.382 ± 19.709 χ^2/NDF : 228.8/83

- sign -159.412 ± 27.767 χ^2/NDF : 77.7/41

reg_asym_sam6_rms vs Slug



Right In: 106.733+/-0.030 χ^2/NDF : 503149.3/16

Left Out: 159.564+/-0.026 χ^2/NDF : 287568.7/24

Right Out: 102.452+/-0.028 χ^2/NDF : 591027.5/18

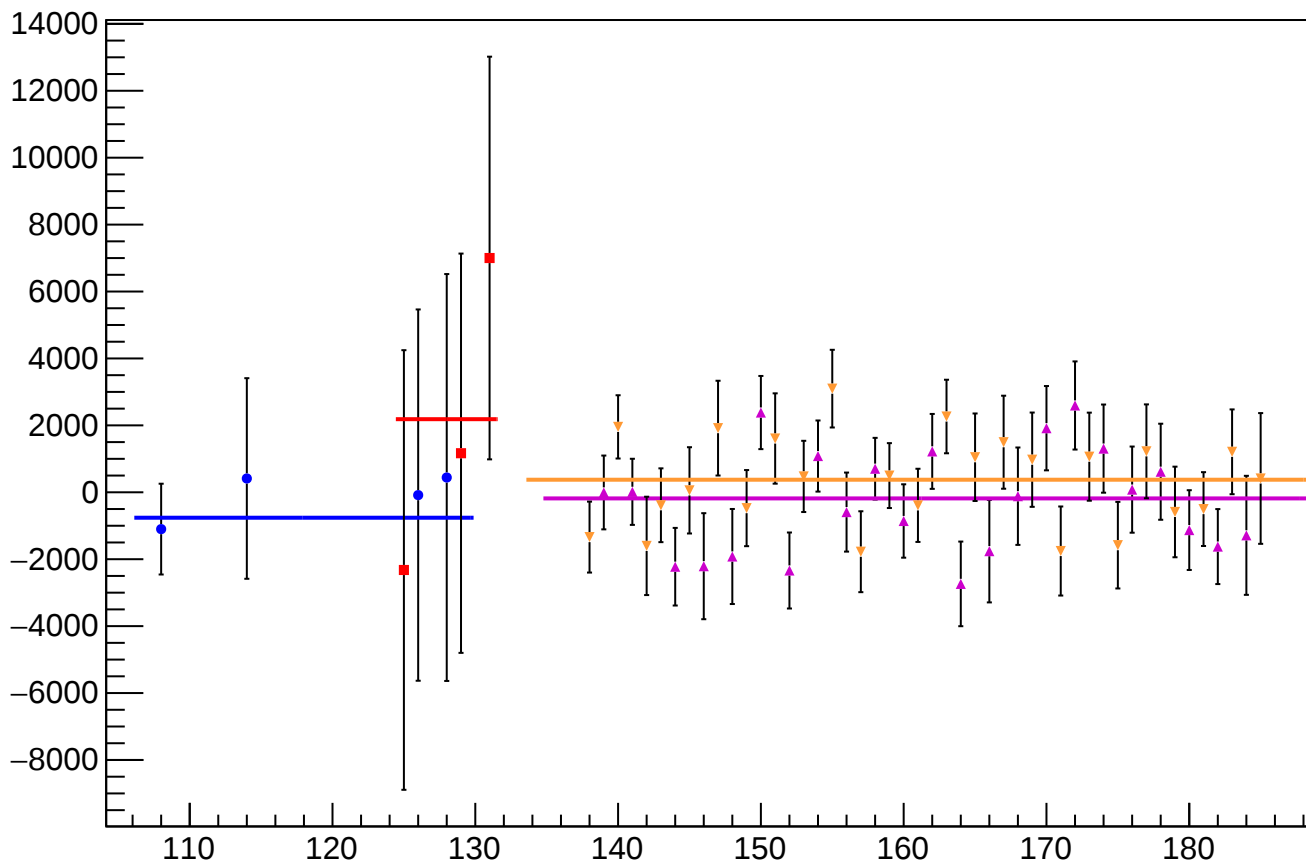
Left In: 162.606+/-0.028 χ^2/NDF : 199542.3/22

+ sign 136.489+/-0.020 χ^2/NDF : 2544853.9/41

All: 134.696+/-0.014 χ^2/NDF : 5698074.0/83

- sign 132.929+/-0.020 χ^2/NDF : 3136908.4/41

asym_sam6_correction_mean vs Slug



Right In: -760.095 $\pm$ 1183.340 χ^2/NDF : 0.3/3

Left Out: 375.569 $\pm$ 243.553 χ^2/NDF :30.6/24

Right Out: 2184.893 $\pm$ 3560.609 χ^2/NDF : 1.1/2

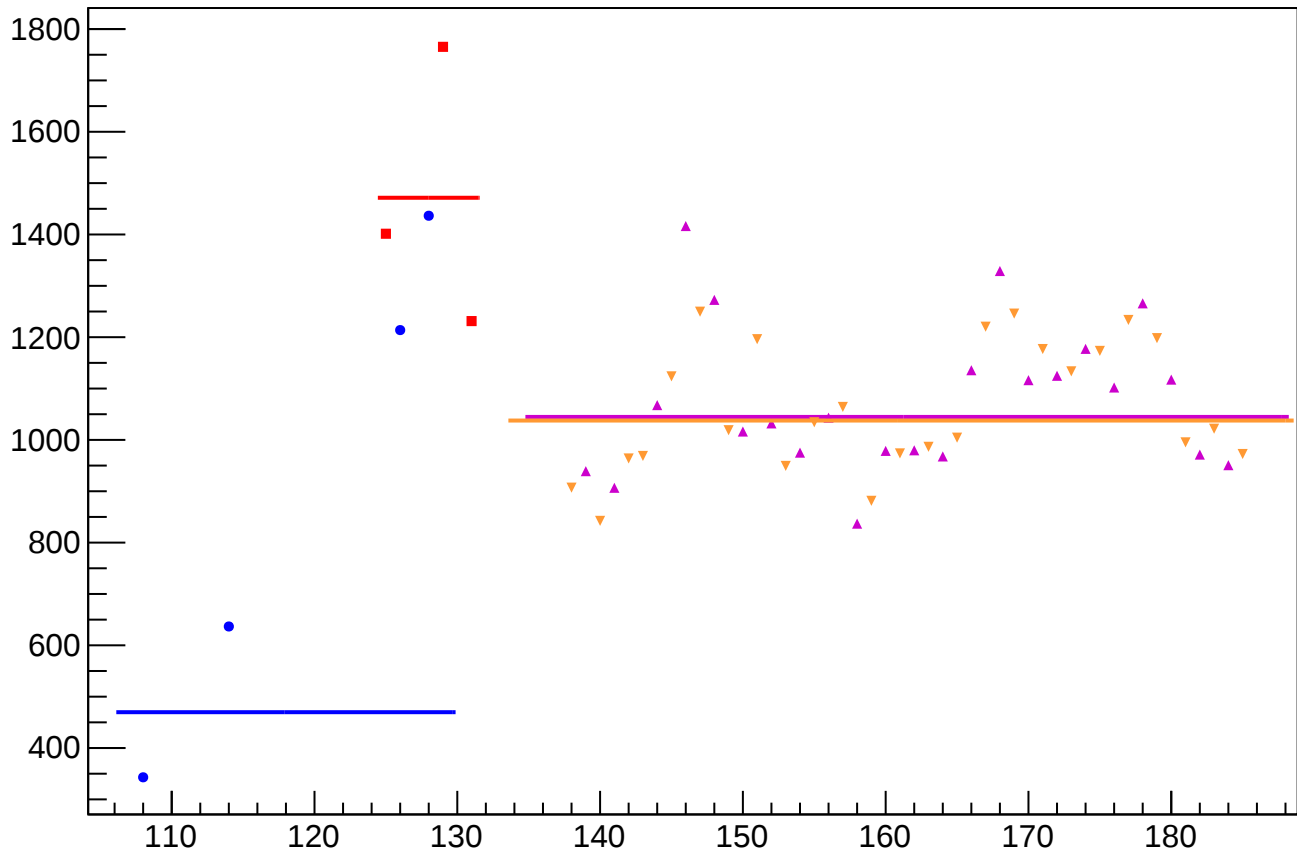
Left In: -183.107 $\pm$ 252.258 χ^2/NDF :36.5/22

+ sign 329.416 $\pm$ 238.553 χ^2/NDF : 31.8/28

All: 92.414 $\pm$ 173.120 χ^2/NDF : 71.9/54

- sign -171.281 $\pm$ 251.627 χ^2/NDF : 38.1/25

asym_sam6_correction_rms vs Slug



Right In: 469.775 $\pm$ 0.837 χ^2 /NDF: 110192.0/3

Left Out: 1037.695 $\pm$ 0.172 χ^2 /NDF: 494977.7/24

Right Out: 1471.512 $\pm$ 2.518 χ^2 /NDF: 8264.7/2

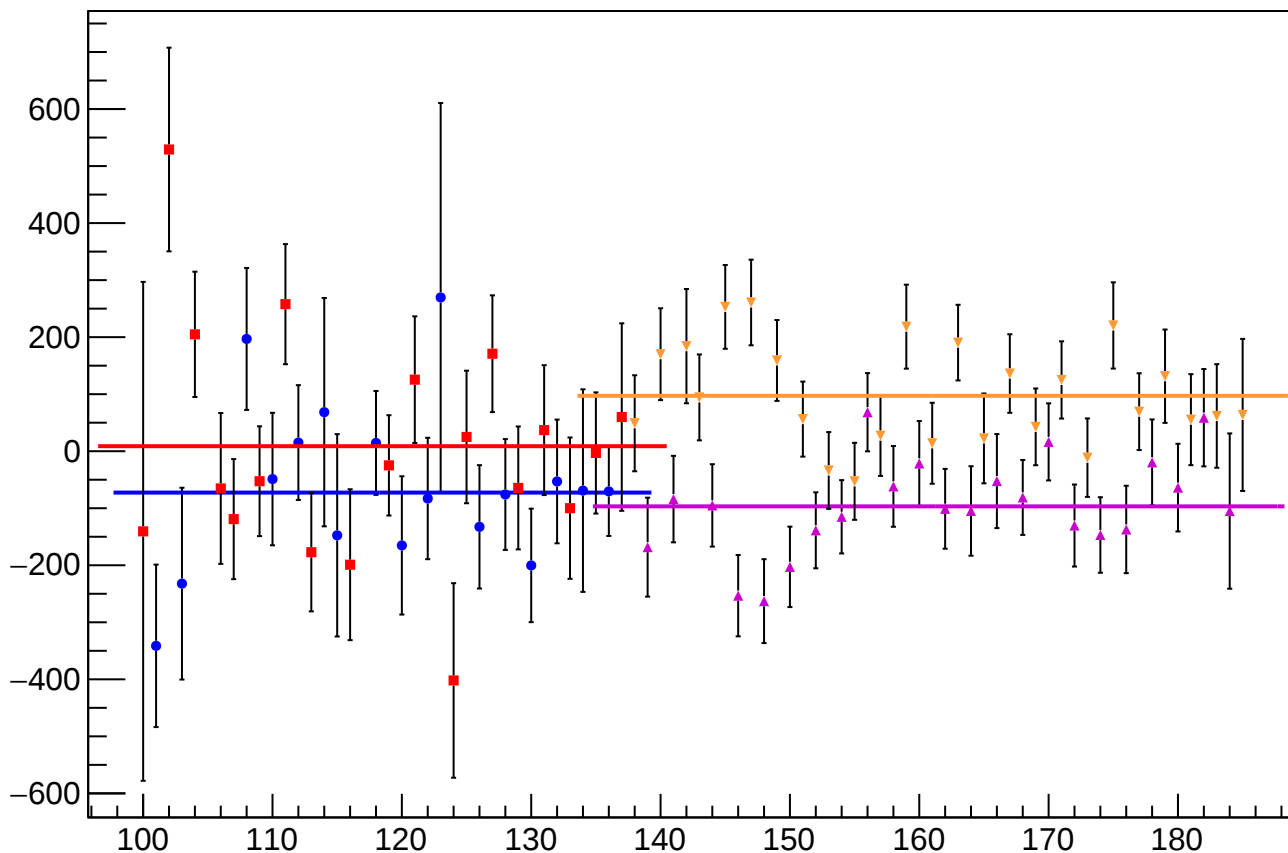
Left In: 1044.746 $\pm$ 0.178 χ^2 /NDF: 543315.5/22

+ sign 1014.615 $\pm$ 0.169 χ^2 /NDF: 1047113.2/28

All: 1029.886 $\pm$ 0.122 χ^2 /NDF: 1644596.9/54

- sign 1046.877 $\pm$ 0.178 χ^2 /NDF: 580168.4/25

reg_asym_sam7_mean vs Slug



Right In: -72.547 ± 28.434 χ^2/NDF : 15.1/16

Left Out: 97.144 ± 14.881 χ^2/NDF : 36.1/24

Right Out: 8.790 ± 26.889 χ^2/NDF : 36.2/18

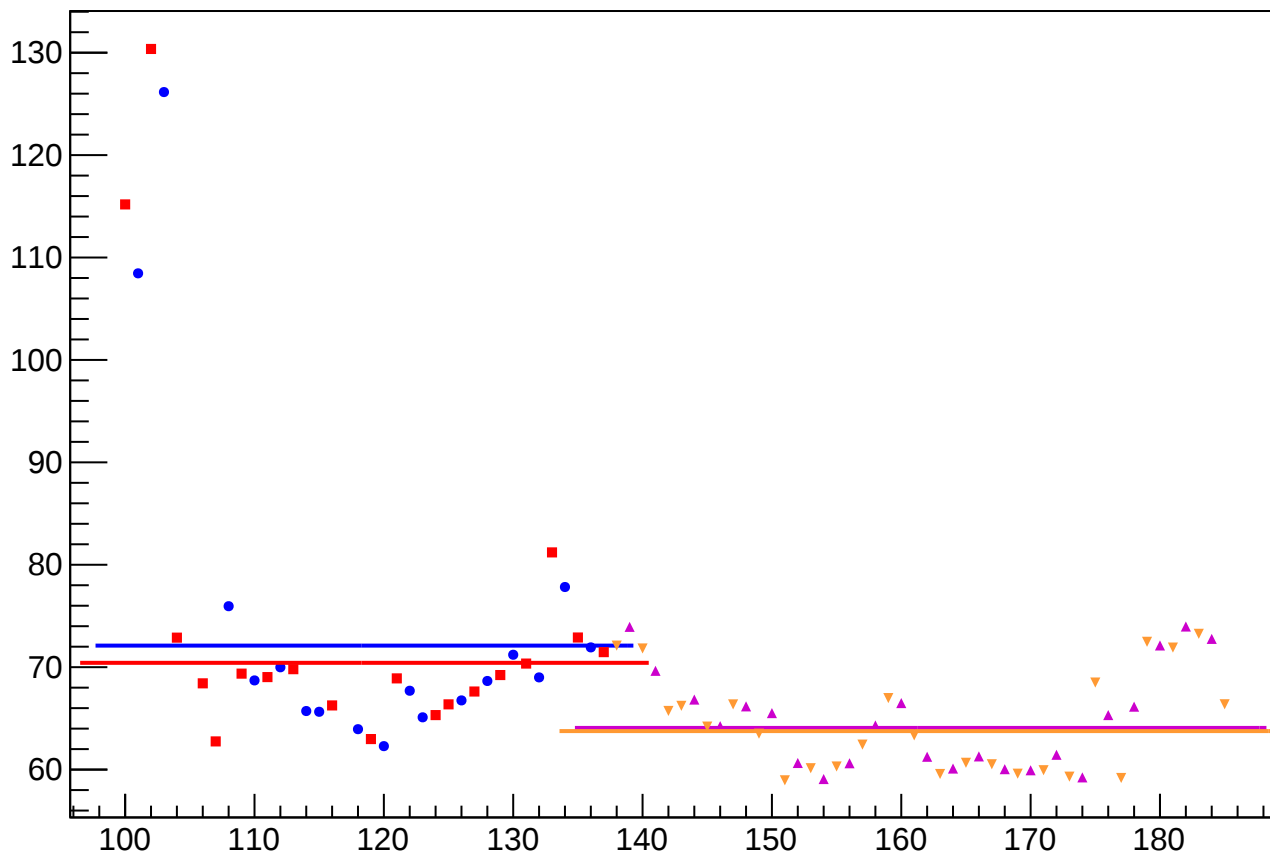
Left In: -96.704 ± 15.369 χ^2/NDF : 29.2/22

+ sign 60.659 ± 13.185 χ^2/NDF : 79.2/41

All: -4.248 ± 9.379 χ^2/NDF : 205.3/83

- sign -70.726 ± 13.343 χ^2/NDF : 77.1/41

reg_asym_sam7_rms vs Slug



Right In: 72.106 ± 0.020 $\chi^2/\text{NDF}: 390789.8/16$

Left Out: 63.760 ± 0.011 $\chi^2/\text{NDF}: 192694.3/24$

Right Out: 70.425 ± 0.019 $\chi^2/\text{NDF}: 298038.7/18$

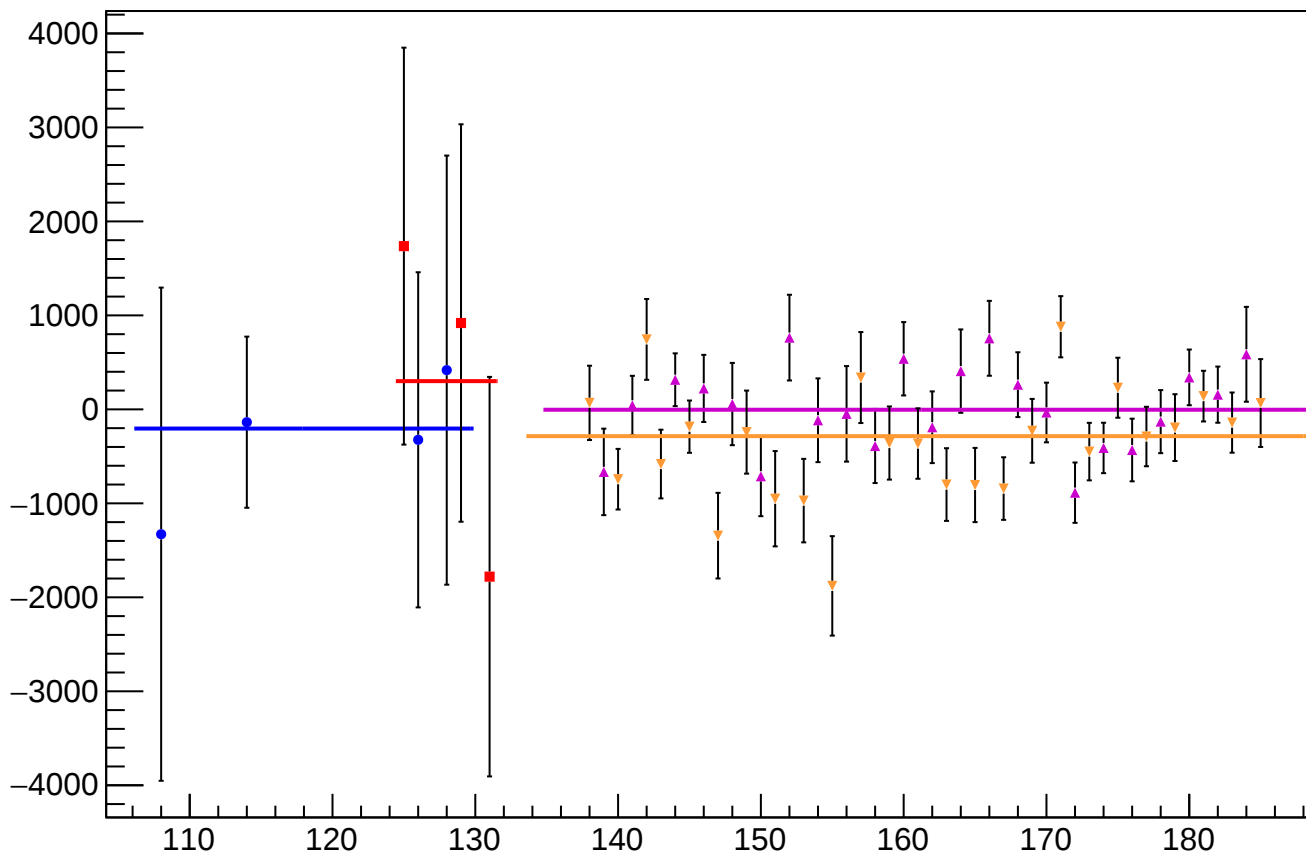
Left In: 64.069 ± 0.011 $\chi^2/\text{NDF}: 164660.4/22$

+ sign 65.554 ± 0.009 $\chi^2/\text{NDF}: 718765.6/41$

All: 65.593 ± 0.007 $\chi^2/\text{NDF}: 1265730.5/83$

- sign 65.634 ± 0.009 $\chi^2/\text{NDF}: 546928.9/41$

asym_sam7_correction_mean vs Slug



Right In: -204.257 ± 733.668 χ^2/NDF : 0.3/3

Left Out: -284.989 ± 72.742 χ^2/NDF : 55.0/24

Right Out: 300.330 ± 1222.458 χ^2/NDF : 1.5/2

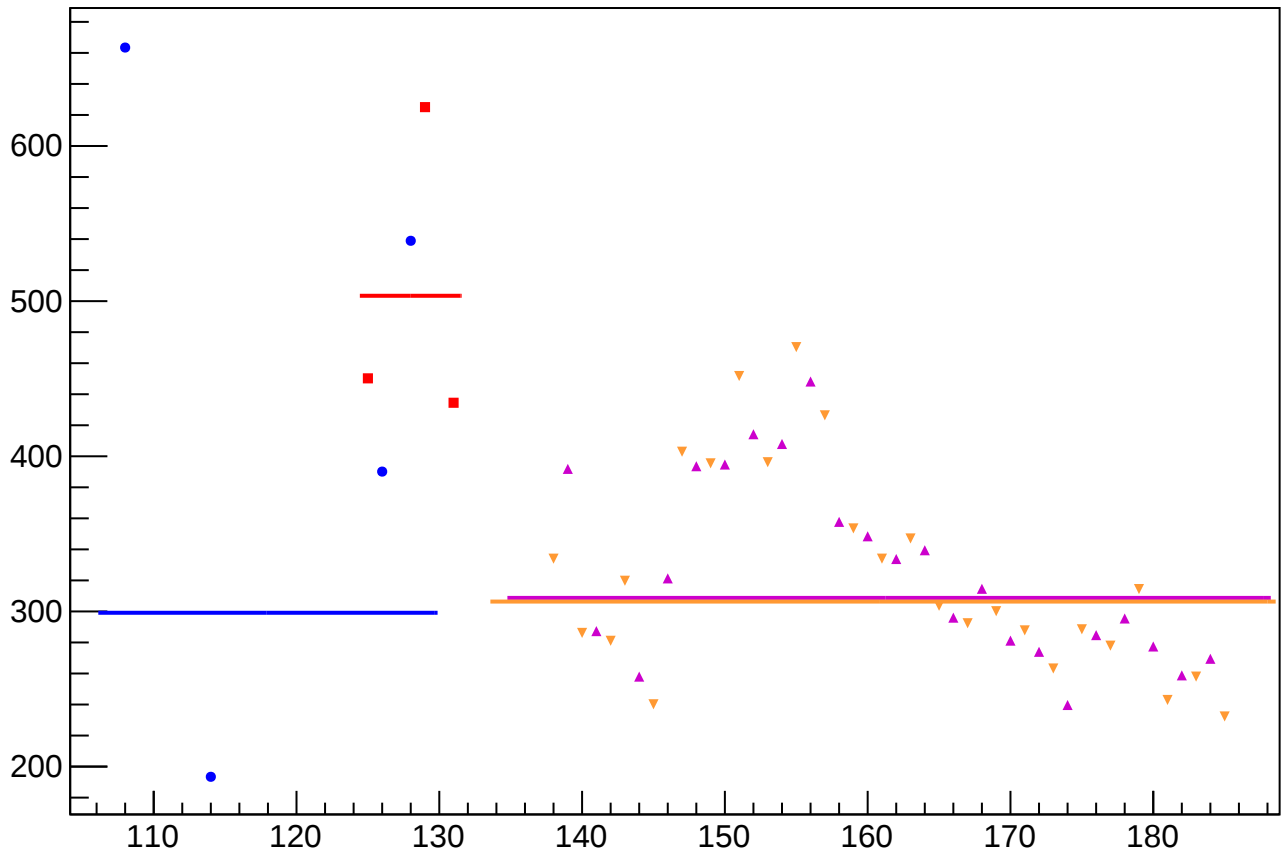
Left In: -4.037 ± 75.084 χ^2/NDF : 32.4/22

+ sign -284.203 ± 72.387 χ^2/NDF : 55.3/28

All: -148.427 ± 52.066 χ^2/NDF : 96.5/54

- sign -2.893 ± 74.943 χ^2/NDF : 33.9/25

asym_sam7_correction_rms vs Slug



Right In: 299.143 $\pm$ 0.519 χ^2 /NDF: 92782.9/3

Left Out: 306.363 $\pm$ 0.051 χ^2 /NDF: 1215889.8/24

Right Out: 503.459 $\pm$ 0.864 χ^2 /NDF: 9987.6/2

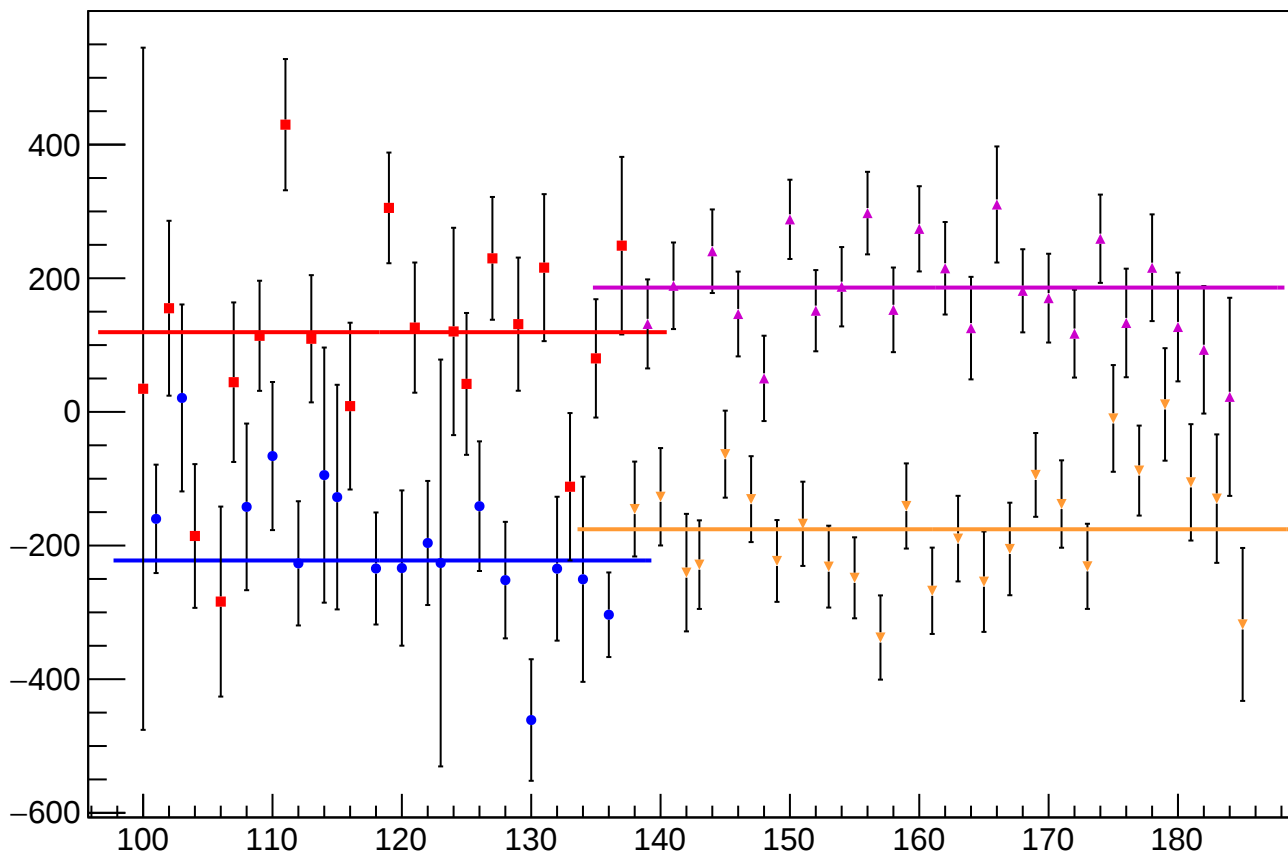
Left In: 308.727 $\pm$ 0.053 χ^2 /NDF: 1002947.4/22

+ sign 306.293 $\pm$ 0.051 χ^2 /NDF: 1308864.5/28

All: 307.821 $\pm$ 0.037 χ^2 /NDF: 2374205.0/54

- sign 309.458 $\pm$ 0.053 χ^2 /NDF: 1063494.4/25

reg_asym_sam8_mean vs Slug



Right In: -222.347 $\pm$ 24.941 χ^2 /NDF: 16.3/16

Left Out: -175.618 $\pm$ 13.847 χ^2 /NDF: 34.6/24

Right Out: 119.313 $\pm$ 24.666 χ^2 /NDF: 40.7/18

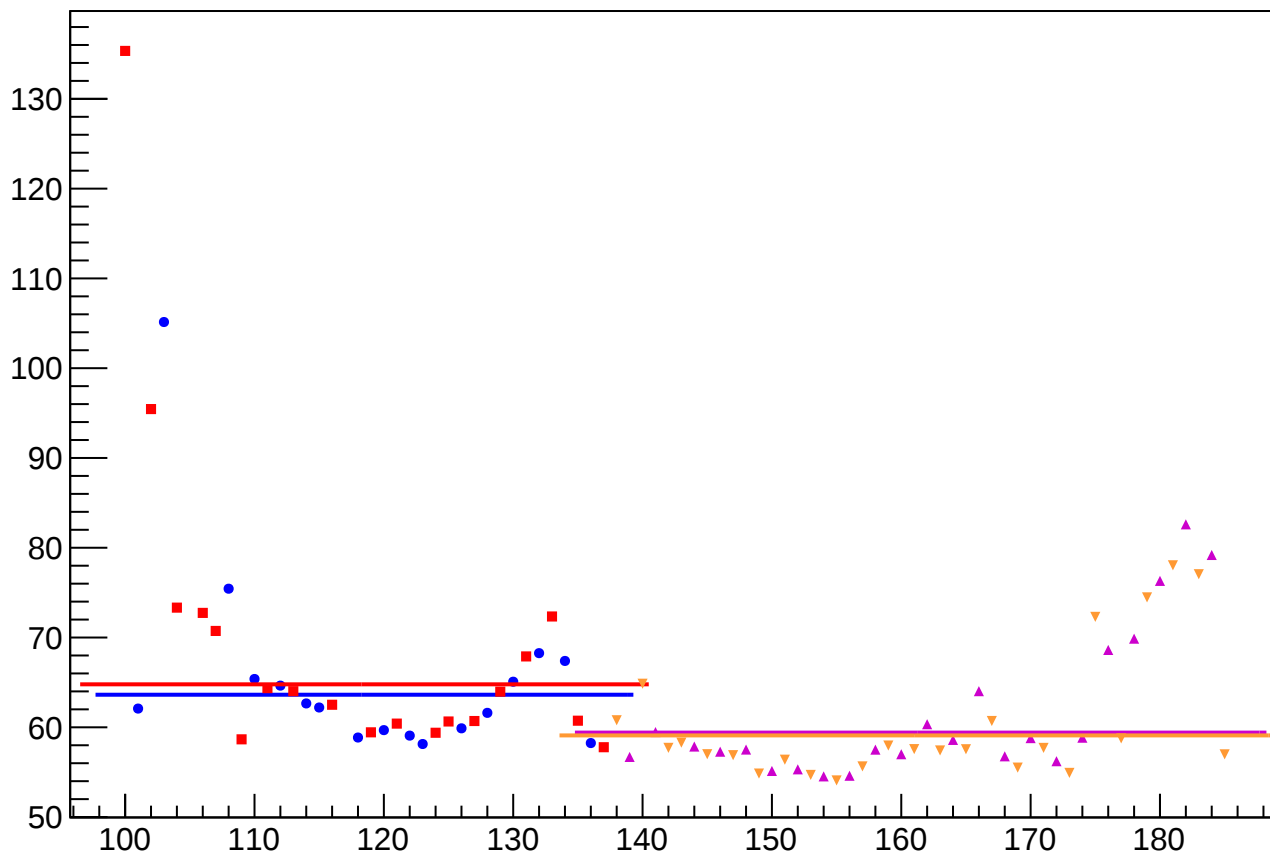
Left In: 186.047 $\pm$ 14.315 χ^2 /NDF: 23.6/22

+ sign -186.628 $\pm$ 12.106 χ^2 /NDF: 53.5/41

All: -12.693 $\pm$ 8.656 χ^2 /NDF: 545.6/83

- sign 169.233 $\pm$ 12.381 χ^2 /NDF: 69.8/41

reg_asym_sam8_rms vs Slug



Right In: 63.629+/-0.018 χ^2/NDF : 233899.4/16

Left Out: 59.098+/-0.010 χ^2/NDF : 369770.1/24

Right Out: 64.787+/-0.017 χ^2/NDF : 226379.1/18

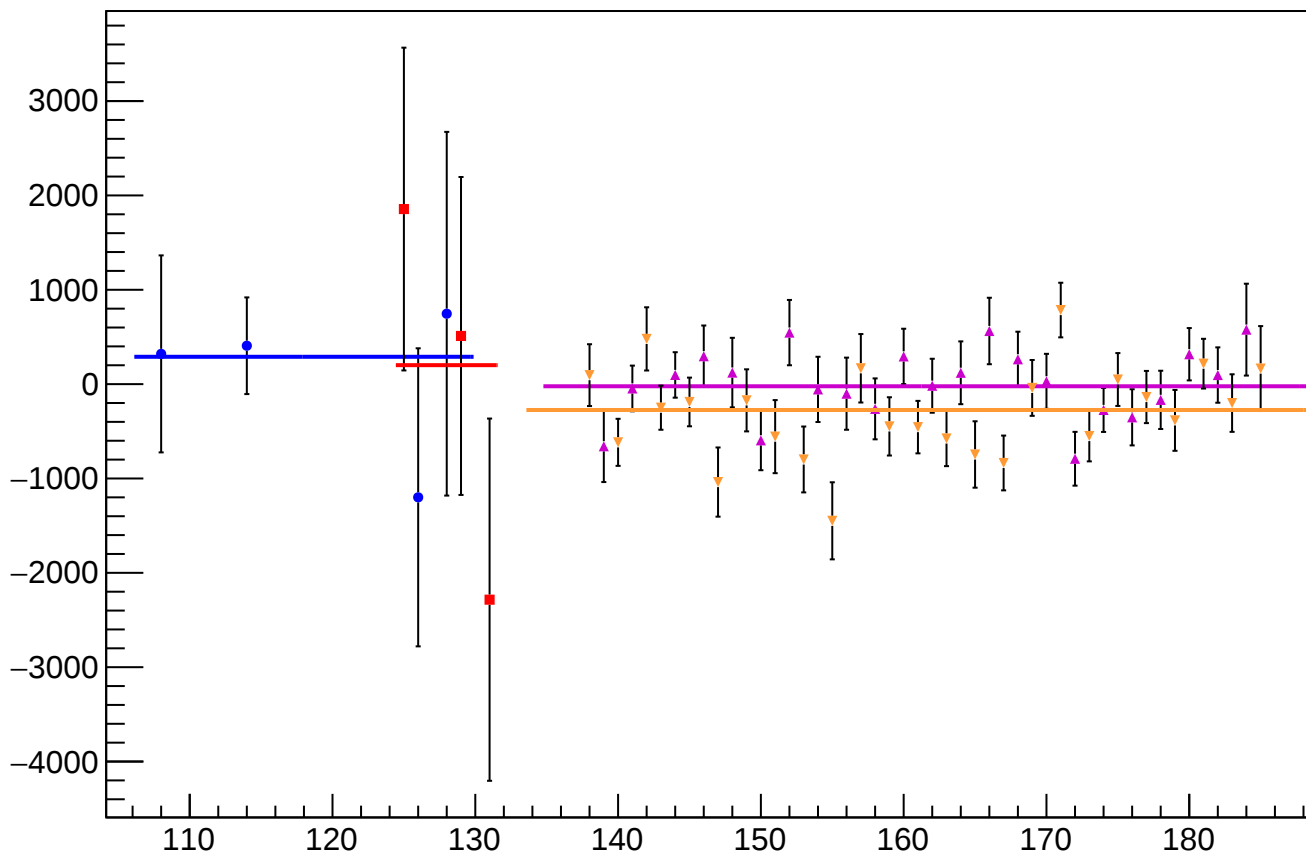
Left In: 59.410+/-0.010 χ^2/NDF : 373052.7/22

+ sign 60.165+/-0.009 χ^2/NDF : 654127.0/41

All: 60.458+/-0.006 χ^2/NDF : 1327055.9/83

- sign 60.765+/-0.009 χ^2/NDF : 670528.1/41

asym_sam8_correction_mean vs Slug



Right In: 289.832 $\pm$ 430.437 χ^2 /NDF: 1.0/3

Left Out: -274.130 $\pm$ 60.805 χ^2 /NDF: 53.9/24

Right Out: 201.085 $\pm$ 1017.740 χ^2 /NDF: 2.6/2

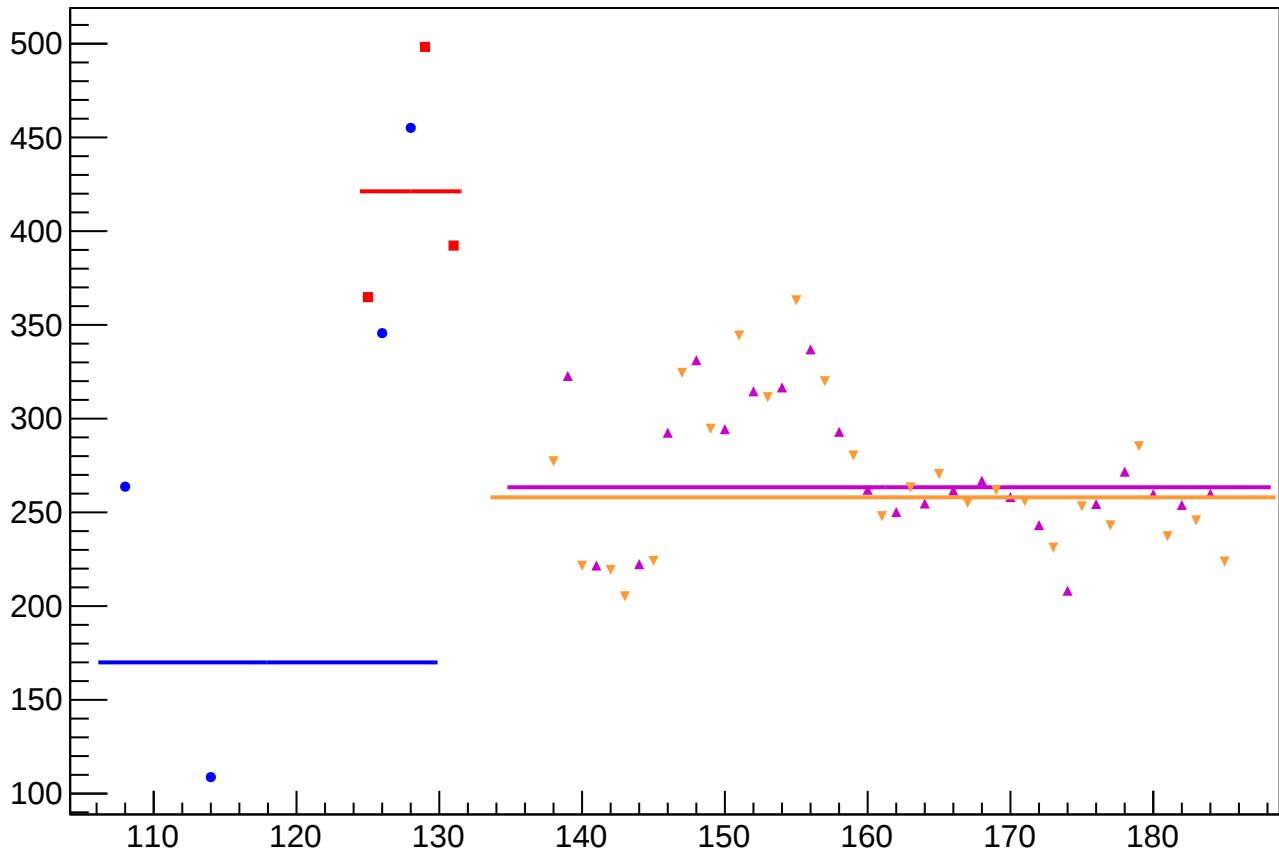
Left In: -22.631 $\pm$ 63.643 χ^2 /NDF: 28.9/22

+ sign -263.096 $\pm$ 60.208 χ^2 /NDF: 56.6/28

All: -148.882 $\pm$ 43.697 χ^2 /NDF: 95.8/54

- sign -21.759 $\pm$ 63.519 χ^2 /NDF: 31.6/25

asym_sam8_correction_rms vs Slug



Right In: 169.977 $\pm$ 0.304 χ^2 /NDF: 113149.8/3

Left Out: 258.034 $\pm$ 0.043 χ^2 /NDF: 724924.0/24

Right Out: 421.246 $\pm$ 0.720 χ^2 /NDF: 6812.8/2

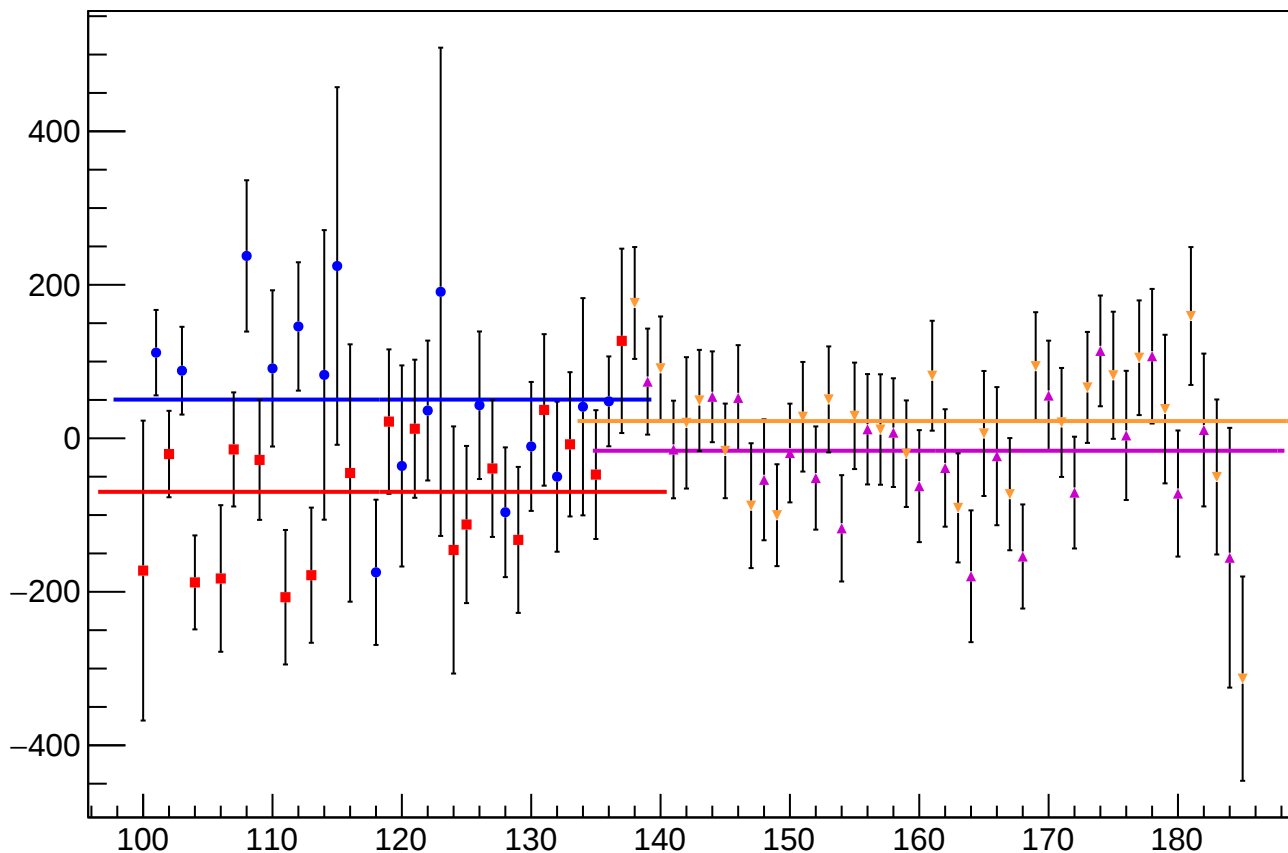
Left In: 263.397 $\pm$ 0.045 χ^2 /NDF: 585600.2/22

+ sign 256.311 $\pm$ 0.043 χ^2 /NDF: 920138.0/28

All: 259.955 $\pm$ 0.031 χ^2 /NDF: 1575957.7/54

- sign 264.012 $\pm$ 0.045 χ^2 /NDF: 640336.0/25

reg_asym_sam_15_avg_mean vs Slug



Right In: 50.467 $\pm$ 21.547 χ^2 /NDF: 18.2/16

Left Out: 22.473 $\pm$ 14.969 χ^2 /NDF: 29.2/24

Right Out: -69.739 $\pm$ 20.448 χ^2 /NDF: 18.1/18

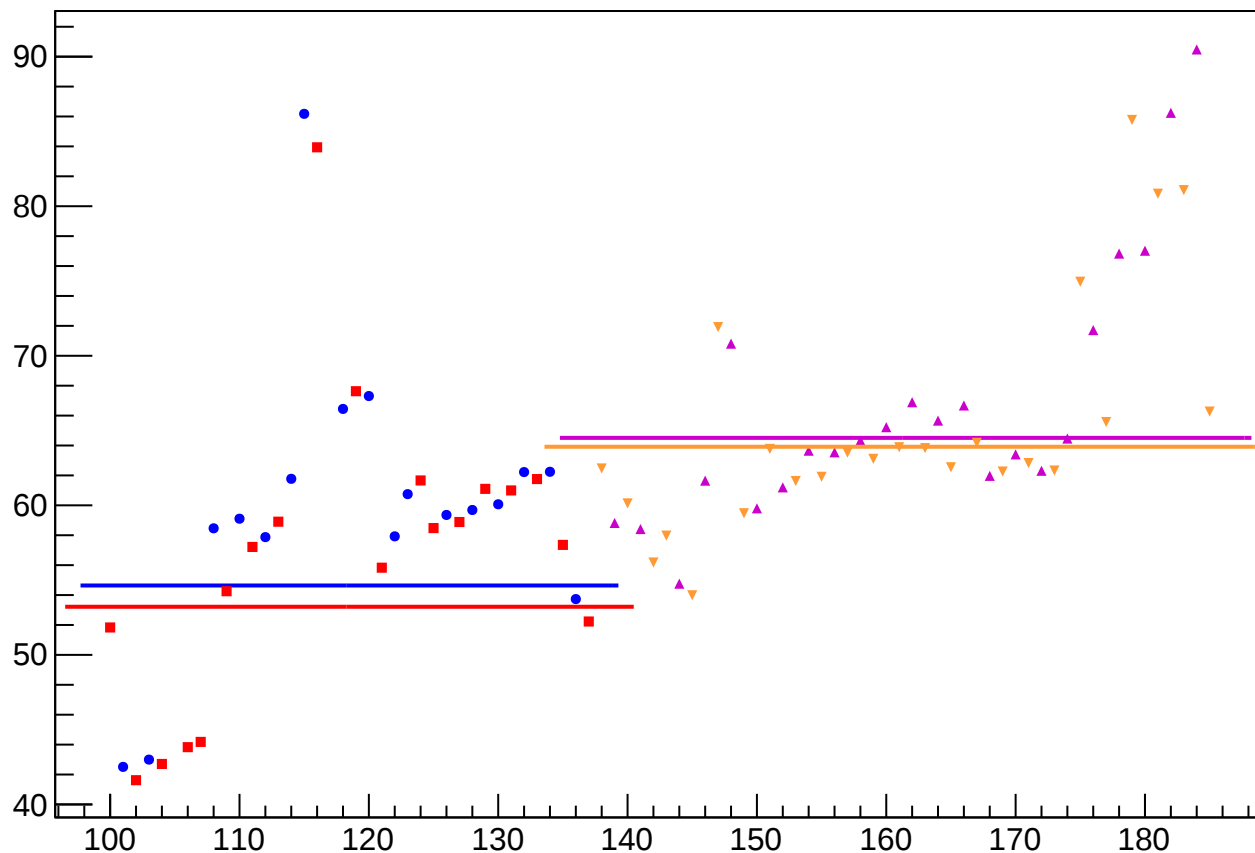
Left In: -16.198 $\pm$ 15.531 χ^2 /NDF: 23.3/22

+ sign 31.585 $\pm$ 12.294 χ^2 /NDF: 48.6/41

All: -1.897 $\pm$ 8.719 χ^2 /NDF: 109.2/83

- sign -35.785 $\pm$ 12.368 χ^2 /NDF: 45.7/41

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.640 ± 0.015 χ^2/NDF : 318989.1/16

Left Out: 63.917 ± 0.011 χ^2/NDF : 395003.5/24

Right Out: 53.218 ± 0.014 χ^2/NDF : 387904.0/18

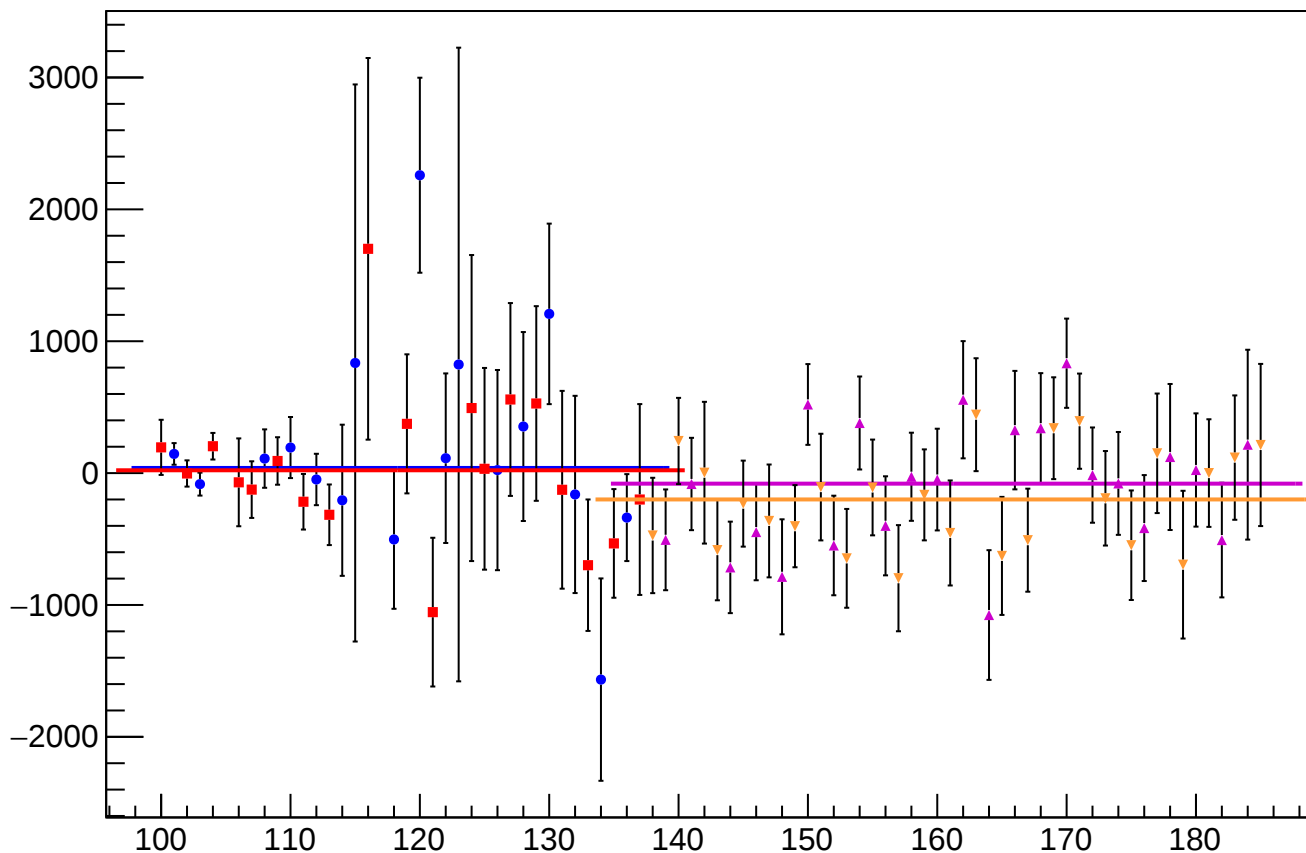
Left In: 64.511 ± 0.011 χ^2/NDF : 370515.2/22

+ sign 60.897 ± 0.009 χ^2/NDF : 964044.1/41

All: 60.640 ± 0.006 χ^2/NDF : 2111031.2/83

- sign 60.380 ± 0.009 χ^2/NDF : 1145224.7/41

asym_sam_15_avg_correction_mean vs Slug



Right In: 39.017 $\pm$ 51.561 χ^2/NDF : 23.8/16

Left Out: -199.789 $\pm$ 79.556 χ^2/NDF : 19.8/24

Right Out: 21.418 $\pm$ 53.288 χ^2/NDF : 18.8/18

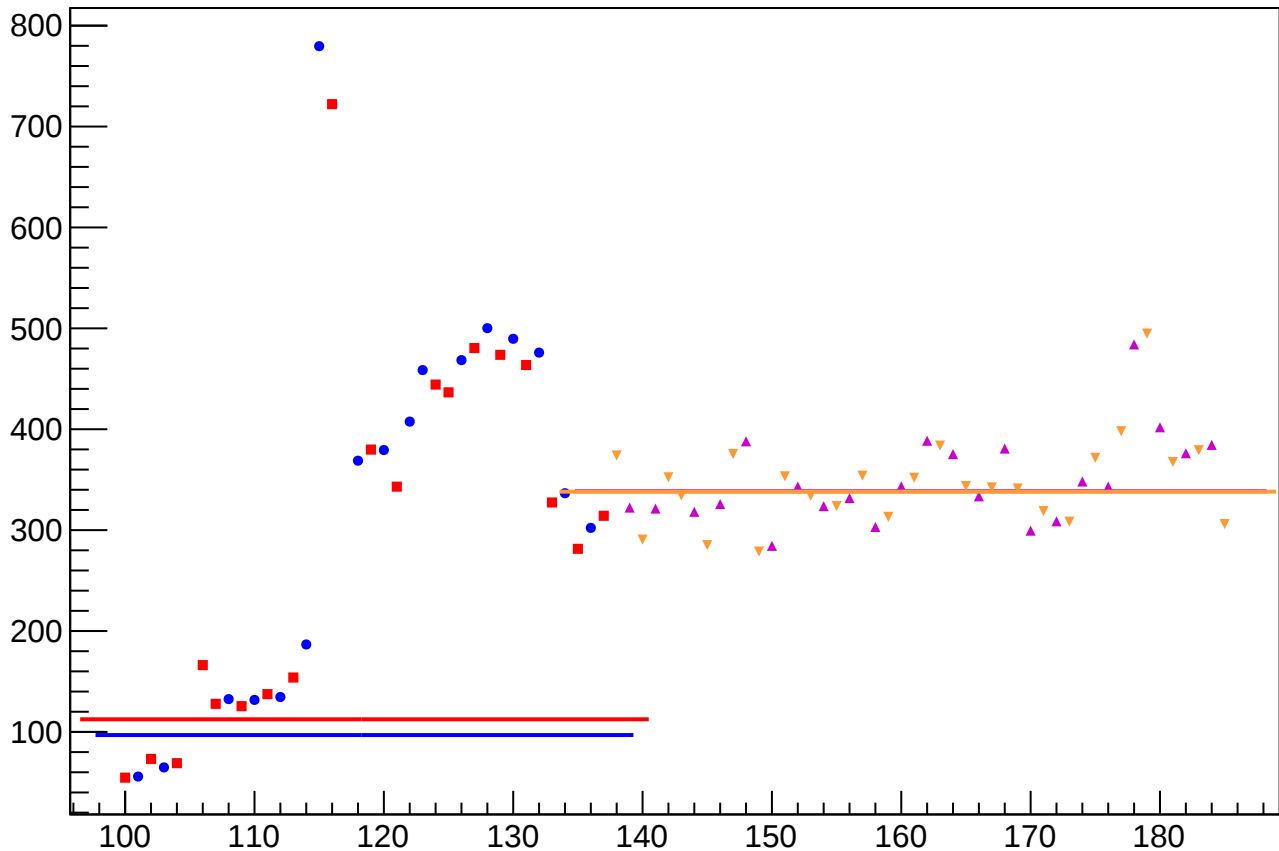
Left In: -79.985 $\pm$ 81.781 χ^2/NDF : 33.4/22

+ sign -31.622 $\pm$ 43.268 χ^2/NDF : 49.9/41

All: -20.570 $\pm$ 31.071 χ^2/NDF : 103.4/83

- sign -8.804 $\pm$ 44.647 χ^2/NDF : 53.3/41

asym_sam_15_avg_correction_rms vs Slug



Right In: 96.900+/-0.036 χ^2/NDF : 5800378.0/16

Left Out: 338.119+/-0.056 χ^2/NDF : 498437.3/24

Right Out: 112.520+/-0.038 χ^2/NDF : 5015761.7/18

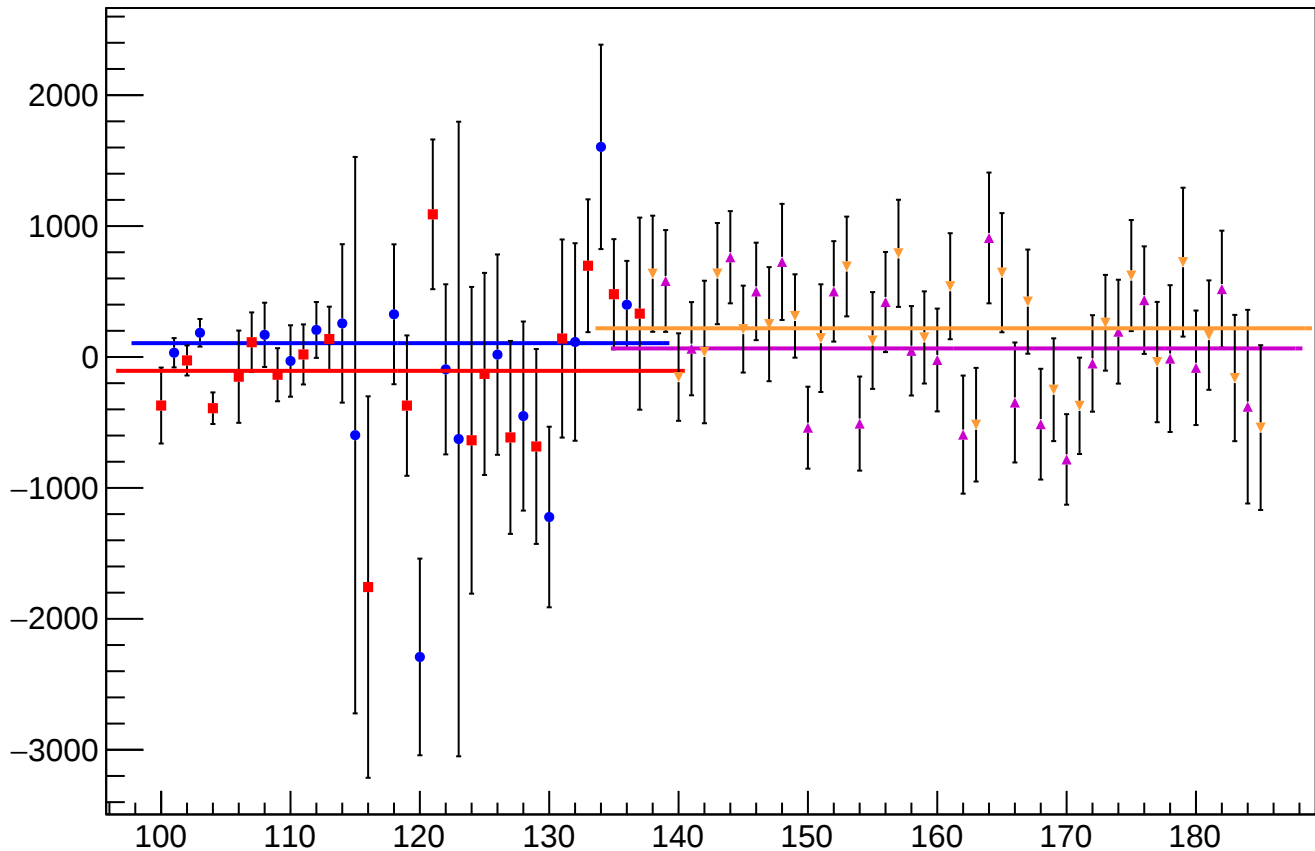
Left In: 338.564+/-0.058 χ^2/NDF : 437243.0/22

+ sign 168.252+/-0.031 χ^2/NDF : 19246884.9/41

All: 173.888+/-0.022 χ^2/NDF : 35495651.4/83

- sign 179.889+/-0.032 χ^2/NDF : 16178695.3/41

asym_sam_15_avg_mean vs Slug



Right In: 105.662 ± 63.187 χ^2/NDF : 21.0/16

Left Out: 219.319 ± 81.026 χ^2/NDF : 19.9/24

Right Out: -105.735 ± 60.878 χ^2/NDF : 21.2/18

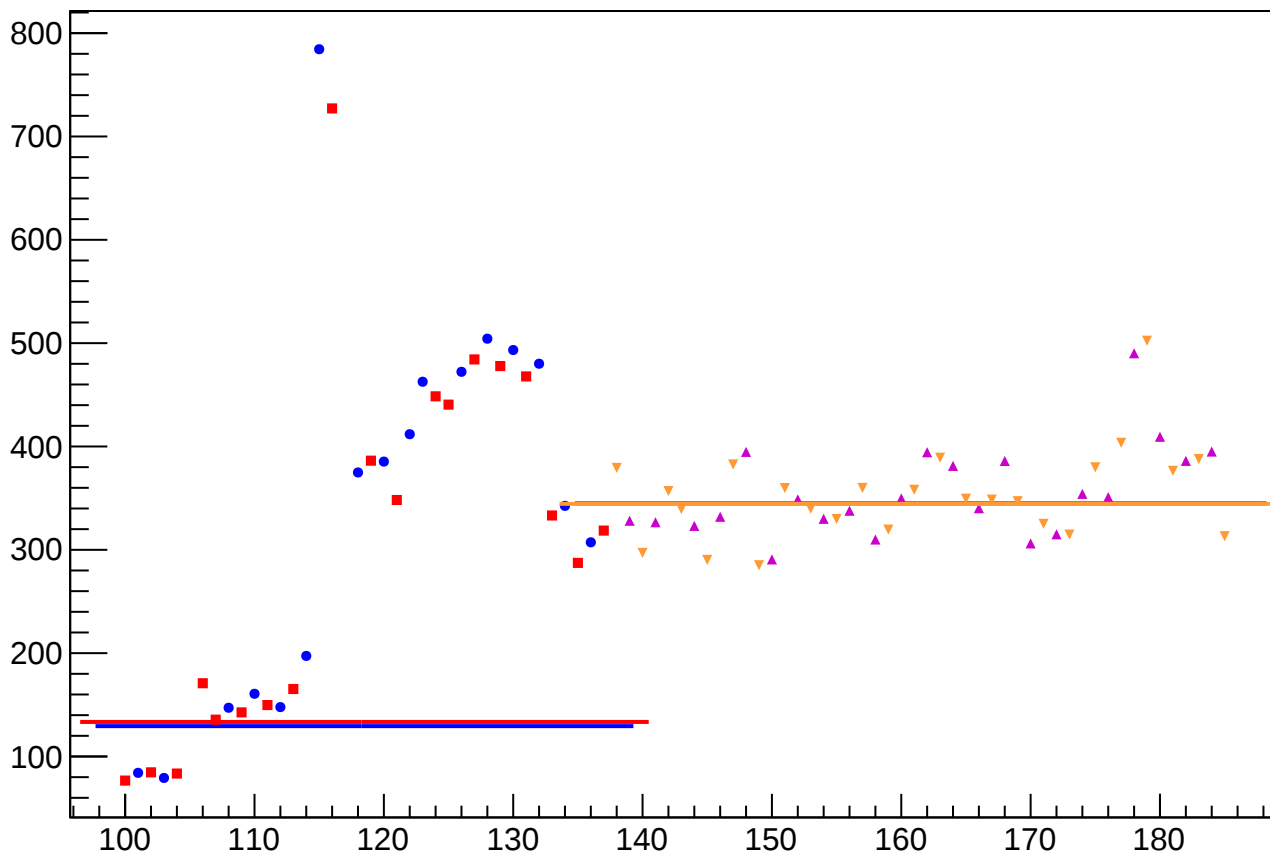
Left In: 65.510 ± 83.319 χ^2/NDF : 34.0/22

+ sign 148.643 ± 49.827 χ^2/NDF : 42.1/41

All: 49.932 ± 34.993 χ^2/NDF : 107.8/83

- sign -46.133 ± 49.155 χ^2/NDF : 57.9/41

asym_sam_15_avg_rms vs Slug



Right In: 129.376+/-0.045 χ^2/NDF : 4758533.8/16

Left Out: 344.495+/-0.057 χ^2/NDF : 488153.2/24

Right Out: 133.433+/-0.043 χ^2/NDF : 4349255.7/18

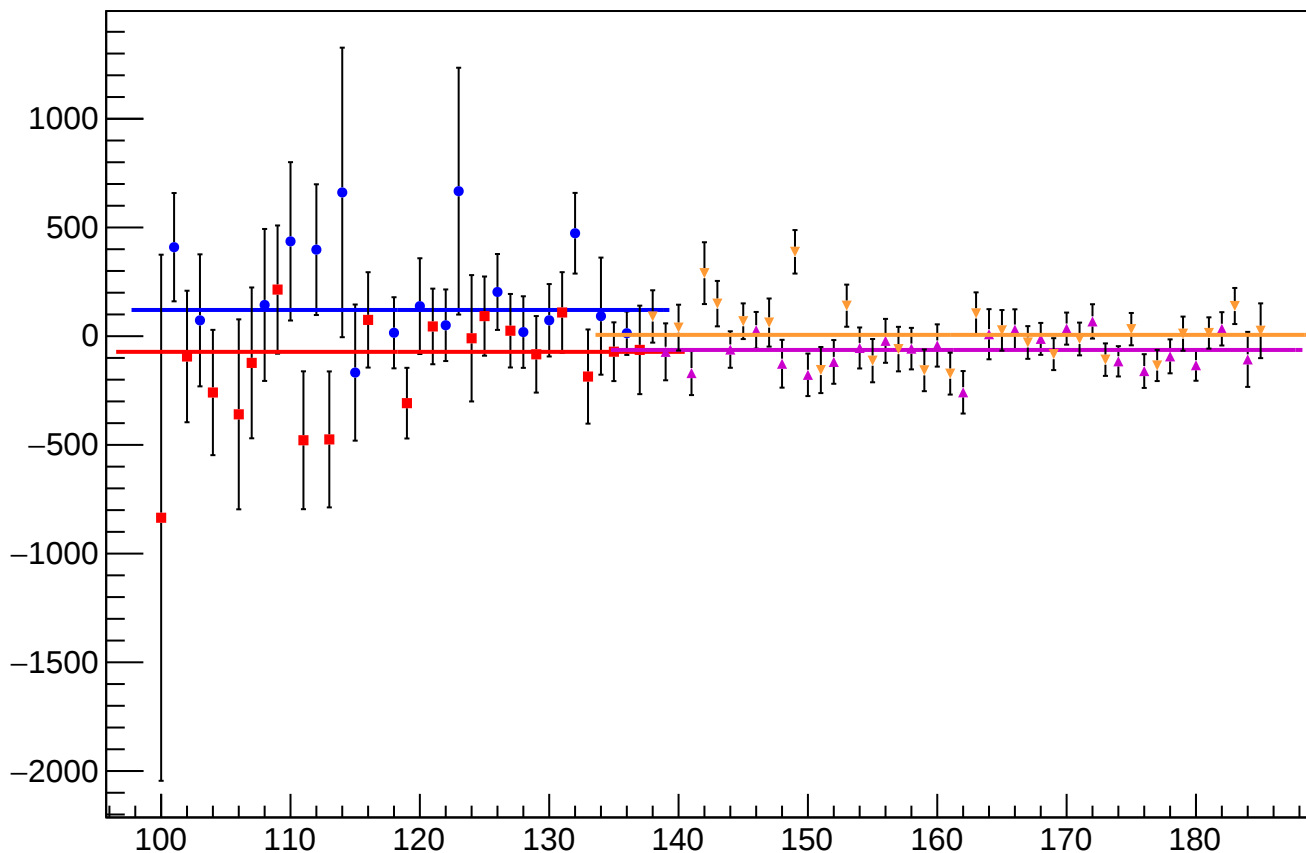
Left In: 345.039+/-0.059 χ^2/NDF : 427381.3/22

+ sign 210.727+/-0.035 χ^2/NDF : 14012930.9/41

All: 208.880+/-0.025 χ^2/NDF : 27205315.6/83

- sign 207.083+/-0.035 χ^2/NDF : 13186964.5/41

reg_asym_sam_26_avg_mean vs Slug



Right In: 120.594 $\pm$ 49.201 χ^2 /NDF: 11.5/16

Left Out: 6.023 $\pm$ 17.912 χ^2 /NDF: 46.0/24

Right Out: -72.023 $\pm$ 50.051 χ^2 /NDF: 11.0/18

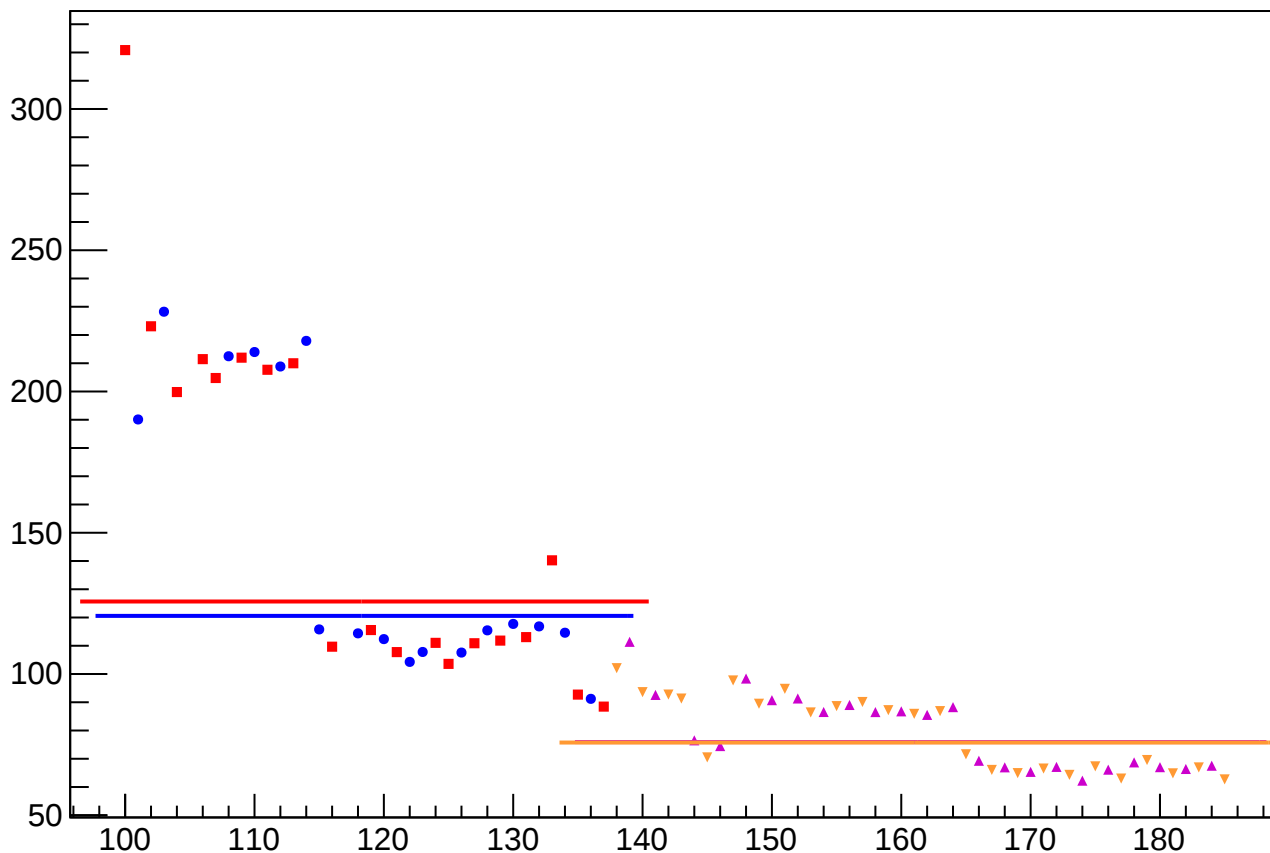
Left In: -63.279 $\pm$ 18.447 χ^2 /NDF: 19.8/22

+ sign 19.431 $\pm$ 16.832 χ^2 /NDF: 62.3/41

All: -21.277 $\pm$ 12.067 χ^2 /NDF: 105.1/83

- sign -64.325 $\pm$ 17.308 χ^2 /NDF: 30.8/41

reg_asym_sam_26_avg_rms vs Slug



Right In: 120.576 $\pm$ 0.035 χ^2 /NDF: 1107352.4/16

Left Out: 75.743 $\pm$ 0.013 χ^2 /NDF:937899.0/24

Right Out: 125.666 $\pm$ 0.035 χ^2 /NDF: 1329602.0/18

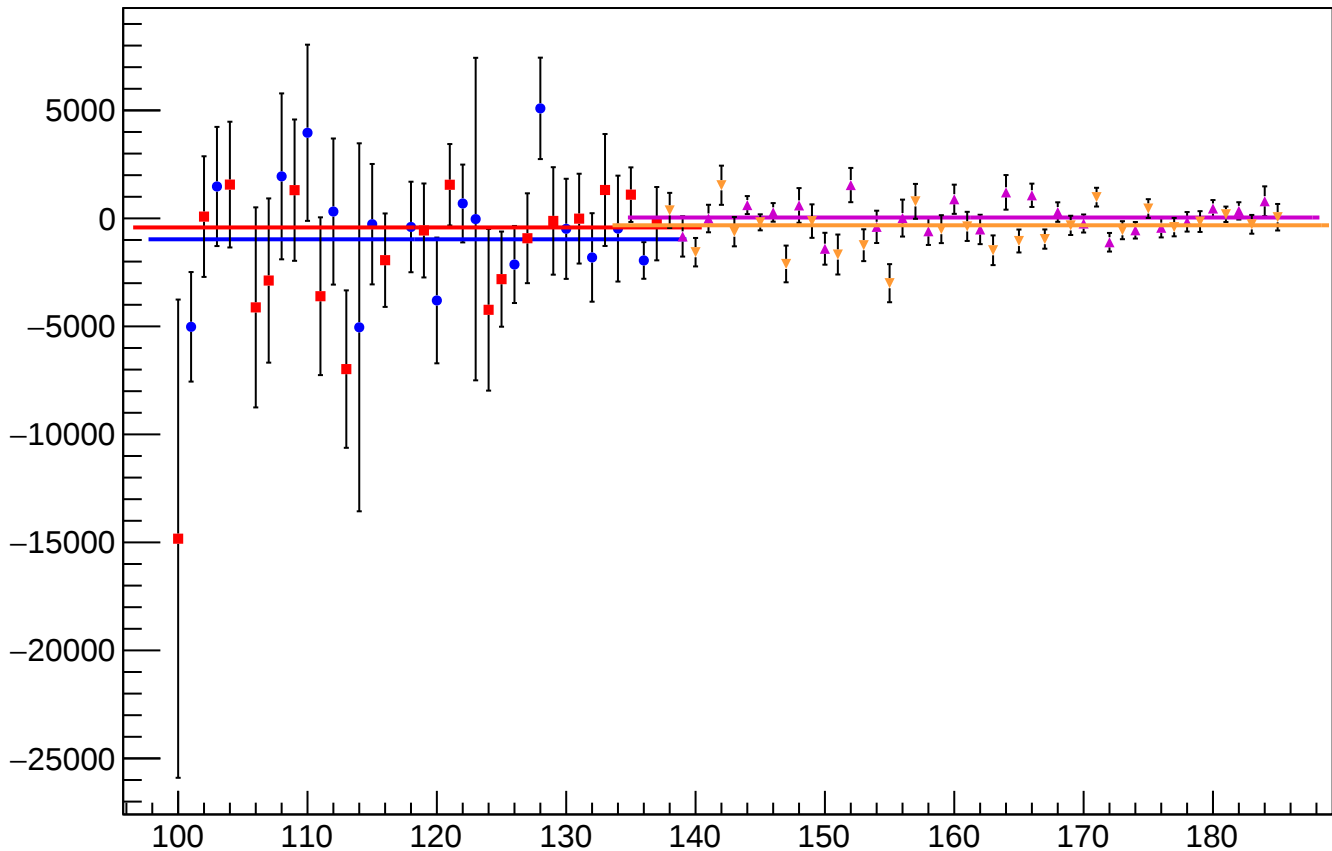
Left In: 75.909 $\pm$ 0.013 χ^2 /NDF:831366.4/22

+ sign 80.990 $\pm$ 0.012 χ^2 /NDF: 3511556.9/41

All: 81.413 $\pm$ 0.009 χ^2 /NDF: 7415281.7/83

- sign 81.860 $\pm$ 0.012 χ^2 /NDF: 3901129.7/41

asym_sam_26_avg_correction_mean vs Slug



Right In: -968.648 ± 513.413 χ^2/NDF : 16.4/16

Left Out: -319.831 ± 108.029 χ^2/NDF : 50.0/24

Right Out: -419.047 ± 546.790 χ^2/NDF : 13.3/18

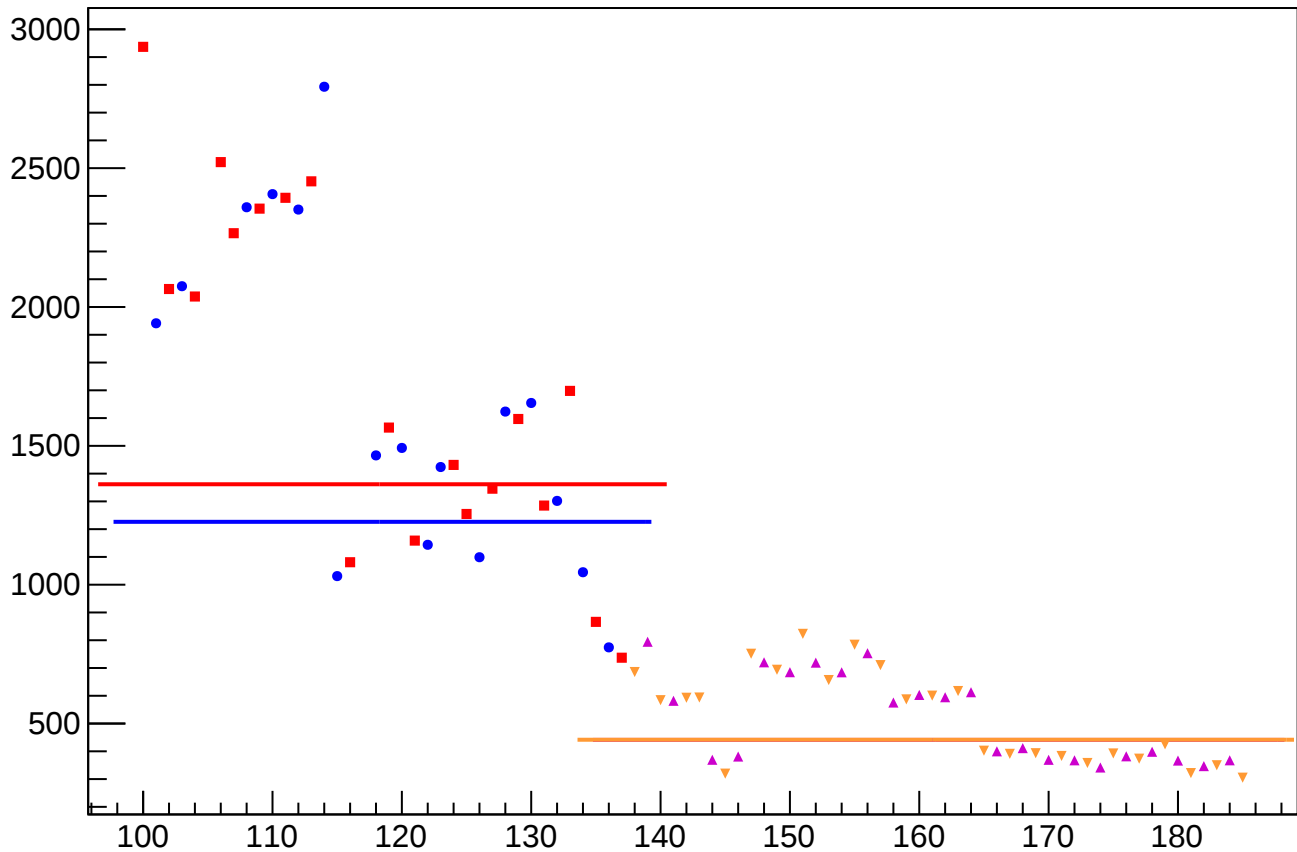
Left In: 40.473 ± 110.252 χ^2/NDF : 34.7/22

+ sign -347.339 ± 105.714 χ^2/NDF : 67.9/41

All: -166.496 ± 75.573 χ^2/NDF : 122.7/83

- sign 22.520 ± 108.077 χ^2/NDF : 48.8/41

asym_sam_26_avg_correction_rms vs Slug



Right In: 1226.408+/-0.363 χ^2/NDF : 1754373.1/16

Left Out: 441.688+/-0.076 χ^2/NDF : 3169460.8/24

Right Out: 1361.687+/-0.387 χ^2/NDF : 1749515.8/18

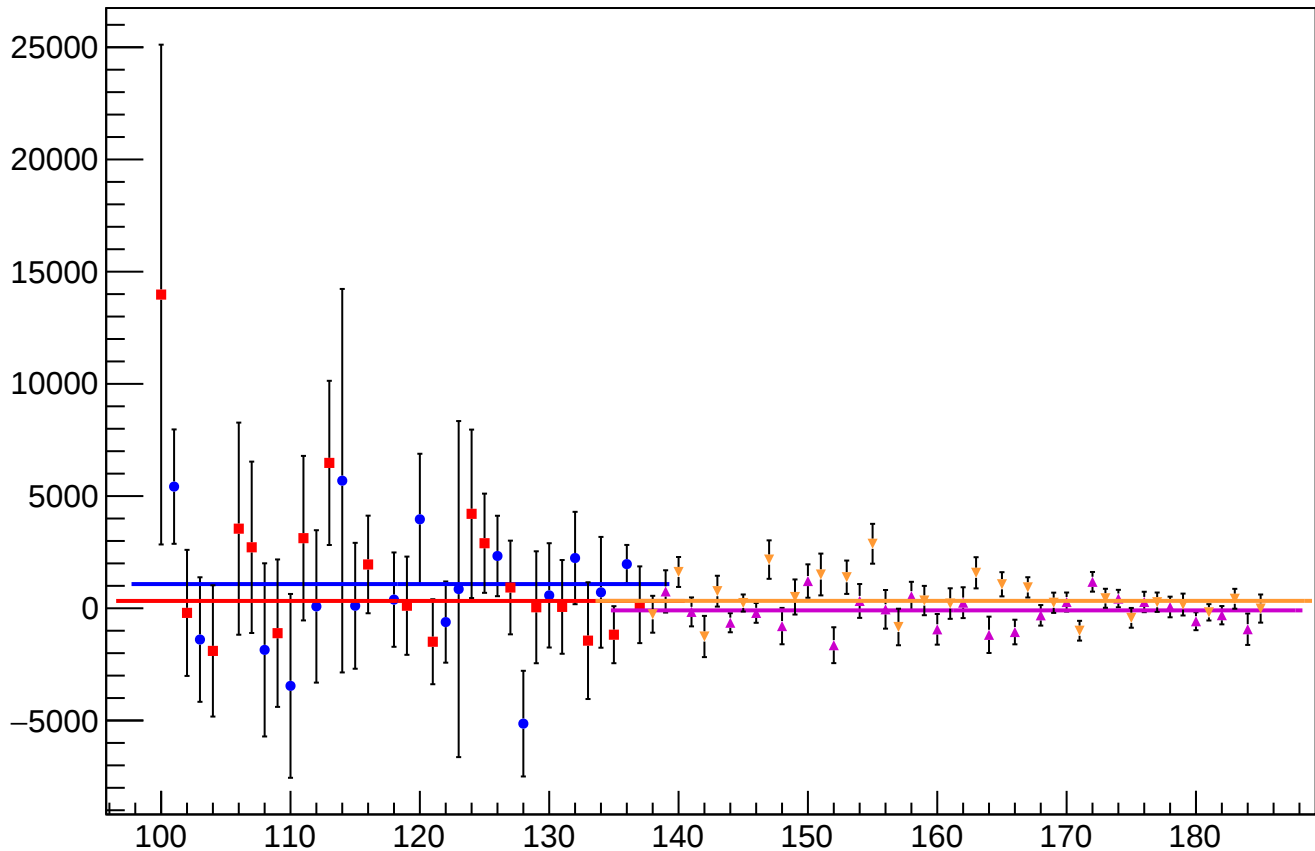
Left In: 441.009+/-0.078 χ^2/NDF : 2597018.1/22

+ sign 474.957+/-0.075 χ^2/NDF : 9397989.0/41

All: 475.946+/-0.053 χ^2/NDF : 19193632.5/83

- sign 476.978+/-0.076 χ^2/NDF : 9795286.2/41

asym_sam_26_avg_mean vs Slug



Right In: 1078.872 $\pm$ 516.347 χ^2 /NDF: 16.9/16

Left Out: 330.372 $\pm$ 109.684 χ^2 /NDF: 47.7/24

Right Out: 327.027 $\pm$ 549.623 χ^2 /NDF: 12.5/18

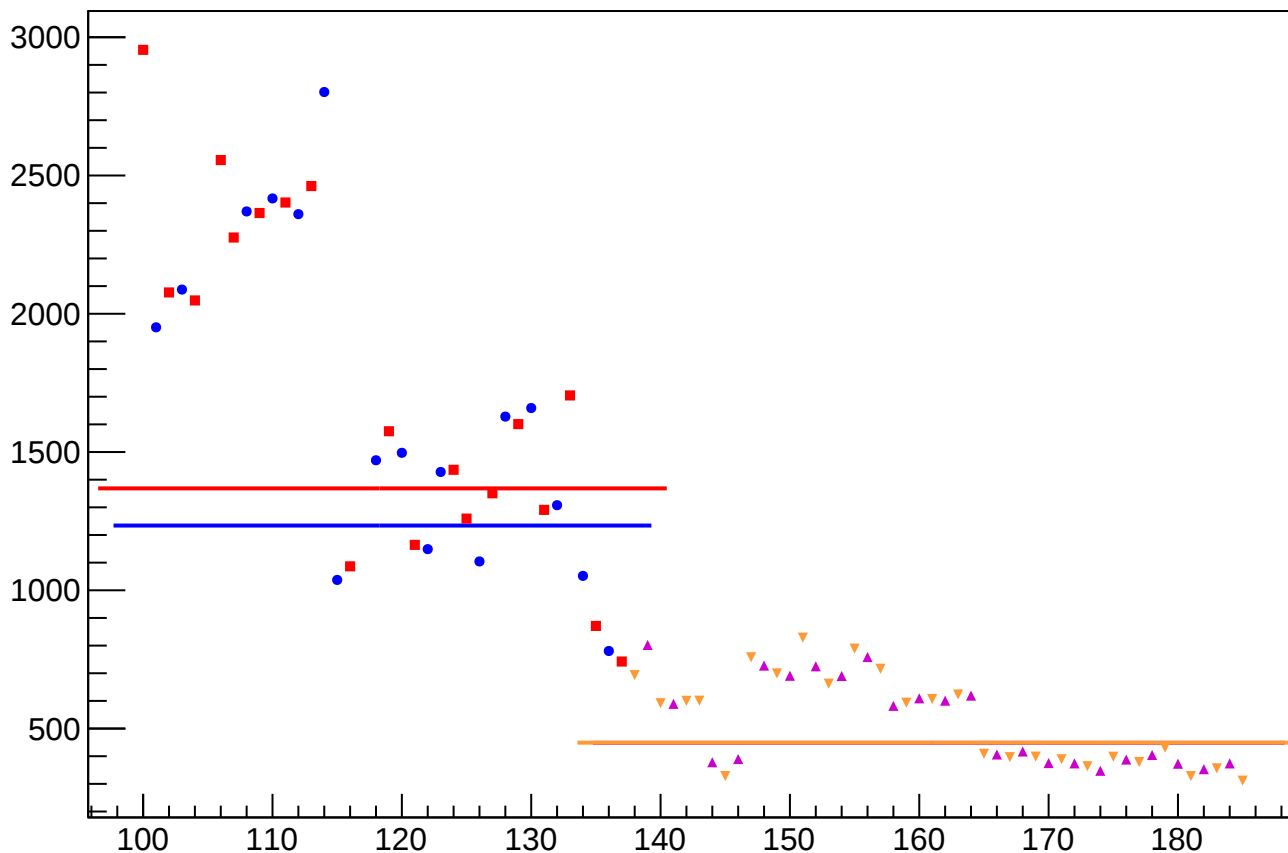
Left In: -93.310 $\pm$ 111.960 χ^2 /NDF: 33.3/22

+ sign 362.689 $\pm$ 107.290 χ^2 /NDF: 66.7/41

All: 147.954 $\pm$ 76.706 χ^2 /NDF: 121.2/83

- sign -76.564 $\pm$ 109.707 χ^2 /NDF: 46.4/41

asym_sam_26_avg_rms vs Slug



Right In: 1234.132+/-0.365 χ^2/NDF : 1741964.9/16

Left Out: 449.020+/-0.078 χ^2/NDF : 3090785.0/24

Right Out: 1368.544+/-0.389 χ^2/NDF : 1745009.6/18

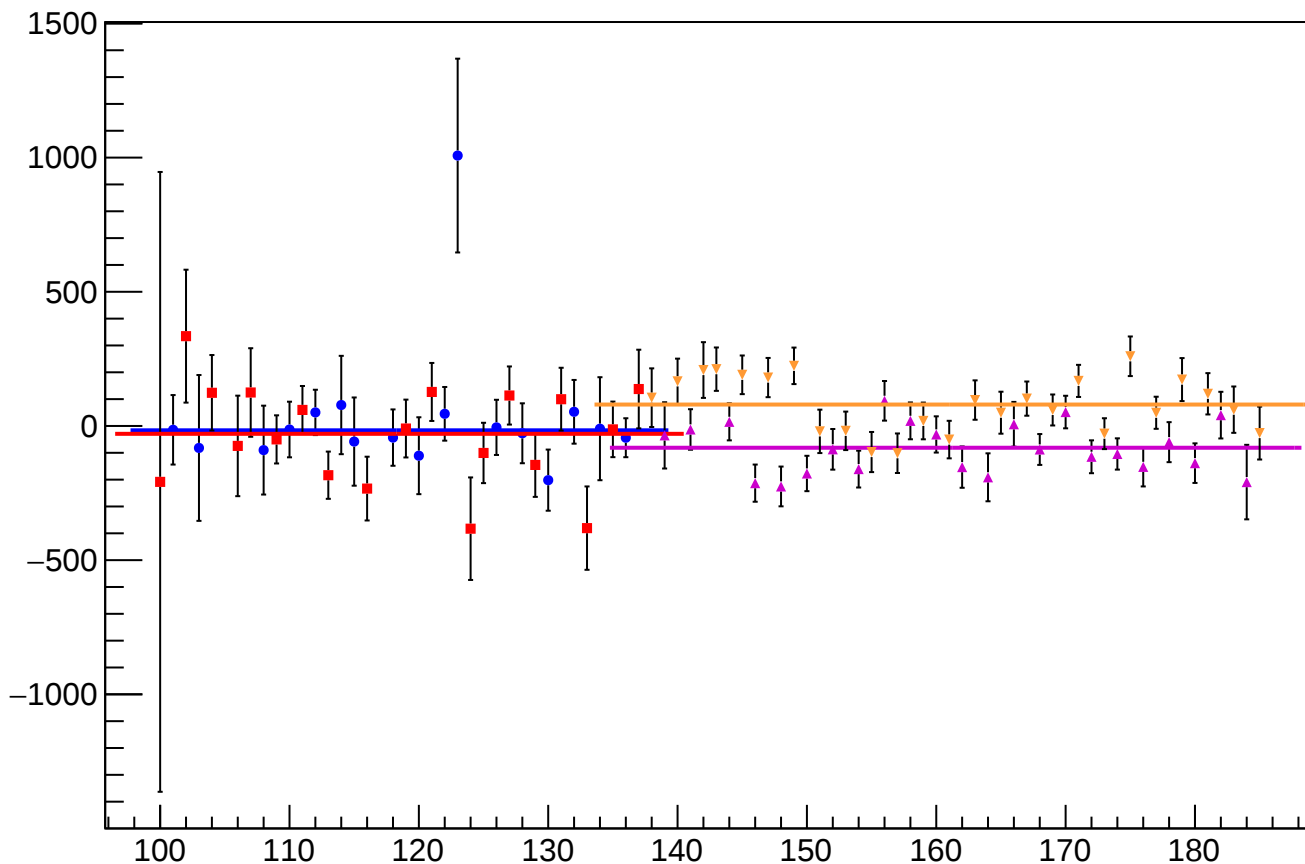
Left In: 448.307+/-0.079 χ^2/NDF : 2537376.0/22

+ sign 482.918+/-0.076 χ^2/NDF : 9257038.2/41

All: 483.921+/-0.054 χ^2/NDF : 18923001.5/83

- sign 484.971+/-0.078 χ^2/NDF : 9665605.3/41

reg_asym_sam_37_avg_mean vs Slug



Right In: -16.204 ± 28.906 $\chi^2/\text{NDF}: 13.3/16$

Left Out: 79.830 ± 14.594 $\chi^2/\text{NDF}: 48.6/24$

Right Out: -29.279 ± 28.050 $\chi^2/\text{NDF}: 27.6/18$

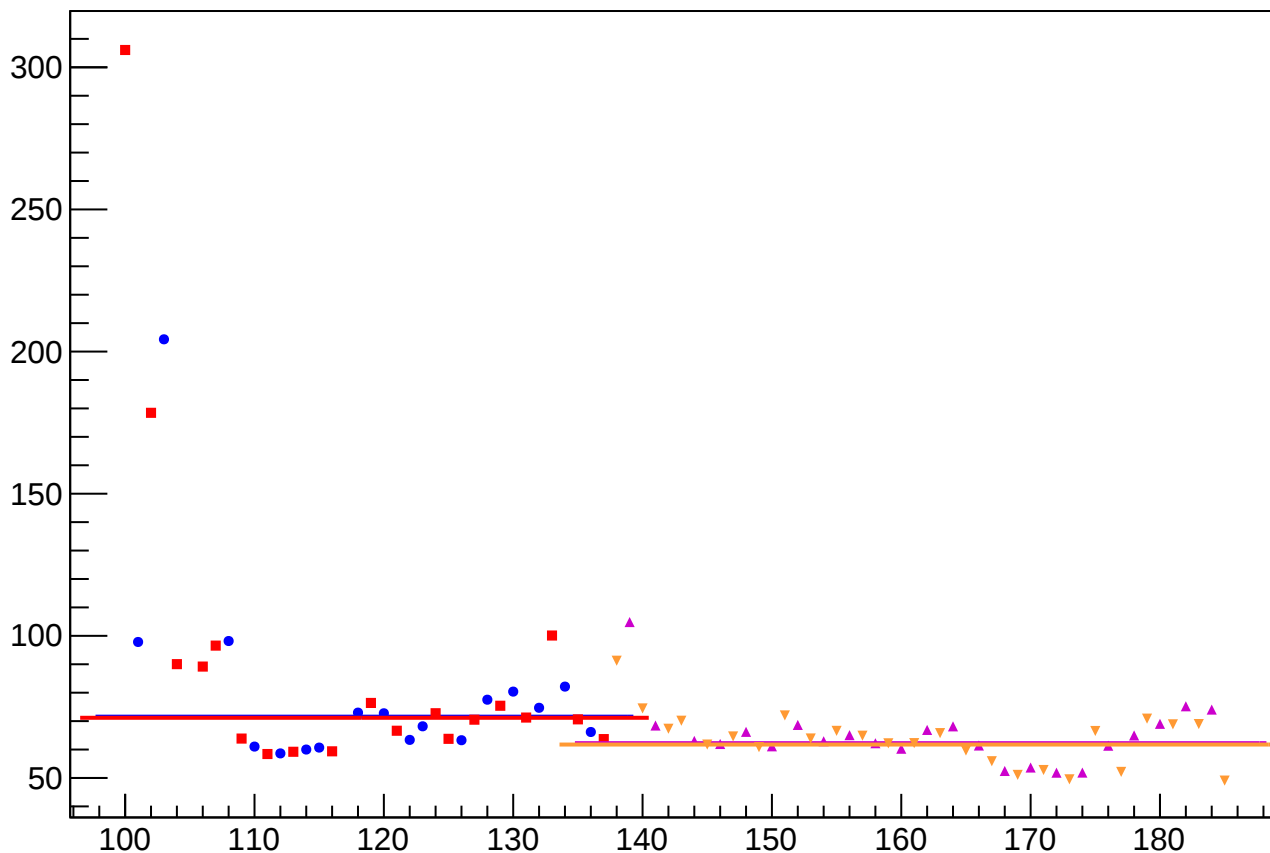
Left In: -81.156 ± 15.105 $\chi^2/\text{NDF}: 35.3/22$

+ sign 60.324 ± 13.027 $\chi^2/\text{NDF}: 70.7/41$

All: -3.243 ± 9.307 $\chi^2/\text{NDF}: 184.9/83$

- sign -69.494 ± 13.300 $\chi^2/\text{NDF}: 65.6/41$

reg_asym_sam_37_avg_rms vs Slug



Right In: 71.567 $\pm$ 0.020 χ^2 /NDF: 758733.9/16

Left Out: 61.759 $\pm$ 0.010 χ^2 /NDF: 645370.9/24

Right Out: 71.173 $\pm$ 0.020 χ^2 /NDF: 765136.0/18

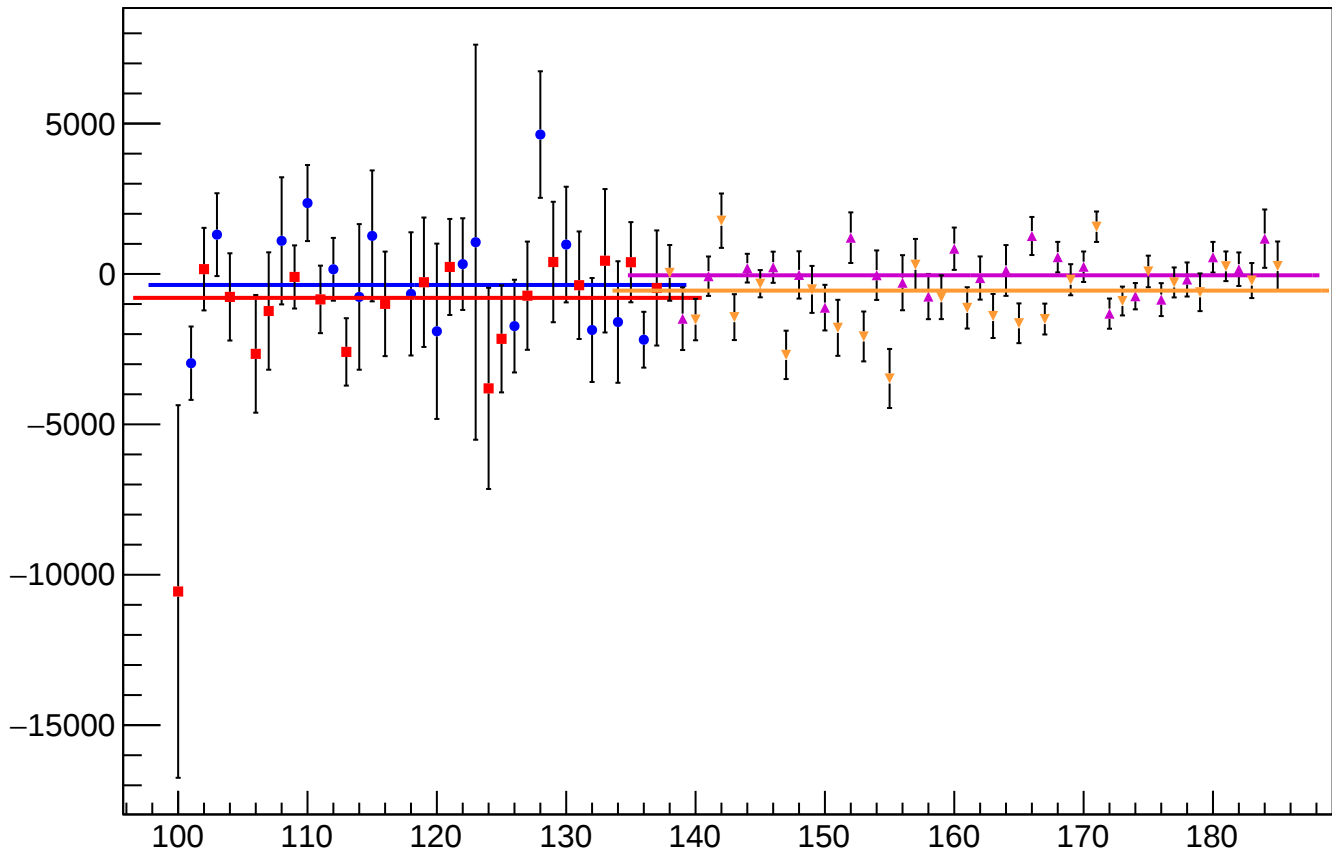
Left In: 62.250 $\pm$ 0.011 χ^2 /NDF: 591085.1/22

+ sign 63.751 $\pm$ 0.009 χ^2 /NDF: 1587578.6/41

All: 63.998 $\pm$ 0.007 χ^2 /NDF: 3102155.7/83

- sign 64.256 $\pm$ 0.009 χ^2 /NDF: 1513107.4/41

asym_sam_37_avg_correction_mean vs Slug



Right In: -365.739 $\pm$ 382.977 χ^2/NDF : 24.4/16

Left Out: -553.151 $\pm$ 126.996 χ^2/NDF : 65.3/24

Right Out: -794.732 $\pm$ 370.548 χ^2/NDF : 10.3/18

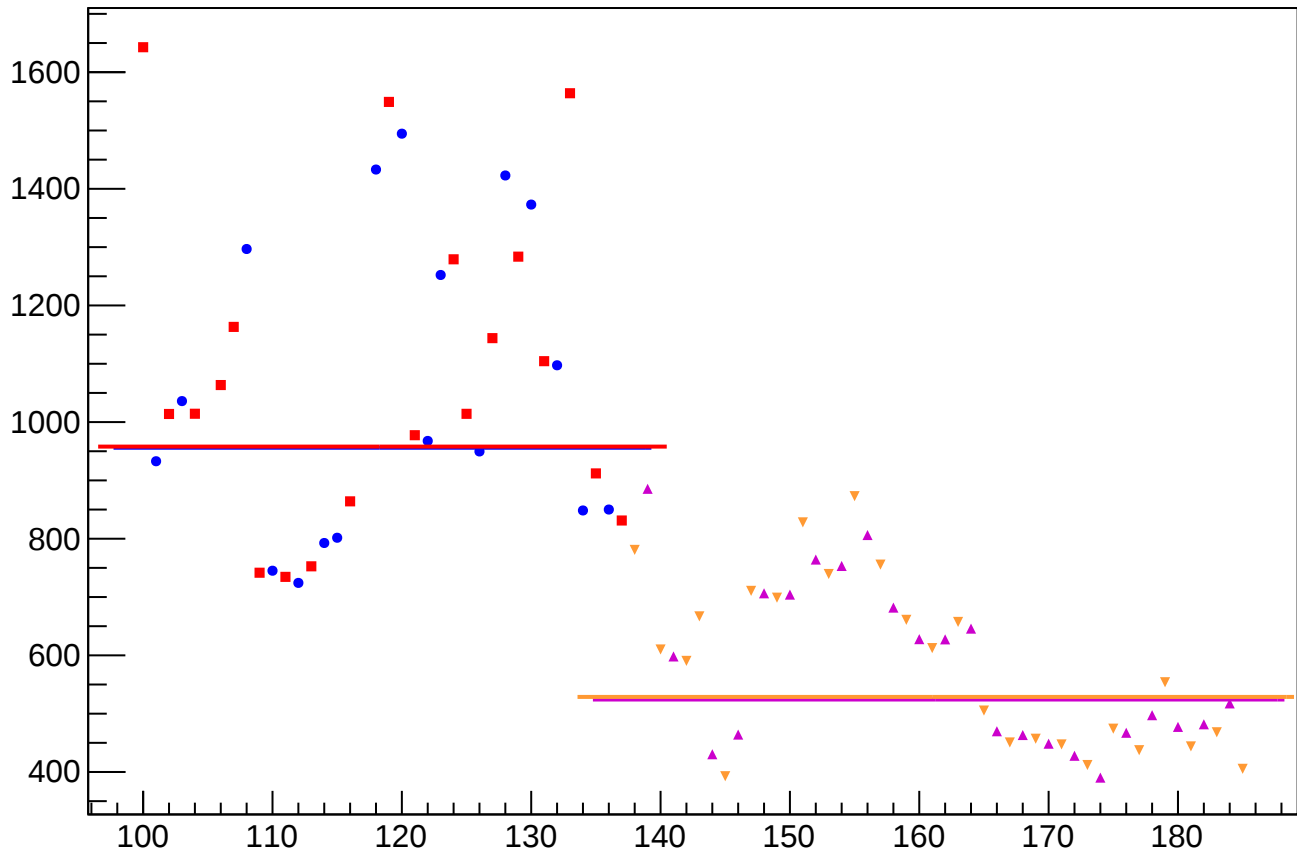
Left In: -44.578 $\pm$ 129.095 χ^2/NDF : 29.6/22

+ sign -534.585 $\pm$ 120.541 χ^2/NDF : 89.9/41

All: -332.483 $\pm$ 85.715 χ^2/NDF : 139.1/83

- sign -125.773 $\pm$ 121.908 χ^2/NDF : 43.5/41

asym_sam_37_avg_correction_rms vs Slug



Right In: 956.049 $\pm$ 0.271 χ^2/NDF : 651701.4/16

Left Out: 528.728 $\pm$ 0.090 χ^2/NDF : 1983921.4/24

Right Out: 957.960 $\pm$ 0.262 χ^2/NDF : 695647.8/18

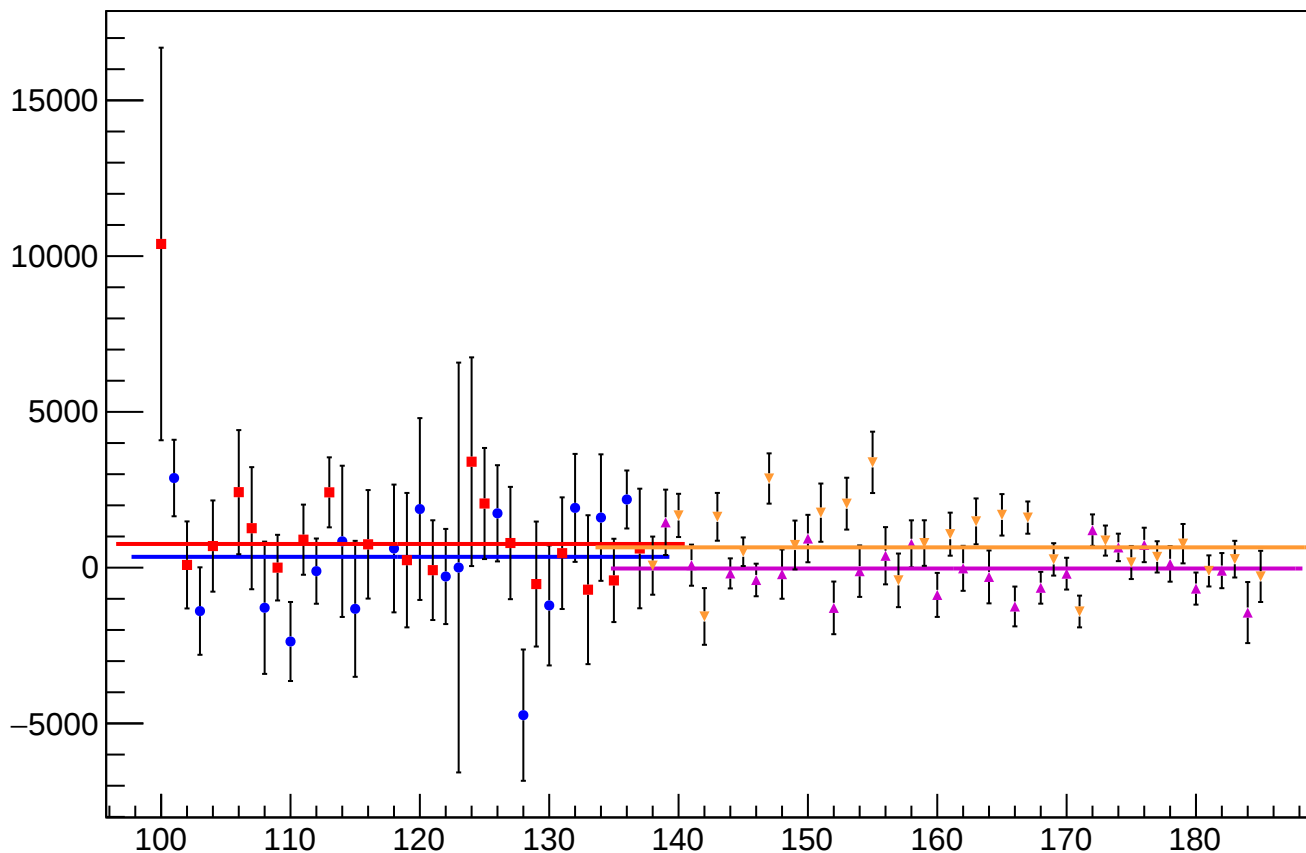
Left In: 524.268 $\pm$ 0.091 χ^2/NDF : 1716257.3/22

+ sign 571.061 $\pm$ 0.085 χ^2/NDF : 4878904.6/41

All: 571.135 $\pm$ 0.061 χ^2/NDF : 9733984.0/83

- sign 571.210 $\pm$ 0.086 χ^2/NDF : 4855077.8/41

asym_sam_37_avg_mean vs Slug



Right In: 347.157+/-384.717 χ^2/NDF : 24.7/16

Left Out: 651.784+/-127.976 χ^2/NDF : 61.1/24

Right Out: 760.420+/-372.421 χ^2/NDF : 9.1/18

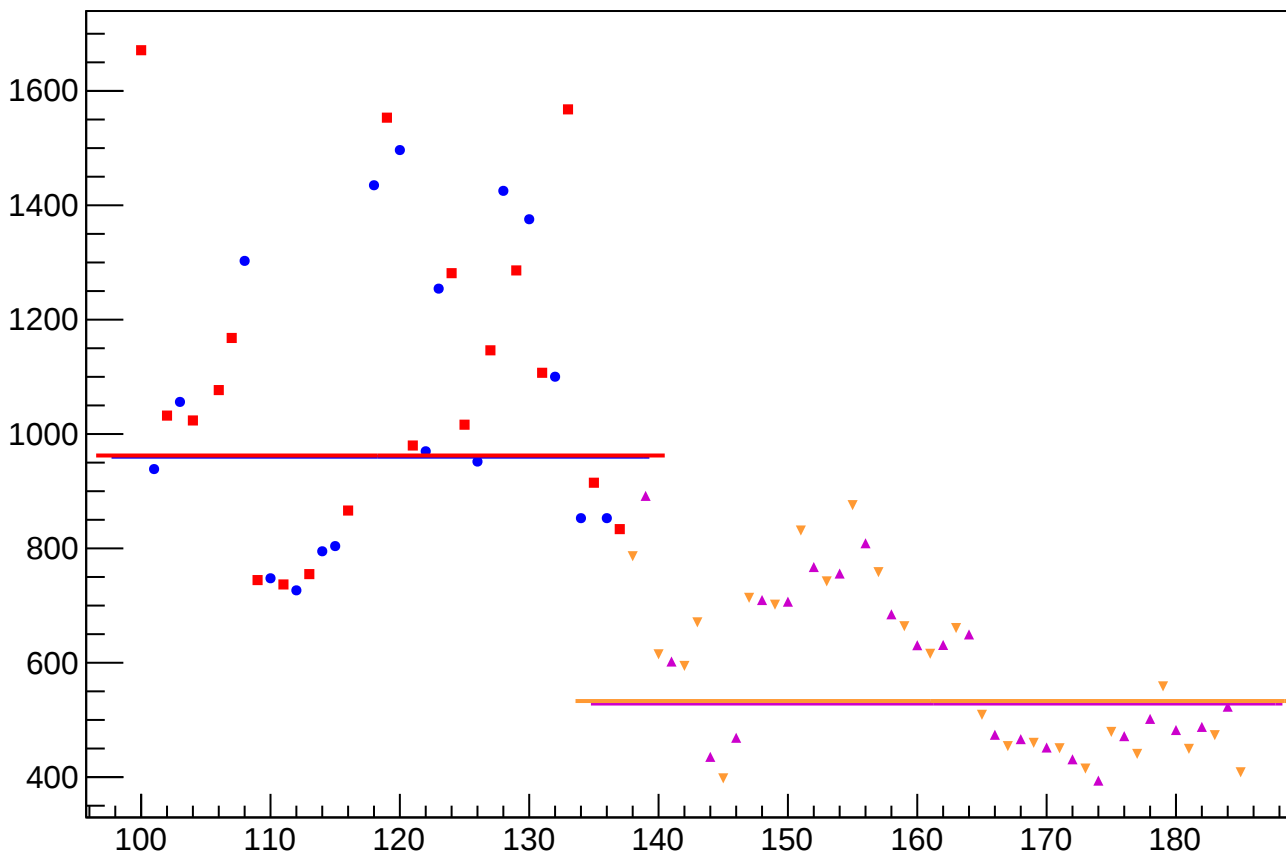
Left In: -27.483+/-130.127 χ^2/NDF : 28.5/22

+ sign 621.434+/-121.434 χ^2/NDF : 86.3/41

All: 343.089+/-86.361 χ^2/NDF : 138.5/83

- sign -58.242+/-122.844 χ^2/NDF : 41.6/41

asym_sam_37_avg_rms vs Slug



Right In: 960.401 $\pm$ 0.272 χ^2 /NDF: 651758.1/16

Left Out: 533.052 $\pm$ 0.090 χ^2 /NDF:1951752.3/24

Right Out: 962.436 $\pm$ 0.263 χ^2 /NDF: 698312.5/18

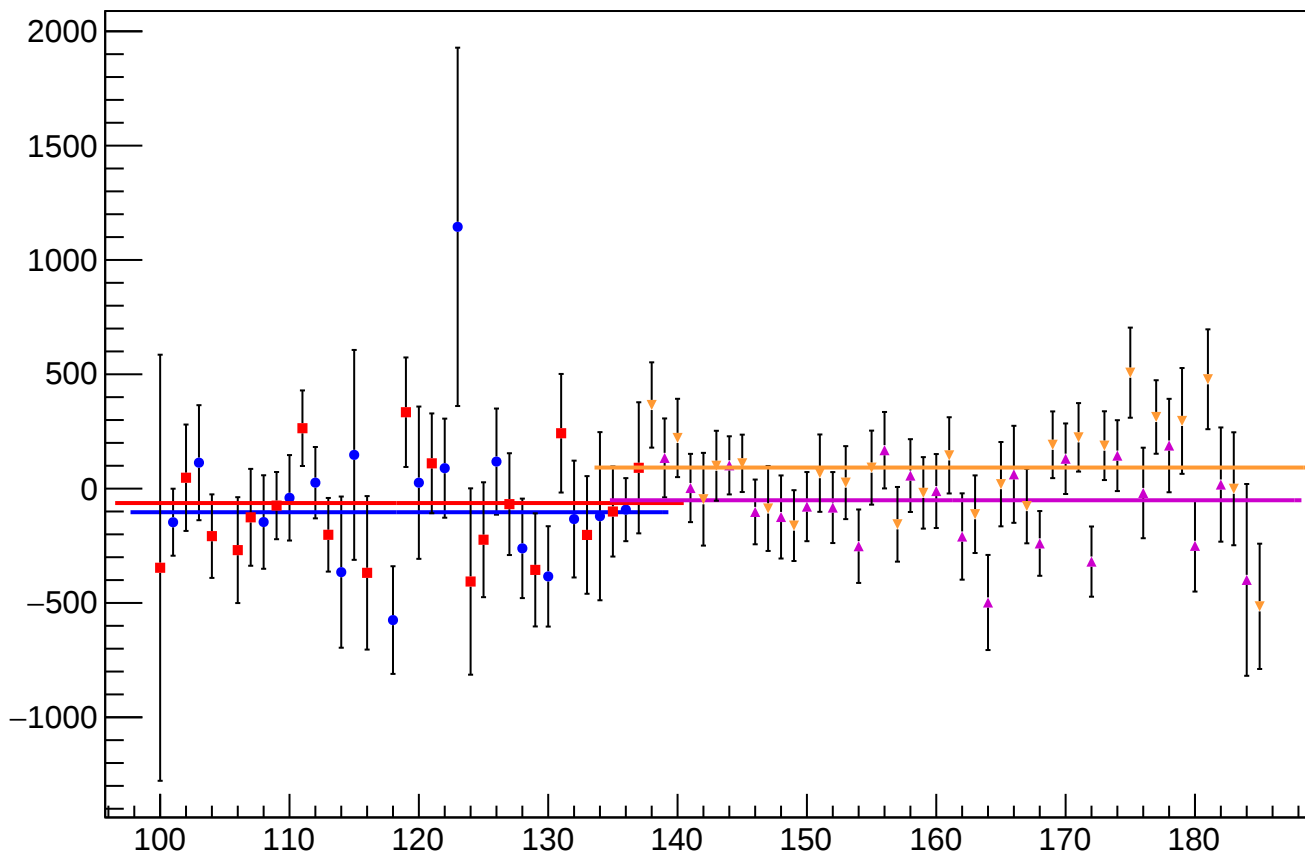
Left In: 528.694 $\pm$ 0.092 χ^2 /NDF:1688511.2/22

+ sign 575.630 $\pm$ 0.086 χ^2 /NDF: 4825449.7/41

All: 575.756 $\pm$ 0.061 χ^2 /NDF: 9629952.5/83

- sign 575.886 $\pm$ 0.087 χ^2 /NDF: 4804498.4/41

reg_asym_sam_48_avg_mean vs Slug



Right In: -103.183 ± 53.022 χ^2/NDF : 13.2/16

Left Out: 92.191 ± 34.056 χ^2/NDF : 29.5/24

Right Out: -63.083 ± 50.922 χ^2/NDF : 15.2/18

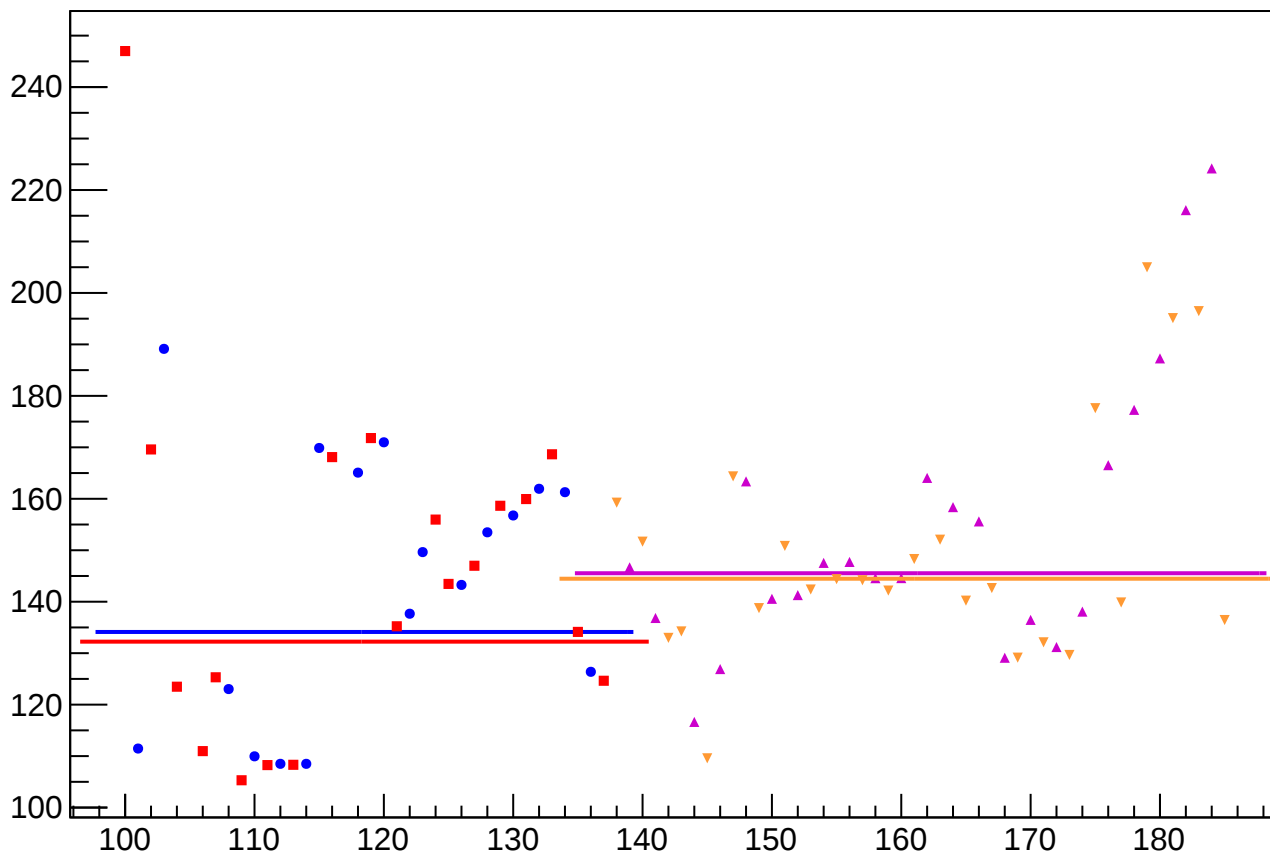
Left In: -50.896 ± 35.280 χ^2/NDF : 23.5/22

+ sign 35.131 ± 28.654 χ^2/NDF : 52.3/41

All: -9.319 ± 20.383 χ^2/NDF : 95.9/83

- sign -54.848 ± 29.000 χ^2/NDF : 38.7/41

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.122 $\pm$ 0.037 χ^2 /NDF: 402473.7/16

Left Out: 144.468 $\pm$ 0.024 χ^2 /NDF:669792.2/24

Right Out: 132.239 $\pm$ 0.036 χ^2 /NDF: 443566.0/18

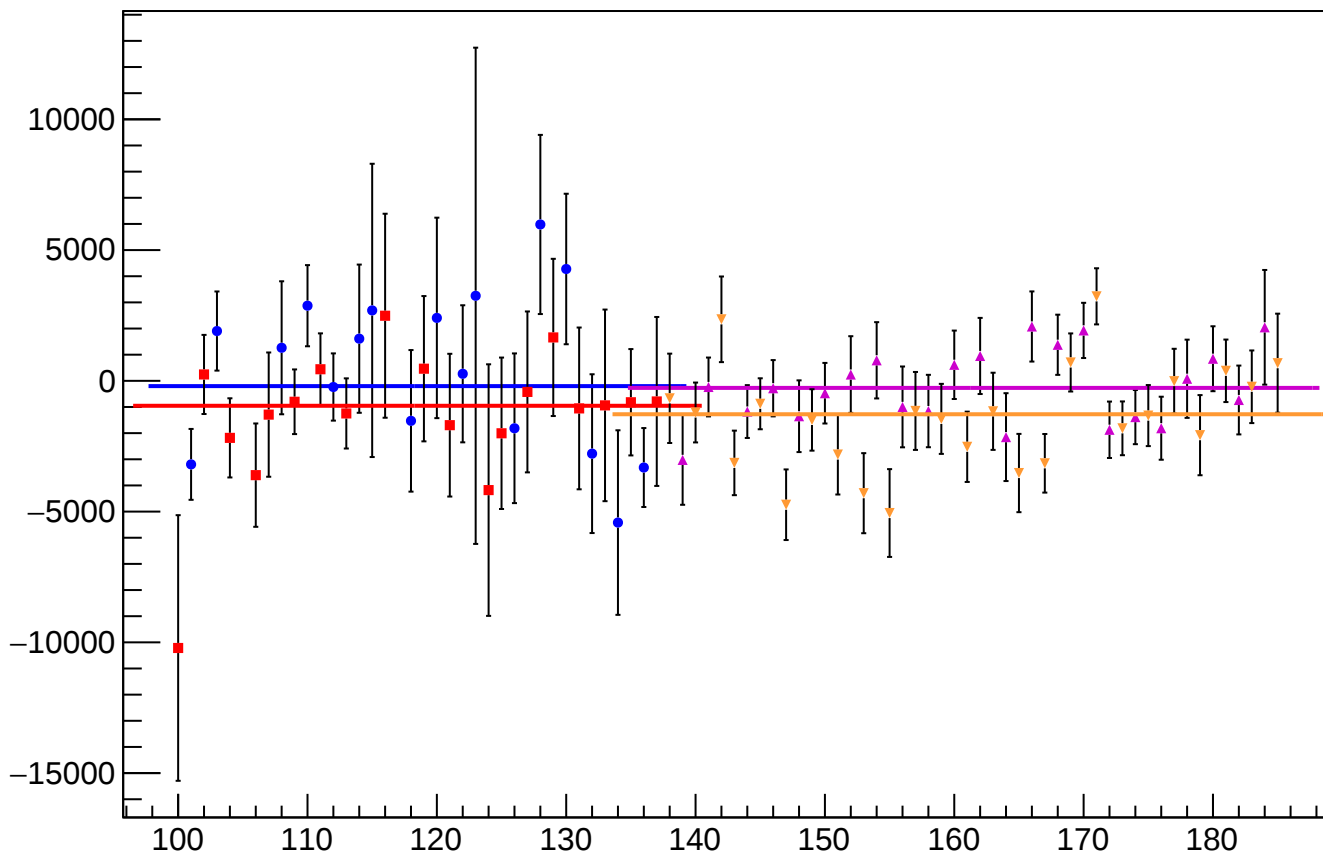
Left In: 145.535 $\pm$ 0.025 χ^2 /NDF:643529.3/22

+ sign 141.446 $\pm$ 0.020 χ^2 /NDF: 1126171.3/41

All: 141.336 $\pm$ 0.014 χ^2 /NDF: 2305448.5/83

- sign 141.223 $\pm$ 0.021 χ^2 /NDF: 1179217.0/41

asym_sam_48_avg_correction_mean vs Slug



Right In: -201.740 ± 524.888 χ^2/NDF : 25.8/16

Left Out: -1277.482 ± 259.325 χ^2/NDF : 56.0/24

Right Out: -953.808 ± 481.576 χ^2/NDF : 10.0/18

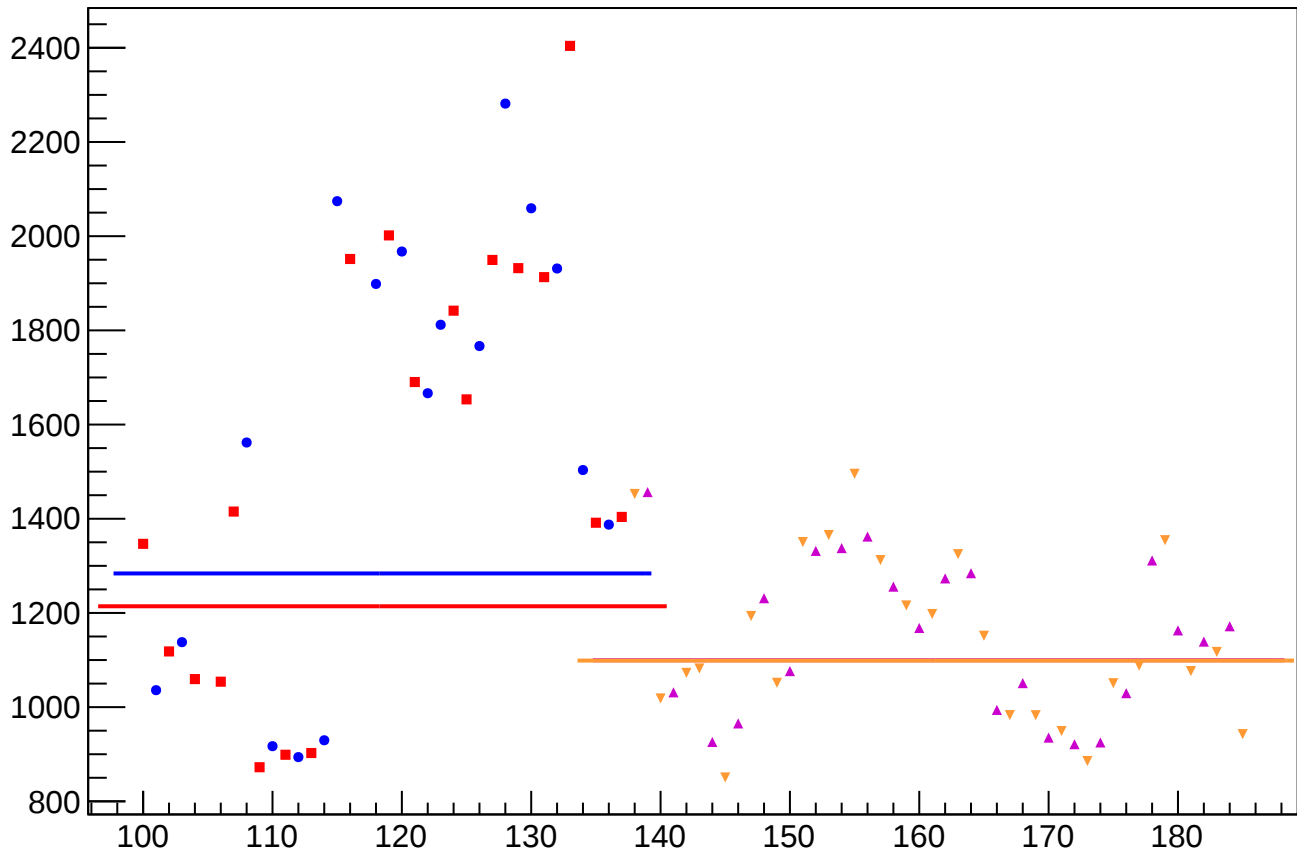
Left In: -269.952 ± 266.245 χ^2/NDF : 24.3/22

+ sign -1066.420 ± 232.497 χ^2/NDF : 85.1/41

All: -748.928 ± 164.580 χ^2/NDF : 124.7/83

- sign -430.044 ± 233.006 χ^2/NDF : 35.8/41

asym_sam_48_avg_correction_rms vs Slug



Right In: 1283.882 $\pm$ 0.371 χ^2 /NDF: 1171665.2/16

Left Out: 1098.879 $\pm$ 0.183 χ^2 /NDF: 824297.7/24

Right Out: 1214.162 $\pm$ 0.341 χ^2 /NDF: 1360853.5/18

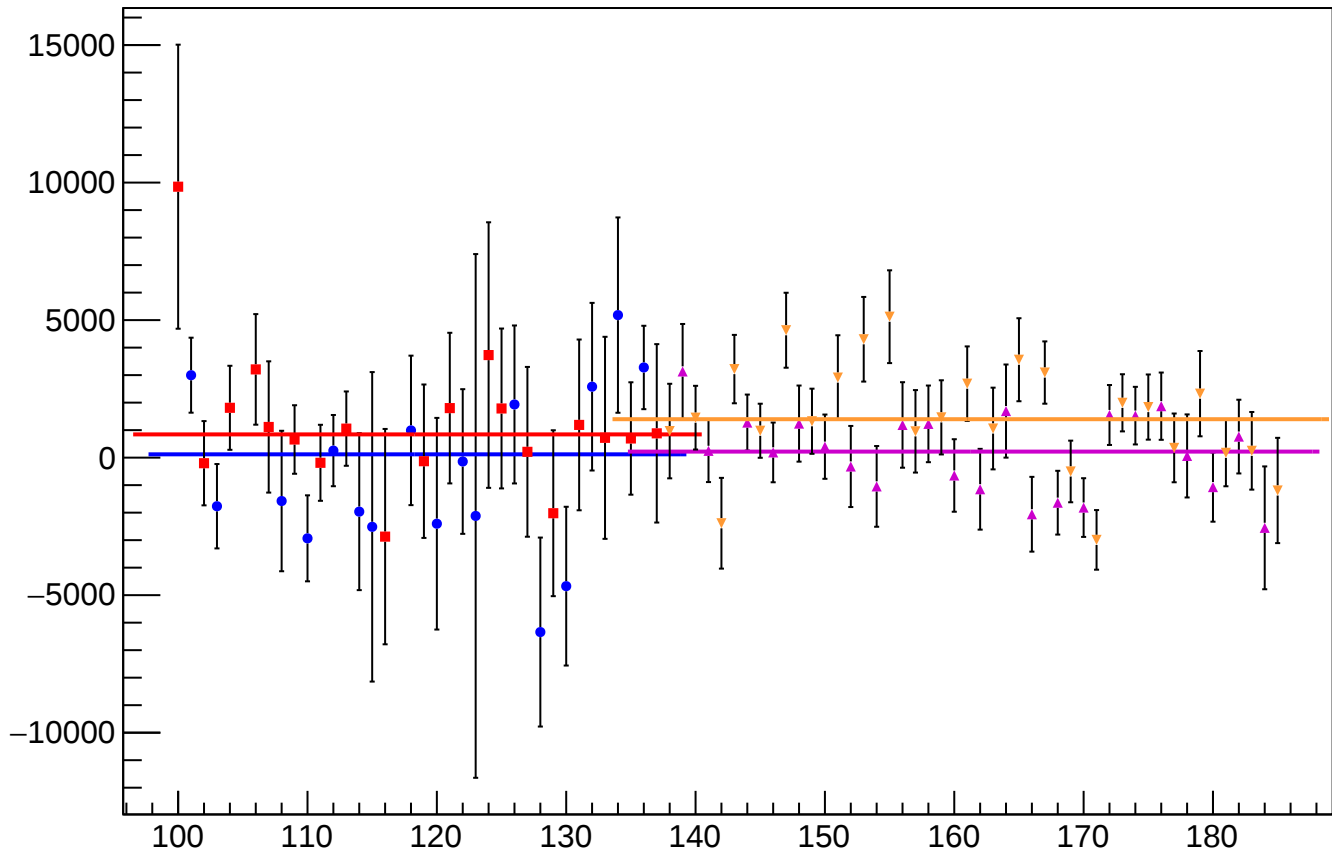
Left In: 1099.585 $\pm$ 0.188 χ^2 /NDF: 679896.1/22

+ sign 1135.177 $\pm$ 0.164 χ^2 /NDF: 2195673.3/41

All: 1130.802 $\pm$ 0.116 χ^2 /NDF: 4324551.6/83

- sign 1126.408 $\pm$ 0.165 χ^2 /NDF: 2127458.7/41

asym_sam_48_avg_mean vs Slug



Right In: 120.212 $\pm$ 528.305 χ^2 /NDF: 25.3/16

Left Out: 1397.450 $\pm$ 261.830 χ^2 /NDF: 52.3/24

Right Out: 845.039 $\pm$ 485.264 χ^2 /NDF: 8.5/18

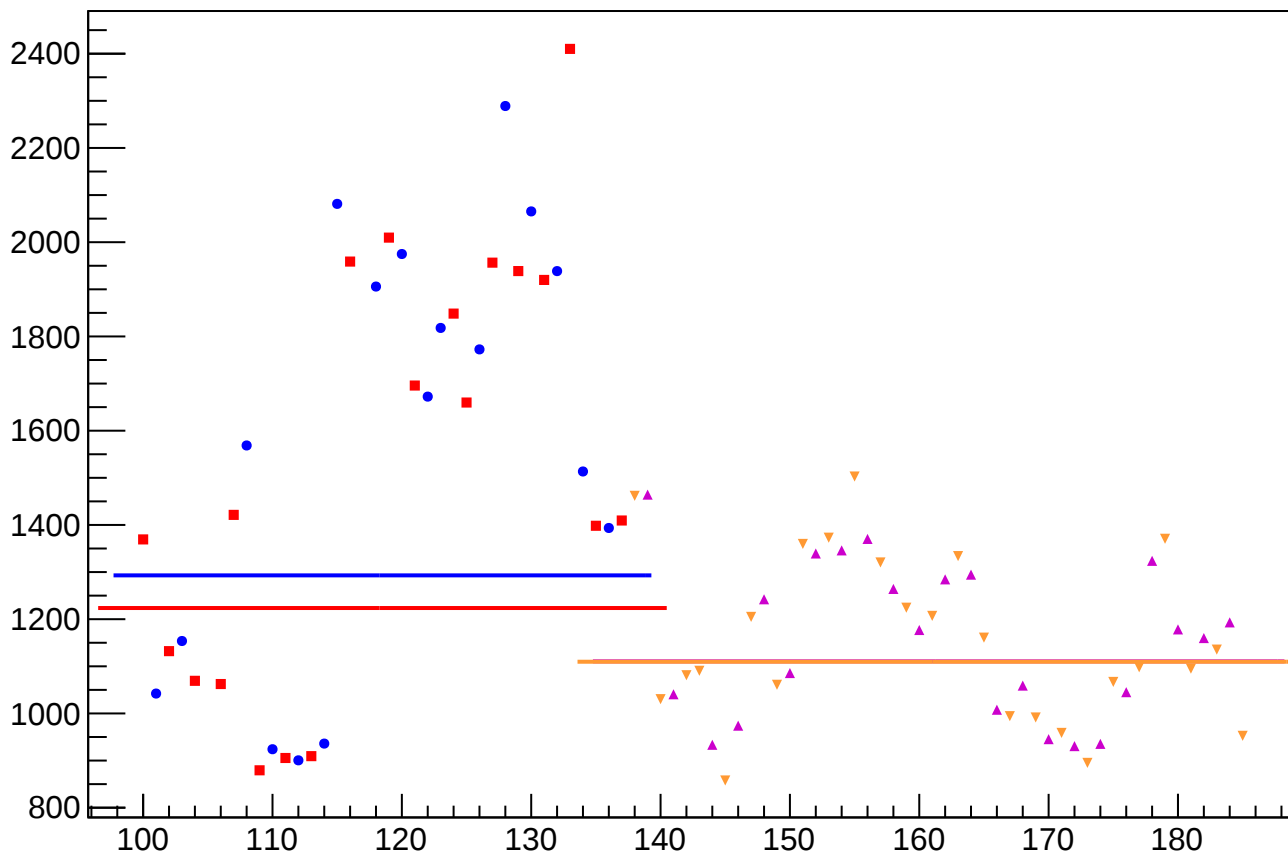
Left In: 219.393 $\pm$ 268.852 χ^2 /NDF: 25.0/22

+ sign 1145.593 $\pm$ 234.599 χ^2 /NDF: 82.3/41

All: 756.912 $\pm$ 166.088 χ^2 /NDF: 122.6/83

- sign 366.333 $\pm$ 235.171 χ^2 /NDF: 34.7/41

asym_sam_48_avg_rms vs Slug



Right In: 1292.993 $\pm$ 0.374 χ^2 /NDF: 1158775.5/16

Left Out: 1109.731 $\pm$ 0.185 χ^2 /NDF: 812132.4/24

Right Out: 1223.713 $\pm$ 0.343 χ^2 /NDF: 1345807.4/18

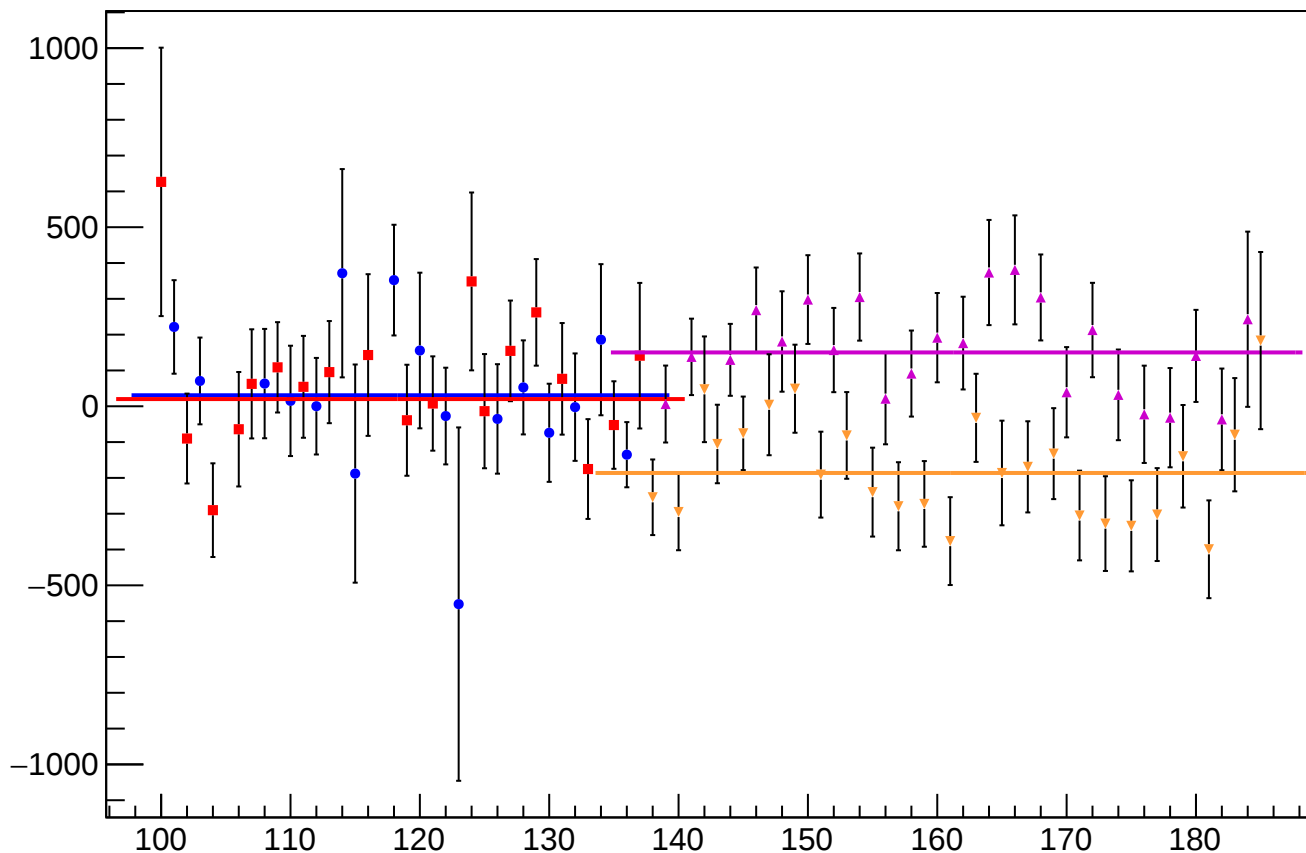
Left In: 1110.542 $\pm$ 0.190 χ^2 /NDF: 669928.9/22

+ sign 1145.868 $\pm$ 0.166 χ^2 /NDF: 2164113.9/41

All: 1141.505 $\pm$ 0.117 χ^2 /NDF: 4264467.8/83

- sign 1137.121 $\pm$ 0.166 χ^2 /NDF: 2098967.1/41

reg_asym_sam_15_dd_mean vs Slug



Right In: 30.740 $\pm$ 36.437 χ^2 /NDF: 15.2/16

Left Out: -186.216 $\pm$ 25.310 χ^2 /NDF: 26.8/24

Right Out: 20.110 $\pm$ 34.774 χ^2 /NDF: 18.8/18

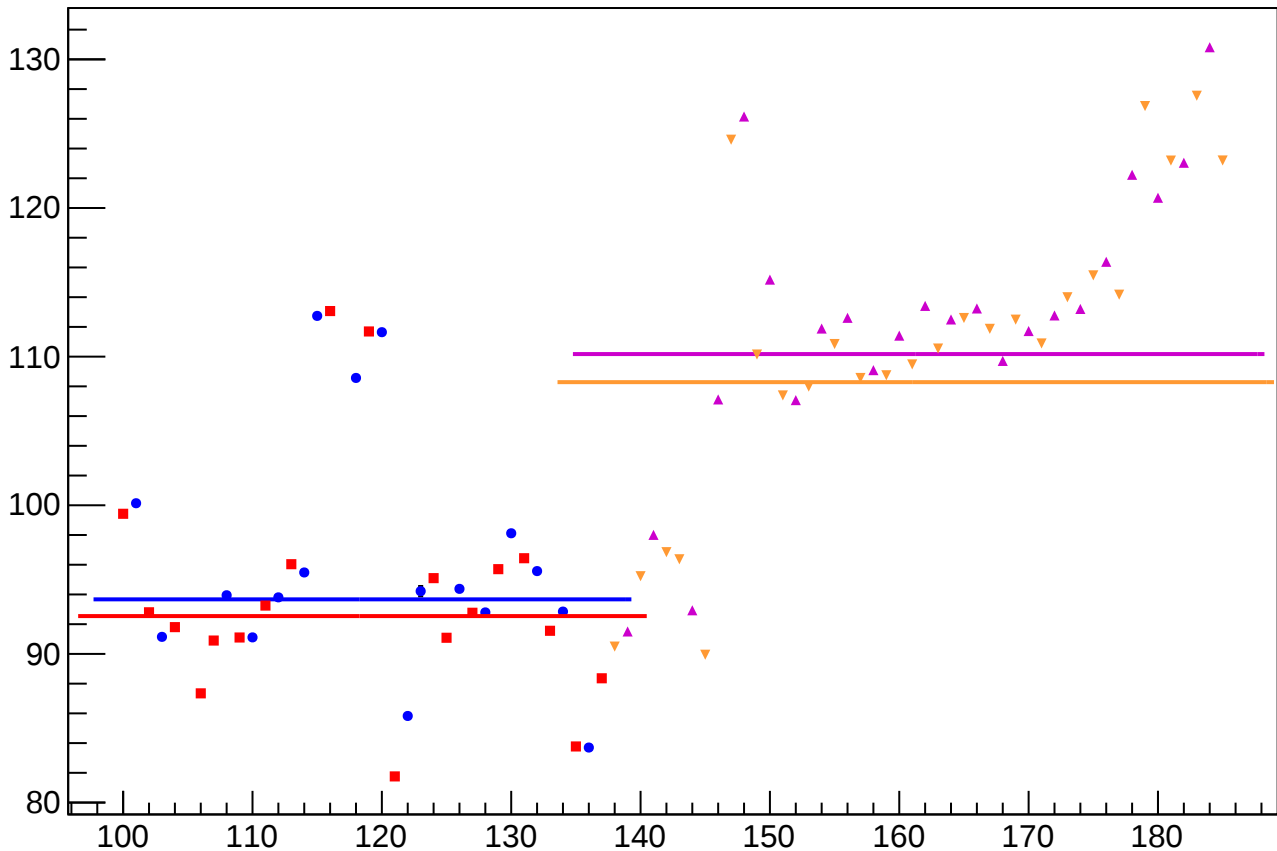
Left In: 150.315 $\pm$ 26.445 χ^2 /NDF: 20.7/22

+ sign -115.603 $\pm$ 20.787 χ^2 /NDF: 65.9/41

All: -7.867 $\pm$ 14.791 χ^2 /NDF: 168.7/83

- sign 102.606 $\pm$ 21.050 χ^2 /NDF: 48.4/41

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.670 $\pm$ 0.026 χ^2 /NDF: 79871.5/16

Left Out: 108.284 $\pm$ 0.018 χ^2 /NDF: 330455.8/24

Right Out: 92.545 $\pm$ 0.025 χ^2 /NDF: 78872.3/18

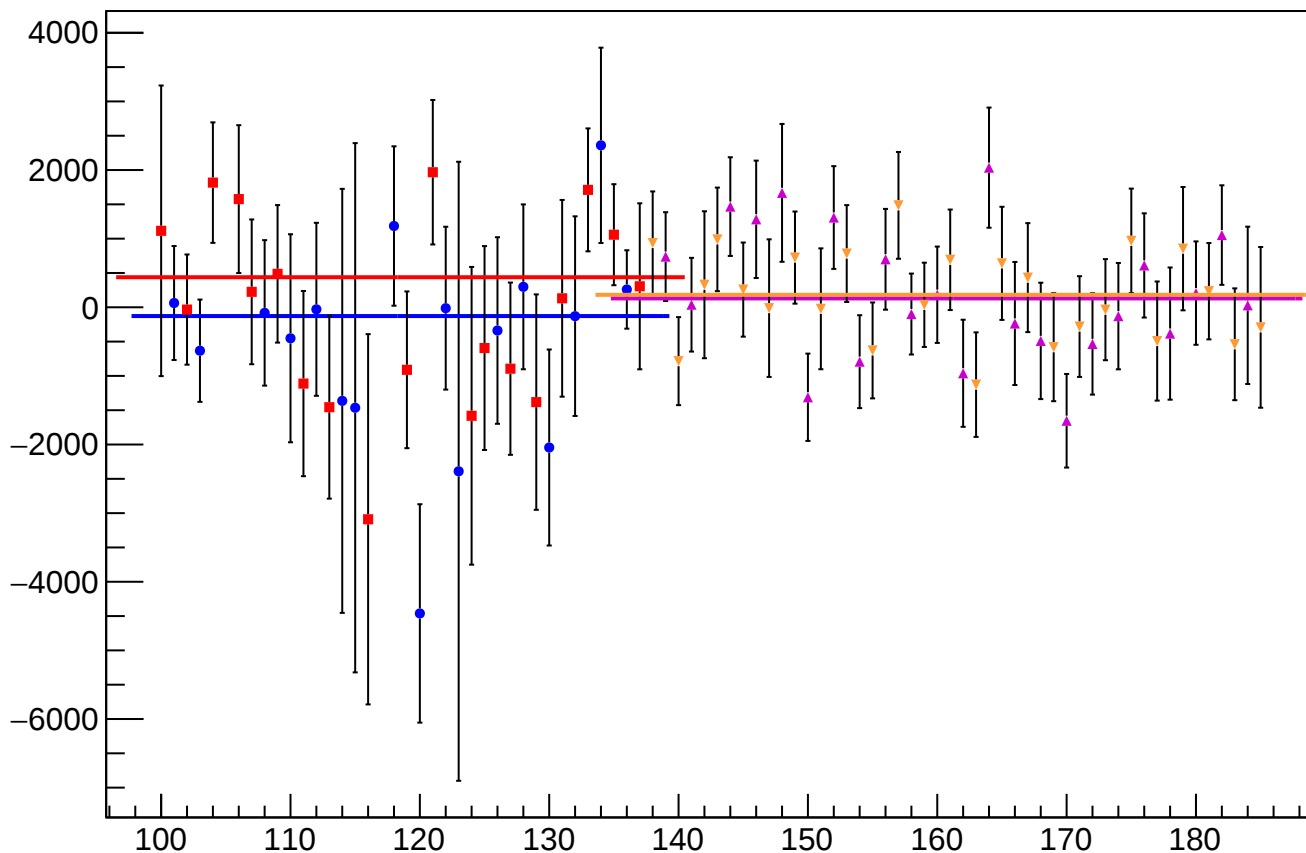
Left In: 110.173 $\pm$ 0.019 χ^2 /NDF: 246967.7/22

+ sign 103.528 $\pm$ 0.015 χ^2 /NDF: 627318.0/41

All: 103.620 $\pm$ 0.010 χ^2 /NDF: 1278880.7/83

- sign 103.714 $\pm$ 0.015 χ^2 /NDF: 651483.4/41

asym_sam_15_dd_correction_mean vs Slug



Right In: -127.998 ± 277.067 χ^2/NDF : 15.3/16

Left Out: 181.782 ± 153.705 χ^2/NDF : 18.6/24

Right Out: 438.094 ± 260.694 χ^2/NDF : 19.2/18

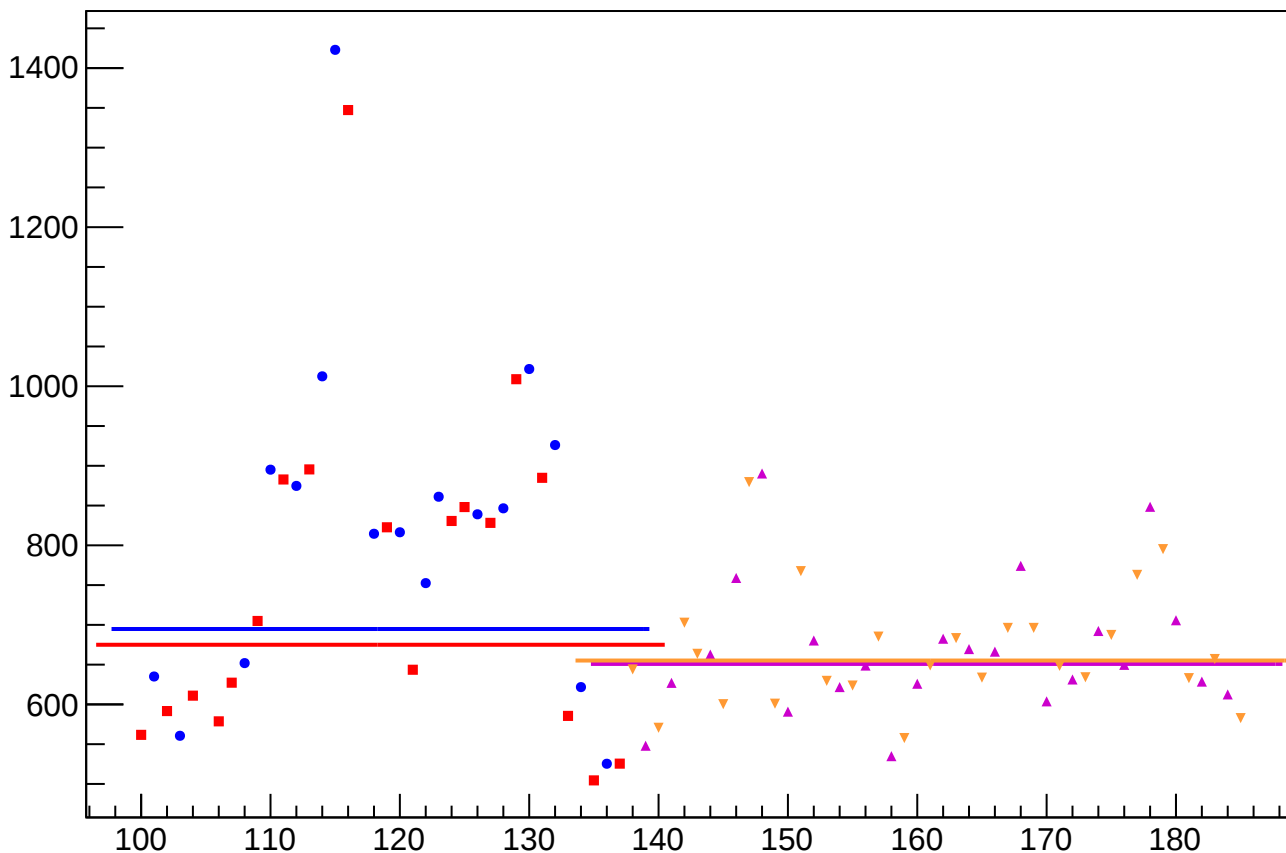
Left In: 128.782 ± 157.155 χ^2/NDF : 36.2/22

+ sign 108.881 ± 134.408 χ^2/NDF : 34.8/41

All: 159.985 ± 95.105 χ^2/NDF : 91.6/83

- sign 211.227 ± 134.591 χ^2/NDF : 56.5/41

asym_sam_15_dd_correction_rms vs Slug



Right In: 694.803 $\pm$ 0.196 χ^2/NDF : 677838.4/16

Left Out: 655.165 $\pm$ 0.109 χ^2/NDF : 367352.9/24

Right Out: 674.986 $\pm$ 0.184 χ^2/NDF : 679698.0/18

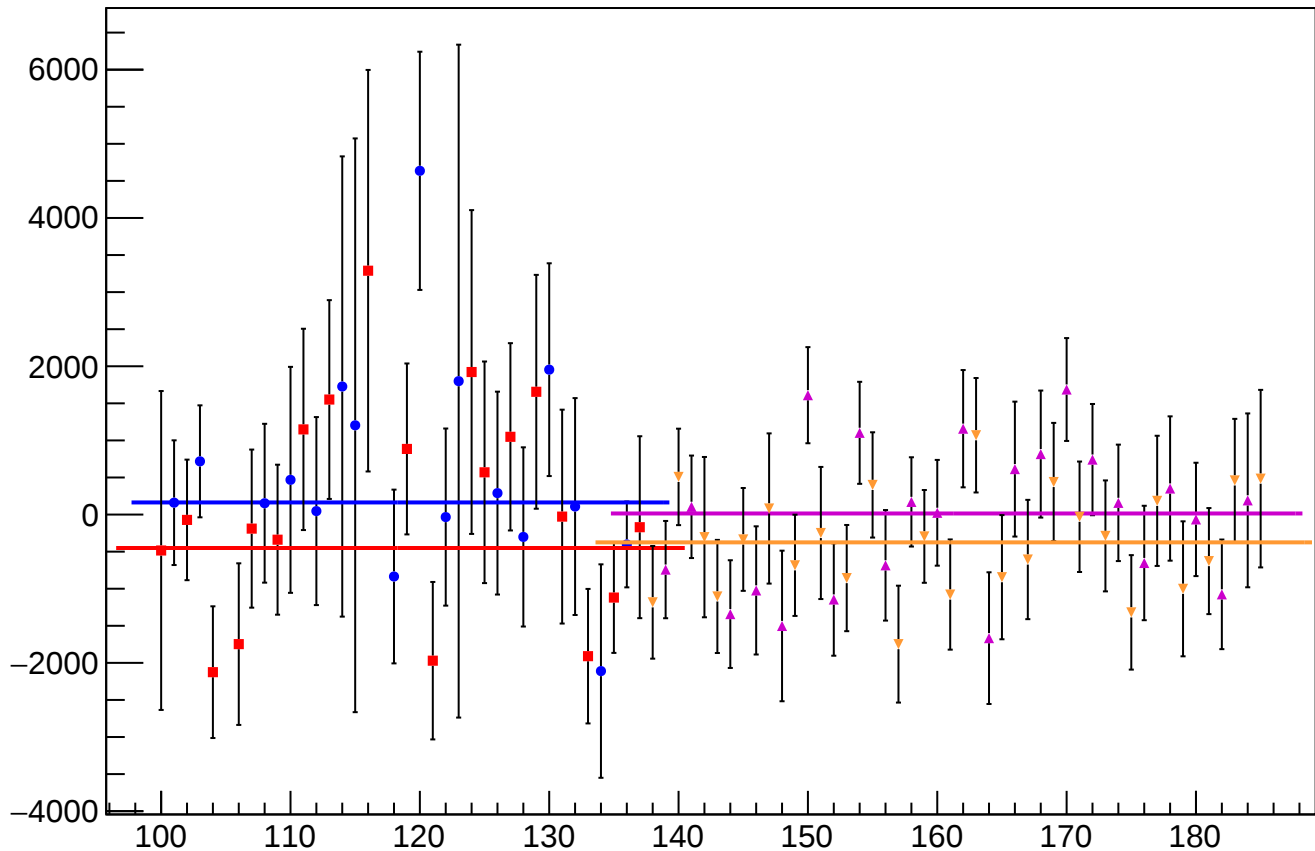
Left In: 650.883 $\pm$ 0.111 χ^2/NDF : 466116.8/22

+ sign 664.493 $\pm$ 0.095 χ^2/NDF : 1076491.2/41

All: 660.905 $\pm$ 0.067 χ^2/NDF : 2237699.6/83

- sign 657.308 $\pm$ 0.095 χ^2/NDF : 1158354.2/41

asym_sam_15_dd_mean vs Slug



Right In: 163.513 ± 279.836 χ^2/NDF : 14.7/16

Left Out: -374.932 ± 155.914 χ^2/NDF : 19.1/24

Right Out: -450.889 ± 263.386 χ^2/NDF : 22.5/18

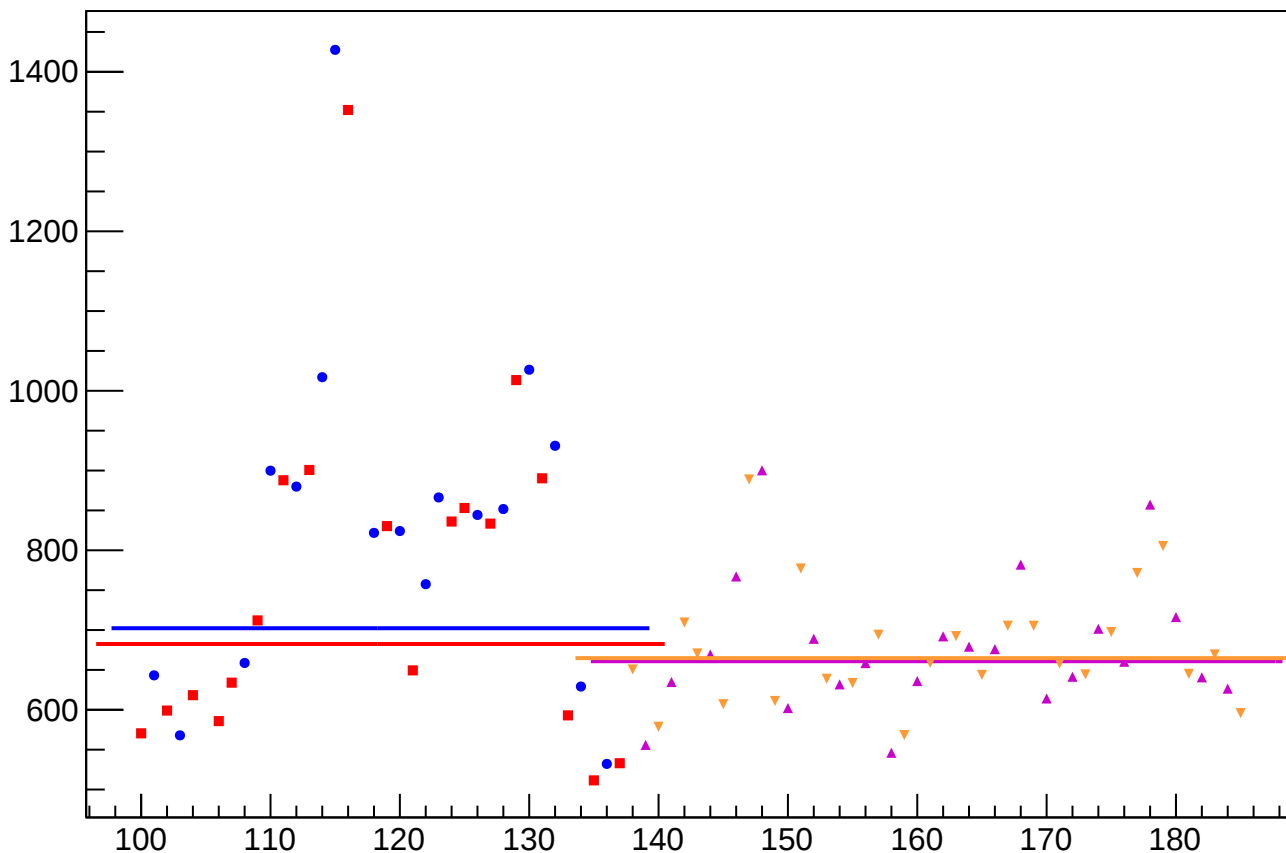
Left In: 14.768 ± 159.513 χ^2/NDF : 37.2/22

+ sign -247.379 ± 136.200 χ^2/NDF : 36.7/41

All: -178.908 ± 96.393 χ^2/NDF : 99.2/83

- sign -110.193 ± 136.442 χ^2/NDF : 62.0/41

asym_sam_15_dd_rms vs Slug



Right In: 702.265 $\pm$ 0.198 χ^2 /NDF: 660691.4/16

Left Out: 664.781 $\pm$ 0.110 χ^2 /NDF:357060.9/24

Right Out: 682.505 $\pm$ 0.186 χ^2 /NDF: 662840.9/18

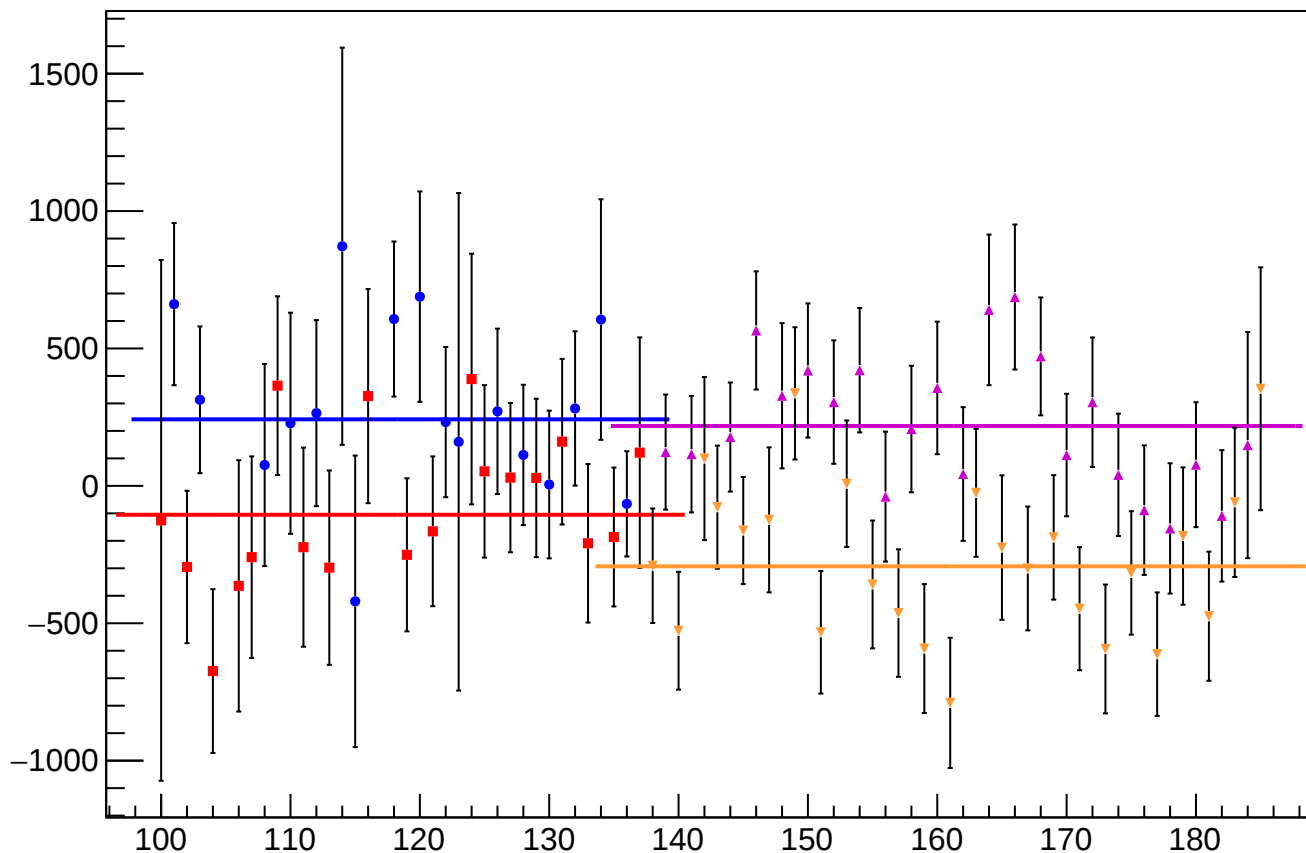
Left In: 660.890 $\pm$ 0.113 χ^2 /NDF:449180.0/22

+ sign 673.661 $\pm$ 0.096 χ^2 /NDF: 1045136.7/41

All: 670.182 $\pm$ 0.068 χ^2 /NDF: 2169627.0/83

- sign 666.691 $\pm$ 0.096 χ^2 /NDF: 1121876.0/41

reg_asym_sam_26_dd_mean vs Slug



Right In: 242.121 ± 76.105 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -292.777 ± 47.207 $\chi^2/\text{NDF}: 30.5/24$

Right Out: -105.190 ± 74.426 $\chi^2/\text{NDF}: 11.8/18$

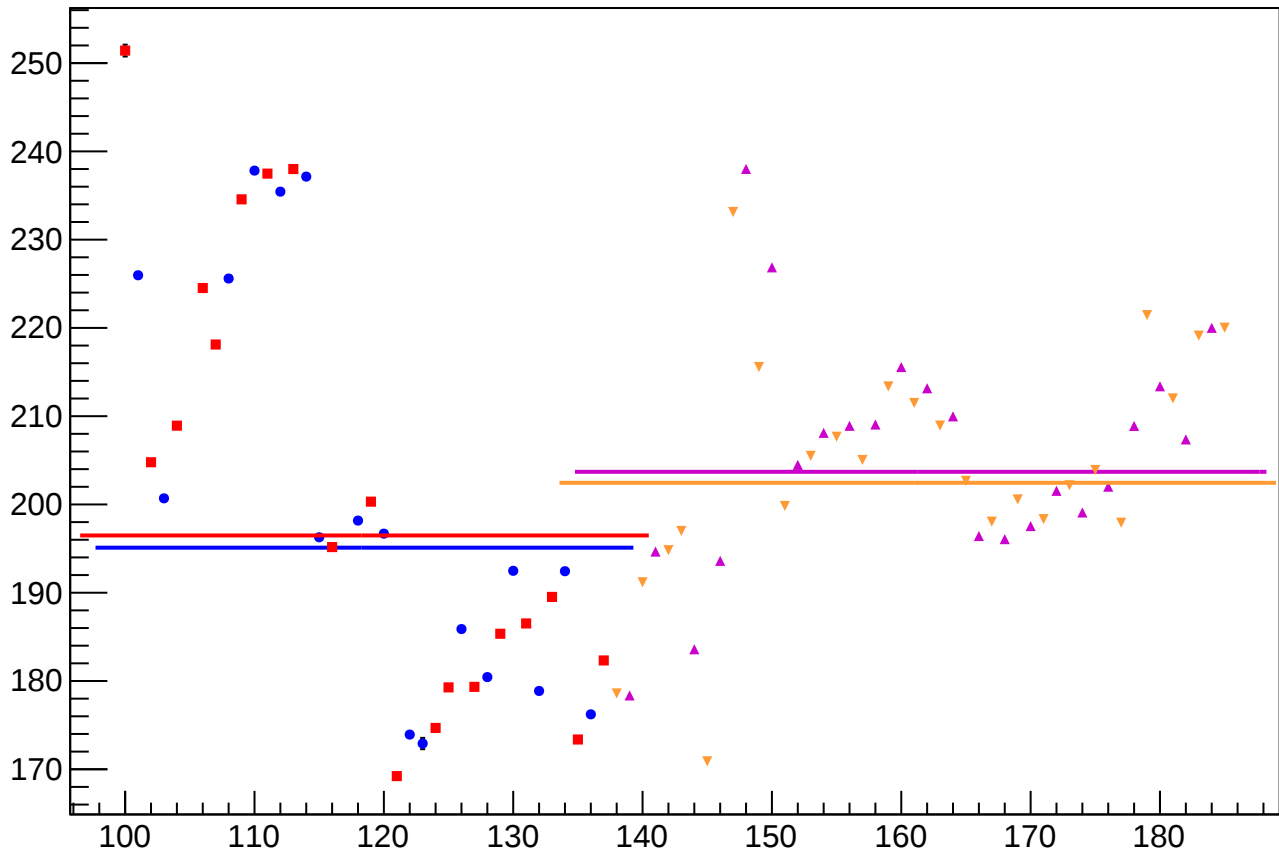
Left In: 217.964 ± 48.819 $\chi^2/\text{NDF}: 21.3/22$

+ sign -144.154 ± 40.117 $\chi^2/\text{NDF}: 78.2/41$

All: -14.006 ± 28.612 $\chi^2/\text{NDF}: 145.9/83$

- sign 120.752 ± 40.821 $\chi^2/\text{NDF}: 46.3/41$

reg_asym_sam_26_dd_rms vs Slug



Right In: 195.104 $\pm$ 0.054 χ^2 /NDF: 142538.2/16

Left Out: 202.454 $\pm$ 0.033 χ^2 /NDF:158484.0/24

Right Out: 196.488 $\pm$ 0.053 χ^2 /NDF: 171375.7/18

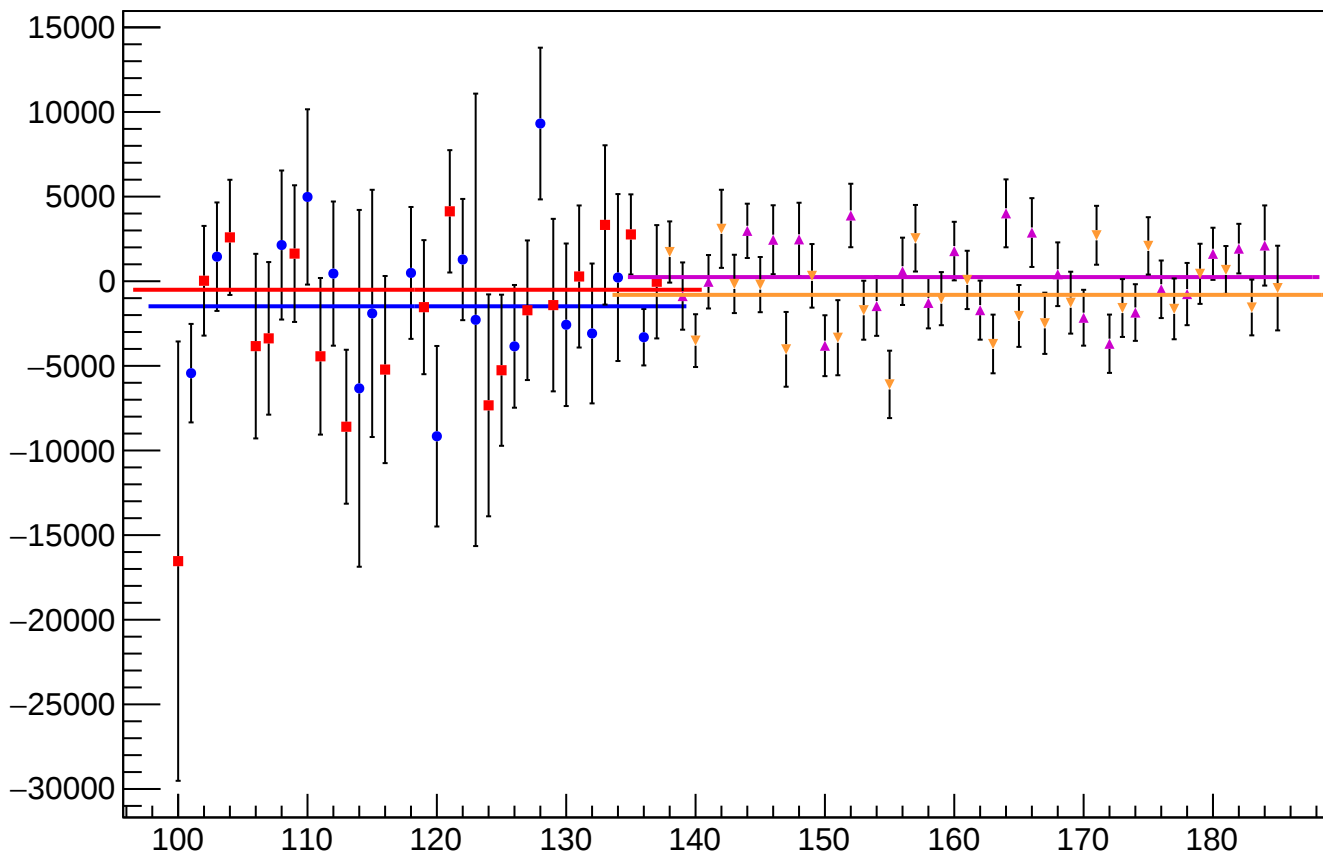
Left In: 203.699 $\pm$ 0.035 χ^2 /NDF:136193.4/22

+ sign 200.412 $\pm$ 0.028 χ^2 /NDF: 314490.5/41

All: 200.961 $\pm$ 0.020 χ^2 /NDF: 635949.8/83

- sign 201.529 $\pm$ 0.029 χ^2 /NDF: 320696.3/41

asym_sam_26_dd_correction_mean vs Slug



Right In: -1480.760 ± 912.560 χ^2/NDF : 16.0/16

Left Out: -804.705 ± 357.905 χ^2/NDF : 35.8/24

Right Out: -503.732 ± 936.543 χ^2/NDF : 14.7/18

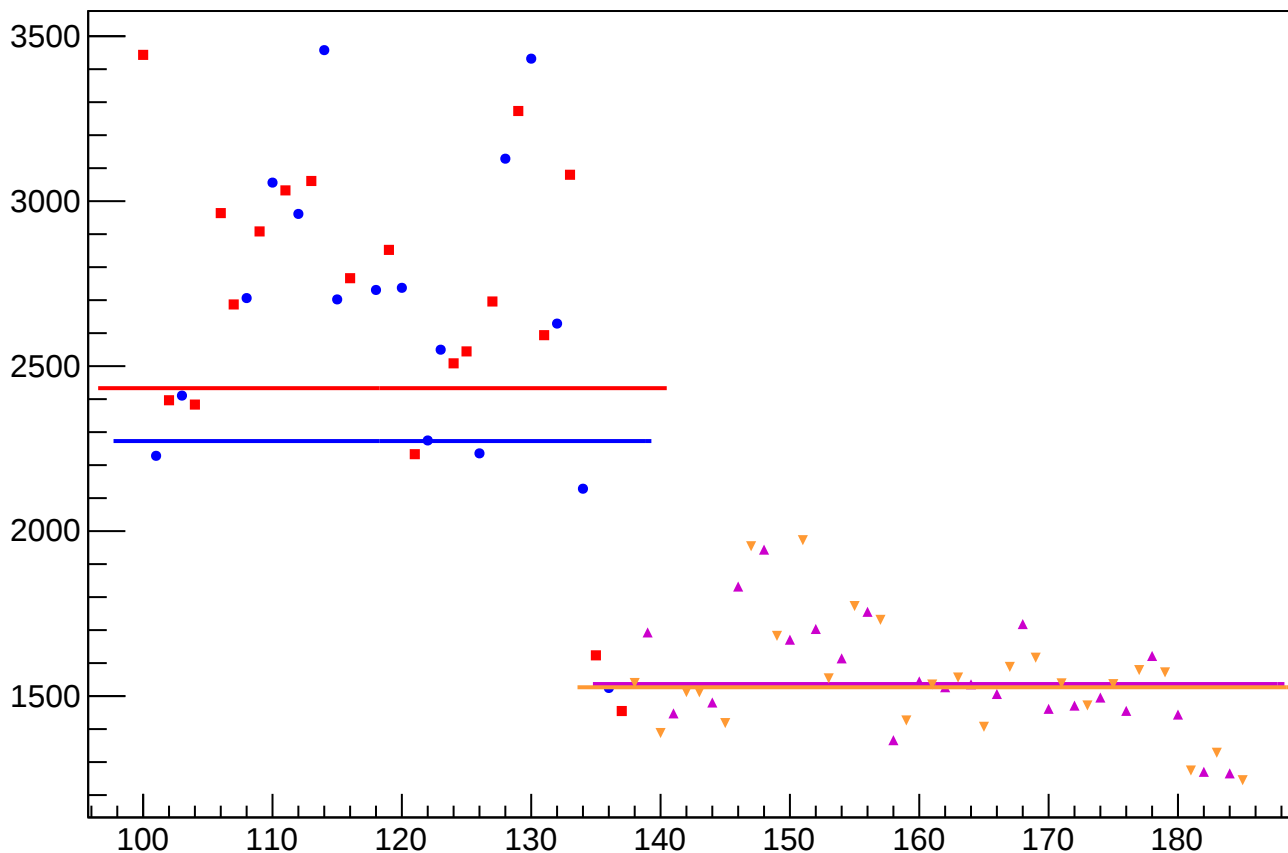
Left In: 245.102 ± 369.846 χ^2/NDF : 35.7/22

+ sign -894.832 ± 333.195 χ^2/NDF : 52.3/41

All: -391.942 ± 239.331 χ^2/NDF : 108.0/83

- sign 144.076 ± 343.994 χ^2/NDF : 51.0/41

asym_sam_26_dd_correction_rms vs Slug



Right In: 2272.950 $\pm$ 0.645 χ^2 /NDF: 806901.4/16

Left Out: 1526.749 $\pm$ 0.253 χ^2 /NDF: 394846.7/24

Right Out: 2433.249 $\pm$ 0.662 χ^2 /NDF: 682781.3/18

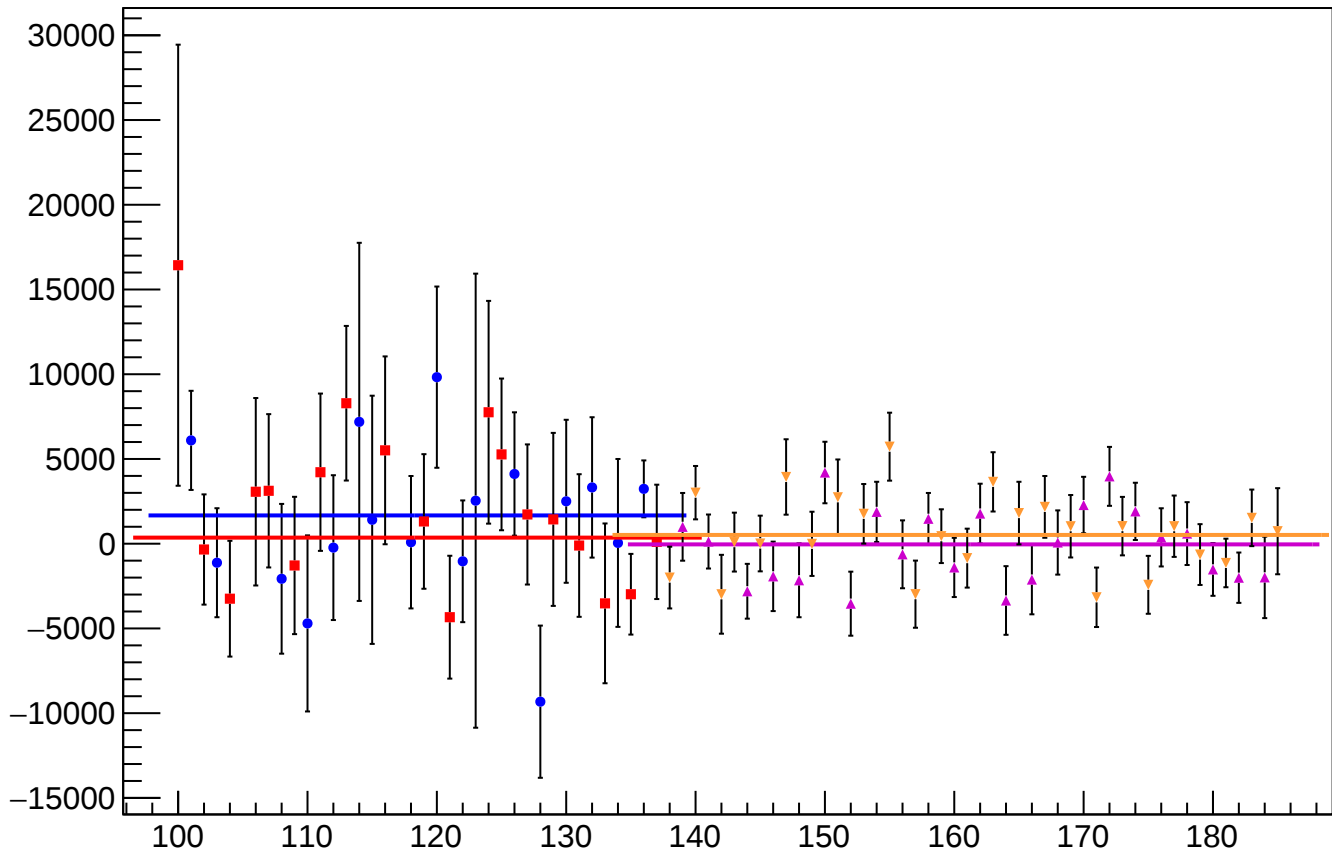
Left In: 1536.538 $\pm$ 0.262 χ^2 /NDF: 350373.3/22

+ sign 1626.228 $\pm$ 0.236 χ^2 /NDF: 2360742.4/41

All: 1641.372 $\pm$ 0.169 χ^2 /NDF: 4988571.3/83

- sign 1657.514 $\pm$ 0.243 χ^2 /NDF: 2619293.2/41

asym_sam_26_dd_mean vs Slug



Right In: 1668.629+/-916.594 χ^2/NDF : 16.4/16

Left Out: 517.316+/-361.226 χ^2/NDF : 35.5/24

Right Out: 358.685+/-940.367 χ^2/NDF : 15.1/18

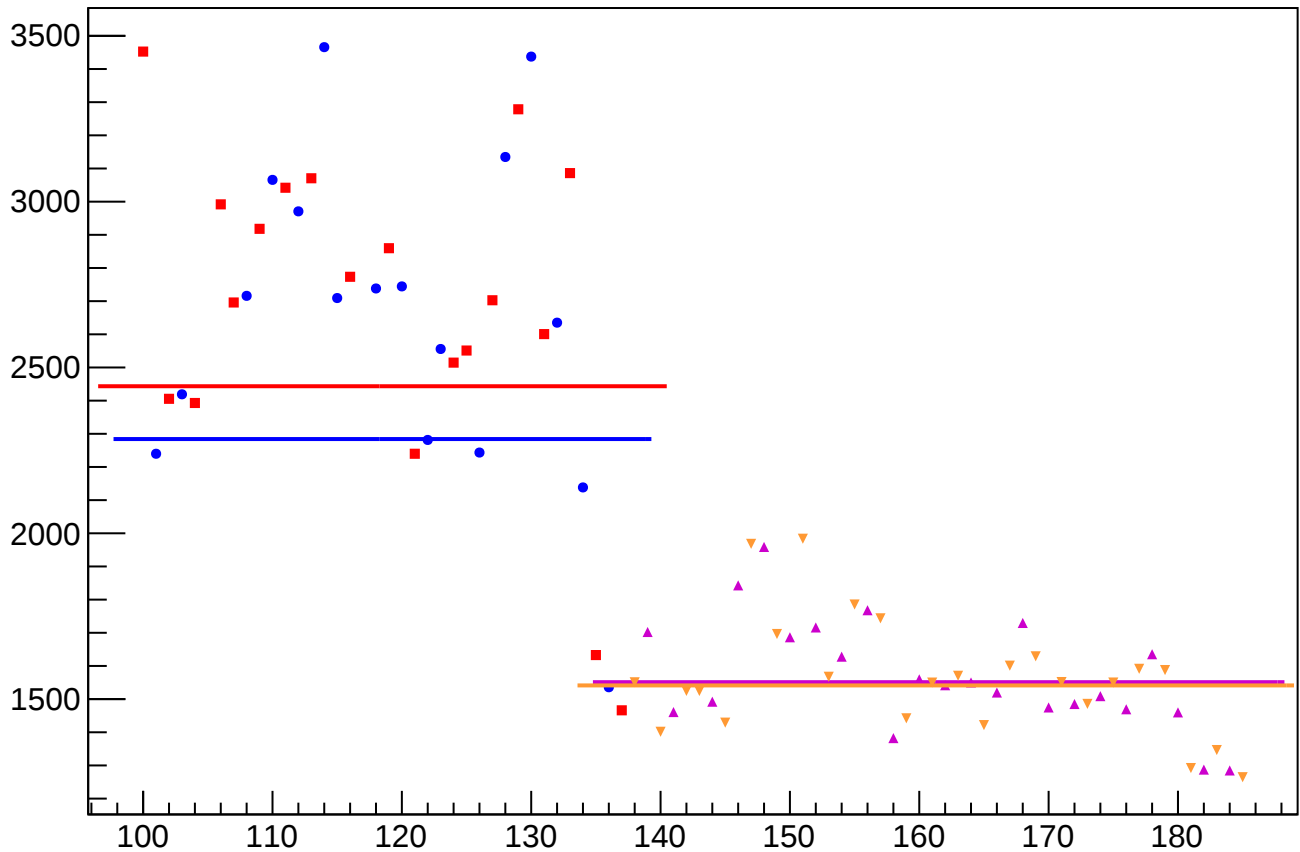
Left In: -40.080+/-373.261 χ^2/NDF : 33.6/22

+ sign 672.090+/-336.070 χ^2/NDF : 53.3/41

All: 353.601+/-241.385 χ^2/NDF : 103.9/83

- sign 14.196+/-346.930 χ^2/NDF : 48.8/41

asym_sam_26_dd_rms vs Slug



Right In: 2284.187 ± 0.648 χ^2/NDF : 795230.1/16

Left Out: 1541.294 ± 0.255 χ^2/NDF : 382004.9/24

Right Out: 2443.443 ± 0.665 χ^2/NDF : 674891.8/18

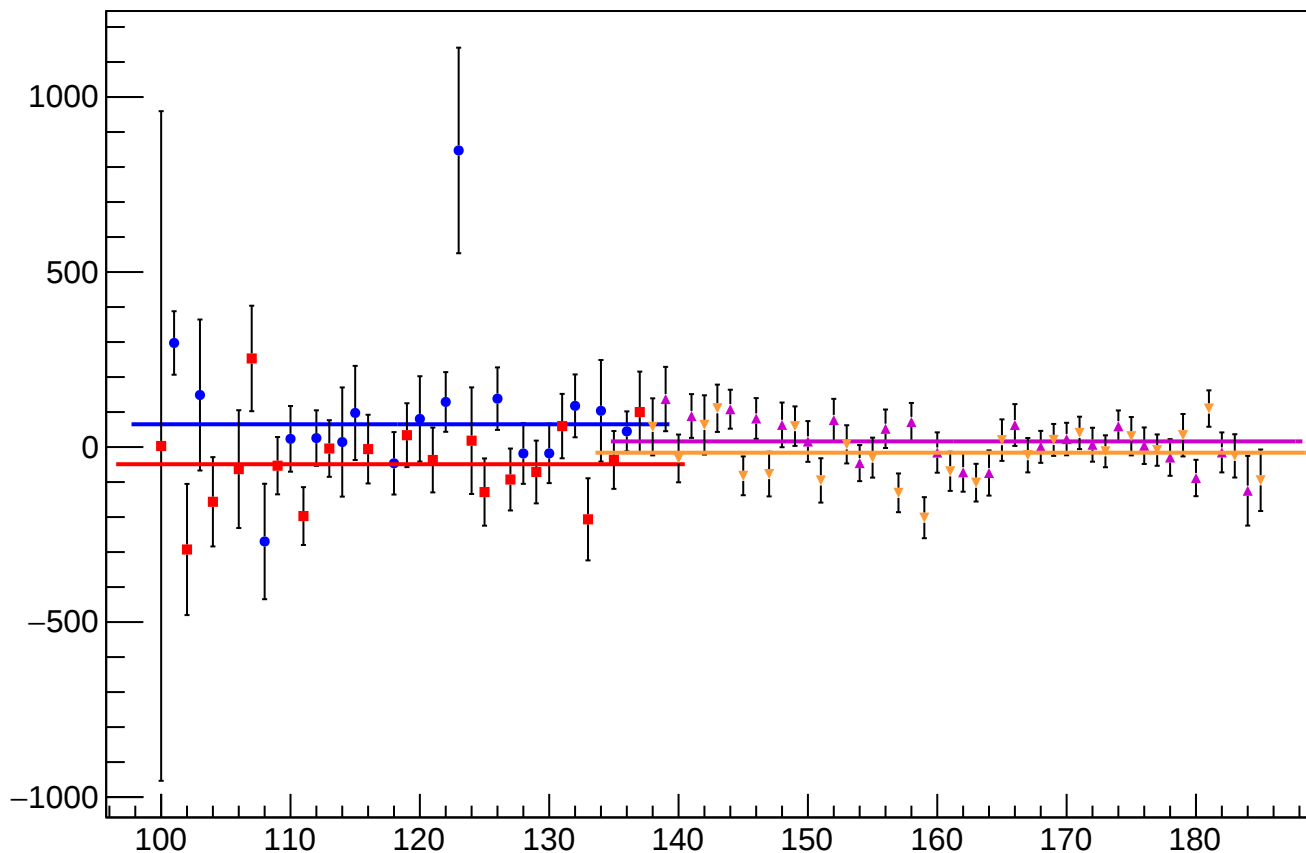
Left In: 1551.063 ± 0.264 χ^2/NDF : 338898.9/22

+ sign 1641.164 ± 0.238 χ^2/NDF : 2314415.8/41

All: 1656.346 ± 0.171 χ^2/NDF : 4892580.2/83

- sign 1672.525 ± 0.245 χ^2/NDF : 2569733.0/41

reg_asym_sam_37_dd_mean vs Slug



Right In: 65.082 ± 23.794 χ^2/NDF : 23.8/16

Left Out: -16.104 ± 11.341 χ^2/NDF : 39.7/24

Right Out: -49.027 ± 23.731 χ^2/NDF : 17.1/18

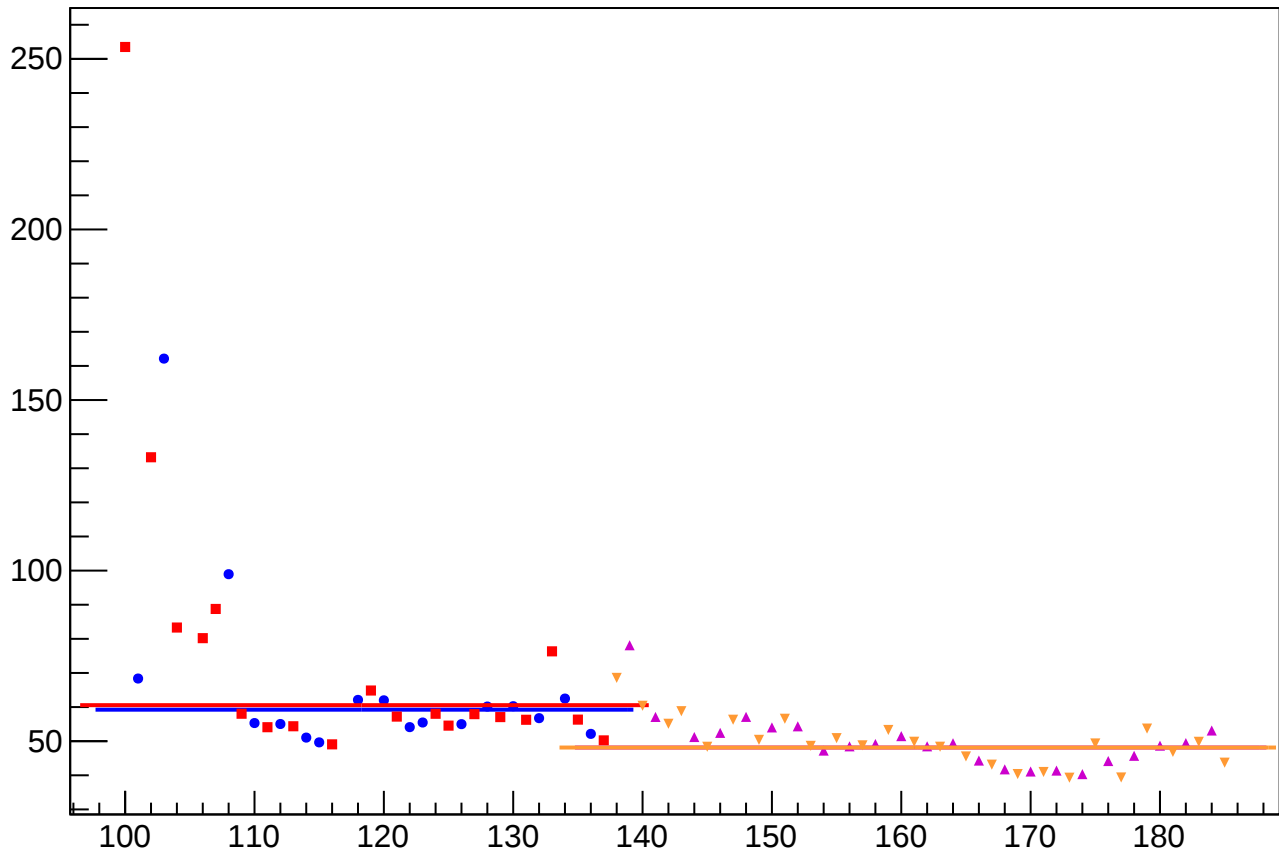
Left In: 16.162 ± 11.649 χ^2/NDF : 25.2/22

+ sign -1.074 ± 10.238 χ^2/NDF : 72.9/41

All: 1.166 ± 7.316 χ^2/NDF : 121.4/83

- sign 3.503 ± 10.457 χ^2/NDF : 48.4/41

reg_asym_sam_37_dd_rms vs Slug



Right In: 59.236 $\pm$ 0.017 χ^2 /NDF: 665304.8/16

Left Out: 48.140 $\pm$ 0.008 χ^2 /NDF: 655204.0/24

Right Out: 60.558 $\pm$ 0.017 χ^2 /NDF: 678218.1/18

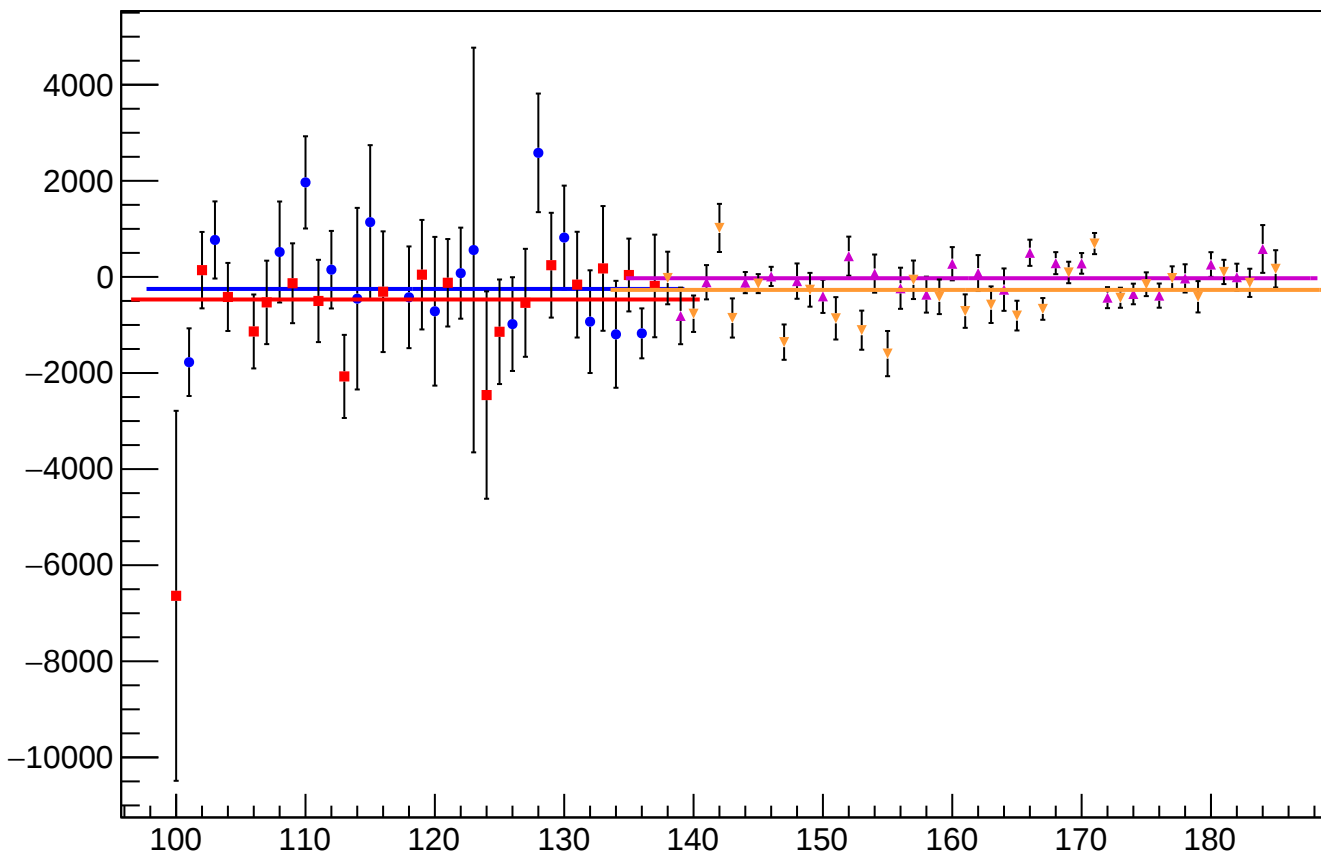
Left In: 48.139 $\pm$ 0.008 χ^2 /NDF: 575025.5/22

+ sign 50.194 $\pm$ 0.007 χ^2 /NDF: 1674934.9/41

All: 50.368 $\pm$ 0.005 χ^2 /NDF: 3370708.4/83

- sign 50.551 $\pm$ 0.007 χ^2 /NDF: 1694584.7/41

asym_sam_37_dd_correction_mean vs Slug



Right In: -250.295 ± 234.463 χ^2/NDF : 24.6/16

Left Out: -270.235 ± 60.184 χ^2/NDF : 70.1/24

Right Out: -469.693 ± 222.800 χ^2/NDF : 10.4/18

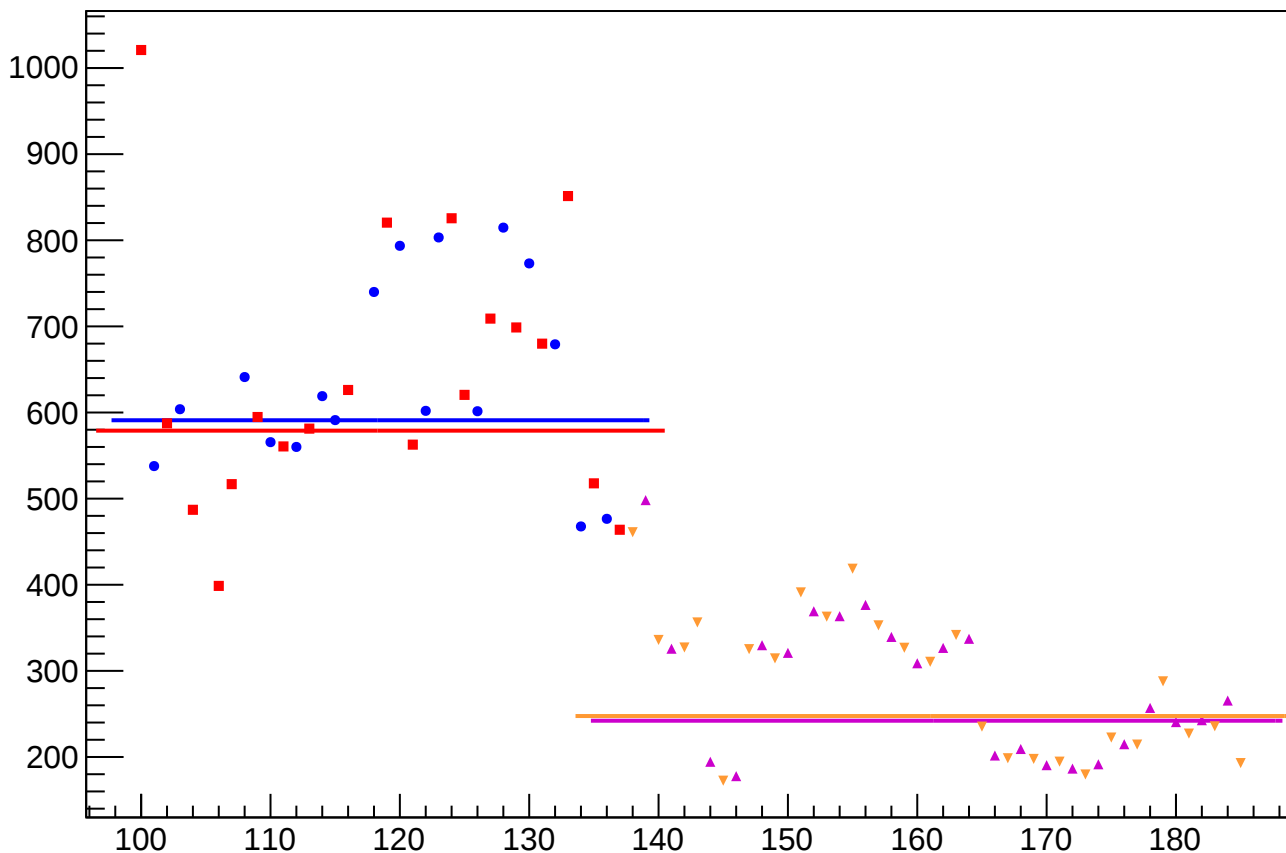
Left In: -27.271 ± 60.430 χ^2/NDF : 25.1/22

+ sign -269.002 ± 58.294 χ^2/NDF : 94.7/41

All: -163.348 ± 41.230 χ^2/NDF : 140.3/83

- sign -57.588 ± 58.323 χ^2/NDF : 39.1/41

asym_sam_37_dd_correction_rms vs Slug



Right In: 591.003 ± 0.166 χ^2/NDF : 358207.6/16

Left Out: 247.563 ± 0.043 χ^2/NDF : 2781044.2/24

Right Out: 578.937 ± 0.158 χ^2/NDF : 496440.2/18

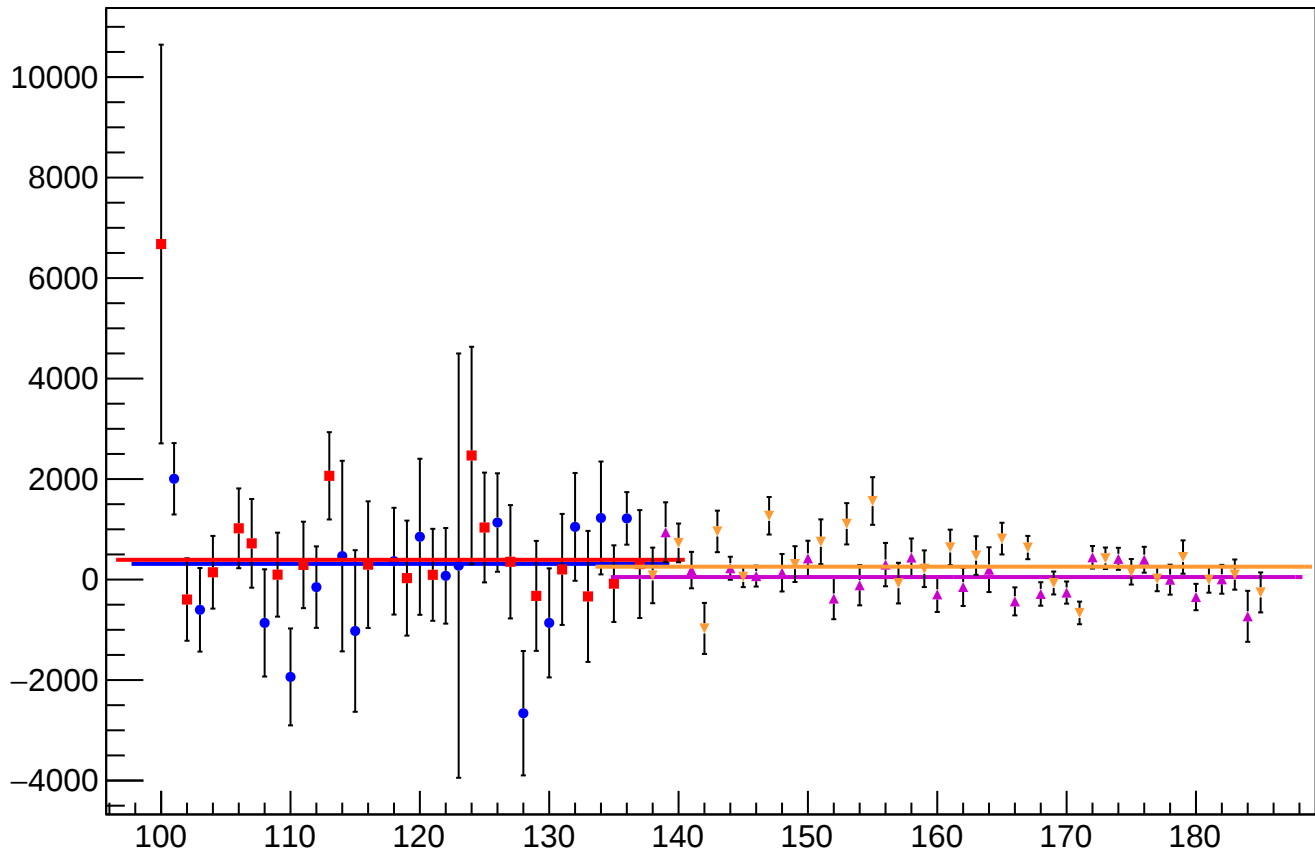
Left In: 242.117 ± 0.043 χ^2/NDF : 2466108.9/22

+ sign 268.793 ± 0.041 χ^2/NDF : 7165228.1/41

All: 266.996 ± 0.029 χ^2/NDF : 14389208.7/83

- sign 265.197 ± 0.041 χ^2/NDF : 7220178.4/41

asym_sam_37_dd_mean vs Slug



Right In: 312.362 ± 236.449 χ^2/NDF : 26.5/16

Left Out: 255.962 ± 61.425 χ^2/NDF : 63.6/24

Right Out: 393.265 ± 225.354 χ^2/NDF : 10.8/18

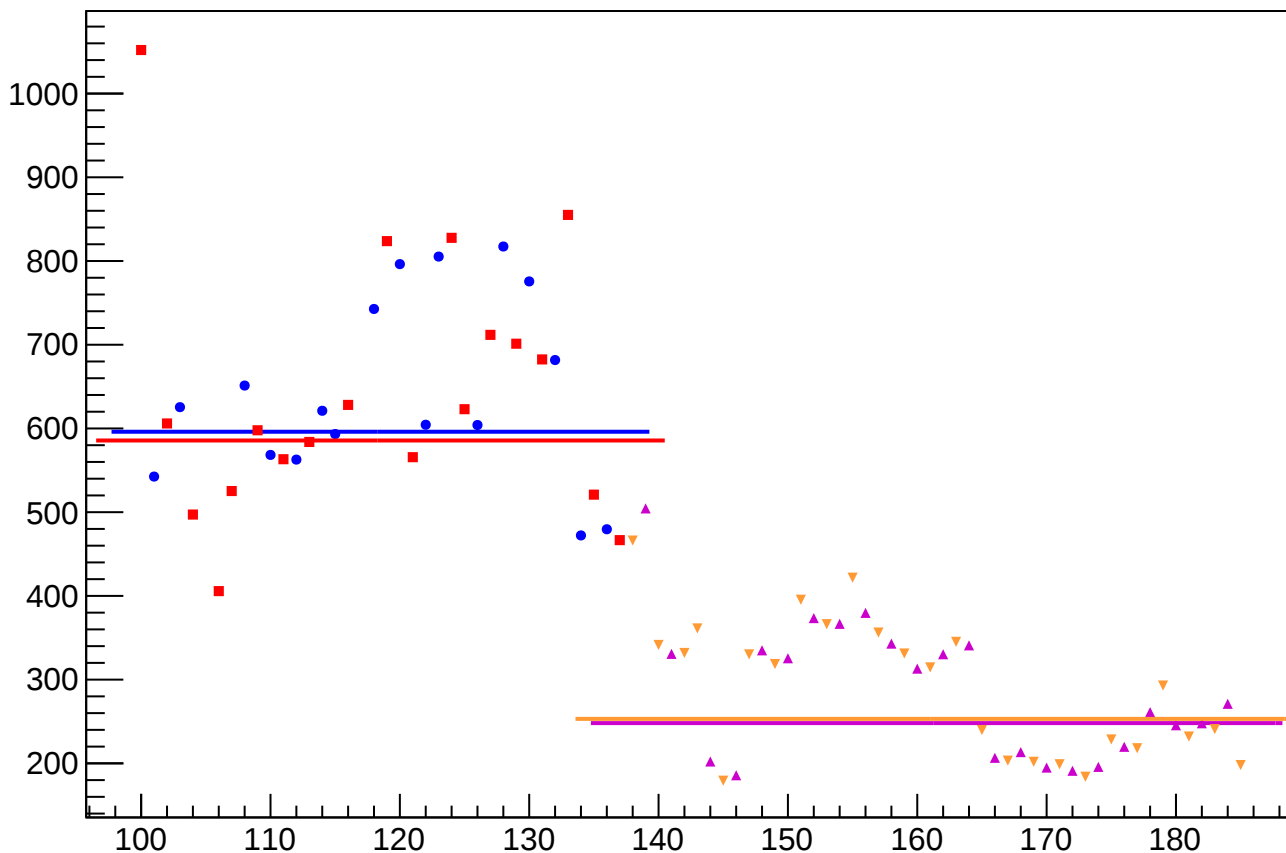
Left In: 49.832 ± 61.781 χ^2/NDF : 27.5/22

+ sign 259.528 ± 59.452 χ^2/NDF : 90.2/41

All: 166.888 ± 42.085 χ^2/NDF : 135.5/83

- sign 73.840 ± 59.583 χ^2/NDF : 40.5/41

asym_sam_37_dd_rms vs Slug



Right In: 596.086 $\pm$ 0.167 χ^2 /NDF: 355935.3/16

Left Out: 253.130 $\pm$ 0.043 χ^2 /NDF: 2666086.2/24

Right Out: 585.628 $\pm$ 0.159 χ^2 /NDF: 476874.8/18

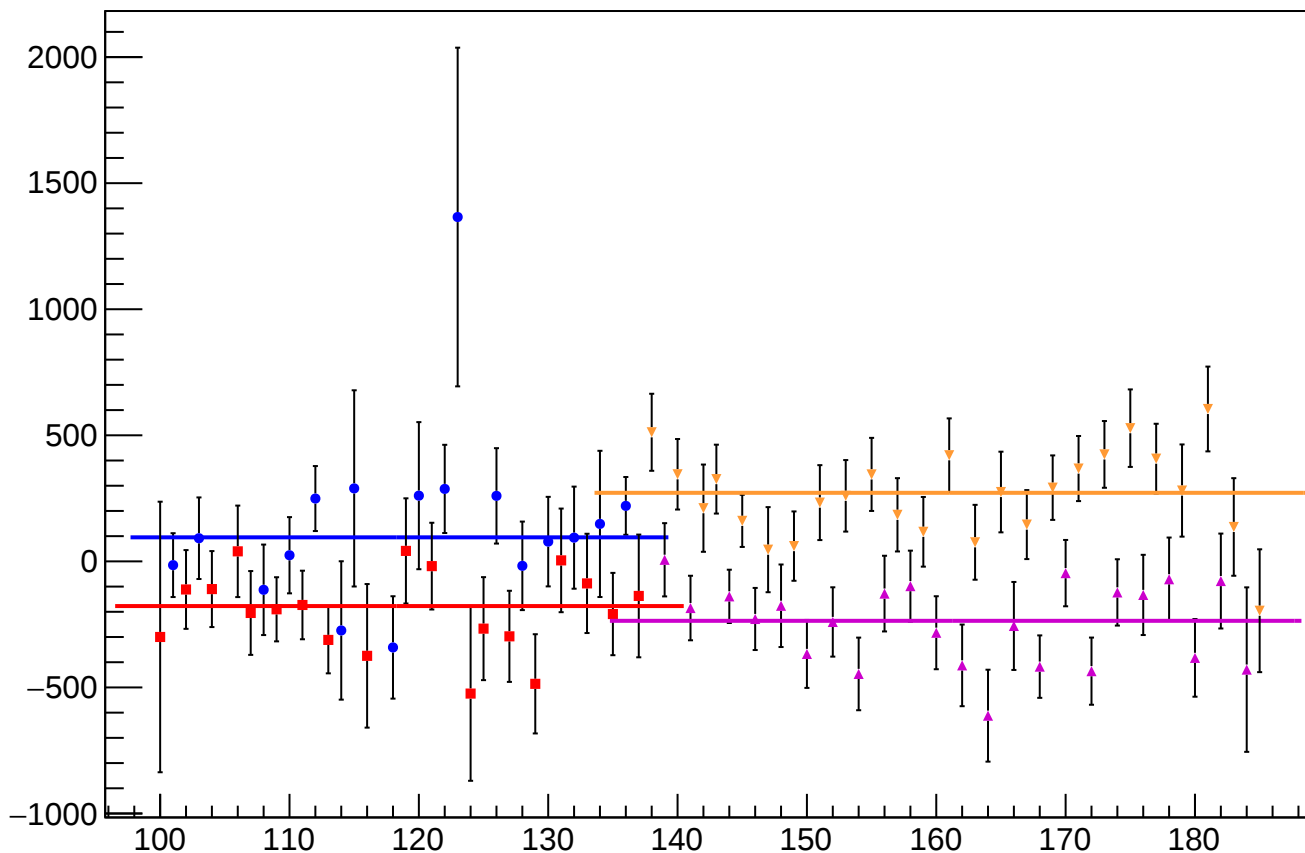
Left In: 248.069 $\pm$ 0.044 χ^2 /NDF: 2343295.0/22

+ sign 274.811 $\pm$ 0.042 χ^2 /NDF: 6963609.3/41

All: 273.242 $\pm$ 0.030 χ^2 /NDF: 13960347.1/83

- sign 271.666 $\pm$ 0.042 χ^2 /NDF: 6993944.9/41

reg_asym_sam_48_dd_mean vs Slug



Right In: 95.316 $\pm$ 43.397 χ^2 /NDF: 17.9/16

Left Out: 271.894 $\pm$ 29.223 χ^2 /NDF: 27.6/24

Right Out: -177.269 $\pm$ 41.181 χ^2 /NDF: 10.5/18

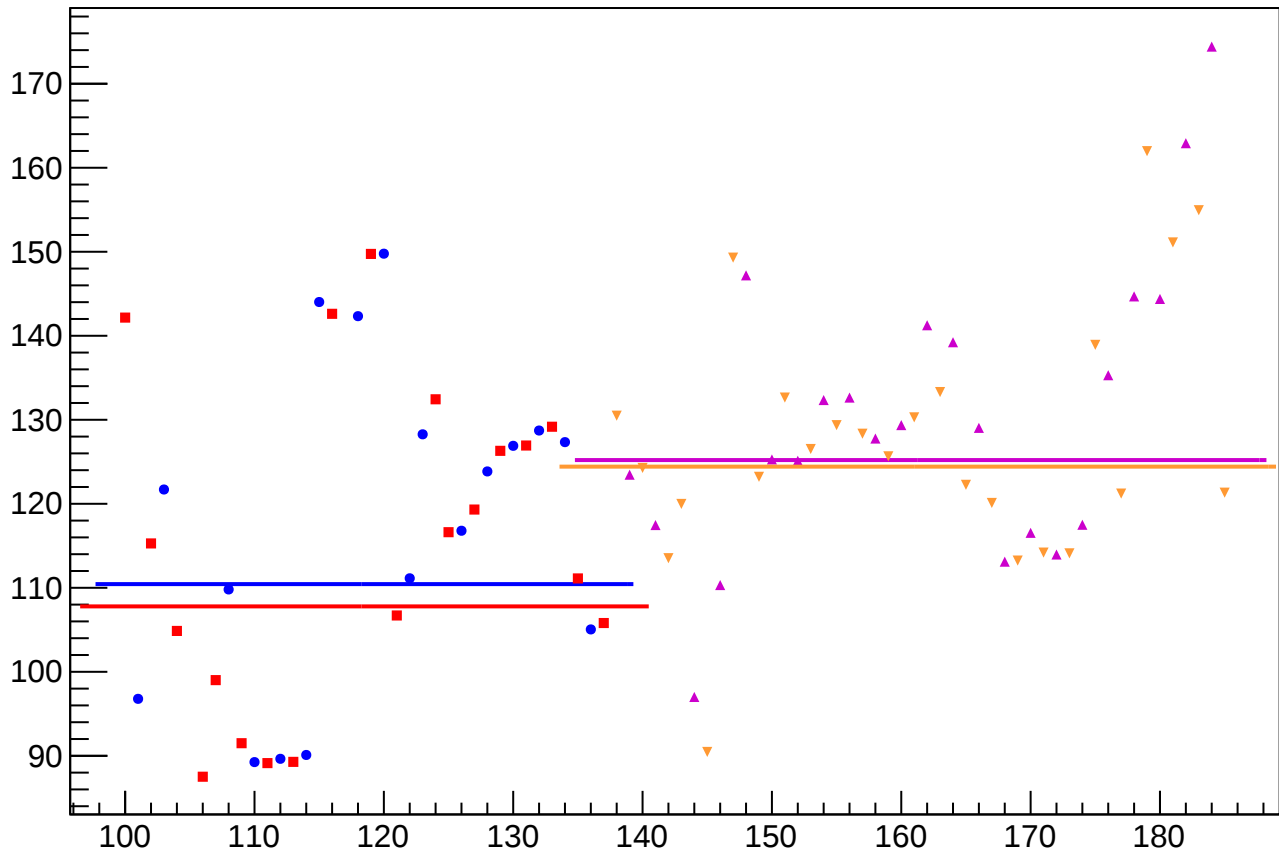
Left In: -235.801 $\pm$ 30.232 χ^2 /NDF: 24.6/22

+ sign 216.803 $\pm$ 24.240 χ^2 /NDF: 57.0/41

All: 1.907 $\pm$ 17.186 χ^2 /NDF: 251.4/83

- sign -215.304 $\pm$ 24.370 χ^2 /NDF: 36.4/41

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.439 ± 0.031 $\chi^2/\text{NDF}: 296029.7/16$

Left Out: 124.423 ± 0.021 $\chi^2/\text{NDF}: 539275.2/24$

Right Out: 107.787 ± 0.029 $\chi^2/\text{NDF}: 346139.4/18$

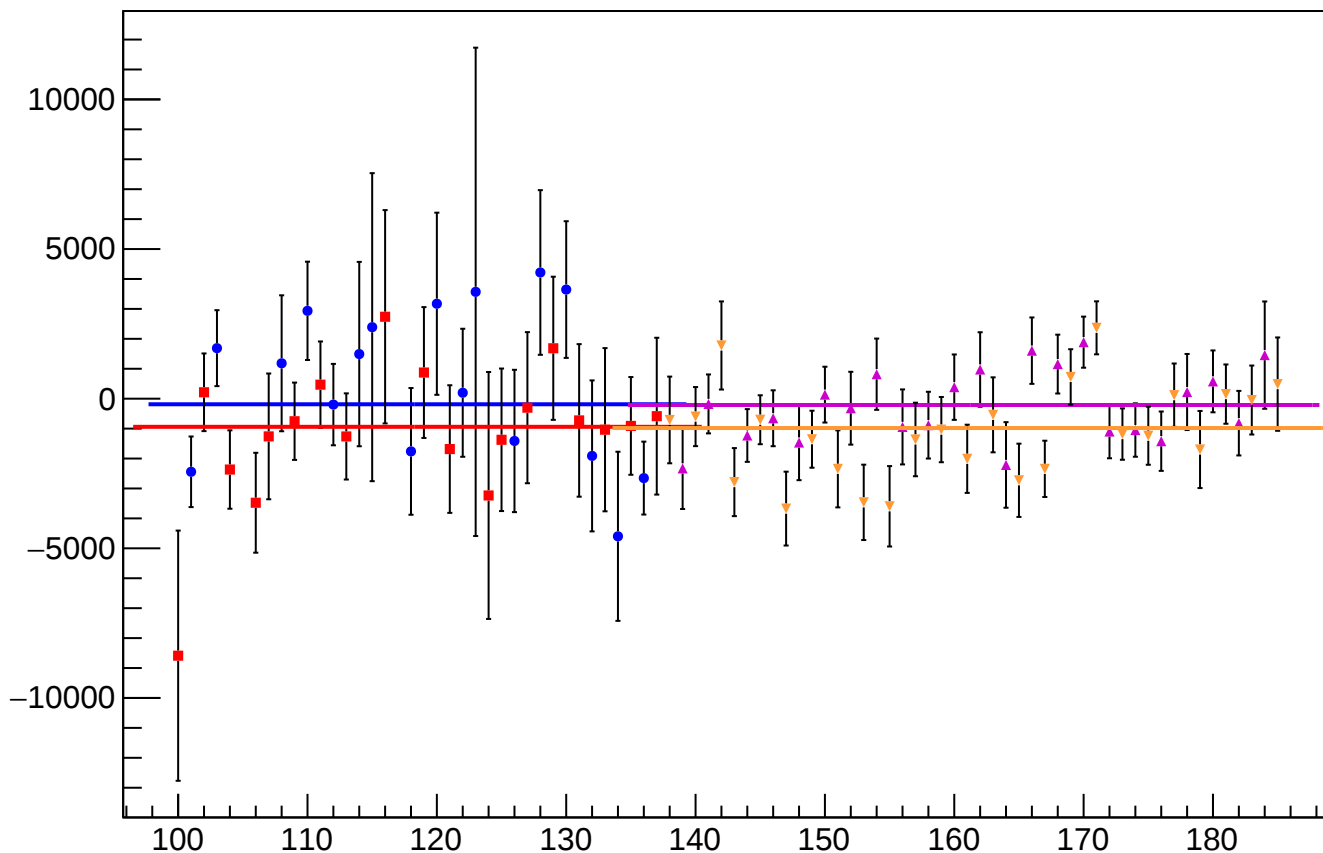
Left In: 125.205 ± 0.021 $\chi^2/\text{NDF}: 501388.2/22$

+ sign 120.060 ± 0.017 $\chi^2/\text{NDF}: 978181.6/41$

All: 119.585 ± 0.012 $\chi^2/\text{NDF}: 2059750.4/83$

- sign 119.105 ± 0.017 $\chi^2/\text{NDF}: 1080025.0/41$

asym_sam_48_dd_correction_mean vs Slug



Right In: -186.780 ± 465.749 χ^2/NDF : 25.0/16

Left Out: -980.732 ± 218.045 χ^2/NDF : 47.3/24

Right Out: -939.774 ± 435.810 χ^2/NDF : 12.2/18

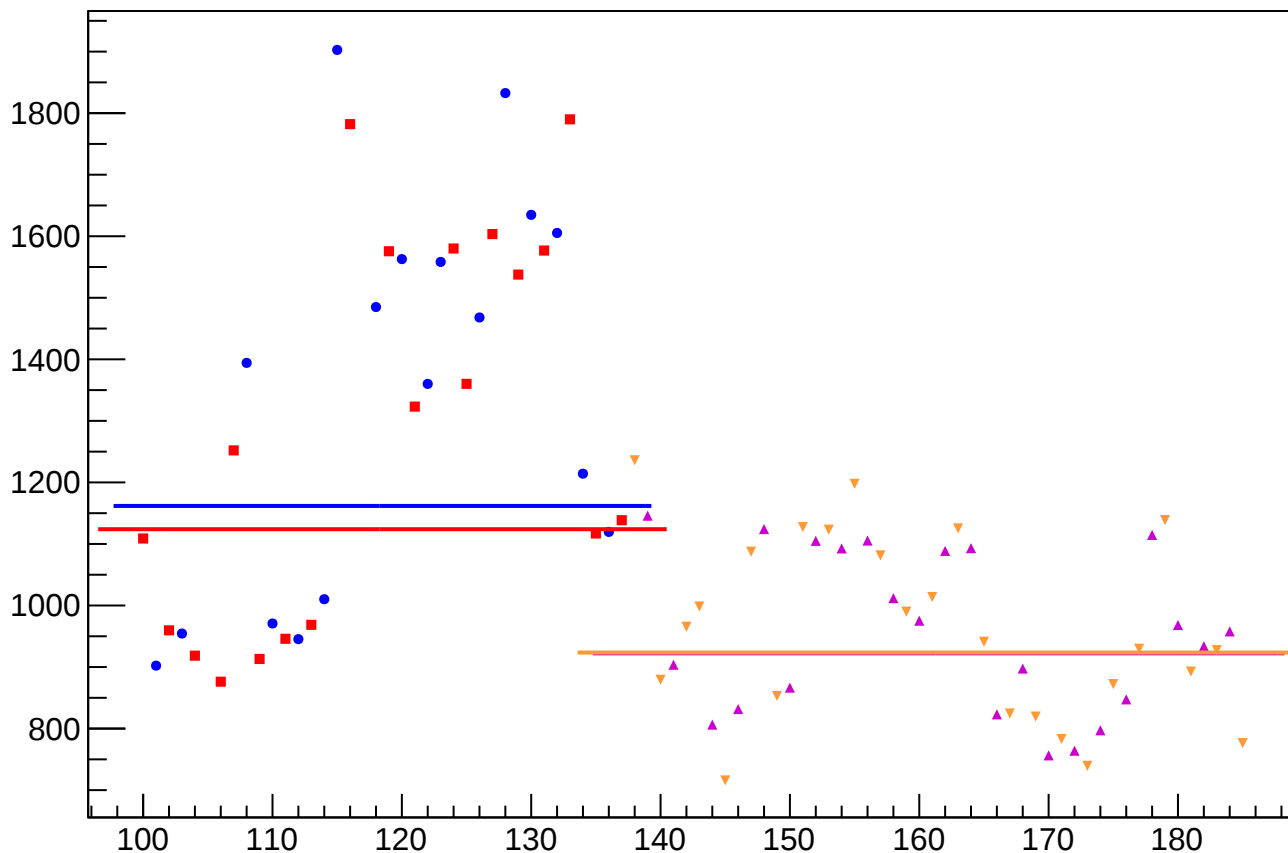
Left In: -211.420 ± 223.296 χ^2/NDF : 25.7/22

+ sign -838.001 ± 197.476 χ^2/NDF : 74.7/41

All: -601.939 ± 140.078 χ^2/NDF : 117.6/83

- sign -362.871 ± 198.729 χ^2/NDF : 40.1/41

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.775 $\pm$ 0.329 χ^2 /NDF: 701230.3/16

Left Out: 923.571 $\pm$ 0.154 χ^2 /NDF: 842753.4/24

Right Out: 1123.975 $\pm$ 0.308 χ^2 /NDF: 769570.1/18

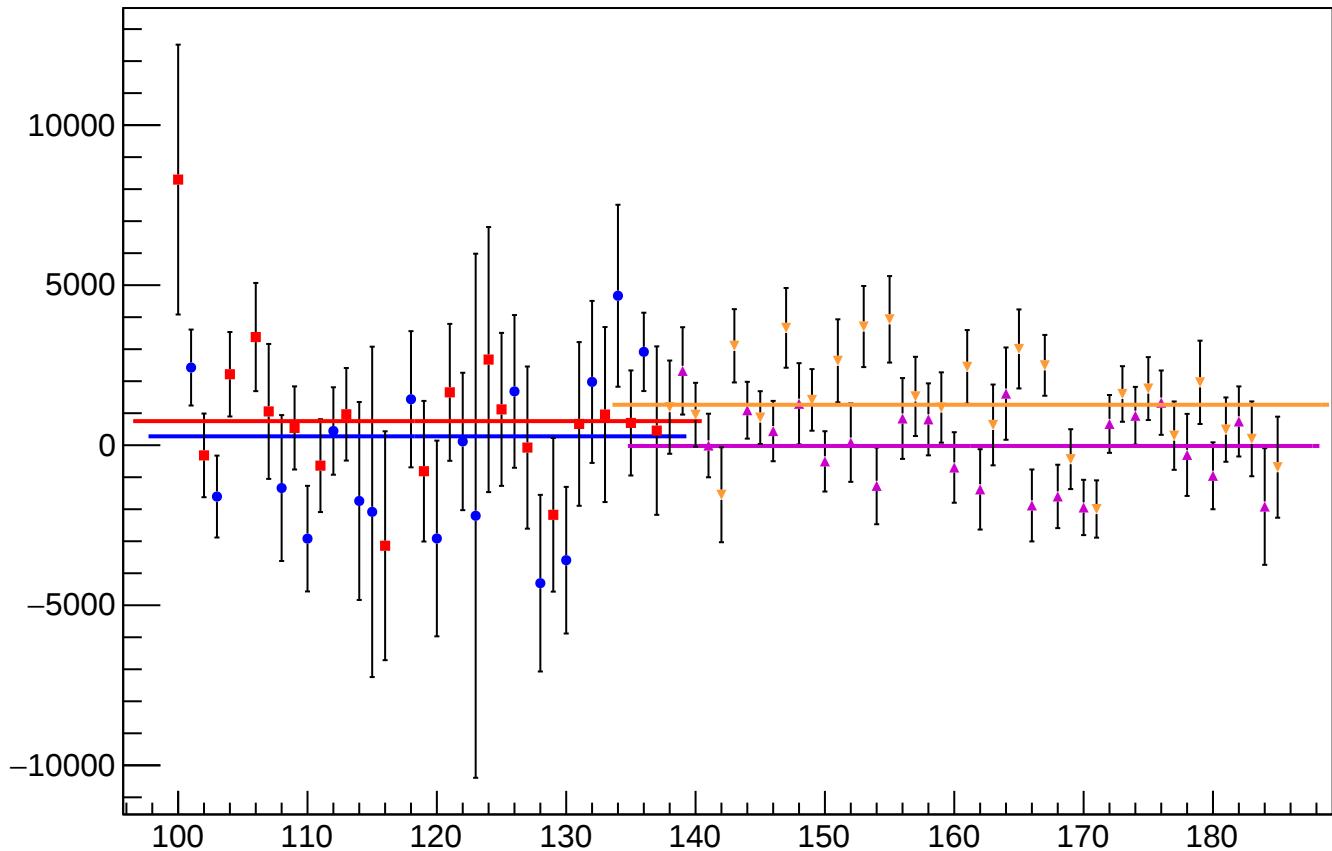
Left In: 922.245 $\pm$ 0.158 χ^2 /NDF: 634712.1/22

+ sign 966.393 $\pm$ 0.140 χ^2 /NDF: 1973083.2/41

All: 965.300 $\pm$ 0.099 χ^2 /NDF: 3716906.6/83

- sign 964.192 $\pm$ 0.141 χ^2 /NDF: 1743699.9/41

asym_sam_48_dd_mean vs Slug



Right In: 277.871+/-468.037 χ^2/NDF : 25.3/16

Left Out: 1264.112+/-220.158 χ^2/NDF :45.1/24

Right Out: 752.527+/-438.192 χ^2/NDF : 12.2/18

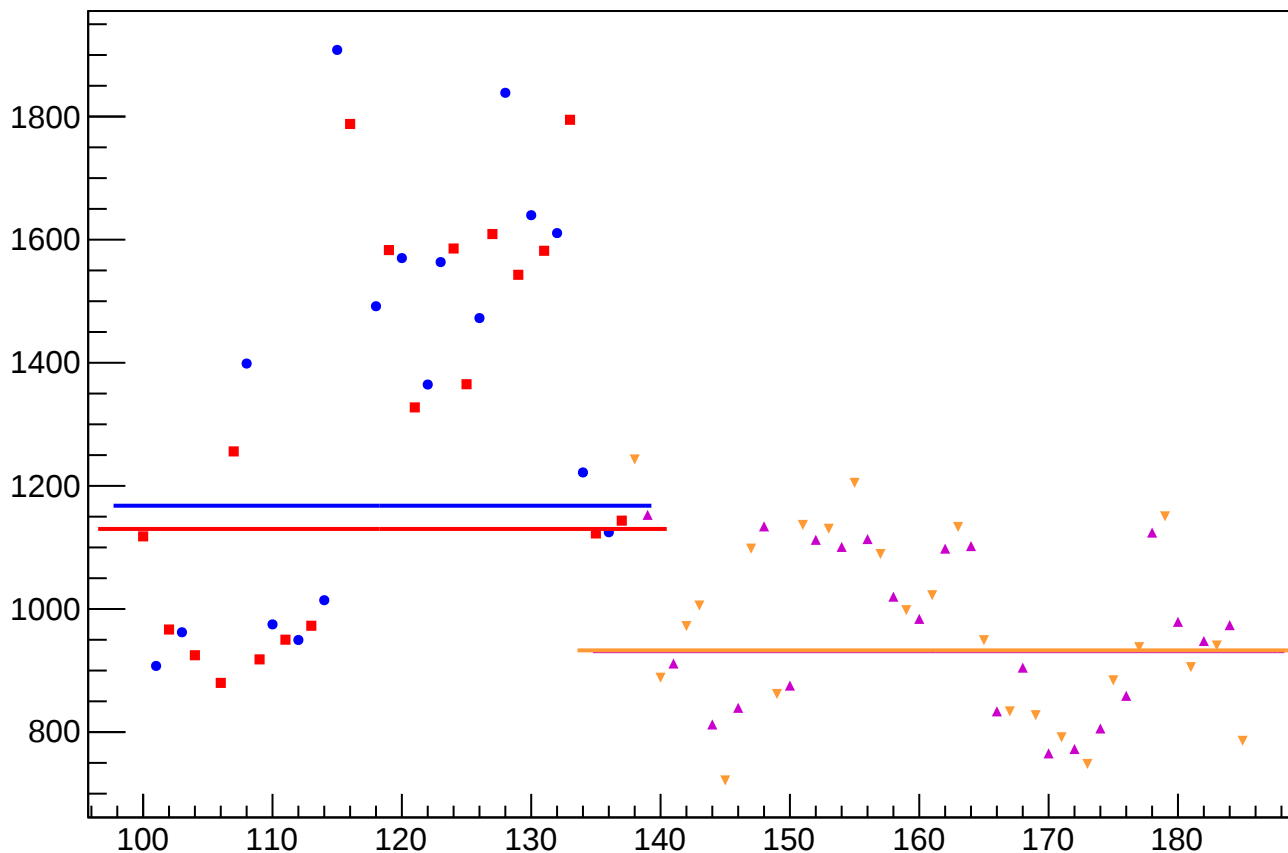
Left In: -23.478+/-225.490 χ^2/NDF :27.2/22

+ sign 1085.430+/-199.218 χ^2/NDF : 74.0/41

All: 615.246+/-141.320 χ^2/NDF : 127.1/83

- sign 138.990+/-200.501 χ^2/NDF : 41.9/41

asym_sam_48_dd_rms vs Slug



Right In: 1167.786 $\pm$ 0.331 χ^2 /NDF: 695715.2/16

Left Out: 932.748 $\pm$ 0.156 χ^2 /NDF: 829788.1/24

Right Out: 1130.045 $\pm$ 0.310 χ^2 /NDF: 763293.9/18

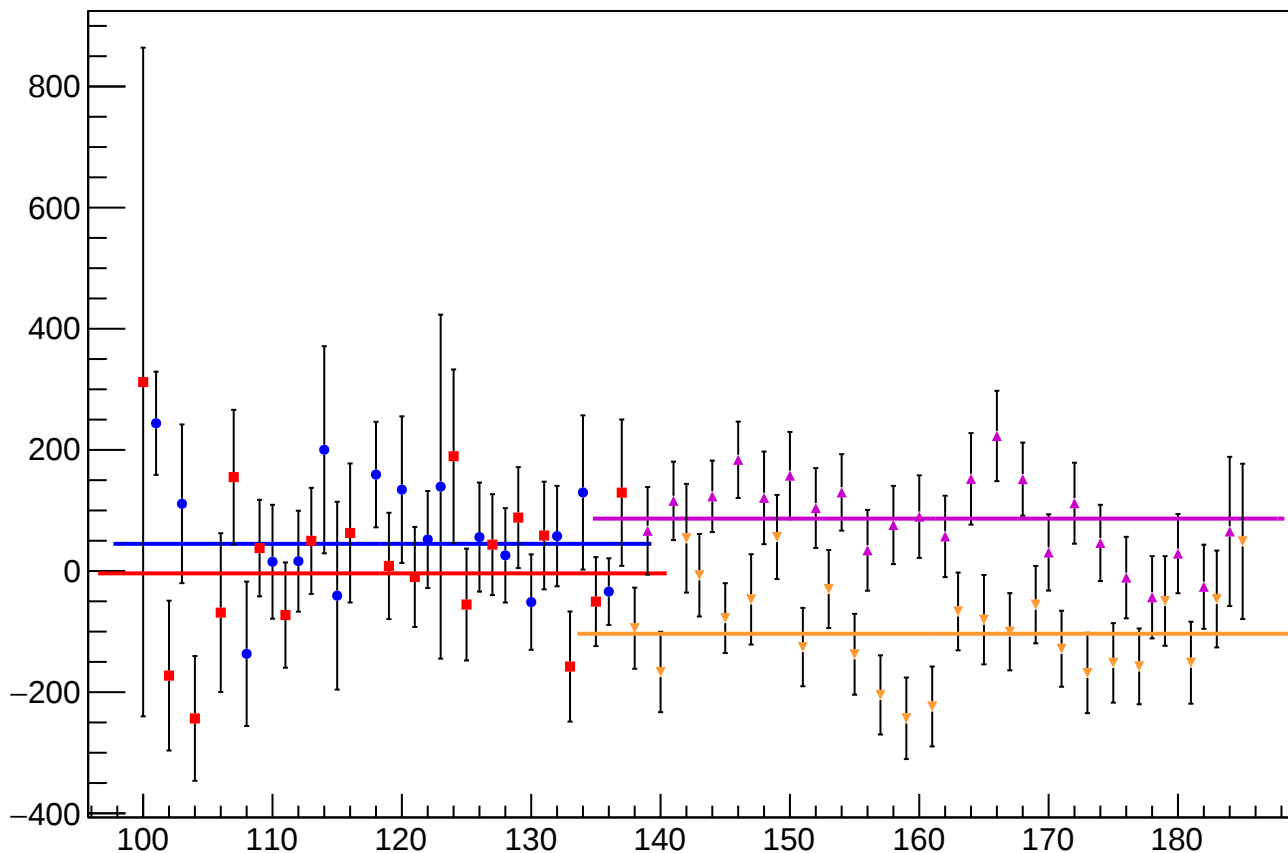
Left In: 931.493 $\pm$ 0.159 χ^2 /NDF: 624436.4/22

+ sign 975.331 $\pm$ 0.141 χ^2 /NDF: 1938493.0/41

All: 974.204 $\pm$ 0.100 χ^2 /NDF: 3651011.5/83

- sign 973.062 $\pm$ 0.142 χ^2 /NDF: 1712389.6/41

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 44.919 ± 22.614 χ^2/NDF : 15.9/16

Left Out: -103.585 ± 13.644 χ^2/NDF : 30.1/24

Right Out: -3.849 ± 22.193 χ^2/NDF : 20.2/18

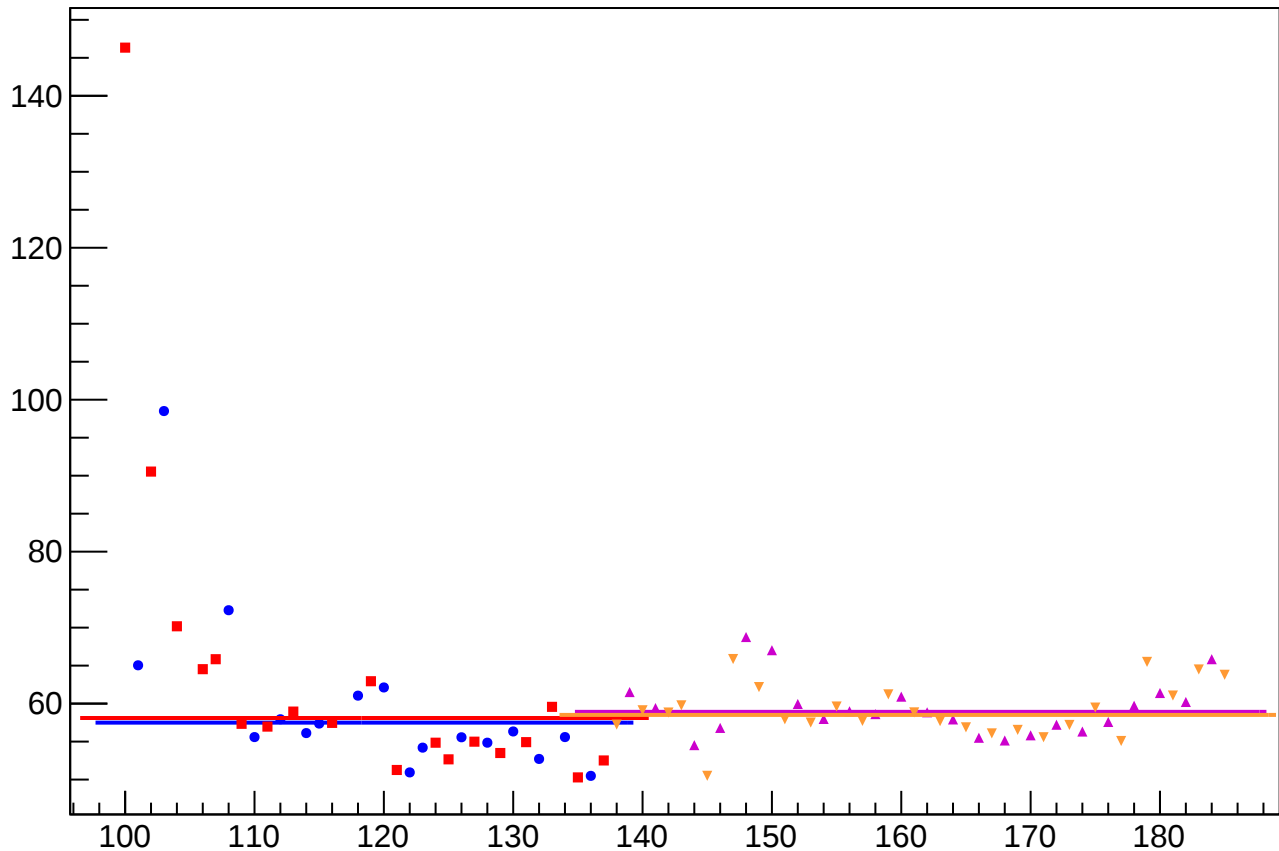
Left In: 86.542 ± 14.120 χ^2/NDF : 21.4/22

+ sign -63.956 ± 11.682 χ^2/NDF : 77.6/41

All: -2.949 ± 8.341 χ^2/NDF : 186.6/83

- sign 60.496 ± 11.913 χ^2/NDF : 53.4/41

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 57.495 $\pm$ 0.016 χ^2 /NDF: 306695.7/16

Left Out: 58.511 $\pm$ 0.010 χ^2 /NDF:123097.7/24

Right Out: 58.105 $\pm$ 0.016 χ^2 /NDF: 298191.3/18

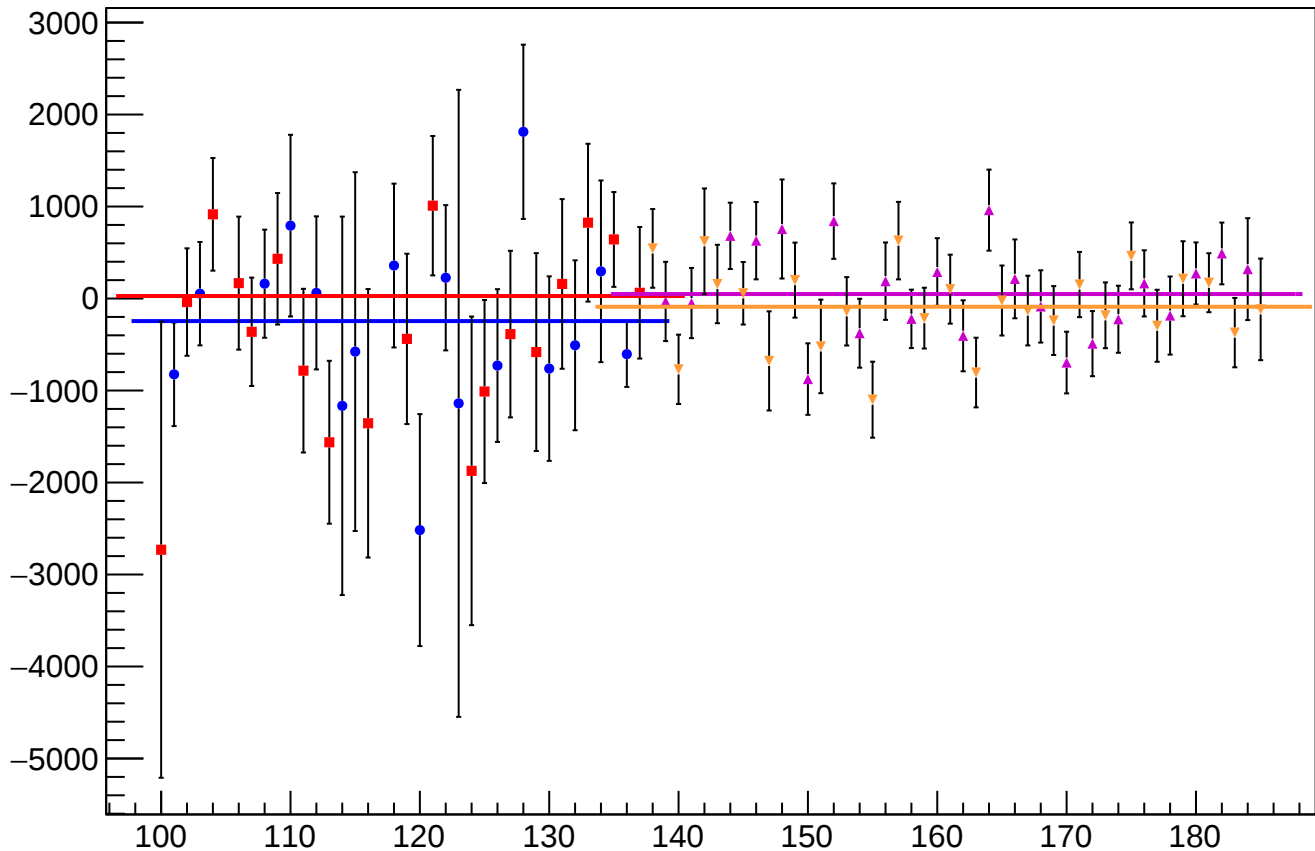
Left In: 58.913 $\pm$ 0.010 χ^2 /NDF:109968.0/22

+ sign 58.240 $\pm$ 0.008 χ^2 /NDF: 432755.3/41

All: 58.456 $\pm$ 0.006 χ^2 /NDF: 844197.2/83

- sign 58.680 $\pm$ 0.008 χ^2 /NDF: 410049.8/41

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -245.129 ± 184.410 χ^2/NDF : 14.1/16

Left Out: -89.597 ± 78.569 χ^2/NDF : 27.9/24

Right Out: 27.129 ± 182.149 χ^2/NDF : 16.2/18

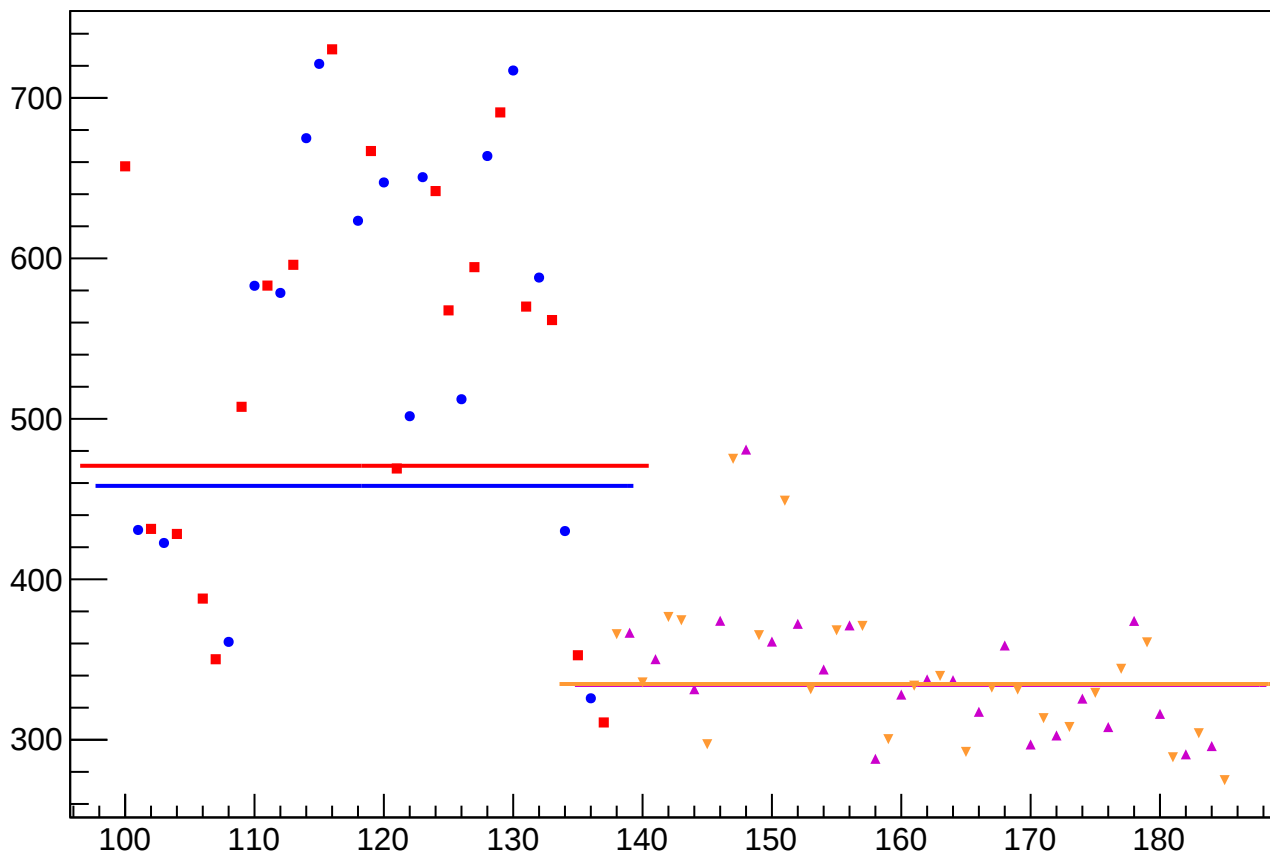
Left In: 48.742 ± 80.548 χ^2/NDF : 35.3/22

+ sign -113.493 ± 72.282 χ^2/NDF : 42.7/41

All: -35.648 ± 51.594 χ^2/NDF : 96.6/83

- sign 45.207 ± 73.666 χ^2/NDF : 51.6/41

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 458.231+/-0.130 χ^2/NDF : 879276.8/16

Left Out: 334.762+/-0.056 χ^2/NDF : 491198.2/24

Right Out: 470.751+/-0.129 χ^2/NDF : 781964.3/18

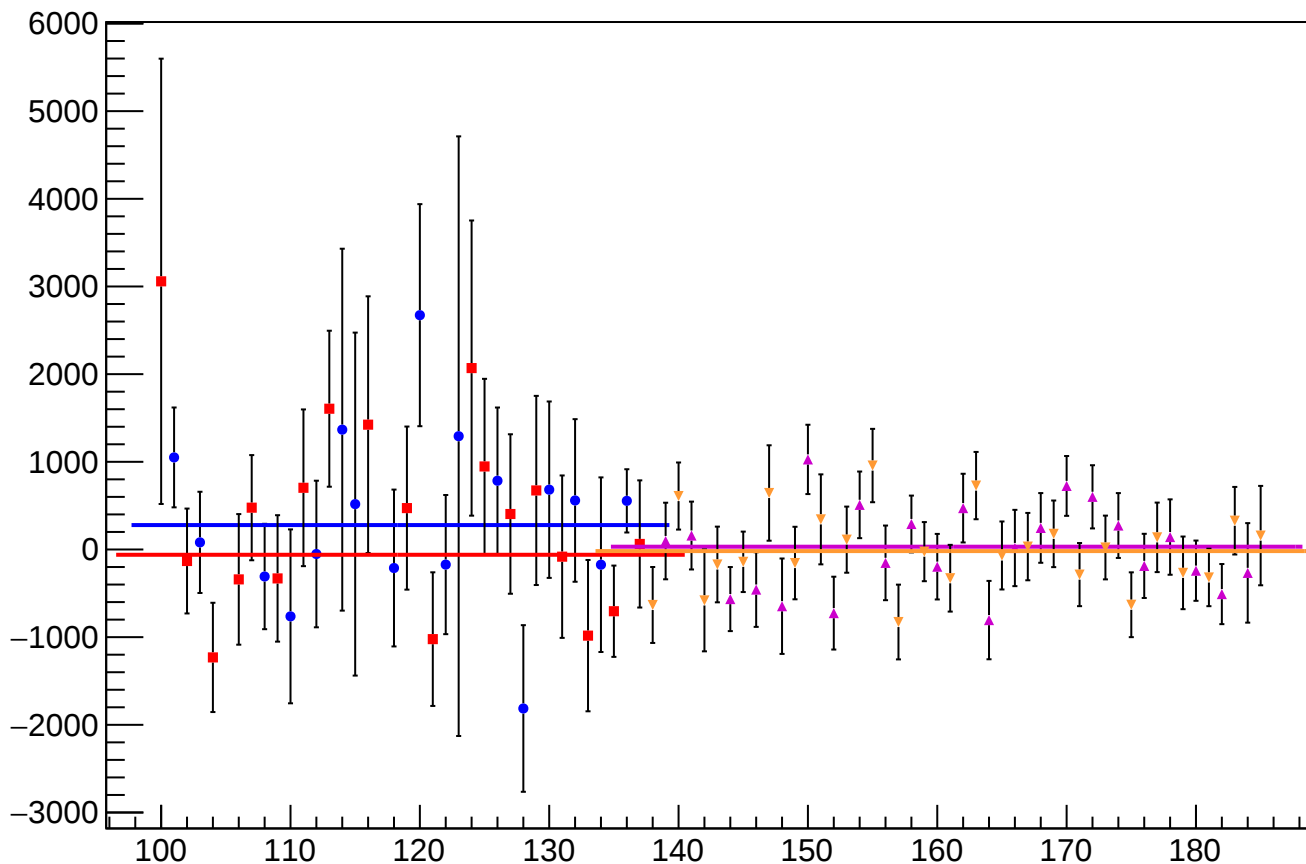
Left In: 334.147+/-0.057 χ^2/NDF : 397200.6/22

+ sign 353.732+/-0.051 χ^2/NDF : 2129283.2/41

All: 355.085+/-0.036 χ^2/NDF : 4250764.4/83

- sign 356.490+/-0.052 χ^2/NDF : 2120052.7/41

asym_sam_13_57_dd_mean vs Slug



Right In: 278.553 $\pm$ 186.587 χ^2 /NDF: 15.0/16

Left Out: -18.271 $\pm$ 79.825 χ^2 /NDF:27.5/24

Right Out: -60.303 $\pm$ 184.397 χ^2 /NDF: 19.4/18

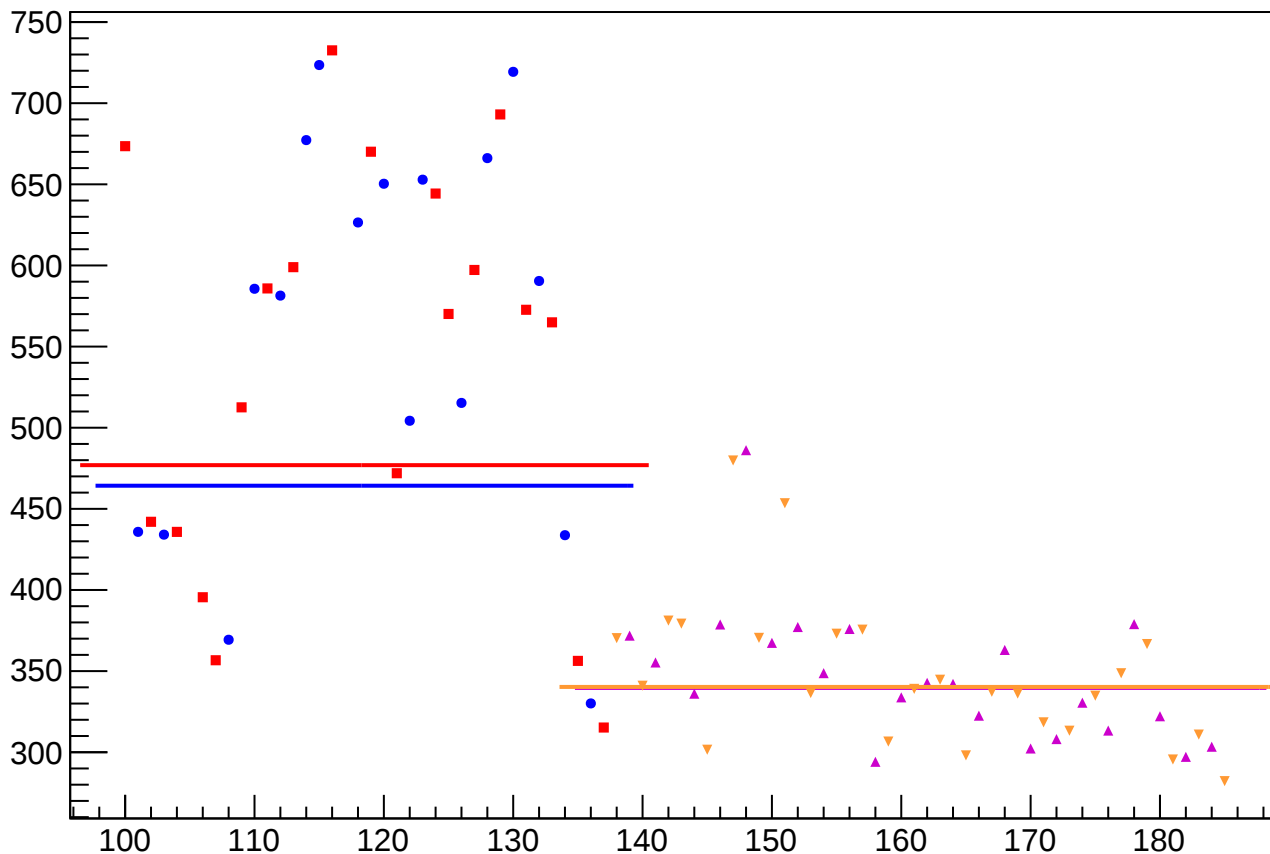
Left In: 31.800 $\pm$ 81.839 χ^2 /NDF:34.0/22

+ sign 27.651 $\pm$ 73.391 χ^2 /NDF: 44.6/41

All: 22.252 $\pm$ 52.387 χ^2 /NDF: 98.2/83

- sign 16.643 $\pm$ 74.803 χ^2 /NDF: 53.6/41

asym_sam_13_57_dd_rms vs Slug



Right In: 464.257 $\pm$ 0.132 χ^2 /NDF: 847933.8/16

Left Out: 340.251 $\pm$ 0.056 χ^2 /NDF: 468714.5/24

Right Out: 476.925 $\pm$ 0.130 χ^2 /NDF: 752685.6/18

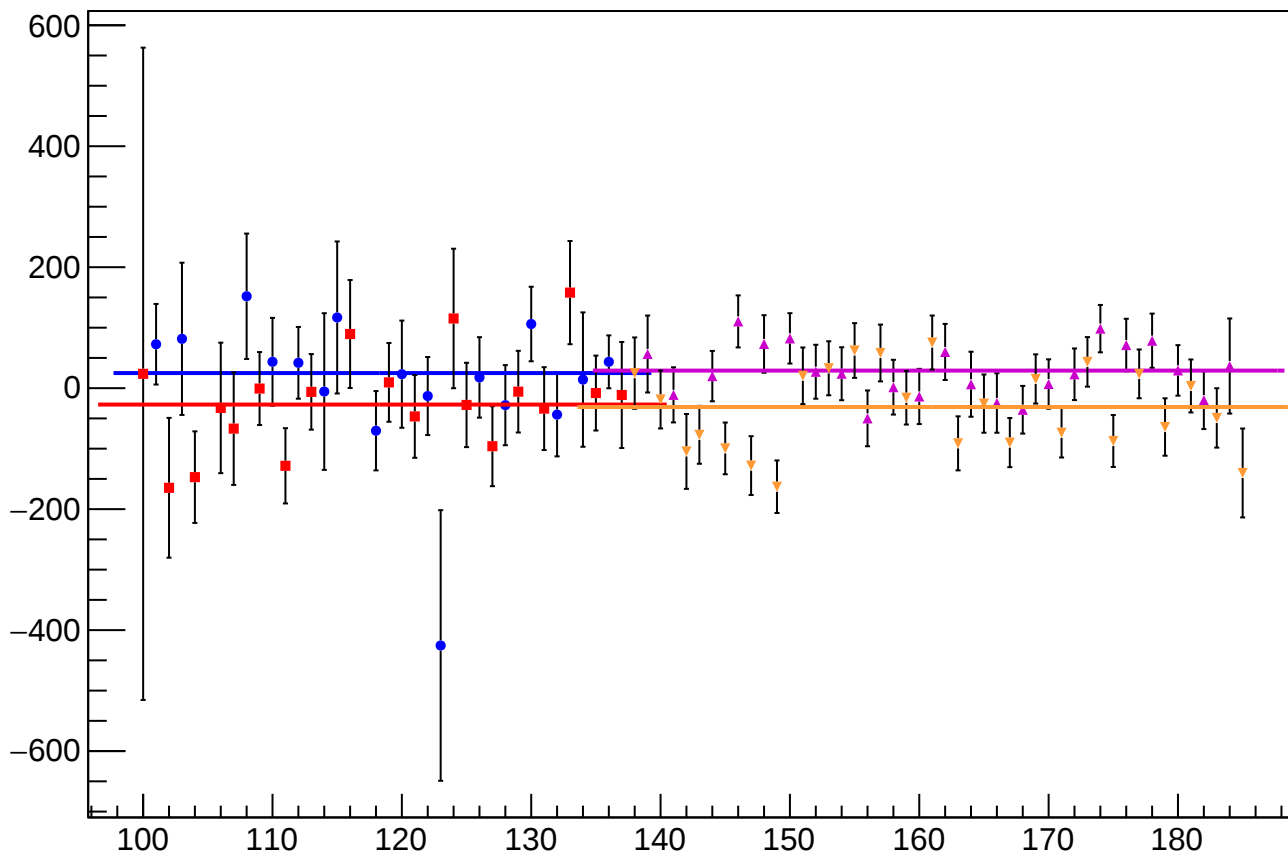
Left In: 339.621 $\pm$ 0.058 χ^2 /NDF: 379808.1/22

+ sign 359.436 $\pm$ 0.052 χ^2 /NDF: 2063373.6/41

All: 360.799 $\pm$ 0.037 χ^2 /NDF: 4123684.5/83

- sign 362.216 $\pm$ 0.053 χ^2 /NDF: 2058902.8/41

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 24.974 ± 17.871 χ^2/NDF : 13.0/16

Left Out: -31.152 ± 9.171 χ^2/NDF : 52.6/24

Right Out: -27.097 ± 17.436 χ^2/NDF : 16.7/18

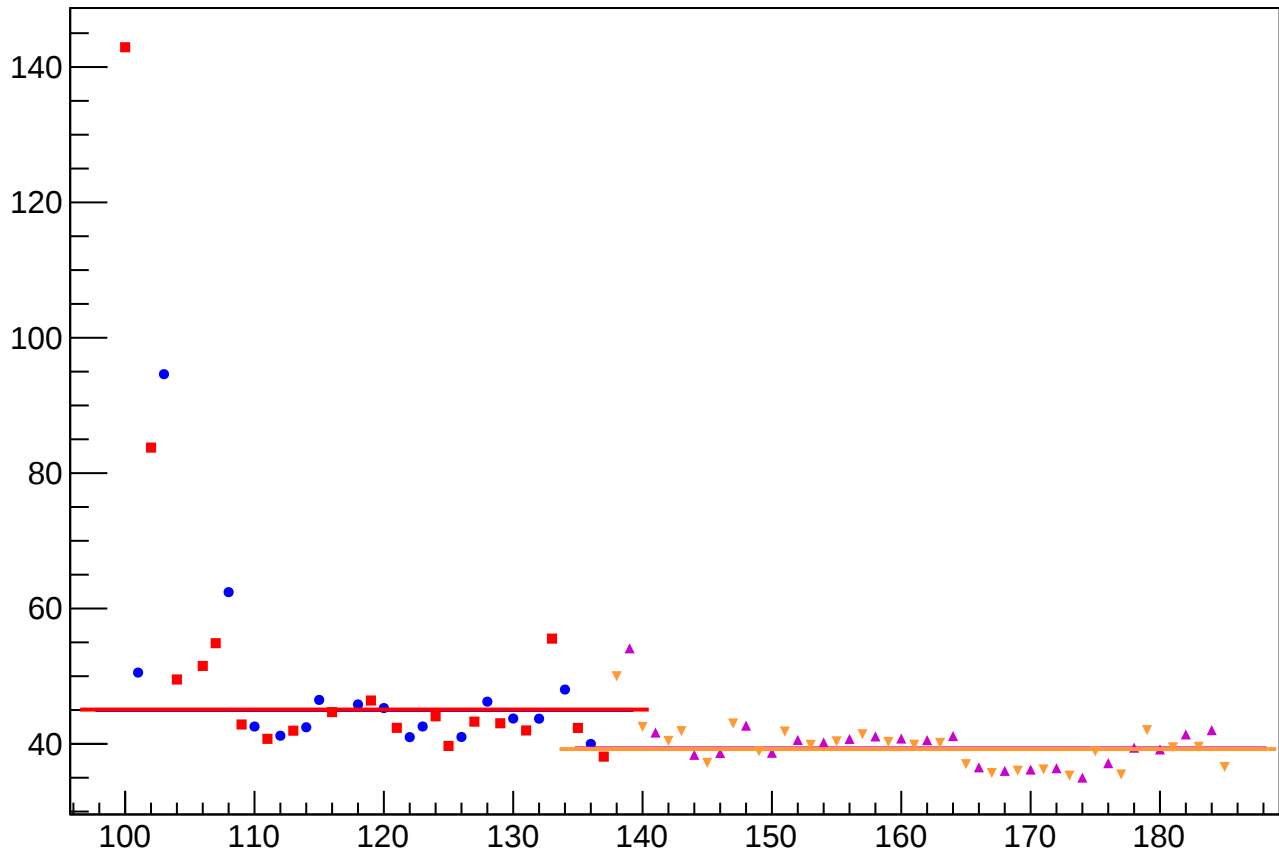
Left In: 29.055 ± 9.449 χ^2/NDF : 22.4/22

+ sign -19.453 ± 8.159 χ^2/NDF : 73.5/41

All: -1.896 ± 5.821 χ^2/NDF : 130.1/83

- sign 16.307 ± 8.308 χ^2/NDF : 47.2/41

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.010 $\pm$ 0.013 χ^2 /NDF: 438252.0/16

Left Out: 39.235 $\pm$ 0.006 χ^2 /NDF: 201957.7/24

Right Out: 45.070 $\pm$ 0.012 χ^2 /NDF: 413668.1/18

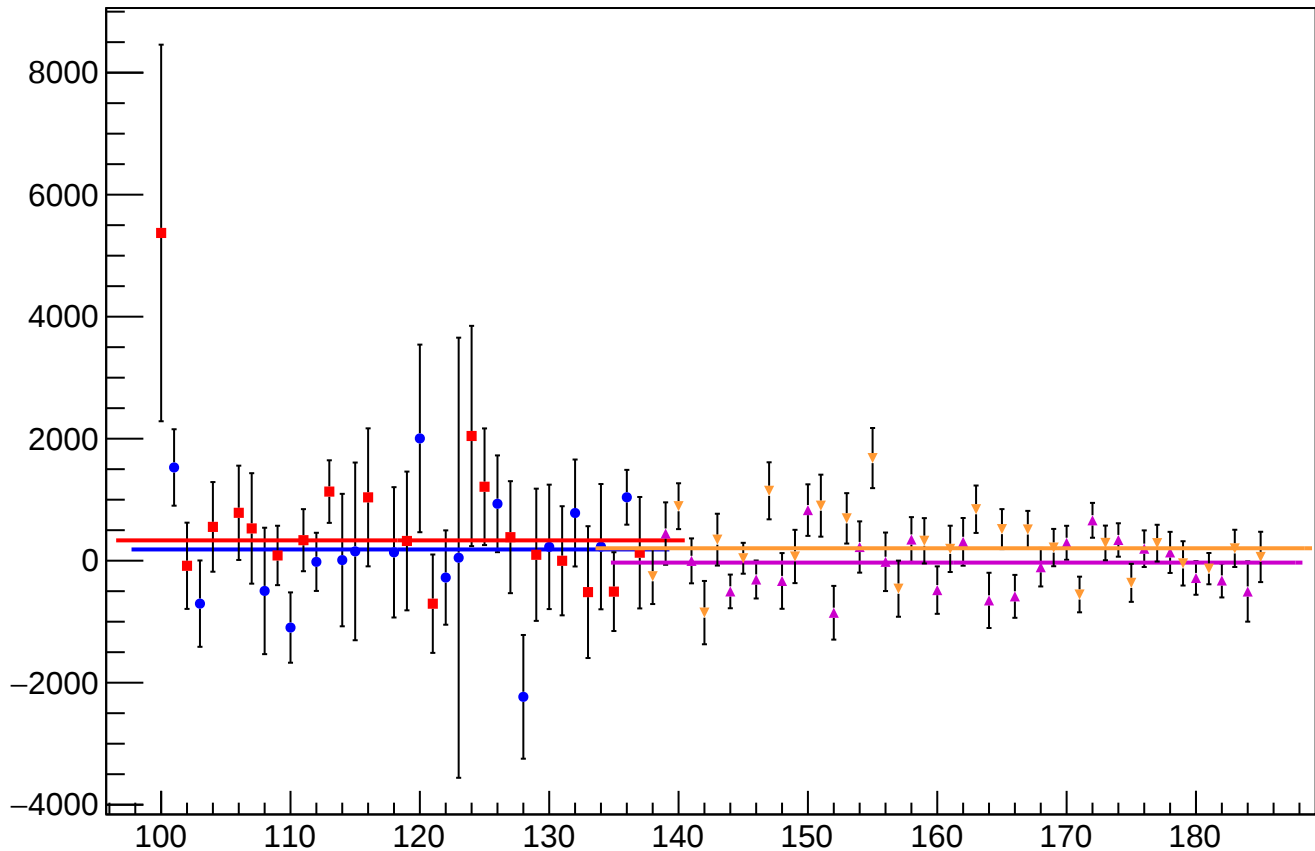
Left In: 39.338 $\pm$ 0.007 χ^2 /NDF: 215671.3/22

+ sign 40.438 $\pm$ 0.006 χ^2 /NDF: 805507.8/41

All: 40.537 $\pm$ 0.004 χ^2 /NDF: 1602509.7/83

- sign 40.640 $\pm$ 0.006 χ^2 /NDF: 796405.4/41

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 184.085 ± 189.043 χ^2/NDF : 24.2/16

Left Out: 203.771 ± 70.436 χ^2/NDF : 44.8/24

Right Out: 333.044 ± 179.692 χ^2/NDF : 12.5/18

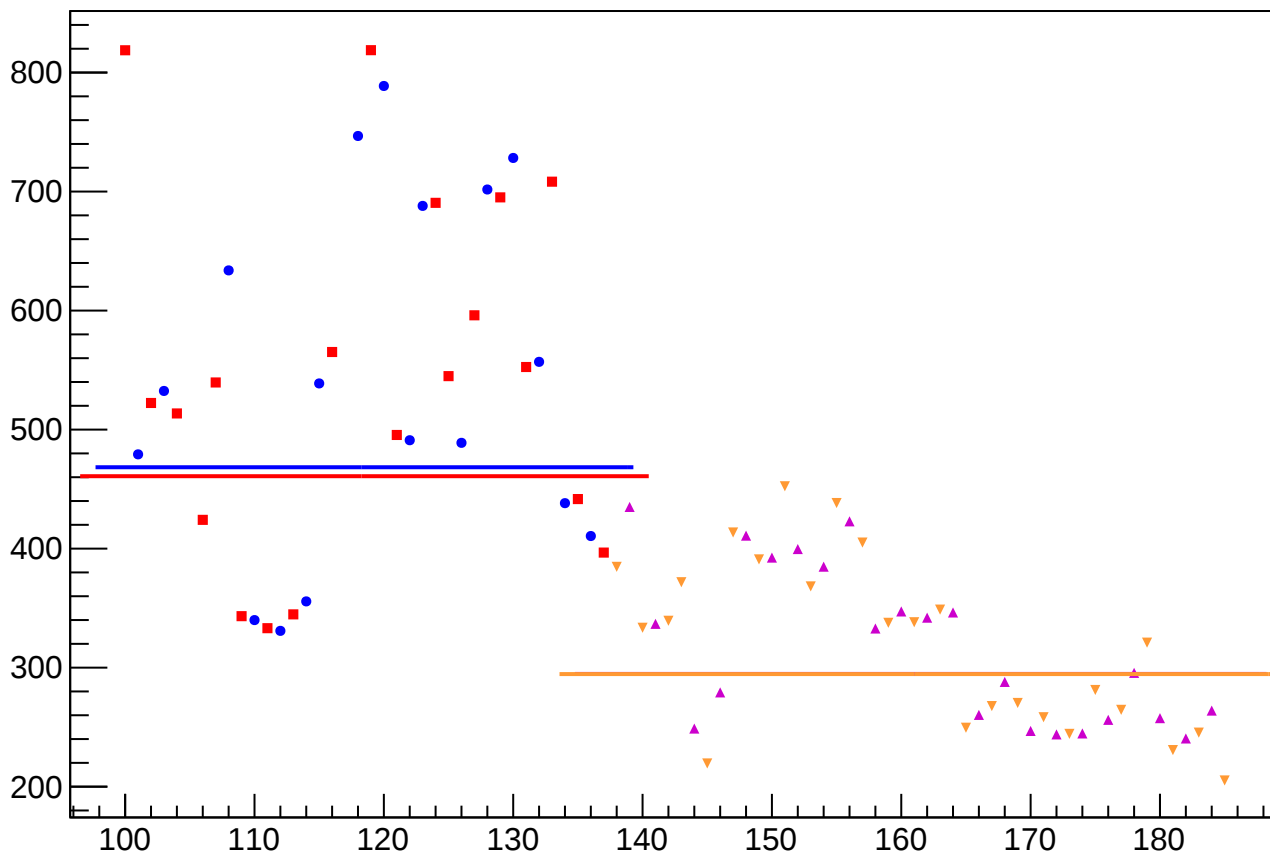
Left In: -31.548 ± 72.100 χ^2/NDF : 33.4/22

+ sign 201.371 ± 66.004 χ^2/NDF : 69.0/41

All: 111.440 ± 46.990 χ^2/NDF : 122.2/83

- sign 19.010 ± 66.914 χ^2/NDF : 49.4/41

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 468.371 $\pm$ 0.134 χ^2 /NDF: 883769.0/16

Left Out: 294.596 $\pm$ 0.050 χ^2 /NDF:1680584.6/24

Right Out: 460.849 $\pm$ 0.127 χ^2 /NDF: 958126.5/18

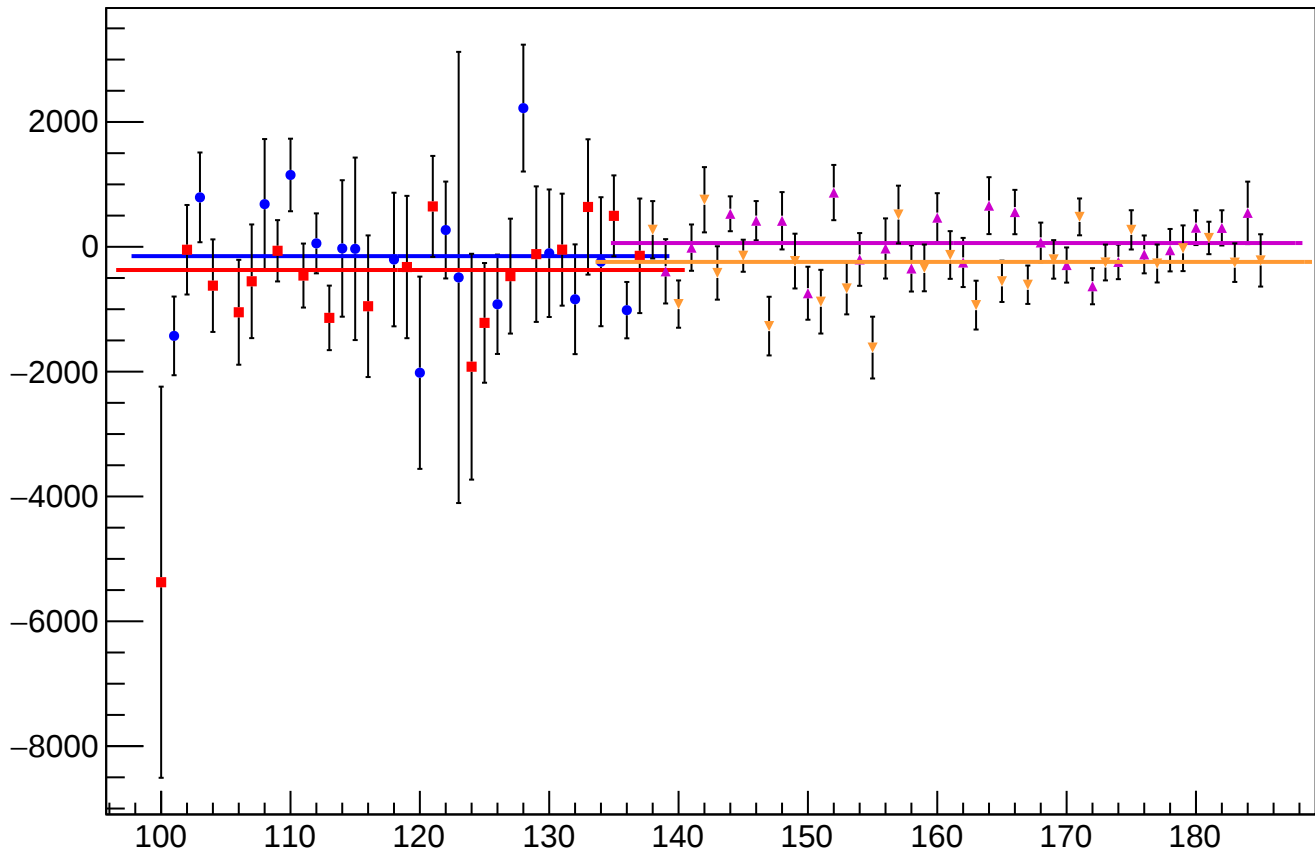
Left In: 294.722 $\pm$ 0.051 χ^2 /NDF:1297310.3/22

+ sign 315.780 $\pm$ 0.047 χ^2 /NDF: 4048335.0/41

All: 316.756 $\pm$ 0.033 χ^2 /NDF: 7777043.6/83

- sign 317.759 $\pm$ 0.047 χ^2 /NDF: 3727821.8/41

asym_sam_15_37_dd_mean vs Slug



Right In: -149.502 ± 190.216 χ^2/NDF : 24.1/16

Left Out: -241.867 ± 71.111 χ^2/NDF : 42.9/24

Right Out: -371.735 ± 181.576 χ^2/NDF : 12.5/18

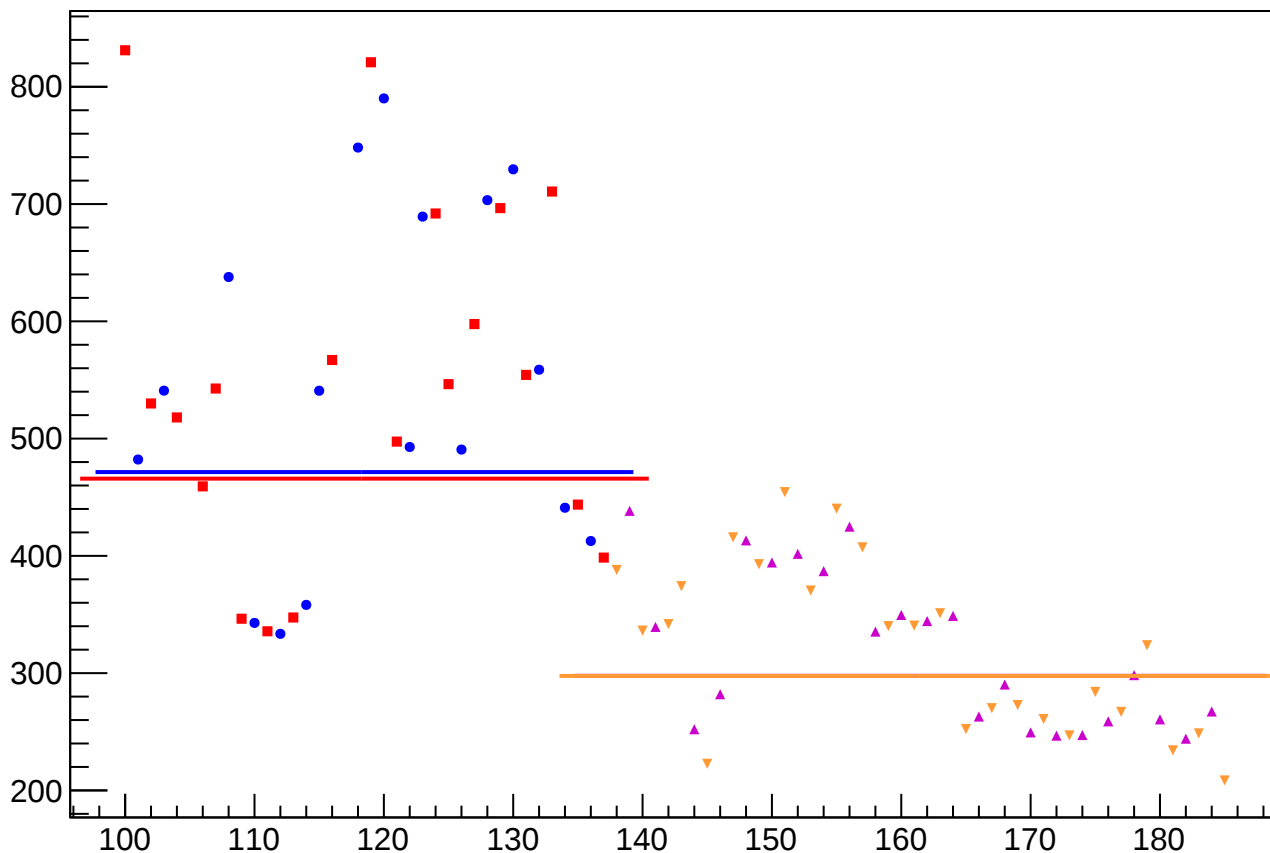
Left In: 60.330 ± 72.788 χ^2/NDF : 30.9/22

+ sign -230.541 ± 66.608 χ^2/NDF : 67.3/41

All: -116.657 ± 47.433 χ^2/NDF : 121.4/83

- sign 0.511 ± 67.562 χ^2/NDF : 48.2/41

asym_sam_15_37_dd_rms vs Slug



Right In: 471.454 $\pm$ 0.135 χ^2 /NDF: 875217.0/16

Left Out: 297.617 $\pm$ 0.050 χ^2 /NDF:1637862.5/24

Right Out: 465.856 $\pm$ 0.128 χ^2 /NDF: 943653.4/18

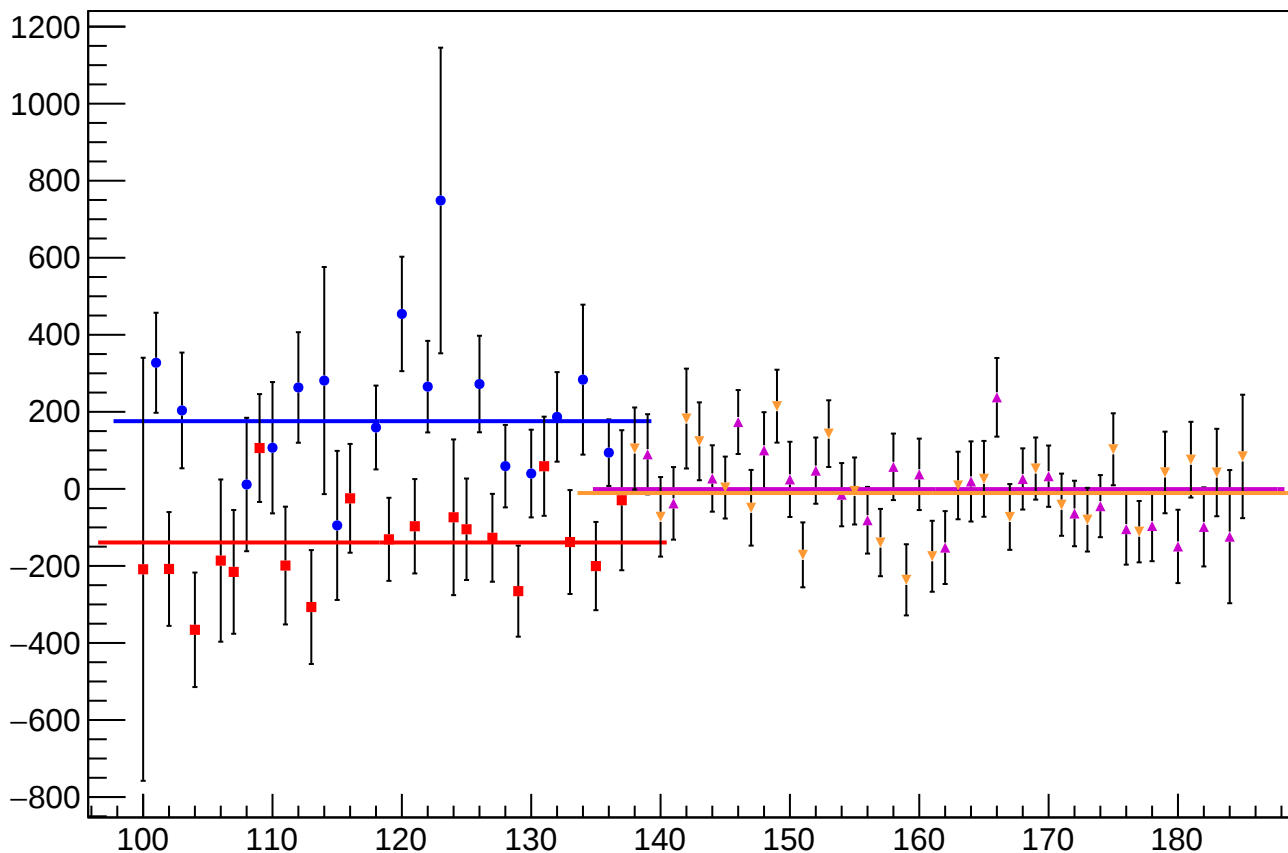
Left In: 297.699 $\pm$ 0.051 χ^2 /NDF:1266306.2/22

+ sign 318.933 $\pm$ 0.047 χ^2 /NDF: 3978663.2/41

All: 319.942 $\pm$ 0.034 χ^2 /NDF: 7667381.1/83

- sign 320.980 $\pm$ 0.048 χ^2 /NDF: 3687787.3/41

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 175.771 $\pm$ 32.833 χ^2 /NDF: 15.5/16

Left Out: -10.752 $\pm$ 18.611 χ^2 /NDF:36.3/24

Right Out: -139.142 $\pm$ 32.437 χ^2 /NDF: 12.5/18

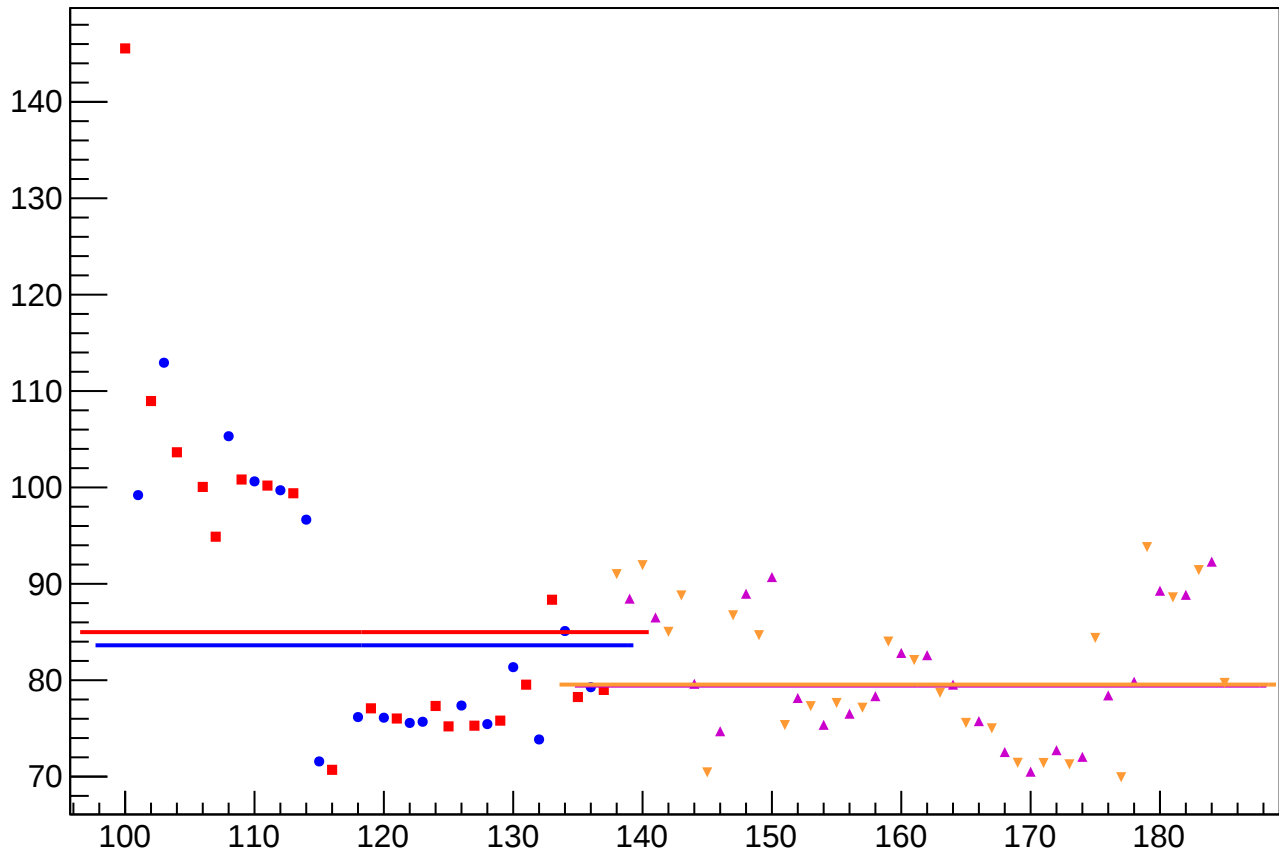
Left In: -0.575 $\pm$ 19.091 χ^2 /NDF:23.8/22

+ sign 34.606 $\pm$ 16.191 χ^2 /NDF: 76.3/41

All: -0.241 $\pm$ 11.540 χ^2 /NDF: 135.5/83

- sign -36.225 $\pm$ 16.453 χ^2 /NDF: 49.8/41

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 83.622 $\pm$ 0.023 χ^2 /NDF: 254251.0/16

Left Out: 79.548 $\pm$ 0.013 χ^2 /NDF: 308740.9/24

Right Out: 84.989 $\pm$ 0.023 χ^2 /NDF: 287001.0/18

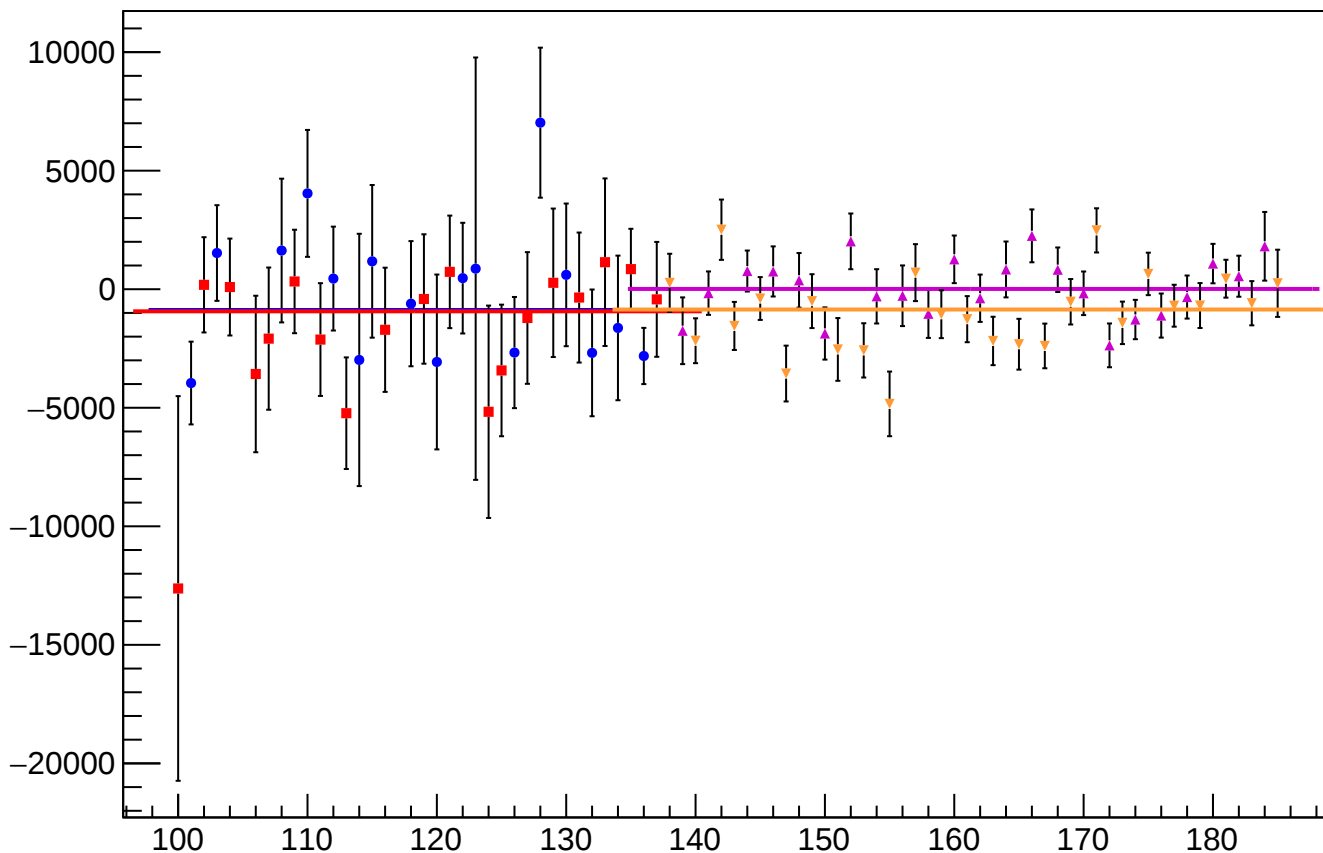
Left In: 79.436 $\pm$ 0.013 χ^2 /NDF: 212440.1/22

+ sign 80.538 $\pm$ 0.011 χ^2 /NDF: 586296.4/41

All: 80.699 $\pm$ 0.008 χ^2 /NDF: 1129669.4/83

- sign 80.865 $\pm$ 0.012 χ^2 /NDF: 542972.3/41

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -877.743 ± 584.504 χ^2/NDF : 20.5/16

Left Out: -856.450 ± 204.117 χ^2/NDF : 55.9/24

Right Out: -932.219 ± 590.182 χ^2/NDF : 11.3/18

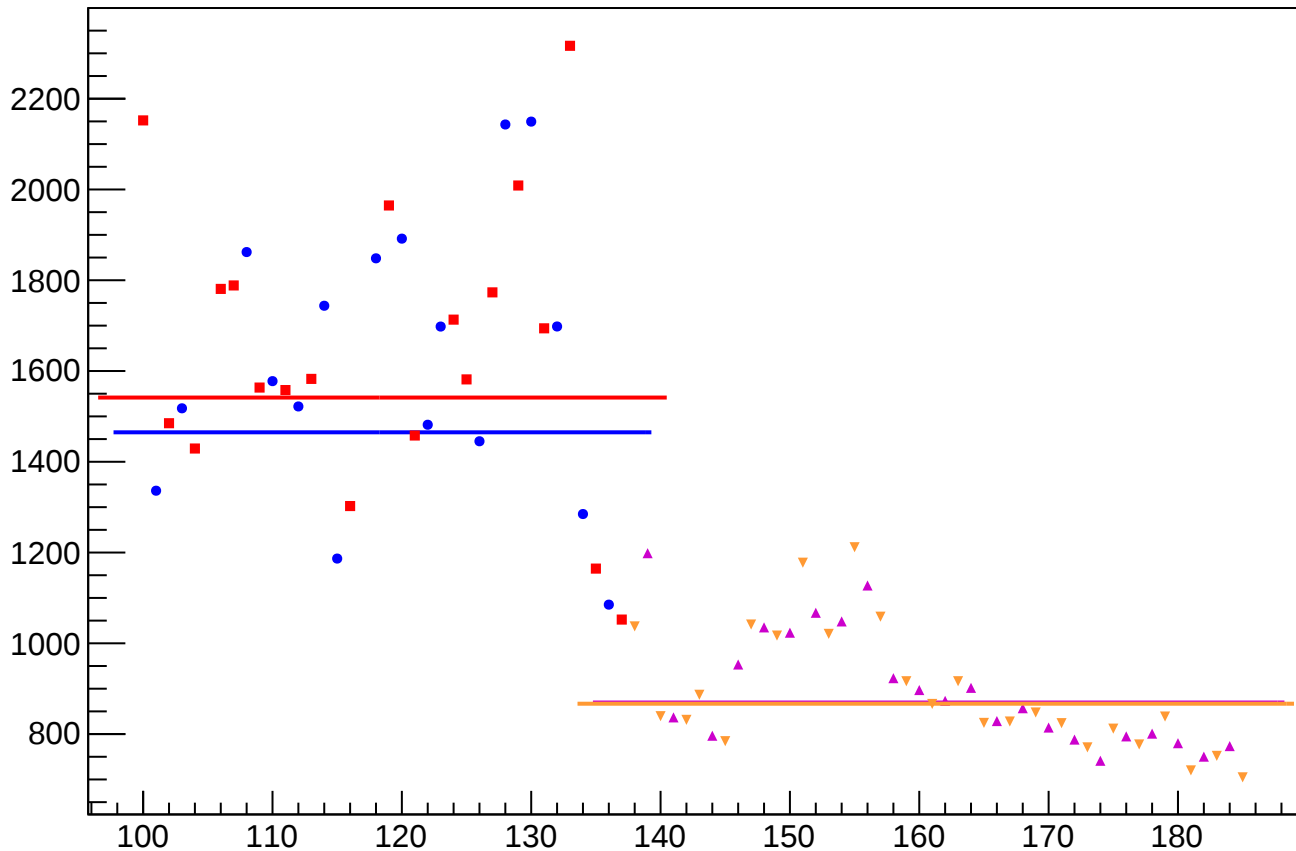
Left In: 11.687 ± 210.073 χ^2/NDF : 31.2/22

+ sign -858.765 ± 192.705 χ^2/NDF : 76.5/41

All: -486.792 ± 138.066 χ^2/NDF : 129.0/83

- sign -94.455 ± 197.909 χ^2/NDF : 44.8/41

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1464.922+/-0.413 χ^2/NDF : 565343.8/16

Left Out: 866.896+/-0.144 χ^2/NDF : 661846.7/24

Right Out: 1541.521+/-0.417 χ^2/NDF : 455248.6/18

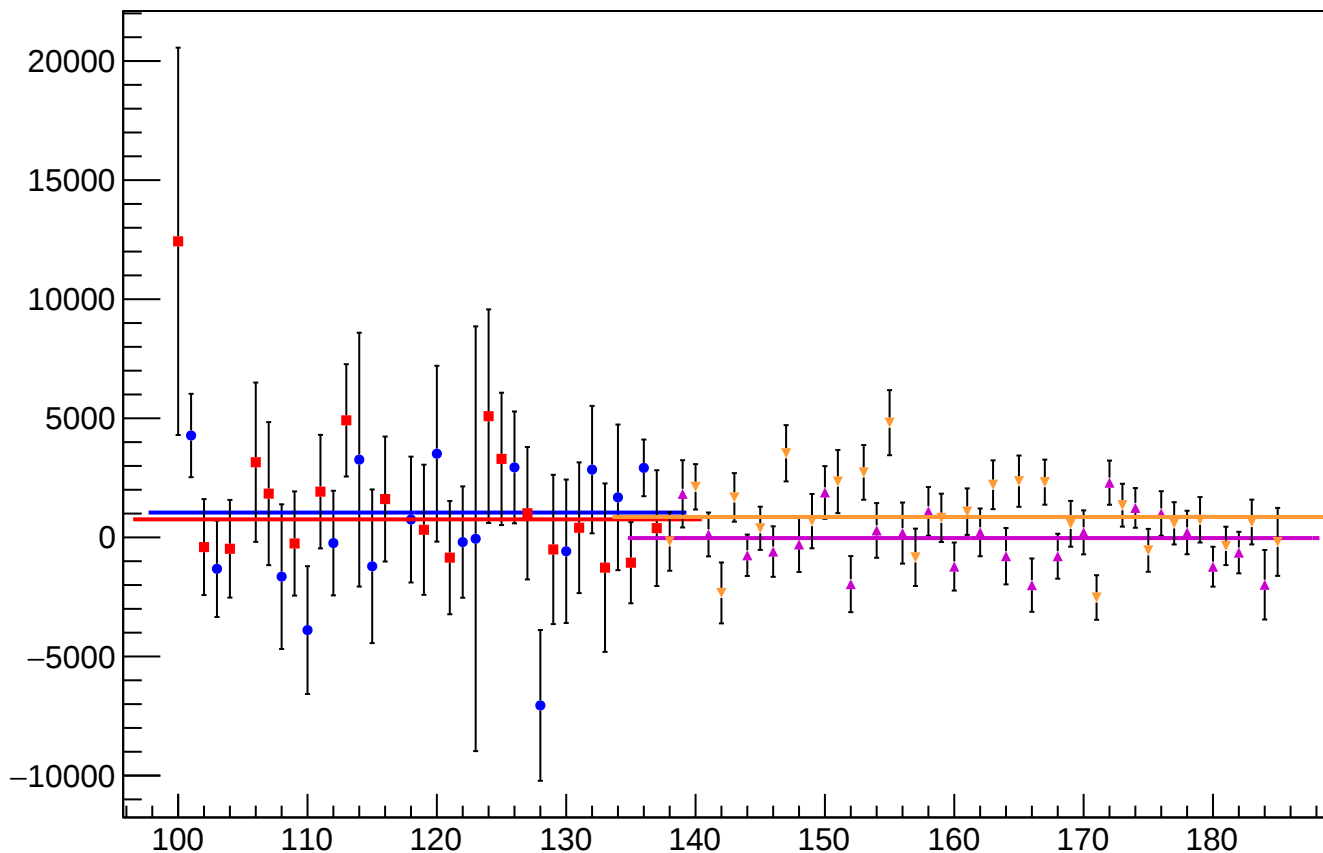
Left In: 869.569+/-0.149 χ^2/NDF : 582301.2/22

+ sign 931.899+/-0.136 χ^2/NDF : 3093235.4/41

All: 938.338+/-0.098 χ^2/NDF : 6436432.9/83

- sign 945.130+/-0.140 χ^2/NDF : 3338608.6/41

asym_sam_24_68_dd_mean vs Slug



Right In: 1042.489 $\pm$ 585.716 χ^2 /NDF: 21.2/16

Left Out: 857.836 $\pm$ 205.074 χ^2 /NDF: 54.0/24

Right Out: 758.067 $\pm$ 591.504 χ^2 /NDF: 11.0/18

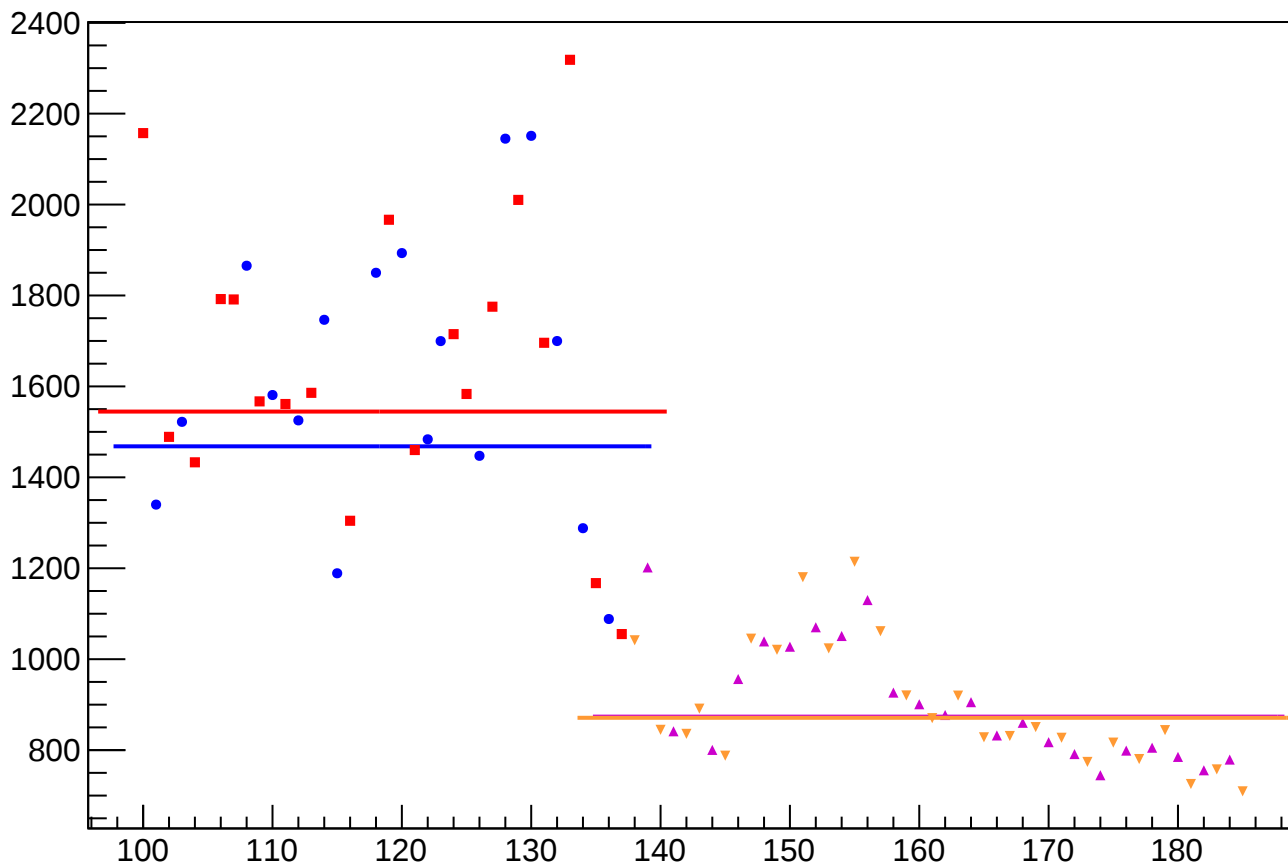
Left In: -28.553 $\pm$ 211.034 χ^2 /NDF: 29.7/22

+ sign 878.000 $\pm$ 193.553 χ^2 /NDF: 75.3/41

All: 479.991 $\pm$ 138.668 χ^2 /NDF: 126.3/83

- sign 60.269 $\pm$ 198.763 χ^2 /NDF: 42.3/41

asym_sam_24_68_dd_rms vs Slug



Right In: 1468.195+/-0.414 χ^2/NDF : 561893.4/16

Left Out: 871.111+/-0.145 χ^2/NDF : 651884.5/24

+ sign 936.313+/-0.137 χ^2/NDF : 3065202.8/41

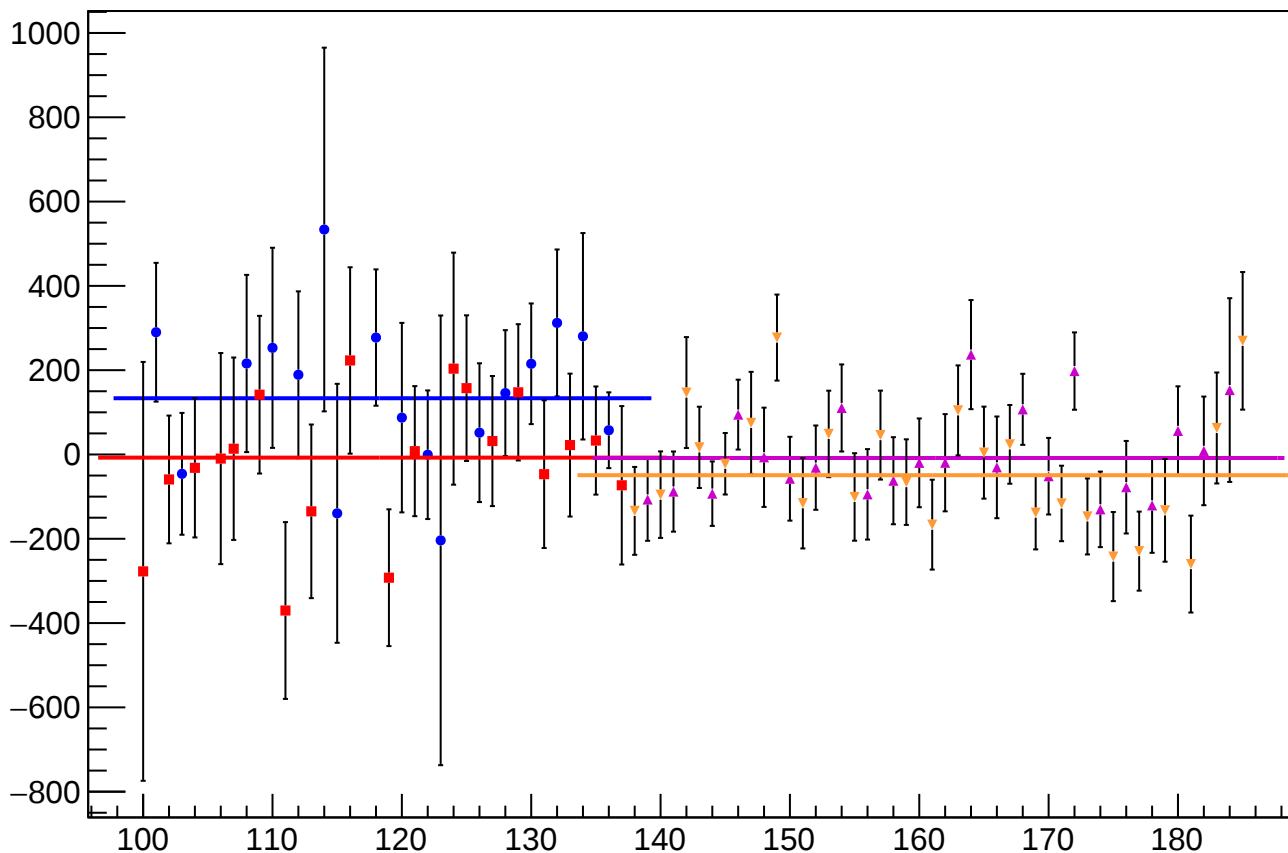
Right Out: 1544.653+/-0.418 χ^2/NDF : 453342.4/18

All: 942.702+/-0.098 χ^2/NDF : 6379793.4/83

- sign 949.439+/-0.141 χ^2/NDF : 3310114.1/41

Left In: 873.675+/-0.149 χ^2/NDF : 573822.5/22

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 133.408 $\pm$ 41.705 χ^2 /NDF: 9.3/16

Left Out: -49.180 $\pm$ 20.582 χ^2 /NDF:39.7/24

Right Out: -7.495 $\pm$ 41.511 χ^2 /NDF: 11.4/18

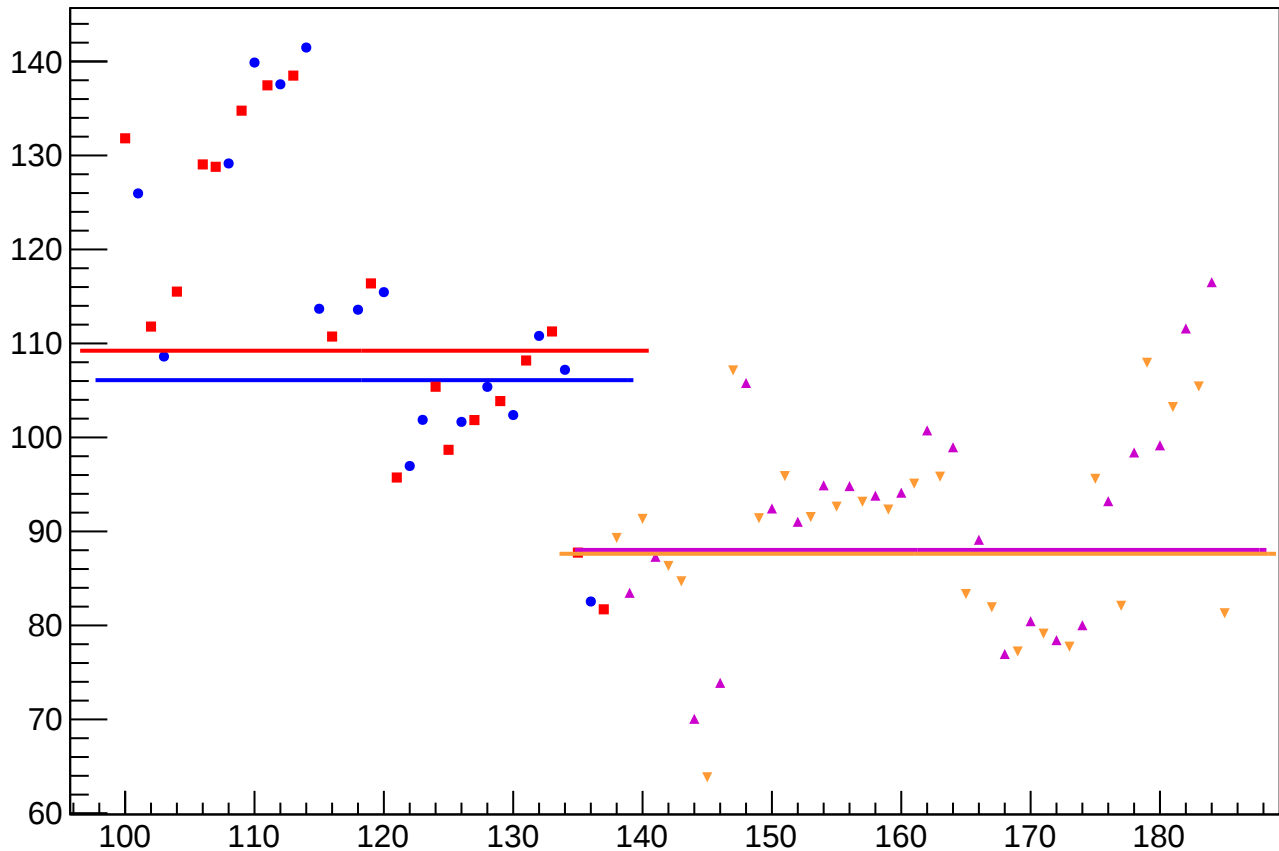
Left In: -8.343 $\pm$ 21.271 χ^2 /NDF:22.0/22

+ sign -13.419 $\pm$ 18.457 χ^2 /NDF: 64.4/41

All: -10.859 $\pm$ 13.215 χ^2 /NDF: 97.8/83

- sign -8.167 $\pm$ 18.931 χ^2 /NDF: 33.4/41

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 106.094 $\pm$ 0.029 χ^2 /NDF: 316104.7/16

Left Out: 87.622 $\pm$ 0.015 χ^2 /NDF:554461.5/24

Right Out: 109.227 $\pm$ 0.029 χ^2 /NDF: 283569.2/18

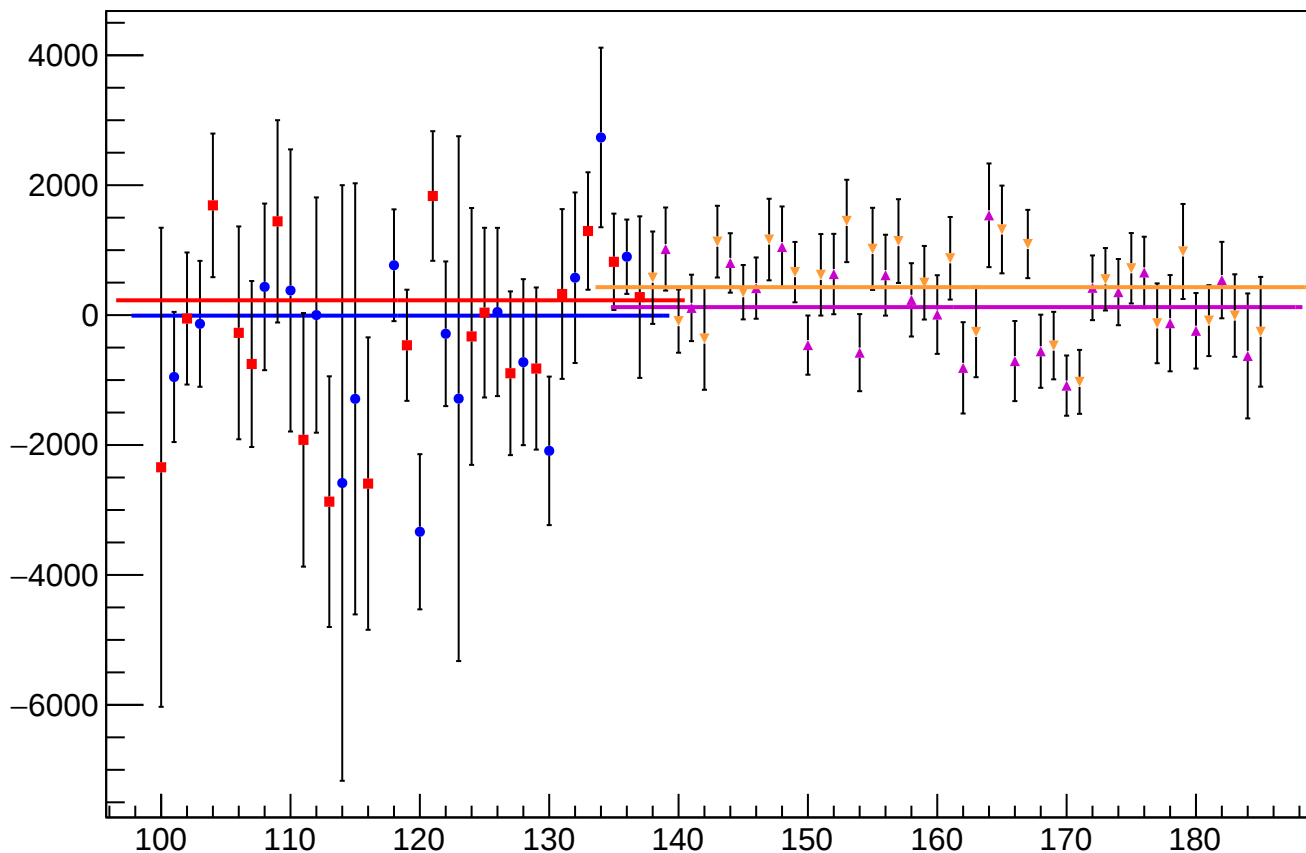
Left In: 88.032 $\pm$ 0.015 χ^2 /NDF:523710.9/22

+ sign 91.240 $\pm$ 0.013 χ^2 /NDF: 1186049.1/41

All: 91.825 $\pm$ 0.009 χ^2 /NDF: 2410387.3/83

- sign 92.440 $\pm$ 0.013 χ^2 /NDF: 1220219.7/41

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -8.296 ± 284.265 χ^2/NDF : 20.5/16

Left Out: 430.106 ± 115.717 χ^2/NDF : 30.6/24

Right Out: 227.827 ± 280.146 χ^2/NDF : 15.8/18

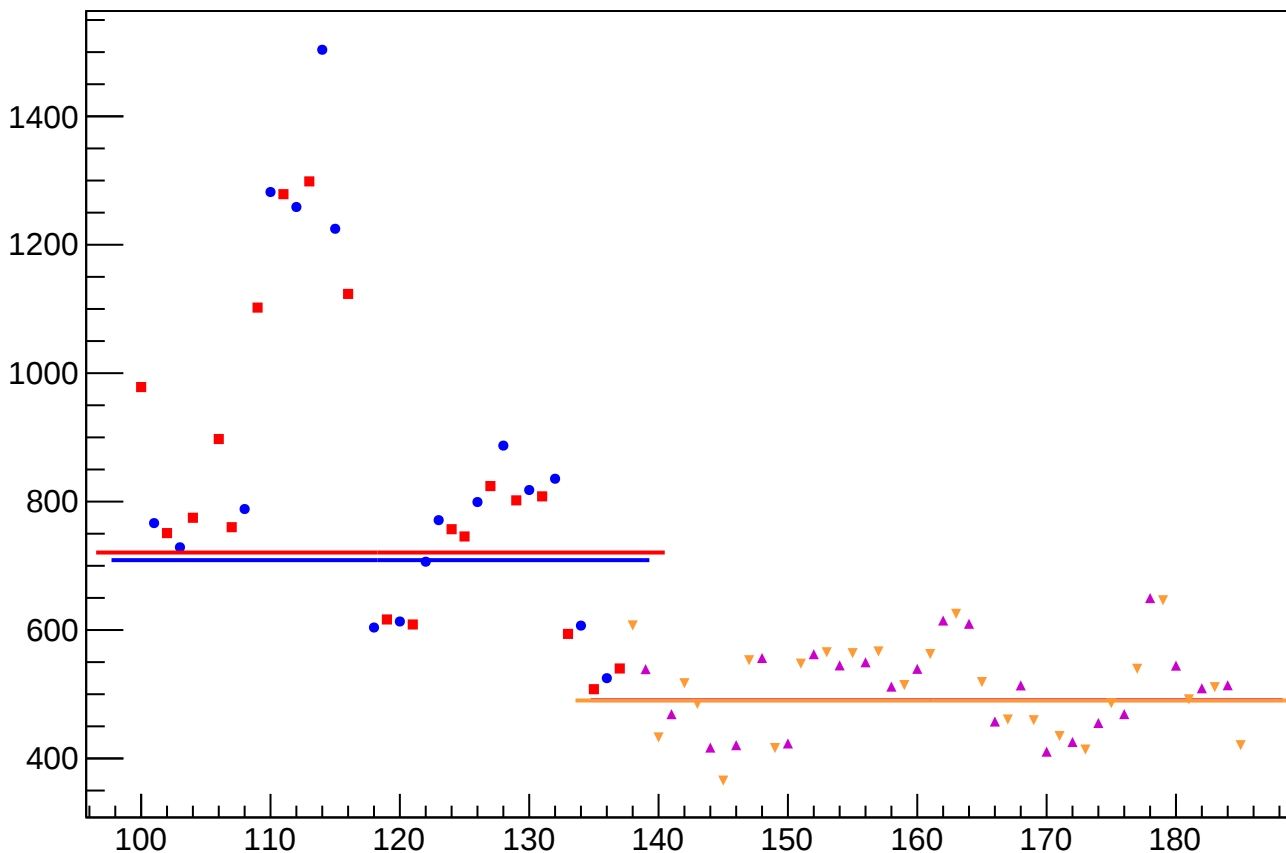
Left In: 123.017 ± 118.849 χ^2/NDF : 29.3/22

+ sign 367.786 ± 107.177 χ^2/NDF : 53.1/41

All: 255.753 ± 76.563 χ^2/NDF : 100.6/83

- sign 139.003 ± 109.411 χ^2/NDF : 45.2/41

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 708.820 $\pm$ 0.201 χ^2 /NDF: 793495.1/16

Left Out: 490.254 $\pm$ 0.082 χ^2 /NDF: 750209.3/24

Right Out: 720.682 $\pm$ 0.198 χ^2 /NDF: 901856.3/18

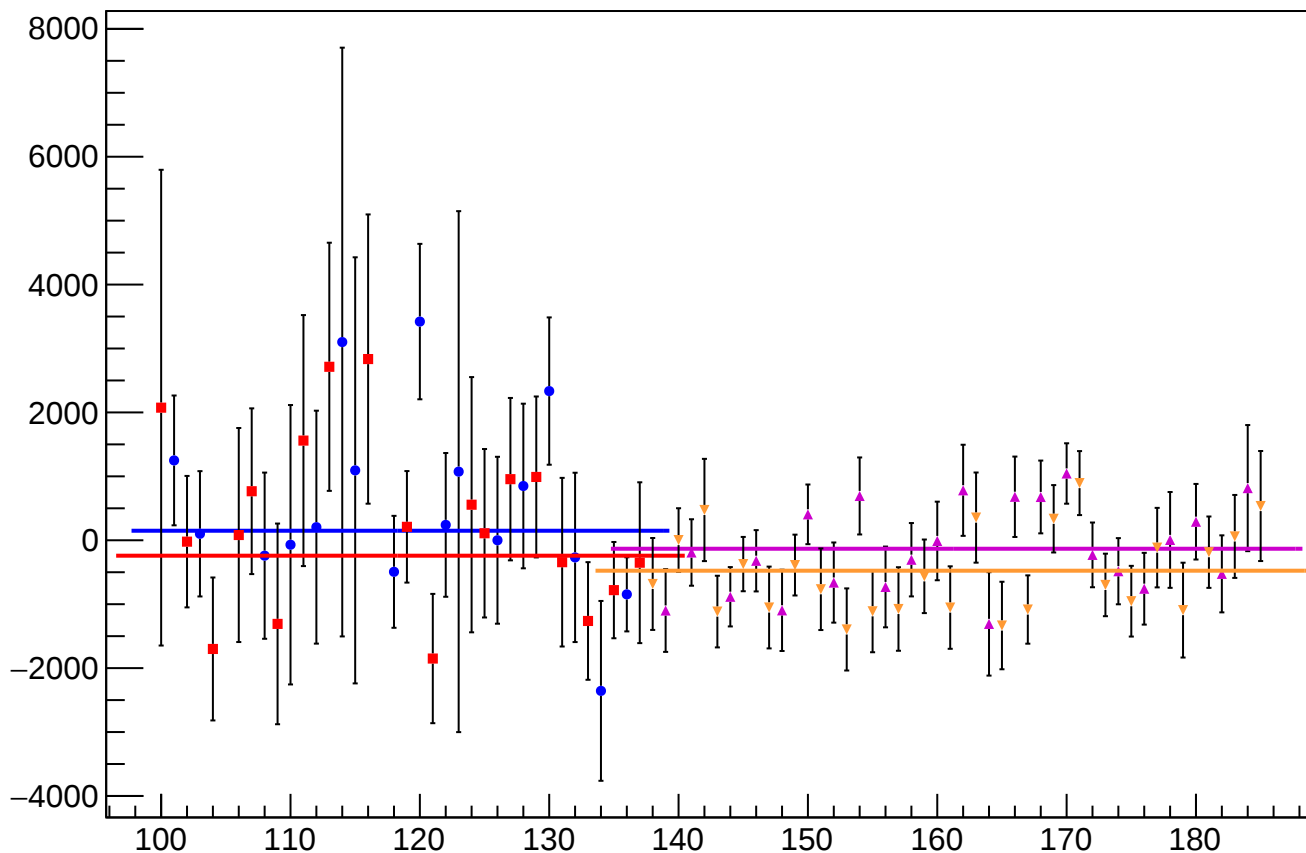
Left In: 490.910 $\pm$ 0.084 χ^2 /NDF: 589235.5/22

+ sign 521.324 $\pm$ 0.076 χ^2 /NDF: 2557983.0/41

All: 523.592 $\pm$ 0.054 χ^2 /NDF: 5191104.4/83

- sign 525.956 $\pm$ 0.077 χ^2 /NDF: 2631291.9/41

asym_sam_26_48_dd_mean vs Slug



Right In: 149.114 ± 287.749 χ^2/NDF : 19.7/16

Left Out: -476.049 ± 117.671 χ^2/NDF : 28.0/24

Right Out: -241.208 ± 283.783 χ^2/NDF : 14.9/18

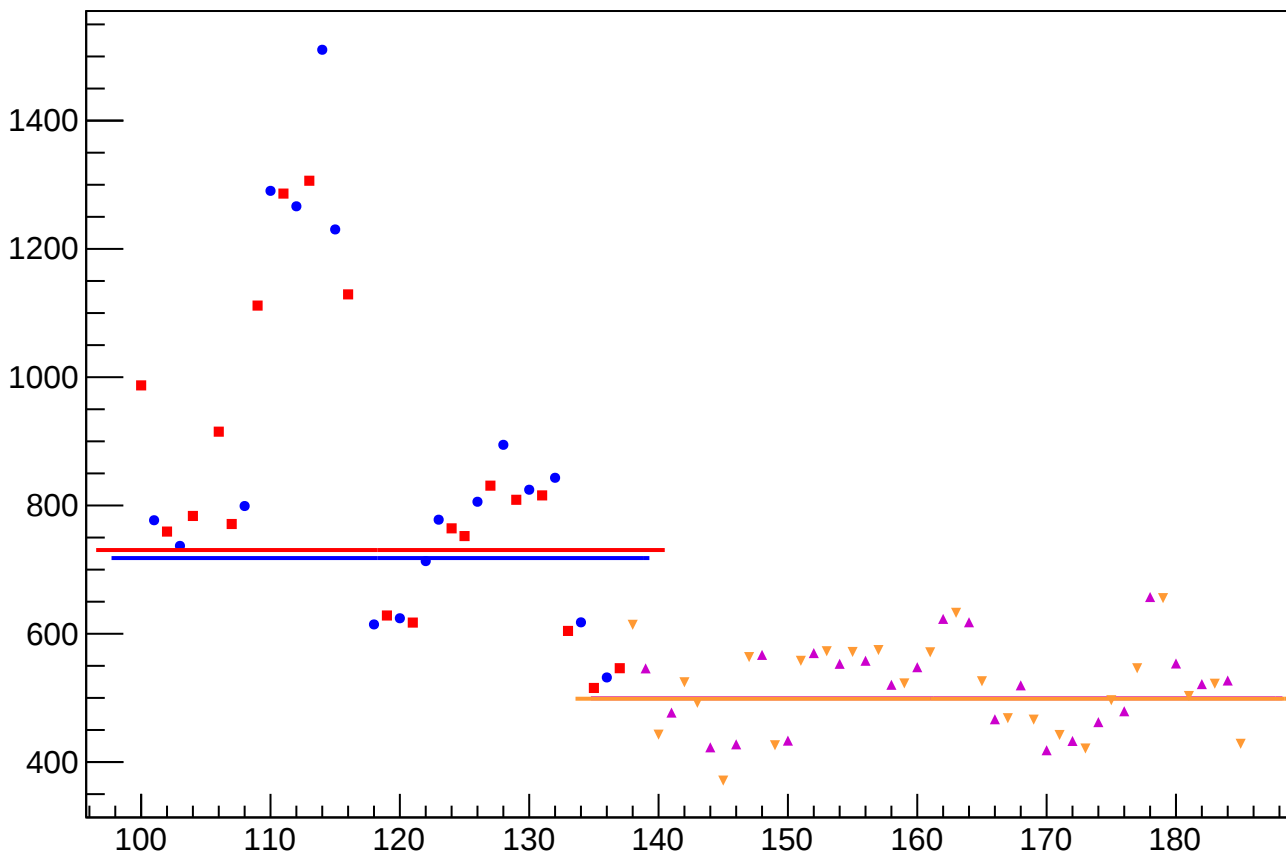
Left In: -132.543 ± 120.866 χ^2/NDF : 29.5/22

+ sign -386.483 ± 108.916 χ^2/NDF : 51.7/41

All: -270.317 ± 77.810 χ^2/NDF : 98.6/83

- sign -149.228 ± 111.200 χ^2/NDF : 44.6/41

asym_sam_26_48_dd_rms vs Slug



Right In: 718.014 $\pm$ 0.203 χ^2 /NDF: 778471.9/16

Left Out: 498.741 $\pm$ 0.083 χ^2 /NDF: 734229.5/24

Right Out: 730.544 $\pm$ 0.201 χ^2 /NDF: 883666.2/18

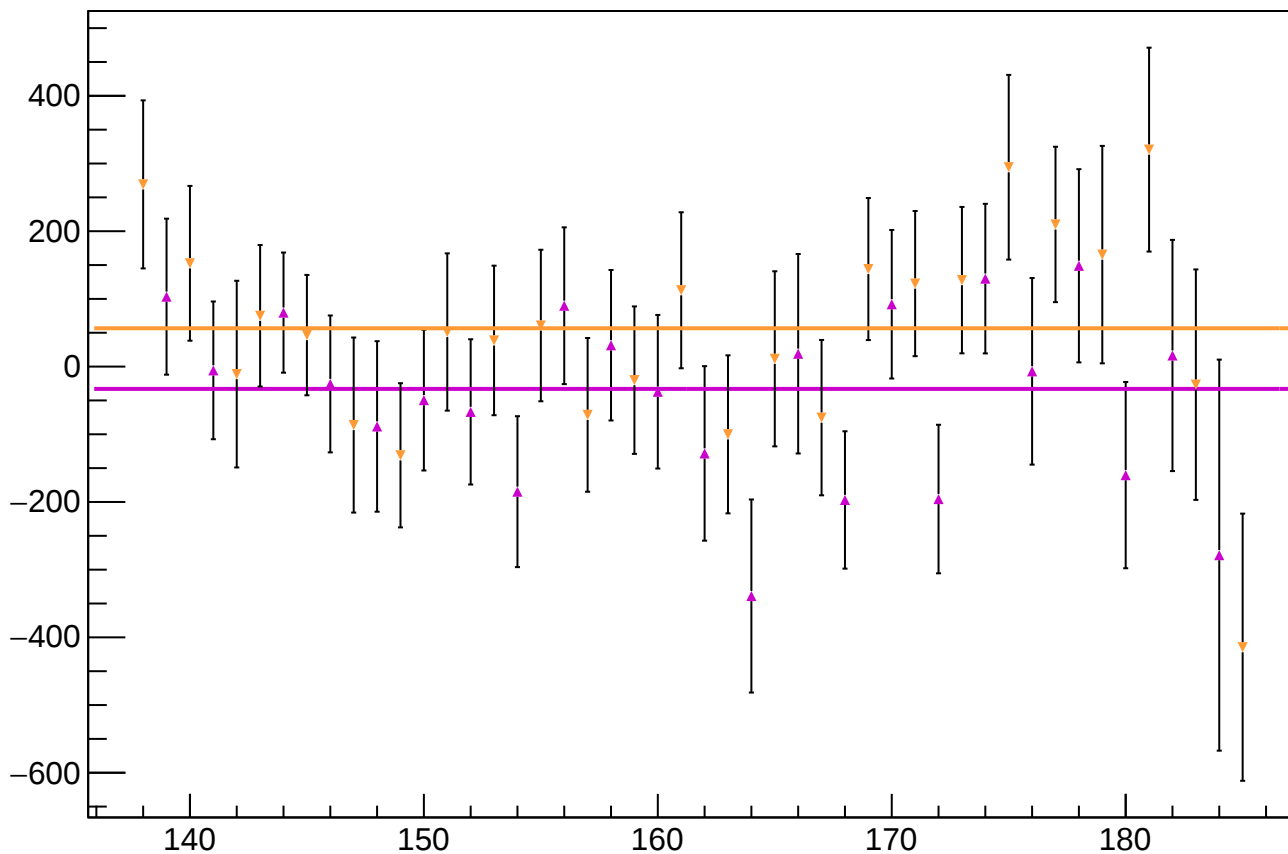
Left In: 499.393 $\pm$ 0.085 χ^2 /NDF: 576539.2/22

+ sign 530.156 $\pm$ 0.077 χ^2 /NDF: 2507682.3/41

All: 532.472 $\pm$ 0.055 χ^2 /NDF: 5092916.2/83

- sign 534.885 $\pm$ 0.079 χ^2 /NDF: 2583387.8/41

reg_asym_sam_1548_avg_mean vs Slug



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

Left Out: 56.625 $\pm$ 23.715 χ^2 /NDF:29.3/24

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

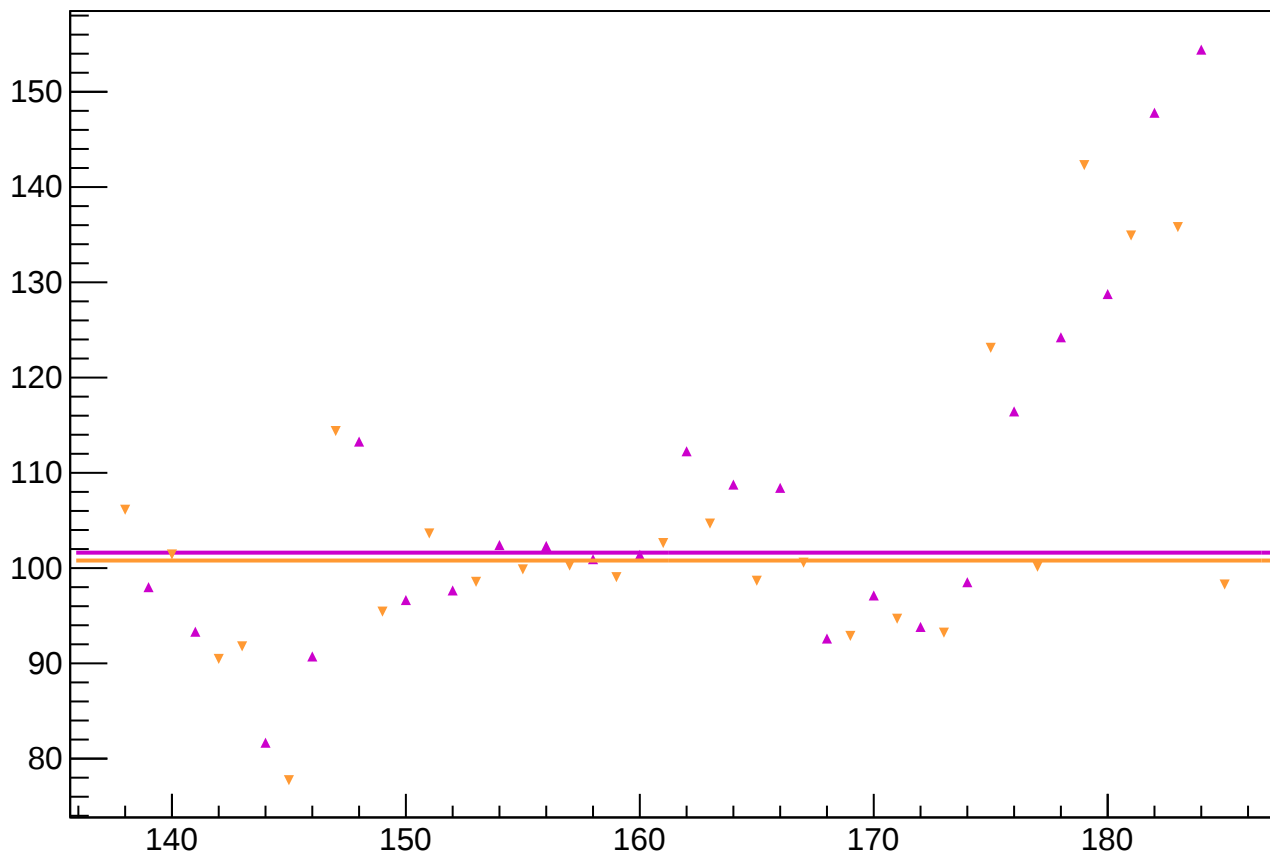
Left In: -32.948 $\pm$ 24.587 χ^2 /NDF:23.6/22

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

All: 13.455 $\pm$ 17.069 χ^2 /NDF: 59.8/47

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

reg_asym_sam_1548_avg_rms vs Slug



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

Left Out: 100.796+/-0.017 χ^2/NDF : 599858.8/24

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

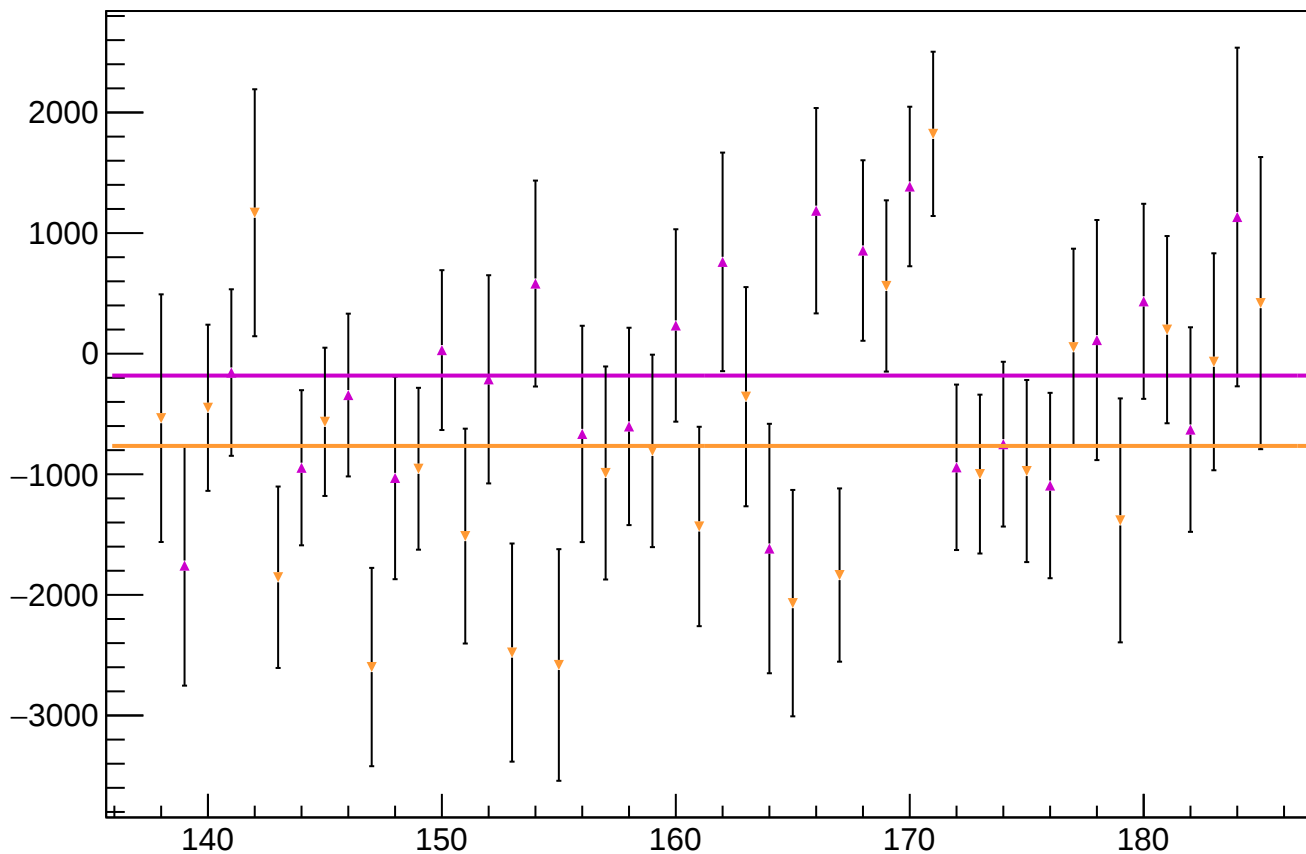
Left In: 101.622+/-0.017 χ^2/NDF : 582329.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.194+/-0.012 χ^2/NDF : 1183358.0/47

- 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: -764.831+/-161.082 χ^2/NDF : 46.6/24

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

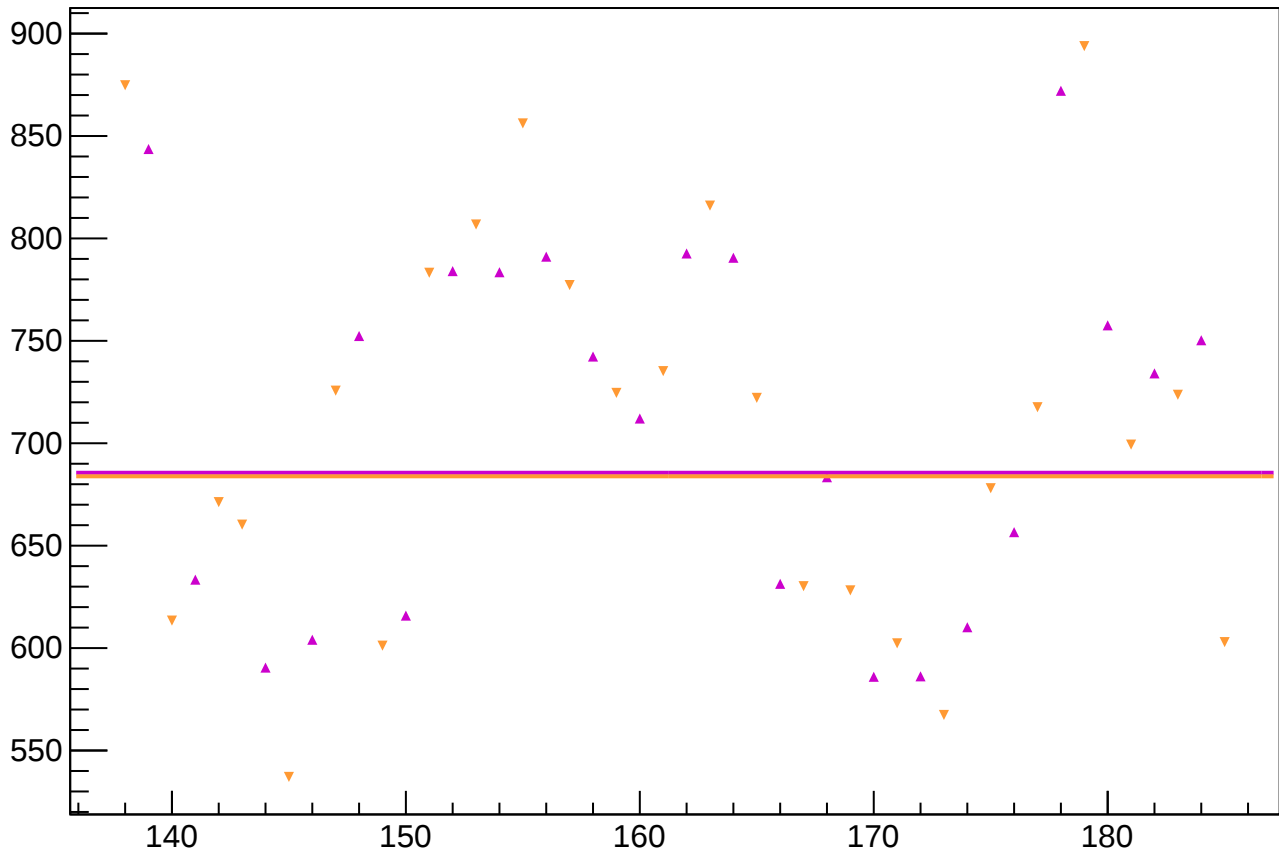
Left In: -181.584+/-165.671 χ^2/NDF : 25.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -481.397+/-115.490 χ^2/NDF : 78.0/47

- 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: 683.864+/-0.114 χ^2/NDF : 667054.0/24

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

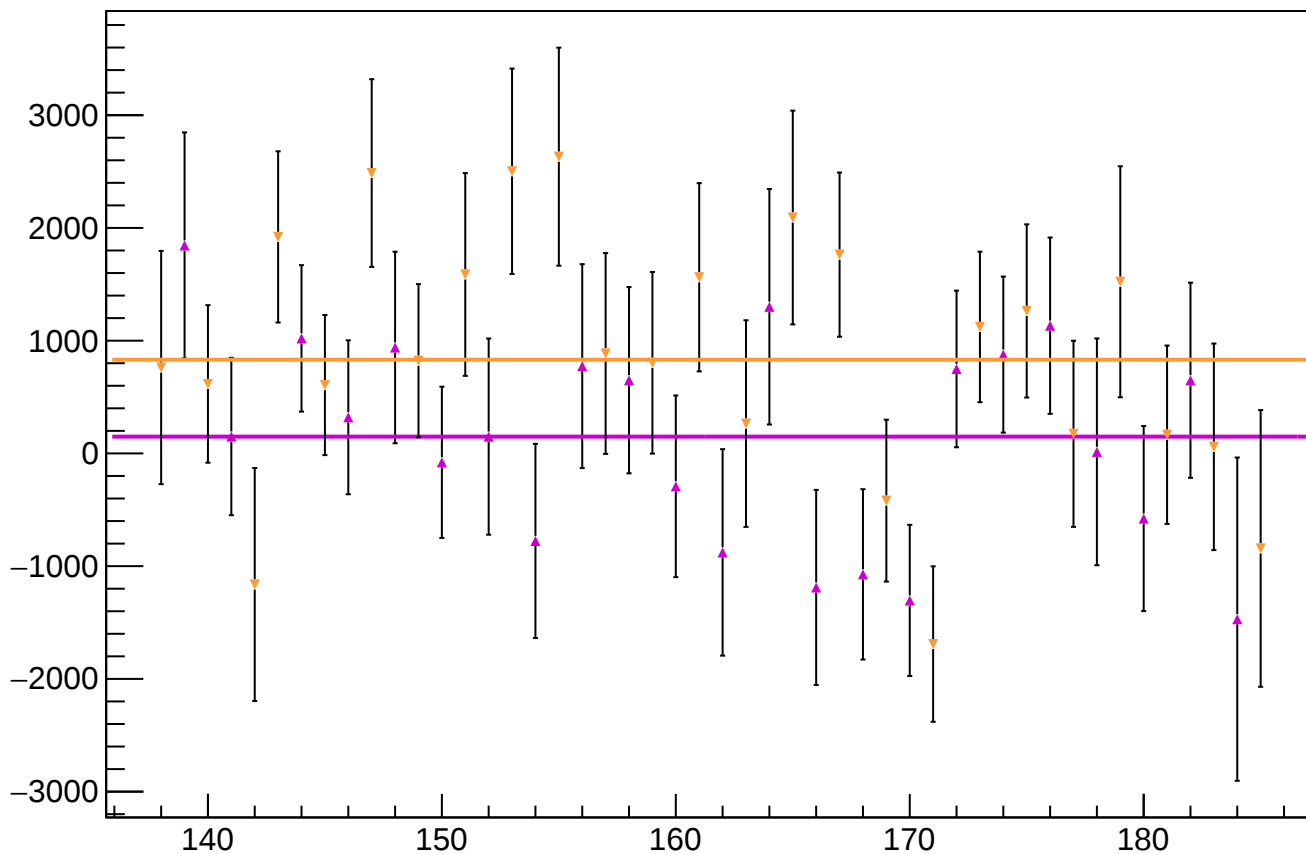
Left In: 685.593+/-0.117 χ^2/NDF : 529353.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.704+/-0.082 χ^2/NDF : 1196519.6/47

- 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: 831.076+/-162.981 χ^2/NDF : 43.3/24

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

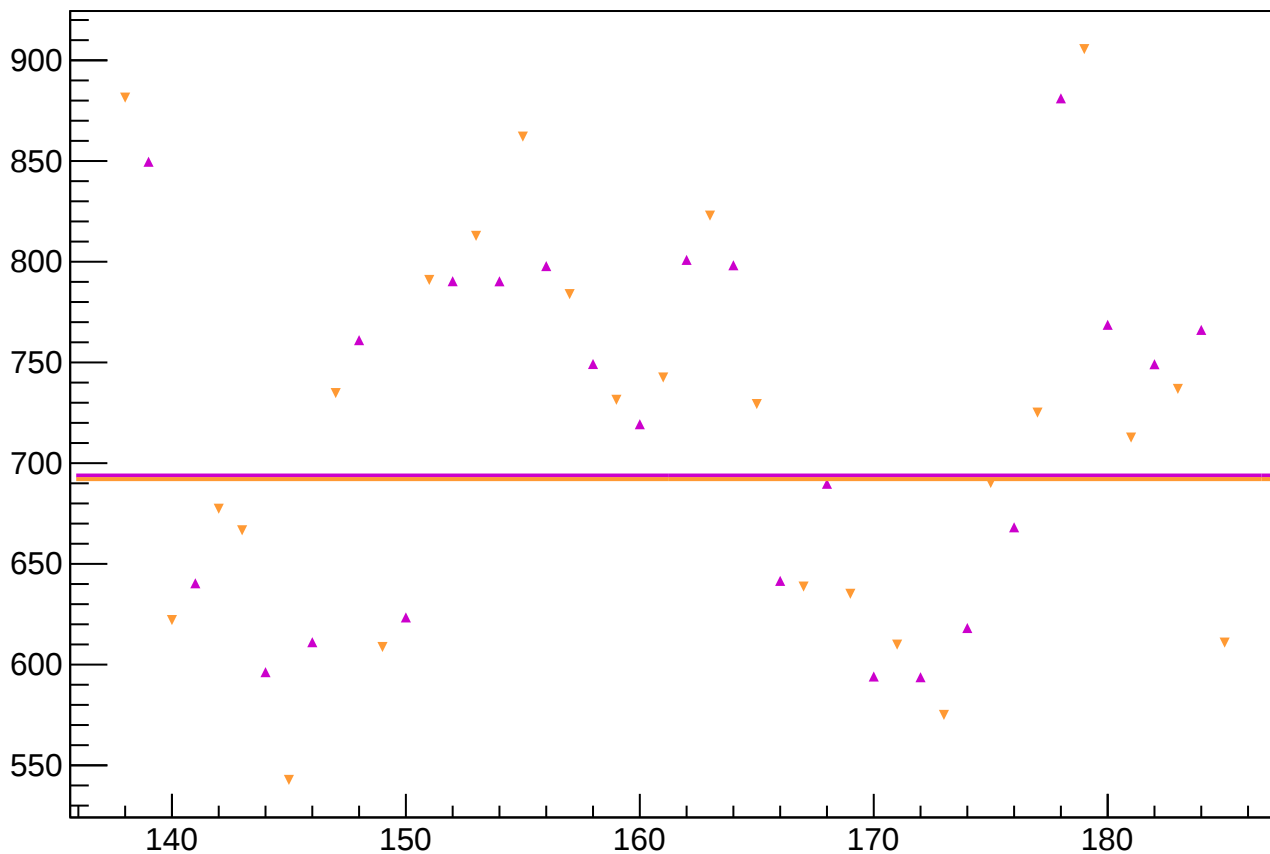
Left In: 148.814+/-167.644 χ^2/NDF : 26.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.567+/-116.859 χ^2/NDF : 77.9/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



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

Left Out: 692.075 $\pm$ 0.115 χ^2 /NDF: 657144.5/24

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

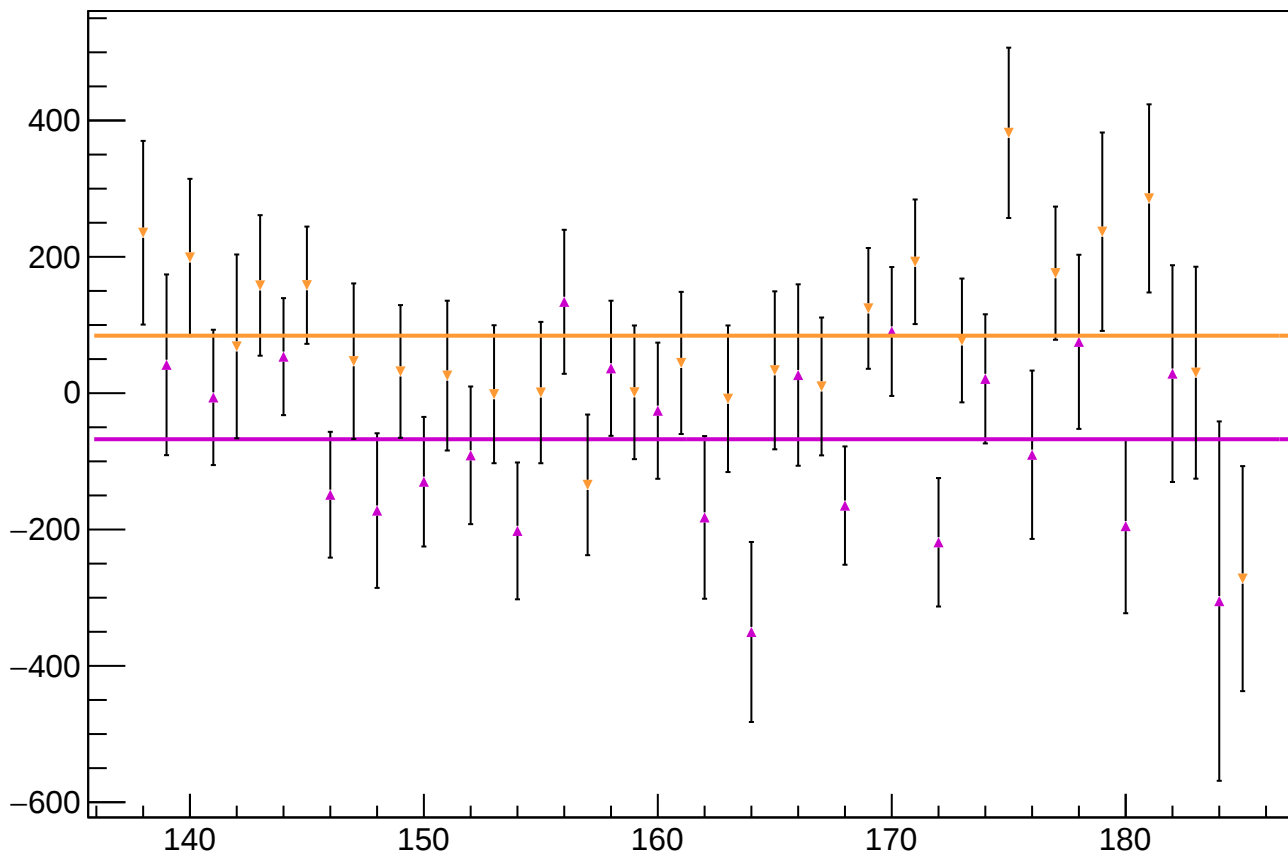
Left In: 693.867 $\pm$ 0.119 χ^2 /NDF: 522053.5/22

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

All: 692.946 $\pm$ 0.083 χ^2 /NDF: 1179315.4/47

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

reg_asym_sam_3748_avg_mean vs Slug



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

Left Out: 84.340 $\pm$ 21.644 χ^2 /NDF:28.6/24

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

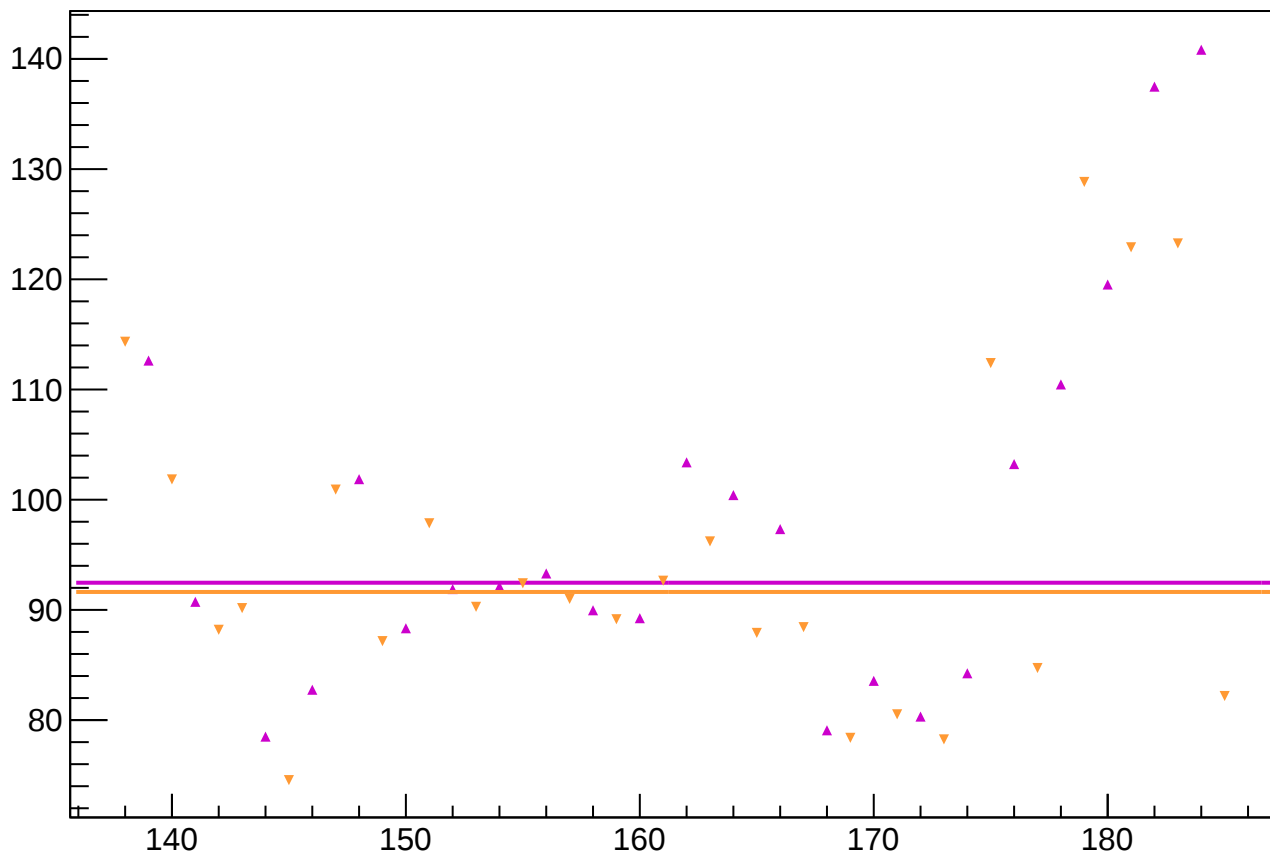
Left In: -67.552 $\pm$ 22.449 χ^2 /NDF:28.9/22

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

All: 11.166 $\pm$ 15.582 χ^2 /NDF: 81.2/47

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

reg_asym_sam_3748_avg_rms vs Slug



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

Left Out: 91.628+/-0.015 χ^2/NDF : 692417.5/24

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

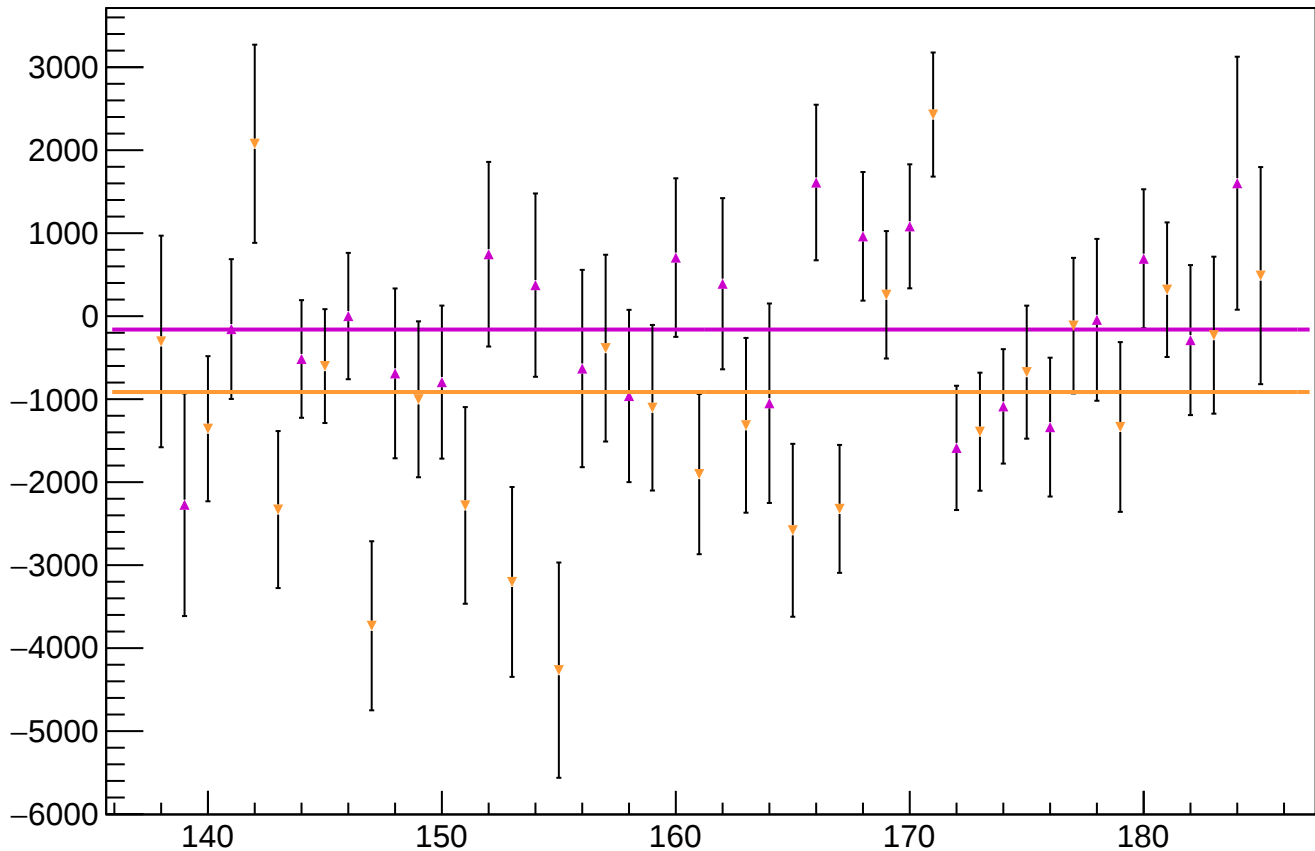
Left In: 92.466+/-0.016 χ^2/NDF : 655700.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.032+/-0.011 χ^2/NDF : 1349562.0/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -914.035 $\pm$ 185.360 χ^2 /NDF:64.2/24

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

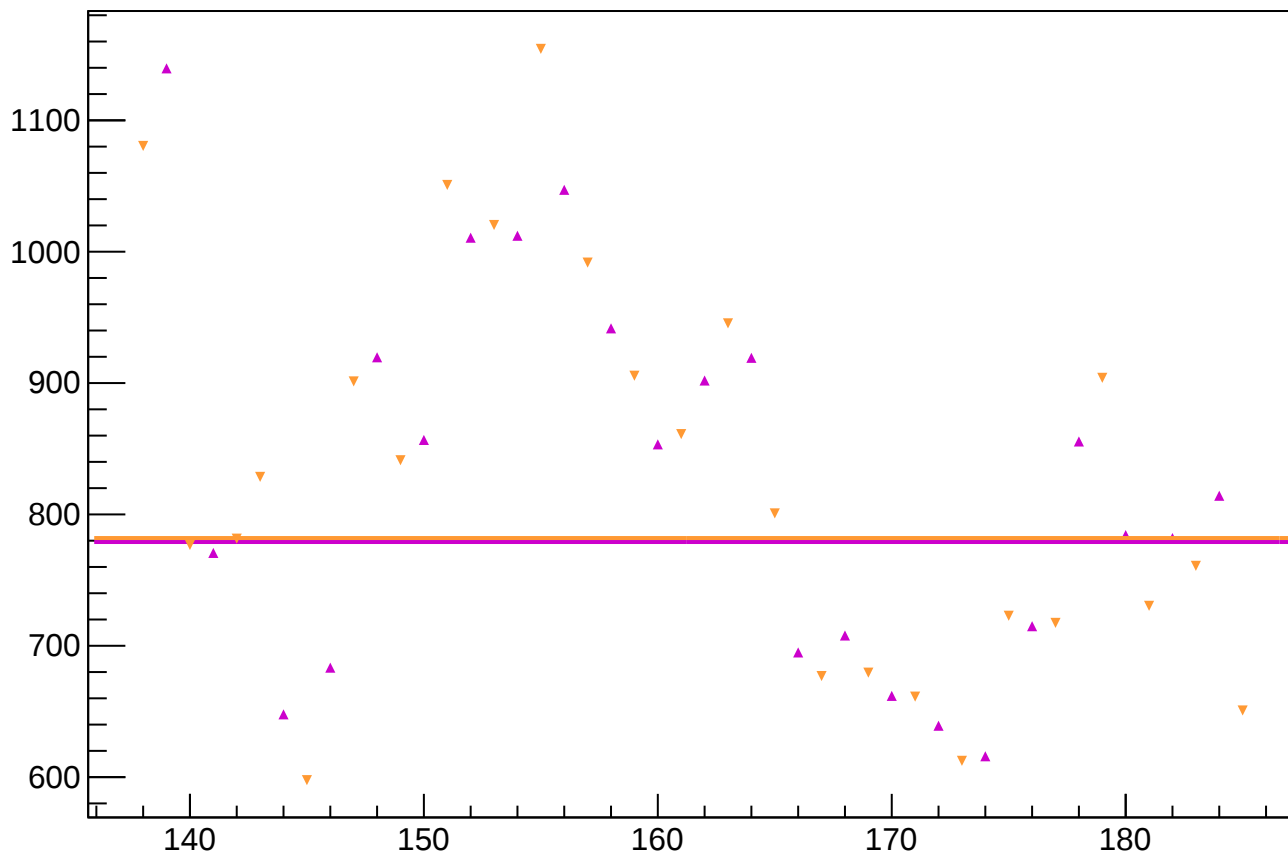
Left In: -161.076 $\pm$ 189.491 χ^2 /NDF:25.1/22

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

All: -545.851 $\pm$ 132.506 χ^2 /NDF: 97.3/47

- sign 0.000 $\pm$ 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: 782.023+/-0.131 χ^2/NDF : 1131034.8/24

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

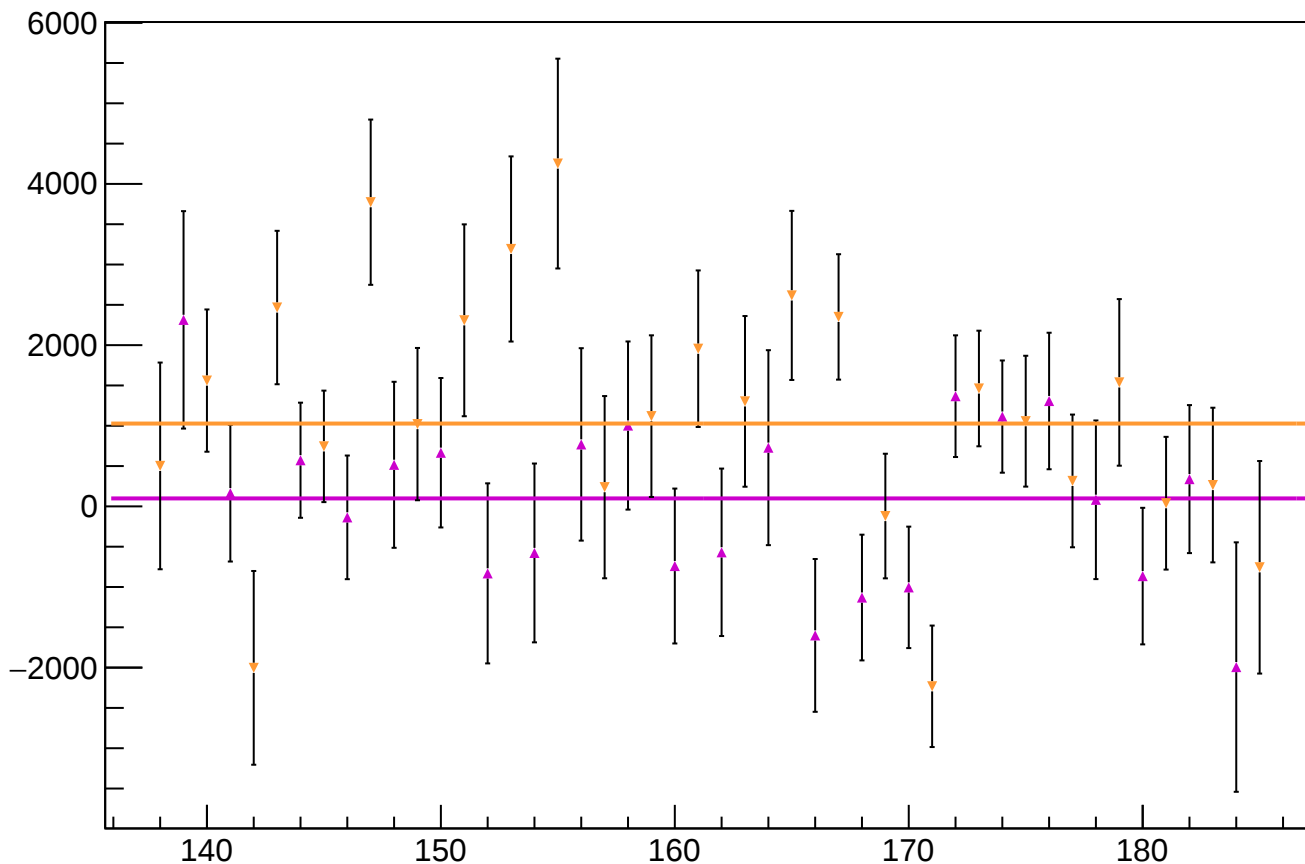
Left In: 778.995+/-0.134 χ^2/NDF : 980243.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.542+/-0.094 χ^2/NDF : 2111539.3/47

- 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: 1027.385+/-186.830 χ^2/NDF : 60.2/24

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

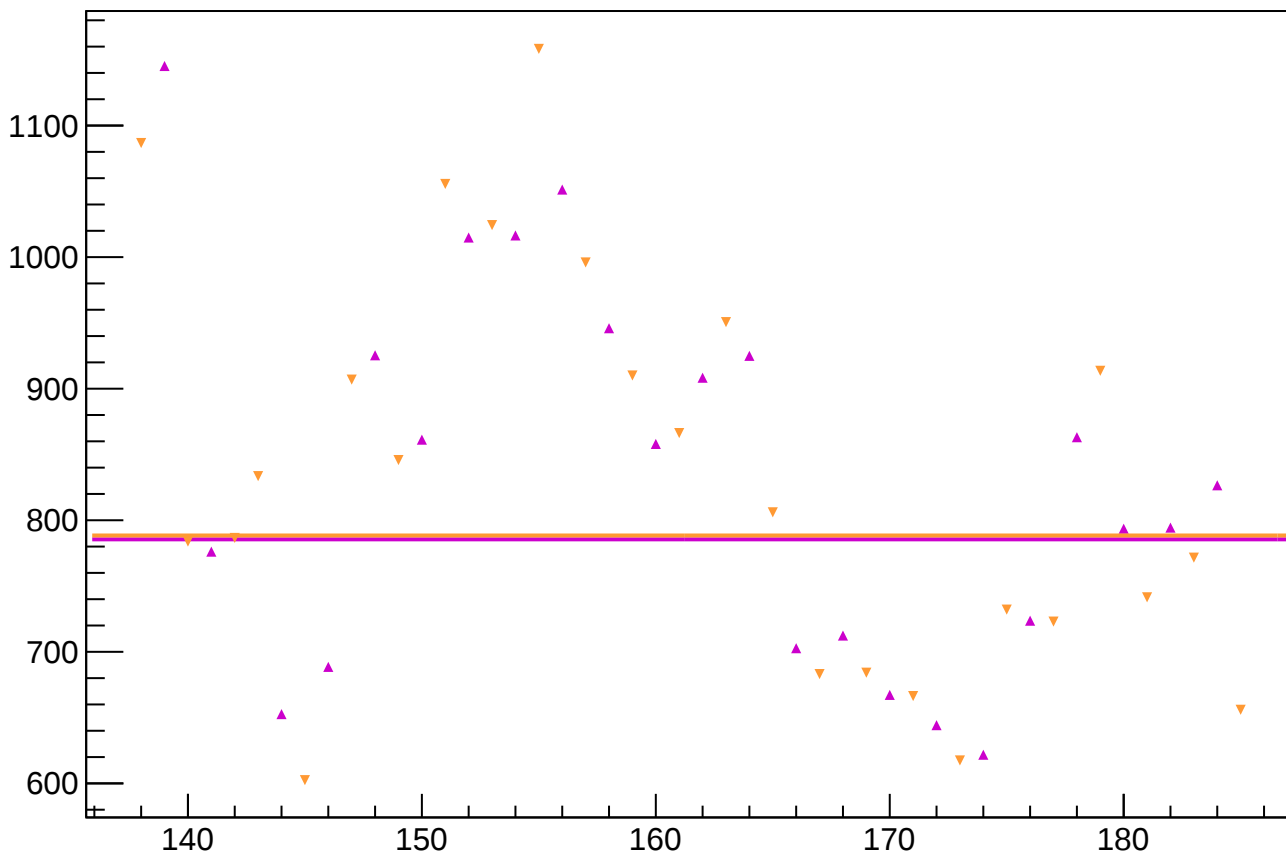
Left In: 98.691+/-191.027 χ^2/NDF : 25.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.353+/-133.568 χ^2/NDF : 97.7/47

- 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: 788.423+/-0.132 χ^2/NDF :1113781.1/24

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

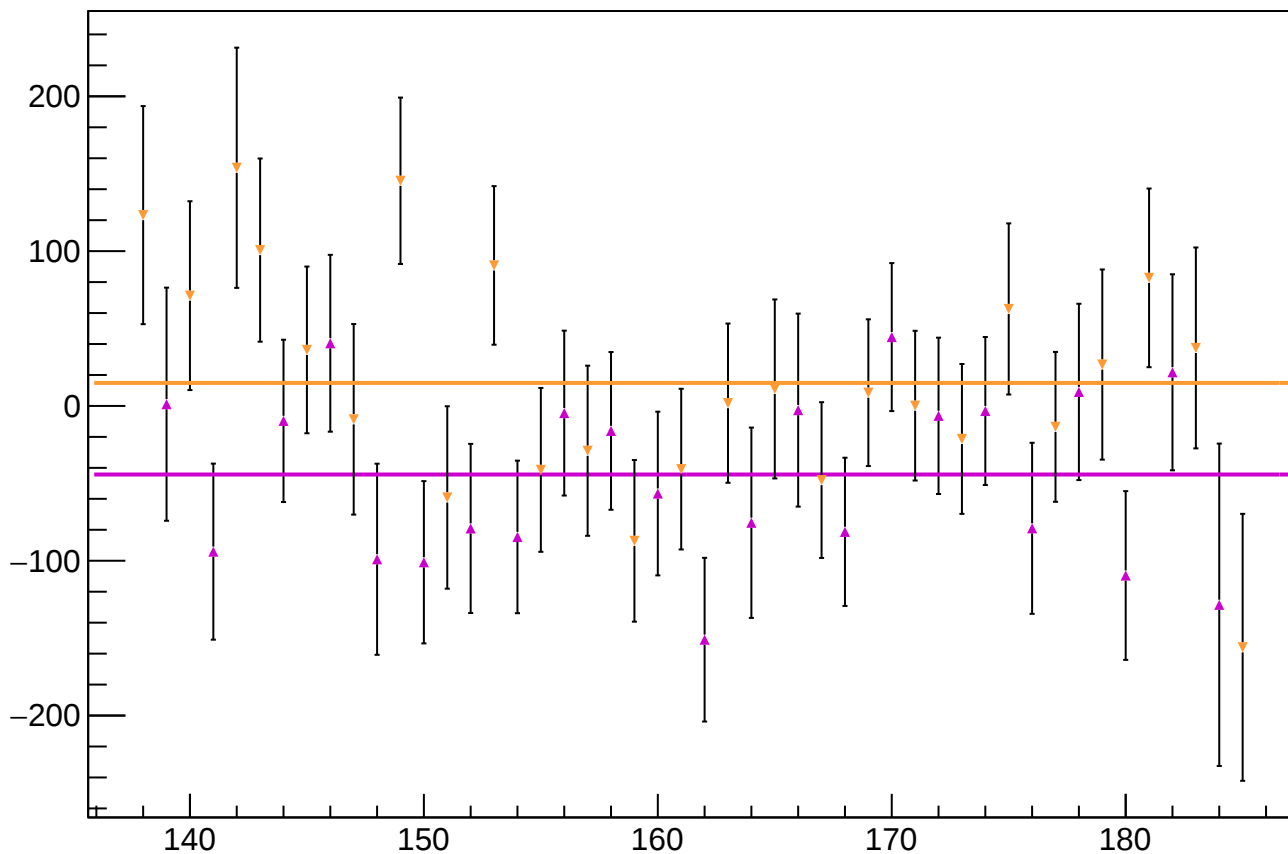
Left In: 785.490+/-0.135 χ^2/NDF :965338.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.989+/-0.094 χ^2/NDF : 2079360.9/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



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

Left Out: 14.858 $\pm$ 11.155 χ^2 /NDF:34.1/24

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

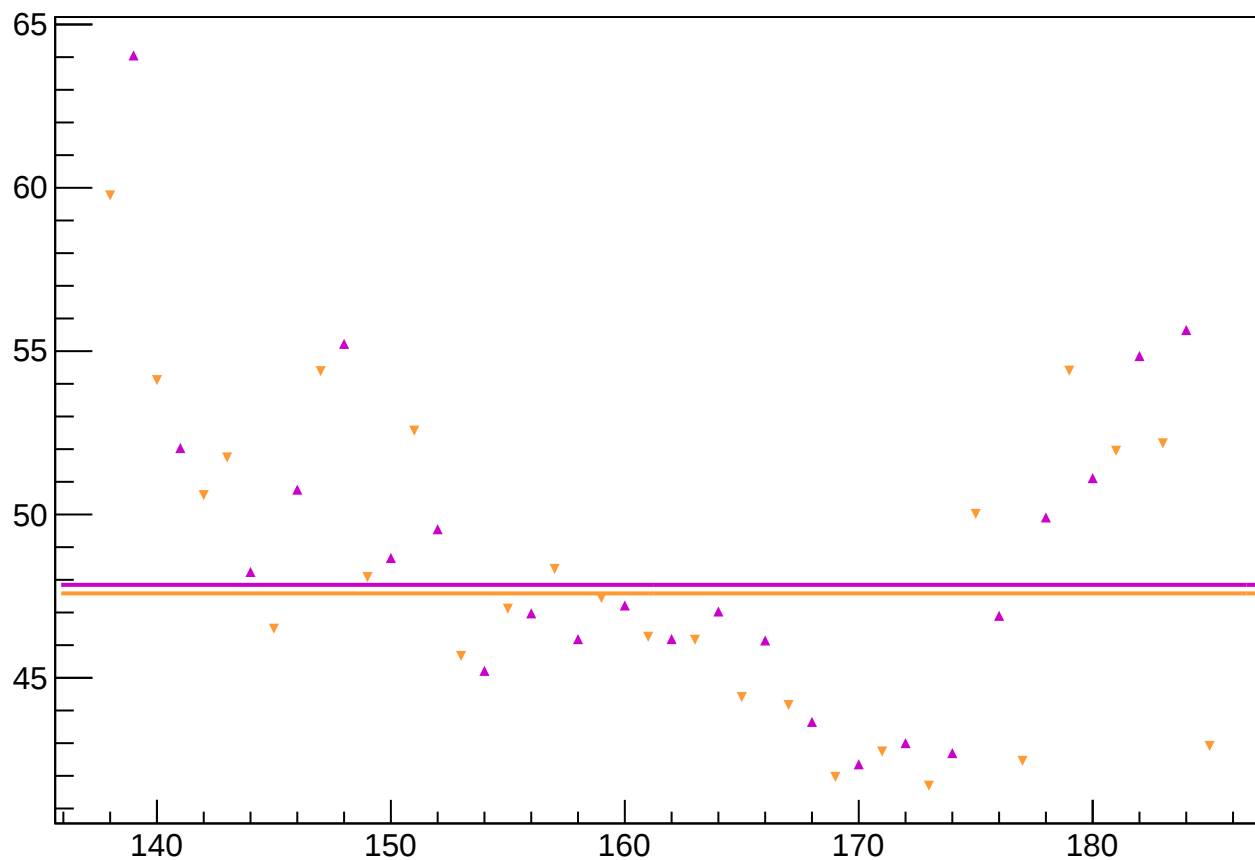
Left In: -44.297 $\pm$ 11.530 χ^2 /NDF:22.3/22

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

All: -13.744 $\pm$ 8.017 χ^2 /NDF: 70.0/47

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

reg_asym_sam_1526_avg_rms vs Slug



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

Left Out: 47.585+/-0.008 χ^2/NDF : 312738.8/24

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

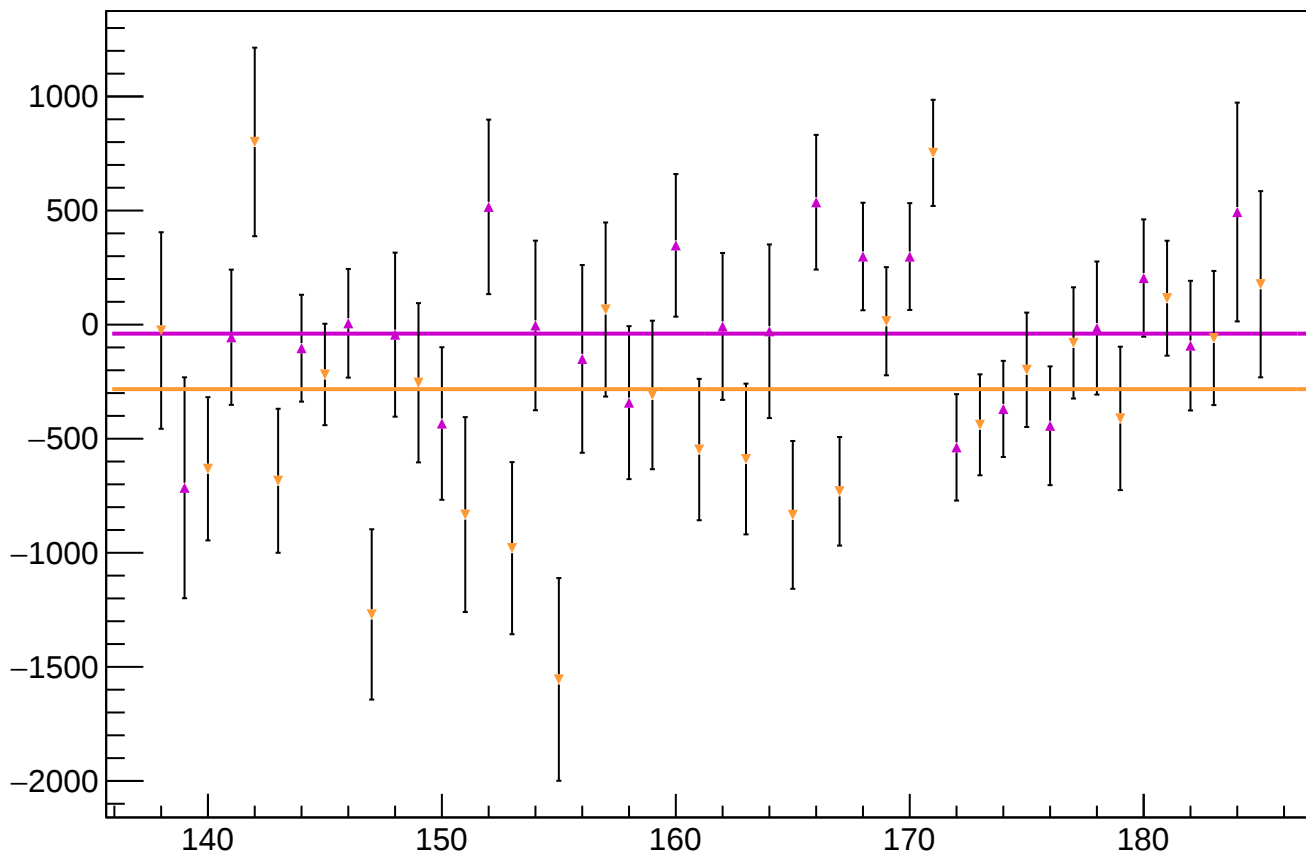
Left In: 47.846+/-0.008 χ^2/NDF : 281790.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.711+/-0.006 χ^2/NDF : 595059.1/47

- 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: -282.726+/-59.696 χ^2/NDF : 66.5/24

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

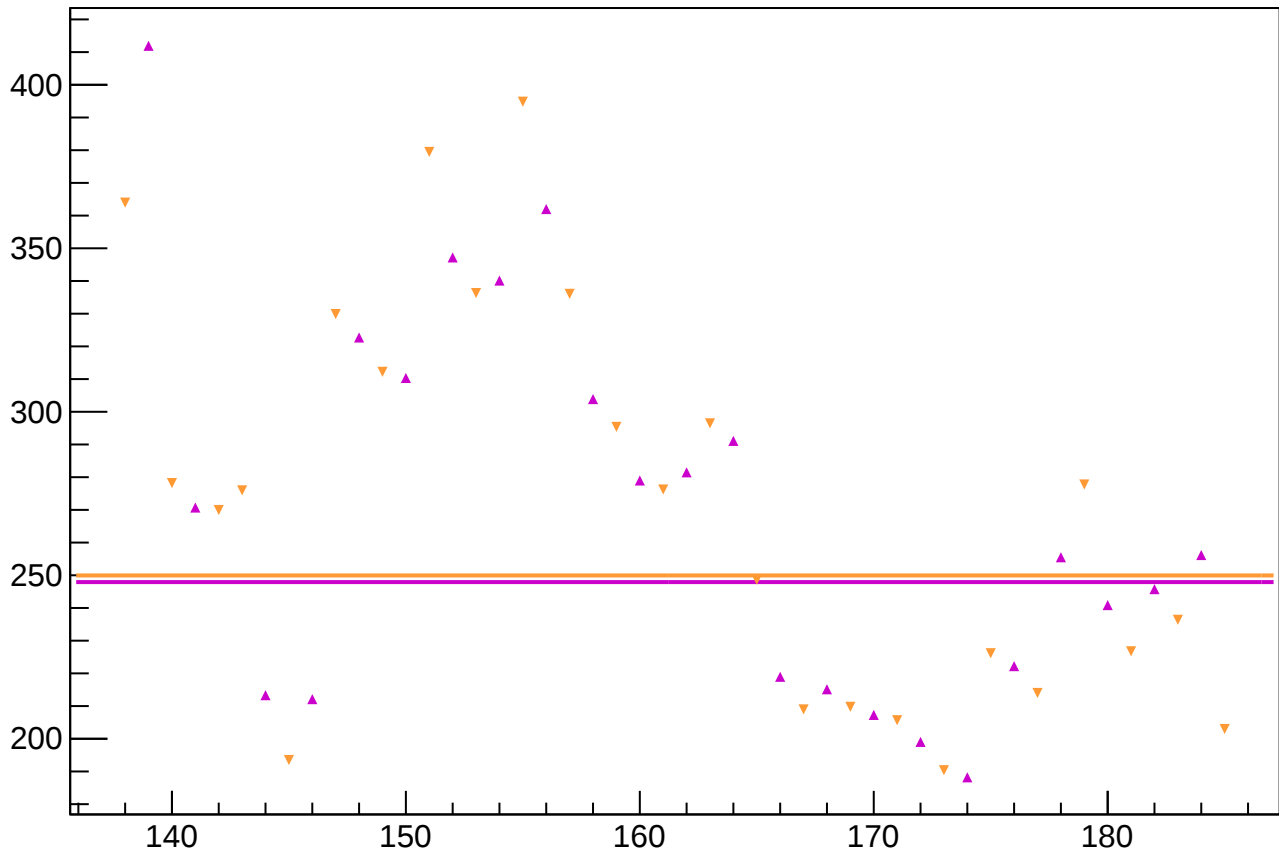
Left In: -39.432+/-60.759 χ^2/NDF : 27.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.224+/-42.582 χ^2/NDF : 102.2/47

- 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: 249.951+/-0.042 χ^2/NDF :1614308.8/24

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

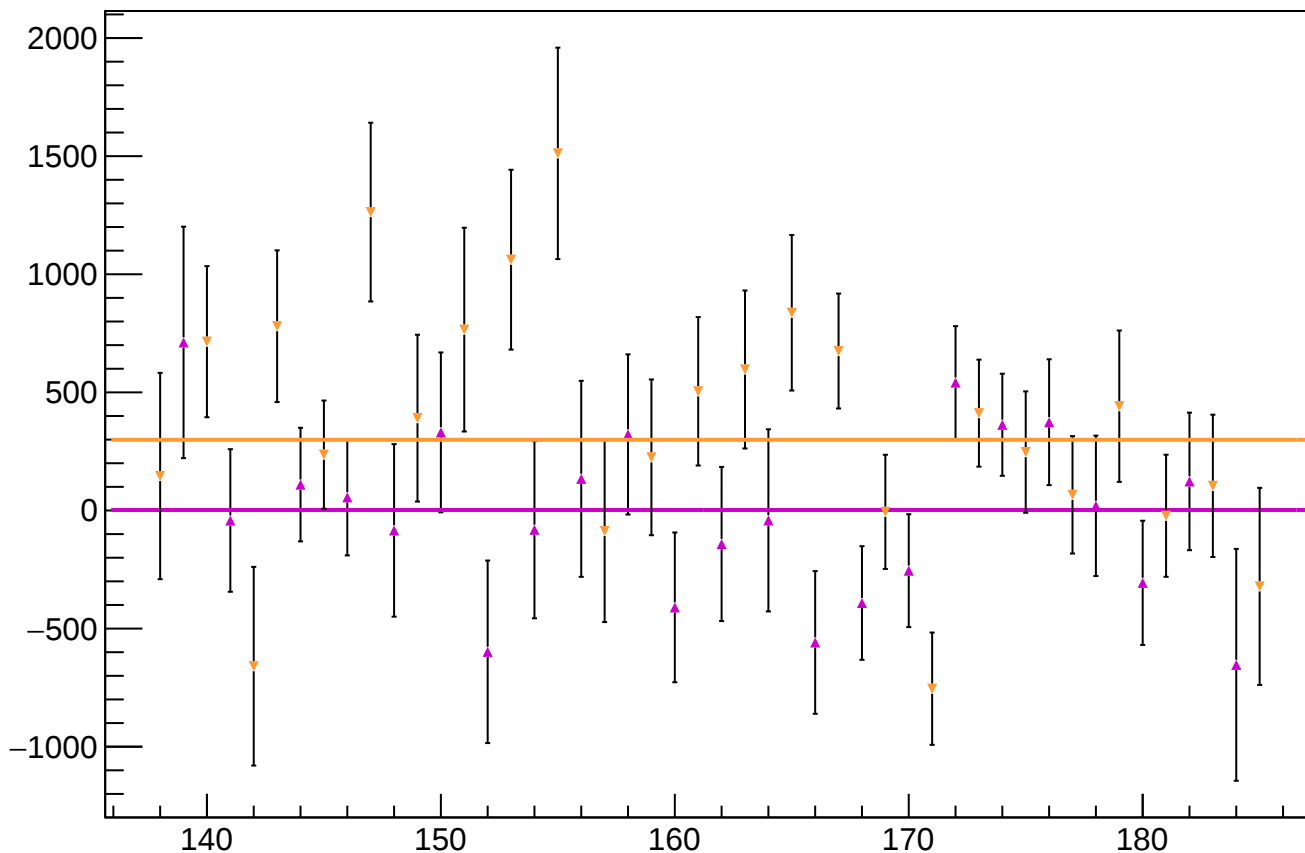
Left In: 247.917+/-0.043 χ^2/NDF :1410847.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.952+/-0.030 χ^2/NDF : 3026296.9/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 299.216 $\pm$ 60.866 χ^2 /NDF:62.5/24

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

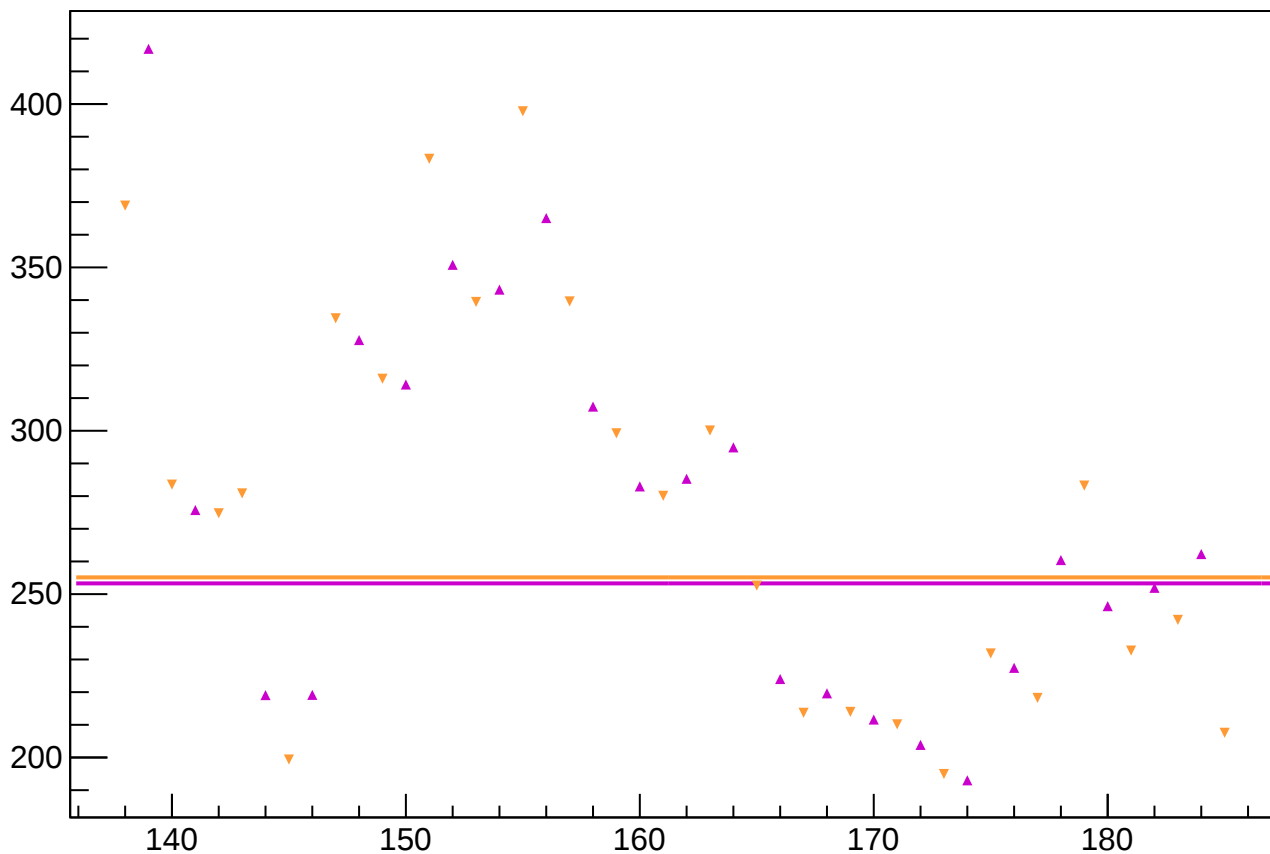
Left In: 2.185 $\pm$ 62.005 χ^2 /NDF:29.2/22

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

All: 153.452 $\pm$ 43.436 χ^2 /NDF: 103.4/47

- sign 0.000 $\pm$ 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: 255.130+/-0.043 χ^2/NDF :1542134.1/24

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

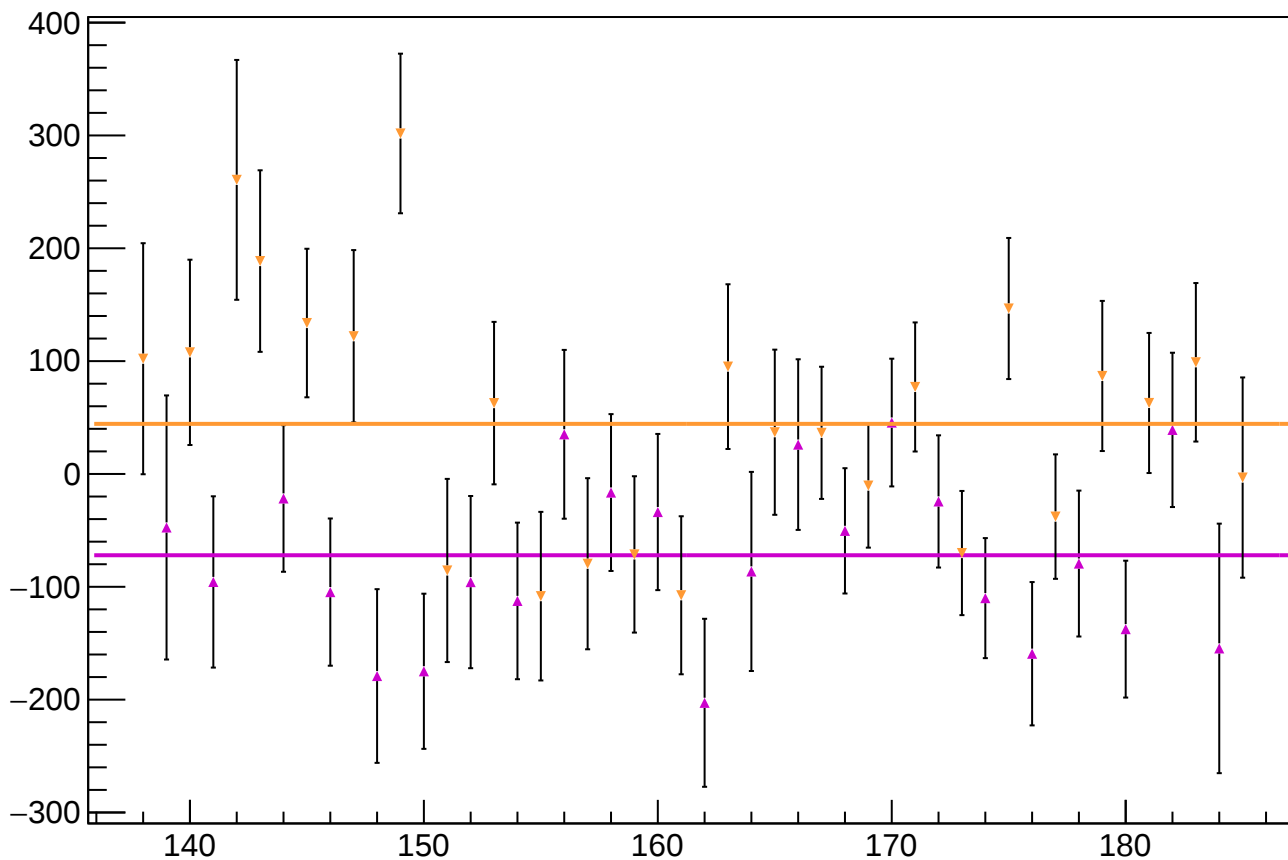
Left In: 253.287+/-0.044 χ^2/NDF :1341662.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.226+/-0.031 χ^2/NDF : 2884695.8/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



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

Left Out: 44.398 $\pm$ 13.826 χ^2 /NDF:53.8/24

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

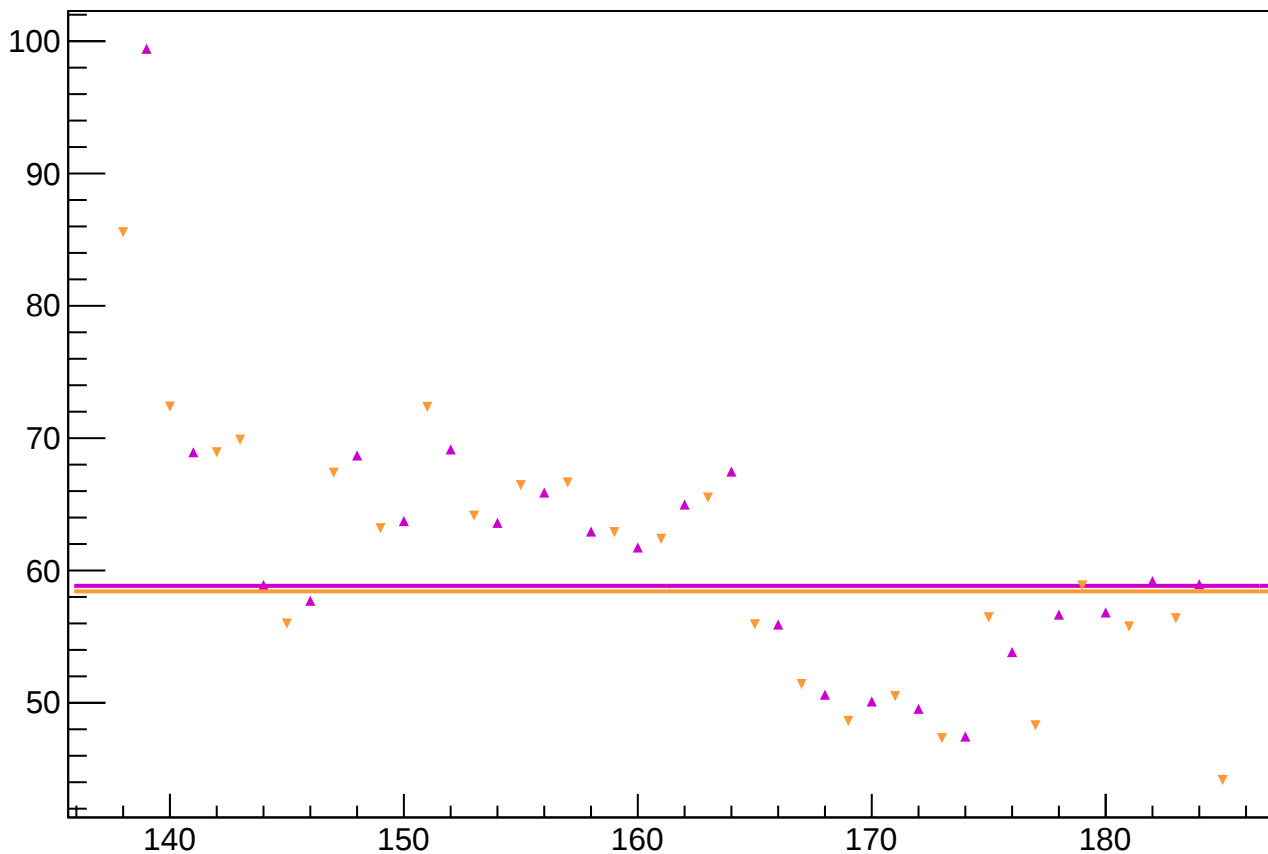
Left In: -72.037 $\pm$ 14.296 χ^2 /NDF:25.3/22

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

All: -11.872 $\pm$ 9.939 χ^2 /NDF: 113.4/47

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

reg_asym_sam_3726_avg_rms vs Slug



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

Left Out: 58.422+/-0.010 χ^2/NDF : 790134.0/24

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

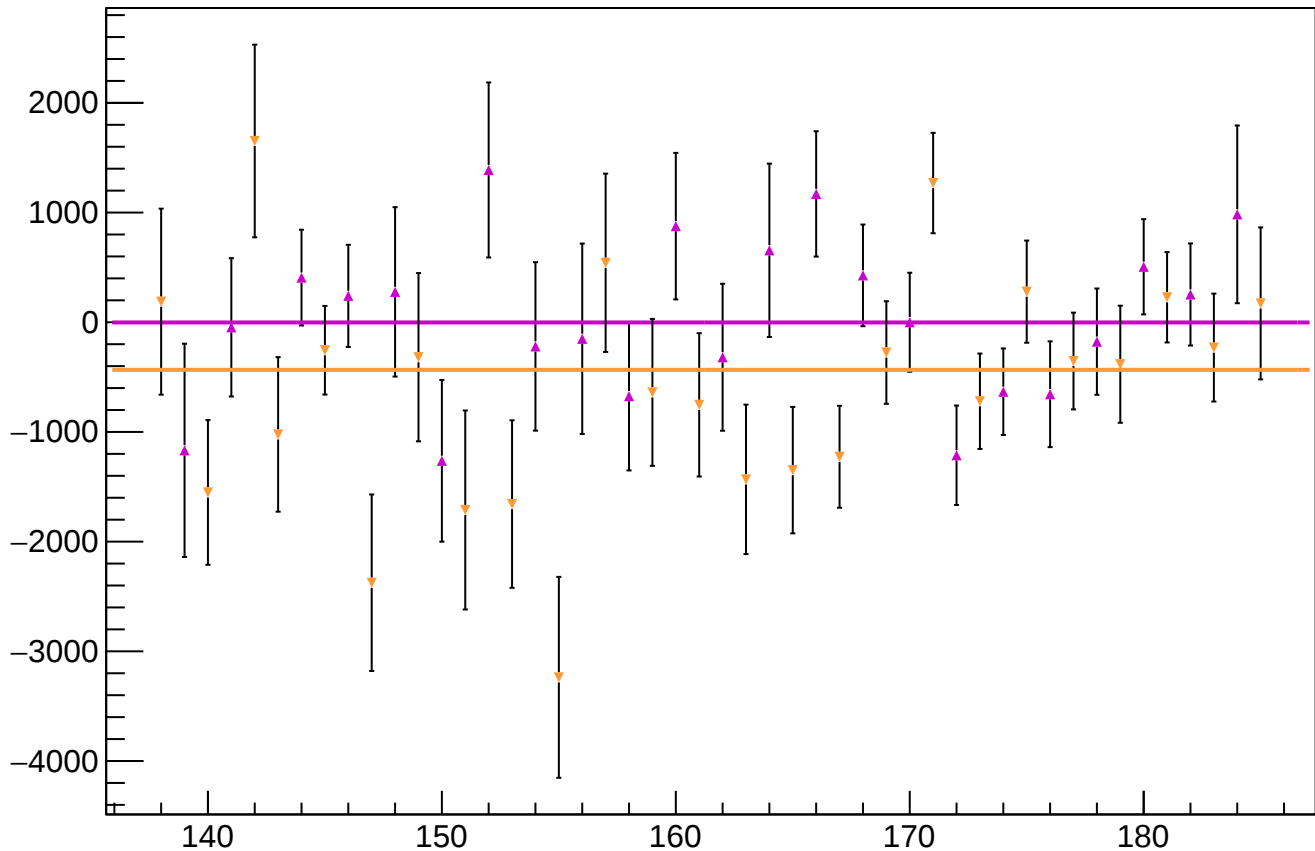
Left In: 58.840+/-0.010 χ^2/NDF : 679925.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.624+/-0.007 χ^2/NDF : 1470941.9/47

- 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: -433.473 $\pm$ 114.423 χ^2 /NDF:59.3/24

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

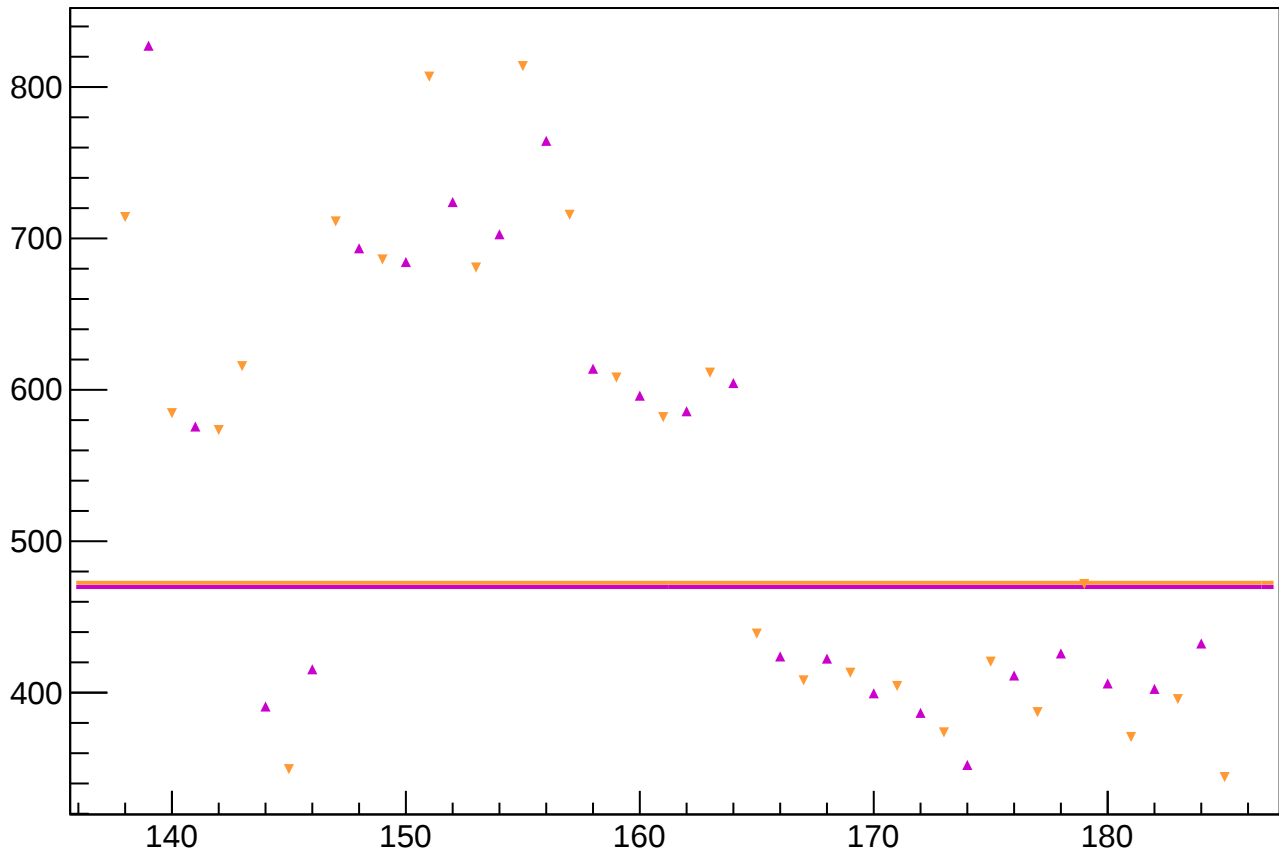
Left In: -1.825 $\pm$ 116.459 χ^2 /NDF:32.3/22

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

All: -221.455 $\pm$ 81.619 χ^2 /NDF: 98.6/47

- 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: 472.566+/-0.081 χ^2/NDF :2508462.0/24

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

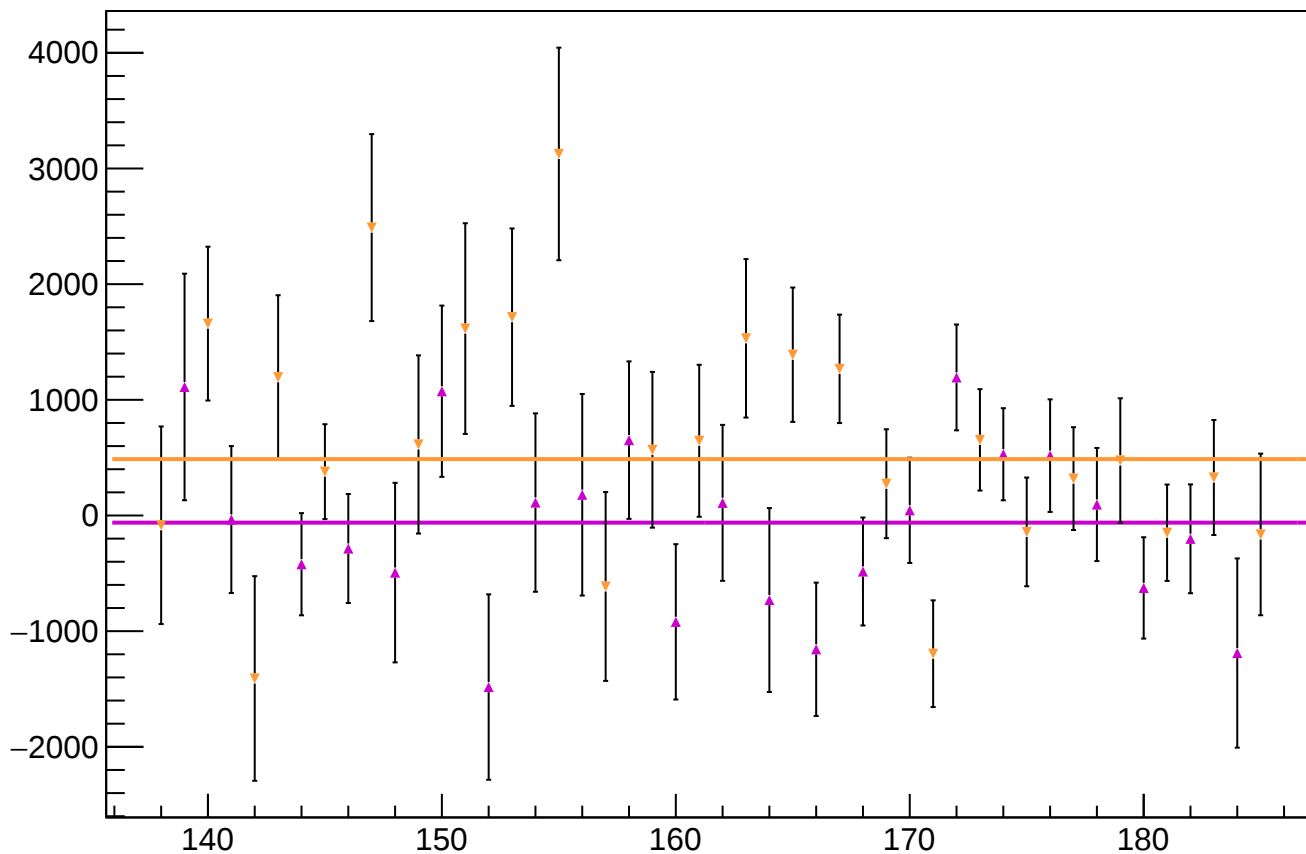
Left In: 469.761+/-0.082 χ^2/NDF :2116885.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.189+/-0.058 χ^2/NDF : 4625938.1/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_mean vs Slug



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

Left Out: 487.561 $\pm$ 115.361 χ^2 /NDF:56.0/24

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

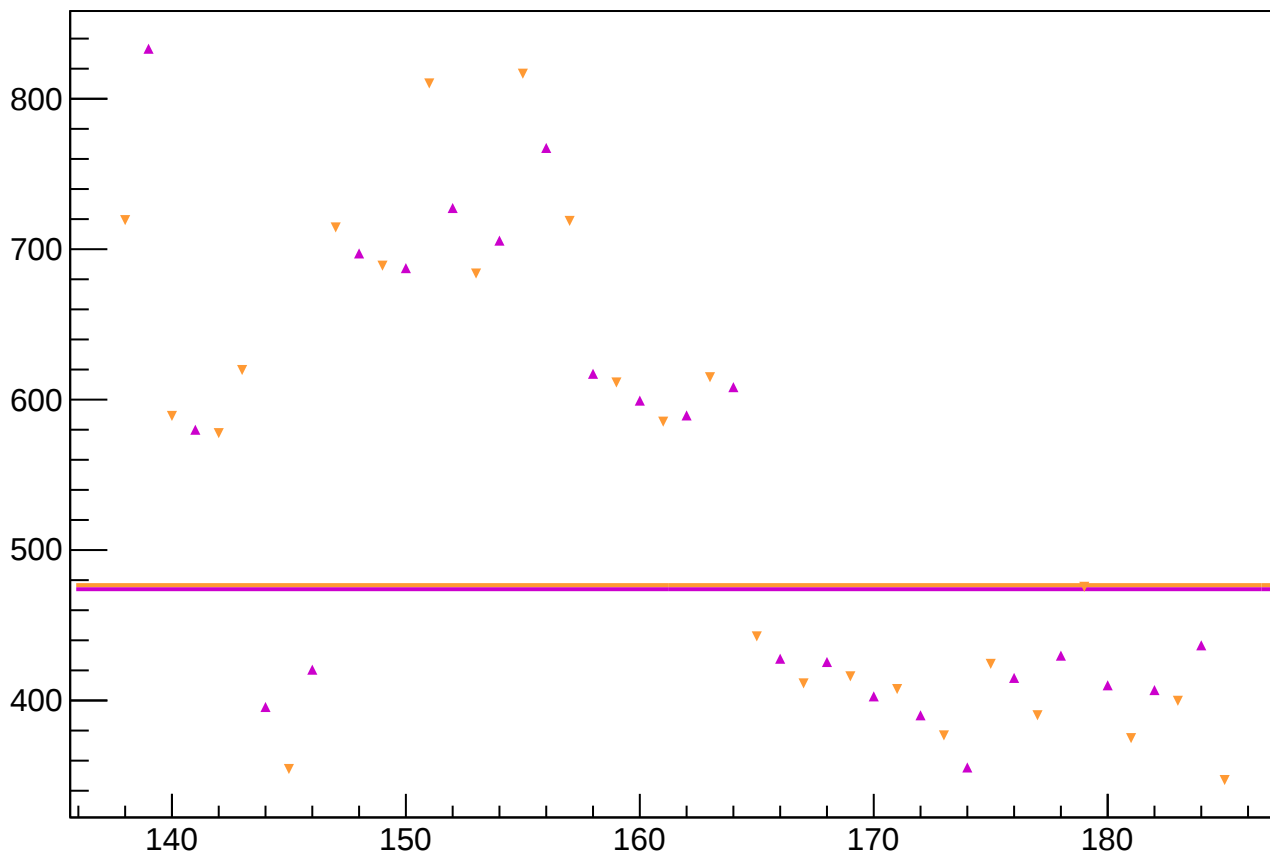
Left In: -61.775 $\pm$ 117.449 χ^2 /NDF:31.2/22

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

All: 217.819 $\pm$ 82.301 χ^2 /NDF: 98.3/47

- sign 0.000 $\pm$ 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: 476.687+/-0.082 χ^2/NDF :2473025.3/24

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

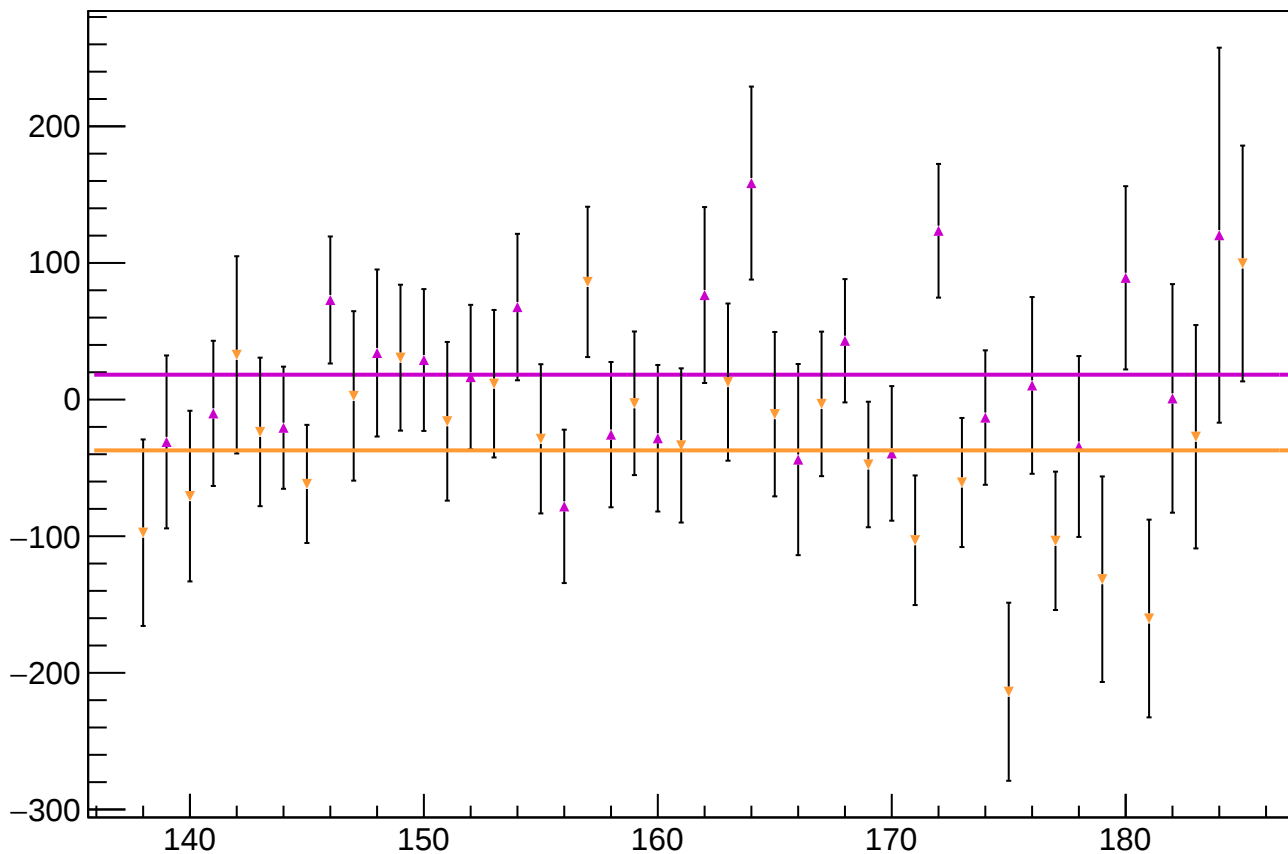
Left In: 473.983+/-0.083 χ^2/NDF :2087113.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.360+/-0.058 χ^2/NDF : 4560678.7/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -37.177 $\pm$ 11.390 χ^2 /NDF:30.5/24

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

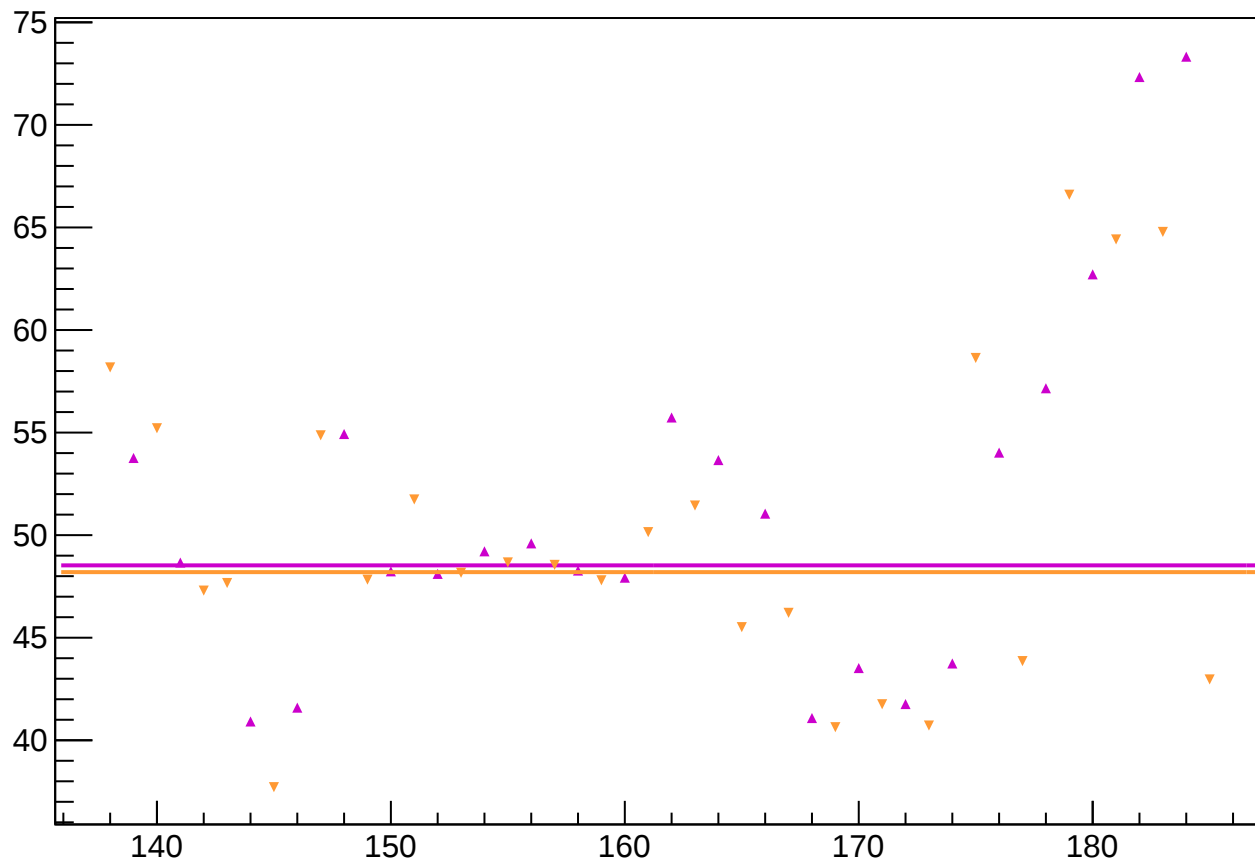
Left In: 18.210 $\pm$ 11.788 χ^2 /NDF:23.0/22

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

All: -10.433 $\pm$ 8.191 χ^2 /NDF: 64.9/47

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

reg_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 48.197+/-0.008 χ^2/NDF : 749525.3/24

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

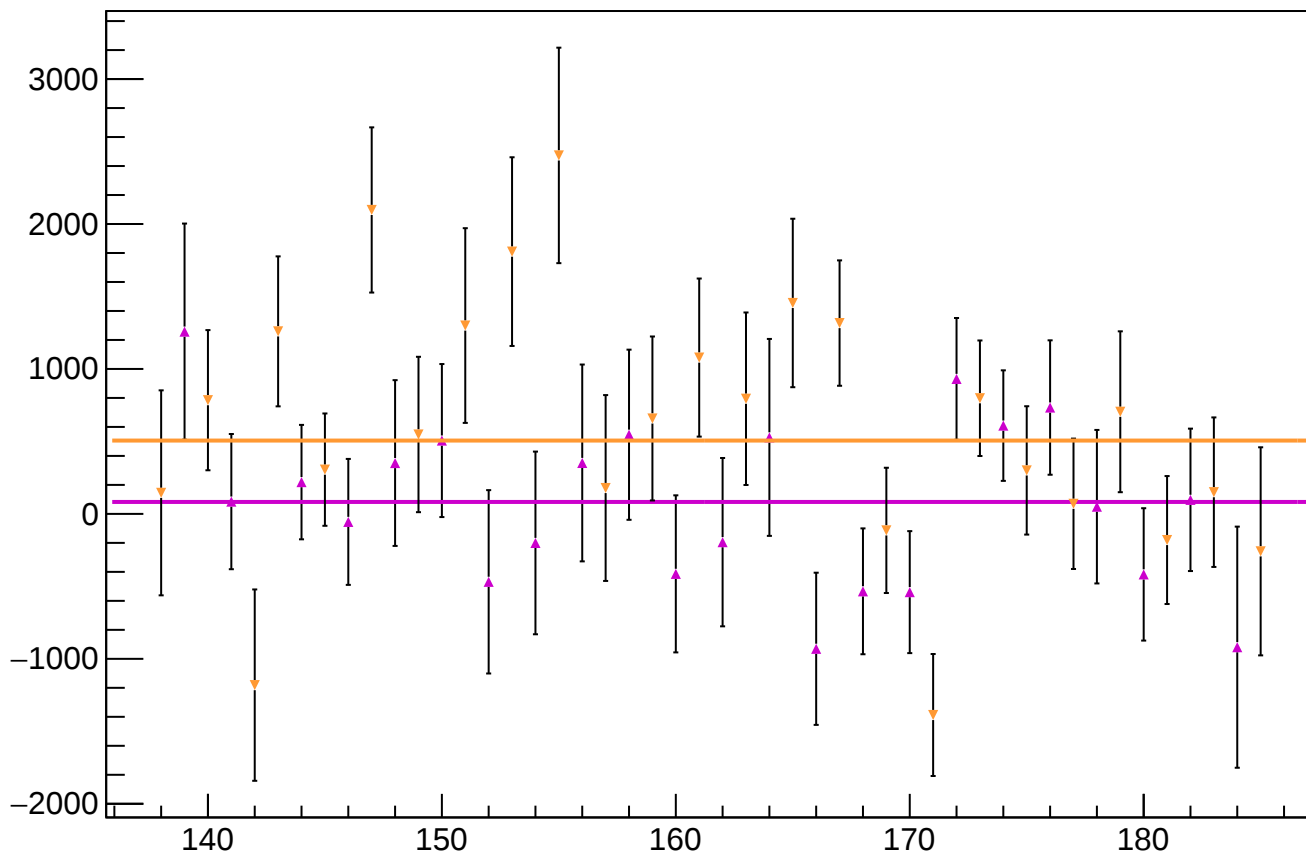
Left In: 48.527+/-0.008 χ^2/NDF : 675340.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.356+/-0.006 χ^2/NDF : 1425674.4/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 505.932 $\pm$ 103.479 χ^2 /NDF:65.7/24

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

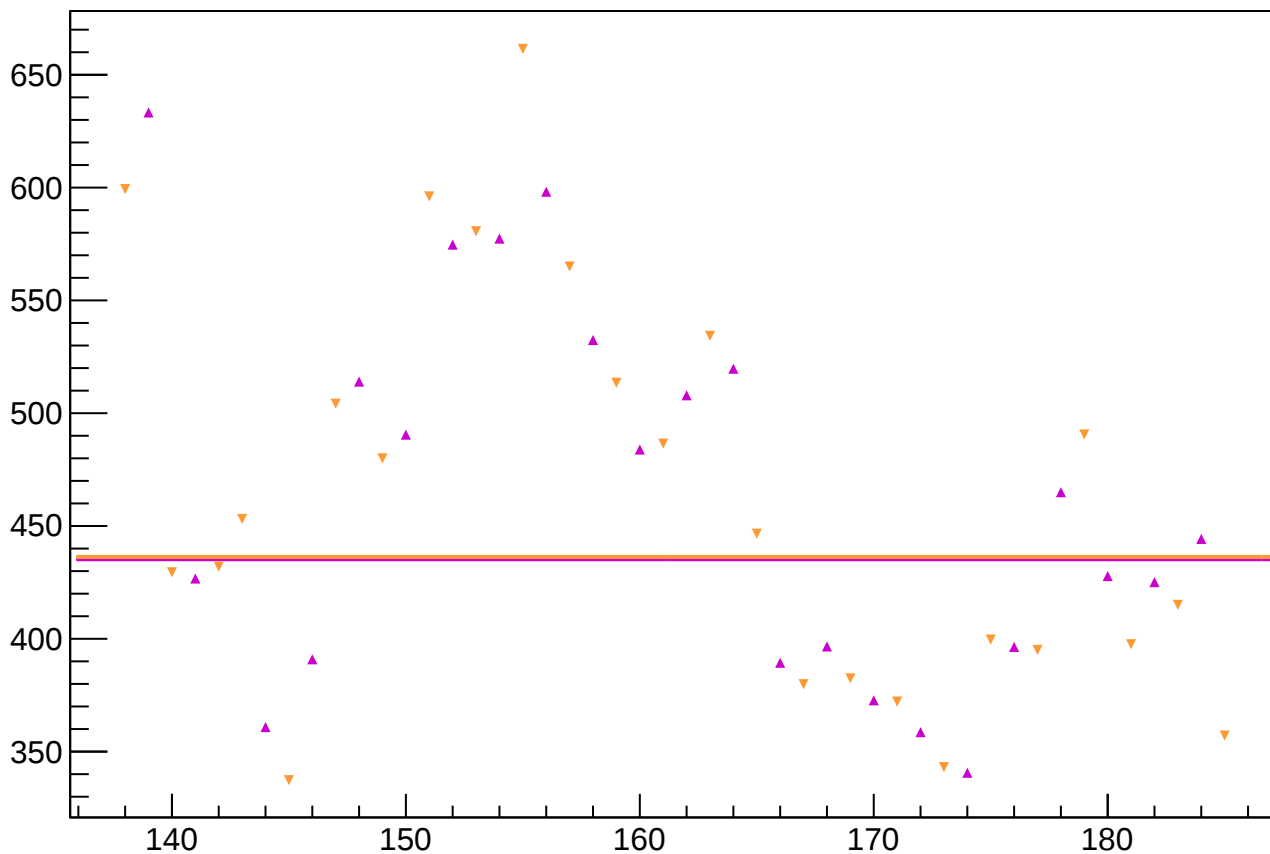
Left In: 82.421 $\pm$ 105.935 χ^2 /NDF:25.3/22

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

All: 299.143 $\pm$ 74.024 χ^2 /NDF: 99.3/47

- sign 0.000 $\pm$ 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: 436.293+/-0.073 χ^2/NDF :1179436.3/24

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

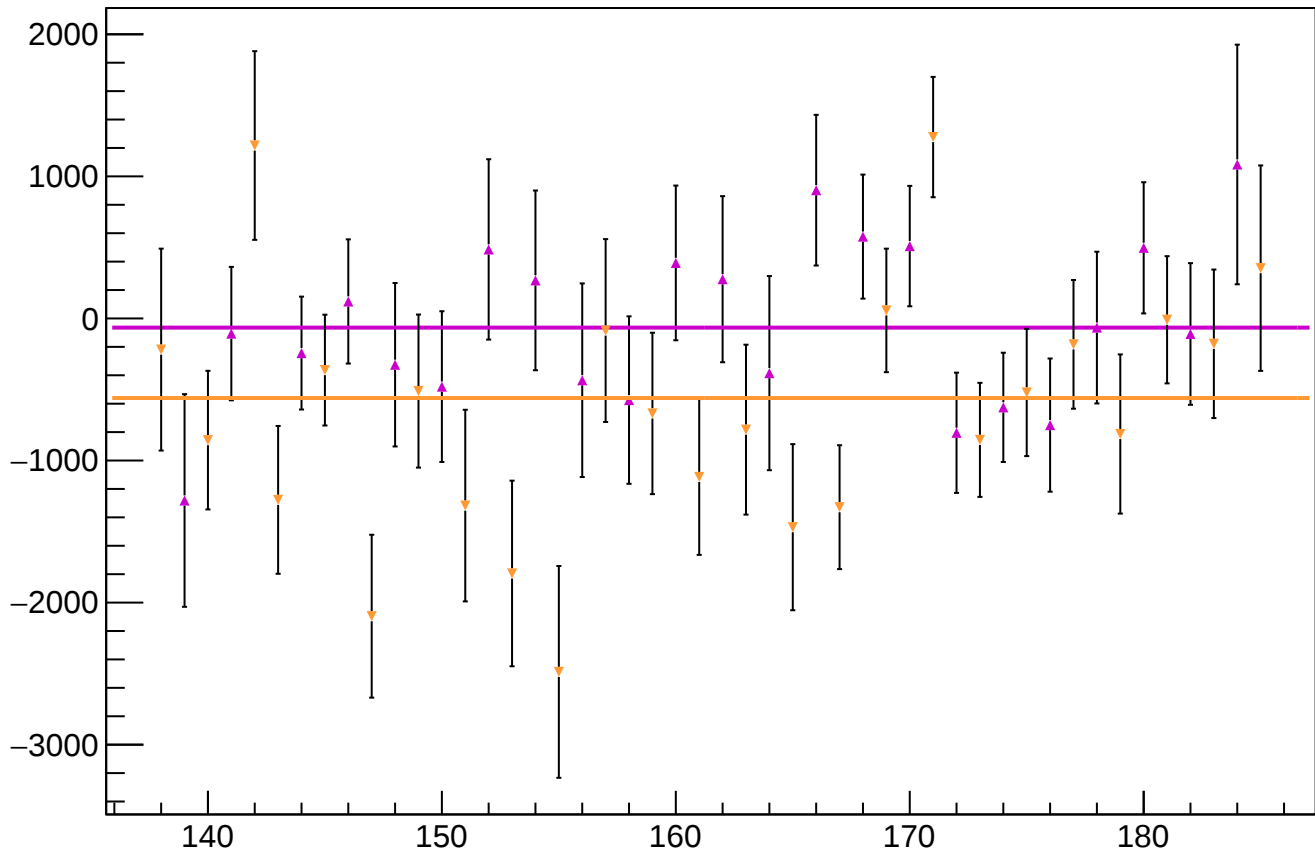
Left In: 435.275+/-0.075 χ^2/NDF :1027713.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.796+/-0.052 χ^2/NDF : 2207243.9/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -560.045 $\pm$ 104.218 χ^2 /NDF:61.8/24

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

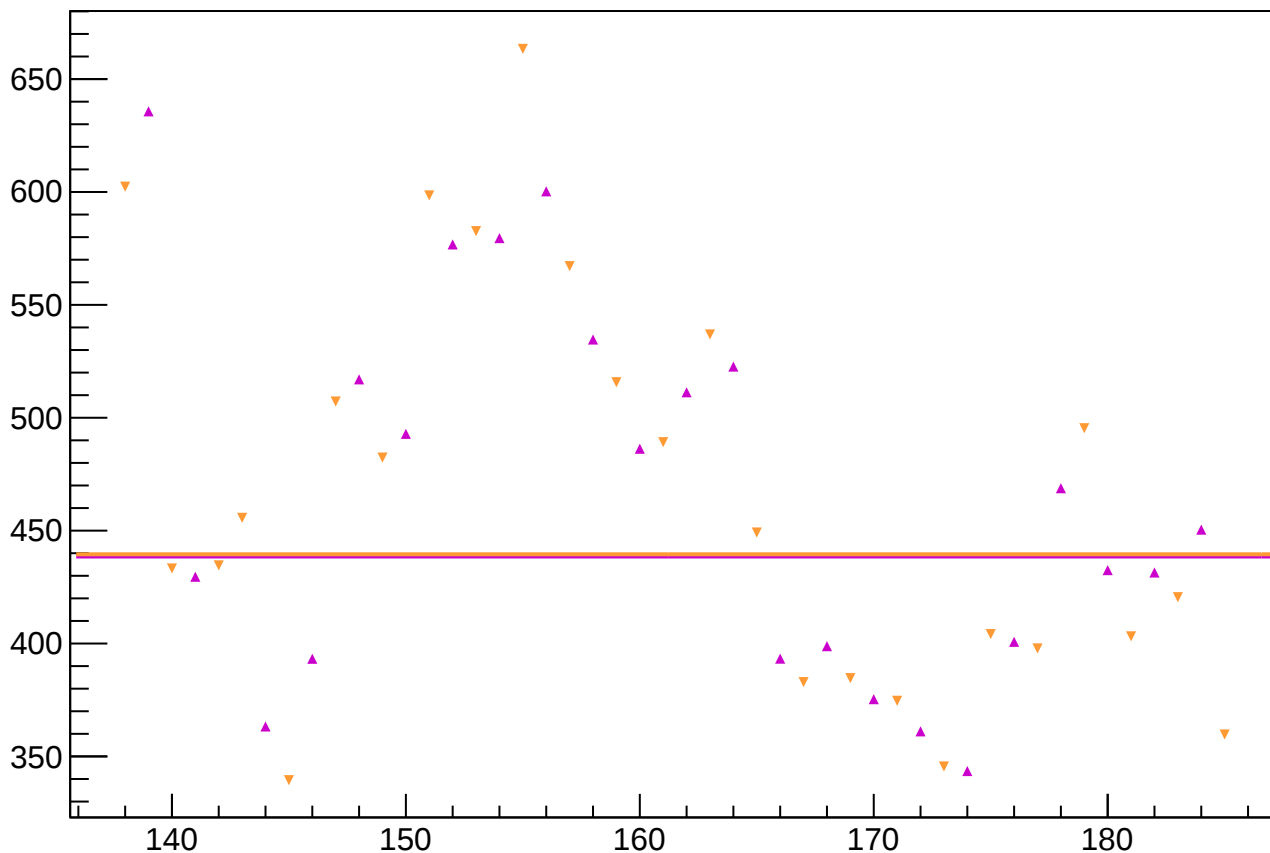
Left In: -64.594 $\pm$ 106.708 χ^2 /NDF:25.2/22

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

All: -318.166 $\pm$ 74.558 χ^2 /NDF: 98.0/47

- sign 0.000 $\pm$ 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: 439.518+/-0.074 χ^2/NDF :1163430.1/24

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

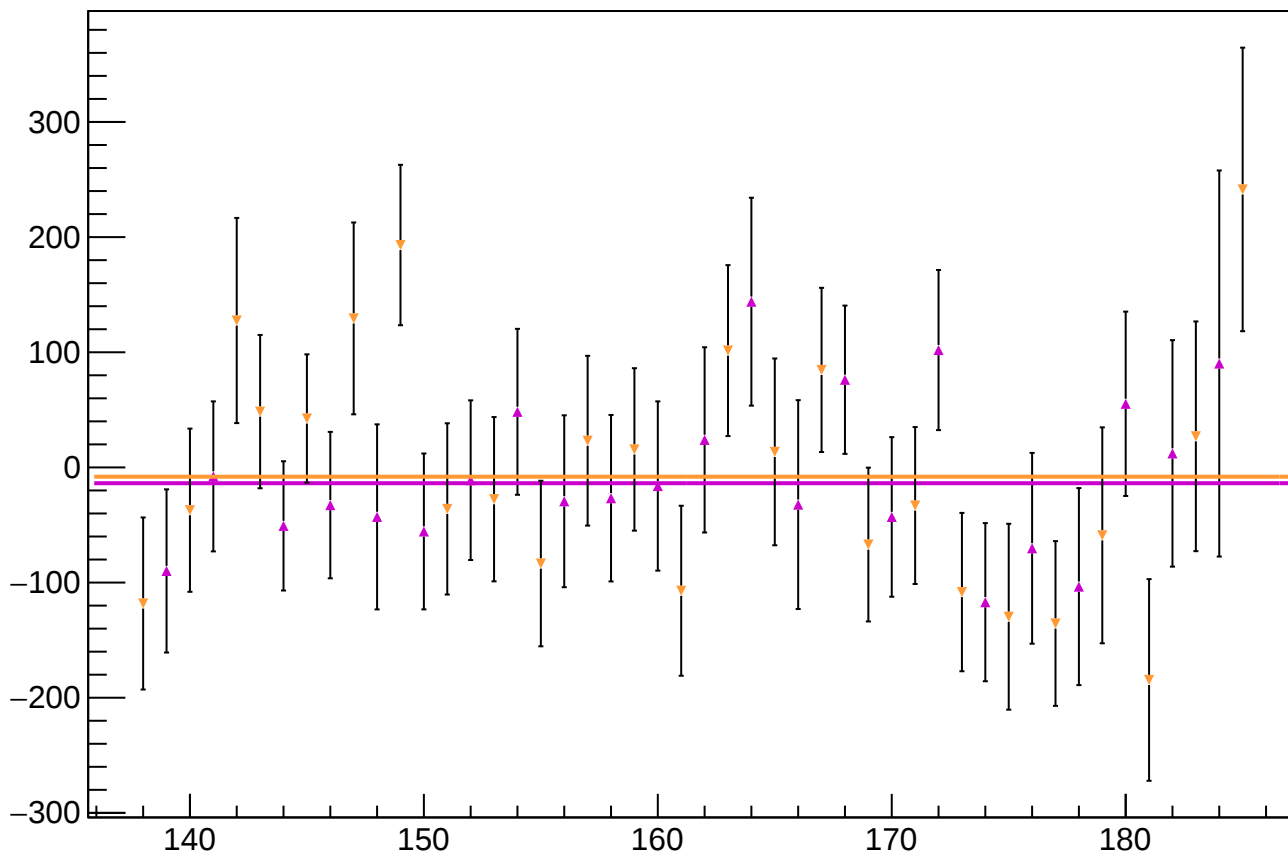
Left In: 438.548+/-0.075 χ^2/NDF :1013071.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.044+/-0.053 χ^2/NDF : 2176586.1/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



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

Left Out: -8.078 $\pm$ 14.936 χ^2 /NDF: 41.7/24

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

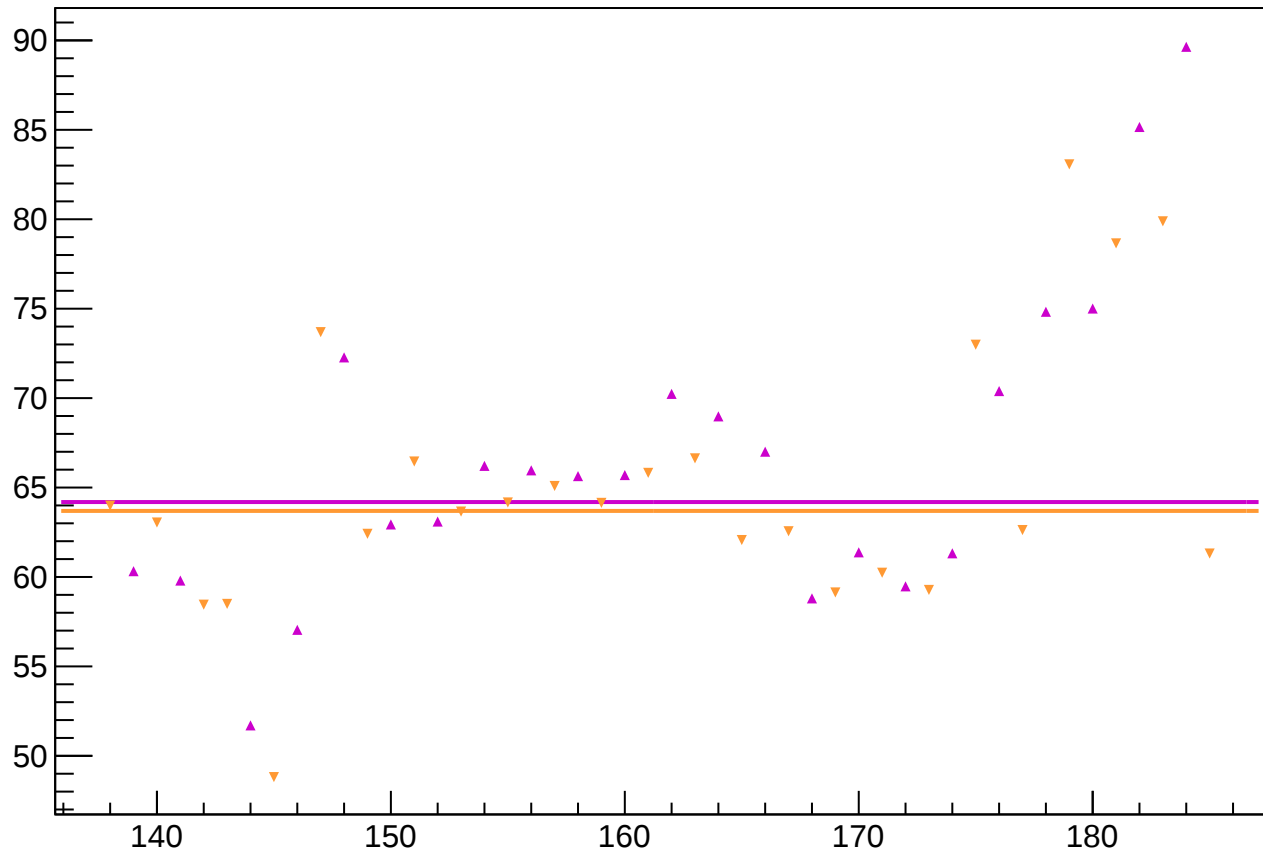
Left In: -13.723 $\pm$ 15.478 χ^2 /NDF: 16.3/22

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

All: -10.800 $\pm$ 10.748 χ^2 /NDF: 58.0/47

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

reg_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 63.693+/-0.011 χ^2/NDF : 448071.6/24

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

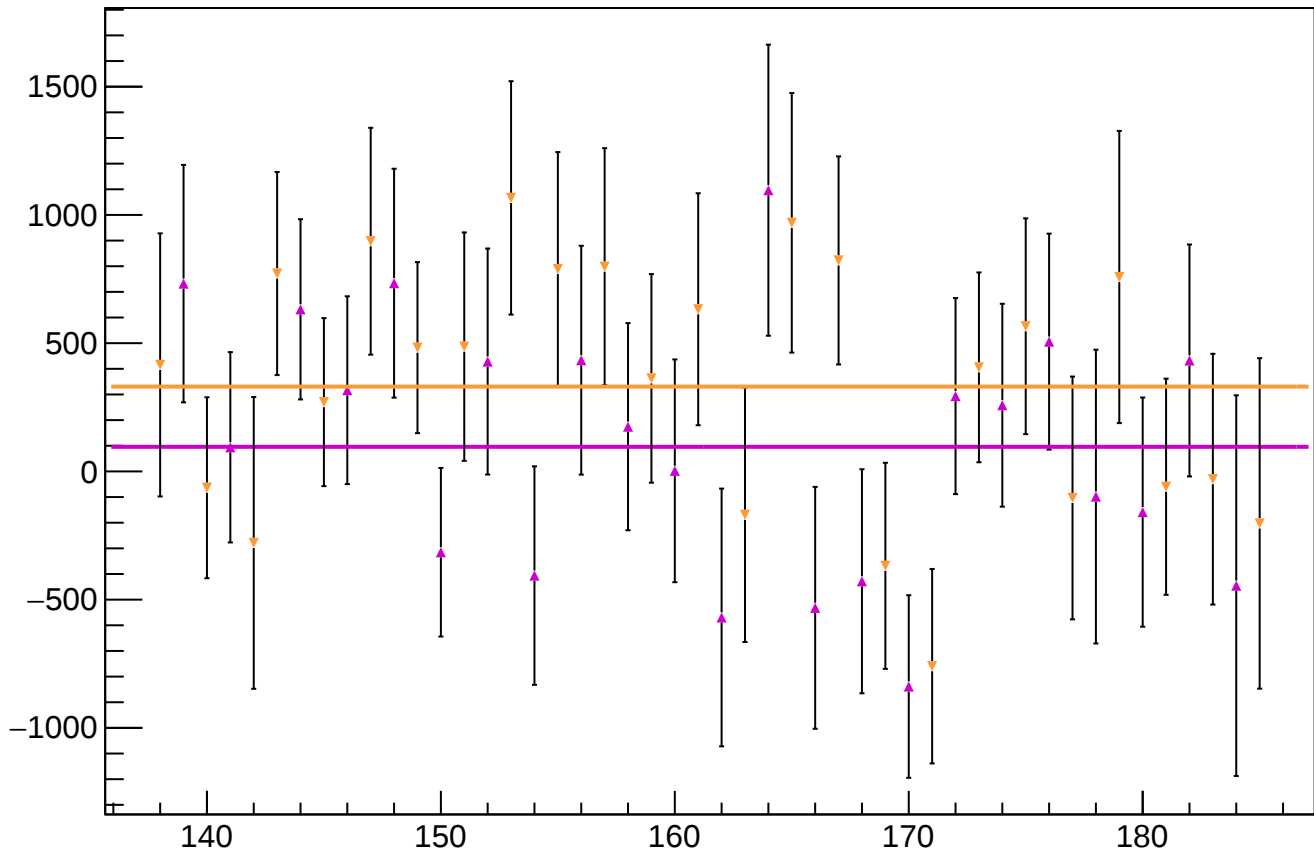
Left In: 64.189+/-0.011 χ^2/NDF : 429670.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.932+/-0.008 χ^2/NDF : 878804.3/47

- 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: 330.583+/-86.079 χ^2/NDF :30.0/24

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

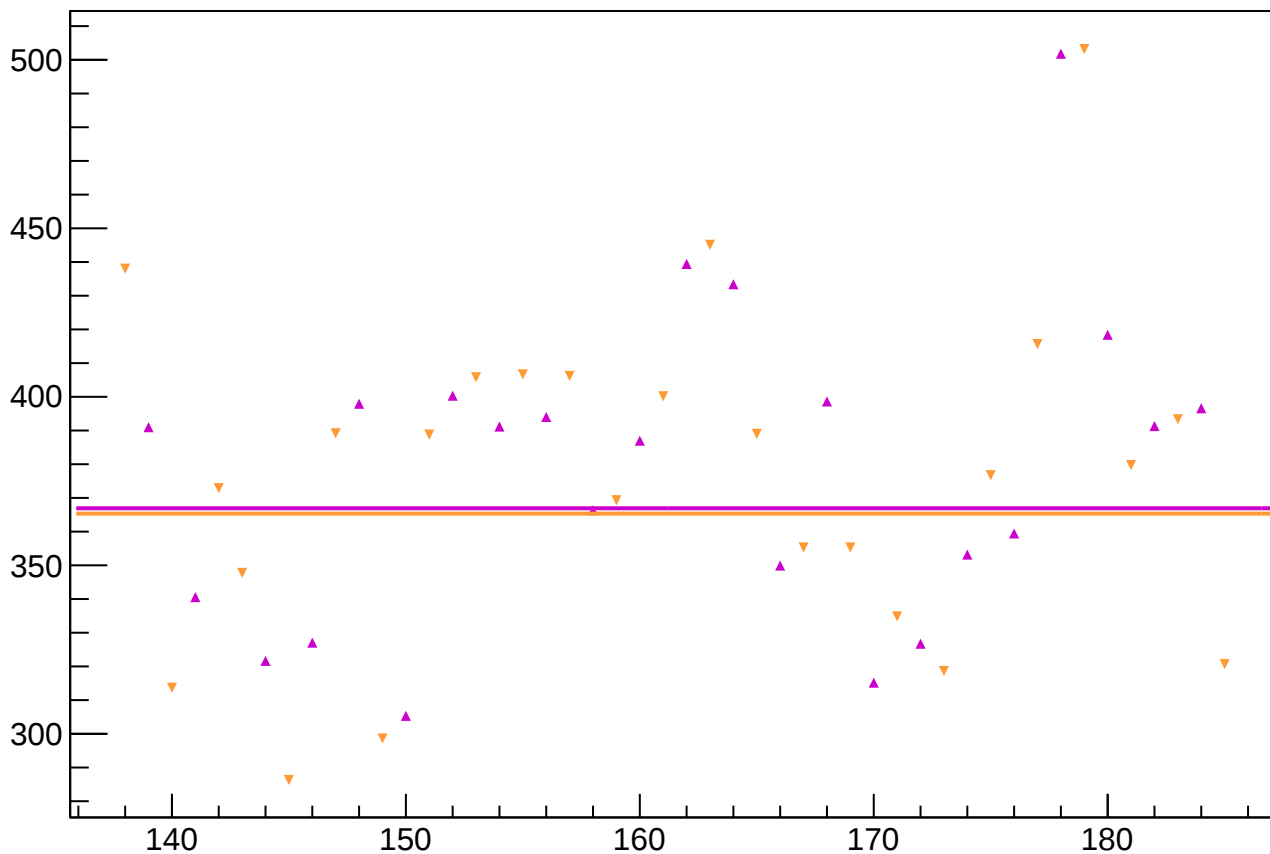
Left In: 95.910+/-88.656 χ^2/NDF :28.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.706+/-61.758 χ^2/NDF : 62.3/47

- 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: 365.344+/-0.061 χ^2/NDF : 618329.5/24

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

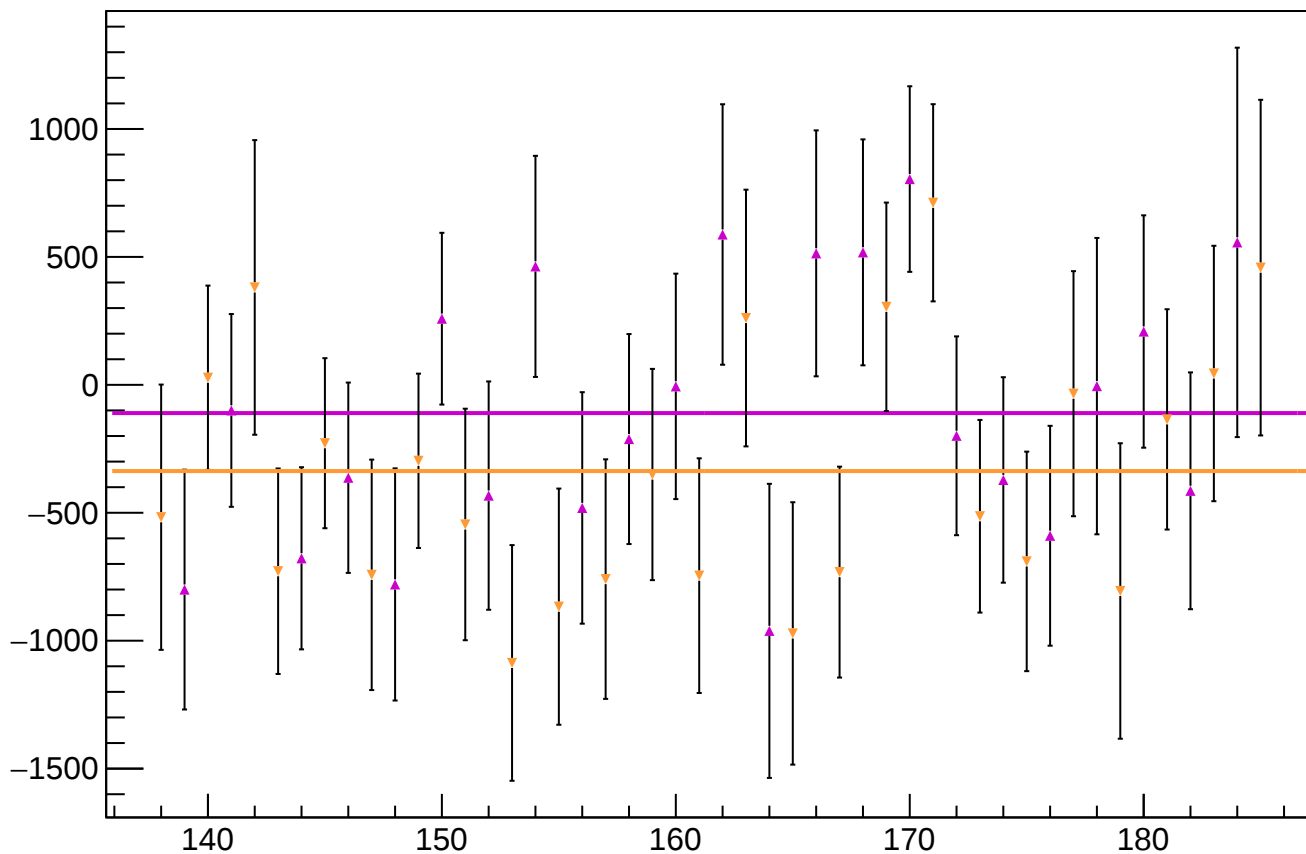
Left In: 366.925+/-0.063 χ^2/NDF : 478082.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.111+/-0.044 χ^2/NDF : 1096738.8/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -336.977 $\pm$ 87.459 χ^2 /NDF:28.4/24

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

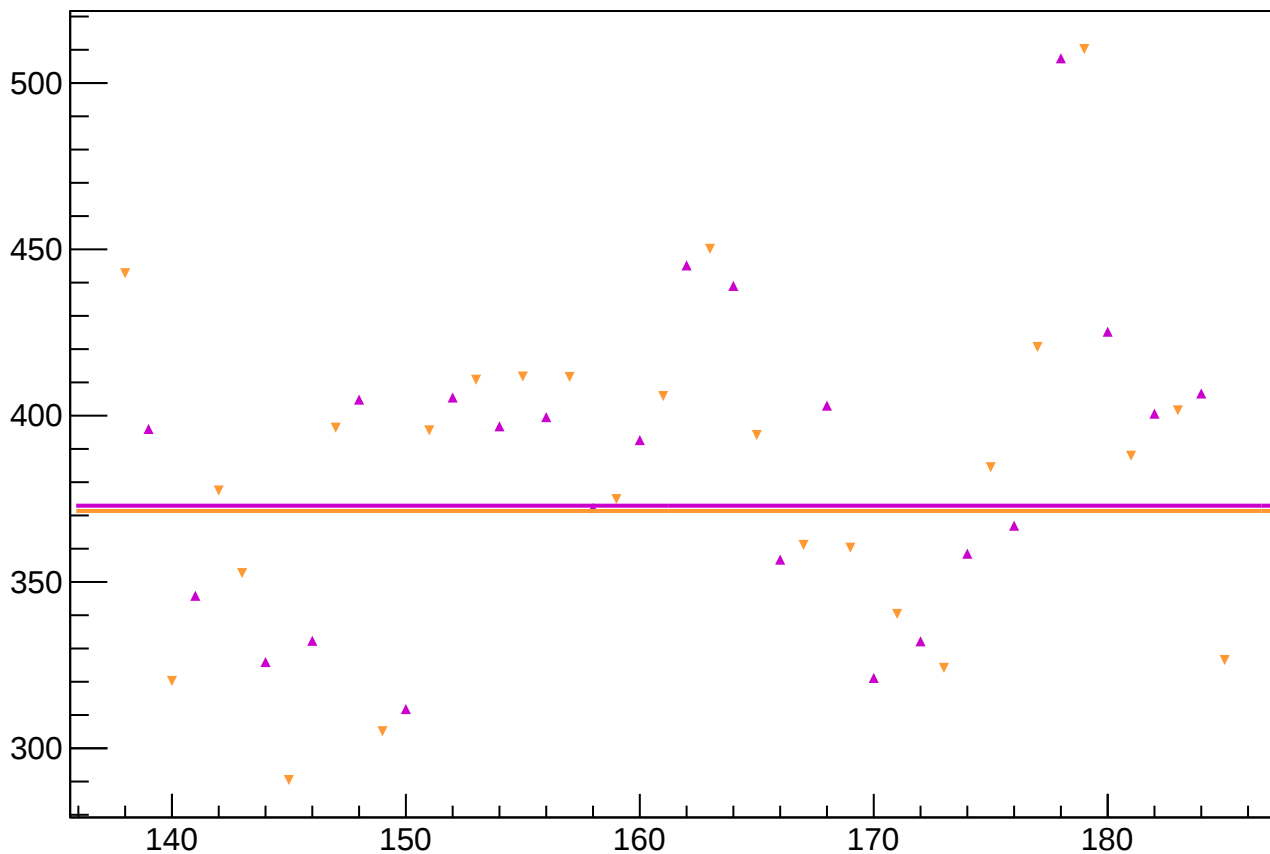
Left In: -110.341 $\pm$ 90.084 χ^2 /NDF:29.2/22

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

All: -227.009 $\pm$ 62.750 χ^2 /NDF: 60.8/47

- sign 0.000 $\pm$ 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: 371.345+/-0.062 χ^2/NDF : 603940.2/24

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

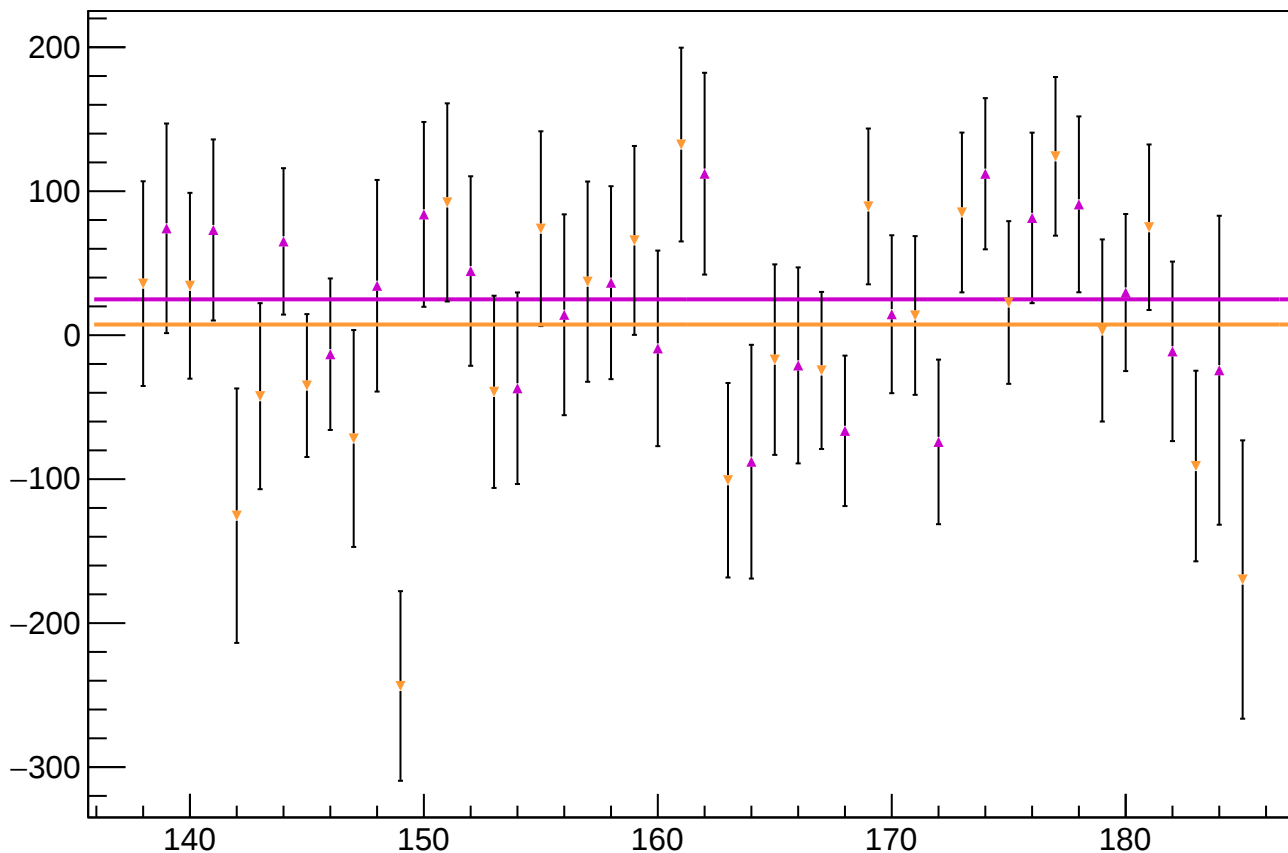
Left In: 372.938+/-0.064 χ^2/NDF : 467340.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.118+/-0.044 χ^2/NDF : 1071603.1/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug



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

Left Out: 7.413 $\pm$ 12.657 χ^2 /NDF:45.8/24

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

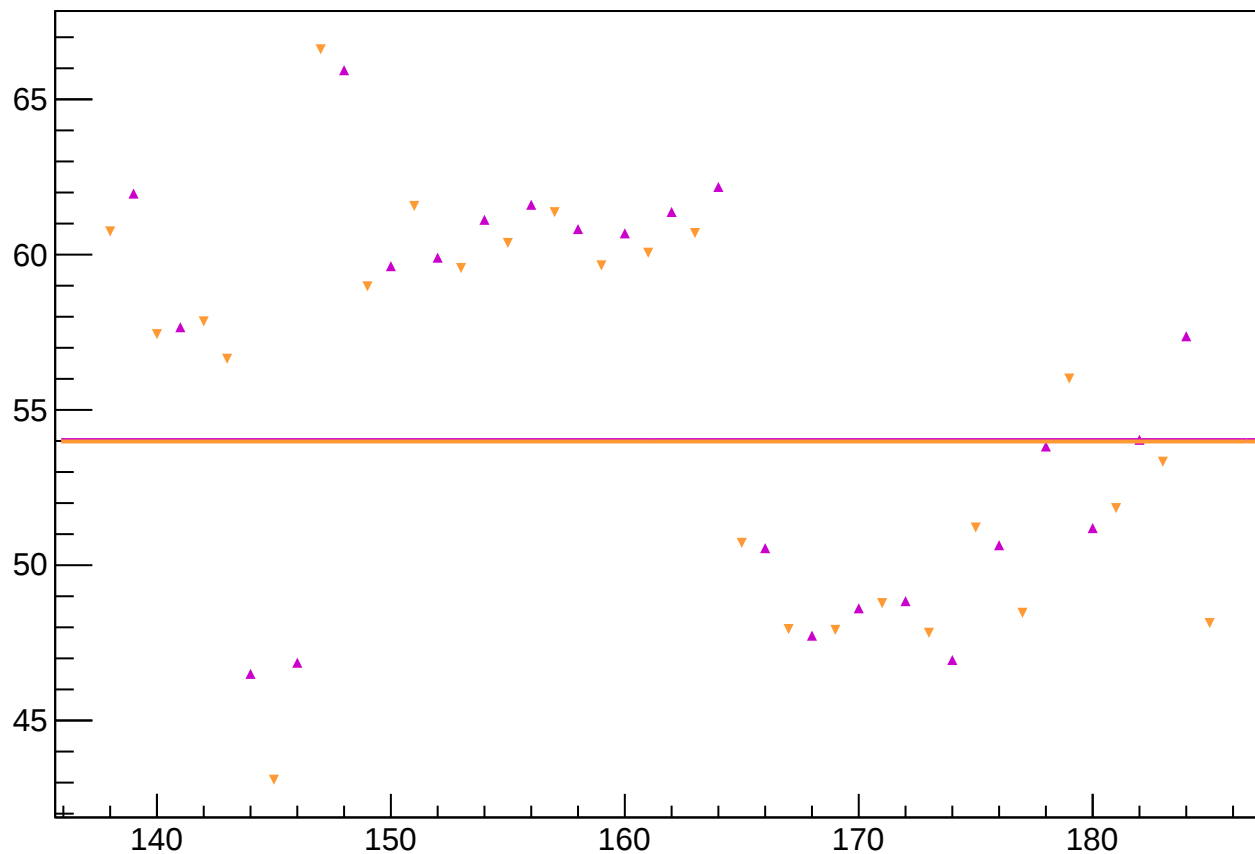
Left In: 24.887 $\pm$ 13.029 χ^2 /NDF:19.7/22

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

All: 15.898 $\pm$ 9.078 χ^2 /NDF: 66.4/47

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

reg_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 53.983+/-0.009 χ^2/NDF : 458977.2/24

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

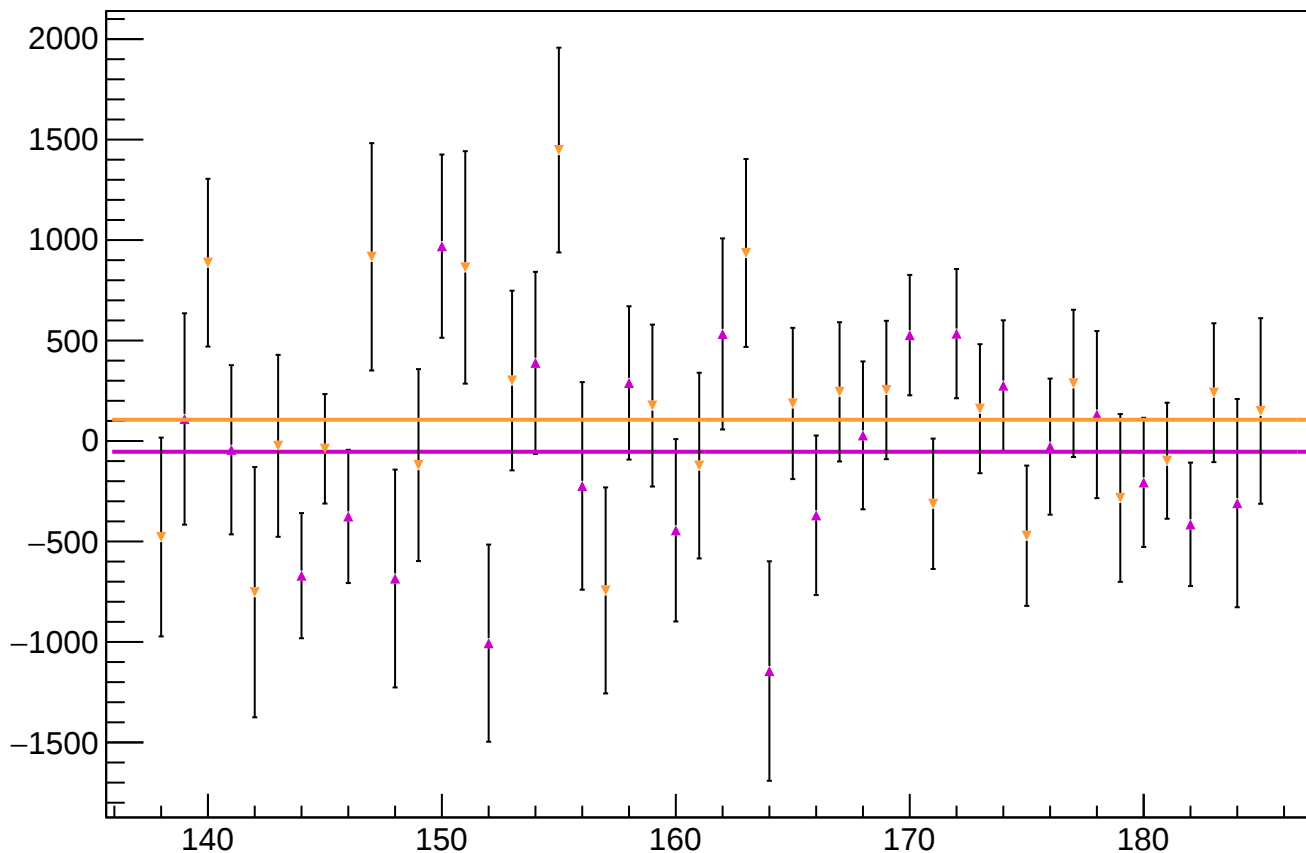
Left In: 54.028+/-0.009 χ^2/NDF : 443819.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.005+/-0.006 χ^2/NDF : 902808.5/47

- 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: 105.766+/-79.356 χ^2/NDF : 31.0/24

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

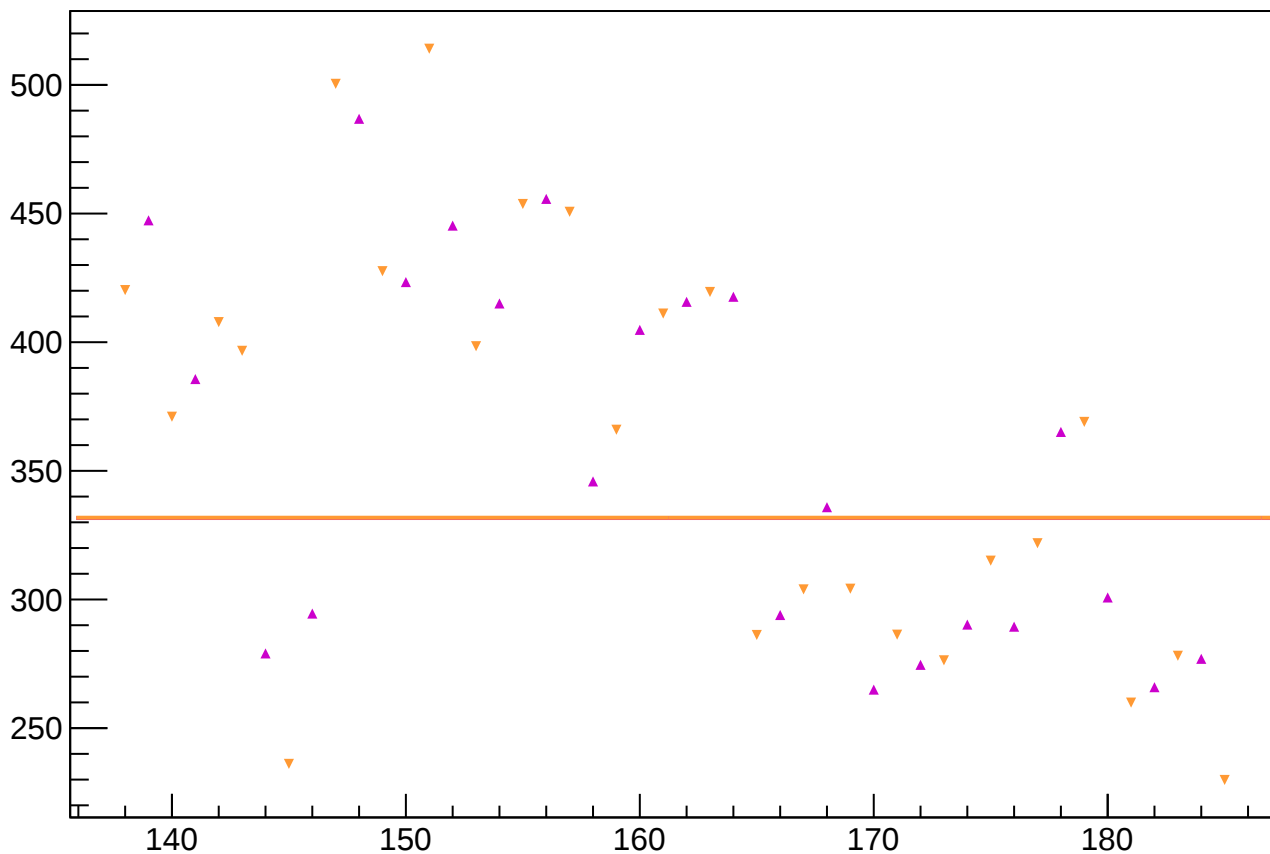
Left In: -53.493+/-81.201 χ^2/NDF : 34.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.966+/-56.754 χ^2/NDF : 67.1/47

- 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: 331.778+/-0.056 χ^2/NDF :1711745.1/24

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

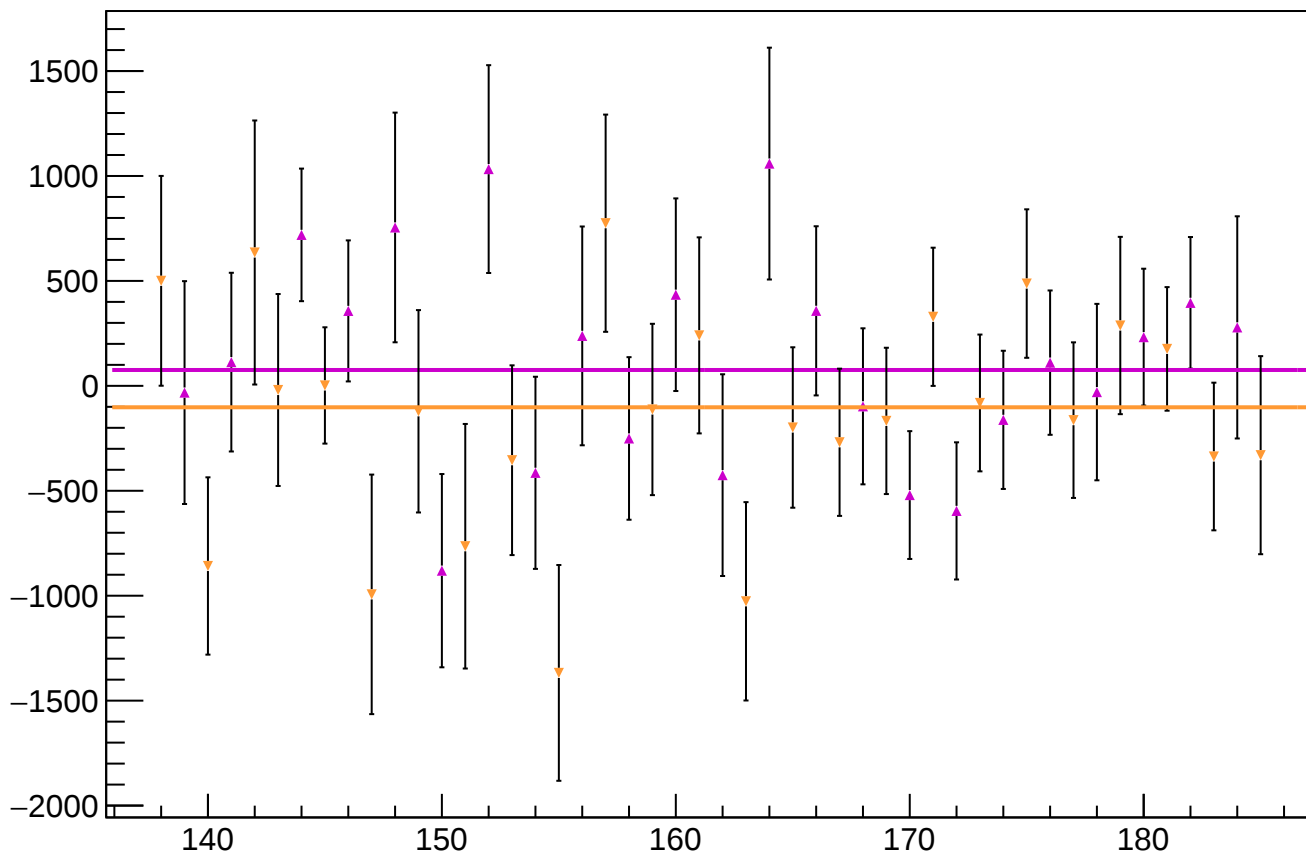
Left In: 331.666+/-0.057 χ^2/NDF :1303192.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.723+/-0.040 χ^2/NDF : 3014939.2/47

- 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: -102.164+/-80.440 χ^2/NDF :30.8/24

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

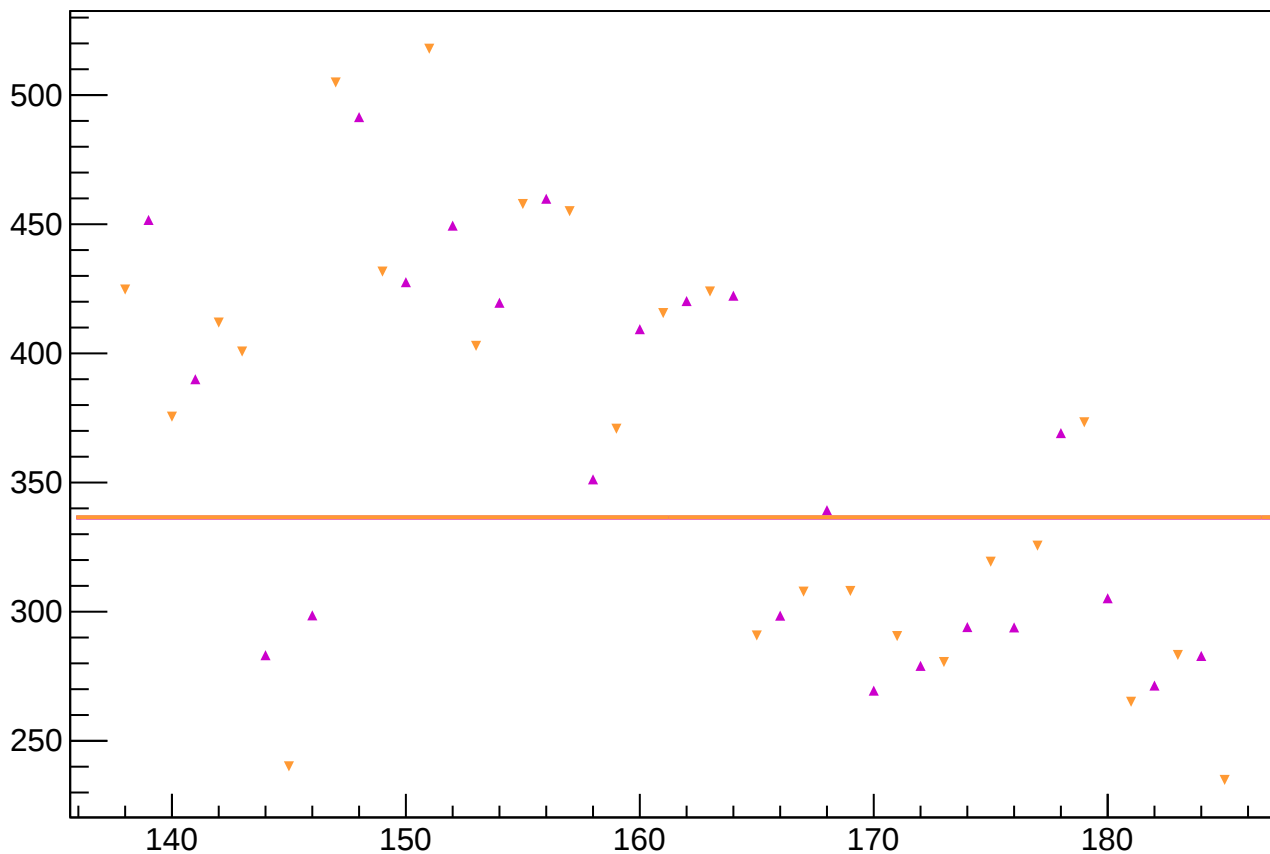
Left In: 75.579+/-82.319 χ^2/NDF :32.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.343+/-57.532 χ^2/NDF : 65.3/47

- 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: 336.565+/-0.057 χ^2/NDF :1665941.0/24

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

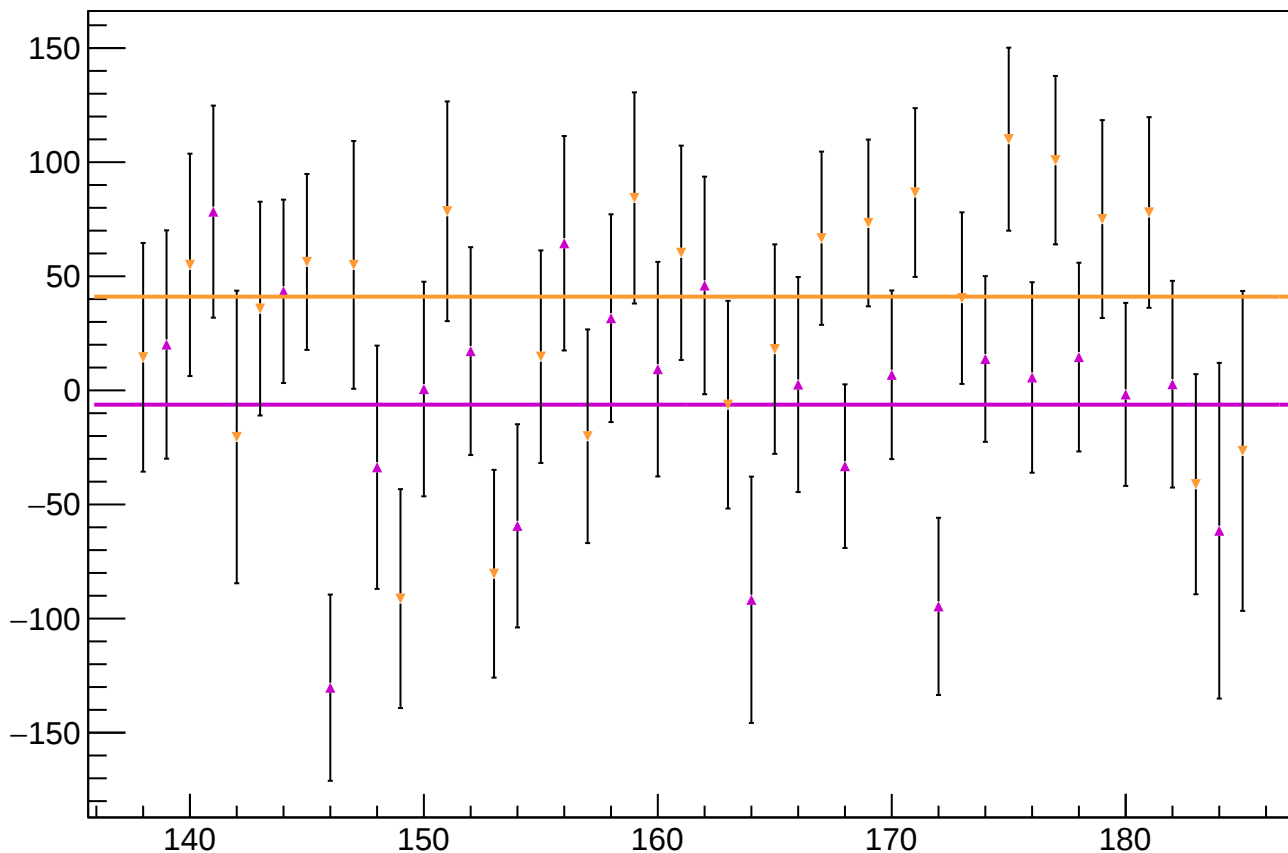
Left In: 336.439+/-0.058 χ^2/NDF :1269066.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.504+/-0.041 χ^2/NDF : 2935009.8/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 41.064 $\pm$ 8.890 χ^2 /NDF:34.8/24

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

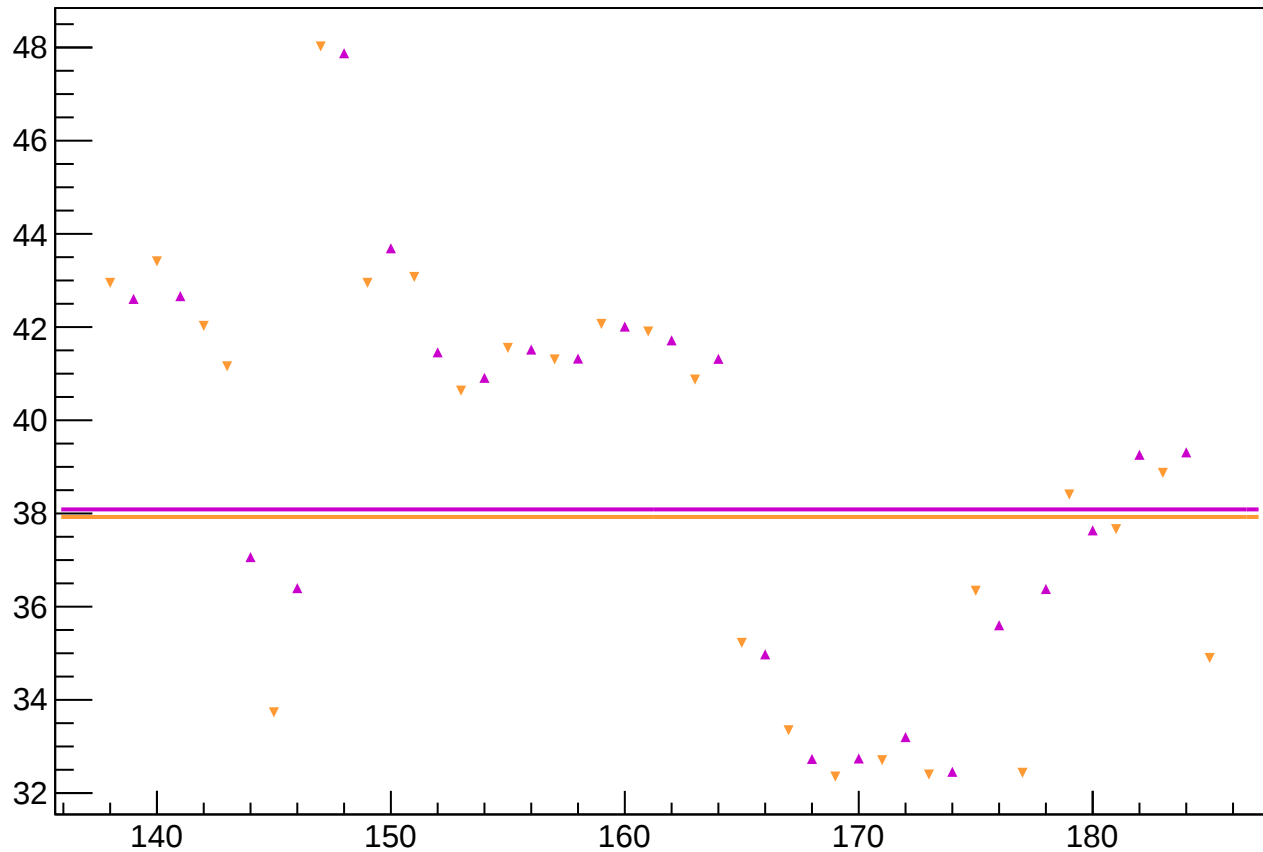
Left In: -6.254 $\pm$ 9.175 χ^2 /NDF:30.3/22

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

All: 18.149 $\pm$ 6.385 χ^2 /NDF: 78.8/47

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

reg_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 37.925+/-0.006 χ^2/NDF : 487083.9/24

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

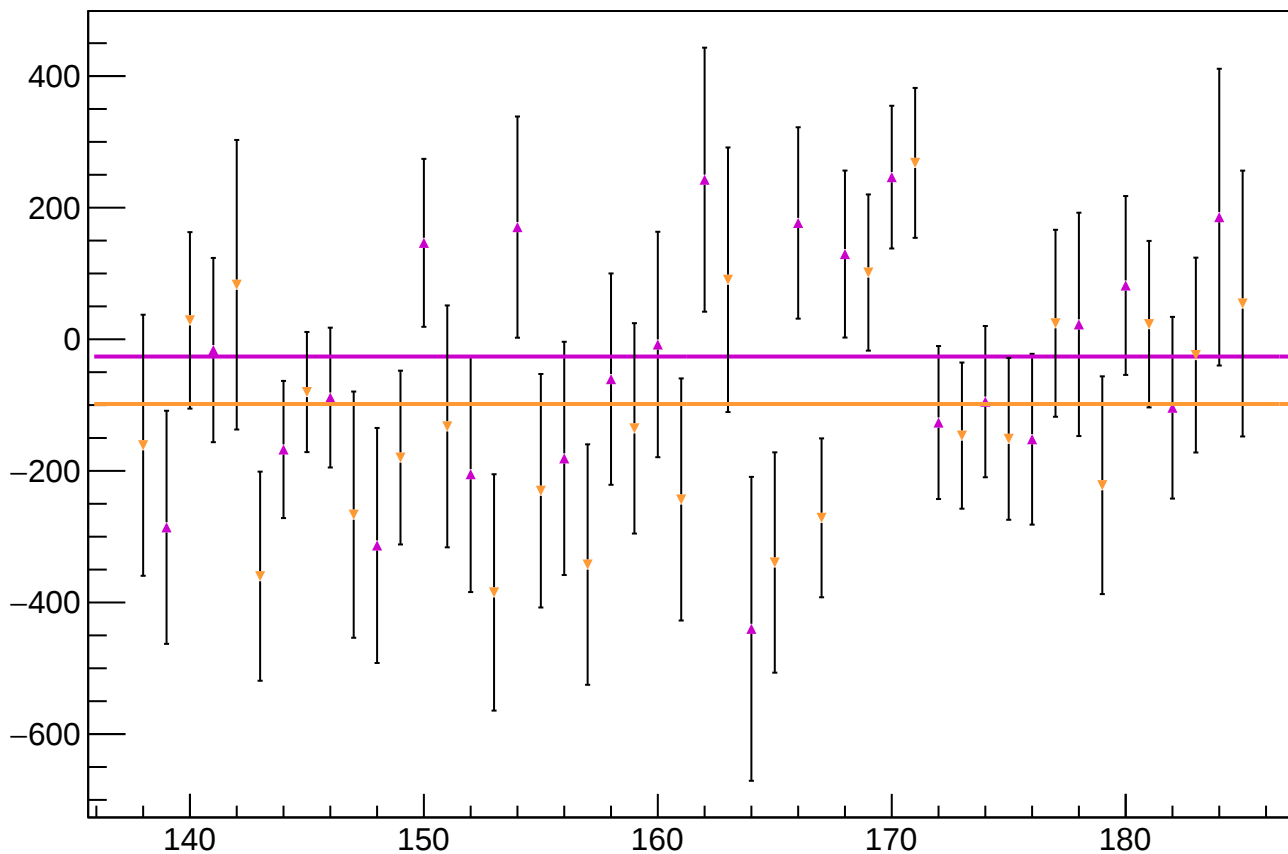
Left In: 38.087+/-0.006 χ^2/NDF : 396334.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.004+/-0.005 χ^2/NDF : 883741.4/47

- 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: -98.369+/-29.098 χ^2/NDF : 32.8/24

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

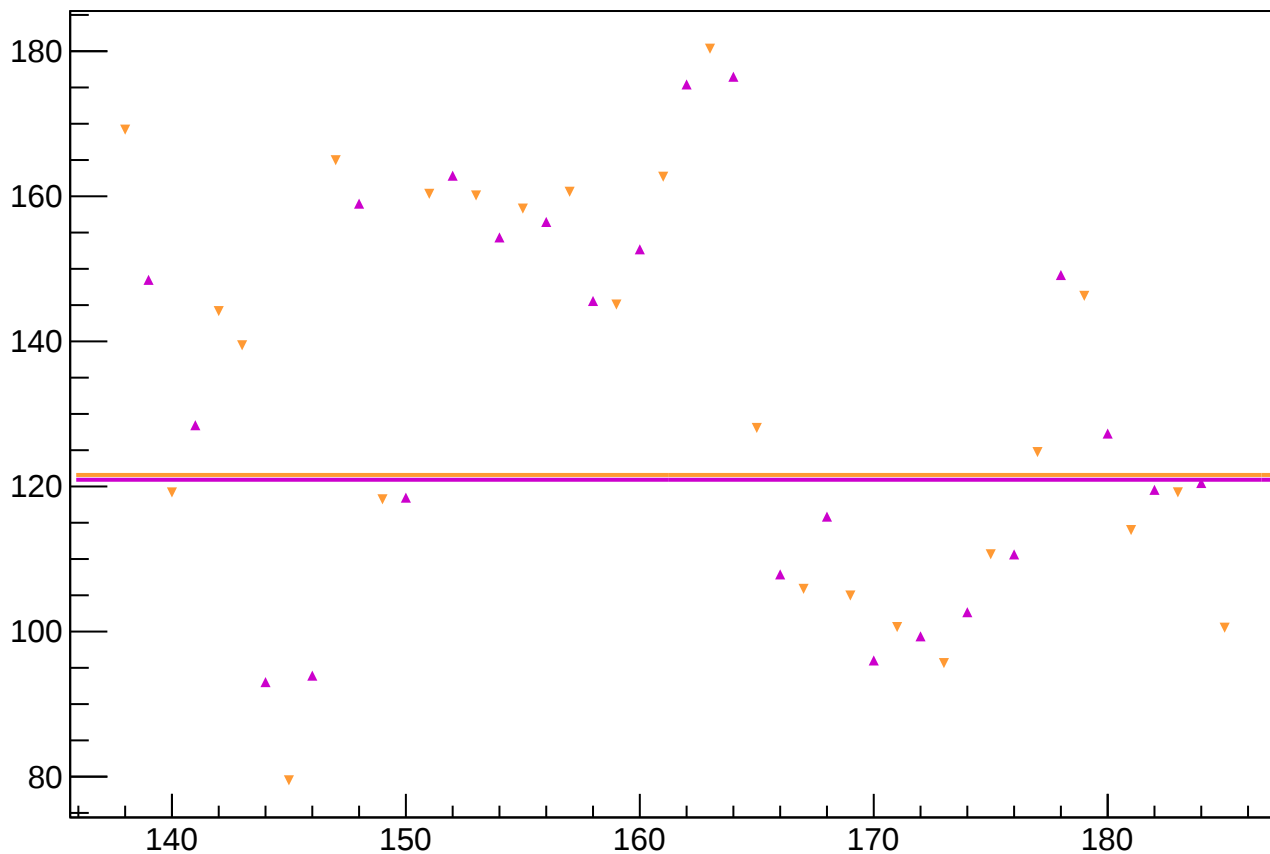
Left In: -26.223+/-29.676 χ^2/NDF : 30.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.004+/-20.777 χ^2/NDF : 66.5/47

- 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: 121.589+/-0.021 χ^2/NDF :1711456.5/24

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

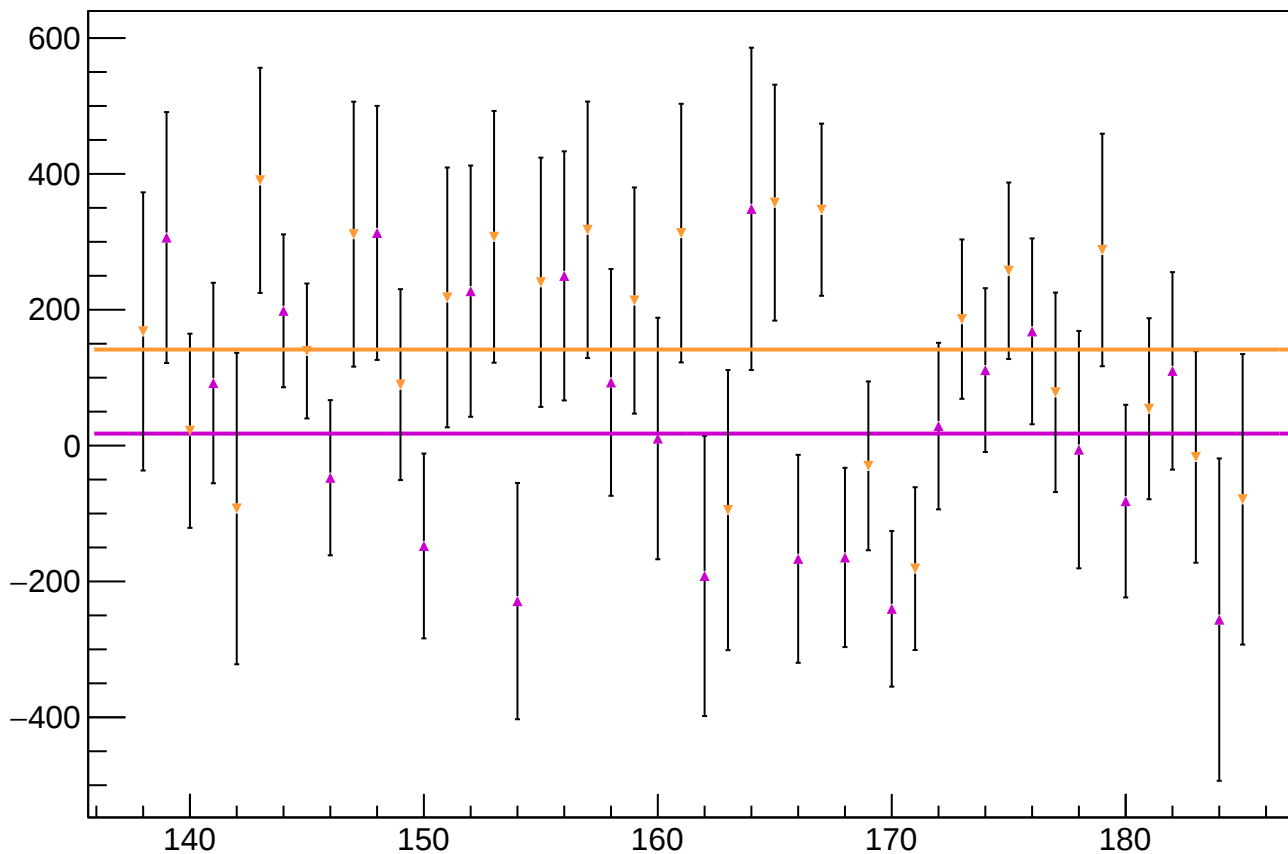
Left In: 120.927+/-0.021 χ^2/NDF :1382861.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.265+/-0.015 χ^2/NDF : 3094826.0/47

- 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: 141.436 $\pm$ 30.578 χ^2 /NDF: 27.1/24

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

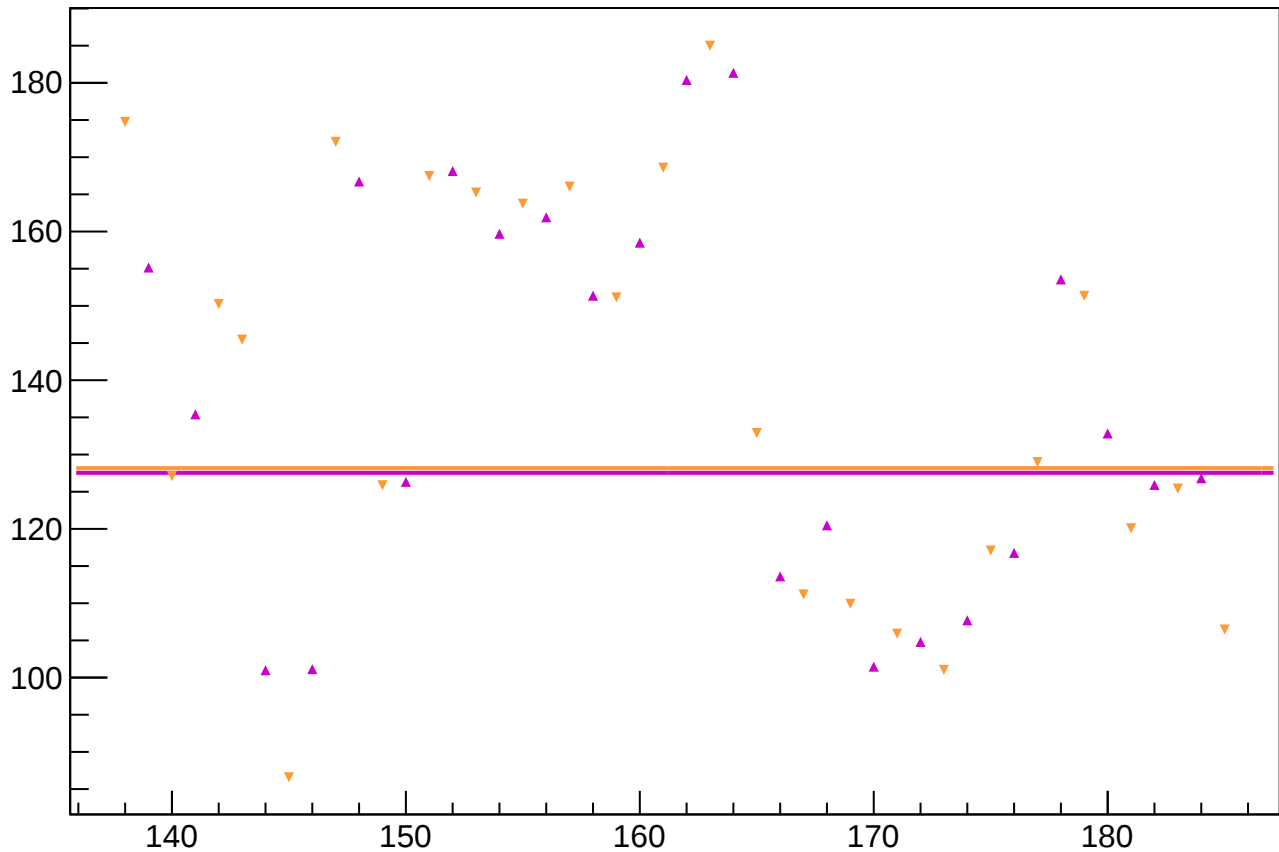
Left In: 17.679 $\pm$ 31.209 χ^2 /NDF: 30.1/22

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

All: 80.821 $\pm$ 21.841 χ^2 /NDF: 65.2/47

- 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: 128.173+/-0.022 χ^2/NDF : 1532954.2/24

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

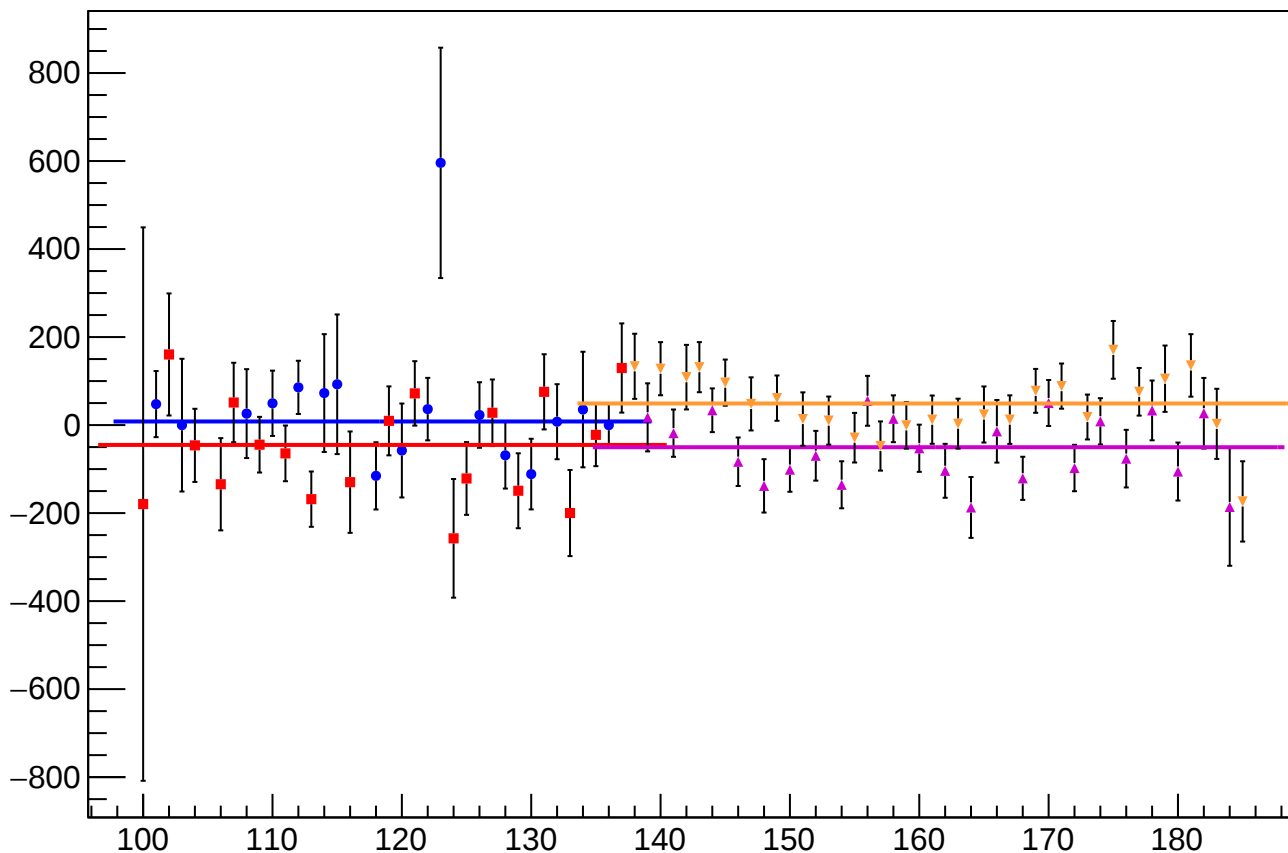
Left In: 127.544+/-0.022 χ^2/NDF : 1235705.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.865+/-0.015 χ^2/NDF : 2769073.9/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



Right In: 8.177 ± 20.186 χ^2/NDF : 14.3/16

Left Out: 49.074 ± 11.806 χ^2/NDF : 28.3/24

Right Out: -45.139 ± 19.459 χ^2/NDF : 25.0/18

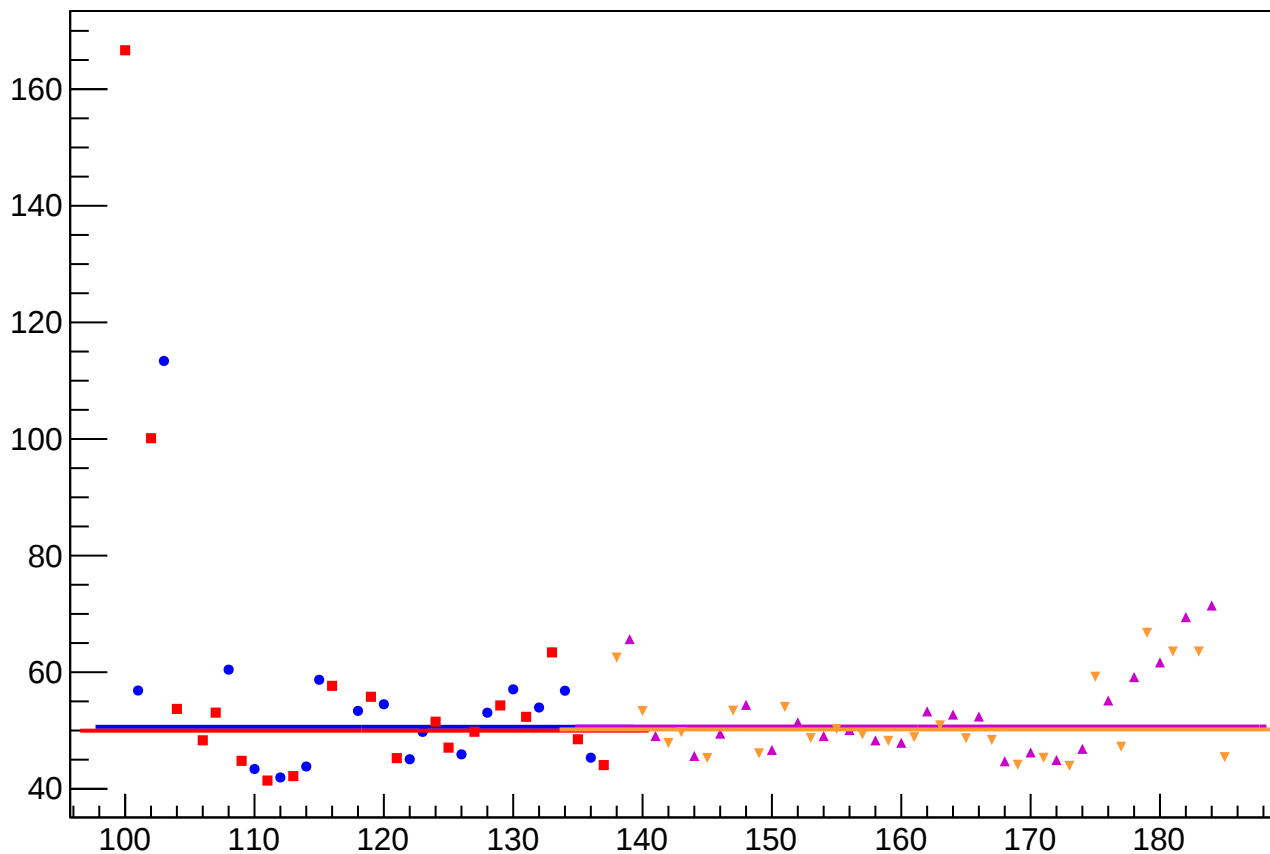
Left In: -50.331 ± 12.253 χ^2/NDF : 32.2/22

+ sign 38.649 ± 10.191 χ^2/NDF : 45.7/41

All: -4.348 ± 7.268 χ^2/NDF : 139.1/83

- sign -48.857 ± 10.369 χ^2/NDF : 57.2/41

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.637 $\pm$ 0.014 χ^2 /NDF: 520284.7/16

Left Out: 50.187 $\pm$ 0.008 χ^2 /NDF: 467202.9/24

Right Out: 49.978 $\pm$ 0.014 χ^2 /NDF: 500945.1/18

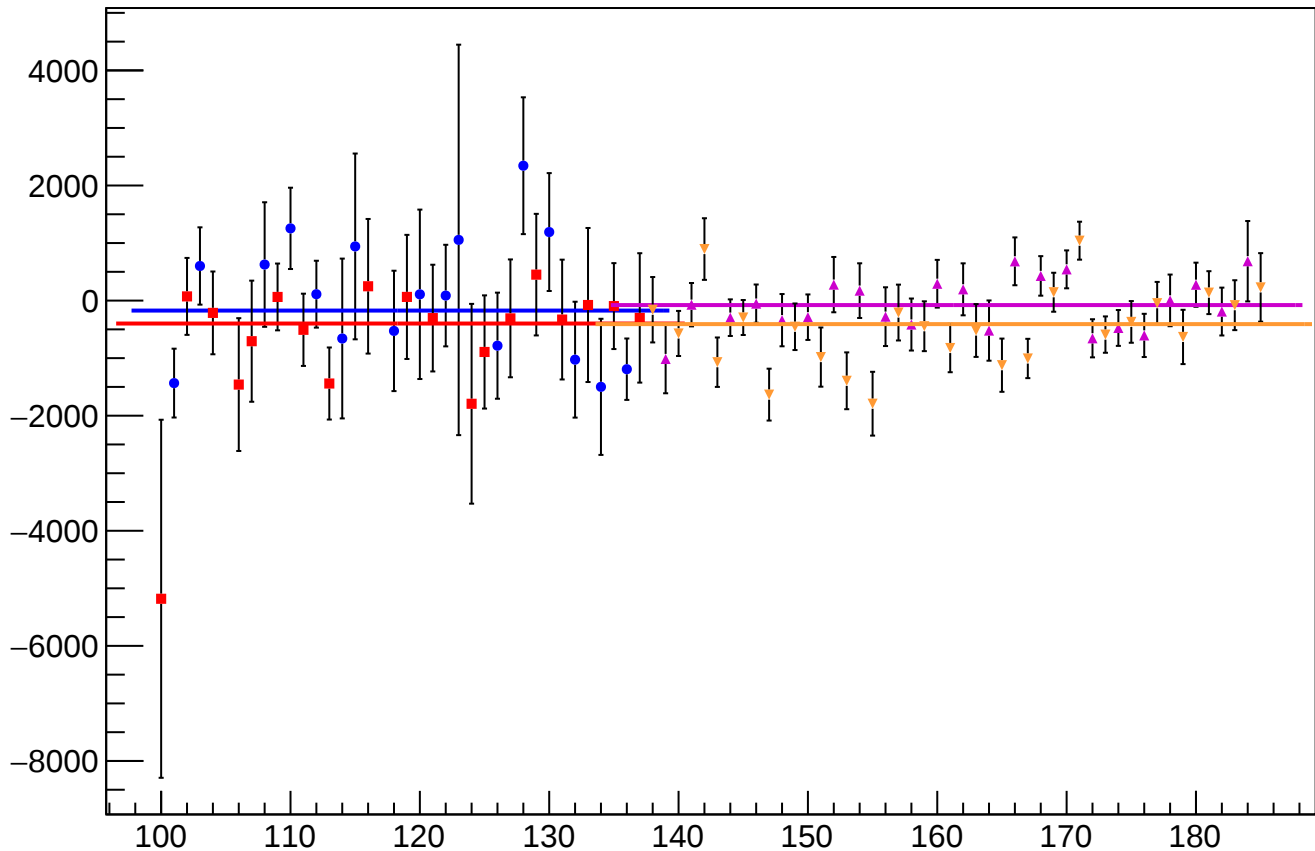
Left In: 50.683 $\pm$ 0.009 χ^2 /NDF: 469292.3/22

+ sign 50.302 $\pm$ 0.007 χ^2 /NDF: 988229.3/41

All: 50.391 $\pm$ 0.005 χ^2 /NDF: 1960658.1/83

- sign 50.483 $\pm$ 0.007 χ^2 /NDF: 972119.3/41

asym_sam_1357_avg_correction_mean vs Slug



Right In: -173.371 ± 210.671 χ^2/NDF : 23.9/16

Left Out: -408.762 ± 82.357 χ^2/NDF : 61.7/24

Right Out: -398.617 ± 204.042 χ^2/NDF : 9.6/18

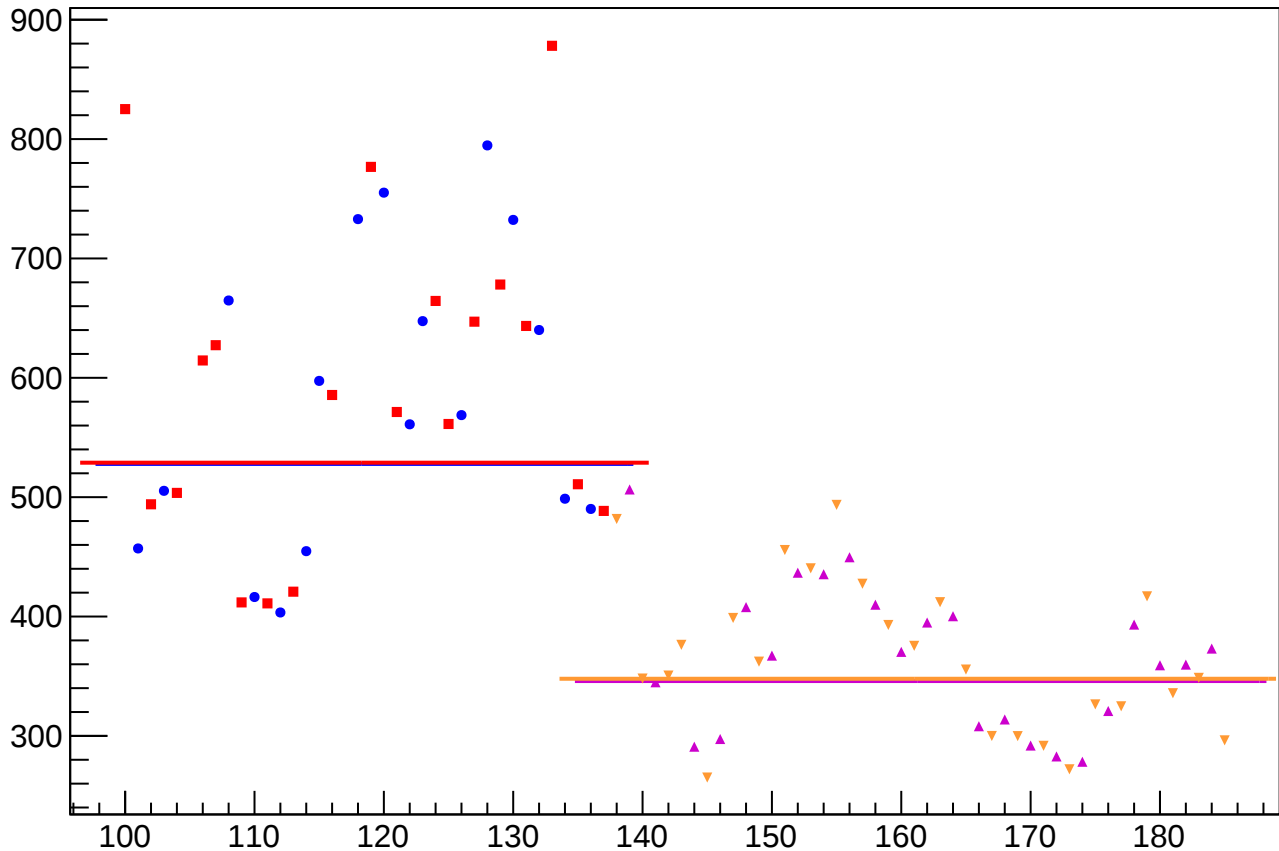
Left In: -77.872 ± 84.072 χ^2/NDF : 24.8/22

+ sign -377.557 ± 76.704 χ^2/NDF : 86.7/41

All: -252.676 ± 54.598 χ^2/NDF : 128.6/83

- sign -124.422 ± 77.732 χ^2/NDF : 36.5/41

asym_sam_1357_avg_correction_rms vs Slug



Right In: 527.871 $\pm$ 0.149 χ^2 /NDF: 563444.4/16

Left Out: 347.866 $\pm$ 0.058 χ^2 /NDF: 1044091.7/24

Right Out: 528.886 $\pm$ 0.144 χ^2 /NDF: 625551.4/18

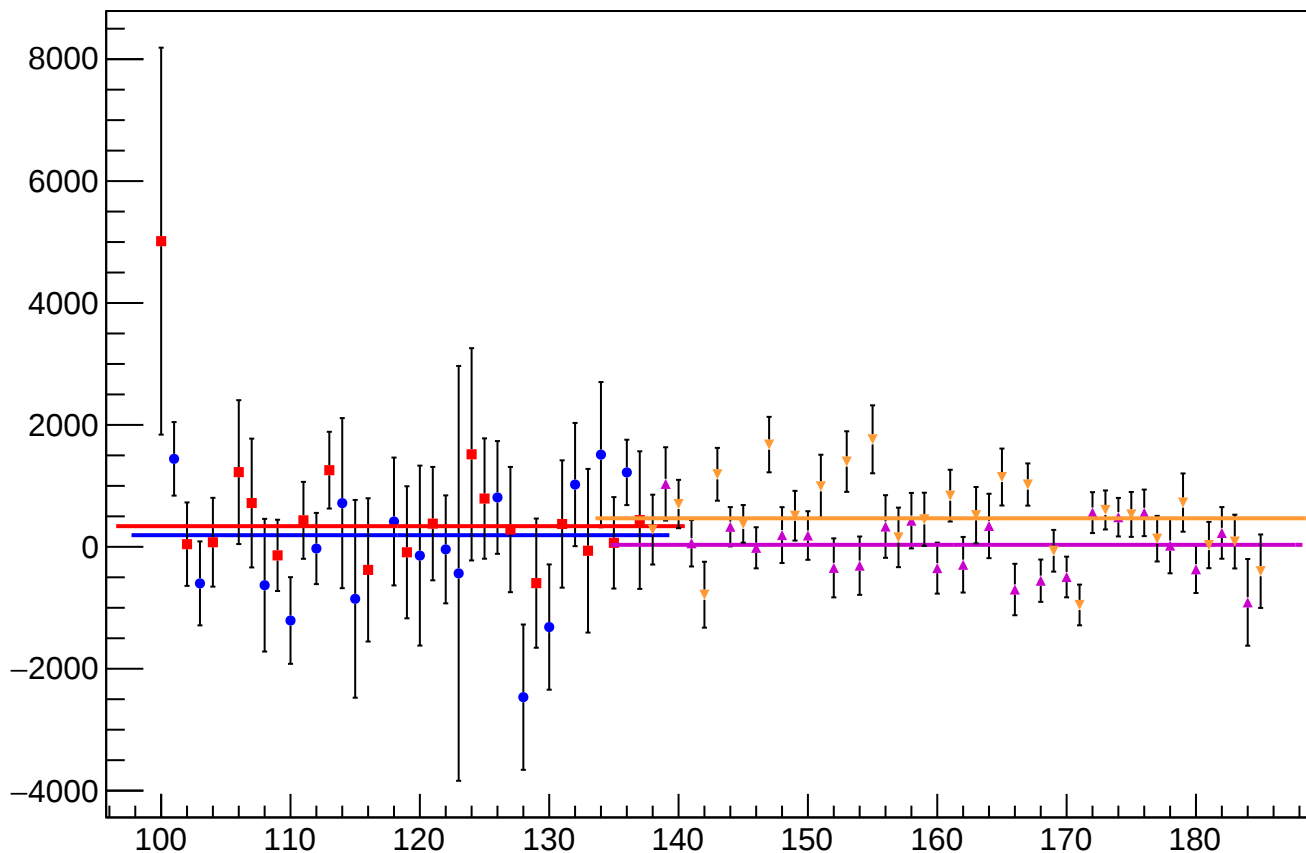
Left In: 345.954 $\pm$ 0.059 χ^2 /NDF: 900847.0/22

+ sign 371.728 $\pm$ 0.054 χ^2 /NDF: 2874103.4/41

All: 372.111 $\pm$ 0.039 χ^2 /NDF: 5774870.6/83

- sign 372.504 $\pm$ 0.055 χ^2 /NDF: 2900666.3/41

asym_sam_1357_avg_mean vs Slug



Right In: 190.958 ± 212.155 χ^2/NDF : 24.1/16

Left Out: 468.035 ± 83.304 χ^2/NDF : 57.6/24

Right Out: 339.084 ± 205.618 χ^2/NDF : 8.2/18

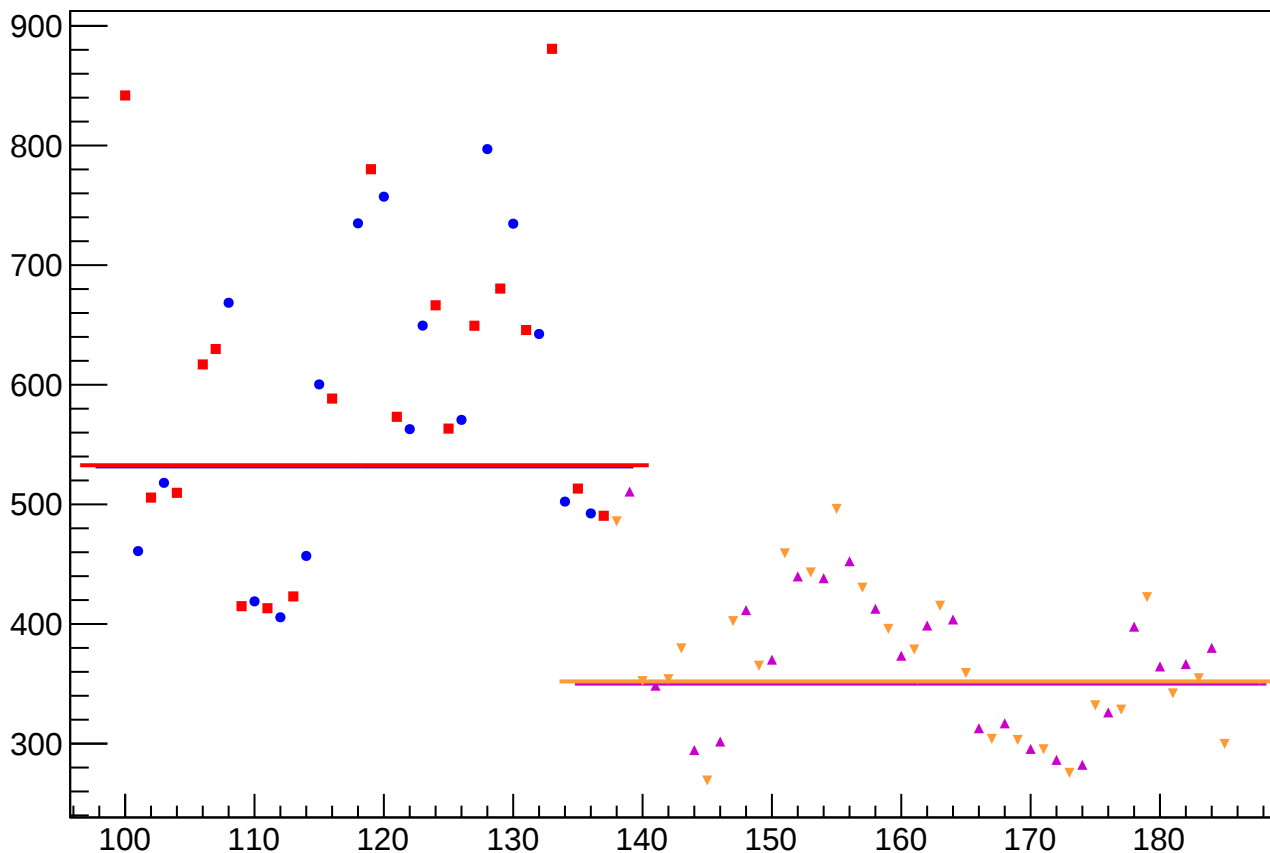
Left In: 32.801 ± 85.064 χ^2/NDF : 25.7/22

+ sign 431.022 ± 77.540 χ^2/NDF : 83.2/41

All: 256.696 ± 55.201 χ^2/NDF : 129.3/83

- sign 77.559 ± 78.603 χ^2/NDF : 35.8/41

asym_sam_1357_avg_rms vs Slug



Right In: 531.765 $\pm$ 0.150 χ^2 /NDF: 555969.6/16

Left Out: 352.005 $\pm$ 0.059 χ^2 /NDF: 1017180.6/24

Right Out: 532.709 $\pm$ 0.145 χ^2 /NDF: 617915.9/18

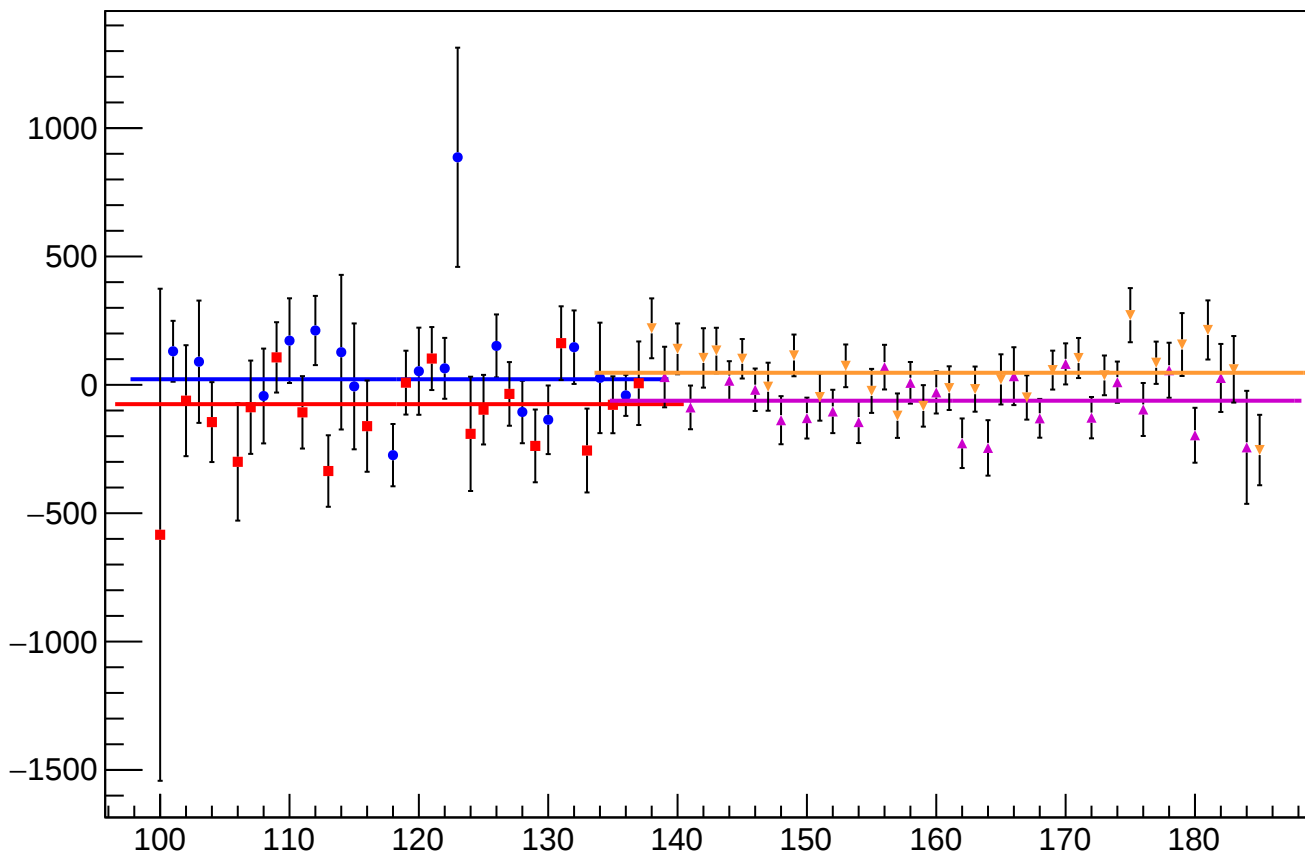
Left In: 350.160 $\pm$ 0.060 χ^2 /NDF: 878380.0/22

+ sign 376.018 $\pm$ 0.055 χ^2 /NDF: 2817201.0/41

All: 376.422 $\pm$ 0.039 χ^2 /NDF: 5659632.0/83

- sign 376.837 $\pm$ 0.056 χ^2 /NDF: 2842320.9/41

reg_asym_sam_2468_avg_mean vs Slug



Right In: 21.833 $\pm$ 34.638 χ^2 /NDF: 19.2/16

Left Out: 47.037 $\pm$ 18.254 χ^2 /NDF: 29.3/24

Right Out: -75.207 $\pm$ 34.800 χ^2 /NDF: 15.5/18

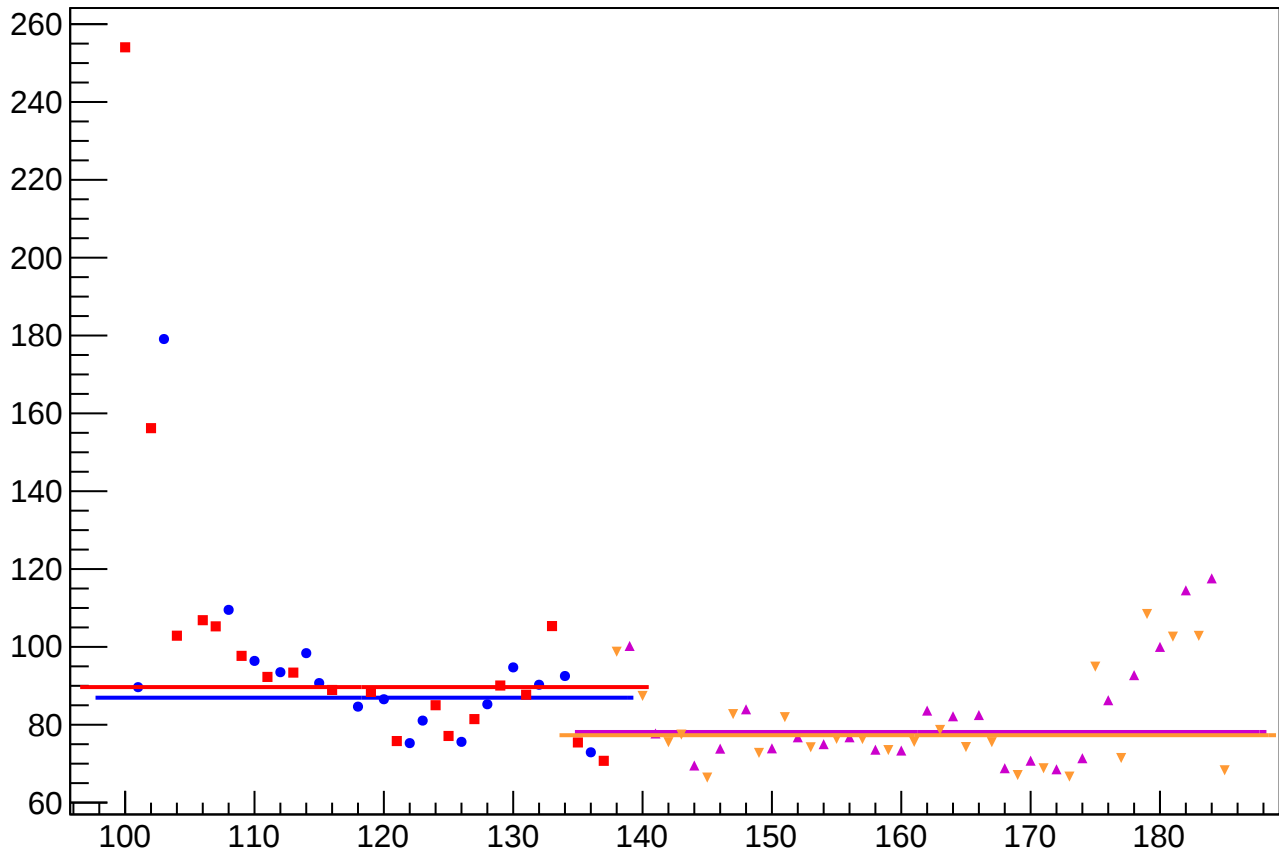
Left In: -61.830 $\pm$ 18.958 χ^2 /NDF: 24.0/22

+ sign 41.558 $\pm$ 16.149 χ^2 /NDF: 48.9/41

All: -10.047 $\pm$ 11.591 χ^2 /NDF: 109.6/83

- sign -64.891 $\pm$ 16.648 χ^2 /NDF: 39.6/41

reg_asym_sam_2468_avg_rms vs Slug



Right In: 86.949 $\pm$ 0.024 χ^2 /NDF: 453620.2/16

Left Out: 77.312 $\pm$ 0.013 χ^2 /NDF: 634886.5/24

Right Out: 89.674 $\pm$ 0.025 χ^2 /NDF: 429254.7/18

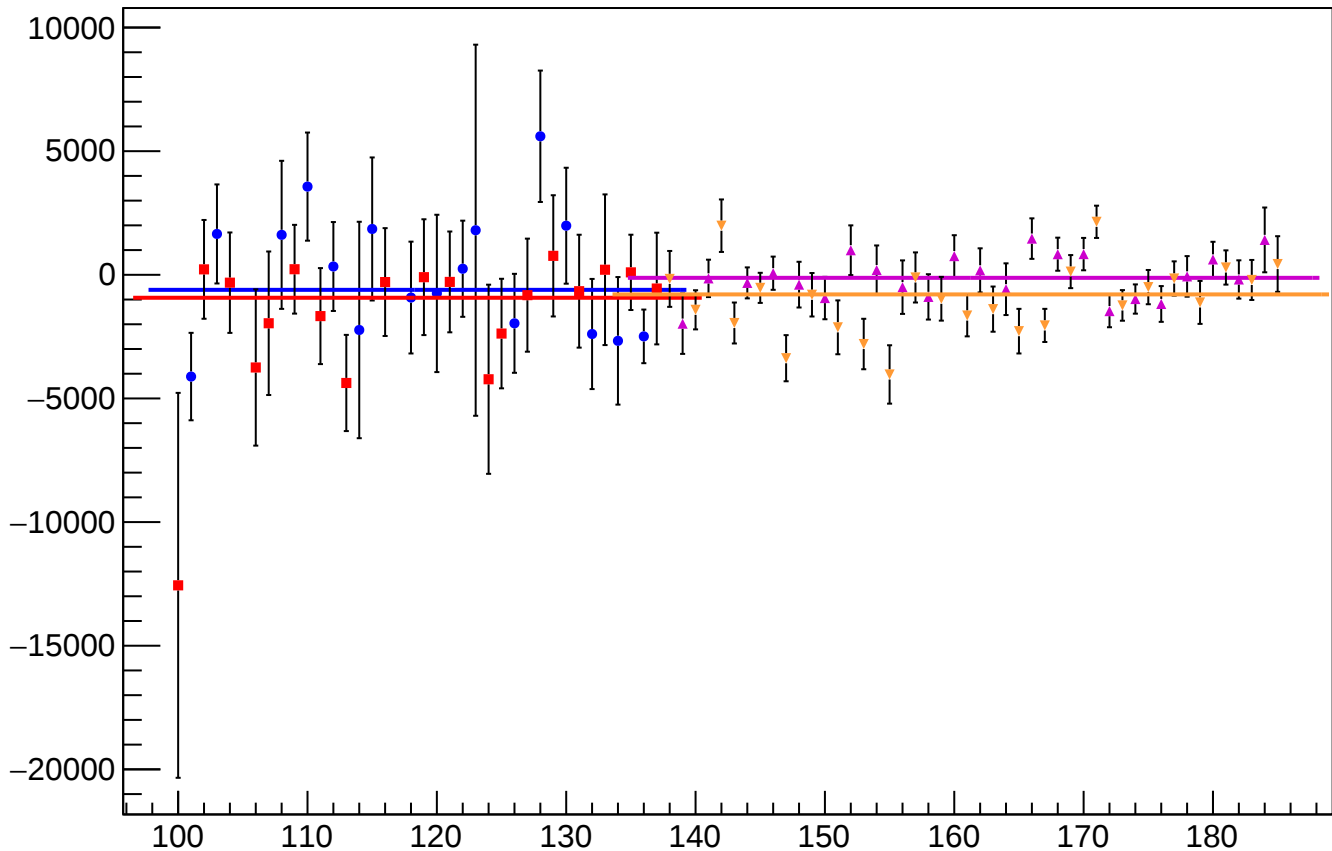
Left In: 78.139 $\pm$ 0.013 χ^2 /NDF: 582108.1/22

+ sign 79.407 $\pm$ 0.011 χ^2 /NDF: 1209668.2/41

All: 80.072 $\pm$ 0.008 χ^2 /NDF: 2397483.6/83

- sign 80.779 $\pm$ 0.012 χ^2 /NDF: 1180819.7/41

asym_sam_2468_avg_correction_mean vs Slug



Right In: -607.702 ± 518.220 χ^2/NDF : 22.3/16

Left Out: -792.431 ± 162.677 χ^2/NDF : 66.6/24

Right Out: -927.943 ± 515.777 χ^2/NDF : 9.9/18

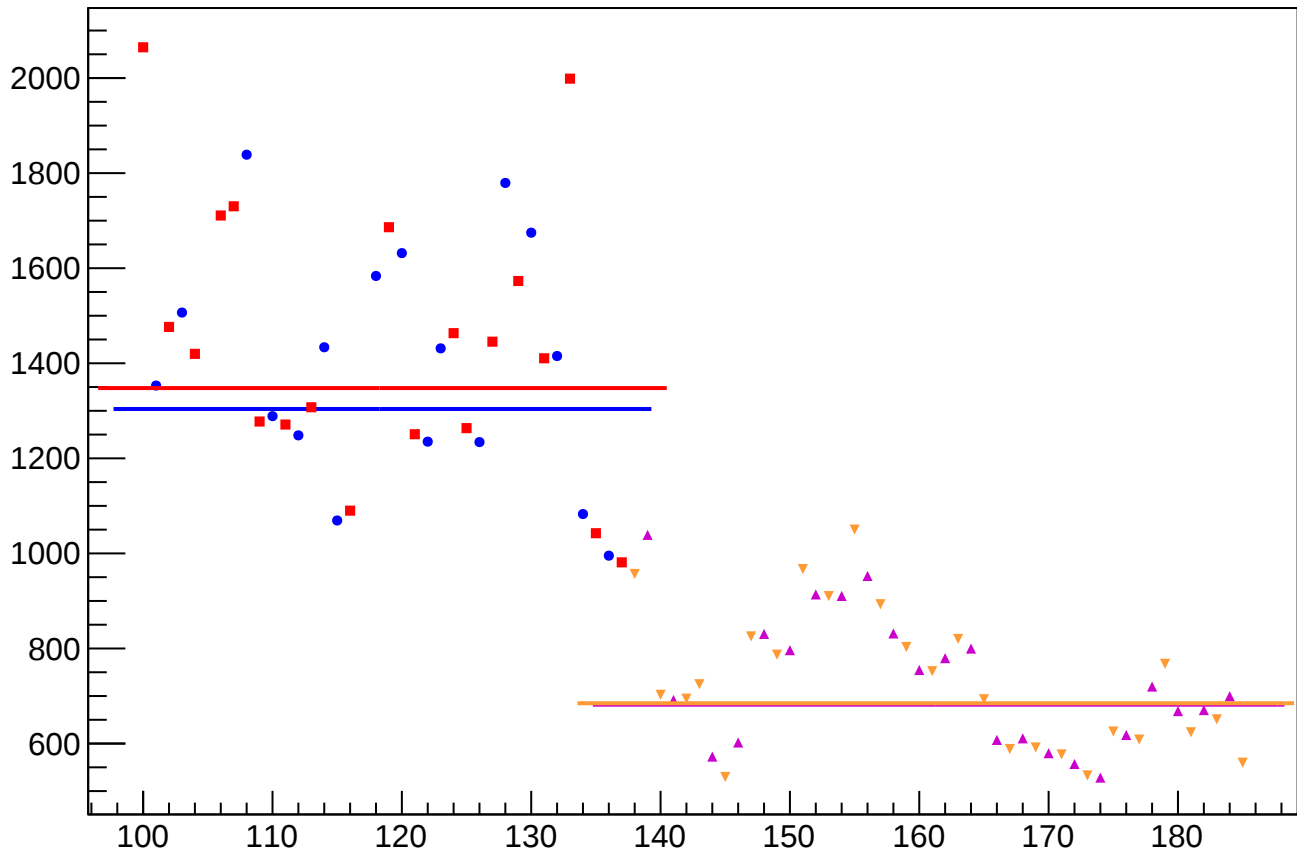
Left In: -122.198 ± 166.193 χ^2/NDF : 25.9/22

+ sign -775.861 ± 155.209 χ^2/NDF : 89.1/41

All: -492.409 ± 110.786 χ^2/NDF : 133.9/83

- sign -197.986 ± 158.184 χ^2/NDF : 38.0/41

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1303.810+/-0.366 χ^2/NDF : 456027.3/16

Left Out: 684.771+/-0.115 χ^2/NDF : 1280237.4/24

Right Out: 1347.826+/-0.365 χ^2/NDF : 421434.3/18

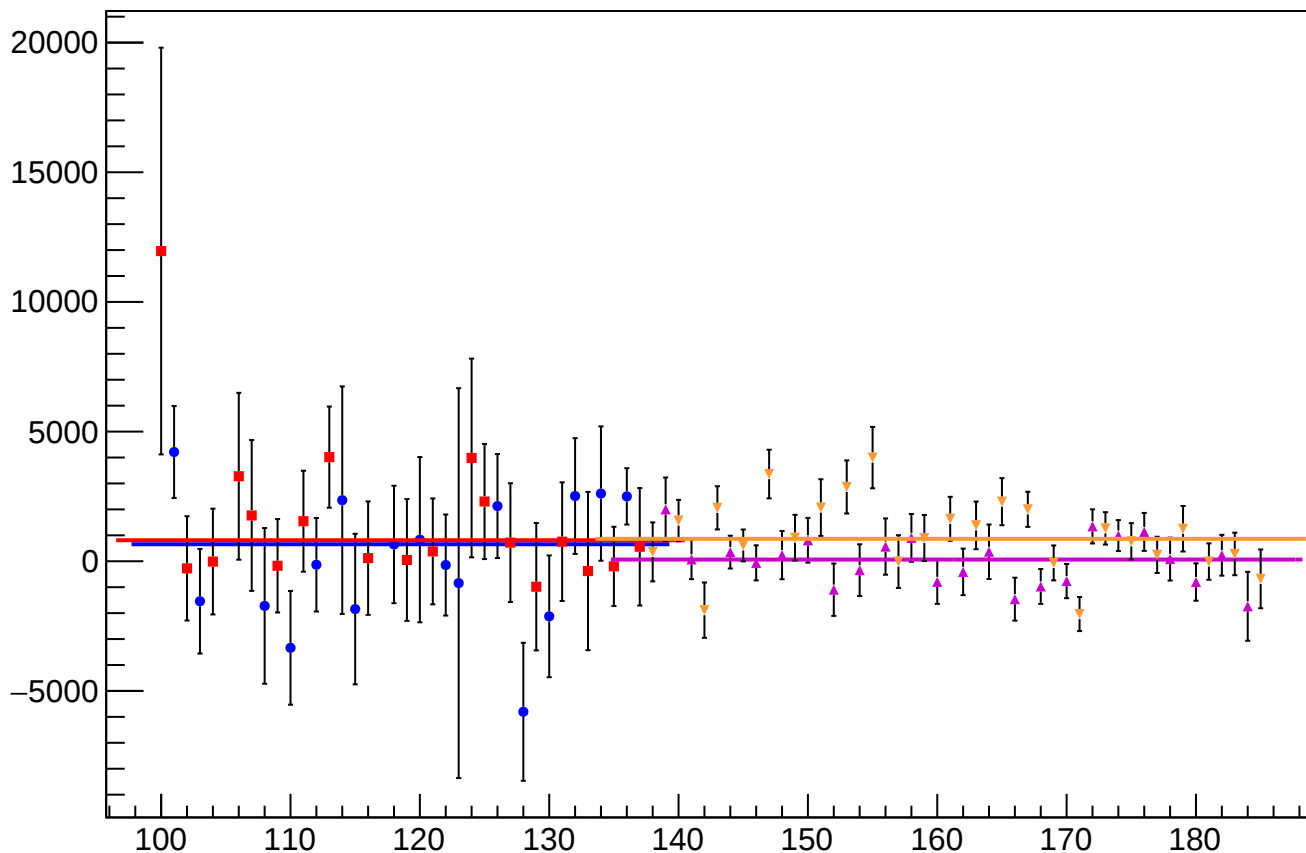
Left In: 681.712+/-0.118 χ^2/NDF : 1119637.0/22

+ sign 740.300+/-0.110 χ^2/NDF : 4334163.3/41

All: 742.295+/-0.078 χ^2/NDF : 8897966.4/83

- sign 744.367+/-0.112 χ^2/NDF : 4563129.6/41

asym_sam_2468_avg_mean vs Slug



Right In: 655.779 $\pm$ 519.695 χ^2 /NDF: 22.4/16

Left Out: 864.620 $\pm$ 163.903 χ^2 /NDF: 62.9/24

Right Out: 810.322 $\pm$ 517.488 χ^2 /NDF: 8.8/18

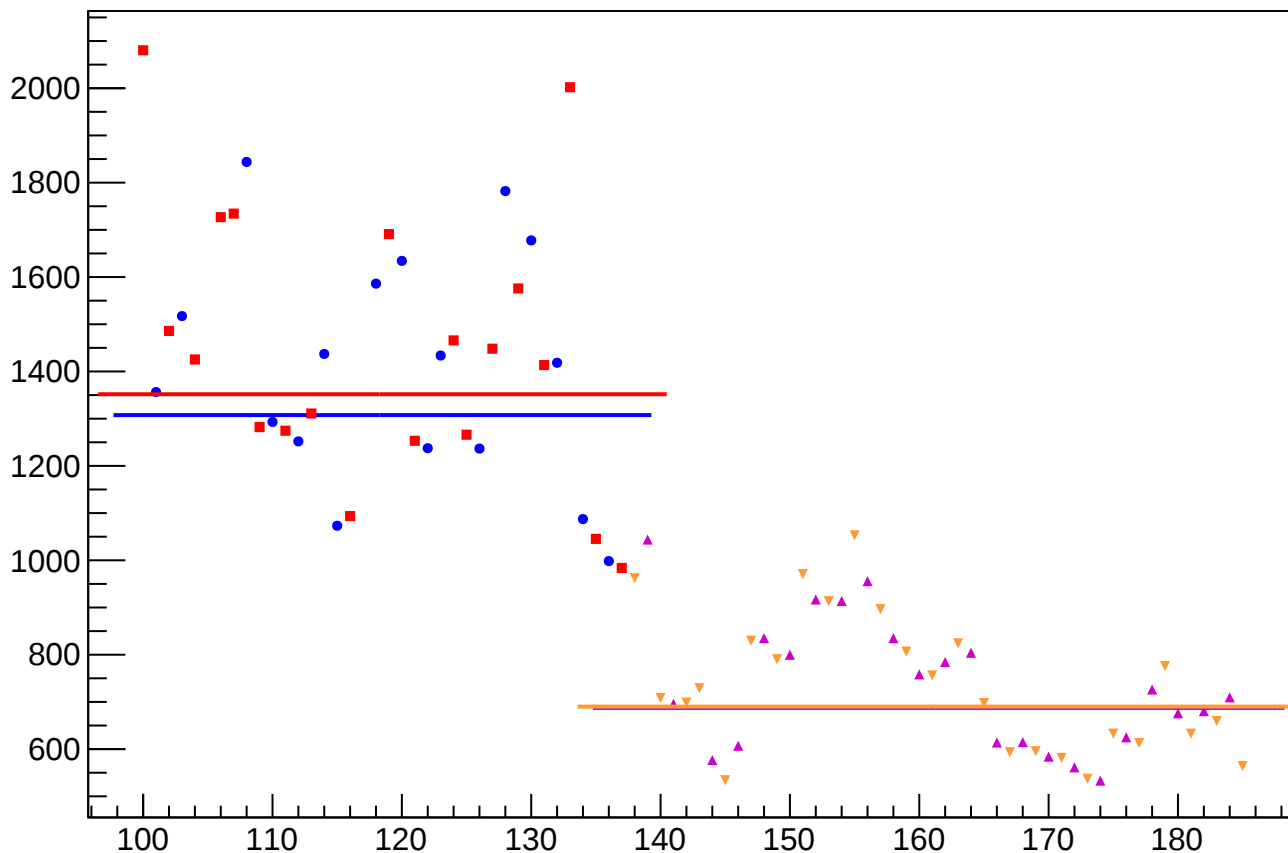
Left In: 65.924 $\pm$ 167.485 χ^2 /NDF: 26.4/22

+ sign 845.727 $\pm$ 156.313 χ^2 /NDF: 85.5/41

All: 497.931 $\pm$ 111.587 χ^2 /NDF: 132.7/83

- sign 136.506 $\pm$ 159.347 χ^2 /NDF: 37.1/41

asym_sam_2468_avg_rms vs Slug



Right In: 1307.585 $\pm$ 0.367 χ^2 /NDF: 455146.3/16

Left Out: 690.152 $\pm$ 0.116 χ^2 /NDF:1258239.4/24

Right Out: 1351.755 $\pm$ 0.366 χ^2 /NDF: 422451.1/18

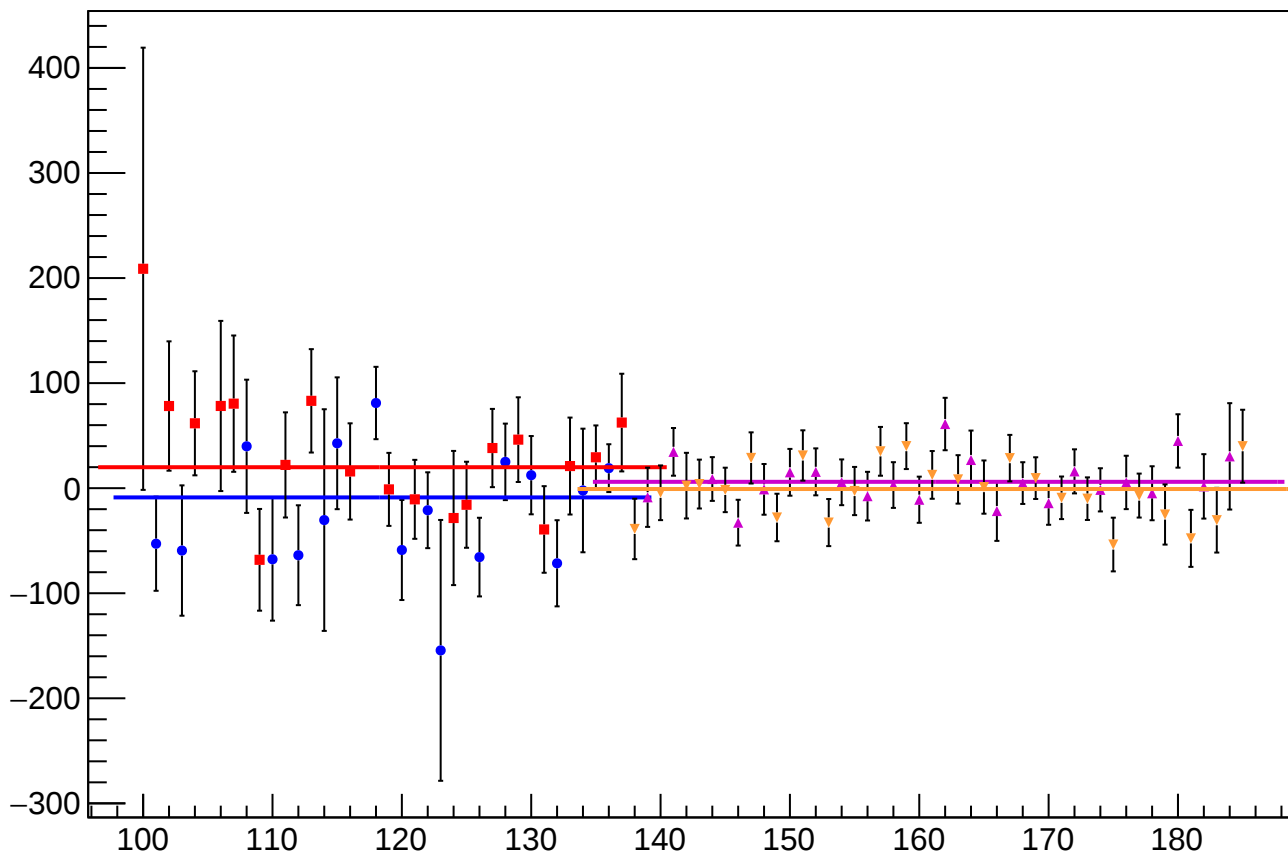
Left In: 687.216 $\pm$ 0.118 χ^2 /NDF:1099706.1/22

+ sign 746.010 $\pm$ 0.111 χ^2 /NDF: 4281007.0/41

All: 748.077 $\pm$ 0.079 χ^2 /NDF: 8789310.8/83

- sign 750.226 $\pm$ 0.113 χ^2 /NDF: 4507590.2/41

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -8.789 $\pm$ 10.423 χ^2 /NDF: 22.0/16

Left Out: -0.799 $\pm$ 4.761 χ^2 /NDF: 27.7/24

Right Out: 19.948 $\pm$ 10.470 χ^2 /NDF: 14.8/18

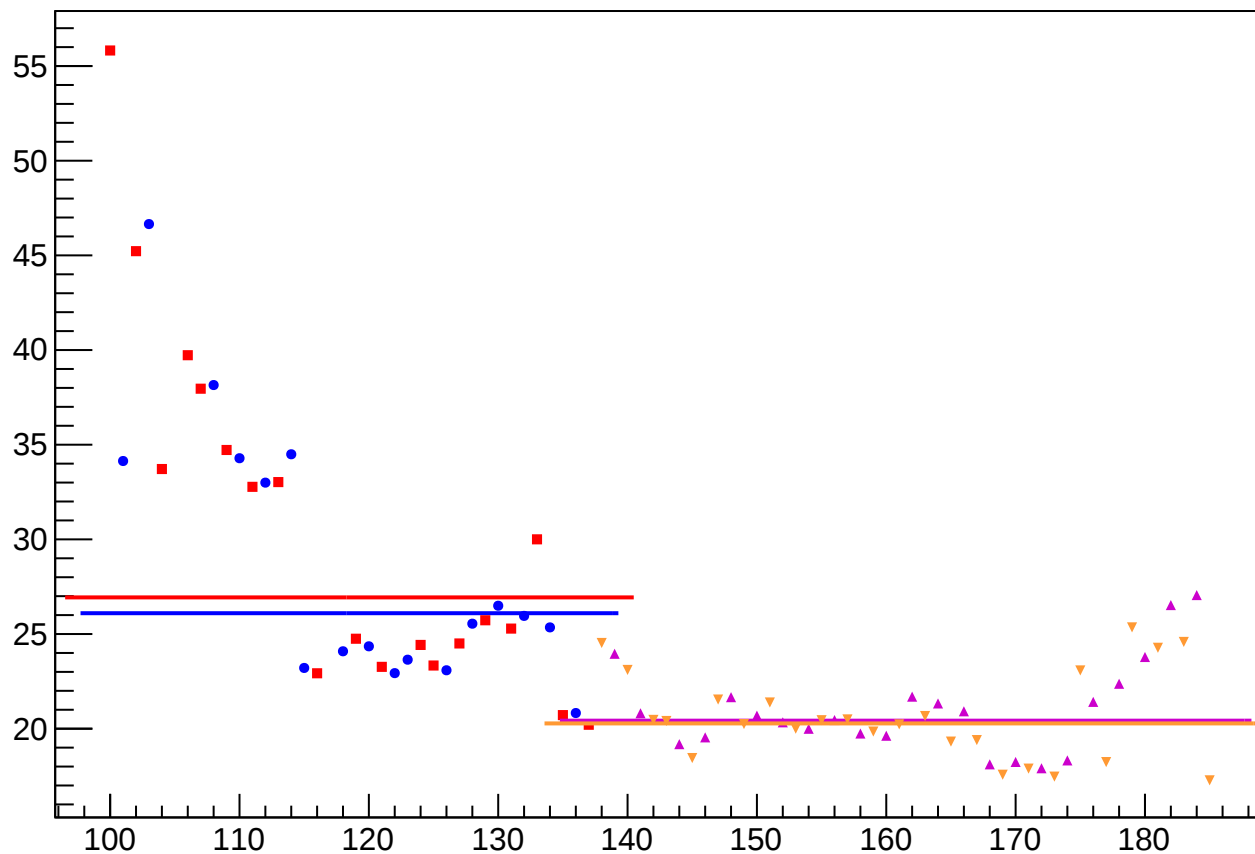
Left In: 6.042 $\pm$ 4.925 χ^2 /NDF: 16.9/22

+ sign -2.178 $\pm$ 4.330 χ^2 /NDF: 50.3/41

All: 3.037 $\pm$ 3.106 χ^2 /NDF: 86.4/83

- sign 8.562 $\pm$ 4.457 χ^2 /NDF: 33.2/41

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.100 ± 0.007 $\chi^2/\text{NDF}: 601502.5/16$

Left Out: 20.278 ± 0.003 $\chi^2/\text{NDF}: 406618.6/24$

Right Out: 26.935 ± 0.007 $\chi^2/\text{NDF}: 677999.1/18$

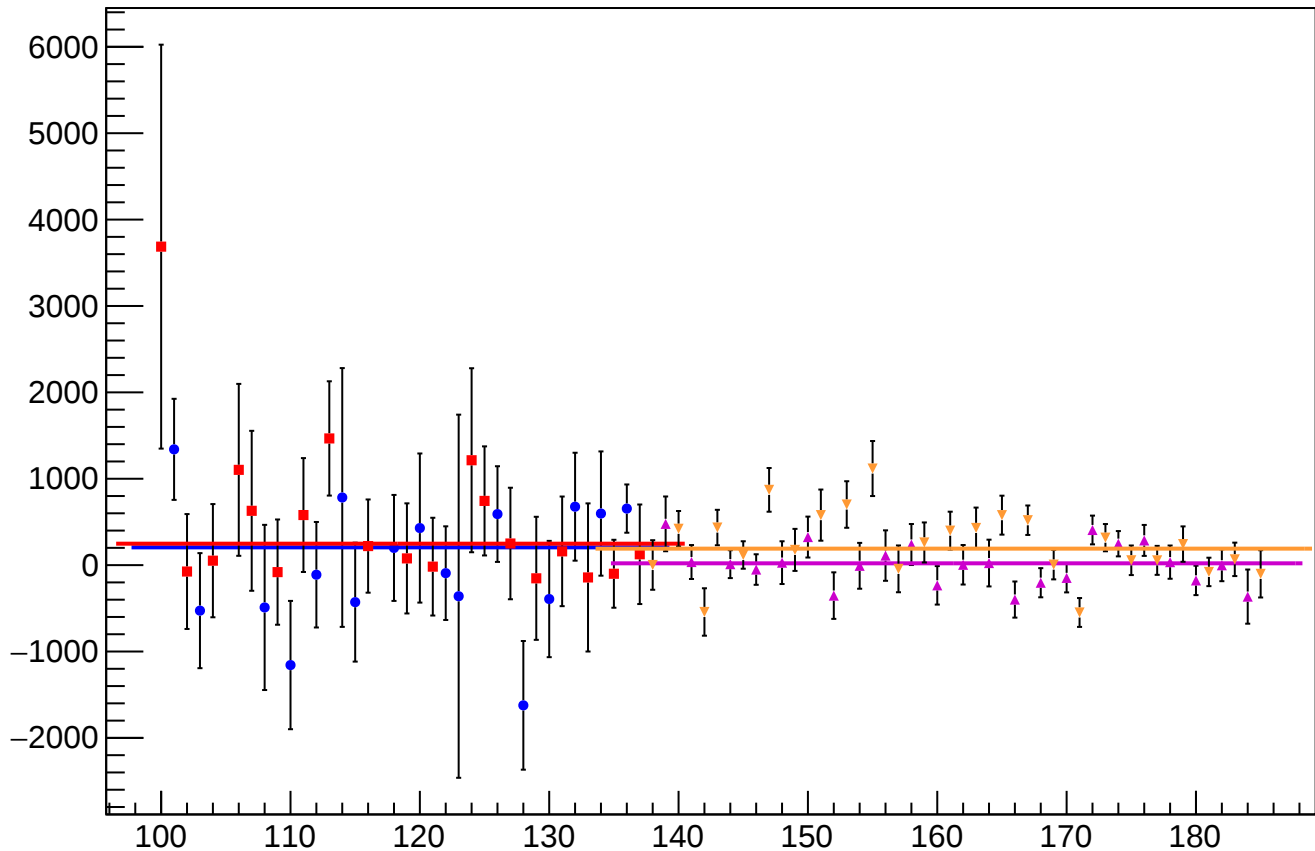
Left In: 20.424 ± 0.003 $\chi^2/\text{NDF}: 323427.4/22$

+ sign 21.283 ± 0.003 $\chi^2/\text{NDF}: 1524341.3/41$

All: 21.439 ± 0.002 $\chi^2/\text{NDF}: 3164403.8/83$

- sign 21.604 ± 0.003 $\chi^2/\text{NDF}: 1634747.7/41$

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 205.606 ± 148.196 χ^2/NDF : 21.3/16

Left Out: 190.917 ± 41.319 χ^2/NDF : 67.9/24

Right Out: 248.324 ± 150.188 χ^2/NDF : 10.4/18

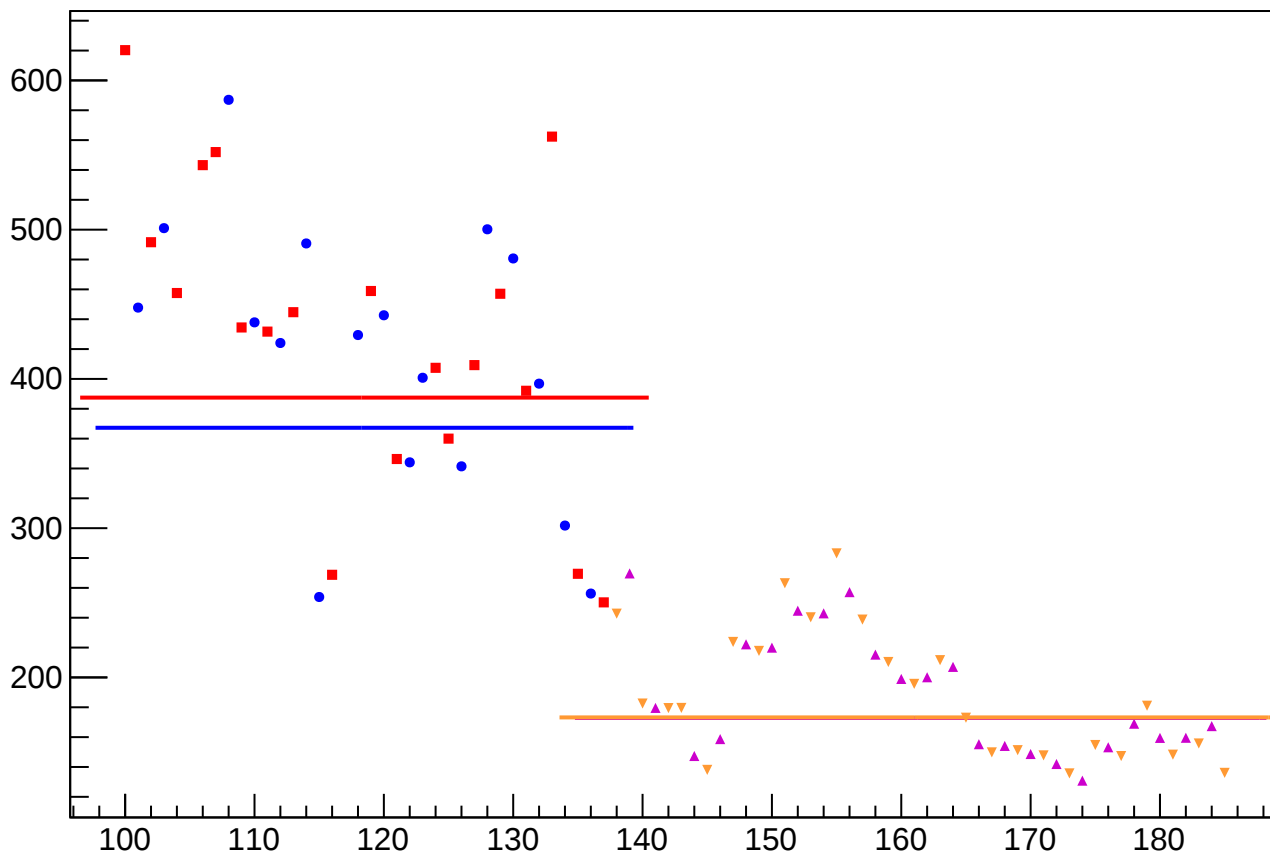
Left In: 20.998 ± 42.291 χ^2/NDF : 27.7/22

+ sign 191.977 ± 39.801 χ^2/NDF : 89.2/41

All: 116.575 ± 28.459 χ^2/NDF : 136.8/83

- sign 37.699 ± 40.708 χ^2/NDF : 40.3/41

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 367.272 $\pm$ 0.105 χ^2 /NDF: 829589.7/16

Left Out: 173.208 $\pm$ 0.029 χ^2 /NDF: 1561418.9/24

Right Out: 387.481 $\pm$ 0.106 χ^2 /NDF: 774967.1/18

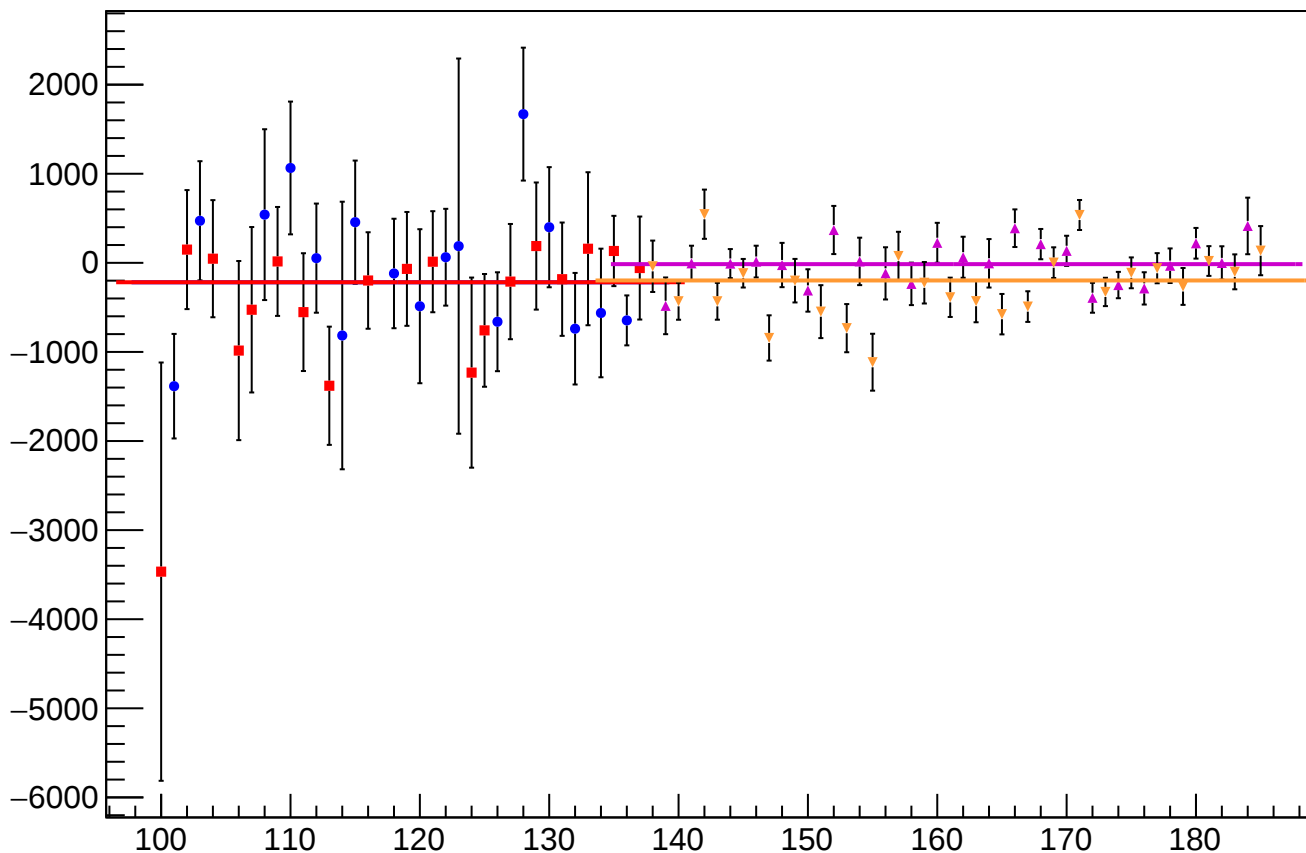
Left In: 172.828 $\pm$ 0.030 χ^2 /NDF: 1372131.7/22

+ sign 187.206 $\pm$ 0.028 χ^2 /NDF: 5573272.4/41

All: 187.886 $\pm$ 0.020 χ^2 /NDF: 11506790.8/83

- sign 188.597 $\pm$ 0.029 χ^2 /NDF: 5932323.4/41

asym_sam_1357_2468_dd_mean vs Slug



Right In: -218.471 ± 148.628 χ^2/NDF : 21.5/16

Left Out: -197.872 ± 41.643 χ^2/NDF : 64.3/24

Right Out: -217.922 ± 150.640 χ^2/NDF : 9.8/18

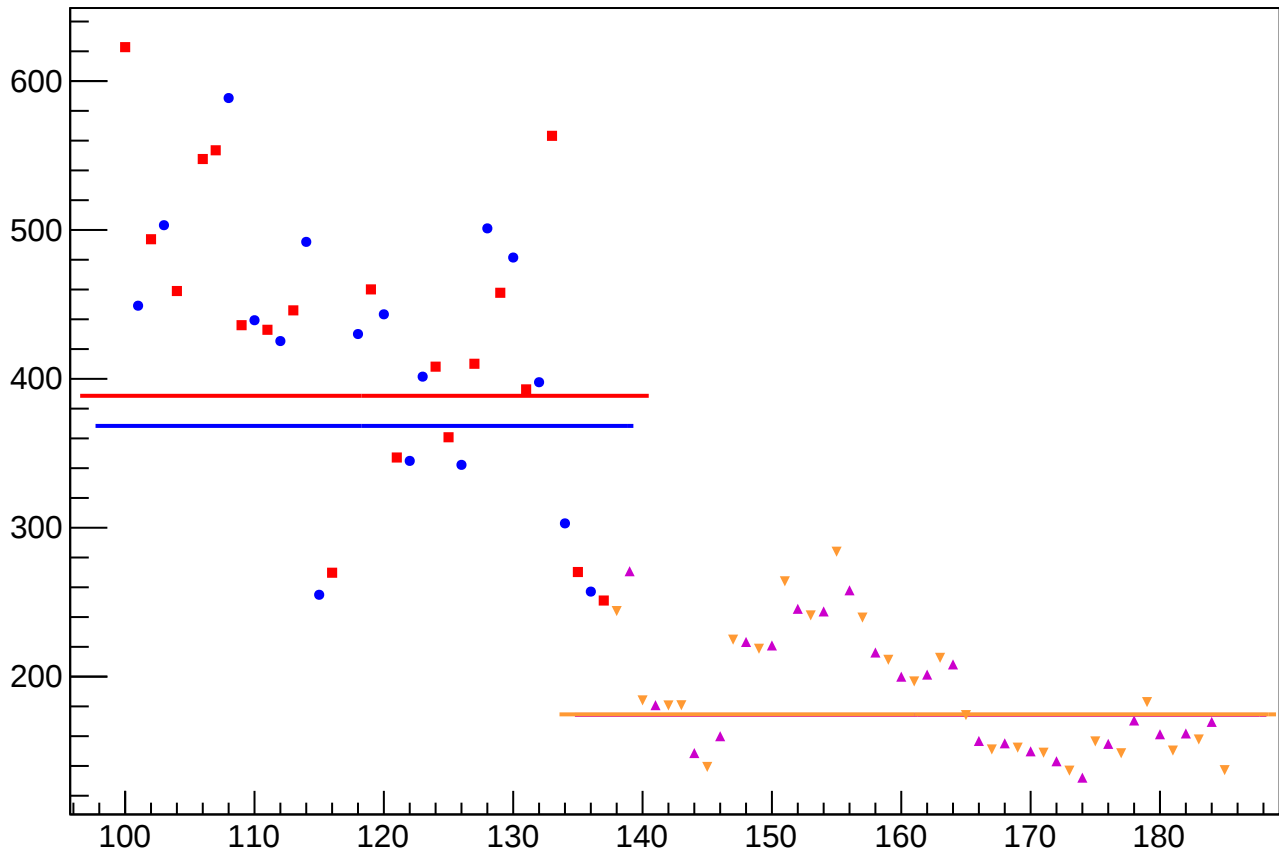
Left In: -14.616 ± 42.629 χ^2/NDF : 27.7/22

+ sign -199.372 ± 40.099 χ^2/NDF : 85.8/41

All: -116.454 ± 28.674 χ^2/NDF : 133.7/83

- sign -29.690 ± 41.019 χ^2/NDF : 39.2/41

asym_sam_1357_2468_dd_rms vs Slug



Right In: 368.392+/-0.105 χ^2/NDF : 826964.8/16

Left Out: 174.646+/-0.029 χ^2/NDF :1532160.2/24

Right Out: 388.611+/-0.107 χ^2/NDF : 775115.8/18

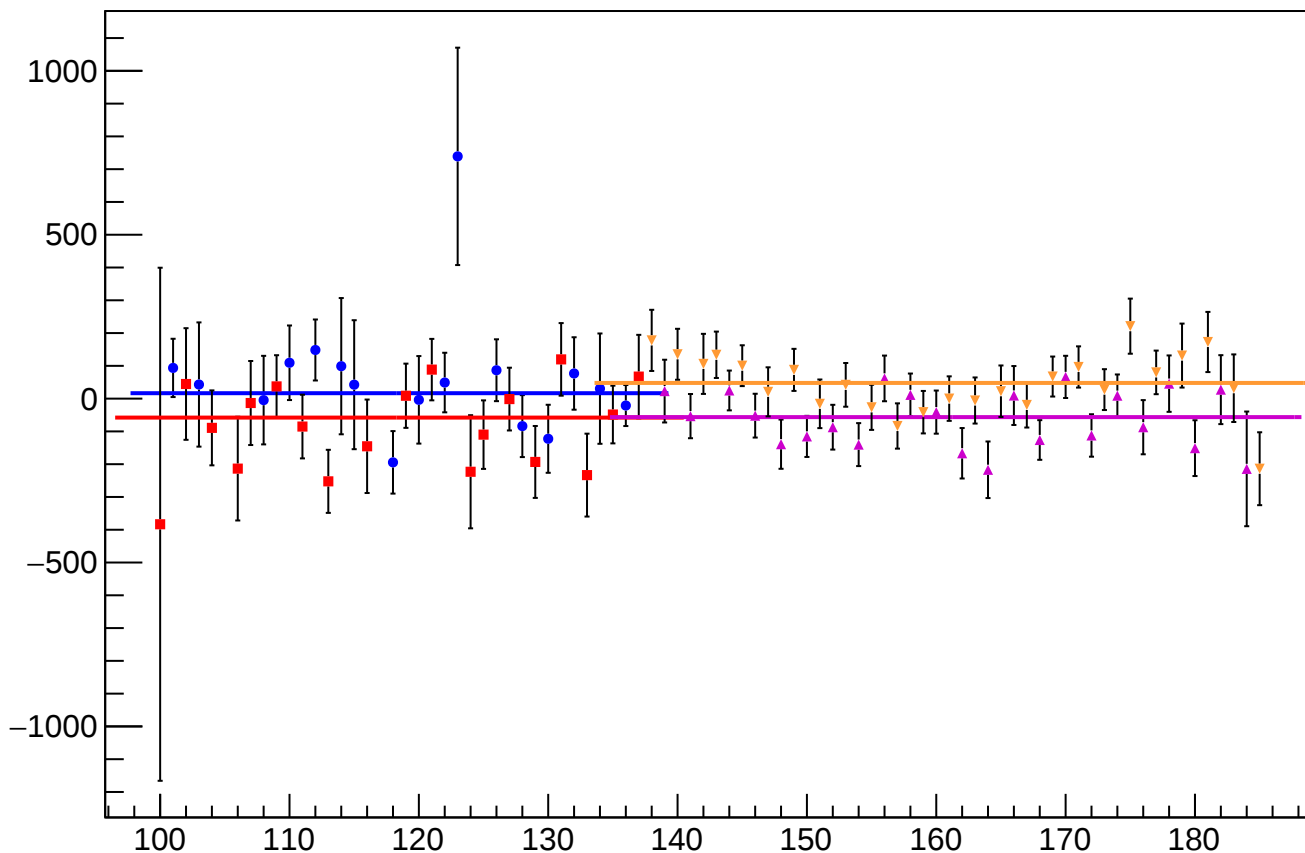
Left In: 174.288+/-0.030 χ^2/NDF :1344779.5/22

+ sign 188.748+/-0.028 χ^2/NDF : 5510295.3/41

All: 189.447+/-0.020 χ^2/NDF : 11379706.9/83

- sign 190.179+/-0.029 χ^2/NDF : 5868167.0/41

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 16.561 $\pm$ 26.377 χ^2 /NDF: 17.6/16

Left Out: 47.887 $\pm$ 14.617 χ^2 /NDF:29.3/24

Right Out: -57.839 $\pm$ 26.196 χ^2 /NDF: 18.7/18

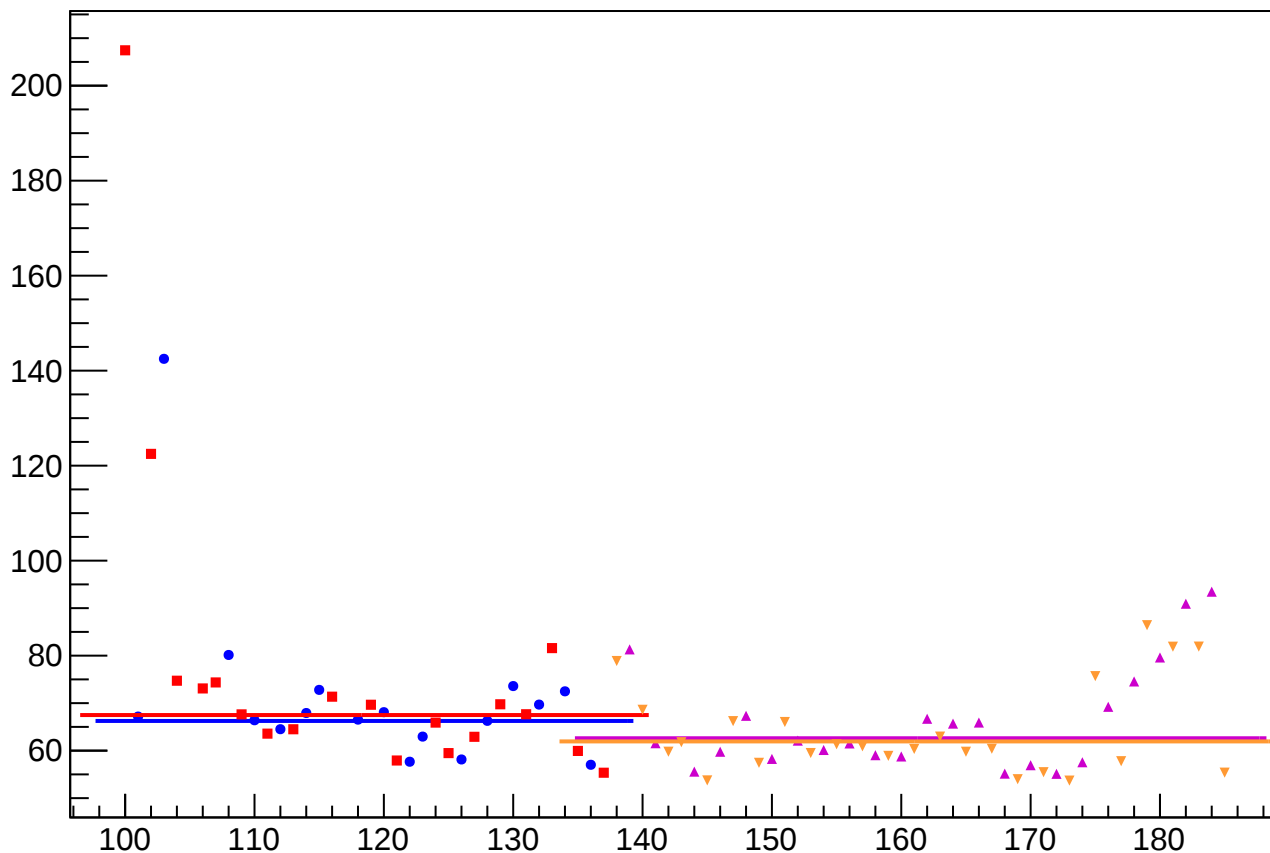
Left In: -56.403 $\pm$ 15.182 χ^2 /NDF:27.5/22

+ sign 40.527 $\pm$ 12.785 χ^2 /NDF: 48.0/41

All: -6.803 $\pm$ 9.162 χ^2 /NDF: 122.2/83

- sign -56.764 $\pm$ 13.135 χ^2 /NDF: 46.1/41

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 66.252 ± 0.019 χ^2/NDF : 439625.4/16

Left Out: 61.943 ± 0.010 χ^2/NDF : 604305.6/24

Right Out: 67.493 ± 0.019 χ^2/NDF : 392346.8/18

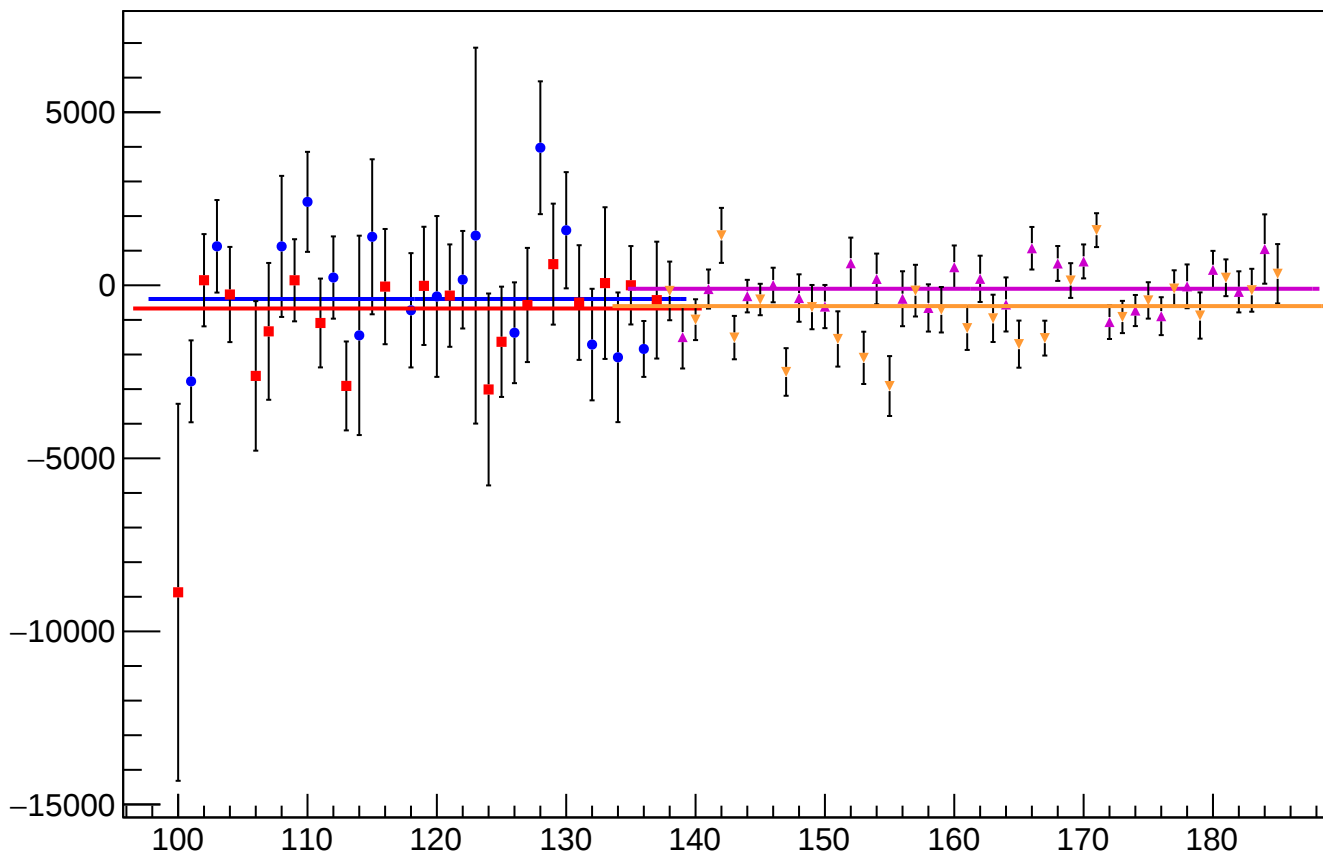
Left In: 62.607 ± 0.011 χ^2/NDF : 575516.1/22

+ sign 62.956 ± 0.009 χ^2/NDF : 1084769.7/41

All: 63.384 ± 0.006 χ^2/NDF : 2109327.9/83

- sign 63.836 ± 0.009 χ^2/NDF : 1019948.9/41

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -395.700 ± 367.296 χ^2/NDF : 22.7/16

Left Out: -601.107 ± 122.131 χ^2/NDF : 65.4/24

Right Out: -670.465 ± 362.692 χ^2/NDF : 9.7/18

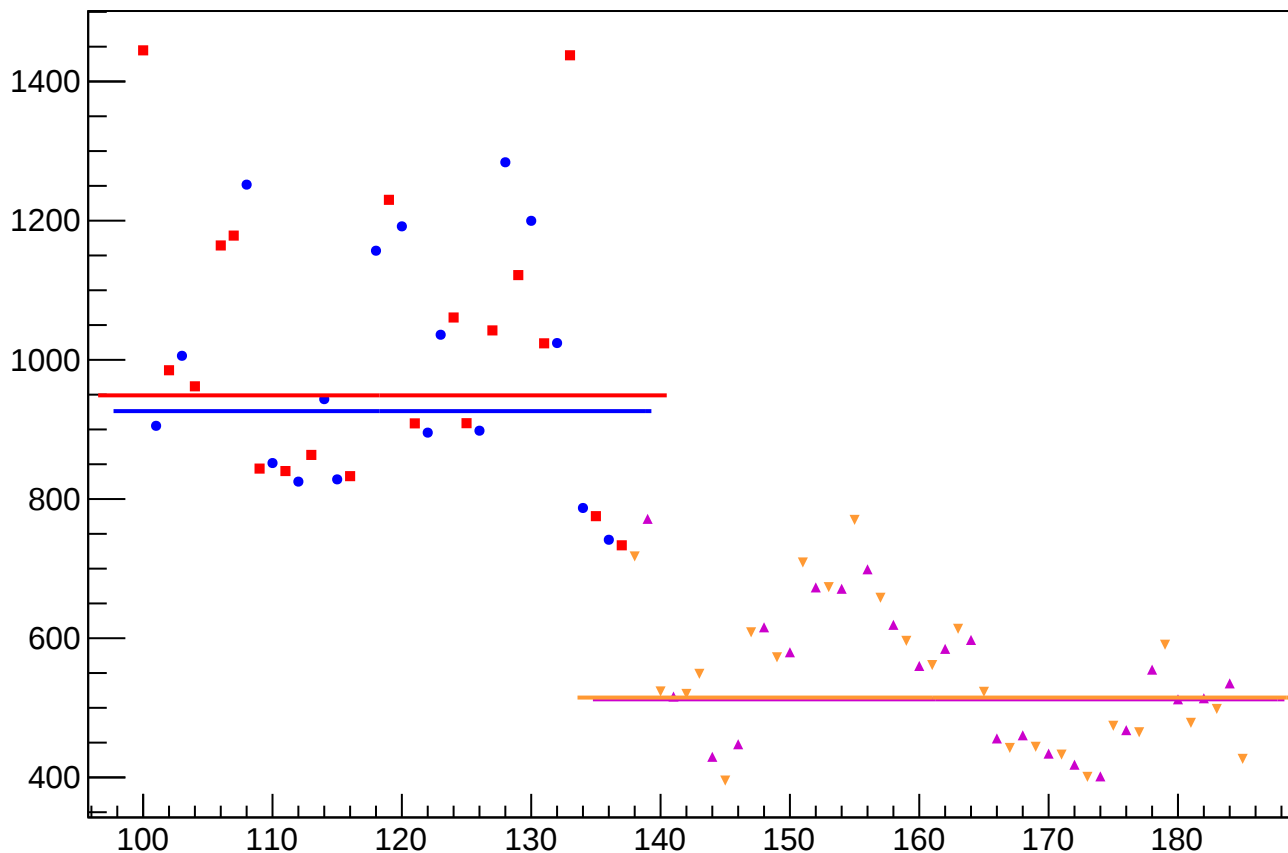
Left In: -100.548 ± 124.725 χ^2/NDF : 25.5/22

+ sign -580.657 ± 115.892 χ^2/NDF : 88.4/41

All: -374.423 ± 82.665 χ^2/NDF : 132.3/83

- sign -160.818 ± 117.946 χ^2/NDF : 37.4/41

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 926.339 $\pm$ 0.260 χ^2 /NDF: 395813.5/16

Left Out: 514.746 $\pm$ 0.086 χ^2 /NDF: 1195005.5/24

Right Out: 948.981 $\pm$ 0.256 χ^2 /NDF: 382928.4/18

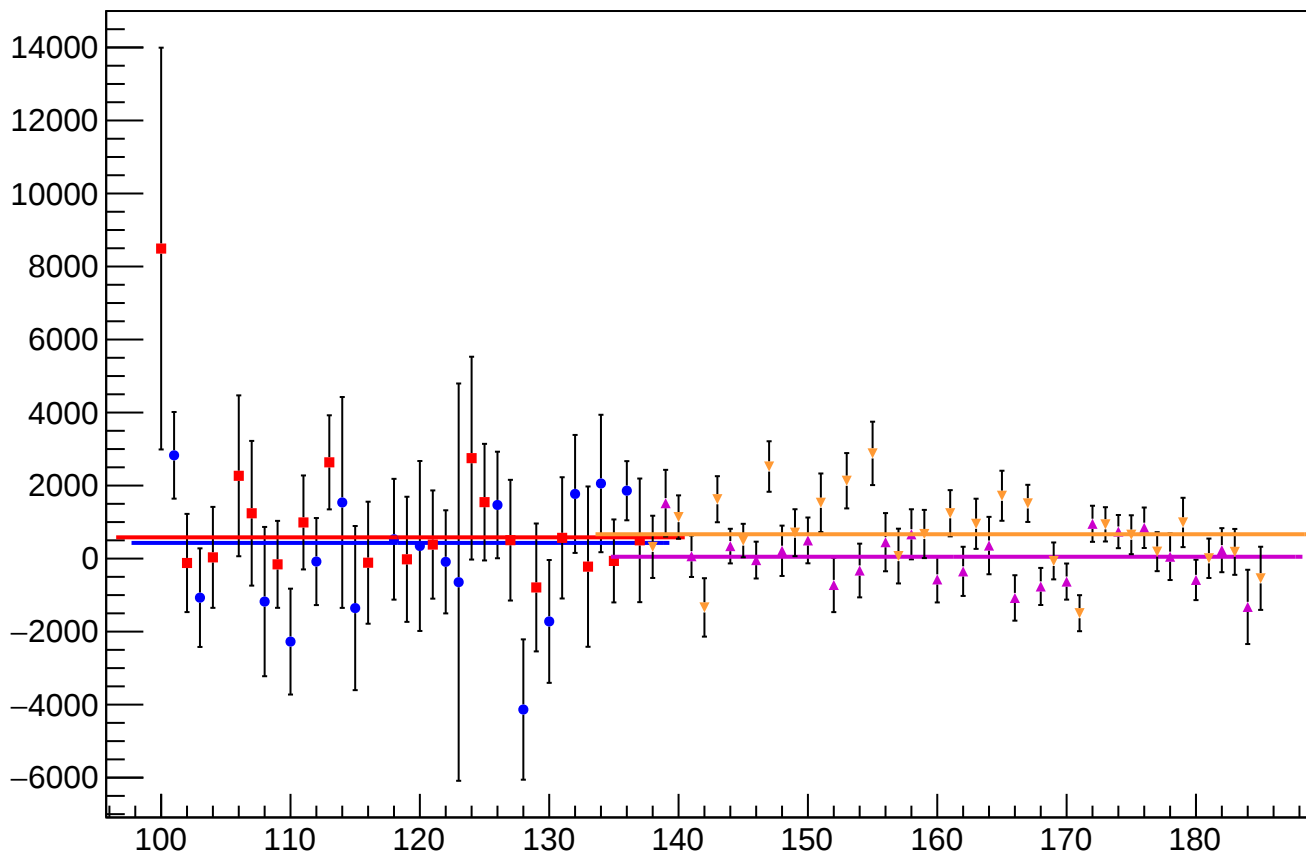
Left In: 512.199 $\pm$ 0.088 χ^2 /NDF: 1041302.8/22

+ sign 555.723 $\pm$ 0.082 χ^2 /NDF: 3852289.2/41

All: 557.033 $\pm$ 0.058 χ^2 /NDF: 7870860.0/83

- sign 558.389 $\pm$ 0.083 χ^2 /NDF: 4018050.9/41

asym_sam_12345678_avg_mean vs Slug



Right In: 429.343+/-368.550 χ^2/NDF : 22.9/16

Left Out: 666.715+/-123.158 χ^2/NDF : 61.6/24

Right Out: 582.178+/-364.139 χ^2/NDF : 8.6/18

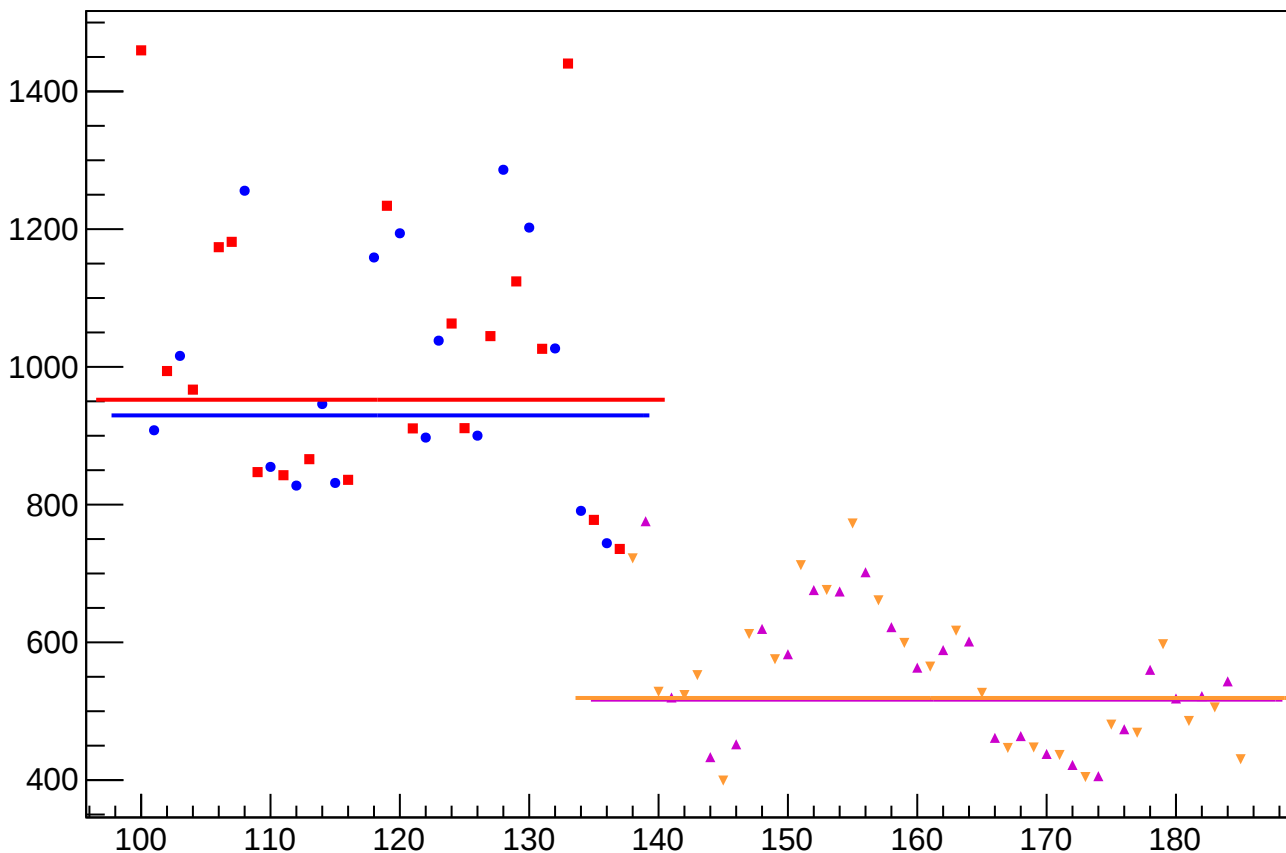
Left In: 50.079+/-125.805 χ^2/NDF : 26.1/22

+ sign 642.871+/-116.809 χ^2/NDF : 84.8/41

All: 379.618+/-83.329 χ^2/NDF : 131.7/83

- sign 106.818+/-118.908 χ^2/NDF : 36.6/41

asym_sam_12345678_avg_rms vs Slug



Right In: 929.549 $\pm$ 0.261 χ^2 /NDF: 394903.7/16

Left Out: 519.242 $\pm$ 0.087 χ^2 /NDF:1172460.3/24

Right Out: 952.283 $\pm$ 0.257 χ^2 /NDF: 383199.7/18

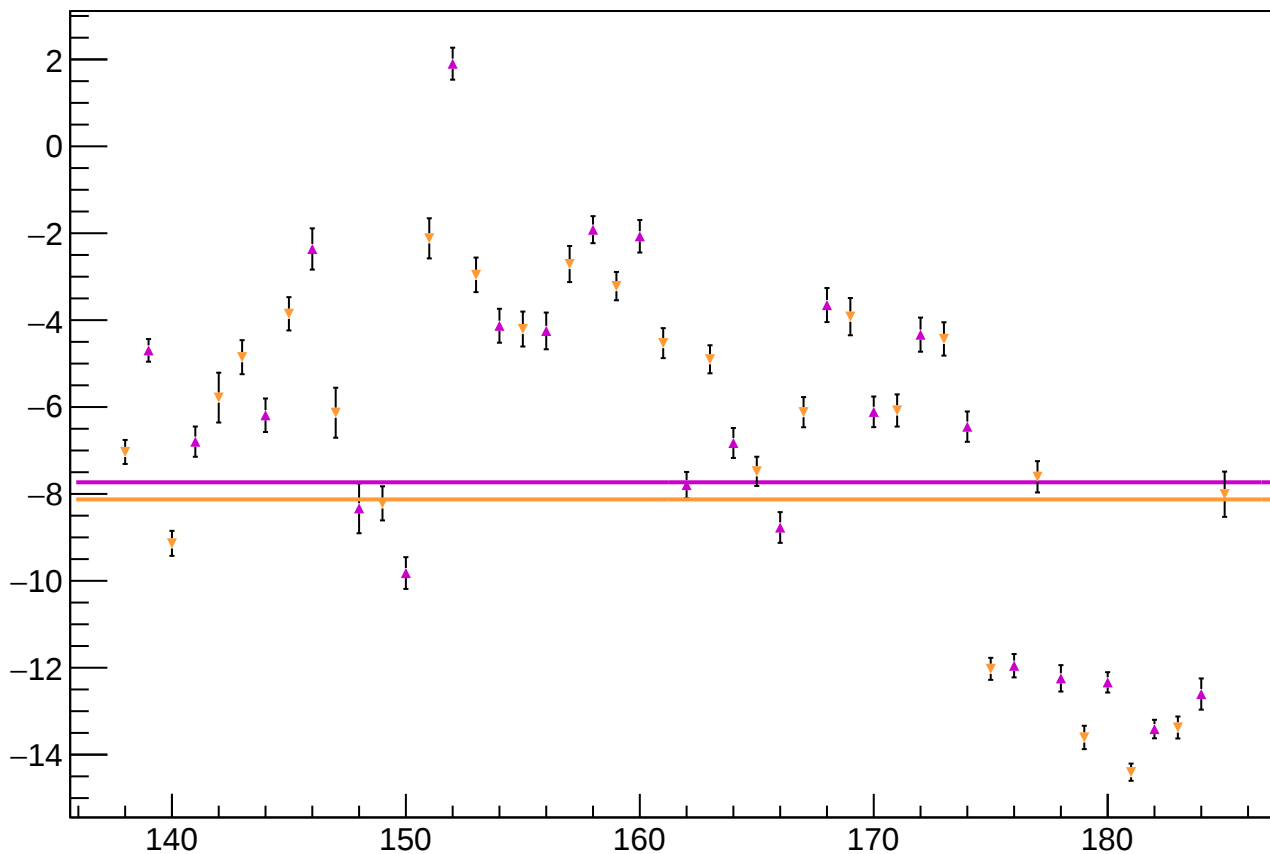
Left In: 516.792 $\pm$ 0.089 χ^2 /NDF:1021374.1/22

+ sign 560.458 $\pm$ 0.083 χ^2 /NDF: 3797238.3/41

All: 561.819 $\pm$ 0.059 χ^2 /NDF: 7757919.9/83

- sign 563.230 $\pm$ 0.084 χ^2 /NDF: 3960128.6/41

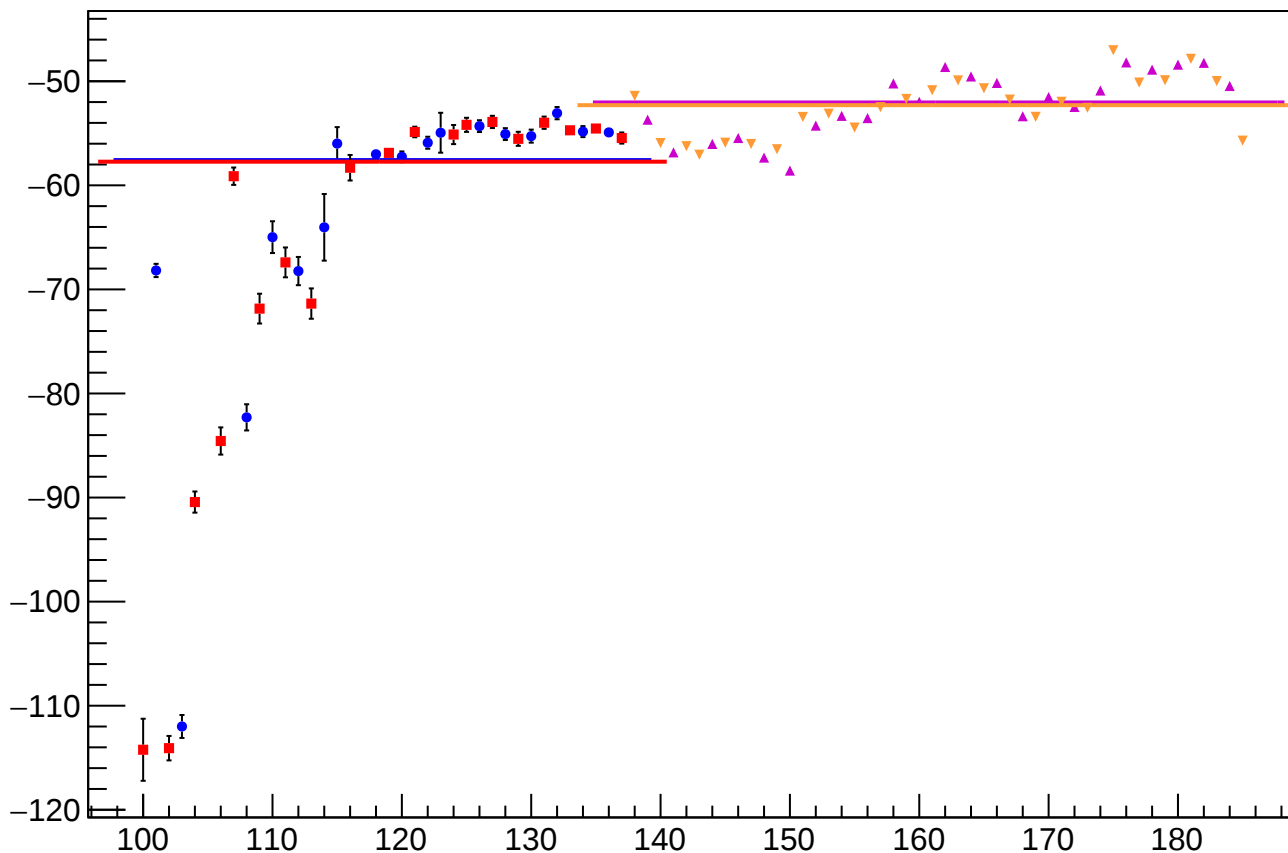
reg_asym_sam1_diff_bpm1X_slope vs Slug



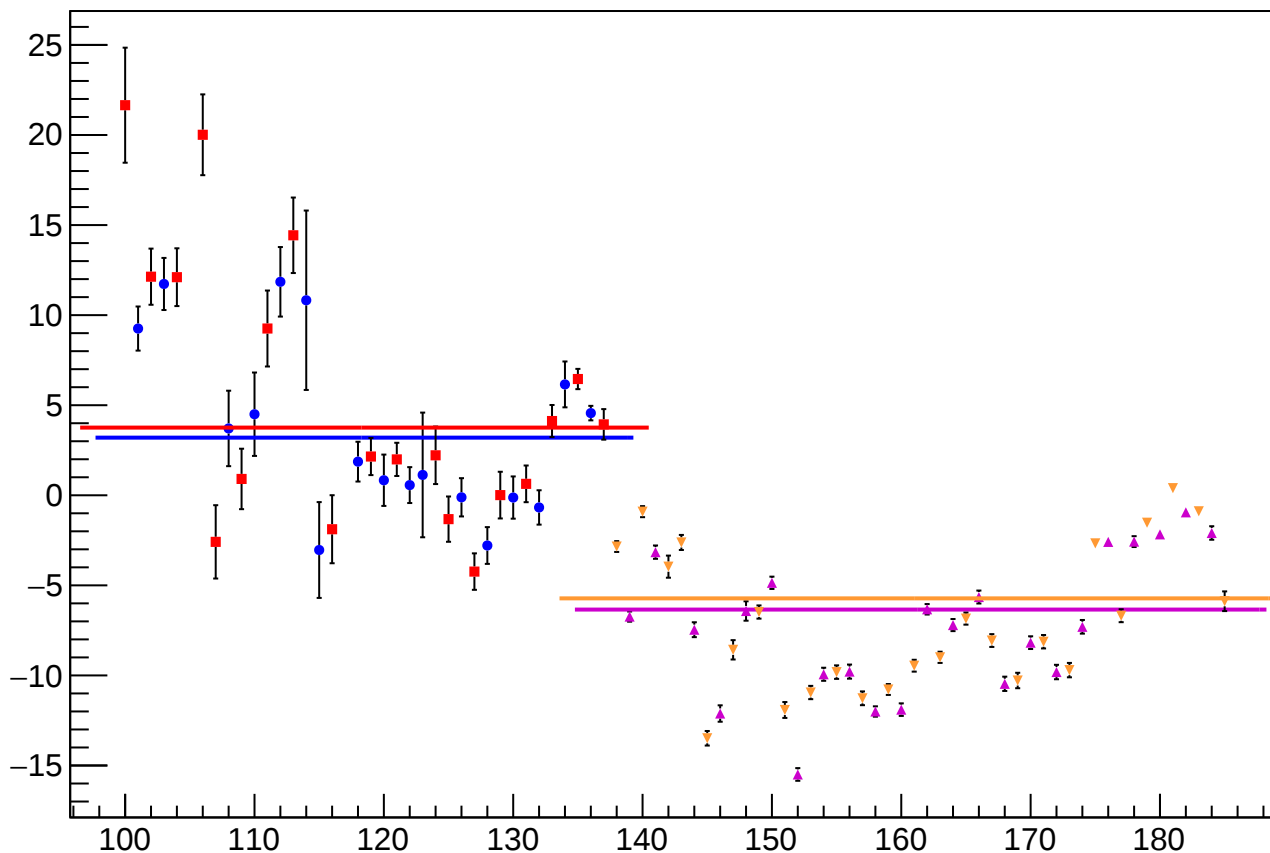
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.126 $\pm$ 0.067 χ^2 /NDF:3636.4/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.732 $\pm$ 0.069 χ^2 /NDF:3719.0/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -7.933 $\pm$ 0.048 χ^2 /NDF: 7372.2/47
 - sign 0.000 $\pm$ 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: 3.200 ± 0.259 χ^2/NDF : 184.7/16

Left Out: -5.723 ± 0.068 χ^2/NDF : 3984.5/24

Right Out: 3.758 ± 0.268 χ^2/NDF : 320.9/18

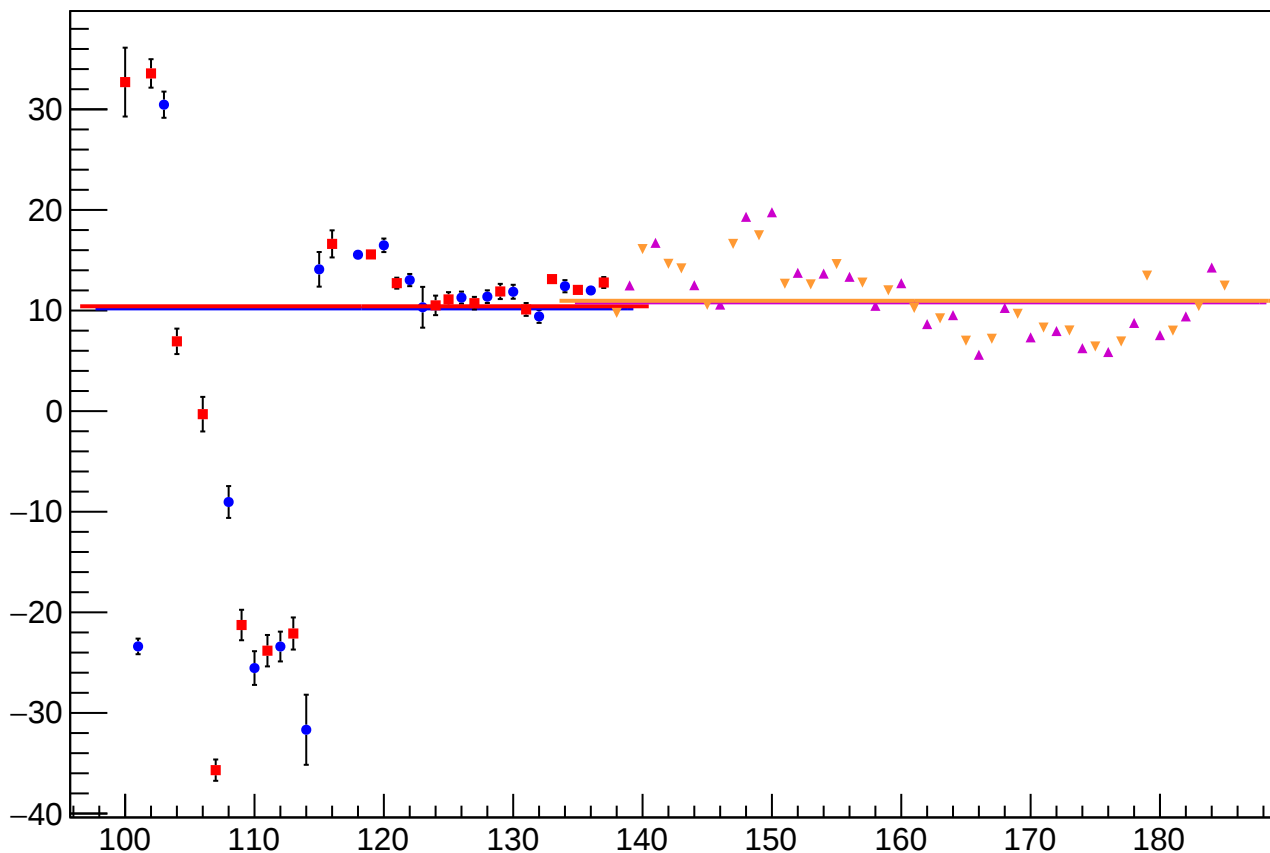
Left In: -6.344 ± 0.069 χ^2/NDF : 3383.7/22

+ sign -5.155 ± 0.065 χ^2/NDF : 5278.2/41

All: -5.434 ± 0.047 χ^2/NDF : 10353.1/83

- sign -5.722 ± 0.066 χ^2/NDF : 5037.9/41

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.213 $\pm$ 0.158 χ^2 /NDF: 3680.0/16

Left Out: 10.969 $\pm$ 0.061 χ^2 /NDF:2637.1/24

Right Out: 10.422 $\pm$ 0.160 χ^2 /NDF: 3826.2/18

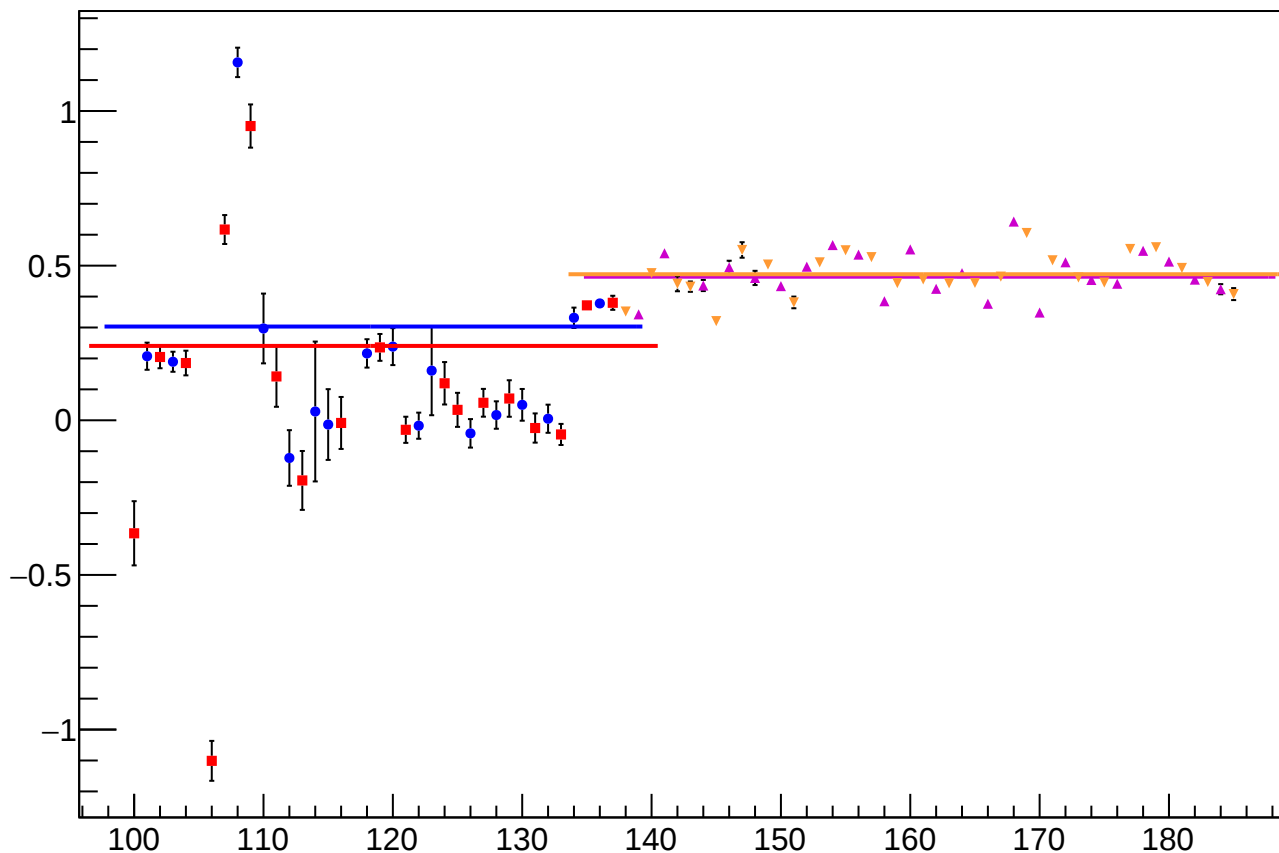
Left In: 10.813 $\pm$ 0.063 χ^2 /NDF:3546.8/22

+ sign 10.871 $\pm$ 0.057 χ^2 /NDF: 6337.0/41

All: 10.817 $\pm$ 0.041 χ^2 /NDF: 13716.9/83

- sign 10.761 $\pm$ 0.059 χ^2 /NDF: 7378.2/41

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.472 ± 0.003 χ^2/NDF : 519.2/24

Right Out: 0.240 ± 0.009 χ^2/NDF : 983.3/18

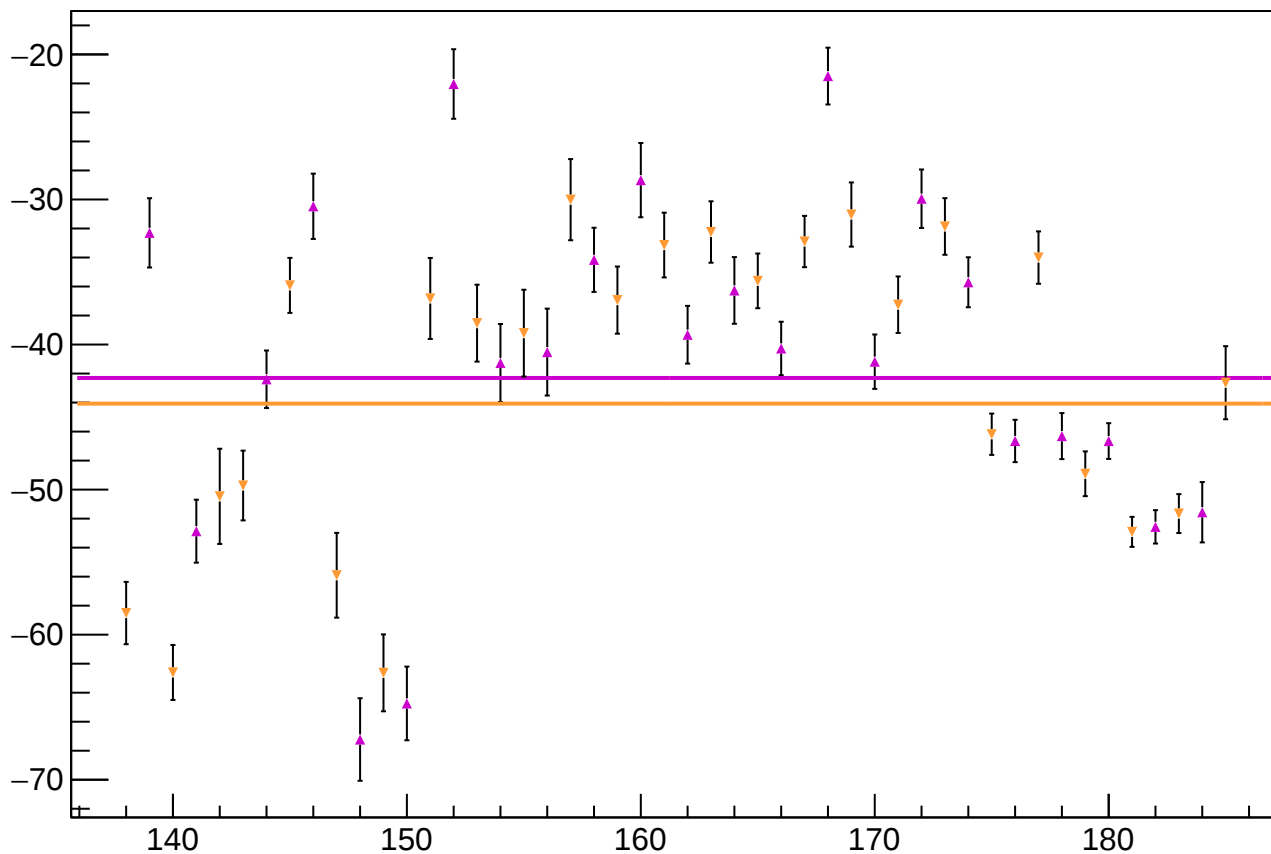
Left In: 0.464 ± 0.003 χ^2/NDF : 733.1/22

+ sign 0.455 ± 0.003 χ^2/NDF : 1546.7/41

All: 0.449 ± 0.002 χ^2/NDF : 3895.6/83

- sign 0.443 ± 0.003 χ^2/NDF : 2338.0/41

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -44.073+/-0.389 χ^2/NDF : 632.4/24

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

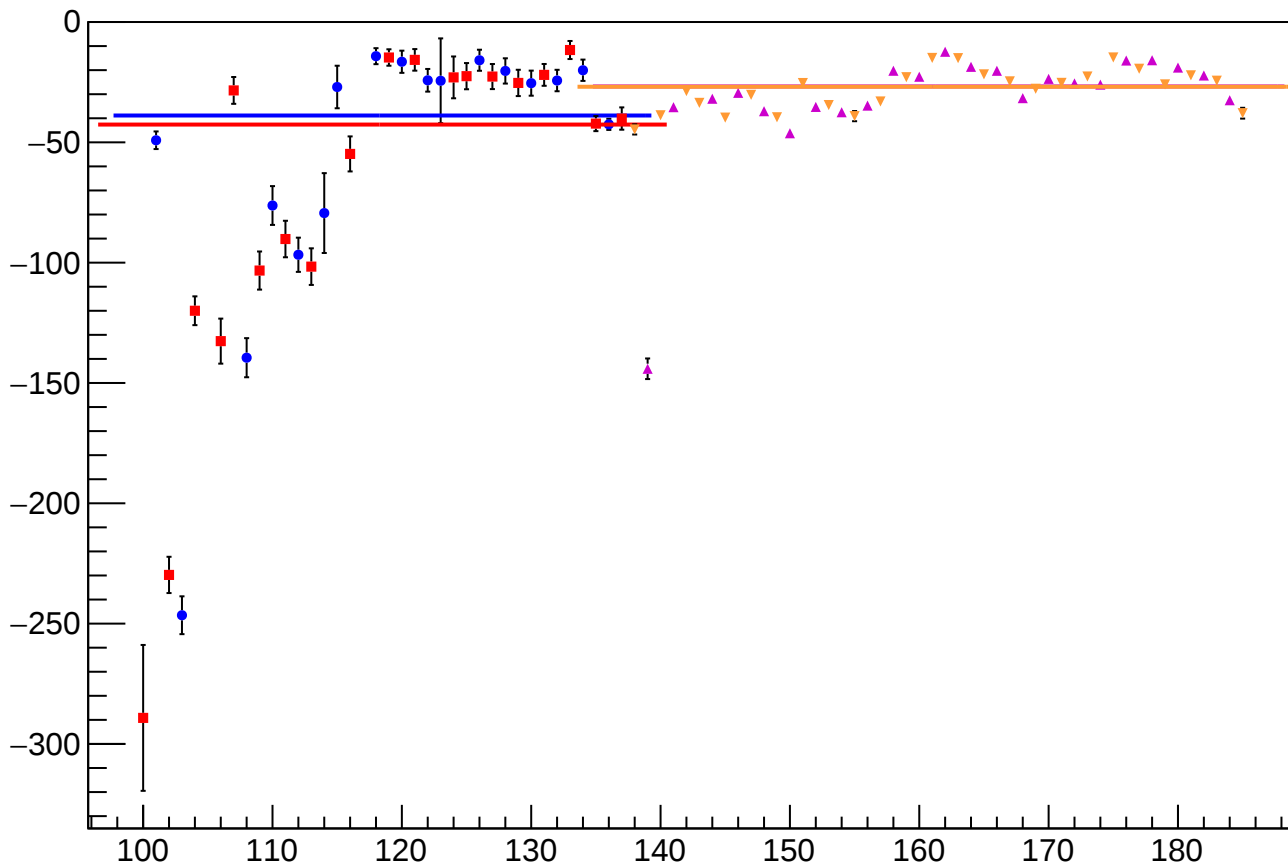
Left In: -42.304+/-0.399 χ^2/NDF : 640.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.212+/-0.278 χ^2/NDF : 1283.1/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.852 ± 1.150 χ^2/NDF : 1121.7/16

Left Out: -26.901 ± 0.316 χ^2/NDF : 631.1/24

Right Out: -42.616 ± 1.212 χ^2/NDF : 1345.6/18

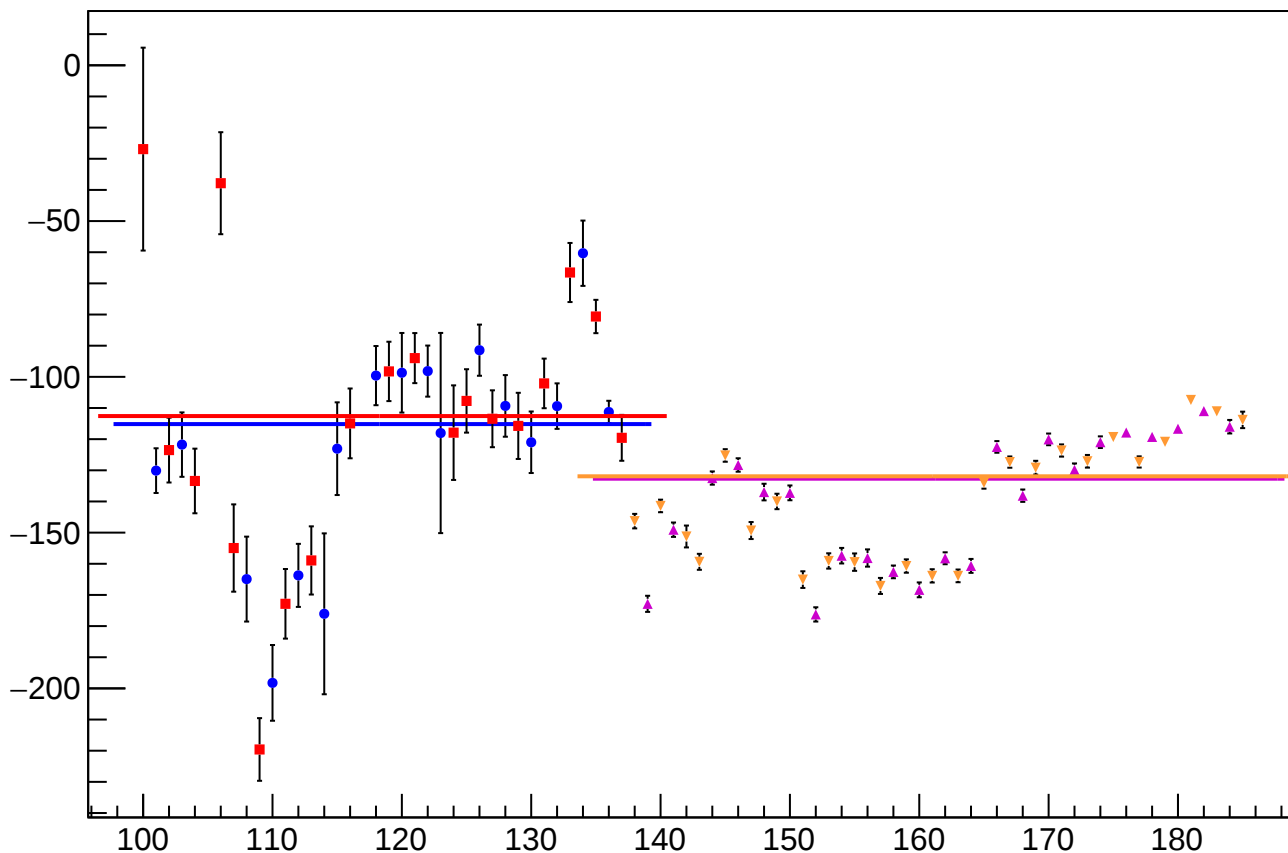
Left In: -26.774 ± 0.326 χ^2/NDF : 1394.5/22

+ sign -27.741 ± 0.305 χ^2/NDF : 1853.3/41

All: -27.791 ± 0.219 χ^2/NDF : 4752.8/83

- sign -27.845 ± 0.315 χ^2/NDF : 2899.5/41

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.163 ± 2.084 $\chi^2/\text{NDF}: 140.5/16$

Left Out: -131.921 ± 0.392 $\chi^2/\text{NDF}: 2438.4/24$

Right Out: -112.587 ± 2.213 $\chi^2/\text{NDF}: 272.4/18$

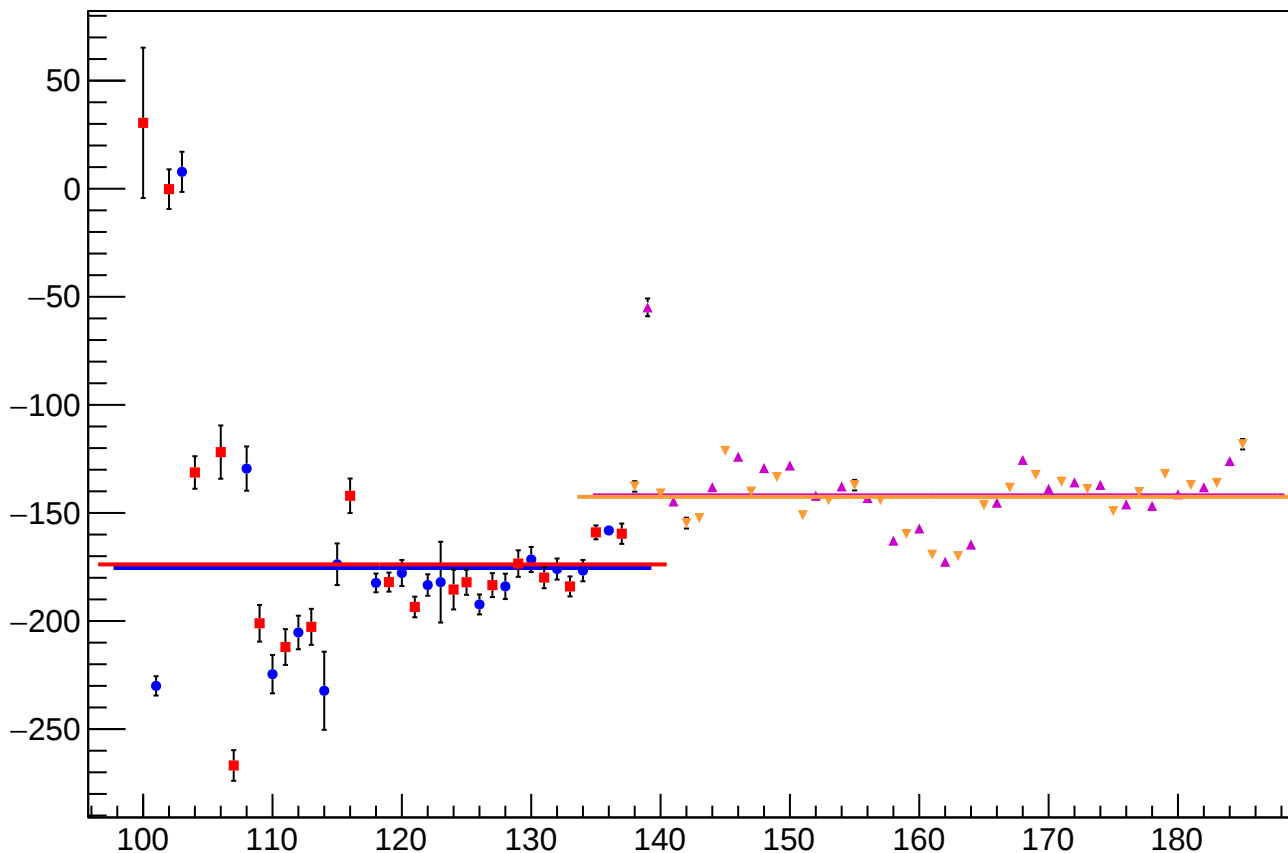
Left In: -132.690 ± 0.399 $\chi^2/\text{NDF}: 2480.2/22$

+ sign -131.349 ± 0.385 $\chi^2/\text{NDF}: 2641.4/41$

All: -131.695 ± 0.275 $\chi^2/\text{NDF}: 5475.6/83$

- sign -132.055 ± 0.393 $\chi^2/\text{NDF}: 2832.5/41$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.476 ± 1.279 χ^2/NDF : 691.2/16

Left Out: -142.567 ± 0.354 χ^2/NDF : 1147.5/24

Right Out: -173.809 ± 1.359 χ^2/NDF : 738.0/18

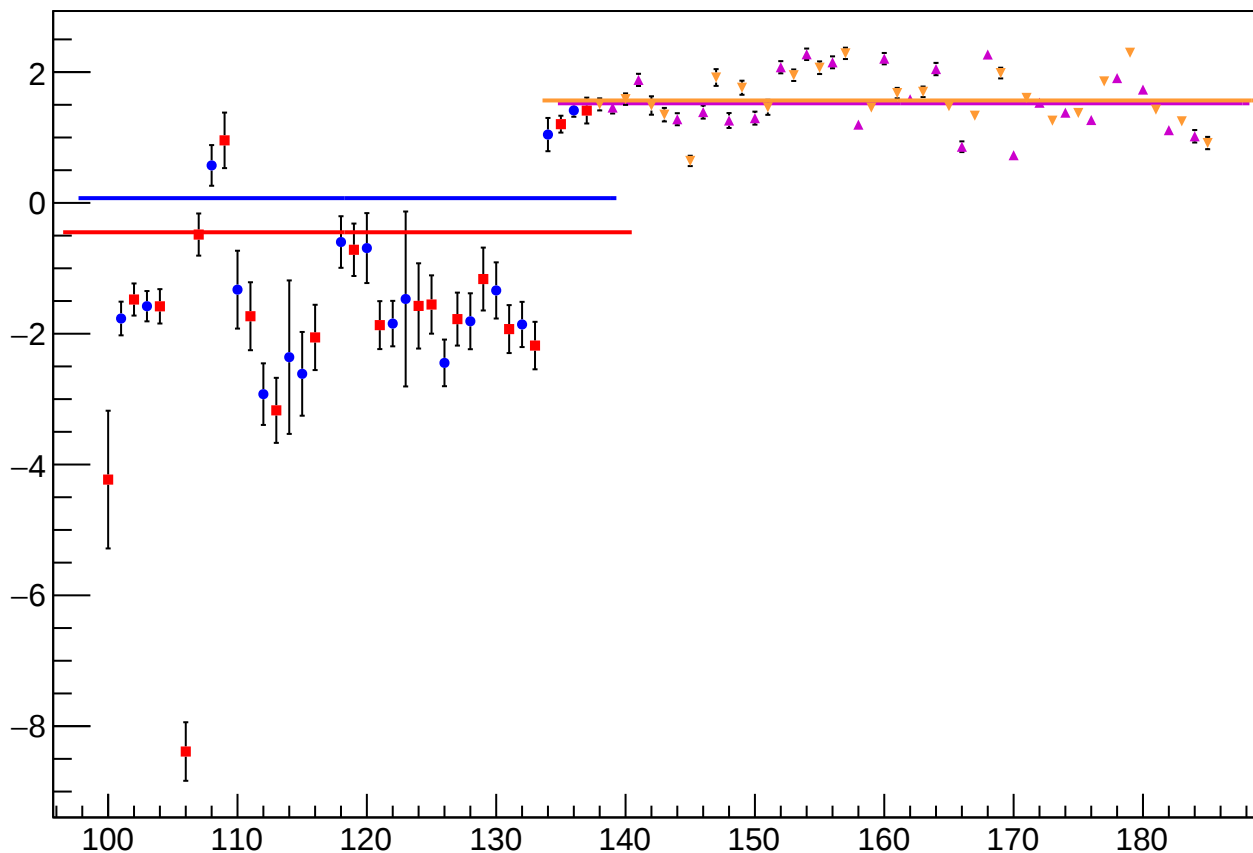
Left In: -141.856 ± 0.364 χ^2/NDF : 1544.3/22

+ sign -144.910 ± 0.341 χ^2/NDF : 2453.8/41

All: -144.465 ± 0.245 χ^2/NDF : 5255.5/83

- sign -143.993 ± 0.351 χ^2/NDF : 2798.2/41

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.073 ± 0.067 χ^2/NDF : 525.2/16

Left Out: 1.566 ± 0.016 χ^2/NDF : 543.0/24

Right Out: -0.449 ± 0.071 χ^2/NDF : 750.7/18

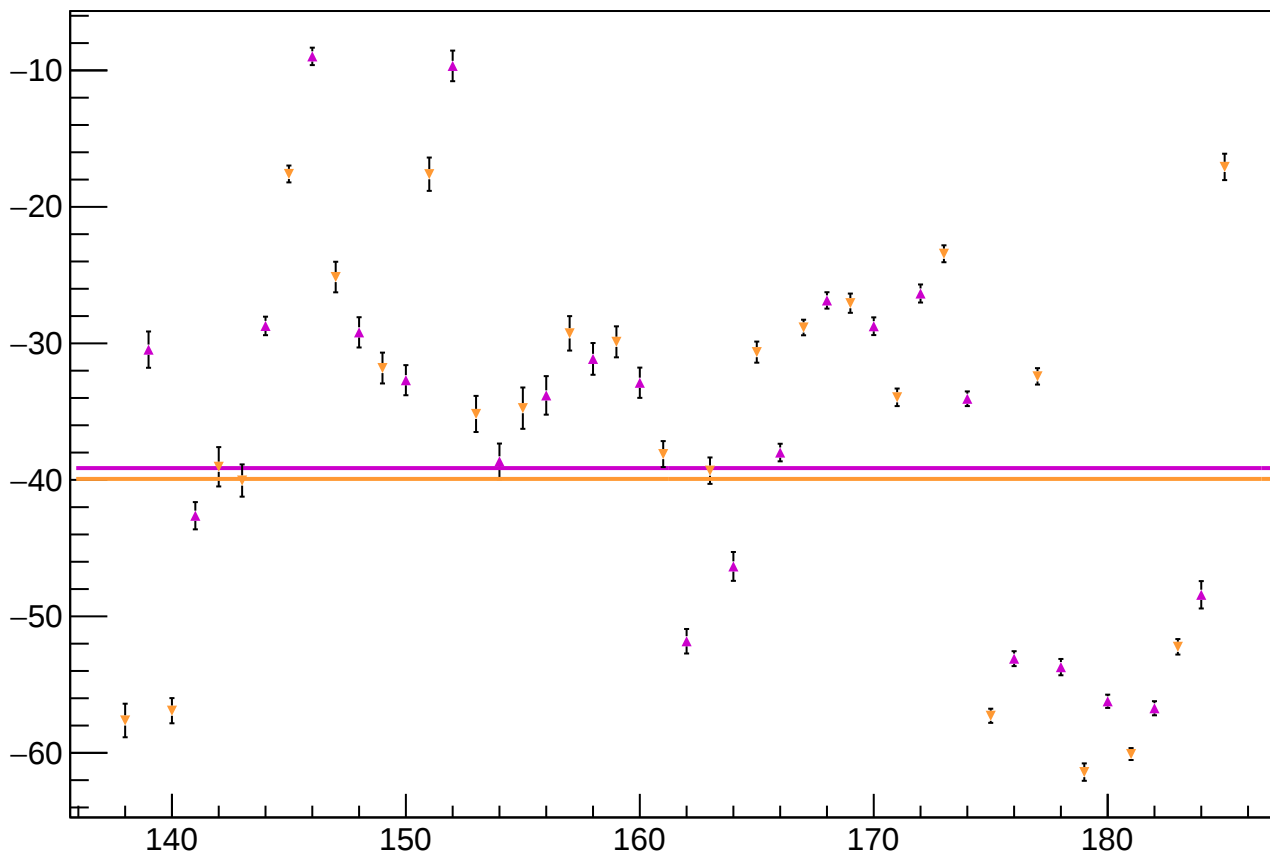
Left In: 1.523 ± 0.017 χ^2/NDF : 738.5/22

+ sign 1.484 ± 0.016 χ^2/NDF : 1535.2/41

All: 1.454 ± 0.011 χ^2/NDF : 3755.8/83

- sign 1.423 ± 0.016 χ^2/NDF : 2213.2/41

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -39.930 $\pm$ 0.153 χ^2 /NDF:9804.1/24

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

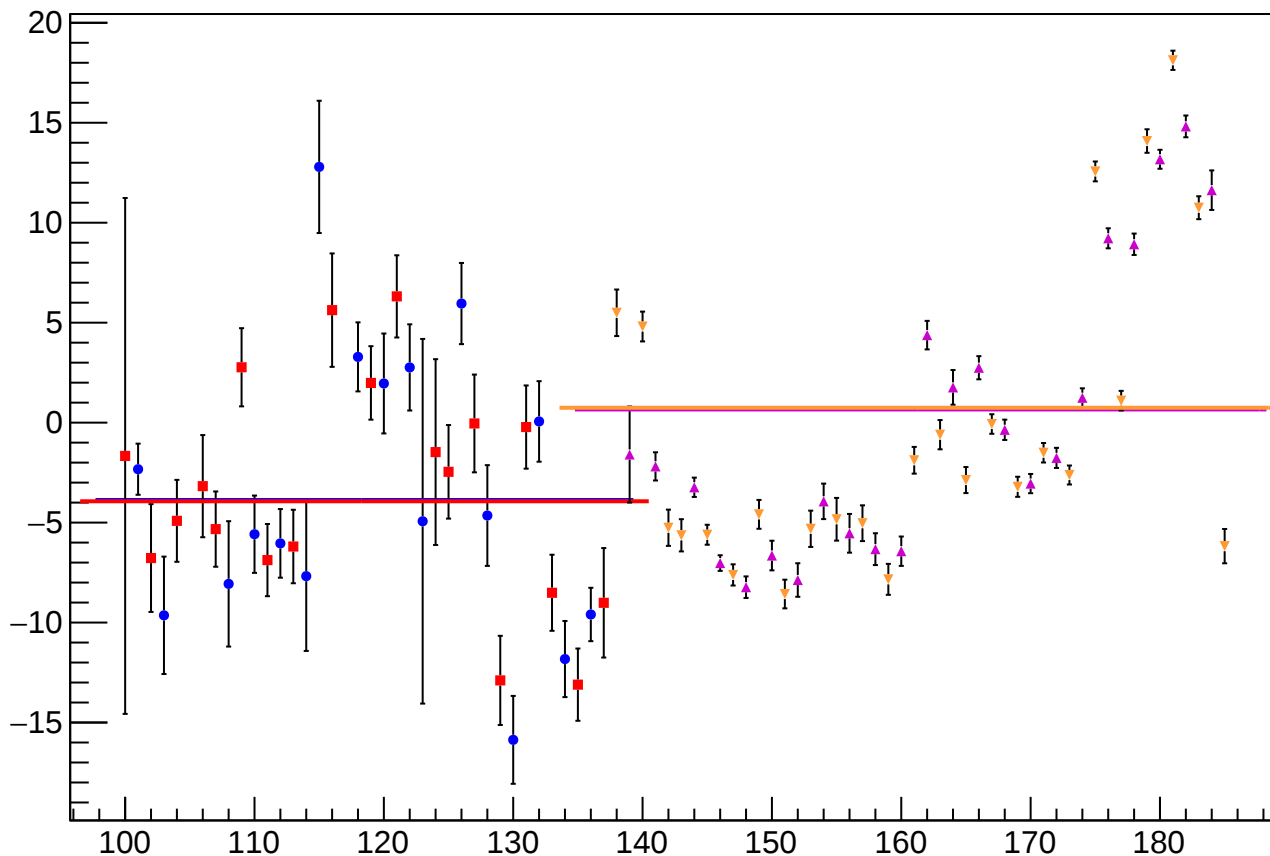
Left In: -39.137 $\pm$ 0.155 χ^2 /NDF:8534.5/22

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

All: -39.537 $\pm$ 0.109 χ^2 /NDF: 18351.8/47

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

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.872 ± 0.499 χ^2/NDF : 161.0/16

Left Out: 0.744 ± 0.124 χ^2/NDF : 3964.8/24

Right Out: -3.933 ± 0.508 χ^2/NDF : 122.0/18

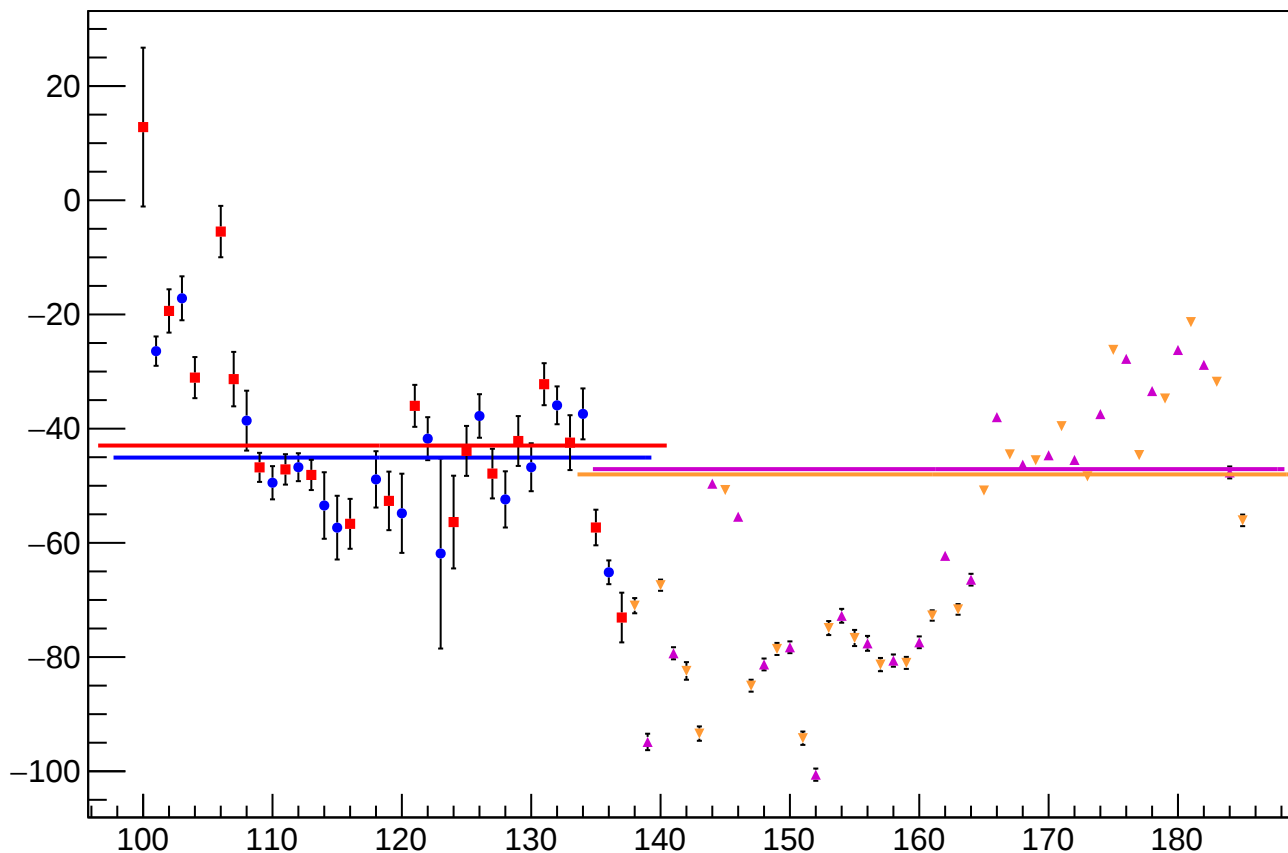
Left In: 0.660 ± 0.124 χ^2/NDF : 3337.8/22

+ sign 0.475 ± 0.121 χ^2/NDF : 4206.3/41

All: 0.438 ± 0.085 χ^2/NDF : 7743.6/83

- sign 0.400 ± 0.121 χ^2/NDF : 3537.1/41

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.063 ± 0.885 χ^2/NDF : 230.3/16

Left Out: -48.011 ± 0.155 χ^2/NDF : 16949.5/24

Right Out: -42.956 ± 0.879 χ^2/NDF : 248.1/18

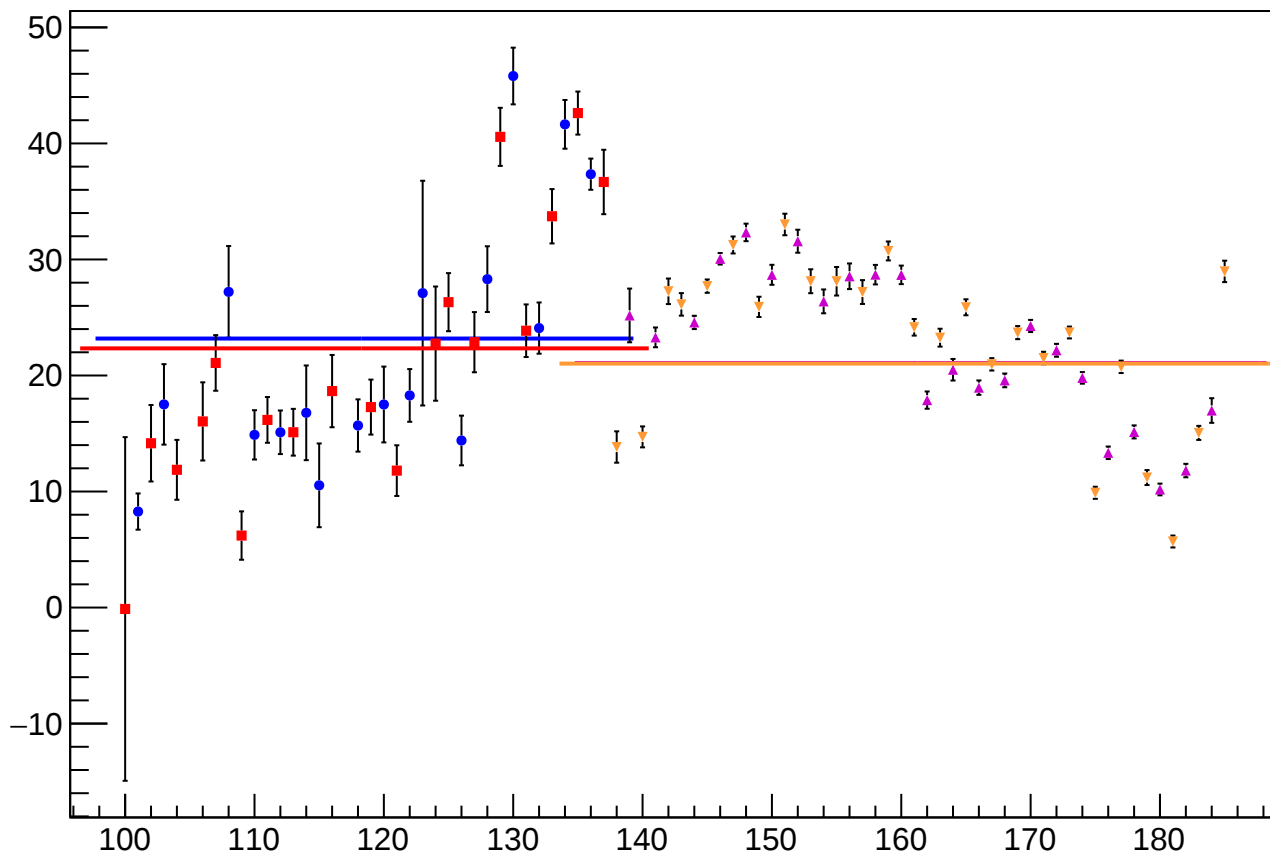
Left In: -47.085 ± 0.155 χ^2/NDF : 15515.2/22

+ sign -47.924 ± 0.152 χ^2/NDF : 17190.6/41

All: -47.444 ± 0.108 χ^2/NDF : 32995.3/83

- sign -46.960 ± 0.153 χ^2/NDF : 15784.7/41

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.185 ± 0.560 $\chi^2/\text{NDF}: 456.9/16$

Left Out: 21.026 ± 0.139 $\chi^2/\text{NDF}: 2795.7/24$

Right Out: 22.337 ± 0.574 $\chi^2/\text{NDF}: 366.3/18$

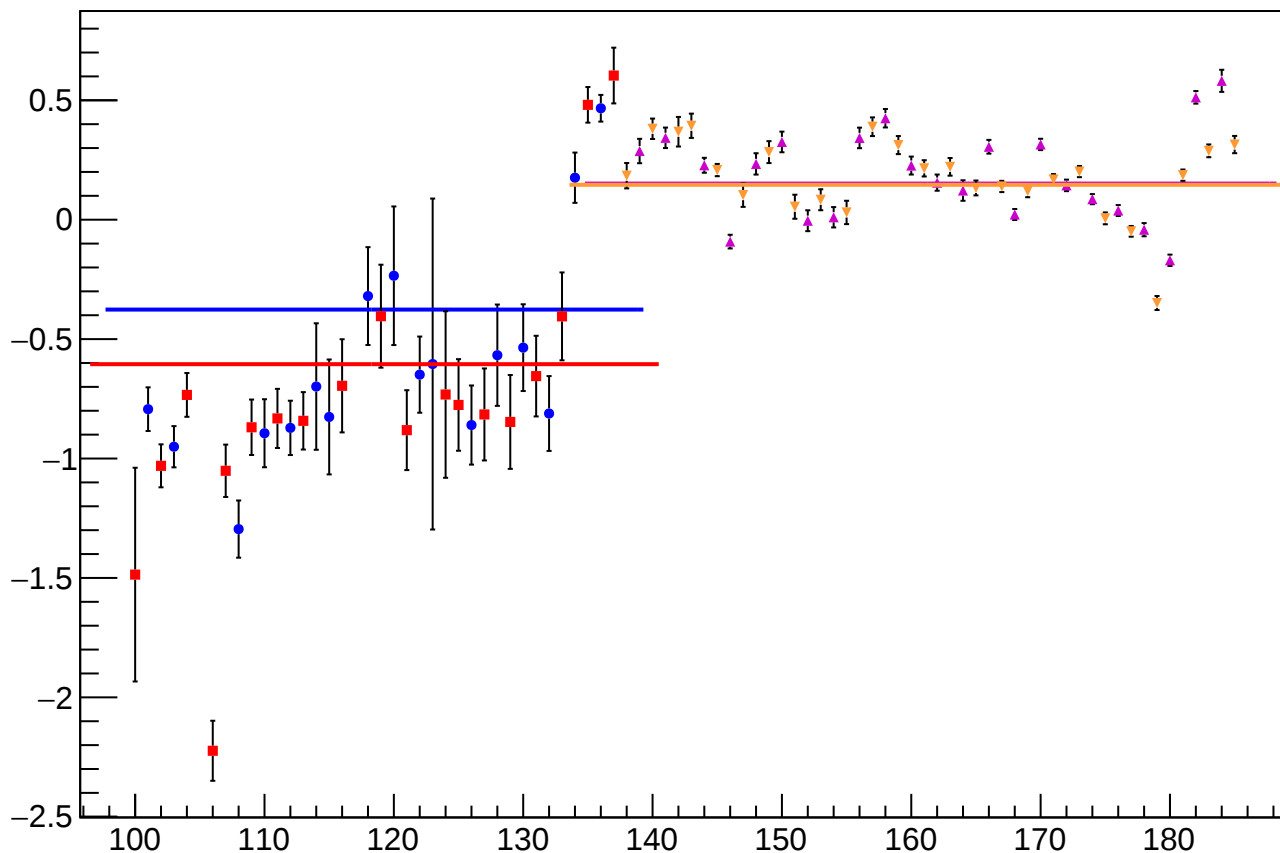
Left In: 21.079 ± 0.140 $\chi^2/\text{NDF}: 2173.2/22$

+ sign 21.151 ± 0.135 $\chi^2/\text{NDF}: 3266.7/41$

All: 21.150 ± 0.096 $\chi^2/\text{NDF}: 5810.7/83$

- sign 21.149 ± 0.136 $\chi^2/\text{NDF}: 2544.1/41$

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.376 ± 0.030 $\chi^2/\text{NDF}: 437.6/16$

Left Out: 0.146 ± 0.006 $\chi^2/\text{NDF}: 610.5/24$

Right Out: -0.605 ± 0.030 $\chi^2/\text{NDF}: 551.2/18$

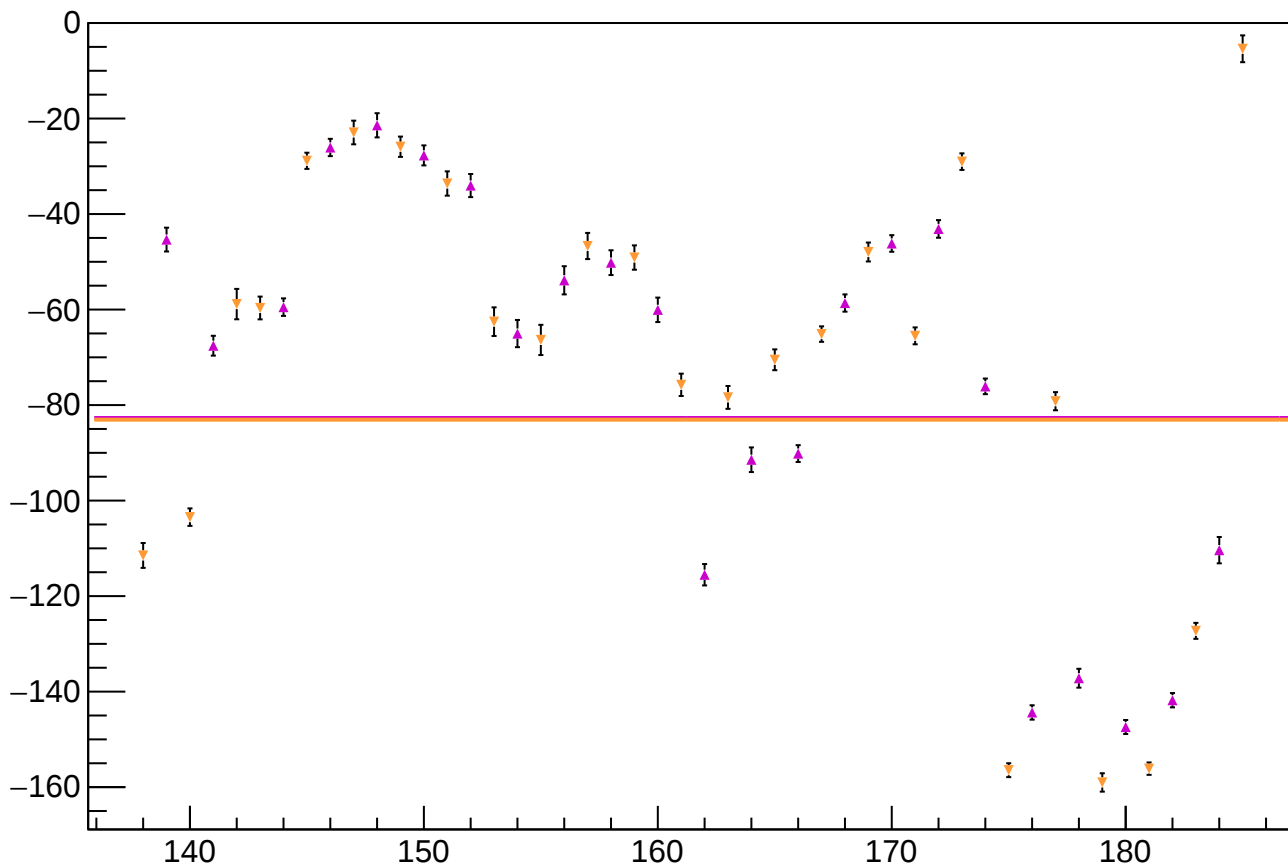
Left In: 0.151 ± 0.006 $\chi^2/\text{NDF}: 869.5/22$

+ sign 0.124 ± 0.006 $\chi^2/\text{NDF}: 1335.6/41$

All: 0.121 ± 0.004 $\chi^2/\text{NDF}: 3354.7/83$

- sign 0.119 ± 0.006 $\chi^2/\text{NDF}: 2018.7/41$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -83.054 $\pm$ 0.406 χ^2 /NDF:13814.1/24

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

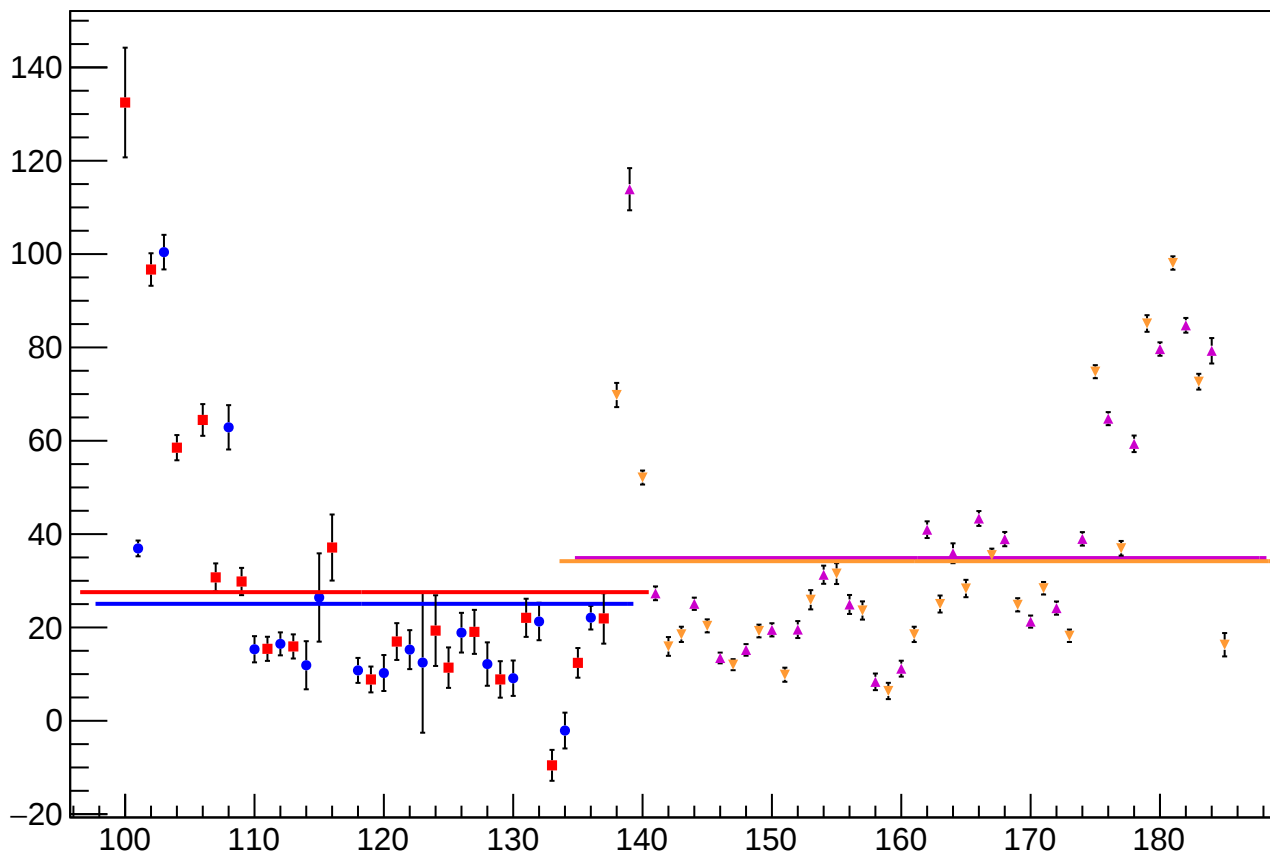
Left In: -82.711 $\pm$ 0.415 χ^2 /NDF:10841.4/22

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

All: -82.886 $\pm$ 0.290 χ^2 /NDF: 24655.9/47

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

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.063 $\pm$ 0.808 χ^2 /NDF: 686.5/16

Left Out: 34.201 $\pm$ 0.320 χ^2 /NDF: 6180.6/24

Right Out: 27.568 $\pm$ 0.811 χ^2 /NDF: 1013.6/18

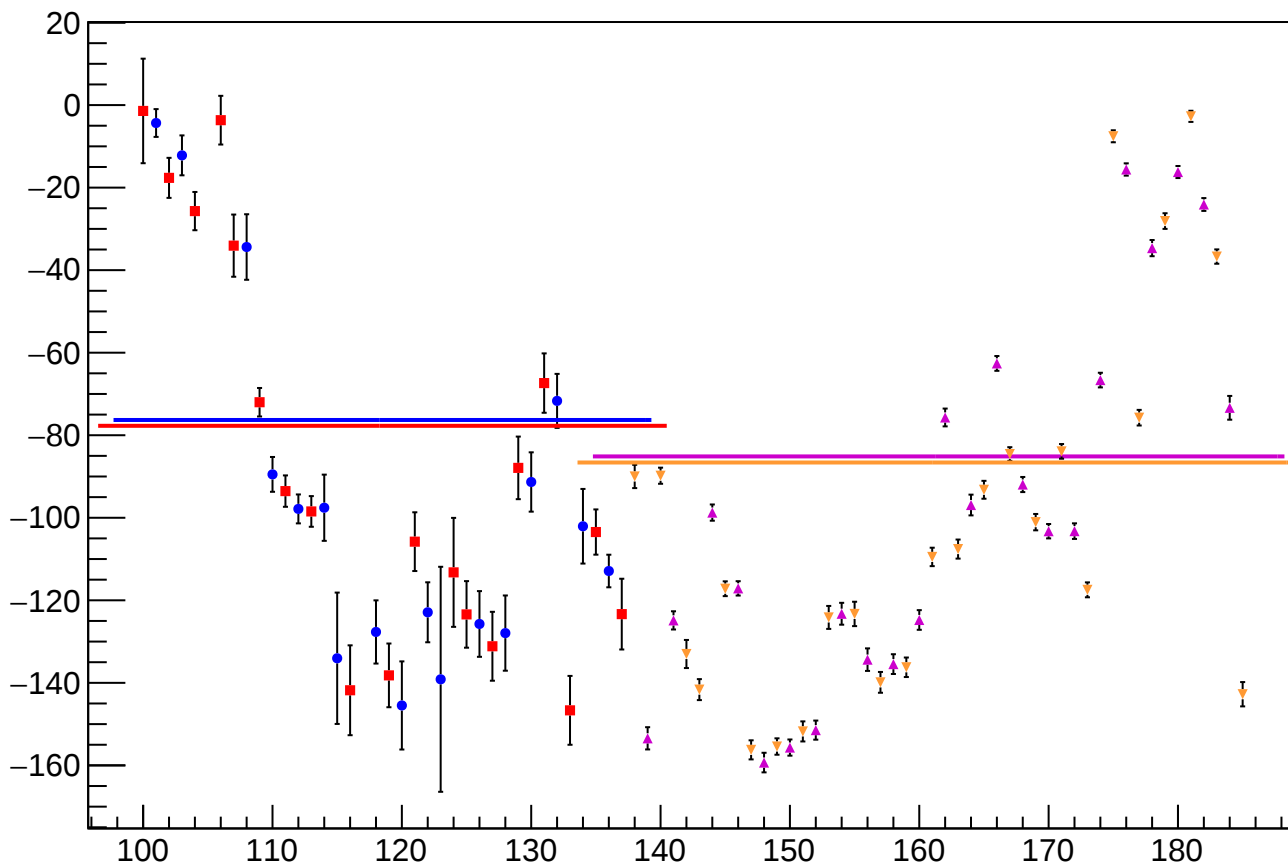
Left In: 34.870 $\pm$ 0.329 χ^2 /NDF: 4716.1/22

+ sign 32.960 $\pm$ 0.298 χ^2 /NDF: 6977.7/41

All: 33.387 $\pm$ 0.213 χ^2 /NDF: 12781.3/83

- sign 33.836 $\pm$ 0.305 χ^2 /NDF: 5799.3/41

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.304 ± 1.419 $\chi^2/\text{NDF}: 1030.8/16$

Left Out: -86.607 ± 0.409 $\chi^2/\text{NDF}: 14513.8/24$

Right Out: -77.715 ± 1.354 $\chi^2/\text{NDF}: 872.3/18$

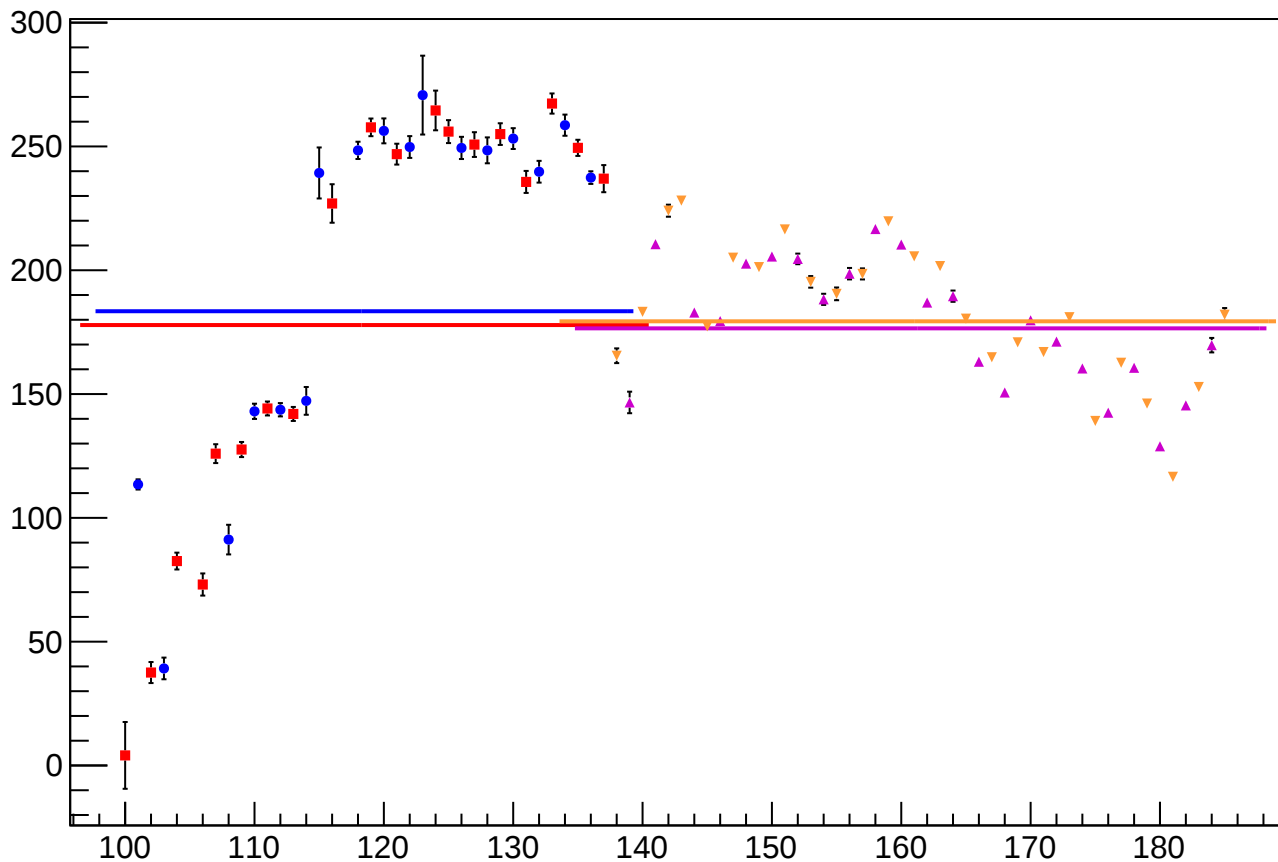
Left In: -85.134 ± 0.415 $\chi^2/\text{NDF}: 12841.3/22$

+ sign -85.818 ± 0.393 $\chi^2/\text{NDF}: 15593.3/41$

All: -85.165 ± 0.279 $\chi^2/\text{NDF}: 29340.0/83$

- sign -84.497 ± 0.397 $\chi^2/\text{NDF}: 13741.1/41$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.448 $\pm$ 0.920 χ^2 /NDF: 5318.3/16

Left Out: 179.380 $\pm$ 0.362 χ^2 /NDF: 5974.5/24

Right Out: 177.868 $\pm$ 0.925 χ^2 /NDF: 6336.5/18

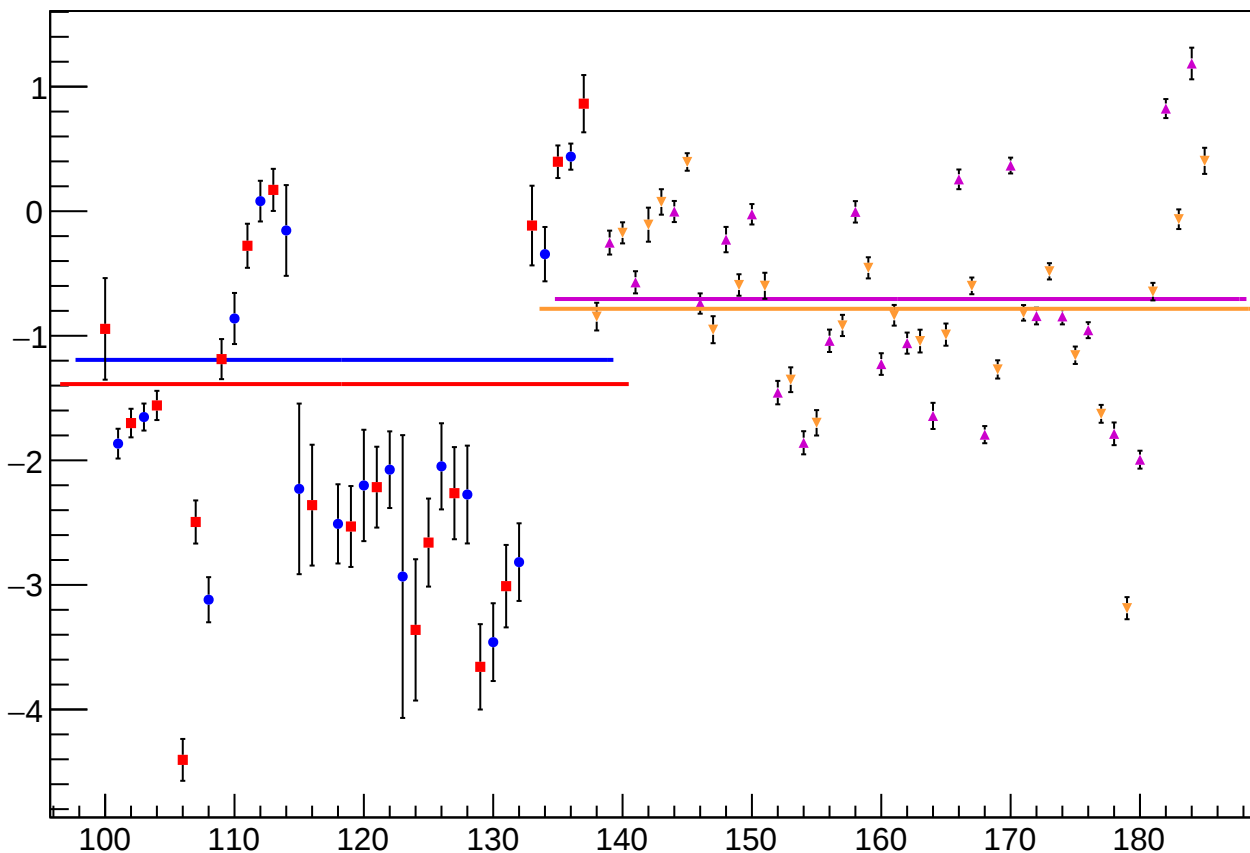
Left In: 176.531 $\pm$ 0.371 χ^2 /NDF: 4426.0/22

+ sign 179.925 $\pm$ 0.337 χ^2 /NDF: 11309.6/41

All: 178.356 $\pm$ 0.241 χ^2 /NDF: 22118.3/83

- sign 176.716 $\pm$ 0.344 χ^2 /NDF: 10764.3/41

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.193 ± 0.048 $\chi^2/\text{NDF}: 620.4/16$

Left Out: -0.783 ± 0.017 $\chi^2/\text{NDF}: 1772.0/24$

Right Out: -1.388 ± 0.046 $\chi^2/\text{NDF}: 919.4/18$

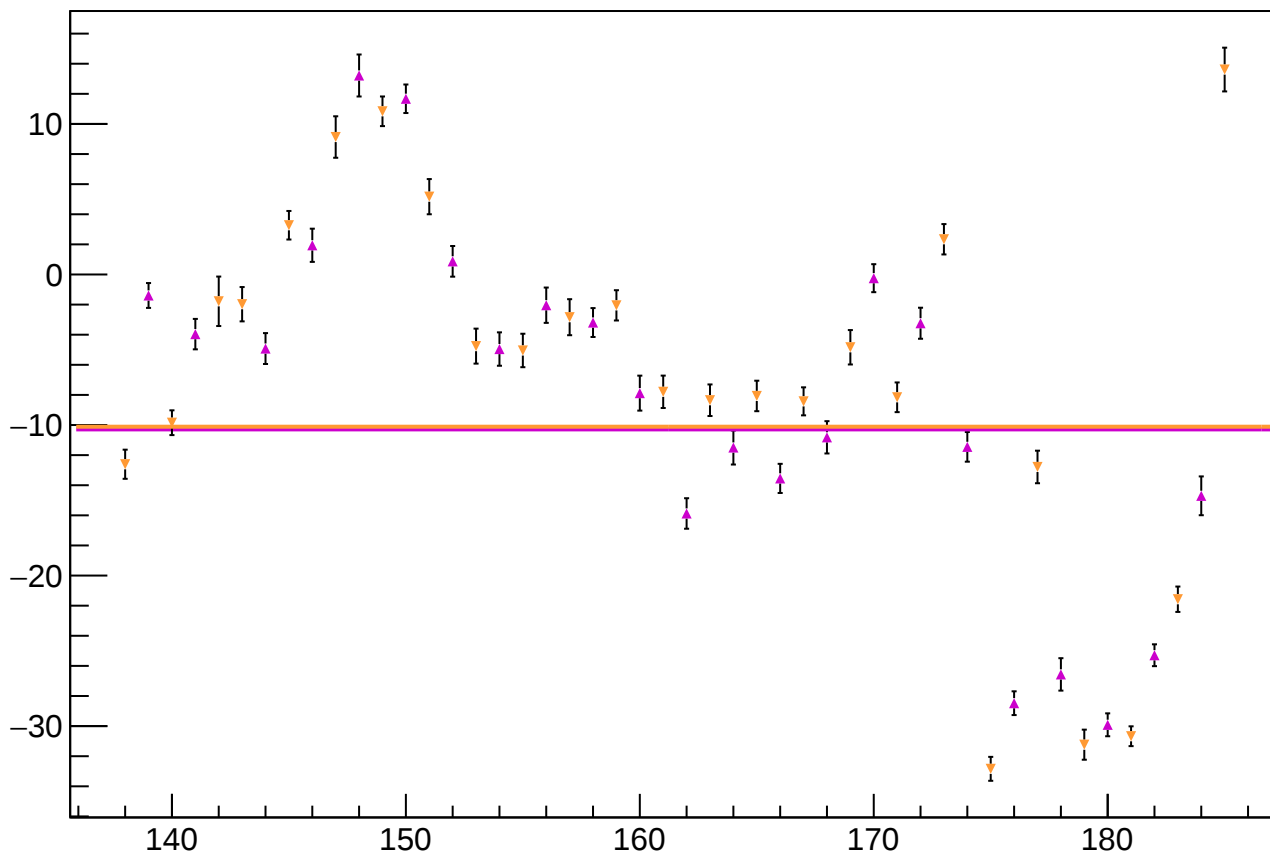
Left In: -0.705 ± 0.017 $\chi^2/\text{NDF}: 2407.7/22$

+ sign -0.827 ± 0.016 $\chi^2/\text{NDF}: 2457.1/41$

All: -0.807 ± 0.011 $\chi^2/\text{NDF}: 5982.7/83$

- sign -0.787 ± 0.016 $\chi^2/\text{NDF}: 3522.4/41$

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -10.112+/-0.201 χ^2/NDF : 4136.6/24

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

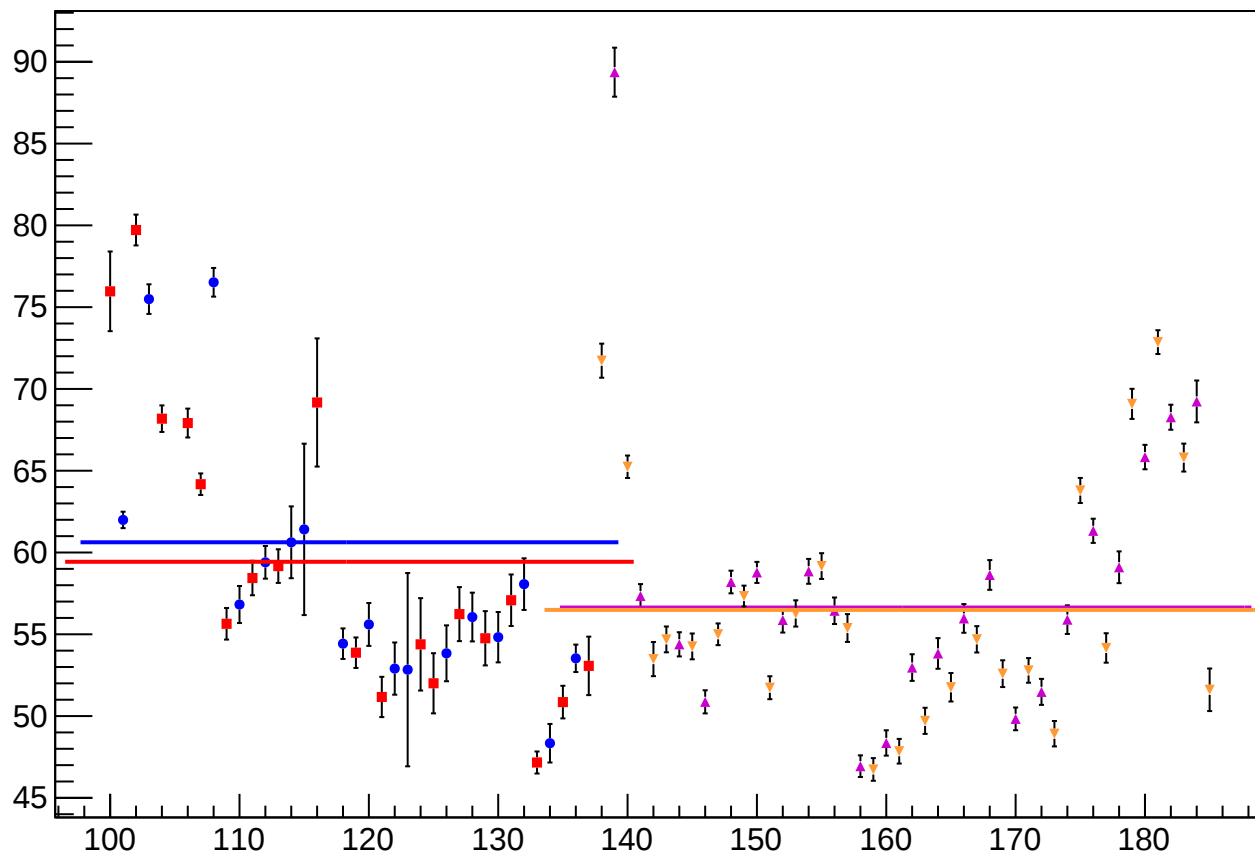
Left In: -10.290+/-0.205 χ^2/NDF : 3451.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.199+/-0.144 χ^2/NDF : 7588.0/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.626 $\pm$ 0.263 χ^2 /NDF: 924.5/16

Left Out: 56.491 $\pm$ 0.159 χ^2 /NDF:1964.1/24

Right Out: 59.433 $\pm$ 0.248 χ^2 /NDF: 1325.2/18

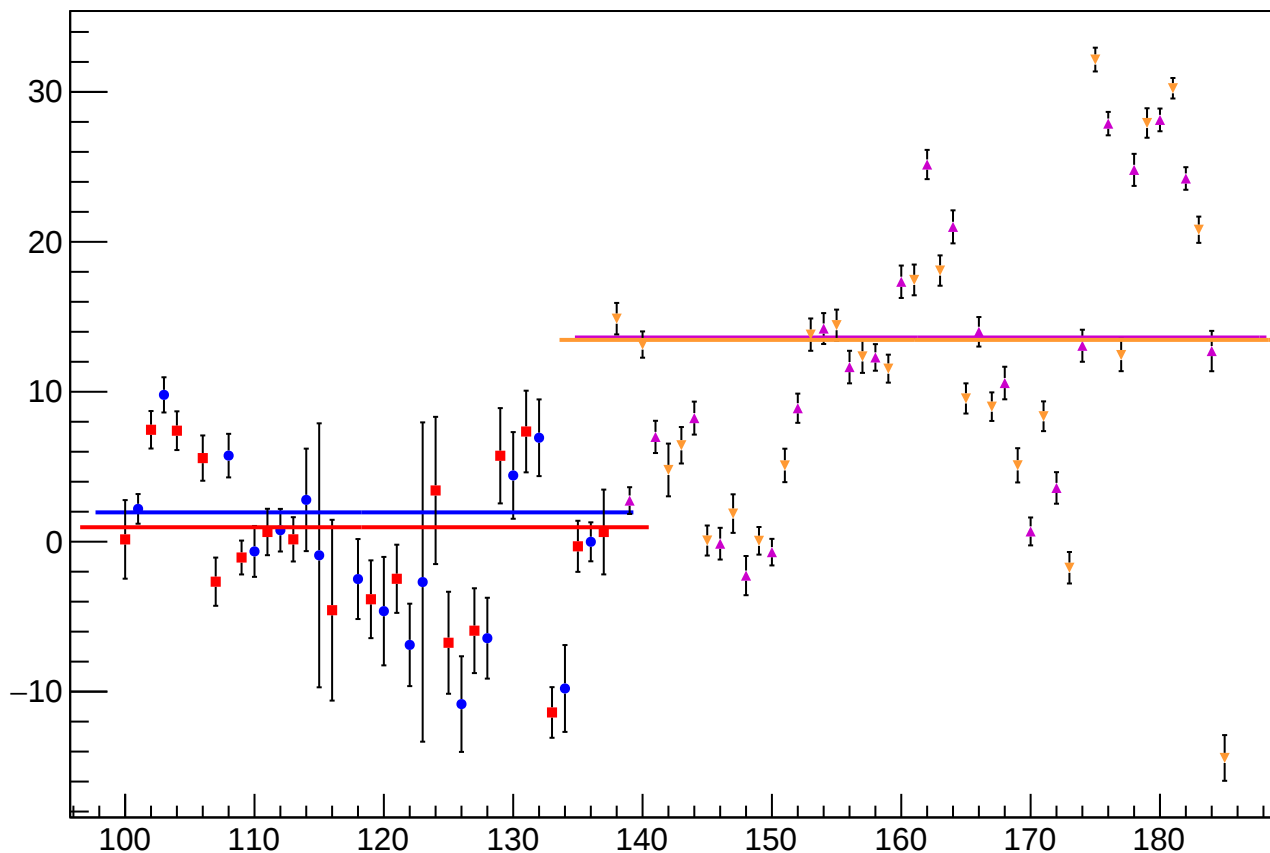
Left In: 56.635 $\pm$ 0.165 χ^2 /NDF:1607.9/22

+ sign 57.594 $\pm$ 0.136 χ^2 /NDF: 3069.4/41

All: 57.545 $\pm$ 0.097 χ^2 /NDF: 6091.0/83

- sign 57.495 $\pm$ 0.137 χ^2 /NDF: 3021.3/41

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.955 ± 0.459 χ^2/NDF : 120.2/16

Left Out: 13.460 ± 0.202 χ^2/NDF : 2736.0/24

Right Out: 0.964 ± 0.425 χ^2/NDF : 149.6/18

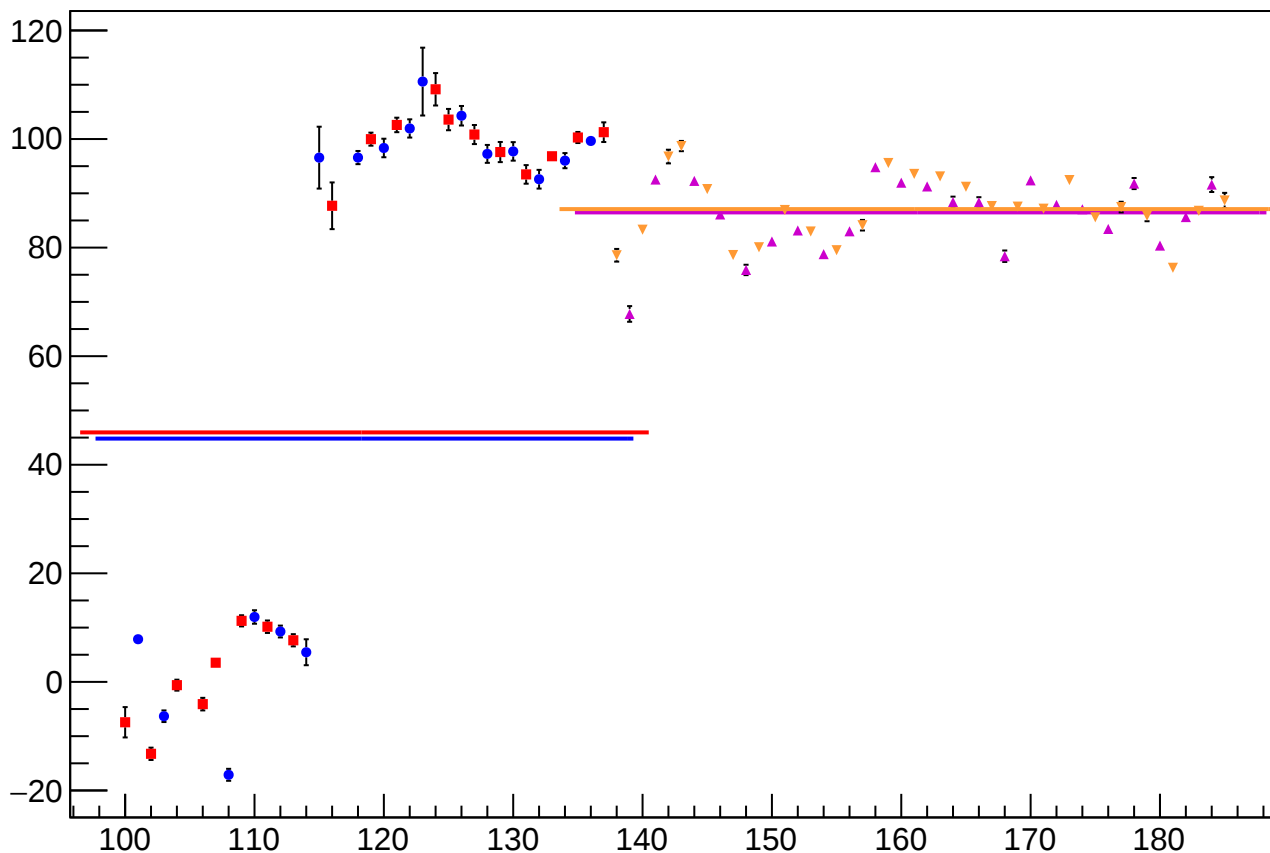
Left In: 13.620 ± 0.204 χ^2/NDF : 2315.4/22

+ sign 11.602 ± 0.185 χ^2/NDF : 3382.3/41

All: 11.420 ± 0.130 χ^2/NDF : 6570.3/83

- sign 11.239 ± 0.184 χ^2/NDF : 3186.1/41

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.818 $\pm$ 0.305 χ^2 /NDF: 24700.1/16

Left Out: 87.092 $\pm$ 0.179 χ^2 /NDF:1085.7/24

Right Out: 45.958 $\pm$ 0.290 χ^2 /NDF: 28216.1/18

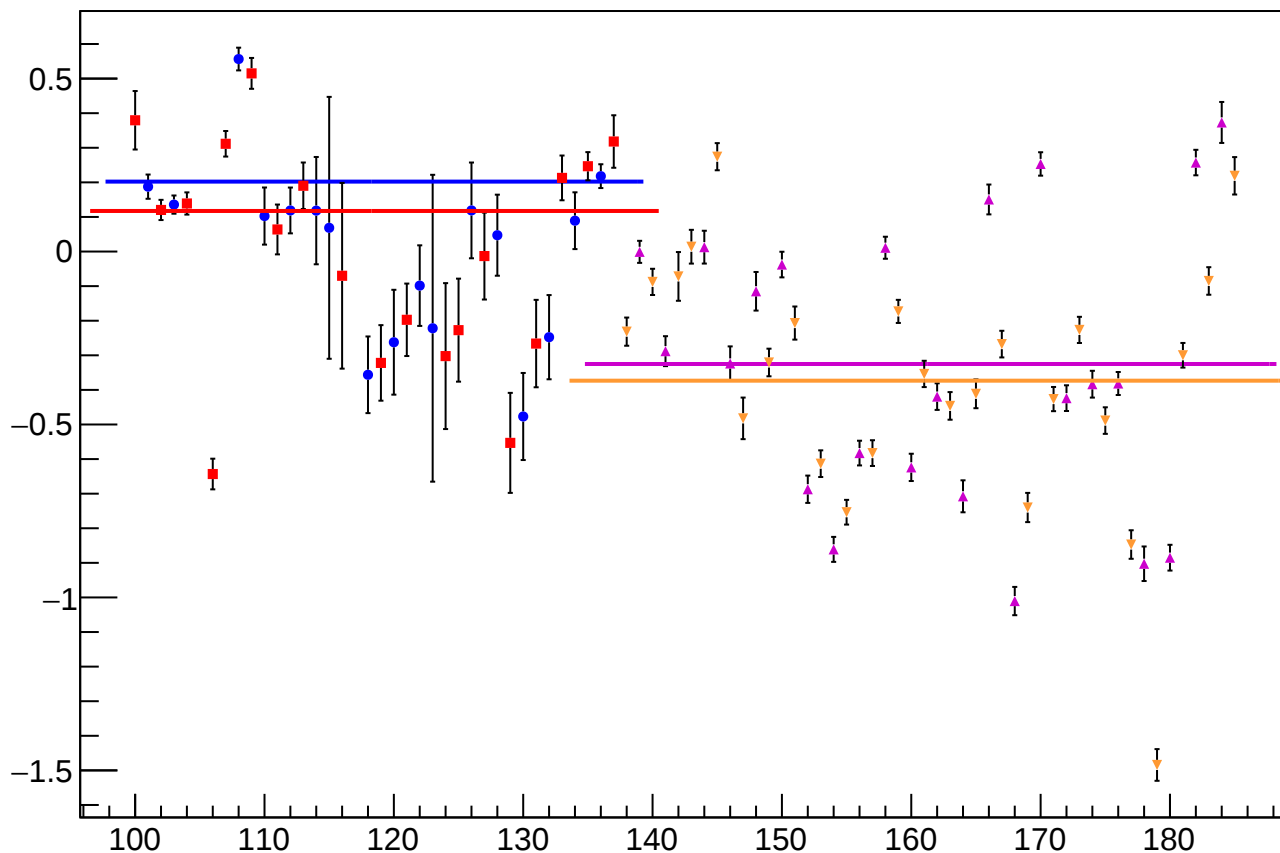
Left In: 86.482 $\pm$ 0.185 χ^2 /NDF:1003.2/22

+ sign 76.254 $\pm$ 0.154 χ^2 /NDF: 40071.1/41

All: 75.523 $\pm$ 0.110 χ^2 /NDF: 83250.8/83

- sign 74.779 $\pm$ 0.156 χ^2 /NDF: 43134.4/41

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.014 χ^2/NDF : 215.7/16

Left Out: -0.373 ± 0.008 χ^2/NDF : 1669.0/24

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.1/18

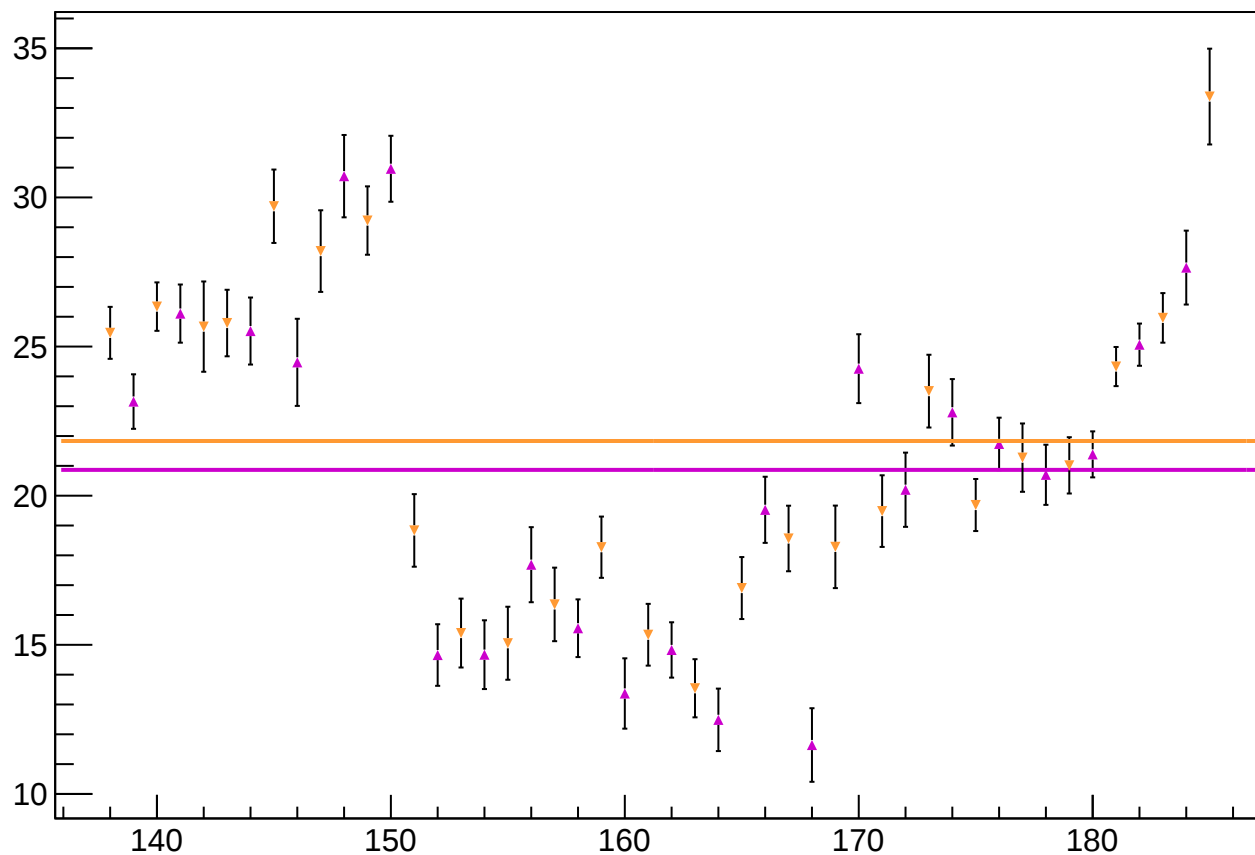
Left In: -0.325 ± 0.008 χ^2/NDF : 2284.1/22

+ sign -0.229 ± 0.007 χ^2/NDF : 3140.6/41

All: -0.214 ± 0.005 χ^2/NDF : 6757.6/83

- sign -0.199 ± 0.007 χ^2/NDF : 3608.0/41

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 21.834 $\pm$ 0.210 χ^2 /NDF:524.1/24

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

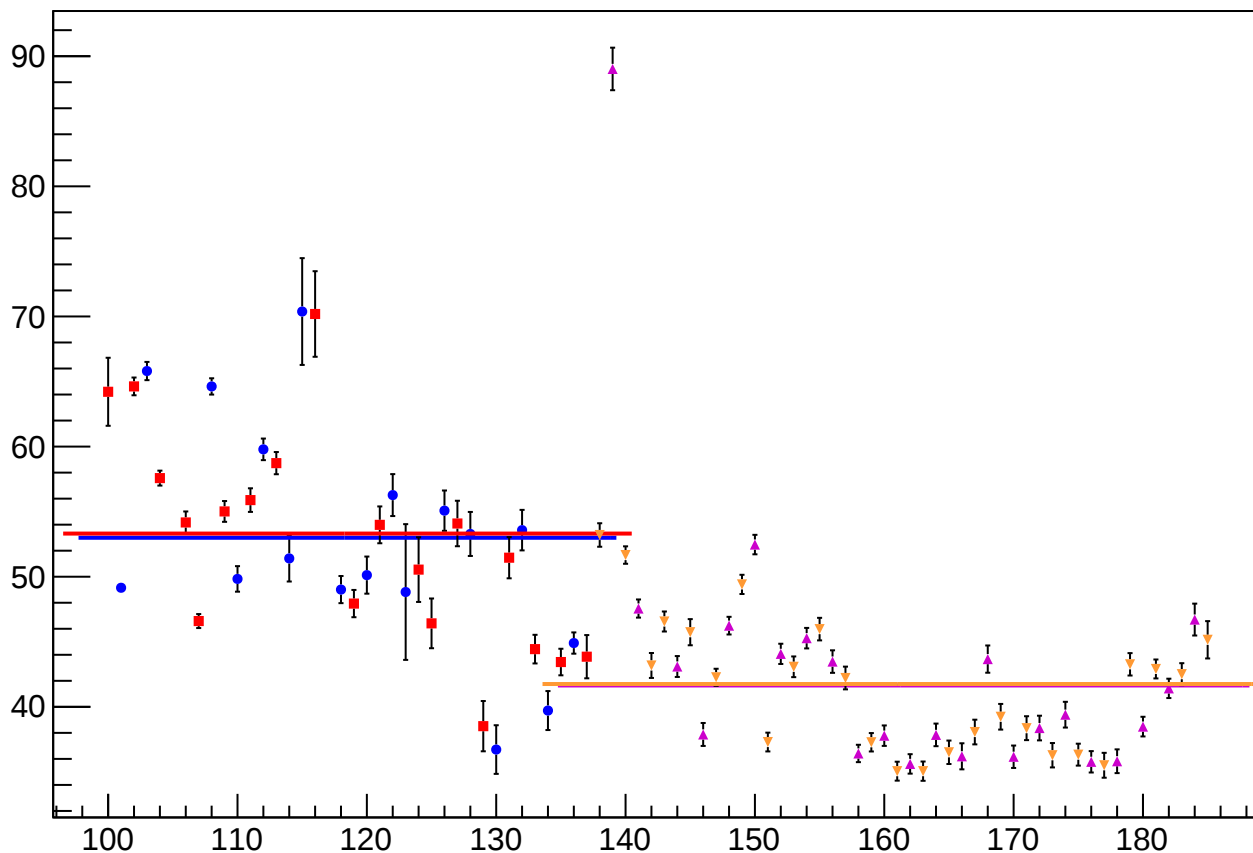
Left In: 20.866 $\pm$ 0.217 χ^2 /NDF:576.9/22

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

All: 21.365 $\pm$ 0.151 χ^2 /NDF: 1111.3/47

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

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.994 $\pm$ 0.211 χ^2 /NDF: 1197.9/16

Left Out: 41.754 $\pm$ 0.165 χ^2 /NDF:1015.6/24

Right Out: 53.316 $\pm$ 0.227 χ^2 /NDF: 876.7/18

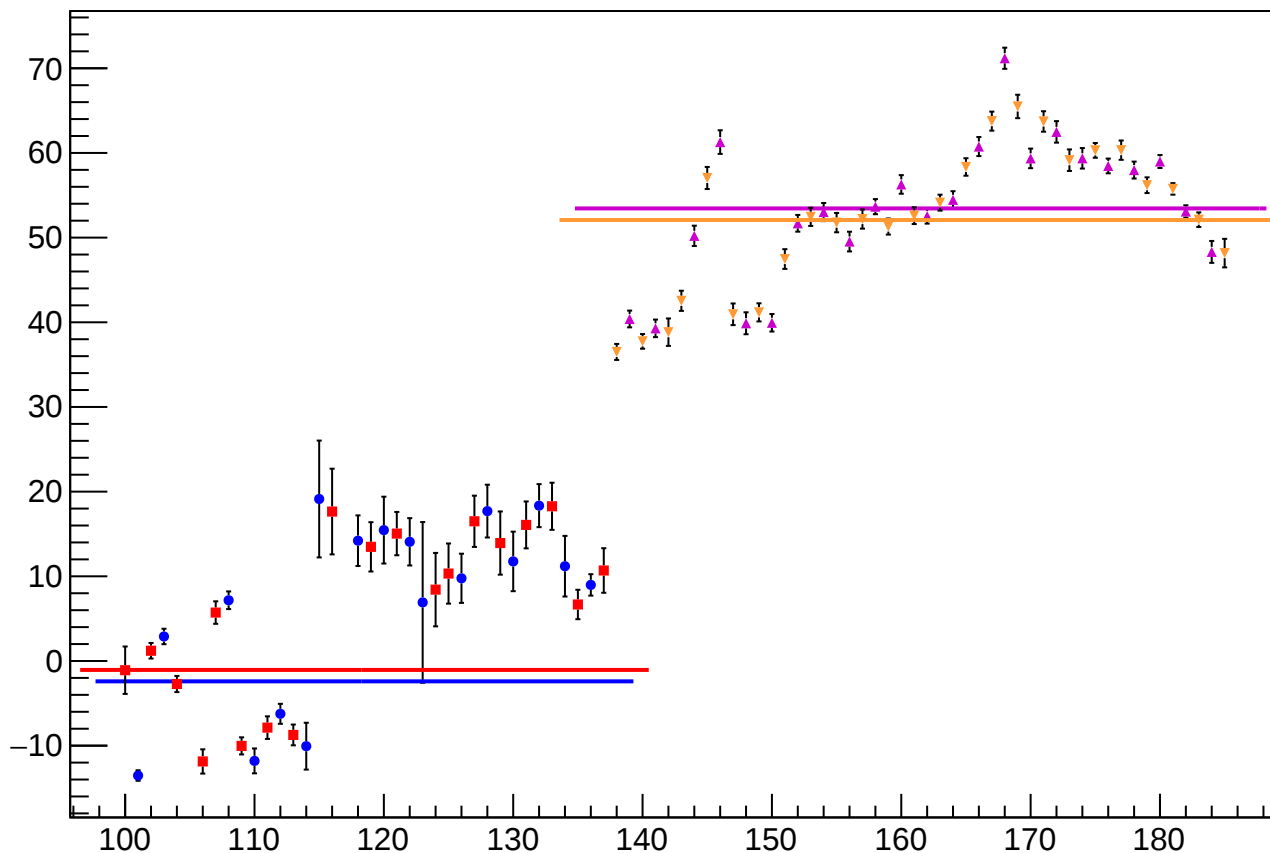
Left In: 41.643 $\pm$ 0.174 χ^2 /NDF:1611.0/22

+ sign 46.030 $\pm$ 0.130 χ^2 /NDF: 3970.7/41

All: 45.997 $\pm$ 0.095 χ^2 /NDF: 8127.3/83

- sign 45.960 $\pm$ 0.138 χ^2 /NDF: 4156.4/41

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.405 ± 0.365 χ^2/NDF : 832.0/16

Left Out: 52.078 ± 0.210 χ^2/NDF : 1450.9/24

Right Out: -1.056 ± 0.377 χ^2/NDF : 505.5/18

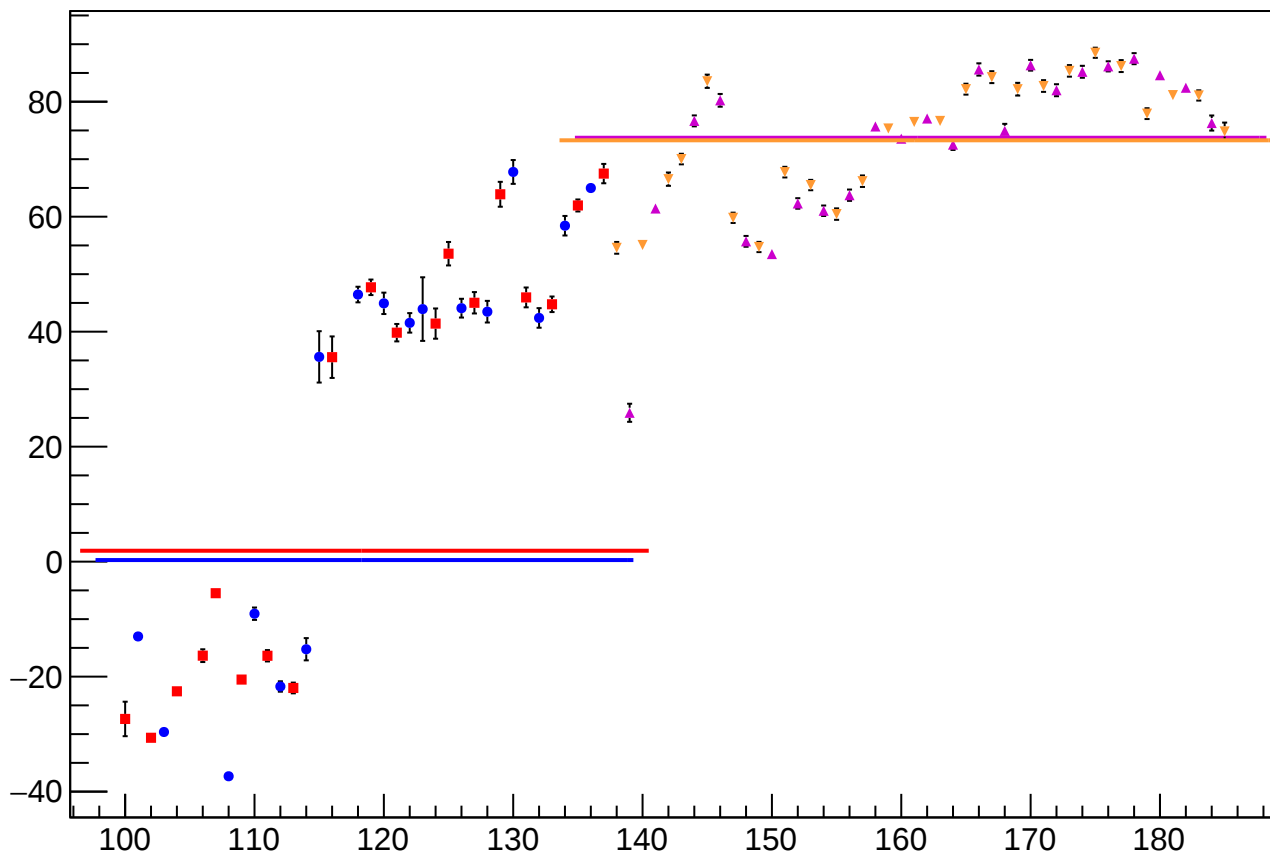
Left In: 53.447 ± 0.215 χ^2/NDF : 1169.0/22

+ sign 38.503 ± 0.182 χ^2/NDF : 19045.8/41

All: 39.255 ± 0.130 χ^2/NDF : 36499.7/83

- sign 40.050 ± 0.187 χ^2/NDF : 17418.8/41

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.275 ± 0.248 χ^2/NDF : 18220.1/16

Left Out: 73.286 ± 0.187 χ^2/NDF : 3145.4/24

Right Out: 1.897 ± 0.267 χ^2/NDF : 15412.8/18

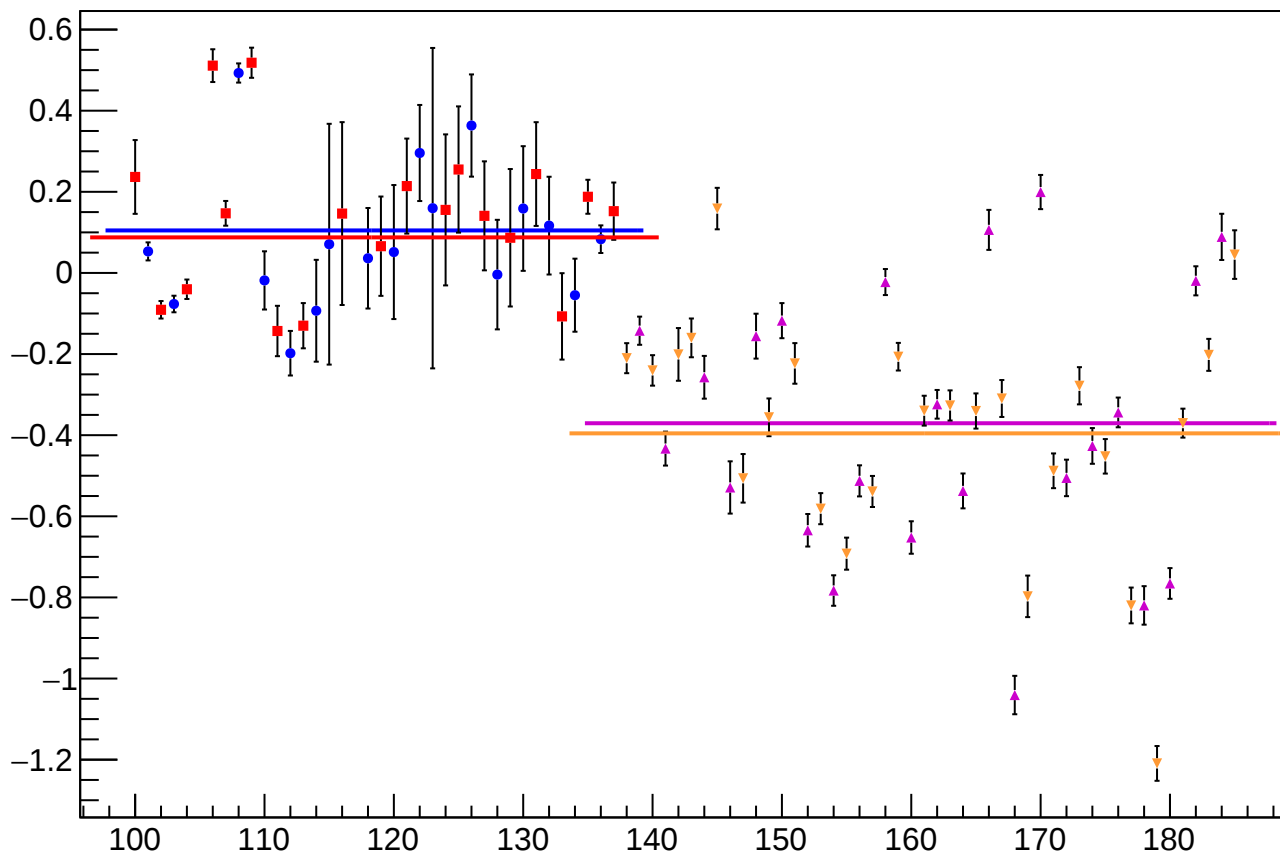
Left In: 73.730 ± 0.194 χ^2/NDF : 3775.8/22

+ sign 46.798 ± 0.149 χ^2/NDF : 76751.4/41

All: 47.760 ± 0.108 χ^2/NDF : 143393.9/83

- sign 48.827 ± 0.157 χ^2/NDF : 66554.7/41

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.396 ± 0.009 $\chi^2/\text{NDF}: 950.5/24$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 390.7/18$

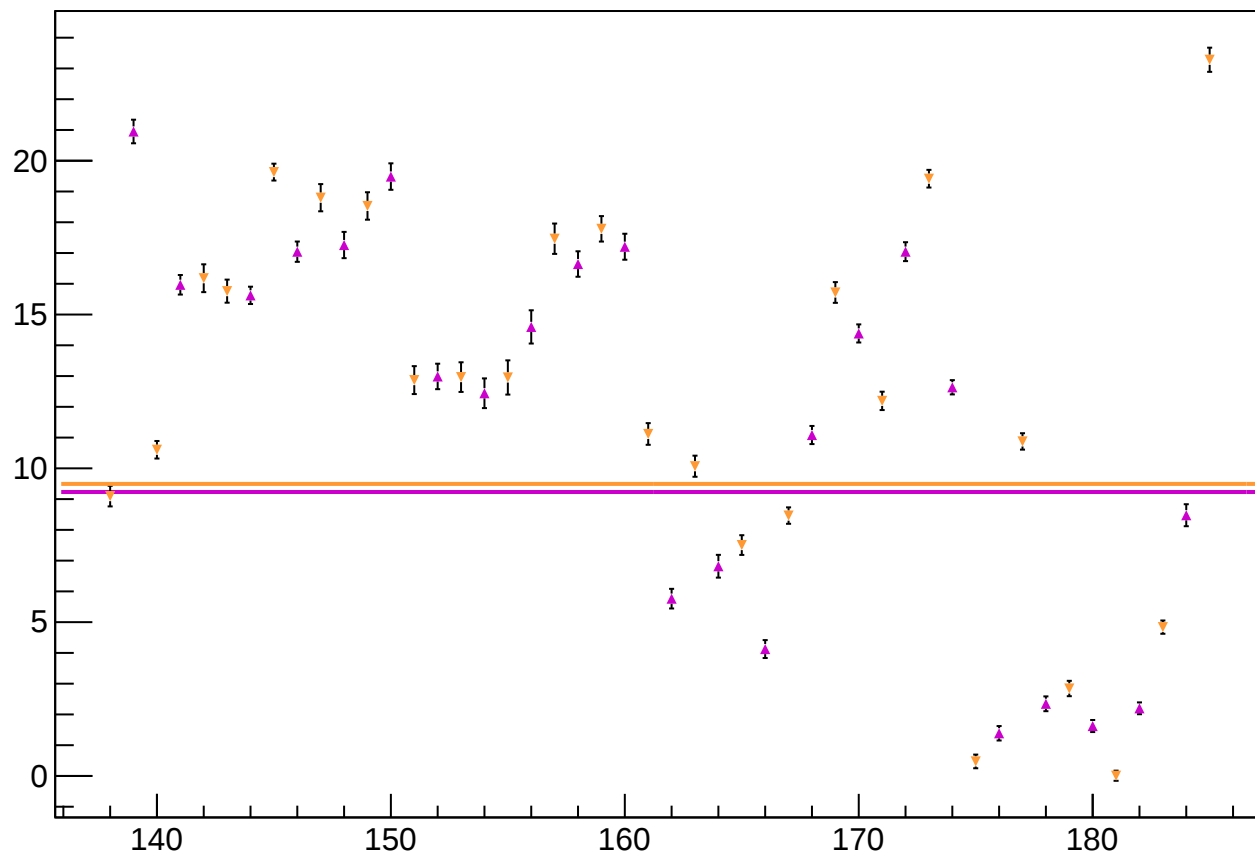
Left In: -0.371 ± 0.009 $\chi^2/\text{NDF}: 1313.7/22$

+ sign -0.208 ± 0.007 $\chi^2/\text{NDF}: 2635.1/41$

All: -0.201 ± 0.005 $\chi^2/\text{NDF}: 5407.3/83$

- sign -0.194 ± 0.007 $\chi^2/\text{NDF}: 2770.1/41$

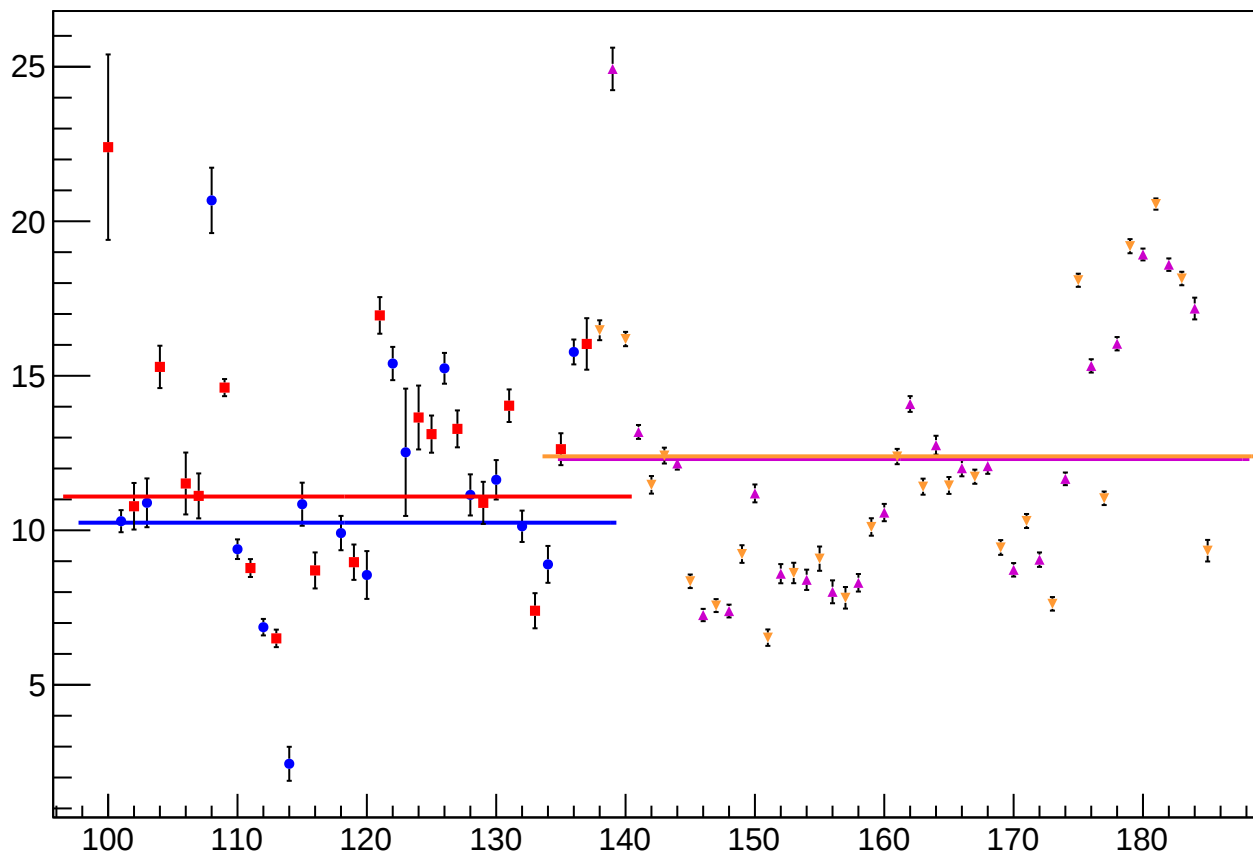
reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.494 $\pm$ 0.061 χ^2 /NDF:12612.6/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.231 $\pm$ 0.063 χ^2 /NDF:10736.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 9.366 $\pm$ 0.044 χ^2 /NDF: 23357.7/47
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.246 ± 0.120 χ^2/NDF : 866.1/16

Left Out: 12.393 ± 0.050 χ^2/NDF : 7525.9/24

Right Out: 11.093 ± 0.117 χ^2/NDF : 816.7/18

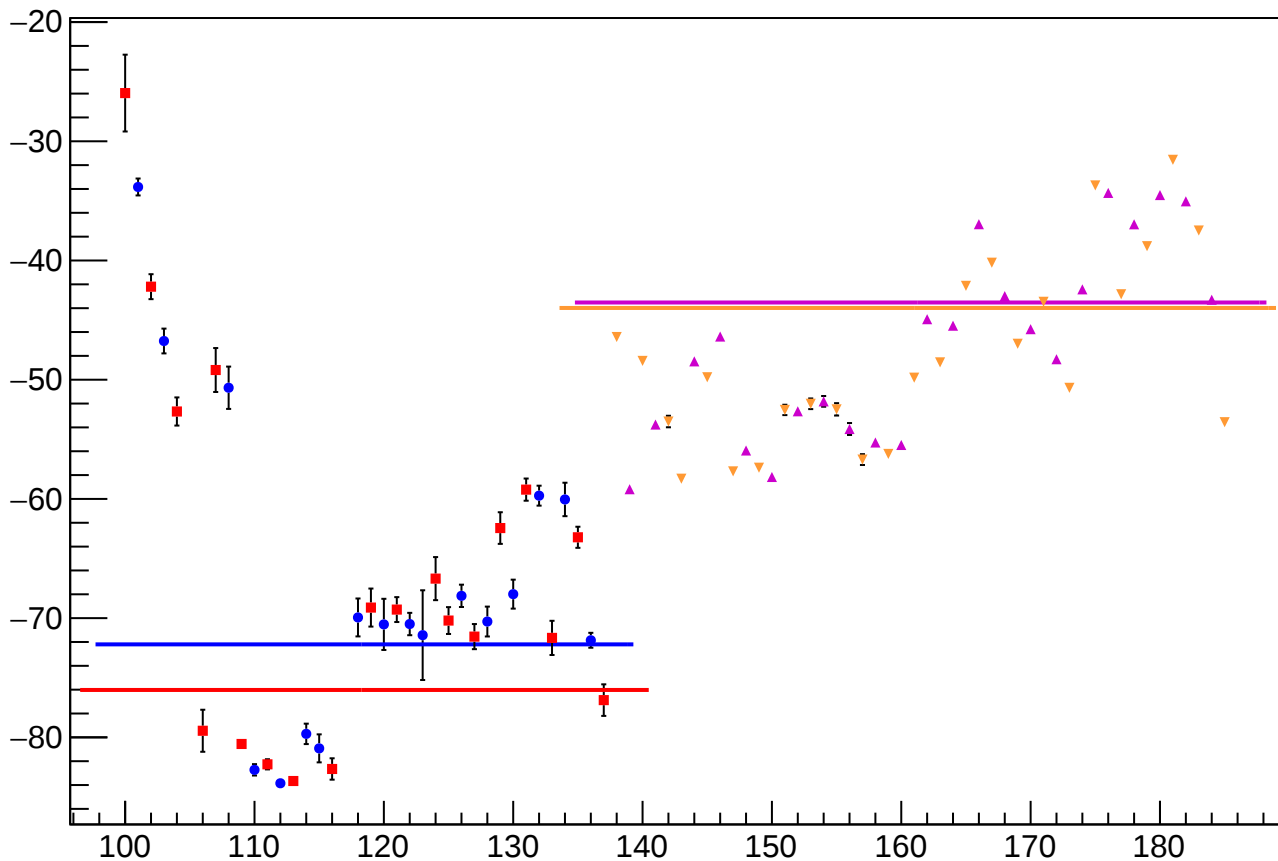
Left In: 12.307 ± 0.051 χ^2/NDF : 5601.8/22

+ sign 12.077 ± 0.046 χ^2/NDF : 8666.6/41

All: 12.093 ± 0.033 χ^2/NDF : 15176.4/83

- sign 12.110 ± 0.047 χ^2/NDF : 6509.5/41

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.200 ± 0.198 χ^2/NDF : 5562.7/16

Left Out: -43.981 ± 0.062 χ^2/NDF : 17742.8/24

Right Out: -76.024 ± 0.181 χ^2/NDF : 3459.2/18

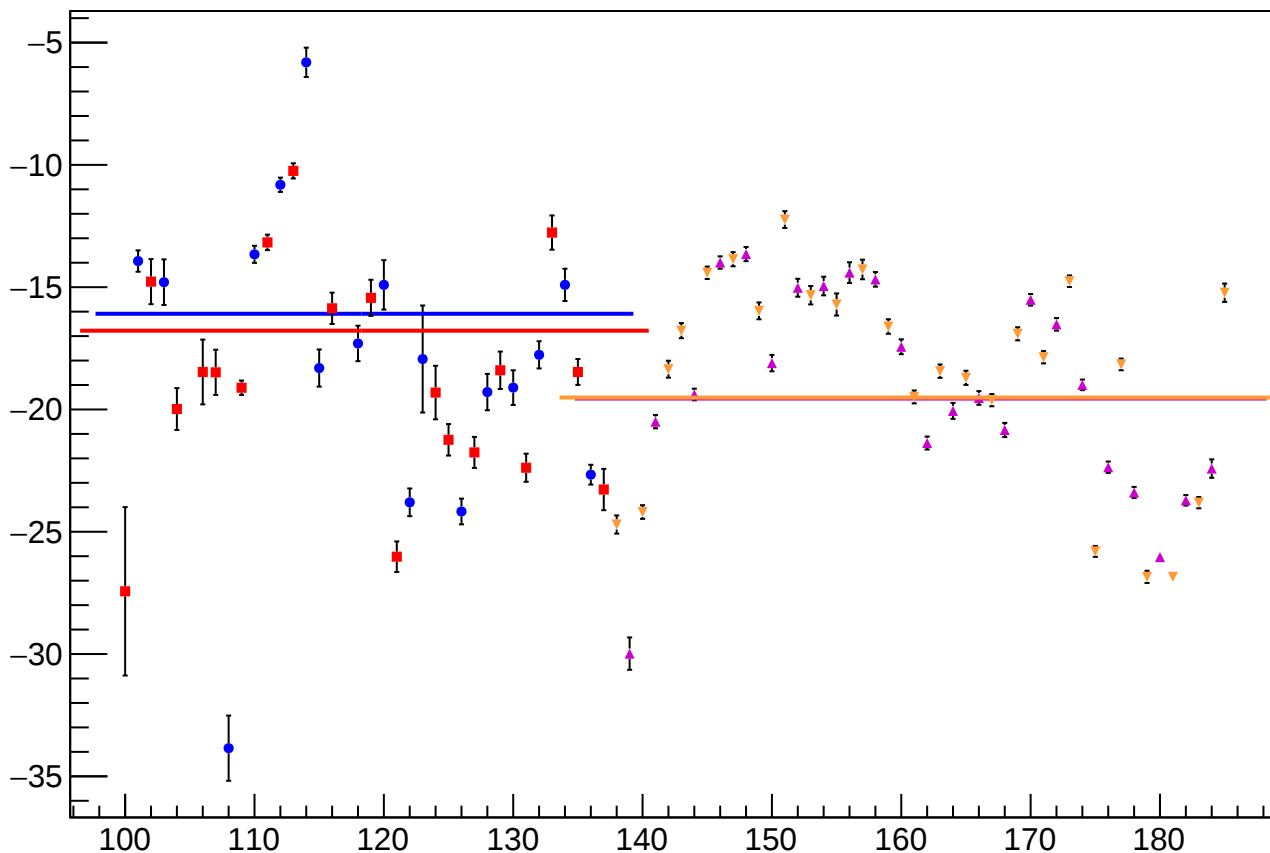
Left In: -43.523 ± 0.063 χ^2/NDF : 15267.1/22

+ sign -46.487 ± 0.059 χ^2/NDF : 41732.3/41

All: -46.772 ± 0.042 χ^2/NDF : 89192.8/83

- sign -47.062 ± 0.060 χ^2/NDF : 47413.7/41

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.087 ± 0.133 $\chi^2/\text{NDF}: 1620.7/16$

Left Out: -19.512 ± 0.056 $\chi^2/\text{NDF}: 6505.2/24$

Right Out: -16.779 ± 0.128 $\chi^2/\text{NDF}: 1211.2/18$

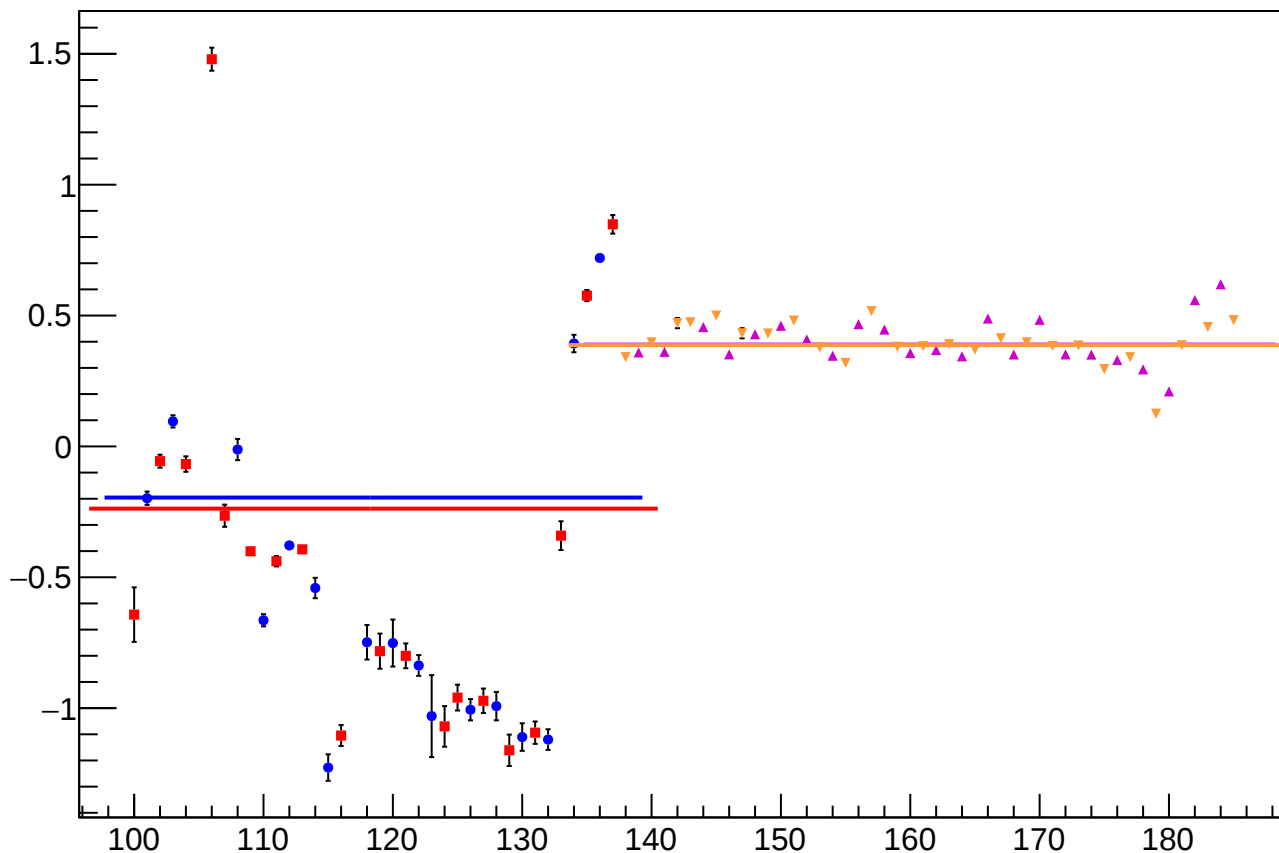
Left In: -19.555 ± 0.057 $\chi^2/\text{NDF}: 4311.2/22$

+ sign -18.999 ± 0.051 $\chi^2/\text{NDF}: 8691.2/41$

All: -19.045 ± 0.037 $\chi^2/\text{NDF}: 14605.2/83$

- sign -19.093 ± 0.052 $\chi^2/\text{NDF}: 5912.3/41$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.195 ± 0.008 χ^2/NDF : 6316.5/16

Left Out: 0.387 ± 0.003 χ^2/NDF : 996.6/24

Right Out: -0.238 ± 0.007 χ^2/NDF : 6176.6/18

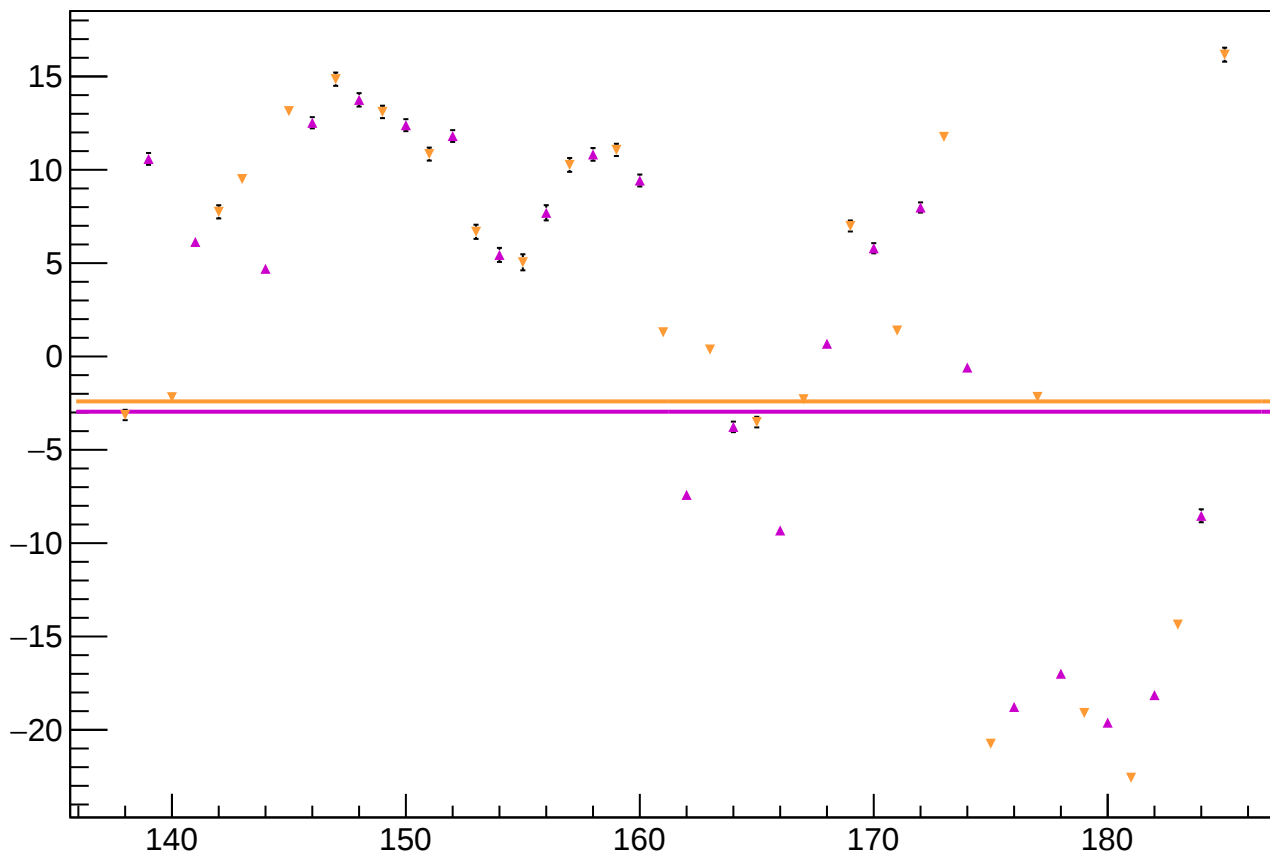
Left In: 0.389 ± 0.003 χ^2/NDF : 1256.9/22

+ sign 0.327 ± 0.002 χ^2/NDF : 12645.3/41

All: 0.321 ± 0.002 χ^2/NDF : 26810.4/83

- sign 0.316 ± 0.002 χ^2/NDF : 14153.7/41

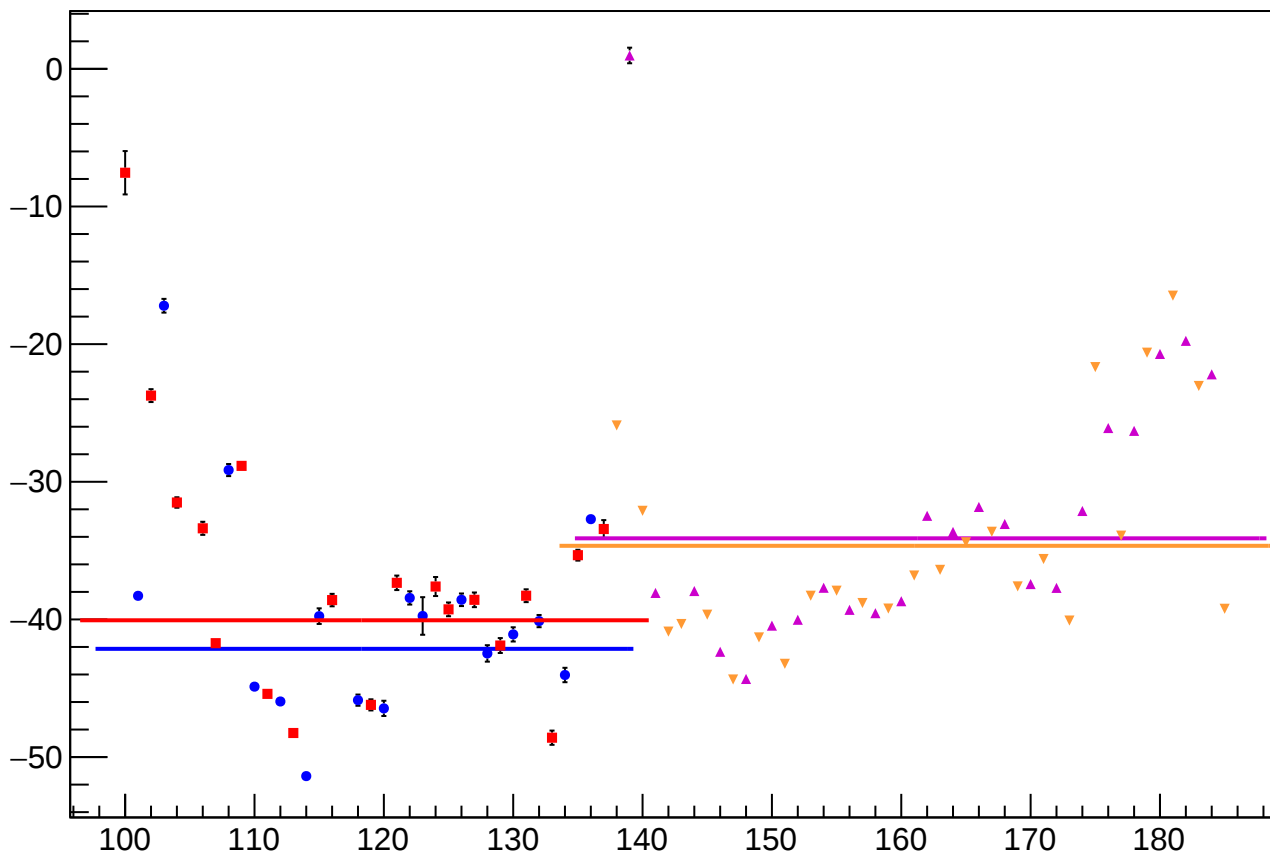
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.405 $\pm$ 0.053 χ^2 /NDF: 56373.5/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.959 $\pm$ 0.055 χ^2 /NDF: 45922.6/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.672 $\pm$ 0.038 χ^2 /NDF: 102349.1/47
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.136 ± 0.078 χ^2/NDF : 6553.2/16

Left Out: -34.651 ± 0.042 χ^2/NDF : 34607.9/24

Right Out: -40.062 ± 0.073 χ^2/NDF : 11320.5/18

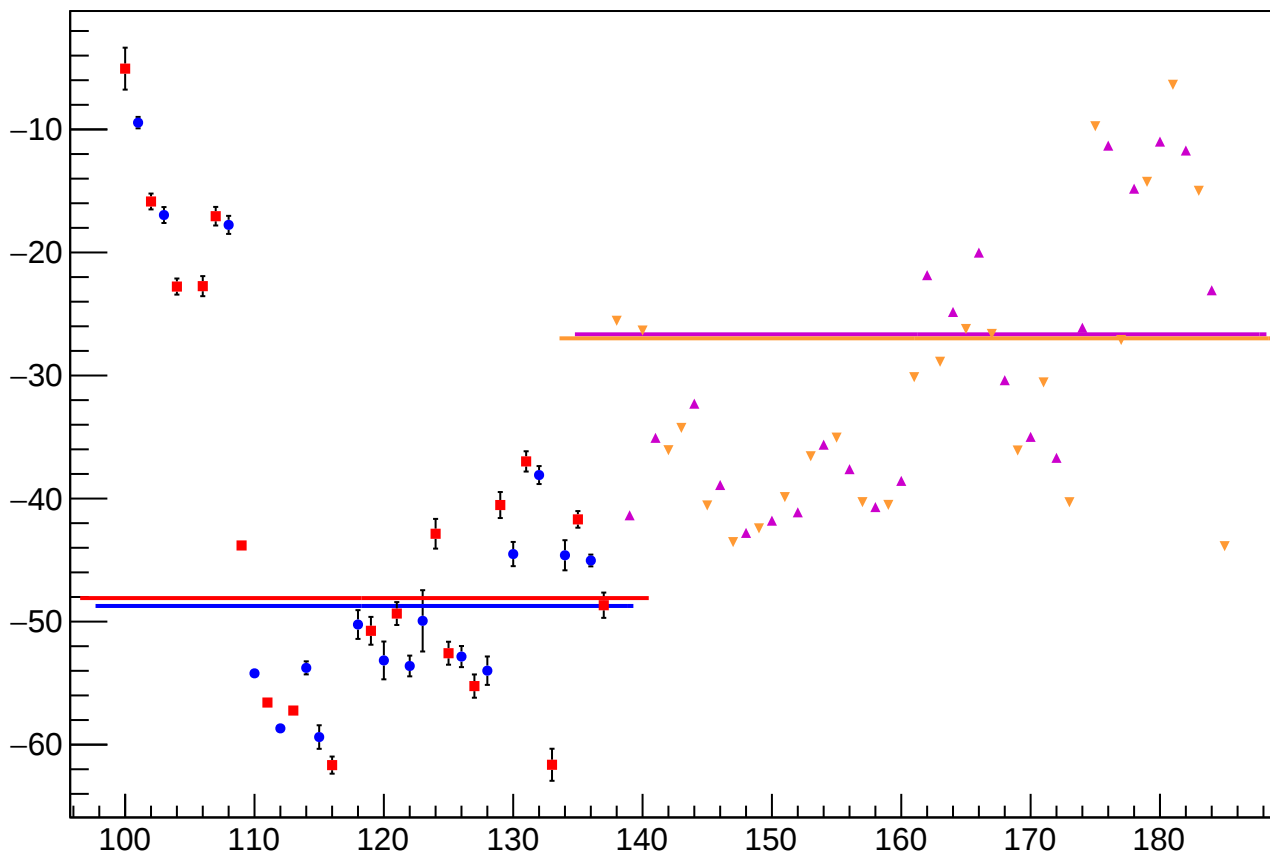
Left In: -34.108 ± 0.044 χ^2/NDF : 29052.8/22

+ sign -36.314 ± 0.037 χ^2/NDF : 48292.1/41

All: -36.013 ± 0.026 χ^2/NDF : 93701.8/83

- sign -35.699 ± 0.038 χ^2/NDF : 45273.1/41

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.729 ± 0.125 χ^2/NDF : 14659.5/16

Left Out: -26.978 ± 0.053 χ^2/NDF : 49371.1/24

Right Out: -48.089 ± 0.107 χ^2/NDF : 11732.9/18

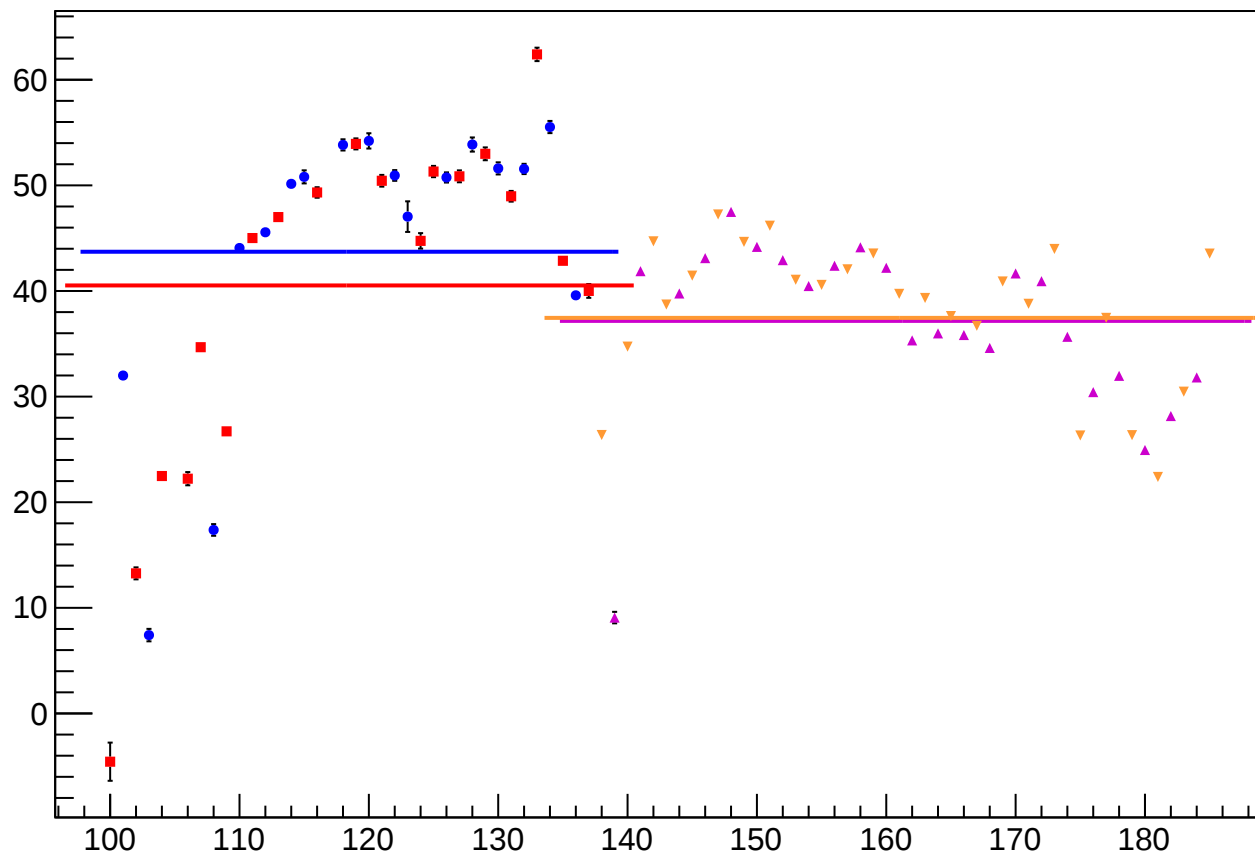
Left In: -26.654 ± 0.055 χ^2/NDF : 42106.8/22

+ sign -30.322 ± 0.049 χ^2/NDF : 89724.6/41

All: -30.715 ± 0.035 χ^2/NDF : 175320.8/83

- sign -31.107 ± 0.049 χ^2/NDF : 85467.4/41

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.716 $\pm$ 0.087 χ^2/NDF : 10564.2/16

Left Out: 37.453 $\pm$ 0.047 χ^2/NDF : 21531.5/24

Right Out: 40.525 $\pm$ 0.080 χ^2/NDF : 17578.6/18

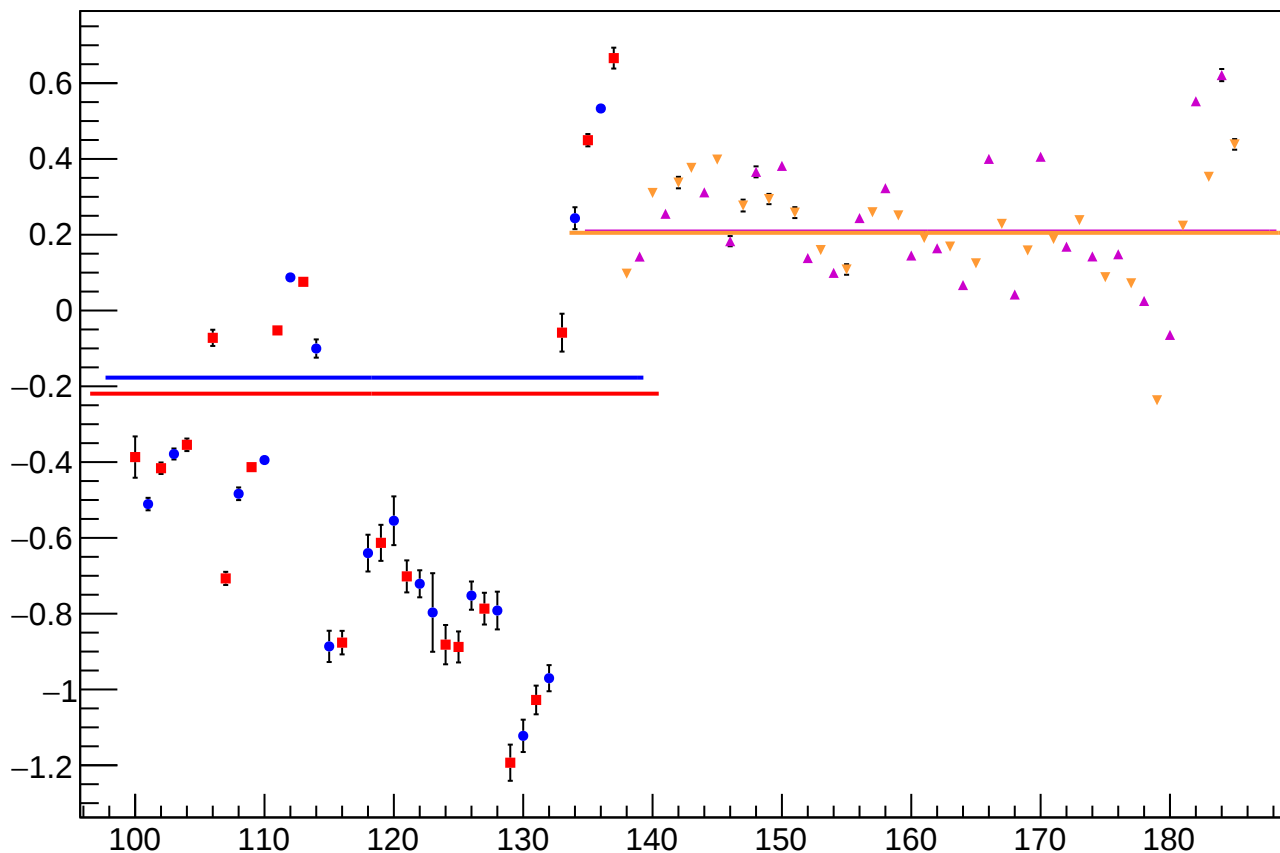
Left In: 37.169 $\pm$ 0.049 χ^2/NDF : 17236.9/22

+ sign 38.875 $\pm$ 0.041 χ^2/NDF : 36098.7/41

All: 38.486 $\pm$ 0.030 χ^2/NDF : 72362.2/83

- sign 38.088 $\pm$ 0.042 χ^2/NDF : 36085.7/41

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.005 χ^2/NDF : 7353.5/16

Left Out: 0.205 ± 0.002 χ^2/NDF : 3829.8/24

Right Out: -0.219 ± 0.004 χ^2/NDF : 7417.3/18

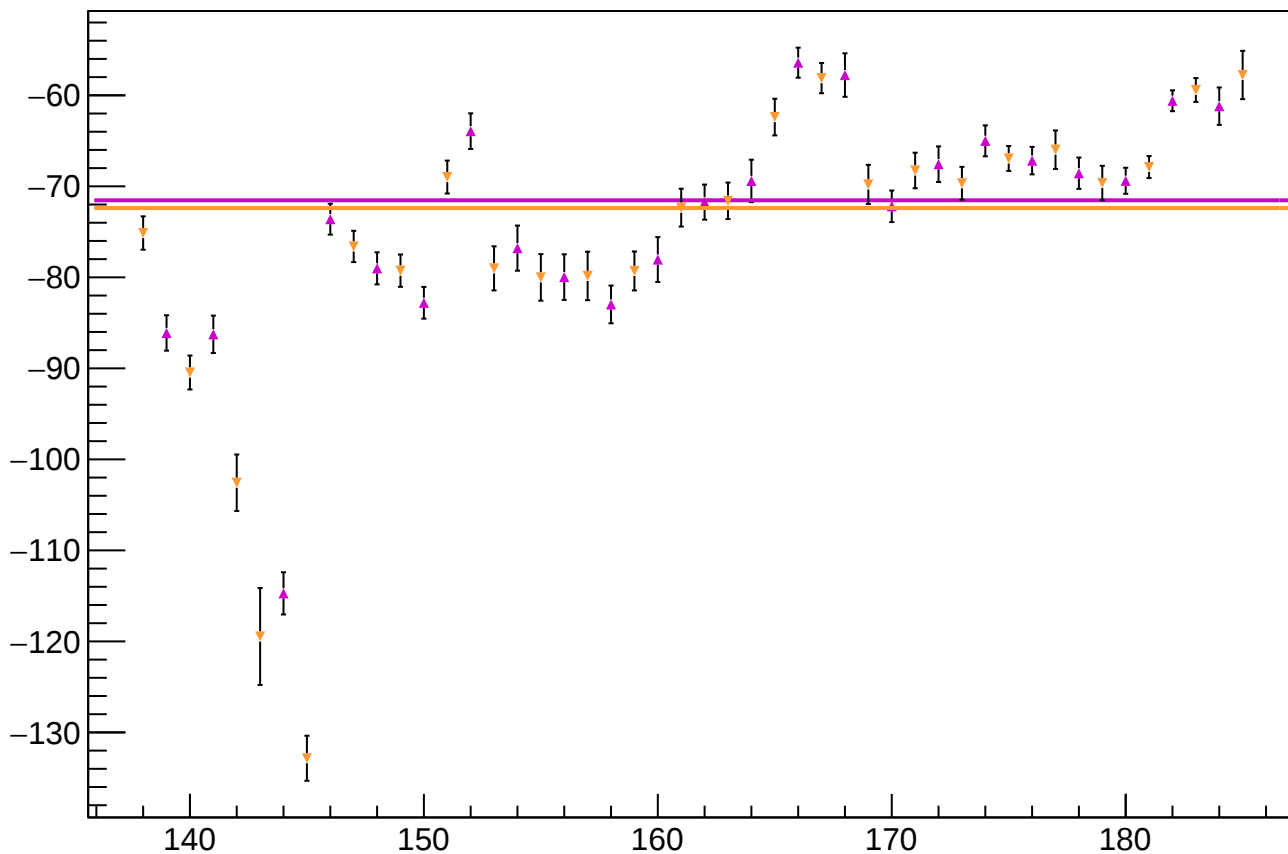
Left In: 0.208 ± 0.002 χ^2/NDF : 5094.6/22

+ sign 0.141 ± 0.002 χ^2/NDF : 16358.2/41

All: 0.129 ± 0.001 χ^2/NDF : 36710.6/83

- sign 0.117 ± 0.002 χ^2/NDF : 20278.6/41

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -72.381+/-0.382 χ^2/NDF :1200.5/24

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

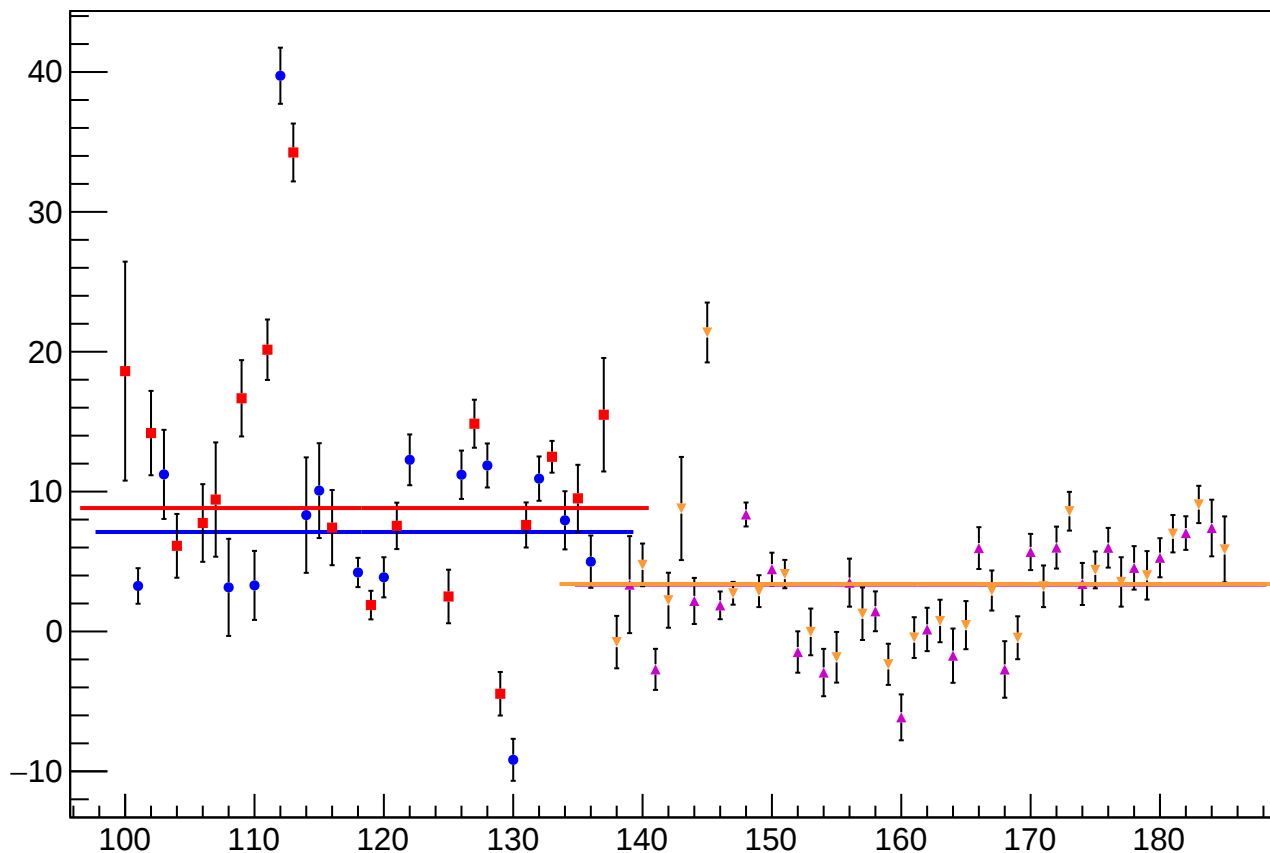
Left In: -71.534+/-0.382 χ^2/NDF :851.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.957+/-0.270 χ^2/NDF : 2054.4/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.112 $\pm$ 0.440 χ^2/NDF : 440.4/15

Left Out: 3.392 $\pm$ 0.294 χ^2/NDF : 169.9/24

Right Out: 8.824 $\pm$ 0.449 χ^2/NDF : 349.7/17

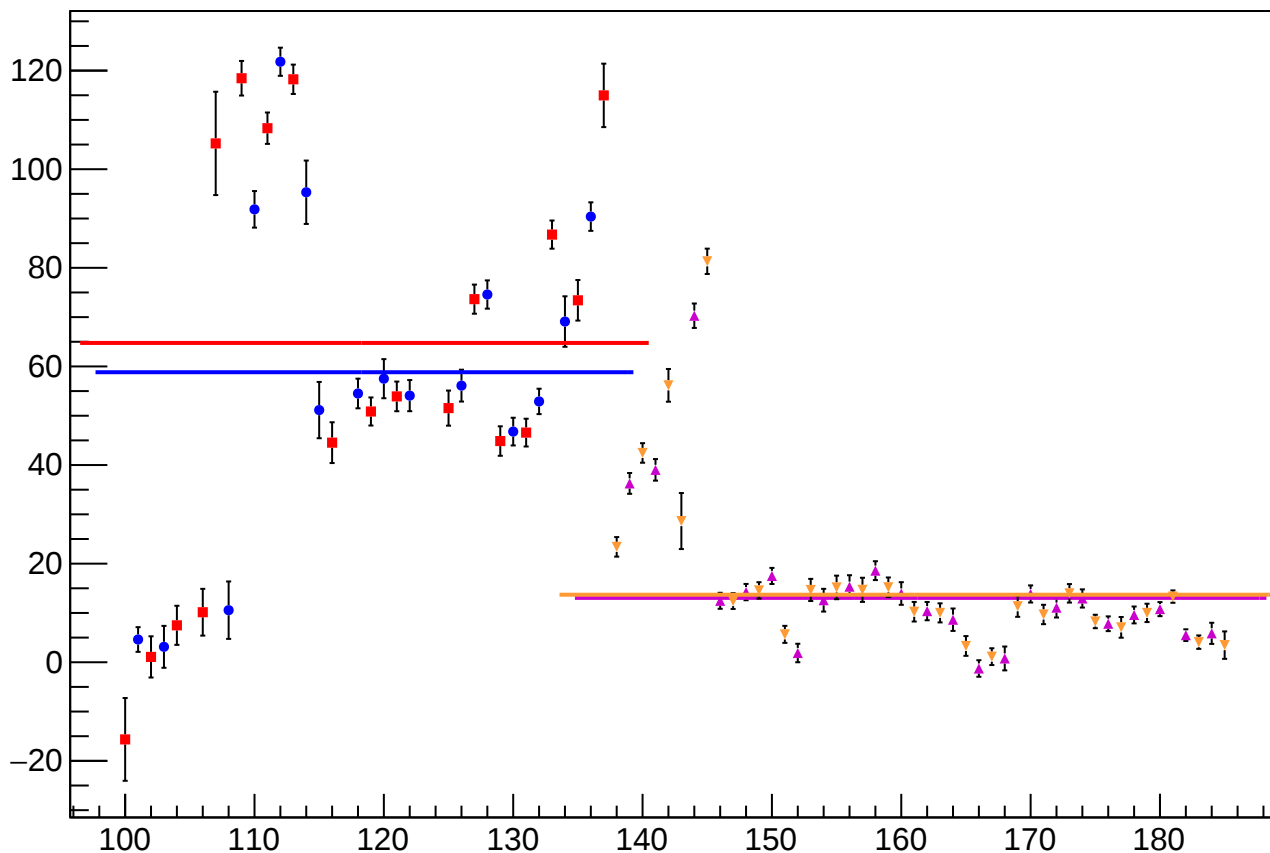
Left In: 3.349 $\pm$ 0.298 χ^2/NDF : 163.5/22

+ sign 4.538 $\pm$ 0.244 χ^2/NDF : 659.7/40

All: 4.779 $\pm$ 0.174 χ^2/NDF : 1278.2/81

- sign 5.027 $\pm$ 0.248 χ^2/NDF : 616.5/40

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.825 $\pm$ 0.839 χ^2 /NDF: 1491.4/15

Left Out: 13.697 $\pm$ 0.381 χ^2 /NDF:1307.7/24

Right Out: 64.764 $\pm$ 0.842 χ^2 /NDF: 1718.6/17

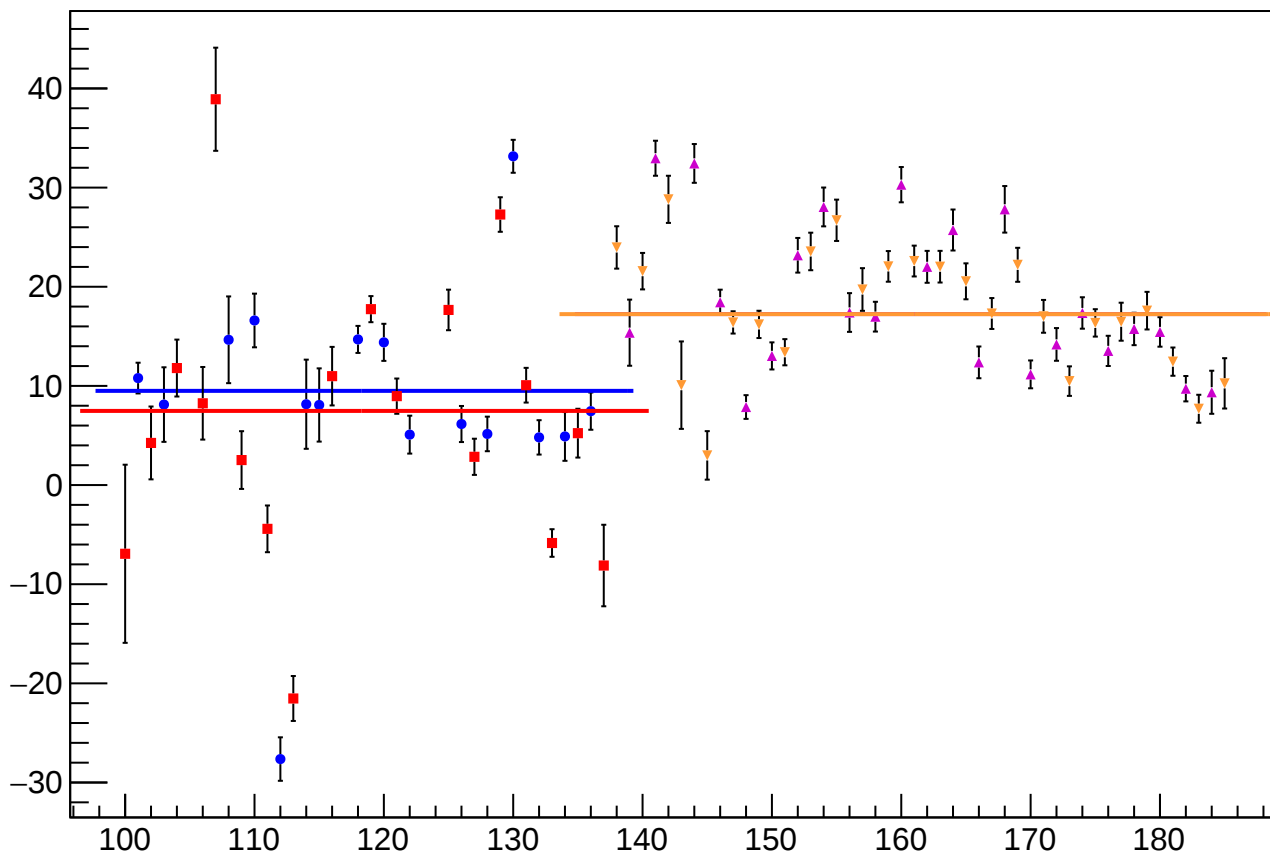
Left In: 13.058 $\pm$ 0.380 χ^2 /NDF:1024.7/22

+ sign 21.420 $\pm$ 0.347 χ^2 /NDF: 5199.7/40

All: 21.611 $\pm$ 0.245 χ^2 /NDF: 11078.5/81

- sign 21.802 $\pm$ 0.346 χ^2 /NDF: 5878.2/40

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.499 ± 0.508 χ^2/NDF : 547.2/15

Left Out: 17.238 ± 0.336 χ^2/NDF : 246.6/24

Right Out: 7.477 ± 0.516 χ^2/NDF : 566.9/17

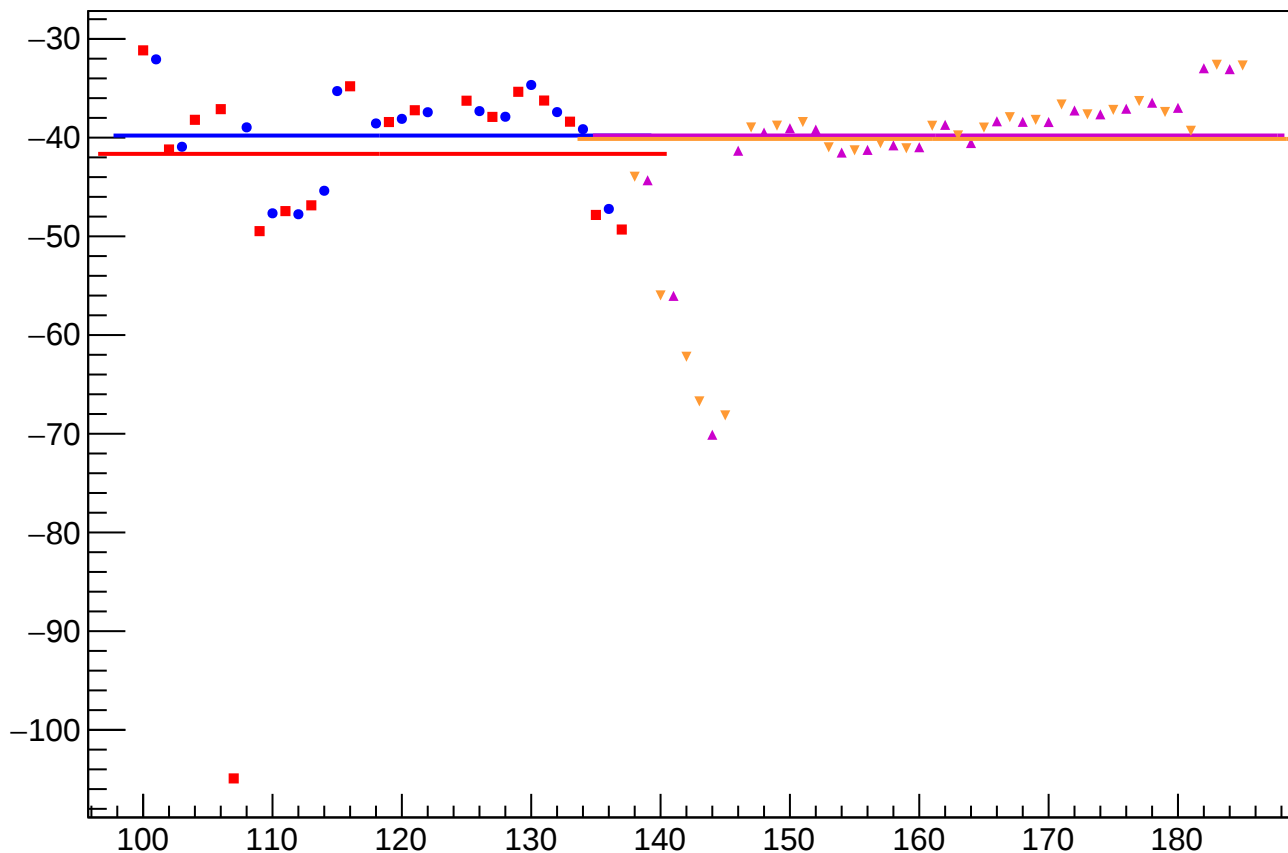
Left In: 17.245 ± 0.339 χ^2/NDF : 440.8/22

+ sign 14.880 ± 0.280 χ^2/NDF : 955.4/40

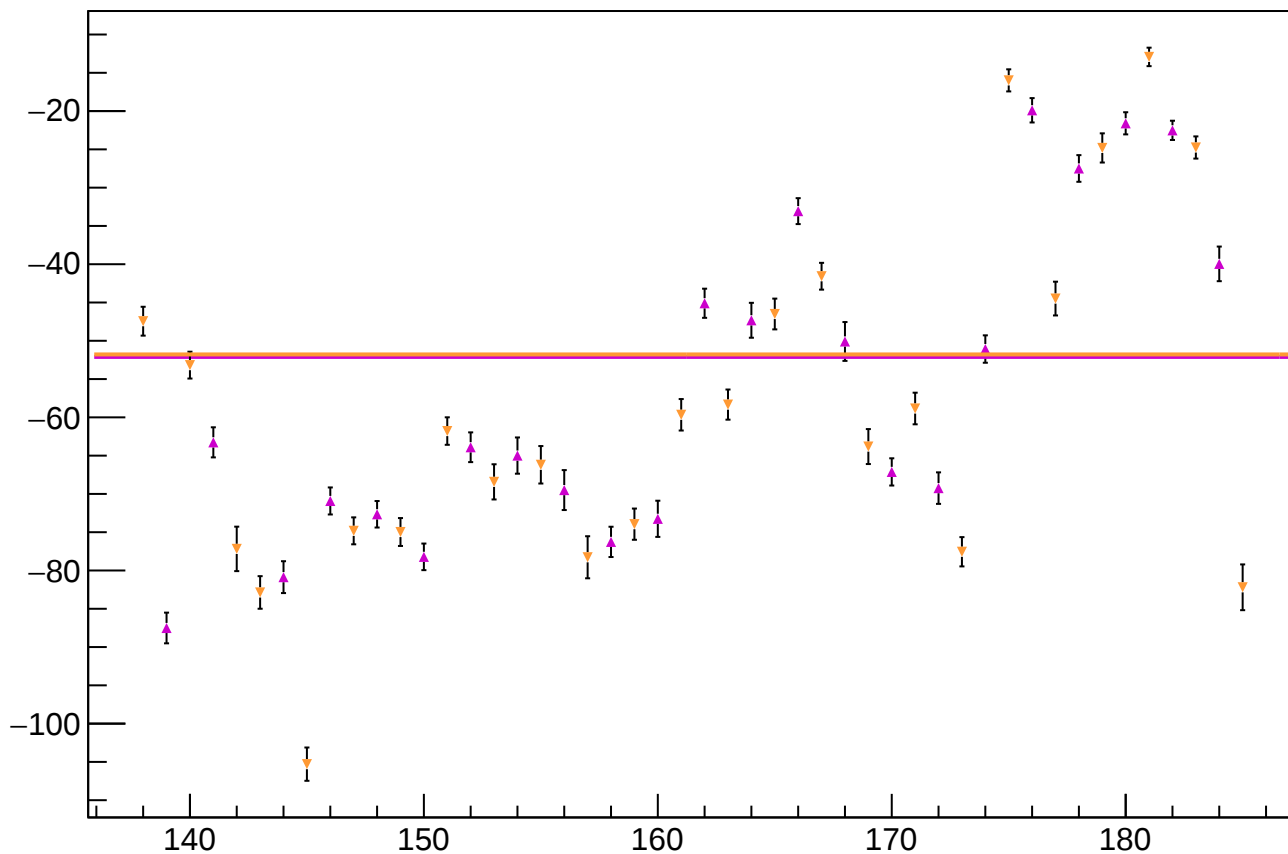
All: 14.590 ± 0.199 χ^2/NDF : 2215.4/81

- sign 14.294 ± 0.284 χ^2/NDF : 1257.9/40

reg_asym_usl_diff_bpm12X_slope vs Slug



reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -51.784+/-0.383 χ^2/NDF : 4168.0/24

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

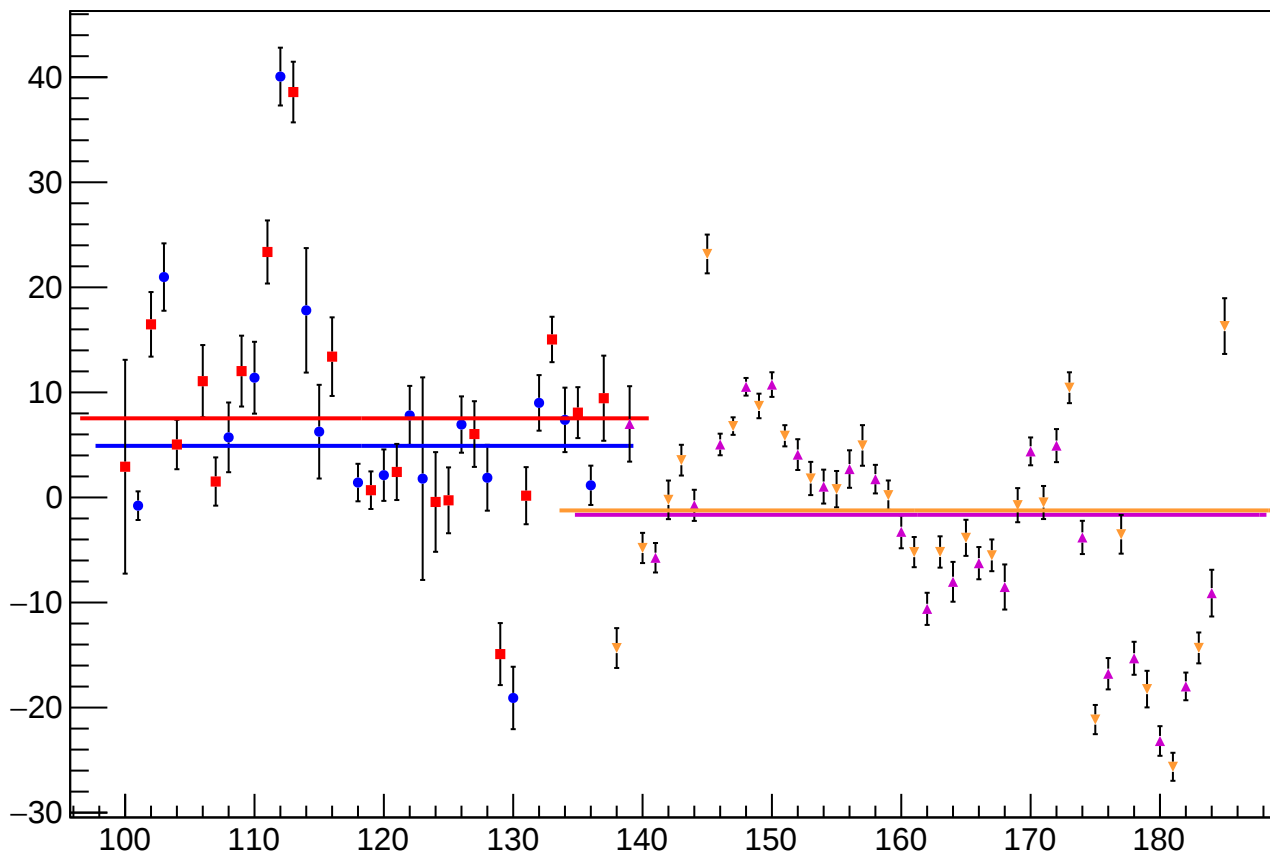
Left In: -52.104+/-0.389 χ^2/NDF : 3280.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.941+/-0.273 χ^2/NDF : 7448.5/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.912 ± 0.629 χ^2/NDF : 294.3/16

Left Out: -1.235 ± 0.292 χ^2/NDF : 1319.5/24

Right Out: 7.532 ± 0.651 χ^2/NDF : 270.5/18

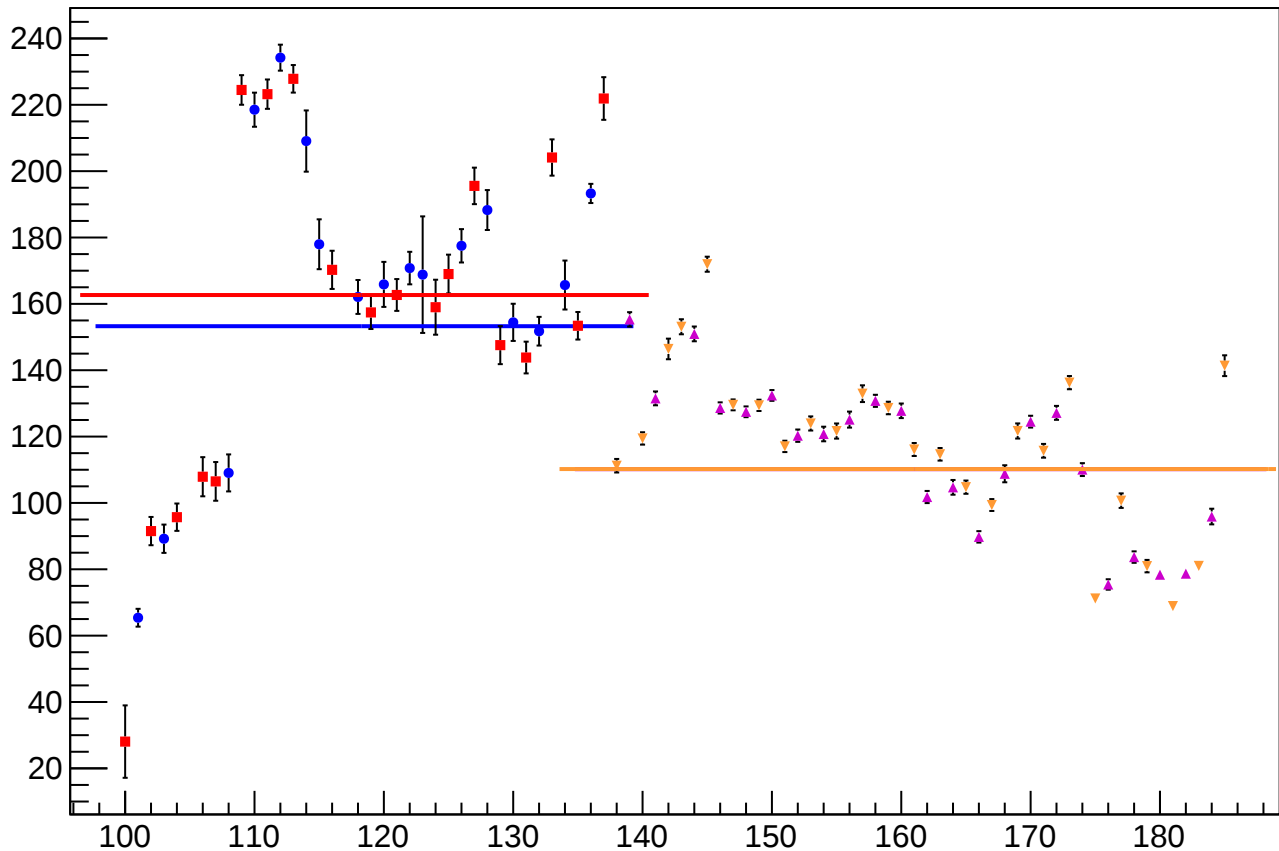
Left In: -1.650 ± 0.300 χ^2/NDF : 1092.2/22

+ sign -0.145 ± 0.265 χ^2/NDF : 1692.5/41

All: -0.095 ± 0.190 χ^2/NDF : 3219.3/83

- sign -0.042 ± 0.273 χ^2/NDF : 1526.7/41

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.268 $\pm$ 1.152 χ^2 /NDF: 2266.2/16

Left Out: 110.209 $\pm$ 0.382 χ^2 /NDF: 4597.4/24

Right Out: 162.664 $\pm$ 1.179 χ^2 /NDF: 1708.8/18

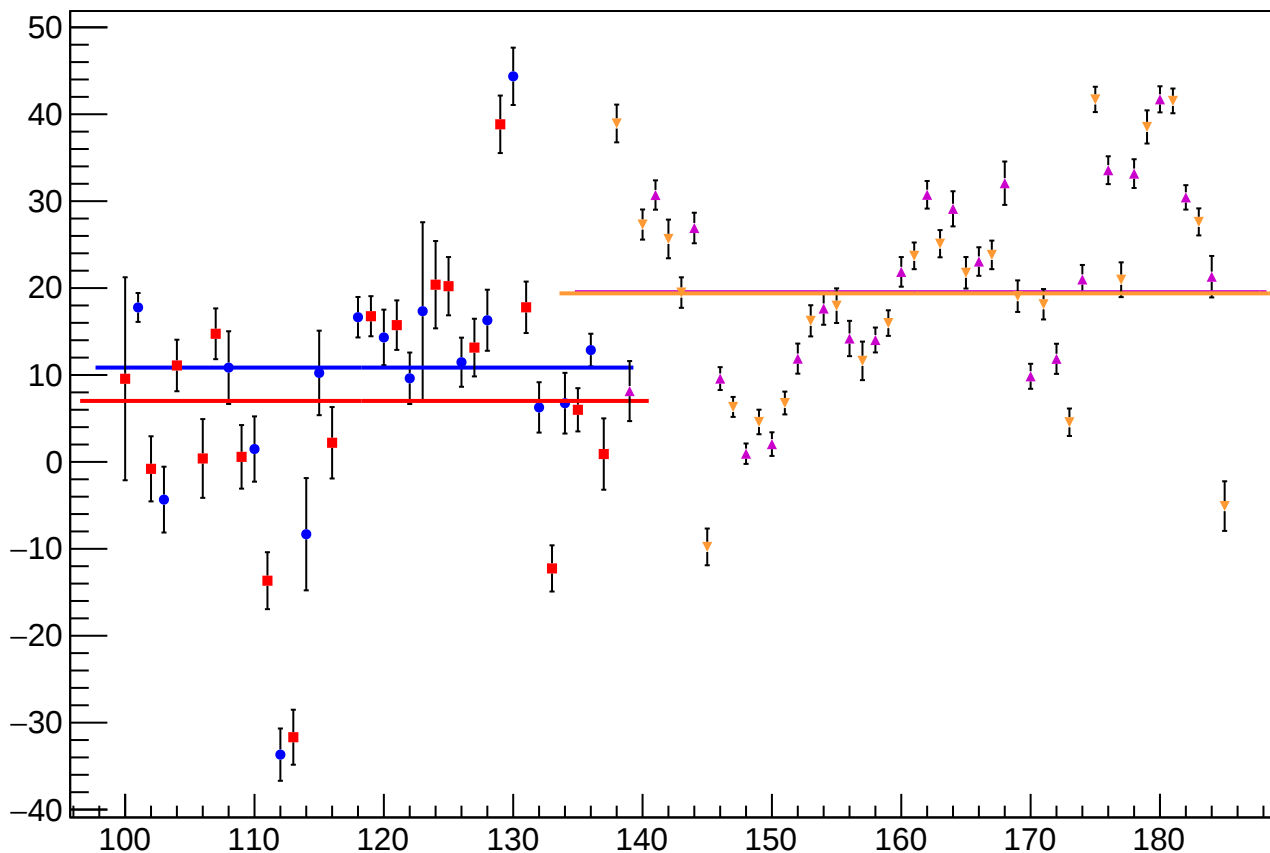
Left In: 110.171 $\pm$ 0.386 χ^2 /NDF: 3702.6/22

+ sign 114.478 $\pm$ 0.363 χ^2 /NDF: 8122.4/41

All: 114.862 $\pm$ 0.258 χ^2 /NDF: 15327.8/83

- sign 115.256 $\pm$ 0.367 χ^2 /NDF: 7203.1/41

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.853 $\pm$ 0.721 χ^2 /NDF: 386.3/16

Left Out: 19.391 $\pm$ 0.335 χ^2 /NDF:1451.4/24

Right Out: 7.016 $\pm$ 0.749 χ^2 /NDF: 423.3/18

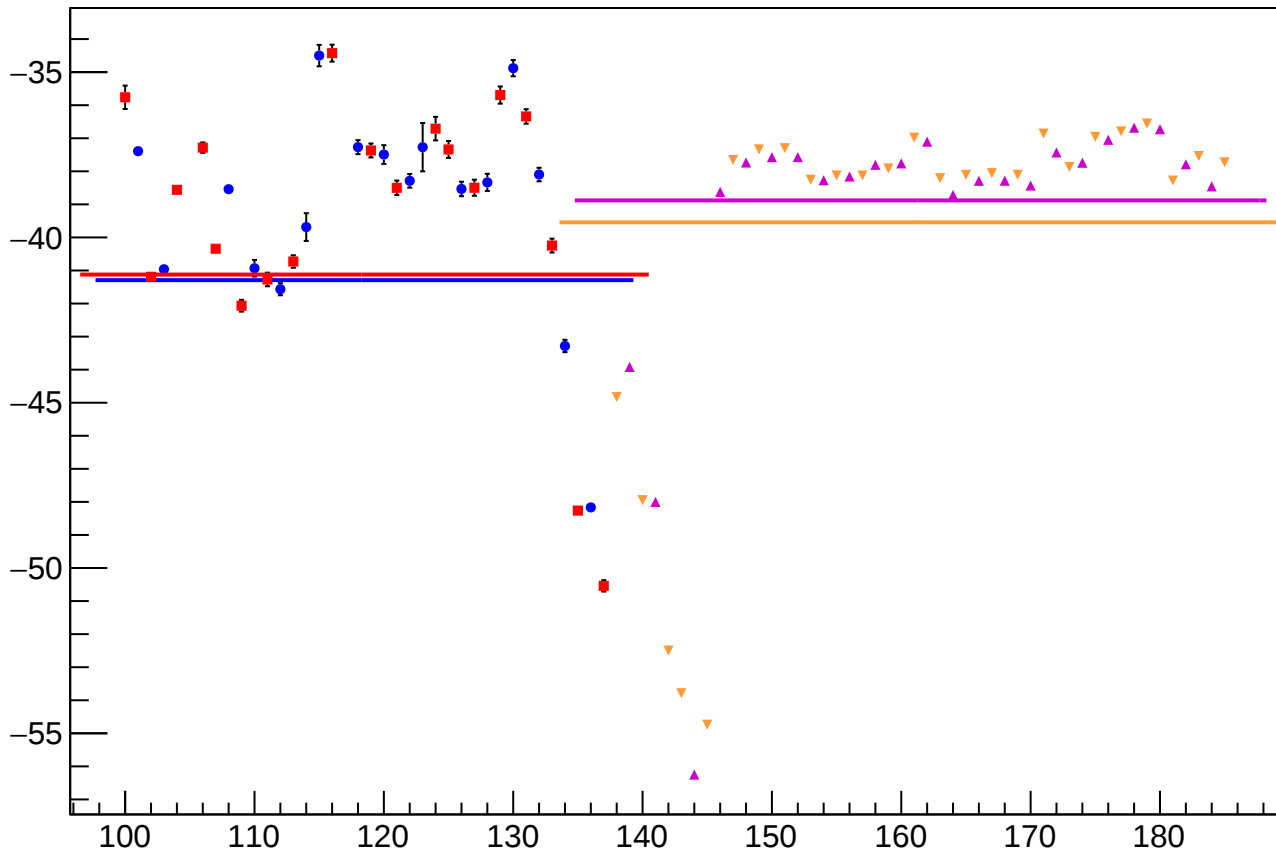
Left In: 19.530 $\pm$ 0.342 χ^2 /NDF:1181.3/22

+ sign 17.876 $\pm$ 0.304 χ^2 /NDF: 1953.2/41

All: 17.627 $\pm$ 0.217 χ^2 /NDF: 3790.2/83

- sign 17.365 $\pm$ 0.311 χ^2 /NDF: 1835.7/41

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.292 ± 0.039 $\chi^2/\text{NDF}: 12502.4/16$

Left Out: -39.543 ± 0.016 $\chi^2/\text{NDF}: 92014.5/24$

Right Out: -41.123 ± 0.039 $\chi^2/\text{NDF}: 12115.0/18$

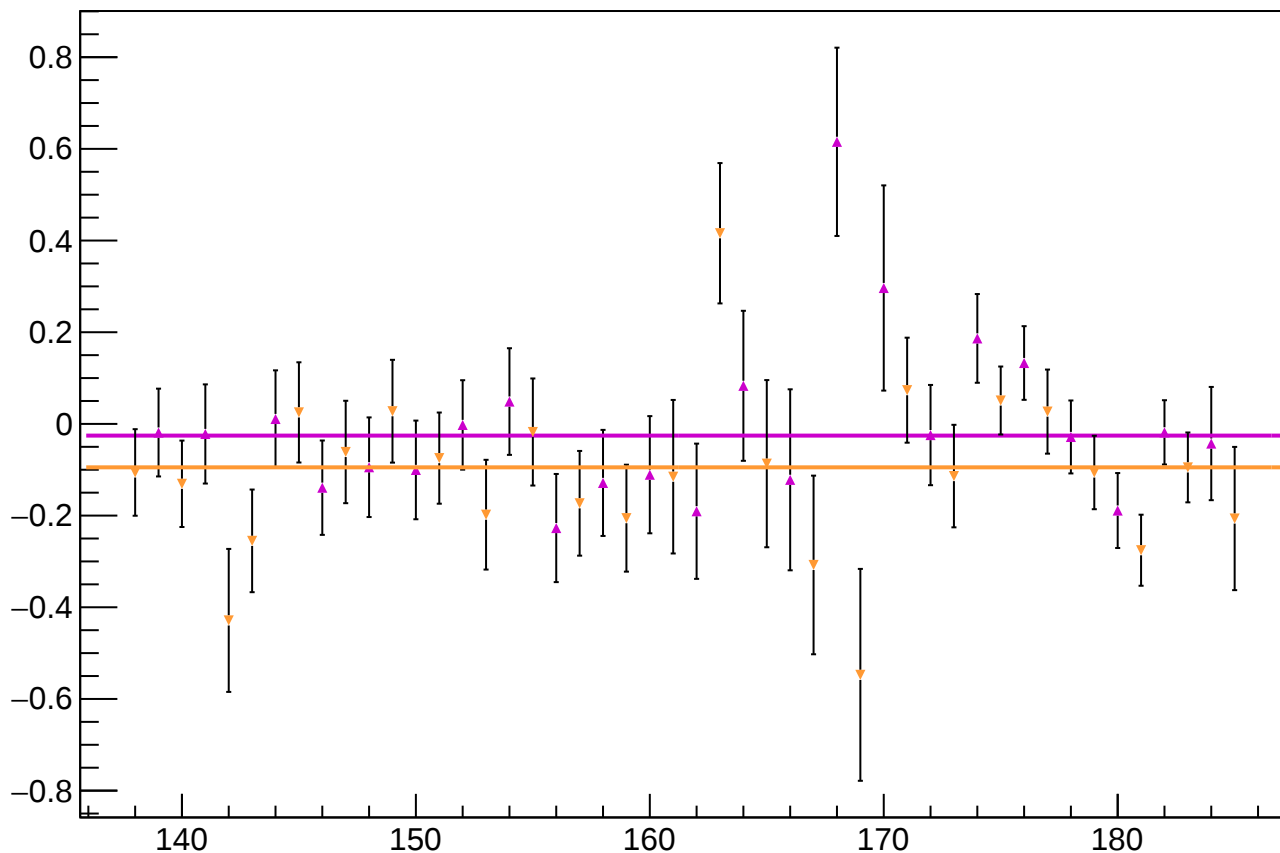
Left In: -38.880 ± 0.016 $\chi^2/\text{NDF}: 53409.9/22$

+ sign -39.792 ± 0.015 $\chi^2/\text{NDF}: 106275.3/41$

All: -39.499 ± 0.010 $\chi^2/\text{NDF}: 175489.0/83$

- sign -39.203 ± 0.015 $\chi^2/\text{NDF}: 68402.7/41$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.095 ± 0.022 χ^2/NDF : 41.8/24

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

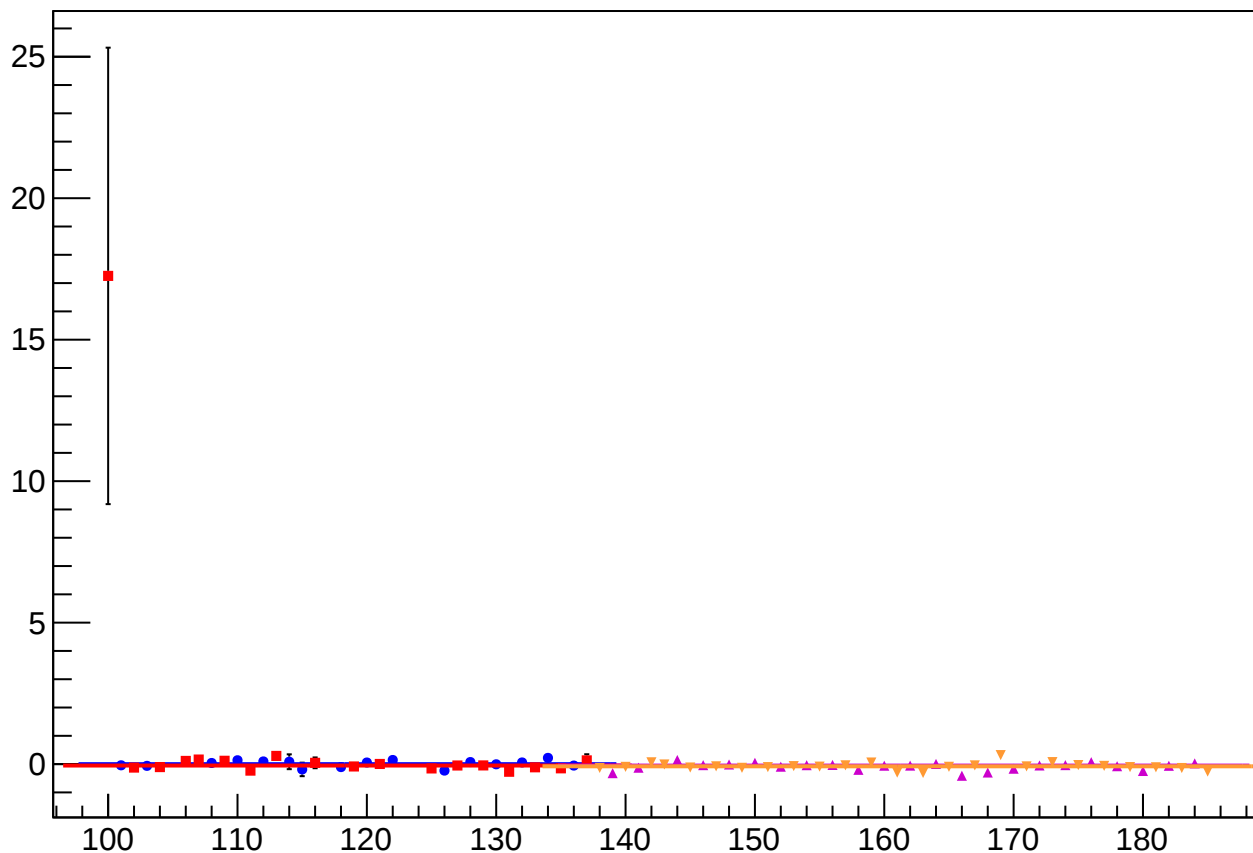
Left In: -0.026 ± 0.022 χ^2/NDF : 33.3/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.061 ± 0.016 χ^2/NDF : 80.1/47

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: -0.002 ± 0.029 χ^2/NDF : 12.7/15

Left Out: -0.078 ± 0.017 χ^2/NDF : 26.5/24

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.5/17

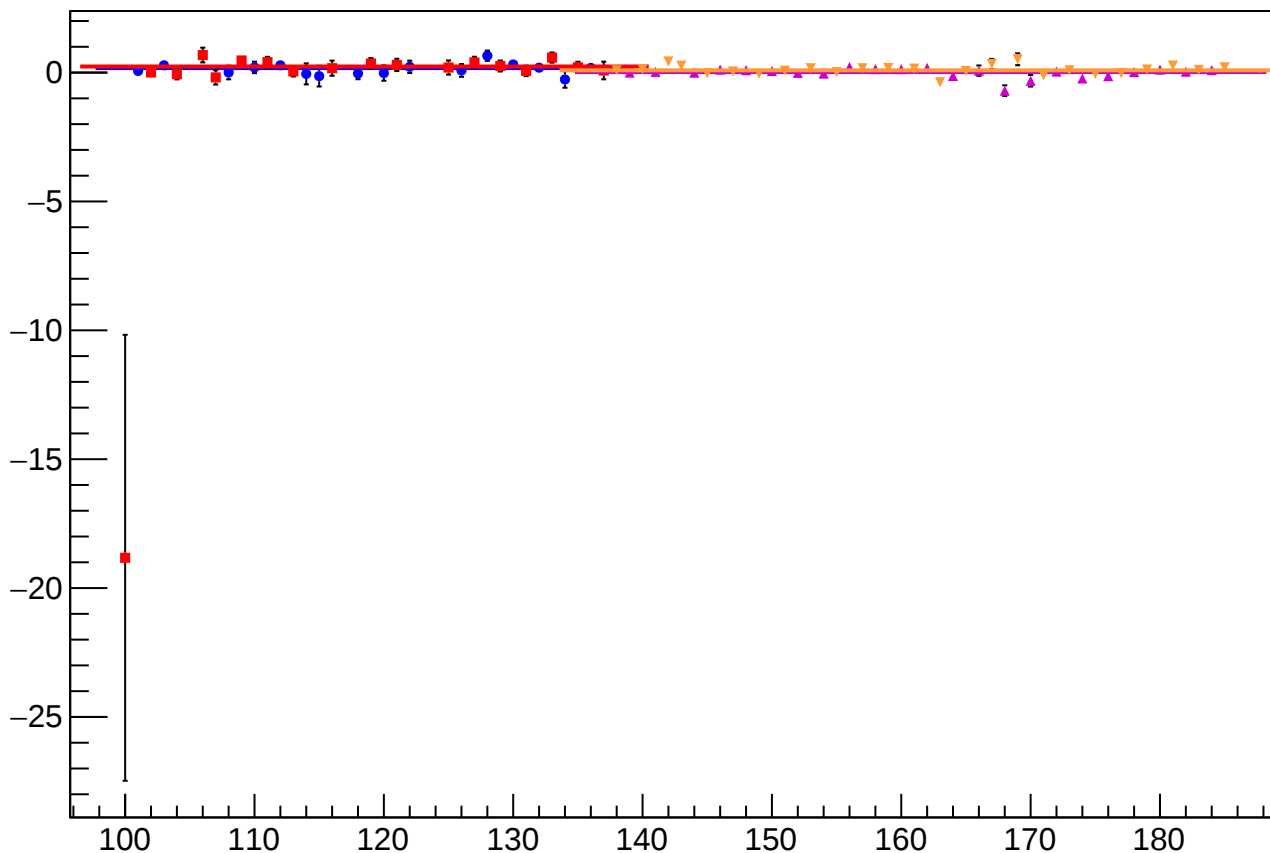
Left In: -0.052 ± 0.018 χ^2/NDF : 31.7/22

+ sign -0.058 ± 0.015 χ^2/NDF : 44.4/40

All: -0.055 ± 0.010 χ^2/NDF : 101.7/81

- sign -0.052 ± 0.015 χ^2/NDF : 57.2/40

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.174 $\pm$ 0.053 χ^2 /NDF: 12.4/15

Left Out: 0.087 $\pm$ 0.022 χ^2 /NDF: 40.7/24

Right Out: 0.236 $\pm$ 0.054 χ^2 /NDF: 21.5/17

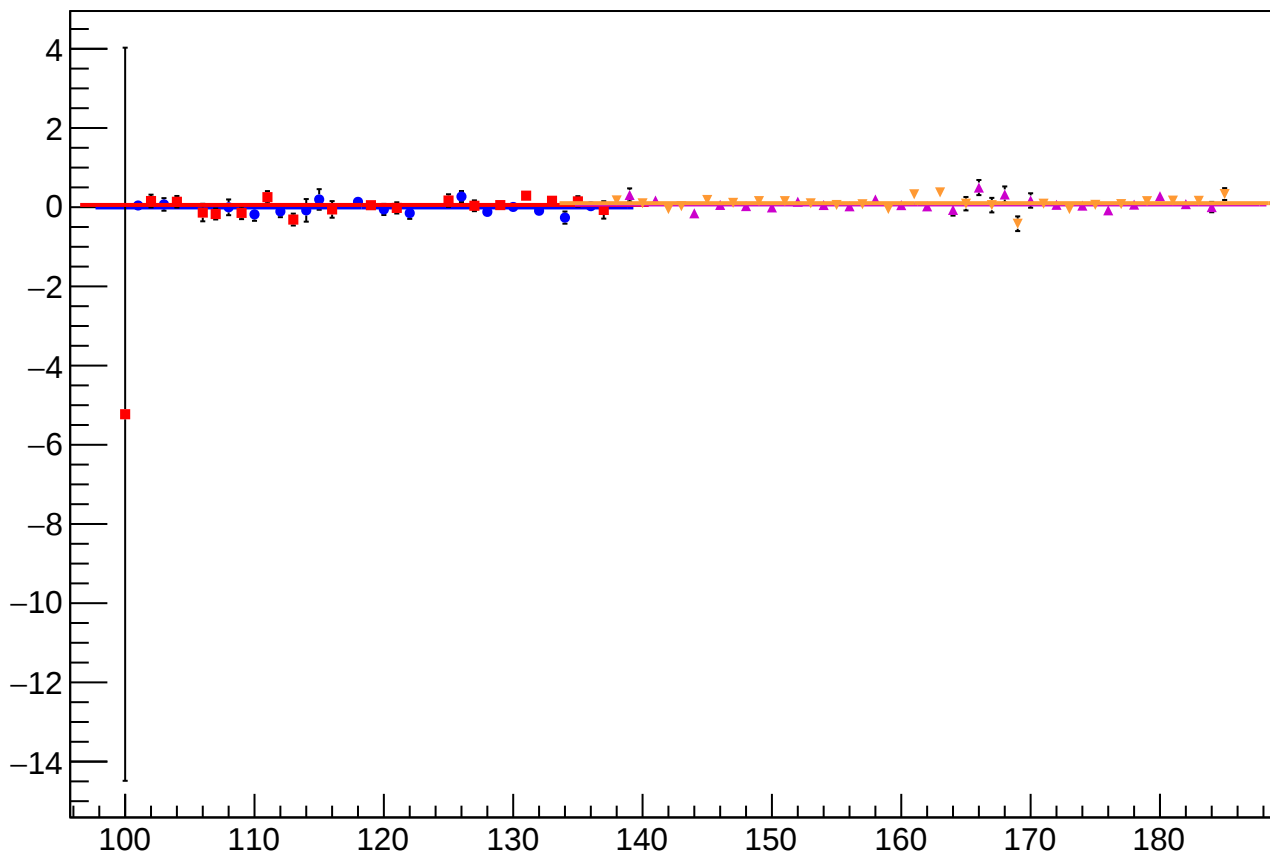
Left In: 0.020 $\pm$ 0.022 χ^2 /NDF: 35.6/22

+ sign 0.100 $\pm$ 0.020 χ^2 /NDF: 55.5/40

All: 0.076 $\pm$ 0.014 χ^2 /NDF: 129.1/81

- sign 0.051 $\pm$ 0.021 χ^2 /NDF: 70.7/40

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.006 ± 0.033 χ^2/NDF : 14.1/15

Left Out: 0.102 ± 0.019 χ^2/NDF : 30.2/24

Right Out: 0.057 ± 0.034 χ^2/NDF : 20.3/17

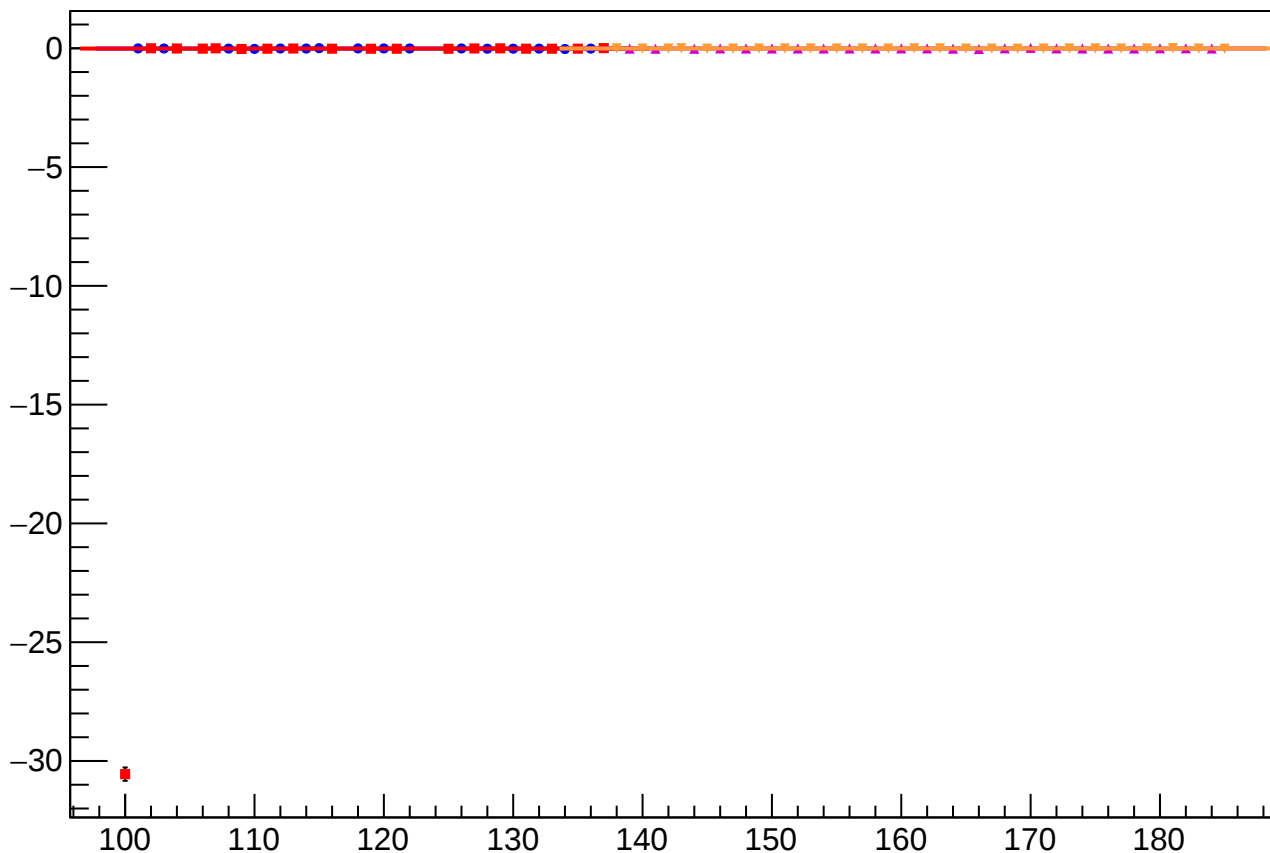
Left In: 0.069 ± 0.020 χ^2/NDF : 31.3/22

+ sign 0.074 ± 0.017 χ^2/NDF : 52.3/40

All: 0.070 ± 0.012 χ^2/NDF : 104.2/81

- sign 0.066 ± 0.017 χ^2/NDF : 51.8/40

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 35.3/24

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.8/17

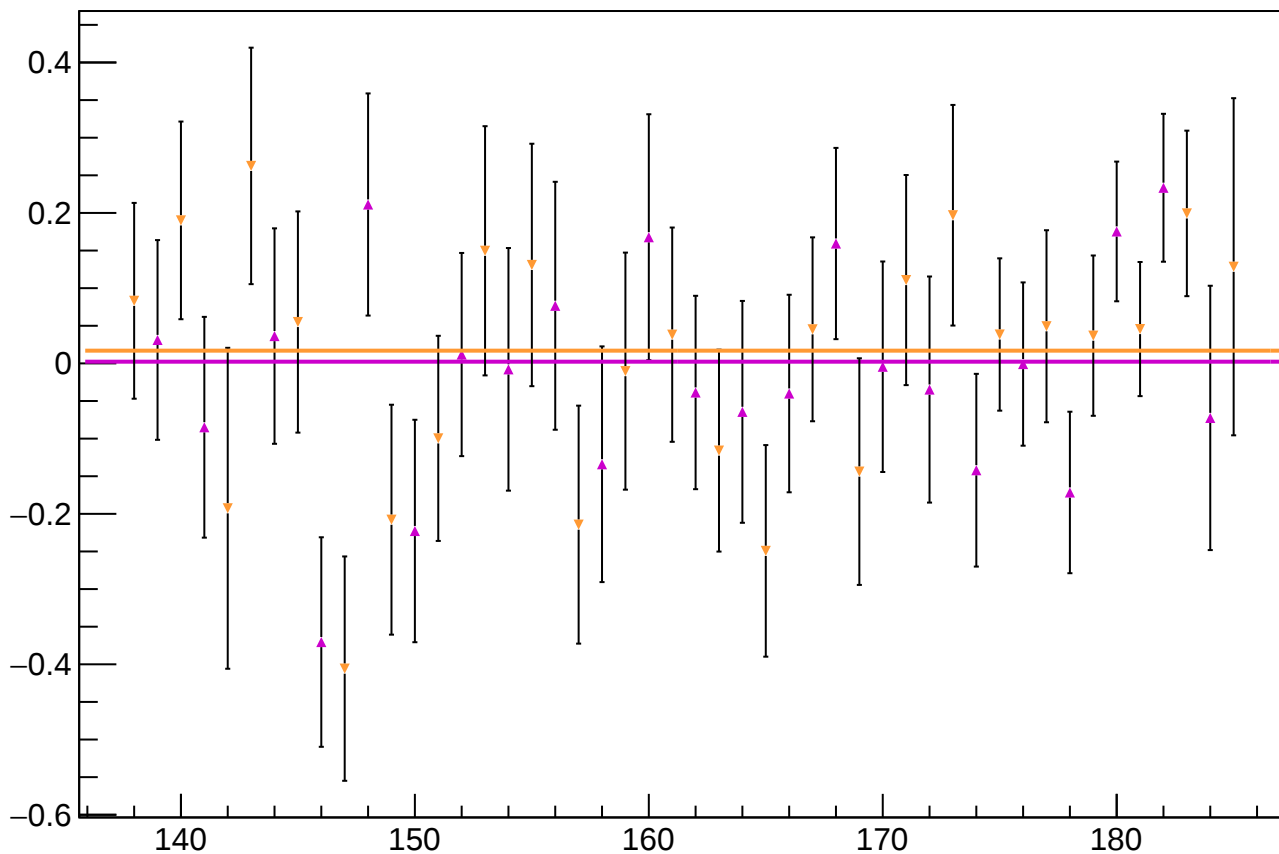
Left In: -0.009 ± 0.001 χ^2/NDF : 40.8/22

+ sign -0.008 ± 0.001 χ^2/NDF : 52.4/40

All: -0.009 ± 0.001 χ^2/NDF : 11987.4/81

- sign -0.009 ± 0.001 χ^2/NDF : 11934.3/40

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: 0.017 $\pm$ 0.027 χ^2 /NDF:30.7/24

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

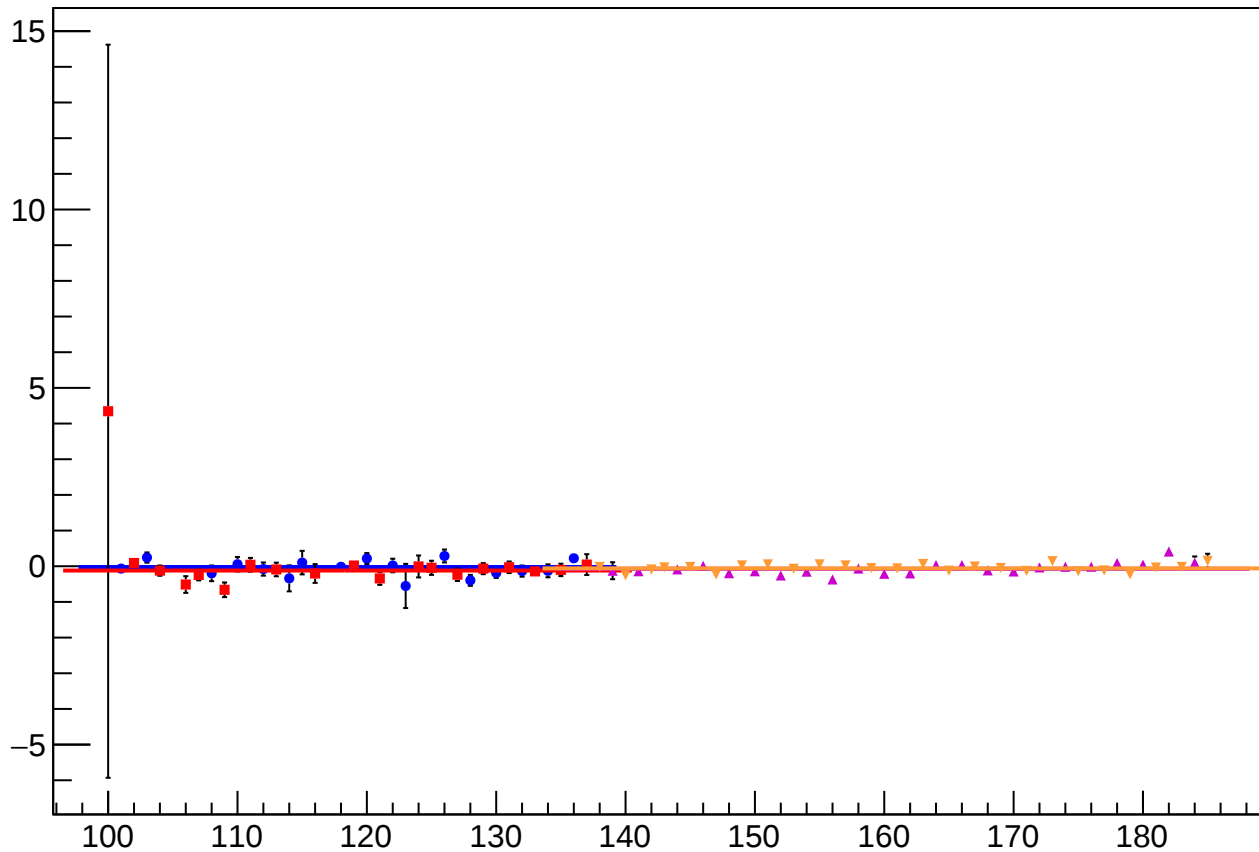
Left In: 0.002 $\pm$ 0.028 χ^2 /NDF:29.0/22

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

All: 0.010 $\pm$ 0.019 χ^2 /NDF: 59.8/47

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

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.022 ± 0.037 χ^2/NDF : 22.9/16

Left Out: -0.060 ± 0.021 χ^2/NDF : 24.6/24

Right Out: -0.120 ± 0.039 χ^2/NDF : 18.5/18

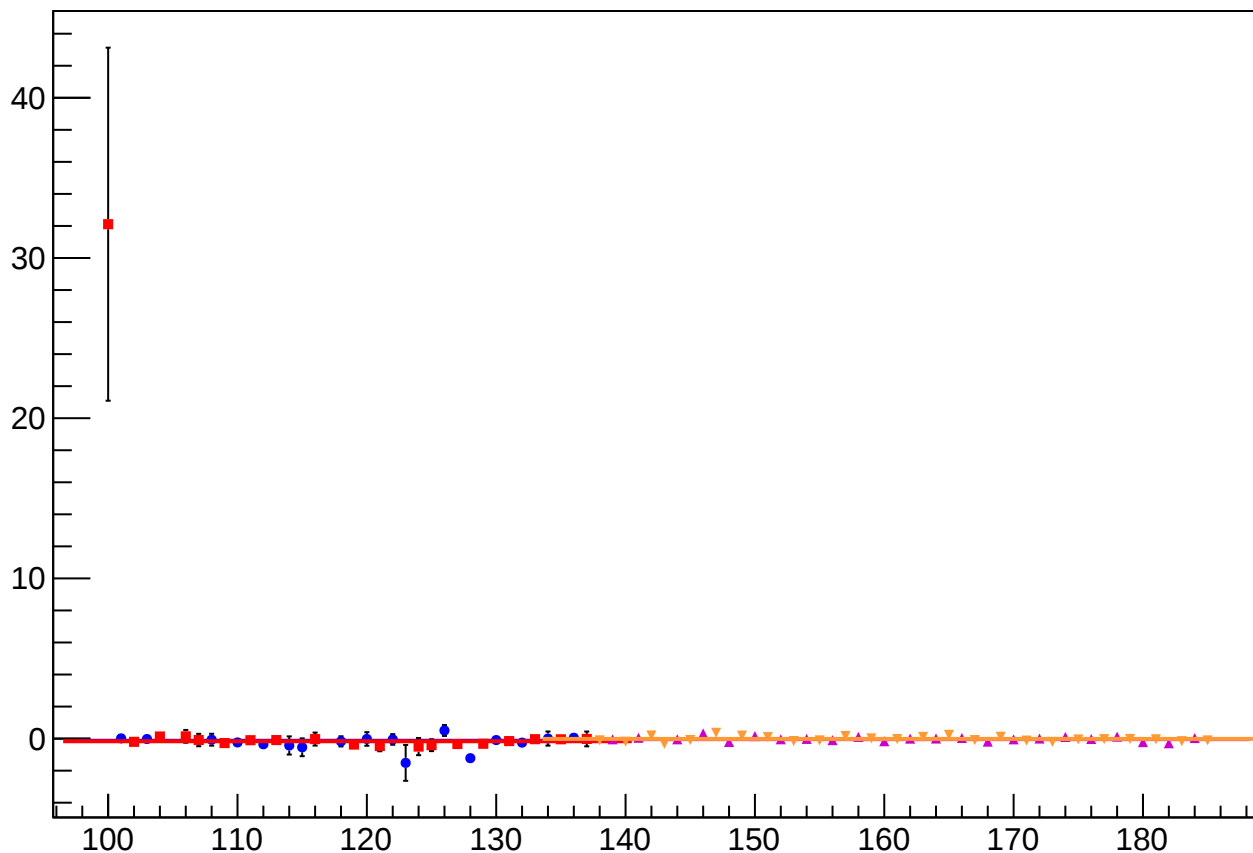
Left In: -0.071 ± 0.022 χ^2/NDF : 49.0/22

+ sign -0.051 ± 0.018 χ^2/NDF : 48.3/41

All: -0.066 ± 0.013 χ^2/NDF : 118.4/83

- sign -0.083 ± 0.019 χ^2/NDF : 68.6/41

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.135 ± 0.067 χ^2/NDF : 24.7/16

Left Out: -0.018 ± 0.027 χ^2/NDF : 28.8/24

Right Out: -0.164 ± 0.071 χ^2/NDF : 14.4/18

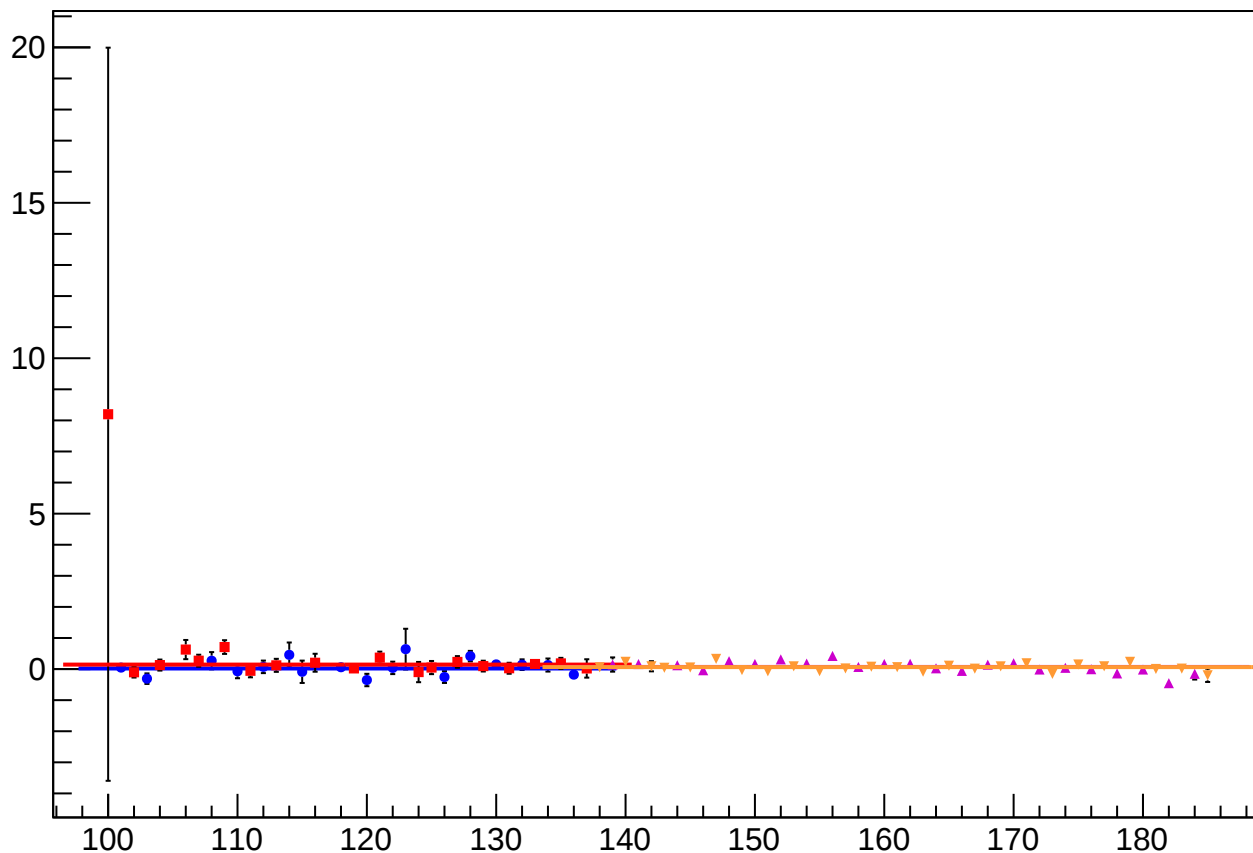
Left In: -0.033 ± 0.027 χ^2/NDF : 28.5/22

+ sign -0.034 ± 0.025 χ^2/NDF : 56.2/41

All: -0.042 ± 0.018 χ^2/NDF : 102.2/83

- sign -0.050 ± 0.026 χ^2/NDF : 45.9/41

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.019 ± 0.043 χ^2/NDF : 21.6/16

Left Out: 0.064 ± 0.024 χ^2/NDF : 24.6/24

Right Out: 0.144 ± 0.045 χ^2/NDF : 16.8/18

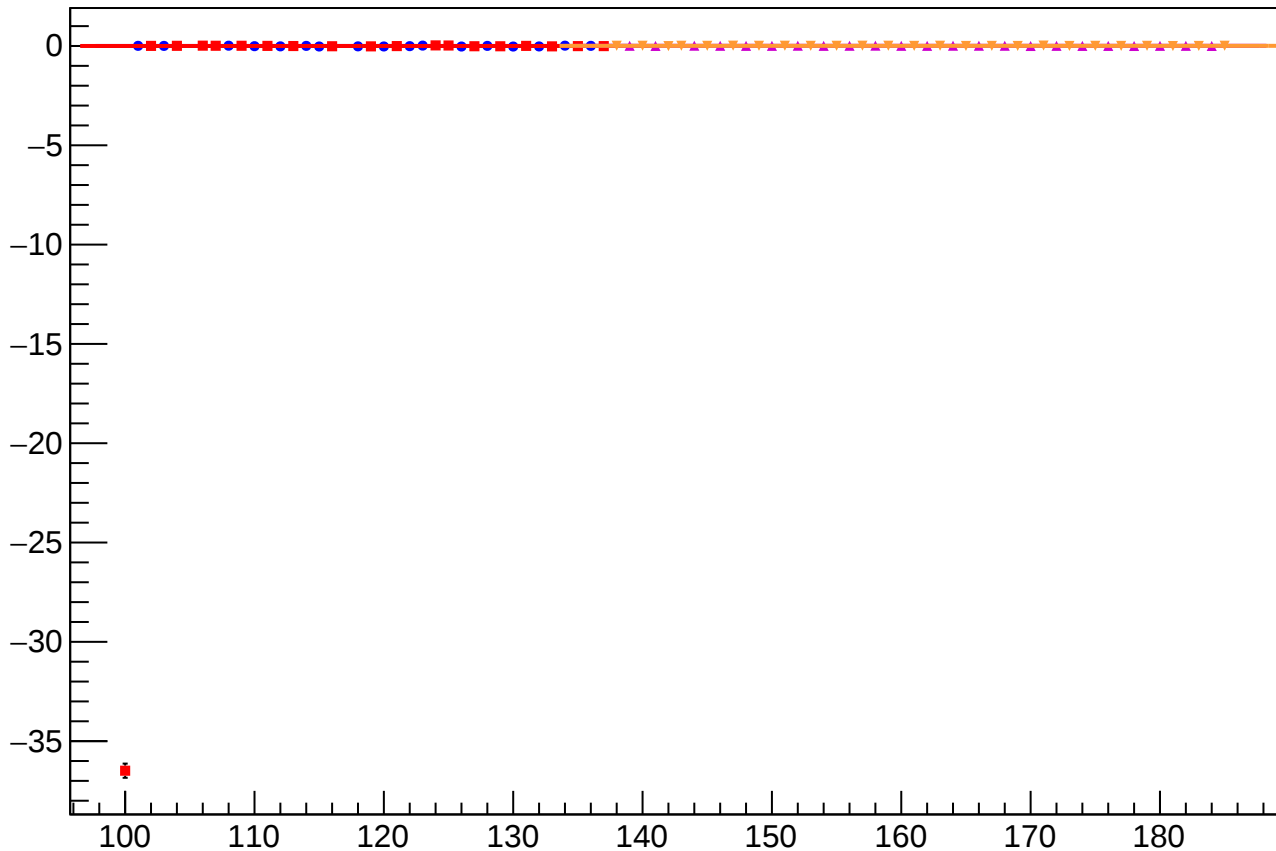
Left In: 0.069 ± 0.025 χ^2/NDF : 51.8/22

+ sign 0.053 ± 0.021 χ^2/NDF : 47.0/41

All: 0.069 ± 0.015 χ^2/NDF : 119.0/83

- sign 0.086 ± 0.022 χ^2/NDF : 70.8/41

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 30.5/16

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 26.2/24

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

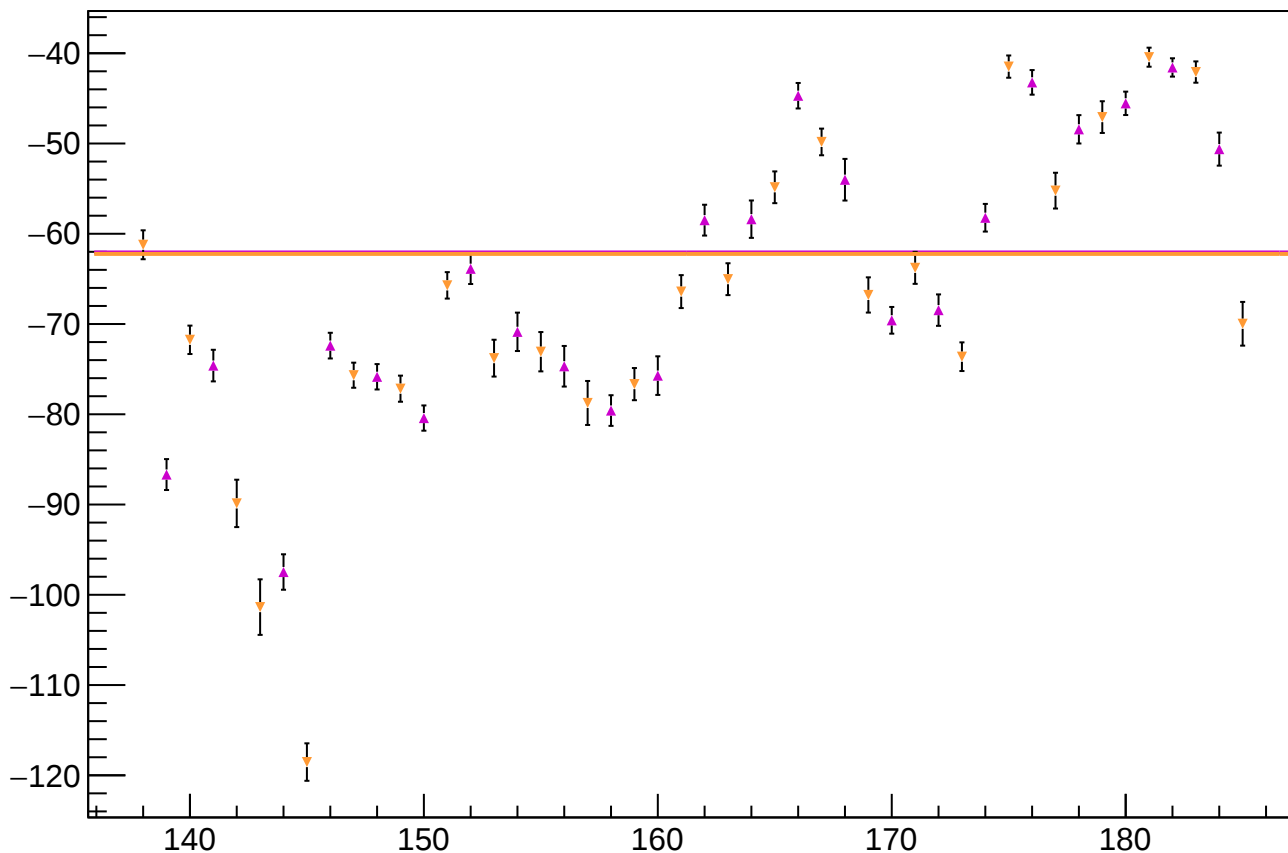
Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 15.0/22

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 64.8/41

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10539.5/83

- sign 0.007 $\pm$ 0.001 χ^2 /NDF: 10474.6/41

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -62.230 $\pm$ 0.332 χ^2 /NDF: 2670.9/24

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

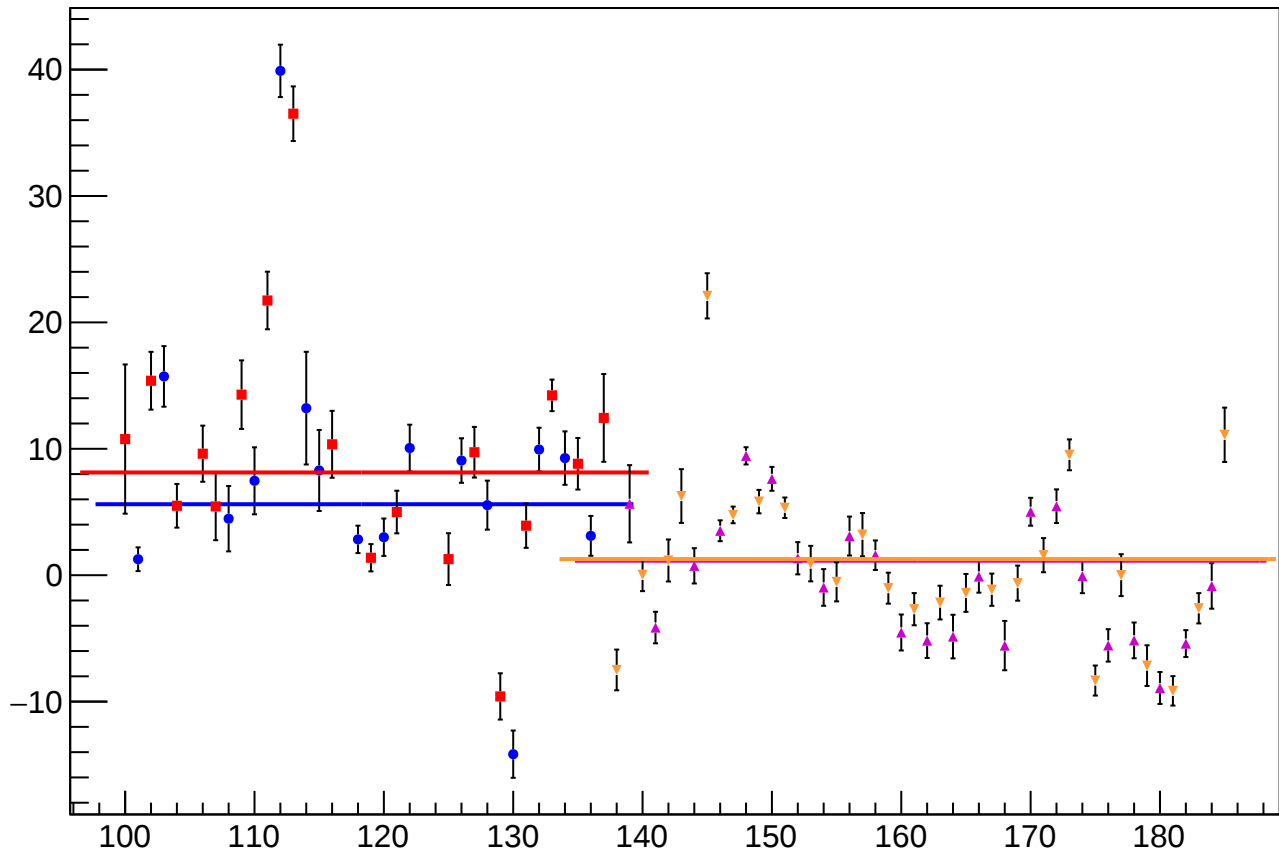
Left In: -62.073 $\pm$ 0.332 χ^2 /NDF: 2192.0/22

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

All: -62.152 $\pm$ 0.235 χ^2 /NDF: 4863.0/47

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

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.615 $\pm$ 0.430 χ^2/NDF : 460.0/15

Left Out: 1.275 $\pm$ 0.251 χ^2/NDF : 531.2/24

Right Out: 8.129 $\pm$ 0.453 χ^2/NDF : 407.7/17

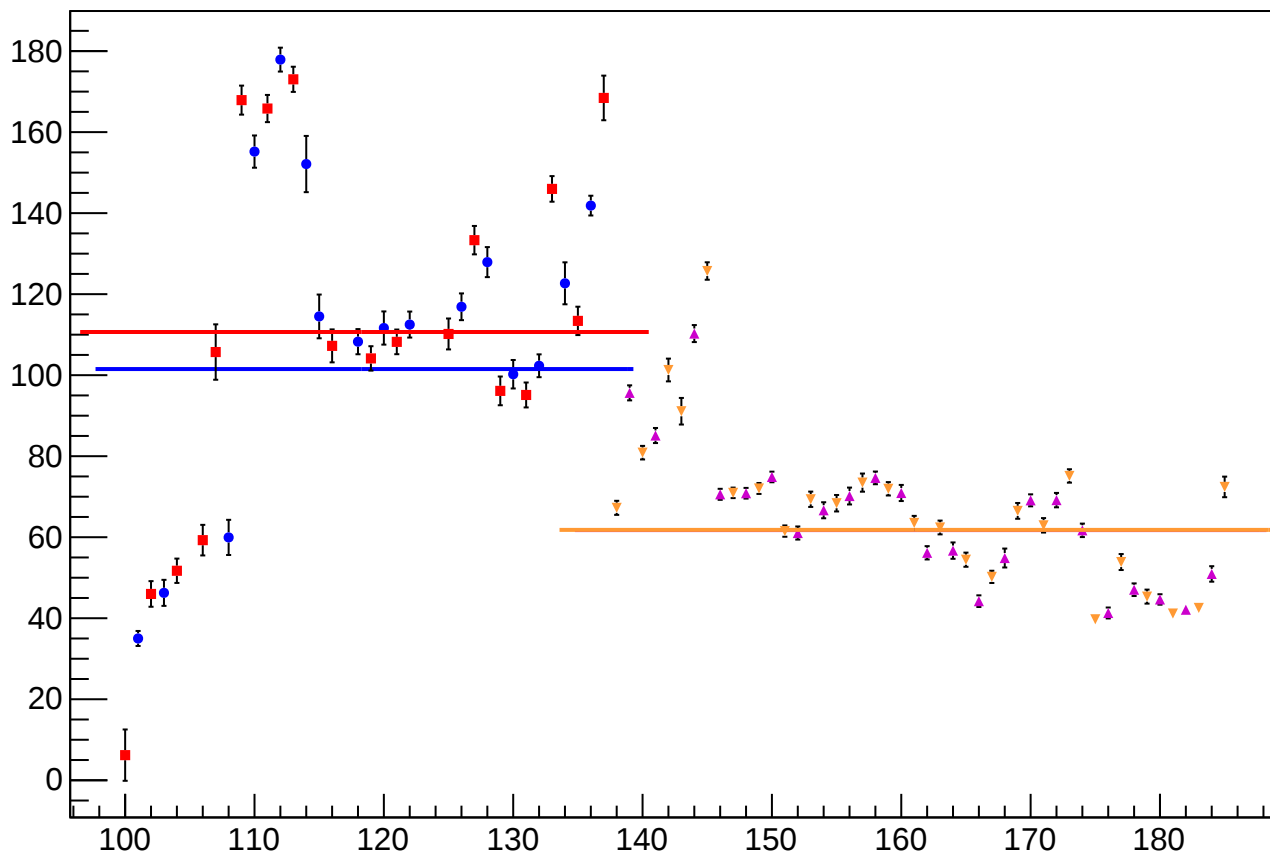
Left In: 1.146 $\pm$ 0.255 χ^2/NDF : 462.9/22

+ sign 2.377 $\pm$ 0.217 χ^2/NDF : 1067.3/40

All: 2.597 $\pm$ 0.155 χ^2/NDF : 2120.2/81

- sign 2.828 $\pm$ 0.222 χ^2/NDF : 1050.8/40

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.513 $\pm$ 0.813 χ^2 /NDF: 2973.2/15

Left Out: 61.809 $\pm$ 0.331 χ^2 /NDF:2689.1/24

Right Out: 110.660 $\pm$ 0.838 χ^2 /NDF: 2514.2/17

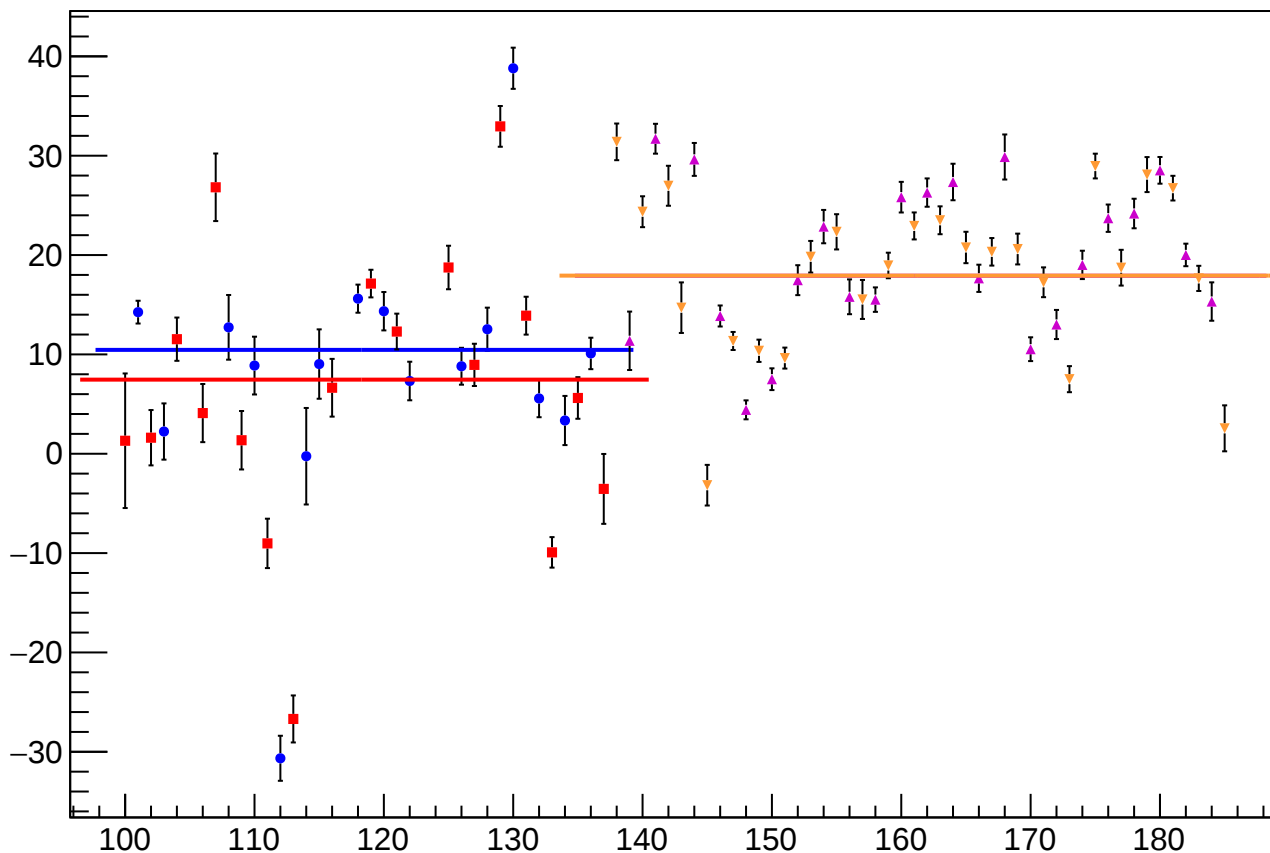
Left In: 61.762 $\pm$ 0.330 χ^2 /NDF:2418.2/22

+ sign 67.441 $\pm$ 0.306 χ^2 /NDF: 7706.9/40

All: 67.886 $\pm$ 0.217 χ^2 /NDF: 15594.4/81

- sign 68.332 $\pm$ 0.307 χ^2 /NDF: 7883.3/40

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.455+/-0.498 χ^2/NDF : 577.9/15

Left Out: 17.929+/-0.289 χ^2/NDF : 676.1/24

Right Out: 7.460+/-0.524 χ^2/NDF : 686.5/17

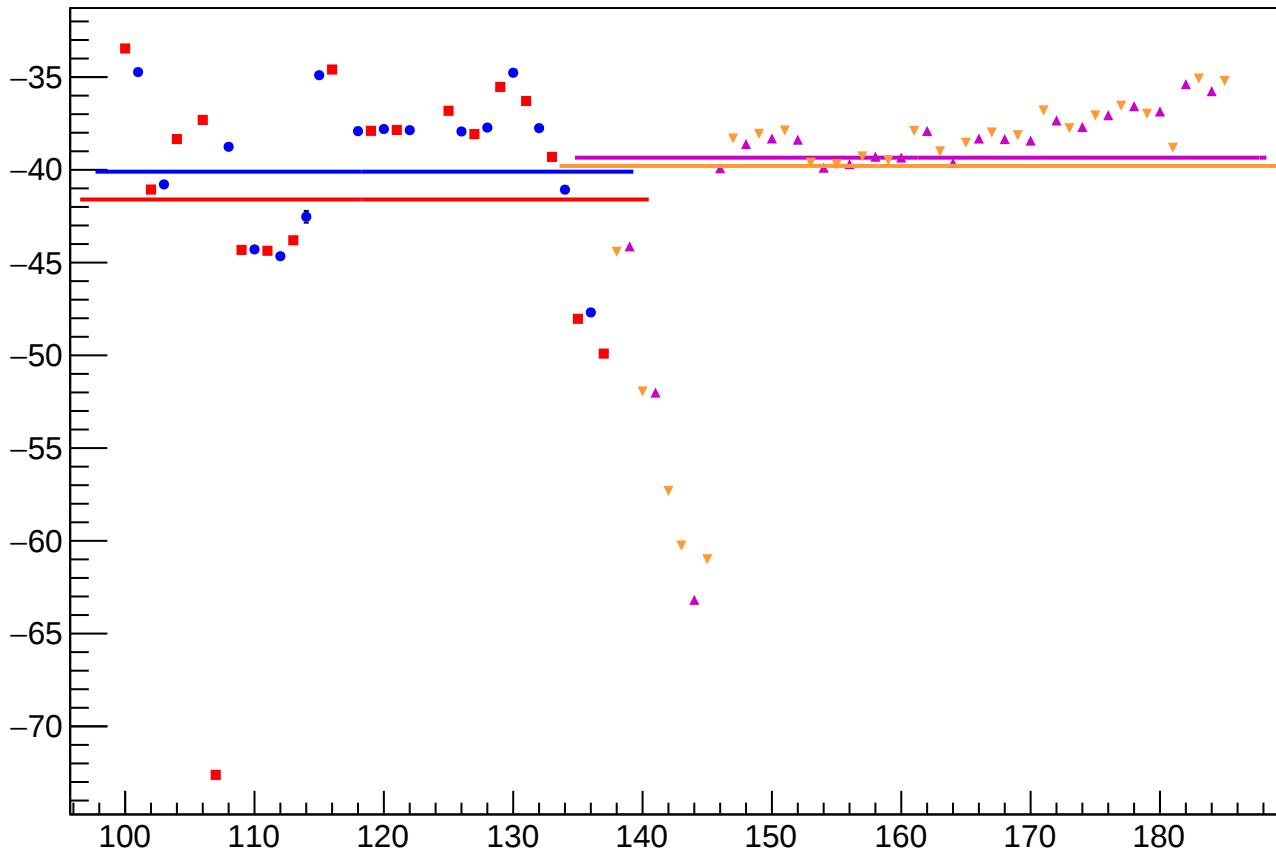
Left In: 17.916+/-0.292 χ^2/NDF : 726.5/22

+ sign 16.048+/-0.250 χ^2/NDF : 1422.4/40

All: 15.748+/-0.179 χ^2/NDF : 3141.9/81

- sign 15.435+/-0.255 χ^2/NDF : 1716.5/40

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.100 ± 0.028 χ^2/NDF : 25059.4/15

Left Out: -39.790 ± 0.014 χ^2/NDF : 165429.2/24

Right Out: -41.598 ± 0.029 χ^2/NDF : 61674.8/17

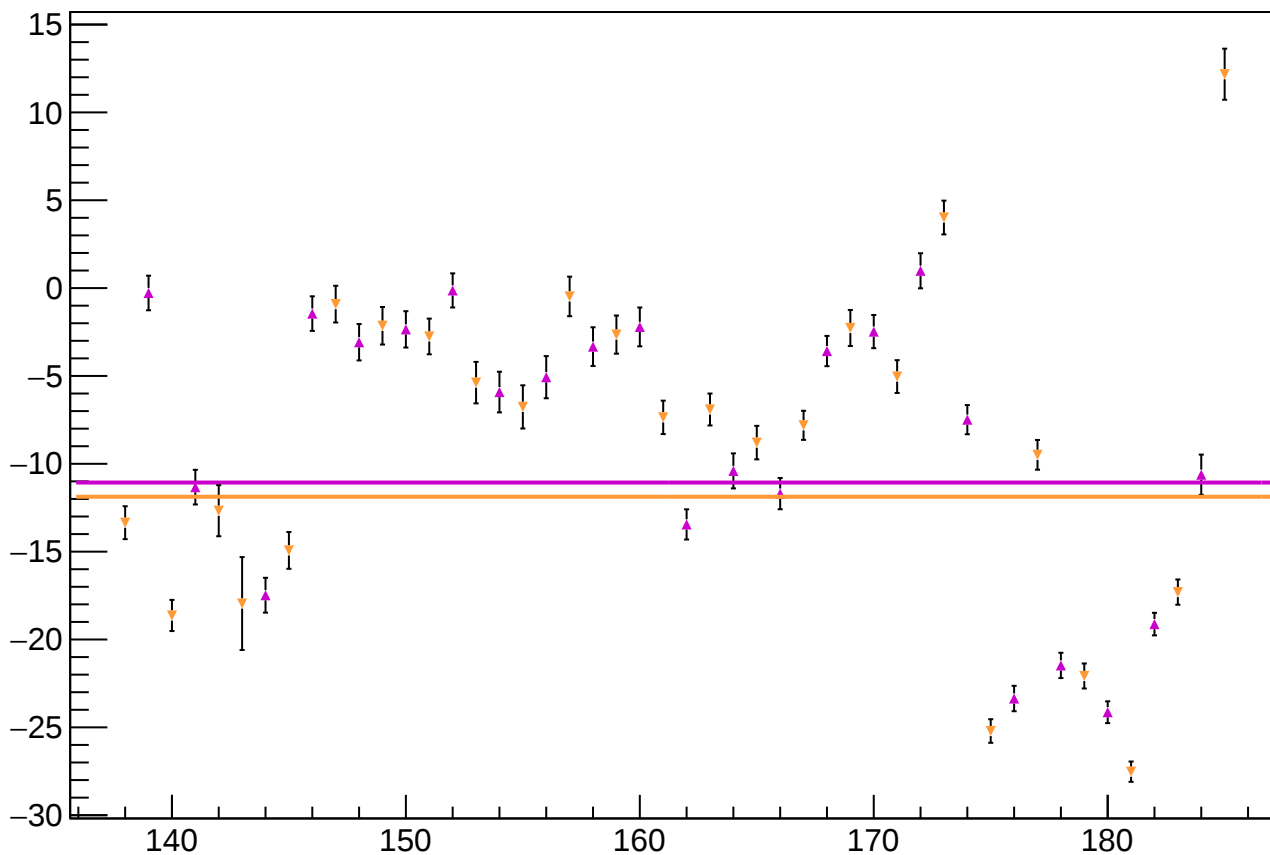
Left In: -39.344 ± 0.014 χ^2/NDF : 116615.7/22

+ sign -39.848 ± 0.012 χ^2/NDF : 190585.5/40

All: -39.803 ± 0.009 χ^2/NDF : 373961.9/81

- sign -39.759 ± 0.012 χ^2/NDF : 183349.9/40

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -11.875 $\pm$ 0.186 χ^2 /NDF: 2746.3/24

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

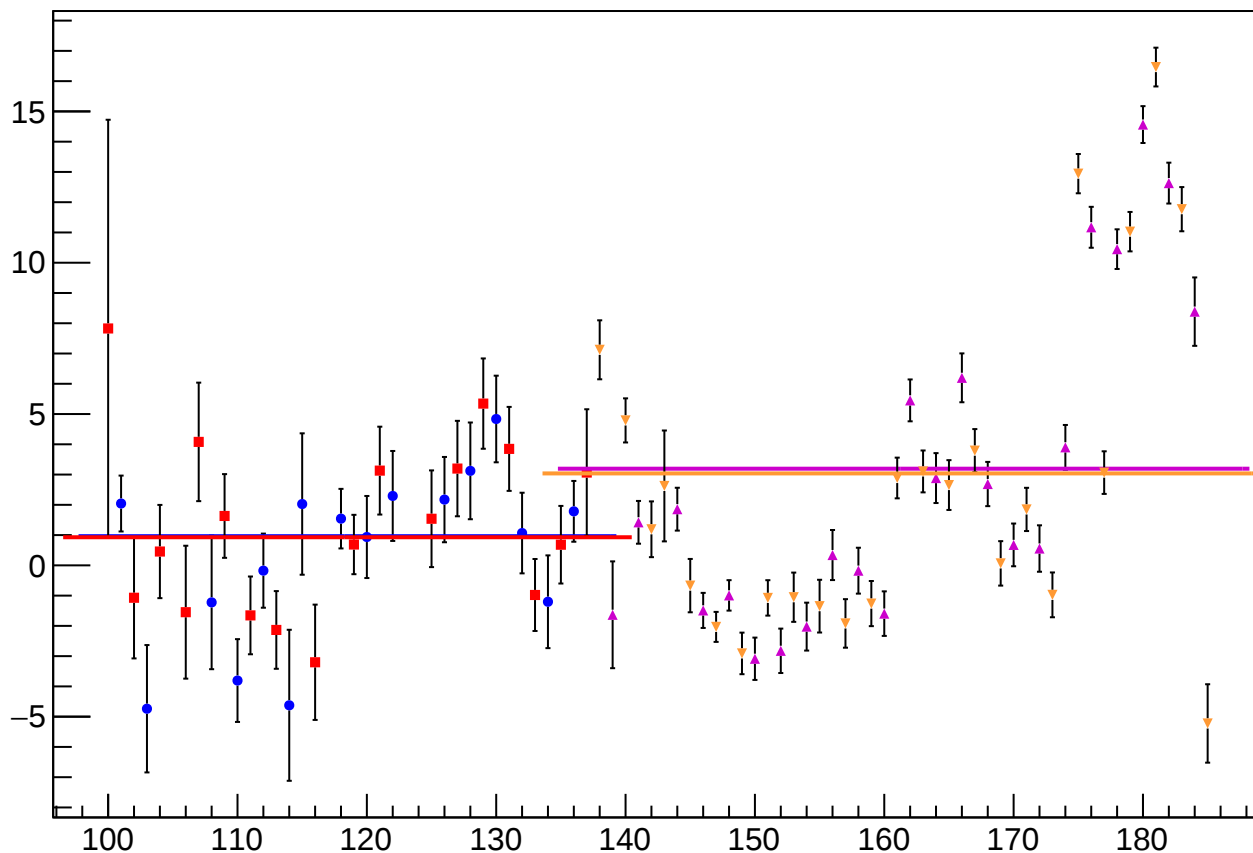
Left In: -11.067 $\pm$ 0.188 χ^2 /NDF: 2104.8/22

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

All: -11.474 $\pm$ 0.132 χ^2 /NDF: 4860.4/47

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

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.963 ± 0.342 χ^2/NDF : 41.6/15

Left Out: 3.038 ± 0.147 χ^2/NDF : 1452.5/24

Right Out: 0.929 ± 0.354 χ^2/NDF : 42.1/17

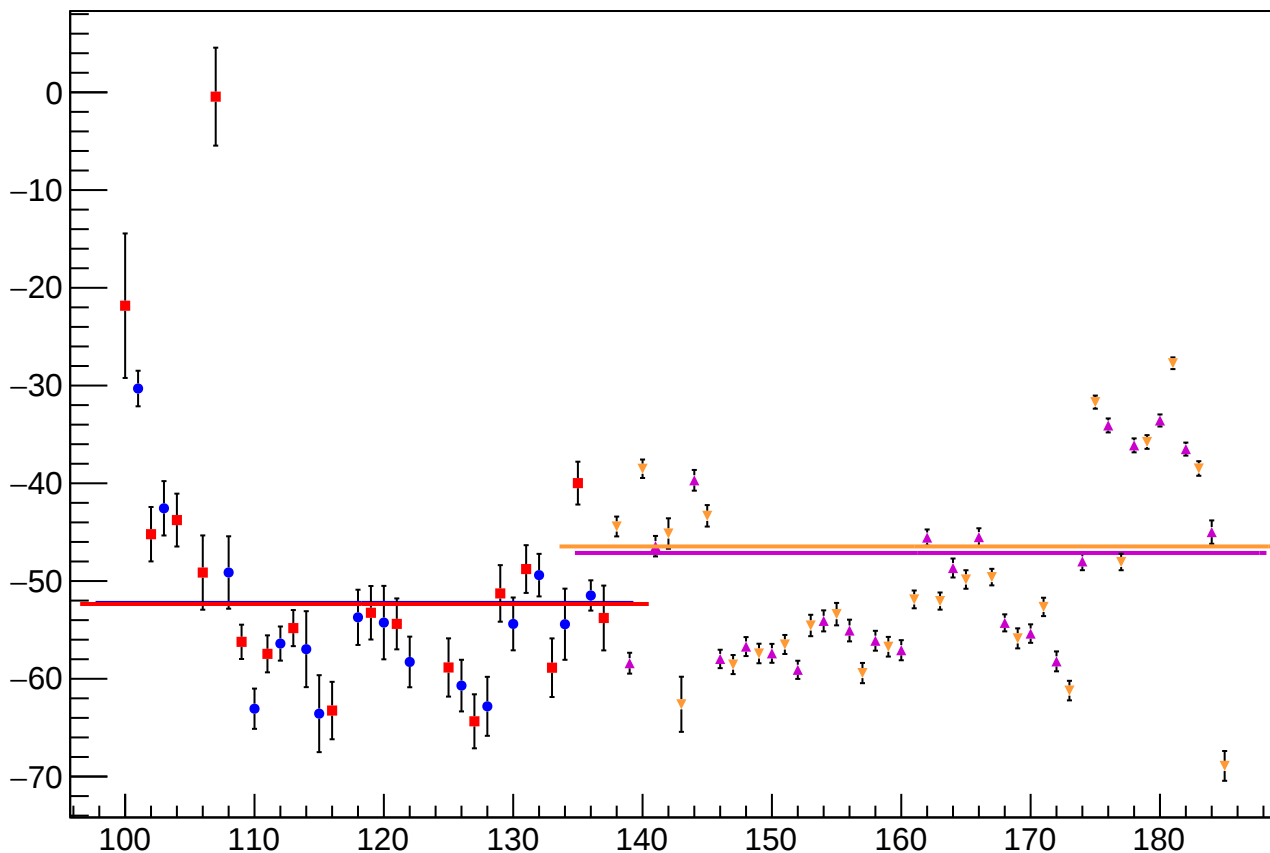
Left In: 3.194 ± 0.150 χ^2/NDF : 1295.0/22

+ sign 2.713 ± 0.135 χ^2/NDF : 1525.2/40

All: 2.780 ± 0.097 χ^2/NDF : 2897.5/81

- sign 2.849 ± 0.138 χ^2/NDF : 1371.8/40

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.238 ± 0.616 χ^2/NDF : 232.7/15

Left Out: -46.461 ± 0.186 χ^2/NDF : 3321.2/24

Right Out: -52.347 ± 0.617 χ^2/NDF : 232.8/17

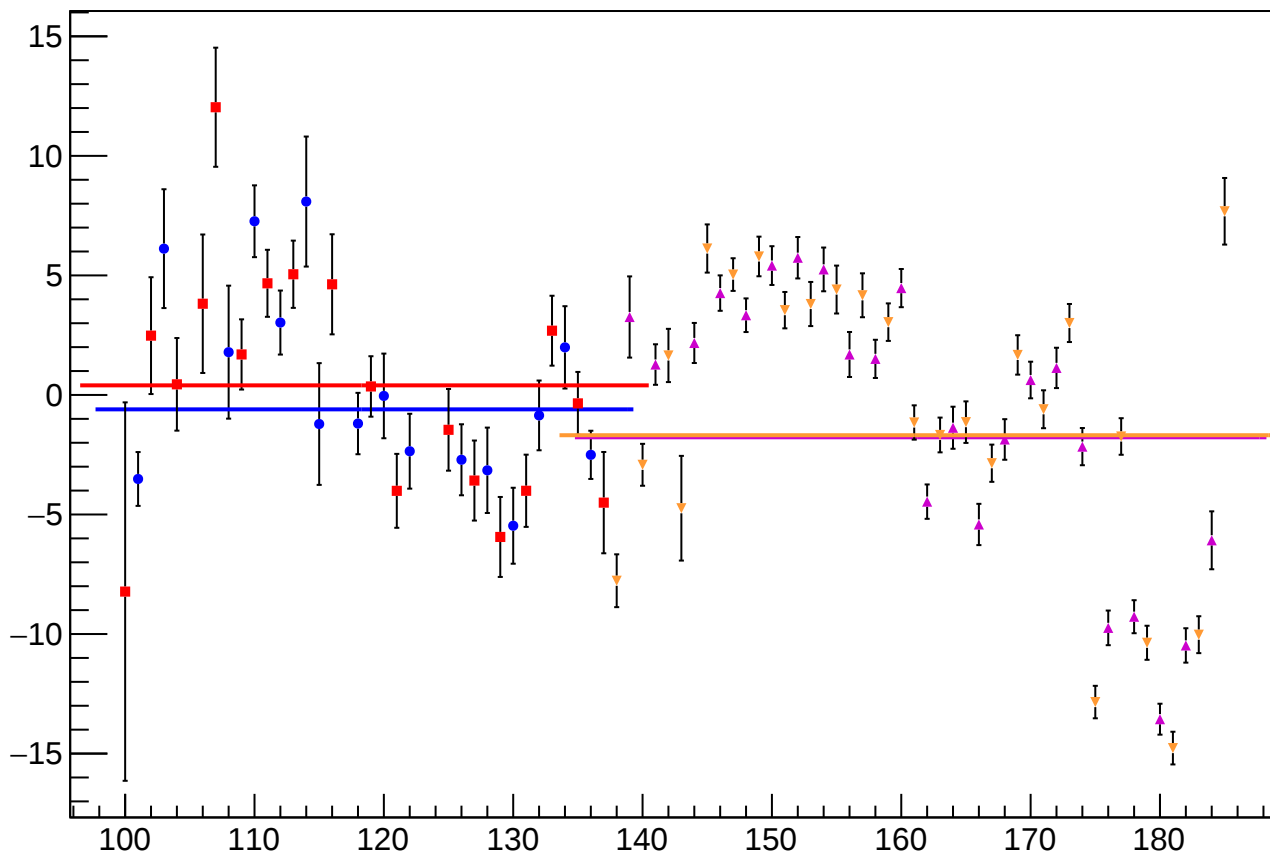
Left In: -47.128 ± 0.187 χ^2/NDF : 2516.0/22

+ sign -46.945 ± 0.178 χ^2/NDF : 3634.7/40

All: -47.255 ± 0.126 χ^2/NDF : 6455.0/81

- sign -47.568 ± 0.179 χ^2/NDF : 2814.3/40

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.603 ± 0.388 χ^2/NDF : 80.7/15

Left Out: -1.685 ± 0.167 χ^2/NDF : 1481.2/24

Right Out: 0.401 ± 0.400 χ^2/NDF : 96.2/17

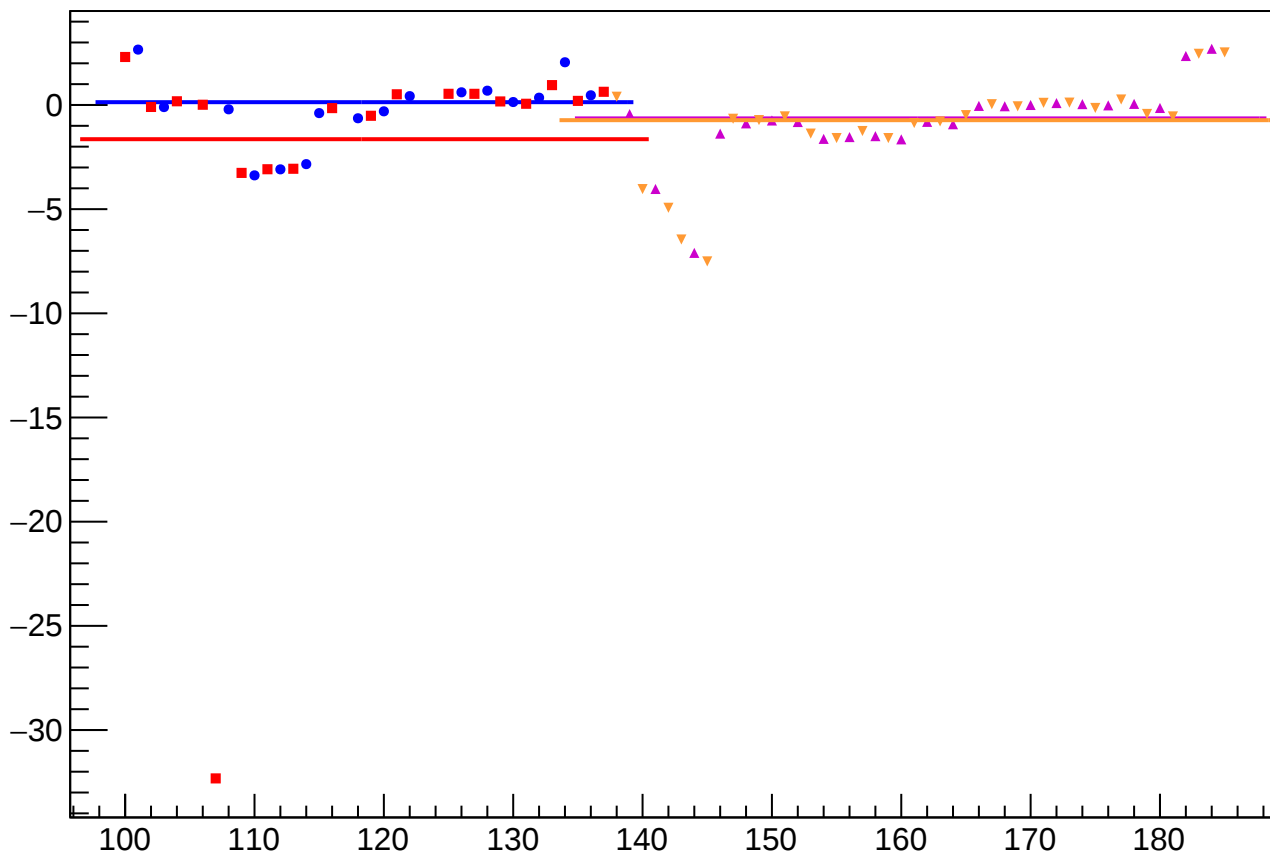
Left In: -1.771 ± 0.169 χ^2/NDF : 1251.3/22

+ sign -1.516 ± 0.153 χ^2/NDF : 1568.4/40

All: -1.480 ± 0.109 χ^2/NDF : 2941.0/81

- sign -1.443 ± 0.156 χ^2/NDF : 1372.4/40

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.135 ± 0.022 $\chi^2/\text{NDF}: 5228.3/15$

Left Out: -0.729 ± 0.008 $\chi^2/\text{NDF}: 56329.7/24$

Right Out: -1.642 ± 0.022 $\chi^2/\text{NDF}: 77830.5/17$

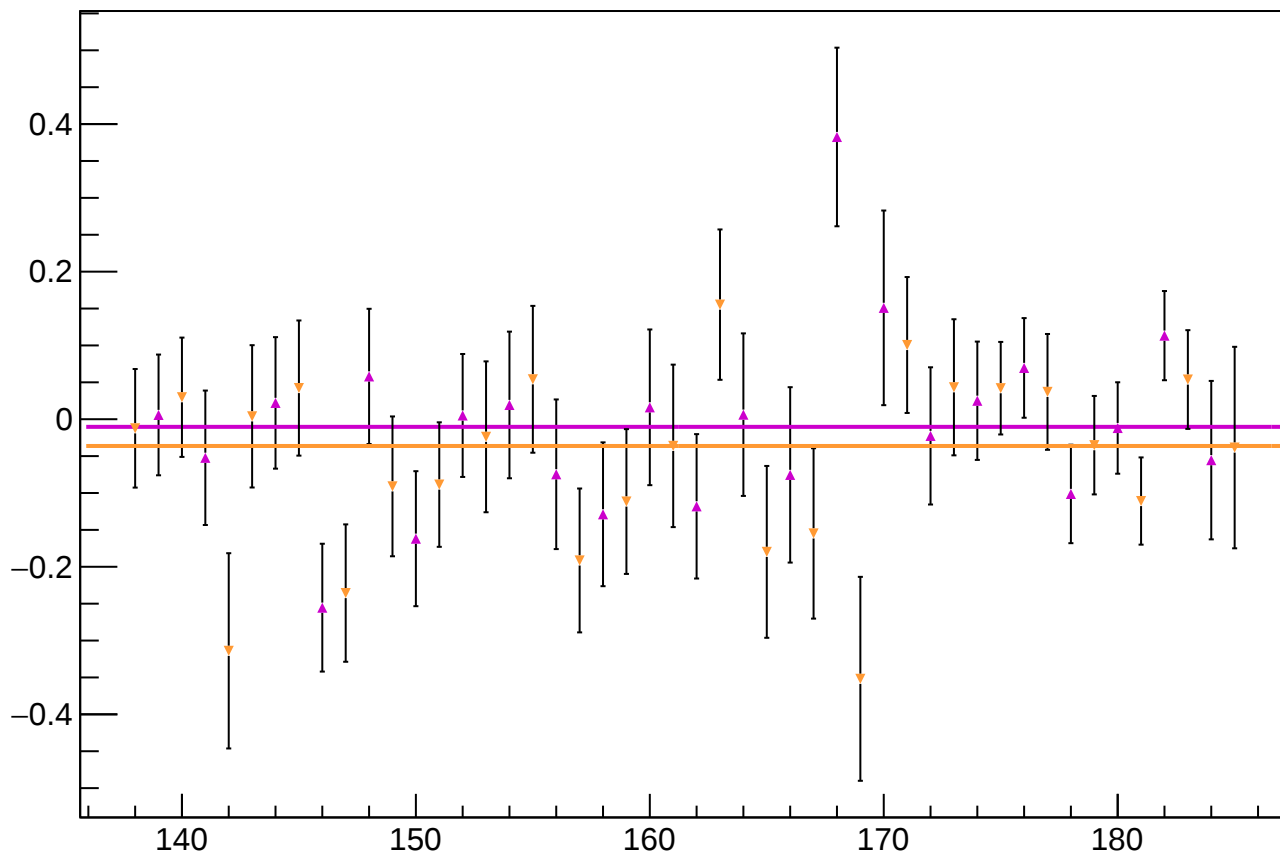
Left In: -0.644 ± 0.008 $\chi^2/\text{NDF}: 44169.2/22$

+ sign -0.633 ± 0.007 $\chi^2/\text{NDF}: 62982.2/40$

All: -0.693 ± 0.005 $\chi^2/\text{NDF}: 186977.4/81$

- sign -0.753 ± 0.007 $\chi^2/\text{NDF}: 123856.7/40$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.036 $\pm$ 0.018 χ^2 /NDF: 35.4/24

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

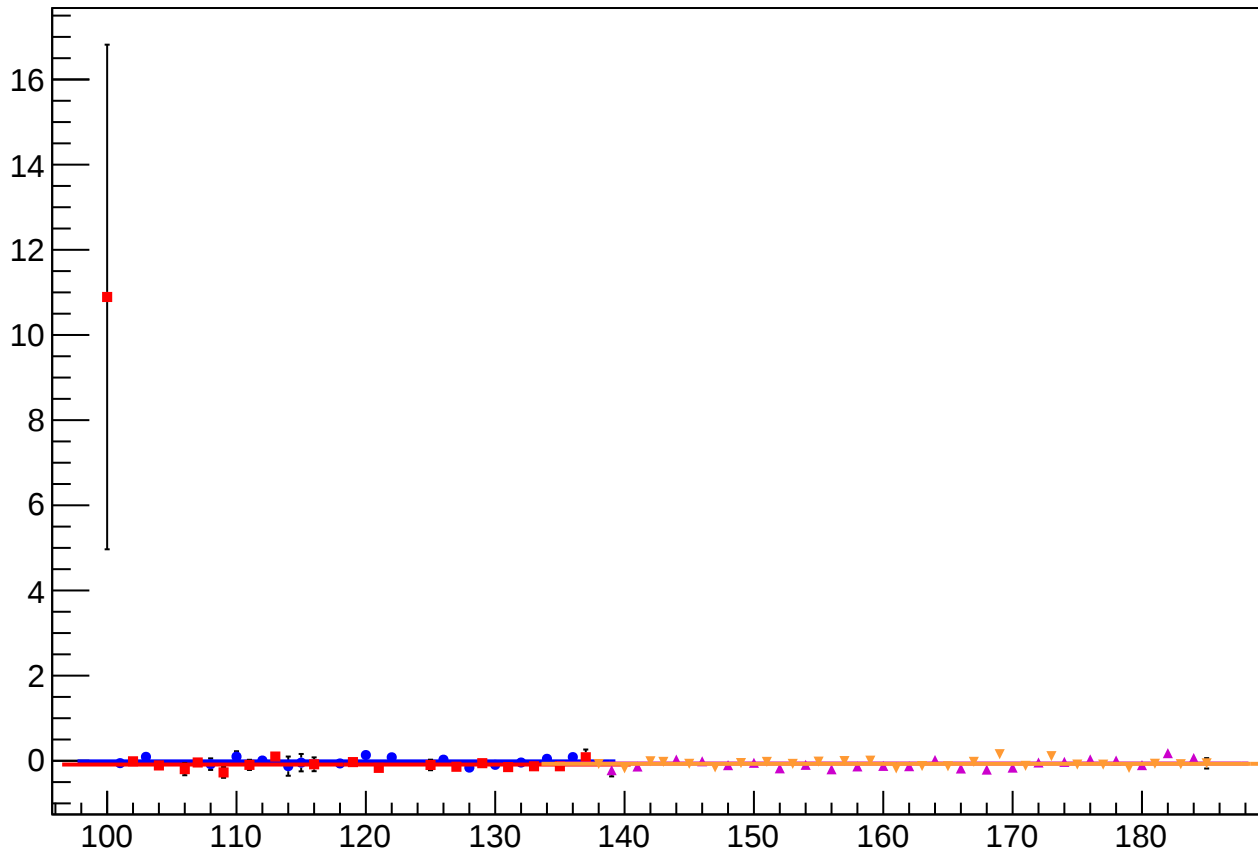
Left In: -0.010 $\pm$ 0.018 χ^2 /NDF: 35.1/22

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

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 71.6/47

- 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 : 12.0/15

Left Out: -0.071 ± 0.014 χ^2/NDF : 28.3/24

Right Out: -0.088 ± 0.025 χ^2/NDF : 12.9/17

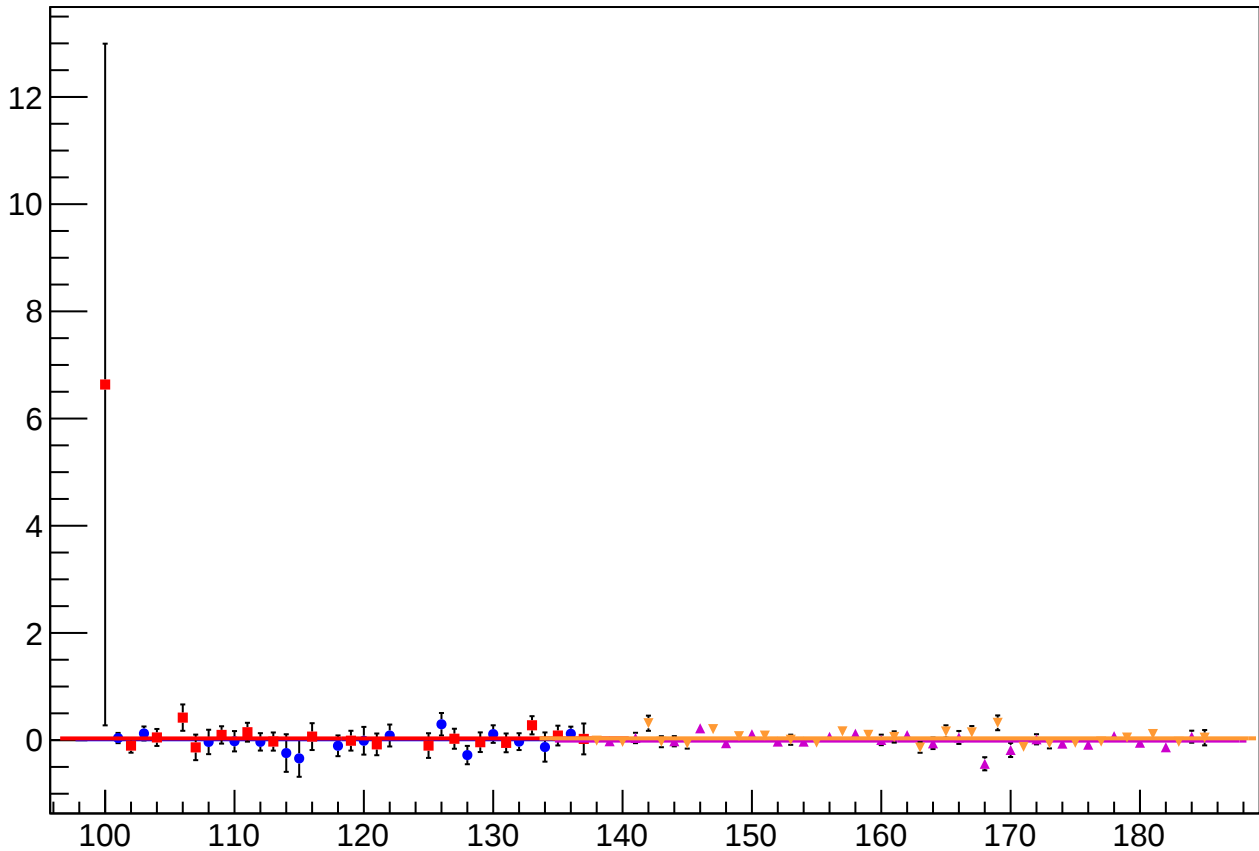
Left In: -0.064 ± 0.014 χ^2/NDF : 41.1/22

+ sign -0.056 ± 0.012 χ^2/NDF : 44.8/40

All: -0.063 ± 0.009 χ^2/NDF : 100.1/81

- sign -0.070 ± 0.012 χ^2/NDF : 54.7/40

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.016 $\pm$ 0.043 χ^2 /NDF: 9.1/15

Left Out: 0.033 $\pm$ 0.018 χ^2 /NDF: 32.5/24

Right Out: 0.032 $\pm$ 0.045 χ^2 /NDF: 9.1/17

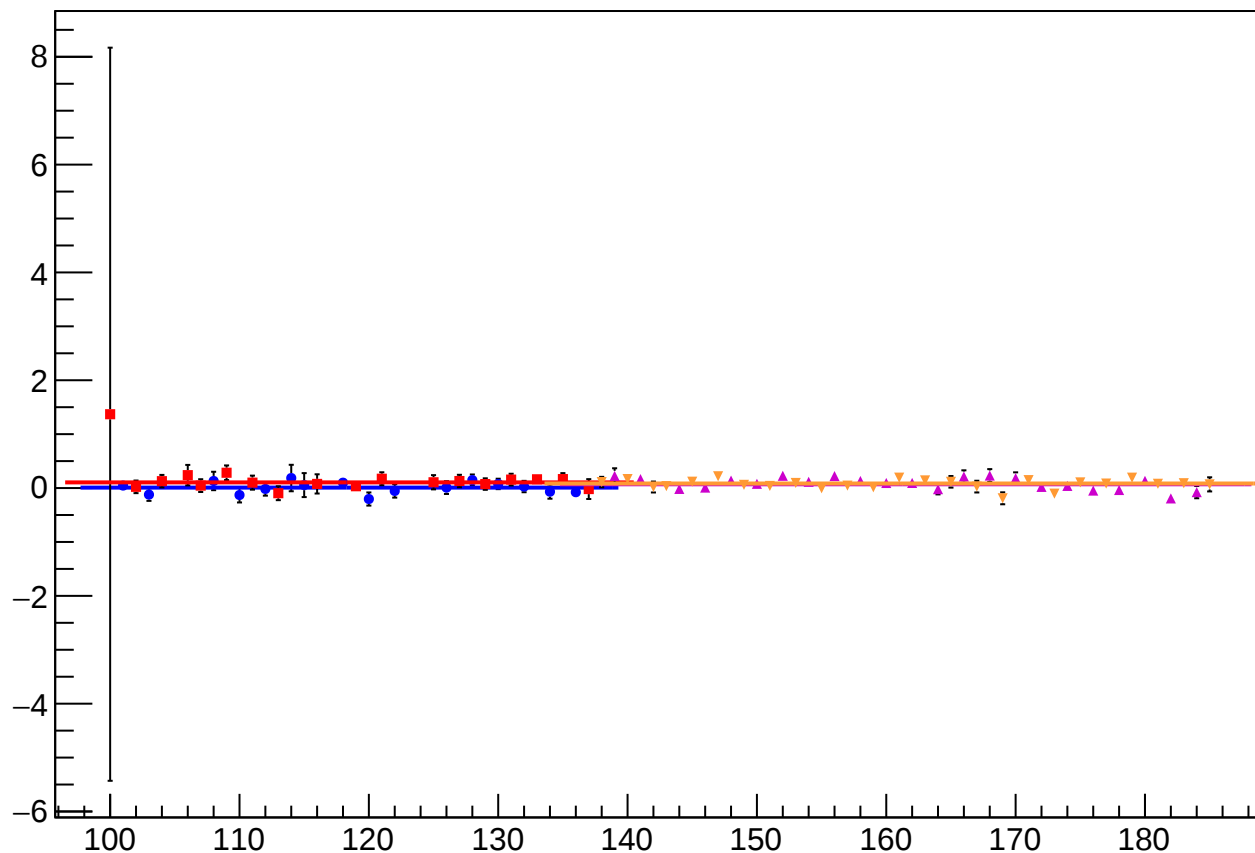
Left In: -0.009 $\pm$ 0.018 χ^2 /NDF: 36.8/22

+ sign 0.031 $\pm$ 0.016 χ^2 /NDF: 41.7/40

All: 0.014 $\pm$ 0.012 χ^2 /NDF: 90.5/81

- sign -0.003 $\pm$ 0.017 χ^2 /NDF: 46.6/40

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.008 ± 0.027 χ^2/NDF : 11.7/15

Left Out: 0.084 ± 0.016 χ^2/NDF : 28.1/24

Right Out: 0.105 ± 0.029 χ^2/NDF : 8.1/17

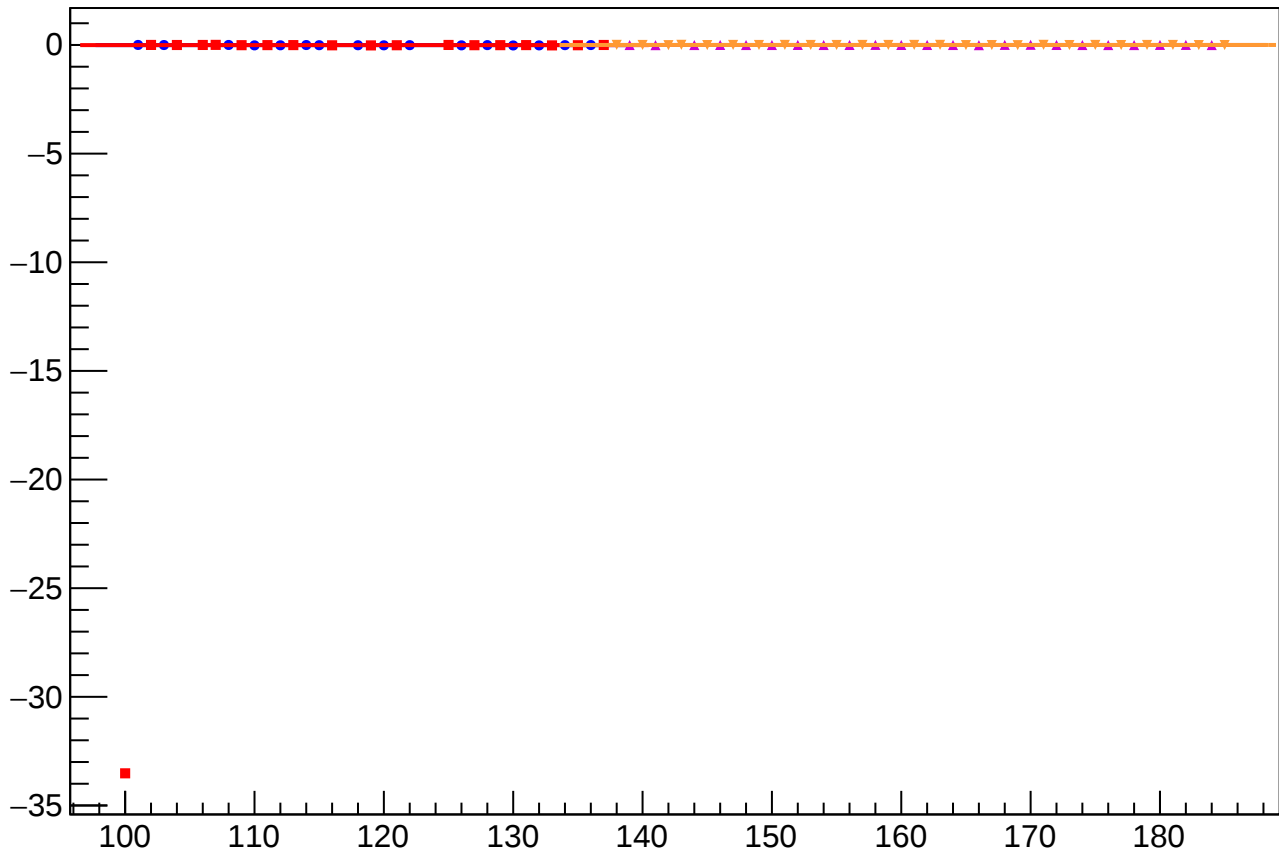
Left In: 0.070 ± 0.016 χ^2/NDF : 44.8/22

+ sign 0.065 ± 0.014 χ^2/NDF : 45.7/40

All: 0.071 ± 0.010 χ^2/NDF : 100.3/81

- sign 0.078 ± 0.014 χ^2/NDF : 54.1/40

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 21.5/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 26.4/24

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

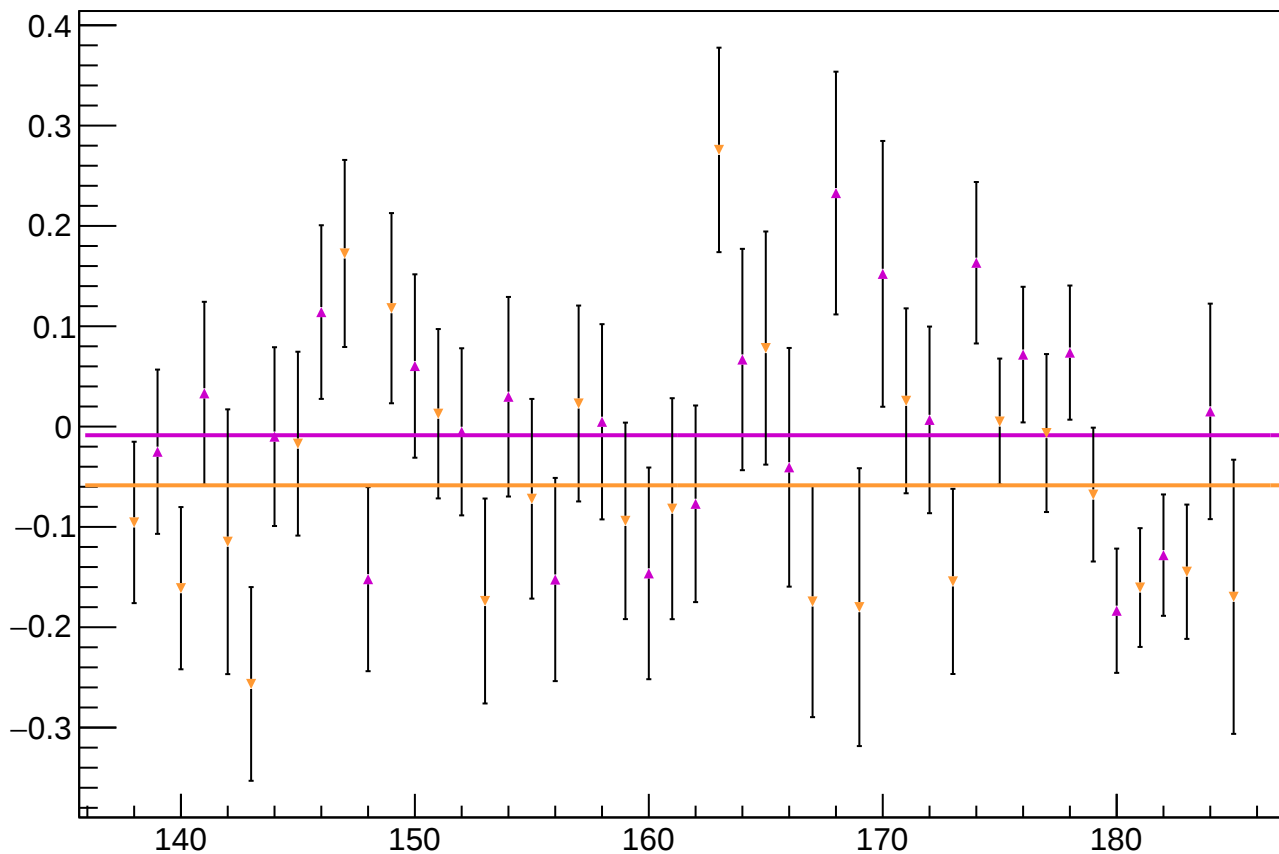
Left In: 0.000 ± 0.001 χ^2/NDF : 22.3/22

+ sign -0.001 ± 0.001 χ^2/NDF : 61.7/40

All: -0.001 ± 0.000 χ^2/NDF : 26607.2/81

- sign -0.001 ± 0.001 χ^2/NDF : 26545.2/40

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.059 $\pm$ 0.018 χ^2 /NDF:41.5/24

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

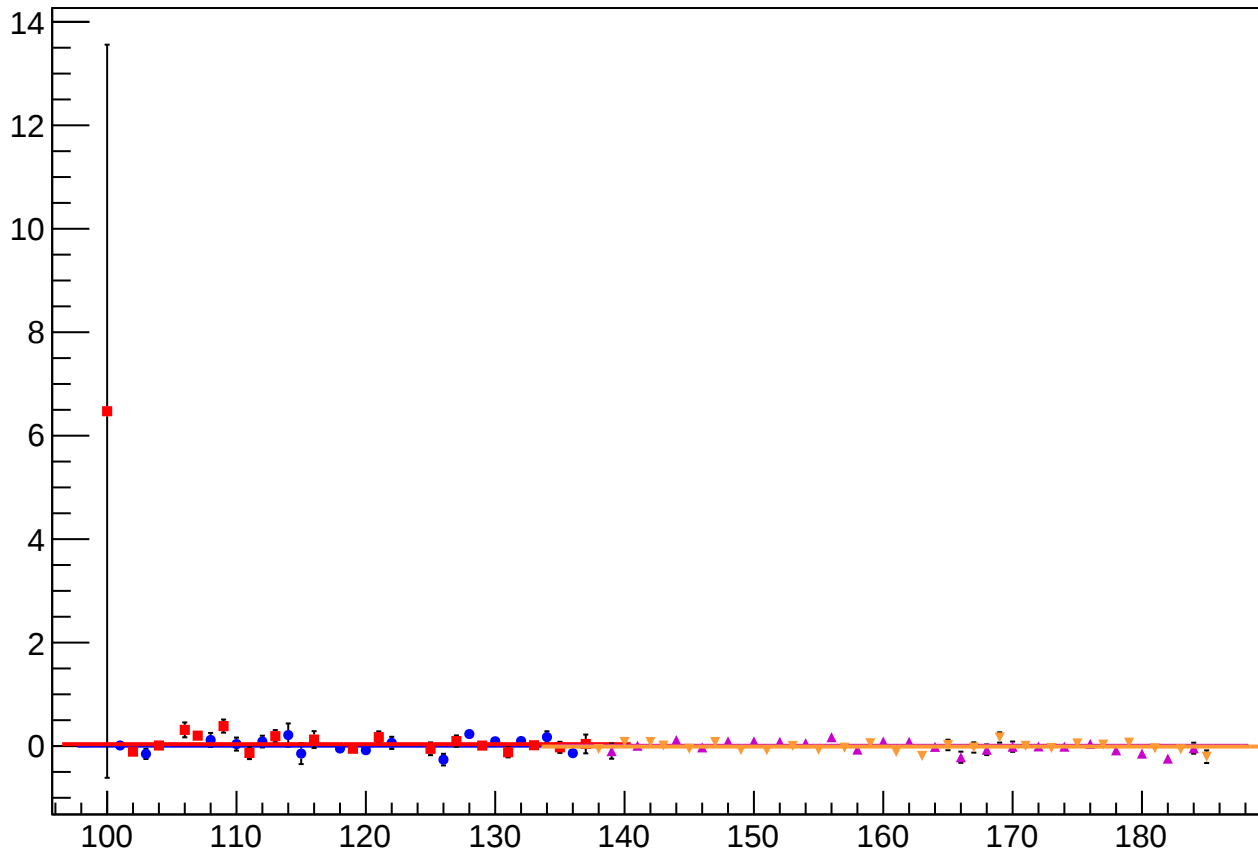
Left In: -0.009 $\pm$ 0.018 χ^2 /NDF:35.1/22

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

All: -0.034 $\pm$ 0.013 χ^2 /NDF: 80.5/47

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

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.008 ± 0.023 χ^2/NDF : 25.1/15

Left Out: -0.010 ± 0.014 χ^2/NDF : 29.6/24

Right Out: 0.037 ± 0.025 χ^2/NDF : 28.7/17

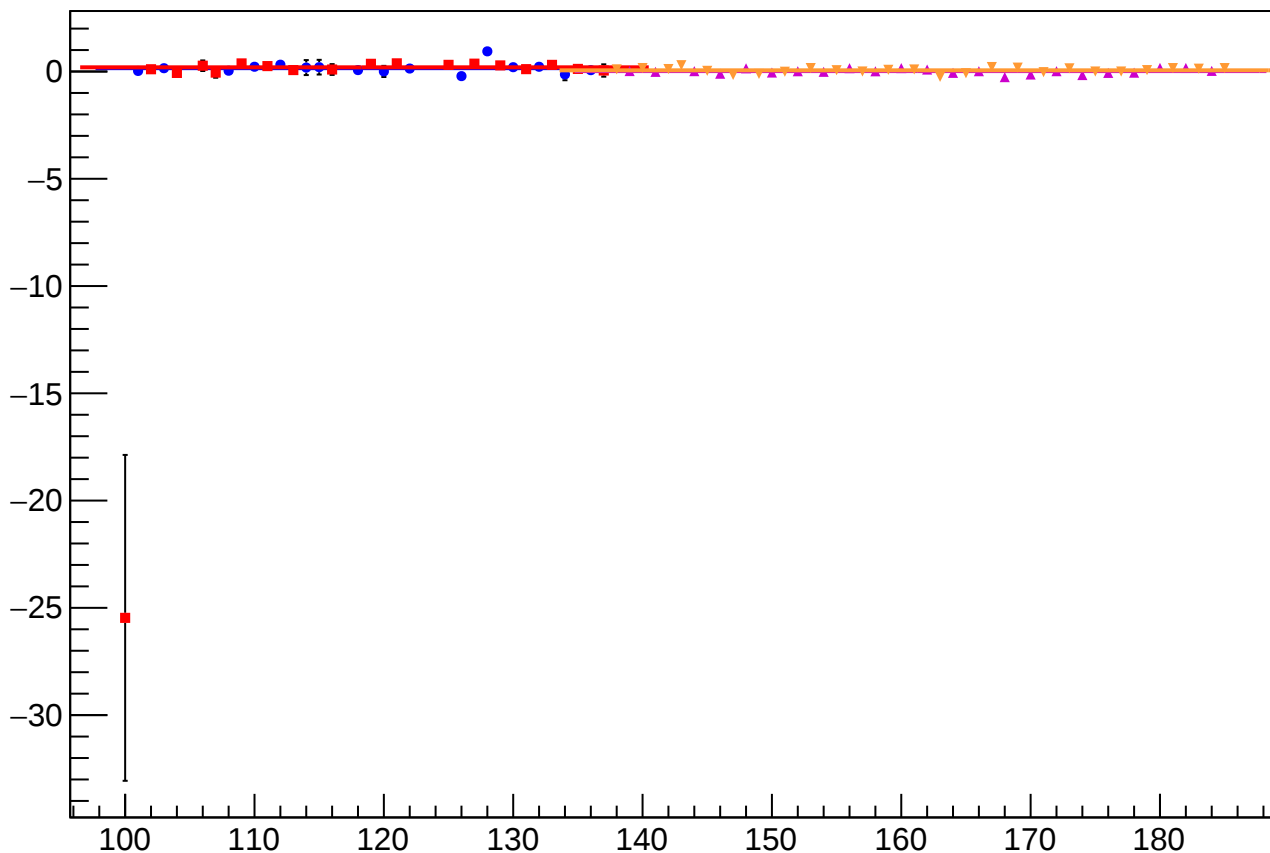
Left In: 0.005 ± 0.014 χ^2/NDF : 49.6/22

+ sign -0.005 ± 0.012 χ^2/NDF : 55.1/40

All: 0.003 ± 0.009 χ^2/NDF : 135.7/81

- sign 0.013 ± 0.012 χ^2/NDF : 79.5/40

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.157 ± 0.043 χ^2/NDF : 29.7/15

Left Out: 0.055 ± 0.018 χ^2/NDF : 40.8/24

Right Out: 0.195 ± 0.045 χ^2/NDF : 22.0/17

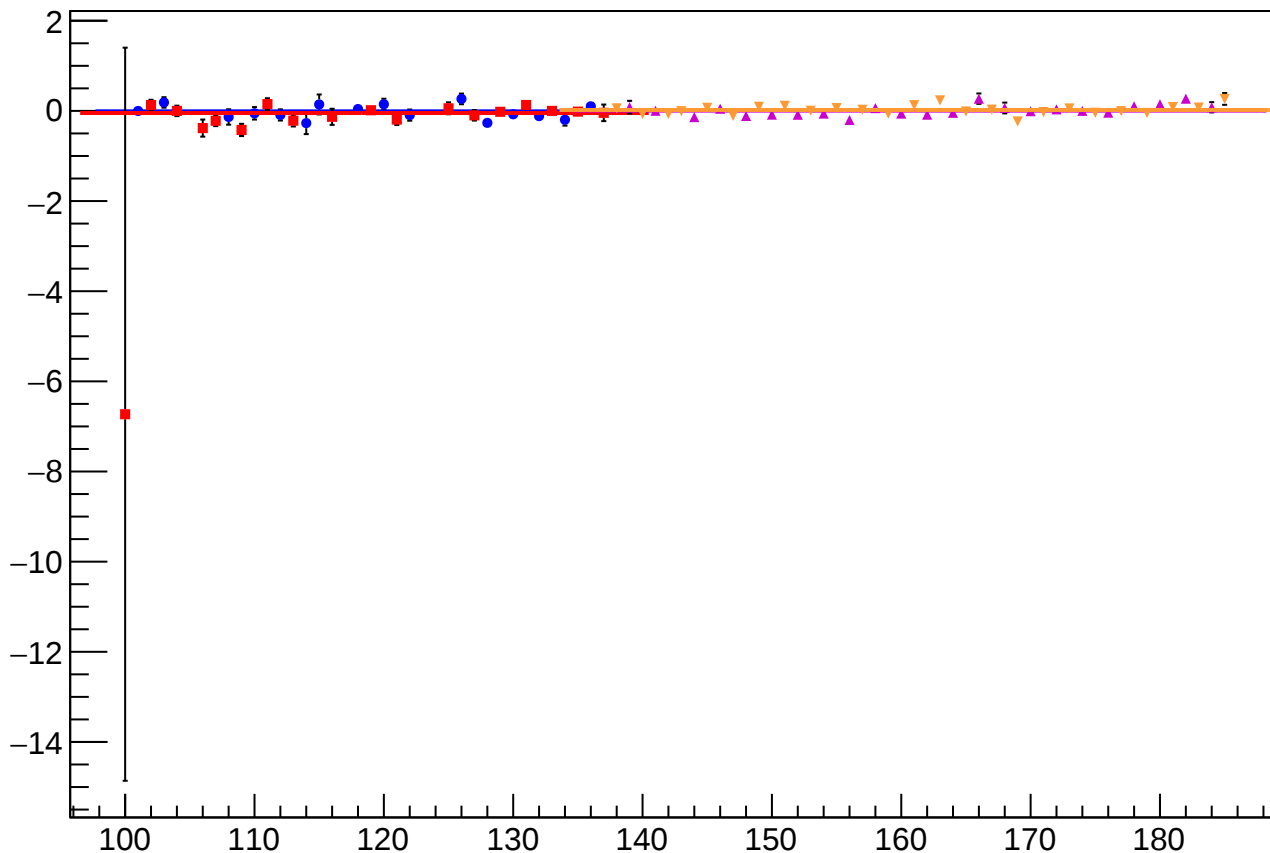
Left In: 0.020 ± 0.018 χ^2/NDF : 35.8/22

+ sign 0.070 ± 0.016 χ^2/NDF : 75.3/40

All: 0.057 ± 0.012 χ^2/NDF : 147.3/81

- sign 0.044 ± 0.017 χ^2/NDF : 70.8/40

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.010 ± 0.027 χ^2/NDF : 24.6/15

Left Out: 0.020 ± 0.016 χ^2/NDF : 33.3/24

Right Out: -0.046 ± 0.029 χ^2/NDF : 26.3/17

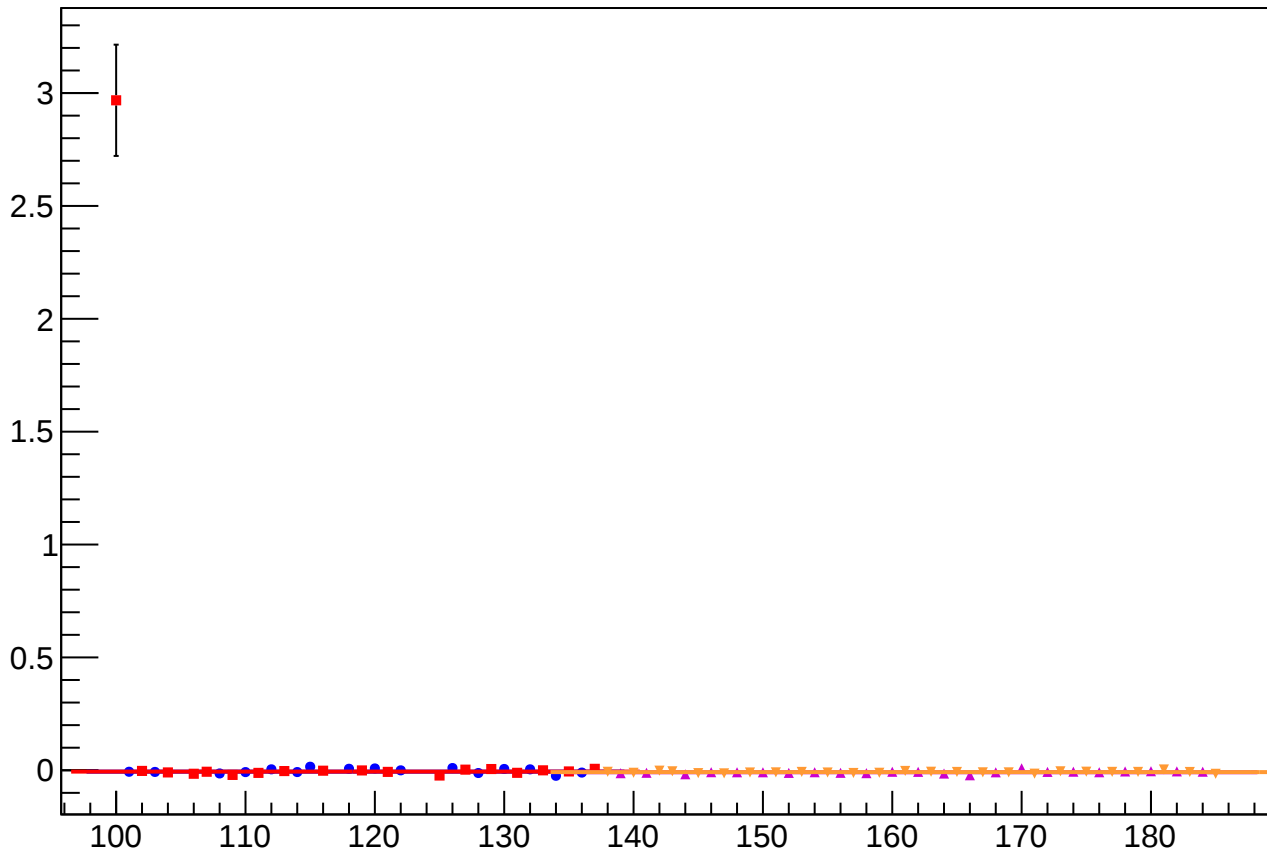
Left In: 0.006 ± 0.016 χ^2/NDF : 50.1/22

+ sign 0.013 ± 0.014 χ^2/NDF : 58.8/40

All: 0.003 ± 0.010 χ^2/NDF : 138.7/81

- sign -0.007 ± 0.014 χ^2/NDF : 78.9/40

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 27.4/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 32.7/24

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.3/17

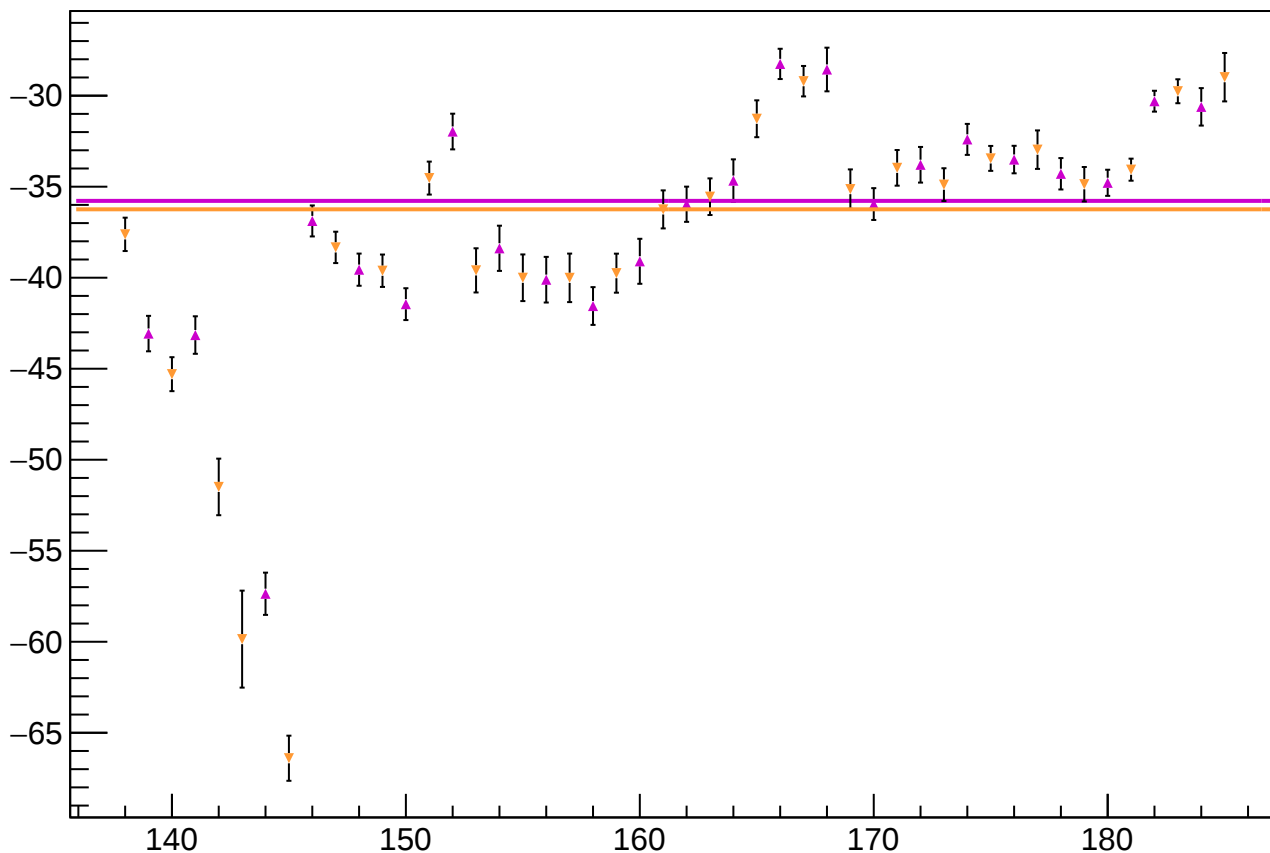
Left In: -0.009 ± 0.001 χ^2/NDF : 37.2/22

+ sign -0.008 ± 0.001 χ^2/NDF : 61.7/40

All: -0.008 ± 0.000 χ^2/NDF : 267.3/81

- sign -0.008 ± 0.001 χ^2/NDF : 205.5/40

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -36.243 $\pm$ 0.191 χ^2 /NDF: 1194.6/24

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

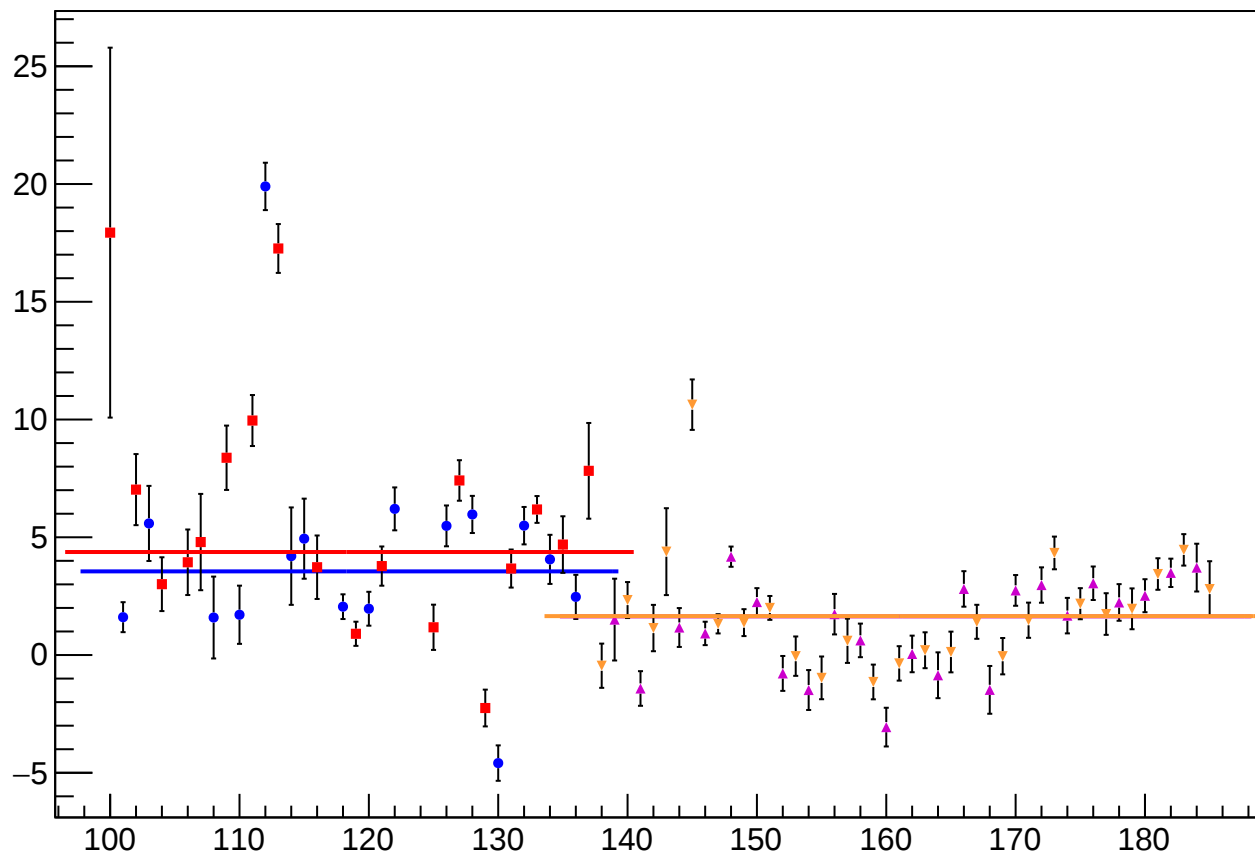
Left In: -35.779 $\pm$ 0.191 χ^2 /NDF: 854.1/22

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

All: -36.011 $\pm$ 0.135 χ^2 /NDF: 2051.6/47

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

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.552 ± 0.221 χ^2/NDF : 439.9/15

Left Out: 1.652 ± 0.147 χ^2/NDF : 168.8/24

Right Out: 4.374 ± 0.225 χ^2/NDF : 353.1/17

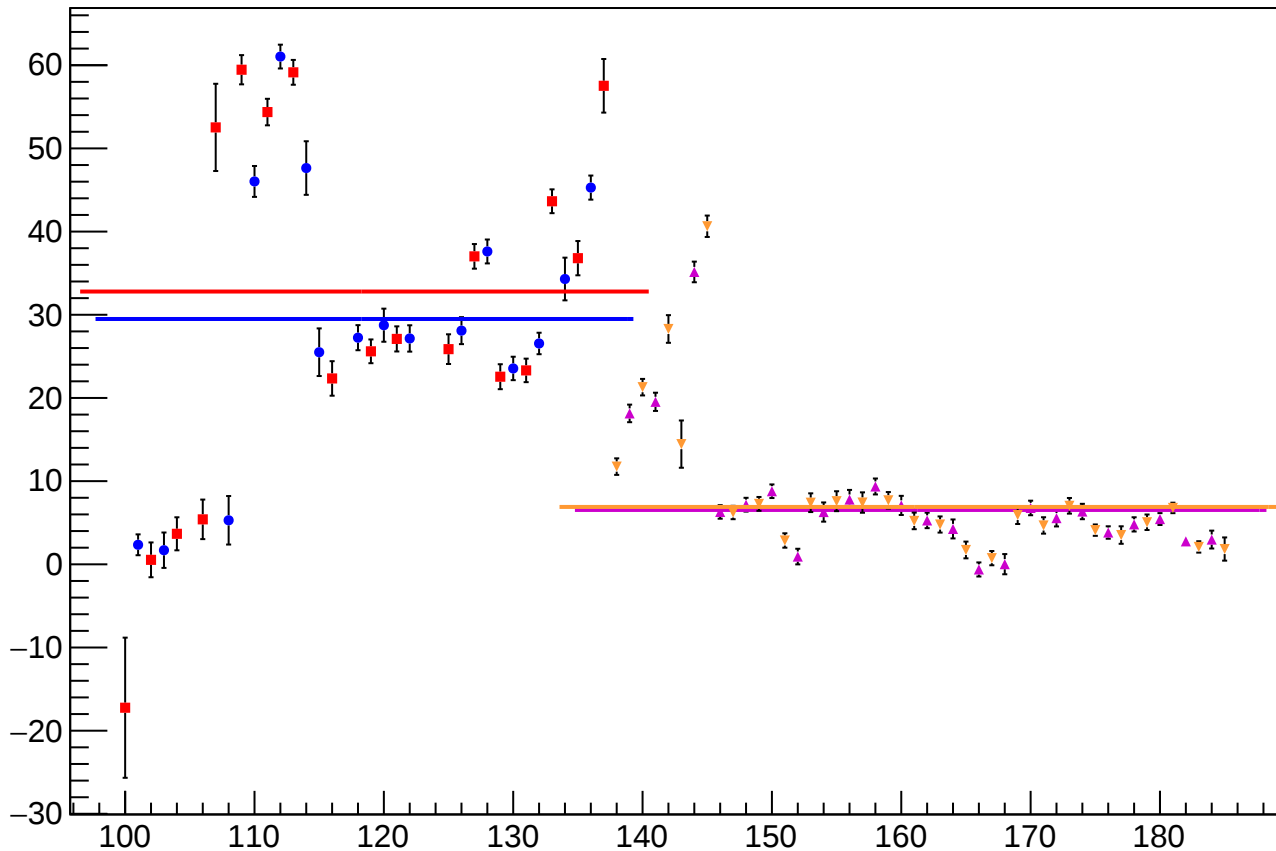
Left In: 1.641 ± 0.150 χ^2/NDF : 163.2/22

+ sign 2.238 ± 0.123 χ^2/NDF : 660.0/40

All: 2.355 ± 0.087 χ^2/NDF : 1280.5/81

- sign 2.477 ± 0.125 χ^2/NDF : 618.6/40

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.493 ± 0.420 χ^2/NDF : 1489.7/15

Left Out: 6.899 ± 0.191 χ^2/NDF : 1303.5/24

Right Out: 32.793 ± 0.424 χ^2/NDF : 1660.2/17

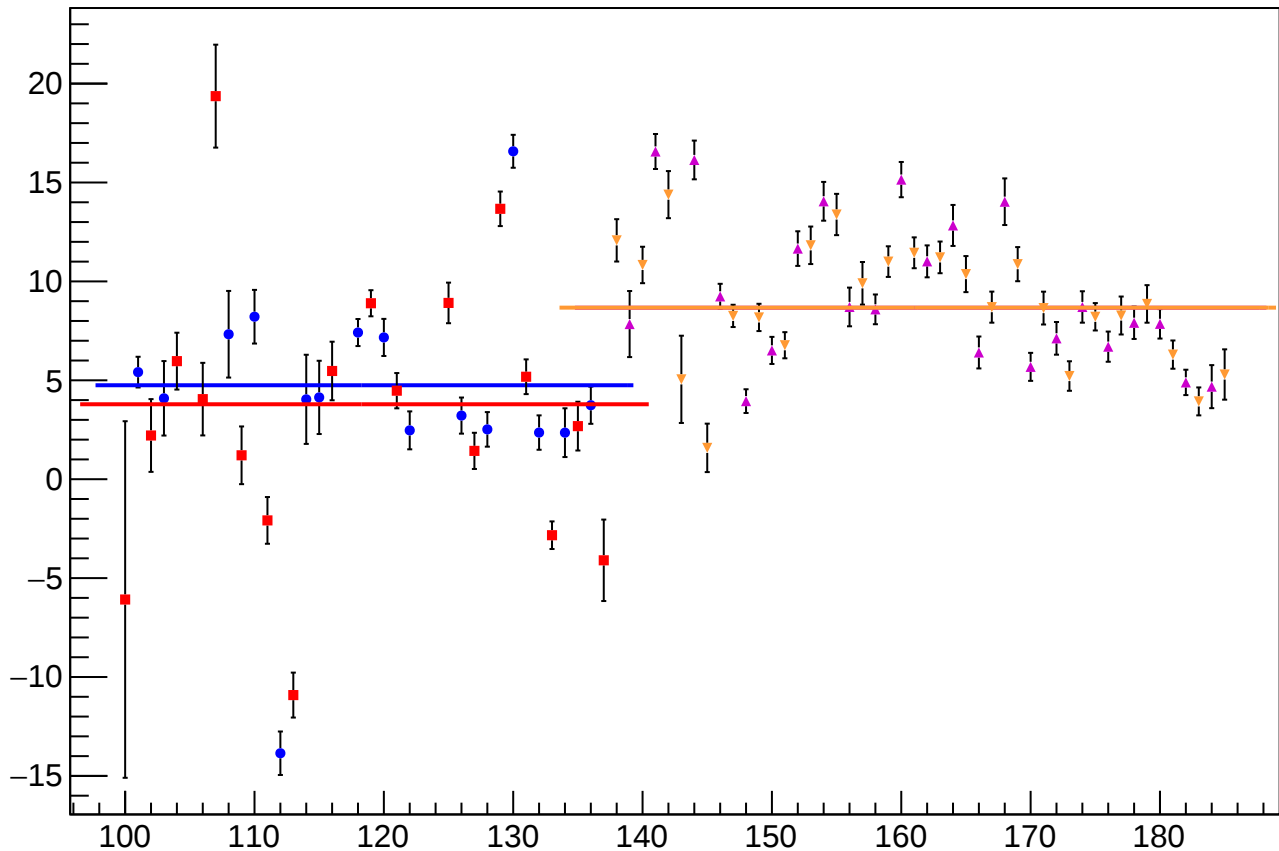
Left In: 6.537 ± 0.190 χ^2/NDF : 1025.1/22

+ sign 10.766 ± 0.174 χ^2/NDF : 5188.0/40

All: 10.857 ± 0.123 χ^2/NDF : 11070.1/81

- sign 10.949 ± 0.174 χ^2/NDF : 5881.5/40

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.750 $\pm$ 0.255 χ^2 /NDF: 546.5/15

Left Out: 8.673 $\pm$ 0.169 χ^2 /NDF: 243.8/24

Right Out: 3.789 $\pm$ 0.259 χ^2 /NDF: 564.8/17

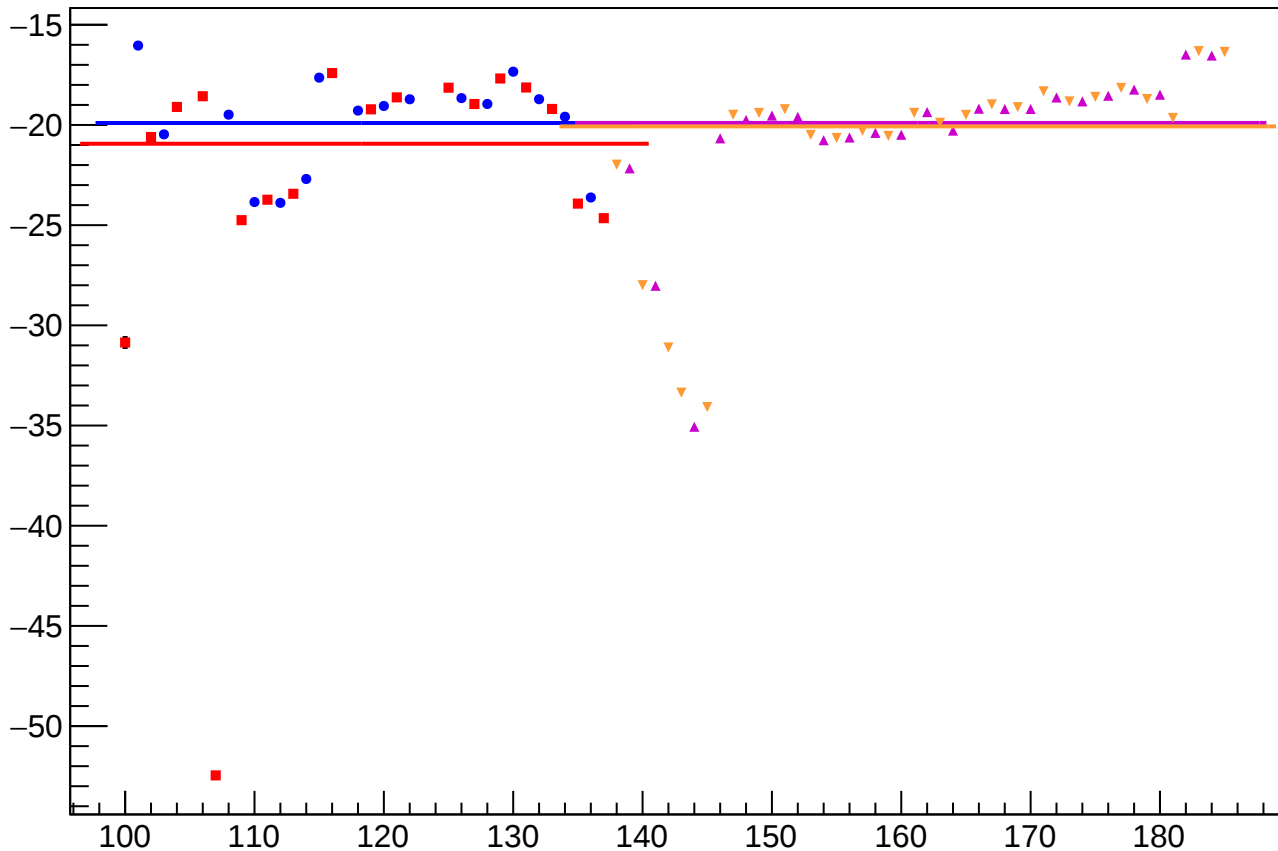
Left In: 8.668 $\pm$ 0.170 χ^2 /NDF: 436.7/22

+ sign 7.478 $\pm$ 0.141 χ^2 /NDF: 955.6/40

All: 7.339 $\pm$ 0.100 χ^2 /NDF: 2206.9/81

- sign 7.197 $\pm$ 0.142 χ^2 /NDF: 1249.4/40

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.902 ± 0.016 $\chi^2/\text{NDF}: 26019.5/15$

Left Out: -20.071 ± 0.008 $\chi^2/\text{NDF}: 185235.1/24$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 93988.8/17$

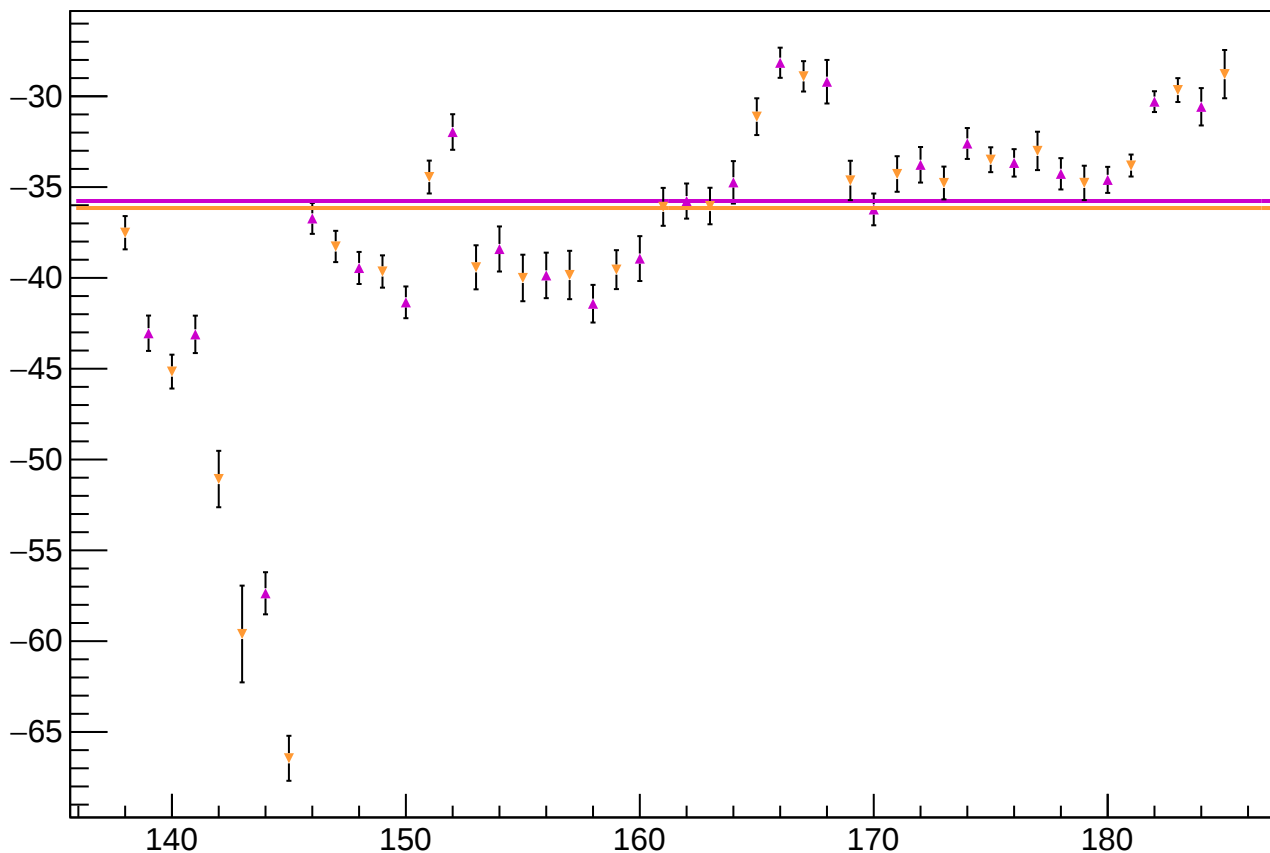
Left In: -19.898 ± 0.008 $\chi^2/\text{NDF}: 144191.9/22$

+ sign -20.037 ± 0.007 $\chi^2/\text{NDF}: 211348.2/40$

All: -20.071 ± 0.005 $\chi^2/\text{NDF}: 453058.5/81$

- sign -20.104 ± 0.007 $\chi^2/\text{NDF}: 241664.3/40$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -36.152 $\pm$ 0.191 χ^2 /NDF:1199.9/24

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

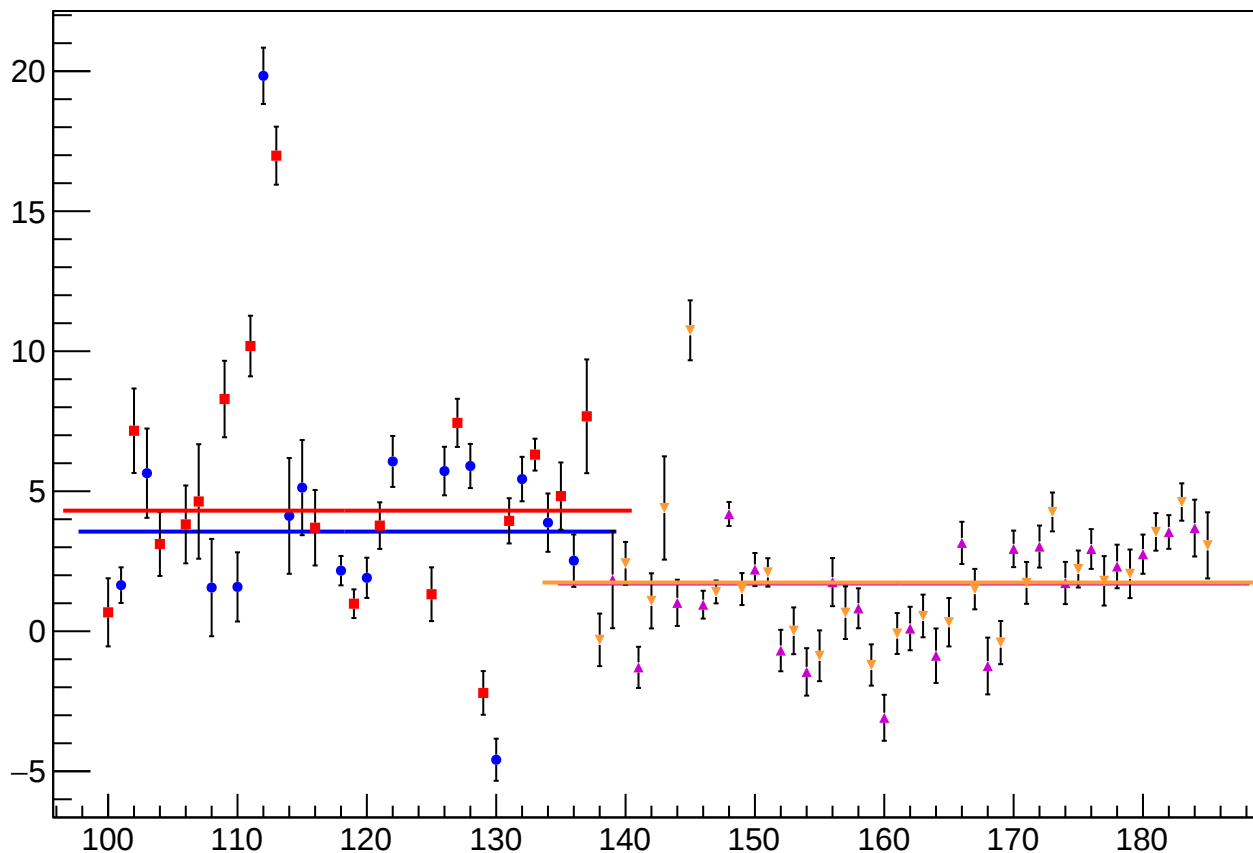
Left In: -35.766 $\pm$ 0.191 χ^2 /NDF:842.6/22

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

All: -35.959 $\pm$ 0.135 χ^2 /NDF: 2044.5/47

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

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.559 ± 0.221 χ^2/NDF : 437.1/15

Left Out: 1.741 ± 0.147 χ^2/NDF : 170.3/24

Right Out: 4.307 ± 0.221 χ^2/NDF : 352.1/17

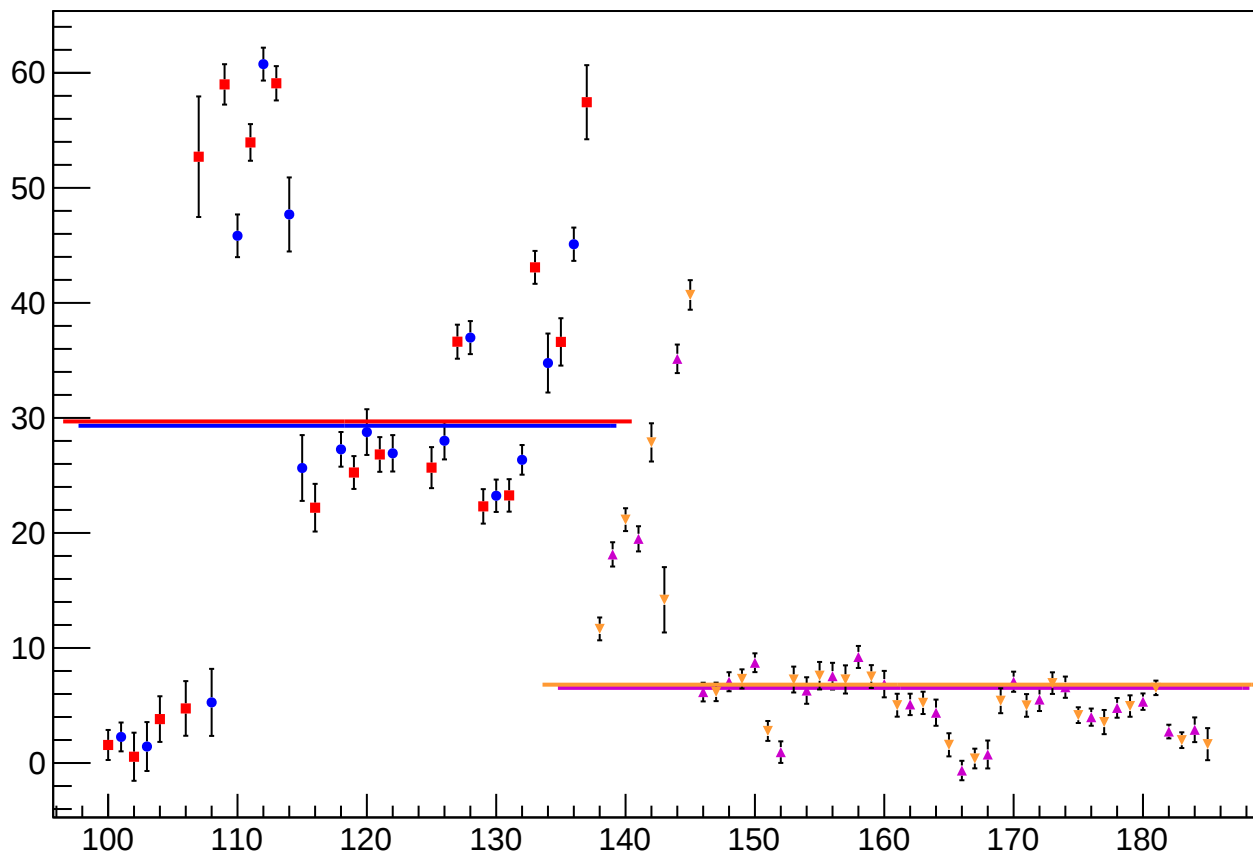
Left In: 1.705 ± 0.149 χ^2/NDF : 163.0/22

+ sign 2.301 ± 0.122 χ^2/NDF : 654.4/40

All: 2.409 ± 0.087 χ^2/NDF : 1266.0/81

- sign 2.519 ± 0.124 χ^2/NDF : 610.0/40

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.321 $\pm$ 0.420 χ^2 /NDF: 1483.3/15

Left Out: 6.811 $\pm$ 0.191 χ^2 /NDF:1305.2/24

Right Out: 29.696 $\pm$ 0.403 χ^2 /NDF: 2129.0/17

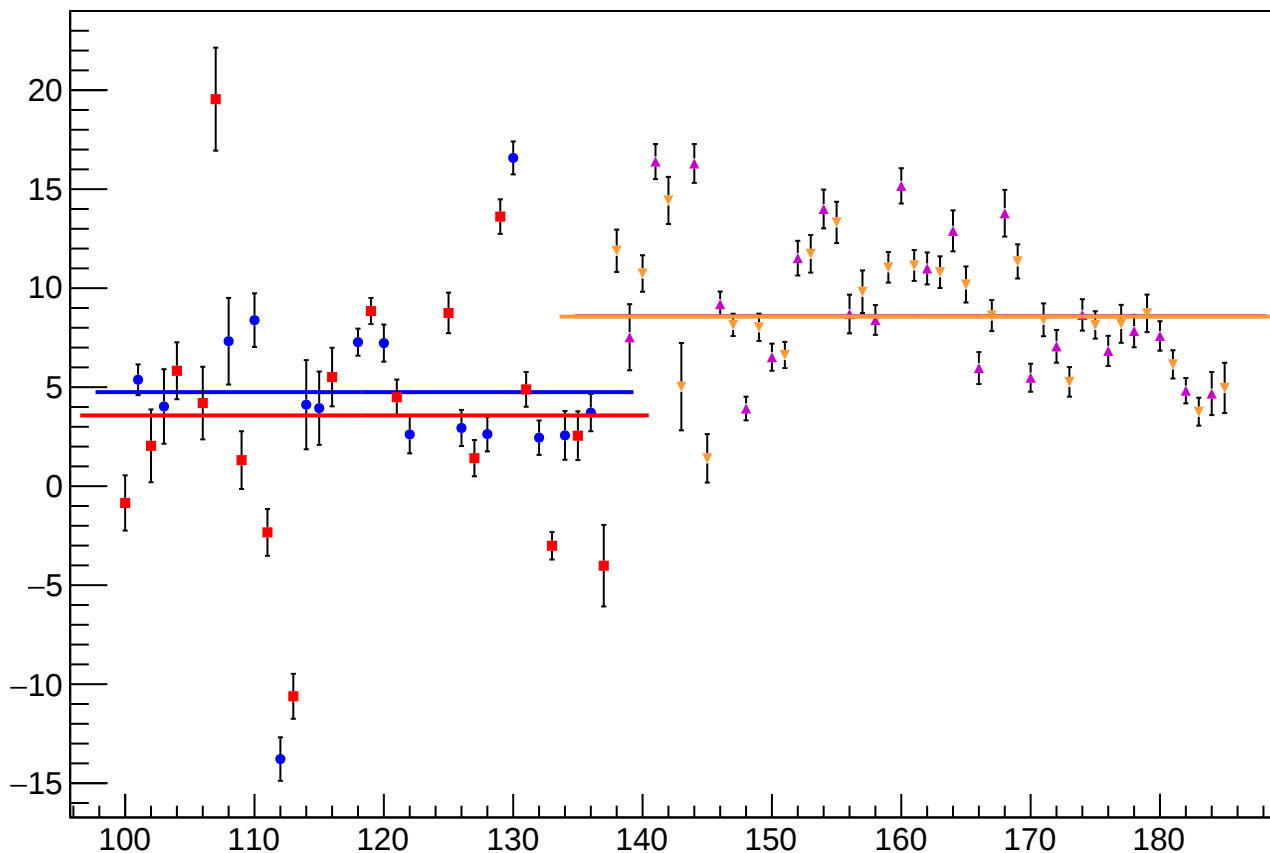
Left In: 6.532 $\pm$ 0.190 χ^2 /NDF:1018.2/22

+ sign 10.664 $\pm$ 0.174 χ^2 /NDF: 5168.6/40

All: 10.709 $\pm$ 0.122 χ^2 /NDF: 11016.0/81

- sign 10.752 $\pm$ 0.172 χ^2 /NDF: 5847.3/40

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.749 ± 0.254 χ^2/NDF : 543.1/15

Left Out: 8.565 ± 0.168 χ^2/NDF : 248.2/24

Right Out: 3.573 ± 0.255 χ^2/NDF : 570.4/17

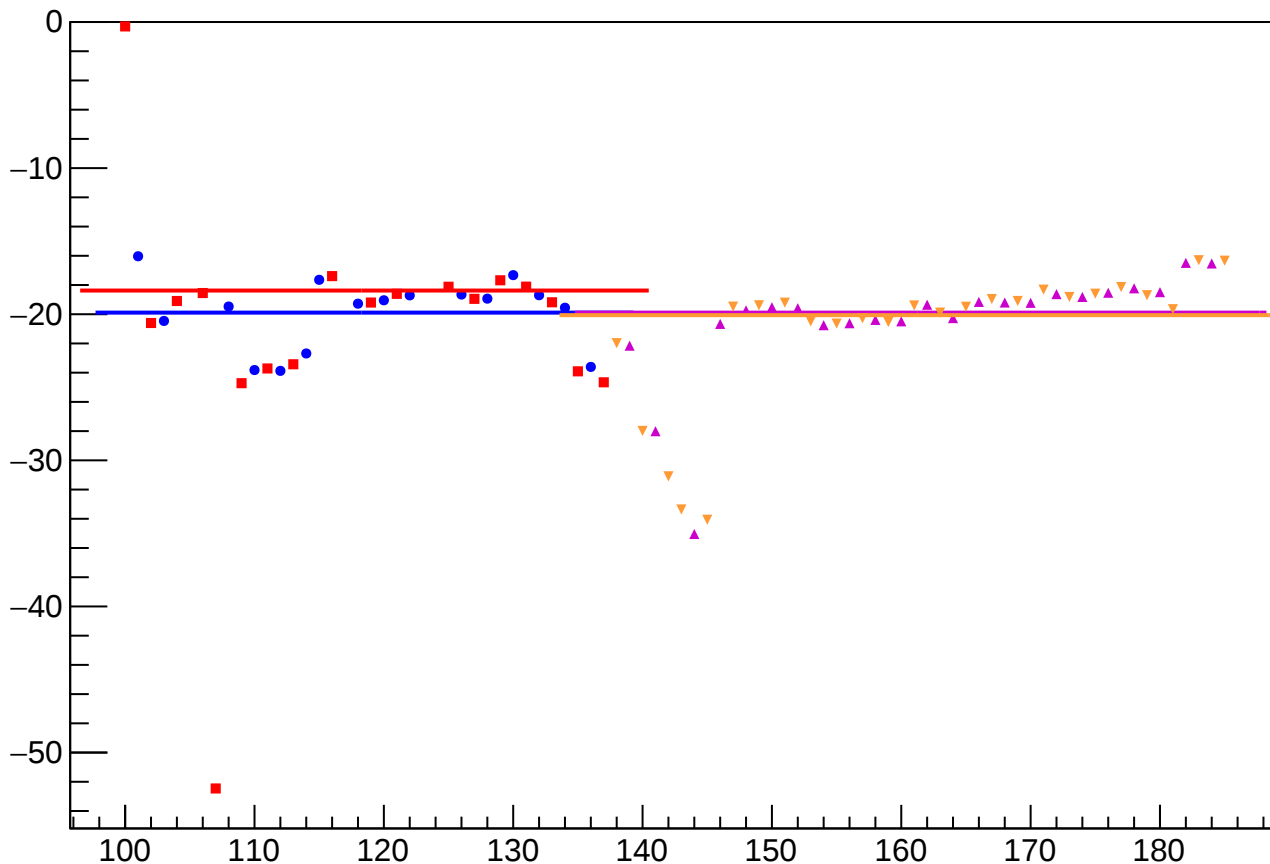
Left In: 8.585 ± 0.170 χ^2/NDF : 441.8/22

+ sign 7.402 ± 0.140 χ^2/NDF : 947.7/40

All: 7.221 ± 0.100 χ^2/NDF : 2231.1/81

- sign 7.038 ± 0.141 χ^2/NDF : 1280.1/40

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.890 ± 0.016 $\chi^2/\text{NDF}: 26008.9/15$

Left Out: -20.064 ± 0.008 $\chi^2/\text{NDF}: 185447.2/24$

Right Out: -18.378 ± 0.015 $\chi^2/\text{NDF}: 301009.6/17$

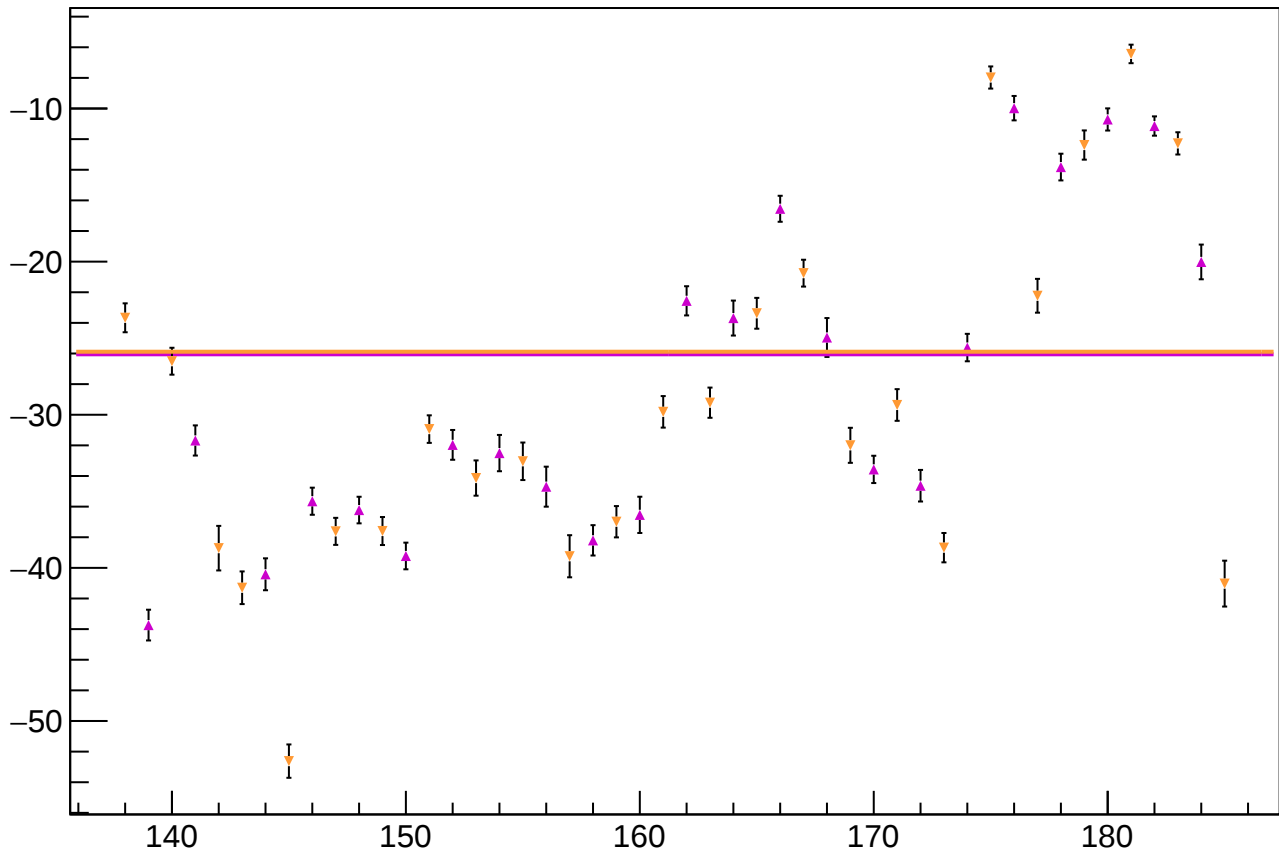
Left In: -19.890 ± 0.008 $\chi^2/\text{NDF}: 144055.2/22$

+ sign -20.028 ± 0.007 $\chi^2/\text{NDF}: 211554.5/40$

All: -19.790 ± 0.005 $\chi^2/\text{NDF}: 667073.0/81$

- sign -19.558 ± 0.007 $\chi^2/\text{NDF}: 453246.0/40$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -25.883 $\pm$ 0.192 χ^2 /NDF: 4161.0/24

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

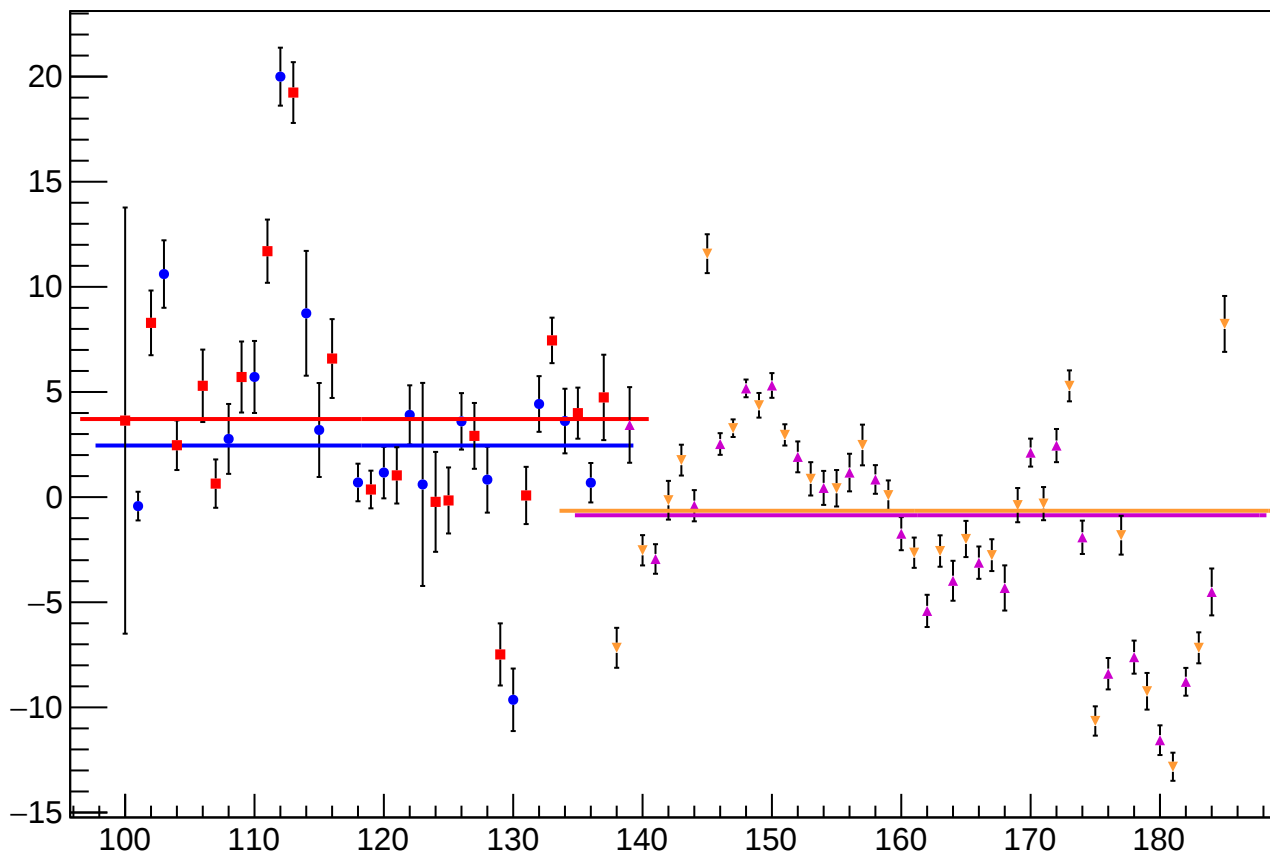
Left In: -26.052 $\pm$ 0.195 χ^2 /NDF: 3279.5/22

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

All: -25.966 $\pm$ 0.137 χ^2 /NDF: 7440.9/47

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

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.454 ± 0.315 χ^2/NDF : 294.3/16

Left Out: -0.649 ± 0.146 χ^2/NDF : 1317.8/24

Right Out: 3.714 ± 0.327 χ^2/NDF : 269.1/18

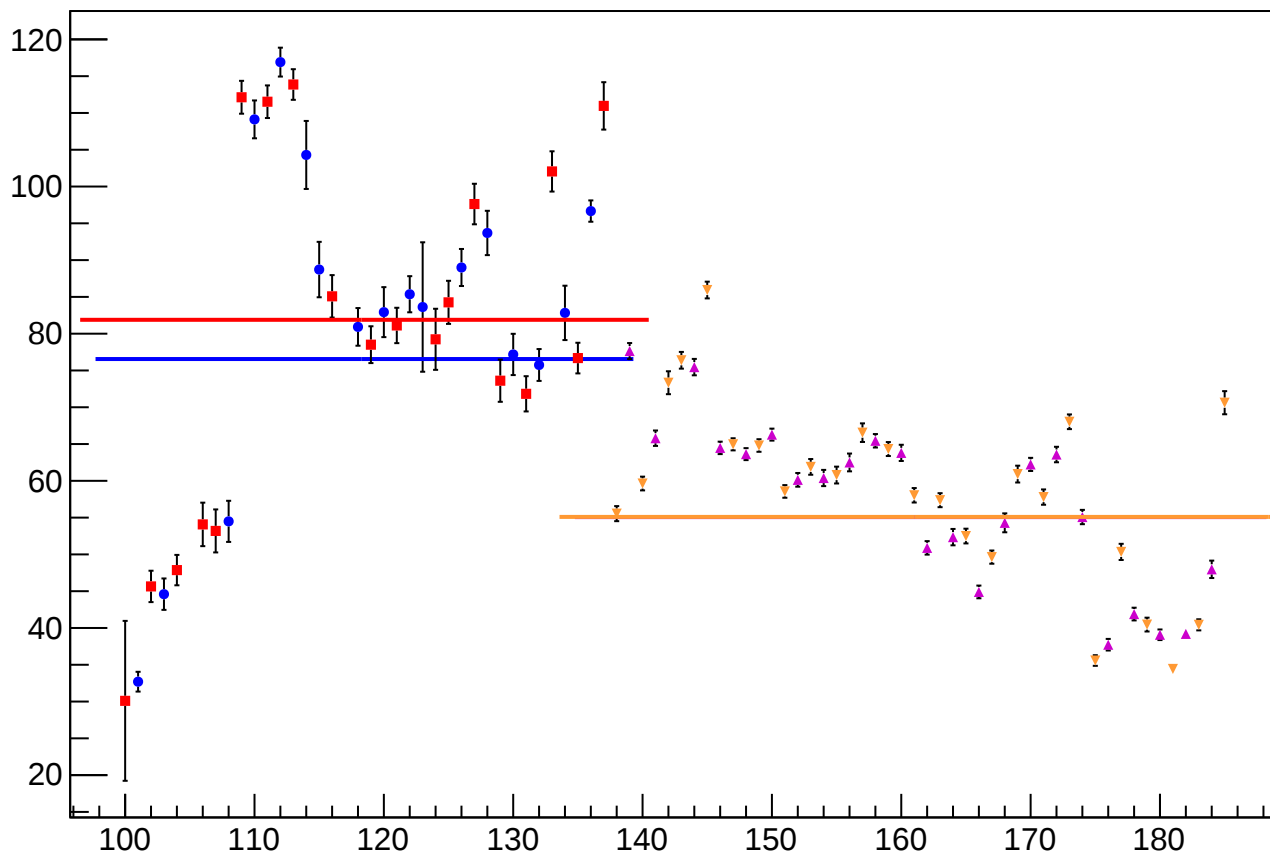
Left In: -0.863 ± 0.150 χ^2/NDF : 1066.5/22

+ sign -0.098 ± 0.133 χ^2/NDF : 1692.0/41

All: -0.081 ± 0.095 χ^2/NDF : 3189.5/83

- sign -0.063 ± 0.137 χ^2/NDF : 1497.5/41

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.555 $\pm$ 0.577 χ^2 /NDF: 2252.8/16

Left Out: 55.097 $\pm$ 0.192 χ^2 /NDF: 4582.9/24

Right Out: 81.886 $\pm$ 0.593 χ^2 /NDF: 1570.8/18

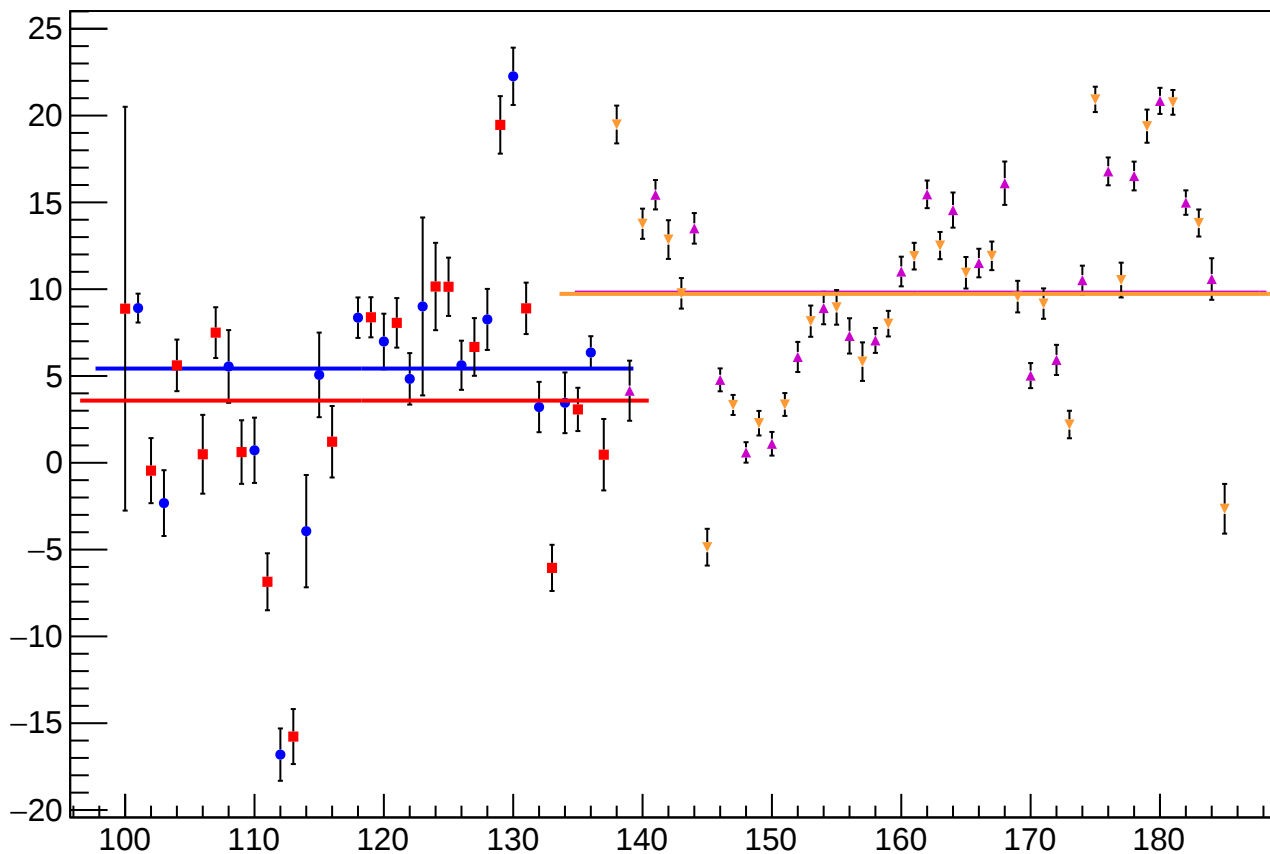
Left In: 55.070 $\pm$ 0.193 χ^2 /NDF: 3702.8/22

+ sign 57.226 $\pm$ 0.182 χ^2 /NDF: 8081.8/41

All: 57.436 $\pm$ 0.129 χ^2 /NDF: 15207.0/83

- sign 57.650 $\pm$ 0.184 χ^2 /NDF: 7122.4/41

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.428 ± 0.361 χ^2/NDF : 385.7/16

Left Out: 9.730 ± 0.168 χ^2/NDF : 1448.3/24

Right Out: 3.582 ± 0.376 χ^2/NDF : 421.6/18

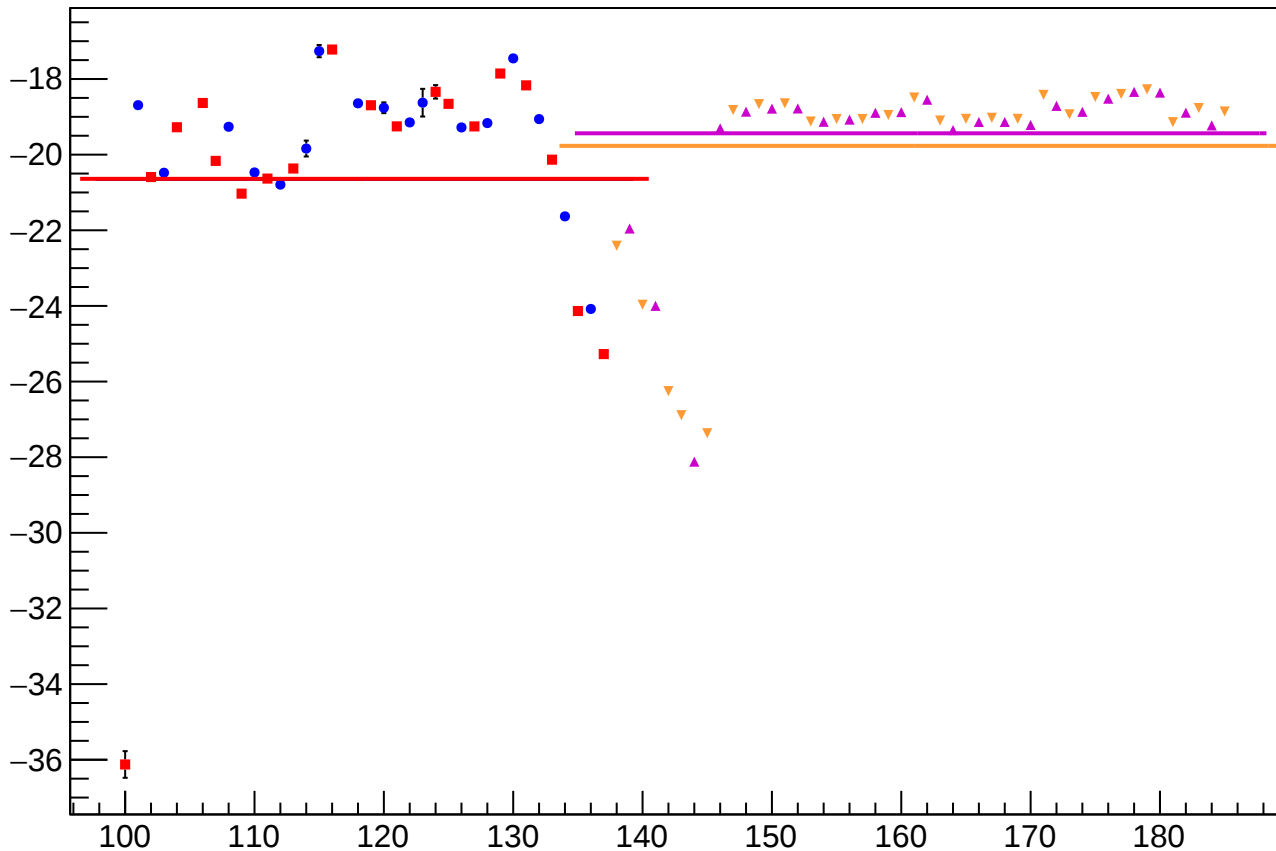
Left In: 9.803 ± 0.172 χ^2/NDF : 1158.7/22

+ sign 8.966 ± 0.152 χ^2/NDF : 1950.8/41

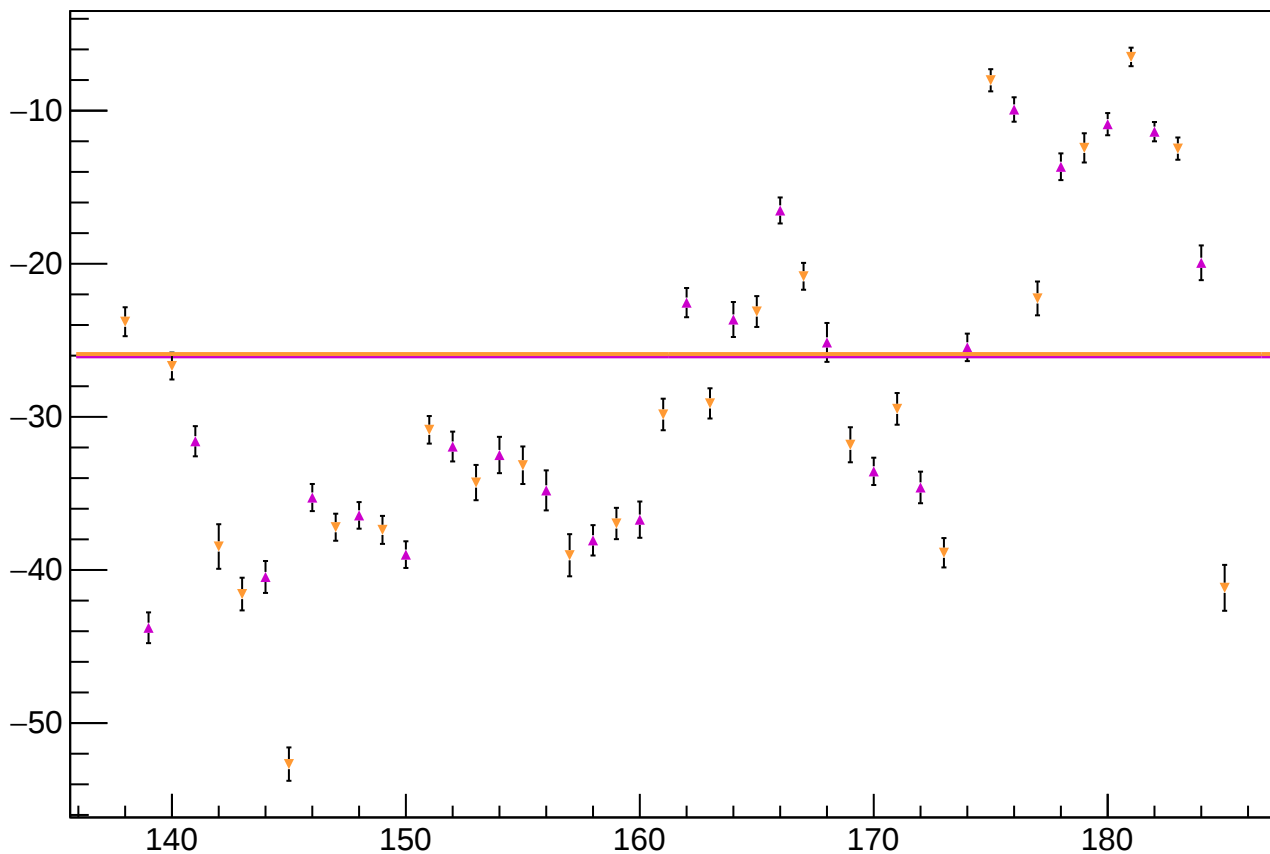
All: 8.850 ± 0.109 χ^2/NDF : 3759.3/83

- sign 8.728 ± 0.156 χ^2/NDF : 1807.3/41

reg_asym_right_avg_diff_bpm12X_slope vs Slug



reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -25.897+/-0.192 χ^2/NDF : 4130.9/24

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

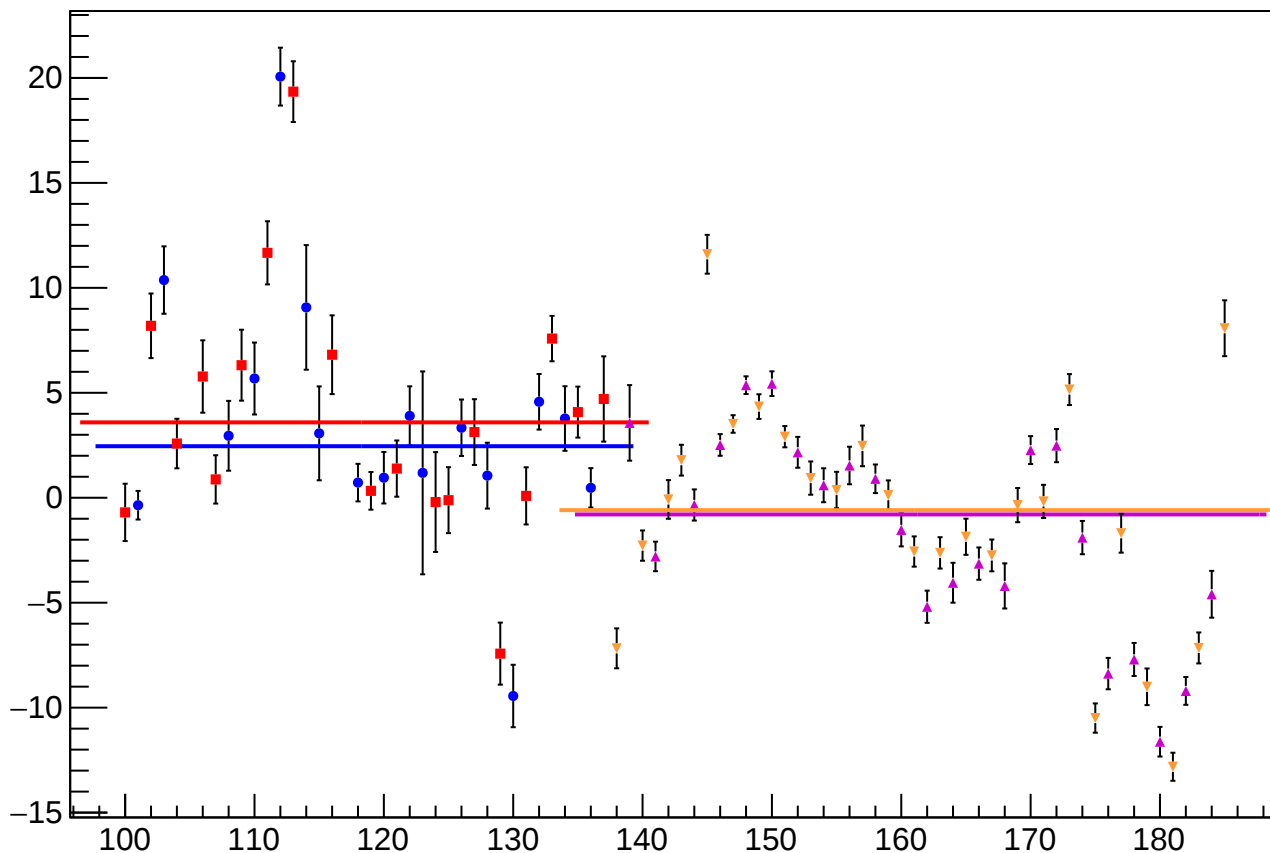
Left In: -26.046+/-0.195 χ^2/NDF : 3246.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.971+/-0.137 χ^2/NDF : 7377.9/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.455 ± 0.315 χ^2/NDF : 292.3/16

Left Out: -0.591 ± 0.146 χ^2/NDF : 1307.5/24

Right Out: 3.592 ± 0.318 χ^2/NDF : 280.0/18

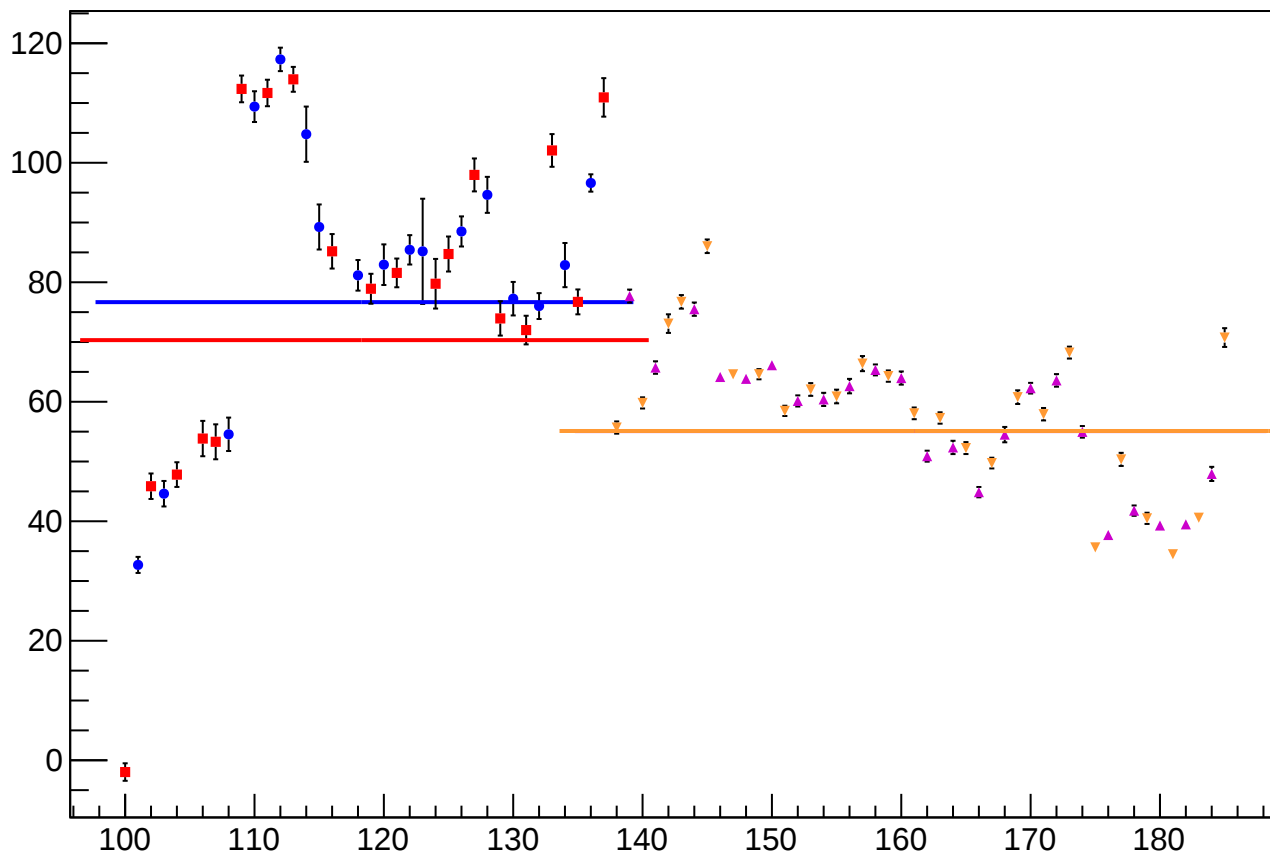
Left In: -0.795 ± 0.151 χ^2/NDF : 1106.3/22

+ sign -0.050 ± 0.133 χ^2/NDF : 1676.8/41

All: -0.022 ± 0.095 χ^2/NDF : 3218.5/83

- sign 0.008 ± 0.136 χ^2/NDF : 1541.7/41

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.675 $\pm$ 0.577 χ^2 /NDF: 2264.8/16

Left Out: 55.109 $\pm$ 0.192 χ^2 /NDF: 4564.1/24

Right Out: 70.316 $\pm$ 0.551 χ^2 /NDF: 4387.2/18

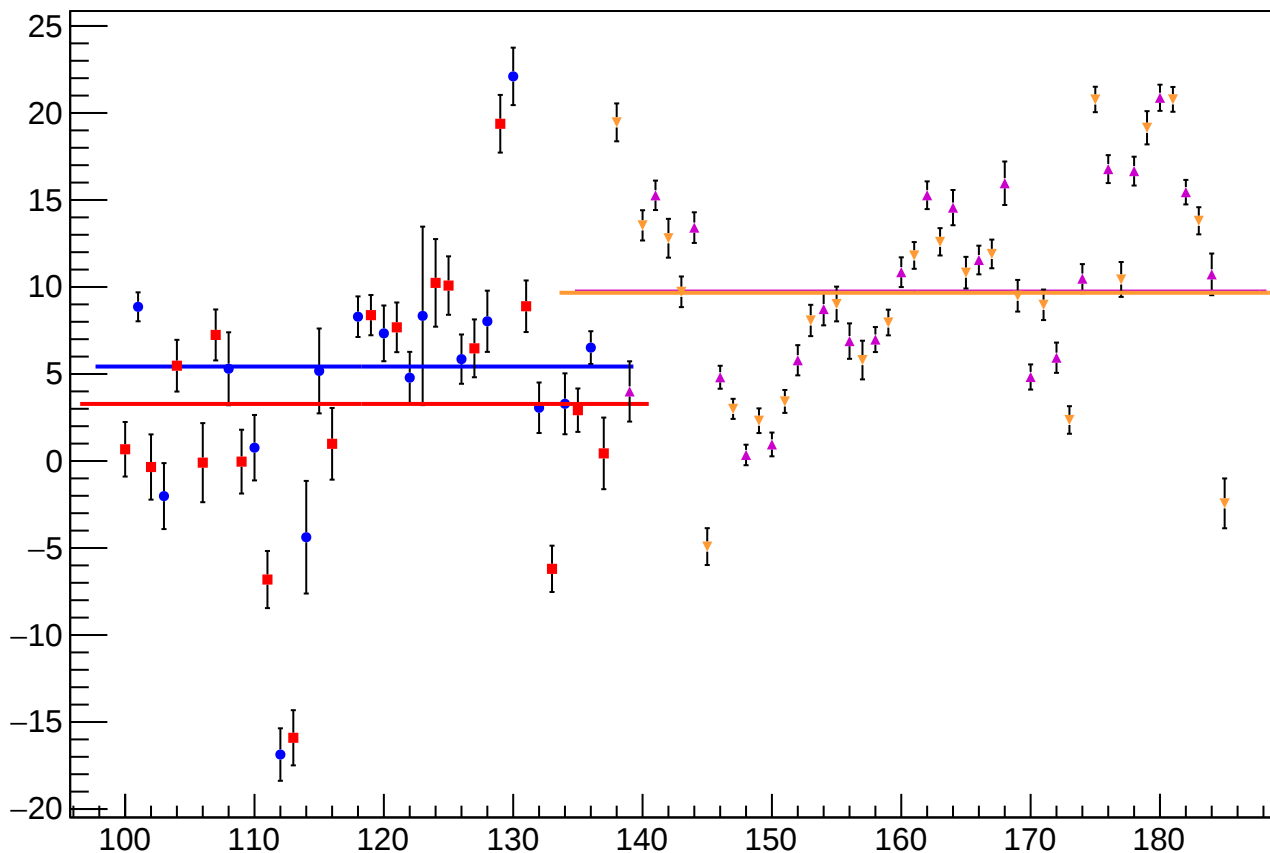
Left In: 55.094 $\pm$ 0.194 χ^2 /NDF: 3664.6/22

+ sign 57.250 $\pm$ 0.182 χ^2 /NDF: 8086.1/41

All: 57.011 $\pm$ 0.129 χ^2 /NDF: 16821.8/83

- sign 56.769 $\pm$ 0.183 χ^2 /NDF: 8732.2/41

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.428 ± 0.361 $\chi^2/\text{NDF}: 384.2/16$

Left Out: 9.668 ± 0.168 $\chi^2/\text{NDF}: 1439.3/24$

Right Out: 3.280 ± 0.366 $\chi^2/\text{NDF}: 425.0/18$

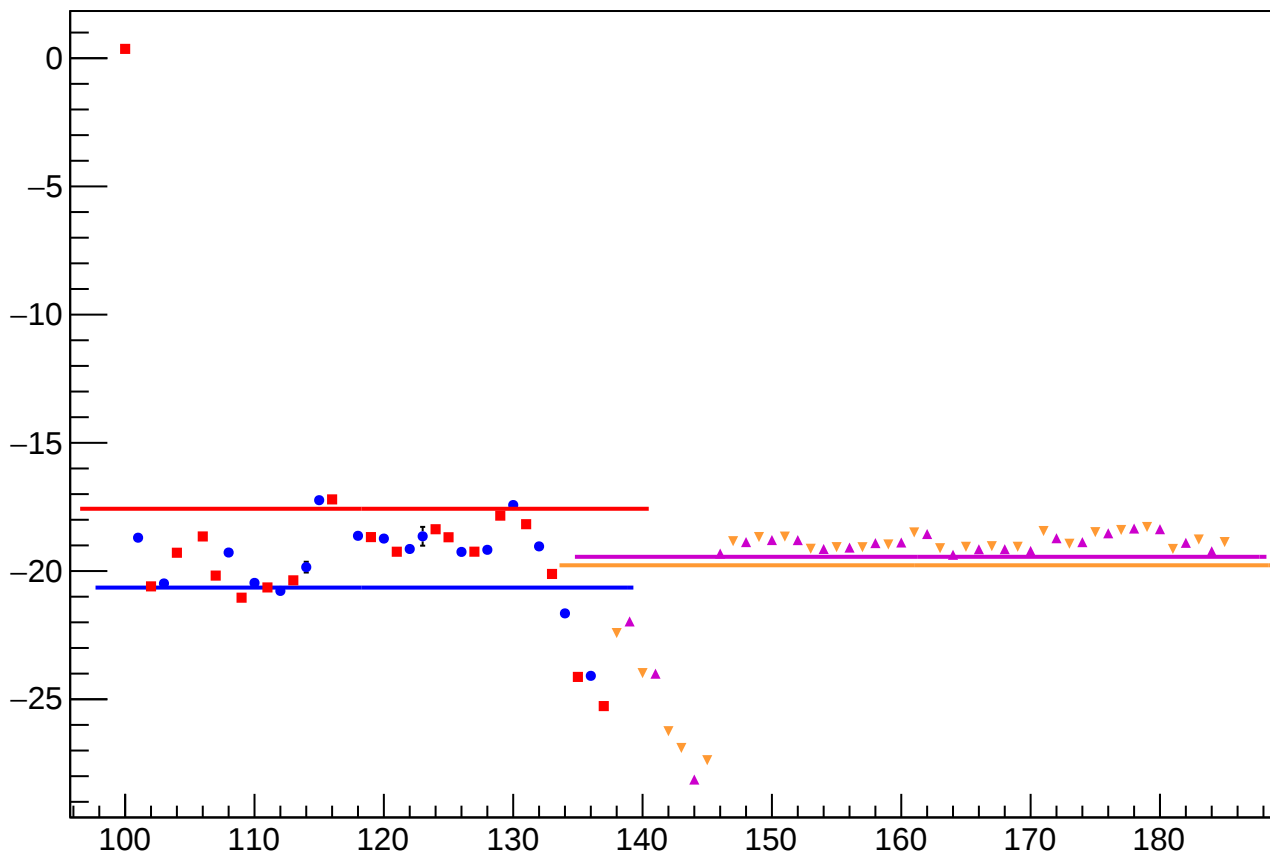
Left In: 9.738 ± 0.172 $\chi^2/\text{NDF}: 1191.1/22$

+ sign 8.915 ± 0.152 $\chi^2/\text{NDF}: 1936.8/41$

All: 8.746 ± 0.109 $\chi^2/\text{NDF}: 3811.1/83$

- sign 8.570 ± 0.155 $\chi^2/\text{NDF}: 1871.8/41$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.645 ± 0.019 χ^2/NDF : 12462.7/16

Left Out: -19.775 ± 0.008 χ^2/NDF : 91500.3/24

Right Out: -17.571 ± 0.018 χ^2/NDF : 178318.0/18

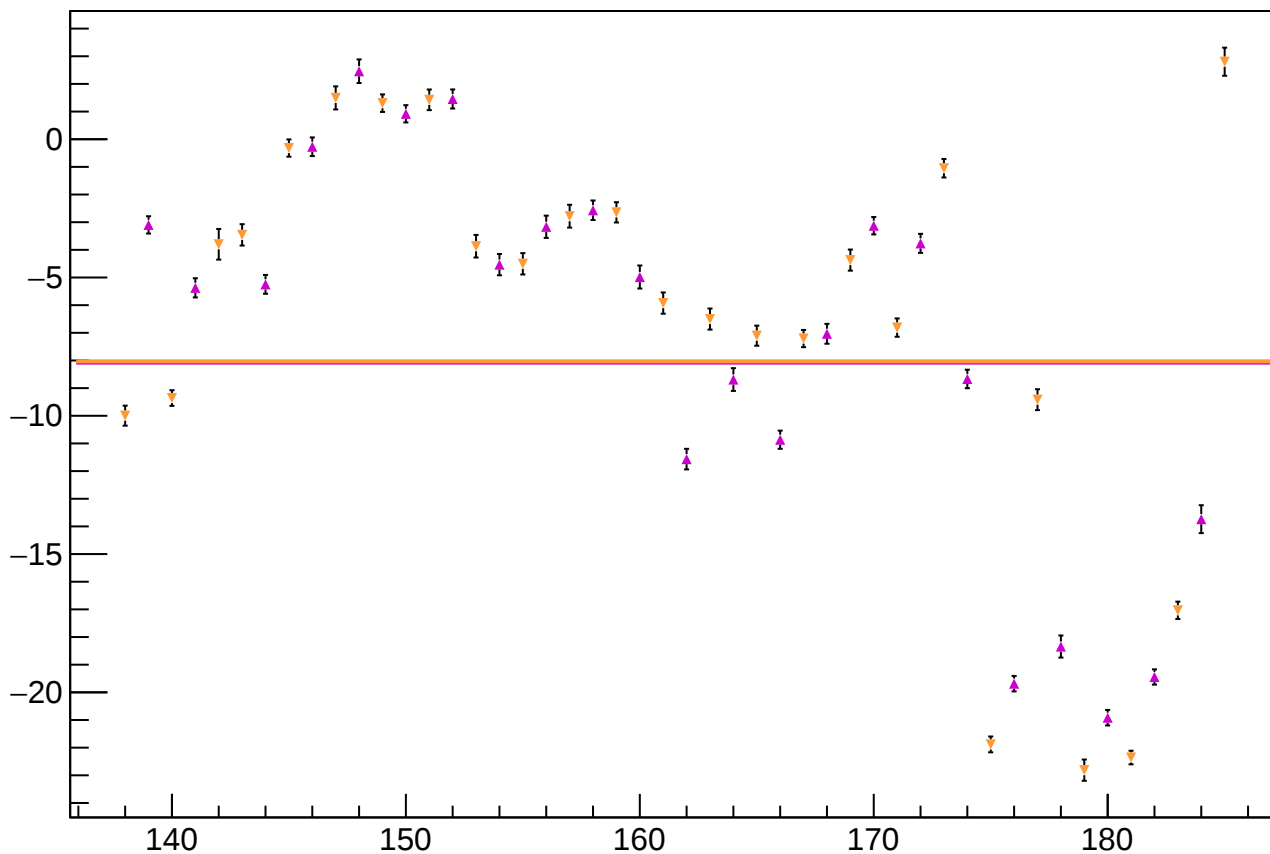
Left In: -19.445 ± 0.008 χ^2/NDF : 53124.1/22

+ sign -19.899 ± 0.007 χ^2/NDF : 105693.2/41

All: -19.518 ± 0.005 χ^2/NDF : 351579.4/83

- sign -19.140 ± 0.007 χ^2/NDF : 240465.9/41

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -8.031+/-0.070 χ^2/NDF :12563.5/24

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

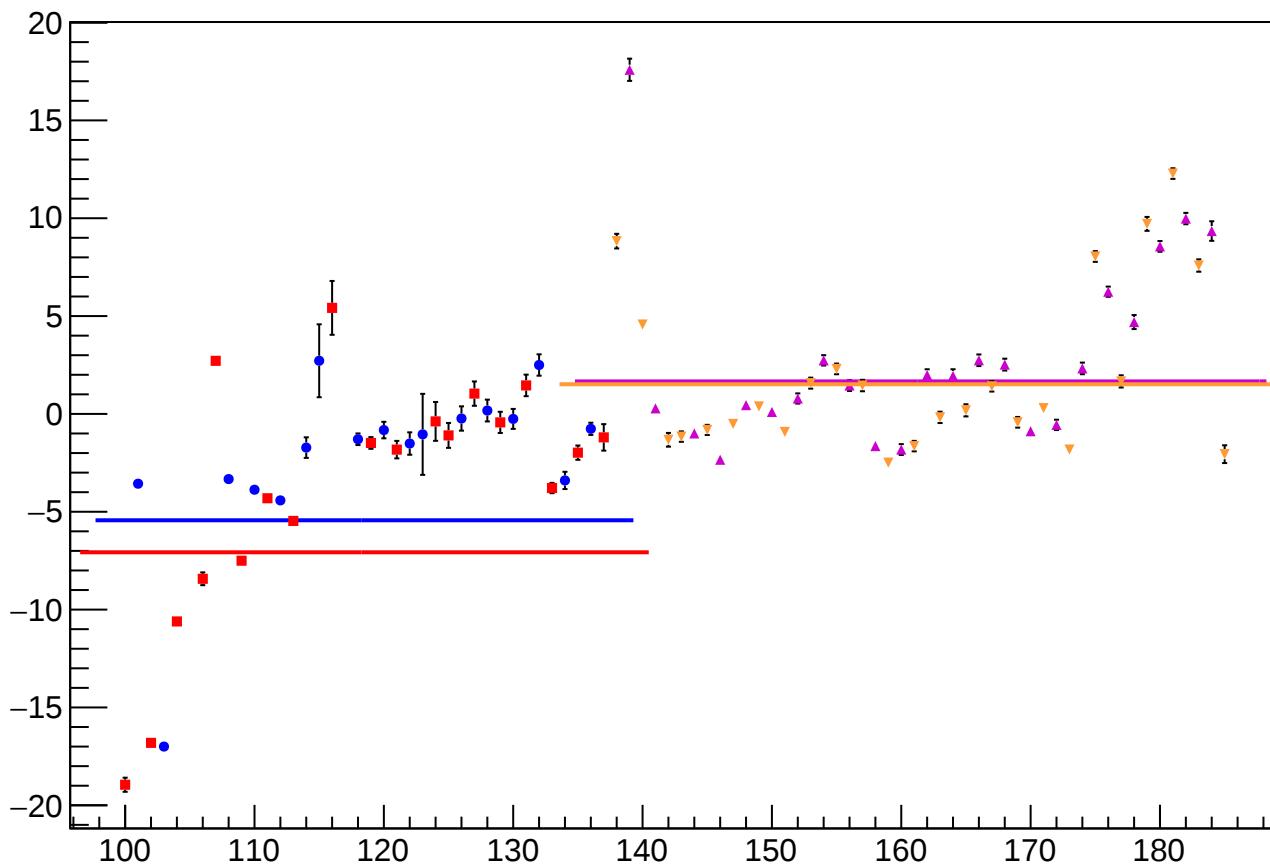
Left In: -8.078+/-0.072 χ^2/NDF :10541.6/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.054+/-0.050 χ^2/NDF : 23105.2/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.435 ± 0.055 χ^2/NDF : 9226.6/16

Left Out: 1.516 ± 0.054 χ^2/NDF : 4837.5/24

Right Out: -7.071 ± 0.059 χ^2/NDF : 12294.3/18

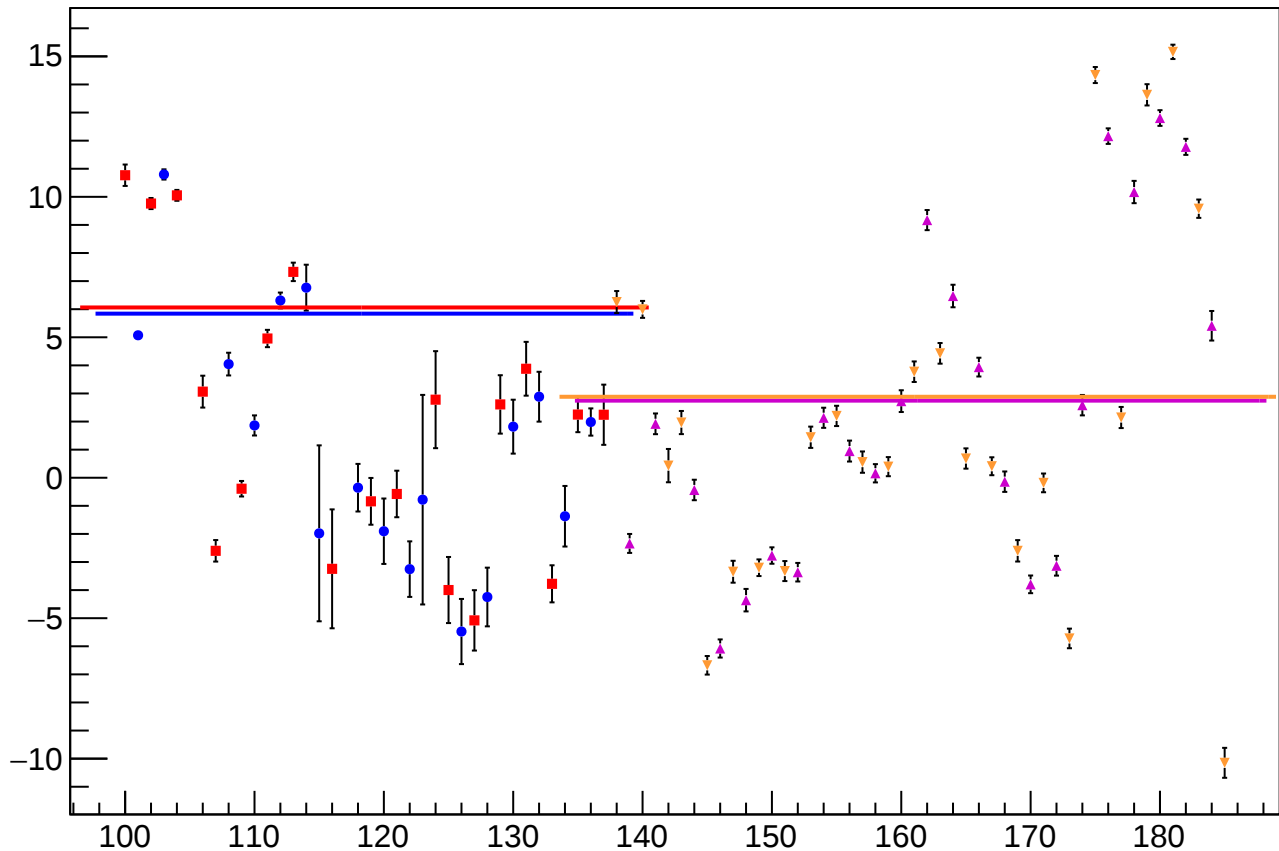
Left In: 1.662 ± 0.057 χ^2/NDF : 4034.2/22

+ sign -1.927 ± 0.039 χ^2/NDF : 22159.8/41

All: -2.206 ± 0.028 χ^2/NDF : 50005.3/83

- sign -2.518 ± 0.041 χ^2/NDF : 27735.0/41

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.842 $\pm$ 0.090 χ^2 /NDF: 1436.5/16

Left Out: 2.883 $\pm$ 0.070 χ^2 /NDF:8892.1/24

Right Out: 6.062 $\pm$ 0.093 χ^2 /NDF: 2664.6/18

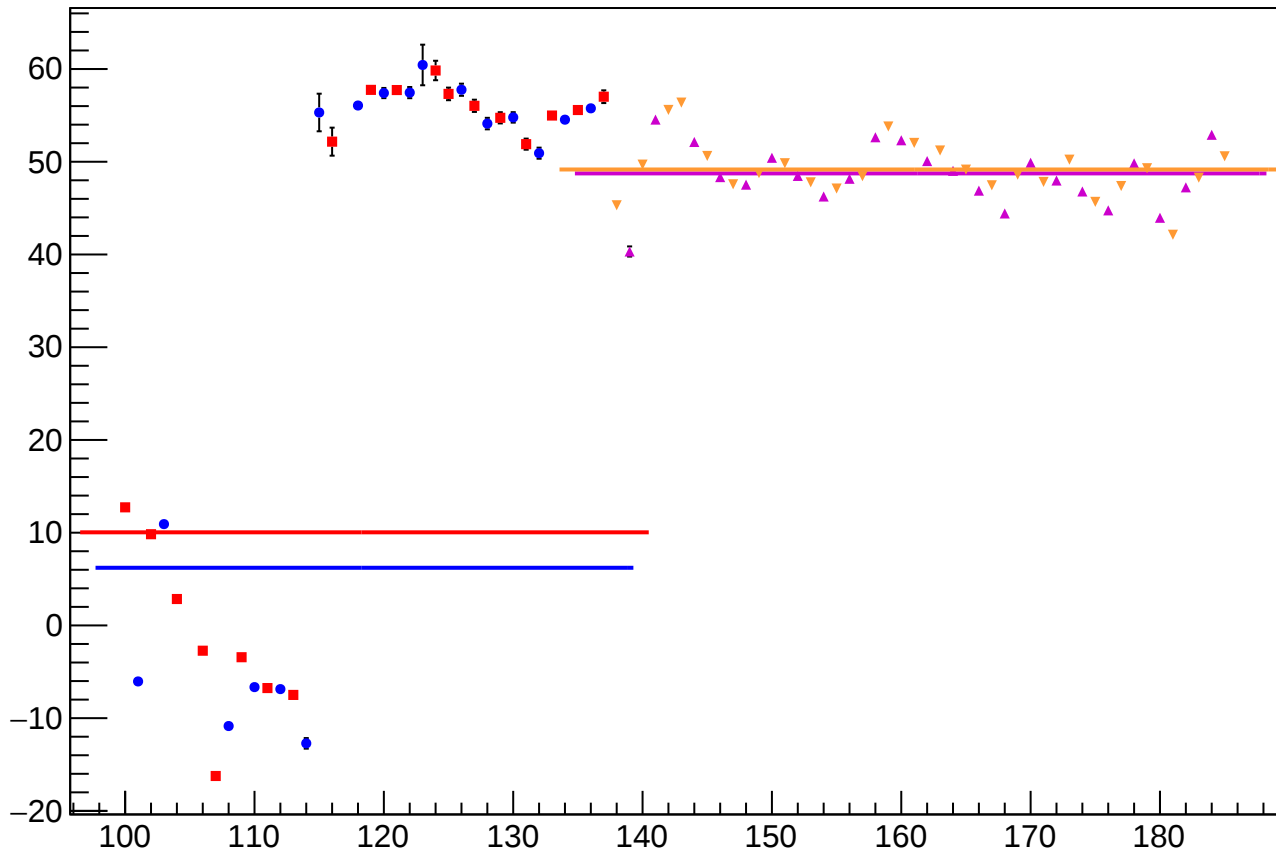
Left In: 2.745 $\pm$ 0.071 χ^2 /NDF:7183.1/22

+ sign 4.008 $\pm$ 0.055 χ^2 /NDF: 11003.0/41

All: 3.990 $\pm$ 0.040 χ^2 /NDF: 21646.8/83

- sign 3.970 $\pm$ 0.057 χ^2 /NDF: 10643.5/41

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.217 $\pm$ 0.065 χ^2/NDF : 120600.0/16

Left Out: 49.166 $\pm$ 0.062 χ^2/NDF : 2258.6/24

Right Out: 10.040 $\pm$ 0.070 χ^2/NDF : 121726.0/18

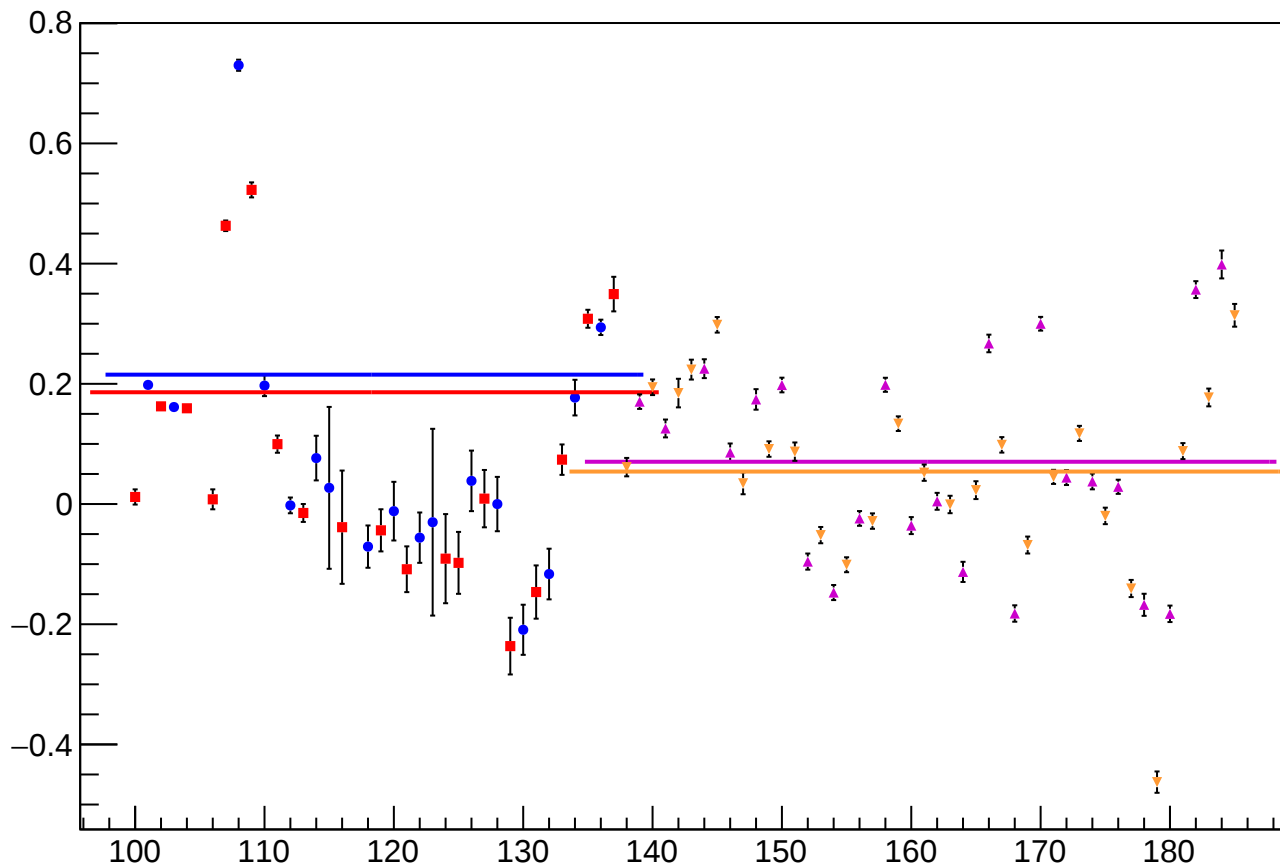
Left In: 48.744 $\pm$ 0.064 χ^2/NDF : 2097.7/22

+ sign 28.748 $\pm$ 0.045 χ^2/NDF : 352885.3/41

All: 29.877 $\pm$ 0.032 χ^2/NDF : 645741.7/83

- sign 31.127 $\pm$ 0.047 χ^2/NDF : 291513.7/41

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3923.9/16

Left Out: 0.054 $\pm$ 0.003 χ^2 /NDF:2379.9/24

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2715.5/18

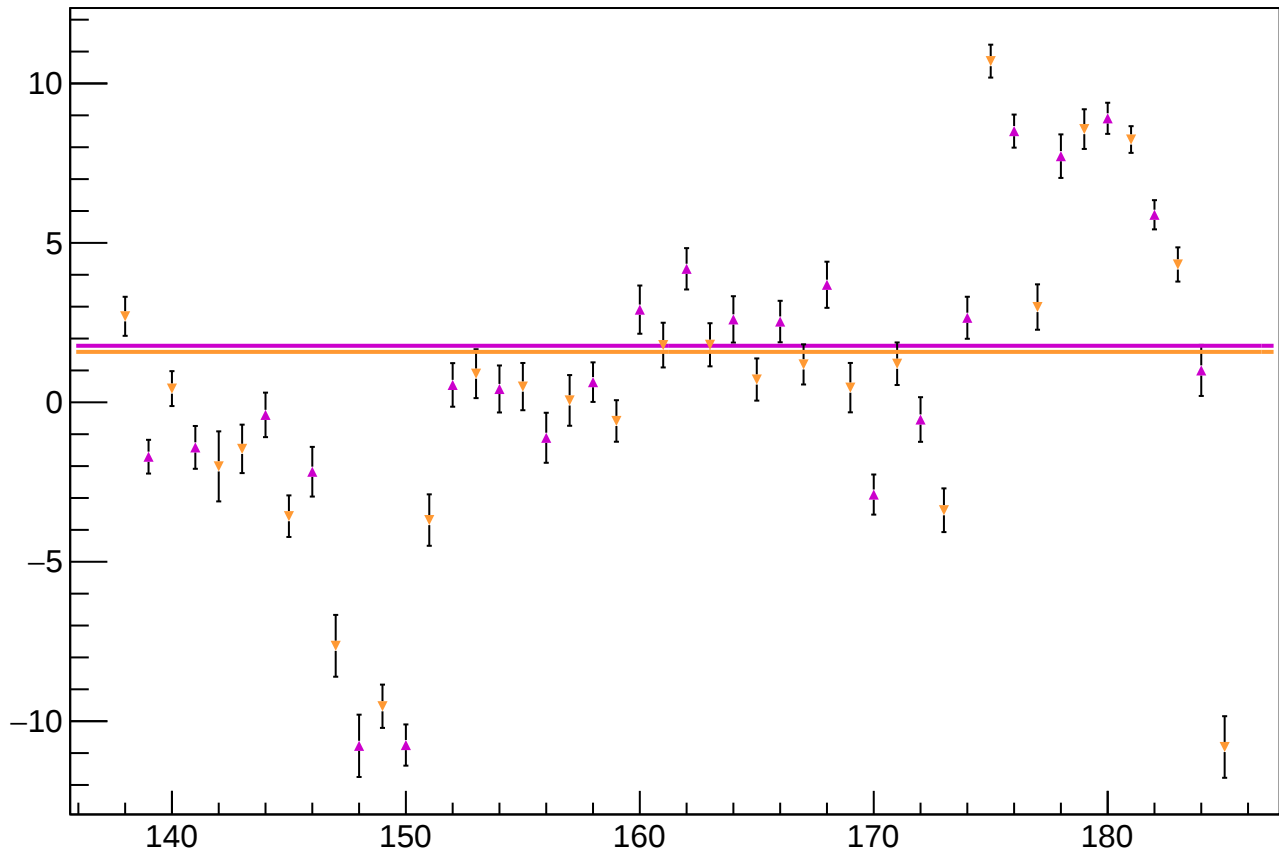
Left In: 0.070 $\pm$ 0.003 χ^2 /NDF:3233.8/22

+ sign 0.136 $\pm$ 0.002 χ^2 /NDF: 7965.5/41

All: 0.134 $\pm$ 0.001 χ^2 /NDF: 14783.9/83

- sign 0.132 $\pm$ 0.002 χ^2 /NDF: 6815.8/41

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: 1.582 $\pm$ 0.133 χ^2 /NDF:1458.4/24

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

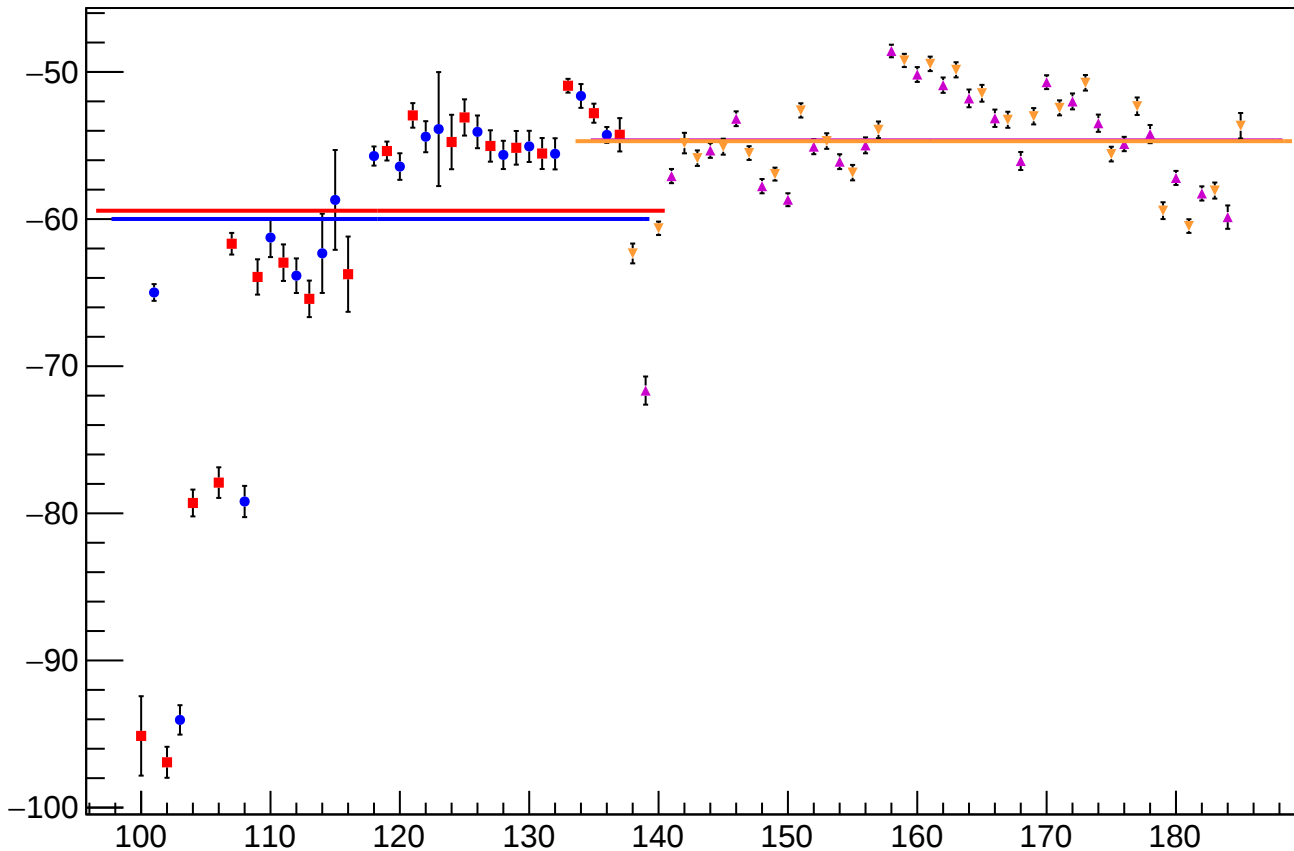
Left In: 1.774 $\pm$ 0.135 χ^2 /NDF:1297.3/22

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

All: 1.676 $\pm$ 0.095 χ^2 /NDF: 2756.8/47

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

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.993 ± 0.225 χ^2/NDF : 1973.4/16

Left Out: -54.705 ± 0.106 χ^2/NDF : 1124.6/24

Right Out: -59.431 ± 0.212 χ^2/NDF : 2920.1/18

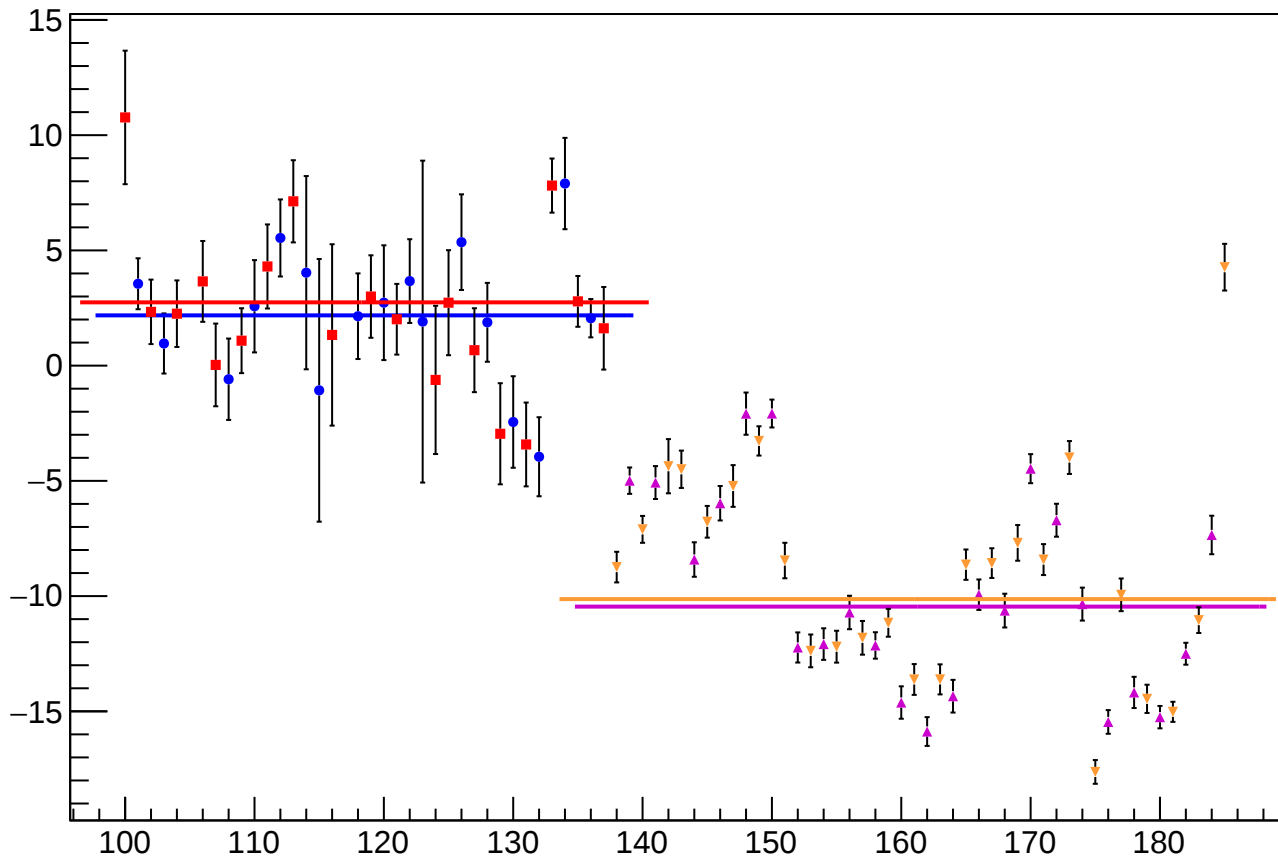
Left In: -54.650 ± 0.110 χ^2/NDF : 1077.1/22

+ sign -55.659 ± 0.096 χ^2/NDF : 3550.0/41

All: -55.660 ± 0.068 χ^2/NDF : 7947.9/83

- sign -55.660 ± 0.098 χ^2/NDF : 4397.9/41

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.181 ± 0.406 $\chi^2/\text{NDF}: 39.2/16$

Left Out: -10.130 ± 0.133 $\chi^2/\text{NDF}: 1055.4/24$

Right Out: 2.746 ± 0.388 $\chi^2/\text{NDF}: 58.7/18$

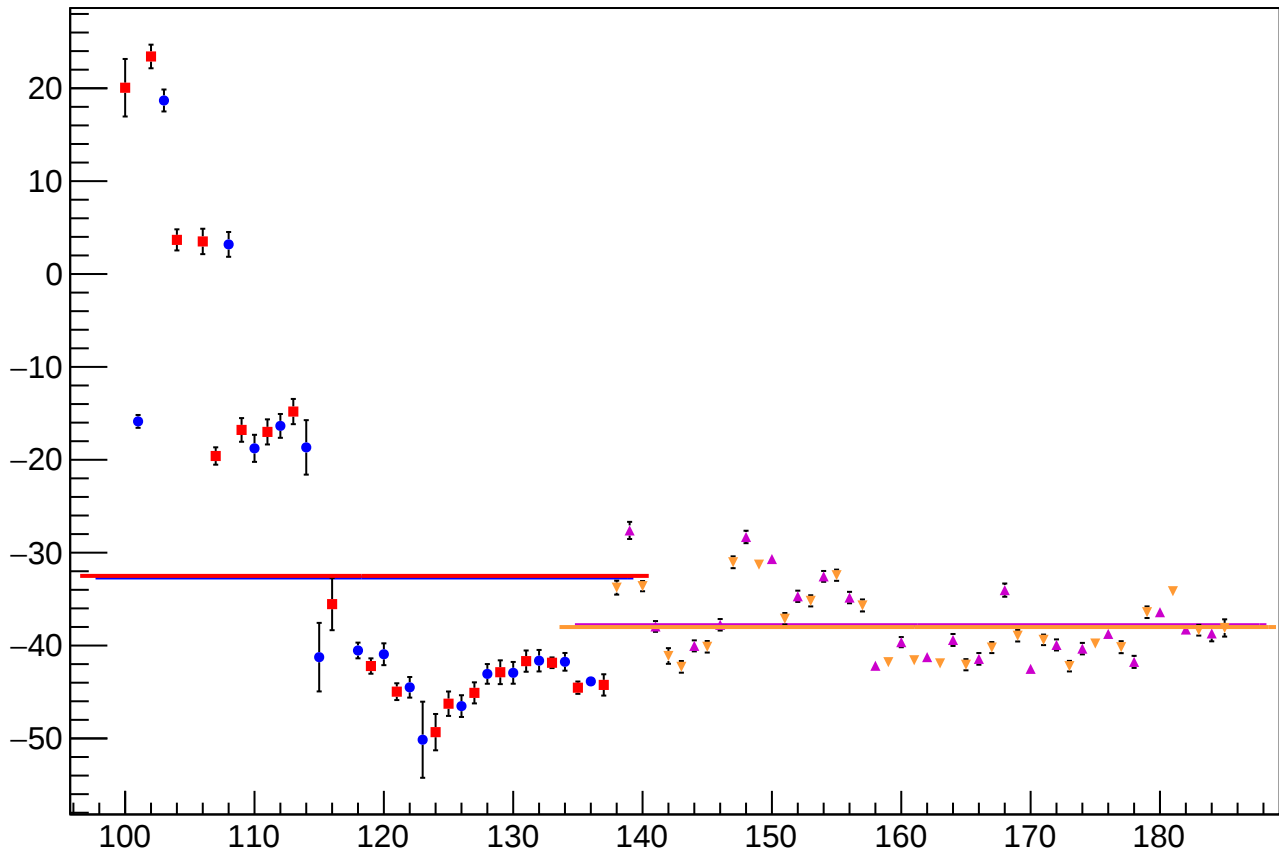
Left In: -10.456 ± 0.135 $\chi^2/\text{NDF}: 1002.7/22$

+ sign -8.940 ± 0.126 $\chi^2/\text{NDF}: 1924.8/41$

All: -8.990 ± 0.090 $\chi^2/\text{NDF}: 4017.6/83$

- sign -9.040 ± 0.127 $\chi^2/\text{NDF}: 2092.5/41$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.671 ± 0.256 $\chi^2/\text{NDF}: 4642.6/16$

Left Out: -38.009 ± 0.119 $\chi^2/\text{NDF}: 946.1/24$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6042.9/18$

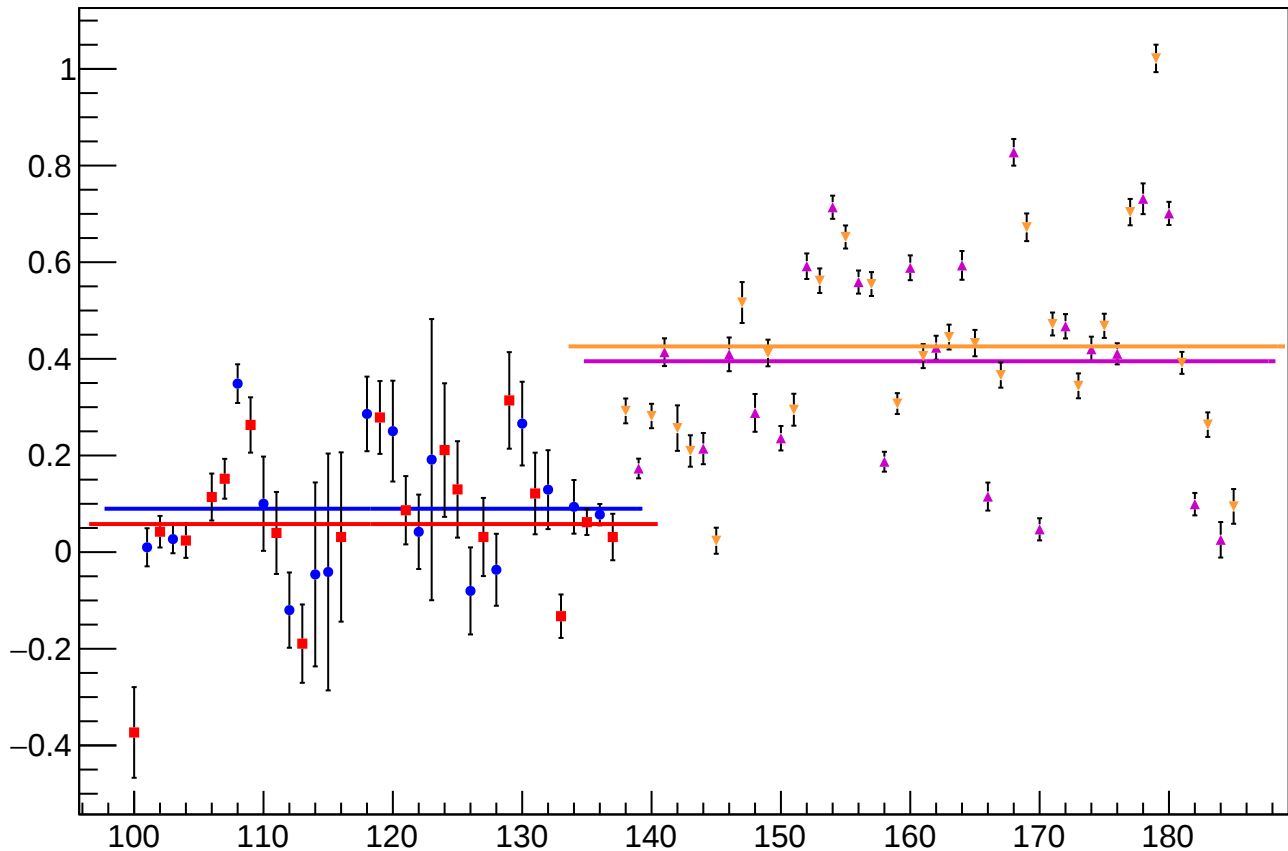
Left In: -37.809 ± 0.122 $\chi^2/\text{NDF}: 1039.9/22$

+ sign -37.064 ± 0.108 $\chi^2/\text{NDF}: 5946.4/41$

All: -36.907 ± 0.077 $\chi^2/\text{NDF}: 13411.0/83$

- sign -36.745 ± 0.109 $\chi^2/\text{NDF}: 7460.3/41$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.1/16

Left Out: 0.426 $\pm$ 0.005 χ^2 /NDF:1304.1/24

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.0/18

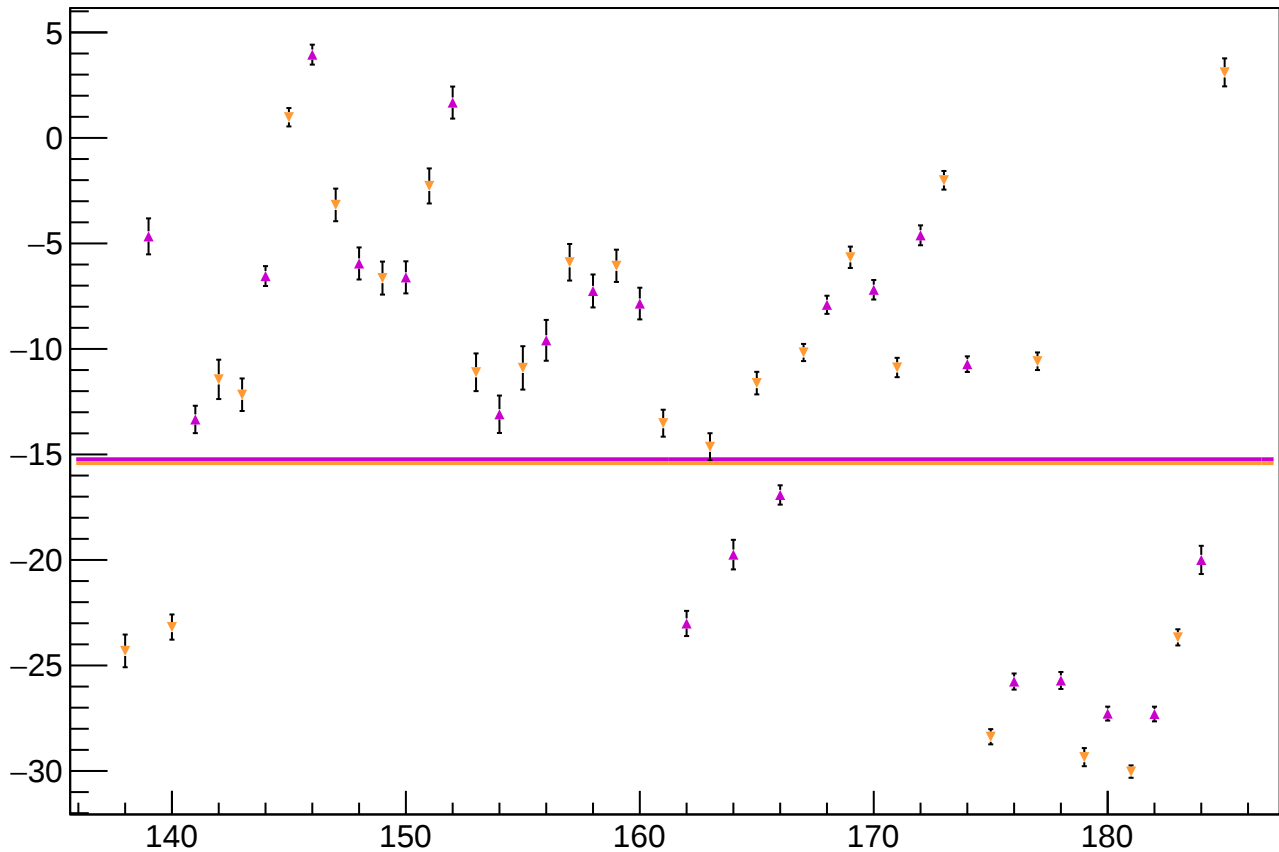
Left In: 0.395 $\pm$ 0.005 χ^2 /NDF:1798.2/22

+ sign 0.375 $\pm$ 0.005 χ^2 /NDF: 1972.6/41

All: 0.357 $\pm$ 0.004 χ^2 /NDF: 4522.9/83

- sign 0.339 $\pm$ 0.005 χ^2 /NDF: 2524.2/41

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.410+/-0.105 χ^2/NDF :10508.3/24

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

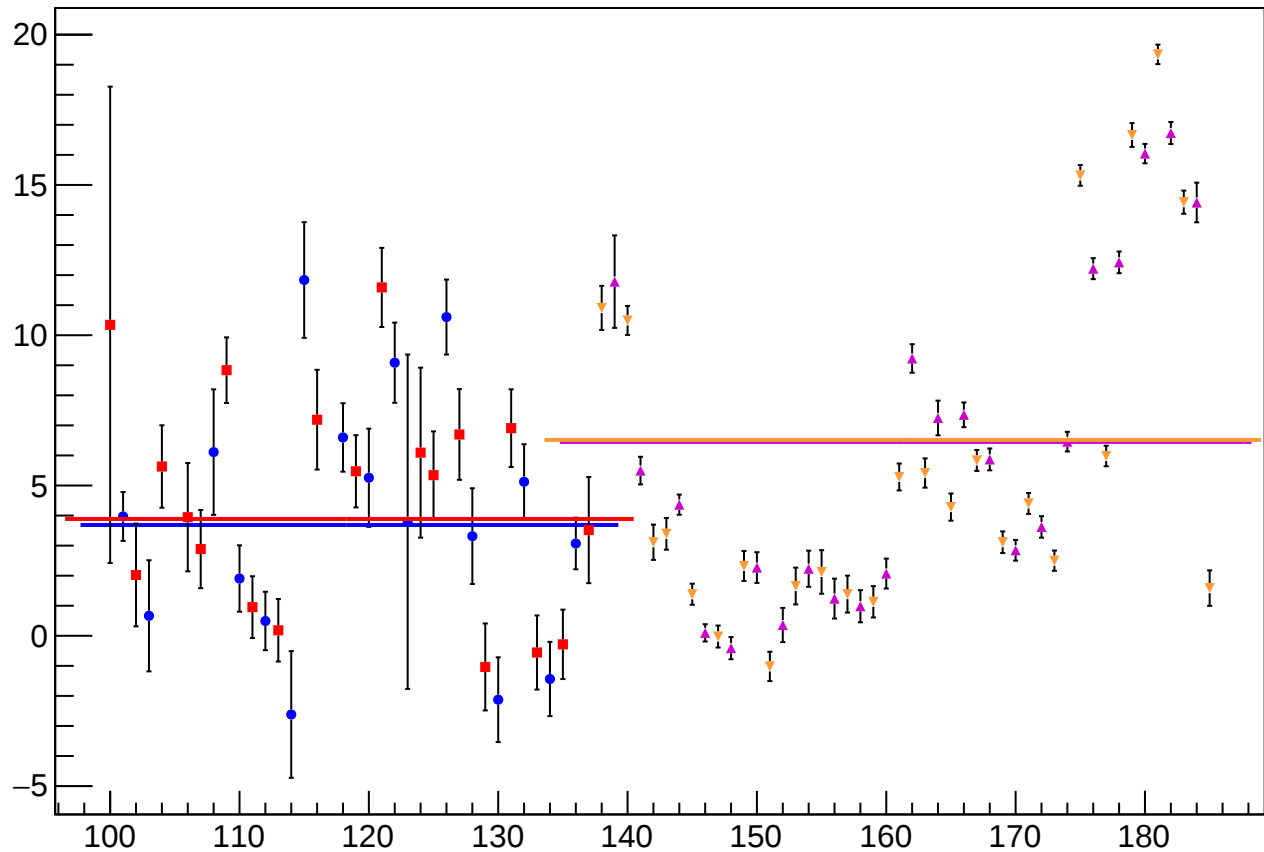
Left In: -15.229+/-0.107 χ^2/NDF :8657.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.321+/-0.075 χ^2/NDF : 19167.0/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.687 ± 0.311 $\chi^2/\text{NDF}: 135.1/16$

Left Out: 6.517 ± 0.085 $\chi^2/\text{NDF}: 4976.3/24$

Right Out: 3.887 ± 0.317 $\chi^2/\text{NDF}: 133.7/18$

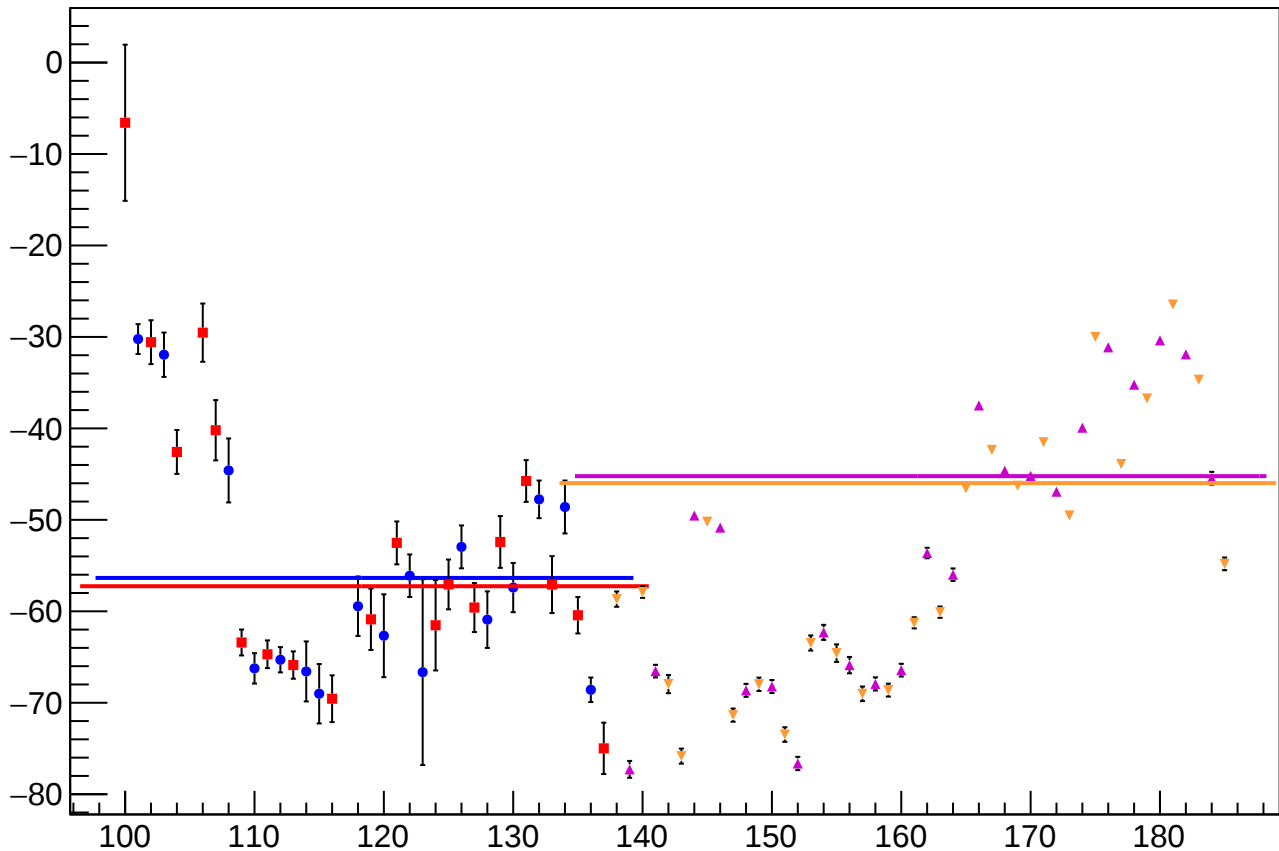
Left In: 6.452 ± 0.086 $\chi^2/\text{NDF}: 3948.0/22$

+ sign 6.318 ± 0.082 $\chi^2/\text{NDF}: 5188.4/41$

All: 6.297 ± 0.059 $\chi^2/\text{NDF}: 9331.4/83$

- sign 6.275 ± 0.083 $\chi^2/\text{NDF}: 4142.8/41$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.351 ± 0.544 χ^2/NDF : 587.4/16

Left Out: -45.984 ± 0.106 χ^2/NDF : 17361.4/24

Right Out: -57.256 ± 0.537 χ^2/NDF : 475.7/18

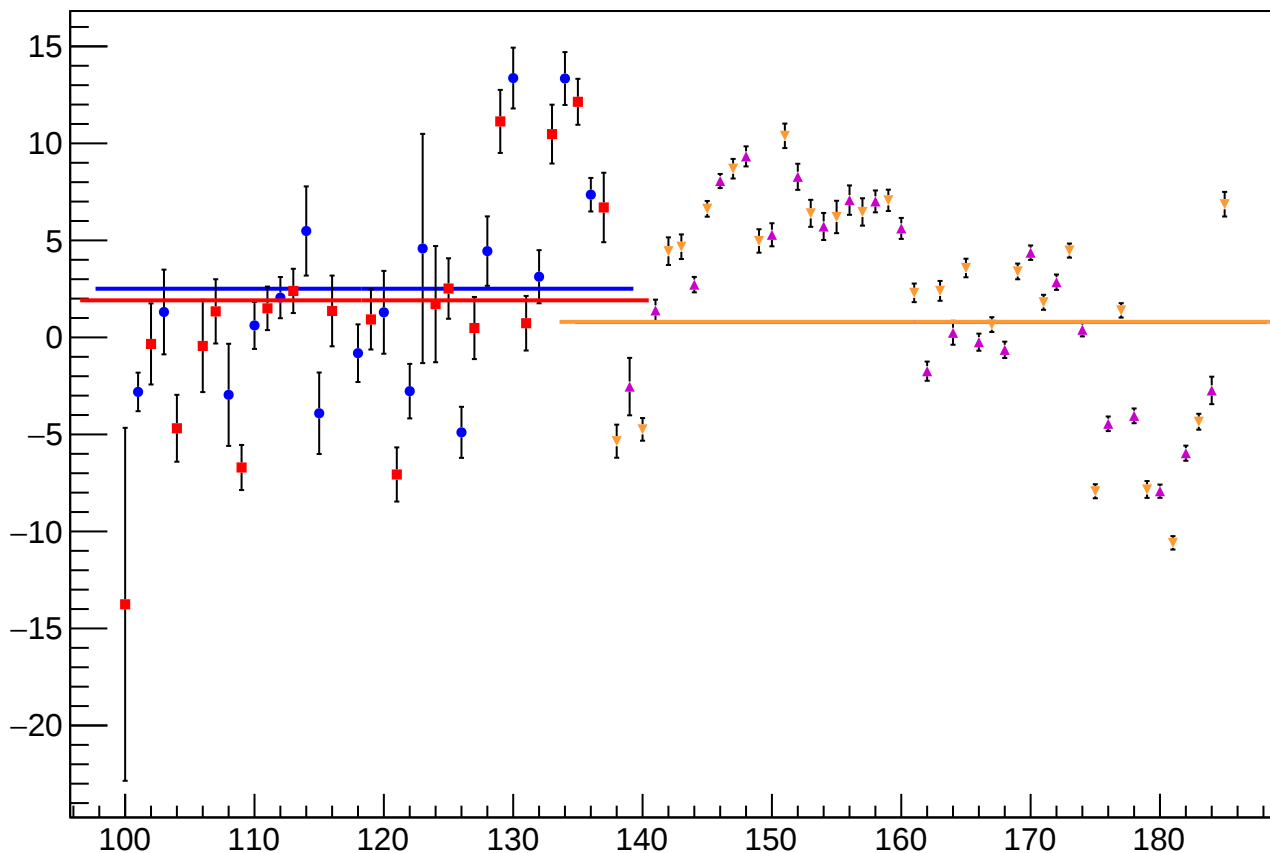
Left In: -45.222 ± 0.107 χ^2/NDF : 15600.2/22

+ sign -46.364 ± 0.104 χ^2/NDF : 18298.3/41

All: -46.026 ± 0.074 χ^2/NDF : 34878.5/83

- sign -45.683 ± 0.105 χ^2/NDF : 16559.1/41

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.509 ± 0.348 χ^2/NDF : 242.2/16

Left Out: 0.803 ± 0.096 χ^2/NDF : 3754.2/24

Right Out: 1.911 ± 0.356 χ^2/NDF : 264.6/18

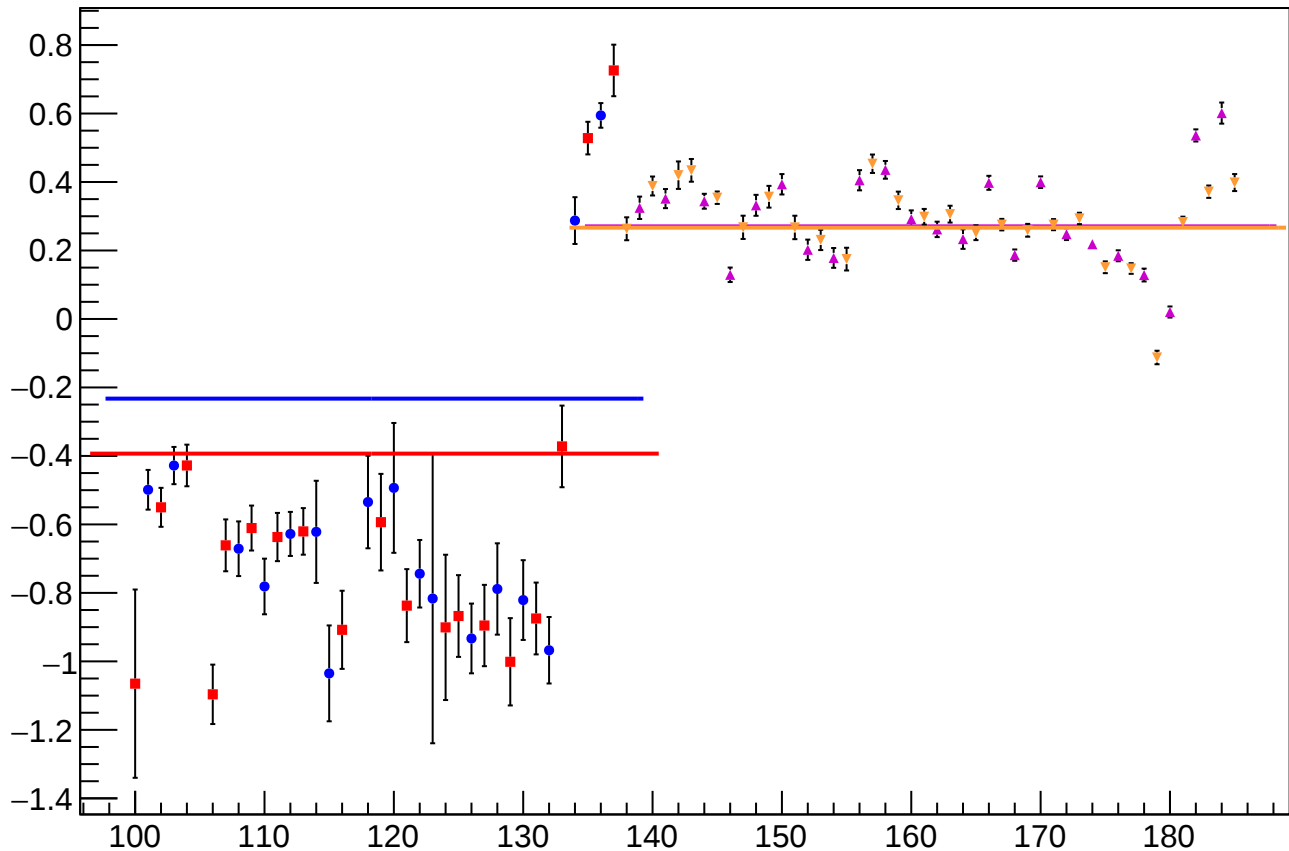
Left In: 0.792 ± 0.097 χ^2/NDF : 2692.5/22

+ sign 0.923 ± 0.092 χ^2/NDF : 4018.8/41

All: 0.896 ± 0.066 χ^2/NDF : 6985.3/83

- sign 0.869 ± 0.093 χ^2/NDF : 2966.3/41

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.233 ± 0.019 χ^2/NDF : 957.0/16

Left Out: 0.267 ± 0.004 χ^2/NDF : 700.4/24

Right Out: -0.393 ± 0.019 χ^2/NDF : 844.6/18

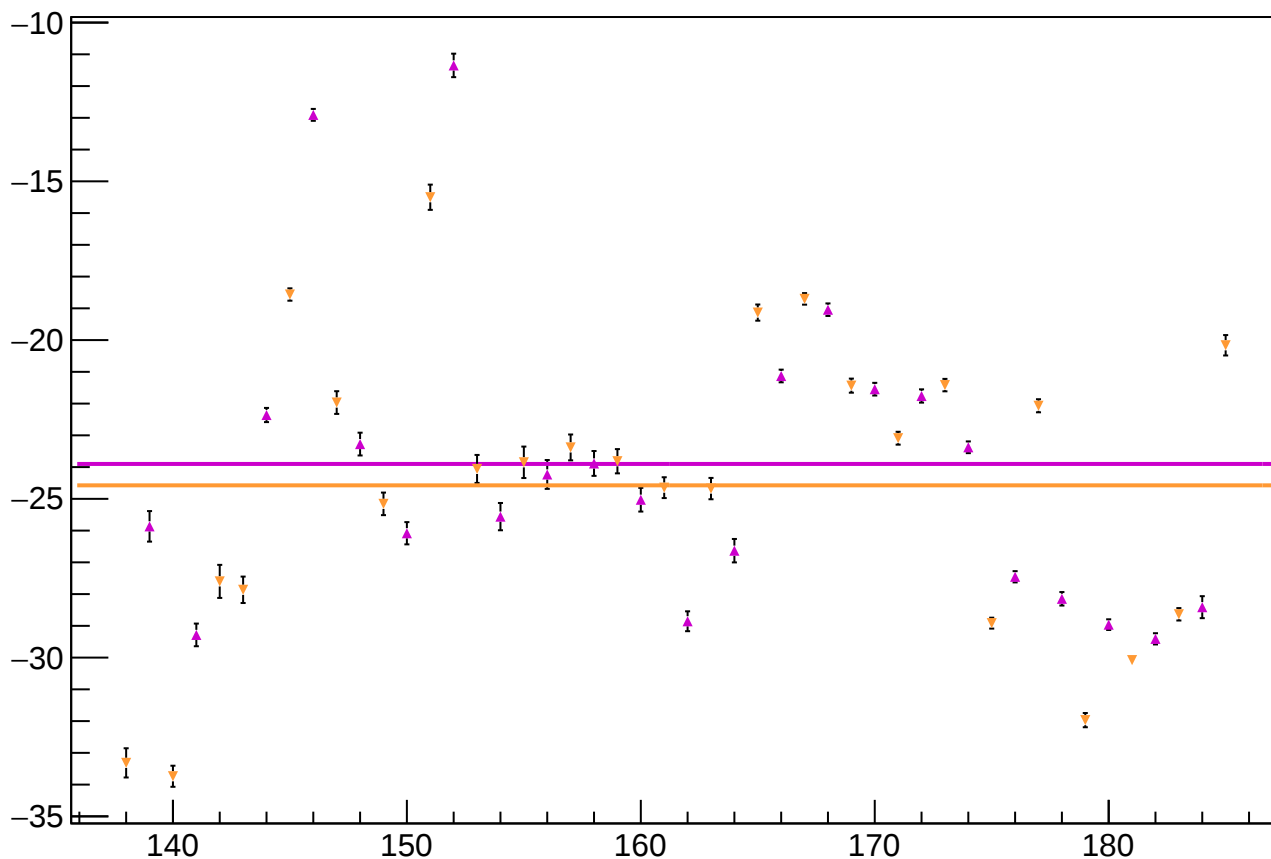
Left In: 0.270 ± 0.004 χ^2/NDF : 969.9/22

+ sign 0.241 ± 0.004 χ^2/NDF : 2318.3/41

All: 0.239 ± 0.003 χ^2/NDF : 5290.0/83

- sign 0.236 ± 0.004 χ^2/NDF : 2971.0/41

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -24.575 $\pm$ 0.051 χ^2 /NDF: 8585.1/24

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

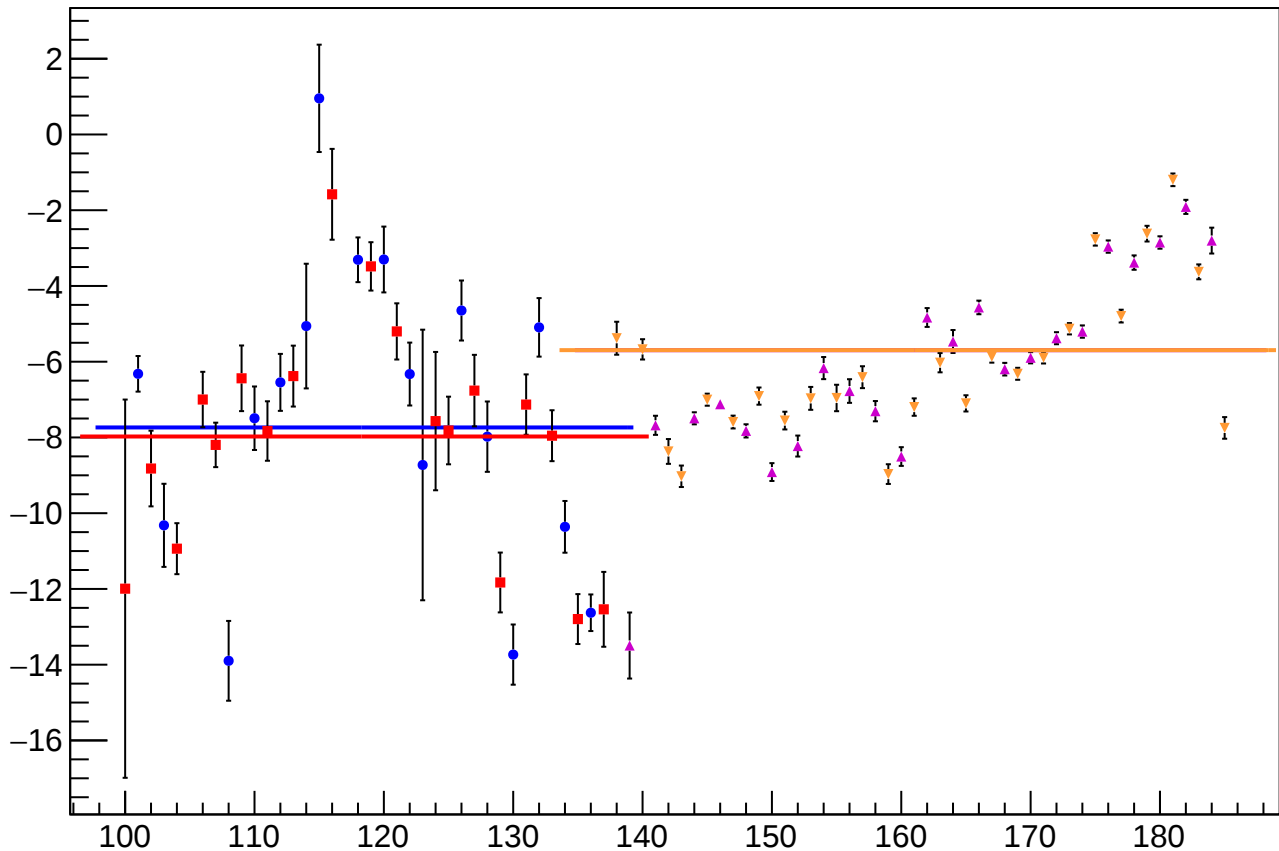
Left In: -23.901 $\pm$ 0.051 χ^2 /NDF: 9154.9/22

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

All: -24.239 $\pm$ 0.036 χ^2 /NDF: 17827.2/47

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

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.736 ± 0.187 χ^2/NDF : 378.1/16

Left Out: -5.695 ± 0.041 χ^2/NDF : 2256.6/24

Right Out: -7.975 ± 0.186 χ^2/NDF : 223.2/18

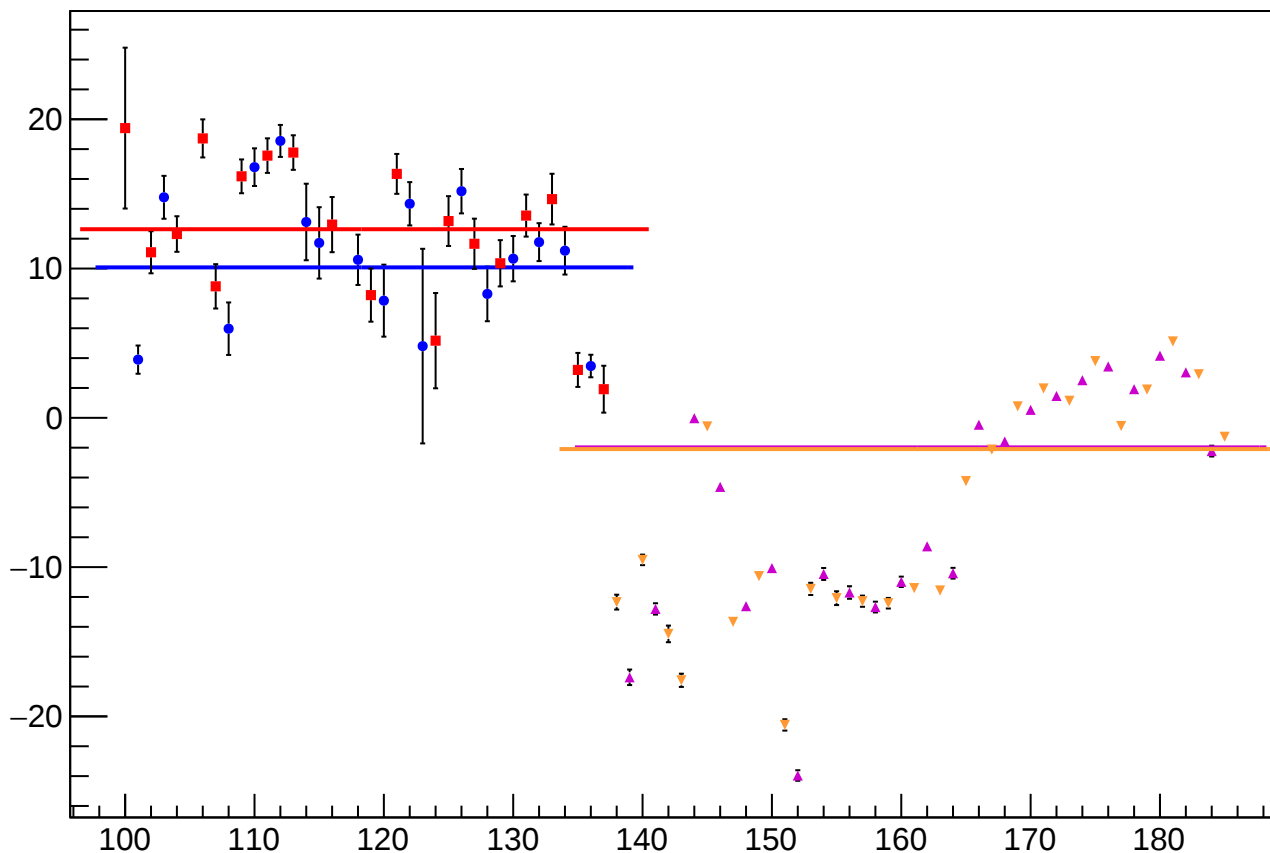
Left In: -5.696 ± 0.041 χ^2/NDF : 2309.8/22

+ sign -5.789 ± 0.040 χ^2/NDF : 2747.8/41

All: -5.795 ± 0.028 χ^2/NDF : 5423.9/83

- sign -5.801 ± 0.040 χ^2/NDF : 2676.0/41

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.078 ± 0.339 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -2.094 ± 0.051 $\chi^2/\text{NDF}: 16301.9/24$

Right Out: 12.634 ± 0.333 $\chi^2/\text{NDF}: 218.7/18$

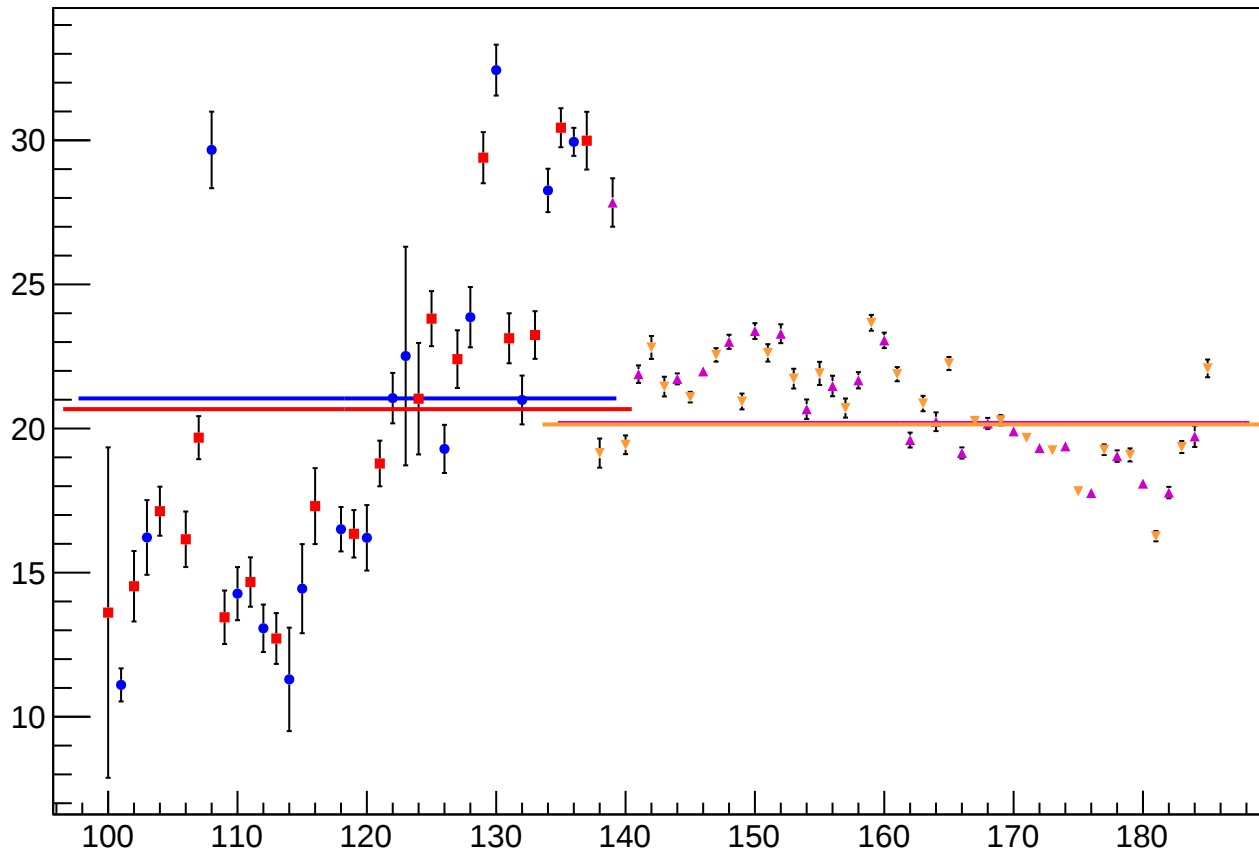
Left In: -1.980 ± 0.051 $\chi^2/\text{NDF}: 15382.3/22$

+ sign -1.819 ± 0.051 $\chi^2/\text{NDF}: 17819.0/41$

All: -1.731 ± 0.036 $\chi^2/\text{NDF}: 35305.4/83$

- sign -1.642 ± 0.051 $\chi^2/\text{NDF}: 17480.3/41$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 21.045 $\pm$ 0.211 χ^2 /NDF: 1209.4/16

Left Out: 20.142 $\pm$ 0.046 χ^2 /NDF: 1418.5/24

Right Out: 20.674 $\pm$ 0.213 χ^2 /NDF: 721.7/18

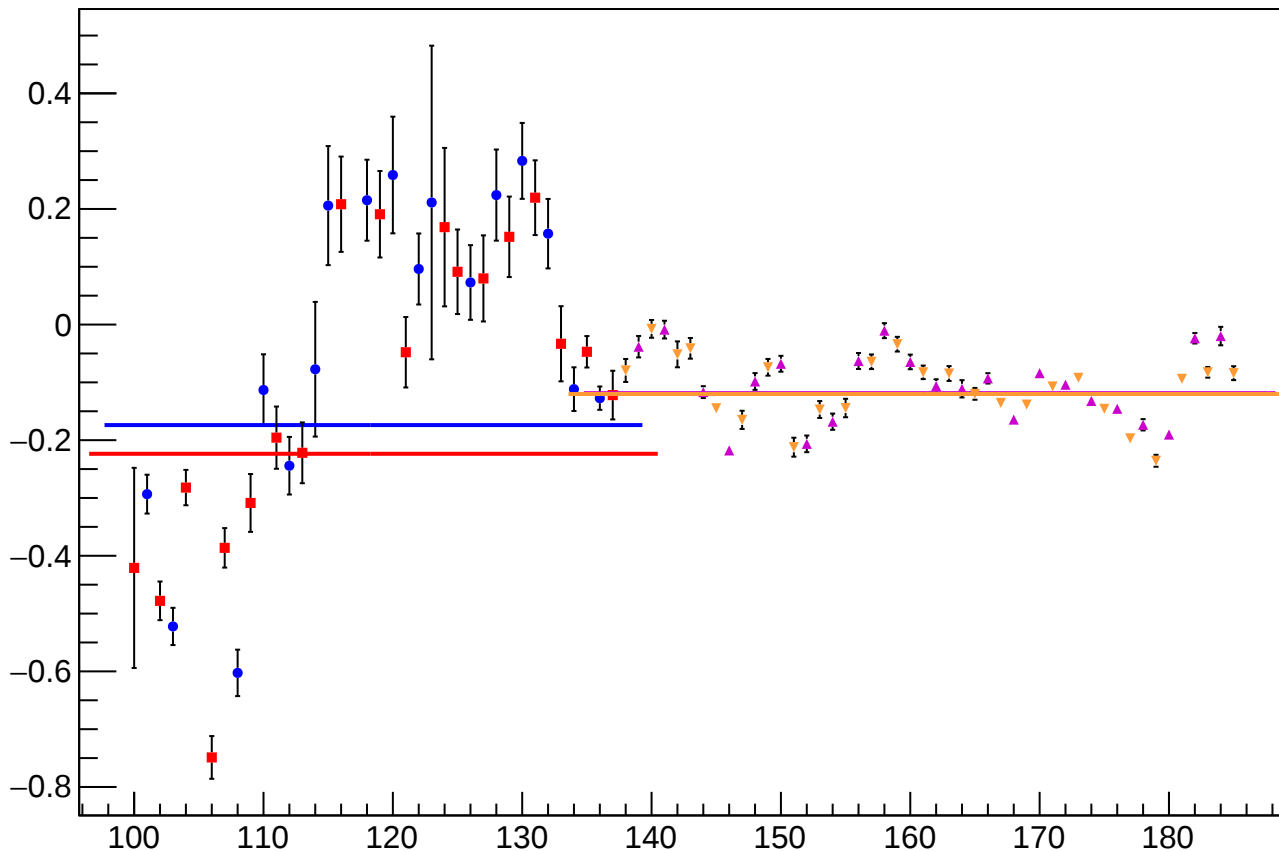
Left In: 20.194 $\pm$ 0.046 χ^2 /NDF: 1447.4/22

+ sign 20.183 $\pm$ 0.045 χ^2 /NDF: 2645.4/41

All: 20.199 $\pm$ 0.032 χ^2 /NDF: 4819.5/83

- sign 20.215 $\pm$ 0.045 χ^2 /NDF: 2173.9/41

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.174 ± 0.011 χ^2/NDF : 458.2/16

Left Out: -0.120 ± 0.002 χ^2/NDF : 530.2/24

Right Out: -0.224 ± 0.011 χ^2/NDF : 533.0/18

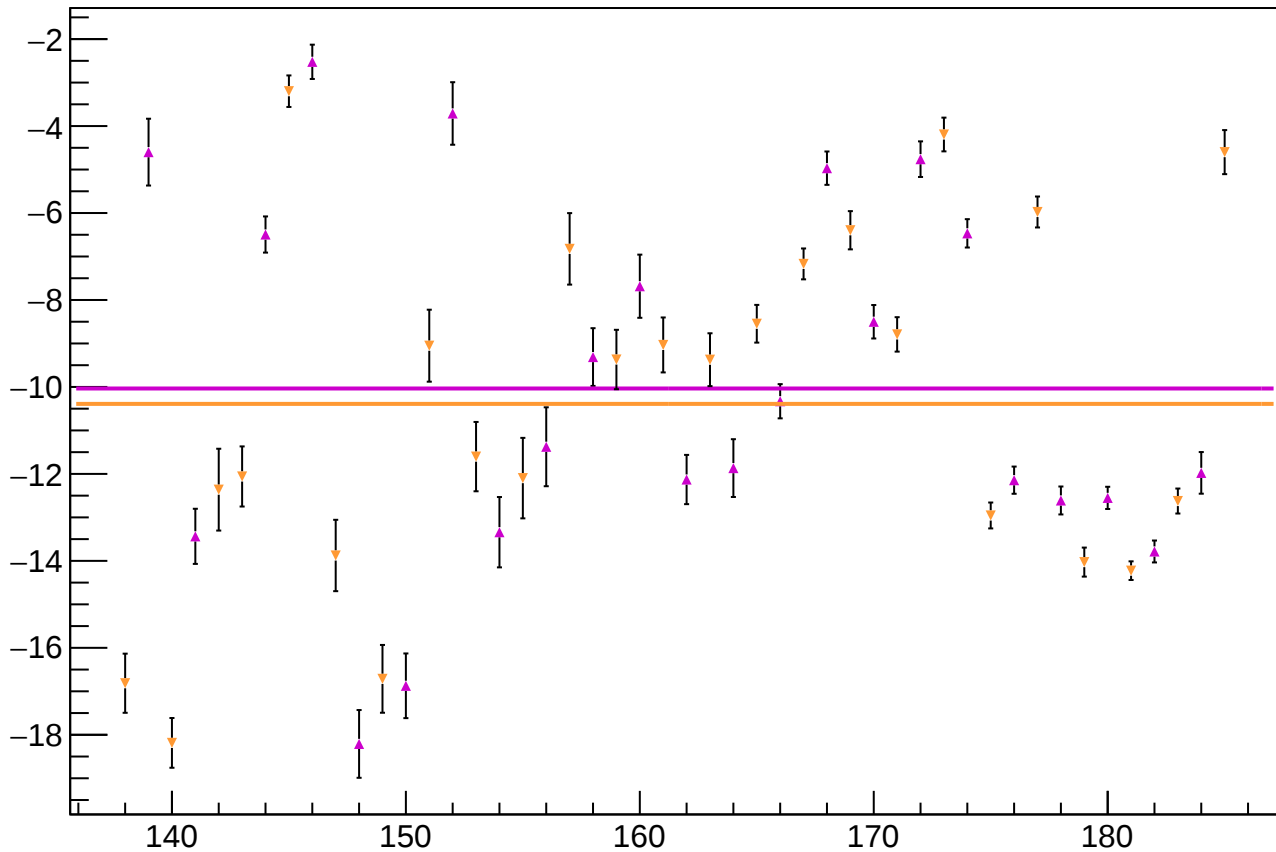
Left In: -0.119 ± 0.002 χ^2/NDF : 721.8/22

+ sign -0.122 ± 0.002 χ^2/NDF : 1010.6/41

All: -0.122 ± 0.001 χ^2/NDF : 2353.5/83

- sign -0.122 ± 0.002 χ^2/NDF : 1342.9/41

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.390+/-0.088 χ^2/NDF : 2111.3/24

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

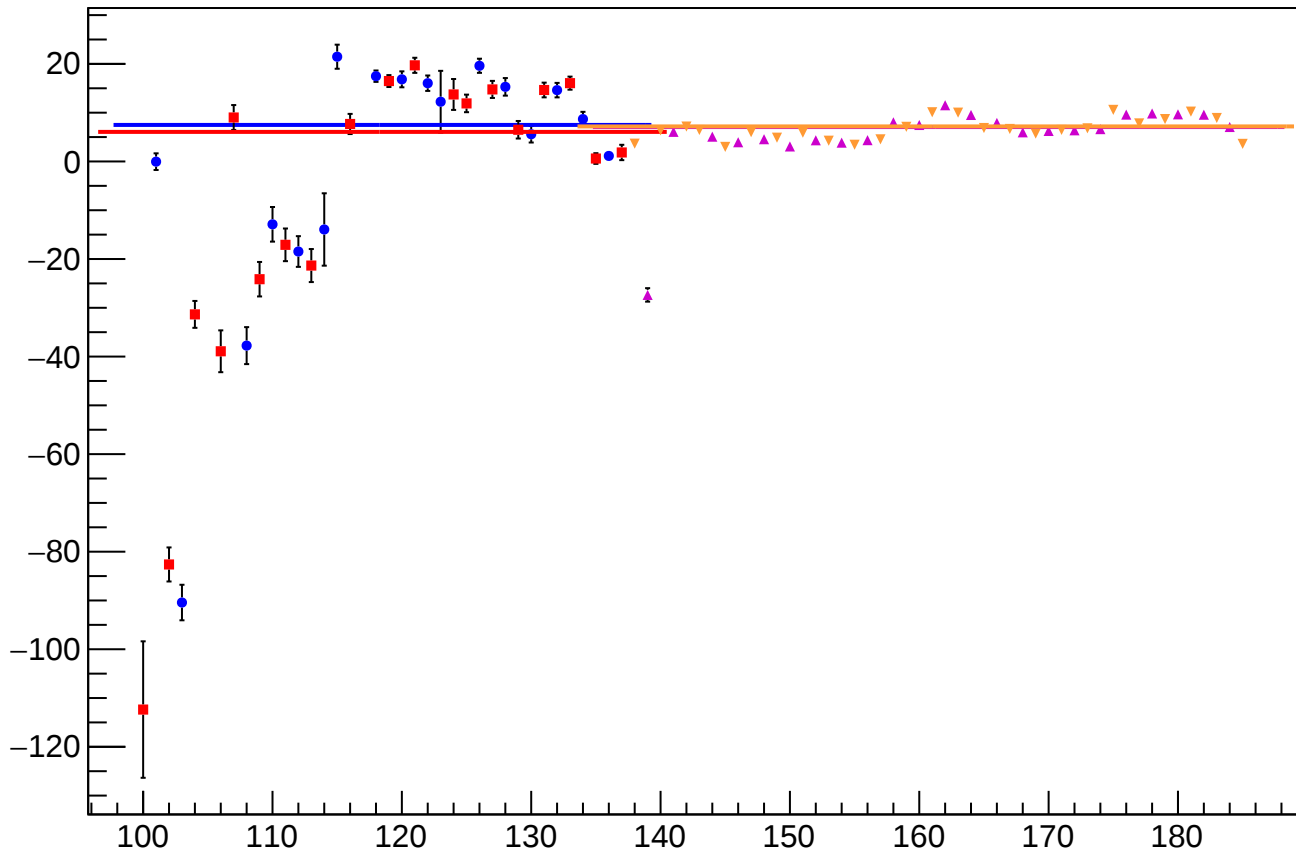
Left In: -10.036+/-0.090 χ^2/NDF : 1758.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.216+/-0.063 χ^2/NDF : 3877.9/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.489 ± 0.407 χ^2/NDF : 1340.6/16

Left Out: 7.183 ± 0.073 χ^2/NDF : 917.0/24

Right Out: 6.061 ± 0.435 χ^2/NDF : 1511.9/18

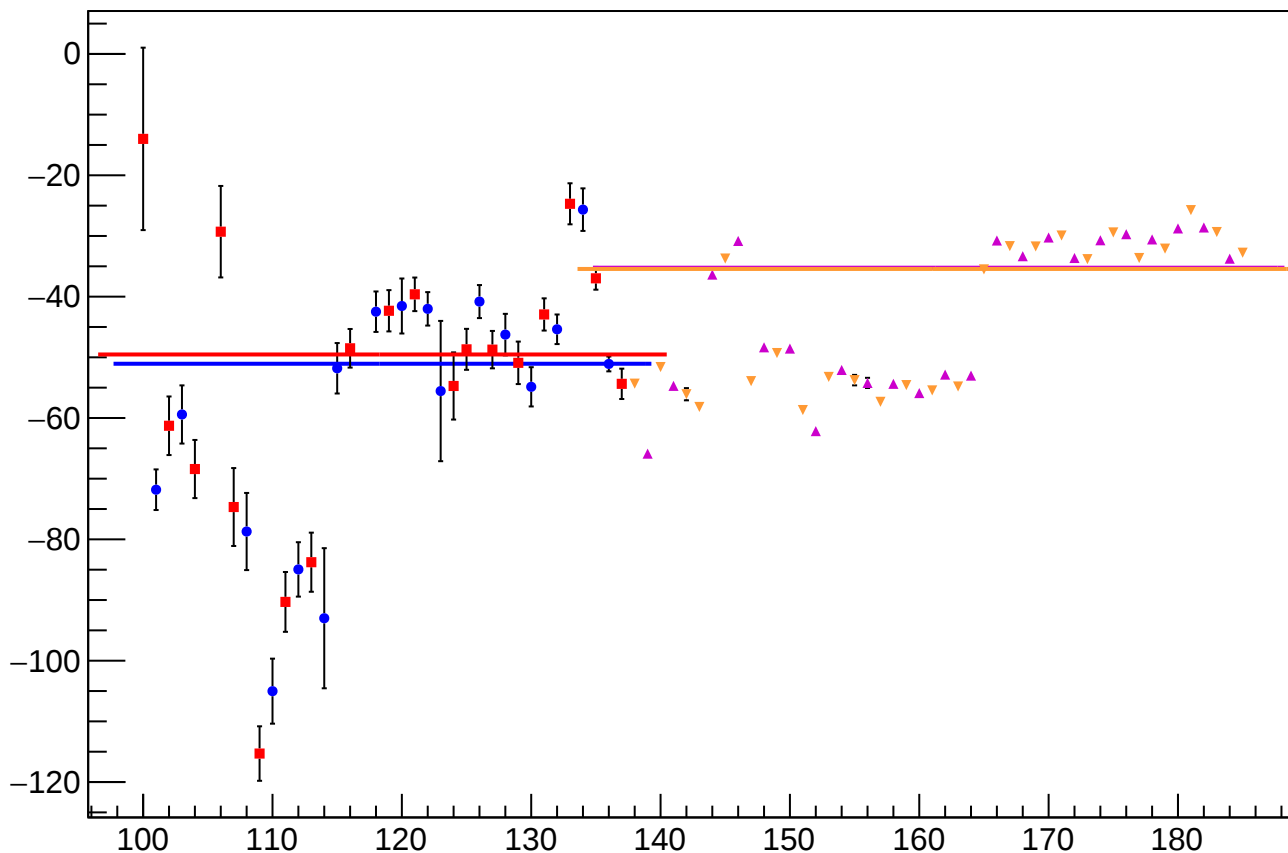
Left In: 7.053 ± 0.074 χ^2/NDF : 1535.8/22

+ sign 7.193 ± 0.072 χ^2/NDF : 2258.1/41

All: 7.110 ± 0.051 χ^2/NDF : 5313.6/83

- sign 7.025 ± 0.073 χ^2/NDF : 3052.8/41

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.060 ± 0.742 χ^2/NDF : 329.6/16

Left Out: -35.435 ± 0.089 χ^2/NDF : 12783.6/24

Right Out: -49.531 ± 0.800 χ^2/NDF : 509.2/18

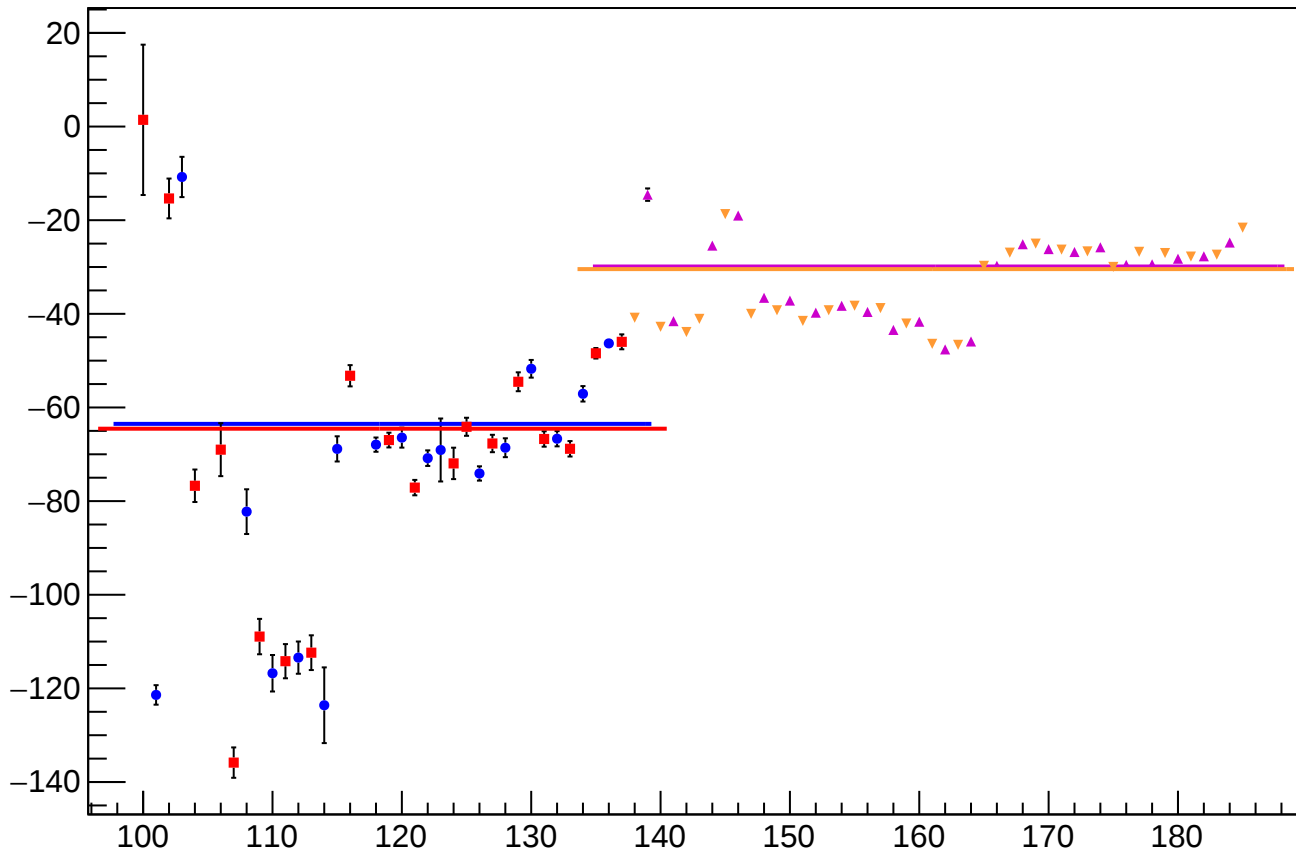
Left In: -35.229 ± 0.090 χ^2/NDF : 11602.9/22

+ sign -35.657 ± 0.088 χ^2/NDF : 13550.6/41

All: -35.534 ± 0.063 χ^2/NDF : 25982.2/83

- sign -35.408 ± 0.090 χ^2/NDF : 12427.7/41

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.501 ± 0.449 χ^2/NDF : 2006.3/16

Left Out: -30.448 ± 0.082 χ^2/NDF : 8168.5/24

Right Out: -64.533 ± 0.484 χ^2/NDF : 1604.2/18

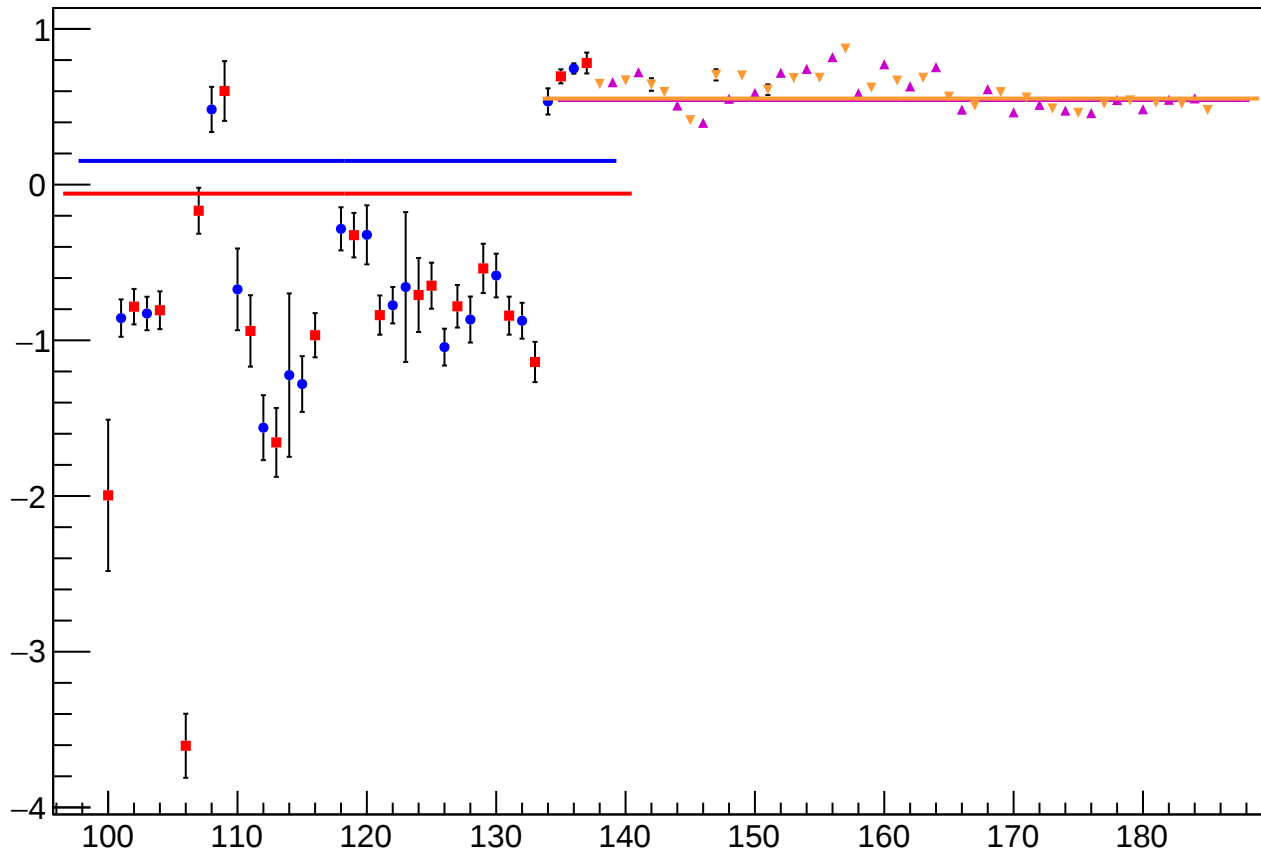
Left In: -29.892 ± 0.083 χ^2/NDF : 7115.0/22

+ sign -31.501 ± 0.080 χ^2/NDF : 15416.1/41

All: -31.192 ± 0.057 χ^2/NDF : 29146.6/83

- sign -30.873 ± 0.081 χ^2/NDF : 13700.2/41

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 $\pm$ 0.024 χ^2 /NDF: 987.4/16

Left Out: 0.553 $\pm$ 0.004 χ^2 /NDF: 542.1/24

Right Out: -0.058 $\pm$ 0.026 χ^2 /NDF: 1160.4/18

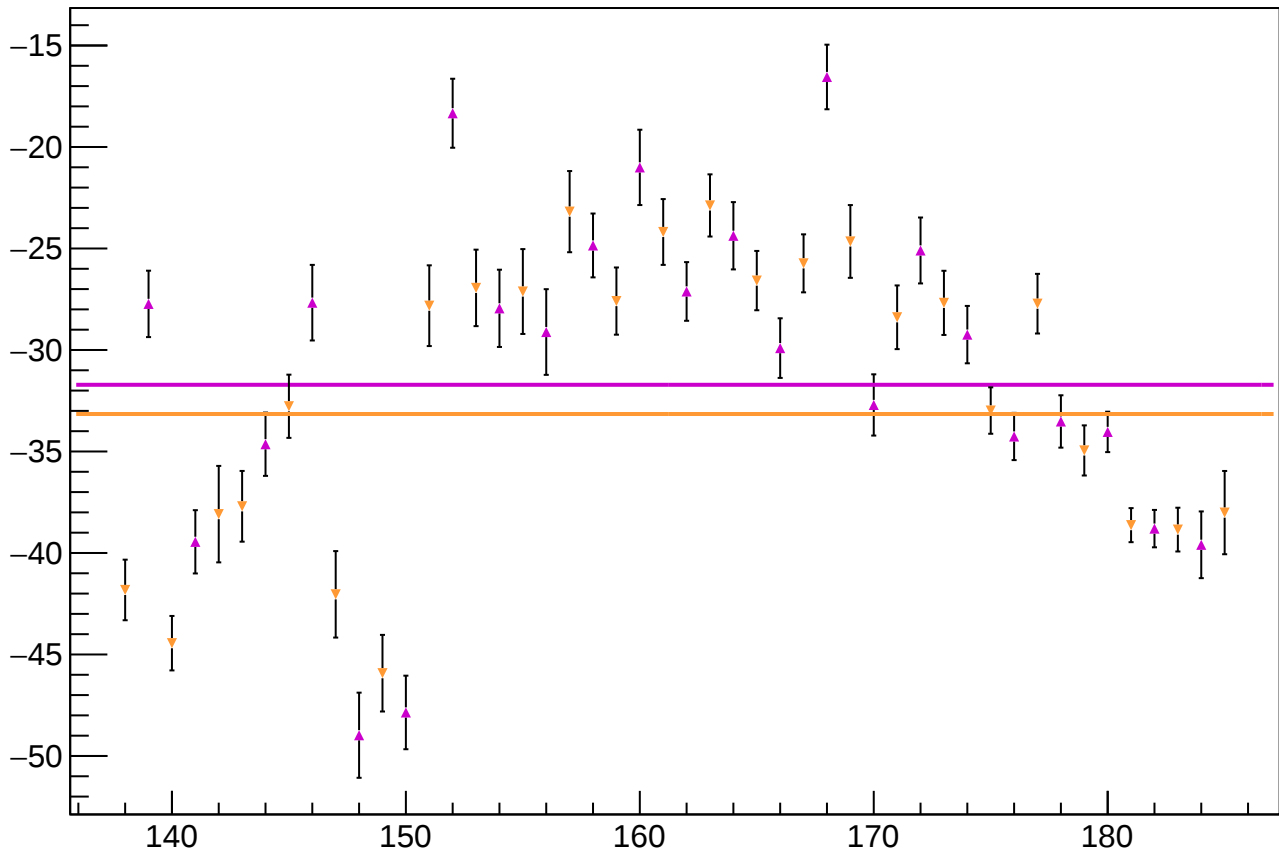
Left In: 0.544 $\pm$ 0.004 χ^2 /NDF: 655.9/22

+ sign 0.544 $\pm$ 0.004 χ^2 /NDF: 1800.3/41

All: 0.538 $\pm$ 0.003 χ^2 /NDF: 4133.4/83

- sign 0.532 $\pm$ 0.004 χ^2 /NDF: 2327.8/41

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -33.154 $\pm$ 0.300 χ^2 /NDF:499.9/24

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

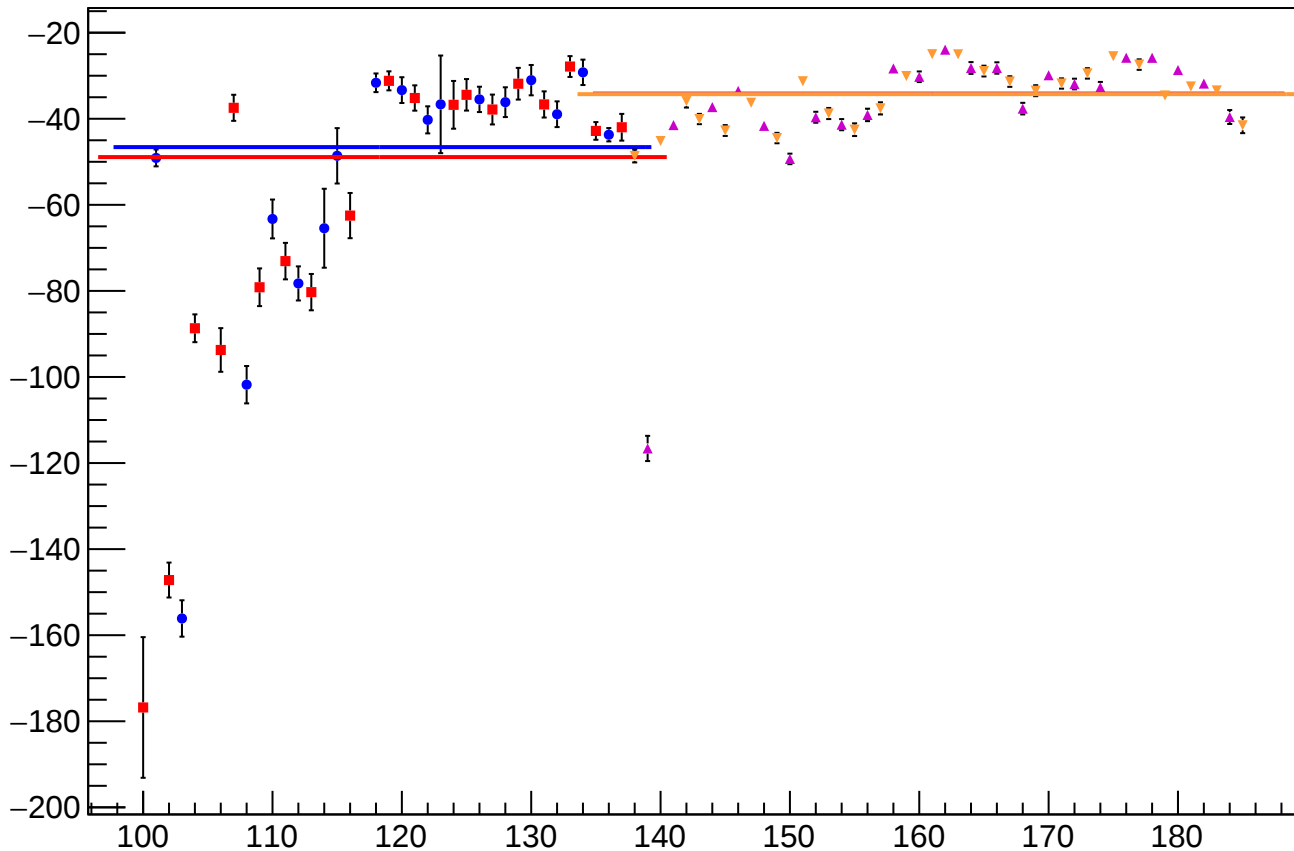
Left In: -31.714 $\pm$ 0.309 χ^2 /NDF:542.3/22

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

All: -32.454 $\pm$ 0.215 χ^2 /NDF: 1053.3/47

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

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.587 ± 0.730 χ^2/NDF : 1076.0/16

Left Out: -34.285 ± 0.241 χ^2/NDF : 695.4/24

Right Out: -48.904 ± 0.764 χ^2/NDF : 1277.6/18

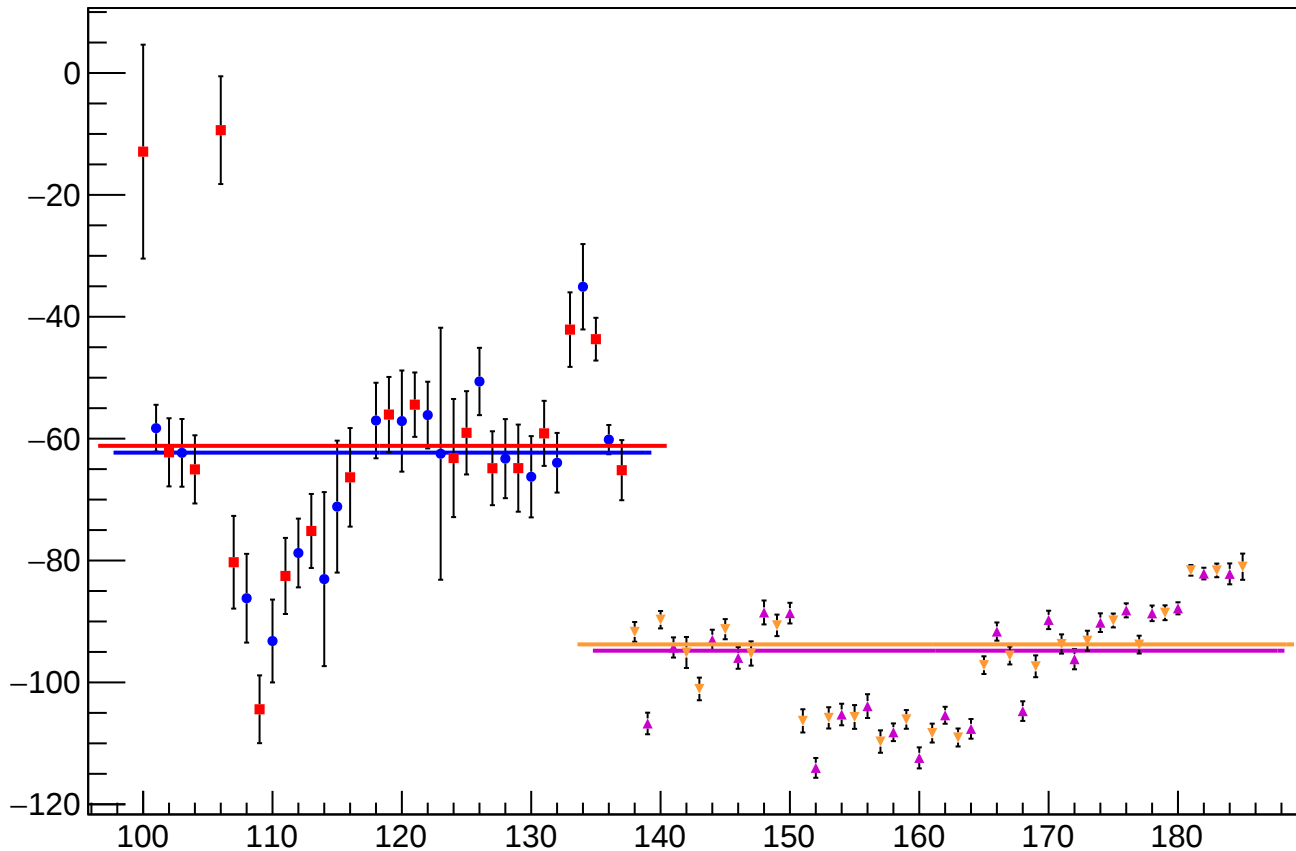
Left In: -34.145 ± 0.251 χ^2/NDF : 1452.6/22

+ sign -35.497 ± 0.229 χ^2/NDF : 2027.1/41

All: -35.536 ± 0.165 χ^2/NDF : 5093.9/83

- sign -35.579 ± 0.238 χ^2/NDF : 3066.8/41

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.294 ± 1.317 $\chi^2/\text{NDF}: 67.1/16$

Left Out: -93.760 ± 0.302 $\chi^2/\text{NDF}: 882.3/24$

Right Out: -61.180 ± 1.383 $\chi^2/\text{NDF}: 165.0/18$

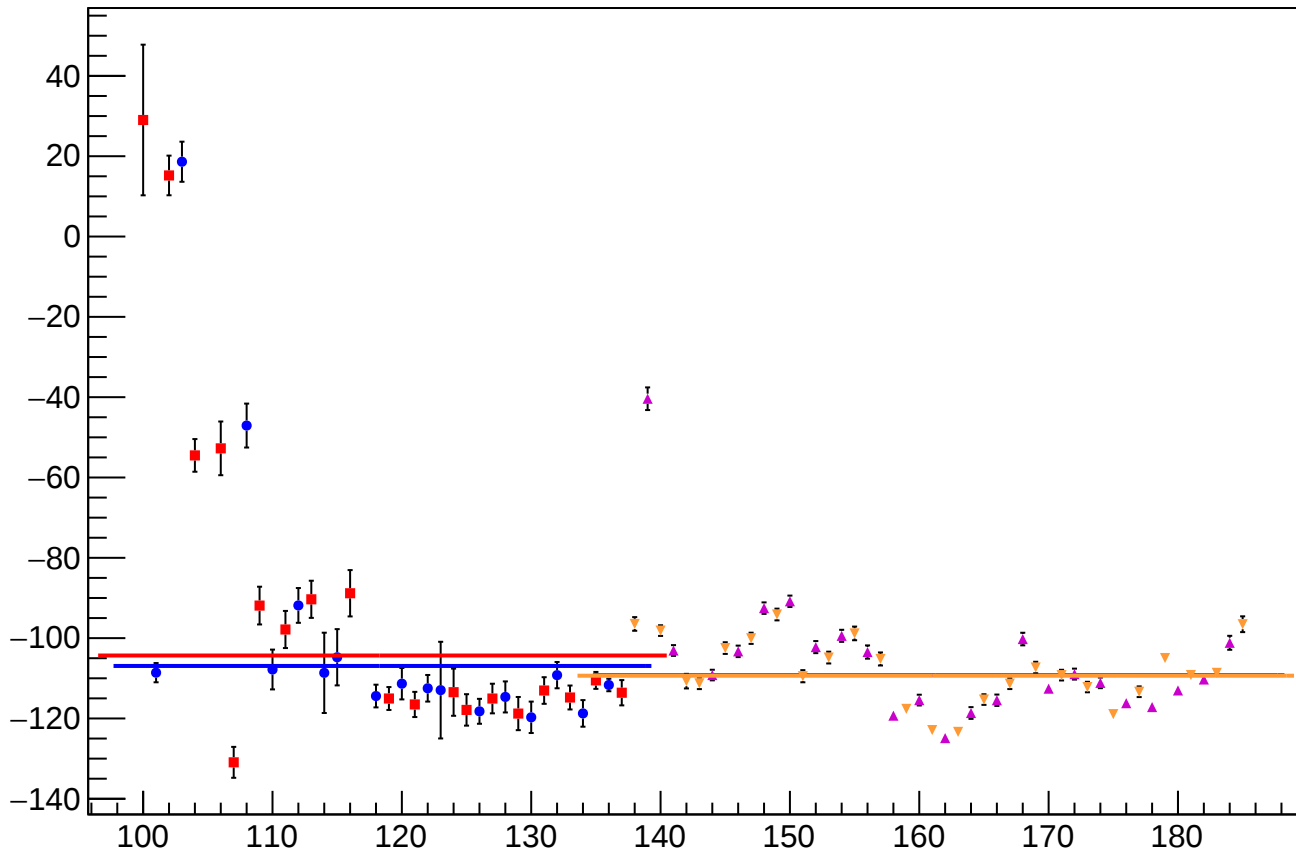
Left In: -94.796 ± 0.308 $\chi^2/\text{NDF}: 974.7/22$

+ sign -92.190 ± 0.294 $\chi^2/\text{NDF}: 1491.6/41$

All: -92.685 ± 0.210 $\chi^2/\text{NDF}: 3199.8/83$

- sign -93.203 ± 0.301 $\chi^2/\text{NDF}: 1702.5/41$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -106.926 ± 0.818 χ^2/NDF : 826.7/16

Left Out: -109.354 ± 0.271 χ^2/NDF : 826.8/24

Right Out: -104.324 ± 0.863 χ^2/NDF : 1020.5/18

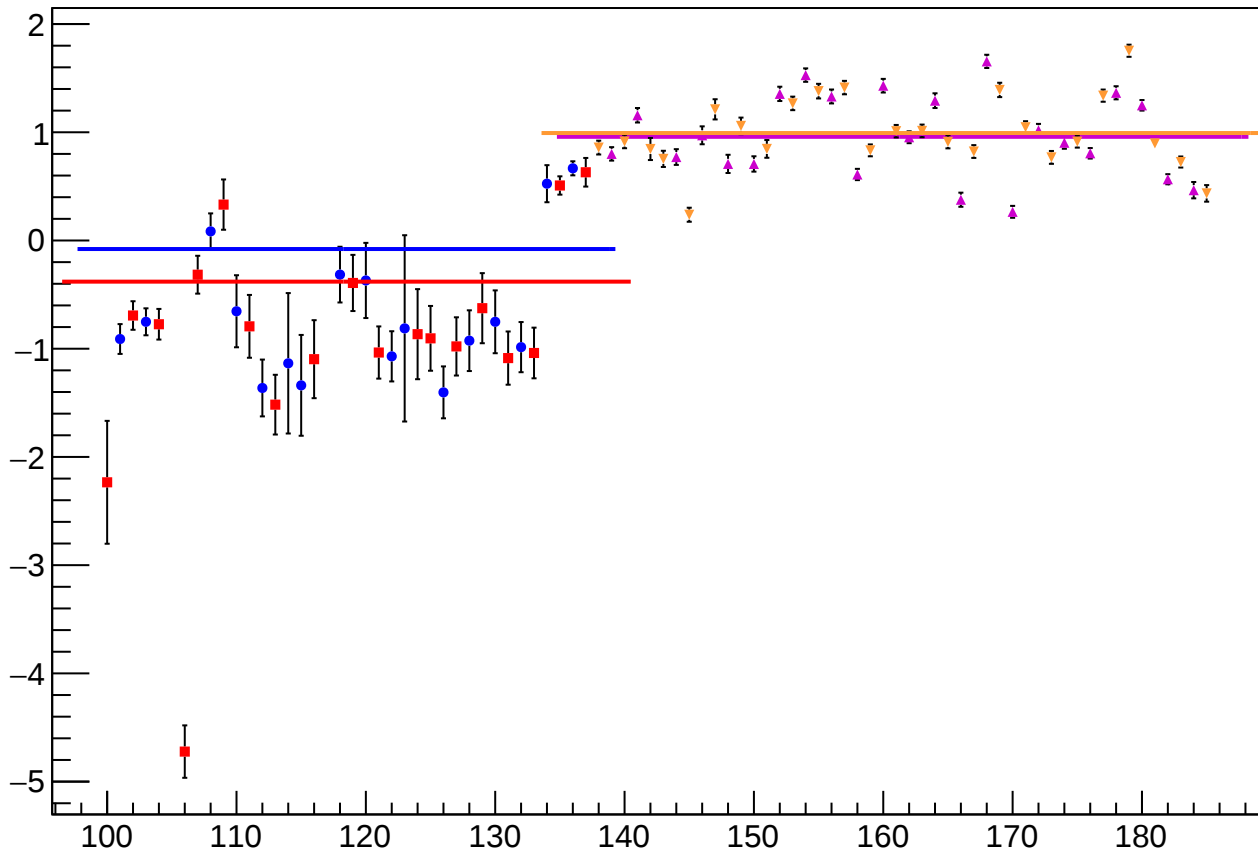
Left In: -109.184 ± 0.280 χ^2/NDF : 1501.1/22

+ sign -109.114 ± 0.257 χ^2/NDF : 1661.4/41

All: -108.924 ± 0.185 χ^2/NDF : 4212.9/83

- sign -108.721 ± 0.266 χ^2/NDF : 2550.3/41

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.079 ± 0.042 χ^2/NDF : 328.6/16

Left Out: 0.993 ± 0.012 χ^2/NDF : 639.0/24

Right Out: -0.380 ± 0.044 χ^2/NDF : 580.2/18

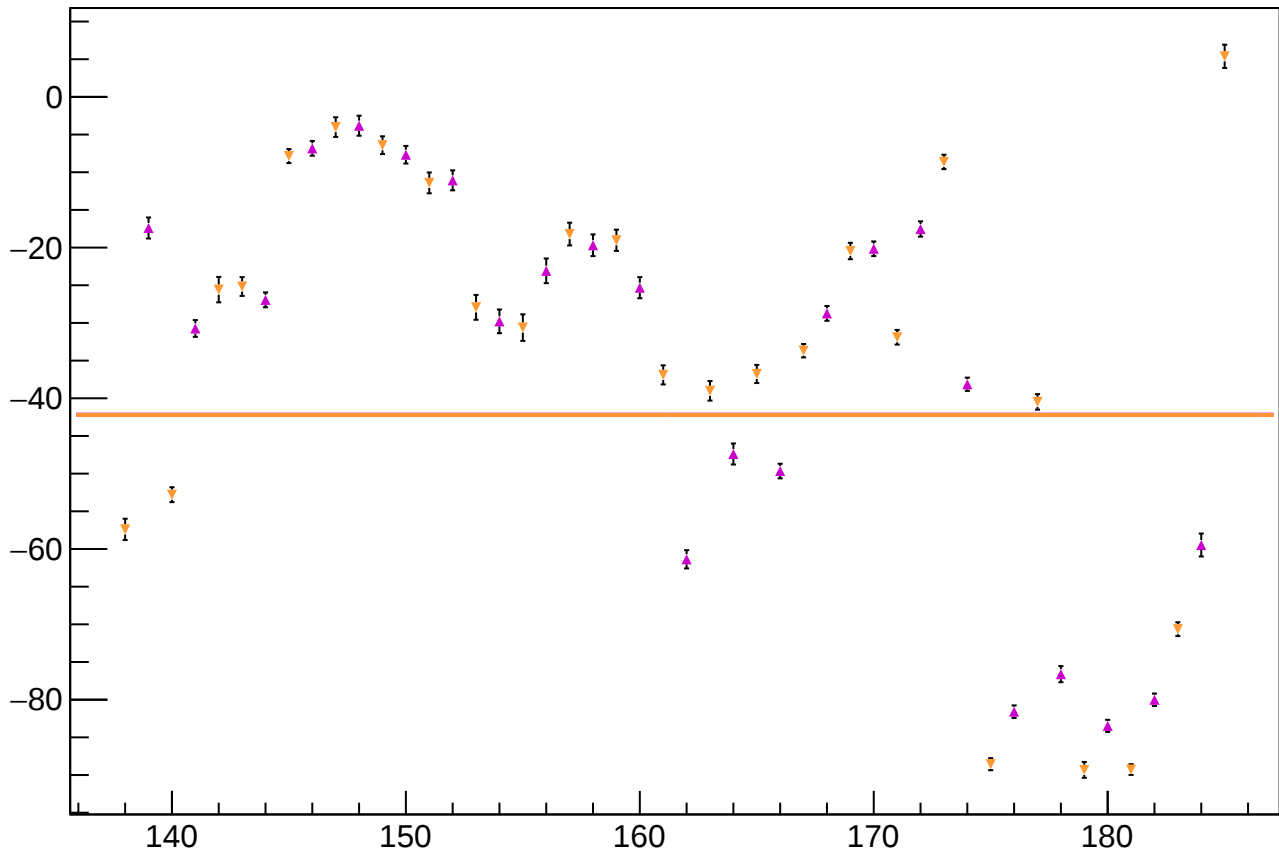
Left In: 0.958 ± 0.013 χ^2/NDF : 894.5/22

+ sign 0.908 ± 0.012 χ^2/NDF : 1558.8/41

All: 0.882 ± 0.009 χ^2/NDF : 3895.4/83

- sign 0.856 ± 0.012 χ^2/NDF : 2327.2/41

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -42.205+/-0.222 χ^2/NDF :18306.0/24

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

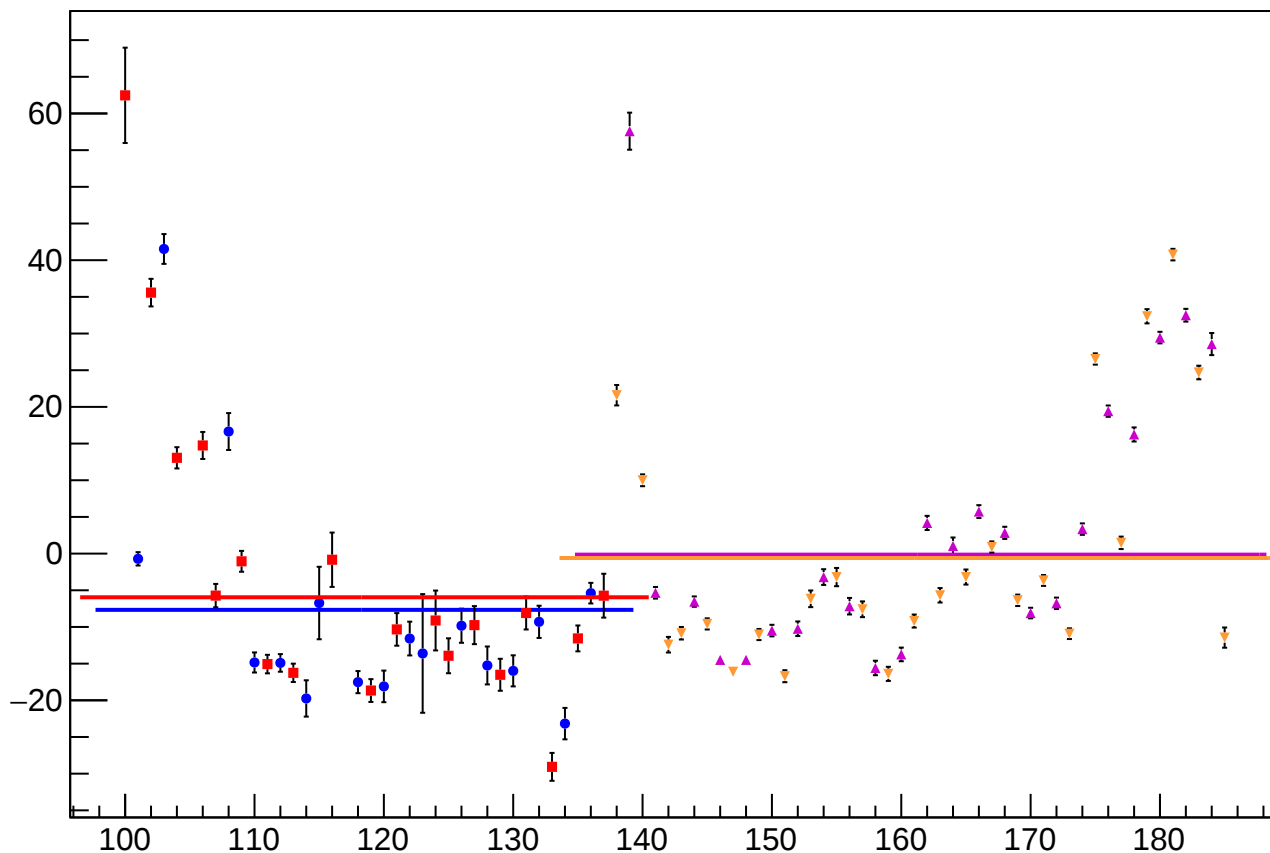
Left In: -42.176+/-0.227 χ^2/NDF :14575.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.191+/-0.159 χ^2/NDF : 32881.9/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.668 ± 0.431 χ^2/NDF : 975.9/16

Left Out: -0.601 ± 0.174 χ^2/NDF : 8734.2/24

Right Out: -5.954 ± 0.429 χ^2/NDF : 1298.5/18

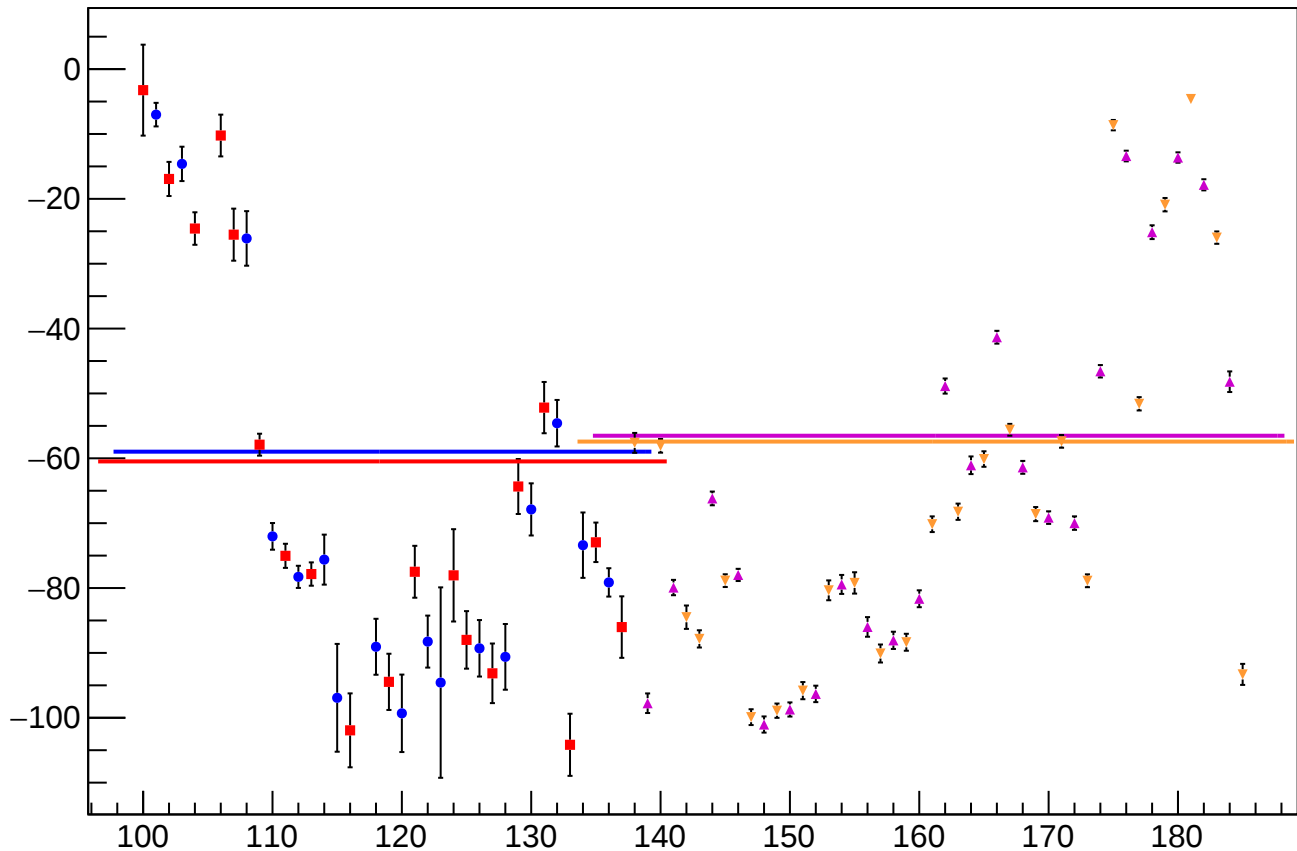
Left In: -0.142 ± 0.179 χ^2/NDF : 6862.5/22

+ sign -1.595 ± 0.162 χ^2/NDF : 9941.4/41

All: -1.306 ± 0.116 χ^2/NDF : 18265.0/83

- sign -1.004 ± 0.165 χ^2/NDF : 8317.0/41

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -58.976 $\pm$ 0.747 χ^2 /NDF: 1707.7/16

Left Out: -57.420 $\pm$ 0.223 χ^2 /NDF:18602.8/24

Right Out: -60.479 $\pm$ 0.705 χ^2 /NDF: 1384.2/18

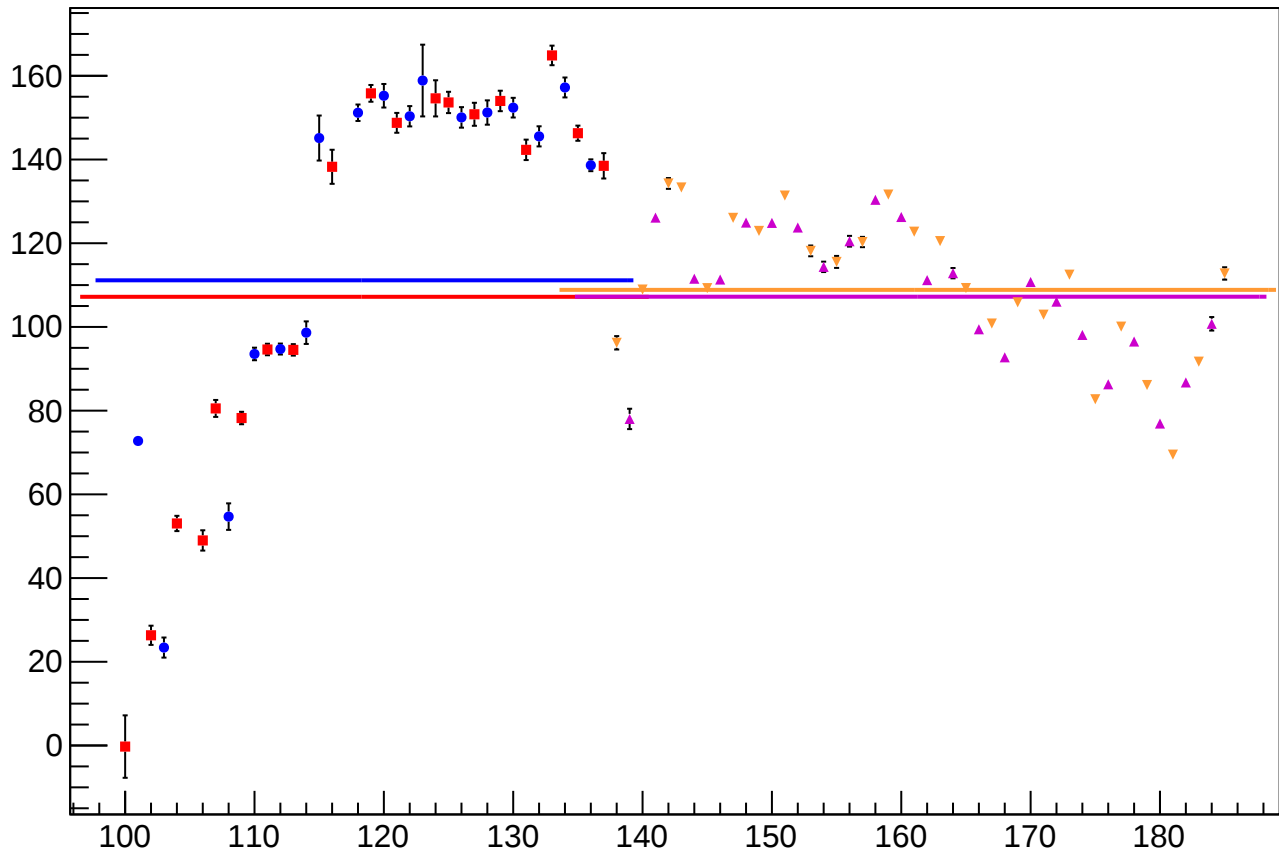
Left In: -56.519 $\pm$ 0.227 χ^2 /NDF:16352.6/22

+ sign -57.547 $\pm$ 0.214 χ^2 /NDF: 20314.4/41

All: -57.223 $\pm$ 0.152 χ^2 /NDF: 38084.4/83

- sign -56.891 $\pm$ 0.216 χ^2 /NDF: 17765.3/41

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.139 $\pm$ 0.490 χ^2 /NDF: 5863.6/16

Left Out: 108.859 $\pm$ 0.197 χ^2 /NDF: 7389.5/24

Right Out: 107.202 $\pm$ 0.488 χ^2 /NDF: 7042.9/18

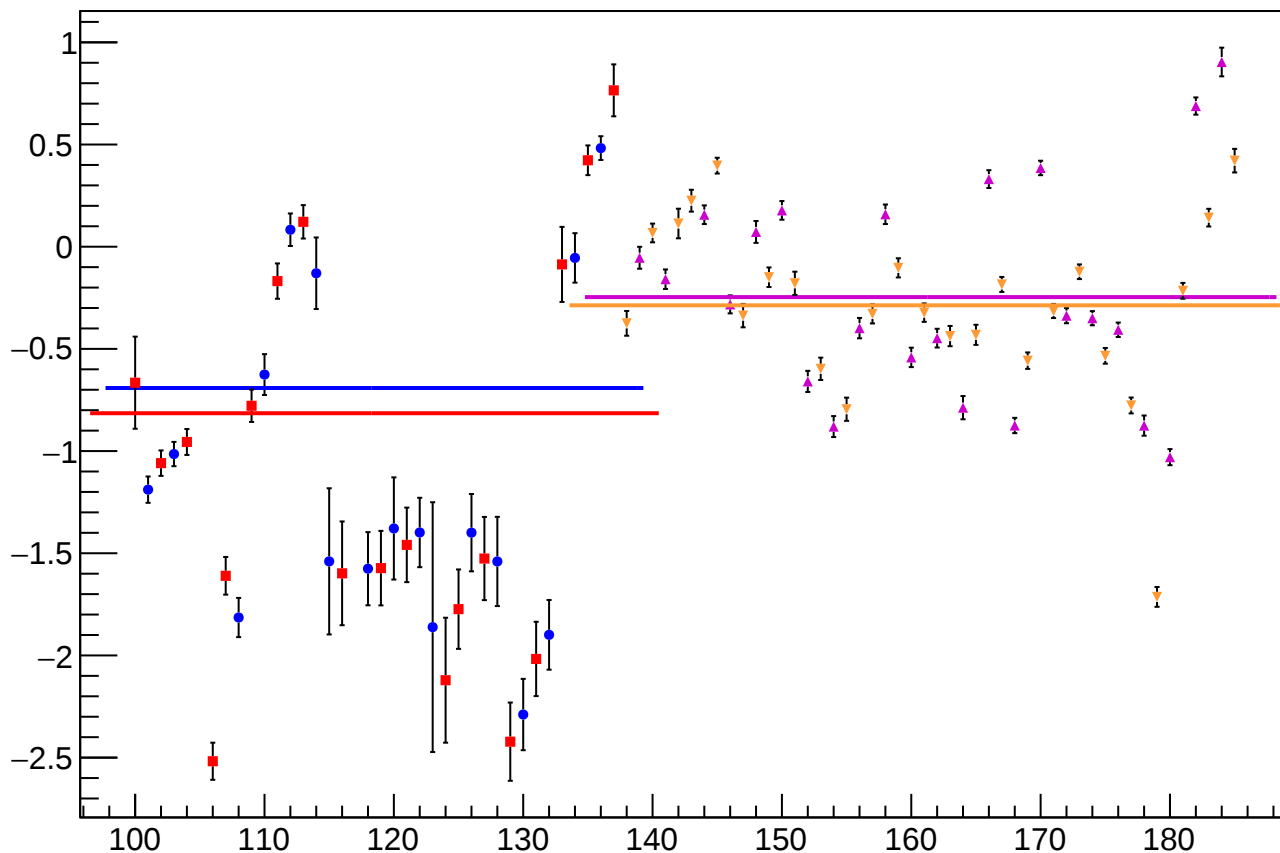
Left In: 107.225 $\pm$ 0.202 χ^2 /NDF: 5565.3/22

+ sign 109.177 $\pm$ 0.183 χ^2 /NDF: 13271.7/41

All: 108.220 $\pm$ 0.131 χ^2 /NDF: 25935.8/83

- sign 107.221 $\pm$ 0.187 χ^2 /NDF: 12608.2/41

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.691 ± 0.026 χ^2/NDF : 988.9/16

Left Out: -0.287 ± 0.009 χ^2/NDF : 2053.6/24

Right Out: -0.815 ± 0.024 χ^2/NDF : 1302.6/18

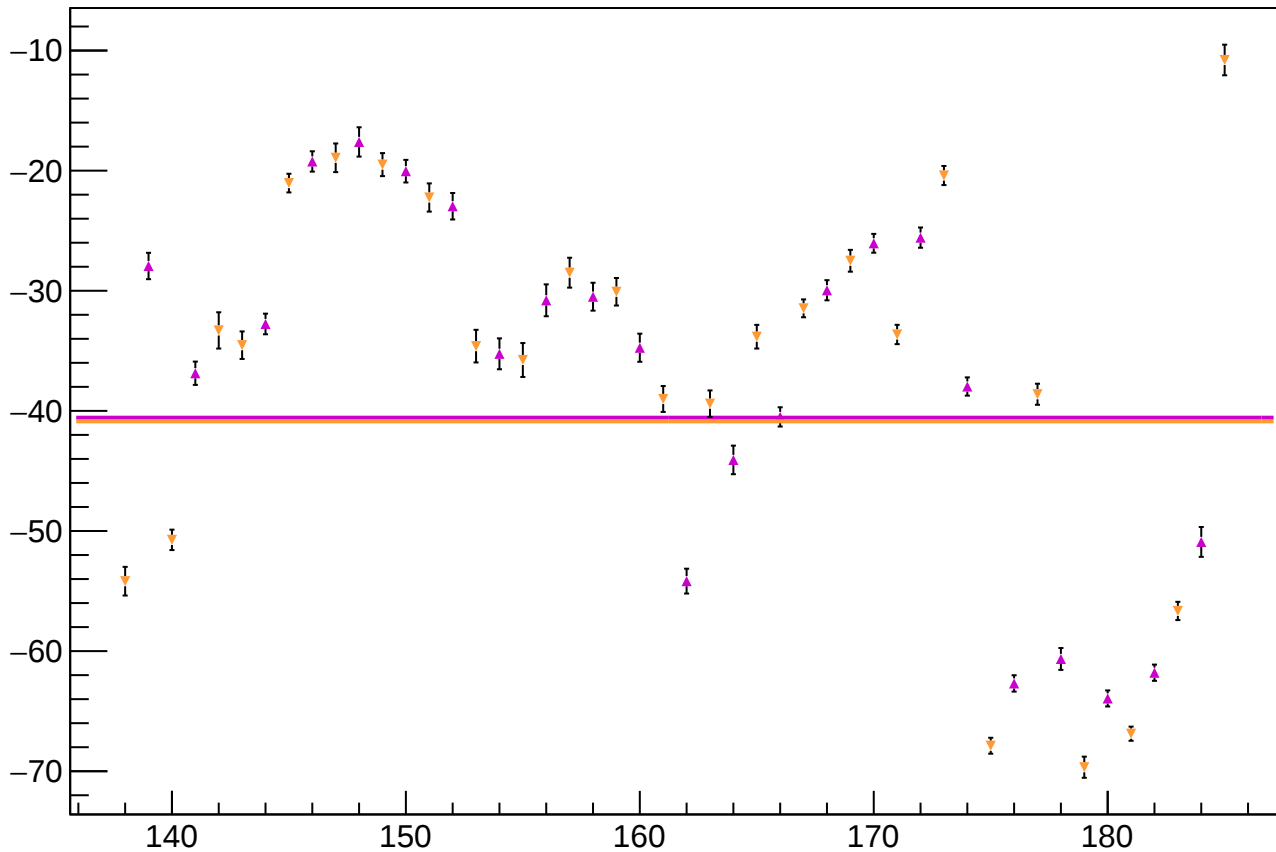
Left In: -0.247 ± 0.009 χ^2/NDF : 2792.8/22

+ sign -0.331 ± 0.009 χ^2/NDF : 3260.5/41

All: -0.325 ± 0.006 χ^2/NDF : 7831.8/83

- sign -0.318 ± 0.009 χ^2/NDF : 4570.2/41

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -40.873+/-0.186 χ^2/NDF : 9120.2/24

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

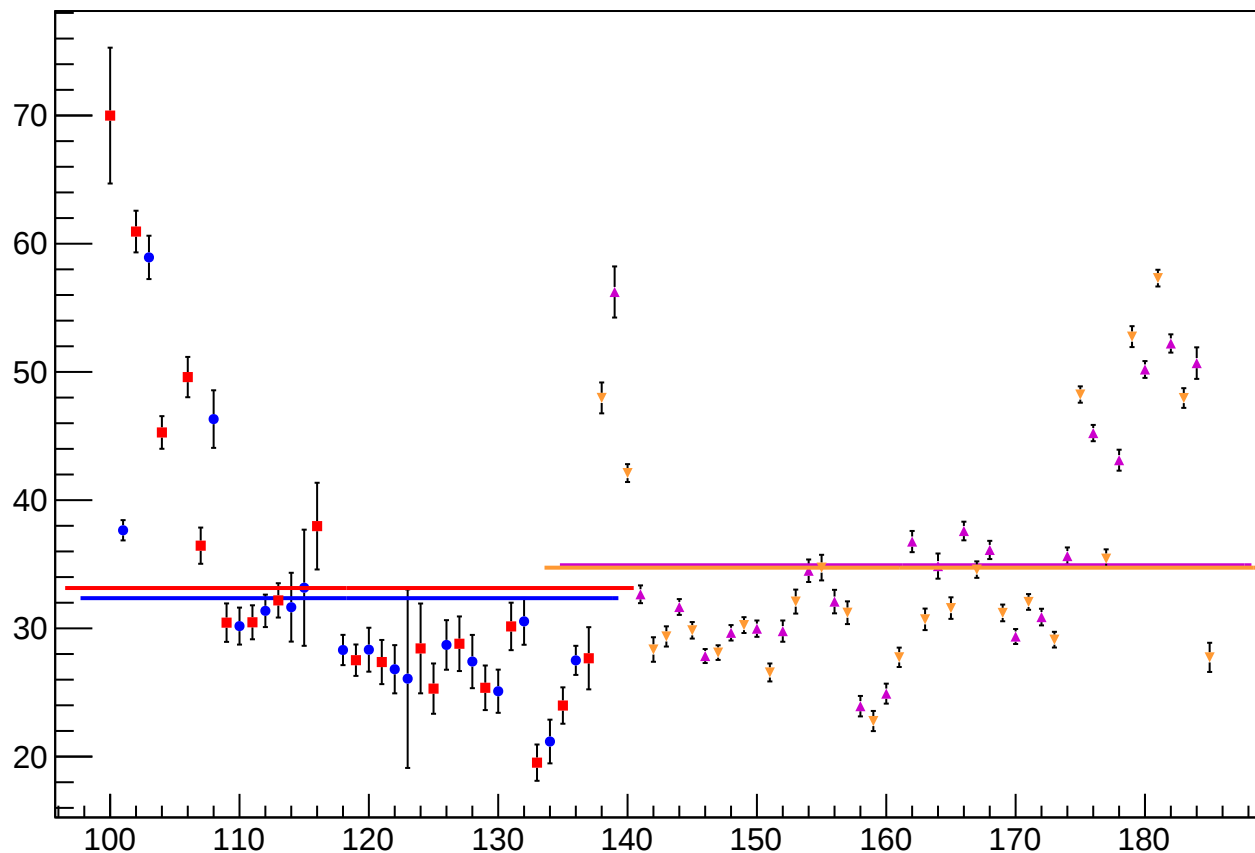
Left In: -40.567+/-0.190 χ^2/NDF : 6954.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.723+/-0.133 χ^2/NDF : 16076.3/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.356 $\pm$ 0.376 χ^2 /NDF: 450.5/16

Left Out: 34.734 $\pm$ 0.147 χ^2 /NDF:3686.0/24

Right Out: 33.147 $\pm$ 0.379 χ^2 /NDF: 773.3/18

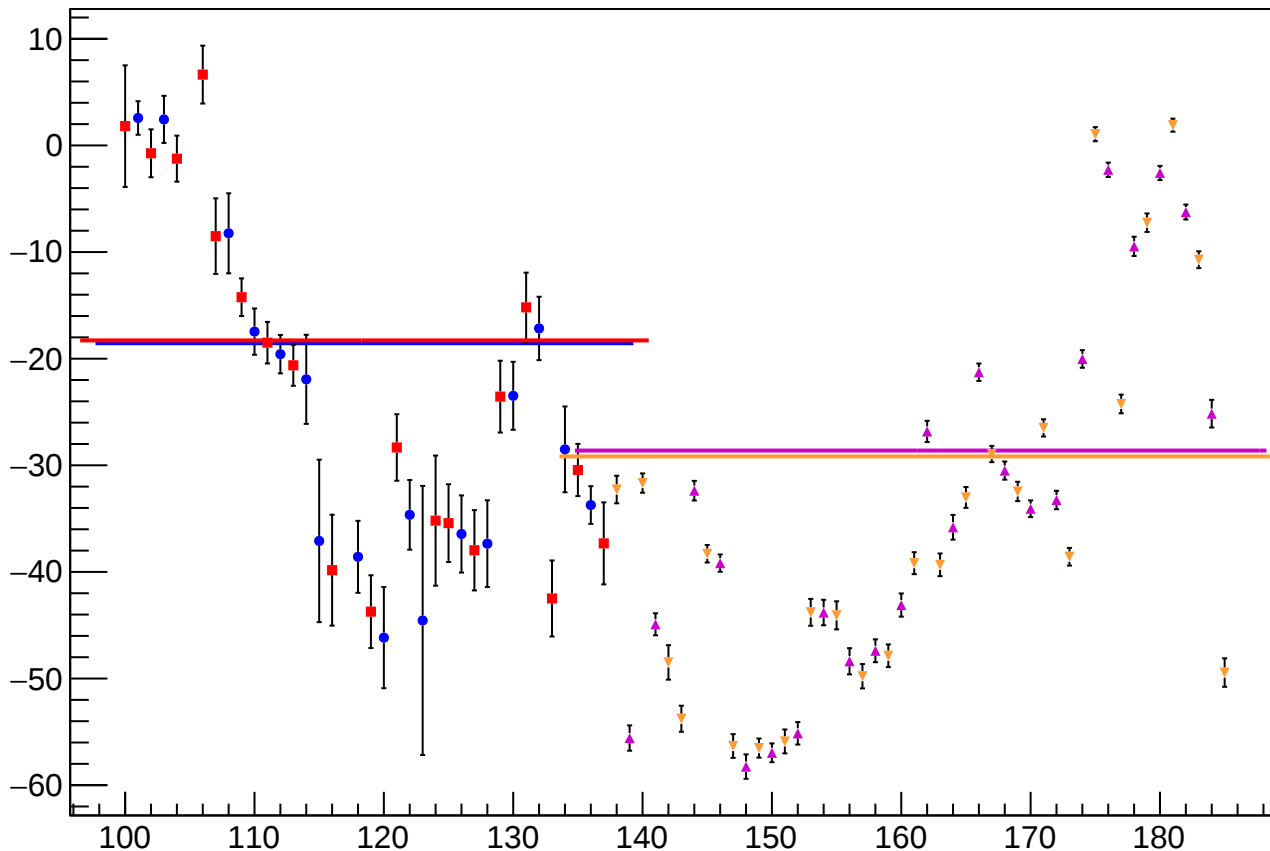
Left In: 34.922 $\pm$ 0.152 χ^2 /NDF:2672.9/22

+ sign 34.417 $\pm$ 0.137 χ^2 /NDF: 4171.2/41

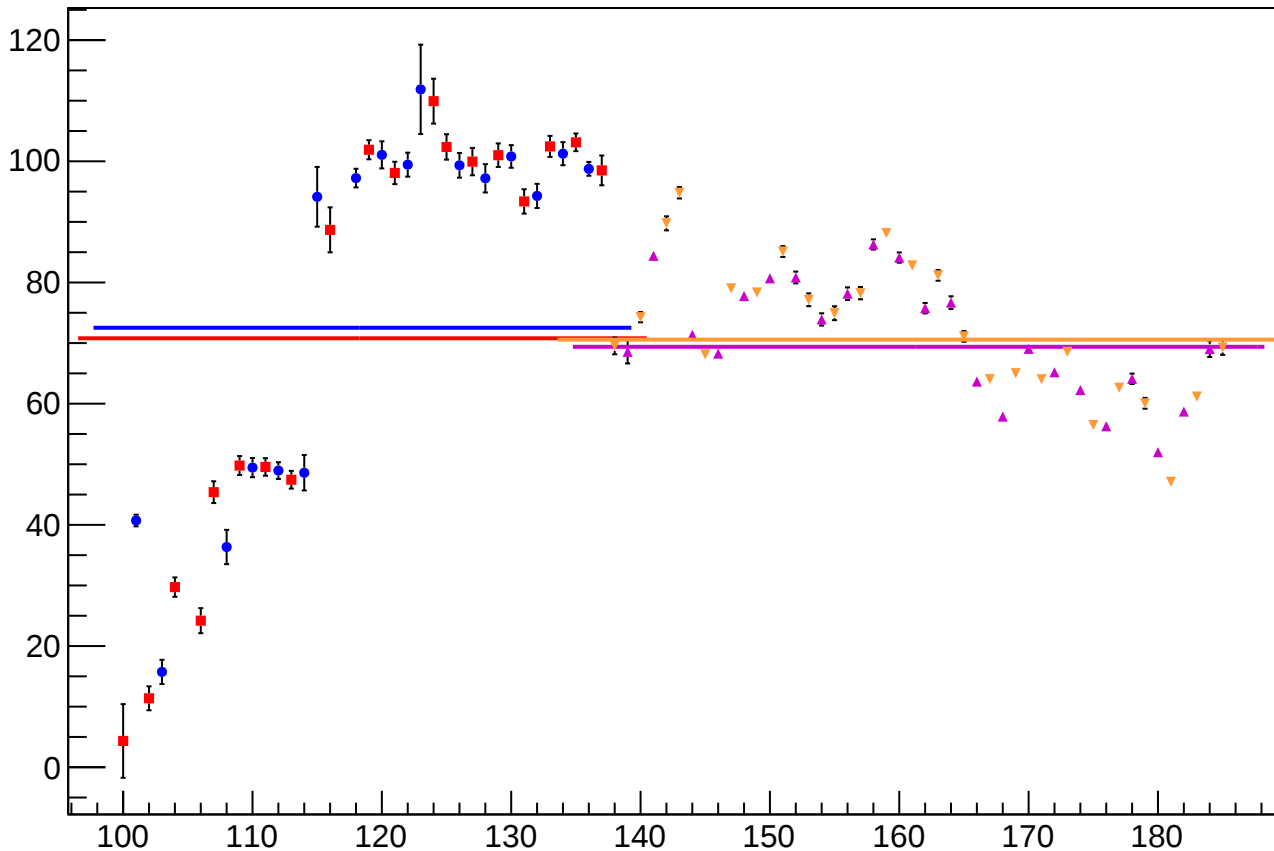
All: 34.544 $\pm$ 0.098 χ^2 /NDF: 7638.1/83

- sign 34.678 $\pm$ 0.141 χ^2 /NDF: 3465.1/41

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.529 $\pm$ 0.429 χ^2 /NDF: 4672.2/16

Left Out: 70.570 $\pm$ 0.166 χ^2 /NDF: 4584.4/24

Right Out: 70.790 $\pm$ 0.434 χ^2 /NDF: 5494.5/18

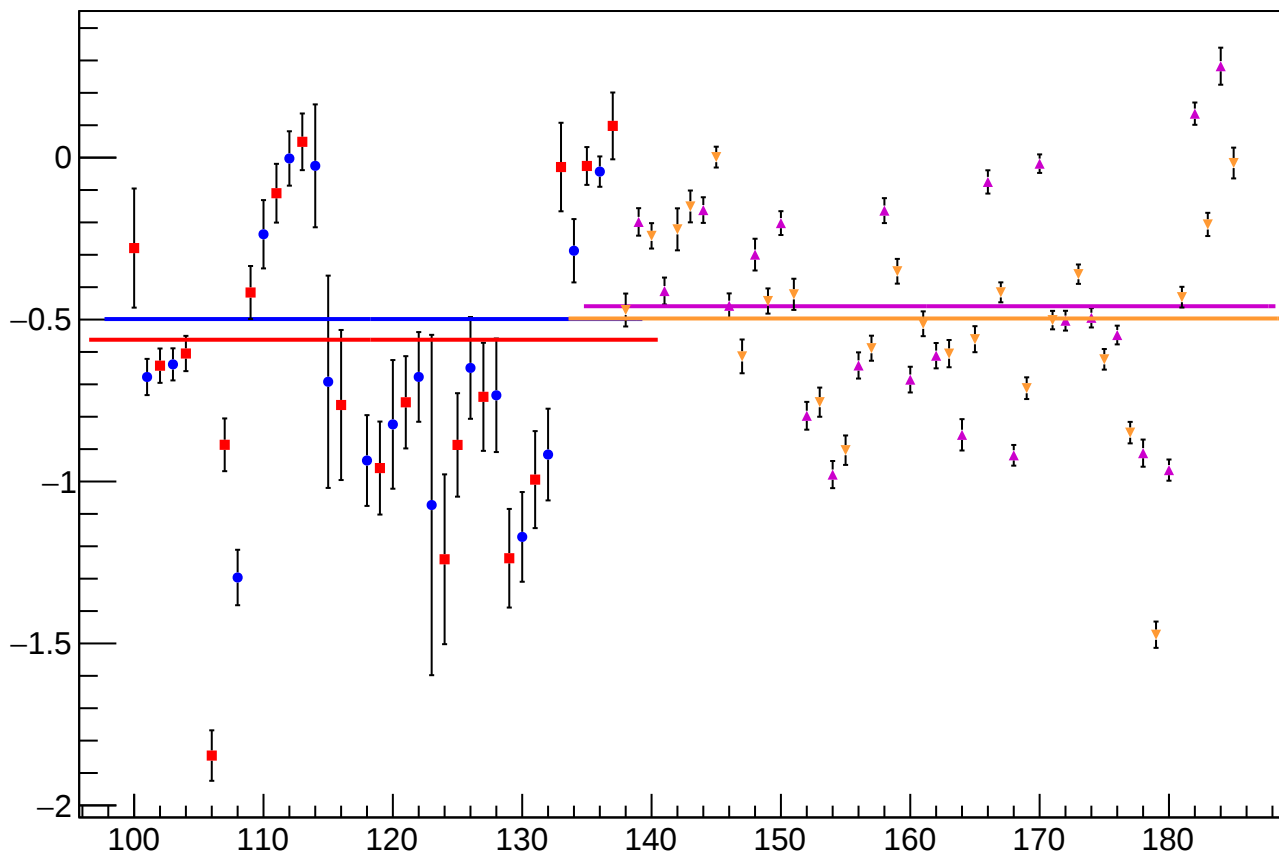
Left In: 69.387 $\pm$ 0.170 χ^2 /NDF: 3321.8/22

+ sign 70.826 $\pm$ 0.155 χ^2 /NDF: 9274.7/41

All: 70.214 $\pm$ 0.111 χ^2 /NDF: 18132.1/83

- sign 69.574 $\pm$ 0.158 χ^2 /NDF: 8825.4/41

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498 ± 0.022 $\chi^2/\text{NDF}: 302.1/16$

Left Out: -0.497 ± 0.008 $\chi^2/\text{NDF}: 1449.4/24$

Right Out: -0.562 ± 0.021 $\chi^2/\text{NDF}: 560.3/18$

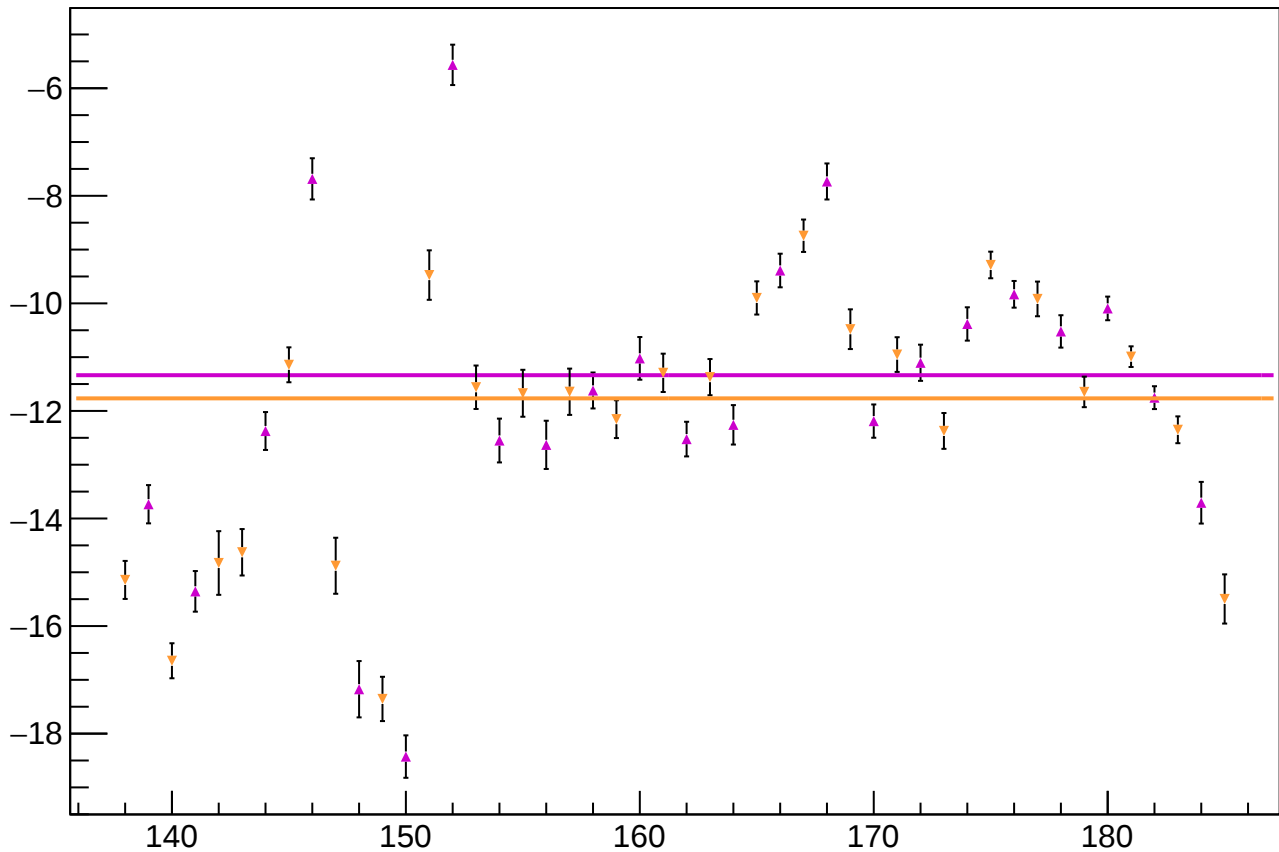
Left In: -0.459 ± 0.008 $\chi^2/\text{NDF}: 1958.4/22$

+ sign -0.497 ± 0.007 $\chi^2/\text{NDF}: 1751.5/41$

All: -0.484 ± 0.005 $\chi^2/\text{NDF}: 4297.3/83$

- sign -0.471 ± 0.007 $\chi^2/\text{NDF}: 2539.3/41$

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -11.766 $\pm$ 0.067 χ^2 /NDF:1020.7/24

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

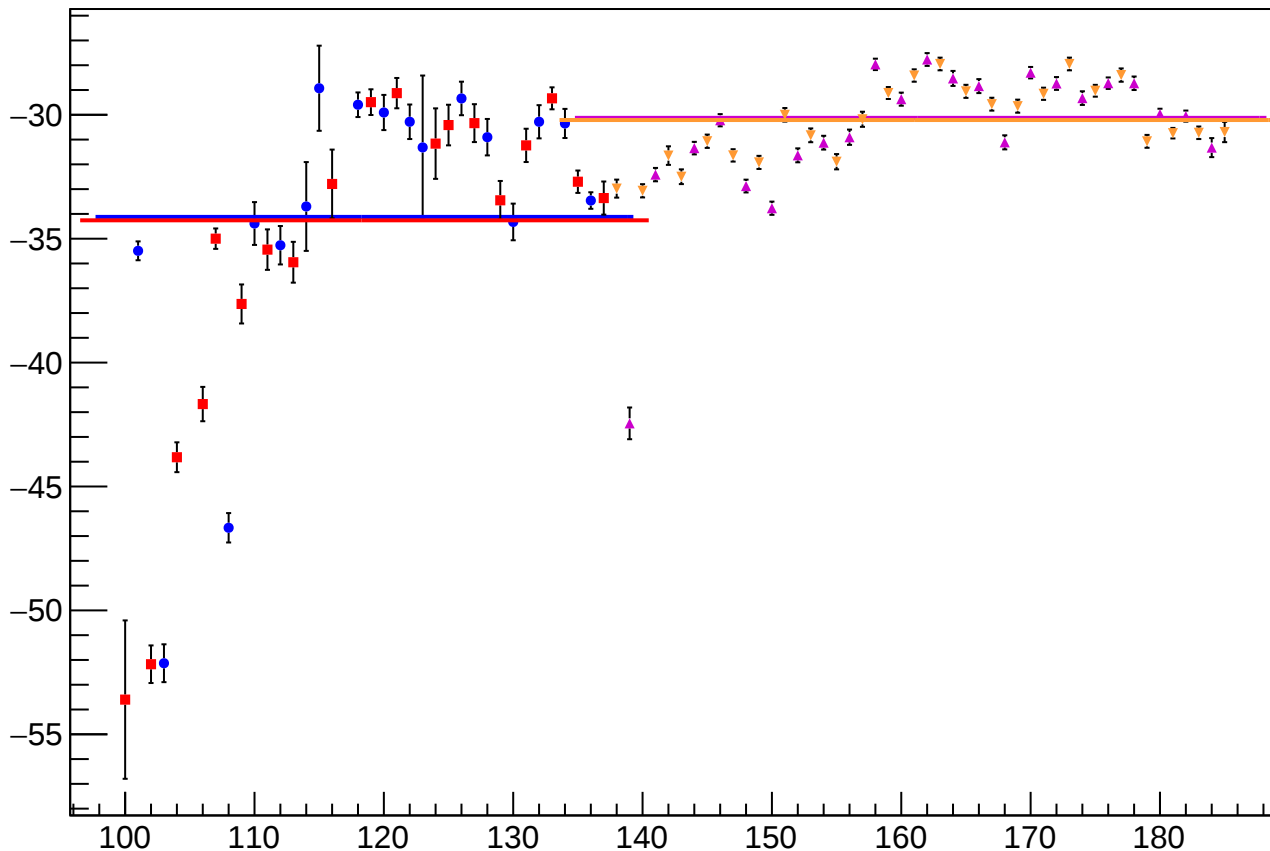
Left In: -11.336 $\pm$ 0.068 χ^2 /NDF:1269.3/22

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

All: -11.555 $\pm$ 0.048 χ^2 /NDF: 2310.4/47

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

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.120 ± 0.152 χ^2/NDF : 1324.4/16

Left Out: -30.211 ± 0.054 χ^2/NDF : 733.7/24

Right Out: -34.258 ± 0.151 χ^2/NDF : 1356.1/18

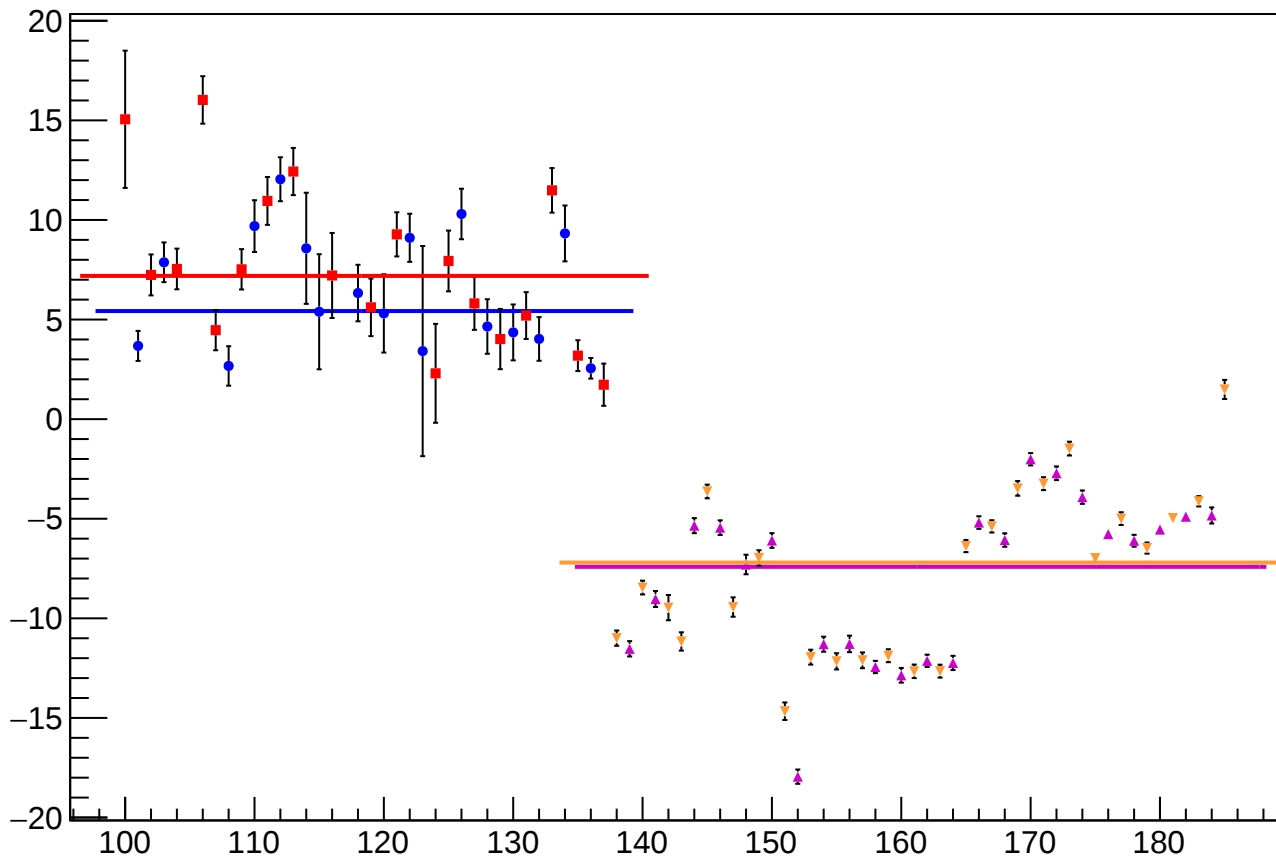
Left In: -30.124 ± 0.056 χ^2/NDF : 1226.2/22

+ sign -30.647 ± 0.051 χ^2/NDF : 2645.9/41

All: -30.632 ± 0.036 χ^2/NDF : 5888.8/83

- sign -30.616 ± 0.052 χ^2/NDF : 3242.7/41

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.427 ± 0.271 χ^2/NDF : 132.7/16

Left Out: -7.200 ± 0.067 χ^2/NDF : 3036.4/24

Right Out: 7.192 ± 0.275 χ^2/NDF : 182.2/18

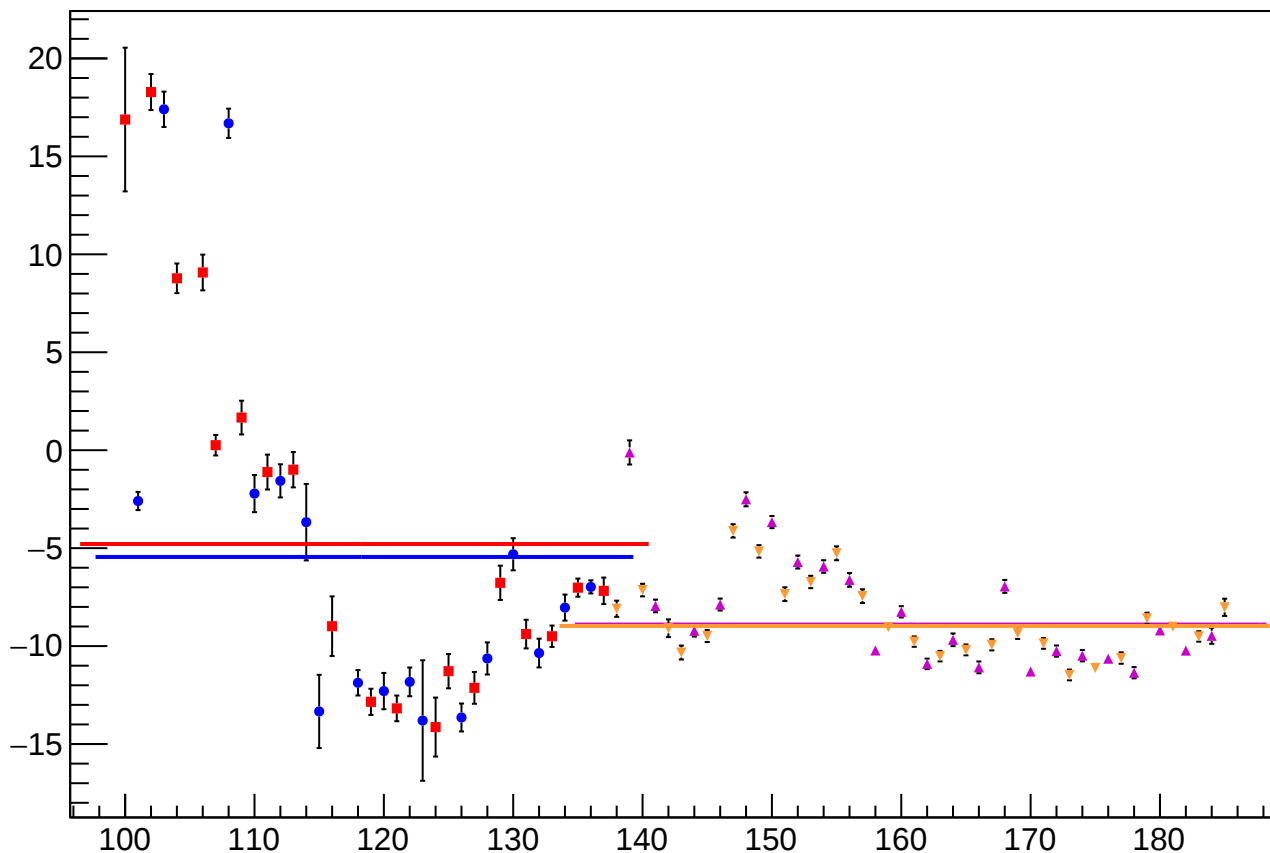
Left In: -7.415 ± 0.068 χ^2/NDF : 3123.3/22

+ sign -6.474 ± 0.065 χ^2/NDF : 5219.6/41

All: -6.524 ± 0.046 χ^2/NDF : 11188.9/83

- sign -6.575 ± 0.066 χ^2/NDF : 5968.1/41

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.450 ± 0.171 χ^2/NDF : 2097.1/16

Left Out: -8.970 ± 0.060 χ^2/NDF : 879.1/24

Right Out: -4.789 ± 0.173 χ^2/NDF : 2047.5/18

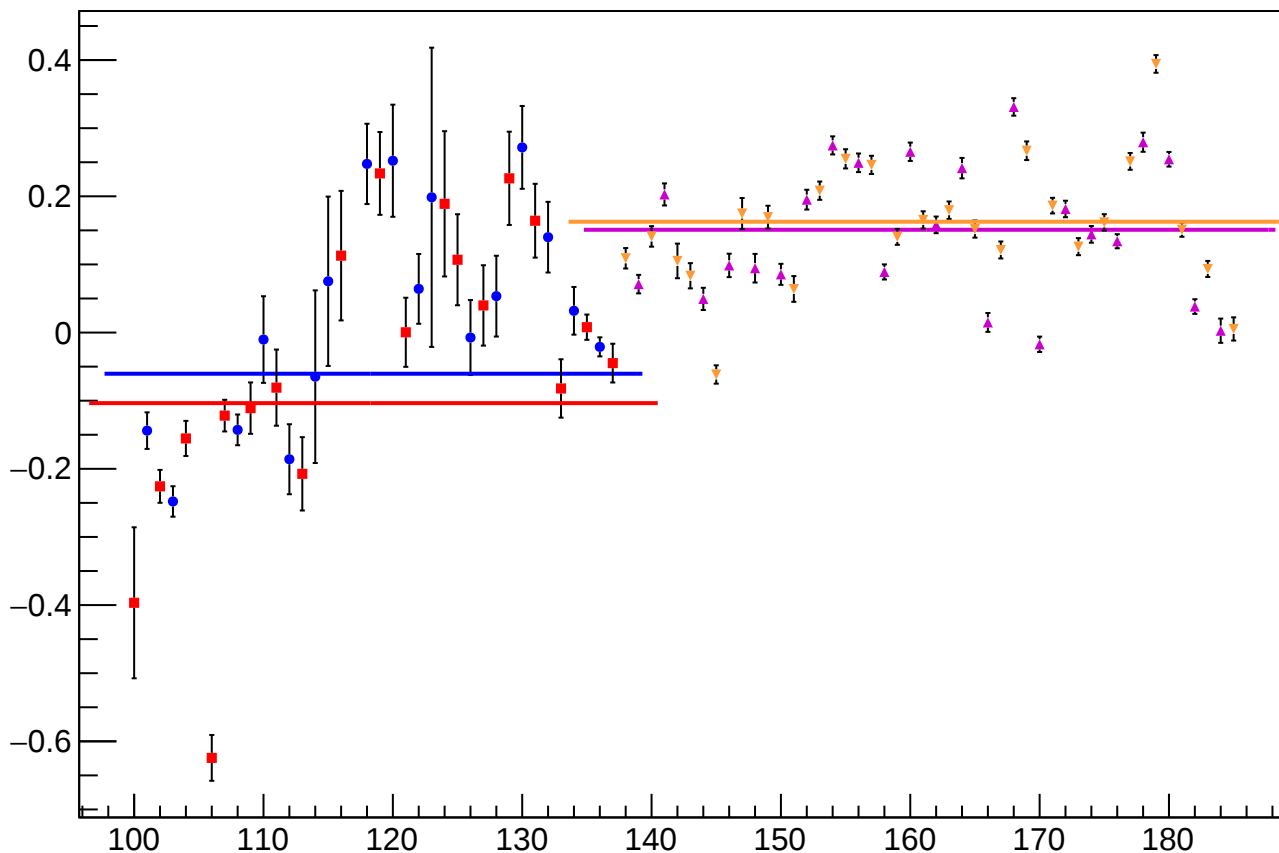
Left In: -8.900 ± 0.062 χ^2/NDF : 1533.9/22

+ sign -8.583 ± 0.057 χ^2/NDF : 3353.0/41

All: -8.512 ± 0.041 χ^2/NDF : 7437.9/83

- sign -8.438 ± 0.058 χ^2/NDF : 4081.7/41

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.060 ± 0.008 χ^2/NDF : 214.5/16

Left Out: 0.163 ± 0.003 χ^2/NDF : 1018.6/24

Right Out: -0.104 ± 0.008 χ^2/NDF : 433.1/18

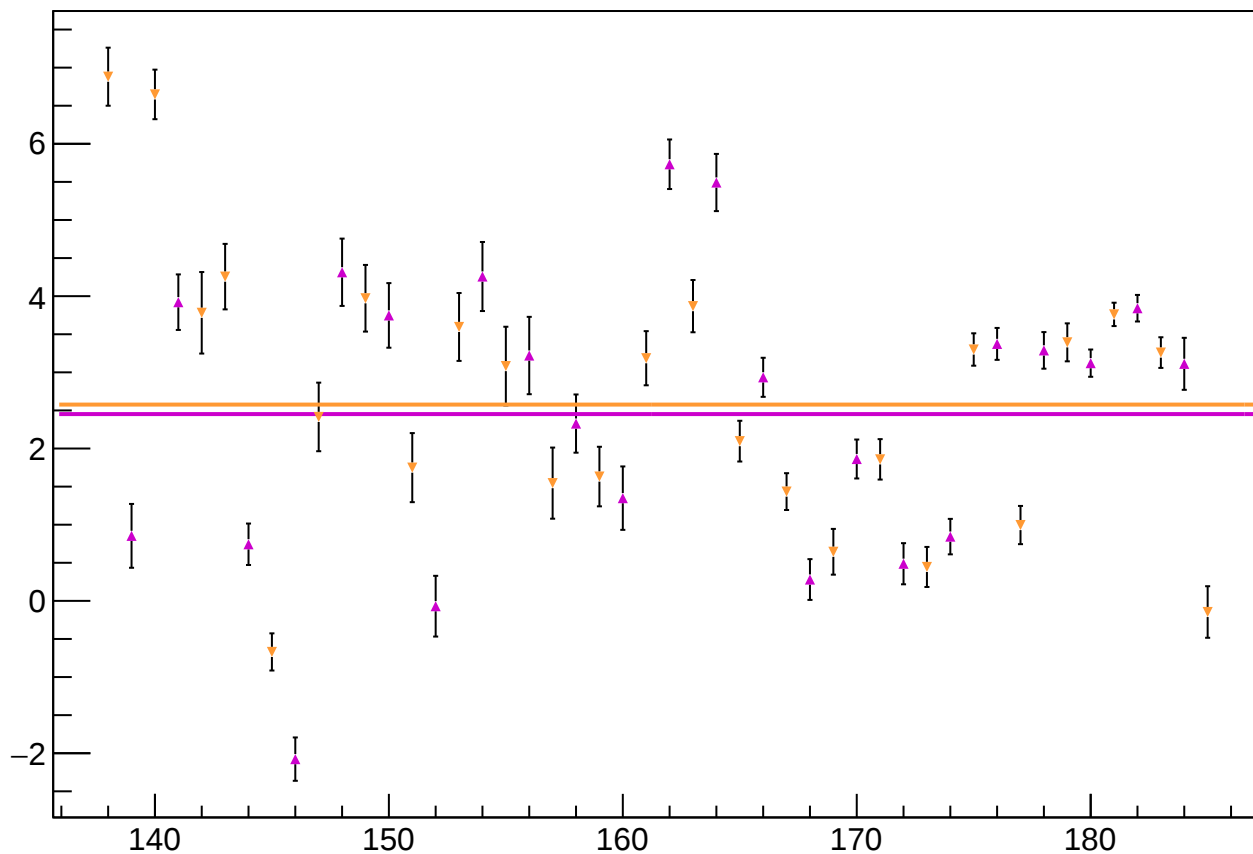
Left In: 0.151 ± 0.003 χ^2/NDF : 1286.5/22

+ sign 0.141 ± 0.003 χ^2/NDF : 1870.2/41

All: 0.134 ± 0.002 χ^2/NDF : 4426.9/83

- sign 0.126 ± 0.003 χ^2/NDF : 2539.8/41

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: 2.577 $\pm$ 0.058 χ^2 /NDF:867.6/24

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

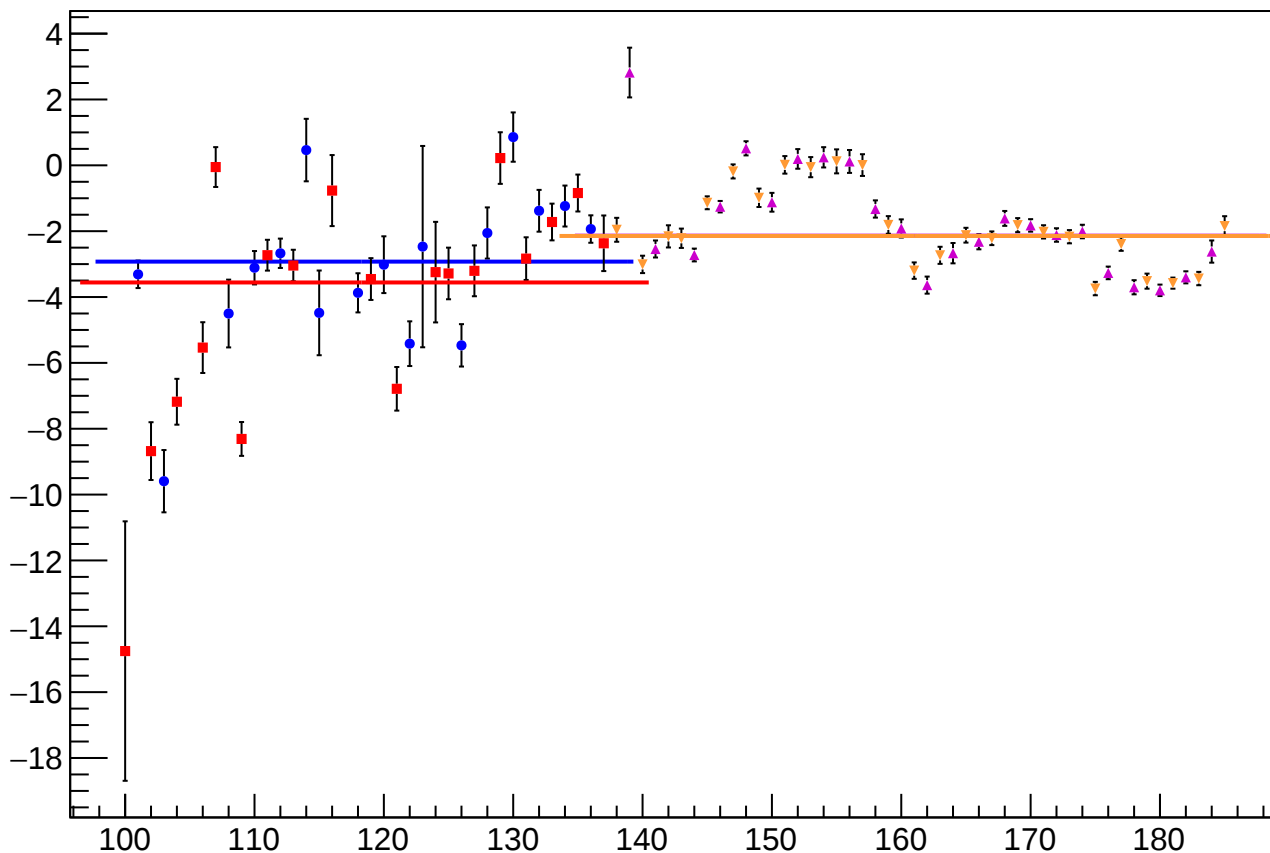
Left In: 2.452 $\pm$ 0.059 χ^2 /NDF:871.3/22

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

All: 2.516 $\pm$ 0.042 χ^2 /NDF: 1741.1/47

- 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: -2.925 $\pm$ 0.155 χ^2/NDF : 144.9/16

Left Out: -2.145 $\pm$ 0.048 χ^2/NDF : 572.6/24

Right Out: -3.558 $\pm$ 0.155 χ^2/NDF : 290.8/18

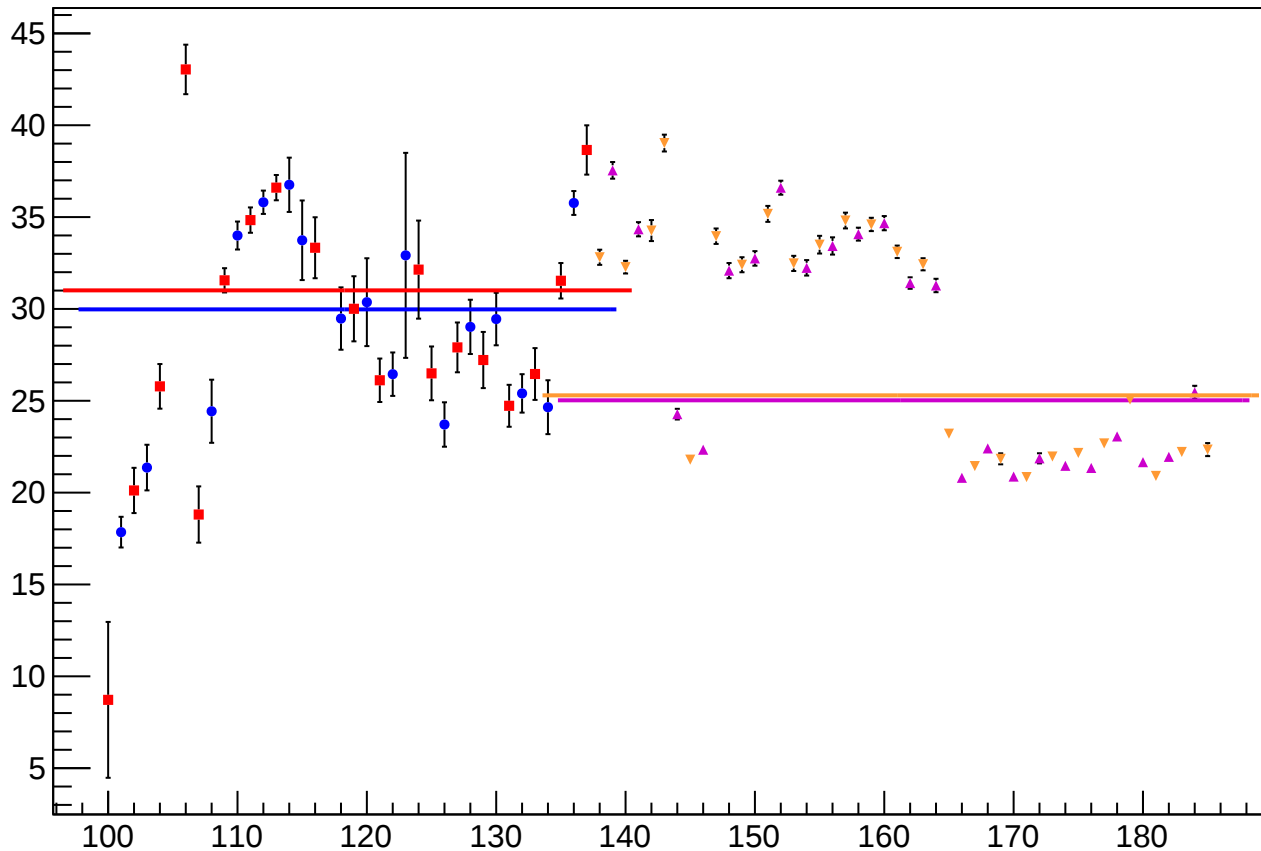
Left In: -2.136 $\pm$ 0.048 χ^2/NDF : 691.2/22

+ sign -2.212 $\pm$ 0.046 χ^2/NDF : 740.6/41

All: -2.237 $\pm$ 0.032 χ^2/NDF : 1800.0/83

- sign -2.263 $\pm$ 0.046 χ^2/NDF : 1058.8/41

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.976 $\pm$ 0.268 χ^2 /NDF: 554.0/16

Left Out: 25.296 $\pm$ 0.059 χ^2 /NDF: 8273.1/24

Right Out: 31.010 $\pm$ 0.260 χ^2 /NDF: 478.7/18

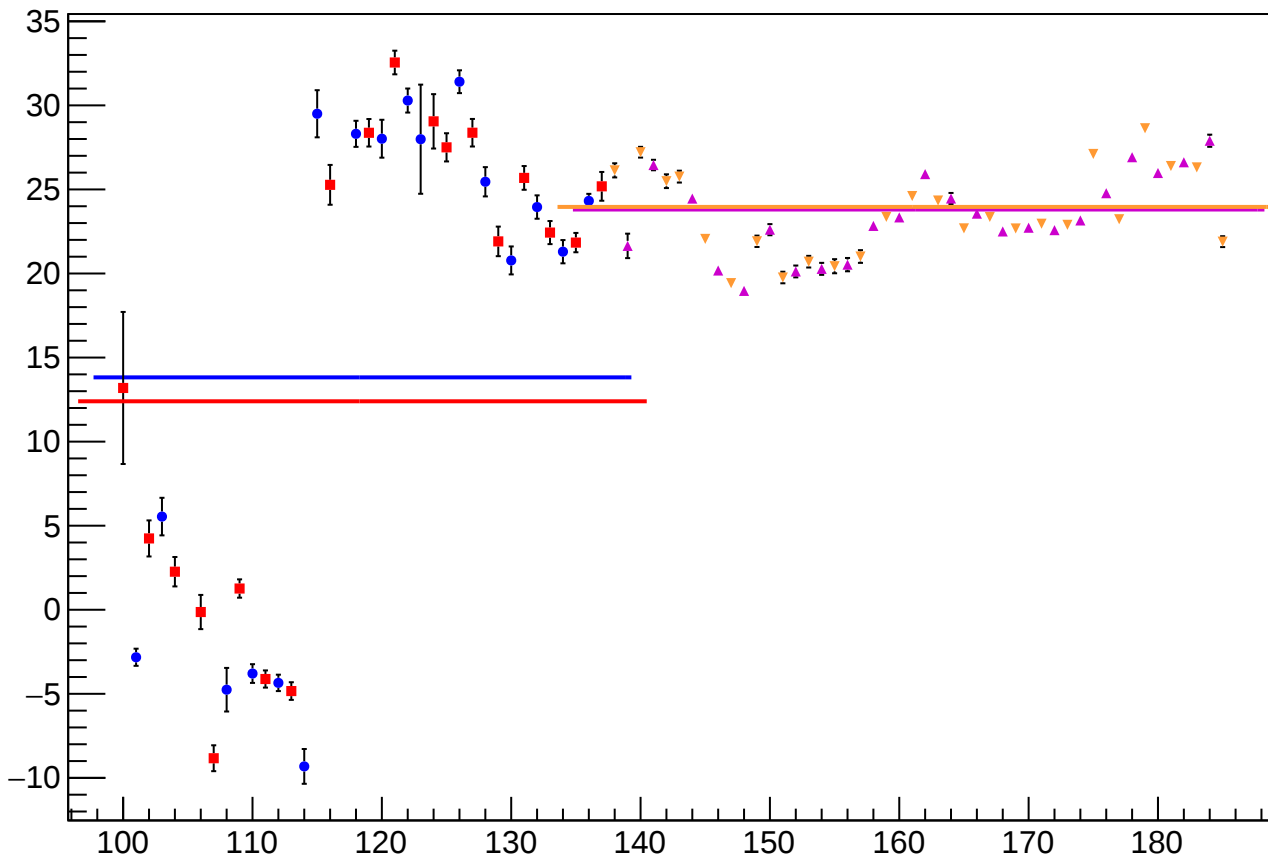
Left In: 25.025 $\pm$ 0.060 χ^2 /NDF: 7610.5/22

+ sign 25.512 $\pm$ 0.057 χ^2 /NDF: 9118.4/41

All: 25.418 $\pm$ 0.041 χ^2 /NDF: 17714.8/83

- sign 25.323 $\pm$ 0.058 χ^2 /NDF: 8591.1/41

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.822 $\pm$ 0.173 χ^2 /NDF: 7274.7/16

Left Out: 23.960 $\pm$ 0.053 χ^2 /NDF:1920.5/24

Right Out: 12.399 $\pm$ 0.174 χ^2 /NDF: 6952.8/18

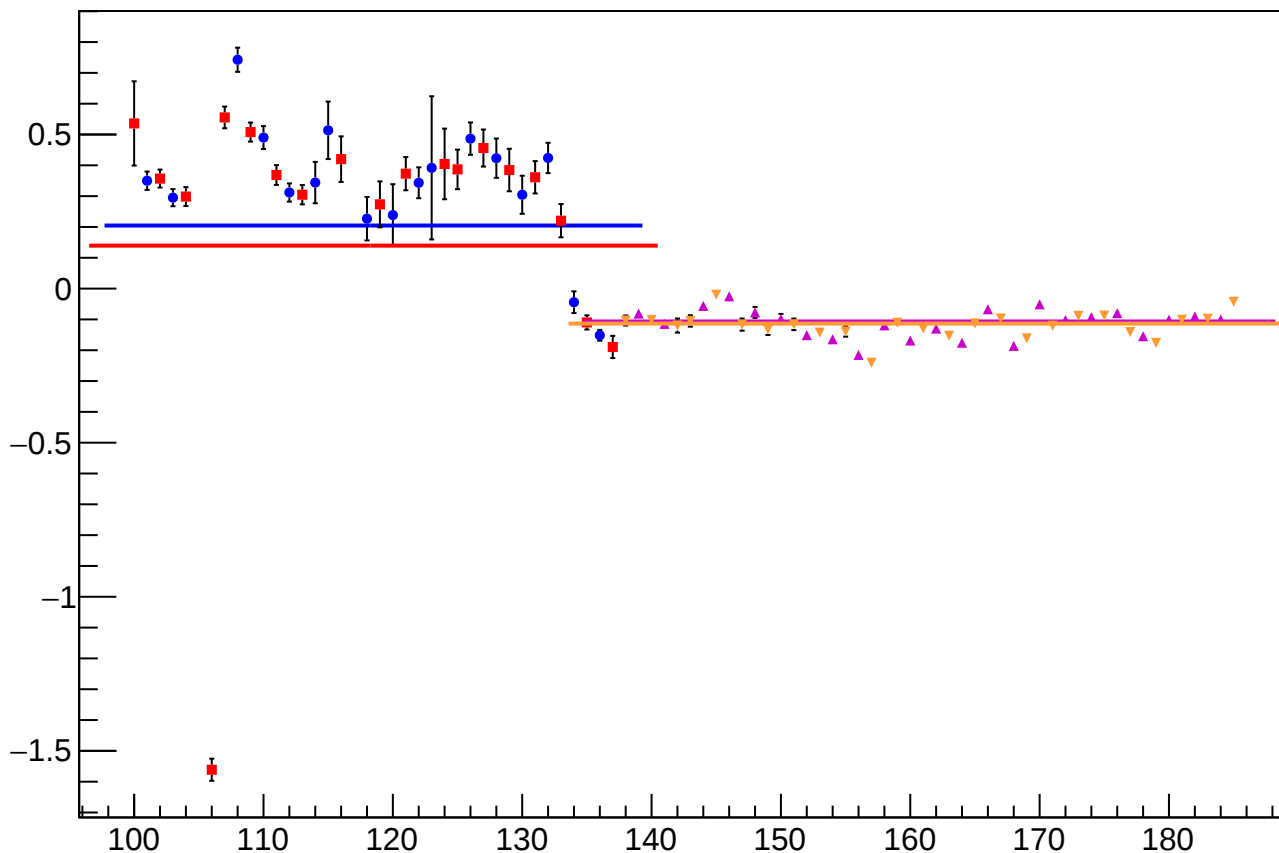
Left In: 23.805 $\pm$ 0.054 χ^2 /NDF:1761.3/22

+ sign 23.086 $\pm$ 0.051 χ^2 /NDF: 12332.8/41

All: 22.946 $\pm$ 0.036 χ^2 /NDF: 24981.7/83

- sign 22.802 $\pm$ 0.052 χ^2 /NDF: 12633.5/41

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 846.4/16

Left Out: -0.113 ± 0.002 χ^2/NDF : 290.8/24

Right Out: 0.139 ± 0.009 χ^2/NDF : 3013.6/18

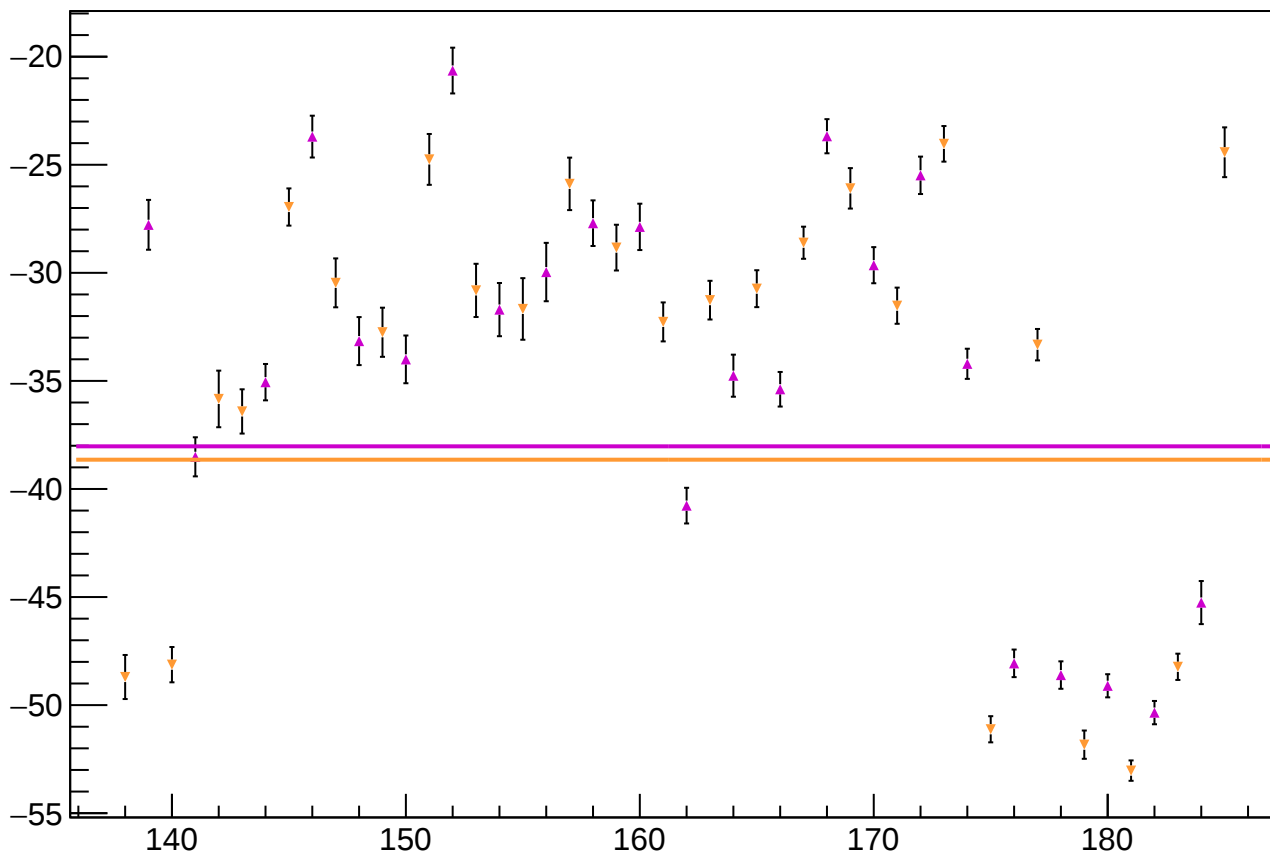
Left In: -0.107 ± 0.002 χ^2/NDF : 321.8/22

+ sign -0.094 ± 0.002 χ^2/NDF : 2214.4/41

All: -0.092 ± 0.002 χ^2/NDF : 6216.1/83

- sign -0.090 ± 0.002 χ^2/NDF : 4000.7/41

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -38.645 $\pm$ 0.169 χ^2 /NDF:4075.8/24

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

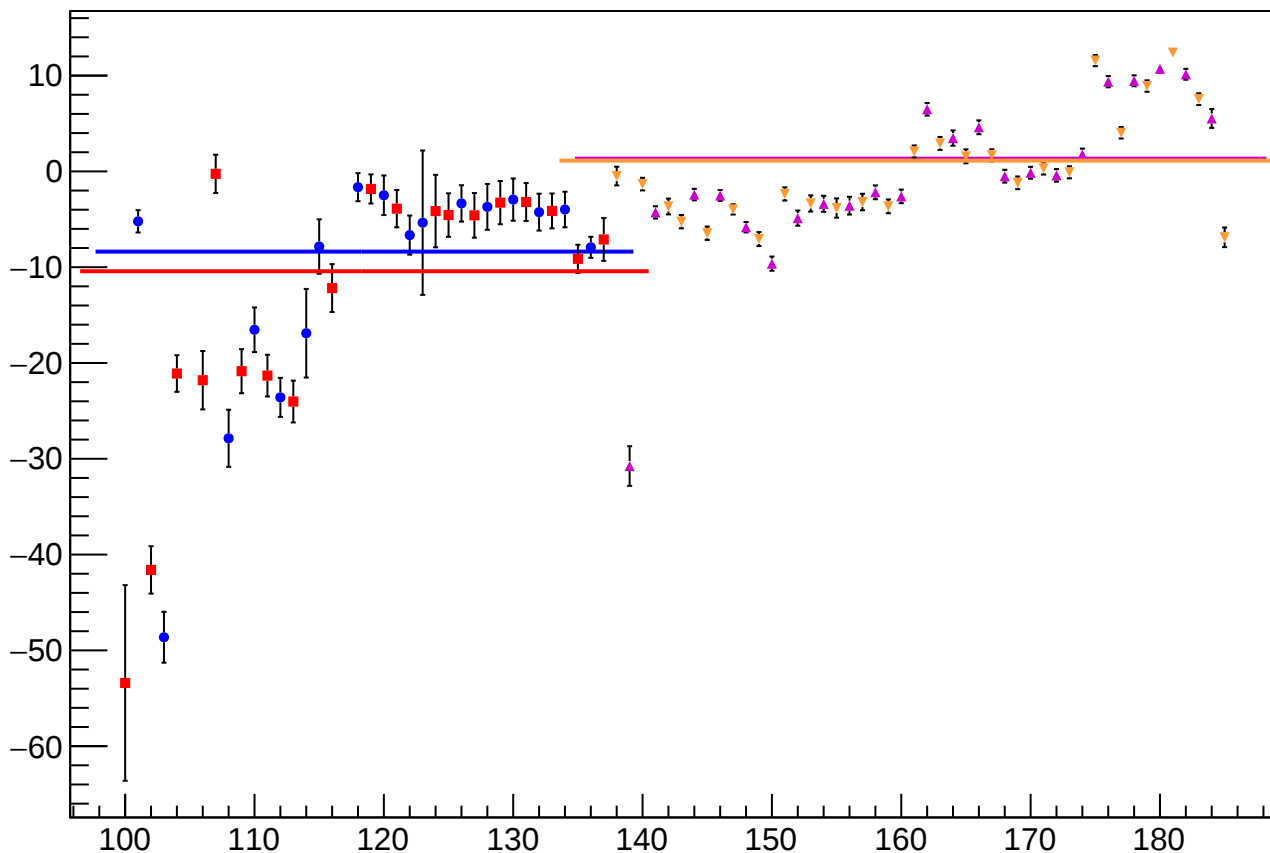
Left In: -38.027 $\pm$ 0.173 χ^2 /NDF:3091.9/22

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

All: -38.344 $\pm$ 0.121 χ^2 /NDF: 7174.3/47

- 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: -8.373 ± 0.467 χ^2/NDF : 408.5/16

Left Out: 1.127 ± 0.136 χ^2/NDF : 1797.7/24

Right Out: -10.423 ± 0.492 χ^2/NDF : 429.8/18

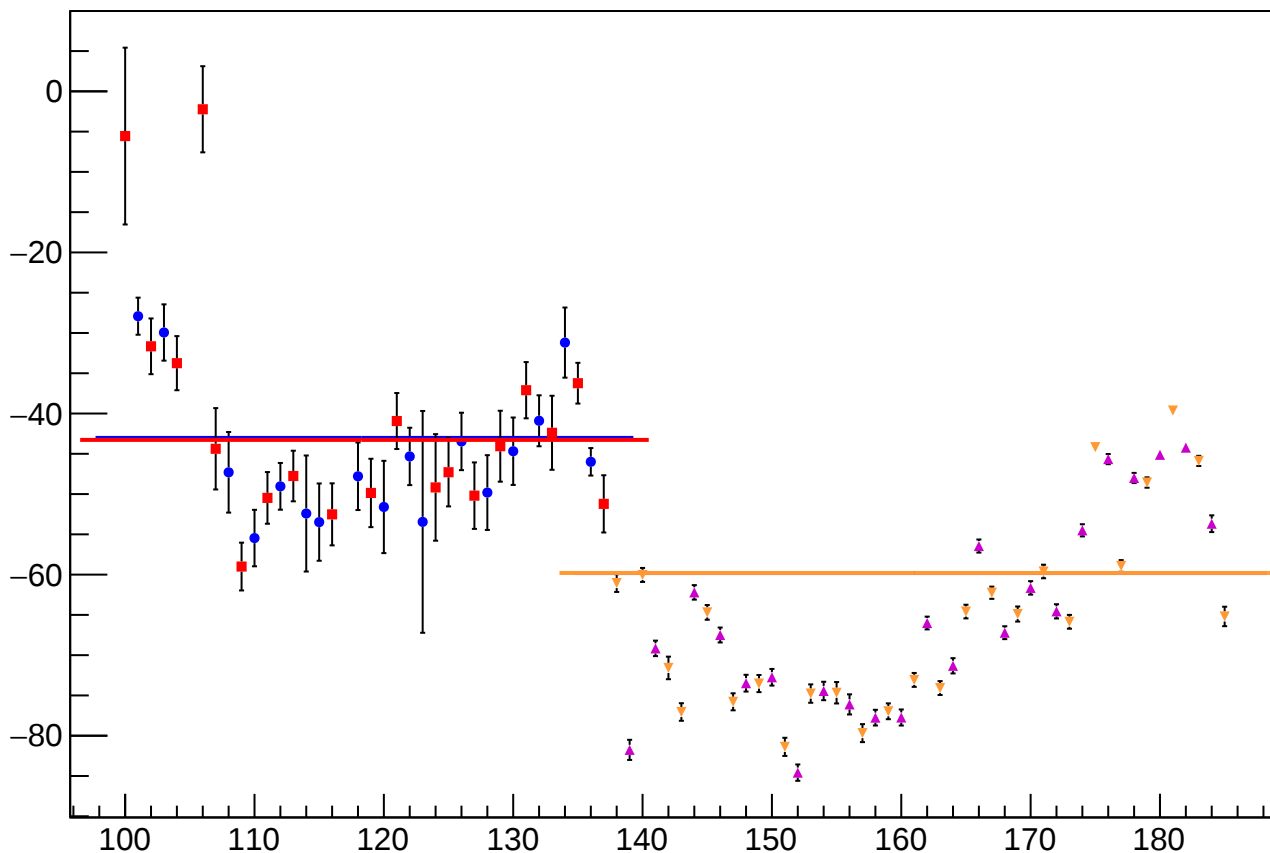
Left In: 1.329 ± 0.140 χ^2/NDF : 2048.0/22

+ sign 0.383 ± 0.131 χ^2/NDF : 2588.4/41

All: 0.416 ± 0.094 χ^2/NDF : 5594.9/83

- sign 0.450 ± 0.135 χ^2/NDF : 3006.4/41

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.028 ± 0.838 χ^2/NDF : 98.9/16

Left Out: -59.794 ± 0.170 χ^2/NDF : 5835.7/24

Right Out: -43.274 ± 0.868 χ^2/NDF : 154.3/18

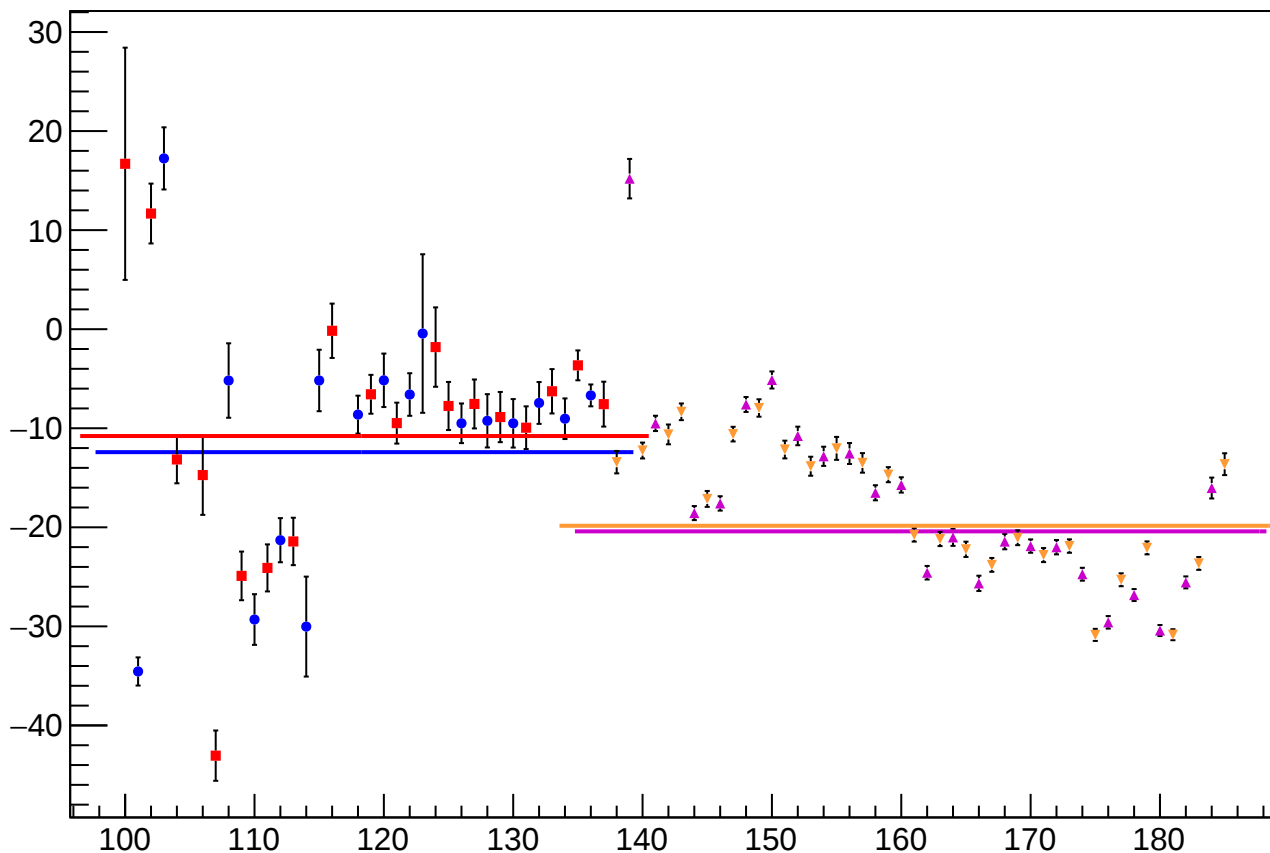
Left In: -59.802 ± 0.173 χ^2/NDF : 5217.5/22

+ sign -59.130 ± 0.167 χ^2/NDF : 6318.6/41

All: -59.149 ± 0.119 χ^2/NDF : 12038.9/83

- sign -59.169 ± 0.170 χ^2/NDF : 5720.3/41

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.412 ± 0.524 χ^2/NDF : 473.5/16

Left Out: -19.844 ± 0.153 χ^2/NDF : 1930.4/24

Right Out: -10.786 ± 0.555 χ^2/NDF : 365.9/18

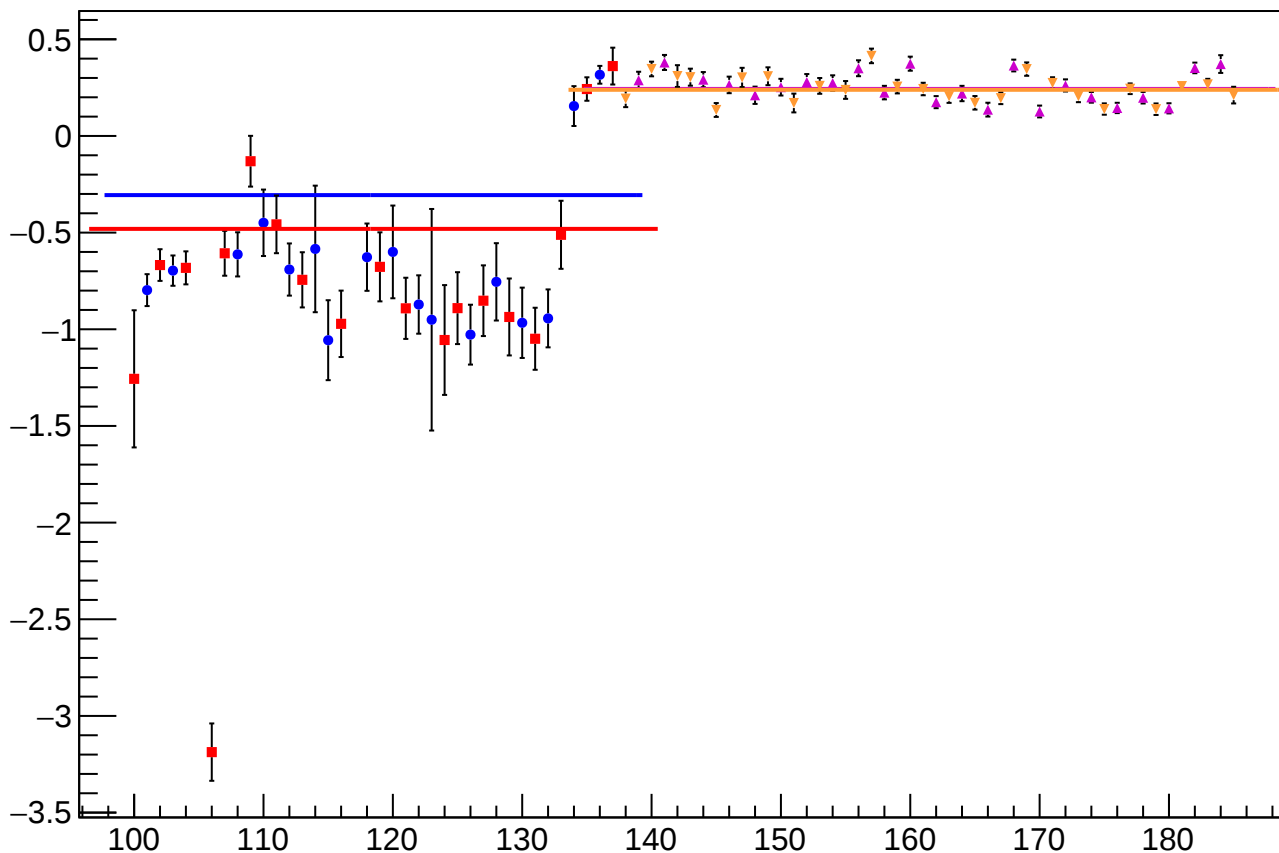
Left In: -20.410 ± 0.157 χ^2/NDF : 2302.0/22

+ sign -19.262 ± 0.147 χ^2/NDF : 2589.4/41

All: -19.474 ± 0.105 χ^2/NDF : 5540.5/83

- sign -19.699 ± 0.151 χ^2/NDF : 2946.8/41

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.306 ± 0.028 χ^2/NDF : 371.7/16

Left Out: 0.239 ± 0.007 χ^2/NDF : 93.0/24

Right Out: -0.481 ± 0.029 χ^2/NDF : 627.8/18

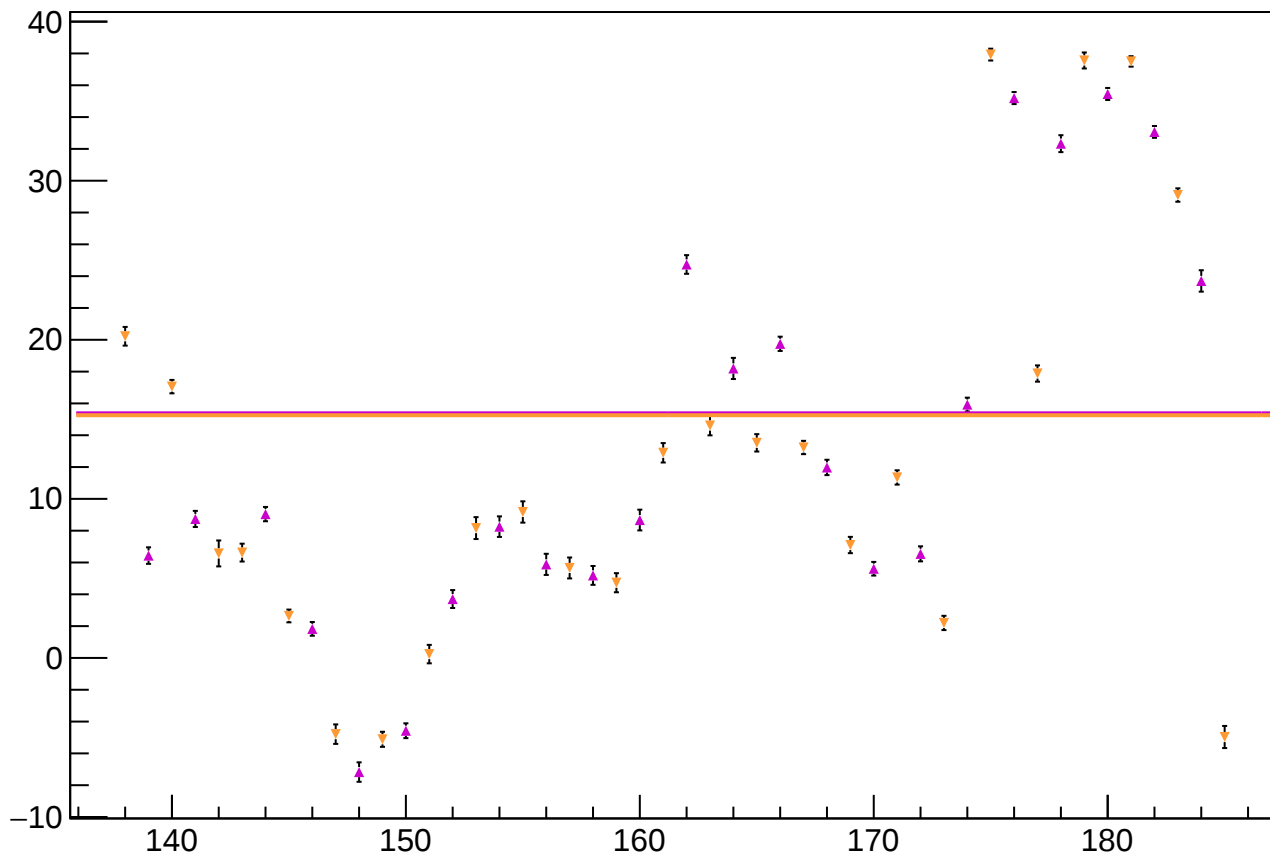
Left In: 0.243 ± 0.007 χ^2/NDF : 138.3/22

+ sign 0.206 ± 0.007 χ^2/NDF : 830.7/41

All: 0.203 ± 0.005 χ^2/NDF : 2199.1/83

- sign 0.201 ± 0.007 χ^2/NDF : 1368.1/41

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 15.259 $\pm$ 0.101 χ^2 /NDF:19171.6/24

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

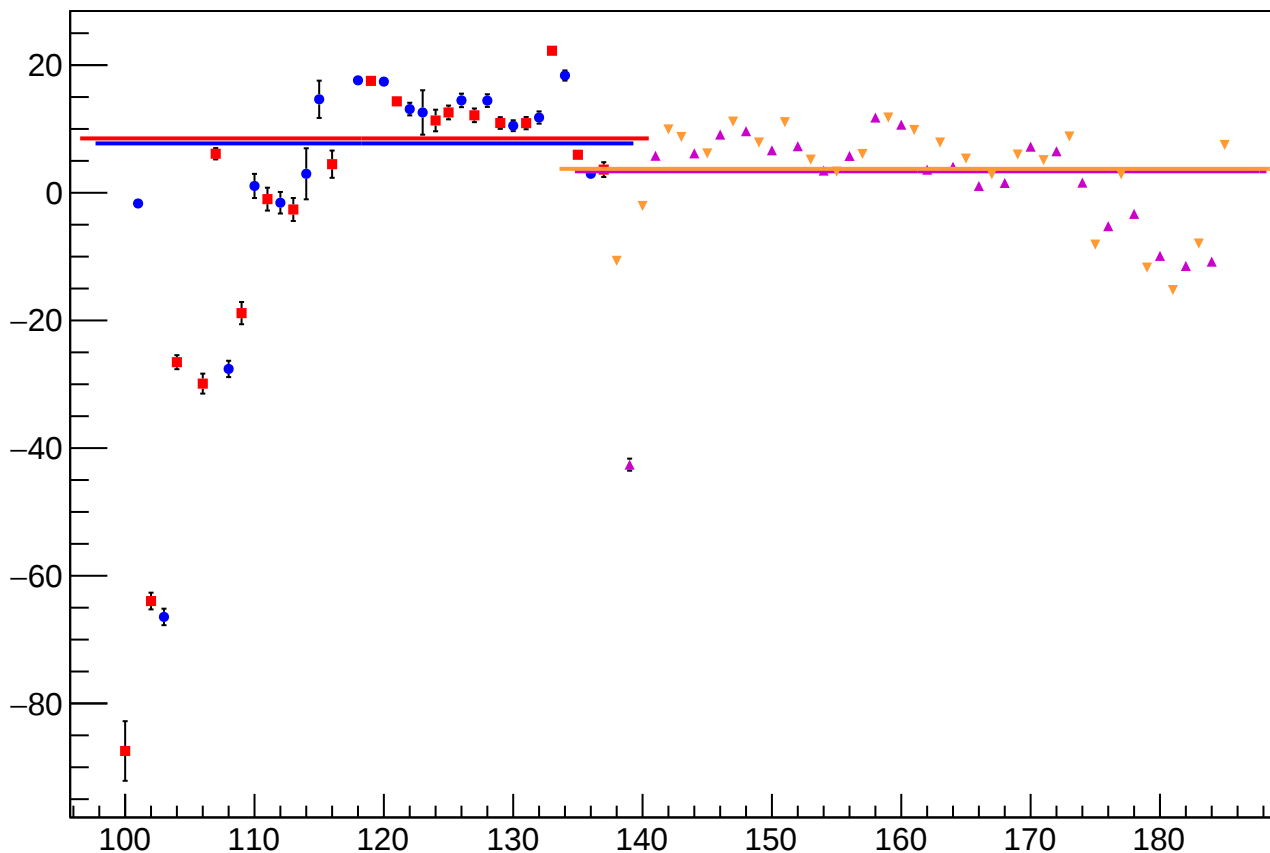
Left In: 15.377 $\pm$ 0.103 χ^2 /NDF:16268.9/22

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

All: 15.316 $\pm$ 0.072 χ^2 /NDF: 35441.2/47

- 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: 7.736 $\pm$ 0.218 χ^2 /NDF: 5301.4/16

Left Out: 3.751 $\pm$ 0.079 χ^2 /NDF: 9228.7/24

Right Out: 8.518 $\pm$ 0.214 χ^2 /NDF: 6720.6/18

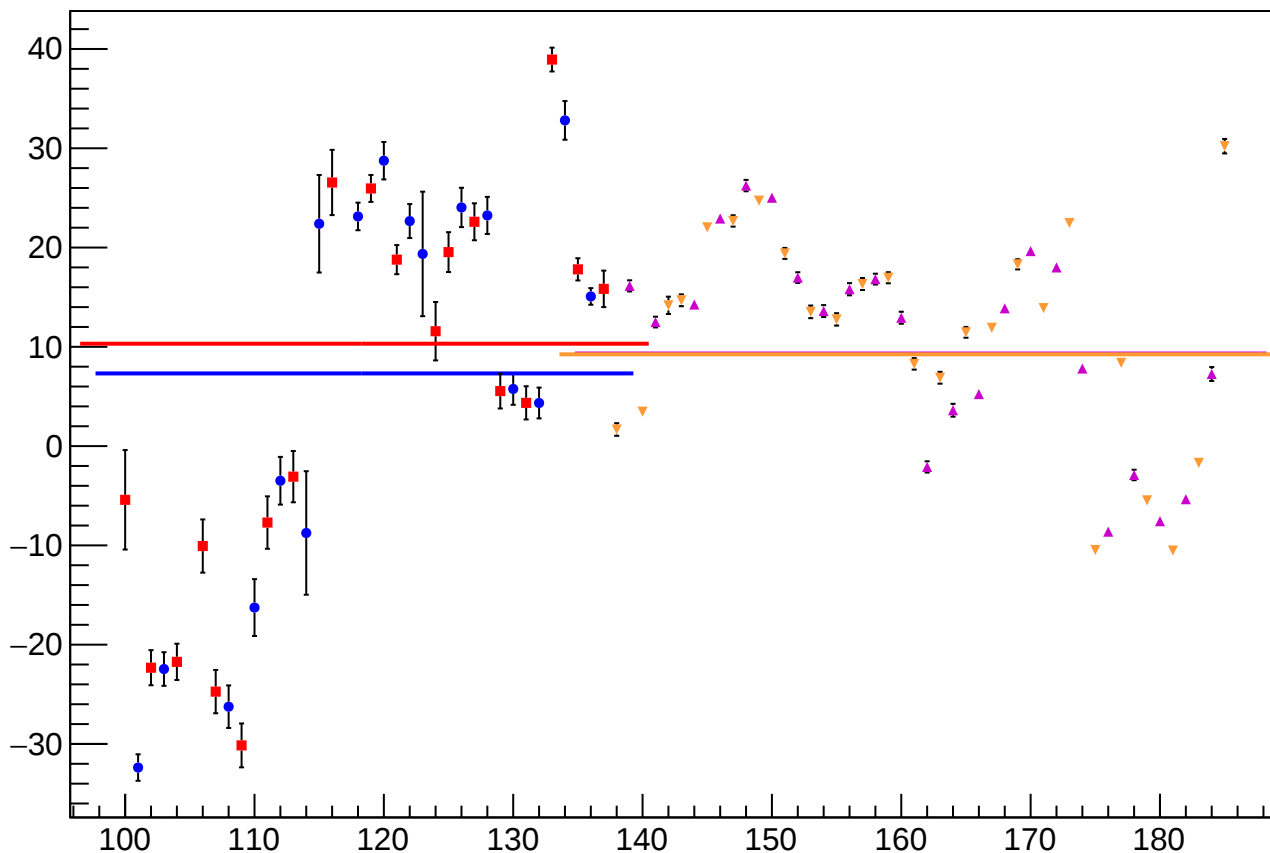
Left In: 3.365 $\pm$ 0.081 χ^2 /NDF: 8527.0/22

+ sign 4.210 $\pm$ 0.074 χ^2 /NDF: 14824.9/41

All: 4.116 $\pm$ 0.053 χ^2 /NDF: 30584.6/83

- sign 4.017 $\pm$ 0.076 χ^2 /NDF: 15756.4/41

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.321 $\pm$ 0.419 χ^2 /NDF: 2291.7/16

Left Out: 9.245 $\pm$ 0.101 χ^2 /NDF:13632.3/24

Right Out: 10.315 $\pm$ 0.418 χ^2 /NDF: 2282.9/18

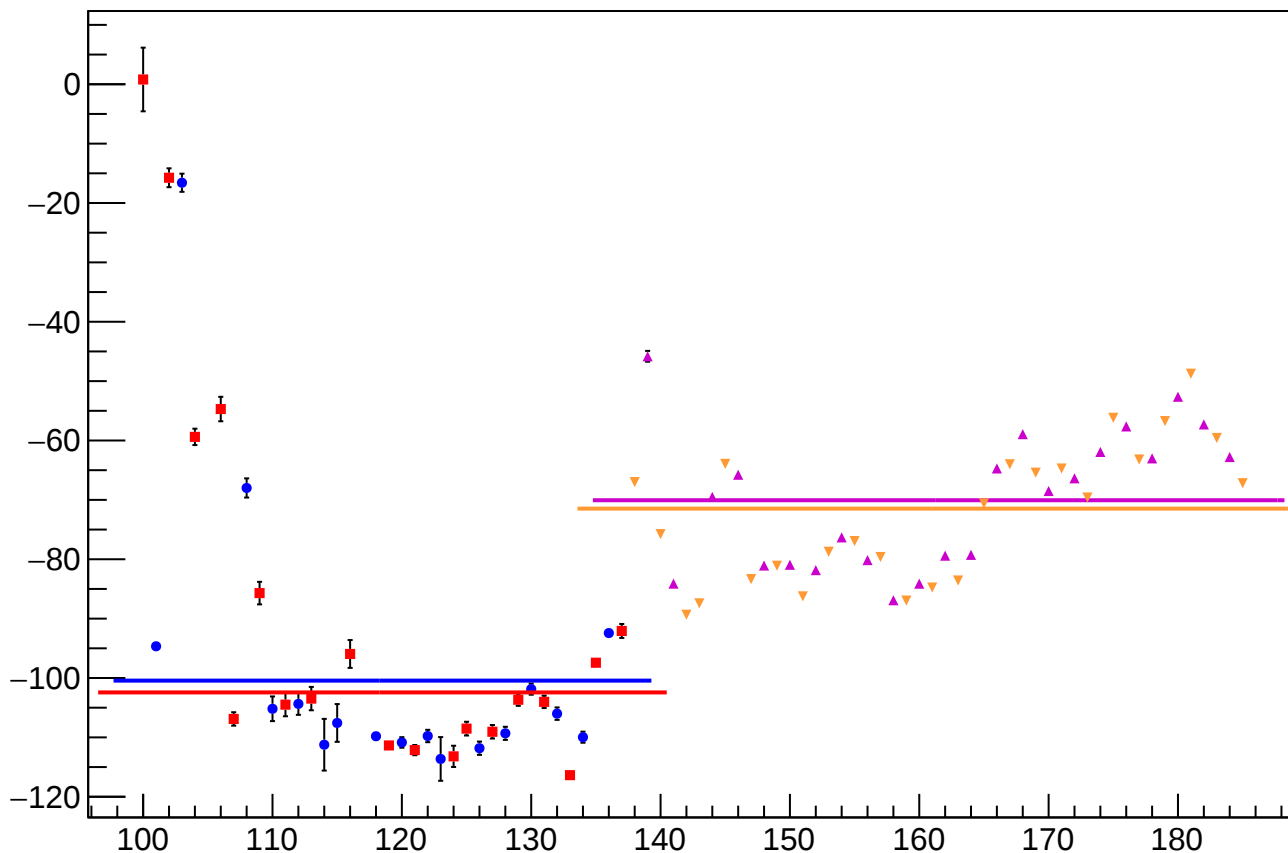
Left In: 9.328 $\pm$ 0.103 χ^2 /NDF:11968.5/22

+ sign 9.139 $\pm$ 0.098 χ^2 /NDF: 15943.9/41

All: 9.260 $\pm$ 0.070 χ^2 /NDF: 30203.6/83

- sign 9.384 $\pm$ 0.100 χ^2 /NDF: 14256.6/41

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.441 ± 0.251 χ^2/NDF : 4458.9/16

Left Out: -71.472 ± 0.089 χ^2/NDF : 16391.5/24

Right Out: -102.428 ± 0.247 χ^2/NDF : 6094.9/18

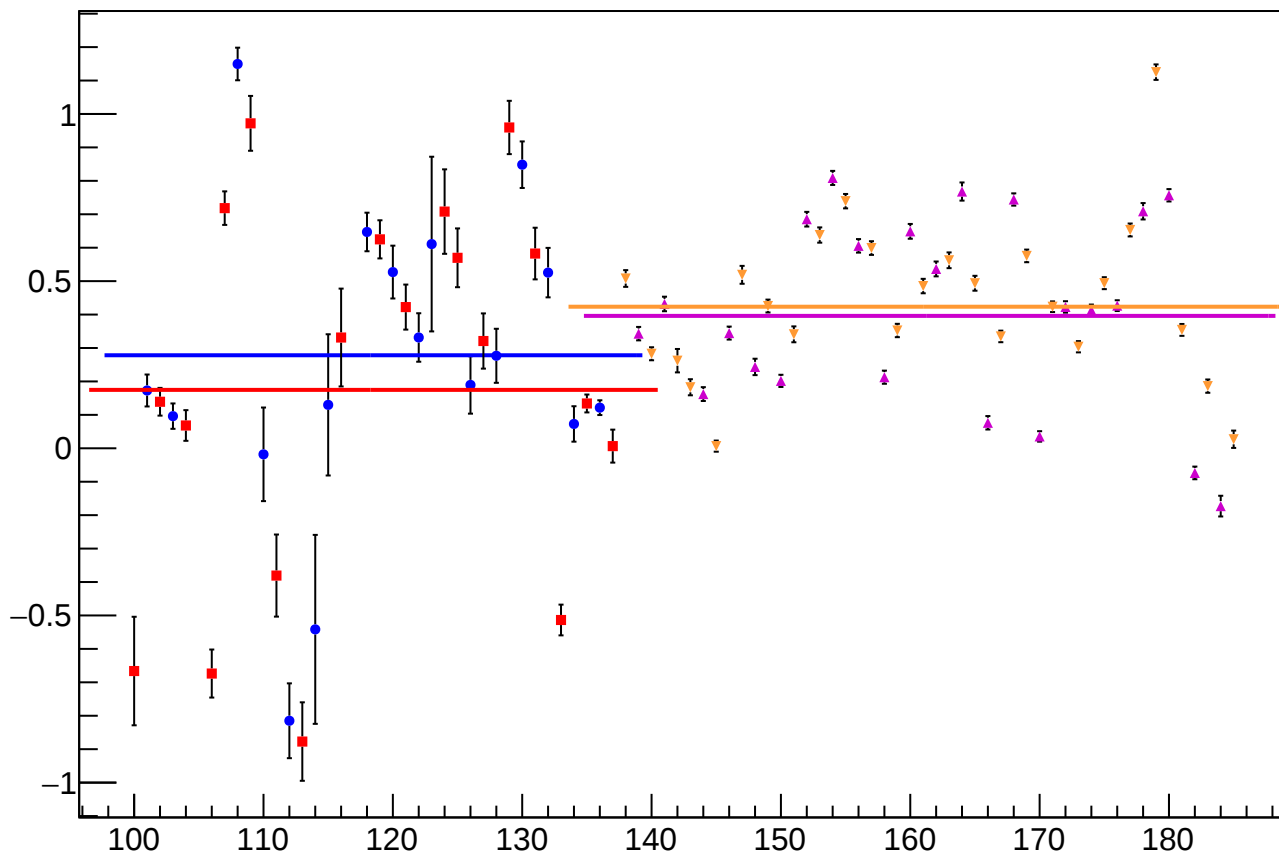
Left In: -70.061 ± 0.092 χ^2/NDF : 13058.5/22

+ sign -74.725 ± 0.084 χ^2/NDF : 32670.9/41

All: -74.367 ± 0.060 χ^2/NDF : 66987.5/83

- sign -73.993 ± 0.086 χ^2/NDF : 34279.6/41

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.278 $\pm$ 0.014 χ^2/NDF : 653.5/16

Left Out: 0.424 $\pm$ 0.004 χ^2/NDF : 2886.0/24

Right Out: 0.175 $\pm$ 0.013 χ^2/NDF : 966.1/18

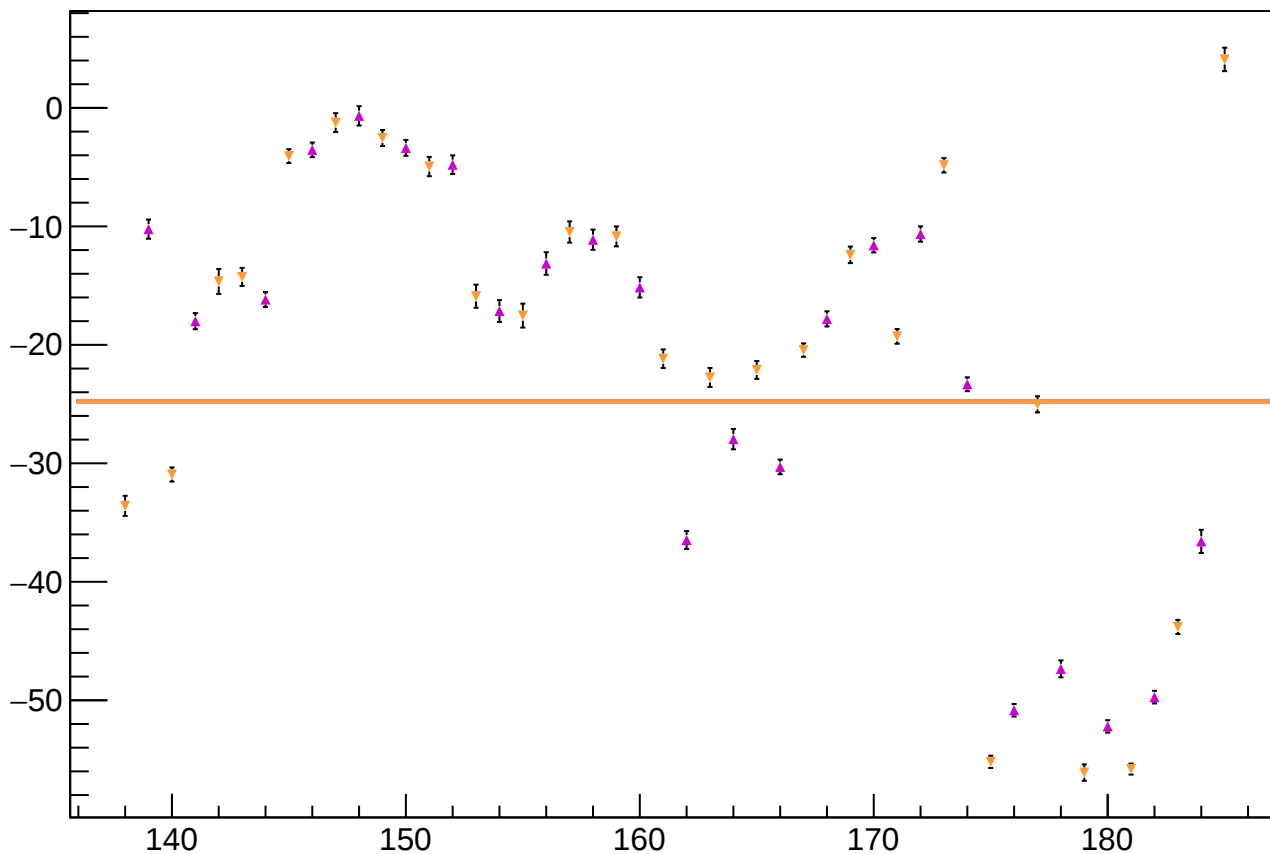
Left In: 0.396 $\pm$ 0.004 χ^2/NDF : 4051.5/22

+ sign 0.411 $\pm$ 0.004 χ^2/NDF : 3645.1/41

All: 0.394 $\pm$ 0.003 χ^2/NDF : 8946.6/83

- sign 0.377 $\pm$ 0.004 χ^2/NDF : 5263.3/41

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -24.763+/-0.139 χ^2/NDF : 18314.9/24

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

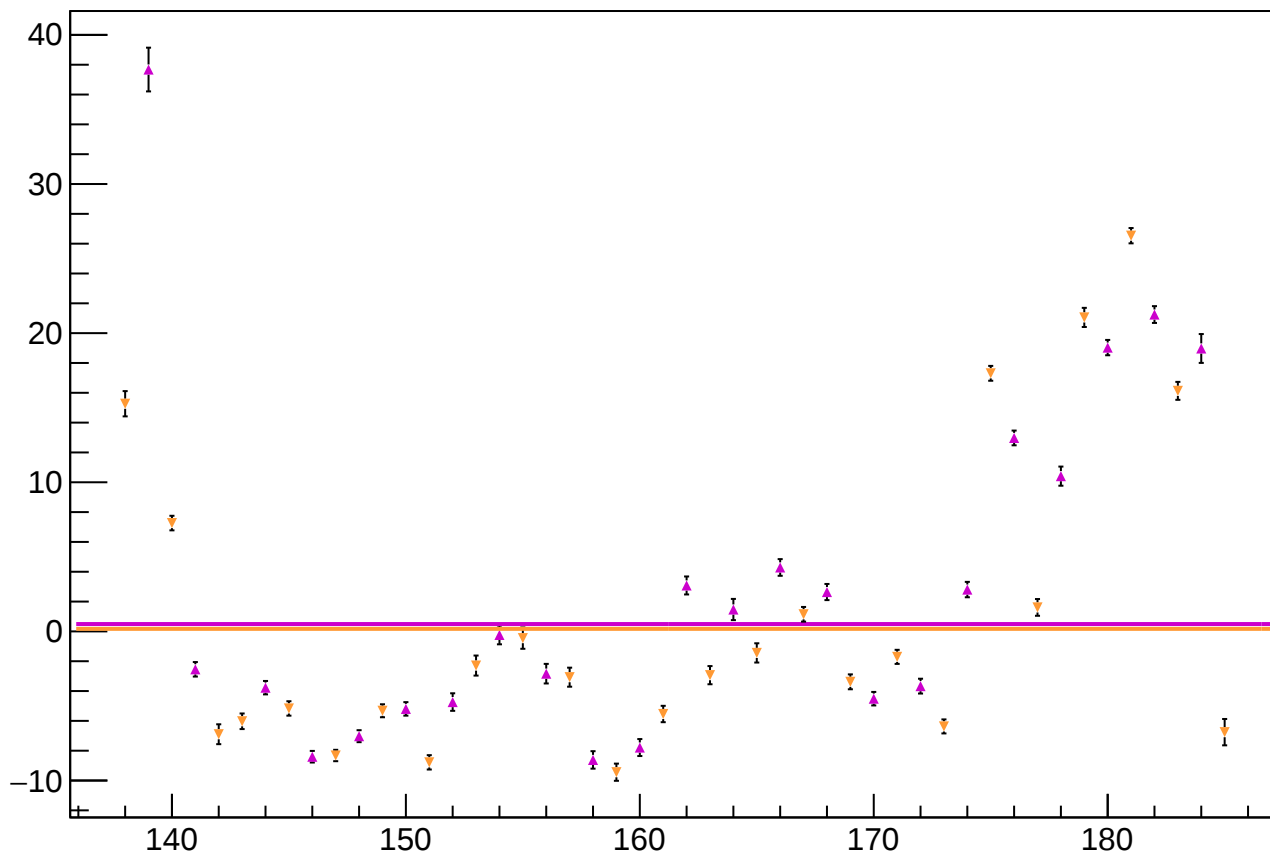
Left In: -24.775+/-0.143 χ^2/NDF : 14807.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.769+/-0.100 χ^2/NDF : 33122.2/47

- 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: 0.171+/-0.109 χ^2/NDF :8279.2/24

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

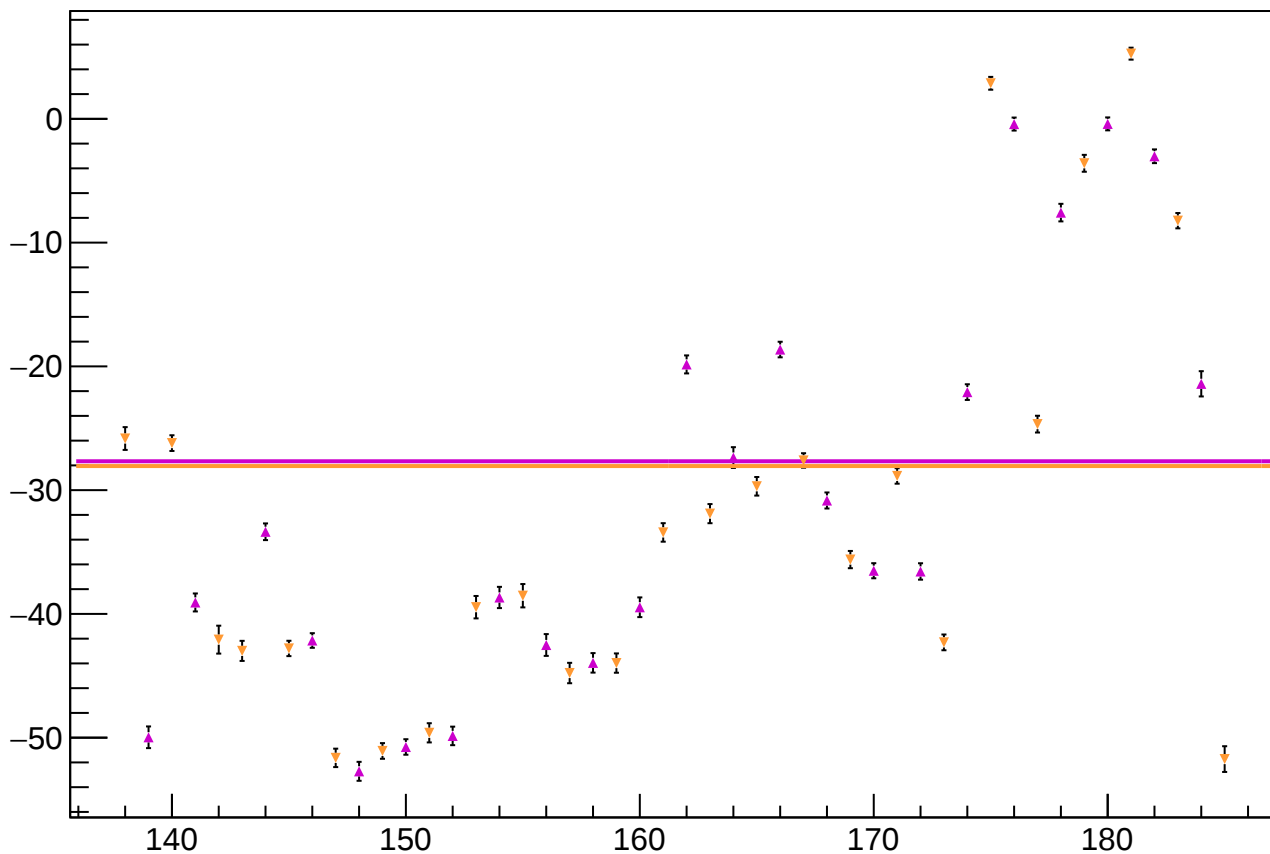
Left In: 0.493+/-0.112 χ^2/NDF :6555.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.327+/-0.078 χ^2/NDF : 14838.9/47

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -28.054 $\pm$ 0.140 χ^2 /NDF:17142.7/24

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

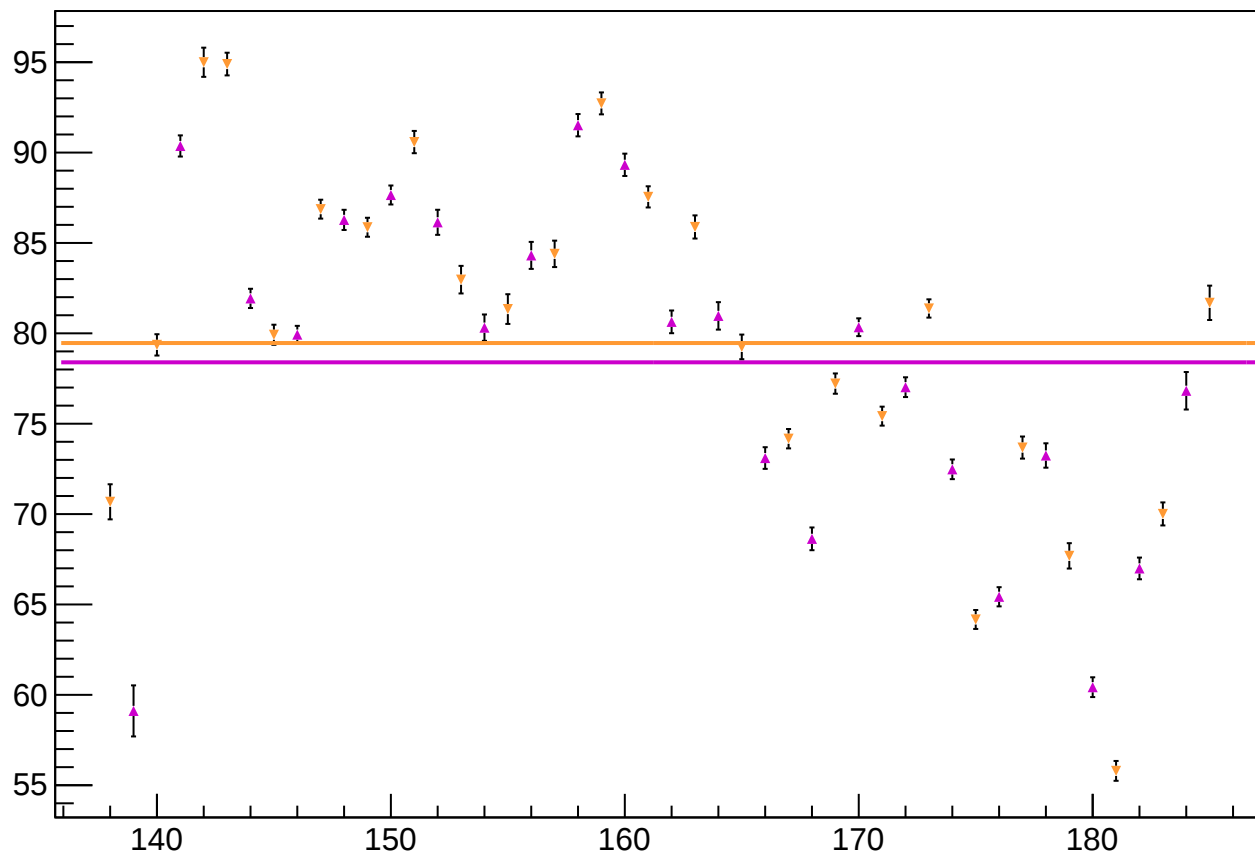
Left In: -27.666 $\pm$ 0.142 χ^2 /NDF:15003.2/22

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

All: -27.864 $\pm$ 0.100 χ^2 /NDF: 32149.7/47

- sign 0.000 $\pm$ 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: 79.464+/-0.123 χ^2/NDF : 6068.1/24

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

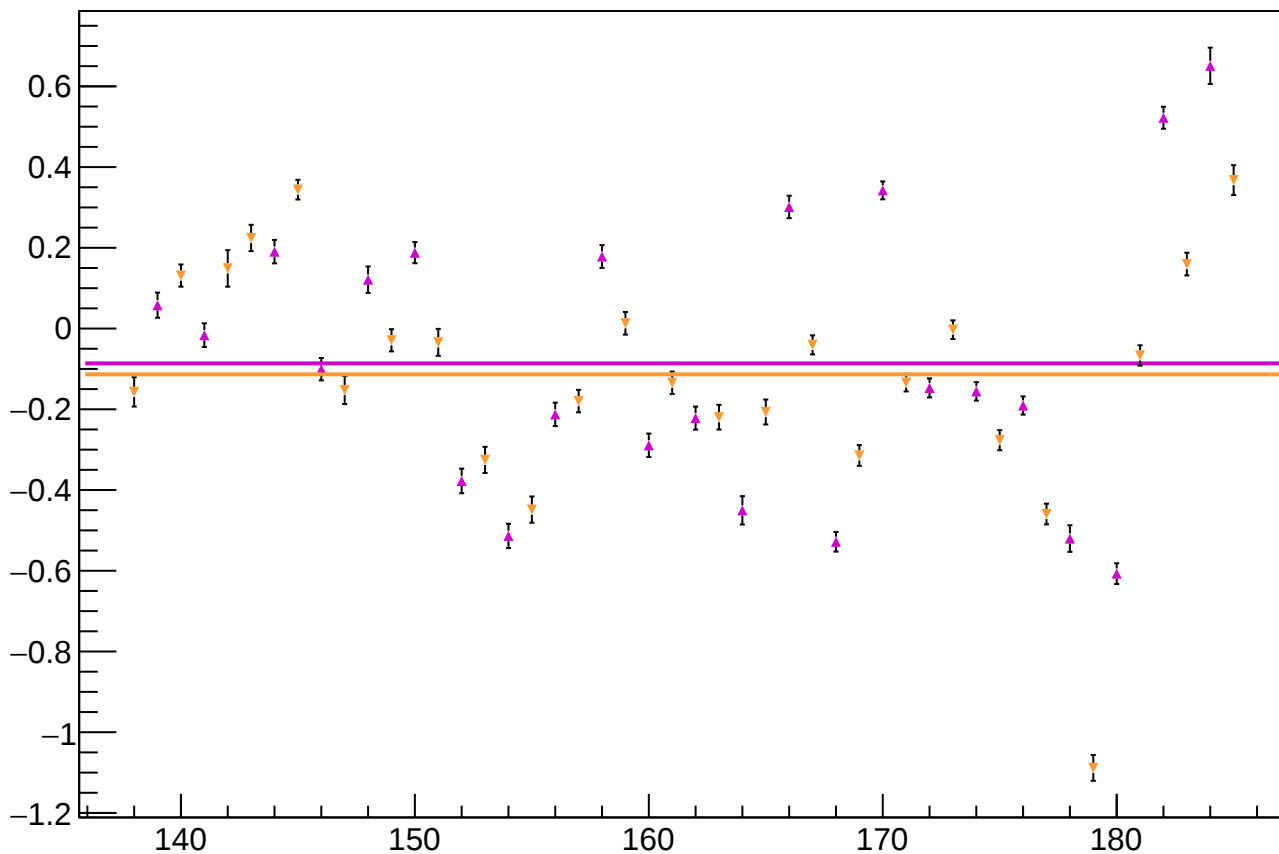
Left In: 78.396+/-0.127 χ^2/NDF : 4707.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.945+/-0.088 χ^2/NDF : 10811.8/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

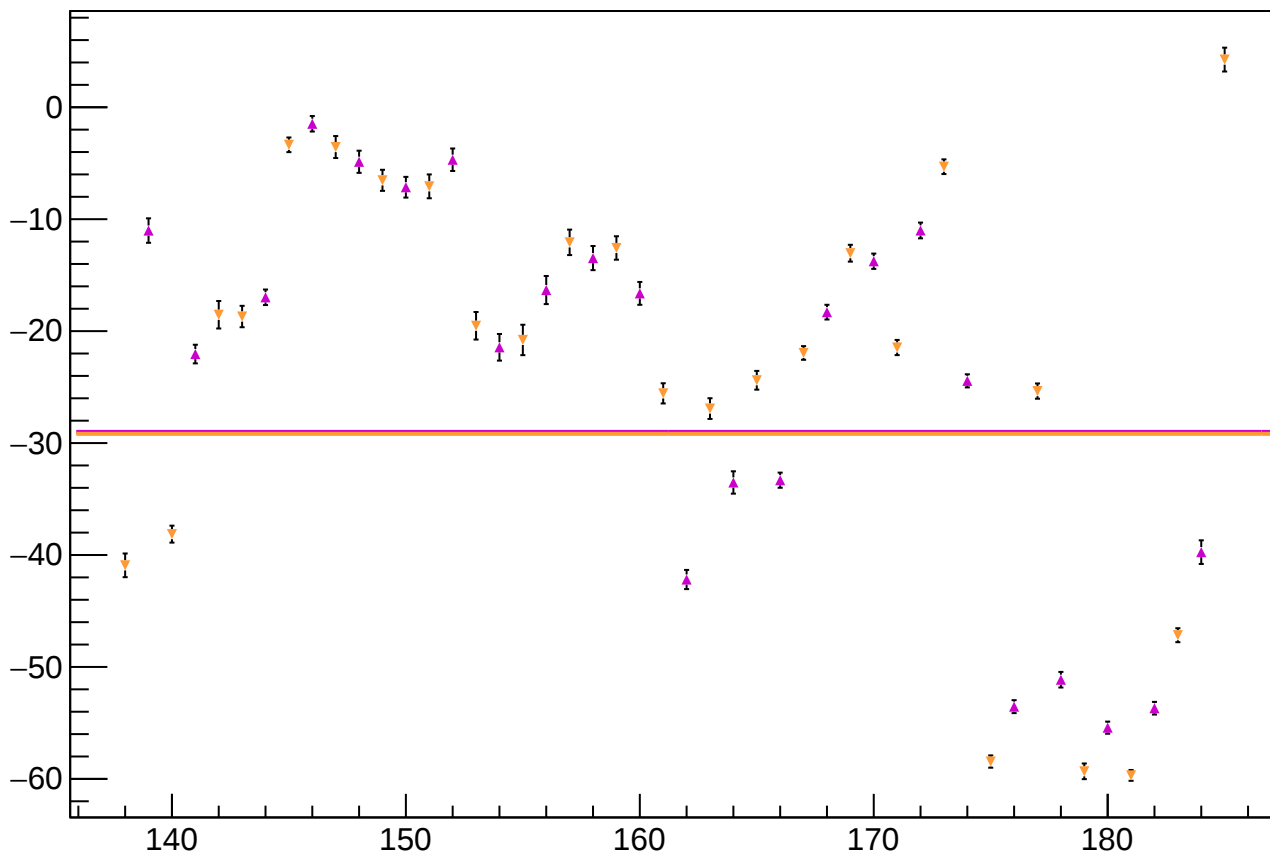
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.113 $\pm$ 0.006 χ^2 /NDF:2303.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.086 $\pm$ 0.006 χ^2 /NDF:3132.1/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.100 $\pm$ 0.004 χ^2 /NDF: 5447.0/47
 - 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -29.175 $\pm$ 0.157 χ^2 /NDF:16909.9/24

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

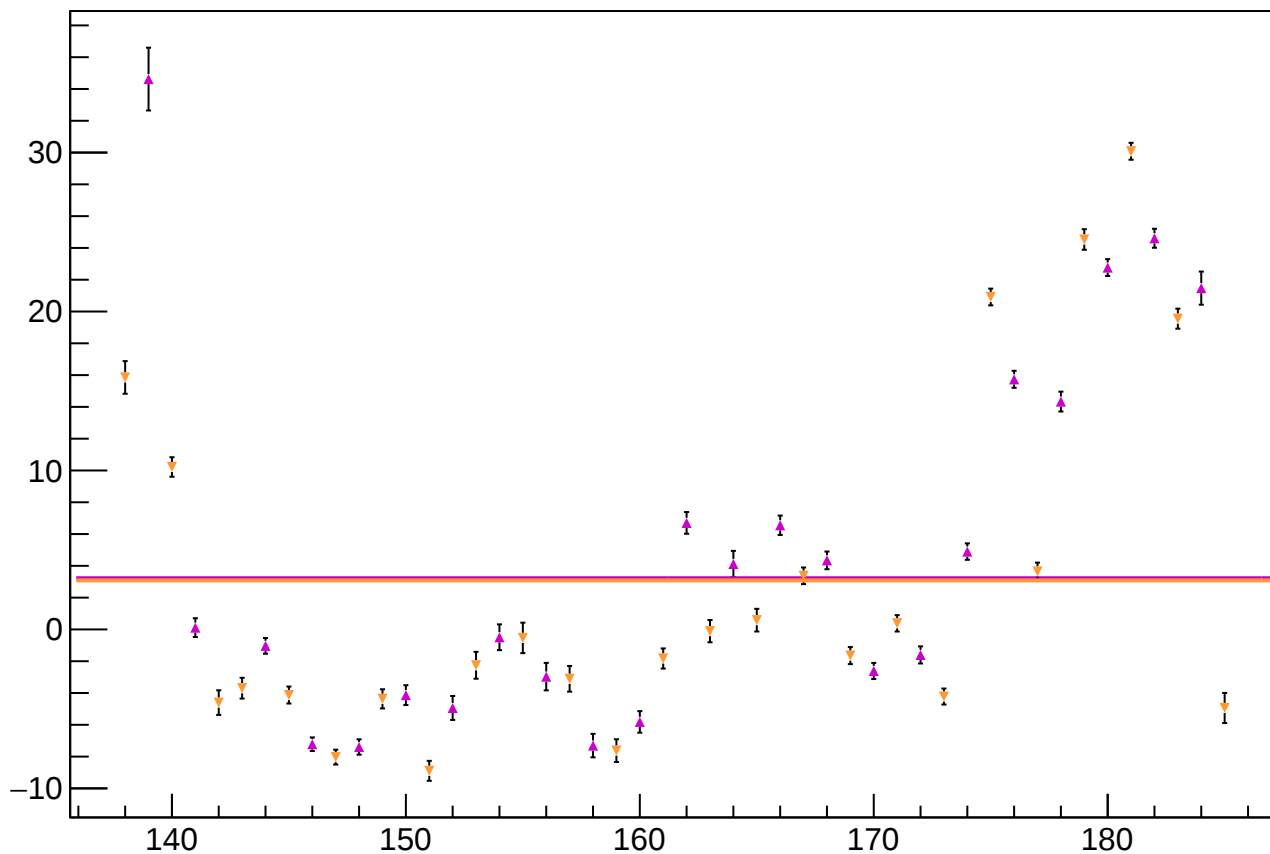
Left In: -29.003 $\pm$ 0.160 χ^2 /NDF:13416.8/22

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

All: -29.091 $\pm$ 0.112 χ^2 /NDF: 30327.3/47

- sign 0.000 $\pm$ 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: 3.083 $\pm$ 0.124 χ^2 /NDF:8069.0/24

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

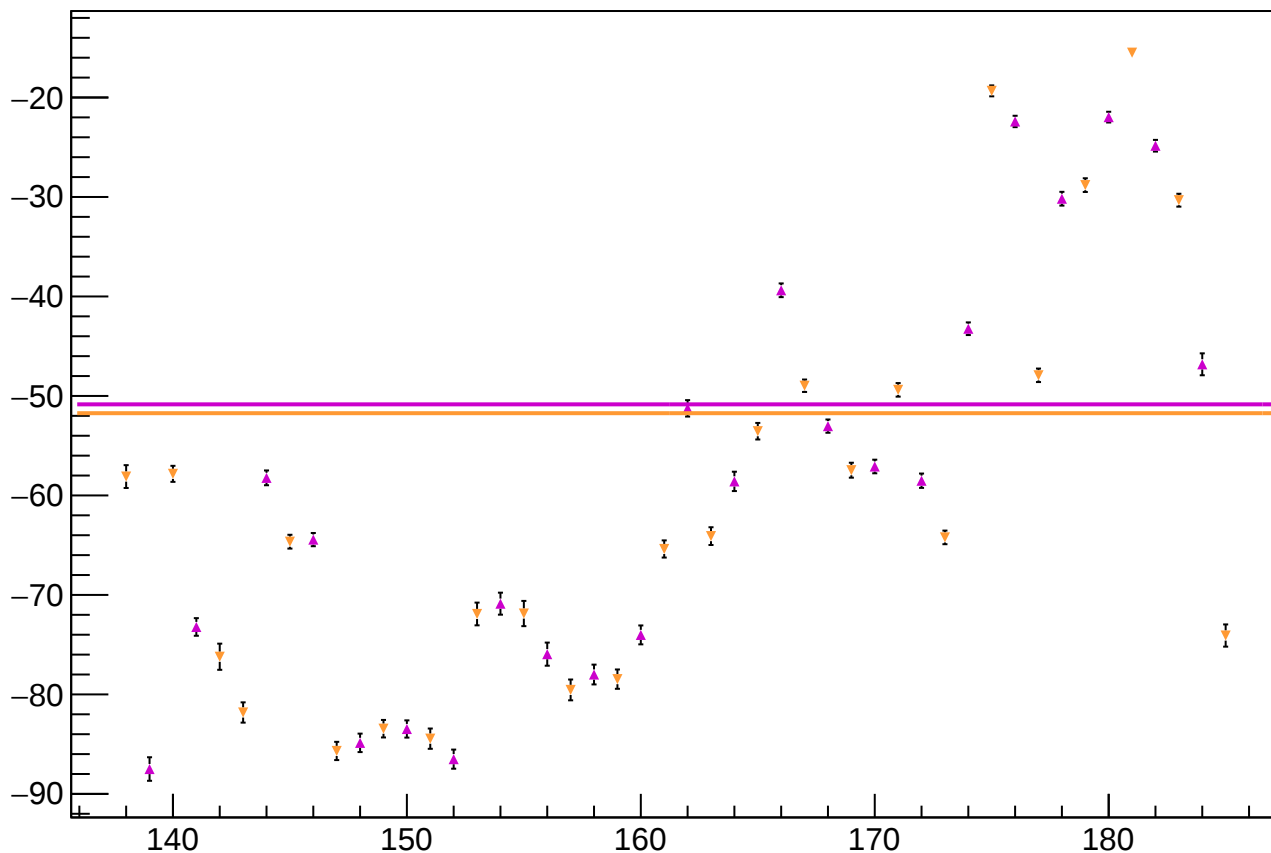
Left In: 3.221 $\pm$ 0.127 χ^2 /NDF:6237.6/22

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

All: 3.151 $\pm$ 0.089 χ^2 /NDF: 14307.3/47

- 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: -51.733+/-0.158 χ^2/NDF : 19537.5/24

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

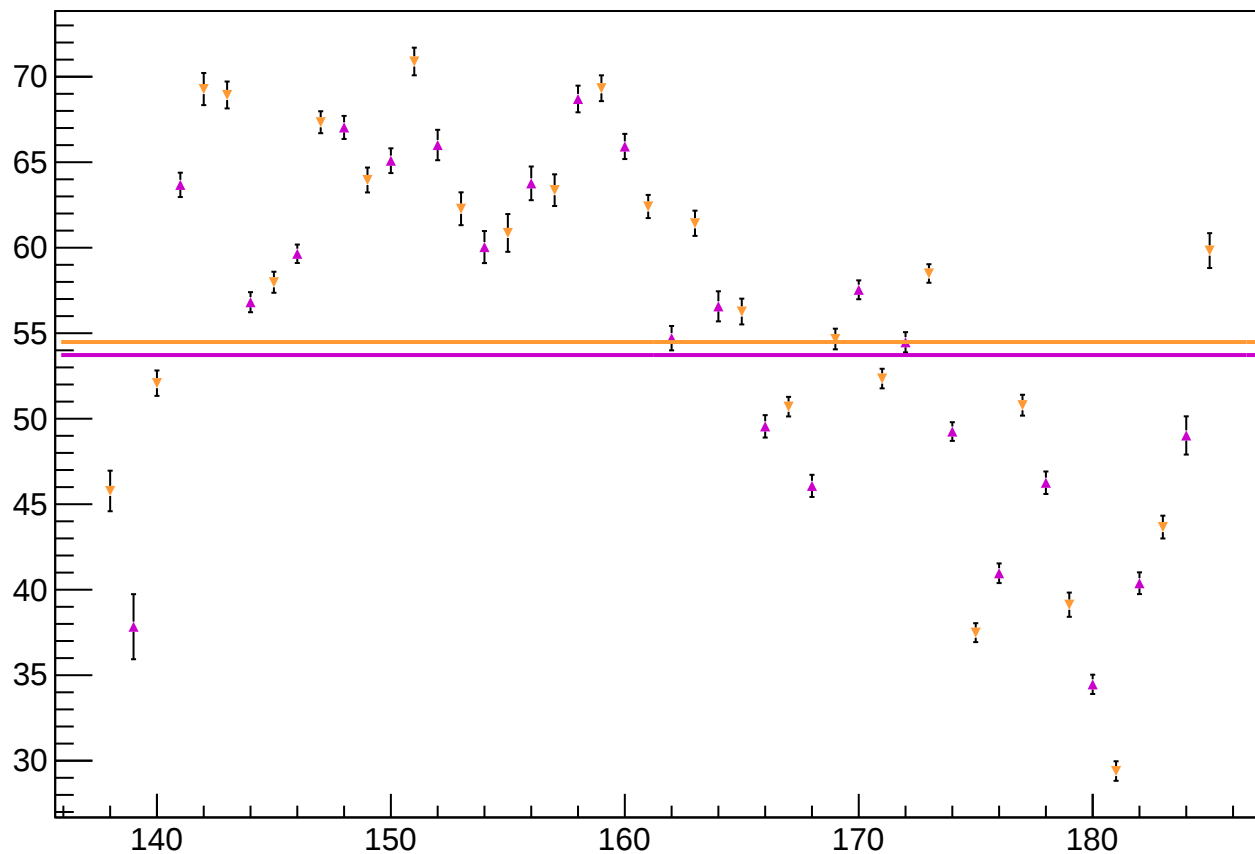
Left In: -50.844+/-0.160 χ^2/NDF : 17272.0/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.295+/-0.112 χ^2/NDF : 36825.1/47

- 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: 54.485+/-0.140 χ^2/NDF : 6257.4/24

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

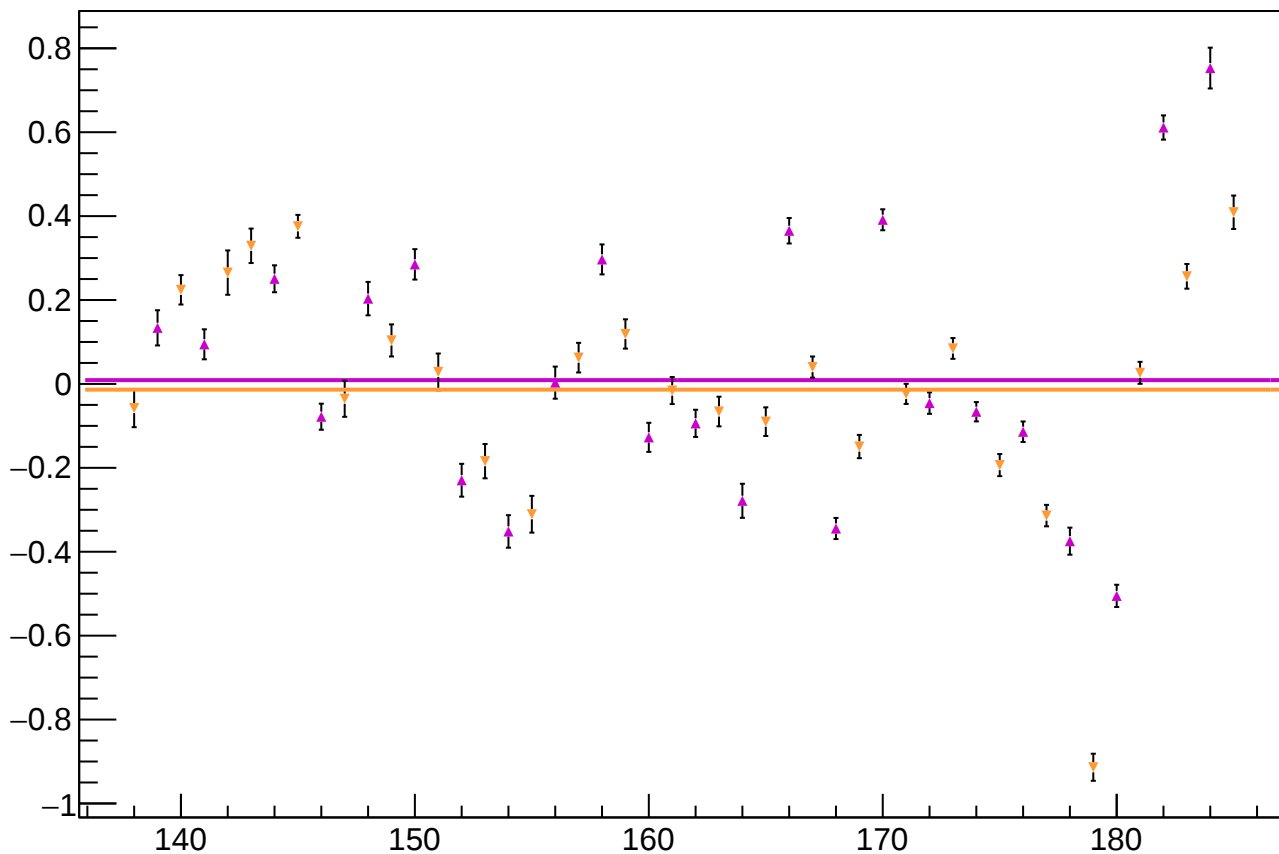
Left In: 53.724+/-0.143 χ^2/NDF : 4585.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.112+/-0.100 χ^2/NDF : 10857.6/47

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.014 $\pm$ 0.006 χ^2 /NDF:1655.5/24

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

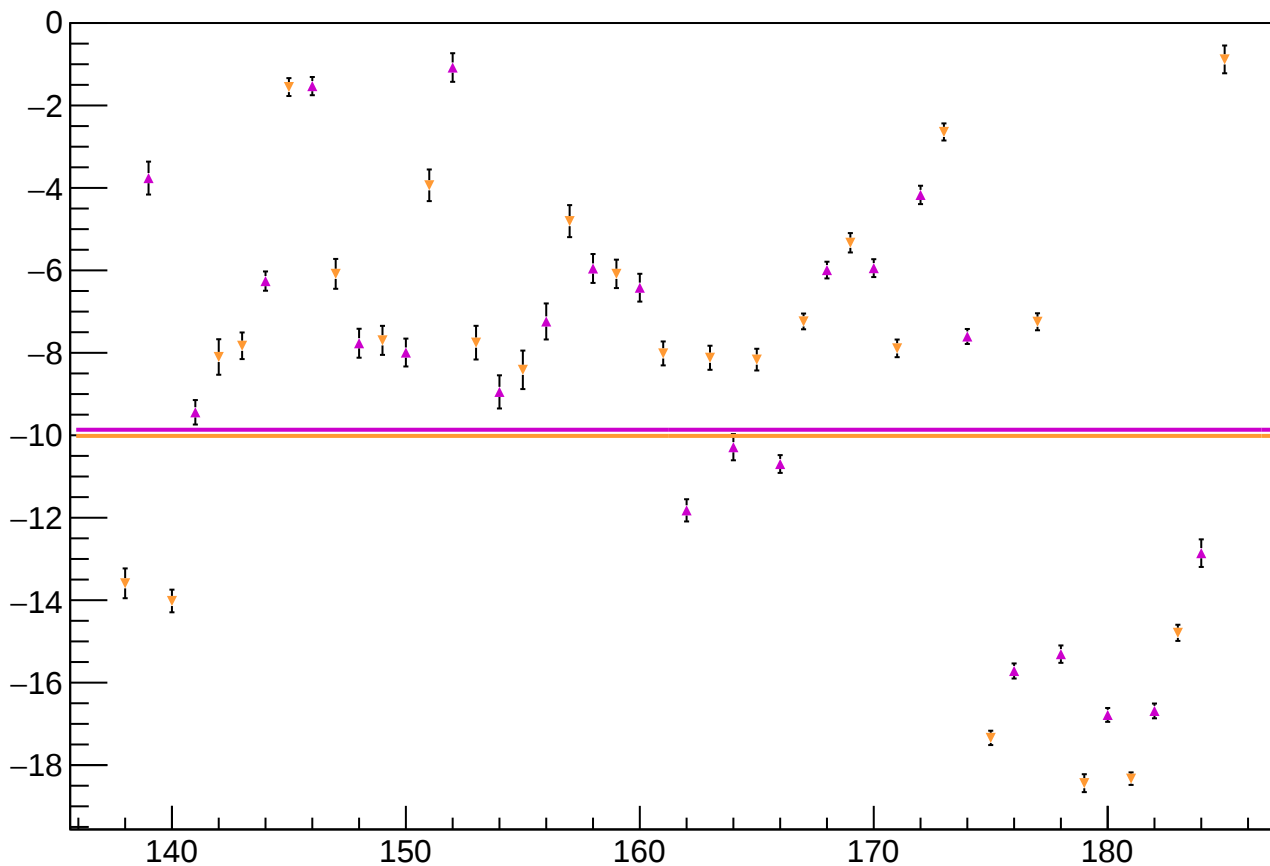
Left In: 0.009 $\pm$ 0.007 χ^2 /NDF:2220.5/22

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

All: -0.002 $\pm$ 0.005 χ^2 /NDF: 3882.1/47

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

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.015 $\pm$ 0.051 χ^2 /NDF:12550.1/24

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

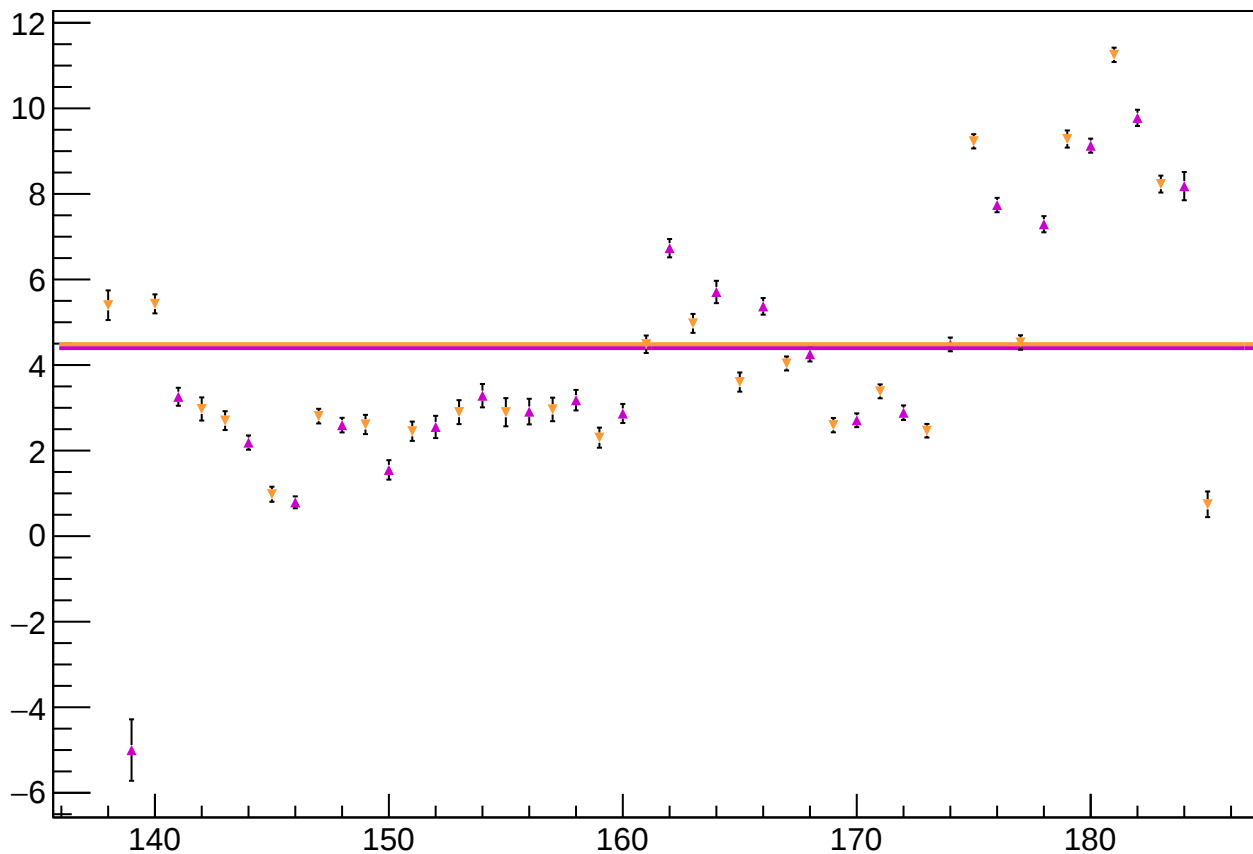
Left In: -9.865 $\pm$ 0.051 χ^2 /NDF:9345.4/22

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

All: -9.941 $\pm$ 0.036 χ^2 /NDF: 21899.8/47

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

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 4.487 $\pm$ 0.041 χ^2 /NDF:4825.1/24

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

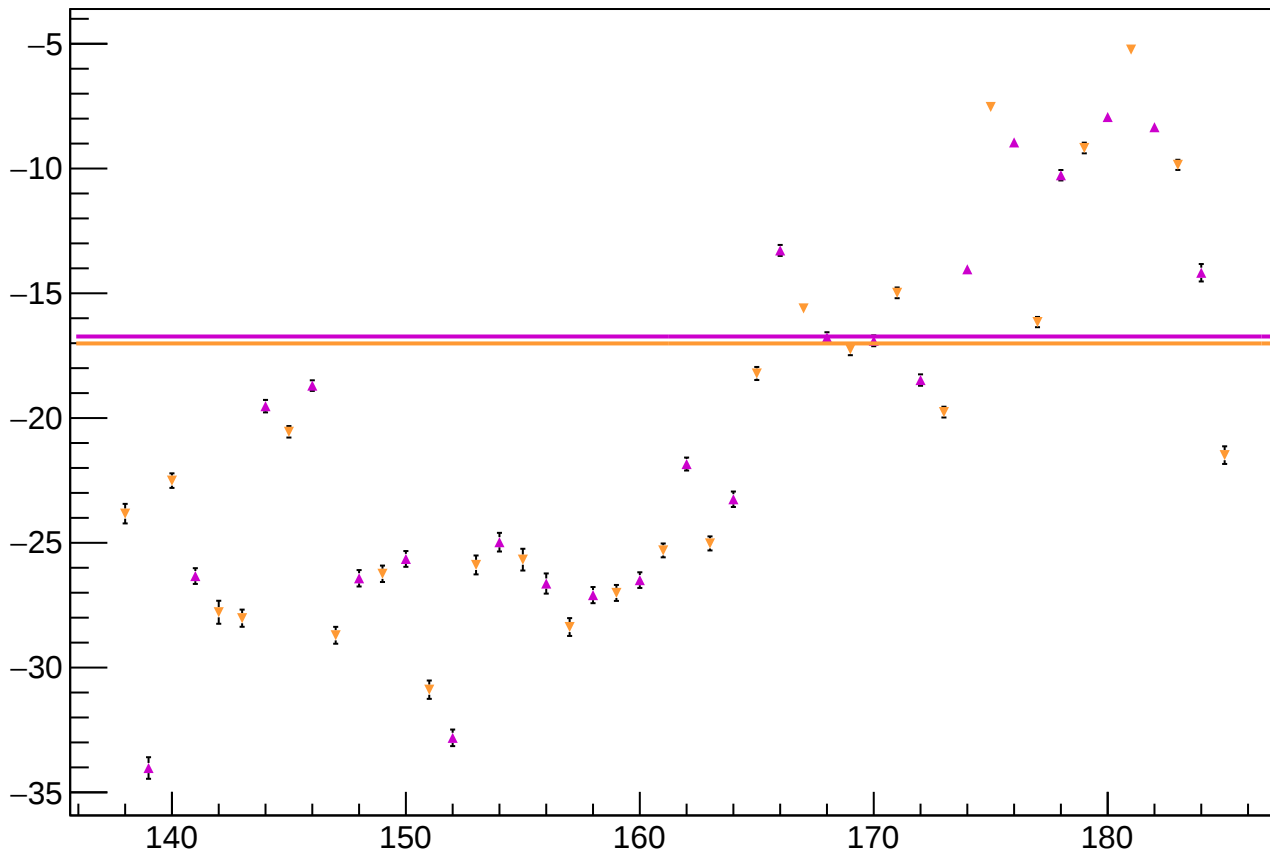
Left In: 4.396 $\pm$ 0.041 χ^2 /NDF:4230.4/22

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

All: 4.442 $\pm$ 0.029 χ^2 /NDF: 9058.0/47

- sign 0.000 $\pm$ 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: -17.010 $\pm$ 0.051 χ^2 /NDF: 22093.9/24

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

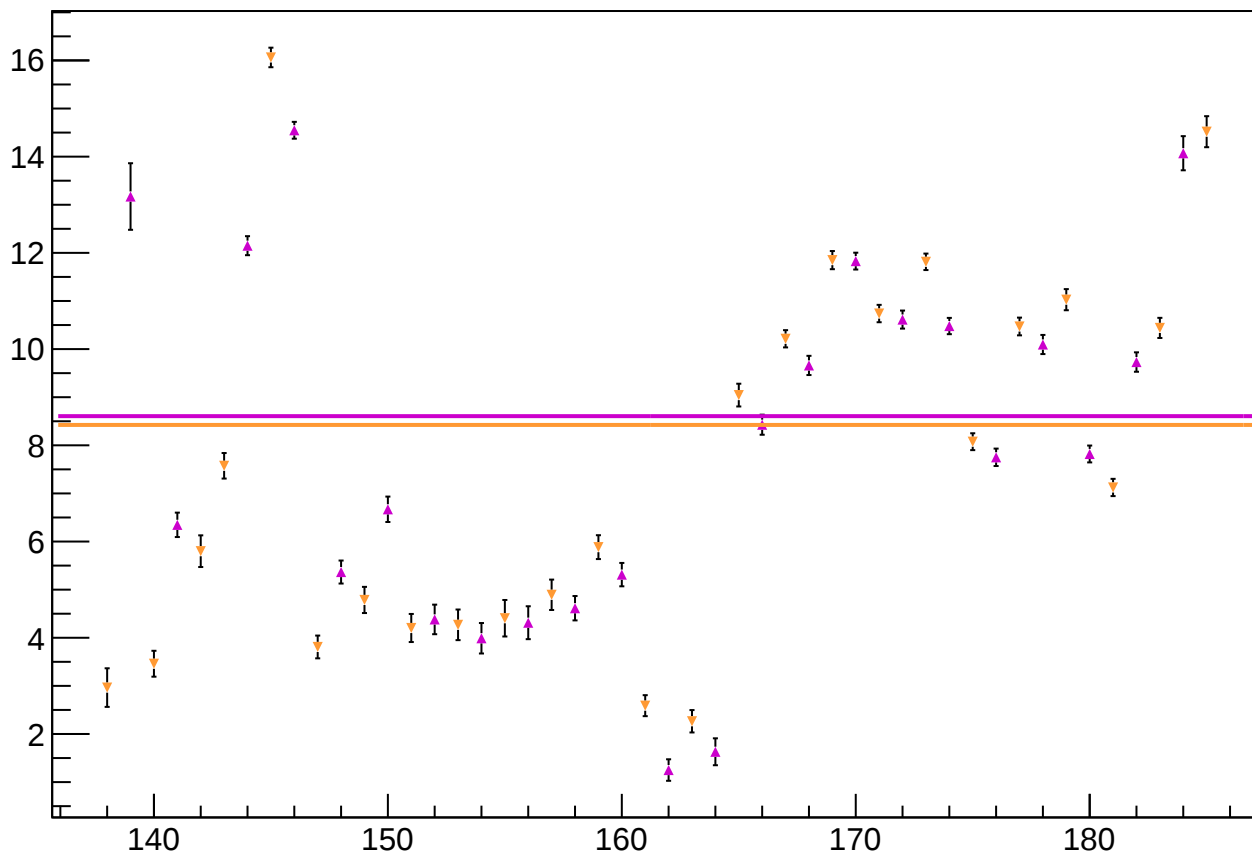
Left In: -16.732 $\pm$ 0.052 χ^2 /NDF: 18777.2/22

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

All: -16.872 $\pm$ 0.036 χ^2 /NDF: 40885.9/47

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

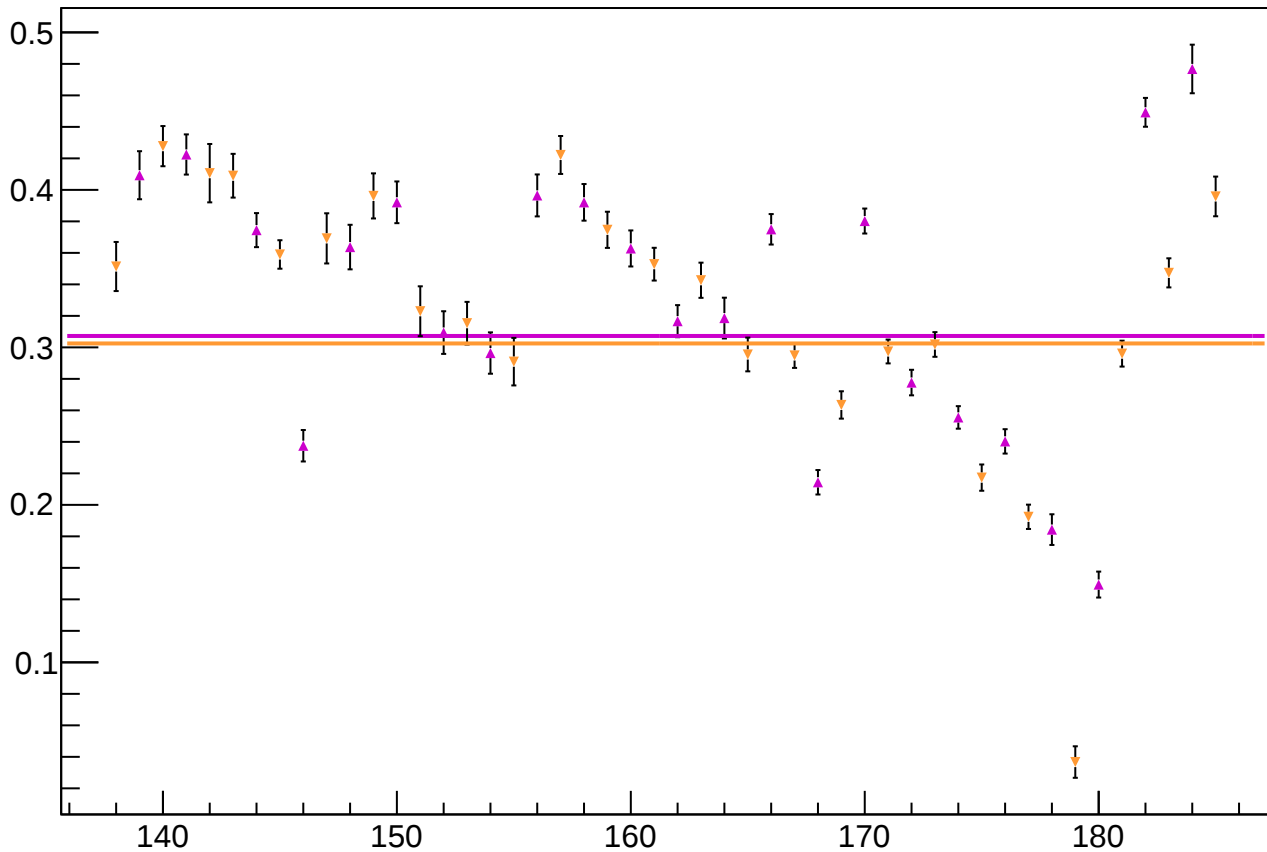
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.424 $\pm$ 0.046 χ^2 /NDF:6473.5/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.606 $\pm$ 0.046 χ^2 /NDF:5504.2/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 8.514 $\pm$ 0.032 χ^2 /NDF: 11985.7/47
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

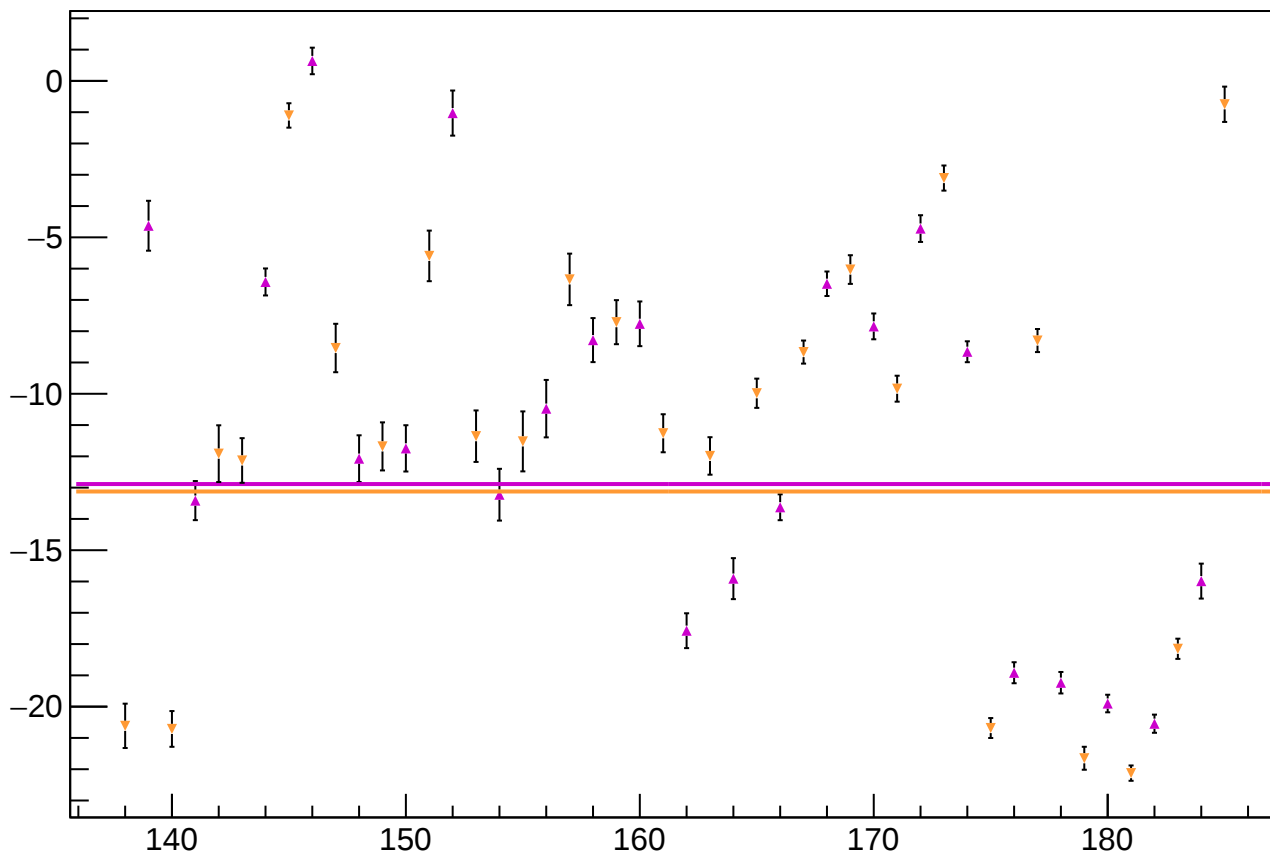
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.302 $\pm$ 0.002 χ^2 /NDF:1590.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1699.5/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.305 $\pm$ 0.001 χ^2 /NDF: 3293.0/47
 - sign 0.000 $\pm$ 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: -13.123 $\pm$ 0.094 χ^2 /NDF:5977.1/24

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

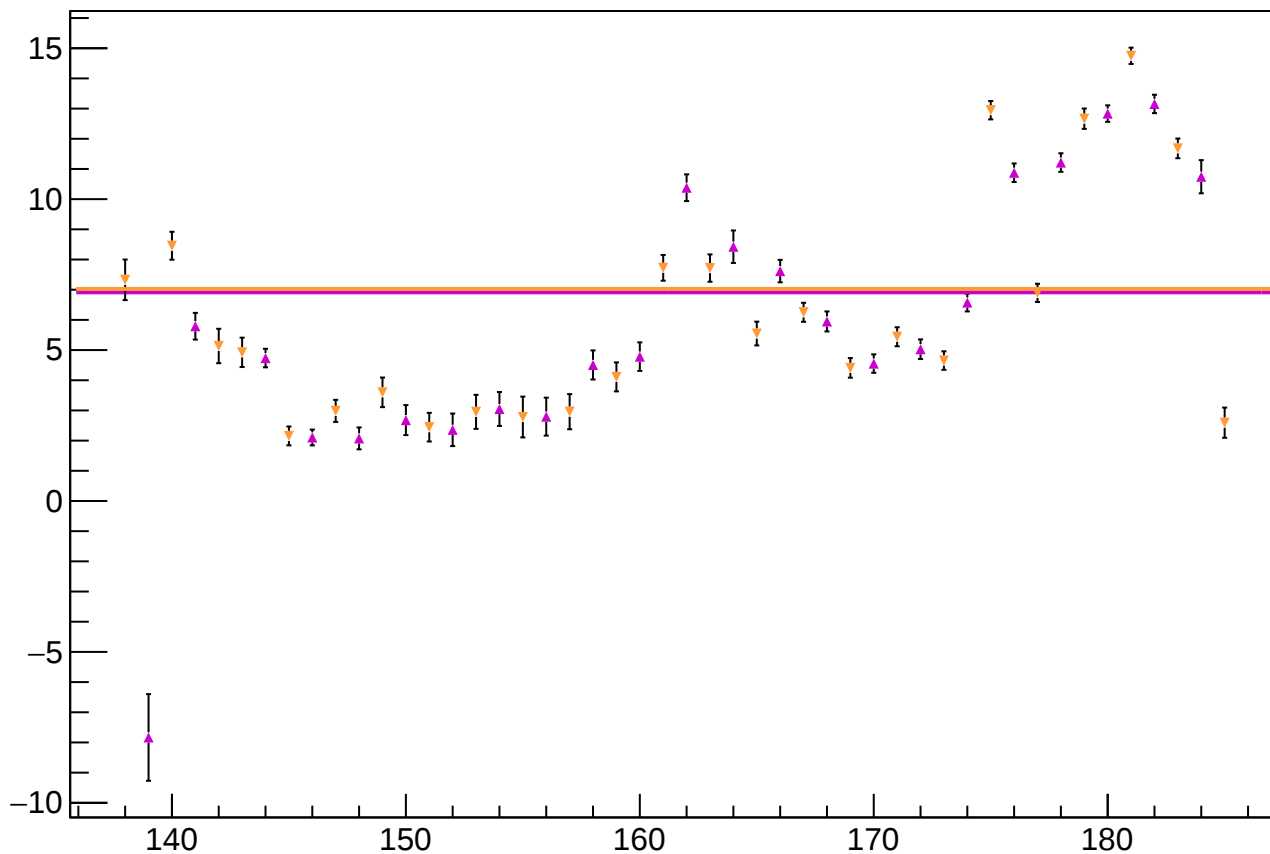
Left In: -12.885 $\pm$ 0.095 χ^2 /NDF:4776.2/22

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

All: -13.006 $\pm$ 0.067 χ^2 /NDF: 10756.4/47

- 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: 7.025 $\pm$ 0.077 χ^2 /NDF:2661.4/24

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

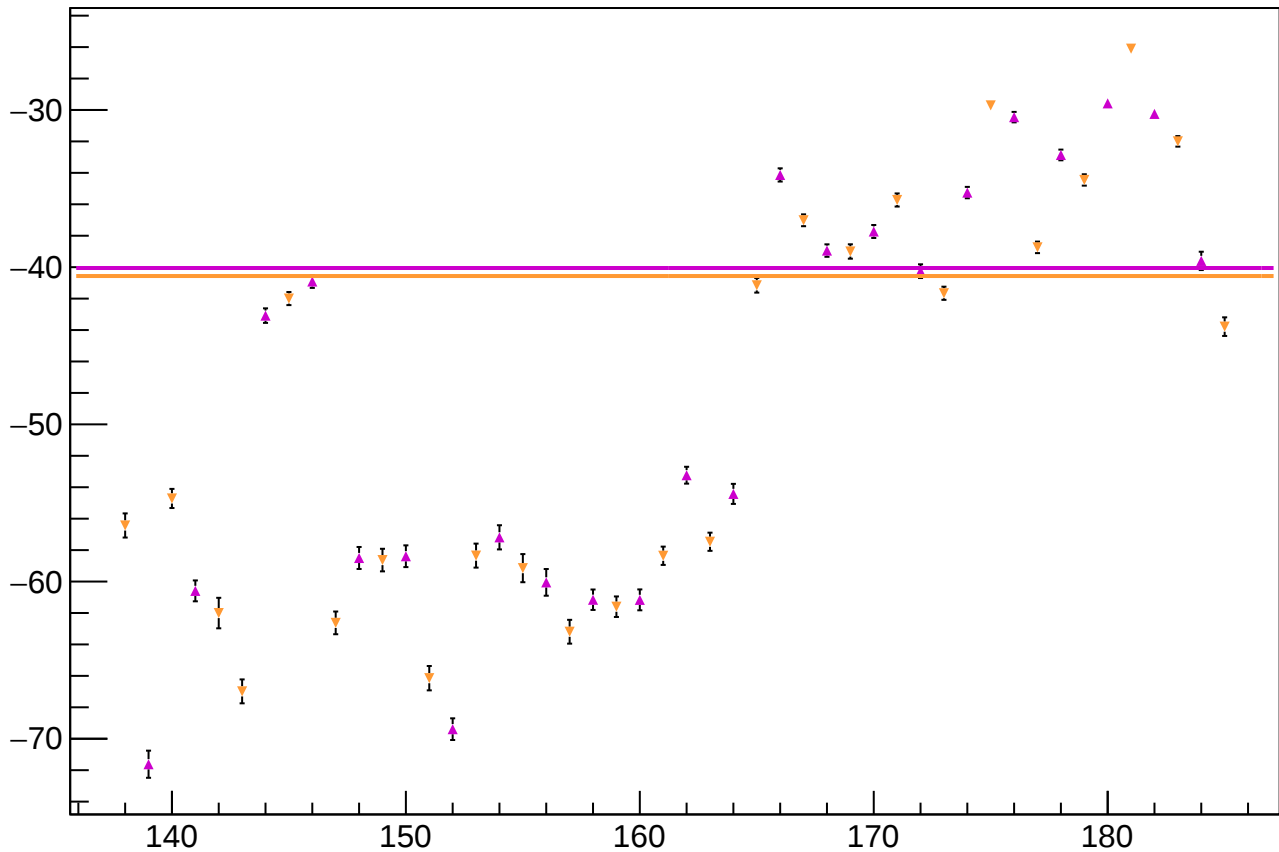
Left In: 6.914 $\pm$ 0.078 χ^2 /NDF:2428.2/22

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

All: 6.970 $\pm$ 0.055 χ^2 /NDF: 5090.7/47

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -40.564 $\pm$ 0.095 χ^2 /NDF:15638.7/24

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

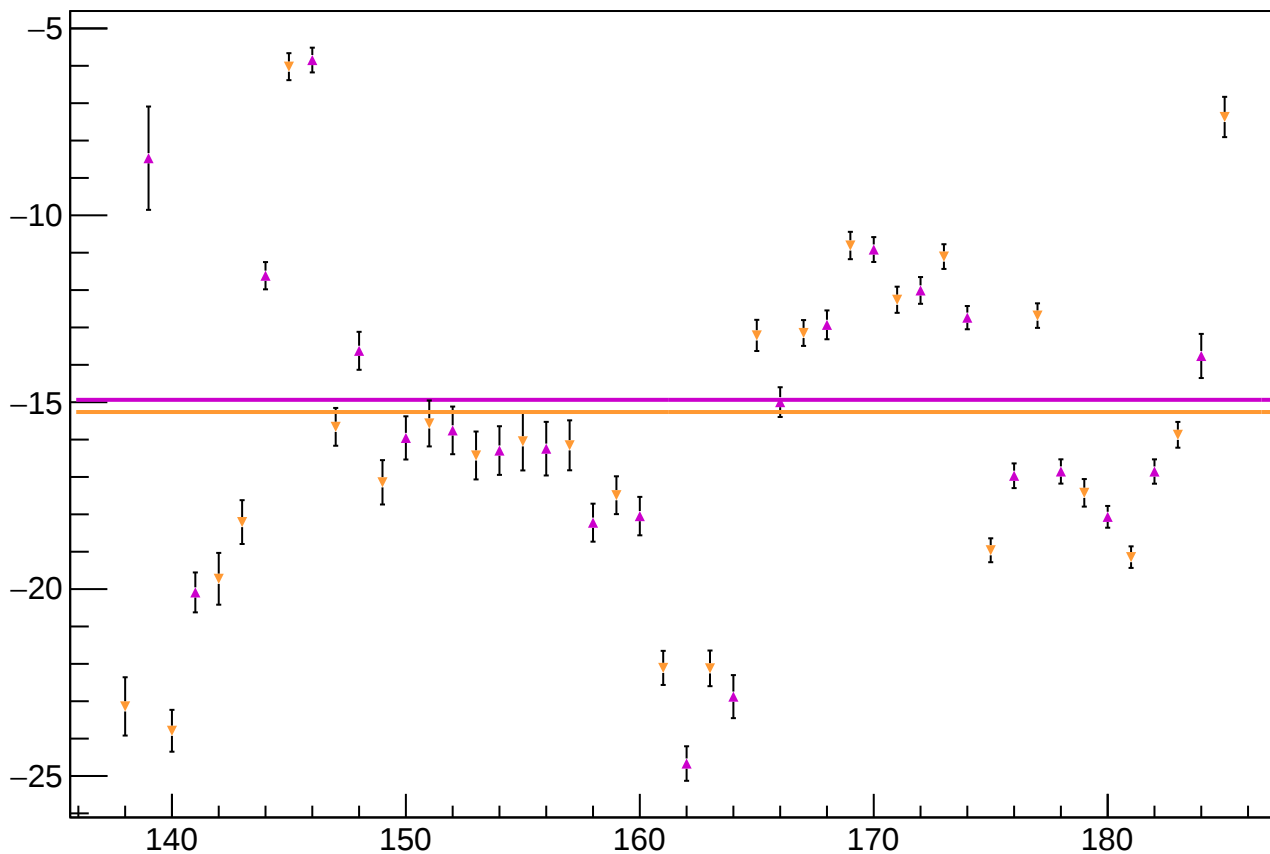
Left In: -40.053 $\pm$ 0.096 χ^2 /NDF:13927.3/22

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

All: -40.311 $\pm$ 0.067 χ^2 /NDF: 29580.4/47

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

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.262 $\pm$ 0.086 χ^2 /NDF:2594.9/24

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

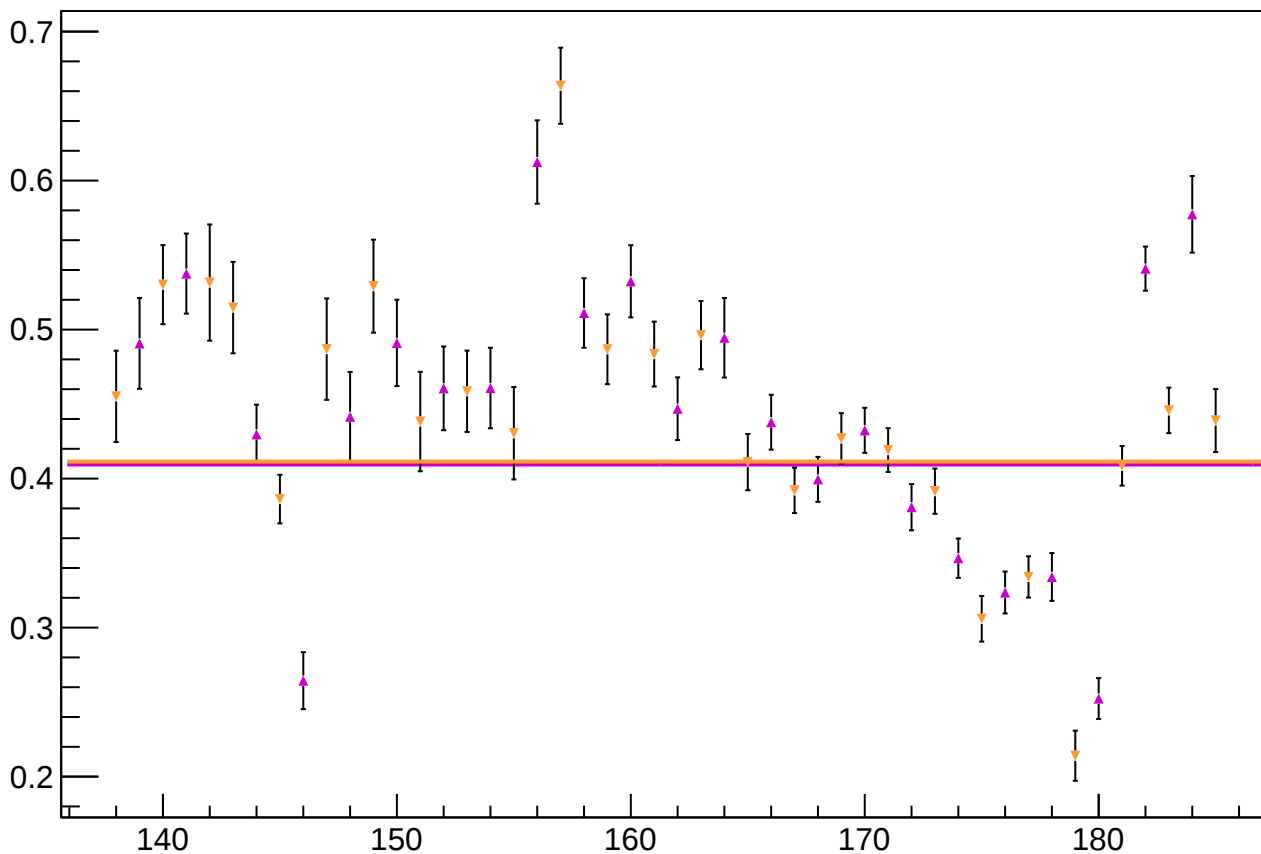
Left In: -14.936 $\pm$ 0.087 χ^2 /NDF:2199.7/22

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

All: -15.101 $\pm$ 0.061 χ^2 /NDF: 4801.8/47

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

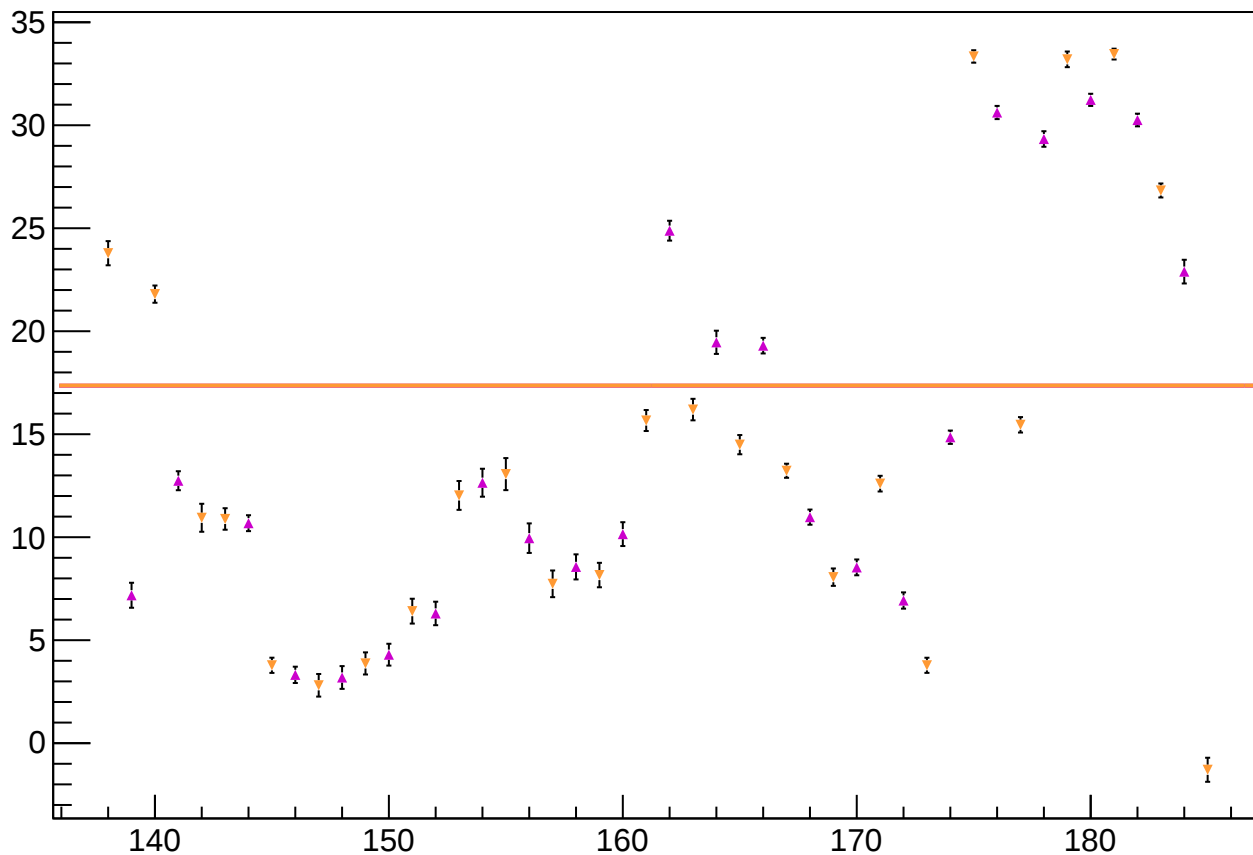
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.411 $\pm$ 0.004 χ^2 /NDF:428.8/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.409 $\pm$ 0.004 χ^2 /NDF:557.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.410 $\pm$ 0.003 χ^2 /NDF: 986.8/47
 - 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.365+/-0.087 χ^2/NDF :16335.8/24

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

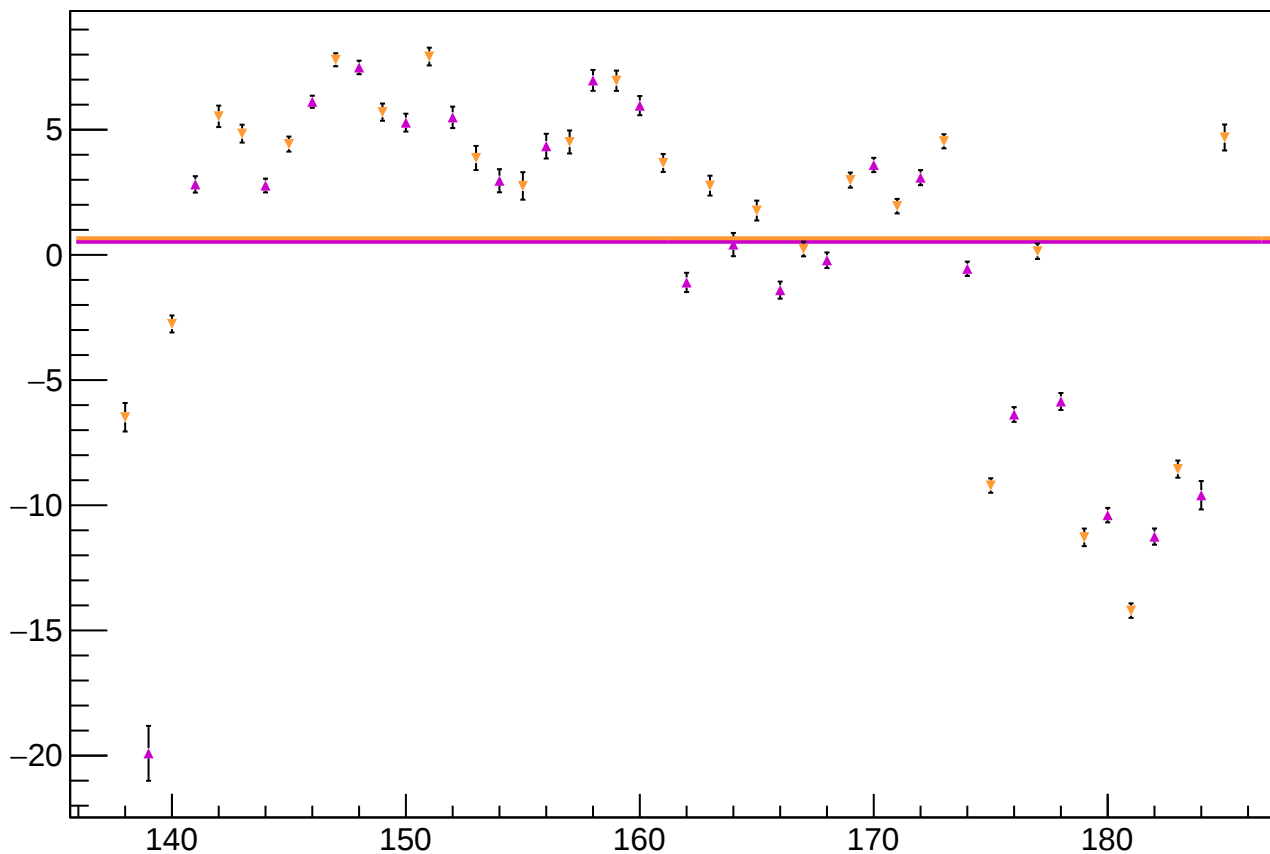
Left In: 17.355+/-0.089 χ^2/NDF :12745.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.360+/-0.062 χ^2/NDF : 29081.0/47

- sign 0.000+/-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: 0.665 $\pm$ 0.069 χ^2 /NDF:8538.2/24

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

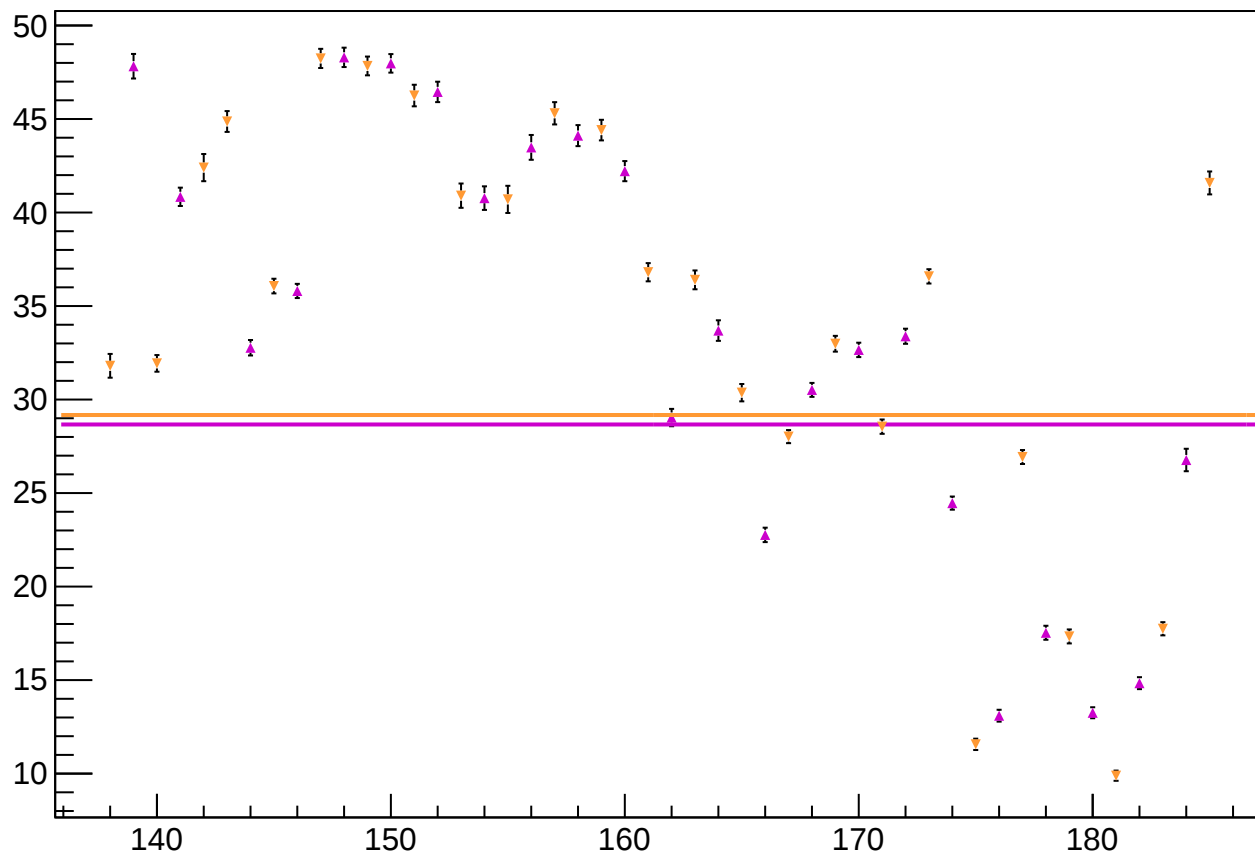
Left In: 0.524 $\pm$ 0.071 χ^2 /NDF:6729.7/22

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

All: 0.596 $\pm$ 0.050 χ^2 /NDF: 15269.9/47

- 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: 29.173 $\pm$ 0.088 χ^2 /NDF:18974.2/24

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

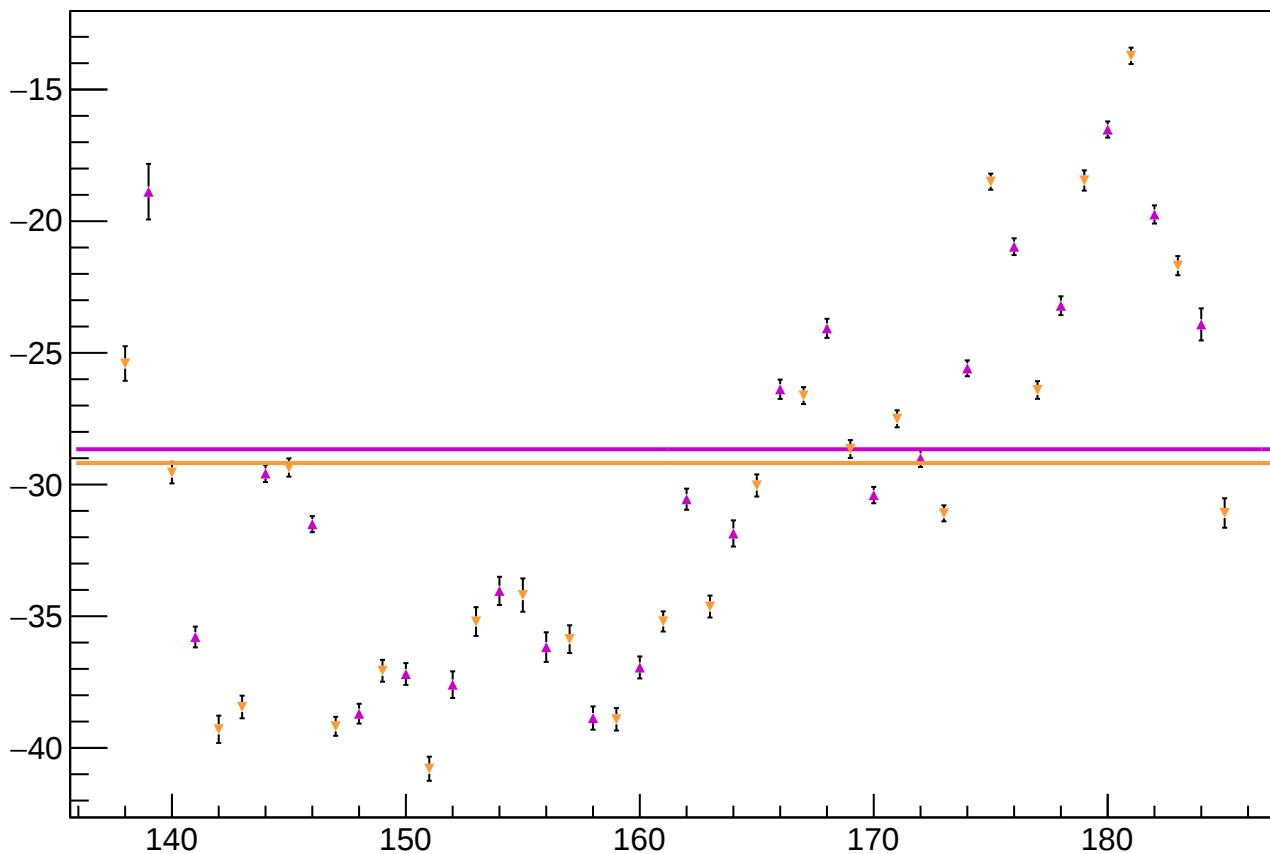
Left In: 28.667 $\pm$ 0.089 χ^2 /NDF:16847.2/22

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

All: 28.924 $\pm$ 0.063 χ^2 /NDF: 35837.8/47

- 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: -29.183+/-0.078 χ^2/NDF : 9069.0/24

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

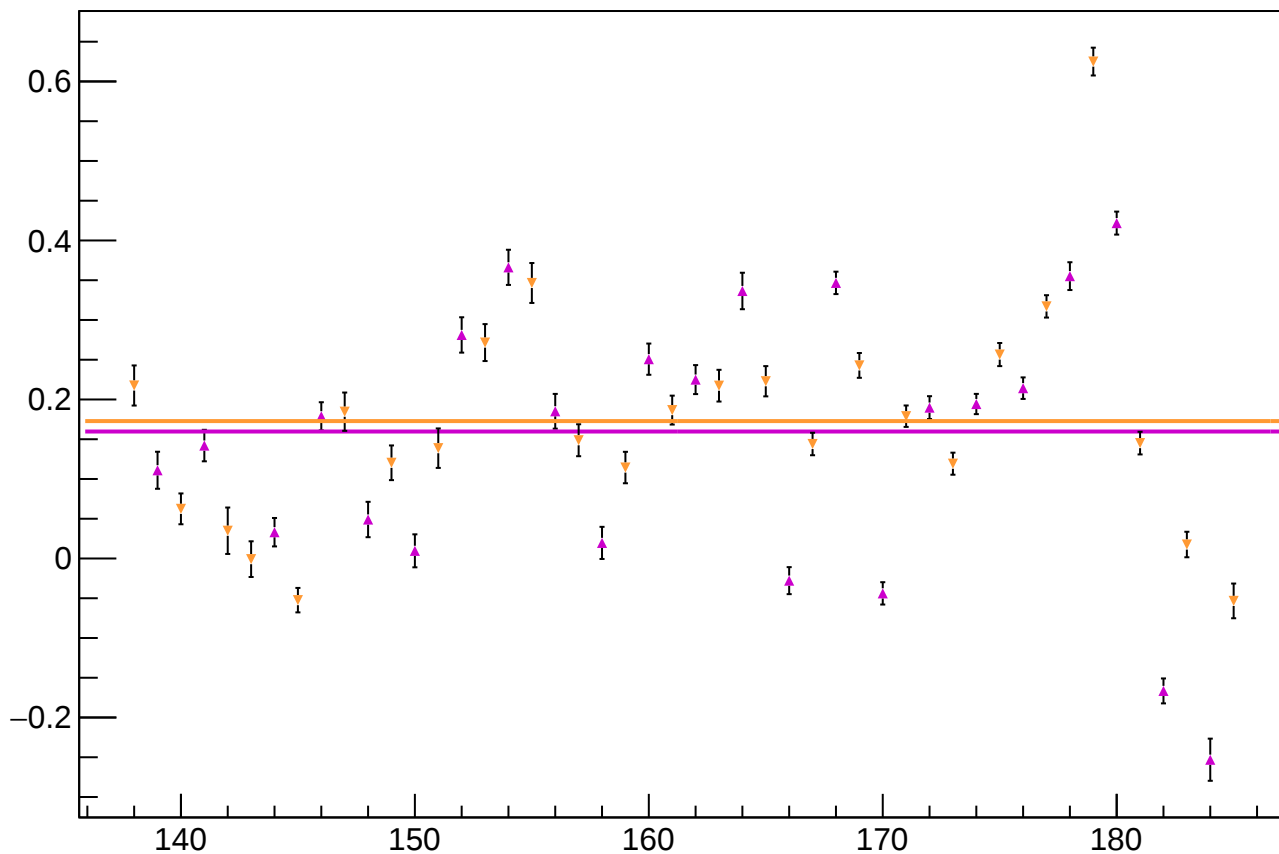
Left In: -28.660+/-0.080 χ^2/NDF : 6670.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.927+/-0.056 χ^2/NDF : 15761.1/47

- 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: 0.173 $\pm$ 0.004 χ^2 /NDF:1479.2/24

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

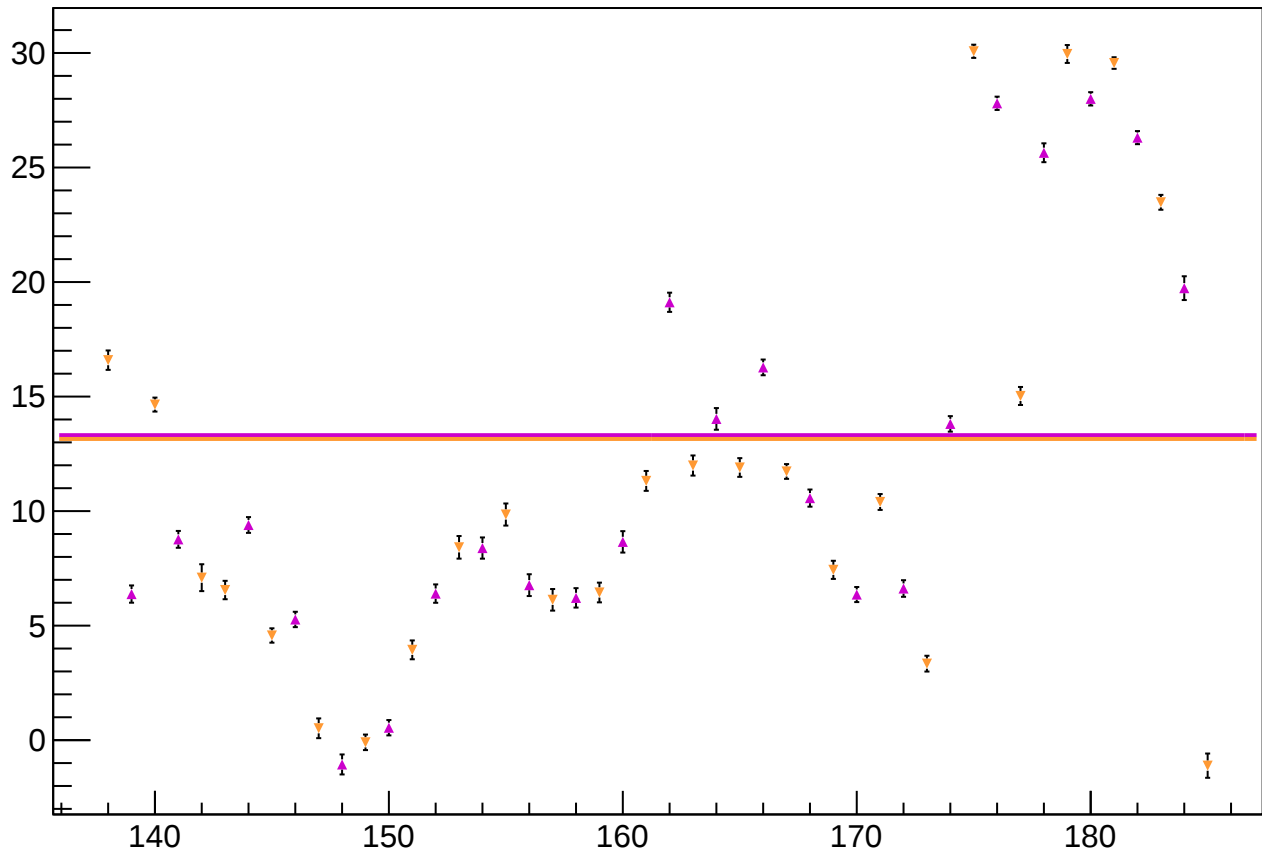
Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:2057.9/22

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

All: 0.166 $\pm$ 0.003 χ^2 /NDF: 3543.7/47

- 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: 13.150 $\pm$ 0.075 χ^2 /NDF:17075.5/24

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

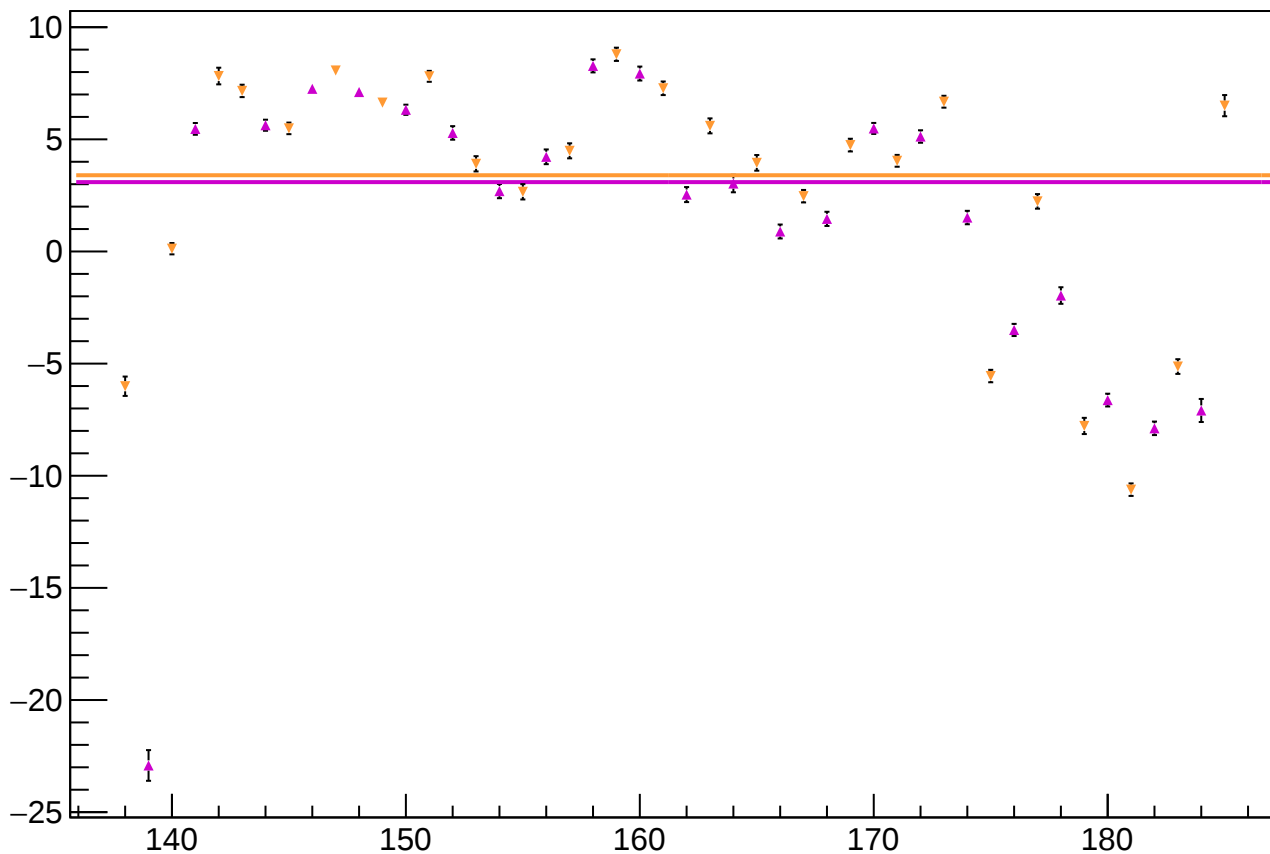
Left In: 13.315 $\pm$ 0.077 χ^2 /NDF:13977.7/22

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

All: 13.231 $\pm$ 0.054 χ^2 /NDF: 31055.5/47

- 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: 3.399 $\pm$ 0.058 χ^2 /NDF:8085.4/24

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

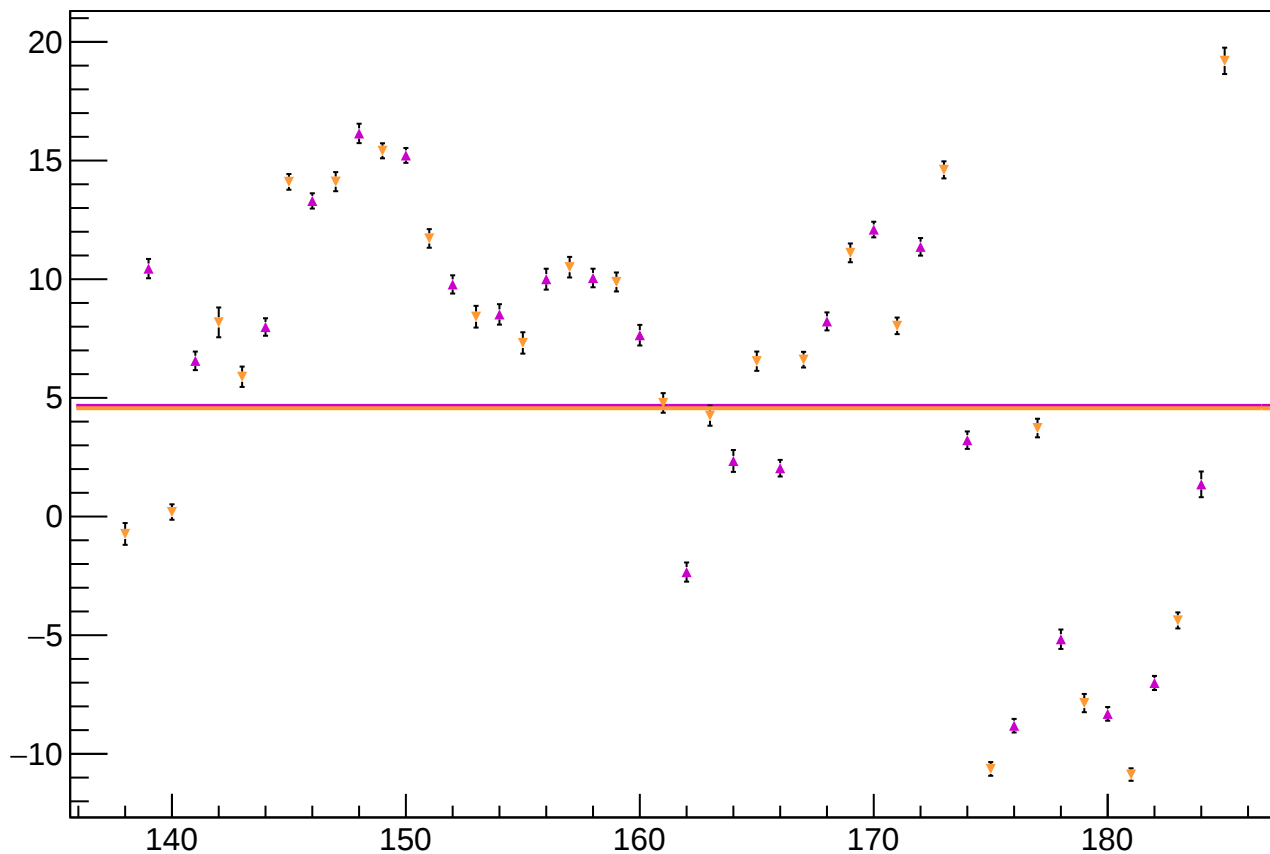
Left In: 3.092 $\pm$ 0.061 χ^2 /NDF:7104.4/22

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

All: 3.251 $\pm$ 0.042 χ^2 /NDF: 15203.1/47

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 4.563 $\pm$ 0.075 χ^2 /NDF:13590.2/24

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

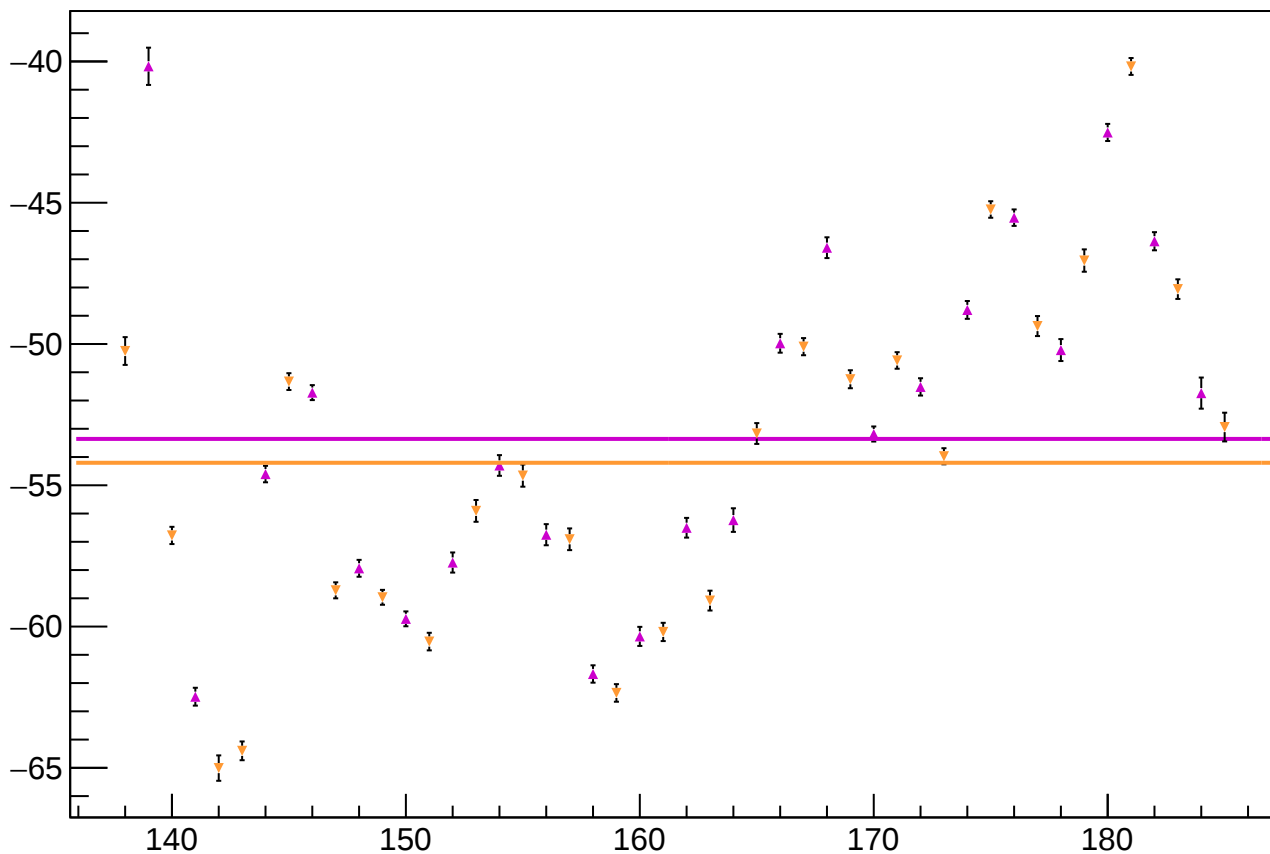
Left In: 4.662 $\pm$ 0.077 χ^2 /NDF:11281.5/22

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

All: 4.611 $\pm$ 0.054 χ^2 /NDF: 24872.5/47

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

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -54.203 $\pm$ 0.066 χ^2 /NDF:8444.0/24

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

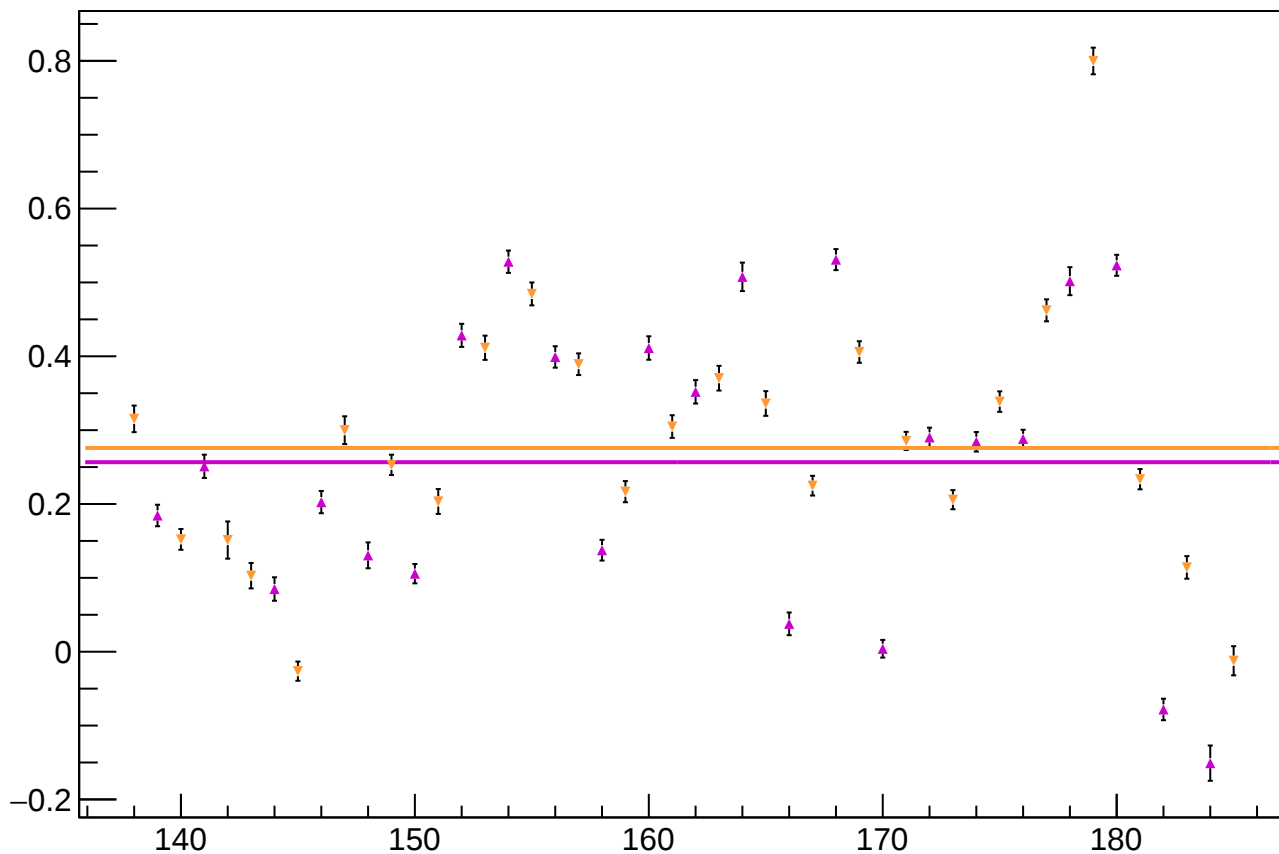
Left In: -53.359 $\pm$ 0.068 χ^2 /NDF:6882.0/22

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

All: -53.794 $\pm$ 0.048 χ^2 /NDF: 15404.3/47

- sign 0.000 $\pm$ 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: 0.276 $\pm$ 0.003 χ^2/NDF :2623.9/24

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

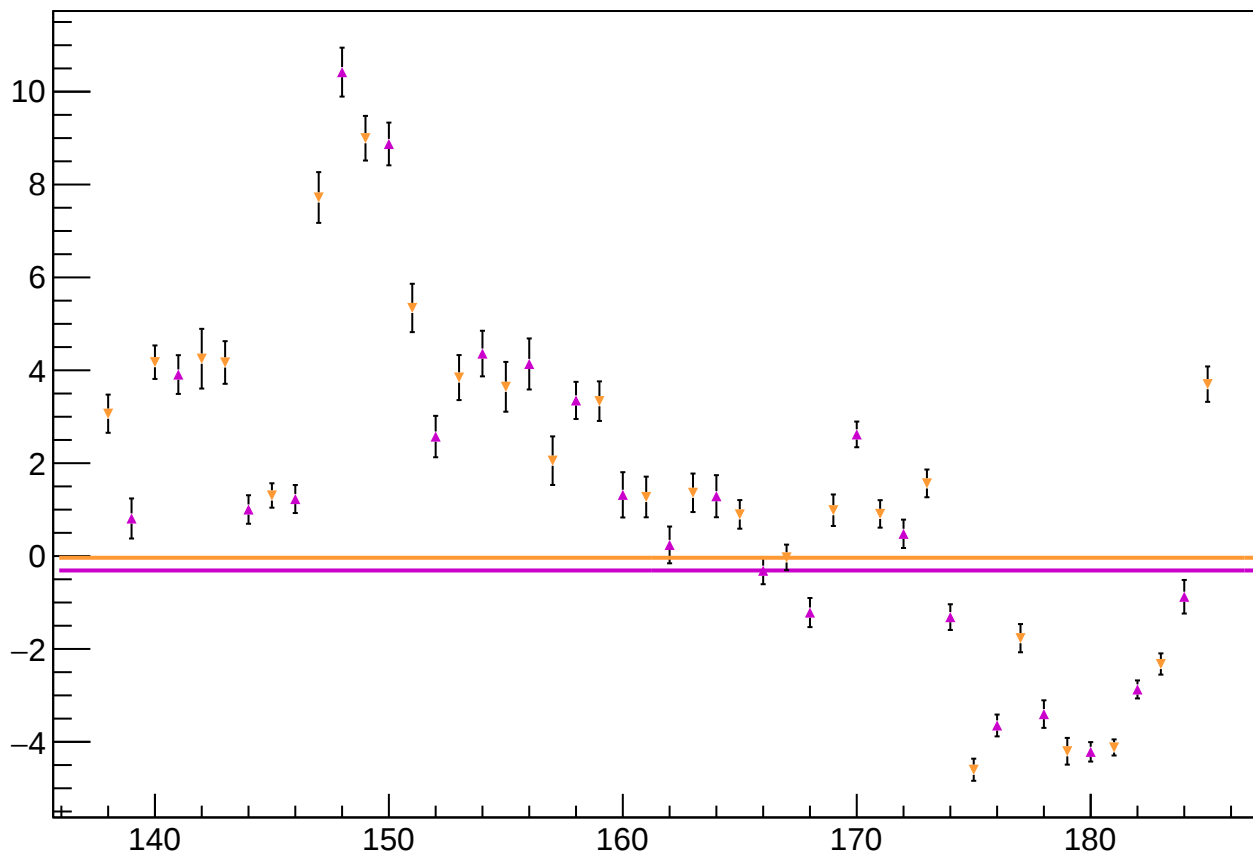
Left In: 0.257 $\pm$ 0.003 χ^2/NDF :3623.9/22

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

All: 0.266 $\pm$ 0.002 χ^2/NDF : 6267.4/47

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

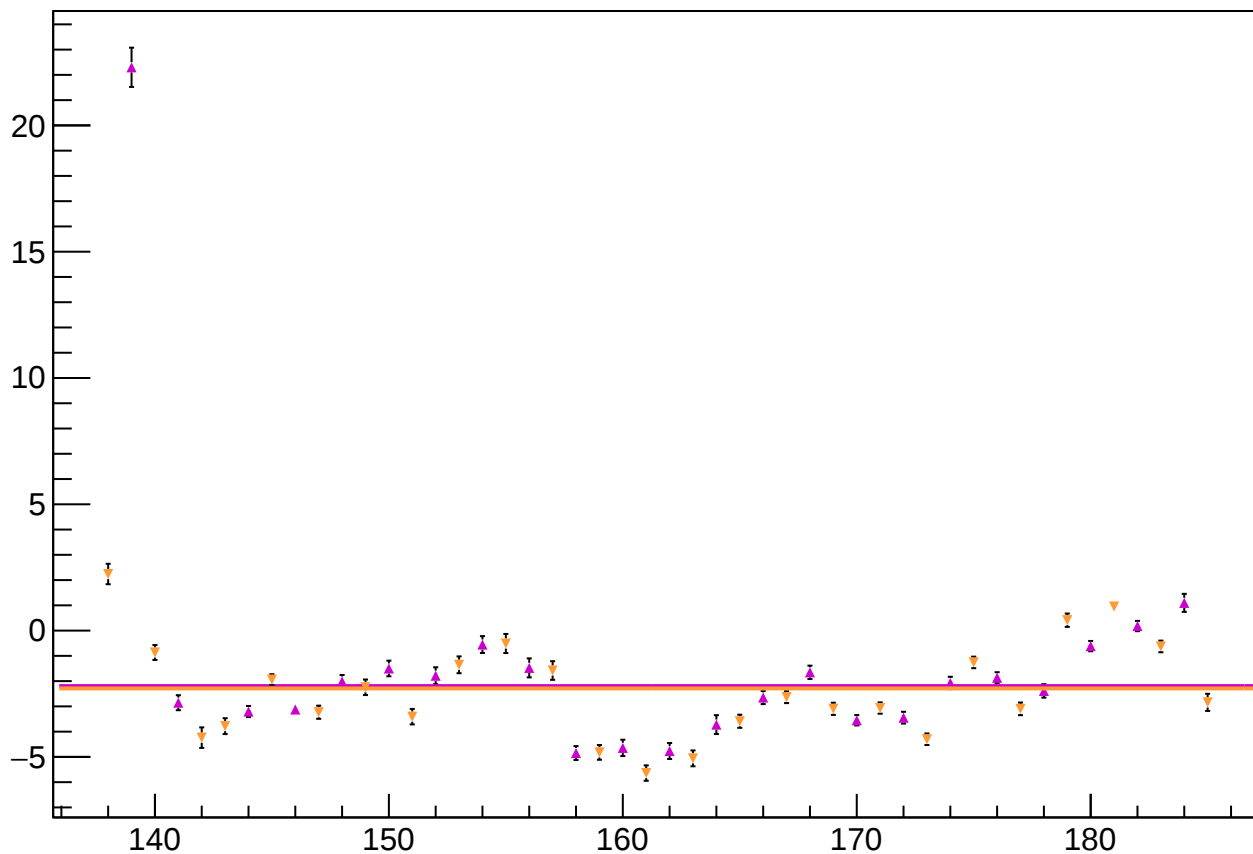
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.036 $\pm$ 0.066 χ^2 /NDF: 2637.4/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.310 $\pm$ 0.067 χ^2 /NDF: 2250.5/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.171 $\pm$ 0.047 χ^2 /NDF: 4896.3/47
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

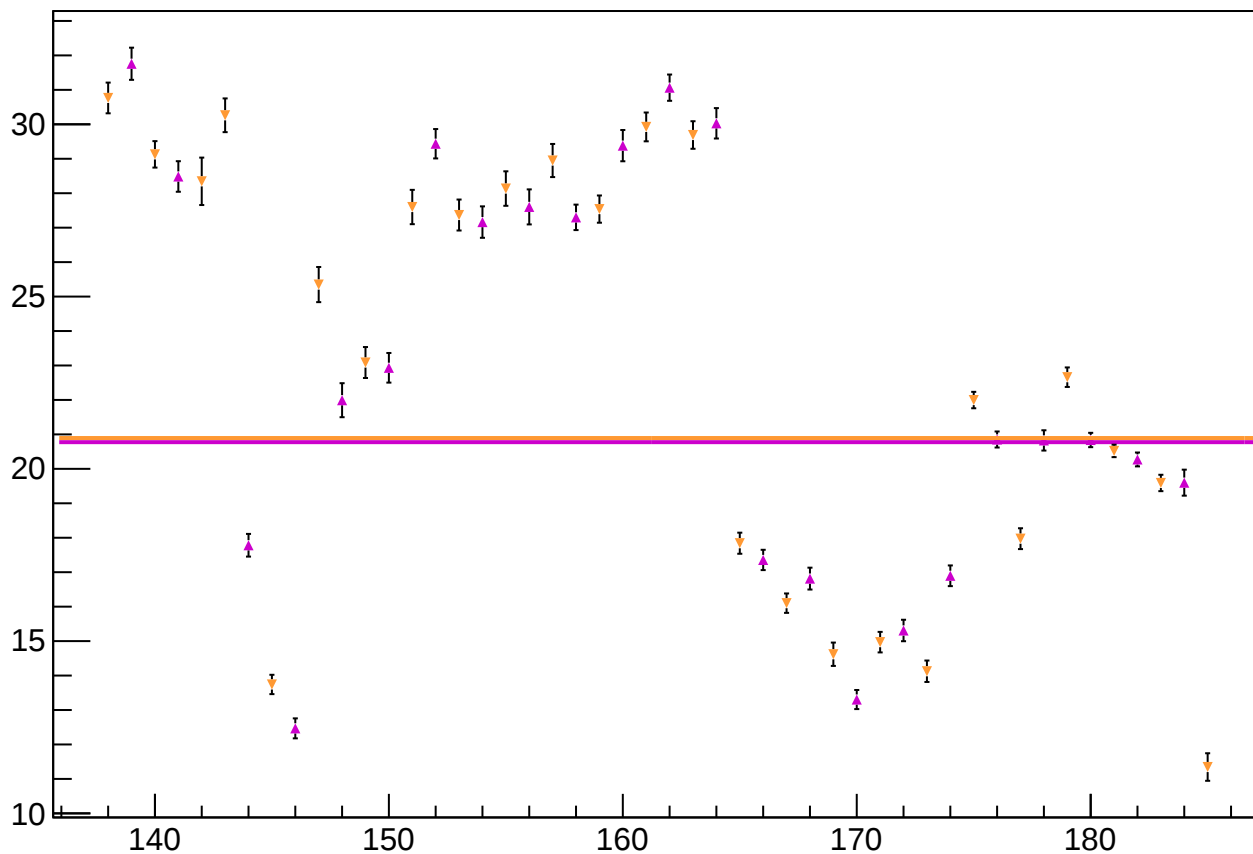
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.290+/-0.054 χ^2/NDF : 1135.8/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.198+/-0.055 χ^2/NDF : 1673.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.245+/-0.039 χ^2/NDF : 2811.1/47
 - 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: 20.894+/-0.067 χ^2/NDF : 6655.4/24

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

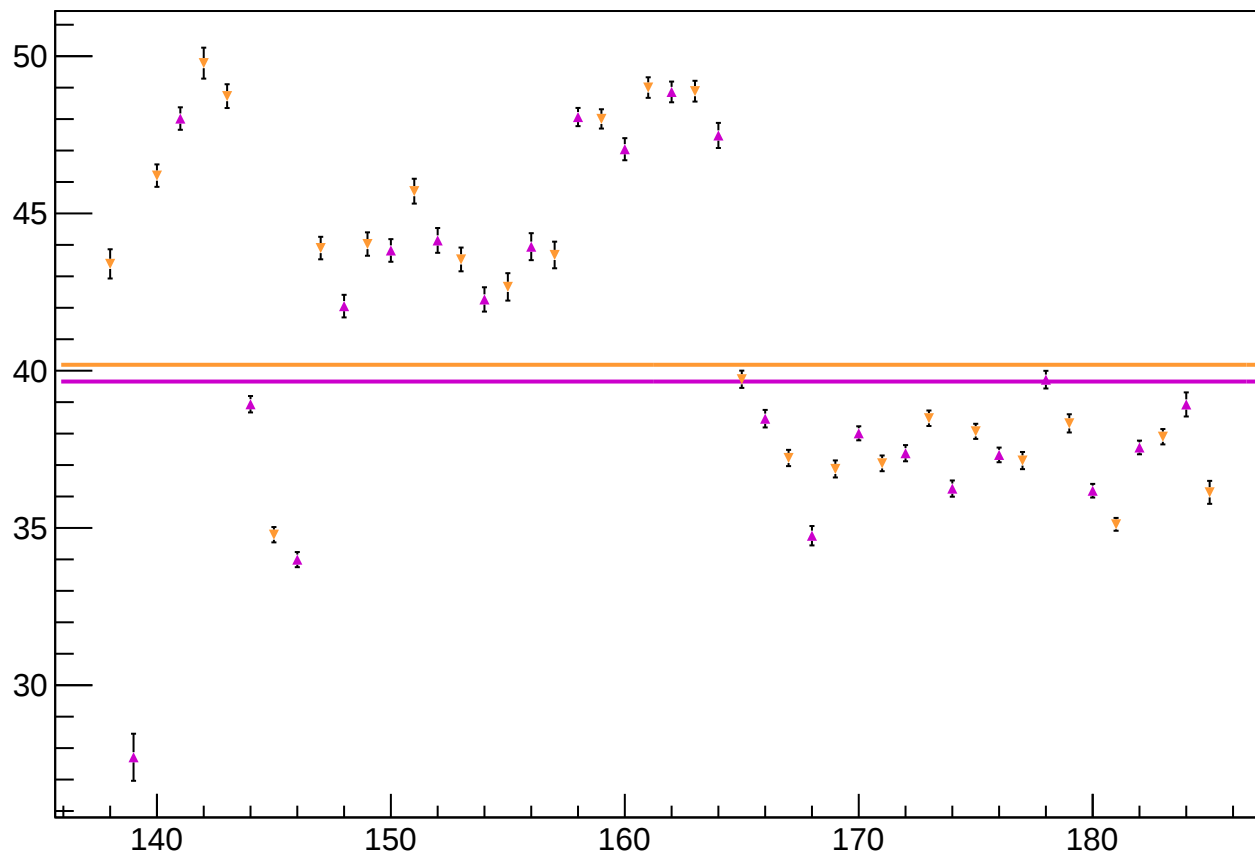
Left In: 20.774+/-0.068 χ^2/NDF : 5927.9/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.835+/-0.047 χ^2/NDF : 12584.9/47

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 40.188 $\pm$ 0.060 χ^2 /NDF:5930.5/24

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

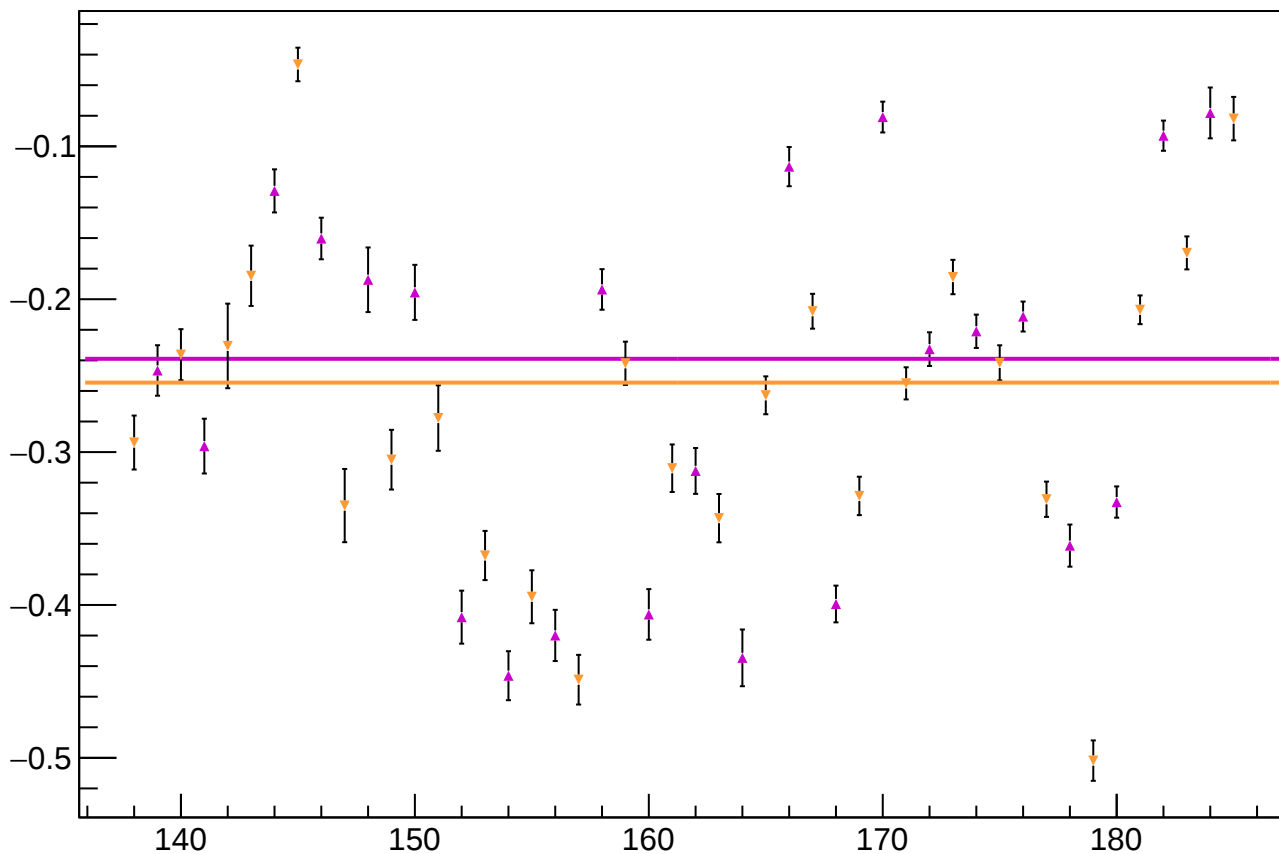
Left In: 39.655 $\pm$ 0.061 χ^2 /NDF:5298.6/22

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

All: 39.926 $\pm$ 0.043 χ^2 /NDF: 11267.3/47

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

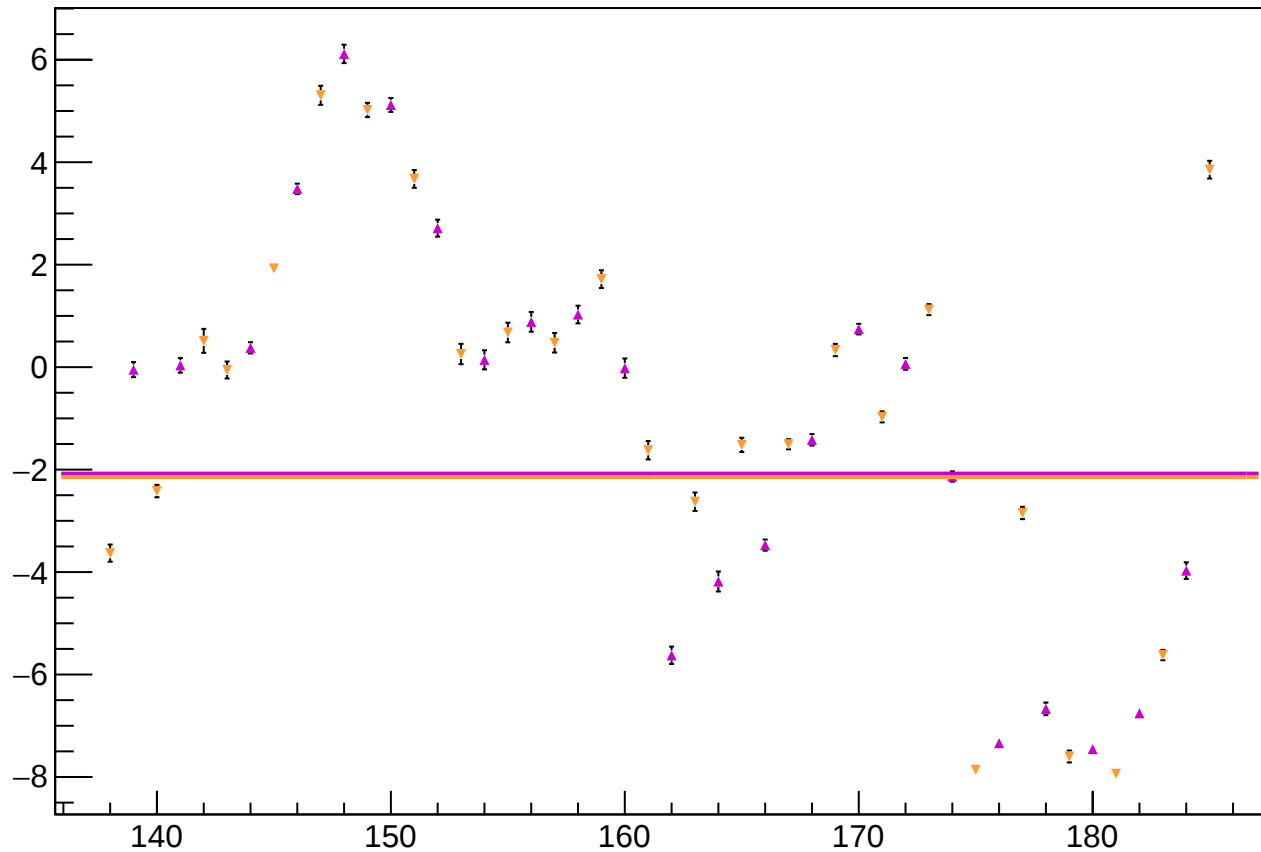
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.255 $\pm$ 0.003 χ^2 /NDF:1420.6/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.239 $\pm$ 0.003 χ^2 /NDF:1750.5/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.247 $\pm$ 0.002 χ^2 /NDF: 3187.0/47
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

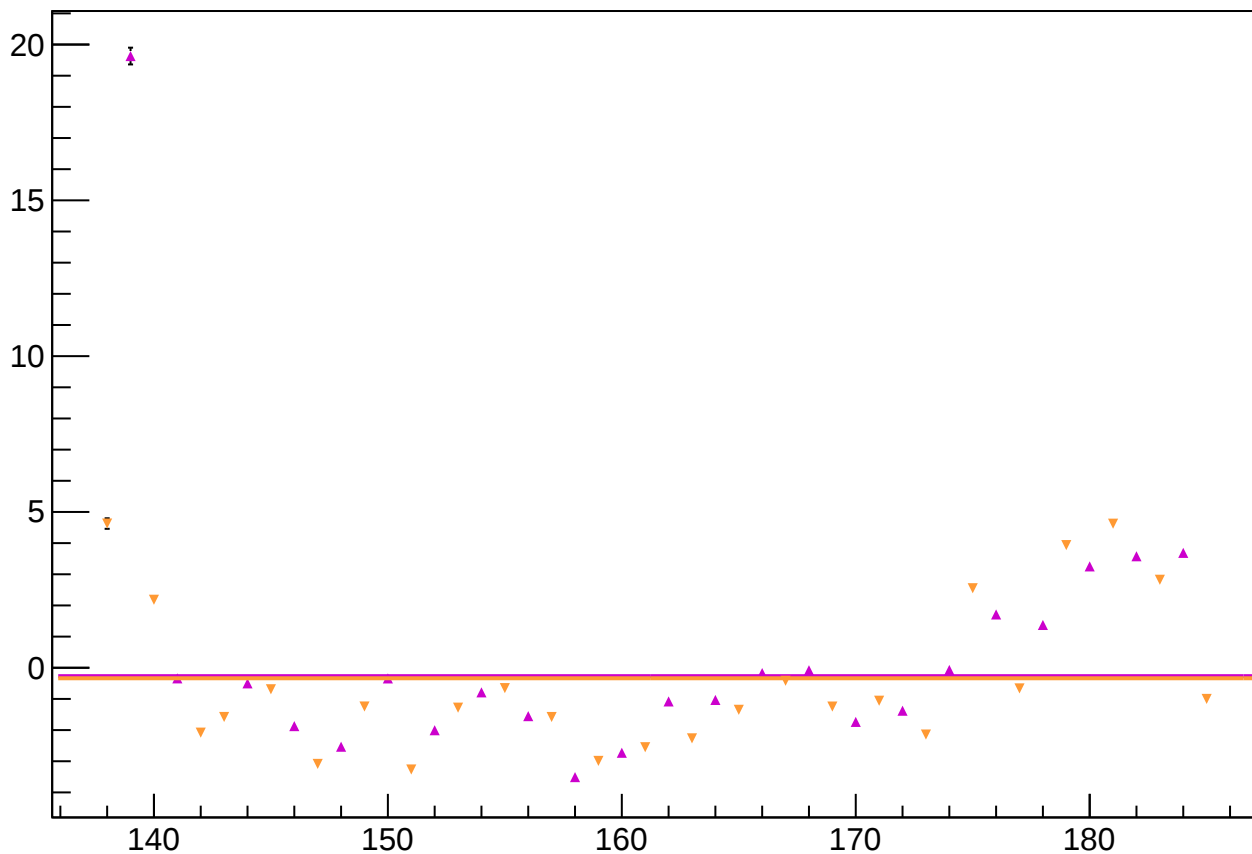
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.148 $\pm$ 0.026 χ^2 /NDF: 24535.1/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.078 $\pm$ 0.026 χ^2 /NDF: 23245.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.114 $\pm$ 0.018 χ^2 /NDF: 47784.5/47
 - sign 0.000 $\pm$ 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: -0.337 $\pm$ 0.021 χ^2 /NDF:12569.9/24

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

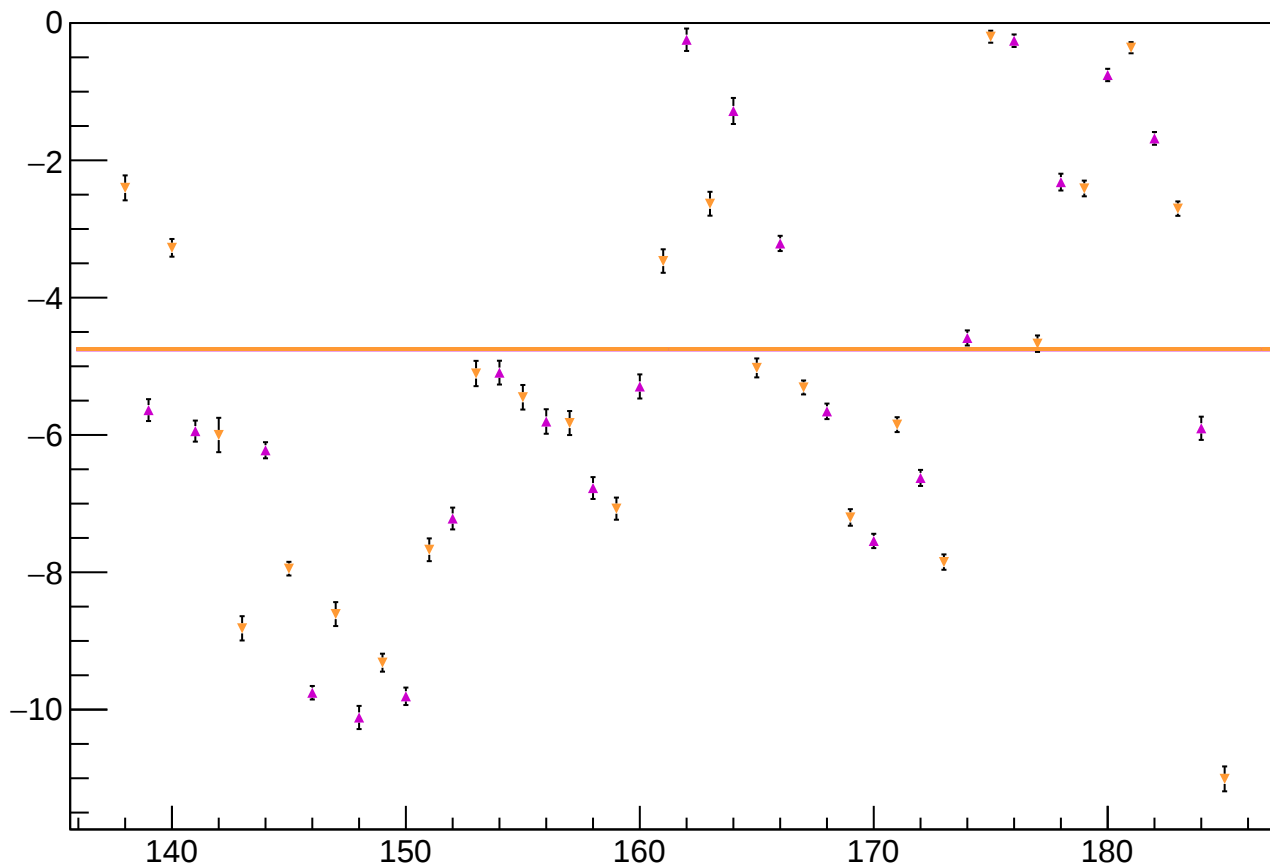
Left In: -0.269 $\pm$ 0.021 χ^2 /NDF:13323.1/22

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

All: -0.304 $\pm$ 0.015 χ^2 /NDF: 25898.3/47

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -4.748 $\pm$ 0.026 χ^2 /NDF:13290.9/24

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

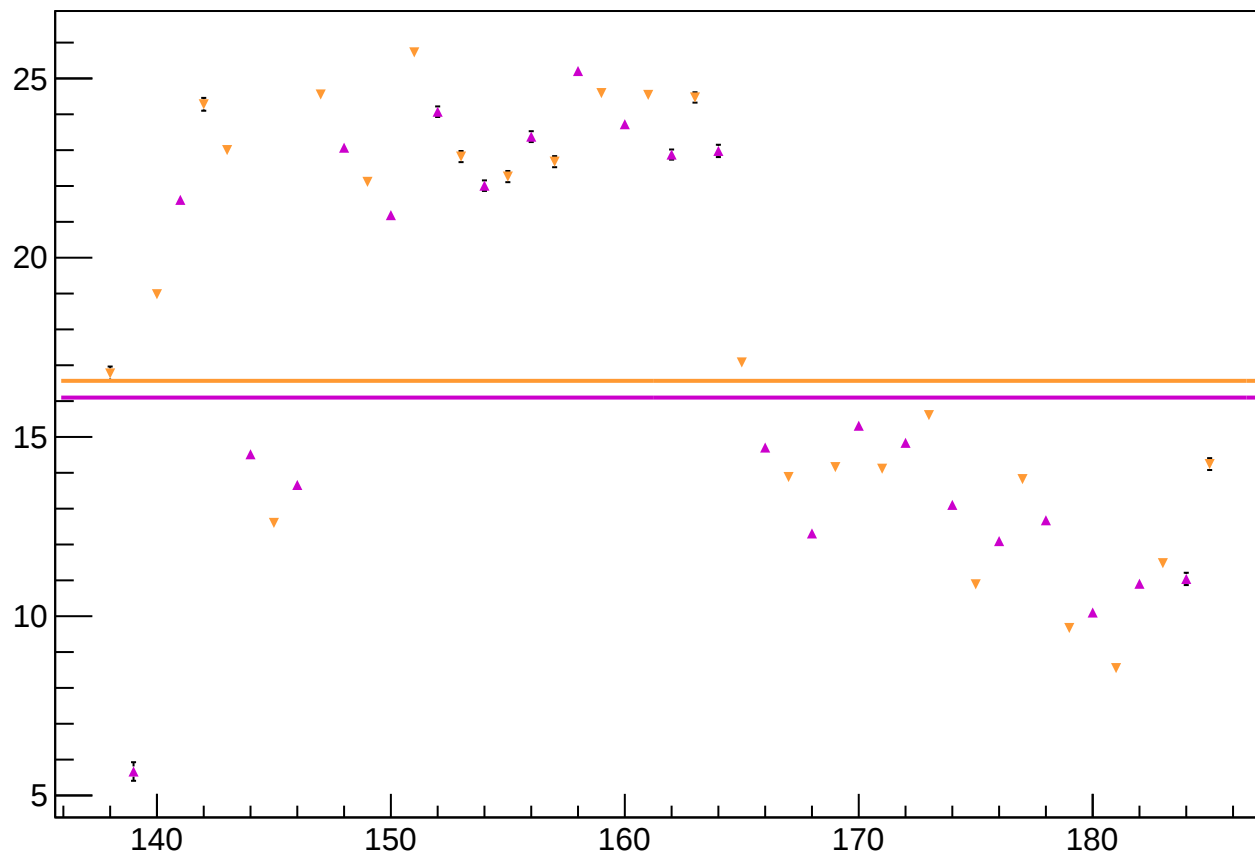
Left In: -4.753 $\pm$ 0.026 χ^2 /NDF:14119.2/22

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

All: -4.751 $\pm$ 0.018 χ^2 /NDF: 27410.1/47

- sign 0.000 $\pm$ 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: 16.565 $\pm$ 0.023 χ^2 /NDF:53816.6/24

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

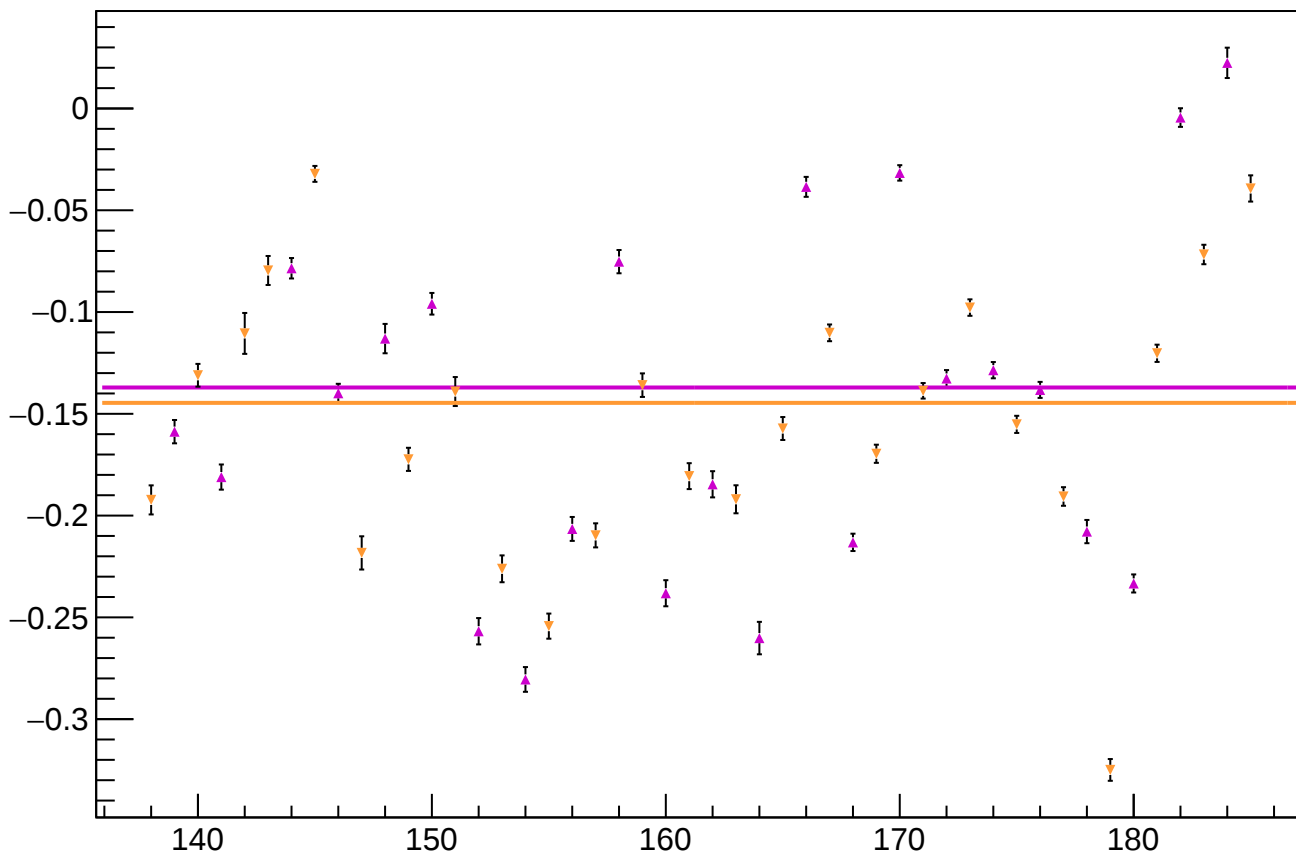
Left In: 16.098 $\pm$ 0.024 χ^2 /NDF:42345.7/22

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

All: 16.336 $\pm$ 0.017 χ^2 /NDF: 96362.2/47

- 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:3773.7/24

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

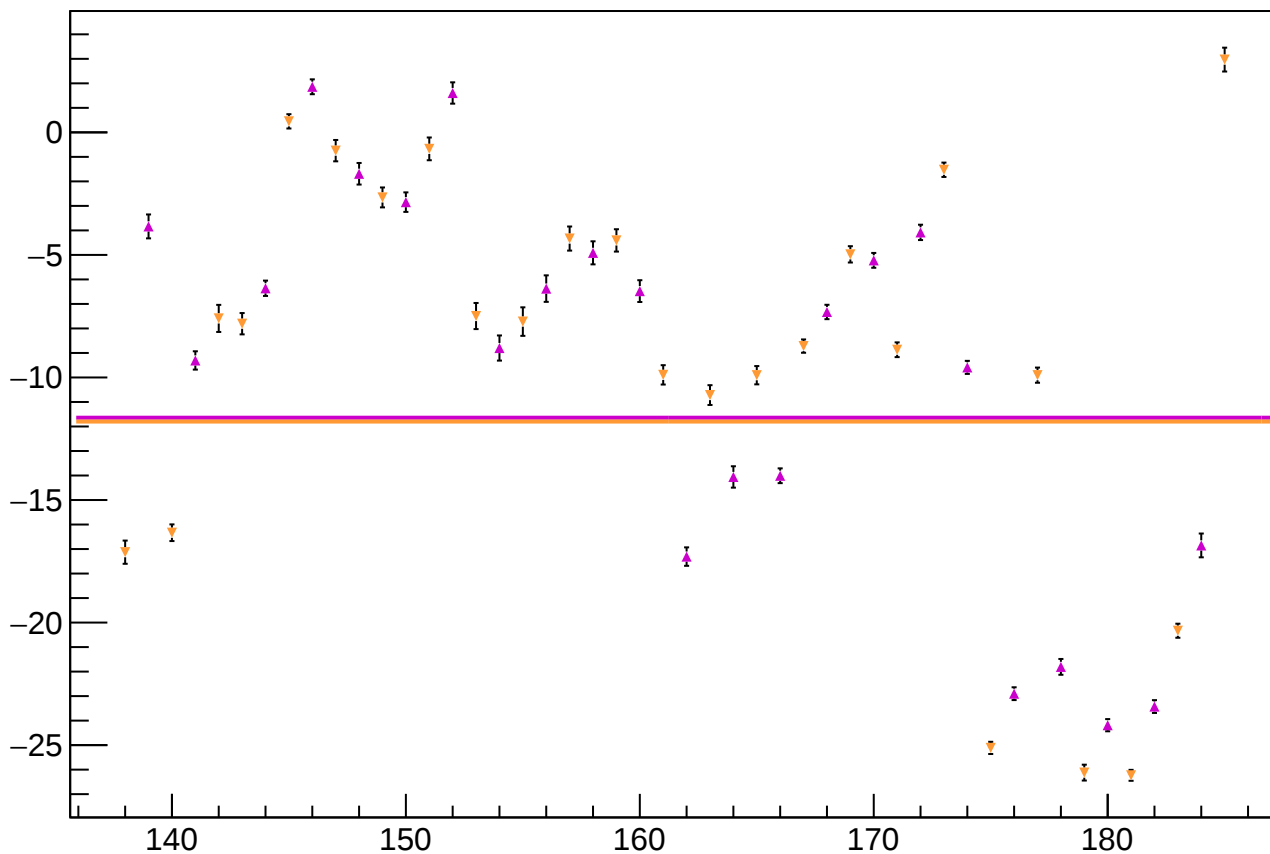
Left In: -0.137 $\pm$ 0.001 χ^2 /NDF:5392.6/22

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

All: -0.141 $\pm$ 0.001 χ^2 /NDF: 9191.5/47

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -11.799 $\pm$ 0.070 χ^2 /NDF:17305.2/24

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

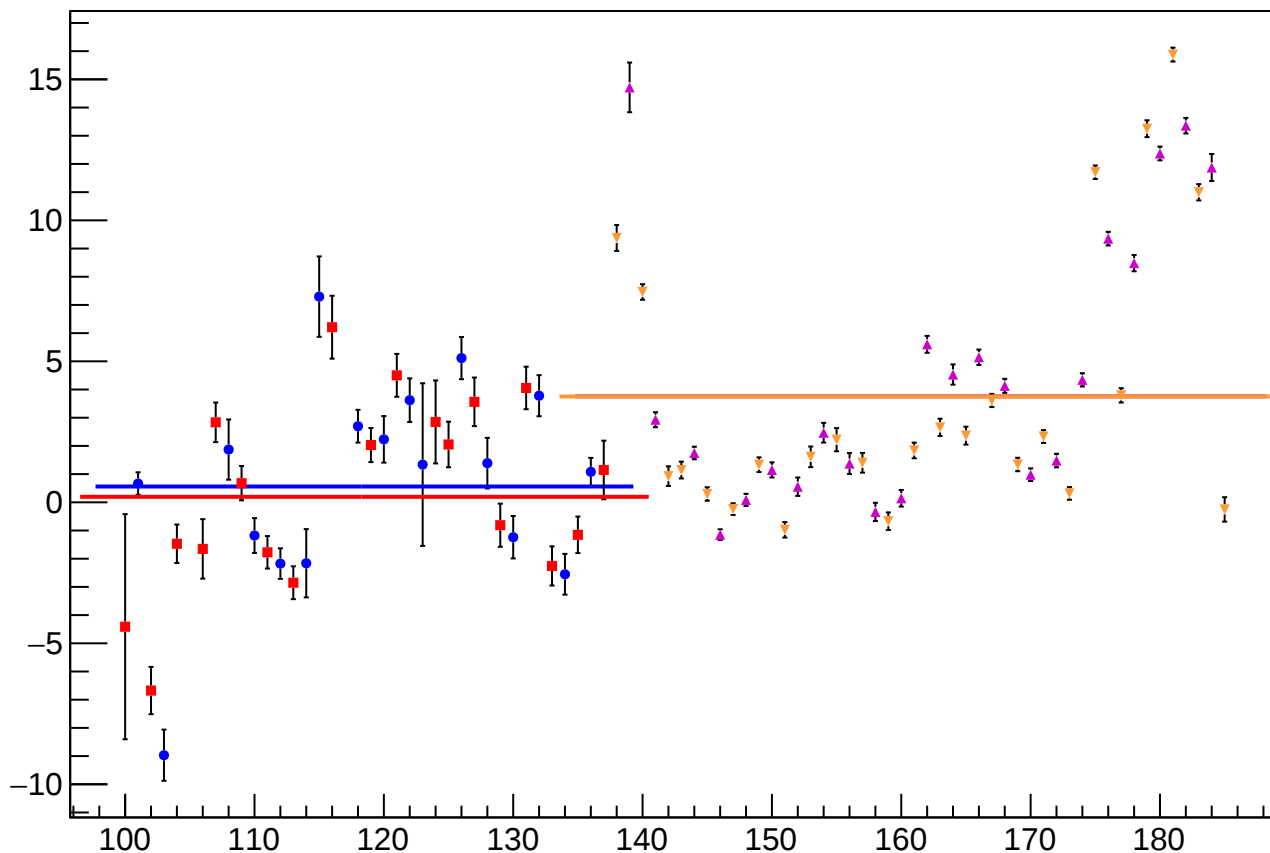
Left In: -11.642 $\pm$ 0.072 χ^2 /NDF:14121.2/22

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

All: -11.722 $\pm$ 0.050 χ^2 /NDF: 31428.9/47

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

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.561 ± 0.170 $\chi^2/\text{NDF}: 288.7/16$

Left Out: 3.753 ± 0.056 $\chi^2/\text{NDF}: 7436.6/24$

Right Out: 0.196 ± 0.175 $\chi^2/\text{NDF}: 271.2/18$

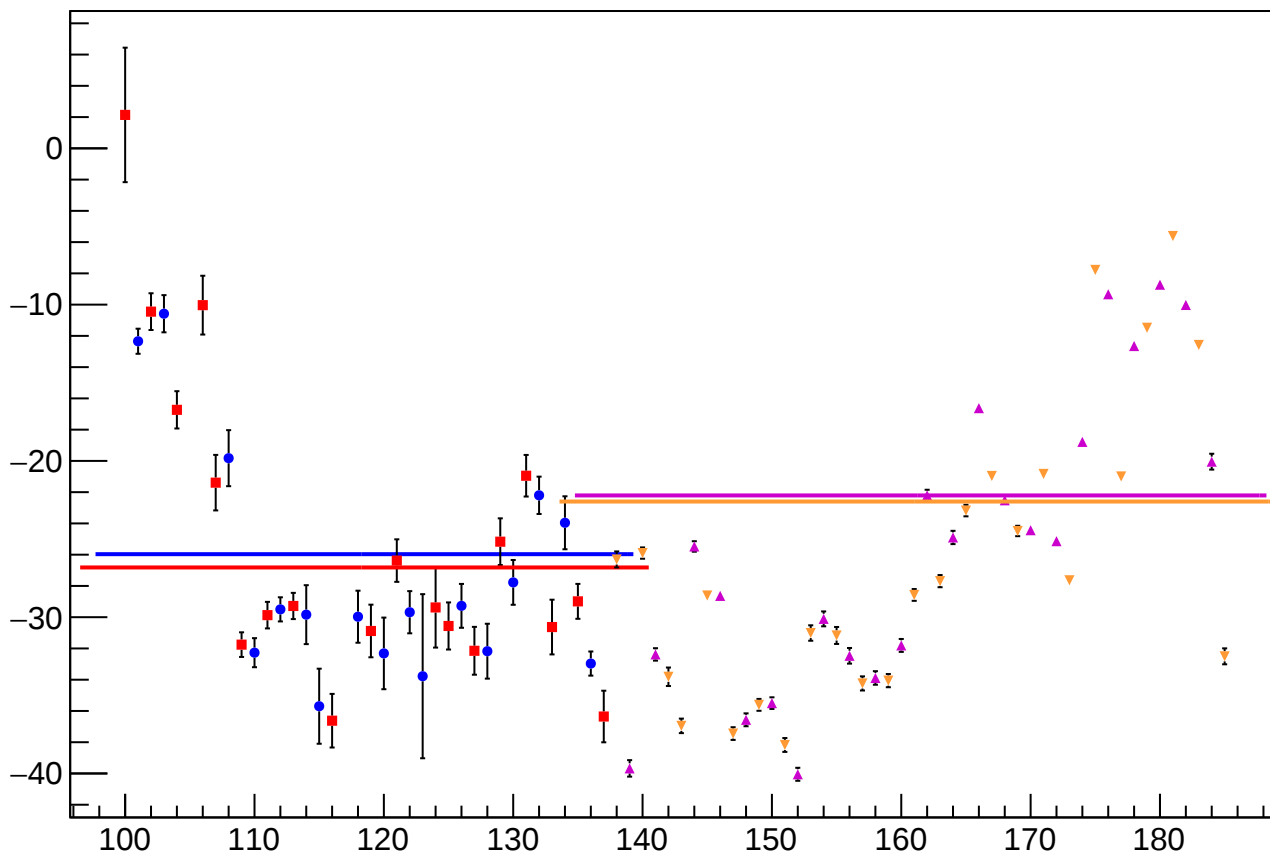
Left In: 3.757 ± 0.057 $\chi^2/\text{NDF}: 5629.4/22$

+ sign 3.447 ± 0.053 $\chi^2/\text{NDF}: 8042.4/41$

All: 3.433 ± 0.038 $\chi^2/\text{NDF}: 14318.5/83$

- sign 3.419 ± 0.054 $\chi^2/\text{NDF}: 6275.9/41$

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -25.968 ± 0.301 χ^2/NDF : 691.1/16

Left Out: -22.599 ± 0.071 χ^2/NDF : 19932.9/24

Right Out: -26.818 ± 0.298 χ^2/NDF : 580.9/18

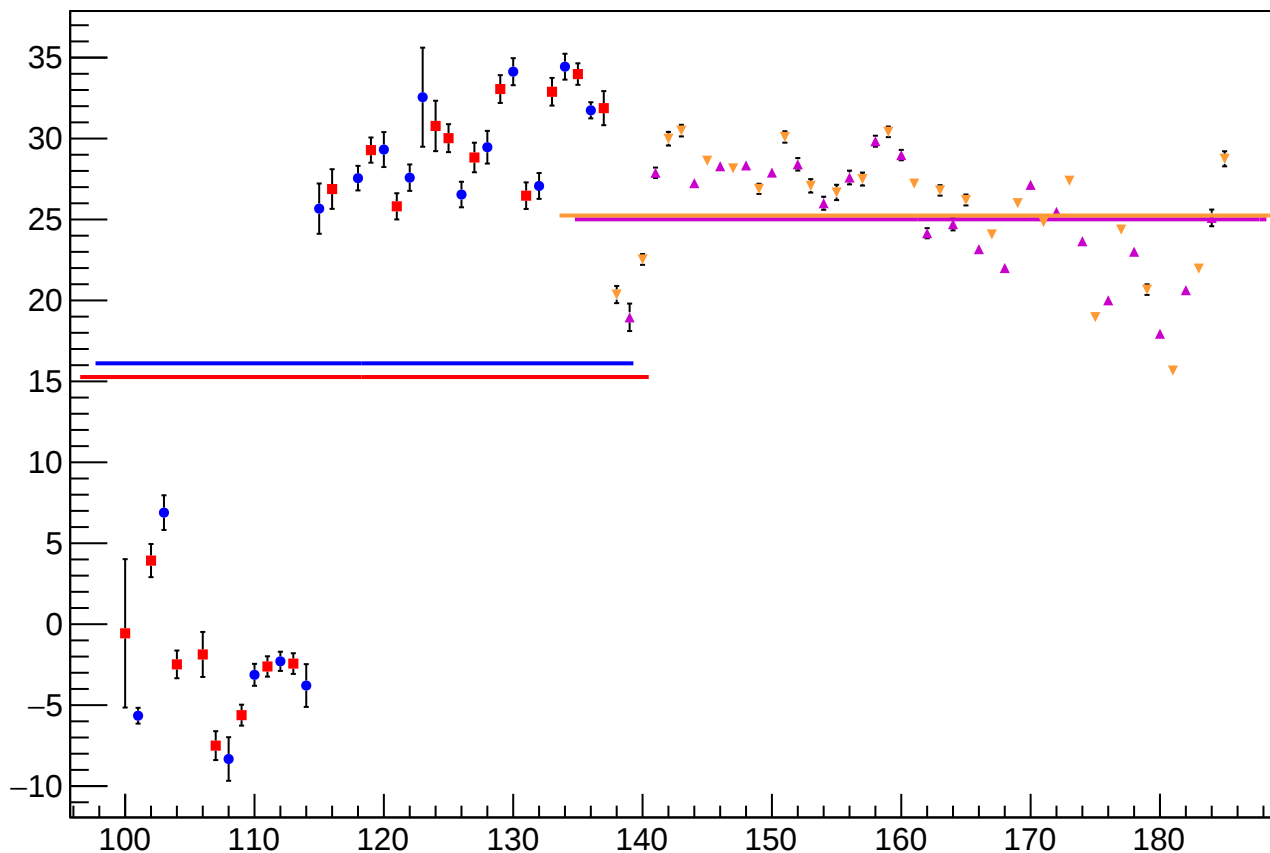
Left In: -22.209 ± 0.072 χ^2/NDF : 17627.4/22

+ sign -22.776 ± 0.069 χ^2/NDF : 20742.7/41

All: -22.620 ± 0.049 χ^2/NDF : 39187.4/83

- sign -22.461 ± 0.070 χ^2/NDF : 18434.3/41

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.115 $\pm$ 0.192 χ^2 /NDF: 7542.1/16

Left Out: 25.245 $\pm$ 0.063 χ^2 /NDF: 3780.4/24

Right Out: 15.269 $\pm$ 0.197 χ^2 /NDF: 7261.7/18

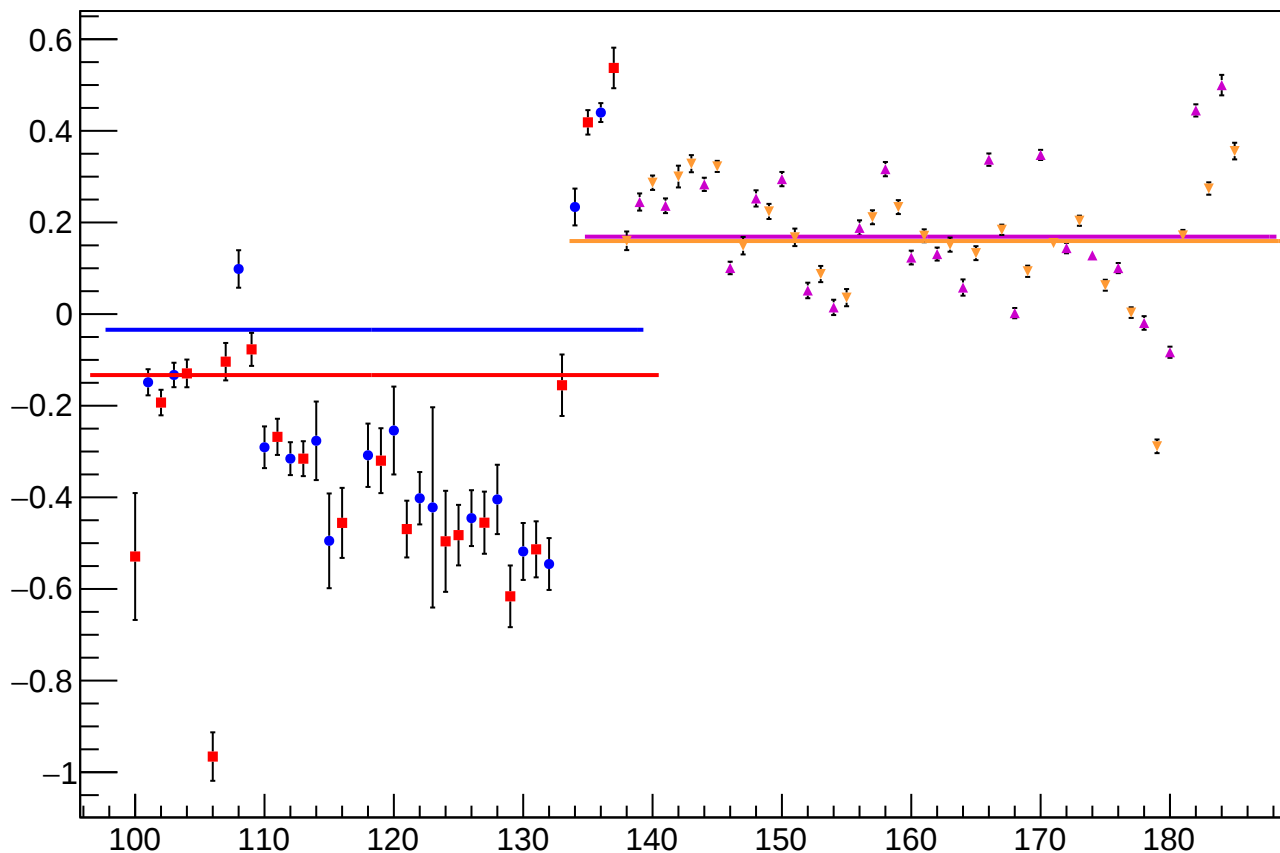
Left In: 25.009 $\pm$ 0.064 χ^2 /NDF: 2722.0/22

+ sign 24.371 $\pm$ 0.060 χ^2 /NDF: 13358.8/41

All: 24.231 $\pm$ 0.043 χ^2 /NDF: 25558.6/83

- sign 24.086 $\pm$ 0.061 χ^2 /NDF: 12188.6/41

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.034 ± 0.010 $\chi^2/\text{NDF}: 1011.4/16$

Left Out: 0.159 ± 0.003 $\chi^2/\text{NDF}: 1864.9/24$

Right Out: -0.133 ± 0.010 $\chi^2/\text{NDF}: 1160.4/18$

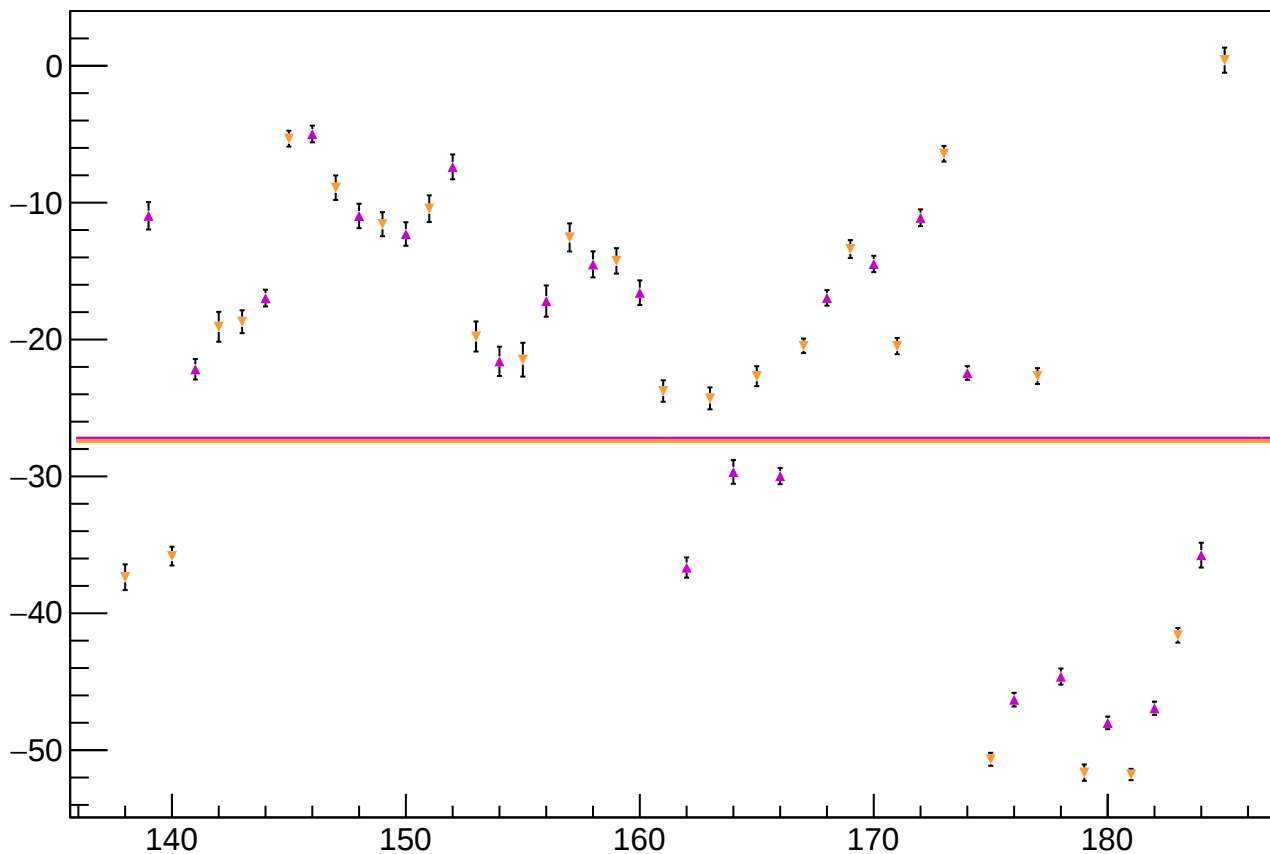
Left In: 0.169 ± 0.003 $\chi^2/\text{NDF}: 2418.8/22$

+ sign 0.146 ± 0.003 $\chi^2/\text{NDF}: 3201.9/41$

All: 0.146 ± 0.002 $\chi^2/\text{NDF}: 7565.4/83$

- sign 0.147 ± 0.003 $\chi^2/\text{NDF}: 4363.4/41$

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -27.404 $\pm$ 0.137 χ^2 /NDF:14848.3/24

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

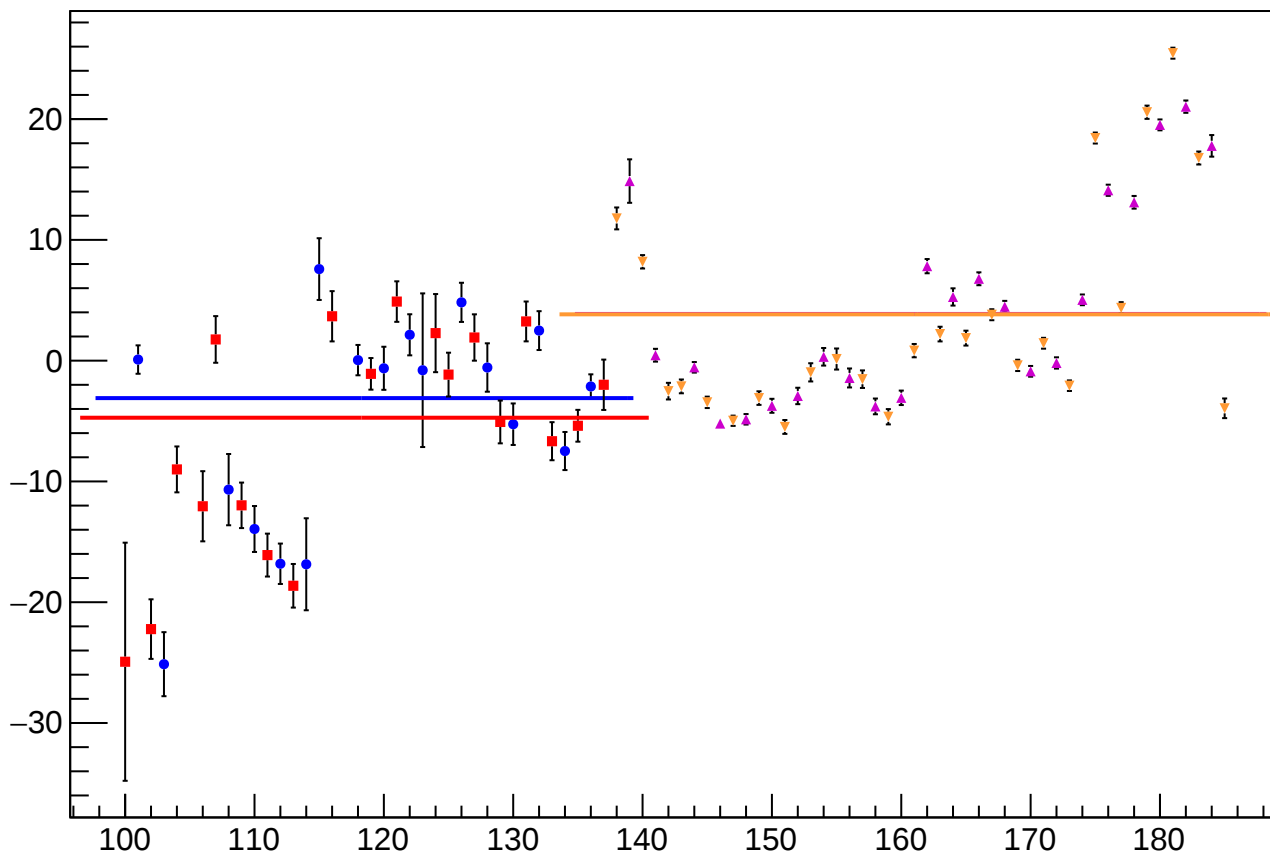
Left In: -27.243 $\pm$ 0.139 χ^2 /NDF:11305.2/22

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

All: -27.325 $\pm$ 0.098 χ^2 /NDF: 26154.2/47

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

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.101 ± 0.412 χ^2/NDF : 278.9/16

Left Out: 3.835 ± 0.109 χ^2/NDF : 6927.0/24

Right Out: -4.725 ± 0.427 χ^2/NDF : 296.8/18

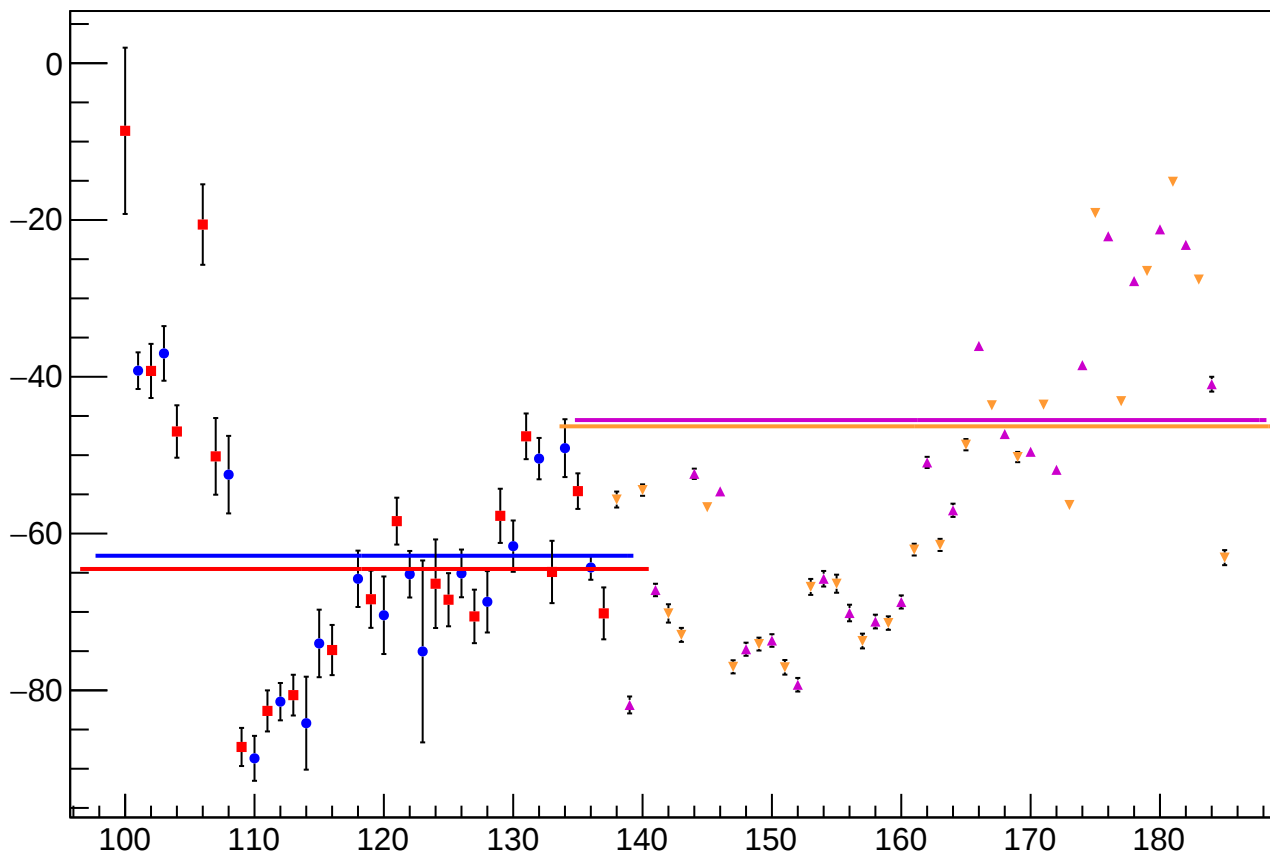
Left In: 3.866 ± 0.111 χ^2/NDF : 5424.0/22

+ sign 3.379 ± 0.106 χ^2/NDF : 7471.1/41

All: 3.350 ± 0.075 χ^2/NDF : 13570.9/83

- sign 3.321 ± 0.108 χ^2/NDF : 6099.7/41

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.830 $\pm$ 0.742 χ^2 /NDF: 367.7/16

Left Out: -46.322 $\pm$ 0.138 χ^2 /NDF:20134.0/24

Right Out: -64.518 $\pm$ 0.753 χ^2 /NDF: 443.9/18

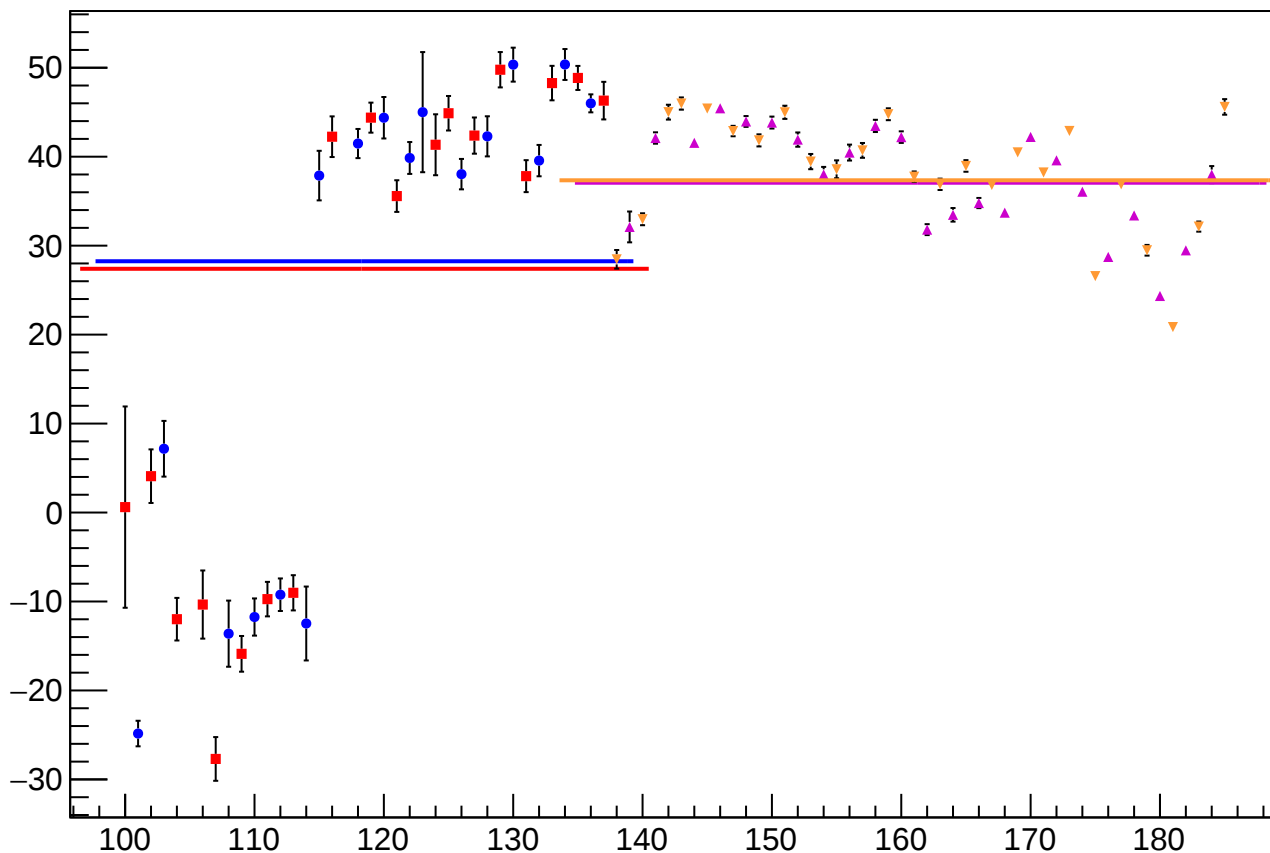
Left In: -45.522 $\pm$ 0.140 χ^2 /NDF:17525.4/22

+ sign -46.874 $\pm$ 0.136 χ^2 /NDF: 20980.5/41

All: -46.519 $\pm$ 0.097 χ^2 /NDF: 39578.8/83

- sign -46.155 $\pm$ 0.137 χ^2 /NDF: 18584.5/41

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.247 ± 0.461 χ^2/NDF : 3310.9/16

Left Out: 37.347 ± 0.123 χ^2/NDF : 3144.4/24

Right Out: 27.400 ± 0.480 χ^2/NDF : 3031.5/18

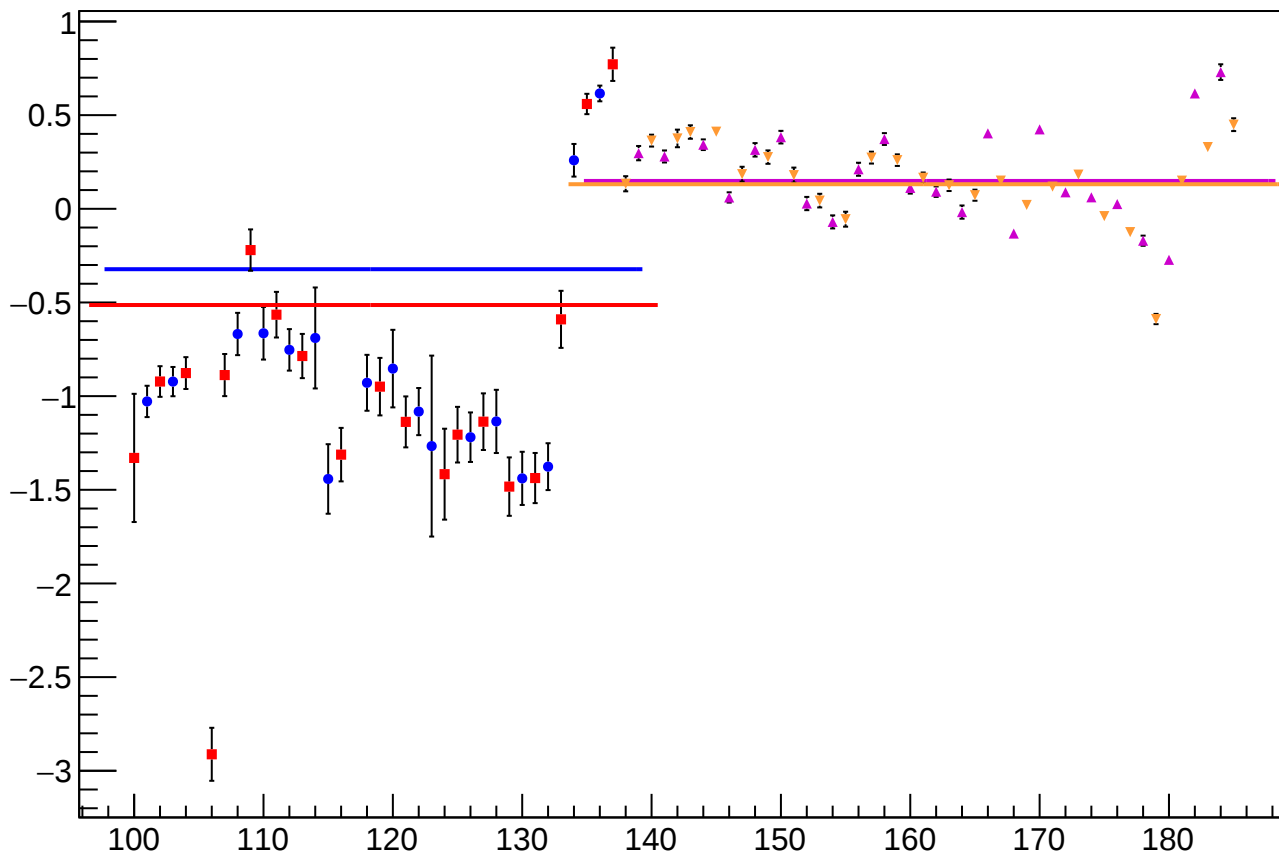
Left In: 37.074 ± 0.125 χ^2/NDF : 2397.3/22

+ sign 36.743 ± 0.119 χ^2/NDF : 6819.3/41

All: 36.603 ± 0.085 χ^2/NDF : 12631.9/83

- sign 36.457 ± 0.121 χ^2/NDF : 5809.7/41

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.322 ± 0.025 χ^2/NDF : 1010.1/16

Left Out: 0.131 ± 0.006 χ^2/NDF : 1426.7/24

Right Out: -0.514 ± 0.026 χ^2/NDF : 1159.3/18

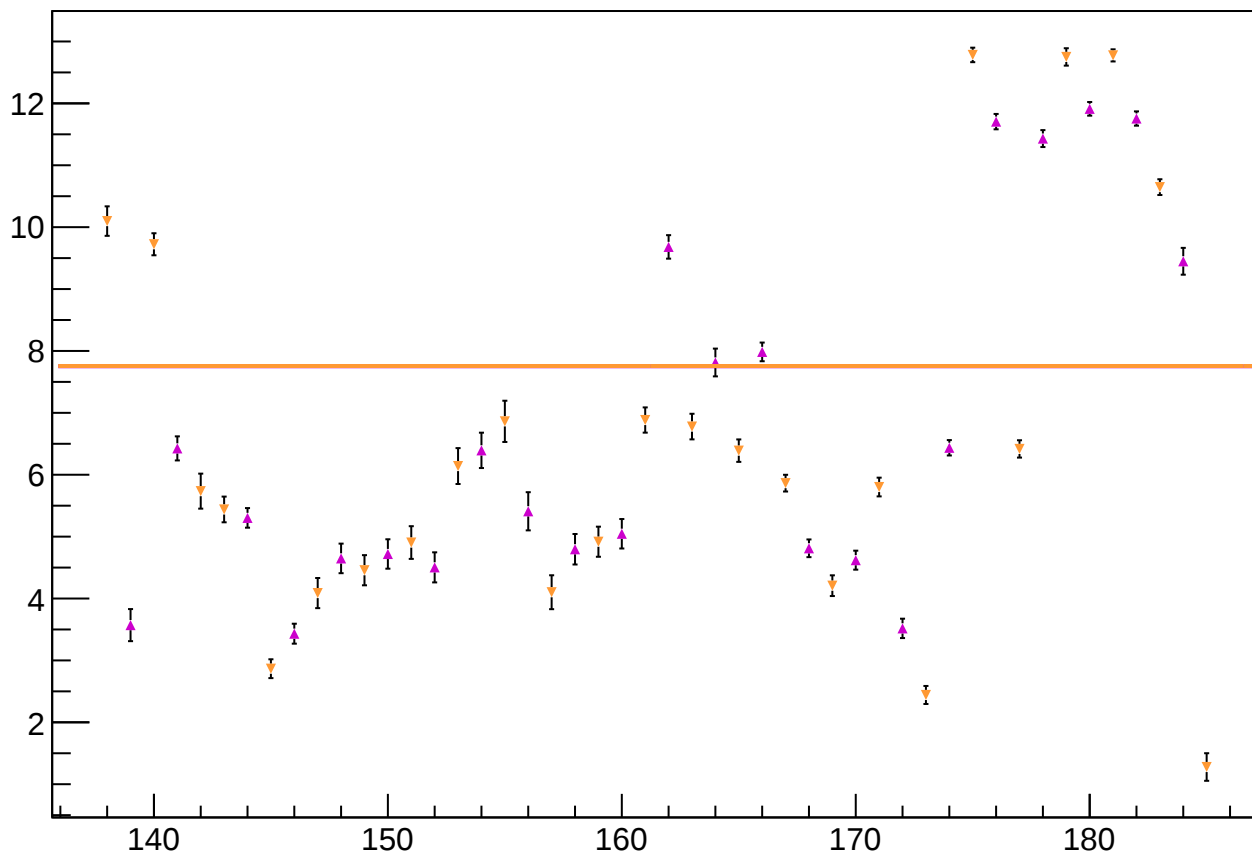
Left In: 0.149 ± 0.006 χ^2/NDF : 1803.6/22

+ sign 0.109 ± 0.005 χ^2/NDF : 2750.8/41

All: 0.113 ± 0.004 χ^2/NDF : 6343.5/83

- sign 0.117 ± 0.006 χ^2/NDF : 3591.6/41

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 7.756+/-0.034 χ^2/NDF :11727.2/24

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

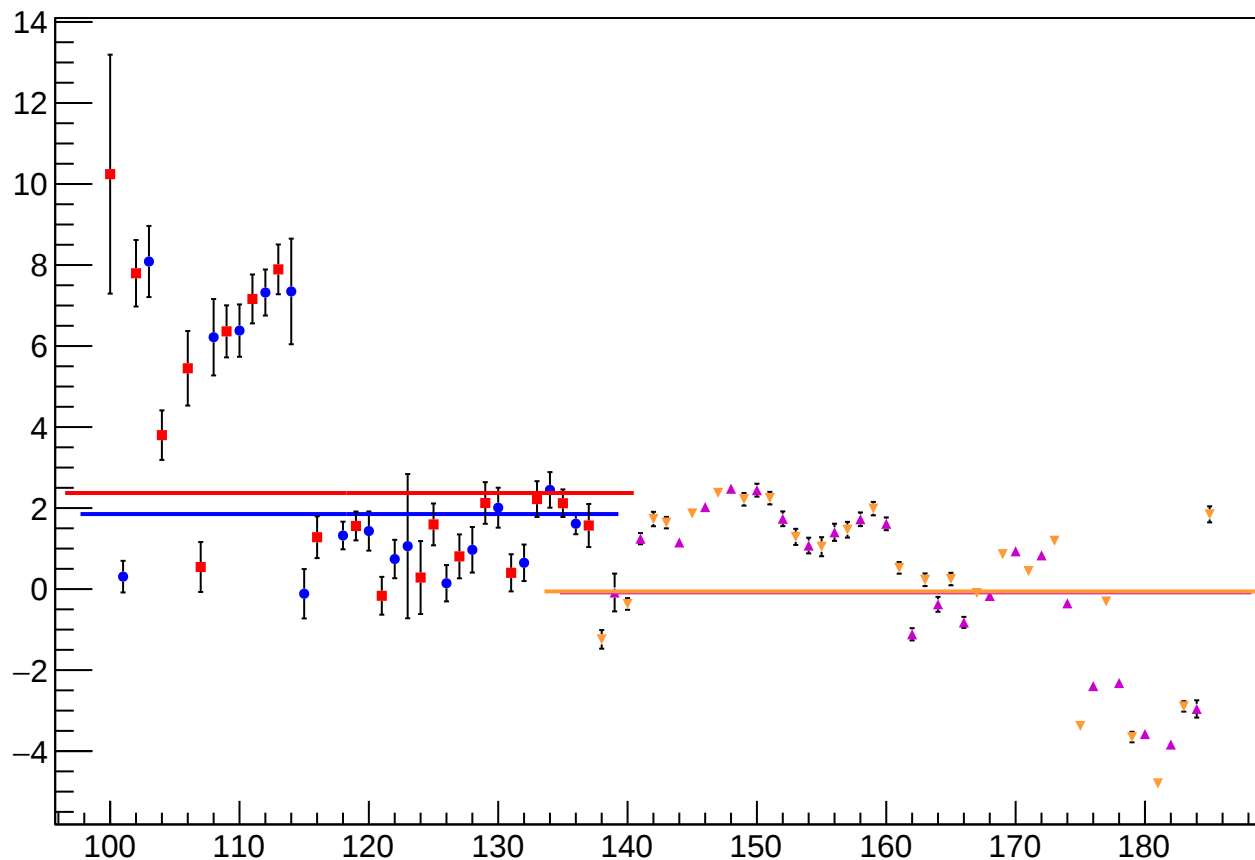
Left In: 7.753+/-0.035 χ^2/NDF :8345.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.755+/-0.025 χ^2/NDF : 20072.4/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.852 ± 0.117 χ^2/NDF : 293.2/16

Left Out: -0.058 ± 0.028 χ^2/NDF : 6059.0/24

Right Out: 2.372 ± 0.123 χ^2/NDF : 335.5/18

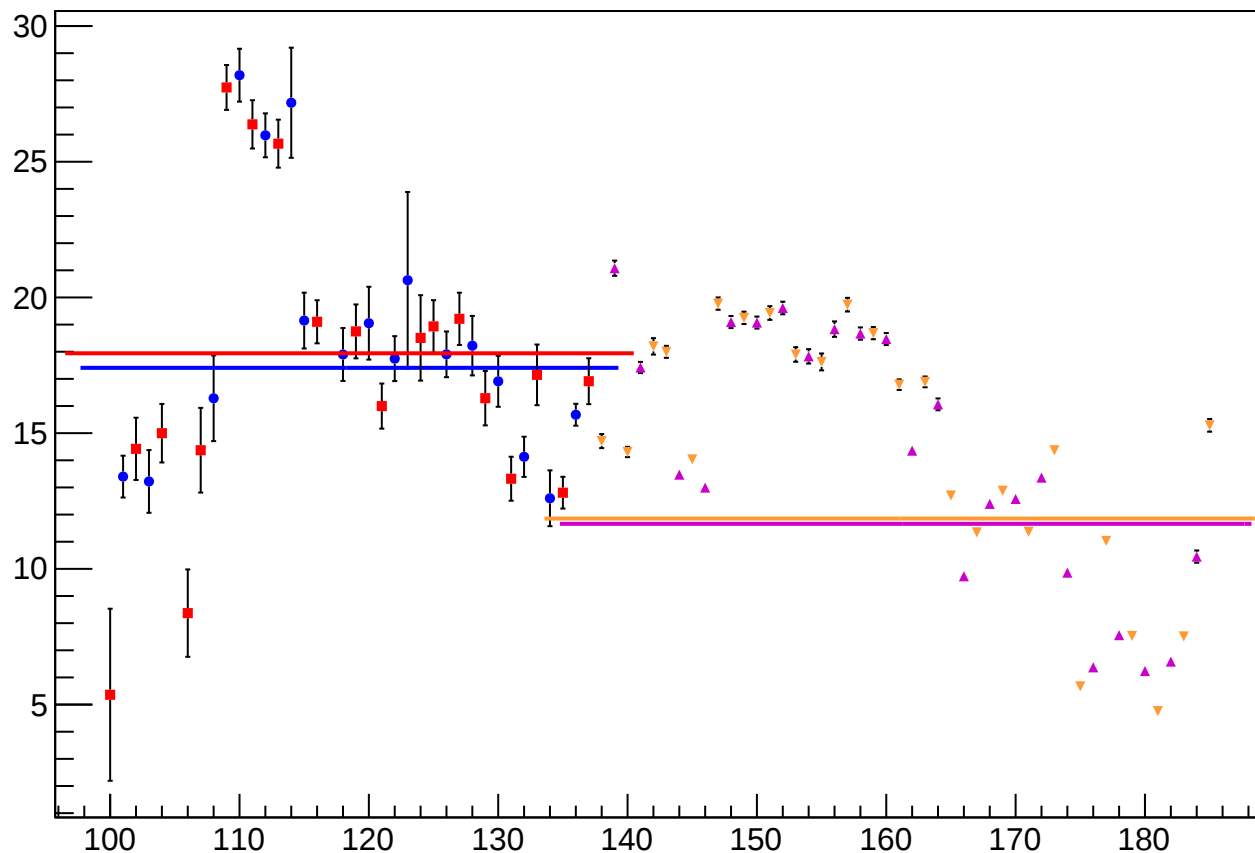
Left In: -0.080 ± 0.028 χ^2/NDF : 4979.5/22

+ sign 0.043 ± 0.027 χ^2/NDF : 6603.4/41

All: 0.043 ± 0.019 χ^2/NDF : 12297.5/83

- sign 0.043 ± 0.028 χ^2/NDF : 5694.2/41

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.407 ± 0.213 χ^2/NDF : 365.3/16

Left Out: 11.854 ± 0.035 χ^2/NDF : 19148.6/24

Right Out: 17.943 ± 0.219 χ^2/NDF : 505.3/18

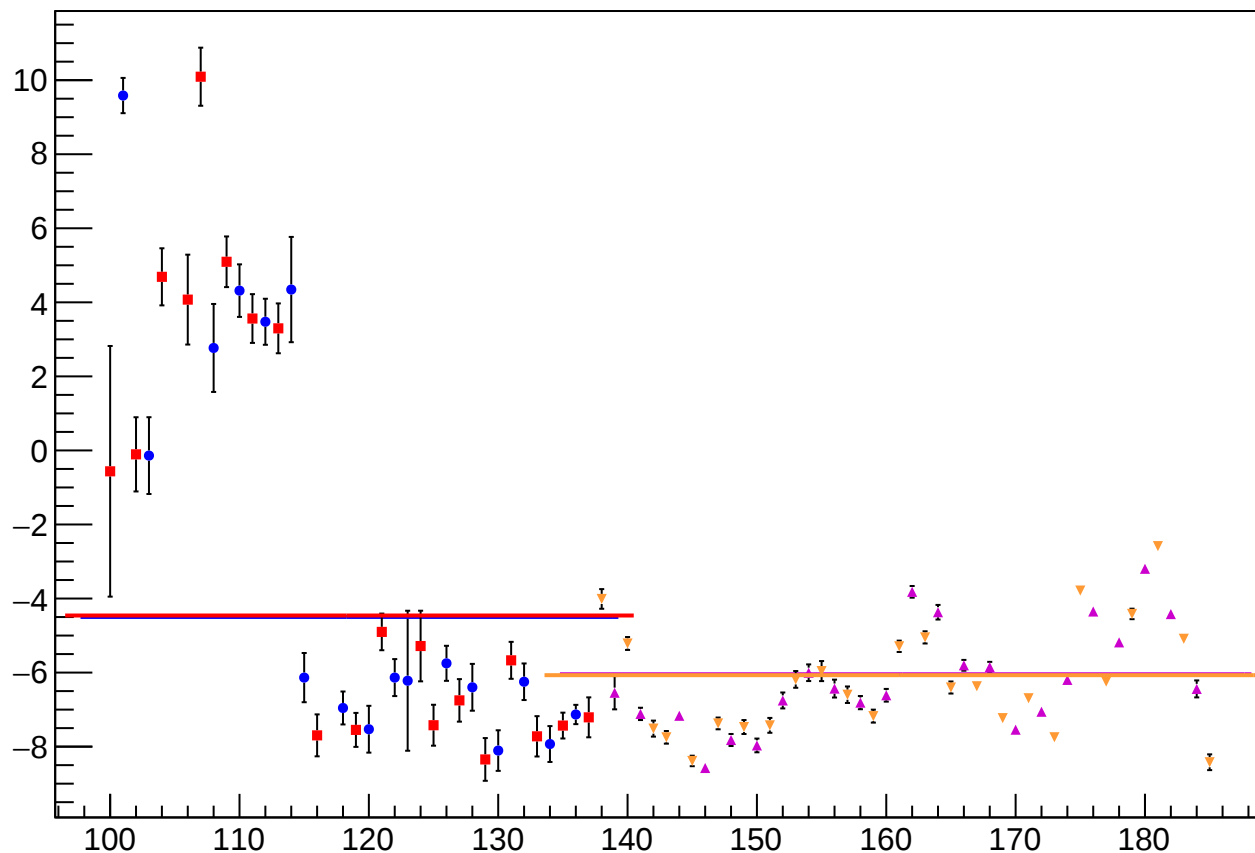
Left In: 11.660 ± 0.035 χ^2/NDF : 16710.2/22

+ sign 11.997 ± 0.034 χ^2/NDF : 20177.0/41

All: 11.909 ± 0.024 χ^2/NDF : 38205.2/83

- sign 11.817 ± 0.035 χ^2/NDF : 18014.7/41

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.497 ± 0.131 χ^2/NDF : 1582.8/16

Left Out: -6.070 ± 0.031 χ^2/NDF : 2668.5/24

Right Out: -4.458 ± 0.137 χ^2/NDF : 1340.5/18

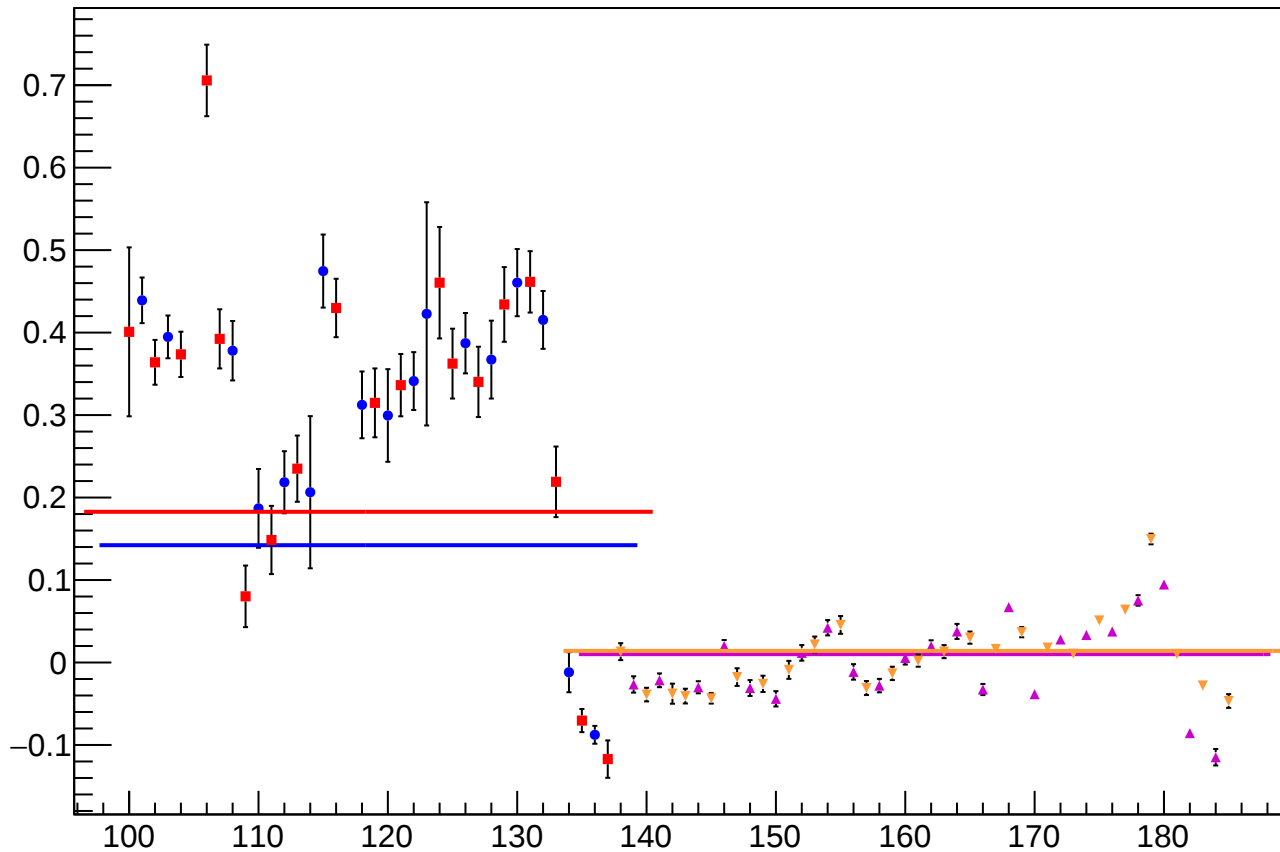
Left In: -6.045 ± 0.032 χ^2/NDF : 2293.7/22

+ sign -5.985 ± 0.030 χ^2/NDF : 4388.7/41

All: -5.975 ± 0.022 χ^2/NDF : 8150.1/83

- sign -5.965 ± 0.031 χ^2/NDF : 3761.1/41

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.142 $\pm$ 0.007 χ^2 /NDF: 1057.7/16

Left Out: 0.014 $\pm$ 0.001 χ^2 /NDF: 956.3/24

Right Out: 0.183 $\pm$ 0.007 χ^2 /NDF: 999.1/18

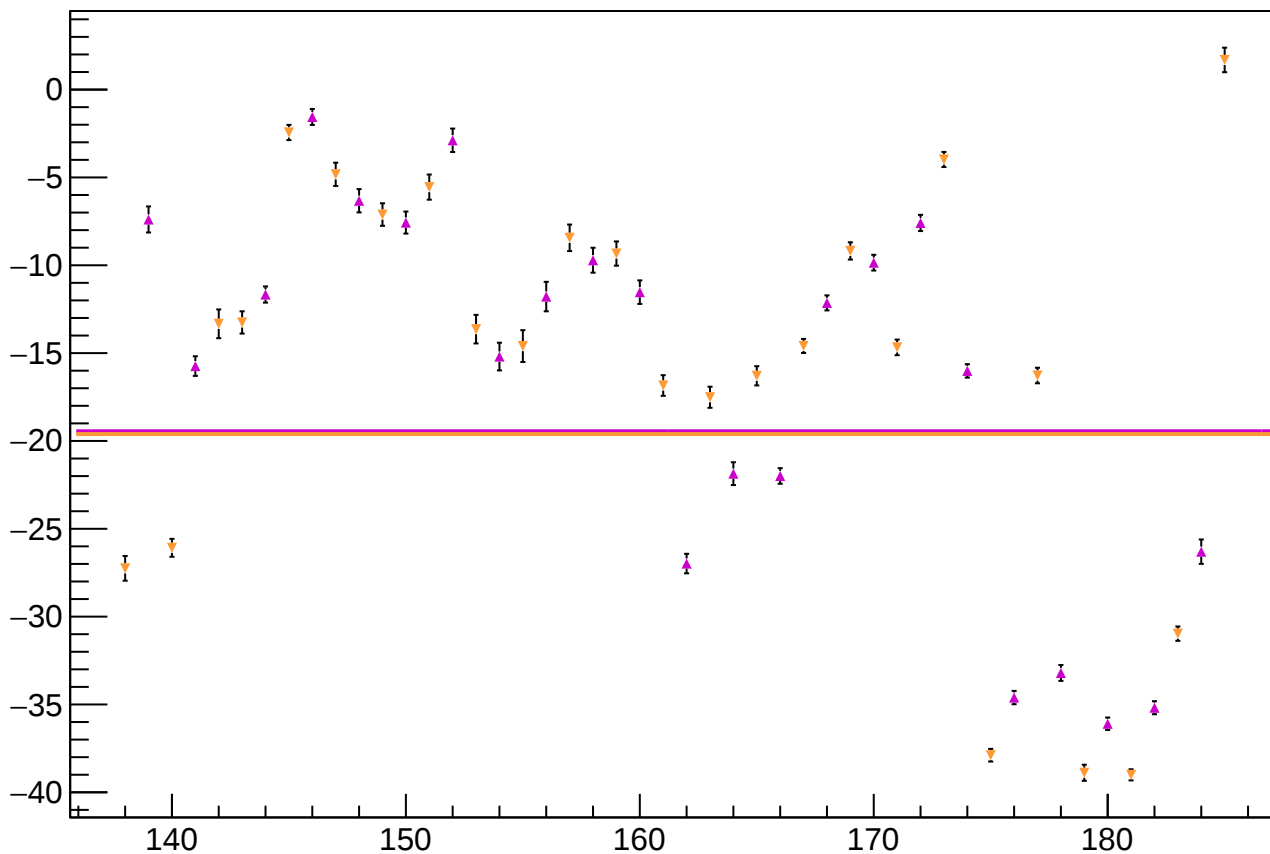
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 1216.1/22

+ sign 0.019 $\pm$ 0.001 χ^2 /NDF: 2329.4/41

All: 0.018 $\pm$ 0.001 χ^2 /NDF: 5068.4/83

- sign 0.016 $\pm$ 0.001 χ^2 /NDF: 2737.3/41

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -19.609 $\pm$ 0.103 χ^2 /NDF:15758.8/24

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

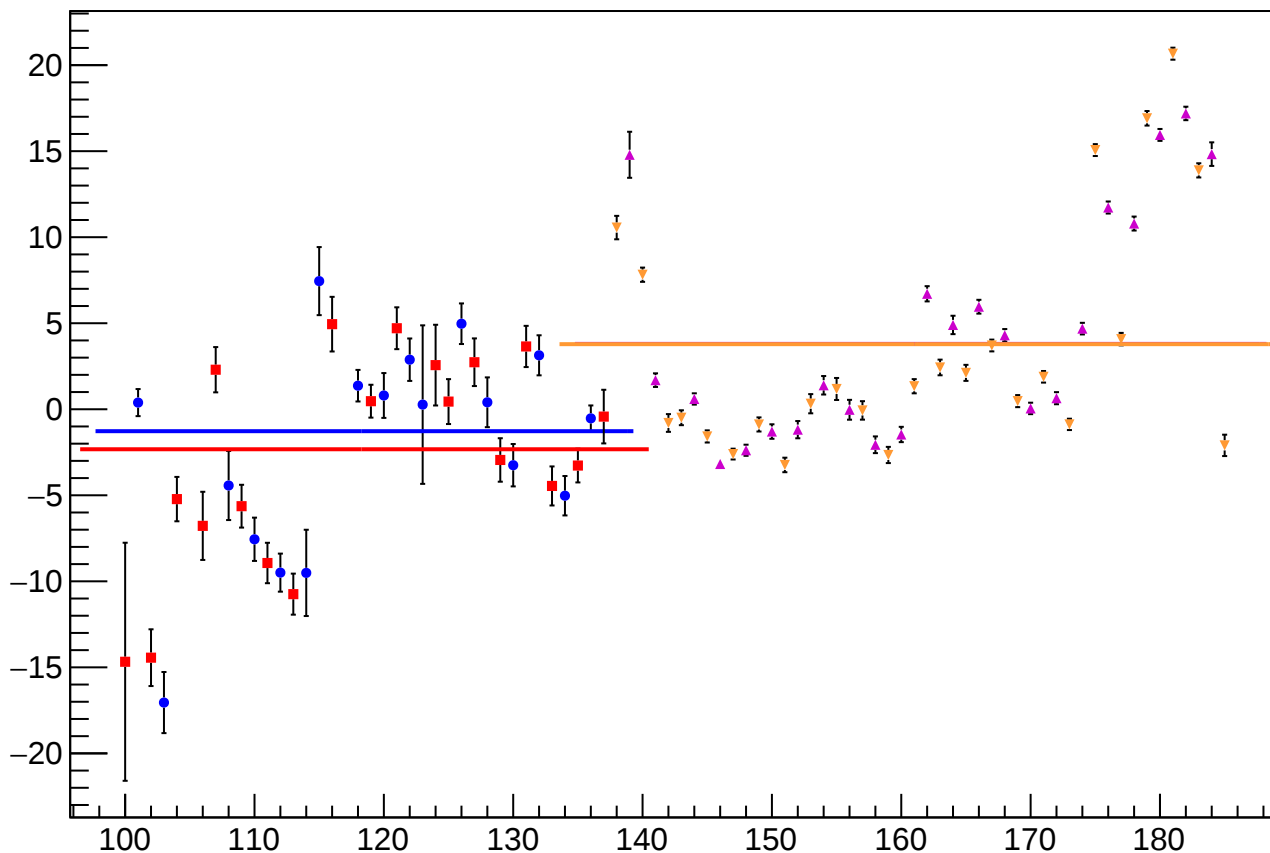
Left In: -19.450 $\pm$ 0.105 χ^2 /NDF:12283.1/22

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

All: -19.531 $\pm$ 0.074 χ^2 /NDF: 28043.1/47

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

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.274 ± 0.293 χ^2/NDF : 276.5/16

Left Out: 3.783 ± 0.082 χ^2/NDF : 7137.5/24

Right Out: -2.325 ± 0.303 χ^2/NDF : 284.4/18

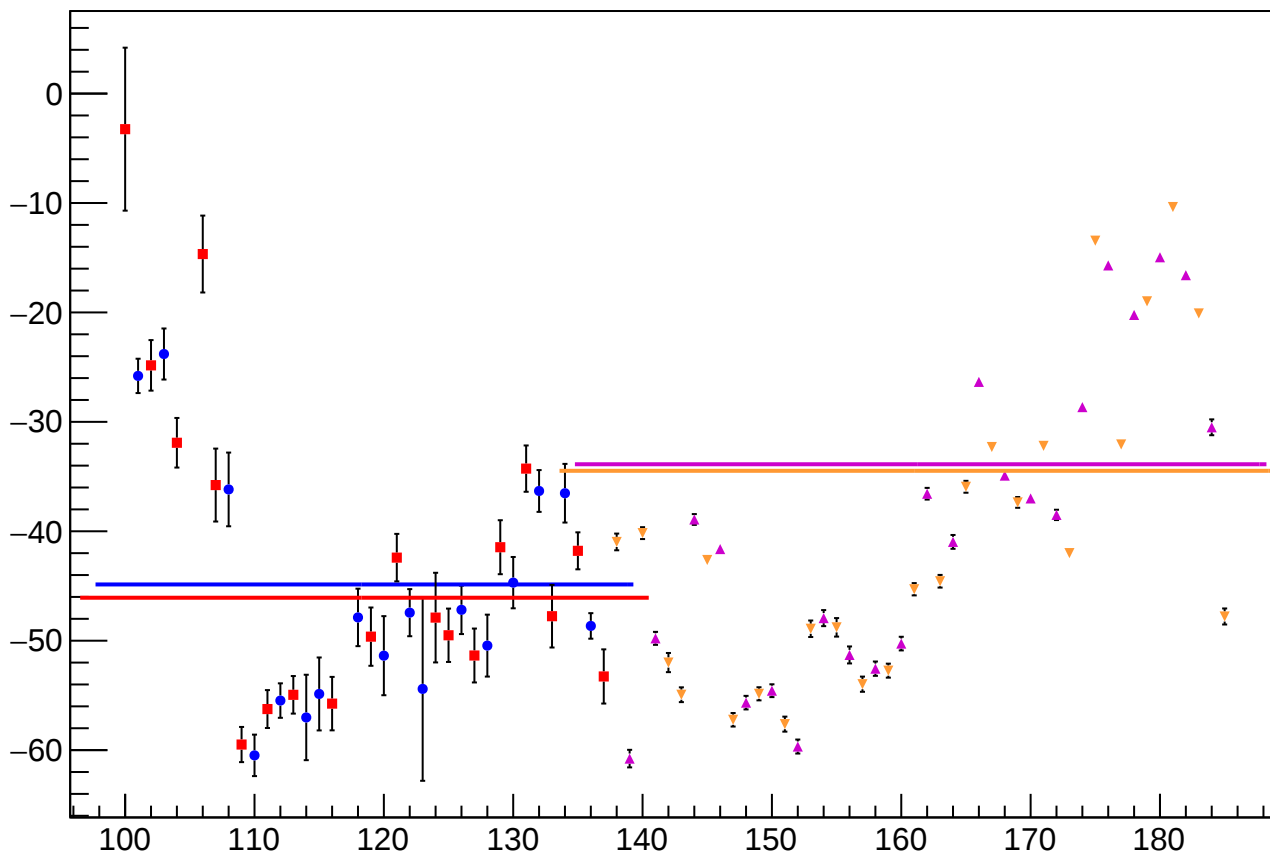
Left In: 3.799 ± 0.084 χ^2/NDF : 5517.0/22

+ sign 3.415 ± 0.079 χ^2/NDF : 7690.7/41

All: 3.391 ± 0.056 χ^2/NDF : 13872.4/83

- sign 3.365 ± 0.081 χ^2/NDF : 6181.5/41

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.859 ± 0.525 χ^2/NDF : 420.2/16

Left Out: -34.473 ± 0.104 χ^2/NDF : 20195.7/24

Right Out: -46.073 ± 0.529 χ^2/NDF : 453.9/18

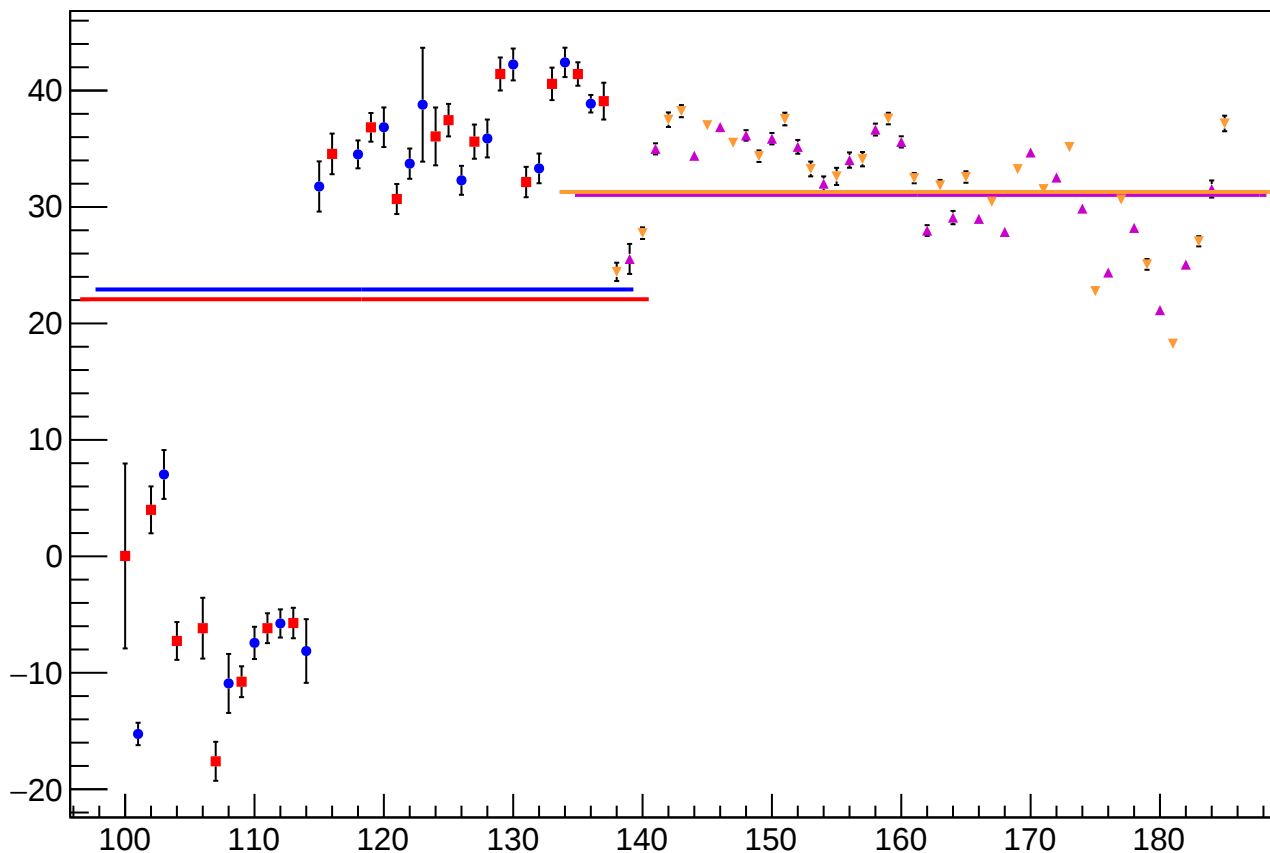
Left In: -33.875 ± 0.105 χ^2/NDF : 17638.7/22

+ sign -34.865 ± 0.102 χ^2/NDF : 20992.3/41

All: -34.605 ± 0.073 χ^2/NDF : 39608.6/83

- sign -34.339 ± 0.103 χ^2/NDF : 18603.2/41

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.917 $\pm$ 0.329 χ^2 /NDF: 4317.2/16

Left Out: 31.292 $\pm$ 0.092 χ^2 /NDF:3340.5/24

Right Out: 22.078 $\pm$ 0.341 χ^2 /NDF: 4029.9/18

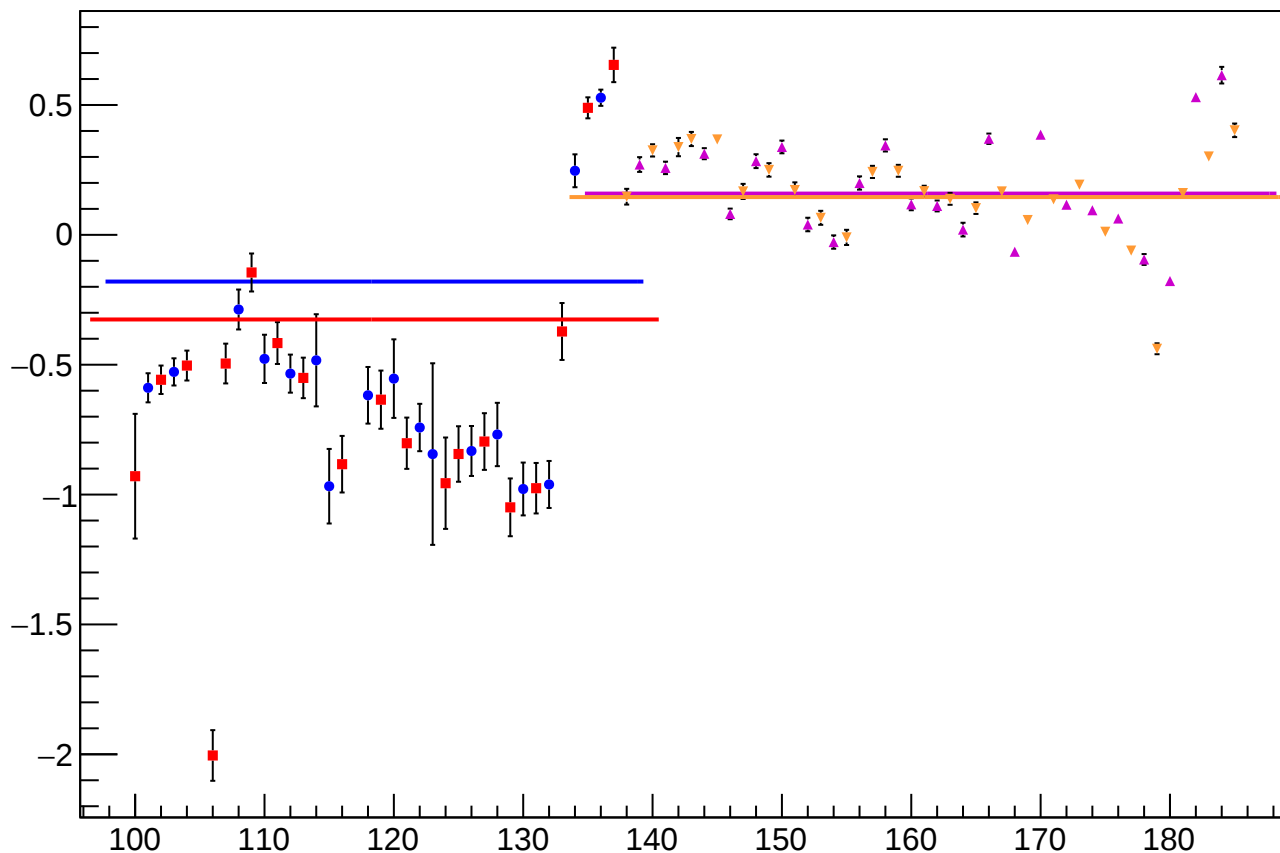
Left In: 31.039 $\pm$ 0.094 χ^2 /NDF:2480.0/22

+ sign 30.678 $\pm$ 0.089 χ^2 /NDF: 8259.5/41

All: 30.543 $\pm$ 0.064 χ^2 /NDF: 15417.3/83

- sign 30.402 $\pm$ 0.091 χ^2 /NDF: 7153.1/41

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180 ± 0.018 χ^2/NDF : 995.2/16

Left Out: 0.145 ± 0.004 χ^2/NDF : 1580.1/24

Right Out: -0.326 ± 0.018 χ^2/NDF : 1174.1/18

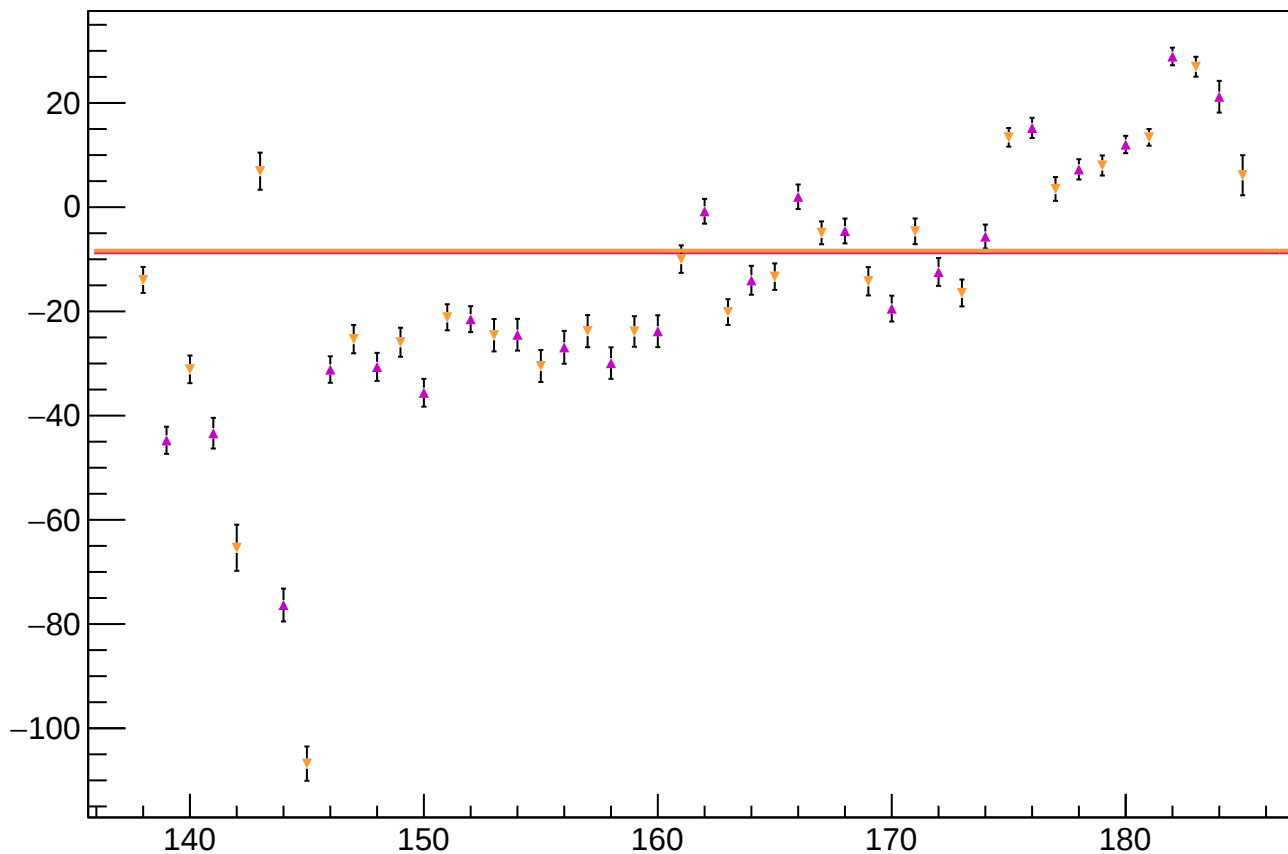
Left In: 0.159 ± 0.004 χ^2/NDF : 2009.8/22

+ sign 0.128 ± 0.004 χ^2/NDF : 2891.8/41

All: 0.131 ± 0.003 χ^2/NDF : 6746.7/83

- sign 0.133 ± 0.004 χ^2/NDF : 3854.1/41

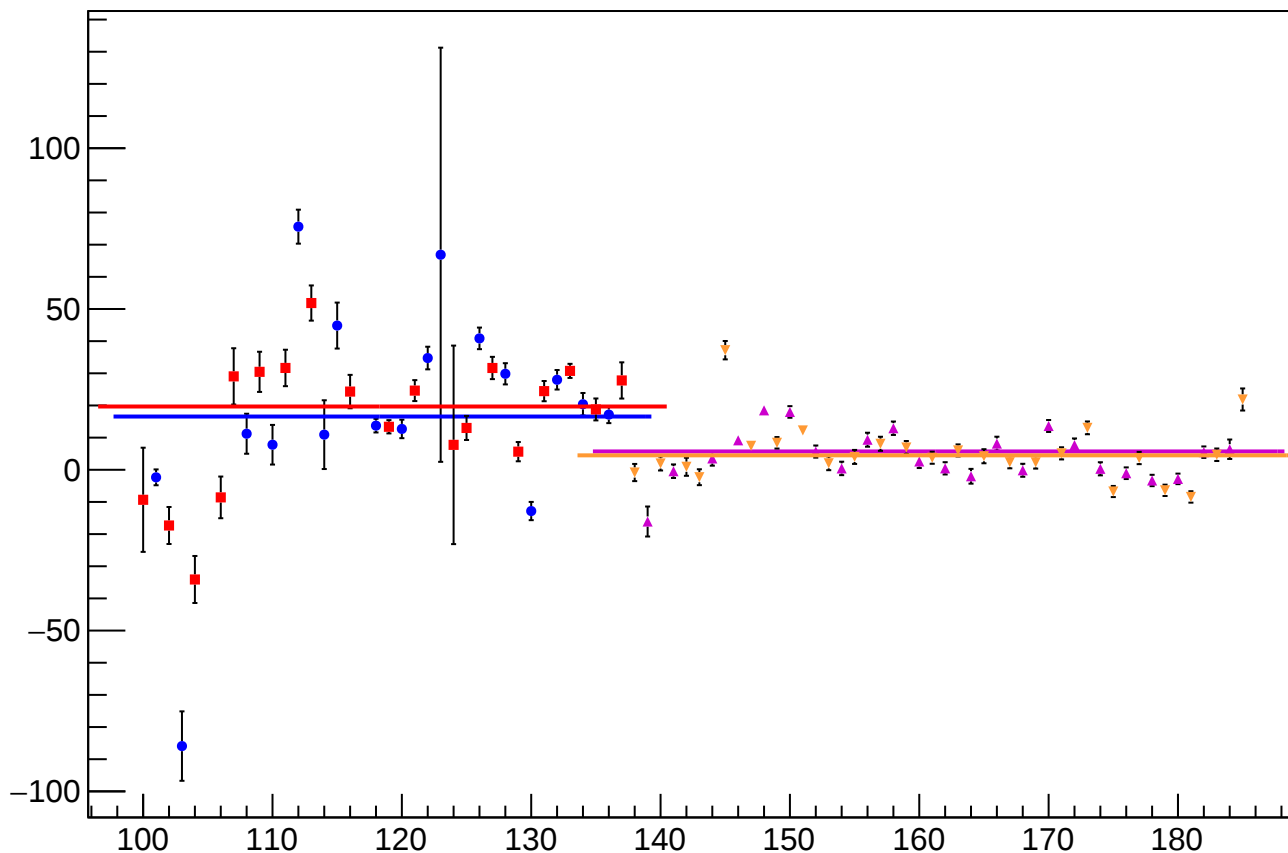
reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.342 $\pm$ 0.500 χ^2 /NDF:2226.2/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.652 $\pm$ 0.507 χ^2 /NDF:2223.8/22

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -8.494 $\pm$ 0.356 χ^2 /NDF: 4450.2/47
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.559 ± 0.860 χ^2/NDF : 514.9/16

Left Out: 4.490 ± 0.392 χ^2/NDF : 371.9/24

Right Out: 19.678 ± 0.898 χ^2/NDF : 240.6/18

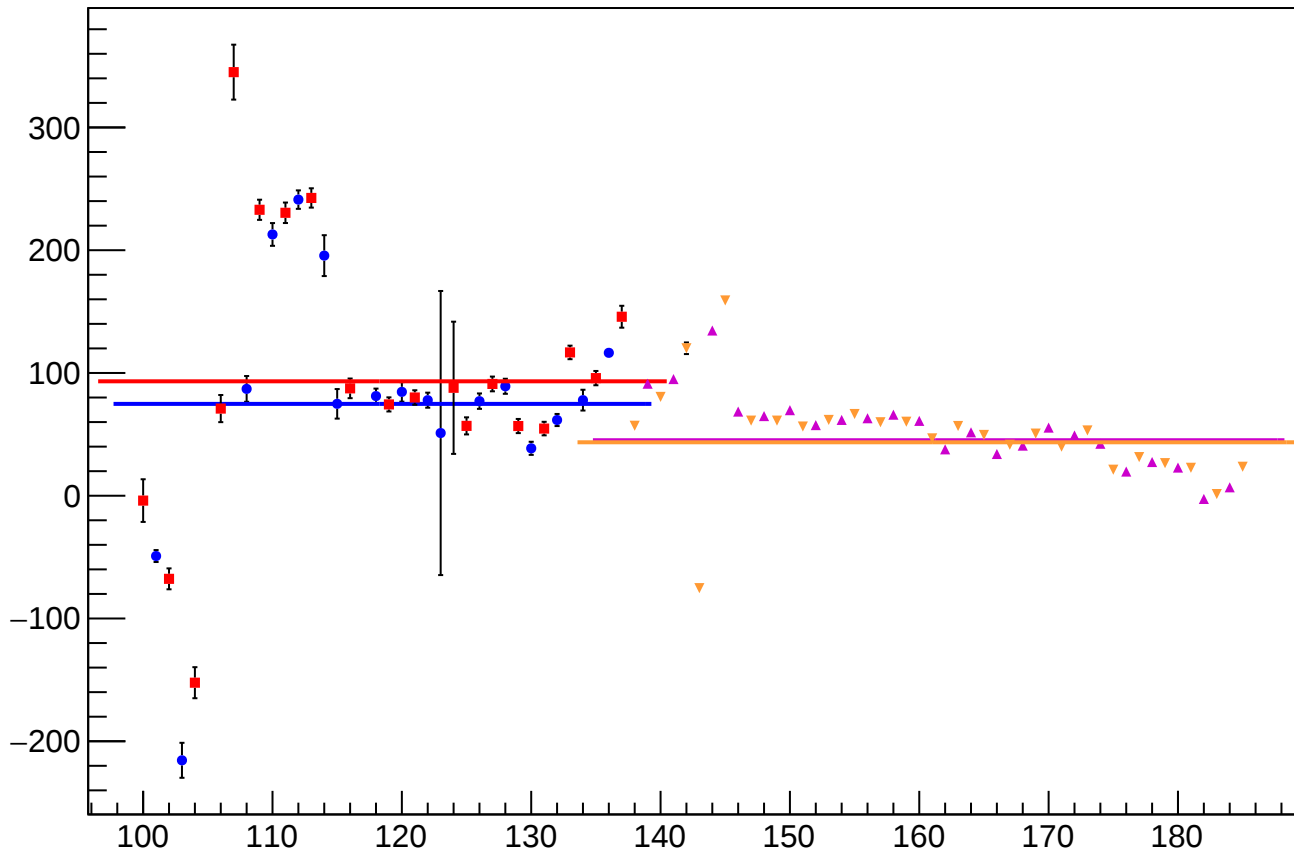
Left In: 5.705 ± 0.404 χ^2/NDF : 324.1/22

+ sign 6.568 ± 0.357 χ^2/NDF : 1049.9/41

All: 7.289 ± 0.256 χ^2/NDF : 1824.4/83

- sign 8.060 ± 0.369 χ^2/NDF : 766.1/41

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 74.816 ± 1.649 χ^2/NDF : 1994.3/16

Left Out: 43.536 ± 0.499 χ^2/NDF : 3830.3/24

Right Out: 93.209 ± 1.715 χ^2/NDF : 2001.2/18

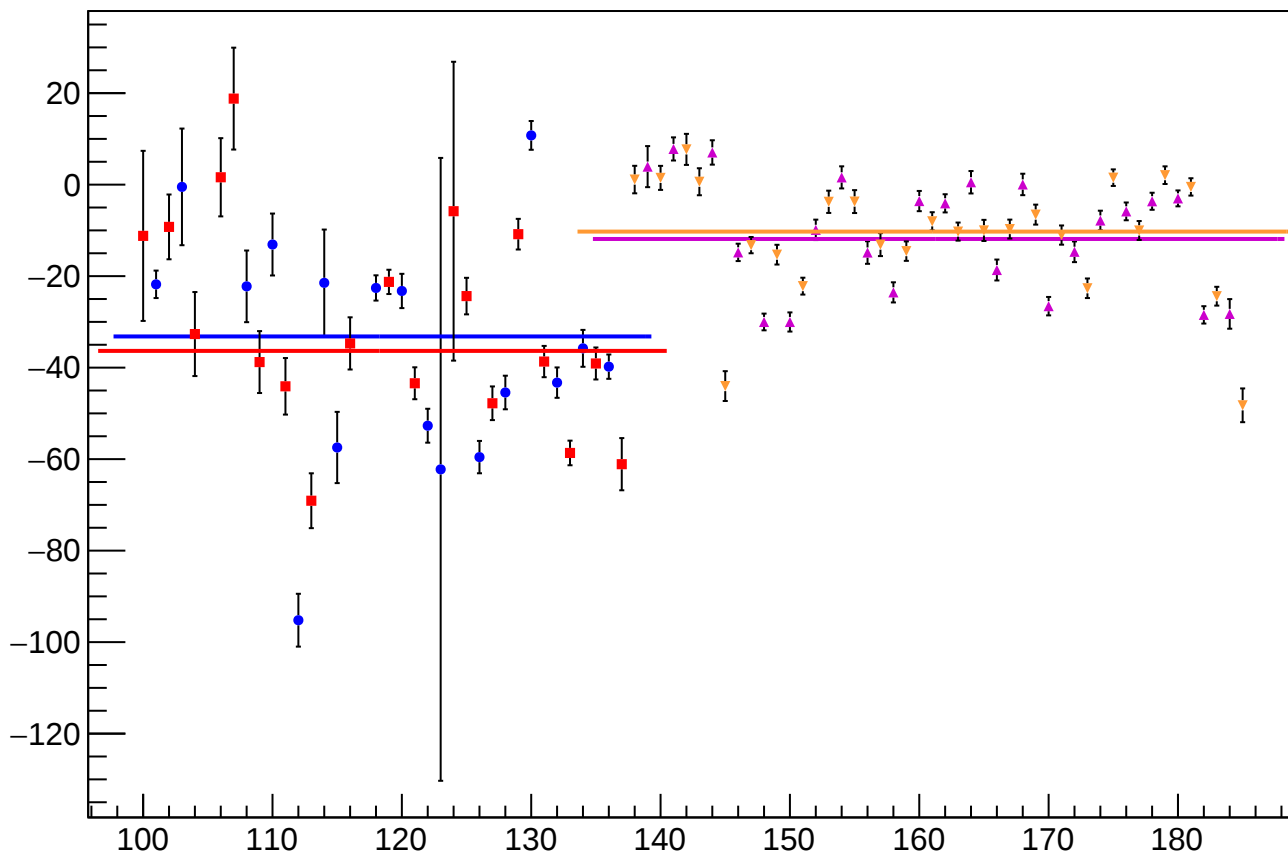
Left In: 45.211 ± 0.504 χ^2/NDF : 3048.5/22

+ sign 46.154 ± 0.477 χ^2/NDF : 6154.1/41

All: 47.573 ± 0.340 χ^2/NDF : 11942.5/83

- sign 49.031 ± 0.484 χ^2/NDF : 5770.5/41

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.182 ± 0.984 $\chi^2/\text{NDF}: 485.4/16$

Left Out: -10.262 ± 0.444 $\chi^2/\text{NDF}: 553.4/24$

Right Out: -36.341 ± 1.026 $\chi^2/\text{NDF}: 295.1/18$

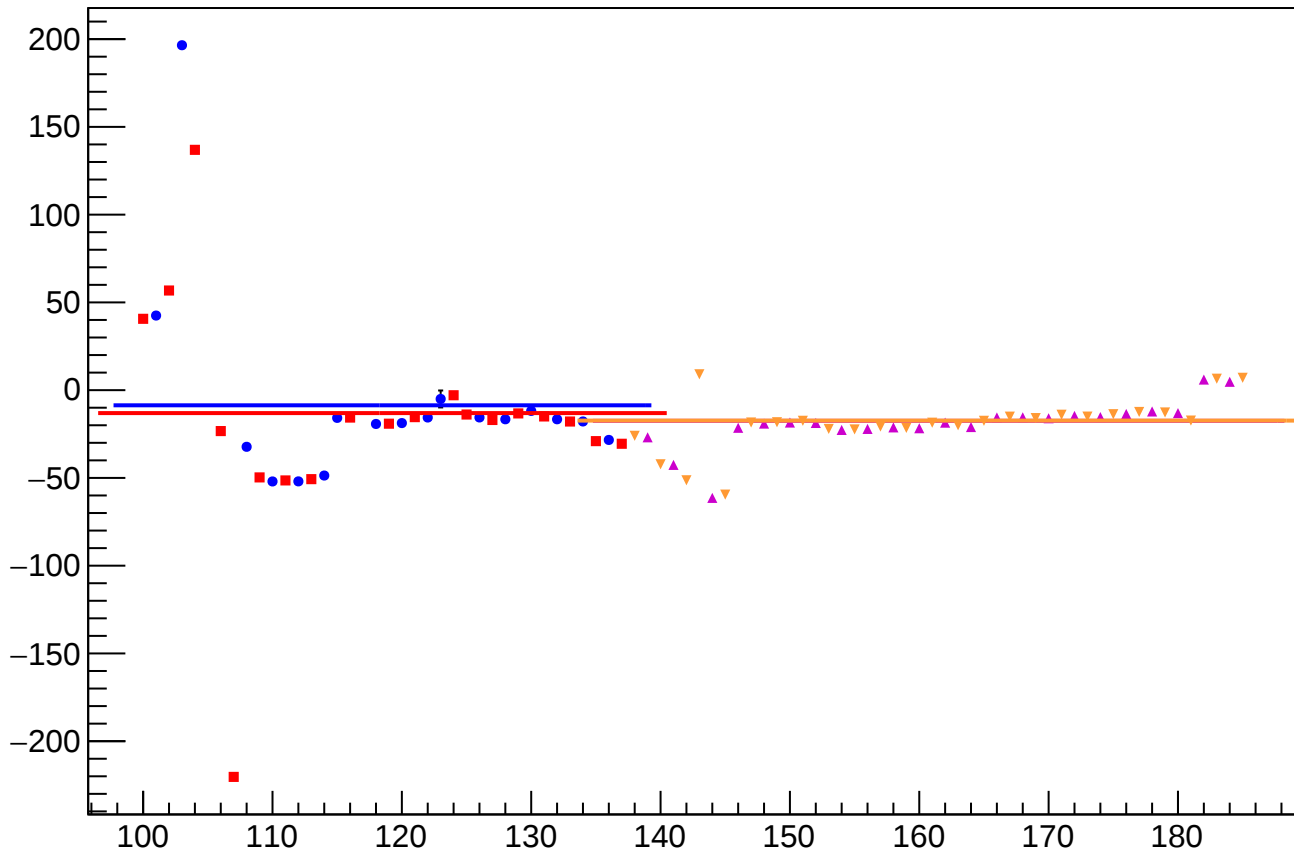
Left In: -11.877 ± 0.456 $\chi^2/\text{NDF}: 666.2/22$

+ sign -14.146 ± 0.405 $\chi^2/\text{NDF}: 1489.8/41$

All: -15.004 ± 0.290 $\chi^2/\text{NDF}: 2934.9/83$

- sign -15.912 ± 0.417 $\chi^2/\text{NDF}: 1435.9/41$

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.630 ± 0.059 χ^2/NDF : 575559.8/16

Left Out: -17.344 ± 0.020 χ^2/NDF : 324508.6/24

Right Out: -13.064 ± 0.062 χ^2/NDF : 558310.5/18

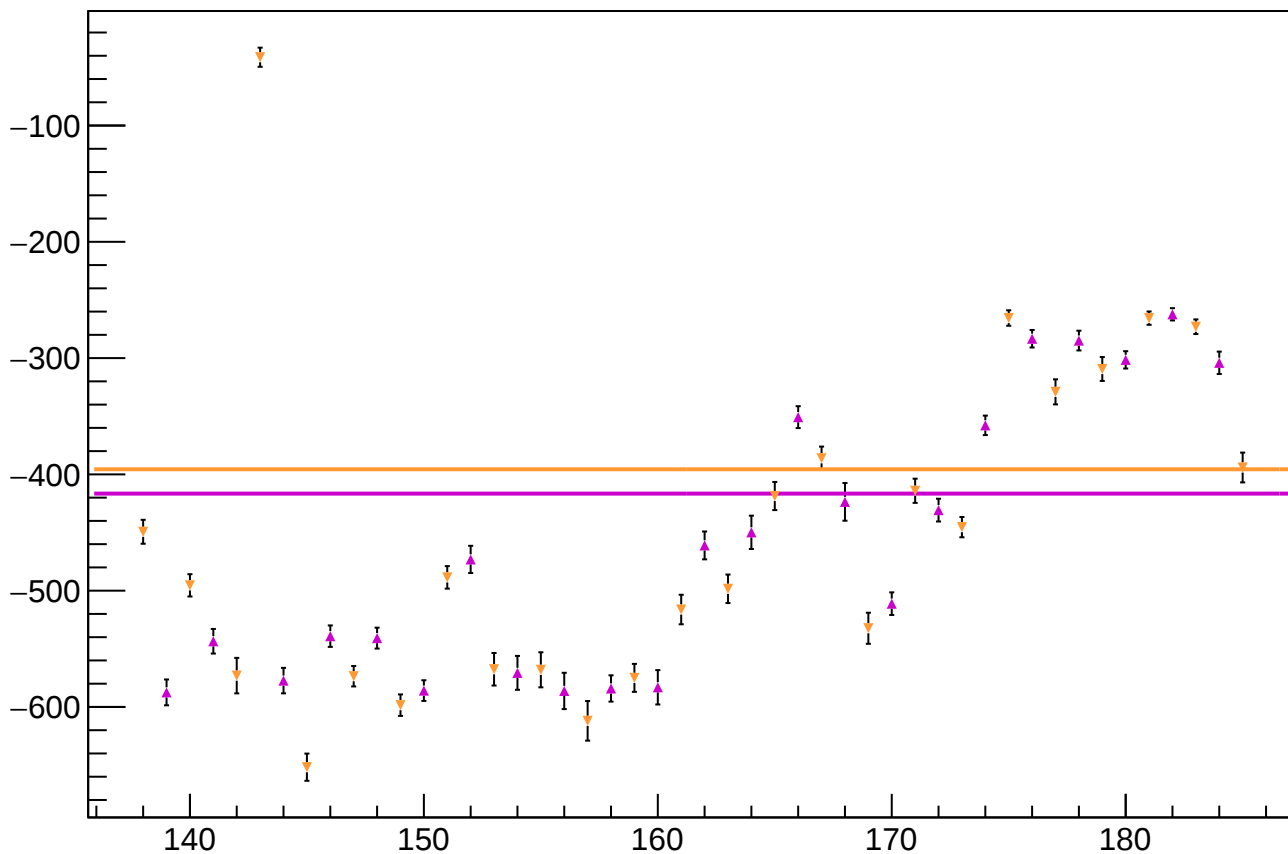
Left In: -17.491 ± 0.021 χ^2/NDF : 259215.8/22

+ sign -16.417 ± 0.019 χ^2/NDF : 919467.8/41

All: -16.727 ± 0.014 χ^2/NDF : 1742115.2/83

- sign -17.047 ± 0.020 χ^2/NDF : 822123.9/41

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -395.591 ± 1.954 χ^2/NDF : 5945.9/24

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

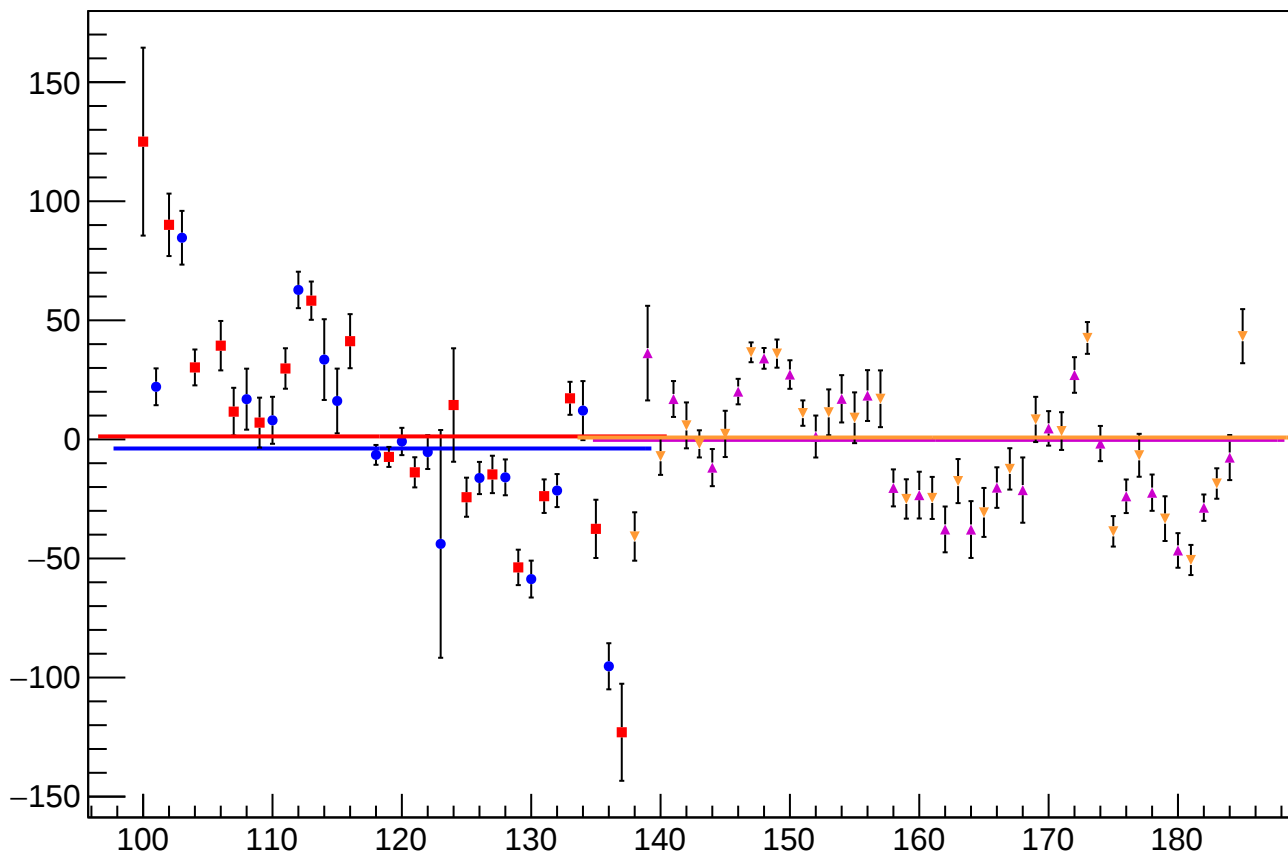
Left In: -416.521 ± 2.005 χ^2/NDF : 3917.0/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -405.788 ± 1.399 χ^2/NDF : 9918.8/47

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.821 ± 1.927 χ^2/NDF : 314.4/16

Left Out: 0.792 ± 1.503 χ^2/NDF : 349.6/24

Right Out: 1.253 ± 1.917 χ^2/NDF : 303.3/18

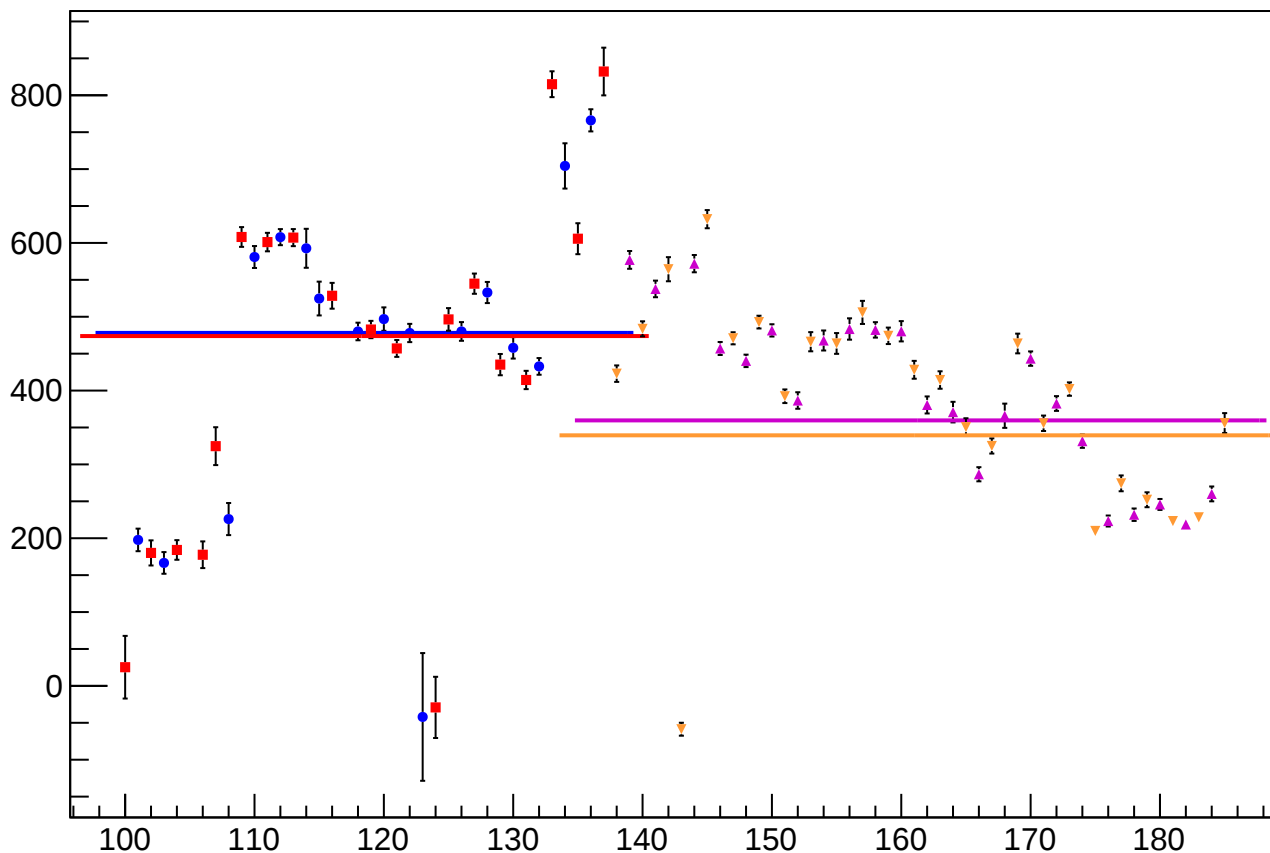
Left In: -0.202 ± 1.575 χ^2/NDF : 260.8/22

+ sign -0.953 ± 1.185 χ^2/NDF : 667.6/41

All: -0.302 ± 0.849 χ^2/NDF : 1232.7/83

- sign 0.385 ± 1.217 χ^2/NDF : 564.5/41

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.121 ± 3.670 $\chi^2/\text{NDF}: 1627.6/16$

Left Out: 339.390 ± 1.963 $\chi^2/\text{NDF}: 5502.1/24$

Right Out: 473.847 ± 3.538 $\chi^2/\text{NDF}: 2285.5/18$

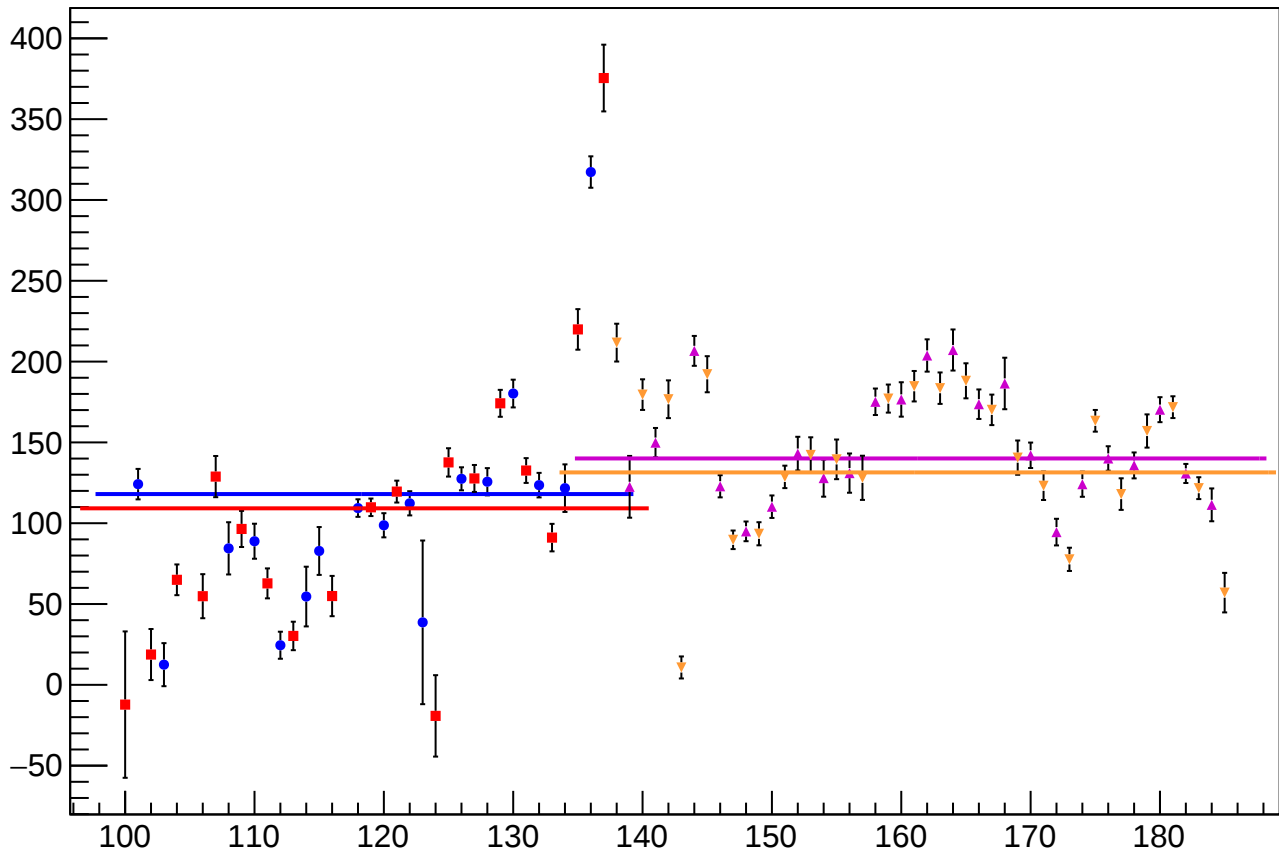
Left In: 359.609 ± 2.003 $\chi^2/\text{NDF}: 3398.5/22$

+ sign 370.248 ± 1.731 $\chi^2/\text{NDF}: 8240.5/41$

All: 378.733 ± 1.228 $\chi^2/\text{NDF}: 14762.6/83$

- sign 387.332 ± 1.743 $\chi^2/\text{NDF}: 6473.7/41$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 118.036 ± 2.231 $\chi^2/\text{NDF}: 705.1/16$

Left Out: 131.434 ± 1.728 $\chi^2/\text{NDF}: 809.5/24$

Right Out: 109.208 ± 2.209 $\chi^2/\text{NDF}: 568.1/18$

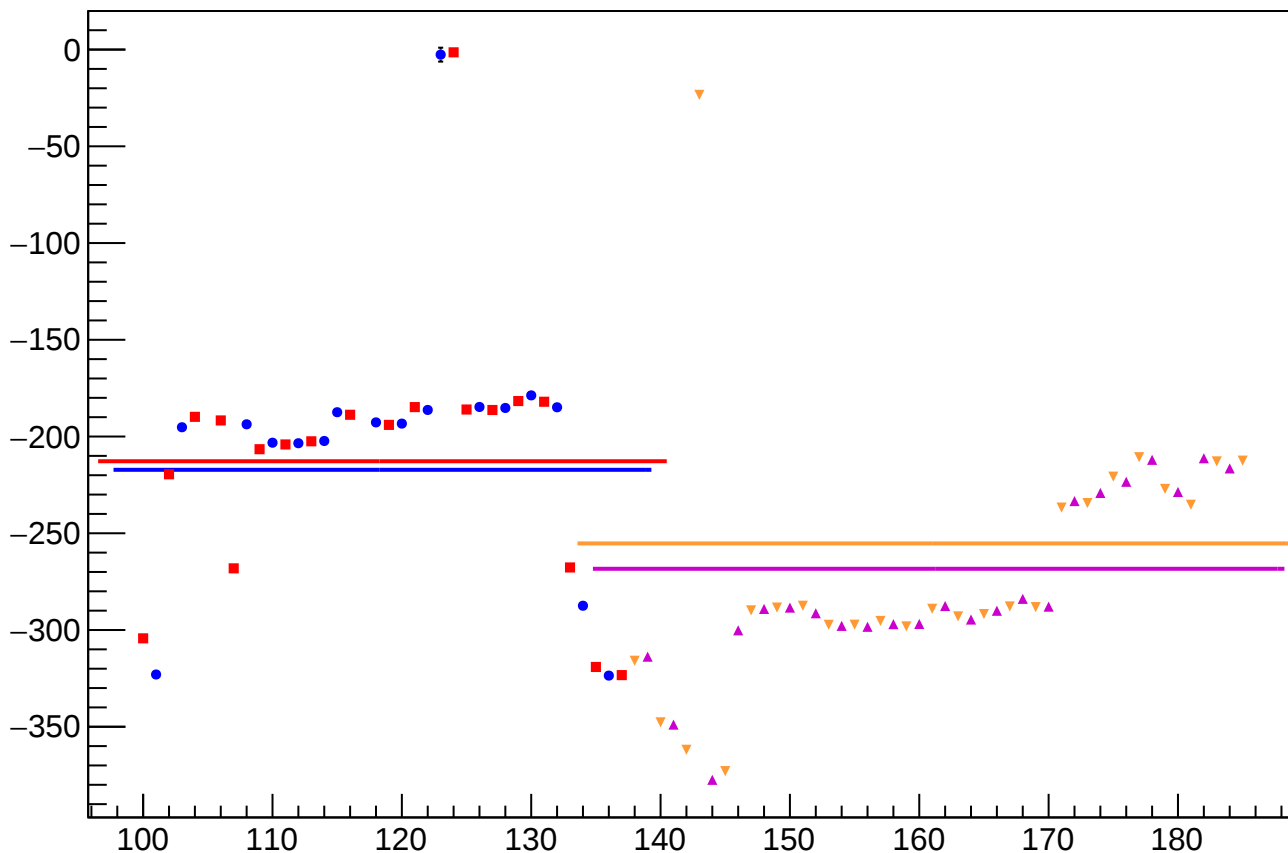
Left In: 140.069 ± 1.795 $\chi^2/\text{NDF}: 316.5/22$

+ sign 126.410 ± 1.366 $\chi^2/\text{NDF}: 1537.1/41$

All: 127.090 ± 0.975 $\chi^2/\text{NDF}: 2539.8/83$

- sign 127.797 ± 1.393 $\chi^2/\text{NDF}: 1002.2/41$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.198 ± 0.137 χ^2/NDF : 146444.6/16

Left Out: -255.254 ± 0.082 χ^2/NDF : 727884.9/24

Right Out: -212.772 ± 0.130 χ^2/NDF : 115507.3/18

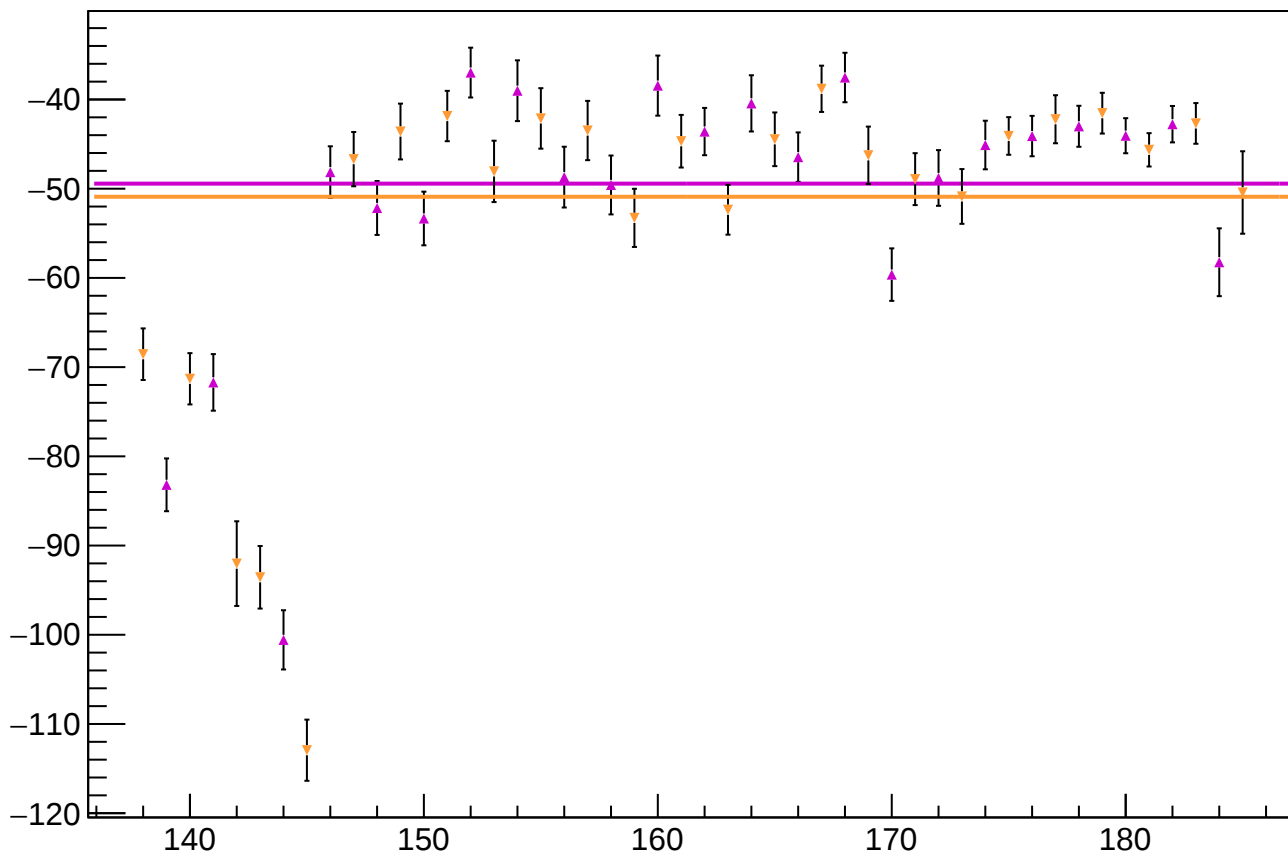
Left In: -268.353 ± 0.084 χ^2/NDF : 262479.3/22

+ sign -245.197 ± 0.070 χ^2/NDF : 931269.8/41

All: -248.669 ± 0.050 χ^2/NDF : 1442939.0/83

- sign -252.148 ± 0.070 χ^2/NDF : 506787.7/41

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -50.903 $\pm$ 0.573 χ^2 /NDF: 761.0/24

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

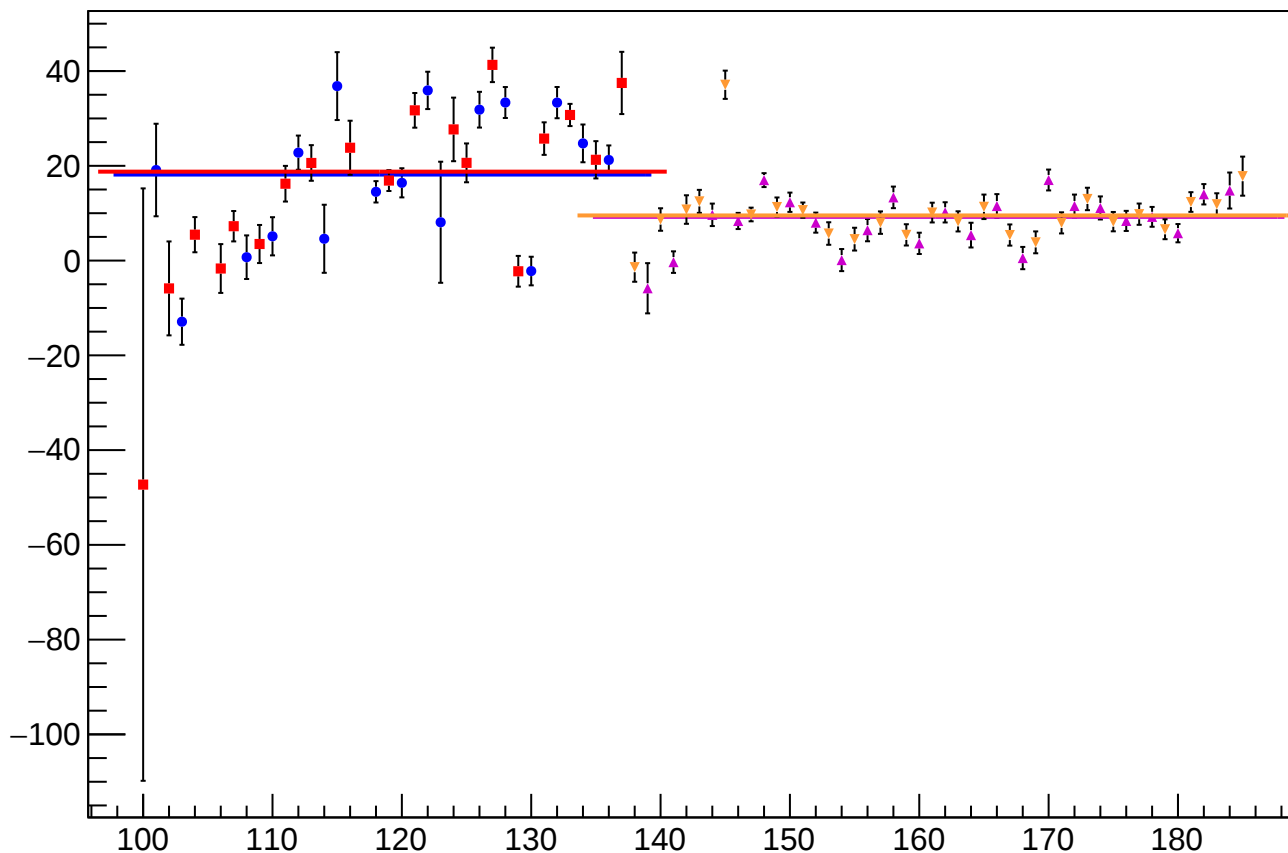
Left In: -49.432 $\pm$ 0.584 χ^2 /NDF: 543.4/22

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

All: -50.181 $\pm$ 0.409 χ^2 /NDF: 1307.6/47

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

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.157 ± 0.919 χ^2/NDF : 206.6/16

Left Out: 9.527 ± 0.446 χ^2/NDF : 134.3/24

Right Out: 18.770 ± 0.864 χ^2/NDF : 199.0/18

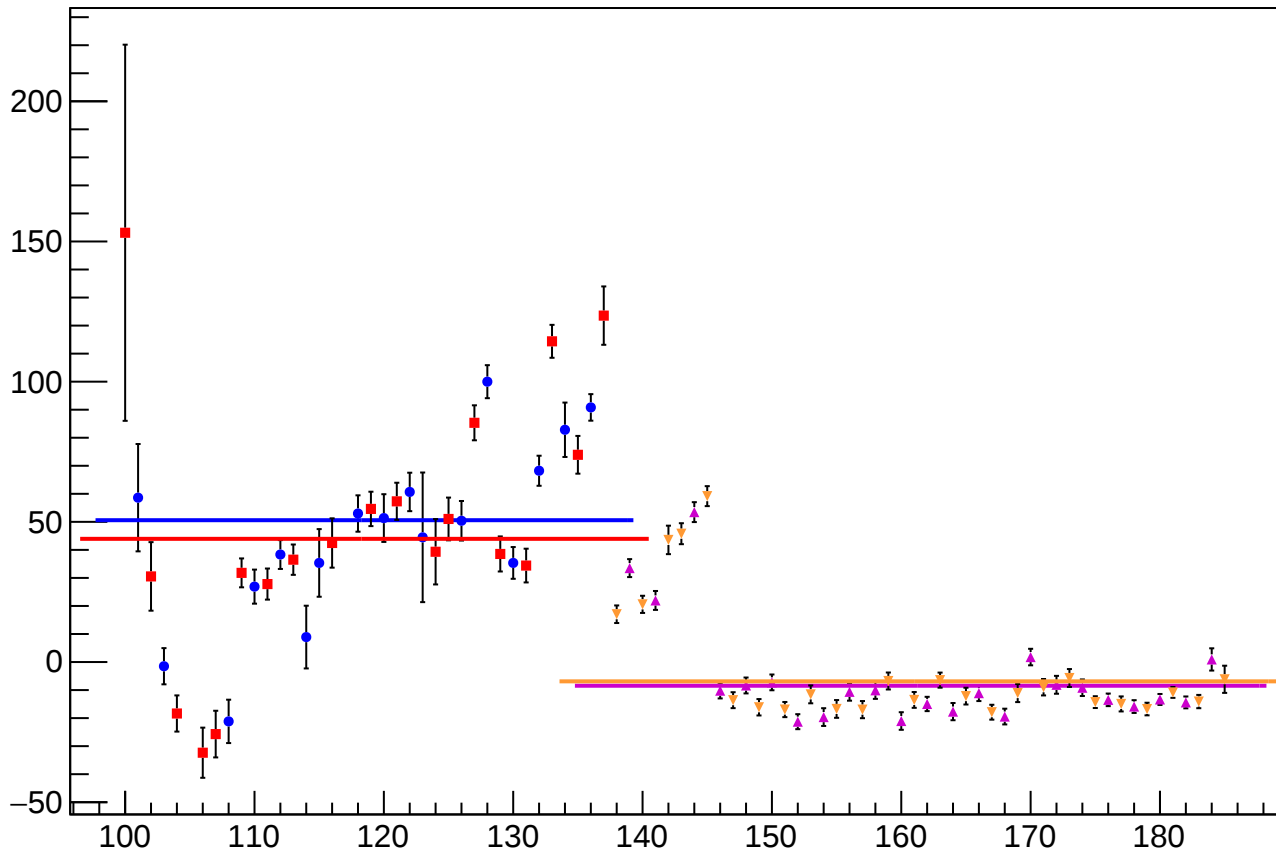
Left In: 9.231 ± 0.462 χ^2/NDF : 124.0/22

+ sign 11.172 ± 0.401 χ^2/NDF : 412.3/41

All: 11.260 ± 0.286 χ^2/NDF : 830.3/83

- sign 11.351 ± 0.407 χ^2/NDF : 417.9/41

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.587 $\pm$ 1.681 χ^2 /NDF: 361.7/16

Left Out: -6.887 $\pm$ 0.571 χ^2 /NDF: 914.3/24

Right Out: 43.942 $\pm$ 1.605 χ^2 /NDF: 533.3/18

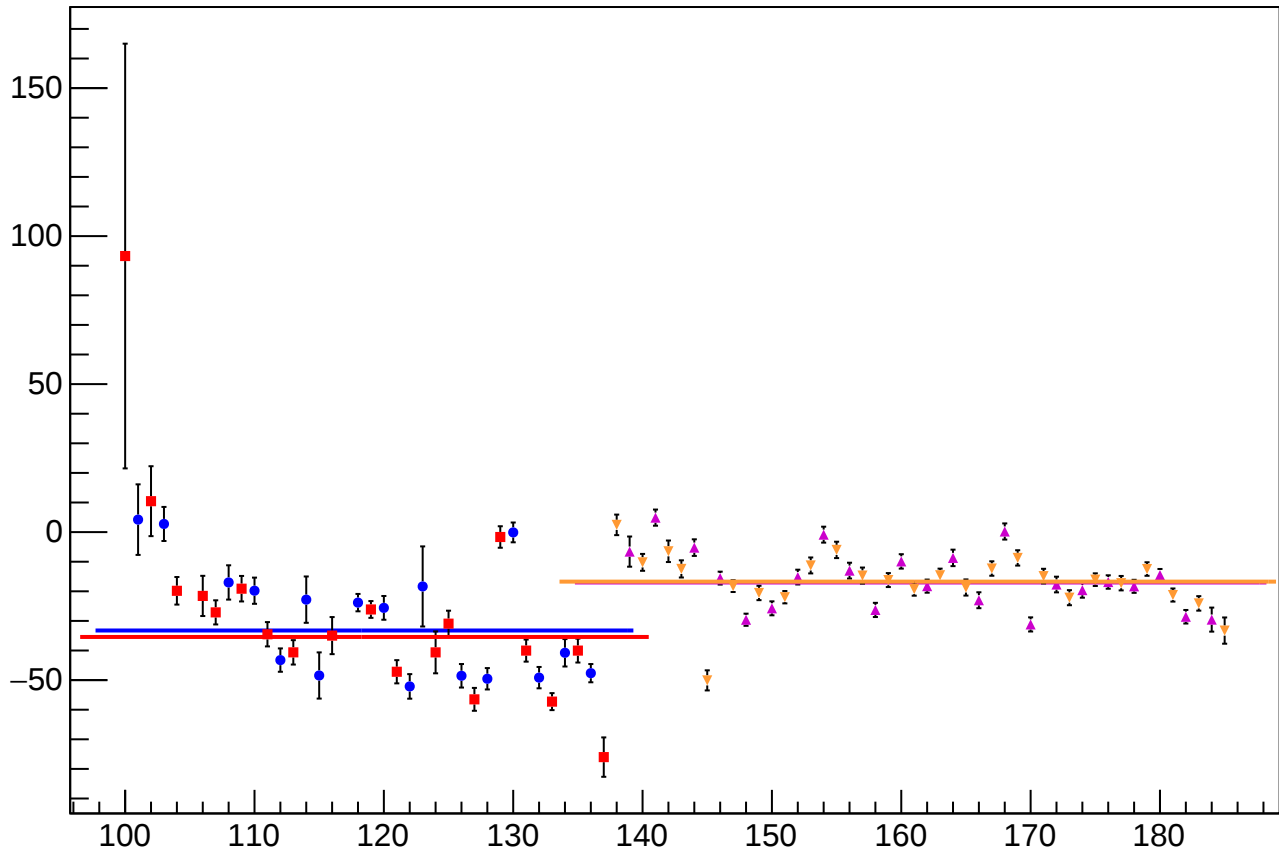
Left In: -8.451 $\pm$ 0.580 χ^2 /NDF: 688.9/22

+ sign -0.937 $\pm$ 0.541 χ^2 /NDF: 2324.5/41

All: -1.664 $\pm$ 0.384 χ^2 /NDF: 4492.8/83

- sign -2.404 $\pm$ 0.545 χ^2 /NDF: 2164.7/41

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.238 ± 1.045 χ^2/NDF : 291.4/16

Left Out: -16.727 ± 0.507 χ^2/NDF : 223.0/24

Right Out: -35.423 ± 0.993 χ^2/NDF : 289.2/18

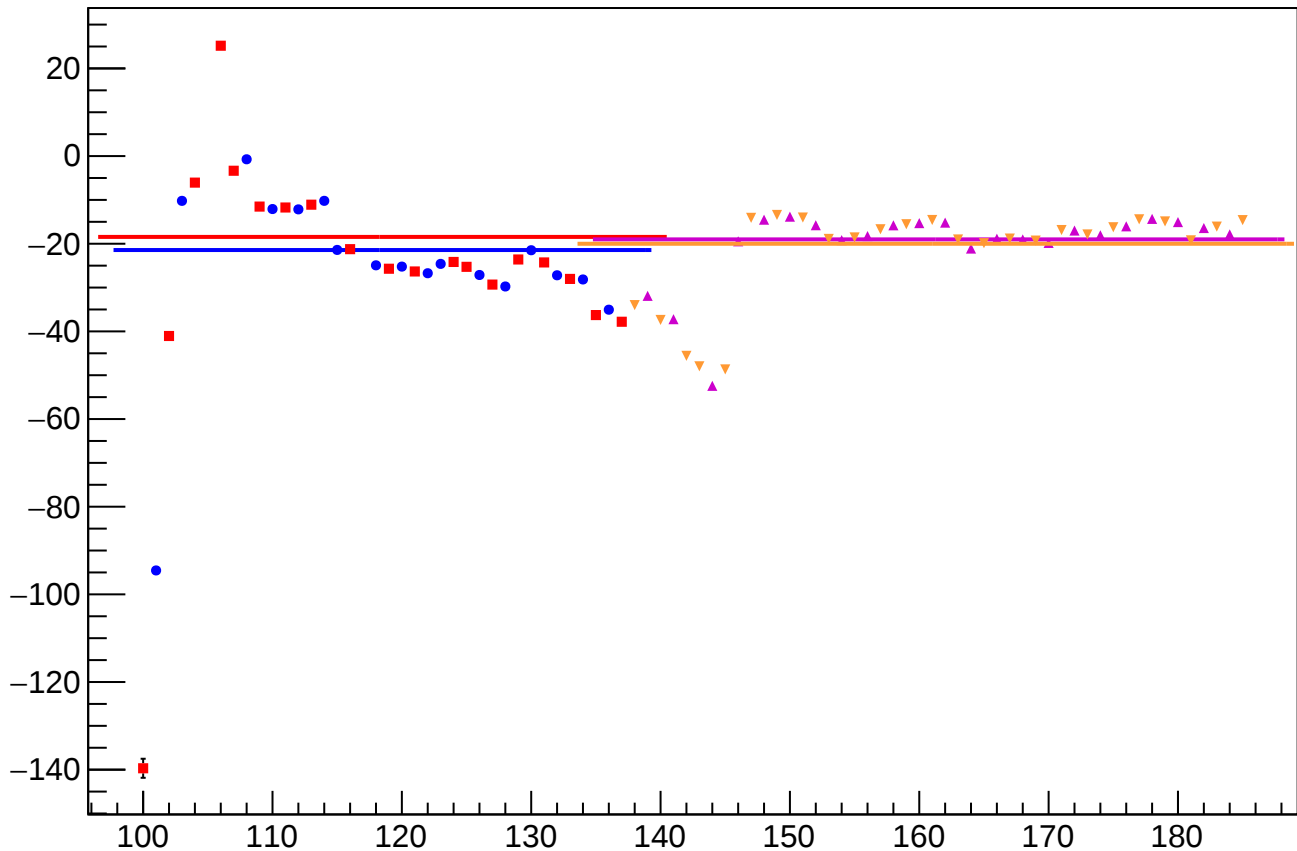
Left In: -17.023 ± 0.522 χ^2/NDF : 327.6/22

+ sign -19.868 ± 0.456 χ^2/NDF : 716.3/41

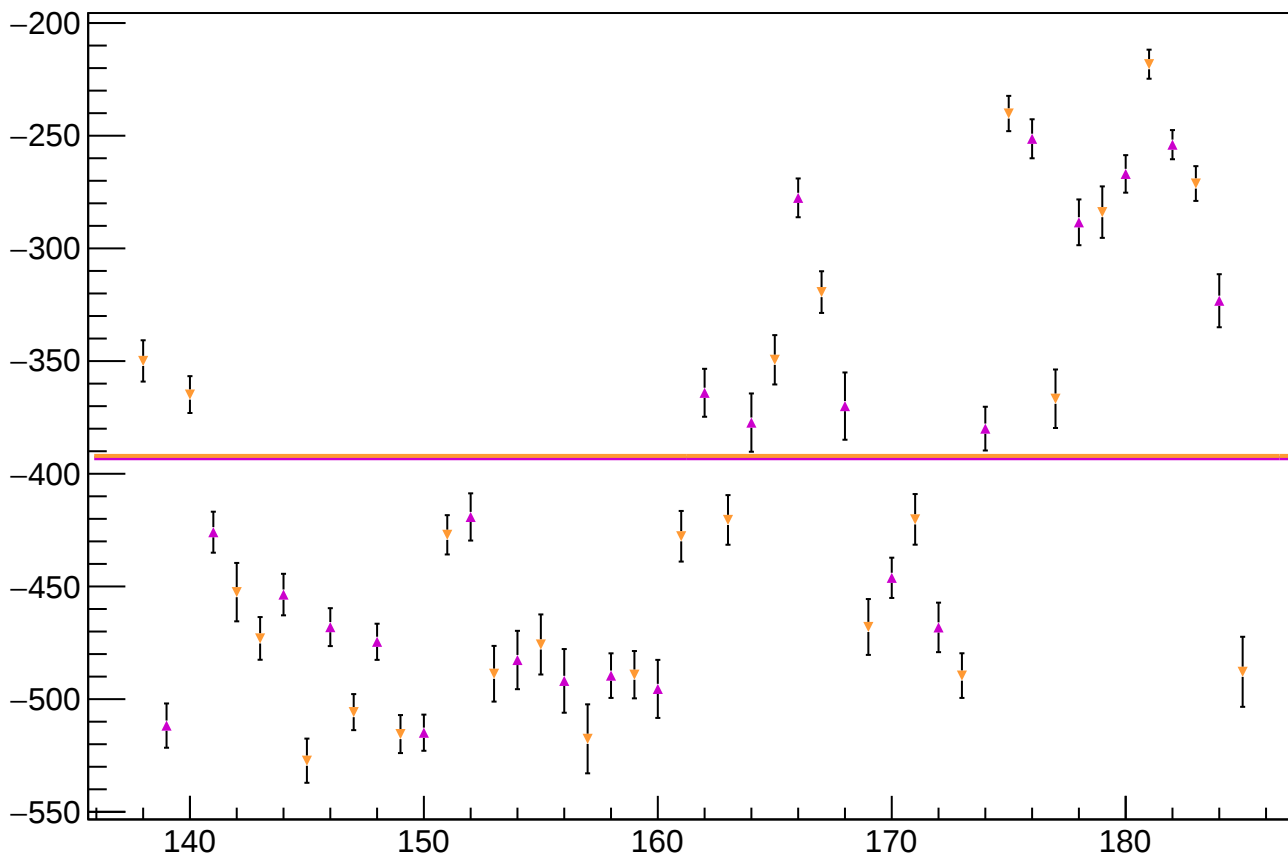
All: -20.429 ± 0.325 χ^2/NDF : 1605.2/83

- sign -21.005 ± 0.462 χ^2/NDF : 885.8/41

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: -392.072+/-1.967 χ^2/NDF : 2717.5/24

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

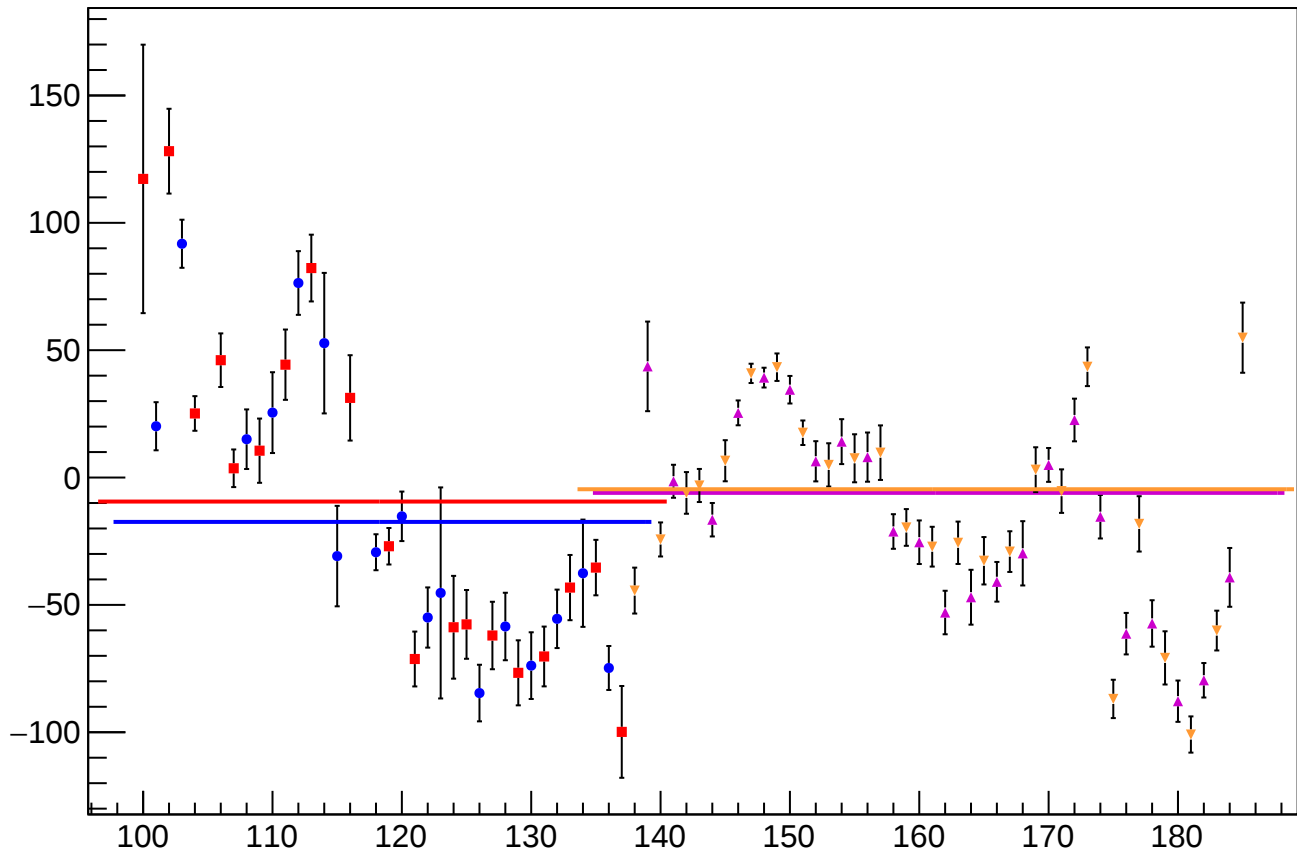
Left In: -393.113+/-2.006 χ^2/NDF : 2253.3/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.583+/-1.404 χ^2/NDF : 4970.9/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.419 ± 2.826 χ^2/NDF : 362.1/16

Left Out: -4.596 ± 1.462 χ^2/NDF : 771.5/24

Right Out: -9.431 ± 2.611 χ^2/NDF : 369.3/18

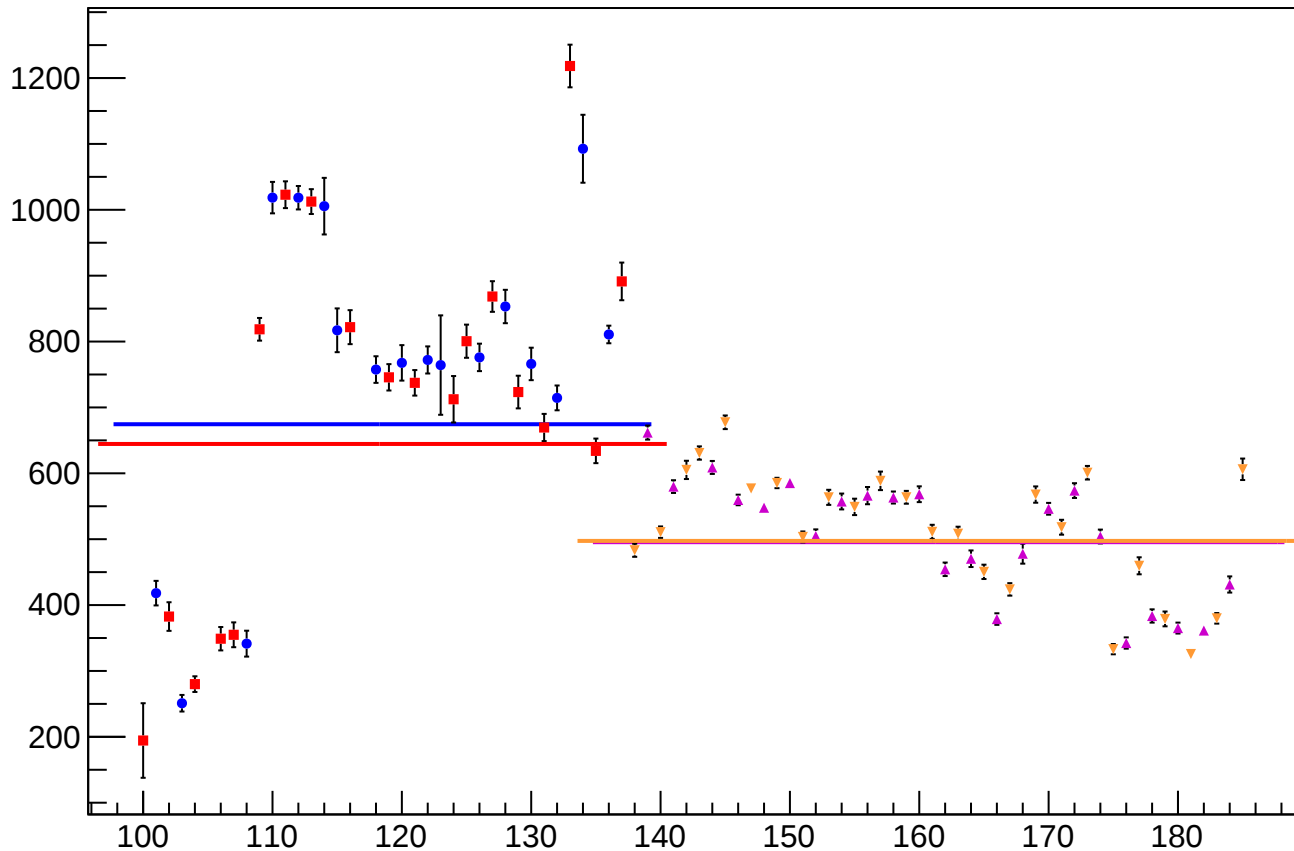
Left In: -6.019 ± 1.516 χ^2/NDF : 654.1/22

+ sign -7.305 ± 1.299 χ^2/NDF : 1149.8/41

All: -7.094 ± 0.923 χ^2/NDF : 2174.5/83

- sign -6.879 ± 1.311 χ^2/NDF : 1024.6/41

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 674.502 $\pm$ 5.076 χ^2 /NDF: 2580.6/16

Left Out: 497.393 $\pm$ 1.966 χ^2 /NDF: 2615.1/24

Right Out: 644.557 $\pm$ 4.767 χ^2 /NDF: 3120.1/18

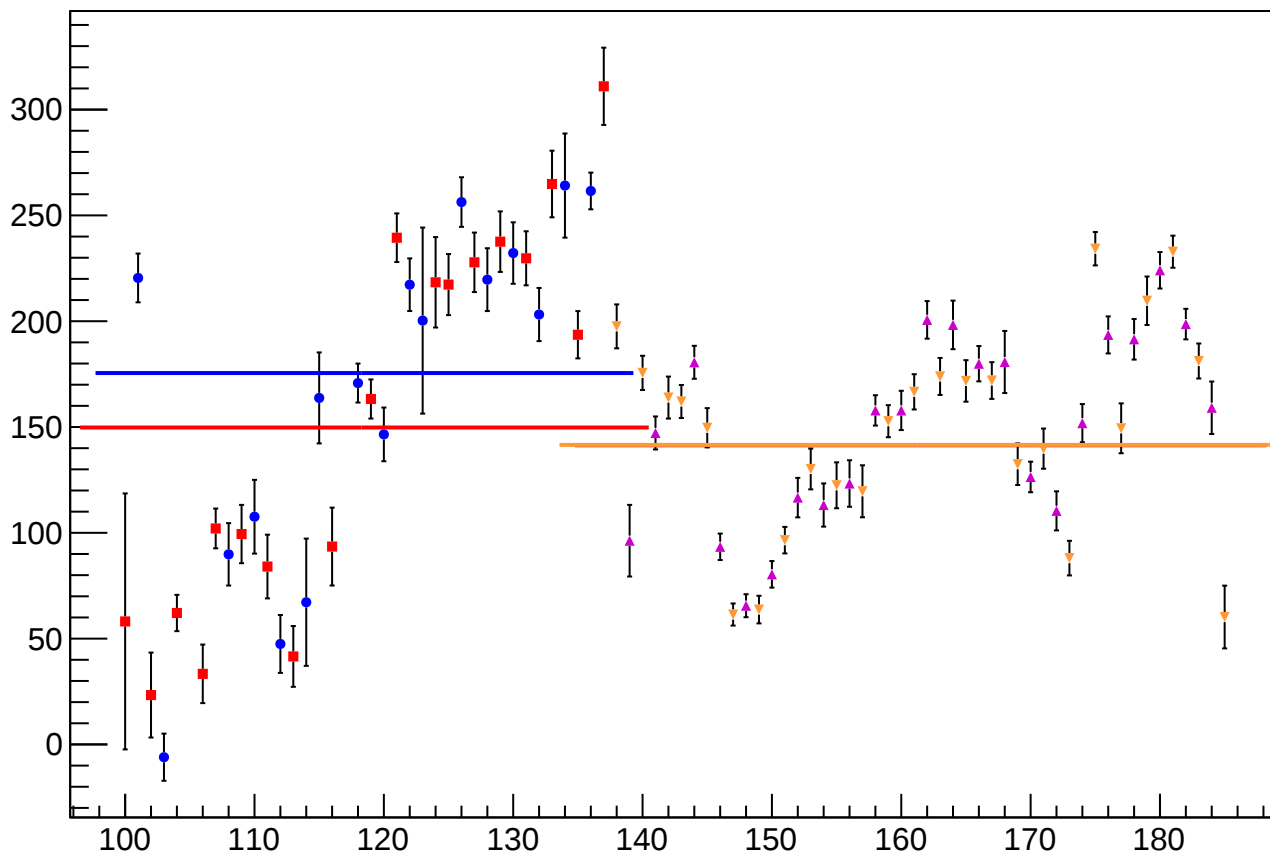
Left In: 495.454 $\pm$ 1.992 χ^2 /NDF: 2253.8/22

+ sign 520.498 $\pm$ 1.834 χ^2 /NDF: 6254.1/41

All: 519.064 $\pm$ 1.298 χ^2 /NDF: 12462.1/83

- sign 517.622 $\pm$ 1.838 χ^2 /NDF: 6206.8/41

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.509 $\pm$ 3.245 χ^2 /NDF: 635.4/16

Left Out: 141.550 $\pm$ 1.699 χ^2 /NDF: 958.6/24

Right Out: 149.769 $\pm$ 3.046 χ^2 /NDF: 691.2/18

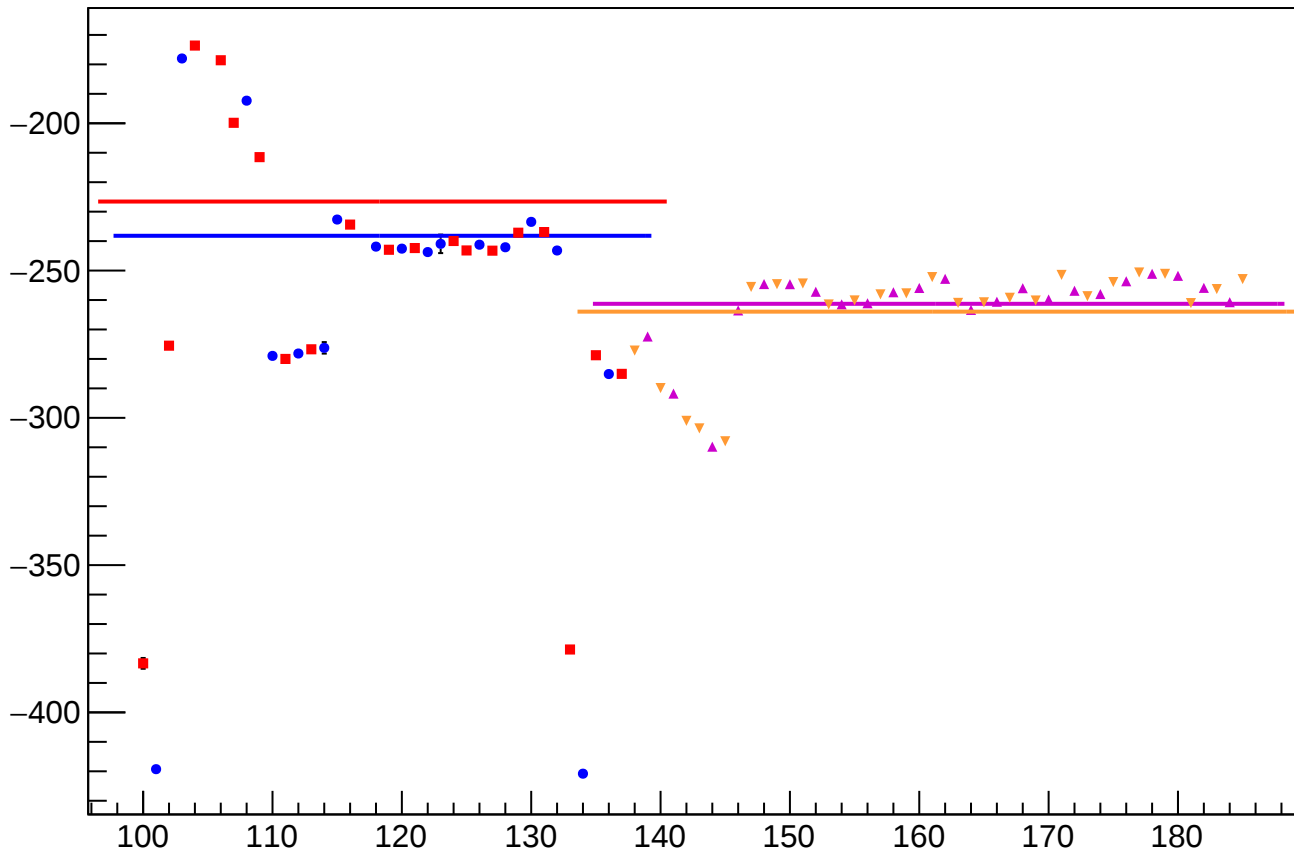
Left In: 141.360 $\pm$ 1.748 χ^2 /NDF: 741.2/22

+ sign 148.852 $\pm$ 1.505 χ^2 /NDF: 1679.9/41

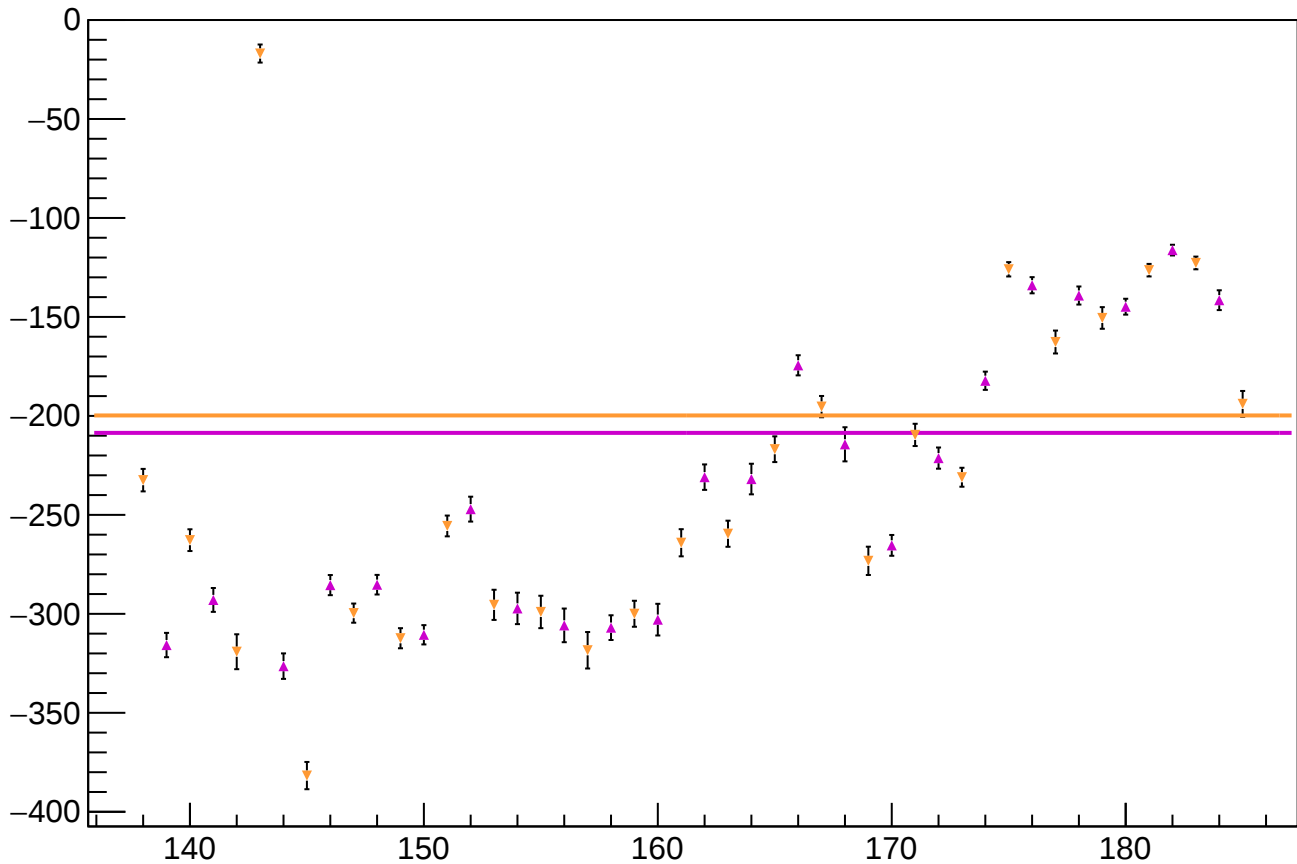
All: 146.167 $\pm$ 1.068 χ^2 /NDF: 3124.6/83

- sign 143.443 $\pm$ 1.516 χ^2 /NDF: 1438.2/41

reg_asym_atr2_diff_bpm12X_slope vs Slug



reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -199.771+/-1.061 χ^2/NDF : 6360.8/24

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

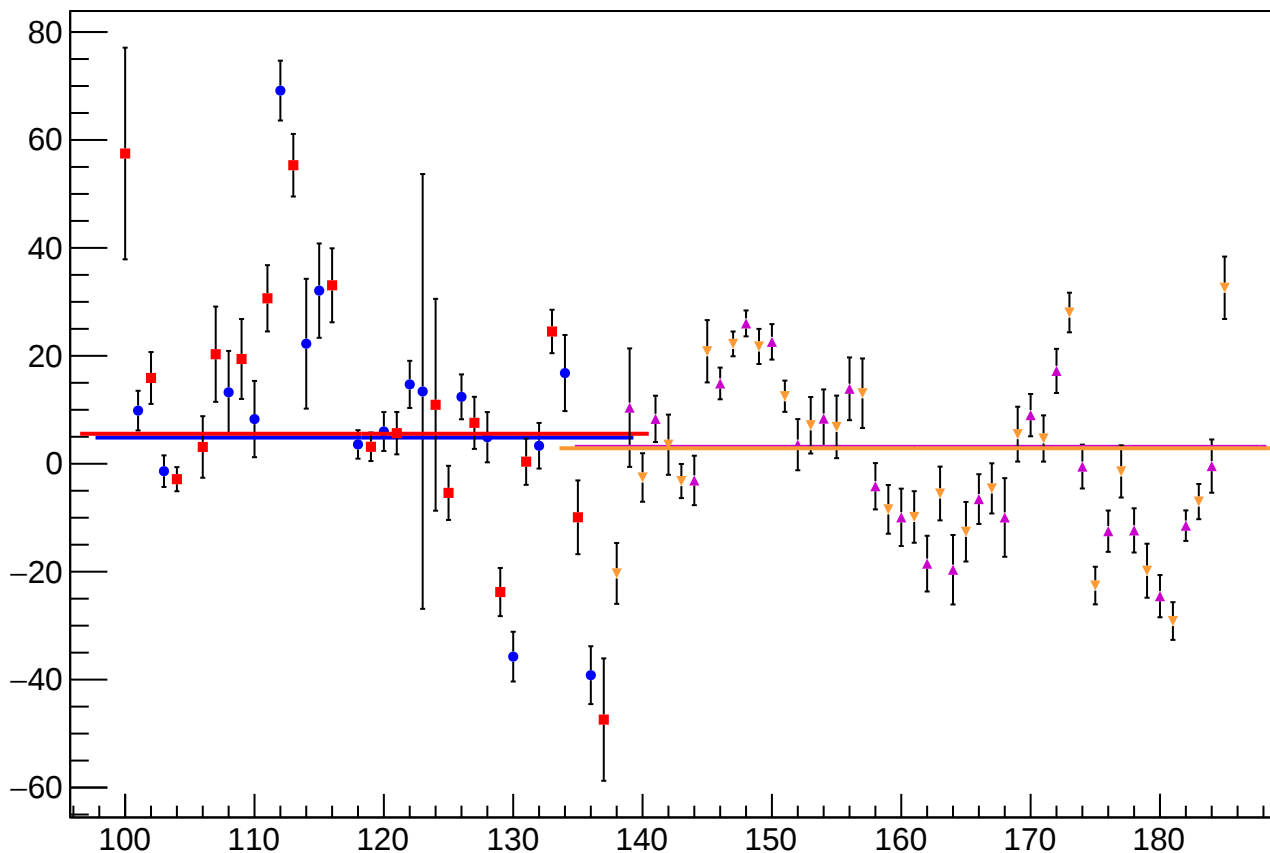
Left In: -208.579+/-1.082 χ^2/NDF : 4805.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -204.090+/-0.758 χ^2/NDF : 11199.7/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.855 ± 1.107 χ^2/NDF : 310.9/16

Left Out: 2.871 ± 0.820 χ^2/NDF : 419.3/24

Right Out: 5.561 ± 1.070 χ^2/NDF : 238.3/18

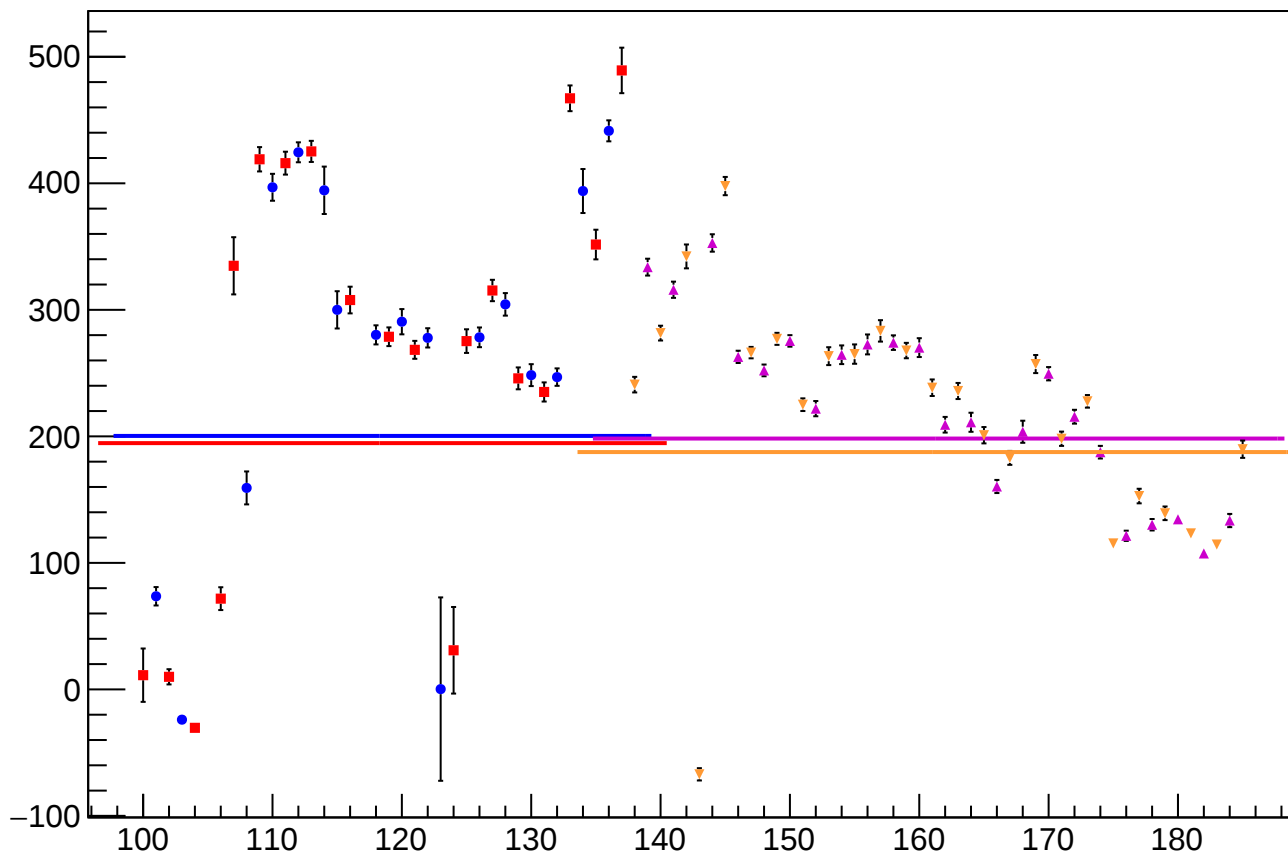
Left In: 3.136 ± 0.857 χ^2/NDF : 319.8/22

+ sign 3.574 ± 0.659 χ^2/NDF : 732.3/41

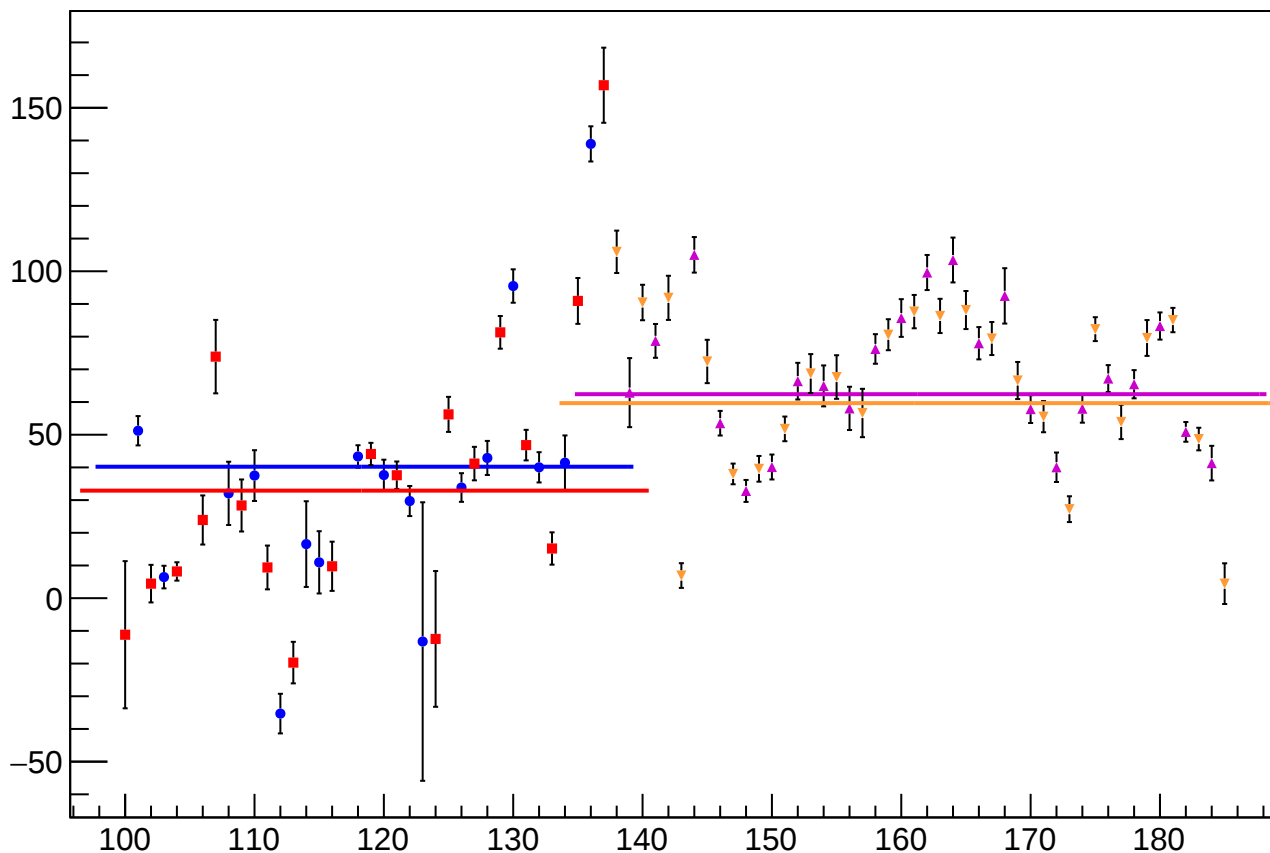
All: 3.825 ± 0.469 χ^2/NDF : 1293.9/83

- sign 4.083 ± 0.669 χ^2/NDF : 561.2/41

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.214 $\pm$ 1.286 χ^2 /NDF: 733.9/16

Left Out: 59.660 $\pm$ 0.941 χ^2 /NDF: 758.2/24

Right Out: 32.898 $\pm$ 1.252 χ^2 /NDF: 549.8/18

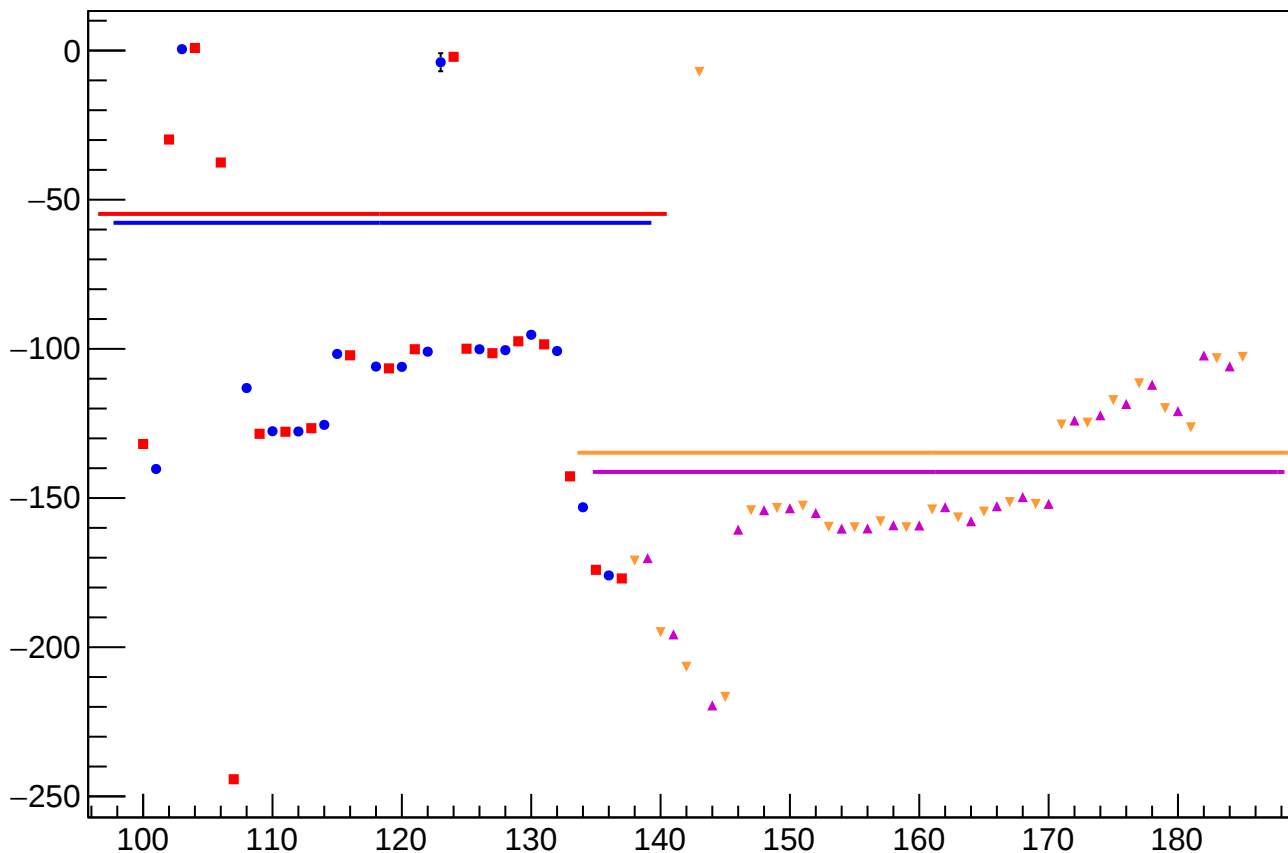
Left In: 62.400 $\pm$ 0.974 χ^2 /NDF: 406.3/22

+ sign 52.879 $\pm$ 0.759 χ^2 /NDF: 1641.1/41

All: 52.089 $\pm$ 0.540 χ^2 /NDF: 2945.0/83

- sign 51.279 $\pm$ 0.769 χ^2 /NDF: 1301.8/41

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -57.743 ± 0.062 $\chi^2/\text{NDF}: 1100251.3/16$

Left Out: -134.799 ± 0.045 $\chi^2/\text{NDF}: 804441.9/24$

Right Out: -54.758 ± 0.060 $\chi^2/\text{NDF}: 999720.2/18$

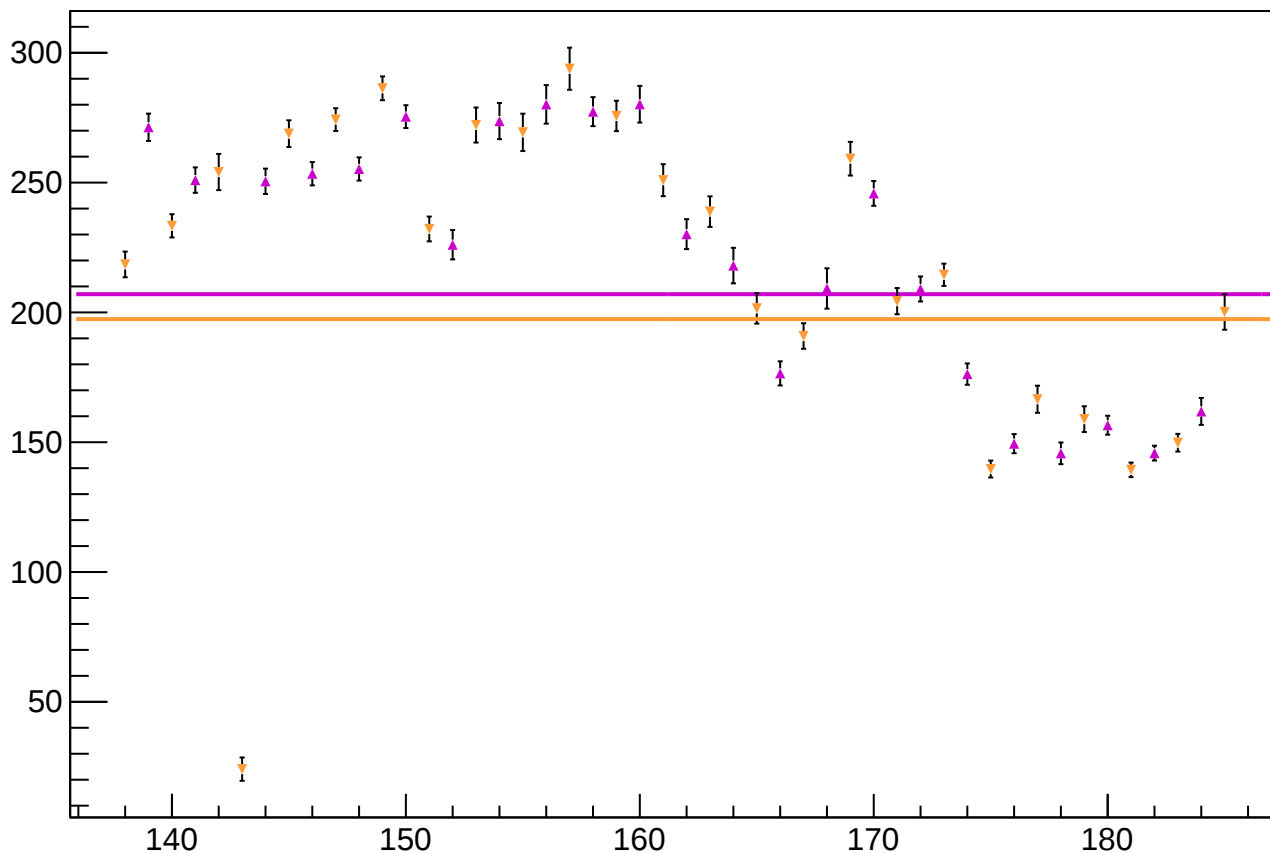
Left In: -141.255 ± 0.045 $\chi^2/\text{NDF}: 347229.8/22$

+ sign -108.497 ± 0.036 $\chi^2/\text{NDF}: 2927440.1/41$

All: -109.268 ± 0.026 $\chi^2/\text{NDF}: 5591441.5/83$

- sign -110.044 ± 0.036 $\chi^2/\text{NDF}: 2663086.8/41$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 197.424+/-0.963 χ^2/NDF : 4383.7/24

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

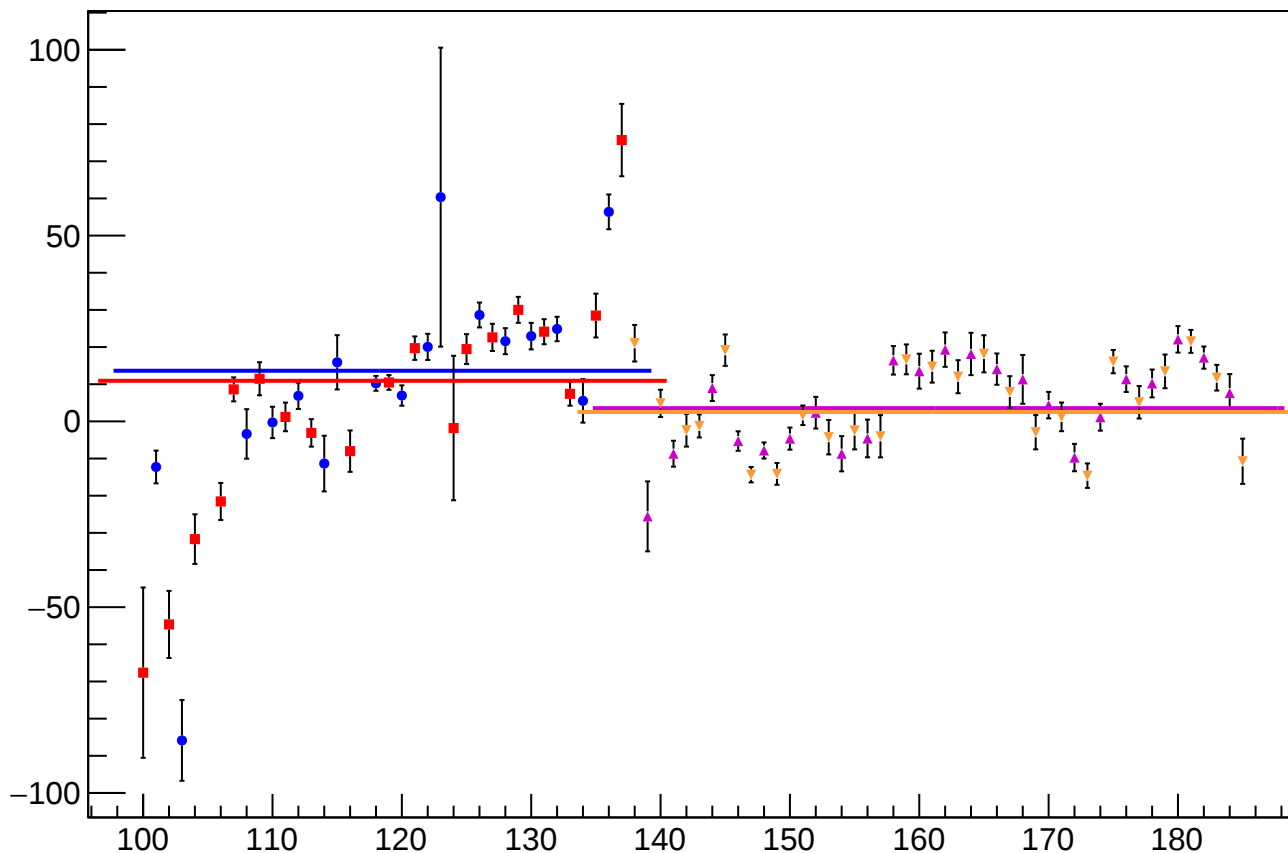
Left In: 207.014+/-0.990 χ^2/NDF : 2611.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.086+/-0.690 χ^2/NDF : 7043.4/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.625 $\pm$ 0.938 χ^2 /NDF: 293.3/16

Left Out: 2.539 $\pm$ 0.741 χ^2 /NDF: 275.2/24

Right Out: 10.927 $\pm$ 0.915 χ^2 /NDF: 302.8/18

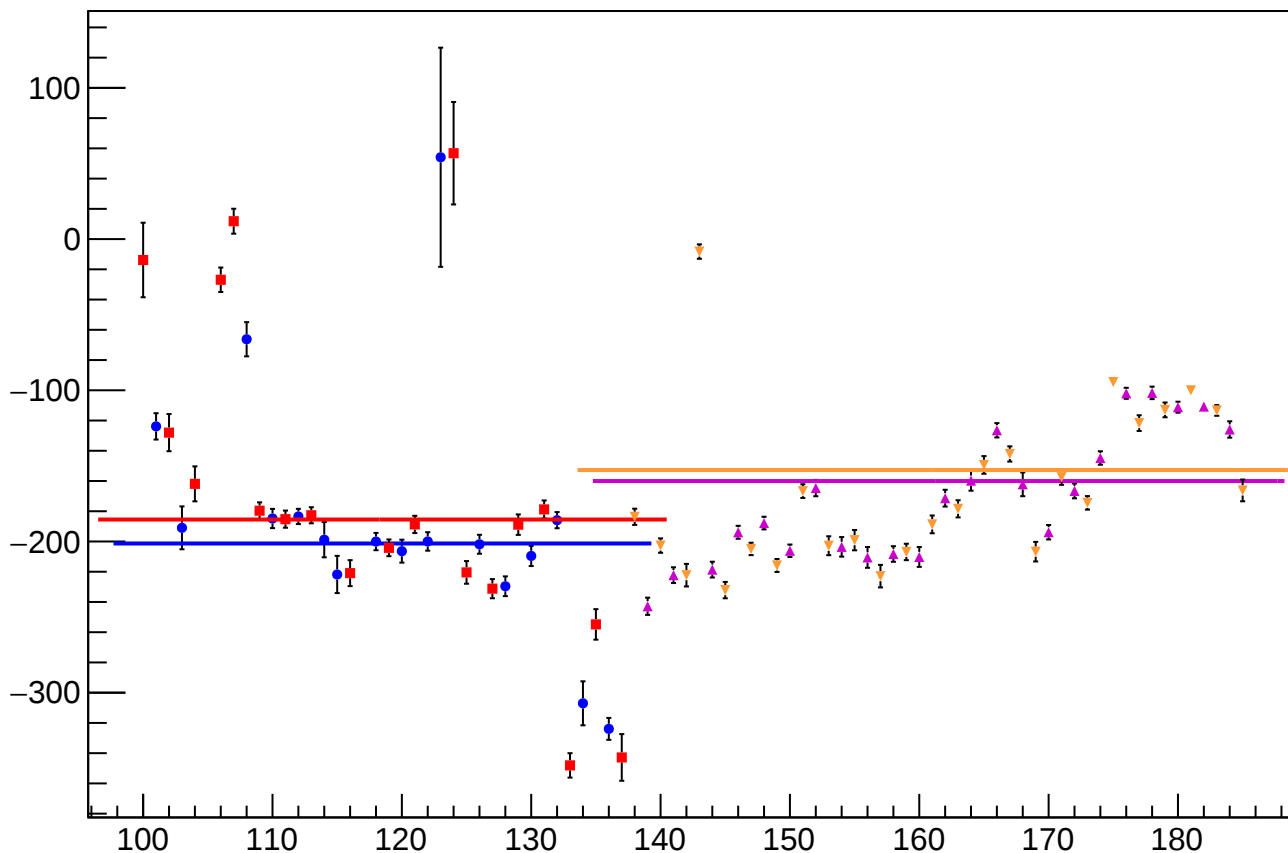
Left In: 3.559 $\pm$ 0.774 χ^2 /NDF: 192.0/22

+ sign 6.798 $\pm$ 0.581 χ^2 /NDF: 654.4/41

All: 6.717 $\pm$ 0.414 χ^2 /NDF: 1187.0/83

- sign 6.634 $\pm$ 0.591 χ^2 /NDF: 532.6/41

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.316 ± 1.800 χ^2/NDF : 624.9/16

Left Out: -152.750 ± 0.967 χ^2/NDF : 3077.5/24

Right Out: -185.469 ± 1.703 χ^2/NDF : 1745.0/18

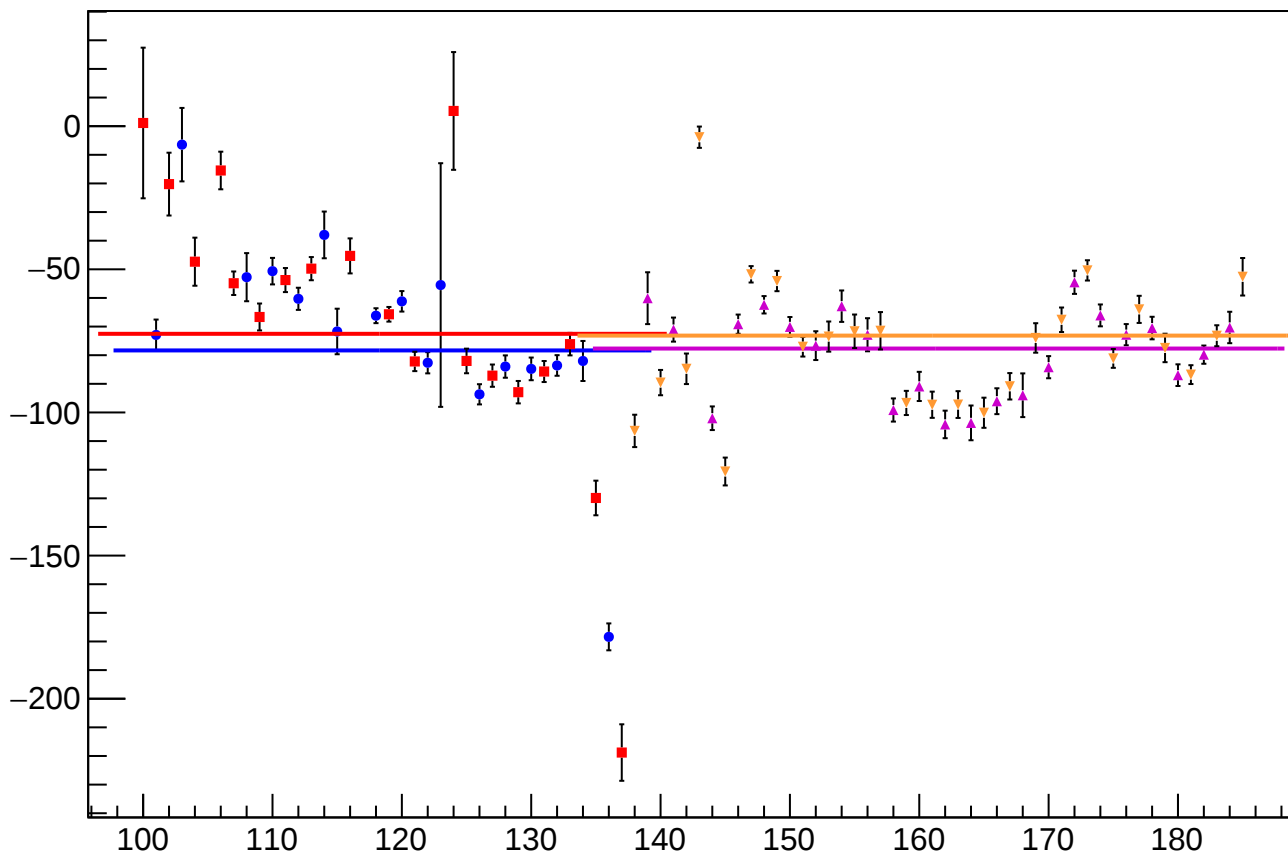
Left In: -160.021 ± 0.989 χ^2/NDF : 2024.4/22

+ sign -163.634 ± 0.852 χ^2/NDF : 4267.5/41

All: -165.031 ± 0.603 χ^2/NDF : 8209.3/83

- sign -166.438 ± 0.855 χ^2/NDF : 3936.5/41

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -78.334 ± 1.084 χ^2/NDF : 649.9/16

Left Out: -73.155 ± 0.851 χ^2/NDF : 788.6/24

Right Out: -72.531 ± 1.054 χ^2/NDF : 605.5/18

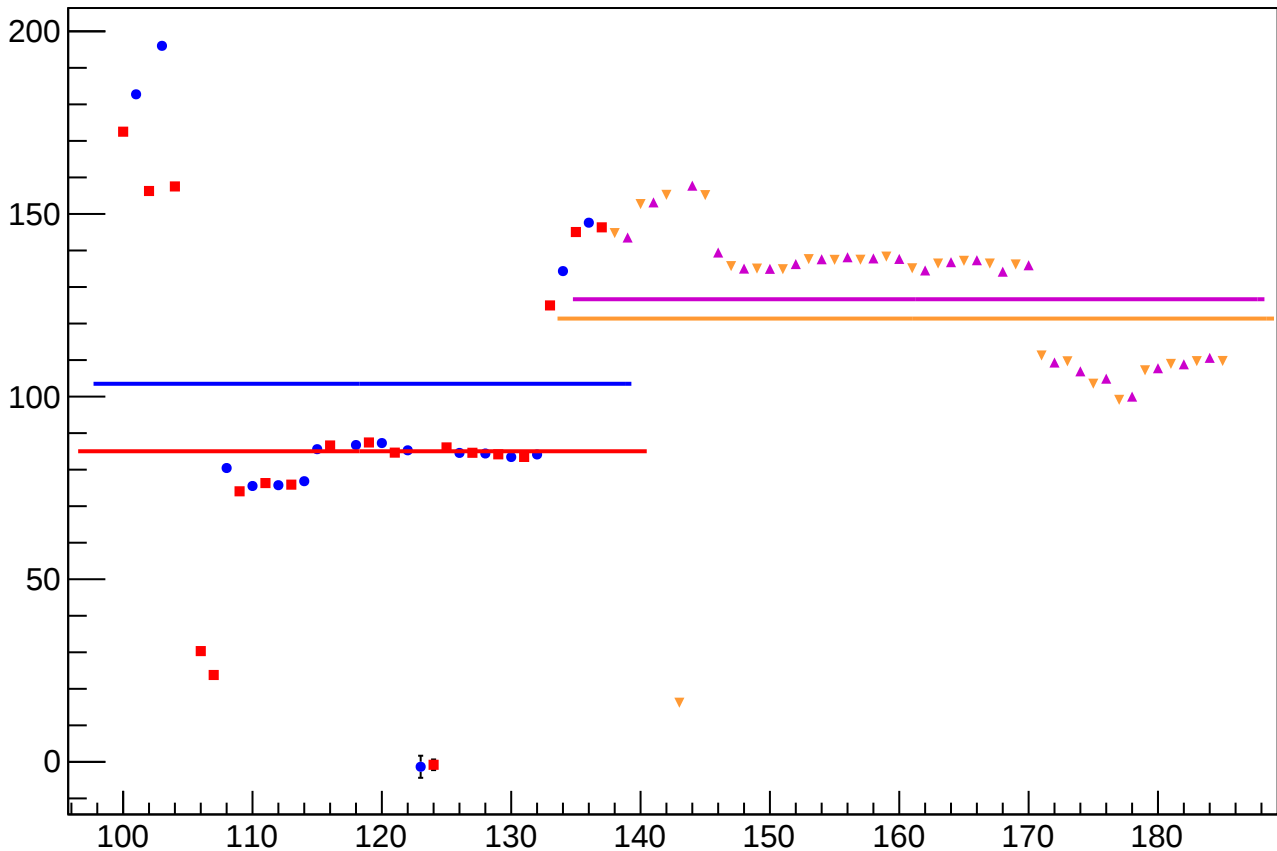
Left In: -77.678 ± 0.883 χ^2/NDF : 248.3/22

+ sign -75.131 ± 0.670 χ^2/NDF : 1452.6/41

All: -75.341 ± 0.476 χ^2/NDF : 2320.5/83

- sign -75.555 ± 0.677 χ^2/NDF : 867.7/41

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.509 ± 0.071 $\chi^2/\text{NDF}: 272499.7/16$

Left Out: 121.360 ± 0.040 $\chi^2/\text{NDF}: 481946.4/24$

Right Out: 85.036 ± 0.064 $\chi^2/\text{NDF}: 422344.8/18$

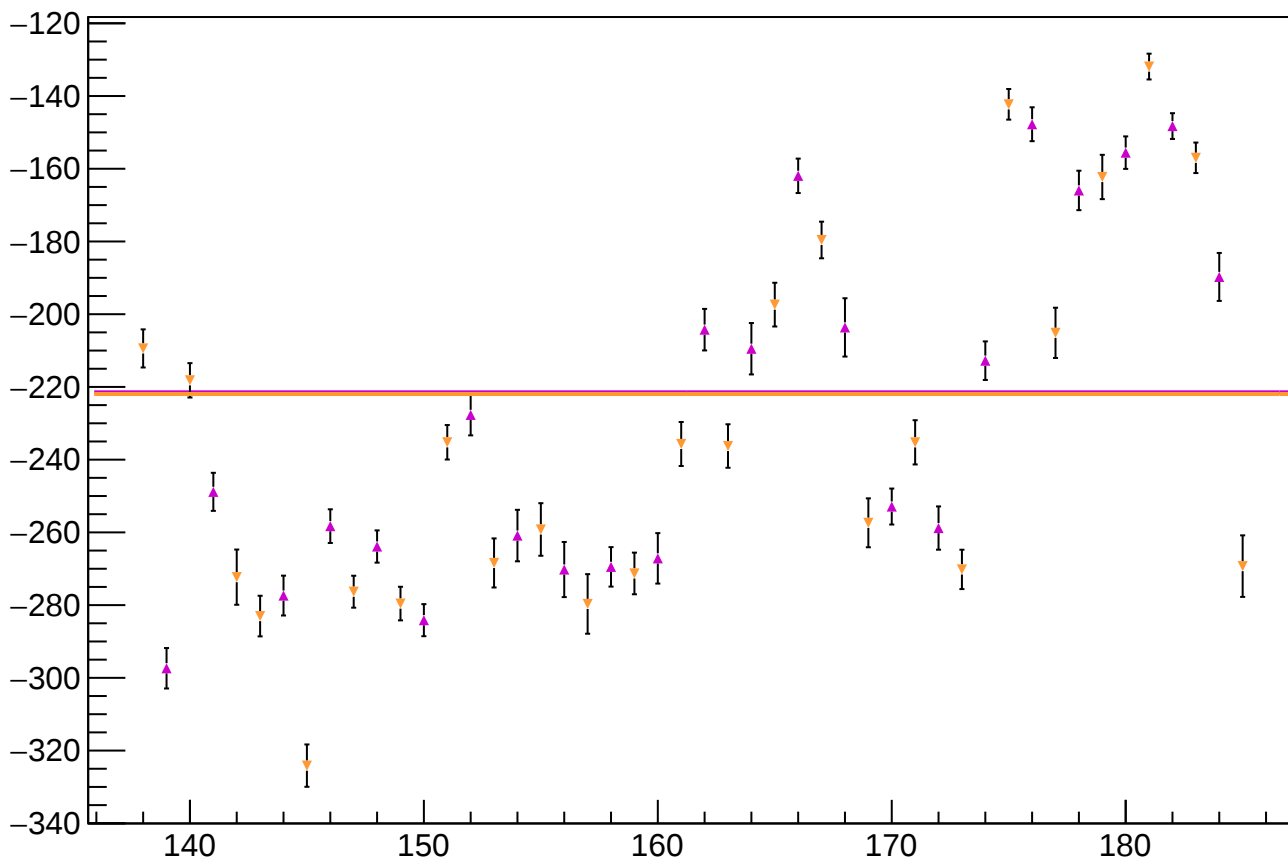
Left In: 126.653 ± 0.041 $\chi^2/\text{NDF}: 163046.1/22$

+ sign 117.010 ± 0.035 $\chi^2/\text{NDF}: 802240.2/41$

All: 115.719 ± 0.025 $\chi^2/\text{NDF}: 1690891.9/83$

- sign 114.466 ± 0.035 $\chi^2/\text{NDF}: 885981.3/41$

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -221.946 $\pm$ 1.085 χ^2 /NDF:2578.5/24

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

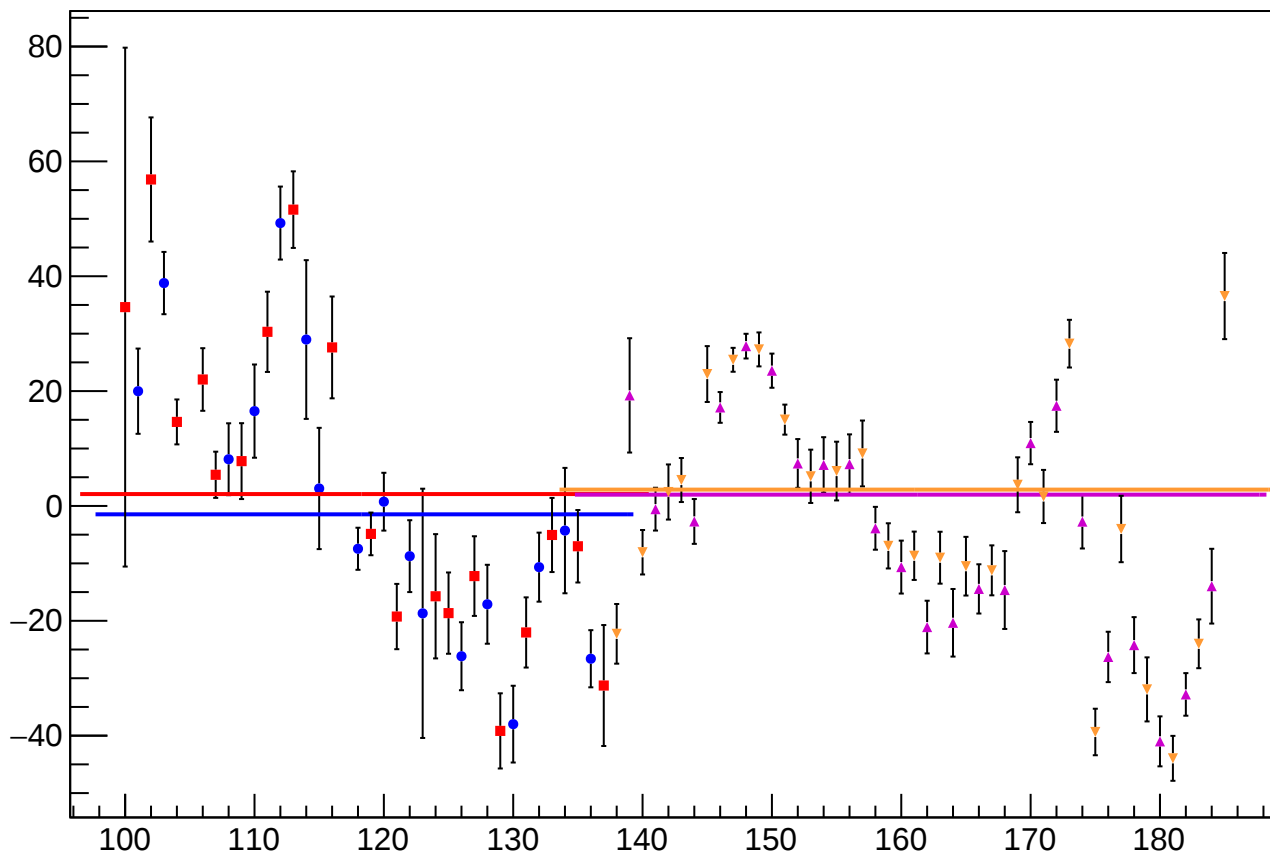
Left In: -221.483 $\pm$ 1.102 χ^2 /NDF:2149.8/22

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

All: -221.718 $\pm$ 0.773 χ^2 /NDF: 4728.4/47

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

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.459 ± 1.539 χ^2/NDF : 224.8/16

Left Out: 2.846 ± 0.807 χ^2/NDF : 685.9/24

Right Out: 2.070 ± 1.401 χ^2/NDF : 232.8/18

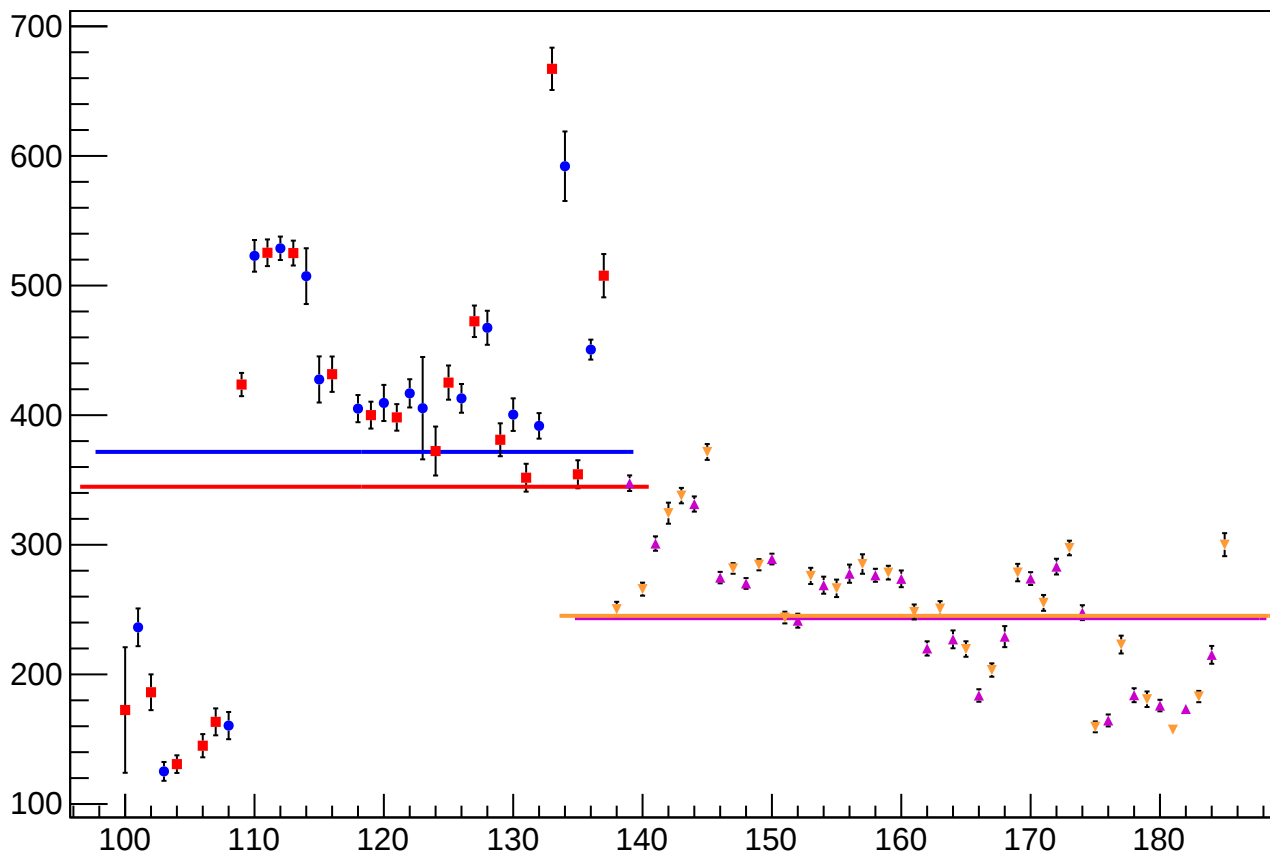
Left In: 1.969 ± 0.835 χ^2/NDF : 589.1/22

+ sign 1.917 ± 0.715 χ^2/NDF : 916.8/41

All: 1.956 ± 0.506 χ^2/NDF : 1738.7/83

- sign 1.995 ± 0.717 χ^2/NDF : 821.9/41

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.672 ± 2.783 $\chi^2/\text{NDF}: 2430.1/16$

Left Out: 245.186 ± 1.082 $\chi^2/\text{NDF}: 2597.9/24$

Right Out: 344.775 ± 2.565 $\chi^2/\text{NDF}: 3412.6/18$

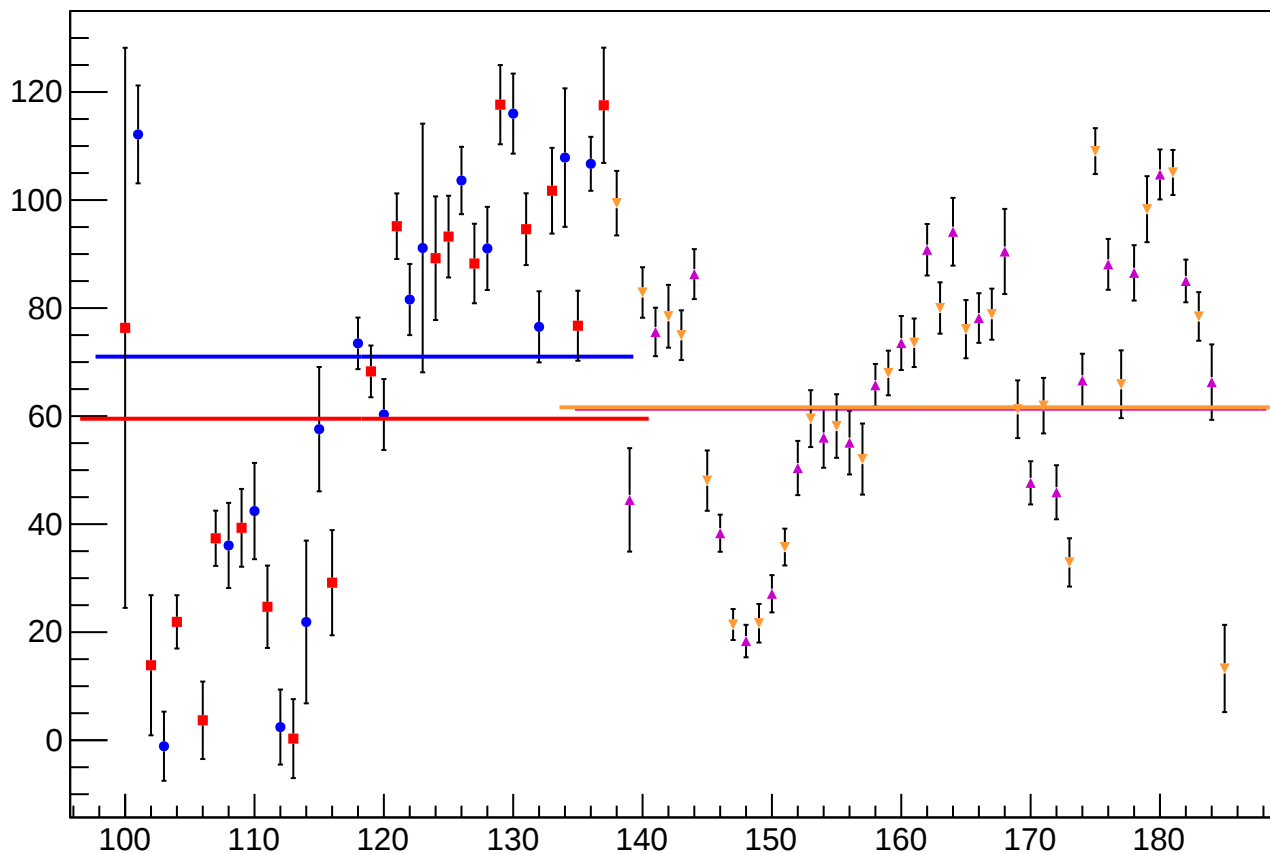
Left In: 243.366 ± 1.094 $\chi^2/\text{NDF}: 2236.7/22$

+ sign 261.799 ± 1.009 $\chi^2/\text{NDF}: 6822.1/41$

All: 260.376 ± 0.712 $\chi^2/\text{NDF}: 13797.7/83$

- sign 258.961 ± 1.006 $\chi^2/\text{NDF}: 6971.6/41$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 71.009 $\pm$ 1.768 χ^2 /NDF: 424.1/16

Left Out: 61.630 $\pm$ 0.936 χ^2 /NDF: 870.9/24

Right Out: 59.517 $\pm$ 1.633 χ^2 /NDF: 489.4/18

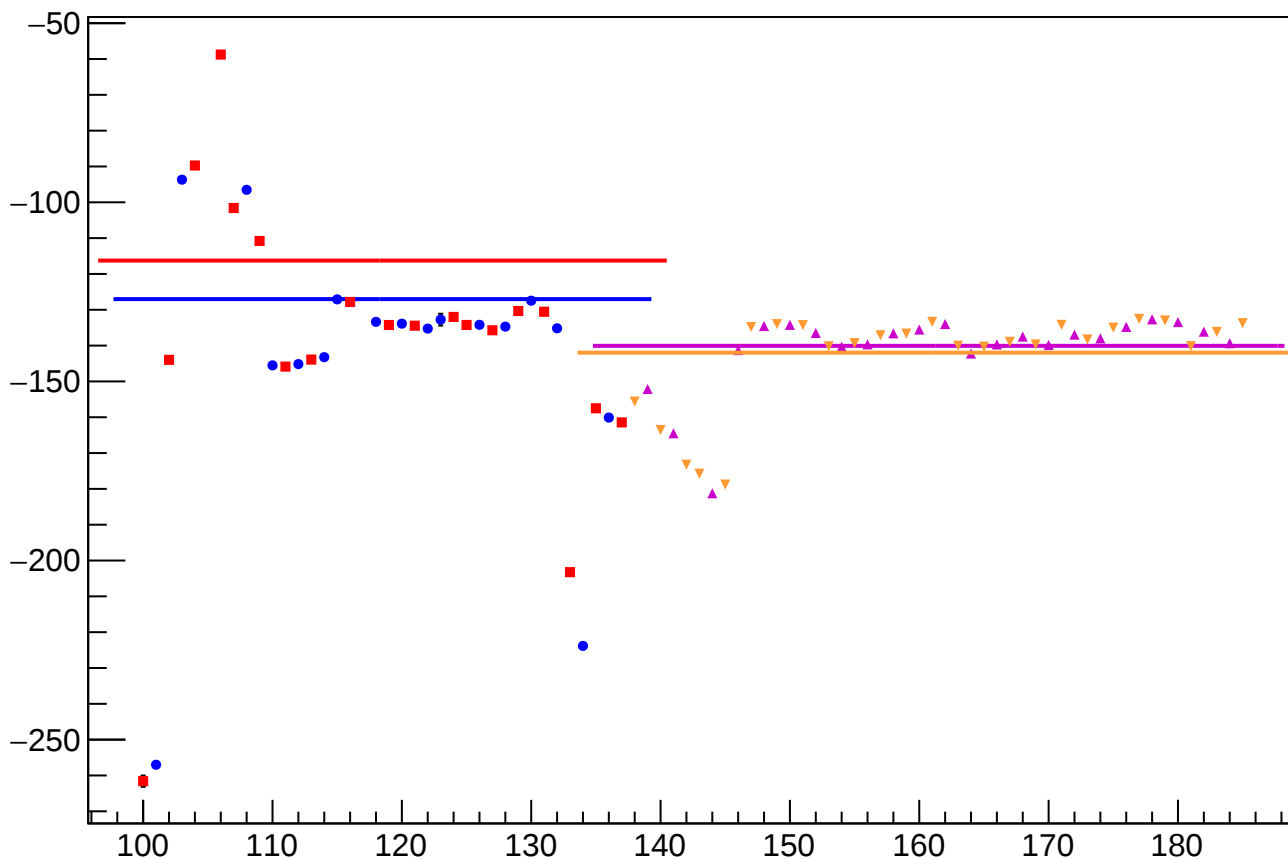
Left In: 61.375 $\pm$ 0.961 χ^2 /NDF: 699.7/22

+ sign 63.684 $\pm$ 0.827 χ^2 /NDF: 1317.0/41

All: 62.292 $\pm$ 0.585 χ^2 /NDF: 2512.7/83

- sign 60.898 $\pm$ 0.828 χ^2 /NDF: 1190.0/41

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.024 $\pm$ 0.090 χ^2 /NDF: 166974.0/16

Left Out: -141.971 $\pm$ 0.045 χ^2 /NDF: 80246.4/24

Right Out: -116.264 $\pm$ 0.083 χ^2 /NDF: 167018.1/18

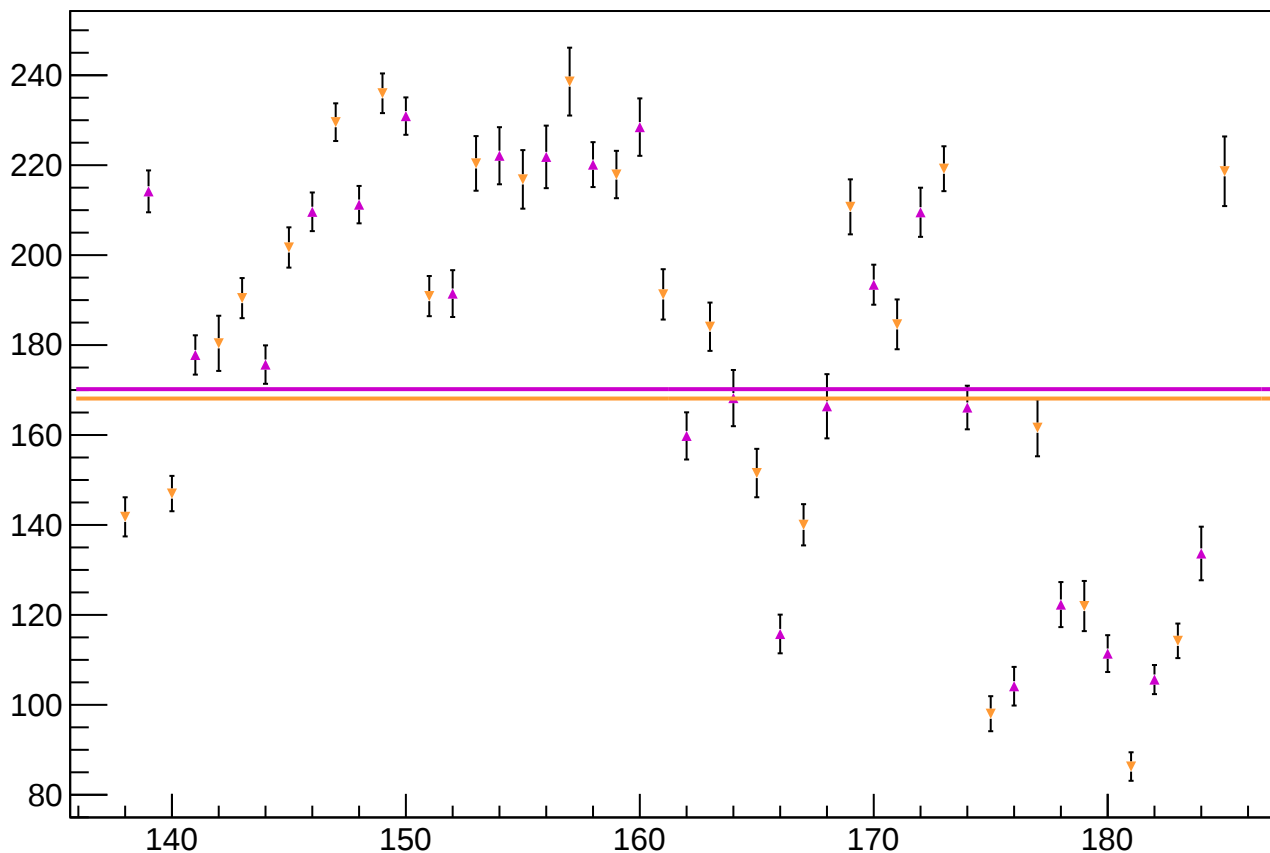
Left In: -140.068 $\pm$ 0.045 χ^2 /NDF: 48030.7/22

+ sign -139.006 $\pm$ 0.040 χ^2 /NDF: 269393.0/41

All: -136.810 $\pm$ 0.028 χ^2 /NDF: 553909.2/83

- sign -134.664 $\pm$ 0.040 χ^2 /NDF: 278565.9/41

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 168.112+/-0.970 χ^2/NDF : 2469.3/24

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

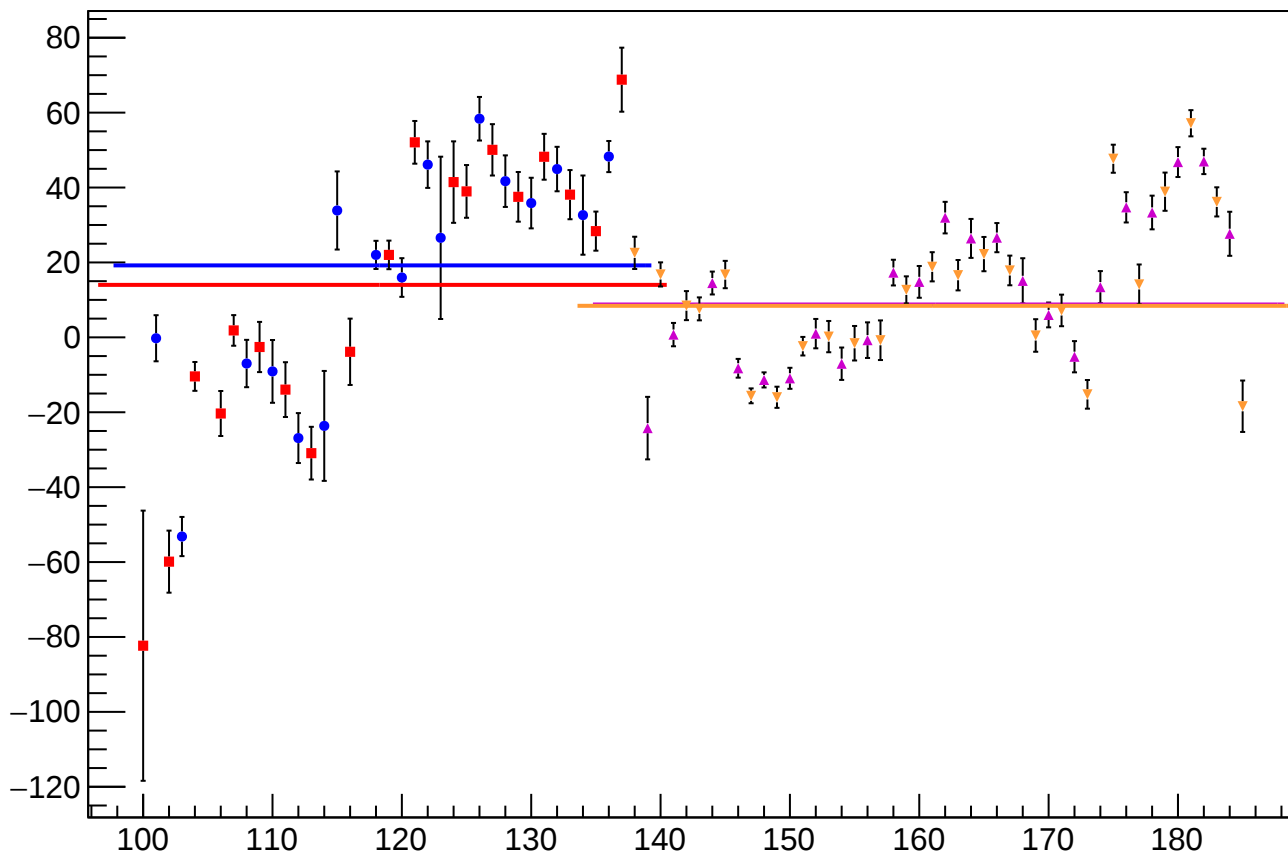
Left In: 170.198+/-0.995 χ^2/NDF : 2024.5/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.129+/-0.695 χ^2/NDF : 4496.0/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.211 $\pm$ 1.503 χ^2 /NDF: 439.4/16

Left Out: 8.421 $\pm$ 0.728 χ^2 /NDF: 750.5/24

Right Out: 14.009 $\pm$ 1.391 χ^2 /NDF: 435.5/18

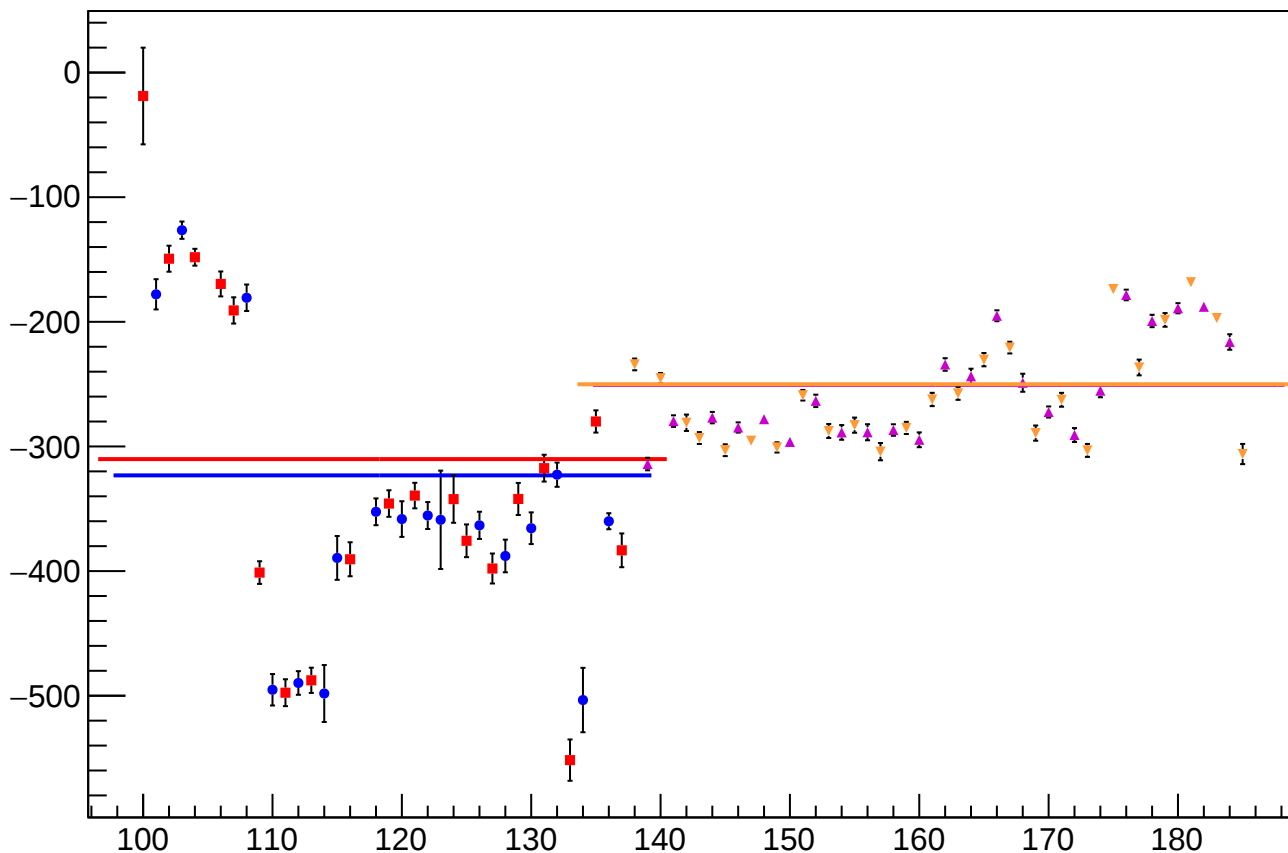
Left In: 8.769 $\pm$ 0.758 χ^2 /NDF: 626.8/22

+ sign 10.471 $\pm$ 0.655 χ^2 /NDF: 1231.7/41

All: 10.224 $\pm$ 0.467 χ^2 /NDF: 2305.3/83

- sign 9.969 $\pm$ 0.666 χ^2 /NDF: 1073.3/41

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.205+/-2.689 χ^2/NDF : 1846.8/16

Left Out: -250.124+/-0.972 χ^2/NDF : 2247.4/24

Right Out: -310.154+/-2.527 χ^2/NDF : 2298.0/18

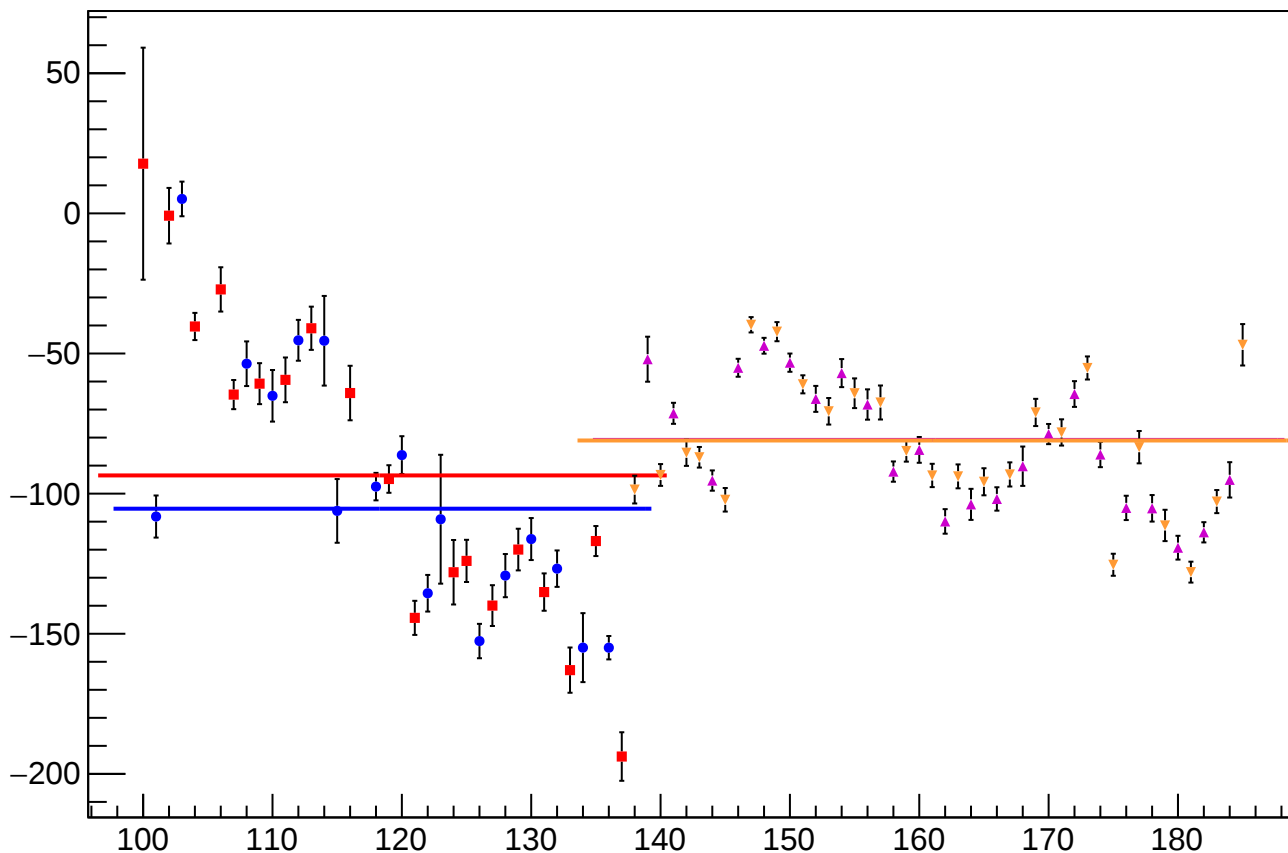
Left In: -250.628+/-0.990 χ^2/NDF : 1937.1/22

+ sign -258.578+/-0.914 χ^2/NDF : 4747.6/41

All: -258.567+/-0.649 χ^2/NDF : 9463.8/83

- sign -258.556+/-0.922 χ^2/NDF : 4716.3/41

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.376 $\pm$ 1.716 χ^2/NDF : 734.7/16

Left Out: -81.035 $\pm$ 0.843 χ^2/NDF : 911.8/24

Right Out: -93.504 $\pm$ 1.612 χ^2/NDF : 824.8/18

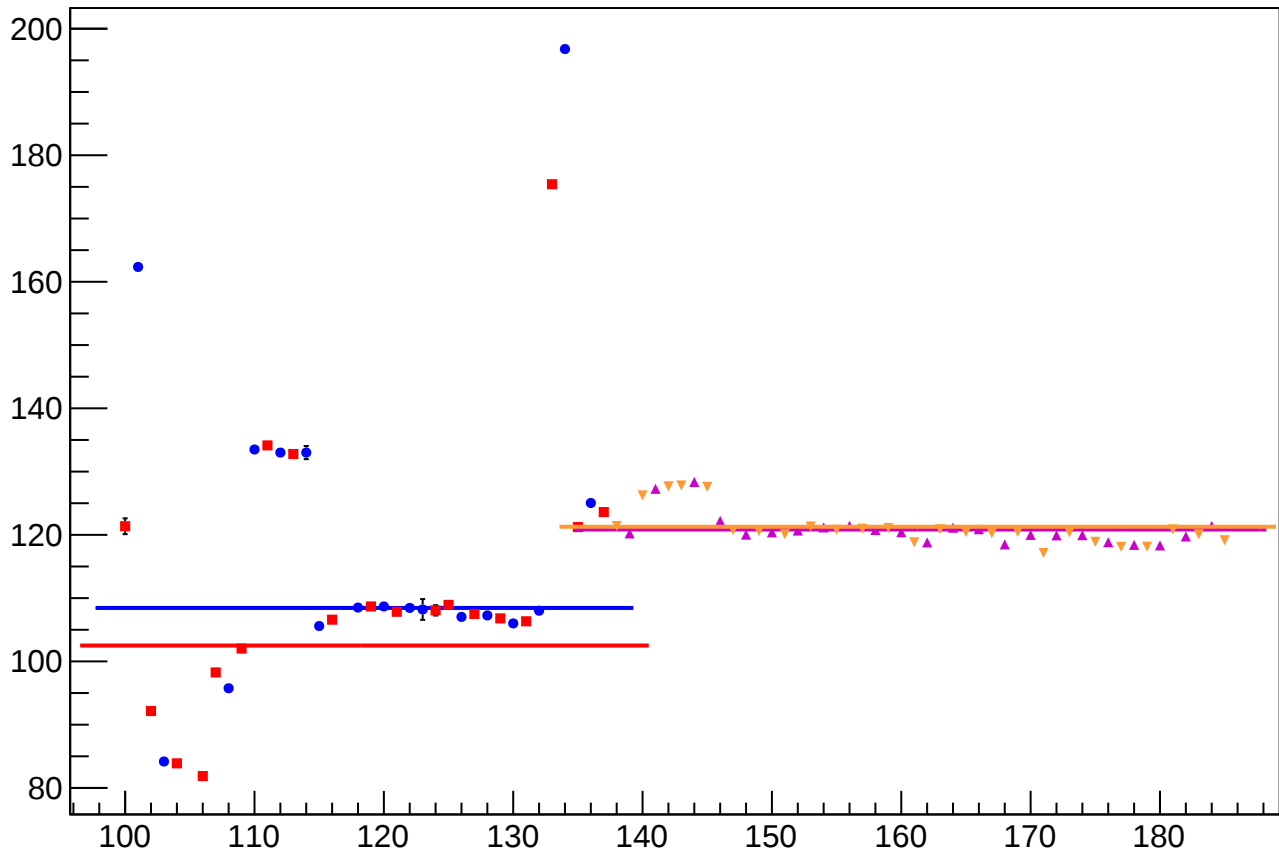
Left In: -80.834 $\pm$ 0.872 χ^2/NDF : 693.1/22

+ sign -85.770 $\pm$ 0.757 χ^2/NDF : 1808.6/41

All: -84.749 $\pm$ 0.539 χ^2/NDF : 3378.0/83

- sign -83.700 $\pm$ 0.767 χ^2/NDF : 1565.7/41

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.450 $\pm$ 0.085 χ^2 /NDF: 73263.0/16

Left Out: 121.283 $\pm$ 0.040 χ^2 /NDF: 4938.9/24

Right Out: 102.510 $\pm$ 0.080 χ^2 /NDF: 52979.9/18

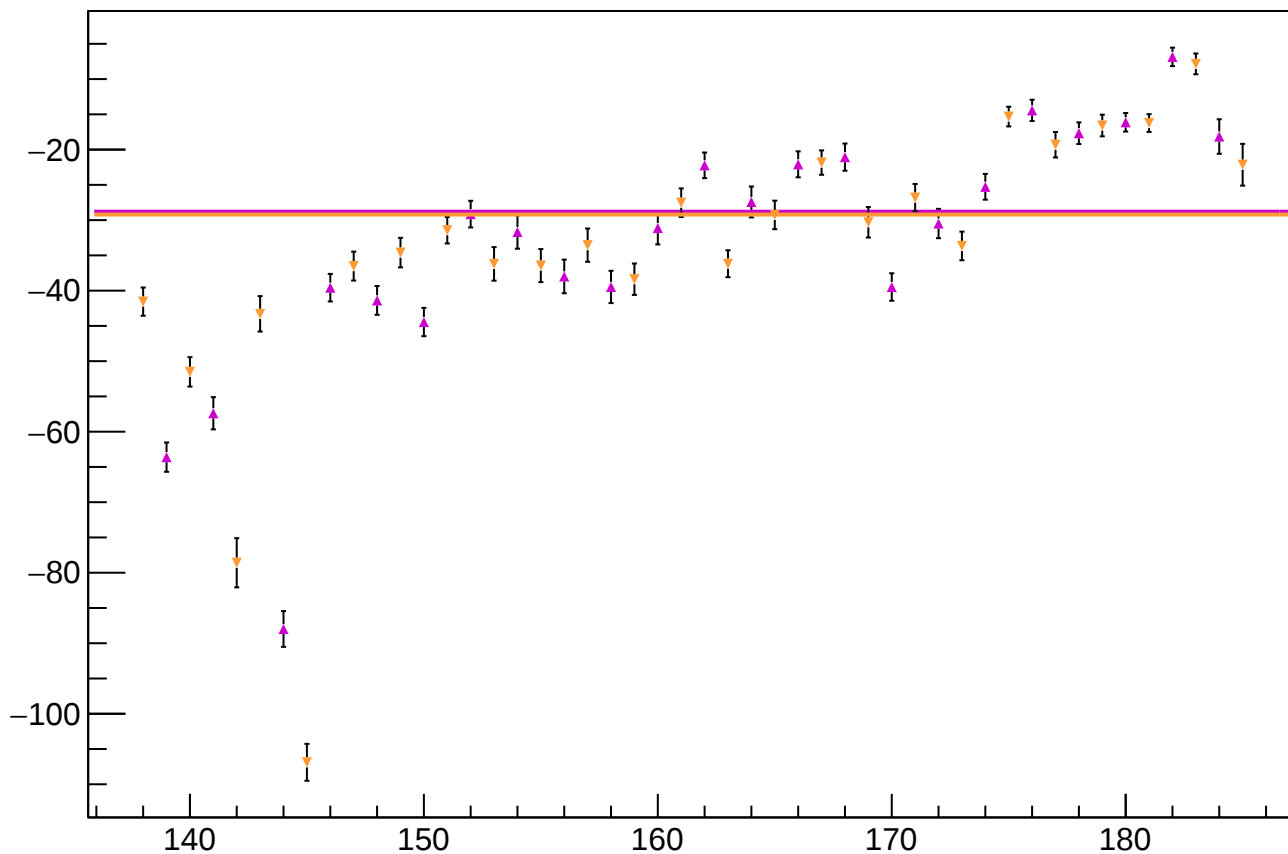
Left In: 120.843 $\pm$ 0.041 χ^2 /NDF: 3368.2/22

+ sign 118.950 $\pm$ 0.036 χ^2 /NDF: 96818.3/41

All: 117.996 $\pm$ 0.026 χ^2 /NDF: 196597.8/83

- sign 117.045 $\pm$ 0.036 χ^2 /NDF: 98398.8/41

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -29.207+/-0.389 χ^2/NDF :1881.0/24

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

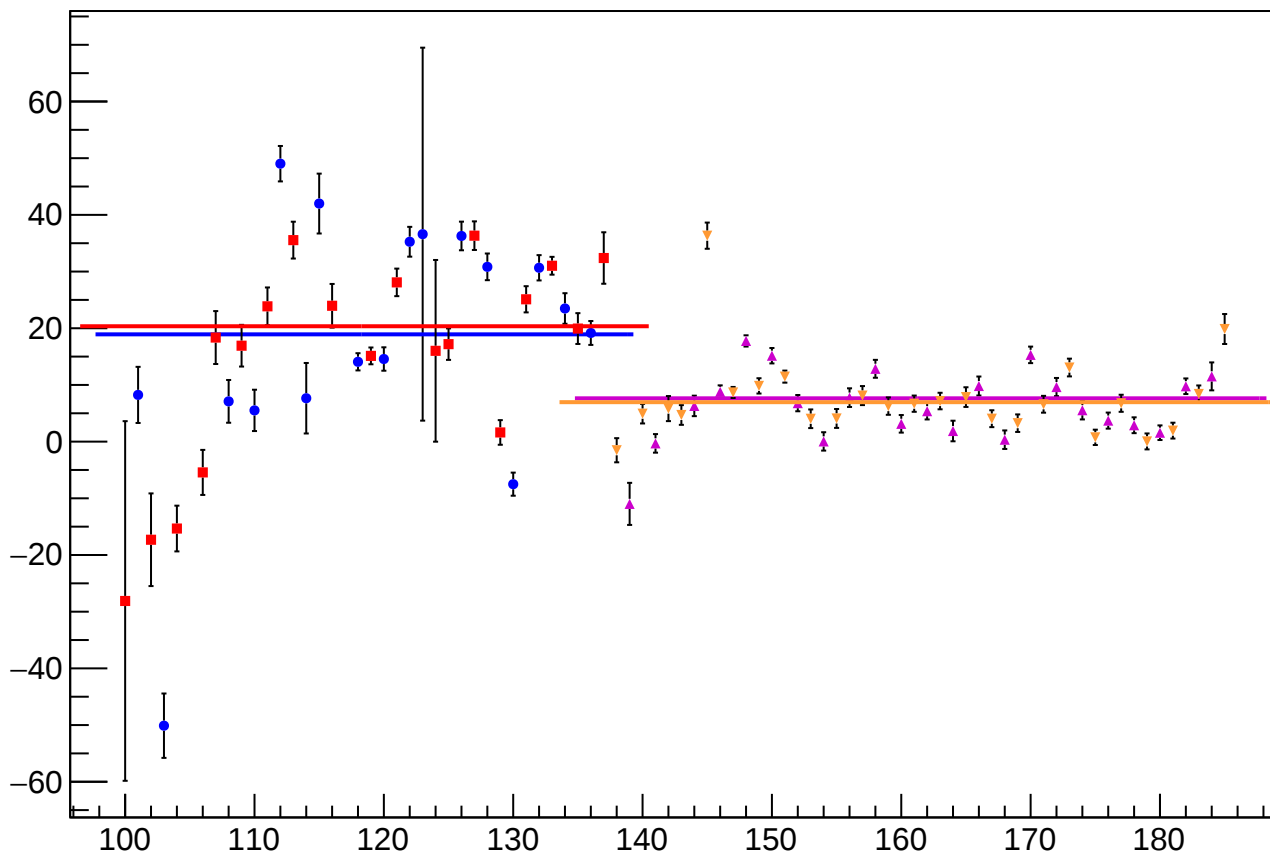
Left In: -28.810+/-0.395 χ^2/NDF :1763.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.012+/-0.277 χ^2/NDF : 3645.3/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.924 $\pm$ 0.654 χ^2 /NDF: 616.2/16

Left Out: 6.960 $\pm$ 0.303 χ^2 /NDF: 321.3/24

Right Out: 20.353 $\pm$ 0.643 χ^2 /NDF: 364.7/18

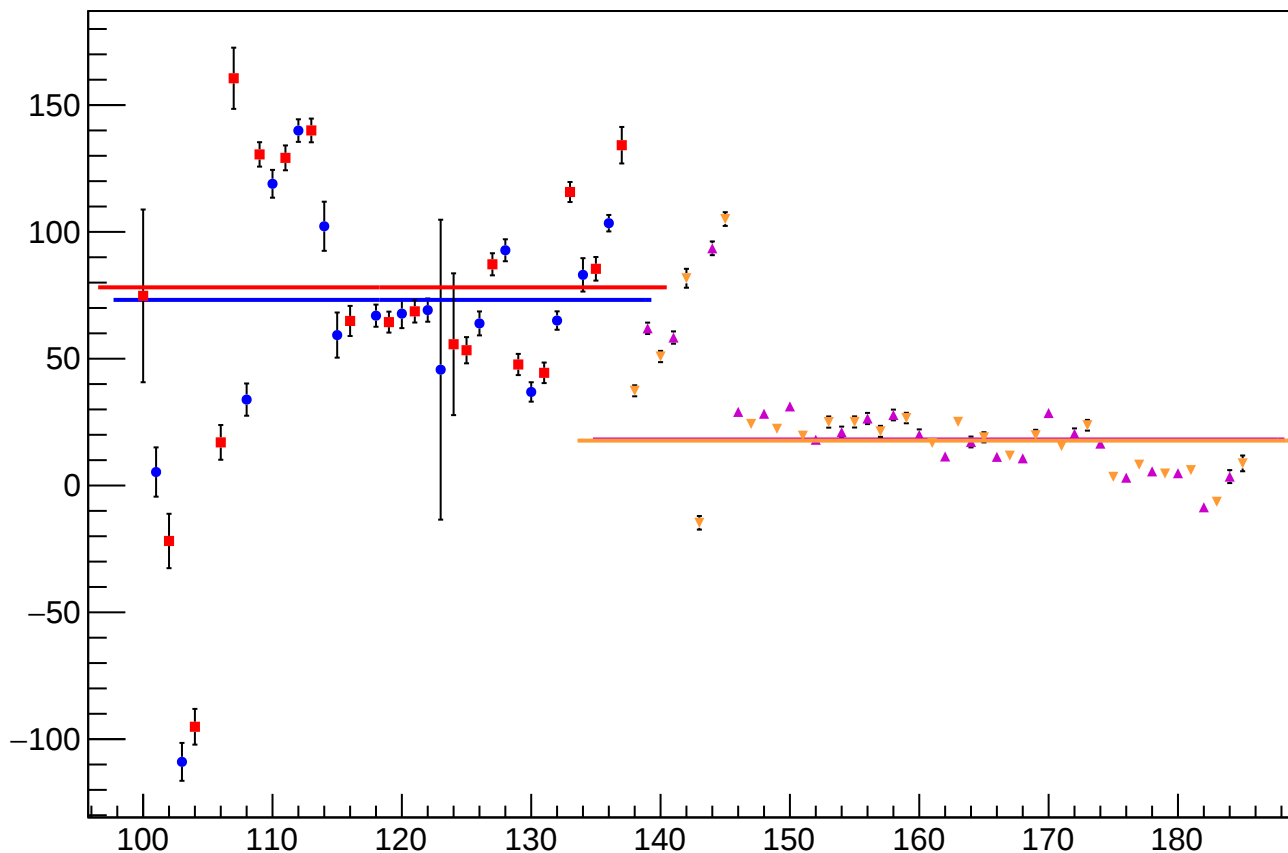
Left In: 7.638 $\pm$ 0.313 χ^2 /NDF: 337.7/22

+ sign 9.074 $\pm$ 0.275 χ^2 /NDF: 1213.0/41

All: 9.564 $\pm$ 0.197 χ^2 /NDF: 2237.6/83

- sign 10.079 $\pm$ 0.282 χ^2 /NDF: 1018.1/41

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.189 $\pm$ 1.239 χ^2 /NDF: 1199.7/16

Left Out: 17.711 $\pm$ 0.387 χ^2 /NDF:2432.1/24

Right Out: 78.140 $\pm$ 1.225 χ^2 /NDF: 1545.8/18

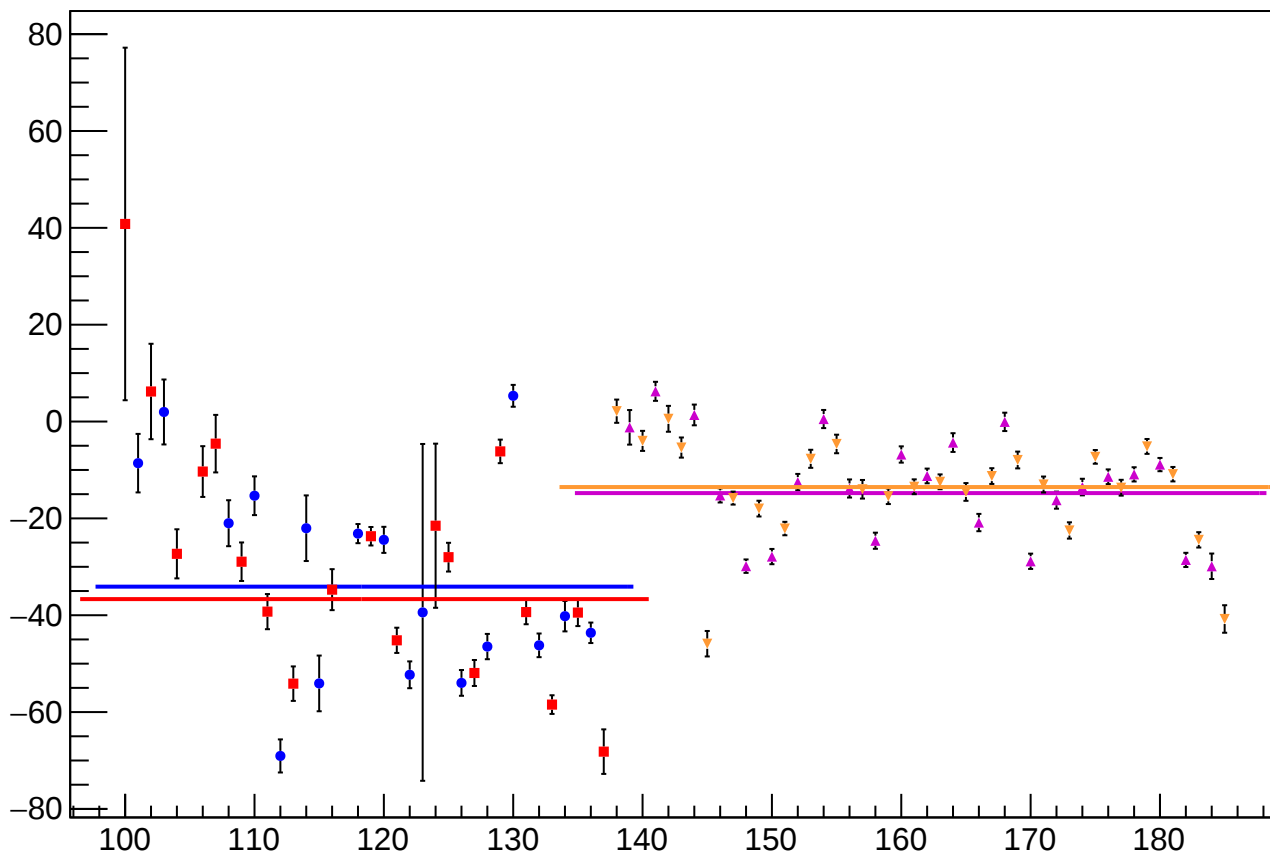
Left In: 18.150 $\pm$ 0.393 χ^2 /NDF:2339.4/22

+ sign 22.651 $\pm$ 0.370 χ^2 /NDF: 5458.9/41

All: 23.188 $\pm$ 0.263 χ^2 /NDF: 11522.8/83

- sign 23.736 $\pm$ 0.374 χ^2 /NDF: 6059.7/41

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.097 ± 0.746 χ^2/NDF : 714.9/16

Left Out: -13.530 ± 0.344 χ^2/NDF : 572.8/24

Right Out: -36.670 ± 0.737 χ^2/NDF : 542.9/18

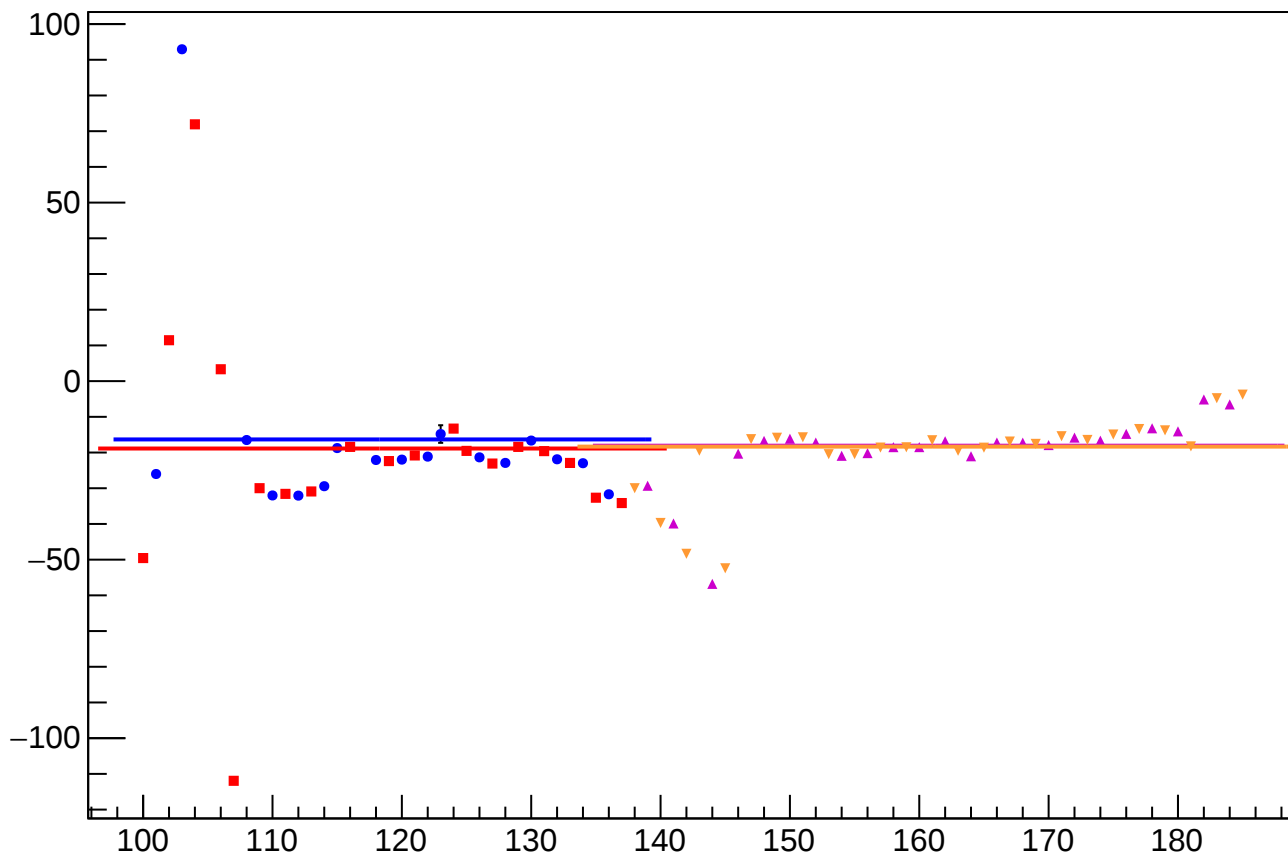
Left In: -14.778 ± 0.354 χ^2/NDF : 838.0/22

+ sign -17.136 ± 0.312 χ^2/NDF : 1914.1/41

All: -17.990 ± 0.223 χ^2/NDF : 4026.7/83

- sign -18.882 ± 0.319 χ^2/NDF : 2097.3/41

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.329+/-0.045 χ^2/NDF : 474104.2/16

Left Out: -18.341+/-0.016 χ^2/NDF : 283788.1/24

Right Out: -18.876+/-0.045 χ^2/NDF : 433788.6/18

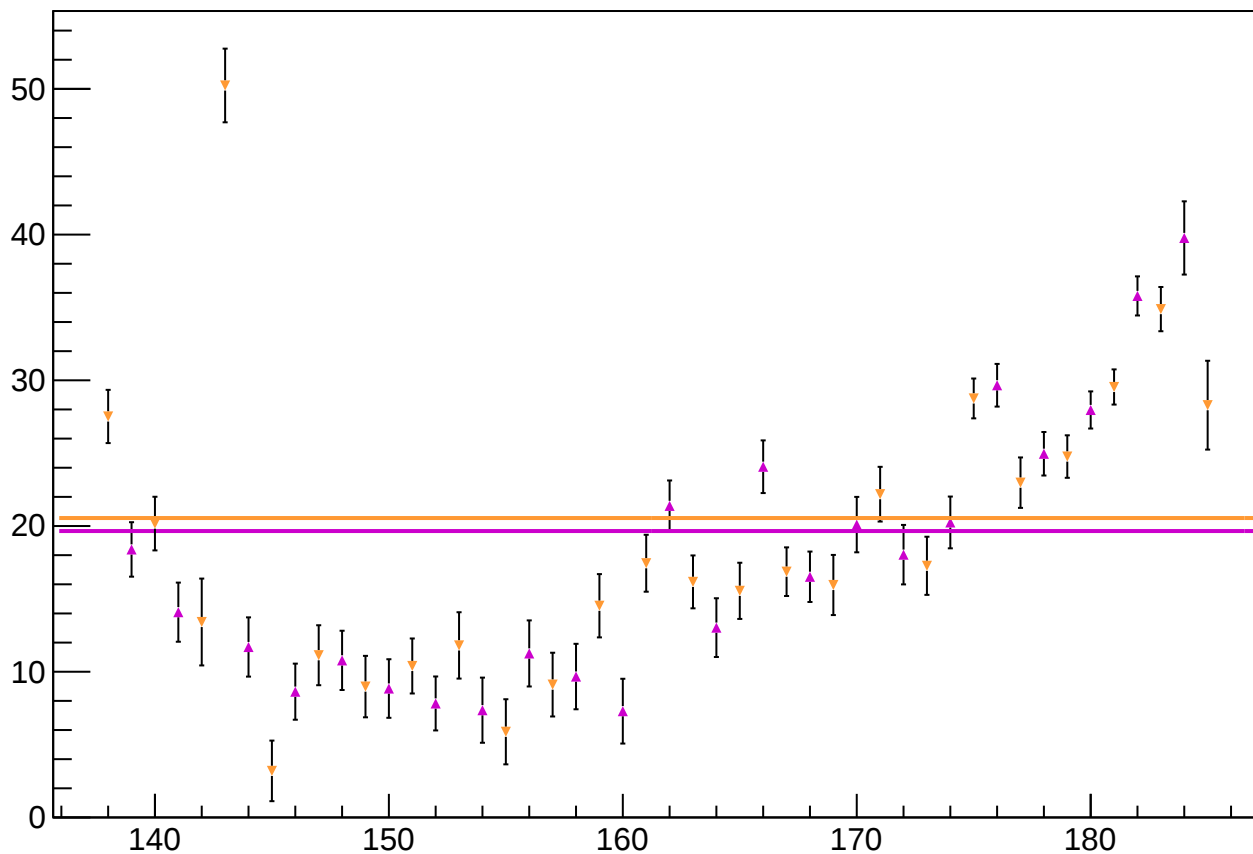
Left In: -18.083+/-0.016 χ^2/NDF : 241949.5/22

+ sign -18.116+/-0.015 χ^2/NDF : 759691.4/41

All: -18.143+/-0.011 χ^2/NDF : 1435707.4/83

- sign -18.172+/-0.015 χ^2/NDF : 676009.1/41

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 20.549+/-0.373 χ^2/NDF : 626.7/24

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

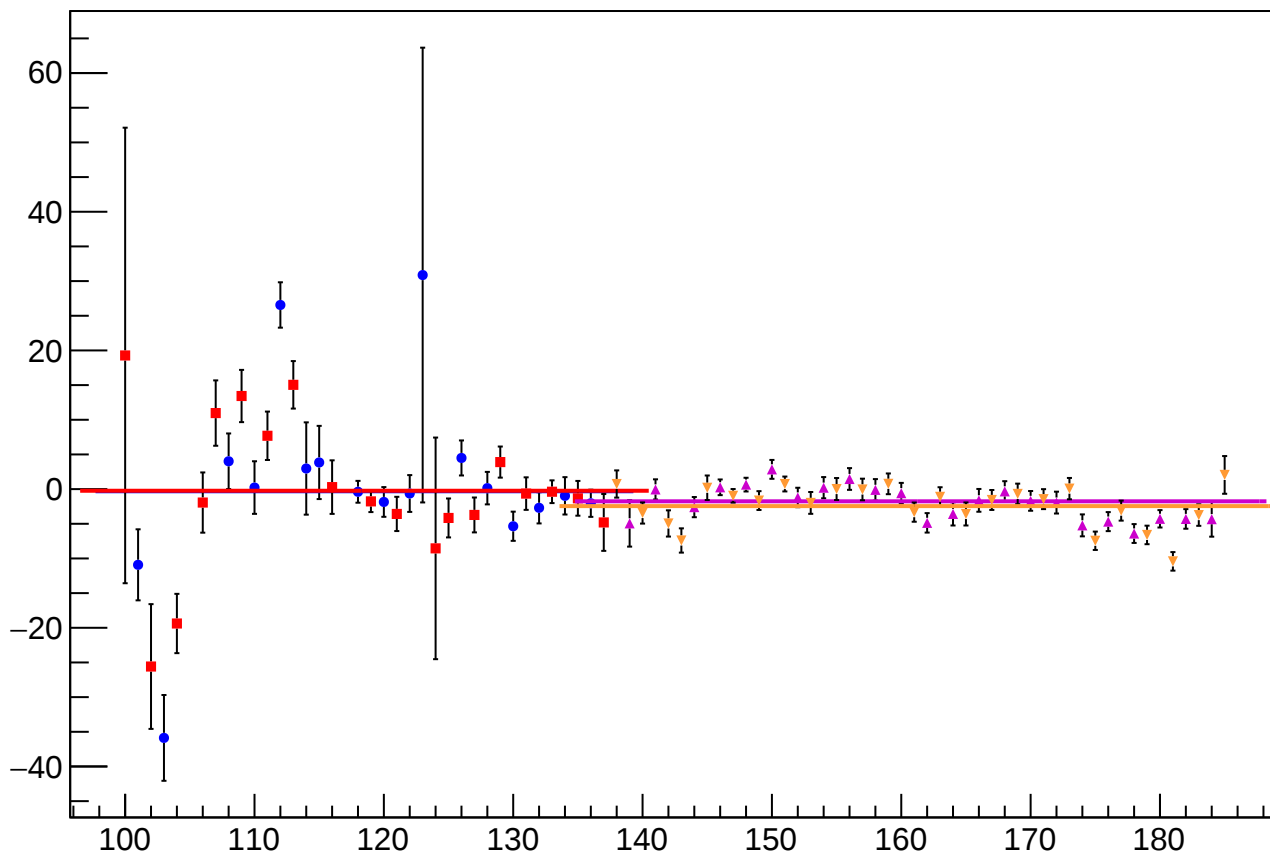
Left In: 19.656+/-0.380 χ^2/NDF : 571.8/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.111+/-0.266 χ^2/NDF : 1201.3/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.309 ± 0.663 χ^2/NDF : 119.6/16

Left Out: -2.450 ± 0.292 χ^2/NDF : 105.8/24

Right Out: -0.237 ± 0.657 χ^2/NDF : 84.2/18

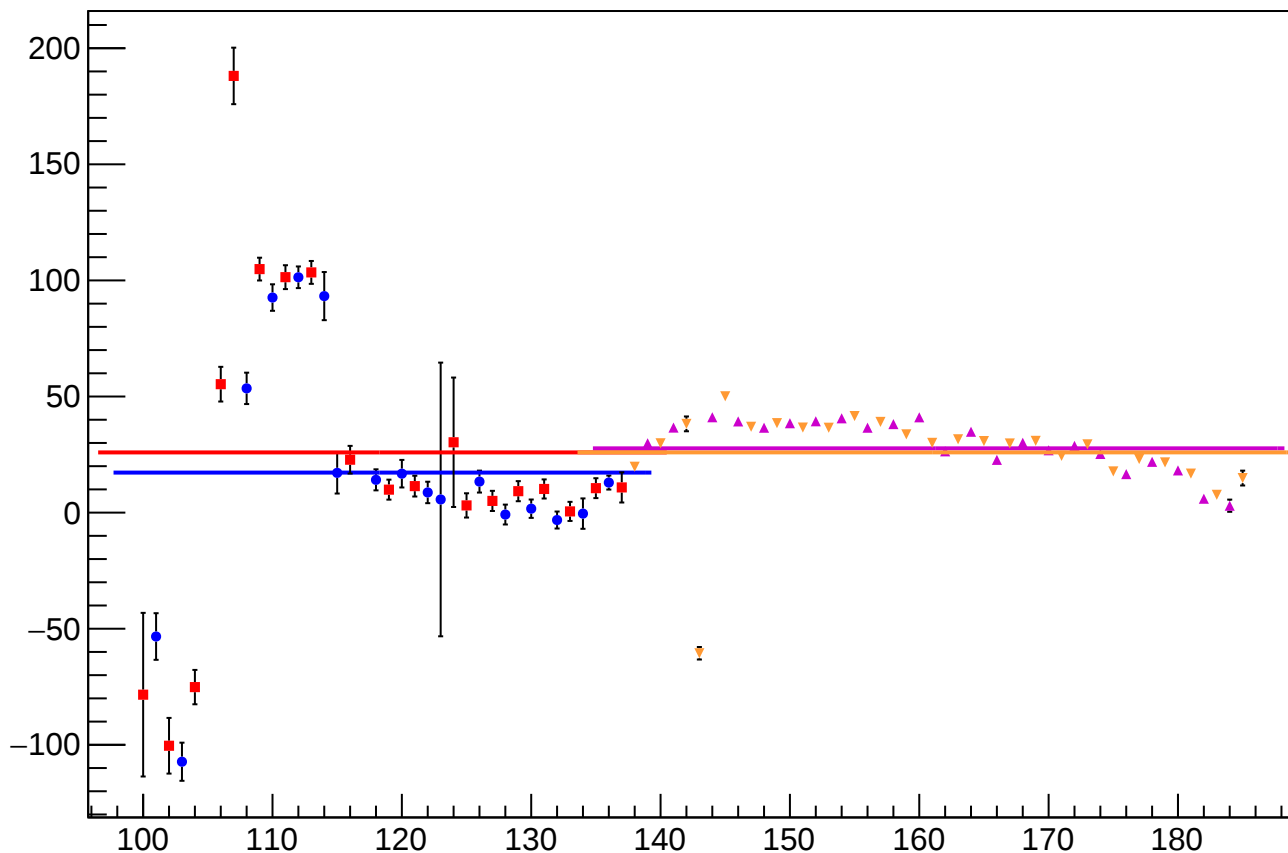
Left In: -1.758 ± 0.302 χ^2/NDF : 67.4/22

+ sign -2.102 ± 0.267 χ^2/NDF : 234.2/41

All: -1.805 ± 0.192 χ^2/NDF : 392.7/83

- sign -1.493 ± 0.275 χ^2/NDF : 156.0/41

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.239+/-1.249 χ^2/NDF : 940.3/16

Left Out: 25.943+/-0.372 χ^2/NDF :1711.3/24

Right Out: 25.926+/-1.246 χ^2/NDF : 1374.8/18

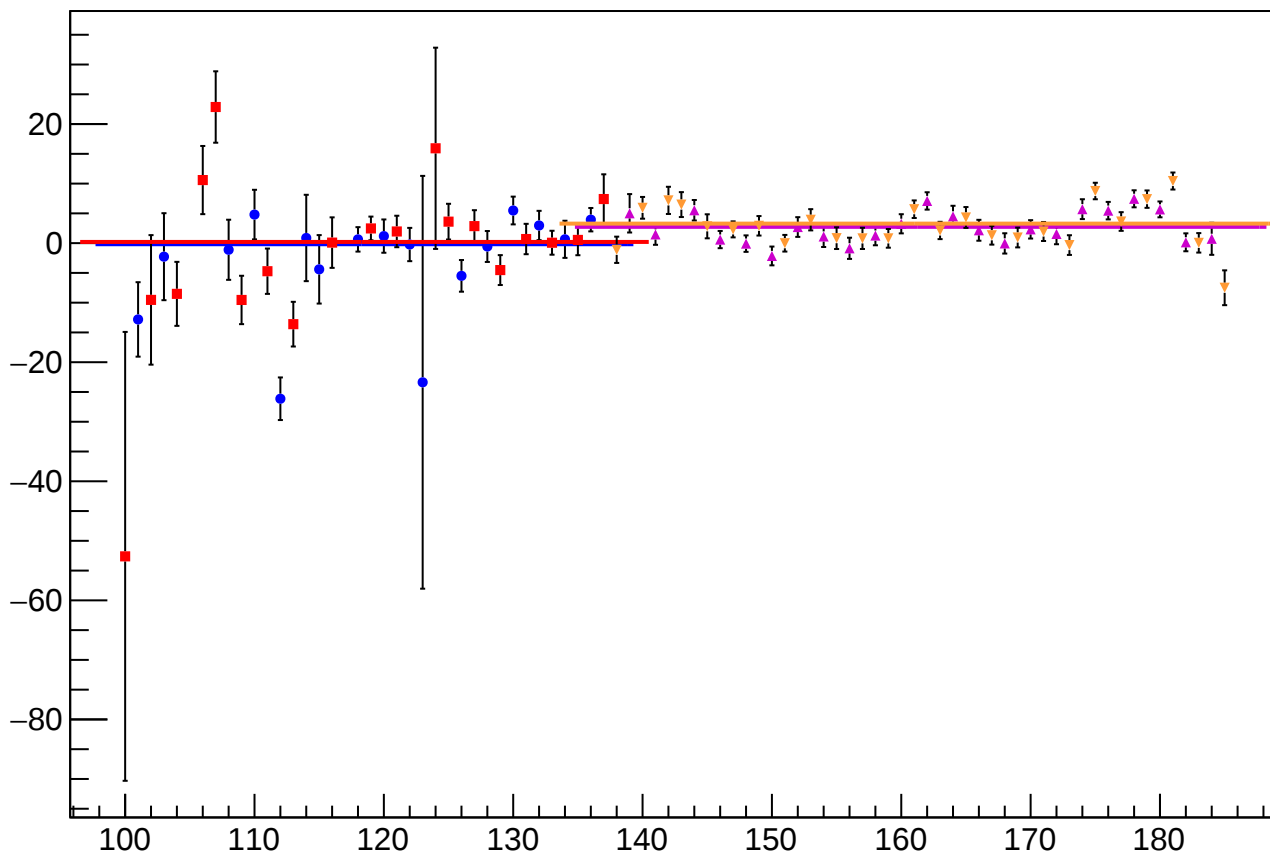
Left In: 27.677+/-0.378 χ^2/NDF :803.9/22

+ sign 25.232+/-0.357 χ^2/NDF : 2696.3/41

All: 26.365+/-0.254 χ^2/NDF : 4897.2/83

- sign 27.529+/-0.362 χ^2/NDF : 2180.5/41

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.183 ± 0.753 χ^2/NDF : 75.7/16

Left Out: 3.277 ± 0.331 χ^2/NDF : 102.6/24

Right Out: 0.202 ± 0.750 χ^2/NDF : 55.4/18

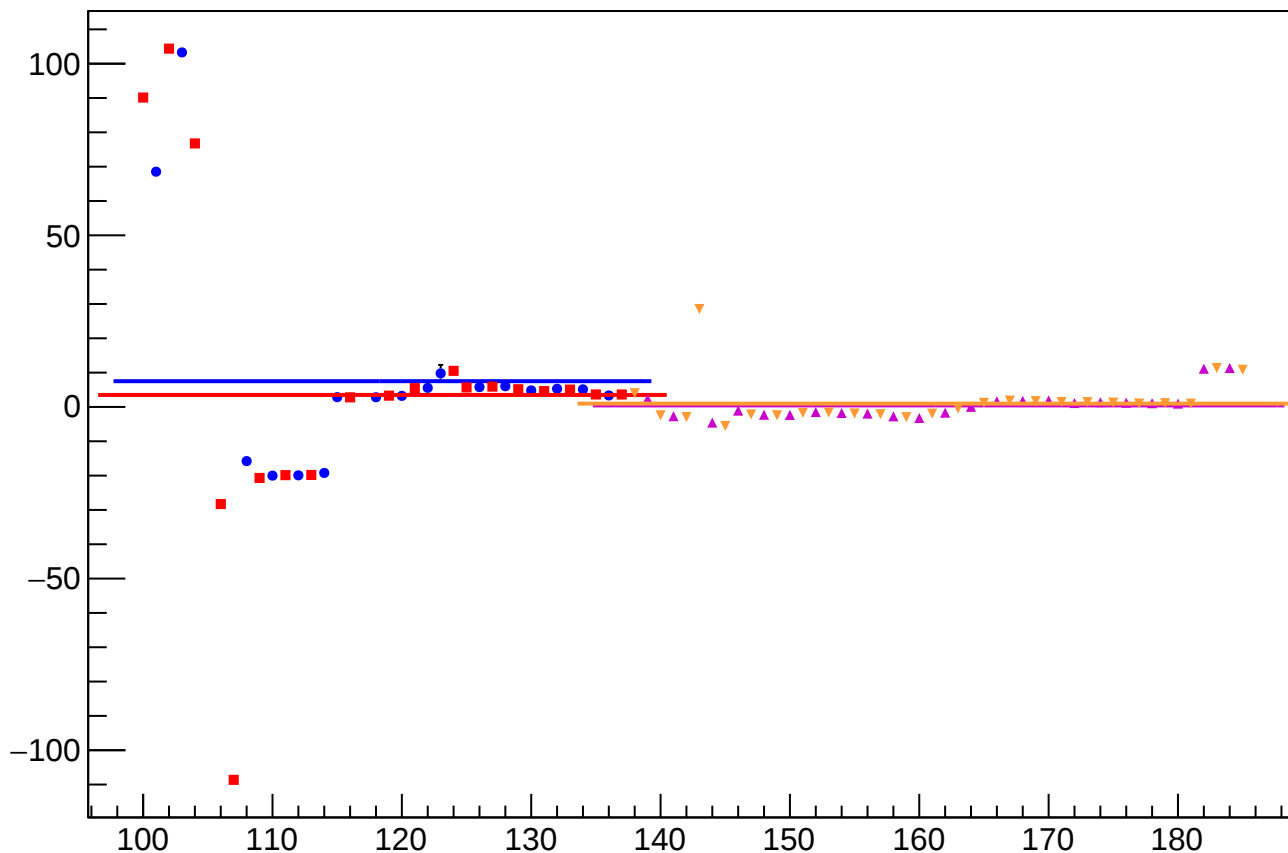
Left In: 2.738 ± 0.341 χ^2/NDF : 64.5/22

+ sign 2.716 ± 0.303 χ^2/NDF : 196.0/41

All: 2.514 ± 0.217 χ^2/NDF : 326.3/83

- sign 2.303 ± 0.311 χ^2/NDF : 129.4/41

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.507 $\pm$ 0.045 χ^2 /NDF: 355810.5/16

Left Out: 0.975 $\pm$ 0.015 χ^2 /NDF: 117179.1/24

Right Out: 3.499 $\pm$ 0.046 χ^2 /NDF: 510576.0/18

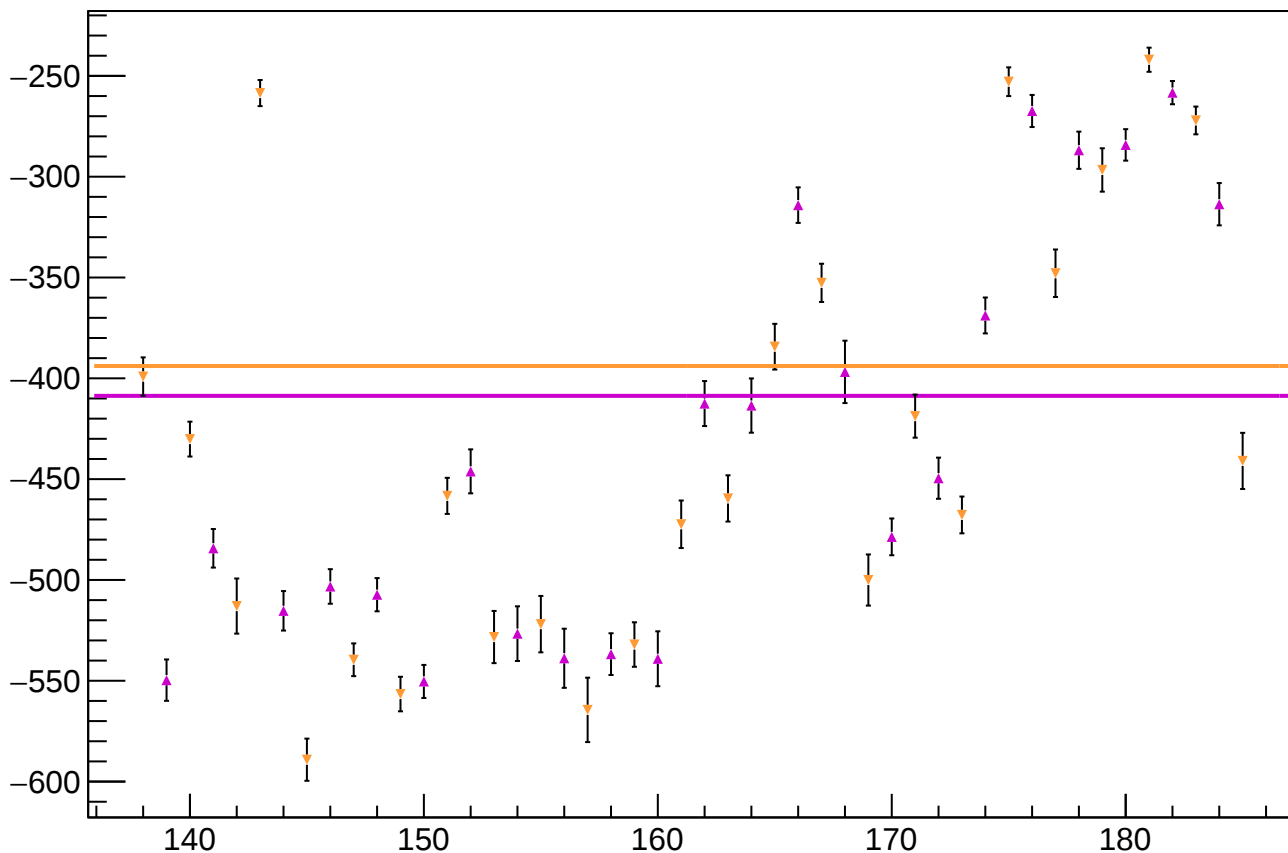
Left In: 0.451 $\pm$ 0.015 χ^2 /NDF: 50699.8/22

+ sign 1.652 $\pm$ 0.014 χ^2 /NDF: 492146.1/41

All: 1.215 $\pm$ 0.010 χ^2 /NDF: 1059291.0/83

- sign 0.763 $\pm$ 0.015 χ^2 /NDF: 565269.0/41

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -393.899 ± 1.897 χ^2/NDF : 3772.7/24

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

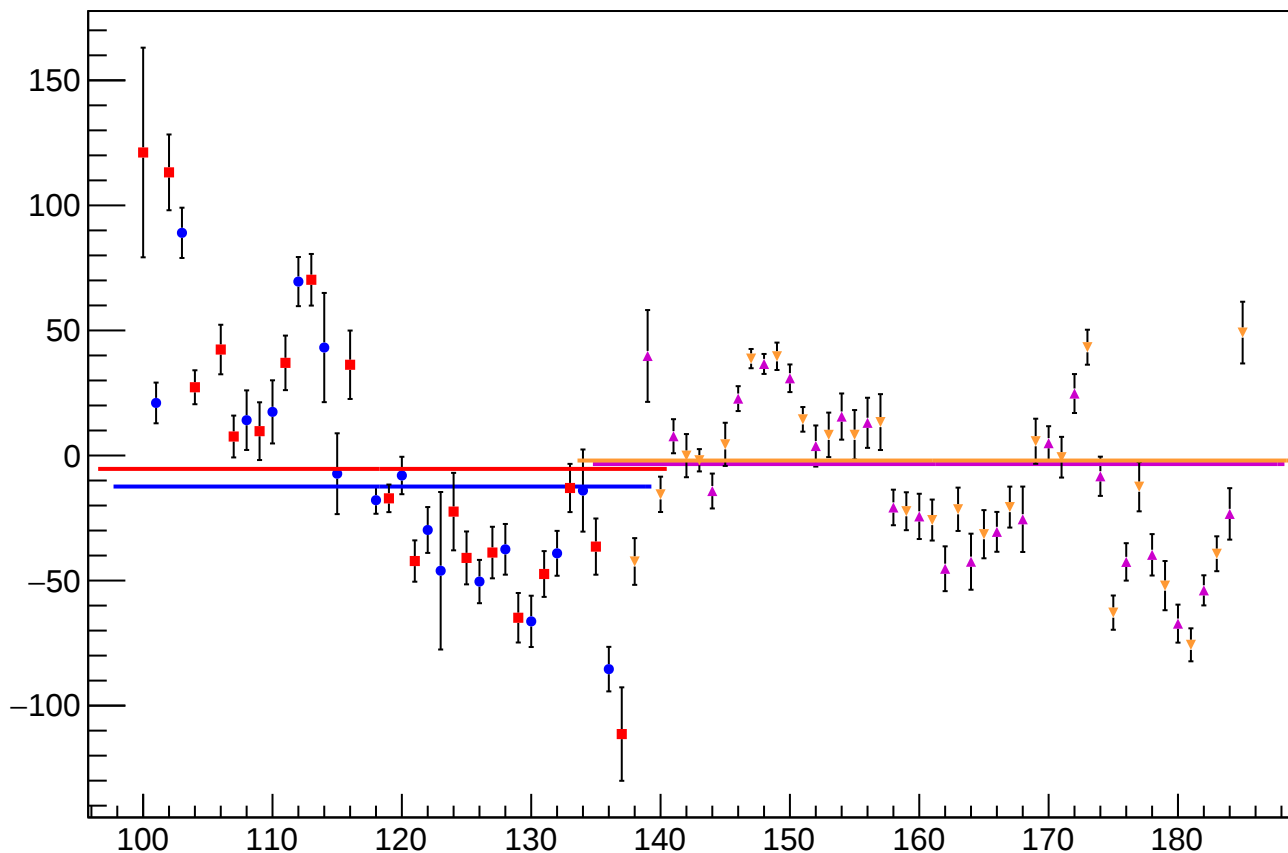
Left In: -408.696 ± 1.979 χ^2/NDF : 3062.9/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -400.986 ± 1.370 χ^2/NDF : 6864.7/47

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.408+/-2.353 χ^2/NDF : 340.6/16

Left Out: -2.011+/-1.424 χ^2/NDF : 562.9/24

Right Out: -5.355+/-2.261 χ^2/NDF : 344.1/18

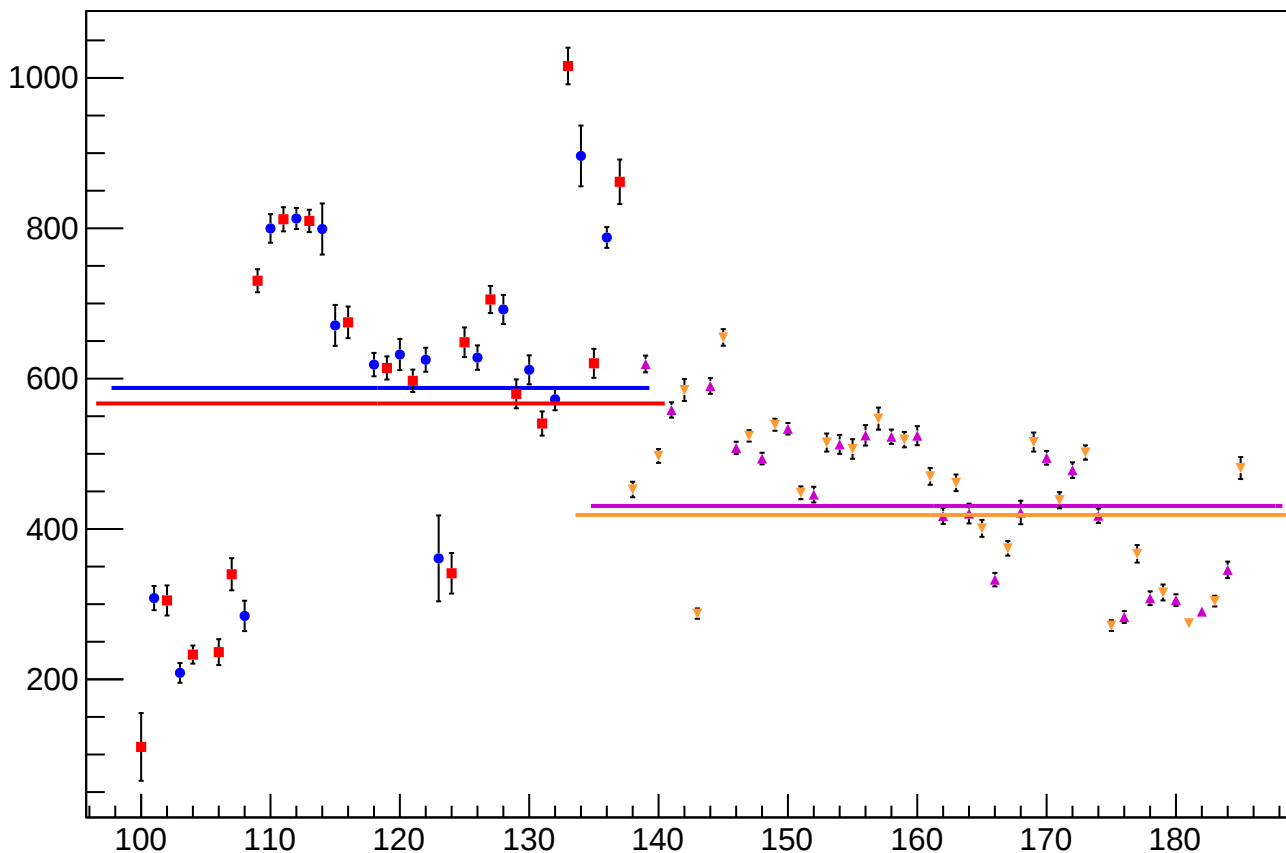
Left In: -3.420+/-1.520 χ^2/NDF : 451.0/22

+ sign -4.799+/-1.218 χ^2/NDF : 917.8/41

All: -4.424+/-0.876 χ^2/NDF : 1713.5/83

- sign -4.022+/-1.262 χ^2/NDF : 795.6/41

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 587.620 ± 4.361 $\chi^2/\text{NDF}: 2127.1/16$

Left Out: 418.701 ± 1.905 $\chi^2/\text{NDF}: 3296.7/24$

Right Out: 566.959 ± 4.142 $\chi^2/\text{NDF}: 2782.6/18$

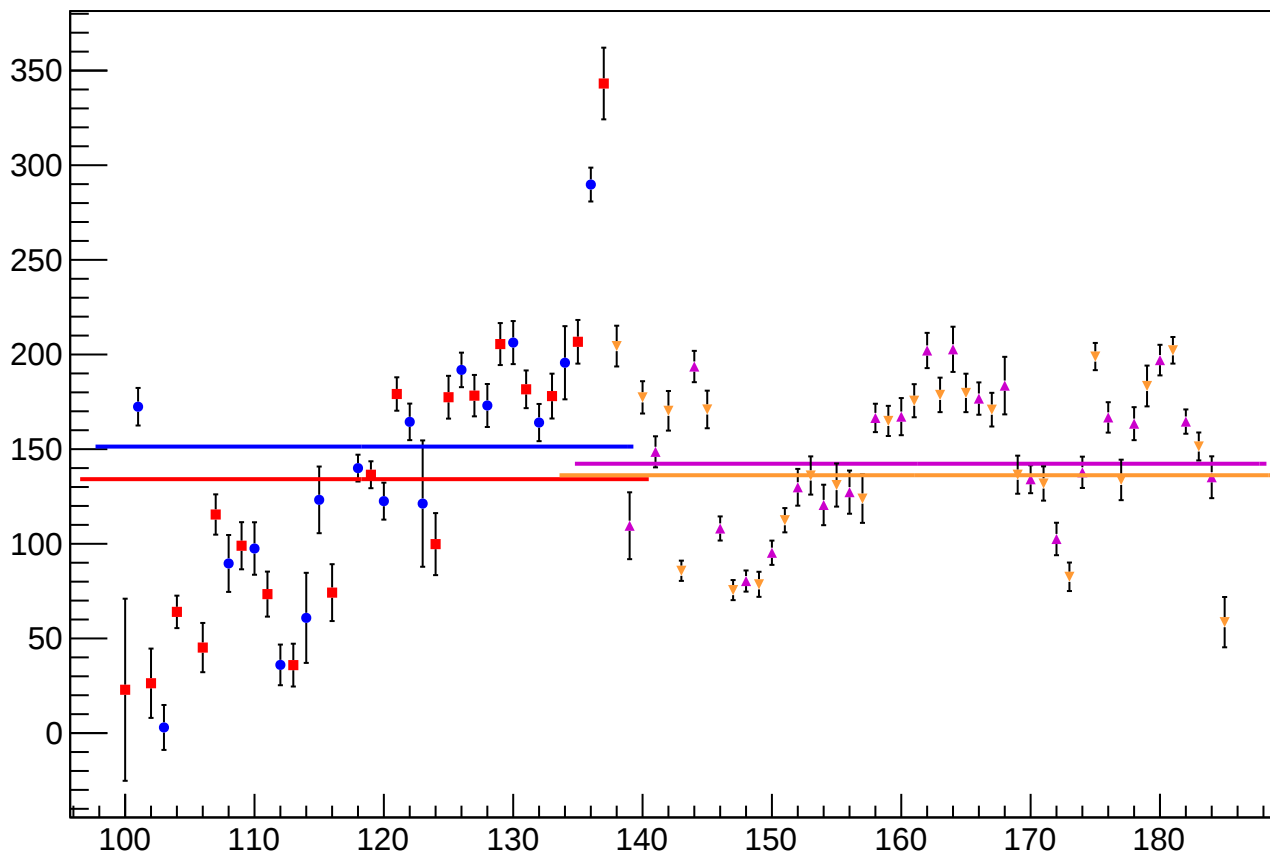
Left In: 430.640 ± 1.971 $\chi^2/\text{NDF}: 2850.6/22$

+ sign 445.770 ± 1.746 $\chi^2/\text{NDF}: 6683.4/41$

All: 450.689 ± 1.246 $\chi^2/\text{NDF}: 13215.9/83$

- sign 455.799 ± 1.780 $\chi^2/\text{NDF}: 6516.3/41$

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 151.359 ± 2.715 $\chi^2/\text{NDF}: 632.2/16$

Left Out: 136.224 ± 1.651 $\chi^2/\text{NDF}: 757.9/24$

Right Out: 134.147 ± 2.620 $\chi^2/\text{NDF}: 582.9/18$

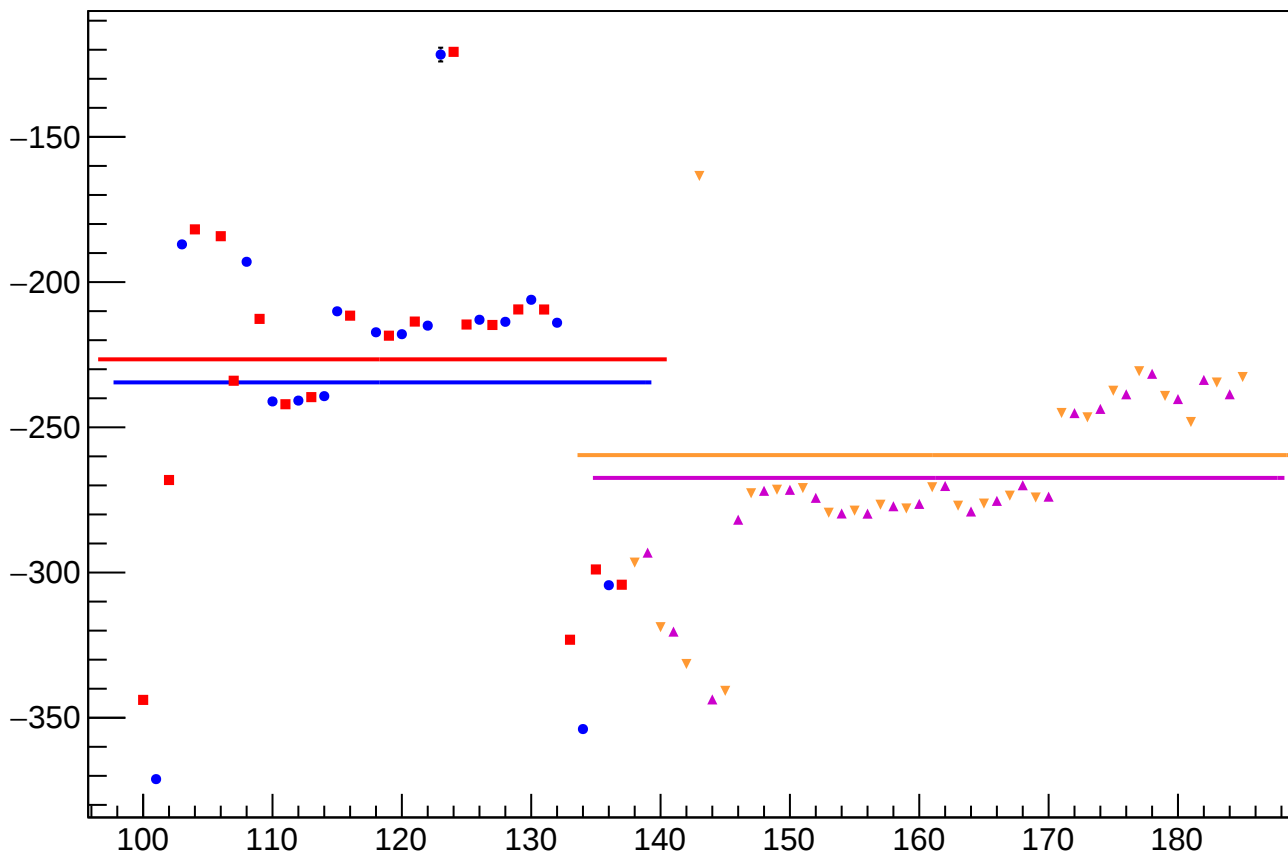
Left In: 142.296 ± 1.745 $\chi^2/\text{NDF}: 459.8/22$

+ sign 140.310 ± 1.411 $\chi^2/\text{NDF}: 1412.8/41$

All: 140.059 ± 1.012 $\chi^2/\text{NDF}: 2462.3/83$

- sign 139.793 ± 1.452 $\chi^2/\text{NDF}: 1049.4/41$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.530+/-0.149 χ^2/NDF : 145014.5/16

Left Out: -259.566+/-0.079 χ^2/NDF : 238196.3/24

Right Out: -226.593+/-0.142 χ^2/NDF : 98973.6/18

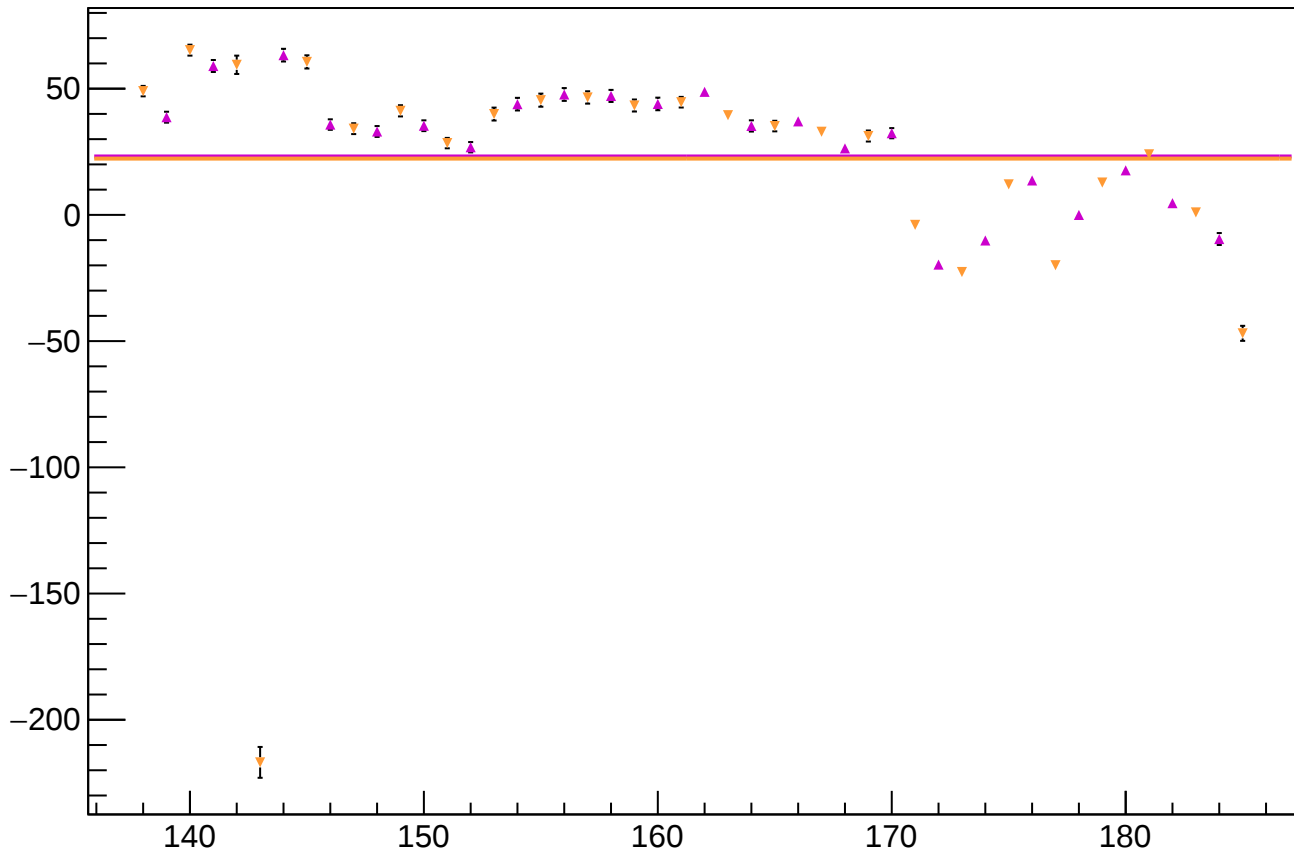
Left In: -267.417+/-0.082 χ^2/NDF : 98035.5/22

+ sign -254.074+/-0.070 χ^2/NDF : 405187.9/41

All: -255.628+/-0.050 χ^2/NDF : 665610.4/83

- sign -257.220+/-0.071 χ^2/NDF : 259421.7/41

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 22.297+/-0.399 χ^2/NDF : 5167.6/24

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

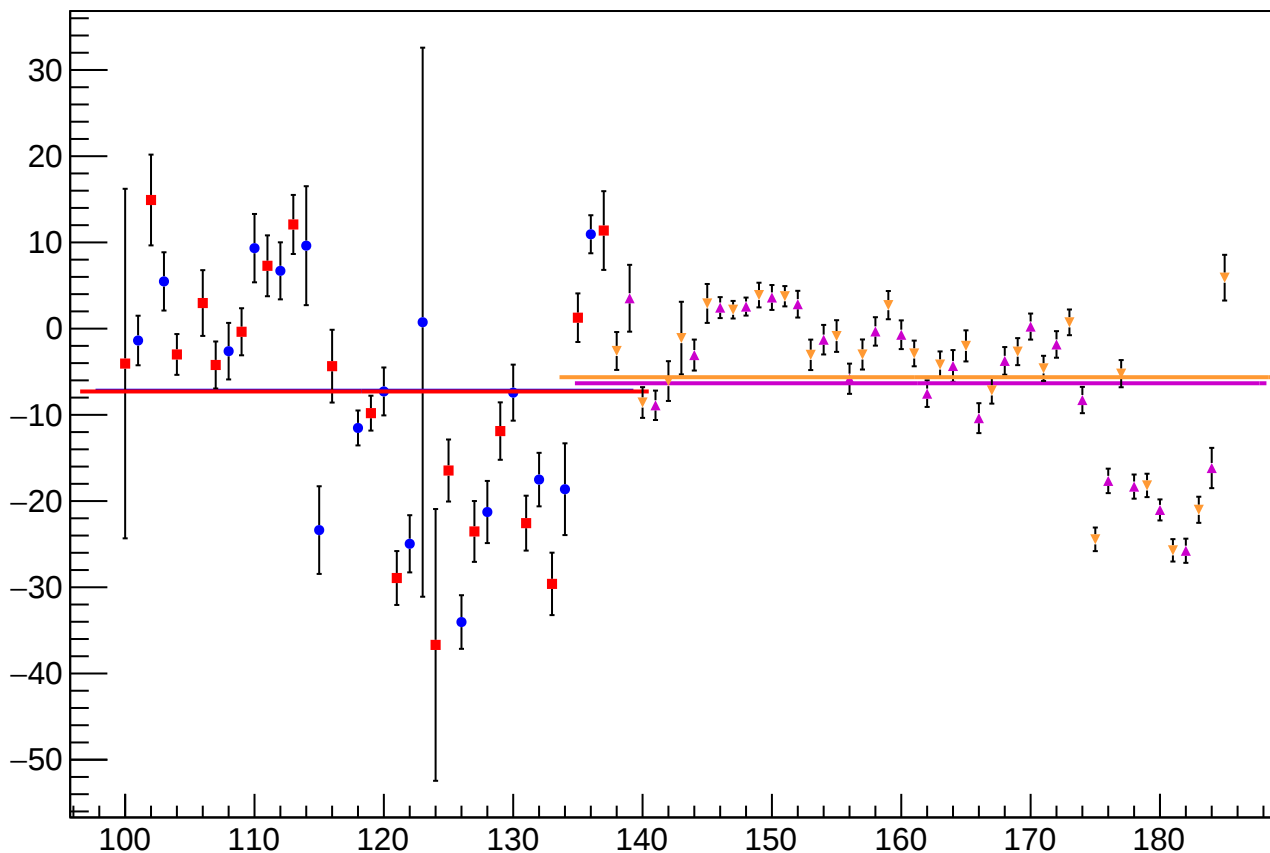
Left In: 23.136+/-0.401 χ^2/NDF : 2744.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.714+/-0.283 χ^2/NDF : 7914.5/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.201 ± 0.790 χ^2/NDF : 277.5/16

Left Out: -5.633 ± 0.316 χ^2/NDF : 891.2/24

Right Out: -7.289 ± 0.762 χ^2/NDF : 255.0/18

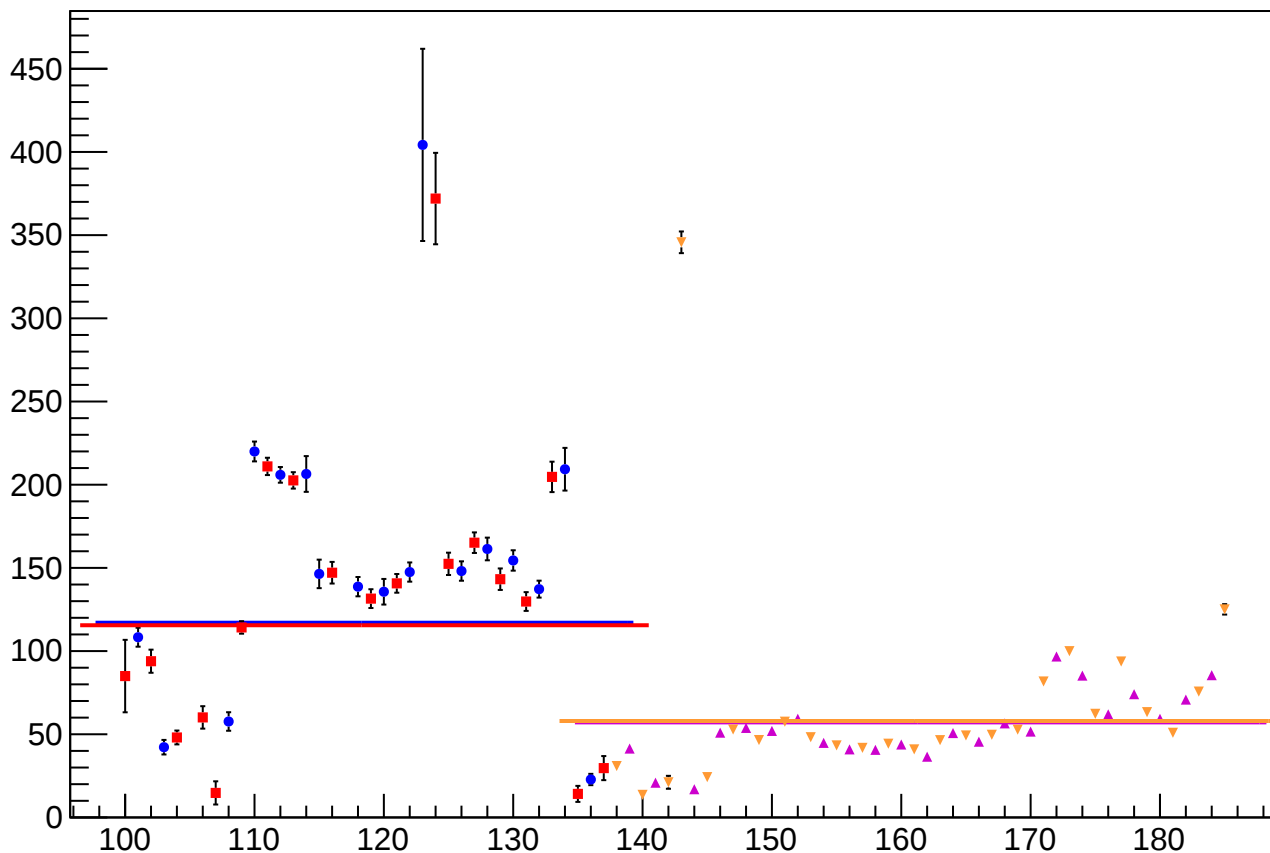
Left In: -6.337 ± 0.321 χ^2/NDF : 783.0/22

+ sign -5.849 ± 0.293 χ^2/NDF : 1172.1/41

All: -6.162 ± 0.208 χ^2/NDF : 2213.7/83

- sign -6.481 ± 0.296 χ^2/NDF : 1039.3/41

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.046 $\pm$ 1.419 χ^2 /NDF: 2159.0/16

Left Out: 57.973 $\pm$ 0.398 χ^2 /NDF:4632.9/24

Right Out: 115.529 $\pm$ 1.363 χ^2 /NDF: 2135.6/18

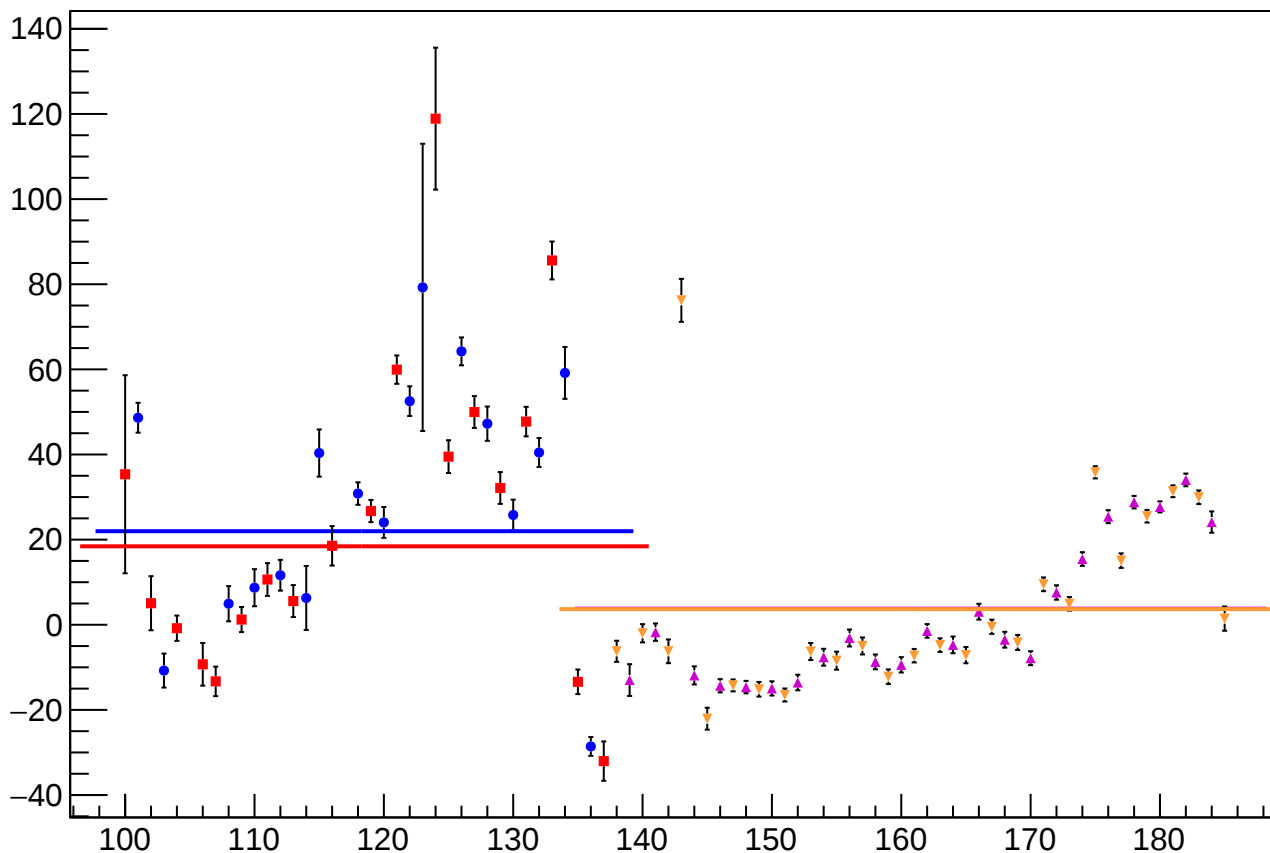
Left In: 57.139 $\pm$ 0.400 χ^2 /NDF:1803.4/22

+ sign 62.281 $\pm$ 0.383 χ^2 /NDF: 8398.0/41

All: 62.021 $\pm$ 0.271 χ^2 /NDF: 14028.0/83

- sign 61.760 $\pm$ 0.383 χ^2 /NDF: 5629.0/41

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 21.981 $\pm$ 0.900 χ^2 /NDF: 1061.2/16

Left Out: 3.670 $\pm$ 0.357 χ^2 /NDF: 2536.8/24

Right Out: 18.432 $\pm$ 0.873 χ^2 /NDF: 1066.0/18

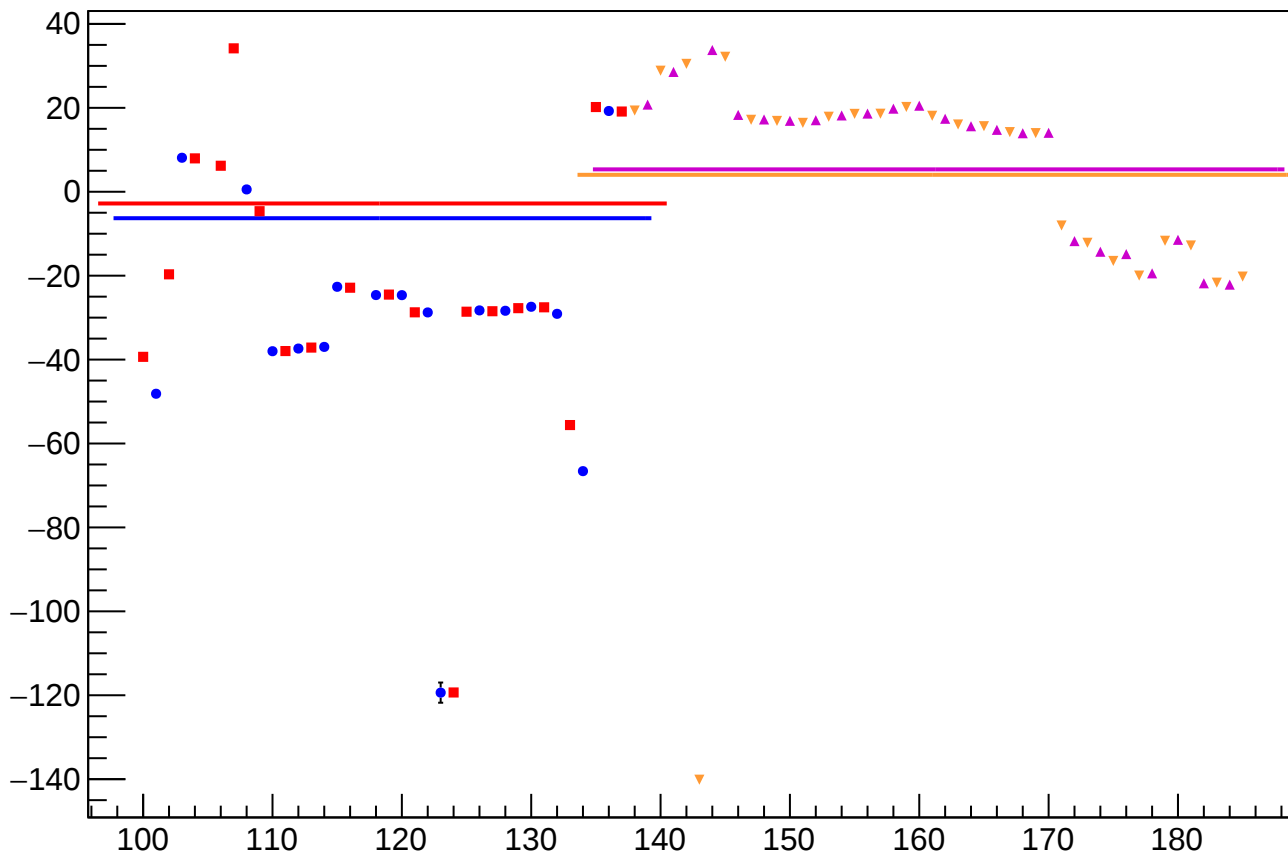
Left In: 3.786 $\pm$ 0.362 χ^2 /NDF: 2198.8/22

+ sign 6.155 $\pm$ 0.332 χ^2 /NDF: 3955.5/41

All: 6.046 $\pm$ 0.235 χ^2 /NDF: 7460.9/83

- sign 5.934 $\pm$ 0.334 χ^2 /NDF: 3505.2/41

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.304 ± 0.046 χ^2/NDF : 264097.6/16

Left Out: 4.036 ± 0.016 χ^2/NDF : 1382123.0/24

Right Out: -2.793 ± 0.046 χ^2/NDF : 265022.4/18

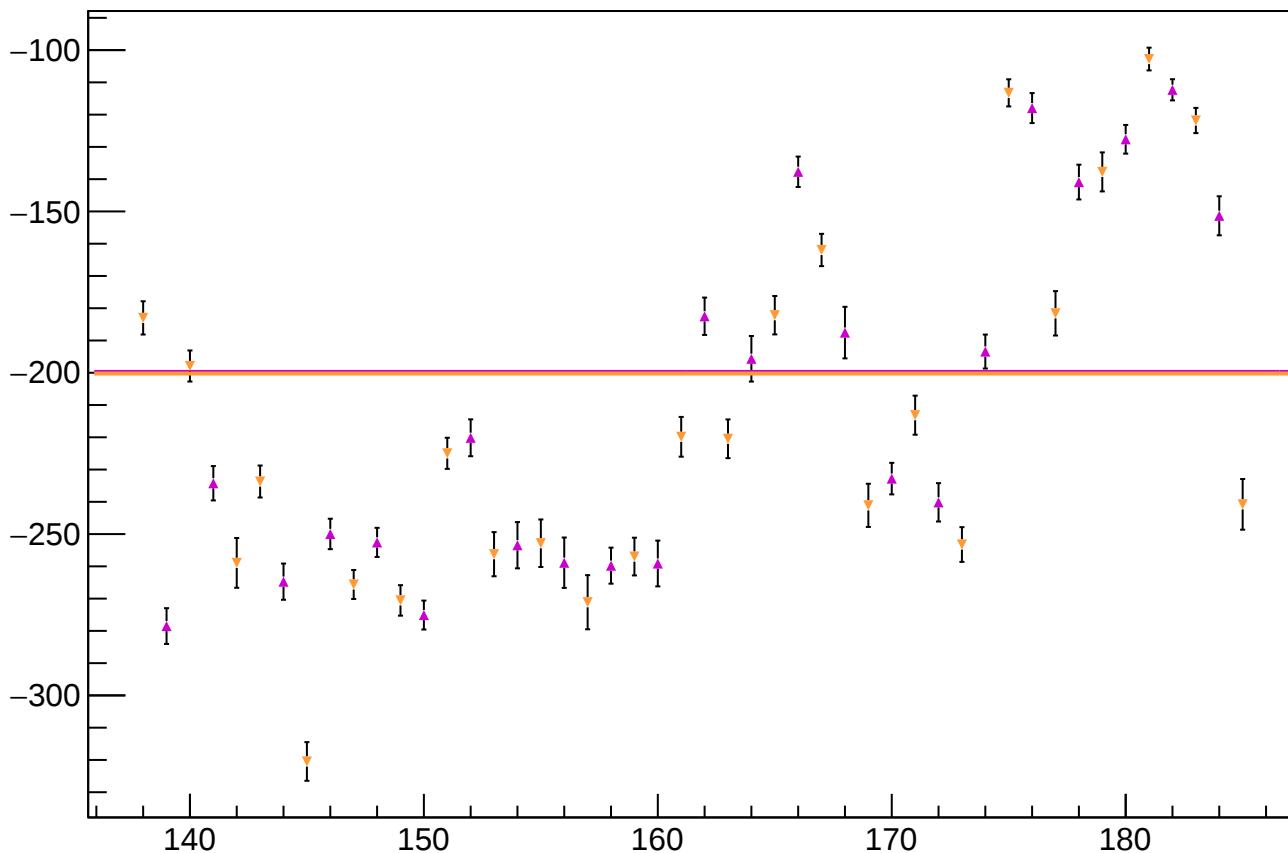
Left In: 5.335 ± 0.016 χ^2/NDF : 1077818.8/22

+ sign 2.891 ± 0.015 χ^2/NDF : 1690449.9/41

All: 3.648 ± 0.011 χ^2/NDF : 3066043.9/83

- sign 4.409 ± 0.015 χ^2/NDF : 1370766.6/41

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -200.242 $\pm$ 1.078 χ^2 /NDF:3225.4/24

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

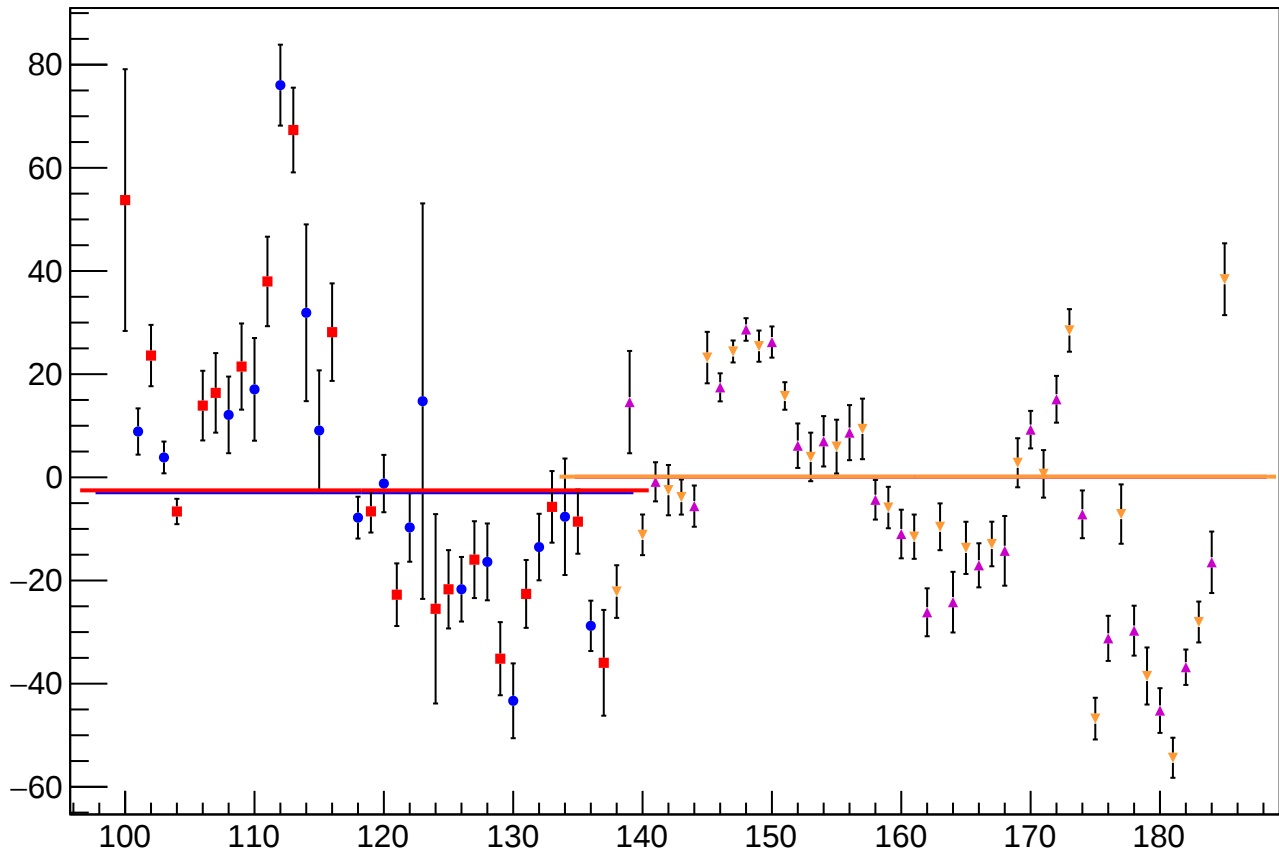
Left In: -199.739 $\pm$ 1.097 χ^2 /NDF:2968.0/22

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

All: -199.995 $\pm$ 0.769 χ^2 /NDF: 6193.6/47

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

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.891 ± 1.469 χ^2/NDF : 203.4/16

Left Out: 0.128 ± 0.807 χ^2/NDF : 829.7/24

Right Out: -2.525 ± 1.398 χ^2/NDF : 217.5/18

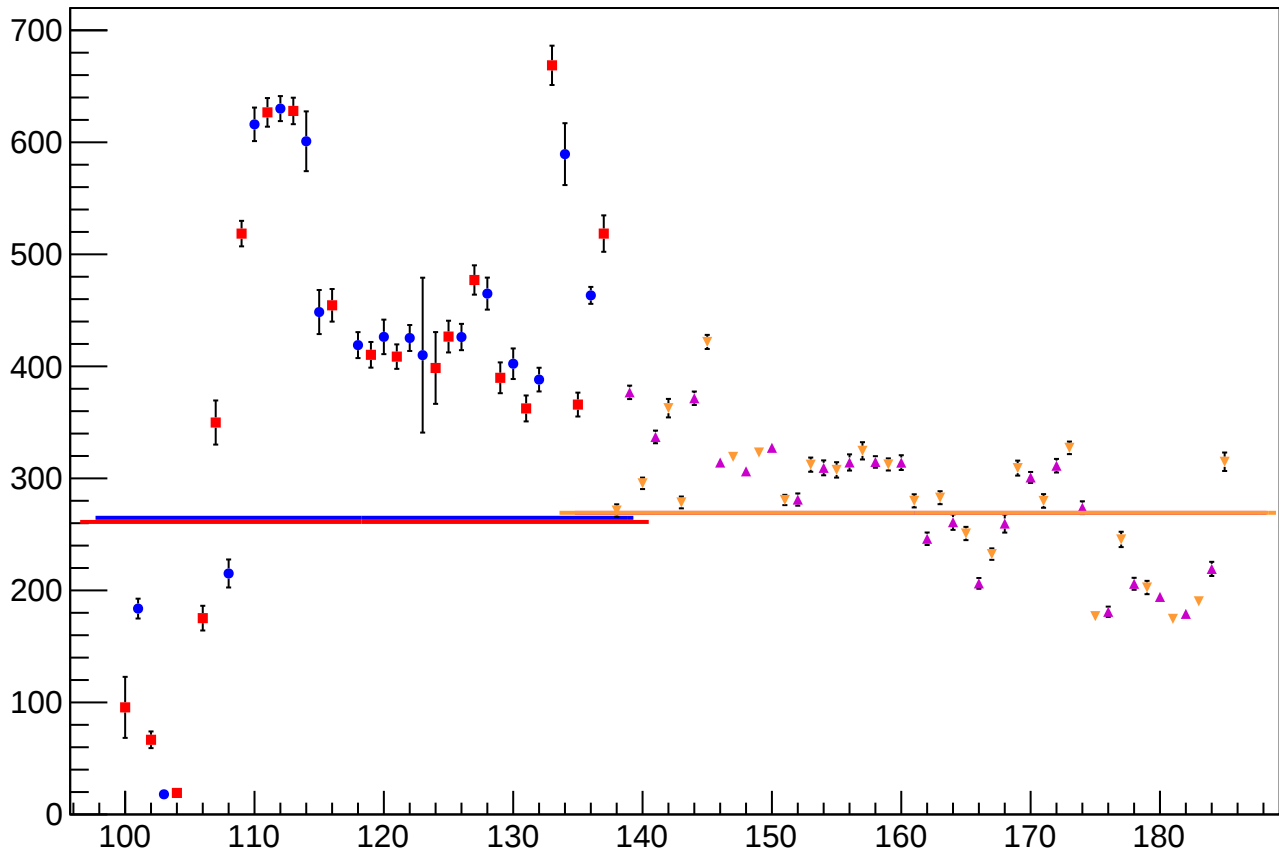
Left In: 0.097 ± 0.838 χ^2/NDF : 715.5/22

+ sign -0.572 ± 0.707 χ^2/NDF : 1036.3/41

All: -0.584 ± 0.504 χ^2/NDF : 1971.9/83

- sign -0.596 ± 0.719 χ^2/NDF : 935.5/41

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 264.819 $\pm$ 2.491 χ^2 /NDF: 7613.2/16

Left Out: 269.290 $\pm$ 1.078 χ^2 /NDF:3147.3/24

Right Out: 261.125 $\pm$ 2.460 χ^2 /NDF: 8195.5/18

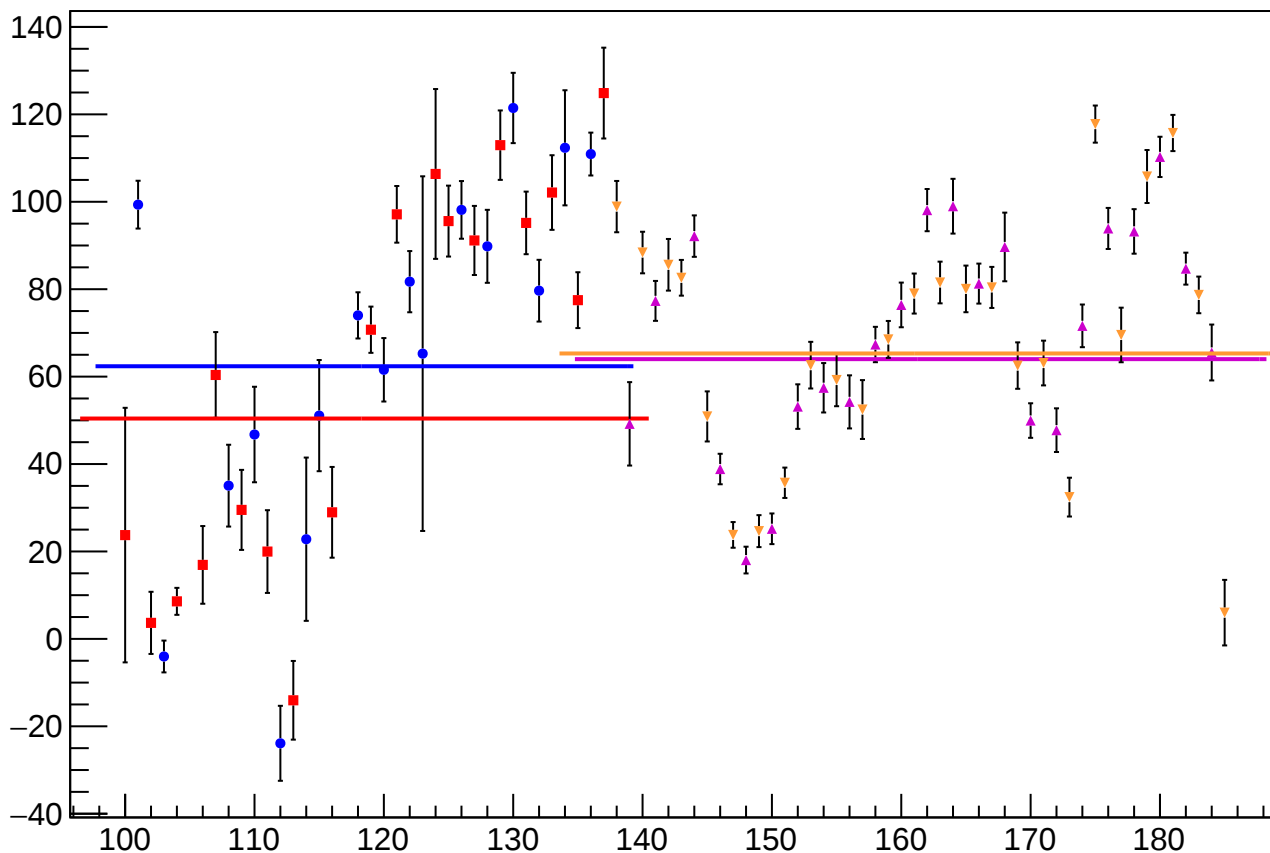
Left In: 269.191 $\pm$ 1.091 χ^2 /NDF:3170.2/22

+ sign 268.585 $\pm$ 0.989 χ^2 /NDF: 10763.2/41

All: 268.228 $\pm$ 0.702 χ^2 /NDF: 22138.1/83

- sign 267.866 $\pm$ 0.997 χ^2 /NDF: 11374.6/41

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.373 ± 1.697 $\chi^2/\text{NDF}: 720.9/16$

Left Out: 65.297 ± 0.935 $\chi^2/\text{NDF}: 1006.3/24$

Right Out: 50.412 ± 1.644 $\chi^2/\text{NDF}: 653.8/18$

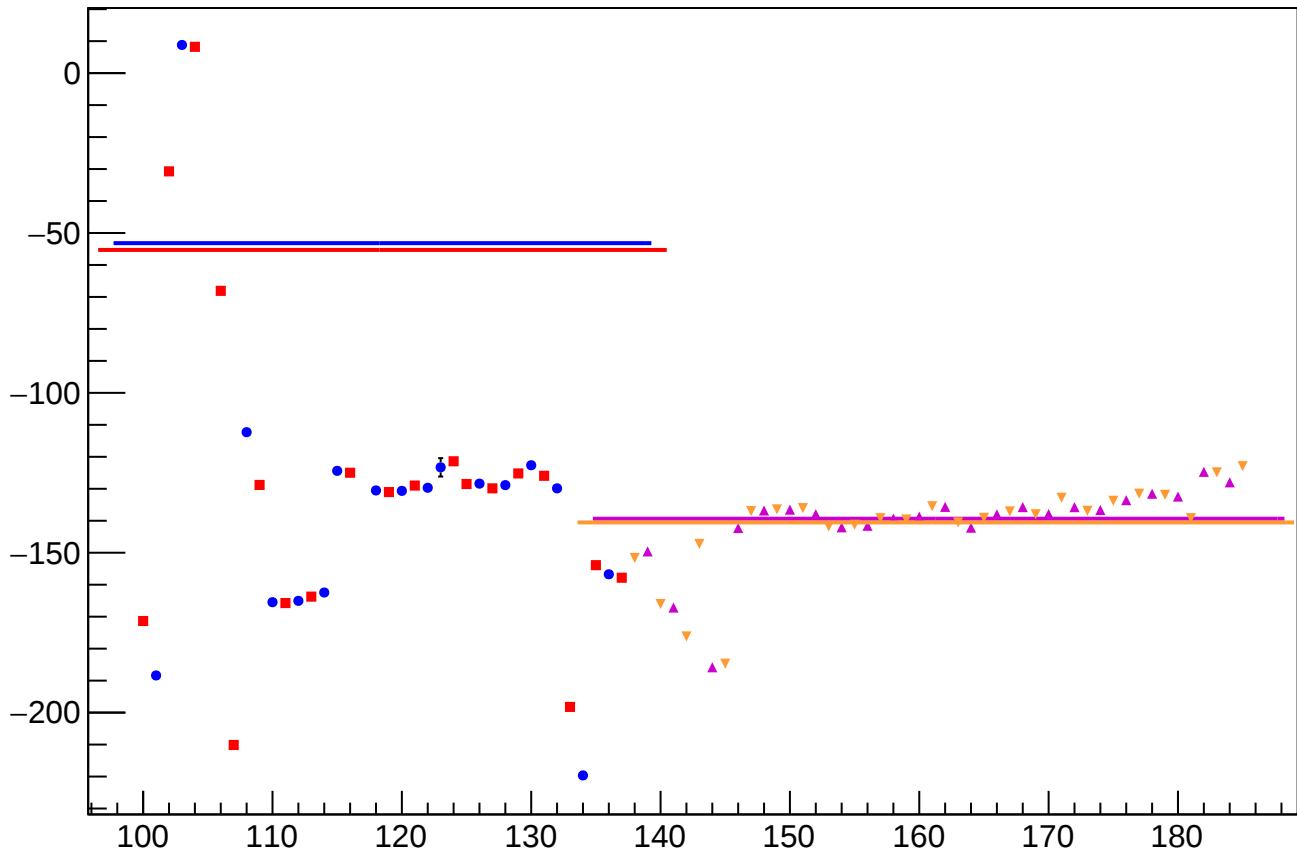
Left In: 63.999 ± 0.963 $\chi^2/\text{NDF}: 799.5/22$

+ sign 64.616 ± 0.819 $\chi^2/\text{NDF}: 1729.5/41$

All: 62.603 ± 0.583 $\chi^2/\text{NDF}: 3245.9/83$

- sign 60.529 ± 0.831 $\chi^2/\text{NDF}: 1504.1/41$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.177 ± 0.070 χ^2/NDF : 1223993.8/16

Left Out: -140.525 ± 0.045 χ^2/NDF : 77434.7/24

Right Out: -55.301 ± 0.072 χ^2/NDF : 965954.6/18

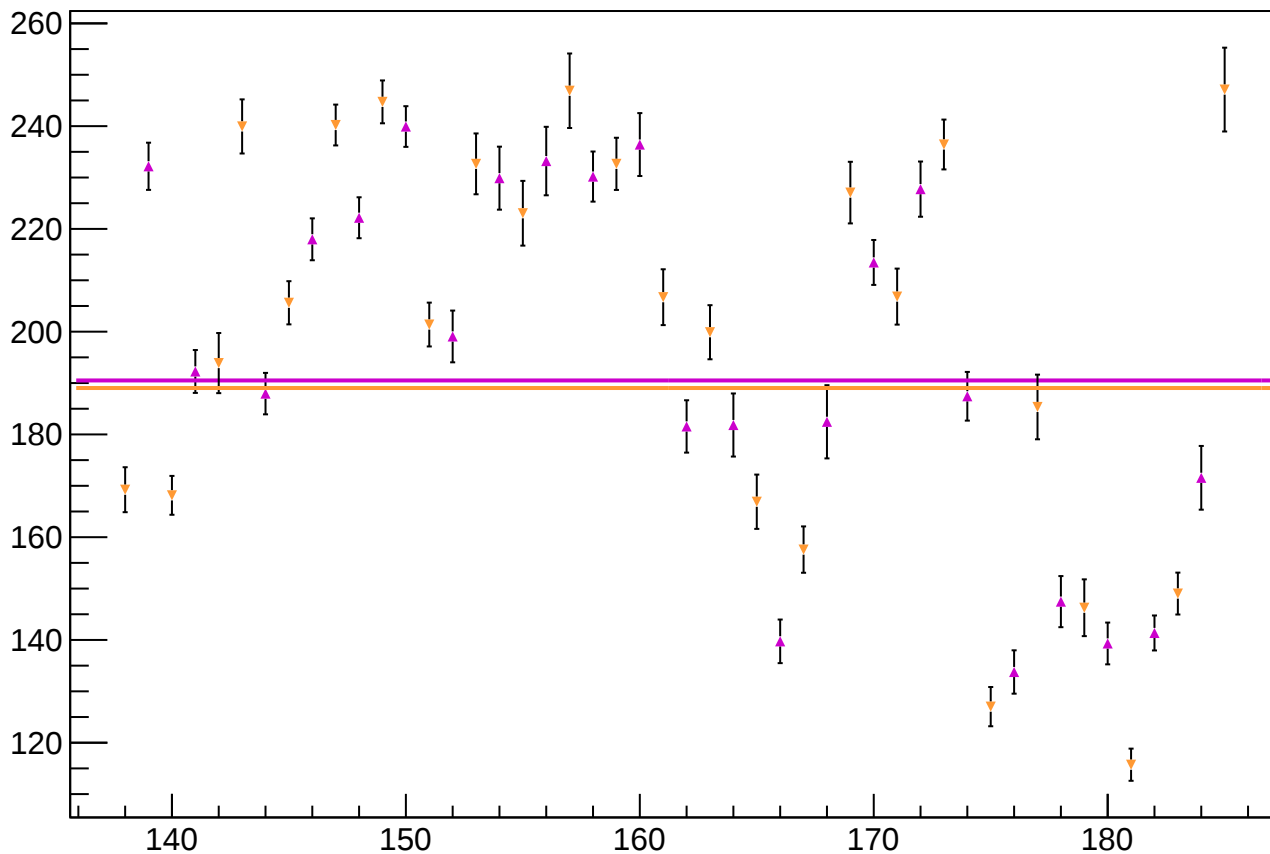
Left In: -139.360 ± 0.045 χ^2/NDF : 62449.0/22

+ sign -115.563 ± 0.038 χ^2/NDF : 2399431.8/41

All: -115.647 ± 0.027 χ^2/NDF : 4408198.7/83

- sign -115.733 ± 0.038 χ^2/NDF : 2008756.9/41

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 189.033+/-0.956 χ^2/NDF :1981.2/24

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

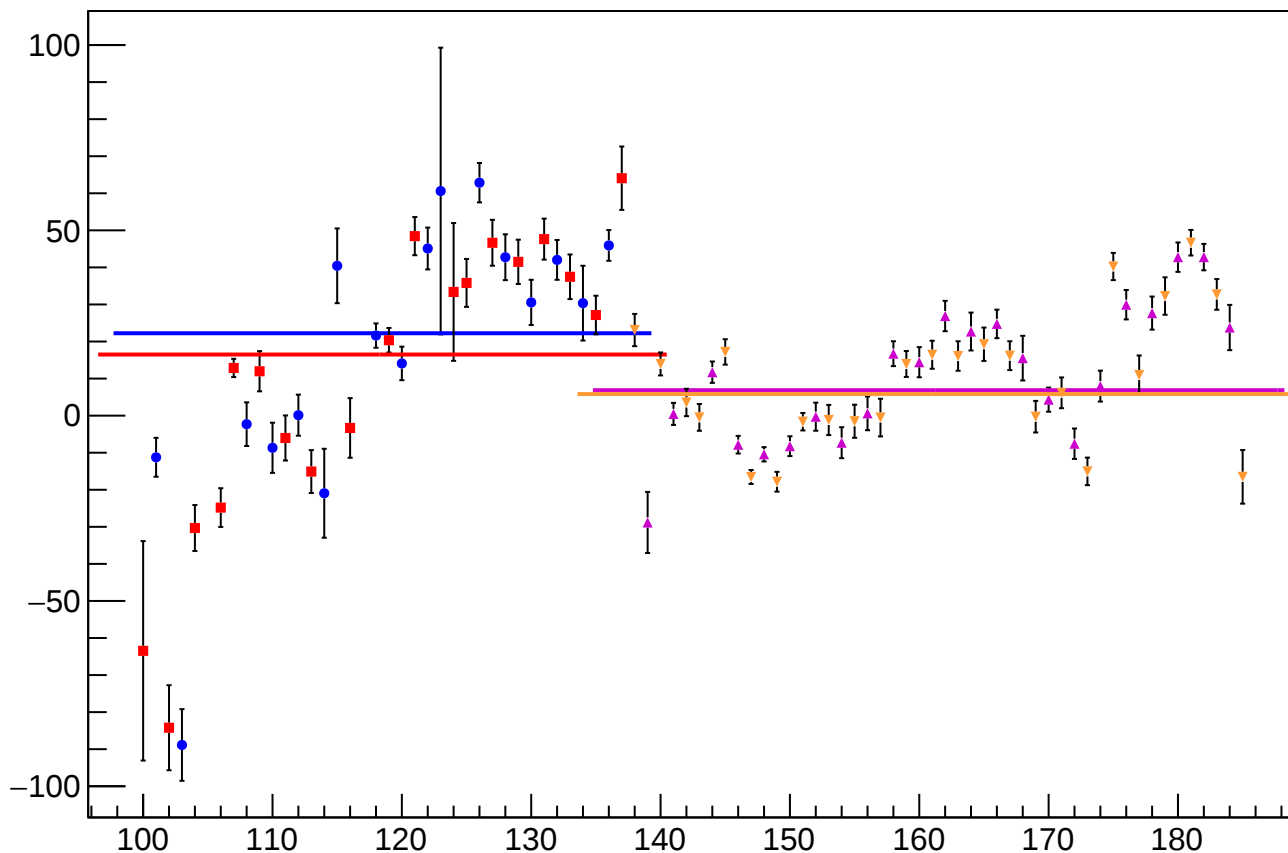
Left In: 190.506+/-0.975 χ^2/NDF :1412.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.755+/-0.683 χ^2/NDF : 3395.0/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.234 $\pm$ 1.398 χ^2 /NDF: 382.0/16

Left Out: 5.824 $\pm$ 0.713 χ^2 /NDF: 651.2/24

Right Out: 16.492 $\pm$ 1.229 χ^2 /NDF: 426.0/18

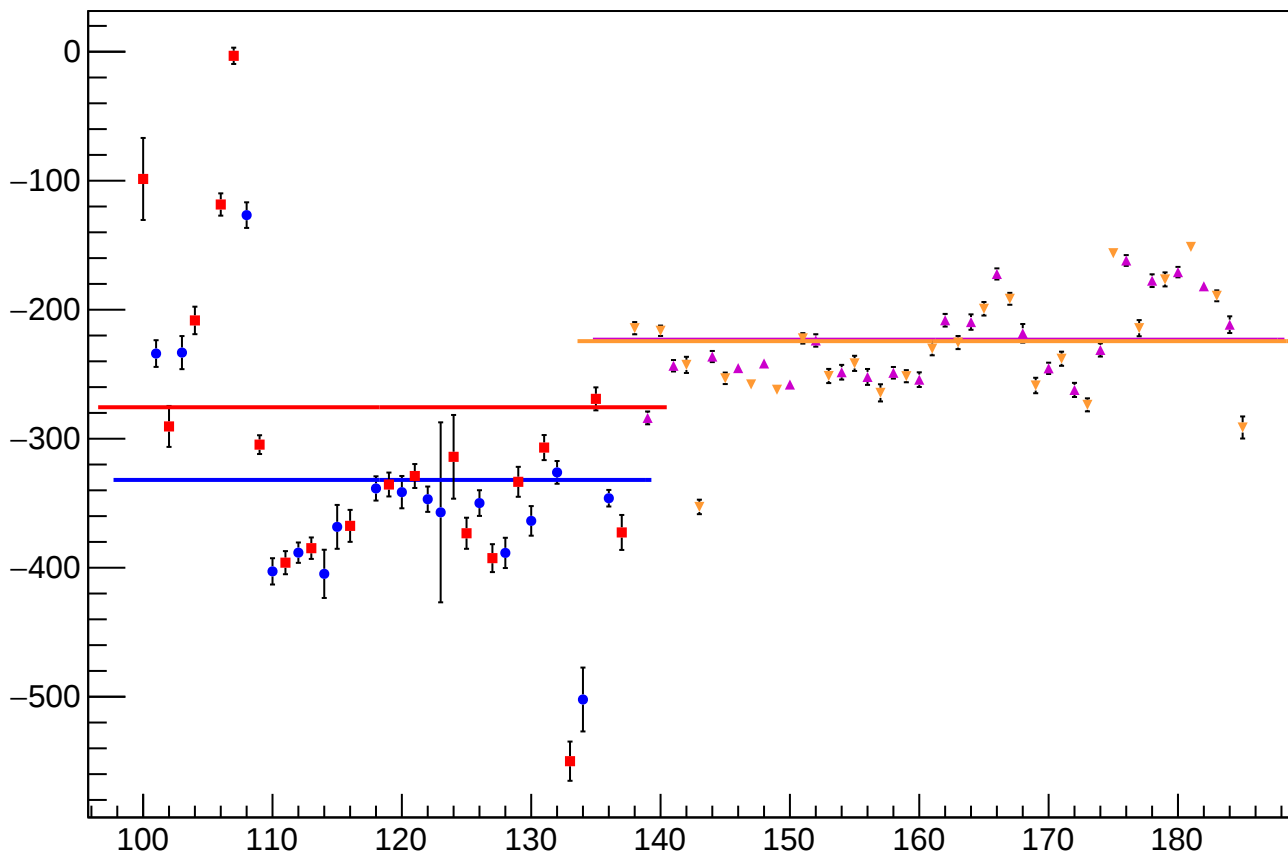
Left In: 6.862 $\pm$ 0.736 χ^2 /NDF: 522.7/22

+ sign 9.207 $\pm$ 0.635 χ^2 /NDF: 1142.5/41

All: 9.307 $\pm$ 0.448 χ^2 /NDF: 2136.6/83

- sign 9.406 $\pm$ 0.632 χ^2 /NDF: 994.0/41

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.943+/-2.586 χ^2/NDF : 785.9/16

Left Out: -224.365+/-0.956 χ^2/NDF : 2103.5/24

Right Out: -275.603+/-2.328 χ^2/NDF : 3358.3/18

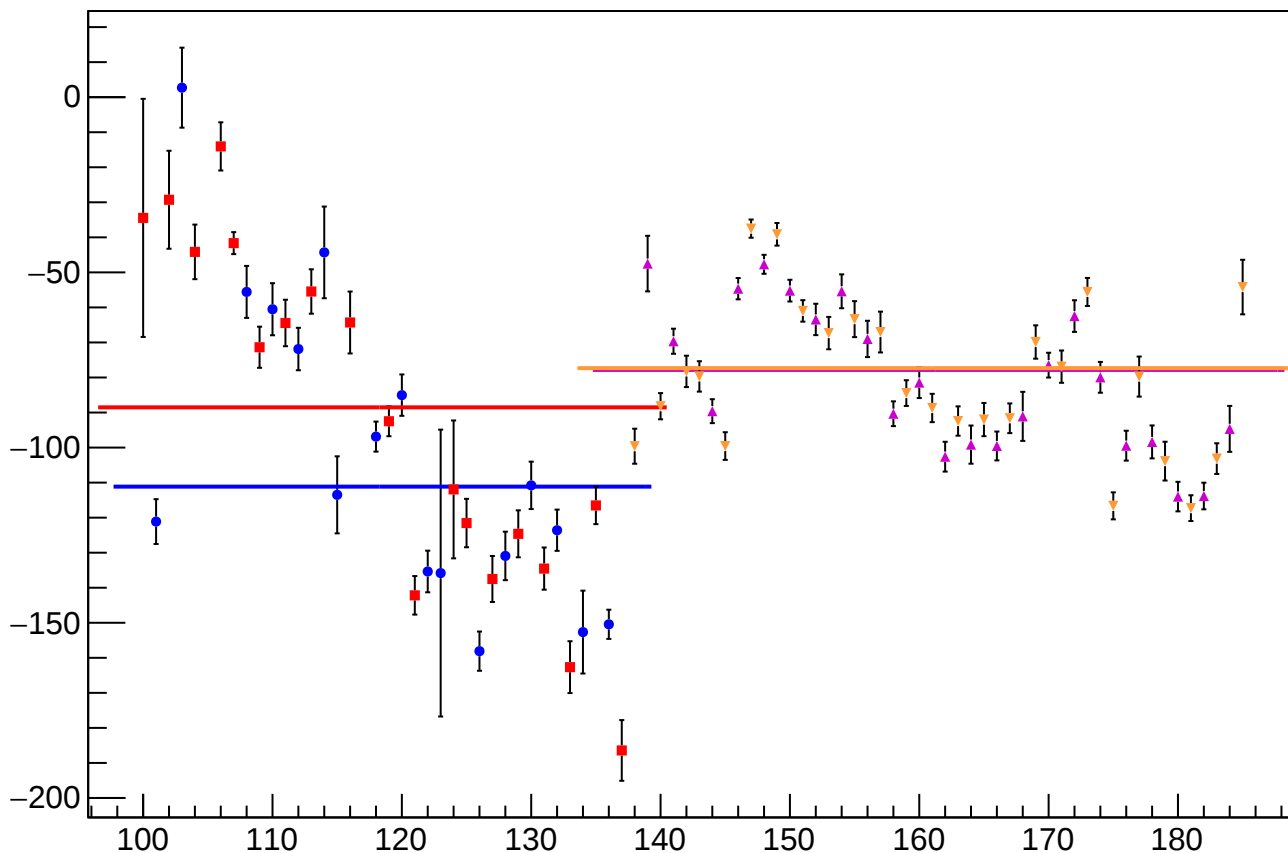
Left In: -223.223+/-0.969 χ^2/NDF : 1269.3/22

+ sign -237.306+/-0.897 χ^2/NDF : 4412.2/41

All: -234.127+/-0.633 χ^2/NDF : 9496.4/83

- sign -230.962+/-0.895 χ^2/NDF : 5059.1/41

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.144 ± 1.601 χ^2/NDF : 504.6/16

Left Out: -77.328 ± 0.827 χ^2/NDF : 845.2/24

Right Out: -88.517 ± 1.435 χ^2/NDF : 968.7/18

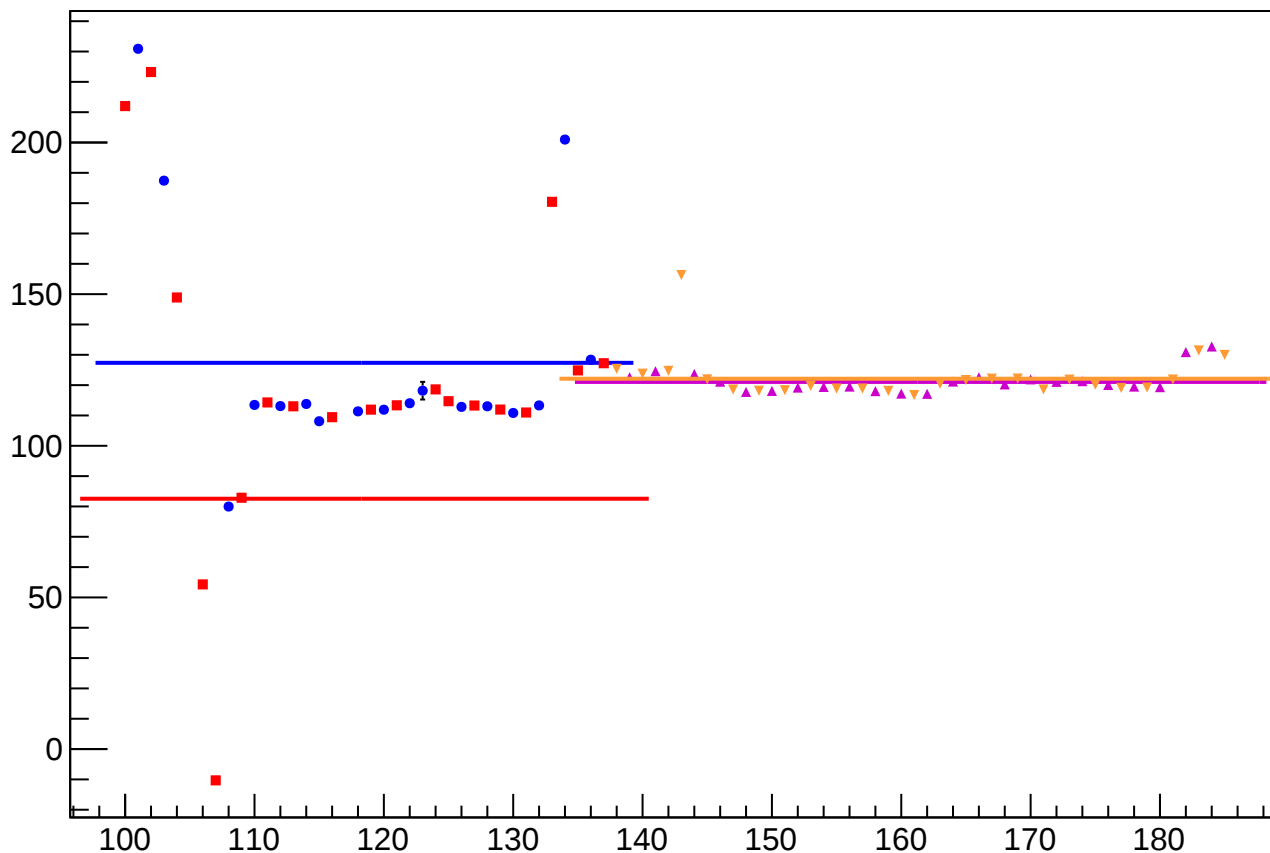
Left In: -77.838 ± 0.849 χ^2/NDF : 622.8/22

+ sign -84.447 ± 0.735 χ^2/NDF : 1702.0/41

All: -82.516 ± 0.518 χ^2/NDF : 3348.3/83

- sign -80.606 ± 0.731 χ^2/NDF : 1632.5/41

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.355 $\pm$ 0.090 χ^2 /NDF: 187728.6/16

Left Out: 122.116 $\pm$ 0.039 χ^2 /NDF:30463.8/24

Right Out: 82.546 $\pm$ 0.075 χ^2 /NDF: 764737.8/18

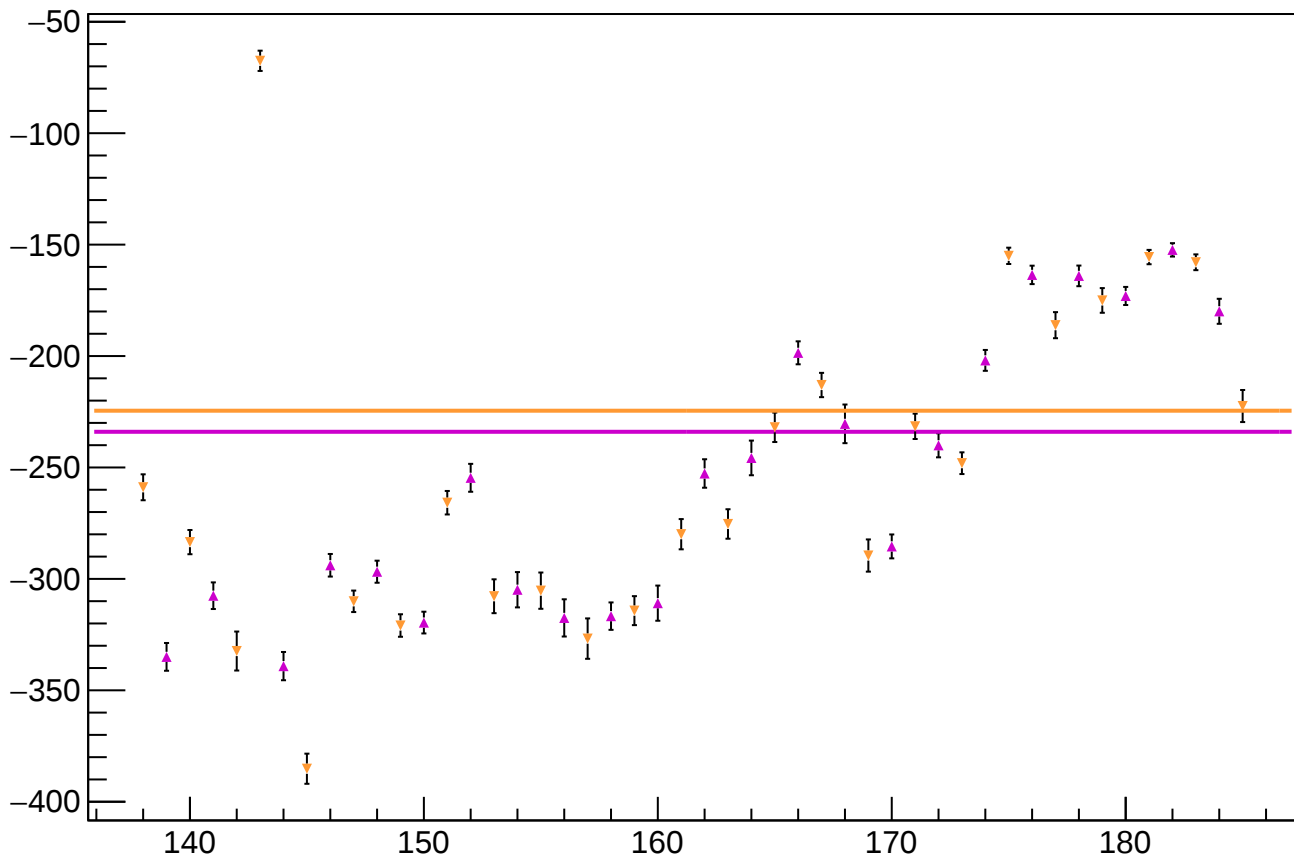
Left In: 121.055 $\pm$ 0.040 χ^2 /NDF:7931.6/22

+ sign 122.966 $\pm$ 0.036 χ^2 /NDF: 221058.8/41

All: 117.695 $\pm$ 0.025 χ^2 /NDF: 1239367.4/83

- sign 112.690 $\pm$ 0.035 χ^2 /NDF: 976691.7/41

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -224.527+/-1.079 χ^2/NDF : 4869.8/24

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

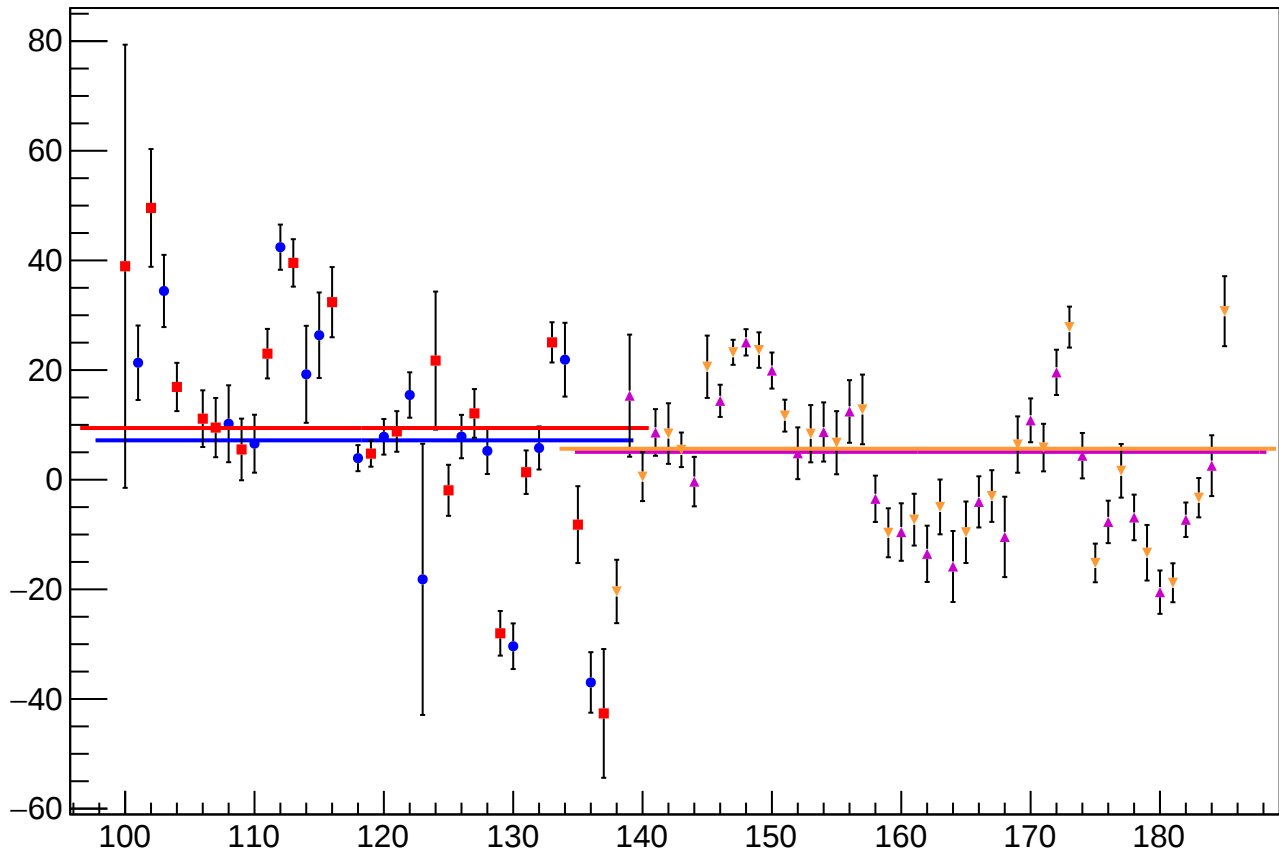
Left In: -233.988+/-1.109 χ^2/NDF : 3538.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.131+/-0.773 χ^2/NDF : 8445.6/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.181 $\pm$ 1.105 χ^2/NDF : 260.1/16

Left Out: 5.649 $\pm$ 0.828 χ^2/NDF : 313.4/24

Right Out: 9.427 $\pm$ 1.073 χ^2/NDF : 232.3/18

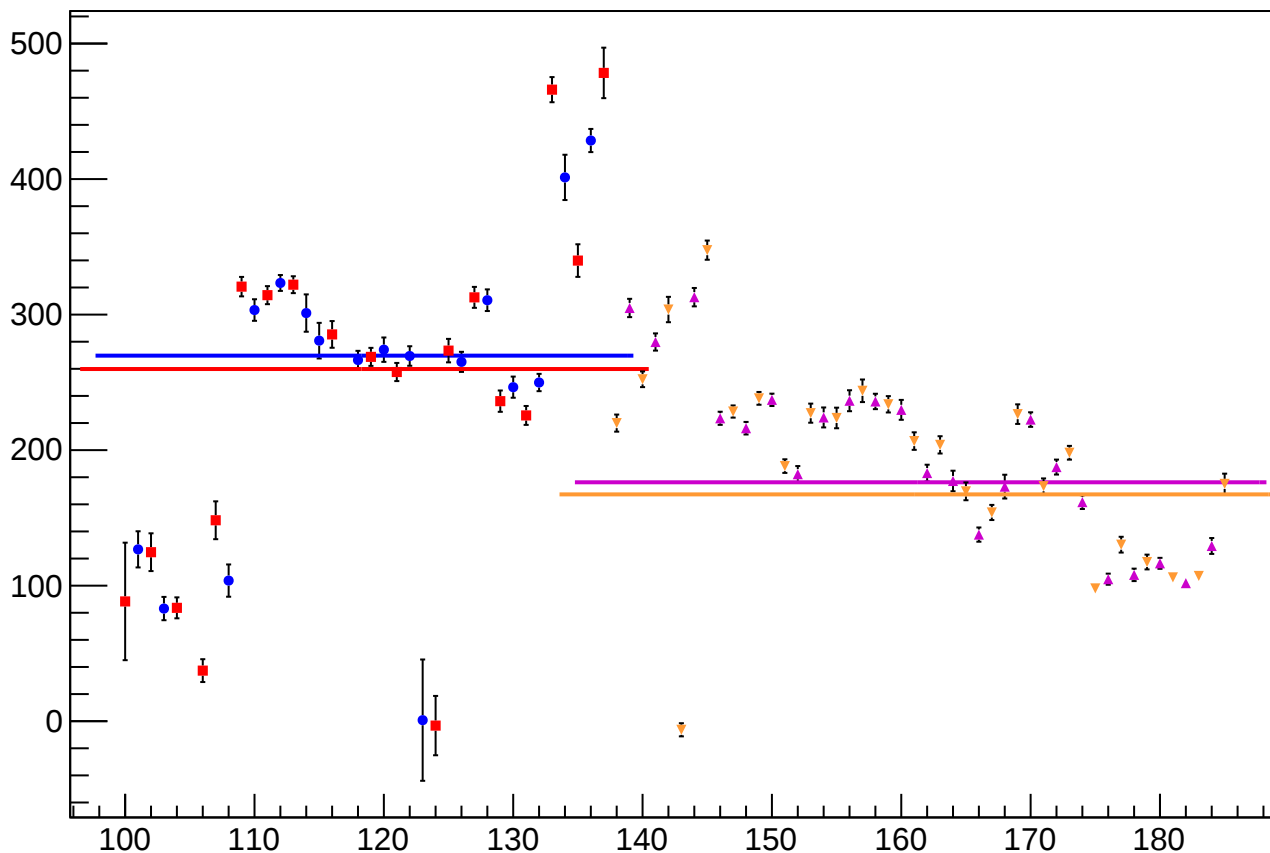
Left In: 5.077 $\pm$ 0.869 χ^2/NDF : 239.7/22

+ sign 6.200 $\pm$ 0.663 χ^2/NDF : 574.7/41

All: 6.494 $\pm$ 0.473 χ^2/NDF : 1057.0/83

- sign 6.800 $\pm$ 0.675 χ^2/NDF : 481.9/41

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.720 $\pm$ 2.094 χ^2 /NDF: 1375.9/16

Left Out: 167.346 $\pm$ 1.083 χ^2 /NDF: 4454.1/24

Right Out: 259.848 $\pm$ 1.981 χ^2 /NDF: 2540.4/18

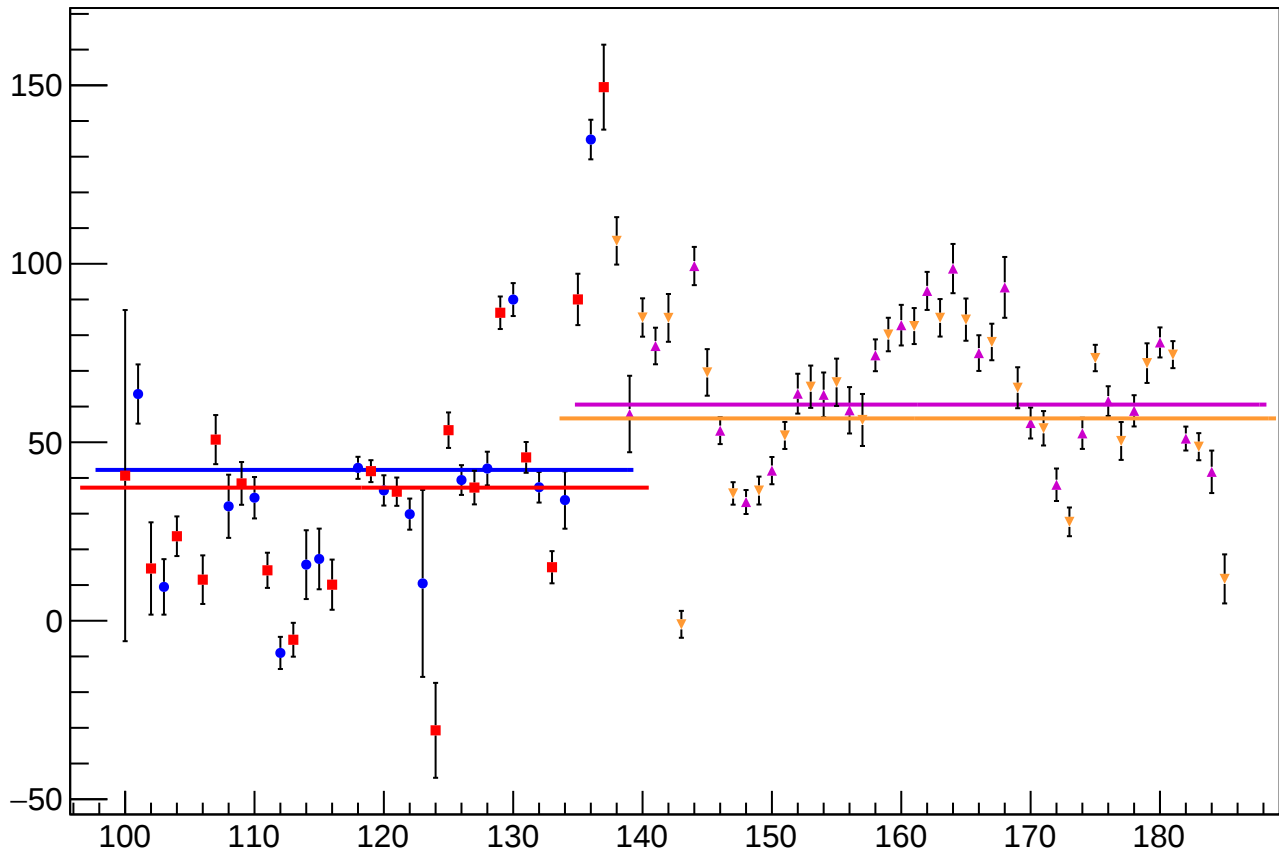
Left In: 176.272 $\pm$ 1.106 χ^2 /NDF: 3169.5/22

+ sign 188.943 $\pm$ 0.962 χ^2 /NDF: 7715.9/41

All: 192.523 $\pm$ 0.681 χ^2 /NDF: 14811.1/83

- sign 196.130 $\pm$ 0.965 χ^2 /NDF: 7067.4/41

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.255 $\pm$ 1.277 χ^2 /NDF: 573.1/16

Left Out: 56.683 $\pm$ 0.952 χ^2 /NDF: 690.6/24

Right Out: 37.288 $\pm$ 1.237 χ^2 /NDF: 470.5/18

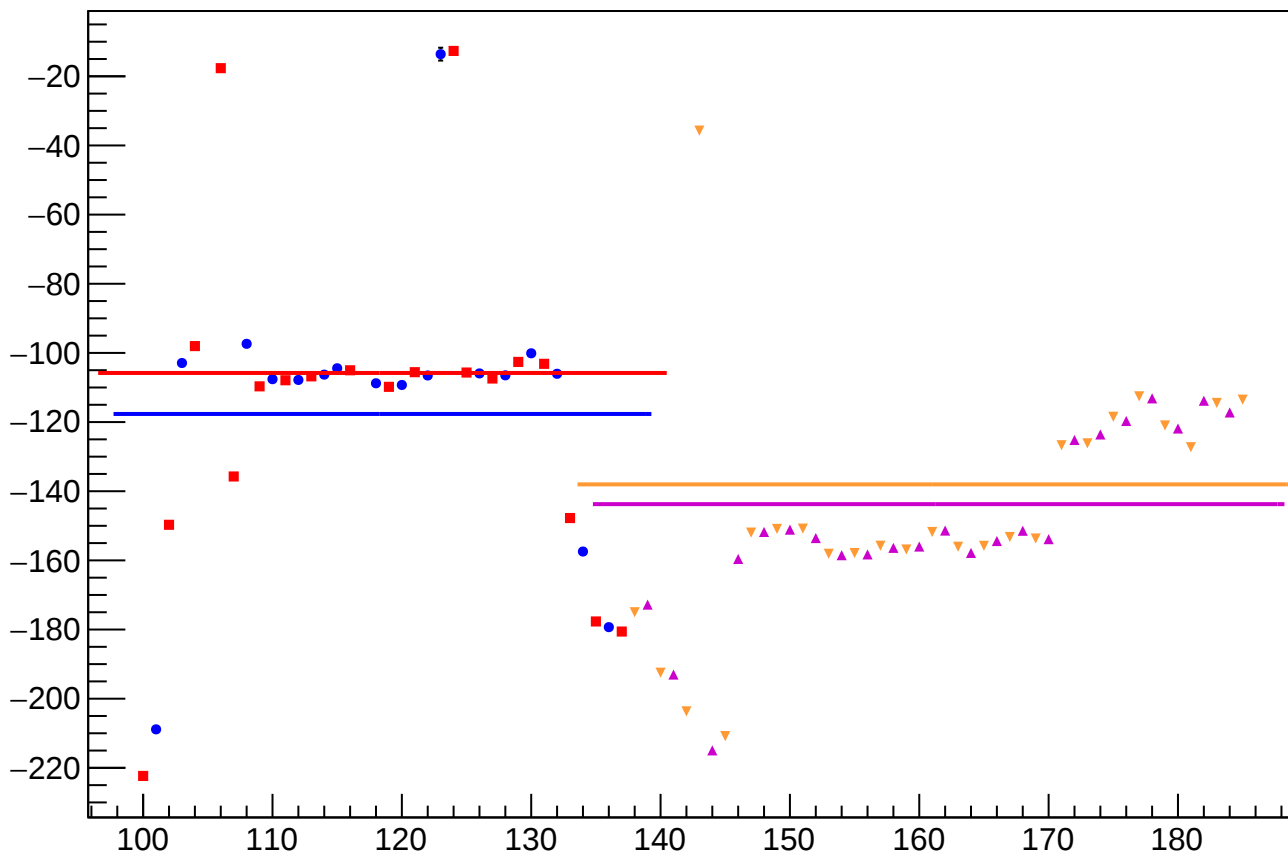
Left In: 60.555 $\pm$ 0.990 χ^2 /NDF: 335.6/22

+ sign 51.528 $\pm$ 0.763 χ^2 /NDF: 1345.8/41

All: 51.499 $\pm$ 0.543 χ^2 /NDF: 2367.6/83

- sign 51.468 $\pm$ 0.773 χ^2 /NDF: 1021.8/41

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.654+/-0.079 χ^2/NDF : 141832.7/16

Left Out: -138.020+/-0.045 χ^2/NDF : 565634.9/24

Right Out: -105.797+/-0.073 χ^2/NDF : 323120.4/18

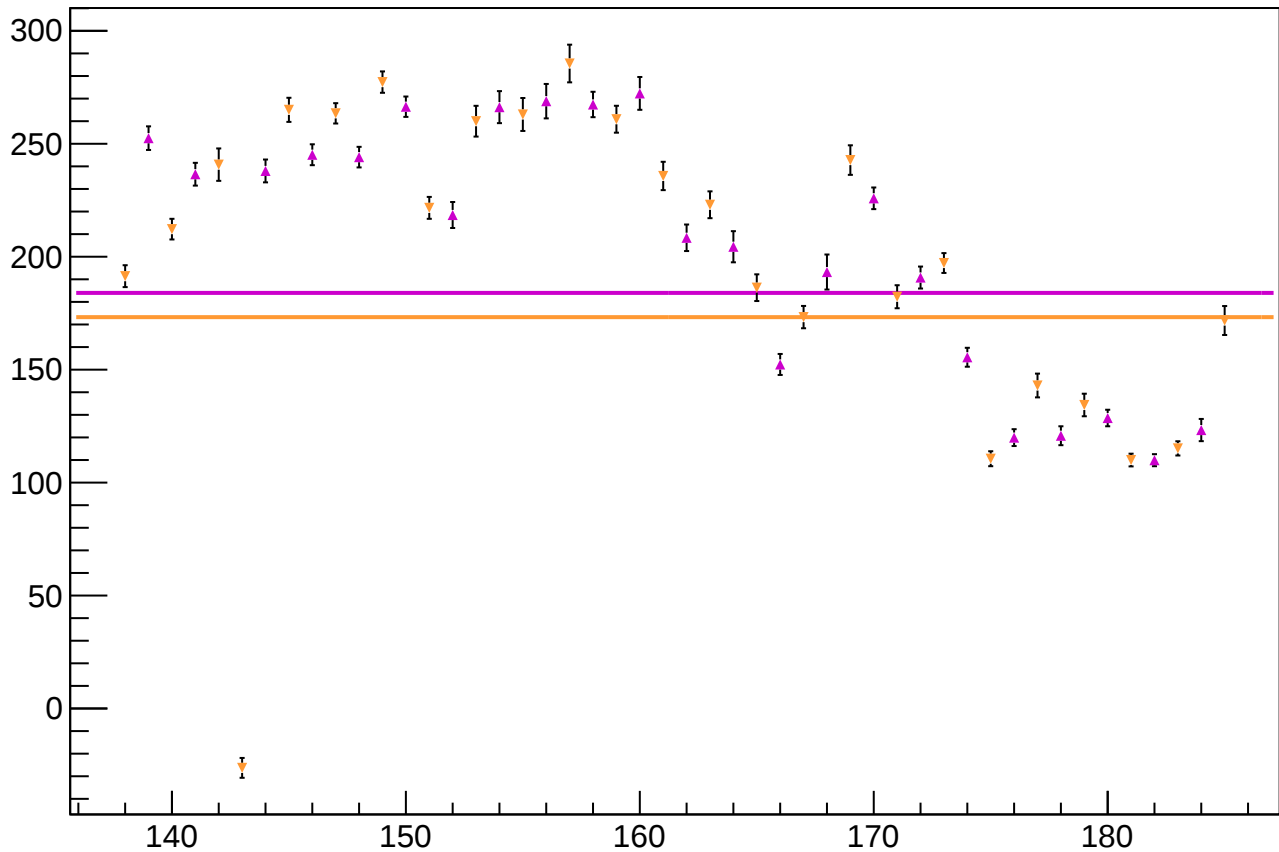
Left In: -143.735+/-0.046 χ^2/NDF : 258408.3/22

+ sign -132.974+/-0.039 χ^2/NDF : 757897.1/41

All: -132.937+/-0.028 χ^2/NDF : 1532858.3/83

- sign -132.900+/-0.039 χ^2/NDF : 774959.4/41

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 173.249+/-0.966 χ^2/NDF : 5845.6/24

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

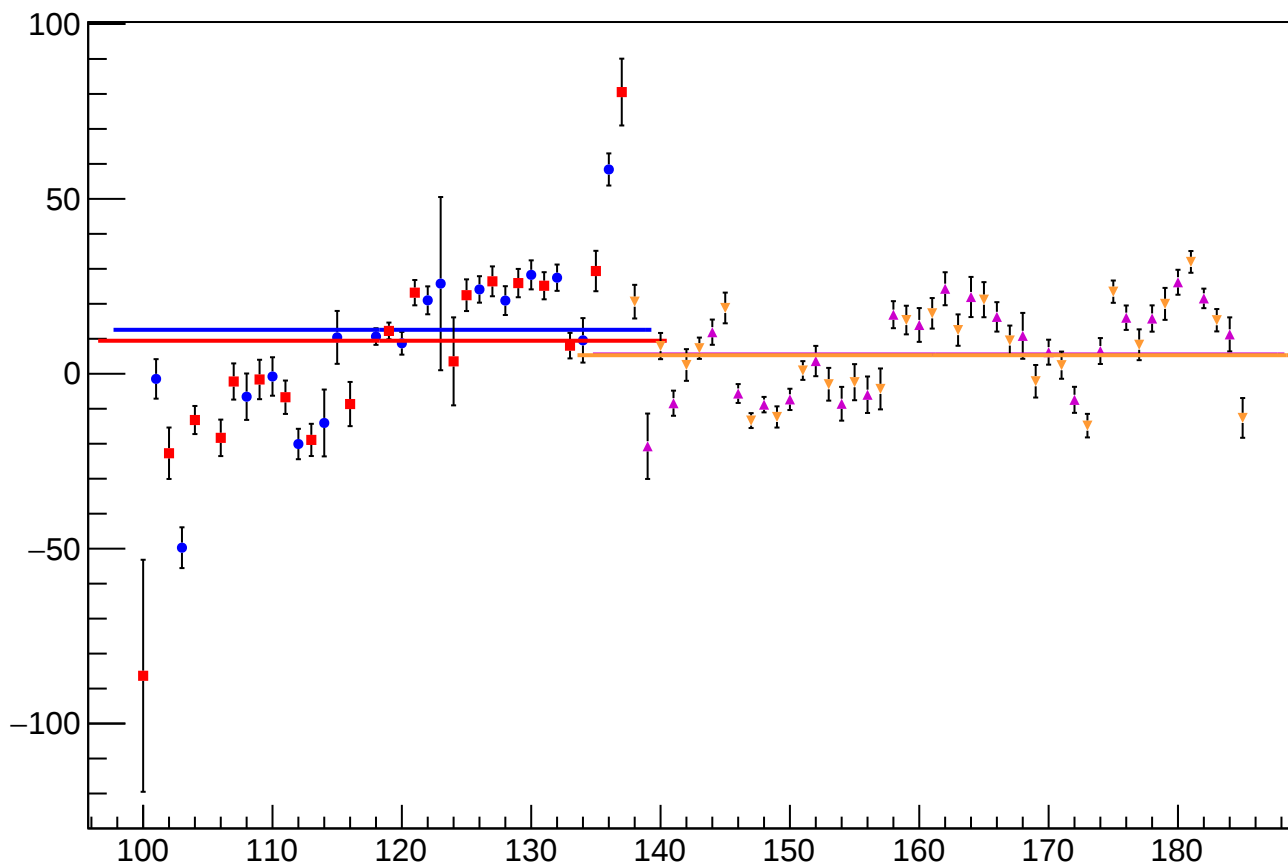
Left In: 183.984+/-0.991 χ^2/NDF : 3613.7/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.479+/-0.692 χ^2/NDF : 9519.4/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.569 ± 1.076 χ^2/NDF : 348.8/16

Left Out: 5.307 ± 0.747 χ^2/NDF : 345.0/24

Right Out: 9.442 ± 1.049 χ^2/NDF : 294.8/18

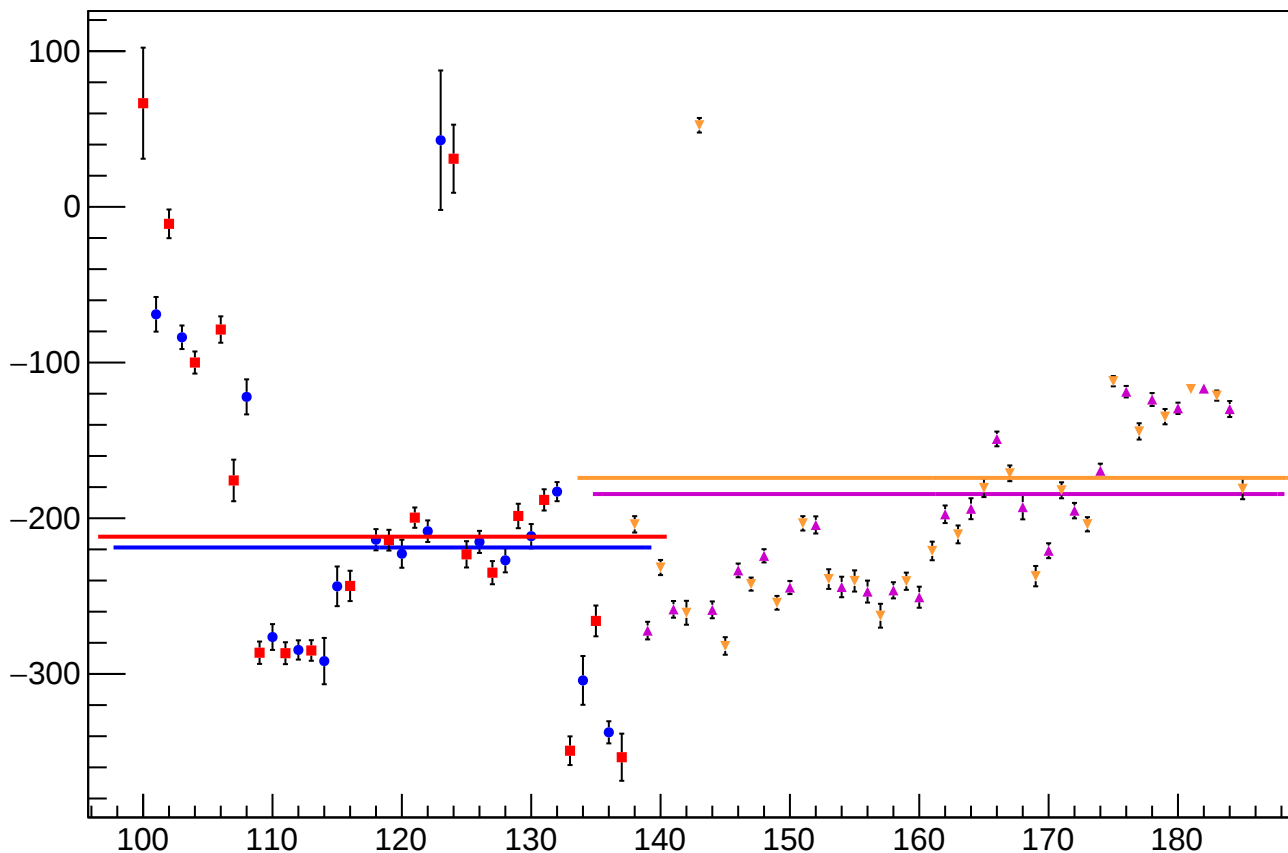
Left In: 5.527 ± 0.781 χ^2/NDF : 256.3/22

+ sign 7.670 ± 0.614 χ^2/NDF : 724.6/41

All: 7.304 ± 0.438 χ^2/NDF : 1285.4/83

- sign 6.923 ± 0.626 χ^2/NDF : 560.1/41

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.764 ± 2.027 $\chi^2/\text{NDF}: 1144.2/16$

Left Out: -174.079 ± 0.971 $\chi^2/\text{NDF}: 5442.8/24$

Right Out: -211.849 ± 1.927 $\chi^2/\text{NDF}: 1884.6/18$

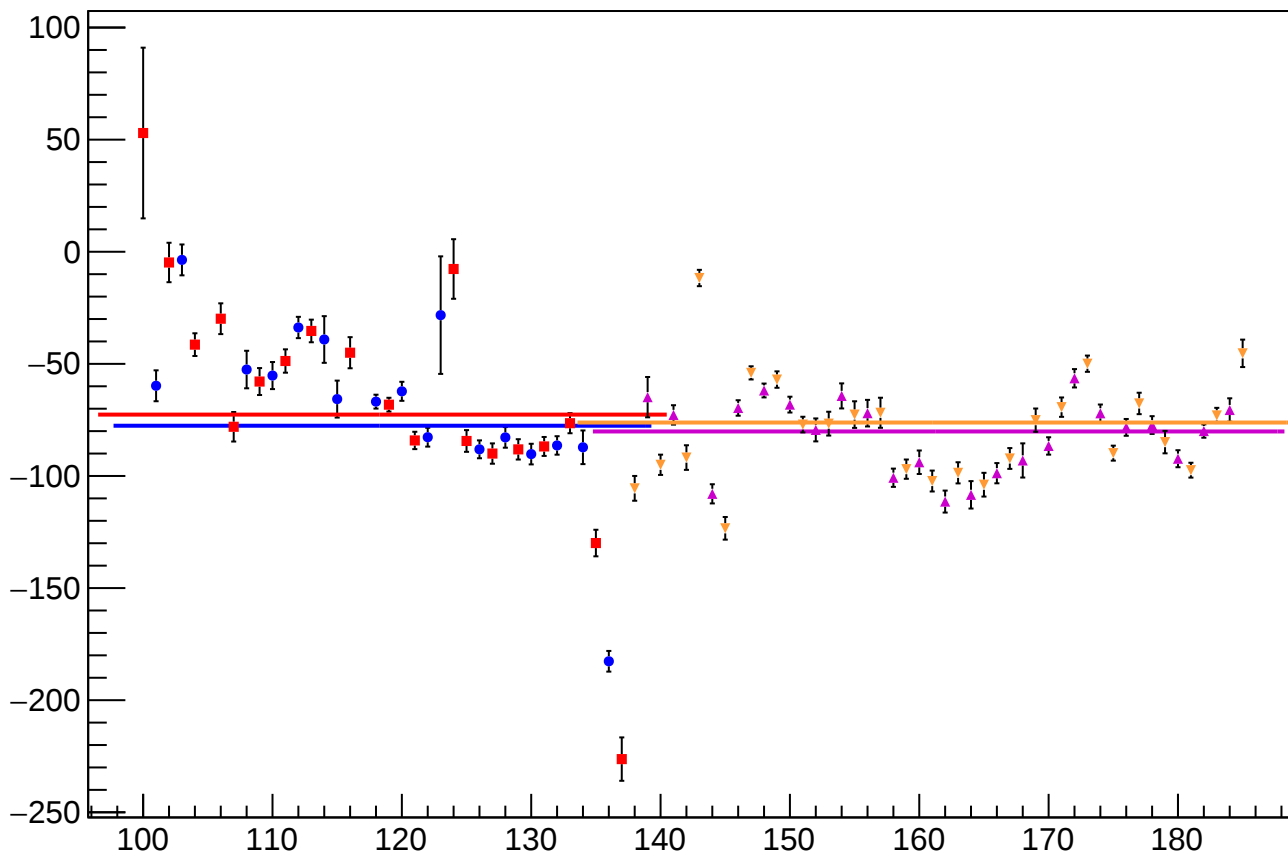
Left In: -184.456 ± 0.991 $\chi^2/\text{NDF}: 3051.6/22$

+ sign -182.420 ± 0.876 $\chi^2/\text{NDF}: 6982.4/41$

All: -186.277 ± 0.621 $\chi^2/\text{NDF}: 12117.4/83$

- sign -190.180 ± 0.881 $\chi^2/\text{NDF}: 5096.0/41$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.591 ± 1.239 χ^2/NDF : 816.4/16

Left Out: -76.164 ± 0.857 χ^2/NDF : 801.1/24

Right Out: -72.629 ± 1.209 χ^2/NDF : 670.2/18

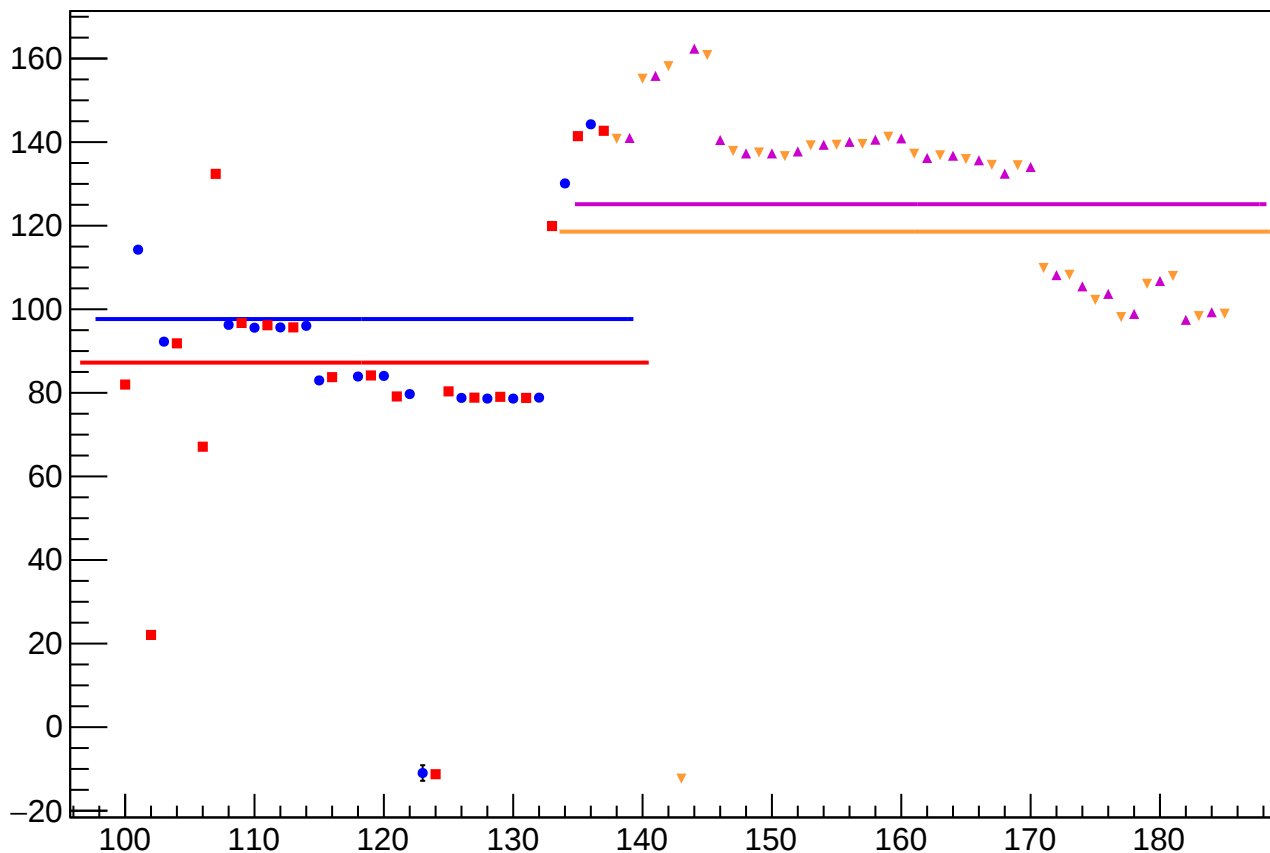
Left In: -80.149 ± 0.889 χ^2/NDF : 283.3/22

+ sign -76.626 ± 0.705 χ^2/NDF : 1618.5/41

All: -77.060 ± 0.502 χ^2/NDF : 2597.8/83

- sign -77.509 ± 0.716 χ^2/NDF : 978.6/41

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.659 $\pm$ 0.074 χ^2 /NDF: 93912.8/16

Left Out: 118.579 $\pm$ 0.041 χ^2 /NDF: 728565.9/24

Right Out: 87.239 $\pm$ 0.068 χ^2 /NDF: 220840.5/18

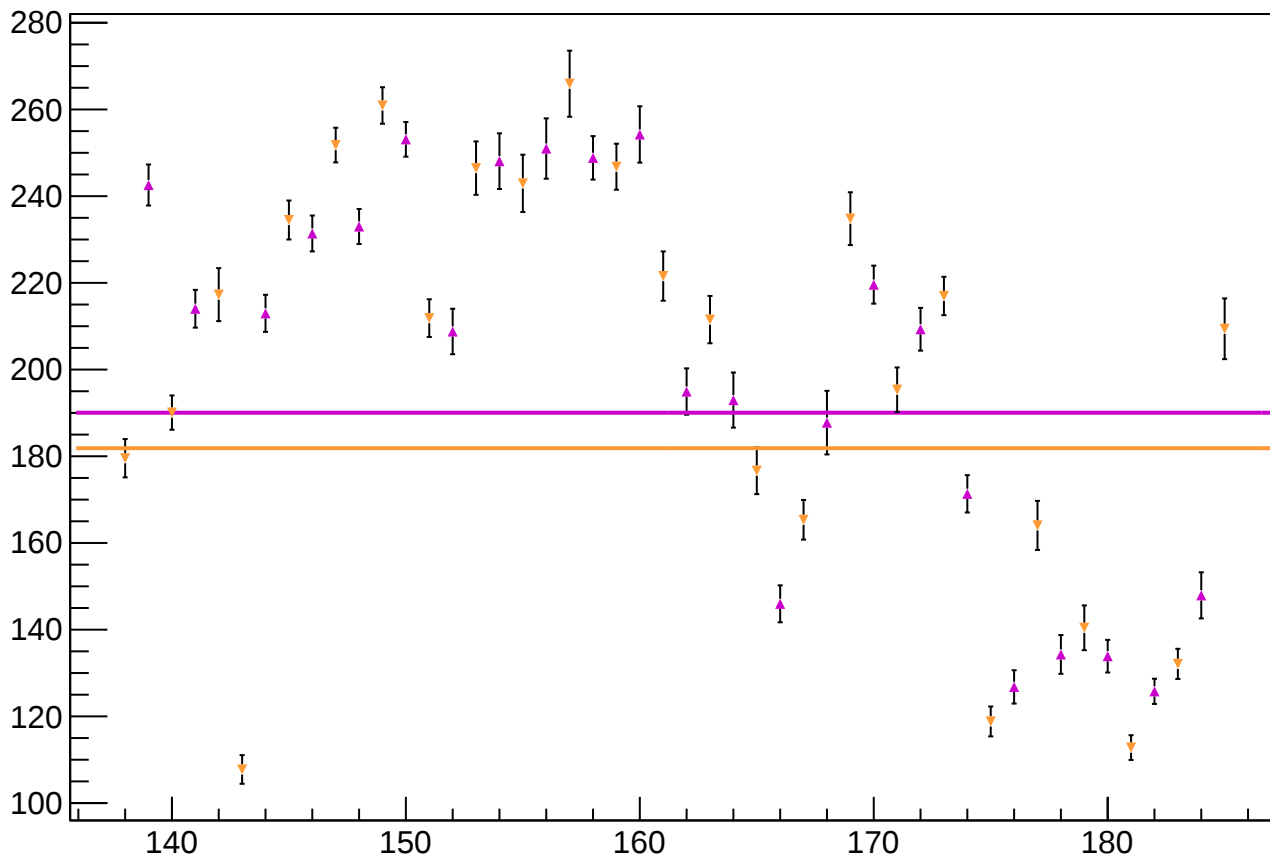
Left In: 125.139 $\pm$ 0.041 χ^2 /NDF: 220927.1/22

+ sign 113.738 $\pm$ 0.036 χ^2 /NDF: 884208.3/41

All: 114.377 $\pm$ 0.025 χ^2 /NDF: 1551897.6/83

- sign 115.009 $\pm$ 0.035 χ^2 /NDF: 667045.9/41

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: 181.860+/-0.914 χ^2/NDF : 3303.4/24

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

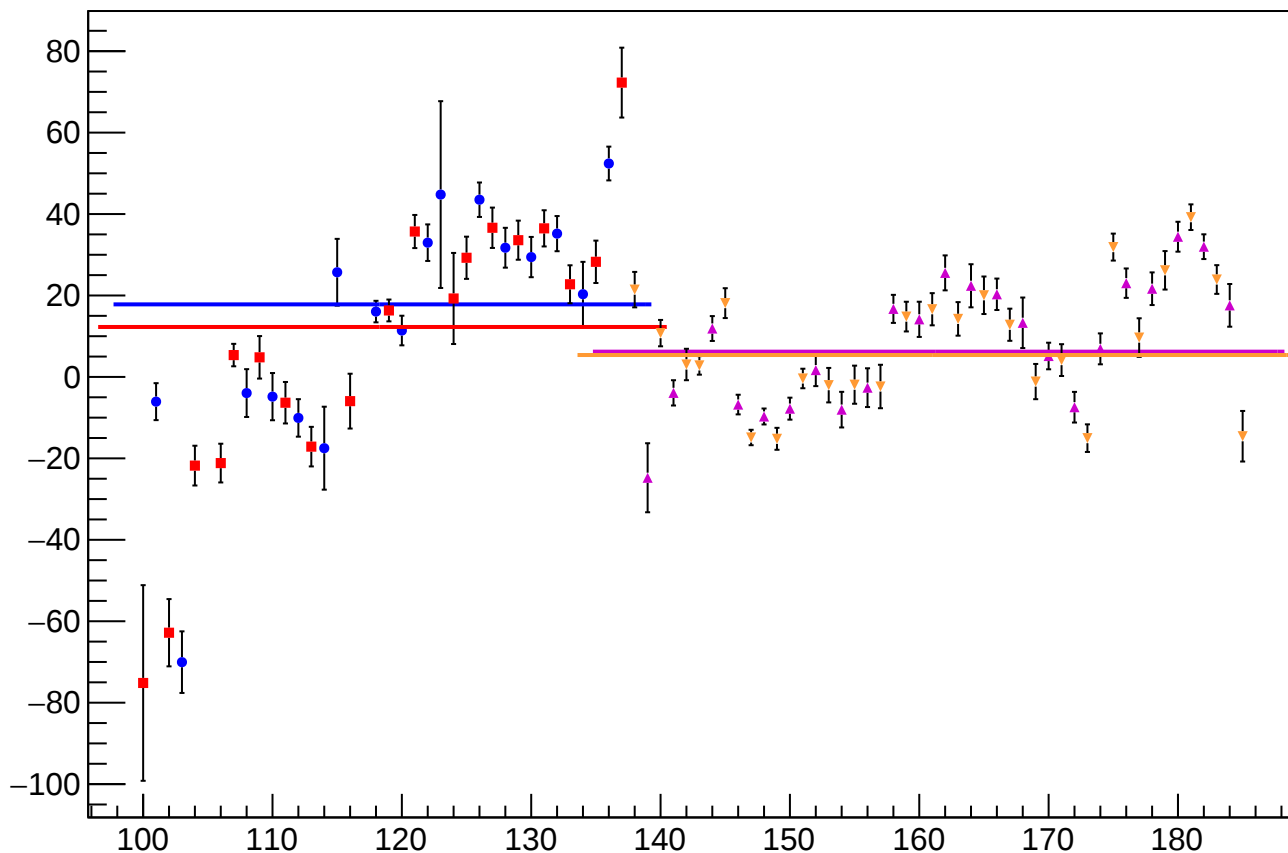
Left In: 190.048+/-0.953 χ^2/NDF : 2438.4/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.781+/-0.659 χ^2/NDF : 5780.3/47

- 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: 17.818 $\pm$ 1.168 χ^2 /NDF: 394.0/16

Left Out: 5.382 $\pm$ 0.688 χ^2 /NDF: 525.6/24

Right Out: 12.267 $\pm$ 1.085 χ^2 /NDF: 443.0/18

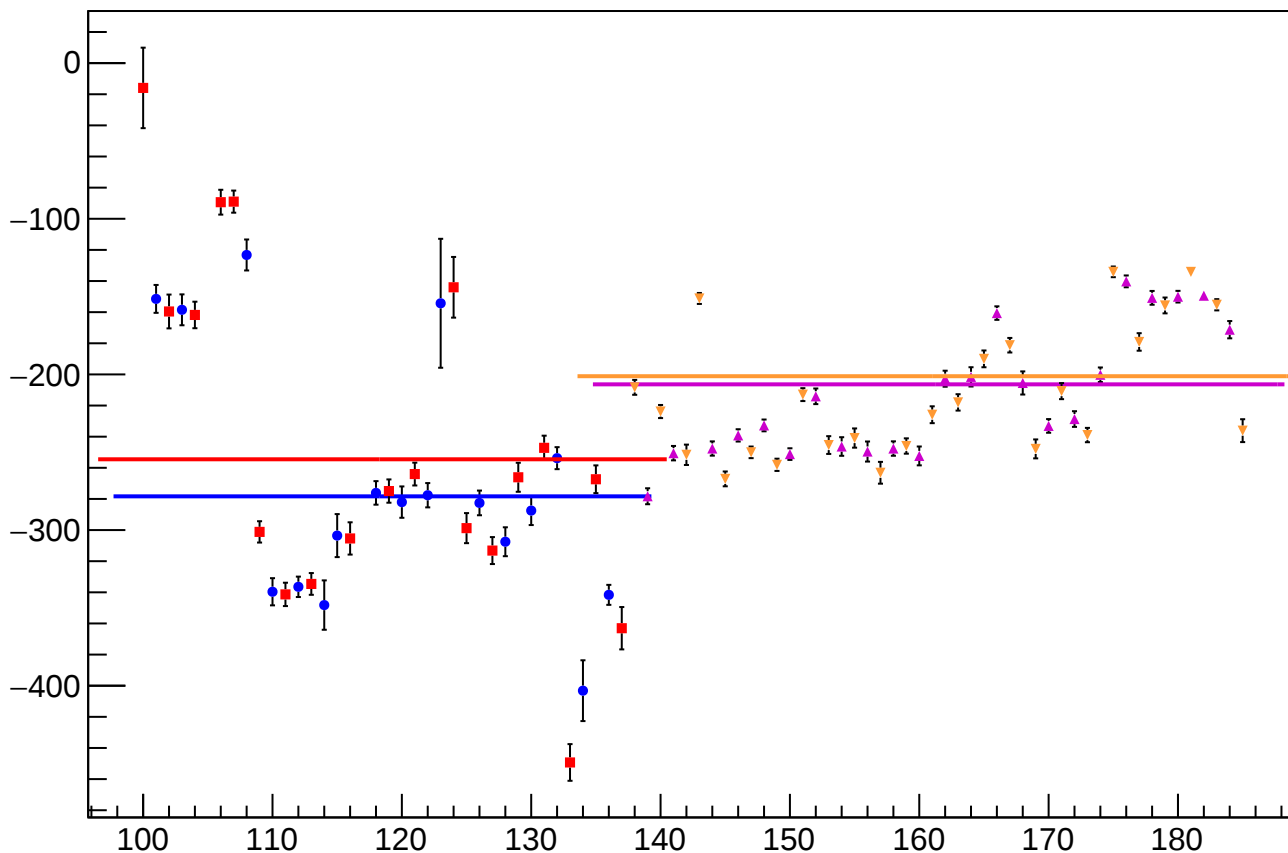
Left In: 6.206 $\pm$ 0.732 χ^2 /NDF: 407.5/22

+ sign 8.585 $\pm$ 0.593 χ^2 /NDF: 1003.8/41

All: 8.349 $\pm$ 0.424 χ^2 /NDF: 1876.1/83

- sign 8.101 $\pm$ 0.607 χ^2 /NDF: 872.0/41

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.336 ± 2.190 χ^2/NDF : 910.1/16

Left Out: -201.152 ± 0.918 χ^2/NDF : 2488.9/24

Right Out: -254.529 ± 2.023 χ^2/NDF : 2036.7/18

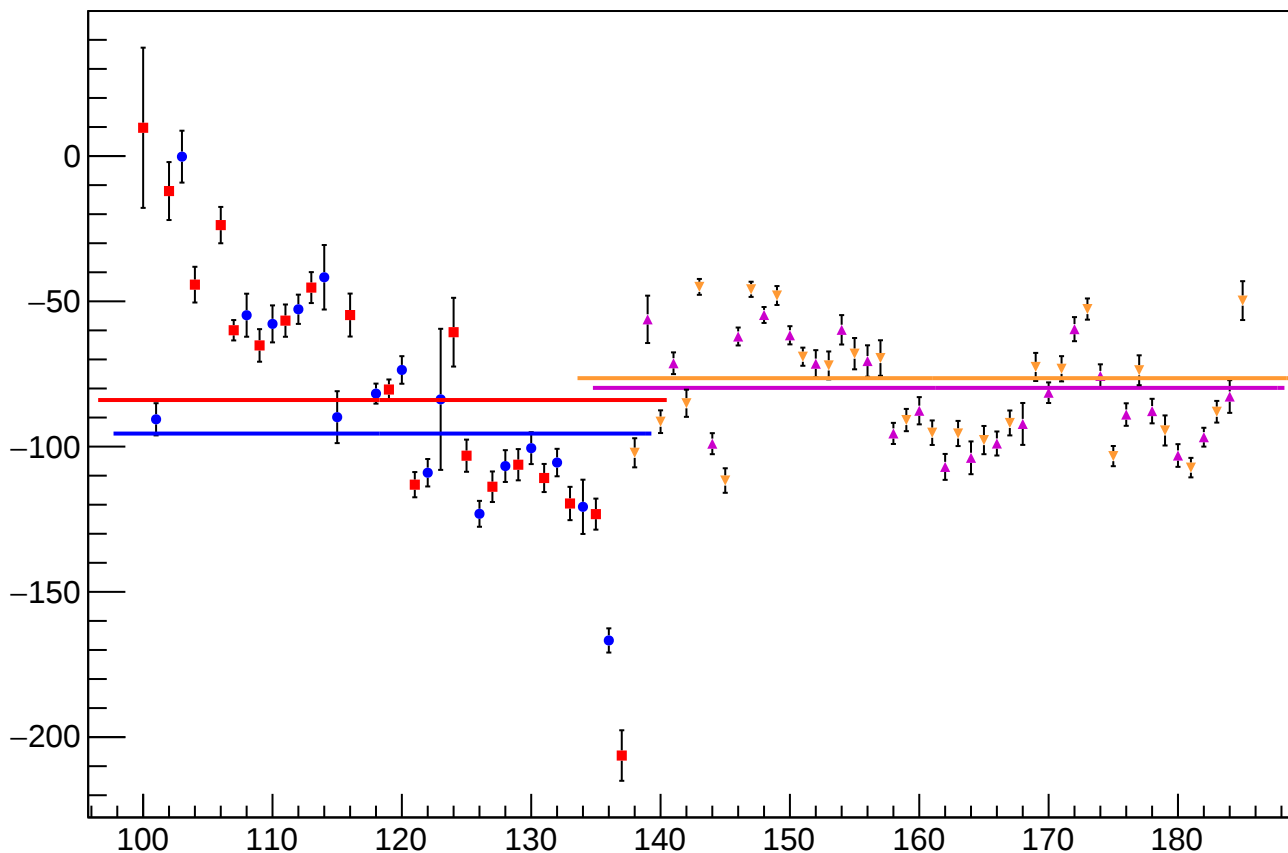
Left In: -206.379 ± 0.950 χ^2/NDF : 2111.6/22

+ sign -212.691 ± 0.847 χ^2/NDF : 4455.8/41

All: -213.864 ± 0.603 χ^2/NDF : 9072.2/83

- sign -215.073 ± 0.860 χ^2/NDF : 4612.5/41

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.515 ± 1.344 χ^2/NDF : 669.2/16

Left Out: -76.444 ± 0.797 χ^2/NDF : 780.8/24

Right Out: -83.971 ± 1.259 χ^2/NDF : 781.5/18

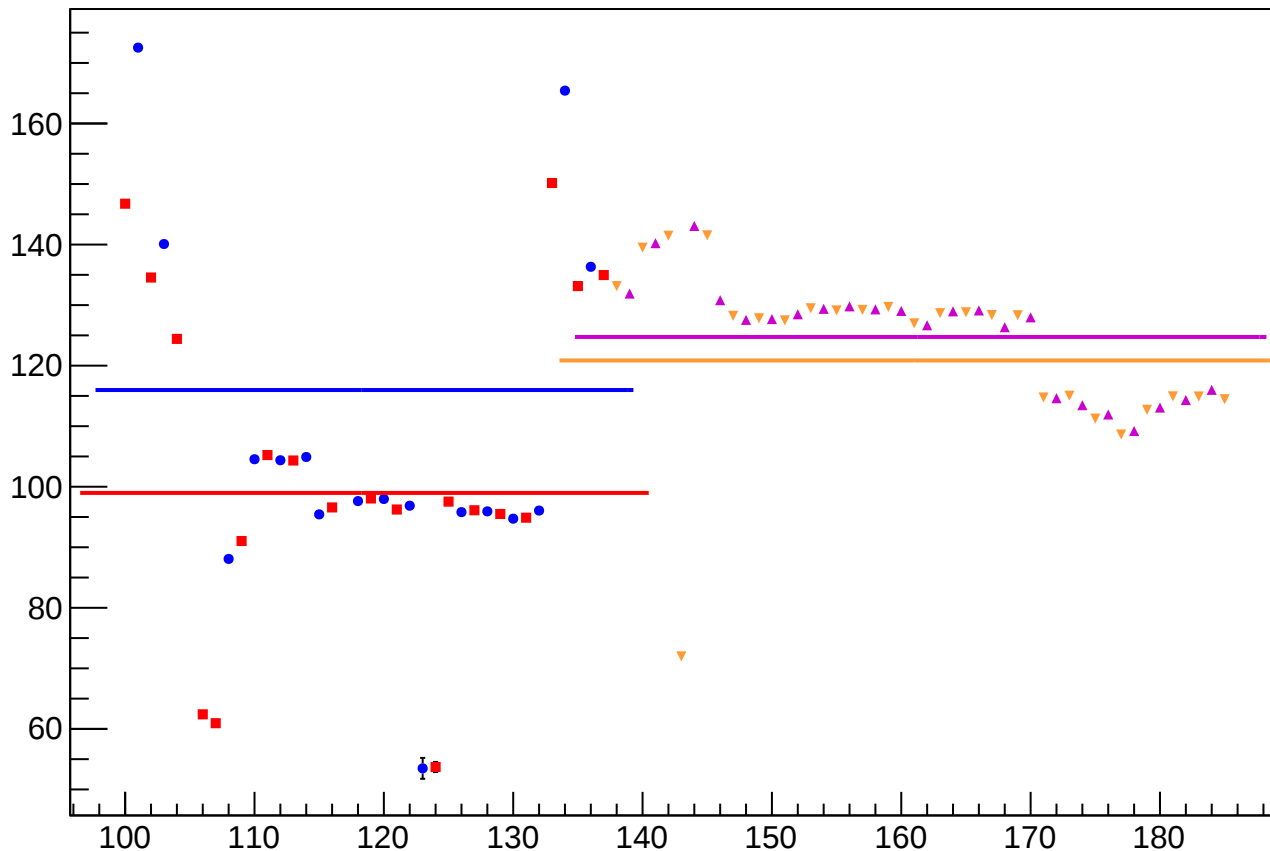
Left In: -79.792 ± 0.840 χ^2/NDF : 412.3/22

+ sign -81.405 ± 0.685 χ^2/NDF : 1599.1/41

All: -81.245 ± 0.489 χ^2/NDF : 2800.6/83

- sign -81.079 ± 0.699 χ^2/NDF : 1201.4/41

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.974 $\pm$ 0.079 χ^2 /NDF: 105656.7/16

Left Out: 120.857 $\pm$ 0.038 χ^2 /NDF:182751.1/24

Right Out: 98.981 $\pm$ 0.069 χ^2 /NDF: 172977.7/18

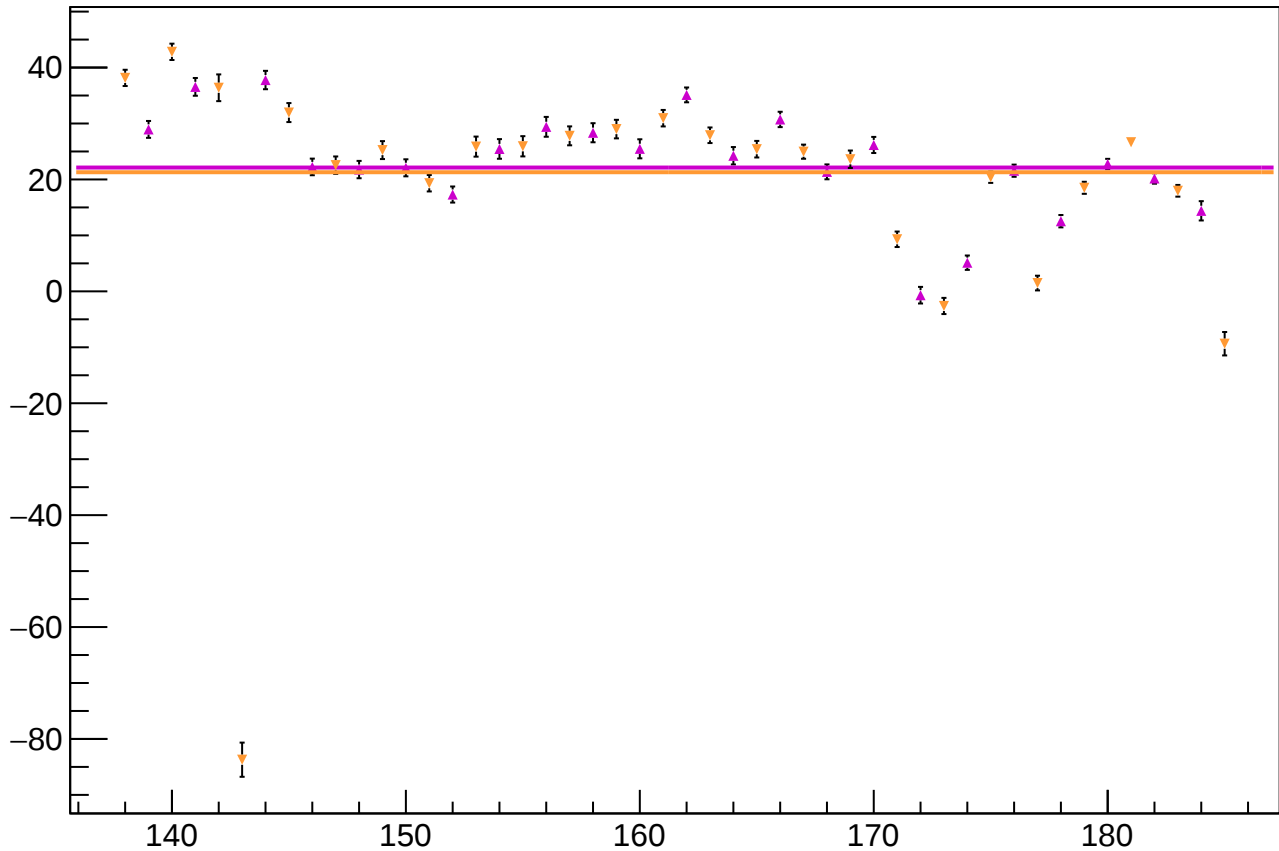
Left In: 124.738 $\pm$ 0.039 χ^2 /NDF:51298.3/22

+ sign 119.928 $\pm$ 0.034 χ^2 /NDF: 291539.1/41

All: 119.154 $\pm$ 0.024 χ^2 /NDF: 623002.8/83

- sign 118.388 $\pm$ 0.034 χ^2 /NDF: 330446.9/41

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: 21.291+/-0.283 χ^2/NDF :2599.8/24

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

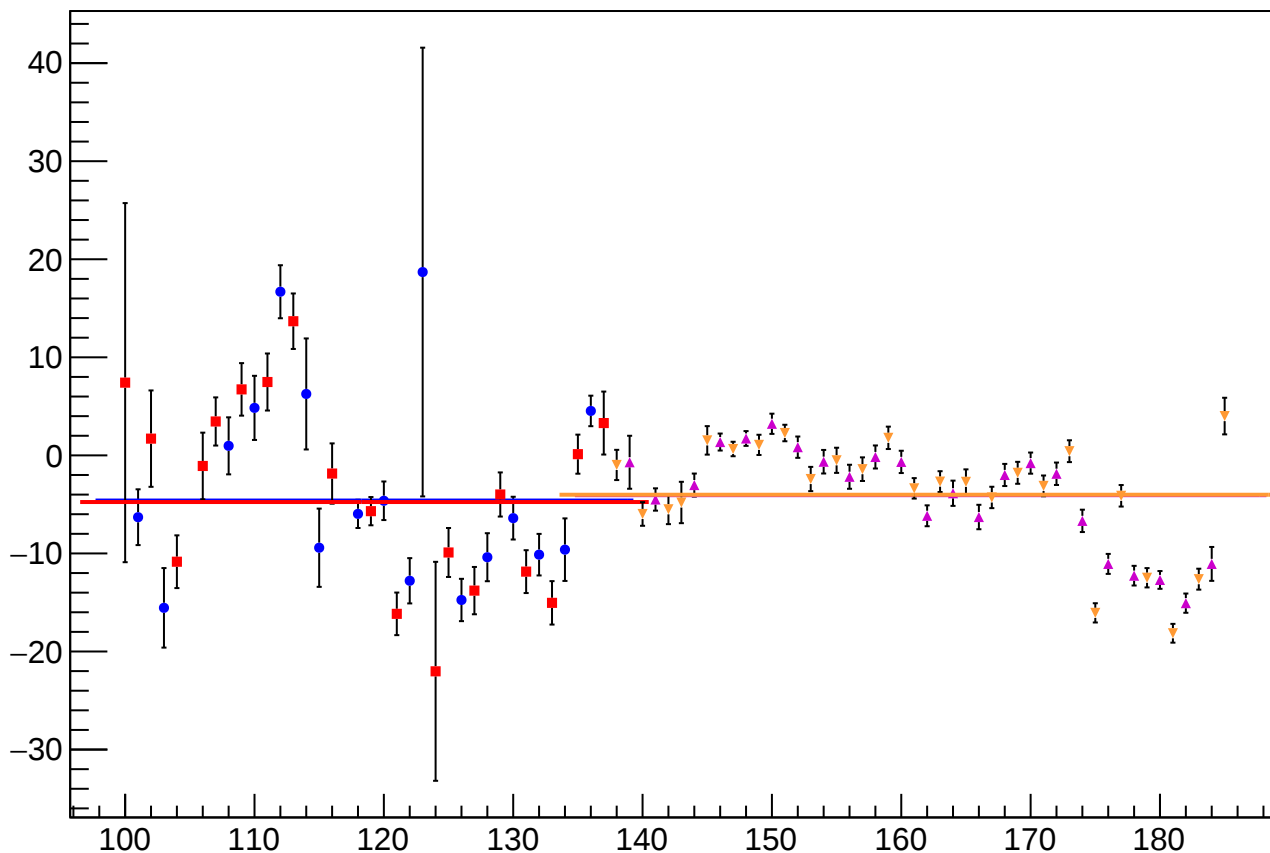
Left In: 22.127+/-0.285 χ^2/NDF :900.2/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.704+/-0.201 χ^2/NDF : 3504.4/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.606 ± 0.589 χ^2/NDF : 173.4/16

Left Out: -4.014 ± 0.223 χ^2/NDF : 731.7/24

Right Out: -4.758 ± 0.585 χ^2/NDF : 192.3/18

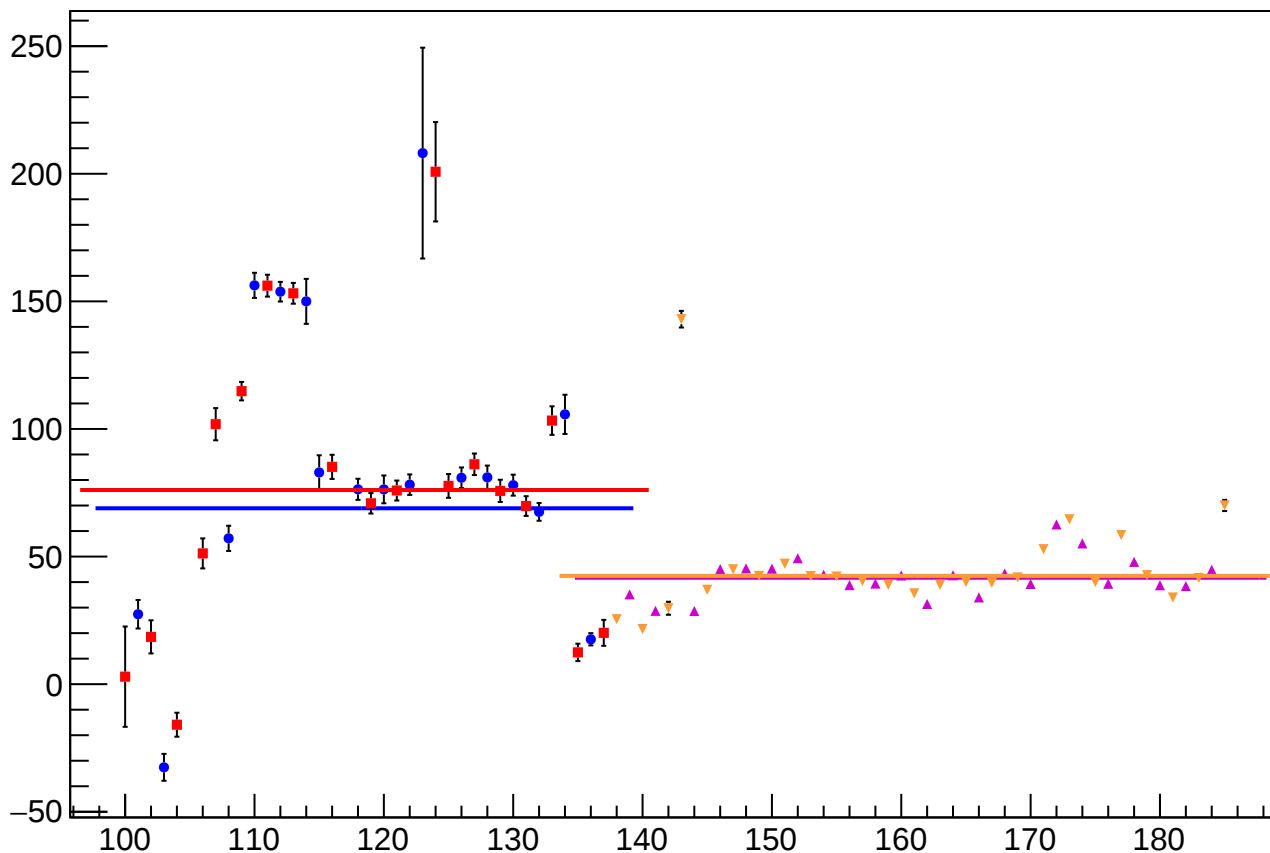
Left In: -4.059 ± 0.228 χ^2/NDF : 577.2/22

+ sign -4.089 ± 0.209 χ^2/NDF : 906.0/41

All: -4.119 ± 0.149 χ^2/NDF : 1676.8/83

- sign -4.151 ± 0.212 χ^2/NDF : 770.8/41

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 68.921+/-1.086 χ^2 /NDF: 1844.0/16

Left Out: 42.446+/-0.282 χ^2 /NDF: 2016.1/24

Right Out: 76.086+/-1.072 χ^2 /NDF: 1881.7/18

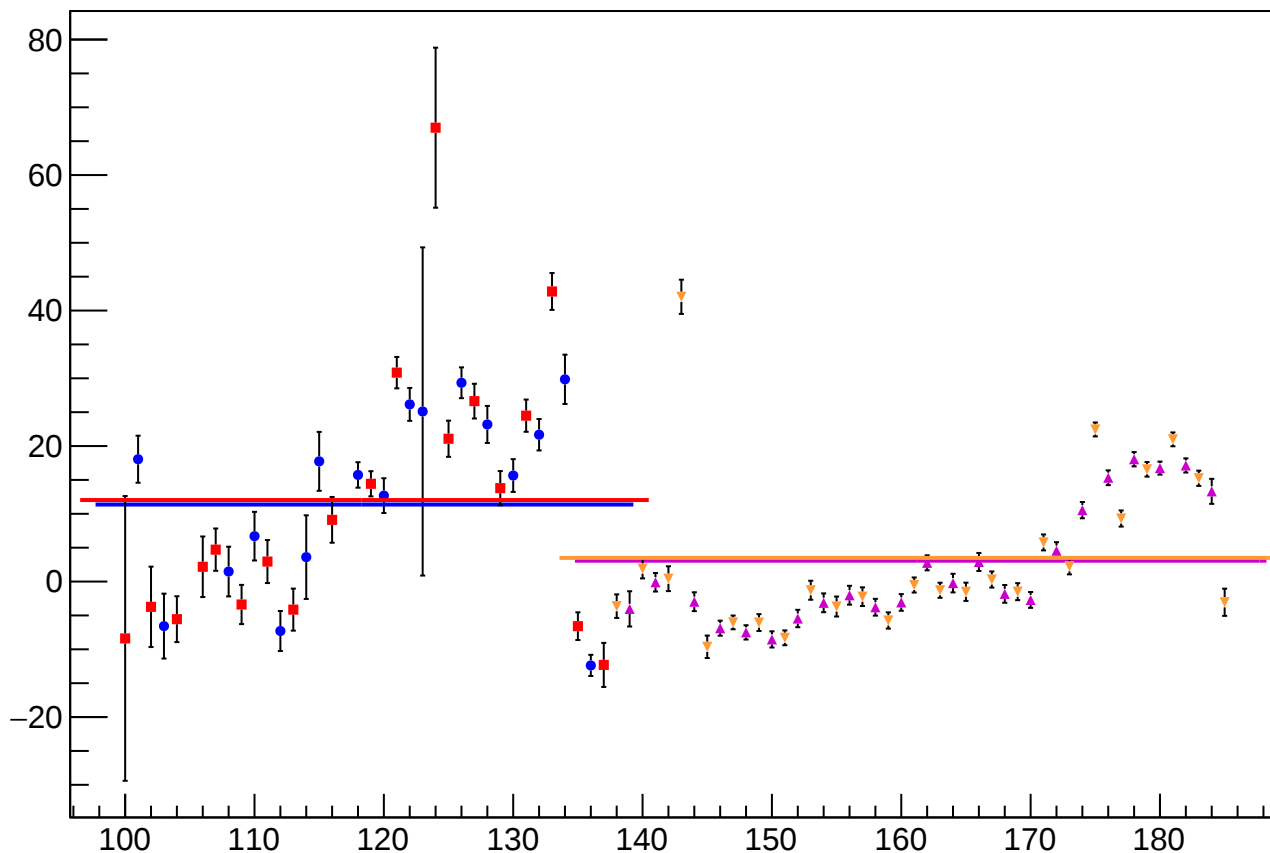
Left In: 41.695+/-0.284 χ^2 /NDF: 630.2/22

+ sign 44.119+/-0.273 χ^2 /NDF: 4417.1/41

All: 44.037+/-0.194 χ^2 /NDF: 7891.1/83

- sign 43.953+/-0.275 χ^2 /NDF: 3473.8/41

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.369 $\pm$ 0.667 χ^2 /NDF: 474.4/16

Left Out: 3.494 $\pm$ 0.252 χ^2 /NDF: 1687.5/24

Right Out: 12.033 $\pm$ 0.665 χ^2 /NDF: 537.8/18

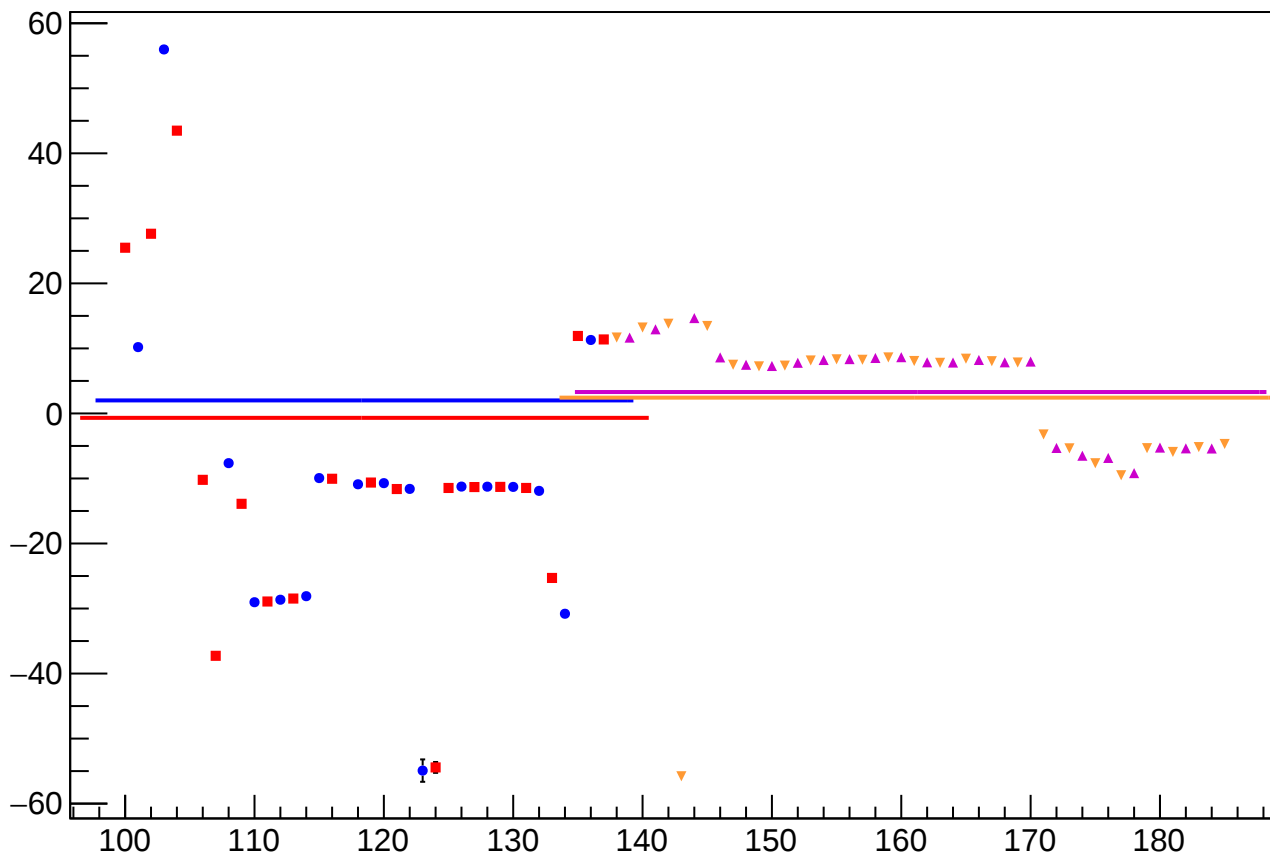
Left In: 3.081 $\pm$ 0.257 χ^2 /NDF: 1265.7/22

+ sign 4.480 $\pm$ 0.236 χ^2 /NDF: 2283.8/41

All: 4.364 $\pm$ 0.168 χ^2 /NDF: 4245.3/83

- sign 4.244 $\pm$ 0.240 χ^2 /NDF: 1961.0/41

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 2.002 ± 0.037 χ^2/NDF : 357872.4/16

Left Out: 2.429 ± 0.012 χ^2/NDF : 616204.1/24

Right Out: -0.678 ± 0.037 χ^2/NDF : 360956.7/18

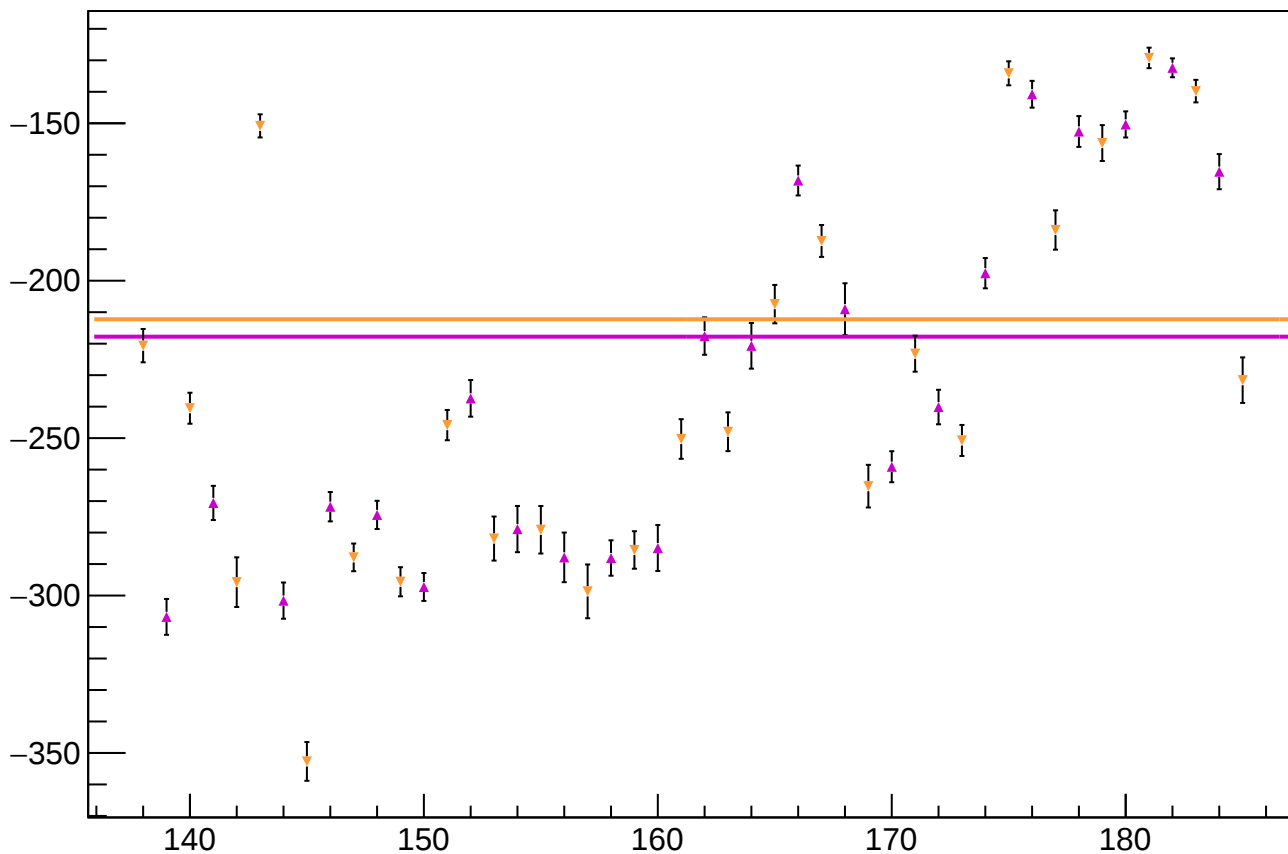
Left In: 3.293 ± 0.012 χ^2/NDF : 404323.8/22

+ sign 2.391 ± 0.011 χ^2/NDF : 974196.3/41

All: 2.662 ± 0.008 χ^2/NDF : 1751081.4/83

- sign 2.937 ± 0.011 χ^2/NDF : 775672.2/41

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



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

Left Out: -212.250 ± 1.030 χ^2/NDF : 3875.2/24

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

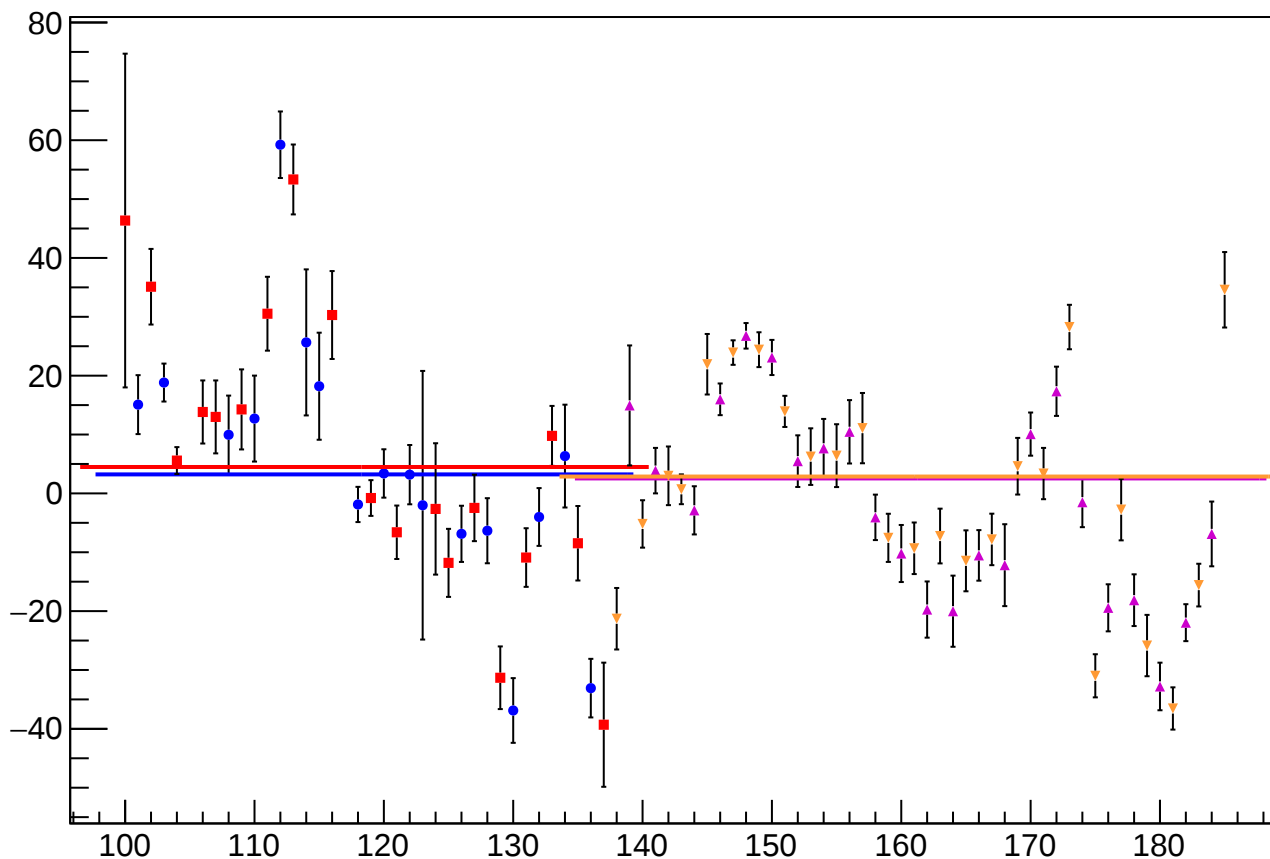
Left In: -217.779 ± 1.067 χ^2/NDF : 3448.9/22

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -214.917 ± 0.741 χ^2/NDF : 7338.0/47

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.227 ± 1.246 χ^2/NDF : 255.1/16

Left Out: 2.862 ± 0.775 χ^2/NDF : 581.3/24

Right Out: 4.485 ± 1.158 χ^2/NDF : 225.1/18

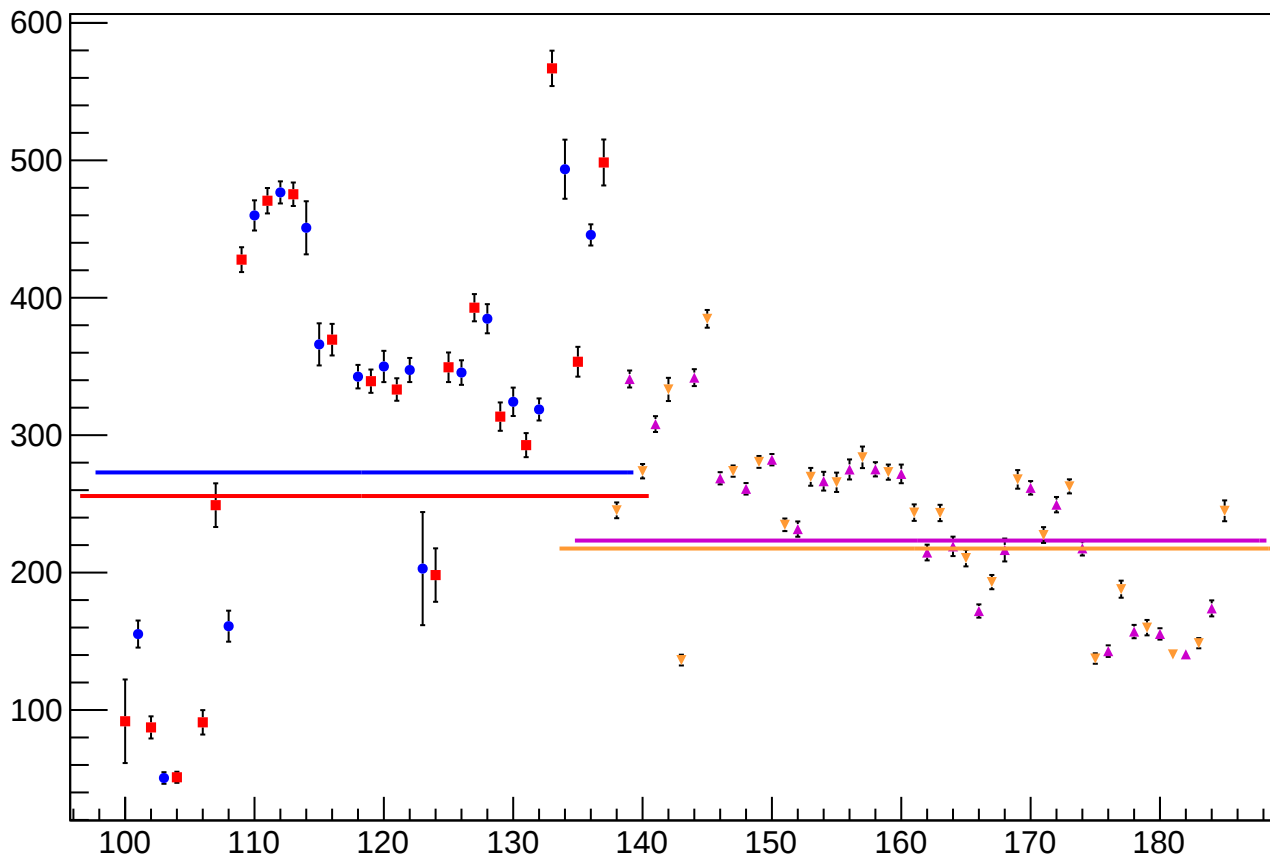
Left In: 2.540 ± 0.822 χ^2/NDF : 473.6/22

+ sign 2.964 ± 0.658 χ^2/NDF : 836.4/41

All: 3.076 ± 0.470 χ^2/NDF : 1537.1/83

- sign 3.192 ± 0.671 χ^2/NDF : 700.6/41

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 272.880 ± 2.208 χ^2/NDF : 5091.5/16

Left Out: 217.498 ± 1.033 χ^2/NDF : 3769.7/24

Right Out: 255.714 ± 2.082 χ^2/NDF : 6433.2/18

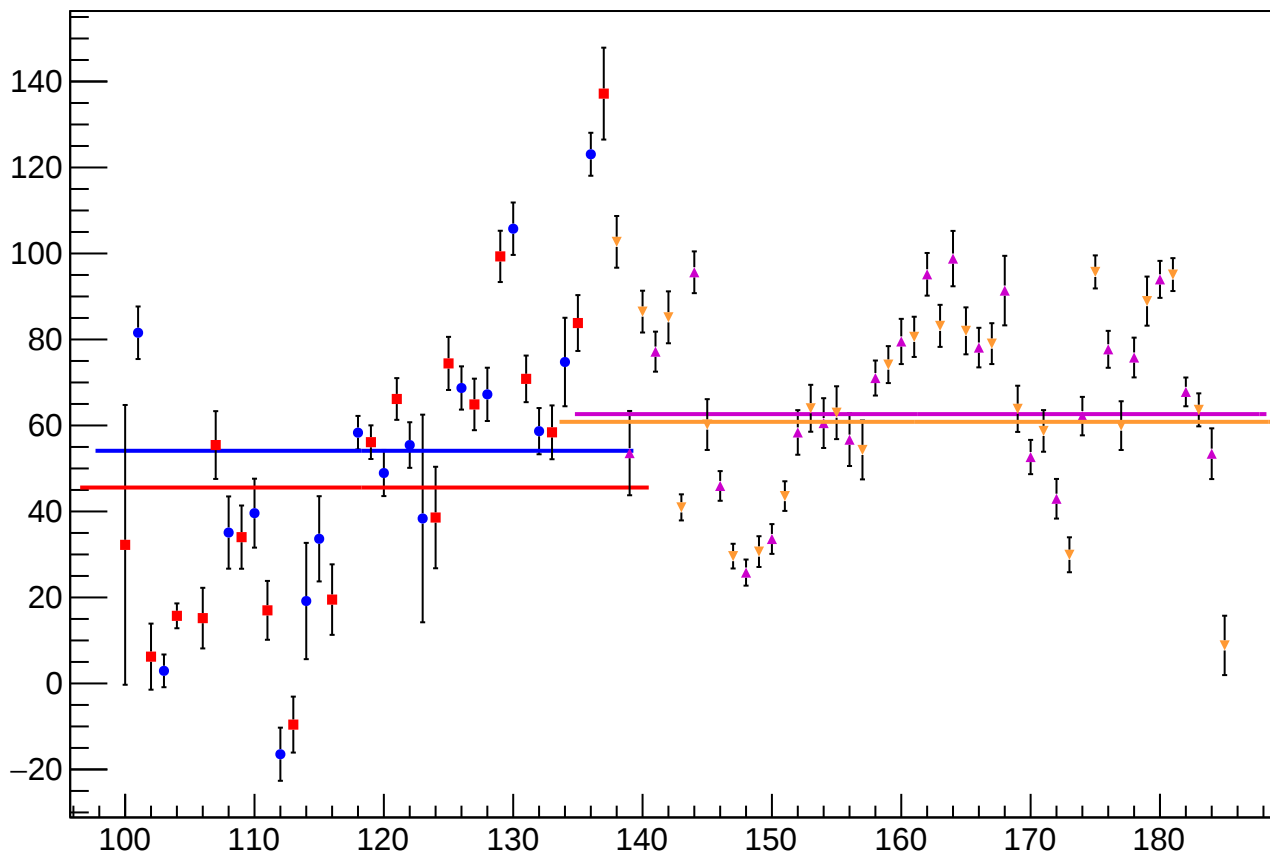
Left In: 223.309 ± 1.062 χ^2/NDF : 3378.0/22

+ sign 227.434 ± 0.935 χ^2/NDF : 9377.2/41

All: 228.700 ± 0.665 χ^2/NDF : 19384.2/83

- sign 229.996 ± 0.946 χ^2/NDF : 10003.3/41

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.110 $\pm$ 1.441 χ^2 /NDF: 633.3/16

Left Out: 60.844 $\pm$ 0.897 χ^2 /NDF: 731.5/24

Right Out: 45.566 $\pm$ 1.359 χ^2 /NDF: 528.2/18

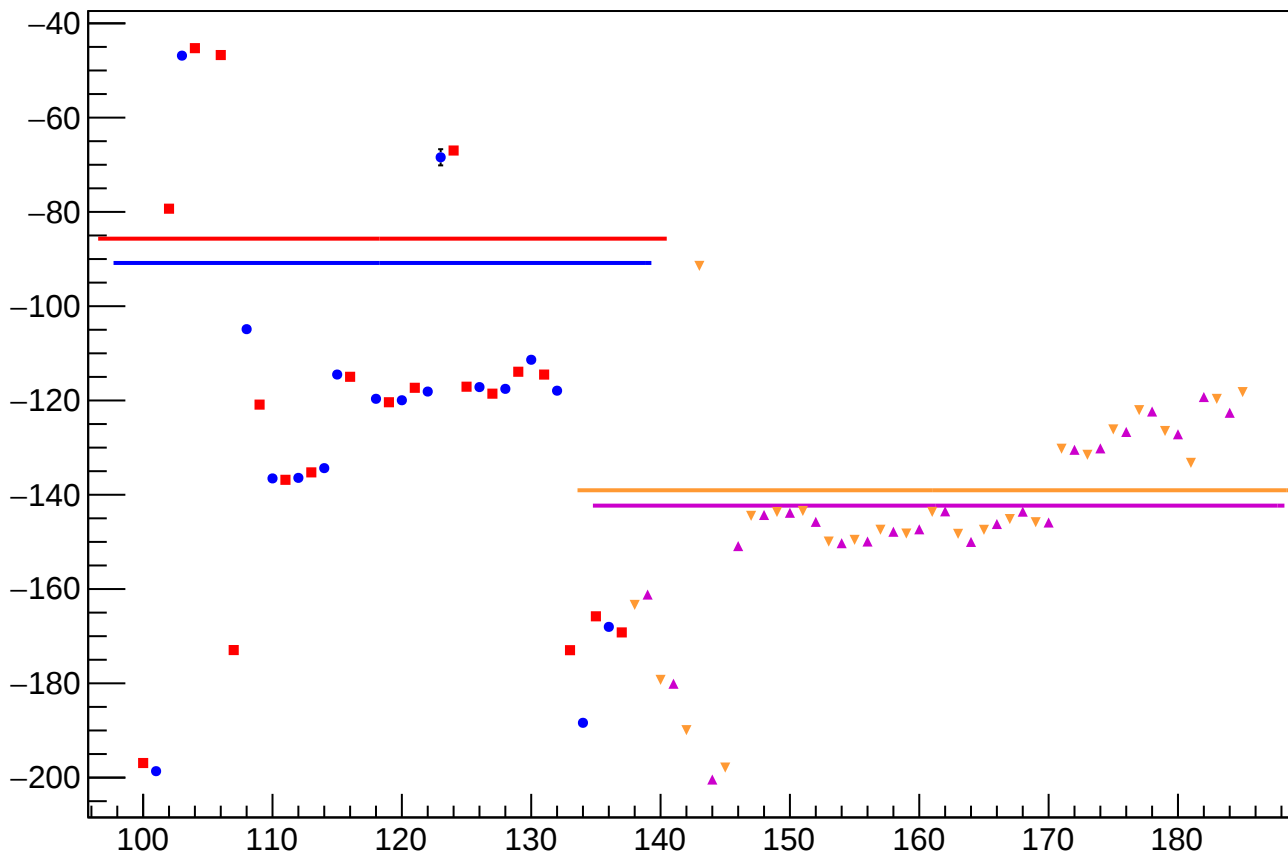
Left In: 62.640 $\pm$ 0.943 χ^2 /NDF: 515.4/22

+ sign 58.964 $\pm$ 0.761 χ^2 /NDF: 1380.5/41

All: 58.045 $\pm$ 0.543 χ^2 /NDF: 2533.7/83

- sign 57.094 $\pm$ 0.775 χ^2 /NDF: 1150.2/41

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -90.830 ± 0.068 χ^2/NDF : 533047.0/16

Left Out: -139.048 ± 0.043 χ^2/NDF : 258023.0/24

Right Out: -85.675 ± 0.065 χ^2/NDF : 493800.4/18

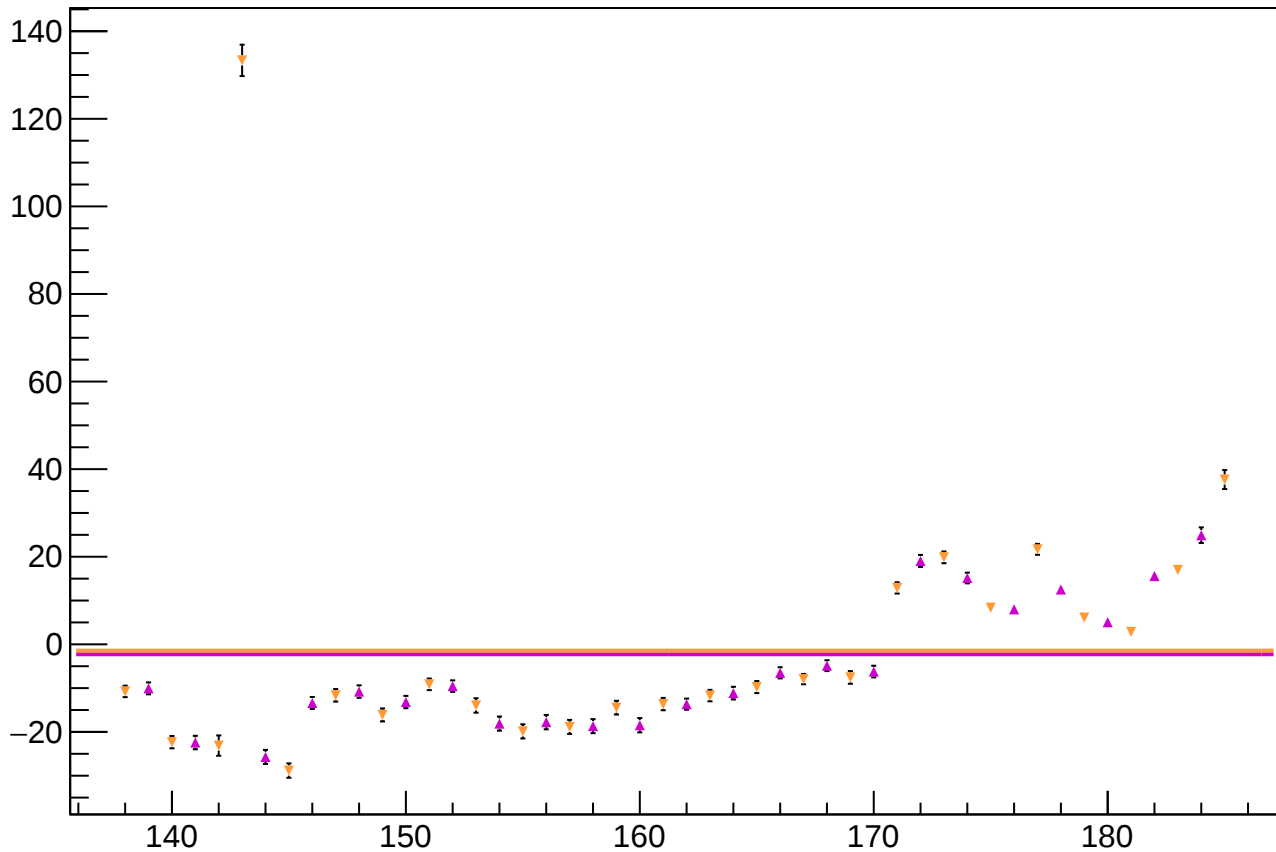
Left In: -142.305 ± 0.044 χ^2/NDF : 143351.8/22

+ sign -125.275 ± 0.036 χ^2/NDF : 1152297.5/41

All: -124.894 ± 0.026 χ^2/NDF : 2308437.3/83

- sign -124.507 ± 0.037 χ^2/NDF : 1155917.3/41

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: -1.436 $\pm$ 0.268 χ^2 /NDF:4336.4/24

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

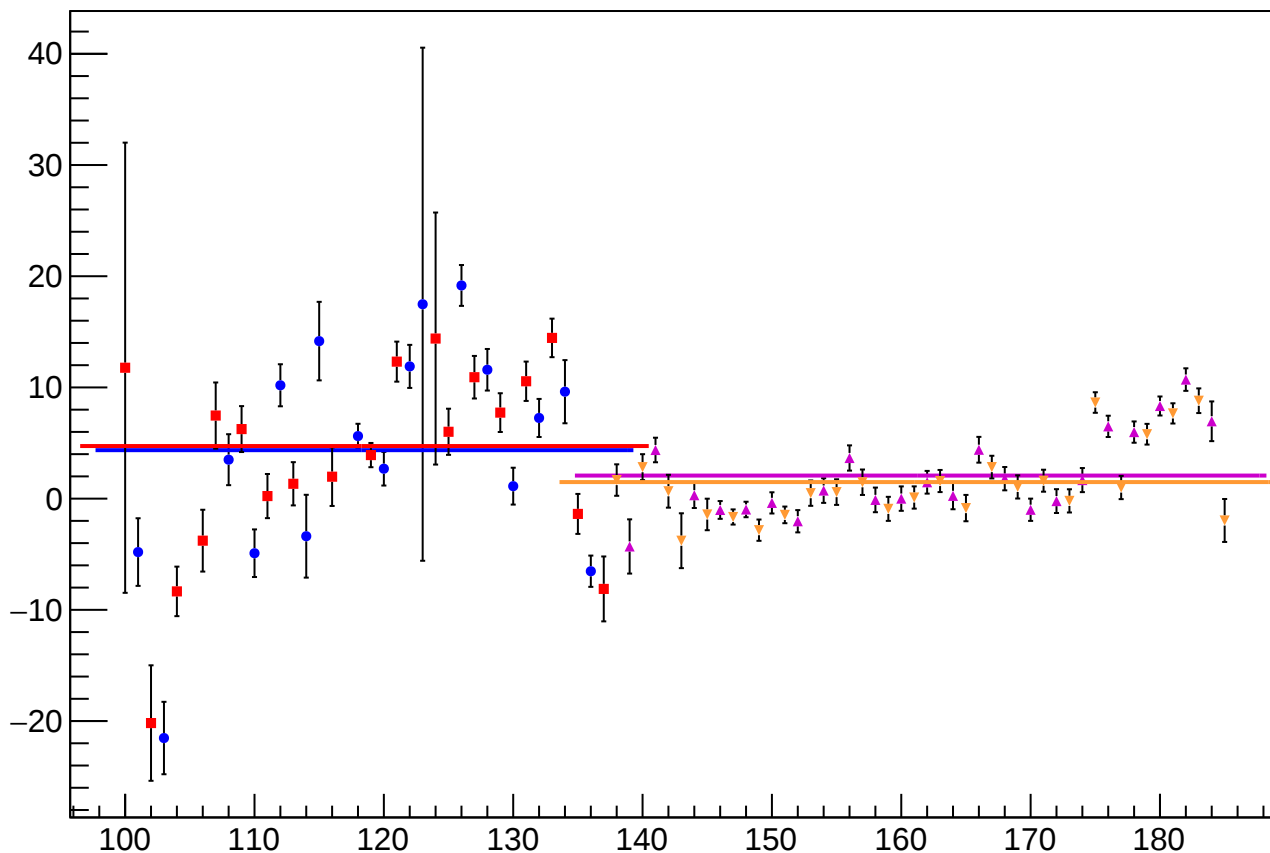
Left In: -2.270 $\pm$ 0.271 χ^2 /NDF:2521.6/22

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

All: -1.848 $\pm$ 0.190 χ^2 /NDF: 6862.8/47

- 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: 4.358 ± 0.472 $\chi^2/\text{NDF}: 280.7/16$

Left Out: 1.489 ± 0.210 $\chi^2/\text{NDF}: 258.5/24$

Right Out: 4.729 ± 0.474 $\chi^2/\text{NDF}: 183.8/18$

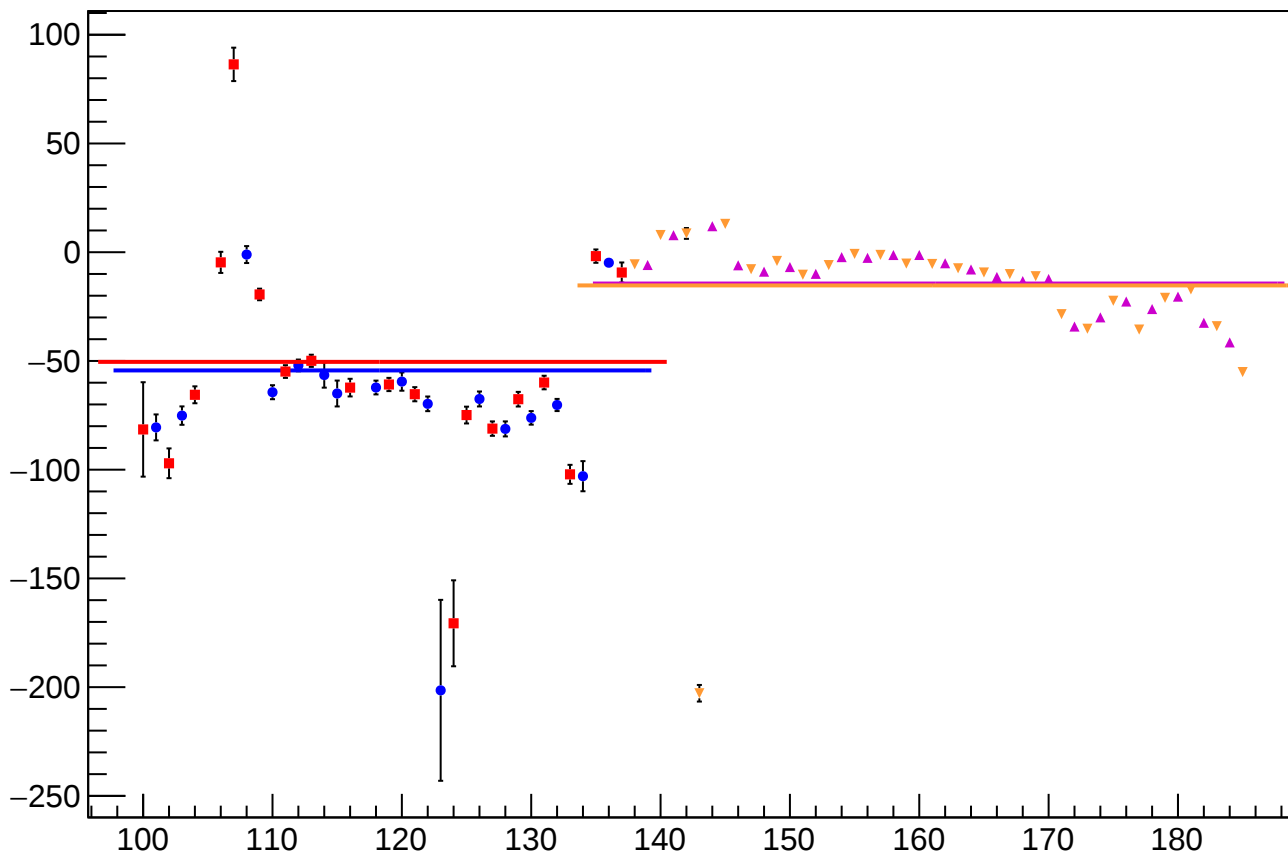
Left In: 2.075 ± 0.215 $\chi^2/\text{NDF}: 274.6/22$

+ sign 1.964 ± 0.192 $\chi^2/\text{NDF}: 570.1/41$

All: 2.241 ± 0.137 $\chi^2/\text{NDF}: 1058.7/83$

- sign 2.529 ± 0.196 $\chi^2/\text{NDF}: 484.3/41$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.358 ± 0.870 χ^2/NDF : 1014.3/16

Left Out: -15.270 ± 0.267 χ^2/NDF : 4816.8/24

Right Out: -50.421 ± 0.859 χ^2/NDF : 1316.6/18

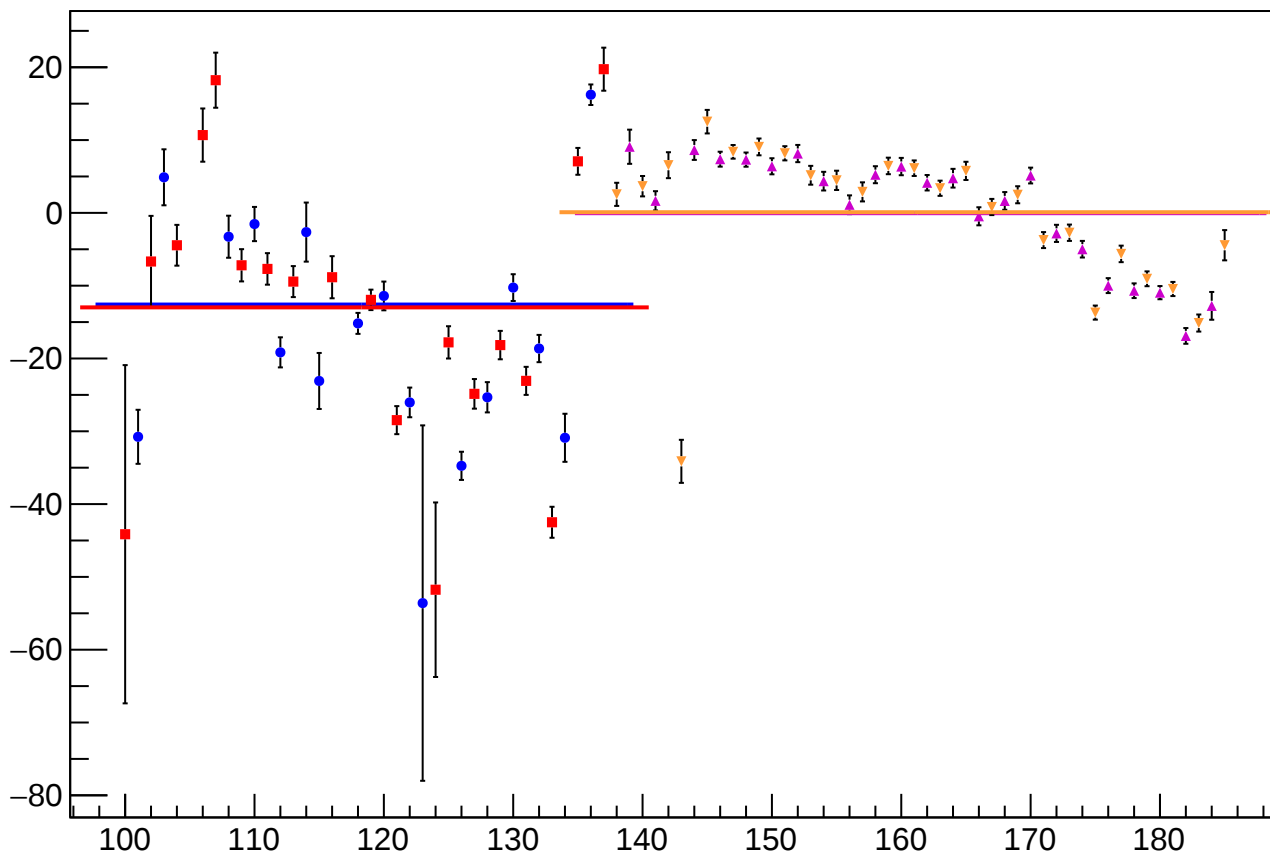
Left In: -14.406 ± 0.269 χ^2/NDF : 2032.4/22

+ sign -18.629 ± 0.255 χ^2/NDF : 7675.2/41

All: -18.130 ± 0.181 χ^2/NDF : 12632.4/83

- sign -17.624 ± 0.257 χ^2/NDF : 4949.5/41

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.592 ± 0.538 χ^2/NDF : 779.7/16

Left Out: 0.091 ± 0.238 χ^2/NDF : 1171.0/24

Right Out: -12.981 ± 0.539 χ^2/NDF : 721.9/18

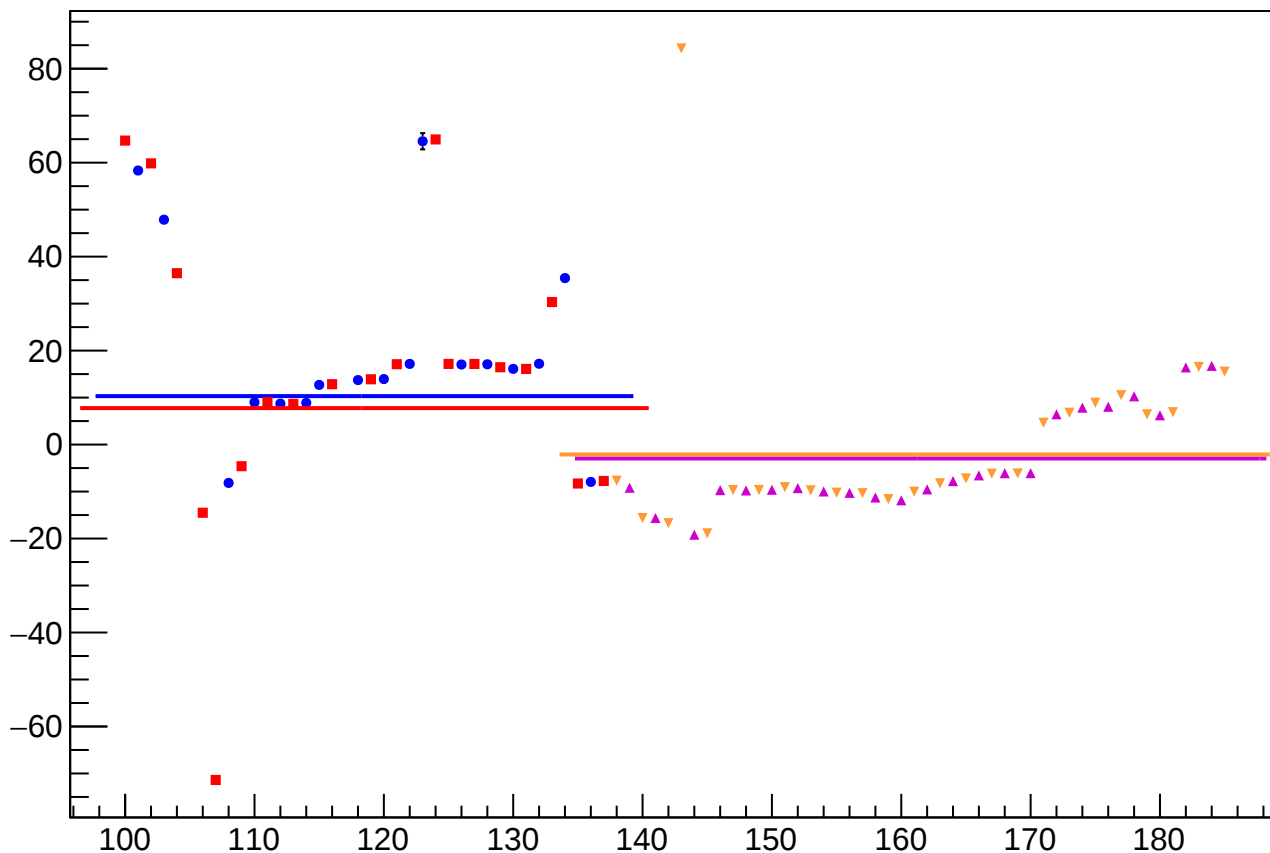
Left In: -0.044 ± 0.243 χ^2/NDF : 1028.2/22

+ sign -1.992 ± 0.218 χ^2/NDF : 2415.9/41

All: -2.110 ± 0.155 χ^2/NDF : 4646.0/83

- sign -2.233 ± 0.222 χ^2/NDF : 2229.4/41

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.315 $\pm$ 0.031 χ^2 /NDF: 380737.7/16

Left Out: -2.112 $\pm$ 0.011 χ^2 /NDF: 1092024.8/24

Right Out: 7.762 $\pm$ 0.031 χ^2 /NDF: 543895.1/18

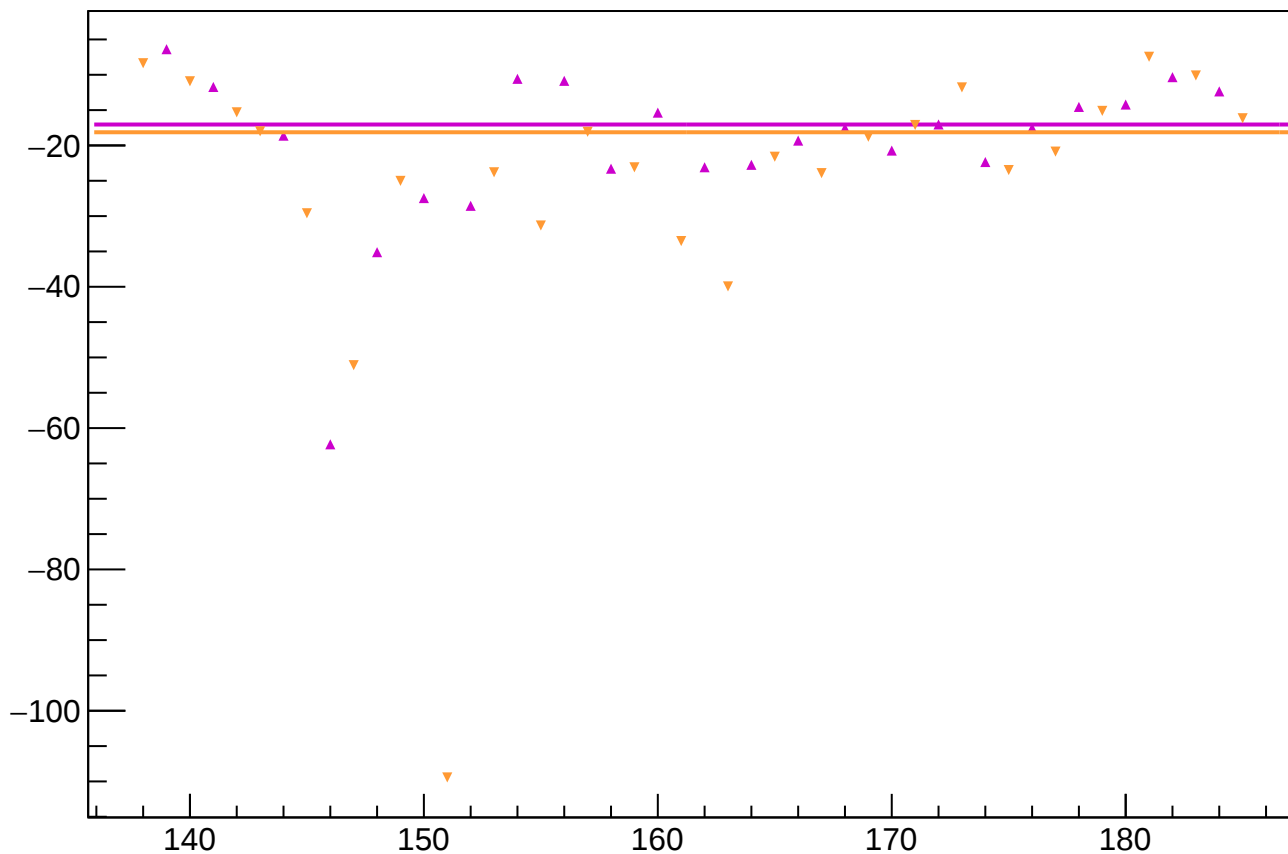
Left In: -2.959 $\pm$ 0.011 χ^2 /NDF: 763000.9/22

+ sign -0.717 $\pm$ 0.010 χ^2 /NDF: 1618001.9/41

All: -1.246 $\pm$ 0.007 χ^2 /NDF: 3034373.1/83

- sign -1.783 $\pm$ 0.010 χ^2 /NDF: 1411054.8/41

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -18.134+/-0.039 χ^2/NDF : 88520.5/24

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

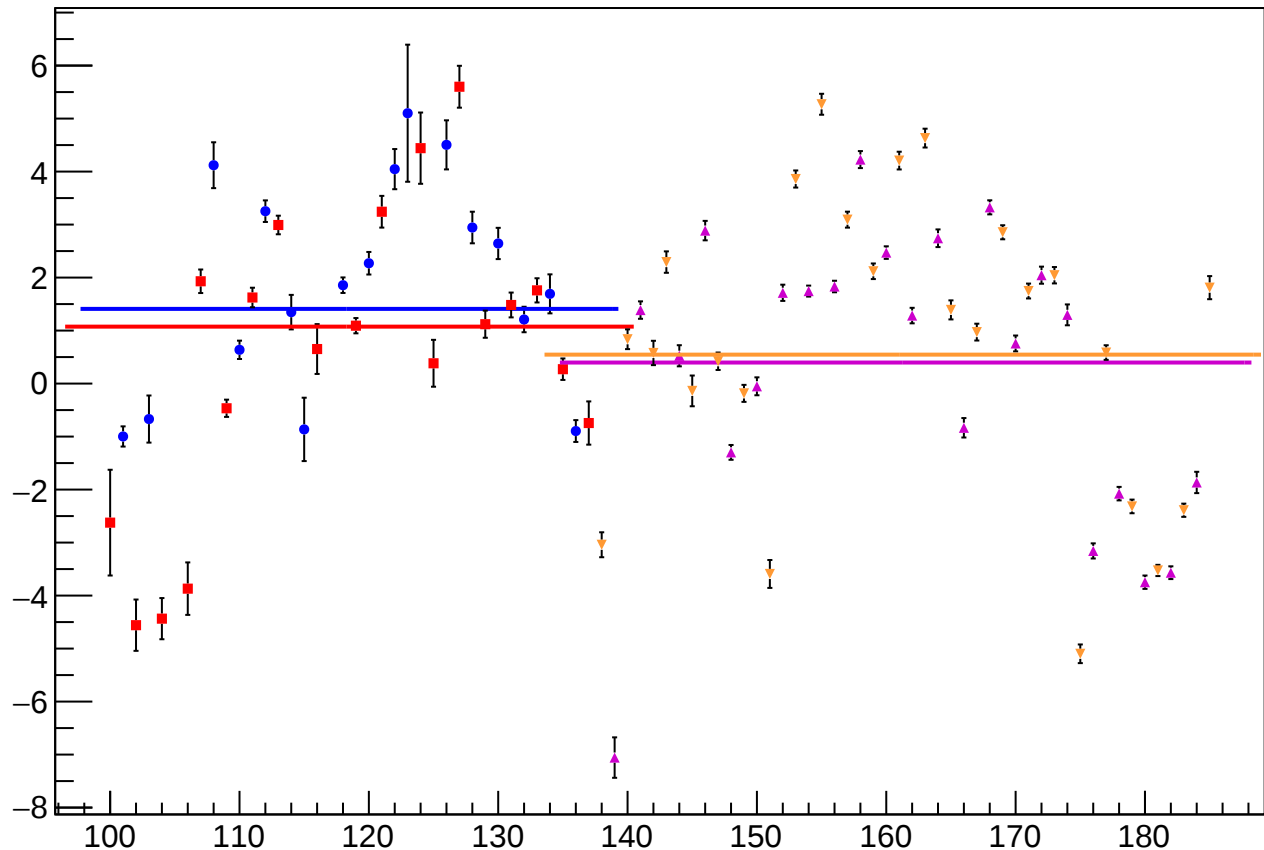
Left In: -17.038+/-0.038 χ^2/NDF : 44141.1/22

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.575+/-0.027 χ^2/NDF : 133065.8/47

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.409 $\pm$ 0.062 χ^2 /NDF: 634.6/16

Left Out: 0.546 $\pm$ 0.032 χ^2 /NDF: 7070.4/24

Right Out: 1.074 $\pm$ 0.058 χ^2 /NDF: 942.5/18

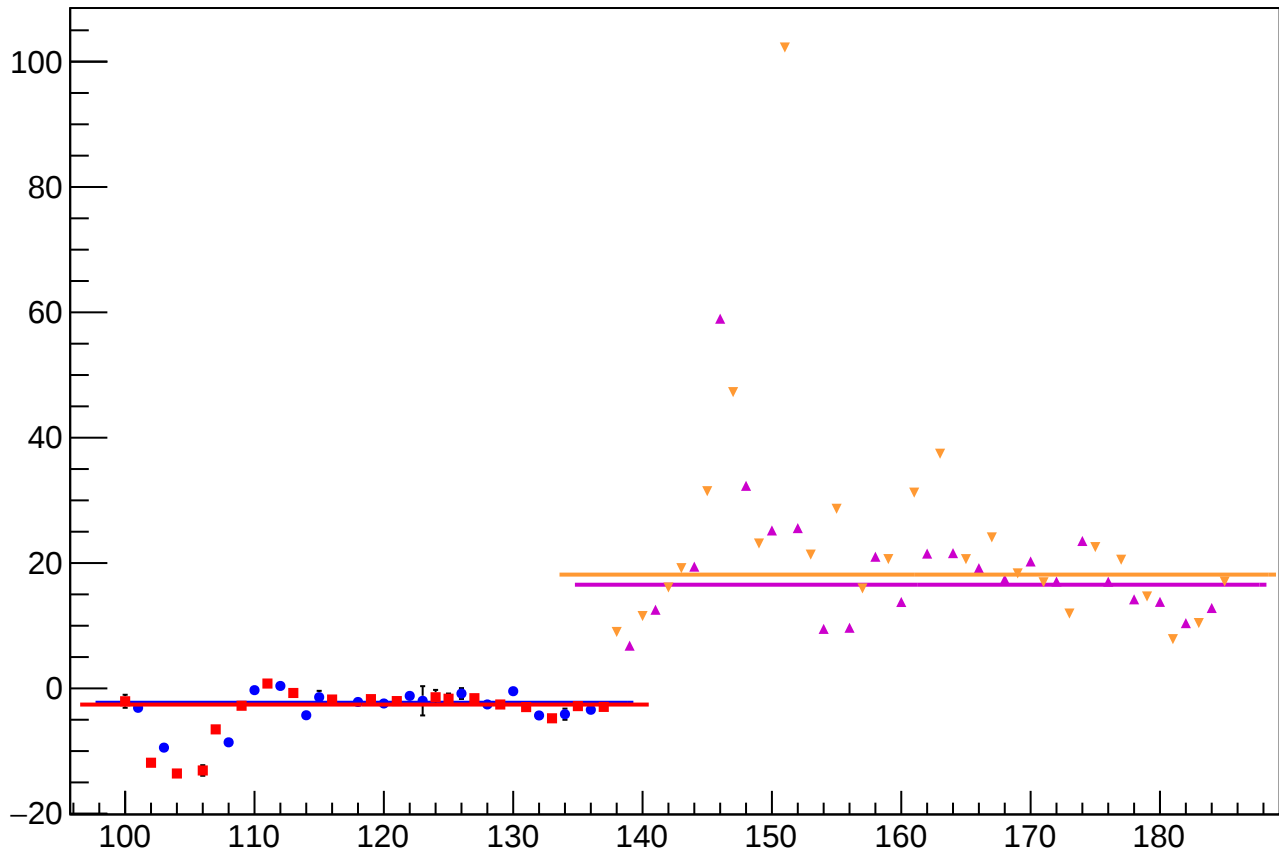
Left In: 0.397 $\pm$ 0.031 χ^2 /NDF: 6235.6/22

+ sign 0.731 $\pm$ 0.029 χ^2 /NDF: 7857.0/41

All: 0.633 $\pm$ 0.020 χ^2 /NDF: 15163.5/83

- sign 0.545 $\pm$ 0.027 χ^2 /NDF: 7284.5/41

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.289 ± 0.112 χ^2/NDF : 447.6/16

Left Out: 18.156 ± 0.039 χ^2/NDF : 77825.4/24

Right Out: -2.579 ± 0.099 χ^2/NDF : 891.5/18

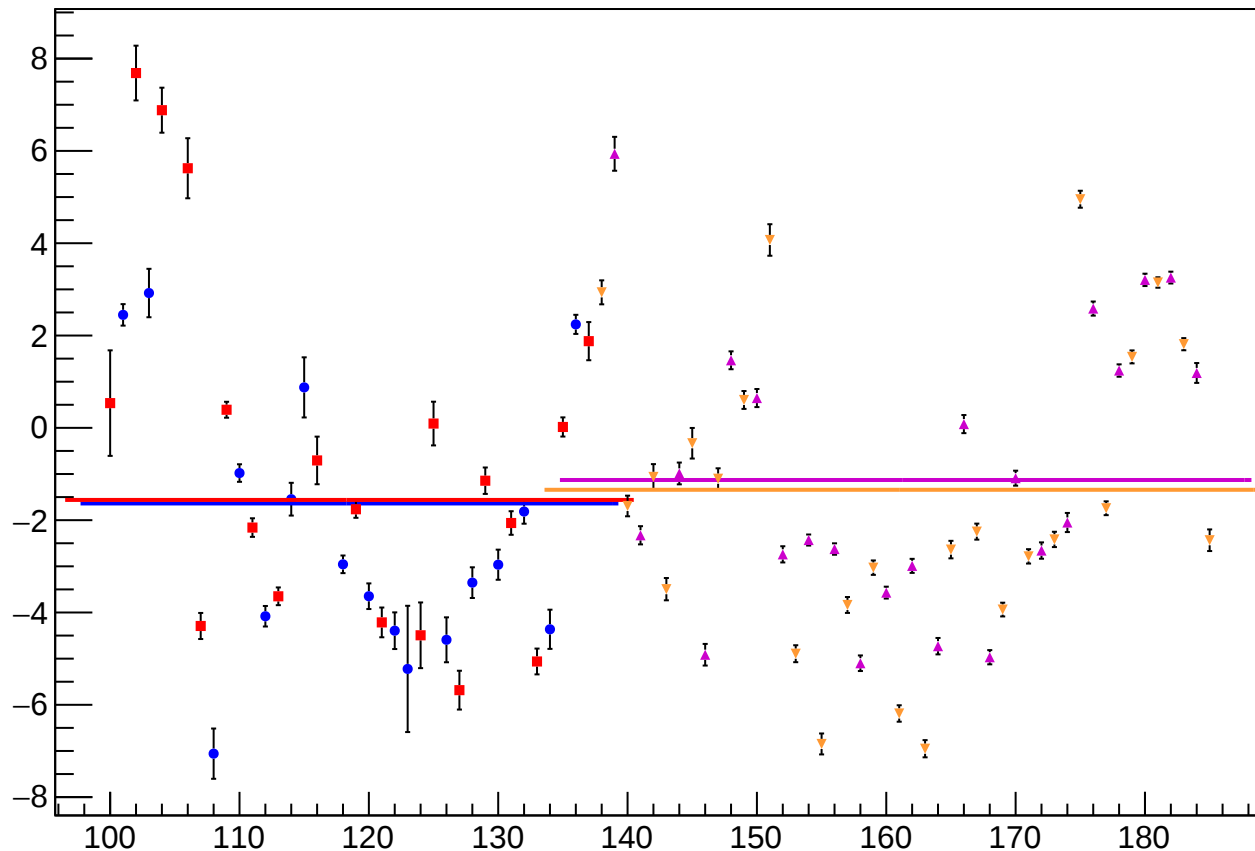
Left In: 16.543 ± 0.038 χ^2/NDF : 40855.0/22

+ sign 15.917 ± 0.037 χ^2/NDF : 108195.5/41

All: 14.973 ± 0.026 χ^2/NDF : 183796.7/83

- sign 14.112 ± 0.035 χ^2/NDF : 74351.1/41

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.638 ± 0.071 χ^2/NDF : 1258.5/16

Left Out: -1.342 ± 0.036 χ^2/NDF : 7925.9/24

Right Out: -1.561 ± 0.066 χ^2/NDF : 1503.8/18

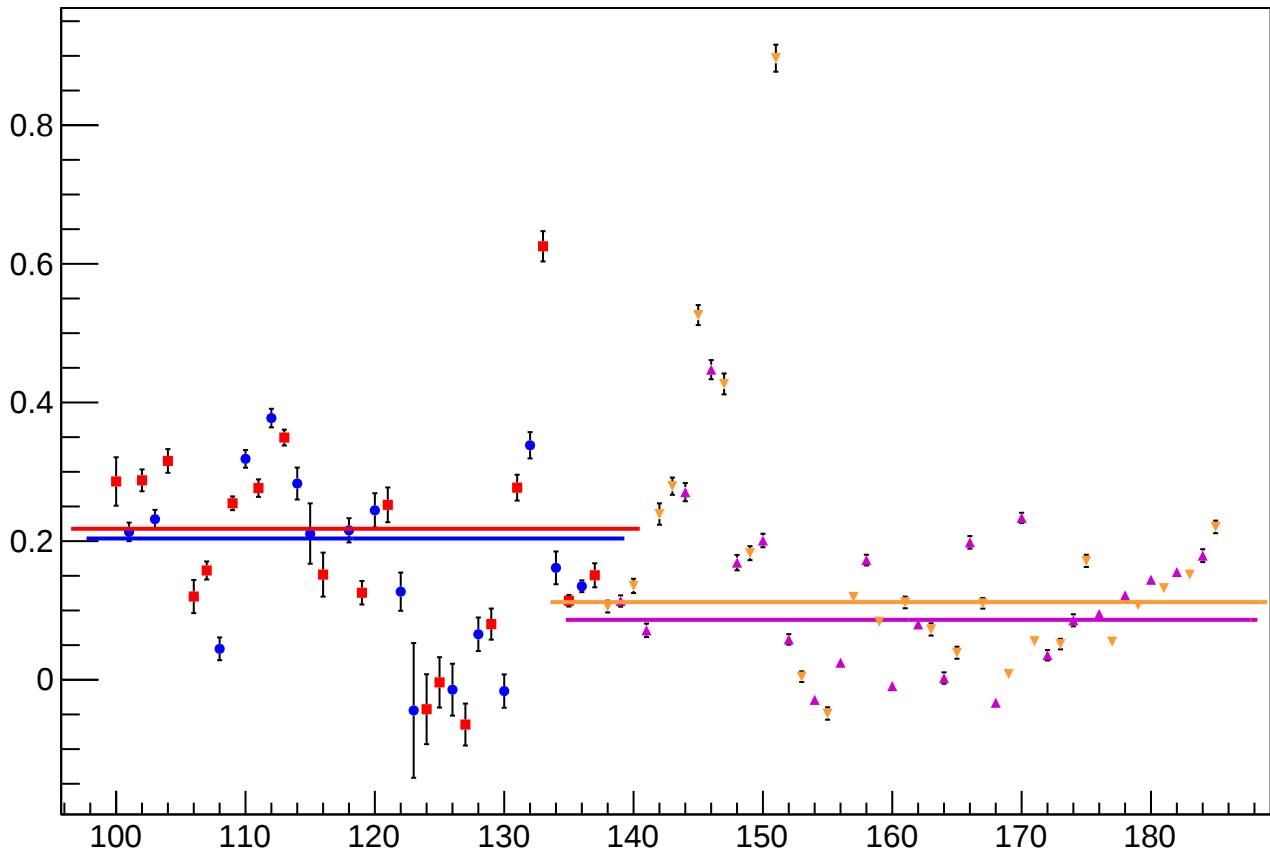
Left In: -1.129 ± 0.034 χ^2/NDF : 6740.3/22

+ sign -1.402 ± 0.032 χ^2/NDF : 9198.2/41

All: -1.306 ± 0.022 χ^2/NDF : 17493.0/83

- sign -1.221 ± 0.030 χ^2/NDF : 8278.1/41

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.204 $\pm$ 0.004 χ^2 /NDF: 645.6/16

Left Out: 0.112 $\pm$ 0.002 χ^2 /NDF: 4502.2/24

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1016.1/18

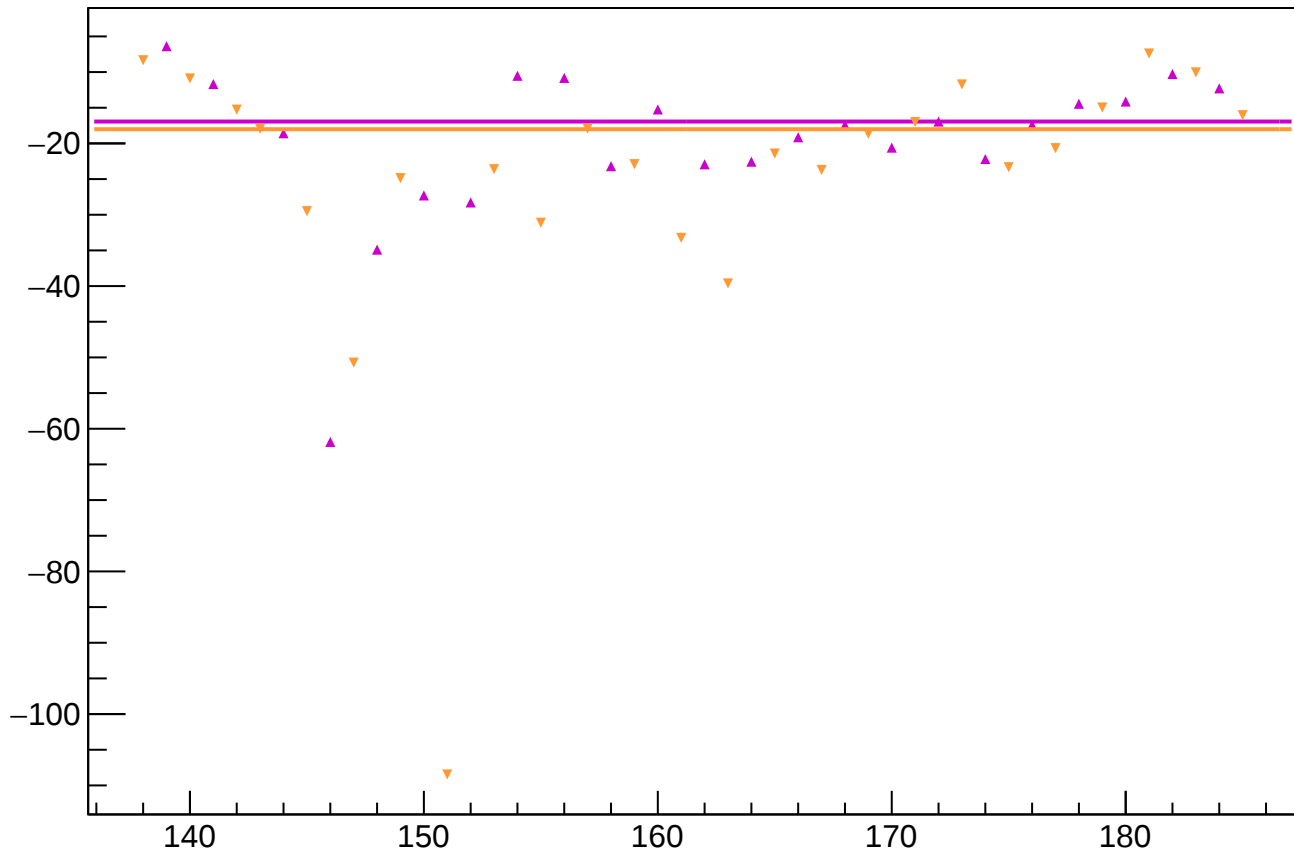
Left In: 0.087 $\pm$ 0.002 χ^2 /NDF: 3655.4/22

+ sign 0.124 $\pm$ 0.001 χ^2 /NDF: 5571.7/41

All: 0.114 $\pm$ 0.001 χ^2 /NDF: 11411.4/83

- sign 0.105 $\pm$ 0.001 χ^2 /NDF: 5754.8/41

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: -18.011 $\pm$ 0.039 χ^2 /NDF:88359.0/24

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

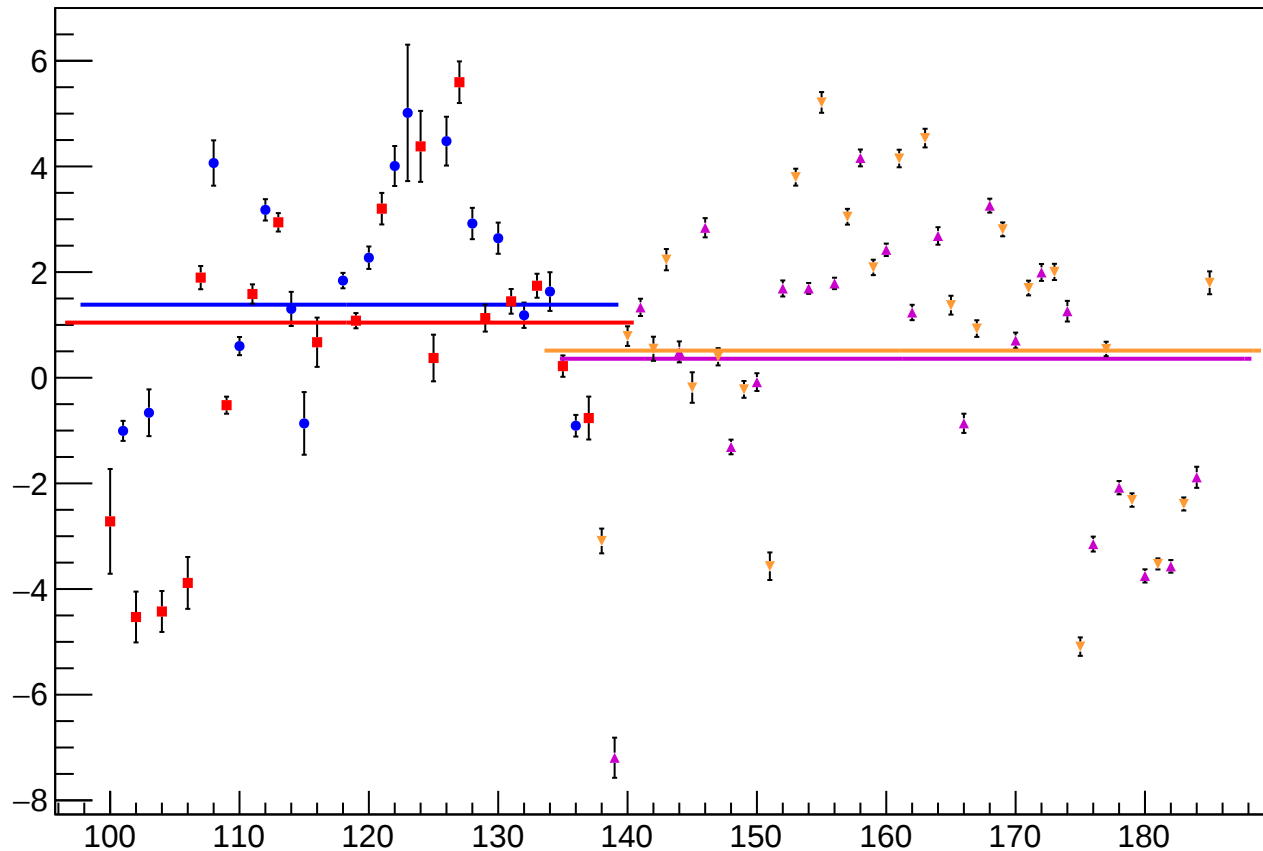
Left In: -16.934 $\pm$ 0.038 χ^2 /NDF:44060.6/22

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

All: -17.462 $\pm$ 0.027 χ^2 /NDF: 132815.5/47

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

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.383 $\pm$ 0.062 χ^2/NDF : 632.3/16

Left Out: 0.514 $\pm$ 0.032 χ^2/NDF : 7055.6/24

Right Out: 1.044 $\pm$ 0.058 χ^2/NDF : 947.0/18

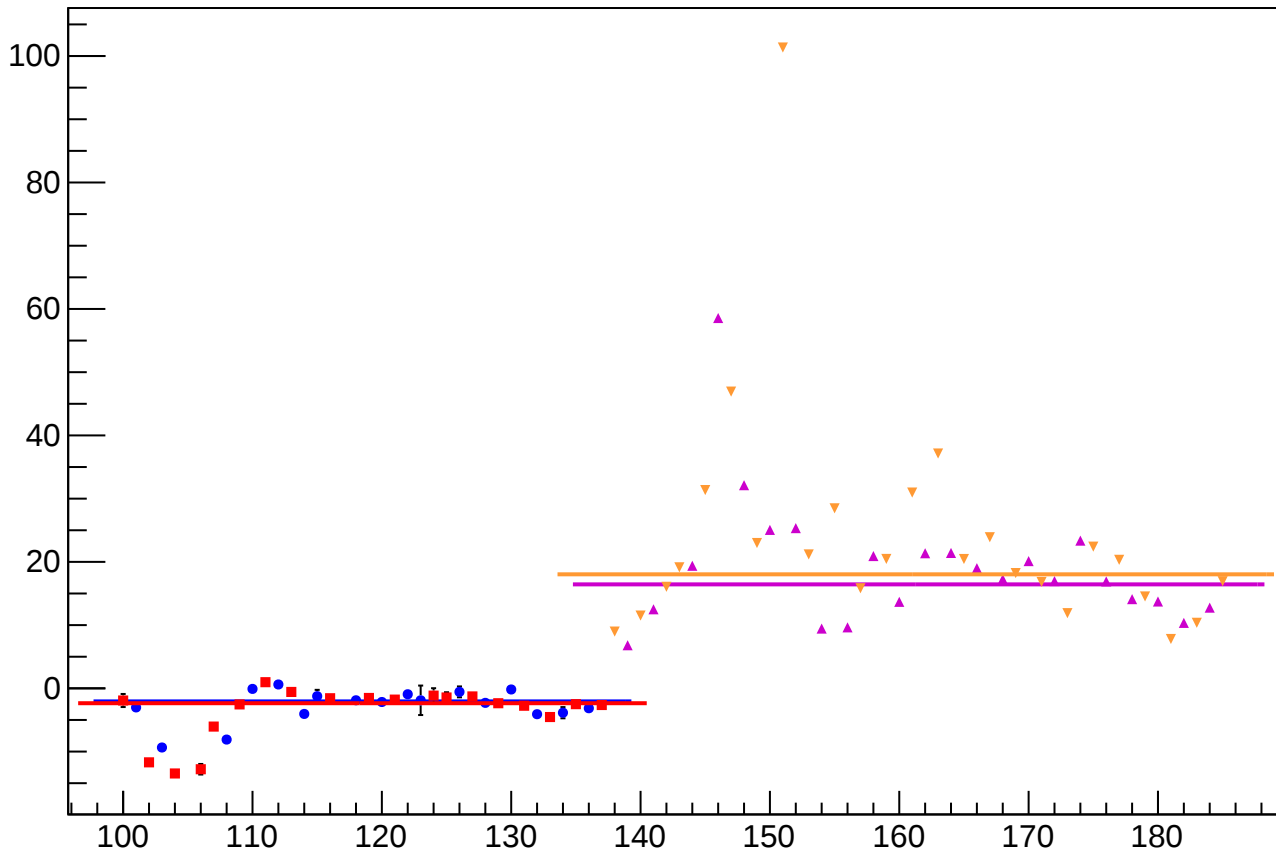
Left In: 0.360 $\pm$ 0.031 χ^2/NDF : 6221.1/22

+ sign 0.699 $\pm$ 0.029 χ^2/NDF : 7843.3/41

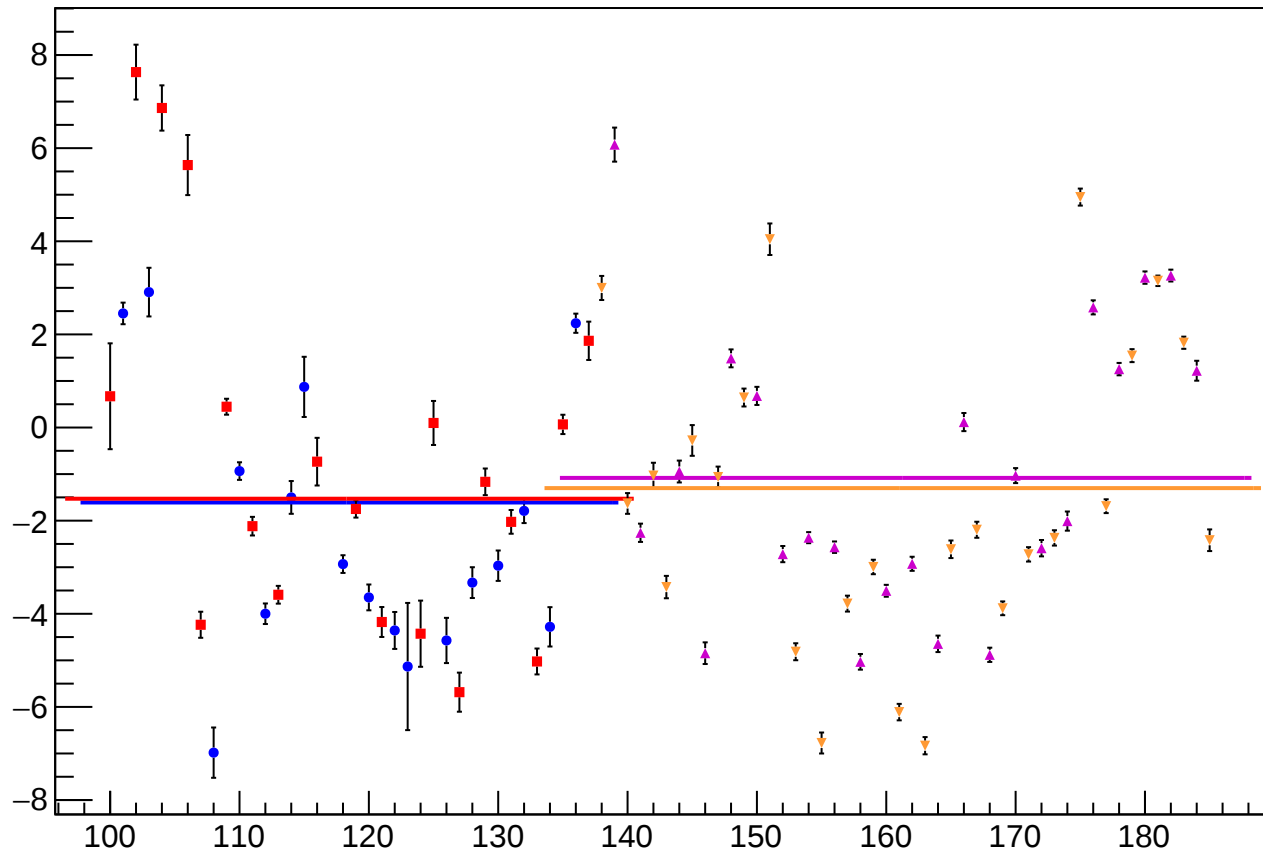
All: 0.599 $\pm$ 0.020 χ^2/NDF : 15144.7/83

- sign 0.509 $\pm$ 0.027 χ^2/NDF : 7277.8/41

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.610 ± 0.071 χ^2/NDF : 1253.3/16

Left Out: -1.301 ± 0.036 χ^2/NDF : 7908.1/24

Right Out: -1.529 ± 0.065 χ^2/NDF : 1507.9/18

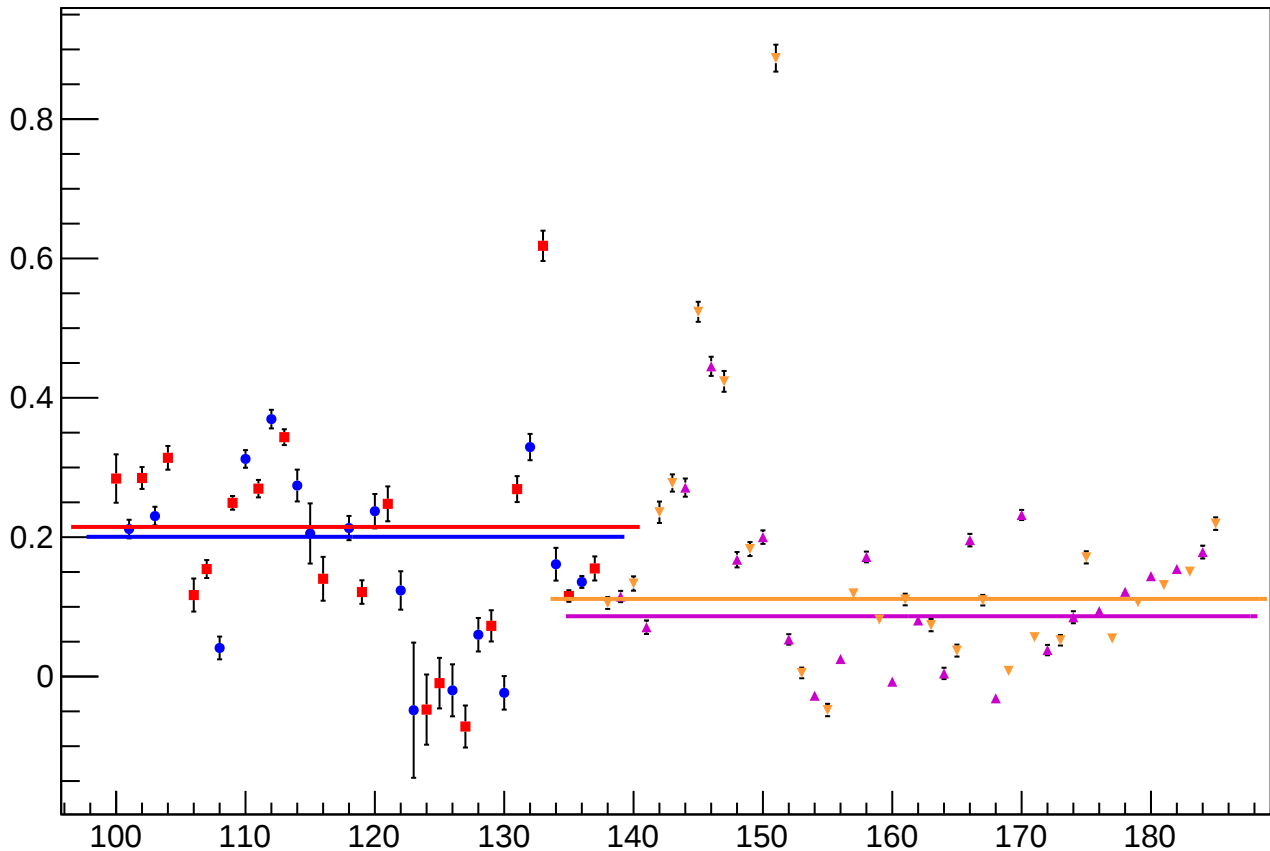
Left In: -1.082 ± 0.034 χ^2/NDF : 6724.1/22

+ sign -1.363 ± 0.032 χ^2/NDF : 9176.5/41

All: -1.265 ± 0.022 χ^2/NDF : 17463.5/83

- sign -1.177 ± 0.030 χ^2/NDF : 8268.9/41

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 χ^2/NDF : 630.5/16

Left Out: 0.111 $\pm$ 0.002 χ^2/NDF :4494.6/24

Right Out: 0.215 $\pm$ 0.004 χ^2/NDF : 999.0/18

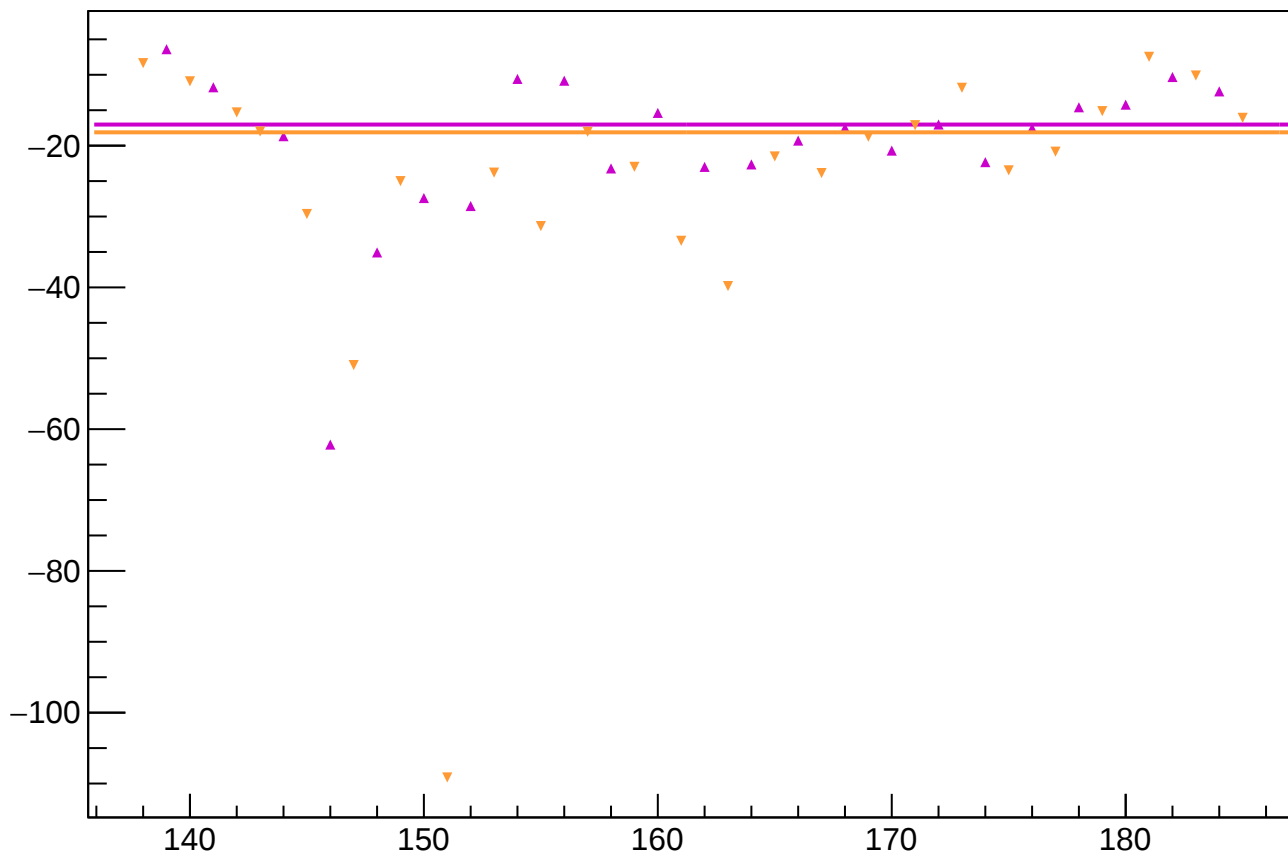
Left In: 0.087 $\pm$ 0.001 χ^2/NDF :3625.5/22

+ sign 0.123 $\pm$ 0.001 χ^2/NDF : 5528.9/41

All: 0.113 $\pm$ 0.001 χ^2/NDF : 11276.4/83

- sign 0.105 $\pm$ 0.001 χ^2/NDF : 5666.7/41

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -18.119 $\pm$ 0.039 χ^2 /NDF:88494.3/24

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

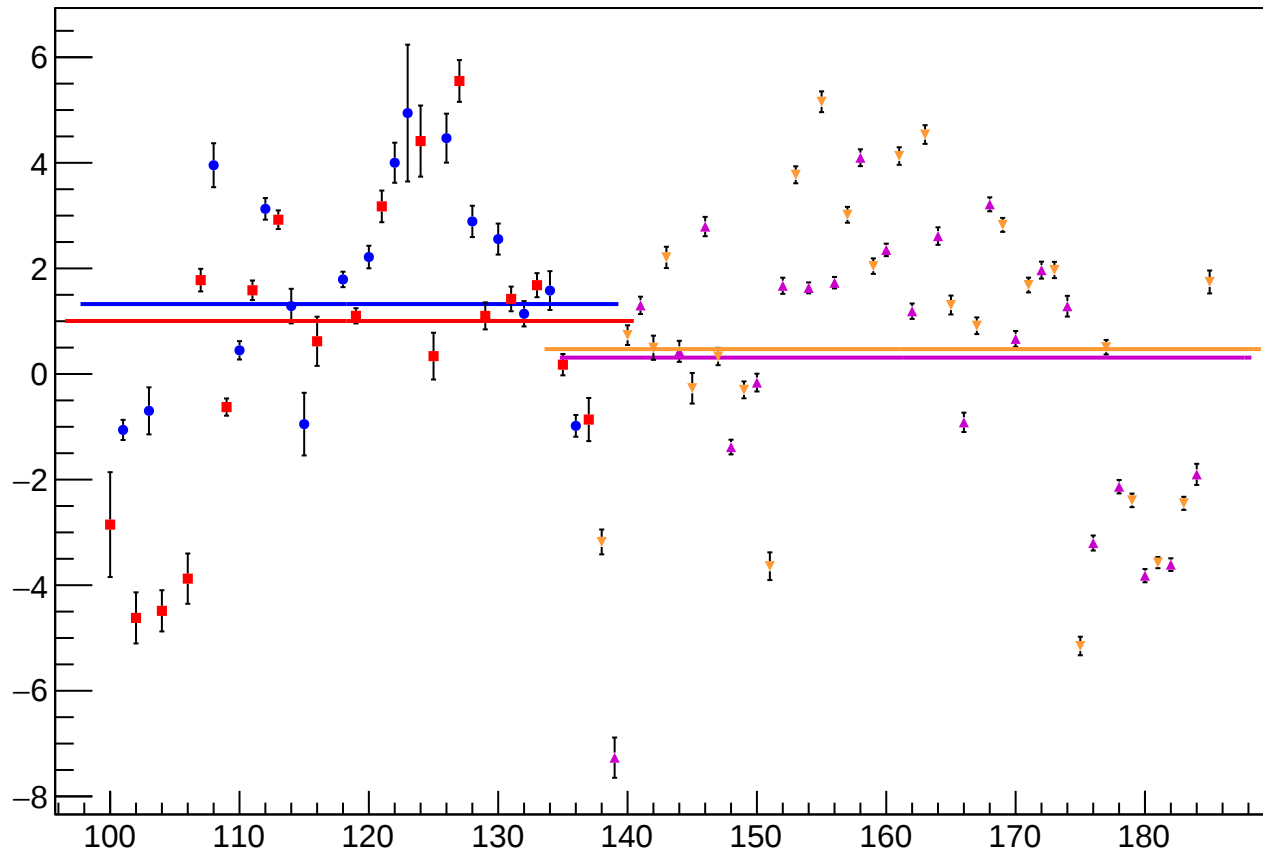
Left In: -17.024 $\pm$ 0.038 χ^2 /NDF:44141.8/22

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

All: -17.560 $\pm$ 0.027 χ^2 /NDF: 133042.4/47

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

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.325 $\pm$ 0.062 χ^2/NDF : 637.1/16

Left Out: 0.472 $\pm$ 0.032 χ^2/NDF : 7079.1/24

Right Out: 1.004 $\pm$ 0.058 χ^2/NDF : 957.8/18

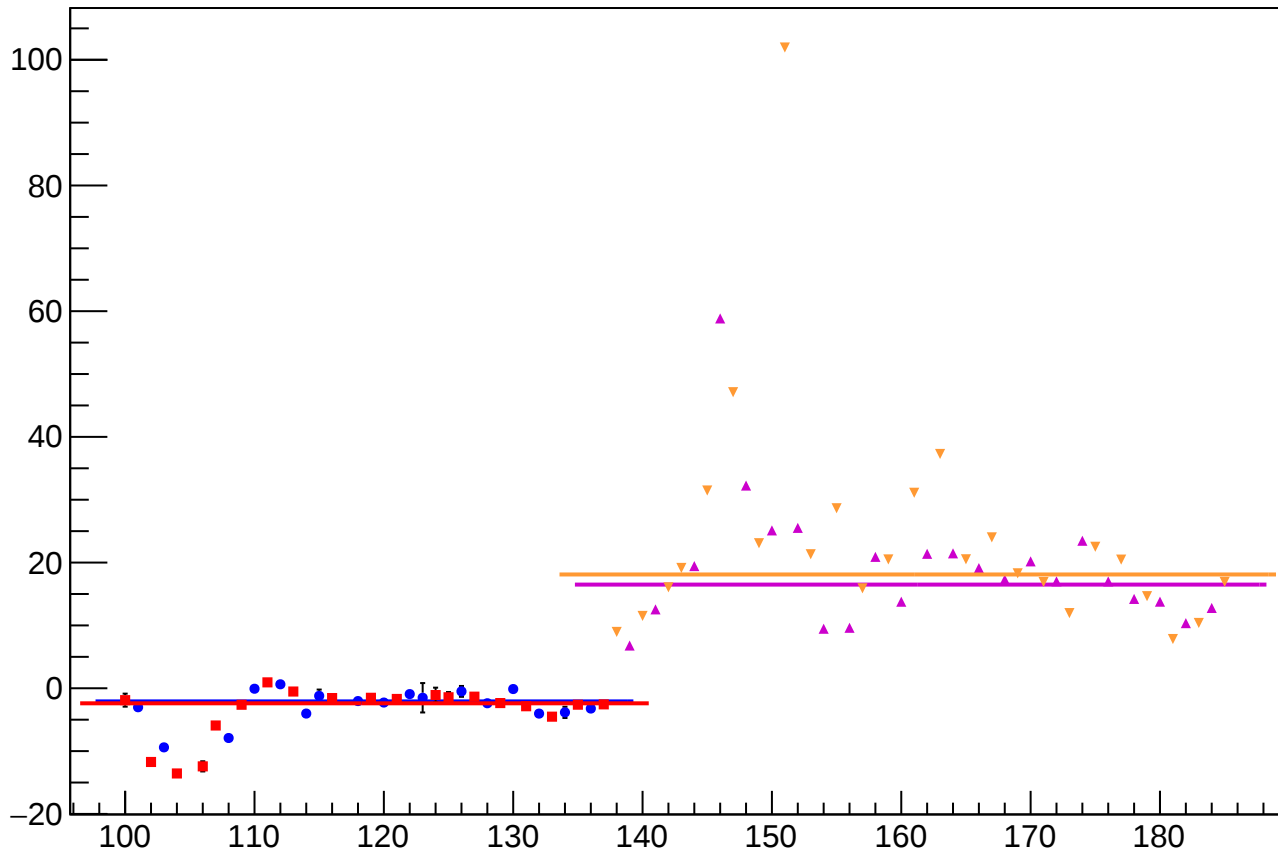
Left In: 0.311 $\pm$ 0.031 χ^2/NDF : 6183.1/22

+ sign 0.654 $\pm$ 0.029 χ^2/NDF : 7865.0/41

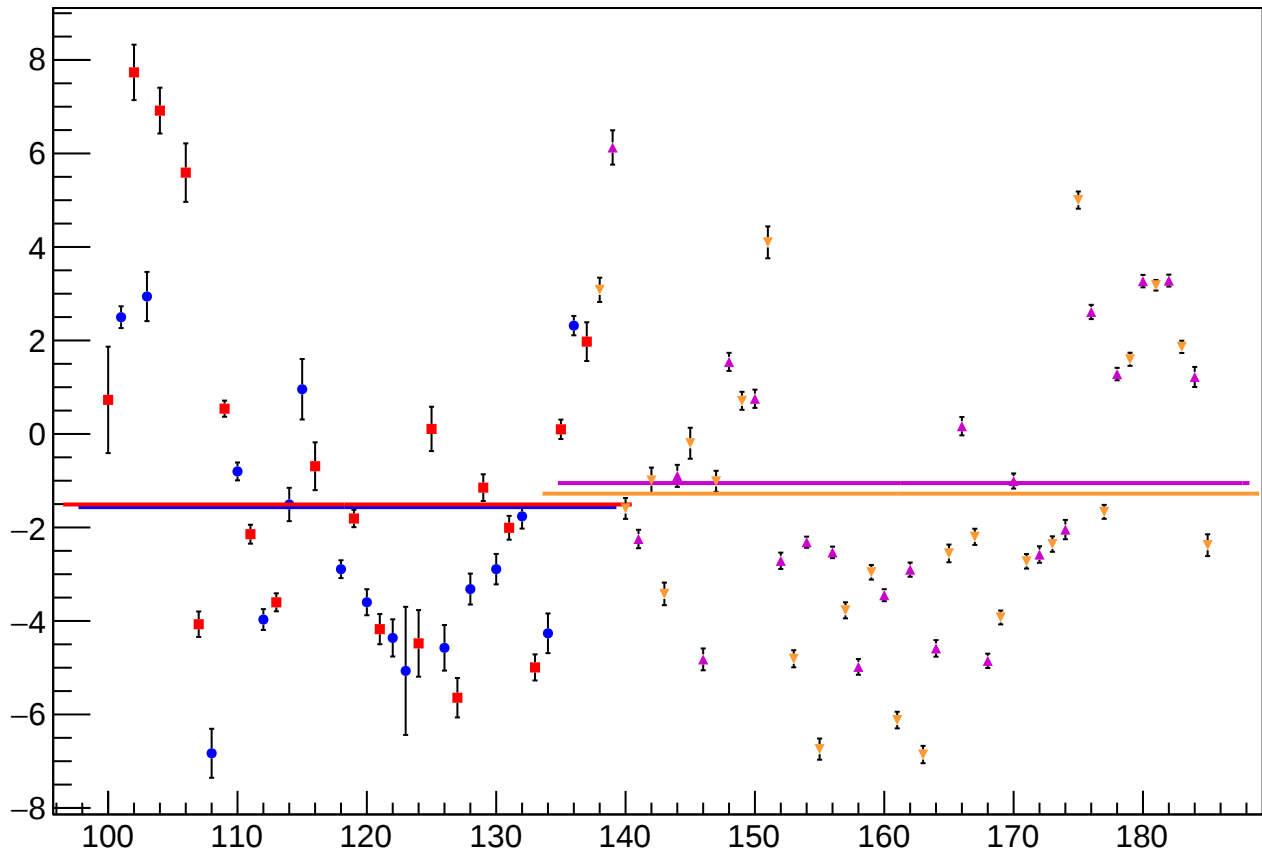
All: 0.552 $\pm$ 0.020 χ^2/NDF : 15141.4/83

- sign 0.462 $\pm$ 0.027 χ^2/NDF : 7252.8/41

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.565 ± 0.071 χ^2/NDF : 1258.1/16

Left Out: -1.277 ± 0.036 χ^2/NDF : 7935.7/24

Right Out: -1.508 ± 0.066 χ^2/NDF : 1518.8/18

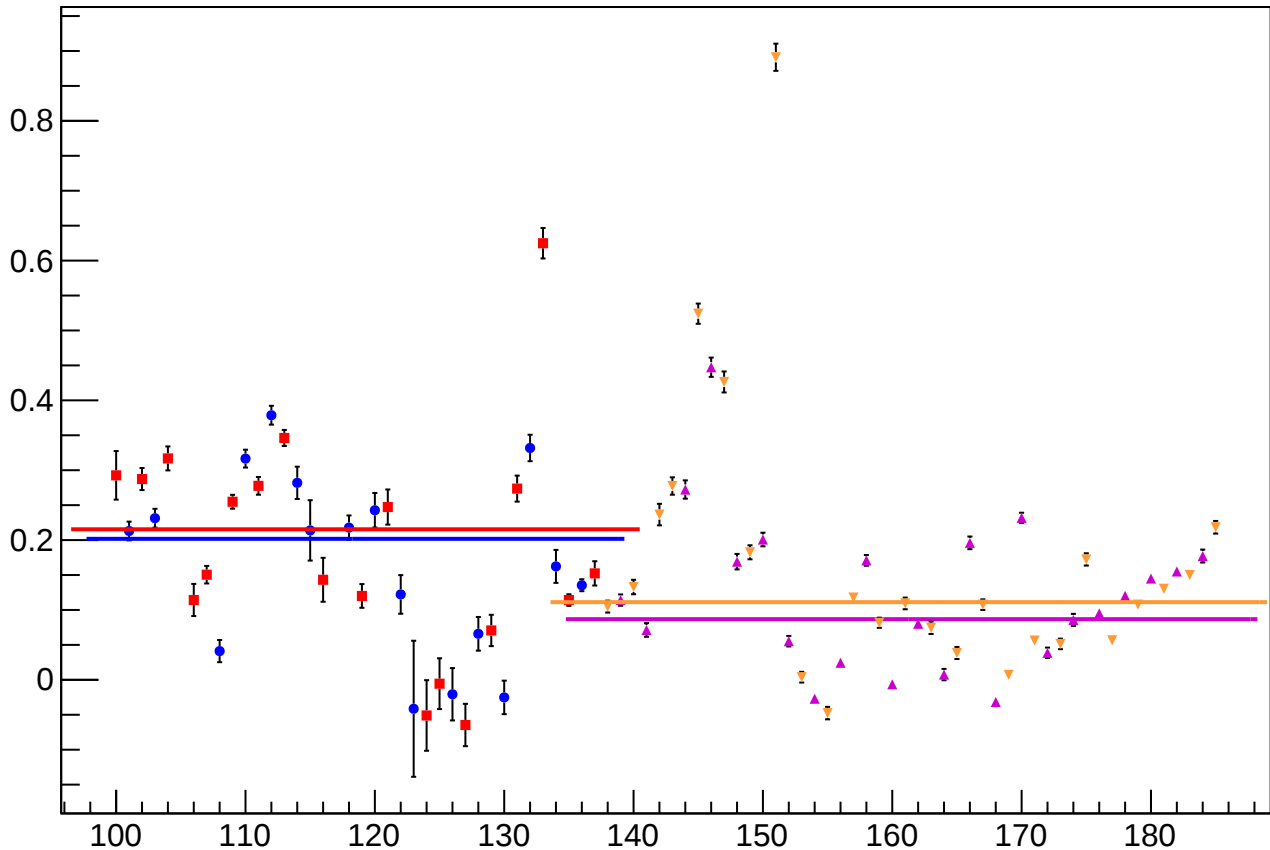
Left In: -1.050 ± 0.034 χ^2/NDF : 6673.4/22

+ sign -1.335 ± 0.032 χ^2/NDF : 9206.9/41

All: -1.236 ± 0.022 χ^2/NDF : 17455.5/83

- sign -1.148 ± 0.030 χ^2/NDF : 8230.6/41

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.004 χ^2/NDF : 658.6/16

Left Out: 0.111 ± 0.002 χ^2/NDF : 4473.2/24

Right Out: 0.215 ± 0.004 χ^2/NDF : 1031.4/18

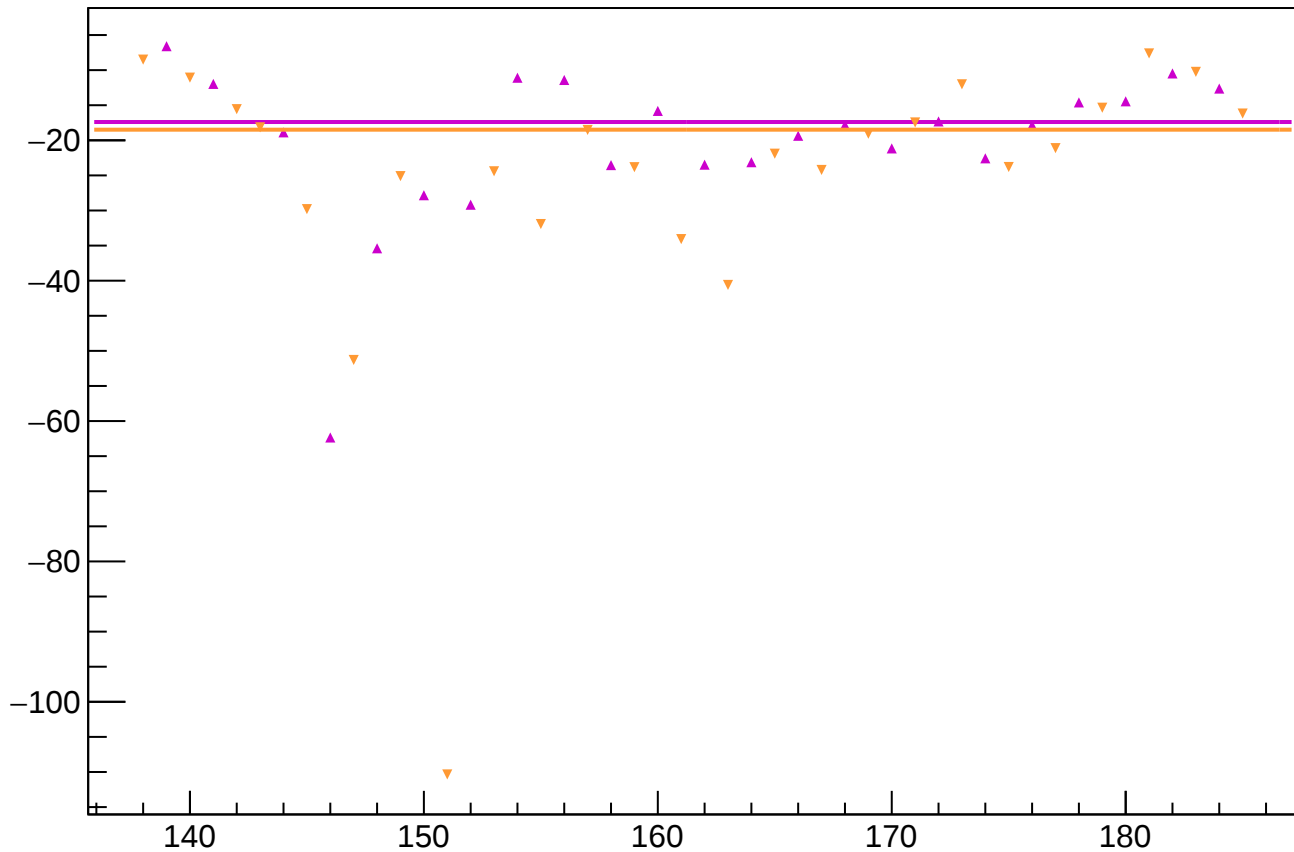
Left In: 0.087 ± 0.001 χ^2/NDF : 3598.5/22

+ sign 0.123 ± 0.001 χ^2/NDF : 5546.4/41

All: 0.113 ± 0.001 χ^2/NDF : 11297.8/83

- sign 0.105 ± 0.001 χ^2/NDF : 5674.9/41

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -18.485 $\pm$ 0.040 χ^2 /NDF: 87861.1/24

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

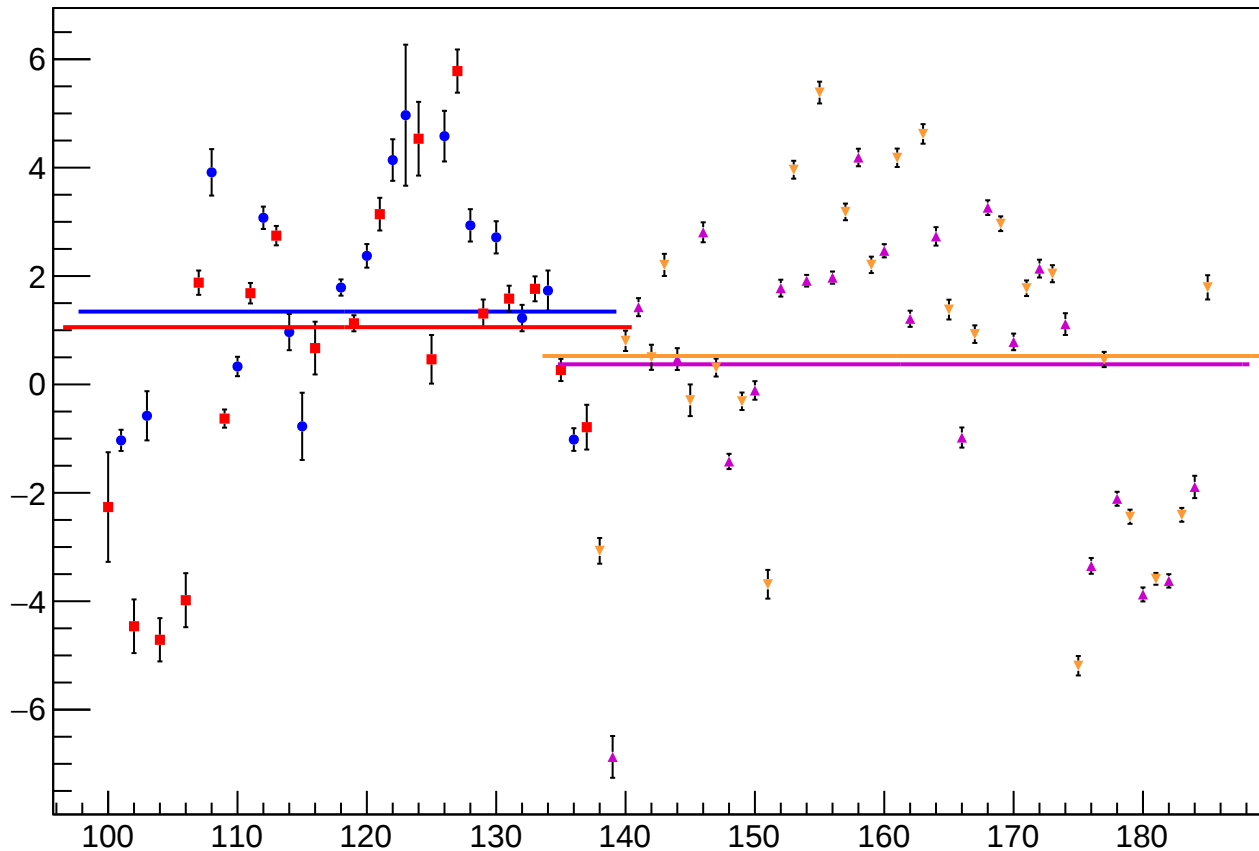
Left In: -17.393 $\pm$ 0.039 χ^2 /NDF: 43178.9/22

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

All: -17.928 $\pm$ 0.028 χ^2 /NDF: 131425.4/47

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

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.344 ± 0.063 χ^2/NDF : 636.3/16

Left Out: 0.525 ± 0.033 χ^2/NDF : 7039.8/24

Right Out: 1.057 ± 0.059 χ^2/NDF : 927.5/18

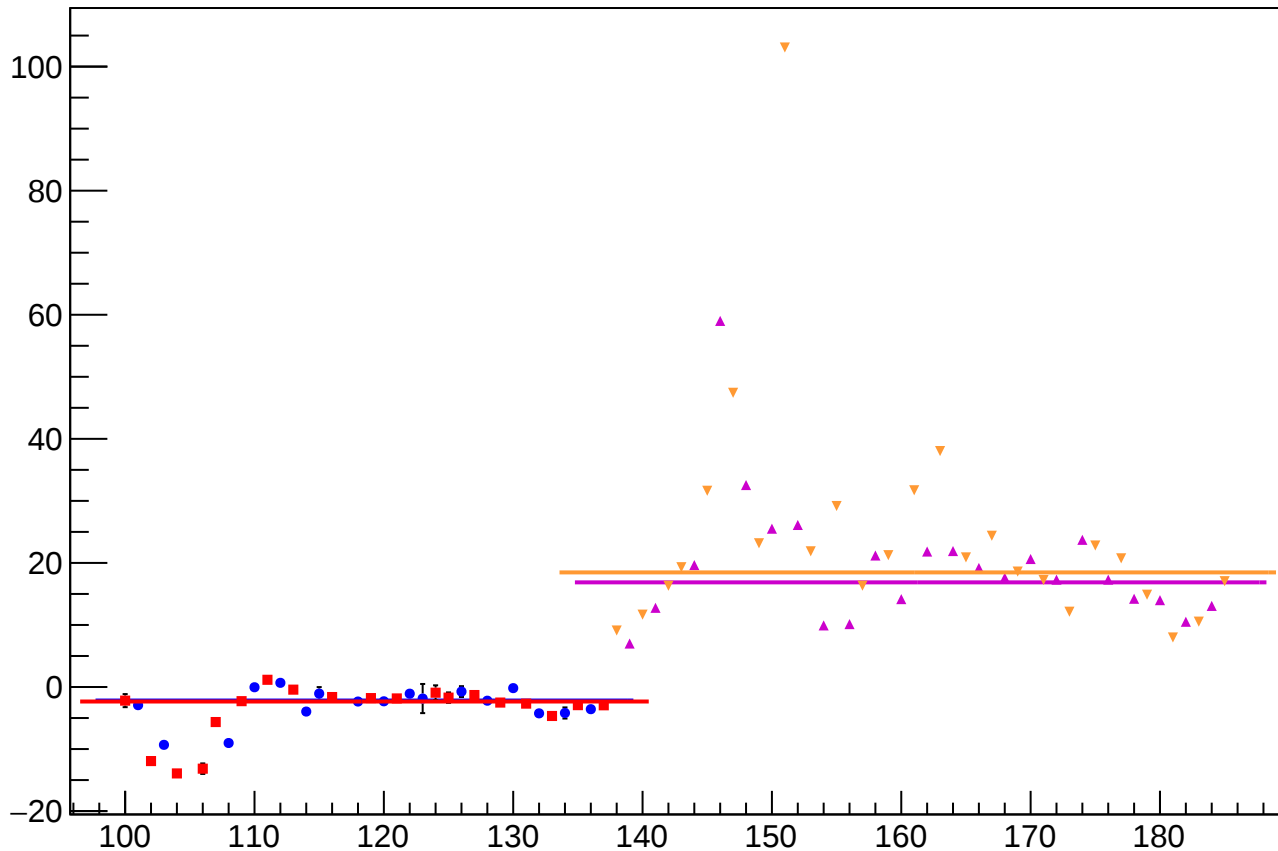
Left In: 0.371 ± 0.031 χ^2/NDF : 6217.4/22

+ sign 0.700 ± 0.029 χ^2/NDF : 7808.2/41

All: 0.606 ± 0.020 χ^2/NDF : 15077.4/83

- sign 0.522 ± 0.028 χ^2/NDF : 7249.6/41

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.181 ± 0.114 χ^2/NDF : 472.4/16

Left Out: 18.472 ± 0.040 χ^2/NDF : 77211.5/24

Right Out: -2.337 ± 0.101 χ^2/NDF : 910.1/18

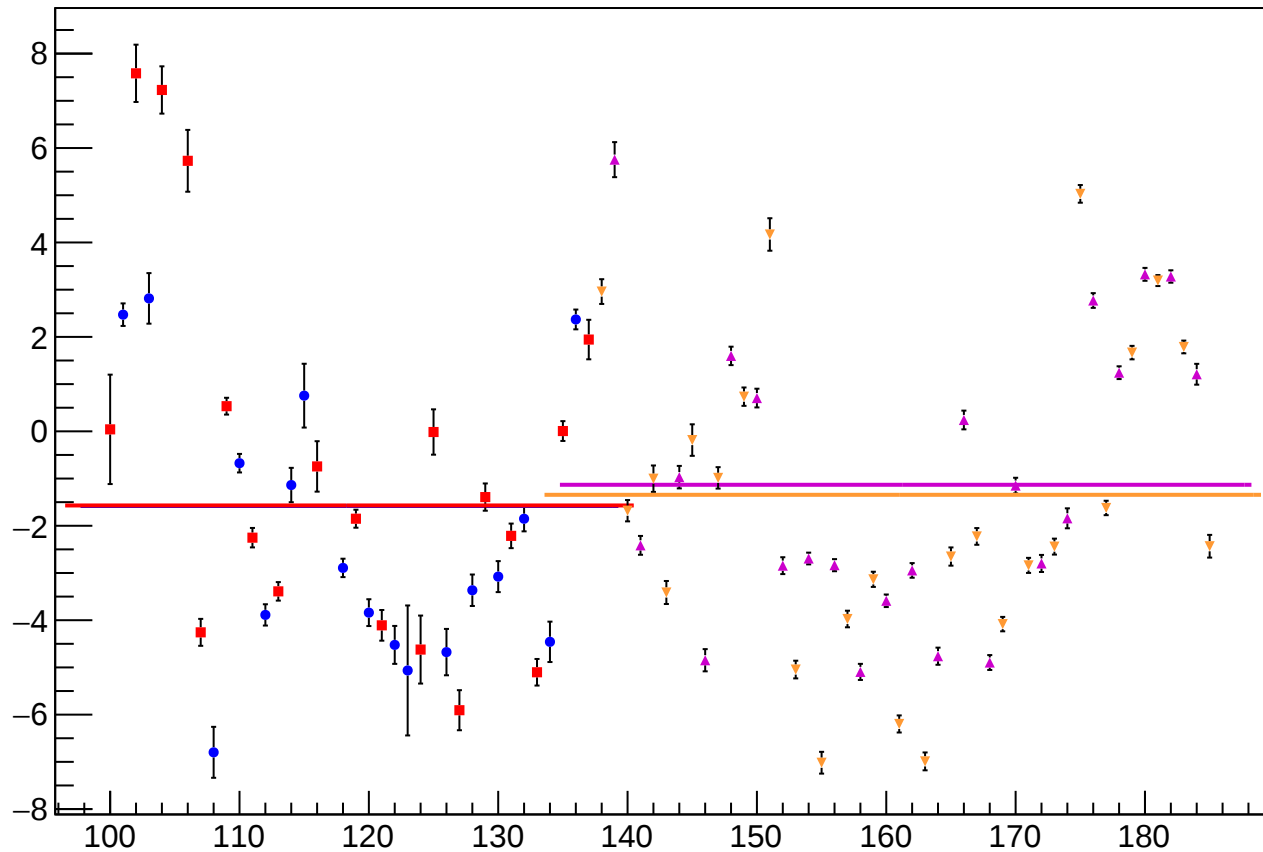
Left In: 16.867 ± 0.039 χ^2/NDF : 39779.0/22

+ sign 16.203 ± 0.038 χ^2/NDF : 107116.1/41

All: 15.274 ± 0.026 χ^2/NDF : 180525.8/83

- sign 14.423 ± 0.036 χ^2/NDF : 72242.9/41

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.581 ± 0.073 χ^2/NDF : 1247.7/16

Left Out: -1.344 ± 0.037 χ^2/NDF : 7889.8/24

Right Out: -1.570 ± 0.067 χ^2/NDF : 1477.5/18

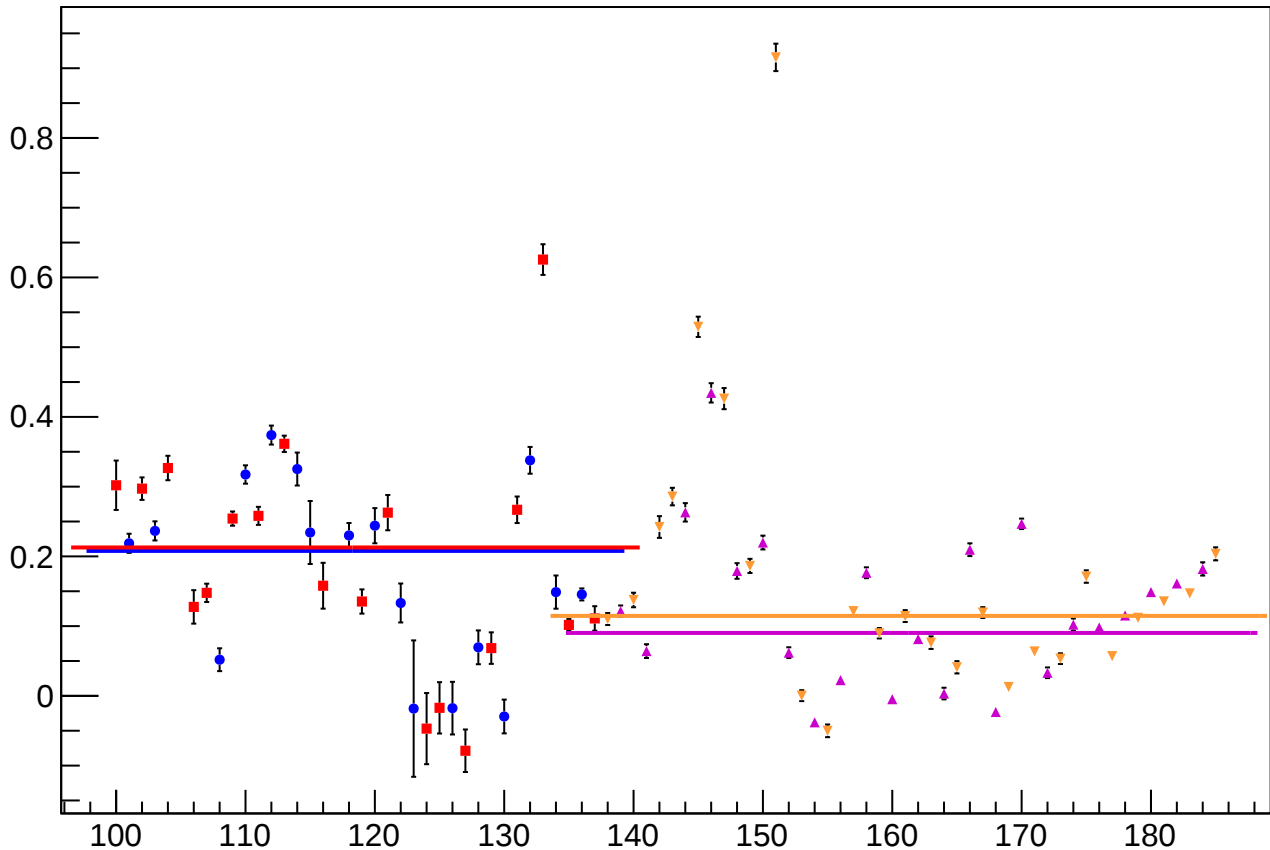
Left In: -1.132 ± 0.035 χ^2/NDF : 6708.5/22

+ sign -1.392 ± 0.033 χ^2/NDF : 9146.0/41

All: -1.304 ± 0.022 χ^2/NDF : 17379.5/83

- sign -1.226 ± 0.031 χ^2/NDF : 8219.7/41

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 624.0/16

Left Out: 0.115 $\pm$ 0.002 χ^2 /NDF: 4429.4/24

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1097.2/18

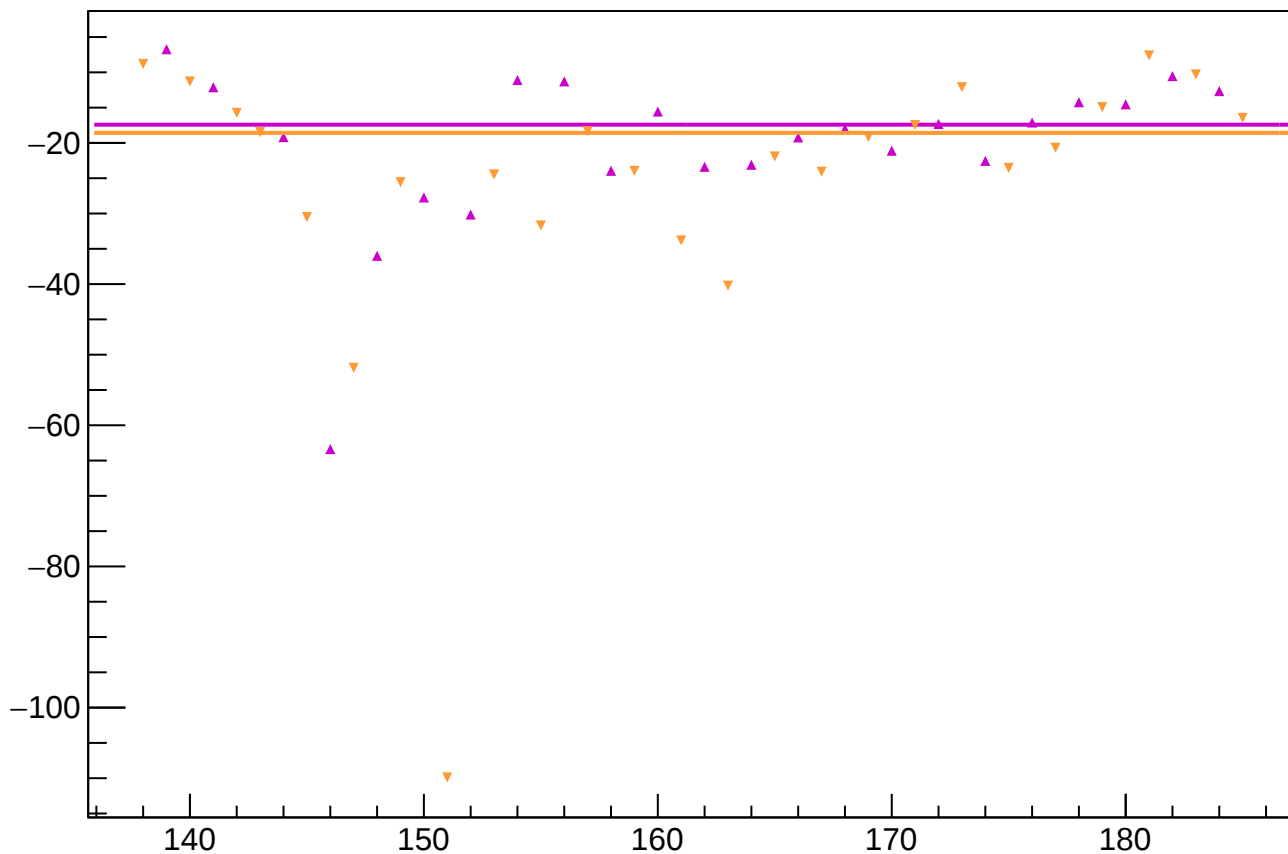
Left In: 0.090 $\pm$ 0.002 χ^2 /NDF: 3676.5/22

+ sign 0.127 $\pm$ 0.002 χ^2 /NDF: 5476.1/41

All: 0.117 $\pm$ 0.001 χ^2 /NDF: 11242.7/83

- sign 0.108 $\pm$ 0.001 χ^2 /NDF: 5682.8/41

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -18.573 $\pm$ 0.040 χ^2 /NDF:86355.7/24

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

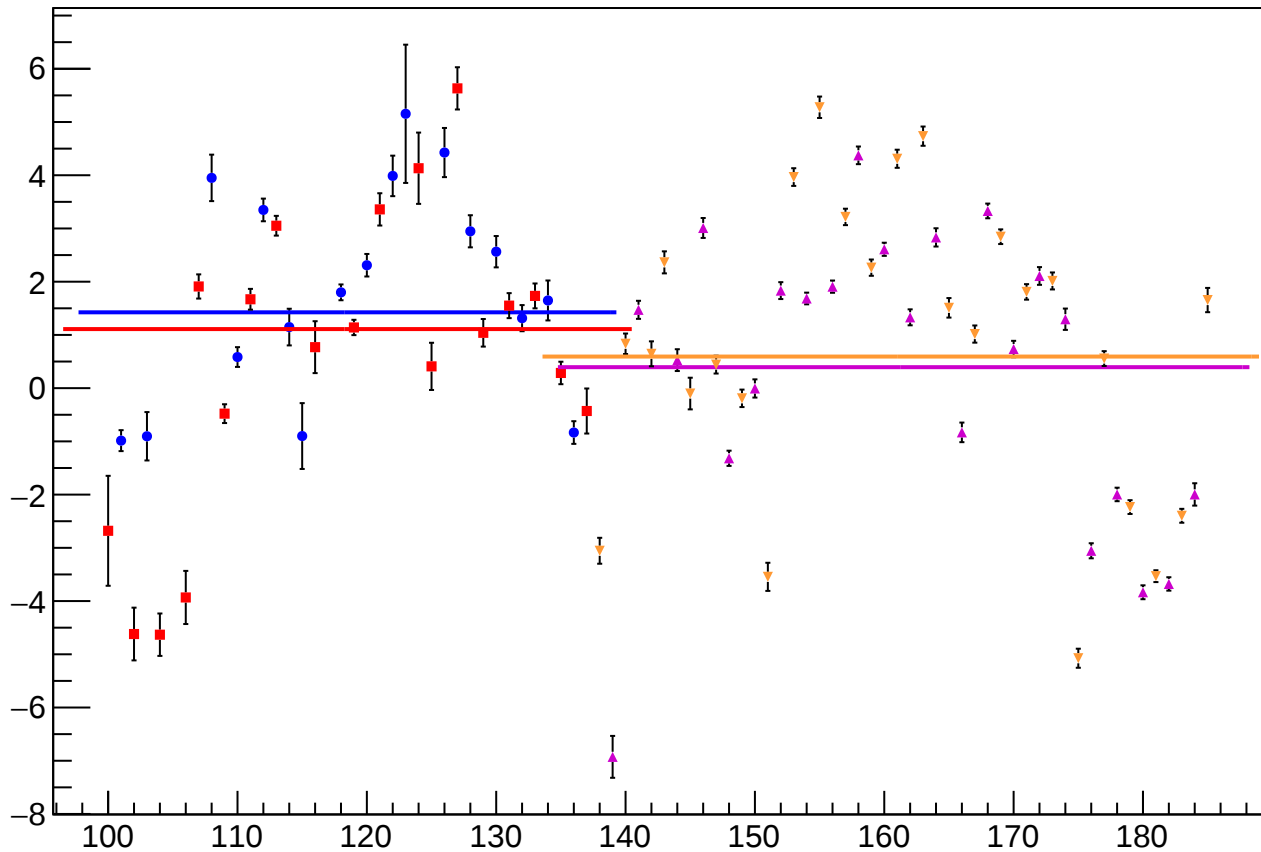
Left In: -17.414 $\pm$ 0.039 χ^2 /NDF:43504.1/22

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

All: -17.982 $\pm$ 0.028 χ^2 /NDF: 130285.5/47

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

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.425 $\pm$ 0.064 χ^2/NDF : 599.8/16

Left Out: 0.593 $\pm$ 0.033 χ^2/NDF : 6783.0/24

Right Out: 1.110 $\pm$ 0.060 χ^2/NDF : 915.7/18

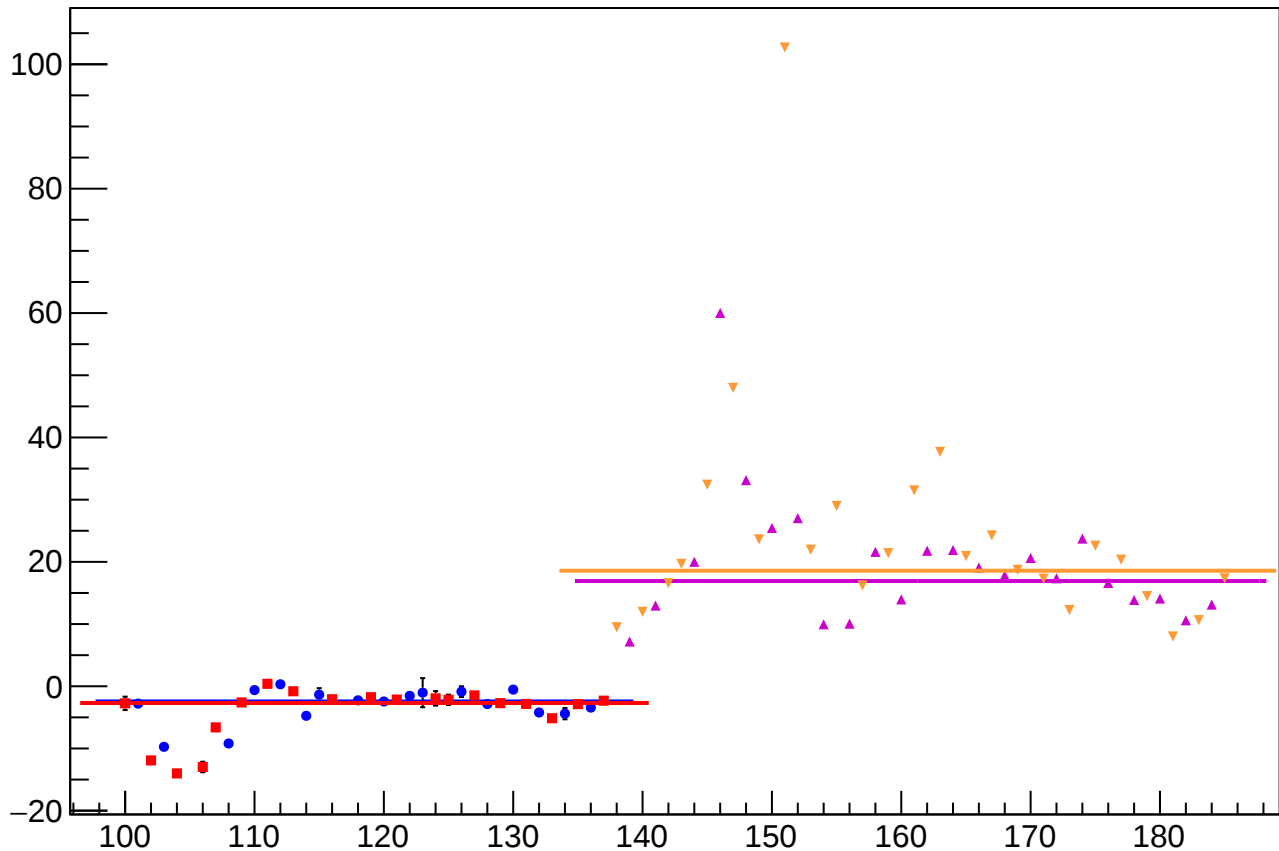
Left In: 0.394 $\pm$ 0.032 χ^2/NDF : 6059.8/22

+ sign 0.772 $\pm$ 0.030 χ^2/NDF : 7516.4/41

All: 0.655 $\pm$ 0.020 χ^2/NDF : 14633.0/83

- sign 0.550 $\pm$ 0.028 χ^2/NDF : 7087.0/41

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.446 ± 0.115 χ^2/NDF : 426.7/16

Left Out: 18.579 ± 0.040 χ^2/NDF : 76003.4/24

Right Out: -2.686 ± 0.103 χ^2/NDF : 831.5/18

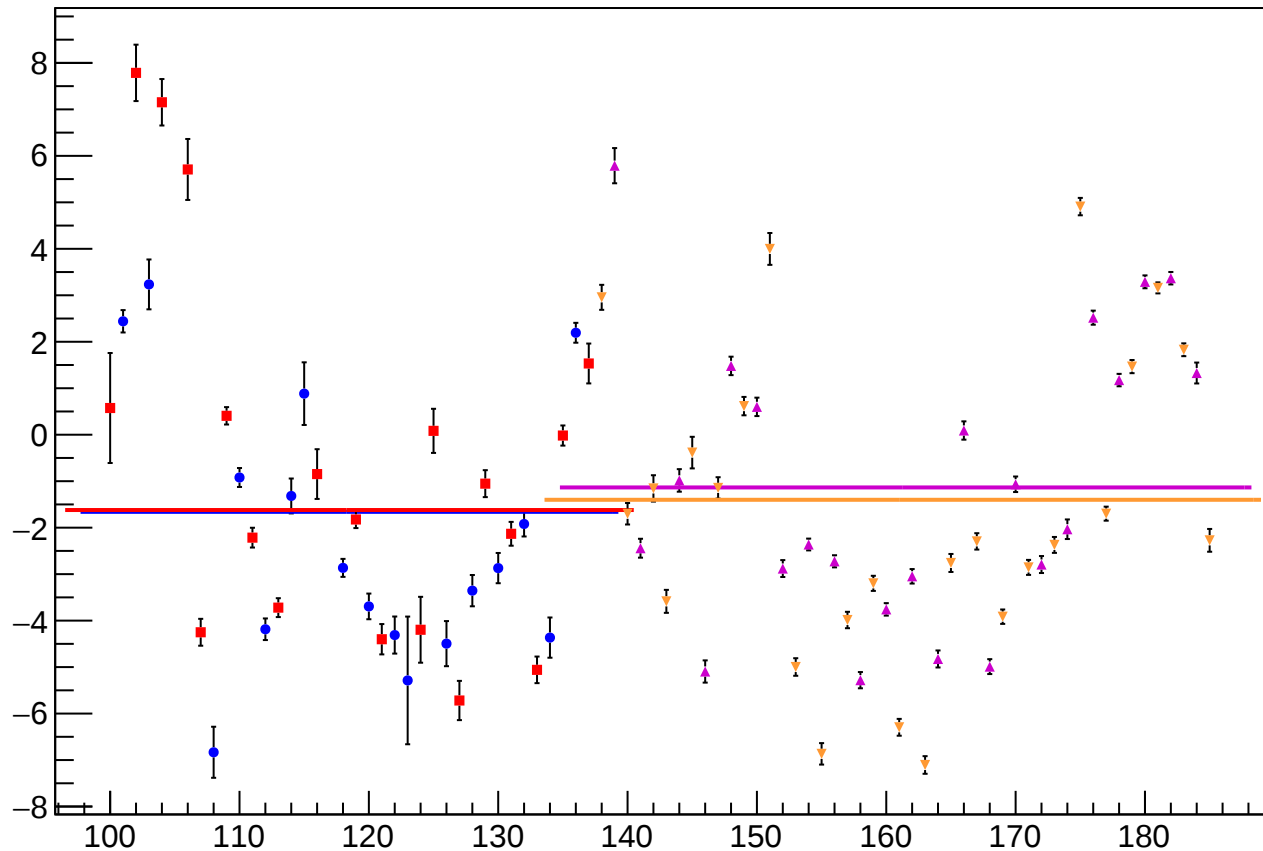
Left In: 16.919 ± 0.039 χ^2/NDF : 40154.5/22

+ sign 16.292 ± 0.038 χ^2/NDF : 106063.7/41

All: 15.347 ± 0.026 χ^2/NDF : 179827.0/83

- sign 14.479 ± 0.036 χ^2/NDF : 72577.2/41

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.659 ± 0.073 $\chi^2/\text{NDF}: 1190.9/16$

Left Out: -1.400 ± 0.037 $\chi^2/\text{NDF}: 7636.1/24$

Right Out: -1.620 ± 0.068 $\chi^2/\text{NDF}: 1448.8/18$

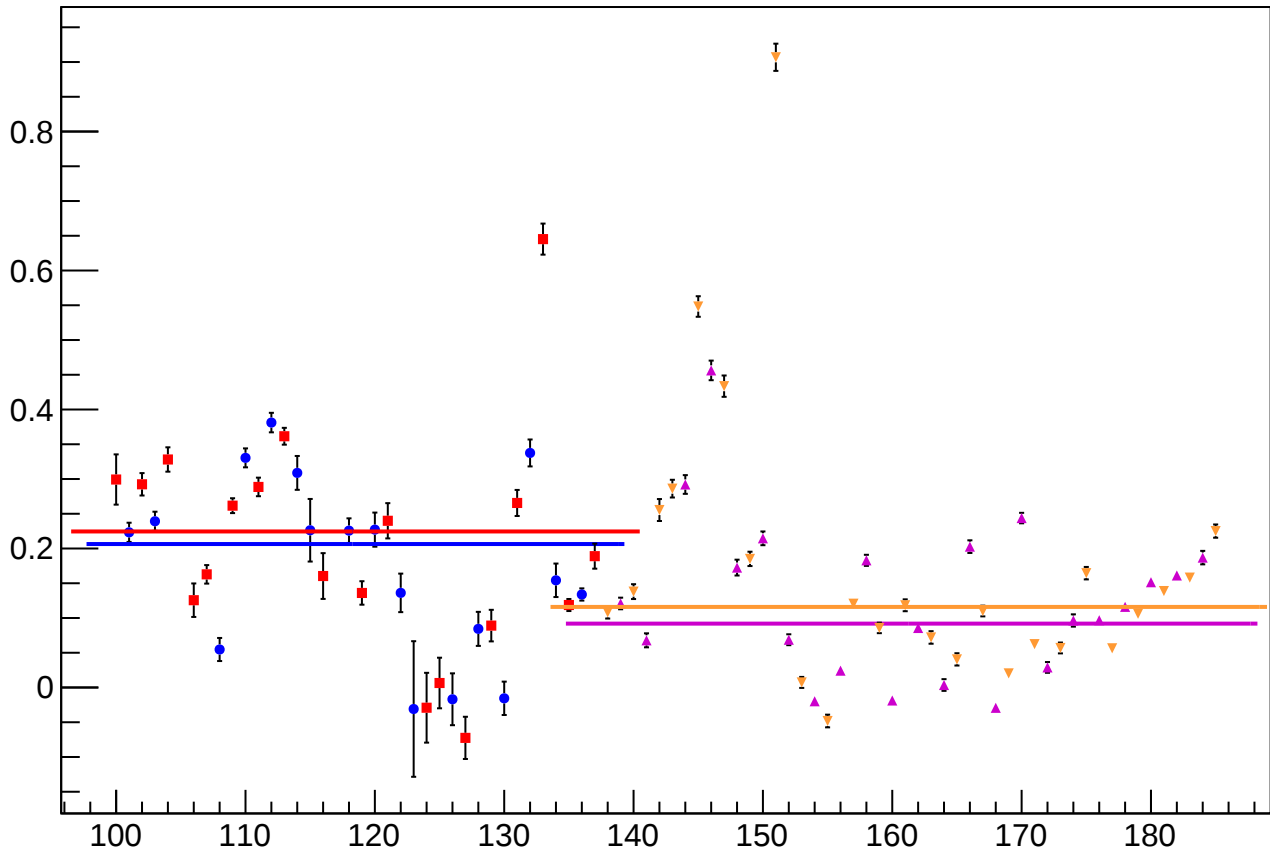
Left In: -1.135 ± 0.035 $\chi^2/\text{NDF}: 6597.7/22$

+ sign -1.453 ± 0.033 $\chi^2/\text{NDF}: 8837.0/41$

All: -1.339 ± 0.023 $\chi^2/\text{NDF}: 16946.2/83$

- sign -1.237 ± 0.031 $\chi^2/\text{NDF}: 8086.8/41$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 625.2/16

Left Out: 0.116 ± 0.002 χ^2/NDF : 4462.7/24

Right Out: 0.225 ± 0.004 χ^2/NDF : 995.0/18

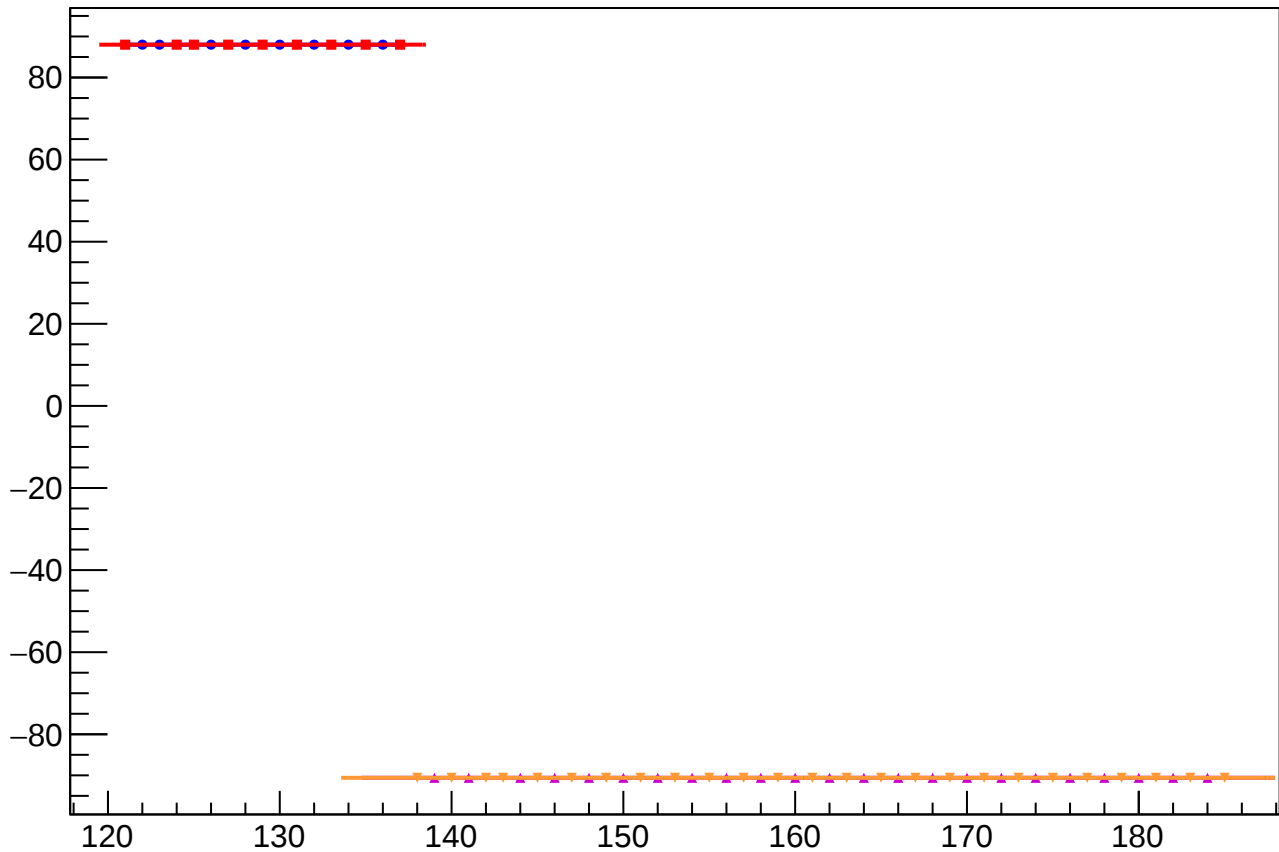
Left In: 0.092 ± 0.002 χ^2/NDF : 3631.4/22

+ sign 0.128 ± 0.002 χ^2/NDF : 5476.4/41

All: 0.118 ± 0.001 χ^2/NDF : 11194.5/83

- sign 0.111 ± 0.001 χ^2/NDF : 5652.1/41

VWienAngle_mean vs Slug



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 922500.3/7

Left Out: -90.599 $\pm$ 0.000 χ^2 /NDF: 6416910.1/24

Right Out: 88.001 $\pm$ 0.000 χ^2 /NDF: 211440.0/8

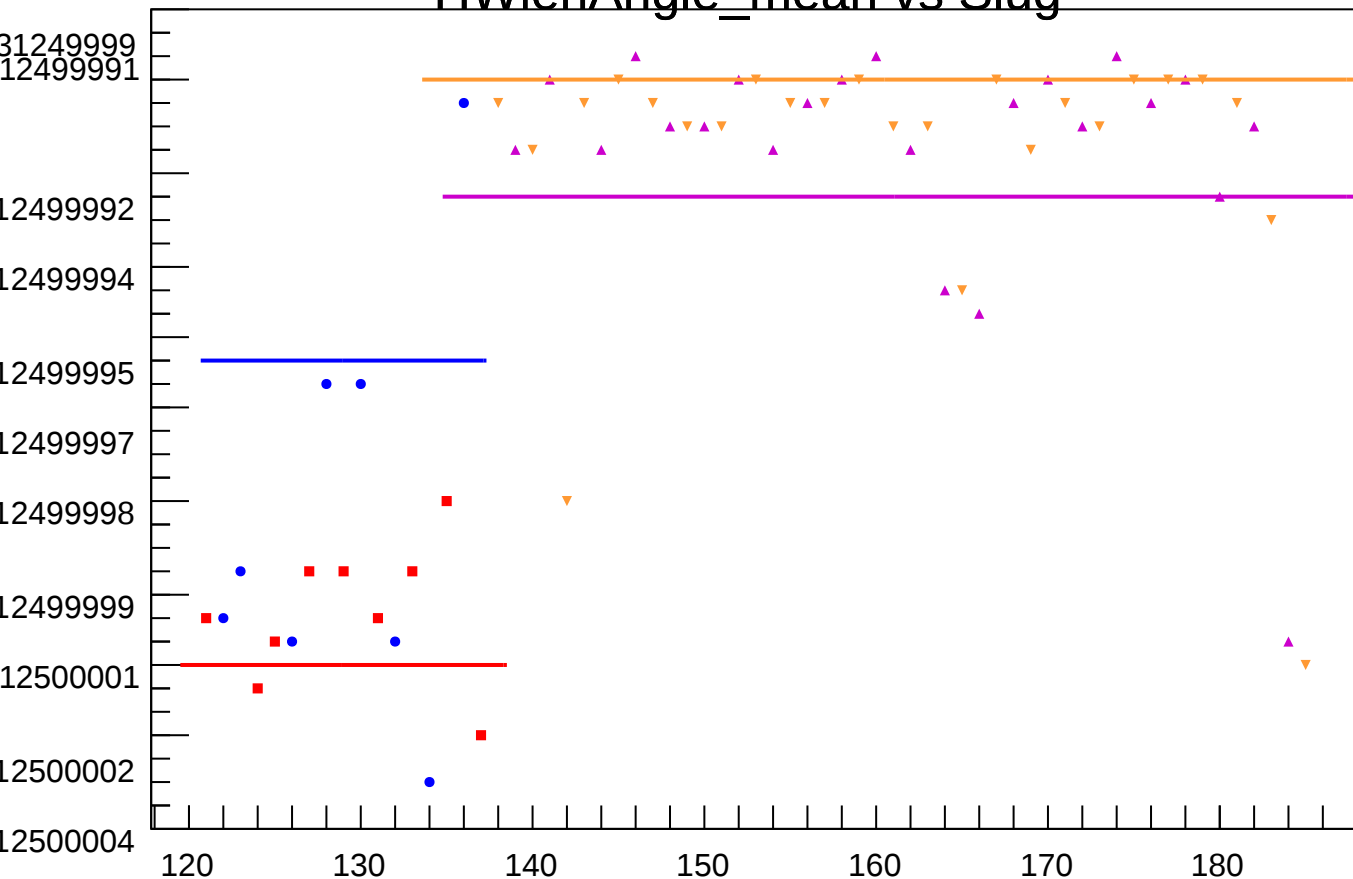
Left In: -90.599 $\pm$ 0.000 χ^2 /NDF: 5932436.0/22

+ sign -63.666 $\pm$ 0.000 χ^2 /NDF: 918273875087187

All: -63.826 $\pm$ 0.000 χ^2 /NDF: 177882152073

- sign -63.994 $\pm$ 0.000 χ^2 /NDF: 860535909892855

HWienAngle_mean vs Slug



Right In: -29.641 ± 0.000 χ^2/NDF : 433709.4/7

Left Out: -29.641 ± 0.000 χ^2/NDF : 541007.1/24

Right Out: -29.641 ± 0.000 χ^2/NDF : 61505.9/8

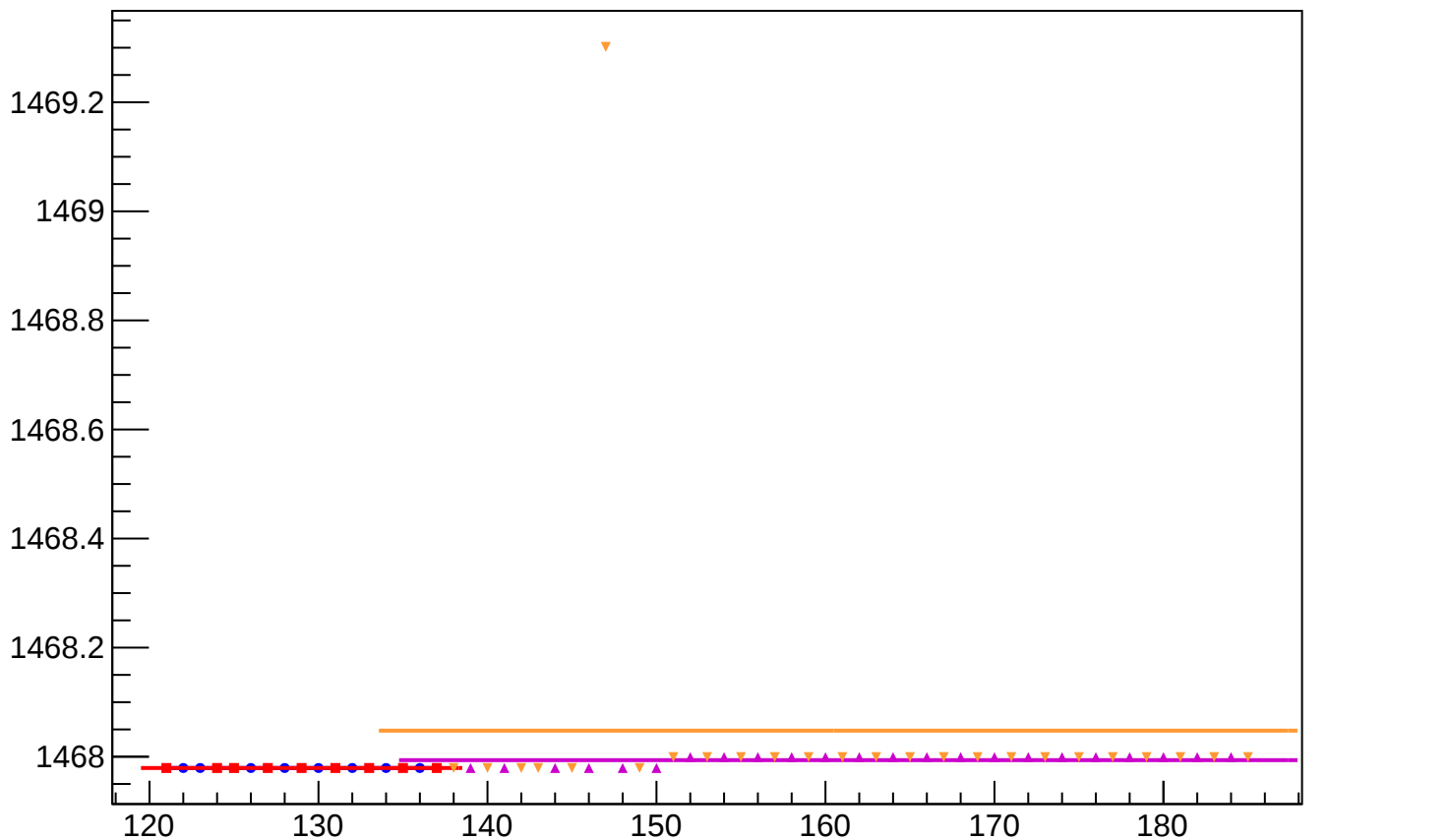
Left In: -29.641 ± 0.000 χ^2/NDF : 511825.6/22

+ sign -29.641 ± 0.000 χ^2/NDF : 1392042.9/32

All: -29.641 ± 0.000 χ^2/NDF : 4844931.2/64

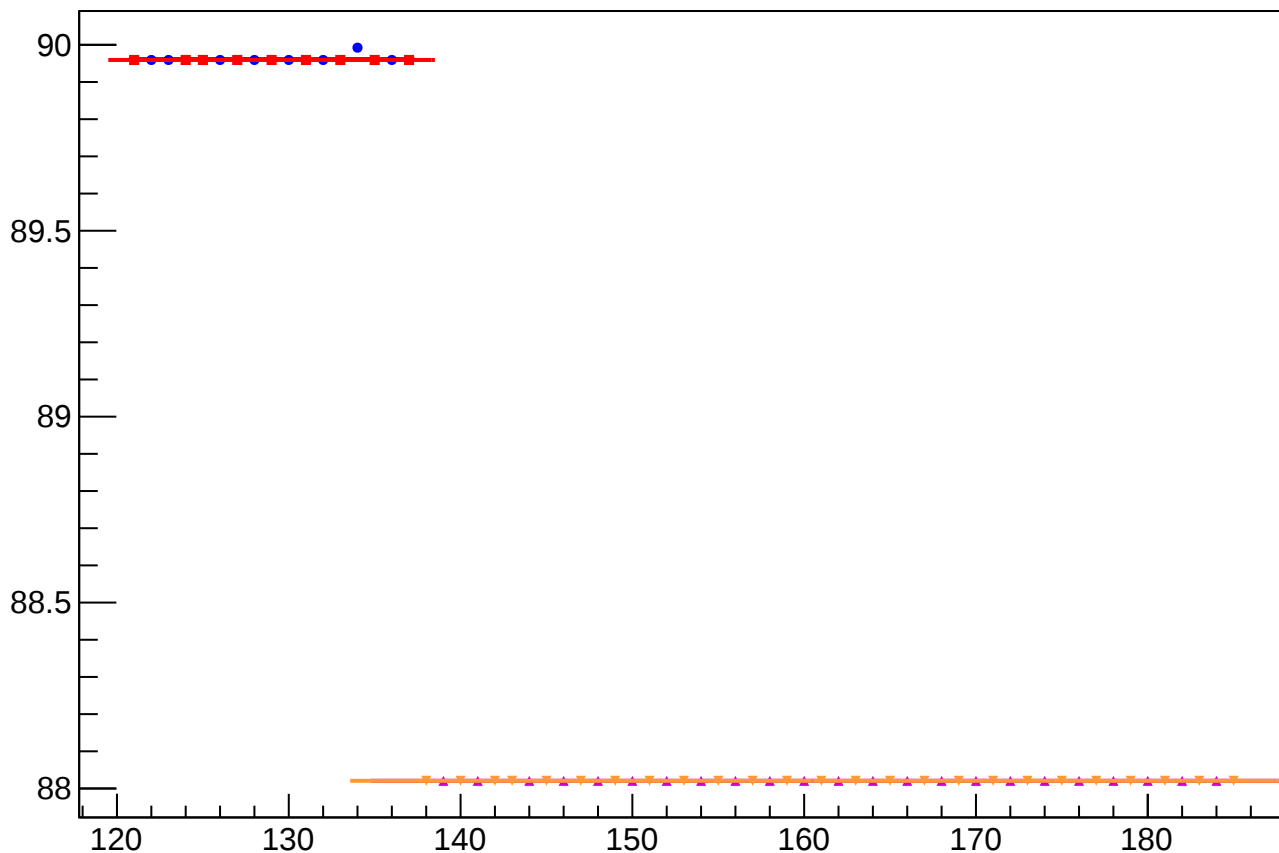
- sign -29.641 ± 0.000 χ^2/NDF : 1691620.7/31

psub_pl_pos_mean vs Slug



Right In: 1467.979 $\pm$ 0.000 χ^2 /NDF: 426876894.9/7
 Left Out: 1468.048 $\pm$ 0.000 χ^2 /NDF: 127958629575979957173840213180416.0/24
 Right Out: 1467.979 $\pm$ 0.000 χ^2 /NDF: 100967733.5/8
 Left In: 1467.994 $\pm$ 0.000 χ^2 /NDF: 145848702340275035310993178624.0/22
 + sign 1468.037 $\pm$ 0.000 χ^2 /NDF: 12930956138872
 All: 1468.015 $\pm$ 0.000 χ^2 /NDF: 13181536285
 - sign 1467.992 $\pm$ 0.000 χ^2 /NDF: 20188251873376

Phi_FG_mean vs Slug



Right In: 89.961+/-0.000 χ^2/NDF : 21516176742595877338351665152.0/7

Left Out: 88.021+/-0.000 χ^2/NDF : 5593768.5/24

Right Out: 89.959+/-0.000 χ^2/NDF : 437824.1/8

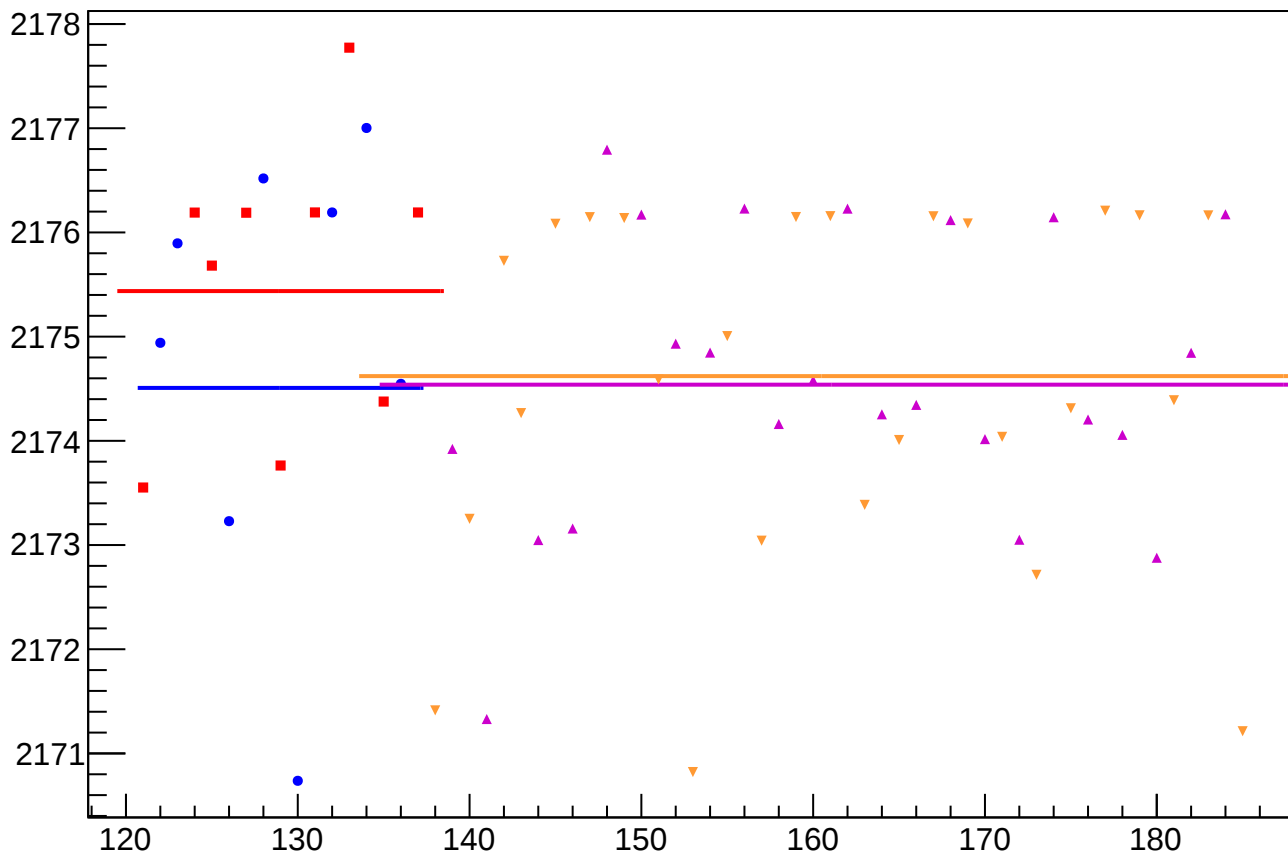
Left In: 88.021+/-0.000 χ^2/NDF : 6084099.2/22

+ sign 88.313+/-0.000 χ^2/NDF : 1084197396724012

All: 88.311+/-0.000 χ^2/NDF : 2098077735023

- sign 88.309+/-0.000 χ^2/NDF : 1013864006713317

HALLA_p_mean vs Slug



Right In: 2174.508 $\pm$ 0.000 χ^2 /NDF: 1288672467722248839202216695824384.0/7

Left Out: 2174.621 $\pm$ 0.000 χ^2 /NDF: 5107988213770634466462356698300416.0/24

Right Out: 2175.437 $\pm$ 0.000 χ^2 /NDF: 609897805551545828750017702133760.0/8

Left In: 2174.539 $\pm$ 0.000 χ^2 /NDF: 3400742562425168967494665391570944.0/22

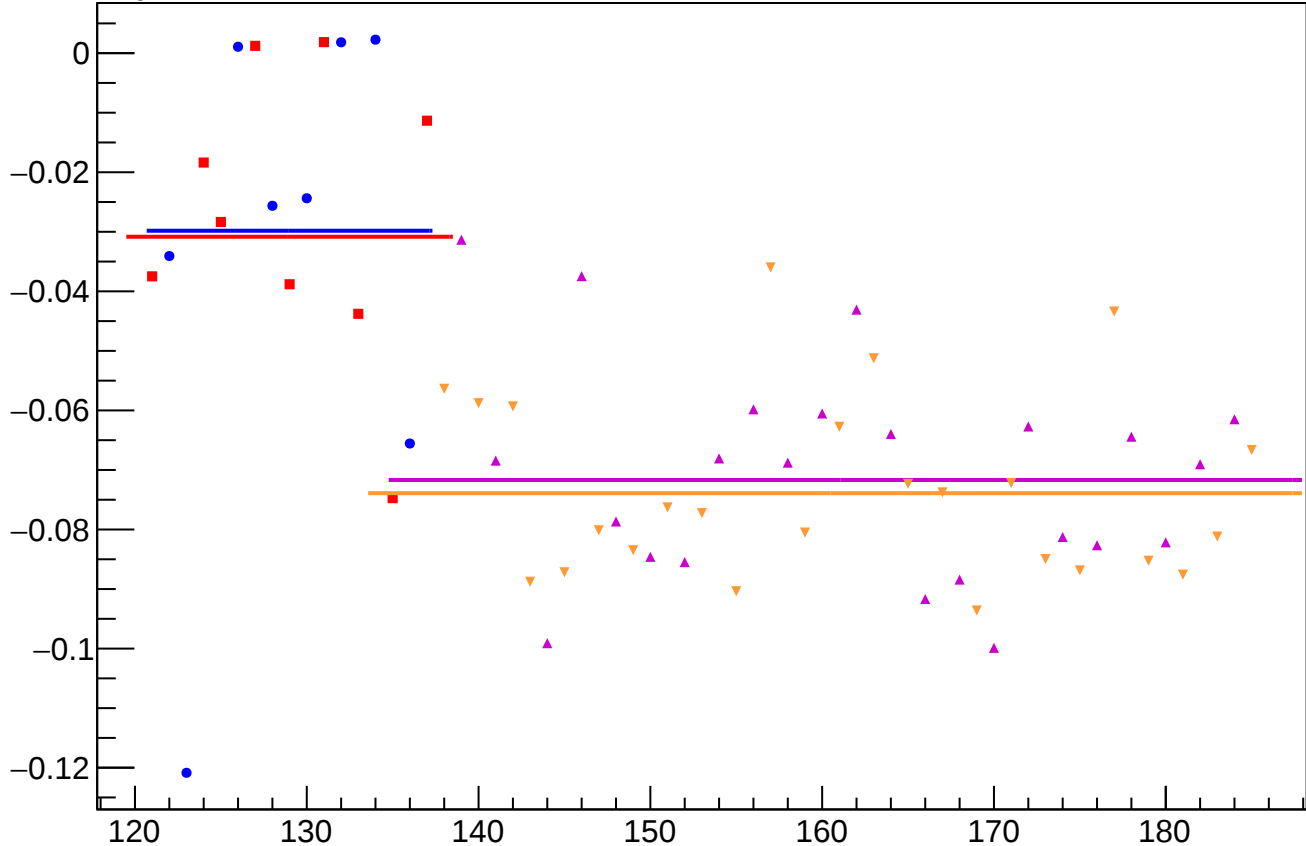
+ sign 2174.604 $\pm$ 0.000 χ^2 /NDF: 64003485673000

All: 2174.637 $\pm$ 0.000 χ^2 /NDF: 10633795838

- sign 2174.673 $\pm$ 0.000 χ^2 /NDF: 42282894979277

HALLA_dpp_mean vs Slug

$\times 10^{-3}$



Right In: -0.000 ± 0.000 χ^2/NDF : 248631969637472403456000.0/7

Left Out: -0.000 ± 0.000 χ^2/NDF : 451458968579152191422464.0/24

Right Out: -0.000 ± 0.000 χ^2/NDF : 195498158247260480077824.0/8

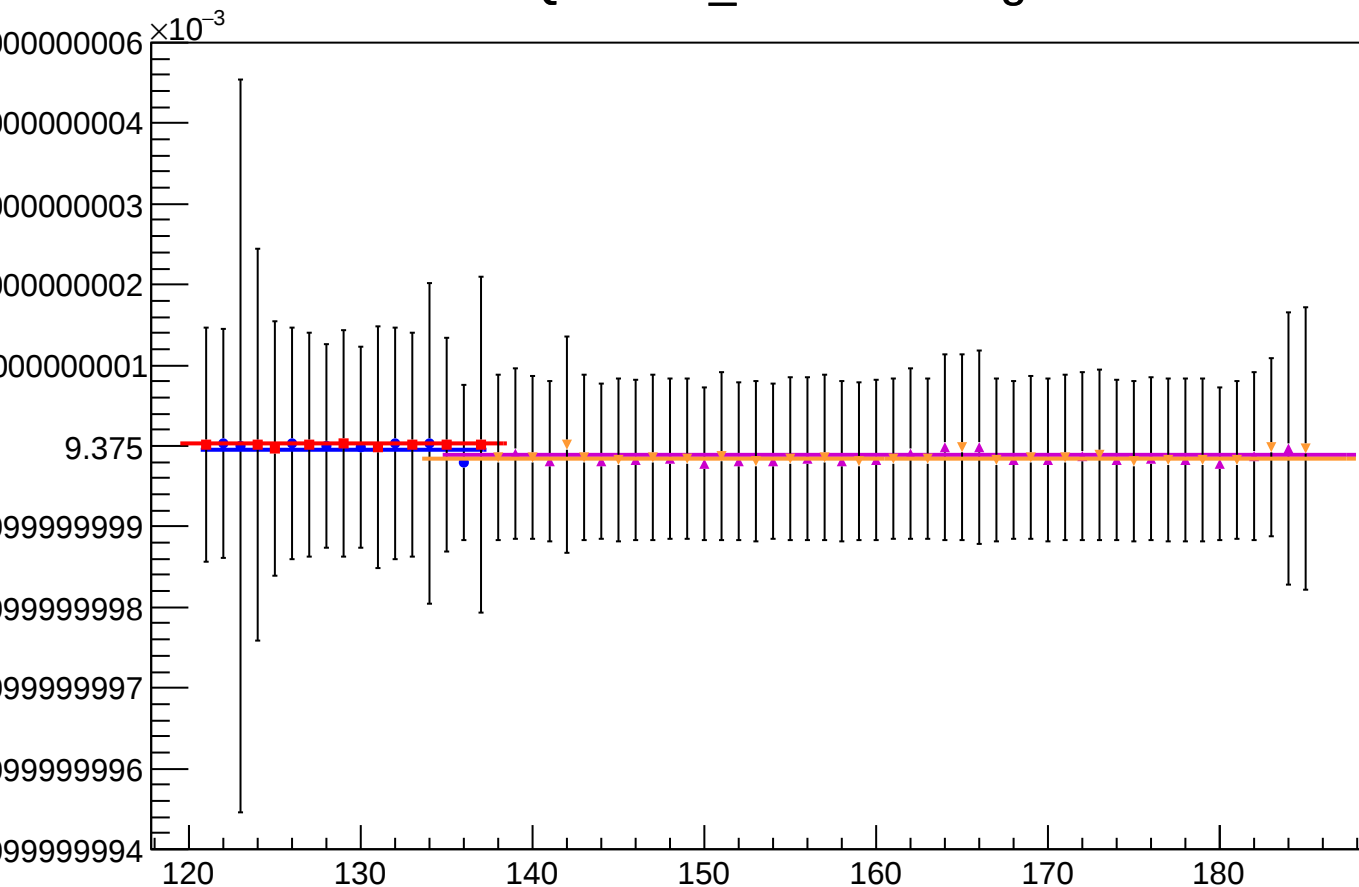
Left In: -0.000 ± 0.000 χ^2/NDF : 562166279020739416817664.0/22

+ sign -0.000 ± 0.000 χ^2/NDF : 1259319220222382

All: -0.000 ± 0.000 χ^2/NDF : 2470157537236

- sign -0.000 ± 0.000 χ^2/NDF : 12078422344417125

MQ171LM_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/24

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

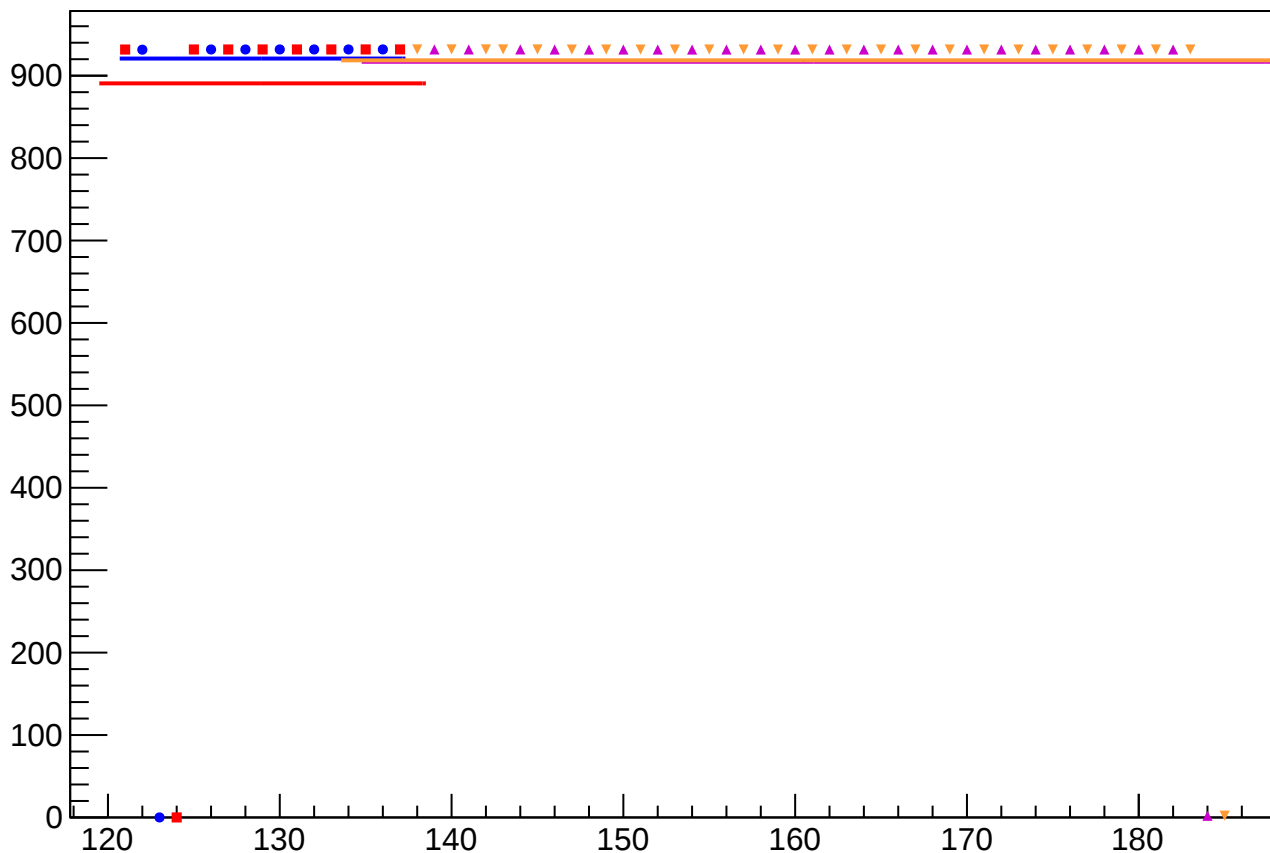
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/22

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/32

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.3/64

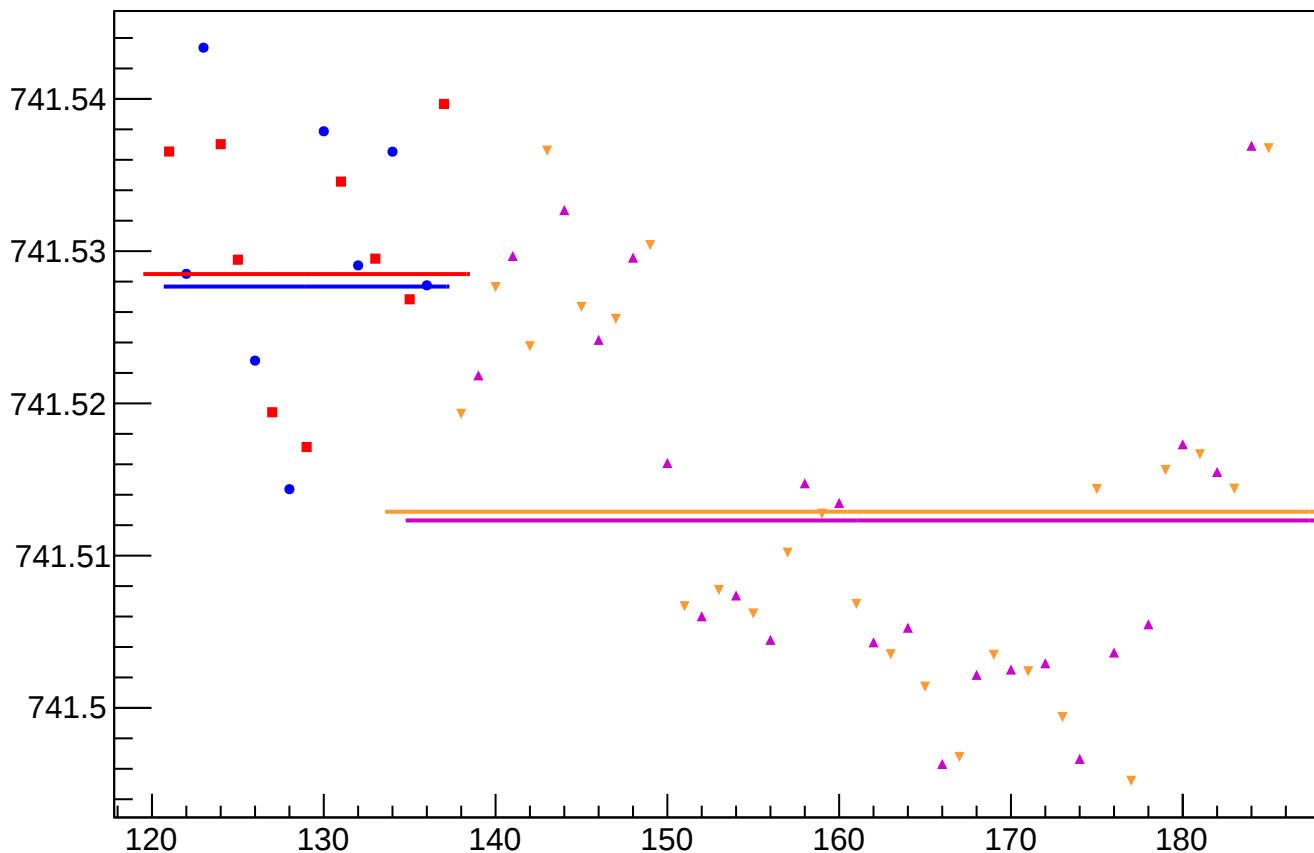
- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.2/31

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 920.801+/-0.000 χ^2/NDF : 3431767977579138653856652958525030400.0/7
 Left Out: 918.638+/-0.000 χ^2/NDF : 23003325279230039893351263571466518528.0/24
 Right Out: 890.665+/-0.000 χ^2/NDF : 11618305184314211867640193192732655616.0/8
 Left In: 916.890+/-0.000 χ^2/NDF : 24667894917476231250286944388888133632.0/22

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.528 $\pm$ 0.000 χ^2 /NDF: 18410222451199973732634329088.0/7

Left Out: 741.513 $\pm$ 0.000 χ^2 /NDF: 244748642492393137127532003328.0/24

Right Out: 741.528 $\pm$ 0.000 χ^2 /NDF: 16449370370749481853797793792.0/8

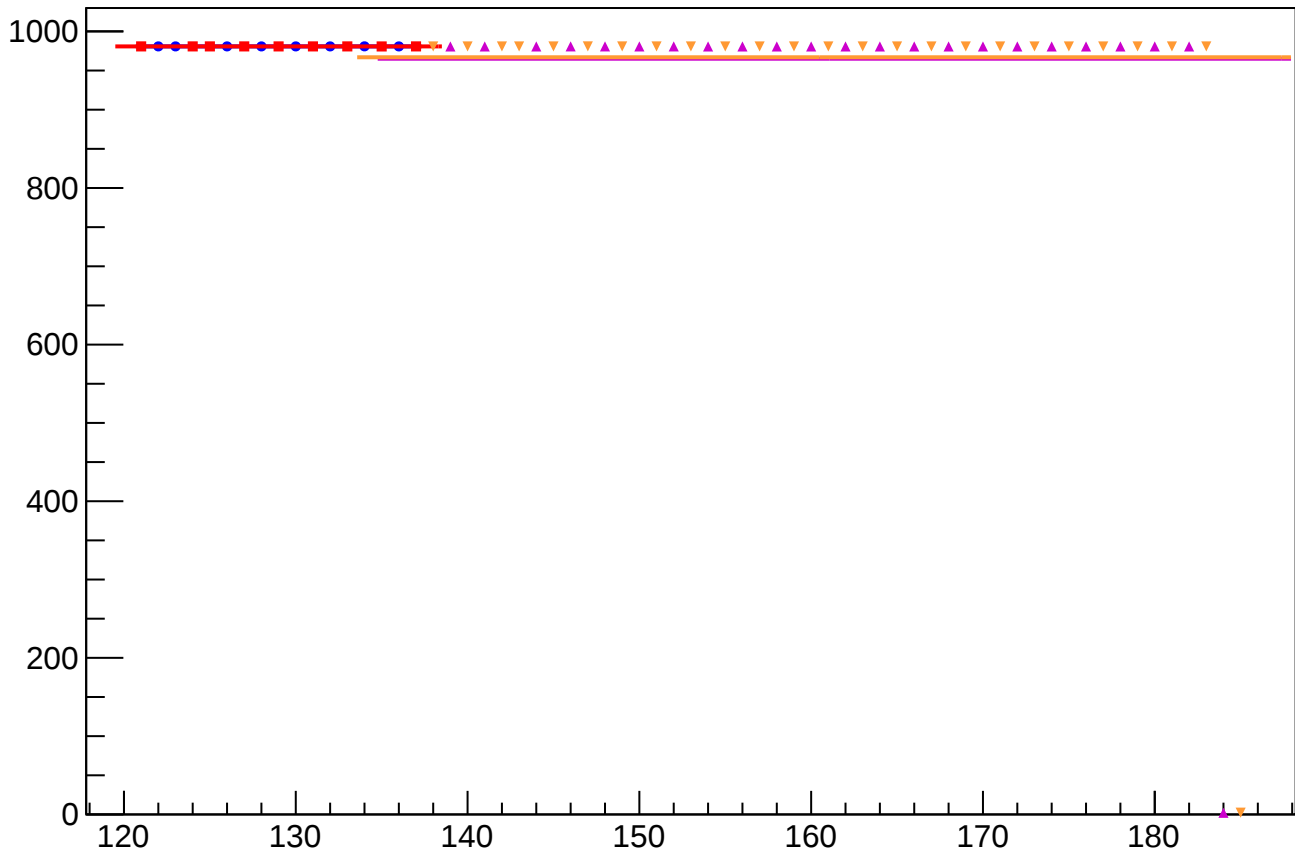
Left In: 741.512 $\pm$ 0.000 χ^2 /NDF: 215375309108434607405602439168.0/22

+ sign 741.515 $\pm$ 0.000 χ^2 /NDF: 326112269340031

All: 741.515 $\pm$ 0.000 χ^2 /NDF: 628761374226

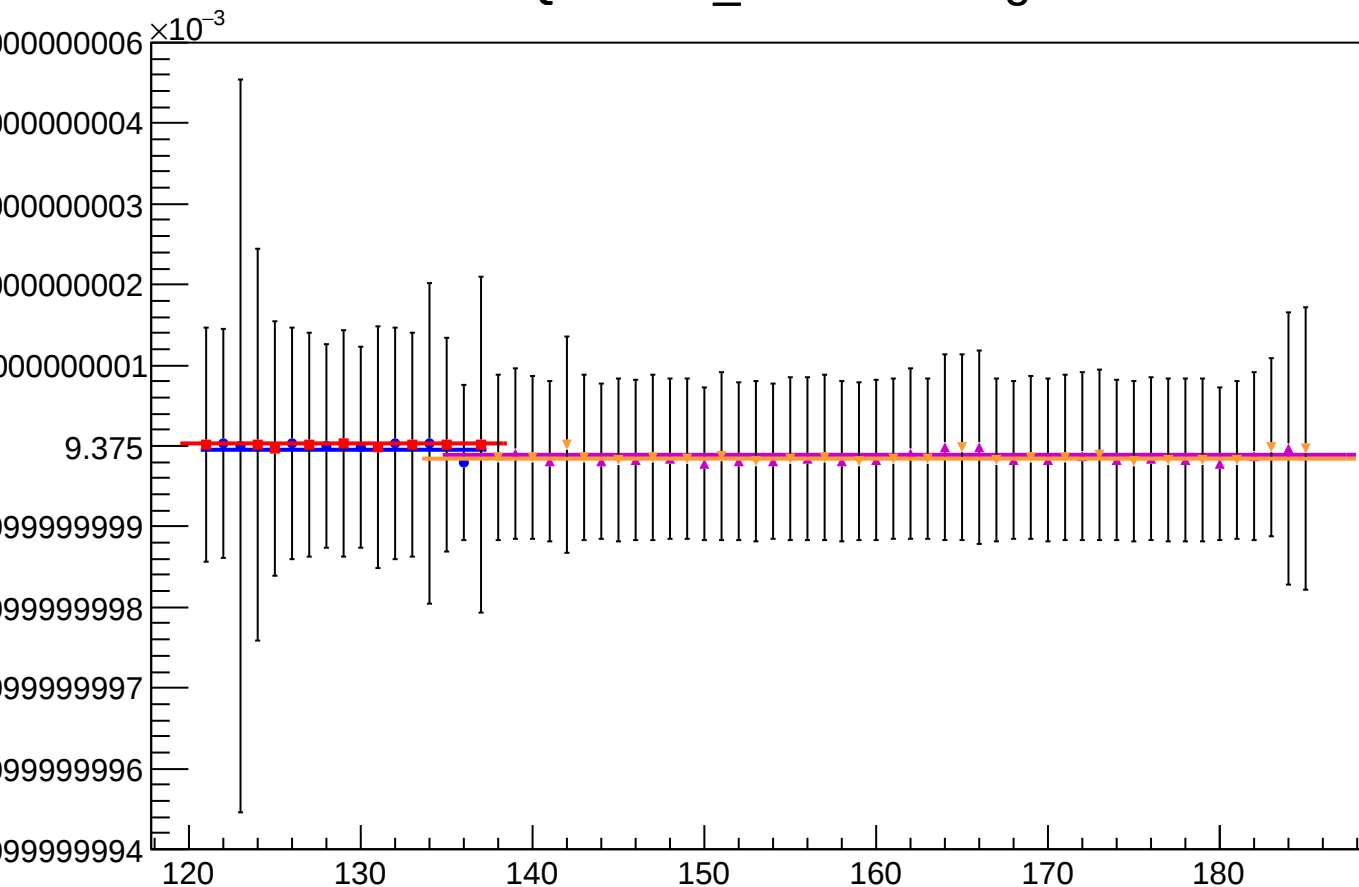
- sign 741.515 $\pm$ 0.000 χ^2 /NDF: 302479387042949

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.825+/-0.000 χ^2/NDF : 159096869175585744562040078336.0/7
 Left Out: 966.929+/-0.000 χ^2/NDF : 25485386701182920480425971282325012480.0/24
 Right Out: 980.818+/-0.000 χ^2/NDF : 143449983287257544108372131840.0/8
 Left In: 965.102+/-0.000 χ^2/NDF : 27330319430012441419356351914146004992.0/22
 All: 968.255+/-0.000 χ^2/NDF : 529406657859
 + sign 969.024+/-0.000 χ^2/NDF : 255409807405793
 - sign 967.443+/-0.000 χ^2/NDF : 273969522592512

MQ172RM_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/24

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

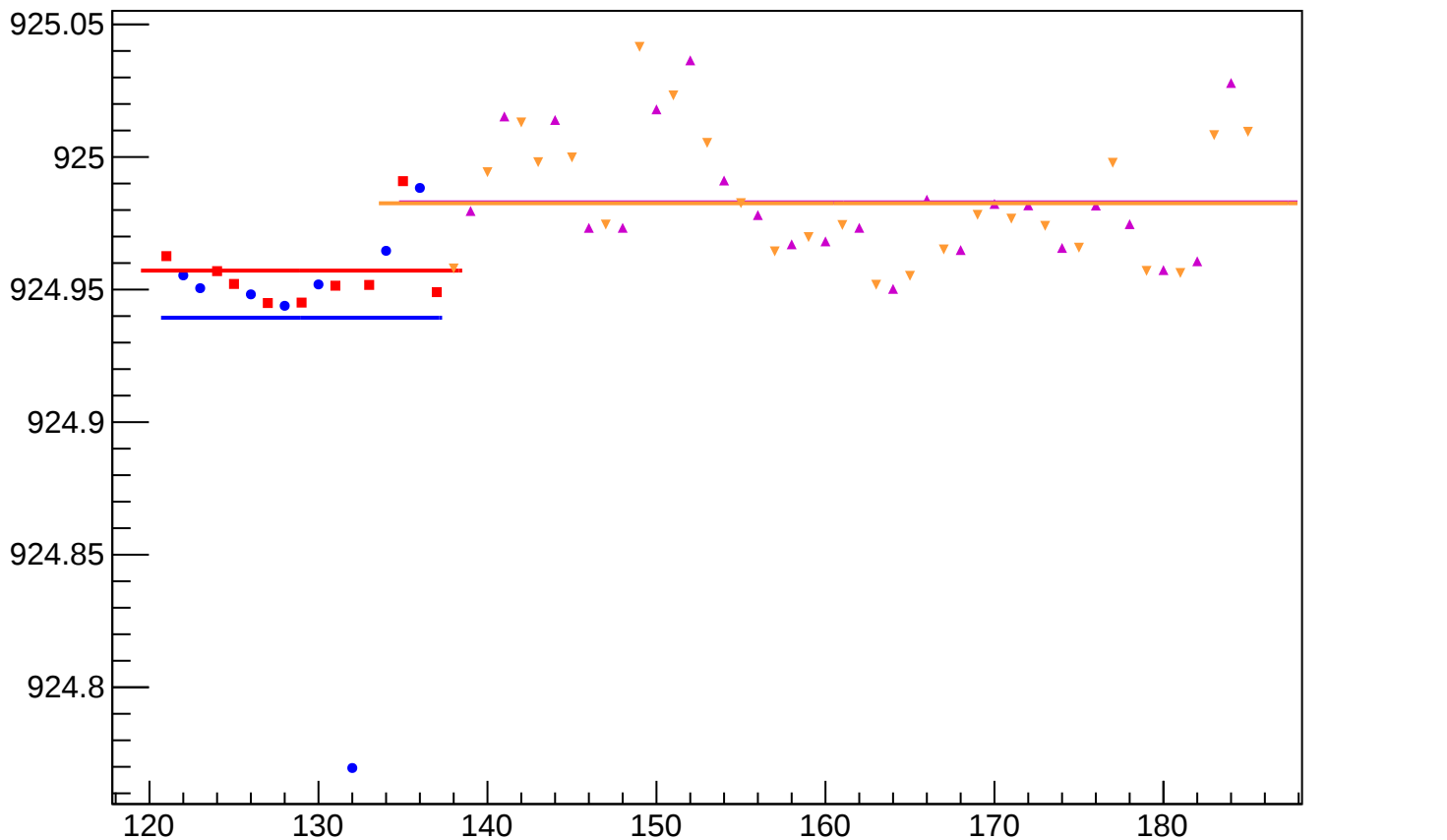
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/22

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/32

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.3/64

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.2/31

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.939 ± 0.000 $\chi^2/\text{NDF}: 1401388477255469733232112566272.0/7$

Left Out: 924.983 ± 0.000 $\chi^2/\text{NDF}: 1037610446878913351306755178496.0/24$

Right Out: 924.957 ± 0.000 $\chi^2/\text{NDF}: 71753961121998015100639772672.0/8$

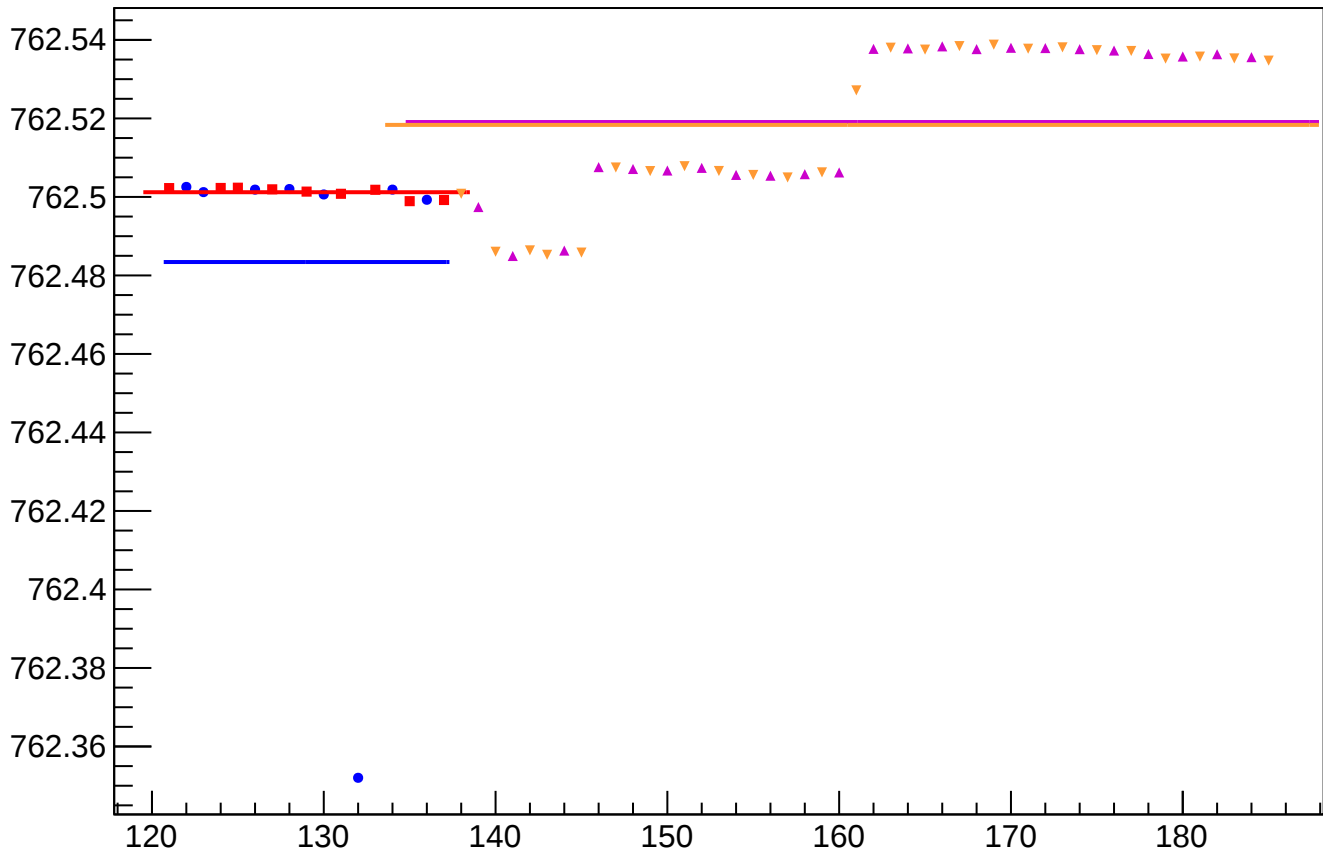
Left In: 924.983 ± 0.000 $\chi^2/\text{NDF}: 888539224321534960792212865024.0/22$

+ sign 924.976 ± 0.000 $\chi^2/\text{NDF}: 297578218163133$

All: 924.978 ± 0.000 $\chi^2/\text{NDF}: 412478135823$

- sign 924.979 ± 0.000 $\chi^2/\text{NDF}: 113902250784928$

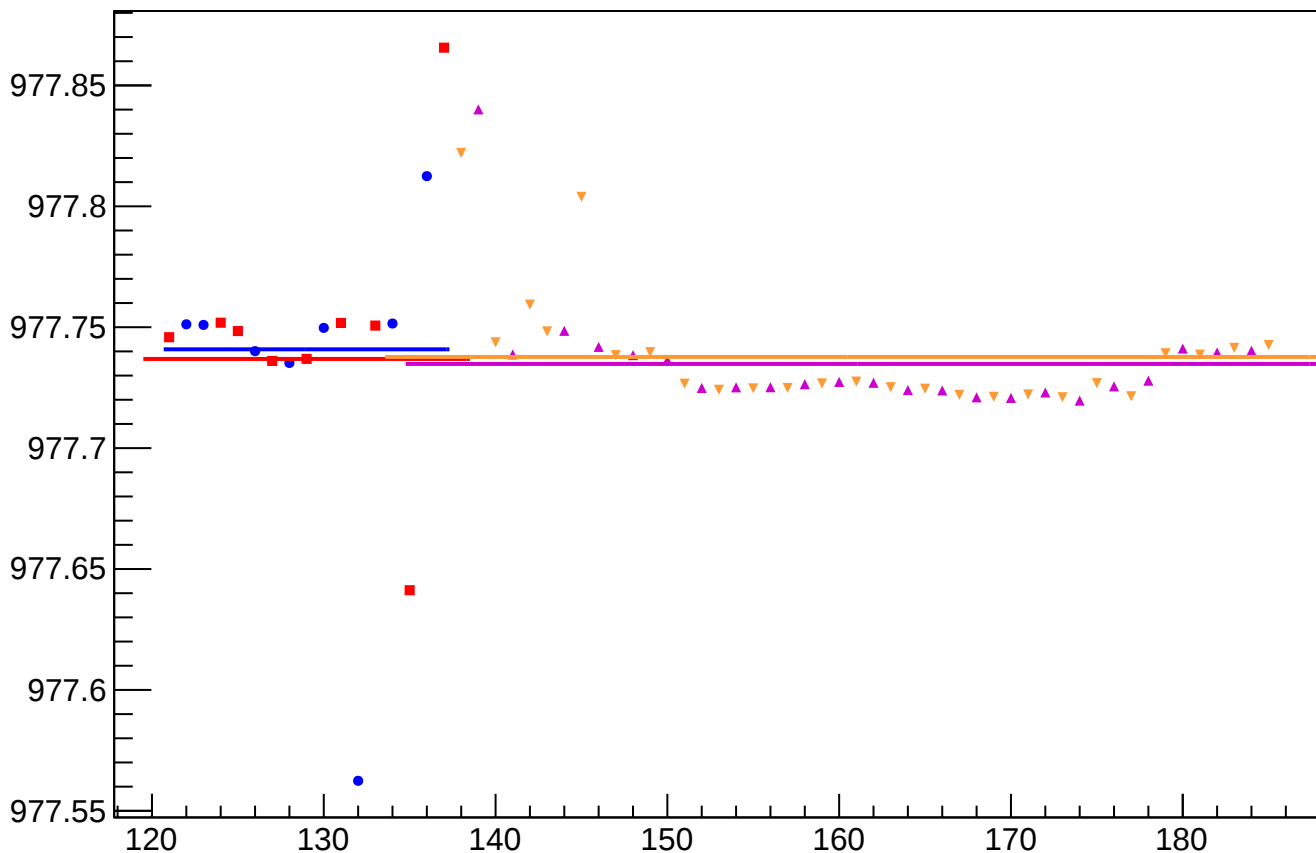
HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 762.483 $\pm$ 0.000 χ^2 /NDF: 783456713793632421311688998912.0/7
 Left Out: 762.518 $\pm$ 0.000 χ^2 /NDF: 731518897977576323652094263296.0/24
 Right Out: 762.501 $\pm$ 0.000 χ^2 /NDF: 468364983766916667715616768.0/8
 Left In: 762.519 $\pm$ 0.000 χ^2 /NDF: 629058355419214408155297480704.0/22

+ sign 762.513 $\pm$ 0.000 χ^2 /NDF: 186630561115103
 All: 762.515 $\pm$ 0.000 χ^2 /NDF: 259428272709
 - sign 762.516 $\pm$ 0.000 χ^2 /NDF: 715810072123774

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.741 $\pm$ 0.000 χ^2 /NDF: 1738037233029946574744730992640.0/7

Left Out: 977.738 $\pm$ 0.000 χ^2 /NDF: 1154108514650044945571153707008.0/24

Right Out: 977.737 $\pm$ 0.000 χ^2 /NDF: 771953144544759396277170470912.0/8

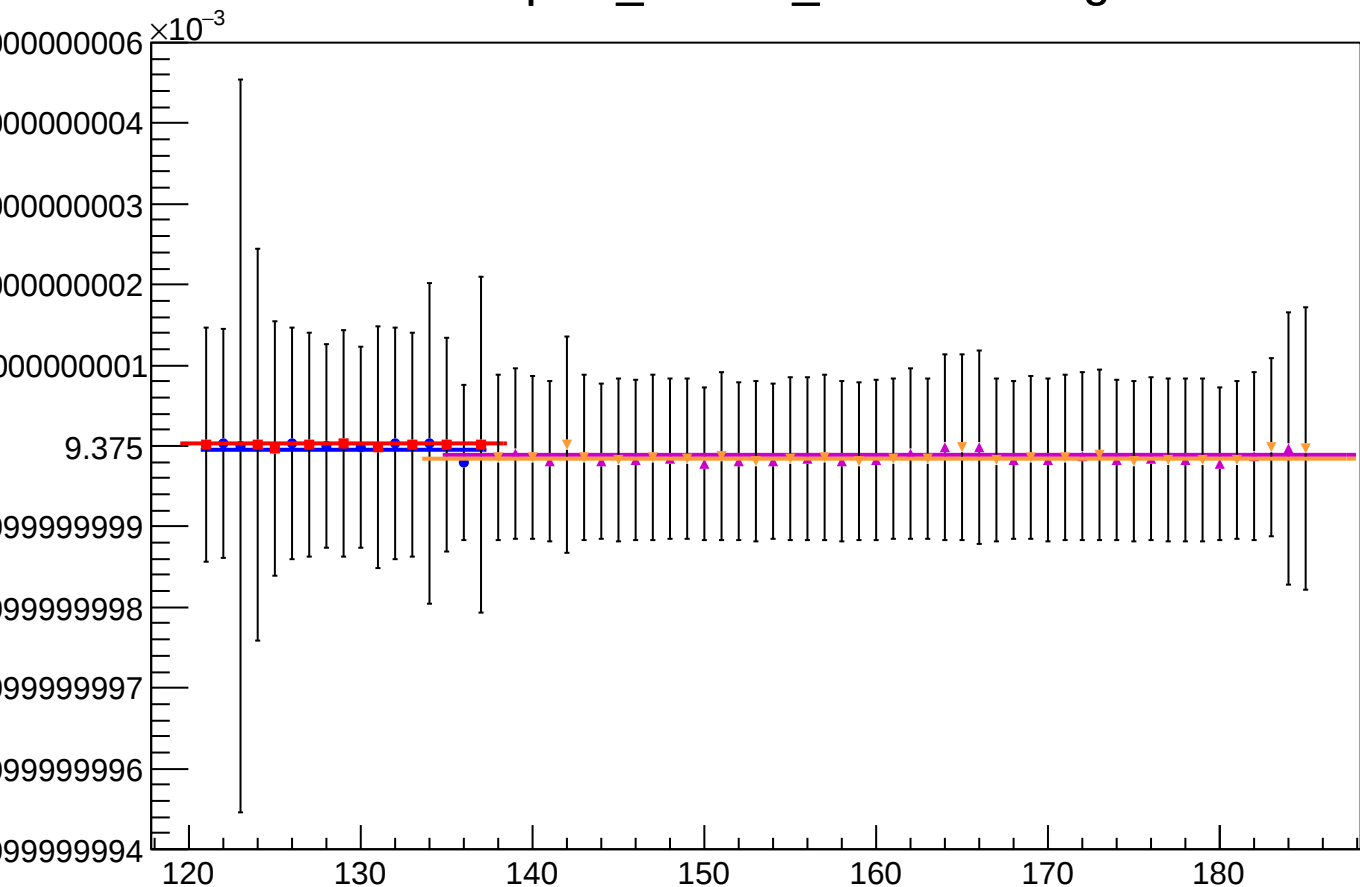
Left In: 977.735 $\pm$ 0.000 χ^2 /NDF: 976503887937607318263199432704.0/22

+ sign 977.738 $\pm$ 0.000 χ^2 /NDF: 289501015419887

All: 977.737 $\pm$ 0.000 χ^2 /NDF: 465480453072

- sign 977.735 $\pm$ 0.000 χ^2 /NDF: 174959973118170

hesDipole_current_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/24

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

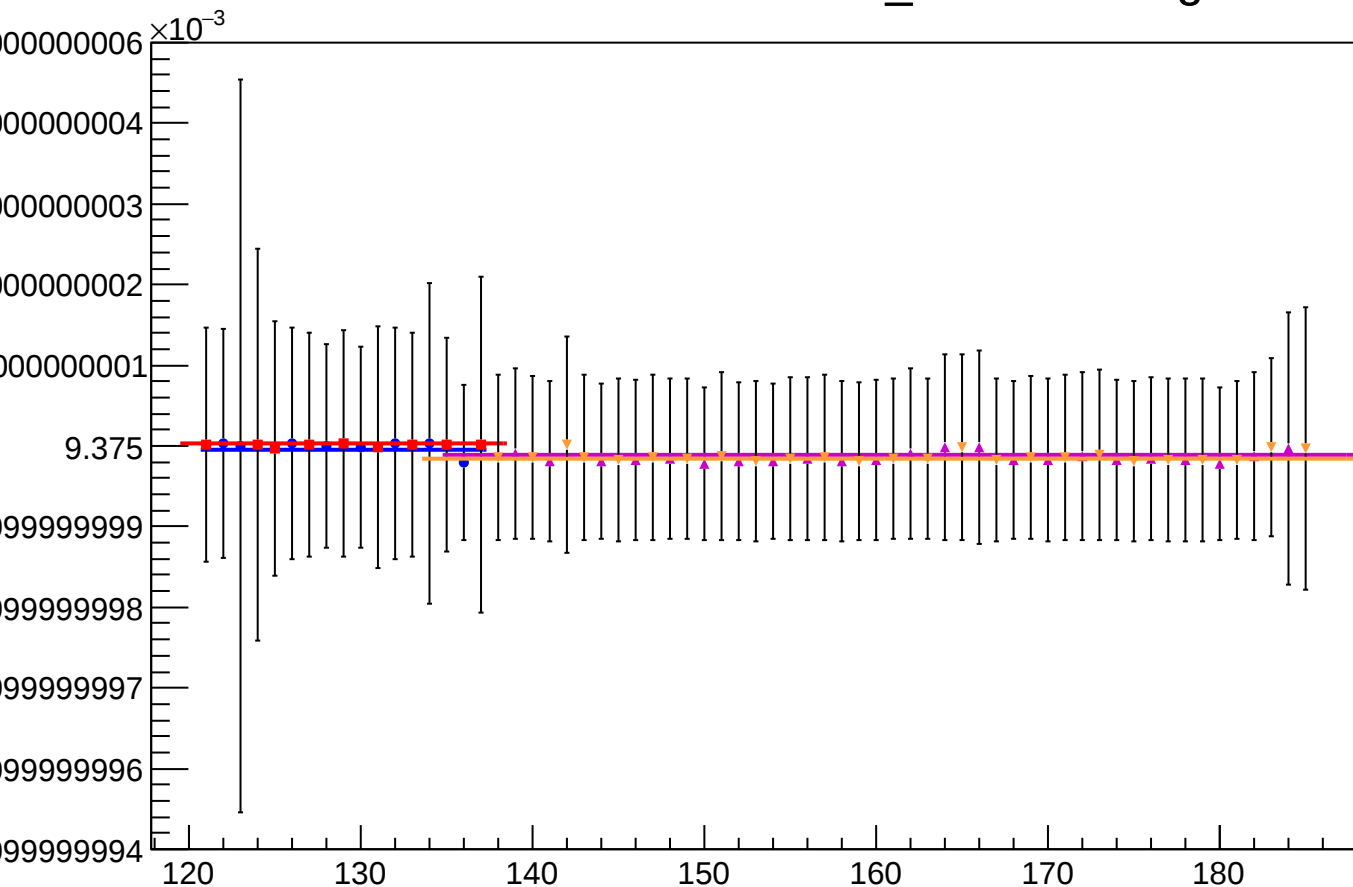
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/22

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/32

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.3/64

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.2/31

MSUPERBIGBITereadcalc_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/24

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

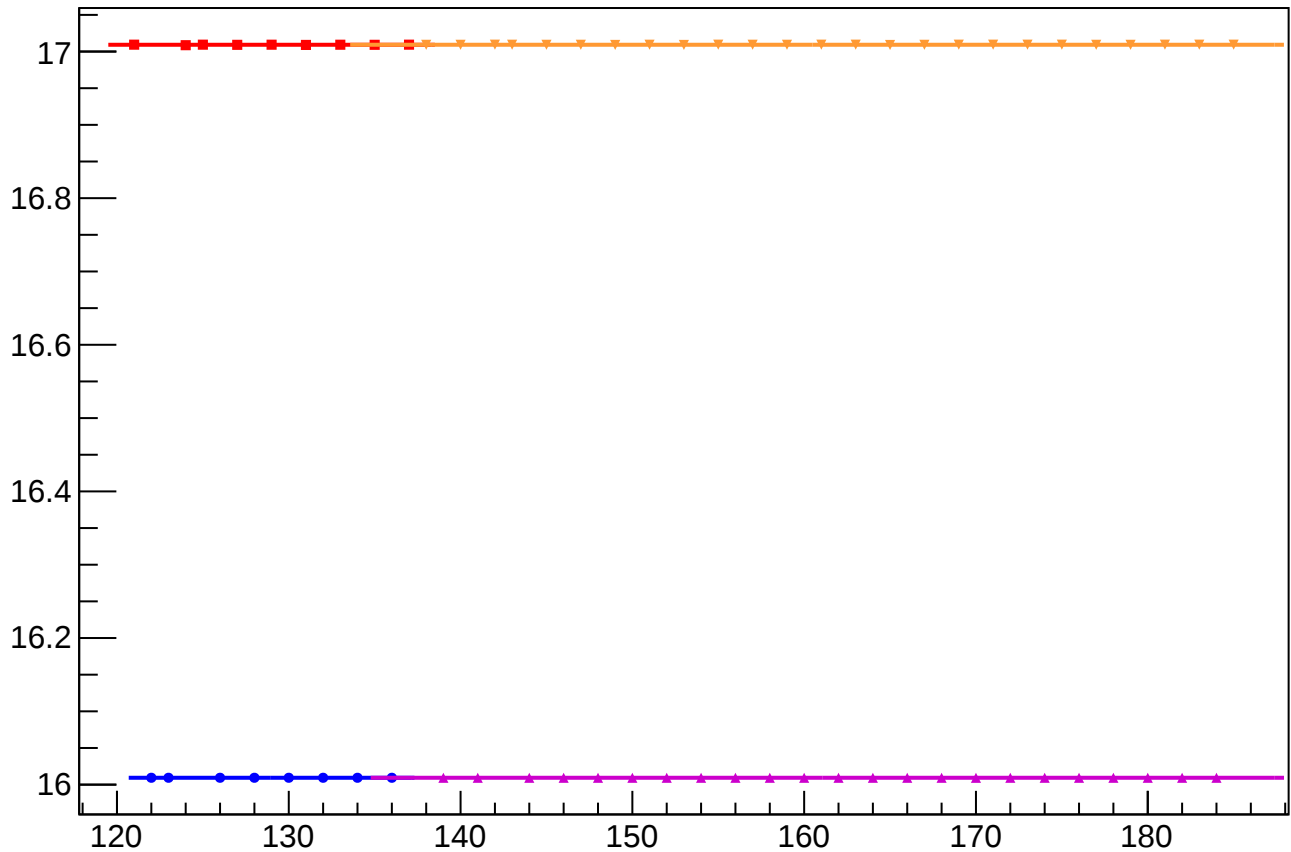
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/22

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/32

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.3/64

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.2/31

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009+/-0.000 χ^2/NDF : 27843.6/7

Left Out: 17.009+/-0.000 χ^2/NDF : 26272523093630240390381568.0/24

Right Out: 17.009+/-0.000 χ^2/NDF : 8315422616570068268482560.0/8

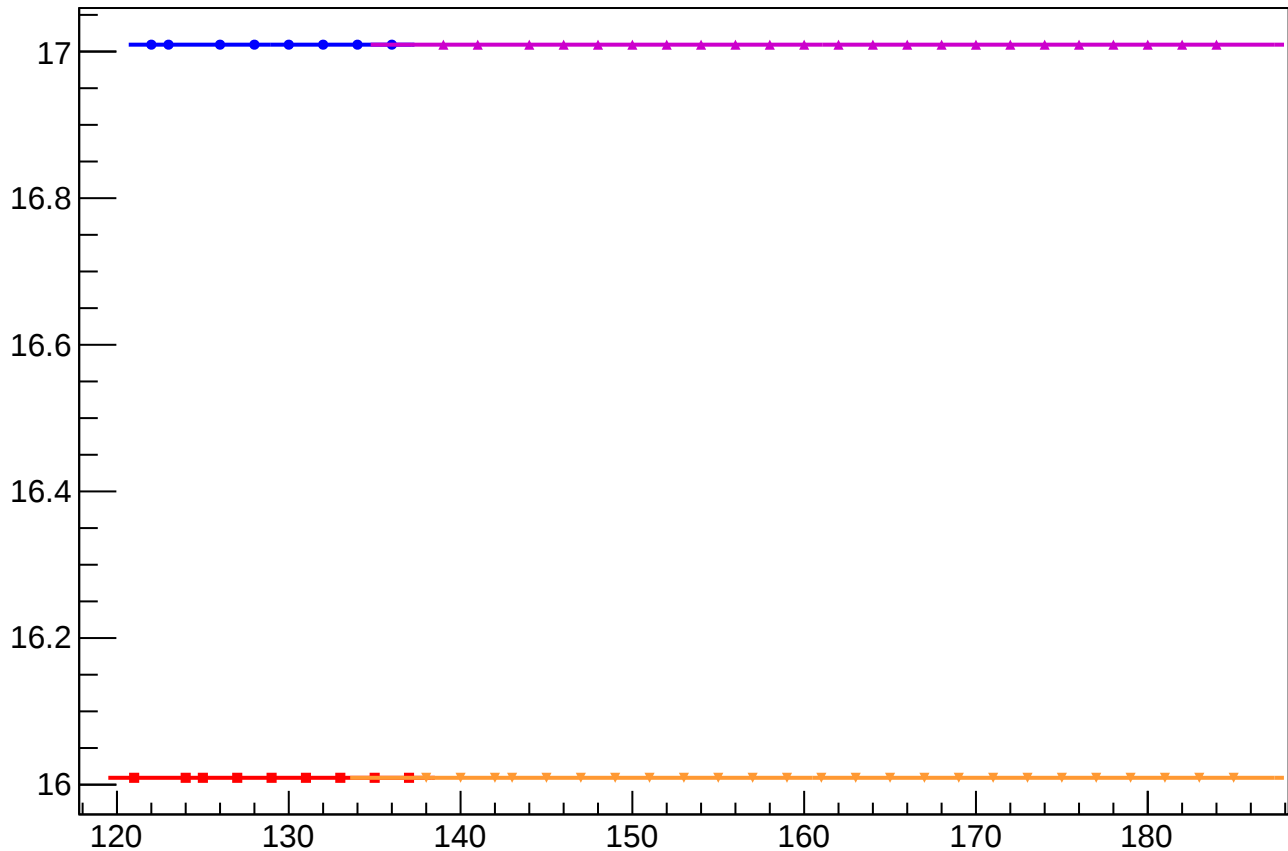
Left In: 16.009+/-0.000 χ^2/NDF : 127973174512756677672960.0/22

+ sign 16.859+/-0.000 χ^2/NDF : 2659994125318682

All: 16.519+/-0.000 χ^2/NDF : 1017140146680

- sign 16.161+/-0.000 χ^2/NDF : 2552662113041697

IGL1I00OD16_16_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 82003.7/7

Left Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 93918.6/24

Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 18844.3/8

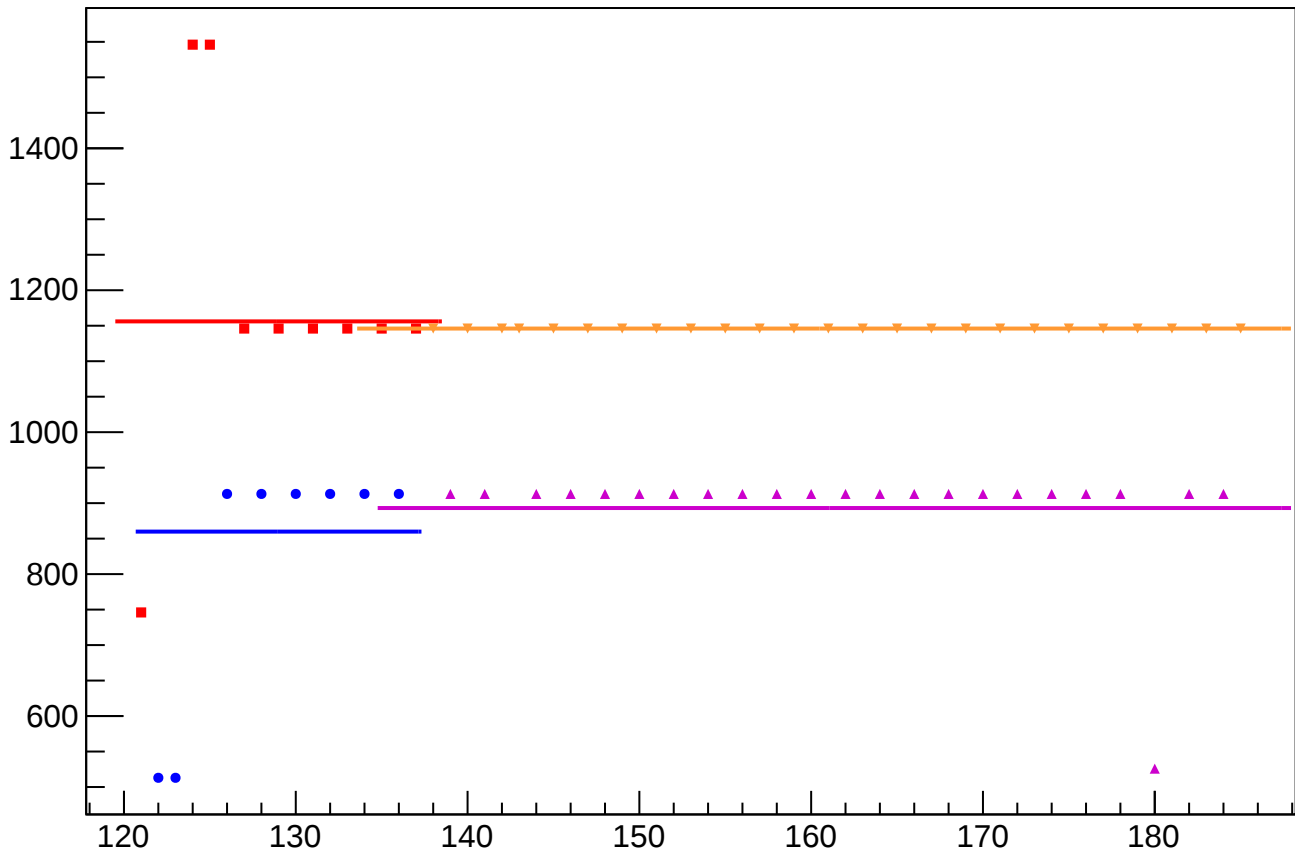
Left In: 17.009 $\pm$ 0.000 χ^2 /NDF: 115033472633445654986752.0/22

+ sign 16.162 $\pm$ 0.000 χ^2 /NDF: 2873268884892045

All: 16.498 $\pm$ 0.000 χ^2 /NDF: 1076200658929

- sign 16.857 $\pm$ 0.000 χ^2 /NDF: 2687566101734605

RTPAPOSUCNT_mean vs Slug



Right In: 859.895+/-0.000 χ^2/NDF : 6244310211396691746388505873258381312.0/7

Left Out: 1146.011+/-0.000 χ^2/NDF : 8040696071775755132884484096.0/24

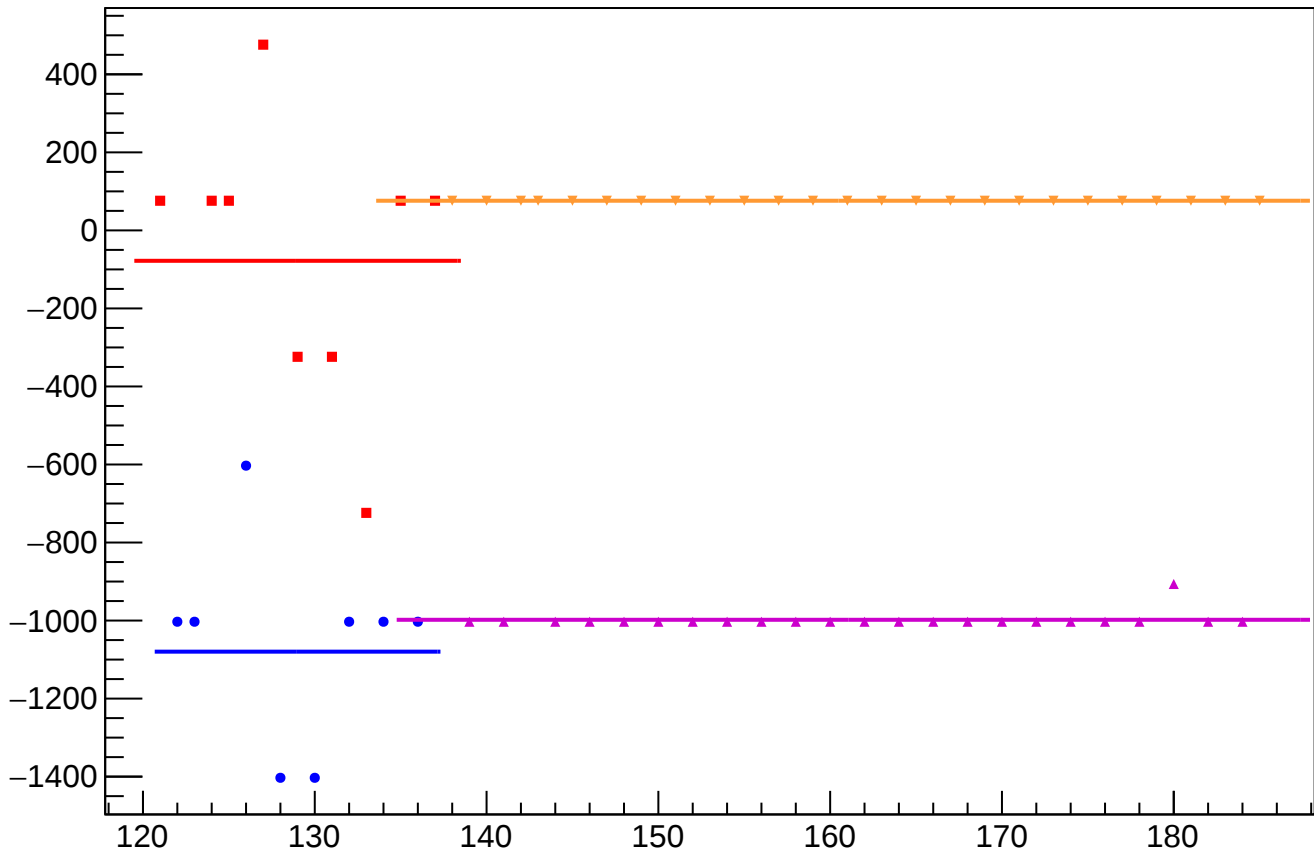
Right Out: 1156.104+/-0.000 χ^2/NDF : 13728364455898441296418095102599102464.0/8

Left In: 893.116+/-0.000 χ^2/NDF : 13219826761707982974212661987208331264.0/22

All: 1019.917+/-0.000 χ^2/NDF : 10722323318

- sign 932.293+/-0.000 χ^2/NDF : 456067467090296

RTPAPOSVCNT_mean vs Slug



Right In: -1079.685+/-0.000 χ^2/NDF : 21205581541739378673536668219320827904.0/7
 Left Out: 76.011+/-0.000 χ^2/NDF : 11004558033959164705213775872.0/24
 Right Out: -77.935+/-0.000 χ^2/NDF : 39527049815762816873616890415412150272.0/8
 Left In: -998.020+/-0.000 χ^2/NDF : 826231736084035689068445378231140352.0/22
 All: -469.156+/-0.000 χ^2/NDF : 13103377203
 + sign -98.269+/-0.000 χ^2/NDF : 405705749474349
 - sign -860.959+/-0.000 χ^2/NDF : 268735220613560