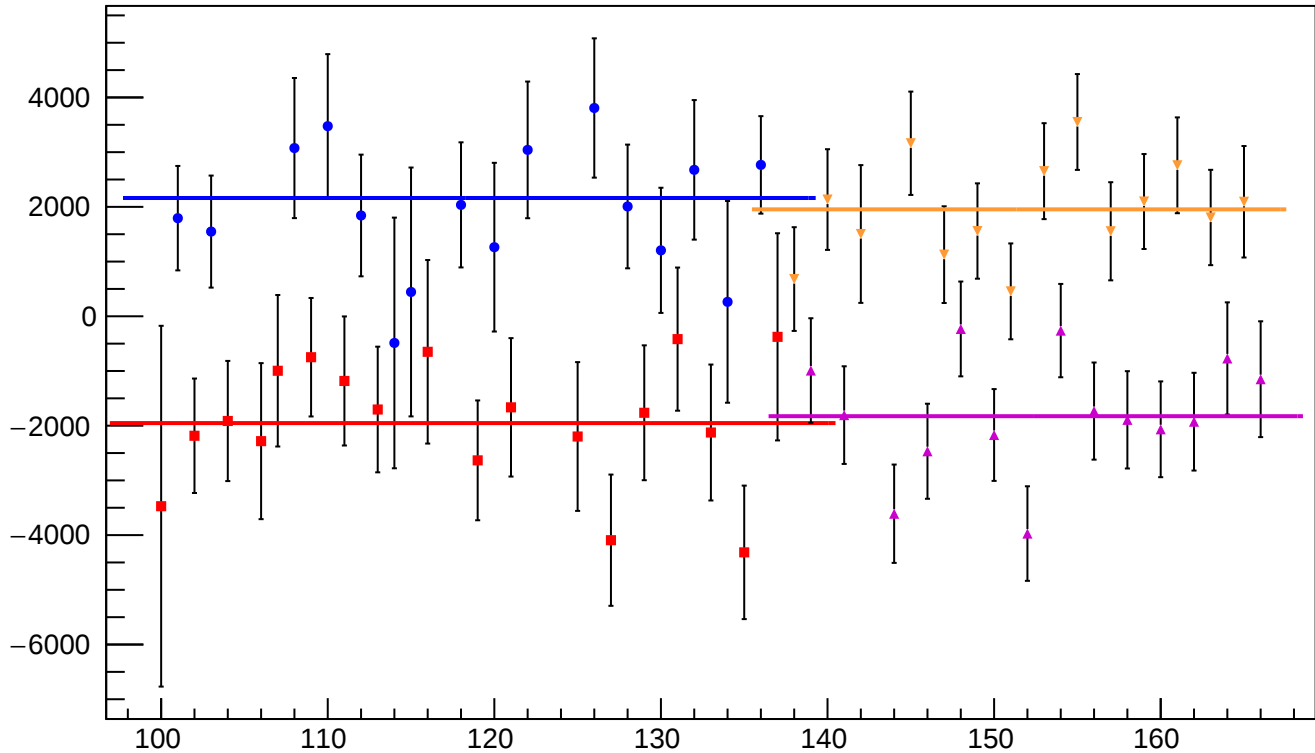


reg_asym_us_avg_mean vs Slug



Right In: 2162.311+/-307.312

χ^2/NDF : 8.9/15

Left Out: 1954.486+/-244.673

χ^2/NDF : 12.7/13

Right Out: -1952.148+/-300.581

χ^2/NDF : 12.6/17

Left In: -1826.258+/-240.338

χ^2/NDF : 19.9/13

+ sign 2035.114+/-191.415

χ^2/NDF : 21.9/29

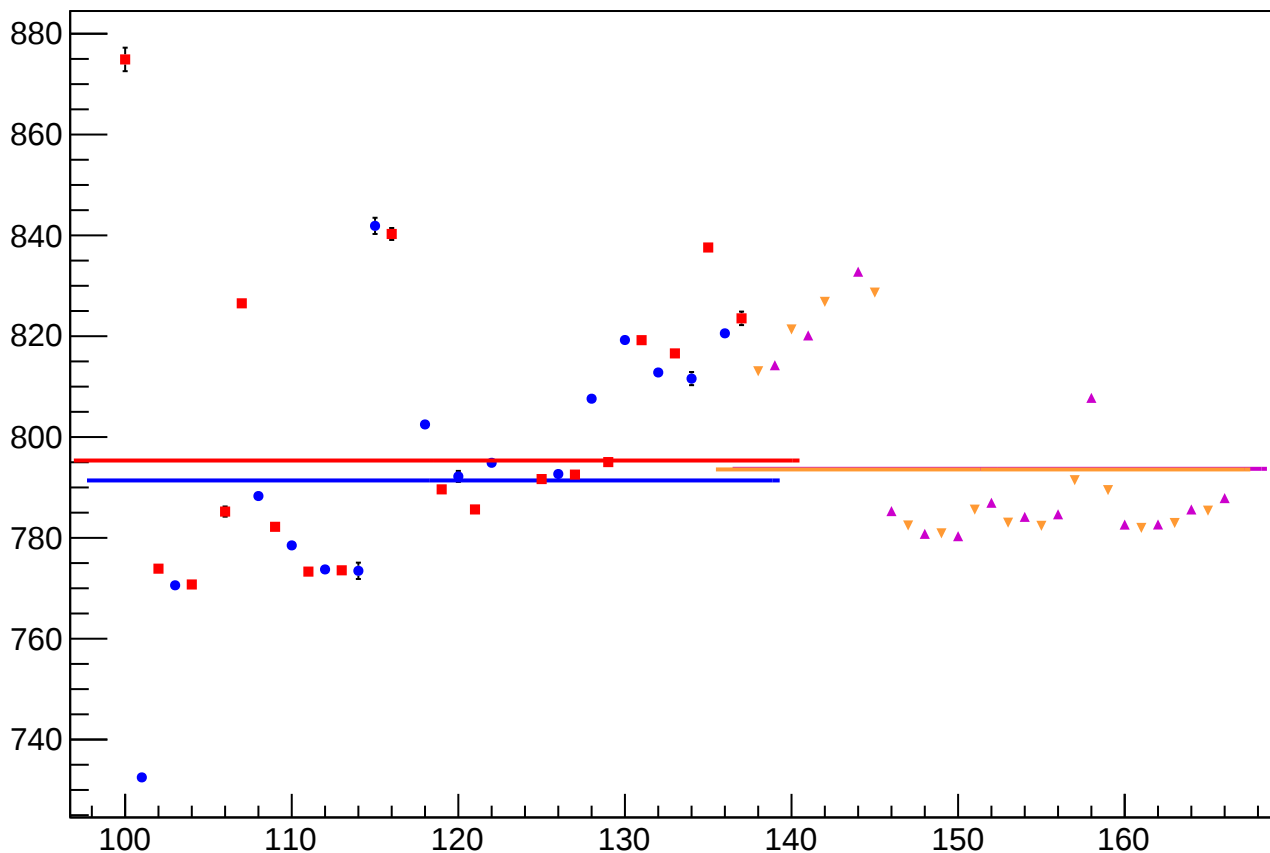
All: 41.682+/-134.022

χ^2/NDF : 267.3/61

- sign -1875.354+/-187.711

χ^2/NDF : 32.6/31

reg_asym_us_avg_rms vs Slug



Right In: 791.390 $\pm$ 0.217 χ^2 /NDF: 15008.3/15

Left Out: 793.574 $\pm$ 0.173 χ^2 /NDF: 9170.8/13

Right Out: 795.345 $\pm$ 0.213 χ^2 /NDF: 11559.8/17

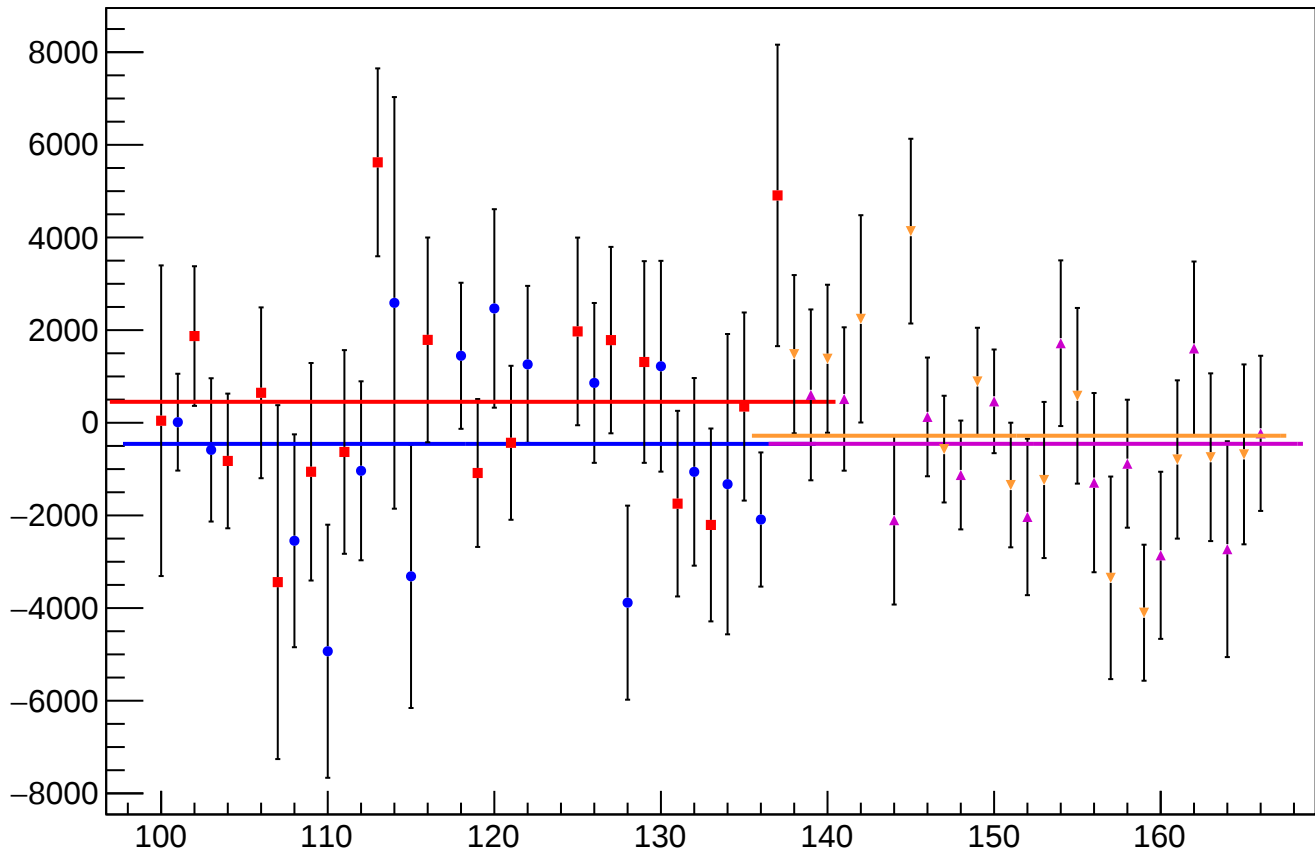
Left In: 793.698 $\pm$ 0.170 χ^2 /NDF: 9489.9/13

+ sign 792.727 $\pm$ 0.135 χ^2 /NDF: 24240.9/29

All: 793.549 $\pm$ 0.095 χ^2 /NDF: 45399.7/61

- sign 794.340 $\pm$ 0.133 χ^2 /NDF: 21086.3/31

asym_us_avg_correction_mean vs Slug



Right In: -455.675 ± 464.232 χ^2/NDF : 14.9/15

Left Out: -279.516 ± 428.273 χ^2/NDF : 19.5/13

Right Out: 452.644 ± 472.760 χ^2/NDF : 17.3/17

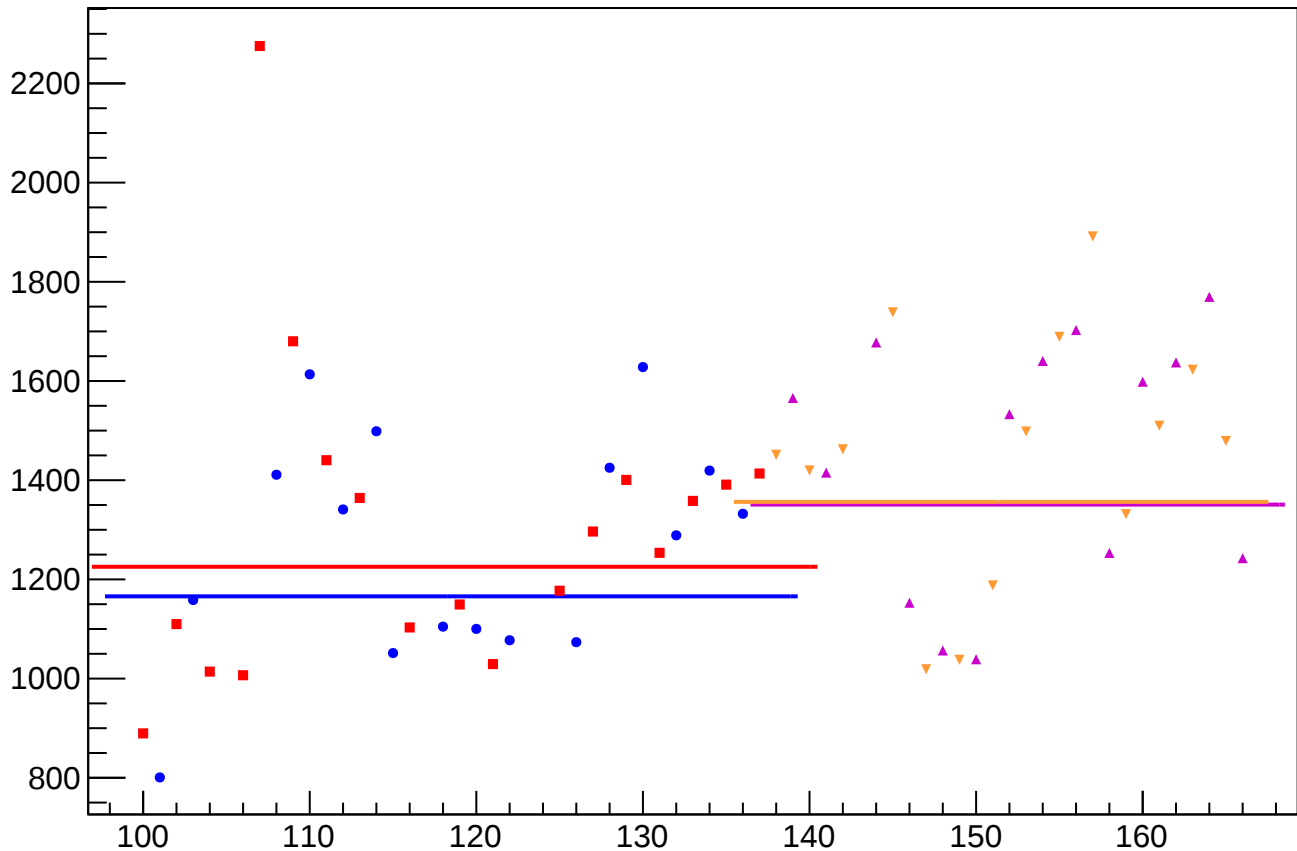
Left In: -454.279 ± 417.685 χ^2/NDF : 9.3/13

+ sign -360.509 ± 314.781 χ^2/NDF : 34.4/29

All: -207.751 ± 221.958 χ^2/NDF : 63.6/61

- sign -56.698 ± 313.017 χ^2/NDF : 28.7/31

asym_us_avg_correction_rms vs Slug



Right In: 1165.812 $\pm$ 0.328 χ^2 /NDF: 526801.3/15

Left Out: 1356.292 $\pm$ 0.303 χ^2 /NDF: 704768.1/13

Right Out: 1225.448 $\pm$ 0.334 χ^2 /NDF: 440420.8/17

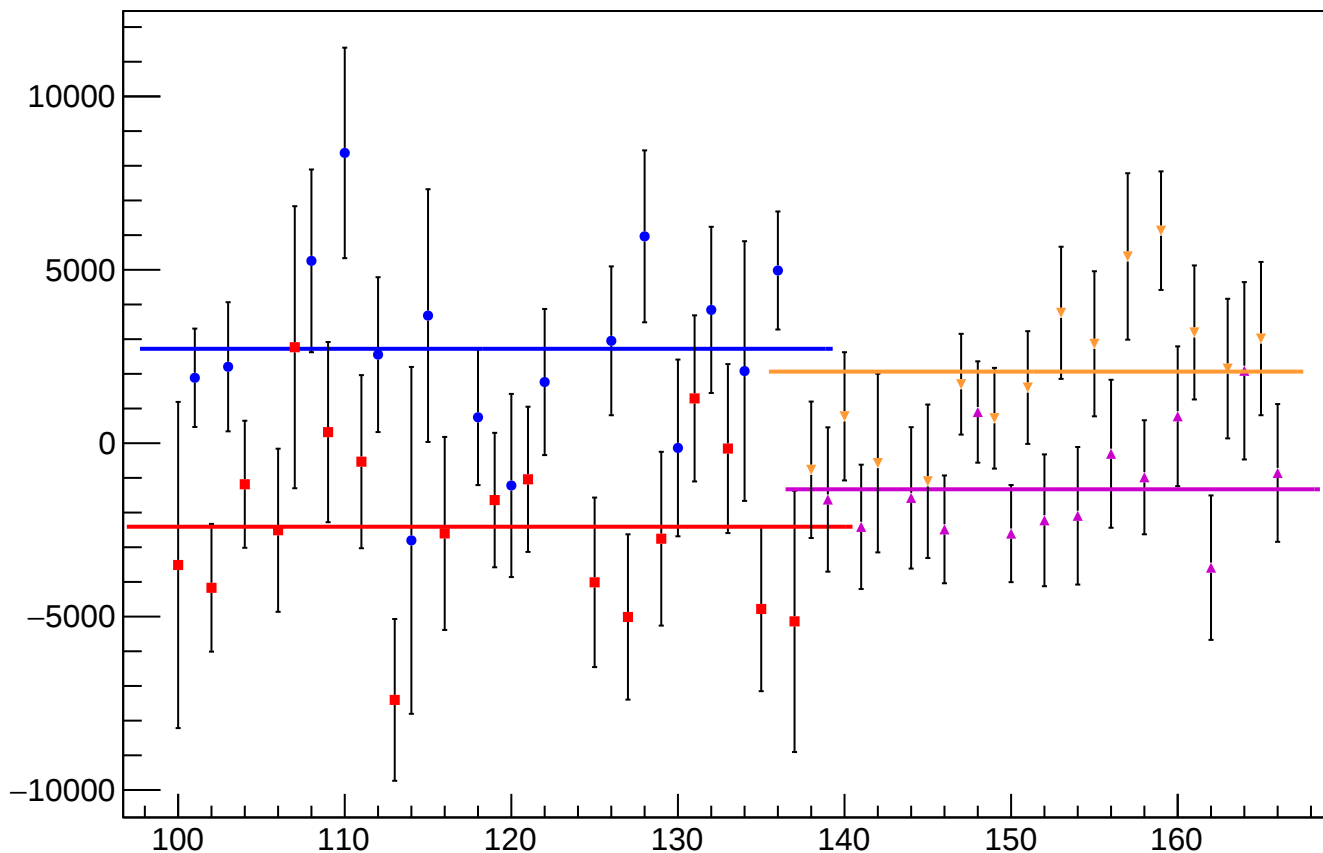
Left In: 1350.785 $\pm$ 0.295 χ^2 /NDF: 732716.9/13

+ sign 1268.714 $\pm$ 0.223 χ^2 /NDF: 1413468.7/29

All: 1282.353 $\pm$ 0.157 χ^2 /NDF: 2673021.8/63

- sign 1295.839 $\pm$ 0.221 χ^2 /NDF: 1252085.6/31

asym_us_avg_mean vs Slug



Right In: 2722.309 $\pm$ 567.154 χ^2 /NDF: 14.6/15

Left Out: 2064.700 $\pm$ 501.788 χ^2 /NDF:15.7/13

Right Out: -2408.446 $\pm$ 568.977 χ^2 /NDF: 16.3/17

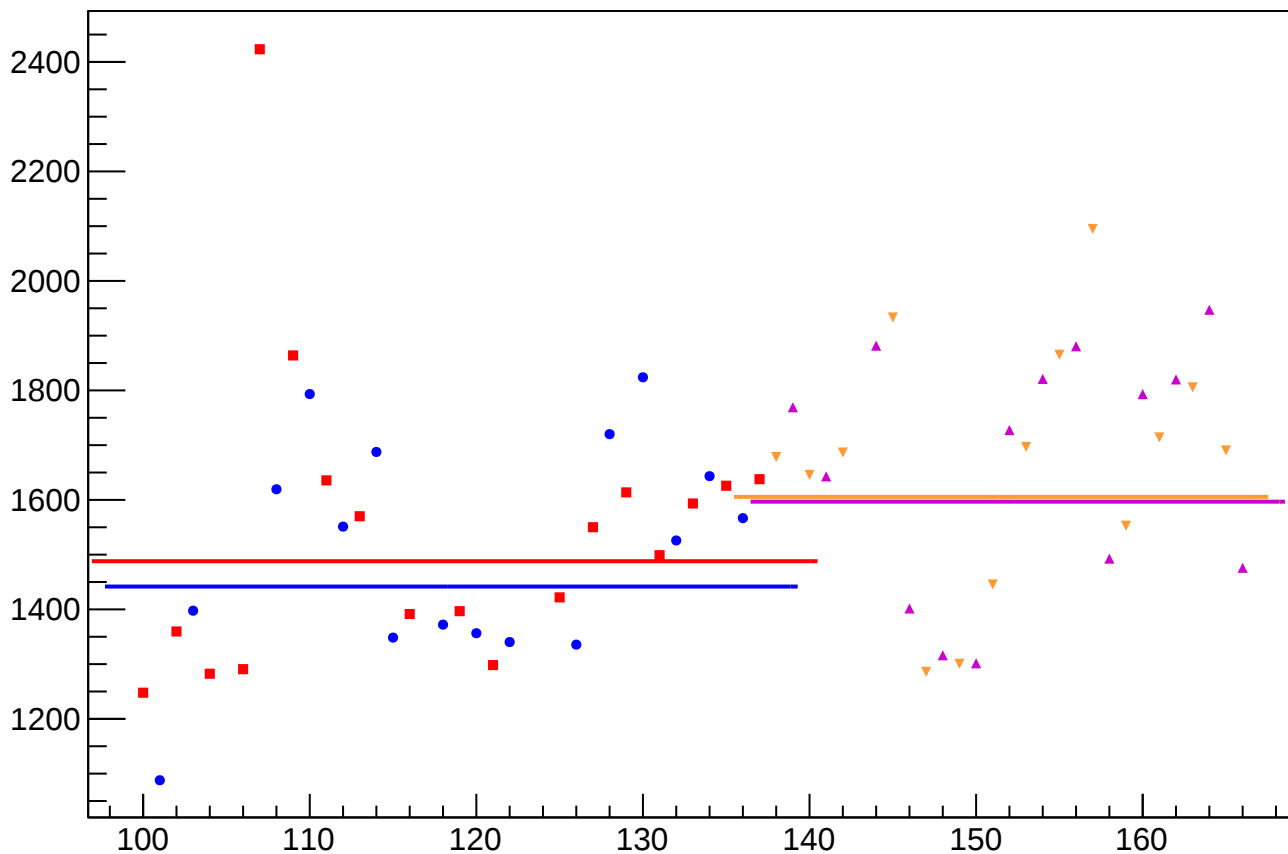
Left In: -1328.931 $\pm$ 489.261 χ^2 /NDF:8.9/13

+ sign 2353.441 $\pm$ 375.813 χ^2 /NDF: 31.0/29

All: 255.950 $\pm$ 264.011 χ^2 /NDF: 119.7/61

- sign -1787.828 $\pm$ 370.969 χ^2 /NDF: 27.2/31

asym_us_avg_rms vs Slug



Right In: 1441.720+/-0.401 χ^2 /NDF: 275902.8/15

Left Out: 1605.567+/-0.355 χ^2 /NDF: 403333.8/13

Right Out: 1488.026+/-0.402 χ^2 /NDF: 256140.4/17

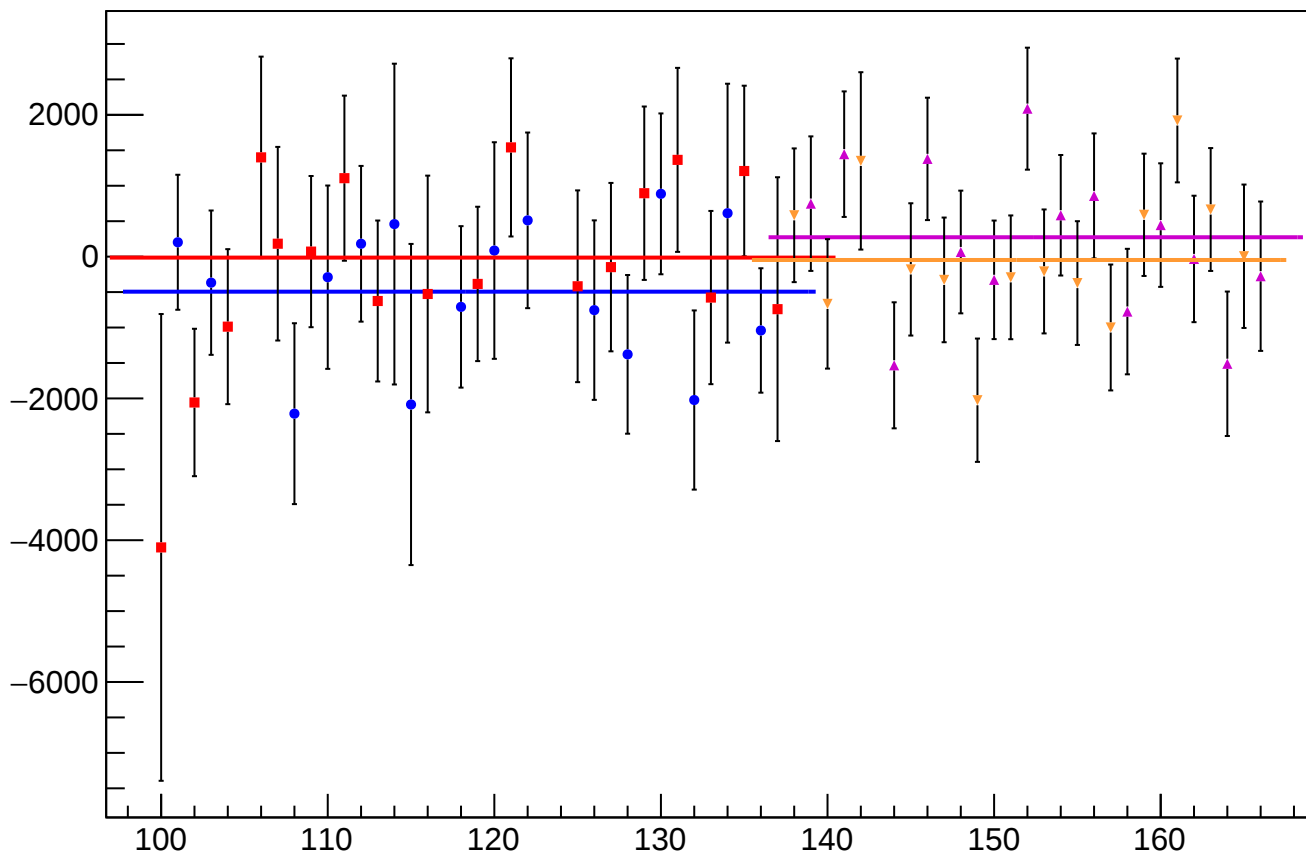
Left In: 1596.768+/-0.346 χ^2 /NDF: 413588.2/13

+ sign 1533.625+/-0.266 χ^2 /NDF: 772864.4/29

All: 1542.193+/-0.187 χ^2 /NDF: 1486644.3/63

- sign 1550.542+/-0.262 χ^2 /NDF: 711727.4/31

reg_asym_us_dd_mean vs Slug



Right In: -494.223 ± 304.644 χ^2/NDF : 8.7/15

Left Out: -47.236 ± 243.313 χ^2/NDF : 15.2/13

Right Out: -13.512 ± 297.736 χ^2/NDF : 13.4/17

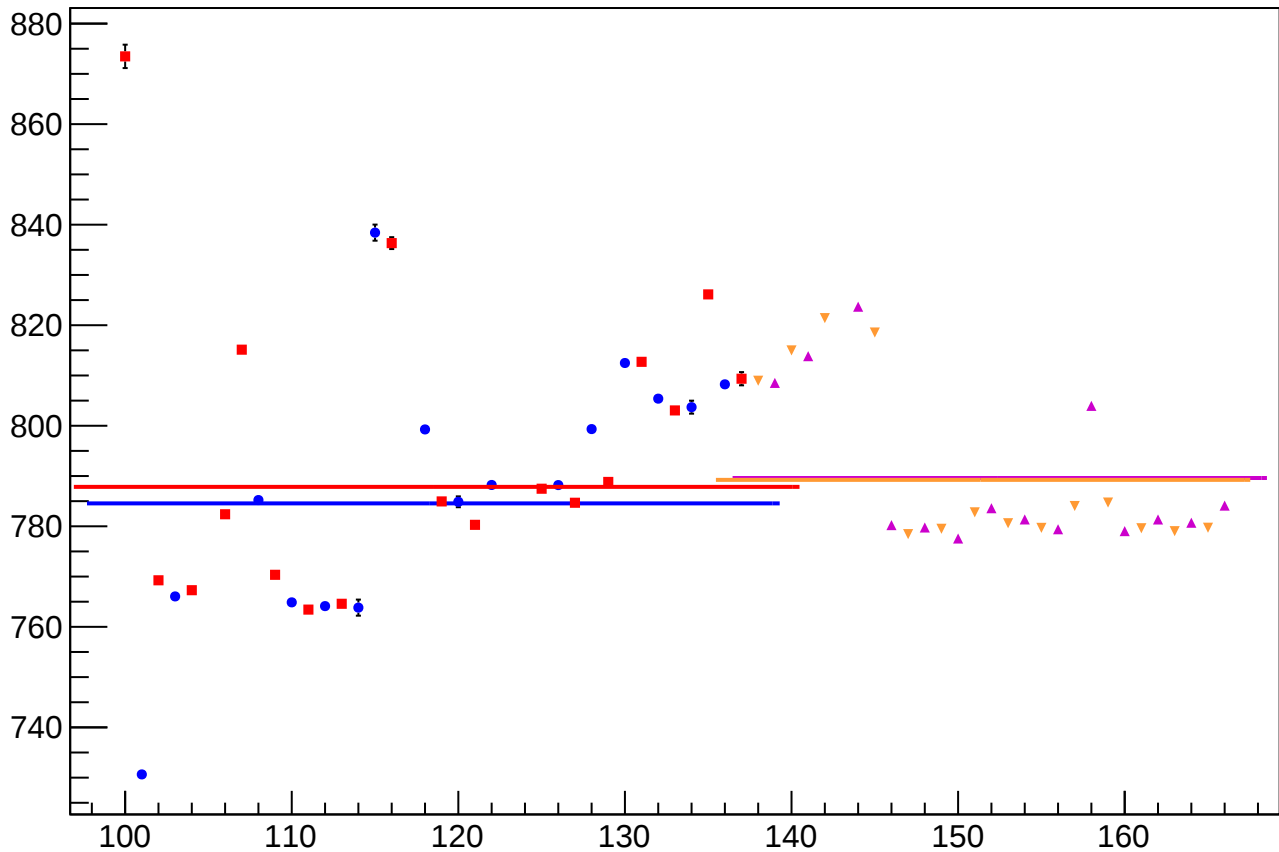
Left In: 273.493 ± 239.086 χ^2/NDF : 18.3/13

+ sign -221.319 ± 190.118 χ^2/NDF : 25.1/29

All: -26.417 ± 133.107 χ^2/NDF : 59.4/61

- sign 160.977 ± 186.421 χ^2/NDF : 32.2/31

reg_asym_us_dd_rms vs Slug



Right In: 784.558 ± 0.215 χ^2/NDF : 13677.7/15

Left Out: 789.236 ± 0.172 χ^2/NDF : 7678.3/13

Right Out: 787.844 ± 0.211 χ^2/NDF : 10909.0/17

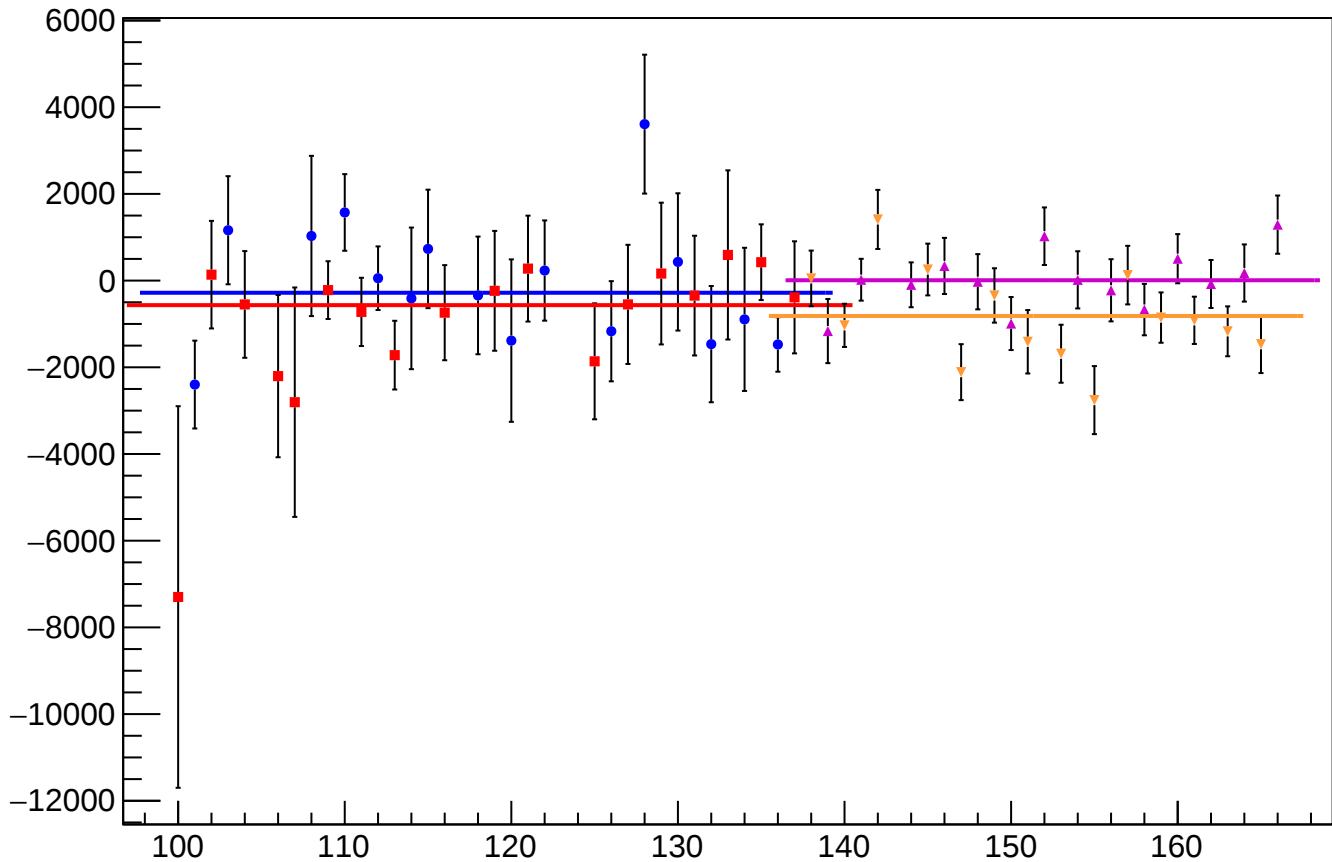
Left In: 789.608 ± 0.169 χ^2/NDF : 7891.5/13

+ sign 787.414 ± 0.134 χ^2/NDF : 21644.0/29

All: 788.180 ± 0.094 χ^2/NDF : 40550.8/61

- sign 788.916 ± 0.132 χ^2/NDF : 18843.1/31

asym_us_dd_correction_mean vs Slug



Right In: -280.632+/-282.501 χ^2 /NDF: 23.1/15

Left Out: -816.225+/-166.962 χ^2 /NDF:32.3/13

Right Out: -566.224+/-272.883 χ^2 /NDF: 9.9/17

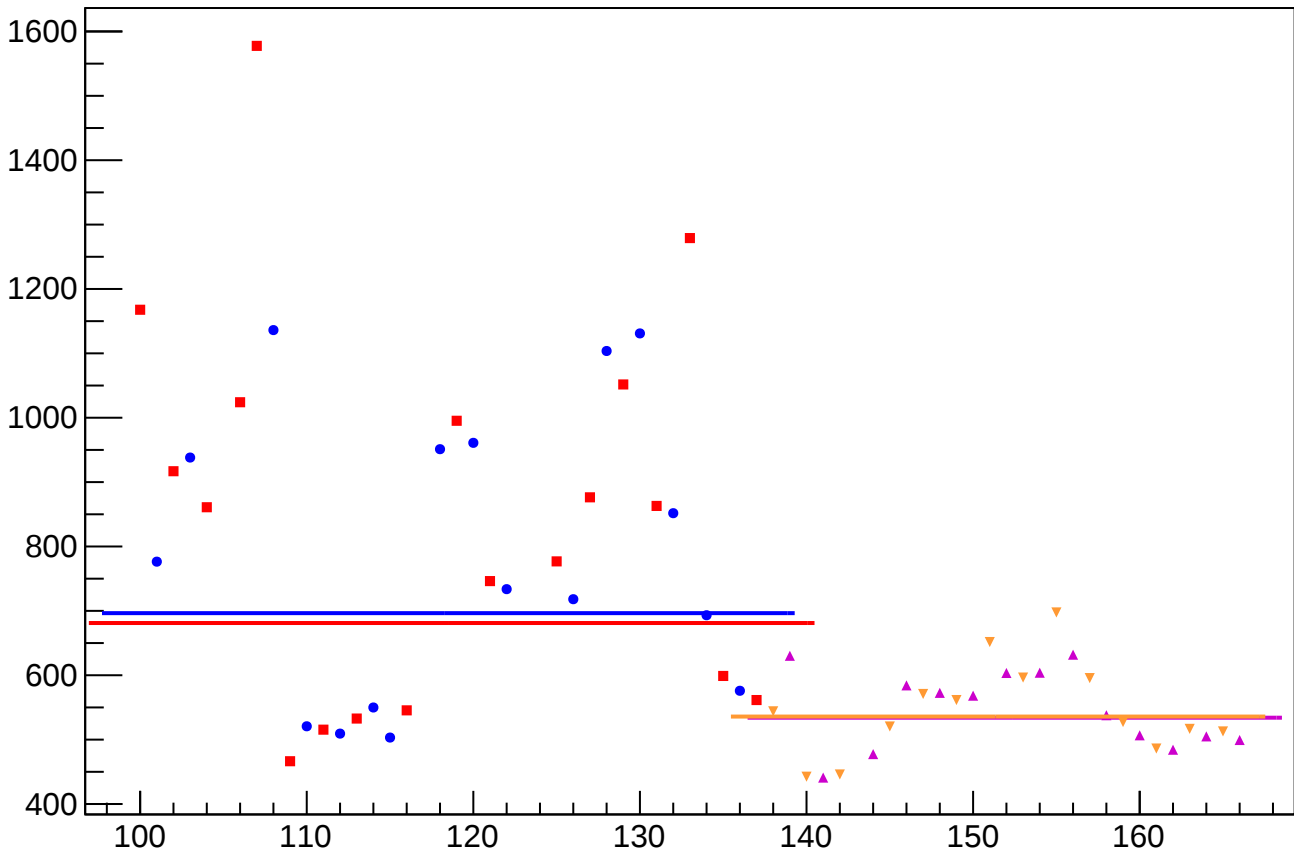
Left In: 7.790+/-163.033 χ^2 /NDF:13.7/13

+ sign -677.574+/-143.735 χ^2 /NDF: 58.1/29

All: -403.273+/-100.274 χ^2 /NDF: 92.1/61

- sign -143.203+/-139.957 χ^2 /NDF: 26.9/31

asym_us_dd_correction_rms vs Slug



Right In: 696.462 ± 0.200 χ^2/NDF : 959490.0/15

Left Out: 535.819 ± 0.118 χ^2/NDF : 304618.6/13

Right Out: 681.127 ± 0.193 χ^2/NDF : 1352555.6/17

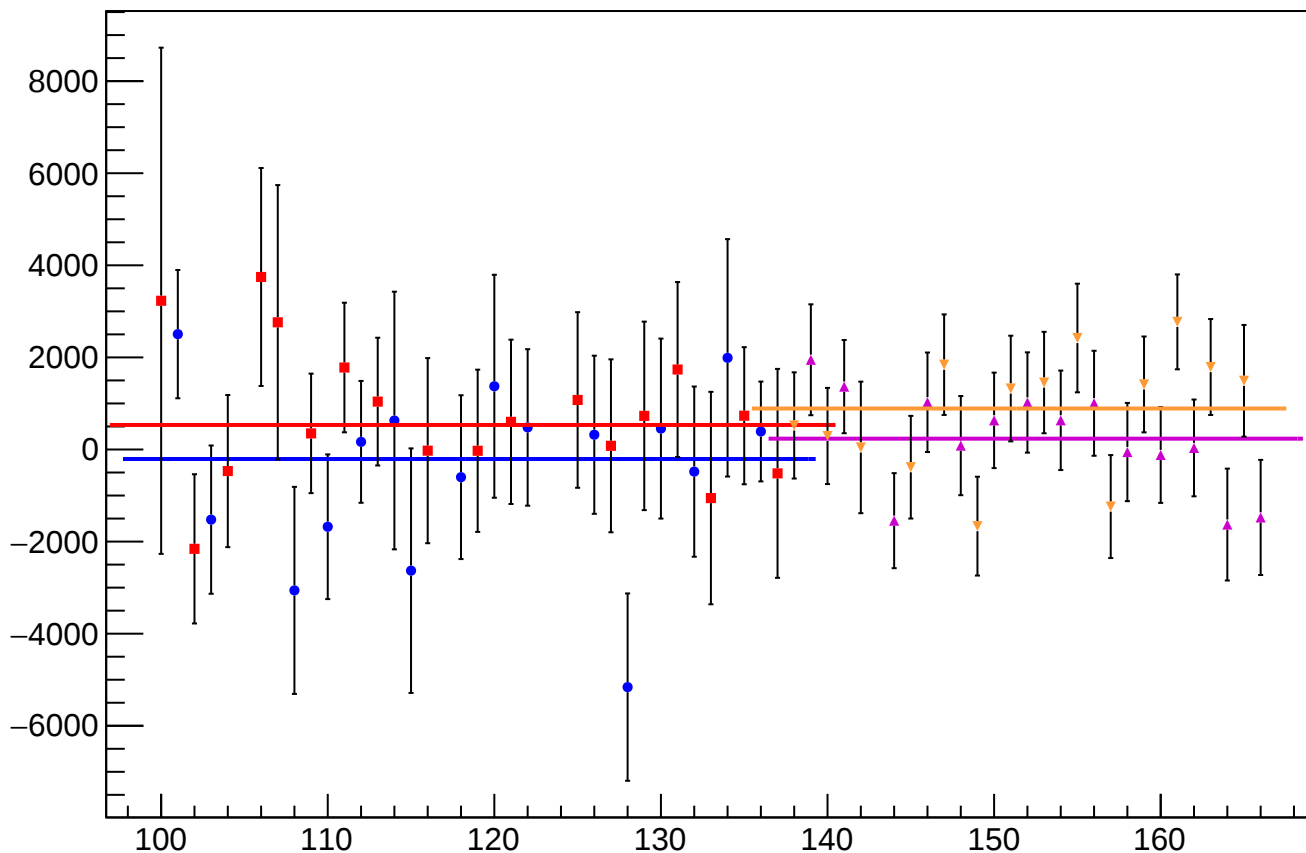
Left In: 534.051 ± 0.115 χ^2/NDF : 269344.7/13

+ sign 577.405 ± 0.102 χ^2/NDF : 1743406.1/29

All: 575.010 ± 0.071 χ^2/NDF : 3794539.9/61

- sign 572.739 ± 0.099 χ^2/NDF : 2050051.8/31

asym_us_dd_mean vs Slug



Right In: -206.385 ± 433.774 χ^2/NDF : 15.8/15

Left Out: 890.342 ± 298.293 χ^2/NDF : 18.8/13

Right Out: 532.837 ± 427.128 χ^2/NDF : 8.1/17

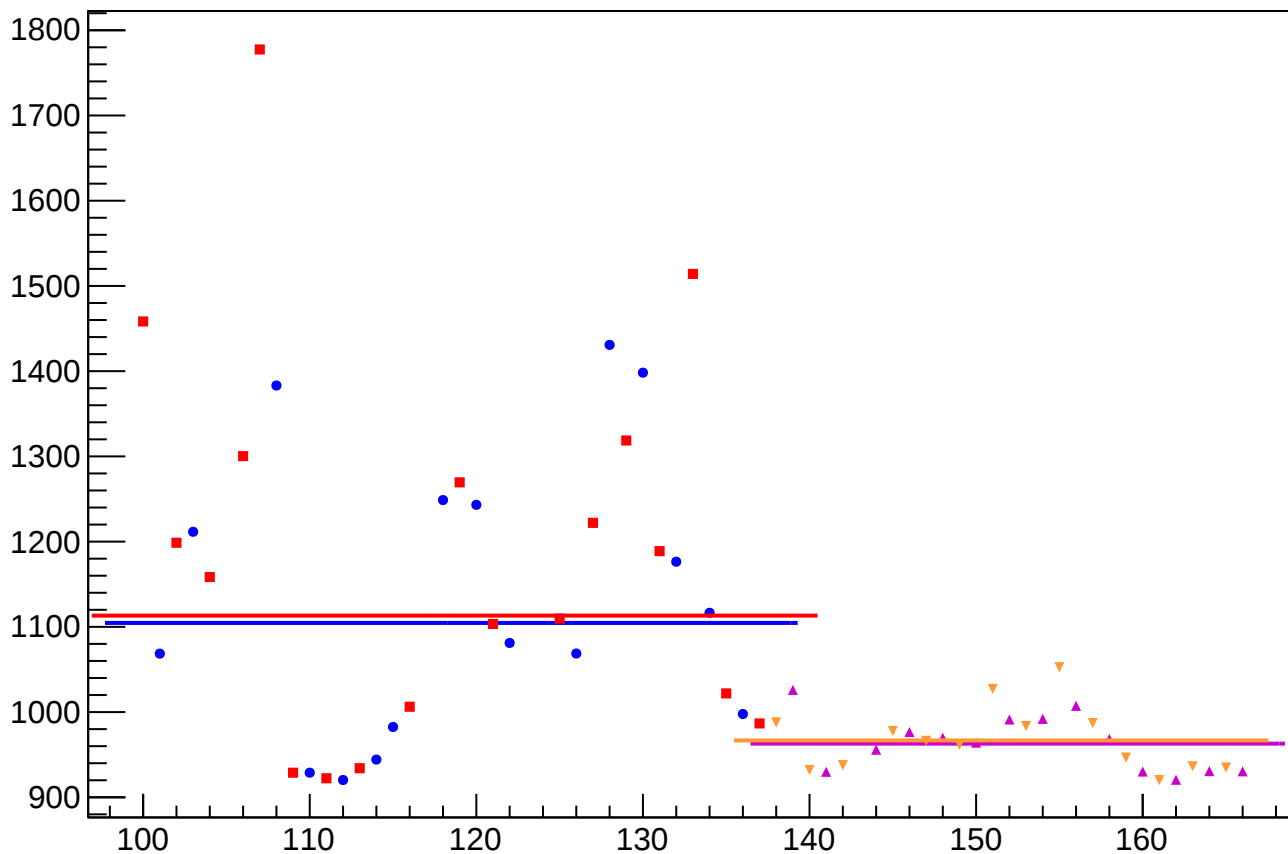
Left In: 235.245 ± 291.739 χ^2/NDF : 12.5/13

+ sign 538.225 ± 245.786 χ^2/NDF : 38.9/29

All: 431.981 ± 172.046 χ^2/NDF : 60.3/61

- sign 329.914 ± 240.907 χ^2/NDF : 21.0/31

asym_us_dd_rms vs Slug



Right In: 1104.596 ± 0.307 χ^2/NDF : 255488.3/15

Left Out: 966.723 ± 0.211 χ^2/NDF : 29145.8/13

Right Out: 1113.215 ± 0.302 χ^2/NDF : 362982.2/17

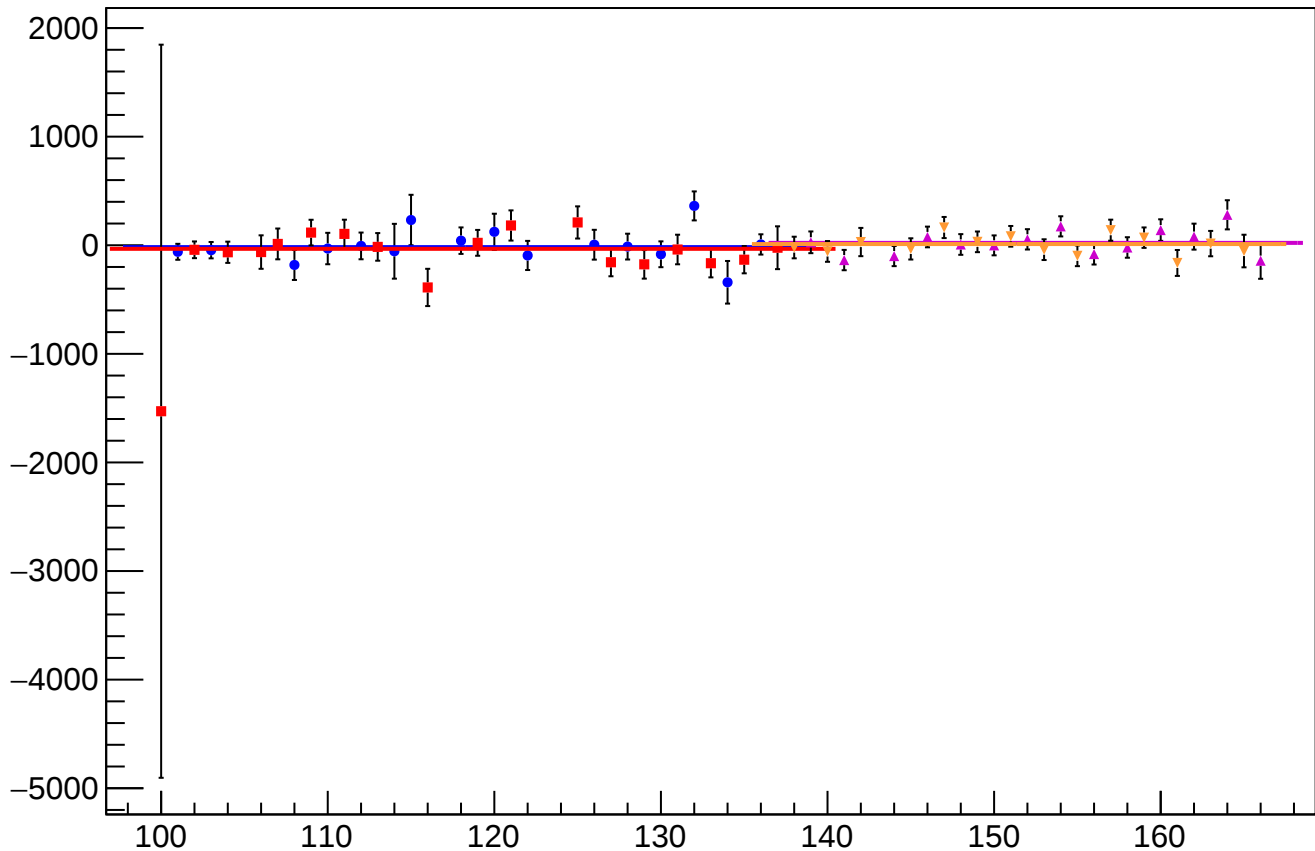
Left In: 962.965 ± 0.206 χ^2/NDF : 21985.6/13

+ sign 1010.989 ± 0.174 χ^2/NDF : 421815.4/29

All: 1010.873 ± 0.122 χ^2/NDF : 975538.9/61

- sign 1010.762 ± 0.170 χ^2/NDF : 553722.6/31

reg_asym_ds_avg_mean vs Slug



Right In: -17.236 ± 29.988 χ^2/NDF : 15.6/15

Left Out: 10.984 ± 27.444 χ^2/NDF : 9.9/13

Right Out: -32.892 ± 30.446 χ^2/NDF : 16.5/17

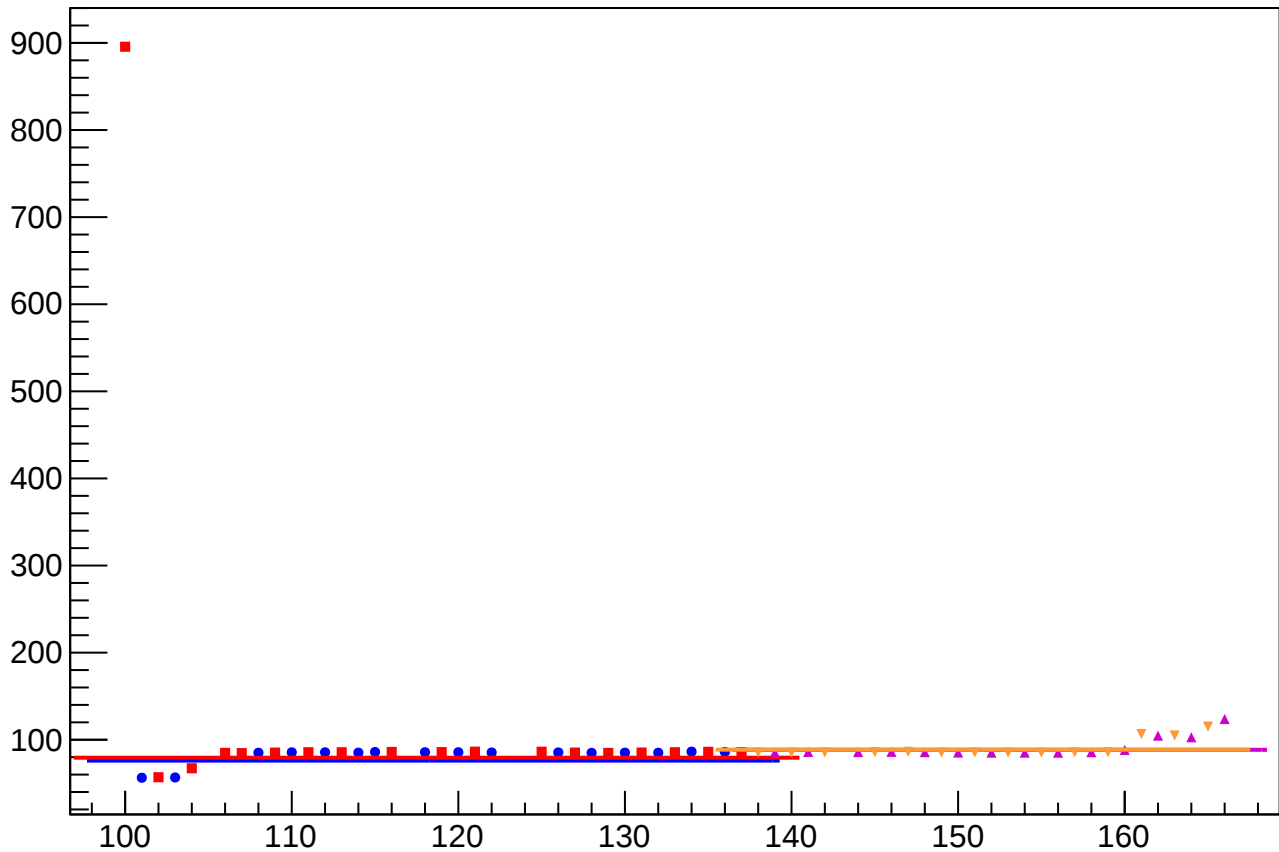
Left In: 21.849 ± 26.894 χ^2/NDF : 15.5/13

+ sign -1.879 ± 20.246 χ^2/NDF : 26.0/29

All: -2.012 ± 14.284 χ^2/NDF : 59.8/61

- sign -2.143 ± 20.157 χ^2/NDF : 33.8/31

reg_asym_ds_avg_rms vs Slug



Right In: 76.079 $\pm$ 0.021 χ^2 /NDF: 409170.8/15

Left Out: 88.649 $\pm$ 0.019 χ^2 /NDF: 169118.3/13

Right Out: 79.390 $\pm$ 0.022 χ^2 /NDF: 378526.1/17

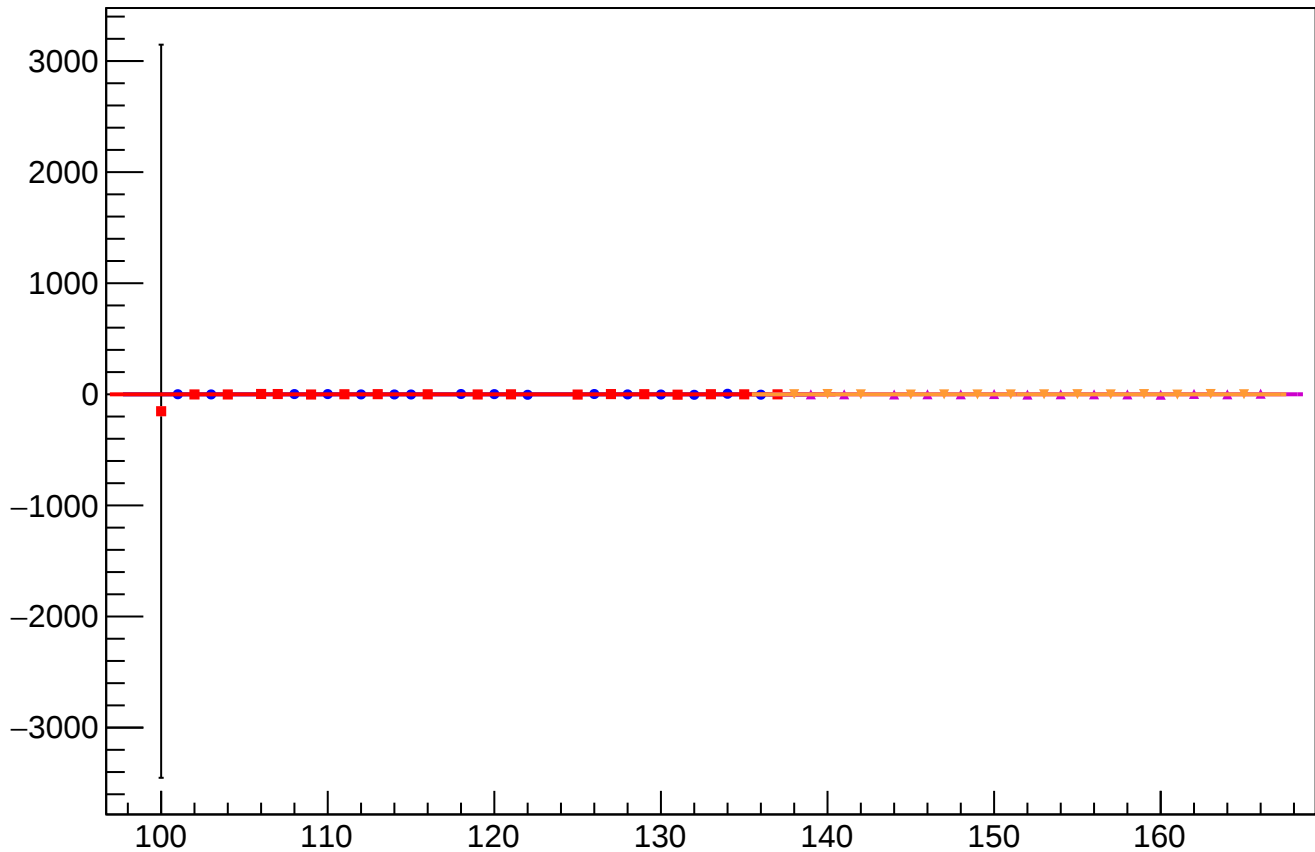
Left In: 88.452 $\pm$ 0.019 χ^2 /NDF: 168642.2/13

+ sign 82.920 $\pm$ 0.014 χ^2 /NDF: 769520.6/29

All: 83.703 $\pm$ 0.010 χ^2 /NDF: 1422170.6/61

- sign 84.480 $\pm$ 0.014 χ^2 /NDF: 646685.2/31

asym_ds_avg_correction_mean vs Slug



Right In: -0.281 ± 0.501 χ^2/NDF : 21.2/15

Left Out: -0.114 ± 0.463 χ^2/NDF : 10.0/13

Right Out: -0.078 ± 0.521 χ^2/NDF : 9.0/17

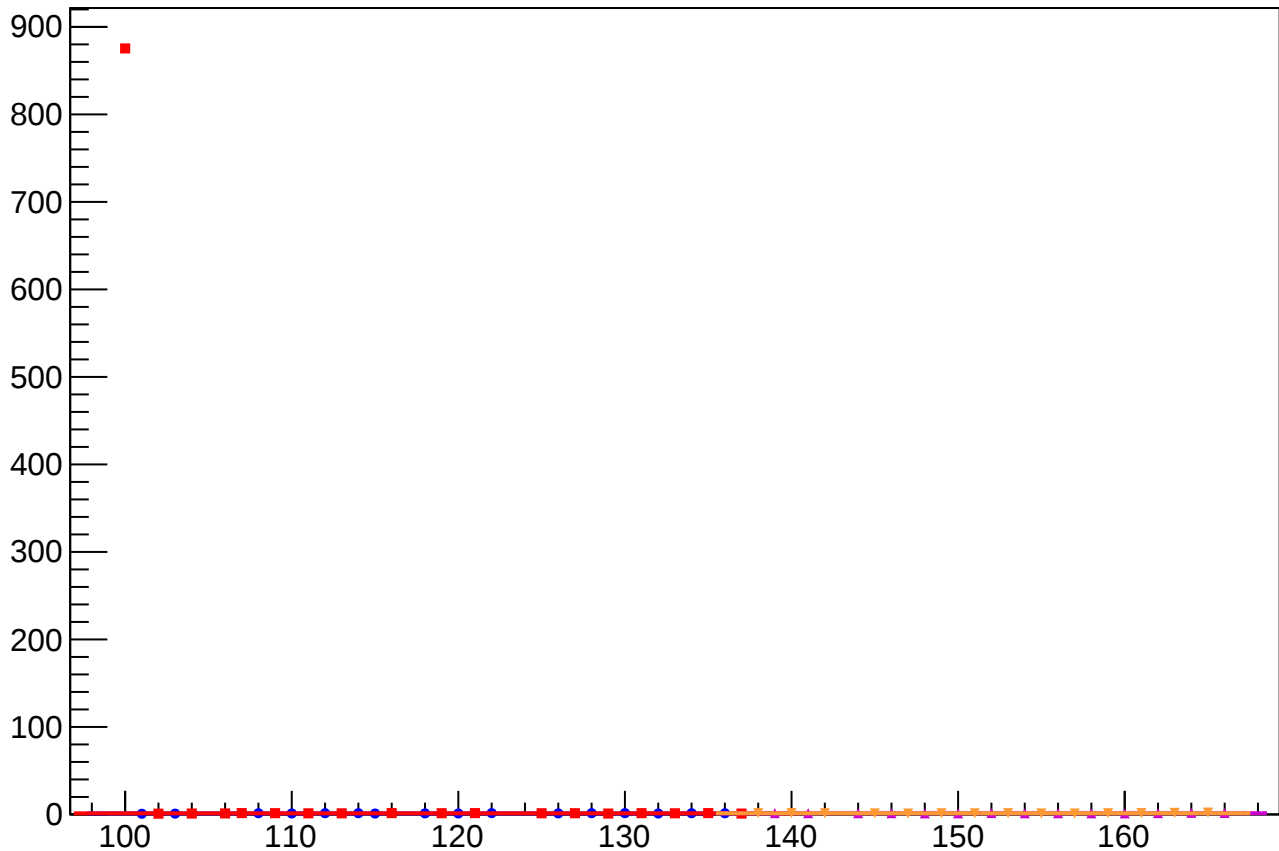
Left In: 0.336 ± 0.473 χ^2/NDF : 17.2/13

+ sign -0.191 ± 0.340 χ^2/NDF : 31.3/29

All: -0.026 ± 0.244 χ^2/NDF : 58.3/61

- sign 0.149 ± 0.350 χ^2/NDF : 26.5/31

asym_ds_avg_correction_rms vs Slug



Right In: 1.152 $\pm$ 0.000 χ^2 /NDF: 514348.9/15

Left Out: 1.338 $\pm$ 0.000 χ^2 /NDF: 443840.5/13

Right Out: 1.247 $\pm$ 0.000 χ^2 /NDF: 517130.7/17

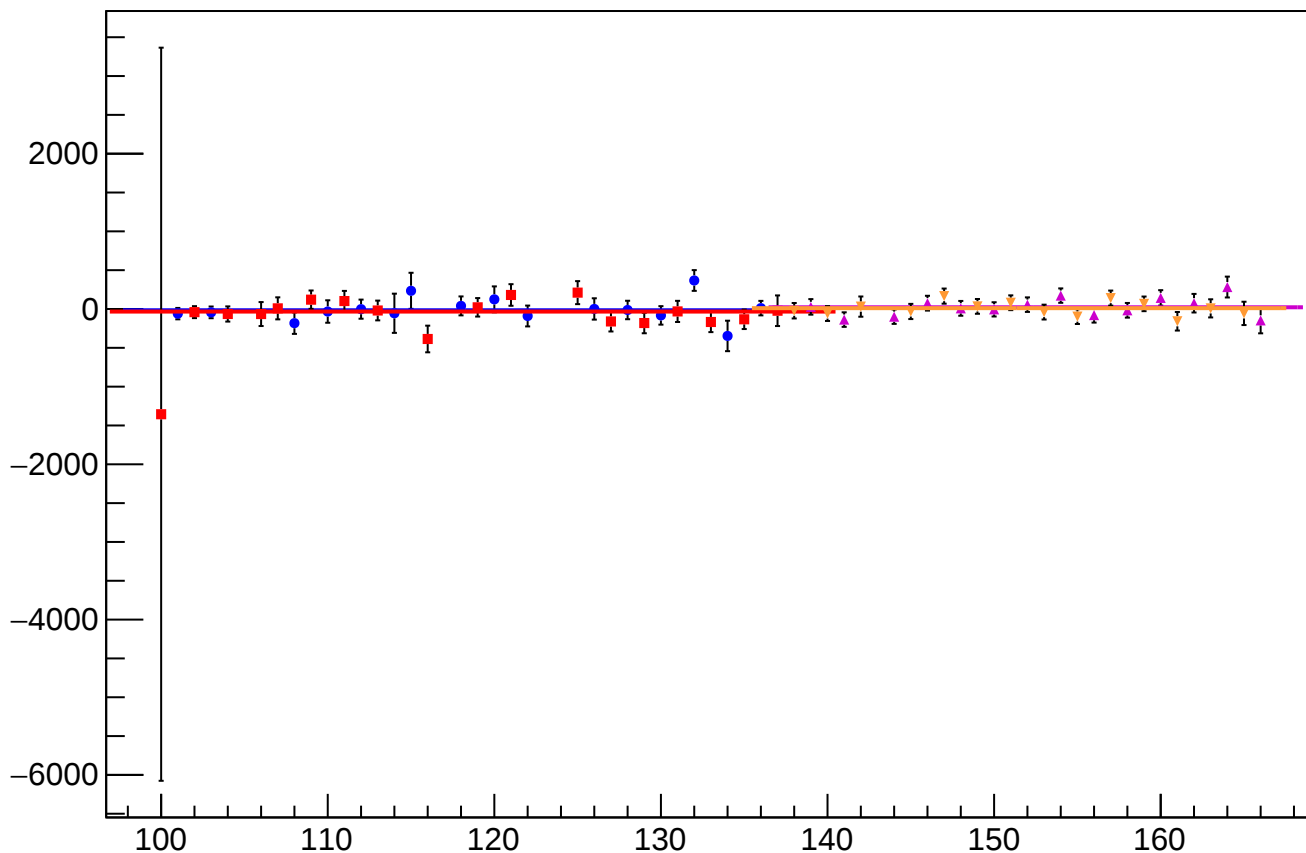
Left In: 1.425 $\pm$ 0.000 χ^2 /NDF: 197551.7/13

+ sign 1.253 $\pm$ 0.000 χ^2 /NDF: 1106070.6/29

All: 1.297 $\pm$ 0.000 χ^2 /NDF: 2019218.4/61

- sign 1.344 $\pm$ 0.000 χ^2 /NDF: 842192.1/31

asym_ds_avg_mean vs Slug



Right In: -16.311 ± 29.996 χ^2/NDF : 15.9/15

Left Out: 10.756 ± 27.452 χ^2/NDF : 9.9/13

Right Out: -33.114 ± 30.455 χ^2/NDF : 16.5/17

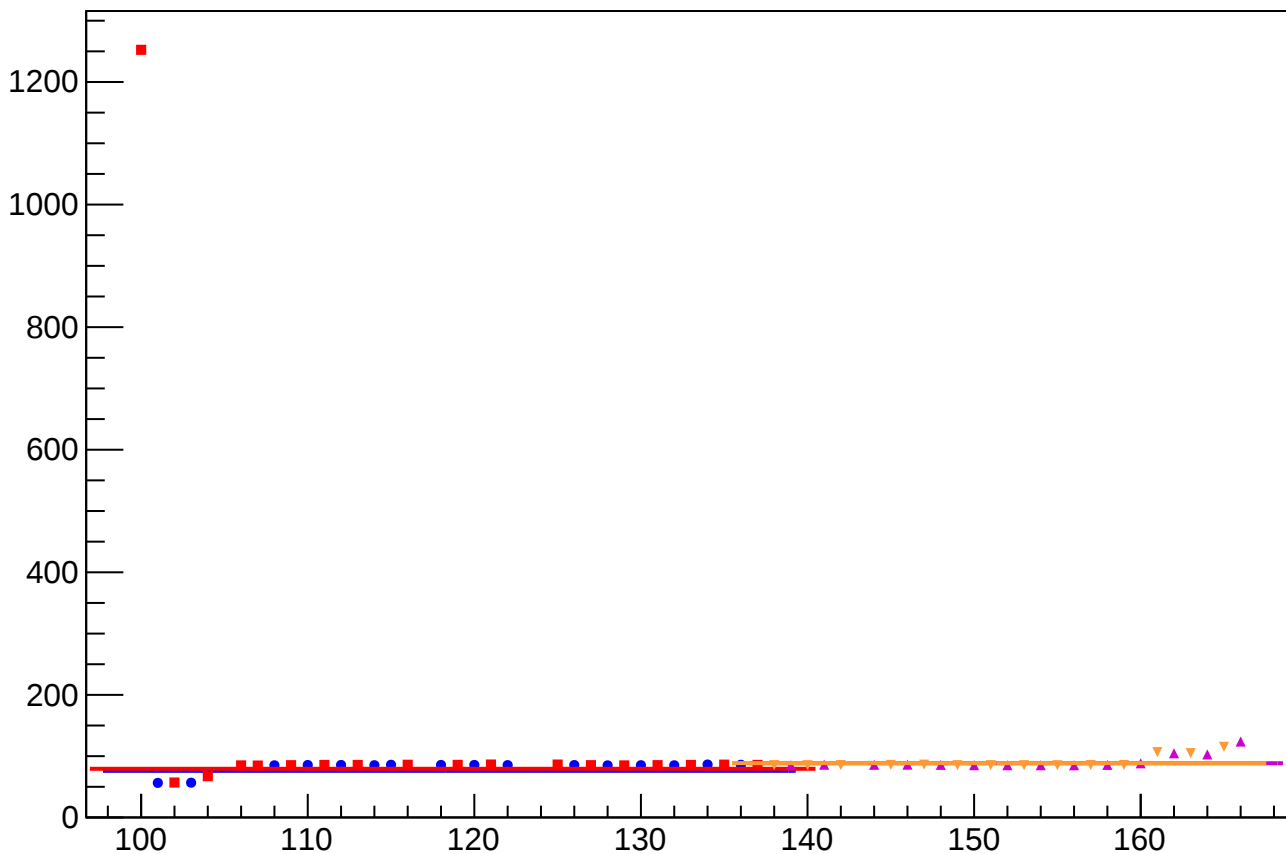
Left In: 22.085 ± 26.902 χ^2/NDF : 15.5/13

+ sign -1.581 ± 20.251 χ^2/NDF : 26.2/29

All: -1.846 ± 14.288 χ^2/NDF : 60.0/61

- sign -2.108 ± 20.162 χ^2/NDF : 33.8/31

asym_ds_avg_rms vs Slug



Right In: 76.099+/-0.021 χ^2/NDF : 409200.9/15

Left Out: 88.673+/-0.019 χ^2/NDF : 169292.0/13

Right Out: 79.393+/-0.022 χ^2/NDF : 385048.8/17

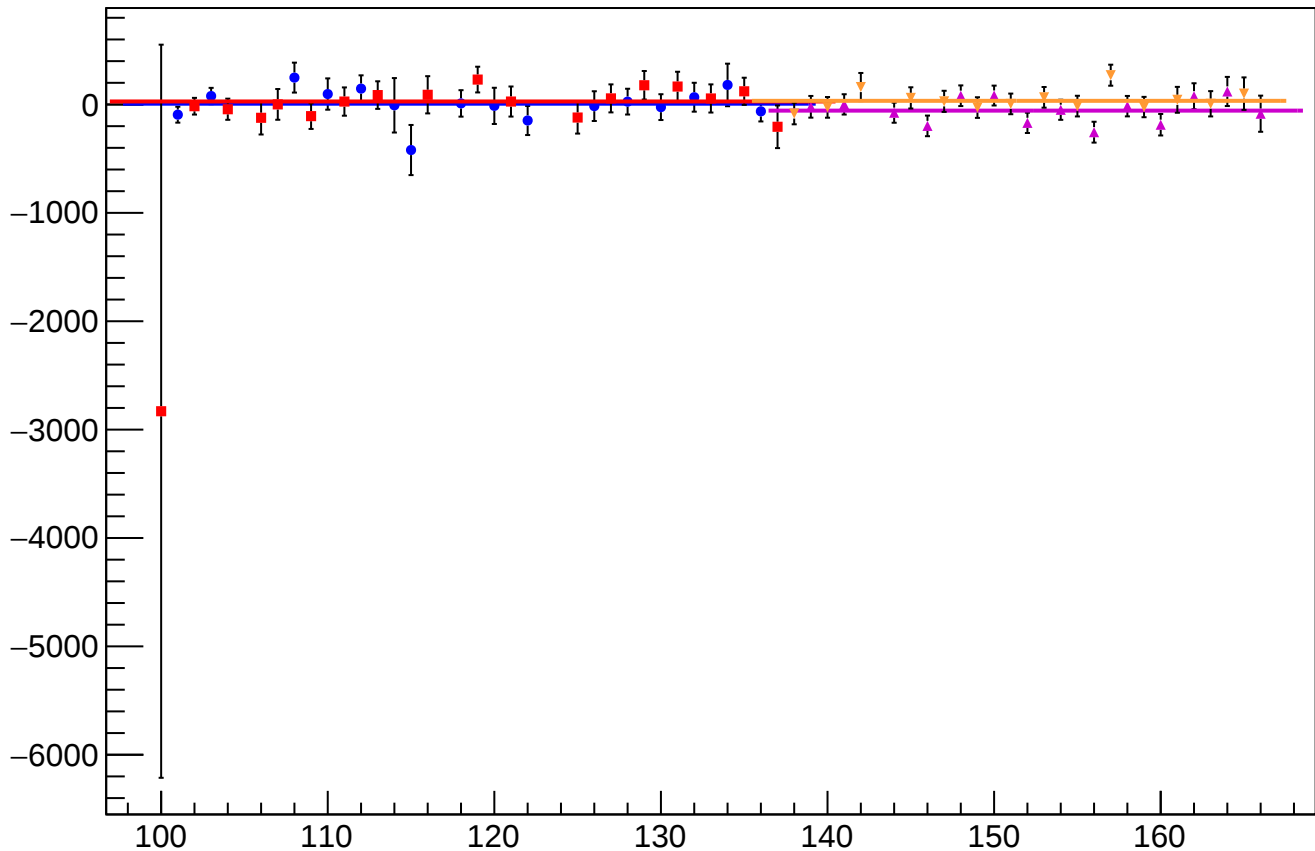
Left In: 88.476+/-0.019 χ^2/NDF : 168691.4/13

+ sign 82.942+/-0.014 χ^2/NDF : 769756.9/29

All: 83.722+/-0.010 χ^2/NDF : 1429330.6/61

- sign 84.495+/-0.014 χ^2/NDF : 653665.0/31

reg_asym_ds_dd_mean vs Slug



Right In: 7.460 ± 29.969 χ^2/NDF : 13.9/15

Left Out: 33.754 ± 27.442 χ^2/NDF : 10.3/13

Right Out: 27.920 ± 30.428 χ^2/NDF : 12.5/17

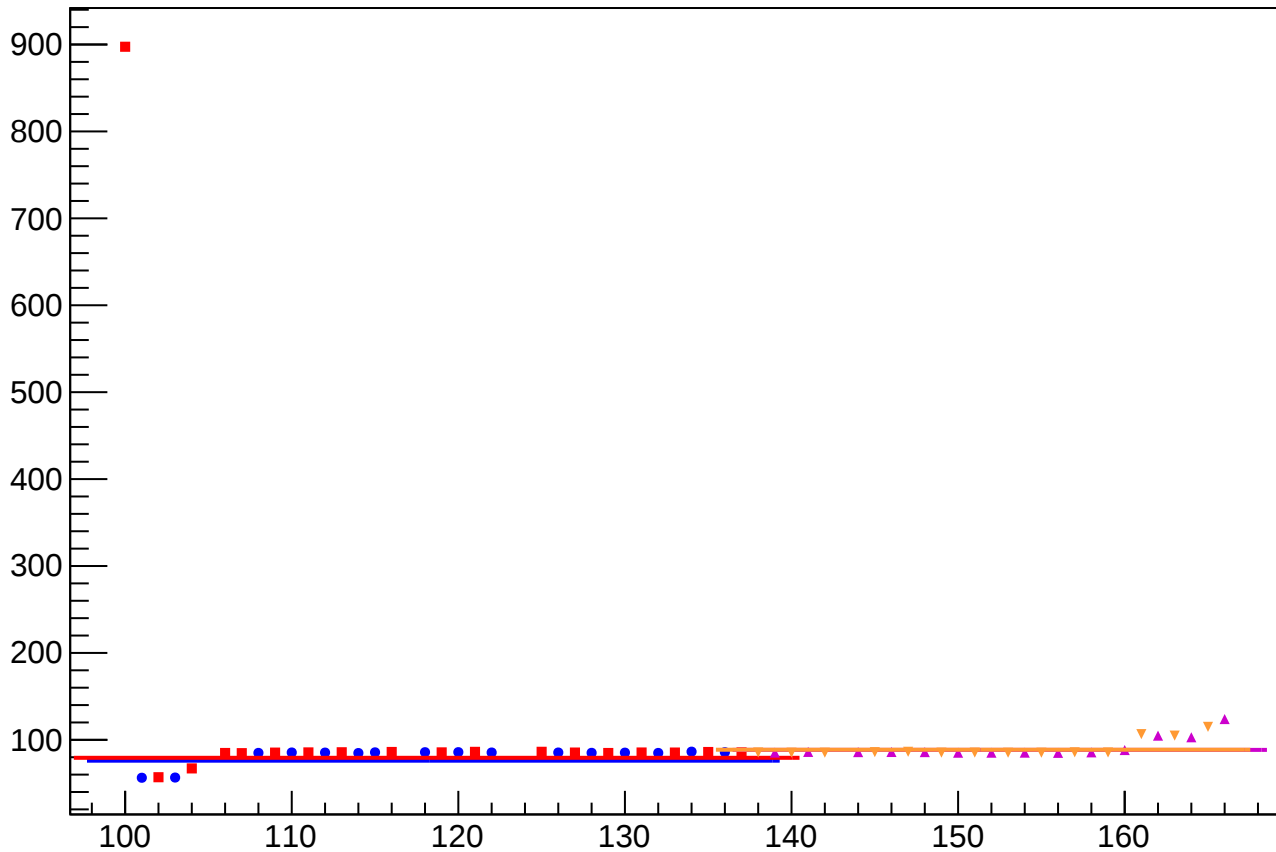
Left In: -56.580 ± 26.893 χ^2/NDF : 17.7/13

+ sign 21.762 ± 20.239 χ^2/NDF : 24.6/29

All: 1.031 ± 14.280 χ^2/NDF : 61.3/61

- sign -19.520 ± 20.151 χ^2/NDF : 34.6/31

reg_asym_ds_dd_rms vs Slug



Right In: 76.032 $\pm$ 0.021 χ^2 /NDF: 408917.7/15

Left Out: 88.644 $\pm$ 0.019 χ^2 /NDF: 168479.7/13

Right Out: 79.342 $\pm$ 0.022 χ^2 /NDF: 378371.9/17

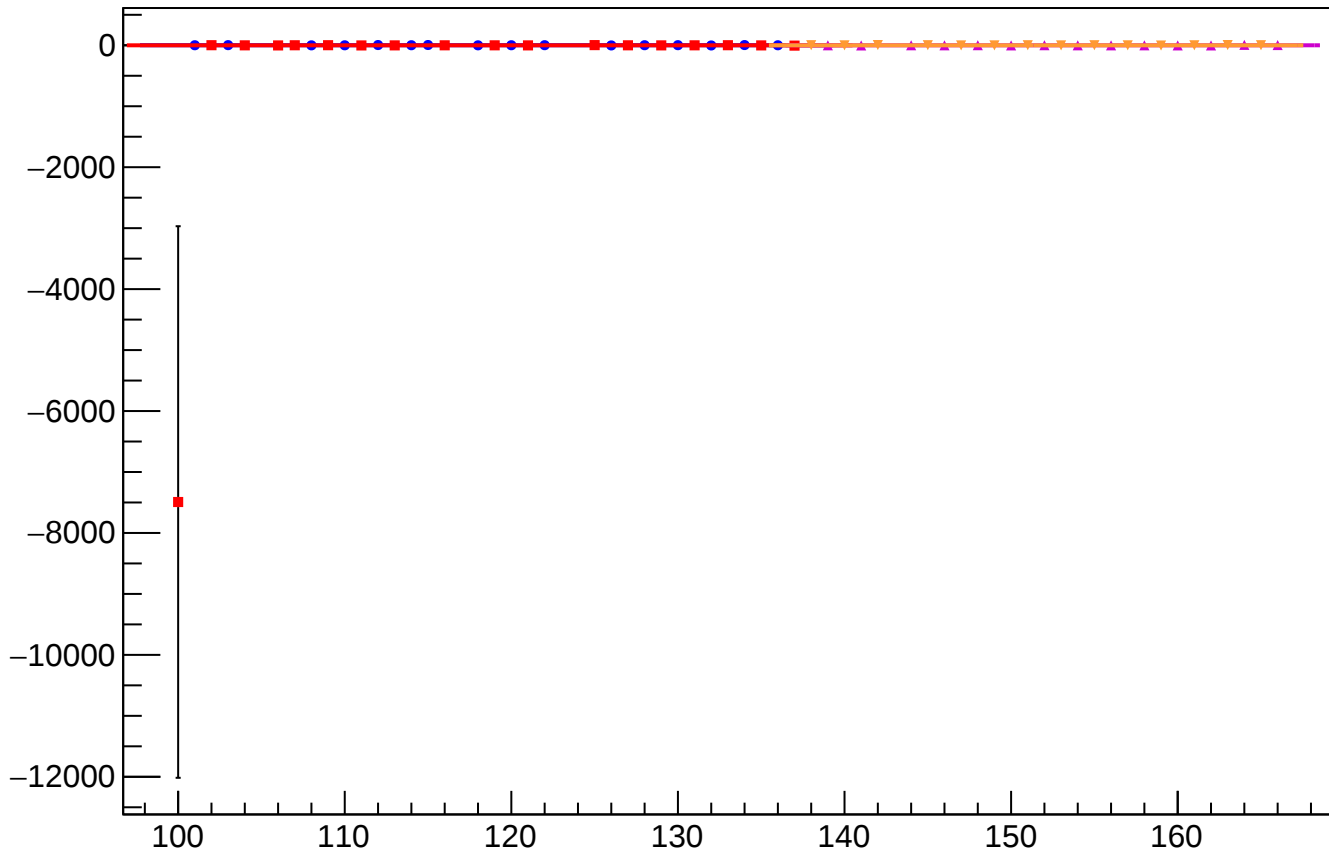
Left In: 88.446 $\pm$ 0.019 χ^2 /NDF: 169992.3/13

+ sign 82.892 $\pm$ 0.014 χ^2 /NDF: 770055.9/29

All: 83.676 $\pm$ 0.010 χ^2 /NDF: 1424909.4/61

- sign 84.453 $\pm$ 0.014 χ^2 /NDF: 648877.7/31

asym_ds_dd_correction_mean vs Slug



Right In: 0.911 ± 0.532 χ^2/NDF : 12.0/15

Left Out: -0.417 ± 0.478 χ^2/NDF : 15.5/13

Right Out: -0.314 ± 0.548 χ^2/NDF : 12.6/17

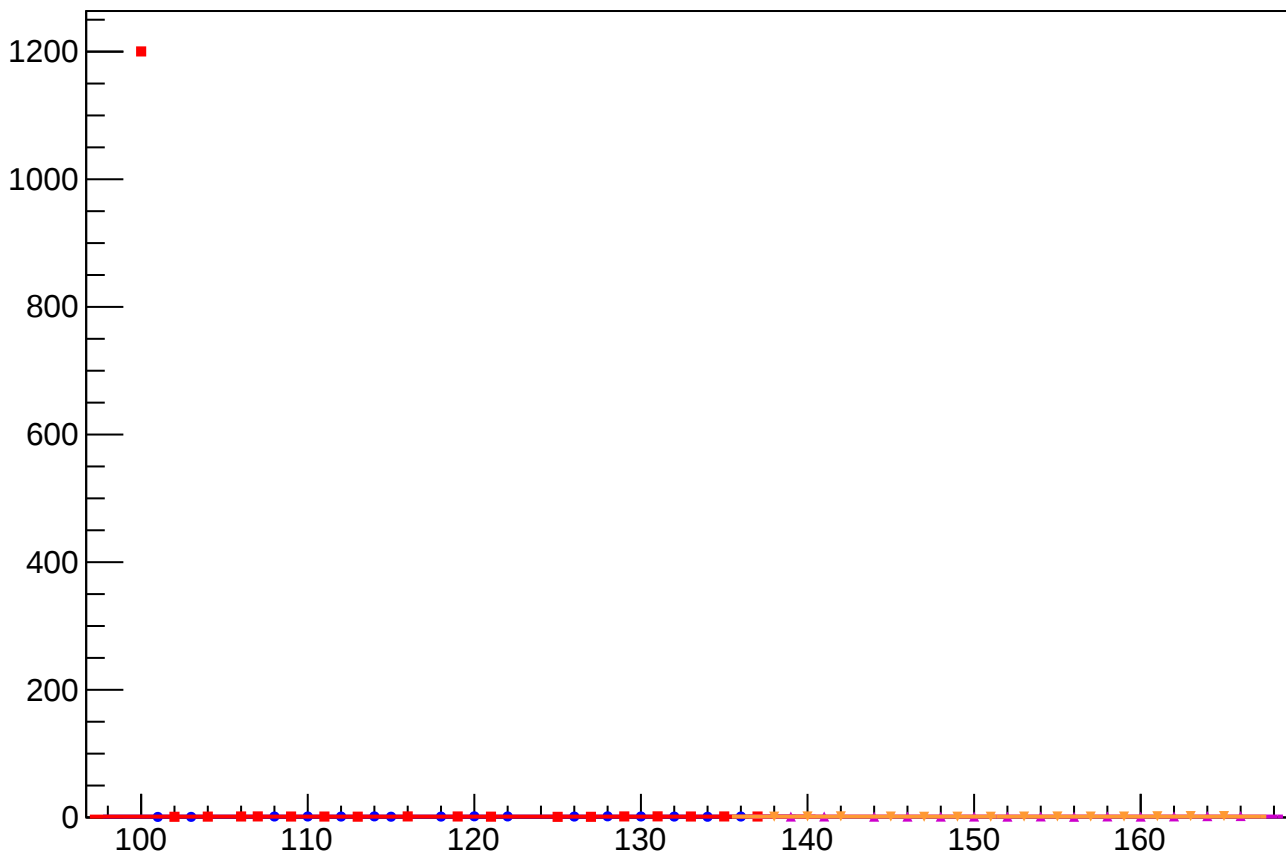
Left In: -0.070 ± 0.473 χ^2/NDF : 14.6/13

+ sign 0.175 ± 0.355 χ^2/NDF : 31.0/29

All: 0.002 ± 0.252 χ^2/NDF : 58.8/61

- sign -0.174 ± 0.358 χ^2/NDF : 27.3/31

asym_ds_dd_correction_rms vs Slug



Right In: 1.238 $\pm$ 0.000 χ^2 /NDF: 657848.9/15

Left Out: 1.398 $\pm$ 0.000 χ^2 /NDF: 639194.5/13

Right Out: 1.317 $\pm$ 0.000 χ^2 /NDF: 521587.9/17

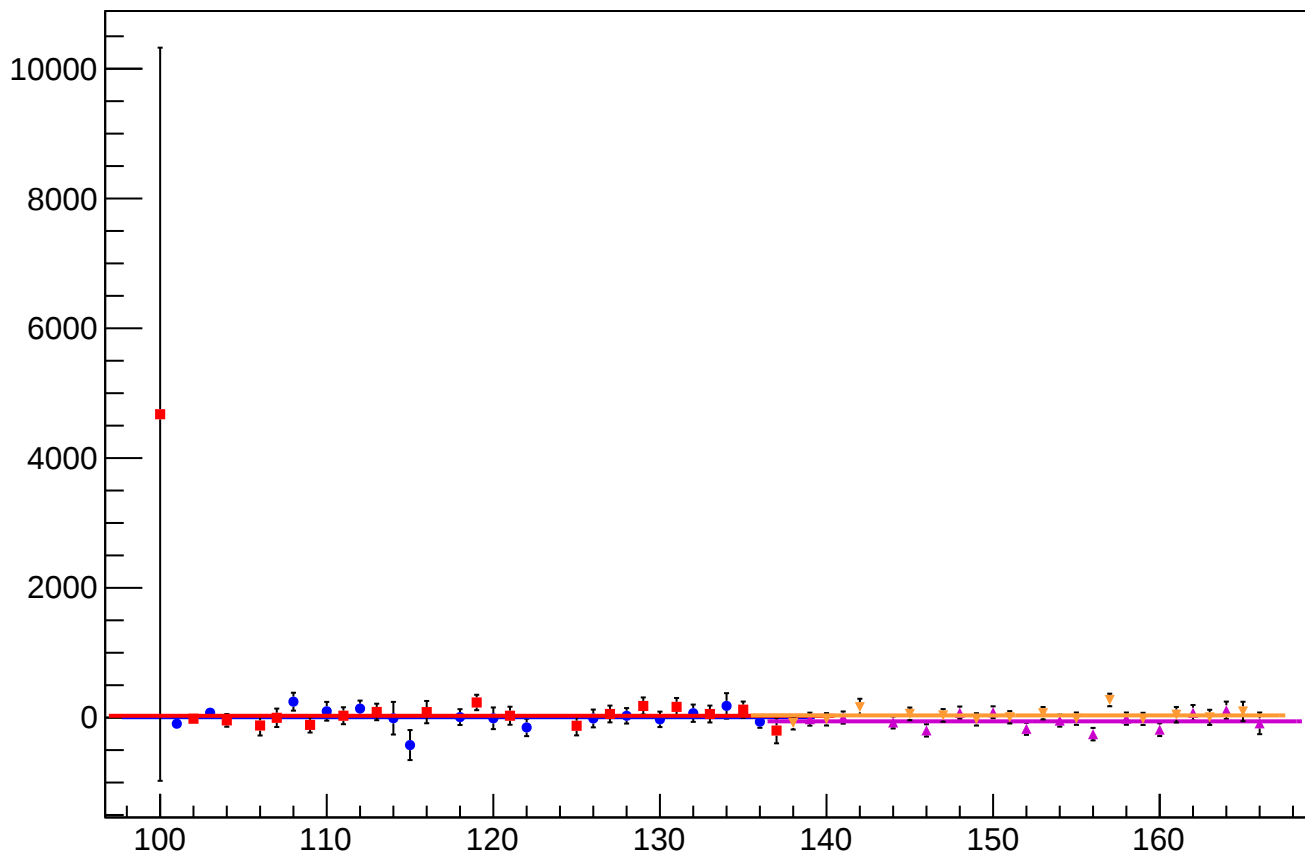
Left In: 1.415 $\pm$ 0.000 χ^2 /NDF: 460355.2/13

+ sign 1.326 $\pm$ 0.000 χ^2 /NDF: 1397294.5/29

All: 1.350 $\pm$ 0.000 χ^2 /NDF: 2432680.1/61

- sign 1.373 $\pm$ 0.000 χ^2 /NDF: 1018109.5/31

asym_ds_dd_mean vs Slug



Right In: 6.781 ± 29.977 χ^2/NDF : 13.8/15

Left Out: 34.611 ± 27.450 χ^2/NDF : 10.3/13

Right Out: 28.551 ± 30.437 χ^2/NDF : 12.7/17

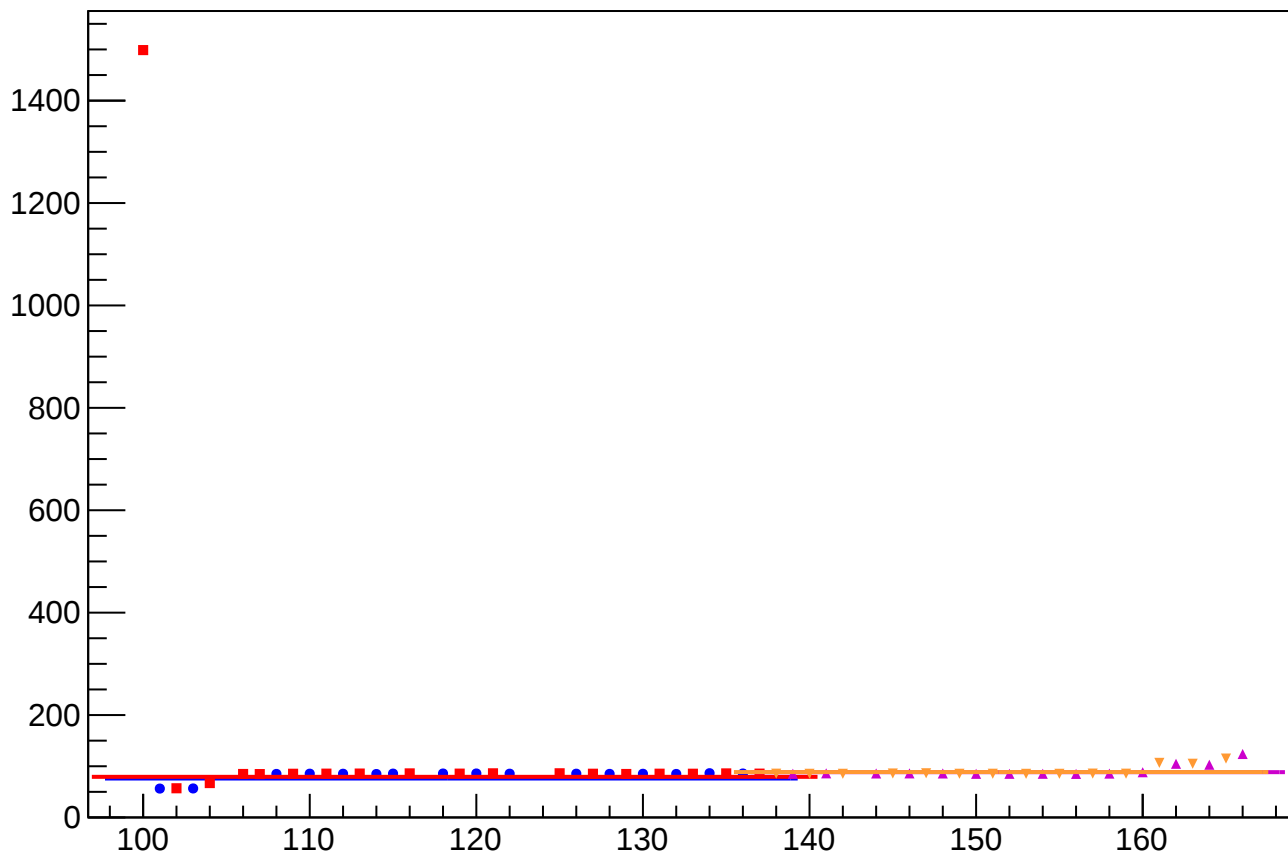
Left In: -56.991 ± 26.901 χ^2/NDF : 17.4/13

+ sign 21.918 ± 20.245 χ^2/NDF : 24.6/29

All: 1.131 ± 14.284 χ^2/NDF : 61.2/61

- sign -19.475 ± 20.157 χ^2/NDF : 34.5/31

asym_ds_dd_rms vs Slug



Right In: 76.052 $\pm$ 0.021 χ^2 /NDF: 408962.1/15

Left Out: 88.668 $\pm$ 0.019 χ^2 /NDF: 168657.8/13

Right Out: 79.338 $\pm$ 0.022 χ^2 /NDF: 387631.3/17

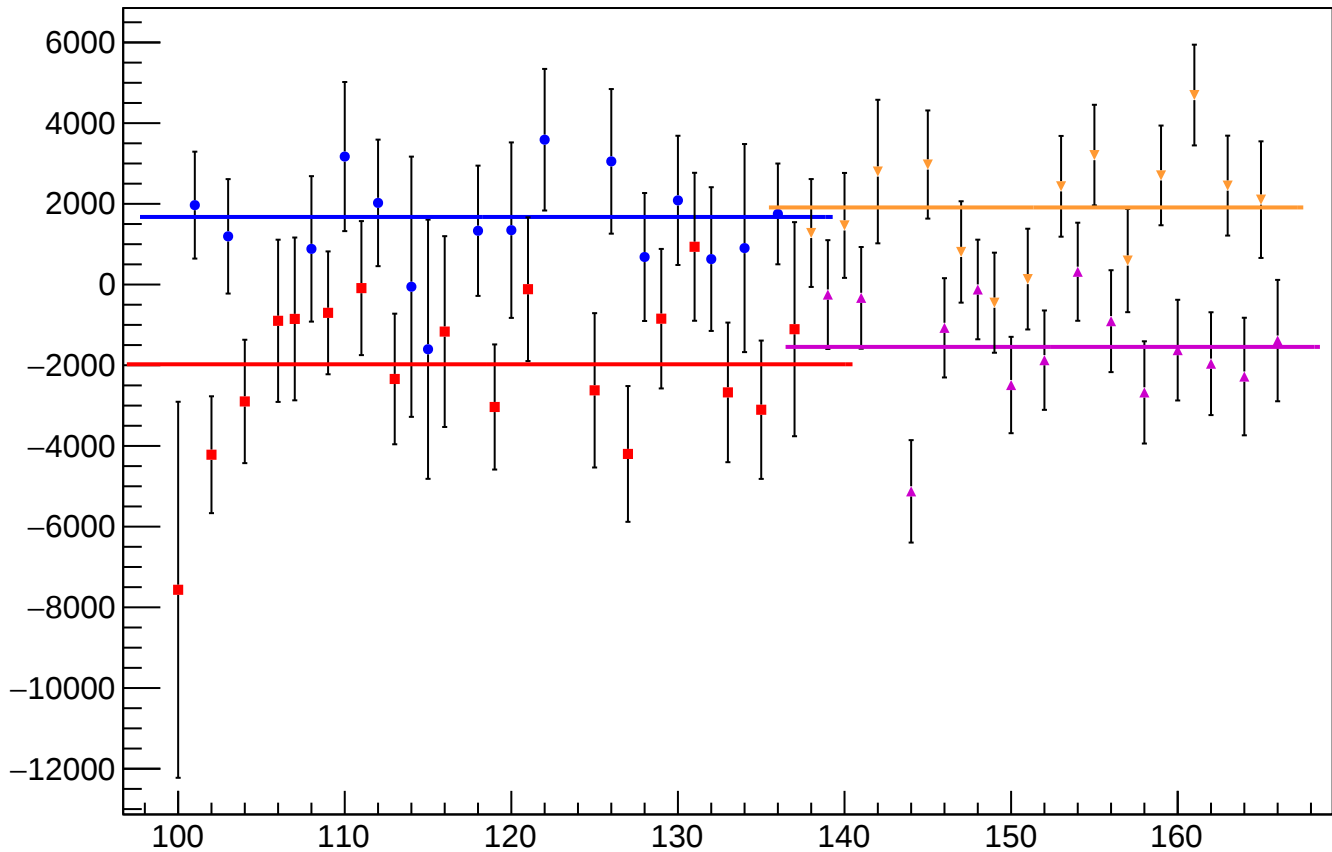
Left In: 88.470 $\pm$ 0.019 χ^2 /NDF: 170063.1/13

+ sign 82.914 $\pm$ 0.014 χ^2 /NDF: 770288.7/29

All: 83.693 $\pm$ 0.010 χ^2 /NDF: 1434951.9/61

- sign 84.465 $\pm$ 0.014 χ^2 /NDF: 658768.1/31

reg_asym_usl_mean vs Slug



Right In: 1674.993 $\pm$ 430.597 χ^2 /NDF: 5.1/15

Left Out: 1910.907 $\pm$ 347.690 χ^2 /NDF:15.6/13

Right Out: -1976.296 $\pm$ 422.405 χ^2 /NDF: 14.0/17

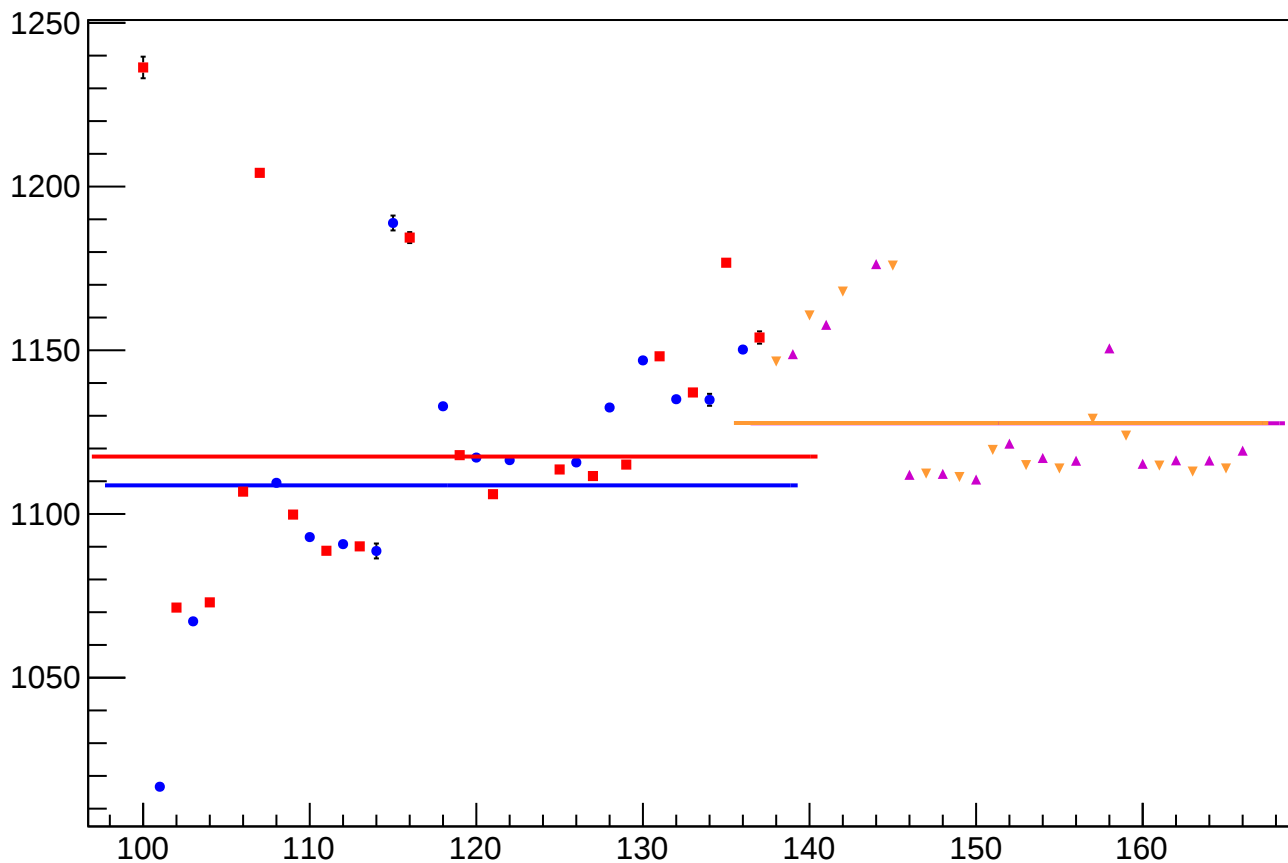
Left In: -1545.530 $\pm$ 341.456 χ^2 /NDF:15.8/13

+ sign 1817.799 $\pm$ 270.513 χ^2 /NDF: 20.9/29

All: 18.274 $\pm$ 189.501 χ^2 /NDF: 138.2/61

- sign -1715.770 $\pm$ 265.546 χ^2 /NDF: 30.4/31

reg_asym_usl_rms vs Slug



Right In: 1108.739 $\pm$ 0.304 χ^2 /NDF: 18080.7/15

Left Out: 1127.790 $\pm$ 0.246 χ^2 /NDF: 7177.6/13

Right Out: 1117.539 $\pm$ 0.299 χ^2 /NDF: 15515.2/17

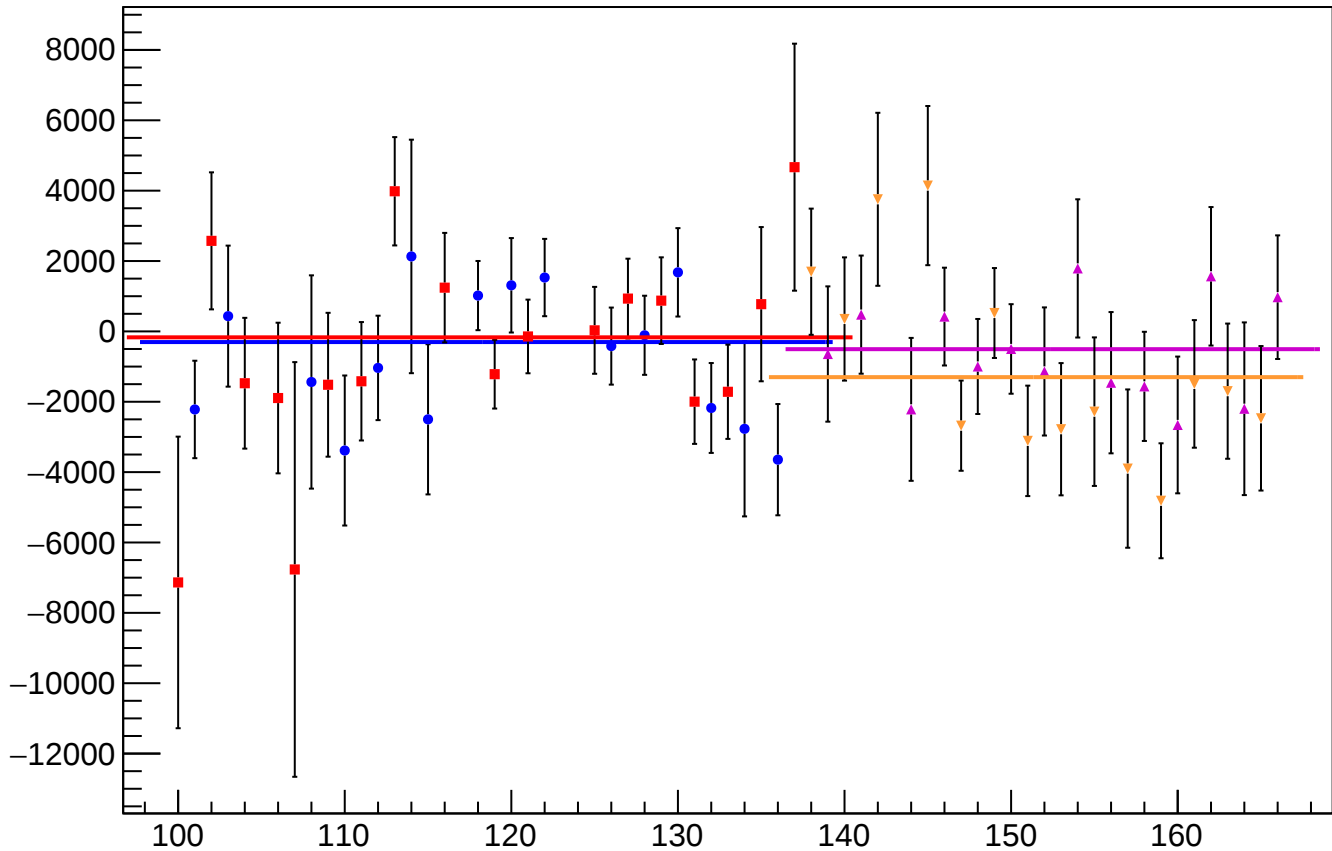
Left In: 1127.706 $\pm$ 0.241 χ^2 /NDF: 7175.0/13

+ sign 1120.271 $\pm$ 0.191 χ^2 /NDF: 27628.1/29

All: 1122.011 $\pm$ 0.134 χ^2 /NDF: 51181.6/61

- sign 1123.688 $\pm$ 0.188 χ^2 /NDF: 23391.0/31

asym_usl_correction_mean vs Slug



Right In: -303.335+/-360.068 χ^2/NDF : 22.3/15

Left Out: -1300.399+/-470.556 χ^2/NDF : 25.4/13

Right Out: -168.849+/-356.237 χ^2/NDF : 24.9/17

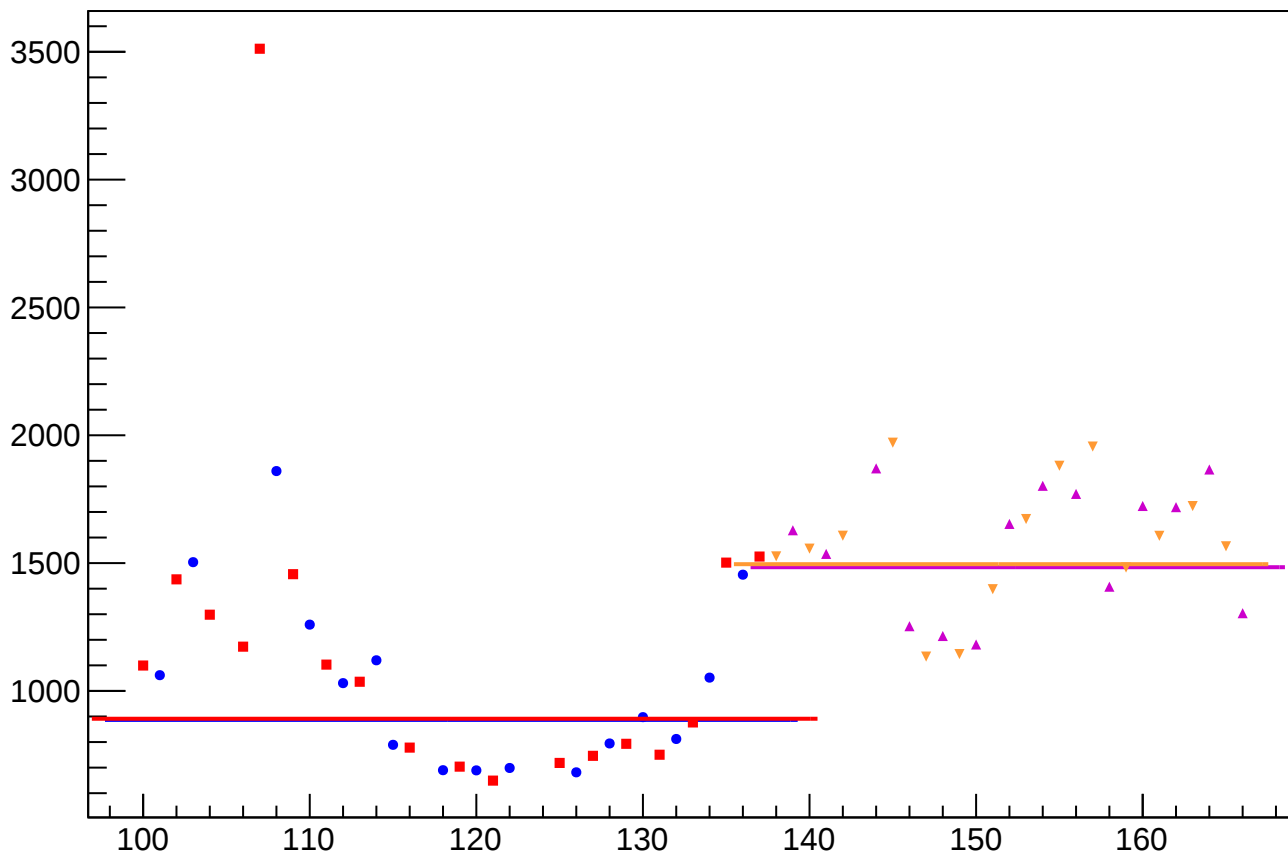
Left In: -505.293+/-457.000 χ^2/NDF : 7.3/13

+ sign -671.546+/-285.955 χ^2/NDF : 50.5/29

All: -480.472+/-200.411 χ^2/NDF : 83.9/61

- sign -296.015+/-280.960 χ^2/NDF : 32.5/31

asym_usl_correction_rms vs Slug



Right In: 886.691 $\pm$ 0.255 χ^2 /NDF: 1060864.2/15

Left Out: 1495.794 $\pm$ 0.333 χ^2 /NDF: 619248.7/13

Right Out: 891.197 $\pm$ 0.252 χ^2 /NDF: 1414187.9/17

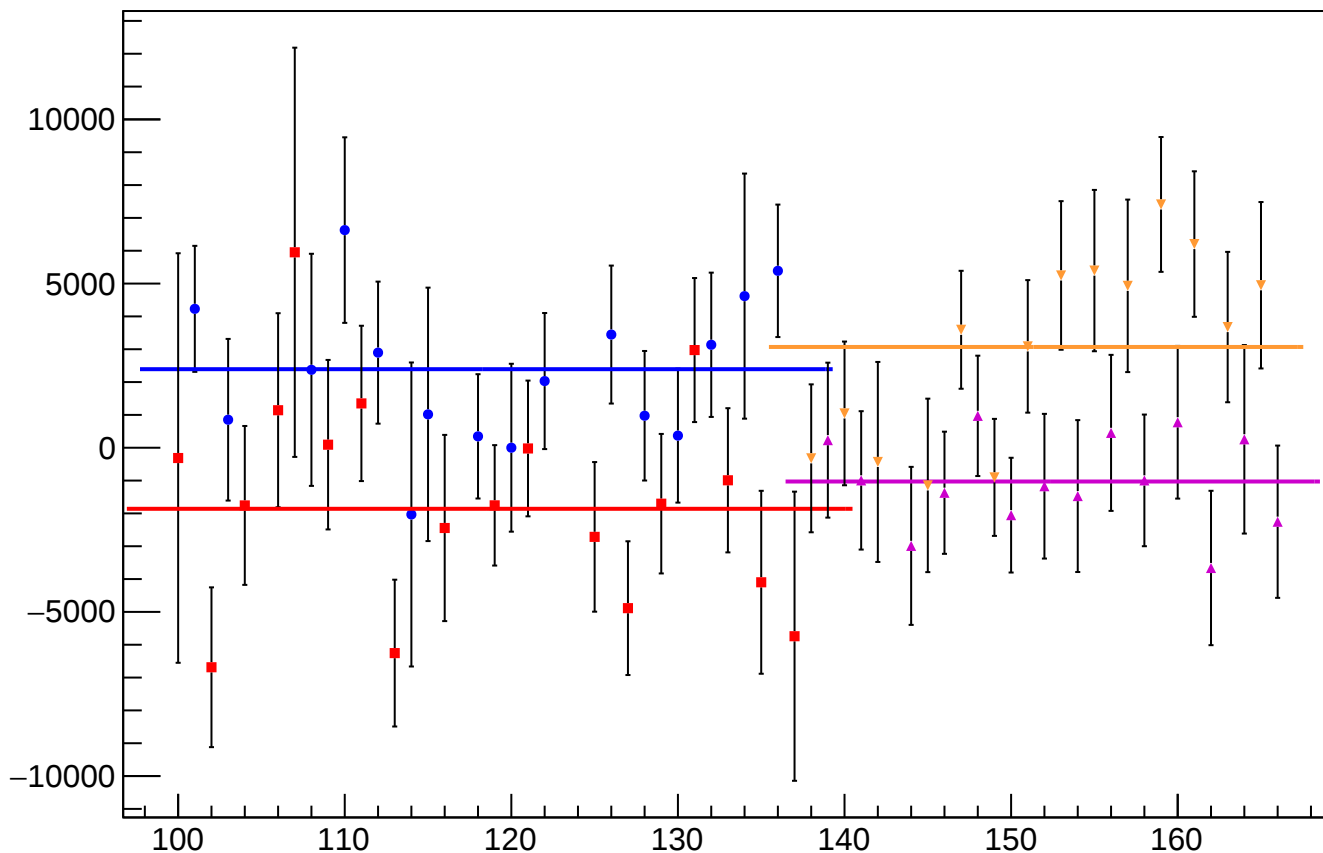
Left In: 1483.957 $\pm$ 0.323 χ^2 /NDF: 576849.6/13

+ sign 1111.630 $\pm$ 0.202 χ^2 /NDF: 3793675.1/29

All: 1113.468 $\pm$ 0.142 χ^2 /NDF: 7877865.3/63

- sign 1115.242 $\pm$ 0.199 χ^2 /NDF: 4084027.9/31

asym_usl_mean vs Slug



Right In: 2392.385 $\pm$ 588.991 χ^2 /NDF: 11.2/15

Left Out: 3069.229 $\pm$ 595.470 χ^2 /NDF:21.5/13

Right Out: -1859.867 $\pm$ 583.119 χ^2 /NDF: 22.5/17

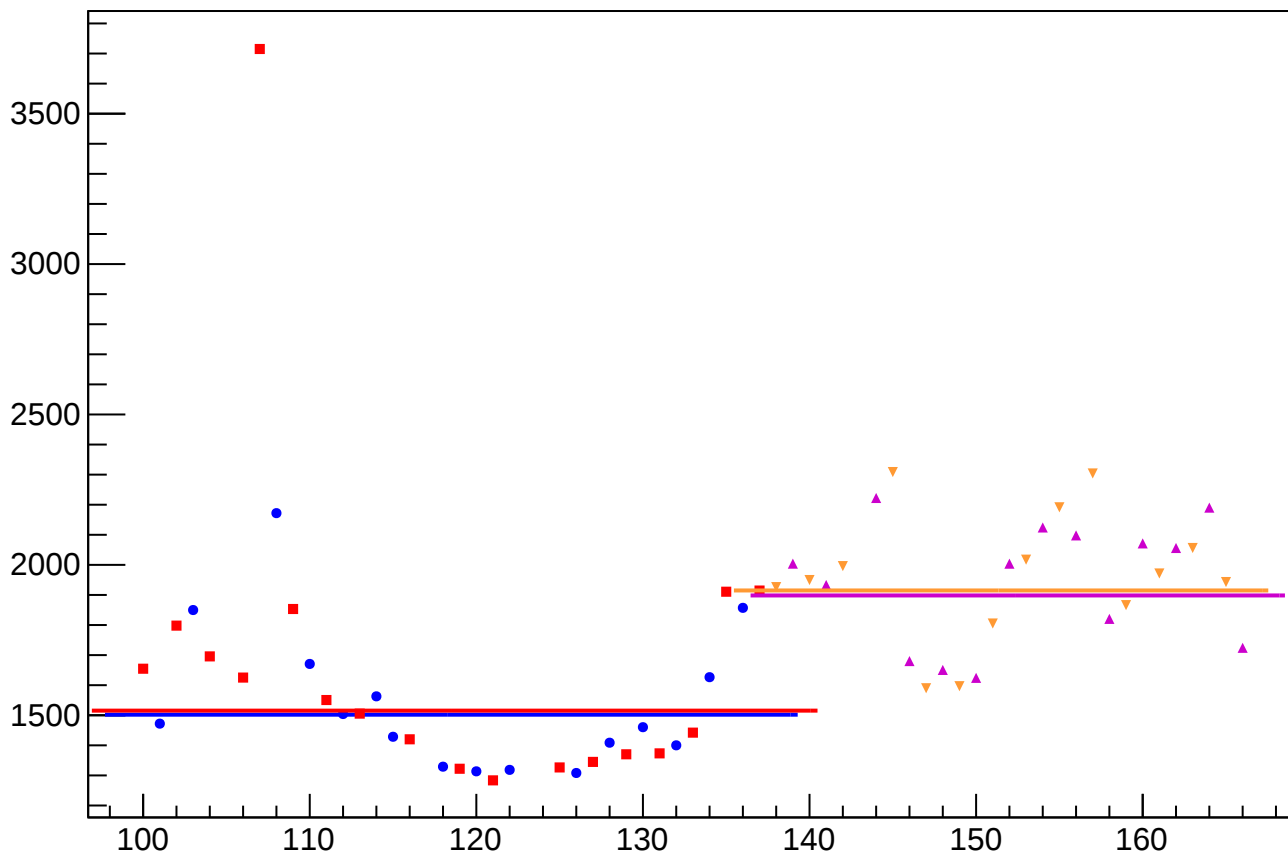
Left In: -1028.670 $\pm$ 578.968 χ^2 /NDF:5.3/13

+ sign 2727.105 $\pm$ 418.751 χ^2 /NDF: 33.3/29

All: 603.216 $\pm$ 293.269 χ^2 /NDF: 112.6/61

- sign -1441.299 $\pm$ 410.852 χ^2 /NDF: 28.8/31

asym_usl_rms vs Slug



Right In: 1501.937+/-0.416 χ^2/NDF : 254549.7/15

Left Out: 1914.923+/-0.421 χ^2/NDF : 265164.6/13

Right Out: 1515.406+/-0.412 χ^2/NDF : 479759.9/17

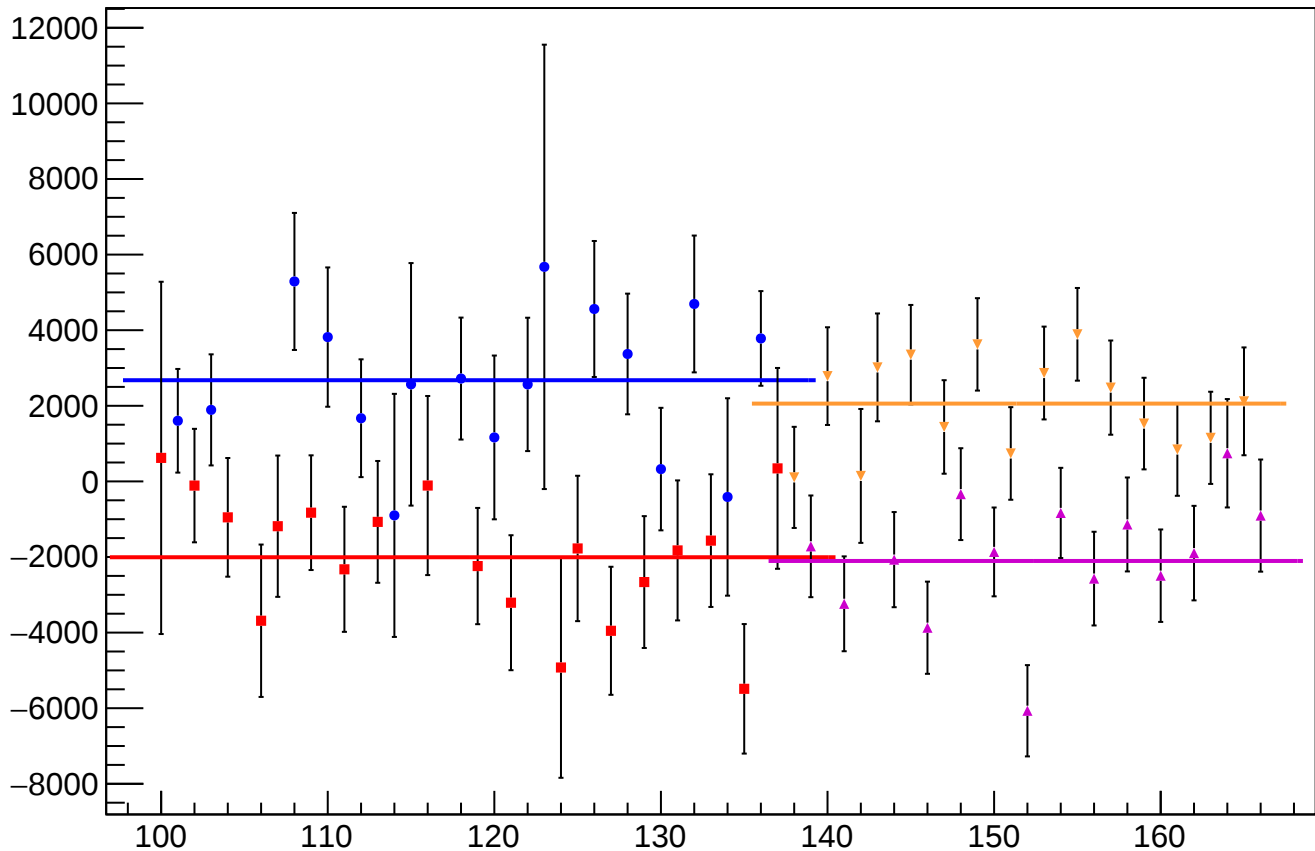
Left In: 1898.326+/-0.409 χ^2/NDF : 246820.4/13

+ sign 1706.171+/-0.296 χ^2/NDF : 1005983.9/29

All: 1707.222+/-0.207 χ^2/NDF : 2166894.2/63

- sign 1708.234+/-0.291 χ^2/NDF : 1160885.5/31

reg_asym_usr_mean vs Slug



Right In: 2676.683 $\pm$ 433.582 χ^2 /NDF: 12.6/16

Left Out: 2058.082 $\pm$ 332.962 χ^2 /NDF:12.6/14

Right Out: -2006.577 $\pm$ 419.165 χ^2 /NDF: 12.8/18

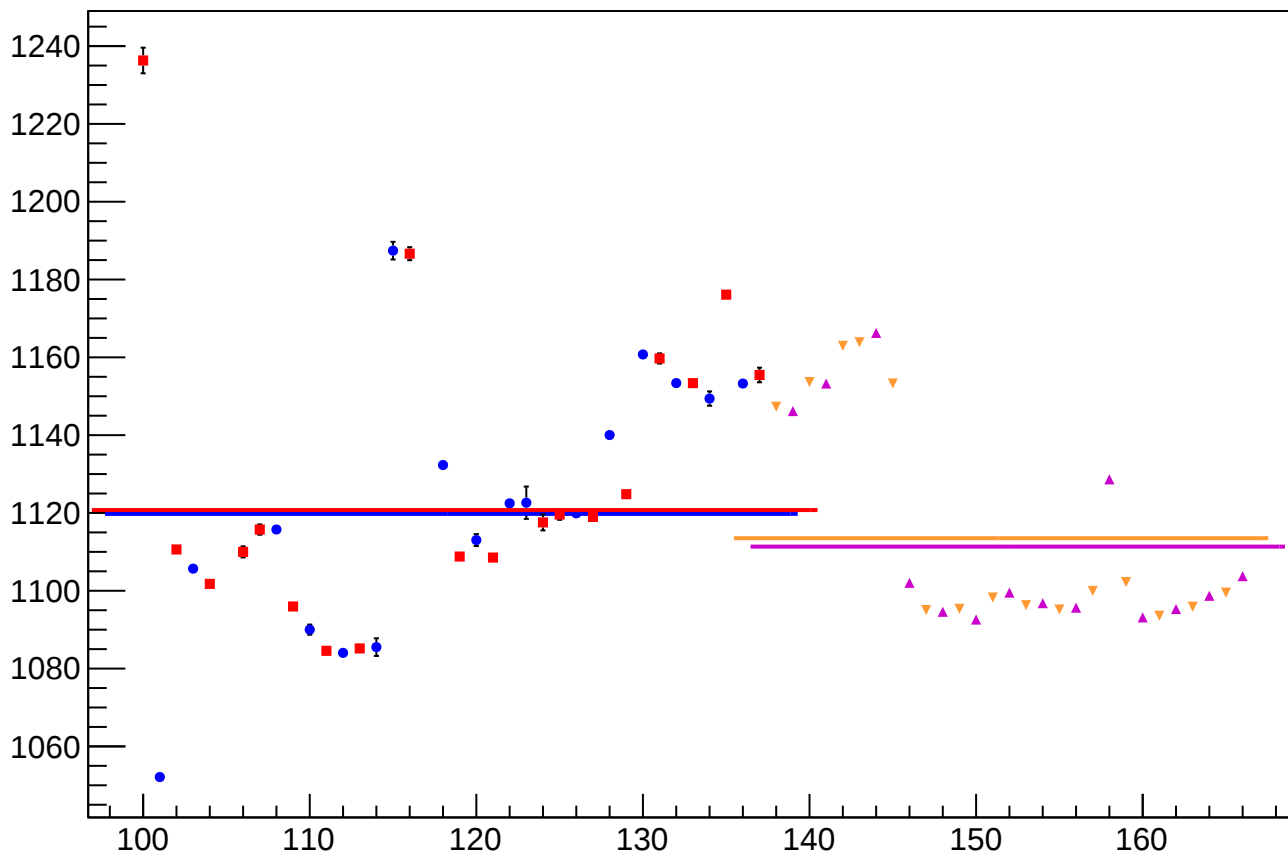
Left In: -2104.891 $\pm$ 336.530 χ^2 /NDF:22.5/13

+ sign 2287.558 $\pm$ 264.079 χ^2 /NDF: 26.5/31

All: 96.878 $\pm$ 186.143 χ^2 /NDF: 198.6/64

- sign -2066.357 $\pm$ 262.419 χ^2 /NDF: 35.4/32

reg_asym_usr_rms vs Slug



Right In: 1119.762 $\pm$ 0.307 χ^2 /NDF: 11876.8/16

Left Out: 1113.514 $\pm$ 0.235 χ^2 /NDF:12672.6/14

Right Out: 1120.746 $\pm$ 0.296 χ^2 /NDF: 9934.2/18

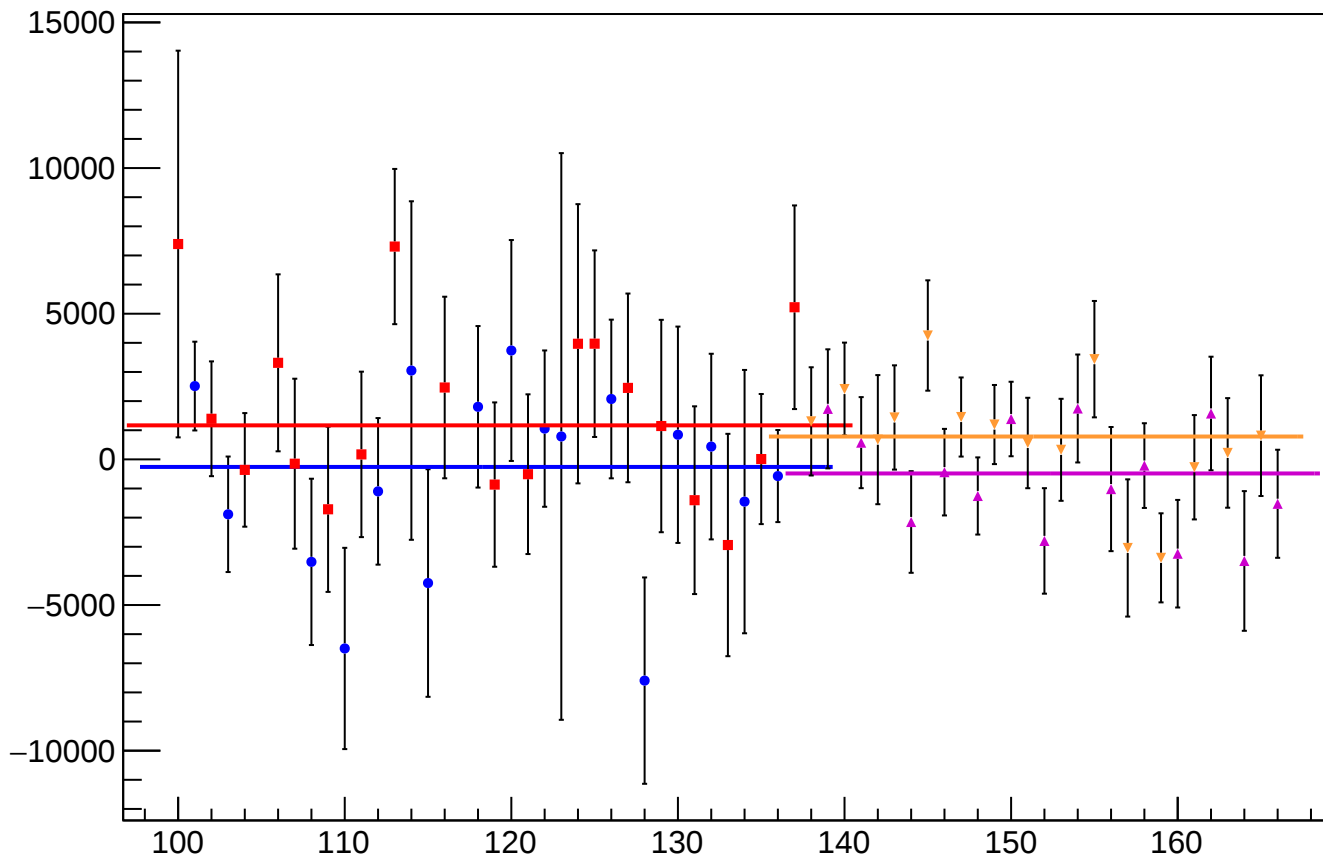
Left In: 1111.351 $\pm$ 0.238 χ^2 /NDF:10563.6/13

+ sign 1115.832 $\pm$ 0.187 χ^2 /NDF: 24810.7/31

All: 1115.430 $\pm$ 0.132 χ^2 /NDF: 45928.5/64

- sign 1115.033 $\pm$ 0.186 χ^2 /NDF: 21108.7/32

asym_usr_correction_mean vs Slug



Right In: -259.821+/-655.275 χ^2/NDF : 17.2/16

Left Out: 784.177+/-447.672 χ^2/NDF : 17.3/14

Right Out: 1167.598+/-662.428 χ^2/NDF : 14.4/18

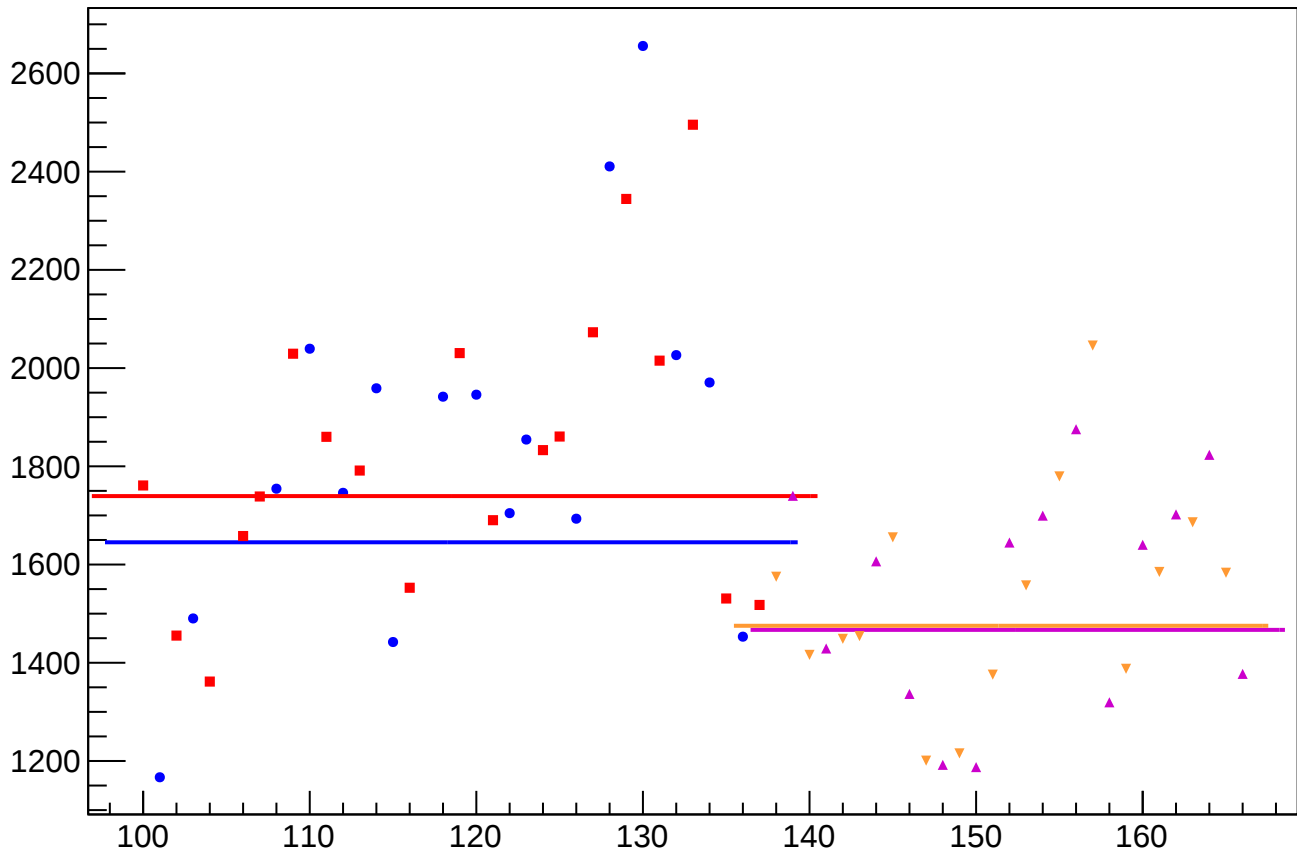
Left In: -483.556+/-450.707 χ^2/NDF : 13.4/13

+ sign 451.962+/-369.644 χ^2/NDF : 36.2/31

All: 247.111+/-262.429 χ^2/NDF : 69.0/64

- sign 38.931+/-372.634 χ^2/NDF : 32.1/32

asym_usr_correction_rms vs Slug



Right In: 1645.307+/-0.463 χ^2/NDF : 600915.2/16

Left Out: 1475.319+/-0.317 χ^2/NDF : 403143.7/14

Right Out: 1739.382+/-0.468 χ^2/NDF : 371012.9/18

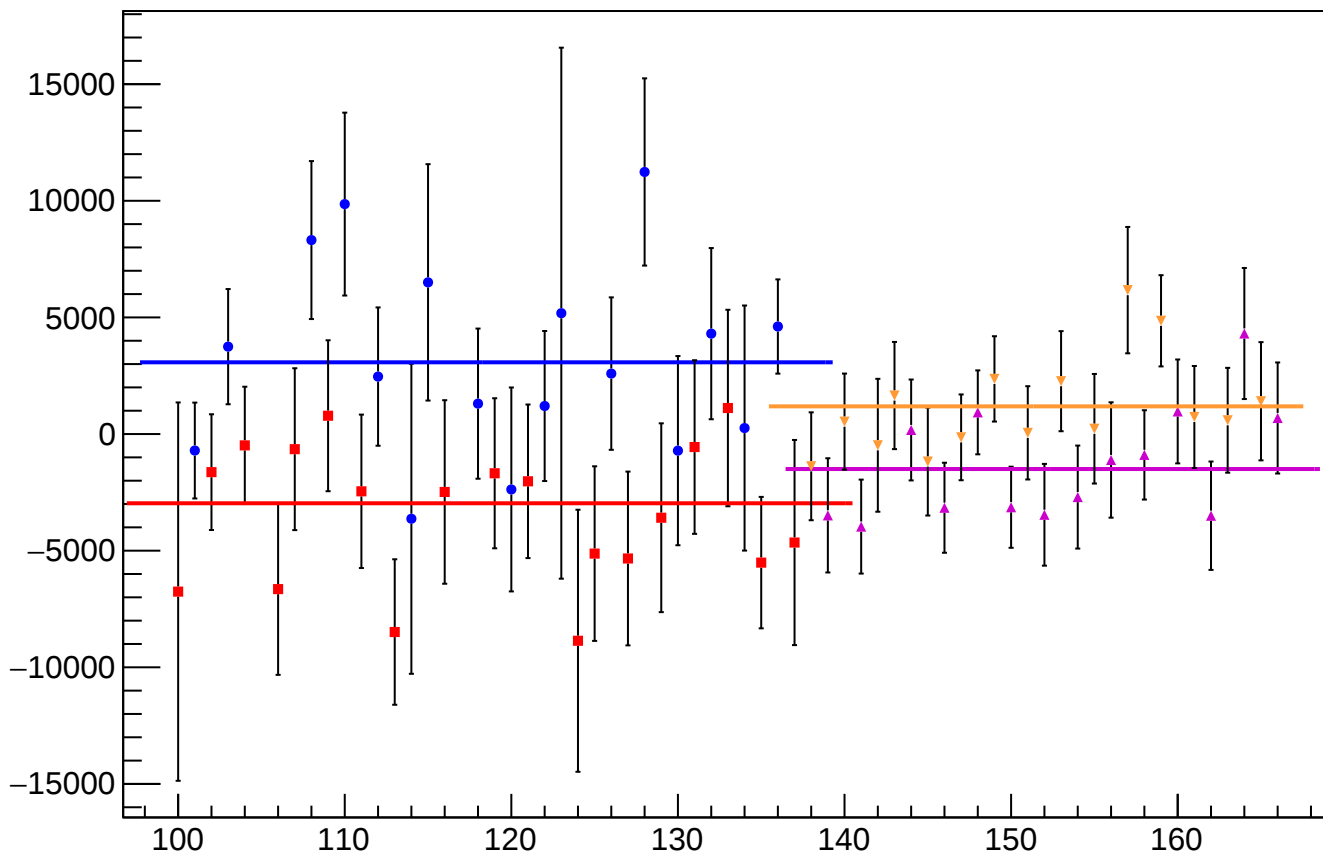
Left In: 1466.972+/-0.319 χ^2/NDF : 487163.5/13

+ sign 1529.412+/-0.261 χ^2/NDF : 1095821.0/31

All: 1541.197+/-0.186 χ^2/NDF : 2189288.8/64

- sign 1553.173+/-0.263 χ^2/NDF : 1089368.9/32

asym_usr_mean vs Slug



Right In: 3075.401 $\pm$ 802.249 χ^2 /NDF: 18.6/16

Left Out: 1187.101 $\pm$ 565.607 χ^2 /NDF: 11.5/14

Right Out: -2967.536 $\pm$ 795.639 χ^2 /NDF: 11.9/18

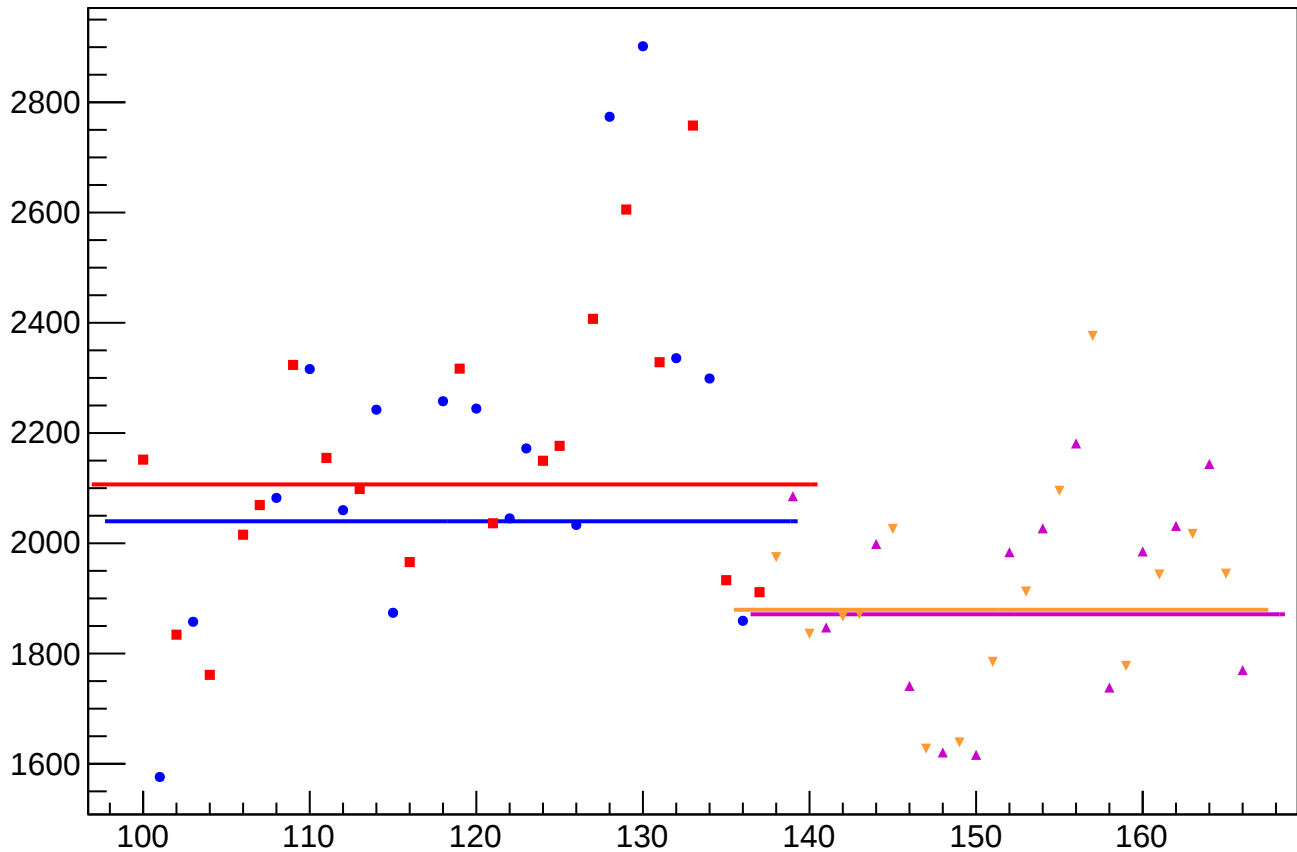
Left In: -1499.640 $\pm$ 570.060 χ^2 /NDF: 14.5/13

+ sign 1814.063 $\pm$ 462.269 χ^2 /NDF: 33.8/31

All: -87.114 $\pm$ 327.271 χ^2 /NDF: 96.3/64

- sign -1997.569 $\pm$ 463.395 χ^2 /NDF: 28.7/32

asym_usr_rms vs Slug



Right In: 2039.942 $\pm$ 0.567 χ^2 /NDF: 331984.0/16

Left Out: 1879.412 $\pm$ 0.400 χ^2 /NDF:189667.2/14

Right Out: 2106.832 $\pm$ 0.563 χ^2 /NDF: 195448.9/18

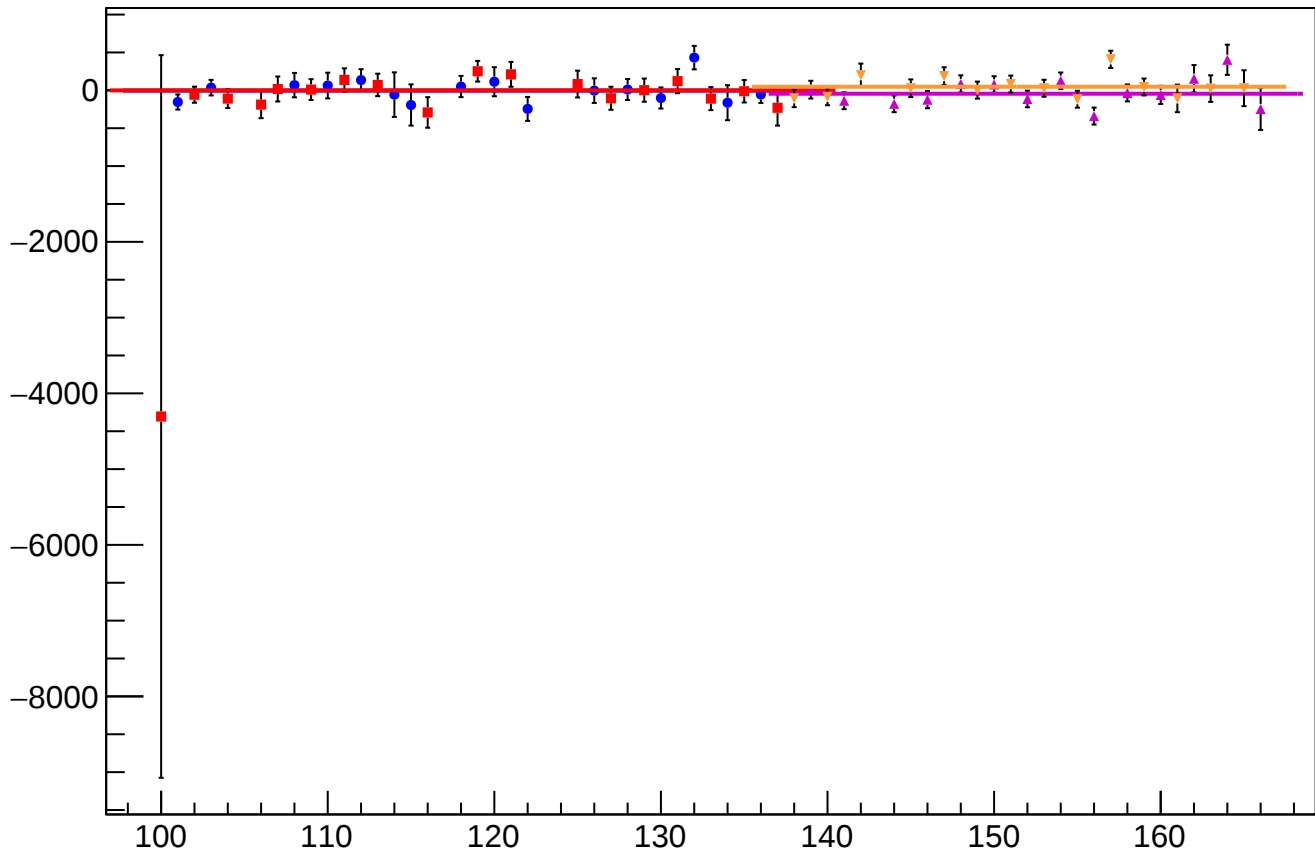
Left In: 1871.198 $\pm$ 0.403 χ^2 /NDF:207028.8/13

+ sign 1932.712 $\pm$ 0.327 χ^2 /NDF: 575142.7/31

All: 1941.897 $\pm$ 0.231 χ^2 /NDF: 1095118.3/64

- sign 1951.128 $\pm$ 0.328 χ^2 /NDF: 518392.3/32

reg_asym_dsl_mean vs Slug



Right In: -3.283 ± 36.714 χ^2/NDF : 16.1/15

Left Out: 47.323 ± 33.346 χ^2/NDF : 18.9/13

Right Out: -0.487 ± 36.699 χ^2/NDF : 14.0/17

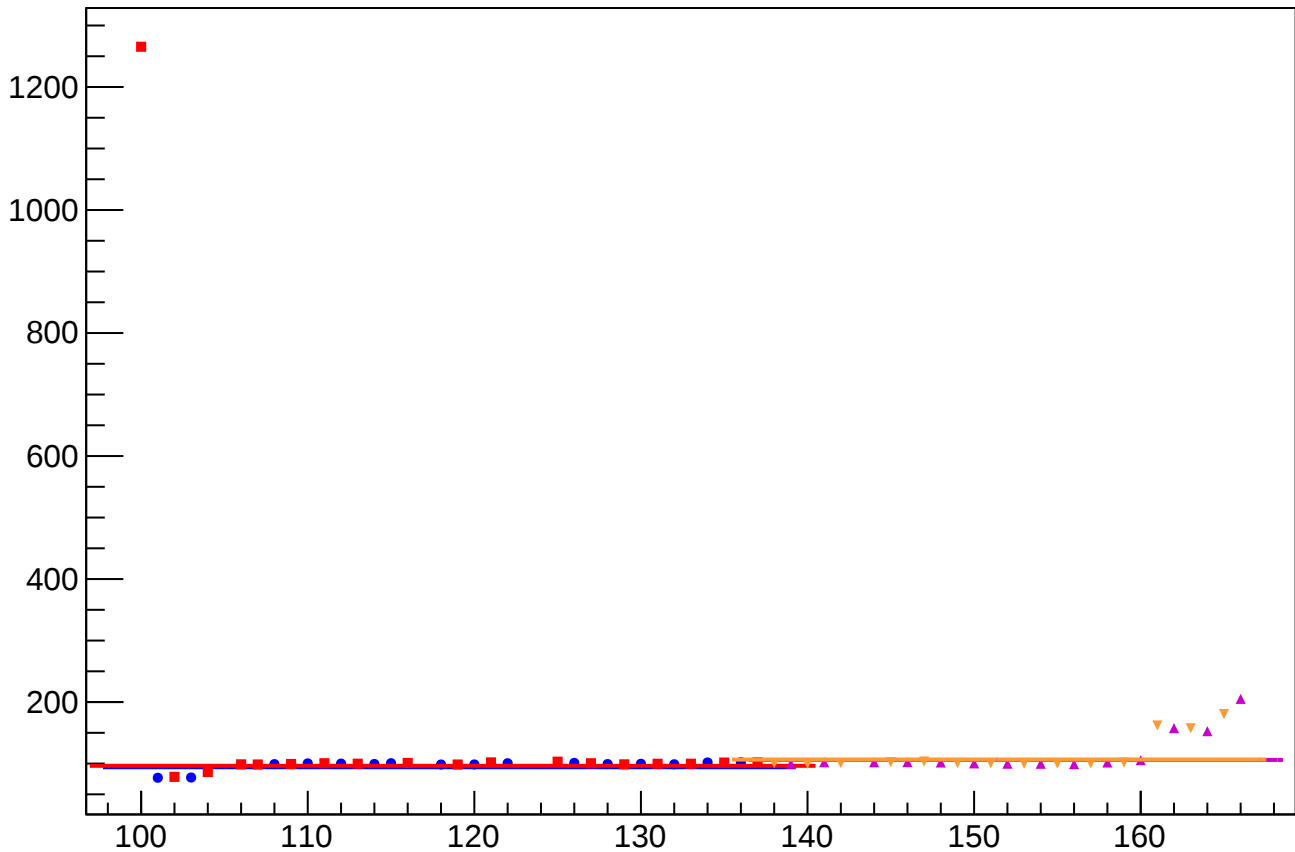
Left In: -44.809 ± 32.553 χ^2/NDF : 22.1/13

+ sign 24.448 ± 24.684 χ^2/NDF : 36.1/29

All: -0.758 ± 17.336 χ^2/NDF : 75.0/61

- sign -25.291 ± 24.353 χ^2/NDF : 36.9/31

reg_asym_dsl_rms vs Slug



Right In: 94.068 $\pm$ 0.026 χ^2 /NDF: 152285.6/15

Left Out: 106.523 $\pm$ 0.024 χ^2 /NDF: 604417.8/13

Right Out: 96.372 $\pm$ 0.026 χ^2 /NDF: 209228.5/17

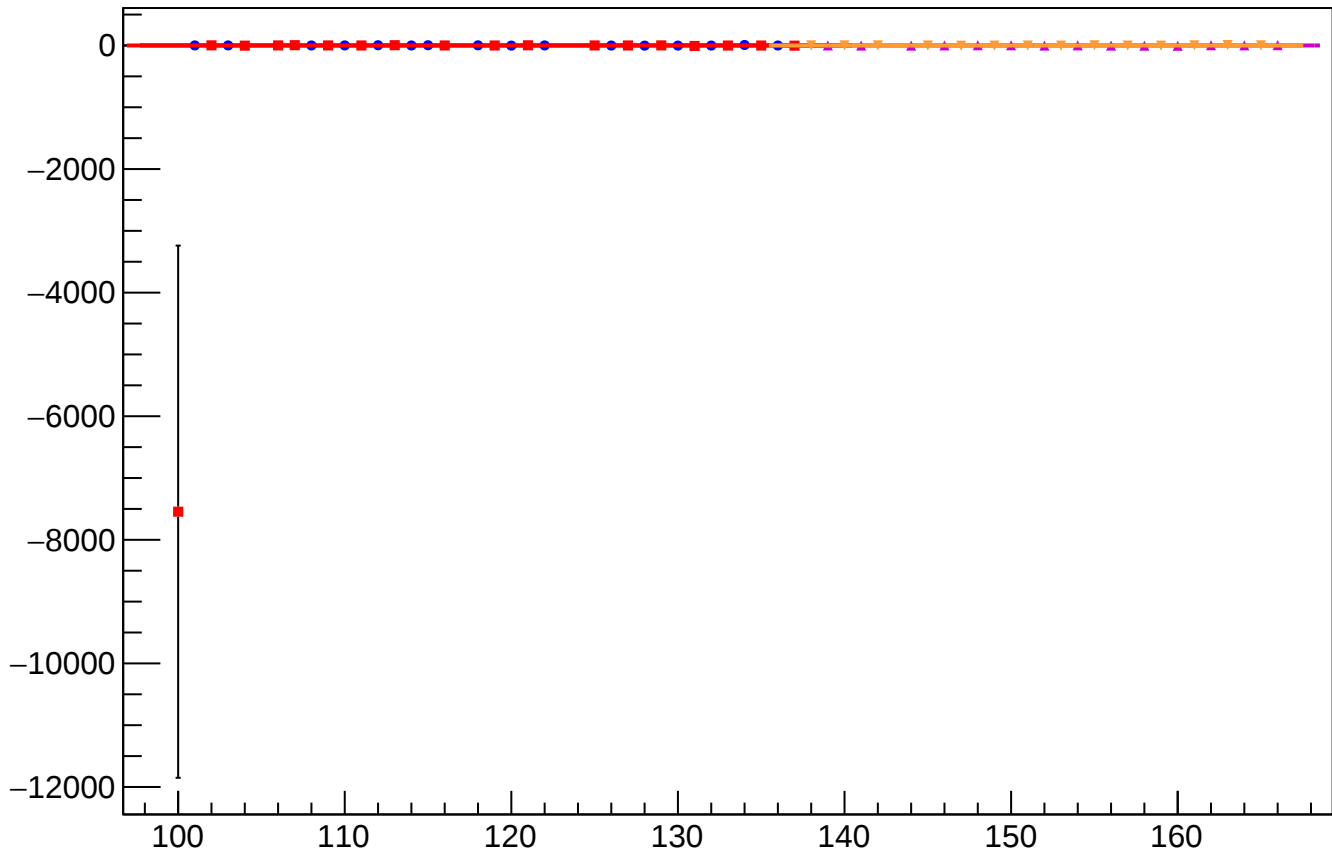
Left In: 105.940 $\pm$ 0.023 χ^2 /NDF: 575306.3/13

+ sign 100.893 $\pm$ 0.017 χ^2 /NDF: 882828.1/29

All: 101.315 $\pm$ 0.012 χ^2 /NDF: 1744592.3/61

- sign 101.727 $\pm$ 0.017 χ^2 /NDF: 860608.9/31

asym_dsl_correction_mean vs Slug



Right In: 0.426 $\pm$ 0.616 χ^2 /NDF: 9.7/15

Left Out: -0.388 $\pm$ 0.578 χ^2 /NDF: 19.3/13

Right Out: 0.313 $\pm$ 0.643 χ^2 /NDF: 22.8/17

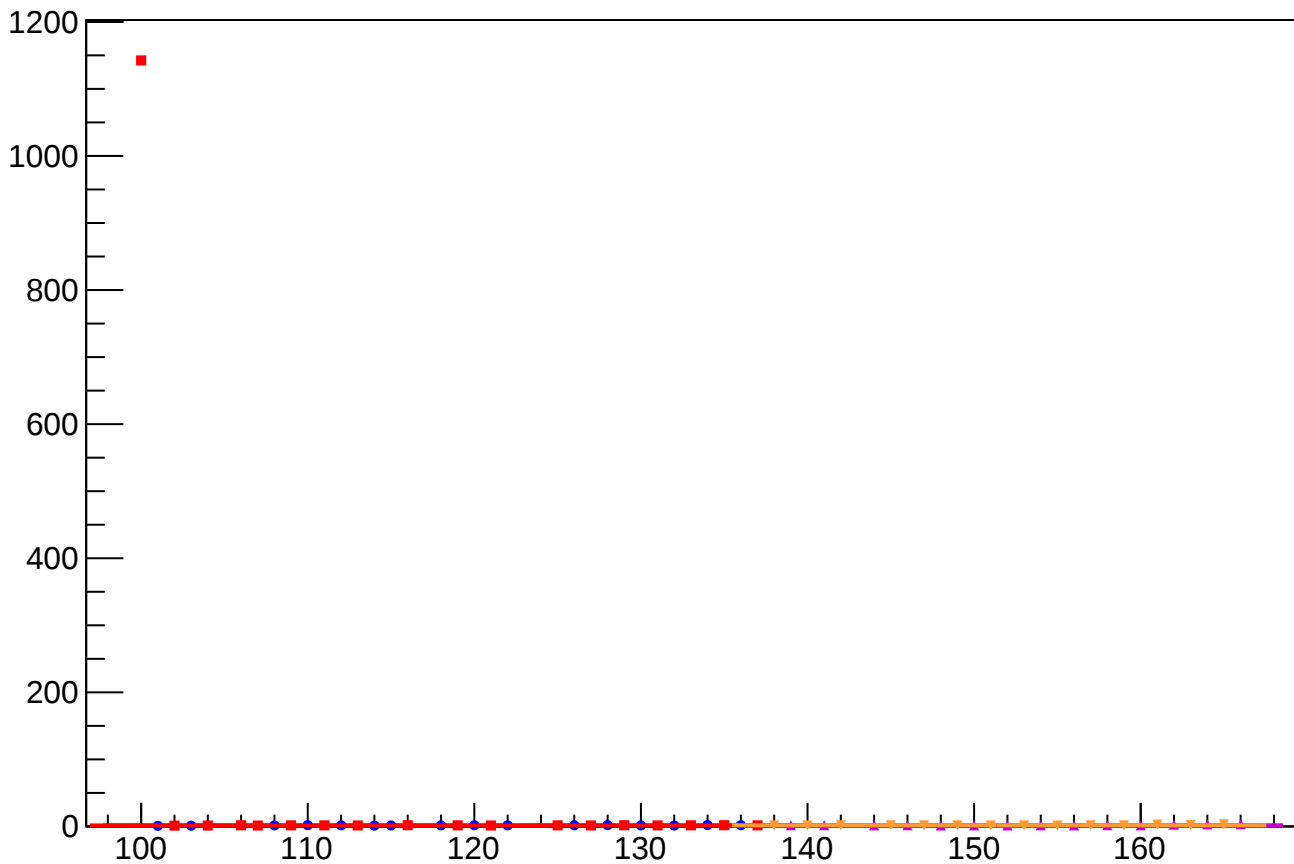
Left In: 0.093 $\pm$ 0.592 χ^2 /NDF: 20.9/13

+ sign -0.006 $\pm$ 0.422 χ^2 /NDF: 29.9/29

All: 0.090 $\pm$ 0.303 χ^2 /NDF: 73.8/61

- sign 0.194 $\pm$ 0.435 χ^2 /NDF: 43.8/31

asym_dsl_correction_rms vs Slug



Right In: 1.420 $\pm$ 0.000 χ^2 /NDF: 730935.2/15

Left Out: 1.678 $\pm$ 0.000 χ^2 /NDF: 536672.5/13

Right Out: 1.556 $\pm$ 0.000 χ^2 /NDF: 315908.9/17

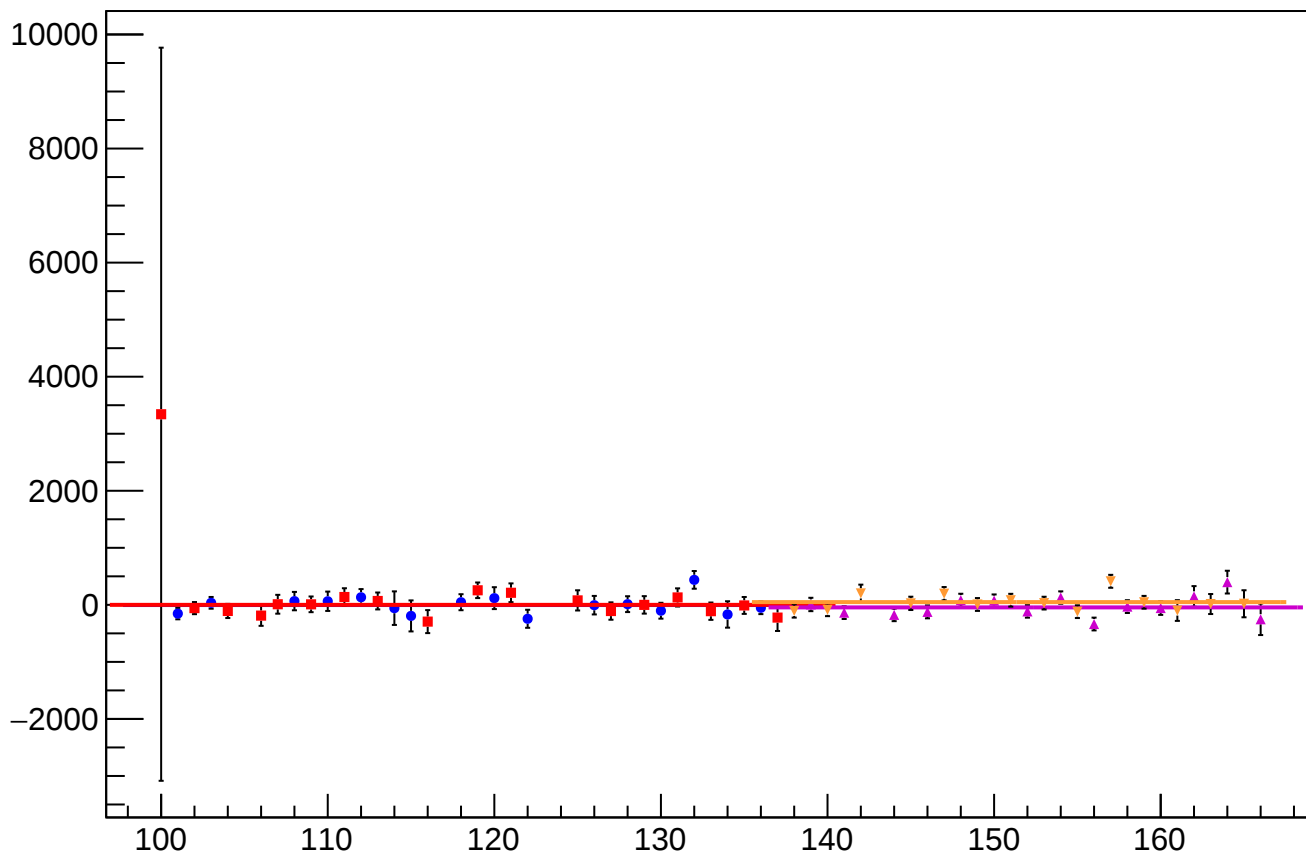
Left In: 1.780 $\pm$ 0.000 χ^2 /NDF: 690957.3/13

+ sign 1.557 $\pm$ 0.000 χ^2 /NDF: 1454545.3/29

All: 1.615 $\pm$ 0.000 χ^2 /NDF: 2672710.1/61

- sign 1.677 $\pm$ 0.000 χ^2 /NDF: 1139190.7/31

asym_dsl_mean vs Slug



Right In: -3.099 ± 36.723 χ^2/NDF : 16.3/15

Left Out: 48.160 ± 33.355 χ^2/NDF : 19.3/13

Right Out: -0.172 ± 36.709 χ^2/NDF : 13.5/17

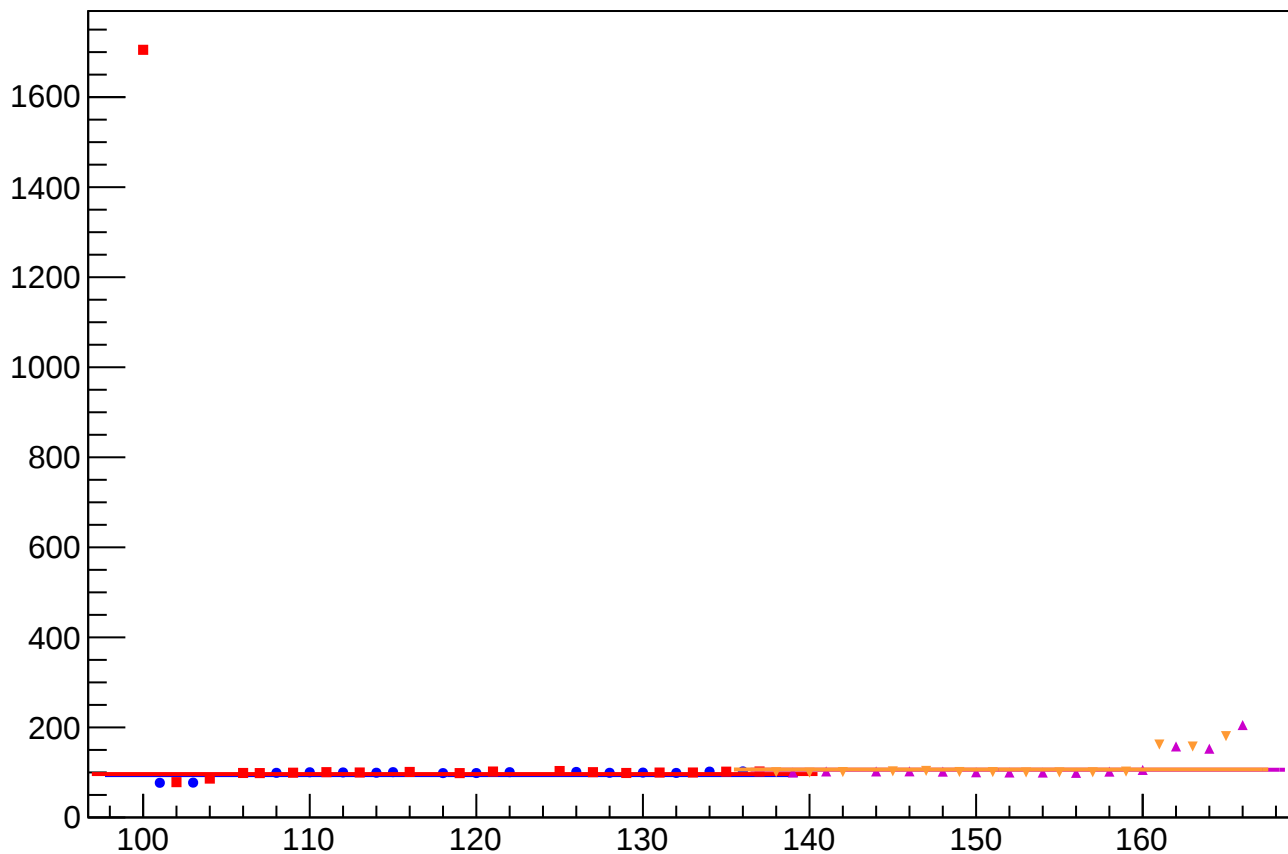
Left In: -44.747 ± 32.563 χ^2/NDF : 21.6/13

+ sign 24.989 ± 24.691 χ^2/NDF : 36.7/29

All: -0.403 ± 17.341 χ^2/NDF : 74.7/61

- sign -25.118 ± 24.360 χ^2/NDF : 36.0/31

asym_dsl_rms vs Slug



Right In: 94.093 $\pm$ 0.026 χ^2 /NDF: 152305.3/15

Left Out: 106.552 $\pm$ 0.024 χ^2 /NDF: 604807.1/13

Right Out: 96.381 $\pm$ 0.026 χ^2 /NDF: 214362.3/17

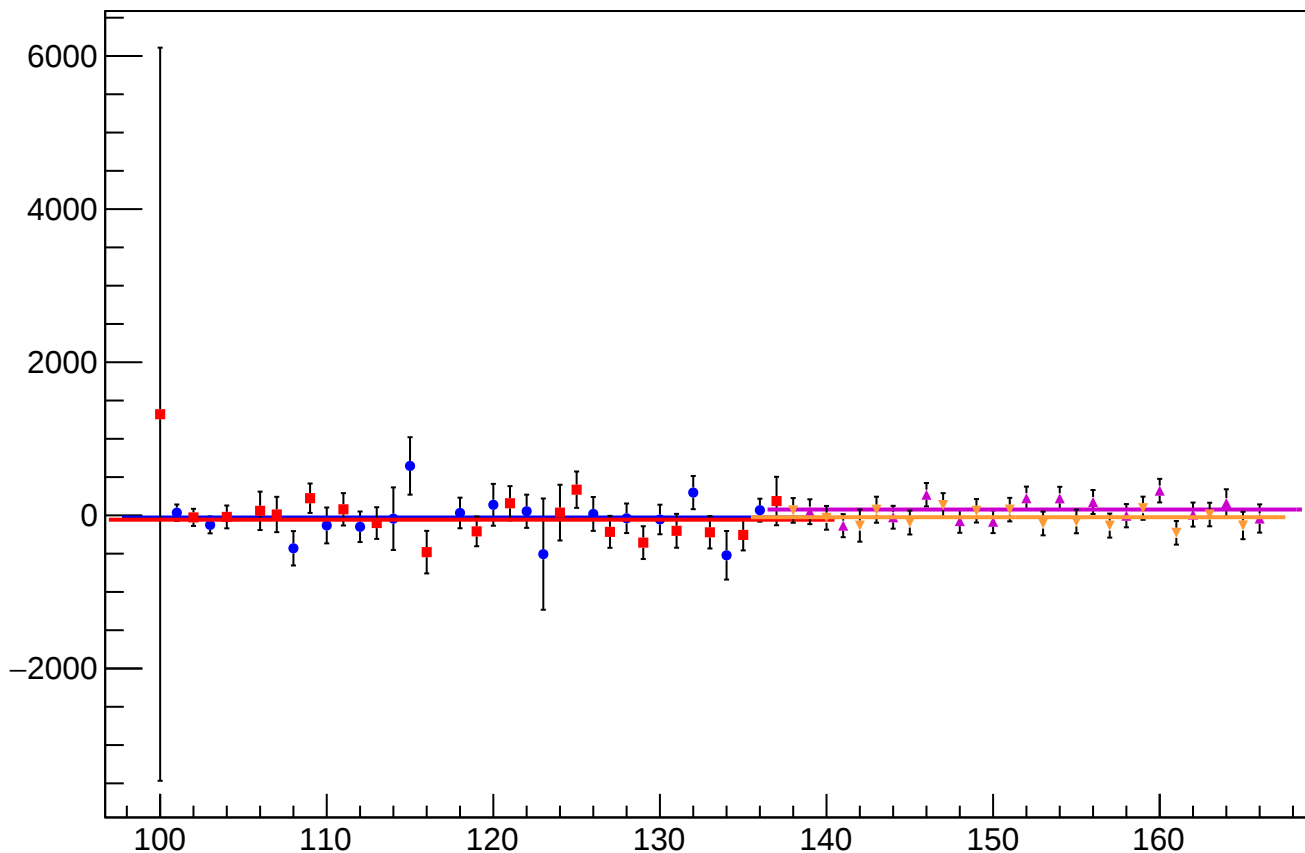
Left In: 105.969 $\pm$ 0.023 χ^2 /NDF: 575406.3/13

+ sign 100.920 $\pm$ 0.017 χ^2 /NDF: 883255.4/29

All: 101.339 $\pm$ 0.012 χ^2 /NDF: 1750517.2/61

- sign 101.747 $\pm$ 0.017 χ^2 /NDF: 866124.8/31

reg_asym_dsr_mean vs Slug



Right In: -27.840 ± 46.777 χ^2/NDF : 14.3/16

Left Out: -24.009 ± 41.258 χ^2/NDF : 6.5/14

Right Out: -56.398 ± 47.708 χ^2/NDF : 14.9/18

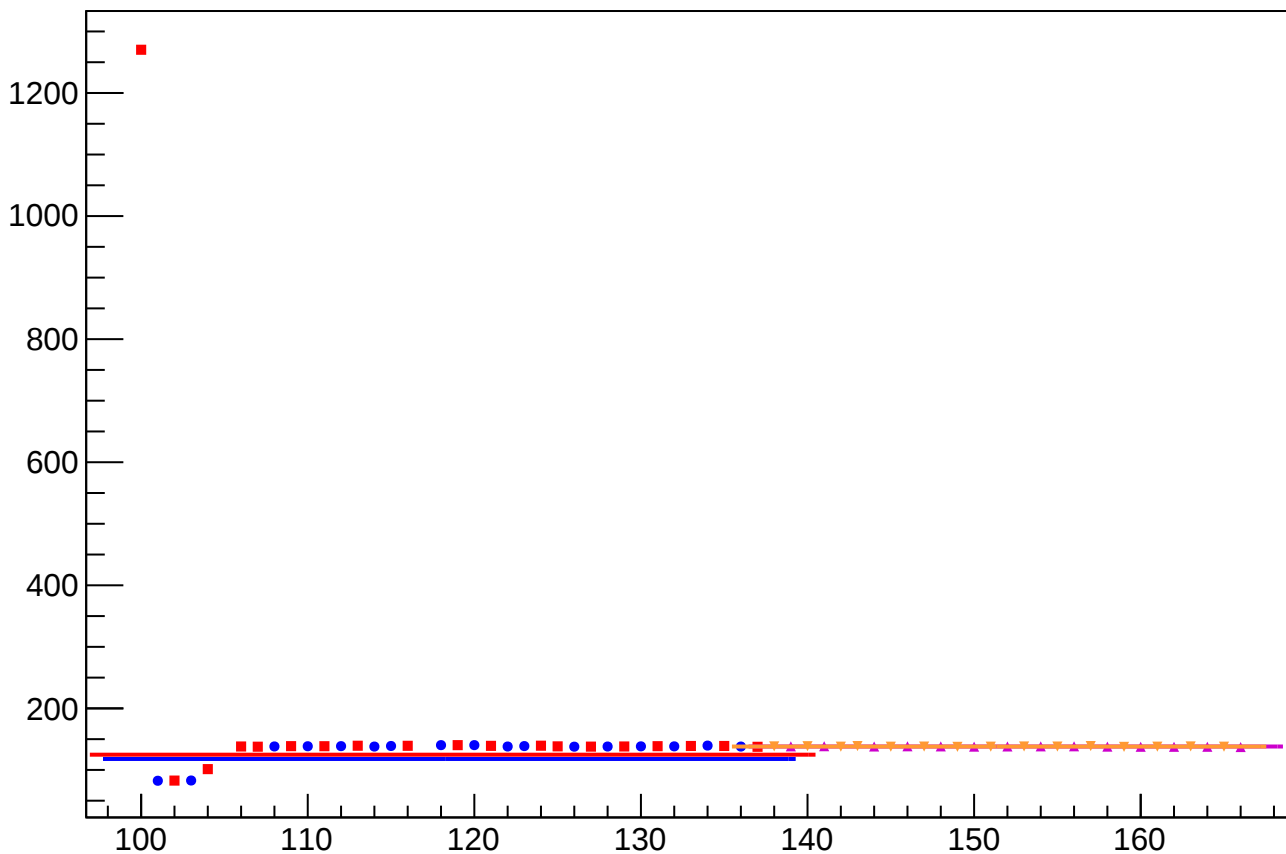
Left In: 76.404 ± 41.797 χ^2/NDF : 12.1/13

+ sign -25.685 ± 30.942 χ^2/NDF : 20.8/31

All: -3.828 ± 22.053 χ^2/NDF : 53.2/64

- sign 18.736 ± 31.438 χ^2/NDF : 31.4/32

reg_asym_dsr_rms vs Slug



Right In: 117.815 $\pm$ 0.033 χ^2 /NDF: 666581.7/16

Left Out: 138.018 $\pm$ 0.029 χ^2 /NDF:177.2/14

Right Out: 124.763 $\pm$ 0.034 χ^2 /NDF: 569771.6/18

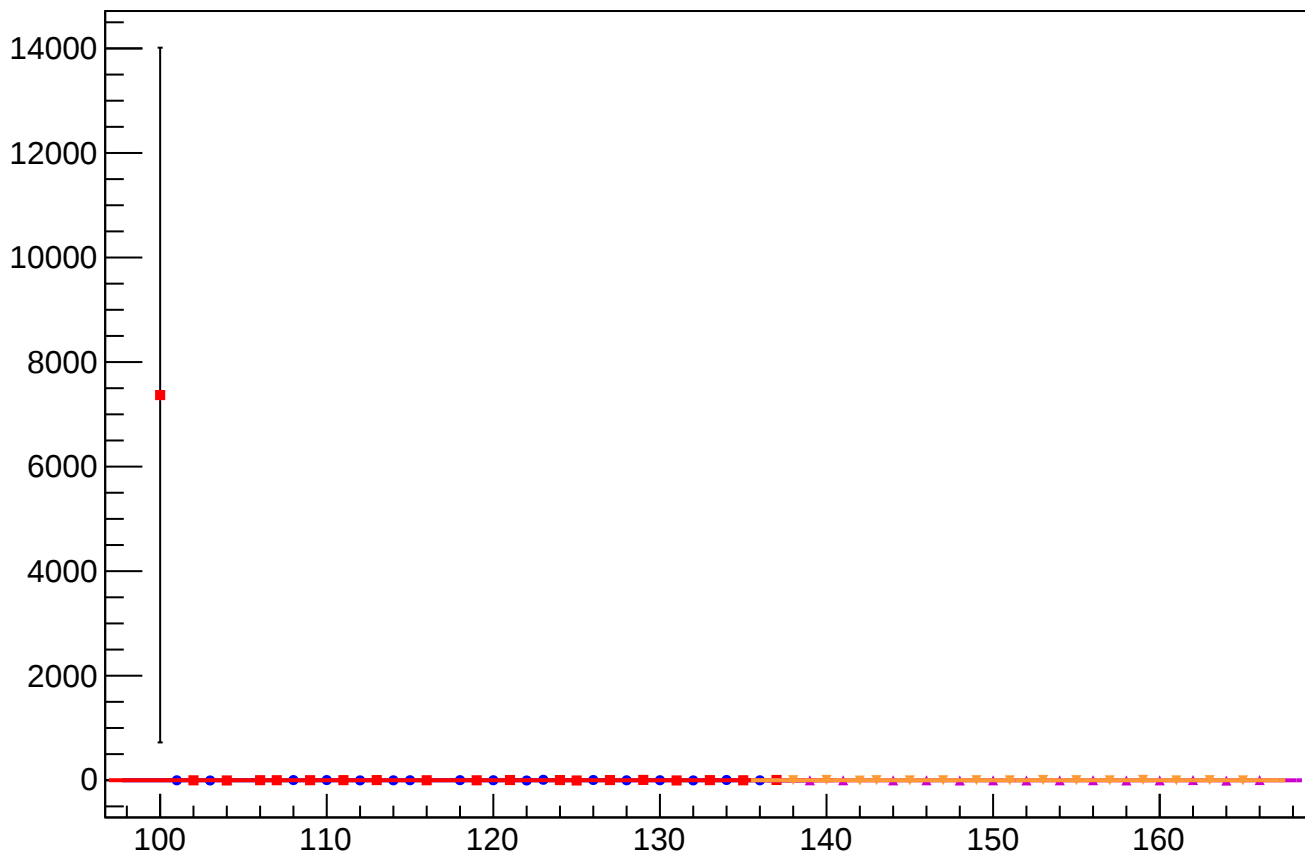
Left In: 138.054 $\pm$ 0.030 χ^2 /NDF:149.2/13

+ sign 129.178 $\pm$ 0.022 χ^2 /NDF: 876593.3/31

All: 130.706 $\pm$ 0.016 χ^2 /NDF: 1544234.4/64

- sign 132.283 $\pm$ 0.022 χ^2 /NDF: 657732.7/32

asym_dsr_correction_mean vs Slug



Right In: -0.695 ± 0.810 χ^2/NDF : 12.7/16

Left Out: 0.437 ± 0.711 χ^2/NDF : 20.4/14

Right Out: 0.649 ± 0.851 χ^2/NDF : 13.7/18

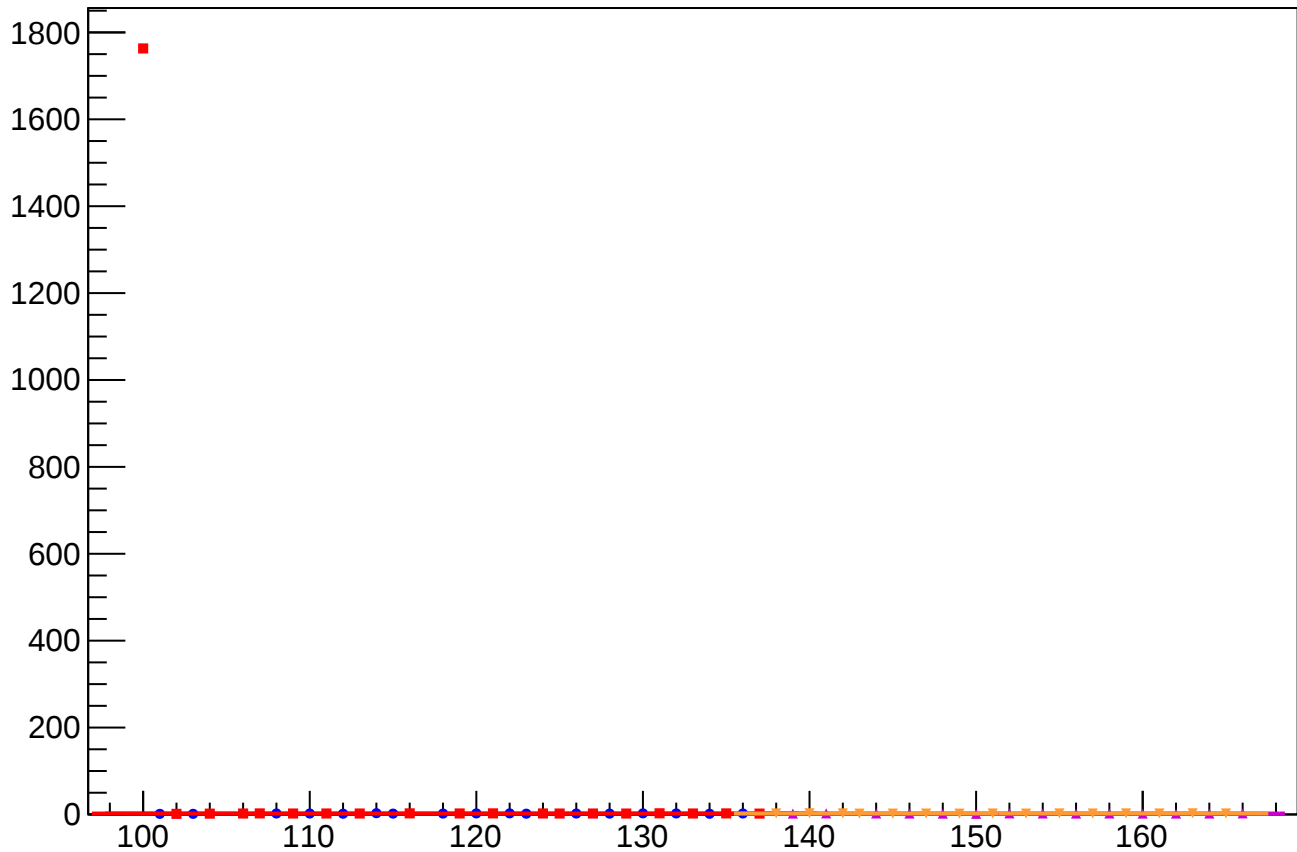
Left In: -1.000 ± 0.710 χ^2/NDF : 12.4/13

+ sign -0.056 ± 0.534 χ^2/NDF : 34.1/31

All: -0.187 ± 0.382 χ^2/NDF : 62.5/64

- sign -0.324 ± 0.545 χ^2/NDF : 28.3/32

asym_dsr_correction_rms vs Slug



Right In: 1.869 $\pm$ 0.001 χ^2 /NDF: 493173.6/16

Left Out: 2.183 $\pm$ 0.001 χ^2 /NDF: 212837.5/14

Right Out: 2.065 $\pm$ 0.001 χ^2 /NDF: 525497.0/18

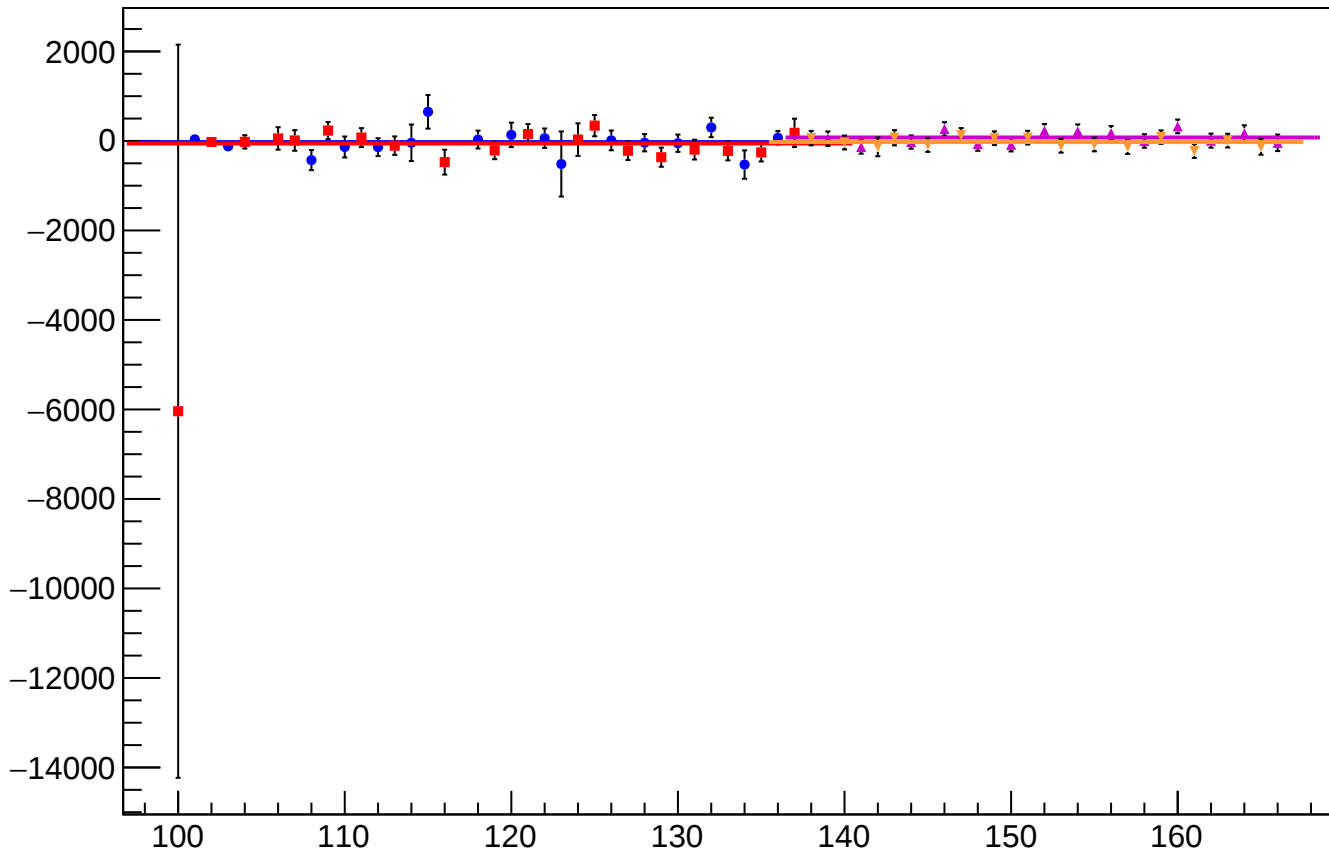
Left In: 2.102 $\pm$ 0.001 χ^2 /NDF: 298334.2/13

+ sign 2.046 $\pm$ 0.000 χ^2 /NDF: 875199.4/31

All: 2.066 $\pm$ 0.000 χ^2 /NDF: 1706808.3/64

- sign 2.087 $\pm$ 0.000 χ^2 /NDF: 826001.4/32

asym_dsr_mean vs Slug



Right In: -26.258 ± 46.789 χ^2/NDF : 14.4/16

Left Out: -25.057 ± 41.269 χ^2/NDF : 6.3/14

Right Out: -57.268 ± 47.722 χ^2/NDF : 15.5/18

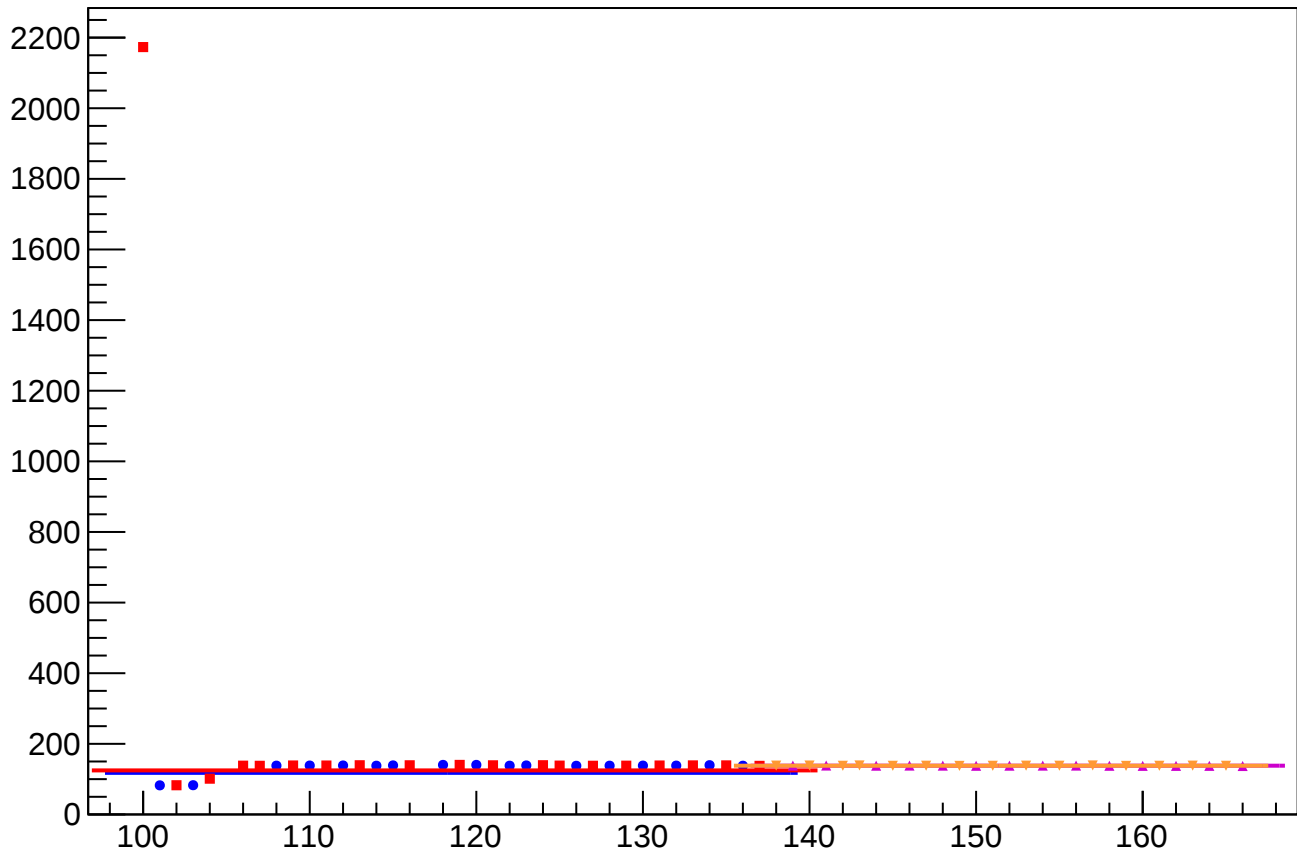
Left In: 77.086 ± 41.808 χ^2/NDF : 12.1/13

+ sign -25.583 ± 30.950 χ^2/NDF : 20.6/31

All: -3.771 ± 22.059 χ^2/NDF : 53.8/64

- sign 18.746 ± 31.447 χ^2/NDF : 32.1/32

asym_dsr_rms vs Slug



Right In: 117.847 $\pm$ 0.033 χ^2 /NDF: 666622.8/16

Left Out: 138.054 $\pm$ 0.029 χ^2 /NDF: 176.9/14

Right Out: 124.752 $\pm$ 0.034 χ^2 /NDF: 580350.4/18

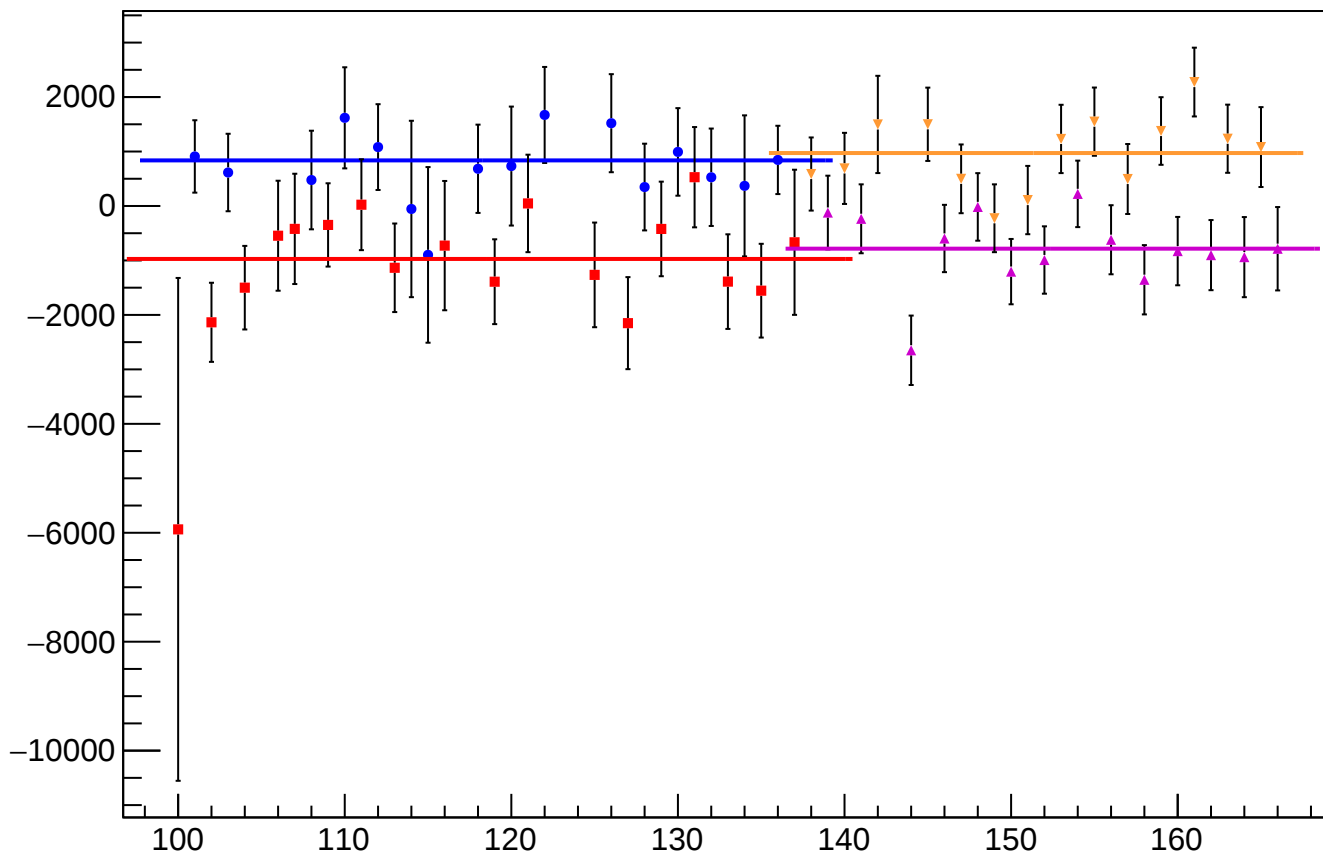
Left In: 138.092 $\pm$ 0.030 χ^2 /NDF: 147.7/13

+ sign 129.212 $\pm$ 0.022 χ^2 /NDF: 876612.6/31

All: 130.731 $\pm$ 0.016 χ^2 /NDF: 1555309.1/64

- sign 132.299 $\pm$ 0.022 χ^2 /NDF: 668905.4/32

reg_asym_left_avg_mean vs Slug



Right In: 837.048 ± 216.181 χ^2/NDF : 4.7/15

Left Out: 972.213 ± 174.893 χ^2/NDF : 14.1/13

Right Out: -972.425 ± 212.746 χ^2/NDF : 14.3/17

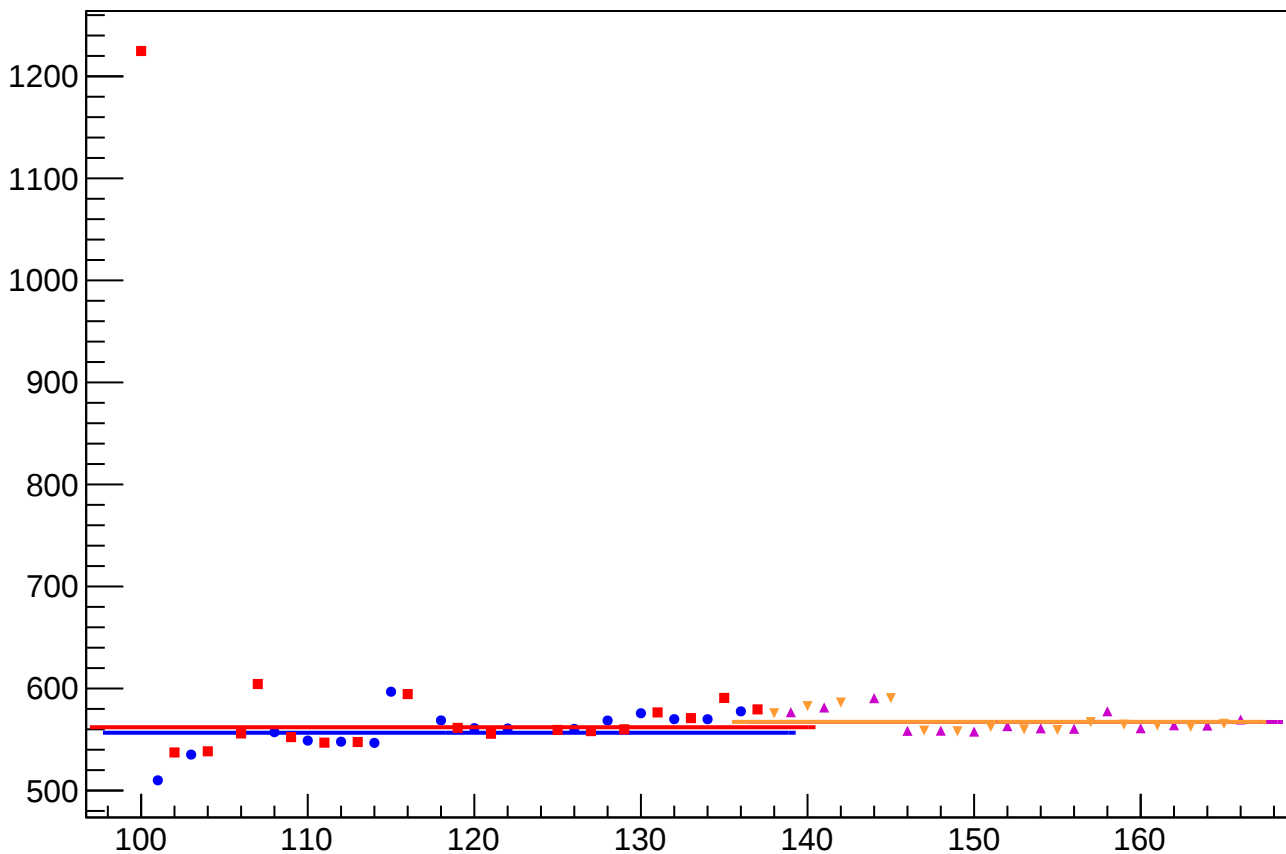
Left In: -783.659 ± 171.735 χ^2/NDF : 16.2/13

+ sign 918.743 ± 135.969 χ^2/NDF : 19.0/29

All: 14.892 ± 95.307 χ^2/NDF : 136.8/61

- sign -858.133 ± 133.630 χ^2/NDF : 30.9/31

reg_asym_left_avg_rms vs Slug



Right In: 556.637+/-0.153 χ^2/NDF : 18391.7/15

Left Out: 567.304+/-0.124 χ^2/NDF : 6484.4/13

Right Out: 562.048+/-0.150 χ^2/NDF : 55575.3/17

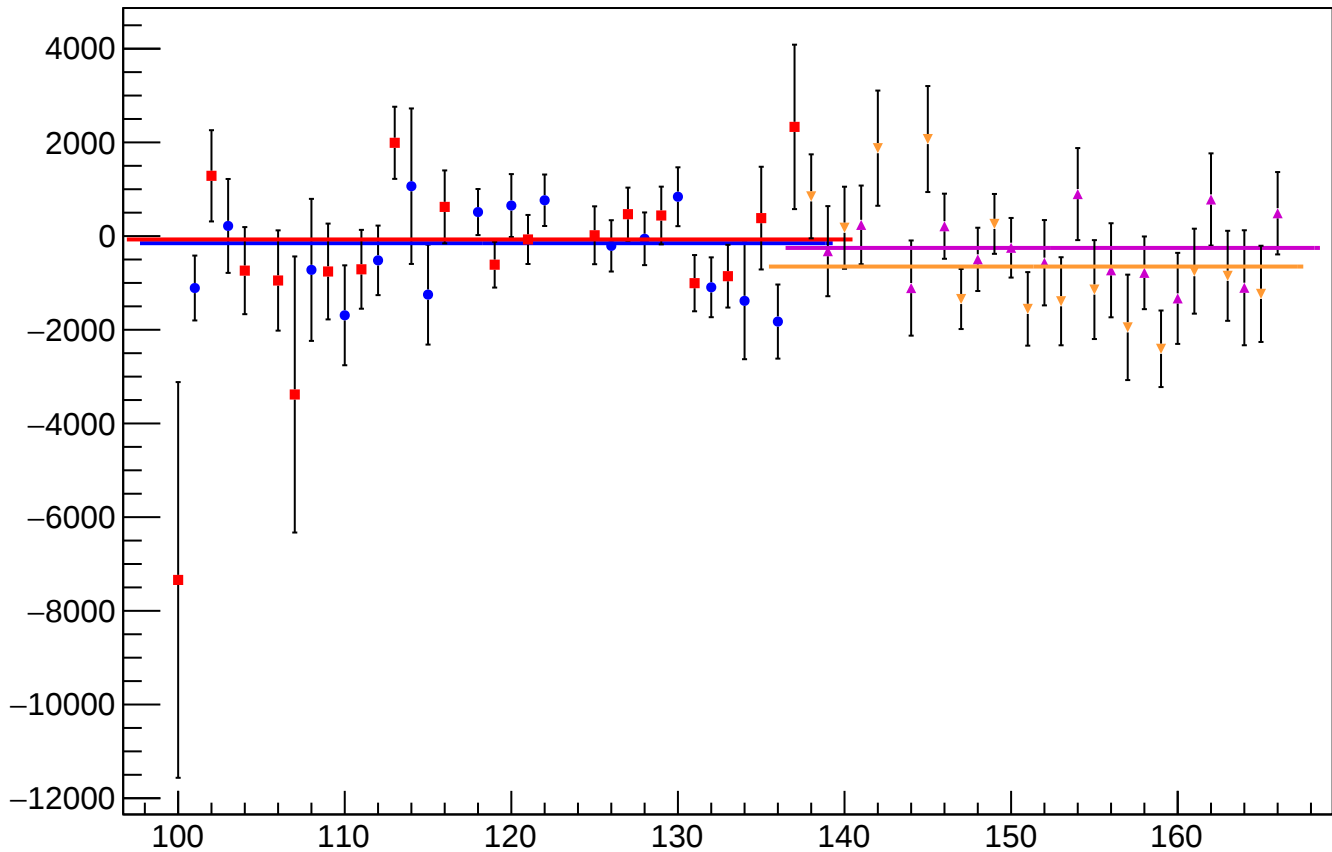
Left In: 567.184+/-0.121 χ^2/NDF : 6729.6/13

+ sign 563.085+/-0.096 χ^2/NDF : 27819.3/29

All: 564.139+/-0.067 χ^2/NDF : 91066.4/61

- sign 565.158+/-0.094 χ^2/NDF : 63010.6/31

asym_left_avg_correction_mean vs Slug



Right In: -151.876 ± 180.078 χ^2/NDF : 22.3/15

Left Out: -650.491 ± 235.331 χ^2/NDF : 25.4/13

Right Out: -71.760 ± 178.665 χ^2/NDF : 25.0/17

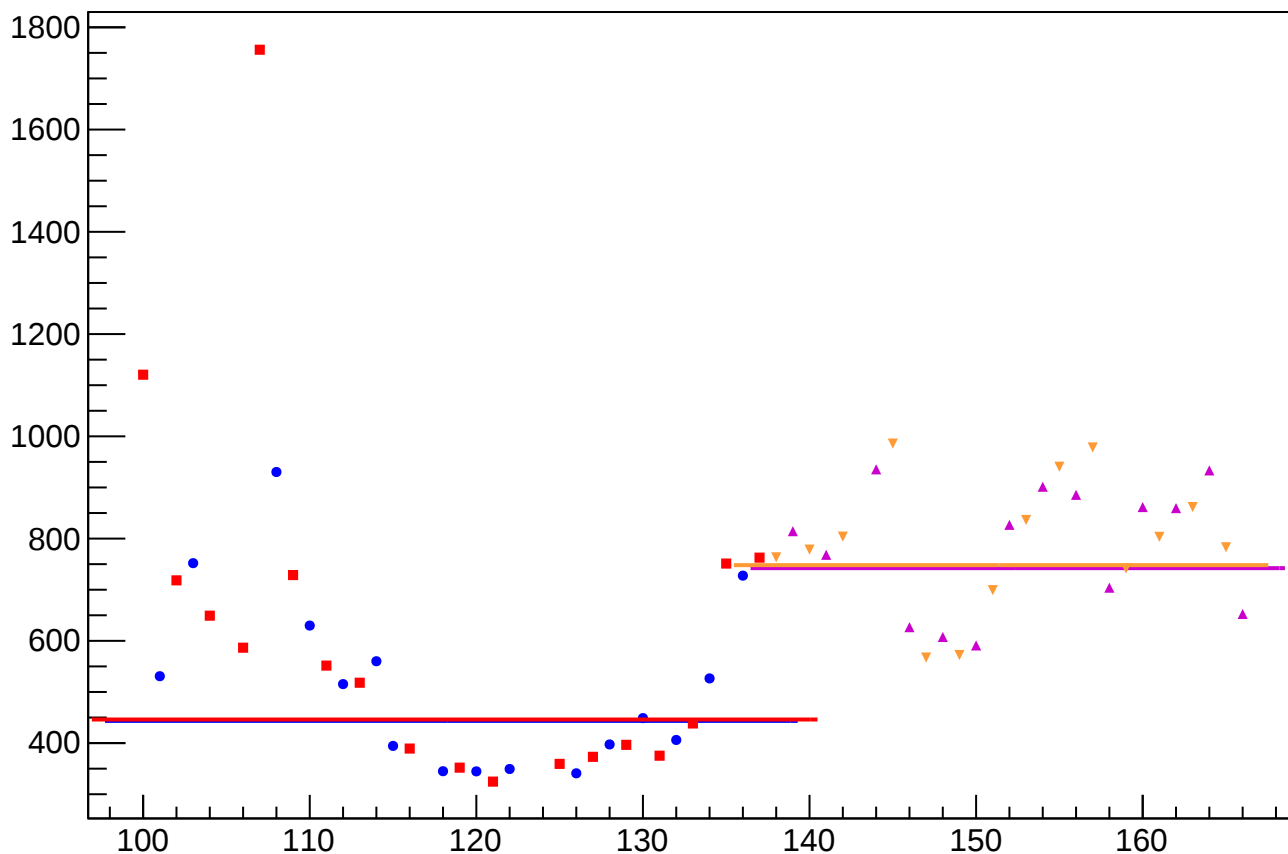
Left In: -252.821 ± 228.565 χ^2/NDF : 7.3/13

+ sign -336.017 ± 143.011 χ^2/NDF : 50.5/29

All: -236.675 ± 100.320 χ^2/NDF : 84.2/61

- sign -140.433 ± 140.763 χ^2/NDF : 32.7/31

asym_left_avg_correction_rms vs Slug



Right In: 443.451 $\pm$ 0.127 χ^2 /NDF: 1060940.9/15

Left Out: 748.063 $\pm$ 0.166 χ^2 /NDF: 619023.9/13

Right Out: 446.147 $\pm$ 0.126 χ^2 /NDF: 1459986.4/17

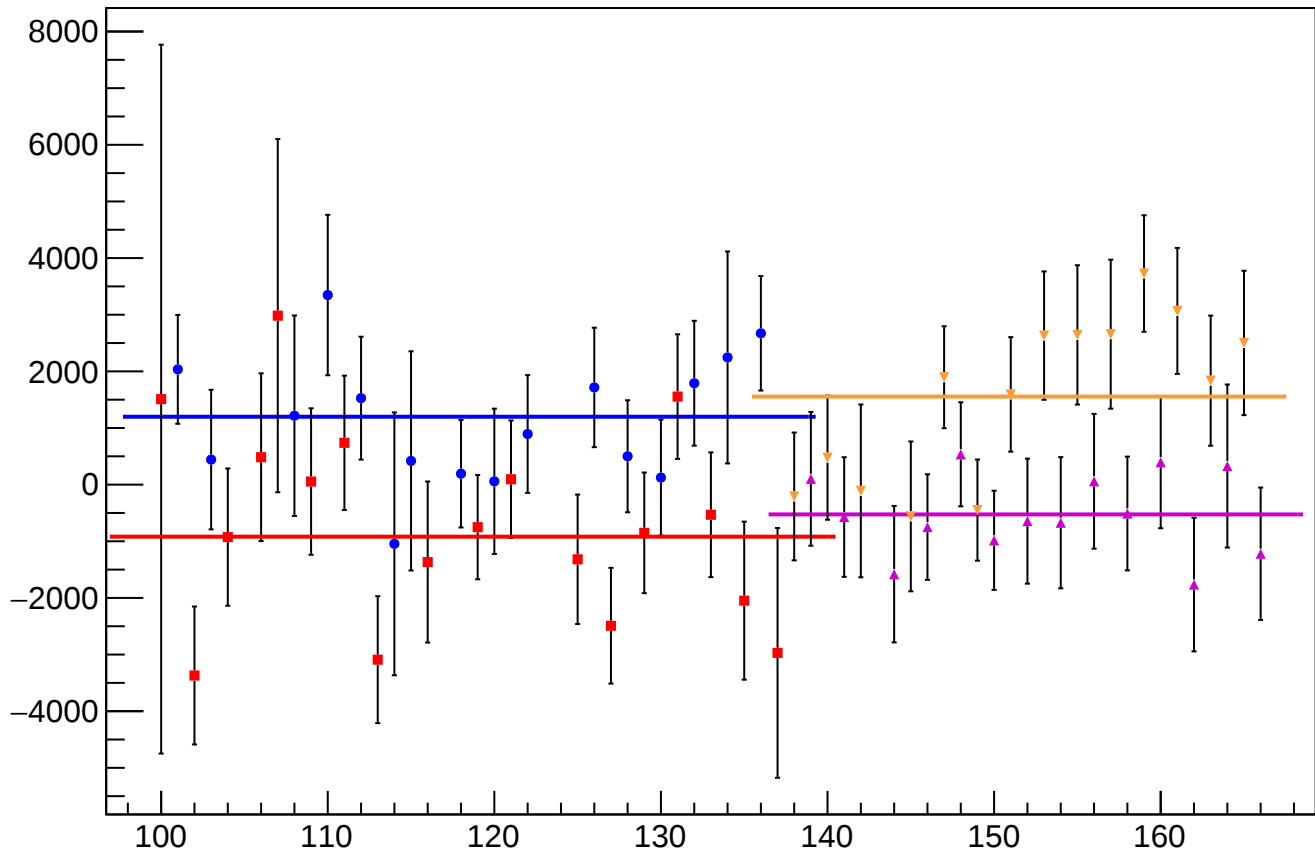
Left In: 742.196 $\pm$ 0.162 χ^2 /NDF: 576516.4/13

+ sign 555.946 $\pm$ 0.101 χ^2 /NDF: 3793396.6/29

All: 557.208 $\pm$ 0.071 χ^2 /NDF: 7912937.6/61

- sign 558.432 $\pm$ 0.100 χ^2 /NDF: 4119234.0/31

asym_left_avg_mean vs Slug



Right In: 1198.972 $\pm$ 295.243 χ^2/NDF : 11.2/15

Left Out: -918.412 $\pm$ 293.294 χ^2/NDF : 23.2/17

Right Out: -525.711 $\pm$ 290.168 χ^2/NDF : 5.4/13

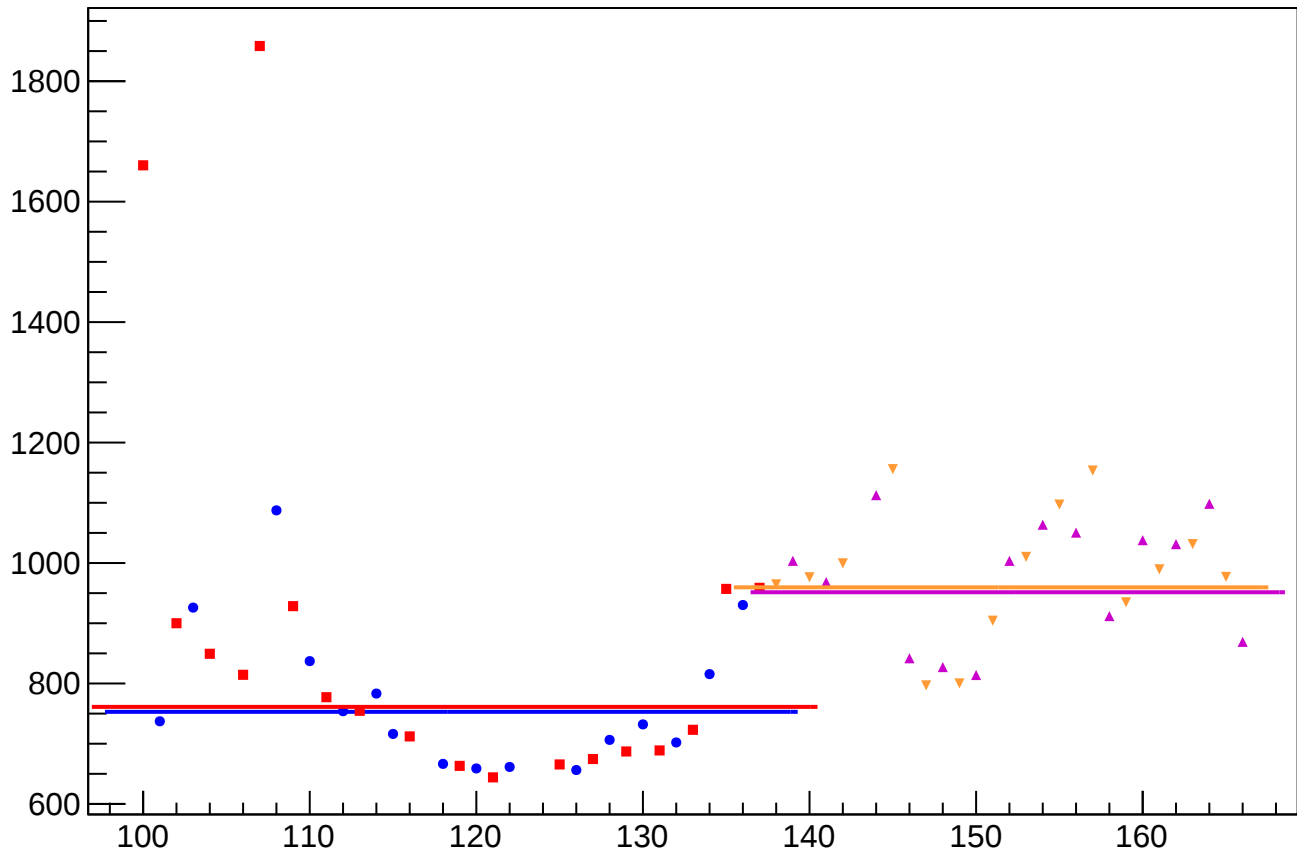
Left In: -918.412 $\pm$ 293.294 χ^2/NDF : 23.2/17

+ sign 1375.256 $\pm$ 209.877 χ^2/NDF : 33.6/29

All: 309.519 $\pm$ 147.116 χ^2/NDF : 113.8/61

- sign -719.957 $\pm$ 206.276 χ^2/NDF : 29.5/31

asym_left_avg_rms vs Slug



Right In: 752.937 $\pm$ 0.209 χ^2 /NDF: 252526.4/15

Left Out: 959.657 $\pm$ 0.211 χ^2 /NDF: 264333.3/13

Right Out: 761.160 $\pm$ 0.207 χ^2 /NDF: 517136.7/17

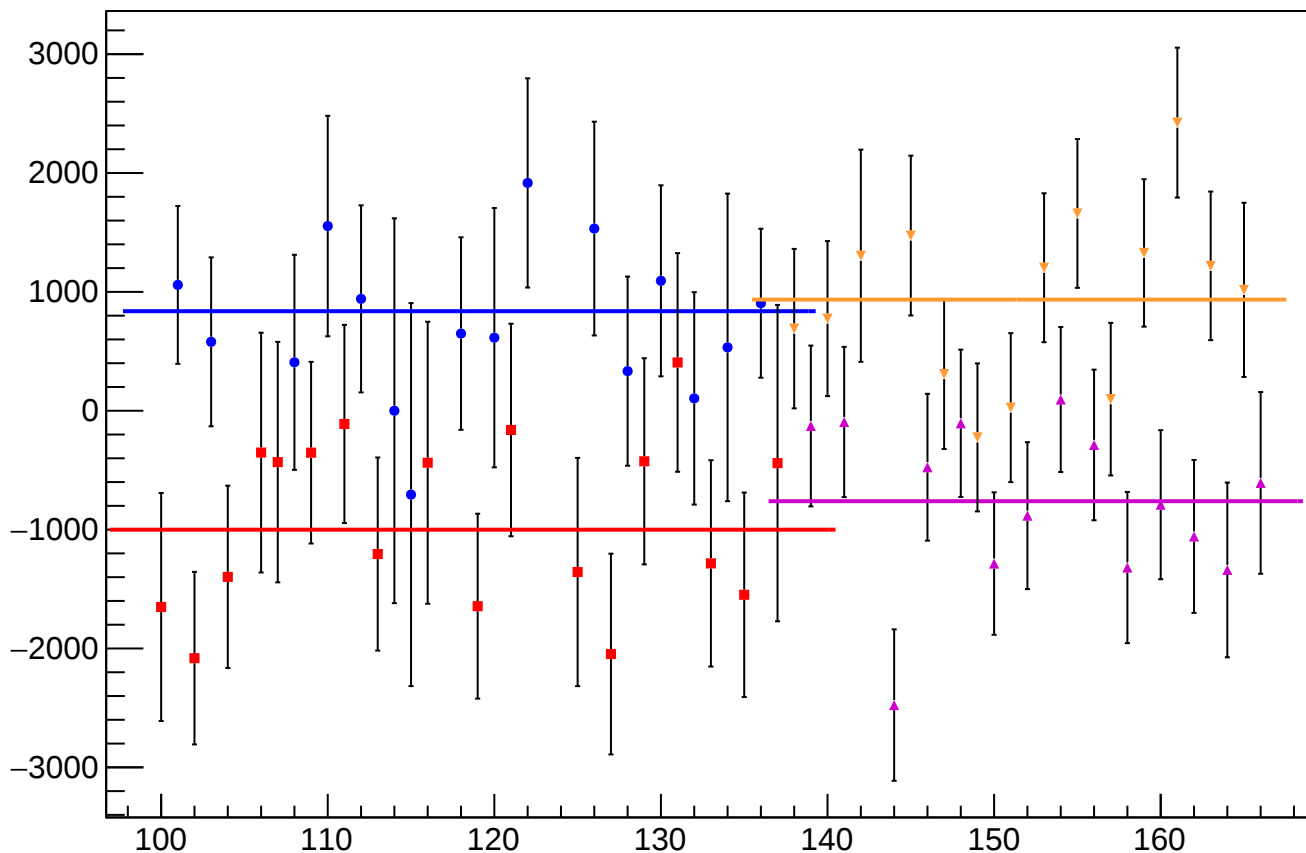
Left In: 951.467 $\pm$ 0.205 χ^2 /NDF: 244838.7/13

+ sign 855.196 $\pm$ 0.148 χ^2 /NDF: 1001870.2/29

All: 856.283 $\pm$ 0.104 χ^2 /NDF: 2189482.8/61

- sign 857.333 $\pm$ 0.146 χ^2 /NDF: 1187507.0/31

reg_asym_left_dd_mean vs Slug



Right In: 837.557 ± 216.015 $\chi^2/\text{NDF}: 5.7/15$

Left Out: 935.231 ± 174.737 $\chi^2/\text{NDF}: 17.0/13$

Right Out: -1000.617 ± 207.748 $\chi^2/\text{NDF}: 12.5/17$

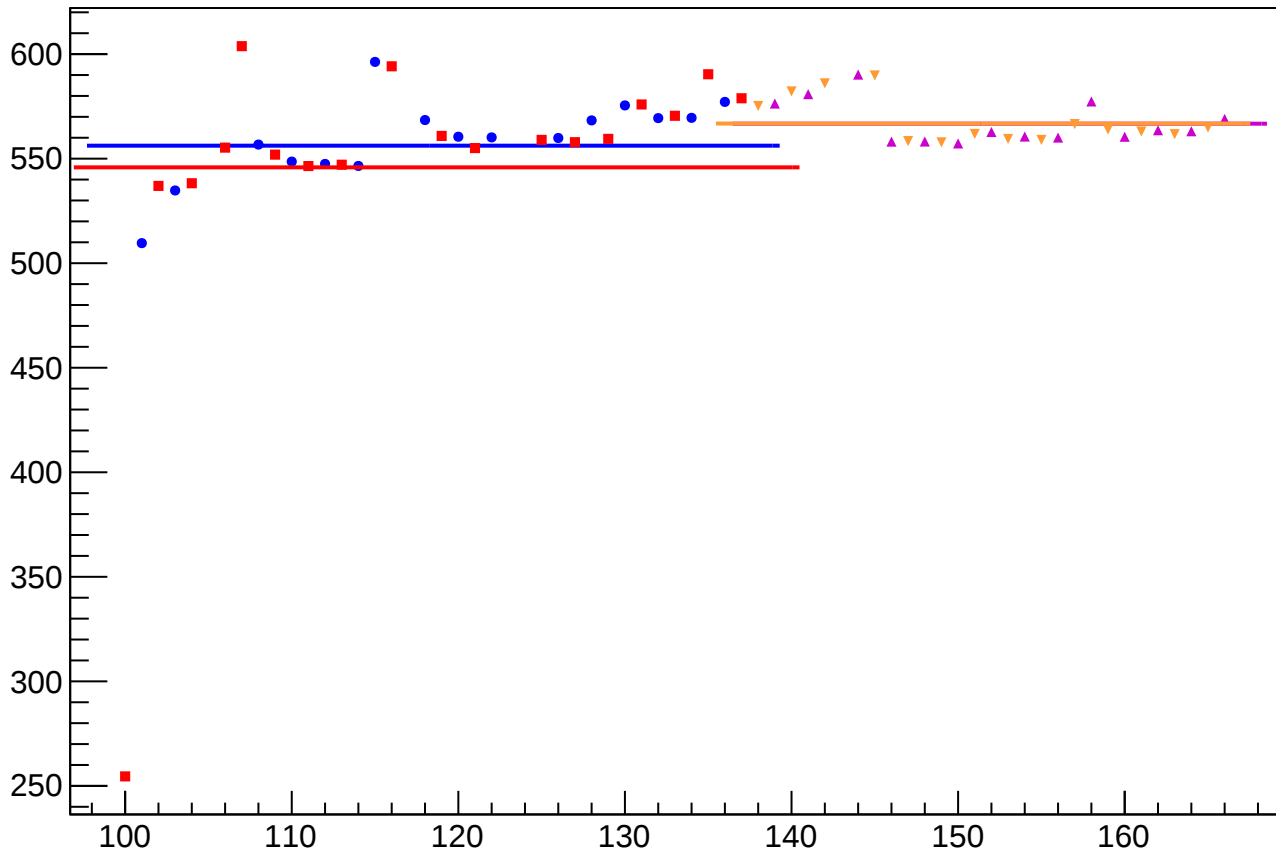
Left In: -760.938 ± 171.597 $\chi^2/\text{NDF}: 15.5/13$

+ sign 896.598 ± 135.854 $\chi^2/\text{NDF}: 22.8/29$

All: -4.018 ± 94.782 $\chi^2/\text{NDF}: 137.3/61$

- sign -858.142 ± 132.301 $\chi^2/\text{NDF}: 28.9/31$

reg_asym_left_dd_rms vs Slug



Right In: 556.210 $\pm$ 0.153 χ^2 /NDF: 18417.4/15

Left Out: 566.798 $\pm$ 0.124 χ^2 /NDF: 6441.3/13

Right Out: 545.844 $\pm$ 0.147 χ^2 /NDF: 207640.3/17

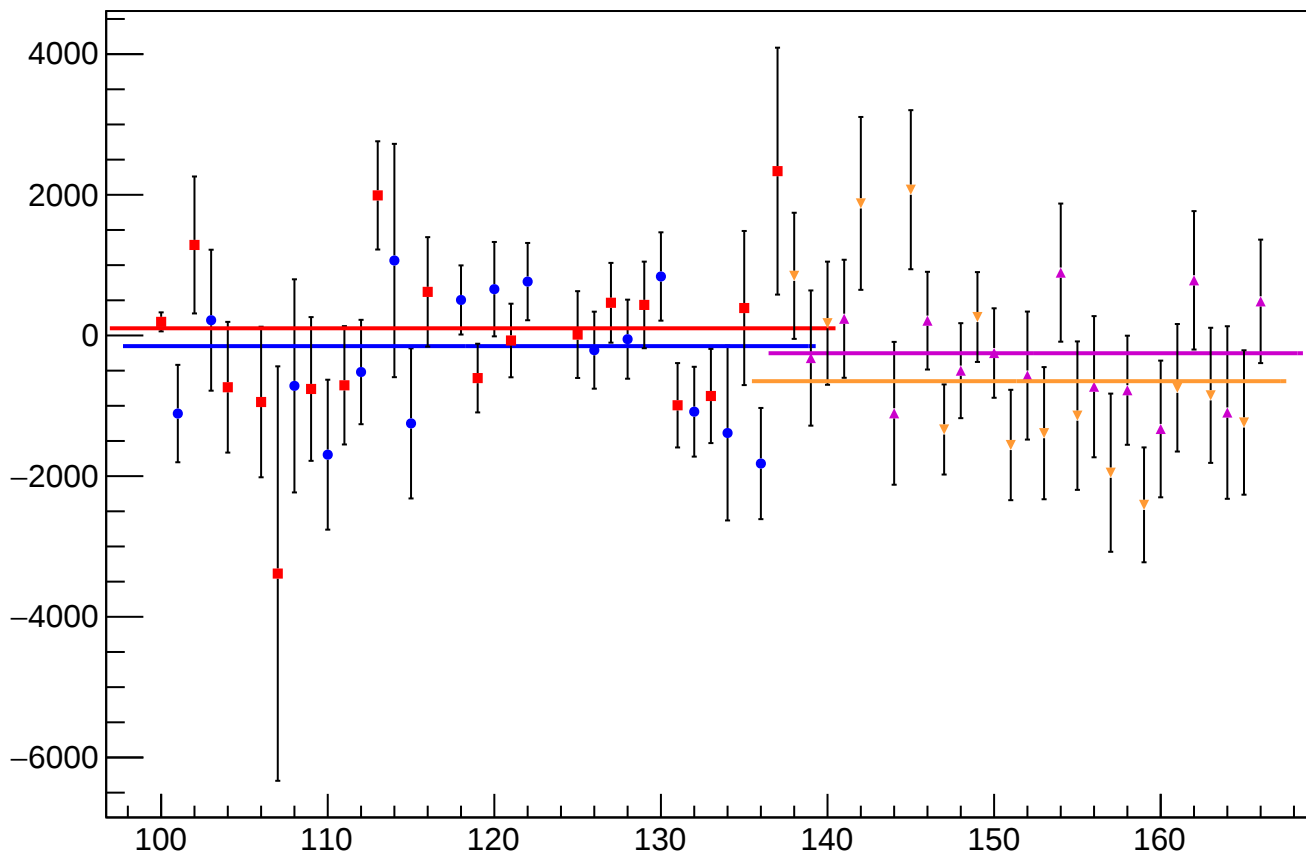
Left In: 566.728 $\pm$ 0.121 χ^2 /NDF: 6759.2/13

+ sign 562.610 $\pm$ 0.096 χ^2 /NDF: 27762.8/29

All: 560.377 $\pm$ 0.067 χ^2 /NDF: 255229.2/61

- sign 558.259 $\pm$ 0.094 χ^2 /NDF: 226413.3/31

asym_left_dd_correction_mean vs Slug



Right In: -151.459 ± 179.991 χ^2/NDF : 22.3/15

Left Out: -649.906 ± 235.225 χ^2/NDF : 25.4/13

Right Out: 102.079 ± 107.707 χ^2/NDF : 23.2/17

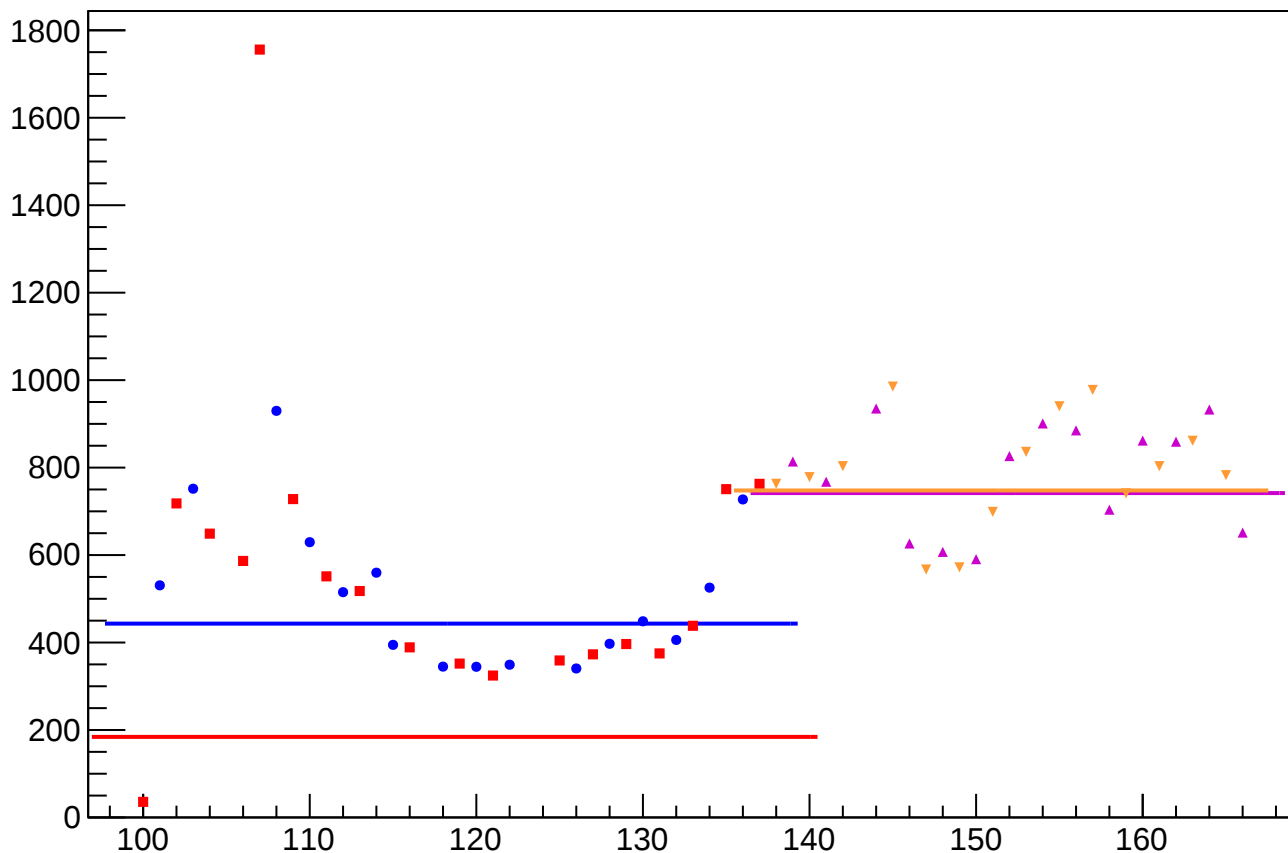
Left In: -252.472 ± 228.435 χ^2/NDF : 7.3/13

+ sign -335.529 ± 142.944 χ^2/NDF : 50.5/29

All: -80.748 ± 80.503 χ^2/NDF : 87.7/61

- sign 37.594 ± 97.421 χ^2/NDF : 32.5/31

asym_left_dd_correction_rms vs Slug



Right In: 443.240+/-0.127 χ^2/NDF : 1060784.8/15

Left Out: 747.730+/-0.166 χ^2/NDF : 619471.7/13

Right Out: 184.215+/-0.076 χ^2/NDF : 8079776.8/17

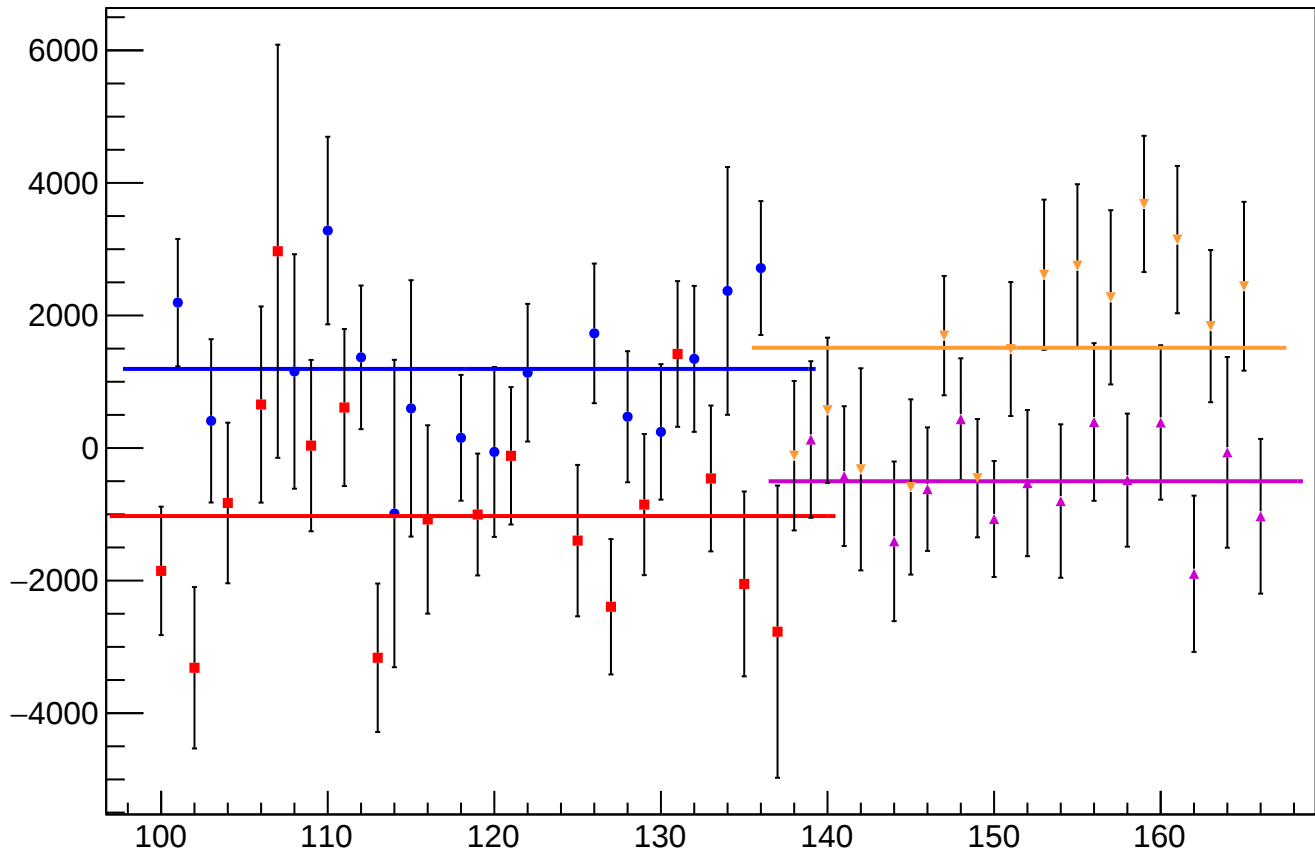
Left In: 741.761+/-0.162 χ^2/NDF : 577183.9/13

+ sign 555.684+/-0.101 χ^2/NDF : 3793938.0/29

All: 371.276+/-0.057 χ^2/NDF : 27072835.8/63

- sign 285.621+/-0.069 χ^2/NDF : 18404241.1/31

asym_left_dd_mean vs Slug



Right In: 1193.849 $\pm$ 295.046 χ^2 /NDF: 11.2/15

Left Out: 1512.393 $\pm$ 298.228 χ^2 /NDF:21.2/13

Right Out: -1026.130 $\pm$ 280.822 χ^2 /NDF: 22.5/17

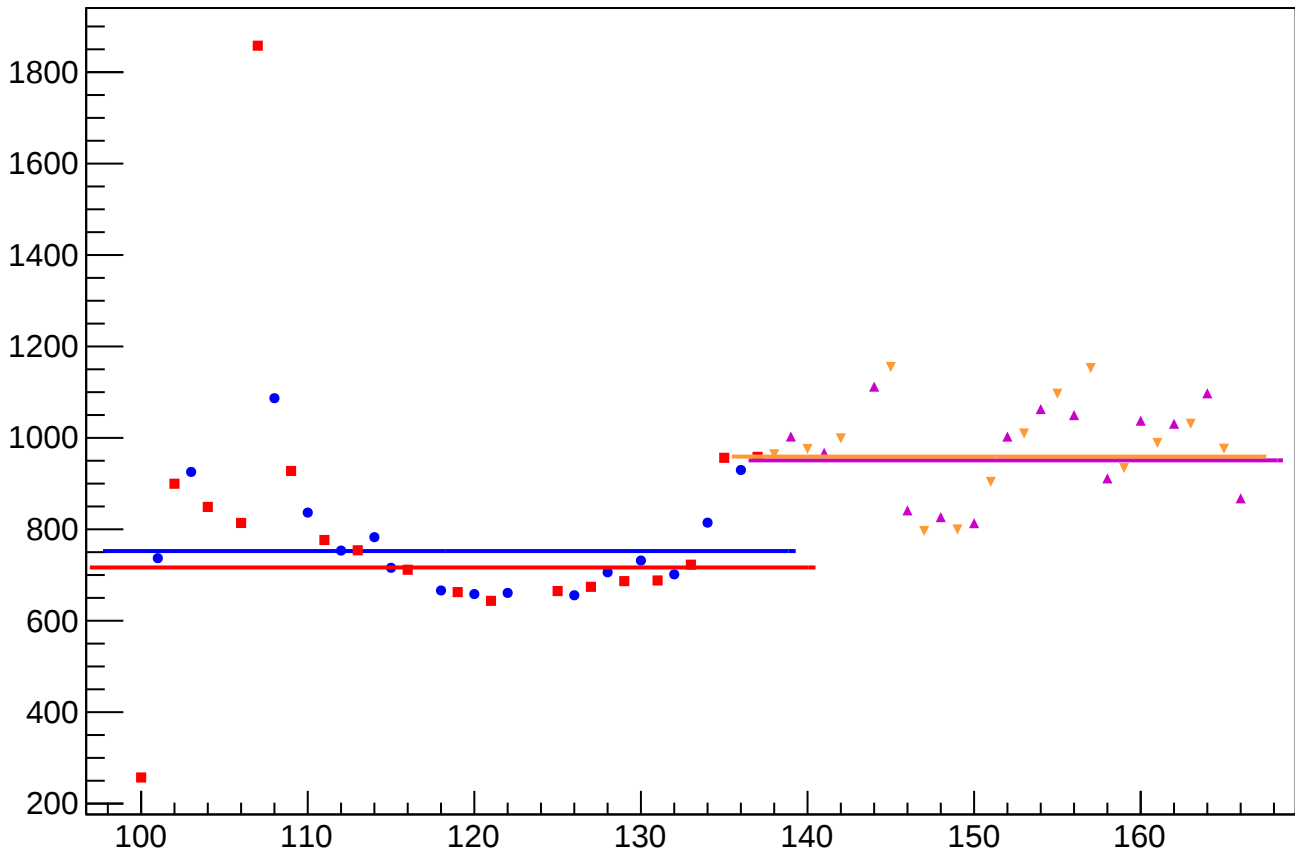
Left In: -500.843 $\pm$ 289.980 χ^2 /NDF:5.2/13

+ sign 1351.412 $\pm$ 209.745 χ^2 /NDF: 33.0/29

All: 248.411 $\pm$ 145.396 χ^2 /NDF: 115.7/61

- sign -771.912 $\pm$ 201.731 χ^2 /NDF: 29.5/31

asym_left_dd_rms vs Slug



Right In: 752.429+/-0.209 χ^2/NDF : 252705.1/15

Left Out: 959.092+/-0.211 χ^2/NDF : 264269.6/13

Right Out: 716.522+/-0.199 χ^2/NDF : 966934.7/17

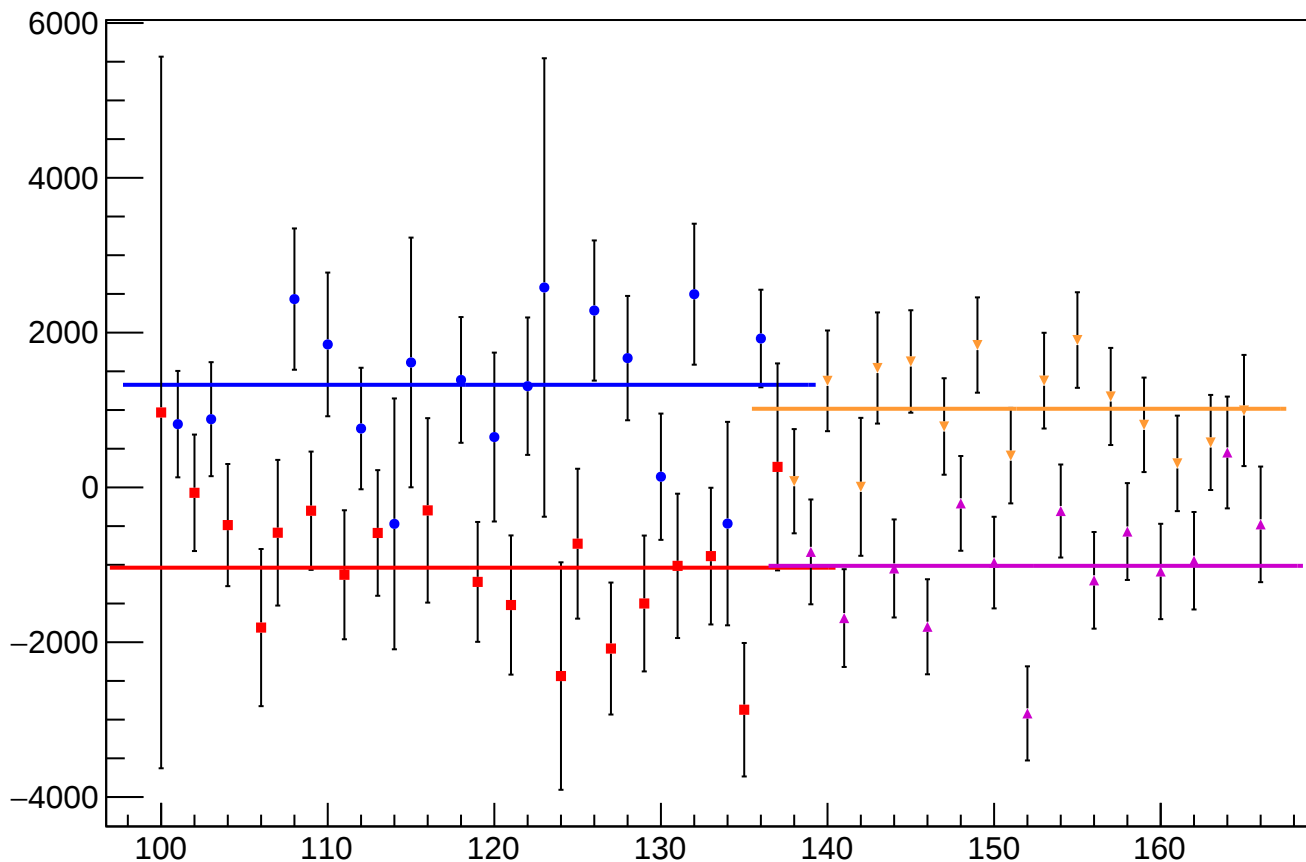
Left In: 950.841+/-0.205 χ^2/NDF : 245171.0/13

+ sign 854.652+/-0.148 χ^2/NDF : 1002336.7/29

All: 841.806+/-0.103 χ^2/NDF : 2902779.6/61

- sign 829.923+/-0.143 χ^2/NDF : 1886001.5/31

reg_asym_right_avg_mean vs Slug



Right In: 1325.776 $\pm$ 218.106 χ^2 /NDF: 12.9/16

Left Out: 1016.150 $\pm$ 167.671 χ^2 /NDF:12.2/14

Right Out: -1037.028 $\pm$ 211.583 χ^2 /NDF: 13.4/18

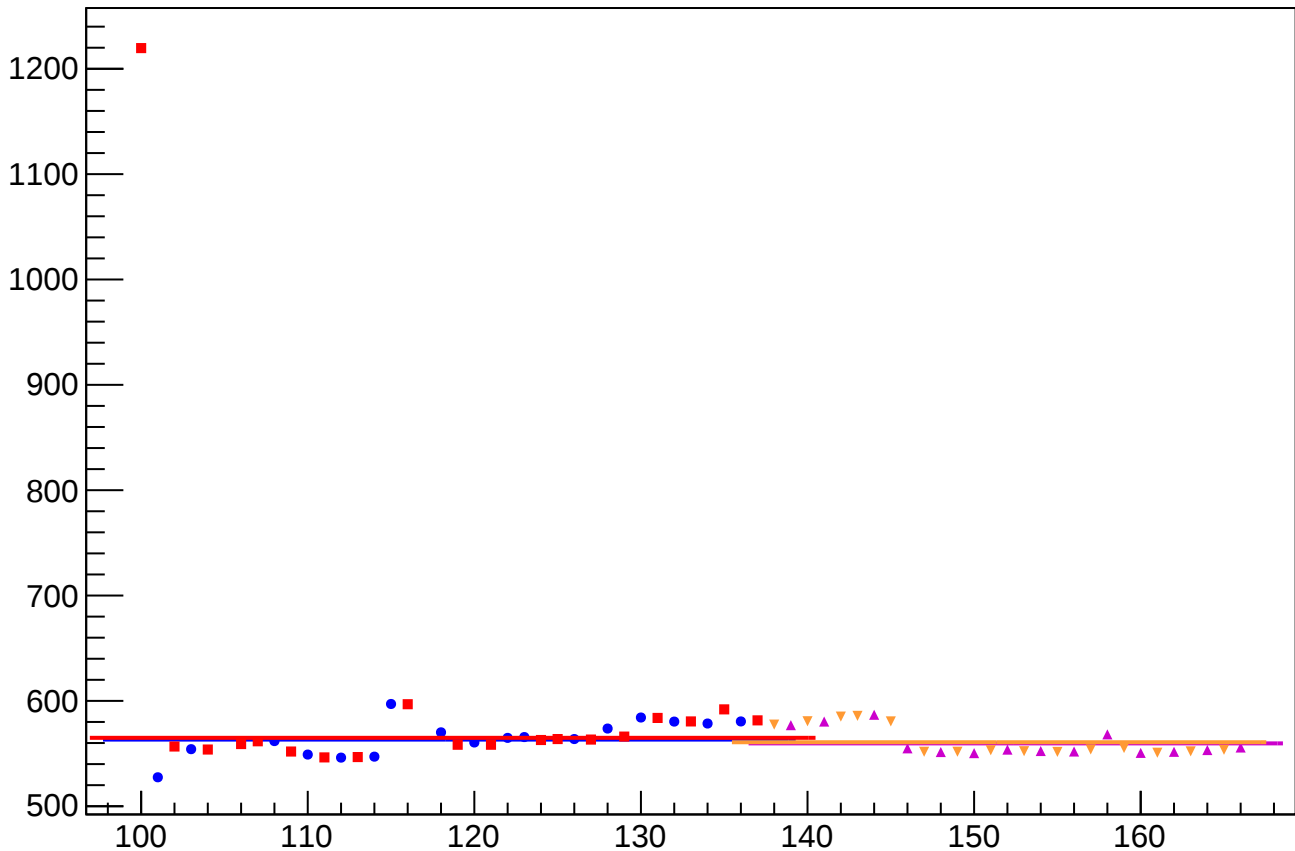
Left In: -1013.043 $\pm$ 169.469 χ^2 /NDF:21.1/13

+ sign 1131.164 $\pm$ 132.930 χ^2 /NDF: 26.4/31

All: 49.022 $\pm$ 93.762 χ^2 /NDF: 192.7/64

- sign -1022.417 $\pm$ 132.271 χ^2 /NDF: 34.5/32

reg_asym_right_avg_rms vs Slug



Right In: 563.266 ± 0.154 χ^2/NDF : 12520.3/16

Left Out: 560.745 ± 0.119 χ^2/NDF : 12306.0/14

Right Out: 564.944 ± 0.150 χ^2/NDF : 49295.9/18

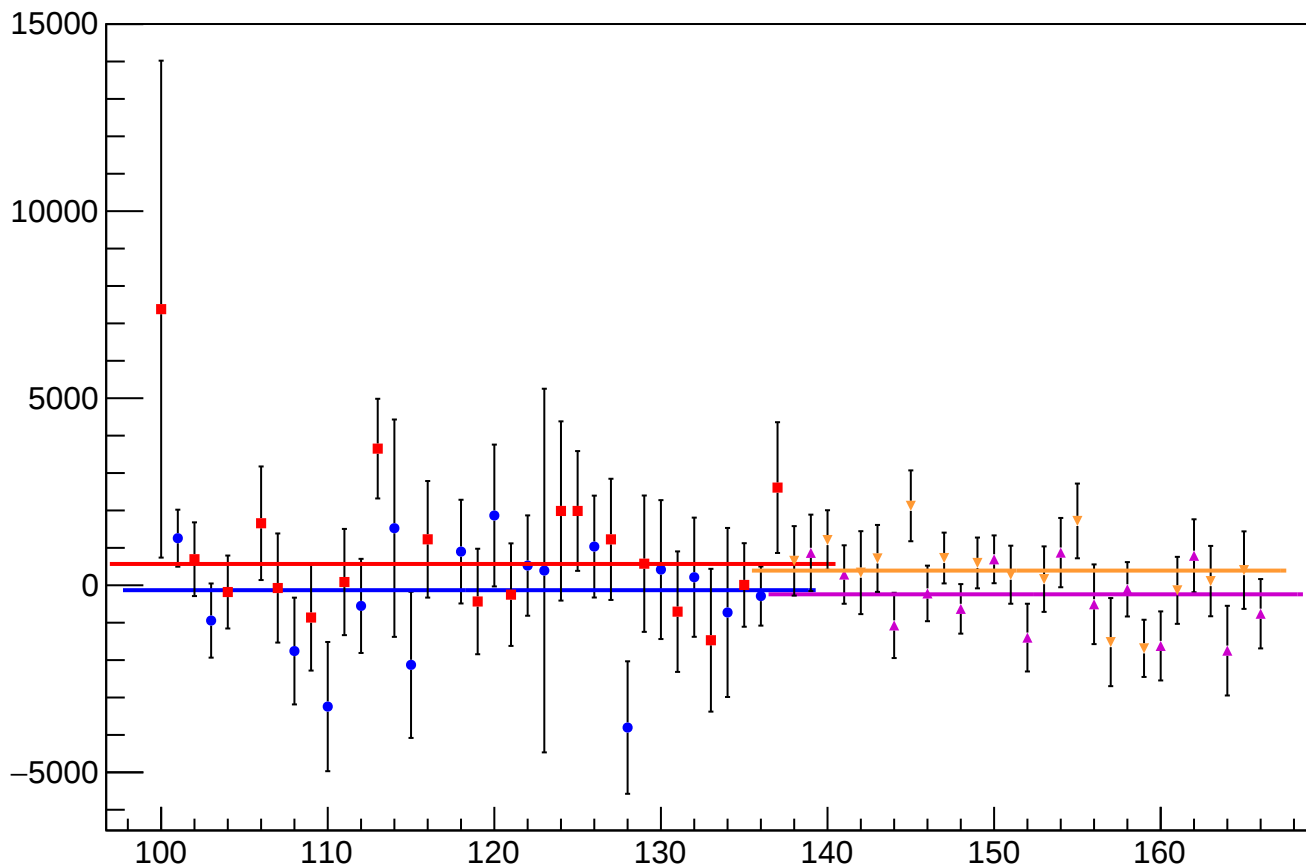
Left In: 559.657 ± 0.120 χ^2/NDF : 10222.7/13

+ sign 561.681 ± 0.094 χ^2/NDF : 24994.2/31

All: 561.702 ± 0.066 χ^2/NDF : 85273.6/64

- sign 561.723 ± 0.094 χ^2/NDF : 60279.3/32

asym_right_avg_correction_mean vs Slug



Right In: -131.097 $\pm$ 327.588 χ^2/NDF : 17.2/16

Left Out: 392.666 $\pm$ 223.797 χ^2/NDF : 17.3/14

Right Out: 569.844 $\pm$ 332.404 χ^2/NDF : 14.6/18

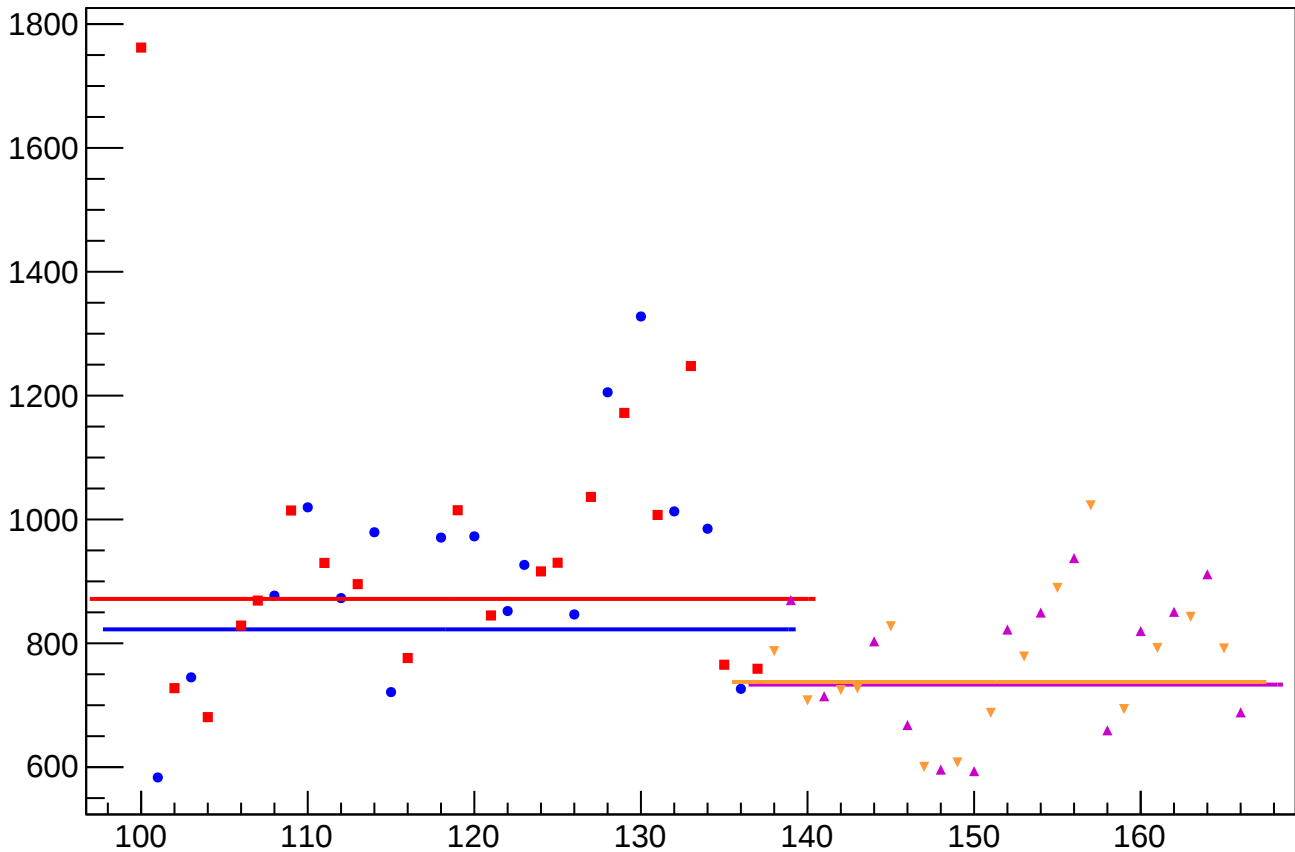
Left In: -241.491 $\pm$ 225.299 χ^2/NDF : 13.5/13

+ sign 226.002 $\pm$ 184.791 χ^2/NDF : 36.2/31

All: 120.928 $\pm$ 131.266 χ^2/NDF : 69.0/64

- sign 13.904 $\pm$ 186.497 χ^2/NDF : 32.1/32

asym_right_avg_correction_rms vs Slug



Right In: 822.527+/-0.232 χ^2/NDF : 600956.1/16

Left Out: 737.536+/-0.158 χ^2/NDF : 403103.8/14

Right Out: 871.679+/-0.235 χ^2/NDF : 406857.8/18

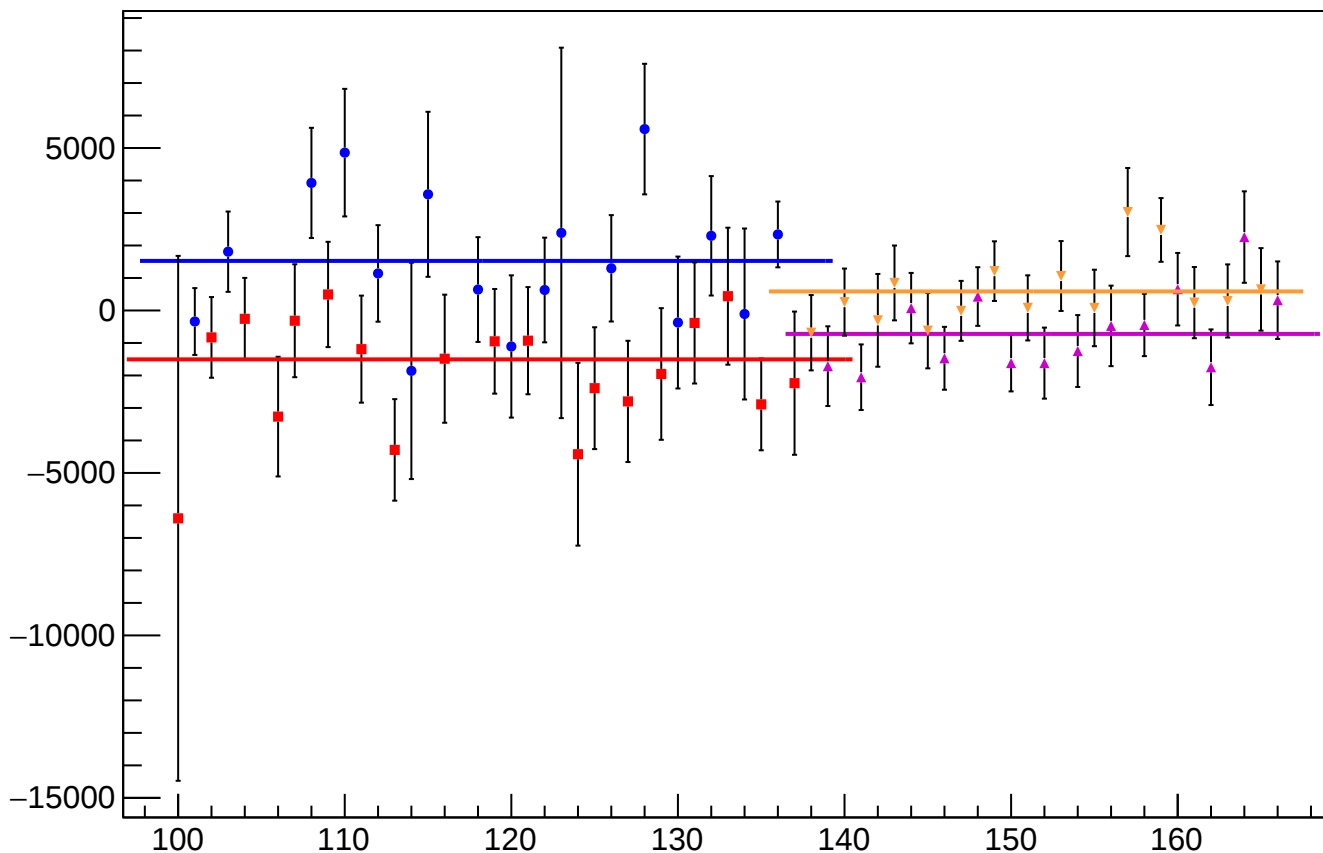
Left In: 733.304+/-0.159 χ^2/NDF : 487320.2/13

+ sign 764.580+/-0.131 χ^2/NDF : 1095845.2/31

All: 770.665+/-0.093 χ^2/NDF : 2231887.6/64

- sign 776.862+/-0.132 χ^2/NDF : 1131665.8/32

asym_right_avg_mean vs Slug



Right In: 1525.470 $\pm$ 401.784 χ^2 /NDF: 18.2/16

Left Out: 586.385 $\pm$ 283.512 χ^2 /NDF: 11.5/14

Right Out: -1504.406 $\pm$ 399.953 χ^2 /NDF: 12.1/18

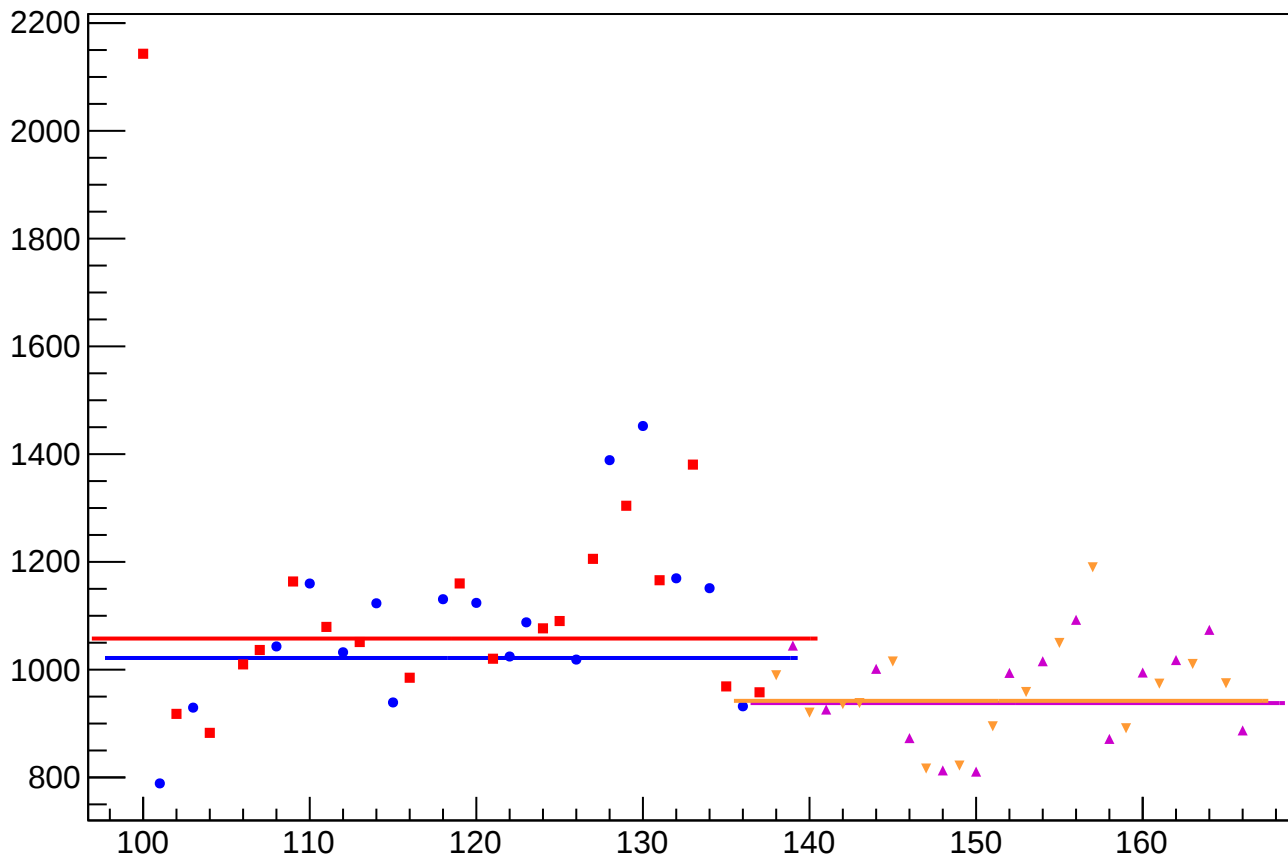
Left In: -721.347 $\pm$ 285.735 χ^2 /NDF: 14.8/13

+ sign 898.544 $\pm$ 231.648 χ^2 /NDF: 33.4/31

All: -40.258 $\pm$ 164.099 χ^2 /NDF: 95.8/64

- sign -985.961 $\pm$ 232.497 χ^2 /NDF: 29.4/32

asym_right_avg_rms vs Slug



Right In: 1021.665+/-0.284 χ^2/NDF : 331949.3/16

Left Out: 942.129+/-0.200 χ^2/NDF : 187758.1/14

Right Out: 1057.748+/-0.283 χ^2/NDF : 230944.1/18

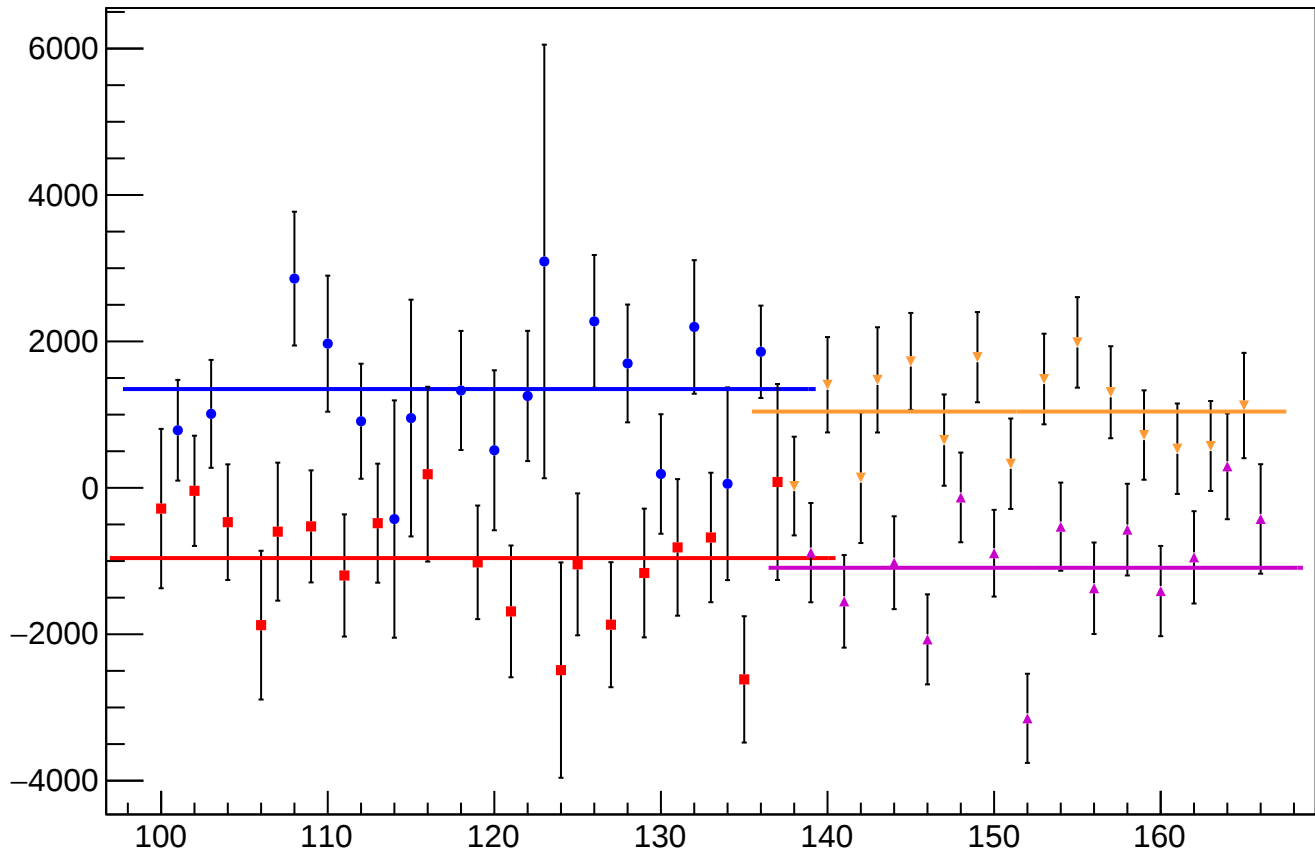
Left In: 937.973+/-0.202 χ^2/NDF : 204857.2/13

+ sign 968.567+/-0.164 χ^2/NDF : 572028.9/31

All: 973.489+/-0.116 χ^2/NDF : 1128396.6/64

- sign 978.448+/-0.164 χ^2/NDF : 554555.0/32

reg_asym_right_dd_mean vs Slug



Right In: 1349.156 $\pm$ 218.361 χ^2 /NDF: 12.3/16

Left Out: 1041.843 $\pm$ 167.844 χ^2 /NDF:12.8/14

Right Out: -959.496 $\pm$ 208.143 χ^2 /NDF: 12.2/18

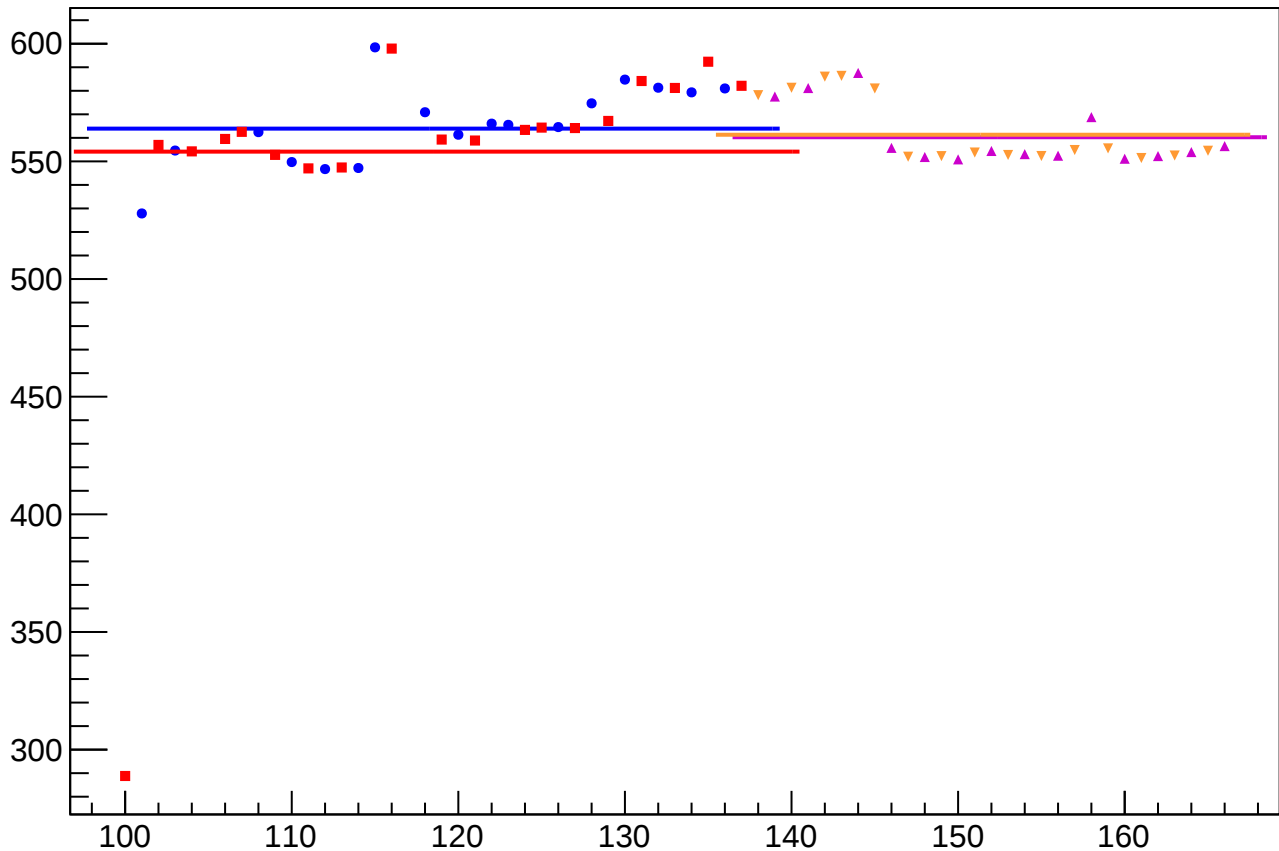
Left In: -1091.800 $\pm$ 169.652 χ^2 /NDF:23.7/13

+ sign 1155.978 $\pm$ 133.075 χ^2 /NDF: 26.3/31

All: 45.462 $\pm$ 93.538 χ^2 /NDF: 200.2/64

- sign -1038.989 $\pm$ 131.504 χ^2 /NDF: 36.2/32

reg_asym_right_dd_rms vs Slug



Right In: 563.922 $\pm$ 0.154 χ^2 /NDF: 12663.1/16

Left Out: 561.322 $\pm$ 0.119 χ^2 /NDF:12335.3/14

Right Out: 554.145 $\pm$ 0.147 χ^2 /NDF: 131965.1/18

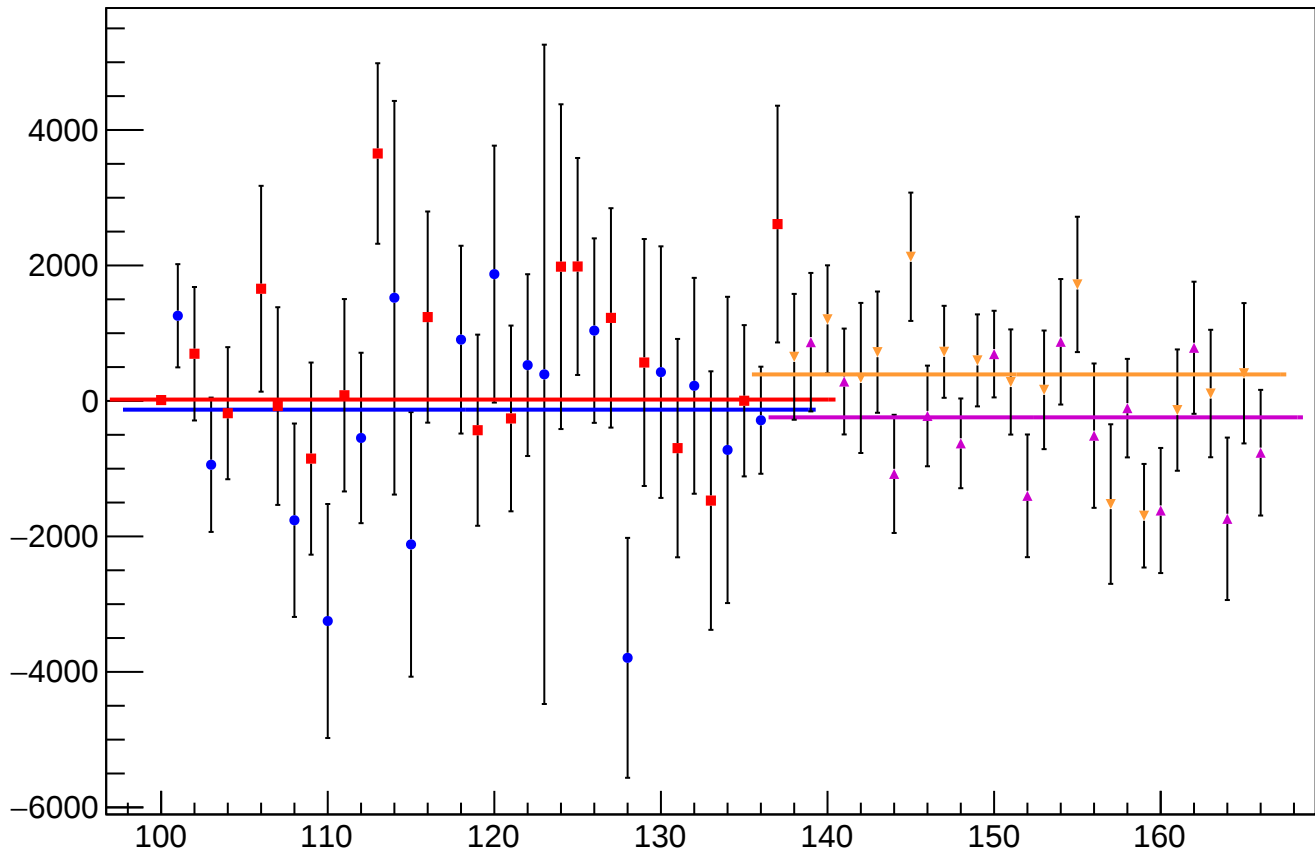
Left In: 560.260 $\pm$ 0.120 χ^2 /NDF:10313.2/13

+ sign 562.288 $\pm$ 0.094 χ^2 /NDF: 25176.7/31

All: 560.027 $\pm$ 0.066 χ^2 /NDF: 169633.4/64

- sign 557.819 $\pm$ 0.093 χ^2 /NDF: 143315.6/32

asym_right_dd_correction_mean vs Slug



Right In: -128.725 ± 327.688 χ^2/NDF : 17.2/16

Left Out: 391.504 ± 223.875 χ^2/NDF : 17.3/14

Right Out: 20.384 ± 38.954 χ^2/NDF : 16.1/18

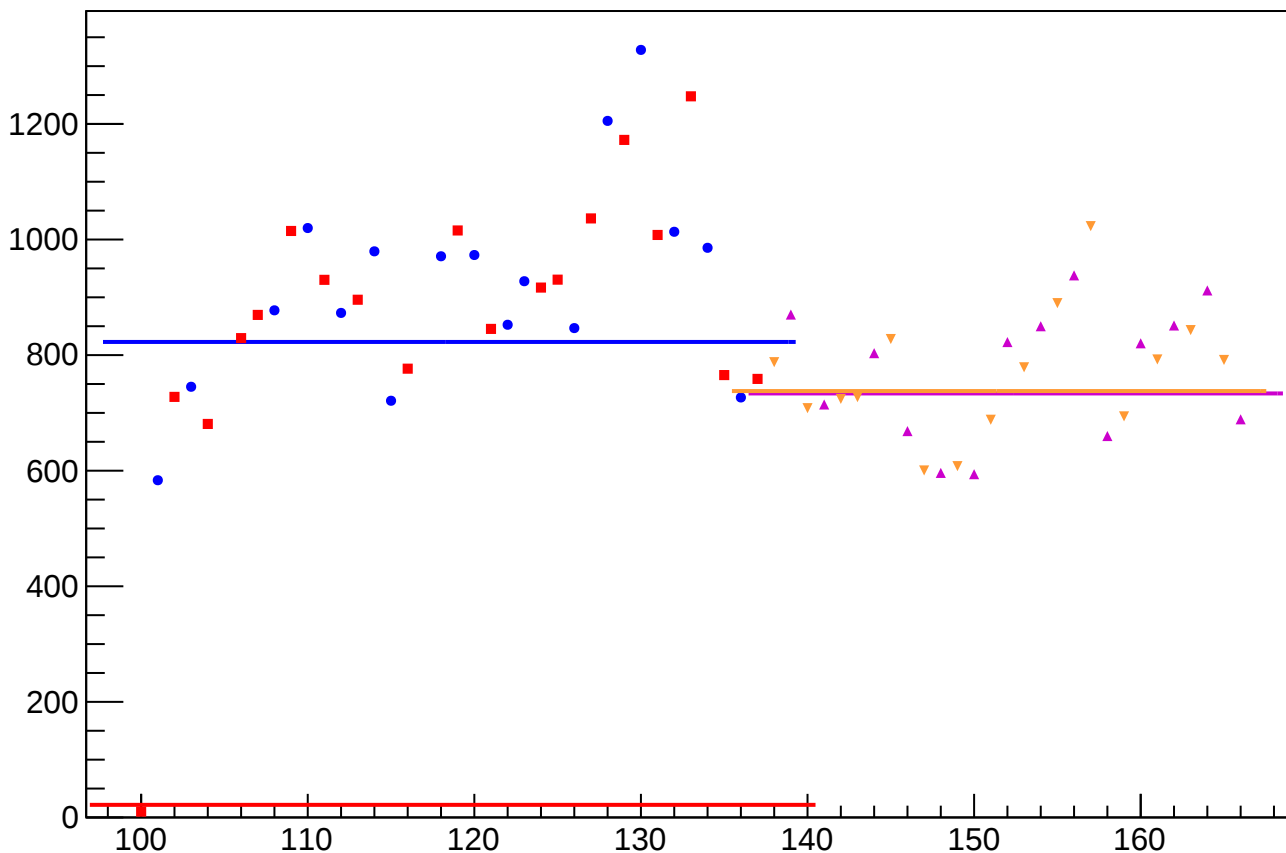
Left In: -242.066 ± 225.408 χ^2/NDF : 13.4/13

+ sign 225.955 ± 184.853 χ^2/NDF : 36.3/31

All: 21.585 ± 37.583 χ^2/NDF : 68.4/64

- sign 12.773 ± 38.385 χ^2/NDF : 30.8/32

asym_right_dd_correction_rms vs Slug



Right In: 822.780 $\pm$ 0.232 χ^2 /NDF: 600873.9/16

Left Out: 737.783 $\pm$ 0.158 χ^2 /NDF: 403183.4/14

Right Out: 21.812 $\pm$ 0.028 χ^2 /NDF: 13523611.9/18

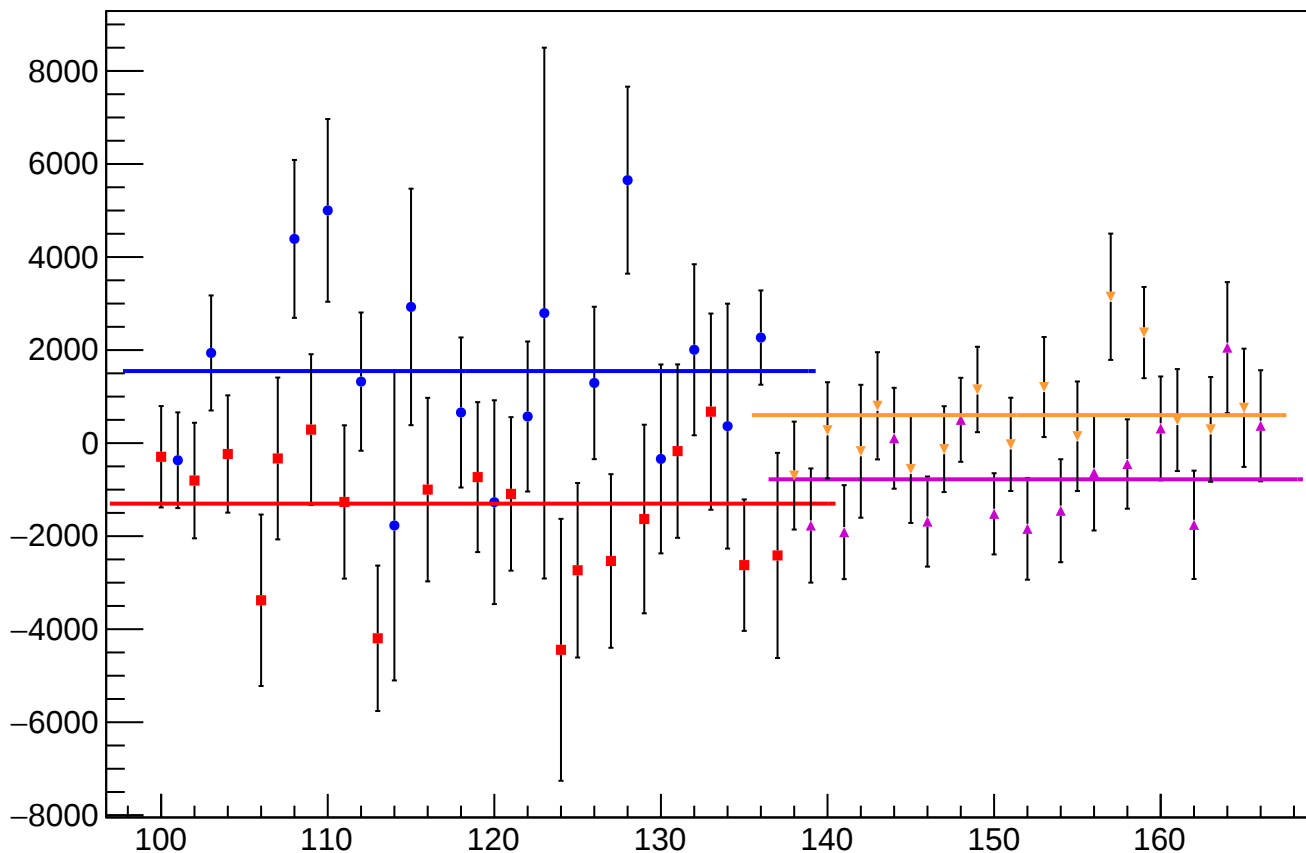
Left In: 733.669 $\pm$ 0.159 χ^2 /NDF: 487004.8/13

+ sign 764.831 $\pm$ 0.131 χ^2 /NDF: 1095795.7/31

All: 72.317 $\pm$ 0.027 χ^2 /NDF: 63754721.1/64

- sign 42.456 $\pm$ 0.027 χ^2 /NDF: 33379063.3/32

asym_right_dd_mean vs Slug



Right In: 1548.873 $\pm$ 402.008 χ^2 /NDF: 19.0/16

Left Out: 601.482 $\pm$ 283.675 χ^2 /NDF: 11.4/14

Right Out: -1300.945 $\pm$ 376.043 χ^2 /NDF: 12.5/18

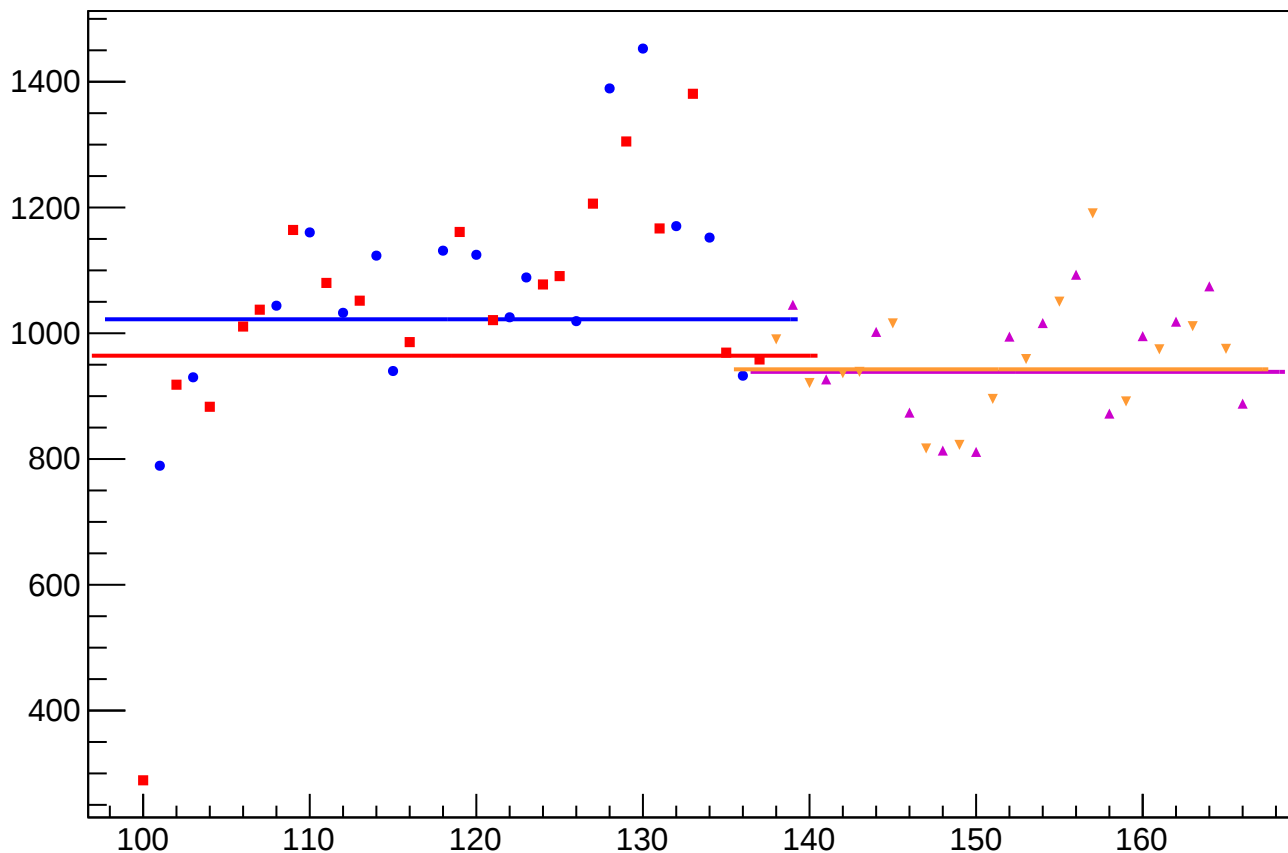
Left In: -777.944 $\pm$ 285.933 χ^2 /NDF: 14.3/13

+ sign 916.408 $\pm$ 231.779 χ^2 /NDF: 34.1/31

All: -43.692 $\pm$ 162.398 χ^2 /NDF: 95.8/64

- sign -969.548 $\pm$ 227.608 χ^2 /NDF: 28.0/32

asym_right_dd_rms vs Slug



Right In: 1022.241+/-0.284 χ^2/NDF : 331865.9/16

Left Out: 942.660+/-0.201 χ^2/NDF : 187897.0/14

Right Out: 964.330+/-0.266 χ^2/NDF : 1067281.2/18

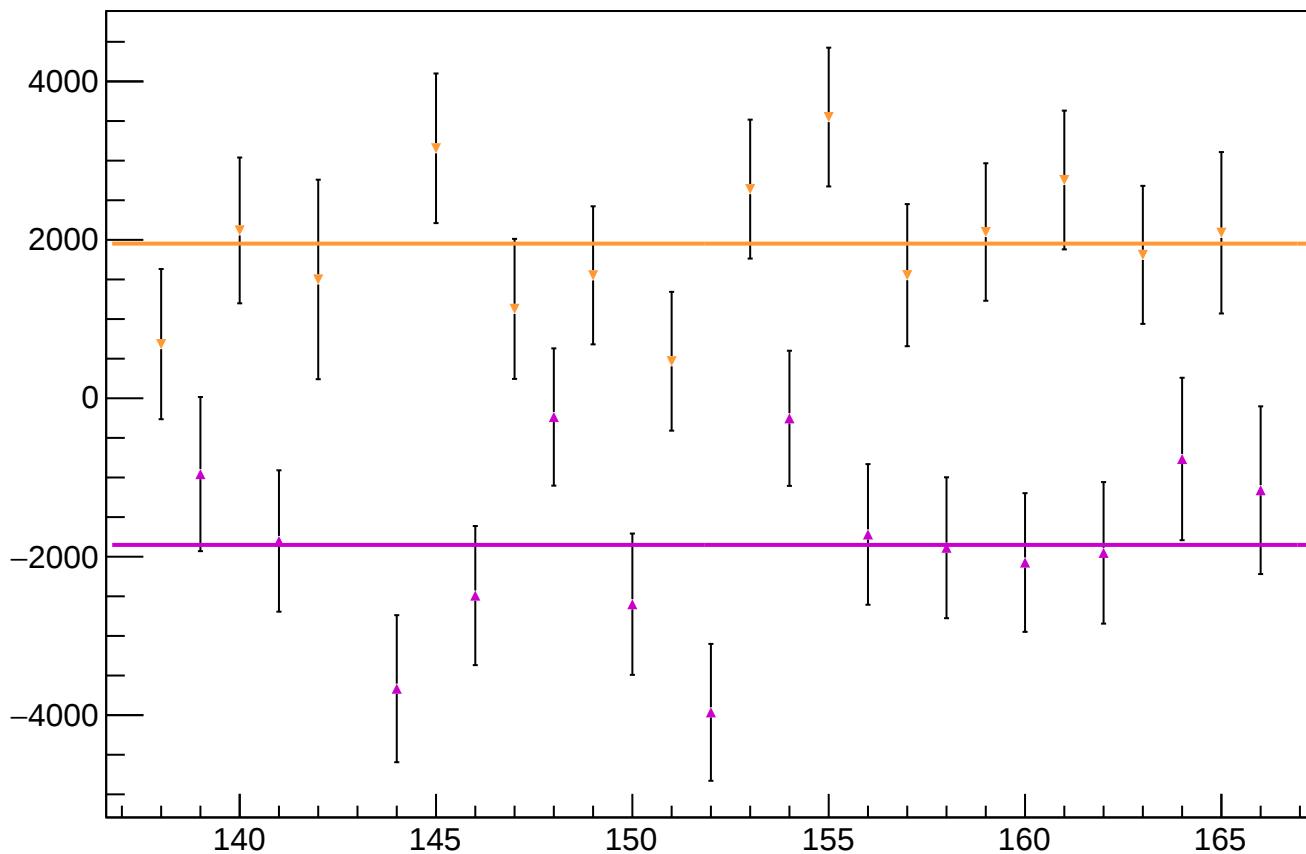
Left In: 938.629+/-0.202 χ^2/NDF : 204686.8/13

+ sign 969.114+/-0.164 χ^2/NDF : 572085.8/31

All: 958.388+/-0.115 χ^2/NDF : 1858387.2/64

- sign 948.044+/-0.161 χ^2/NDF : 1277887.8/32

cor_asym_us_avg_mean vs Slug



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

Left Out: 1952.501 $\pm$ 244.685 χ^2 /NDF:12.6/13

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

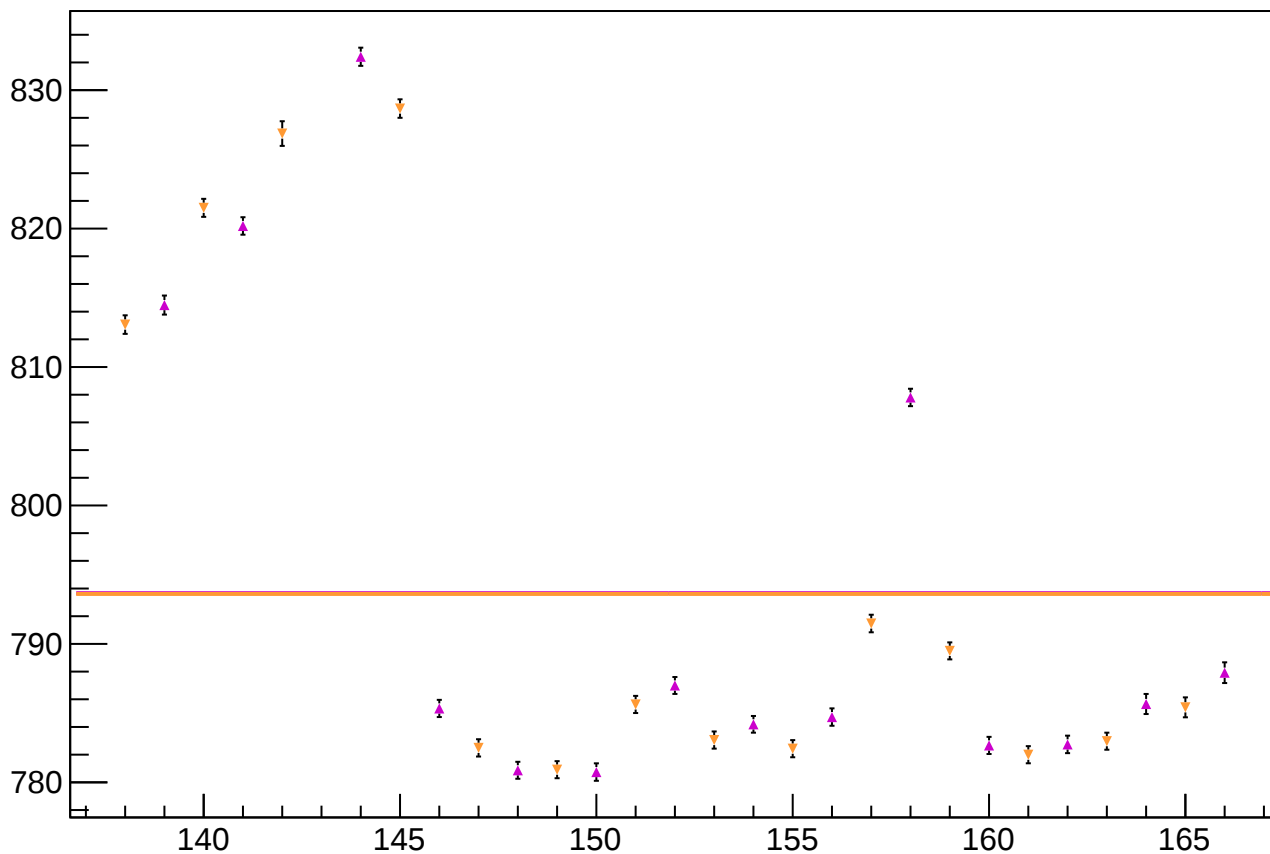
Left In: -1851.083 $\pm$ 242.499 χ^2 /NDF:20.5/13

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

All: 33.646 $\pm$ 172.240 χ^2 /NDF: 155.0/27

- sign 0.000 $\pm$ 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: 793.611+/-0.173 χ^2/NDF : 9186.3/13

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

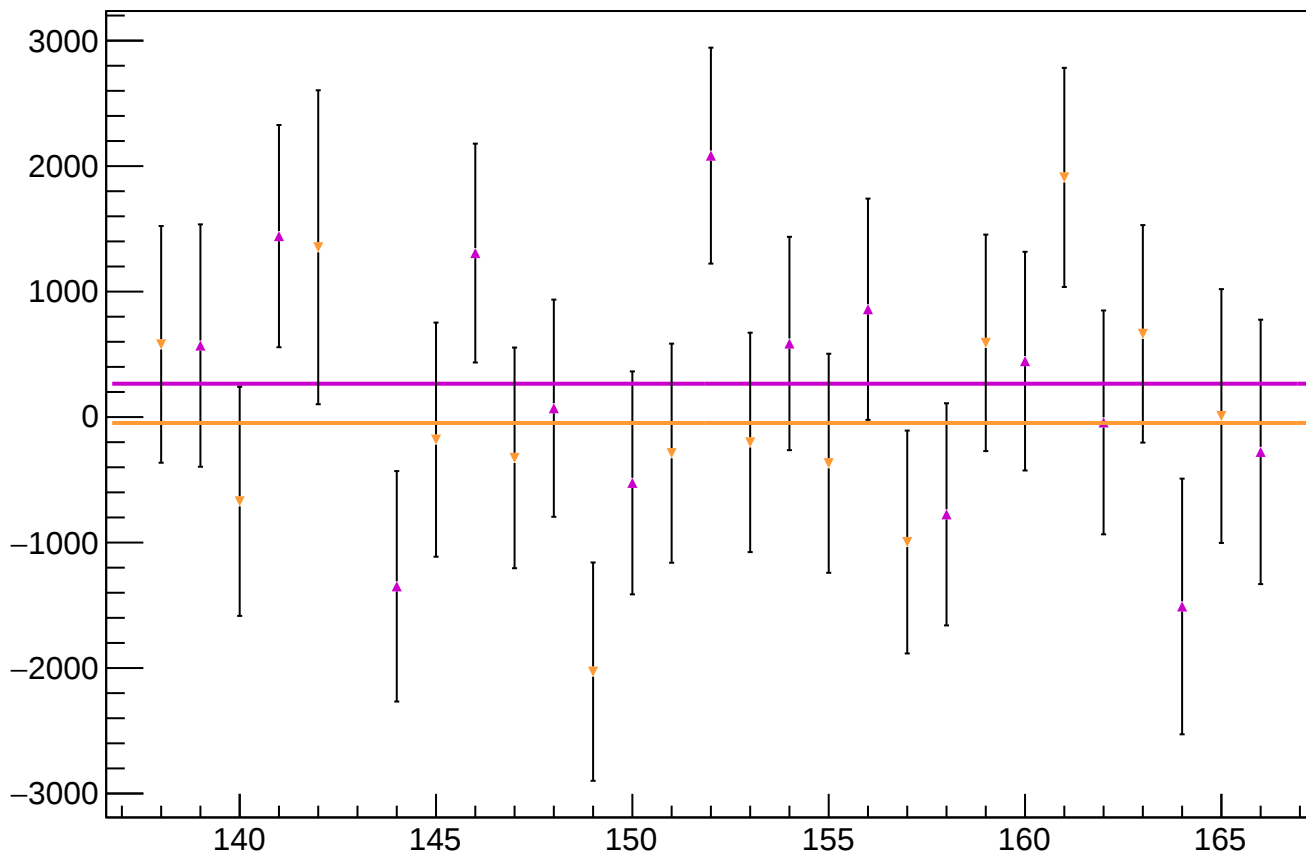
Left In: 793.664+/-0.171 χ^2/NDF : 9072.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.638+/-0.122 χ^2/NDF : 18258.6/27

- 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: -46.981 ± 243.319 χ^2/NDF : 15.1/13

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

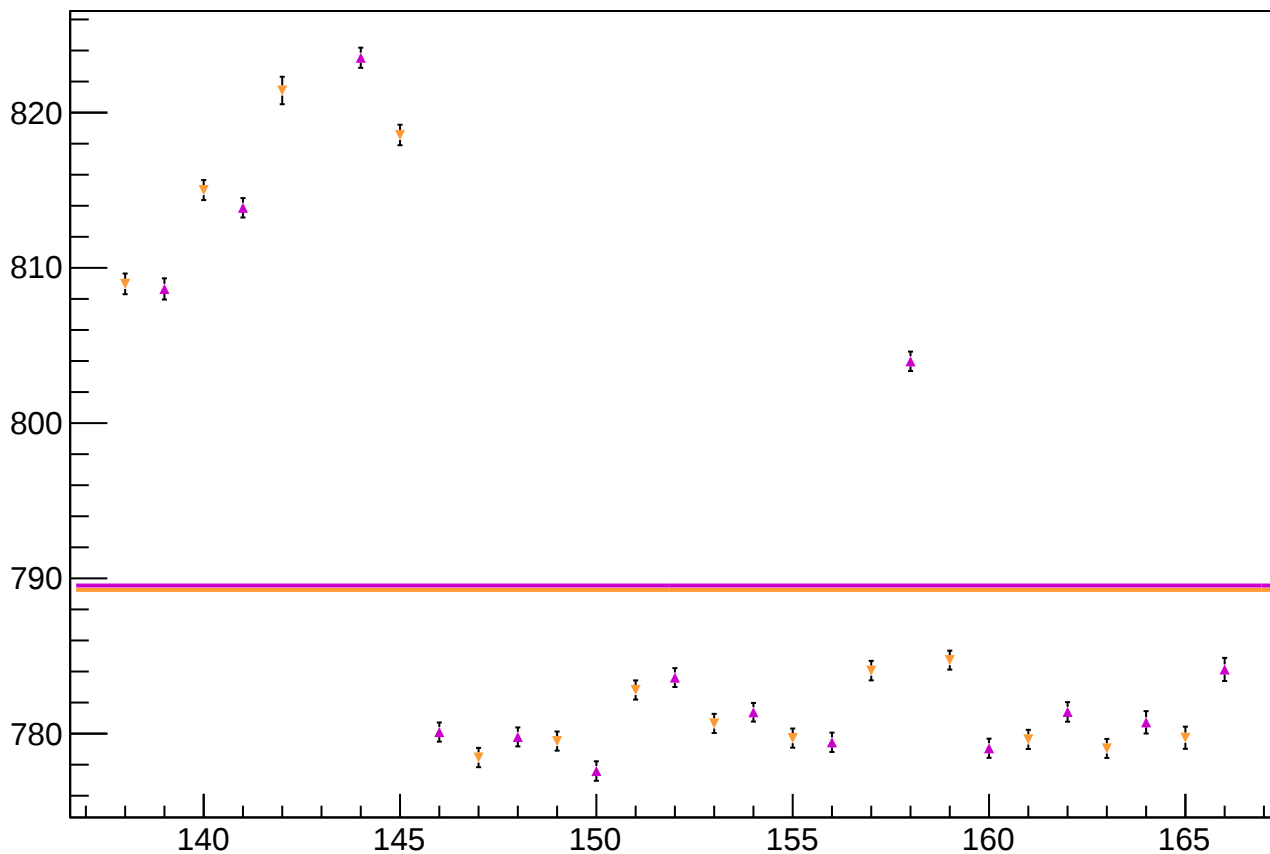
Left In: 265.988 ± 241.226 χ^2/NDF : 17.1/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 110.856 ± 171.308 χ^2/NDF : 33.1/27

- 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: 789.257+/-0.172 χ^2/NDF : 7675.1/13

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

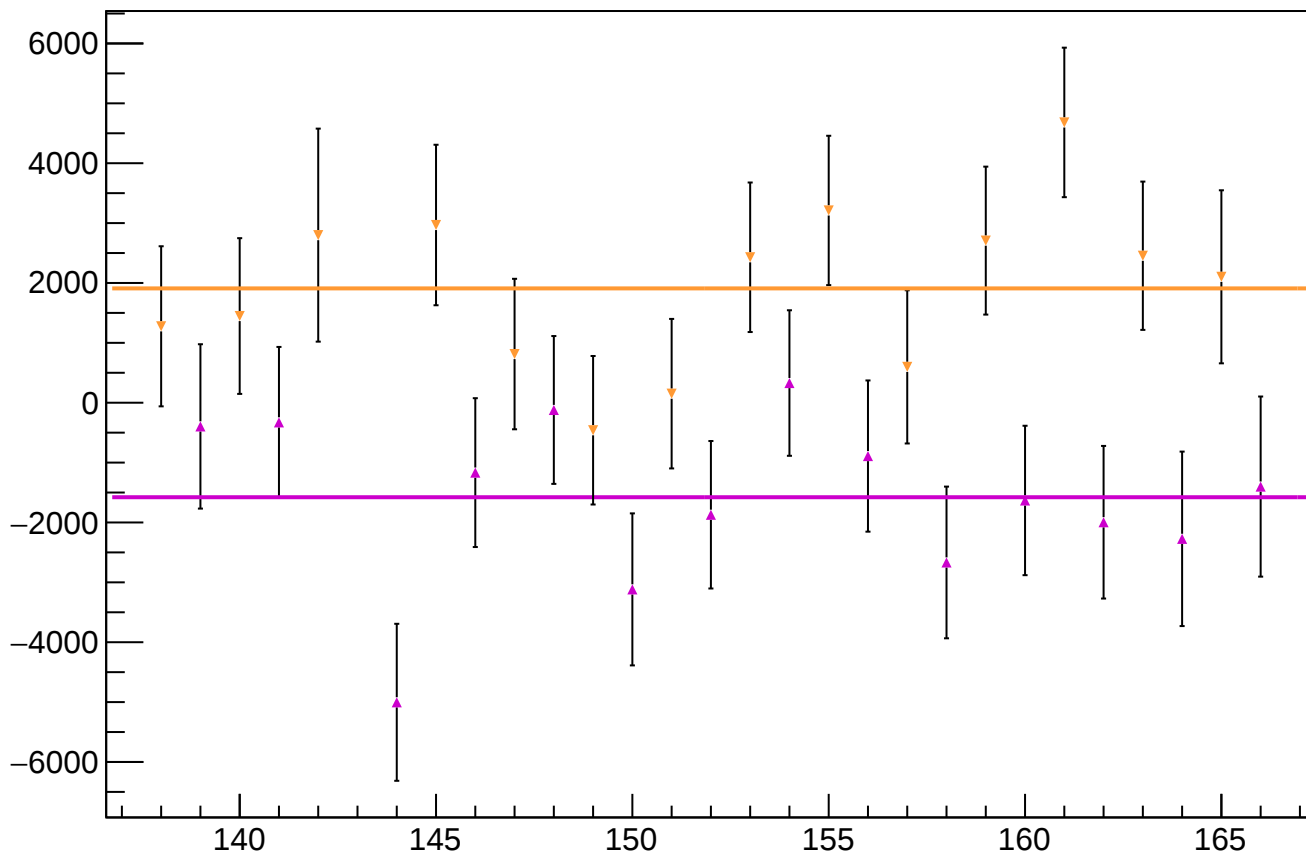
Left In: 789.539+/-0.171 χ^2/NDF : 7615.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.399+/-0.121 χ^2/NDF : 15292.2/27

- 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: 1909.267+/-347.703 χ^2/NDF : 15.5/13

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

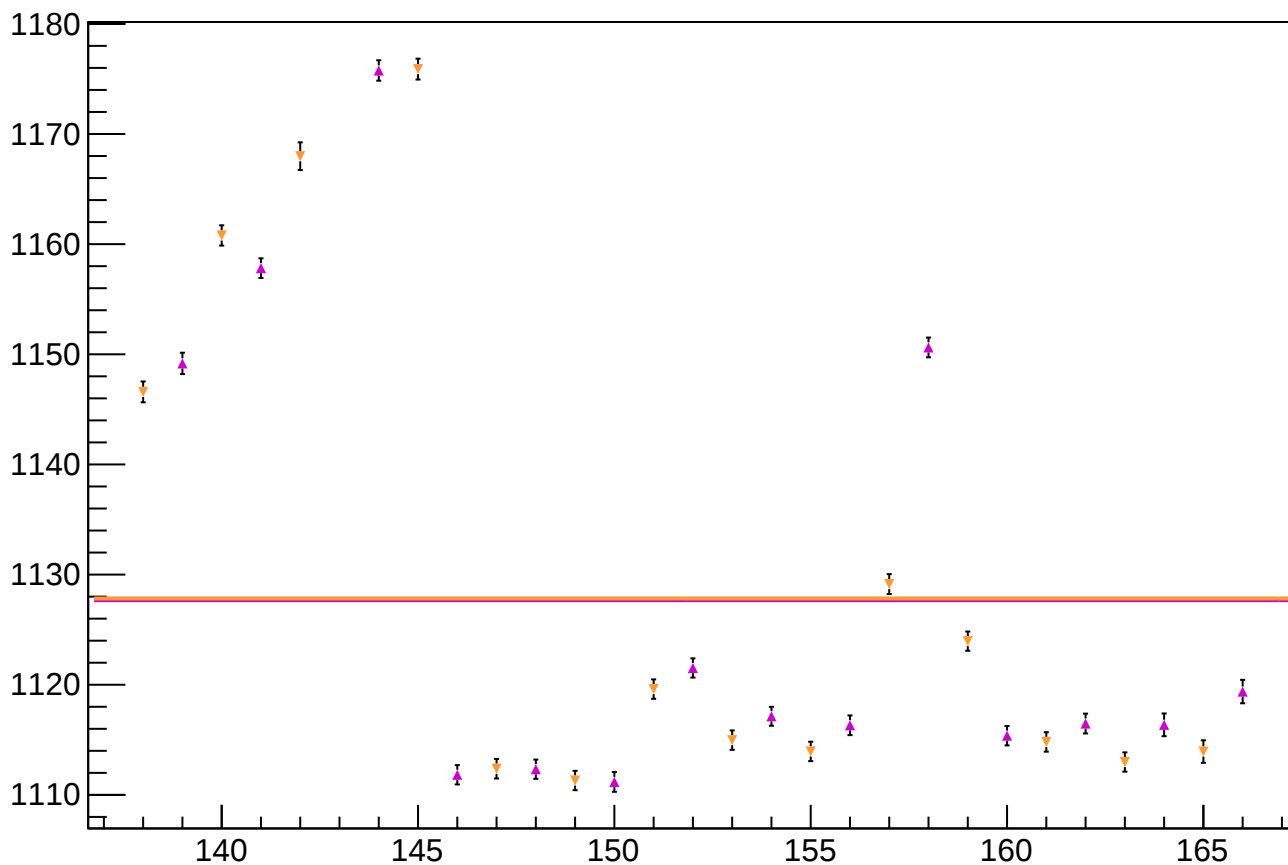
Left In: -1578.438+/-344.534 χ^2/NDF : 15.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.444+/-244.735 χ^2/NDF : 81.7/27

- 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: 1127.833+/-0.246 χ^2/NDF : 7185.0/13

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

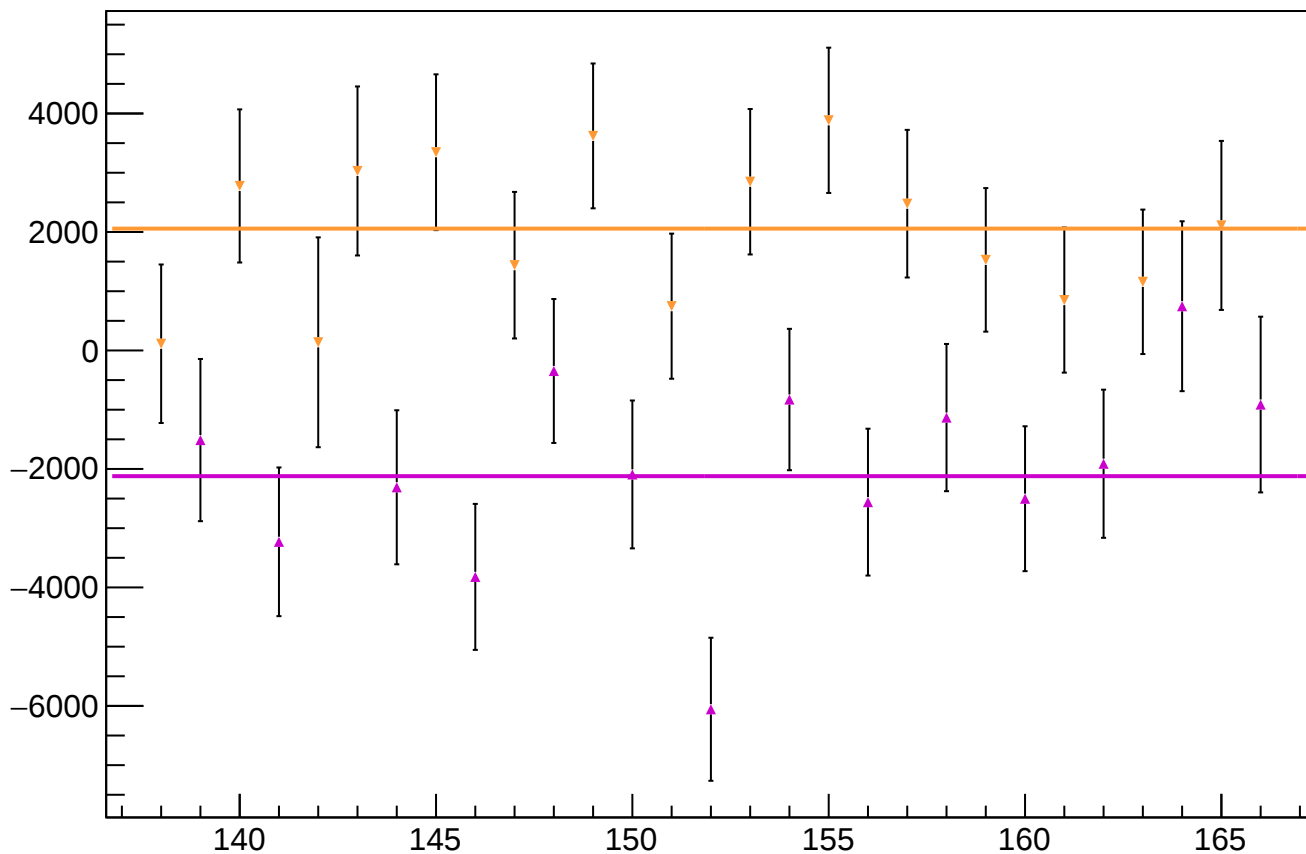
Left In: 1127.677+/-0.244 χ^2/NDF : 6847.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.754+/-0.173 χ^2/NDF : 14032.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_mean vs Slug



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

Left Out: 2056.852+/-332.974 χ^2/NDF :12.5/14

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

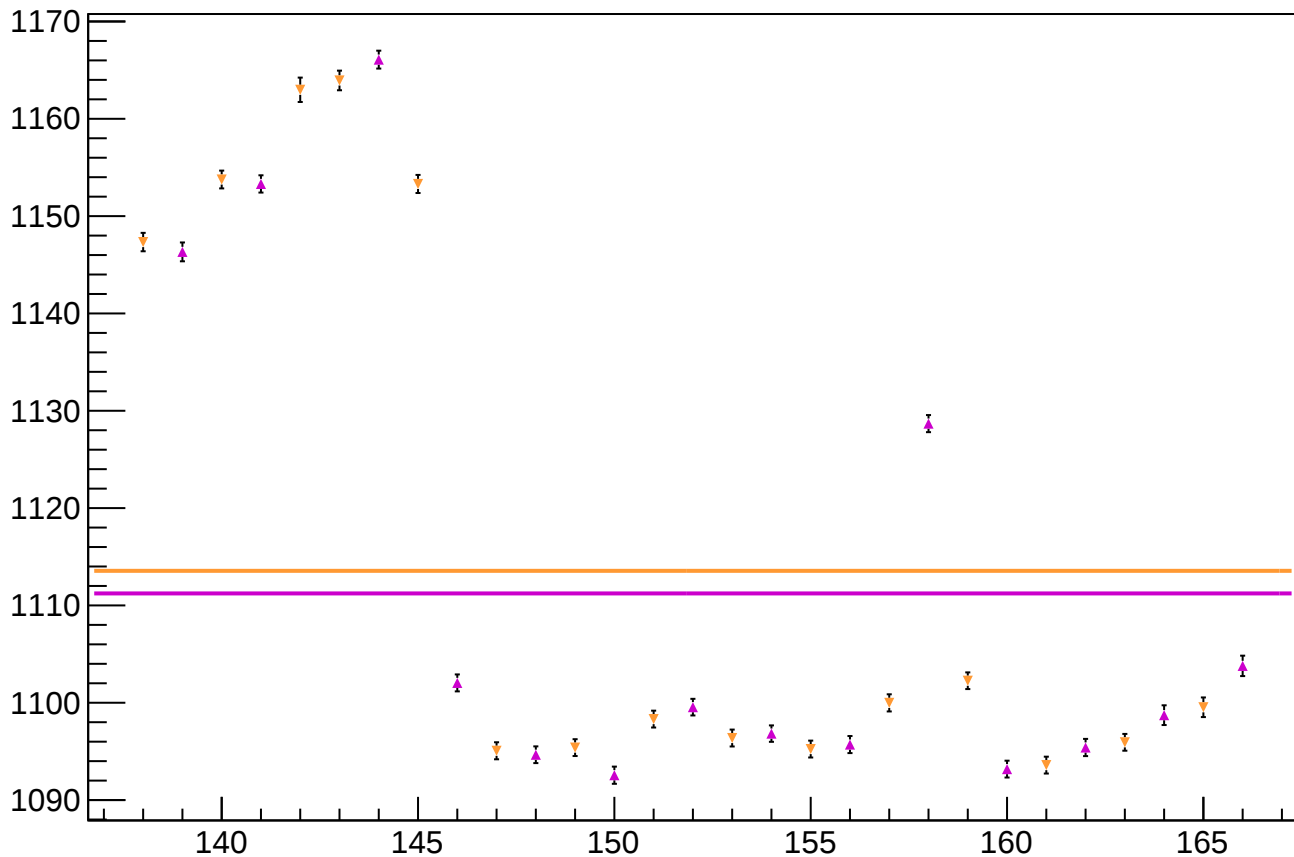
Left In: -2121.756+/-339.536 χ^2/NDF :22.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.320+/-237.734 χ^2/NDF : 112.1/28

- sign 0.000+/-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: 1113.554+/-0.235 χ^2/NDF :12679.2/14

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

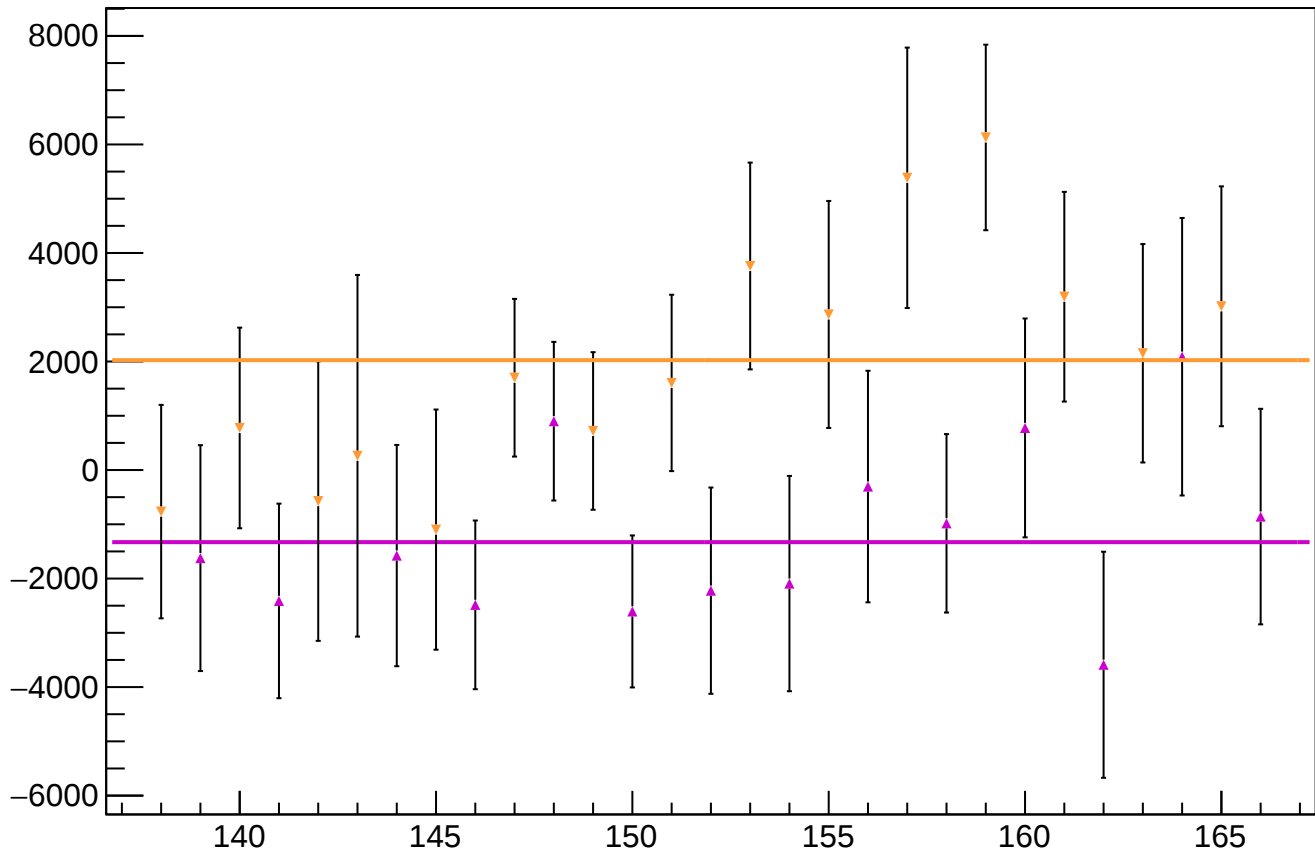
Left In: 1111.232+/-0.240 χ^2/NDF :10198.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1112.416+/-0.168 χ^2/NDF : 22925.4/28

- 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: 2024.750+/-496.194 χ^2/NDF : 16.0/14

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

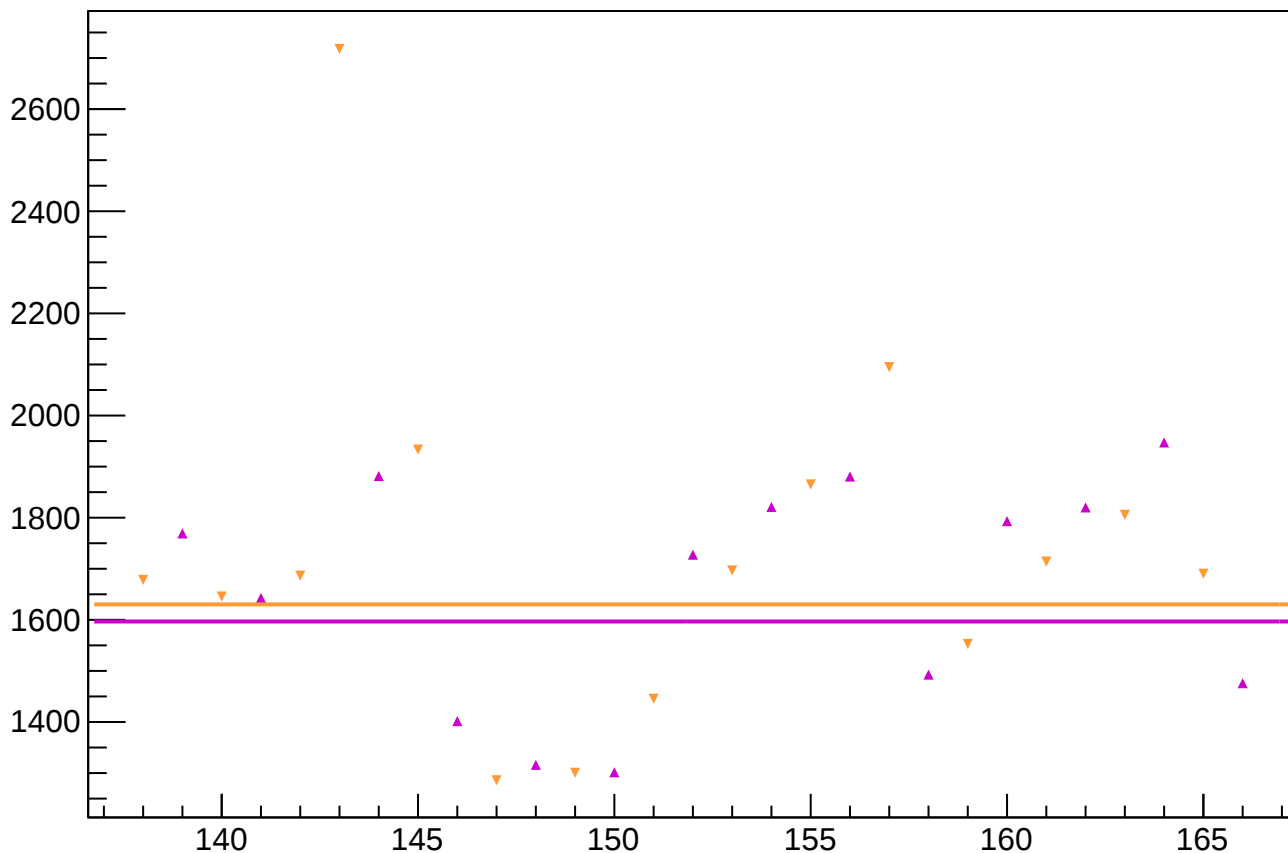
Left In: -1328.931+/-489.261 χ^2/NDF : 8.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.315+/-348.385 χ^2/NDF : 48.0/28

- 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: 1630.227+/-0.351 χ^2/NDF :621220.7/14

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

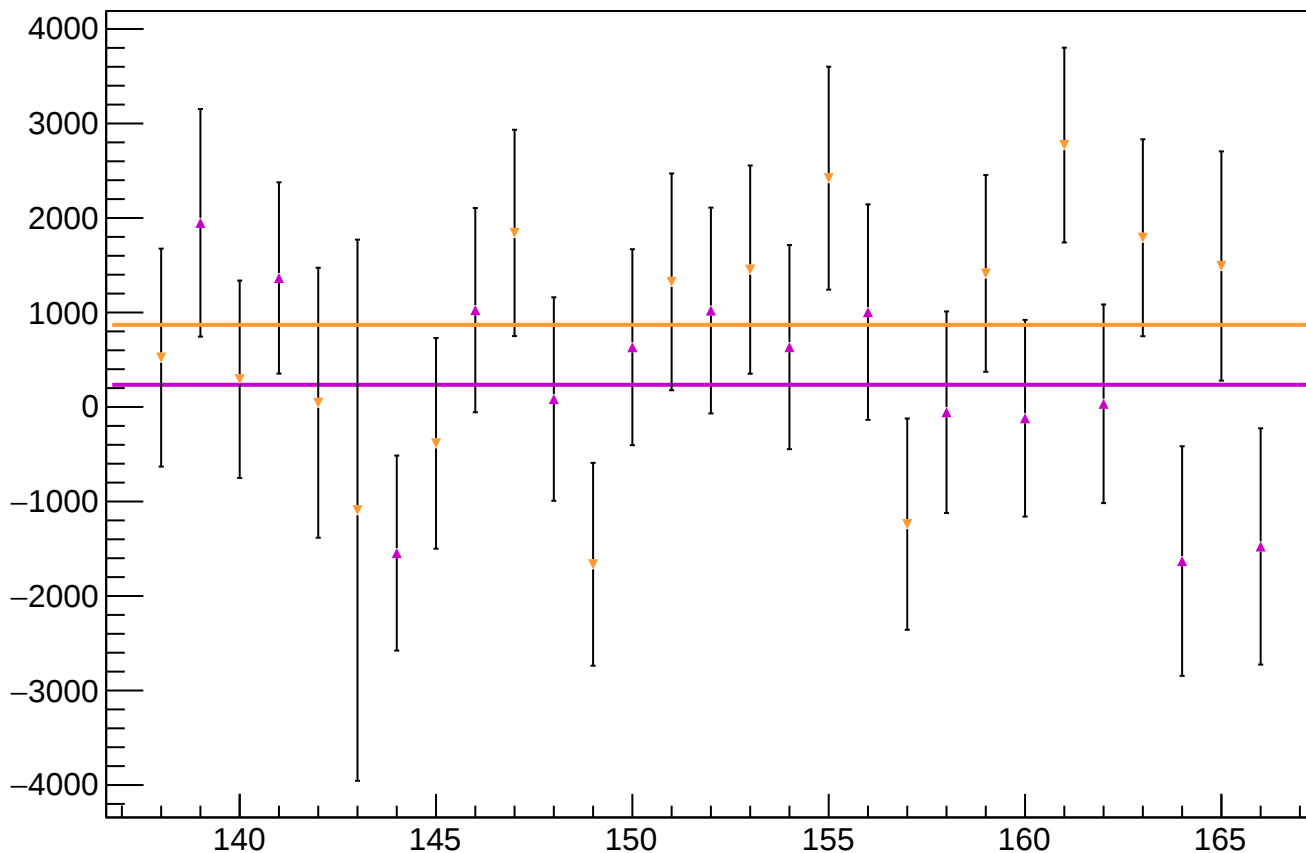
Left In: 1596.768+/-0.346 χ^2/NDF :413588.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.262+/-0.246 χ^2/NDF : 1039420.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_mean vs Slug



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

Left Out: 869.056+/-296.687 χ^2/NDF : 19.3/14

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

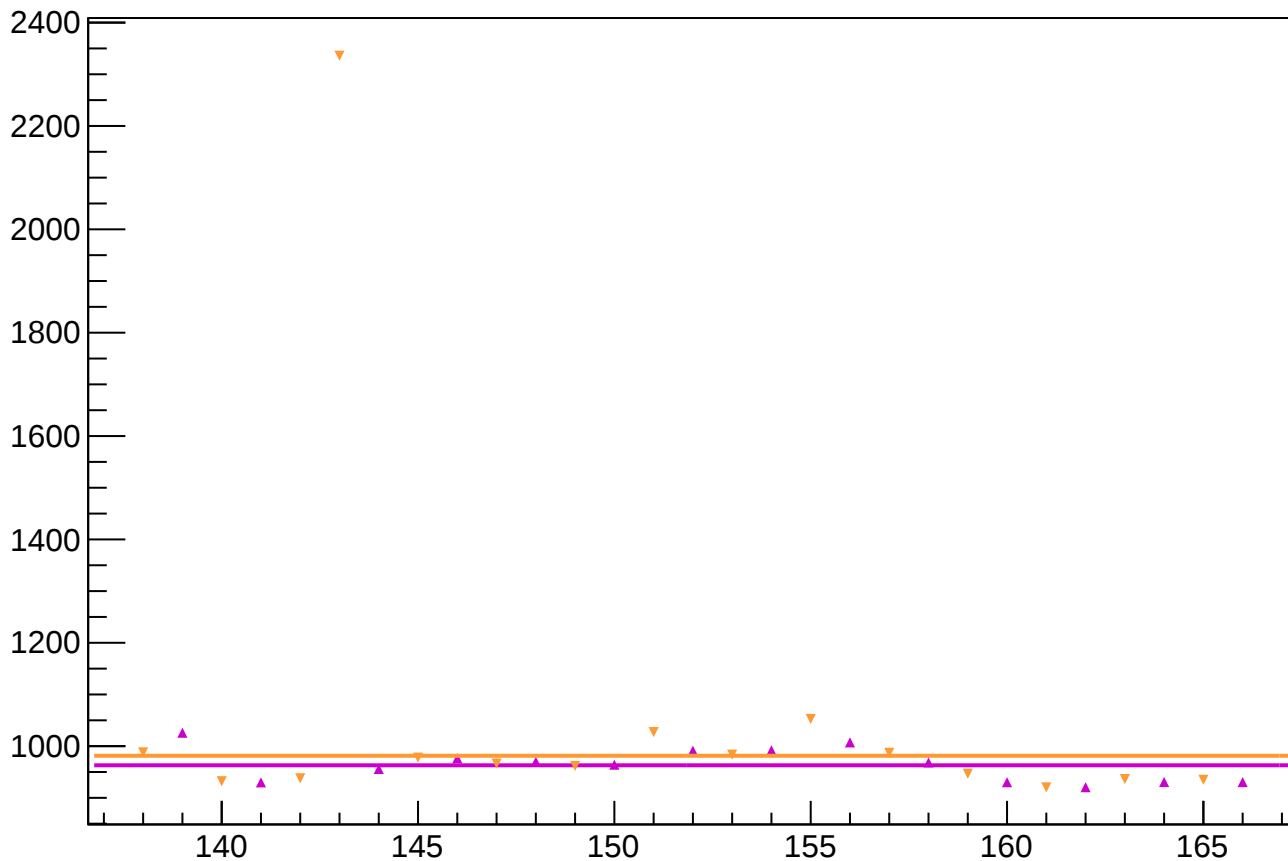
Left In: 235.245+/-291.739 χ^2/NDF : 12.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.822+/-208.018 χ^2/NDF : 34.1/28

- sign 0.000+/-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: 981.424+/-0.210 χ^2/NDF : 481576.8/14

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

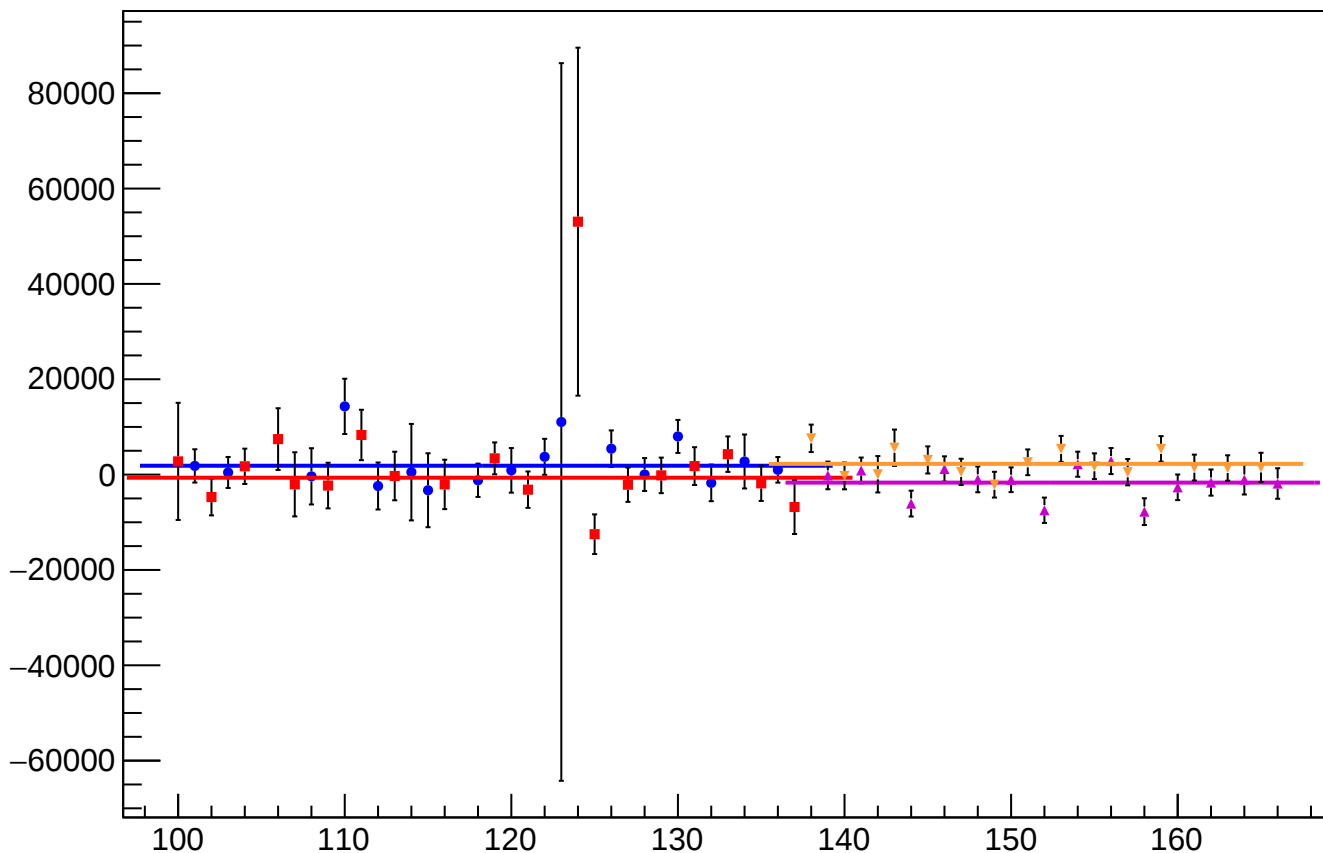
Left In: 962.965+/-0.206 χ^2/NDF : 21985.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 972.039+/-0.147 χ^2/NDF : 507498.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug



Right In: 1859.767 $\pm$ 1013.438 χ^2 /NDF: 12.5/16

Left Out: 2250.935 $\pm$ 737.353 χ^2 /NDF: 11.9/14

Right Out: -654.213 $\pm$ 1023.772 χ^2 /NDF: 22.1/18

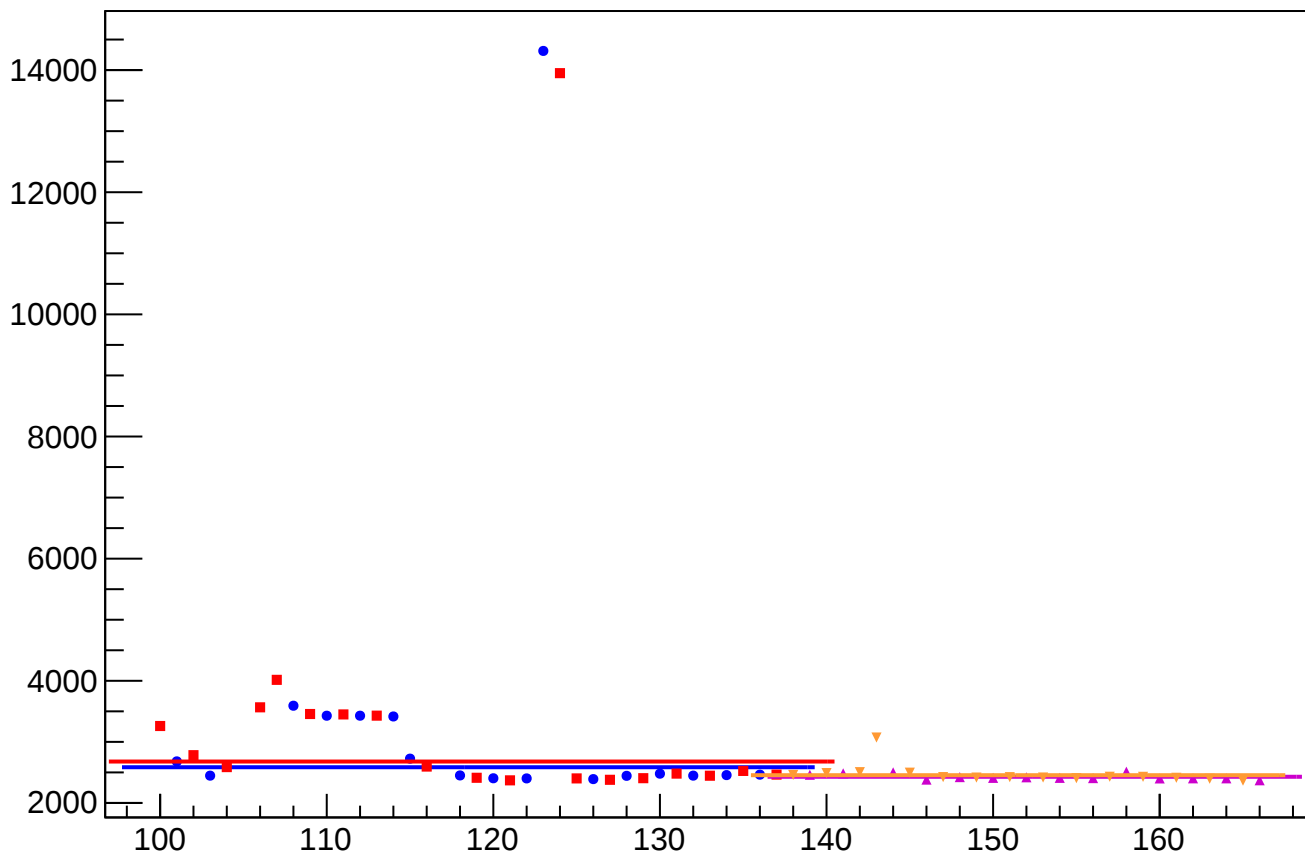
Left In: -1679.449 $\pm$ 737.809 χ^2 /NDF: 19.6/13

+ sign 2115.538 $\pm$ 596.238 χ^2 /NDF: 24.5/31

All: 399.984 $\pm$ 422.424 χ^2 /NDF: 83.4/64

- sign -1328.988 $\pm$ 598.565 χ^2 /NDF: 42.3/32

reg_asym_atl1_rms vs Slug



Right In: 2584.819+/-0.717 χ^2/NDF : 255710.5/16

Left Out: 2454.414+/-0.521 χ^2/NDF : 59021.3/14

Right Out: 2678.229+/-0.724 χ^2/NDF : 532096.9/18

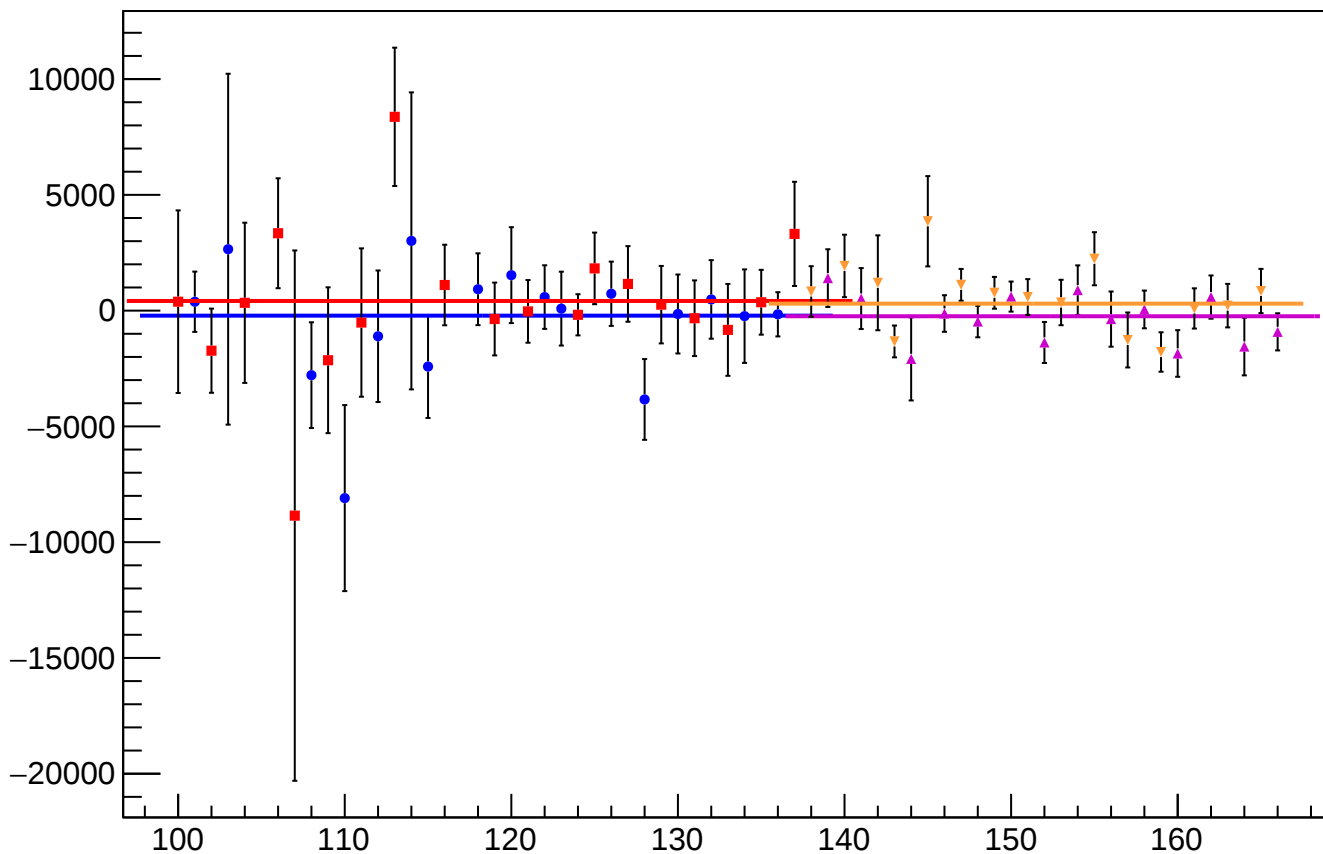
Left In: 2428.708+/-0.522 χ^2/NDF : 6414.8/13

+ sign 2499.552+/-0.422 χ^2/NDF : 336384.3/31

All: 2506.749+/-0.299 χ^2/NDF : 953675.0/64

- sign 2514.003+/-0.423 χ^2/NDF : 616705.6/32

asym_atl1_correction_mean vs Slug



Right In: -217.017 ± 420.077 χ^2/NDF : 13.4/16

Left Out: 301.309 ± 239.966 χ^2/NDF : 23.9/14

Right Out: 417.202 ± 408.976 χ^2/NDF : 15.7/18

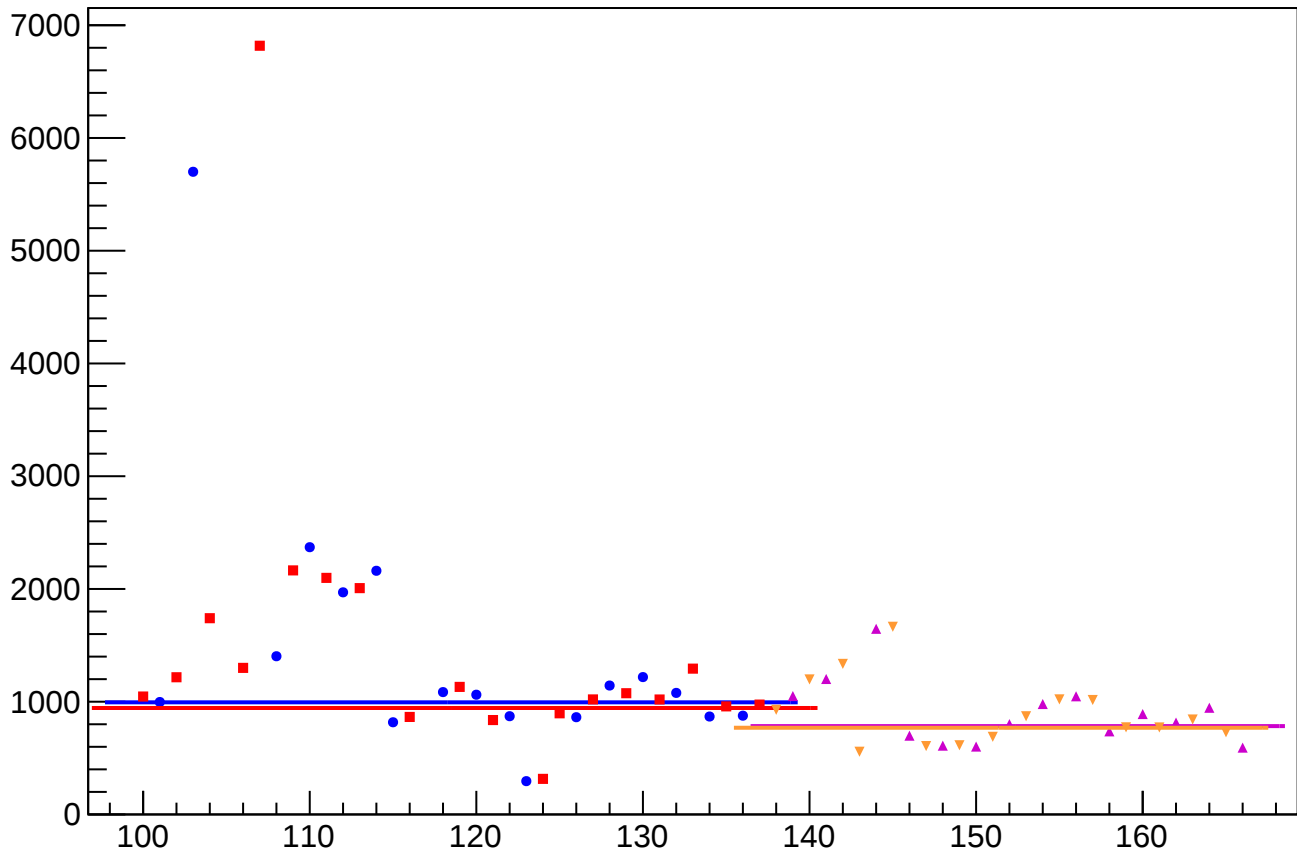
Left In: -242.125 ± 247.225 χ^2/NDF : 13.0/13

+ sign 173.784 ± 208.366 χ^2/NDF : 38.4/31

All: 55.883 ± 148.458 χ^2/NDF : 69.6/64

- sign -65.674 ± 211.573 χ^2/NDF : 30.6/32

asym_atl1_correction_rms vs Slug



Right In: 994.541 ± 0.297 χ^2/NDF : 1904549.2/16

Left Out: 769.047 ± 0.170 χ^2/NDF : 1466536.9/14

Right Out: 944.286 ± 0.289 χ^2/NDF : 2666007.0/18

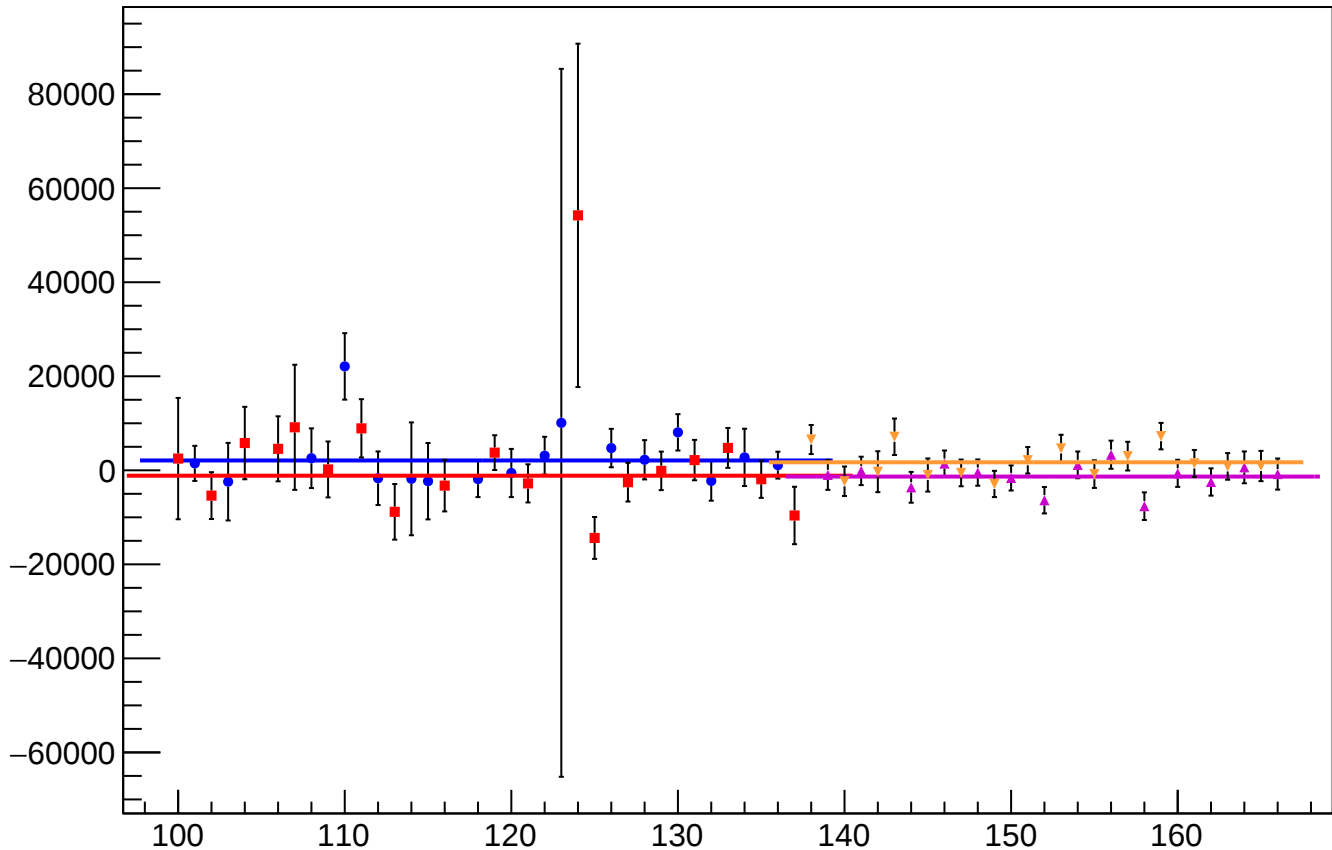
Left In: 783.588 ± 0.175 χ^2/NDF : 1410801.6/13

+ sign 824.526 ± 0.147 χ^2/NDF : 3805588.3/31

All: 825.545 ± 0.105 χ^2/NDF : 8108642.8/64

- sign 826.594 ± 0.150 χ^2/NDF : 4302957.5/32

asym_atl1_mean vs Slug



Right In: 2094.050+/-1160.426 χ^2/NDF : 14.6/16

Left Out: 1706.248+/-791.720 χ^2/NDF : 16.3/14

Right Out: -1147.788+/-1187.007 χ^2/NDF : 25.1/18

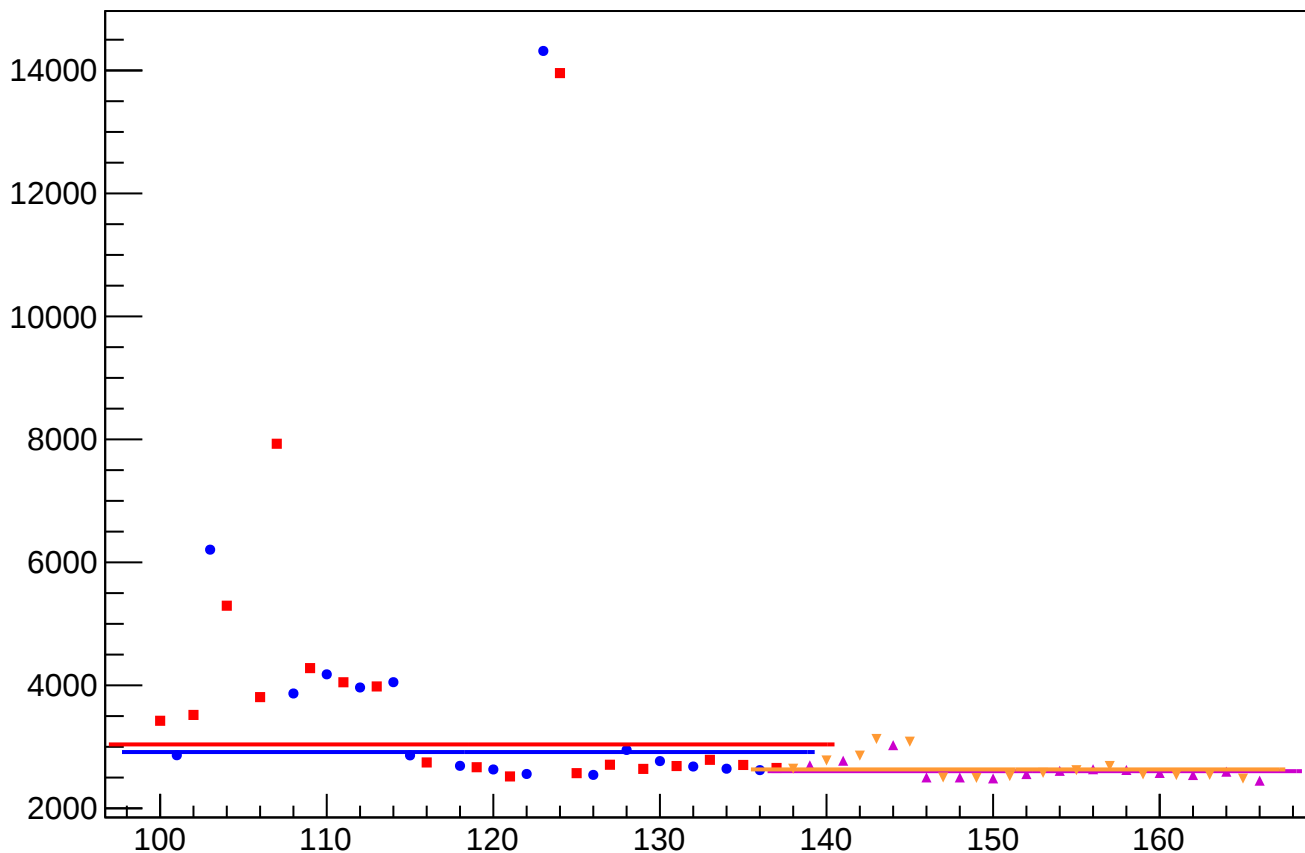
Left In: -1331.956+/-792.092 χ^2/NDF : 13.3/13

+ sign 1829.427+/-654.004 χ^2/NDF : 31.0/31

All: 288.608+/-464.161 χ^2/NDF : 80.6/64

- sign -1275.214+/-658.867 χ^2/NDF : 38.5/32

asym_atl1_rms vs Slug



Right In: 2915.201+/-0.821 χ^2 /NDF: 639136.4/16

Left Out: 2632.627+/-0.560 χ^2 /NDF:98597.2/14

Right Out: 3039.139+/-0.839 χ^2 /NDF: 1011383.0/18

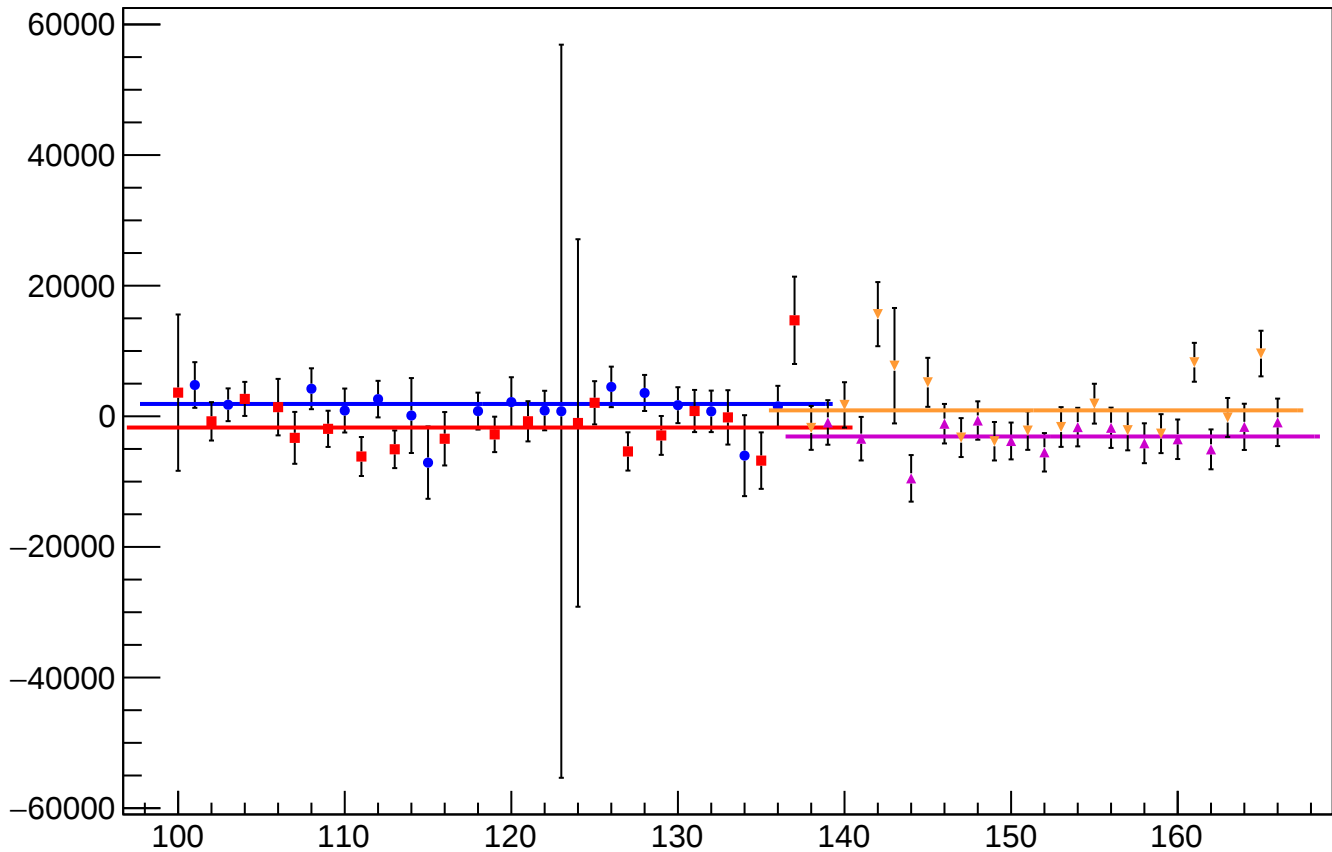
Left In: 2604.140+/-0.560 χ^2 /NDF:56983.6/13

+ sign 2722.382+/-0.462 χ^2 /NDF: 818657.4/31

All: 2730.214+/-0.328 χ^2 /NDF: 2073444.6/64

- sign 2738.162+/-0.466 χ^2 /NDF: 1254209.3/32

reg_asym_atl2_mean vs Slug



Right In: 1889.943 ± 811.431 χ^2/NDF : 7.3/16

Left Out: 909.539 ± 851.312 χ^2/NDF : 32.9/14

Right Out: -1719.130 ± 790.110 χ^2/NDF : 19.0/18

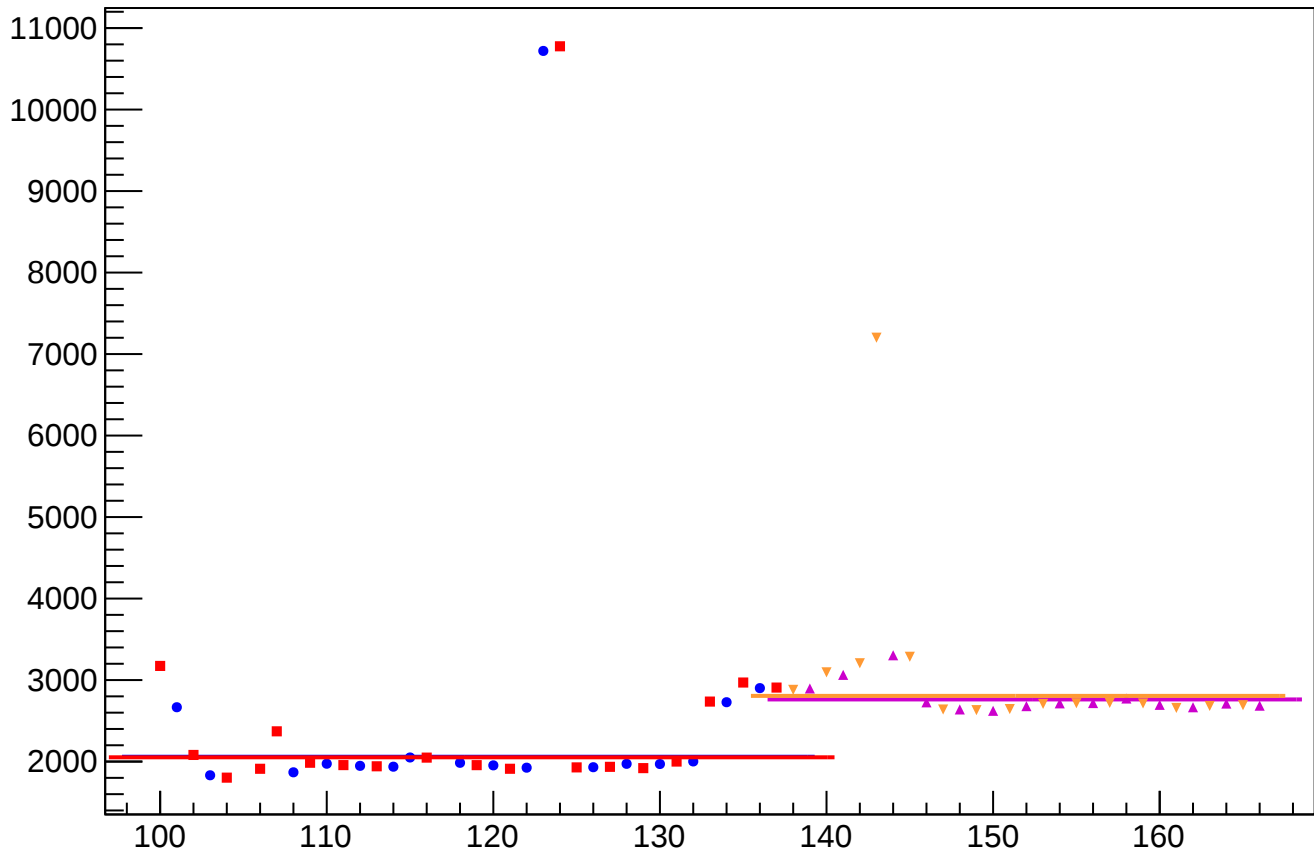
Left In: -3090.599 ± 839.294 χ^2/NDF : 7.0/13

+ sign 1423.242 ± 587.361 χ^2/NDF : 40.9/31

All: -509.428 ± 410.994 χ^2/NDF : 89.4/64

- sign -2363.504 ± 575.294 χ^2/NDF : 27.4/32

reg_asym_atl2_rms vs Slug



Right In: 2058.963+/-0.574 χ^2/NDF : 318561.5/16

Left Out: 2805.898+/-0.602 χ^2/NDF : 592589.0/14

Right Out: 2052.260+/-0.559 χ^2/NDF : 443321.6/18

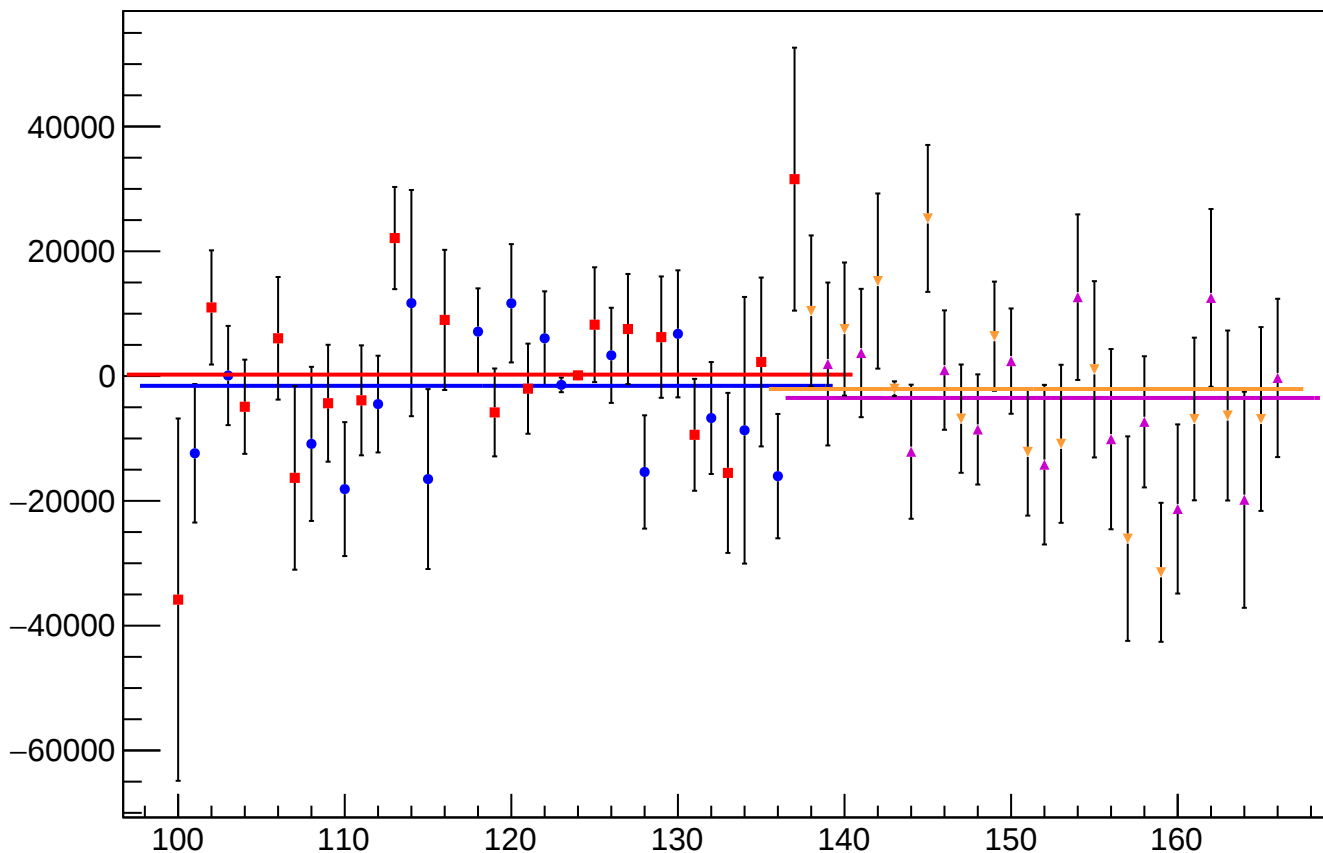
Left In: 2762.199+/-0.593 χ^2/NDF : 81027.0/13

+ sign 2414.525+/-0.415 χ^2/NDF : 1717874.8/31

All: 2399.873+/-0.291 χ^2/NDF : 3003329.6/64

- sign 2385.817+/-0.407 χ^2/NDF : 1283016.4/32

asym_atl2_correction_mean vs Slug



Right In: -1563.218 $\pm$ 1053.946 χ^2 /NDF: 16.2/16

Left Out: -2070.733 $\pm$ 1105.864 χ^2 /NDF:21.0/14

Right Out: 236.197 $\pm$ 695.167 χ^2 /NDF: 20.8/18

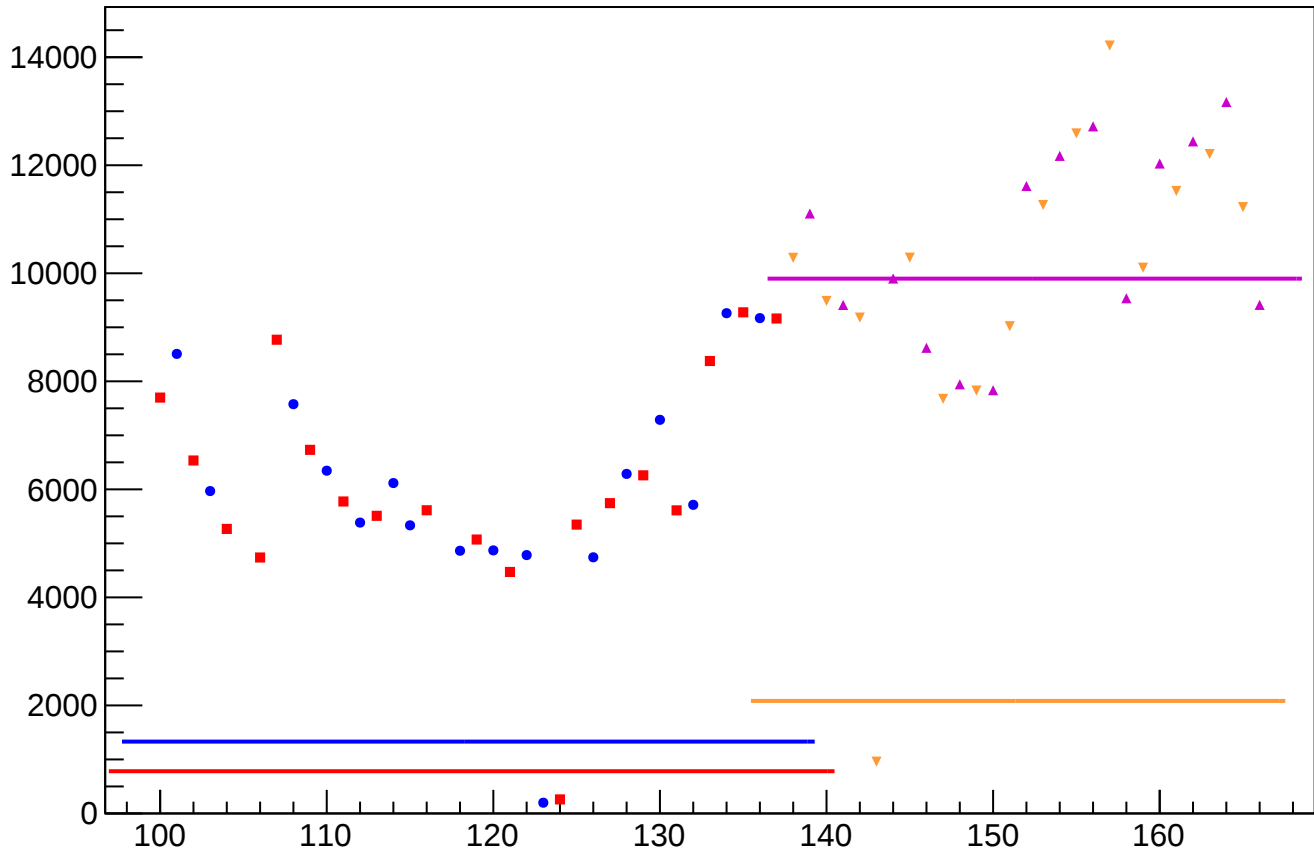
Left In: -3503.590 $\pm$ 3052.332 χ^2 /NDF:8.8/13

+ sign -1804.783 $\pm$ 762.946 χ^2 /NDF: 37.3/31

All: -767.177 $\pm$ 506.722 χ^2 /NDF: 71.6/64

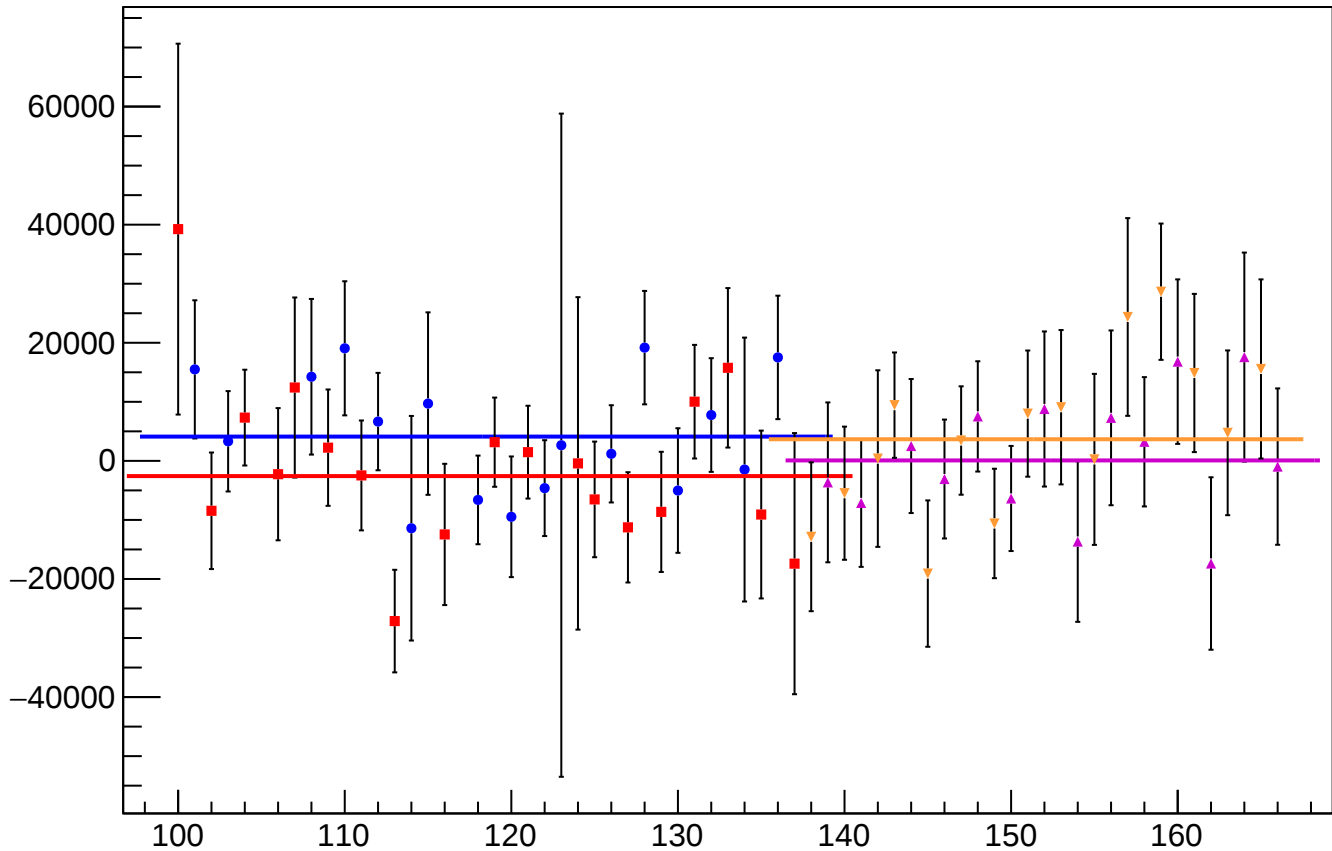
- sign 51.781 $\pm$ 677.811 χ^2 /NDF: 31.0/32

asym_atl2_correction_rms vs Slug



Right In: 1330.250+/-0.745	χ^2/NDF : 10046828.9/16	+ sign 1688.545+/-0.539	χ^2/NDF : 25534224.9/31
Left Out: 2083.009+/-0.782	χ^2/NDF : 15001783.0/14	All: 1433.124+/-0.358	χ^2/NDF : 54981778.5/6
Right Out: 781.848+/-0.492	χ^2/NDF : 11439893.7/18	- sign 1231.526+/-0.479	χ^2/NDF : 29046471.7/32
Left In: 9900.876+/-2.158	χ^2/NDF : 635802.9/13		

asym_atl2_mean vs Slug



Right In: 4111.784 $\pm$ 2534.444 χ^2 /NDF: 14.3/16

Left Out: 3663.234 $\pm$ 3060.760 χ^2 /NDF:16.5/14

Right Out: -2577.719 $\pm$ 2420.480 χ^2 /NDF: 20.0/18

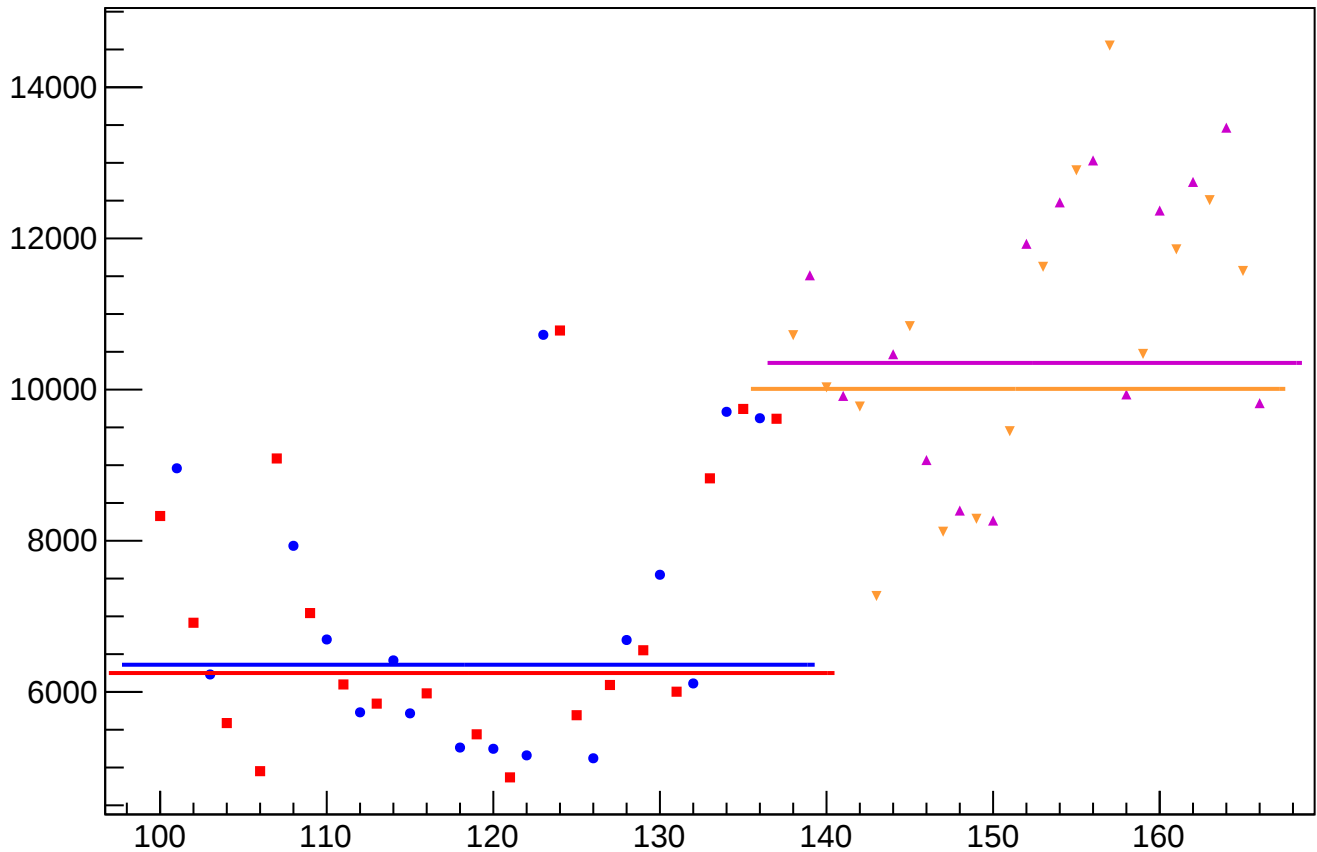
Left In: 75.925 $\pm$ 3185.154 χ^2 /NDF:7.5/13

+ sign 3929.332 $\pm$ 1952.082 χ^2 /NDF: 30.9/31

All: 1125.974 $\pm$ 1371.436 χ^2 /NDF: 62.8/64

- sign -1606.272 $\pm$ 1927.164 χ^2 /NDF: 27.8/32

asym_atl2_rms vs Slug



Right In: 6359.928 ± 1.792 χ^2/NDF : 580471.0/16

Left Out: 10009.731 ± 2.164 χ^2/NDF : 747512.5/14

Right Out: 6250.049 ± 1.711 χ^2/NDF : 532966.2/18

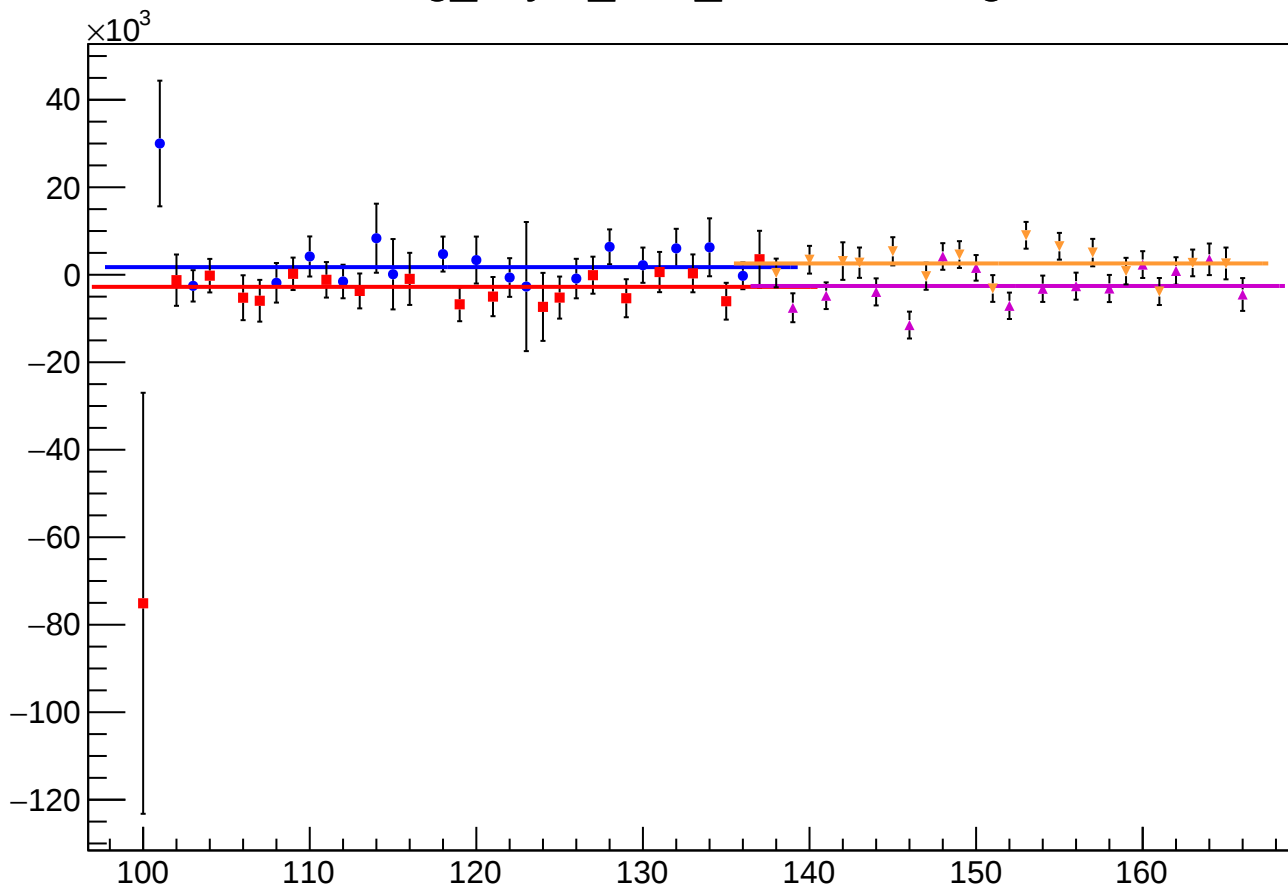
Left In: 10353.115 ± 2.252 χ^2/NDF : 554882.5/13

+ sign 7844.512 ± 1.380 χ^2/NDF : 3015091.4/31

All: 7797.667 ± 0.970 χ^2/NDF : 6209162.8/64

- sign 7752.013 ± 1.363 χ^2/NDF : 3191797.1/32

reg_asym_atr1_mean vs Slug



Right In: 1746.001 $\pm$ 1128.522 χ^2 /NDF: 12.2/16

Left Out: 2588.036 $\pm$ 828.546 χ^2 /NDF:17.5/14

Right Out: -2763.863 $\pm$ 1071.947 χ^2 /NDF: 9.7/18

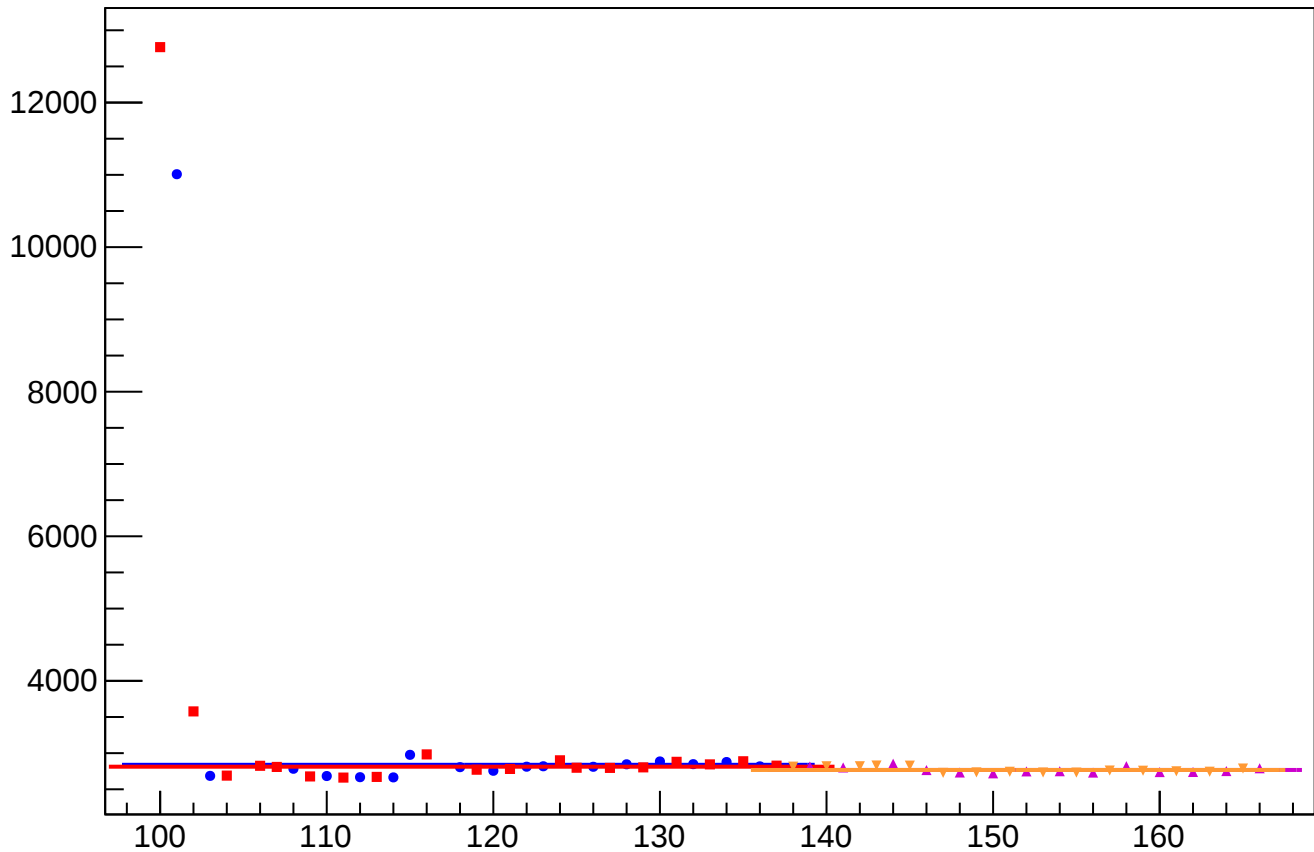
Left In: -2563.813 $\pm$ 839.225 χ^2 /NDF:27.6/13

+ sign 2293.121 $\pm$ 667.872 χ^2 /NDF: 30.1/31

All: -199.607 $\pm$ 469.737 χ^2 /NDF: 94.9/64

- sign -2639.834 $\pm$ 660.801 χ^2 /NDF: 37.3/32

reg_asym_atr1_rms vs Slug



Right In: 2838.737+/-0.798 χ^2/NDF : 660209.3/16

Left Out: 2767.347+/-0.586 χ^2/NDF : 4051.4/14

Right Out: 2812.627+/-0.758 χ^2/NDF : 133064.0/18

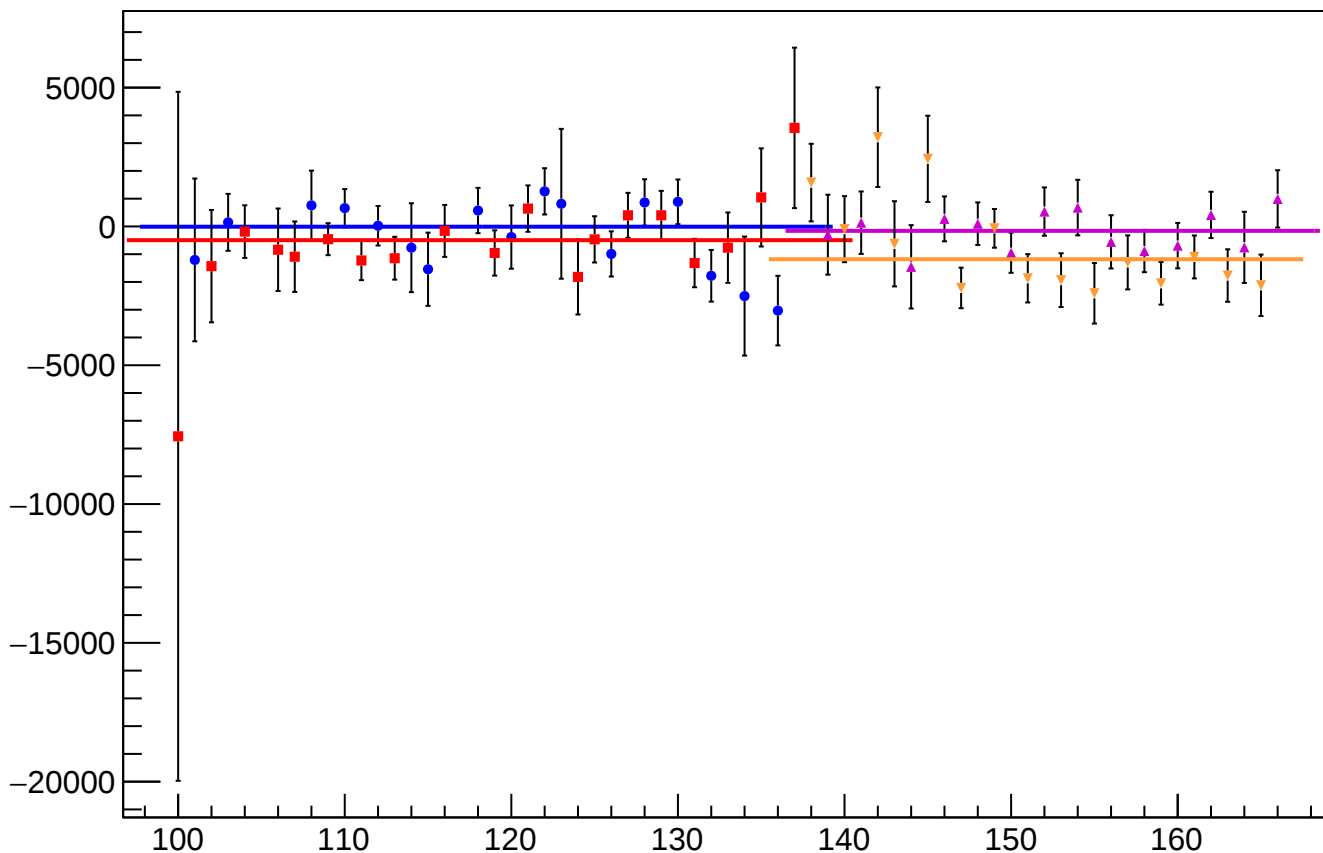
Left In: 2767.500+/-0.593 χ^2/NDF : 4469.9/13

+ sign 2792.351+/-0.472 χ^2/NDF : 669461.2/31

All: 2788.459+/-0.332 χ^2/NDF : 809327.2/64

- sign 2784.649+/-0.467 χ^2/NDF : 139731.6/32

asym_atr1_correction_mean vs Slug



Right In: -9.845 ± 241.678 χ^2/NDF : 20.7/16

Left Out: -1181.176 ± 250.789 χ^2/NDF : 25.7/14

Right Out: -495.250 ± 221.487 χ^2/NDF : 11.9/18

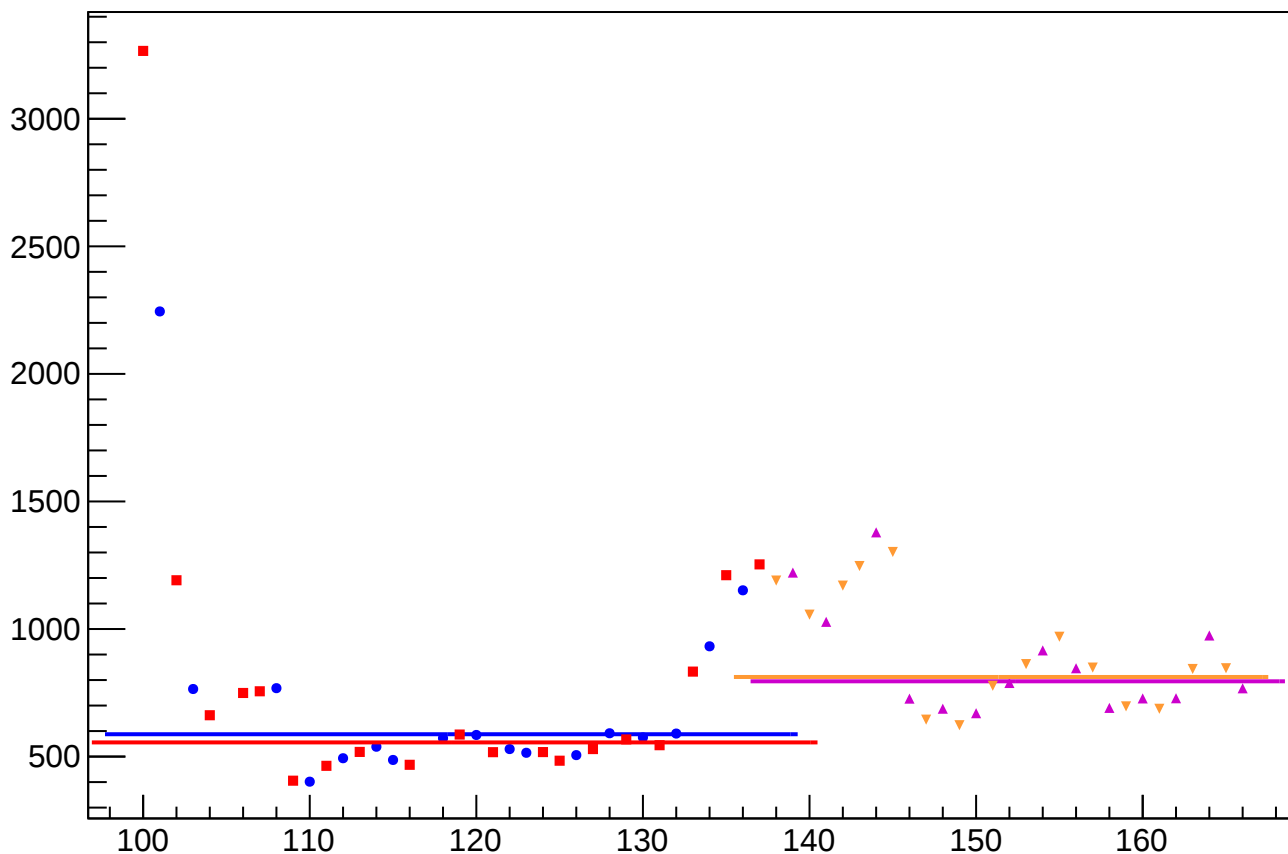
Left In: -159.185 ± 246.378 χ^2/NDF : 7.2/13

+ sign -573.848 ± 174.024 χ^2/NDF : 57.8/31

All: -453.163 ± 119.626 χ^2/NDF : 78.8/64

- sign -345.046 ± 164.714 χ^2/NDF : 20.1/32

asym_atr1_correction_rms vs Slug



Right In: 587.596+/-0.171 χ^2/NDF : 1425769.6/16

Left Out: 812.016+/-0.177 χ^2/NDF : 1076872.9/14

Right Out: 555.534+/-0.157 χ^2/NDF : 1106760.5/18

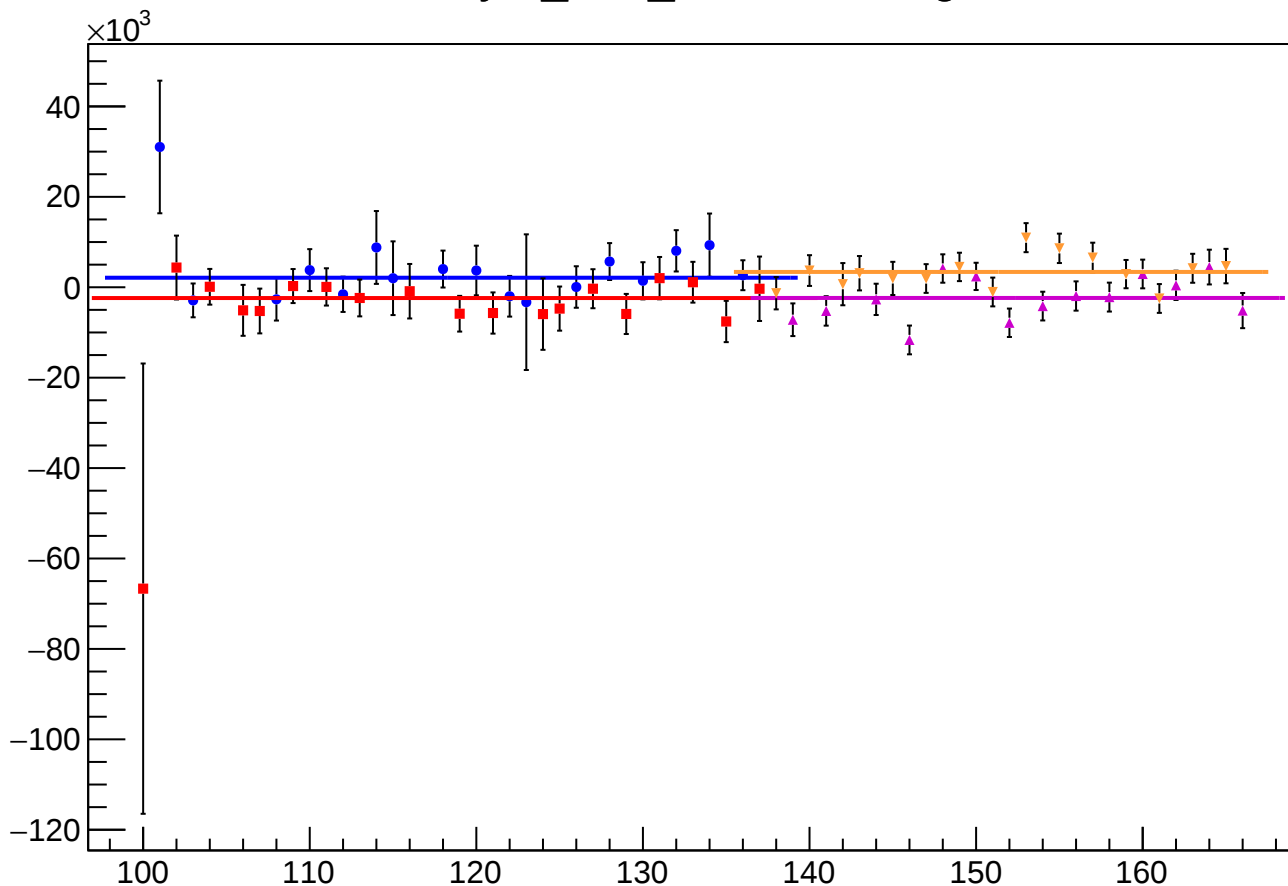
Left In: 795.045+/-0.174 χ^2/NDF : 816248.9/13

+ sign 695.656+/-0.123 χ^2/NDF : 3333027.4/31

All: 678.211+/-0.085 χ^2/NDF : 6339441.4/64

- sign 662.583+/-0.116 χ^2/NDF : 2968312.1/32

asym_atr1_mean vs Slug



Right In: 2108.498 $\pm$ 1164.336 χ^2 /NDF: 13.5/16

Left Out: 3389.163 $\pm$ 875.839 χ^2 /NDF:17.2/14

Right Out: -2385.851 $\pm$ 1110.248 χ^2 /NDF: 9.9/18

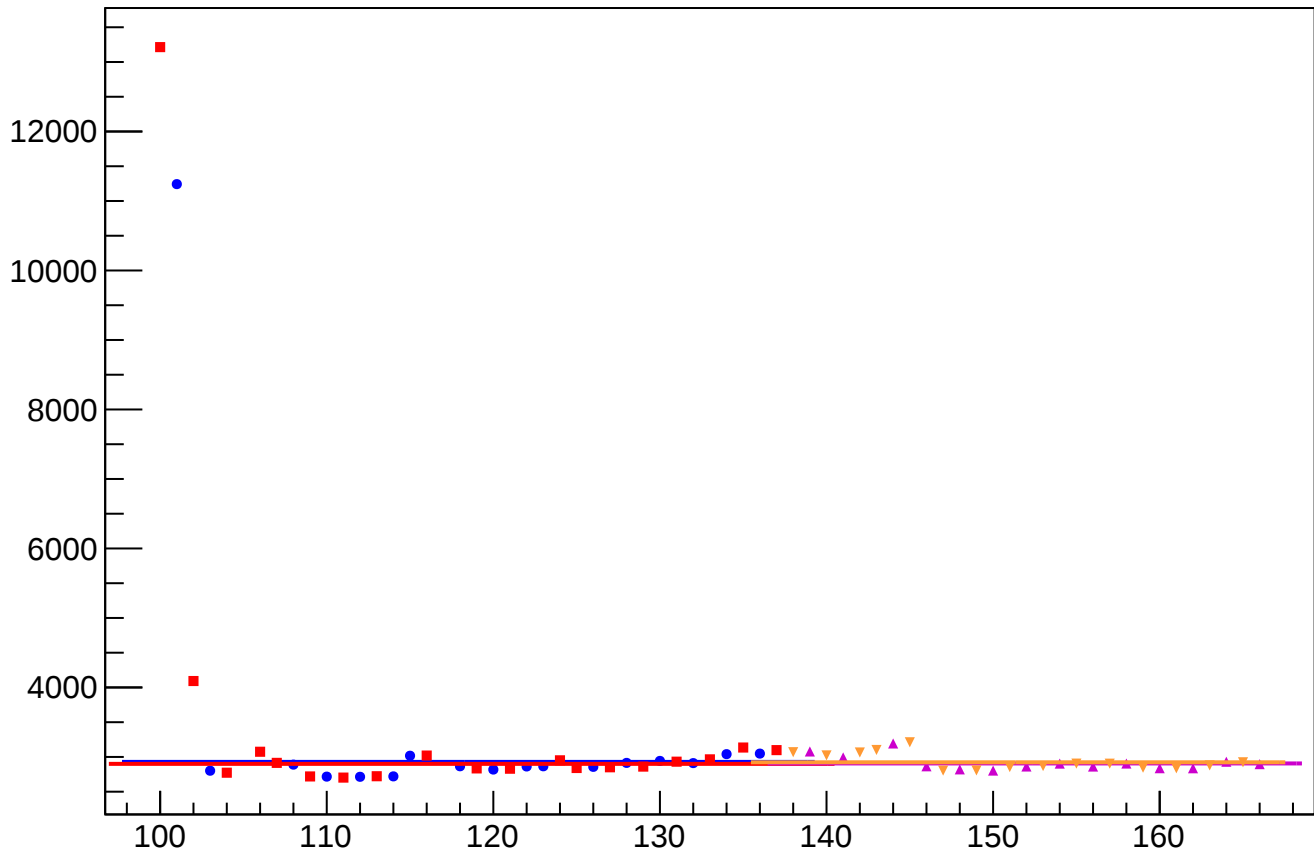
Left In: -2366.792 $\pm$ 881.817 χ^2 /NDF:28.5/13

+ sign 2926.376 $\pm$ 699.924 χ^2 /NDF: 31.4/31

All: 240.239 $\pm$ 491.561 χ^2 /NDF: 98.9/64

- sign -2374.164 $\pm$ 690.515 χ^2 /NDF: 38.4/32

asym_atr1_rms vs Slug



Right In: 2928.700 $\pm$ 0.823 χ^2 /NDF: 662362.9/16

Left Out: 2922.911 $\pm$ 0.619 χ^2 /NDF: 33890.5/14

Right Out: 2900.472 $\pm$ 0.785 χ^2 /NDF: 169720.6/18

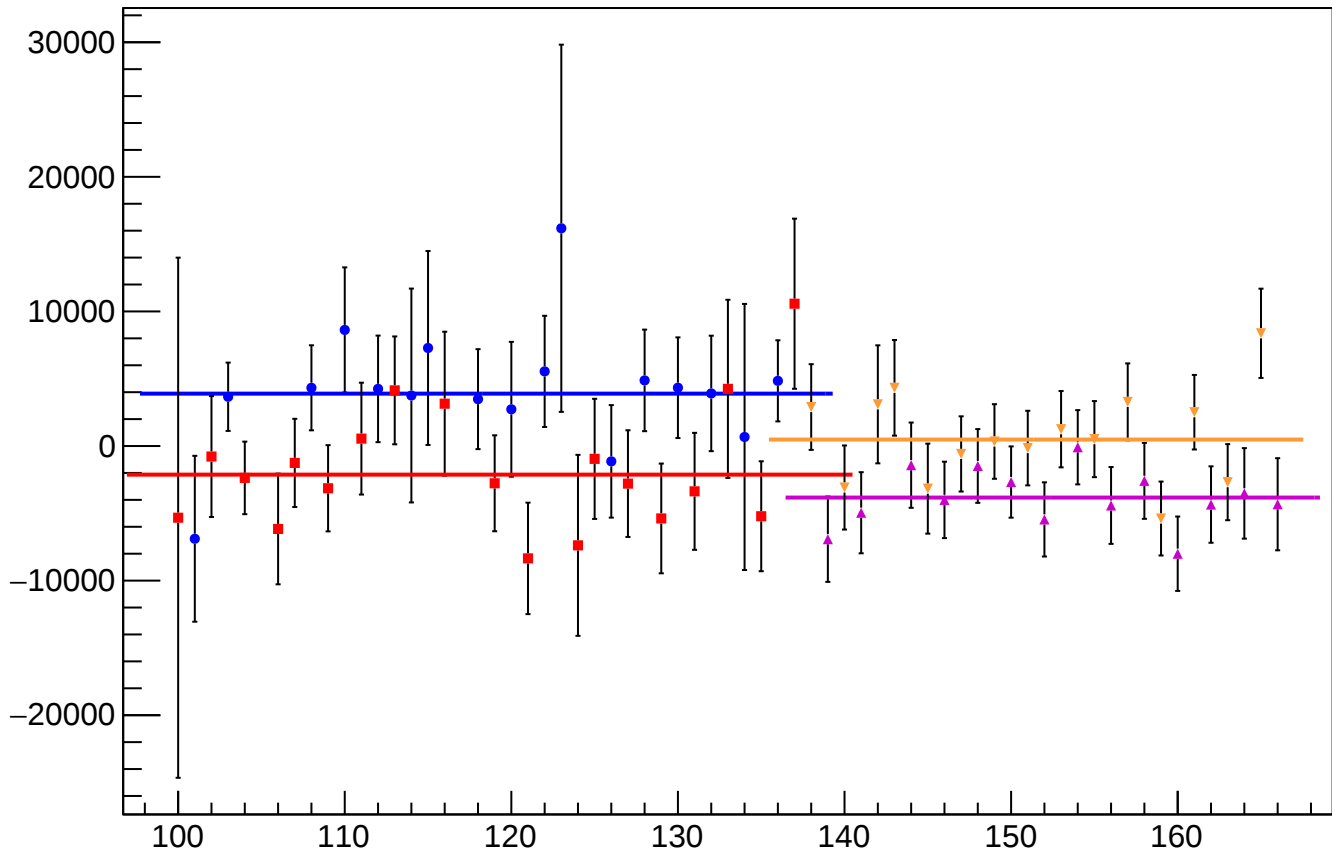
Left In: 2906.475 $\pm$ 0.624 χ^2 /NDF: 26583.4/13

+ sign 2925.003 $\pm$ 0.495 χ^2 /NDF: 696285.0/31

All: 2914.437 $\pm$ 0.348 χ^2 /NDF: 893524.2/64

- sign 2904.153 $\pm$ 0.488 χ^2 /NDF: 196339.9/32

reg_asym_atr2_mean vs Slug



Right In: 3892.504 ± 1011.718 χ^2/NDF : 7.1/16

Left Out: 481.379 ± 775.775 χ^2/NDF : 17.9/14

Right Out: -2124.700 ± 958.418 χ^2/NDF : 14.3/18

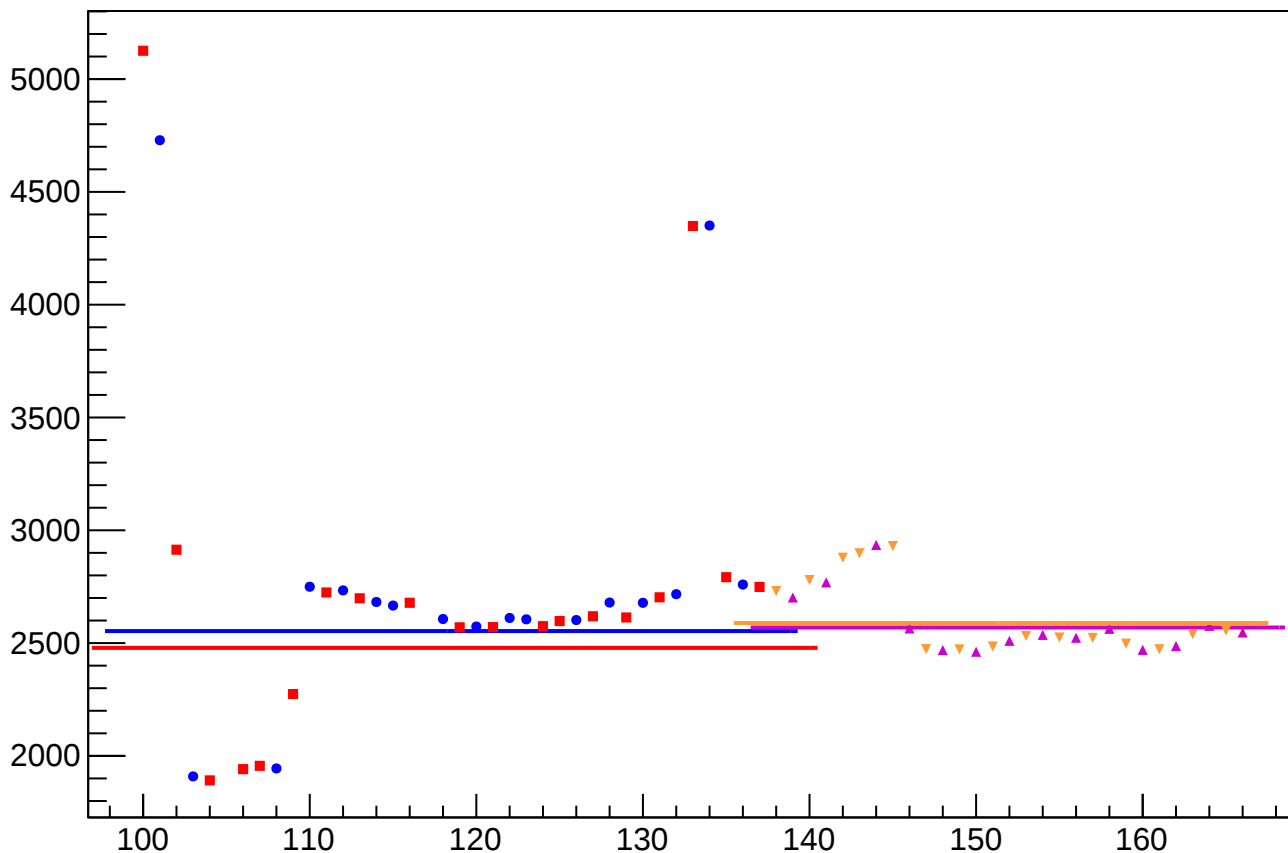
Left In: -3829.791 ± 778.693 χ^2/NDF : 7.4/13

+ sign 1744.394 ± 615.623 χ^2/NDF : 32.1/31

All: -748.892 ± 431.275 χ^2/NDF : 88.0/64

- sign -3151.790 ± 604.361 χ^2/NDF : 23.6/32

reg_asym_atr2_rms vs Slug



Right In: 2553.280+/-0.715 χ^2/NDF : 545226.9/16

Left Out: 2589.111+/-0.549 χ^2/NDF : 75358.8/14

Right Out: 2478.860+/-0.678 χ^2/NDF : 449502.6/18

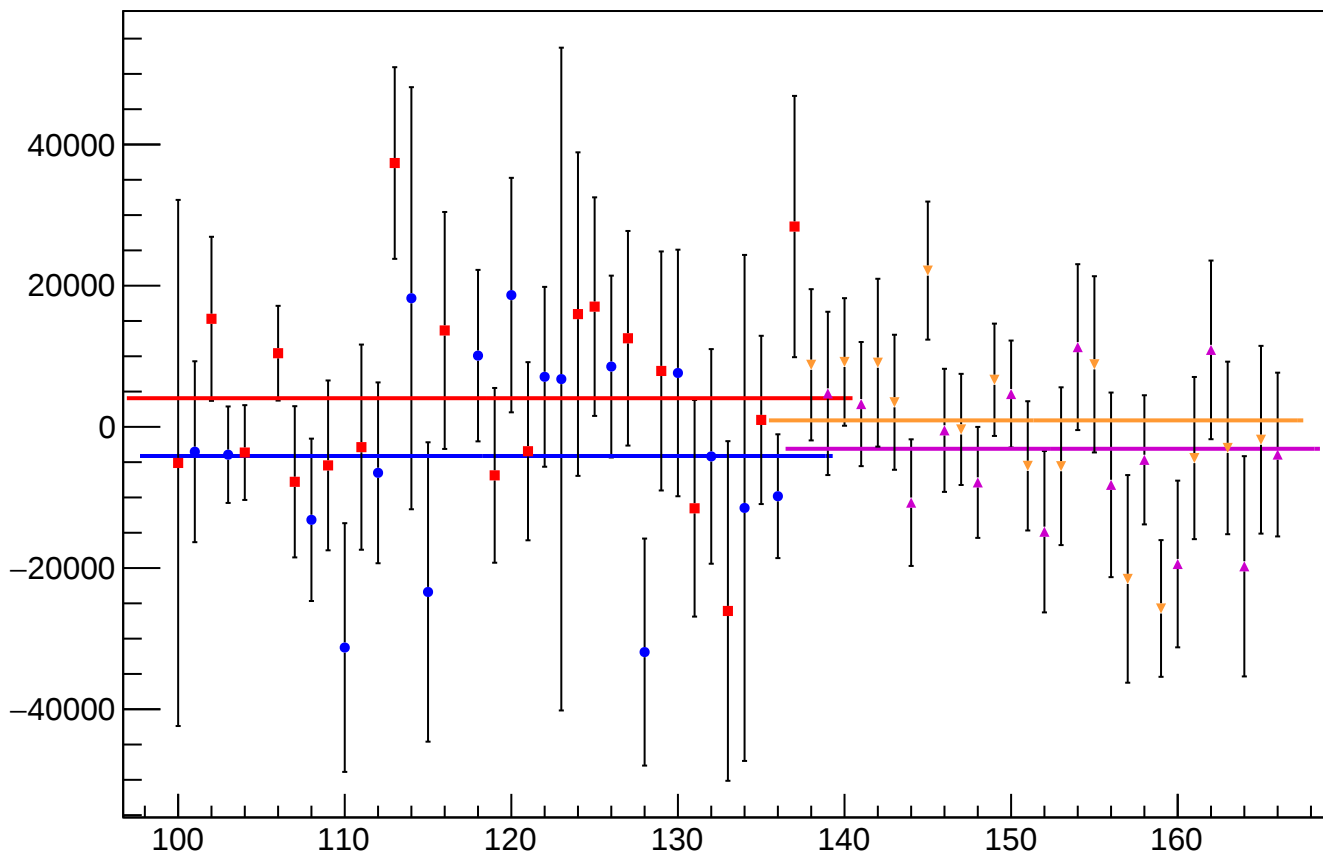
Left In: 2569.013+/-0.551 χ^2/NDF : 51051.2/13

+ sign 2575.844+/-0.435 χ^2/NDF : 622165.4/31

All: 2554.111+/-0.305 χ^2/NDF : 1138273.8/64

- sign 2533.165+/-0.427 χ^2/NDF : 511213.5/32

asym_atr2_correction_mean vs Slug



Right In: -4126.319 ± 3227.044 χ^2/NDF : 13.4/16

Left Out: 918.700 ± 2645.107 χ^2/NDF : 18.7/14

Right Out: 4060.328 ± 2834.326 χ^2/NDF : 18.5/18

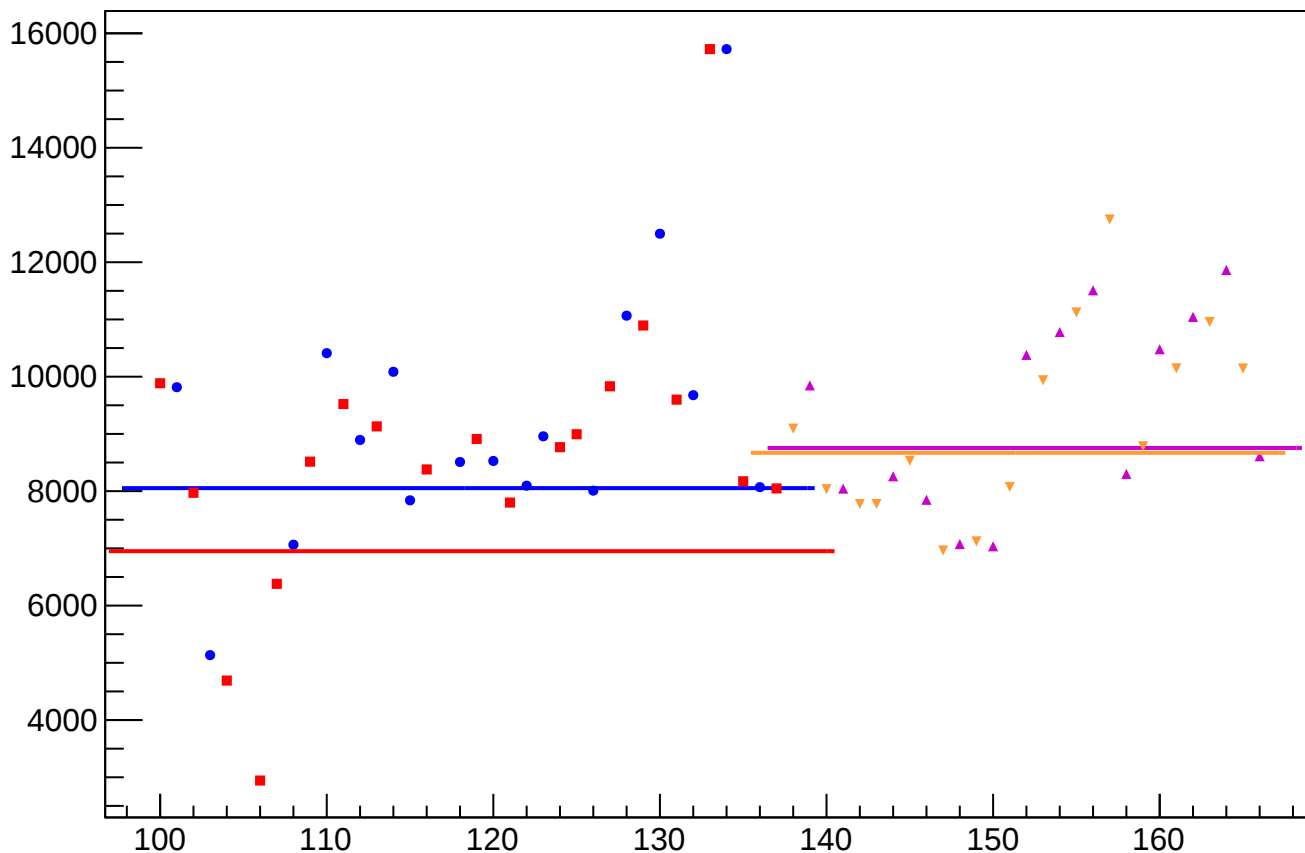
Left In: -3104.604 ± 2699.082 χ^2/NDF : 10.2/13

+ sign -1108.705 ± 2045.708 χ^2/NDF : 33.5/31

All: -370.798 ± 1413.224 χ^2/NDF : 65.8/64

- sign 302.846 ± 1954.603 χ^2/NDF : 32.1/32

asym_atr2_correction_rms vs Slug



Right In: 8052.552+/-2.282 χ^2/NDF : 790724.2/16

Left Out: 8669.723+/-1.870 χ^2/NDF : 604955.1/14

Right Out: 6950.943+/-2.004 χ^2/NDF : 1776578.9/18

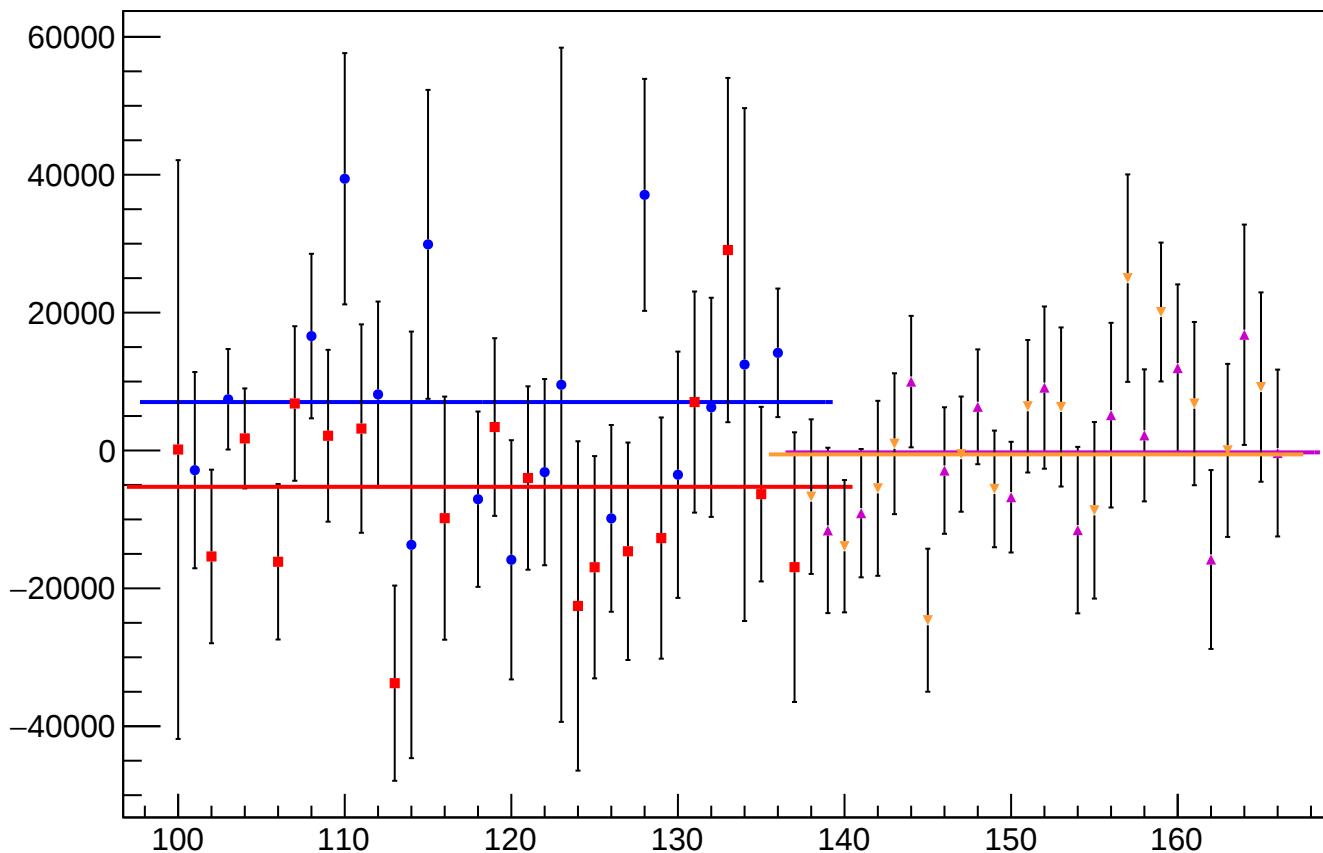
Left In: 8754.569+/-1.909 χ^2/NDF : 634407.8/13

+ sign 8421.705+/-1.447 χ^2/NDF : 1439434.9/31

All: 8147.311+/-0.999 χ^2/NDF : 4343978.4/64

- sign 7896.813+/-1.382 χ^2/NDF : 2835712.0/32

asym_atr2_mean vs Slug



Right In: 7025.400+/-3409.490 χ^2/NDF : 15.0/16

Left Out: -565.180+/-2777.104 χ^2/NDF : 17.4/14

Right Out: -5271.793+/-3168.195 χ^2/NDF : 13.4/18

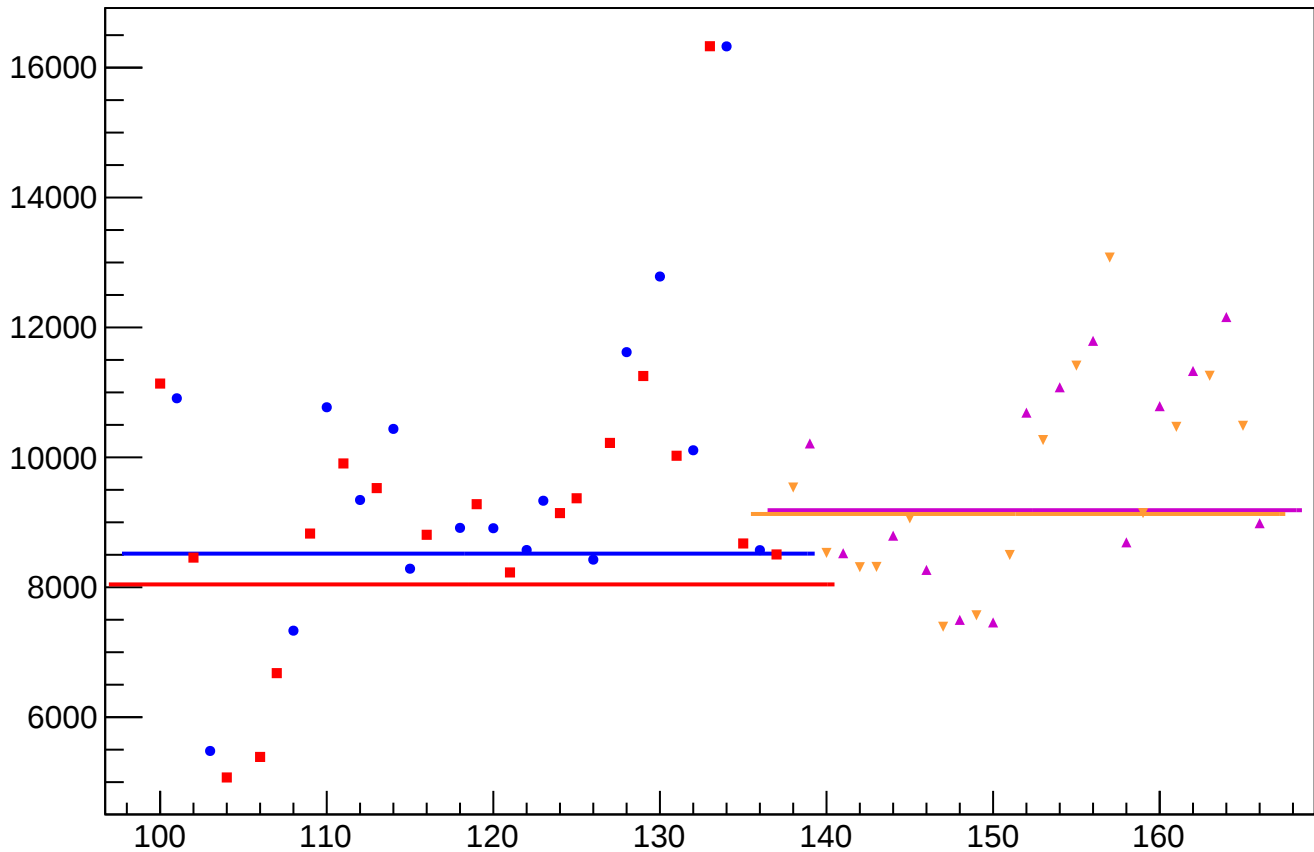
Left In: -273.866+/-2824.886 χ^2/NDF : 9.6/13

+ sign 2462.235+/-2153.217 χ^2/NDF : 35.4/31

All: -64.586+/-1506.483 χ^2/NDF : 62.5/64

- sign -2487.463+/-2108.464 χ^2/NDF : 24.4/32

asym_atr2_rms vs Slug



Right In: 8517.886+/-2.411 χ^2/NDF : 763281.4/16

Left Out: 9128.456+/-1.964 χ^2/NDF : 517876.8/14

Right Out: 8043.998+/-2.240 χ^2/NDF : 952125.8/18

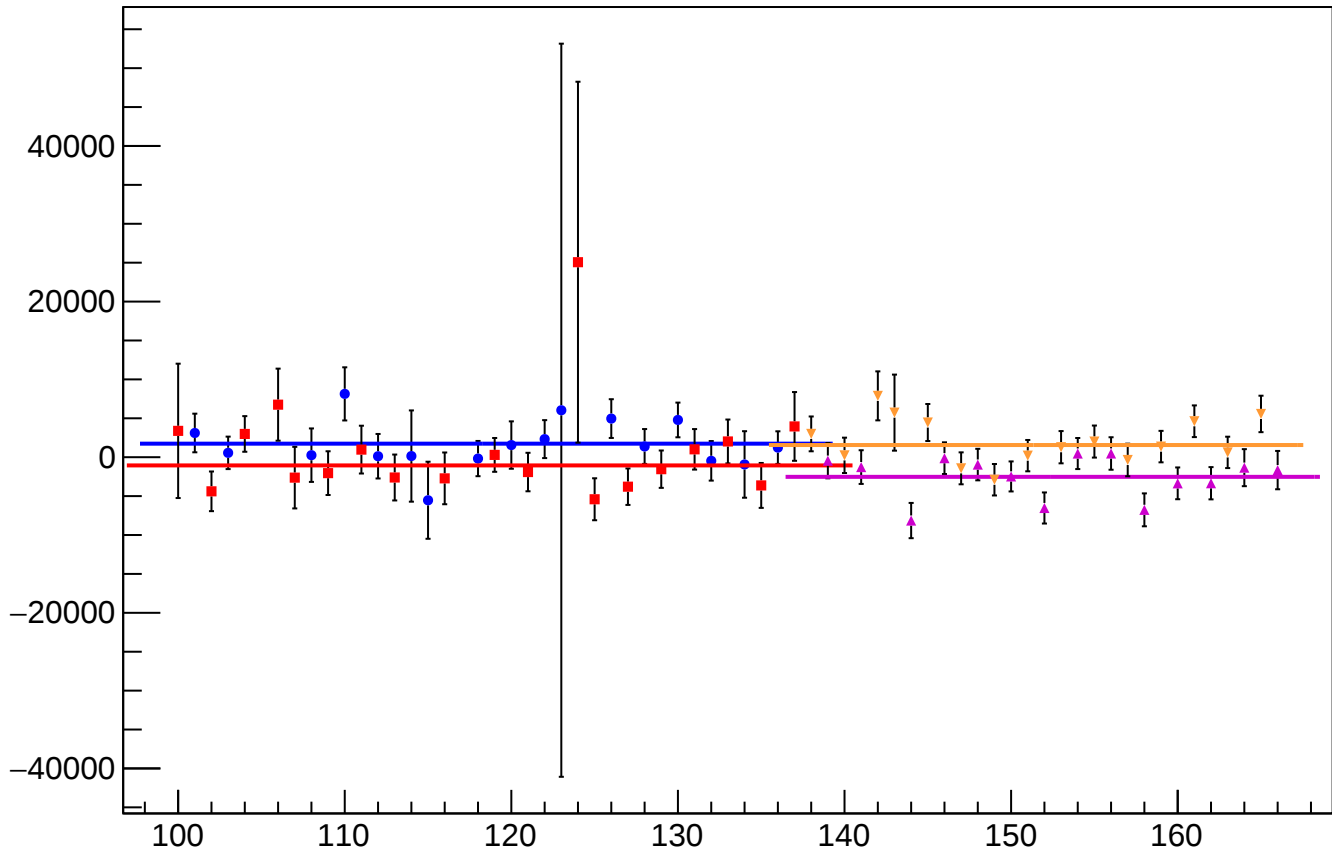
Left In: 9186.466+/-1.997 χ^2/NDF : 545079.6/13

+ sign 8884.937+/-1.523 χ^2/NDF : 1319716.0/31

All: 8780.542+/-1.065 χ^2/NDF : 2971021.8/64

- sign 8680.443+/-1.491 χ^2/NDF : 1642096.7/32

reg_asym_atl_avg_mean vs Slug



Right In: 1739.640 $\pm$ 670.395 χ^2/NDF : 12.4/16

Left Out: 1563.923 $\pm$ 572.443 χ^2/NDF : 20.7/14

Right Out: -1055.584 $\pm$ 670.984 χ^2/NDF : 18.9/18

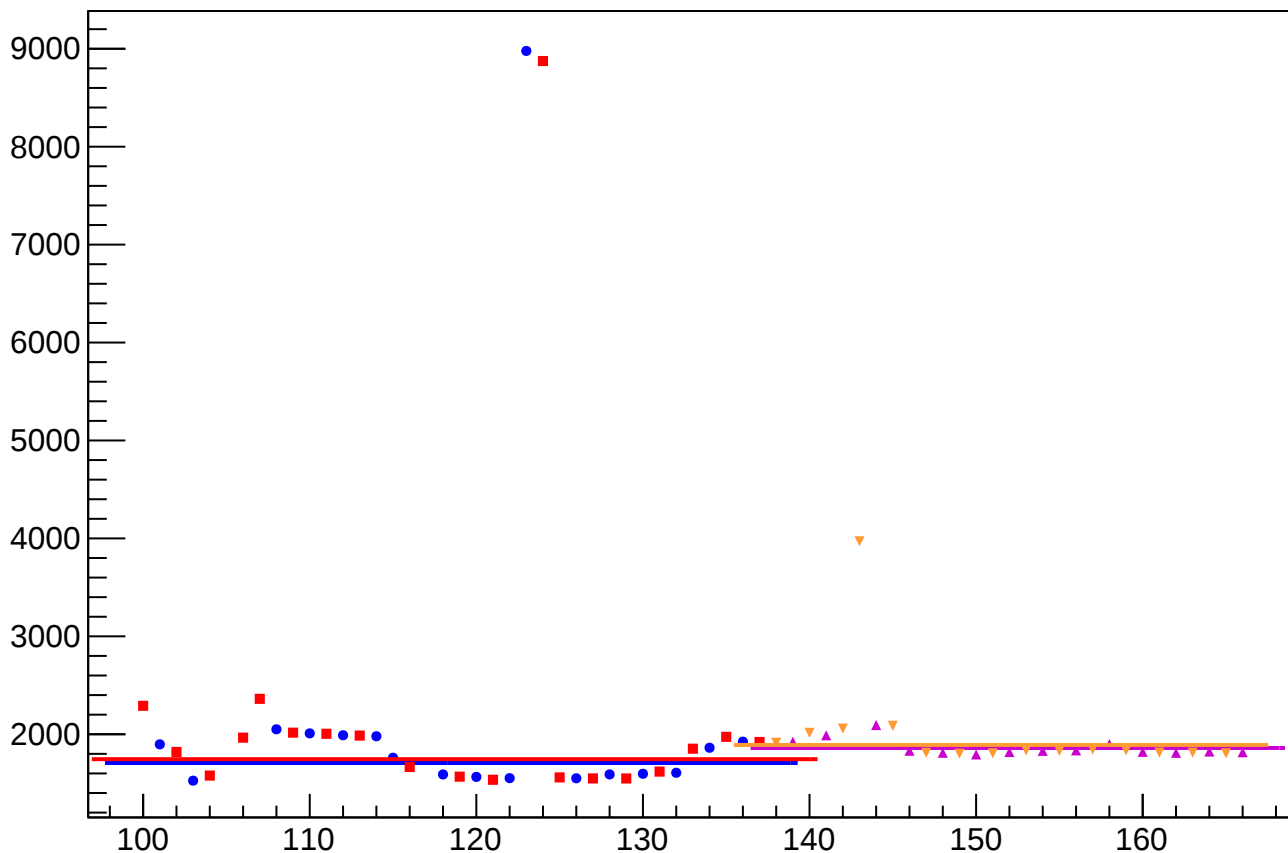
Left In: -2524.148 $\pm$ 565.766 χ^2/NDF : 22.4/13

+ sign 1638.018 $\pm$ 435.330 χ^2/NDF : 33.2/31

All: -149.404 $\pm$ 306.830 χ^2/NDF : 110.7/64

- sign -1913.908 $\pm$ 432.530 χ^2/NDF : 44.0/32

reg_asym_atl_avg_rms vs Slug



Right In: 1706.867+/-0.474 χ^2/NDF : 197555.1/16

Left Out: 1890.750+/-0.405 χ^2/NDF : 412235.0/14

Right Out: 1745.434+/-0.472 χ^2/NDF : 399811.9/18

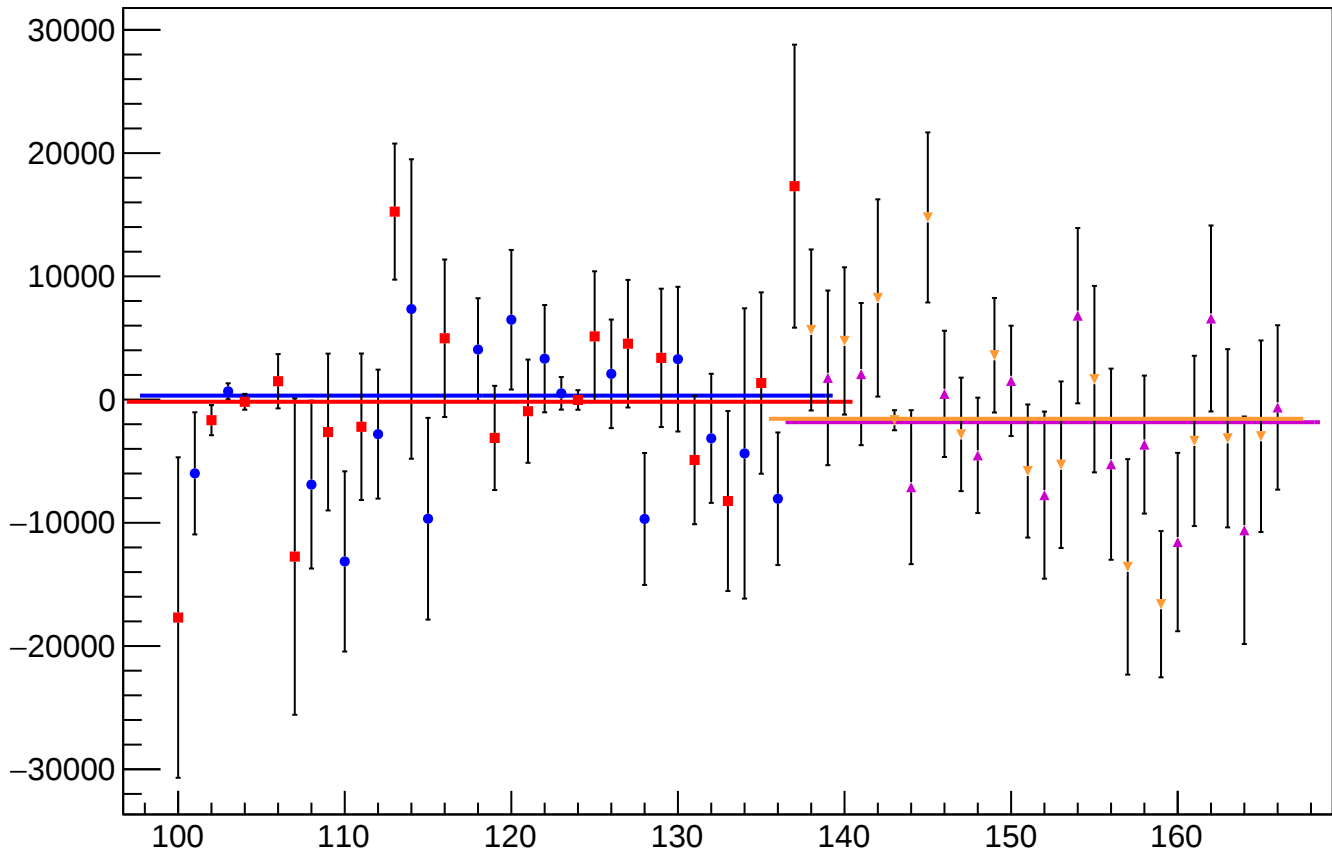
Left In: 1860.129+/-0.400 χ^2/NDF : 39261.7/13

+ sign 1813.211+/-0.308 χ^2/NDF : 696811.6/31

All: 1812.712+/-0.217 χ^2/NDF : 1170223.9/64

- sign 1812.220+/-0.305 χ^2/NDF : 473407.1/32

asym_atl_avg_correction_mean vs Slug



Right In: 320.899+/-540.384 χ^2/NDF : 18.0/16

Left Out: -1559.239+/-733.258 χ^2/NDF : 20.3/14

Right Out: -176.640+/-433.552 χ^2/NDF : 20.8/18

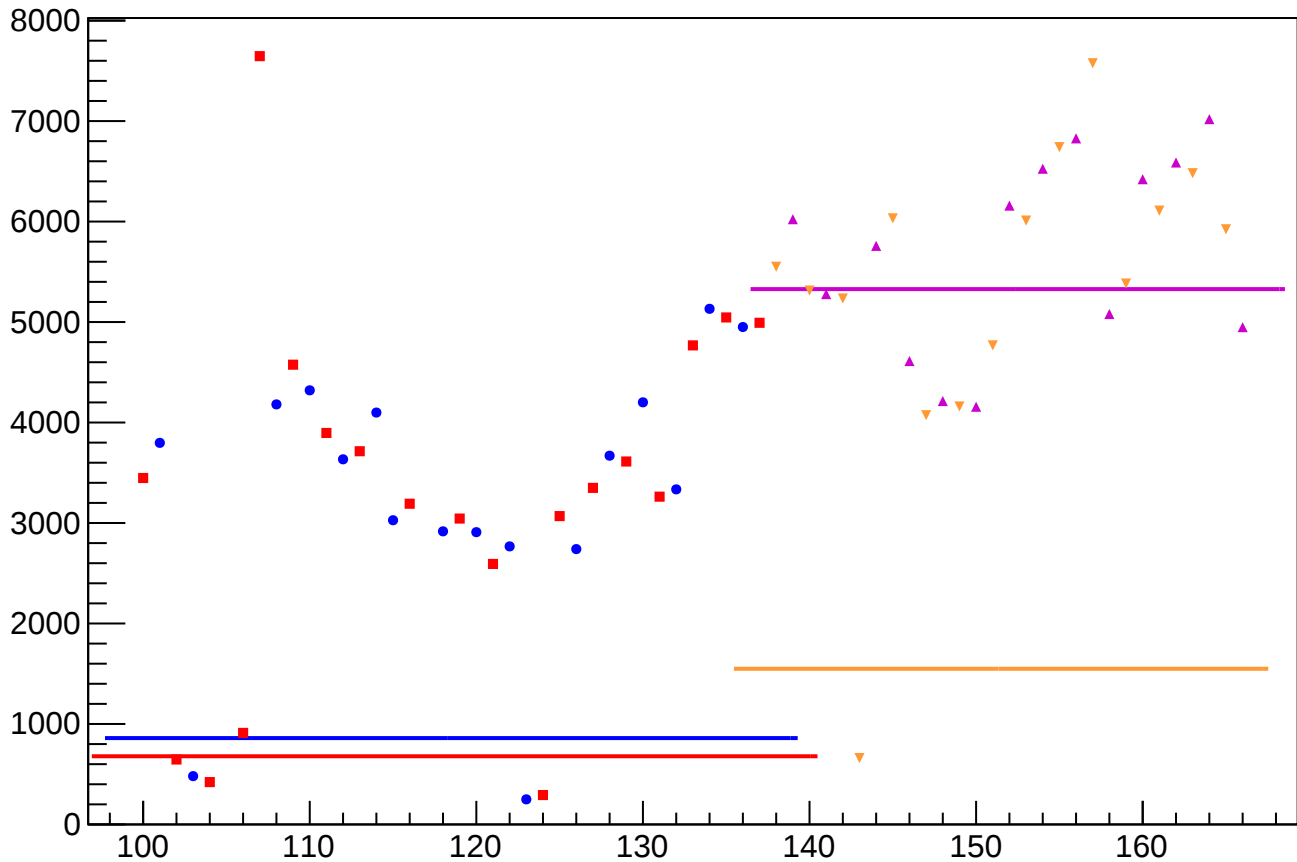
Left In: -1836.393+/-1643.731 χ^2/NDF : 9.0/13

+ sign -340.834+/-435.014 χ^2/NDF : 42.6/31

All: -311.676+/-301.860 χ^2/NDF : 73.4/64

- sign -284.598+/-419.214 χ^2/NDF : 30.8/32

asym_atl_avg_correction_rms vs Slug



Right In: 859.557 $\pm$ 0.382 χ^2 /NDF: 8143264.5/16

Left Out: 1549.336 $\pm$ 0.518 χ^2 /NDF:13167357.1/14

+ sign 1102.331 $\pm$ 0.308 χ^2 /NDF: 22457553.7/31

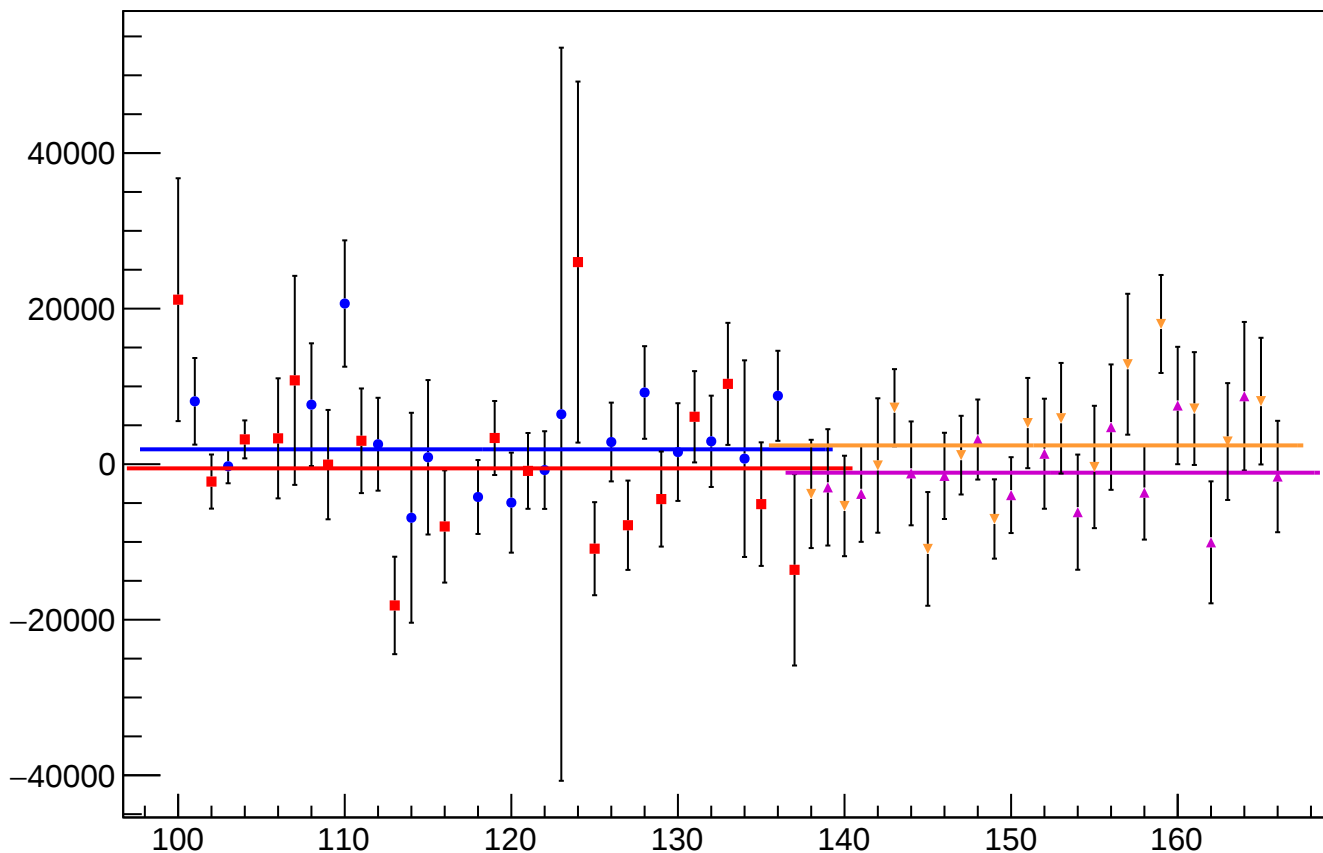
Right Out: 678.603 $\pm$ 0.307 χ^2 /NDF: 8384814.2/18

All: 1039.428 $\pm$ 0.213 χ^2 /NDF: 46541206.5/6

Left In: 5327.844 $\pm$ 1.162 χ^2 /NDF:658456.0/13

- sign 981.011 $\pm$ 0.296 χ^2 /NDF: 24002998.0/32

asym_atl_avg_mean vs Slug



Right In: 1909.348+/-1310.219 χ^2/NDF : 14.6/16

Left Out: 2413.749+/-1691.036 χ^2/NDF : 19.1/14

Right Out: -539.549+/-1285.817 χ^2/NDF : 26.4/18

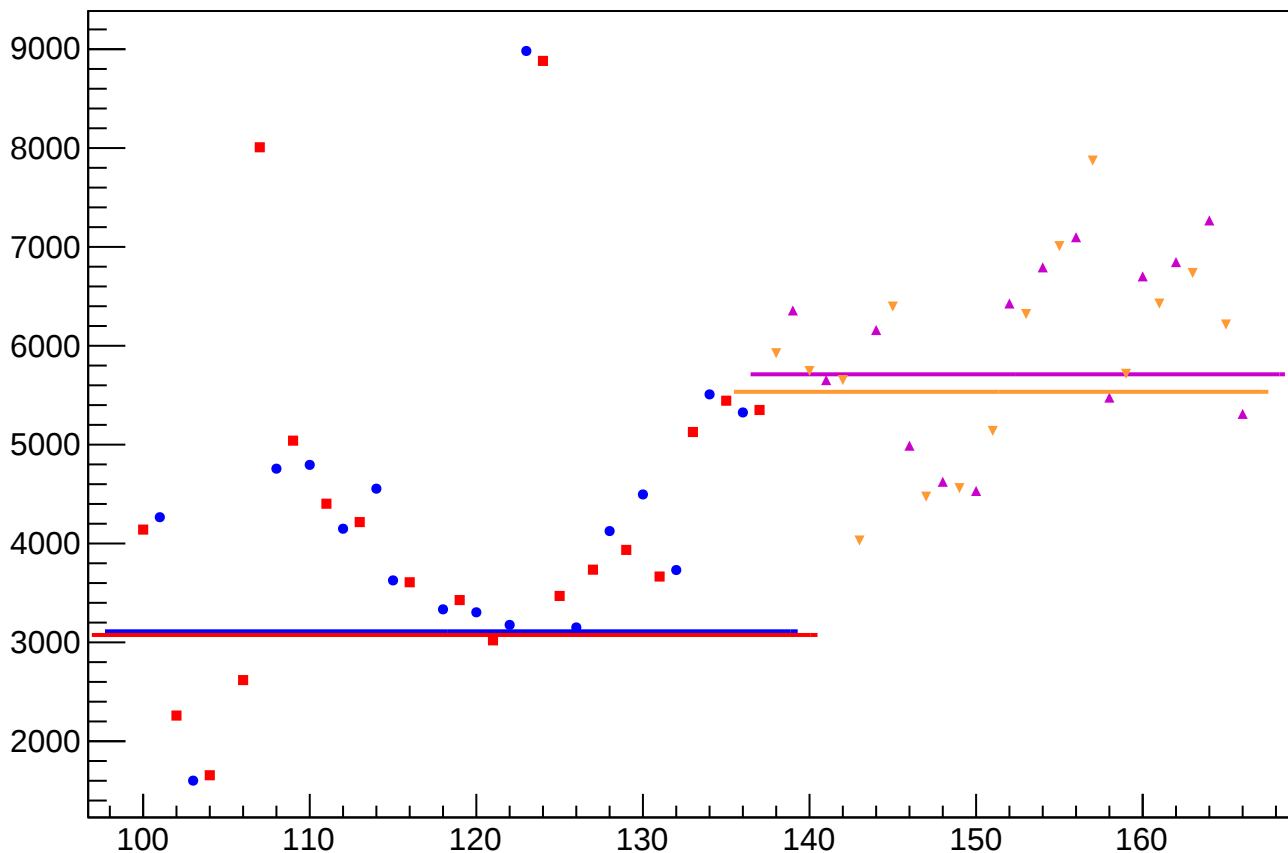
Left In: -1096.429+/-1756.398 χ^2/NDF : 6.3/13

+ sign 2098.561+/-1035.716 χ^2/NDF : 33.8/31

All: 684.803+/-732.996 χ^2/NDF : 70.2/64

- sign -733.861+/-1037.511 χ^2/NDF : 32.7/32

asym_atl_avg_rms vs Slug



Right In: 3111.825+/-0.926 χ^2/NDF : 1879558.6/16

Left Out: 5534.361+/-1.196 χ^2/NDF : 715875.3/14

Right Out: 3074.771+/-0.896 χ^2/NDF : 2005627.6/18

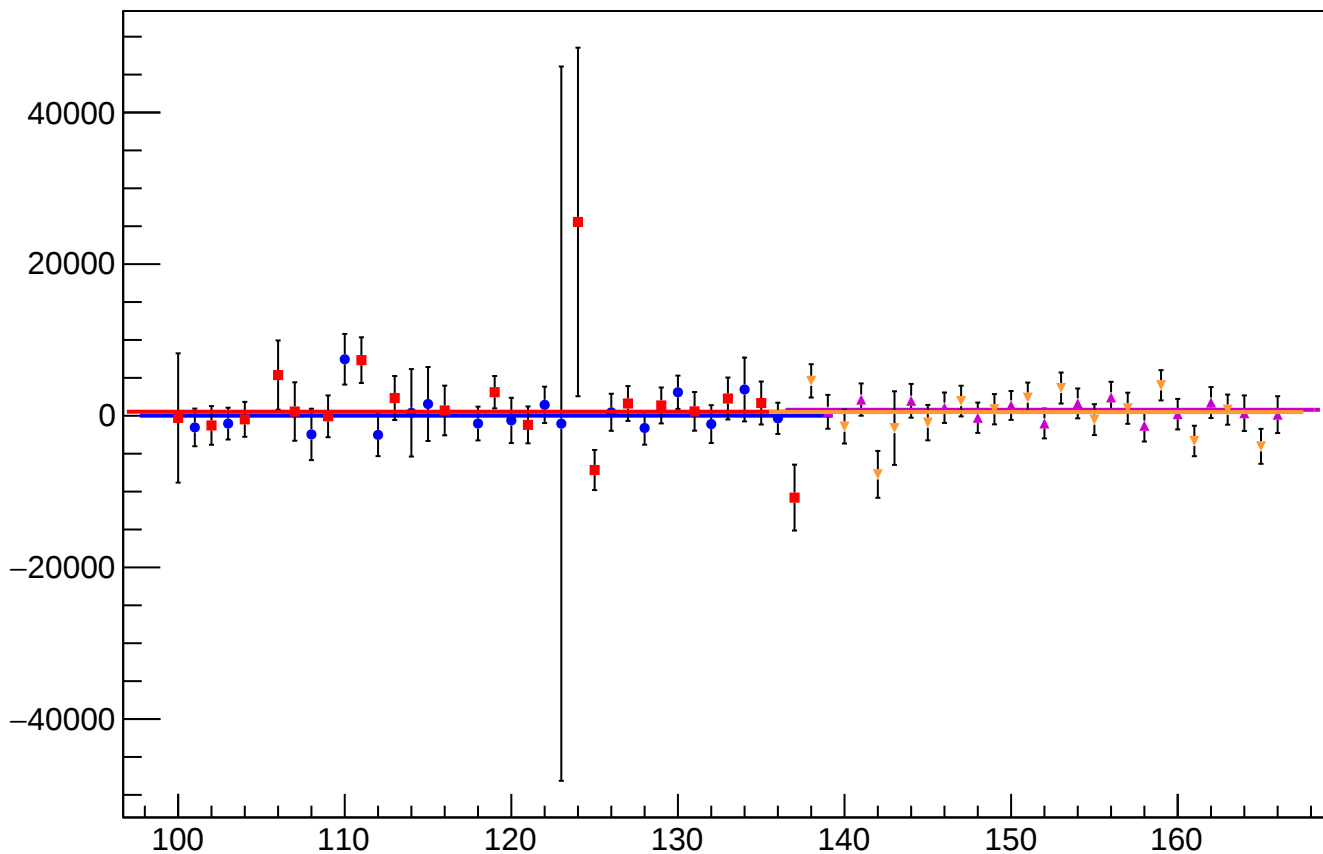
Left In: 5711.372+/-1.242 χ^2/NDF : 525490.1/13

+ sign 4020.572+/-0.732 χ^2/NDF : 5160272.7/31

All: 3998.808+/-0.516 χ^2/NDF : 10657121.2/6

- sign 3977.382+/-0.727 χ^2/NDF : 5495096.0/32

reg_asym_atl_dd_mean vs Slug



Right In: 14.118+/-661.101 χ^2/NDF : 11.1/16

Left Out: 488.786+/-563.857 χ^2/NDF : 26.6/14

Right Out: 537.476+/-661.143 χ^2/NDF : 26.7/18

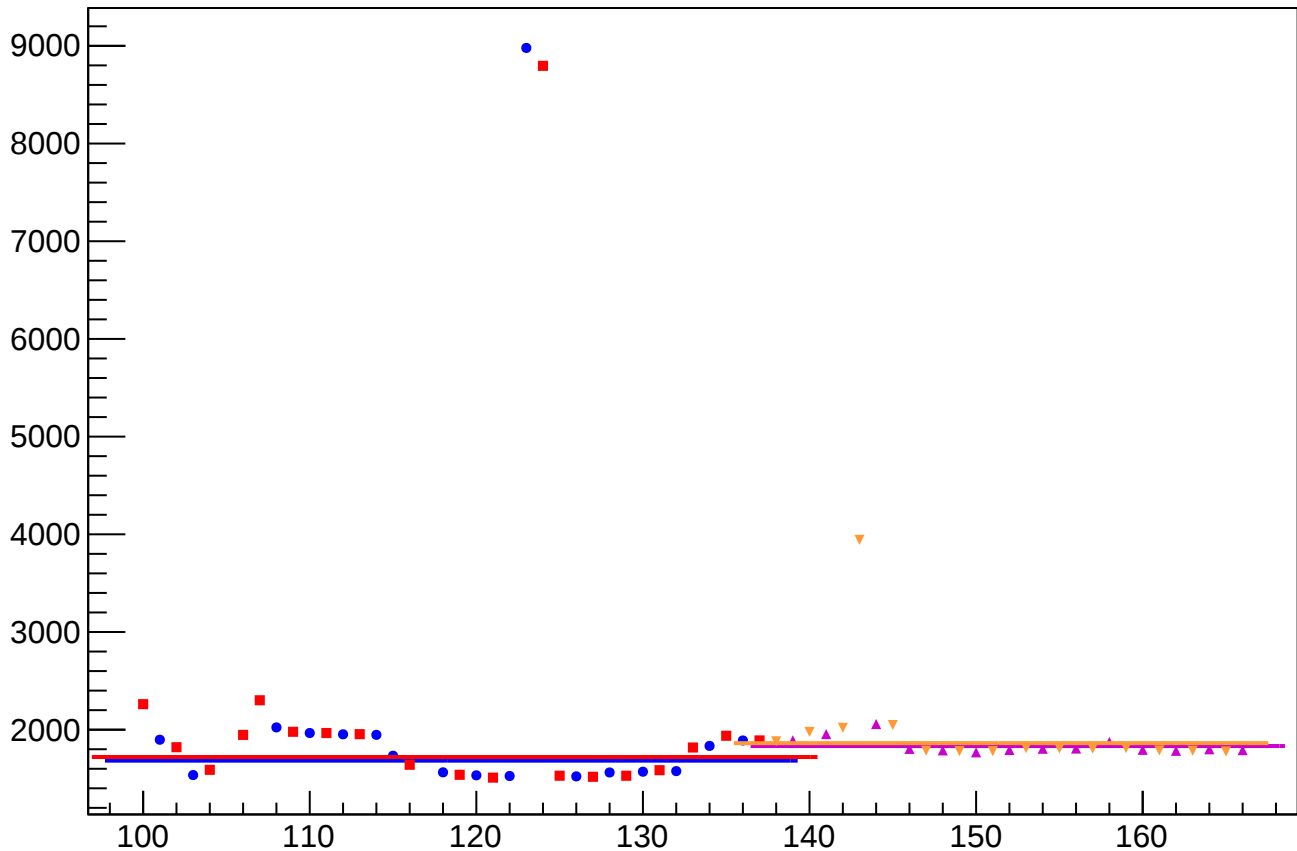
Left In: 789.896+/-557.441 χ^2/NDF : 4.1/13

+ sign 288.898+/-429.009 χ^2/NDF : 38.0/31

All: 488.268+/-302.348 χ^2/NDF : 69.4/64

- sign 685.013+/-426.174 χ^2/NDF : 30.9/32

reg_asym_atl_dd_rms vs Slug



Right In: 1683.259+/-0.467 χ^2/NDF : 195893.7/16

Left Out: 1862.304+/-0.399 χ^2/NDF : 414354.7/14

Right Out: 1720.379+/-0.465 χ^2/NDF : 396099.9/18

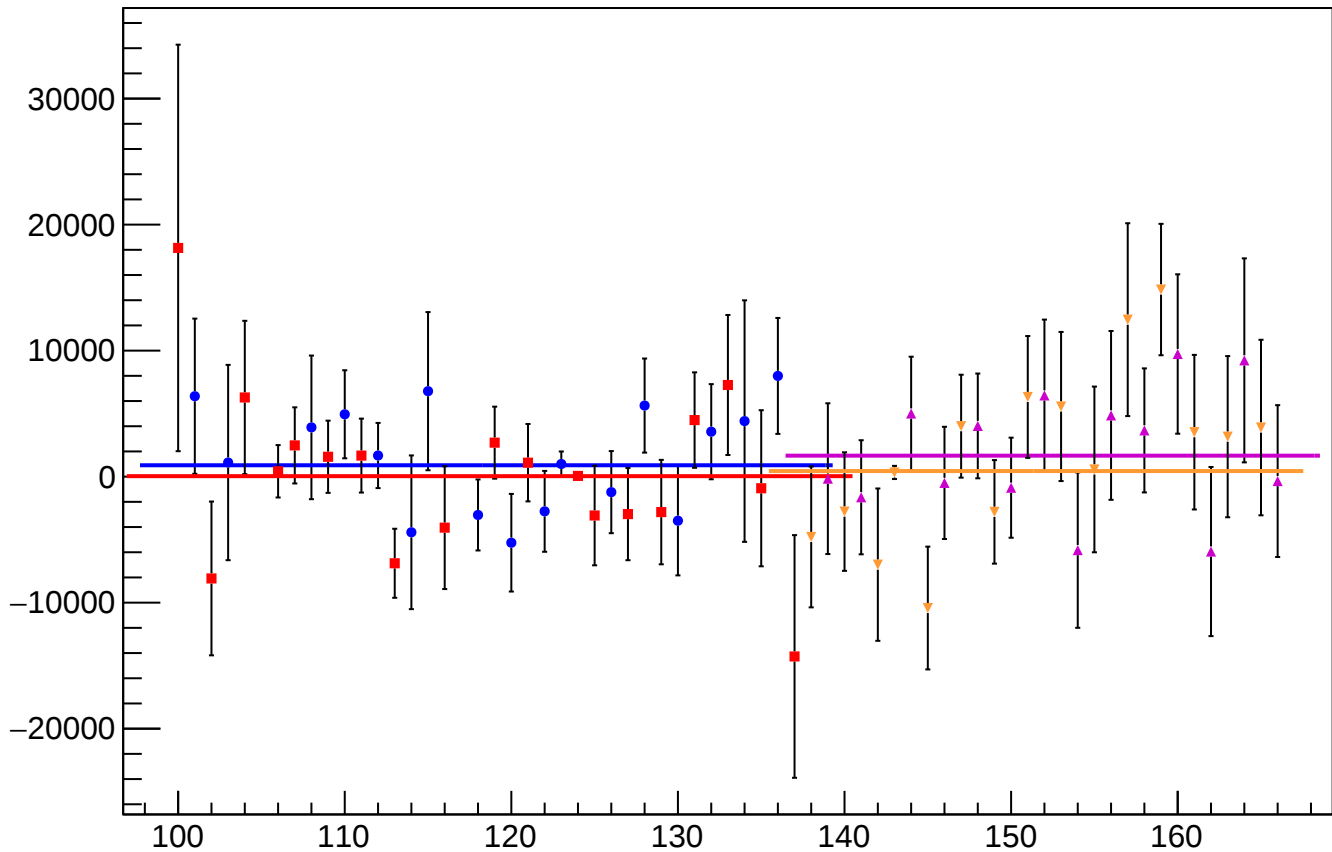
Left In: 1832.781+/-0.394 χ^2/NDF : 37473.3/13

+ sign 1786.906+/-0.303 χ^2/NDF : 695169.3/31

All: 1786.368+/-0.214 χ^2/NDF : 1162708.1/64

- sign 1785.840+/-0.301 χ^2/NDF : 467532.6/32

asym_atl_dd_correction_mean vs Slug



Right In: 903.344+/-705.564 χ^2/NDF : 16.0/16

Left Out: 442.916+/-490.930 χ^2/NDF : 22.3/14

Right Out: 38.143+/-357.176 χ^2/NDF : 20.5/18

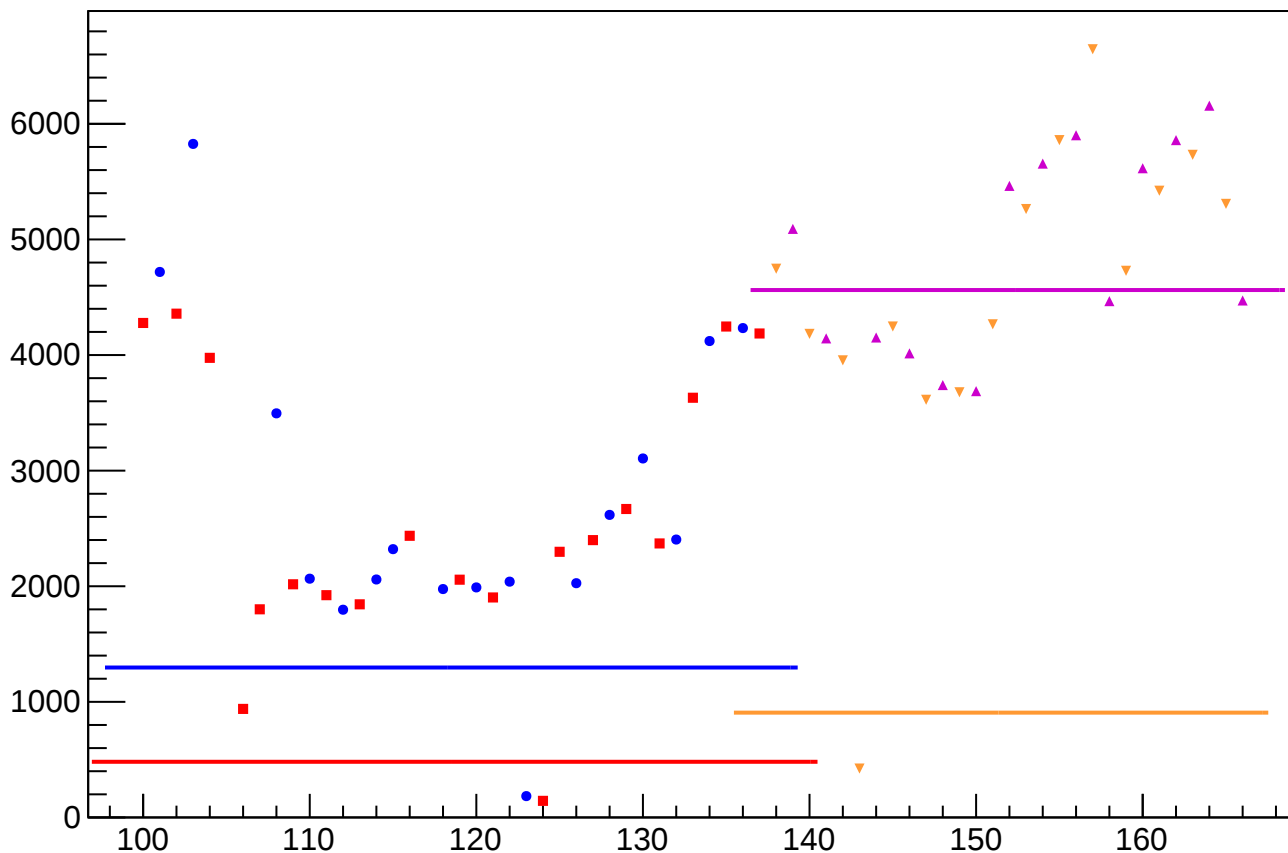
Left In: 1665.167+/-1406.830 χ^2/NDF : 8.5/13

+ sign 593.111+/-402.979 χ^2/NDF : 38.6/31

All: 330.489+/-262.597 χ^2/NDF : 69.6/64

- sign 136.668+/-346.193 χ^2/NDF : 30.3/32

asym_atl_dd_correction_rms vs Slug



Right In: 1297.005+/-0.499 χ^2/NDF : 6509608.5/16

Left Out: 906.700+/-0.347 χ^2/NDF :15270304.6/14

Right Out: 481.577+/-0.253 χ^2/NDF : 10144170.1/18

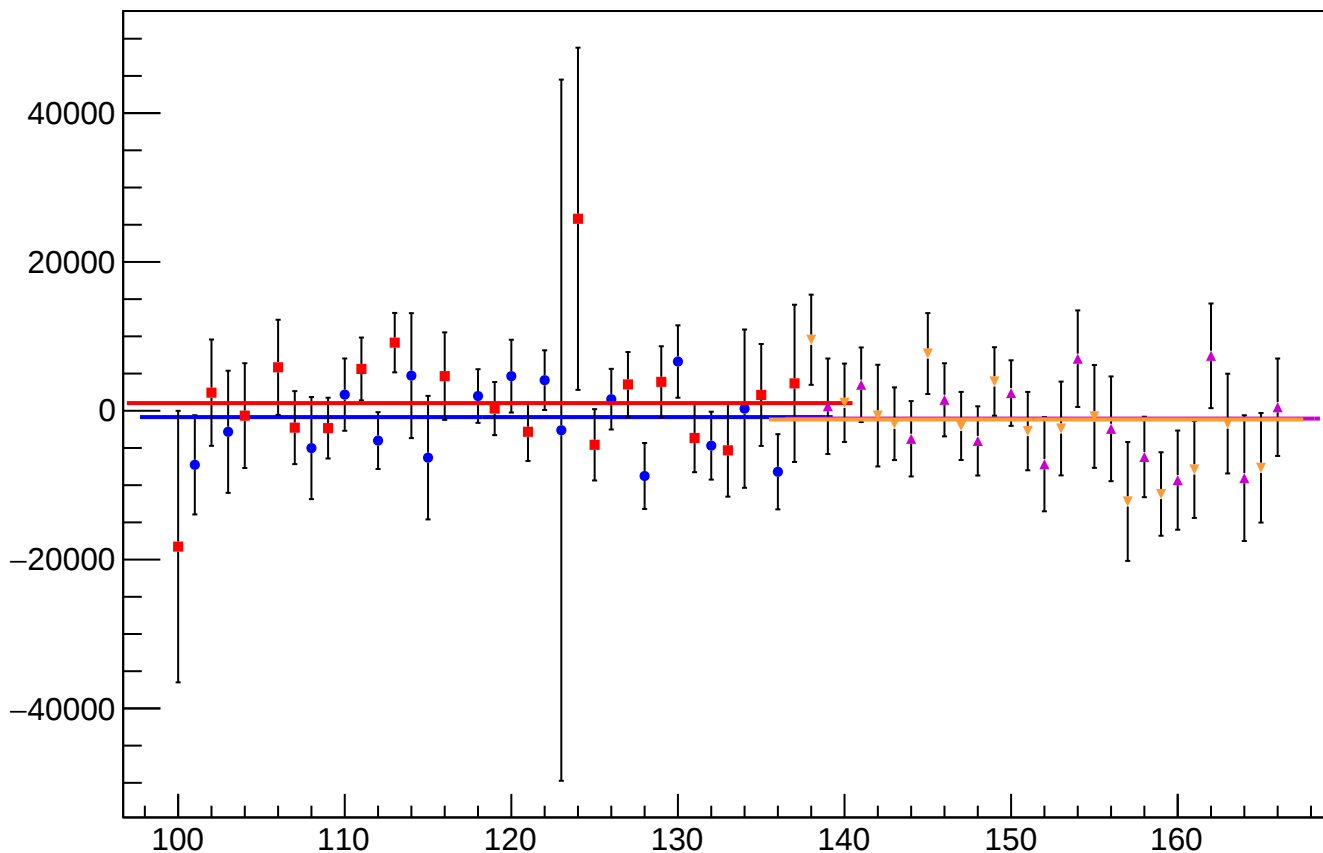
Left In: 4562.367+/-0.995 χ^2/NDF :651585.9/13

+ sign 1034.020+/-0.285 χ^2/NDF : 22192286.3/31

All: 858.344+/-0.186 χ^2/NDF : 49457717.5/64

- sign 728.691+/-0.245 χ^2/NDF : 26604823.4/32

asym_atl_dd_mean vs Slug



Right In: -849.372+/-1261.026 χ^2/NDF : 15.4/16

Left Out: -1171.160+/-1491.713 χ^2/NDF : 14.3/14

Right Out: 1033.205+/-1190.714 χ^2/NDF : 15.0/18

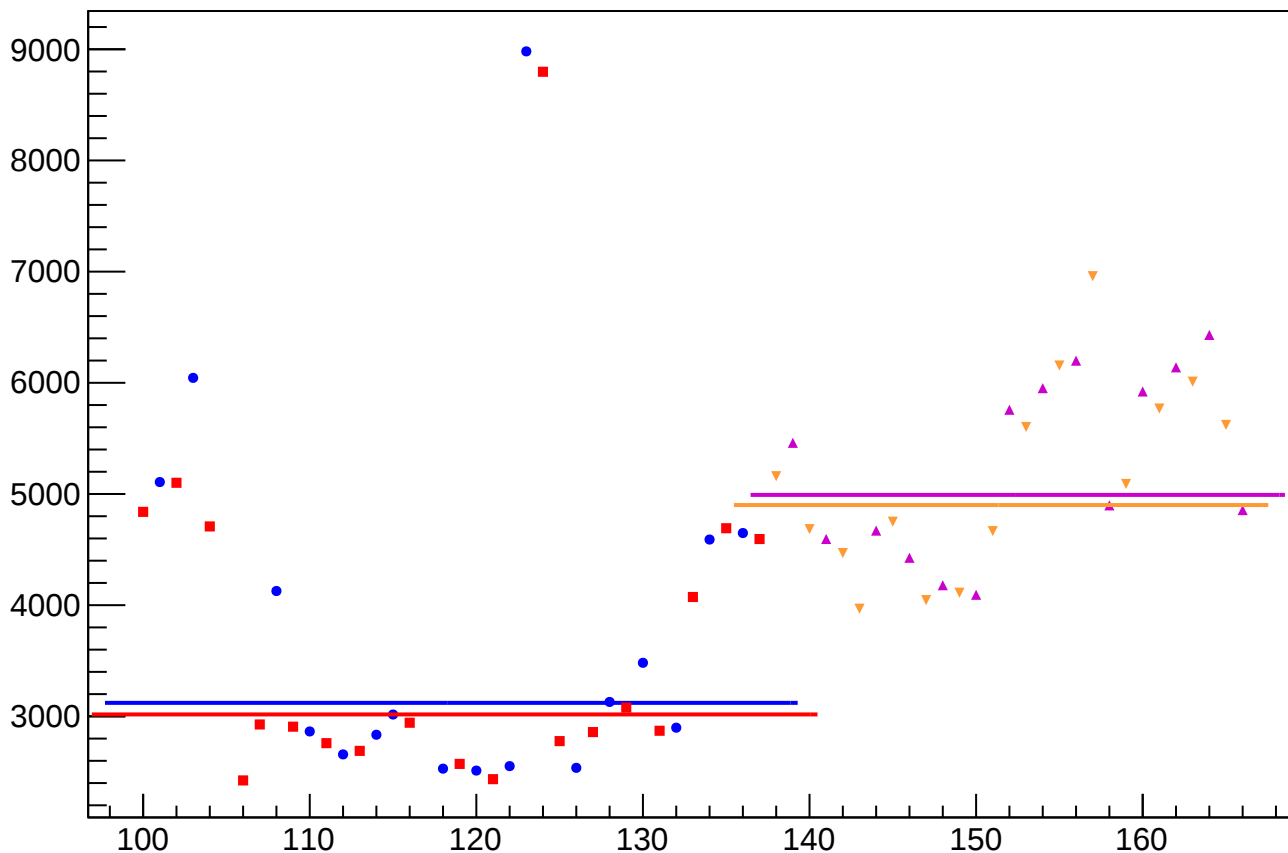
Left In: -1050.286+/-1533.229 χ^2/NDF : 9.8/13

+ sign -983.487+/-963.030 χ^2/NDF : 29.8/31

All: -352.423+/-672.831 χ^2/NDF : 56.6/64

- sign 249.365+/-940.427 χ^2/NDF : 26.0/32

asym_atl_dd_rms vs Slug



Right In: 3121.417+/-0.892 χ^2 /NDF: 945708.1/16

Left Out: 4900.569+/-1.055 χ^2 /NDF: 557487.0/14

Right Out: 3017.215+/-0.831 χ^2 /NDF: 791997.9/18

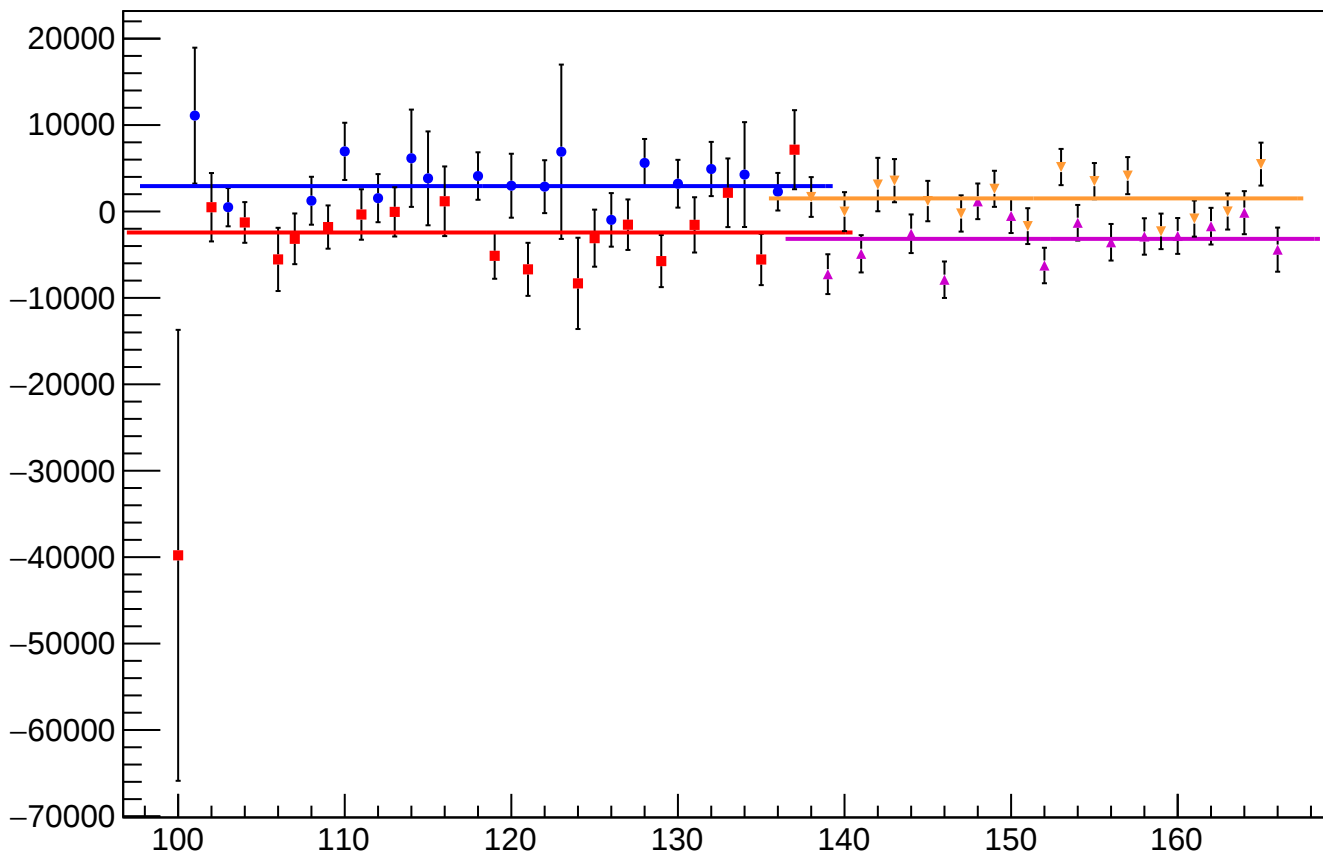
Left In: 4991.835+/-1.084 χ^2 /NDF: 485428.0/13

+ sign 3862.930+/-0.681 χ^2 /NDF: 3162469.6/31

All: 3803.921+/-0.474 χ^2 /NDF: 6543166.6/64

- sign 3748.526+/-0.660 χ^2 /NDF: 3366138.5/32

reg_asym_atr_avg_mean vs Slug



Right In: 2935.827+/-775.365 χ^2 /NDF: 8.2/16

Left Out: 1512.184+/-572.361 χ^2 /NDF:18.0/14

Right Out: -2432.756+/-740.416 χ^2 /NDF: 18.2/18

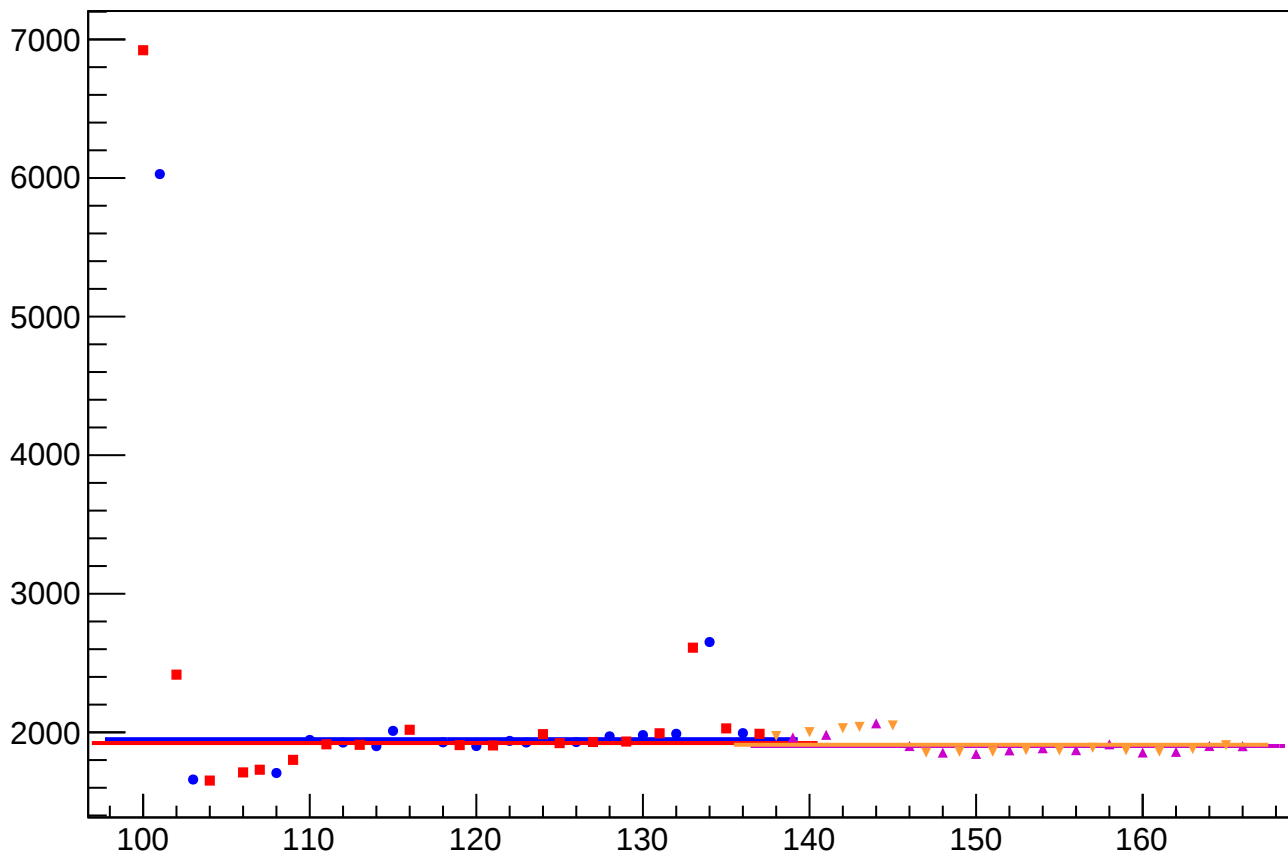
Left In: -3170.727+/-576.644 χ^2 /NDF:20.5/13

+ sign 2014.324+/-460.488 χ^2 /NDF: 28.3/31

All: -468.585+/-323.637 χ^2 /NDF: 125.0/64

- sign -2892.109+/-454.947 χ^2 /NDF: 39.2/32

reg_asym_atr_avg_rms vs Slug



Right In: 1950.615 ± 0.548 χ^2/NDF : 617332.2/16

Left Out: 1910.482 ± 0.405 χ^2/NDF : 27974.9/14

Right Out: 1922.752 ± 0.522 χ^2/NDF : 217400.0/18

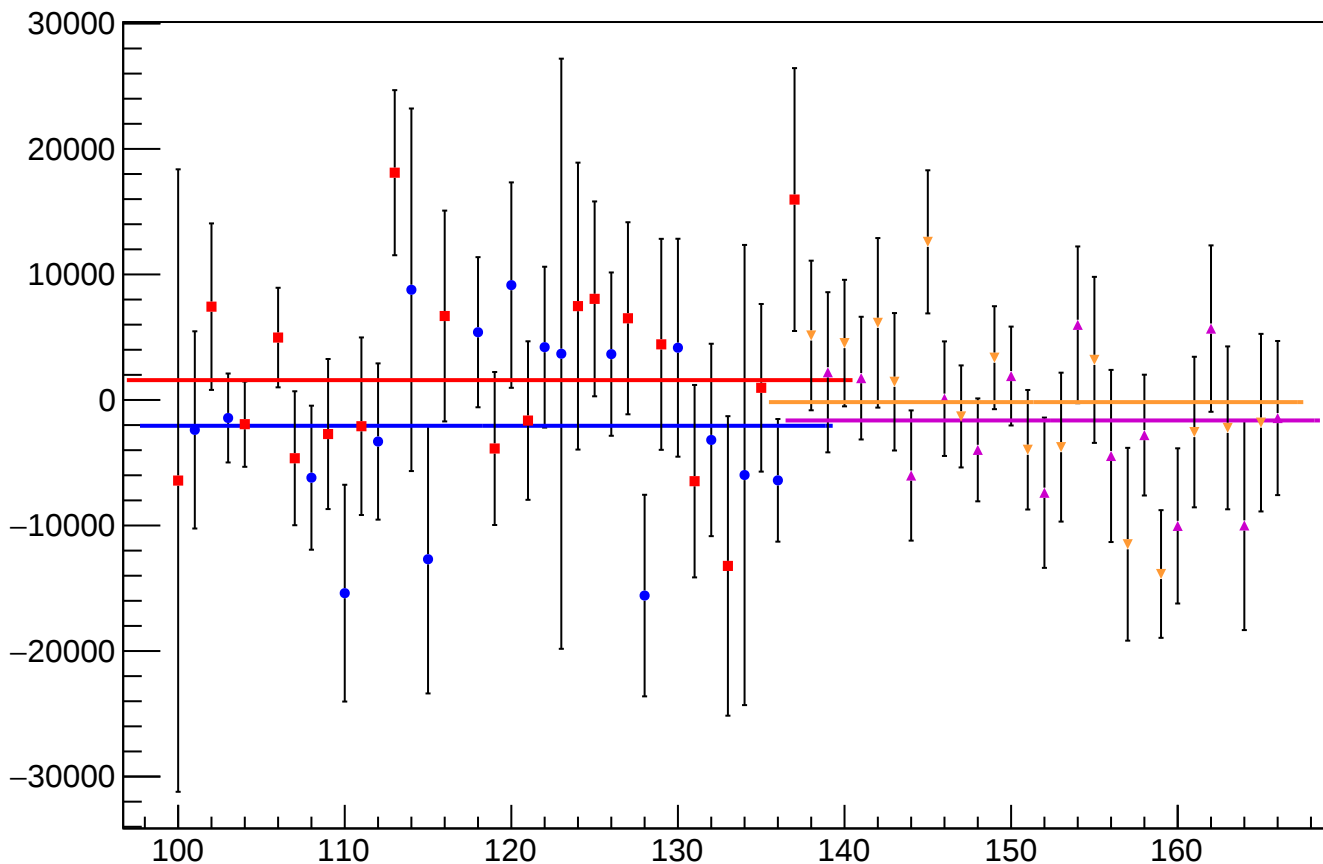
Left In: 1901.590 ± 0.408 χ^2/NDF : 20541.6/13

+ sign 1924.637 ± 0.326 χ^2/NDF : 648775.4/31

All: 1917.022 ± 0.229 χ^2/NDF : 888816.6/64

- sign 1909.603 ± 0.321 χ^2/NDF : 238961.4/32

asym_atr_avg_correction_mean vs Slug



Right In: -2056.876 ± 1661.079 χ^2/NDF : 14.0/16

Left Out: -170.901 ± 1419.700 χ^2/NDF : 19.5/14

Right Out: 1580.717 ± 1477.405 χ^2/NDF : 18.6/18

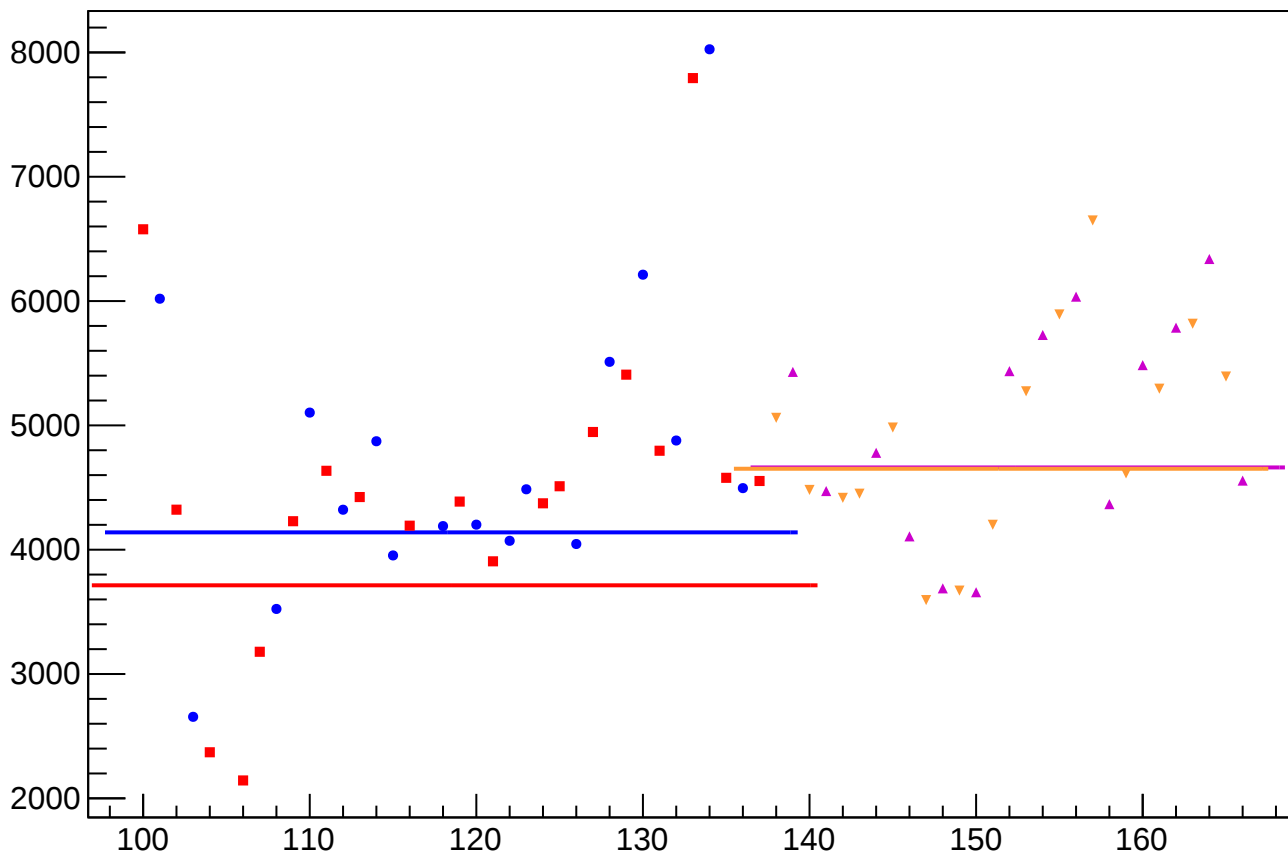
Left In: -1631.546 ± 1438.191 χ^2/NDF : 9.5/13

+ sign -967.024 ± 1079.226 χ^2/NDF : 34.2/31

All: -497.096 ± 745.319 χ^2/NDF : 65.1/64

- sign -68.611 ± 1030.539 χ^2/NDF : 30.6/32

asym_atr_avg_correction_rms vs Slug



Right In: 4139.394+/-1.175 χ^2/NDF : 813550.8/16

Left Out: 4651.194+/-1.004 χ^2/NDF : 628535.1/14

Right Out: 3713.526+/-1.045 χ^2/NDF : 1275828.5/18

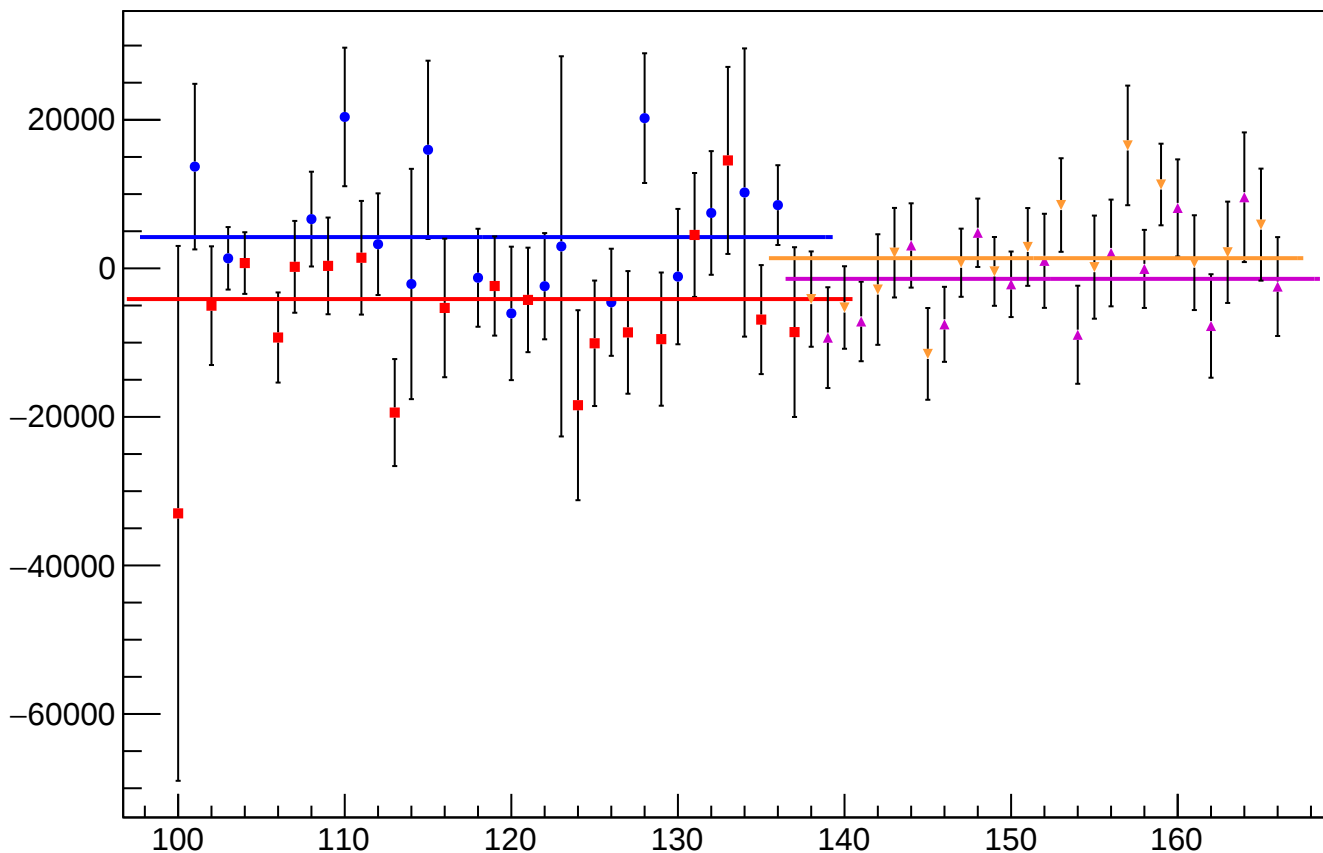
Left In: 4661.661+/-1.017 χ^2/NDF : 659249.5/13

+ sign 4435.149+/-0.763 χ^2/NDF : 1551804.9/31

All: 4312.330+/-0.527 χ^2/NDF : 3959331.4/64

- sign 4200.343+/-0.729 χ^2/NDF : 2358006.9/32

asym_atr_avg_mean vs Slug



Right In: 4211.844+/-1871.304 χ^2/NDF : 14.4/16

Left Out: 1372.510+/-1548.472 χ^2/NDF : 15.6/14

Right Out: -4133.660+/-1725.341 χ^2/NDF : 14.8/18

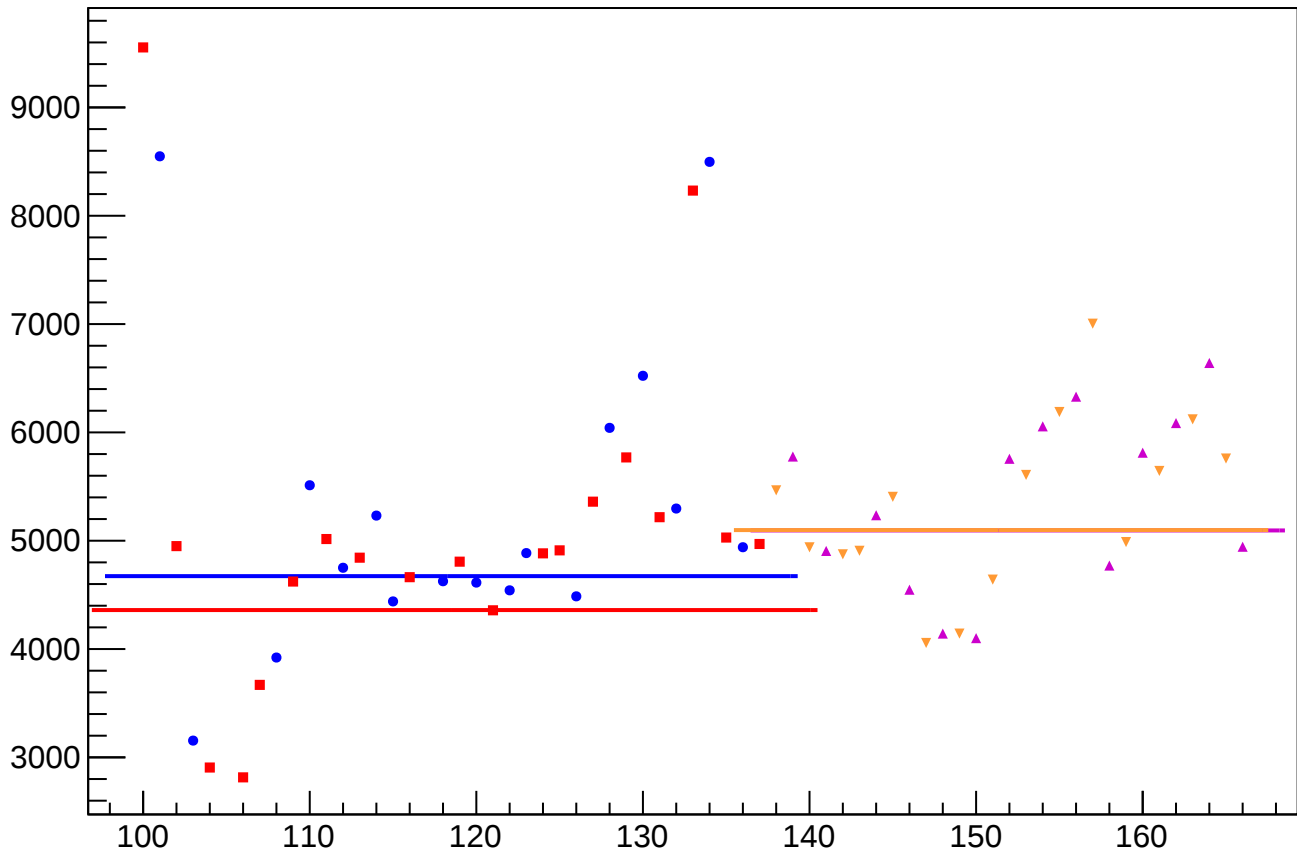
Left In: -1412.598+/-1564.744 χ^2/NDF : 12.8/13

+ sign 2526.507+/-1192.994 χ^2/NDF : 31.4/31

All: -131.572+/-831.321 χ^2/NDF : 70.0/64

- sign -2640.623+/-1159.069 χ^2/NDF : 28.9/32

asym_atr_avg_rms vs Slug



Right In: 4673.046+/-1.323 χ^2/NDF : 777321.1/16

Left Out: 5098.147+/-1.095 χ^2/NDF : 470424.0/14

Right Out: 4359.833+/-1.213 χ^2/NDF : 832191.0/18

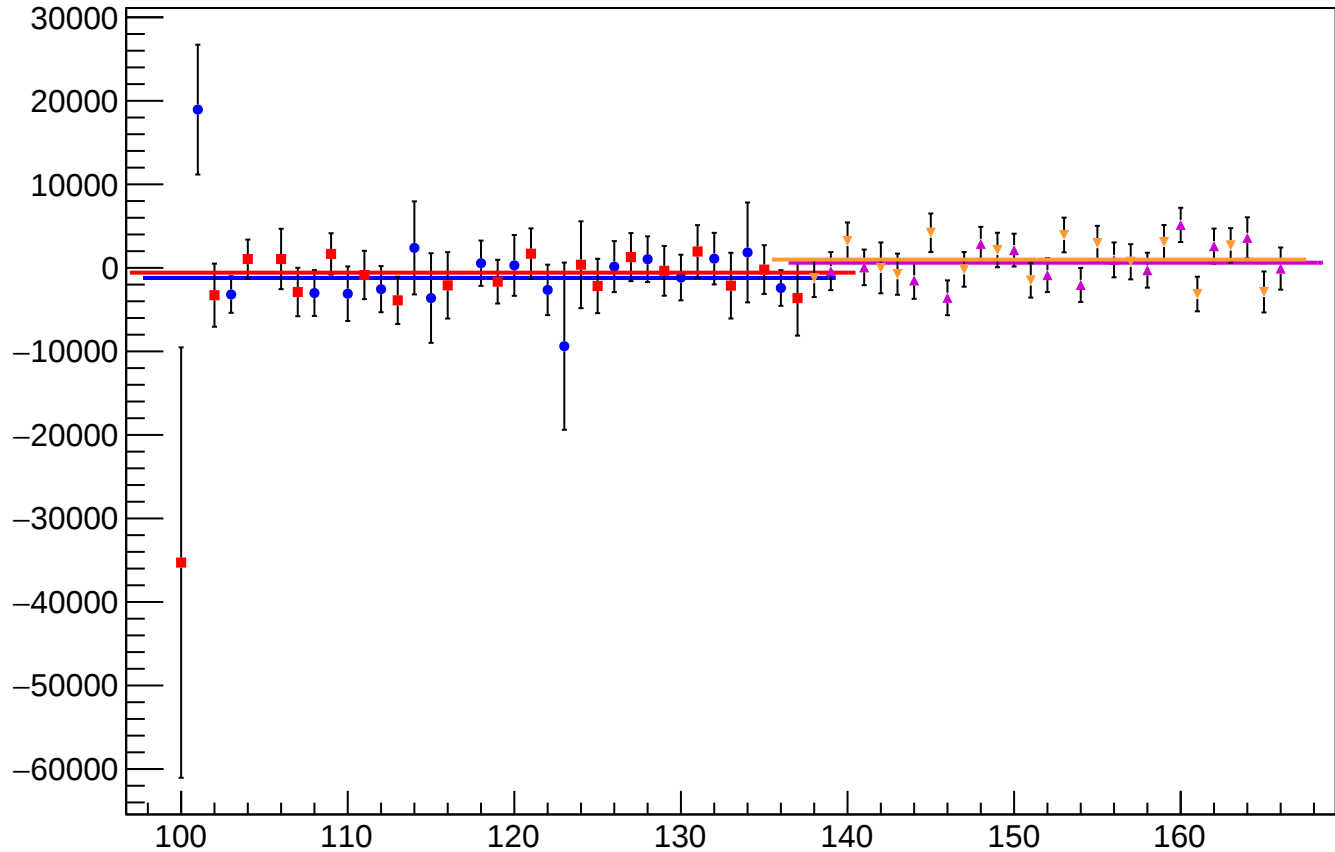
Left In: 5094.869+/-1.106 χ^2/NDF : 493604.0/13

+ sign 4925.372+/-0.844 χ^2/NDF : 1309008.1/31

All: 4840.619+/-0.587 χ^2/NDF : 2854814.8/64

- sign 4761.035+/-0.817 χ^2/NDF : 1526234.2/32

reg_asym_atr_dd_mean vs Slug



Right In: -1211.176 $\pm$ 765.294 χ^2 /NDF: 12.7/16

Left Out: 995.388 $\pm$ 565.621 χ^2 /NDF: 17.7/14

Right Out: -573.457 $\pm$ 730.668 χ^2 /NDF: 8.7/18

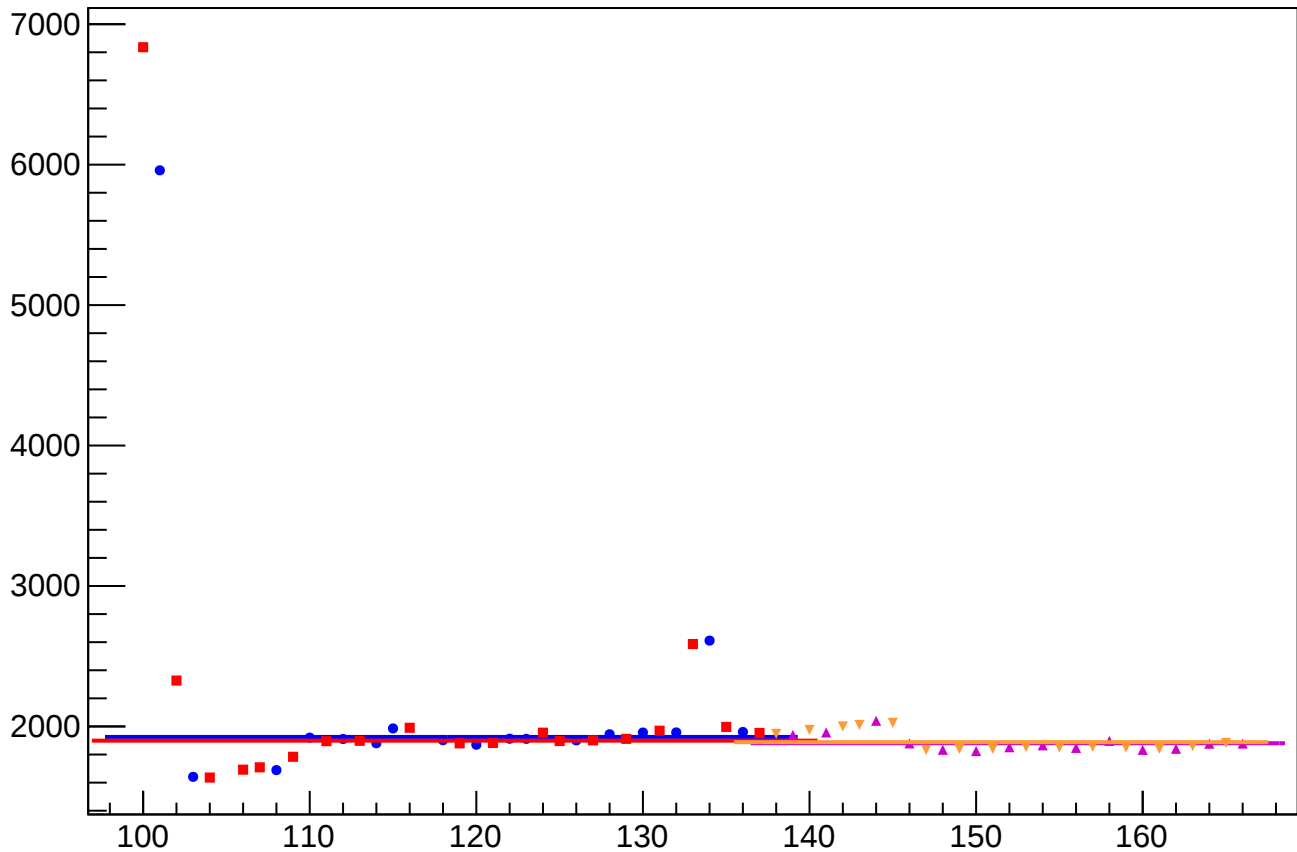
Left In: 617.896 $\pm$ 570.236 χ^2 /NDF: 16.8/13

+ sign 215.863 $\pm$ 454.868 χ^2 /NDF: 35.8/31

All: 191.113 $\pm$ 319.739 χ^2 /NDF: 63.0/64

- sign 166.940 $\pm$ 449.539 χ^2 /NDF: 27.2/32

reg_asym_atr_dd_rms vs Slug



Right In: 1925.320+/-0.541 χ^2/NDF : 615863.6/16

Left Out: 1888.070+/-0.400 χ^2/NDF : 26467.8/14

Right Out: 1898.854+/-0.515 χ^2/NDF : 210875.1/18

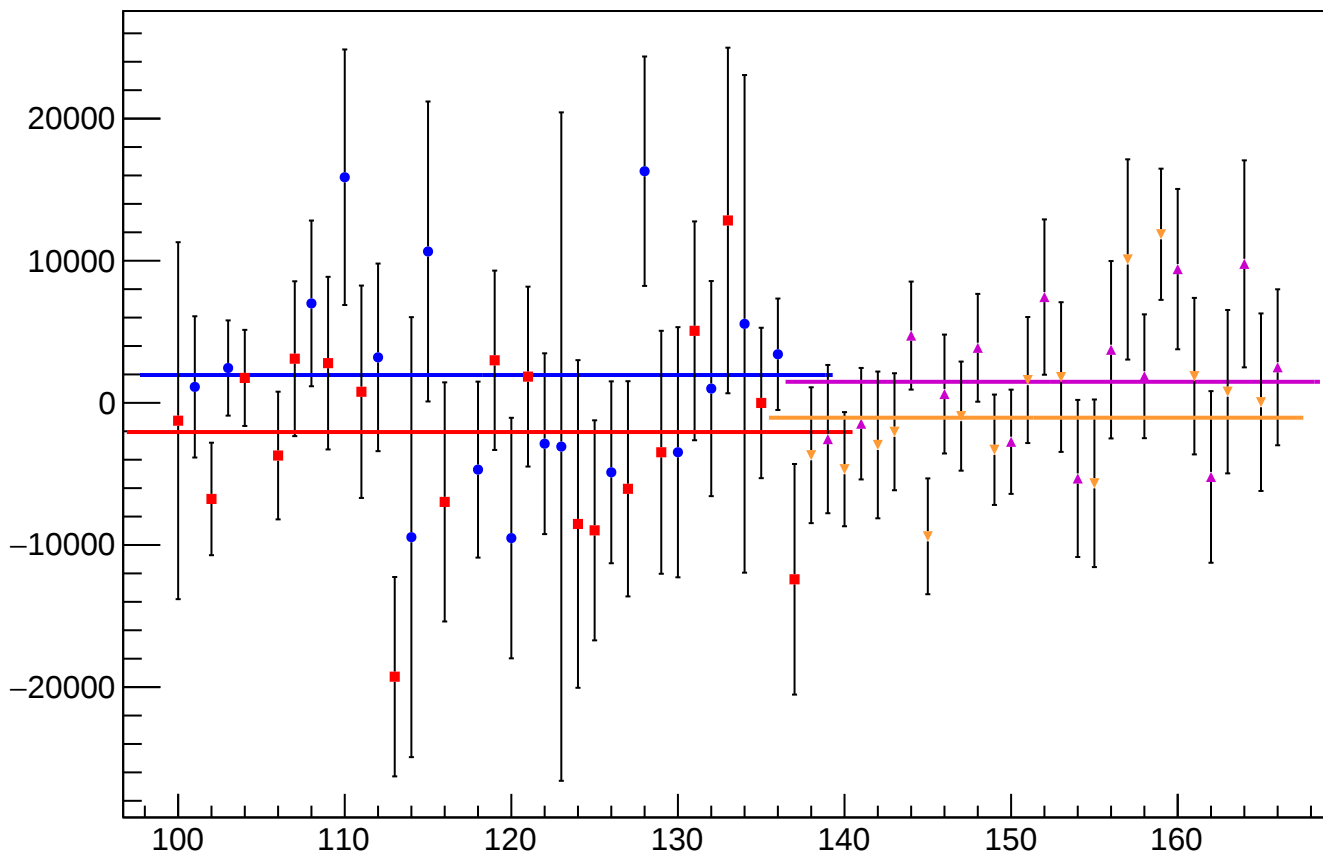
Left In: 1880.487+/-0.403 χ^2/NDF : 19981.2/13

+ sign 1901.230+/-0.322 χ^2/NDF : 645395.8/31

All: 1894.257+/-0.226 χ^2/NDF : 877967.7/64

- sign 1887.459+/-0.318 χ^2/NDF : 231643.9/32

asym_atr_dd_correction_mean vs Slug



Right In: 1959.060 $\pm$ 1556.840 χ^2 /NDF: 12.9/16

Left Out: -1044.124 $\pm$ 1223.189 χ^2 /NDF: 17.8/14

Right Out: -2052.842 $\pm$ 1413.641 χ^2 /NDF: 17.4/18

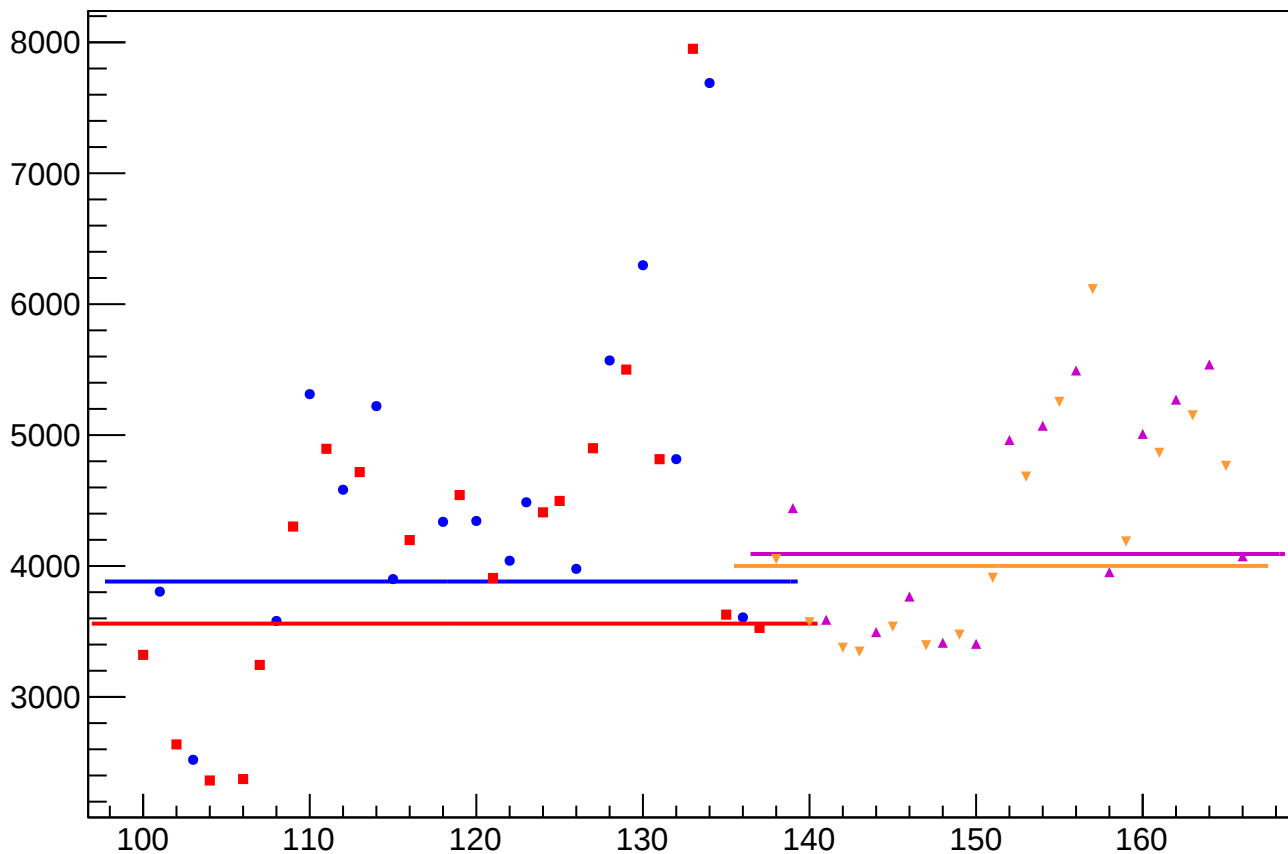
Left In: 1482.008 $\pm$ 1262.339 χ^2 /NDF: 11.0/13

+ sign 102.152 $\pm$ 961.829 χ^2 /NDF: 33.1/31

All: 5.977 $\pm$ 672.840 χ^2 /NDF: 65.1/64

- sign -86.190 $\pm$ 941.573 χ^2 /NDF: 32.0/32

asym_atr_dd_correction_rms vs Slug



Right In: 3881.577+/-1.101 χ^2/NDF : 817466.6/16

Left Out: 4000.773+/-0.865 χ^2/NDF : 682753.9/14

Right Out: 3560.054+/-1.000 χ^2/NDF : 1241523.0/18

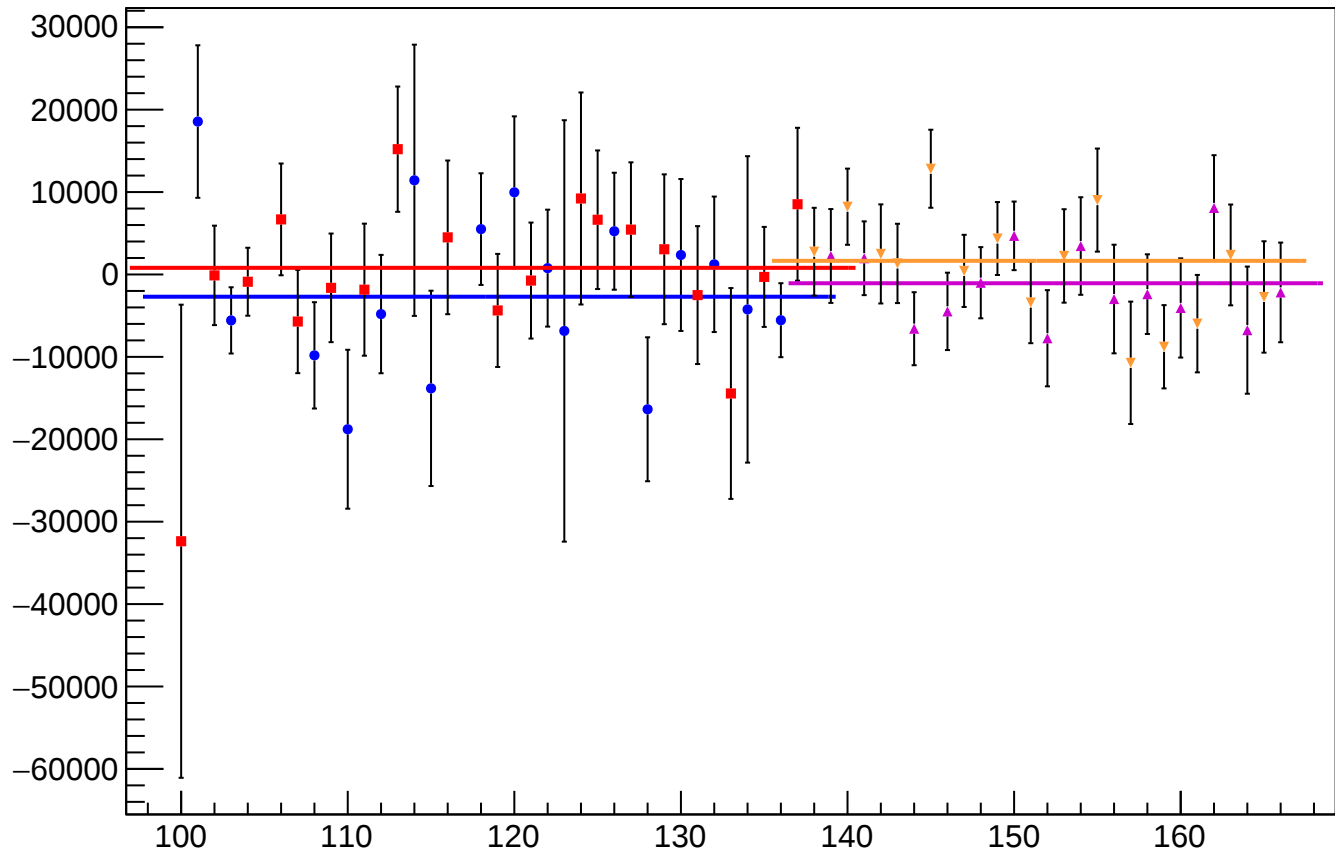
Left In: 4091.907+/-0.893 χ^2/NDF : 661741.1/13

+ sign 3955.278+/-0.680 χ^2/NDF : 1507469.4/31

All: 3904.560+/-0.476 χ^2/NDF : 3579127.7/64

- sign 3855.956+/-0.666 χ^2/NDF : 2060768.0/32

asym_atr_dd_mean vs Slug



Right In: -2700.702 ± 1809.055 χ^2/NDF : 19.8/16

Left Out: 1654.472 ± 1369.810 χ^2/NDF : 19.7/14

Right Out: 805.951 ± 1690.353 χ^2/NDF : 11.6/18

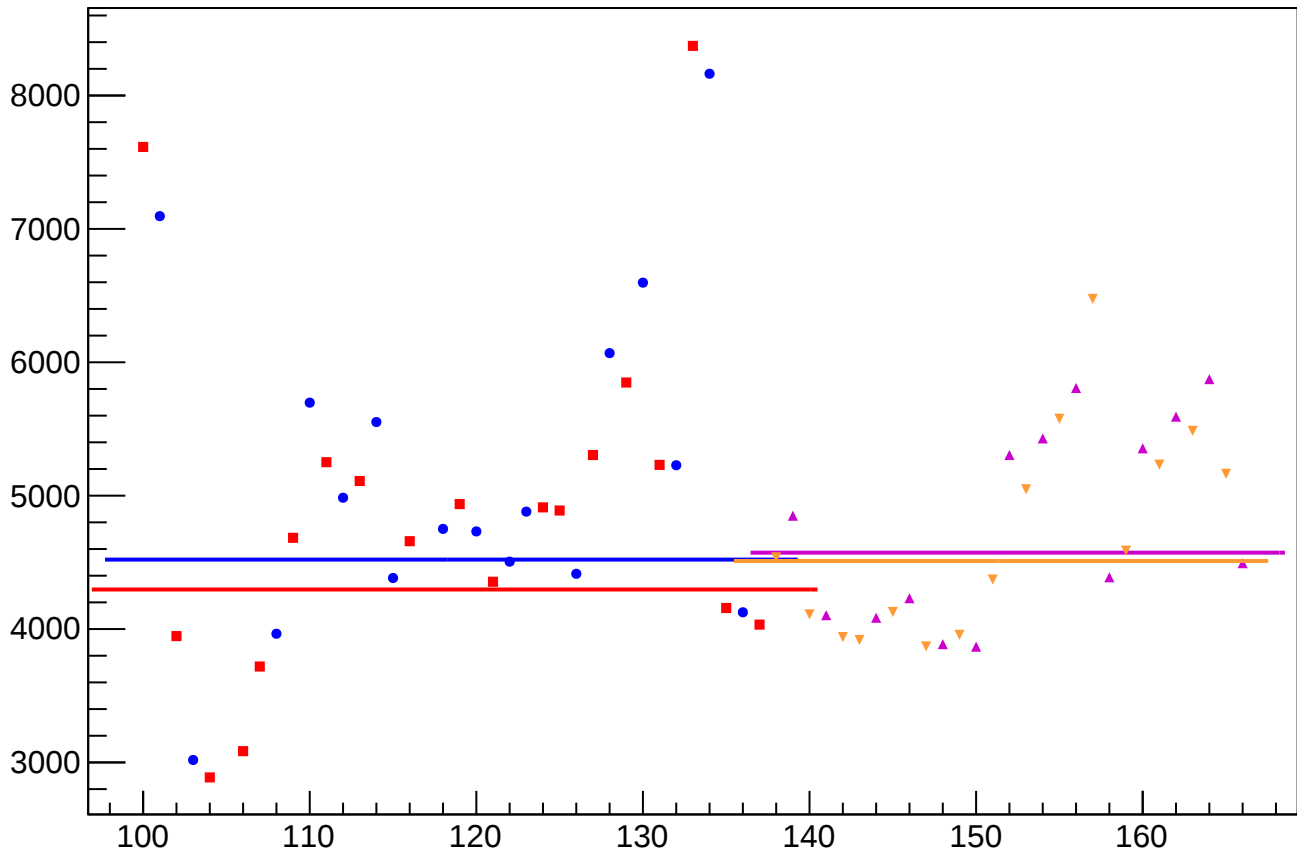
Left In: -1066.439 ± 1402.827 χ^2/NDF : 9.7/13

+ sign 67.395 ± 1092.064 χ^2/NDF : 43.1/31

All: -119.845 ± 767.726 χ^2/NDF : 65.2/64

- sign -302.801 ± 1079.501 χ^2/NDF : 22.0/32

asym_atr_dd_rms vs Slug



Right In: 4520.685 ± 1.279 χ^2/NDF : 770887.4/16

Left Out: 4510.520 ± 0.969 χ^2/NDF : 468072.7/14

Right Out: 4296.527 ± 1.189 χ^2/NDF : 771785.2/18

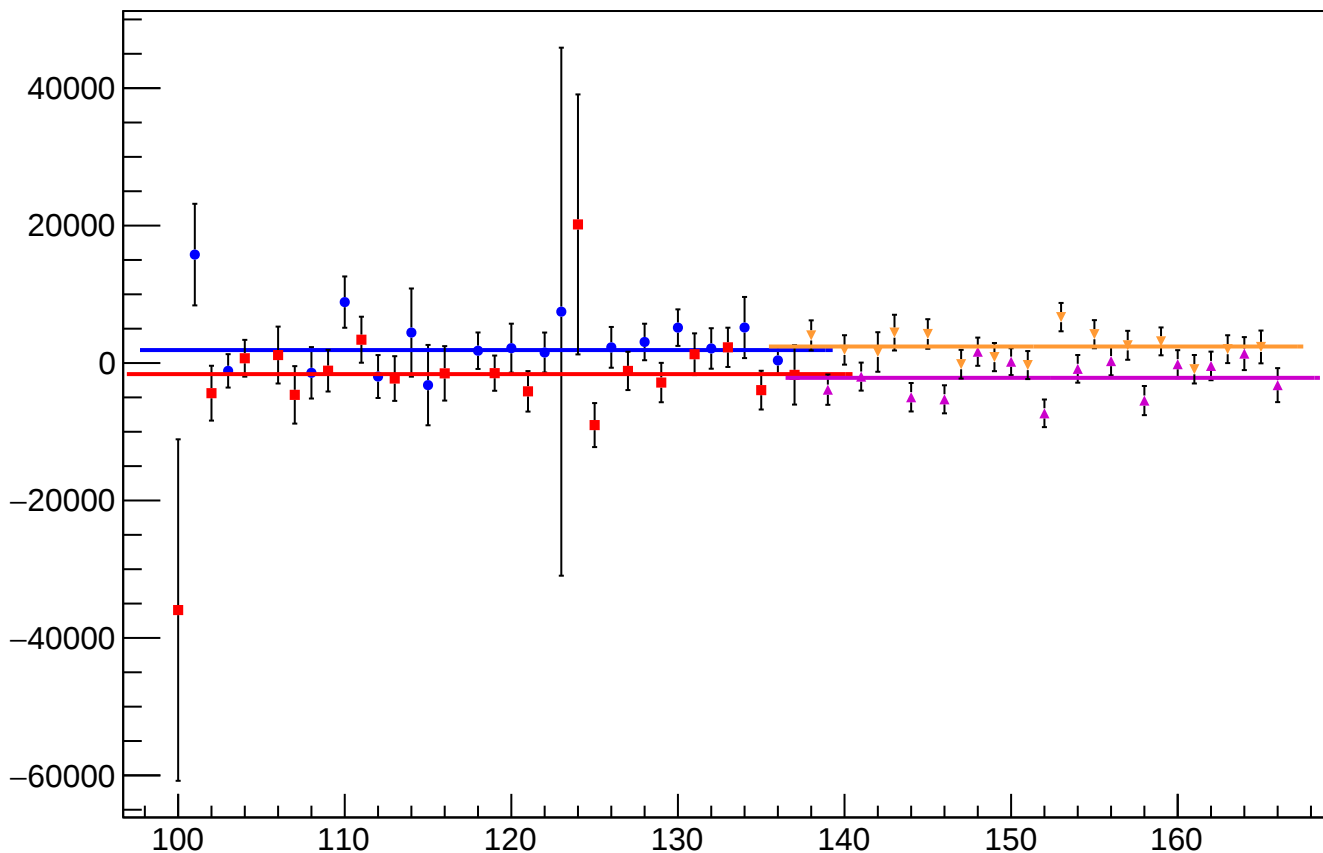
Left In: 4572.687 ± 0.992 χ^2/NDF : 457371.6/13

+ sign 4514.224 ± 0.772 χ^2/NDF : 1239000.3/31

All: 4486.389 ± 0.542 χ^2/NDF : 2502539.4/64

- sign 4459.315 ± 0.762 χ^2/NDF : 1260976.0/32

reg_asym_at1_avg_mean vs Slug



Right In: 1887.915 $\pm$ 783.827 χ^2 /NDF: 14.7/16

Left Out: 2405.648 $\pm$ 557.879 χ^2 /NDF:13.6/14

Right Out: -1610.310 $\pm$ 765.843 χ^2 /NDF: 17.5/18

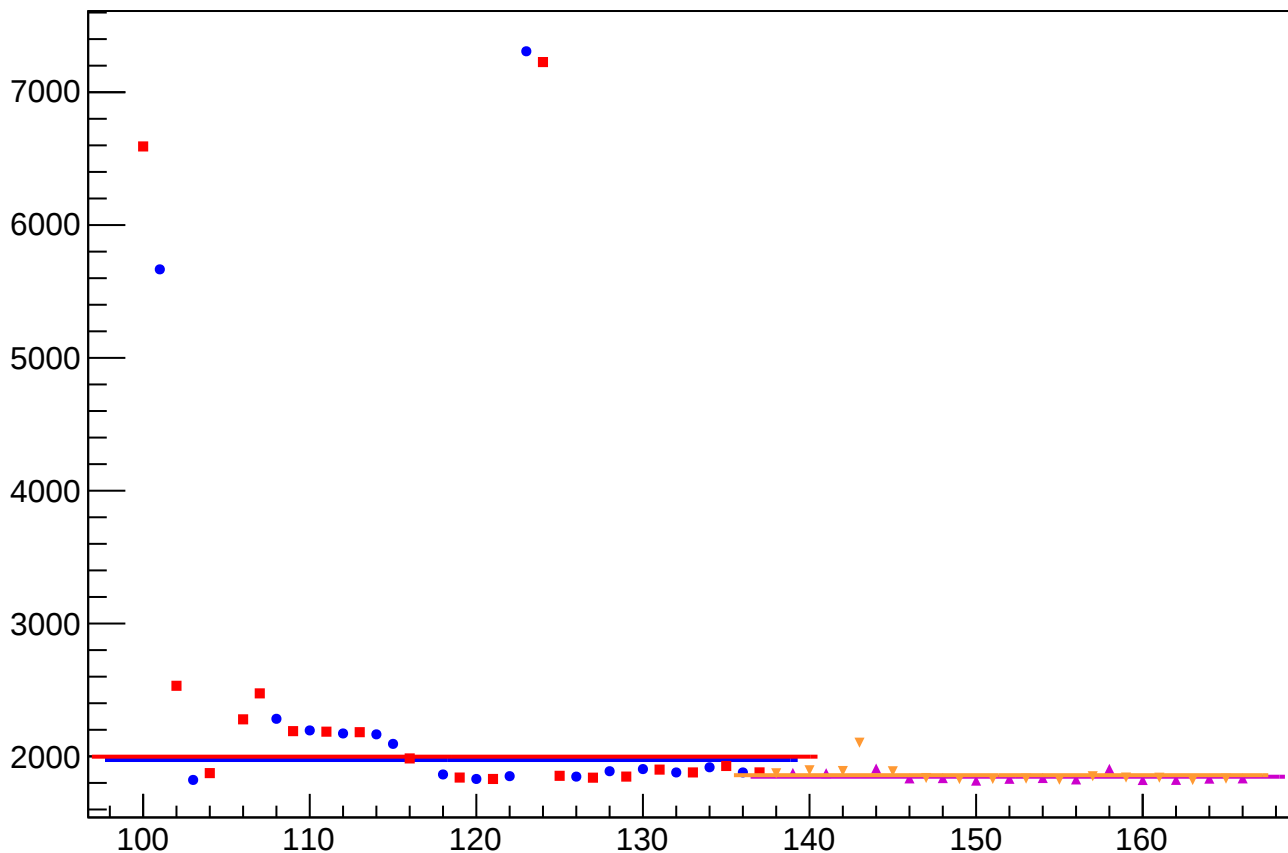
Left In: -2153.980 $\pm$ 561.155 χ^2 /NDF:24.5/13

+ sign 2231.565 $\pm$ 454.512 χ^2 /NDF: 28.6/31

All: 125.136 $\pm$ 320.728 χ^2 /NDF: 113.7/64

- sign -1964.057 $\pm$ 452.649 χ^2 /NDF: 42.3/32

reg_asym_at1_avg_rms vs Slug



Right In: 1972.484+/-0.554 χ^2/NDF : 600869.6/16

Left Out: 1858.208+/-0.394 χ^2/NDF : 22173.9/14

Right Out: 1997.647+/-0.542 χ^2/NDF : 355572.5/18

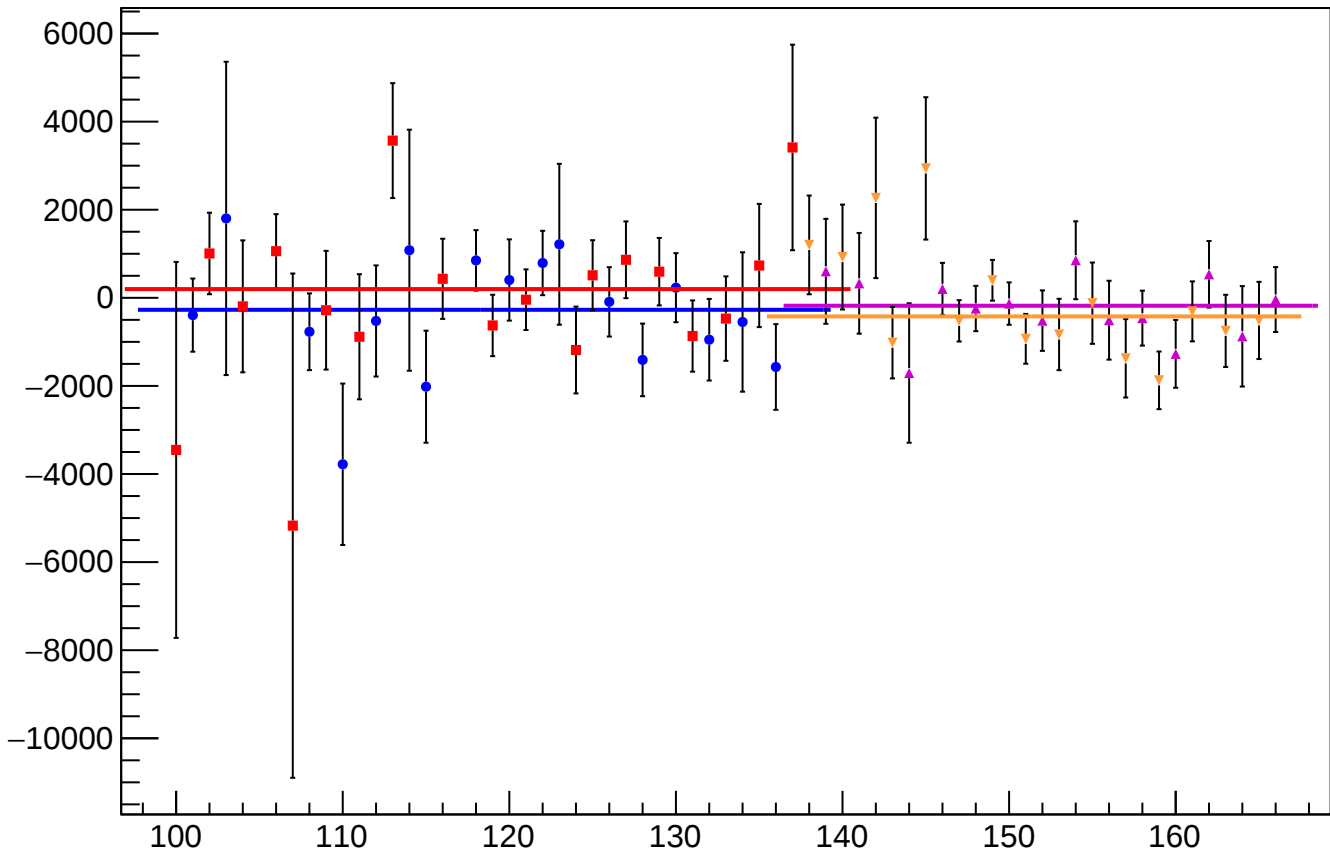
Left In: 1846.686+/-0.397 χ^2/NDF : 5631.8/13

+ sign 1896.632+/-0.321 χ^2/NDF : 651260.6/31

All: 1898.033+/-0.227 χ^2/NDF : 1063066.6/64

- sign 1899.422+/-0.320 χ^2/NDF : 411768.2/32

asym_at1_avg_correction_mean vs Slug



Right In: -271.773 $\pm$ 240.214 χ^2 /NDF: 17.2/16

Left Out: -422.058 $\pm$ 191.446 χ^2 /NDF: 21.0/14

Right Out: 198.424 $\pm$ 229.035 χ^2 /NDF: 19.7/18

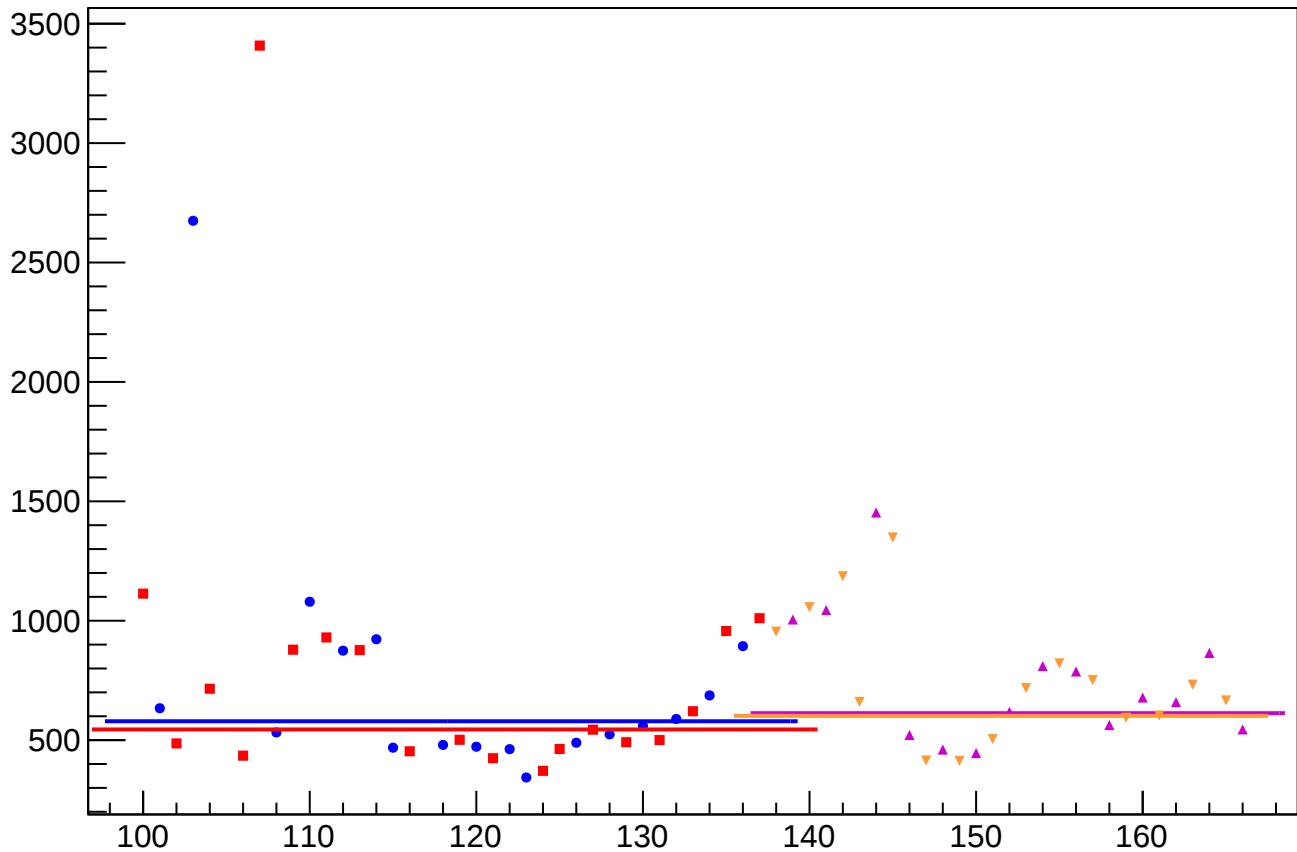
Left In: -179.698 $\pm$ 195.715 χ^2 /NDF: 7.3/13

+ sign -363.680 $\pm$ 149.715 χ^2 /NDF: 38.5/31

All: -190.836 $\pm$ 105.536 χ^2 /NDF: 69.7/64

- sign -20.118 $\pm$ 148.791 χ^2 /NDF: 28.6/32

asym_at1_avg_correction_rms vs Slug



Right In: 579.010 $\pm$ 0.170 χ^2/NDF : 1422148.6/16

Left Out: 601.746 $\pm$ 0.135 χ^2/NDF : 2116332.1/14

Right Out: 544.674 $\pm$ 0.162 χ^2/NDF : 1457799.9/18

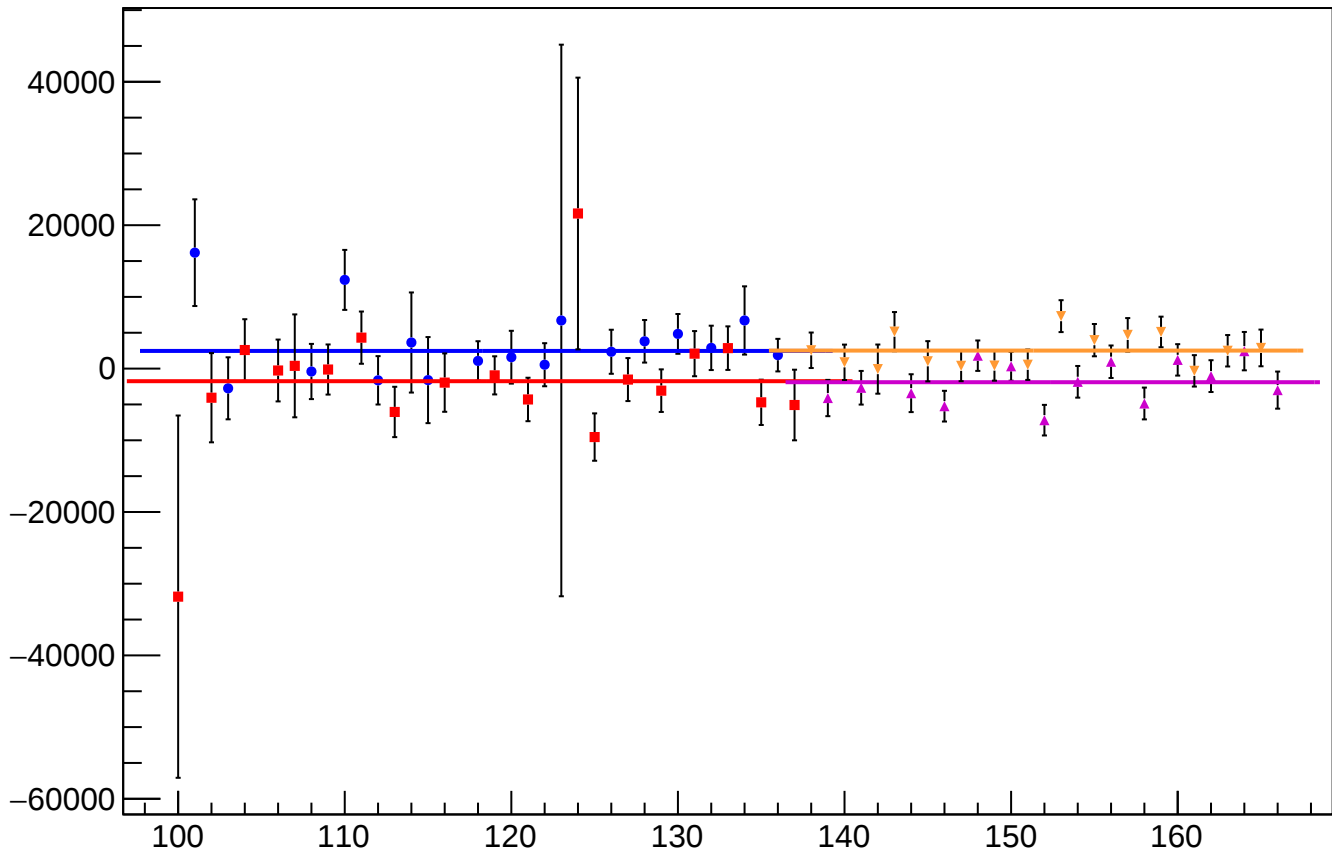
Left In: 612.802 $\pm$ 0.138 χ^2/NDF : 1854078.9/13

+ sign 592.914 $\pm$ 0.106 χ^2/NDF : 3549437.3/31

All: 588.455 $\pm$ 0.075 χ^2/NDF : 6967123.2/64

- sign 584.050 $\pm$ 0.105 χ^2/NDF : 3414158.5/32

asym_at1_avg_mean vs Slug



Right In: 2464.076 $\pm$ 863.197 χ^2 /NDF: 15.5/16

Left Out: 2512.996 $\pm$ 607.458 χ^2 /NDF:14.2/14

Right Out: -1756.788 $\pm$ 853.292 χ^2 /NDF: 20.5/18

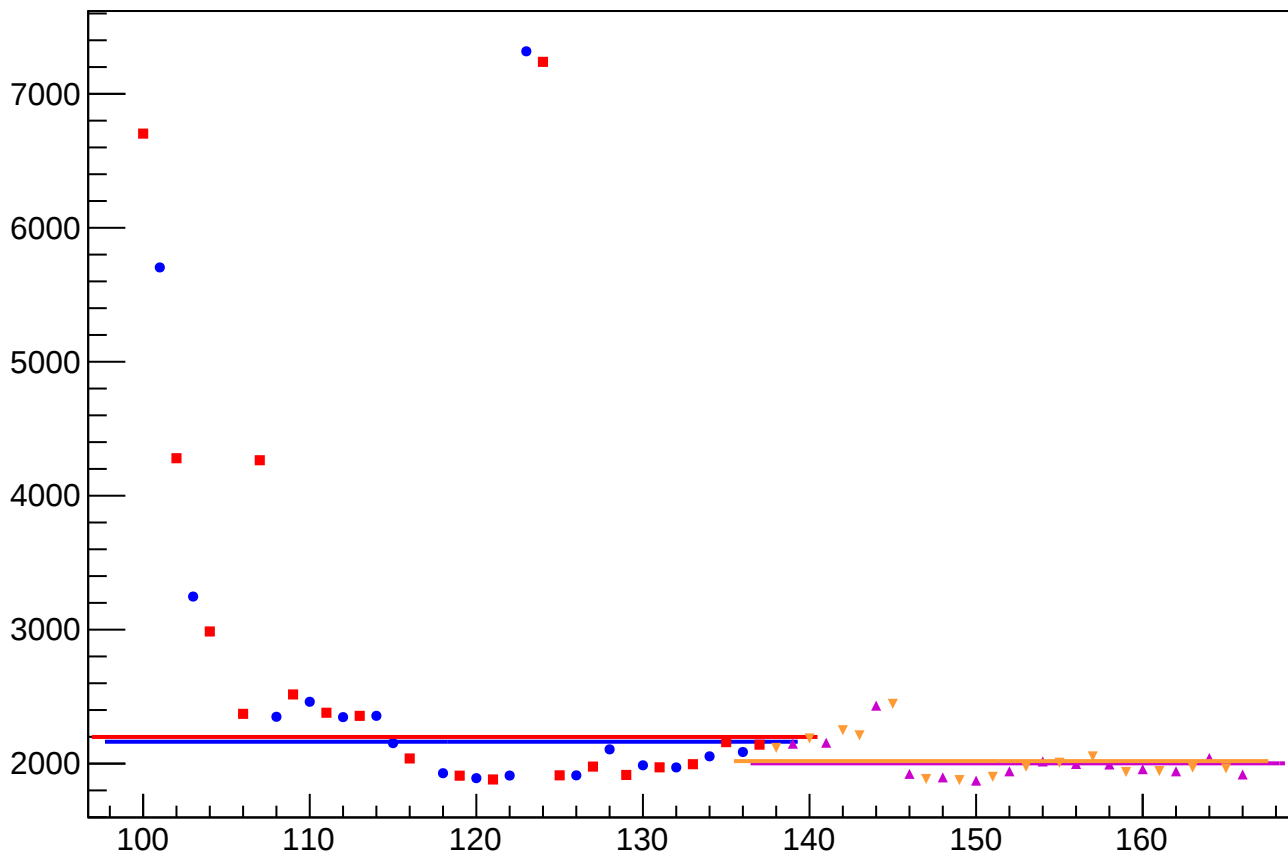
Left In: -1898.434 $\pm$ 609.563 χ^2 /NDF:22.4/13

+ sign 2496.793 $\pm$ 496.777 χ^2 /NDF: 29.7/31

All: 319.722 $\pm$ 351.000 χ^2 /NDF: 111.0/64

- sign -1850.574 $\pm$ 496.003 χ^2 /NDF: 42.9/32

asym_at1_avg_rms vs Slug



Right In: 2163.303+/-0.610 χ^2/NDF : 709584.4/16

Left Out: 2018.686+/-0.430 χ^2/NDF : 109231.4/14

Right Out: 2199.003+/-0.603 χ^2/NDF : 803297.2/18

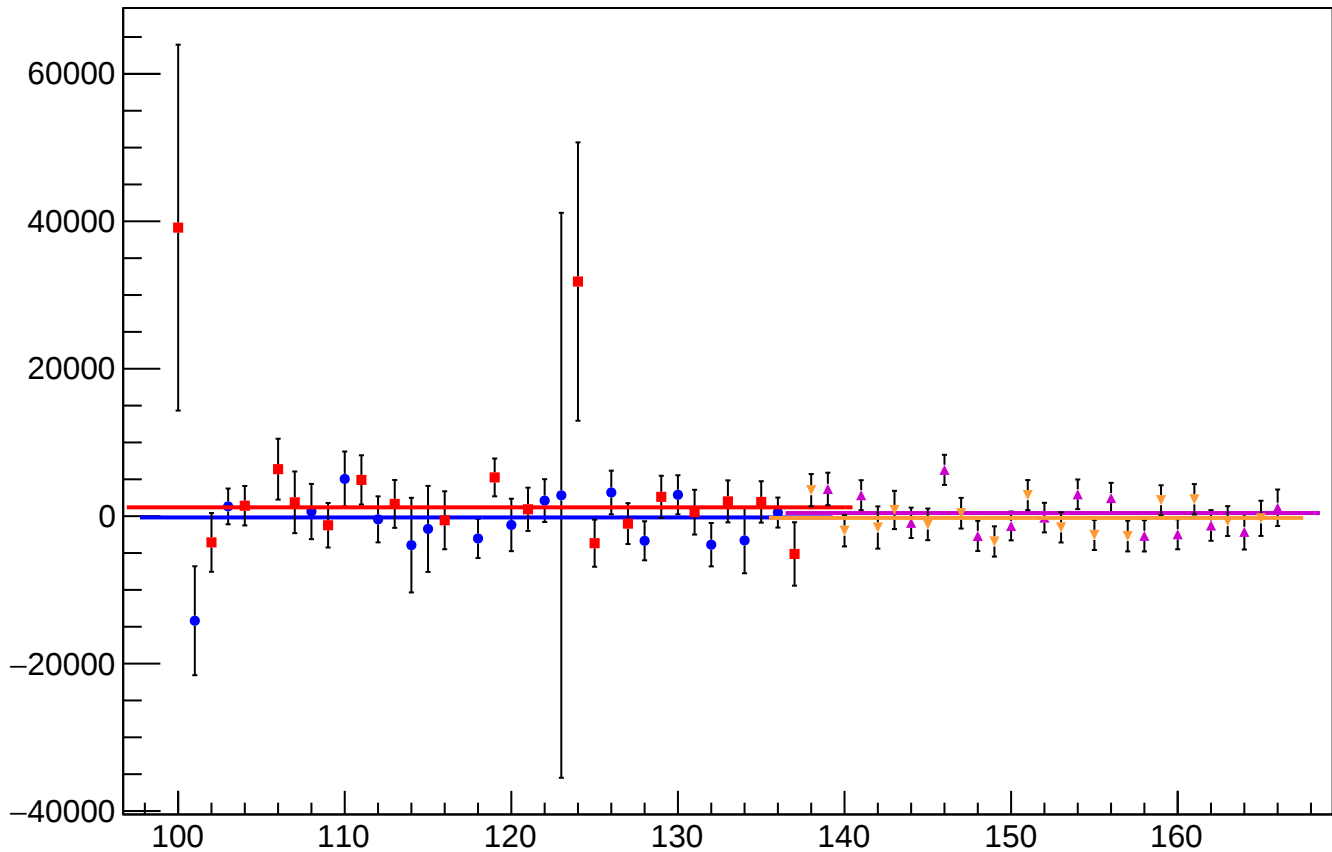
Left In: 2002.024+/-0.431 χ^2/NDF : 90708.0/13

+ sign 2066.584+/-0.351 χ^2/NDF : 856359.6/31

All: 2067.584+/-0.248 χ^2/NDF : 1820949.1/64

- sign 2068.581+/-0.351 χ^2/NDF : 964573.3/32

reg_asym_at1_dd_mean vs Slug



Right In: -170.351 ± 782.384 χ^2/NDF : 14.5/16

Left Out: -237.660 ± 556.801 χ^2/NDF : 15.0/14

Right Out: 1197.543 ± 764.254 χ^2/NDF : 18.2/18

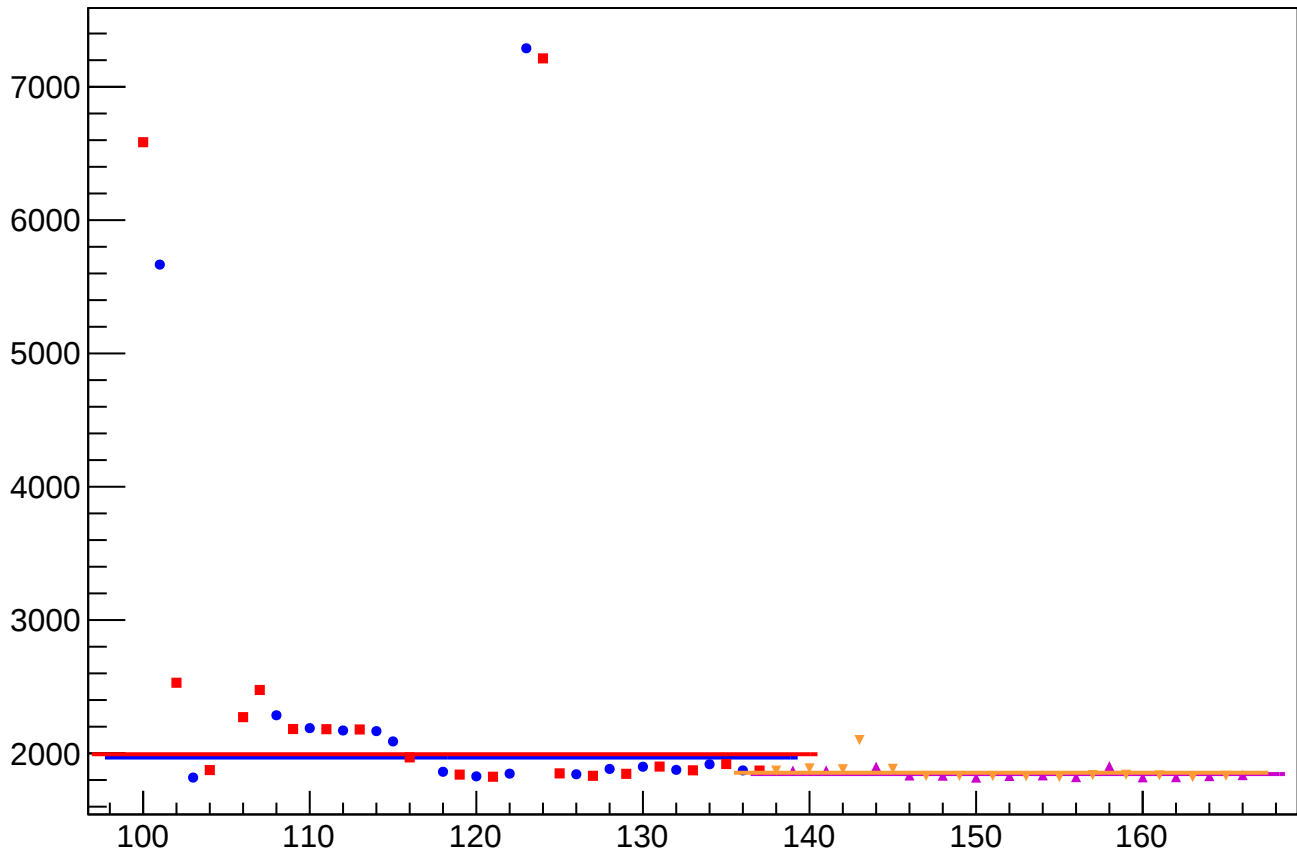
Left In: 426.030 ± 560.506 χ^2/NDF : 24.0/13

+ sign -215.031 ± 453.648 χ^2/NDF : 29.5/31

All: 242.097 ± 320.186 χ^2/NDF : 74.4/64

- sign 695.870 ± 451.980 χ^2/NDF : 42.8/32

reg_asym_at1_dd_rms vs Slug



Right In: 1968.632 $\pm$ 0.553 χ^2 /NDF: 602972.8/16

Left Out: 1854.650 $\pm$ 0.394 χ^2 /NDF:21850.4/14

Right Out: 1993.422 $\pm$ 0.540 χ^2 /NDF: 356172.4/18

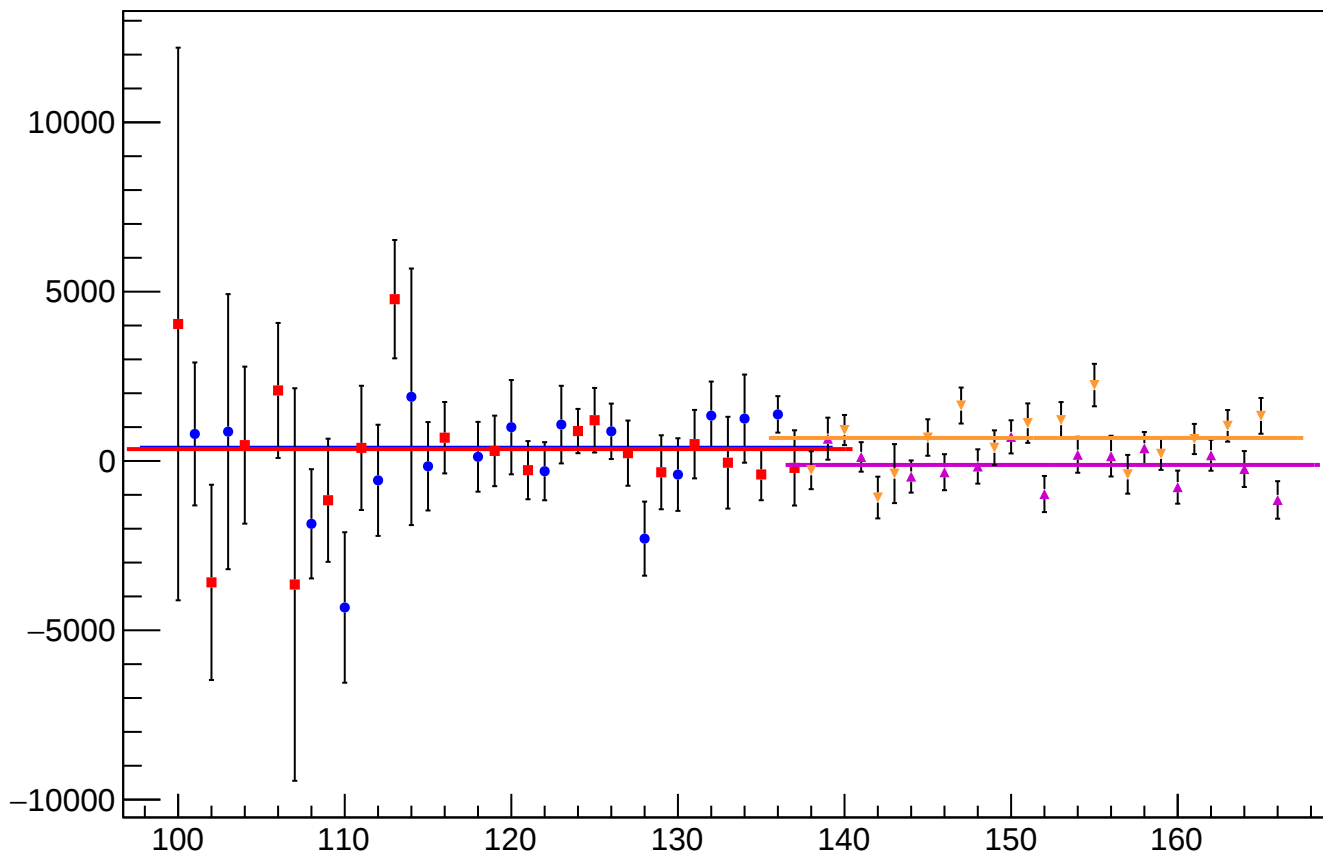
Left In: 1844.562 $\pm$ 0.396 χ^2 /NDF:5228.6/13

+ sign 1892.971 $\pm$ 0.321 χ^2 /NDF: 653000.8/31

All: 1894.805 $\pm$ 0.226 χ^2 /NDF: 1063805.4/64

- sign 1896.627 $\pm$ 0.320 χ^2 /NDF: 410739.4/32

asym_at1_dd_correction_mean vs Slug



Right In: 390.923 $\pm$ 270.128 χ^2 /NDF: 20.0/16

Left Out: 679.742 $\pm$ 137.778 χ^2 /NDF:30.7/14

Right Out: 350.642 $\pm$ 266.097 χ^2 /NDF: 14.2/18

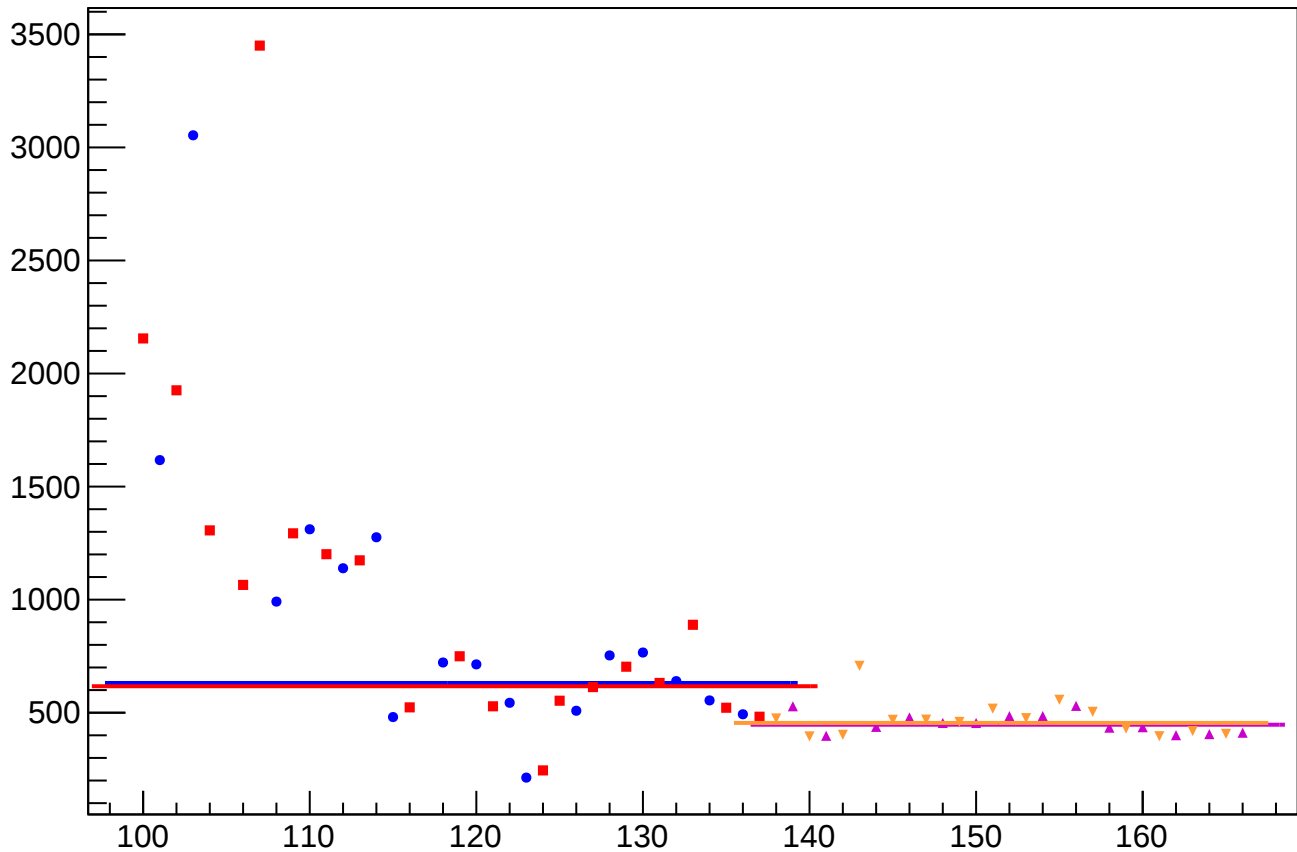
Left In: -116.730 $\pm$ 136.264 χ^2 /NDF:15.3/13

+ sign 620.117 $\pm$ 122.735 χ^2 /NDF: 51.6/31

All: 296.443 $\pm$ 86.270 χ^2 /NDF: 97.4/64

- sign -19.633 $\pm$ 121.286 χ^2 /NDF: 32.0/32

asym_at1_dd_correction_rms vs Slug



Right In: 631.430 $\pm$ 0.191 χ^2 /NDF: 2260692.7/16

Left Out: 454.819 $\pm$ 0.097 χ^2 /NDF: 387380.3/14

+ sign 491.279 $\pm$ 0.087 χ^2 /NDF: 3326500.6/31

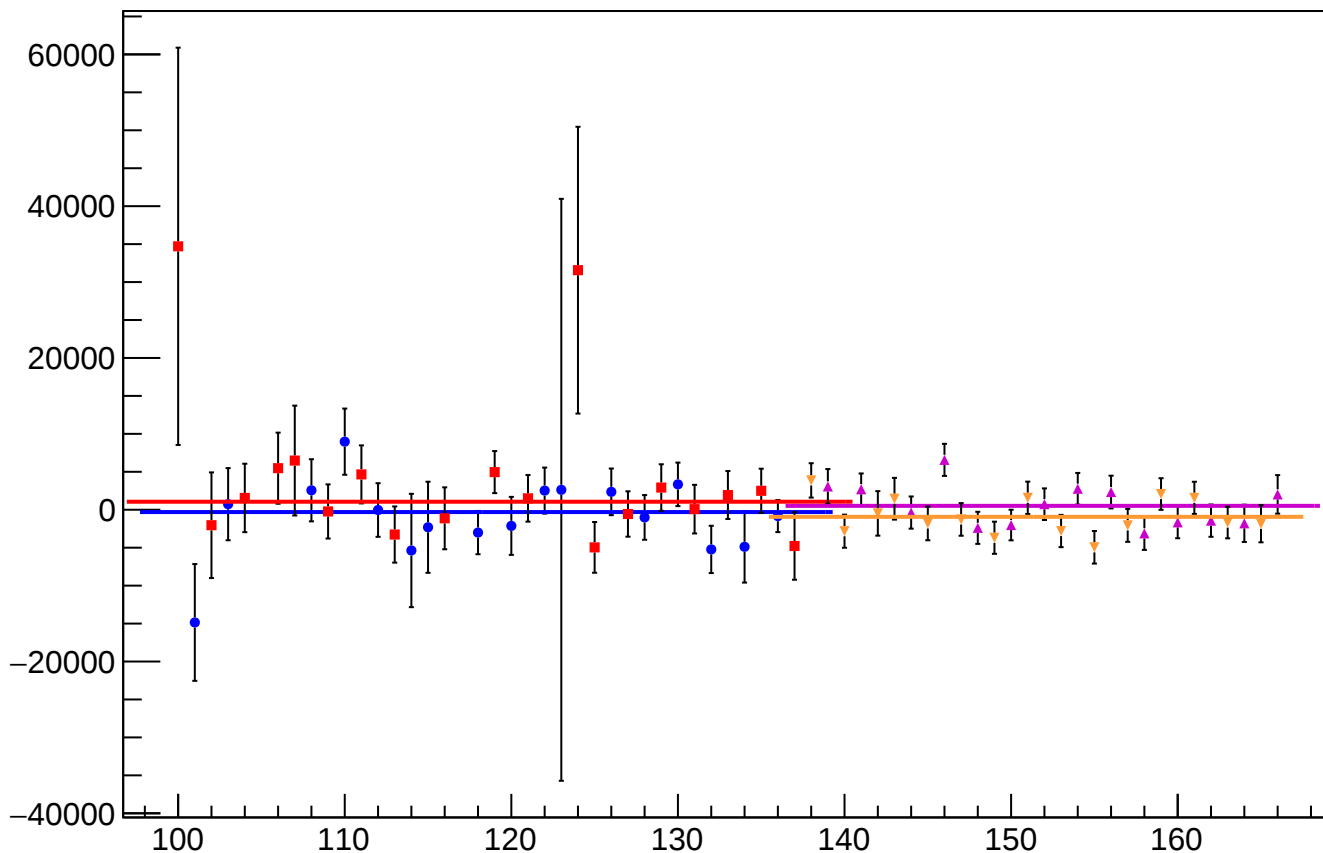
Right Out: 617.035 $\pm$ 0.188 χ^2 /NDF: 2802149.9/18

All: 486.699 $\pm$ 0.061 χ^2 /NDF: 6953426.6/64

Left In: 446.876 $\pm$ 0.096 χ^2 /NDF: 171349.1/13

- sign 482.227 $\pm$ 0.086 χ^2 /NDF: 3621422.6/32

asym_at1_dd_mean vs Slug



Right In: -305.713 ± 871.922 χ^2/NDF : 17.2/16

Left Out: -935.513 ± 575.466 χ^2/NDF : 17.6/14

Right Out: 1056.856 ± 867.445 χ^2/NDF : 16.6/18

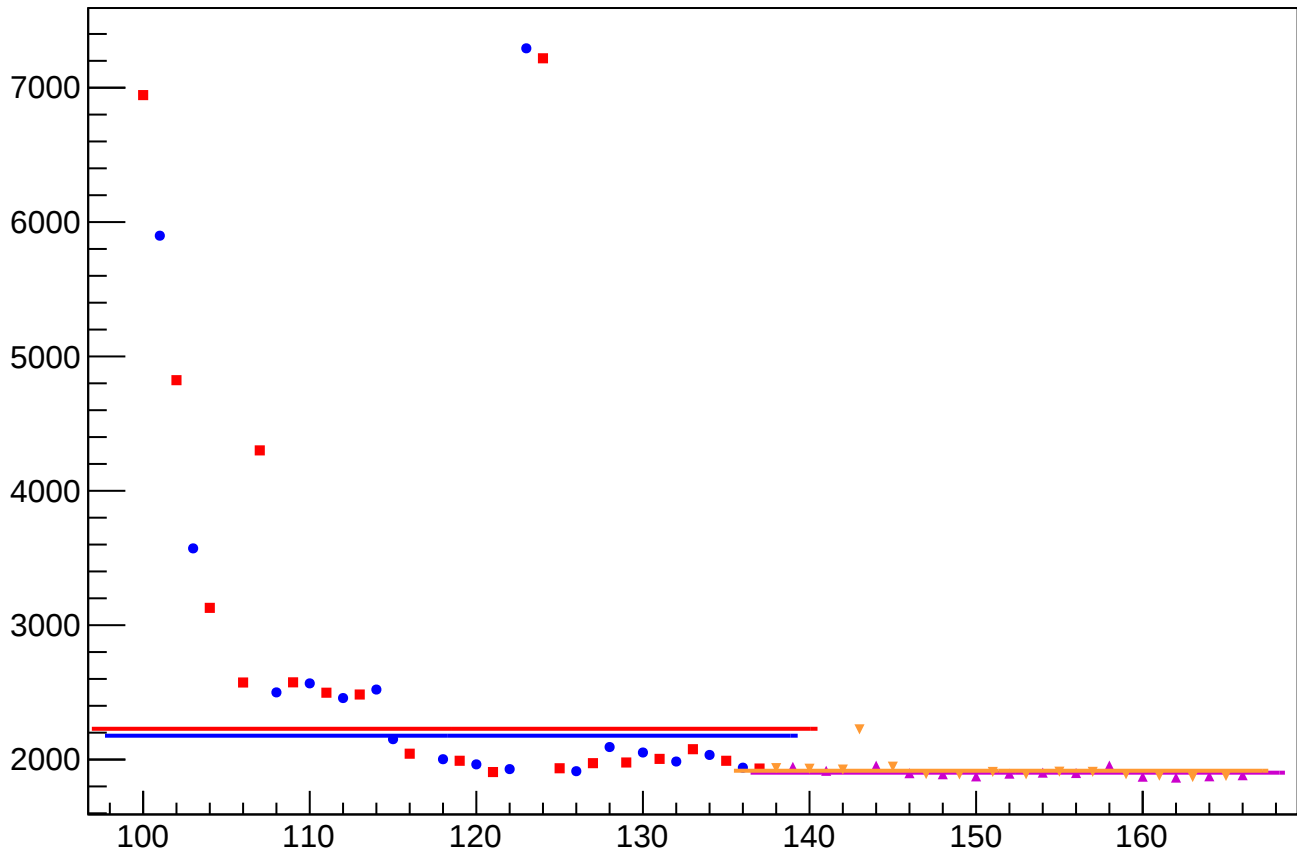
Left In: 513.049 ± 577.974 χ^2/NDF : 22.0/13

+ sign -744.416 ± 480.290 χ^2/NDF : 35.1/31

All: -33.116 ± 339.862 χ^2/NDF : 78.4/64

- sign 680.245 ± 480.986 χ^2/NDF : 38.9/32

asym_at1_dd_rms vs Slug



Right In: 2177.446 $\pm$ 0.617 χ^2 /NDF: 802836.7/16

Left Out: 1916.743 $\pm$ 0.407 χ^2 /NDF: 29236.2/14

Right Out: 2229.014 $\pm$ 0.613 χ^2 /NDF: 895809.1/18

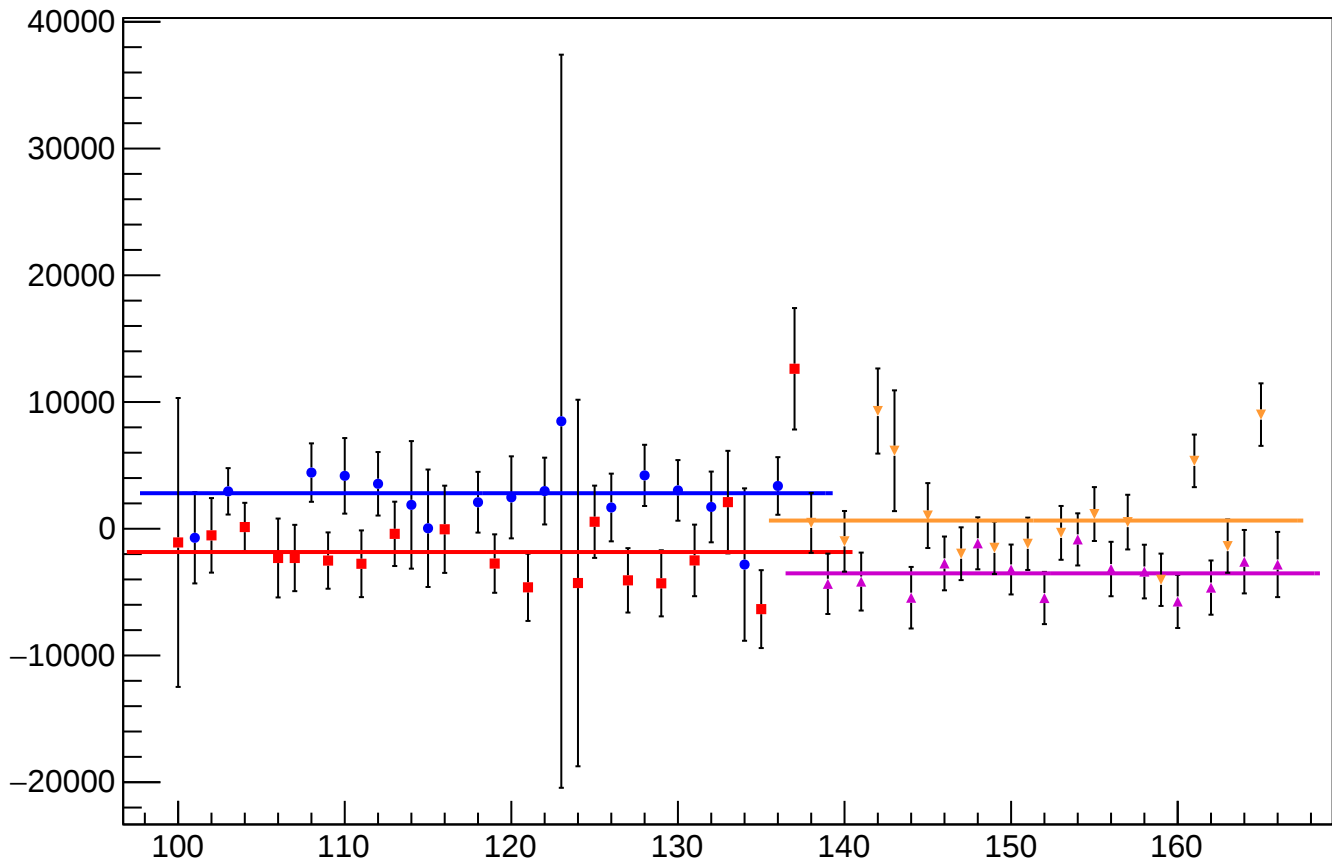
Left In: 1902.249 $\pm$ 0.409 χ^2 /NDF: 5014.7/13

+ sign 1995.847 $\pm$ 0.340 χ^2 /NDF: 956620.3/31

All: 1999.276 $\pm$ 0.240 χ^2 /NDF: 2054195.4/64

- sign 2002.714 $\pm$ 0.340 χ^2 /NDF: 1097371.0/32

reg_asym_at2_avg_mean vs Slug



Right In: 2803.917 ± 678.548 χ^2/NDF : 3.9/16

Left Out: 646.961 ± 592.134 χ^2/NDF : 34.9/14

Right Out: -1837.168 ± 655.307 χ^2/NDF : 18.0/18

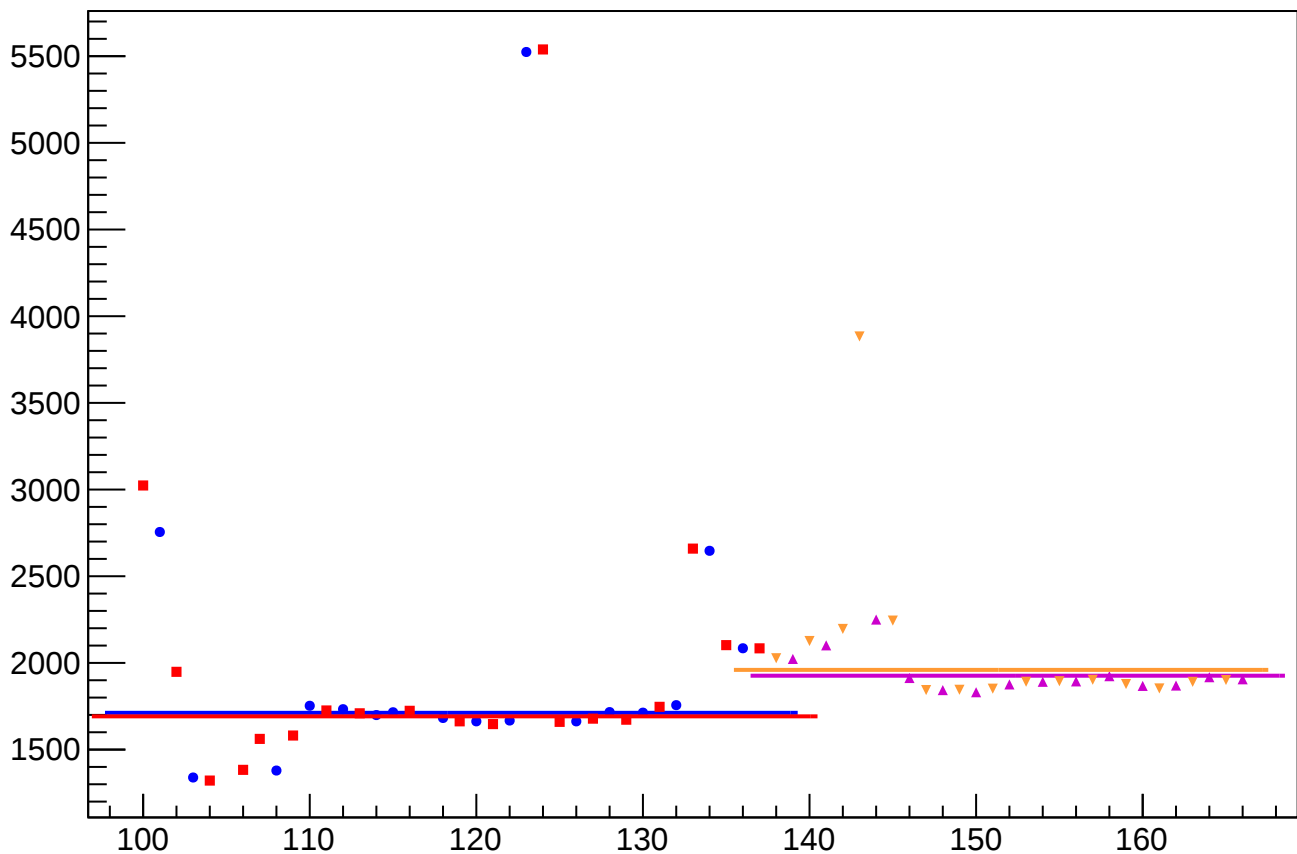
Left In: -3519.257 ± 584.808 χ^2/NDF : 6.5/13

+ sign 1579.428 ± 446.146 χ^2/NDF : 44.5/31

All: -645.487 ± 311.943 χ^2/NDF : 121.4/64

- sign -2773.528 ± 436.325 χ^2/NDF : 28.3/32

reg_asym_at2_avg_rms vs Slug



Right In: 1712.154 ± 0.480 χ^2/NDF : 432478.4/16

Left Out: 1959.800 ± 0.419 χ^2/NDF : 406678.7/14

Right Out: 1691.747 ± 0.463 χ^2/NDF : 454922.1/18

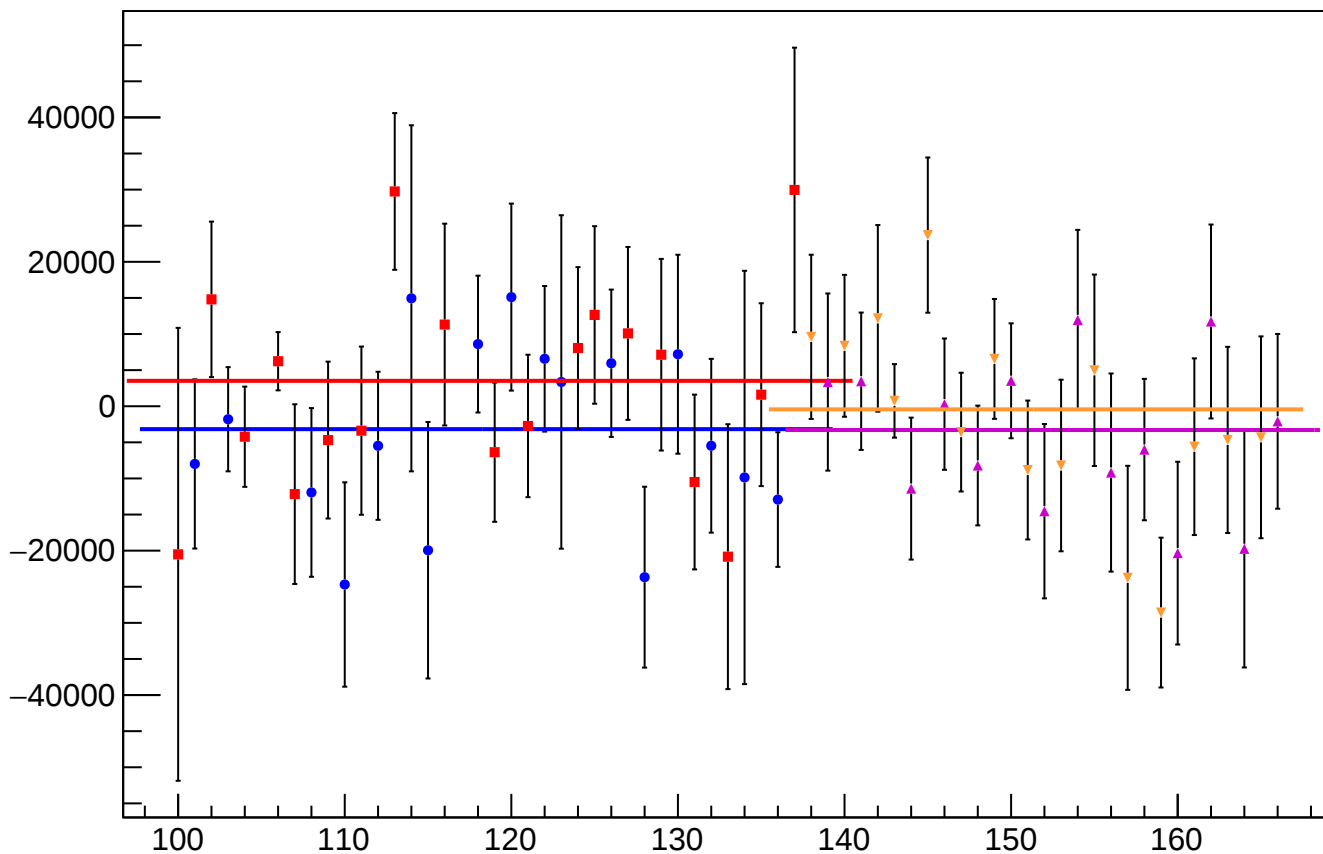
Left In: 1926.213 ± 0.414 χ^2/NDF : 64017.3/13

+ sign 1852.741 ± 0.315 χ^2/NDF : 990390.2/31

All: 1837.164 ± 0.221 χ^2/NDF : 1656627.1/64

- sign 1822.265 ± 0.309 χ^2/NDF : 661466.9/32

asym_at2_avg_correction_mean vs Slug



Right In: -3173.245 $\pm$ 2851.982 χ^2 /NDF: 14.4/16

Left Out: -432.853 $\pm$ 2536.266 χ^2 /NDF:19.8/14

Right Out: 3520.105 $\pm$ 2266.532 χ^2 /NDF: 19.5/18

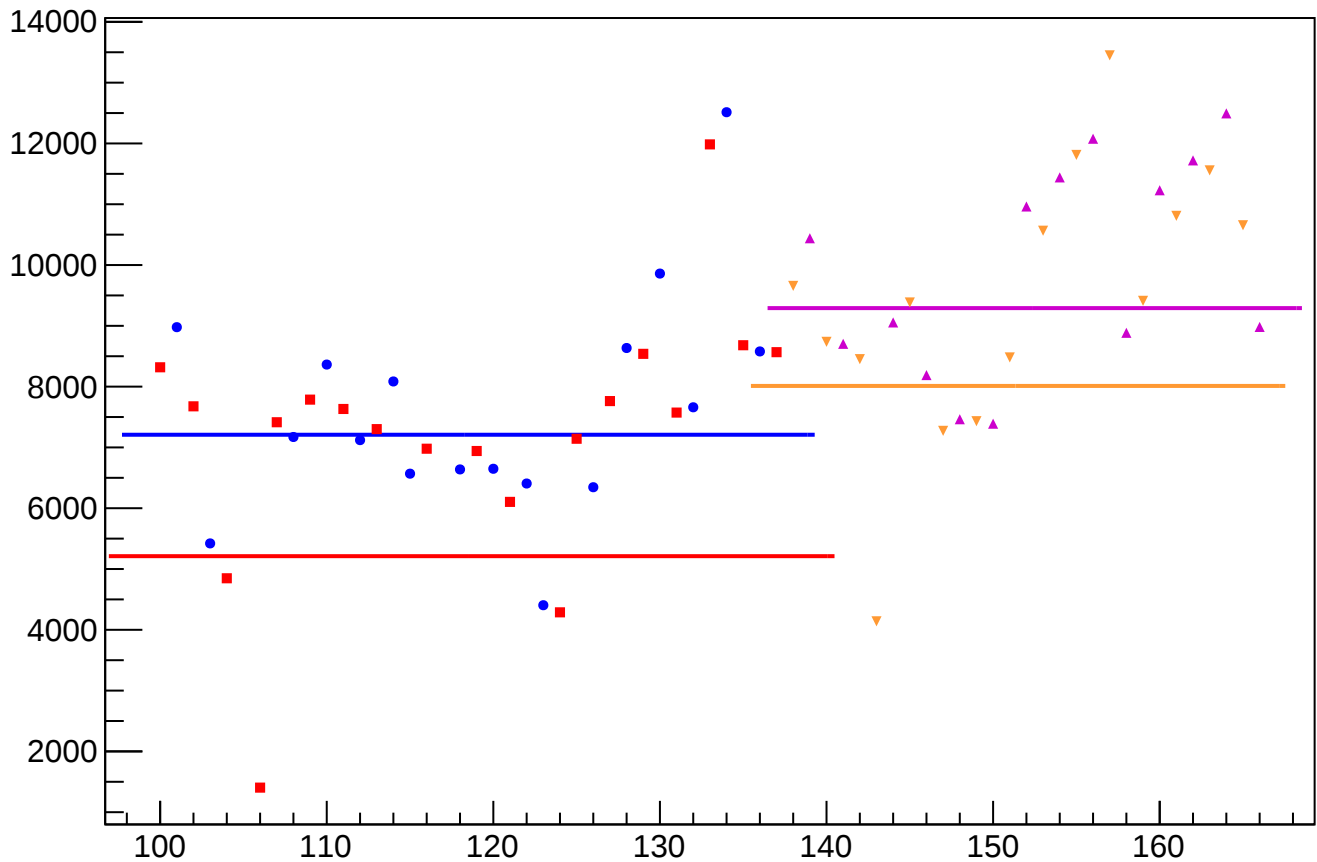
Left In: -3294.570 $\pm$ 2864.923 χ^2 /NDF:9.4/13

+ sign -1643.029 $\pm$ 1895.242 χ^2 /NDF: 34.7/31

All: -291.805 $\pm$ 1296.521 χ^2 /NDF: 68.1/64

- sign 896.782 $\pm$ 1777.528 χ^2 /NDF: 32.4/32

asym_at2_avg_correction_rms vs Slug



Right In: 7208.567+/-2.017 χ^2/NDF : 469302.0/16

Left Out: 8011.448+/-1.793 χ^2/NDF : 2141103.3/14

Right Out: 5211.187+/-1.603 χ^2/NDF : 3196870.2/18

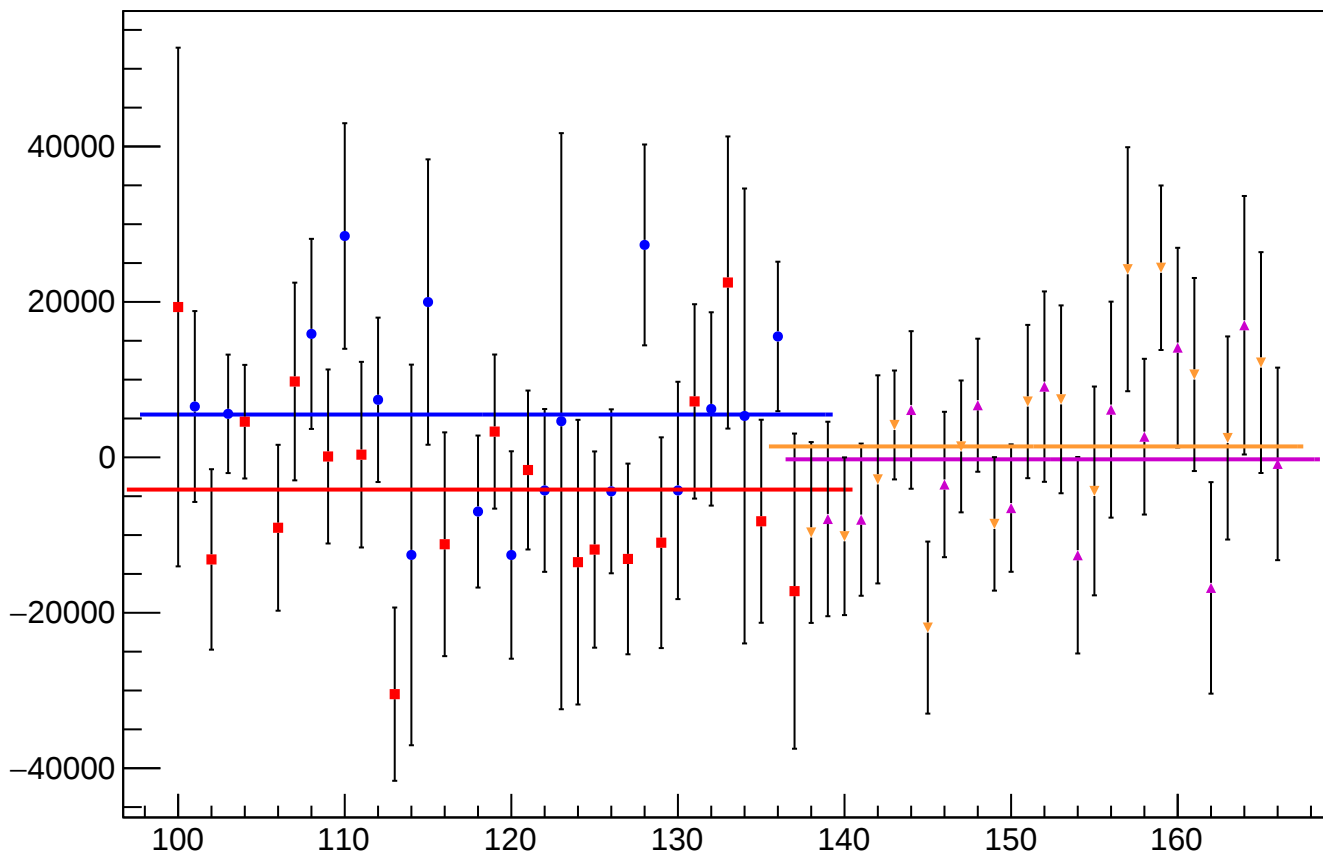
Left In: 9291.437+/-2.026 χ^2/NDF : 640476.6/13

+ sign 7656.890+/-1.340 χ^2/NDF : 2698912.5/31

All: 7191.373+/-0.917 χ^2/NDF : 9258153.2/64

- sign 6781.888+/-1.257 χ^2/NDF : 6332439.4/32

asym_at2_avg_mean vs Slug



Right In: 5509.395 $\pm$ 2971.033 χ^2 /NDF: 14.1/16

Left Out: 1404.645 $\pm$ 2756.511 χ^2 /NDF:17.0/14

Right Out: -4146.067 $\pm$ 2790.212 χ^2 /NDF: 15.4/18

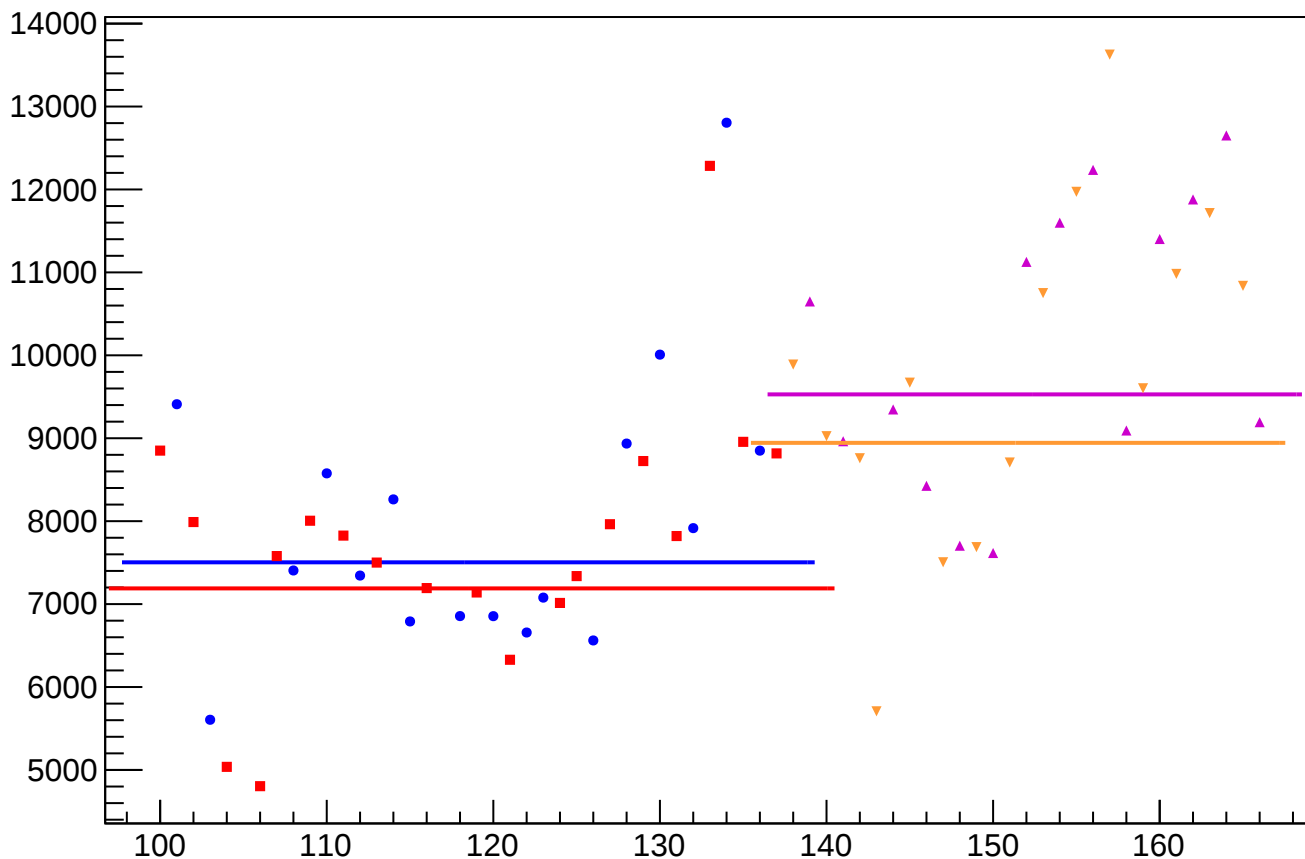
Left In: -253.703 $\pm$ 2934.206 χ^2 /NDF:8.4/13

+ sign 3303.494 $\pm$ 2020.735 χ^2 /NDF: 32.1/31

All: 504.588 $\pm$ 1429.311 χ^2 /NDF: 60.7/64

- sign -2297.733 $\pm$ 2021.967 χ^2 /NDF: 24.8/32

asym_at2_avg_rms vs Slug



Right In: 7503.667+/-2.101 χ^2/NDF : 427313.5/16

Left Out: 8944.452+/-1.949 χ^2/NDF : 1062004.6/14

Right Out: 7189.231+/-1.973 χ^2/NDF : 557703.4/18

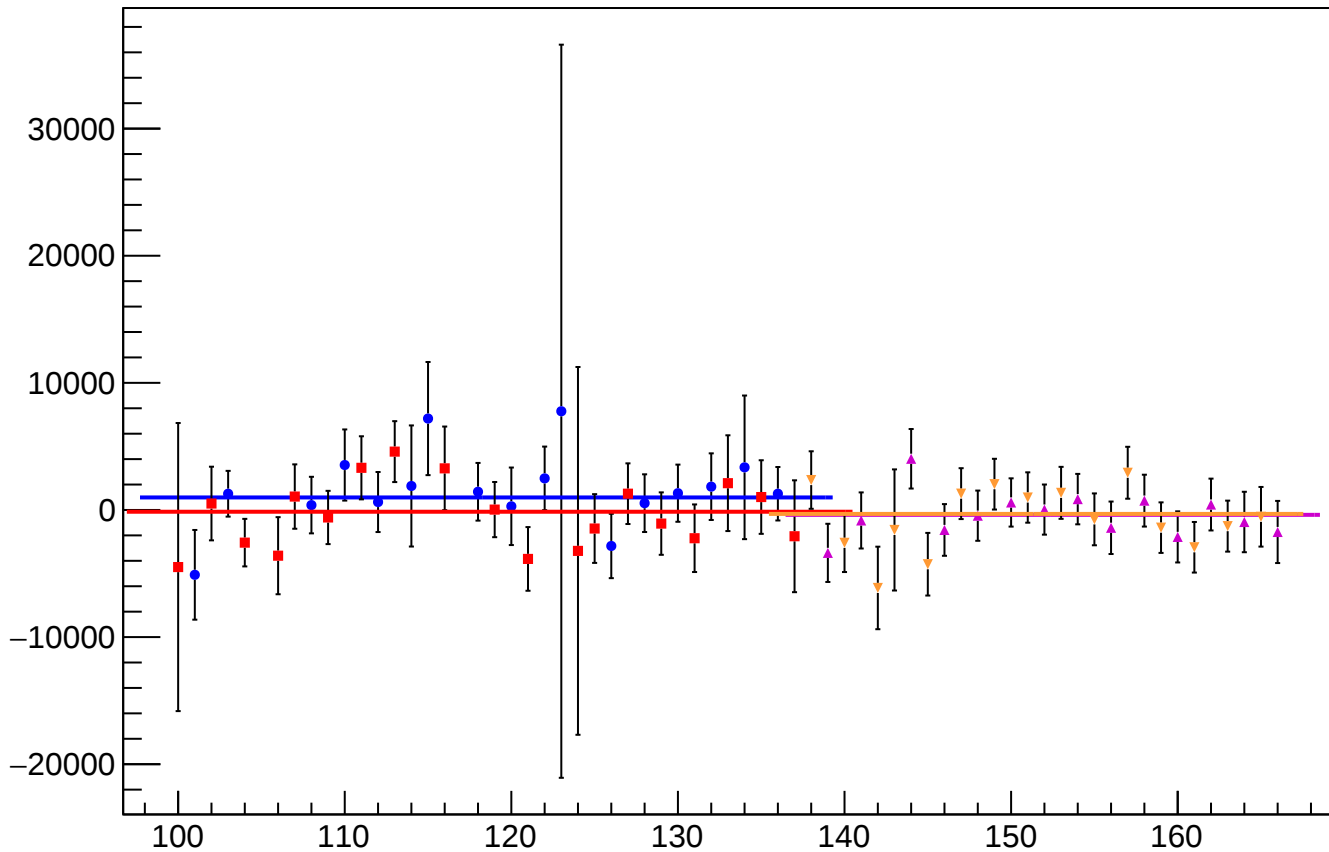
Left In: 9528.807+/-2.075 χ^2/NDF : 592444.4/13

+ sign 8277.929+/-1.429 χ^2/NDF : 1742087.5/31

All: 8288.987+/-1.011 χ^2/NDF : 3560160.3/64

- sign 8300.056+/-1.430 χ^2/NDF : 1817953.0/32

reg_asym_at2_dd_mean vs Slug



Right In: 985.452 ± 644.630 χ^2/NDF : 9.1/16

Left Out: -310.778 ± 568.110 χ^2/NDF : 16.2/14

Right Out: -138.627 ± 623.555 χ^2/NDF : 14.7/18

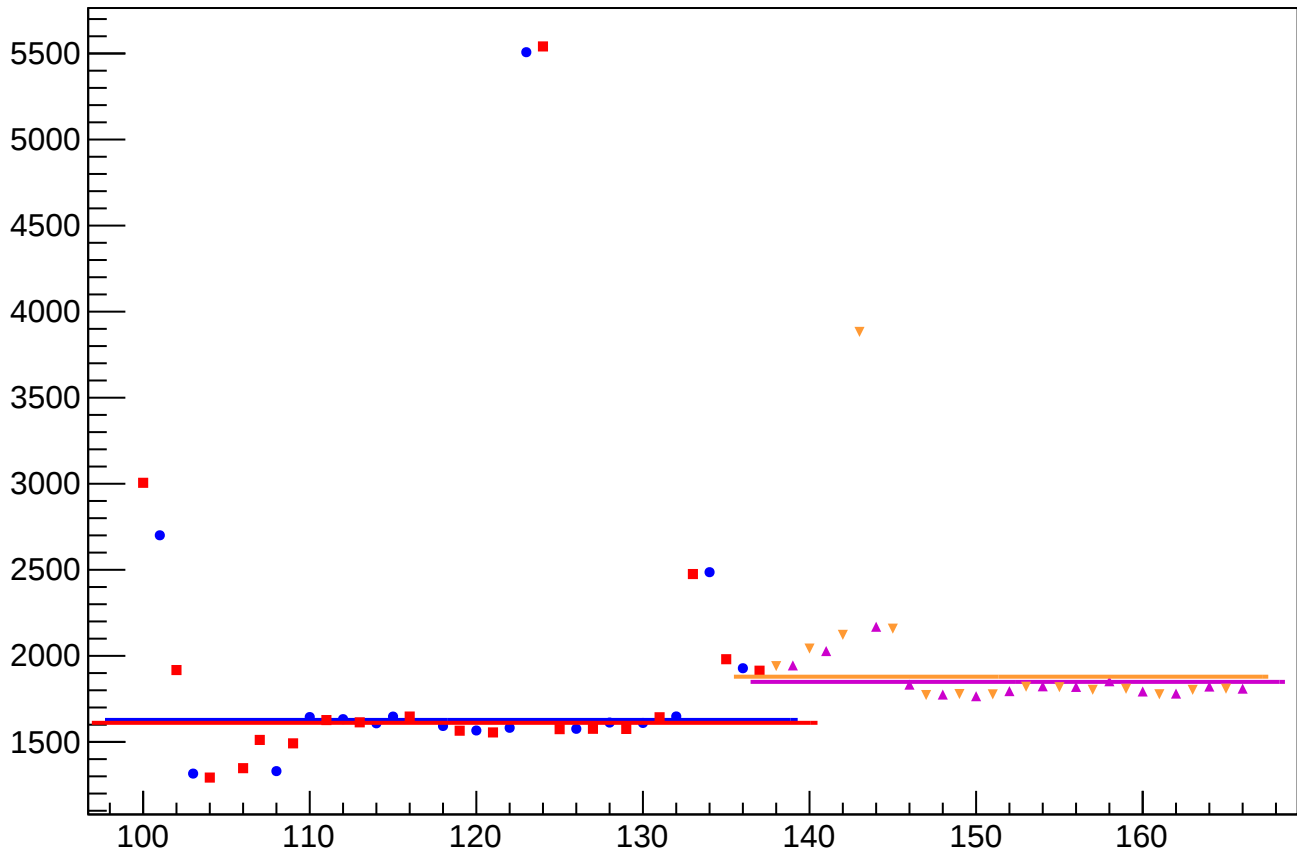
Left In: -383.515 ± 561.372 χ^2/NDF : 8.1/13

+ sign 255.874 ± 426.214 χ^2/NDF : 27.5/31

All: -14.663 ± 298.143 χ^2/NDF : 51.2/64

- sign -273.887 ± 417.207 χ^2/NDF : 22.9/32

reg_asym_at2_dd_rms vs Slug



Right In: 1627.836 $\pm$ 0.456 χ^2 /NDF: 407106.6/16

Left Out: 1878.963 $\pm$ 0.402 χ^2 /NDF: 436884.5/14

Right Out: 1610.948 $\pm$ 0.441 χ^2 /NDF: 433960.8/18

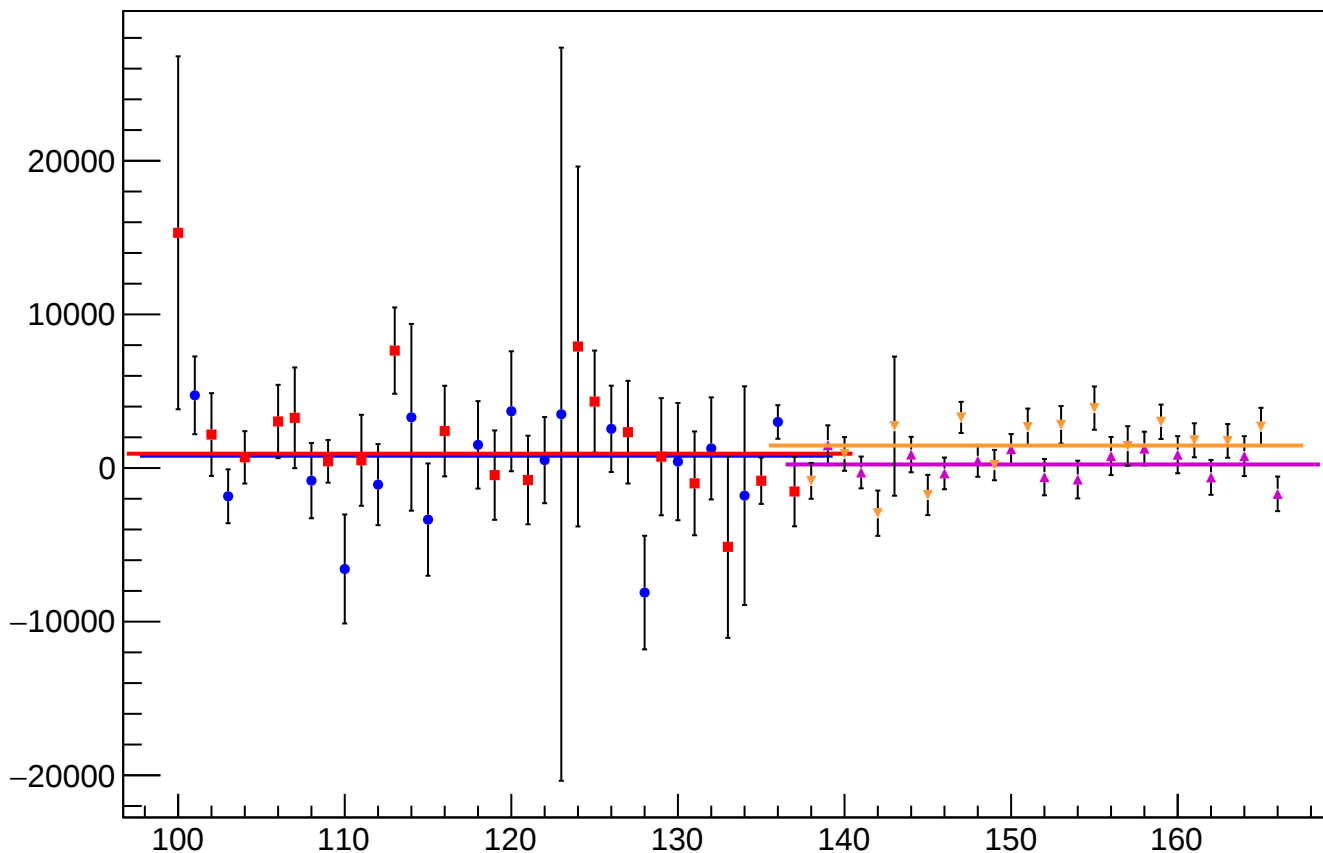
Left In: 1848.834 $\pm$ 0.397 χ^2 /NDF: 67606.7/13

+ sign 1769.182 $\pm$ 0.301 χ^2 /NDF: 1014830.0/31

All: 1755.475 $\pm$ 0.211 χ^2 /NDF: 1681223.5/64

- sign 1742.340 $\pm$ 0.295 χ^2 /NDF: 662342.7/32

asym_at2_dd_correction_mean vs Slug



Right In: 803.048 $\pm$ 631.676 χ^2 /NDF: 22.4/16

Left Out: 1465.062 $\pm$ 312.649 χ^2 /NDF:32.4/14

Right Out: 933.645 $\pm$ 589.727 χ^2 /NDF: 15.3/18

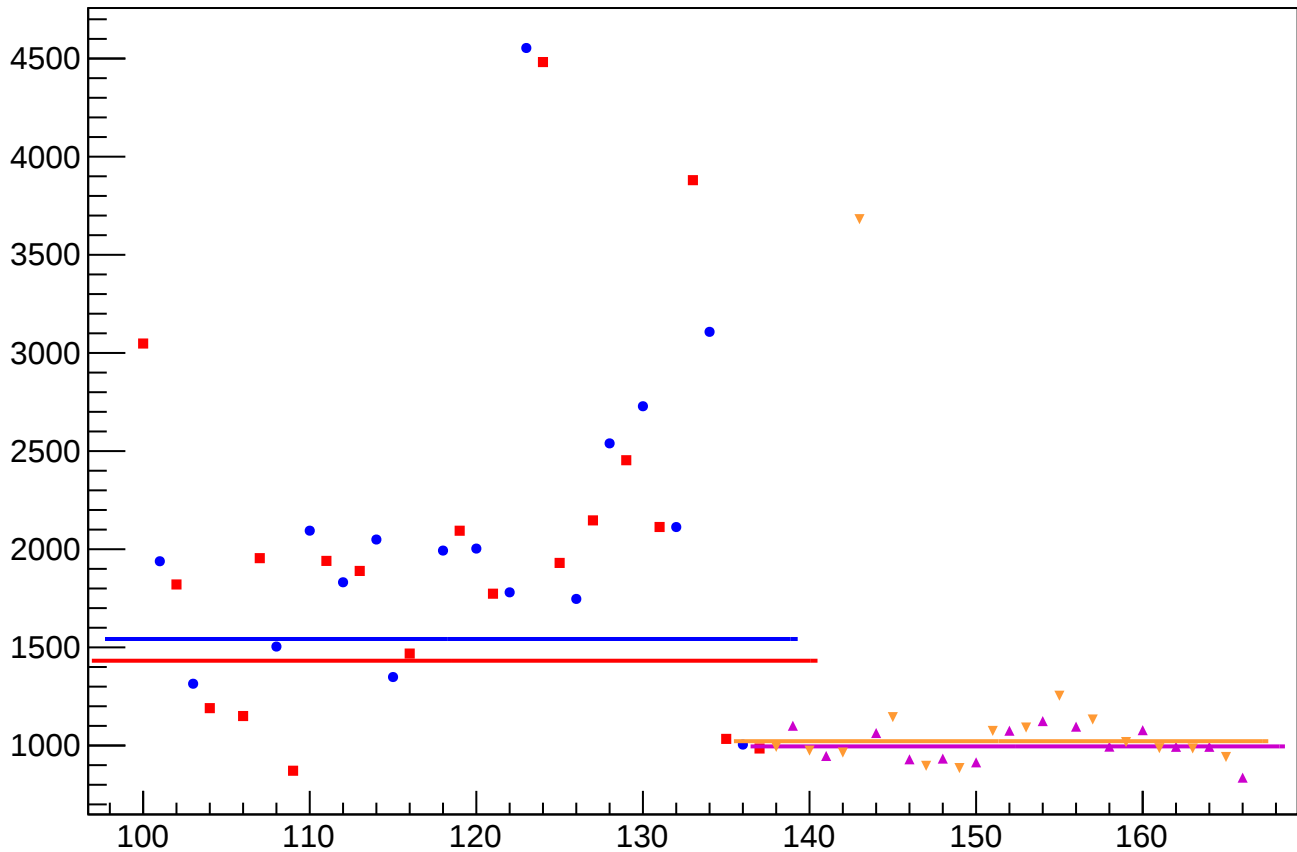
Left In: 233.391 $\pm$ 303.126 χ^2 /NDF:9.0/13

+ sign 1334.796 $\pm$ 280.205 χ^2 /NDF: 55.7/31

All: 838.844 $\pm$ 194.276 χ^2 /NDF: 87.1/64

- sign 379.737 $\pm$ 269.596 χ^2 /NDF: 25.4/32

asym_at2_dd_correction_rms vs Slug



Right In: 1542.705 $\pm$ 0.447 χ^2 /NDF: 1287946.3/16

Left Out: 1022.034 $\pm$ 0.221 χ^2 /NDF: 876343.6/14

+ sign 1124.487 $\pm$ 0.198 χ^2 /NDF: 3255748.7/31

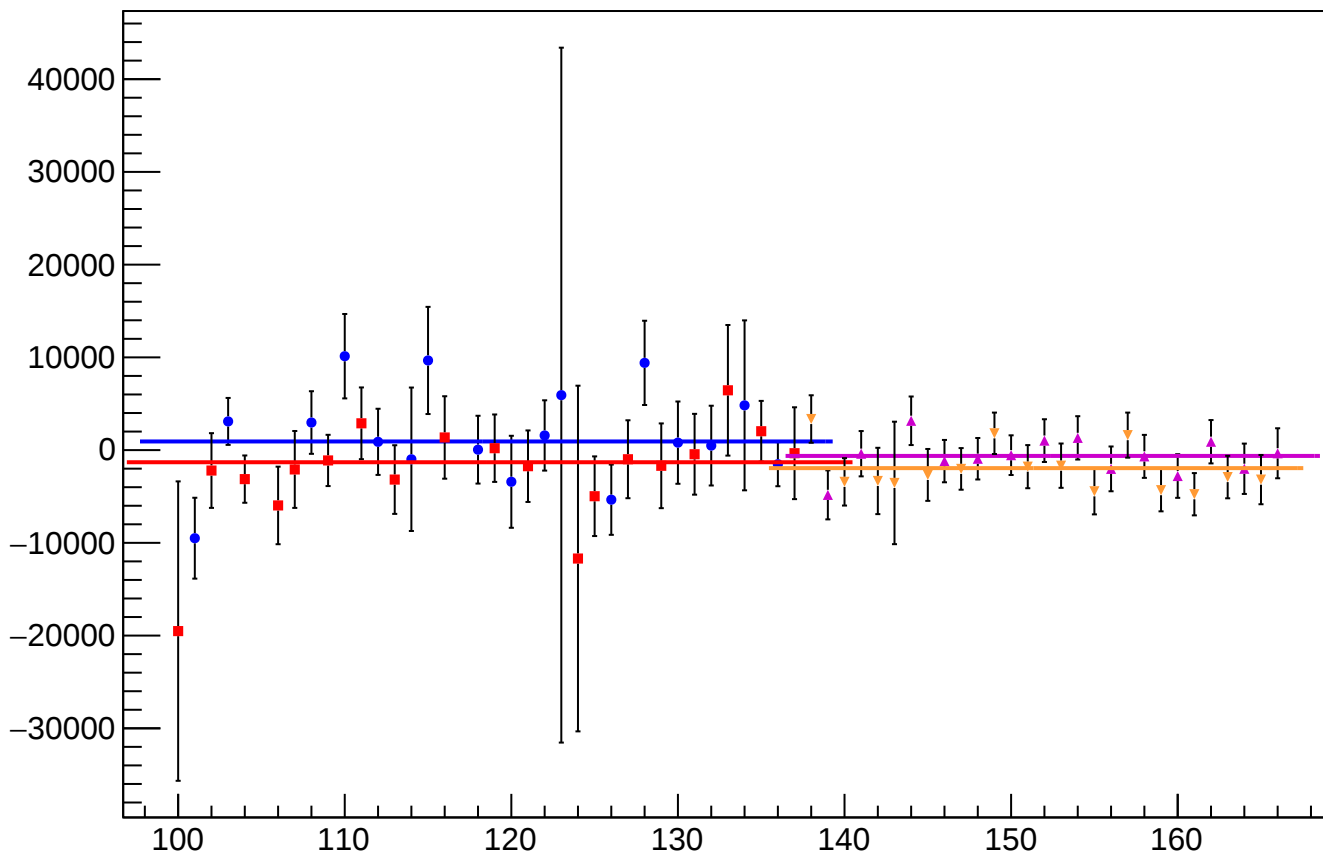
Right Out: 1432.013 $\pm$ 0.417 χ^2 /NDF: 1823809.4/18

All: 1104.888 $\pm$ 0.137 χ^2 /NDF: 6112287.4/64

Left In: 995.523 $\pm$ 0.214 χ^2 /NDF: 147208.2/13

- sign 1086.745 $\pm$ 0.191 χ^2 /NDF: 2837696.4/32

asym_at2_dd_mean vs Slug



Right In: 932.818 ± 967.941 χ^2/NDF : 21.6/16

Left Out: -1943.202 ± 653.563 χ^2/NDF : 13.9/14

Right Out: -1307.802 ± 925.415 χ^2/NDF : 8.5/18

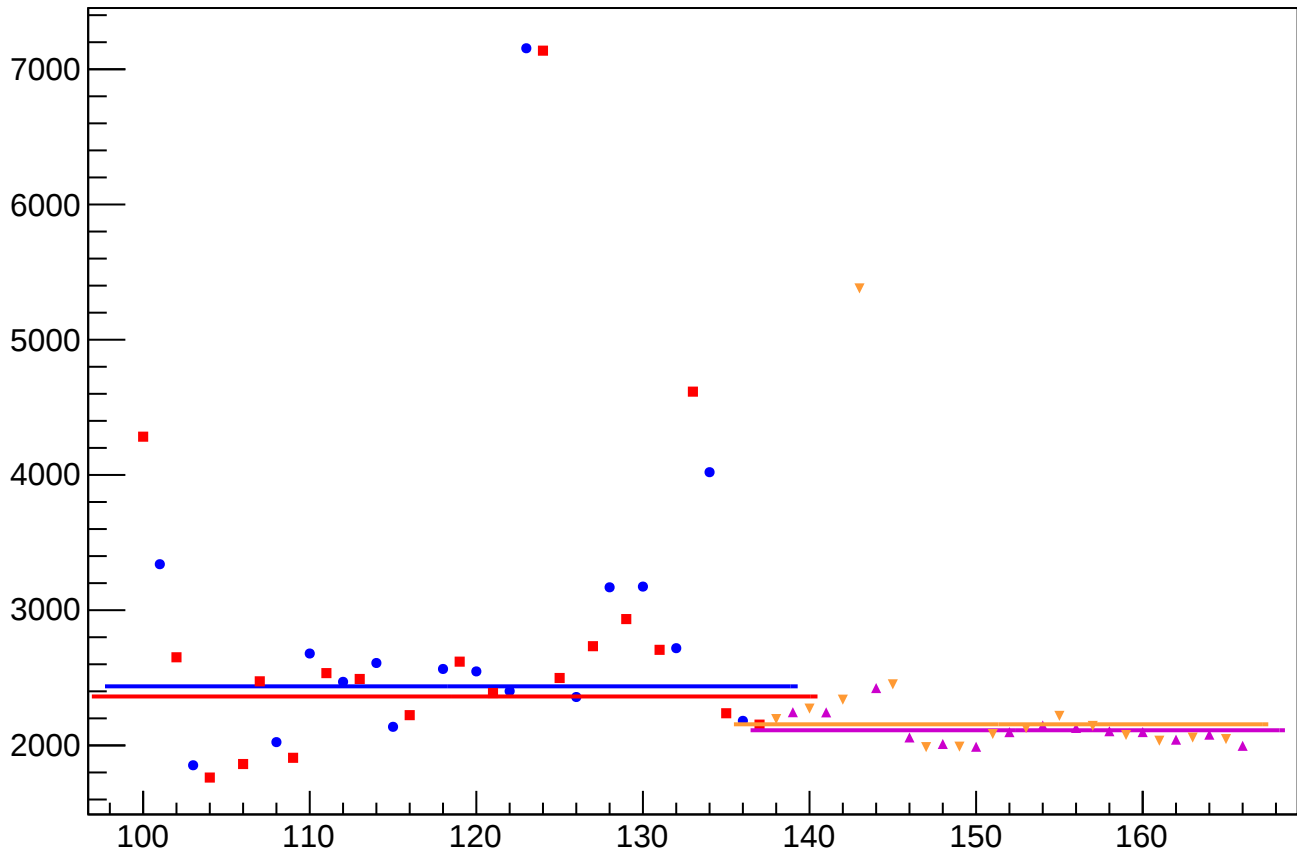
Left In: -626.283 ± 641.133 χ^2/NDF : 7.8/13

+ sign -1042.595 ± 541.652 χ^2/NDF : 41.6/31

All: -942.277 ± 377.723 χ^2/NDF : 58.3/64

- sign -847.310 ± 527.012 χ^2/NDF : 16.6/32

asym_at2_dd_rms vs Slug



Right In: 2436.855+/-0.684 χ^2/NDF : 469030.2/16

Left Out: 2156.128+/-0.462 χ^2/NDF : 549500.1/14

Right Out: 2361.880+/-0.654 χ^2/NDF : 655847.5/18

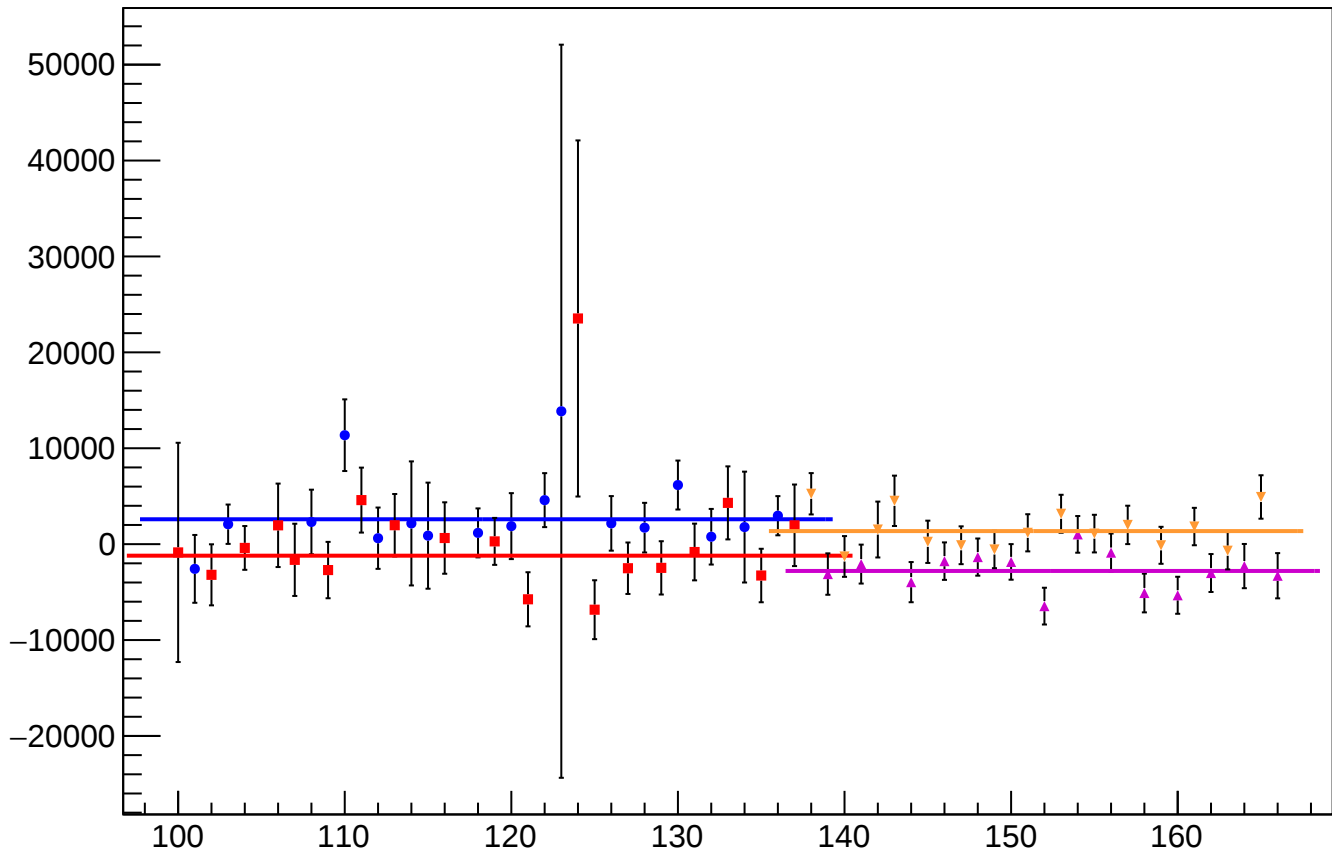
Left In: 2112.088+/-0.453 χ^2/NDF : 57480.5/13

+ sign 2244.036+/-0.383 χ^2/NDF : 1134080.1/31

All: 2217.870+/-0.267 χ^2/NDF : 1954953.8/64

- sign 2193.100+/-0.373 χ^2/NDF : 811788.2/32

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2594.684 $\pm$ 743.000 χ^2 /NDF: 11.7/16

Left Out: 1361.869 $\pm$ 538.626 χ^2 /NDF:13.2/14

Right Out: -1202.548 $\pm$ 739.618 χ^2 /NDF: 17.2/18

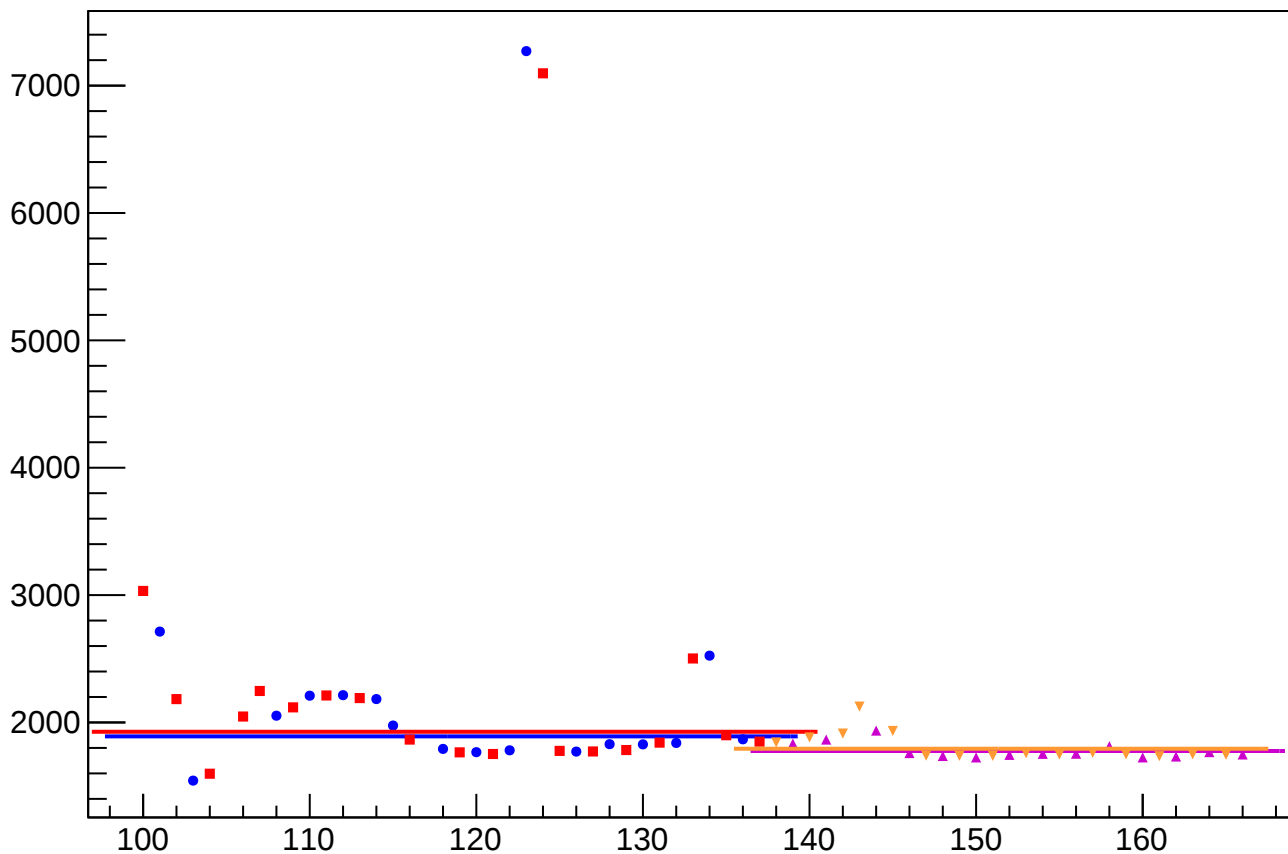
Left In: -2795.387 $\pm$ 539.269 χ^2 /NDF:13.2/13

+ sign 1786.561 $\pm$ 436.091 χ^2 /NDF: 26.7/31

All: -229.588 $\pm$ 308.240 χ^2 /NDF: 102.9/64

- sign -2242.522 $\pm$ 435.743 χ^2 /NDF: 33.5/32

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1890.721+/-0.525 χ^2/NDF : 288944.9/16

Left Out: 1793.690+/-0.381 χ^2/NDF : 59478.8/14

Right Out: 1926.949+/-0.522 χ^2/NDF : 362254.5/18

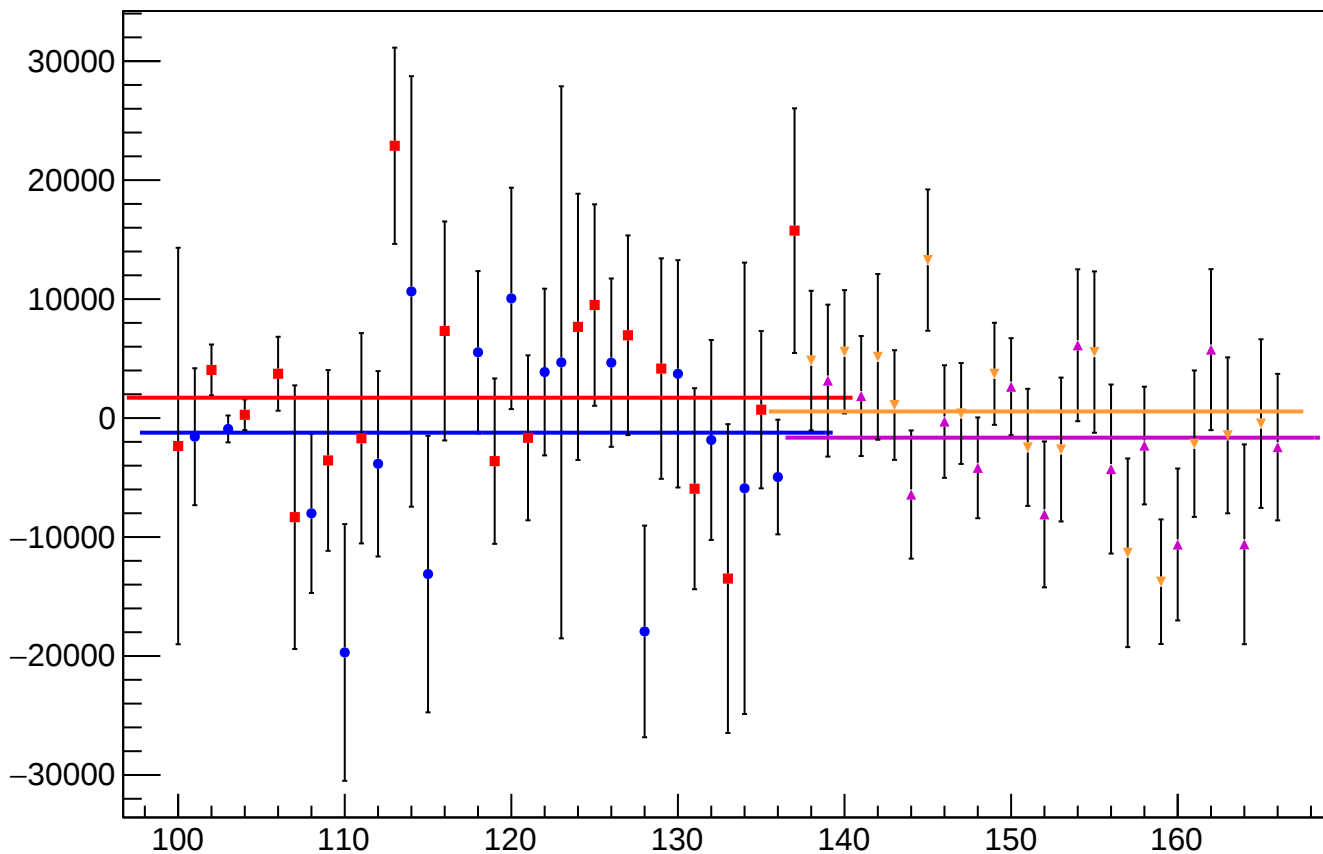
Left In: 1775.893+/-0.381 χ^2/NDF : 23804.8/13

+ sign 1827.116+/-0.308 χ^2/NDF : 370783.0/31

All: 1827.774+/-0.218 χ^2/NDF : 811431.7/64

- sign 1828.431+/-0.308 χ^2/NDF : 440639.6/32

asym_atl1r2_avg_correction_mean vs Slug



Right In: -1226.915 $\pm$ 984.603 χ^2/NDF : 13.8/16

Left Out: 557.409 $\pm$ 1436.608 χ^2/NDF : 18.3/14

Right Out: 1711.747 $\pm$ 941.580 χ^2/NDF : 17.8/18

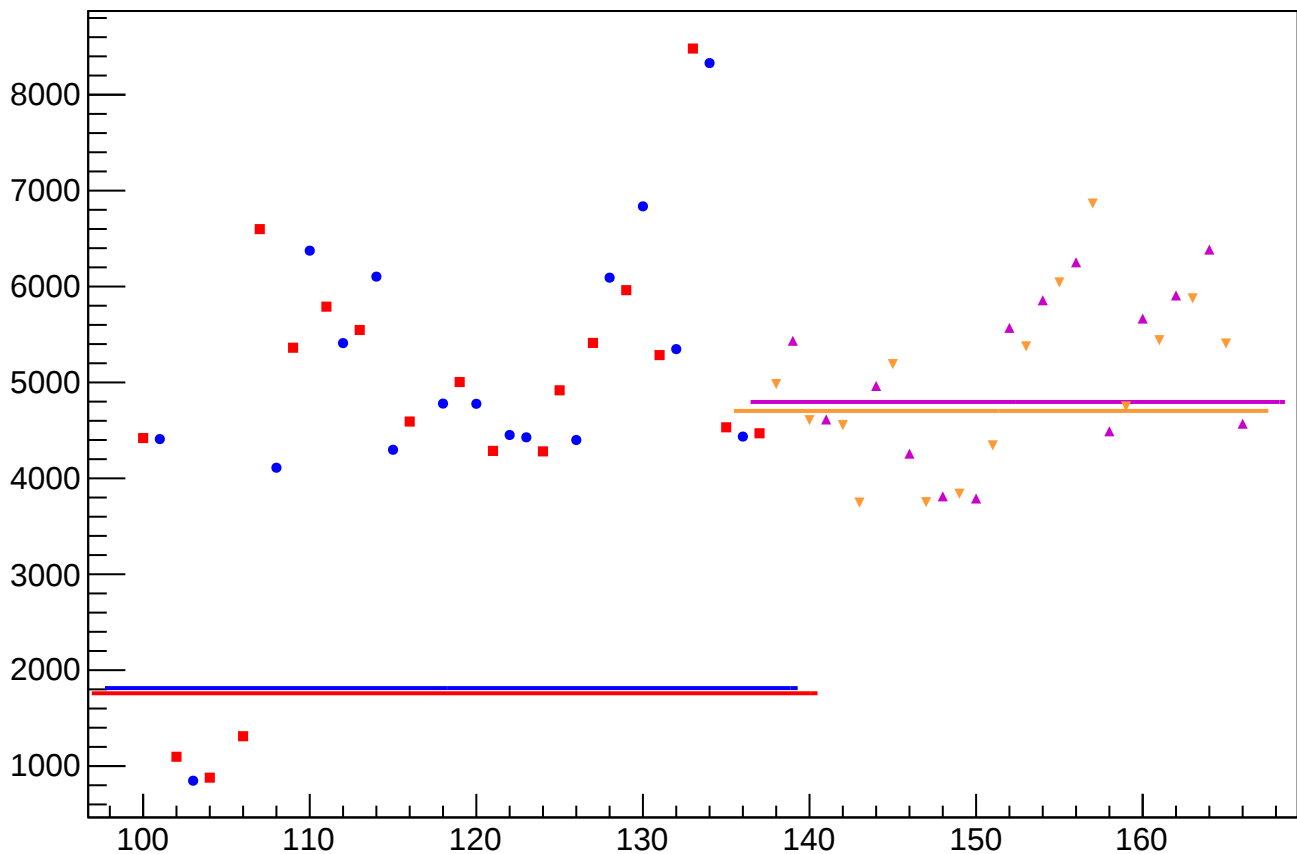
Left In: -1647.027 $\pm$ 1478.631 χ^2/NDF : 10.4/13

+ sign -656.642 $\pm$ 812.162 χ^2/NDF : 33.1/31

All: 58.657 $\pm$ 567.836 χ^2/NDF : 66.6/64

- sign 742.703 $\pm$ 794.221 χ^2/NDF : 31.9/32

asym_atl1r2_avg_correction_rms vs Slug



Right In: 1813.195+/-0.696 χ^2/NDF : 6449038.4/16

Left Out: 4703.160+/-1.016 χ^2/NDF : 662216.3/14

Right Out: 1759.135+/-0.666 χ^2/NDF : 6313068.7/18

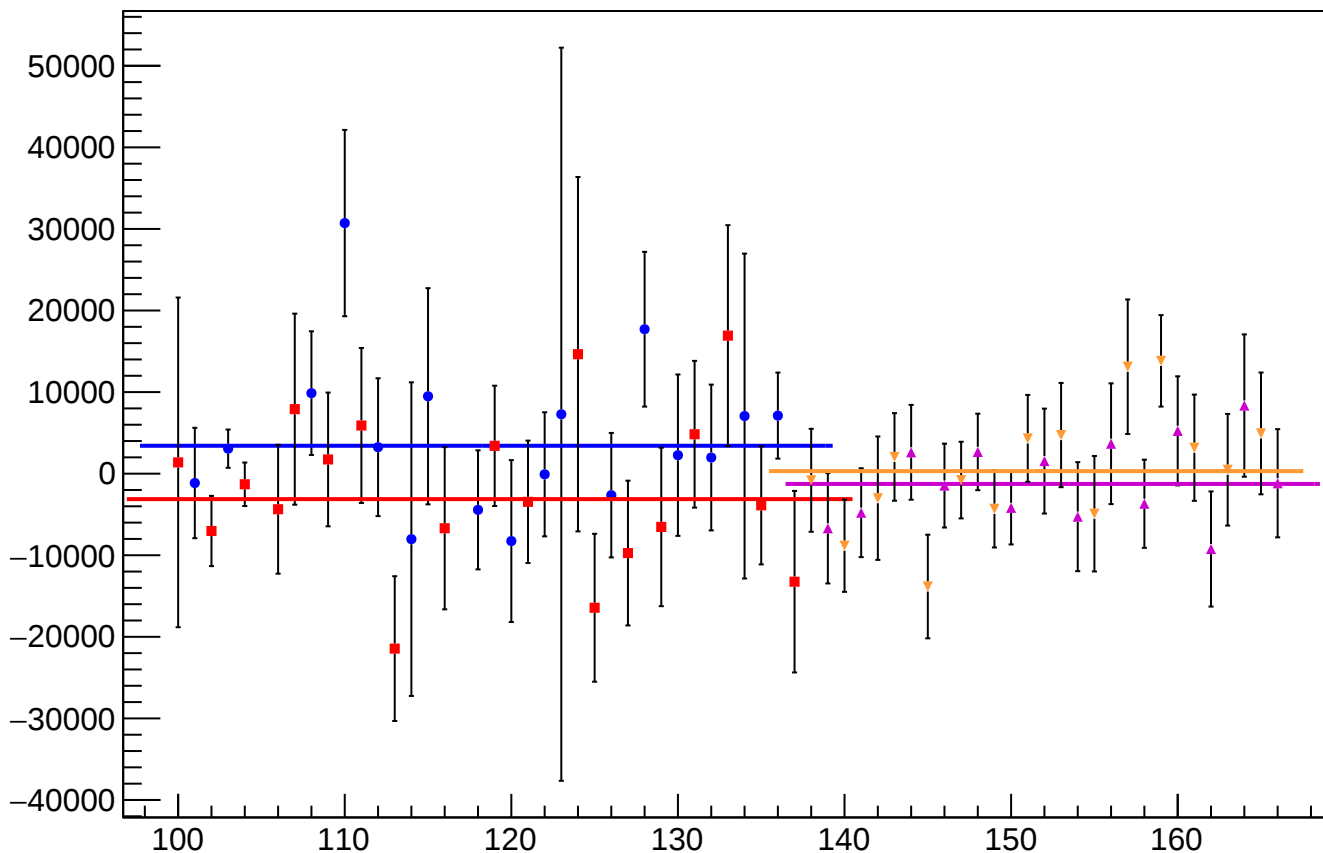
Left In: 4796.518+/-1.046 χ^2/NDF : 623834.0/13

+ sign 2736.833+/-0.574 χ^2/NDF : 12618087.7/31

All: 2685.012+/-0.402 χ^2/NDF : 25575425.2/6

- sign 2635.454+/-0.562 χ^2/NDF : 12941408.0/32

asym_atl1r2_avg_mean vs Slug



Right In: 3421.264+/-1606.678 χ^2/NDF : 13.7/16

Left Out: 312.635+/-1557.520 χ^2/NDF : 19.3/14

Right Out: -3117.857+/-1605.930 χ^2/NDF : 16.0/18

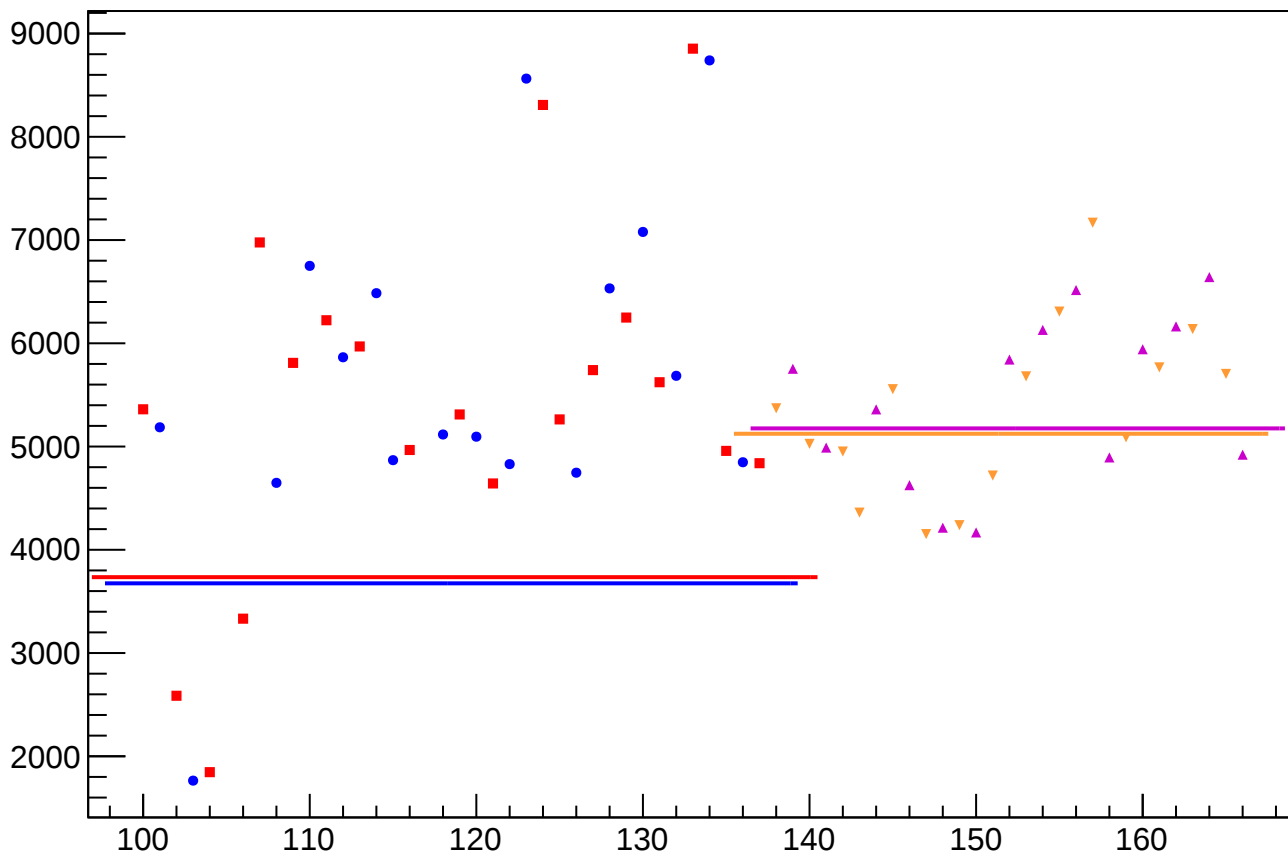
Left In: -1257.176+/-1589.871 χ^2/NDF : 7.3/13

+ sign 1818.667+/-1118.308 χ^2/NDF : 34.9/31

All: -159.242+/-794.810 χ^2/NDF : 65.2/64

- sign -2178.167+/-1129.843 χ^2/NDF : 24.0/32

asym_atl1r2_avg_rms vs Slug



Right In: 3675.003 ± 1.136 χ^2/NDF : 2775085.7/16

Left Out: 5123.844 ± 1.101 χ^2/NDF : 490835.4/14

Right Out: 3734.796 ± 1.128 χ^2/NDF : 2693929.0/18

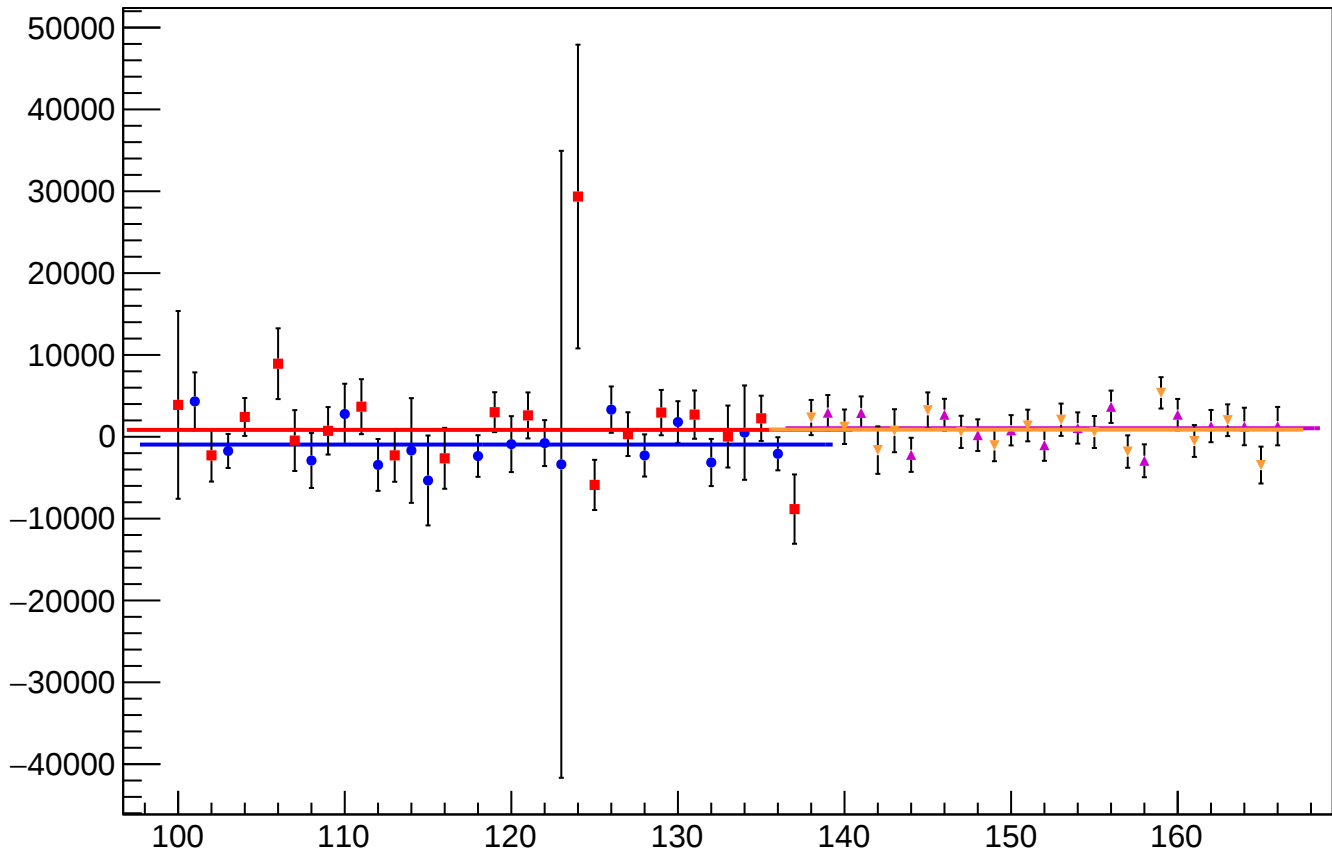
Left In: 5175.684 ± 1.124 χ^2/NDF : 485025.2/13

+ sign 4421.926 ± 0.791 χ^2/NDF : 4104355.6/31

All: 4439.679 ± 0.561 χ^2/NDF : 8102909.4/64

- sign 4457.681 ± 0.796 χ^2/NDF : 3997538.6/32

reg_asym_atl1r2_dd_mean vs Slug



Right In: -951.377 ± 740.668 χ^2/NDF : 10.0/16

Left Out: 871.549 ± 536.294 χ^2/NDF : 15.8/14

Right Out: 843.515 ± 737.527 χ^2/NDF : 22.5/18

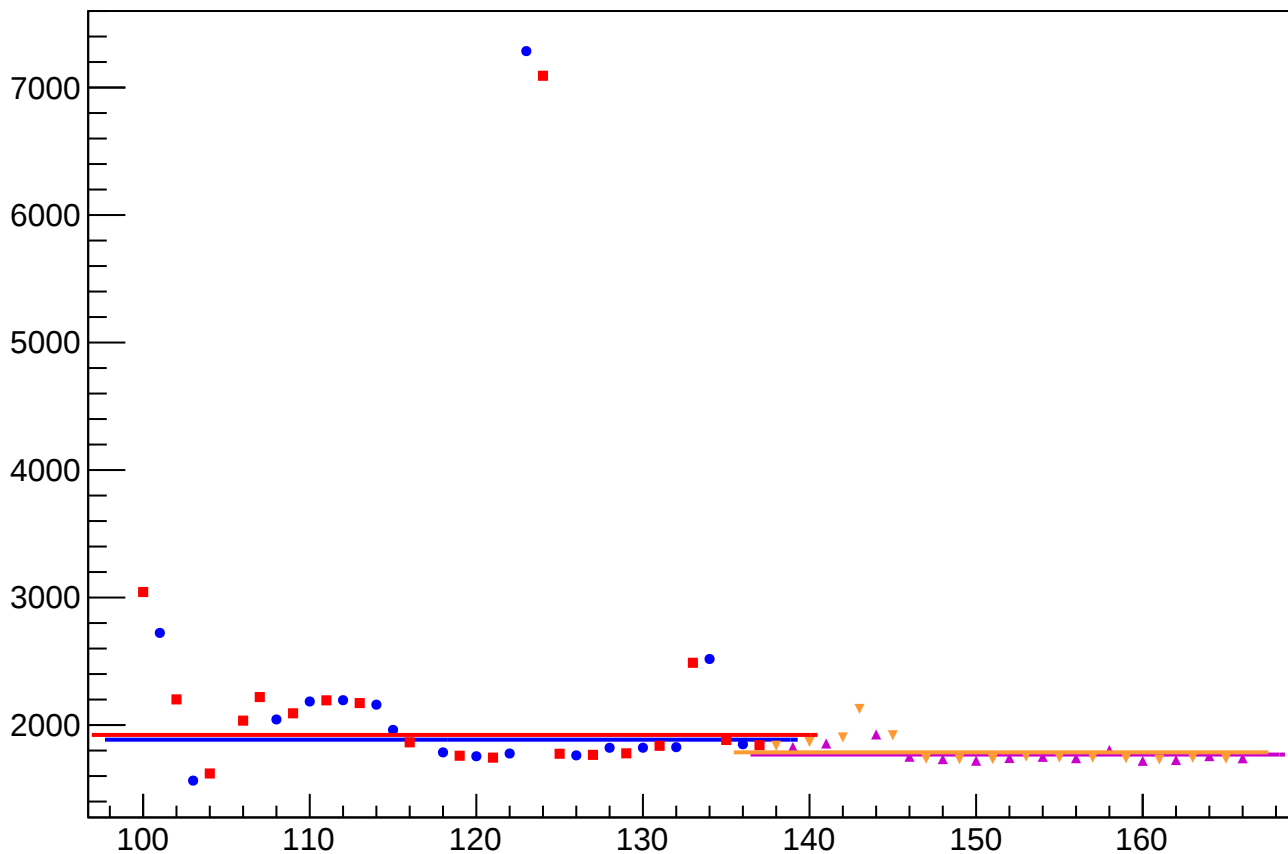
Left In: 1043.240 ± 536.999 χ^2/NDF : 12.6/13

+ sign 244.554 ± 434.381 χ^2/NDF : 29.7/31

All: 609.519 ± 307.061 χ^2/NDF : 66.3/64

- sign 974.042 ± 434.118 χ^2/NDF : 35.2/32

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1885.360+/-0.524 χ^2/NDF : 280429.0/16

Left Out: 1785.962+/-0.379 χ^2/NDF : 59955.1/14

Right Out: 1922.538+/-0.521 χ^2/NDF : 351512.1/18

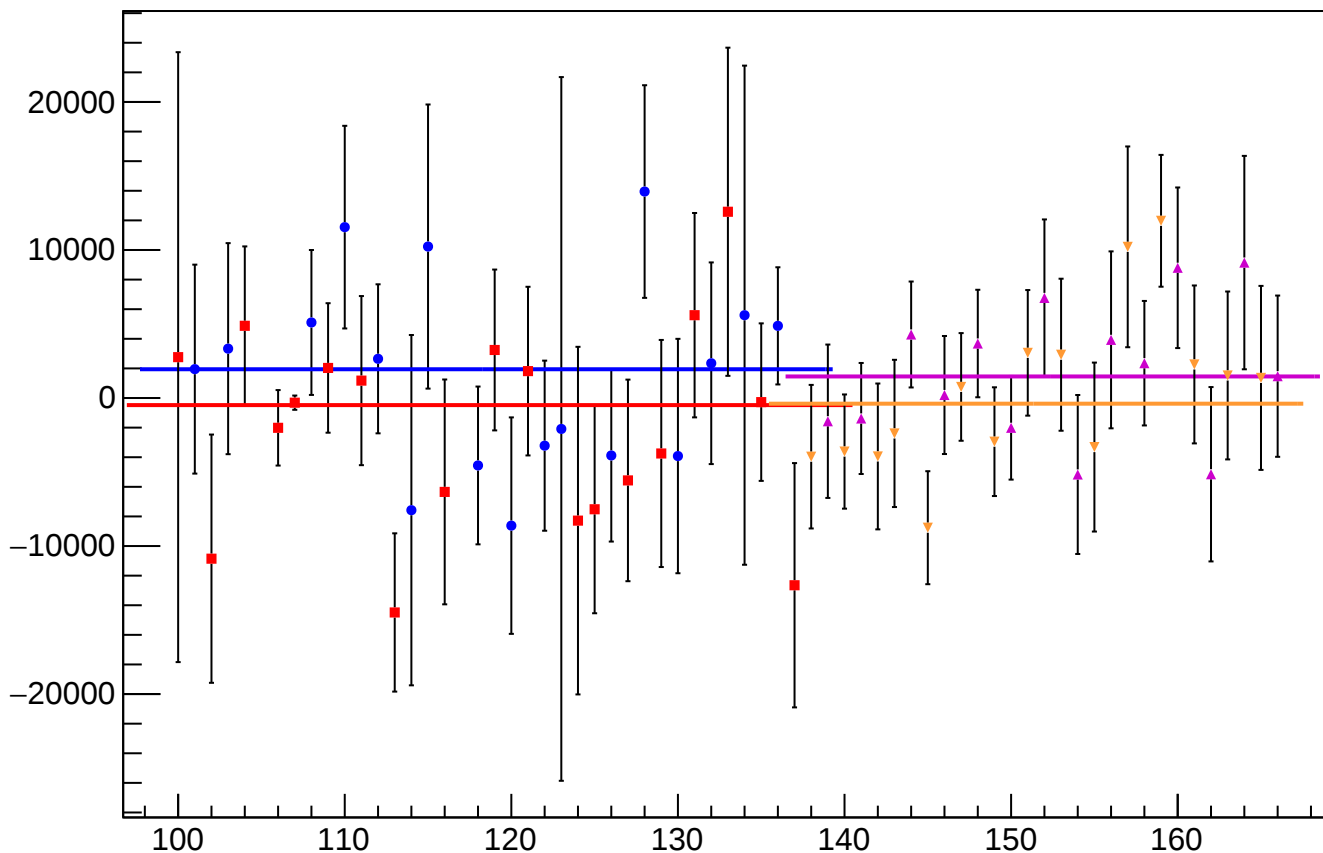
Left In: 1768.447+/-0.380 χ^2/NDF : 23104.7/13

+ sign 1820.150+/-0.307 χ^2/NDF : 364014.9/31

All: 1821.047+/-0.217 χ^2/NDF : 795821.4/64

- sign 1821.943+/-0.307 χ^2/NDF : 431789.4/32

asym_atl1r2_dd_correction_mean vs Slug



Right In: 1943.178+/-1581.060 χ^2/NDF : 13.2/16

Left Out: -383.175+/-1196.749 χ^2/NDF : 19.2/14

Right Out: -478.828+/-453.684 χ^2/NDF : 18.1/18

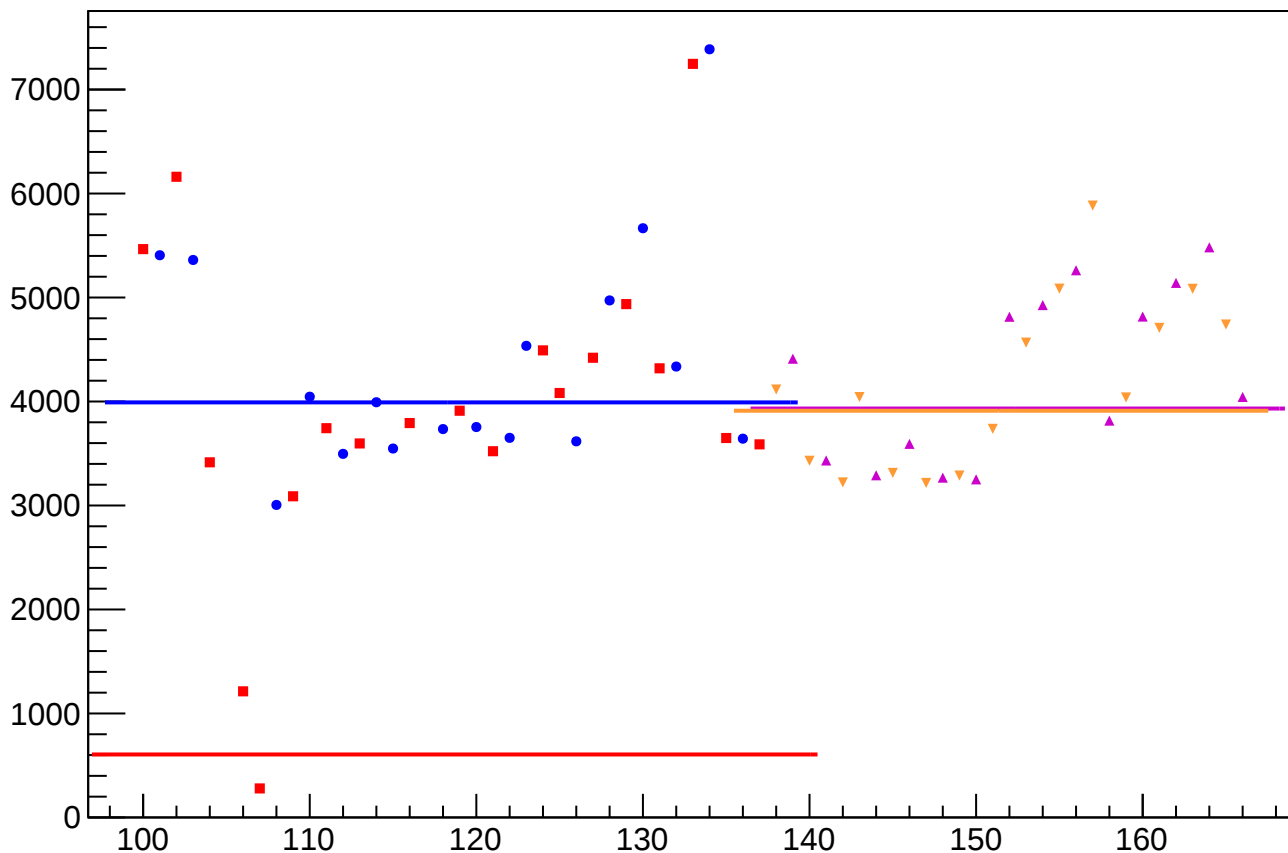
Left In: 1456.752+/-1215.066 χ^2/NDF : 10.0/13

+ sign 464.195+/-954.217 χ^2/NDF : 33.8/31

All: -125.087+/-388.251 χ^2/NDF : 64.5/64

- sign -241.998+/-425.024 χ^2/NDF : 30.3/32

asym_atl1r2_dd_correction_rms vs Slug



Right In: 3991.416+/-1.118 χ^2/NDF : 510782.7/16

Left Out: 3911.240+/-0.846 χ^2/NDF : 711990.5/14

Right Out: 605.731+/-0.321 χ^2/NDF : 10246585.0/18

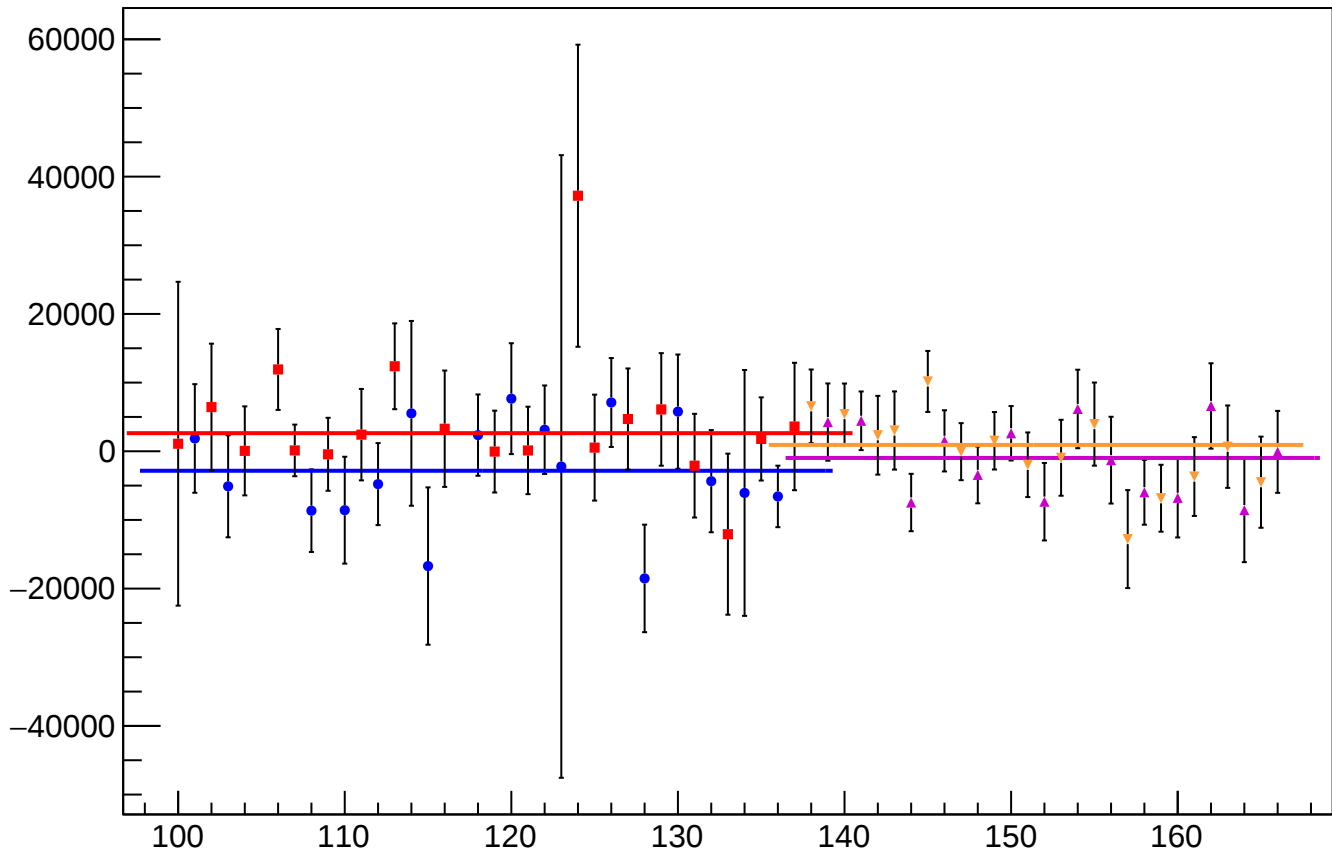
Left In: 3932.315+/-0.859 χ^2/NDF : 729435.2/13

+ sign 3940.444+/-0.675 χ^2/NDF : 1226042.9/31

All: 1497.441+/-0.275 χ^2/NDF : 41069023.5/6

- sign 1012.759+/-0.301 χ^2/NDF : 24132680.8/32

asym_atl1r2_dd_mean vs Slug



Right In: -2839.599 ± 1786.019 χ^2/NDF : 15.4/16

Left Out: 925.873 ± 1336.212 χ^2/NDF : 15.0/14

Right Out: 2637.071 ± 1575.105 χ^2/NDF : 11.2/18

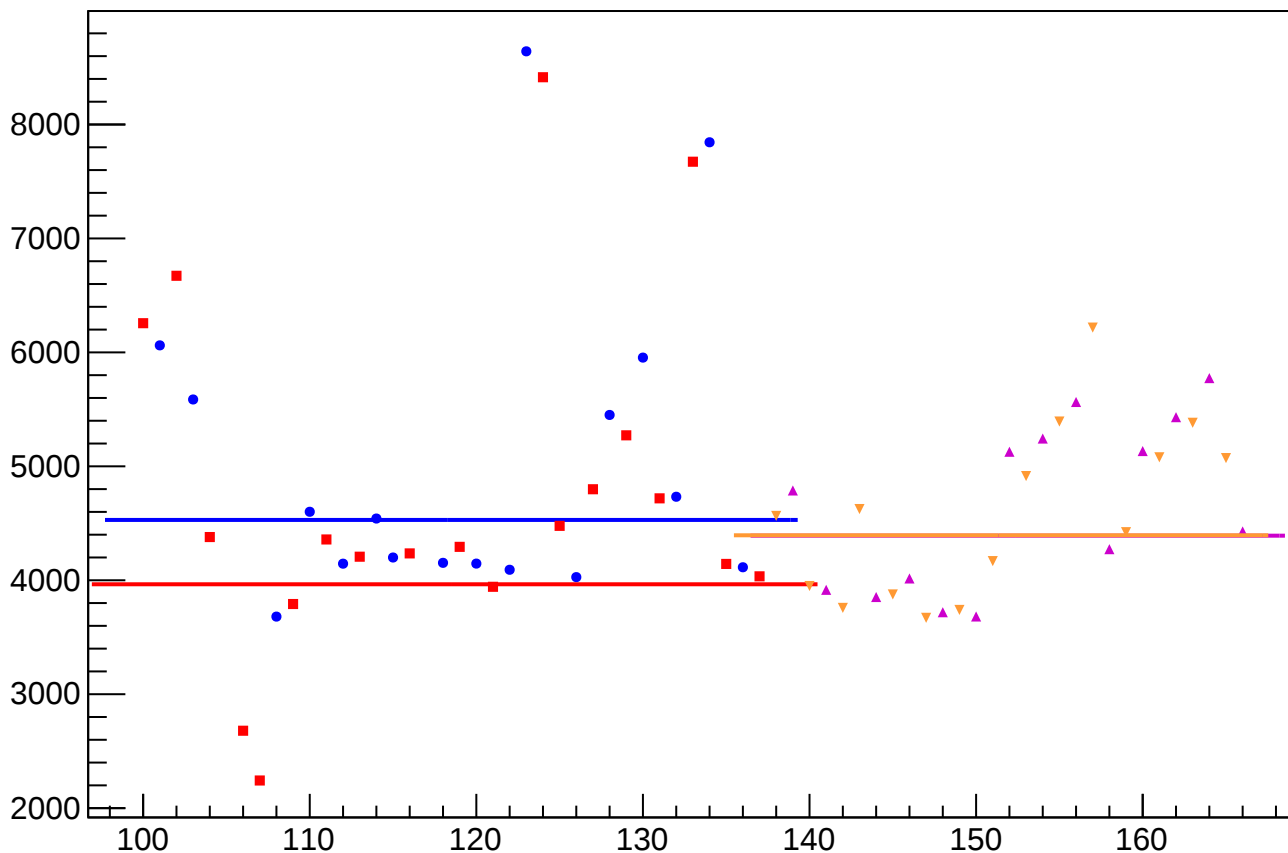
Left In: -973.219 ± 1349.176 χ^2/NDF : 13.8/13

+ sign -425.417 ± 1069.918 χ^2/NDF : 33.3/31

All: 85.782 ± 740.029 χ^2/NDF : 61.8/64

- sign 554.652 ± 1024.665 χ^2/NDF : 28.1/32

asym_atl1r2_dd_rms vs Slug



Right In: 4529.462 ± 1.263 χ^2/NDF : 389326.2/16

Left Out: 4394.747 ± 0.945 χ^2/NDF : 497983.2/14

Right Out: 3964.829 ± 1.107 χ^2/NDF : 1140409.6/18

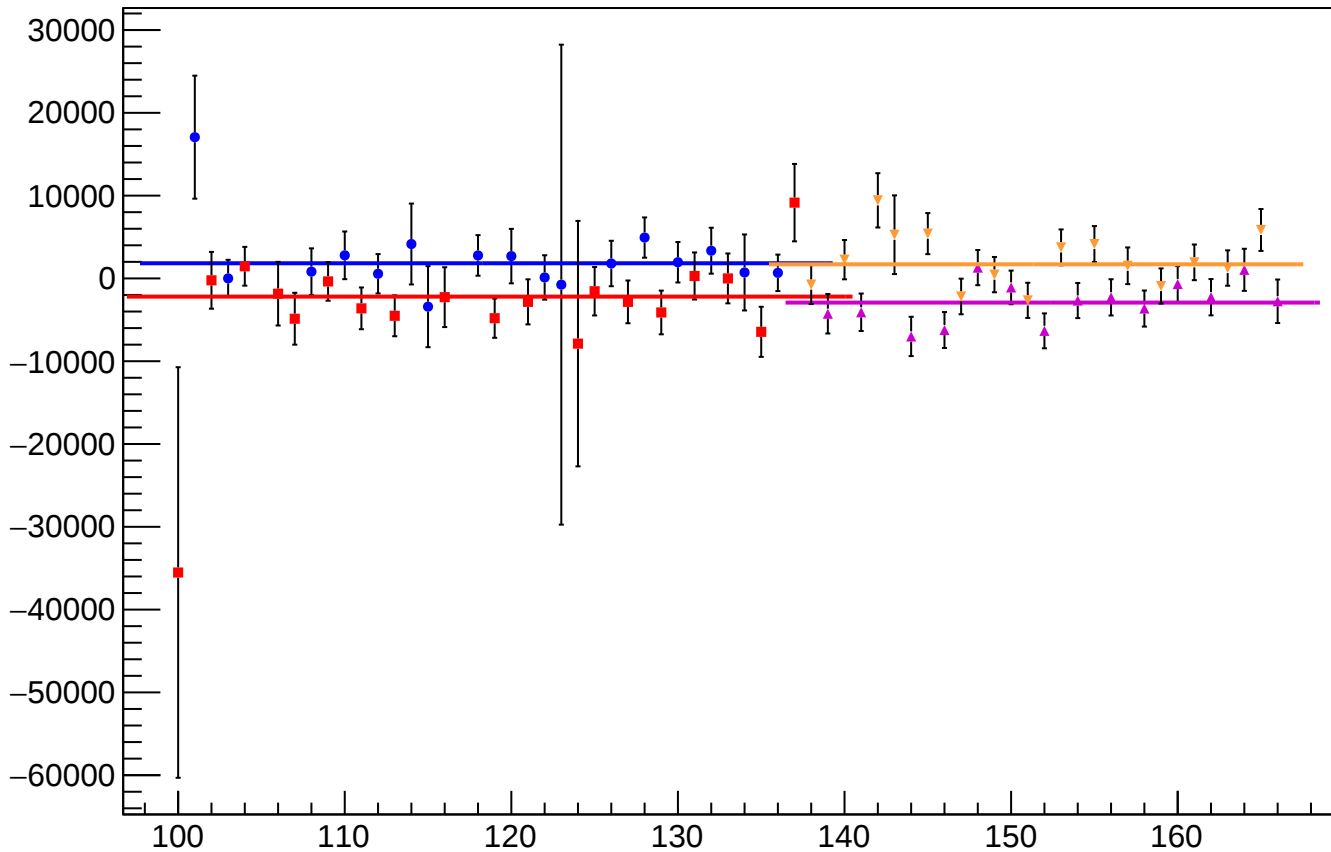
Left In: 4391.333 ± 0.954 χ^2/NDF : 503303.1/13

+ sign 4443.091 ± 0.757 χ^2/NDF : 894604.6/31

All: 4320.934 ± 0.523 χ^2/NDF : 2673380.6/64

- sign 4209.501 ± 0.723 χ^2/NDF : 1728921.8/32

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1830.102 ± 711.335 χ^2/NDF : 9.7/16

Left Out: 1705.145 ± 602.181 χ^2/NDF : 23.7/14

Right Out: -2198.063 ± 684.205 χ^2/NDF : 18.3/18

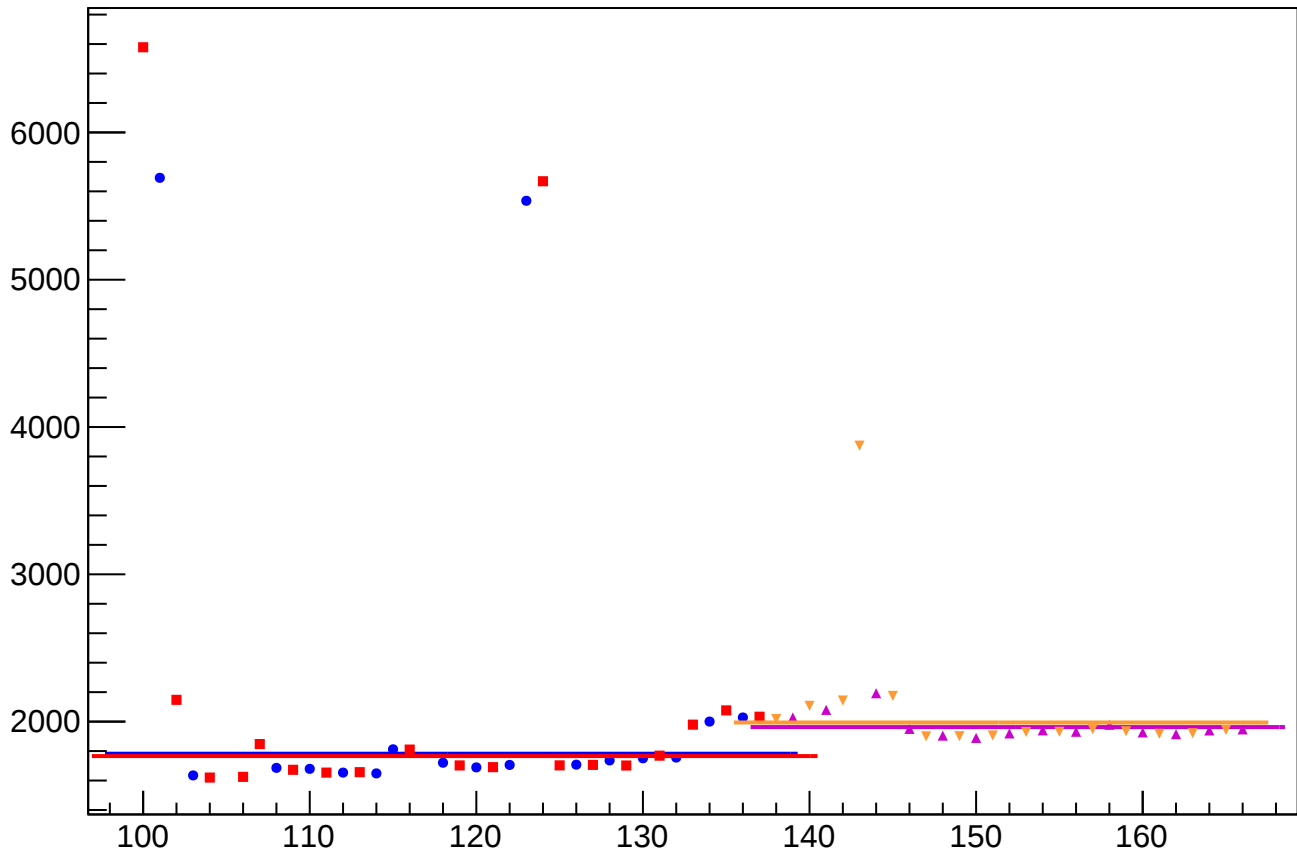
Left In: -2918.114 ± 596.190 χ^2/NDF : 17.1/13

+ sign 1757.311 ± 459.607 χ^2/NDF : 33.4/31

All: -473.595 ± 321.354 χ^2/NDF : 115.6/64

- sign -2607.352 ± 449.488 χ^2/NDF : 36.0/32

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1782.137 $\pm$ 0.503 χ^2 /NDF: 645188.8/16

Left Out: 1994.123 $\pm$ 0.426 χ^2 /NDF: 354848.4/14

Right Out: 1765.967 $\pm$ 0.480 χ^2 /NDF: 306798.2/18

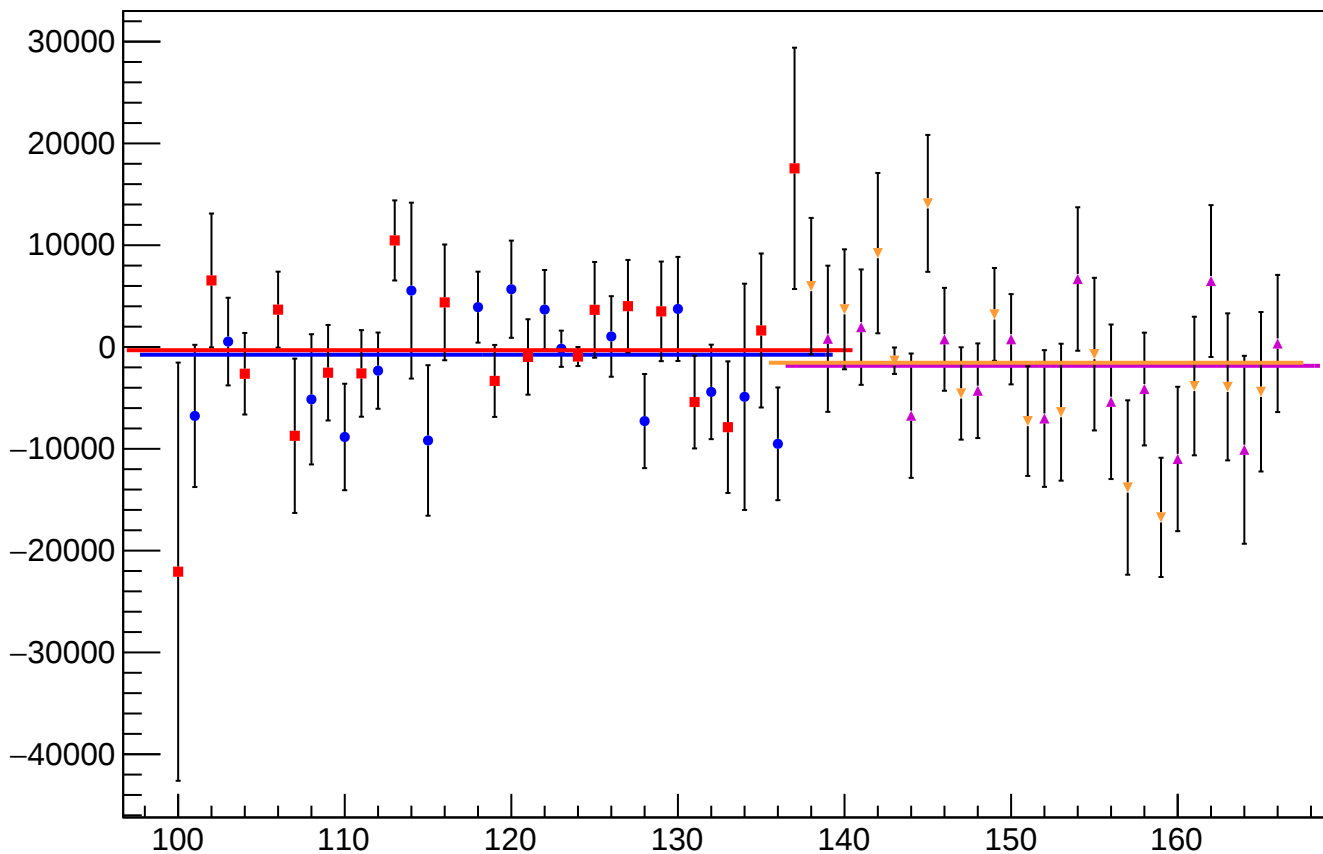
Left In: 1963.035 $\pm$ 0.422 χ^2 /NDF: 33065.7/13

+ sign 1905.625 $\pm$ 0.325 χ^2 /NDF: 1103507.5/31

All: 1891.115 $\pm$ 0.227 χ^2 /NDF: 1542307.4/64

- sign 1877.319 $\pm$ 0.317 χ^2 /NDF: 434911.1/32

asym_atr1l2_avg_correction_mean vs Slug



Right In: -753.428 ± 1008.523 χ^2/NDF : 16.9/16

Left Out: -1546.244 ± 1024.445 χ^2/NDF : 21.7/14

Right Out: -311.405 ± 725.132 χ^2/NDF : 22.0/18

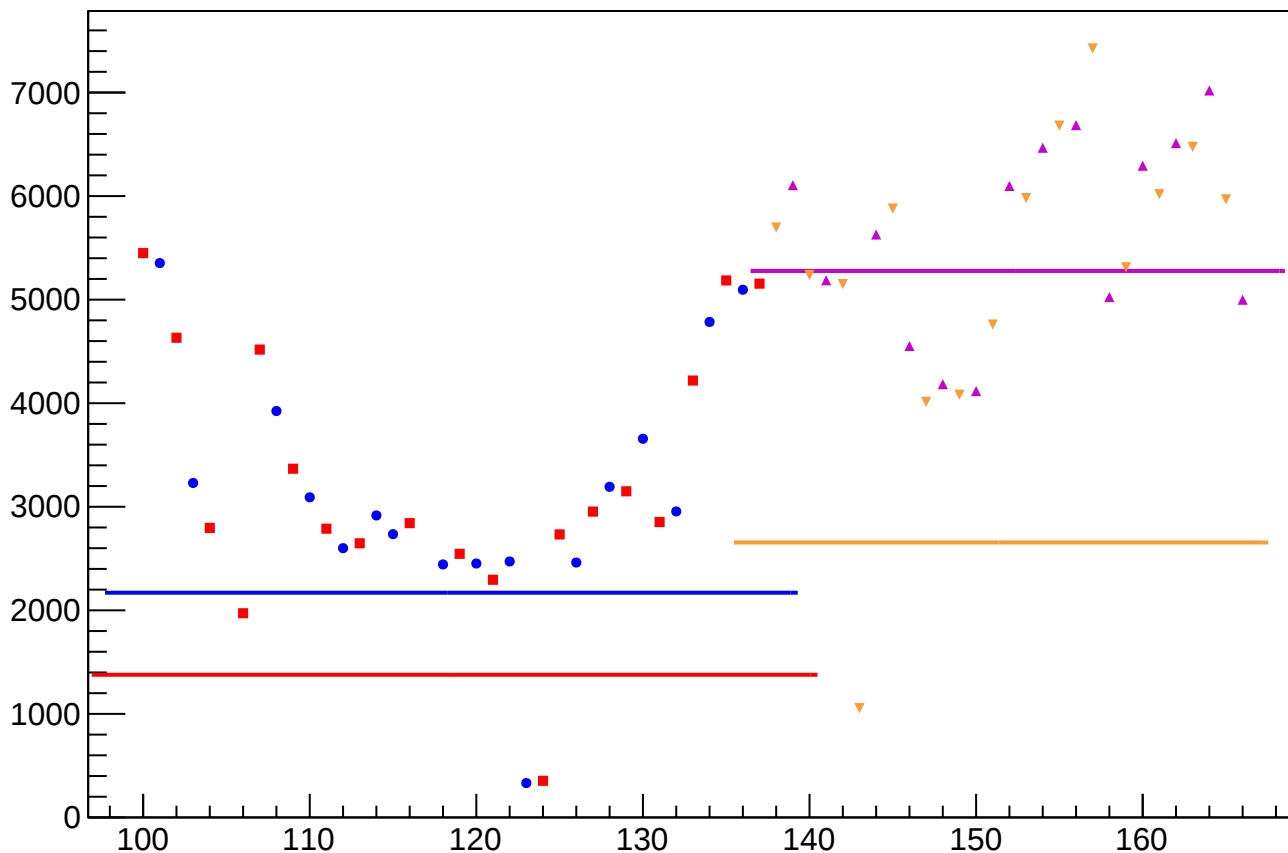
Left In: -1844.180 ± 1627.534 χ^2/NDF : 8.4/13

+ sign -1143.627 ± 718.697 χ^2/NDF : 38.9/31

All: -830.900 ± 487.061 χ^2/NDF : 70.4/64

- sign -565.275 ± 662.364 χ^2/NDF : 31.1/32

asym_atr1l2_avg_correction_rms vs Slug



Right In: 2170.242 $\pm$ 0.713 χ^2 /NDF: 3973725.5/16

Left Out: 2655.430 $\pm$ 0.724 χ^2 /NDF: 8673637.1/14

Right Out: 1377.716 $\pm$ 0.513 χ^2 /NDF: 6847297.6/18

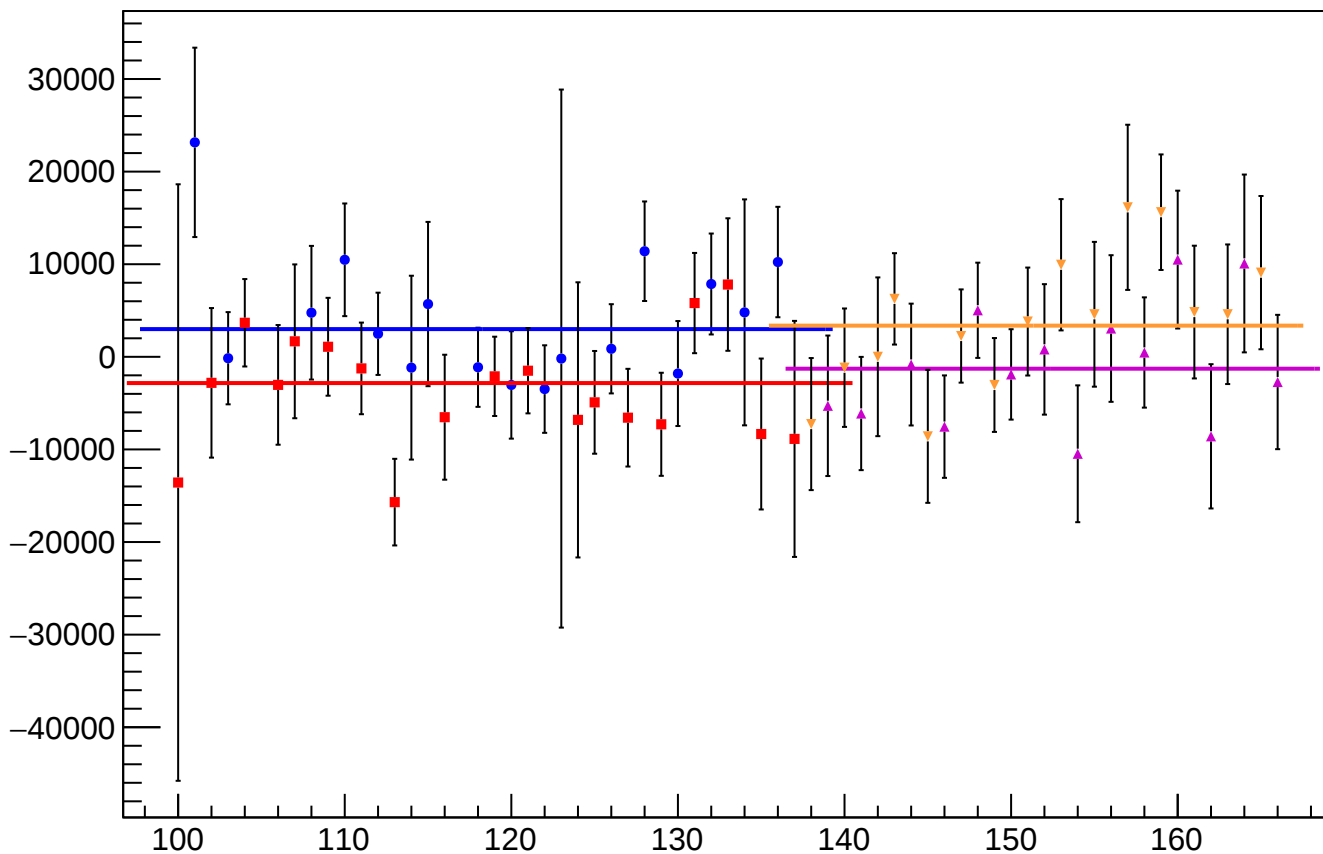
Left In: 5276.886 $\pm$ 1.151 χ^2 /NDF: 652604.6/13

+ sign 2409.036 $\pm$ 0.508 χ^2 /NDF: 12875183.3/31

All: 2200.583 $\pm$ 0.344 χ^2 /NDF: 30264219.4/6

- sign 2023.527 $\pm$ 0.468 χ^2 /NDF: 17077877.6/32

asym_atr1l2_avg_mean vs Slug



Right In: 2992.806 $\pm$ 1447.211 χ^2 /NDF: 15.7/16

Left Out: 3367.522 $\pm$ 1684.987 χ^2 /NDF:15.0/14

Right Out: -2833.408 $\pm$ 1379.110 χ^2 /NDF: 17.7/18

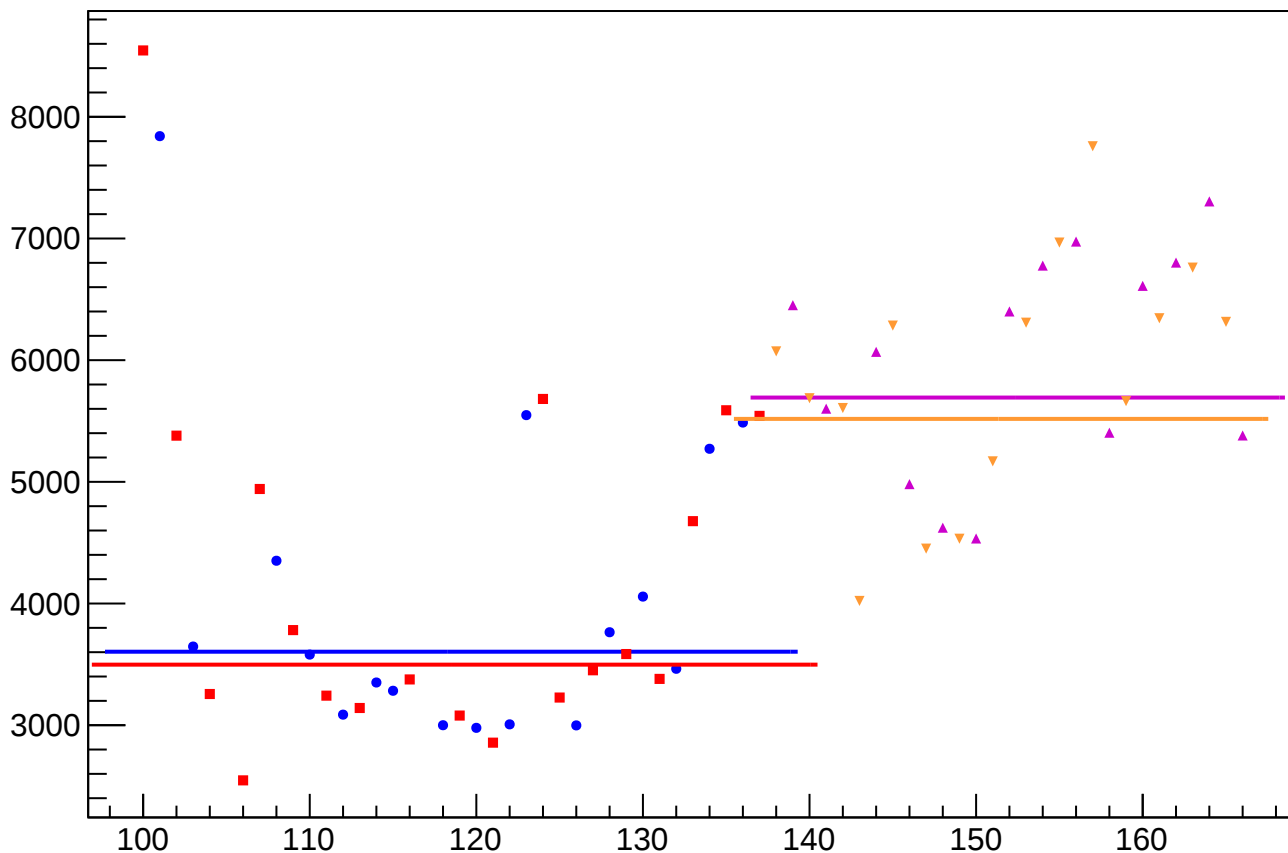
Left In: -1282.486 $\pm$ 1749.396 χ^2 /NDF:10.6/13

+ sign 3151.881 $\pm$ 1097.858 χ^2 /NDF: 30.7/31

All: 419.824 $\pm$ 771.010 χ^2 /NDF: 71.7/64

- sign -2238.976 $\pm$ 1083.039 χ^2 /NDF: 28.8/32

asym_atr1l2_avg_rms vs Slug



Right In: 3603.930+/-1.023 χ^2/NDF : 784674.5/16

Left Out: 5517.423+/-1.191 χ^2/NDF : 713458.4/14

Right Out: 3497.586+/-0.962 χ^2/NDF : 661898.6/18

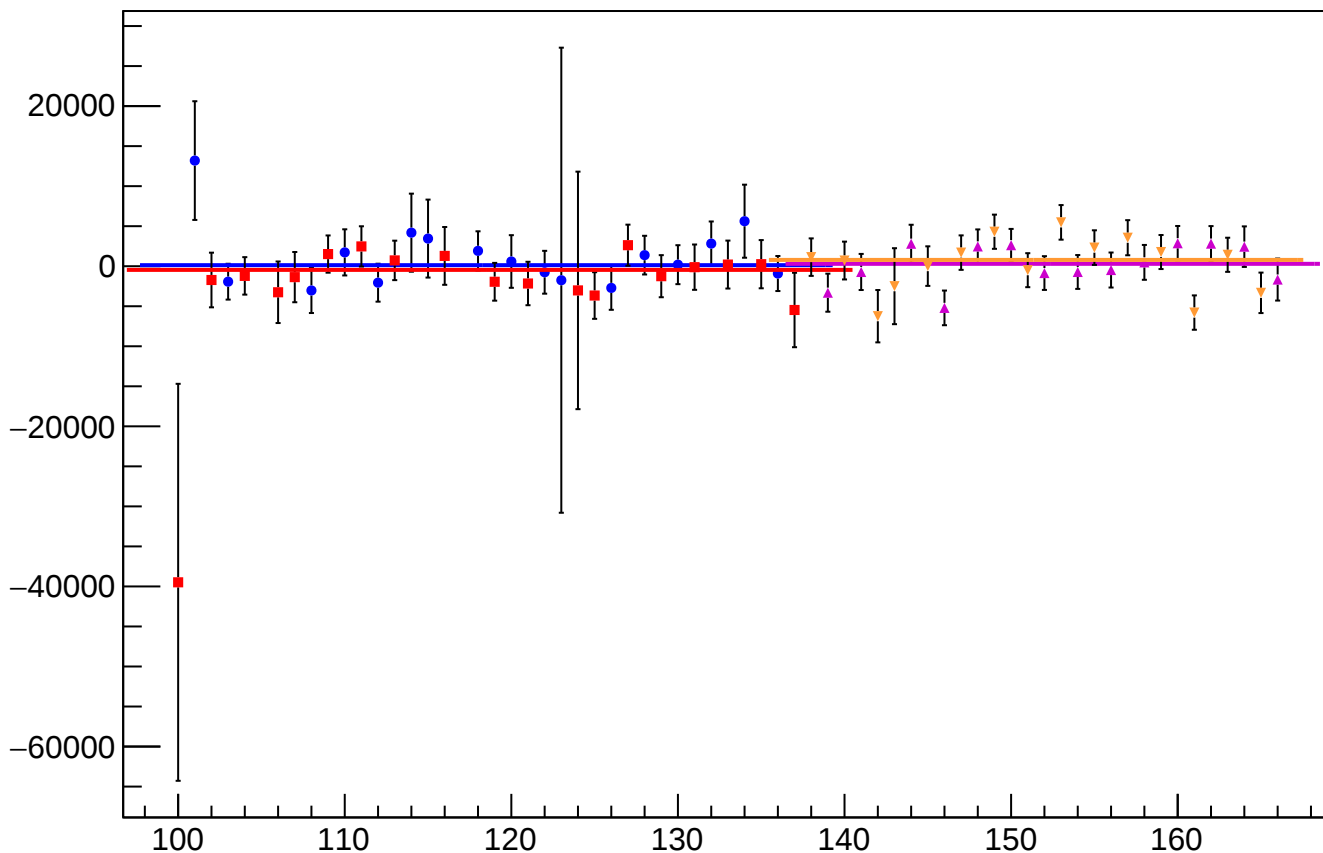
Left In: 5692.698+/-1.237 χ^2/NDF : 510748.3/13

+ sign 4416.243+/-0.776 χ^2/NDF : 2982435.2/31

All: 4369.322+/-0.543 χ^2/NDF : 6125031.8/64

- sign 4324.445+/-0.759 χ^2/NDF : 3135449.4/32

reg_asym_atr1l2_dd_mean vs Slug



Right In: 130.913 $\pm$ 709.207 χ^2 /NDF: 12.2/16

Left Out: 787.204 $\pm$ 600.711 χ^2 /NDF:27.6/14

Right Out: -459.034 $\pm$ 681.841 χ^2 /NDF: 10.7/18

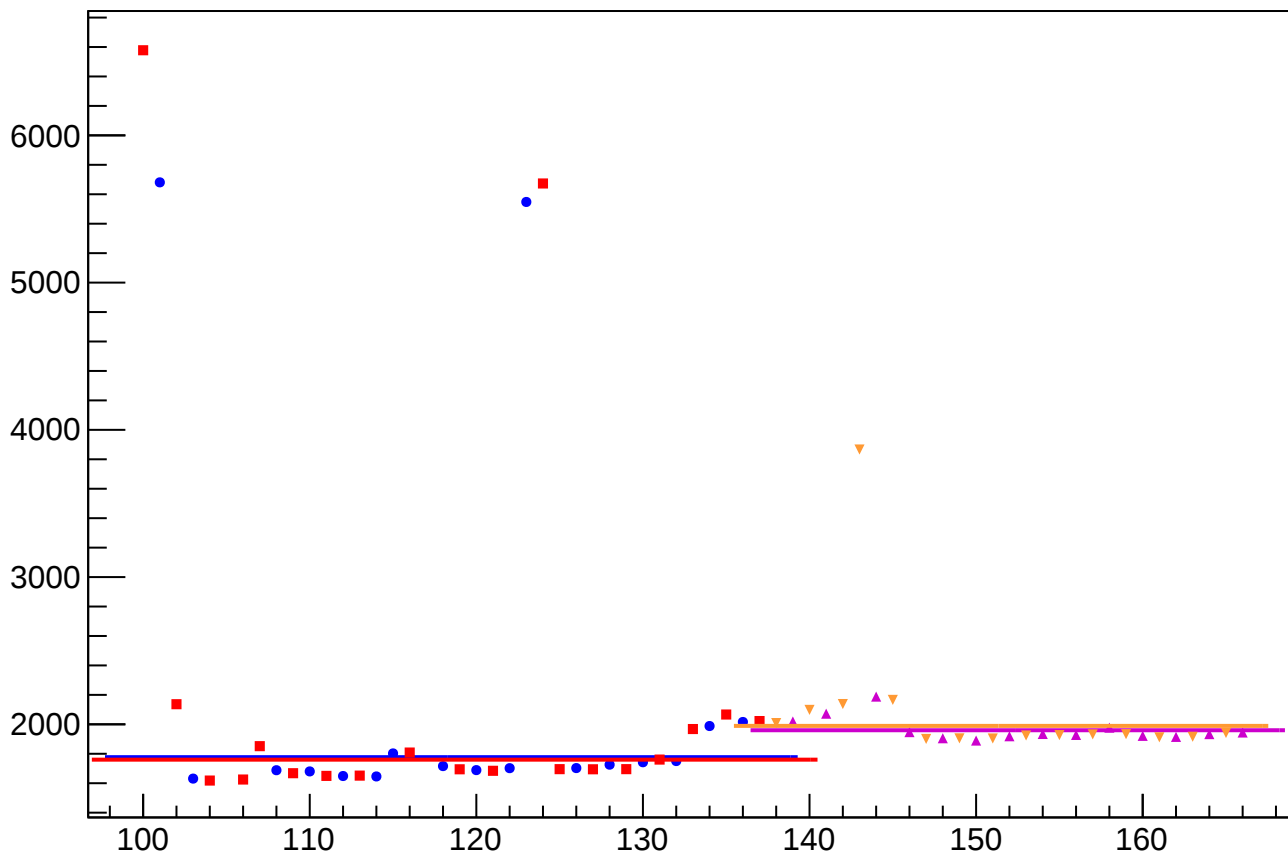
Left In: 297.691 $\pm$ 595.186 χ^2 /NDF:17.1/13

+ sign 513.047 $\pm$ 458.379 χ^2 /NDF: 40.3/31

All: 235.766 $\pm$ 320.532 χ^2 /NDF: 69.6/64

- sign -29.558 $\pm$ 448.387 χ^2 /NDF: 28.6/32

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1776.879+/-0.501 χ^2/NDF : 643576.8/16

Left Out: 1989.393+/-0.425 χ^2/NDF : 353513.0/14

Right Out: 1759.990+/-0.479 χ^2/NDF : 306154.6/18

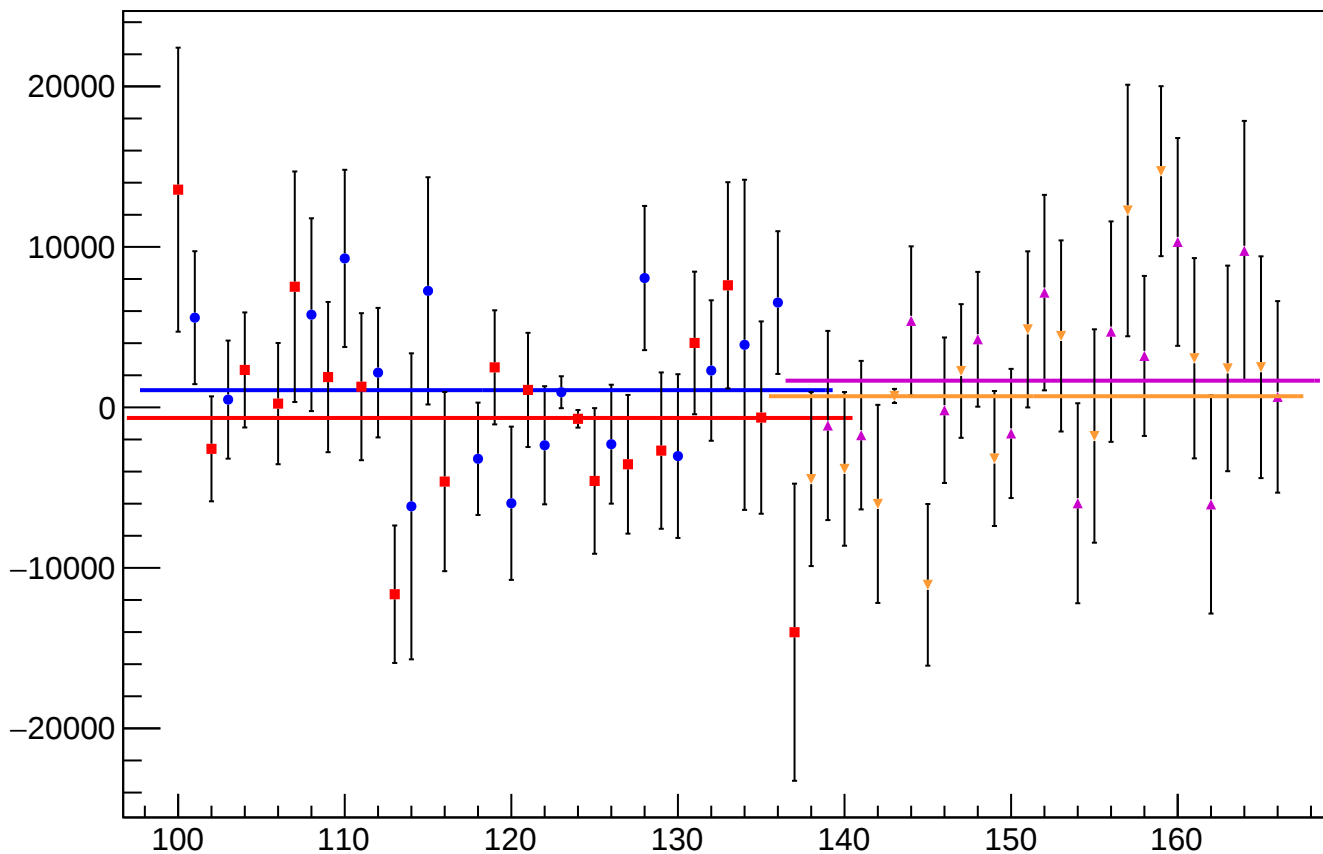
Left In: 1959.799+/-0.421 χ^2/NDF : 31955.6/13

+ sign 1900.618+/-0.324 χ^2/NDF : 1101652.5/31

All: 1886.321+/-0.226 χ^2/NDF : 1541790.0/64

- sign 1872.721+/-0.316 χ^2/NDF : 436341.0/32

asym_atr1l2_dd_correction_mean vs Slug



Right In: 1072.194 ± 752.280 χ^2/NDF : 15.6/16

Left Out: 695.525 ± 420.156 χ^2/NDF : 20.2/14

Right Out: -658.759 ± 488.034 χ^2/NDF : 19.8/18

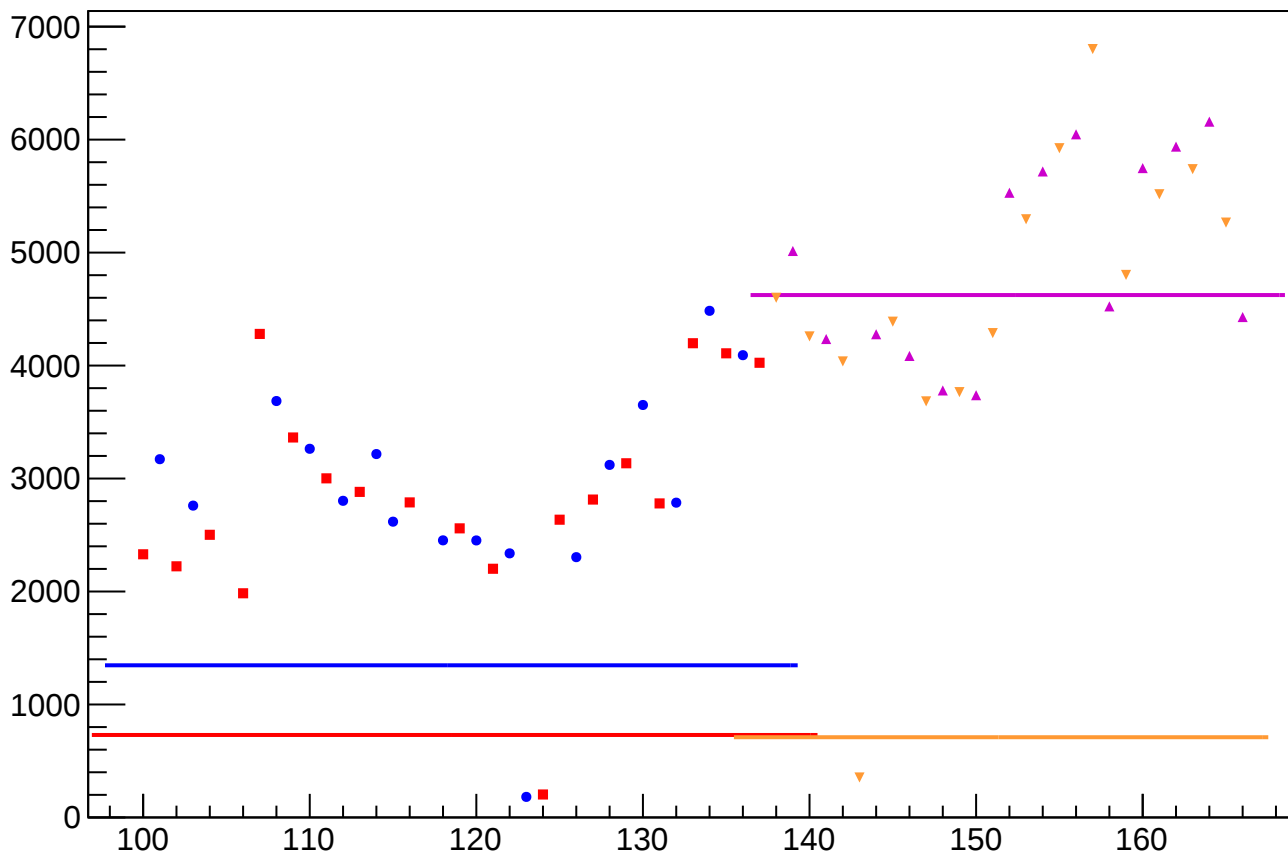
Left In: 1664.211 ± 1425.769 χ^2/NDF : 9.3/13

+ sign 785.084 ± 366.821 χ^2/NDF : 35.9/31

All: 320.682 ± 287.216 χ^2/NDF : 71.5/64

- sign -415.131 ± 461.733 χ^2/NDF : 31.5/32

asym_atr1l2_dd_correction_rms vs Slug



Right In: 1346.836+/-0.532 χ^2/NDF : 6839112.6/16

Left Out: 710.107+/-0.297 χ^2/NDF :16358860.5/14

Right Out: 730.119+/-0.345 χ^2/NDF : 9503127.2/18

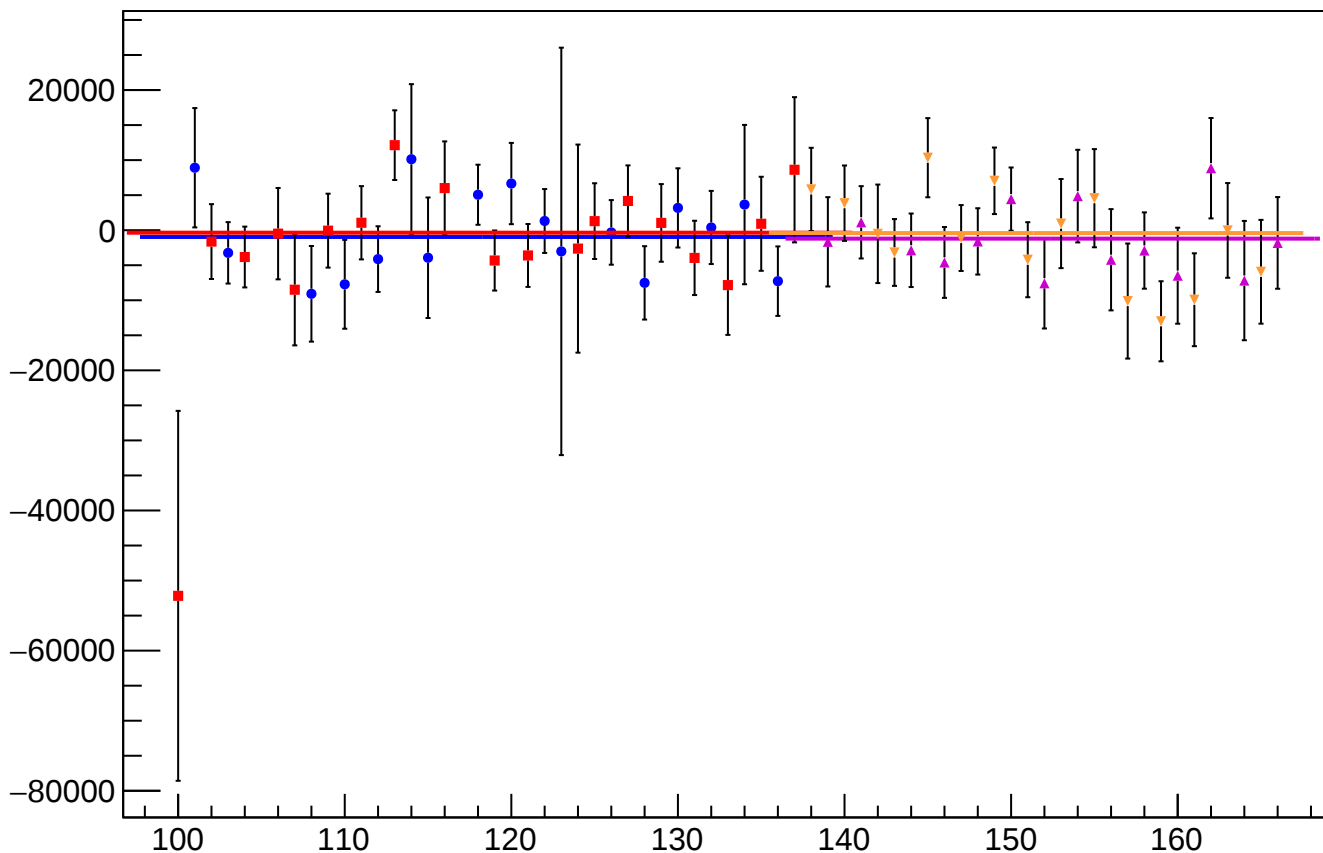
Left In: 4624.207+/-1.008 χ^2/NDF :641641.6/13

+ sign 861.500+/-0.259 χ^2/NDF : 24290089.1/31

All: 968.689+/-0.203 χ^2/NDF : 48230643.1/64

- sign 1138.523+/-0.326 χ^2/NDF : 23499198.4/32

asym_atr1l2_dd_mean vs Slug



Right In: -964.151 ± 1395.626 χ^2/NDF : 13.7/16

Left Out: -410.888 ± 1513.668 χ^2/NDF : 18.1/14

Right Out: -354.646 ± 1329.760 χ^2/NDF : 17.6/18

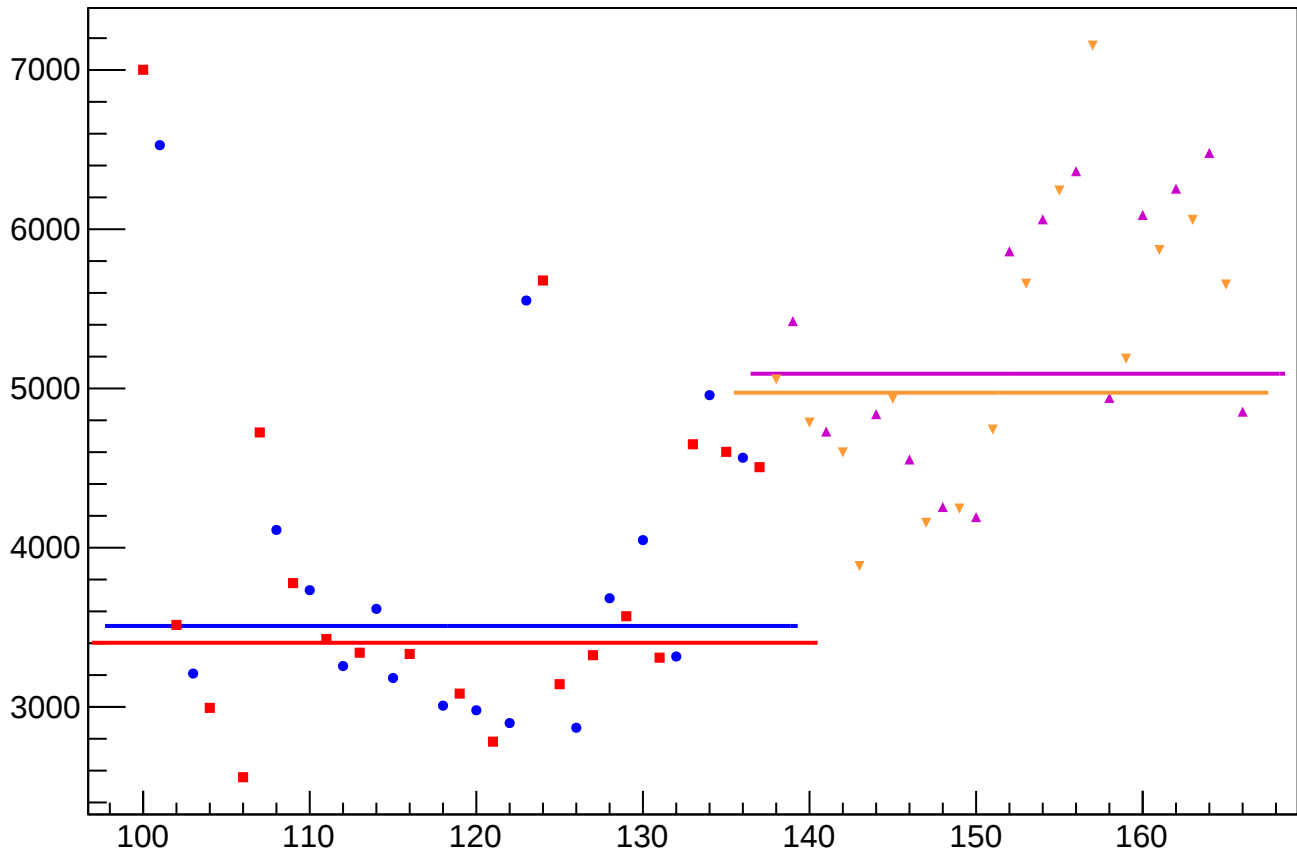
Left In: -1205.927 ± 1563.293 χ^2/NDF : 7.5/13

+ sign -709.931 ± 1026.053 χ^2/NDF : 31.9/31

All: -710.986 ± 720.830 χ^2/NDF : 57.2/64

- sign -712.014 ± 1012.889 χ^2/NDF : 25.3/32

asym_atr1l2_dd_rms vs Slug



Right In: 3508.483+/-0.987 χ^2/NDF : 562197.7/16

Left Out: 4973.487+/-1.070 χ^2/NDF : 561724.9/14

Right Out: 3402.883+/-0.928 χ^2/NDF : 428556.1/18

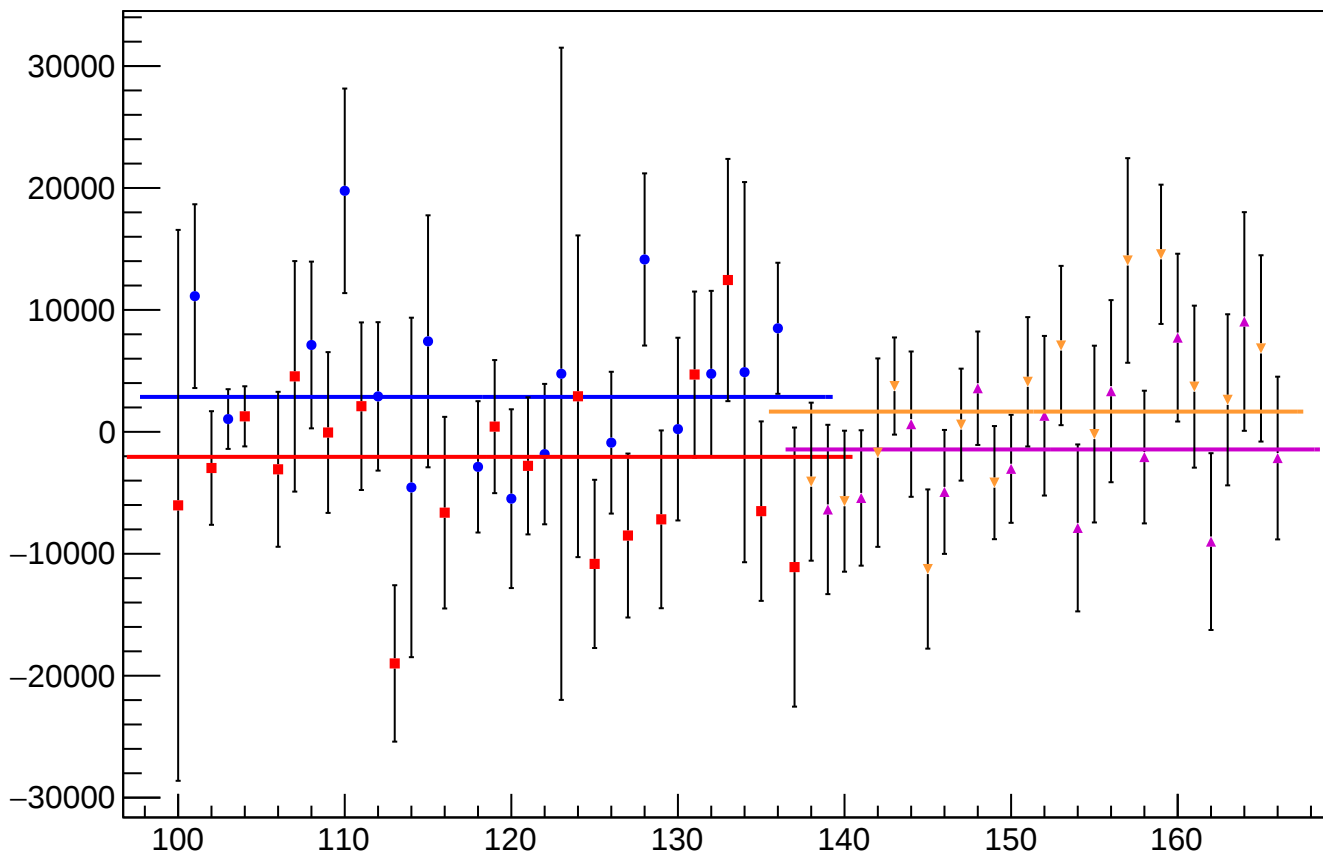
Left In: 5092.607+/-1.105 χ^2/NDF : 470556.2/13

+ sign 4181.637+/-0.726 χ^2/NDF : 2136551.1/31

All: 4140.762+/-0.508 χ^2/NDF : 4412362.9/64

- sign 4101.529+/-0.711 χ^2/NDF : 2269591.2/32

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2864.770+/-1452.658 χ^2/NDF : 14.1/16

Left Out: 1660.712+/-1518.322 χ^2/NDF : 17.2/14

Right Out: -2051.211+/-1381.577 χ^2/NDF : 17.7/18

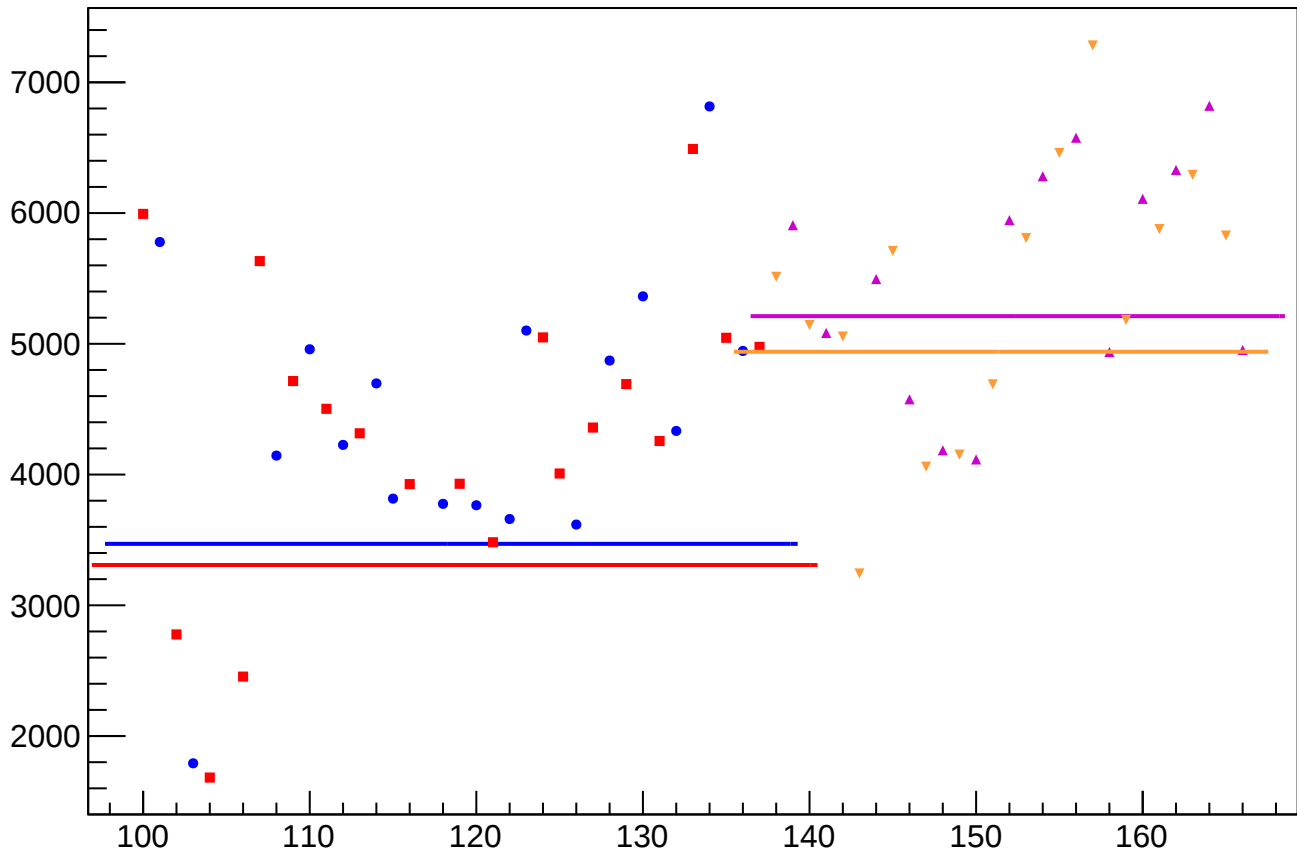
Left In: -1443.350+/-1604.099 χ^2/NDF : 8.6/13

+ sign 2289.341+/-1049.631 χ^2/NDF : 31.6/31

All: 243.048+/-741.208 χ^2/NDF : 65.6/64

- sign -1792.334+/-1046.829 χ^2/NDF : 26.4/32

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042+/-1.027 χ^2/NDF : 1760860.6/16

Left Out: 4939.231+/-1.074 χ^2/NDF : 968183.2/14

Right Out: 3308.243+/-0.968 χ^2/NDF : 1910782.0/18

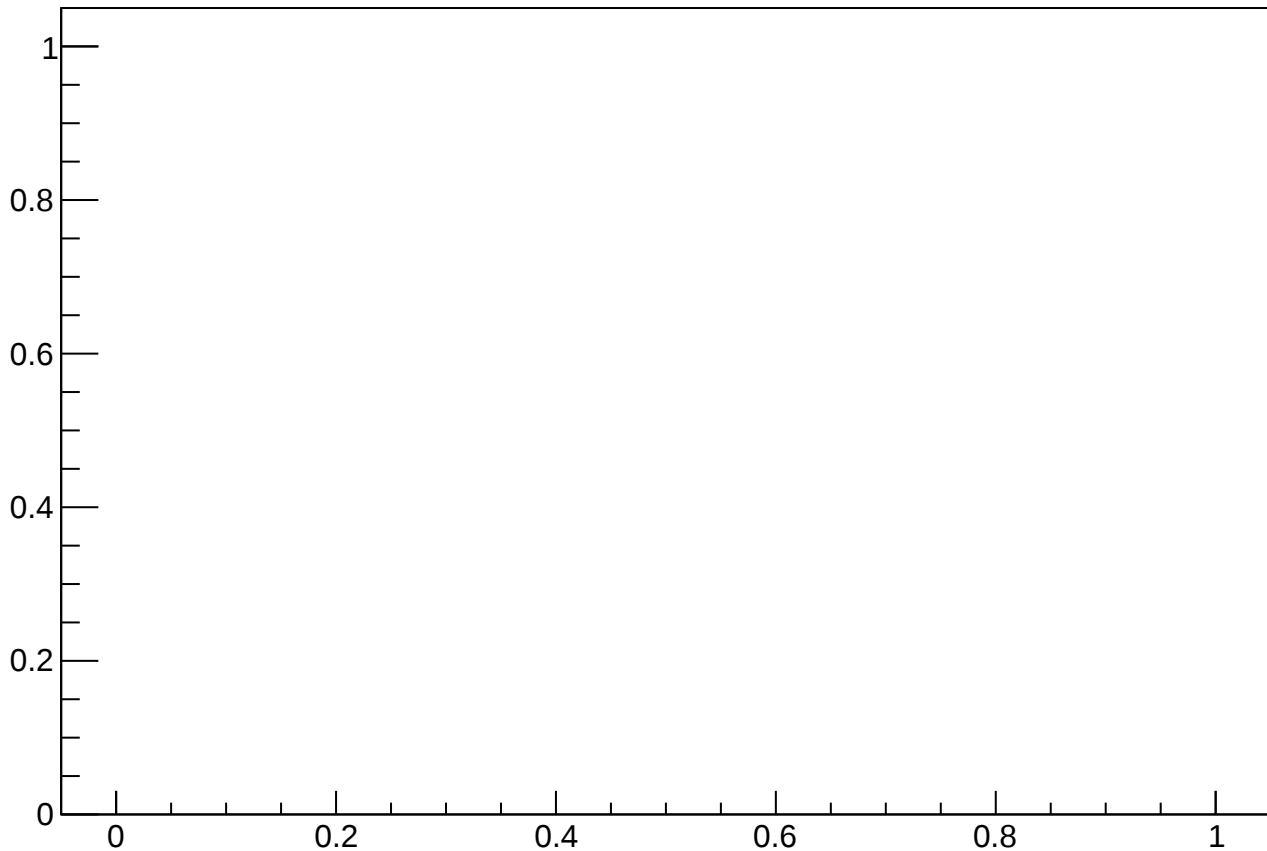
Left In: 5211.674+/-1.134 χ^2/NDF : 571518.1/13

+ sign 4172.163+/-0.742 χ^2/NDF : 3706762.6/31

All: 4141.010+/-0.523 χ^2/NDF : 7821931.9/64

- sign 4110.348+/-0.736 χ^2/NDF : 4111673.4/32

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

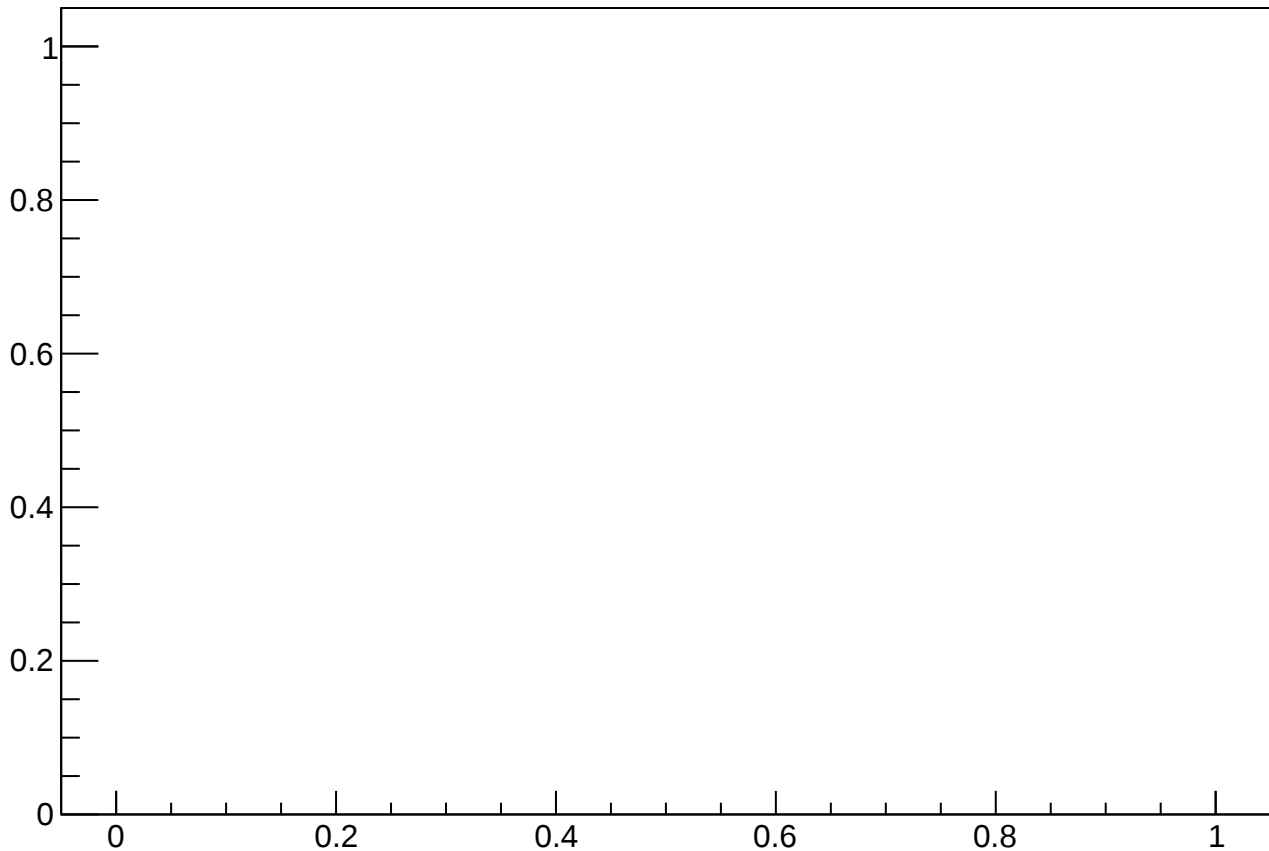
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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

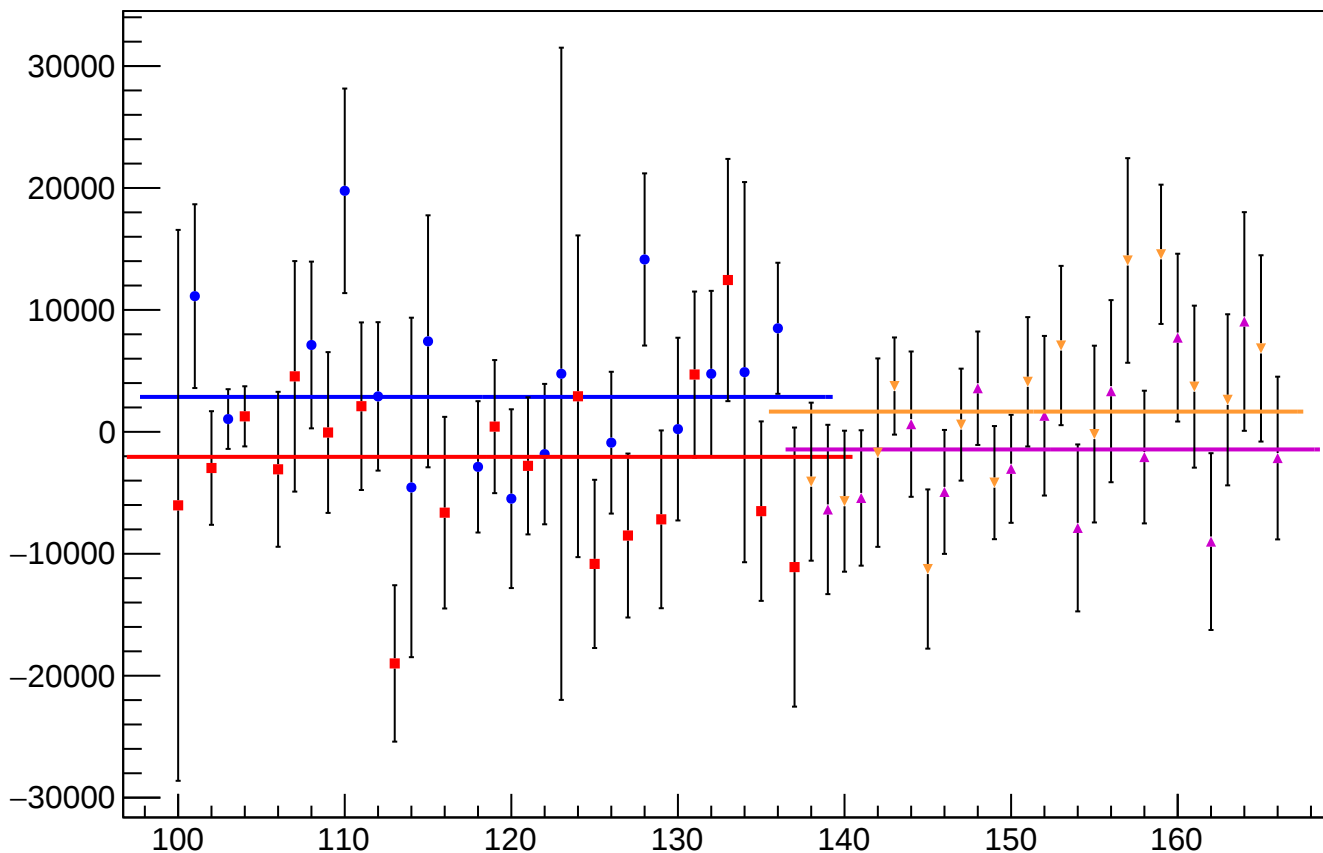
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ 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: 2864.770+/-1452.658 χ^2/NDF : 14.1/16

Left Out: 1660.712+/-1518.322 χ^2/NDF : 17.2/14

Right Out: -2051.211+/-1381.577 χ^2/NDF : 17.7/18

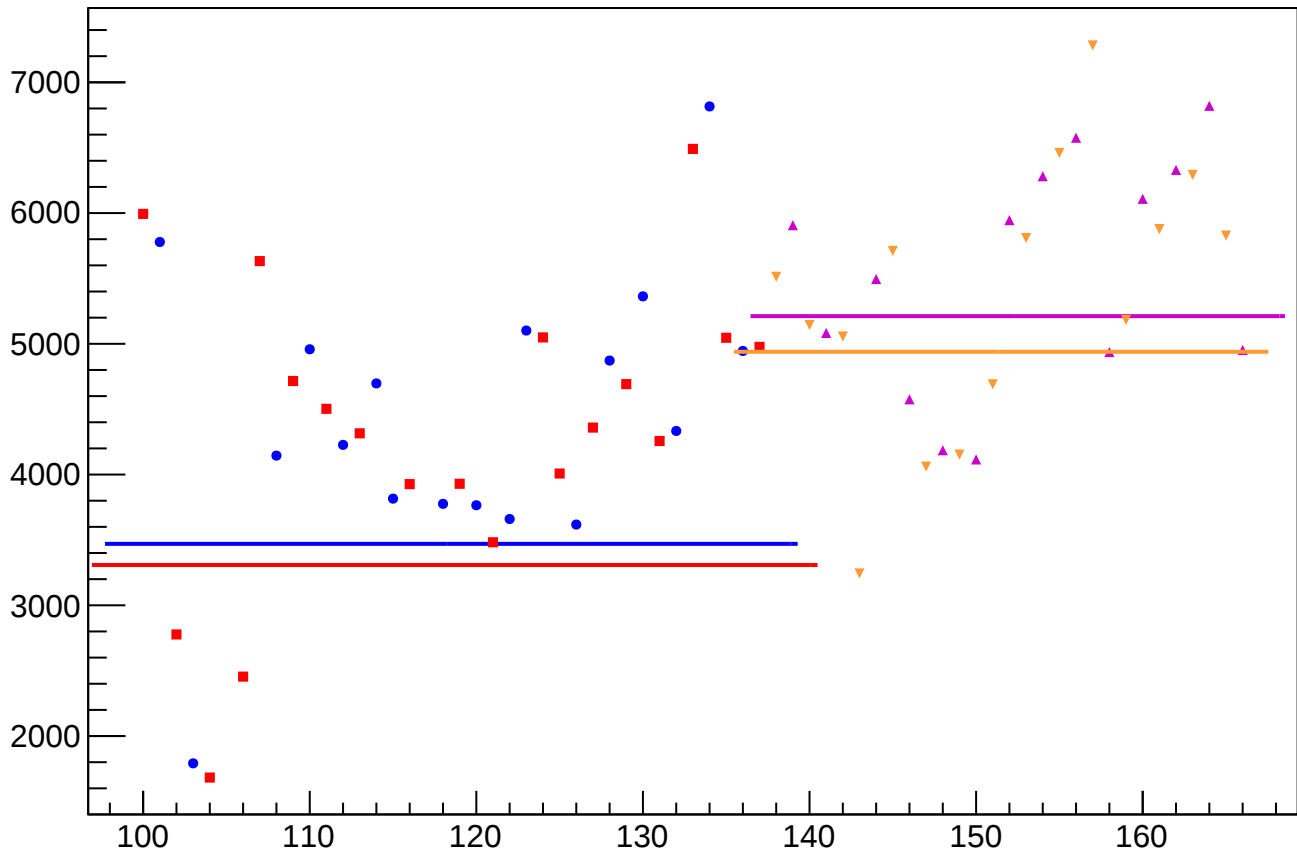
Left In: -1443.350+/-1604.099 χ^2/NDF : 8.6/13

+ sign 2289.341+/-1049.631 χ^2/NDF : 31.6/31

All: 243.048+/-741.208 χ^2/NDF : 65.6/64

- sign -1792.334+/-1046.829 χ^2/NDF : 26.4/32

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042+/-1.027 χ^2/NDF : 1760860.6/16

Left Out: 4939.231+/-1.074 χ^2/NDF : 968183.2/14

Right Out: 3308.243+/-0.968 χ^2/NDF : 1910782.0/18

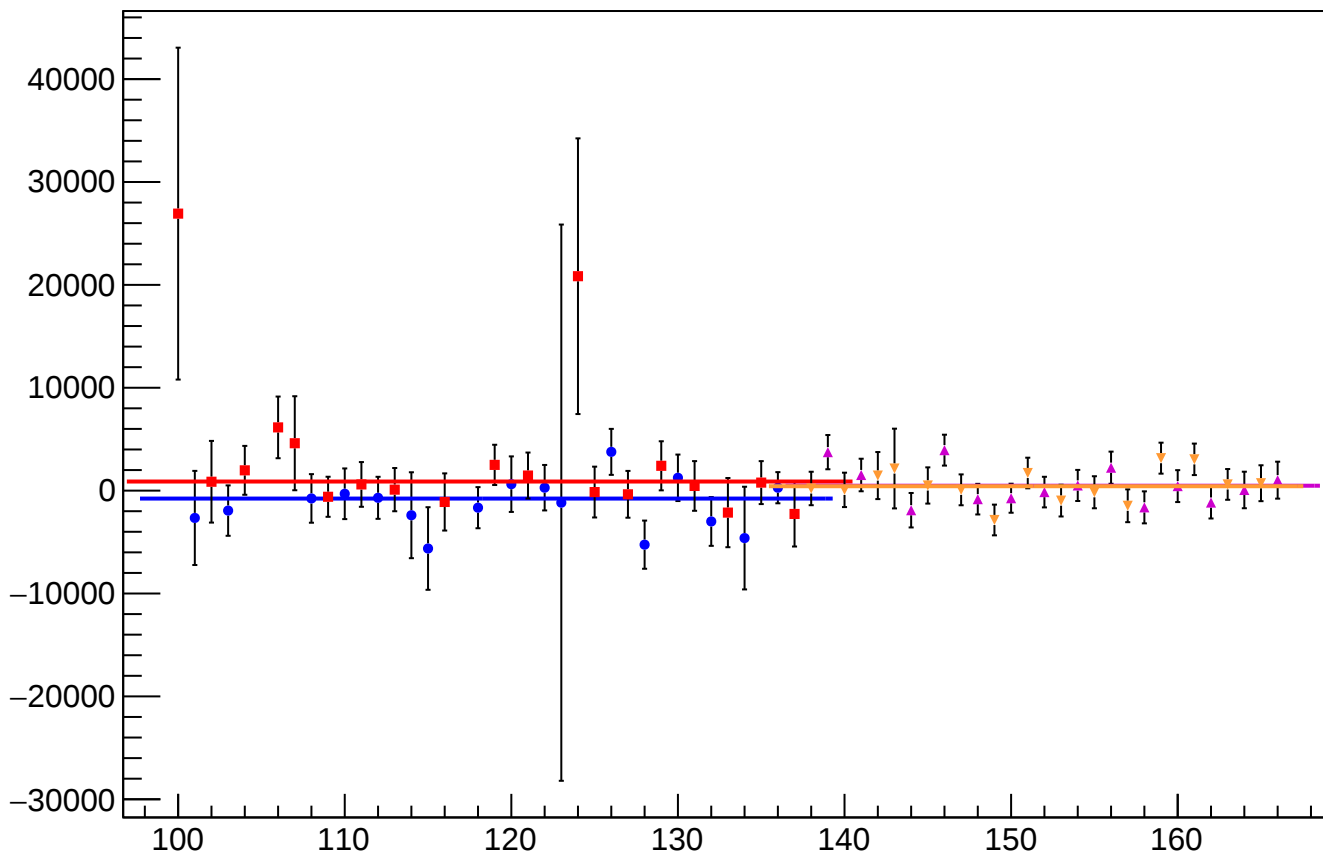
Left In: 5211.674+/-1.134 χ^2/NDF : 571518.1/13

+ sign 4172.163+/-0.742 χ^2/NDF : 3706762.6/31

All: 4141.010+/-0.523 χ^2/NDF : 7821931.9/64

- sign 4110.348+/-0.736 χ^2/NDF : 4111673.4/32

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.153 ± 603.689 χ^2/NDF : 13.3/16

Left Out: 427.852 ± 425.228 χ^2/NDF : 14.7/14

Right Out: 885.145 ± 595.053 χ^2/NDF : 13.5/18

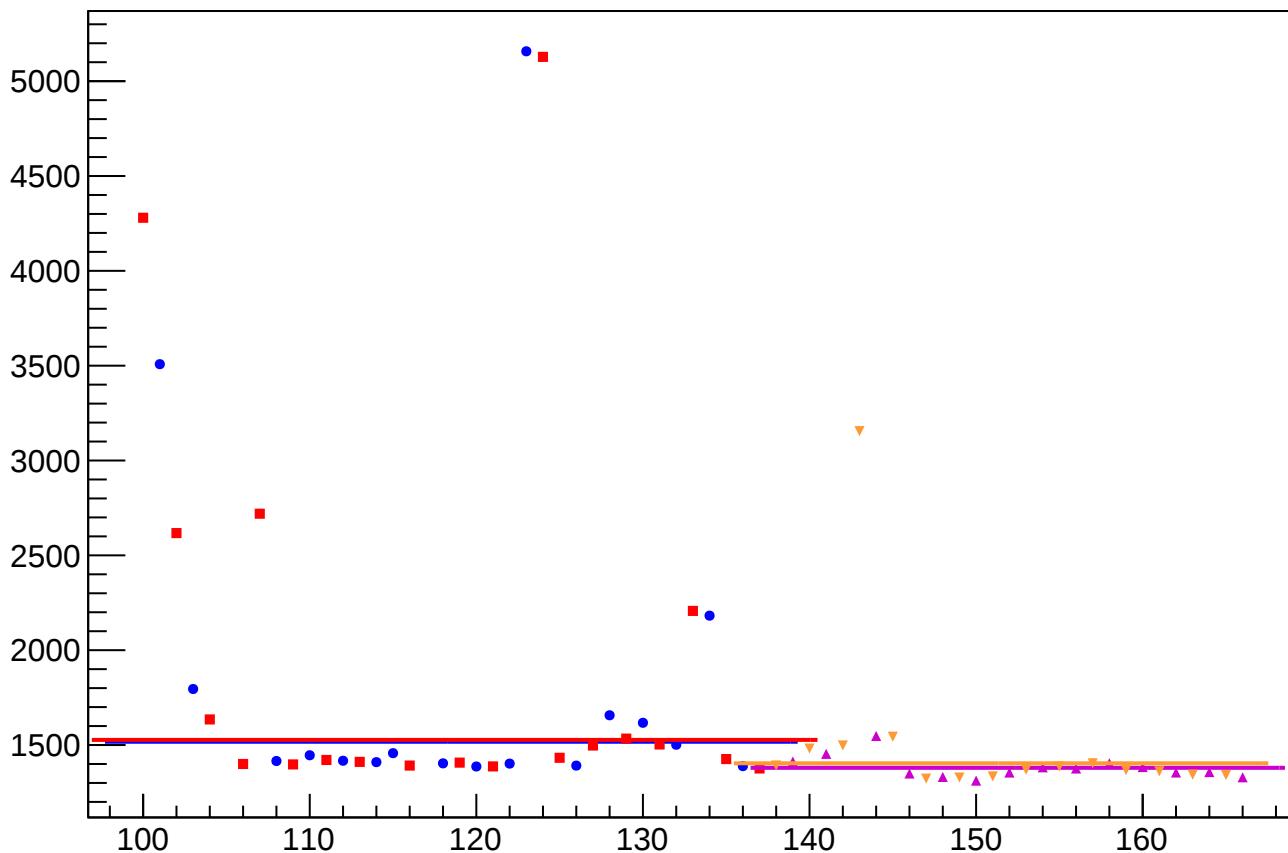
Left In: 477.553 ± 419.369 χ^2/NDF : 17.6/13

+ sign 30.239 ± 347.643 χ^2/NDF : 30.6/31

All: 325.620 ± 244.088 χ^2/NDF : 63.5/64

- sign 612.815 ± 342.792 χ^2/NDF : 31.4/32

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334 ± 0.427 $\chi^2/\text{NDF}: 536662.7/16$

Left Out: 1403.636 ± 0.301 $\chi^2/\text{NDF}: 453573.4/14$

Right Out: 1527.005 ± 0.421 $\chi^2/\text{NDF}: 631684.2/18$

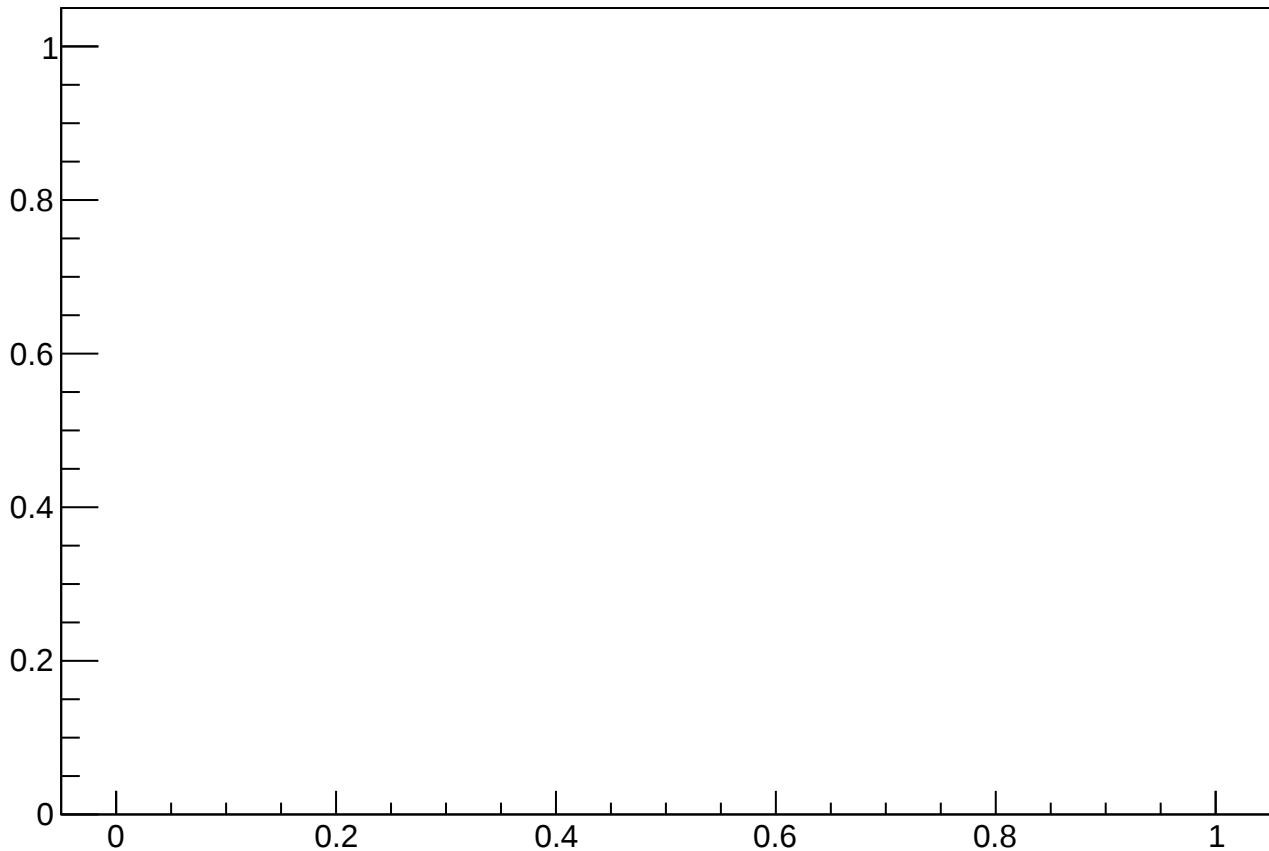
Left In: 1379.777 ± 0.297 $\chi^2/\text{NDF}: 36122.3/13$

+ sign 1441.341 ± 0.246 $\chi^2/\text{NDF}: 1037653.1/31$

All: 1434.899 ± 0.173 $\chi^2/\text{NDF}: 1788618.3/64$

- sign 1428.636 ± 0.242 $\chi^2/\text{NDF}: 749610.8/32$

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

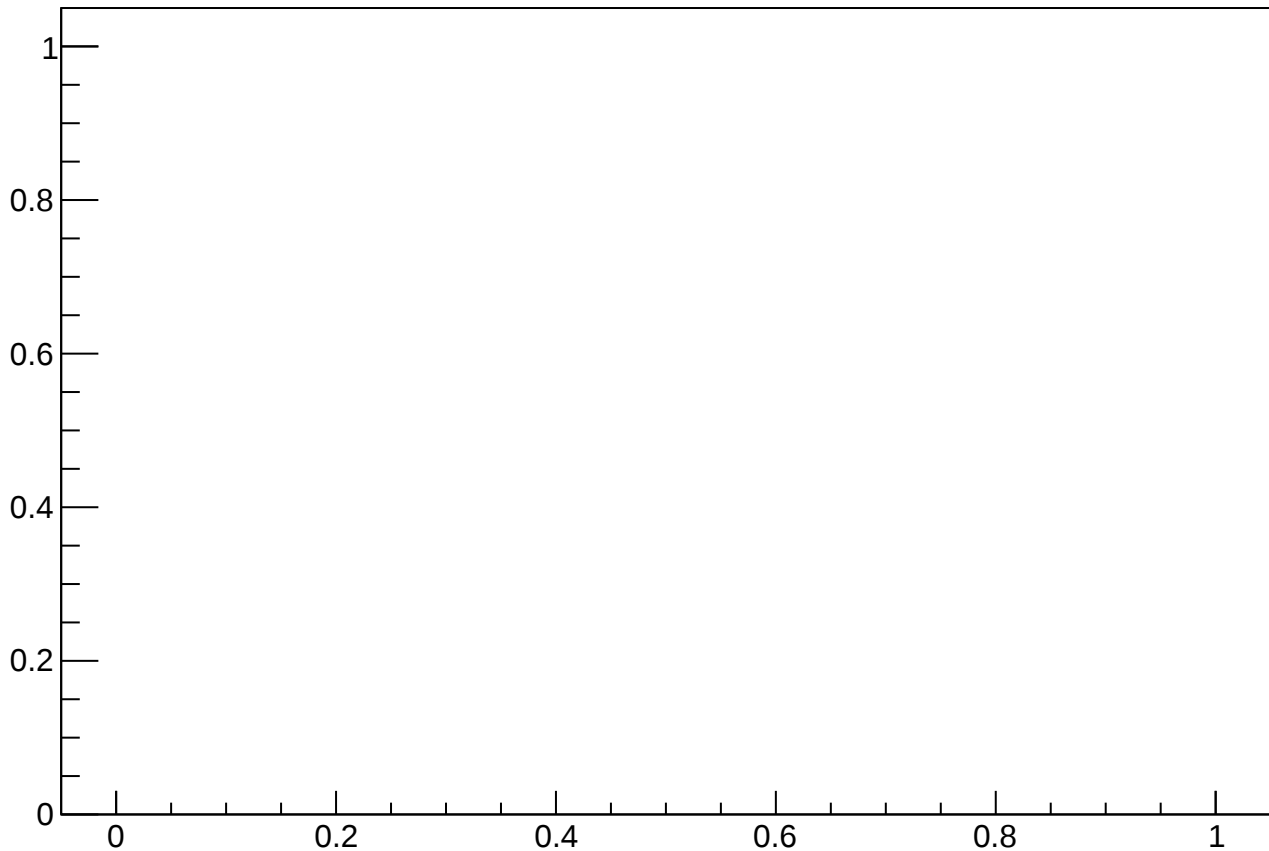
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ 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 $\pm$ 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

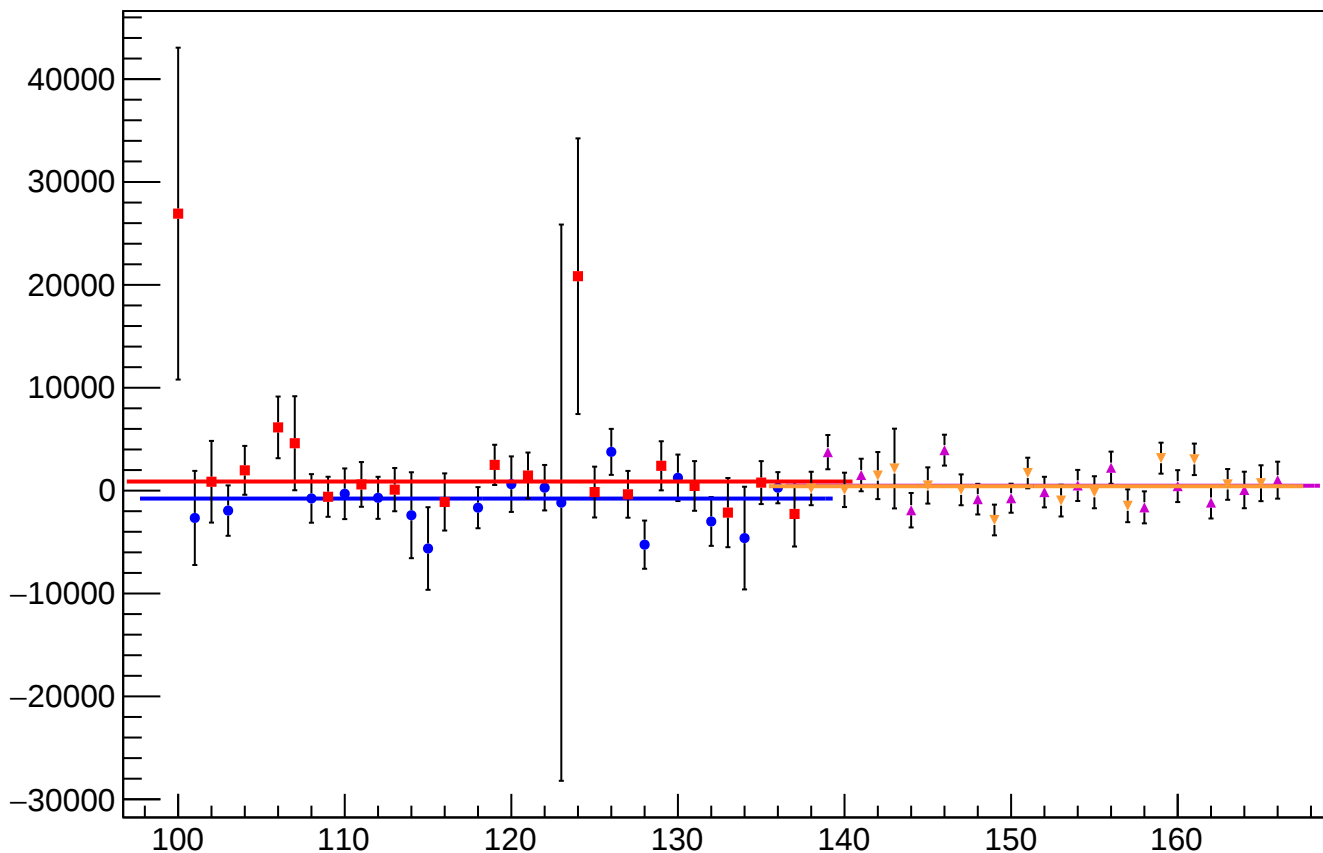
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_dd_mean vs Slug



Right In: -771.153+/-603.689 χ^2/NDF : 13.3/16

Left Out: 427.852+/-425.228 χ^2/NDF : 14.7/14

Right Out: 885.145+/-595.053 χ^2/NDF : 13.5/18

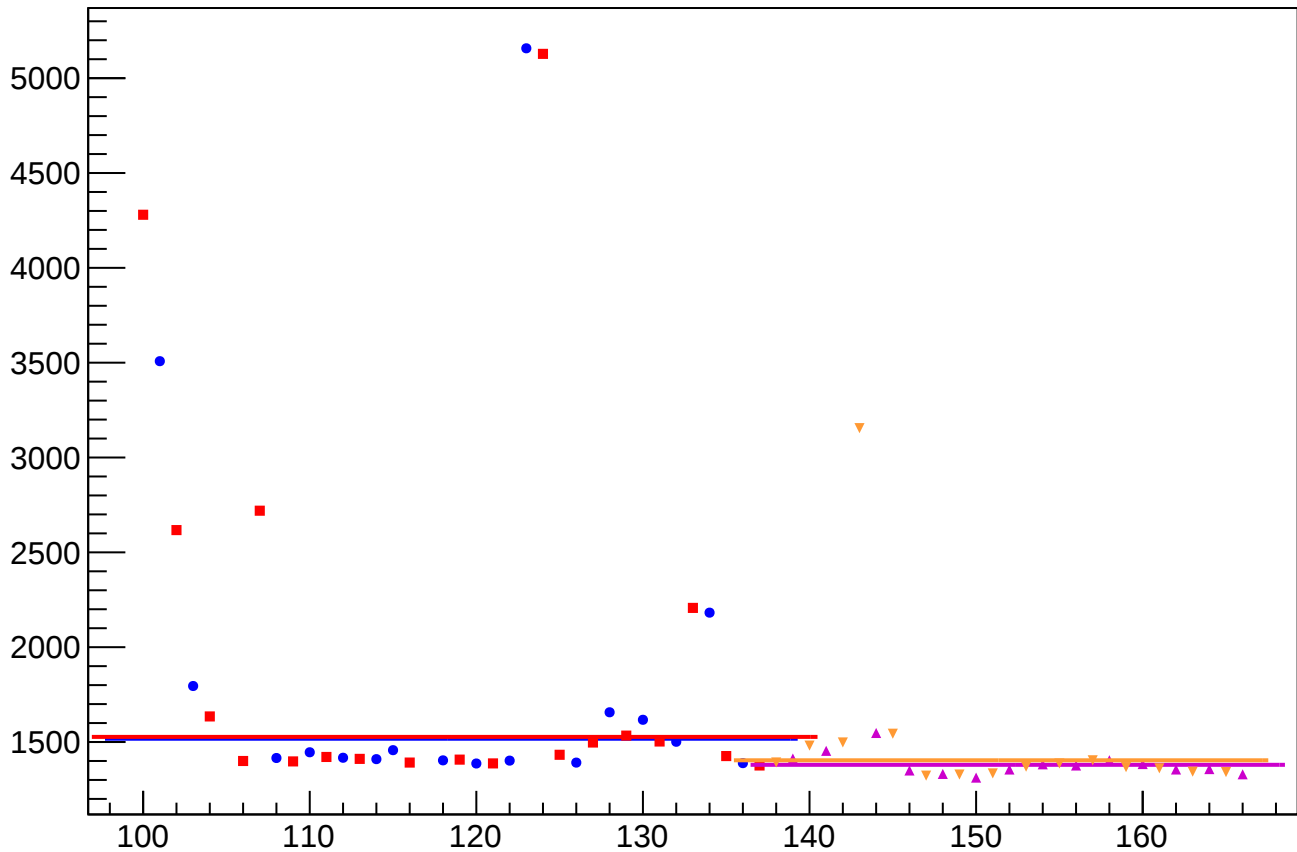
Left In: 477.553+/-419.369 χ^2/NDF : 17.6/13

+ sign 30.239+/-347.643 χ^2/NDF : 30.6/31

All: 325.620+/-244.088 χ^2/NDF : 63.5/64

- sign 612.815+/-342.792 χ^2/NDF : 31.4/32

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1403.636+/-0.301 χ^2/NDF : 453573.4/14

+ sign 1441.341+/-0.246 χ^2/NDF : 1037653.1/31

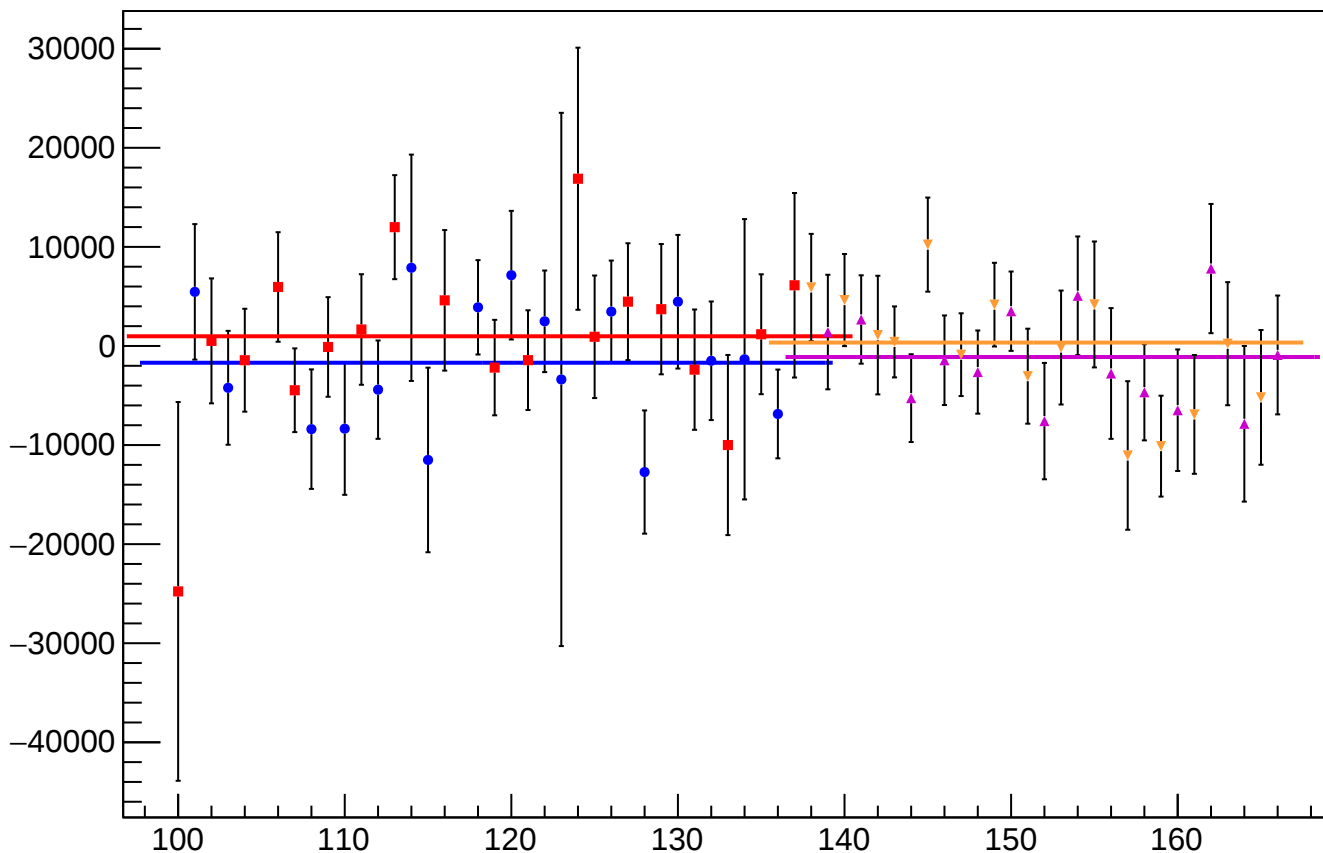
Right Out: 1527.005+/-0.421 χ^2/NDF : 631684.2/18

All: 1434.899+/-0.173 χ^2/NDF : 1788618.3/64

- sign 1428.636+/-0.242 χ^2/NDF : 749610.8/32

Left In: 1379.777+/-0.297 χ^2/NDF : 36122.3/13

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604 +/- 1512.935 χ^2 /NDF: 15.8/16

Left Out: 343.857 +/- 1319.543 χ^2 /NDF: 16.7/14

Right Out: 977.899 +/- 1378.874 χ^2 /NDF: 13.9/18

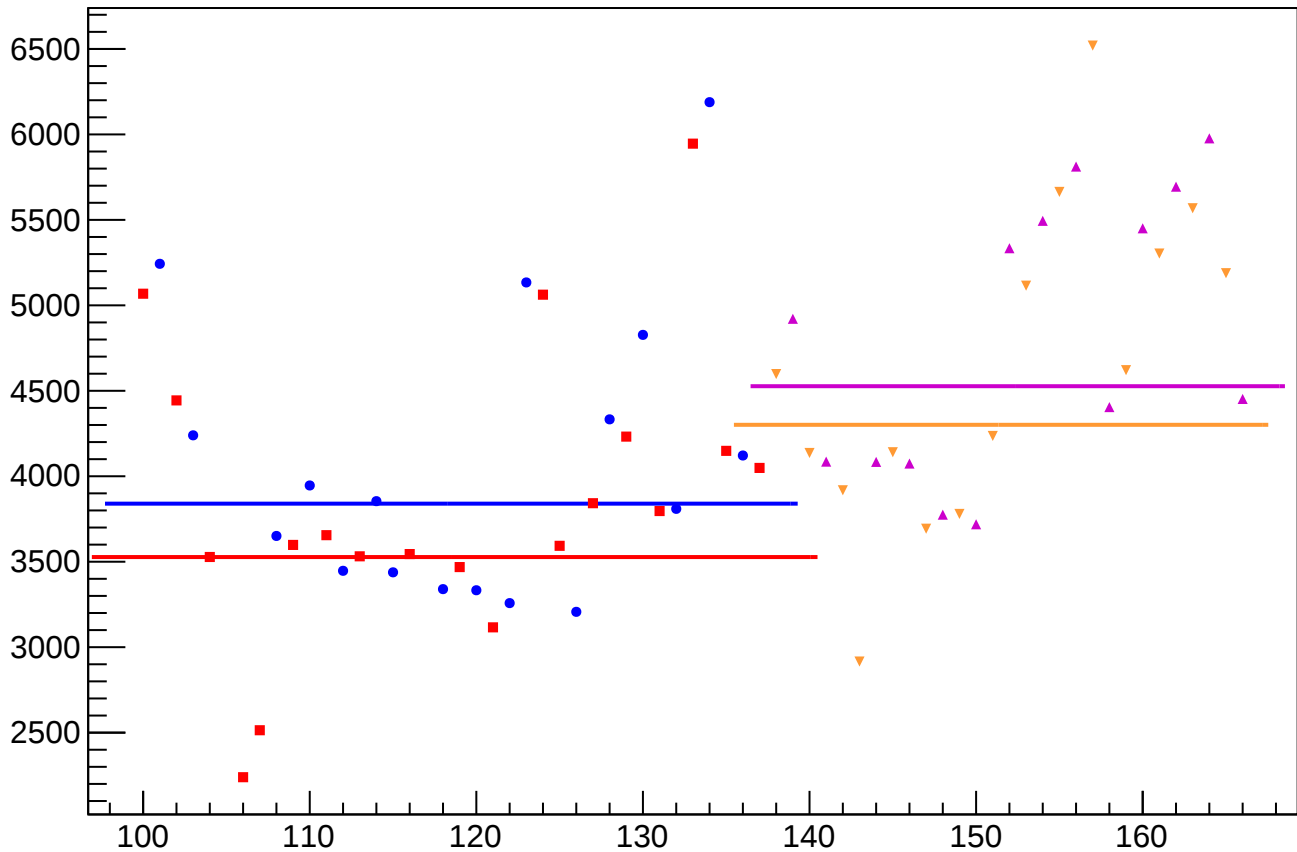
Left In: -1114.449 +/- 1392.592 χ^2 /NDF: 9.5/13

+ sign -535.976 +/- 994.449 χ^2 /NDF: 33.6/31

All: -293.407 +/- 697.954 χ^2 /NDF: 58.3/64

- sign -57.919 +/- 979.825 χ^2 /NDF: 24.6/32

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4301.041+/-0.933 χ^2/NDF : 879483.5/14

Right Out: 3527.320+/-0.966 χ^2/NDF : 554785.4/18

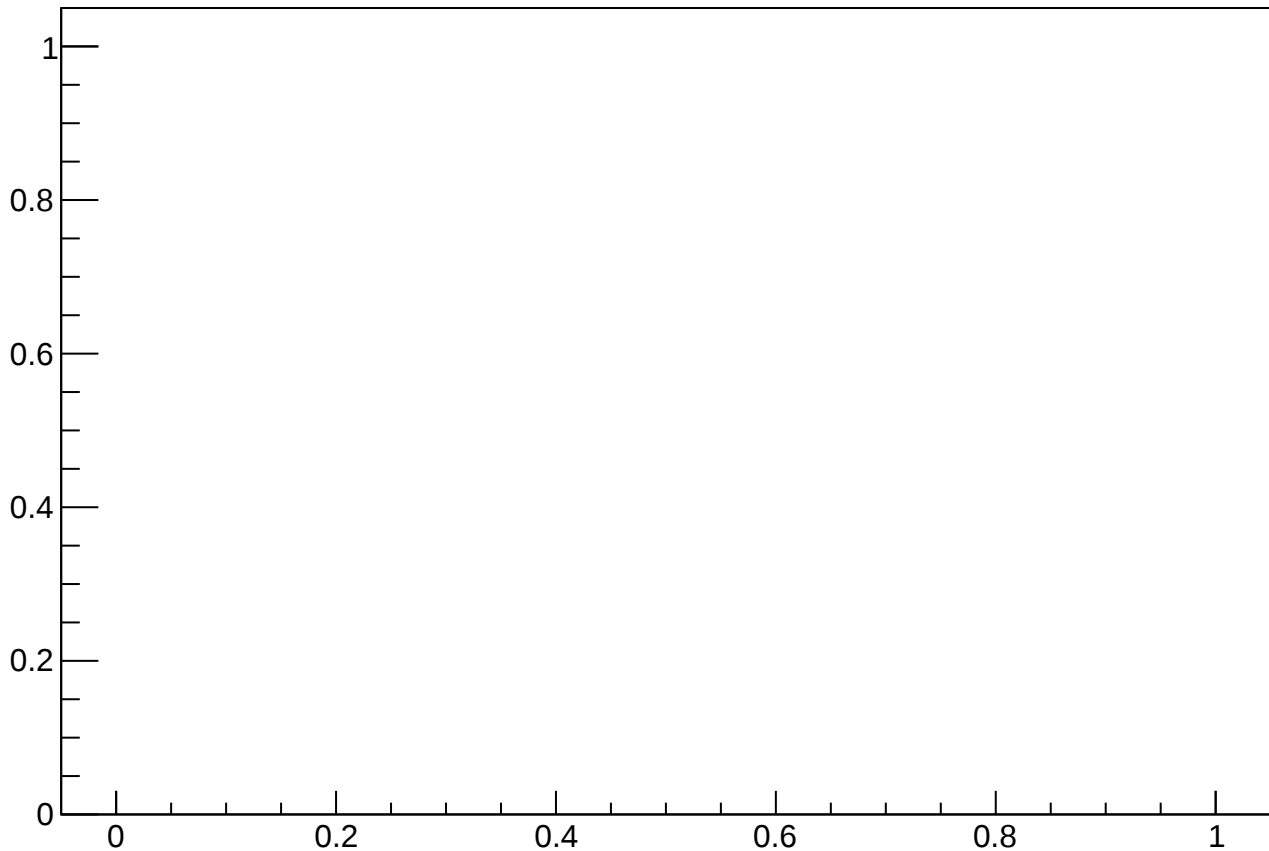
Left In: 4526.900+/-0.985 χ^2/NDF : 559517.4/13

+ sign 4101.739+/-0.703 χ^2/NDF : 1311043.5/31

All: 4058.852+/-0.492 χ^2/NDF : 2957661.5/64

- sign 4017.600+/-0.690 χ^2/NDF : 1639320.1/32

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

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

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

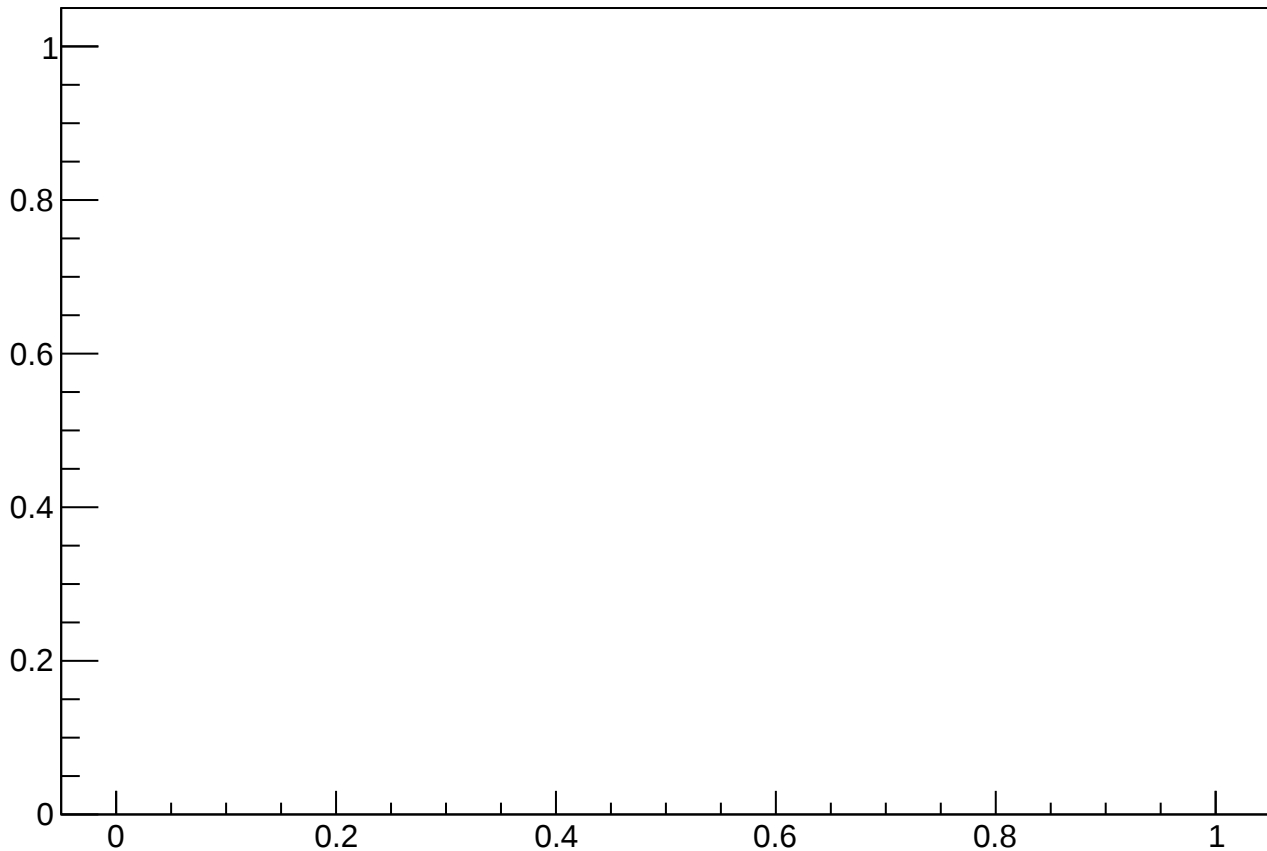
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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_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

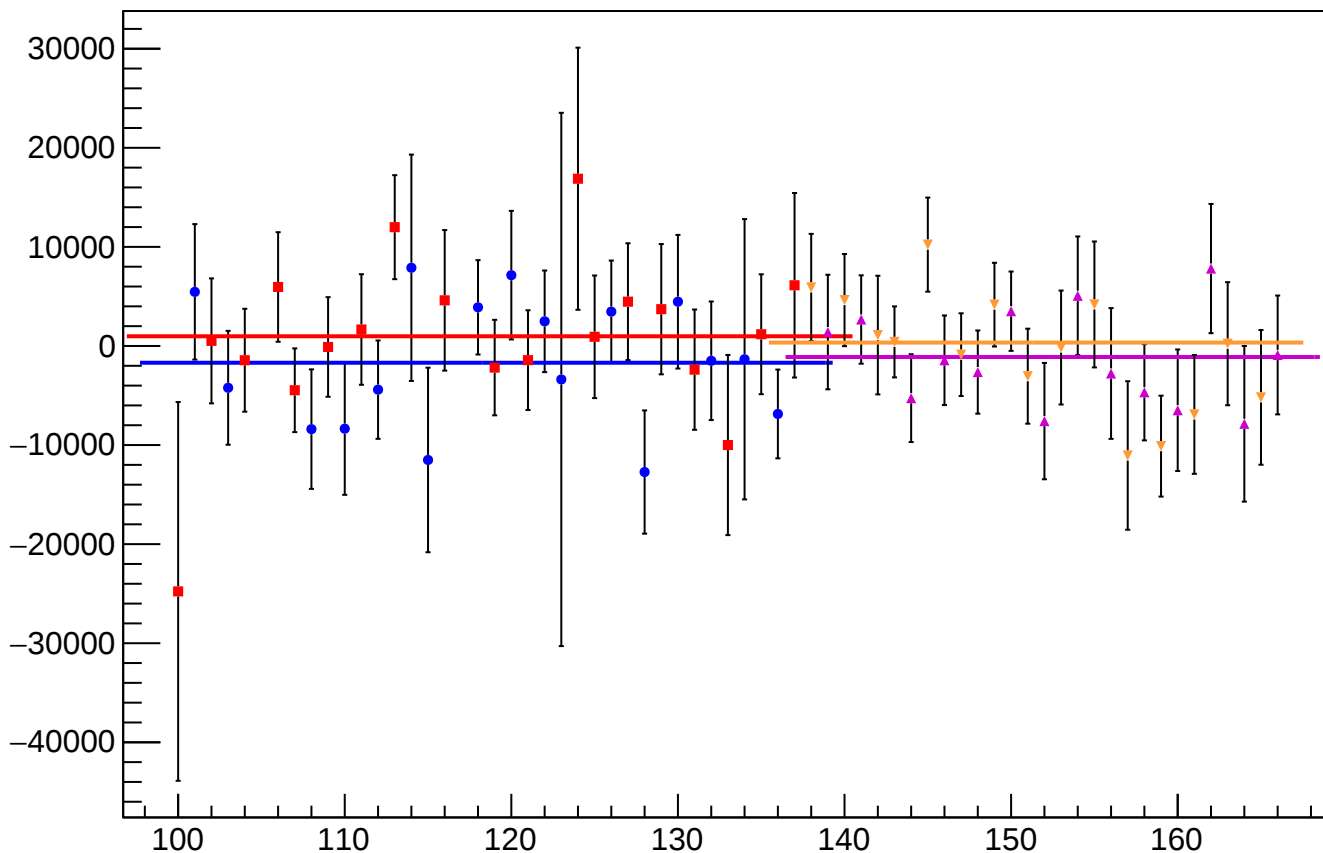
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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_avg_mean vs Slug



Right In: -1692.604 $\pm$ 1512.935 χ^2 /NDF: 15.8/16

Left Out: 343.857 $\pm$ 1319.543 χ^2 /NDF: 16.7/14

Right Out: 977.899 $\pm$ 1378.874 χ^2 /NDF: 13.9/18

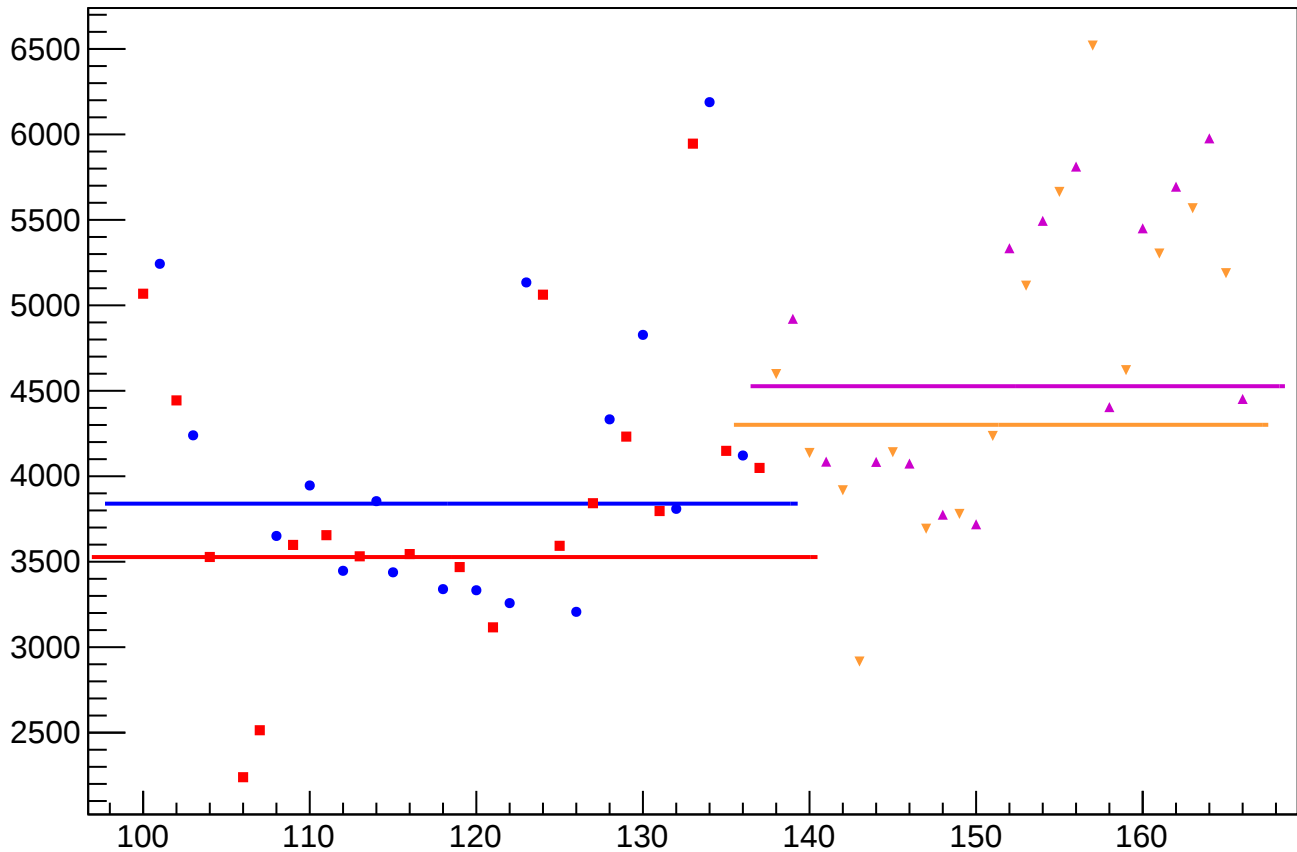
Left In: -1114.449 $\pm$ 1392.592 χ^2 /NDF: 9.5/13

+ sign -535.976 $\pm$ 994.449 χ^2 /NDF: 33.6/31

All: -293.407 $\pm$ 697.954 χ^2 /NDF: 58.3/64

- sign -57.919 $\pm$ 979.825 χ^2 /NDF: 24.6/32

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4301.041+/-0.933 χ^2/NDF : 879483.5/14

Right Out: 3527.320+/-0.966 χ^2/NDF : 554785.4/18

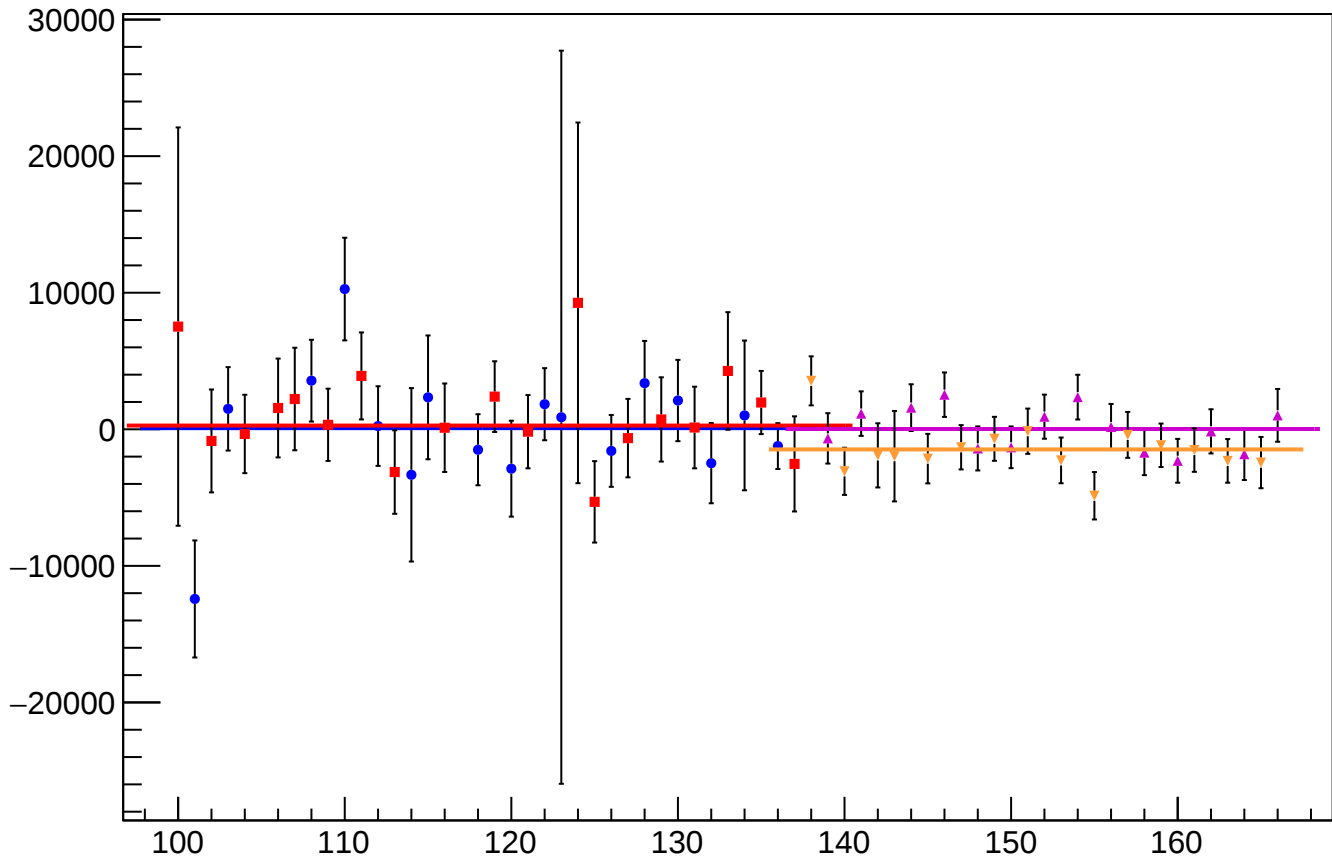
Left In: 4526.900+/-0.985 χ^2/NDF : 559517.4/13

+ sign 4101.739+/-0.703 χ^2/NDF : 1311043.5/31

All: 4058.852+/-0.492 χ^2/NDF : 2957661.5/64

- sign 4017.600+/-0.690 χ^2/NDF : 1639320.1/32

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860 ± 750.549 χ^2/NDF : 22.9/16

Left Out: -1474.209 ± 453.605 χ^2/NDF : 14.8/14

Right Out: 272.707 ± 734.115 χ^2/NDF : 10.2/18

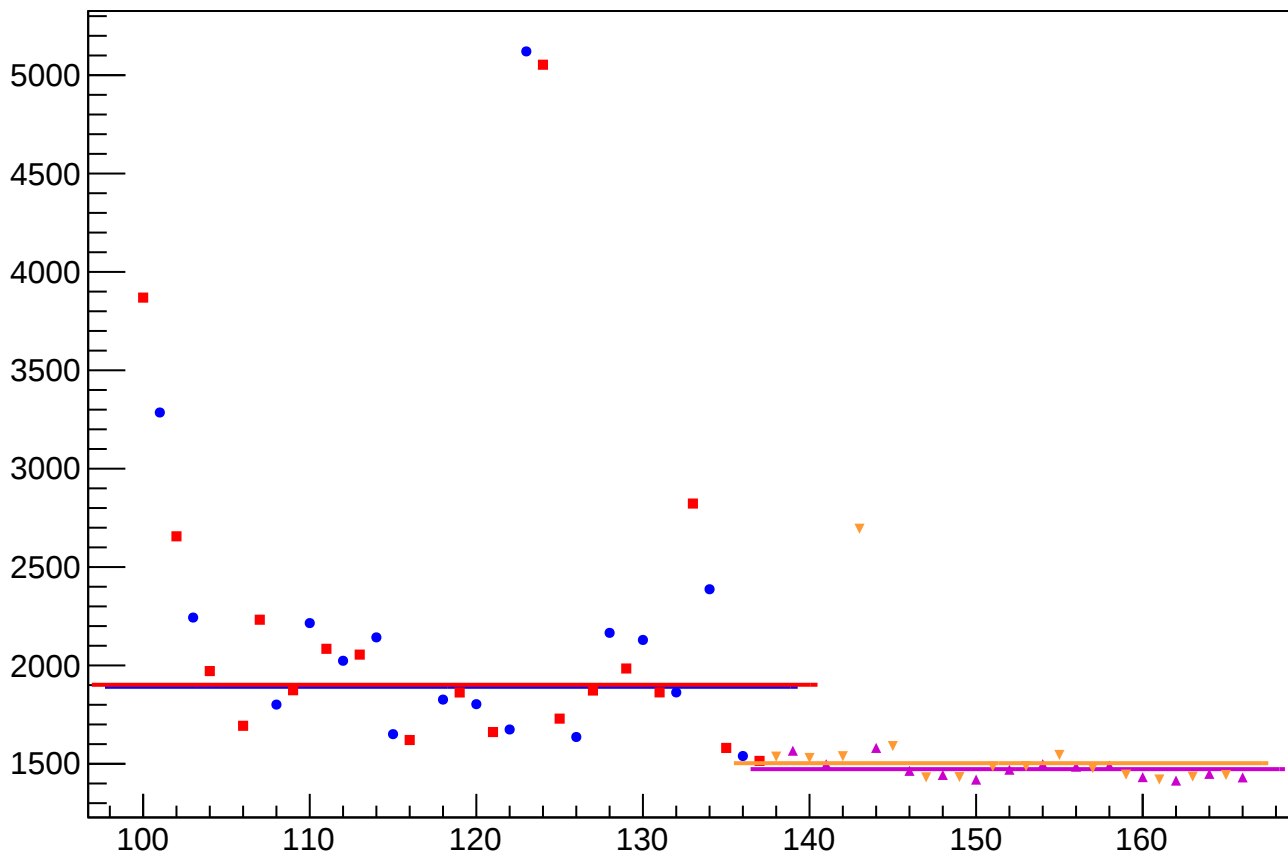
Left In: 21.824 ± 447.427 χ^2/NDF : 12.2/13

+ sign -1057.369 ± 388.214 χ^2/NDF : 40.9/31

All: -474.630 ± 272.306 χ^2/NDF : 67.7/64

- sign 89.776 ± 382.059 χ^2/NDF : 22.4/32

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492 $\pm$ 0.531 χ^2 /NDF: 464497.5/16

Left Out: 1503.218 $\pm$ 0.321 χ^2 /NDF: 288722.1/14

Right Out: 1901.797 $\pm$ 0.519 χ^2 /NDF: 460687.3/18

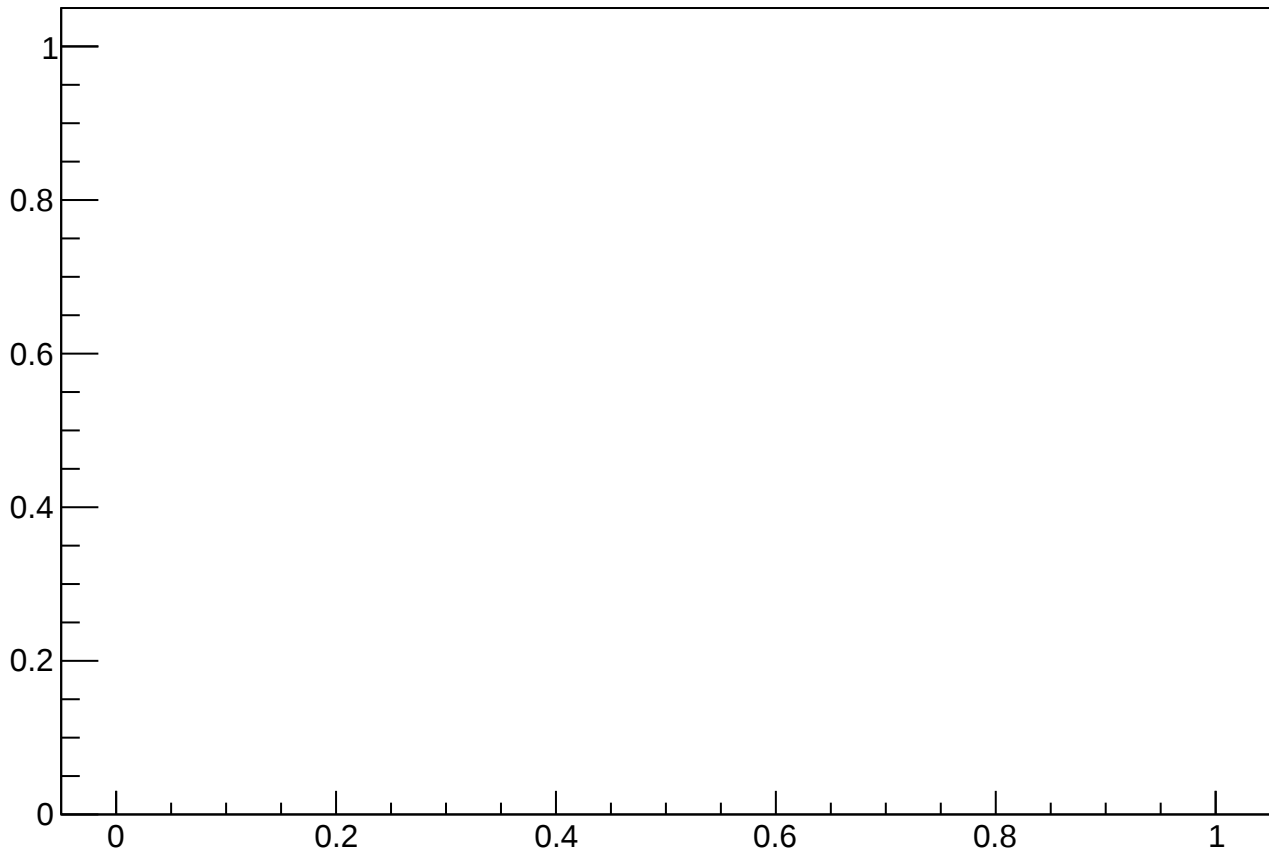
Left In: 1472.943 $\pm$ 0.316 χ^2 /NDF: 22689.7/13

+ sign 1607.097 $\pm$ 0.275 χ^2 /NDF: 1145267.4/31

All: 1597.955 $\pm$ 0.193 χ^2 /NDF: 2128503.5/64

- sign 1589.102 $\pm$ 0.270 χ^2 /NDF: 981053.0/32

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 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

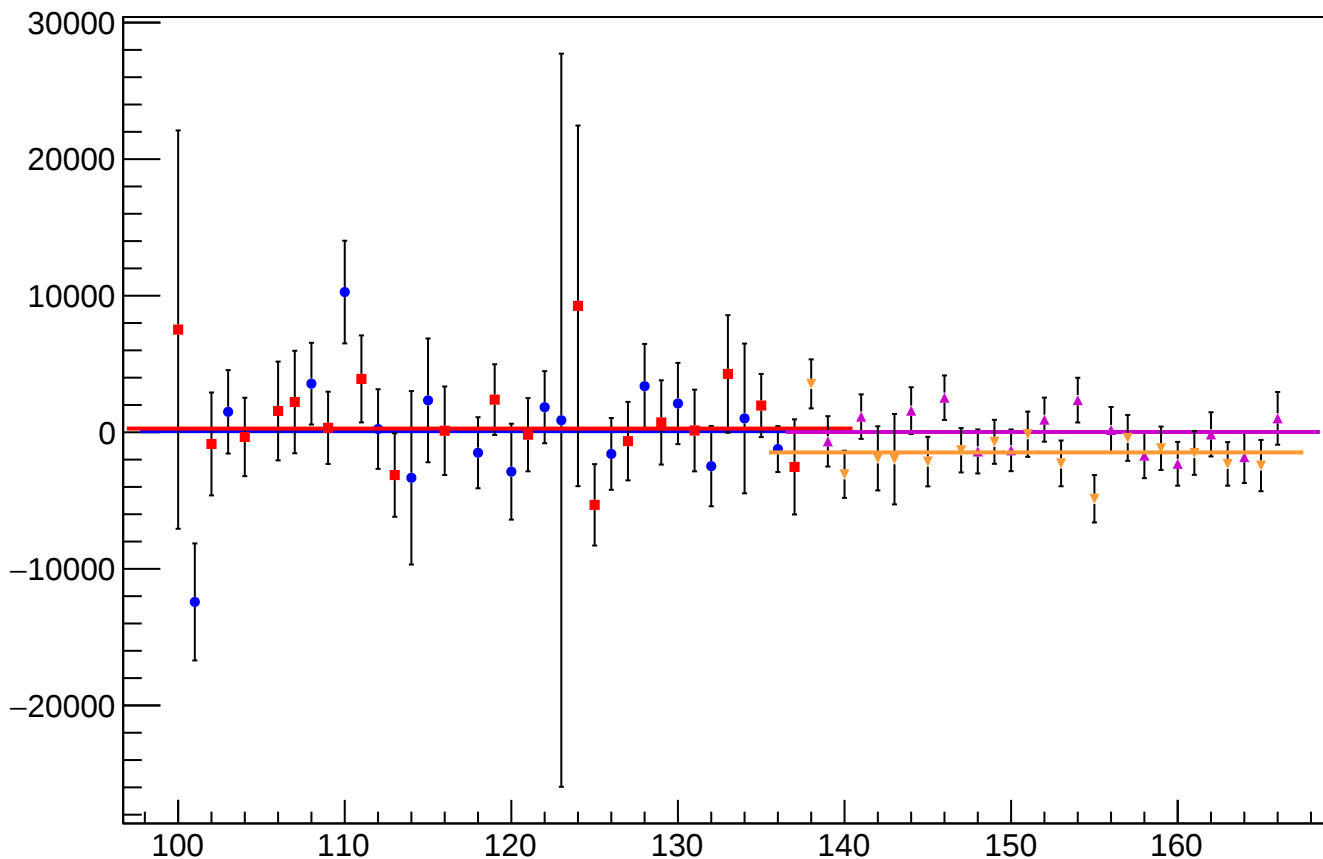
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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: 83.860+/-750.549 χ^2/NDF : 22.9/16

Left Out: -1474.209+/-453.605 χ^2/NDF : 14.8/14

Right Out: 272.707+/-734.115 χ^2/NDF : 10.2/18

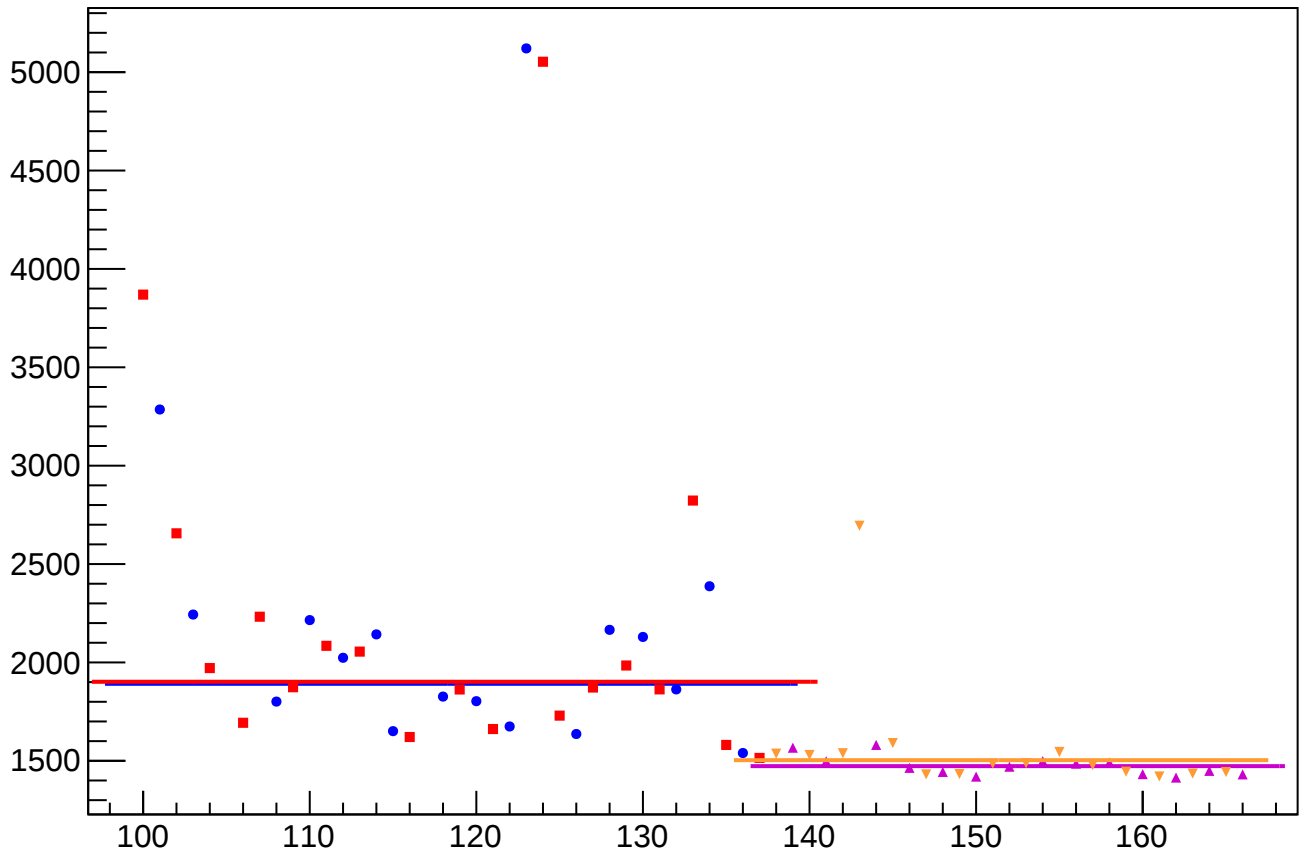
Left In: 21.824+/-447.427 χ^2/NDF : 12.2/13

+ sign -1057.369+/-388.214 χ^2/NDF : 40.9/31

All: -474.630+/-272.306 χ^2/NDF : 67.7/64

- sign 89.776+/-382.059 χ^2/NDF : 22.4/32

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492+/-0.531 χ^2/NDF : 464497.5/16

Left Out: 1503.218+/-0.321 χ^2/NDF : 288722.1/14

Right Out: 1901.797+/-0.519 χ^2/NDF : 460687.3/18

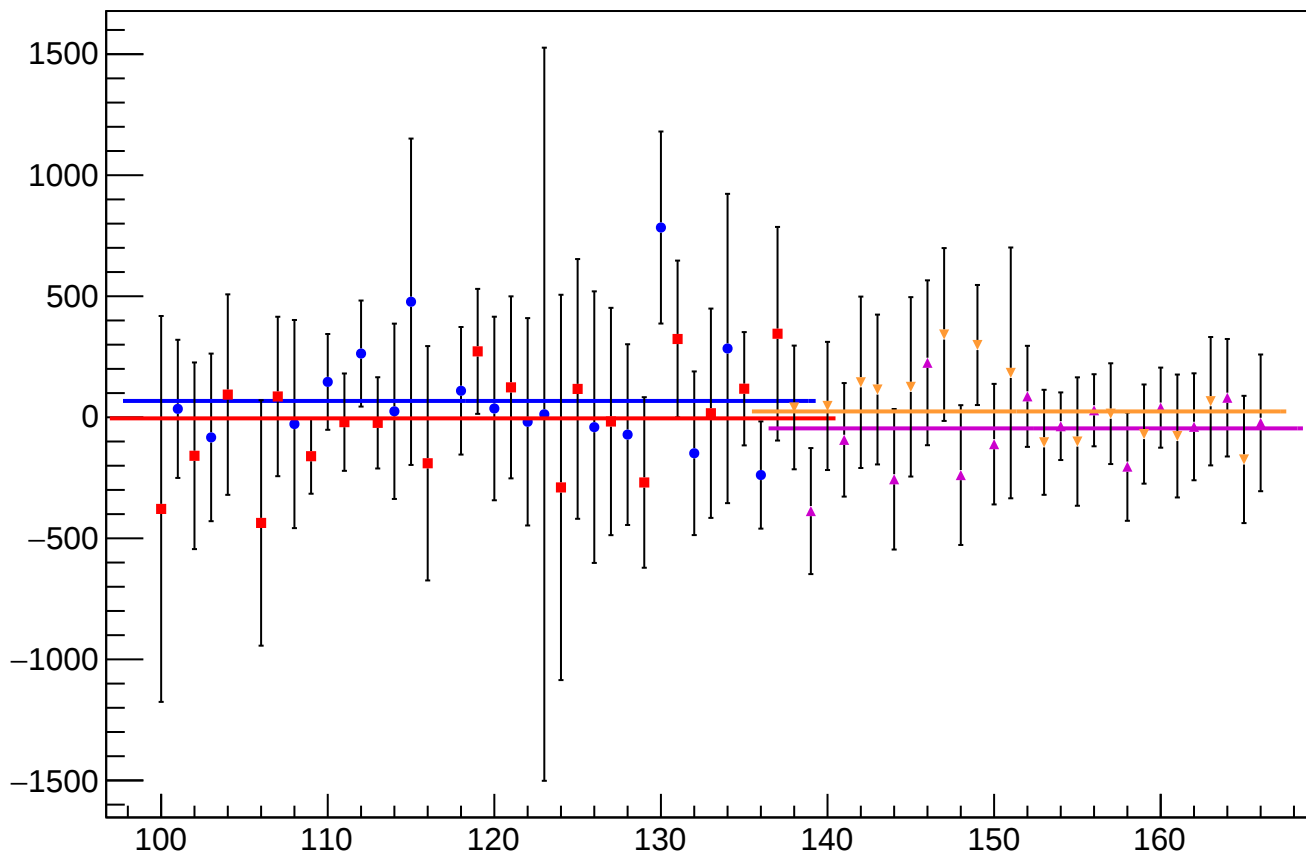
Left In: 1472.943+/-0.316 χ^2/NDF : 22689.7/13

+ sign 1607.097+/-0.275 χ^2/NDF : 1145267.4/31

All: 1597.955+/-0.193 χ^2/NDF : 2128503.5/64

- sign 1589.102+/-0.270 χ^2/NDF : 981053.0/32

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.542 $\pm$ 79.608 χ^2 /NDF: 7.5/16

Left Out: 24.227 $\pm$ 69.052 χ^2 /NDF: 3.9/14

Right Out: -4.423 $\pm$ 70.009 χ^2 /NDF: 6.4/18

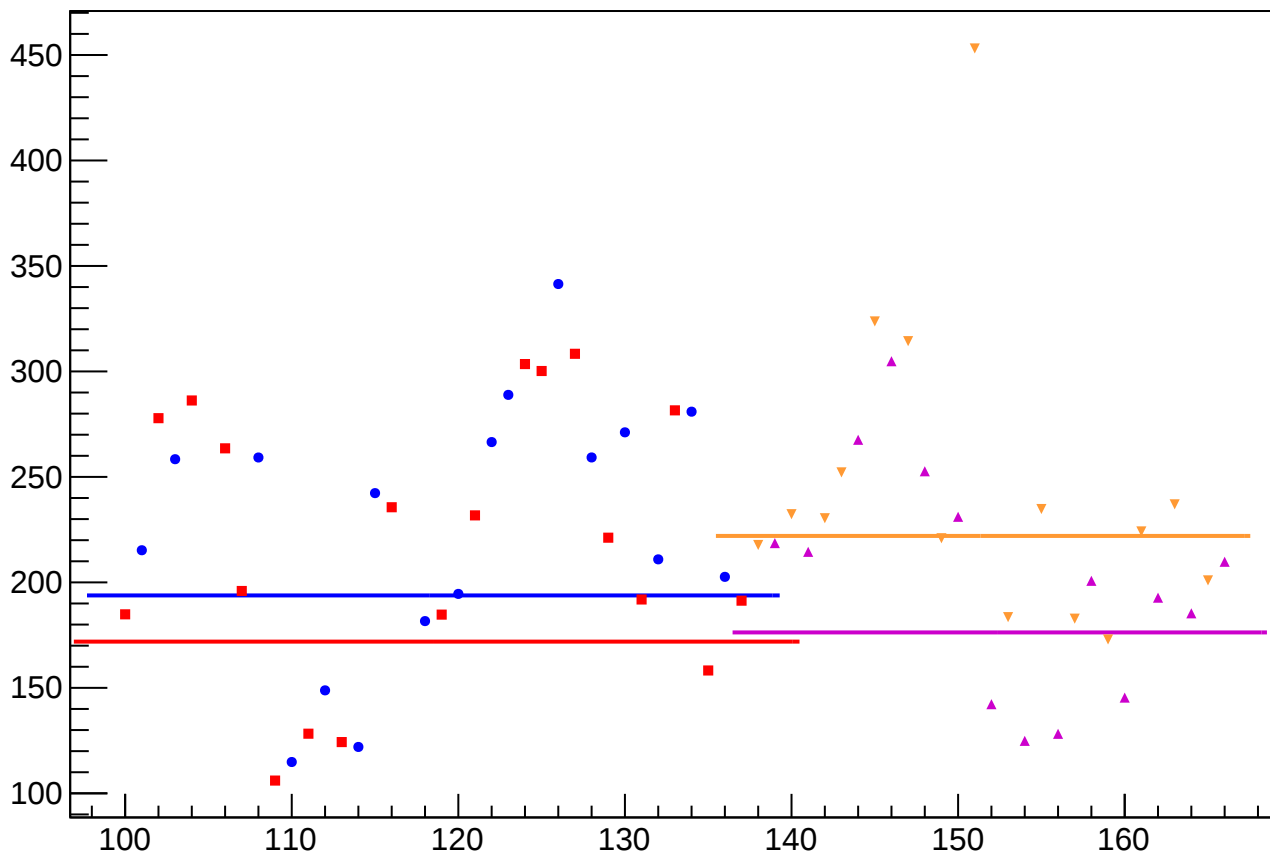
Left In: -45.819 $\pm$ 57.034 χ^2 /NDF: 5.1/13

+ sign 42.824 $\pm$ 52.163 χ^2 /NDF: 11.6/31

All: 0.854 $\pm$ 33.730 χ^2 /NDF: 24.5/64

- sign -29.305 $\pm$ 44.218 χ^2 /NDF: 11.7/32

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 193.815 $\pm$ 0.056 χ^2 /NDF: 1010325.5/16

Left Out: 222.021 $\pm$ 0.049 χ^2 /NDF: 978921.4/14

Right Out: 171.920 $\pm$ 0.050 χ^2 /NDF: 1577076.0/18

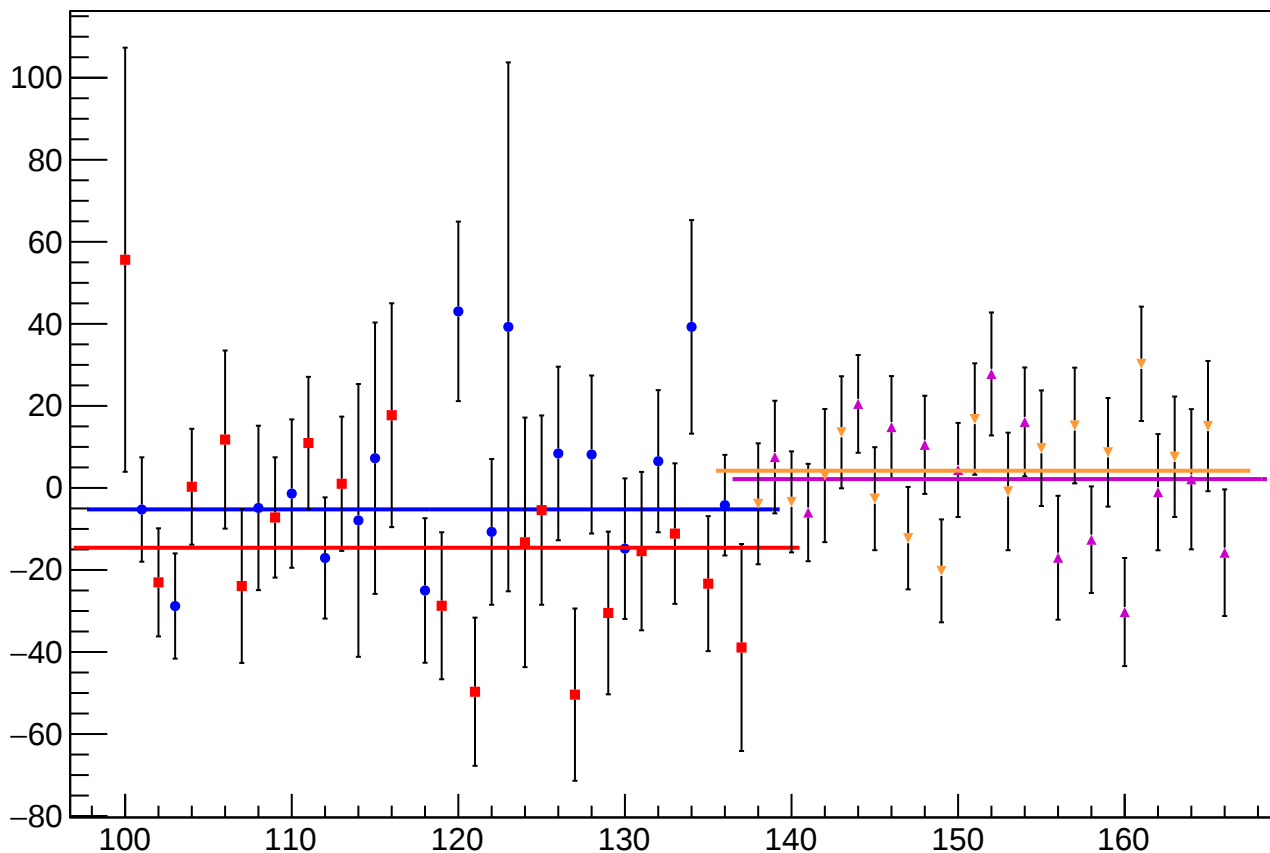
Left In: 176.278 $\pm$ 0.040 χ^2 /NDF: 1494025.5/13

+ sign 209.911 $\pm$ 0.037 χ^2 /NDF: 2132522.7/31

All: 189.329 $\pm$ 0.024 χ^2 /NDF: 5743387.9/64

- sign 174.540 $\pm$ 0.031 χ^2 /NDF: 3075760.6/32

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.231 ± 4.356 $\chi^2/\text{NDF}: 15.5/16$

Left Out: 4.197 ± 3.552 $\chi^2/\text{NDF}: 12.9/14$

Right Out: -14.579 ± 4.265 $\chi^2/\text{NDF}: 19.5/18$

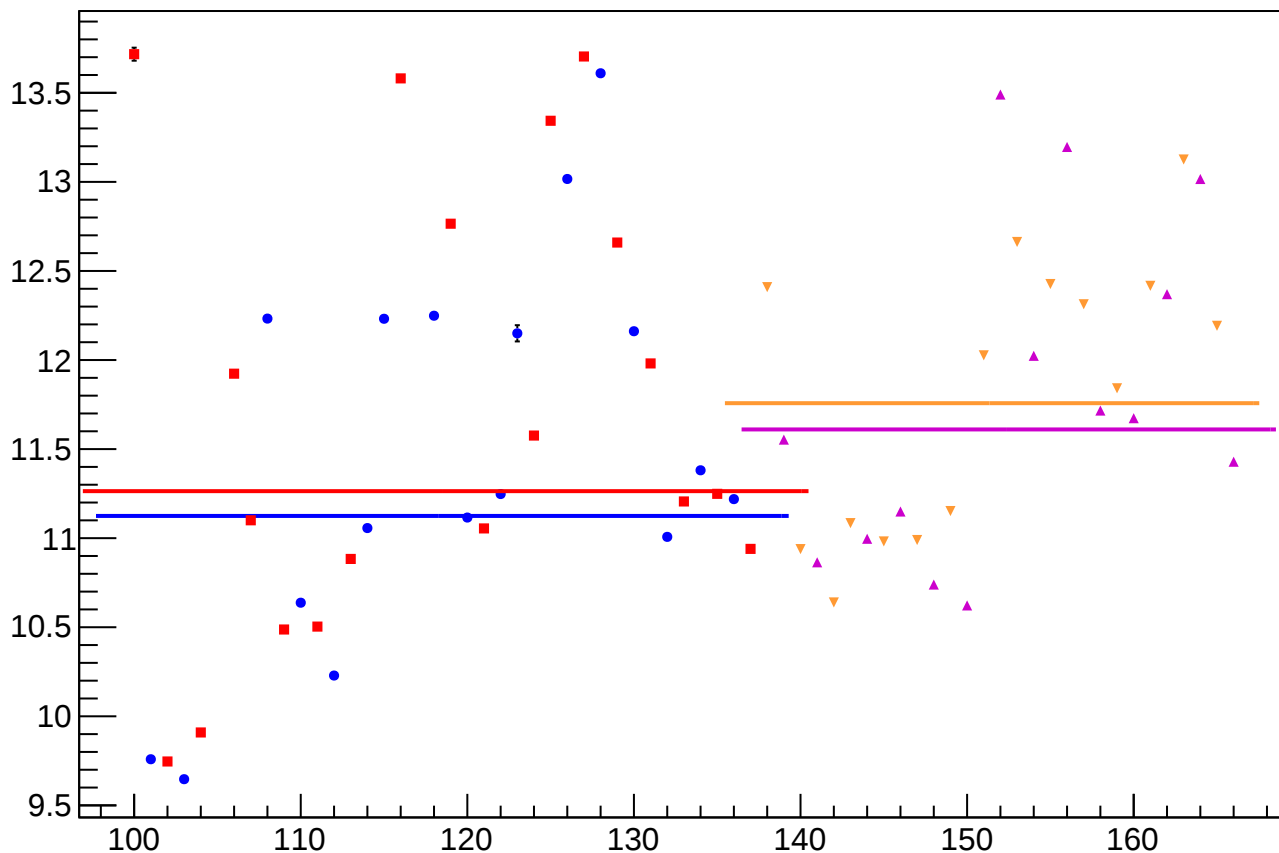
Left In: 2.161 ± 3.551 $\chi^2/\text{NDF}: 18.9/13$

+ sign 0.432 ± 2.753 $\chi^2/\text{NDF}: 31.2/31$

All: -2.152 ± 1.938 $\chi^2/\text{NDF}: 80.5/64$

- sign -4.693 ± 2.729 $\chi^2/\text{NDF}: 47.6/32$

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.125 $\pm$ 0.003 χ^2 /NDF: 132520.1/16

Left Out: 11.758 $\pm$ 0.003 χ^2 /NDF: 86762.2/14

Right Out: 11.264 $\pm$ 0.003 χ^2 /NDF: 147733.2/18

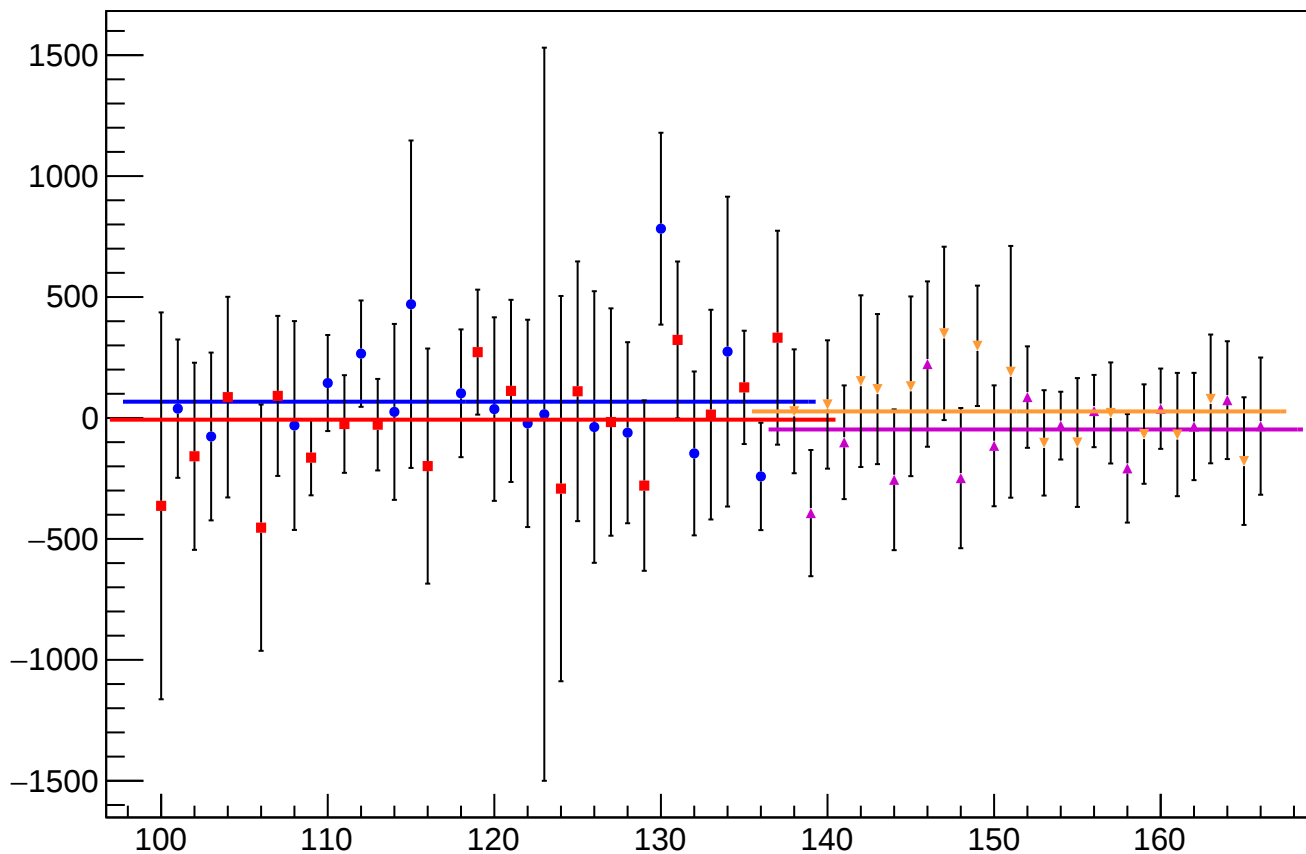
Left In: 11.610 $\pm$ 0.003 χ^2 /NDF: 116589.8/13

+ sign 11.505 $\pm$ 0.002 χ^2 /NDF: 244648.3/31

All: 11.487 $\pm$ 0.001 χ^2 /NDF: 516939.6/64

- sign 11.469 $\pm$ 0.002 χ^2 /NDF: 272114.0/32

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 67.305+/-79.817 χ^2/NDF : 7.5/16

Left Out: 27.121+/-69.290 χ^2/NDF : 4.0/14

Right Out: -7.039+/-70.212 χ^2/NDF : 6.4/18

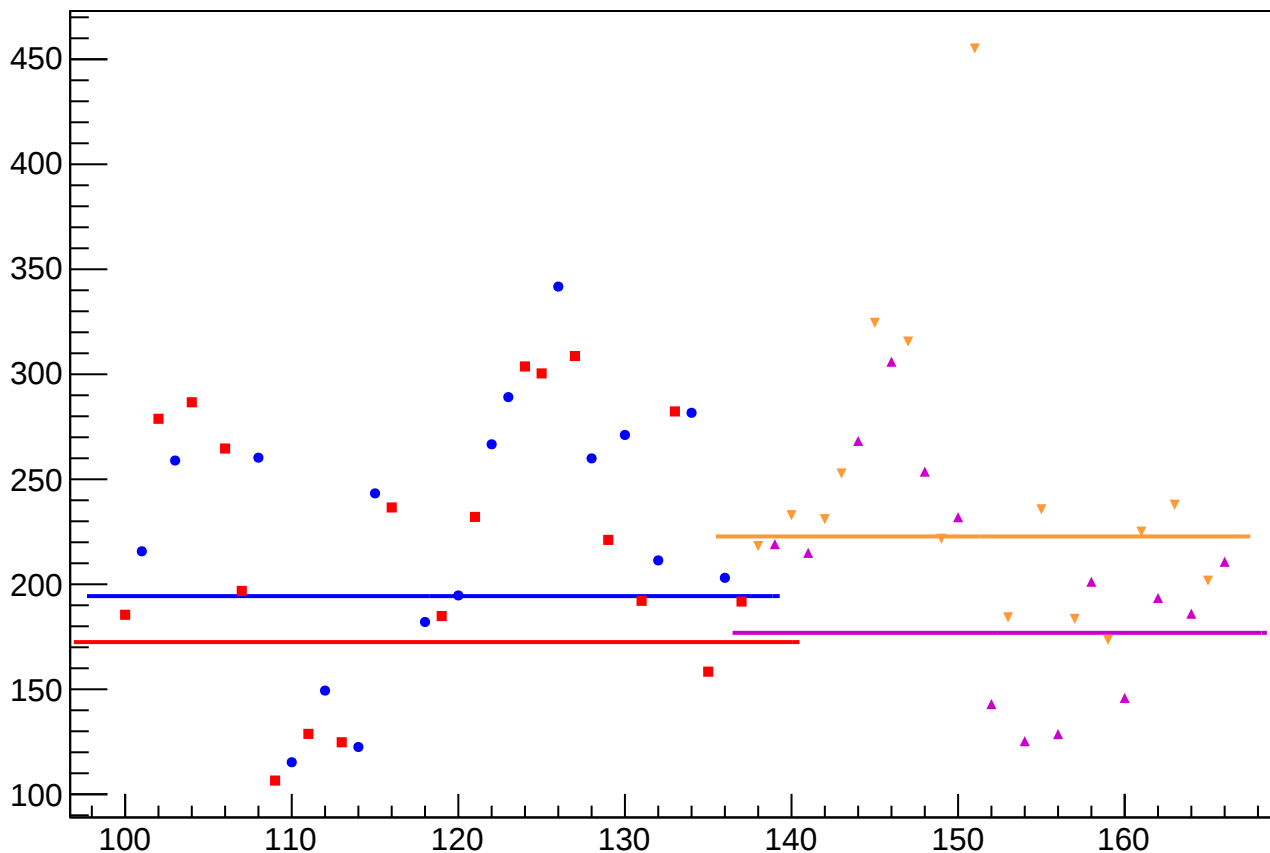
Left In: -47.542+/-57.229 χ^2/NDF : 5.2/13

+ sign 44.390+/-52.324 χ^2/NDF : 11.6/31

All: 0.309+/-33.837 χ^2/NDF : 24.7/64

- sign -31.374+/-44.360 χ^2/NDF : 11.9/32

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 194.365 $\pm$ 0.056 χ^2 /NDF: 1005234.4/16

Left Out: 222.789 $\pm$ 0.049 χ^2 /NDF: 978158.0/14

Right Out: 172.471 $\pm$ 0.050 χ^2 /NDF: 1569648.4/18

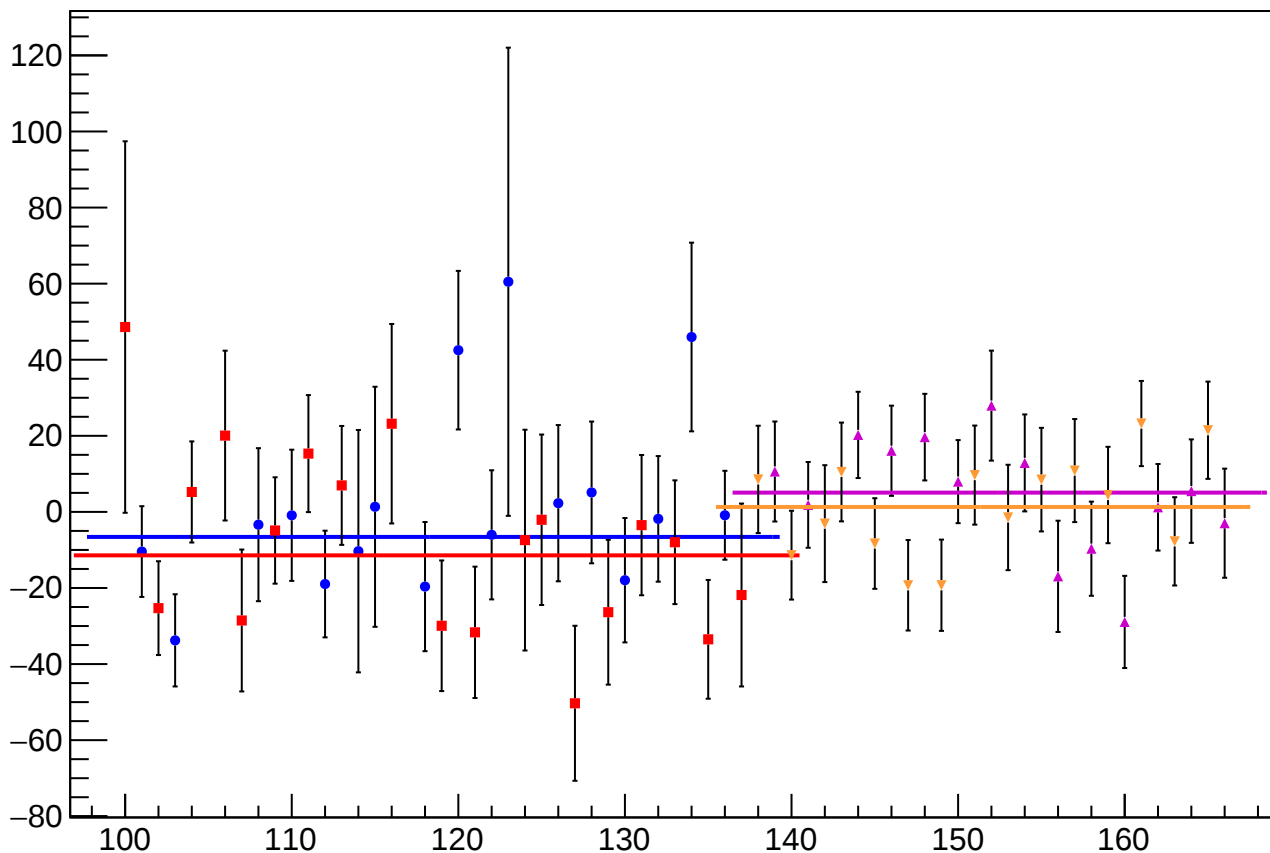
Left In: 176.888 $\pm$ 0.040 χ^2 /NDF: 1492107.7/13

+ sign 210.574 $\pm$ 0.037 χ^2 /NDF: 2128024.6/31

All: 189.949 $\pm$ 0.024 χ^2 /NDF: 5728635.0/64

- sign 175.125 $\pm$ 0.031 χ^2 /NDF: 3066509.7/32

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -6.575 ± 4.157 χ^2/NDF : 19.3/16

Left Out: 1.297 ± 3.274 χ^2/NDF : 16.8/14

Right Out: -11.423 ± 4.080 χ^2/NDF : 23.0/18

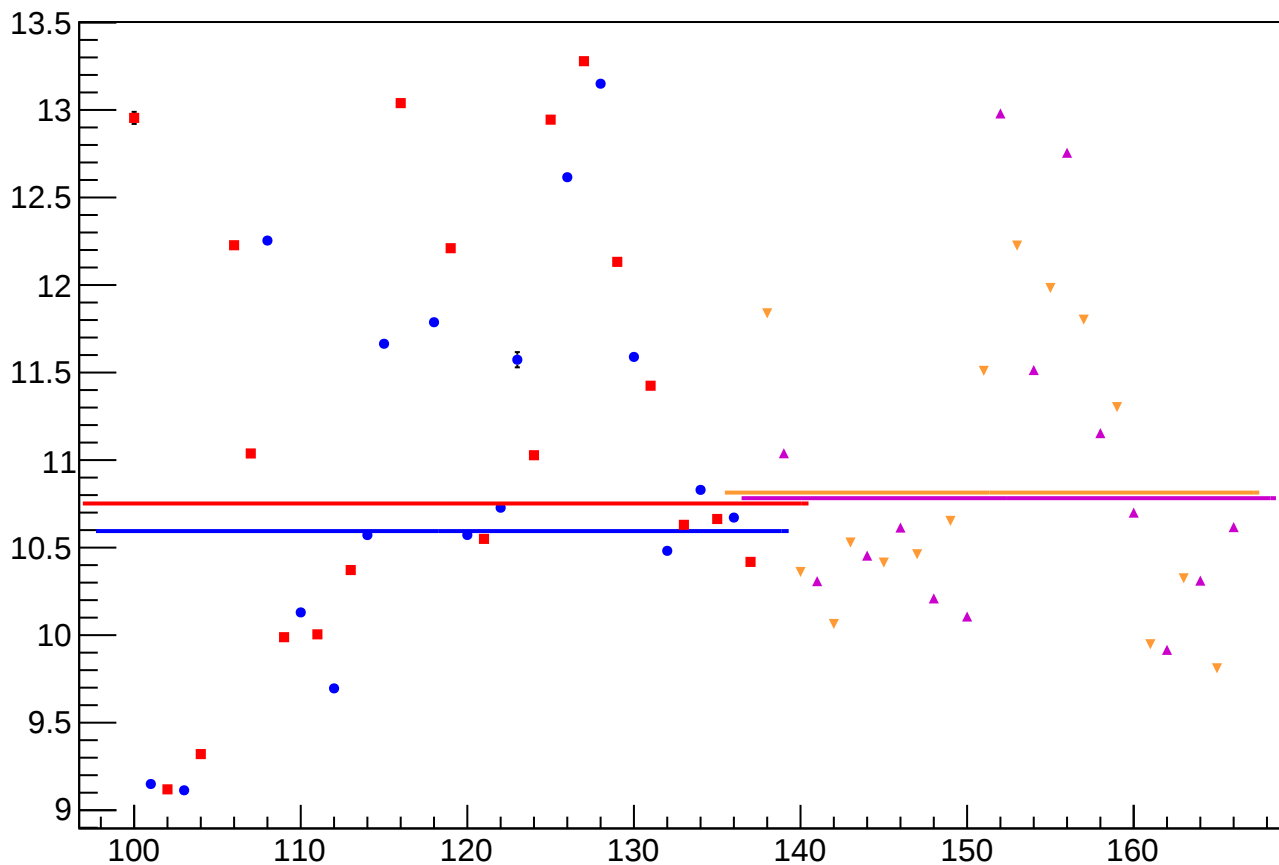
Left In: 5.069 ± 3.304 χ^2/NDF : 19.5/13

+ sign -1.716 ± 2.572 χ^2/NDF : 38.4/31

All: -1.590 ± 1.817 χ^2/NDF : 90.7/64

- sign -1.463 ± 2.568 χ^2/NDF : 52.3/32

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.594 $\pm$ 0.003 χ^2/NDF : 160059.2/16

Left Out: 10.814 $\pm$ 0.002 χ^2/NDF : 106321.6/14

Right Out: 10.752 $\pm$ 0.003 χ^2/NDF : 177173.0/18

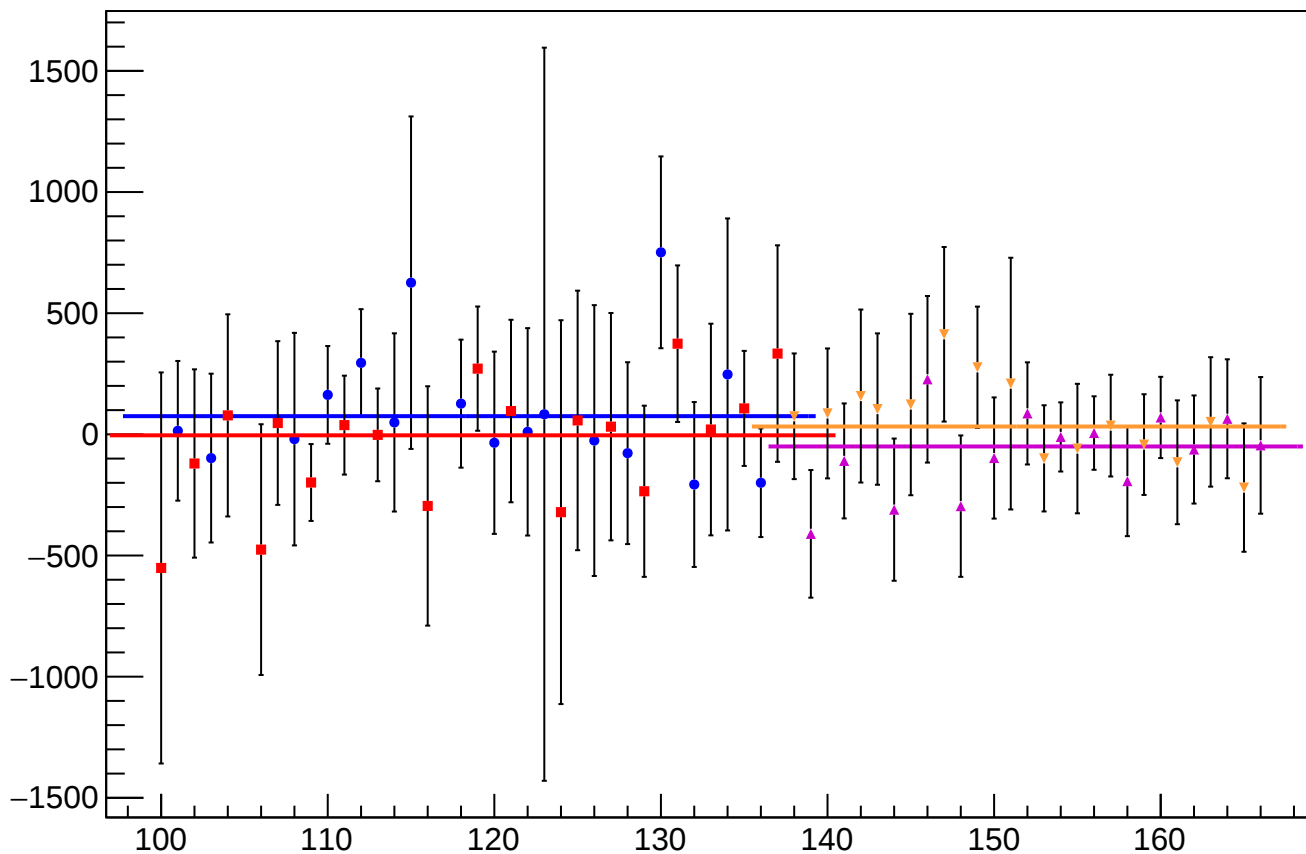
Left In: 10.782 $\pm$ 0.002 χ^2/NDF : 124507.5/13

+ sign 10.730 $\pm$ 0.002 χ^2/NDF : 269833.4/31

All: 10.750 $\pm$ 0.001 χ^2/NDF : 571825.1/64

- sign 10.770 $\pm$ 0.002 χ^2/NDF : 301747.2/32

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 75.086+/-80.352 χ^2/NDF : 7.7/16

Left Out: 32.344+/-69.736 χ^2/NDF : 4.3/14

Right Out: -3.999+/-70.883 χ^2/NDF : 7.3/18

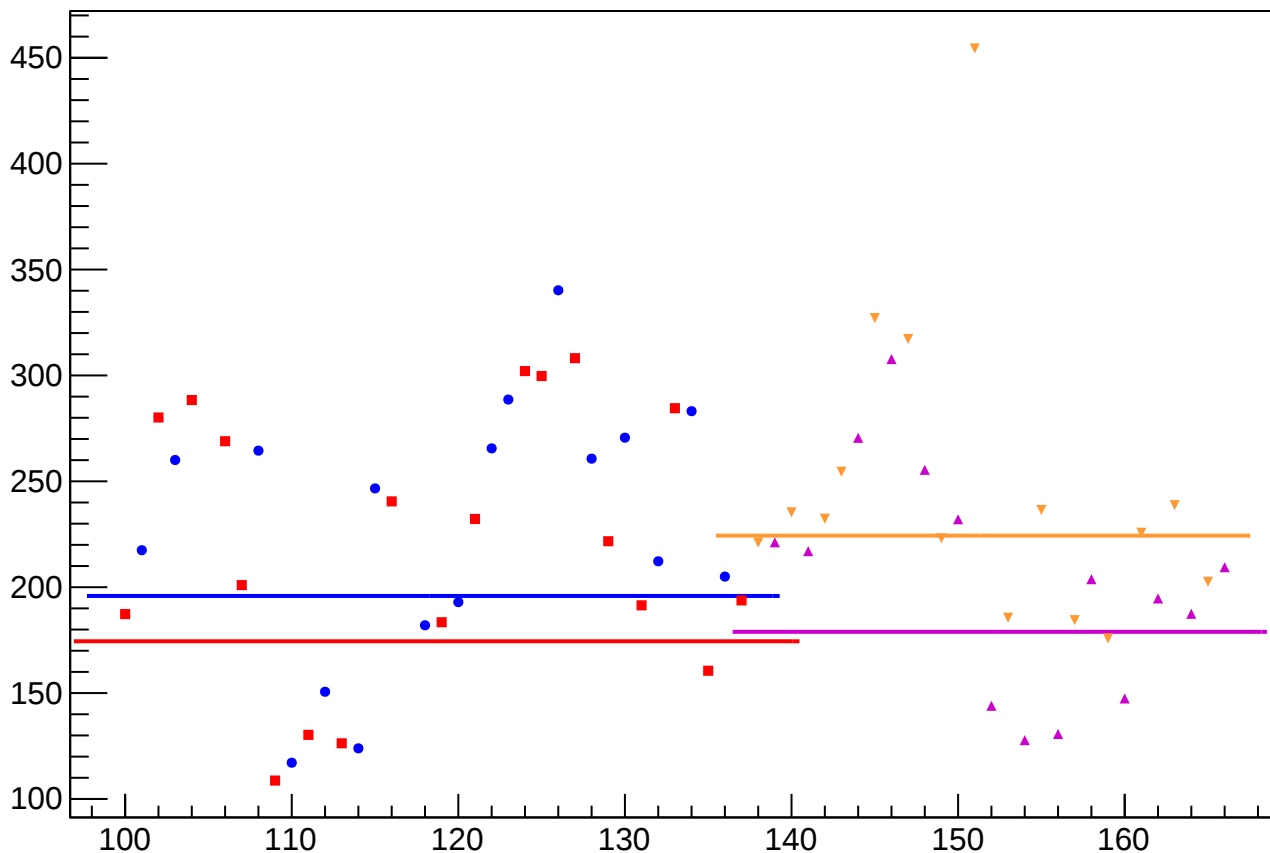
Left In: -49.964+/-57.802 χ^2/NDF : 5.9/13

+ sign 50.707+/-52.667 χ^2/NDF : 12.2/31

All: 2.946+/-34.123 χ^2/NDF : 27.1/64

- sign -31.606+/-44.796 χ^2/NDF : 13.5/32

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 195.869 $\pm$ 0.057 χ^2 /NDF: 979247.4/16

Left Out: 224.365 $\pm$ 0.049 χ^2 /NDF:966685.8/14

Right Out: 174.465 $\pm$ 0.050 χ^2 /NDF: 1528778.5/18

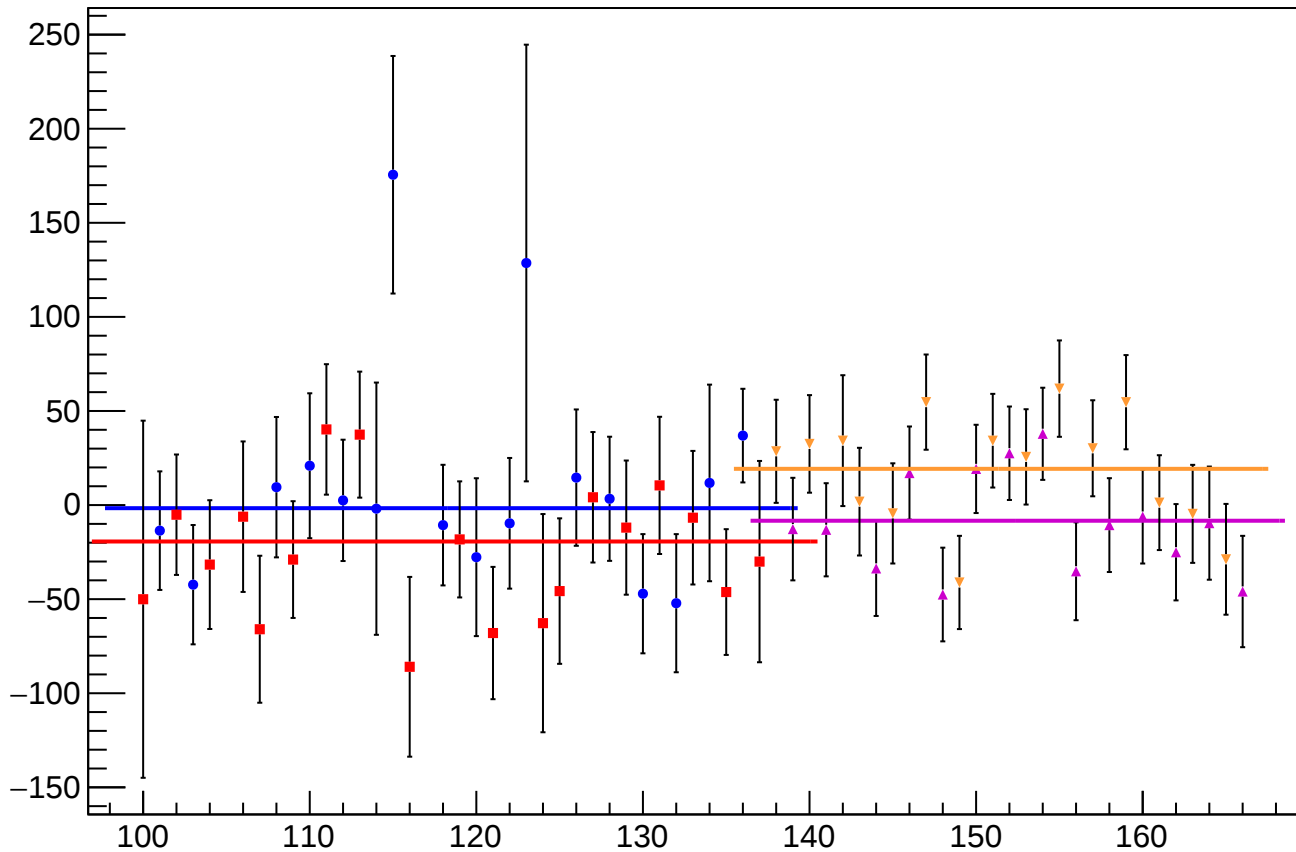
Left In: 178.930 $\pm$ 0.041 χ^2 /NDF:1451122.9/13

+ sign 212.122 $\pm$ 0.037 χ^2 /NDF: 2089409.5/31

All: 191.828 $\pm$ 0.024 χ^2 /NDF: 5585866.6/64

- sign 177.147 $\pm$ 0.032 χ^2 /NDF: 2984666.4/32

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -1.654 ± 8.881 χ^2/NDF : 18.5/16

Left Out: 19.259 ± 6.819 χ^2/NDF : 19.0/14

Right Out: -19.357 ± 8.556 χ^2/NDF : 14.8/18

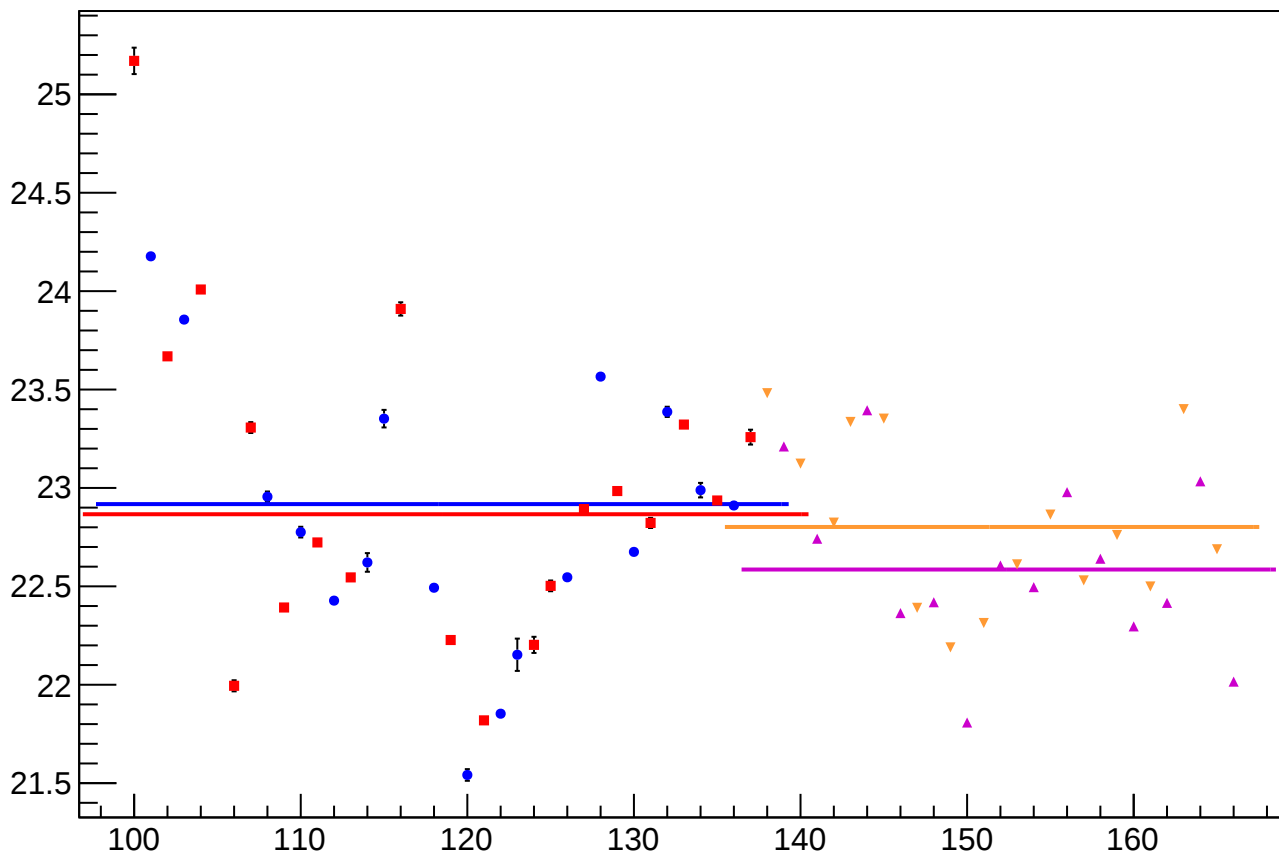
Left In: -8.327 ± 6.841 χ^2/NDF : 14.8/13

+ sign 11.502 ± 5.409 χ^2/NDF : 41.1/31

All: -0.711 ± 3.801 χ^2/NDF : 81.7/64

- sign -12.628 ± 5.343 χ^2/NDF : 30.5/32

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.918 $\pm$ 0.006 χ^2 /NDF: 11472.2/16

Left Out: 22.802 $\pm$ 0.005 χ^2 /NDF: 7338.2/14

Right Out: 22.866 $\pm$ 0.006 χ^2 /NDF: 11052.6/18

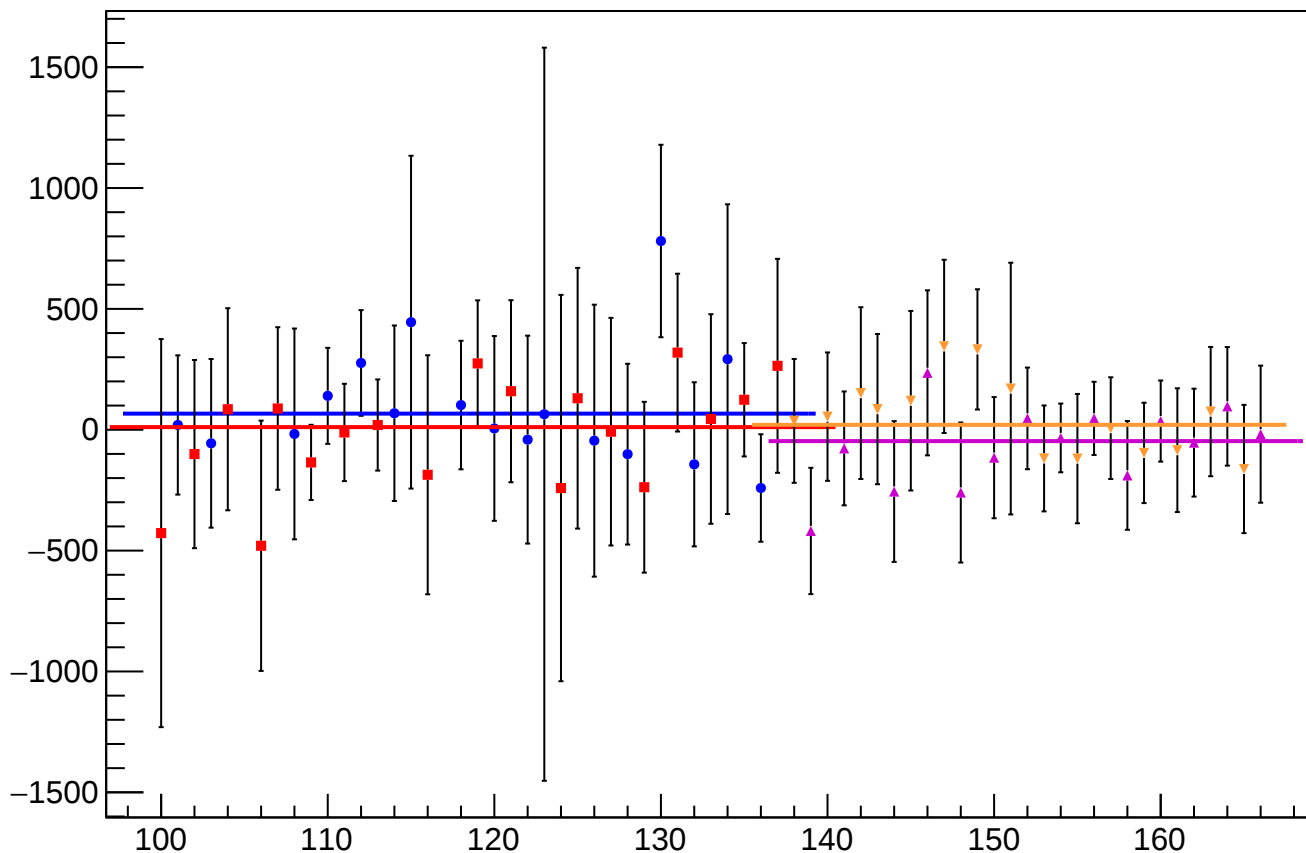
Left In: 22.585 $\pm$ 0.005 χ^2 /NDF: 7669.8/13

+ sign 22.845 $\pm$ 0.004 χ^2 /NDF: 19025.7/31

All: 22.769 $\pm$ 0.003 χ^2 /NDF: 39839.5/64

- sign 22.695 $\pm$ 0.004 χ^2 /NDF: 20037.8/32

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 66.701+/-79.995 χ^2/NDF : 7.5/16

Left Out: 20.374+/-69.570 χ^2/NDF : 4.4/14

Right Out: 10.870+/-70.386 χ^2/NDF : 5.7/18

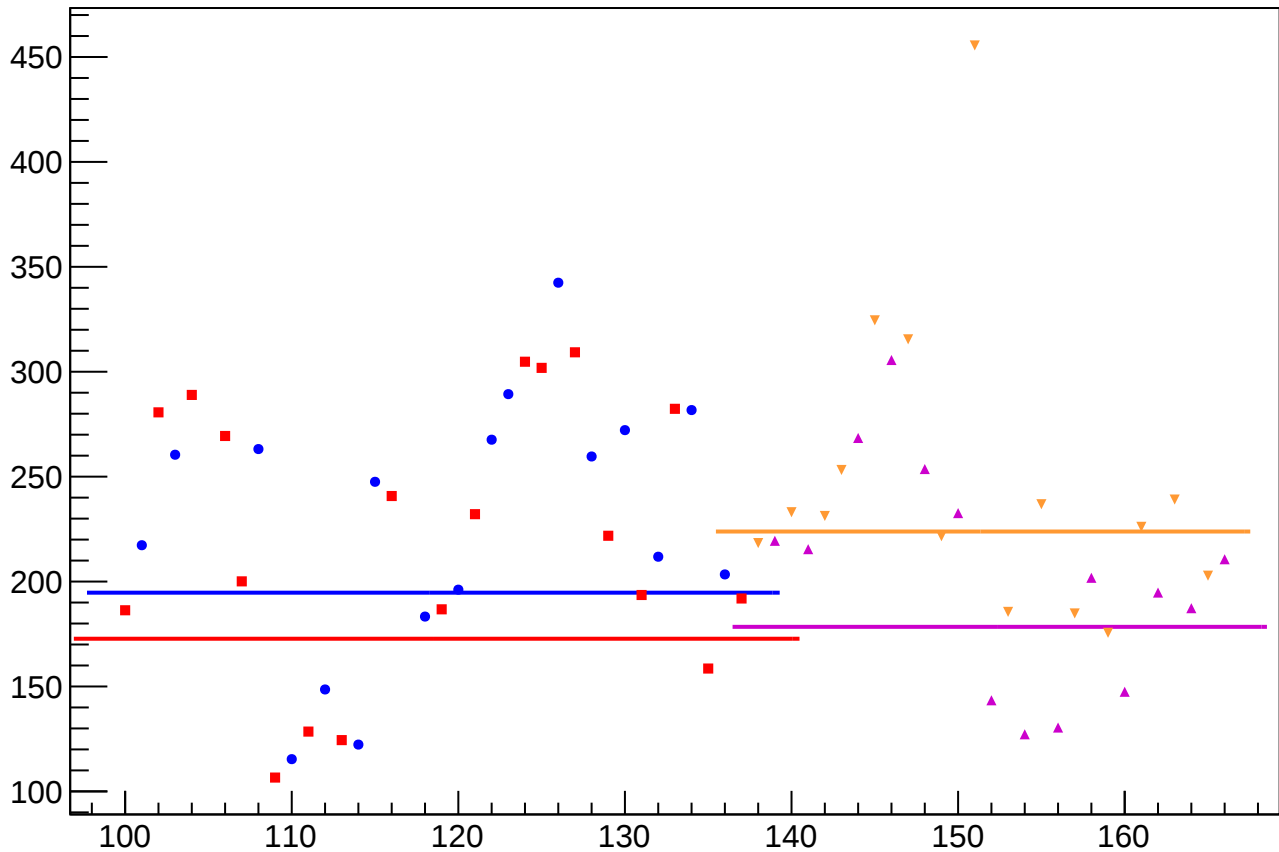
Left In: -47.025+/-57.637 χ^2/NDF : 5.4/13

+ sign 40.324+/-52.495 χ^2/NDF : 12.1/31

All: 3.086+/-33.986 χ^2/NDF : 24.6/64

- sign -23.786+/-44.594 χ^2/NDF : 11.5/32

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.703 $\pm$ 0.057 χ^2 /NDF: 1019872.4/16

Left Out: 223.849 $\pm$ 0.049 χ^2 /NDF:957559.9/14

Right Out: 172.753 $\pm$ 0.050 χ^2 /NDF: 1596944.9/18

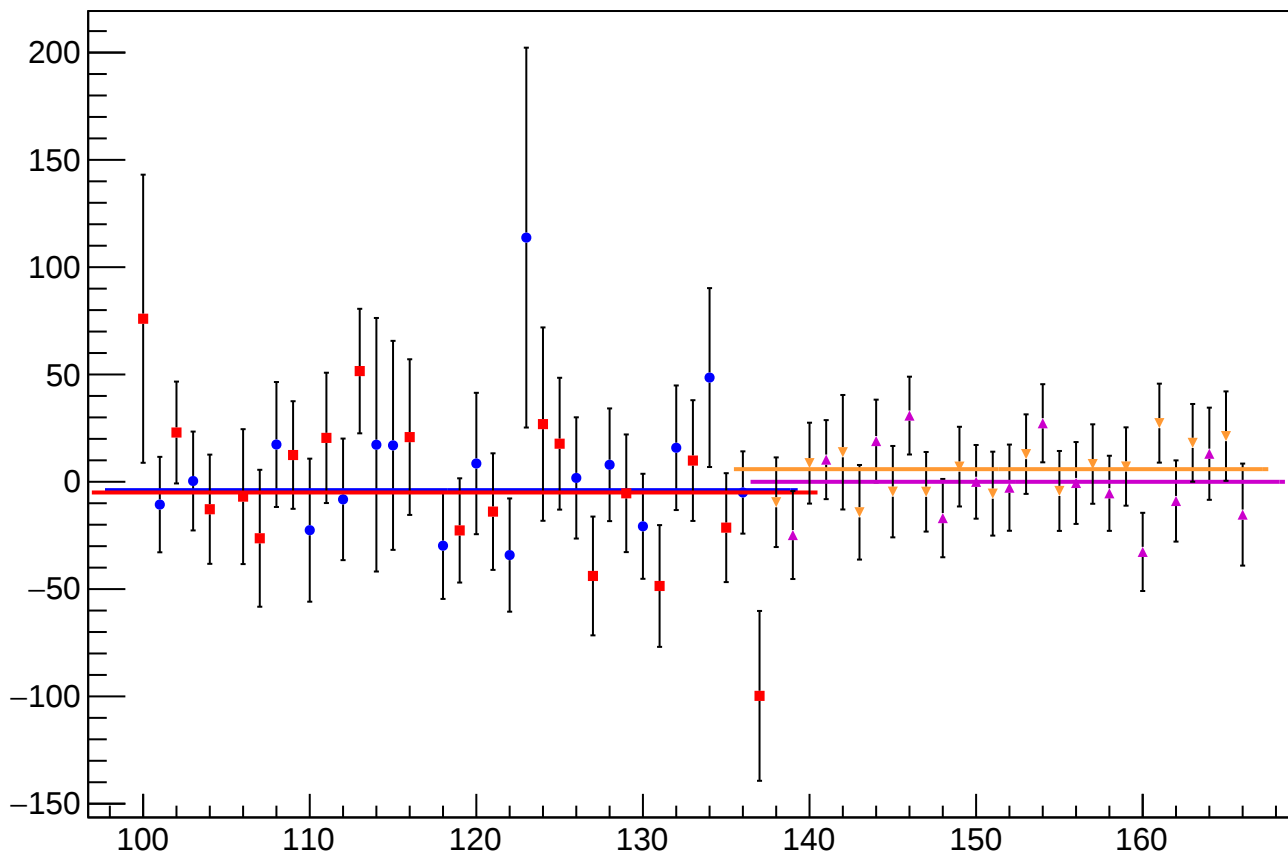
Left In: 178.420 $\pm$ 0.041 χ^2 /NDF:1440199.7/13

+ sign 211.298 $\pm$ 0.037 χ^2 /NDF: 2128598.5/31

All: 190.880 $\pm$ 0.024 χ^2 /NDF: 5694403.1/64

- sign 176.146 $\pm$ 0.032 χ^2 /NDF: 3044905.6/32

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.894 $\pm$ 6.915 χ^2/NDF : 8.4/16

Left Out: 5.885 $\pm$ 5.049 χ^2/NDF : 5.2/14

Right Out: -4.985 $\pm$ 6.727 χ^2/NDF : 21.3/18

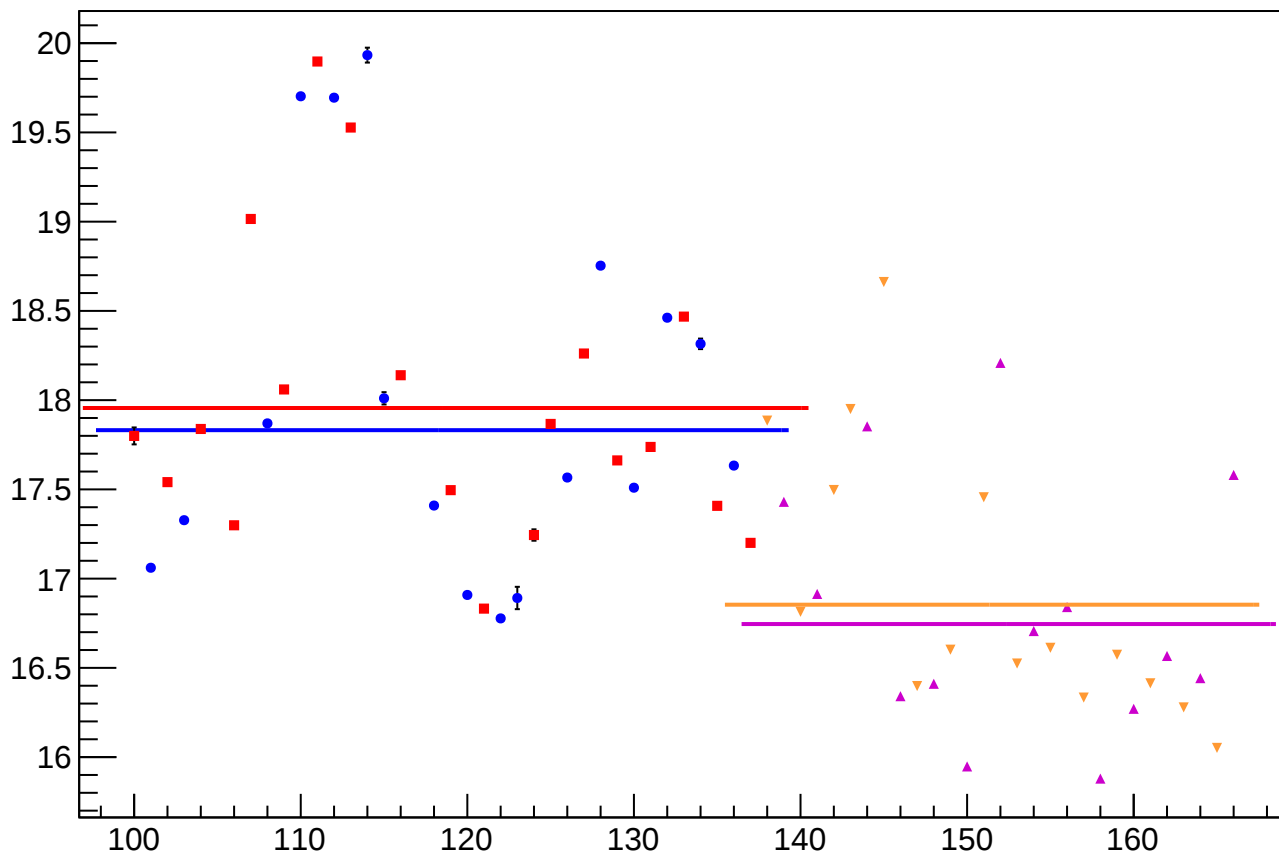
Left In: -0.013 $\pm$ 5.083 χ^2/NDF : 13.1/13

+ sign 2.484 $\pm$ 4.078 χ^2/NDF : 14.9/31

All: 0.320 $\pm$ 2.875 χ^2/NDF : 50.2/64

- sign -1.820 $\pm$ 4.055 χ^2/NDF : 34.8/32

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.832 $\pm$ 0.005 χ^2 /NDF: 30863.4/16

Left Out: 16.854 $\pm$ 0.004 χ^2 /NDF: 38039.4/14

Right Out: 17.956 $\pm$ 0.005 χ^2 /NDF: 25448.9/18

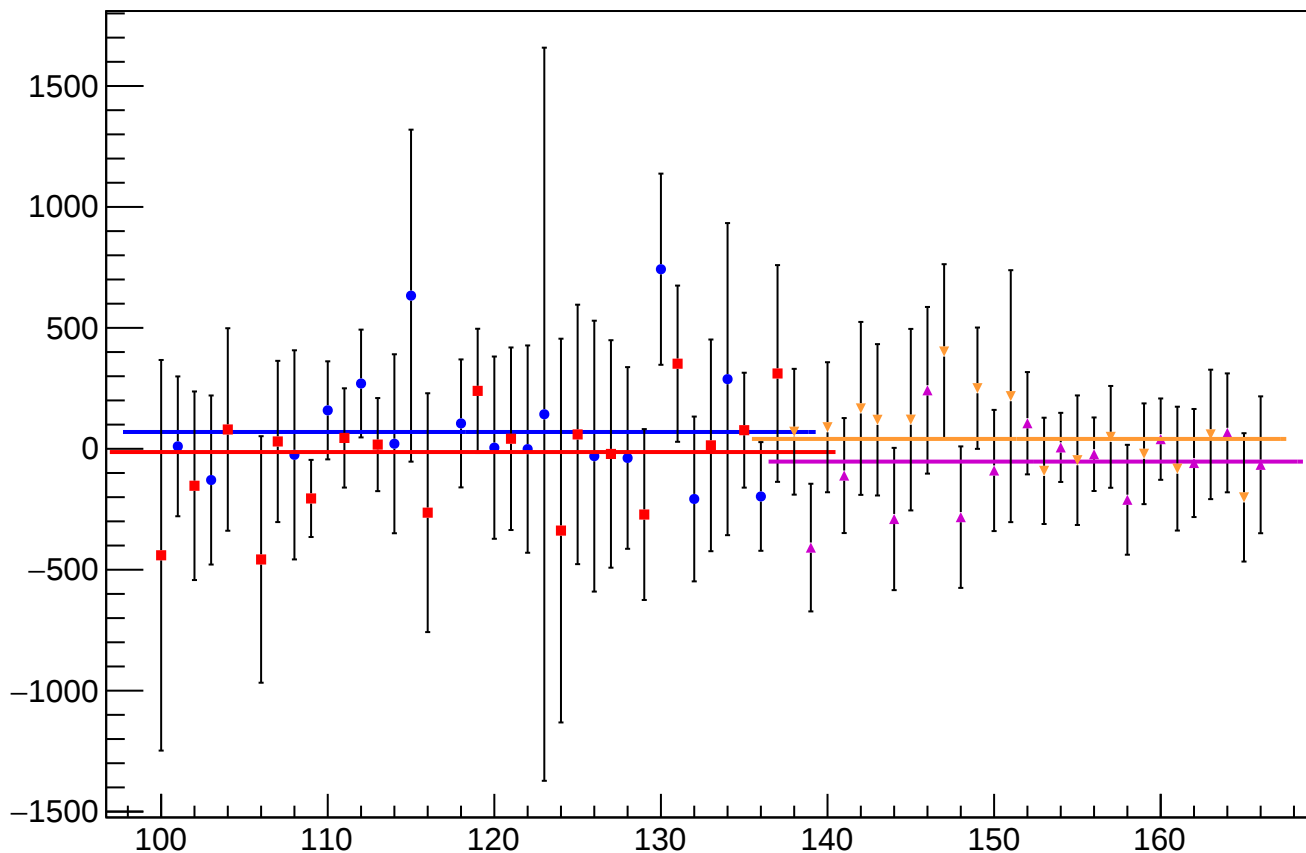
Left In: 16.746 $\pm$ 0.004 χ^2 /NDF: 34958.6/13

+ sign 17.194 $\pm$ 0.003 χ^2 /NDF: 94984.3/31

All: 17.190 $\pm$ 0.002 χ^2 /NDF: 196619.6/64

- sign 17.185 $\pm$ 0.003 χ^2 /NDF: 101630.8/32

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 69.511 $\pm$ 80.550 χ^2 /NDF: 7.4/16

Left Out: 40.799 $\pm$ 69.892 χ^2 /NDF: 3.7/14

Right Out: -13.410 $\pm$ 71.041 χ^2 /NDF: 6.7/18

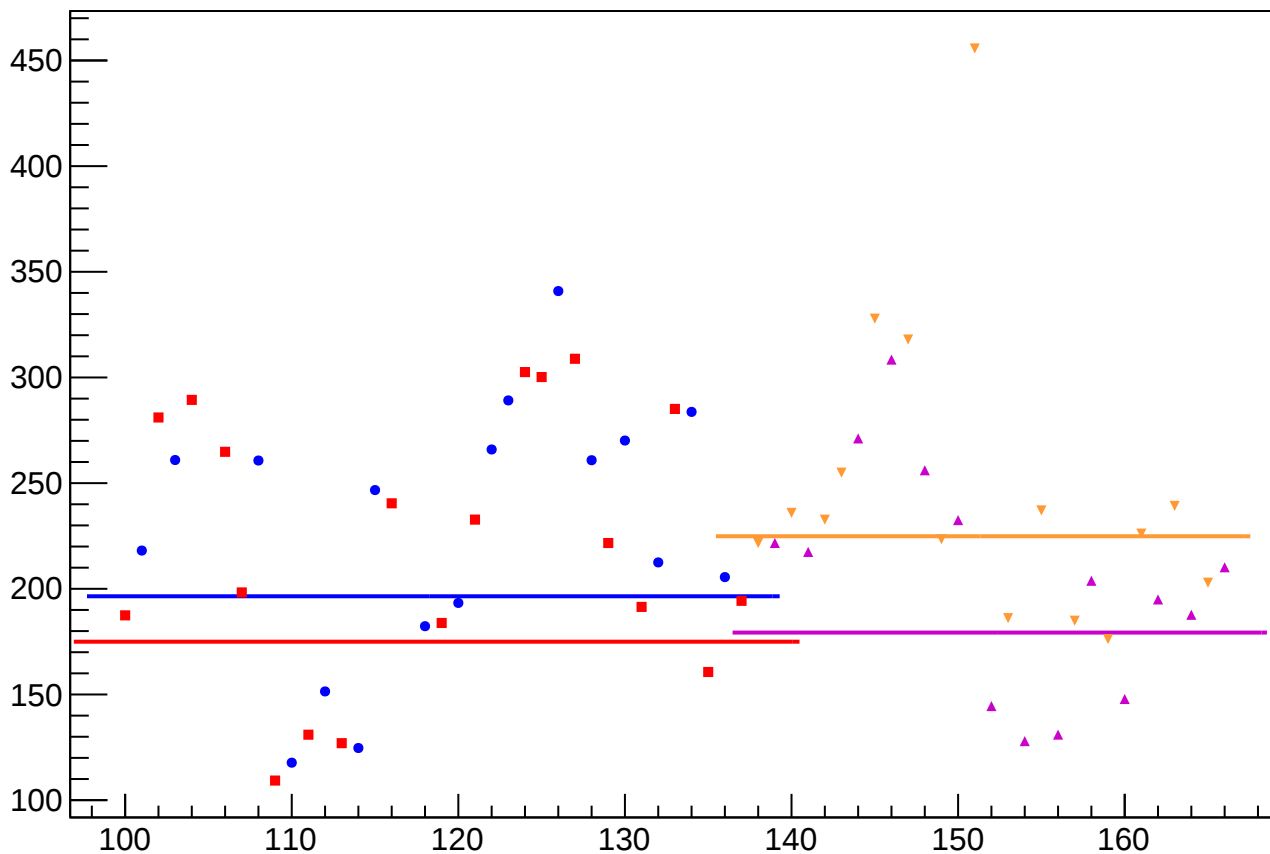
Left In: -52.937 $\pm$ 57.922 χ^2 /NDF: 5.7/13

+ sign 53.131 $\pm$ 52.790 χ^2 /NDF: 11.2/31

All: 0.736 $\pm$ 34.198 χ^2 /NDF: 25.5/64

- sign -37.153 $\pm$ 44.892 χ^2 /NDF: 12.6/32

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 196.470 $\pm$ 0.057 χ^2 /NDF: 964281.5/16

Left Out: 224.865 $\pm$ 0.049 χ^2 /NDF: 966732.0/14

Right Out: 174.981 $\pm$ 0.050 χ^2 /NDF: 1511102.3/18

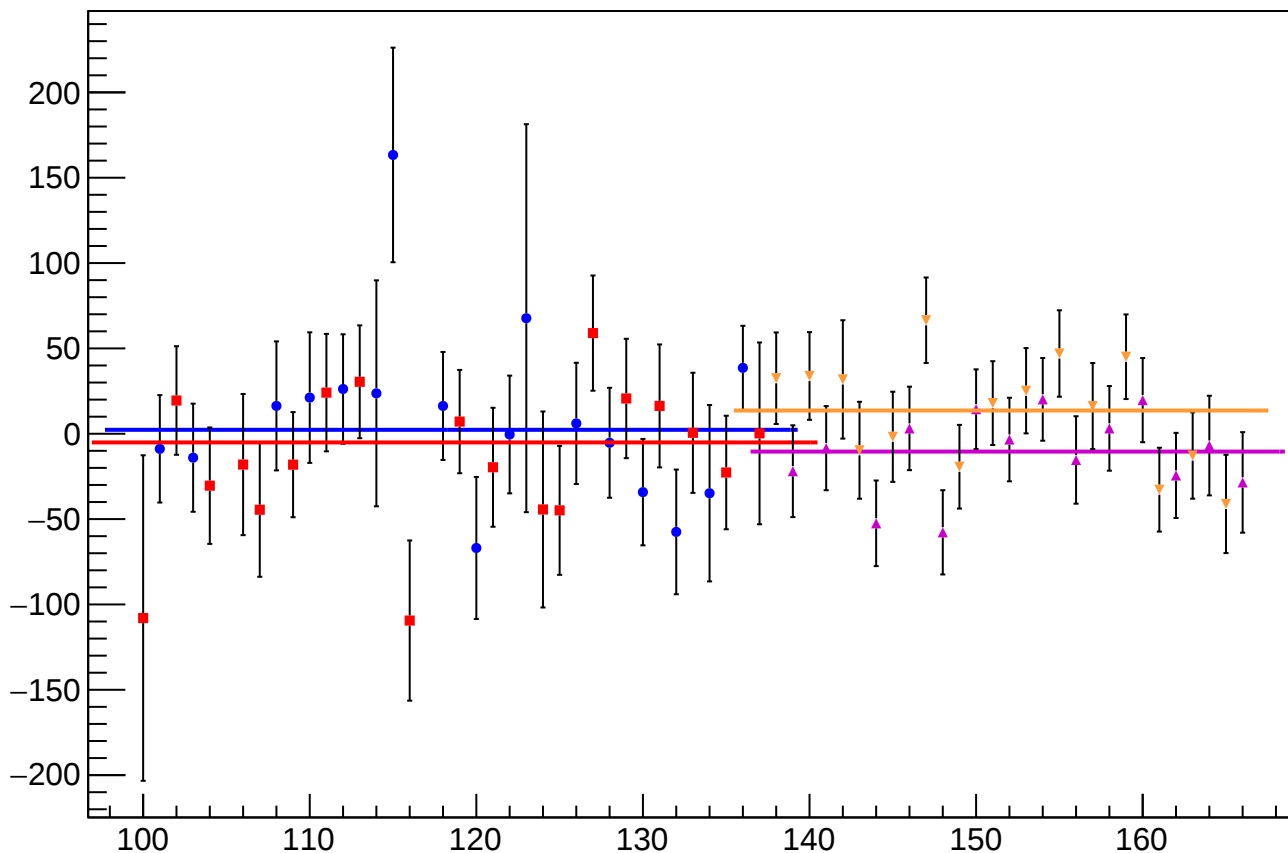
Left In: 179.300 $\pm$ 0.041 χ^2 /NDF: 1450803.6/13

+ sign 212.669 $\pm$ 0.037 χ^2 /NDF: 2072796.1/31

All: 192.303 $\pm$ 0.024 χ^2 /NDF: 5552085.0/64

- sign 177.575 $\pm$ 0.032 χ^2 /NDF: 2966345.1/32

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 2.307 ± 8.805 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 13.614 ± 6.723 $\chi^2/\text{NDF}: 20.6/14$

Right Out: -5.089 ± 8.479 $\chi^2/\text{NDF}: 17.1/18$

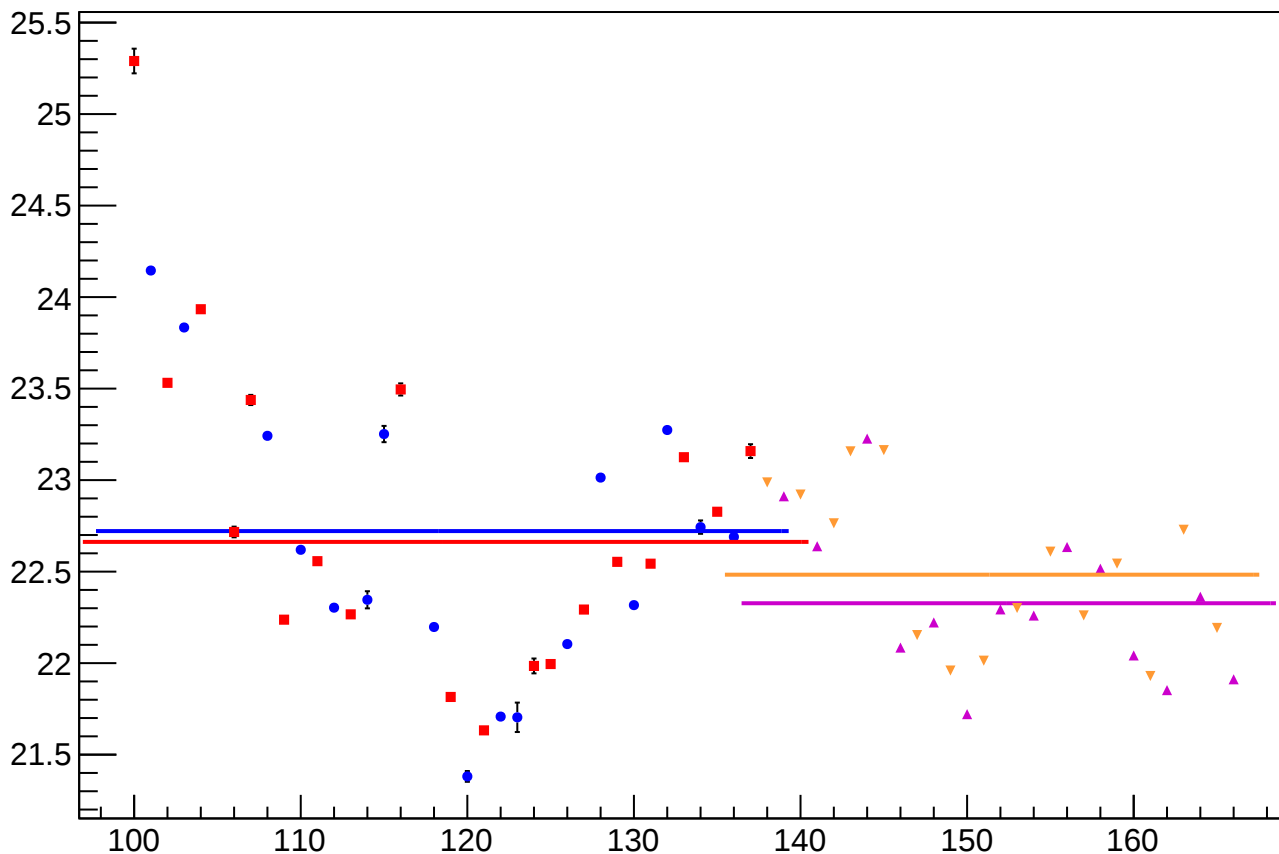
Left In: -10.443 ± 6.762 $\chi^2/\text{NDF}: 12.3/13$

+ sign 9.449 ± 5.344 $\chi^2/\text{NDF}: 39.7/31$

All: 0.448 ± 3.758 $\chi^2/\text{NDF}: 75.0/64$

- sign -8.362 ± 5.287 $\chi^2/\text{NDF}: 29.7/32$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.722 $\pm$ 0.006 χ^2 /NDF: 13580.6/16

Left Out: 22.483 $\pm$ 0.005 χ^2 /NDF: 7598.9/14

Right Out: 22.662 $\pm$ 0.006 χ^2 /NDF: 12955.6/18

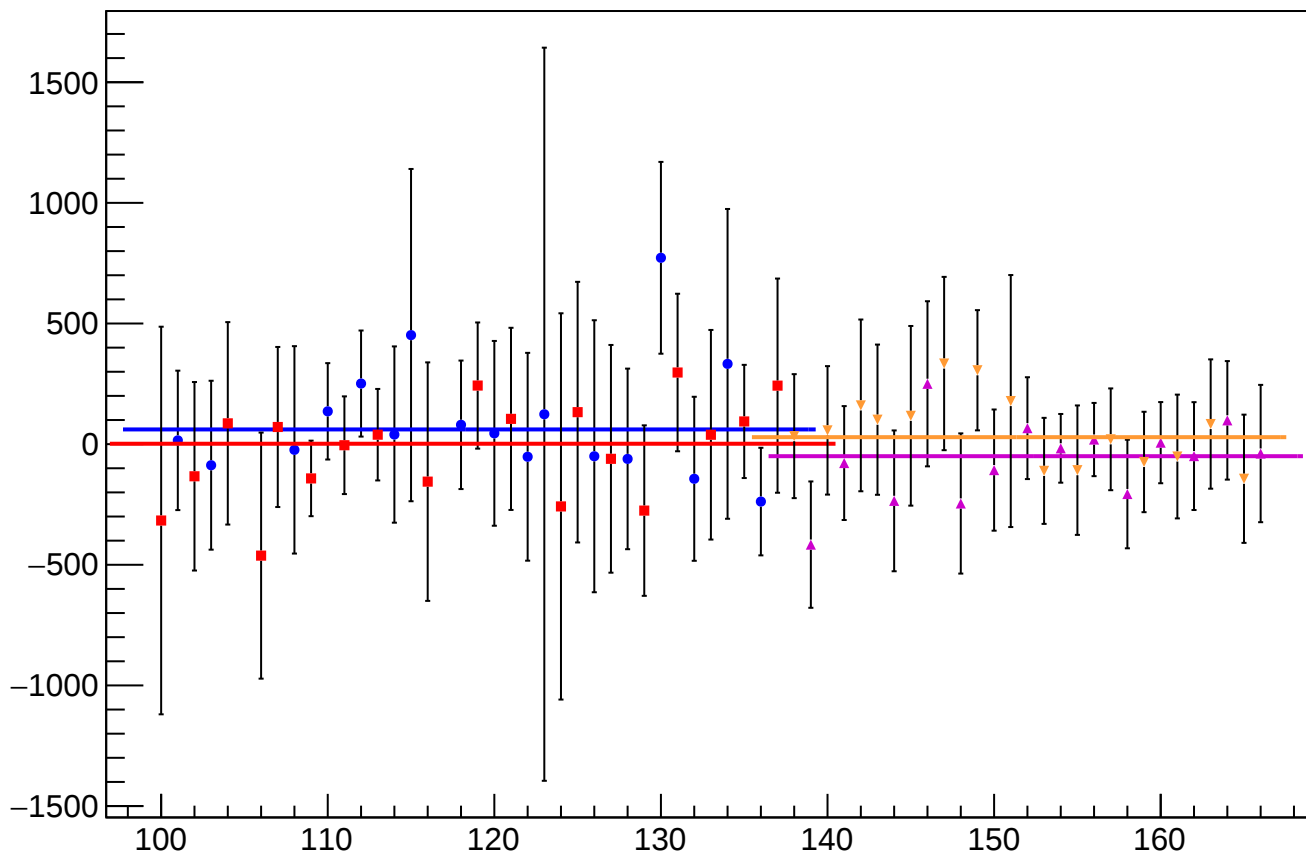
Left In: 22.327 $\pm$ 0.005 χ^2 /NDF: 7232.4/13

+ sign 22.571 $\pm$ 0.004 χ^2 /NDF: 22104.3/31

All: 22.514 $\pm$ 0.003 χ^2 /NDF: 44659.0/64

- sign 22.458 $\pm$ 0.004 χ^2 /NDF: 22098.7/32

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 60.960 $\pm$ 80.197 χ^2 /NDF: 7.2/16

Left Out: 28.911 $\pm$ 69.725 χ^2 /NDF: 3.8/14

Right Out: 1.647 $\pm$ 70.549 χ^2 /NDF: 5.2/18

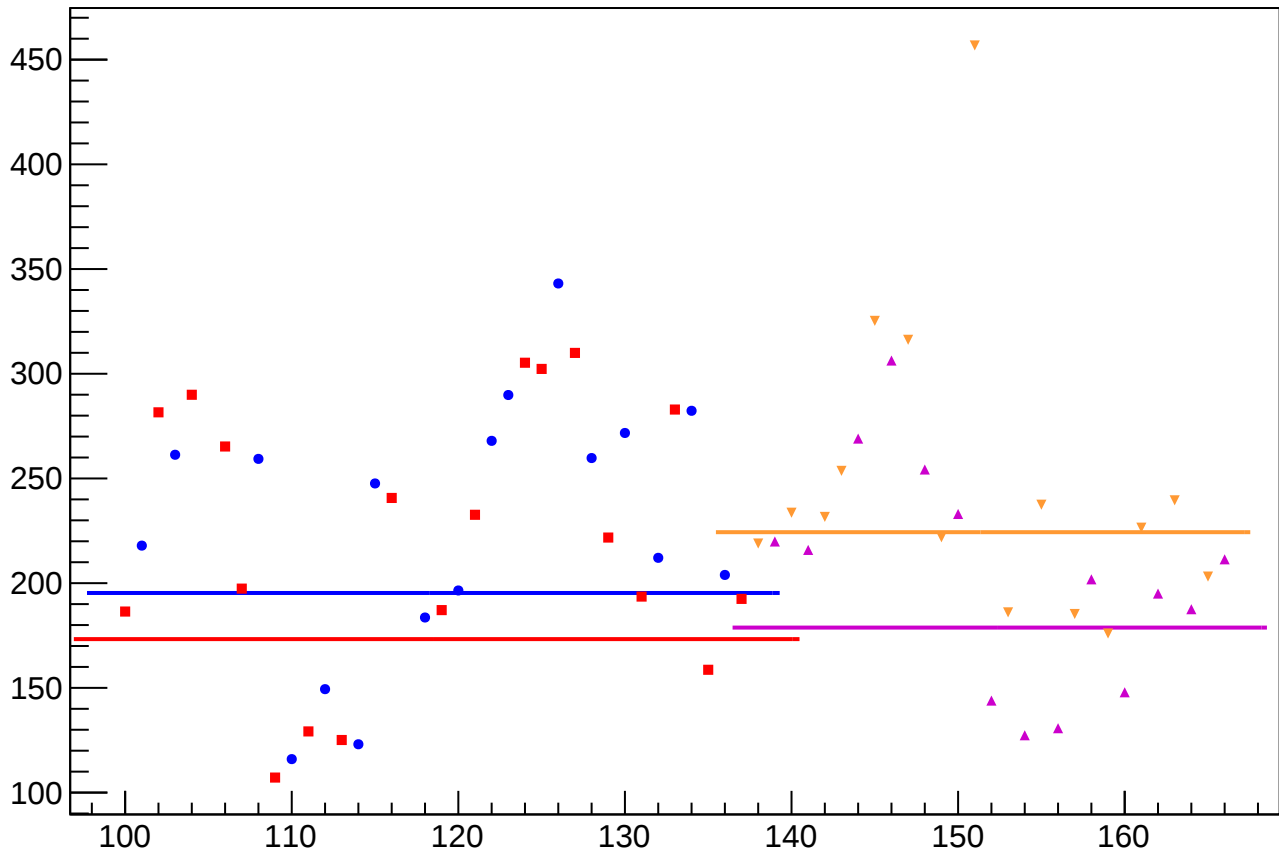
Left In: -49.925 $\pm$ 57.756 χ^2 /NDF: 5.2/13

+ sign 42.708 $\pm$ 52.619 χ^2 /NDF: 11.1/31

All: 0.916 $\pm$ 34.063 χ^2 /NDF: 22.8/64

- sign -29.231 $\pm$ 44.690 χ^2 /NDF: 10.7/32

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.316 $\pm$ 0.057 χ^2 /NDF: 1004211.5/16

Left Out: 224.347 $\pm$ 0.049 χ^2 /NDF:957623.3/14

Right Out: 173.285 $\pm$ 0.050 χ^2 /NDF: 1578382.8/18

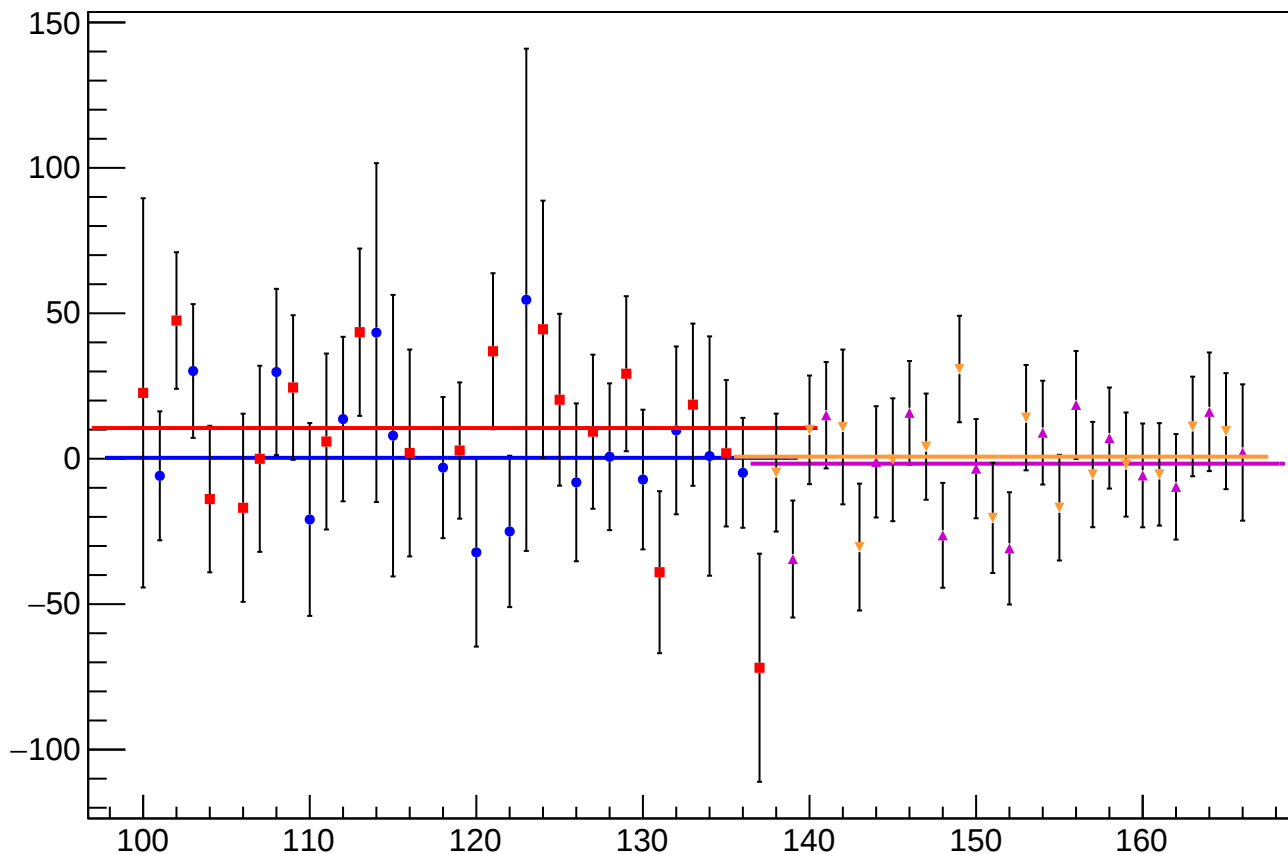
Left In: 178.788 $\pm$ 0.041 χ^2 /NDF:1439973.9/13

+ sign 211.849 $\pm$ 0.037 χ^2 /NDF: 2111096.8/31

All: 191.360 $\pm$ 0.024 χ^2 /NDF: 5658742.6/64

- sign 176.580 $\pm$ 0.032 χ^2 /NDF: 3025643.4/32

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.305 ± 6.812 χ^2/NDF : 6.8/16

Left Out: 0.706 ± 4.925 χ^2/NDF : 8.8/14

Right Out: 10.553 ± 6.628 χ^2/NDF : 16.0/18

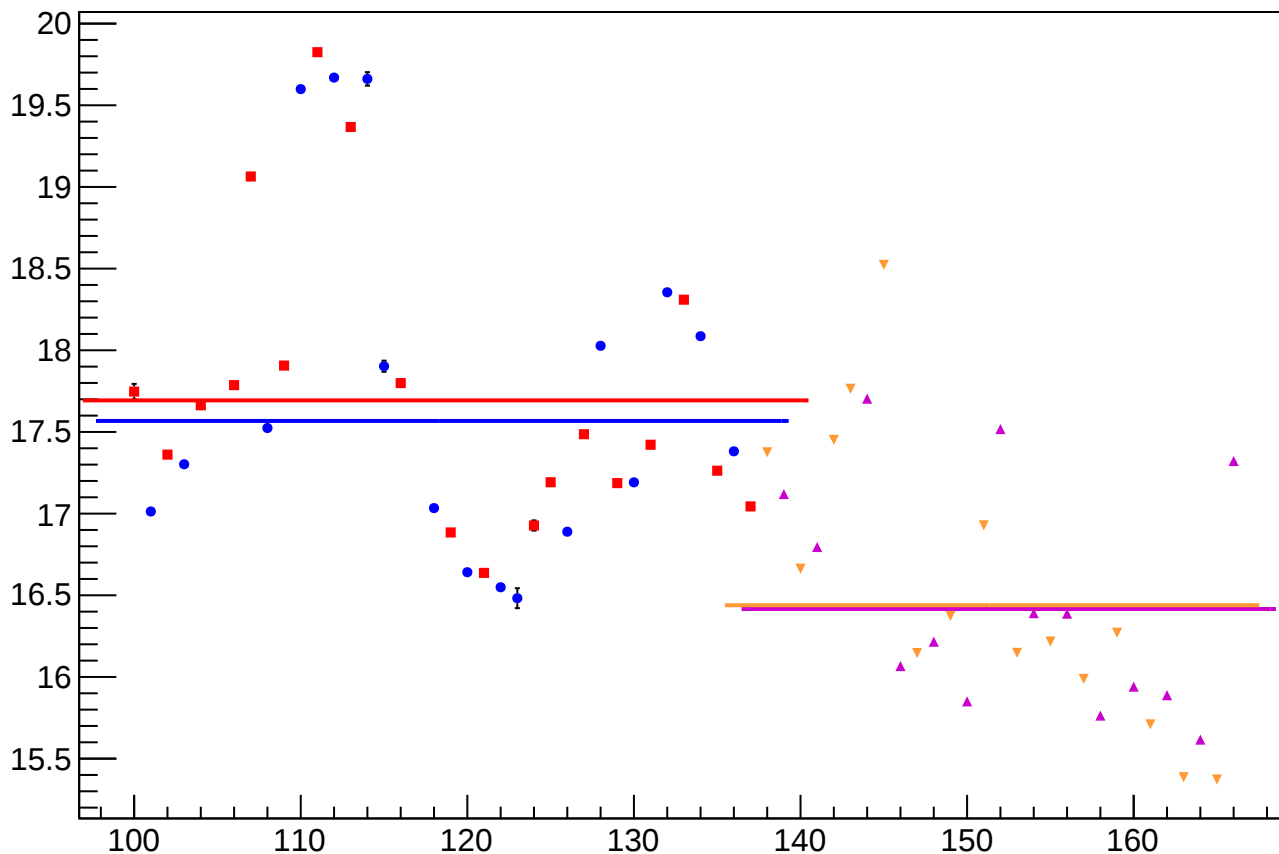
Left In: -1.700 ± 4.981 χ^2/NDF : 11.4/13

+ sign 0.569 ± 3.991 χ^2/NDF : 15.6/31

All: 1.648 ± 2.819 χ^2/NDF : 45.4/64

- sign 2.723 ± 3.982 χ^2/NDF : 29.7/32

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.567 $\pm$ 0.005 χ^2 /NDF: 33145.0/16

Left Out: 16.439 $\pm$ 0.003 χ^2 /NDF: 55098.7/14

Right Out: 17.693 $\pm$ 0.005 χ^2 /NDF: 30767.1/18

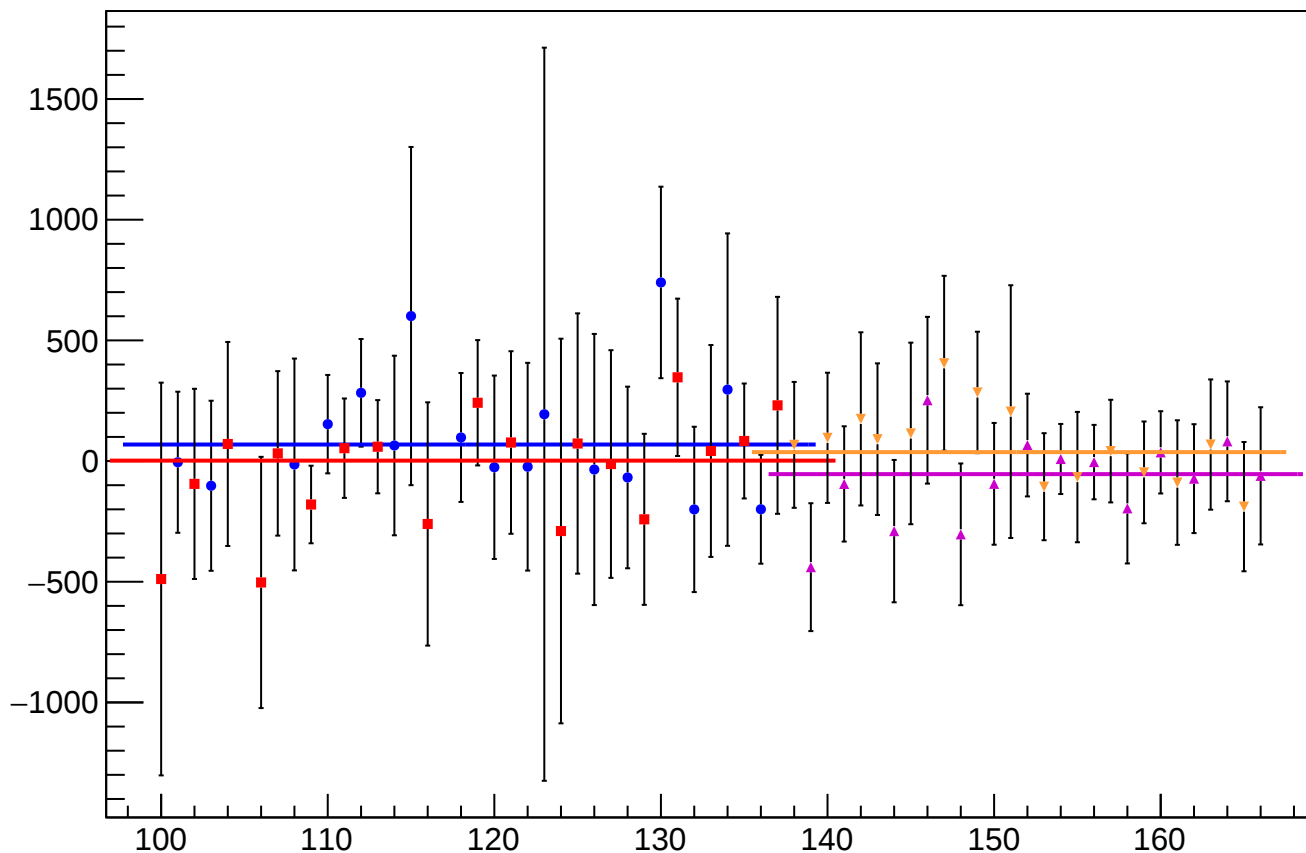
Left In: 16.416 $\pm$ 0.004 χ^2 /NDF: 34108.3/13

+ sign 16.826 $\pm$ 0.003 χ^2 /NDF: 124267.7/31

All: 16.852 $\pm$ 0.002 χ^2 /NDF: 236758.5/64

- sign 16.877 $\pm$ 0.003 χ^2 /NDF: 112329.9/32

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 68.553 $\pm$ 81.018 χ^2 /NDF: 7.3/16

Left Out: 37.075 $\pm$ 70.385 χ^2 /NDF: 4.1/14

Right Out: 1.831 $\pm$ 71.538 χ^2 /NDF: 6.1/18

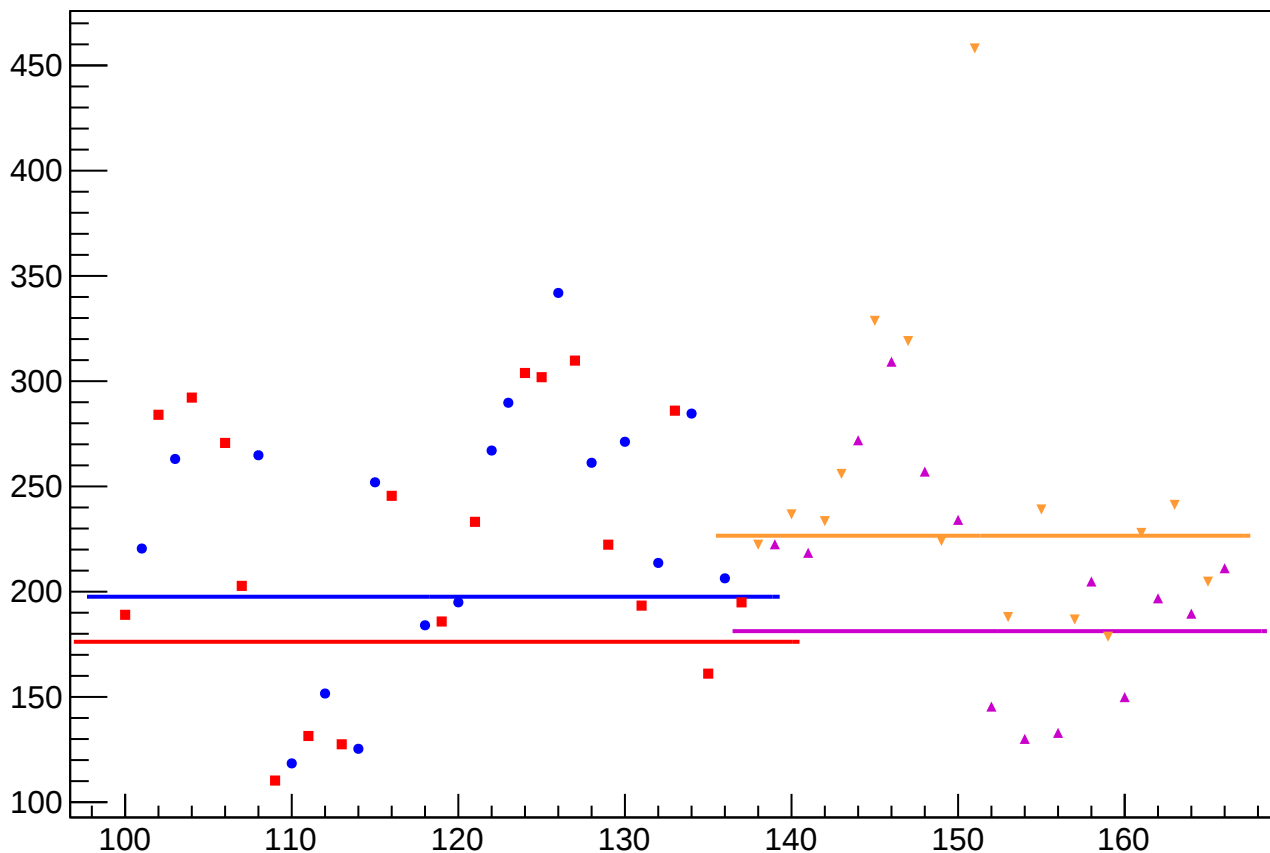
Left In: -54.139 $\pm$ 58.478 χ^2 /NDF: 5.9/13

+ sign 50.614 $\pm$ 53.134 χ^2 /NDF: 11.5/31

All: 2.914 $\pm$ 34.462 χ^2 /NDF: 25.3/64

- sign -31.720 $\pm$ 45.276 χ^2 /NDF: 12.4/32

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.603 $\pm$ 0.057 χ^2 /NDF: 968827.8/16

Left Out: 226.590 $\pm$ 0.050 χ^2 /NDF: 948013.6/14

Right Out: 176.201 $\pm$ 0.051 χ^2 /NDF: 1519832.7/18

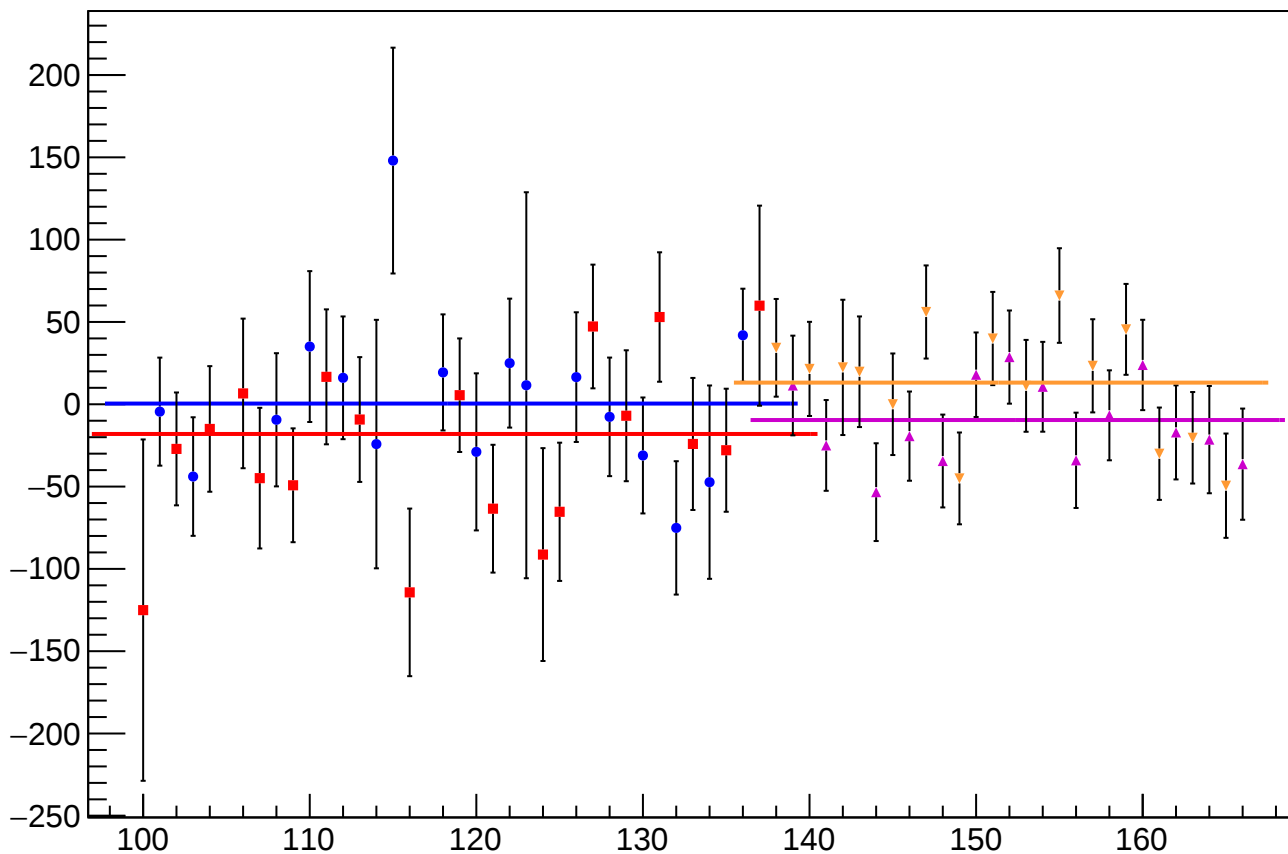
Left In: 181.253 $\pm$ 0.041 χ^2 /NDF: 1406441.0/13

+ sign 214.123 $\pm$ 0.038 χ^2 /NDF: 2062740.0/31

All: 193.908 $\pm$ 0.024 χ^2 /NDF: 5494673.9/64

- sign 179.230 $\pm$ 0.032 χ^2 /NDF: 2932253.0/32

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 0.427 ± 9.884 χ^2/NDF : 15.5/16

Left Out: 13.152 ± 7.605 χ^2/NDF : 21.0/14

Right Out: -18.044 ± 9.499 χ^2/NDF : 19.5/18

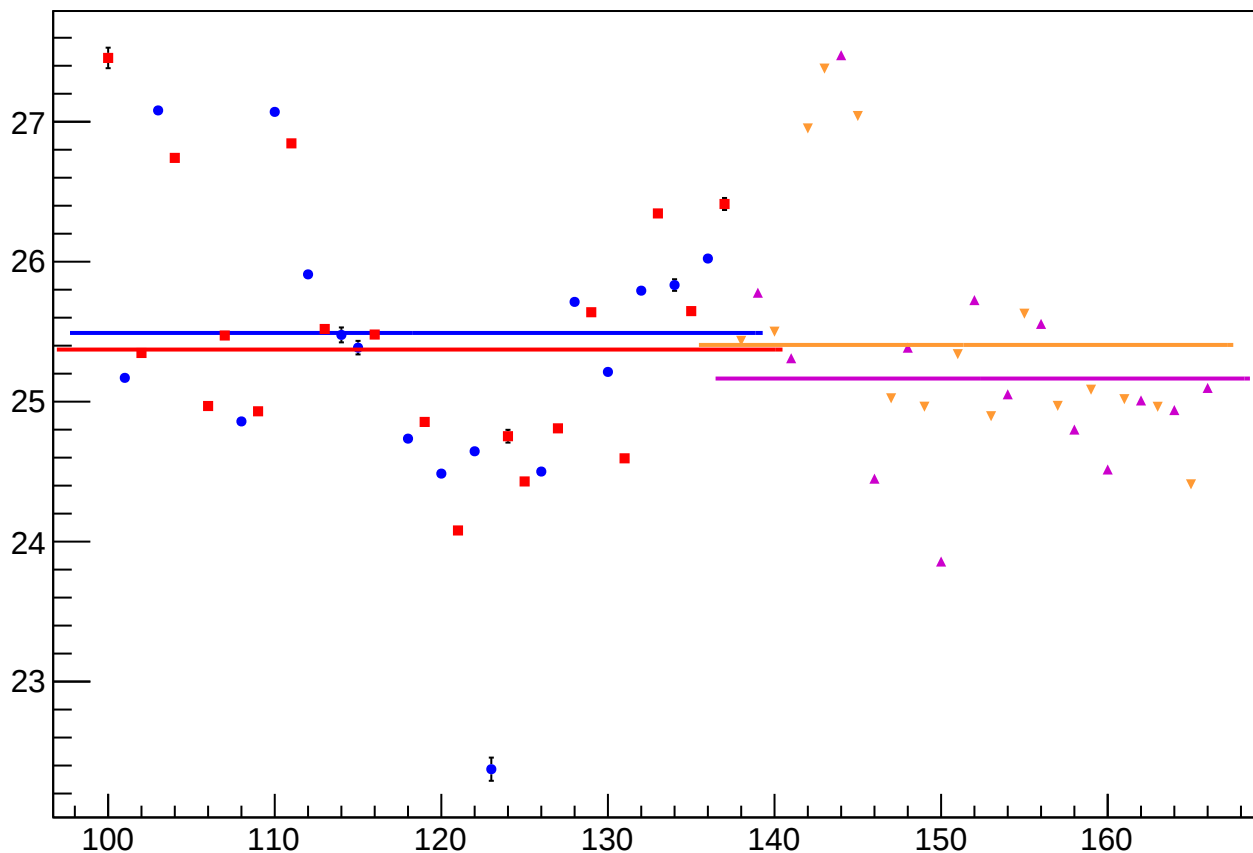
Left In: -9.571 ± 7.631 χ^2/NDF : 10.4/13

+ sign 8.420 ± 6.028 χ^2/NDF : 37.5/31

All: -2.377 ± 4.234 χ^2/NDF : 74.3/64

- sign -12.894 ± 5.949 χ^2/NDF : 30.4/32

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.491 $\pm$ 0.007 χ^2 /NDF: 13713.0/16

Left Out: 25.405 $\pm$ 0.005 χ^2 /NDF: 20656.4/14

Right Out: 25.372 $\pm$ 0.007 χ^2 /NDF: 13550.5/18

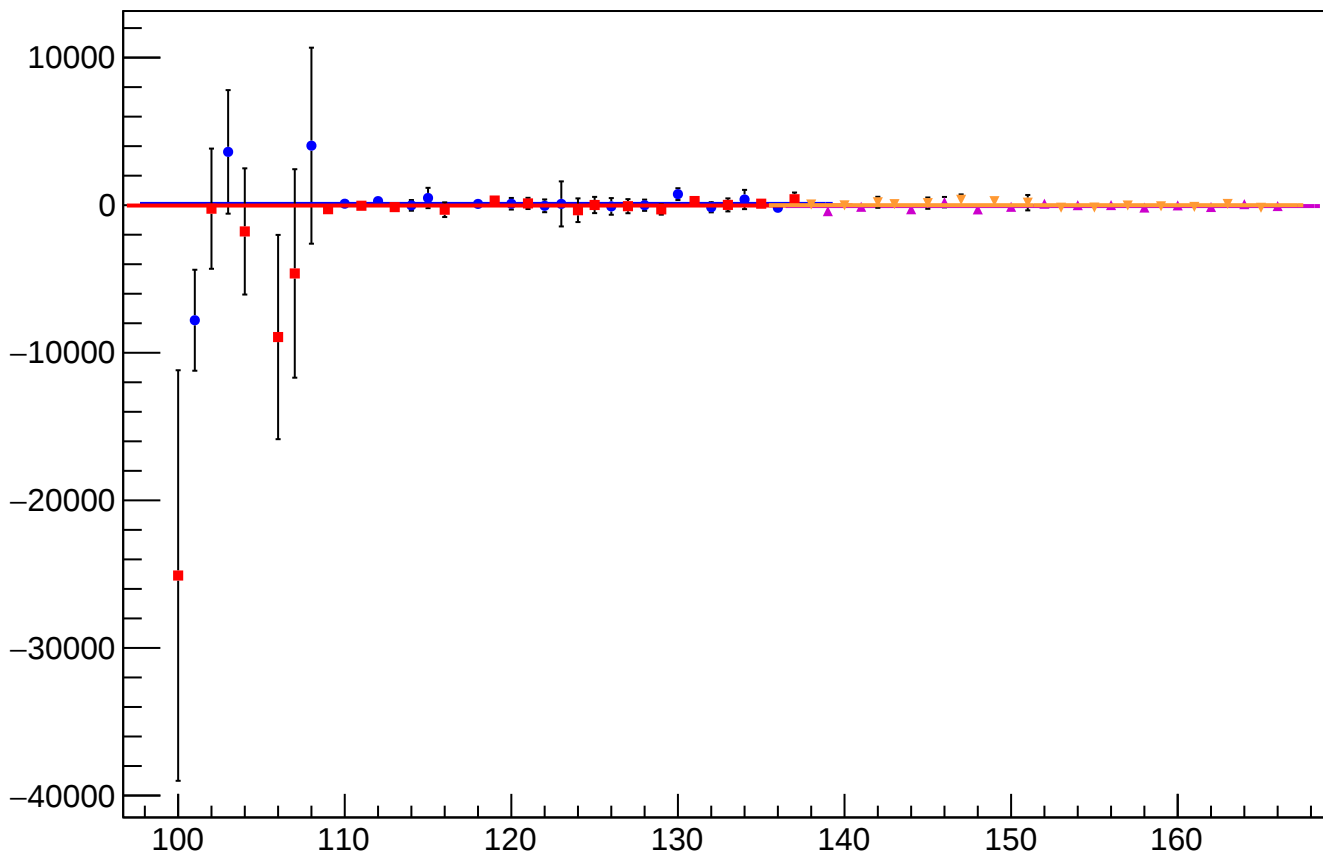
Left In: 25.165 $\pm$ 0.005 χ^2 /NDF: 22509.6/13

+ sign 25.437 $\pm$ 0.004 χ^2 /NDF: 34463.7/31

All: 25.340 $\pm$ 0.003 χ^2 /NDF: 72116.1/64

- sign 25.246 $\pm$ 0.004 χ^2 /NDF: 36637.7/32

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 86.558 $\pm$ 88.423 χ^2 /NDF: 12.5/16

Left Out: 0.470 $\pm$ 71.092 χ^2 /NDF: 4.5/14

Right Out: -23.352 $\pm$ 80.948 χ^2 /NDF: 11.9/18

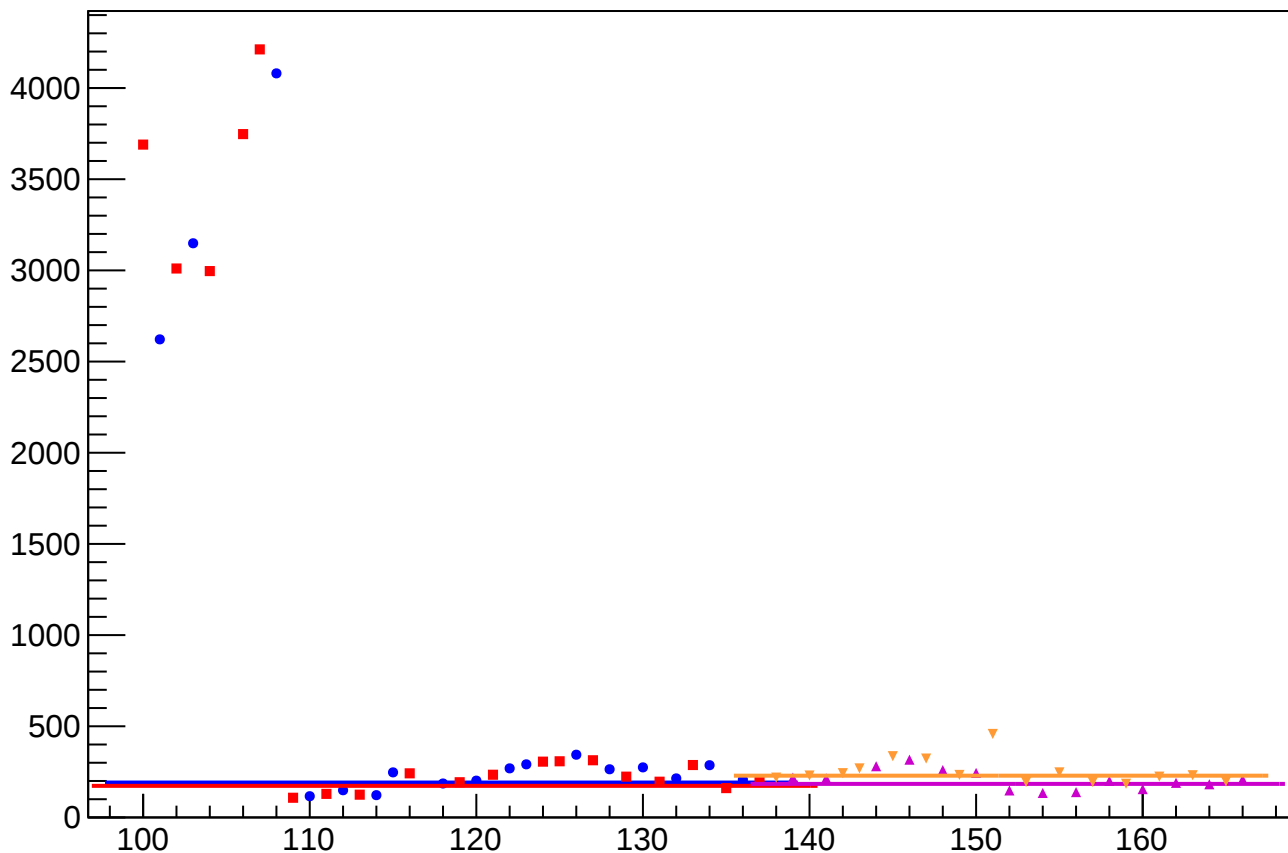
Left In: -59.770 $\pm$ 59.188 χ^2 /NDF: 5.0/13

+ sign 34.269 $\pm$ 55.405 χ^2 /NDF: 17.5/31

All: -12.387 $\pm$ 36.183 χ^2 /NDF: 35.8/64

- sign -47.083 $\pm$ 47.778 χ^2 /NDF: 17.1/32

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 191.478+/-0.063 χ^2/NDF : 3573154.3/16

Left Out: 229.120+/-0.050 χ^2/NDF : 927247.0/14

Right Out: 173.297+/-0.057 χ^2/NDF : 4207424.0/18

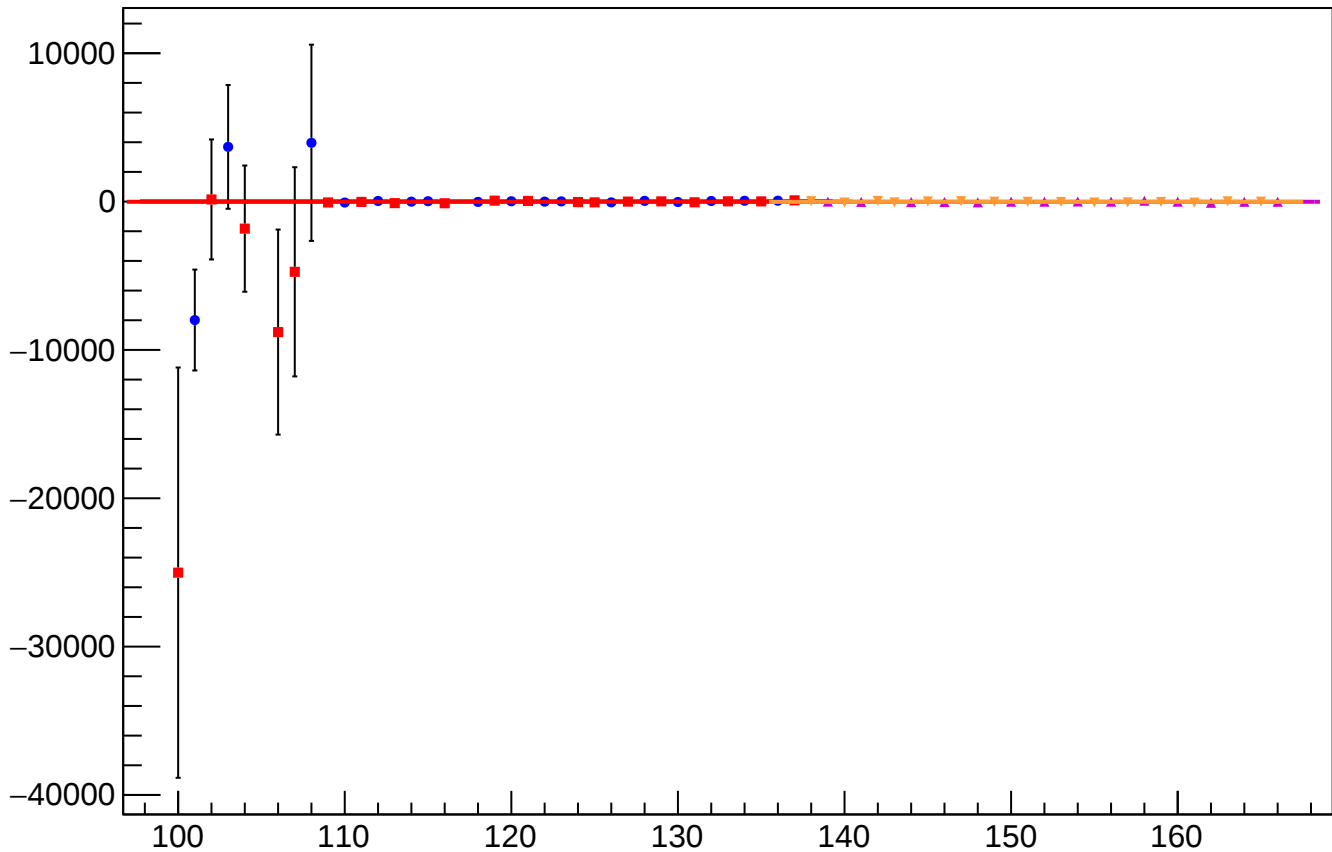
Left In: 184.024+/-0.042 χ^2/NDF : 1299683.8/13

+ sign 214.341+/-0.039 χ^2/NDF : 4720540.1/31

All: 194.811+/-0.026 χ^2/NDF : 10683849.0/64

- sign 180.287+/-0.034 χ^2/NDF : 5529991.4/32

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: 10.286 $\pm$ 12.282 χ^2/NDF : 18.4/16

Left Out: -19.651 $\pm$ 8.777 χ^2/NDF : 15.9/14

Right Out: -12.668 $\pm$ 12.232 χ^2/NDF : 24.8/18

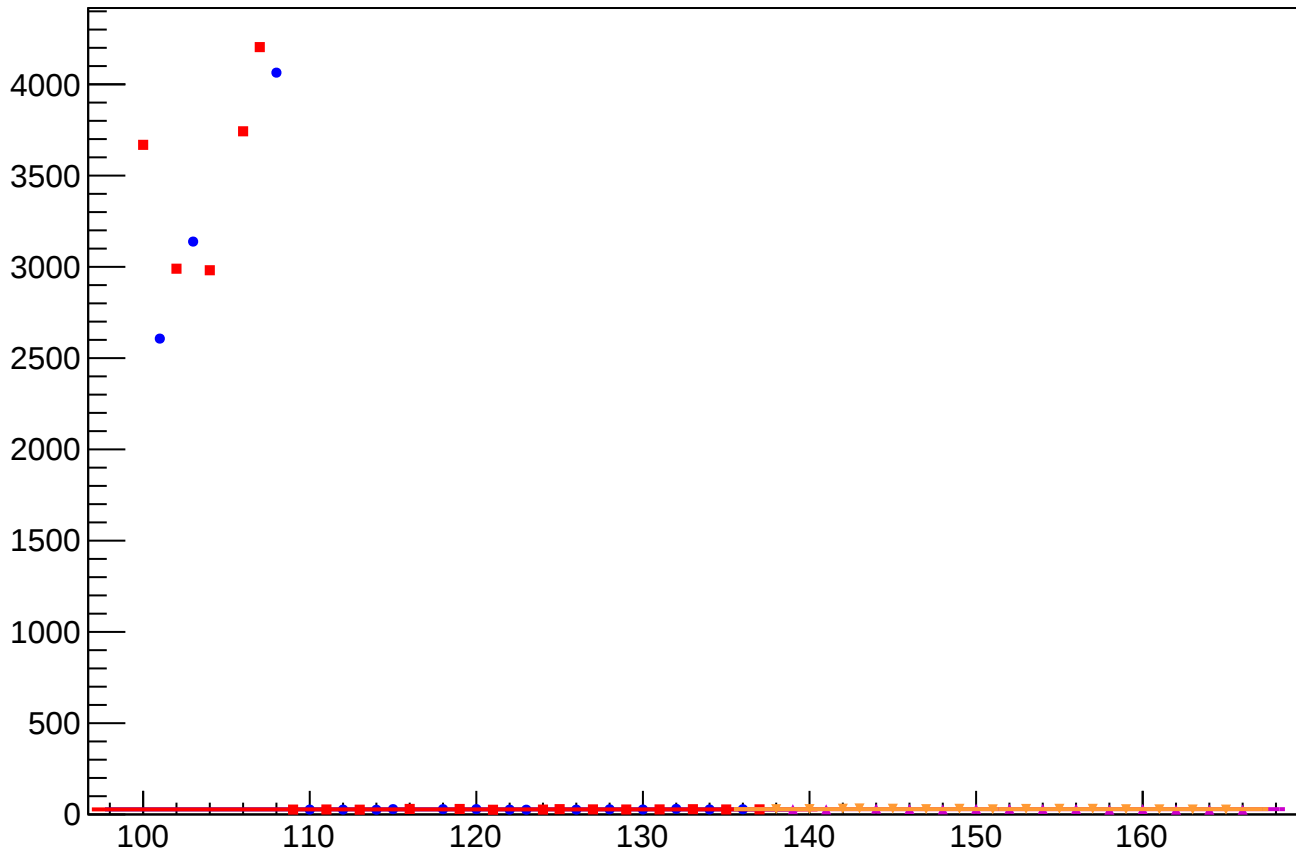
Left In: -13.293 $\pm$ 8.823 χ^2/NDF : 13.7/13

+ sign -9.531 $\pm$ 7.141 χ^2/NDF : 38.2/31

All: -11.302 $\pm$ 5.055 χ^2/NDF : 76.9/64

- sign -13.079 $\pm$ 7.156 χ^2/NDF : 38.6/32

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.855 $\pm$ 0.009 χ^2 /NDF: 3027666.8/16

Left Out: 29.263 $\pm$ 0.006 χ^2 /NDF: 72871.6/14

Right Out: 27.695 $\pm$ 0.009 χ^2 /NDF: 3476852.9/18

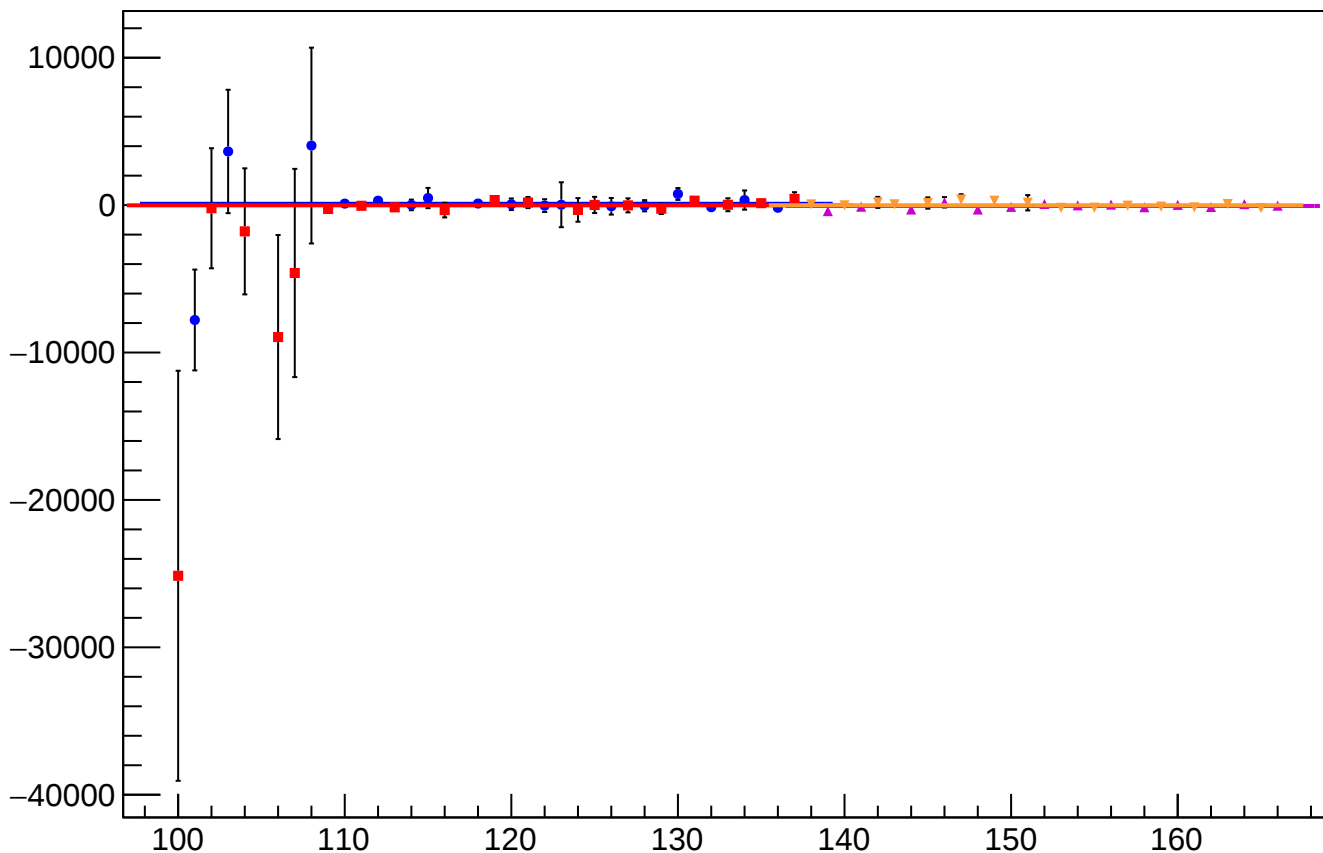
Left In: 29.012 $\pm$ 0.006 χ^2 /NDF: 105989.4/13

+ sign 28.787 $\pm$ 0.005 χ^2 /NDF: 3117942.7/31

All: 28.674 $\pm$ 0.004 χ^2 /NDF: 6717035.0/64

- sign 28.561 $\pm$ 0.005 χ^2 /NDF: 3598094.7/32

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 90.773+/-88.149 χ^2/NDF : 12.8/16

Left Out: -8.376+/-70.937 χ^2/NDF : 5.2/14

Right Out: -13.341+/-80.686 χ^2/NDF : 12.7/18

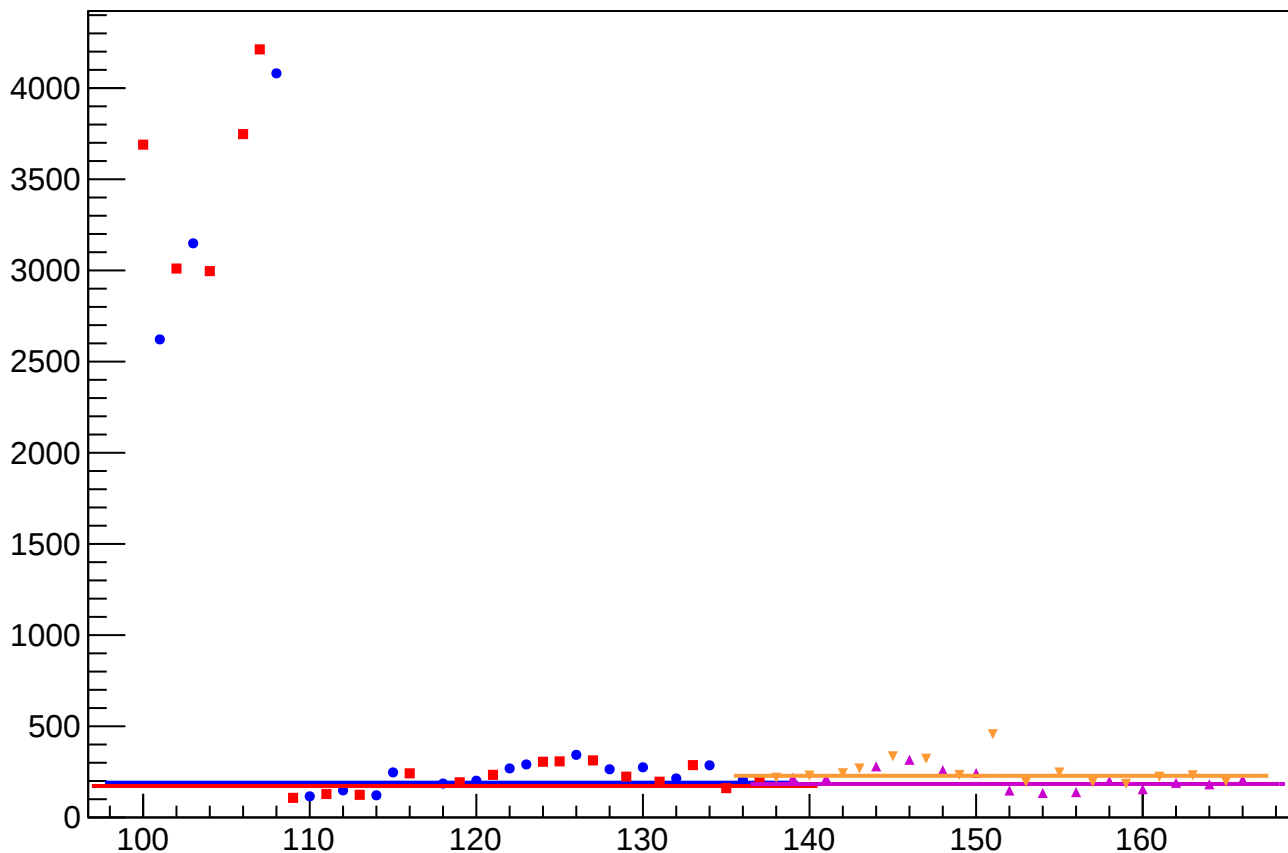
Left In: -57.075+/-59.070 χ^2/NDF : 5.2/13

+ sign 30.596+/-55.265 χ^2/NDF : 18.7/31

All: -10.928+/-36.093 χ^2/NDF : 37.8/64

- sign -41.815+/-47.663 χ^2/NDF : 18.1/32

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 190.770 $\pm$ 0.062 χ^2 /NDF: 3585034.0/16

Left Out: 228.627 $\pm$ 0.050 χ^2 /NDF: 927020.6/14

Right Out: 172.629 $\pm$ 0.057 χ^2 /NDF: 4218625.1/18

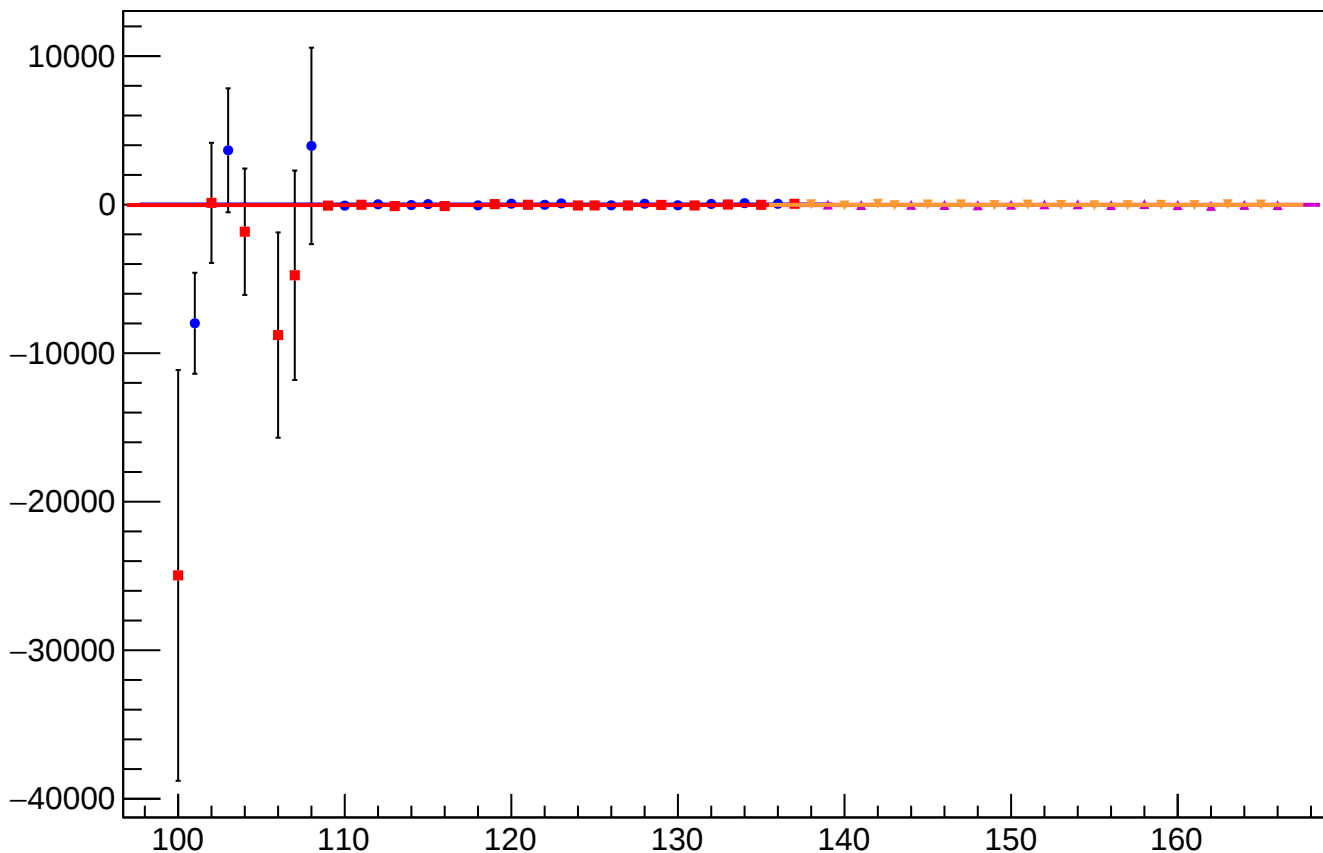
Left In: 183.661 $\pm$ 0.042 χ^2 /NDF: 1299533.0/13

+ sign 213.747 $\pm$ 0.039 χ^2 /NDF: 4735948.5/31

All: 194.286 $\pm$ 0.026 χ^2 /NDF: 10710888.5/64

- sign 179.812 $\pm$ 0.034 χ^2 /NDF: 5542500.4/32

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: 8.600 $\pm$ 12.368 χ^2/NDF : 23.2/16

Left Out: -13.677 $\pm$ 8.852 χ^2/NDF : 11.1/14

Right Out: -29.397 $\pm$ 12.333 χ^2/NDF : 16.8/18

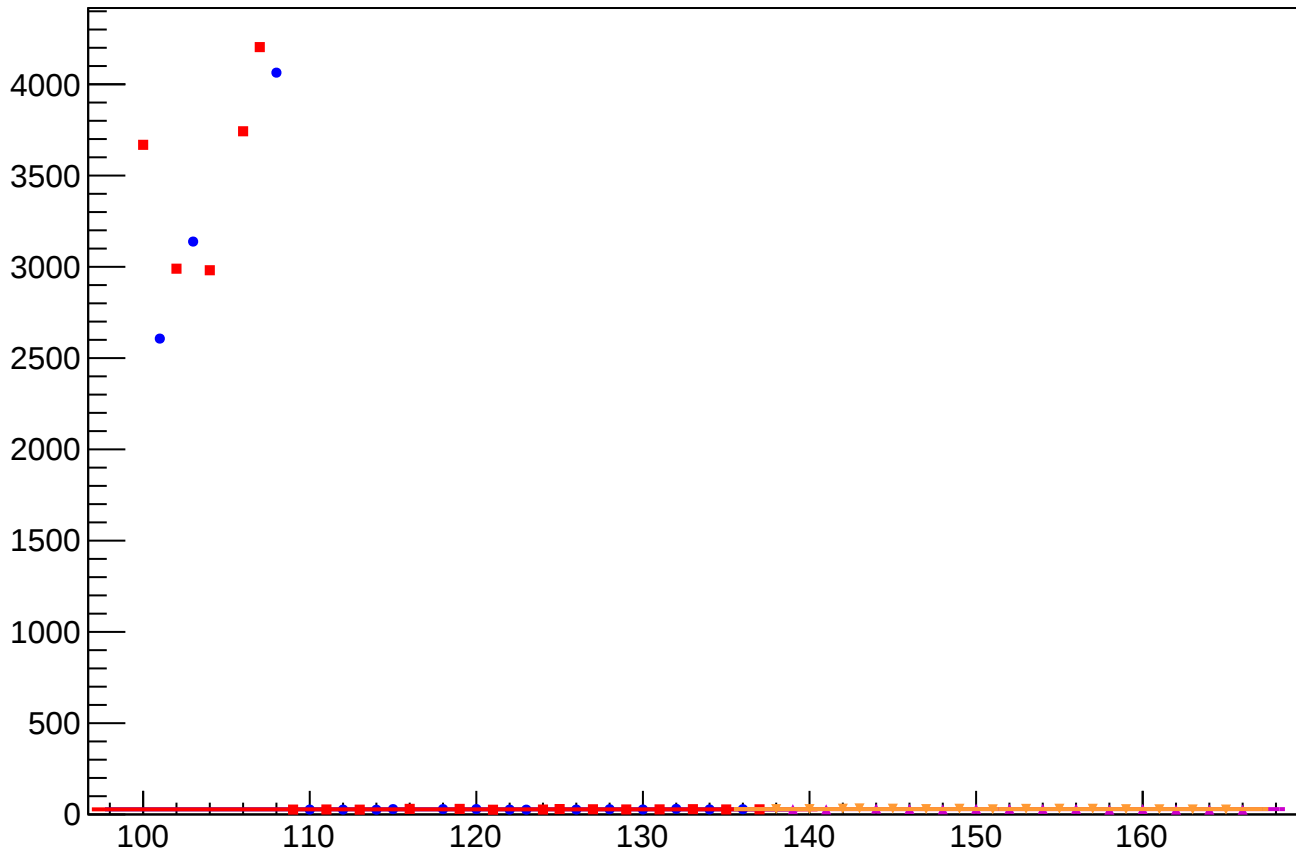
Left In: -12.424 $\pm$ 8.881 χ^2/NDF : 12.8/13

+ sign -6.130 $\pm$ 7.198 χ^2/NDF : 36.4/31

All: -12.168 $\pm$ 5.093 χ^2/NDF : 68.7/64

- sign -18.220 $\pm$ 7.207 χ^2/NDF : 30.9/32

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 28.044 $\pm$ 0.009 χ^2 /NDF: 3027898.7/16

Left Out: 29.512 $\pm$ 0.006 χ^2 /NDF: 72886.2/14

Right Out: 27.918 $\pm$ 0.009 χ^2 /NDF: 3479690.8/18

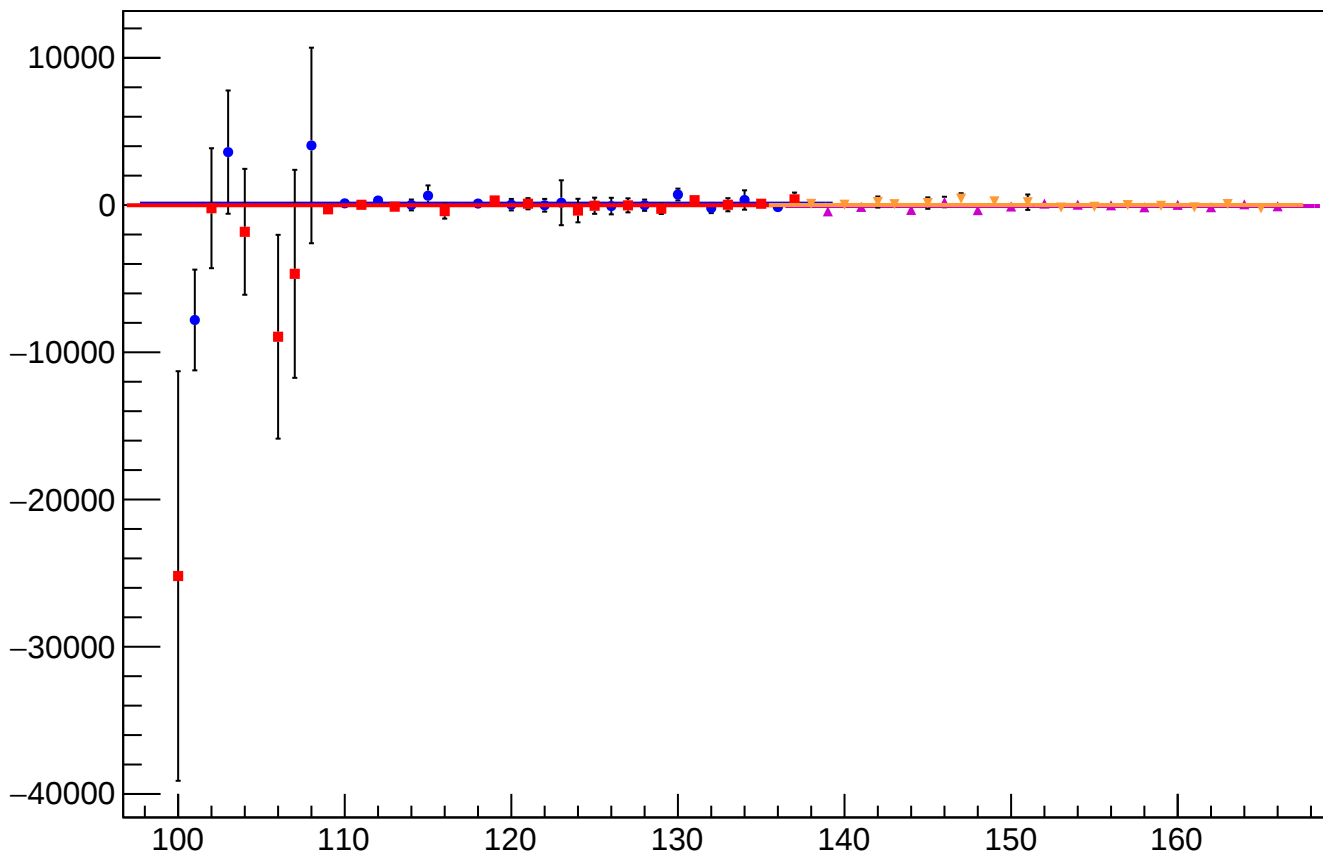
Left In: 29.207 $\pm$ 0.006 χ^2 /NDF: 105760.9/13

+ sign 29.015 $\pm$ 0.005 χ^2 /NDF: 3119421.9/31

All: 28.891 $\pm$ 0.004 χ^2 /NDF: 6720446.7/64

- sign 28.767 $\pm$ 0.005 χ^2 /NDF: 3599839.8/32

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 98.142 $\pm$ 89.203 χ^2 /NDF: 12.5/16

Left Out: 7.775 $\pm$ 71.751 χ^2 /NDF: 4.9/14

Right Out: -11.728 $\pm$ 81.772 χ^2 /NDF: 12.3/18

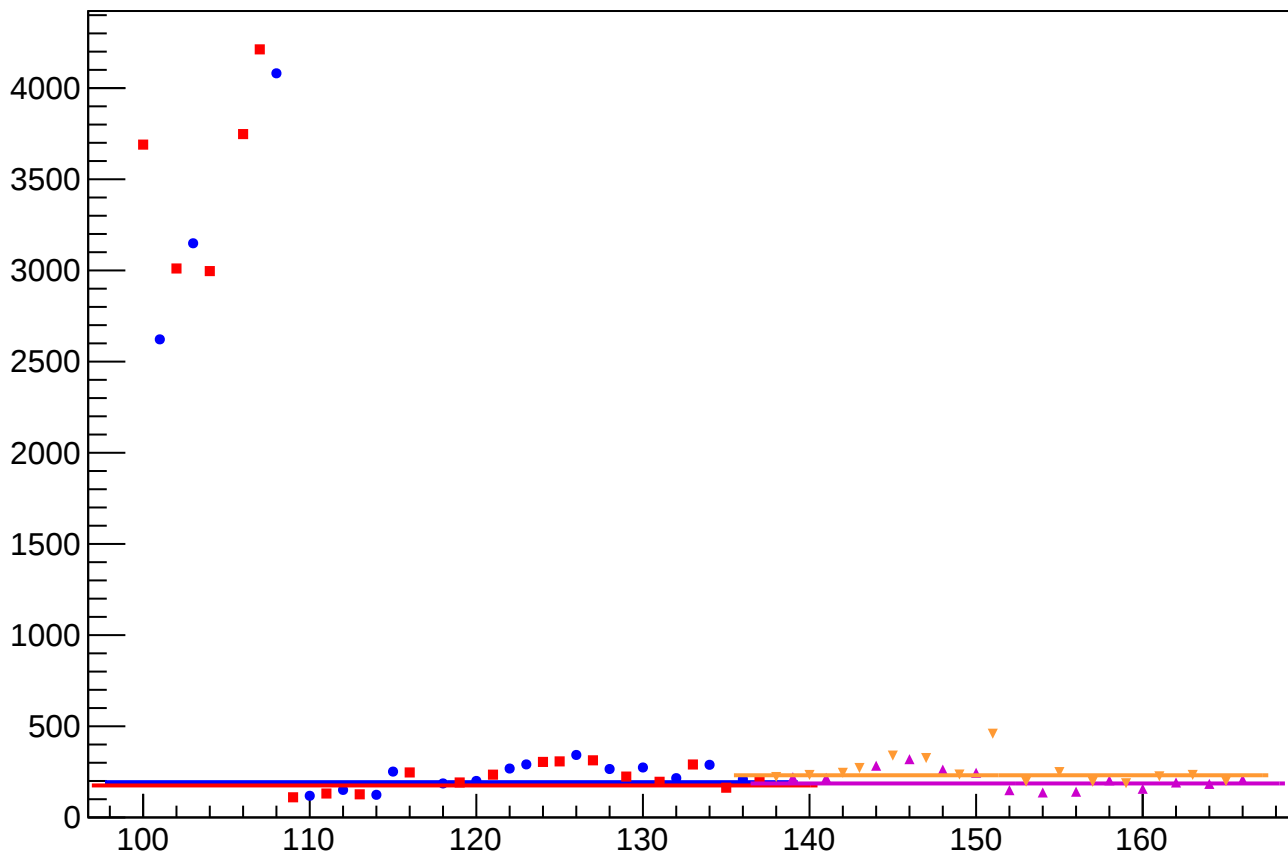
Left In: -64.546 $\pm$ 59.902 χ^2 /NDF: 5.9/13

+ sign 43.274 $\pm$ 55.909 χ^2 /NDF: 18.1/31

All: -7.884 $\pm$ 36.560 χ^2 /NDF: 38.0/64

- sign -46.101 $\pm$ 48.323 χ^2 /NDF: 18.4/32

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 193.516+/-0.063 χ^2/NDF : 3536947.8/16

Left Out: 231.359+/-0.051 χ^2/NDF : 918458.3/14

Right Out: 175.509+/-0.058 χ^2/NDF : 4165575.9/18

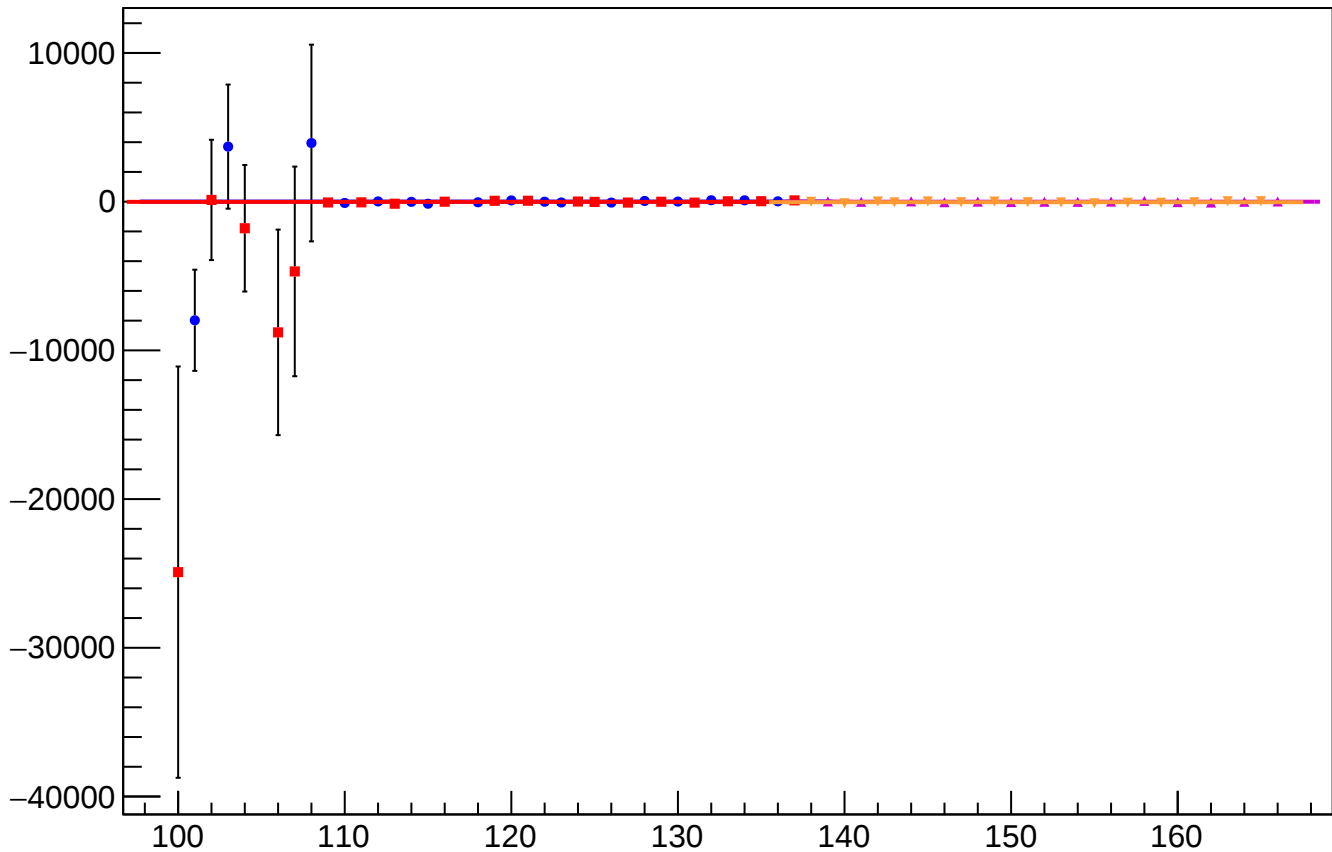
Left In: 186.452+/-0.042 χ^2/NDF : 1271034.1/13

+ sign 216.493+/-0.040 χ^2/NDF : 4673957.7/31

All: 197.111+/-0.026 χ^2/NDF : 10553829.3/64

- sign 182.631+/-0.034 χ^2/NDF : 5459919.1/32

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: 5.565 $\pm$ 15.052 χ^2 /NDF: 20.4/16

Left Out: -34.740 $\pm$ 10.451 χ^2 /NDF: 17.9/14

Right Out: -12.158 $\pm$ 14.952 χ^2 /NDF: 21.9/18

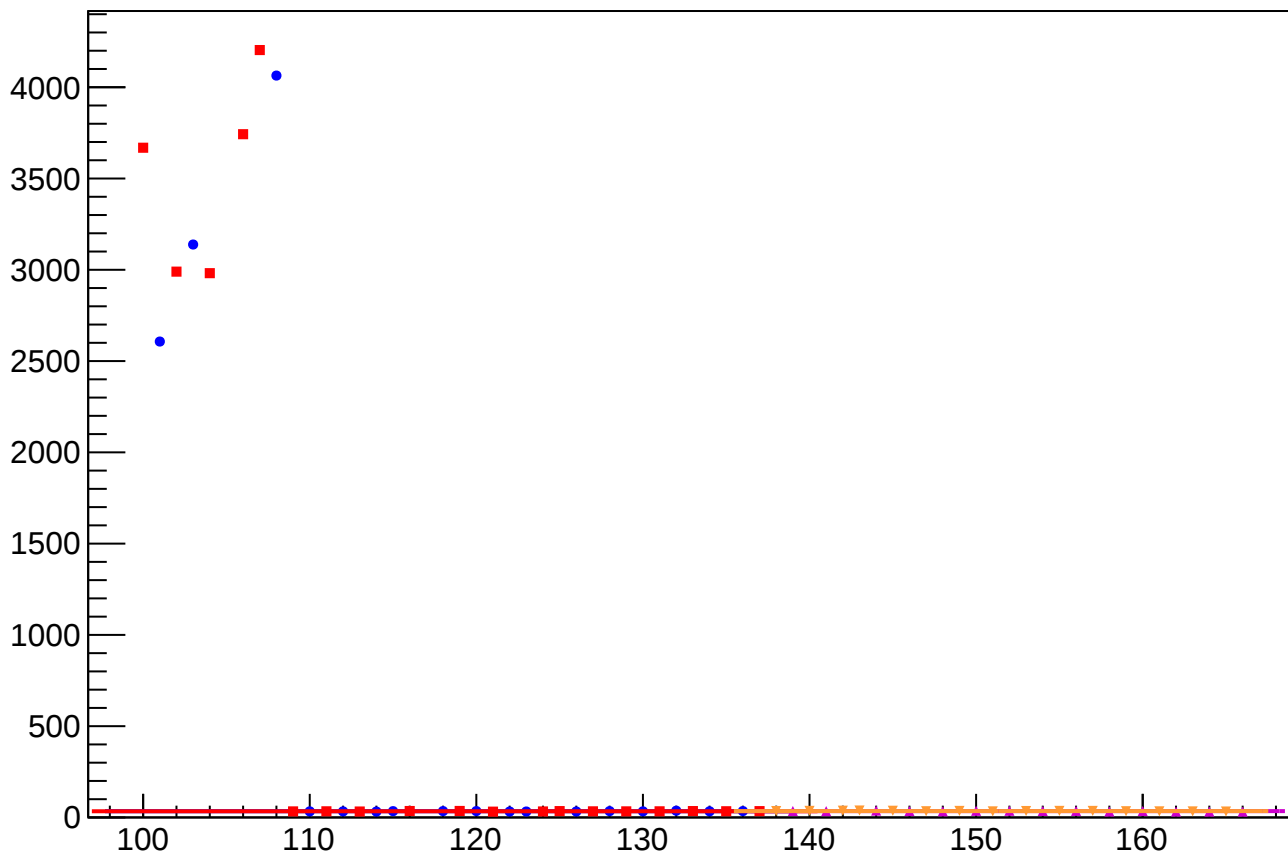
Left In: -2.627 $\pm$ 10.533 χ^2 /NDF: 7.1/13

+ sign -21.629 $\pm$ 8.585 χ^2 /NDF: 43.2/31

All: -13.733 $\pm$ 6.080 χ^2 /NDF: 74.3/64

- sign -5.789 $\pm$ 8.611 χ^2 /NDF: 29.4/32

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 34.168 $\pm$ 0.011 χ^2 /NDF: 3006512.8/16

Left Out: 34.896 $\pm$ 0.007 χ^2 /NDF: 39460.7/14

Right Out: 33.913 $\pm$ 0.011 χ^2 /NDF: 3451912.6/18

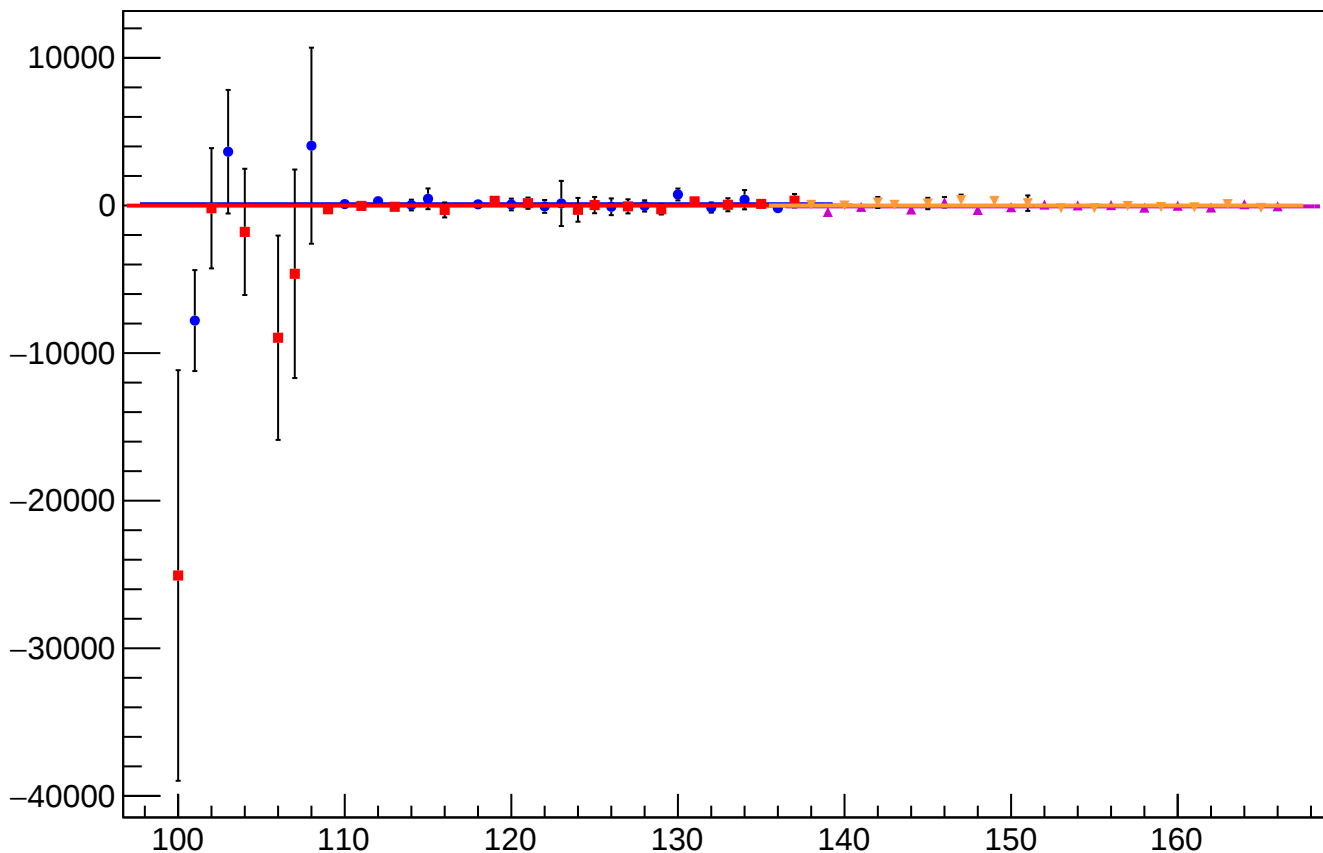
Left In: 34.708 $\pm$ 0.007 χ^2 /NDF: 51634.0/13

+ sign 34.659 $\pm$ 0.006 χ^2 /NDF: 3049138.3/31

All: 34.552 $\pm$ 0.004 χ^2 /NDF: 6557091.2/64

- sign 34.444 $\pm$ 0.006 χ^2 /NDF: 3507326.0/32

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 84.504+/-88.746 χ^2/NDF : 12.5/16

Left Out: -2.733+/-71.584 χ^2/NDF : 5.0/14

Right Out: -8.565+/-81.257 χ^2/NDF : 11.1/18

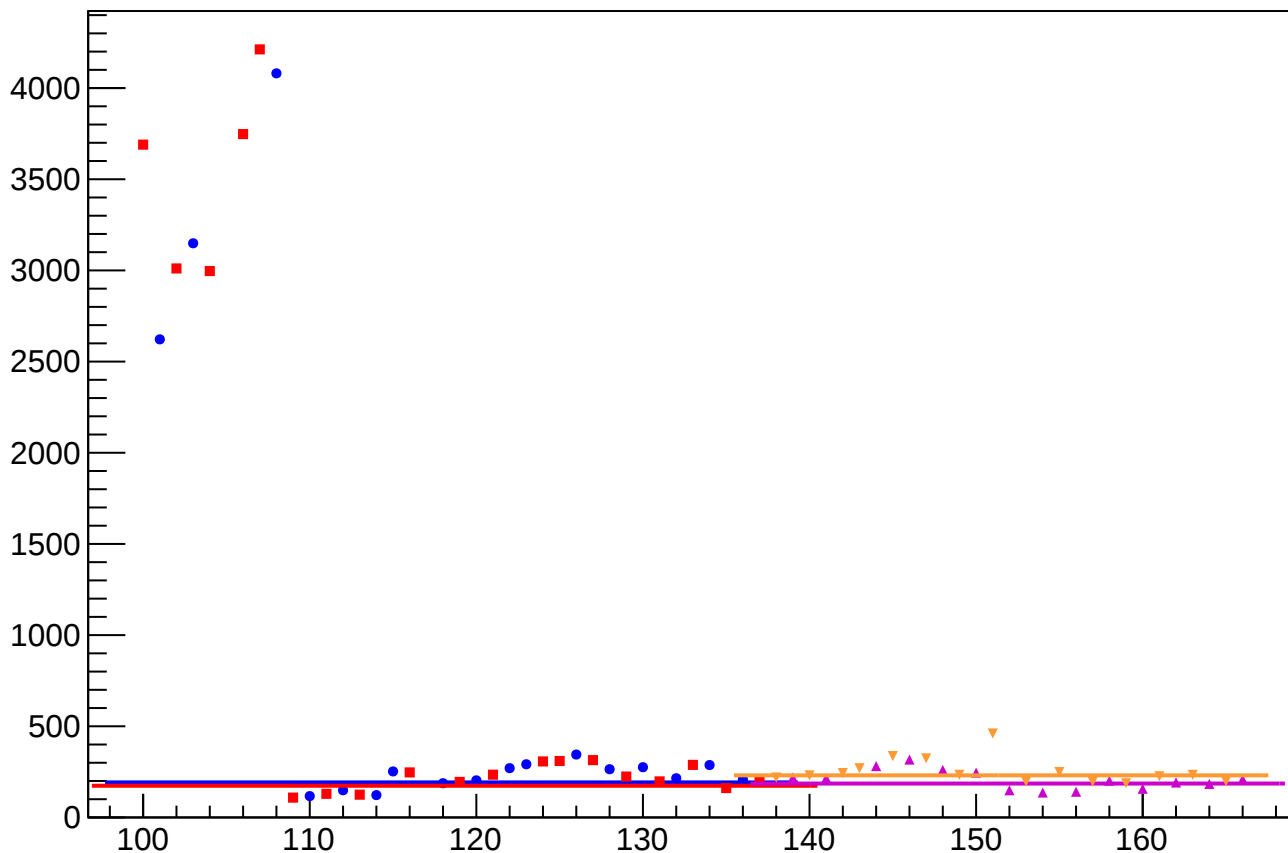
Left In: -61.225+/-59.743 χ^2/NDF : 5.3/13

+ sign 31.653+/-55.717 χ^2/NDF : 18.1/31

All: -10.952+/-36.424 χ^2/NDF : 35.8/64

- sign -42.747+/-48.133 χ^2/NDF : 16.7/32

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 192.177+/-0.063 χ^2/NDF : 3574617.3/16

Left Out: 230.839+/-0.051 χ^2/NDF : 910077.9/14

Right Out: 173.961+/-0.057 χ^2/NDF : 4211616.2/18

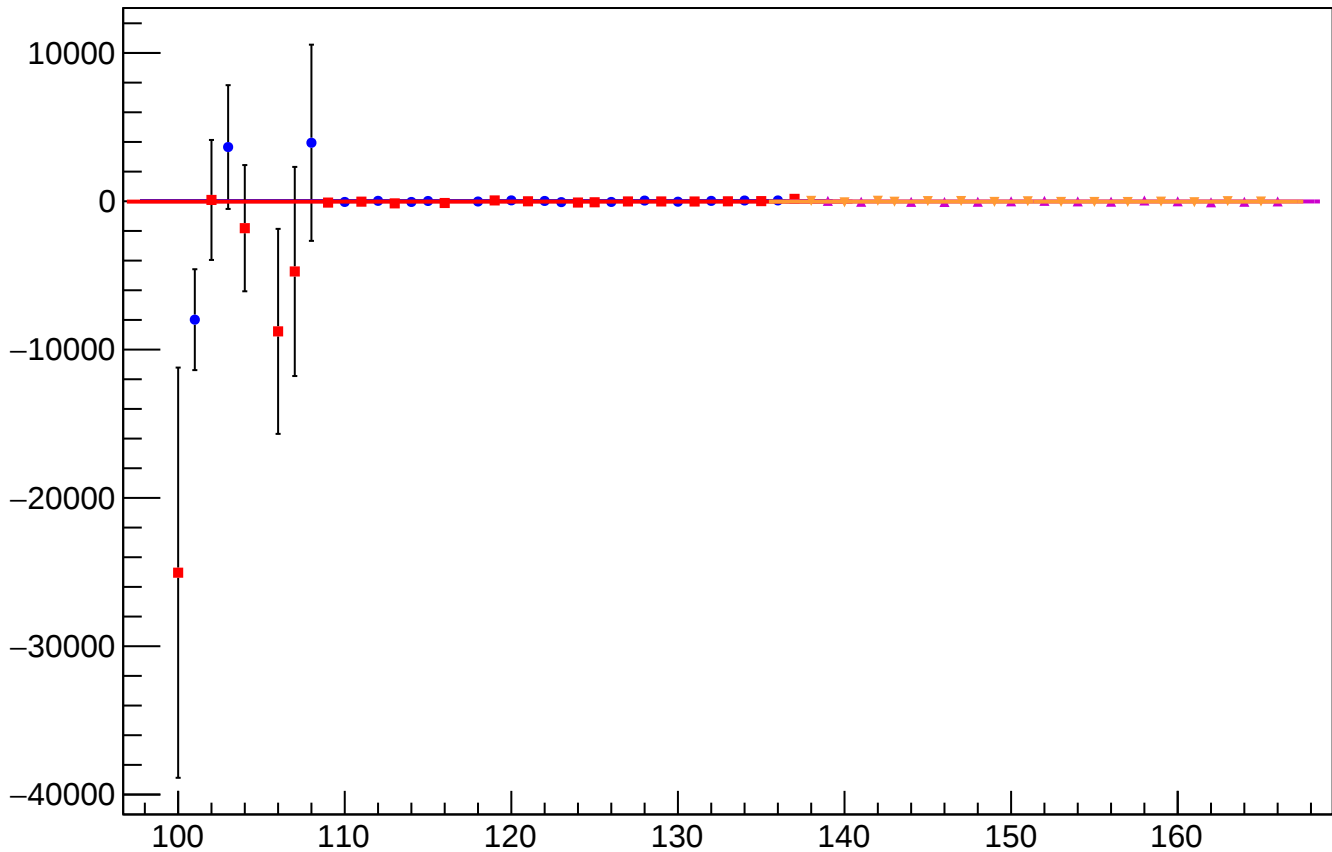
Left In: 185.973+/-0.042 χ^2/NDF : 1258152.1/13

+ sign 215.599+/-0.039 χ^2/NDF : 4714652.2/31

All: 196.220+/-0.026 χ^2/NDF : 10635300.0/64

- sign 181.758+/-0.034 χ^2/NDF : 5498138.8/32

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 12.751+/-13.723 χ^2/NDF : 14.6/16

Left Out: -21.937+/-9.464 χ^2/NDF : 11.2/14

Right Out: -22.618+/-13.660 χ^2/NDF : 28.0/18

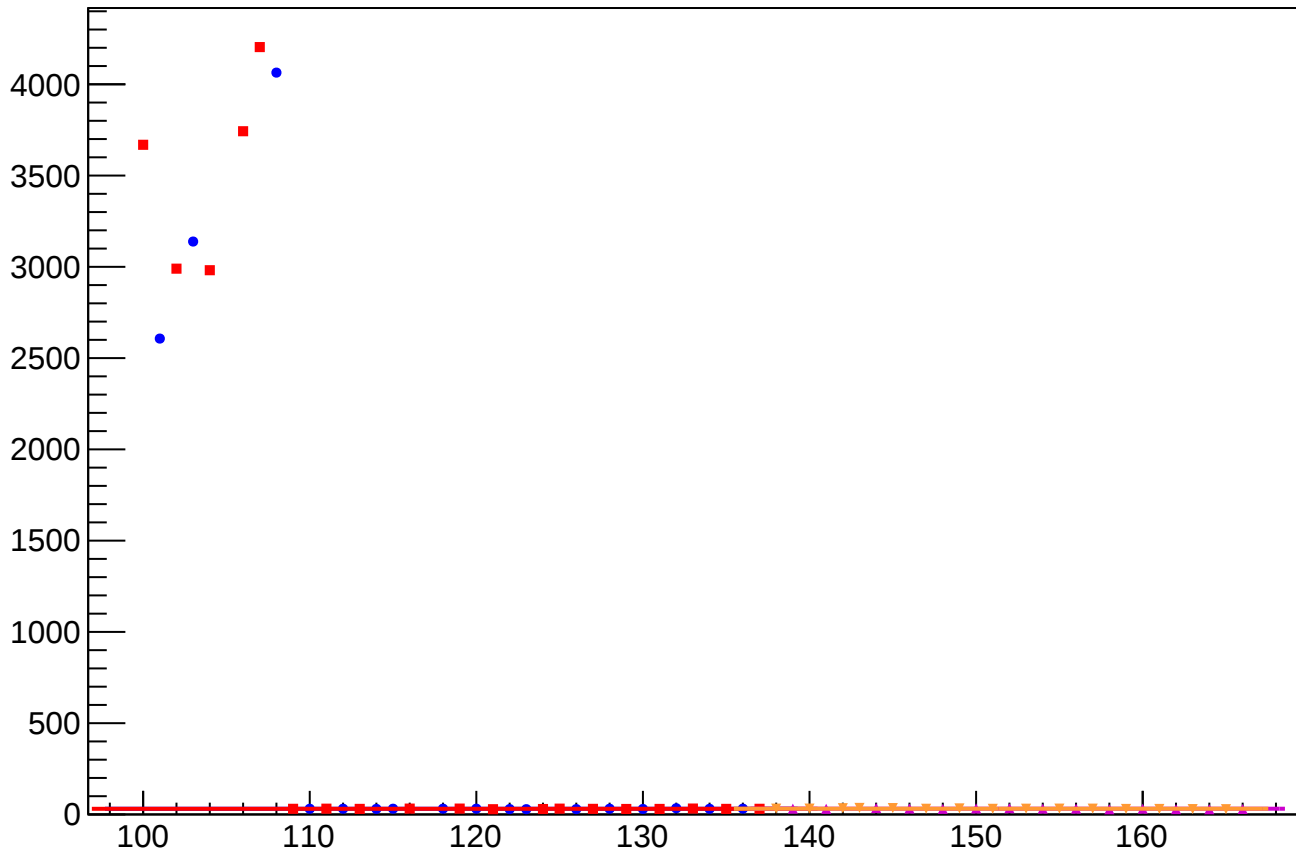
Left In: -11.949+/-9.552 χ^2/NDF : 12.2/13

+ sign -10.757+/-7.791 χ^2/NDF : 30.2/31

All: -13.094+/-5.522 χ^2/NDF : 70.9/64

- sign -15.453+/-7.828 χ^2/NDF : 40.6/32

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.153+/-0.010 χ^2/NDF : 3014515.0/16

Left Out: 31.563+/-0.007 χ^2/NDF : 70765.7/14

Right Out: 30.963+/-0.010 χ^2/NDF : 3458924.5/18

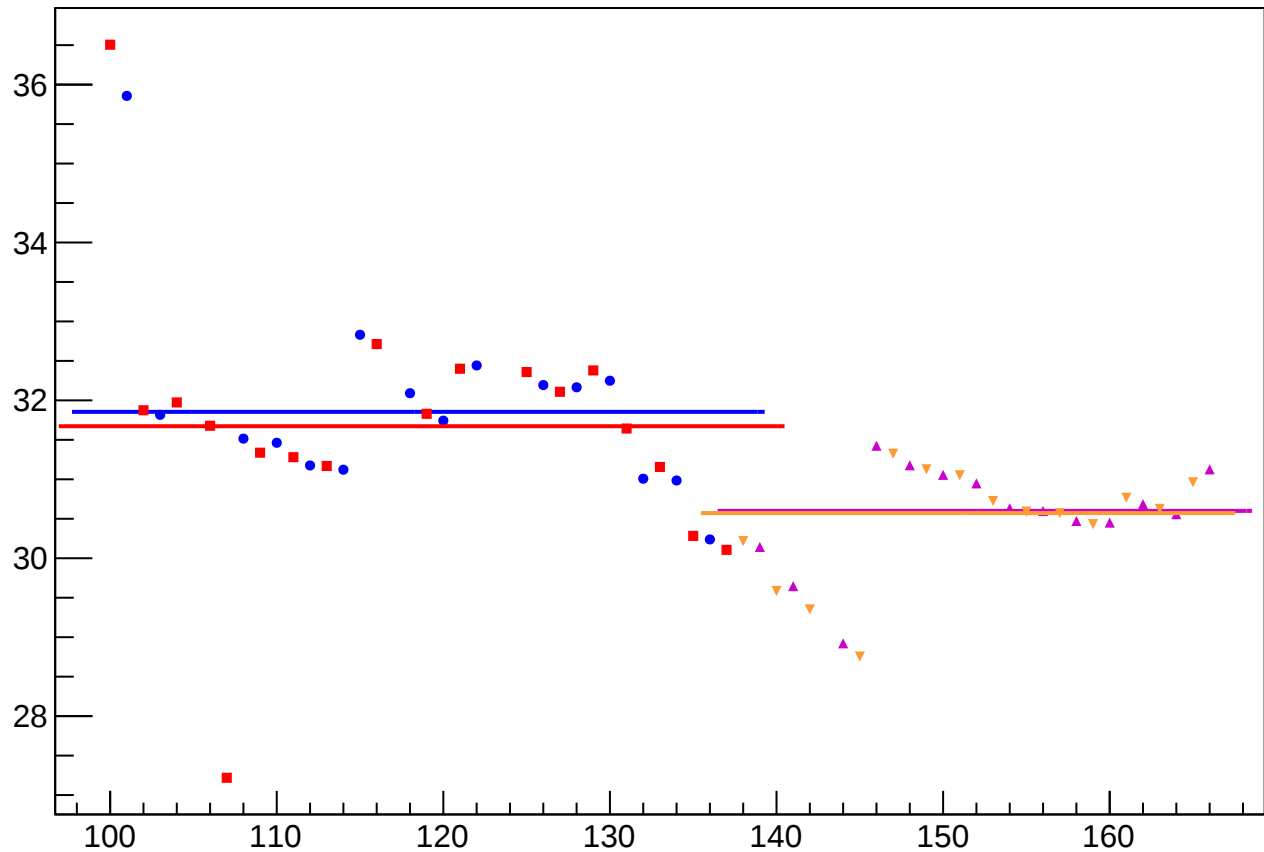
Left In: 31.426+/-0.007 χ^2/NDF : 79832.9/13

+ sign 31.431+/-0.006 χ^2/NDF : 3086490.0/31

All: 31.353+/-0.004 χ^2/NDF : 6627197.9/64

- sign 31.274+/-0.006 χ^2/NDF : 3540304.2/32

yield_usl_mean vs Slug



Right In: 31.855+/-0.000 χ^2/NDF : 1570522165.5/15

Left Out: 30.572+/-0.000 χ^2/NDF : 610580096.3/13

Right Out: 31.672+/-0.000 χ^2/NDF : 917899841.8/17

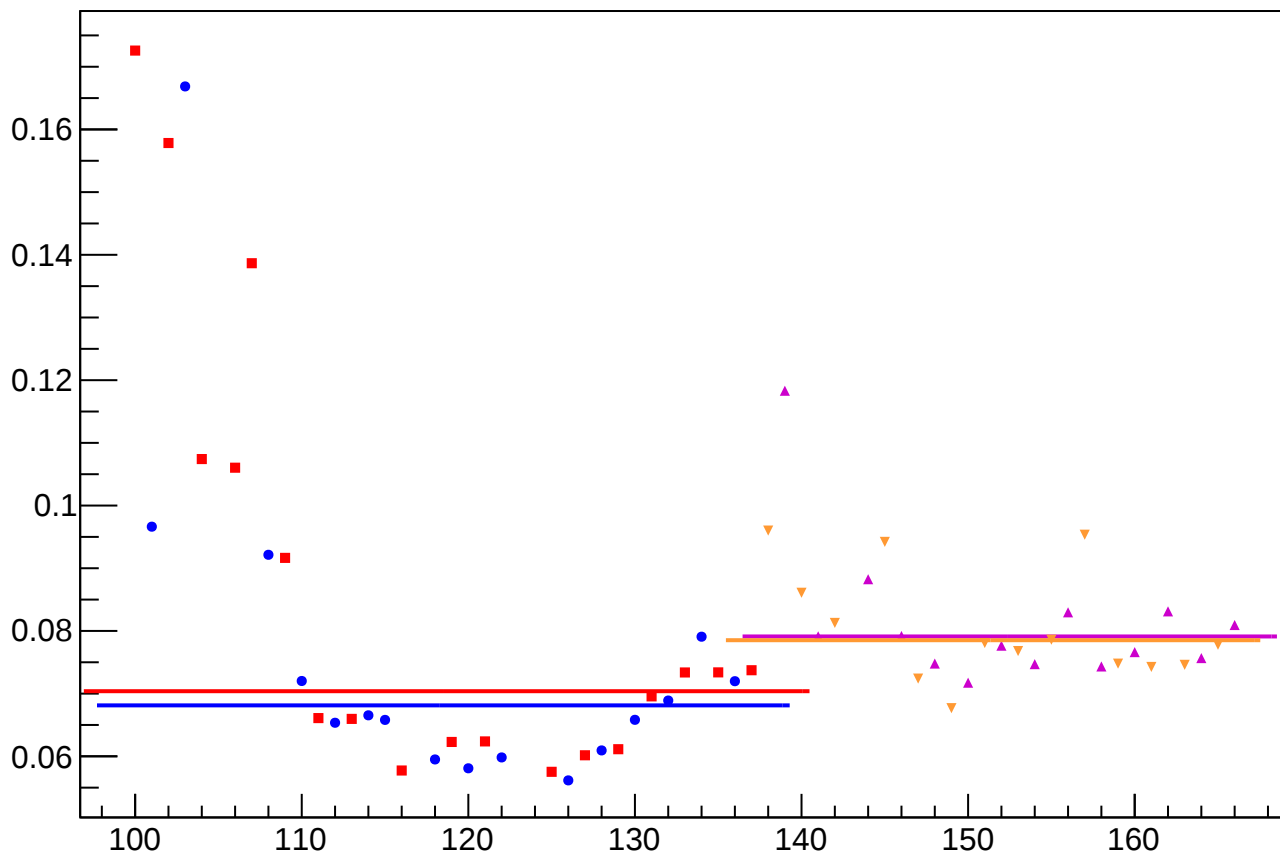
Left In: 30.600+/-0.000 χ^2/NDF : 587420022.9/13

+ sign 31.148+/-0.000 χ^2/NDF : 3307719363.0/29

All: 31.106+/-0.000 χ^2/NDF : 5601274413.8/6

- sign 31.064+/-0.000 χ^2/NDF : 2283840183.0/31

yield_usl_rms vs Slug



Right In: 0.068 ± 0.000 χ^2/NDF : 629767.4/15

Left Out: 0.079 ± 0.000 χ^2/NDF : 196727.1/13

Right Out: 0.070 ± 0.000 χ^2/NDF : 841320.1/17

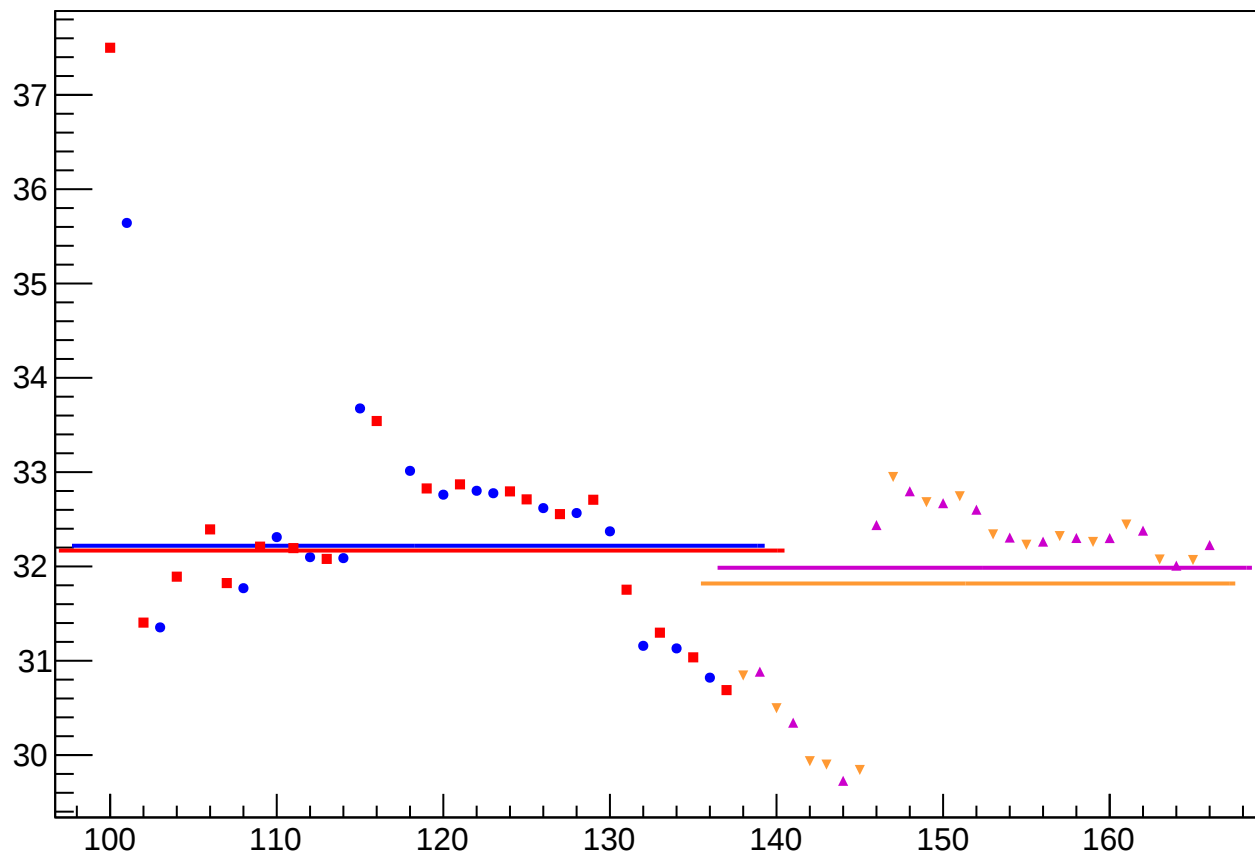
Left In: 0.079 ± 0.000 χ^2/NDF : 213828.8/13

+ sign 0.074 ± 0.000 χ^2/NDF : 974559.8/29

All: 0.075 ± 0.000 χ^2/NDF : 2139040.8/61

- sign 0.075 ± 0.000 χ^2/NDF : 1158380.7/31

yield_usr_mean vs Slug



Right In: 32.220 ± 0.000 χ^2/NDF : 1013864543.3/16

Left Out: 31.819 ± 0.000 χ^2/NDF : 1817914439.5/14

Right Out: 32.168 ± 0.000 χ^2/NDF : 442298310.3/18

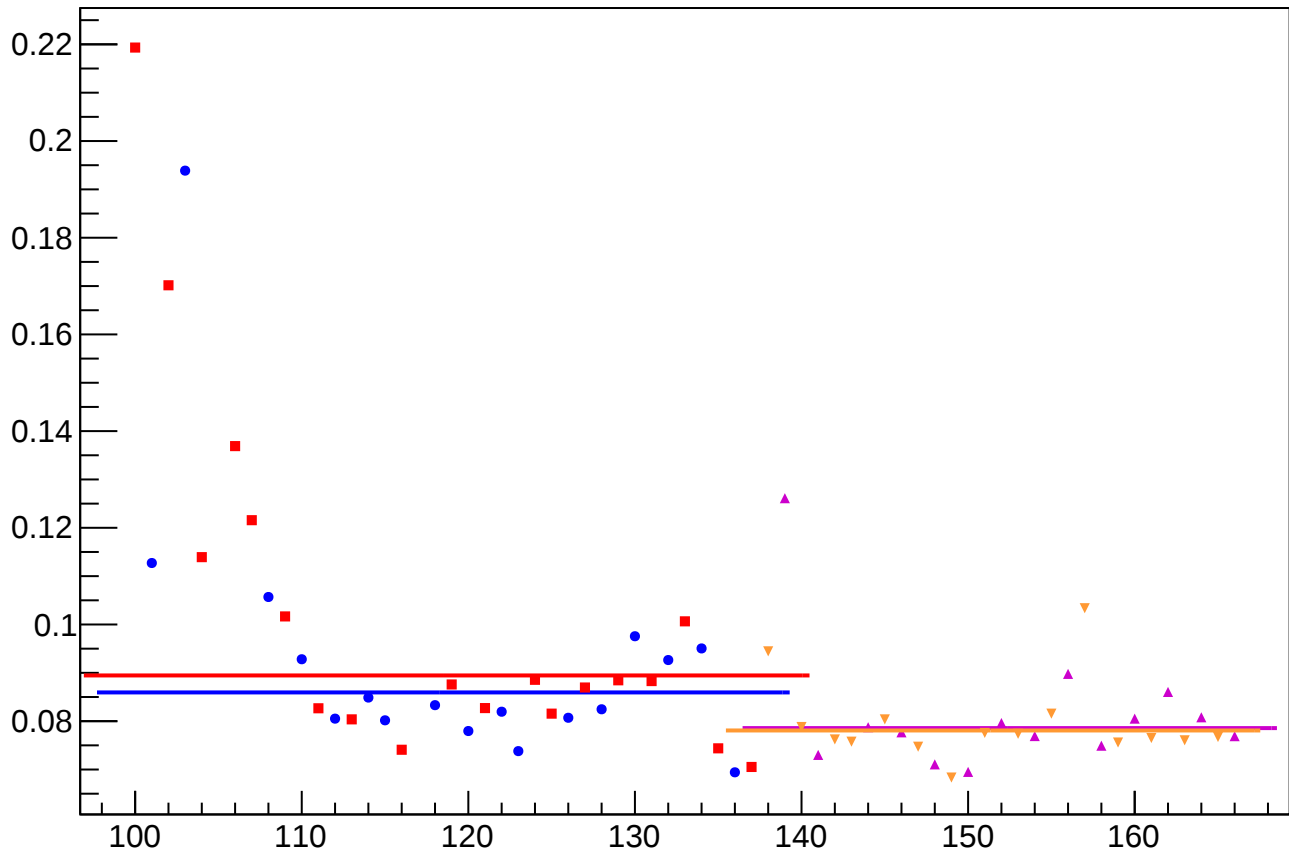
Left In: 31.986 ± 0.000 χ^2/NDF : 1399161156.4/13

+ sign 31.948 ± 0.000 χ^2/NDF : 2916983726.5/31

All: 31.996 ± 0.000 χ^2/NDF : 4786998968.9/6

- sign 32.045 ± 0.000 χ^2/NDF : 1858755307.4/32

yield_usr_rms vs Slug



Right In: 0.086 $\pm$ 0.000 χ^2 /NDF: 553280.3/16

Left Out: 0.078 $\pm$ 0.000 χ^2 /NDF: 160154.4/14

Right Out: 0.089 $\pm$ 0.000 χ^2 /NDF: 539869.9/18

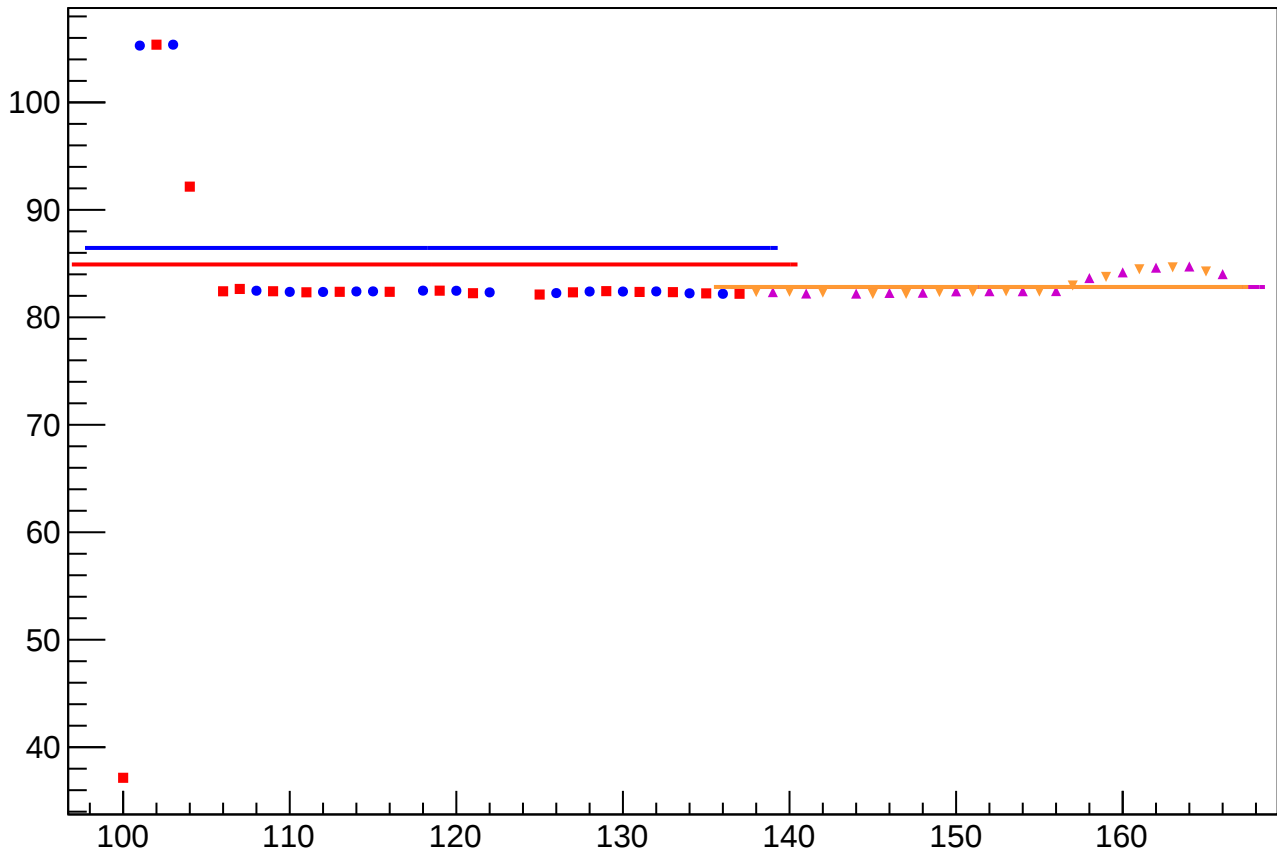
Left In: 0.079 $\pm$ 0.000 χ^2 /NDF: 292503.4/13

+ sign 0.081 $\pm$ 0.000 χ^2 /NDF: 779259.9/31

All: 0.081 $\pm$ 0.000 χ^2 /NDF: 1740143.8/64

- sign 0.082 $\pm$ 0.000 χ^2 /NDF: 955676.5/32

yield_dsl_mean vs Slug



Right In: 86.457+/-0.000 χ^2/NDF : 291421048436.2/15

Left Out: 82.827+/-0.000 χ^2/NDF : 3670974999.2/13

Right Out: 84.920+/-0.000 χ^2/NDF : 172195187677.7/17

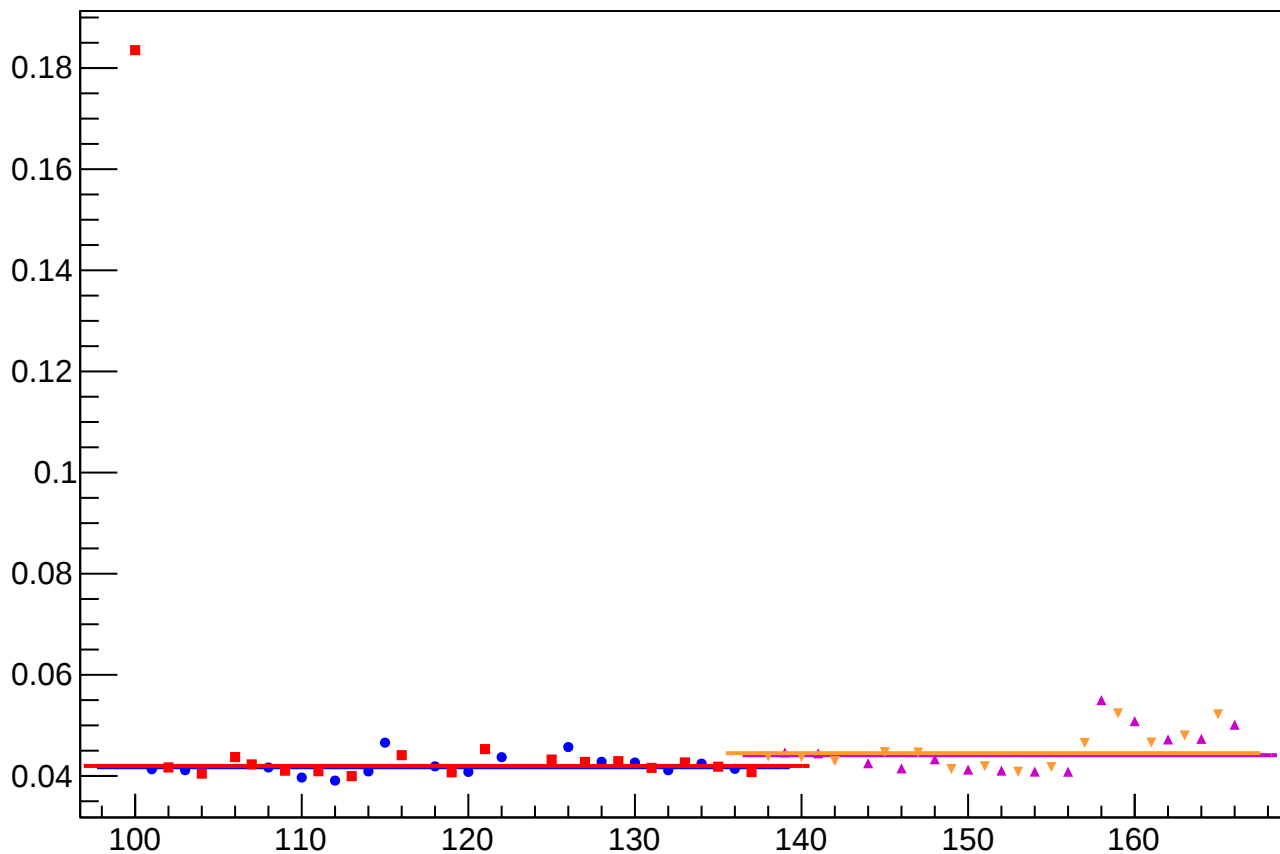
Left In: 82.821+/-0.000 χ^2/NDF : 3998551269.5/13

+ sign 84.361+/-0.000 χ^2/NDF : 323765554991.3/29

All: 84.021+/-0.000 χ^2/NDF : 511994271391.3/31

- sign 83.697+/-0.000 χ^2/NDF : 186216182640.1/31

yield_dsl_rms vs Slug



Right In: 0.042+/-0.000 χ^2/NDF : 18887.0/15

Left Out: 0.045+/-0.000 χ^2/NDF : 110943.7/13

Right Out: 0.042+/-0.000 χ^2/NDF : 96869.3/17

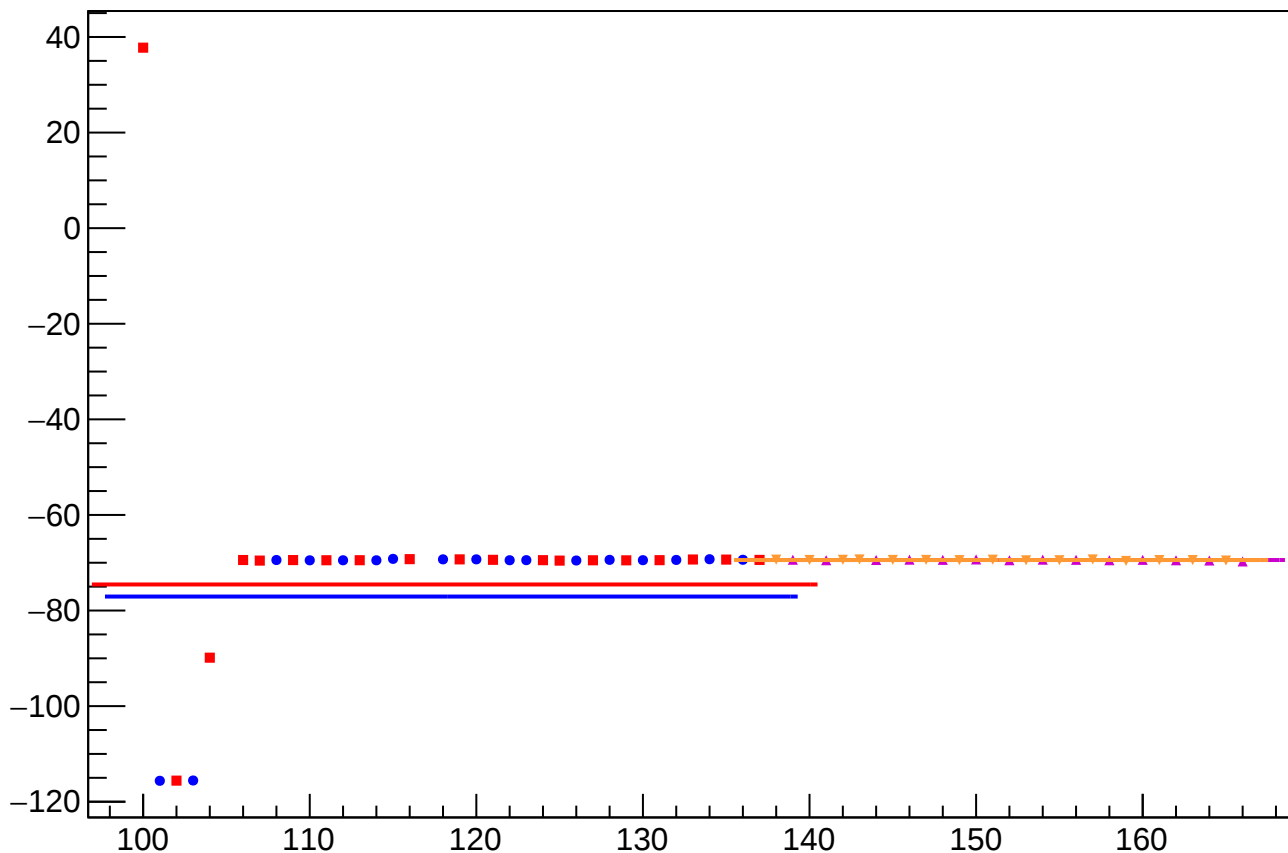
Left In: 0.044+/-0.000 χ^2/NDF : 163508.4/13

+ sign 0.043+/-0.000 χ^2/NDF : 163533.8/29

All: 0.043+/-0.000 χ^2/NDF : 444566.3/61

- sign 0.043+/-0.000 χ^2/NDF : 280908.9/31

yield_dsr_mean vs Slug



Right In: -77.074+/-0.000 χ^2/NDF : 565391865606.1/16

Left Out: -69.433+/-0.000 χ^2/NDF : 22660563.8/14

Right Out: -74.547+/-0.000 χ^2/NDF : 371890102737.4/18

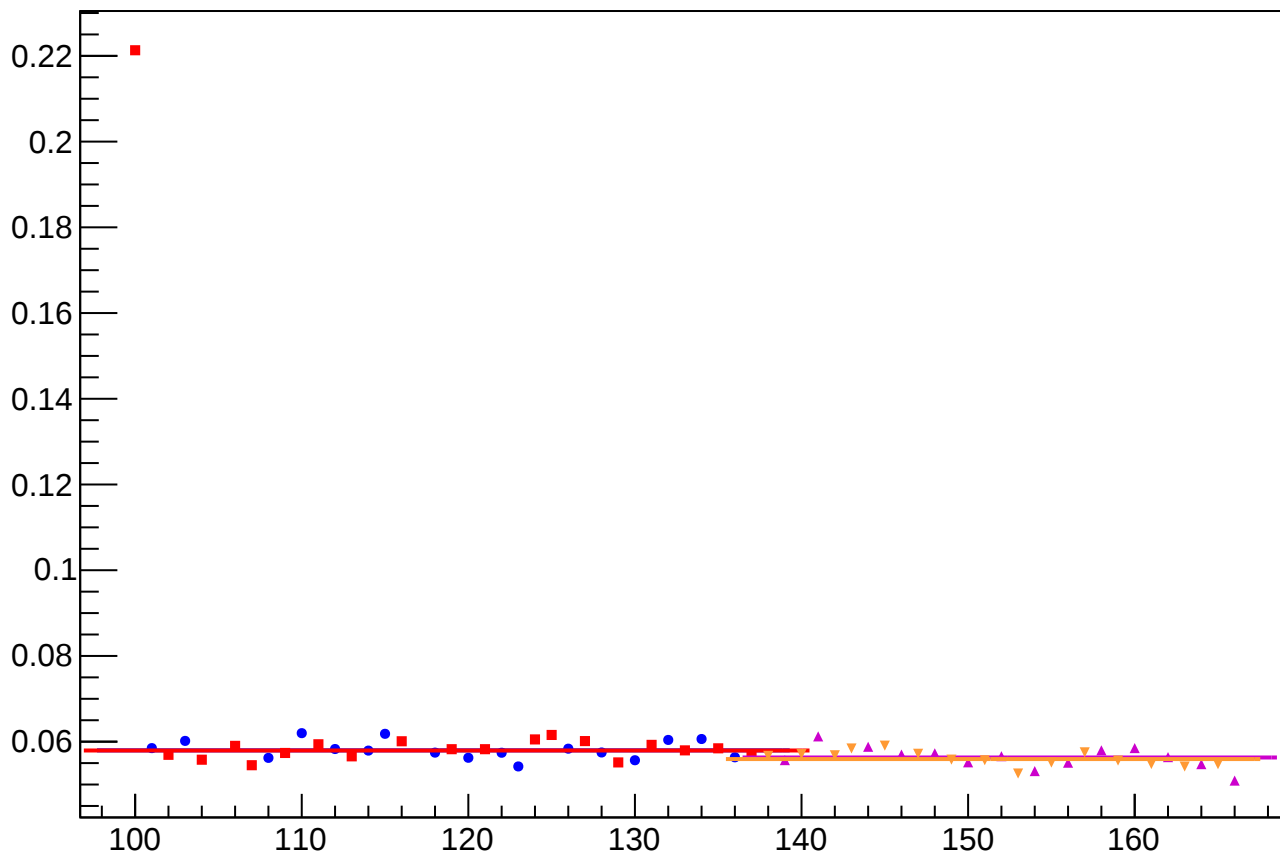
Left In: -69.430+/-0.000 χ^2/NDF : 30805260.0/13

+ sign -72.166+/-0.000 χ^2/NDF : 637230936382.9/3

All: -71.774+/-0.000 χ^2/NDF : 104387902097

- sign -71.381+/-0.000 χ^2/NDF : 404999992300.7/32

yield_dsr_rms vs Slug



Right In: 0.058 $\pm$ 0.000 χ^2 /NDF: 12275.6/16

Left Out: 0.056 $\pm$ 0.000 χ^2 /NDF:18970.9/14

Right Out: 0.058 $\pm$ 0.000 χ^2 /NDF: 86466.5/18

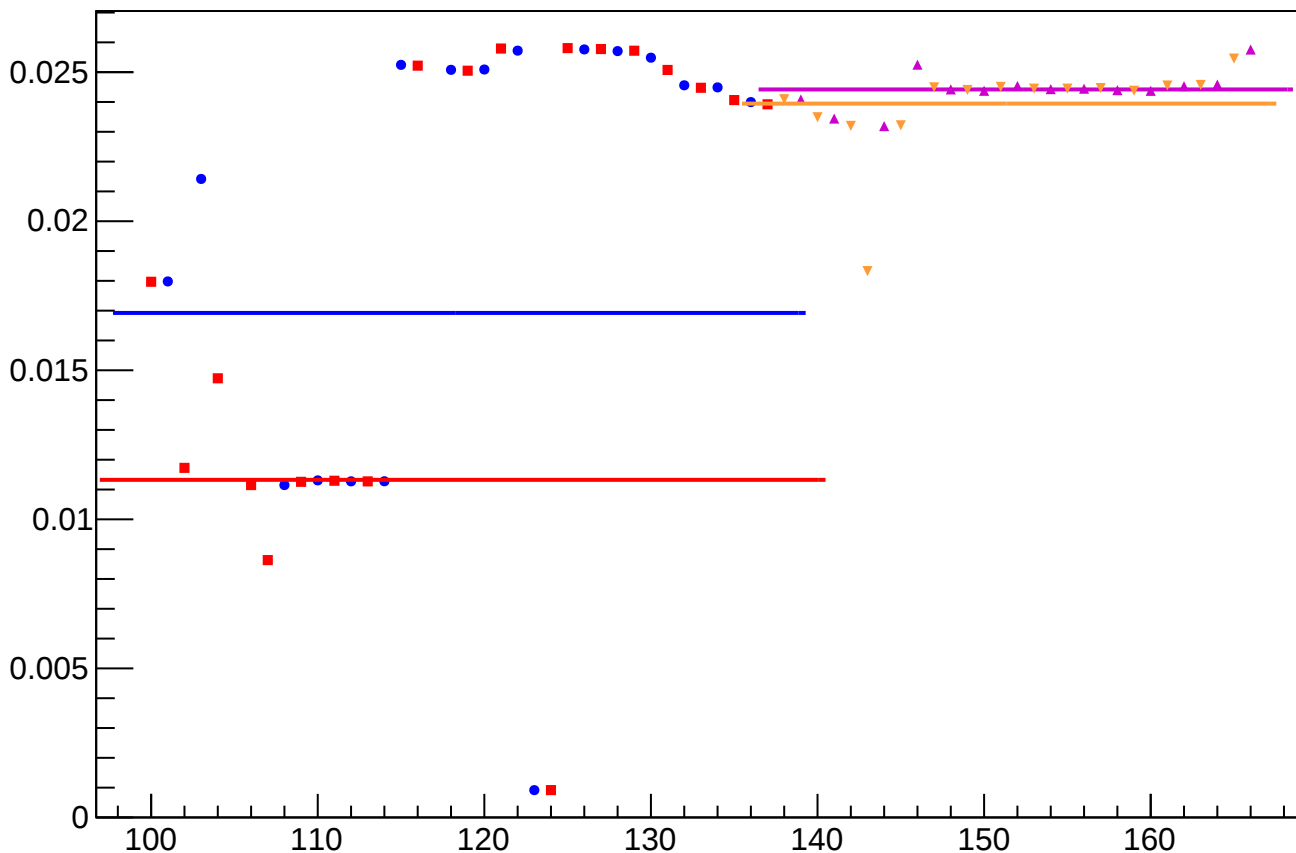
Left In: 0.056 $\pm$ 0.000 χ^2 /NDF:38058.0/13

+ sign 0.057 $\pm$ 0.000 χ^2 /NDF: 41382.4/31

All: 0.057 $\pm$ 0.000 χ^2 /NDF: 173019.6/64

- sign 0.057 $\pm$ 0.000 χ^2 /NDF: 131266.0/32

yield_atl1_mean vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 126447785006.7/16

Left Out: 0.024+/-0.000 χ^2/NDF : 5440934137.3/14

Right Out: 0.011+/-0.000 χ^2/NDF : 234754769754.2/18

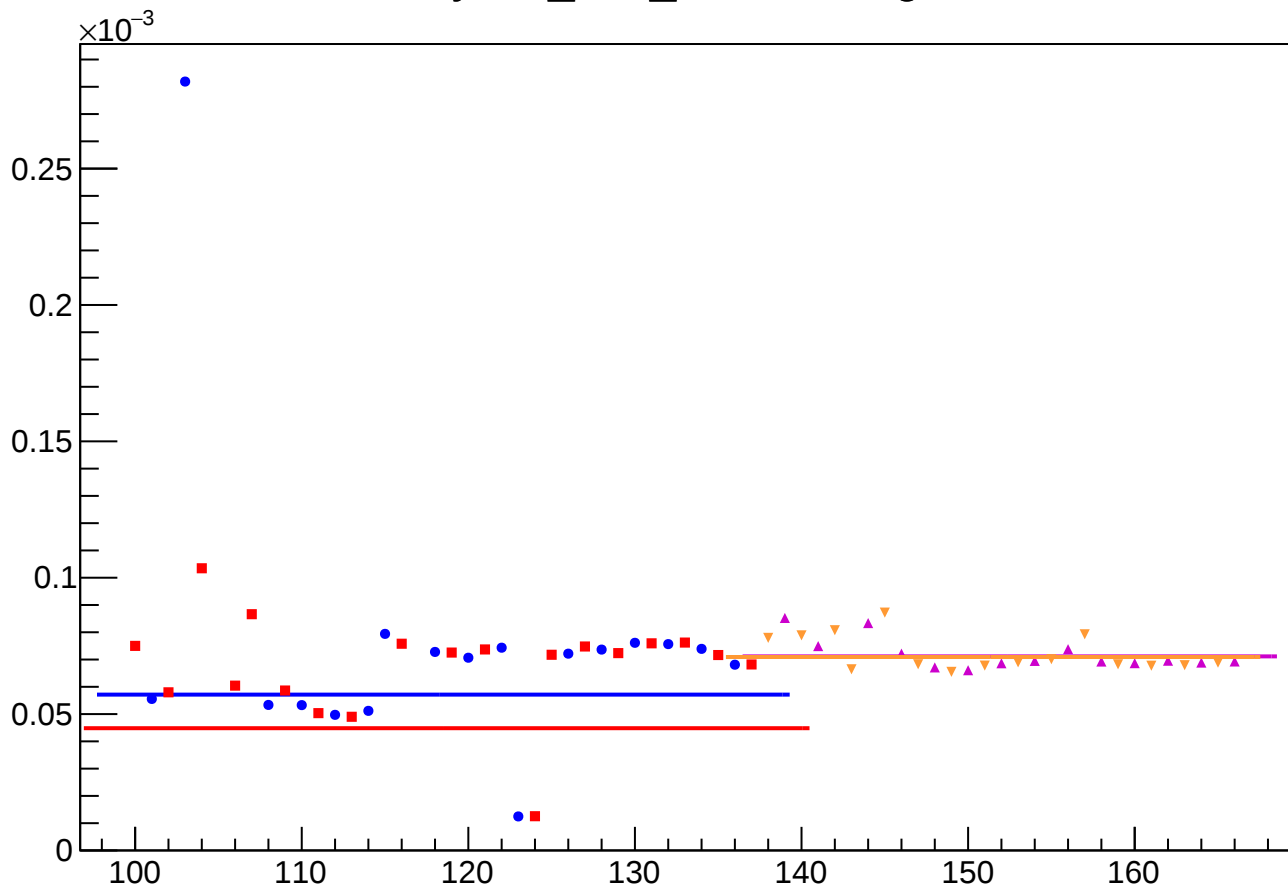
Left In: 0.024+/-0.000 χ^2/NDF : 646307778.3/13

+ sign 0.021+/-0.000 χ^2/NDF : 178385650270.8/31

All: 0.019+/-0.000 χ^2/NDF : 630161855282.7

- sign 0.017+/-0.000 χ^2/NDF : 427501789564.7/32

yield_atl1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2000446.9/16

Left Out: 0.000+/-0.000 χ^2/NDF :140259.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 3592224.4/18

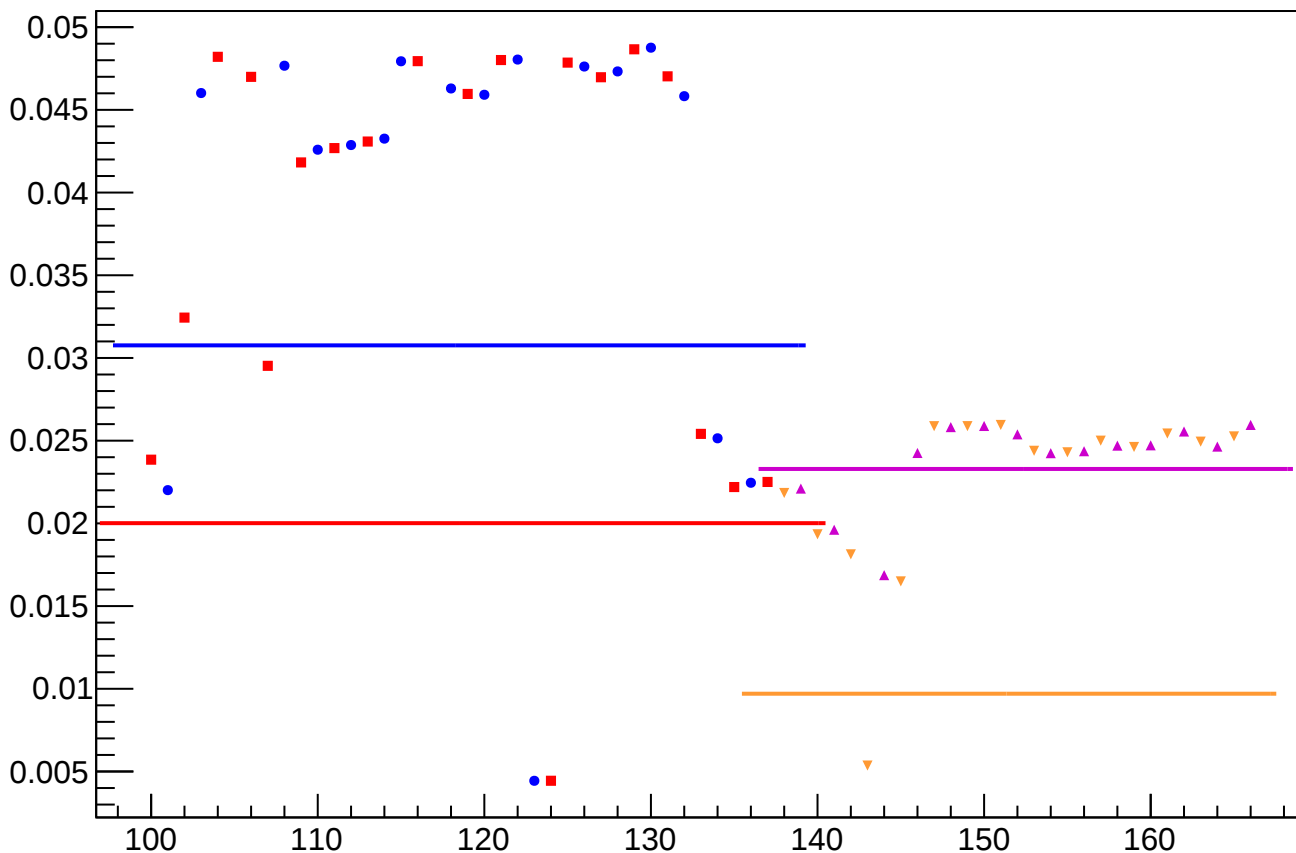
Left In: 0.000+/-0.000 χ^2/NDF :106008.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 2499354.2/31

All: 0.000+/-0.000 χ^2/NDF : 8000119.0/64

- sign 0.000+/-0.000 χ^2/NDF : 5251772.8/32

yield_atl2_mean vs Slug



Right In: 0.031+/-0.000 χ^2/NDF : 21174738549.0/16

Left Out: 0.010+/-0.000 χ^2/NDF : 28080934609.6/14

Right Out: 0.020+/-0.000 χ^2/NDF : 40011334157.0/18

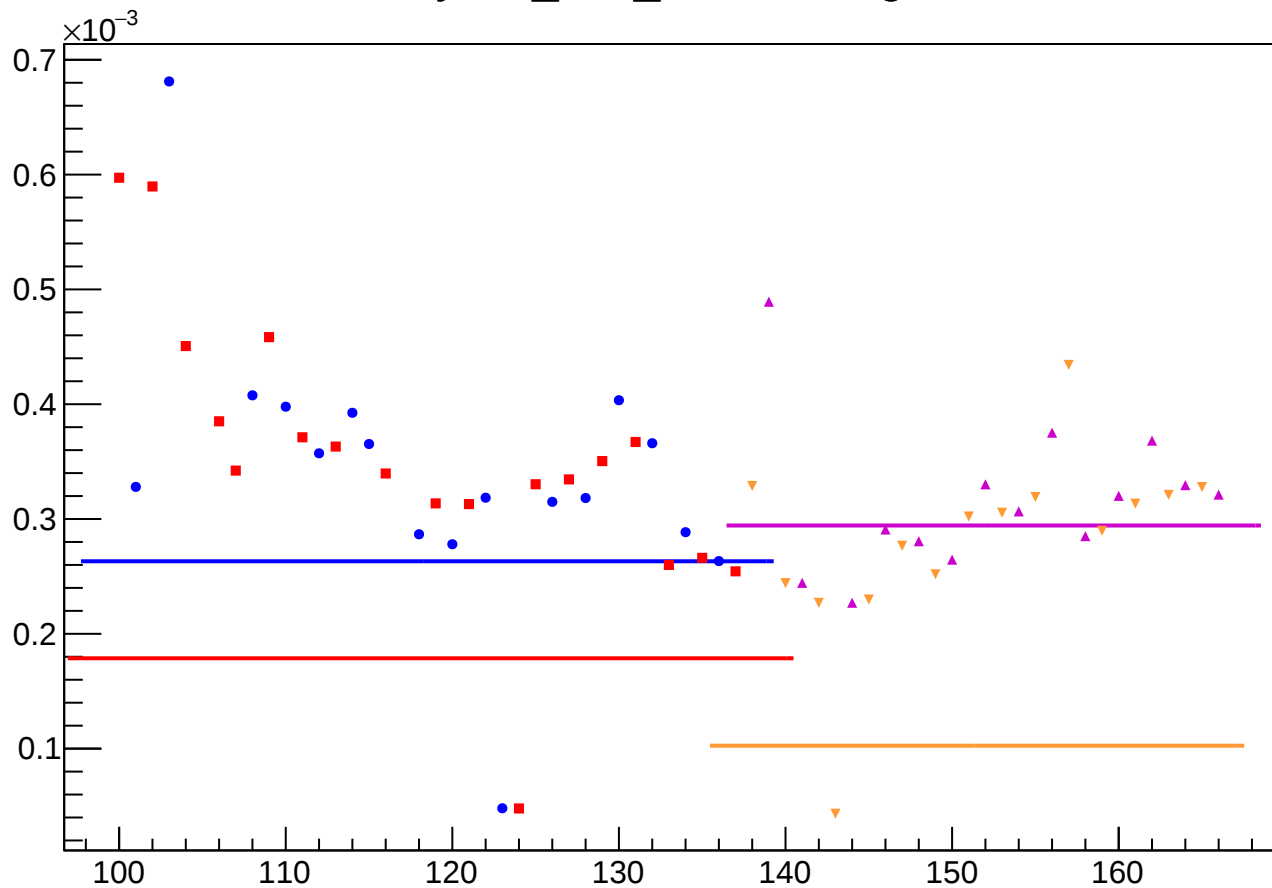
Left In: 0.023+/-0.000 χ^2/NDF : 1083135652.5/13

+ sign 0.013+/-0.000 χ^2/NDF : 76479580657.0/31

All: 0.015+/-0.000 χ^2/NDF : 131480826913.3

- sign 0.022+/-0.000 χ^2/NDF : 41708954055.6/32

yield_atl2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2401048.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 10433633.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 5341022.6/18

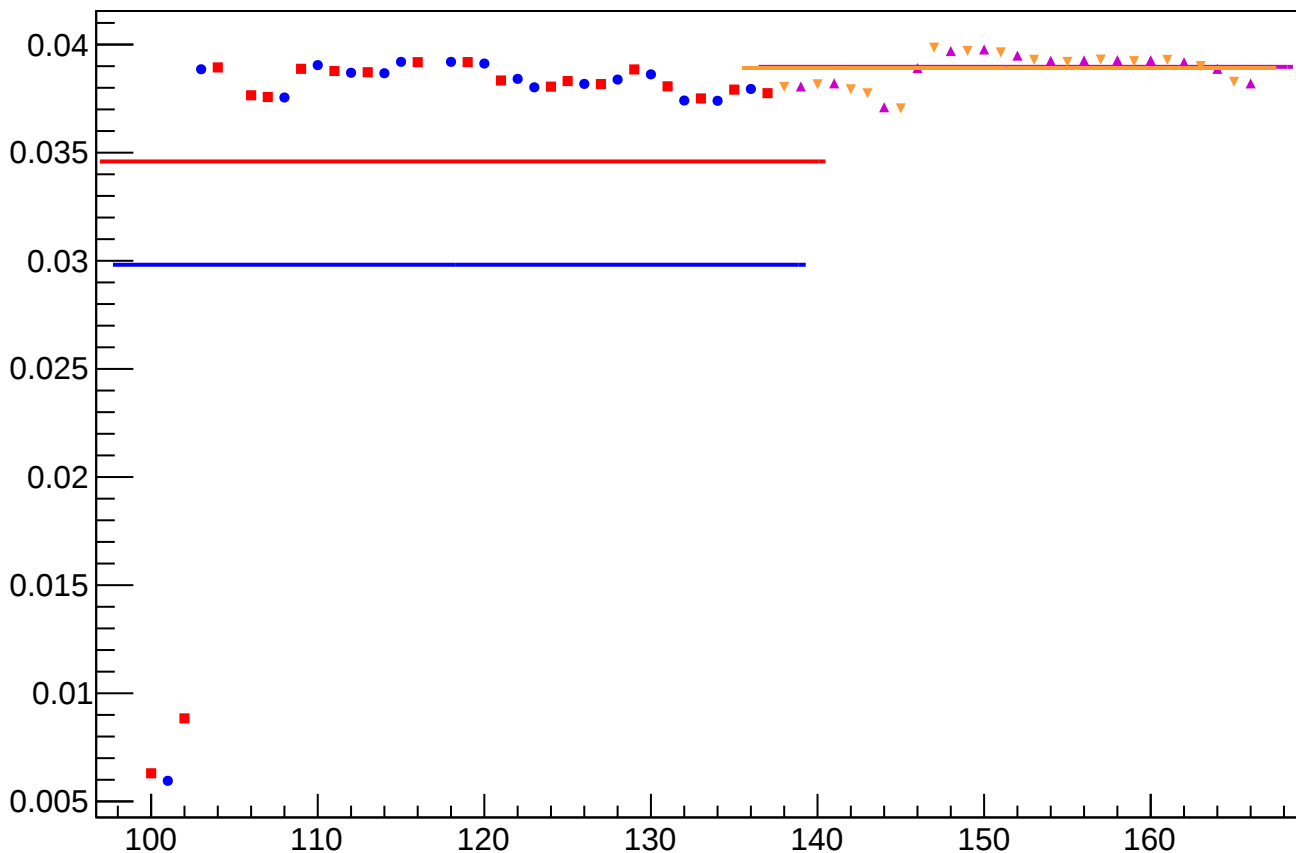
Left In: 0.000+/-0.000 χ^2/NDF : 616955.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 16001944.5/31

All: 0.000+/-0.000 χ^2/NDF : 27452149.3/64

- sign 0.000+/-0.000 χ^2/NDF : 7488683.0/32

yield_atr1_mean vs Slug



Right In: 0.030 $\pm$ 0.000 χ^2 /NDF: 97152184939.3/16

Left Out: 0.039 $\pm$ 0.000 χ^2 /NDF: 357537757.5/14

+ sign 0.035 $\pm$ 0.000 χ^2 /NDF: 119477574468.5/31

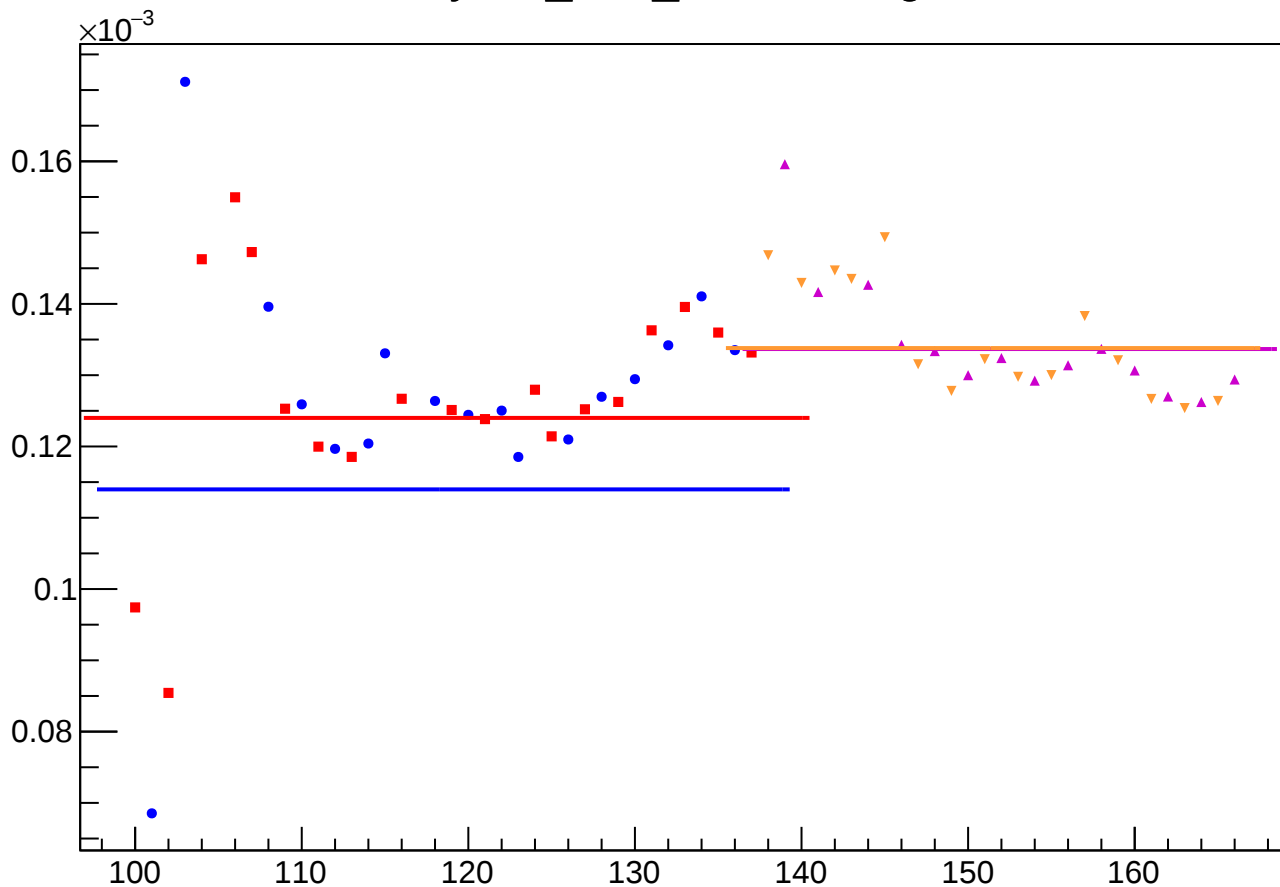
Right Out: 0.035 $\pm$ 0.000 χ^2 /NDF: 43669374279.3/18

All: 0.036 $\pm$ 0.000 χ^2 /NDF: 170767049287.0

- sign 0.037 $\pm$ 0.000 χ^2 /NDF: 48756269254.7/32

Left In: 0.039 $\pm$ 0.000 χ^2 /NDF: 294745990.9/13

yield_atr1_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 794542.9/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:68669.0/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 245154.5/18

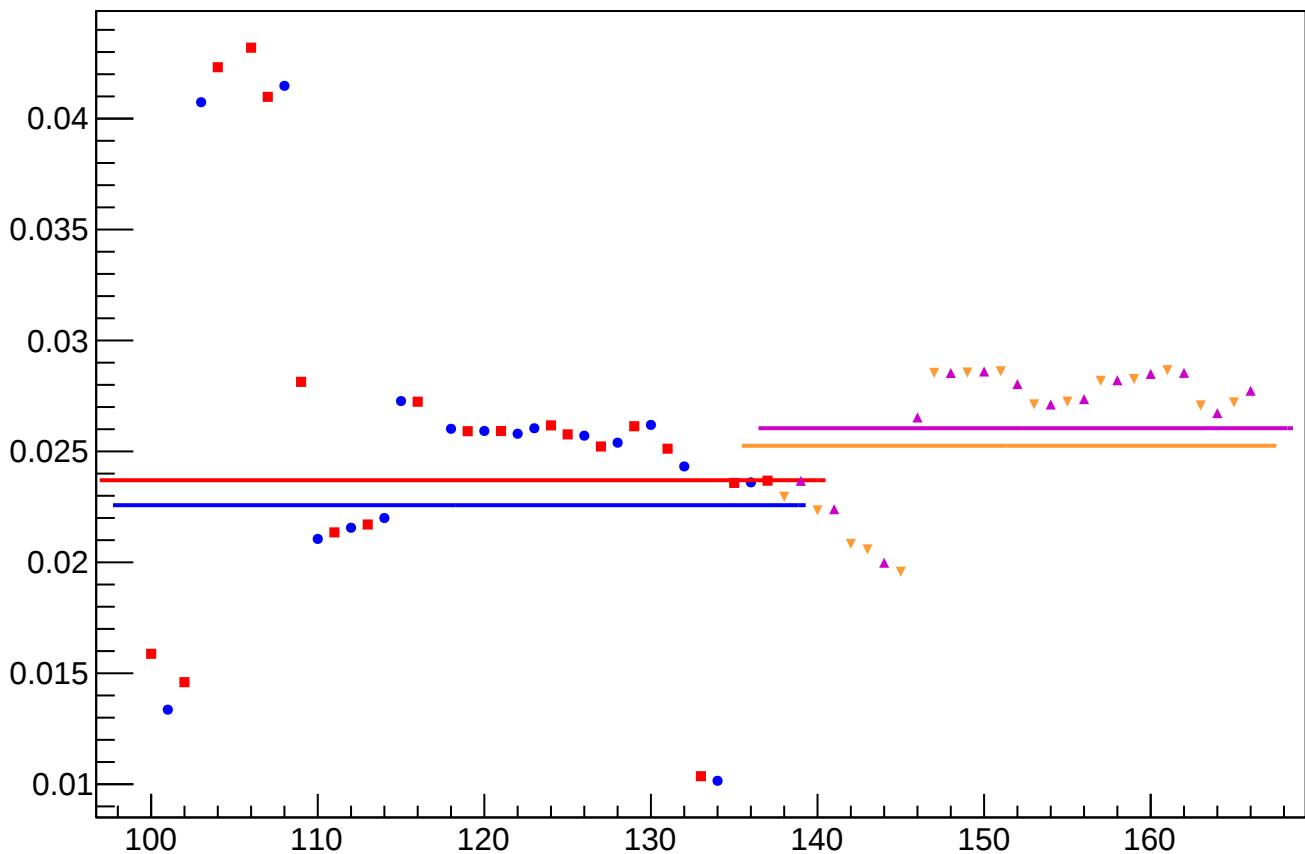
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:63567.7/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 1071791.8/31

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1448326.0/64

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 355466.6/32

yield_atr2_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 4247774712.9/16

Left Out: 0.025+/-0.000 χ^2/NDF : 1608335260.8/14

Right Out: 0.024+/-0.000 χ^2/NDF : 5651397656.1/18

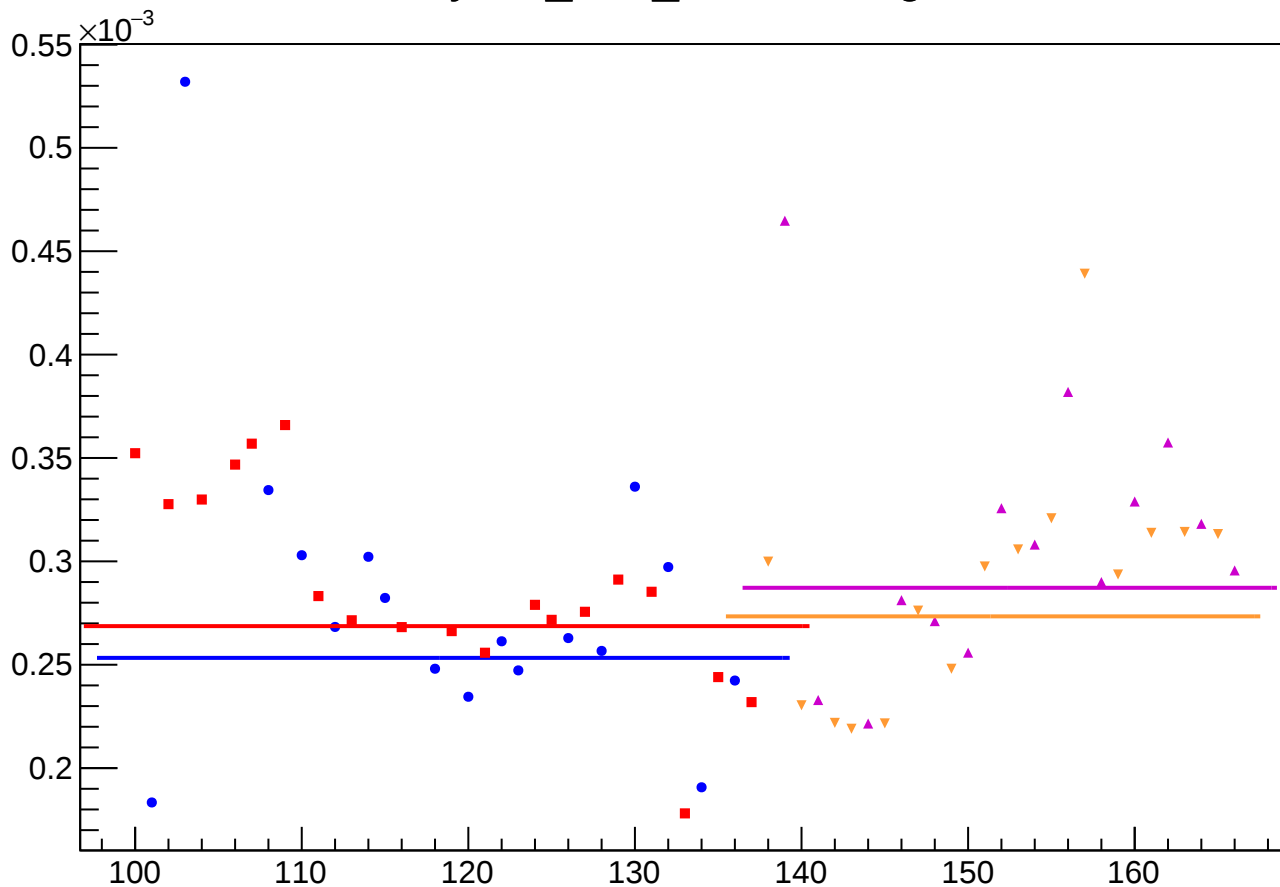
Left In: 0.026+/-0.000 χ^2/NDF : 1118358568.9/13

+ sign 0.024+/-0.000 χ^2/NDF : 6237834548.7/31

All: 0.025+/-0.000 χ^2/NDF : 13365519778.6/6

- sign 0.025+/-0.000 χ^2/NDF : 7041496705.0/32

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 629159.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 558994.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 428329.0/18

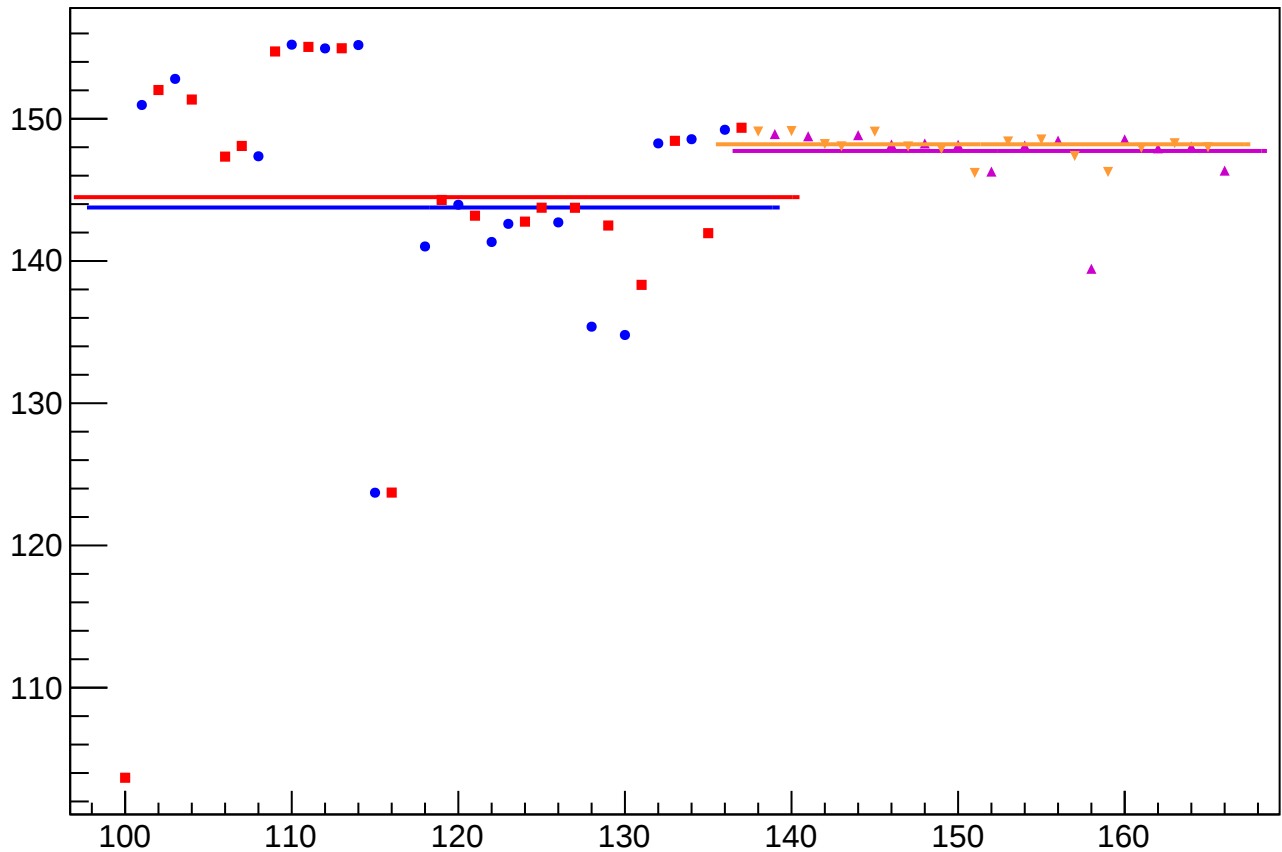
Left In: 0.000+/-0.000 χ^2/NDF : 657404.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 1231059.4/31

All: 0.000+/-0.000 χ^2/NDF : 2393720.8/64

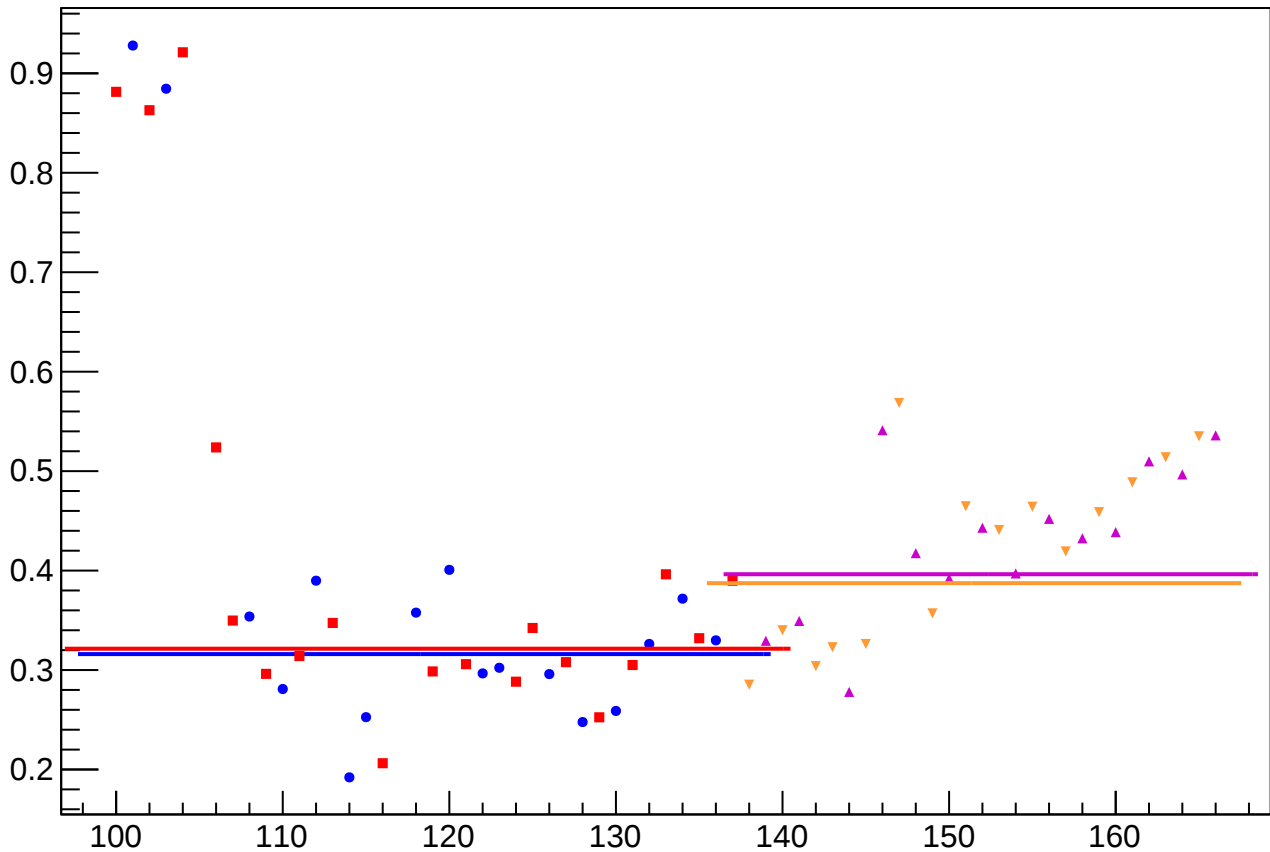
- sign 0.000+/-0.000 χ^2/NDF : 1119721.6/32

yield_bcm_an_ds_mean vs Slug



Right In: 143.763+/-0.000	χ^2/NDF : 3534699505.1/16	+ sign 146.212+/-0.000	χ^2/NDF : 4190727092.8/31
Left Out: 148.206+/-0.000	χ^2/NDF : 50706950.7/14	All: 146.215+/-0.000	χ^2/NDF : 9016345863.1
Right Out: 144.490+/-0.000	χ^2/NDF : 4182548232.5/18	- sign 146.217+/-0.000	χ^2/NDF : 4825617120.5/32
Left In: 147.737+/-0.000	χ^2/NDF : 325187601.5/13		

yield_bcm_an_ds_rms vs Slug



Right In: 0.316 $\pm$ 0.000 χ^2 /NDF: 1265921.5/16

Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF:940040.0/14

Right Out: 0.321 $\pm$ 0.000 χ^2 /NDF: 1219073.9/18

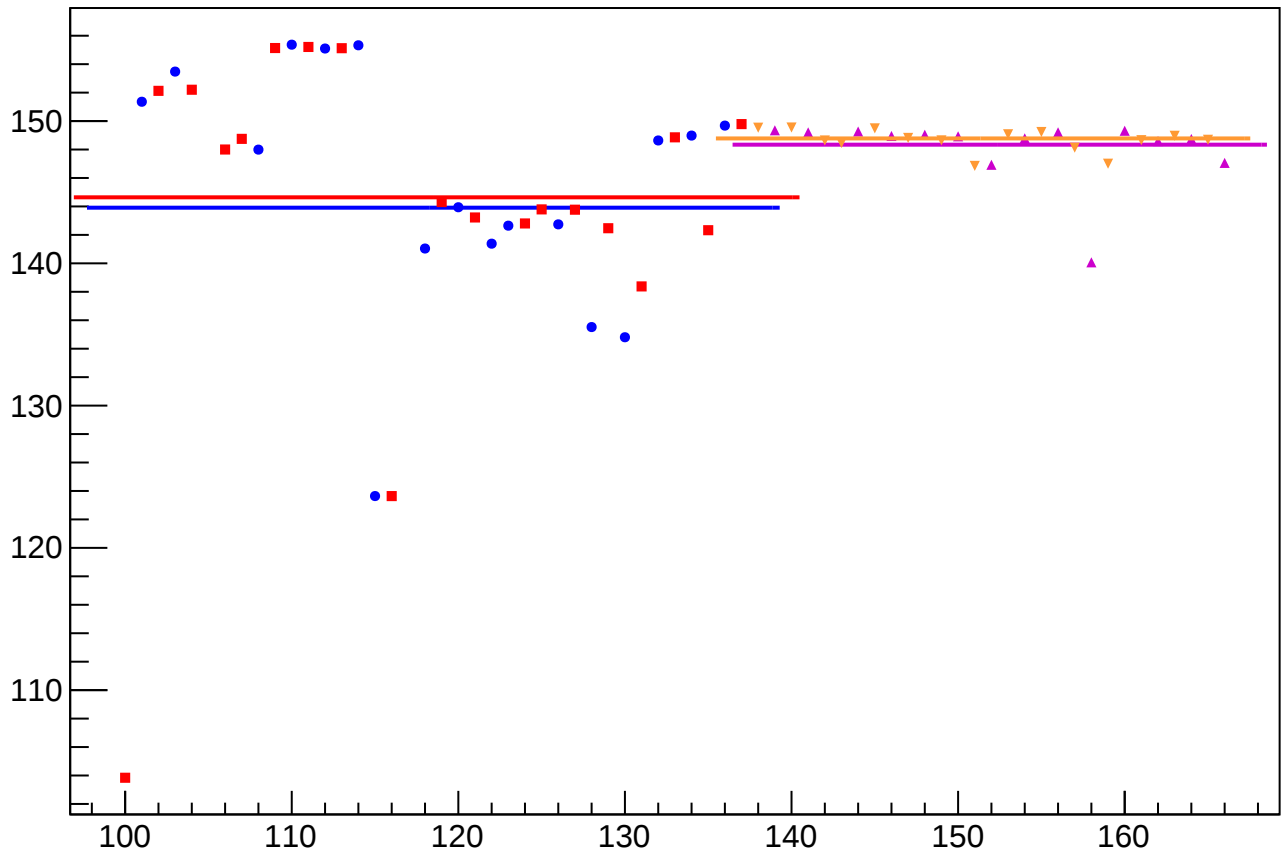
Left In: 0.396 $\pm$ 0.000 χ^2 /NDF:766434.5/13

+ sign 0.355 $\pm$ 0.000 χ^2 /NDF: 2517962.1/31

All: 0.358 $\pm$ 0.000 χ^2 /NDF: 4845968.4/64

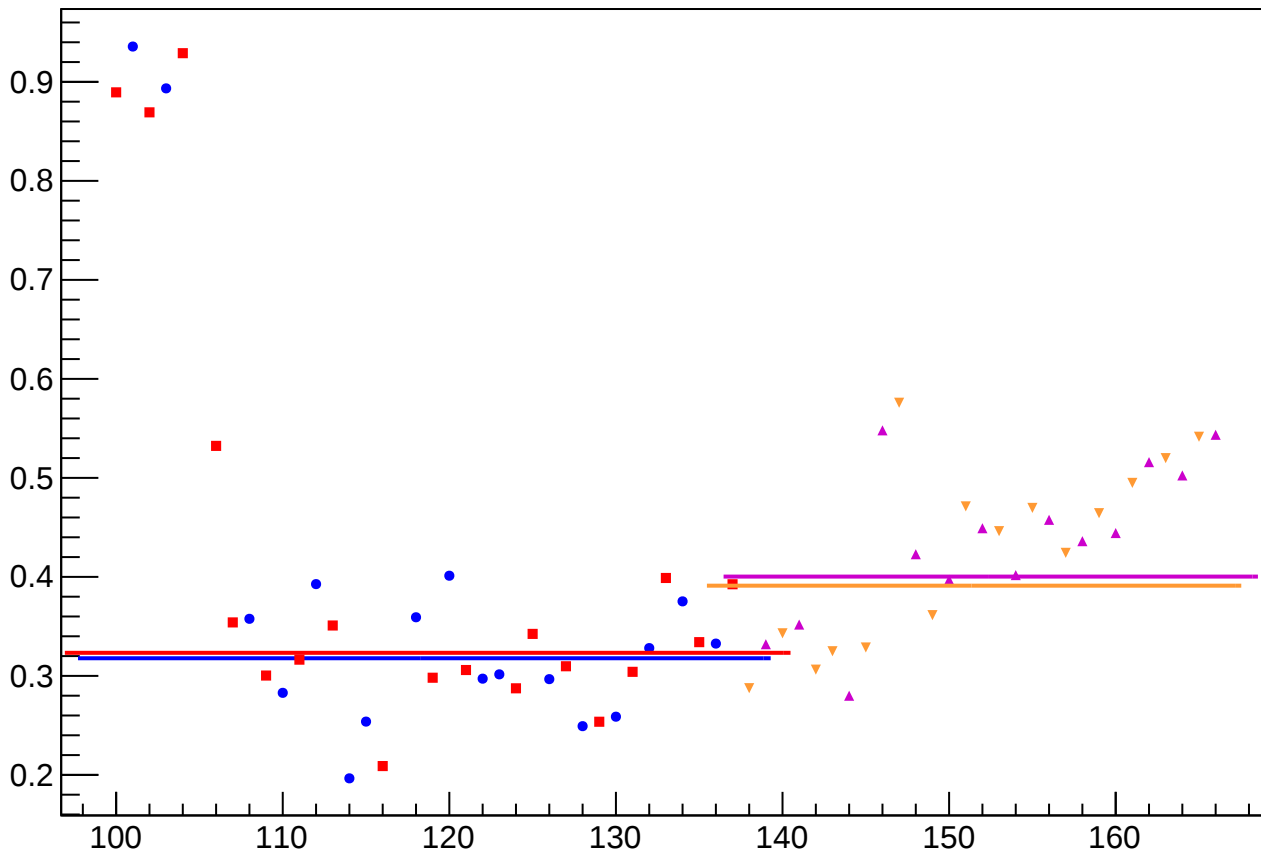
- sign 0.361 $\pm$ 0.000 χ^2 /NDF: 2323684.8/32

yield_bcm_an_ds3_mean vs Slug



Right In: 143.912 $\pm$ 0.000	χ^2 /NDF: 3587769790.2/16	+ sign 146.585 $\pm$ 0.000	χ^2 /NDF: 4342913138.4/31
Left Out: 148.780 $\pm$ 0.000	χ^2 /NDF: 39824944.1/14	All: 146.593 $\pm$ 0.000	χ^2 /NDF: 9272748432.3
Right Out: 144.640 $\pm$ 0.000	χ^2 /NDF: 4209610240.4/18	- sign 146.601 $\pm$ 0.000	χ^2 /NDF: 4929819621.2/32
Left In: 148.341 $\pm$ 0.000	χ^2 /NDF: 313900720.1/13		

yield_bcm_an_ds3_rms vs Slug



Right In: 0.318 ± 0.000 $\chi^2/\text{NDF}: 1268257.9/16$

Left Out: 0.391 ± 0.000 $\chi^2/\text{NDF}: 957496.4/14$

Right Out: 0.323 ± 0.000 $\chi^2/\text{NDF}: 122241.9/18$

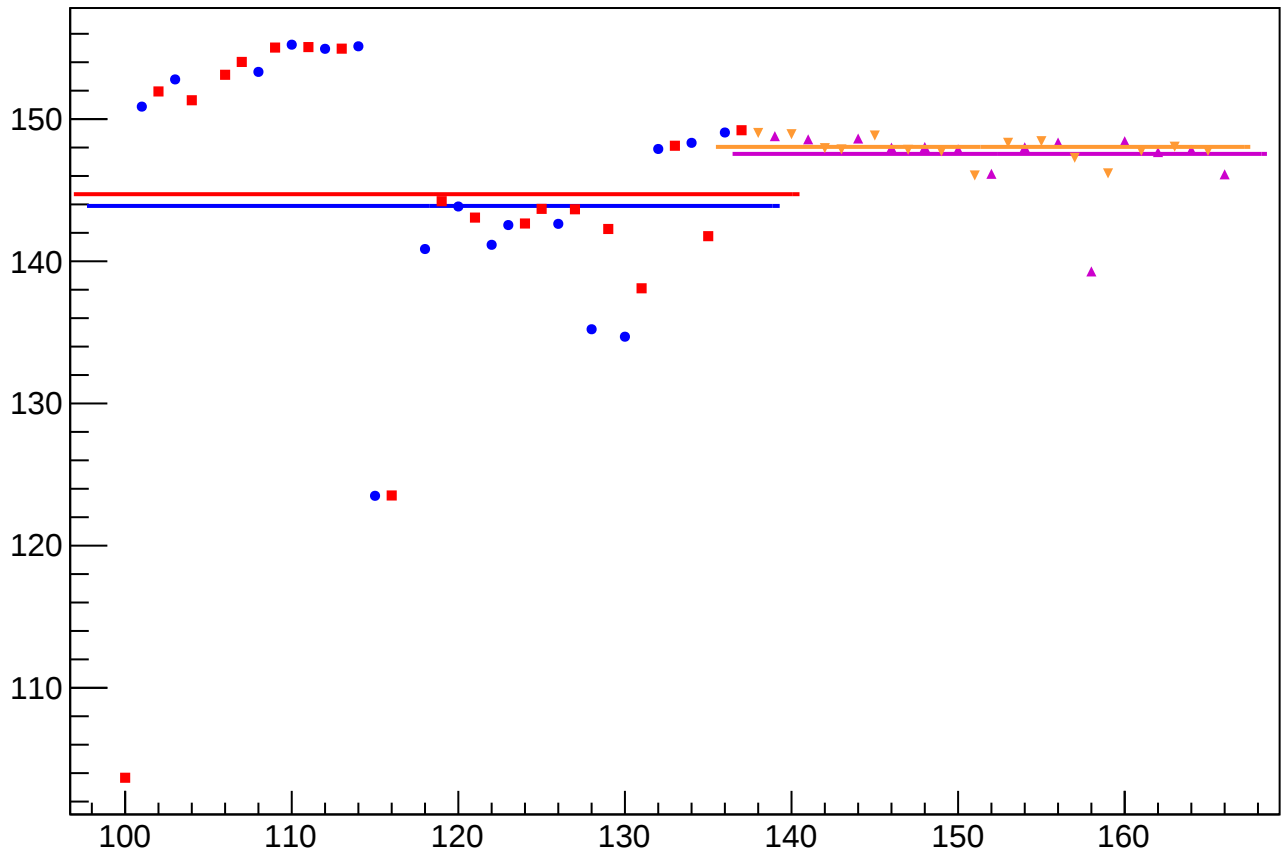
Left In: 0.400 ± 0.000 $\chi^2/\text{NDF}: 782910.3/13$

+ sign 0.358 ± 0.000 $\chi^2/\text{NDF}: 2550273.3/31$

All: 0.361 ± 0.000 $\chi^2/\text{NDF}: 4911625.2/64$

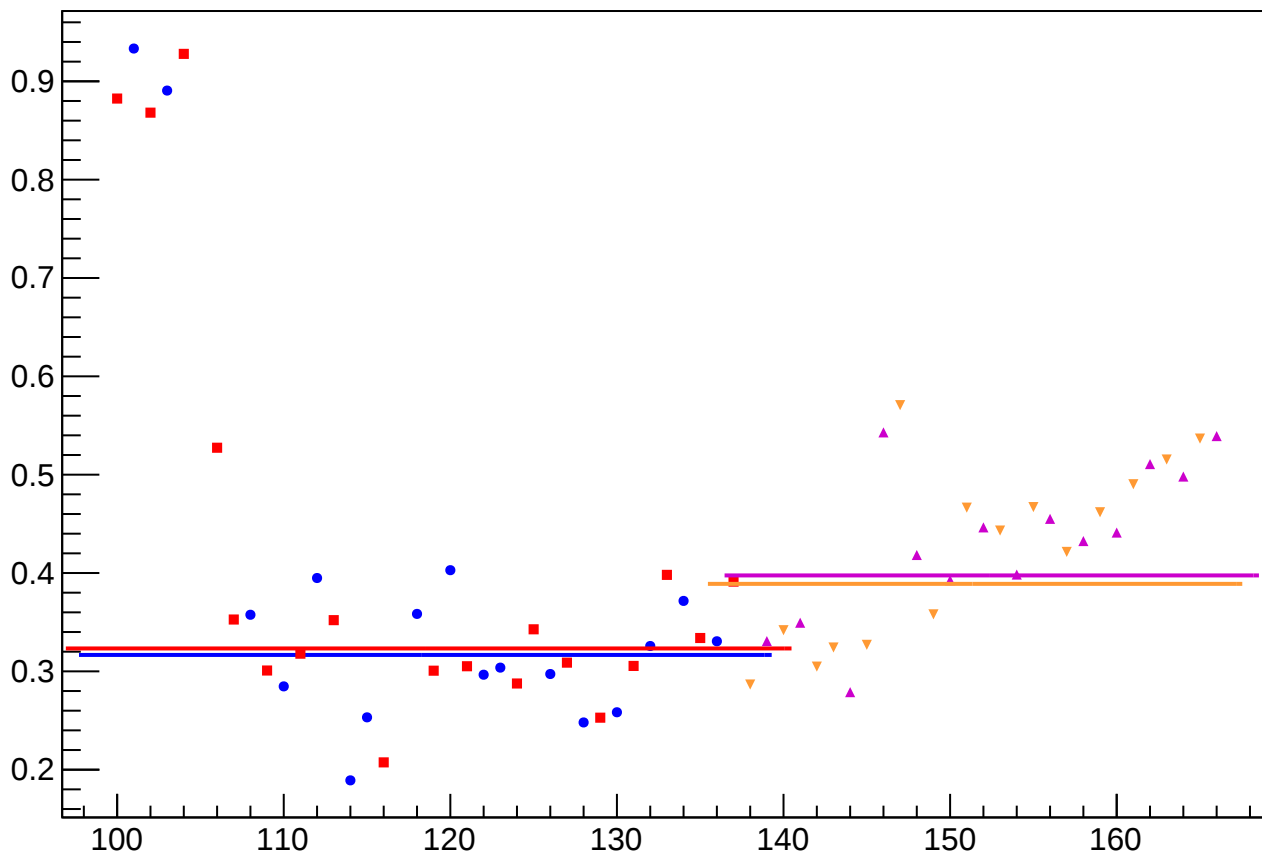
- sign 0.364 ± 0.000 $\chi^2/\text{NDF}: 2356959.8/32$

yield_bcm_an_us_mean vs Slug



Right In: 143.893+/-0.000	χ^2/NDF : 3752655677.2/16	+ sign 146.180+/-0.000	χ^2/NDF : 4326541870.7/31
Left Out: 148.046+/-0.000	χ^2/NDF : 49100484.6/14	All: 146.205+/-0.000	χ^2/NDF : 9363967617.3
Right Out: 144.719+/-0.000	χ^2/NDF : 4473225884.5/18	- sign 146.230+/-0.000	χ^2/NDF : 5037270358.2/32
Left In: 147.553+/-0.000	χ^2/NDF : 324004254.2/13		

yield_bcm_an_us_rms vs Slug



Right In: 0.317 $\pm$ 0.000 χ^2 /NDF: 1280358.6/16

Left Out: 0.389 $\pm$ 0.000 χ^2 /NDF:941361.9/14

Right Out: 0.323 $\pm$ 0.000 χ^2 /NDF: 1222784.7/18

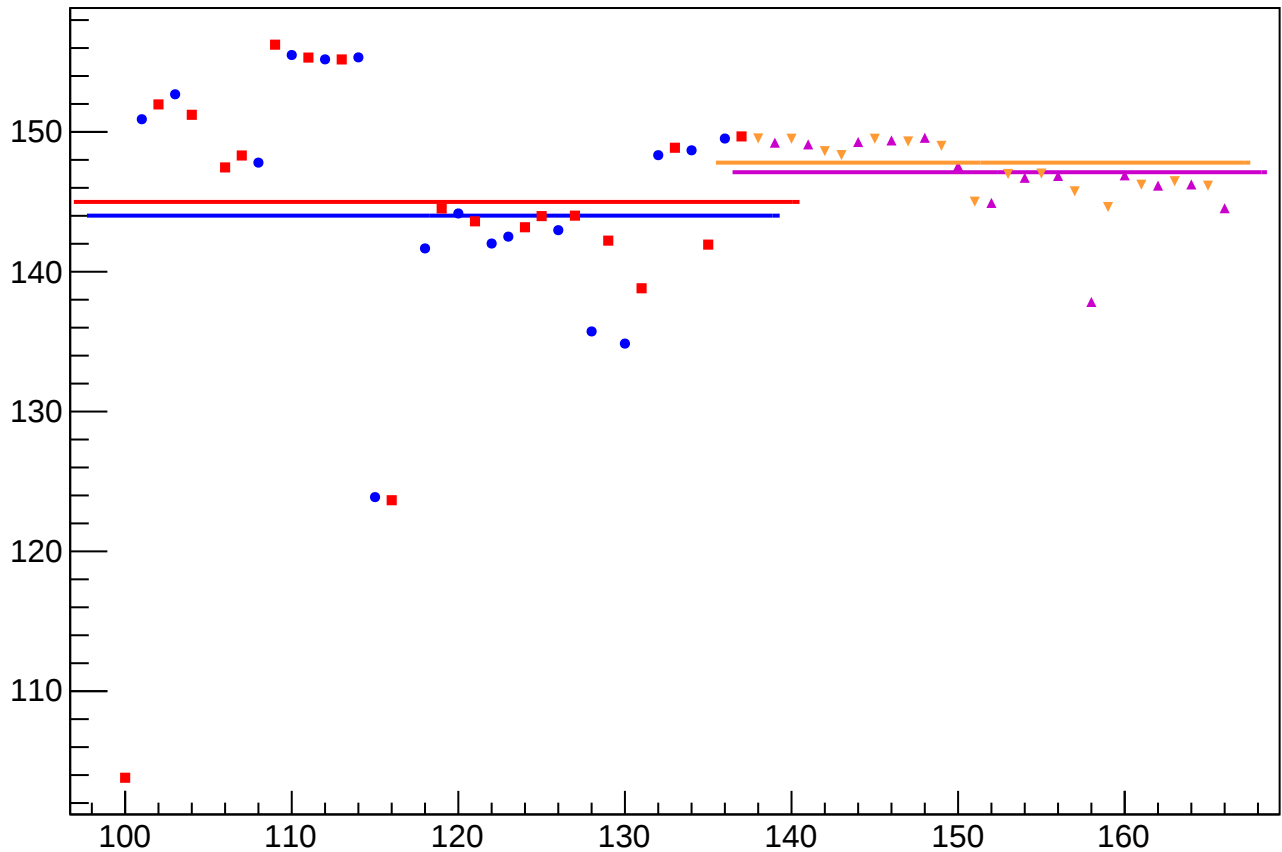
Left In: 0.398 $\pm$ 0.000 χ^2 /NDF:770831.4/13

+ sign 0.356 $\pm$ 0.000 χ^2 /NDF: 2539639.9/31

All: 0.360 $\pm$ 0.000 χ^2 /NDF: 4867830.1/64

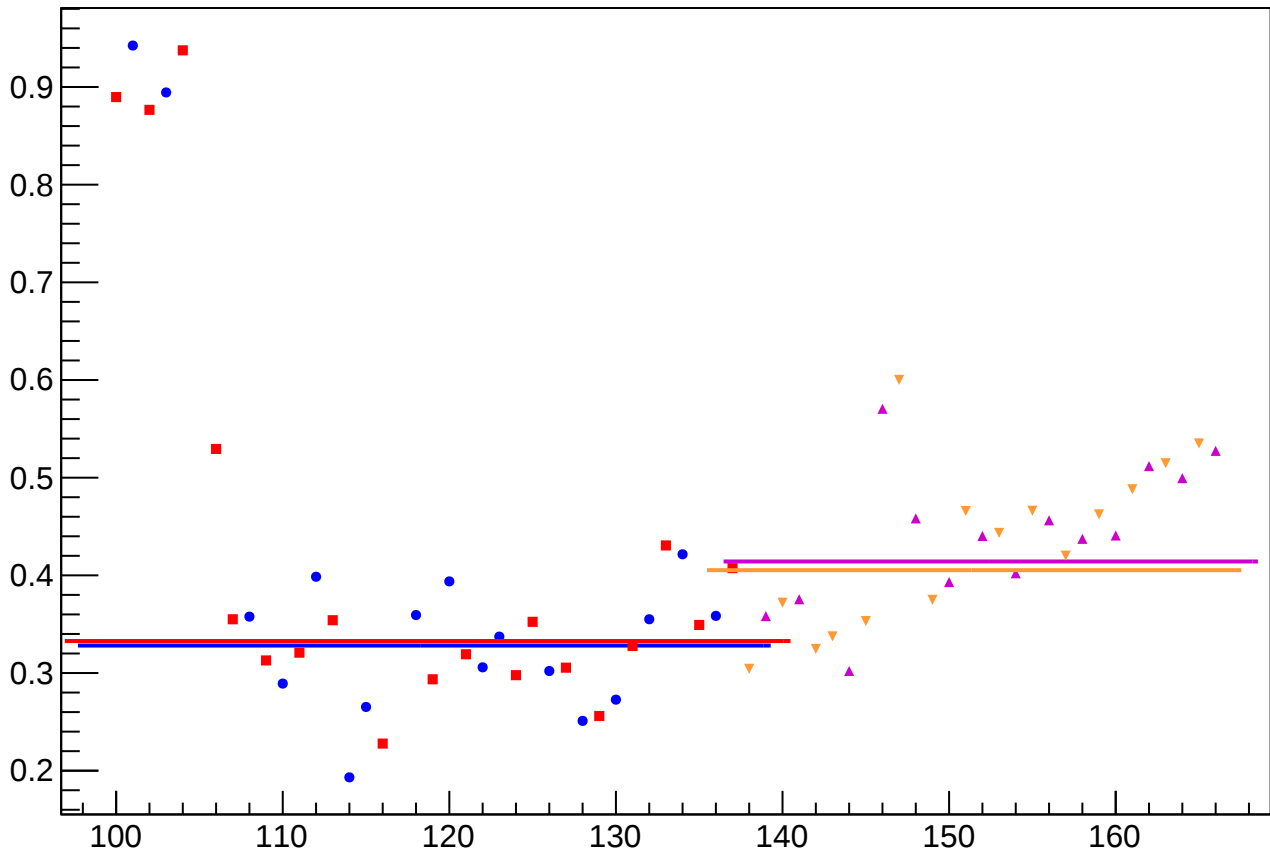
- sign 0.363 $\pm$ 0.000 χ^2 /NDF: 2323216.9/32

yield_bcm_dg_us_mean vs Slug



Right In: 144.012 $\pm$ 0.000	χ^2 /NDF: 3241696920.3/16	+ sign 146.098 $\pm$ 0.000	χ^2 /NDF: 3824703463.9/31
Left Out: 147.804 $\pm$ 0.000	χ^2 /NDF: 177245418.4/14	All: 146.108 $\pm$ 0.000	χ^2 /NDF: 8303133220.2
Right Out: 144.994 $\pm$ 0.000	χ^2 /NDF: 3852381452.1/18	- sign 146.118 $\pm$ 0.000	χ^2 /NDF: 4478405453.7/32
Left In: 147.118 $\pm$ 0.000	χ^2 /NDF: 499825446.9/13		

yield_bcm_dg_us_rms vs Slug



Right In: 0.328 ± 0.000 χ^2/NDF : 1265892.9/16

Left Out: 0.405 ± 0.000 χ^2/NDF : 736398.9/14

Right Out: 0.333 ± 0.000 χ^2/NDF : 1185129.6/18

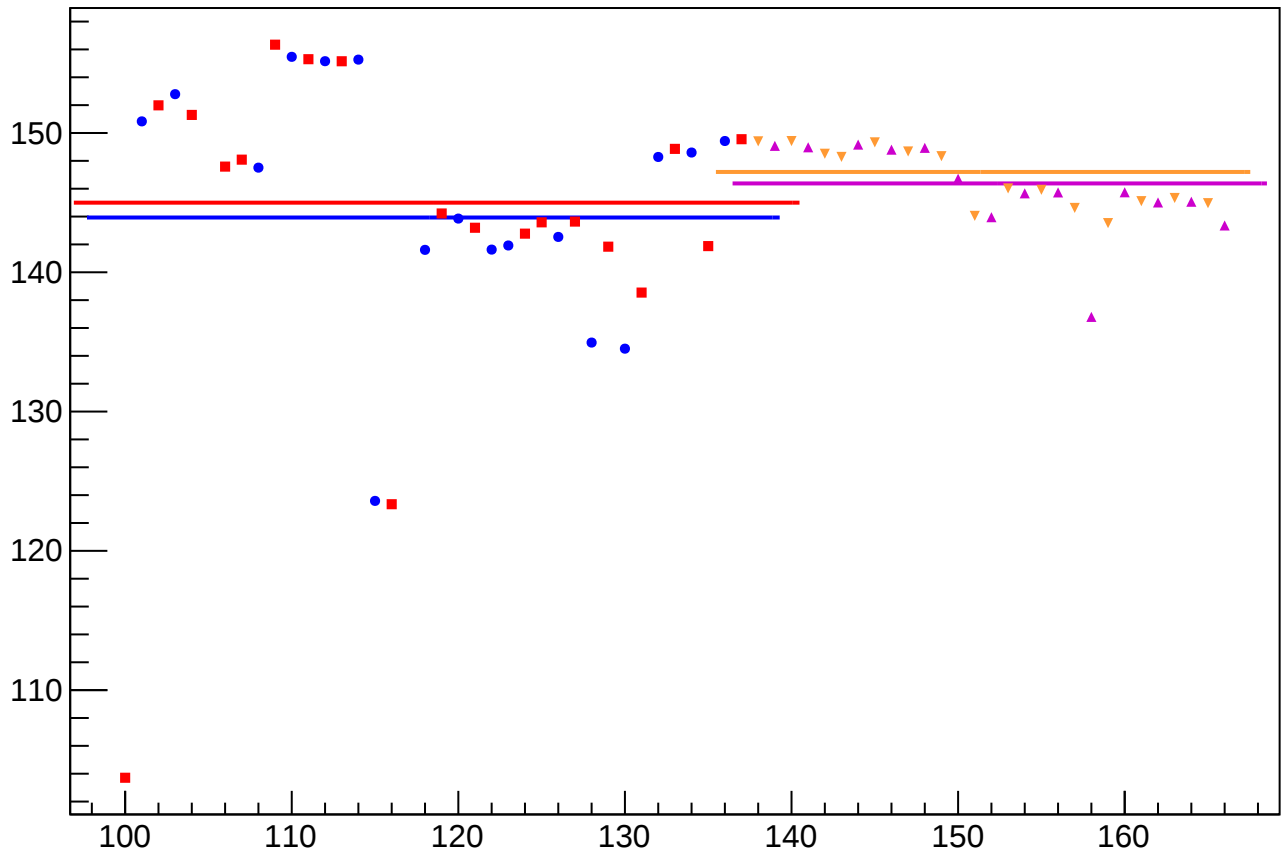
Left In: 0.414 ± 0.000 χ^2/NDF : 582350.9/13

+ sign 0.371 ± 0.000 χ^2/NDF : 2338465.1/31

All: 0.373 ± 0.000 χ^2/NDF : 4480041.8/64

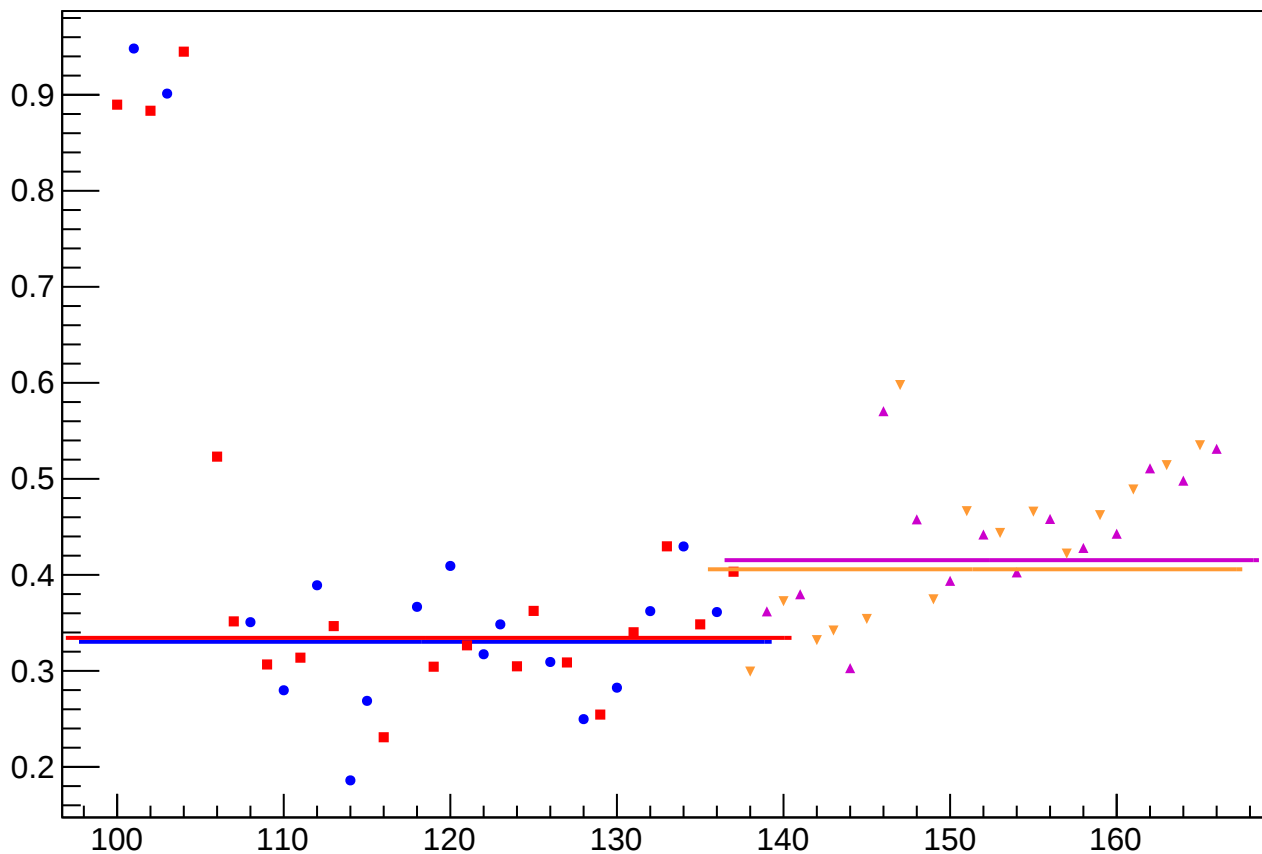
- sign 0.376 ± 0.000 χ^2/NDF : 2138385.8/32

yield_bcm_dg_ds_mean vs Slug



Right In: 143.932 $\pm$ 0.000	χ^2 /NDF: 3383012861.2/16	+ sign 145.742 $\pm$ 0.000	χ^2 /NDF: 3952846769.3/31
Left Out: 147.203 $\pm$ 0.000	χ^2 /NDF: 271206389.1/14	All: 145.736 $\pm$ 0.000	χ^2 /NDF: 8553476504.2
Right Out: 144.998 $\pm$ 0.000	χ^2 /NDF: 3932958476.0/18	- sign 145.731 $\pm$ 0.000	χ^2 /NDF: 4600622710.4/32
Left In: 146.379 $\pm$ 0.000	χ^2 /NDF: 614813801.7/13		

yield_bcm_dg_ds_rms vs Slug



Right In: 0.330 $\pm$ 0.000 χ^2 /NDF: 1283955.7/16

Left Out: 0.406 $\pm$ 0.000 χ^2 /NDF: 734371.4/14

Right Out: 0.334 $\pm$ 0.000 χ^2 /NDF: 1174012.0/18

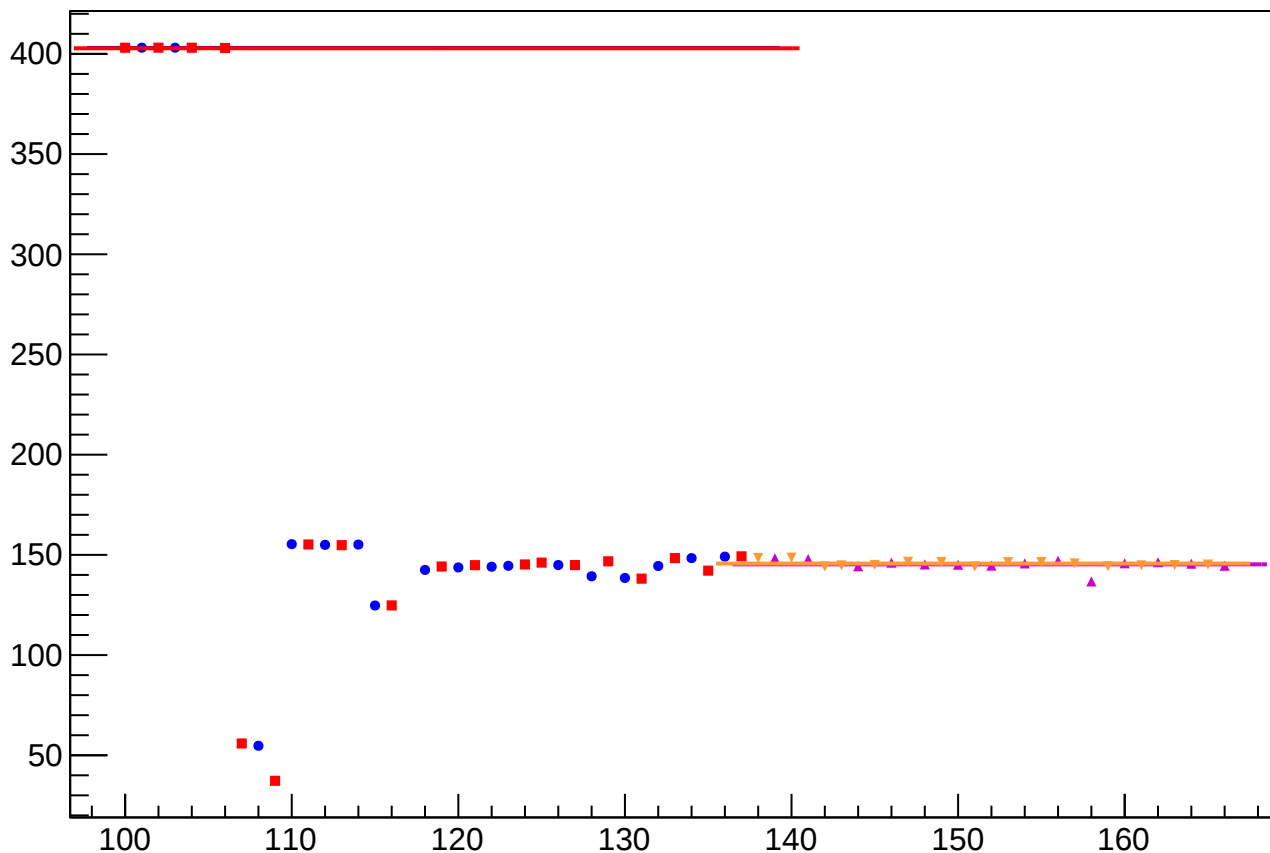
Left In: 0.415 $\pm$ 0.000 χ^2 /NDF: 567026.8/13

+ sign 0.372 $\pm$ 0.000 χ^2 /NDF: 2336537.1/31

All: 0.375 $\pm$ 0.000 χ^2 /NDF: 4443684.3/64

- sign 0.377 $\pm$ 0.000 χ^2 /NDF: 2104049.1/32

yield_cav4bQ_mean vs Slug



Right In: 402.958+/-0.000 χ^2/NDF : 1094364588383.4/16

Left Out: 145.669+/-0.000 χ^2/NDF : 40830239.6/14

Right Out: 402.799+/-0.000 χ^2/NDF : 3102036567767.5/18

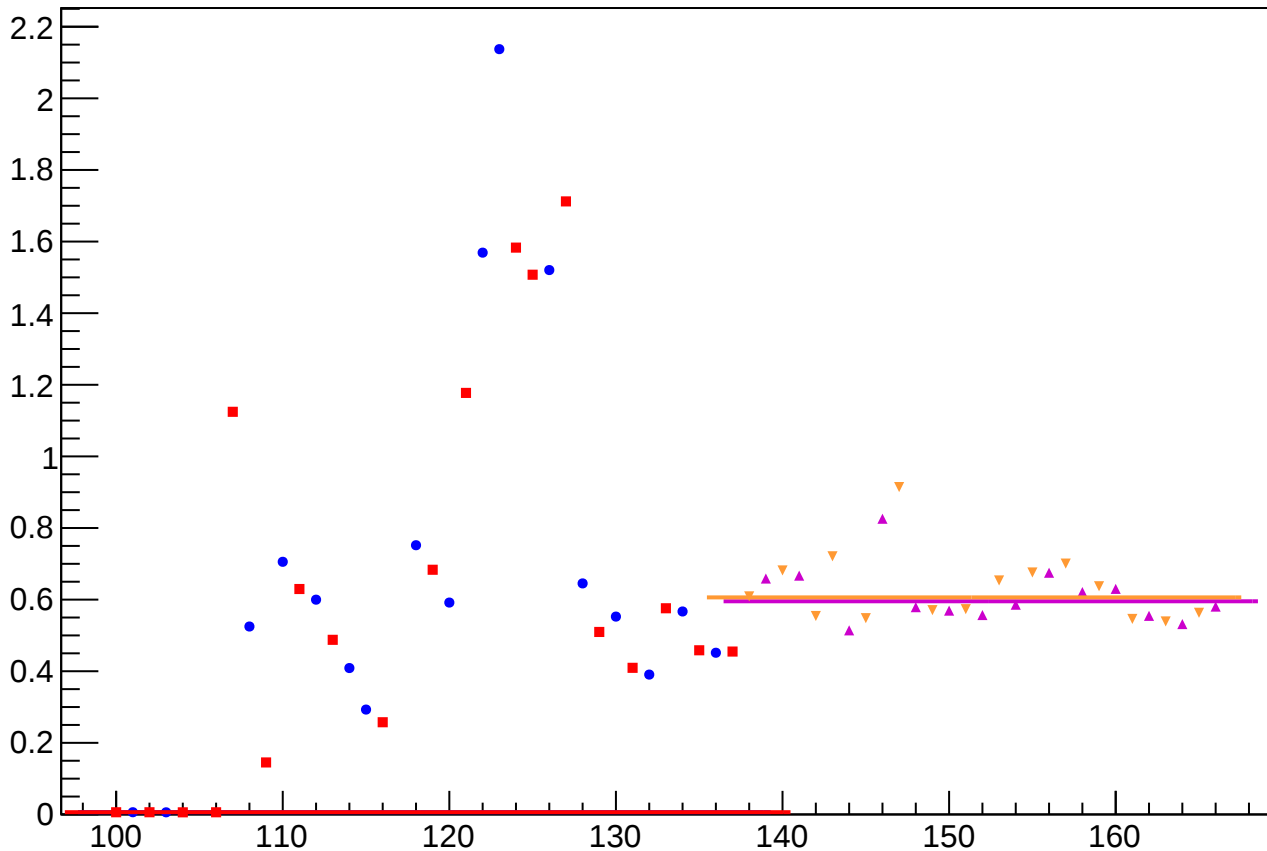
Left In: 145.271+/-0.000 χ^2/NDF : 130553742.5/13

+ sign 402.782+/-0.000 χ^2/NDF : 2503767336654.2

All: 402.706+/-0.000 χ^2/NDF : 704892460084

- sign 402.640+/-0.000 χ^2/NDF : 4544824376764.4

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 9079322.7/16

Left Out: 0.606+/-0.000 χ^2/NDF : 254786.9/14

Right Out: 0.006+/-0.000 χ^2/NDF : 9193355.5/18

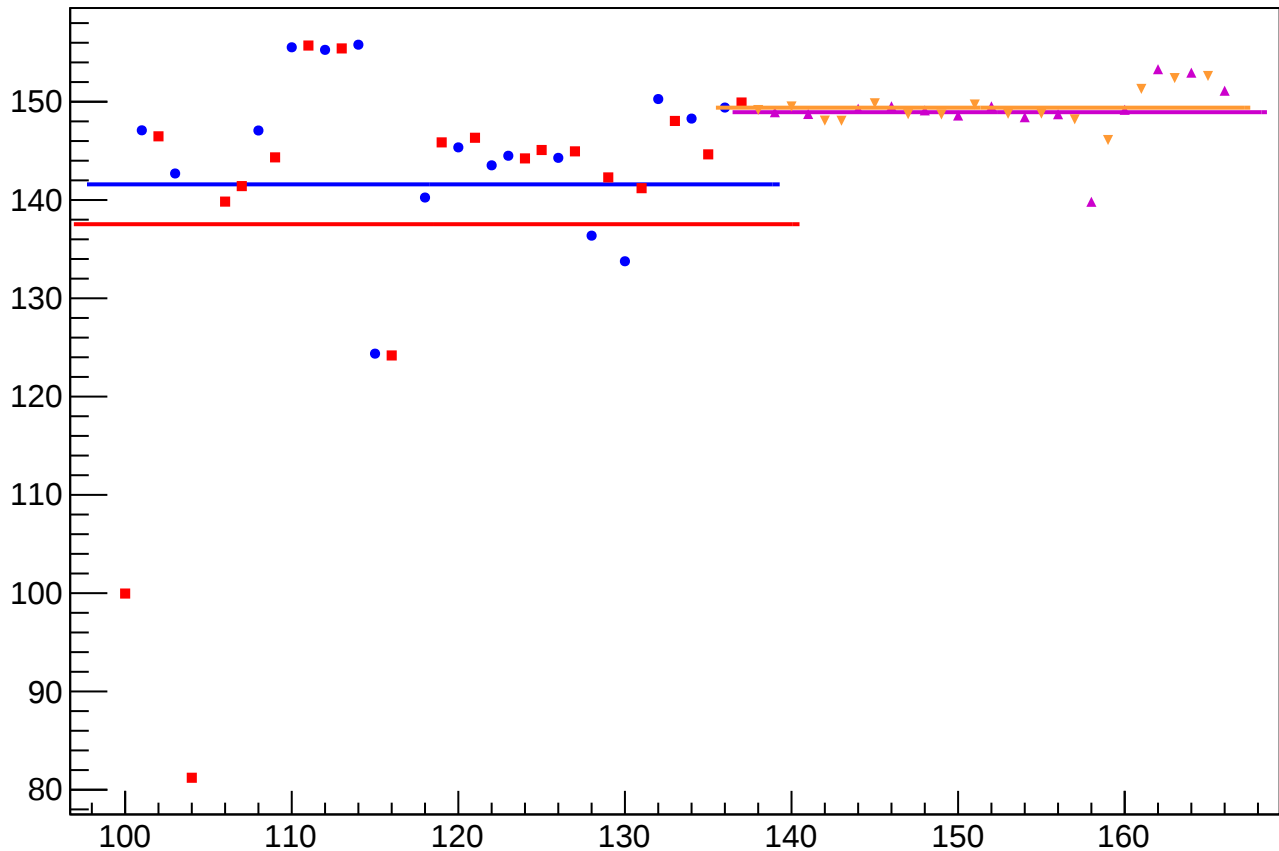
Left In: 0.595+/-0.000 χ^2/NDF : 187722.1/13

+ sign 0.007+/-0.000 χ^2/NDF : 24657026.5/31

All: 0.007+/-0.000 χ^2/NDF : 49132067.2/64

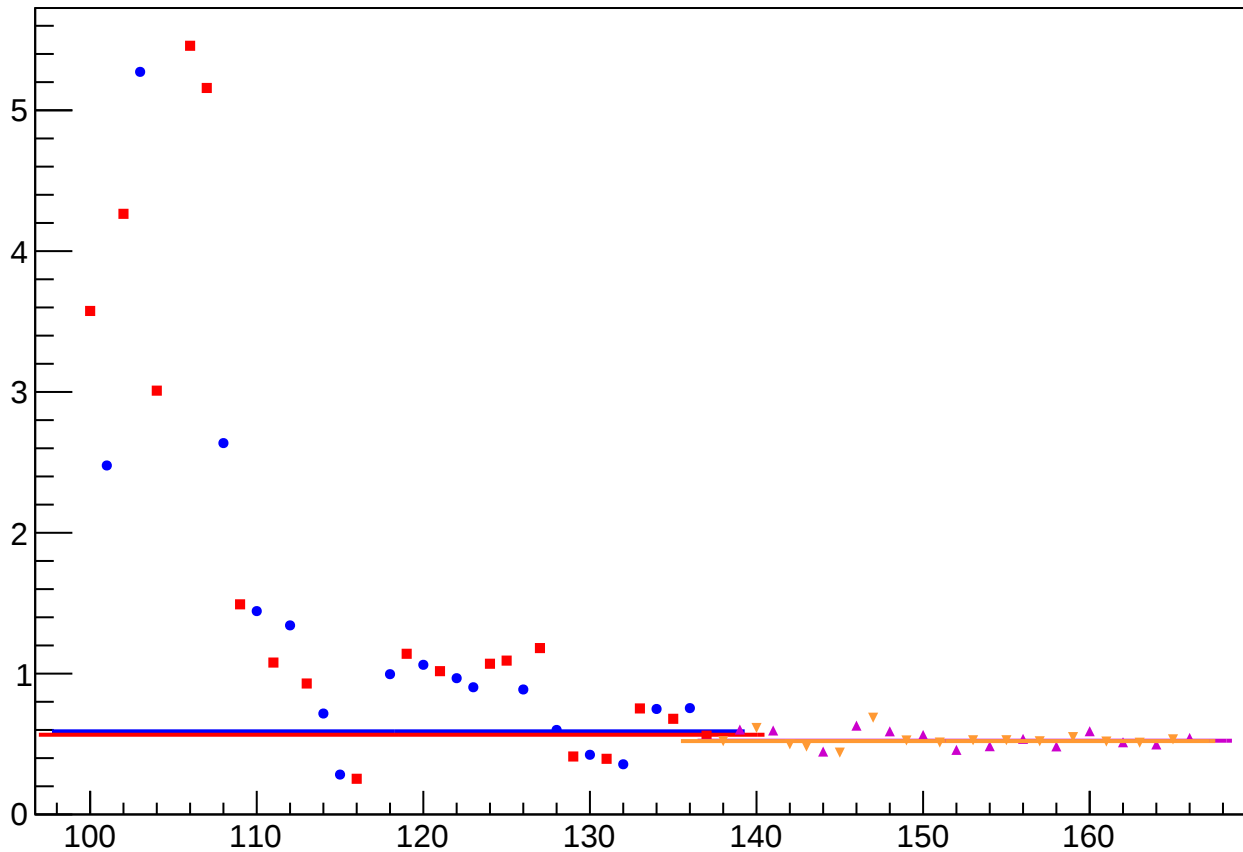
- sign 0.007+/-0.000 χ^2/NDF : 24474933.3/32

yield_cav4cQ_mean vs Slug



Right In: 141.593+/-0.000	χ^2/NDF : 980101868.2/16	+ sign 147.691+/-0.000	χ^2/NDF : 1564033958.6/31
Left Out: 149.396+/-0.000	χ^2/NDF : 103581306.8/14	All: 146.992+/-0.000	χ^2/NDF : 4347395901.1
Right Out: 137.539+/-0.000	χ^2/NDF : 1316096307.7/18	- sign 146.285+/-0.000	χ^2/NDF : 2737946519.6/32
Left In: 148.935+/-0.000	χ^2/NDF : 363051433.5/13		

yield_cav4cQ_rms vs Slug



Right In: 0.590 $\pm$ 0.000 χ^2 /NDF: 3491995.1/16

Left Out: 0.521 $\pm$ 0.000 χ^2 /NDF:169664.5/14

Right Out: 0.566 $\pm$ 0.000 χ^2 /NDF: 4683596.4/18

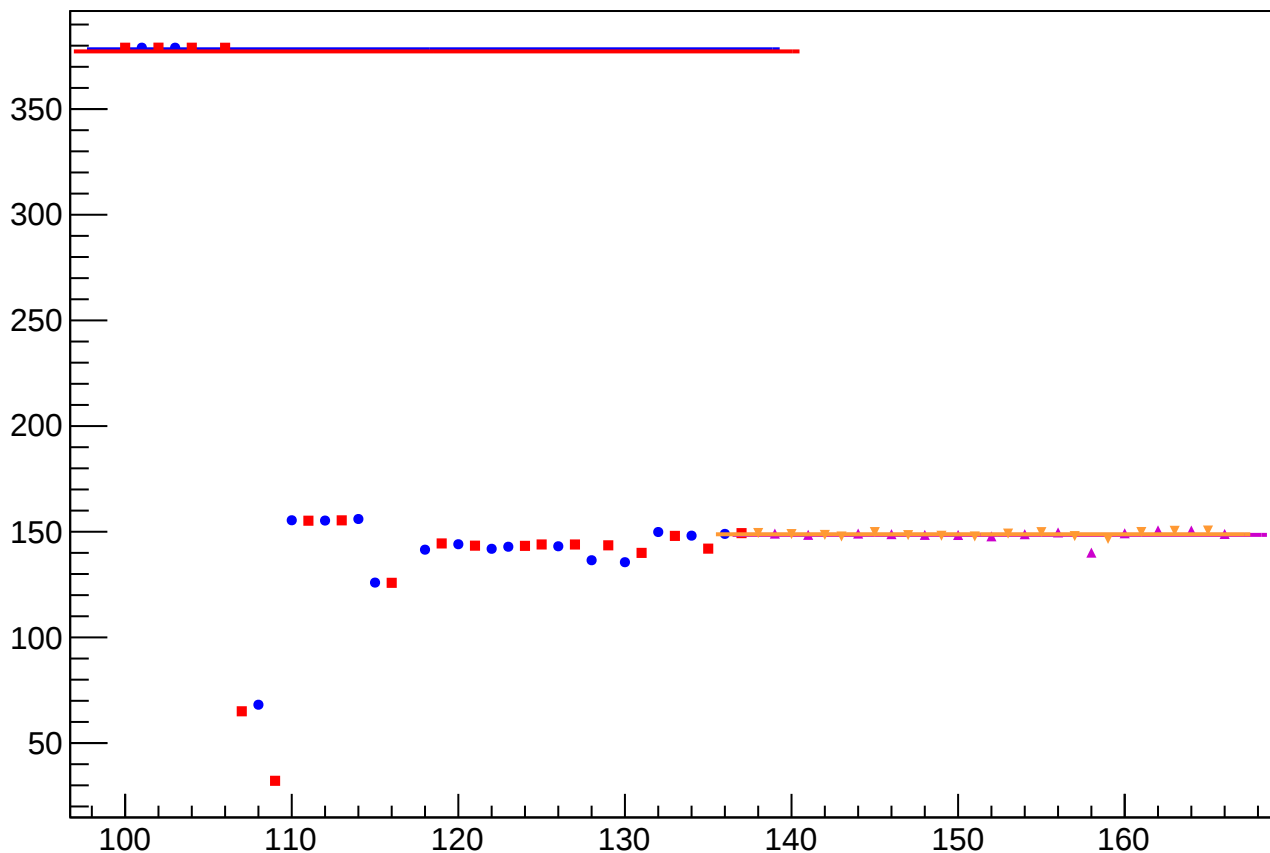
Left In: 0.524 $\pm$ 0.000 χ^2 /NDF:224195.6/13

+ sign 0.536 $\pm$ 0.000 χ^2 /NDF: 3737440.9/31

All: 0.535 $\pm$ 0.000 χ^2 /NDF: 8674894.9/64

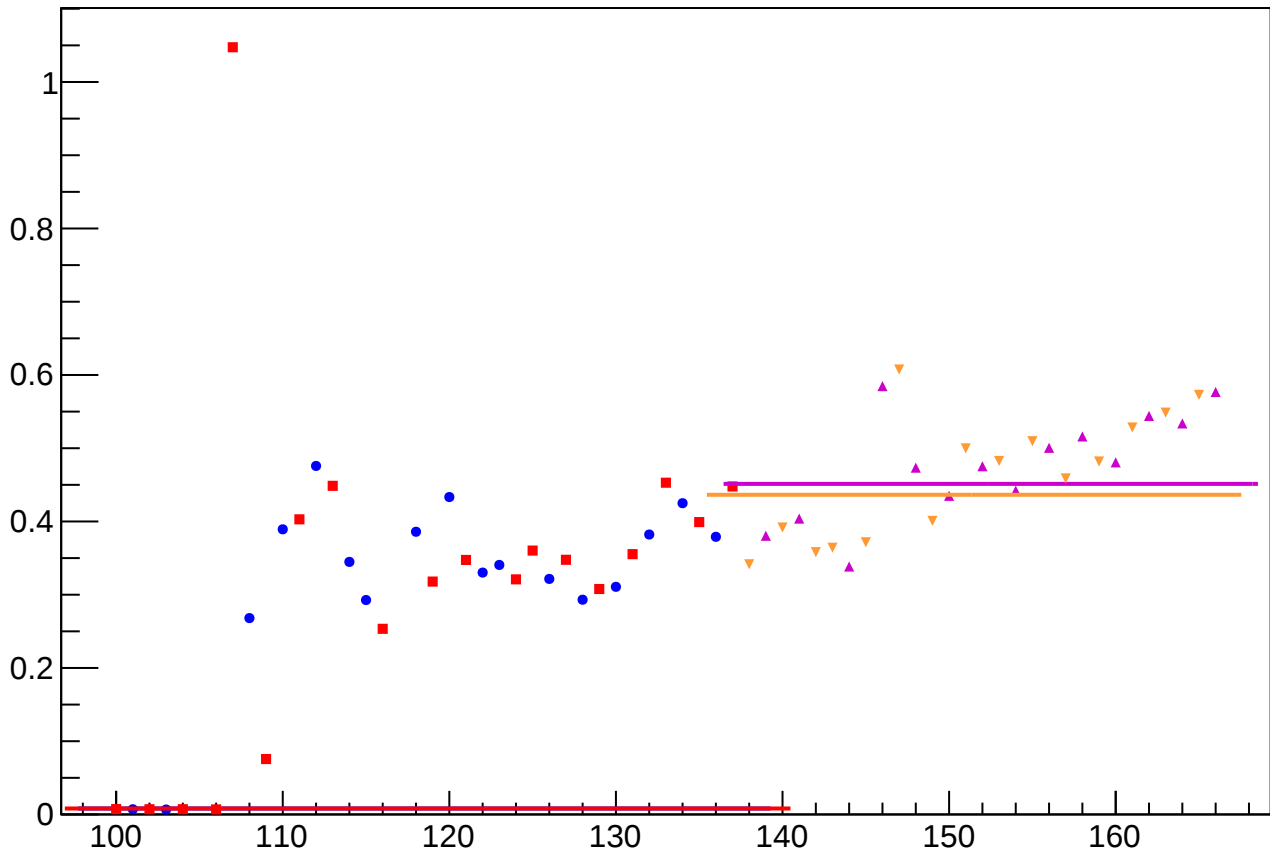
- sign 0.533 $\pm$ 0.000 χ^2 /NDF: 4937145.9/32

yield_cav4dQ_mean vs Slug



Right In: 378.283+/-0.000 χ^2/NDF : 2508313421453.8/16
 Left Out: 148.795+/-0.000 χ^2/NDF : 57486667.1/14
 Right Out: 377.287+/-0.000 χ^2/NDF : 8286303106836.4/18
 Left In: 148.517+/-0.000 χ^2/NDF : 233247656.8/13
 + sign 377.342+/-0.000 χ^2/NDF : 5381734830287.7
 All: 376.909+/-0.000 χ^2/NDF : 163097802783
 - sign 376.528+/-0.000 χ^2/NDF : 10923322521812.9

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 9806719.4/16

Left Out: 0.436+/-0.000 χ^2/NDF : 661339.0/14

Right Out: 0.008+/-0.000 χ^2/NDF : 9522827.2/18

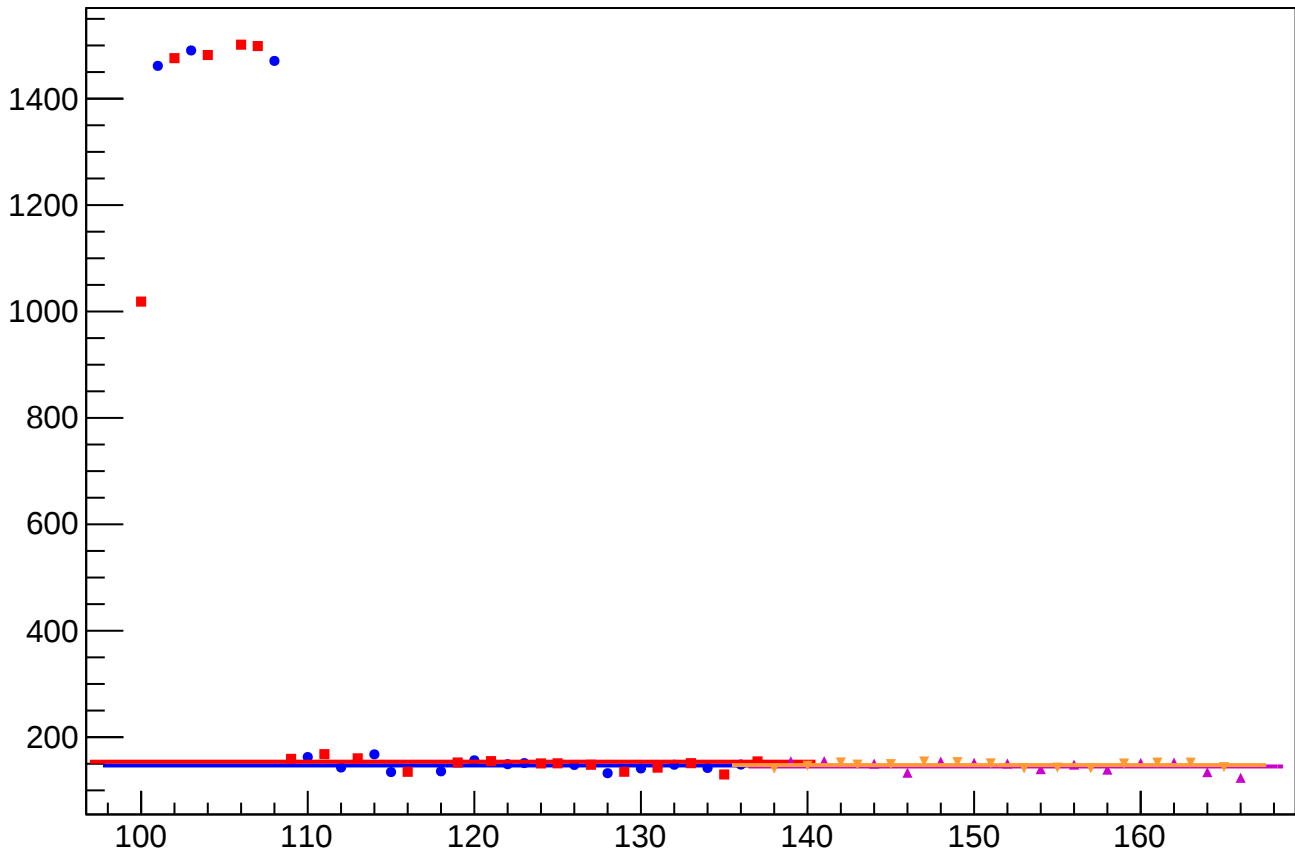
Left In: 0.451+/-0.000 χ^2/NDF : 518680.1/13

+ sign 0.010+/-0.000 χ^2/NDF : 30487264.2/31

All: 0.010+/-0.000 χ^2/NDF : 60321081.2/64

- sign 0.010+/-0.000 χ^2/NDF : 29832860.0/32

yield_bcm0l02_mean vs Slug



Right In: 146.819 $\pm$ 0.000 χ^2 /NDF: 24360774977.7/16

Left Out: 147.517 $\pm$ 0.000 χ^2 /NDF: 253909128.5/14

Right Out: 153.901 $\pm$ 0.000 χ^2 /NDF: 33737565970.8/18

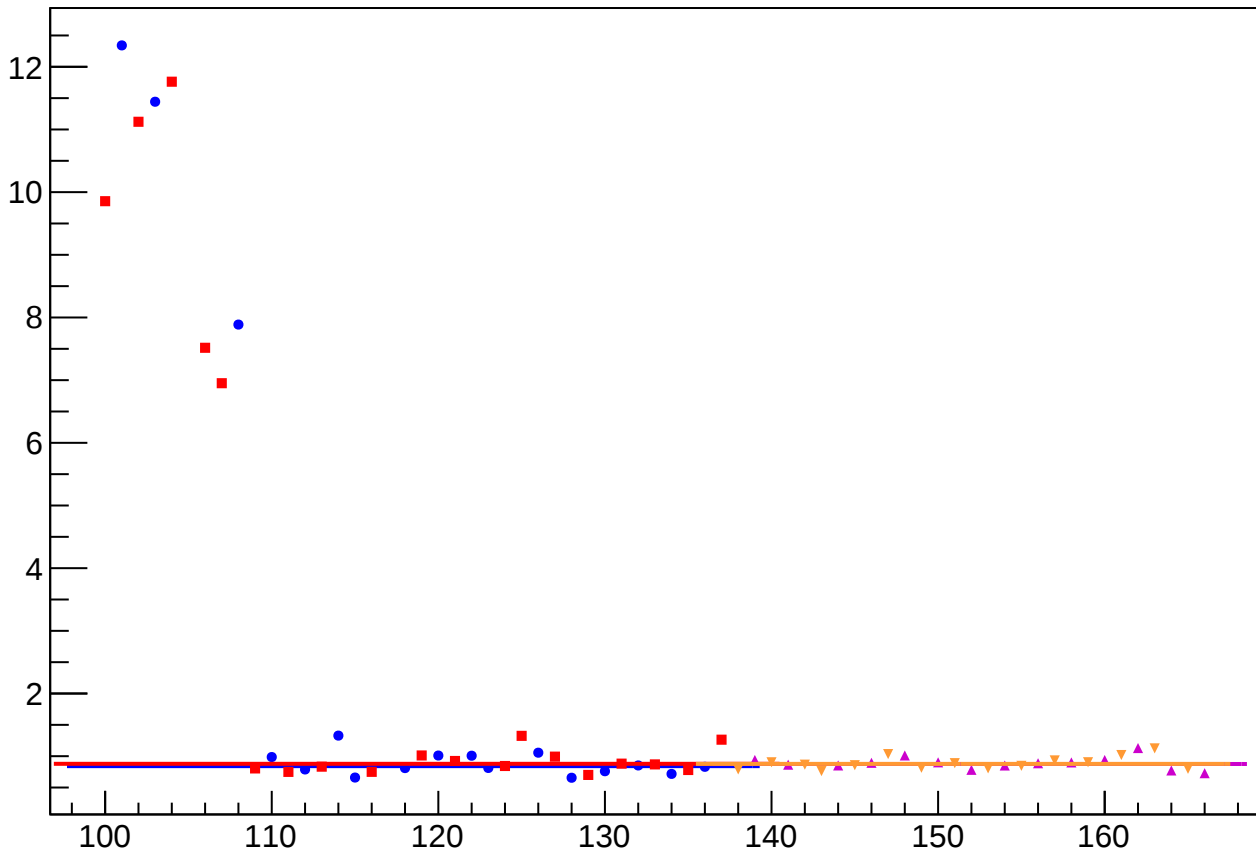
Left In: 144.914 $\pm$ 0.000 χ^2 /NDF: 1086904493.4/13

+ sign 147.295 $\pm$ 0.000 χ^2 /NDF: 24616450981.6/31

All: 147.523 $\pm$ 0.000 χ^2 /NDF: 59734944259.0

- sign 147.751 $\pm$ 0.000 χ^2 /NDF: 35116754996.3/32

yield_bcm0l02_rms vs Slug



Right In: 0.841 ± 0.000 χ^2/NDF : 2662395.1/16

Left Out: 0.877 ± 0.000 χ^2/NDF : 194499.7/14

Right Out: 0.878 ± 0.000 χ^2/NDF : 2814626.6/18

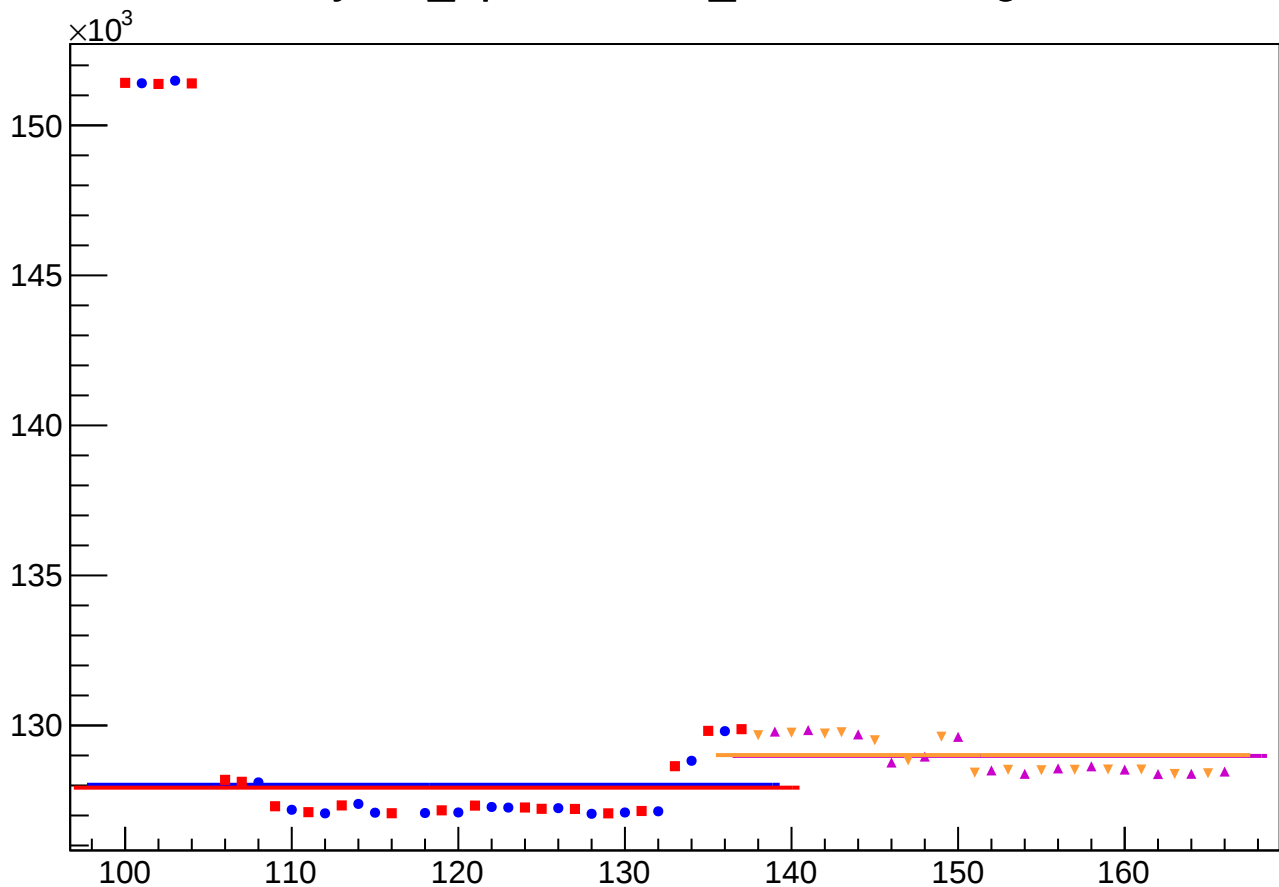
Left In: 0.876 ± 0.000 χ^2/NDF : 187485.8/13

+ sign 0.866 ± 0.000 χ^2/NDF : 2866225.4/31

All: 0.871 ± 0.000 χ^2/NDF : 5870334.8/64

- sign 0.876 ± 0.000 χ^2/NDF : 3002168.2/32

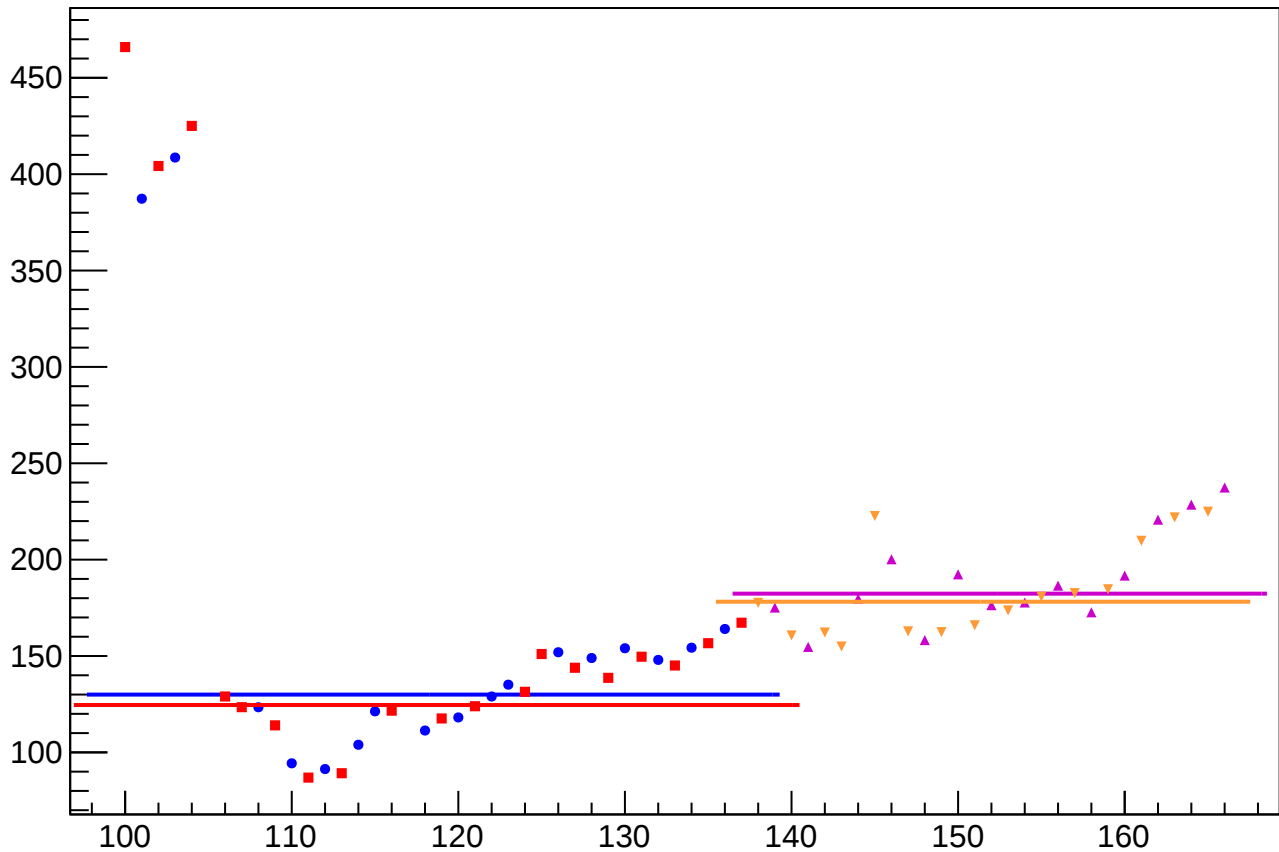
yield_bpm2i01WS_mean vs Slug



Right In: 128023.527 ± 0.055 $\chi^2/\text{NDF}: 4316540586.9/16$
 Left Out: 129012.804 ± 0.054 $\chi^2/\text{NDF}: 114781589.8/14$
 Right Out: 127927.471 ± 0.050 $\chi^2/\text{NDF}: 3767047216.9/18$
 Left In: 128985.222 ± 0.056 $\chi^2/\text{NDF}: 104444164.4/13$

+ sign 128522.681 ± 0.038 $\chi^2/\text{NDF}: 4597337460.3$
 All: 128460.286 ± 0.027 $\chi^2/\text{NDF}: 867135163$
 - sign 128400.939 ± 0.037 $\chi^2/\text{NDF}: 4068859501.0$

yield_bpm2i01WS_rms vs Slug



Right In: 129.980 ± 0.039 χ^2/NDF : 1485519.5/16

Left Out: 178.160 ± 0.038 χ^2/NDF : 307328.1/14

Right Out: 124.566 ± 0.036 χ^2/NDF : 1531273.9/18

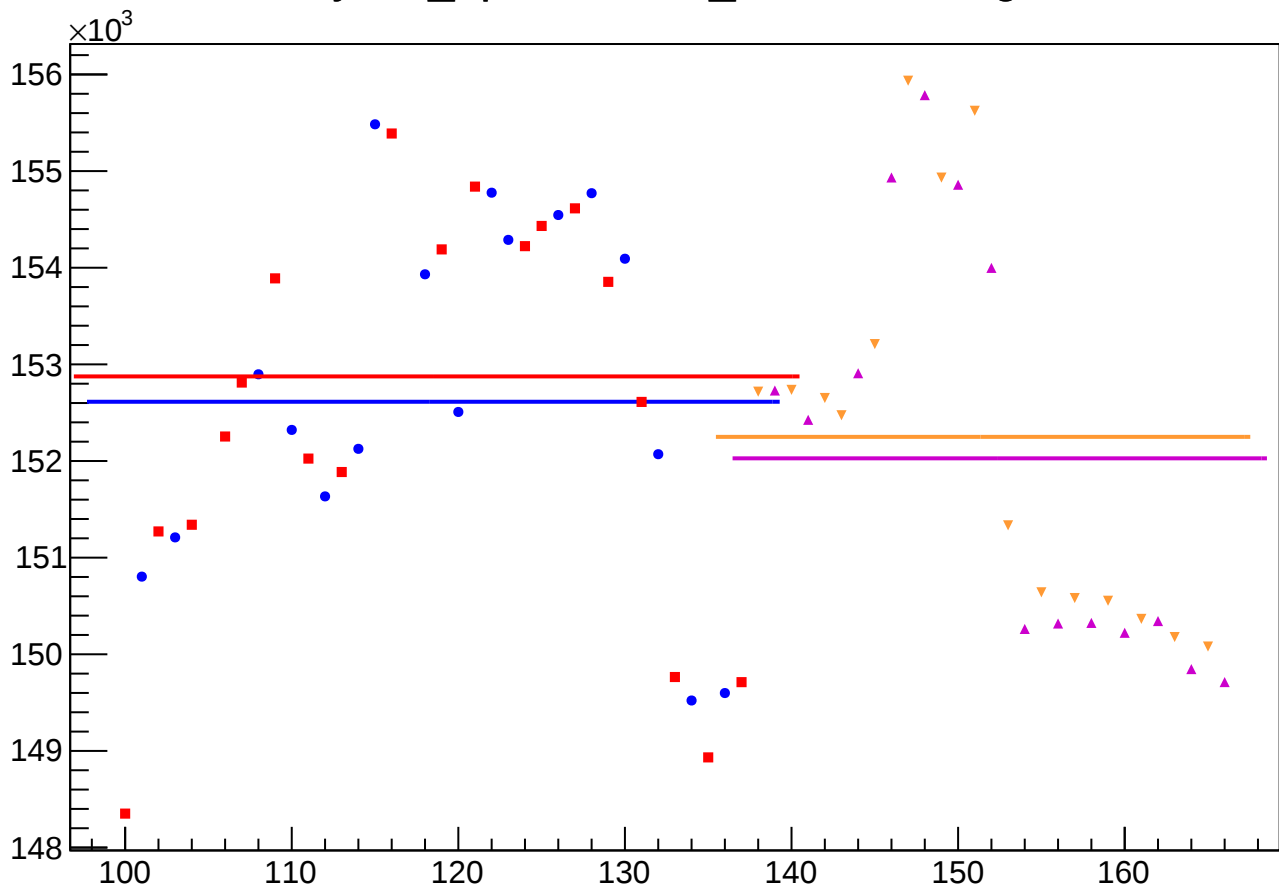
Left In: 182.354 ± 0.040 χ^2/NDF : 275804.4/13

+ sign 154.290 ± 0.027 χ^2/NDF : 2580417.5/31

All: 152.313 ± 0.019 χ^2/NDF : 5576036.0/64

- sign 150.433 ± 0.026 χ^2/NDF : 2985272.0/32

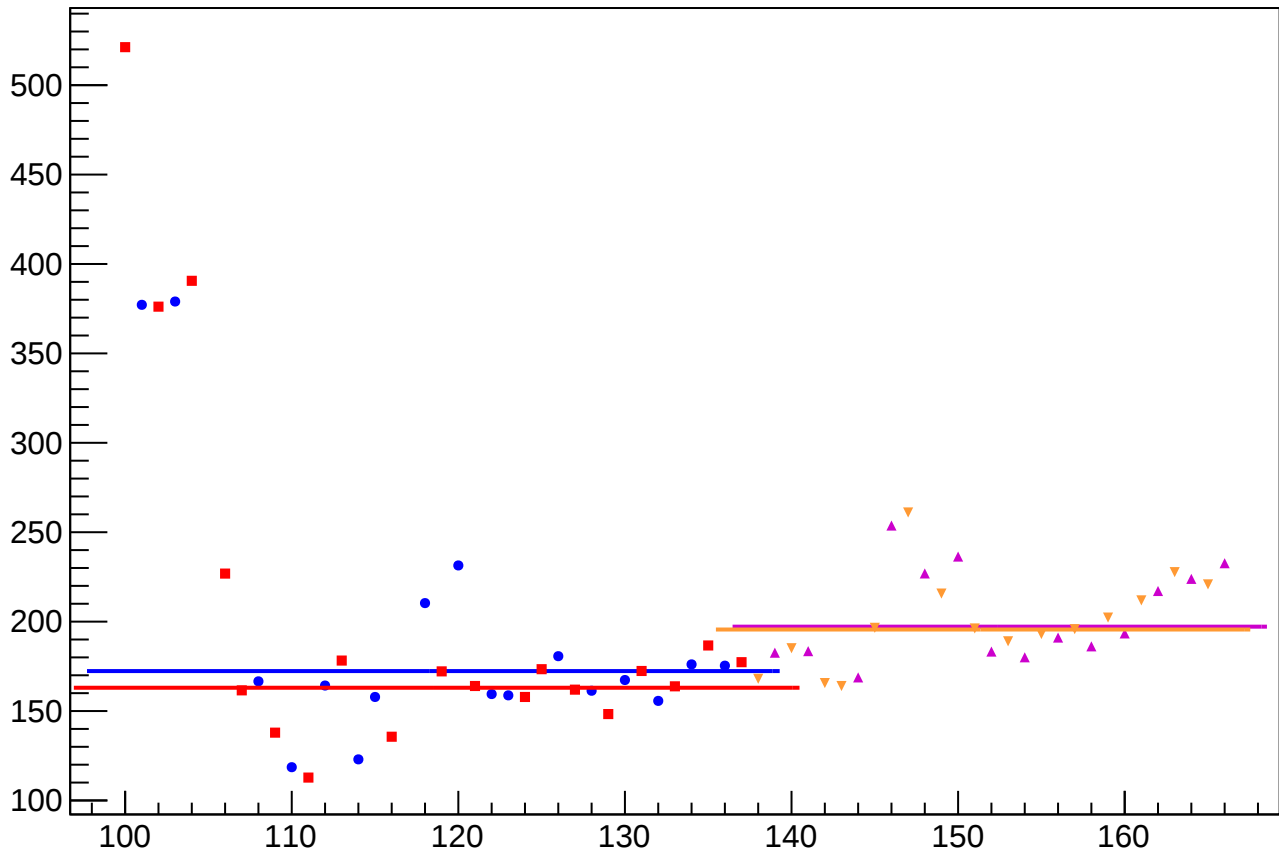
yield_bpm0i07WS_mean vs Slug



Right In: 152613.122 ± 0.072 $\chi^2/\text{NDF}: 623356098.4/16$
 Left Out: 152249.818 ± 0.059 $\chi^2/\text{NDF}: 913985083.6/14$
 Right Out: 152875.313 ± 0.066 $\chi^2/\text{NDF}: 716358700.9/18$
 Left In: 152027.595 ± 0.061 $\chi^2/\text{NDF}: 1003198797.8/13$

+ sign 152396.598 ± 0.046 $\chi^2/\text{NDF}: 1552403951.4$
 All: 152405.928 ± 0.032 $\chi^2/\text{NDF}: 336113483$
 - sign 152414.777 ± 0.045 $\chi^2/\text{NDF}: 1808650475.8/13$

yield_bpm0i07WS_rms vs Slug



Right In: 172.351 $\pm$ 0.051 χ^2 /NDF: 921911.1/16

Left Out: 195.592 $\pm$ 0.042 χ^2 /NDF: 290434.5/14

+ sign 186.202 $\pm$ 0.032 χ^2 /NDF: 1335625.5/31

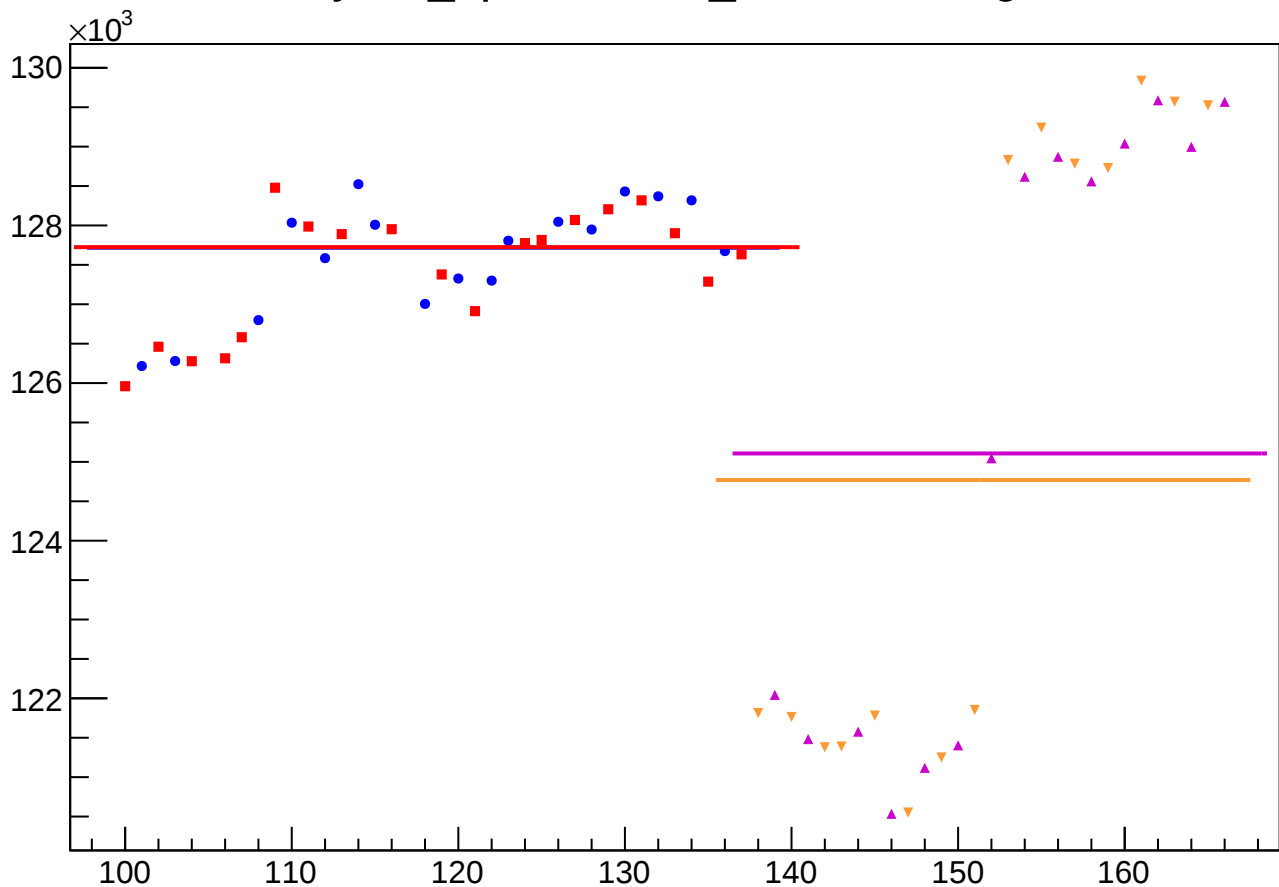
Right Out: 163.029 $\pm$ 0.047 χ^2 /NDF: 1032736.0/18

All: 183.834 $\pm$ 0.023 χ^2 /NDF: 2973277.4/64

- sign 181.587 $\pm$ 0.032 χ^2 /NDF: 1627290.4/32

Left In: 197.189 $\pm$ 0.043 χ^2 /NDF: 305227.5/13

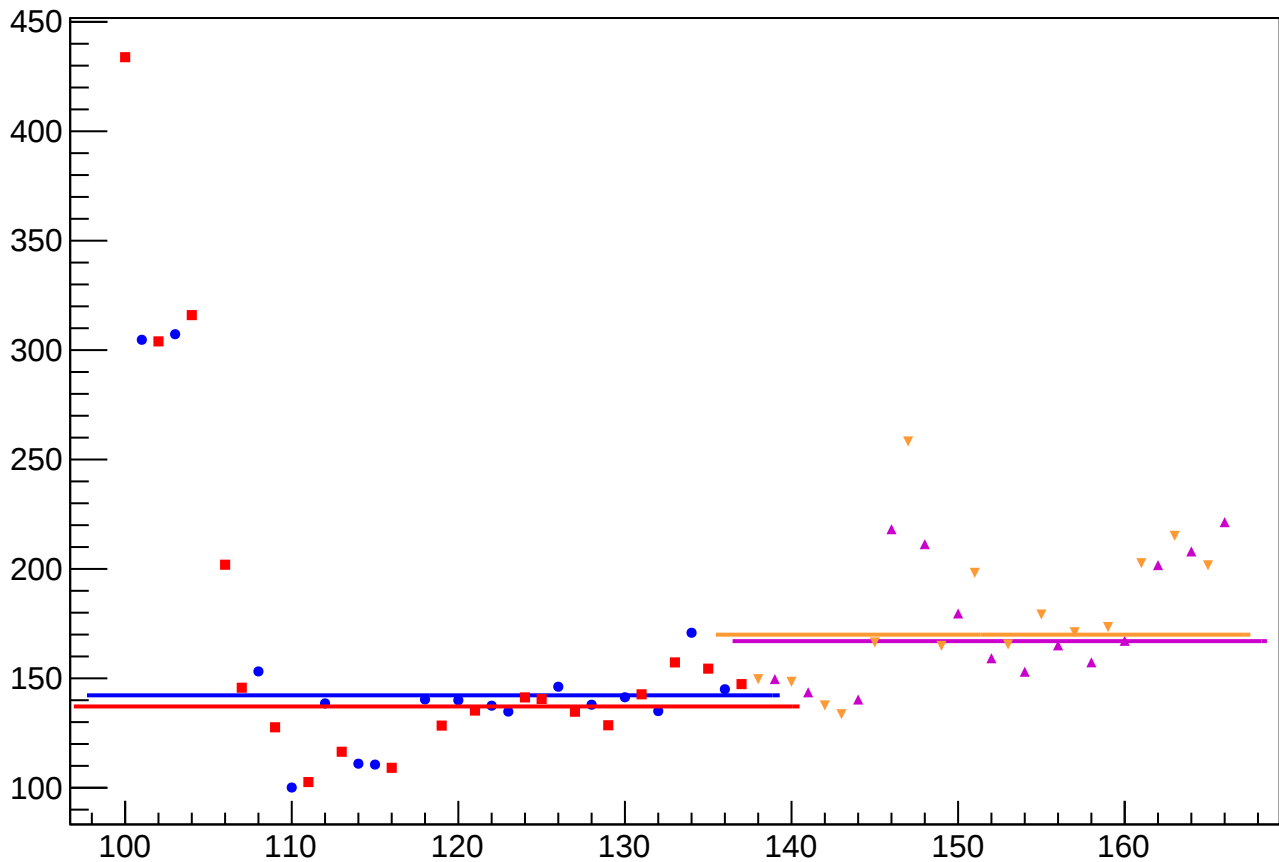
yield_bpm0l01WS_mean vs Slug



Right In: 127717.888 ± 0.058 $\chi^2/\text{NDF}: 95177660.2/16$
 Left Out: 124769.732 ± 0.052 $\chi^2/\text{NDF}: 5195362902.4/14$
 Right Out: 127724.519 ± 0.055 $\chi^2/\text{NDF}: 112550604.4/18$
 Left In: 125106.934 ± 0.052 $\chi^2/\text{NDF}: 4777788818.2/13$

+ sign 126085.611 ± 0.039 $\chi^2/\text{NDF}: 6707108415.5$
 All: 126222.149 ± 0.027 $\chi^2/\text{NDF}: 128322443$
 - sign 126349.187 ± 0.038 $\chi^2/\text{NDF}: 6101401102.0$

yield_bpm0l01WS_rms vs Slug



Right In: 142.240 ± 0.041 χ^2/NDF : 836415.1/16

Left Out: 169.967 ± 0.037 χ^2/NDF : 557700.6/14

Right Out: 137.151 ± 0.039 χ^2/NDF : 957730.8/18

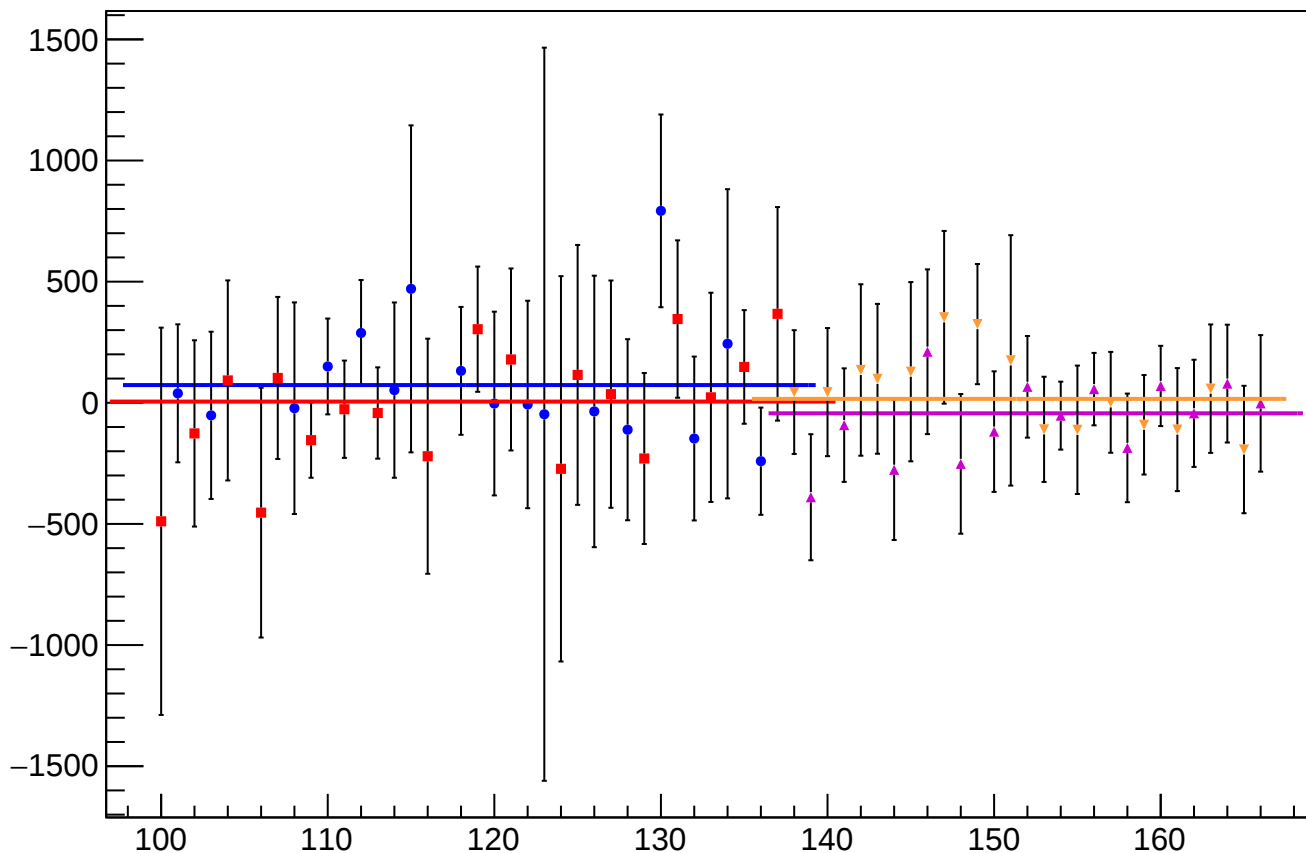
Left In: 167.002 ± 0.037 χ^2/NDF : 465334.3/13

+ sign 157.591 ± 0.028 χ^2/NDF : 1644704.5/31

All: 155.128 ± 0.019 χ^2/NDF : 3398224.1/64

- sign 152.835 ± 0.027 χ^2/NDF : 1738064.6/32

asym_bcm_an_ds_mean vs Slug



Right In: 73.109+/-79.604 χ^2/NDF : 7.9/16

Left Out: 16.132+/-69.055 χ^2/NDF : 4.6/14

Right Out: 5.021+/-70.098 χ^2/NDF : 7.1/18

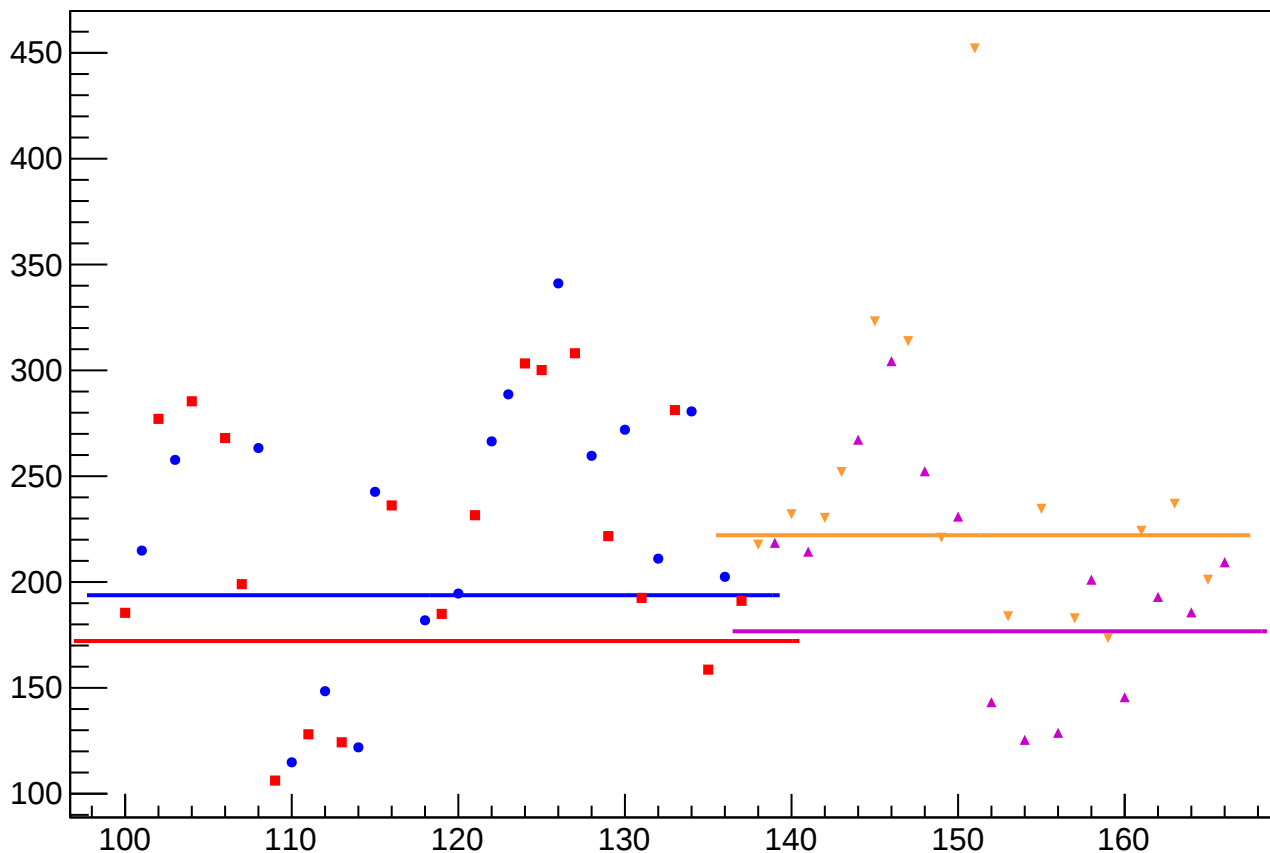
Left In: -43.347+/-57.136 χ^2/NDF : 5.5/13

+ sign 40.598+/-52.163 χ^2/NDF : 12.7/31

All: 3.036+/-33.761 χ^2/NDF : 26.5/64

- sign -24.040+/-44.288 χ^2/NDF : 12.9/32

asym_bcm_an_ds_rms vs Slug



Right In: 193.773+/-0.056 χ^2/NDF : 1017081.7/16

Left Out: 222.119+/-0.049 χ^2/NDF : 969571.8/14

Right Out: 172.142+/-0.050 χ^2/NDF : 1580035.1/18

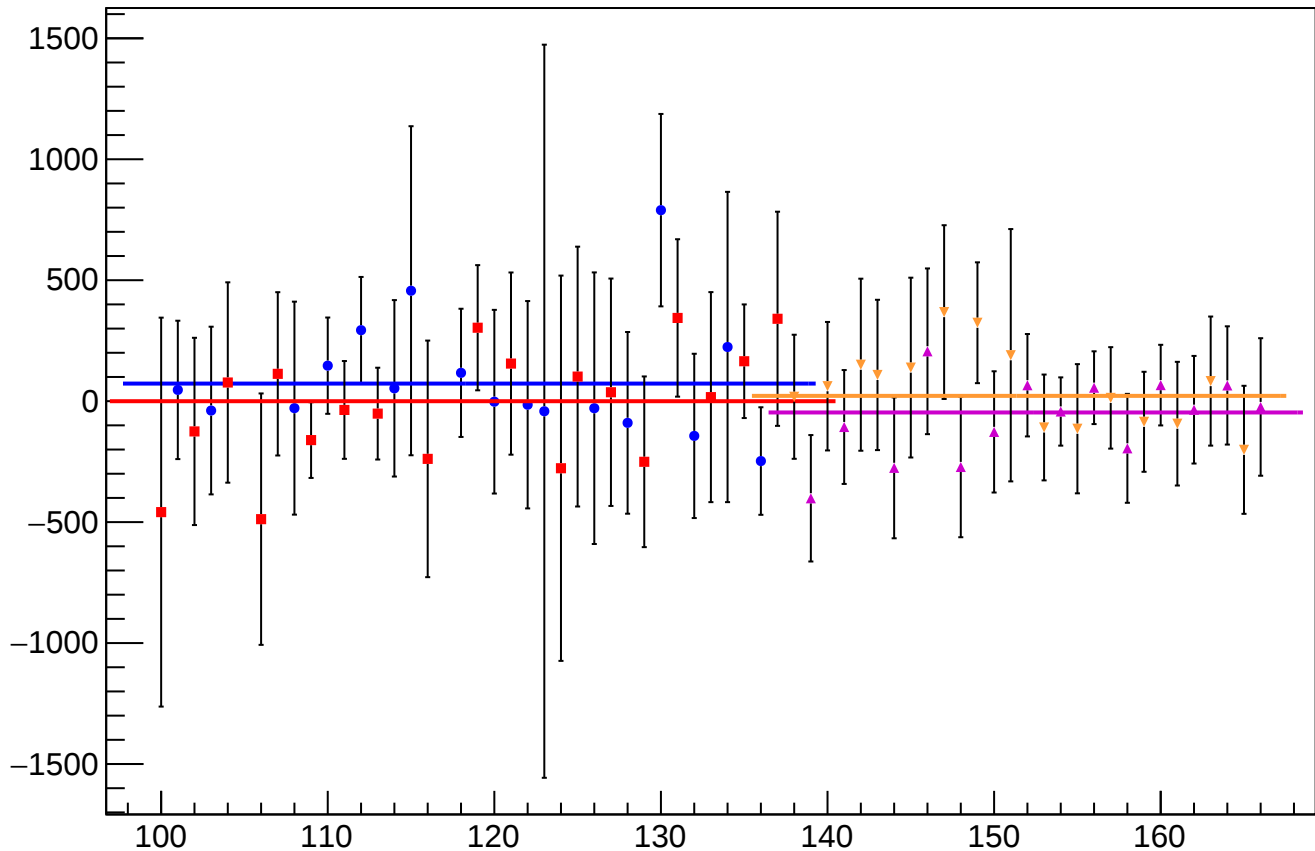
Left In: 176.729+/-0.040 χ^2/NDF : 1471163.1/13

+ sign 209.947+/-0.037 χ^2/NDF : 2131359.0/31

All: 189.580+/-0.024 χ^2/NDF : 5712402.3/64

- sign 174.898+/-0.031 χ^2/NDF : 3056343.9/32

asym_bcm_an_ds3_mean vs Slug



Right In: 72.675+/-79.992 χ^2/NDF : 7.8/16

Left Out: 21.896+/-69.498 χ^2/NDF : 4.7/14

Right Out: -0.181+/-70.467 χ^2/NDF : 7.3/18

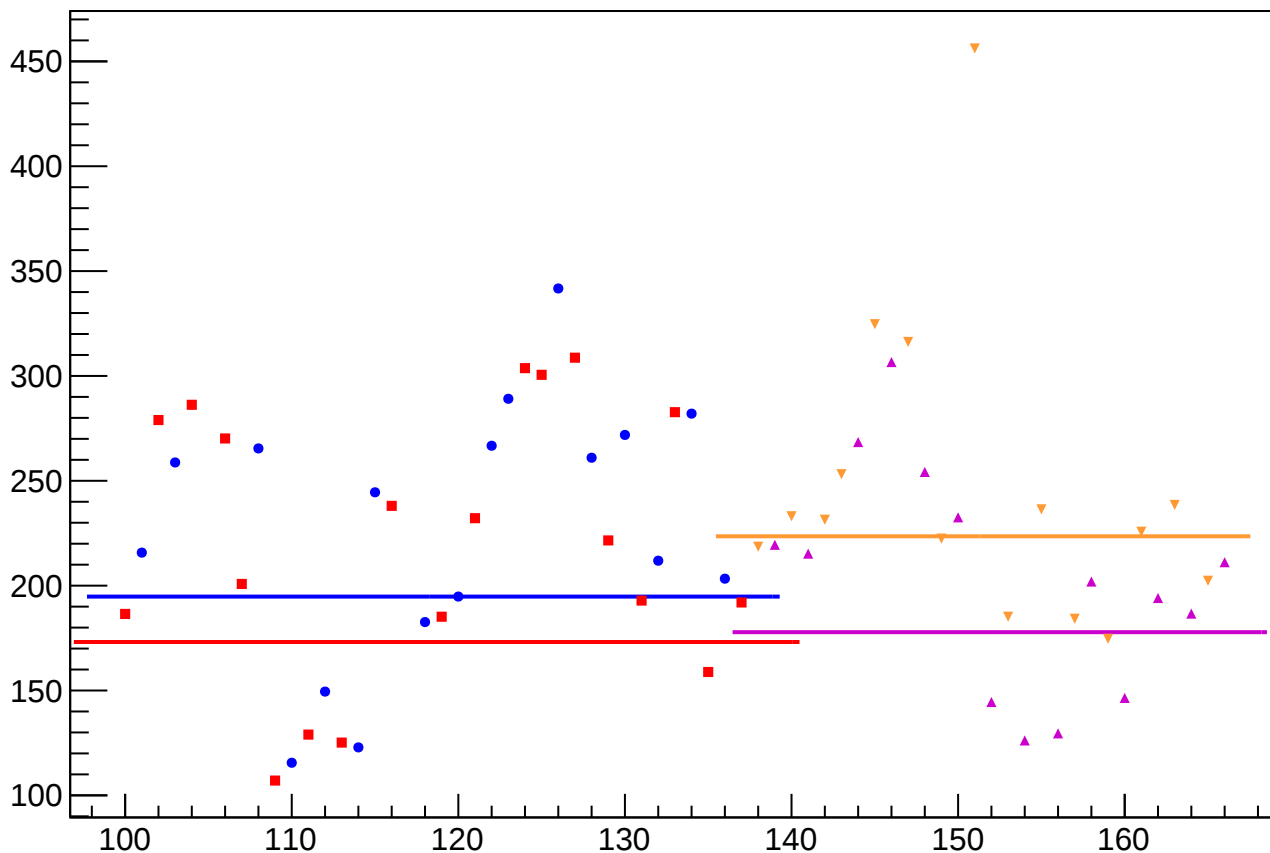
Left In: -46.751+/-57.487 χ^2/NDF : 5.6/13

+ sign 43.738+/-52.463 χ^2/NDF : 12.7/31

All: 1.969+/-33.956 χ^2/NDF : 26.9/64

- sign -28.142+/-44.544 χ^2/NDF : 13.2/32

asym_bcm_an_ds3_rms vs Slug



Right In: 194.782 $\pm$ 0.057 χ^2 /NDF: 1008292.8/16

Left Out: 223.536 $\pm$ 0.049 χ^2 /NDF: 969143.7/14

Right Out: 173.131 $\pm$ 0.050 χ^2 /NDF: 1567556.0/18

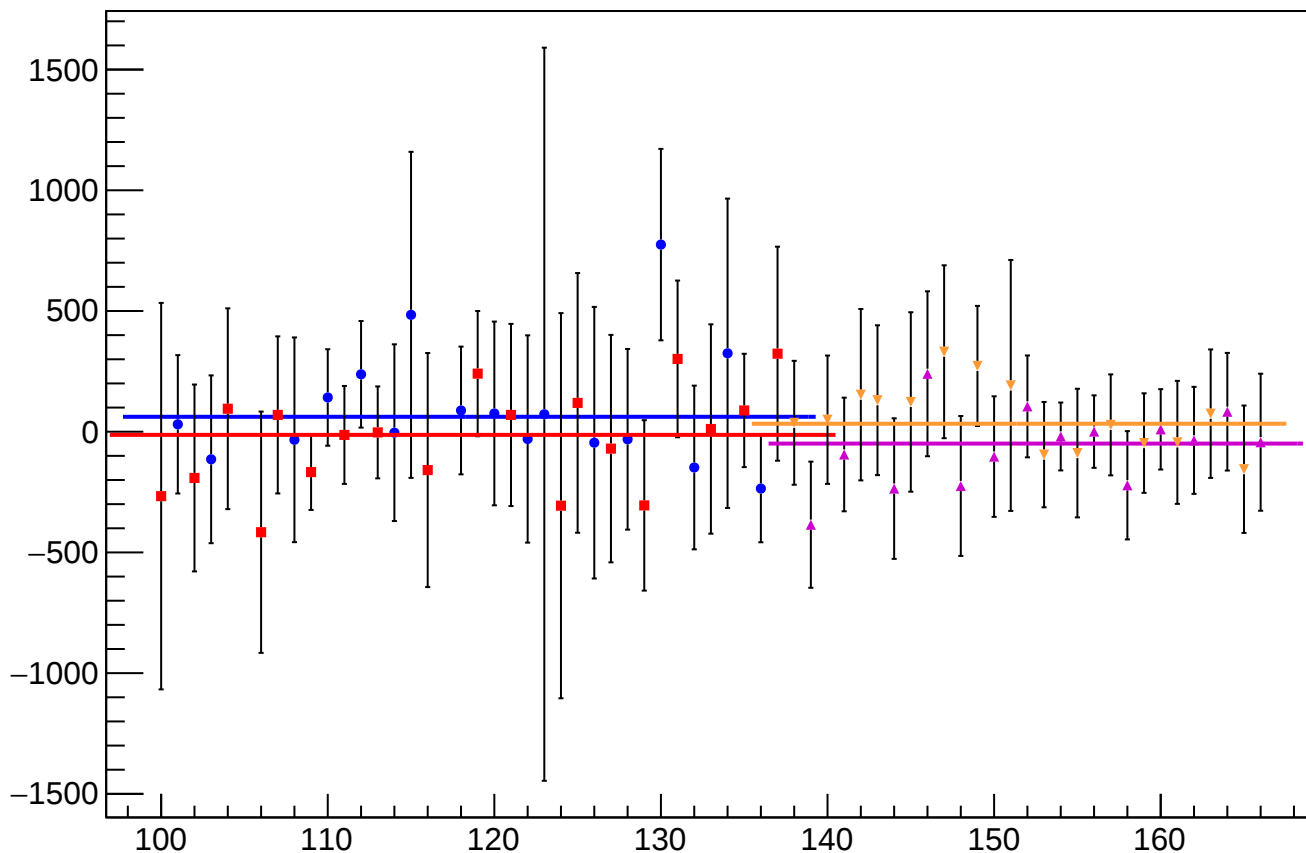
Left In: 177.812 $\pm$ 0.041 χ^2 /NDF: 1469801.0/13

+ sign 211.168 $\pm$ 0.037 χ^2 /NDF: 2124698.1/31

All: 190.698 $\pm$ 0.024 χ^2 /NDF: 5691306.5/64

- sign 175.942 $\pm$ 0.031 χ^2 /NDF: 3042655.4/32

asym_bcm_an_us_mean vs Slug



Right In: 61.814 ± 79.986 χ^2/NDF : 7.3/16

Left Out: 33.028 ± 69.344 χ^2/NDF : 3.3/14

Right Out: -13.101 ± 70.391 χ^2/NDF : 5.8/18

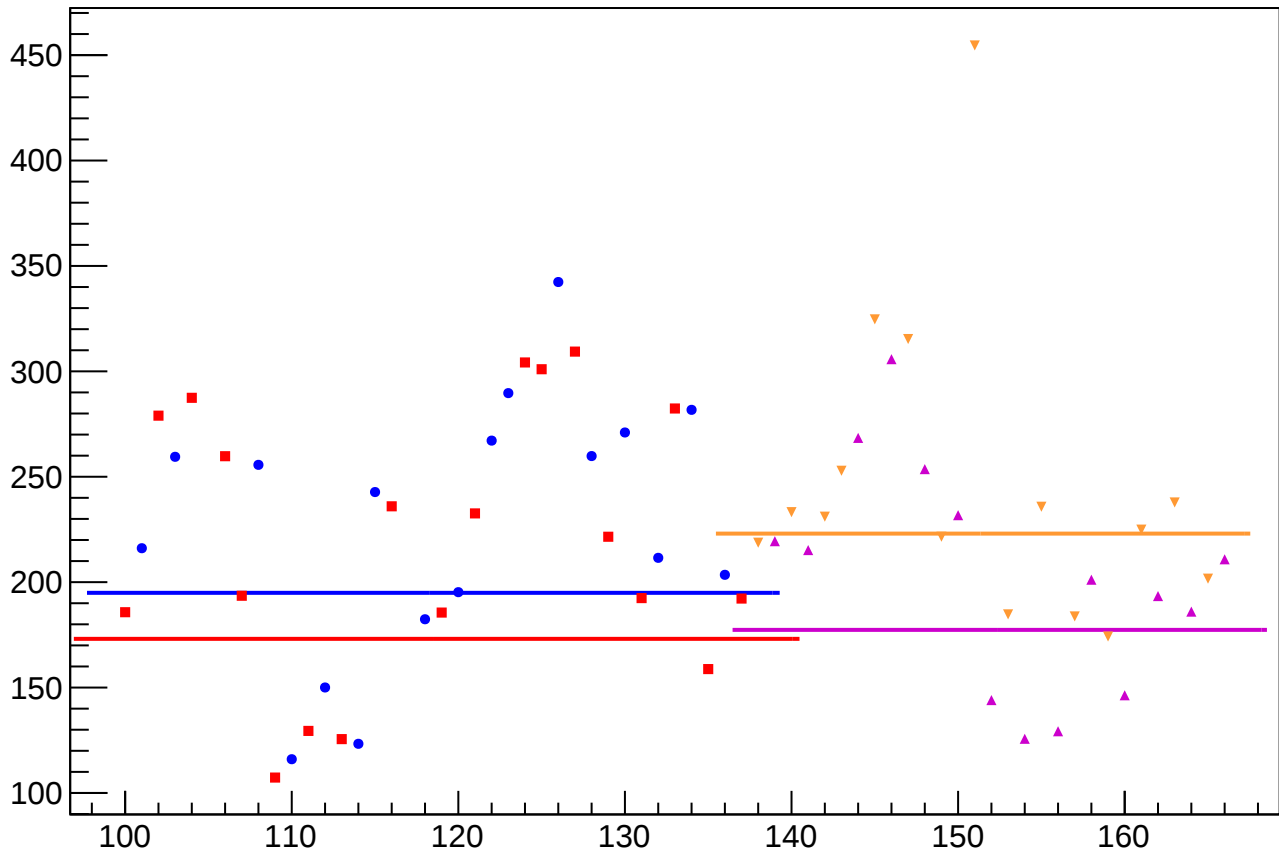
Left In: -49.145 ± 57.346 χ^2/NDF : 4.9/13

+ sign 45.380 ± 52.395 χ^2/NDF : 10.7/31

All: -1.216 ± 33.900 χ^2/NDF : 22.9/64

- sign -34.766 ± 44.460 χ^2/NDF : 10.9/32

asym_bcm_an_us_rms vs Slug



Right In: 194.939 $\pm$ 0.057 χ^2 /NDF: 986629.1/16

Left Out: 223.030 $\pm$ 0.049 χ^2 /NDF: 970858.1/14

Right Out: 173.109 $\pm$ 0.050 χ^2 /NDF: 1544723.9/18

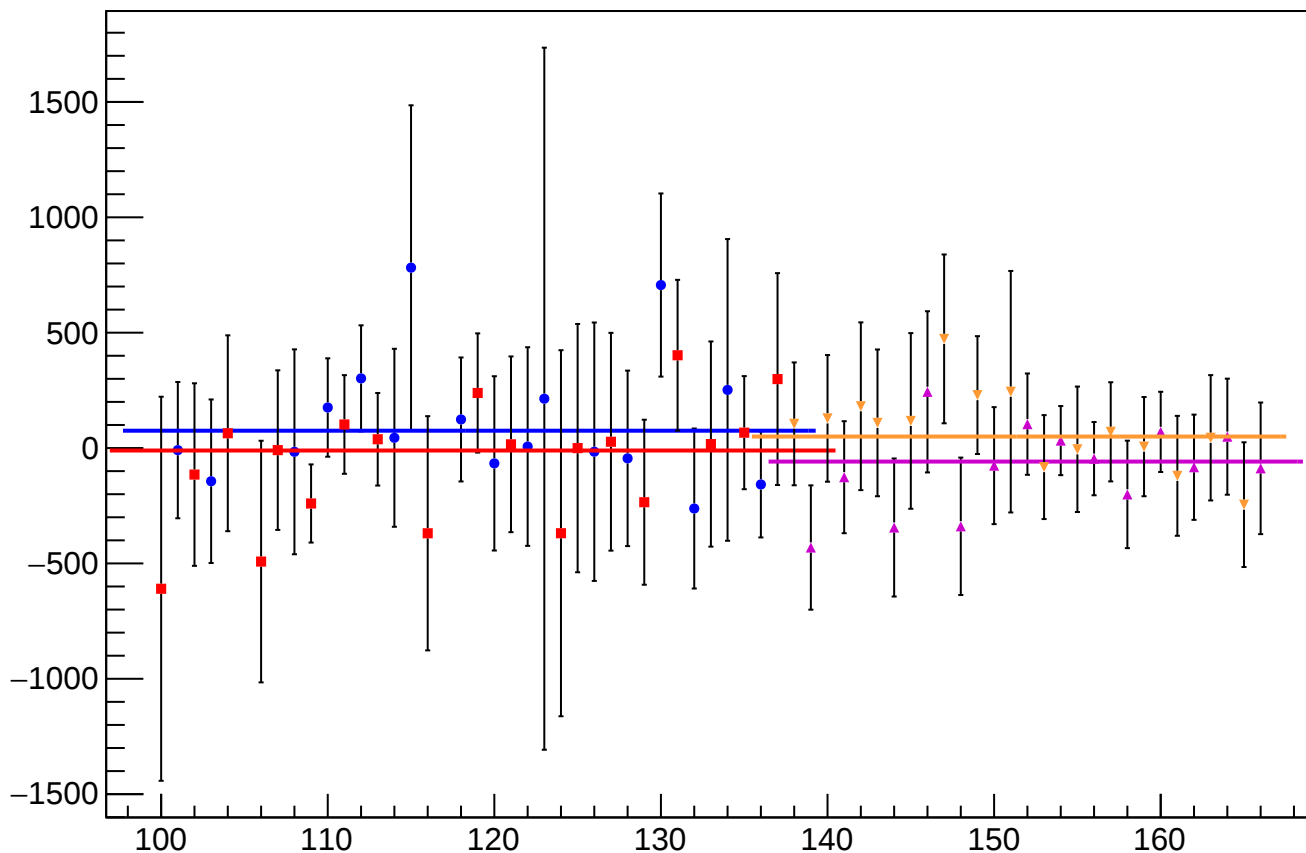
Left In: 177.364 $\pm$ 0.041 χ^2 /NDF: 1473410.1/13

+ sign 210.976 $\pm$ 0.037 χ^2 /NDF: 2098322.9/31

All: 190.448 $\pm$ 0.024 χ^2 /NDF: 5648942.1/64

- sign 175.666 $\pm$ 0.031 χ^2 /NDF: 3022526.7/32

asym_bcm_dg_us_mean vs Slug



Right In: 75.207 $\pm$ 82.504 χ^2 /NDF: 7.6/16

Left Out: 49.874 $\pm$ 71.285 χ^2 /NDF: 4.4/14

Right Out: -10.674 $\pm$ 73.338 χ^2 /NDF: 7.8/18

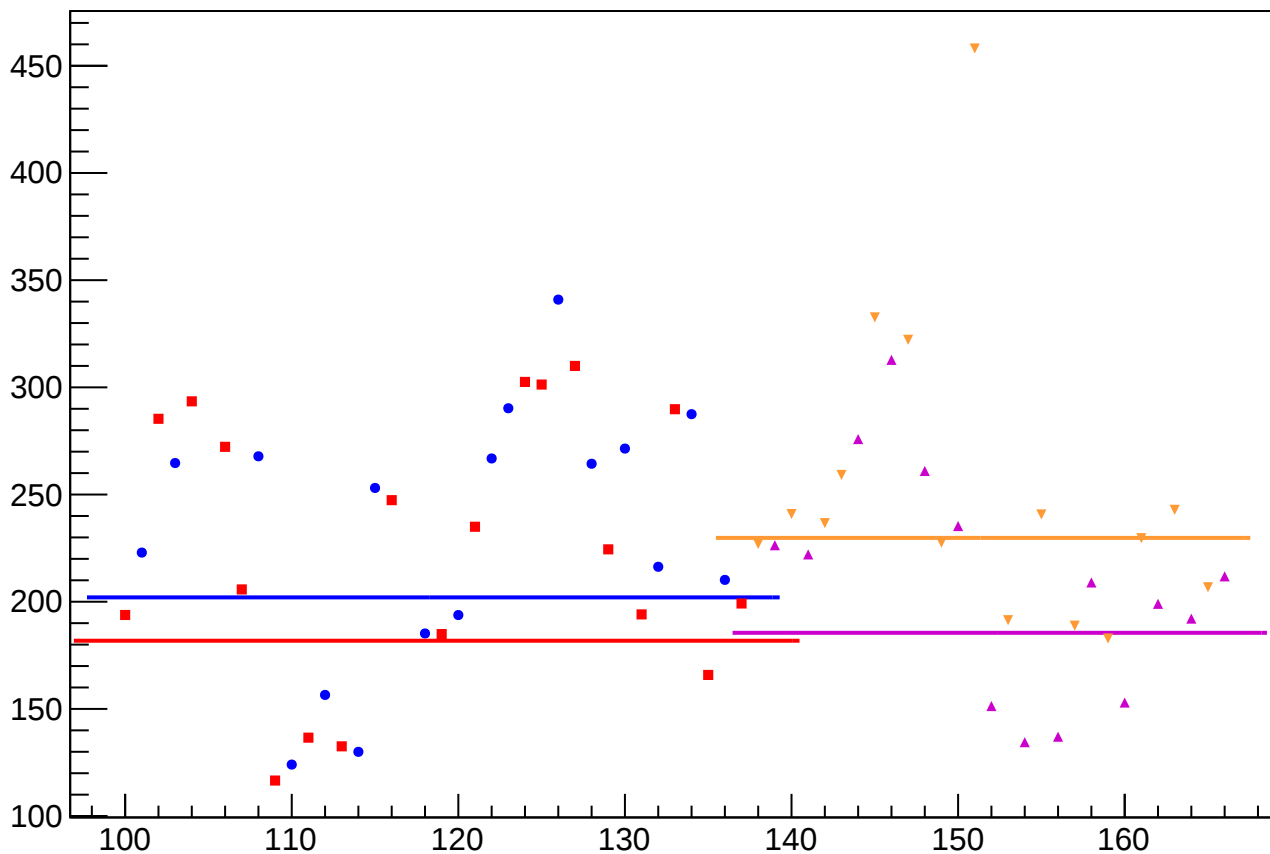
Left In: -58.607 $\pm$ 59.665 χ^2 /NDF: 6.6/13

+ sign 60.702 $\pm$ 53.940 χ^2 /NDF: 12.0/31

All: 2.980 $\pm$ 35.125 χ^2 /NDF: 28.7/64

- sign -39.516 $\pm$ 46.283 χ^2 /NDF: 14.7/32

asym_bcm_dg_us_rms vs Slug



Right In: 202.029+/-0.058 χ^2/NDF : 881608.7/16

Left Out: 229.781+/-0.050 χ^2/NDF : 924100.7/14

Right Out: 181.811+/-0.052 χ^2/NDF : 1377537.2/18

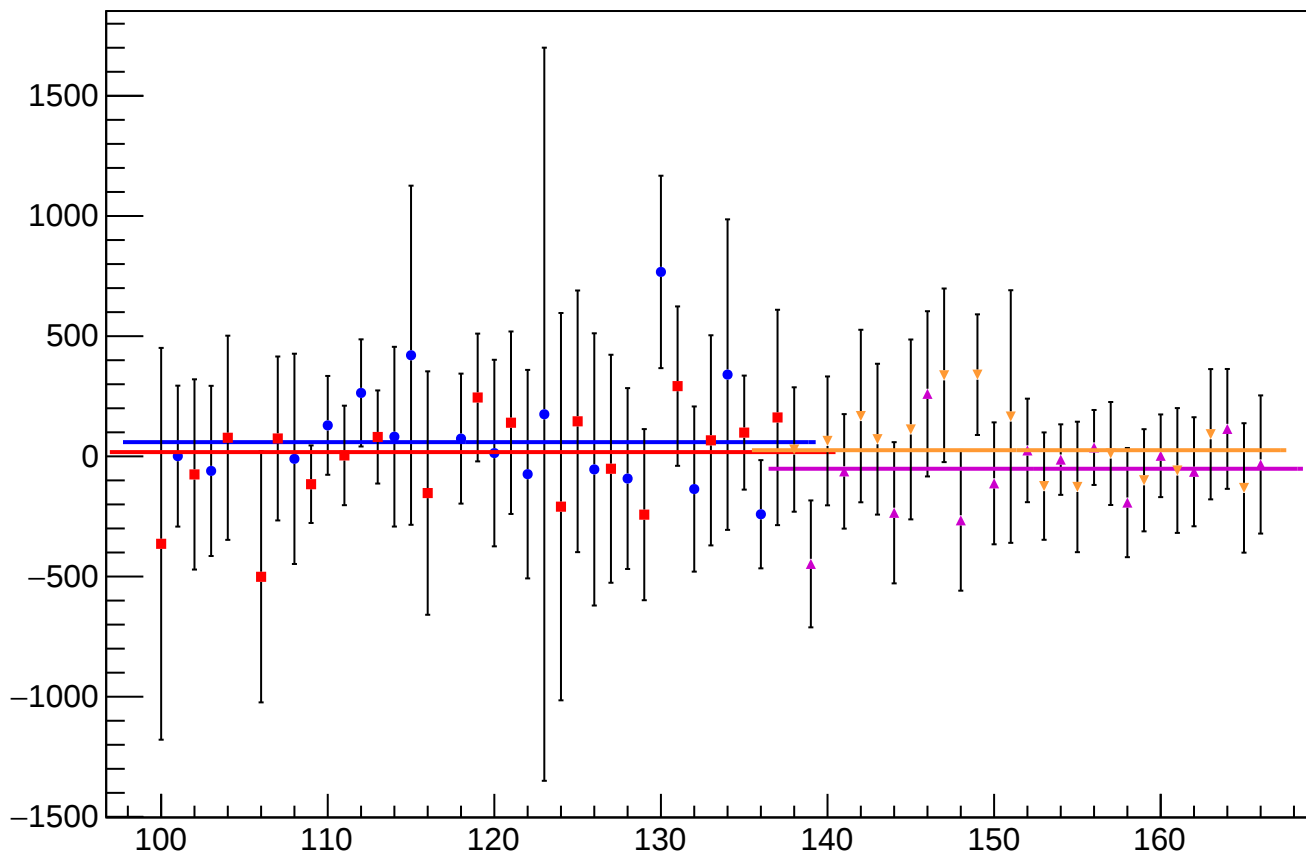
Left In: 185.500+/-0.042 χ^2/NDF : 1328423.5/13

+ sign 217.919+/-0.038 χ^2/NDF : 1935274.4/31

All: 198.401+/-0.025 χ^2/NDF : 5098945.9/64

- sign 184.031+/-0.033 χ^2/NDF : 2709005.3/32

asym_bcm_dg_ds_mean vs Slug



Right In: 59.175+/-81.417 χ^2/NDF : 7.1/16

Left Out: 25.633+/-70.561 χ^2/NDF : 4.3/14

Right Out: 17.727+/-71.900 χ^2/NDF : 4.7/18

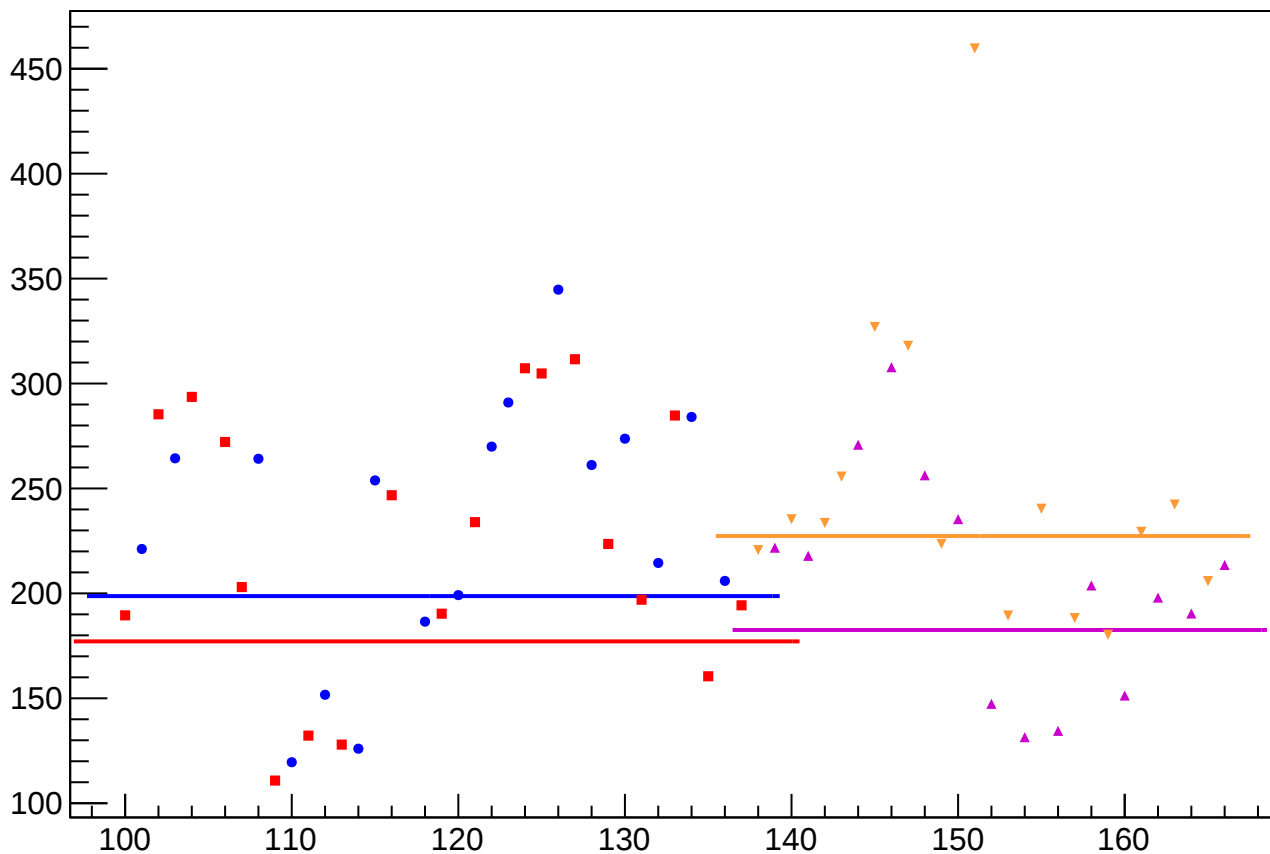
Left In: -51.604+/-58.807 χ^2/NDF : 5.5/13

+ sign 40.020+/-53.322 χ^2/NDF : 11.5/31

All: 3.096+/-34.621 χ^2/NDF : 23.0/64

- sign -23.814+/-45.521 χ^2/NDF : 10.7/32

asym_bcm_dg_ds_rms vs Slug



Right In: 198.704 $\pm$ 0.058 χ^2 /NDF: 963394.4/16

Left Out: 227.319 $\pm$ 0.050 χ^2 /NDF: 924637.4/14

Right Out: 177.125 $\pm$ 0.051 χ^2 /NDF: 1524889.9/18

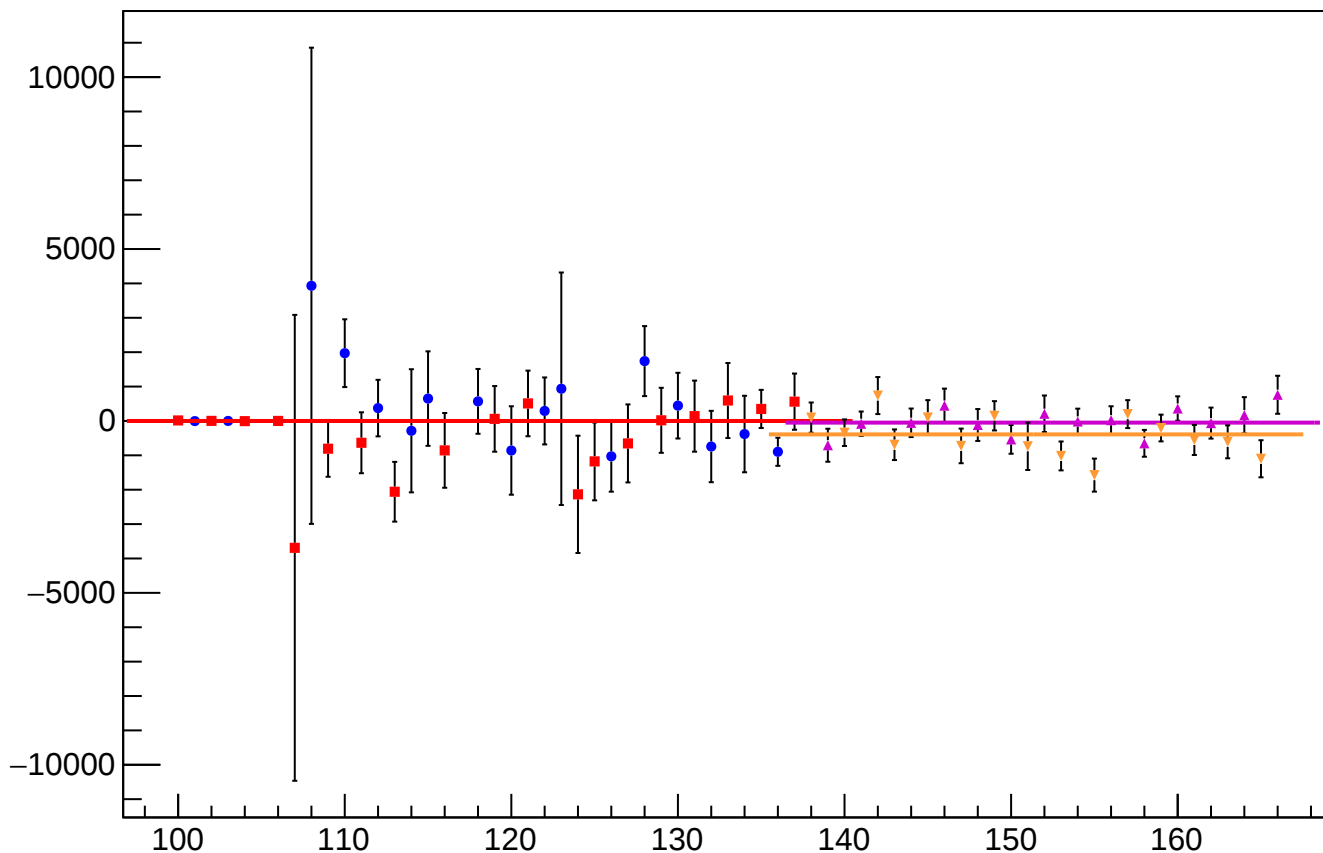
Left In: 182.557 $\pm$ 0.042 χ^2 /NDF: 1351304.8/13

+ sign 215.045 $\pm$ 0.038 χ^2 /NDF: 2029118.6/31

All: 194.993 $\pm$ 0.024 χ^2 /NDF: 5401098.1/64

- sign 180.380 $\pm$ 0.032 χ^2 /NDF: 2883035.7/32

asym_cav4bQ_mean vs Slug



Right In: -1.529 ± 2.251 χ^2/NDF : 16.6/16

Left Out: -390.988 ± 118.196 χ^2/NDF : 22.1/14

Right Out: -0.731 ± 2.111 χ^2/NDF : 18.4/18

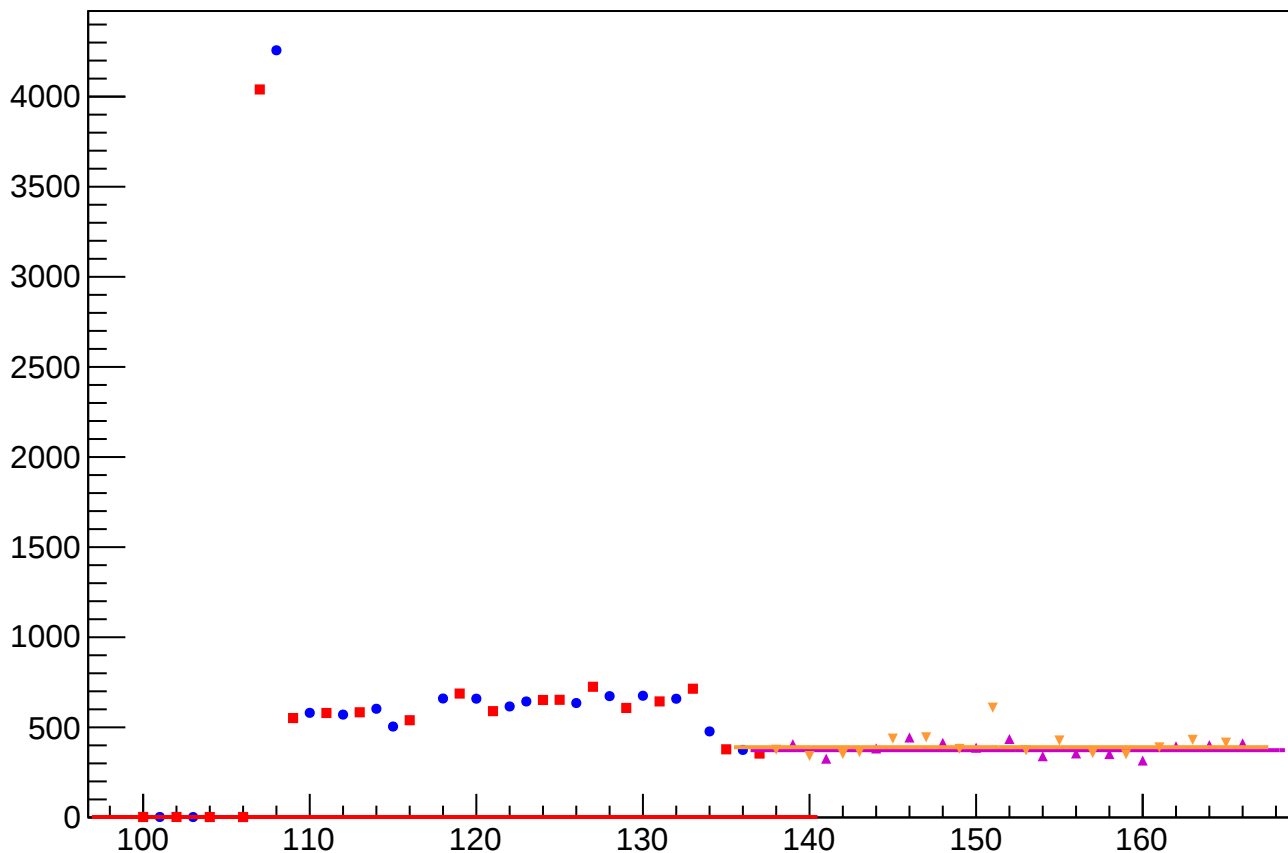
Left In: -48.667 ± 114.923 χ^2/NDF : 10.6/13

+ sign -1.670 ± 2.251 χ^2/NDF : 49.6/31

All: -1.179 ± 1.540 χ^2/NDF : 78.8/64

- sign -0.748 ± 2.111 χ^2/NDF : 29.1/32

asym_cav4bQ_rms vs Slug



Right In: 2.456+/-0.002 χ^2/NDF : 10706347.4/16

Left Out: 389.914+/-0.084 χ^2/NDF : 364353.9/14

Right Out: 2.437+/-0.001 χ^2/NDF : 11140185.1/18

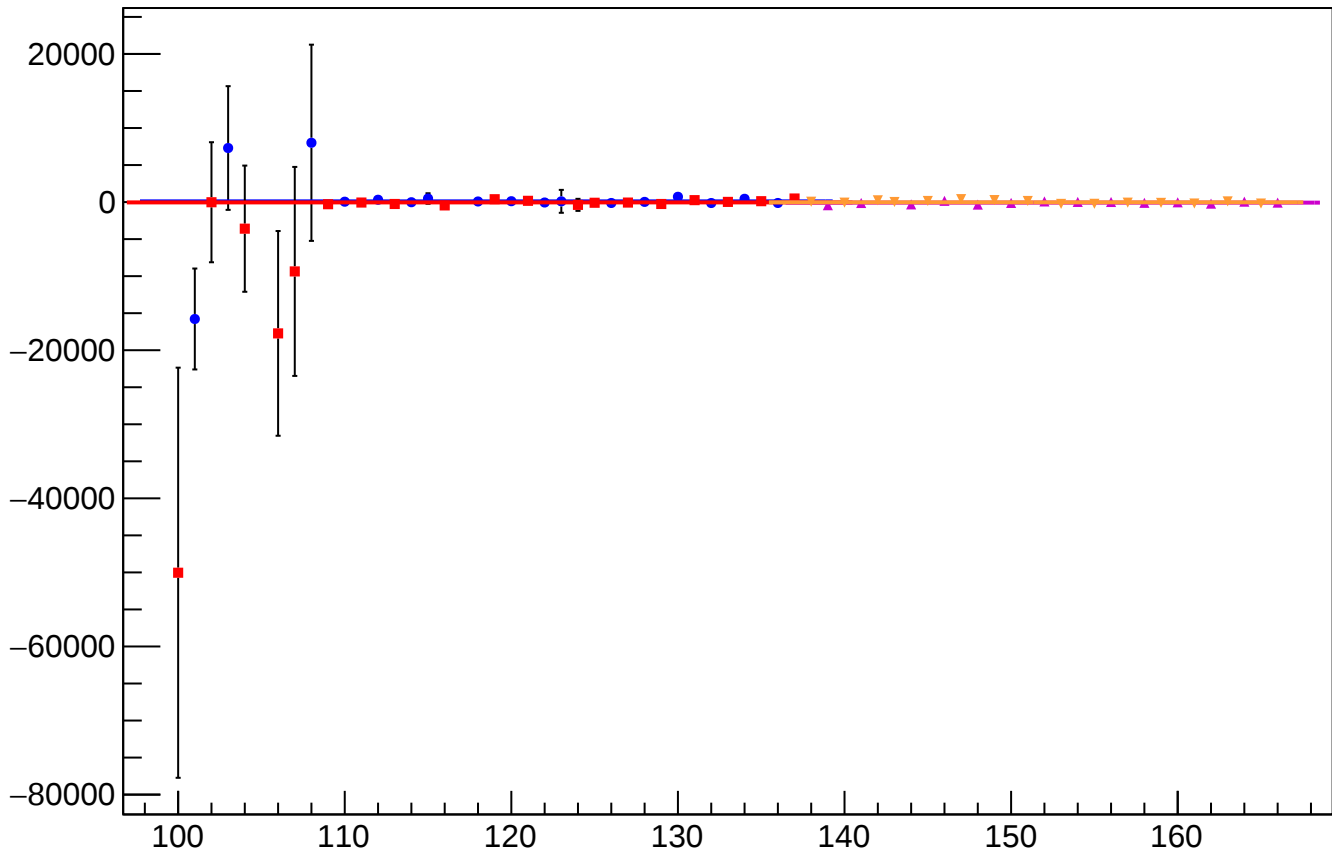
Left In: 373.260+/-0.081 χ^2/NDF : 229690.1/13

+ sign 2.597+/-0.002 χ^2/NDF : 32554943.8/31

All: 2.578+/-0.001 χ^2/NDF : 64741570.2/64

- sign 2.562+/-0.001 χ^2/NDF : 32186370.5/32

asym_cav4cQ_mean vs Slug



Right In: 95.353+/-91.708 χ^2/NDF : 12.0/16

Left Out: -30.374+/-73.797 χ^2/NDF : 5.8/14

Right Out: -42.617+/-84.547 χ^2/NDF : 14.0/18

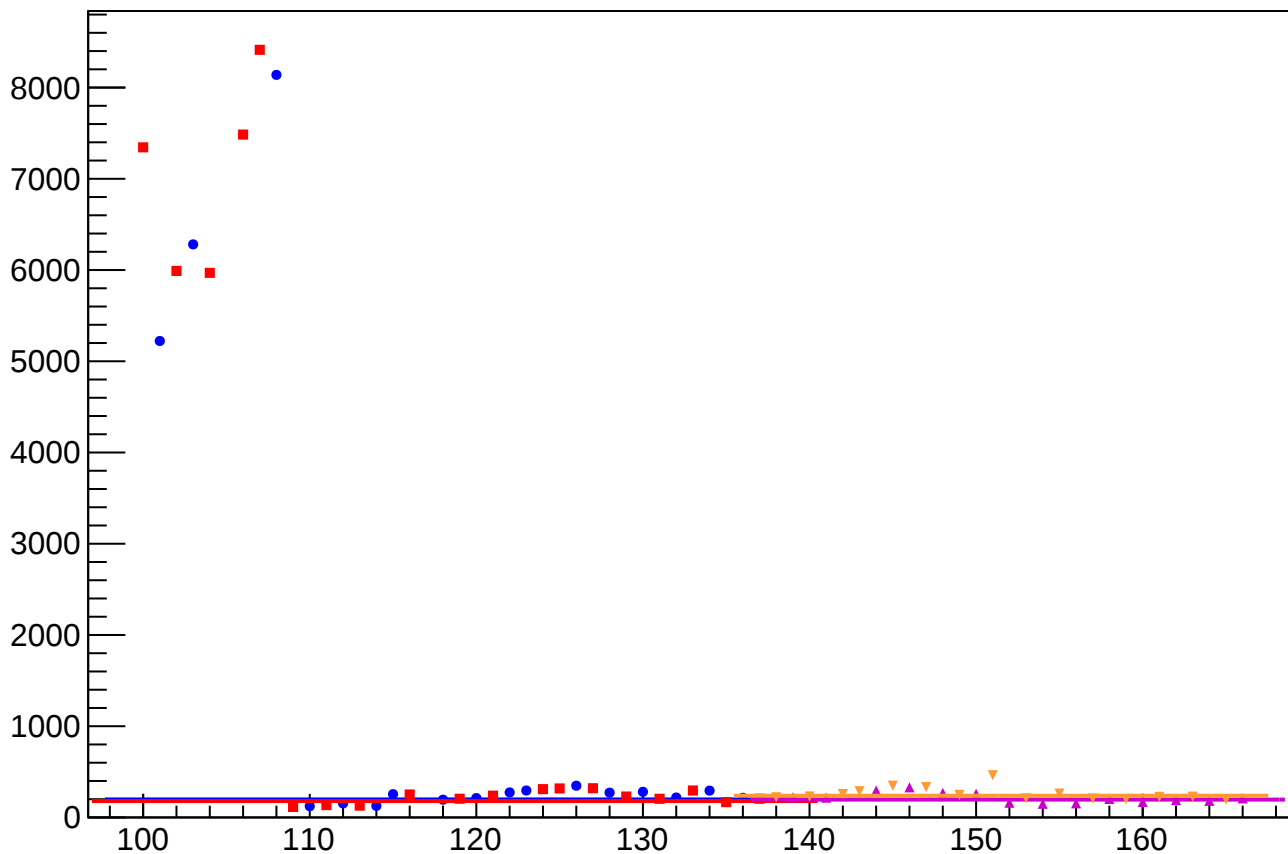
Left In: -74.479+/-62.462 χ^2/NDF : 5.4/13

+ sign 19.040+/-57.494 χ^2/NDF : 18.9/31

All: -27.609+/-37.831 χ^2/NDF : 39.6/64

- sign -63.229+/-50.239 χ^2/NDF : 19.5/32

asym_cav4cQ_rms vs Slug



Right In: 197.422+/-0.065 χ^2/NDF : 3695848.3/16

Left Out: 238.425+/-0.052 χ^2/NDF : 884674.8/14

Right Out: 179.983+/-0.060 χ^2/NDF : 4321404.4/18

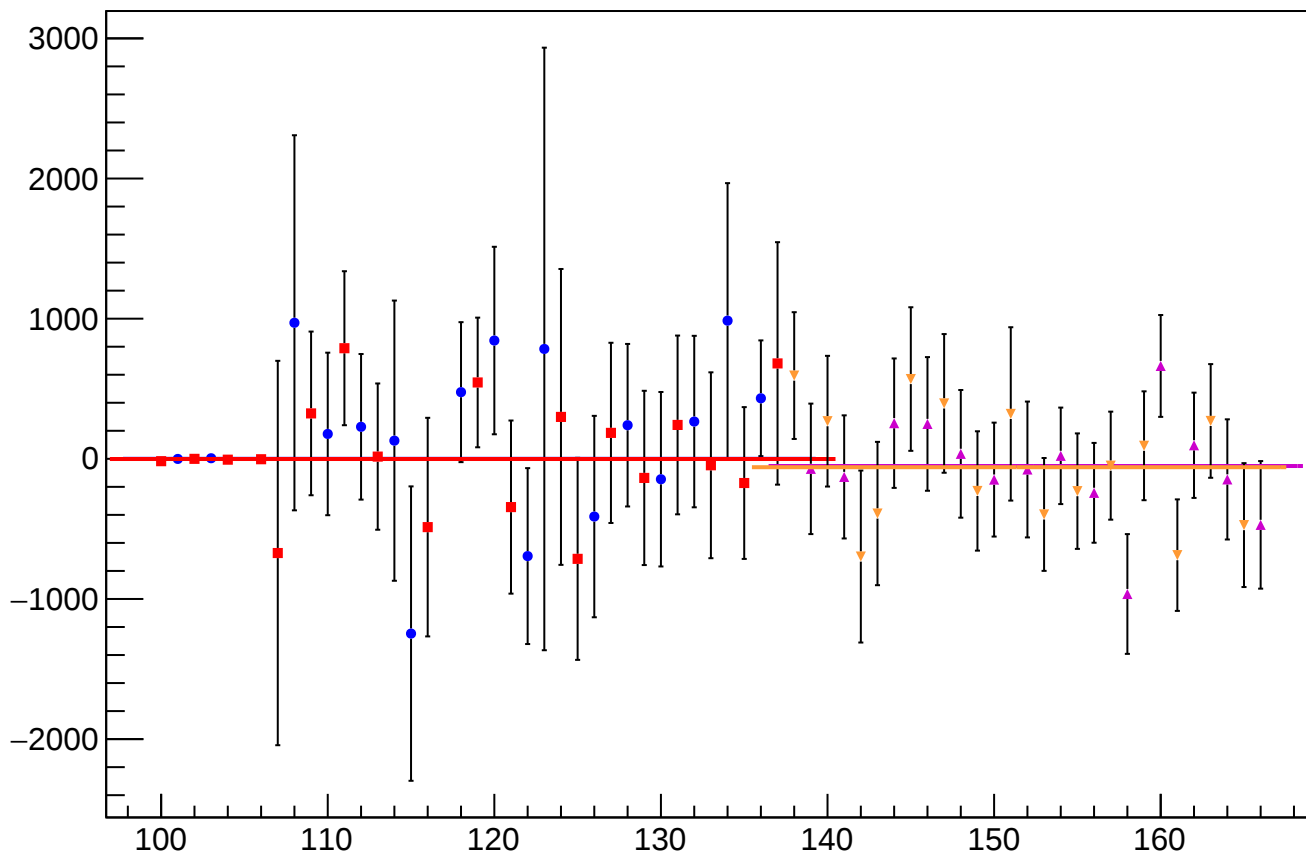
Left In: 195.703+/-0.044 χ^2/NDF : 1065382.3/13

+ sign 222.309+/-0.041 χ^2/NDF : 4823187.0/31

All: 204.075+/-0.027 χ^2/NDF : 10609472.4/64

- sign 190.152+/-0.036 χ^2/NDF : 5431517.9/32

asym_cav4dQ_mean vs Slug



Right In: -0.139 ± 1.737 χ^2/NDF : 9.8/16

Left Out: -59.845 ± 115.526 χ^2/NDF : 12.0/14

Right Out: -1.324 ± 1.623 χ^2/NDF : 9.5/18

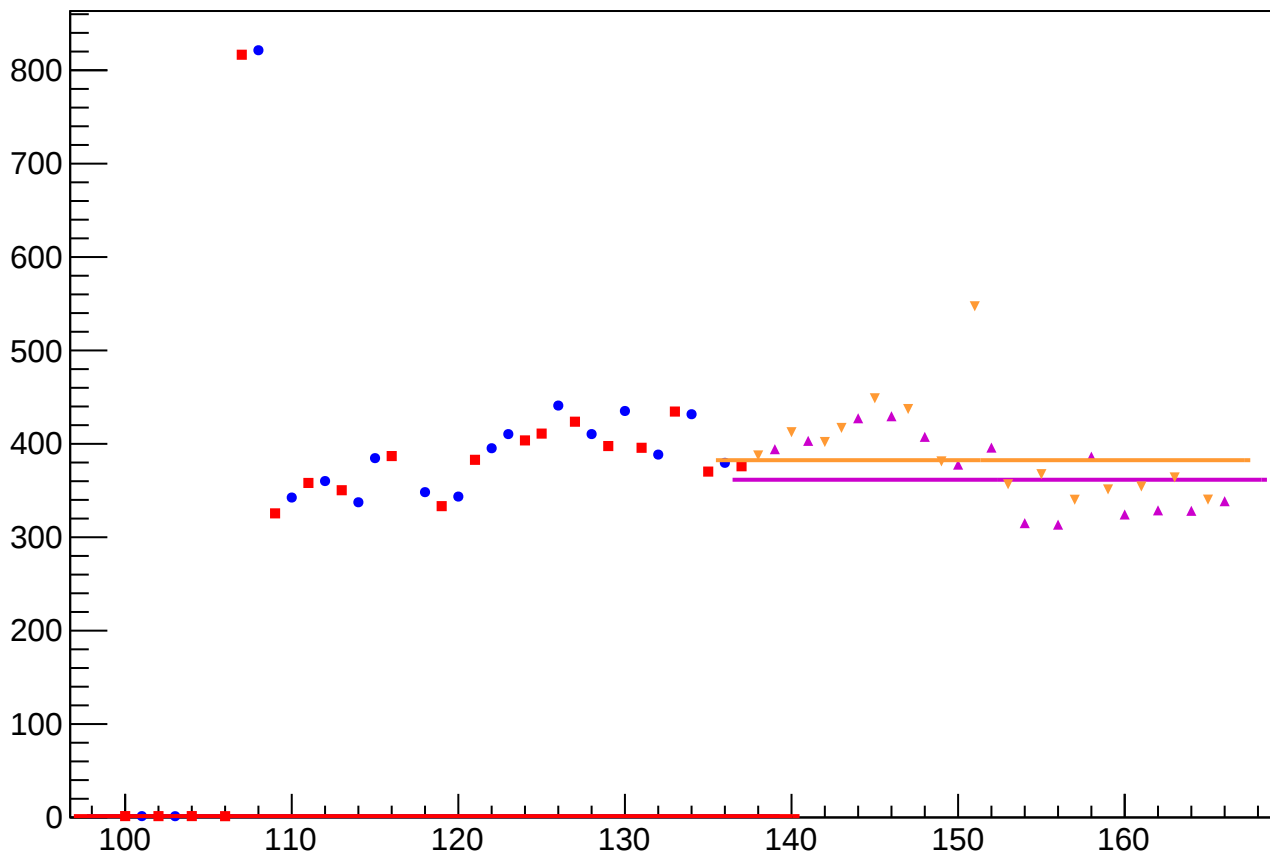
Left In: -51.356 ± 111.285 χ^2/NDF : 10.8/13

+ sign -0.152 ± 1.736 χ^2/NDF : 22.1/31

All: -0.783 ± 1.185 χ^2/NDF : 42.8/64

- sign -1.334 ± 1.622 χ^2/NDF : 20.5/32

asym_cav4dQ_rms vs Slug



Right In: 1.452+/-0.001 χ^2/NDF : 10815892.9/16

Left Out: 382.506+/-0.082 χ^2/NDF :299998.2/14

Right Out: 1.451+/-0.001 χ^2/NDF : 10873552.2/18

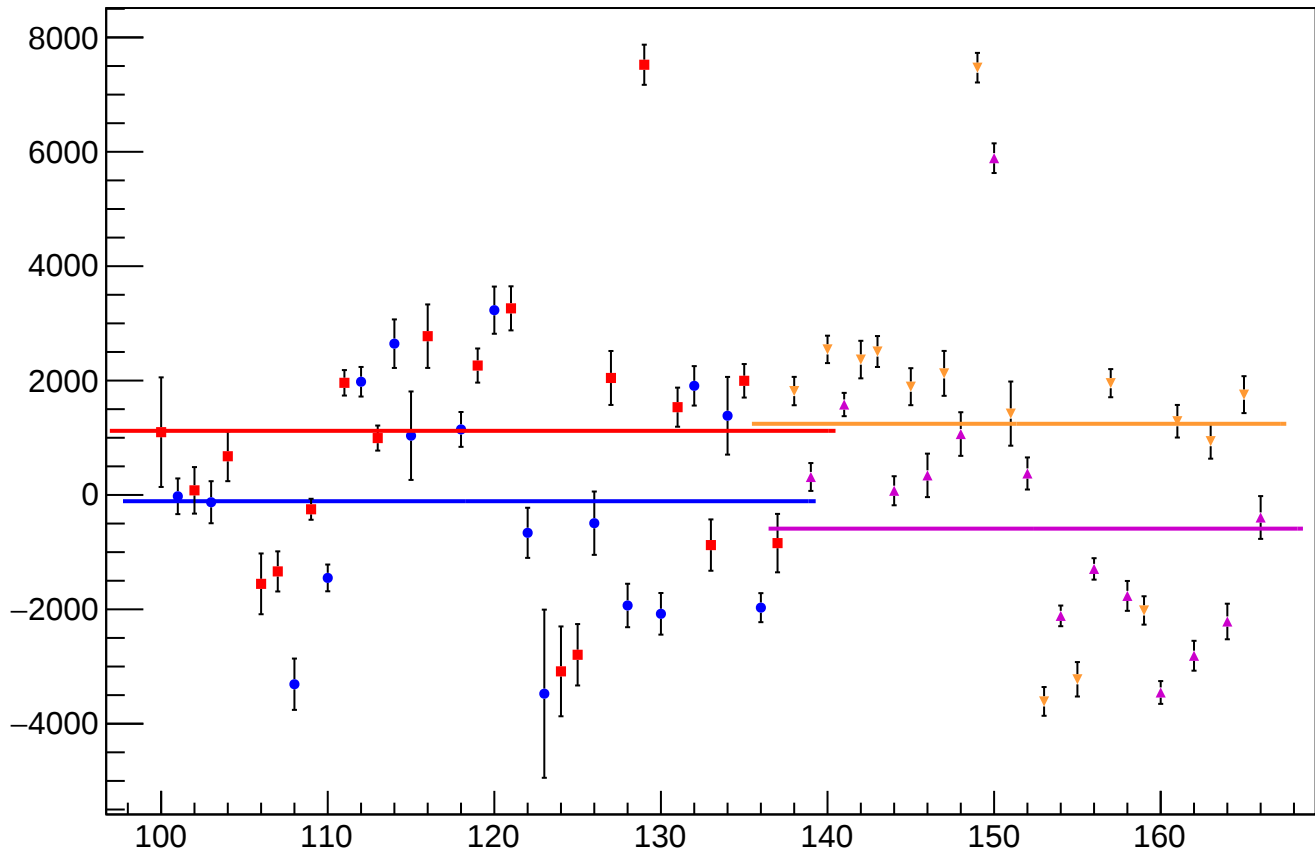
Left In: 361.564+/-0.079 χ^2/NDF :275615.6/13

+ sign 1.538+/-0.001 χ^2/NDF : 32870205.5/31

All: 1.533+/-0.001 χ^2/NDF : 64957710.7/64

- sign 1.528+/-0.001 χ^2/NDF : 32087464.5/32

asym_bcm0l02_mean vs Slug



Right In: -109.225+/-87.961 χ^2/NDF : 428.3/16

Left Out: 1244.338+/-73.936 χ^2/NDF : 1434.2/14

Right Out: 1121.203+/-78.396 χ^2/NDF : 670.1/18

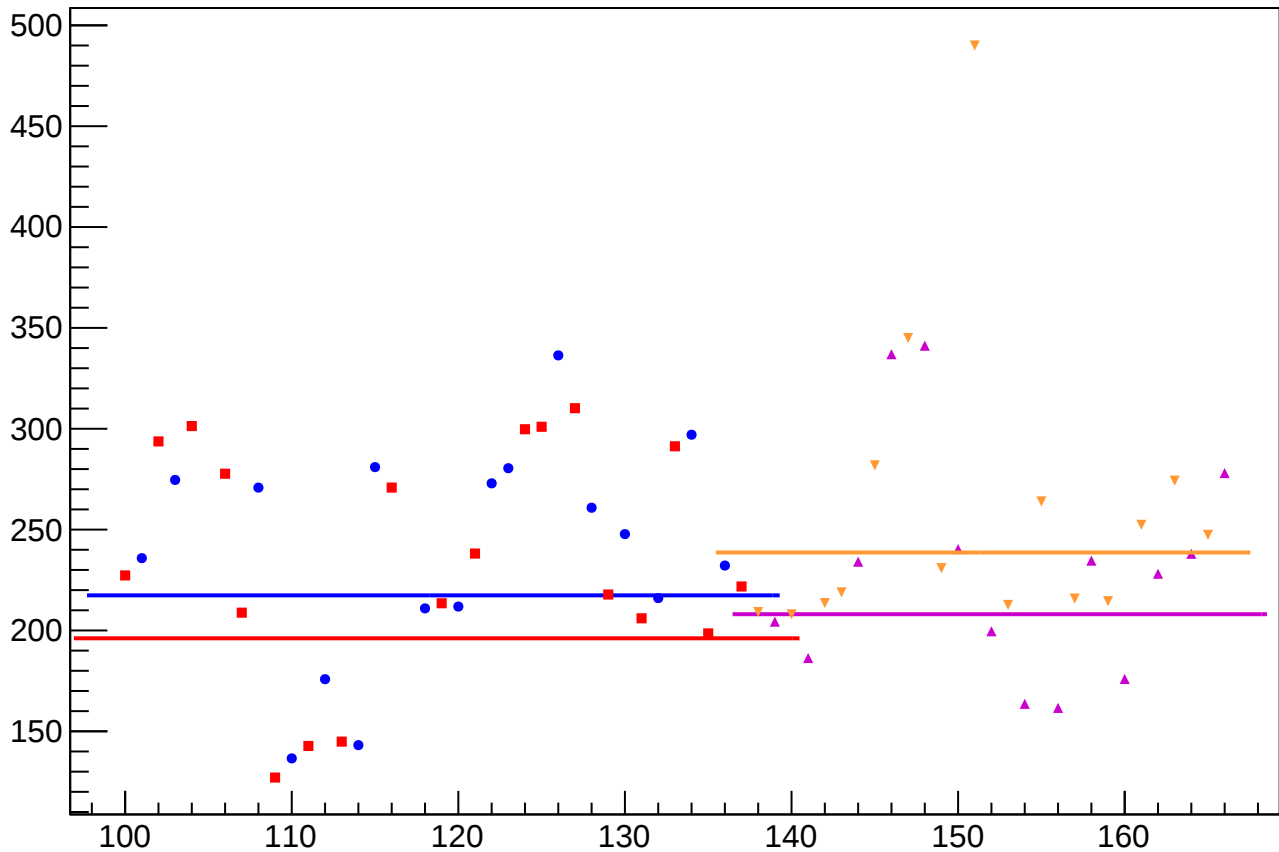
Left In: -588.932+/-66.106 χ^2/NDF : 1206.0/13

+ sign 683.944+/-56.598 χ^2/NDF : 2001.3/31

All: 371.139+/-37.697 χ^2/NDF : 4210.4/64

- sign 121.737+/-50.537 χ^2/NDF : 2154.1/32

asym_bcm0l02_rms vs Slug



Right In: 217.403 $\pm$ 0.062 χ^2 /NDF: 652632.9/16

Left Out: 238.651 $\pm$ 0.052 χ^2 /NDF: 774095.6/14

Right Out: 196.112 $\pm$ 0.055 χ^2 /NDF: 1190862.3/18

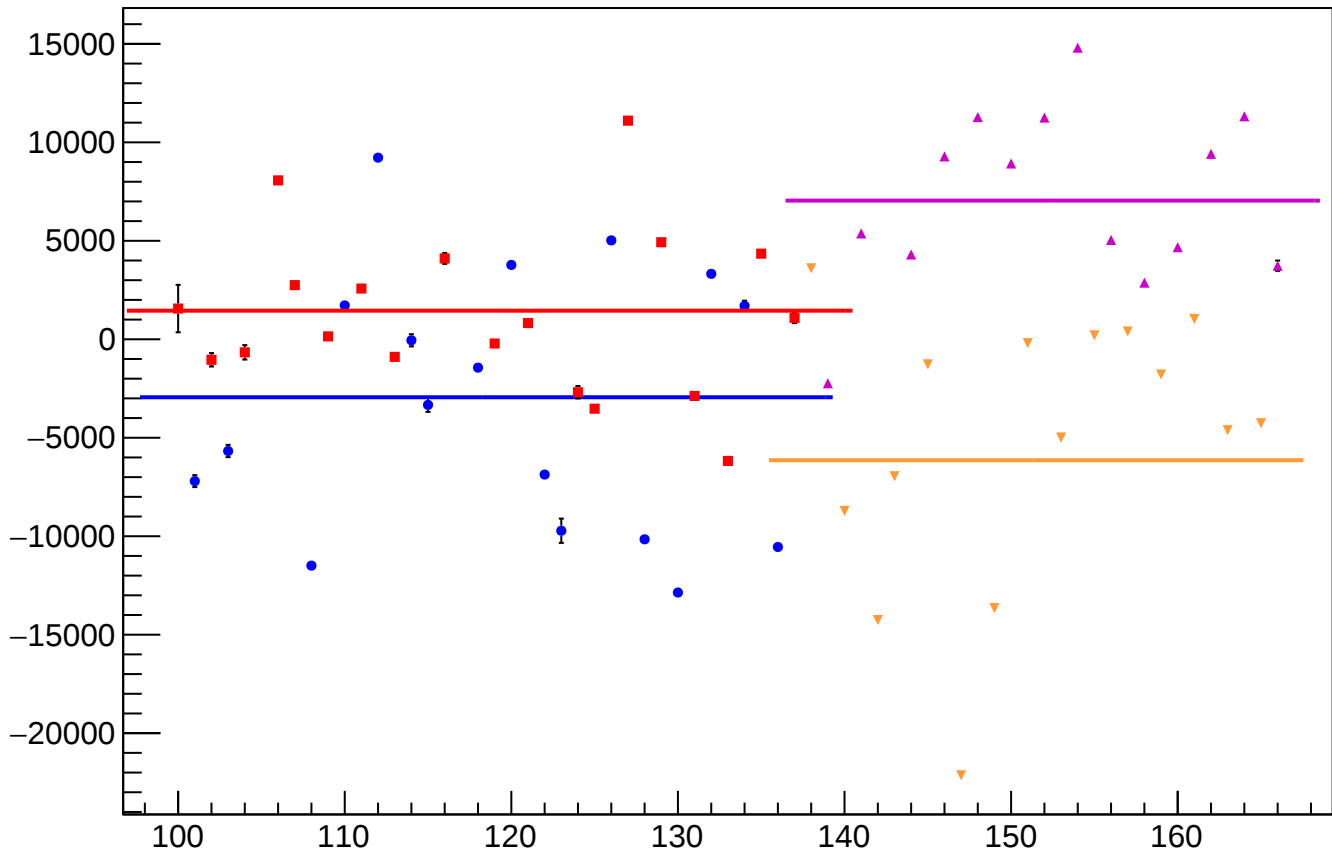
Left In: 208.060 $\pm$ 0.047 χ^2 /NDF: 967085.2/13

+ sign 229.854 $\pm$ 0.040 χ^2 /NDF: 1495118.6/31

All: 214.966 $\pm$ 0.027 χ^2 /NDF: 3928962.9/64

- sign 203.095 $\pm$ 0.036 χ^2 /NDF: 2185096.0/32

asym_bpm2i01WS_mean vs Slug



Right In: -2943.123 ± 48.612 $\chi^2/\text{NDF}: 20909.8/16$

Left Out: -6140.724 ± 40.253 $\chi^2/\text{NDF}: 34079.4/14$

Right Out: 1453.116 ± 46.404 $\chi^2/\text{NDF}: 7996.0/18$

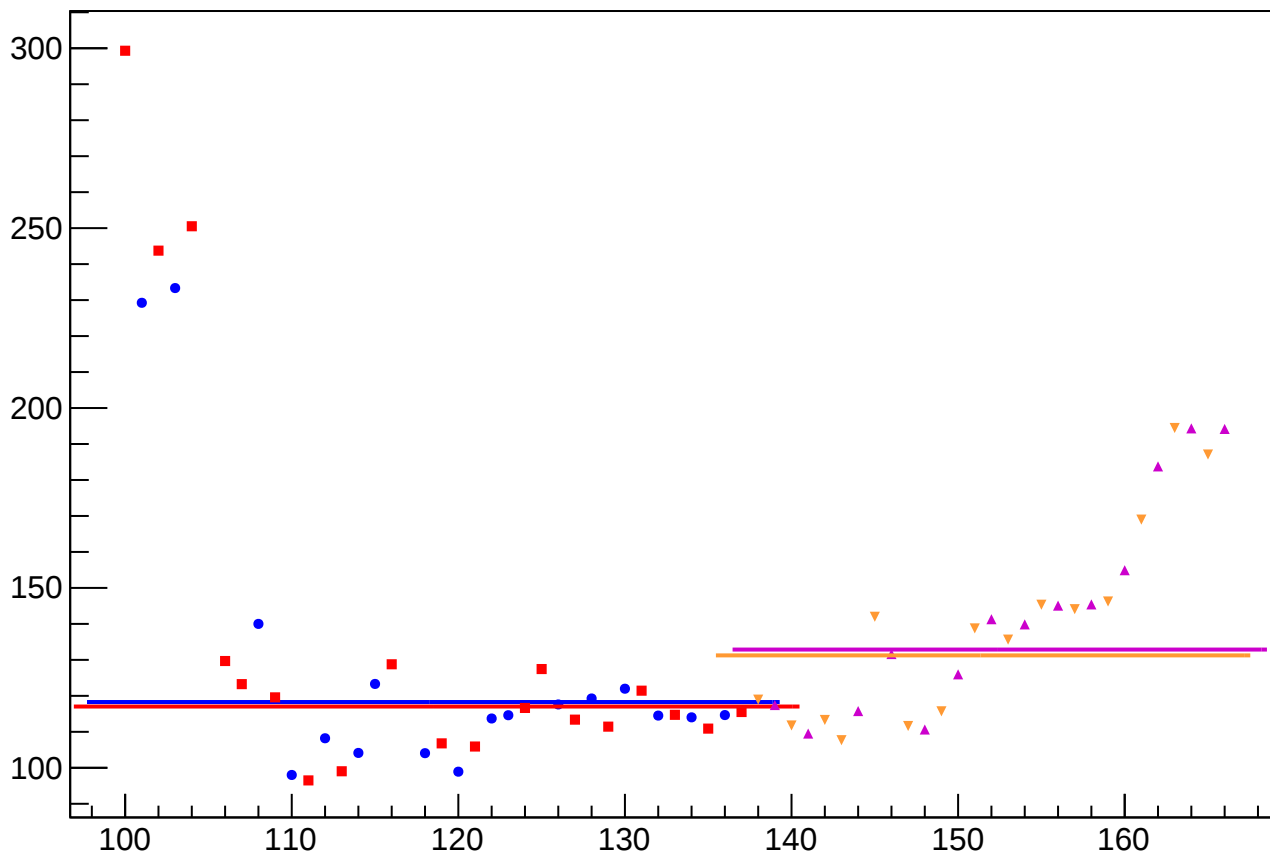
Left In: 7041.894 ± 41.242 $\chi^2/\text{NDF}: 11342.9/13$

+ sign -4840.077 ± 31.004 $\chi^2/\text{NDF}: 57556.0/31$

All: -105.303 ± 21.860 $\chi^2/\text{NDF}: 131377.9/64$

- sign 4575.503 ± 30.826 $\chi^2/\text{NDF}: 27442.9/32$

asym_bpm2i01WS_rms vs Slug



Right In: 118.286+/-0.034 χ^2/NDF : 636918.0/16

Left Out: 131.247+/-0.028 χ^2/NDF : 630503.3/14

Right Out: 117.031+/-0.033 χ^2/NDF : 690861.5/18

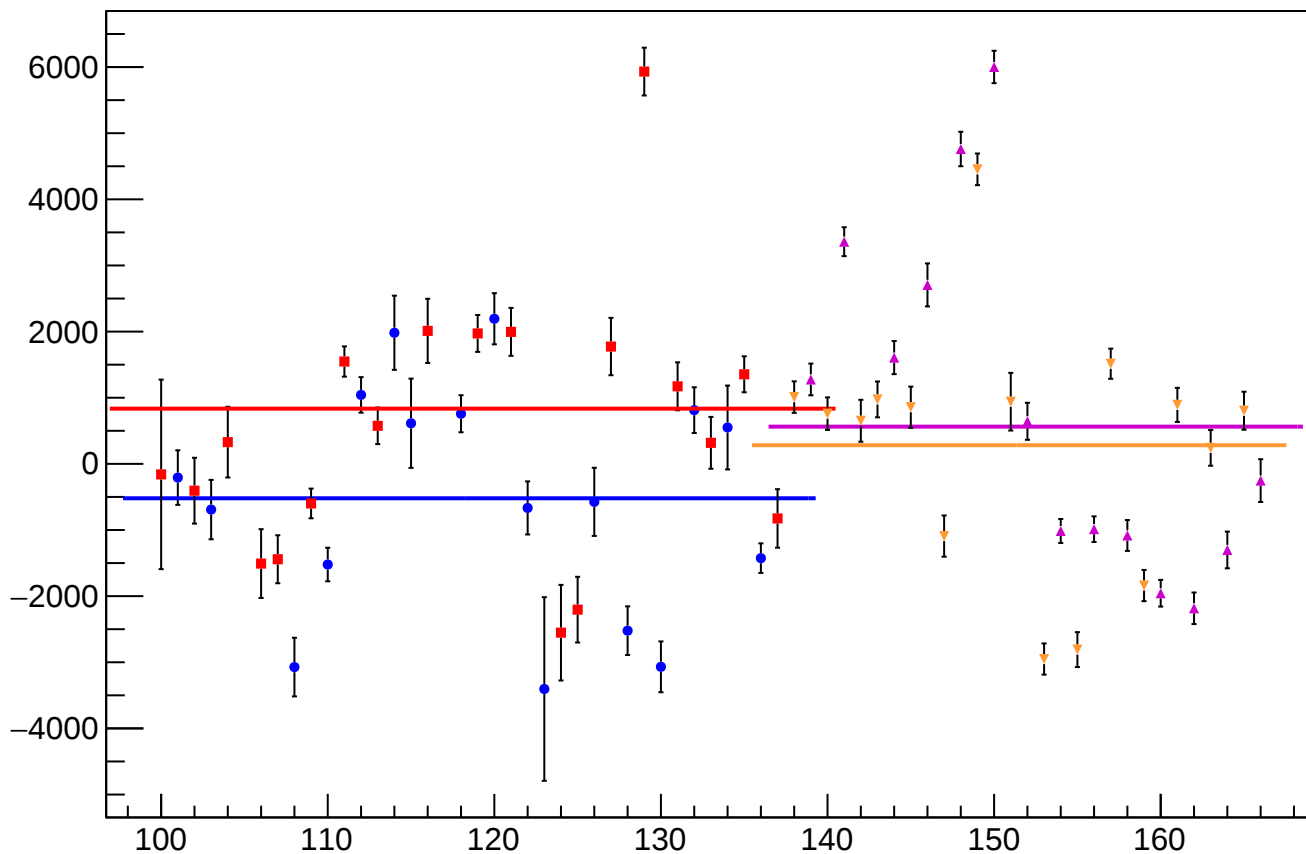
Left In: 132.866+/-0.029 χ^2/NDF : 612374.2/13

+ sign 125.975+/-0.022 χ^2/NDF : 1351766.2/31

All: 125.926+/-0.015 χ^2/NDF : 2785128.7/64

- sign 125.878+/-0.022 χ^2/NDF : 1433352.7/32

asym_bpm0i07WS_mean vs Slug



Right In: -520.267 ± 89.241 χ^2/NDF : 288.1/16

Left Out: 282.049 ± 68.771 χ^2/NDF : 793.8/14

Right Out: 834.834 ± 82.273 χ^2/NDF : 434.7/18

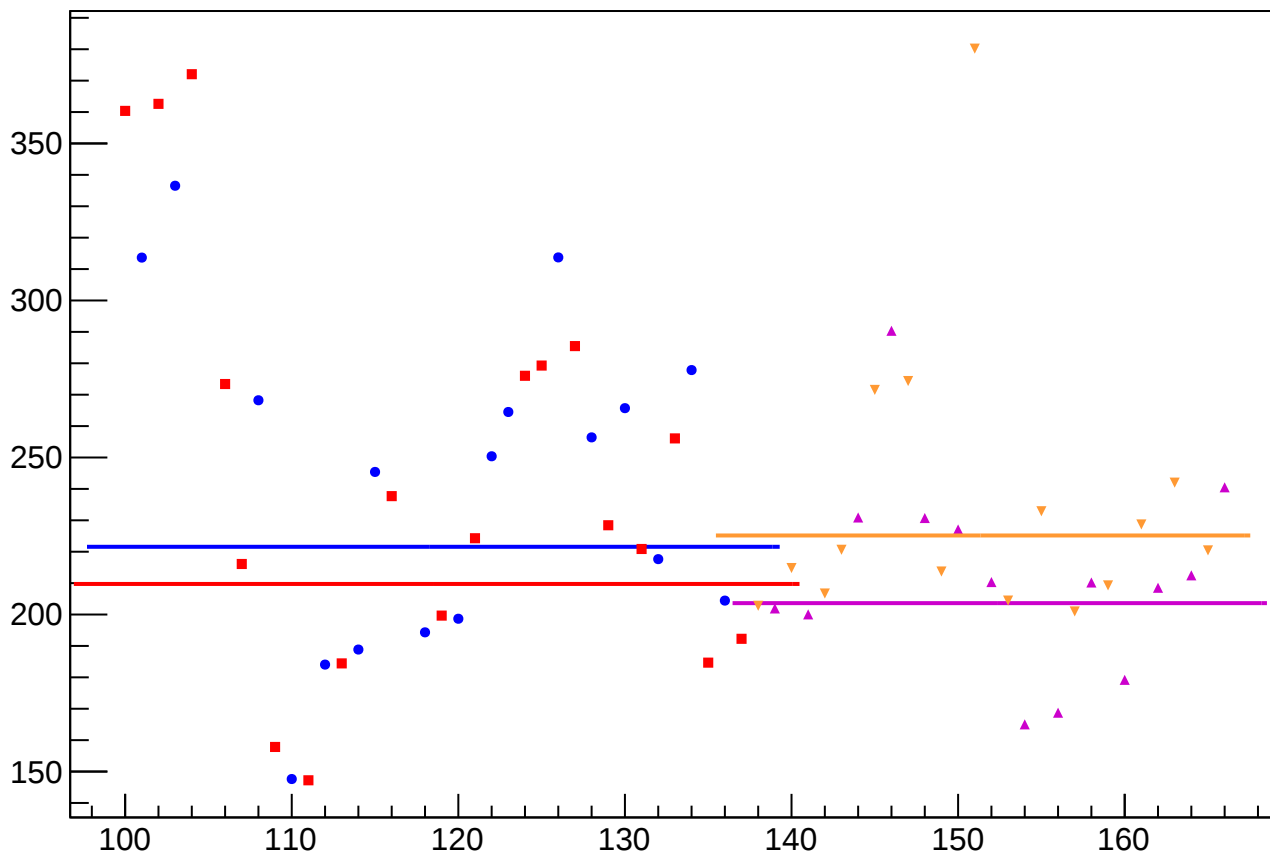
Left In: 562.871 ± 63.513 χ^2/NDF : 1515.1/13

+ sign -16.889 ± 54.473 χ^2/NDF : 1132.6/31

All: 351.029 ± 36.945 χ^2/NDF : 3173.8/64

- sign 664.426 ± 50.275 χ^2/NDF : 1956.7/32

asym_bpm0i07WS_rms vs Slug



Right In: 221.570 $\pm$ 0.063 χ^2 /NDF: 644941.4/16

Left Out: 225.172 $\pm$ 0.049 χ^2 /NDF: 437166.7/14

Right Out: 209.736 $\pm$ 0.058 χ^2 /NDF: 883922.1/18

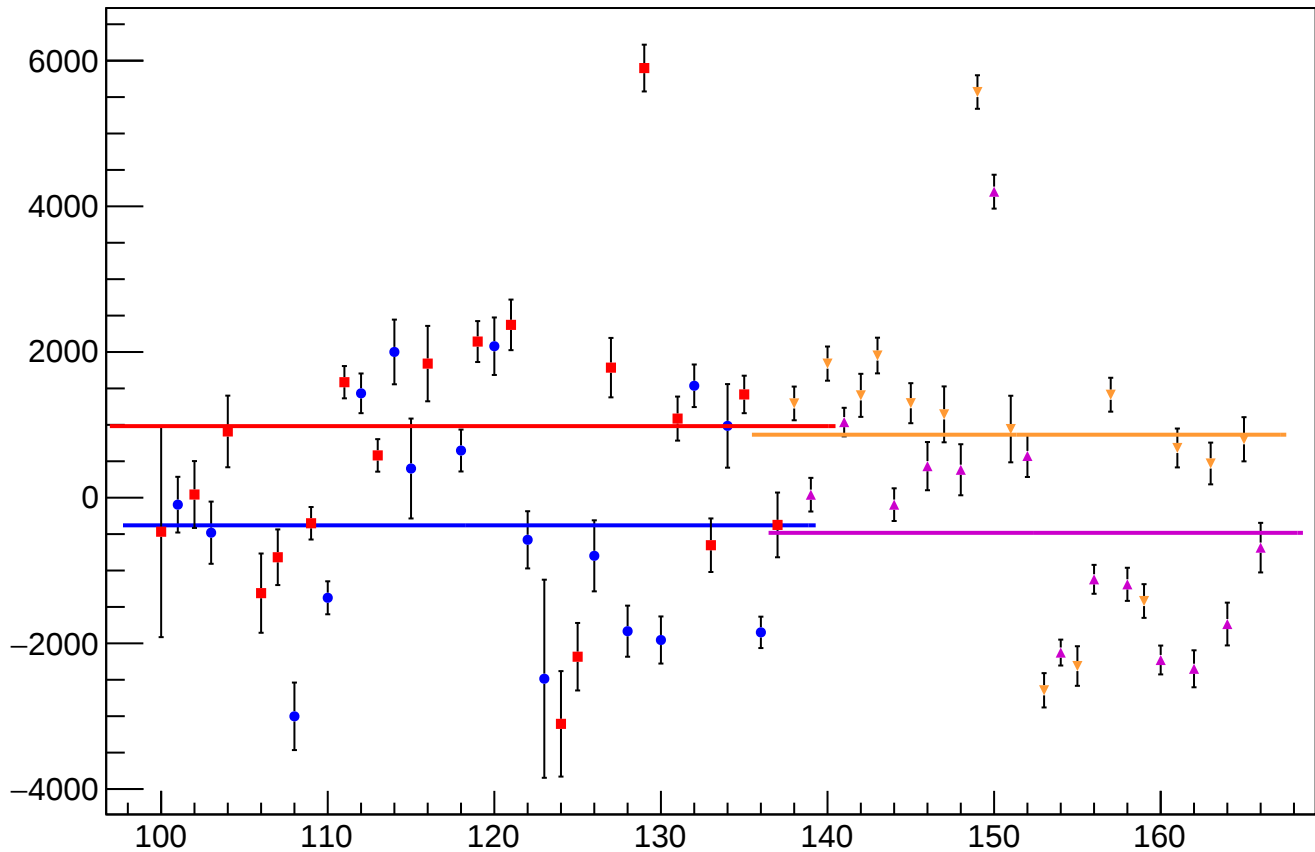
Left In: 203.627 $\pm$ 0.045 χ^2 /NDF: 422565.5/13

+ sign 223.830 $\pm$ 0.039 χ^2 /NDF: 1084153.1/31

All: 214.152 $\pm$ 0.026 χ^2 /NDF: 2514453.9/64

- sign 205.908 $\pm$ 0.036 χ^2 /NDF: 1313396.3/32

asym_bpm0l01WS_mean vs Slug



Right In: -379.647 ± 84.260 χ^2/NDF : 317.2/16

Left Out: 864.783 ± 68.295 χ^2/NDF : 927.7/14

Right Out: 982.539 ± 77.724 χ^2/NDF : 476.3/18

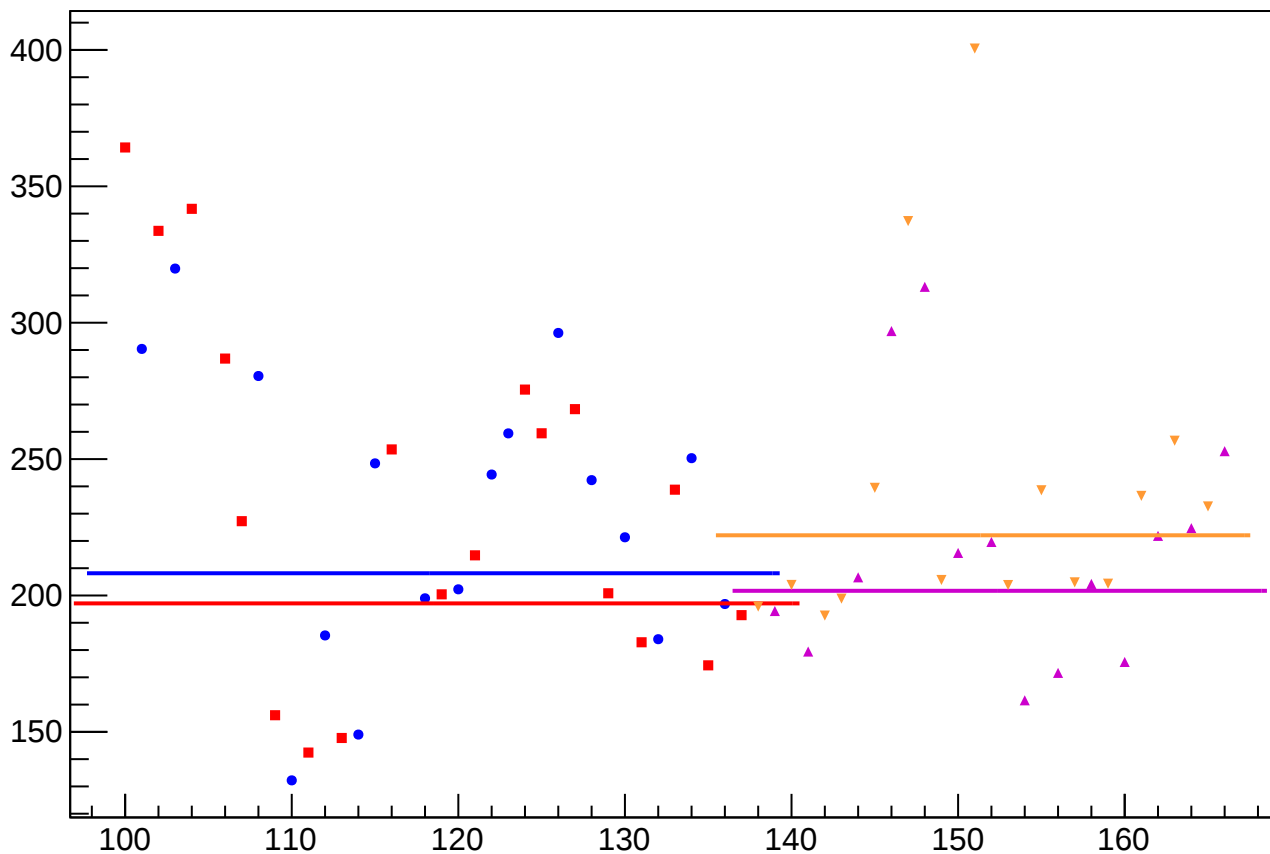
Left In: -482.676 ± 63.255 χ^2/NDF : 756.5/13

+ sign 371.387 ± 53.056 χ^2/NDF : 1376.5/31

All: 225.697 ± 36.021 χ^2/NDF : 2837.0/64

- sign 101.119 ± 49.061 χ^2/NDF : 1446.5/32

asym_bpm0l01WS_rms vs Slug



Right In: 208.151+/-0.060 χ^2/NDF : 699084.2/16

Left Out: 222.068+/-0.048 χ^2/NDF : 658267.1/14

Right Out: 197.103+/-0.055 χ^2/NDF : 926467.5/18

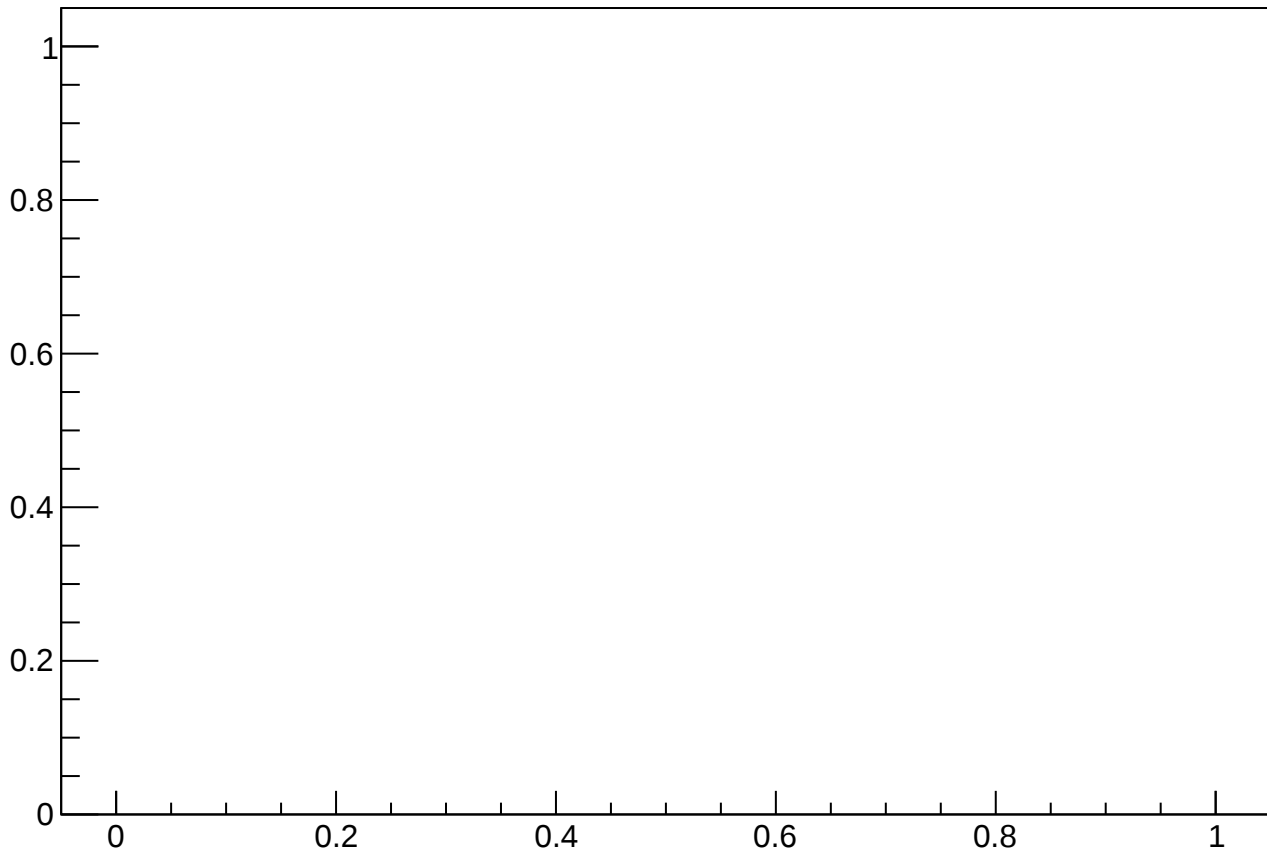
Left In: 201.715+/-0.045 χ^2/NDF : 664236.9/13

+ sign 216.550+/-0.038 χ^2/NDF : 1390282.0/31

All: 207.563+/-0.025 χ^2/NDF : 3091694.1/64

- sign 199.877+/-0.035 χ^2/NDF : 1594941.5/32

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

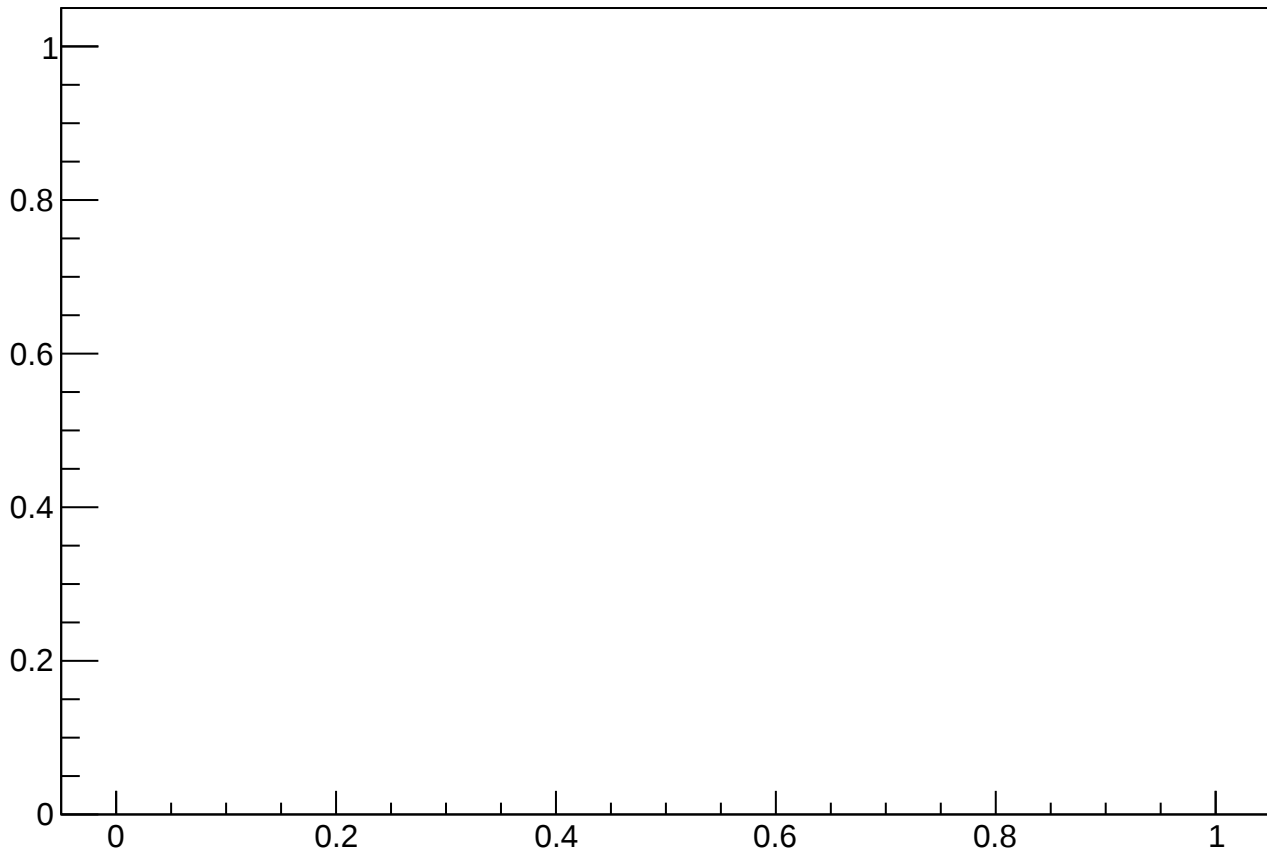
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

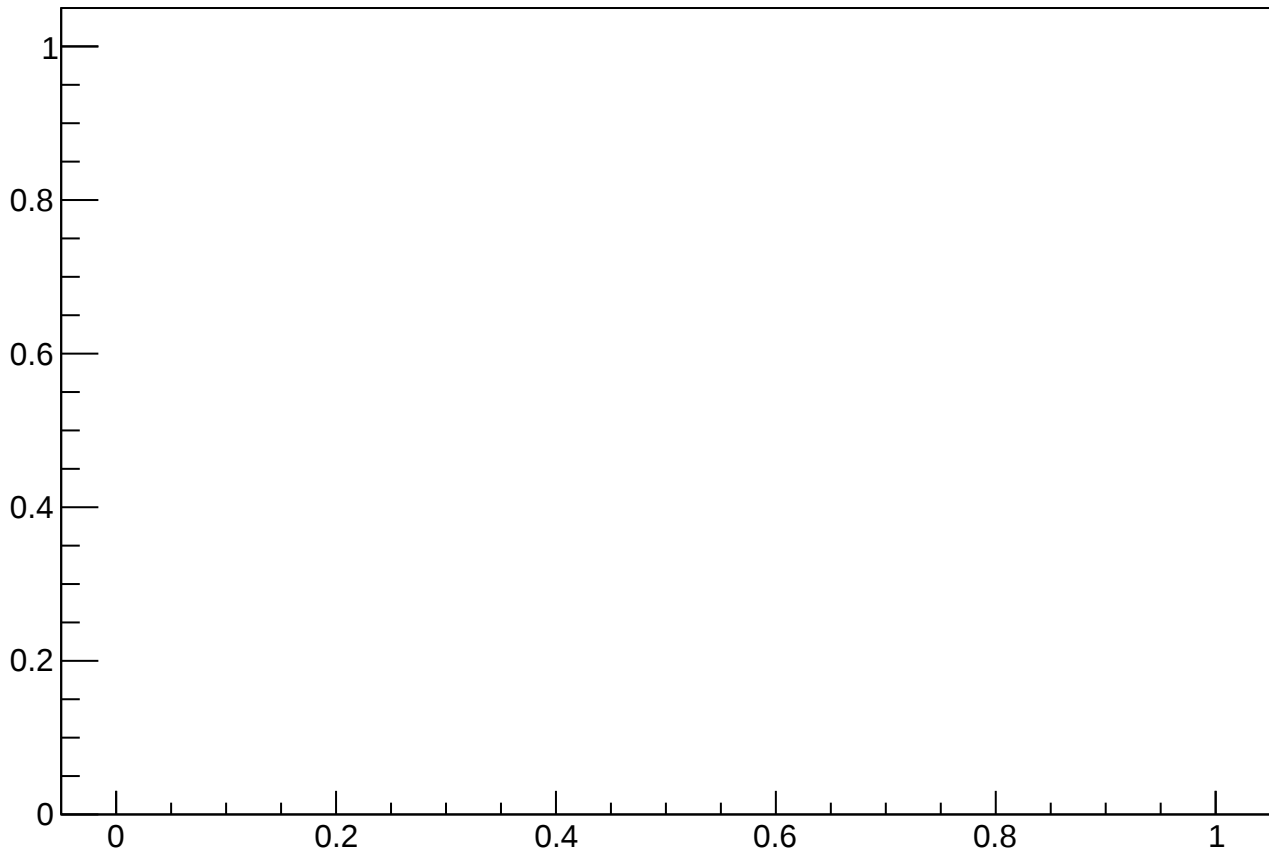
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

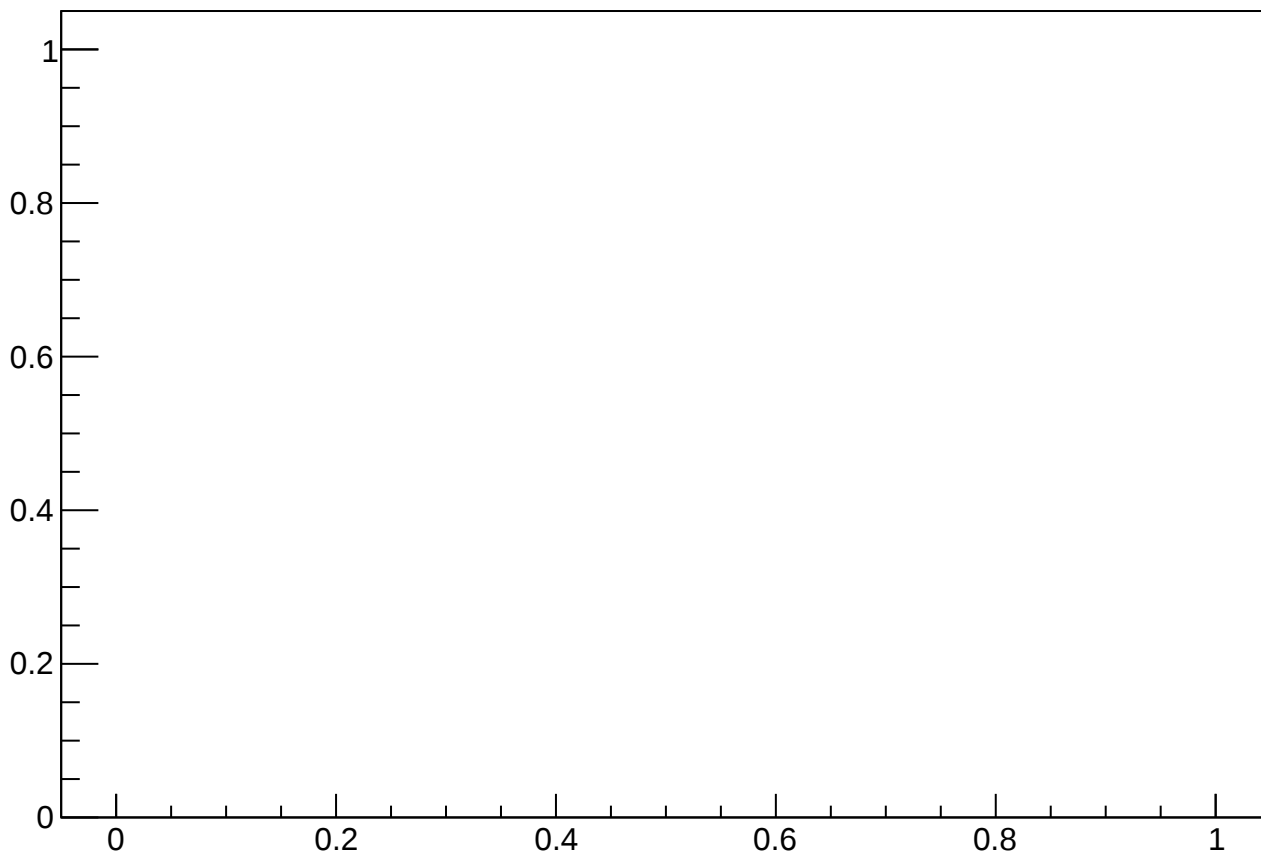
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

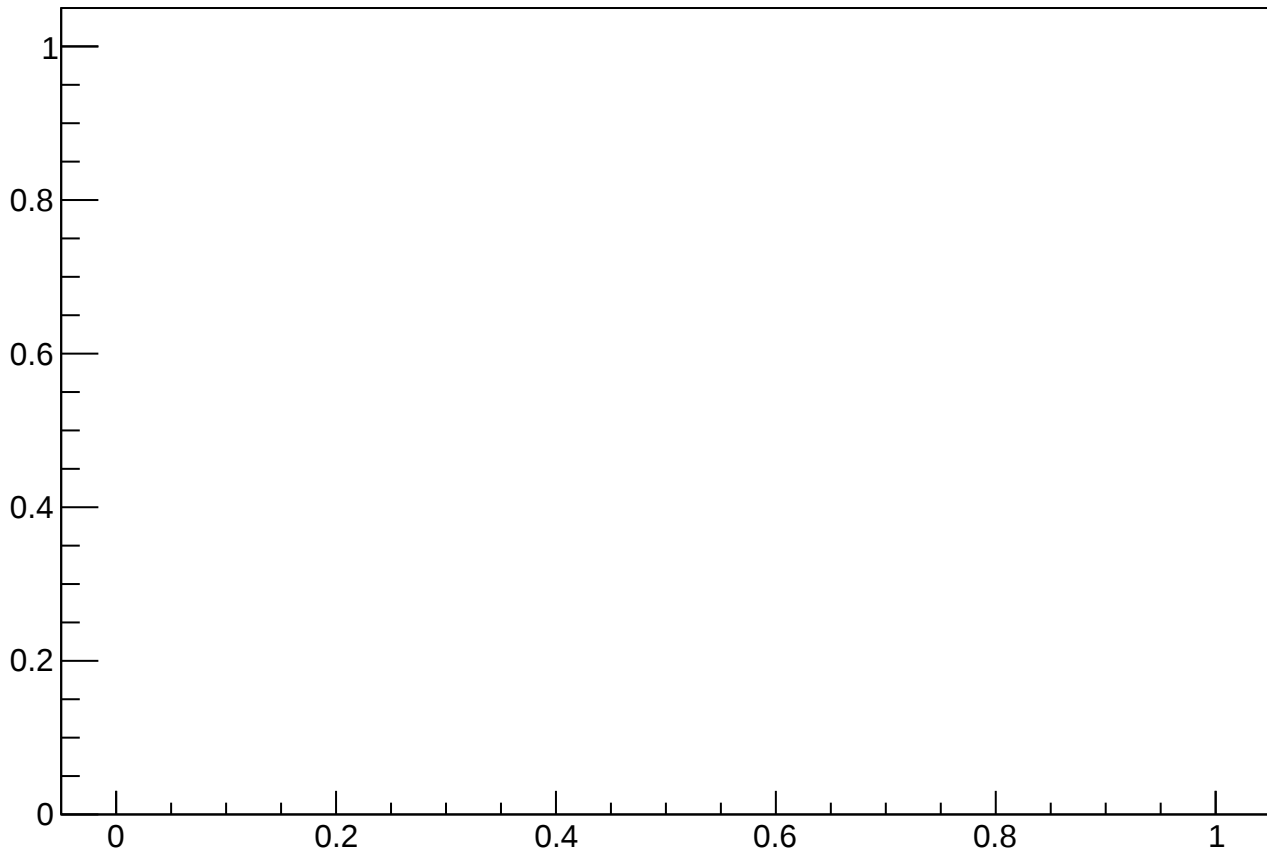
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

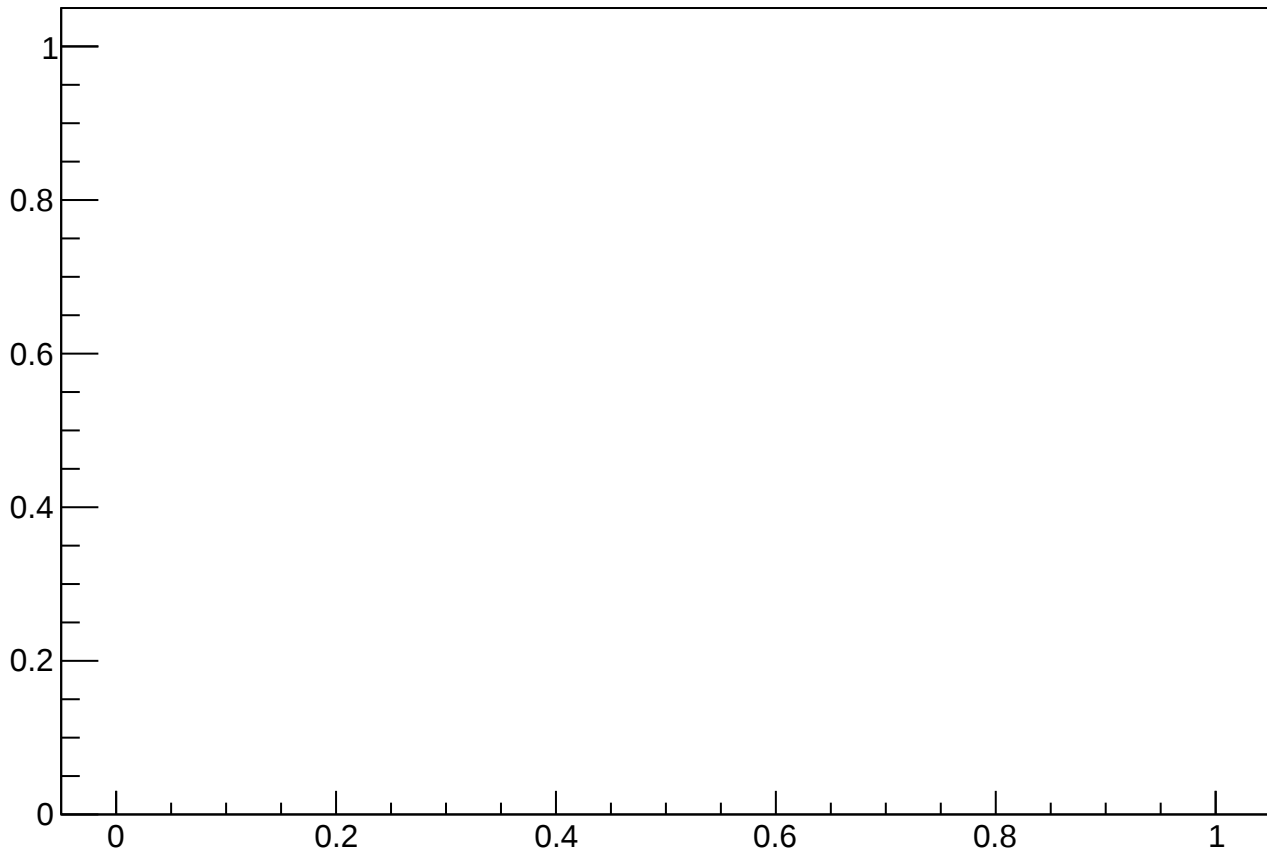
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

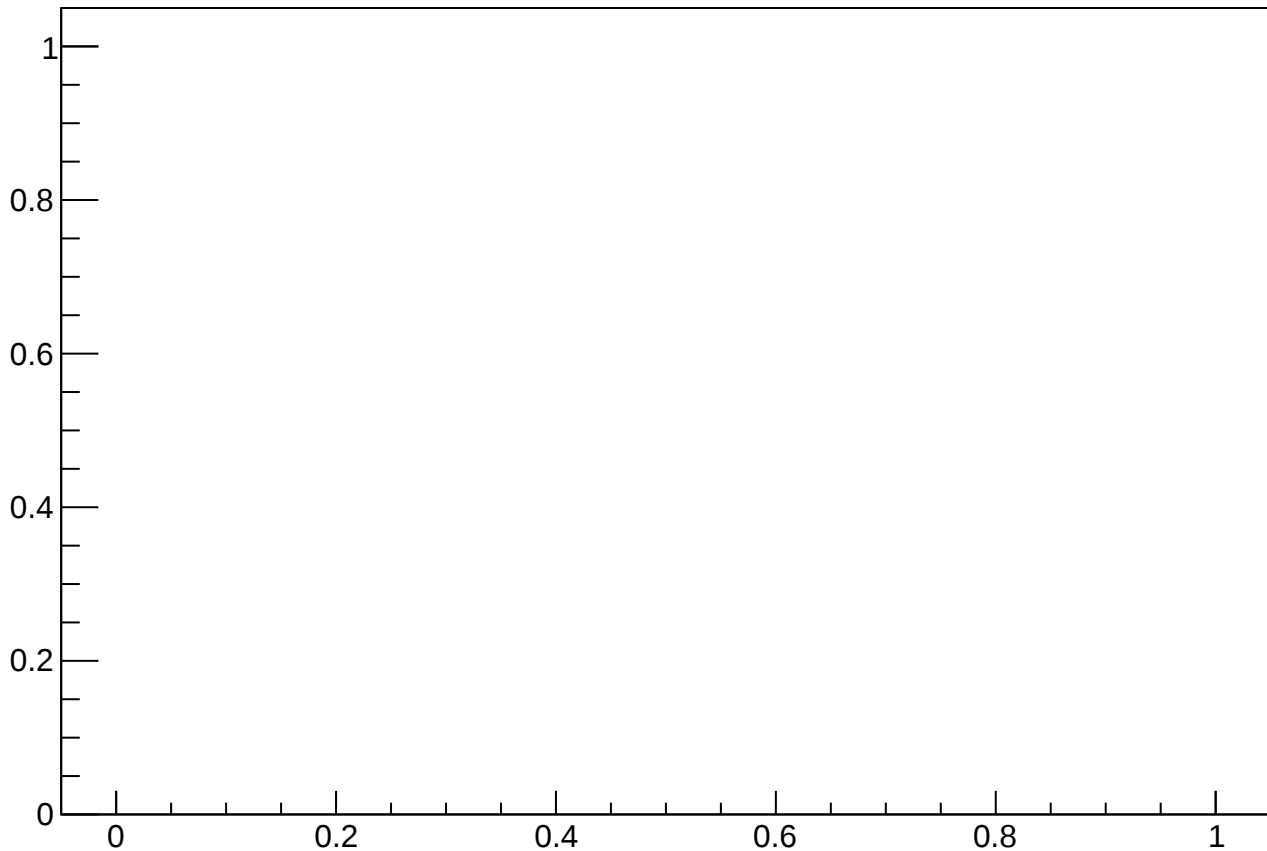
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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+/-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

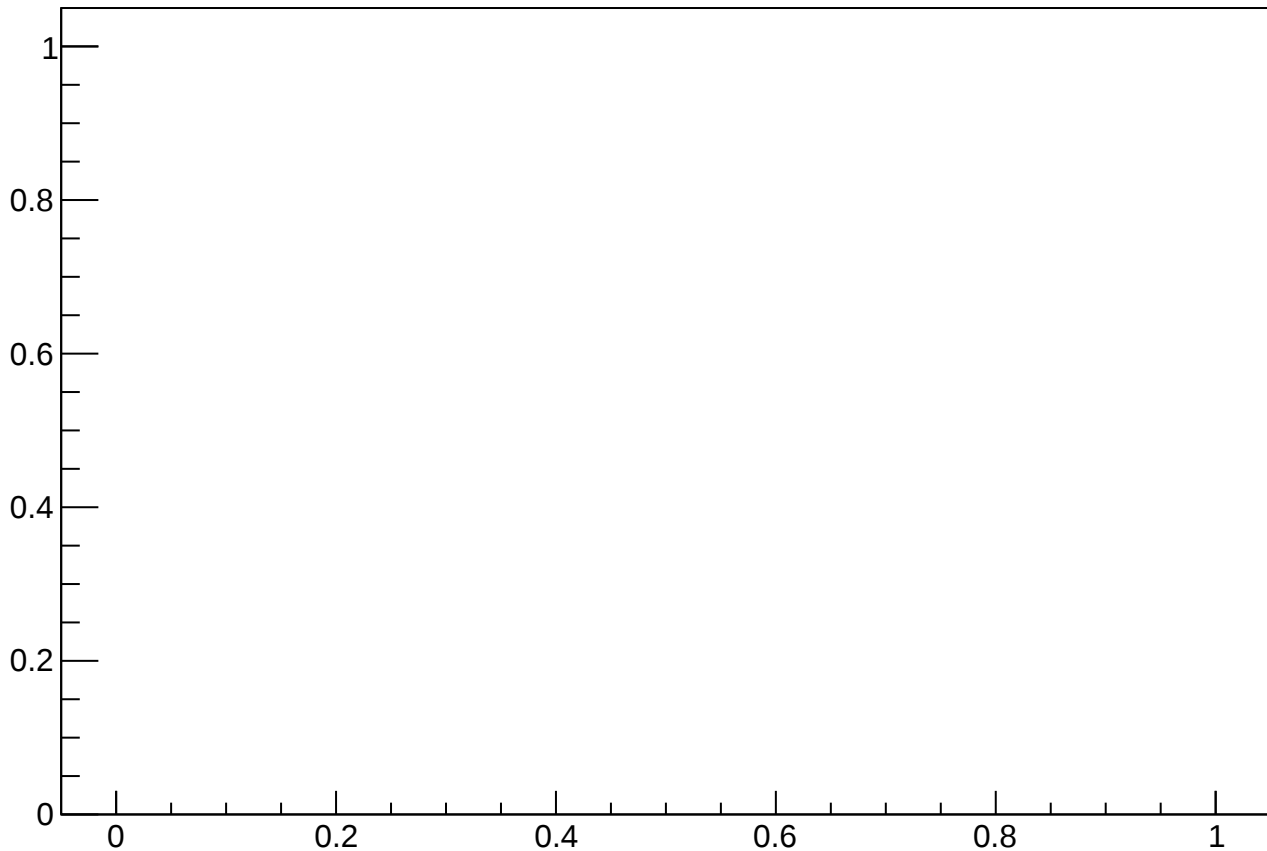
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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

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

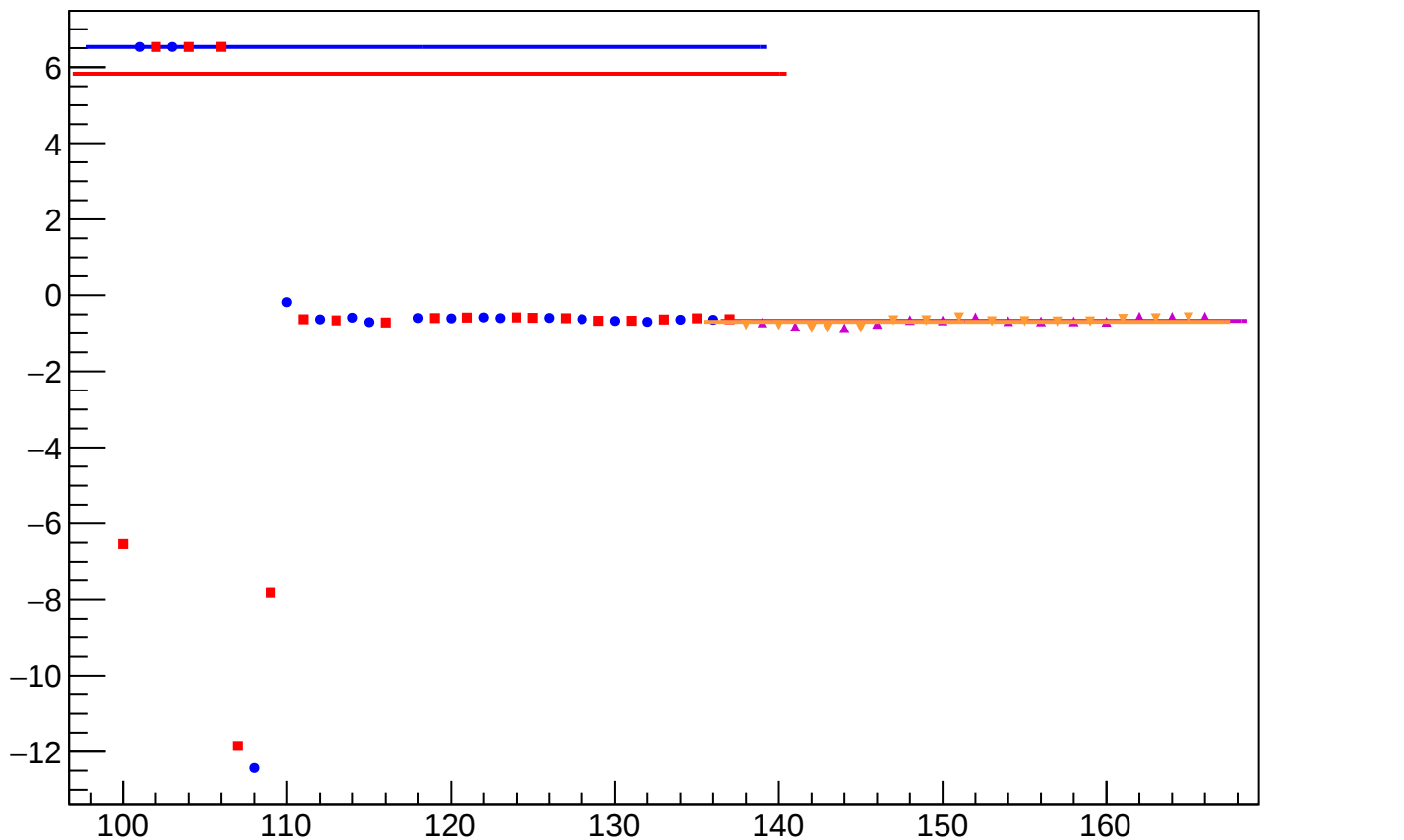
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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+/-0.000 χ^2/NDF : 127219747629.7/16

Left Out: -0.696+/-0.000 χ^2/NDF : 105740127.4/14

Right Out: 5.827+/-0.000 χ^2/NDF : 755963218053643.4/18

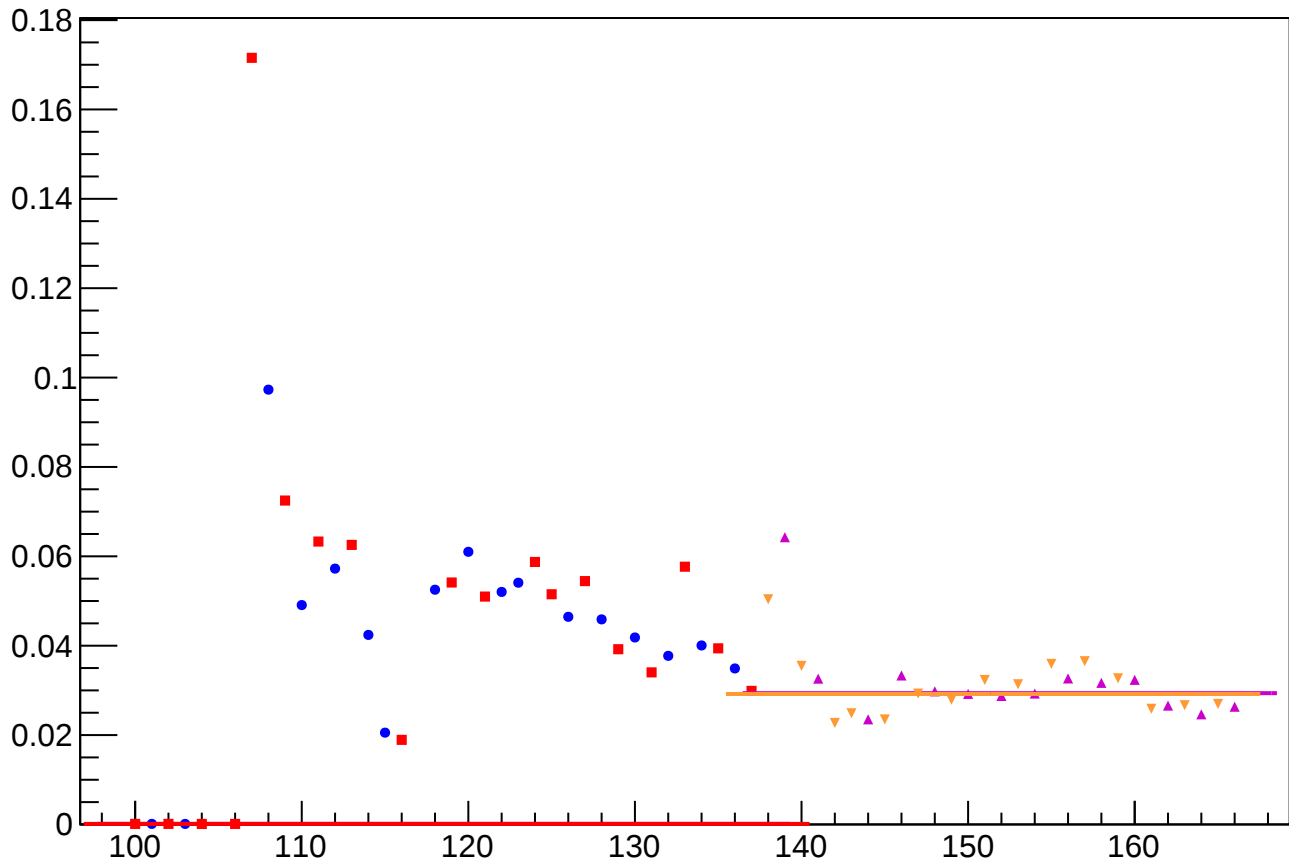
Left In: -0.670+/-0.000 χ^2/NDF : 94216724.7/13

+ sign 6.531+/-0.000 χ^2/NDF : 667575375510.0/31

All: 6.154+/-0.000 χ^2/NDF : 7770490056459

- sign 5.827+/-0.000 χ^2/NDF : 756388270081699.1/17

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8888070.2/16

Left Out: 0.029+/-0.000 χ^2/NDF : 571322.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 9349631.9/18

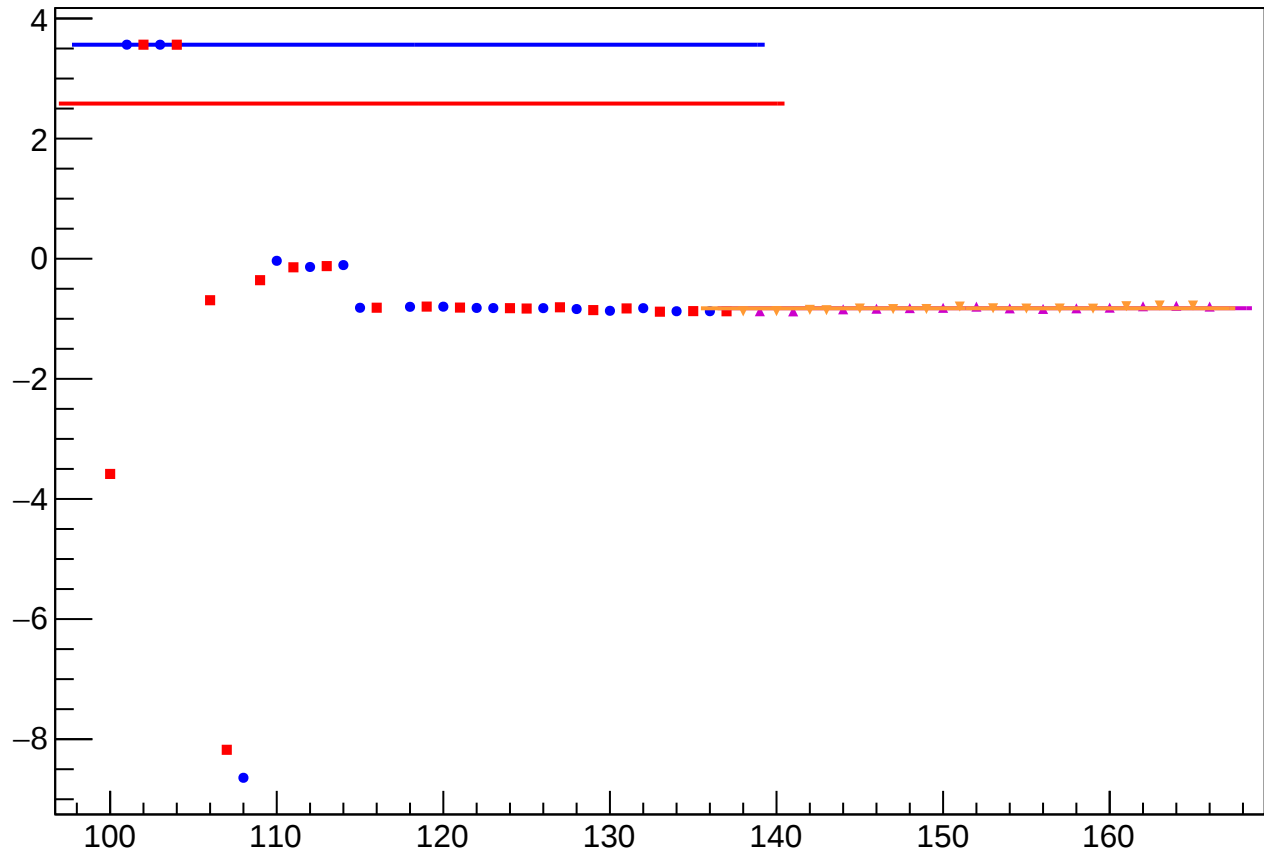
Left In: 0.029+/-0.000 χ^2/NDF : 615705.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 26942839.8/31

All: 0.000+/-0.000 χ^2/NDF : 54138921.9/64

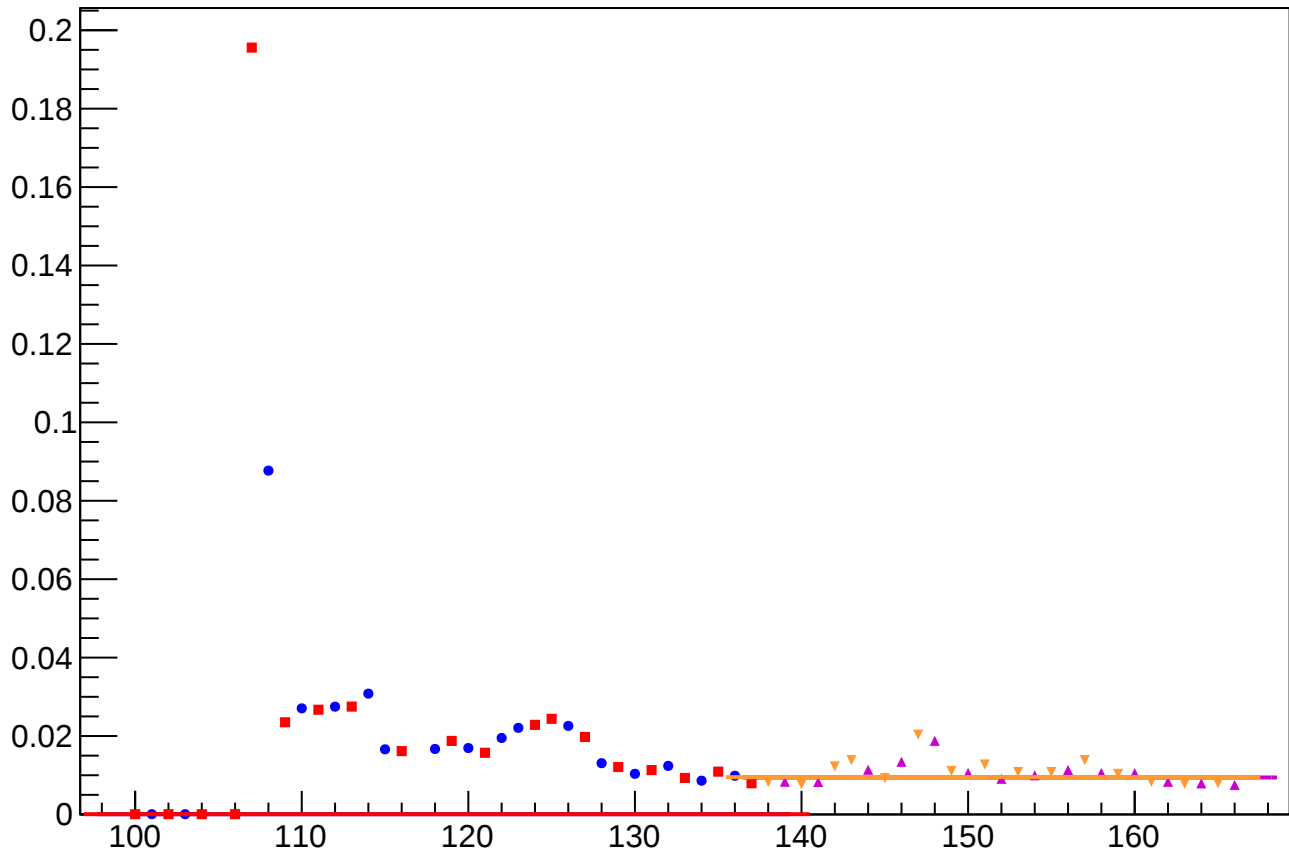
- sign 0.000+/-0.000 χ^2/NDF : 27195639.6/32

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000	χ^2/NDF : 481634392464.0/16	+ sign 3.562+/-0.000	χ^2/NDF : 2316900137299.7/31
Left Out: -0.825+/-0.000	χ^2/NDF : 124469014.8/14	All: 3.039+/-0.000	χ^2/NDF : 13851138323400
Right Out: 2.583+/-0.000	χ^2/NDF : 1253502070019187.0/18	- sign 2.582+/-0.000	χ^2/NDF : 1254617948635371.2
Left In: -0.824+/-0.000	χ^2/NDF : 99278319.2/13		

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9724059.3/16

Left Out: 0.010+/-0.000 χ^2/NDF :1018363.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 9861757.0/18

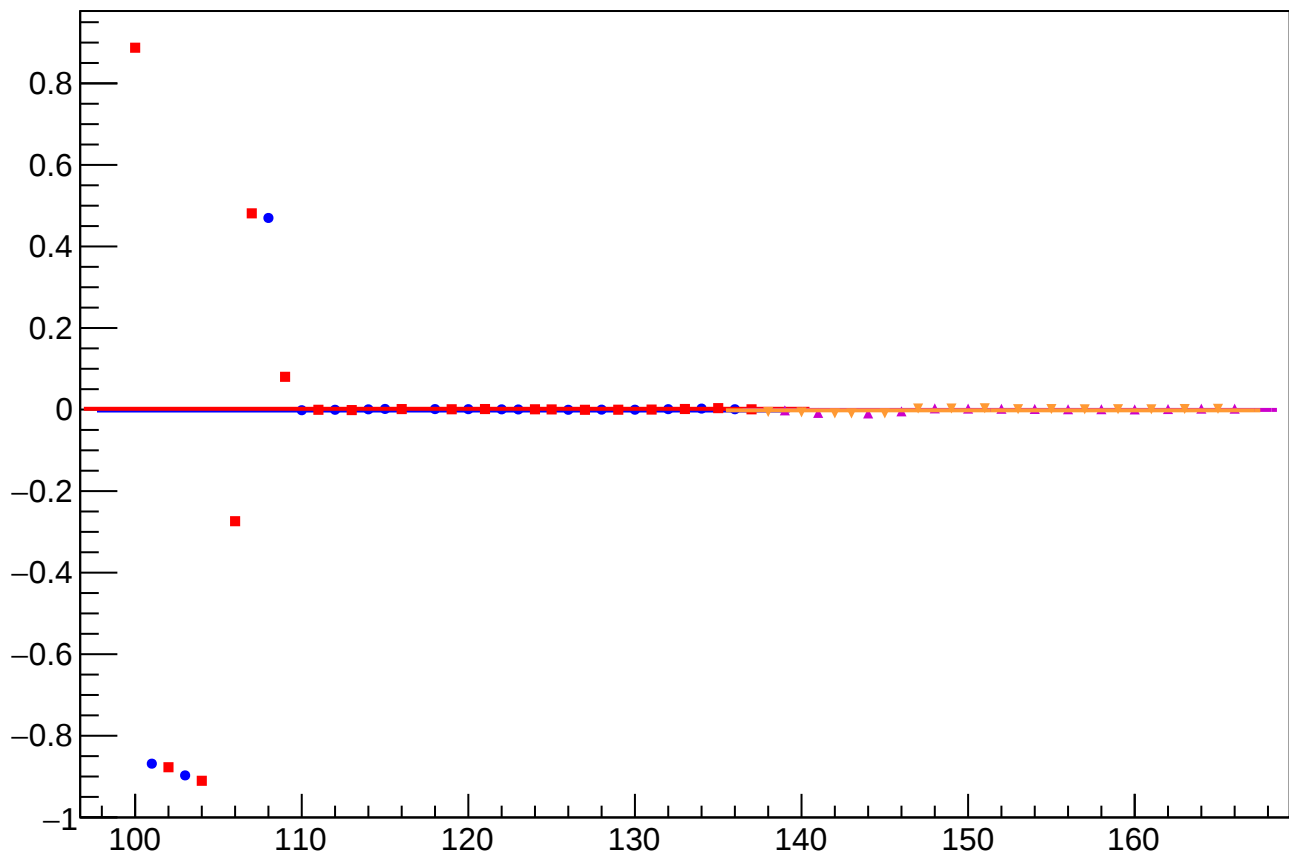
Left In: 0.009+/-0.000 χ^2/NDF :746421.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 27738894.1/31

All: 0.000+/-0.000 χ^2/NDF : 55185370.8/64

- sign 0.000+/-0.000 χ^2/NDF : 27445900.5/32

yield_cav4cX_mean vs Slug



Right In: -0.002 ± 0.000 χ^2/NDF : 9794863405.3/16

Left Out: -0.002 ± 0.000 χ^2/NDF : 89341772.8/14

Right Out: 0.002 ± 0.000 χ^2/NDF : 3041319824.4/18

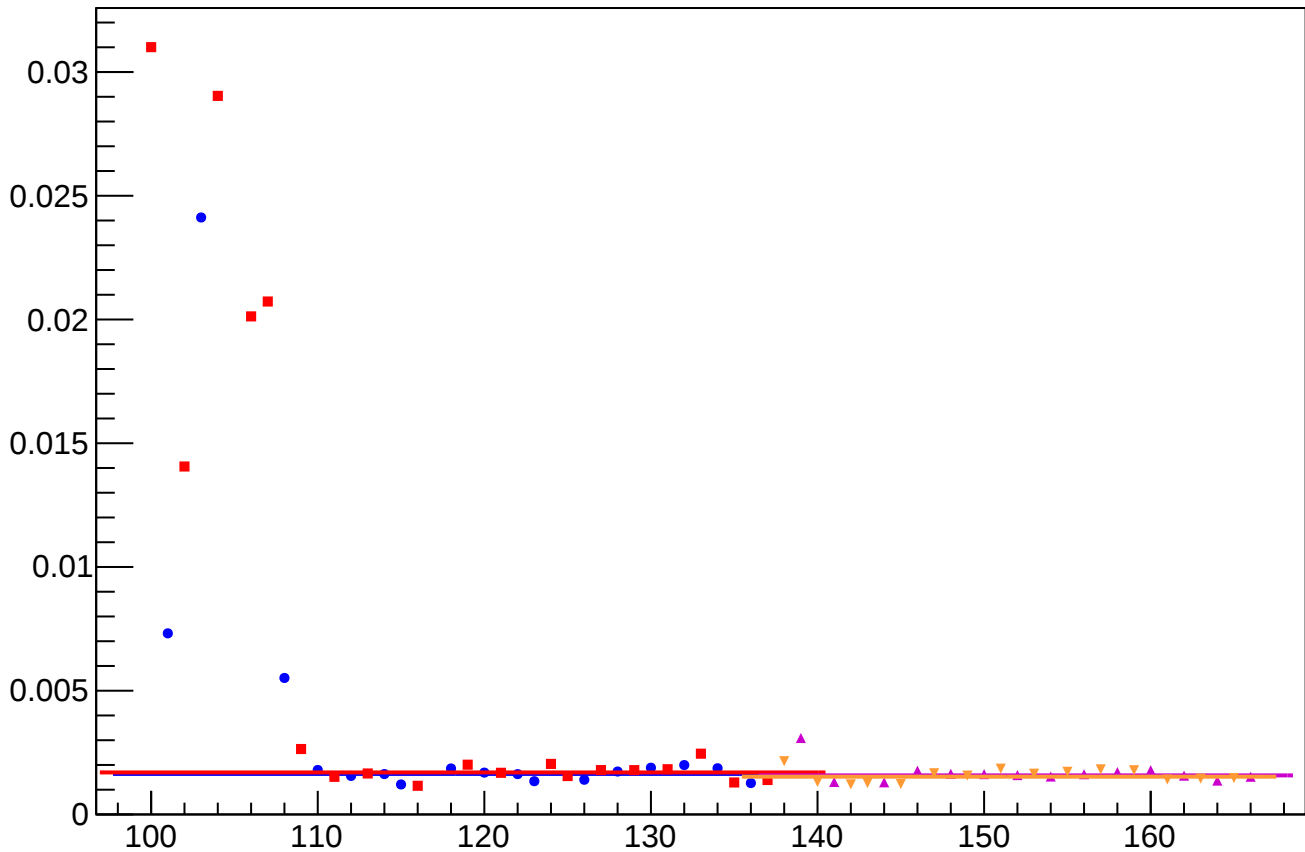
Left In: -0.001 ± 0.000 χ^2/NDF : 65485997.5/13

+ sign -0.002 ± 0.000 χ^2/NDF : 9884440492.2/31

All: -0.001 ± 0.000 χ^2/NDF : 13009660434.3/32

- sign -0.000 ± 0.000 χ^2/NDF : 3114741790.5/32

yield_cav4cX_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1916349.1/16

Left Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 420415.7/14

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3023899.0/18

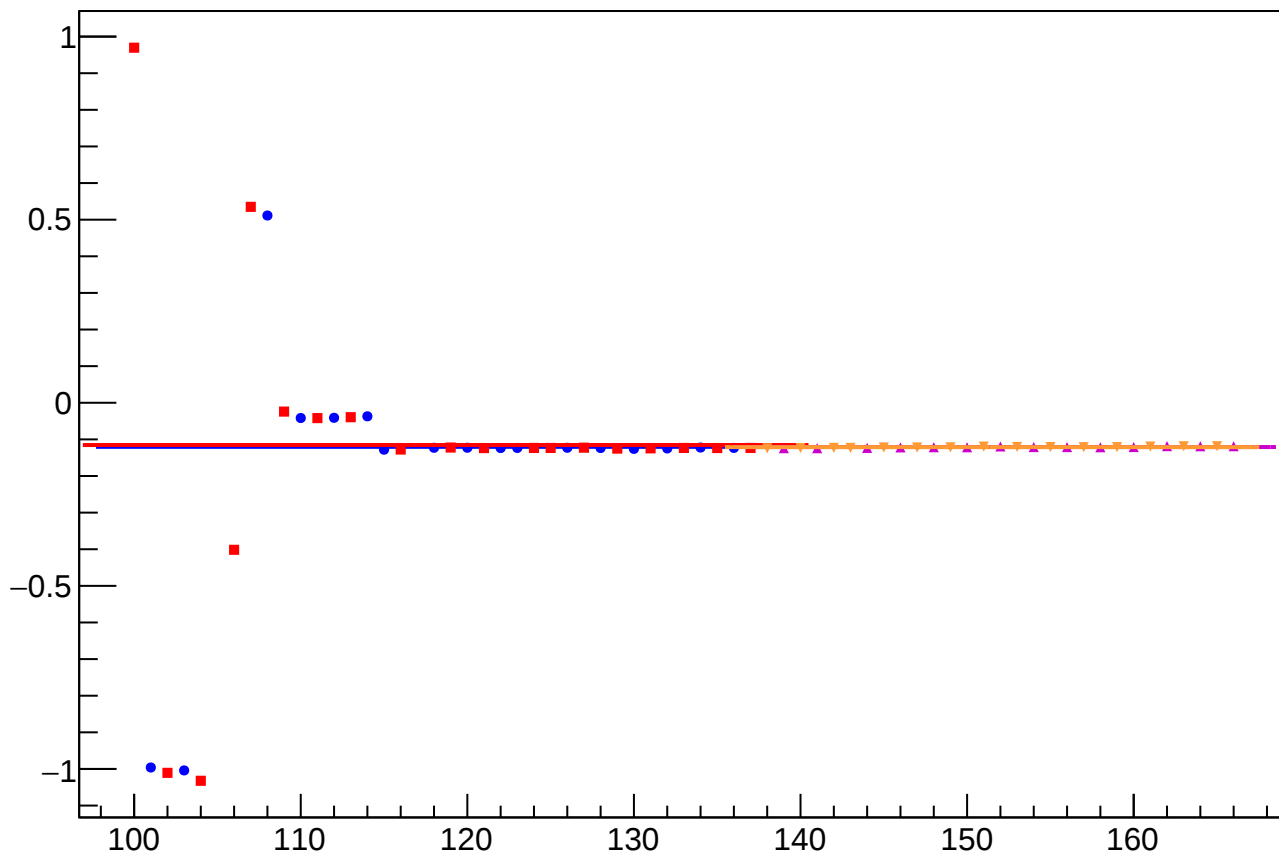
Left In: 0.002 $\pm$ 0.000 χ^2 /NDF: 522124.7/13

+ sign 0.002 $\pm$ 0.000 χ^2 /NDF: 2365428.2/31

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 5957271.8/64

- sign 0.002 $\pm$ 0.000 χ^2 /NDF: 3576301.7/32

yield_cav4cY_mean vs Slug



Right In: -0.120+/-0.000 χ^2/NDF : 3932144335.2/16

Left Out: -0.121+/-0.000 χ^2/NDF : 25095570.4/14

Right Out: -0.115+/-0.000 χ^2/NDF : 2456843337.8/18

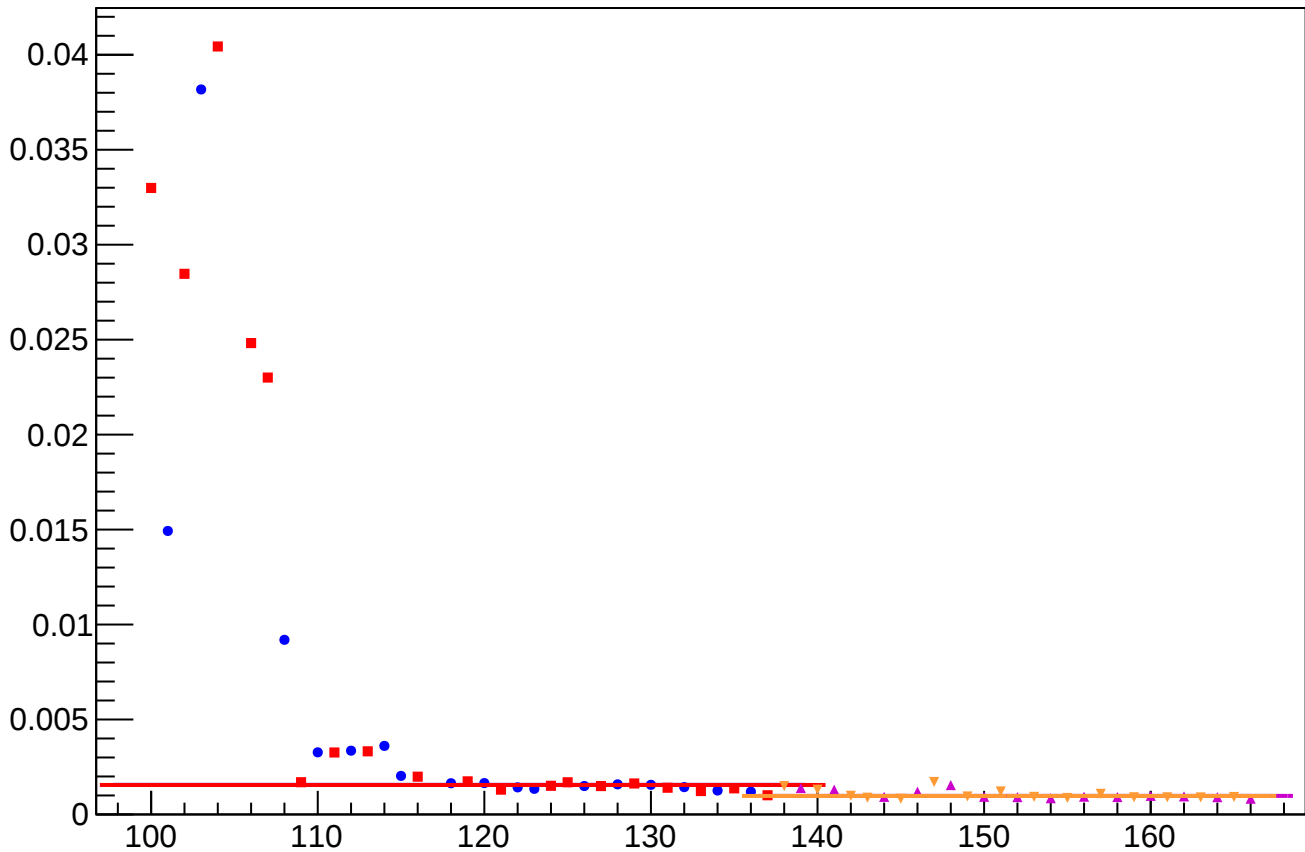
Left In: -0.121+/-0.000 χ^2/NDF : 28135898.8/13

+ sign -0.121+/-0.000 χ^2/NDF : 3958197433.6/31

All: -0.121+/-0.000 χ^2/NDF : 6496670748.0/6

- sign -0.120+/-0.000 χ^2/NDF : 2533242531.1/32

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2901093.3/16

Left Out: 0.001+/-0.000 χ^2/NDF : 716060.4/14

Right Out: 0.002+/-0.000 χ^2/NDF : 3539455.6/18

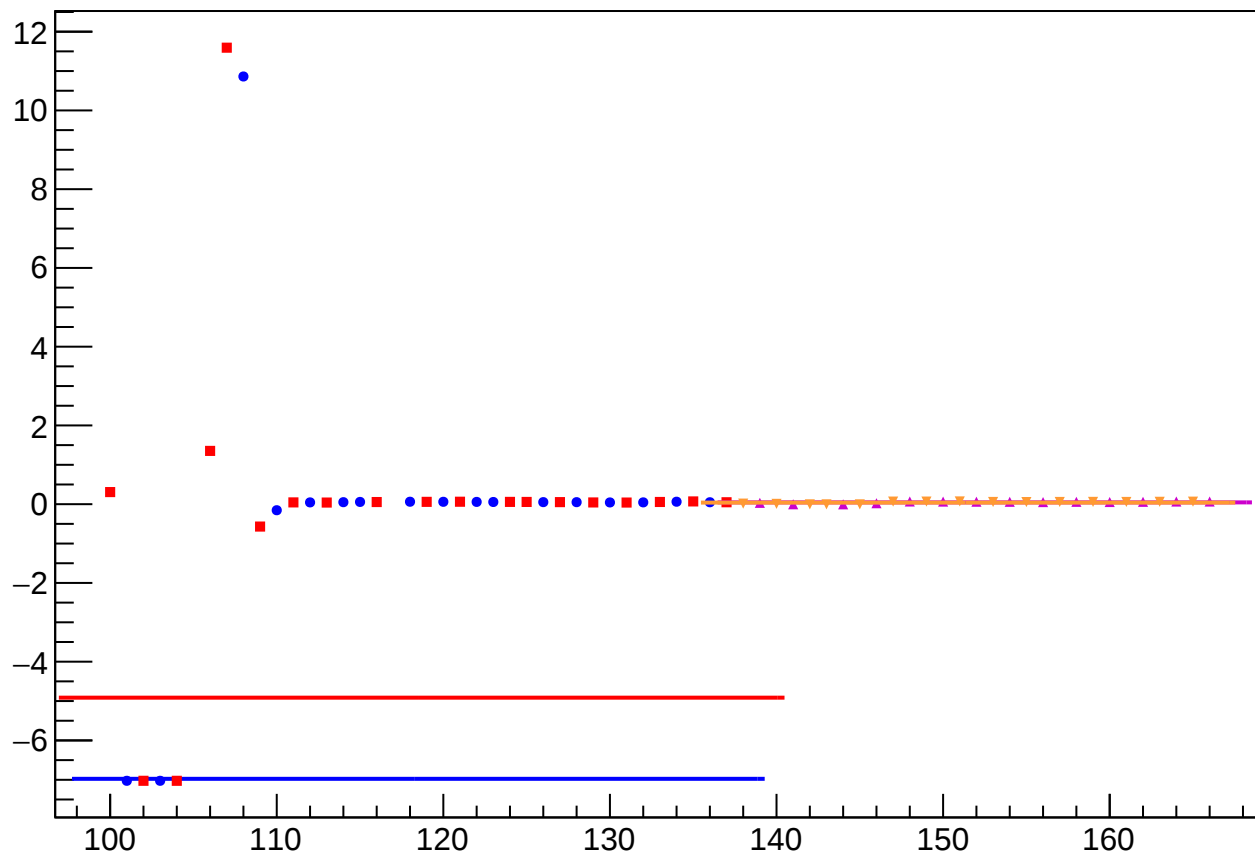
Left In: 0.001+/-0.000 χ^2/NDF : 563661.7/13

+ sign 0.001+/-0.000 χ^2/NDF : 4705384.2/31

All: 0.001+/-0.000 χ^2/NDF : 9865863.1/64

- sign 0.001+/-0.000 χ^2/NDF : 5160099.5/32

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2 /NDF: 8749579700722.8/16

Left Out: 0.040+/-0.000 χ^2 /NDF: 91620477.7/14

Right Out: -4.914+/-0.000 χ^2 /NDF: 365358092730279.9/18

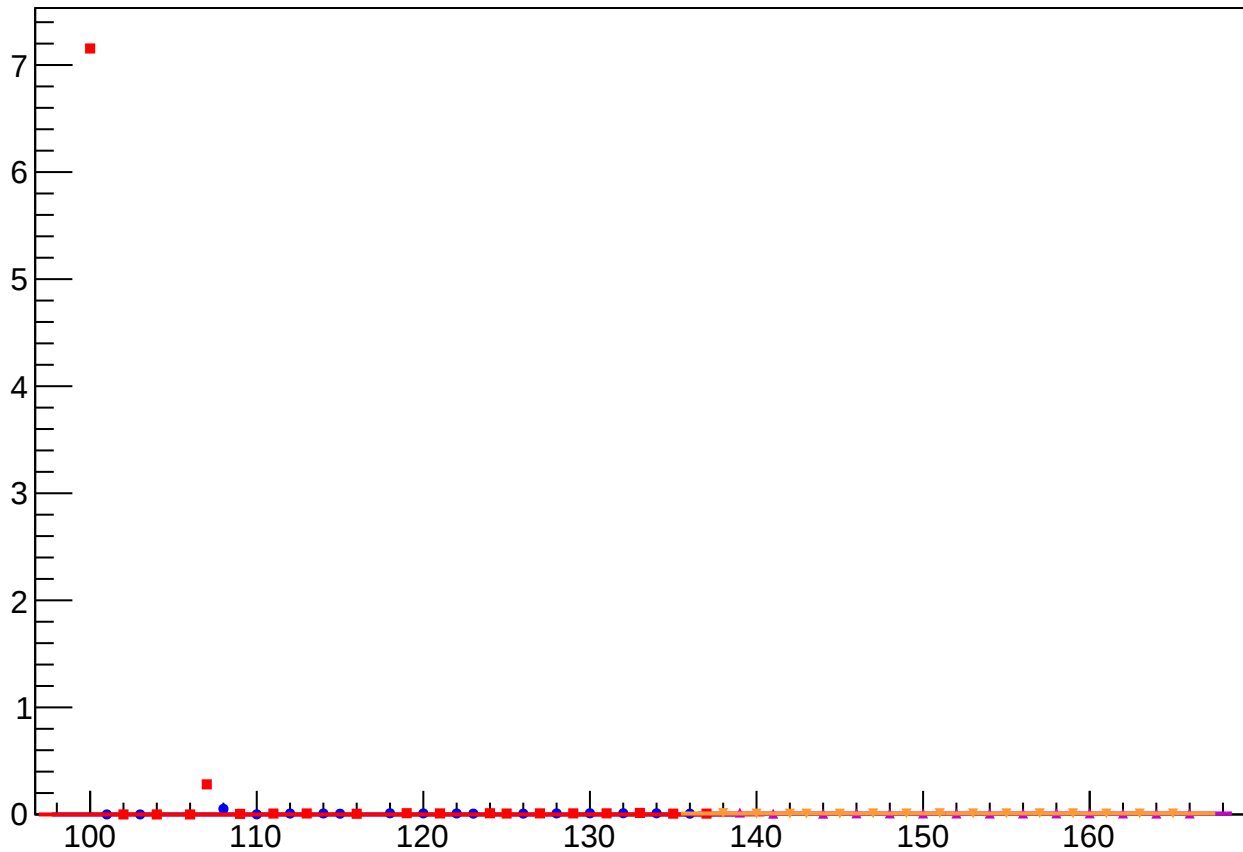
Left In: 0.046+/-0.000 χ^2 /NDF: 73308407.2/13

+ sign -6.945+/-0.000 χ^2 /NDF: 14048045560490.4/16

All: -5.877+/-0.000 χ^2 /NDF: 4376395090101.0/16

- sign -4.896+/-0.000 χ^2 /NDF: 367816402923708.7/16

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8242728.7/16

Left Out: 0.009+/-0.000 χ^2/NDF : 413262.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 8775982.6/18

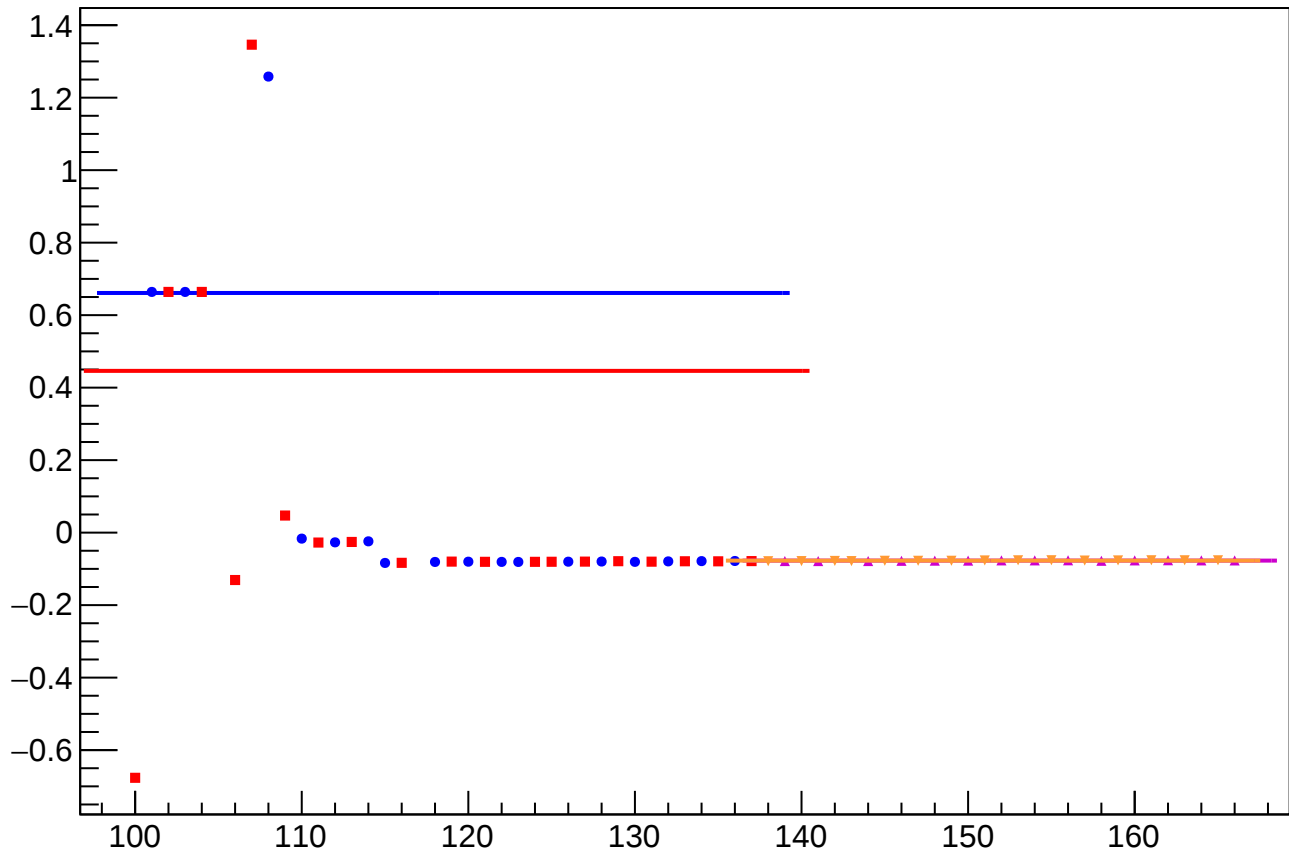
Left In: 0.009+/-0.000 χ^2/NDF : 515104.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 25453603.5/31

All: 0.000+/-0.000 χ^2/NDF : 51454103.2/64

- sign 0.000+/-0.000 χ^2/NDF : 25998901.7/32

yield_cav4dY_mean vs Slug



Right In: 0.661+/-0.000 χ^2/NDF : 5607525081216.0/16

Left Out: -0.077+/-0.000 χ^2/NDF : 27416183.0/14

Right Out: 0.446+/-0.000 χ^2/NDF : 405416924315199.0/18

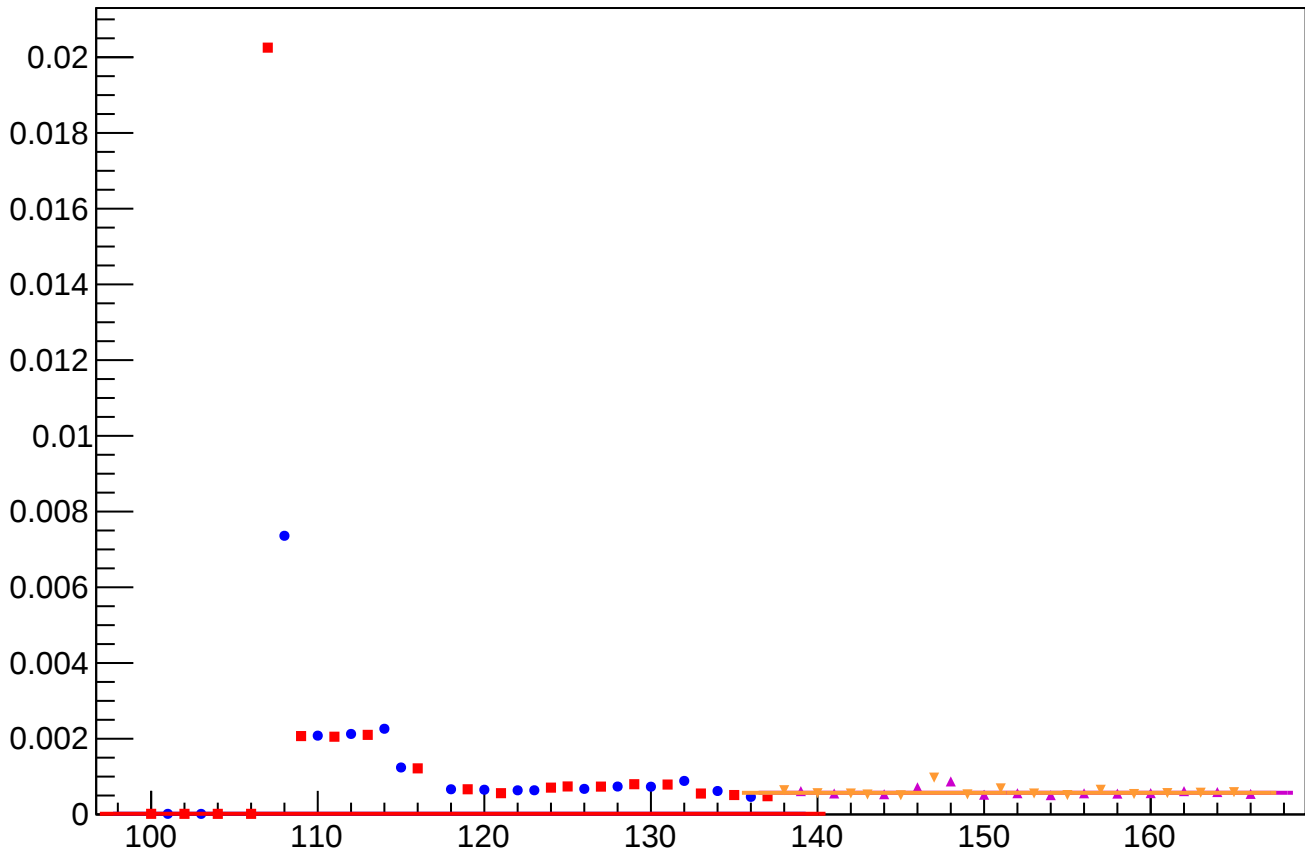
Left In: -0.077+/-0.000 χ^2/NDF : 19999985.9/13

+ sign 0.652+/-0.000 χ^2/NDF : 22900908169016.0/3

All: 0.542+/-0.000 χ^2/NDF : 49858948897257

- sign 0.441+/-0.000 χ^2/NDF : 413951782220993.8/

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9874012.7/16

Left Out: 0.001+/-0.000 χ^2/NDF : 407969.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 9480848.1/18

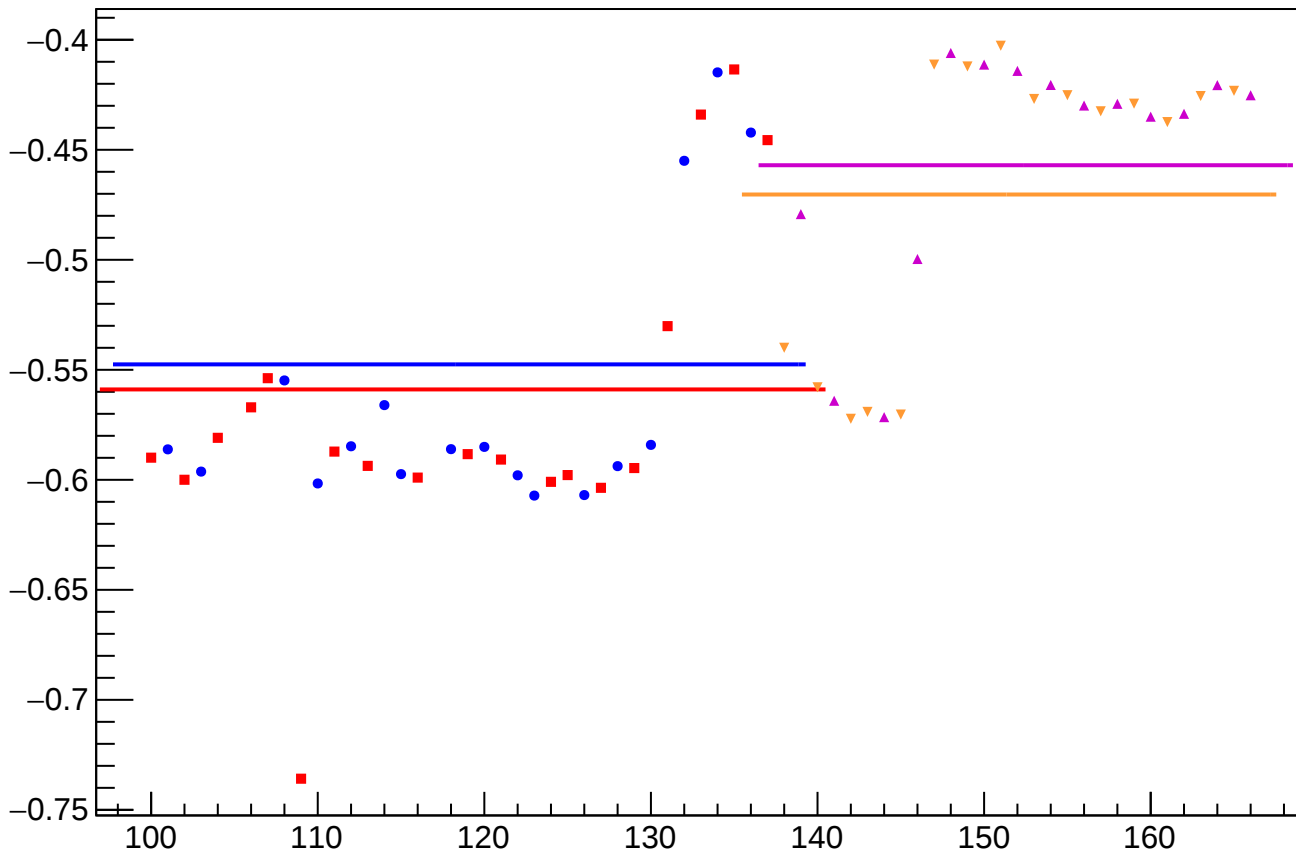
Left In: 0.001+/-0.000 χ^2/NDF : 315692.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 29709031.1/31

All: 0.000+/-0.000 χ^2/NDF : 58653001.0/64

- sign 0.000+/-0.000 χ^2/NDF : 28942478.5/32

yield_bpm4aX_mean vs Slug



Right In: -0.548+/-0.000 χ^2/NDF : 48545285.9/16

Left Out: -0.470+/-0.000 χ^2/NDF : 99782763.0/14

Right Out: -0.559+/-0.000 χ^2/NDF : 65330923.3/18

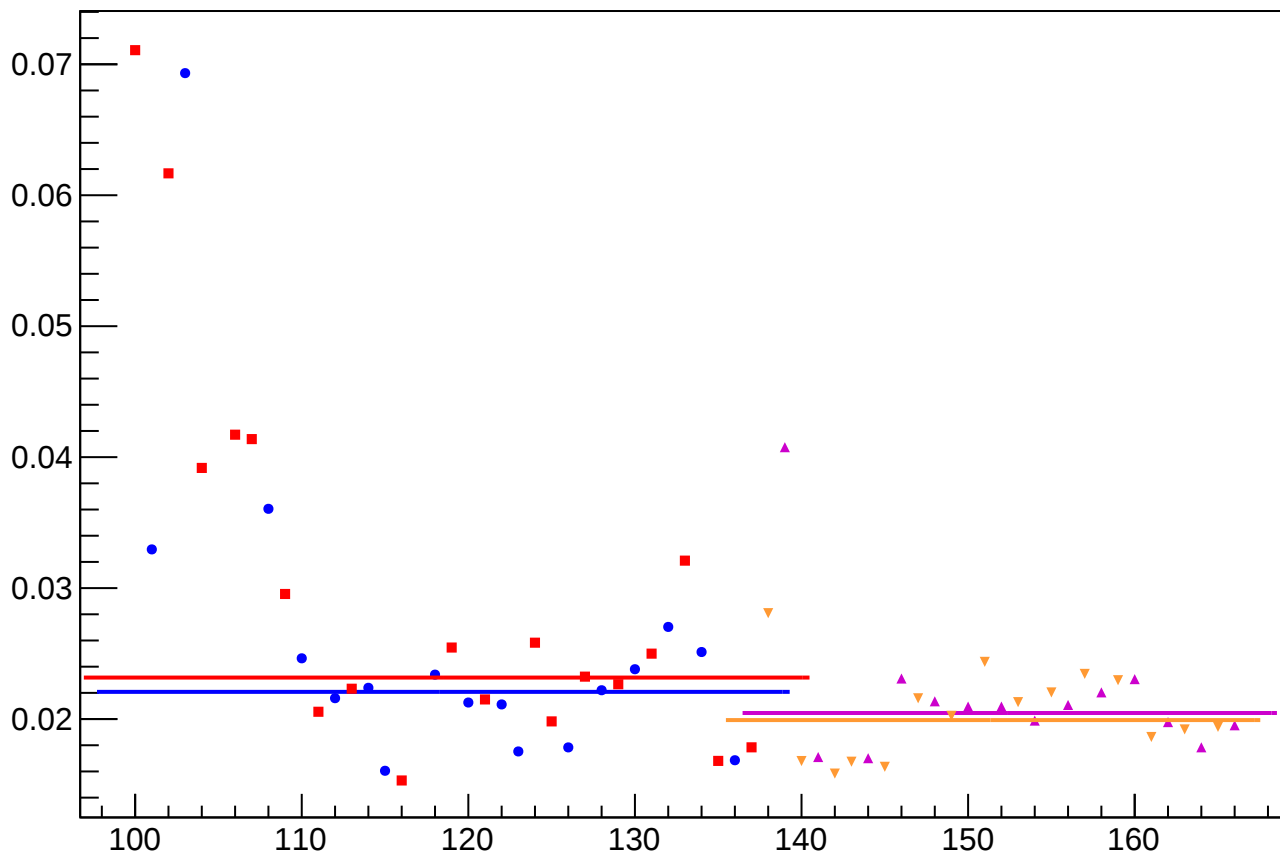
Left In: -0.457+/-0.000 χ^2/NDF : 72559064.4/13

+ sign -0.495+/-0.000 χ^2/NDF : 190326638.4/31

All: -0.493+/-0.000 χ^2/NDF : 398247709.3/64

- sign -0.490+/-0.000 χ^2/NDF : 207527860.1/32

yield_bpm4aX_rms vs Slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 954779.5/16

Left Out: 0.020 $\pm$ 0.000 χ^2 /NDF:393105.0/14

Right Out: 0.023 $\pm$ 0.000 χ^2 /NDF: 1156758.3/18

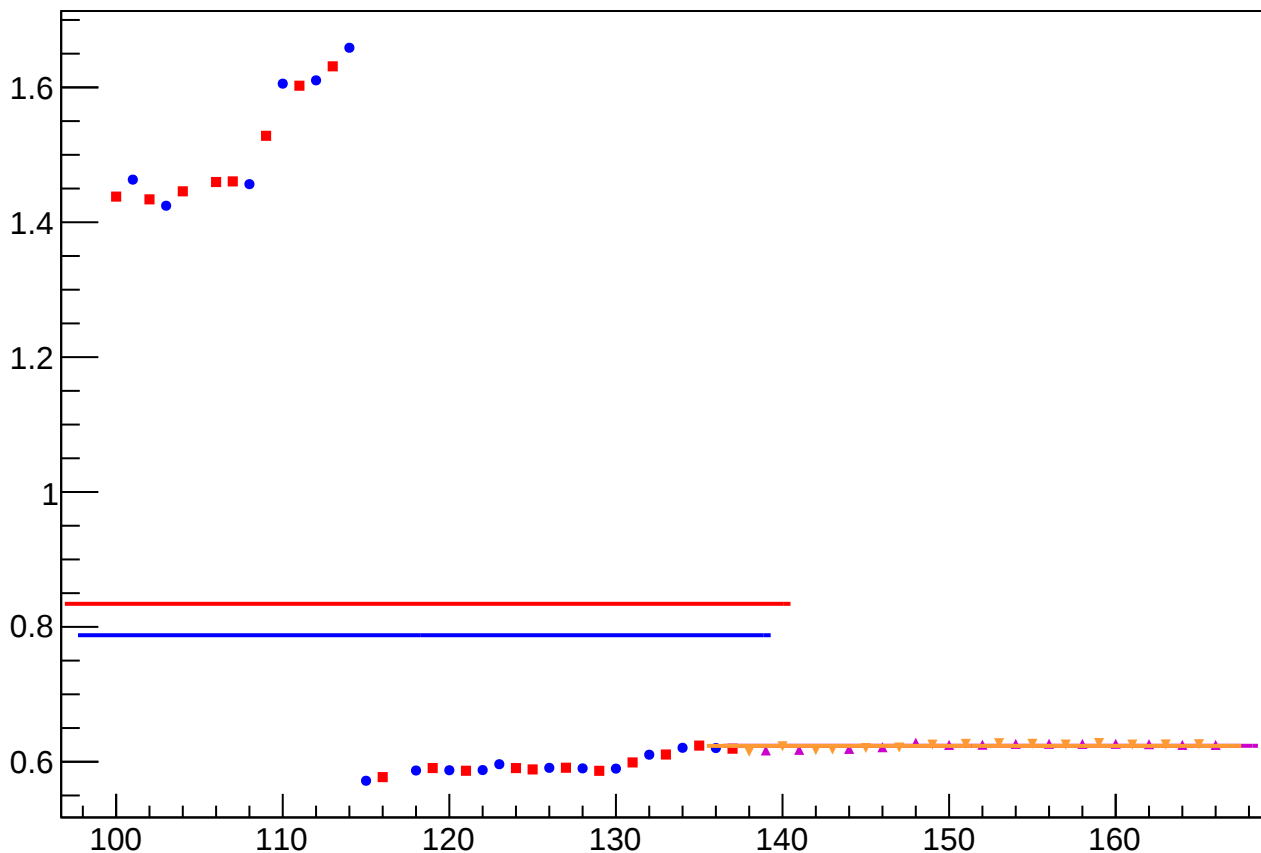
Left In: 0.020 $\pm$ 0.000 χ^2 /NDF:525340.6/13

+ sign 0.021 $\pm$ 0.000 χ^2 /NDF: 1413347.2/31

All: 0.021 $\pm$ 0.000 χ^2 /NDF: 3210336.6/64

- sign 0.021 $\pm$ 0.000 χ^2 /NDF: 1780260.7/32

yield_bpm4aY_mean vs Slug



Right In: 0.788 $\pm$ 0.000 χ^2 /NDF: 3581400502.4/16

Left Out: 0.624 $\pm$ 0.000 χ^2 /NDF:1039613.3/14

Right Out: 0.834 $\pm$ 0.000 χ^2 /NDF: 4152115639.4/18

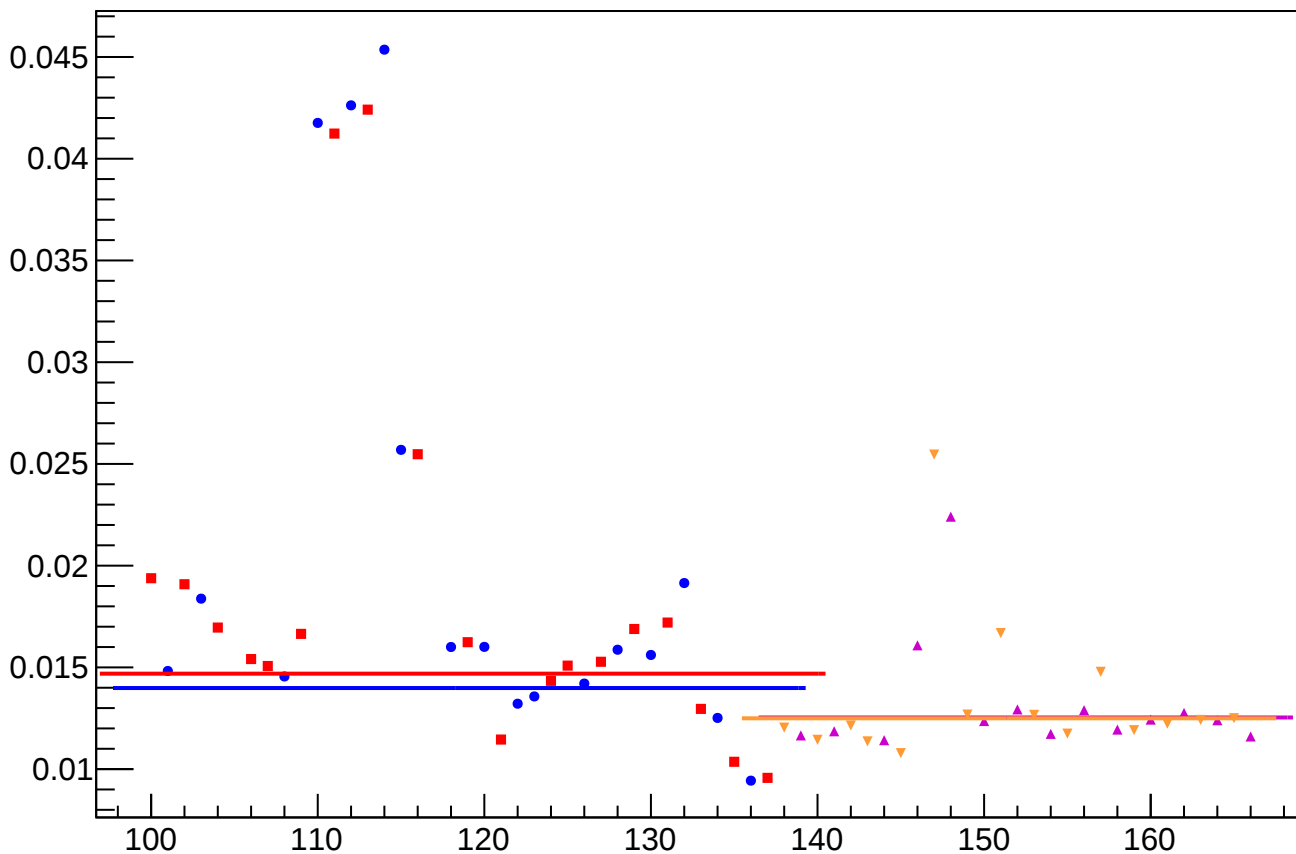
Left In: 0.624 $\pm$ 0.000 χ^2 /NDF:874280.1/13

+ sign 0.673 $\pm$ 0.000 χ^2 /NDF: 4124435438.7/31

All: 0.679 $\pm$ 0.000 χ^2 /NDF: 9153781238.8/64

- sign 0.686 $\pm$ 0.000 χ^2 /NDF: 5020801774.7/32

yield_bpm4aY_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1398505.7/16

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF:588380.5/14

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1258511.3/18

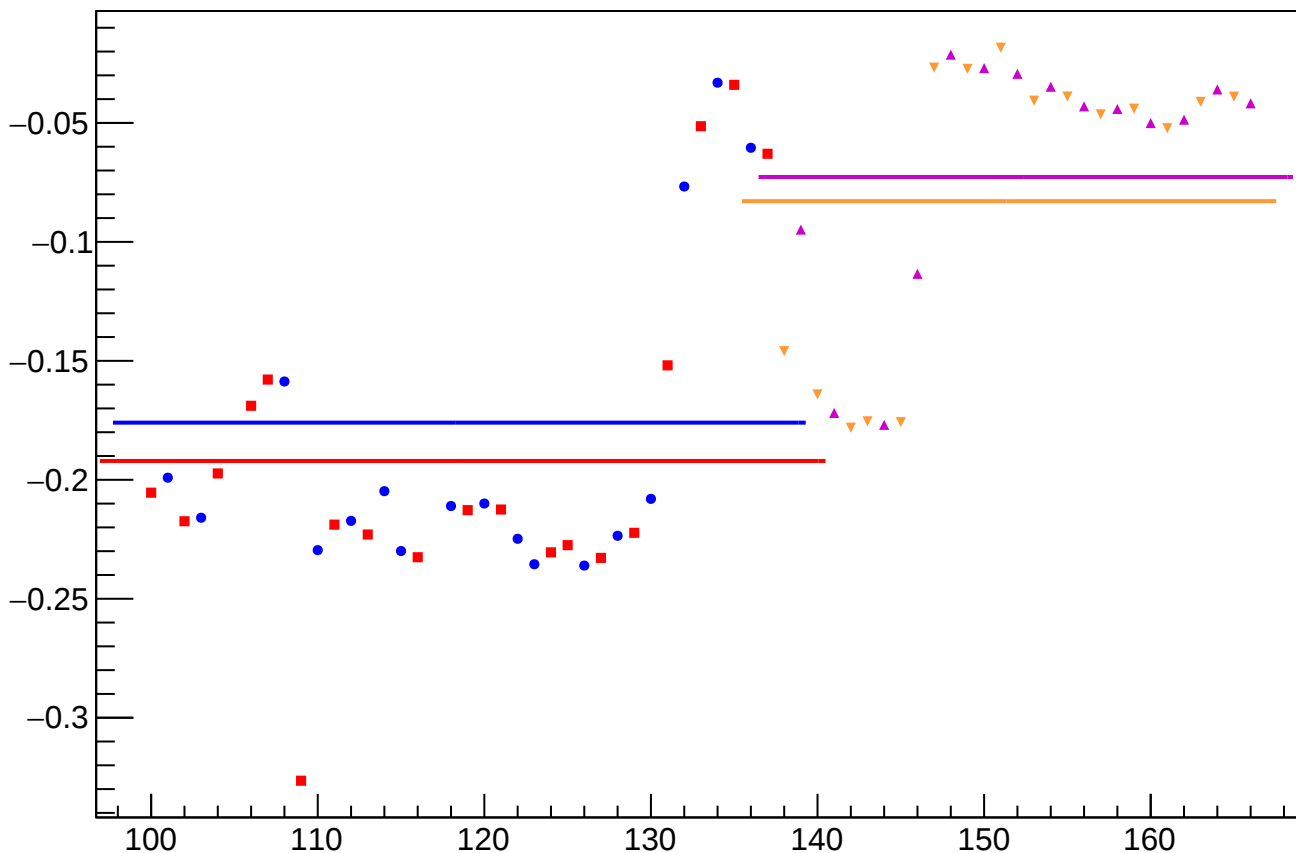
Left In: 0.013 $\pm$ 0.000 χ^2 /NDF:417343.3/13

+ sign 0.013 $\pm$ 0.000 χ^2 /NDF: 2076072.6/31

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 3938775.6/64

- sign 0.013 $\pm$ 0.000 χ^2 /NDF: 1857528.3/32

yield_bpm4eX_mean vs Slug



Right In: -0.176 ± 0.000 χ^2/NDF : 70121069.1/16

Left Out: -0.083 ± 0.000 χ^2/NDF : 95461542.9/14

Right Out: -0.192 ± 0.000 χ^2/NDF : 83253954.4/18

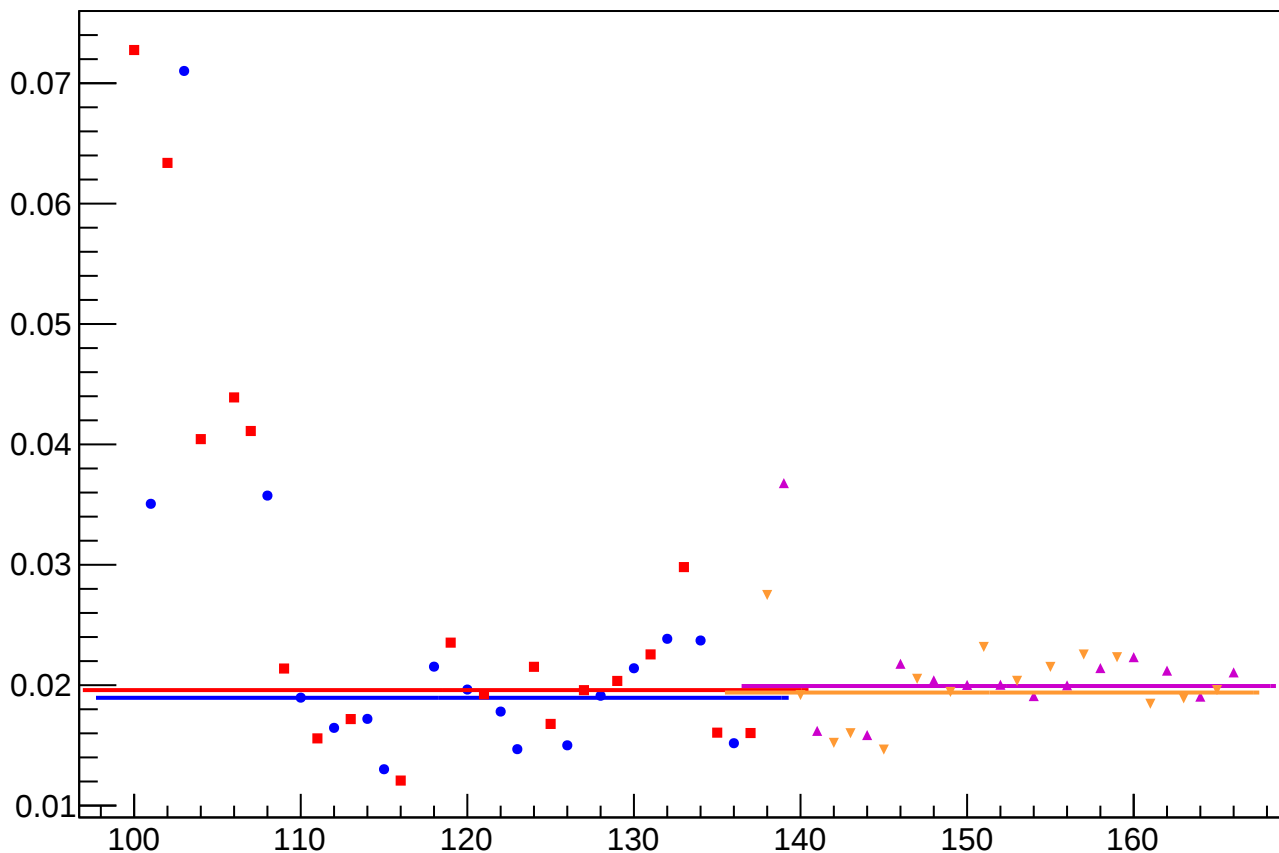
Left In: -0.073 ± 0.000 χ^2/NDF : 72856129.3/13

+ sign -0.117 ± 0.000 χ^2/NDF : 240955863.5/31

All: -0.118 ± 0.000 χ^2/NDF : 516442636.0/64

- sign -0.118 ± 0.000 χ^2/NDF : 275474708.8/32

yield_bpm4eX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1203275.7/16

Left Out: 0.019+/-0.000 χ^2/NDF : 417052.7/14

Right Out: 0.020+/-0.000 χ^2/NDF : 1455327.3/18

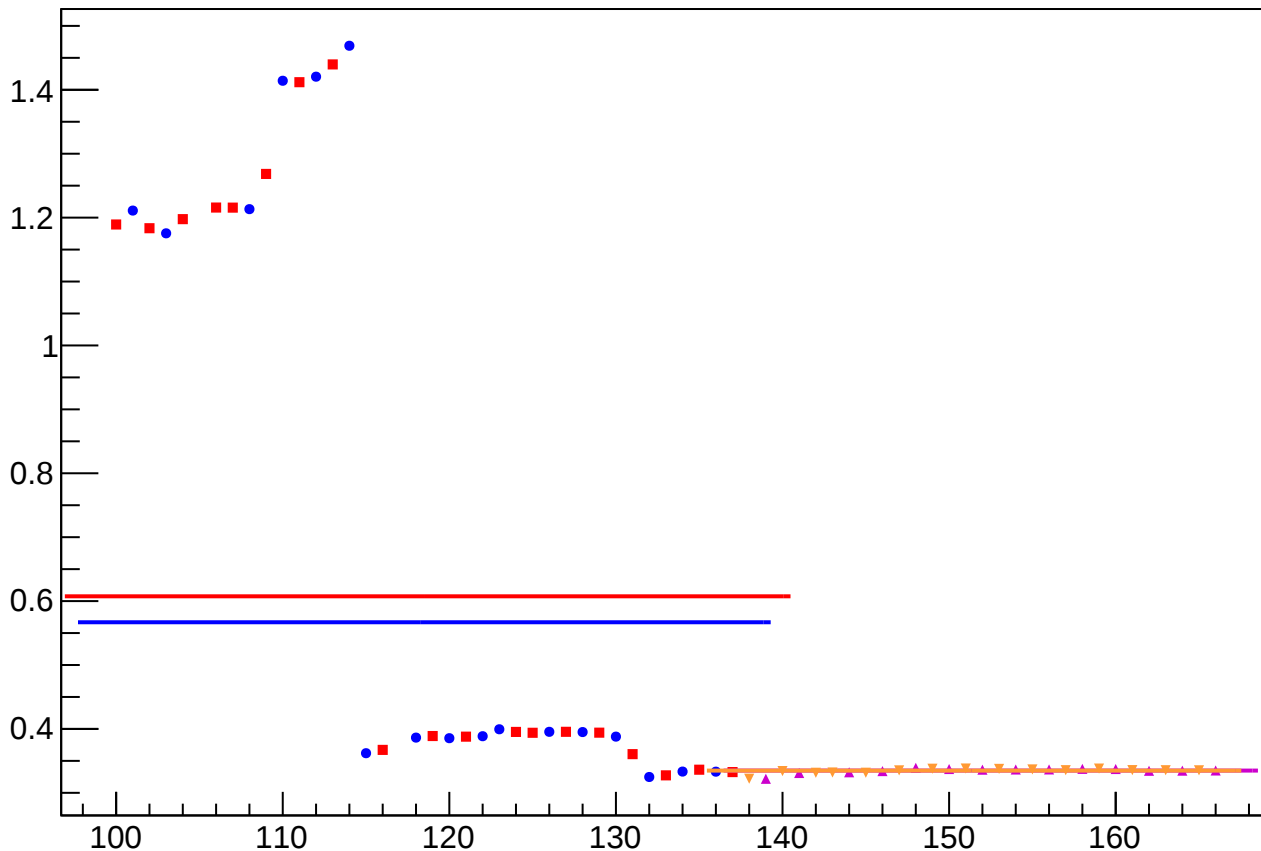
Left In: 0.020+/-0.000 χ^2/NDF : 493132.0/13

+ sign 0.019+/-0.000 χ^2/NDF : 1623646.6/31

All: 0.020+/-0.000 χ^2/NDF : 3586048.4/64

- sign 0.020+/-0.000 χ^2/NDF : 1950379.4/32

yield_bpm4eY_mean vs Slug



Right In: 0.567+/-0.000 χ^2/NDF : 5016913731.3/16

Left Out: 0.335+/-0.000 χ^2/NDF :1069035.7/14

Right Out: 0.607+/-0.000 χ^2/NDF : 5505226431.3/18

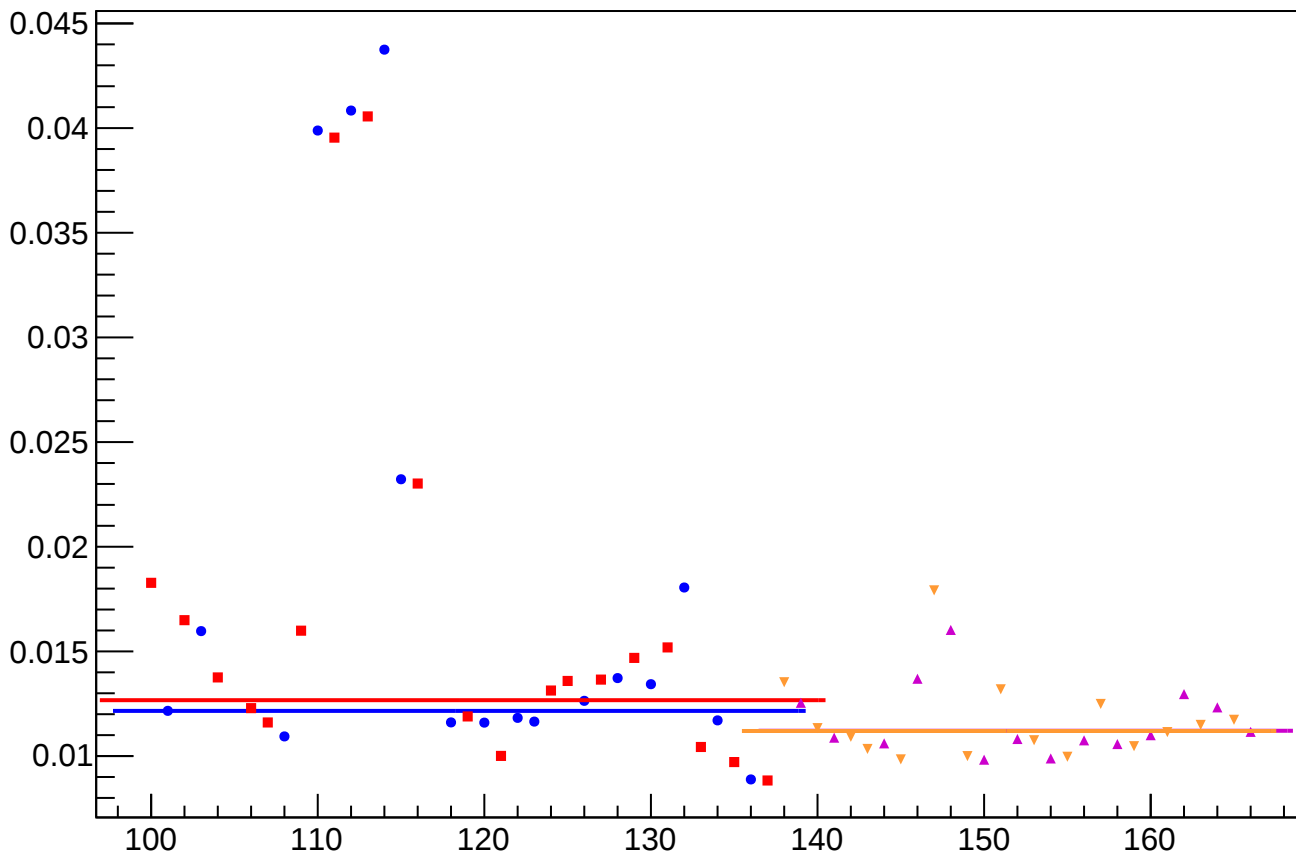
Left In: 0.335+/-0.000 χ^2/NDF :1151098.7/13

+ sign 0.407+/-0.000 χ^2/NDF : 6423605327.2/31

All: 0.413+/-0.000 χ^2/NDF : 13823362202.2/6

- sign 0.419+/-0.000 χ^2/NDF : 7391348078.1/32

yield_bpm4eY_rms vs Slug



Right In: 0.012 ± 0.000 χ^2/NDF : 1307948.2/16

Left Out: 0.011 ± 0.000 χ^2/NDF : 398637.0/14

Right Out: 0.013 ± 0.000 χ^2/NDF : 1267219.4/18

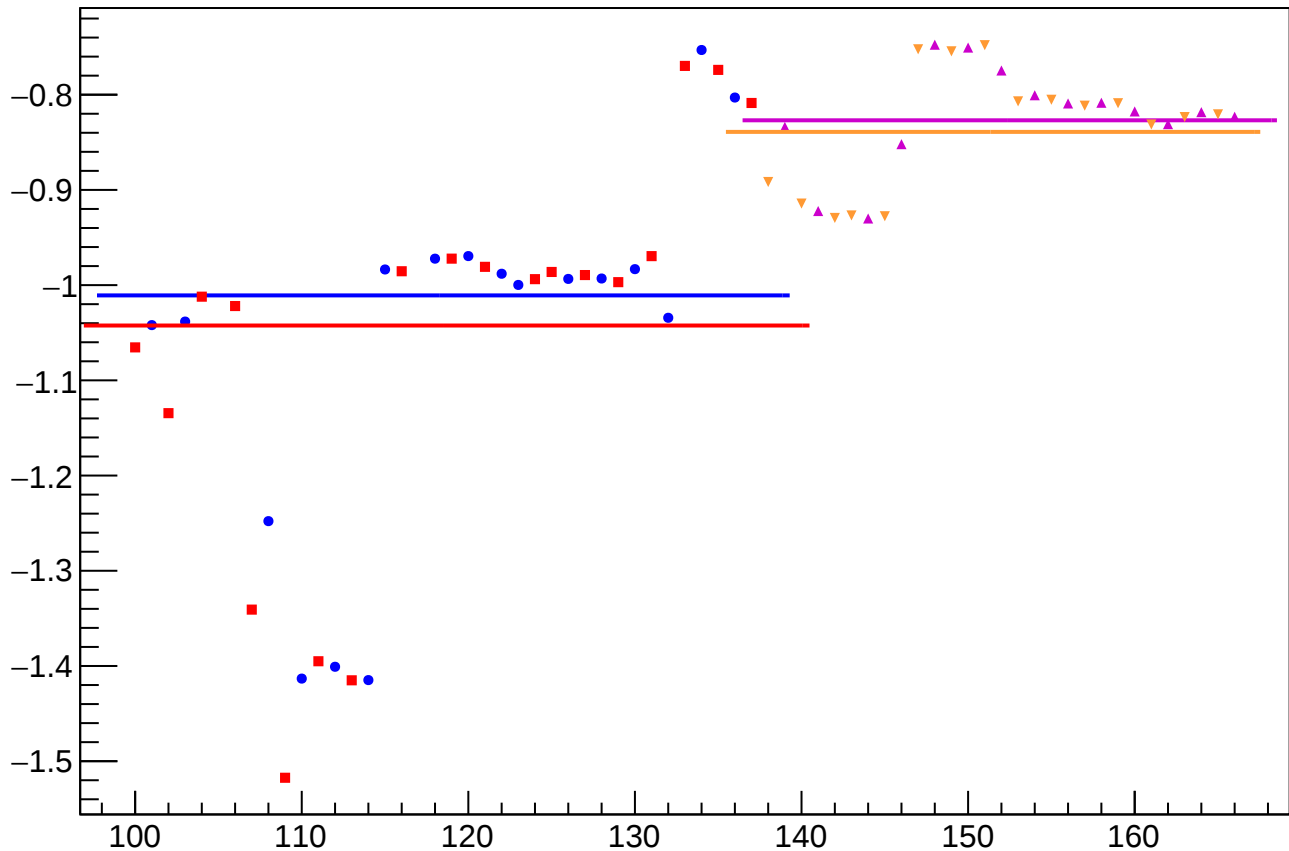
Left In: 0.011 ± 0.000 χ^2/NDF : 321521.8/13

+ sign 0.011 ± 0.000 χ^2/NDF : 1754659.6/31

All: 0.012 ± 0.000 χ^2/NDF : 3454767.8/64

- sign 0.012 ± 0.000 χ^2/NDF : 1696941.2/32

yield_bpm4acX_mean vs Slug



Right In: -1.011+/-0.000 χ^2/NDF : 387140230.3/16

Left Out: -0.839+/-0.000 χ^2/NDF : 92753793.8/14

Right Out: -1.042+/-0.000 χ^2/NDF : 528958824.5/18

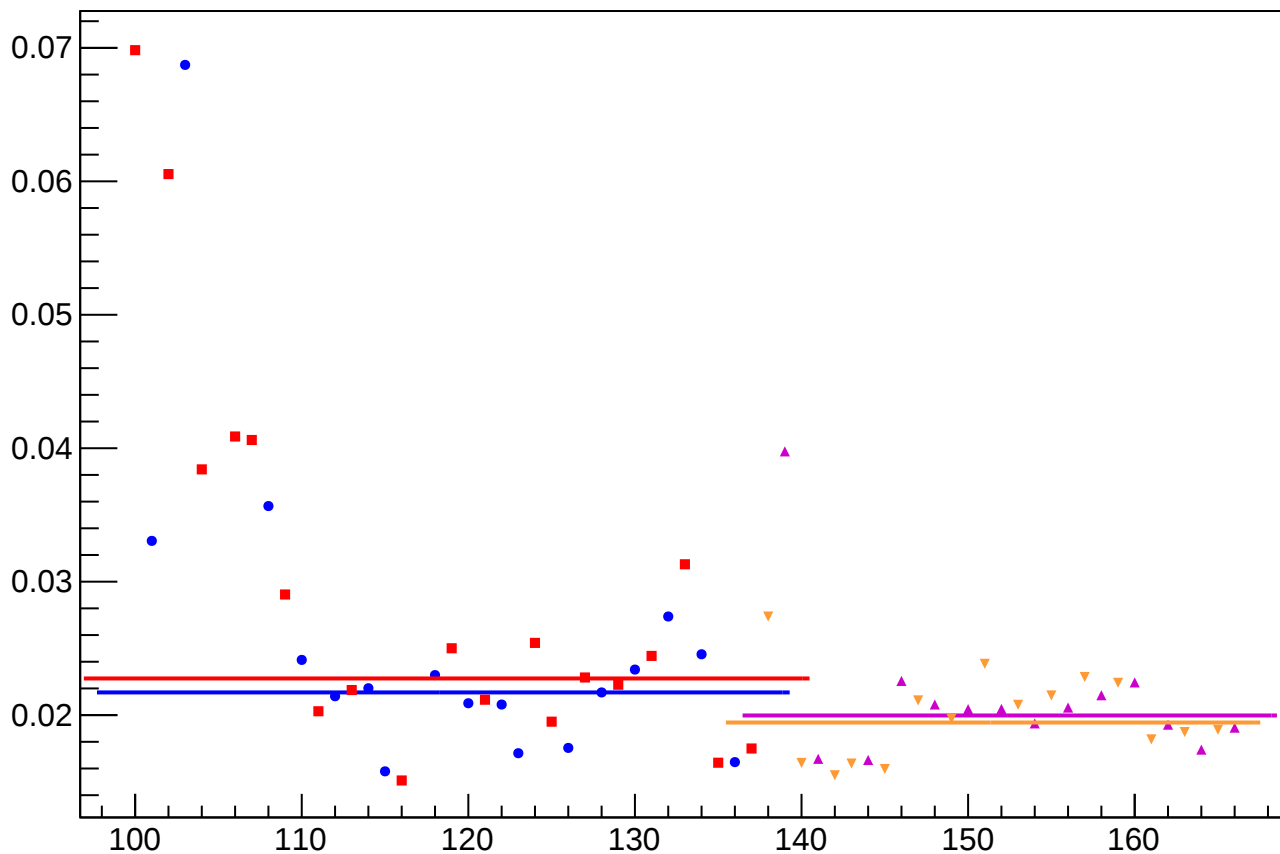
Left In: -0.827+/-0.000 χ^2/NDF : 70172114.0/13

+ sign -0.893+/-0.000 χ^2/NDF : 695648685.3/31

All: -0.895+/-0.000 χ^2/NDF : 1618857574.9/6

- sign -0.896+/-0.000 χ^2/NDF : 923094843.3/32

yield_bpm4acX_rms vs Slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 979293.5/16

Left Out: 0.019 $\pm$ 0.000 χ^2 /NDF: 391373.2/14

Right Out: 0.023 $\pm$ 0.000 χ^2 /NDF: 1152332.6/18

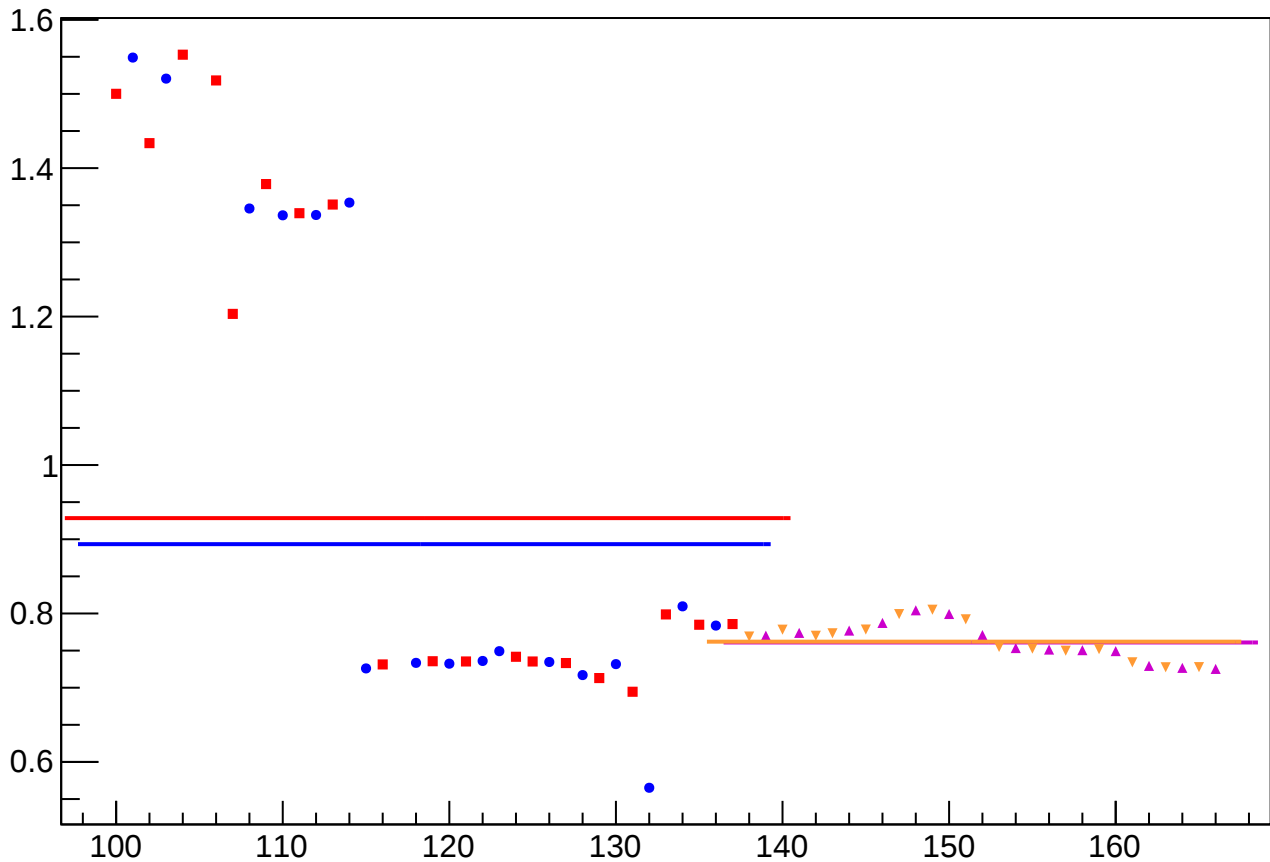
Left In: 0.020 $\pm$ 0.000 χ^2 /NDF: 522241.0/13

+ sign 0.020 $\pm$ 0.000 χ^2 /NDF: 1445084.2/31

All: 0.021 $\pm$ 0.000 χ^2 /NDF: 3243295.9/64

- sign 0.021 $\pm$ 0.000 χ^2 /NDF: 1781892.6/32

yield_bpm4acY_mean vs Slug



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.762+/-0.000 χ^2/NDF :33555811.9/14

Right Out: 0.928+/-0.000 χ^2/NDF : 2435640156.0/18

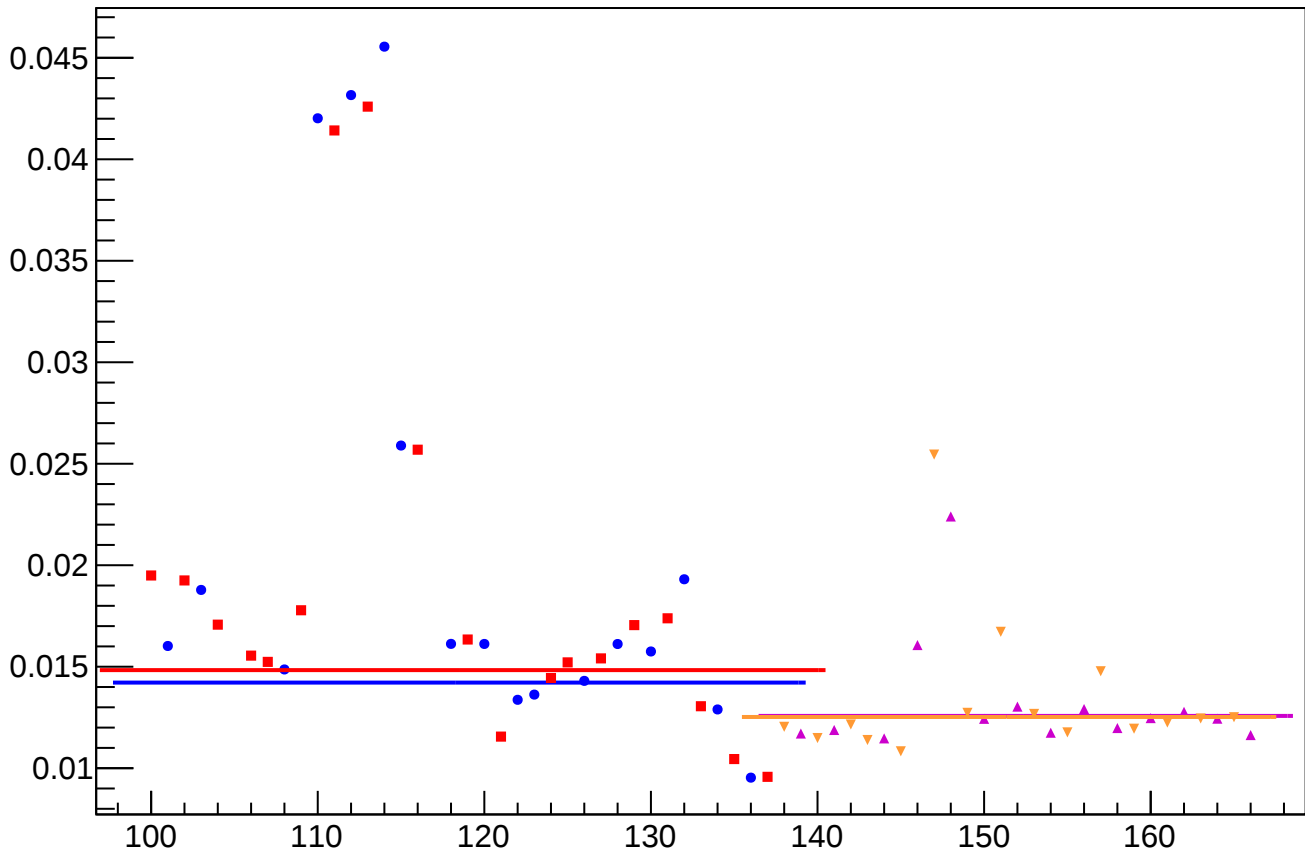
Left In: 0.761+/-0.000 χ^2/NDF :32516732.4/13

+ sign 0.800+/-0.000 χ^2/NDF : 2779258248.1/31

All: 0.805+/-0.000 χ^2/NDF : 5791350354.5/64

- sign 0.810+/-0.000 χ^2/NDF : 3007770368.9/32

yield_bpm4acY_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1409594.2/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:583815.9/14

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1269559.2/18

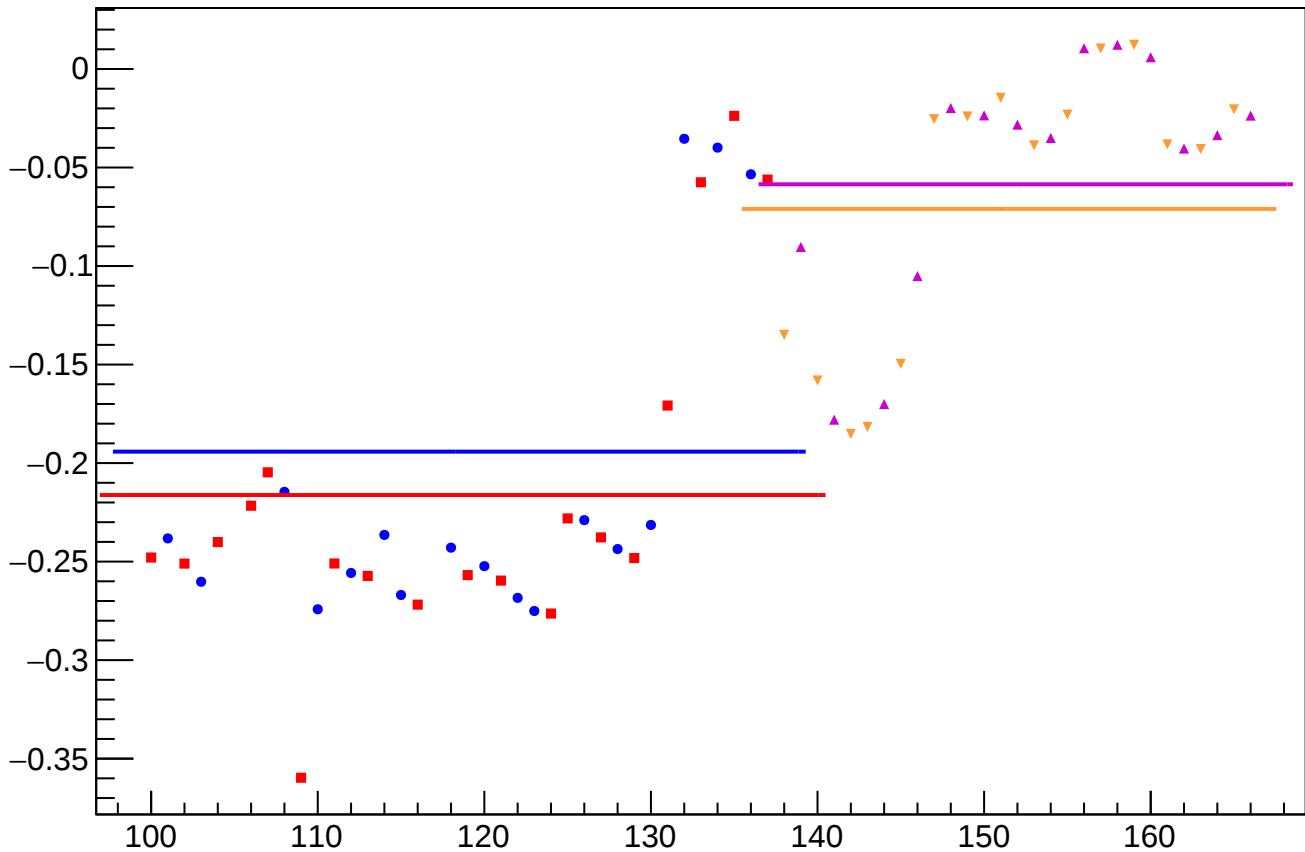
Left In: 0.013 $\pm$ 0.000 χ^2 /NDF:413105.6/13

+ sign 0.013 $\pm$ 0.000 χ^2 /NDF: 2105732.9/31

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 3988598.1/64

- sign 0.013 $\pm$ 0.000 χ^2 /NDF: 1878395.1/32

yield_bpm4ecX_mean vs Slug



Right In: -0.194+/-0.000 χ^2/NDF : 108425823.4/16

Left Out: -0.071+/-0.000 χ^2/NDF : 113000728.2/14

Right Out: -0.216+/-0.000 χ^2/NDF : 111036295.0/18

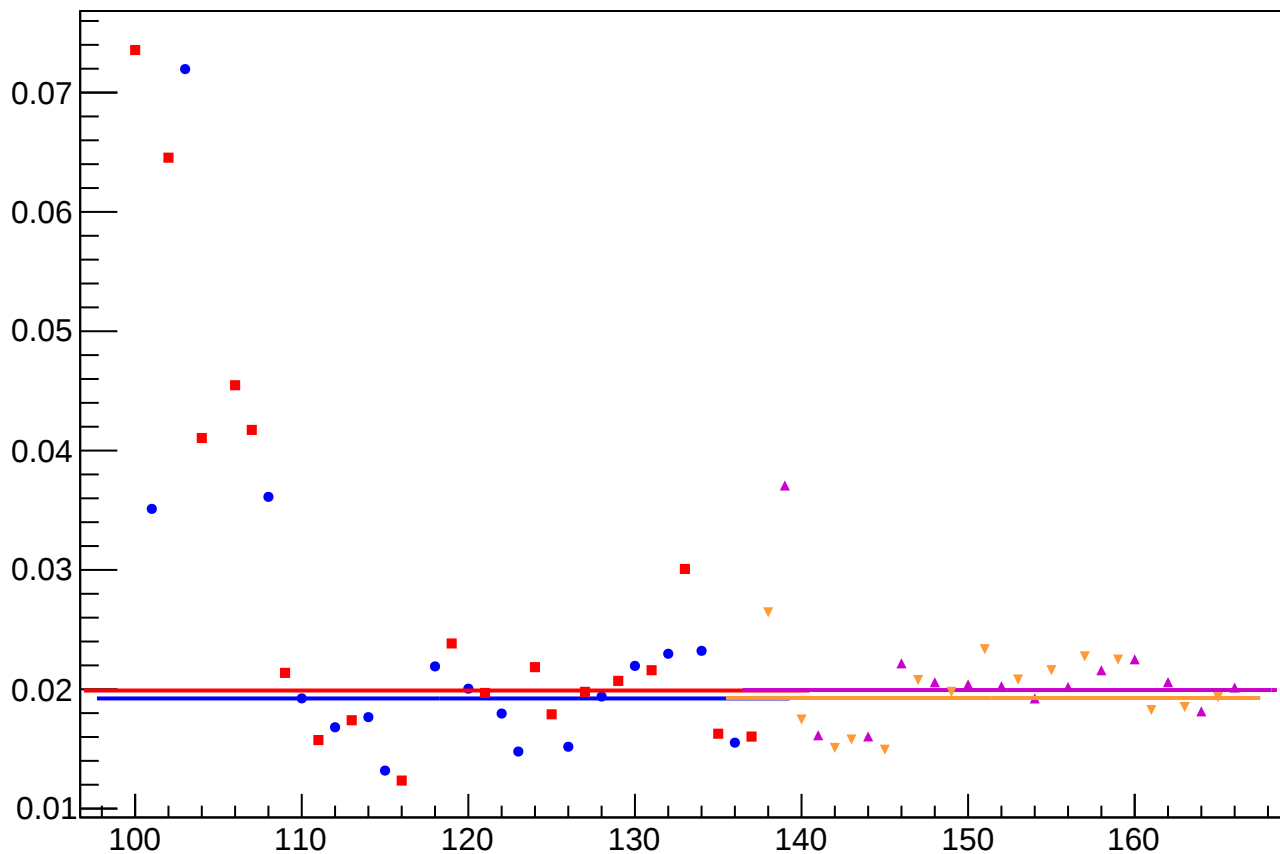
Left In: -0.059+/-0.000 χ^2/NDF : 96694987.1/13

+ sign -0.115+/-0.000 χ^2/NDF : 351374727.9/31

All: -0.116+/-0.000 χ^2/NDF : 762863804.8/64

- sign -0.117+/-0.000 χ^2/NDF : 411421577.7/32

yield_bpm4ecX_rms vs Slug



Right In: 0.019 $\pm$ 0.000 χ^2 /NDF: 1174577.3/16

Left Out: 0.019 $\pm$ 0.000 χ^2 /NDF: 420442.3/14

Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 1444442.2/18

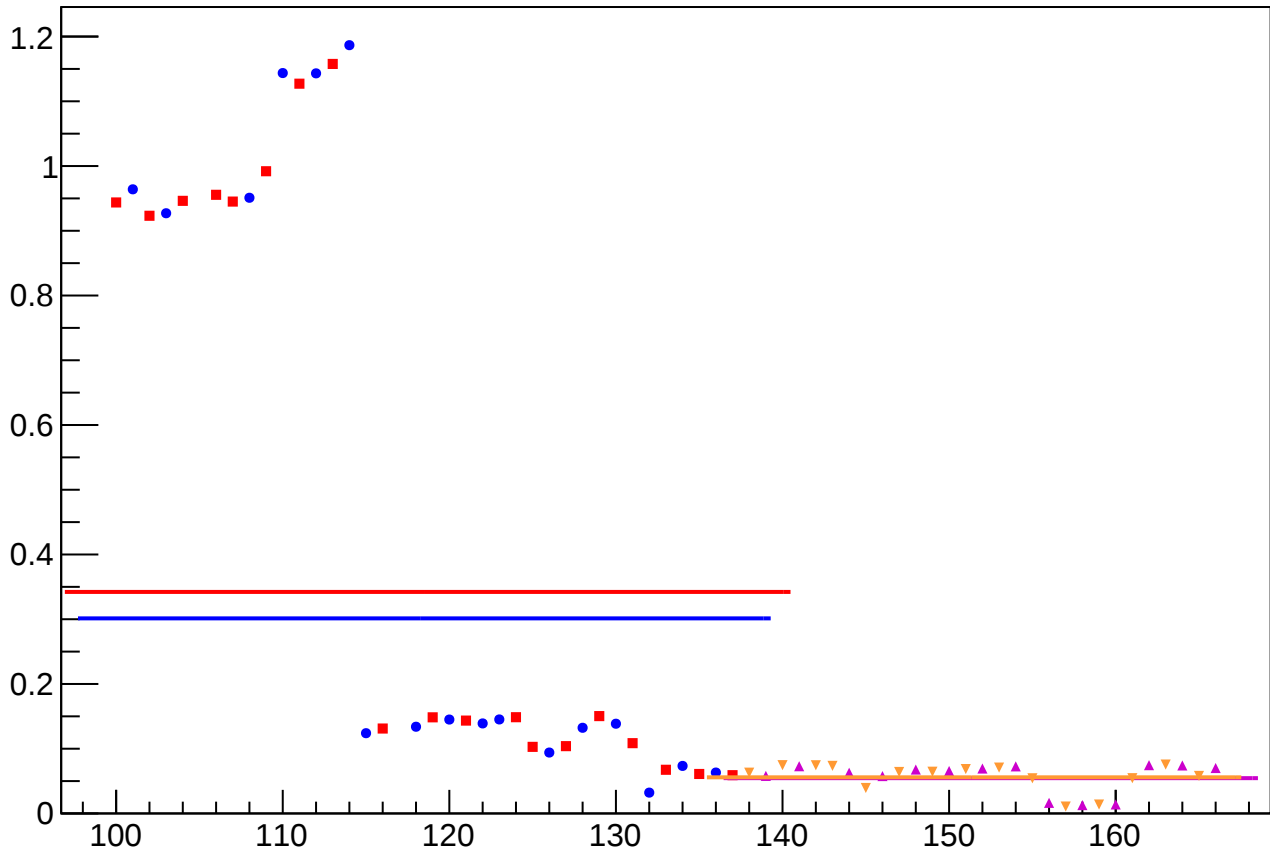
Left In: 0.020 $\pm$ 0.000 χ^2 /NDF: 501253.7/13

+ sign 0.019 $\pm$ 0.000 χ^2 /NDF: 1595049.9/31

All: 0.020 $\pm$ 0.000 χ^2 /NDF: 3556645.1/64

- sign 0.020 $\pm$ 0.000 χ^2 /NDF: 1945721.9/32

yield_bpm4ecY_mean vs Slug



Right In: 0.301 $\pm$ 0.000 χ^2 /NDF: 5154791073.8/16

Left Out: 0.056 $\pm$ 0.000 χ^2 /NDF: 37231266.1/14

Right Out: 0.342 $\pm$ 0.000 χ^2 /NDF: 5442717599.3/18

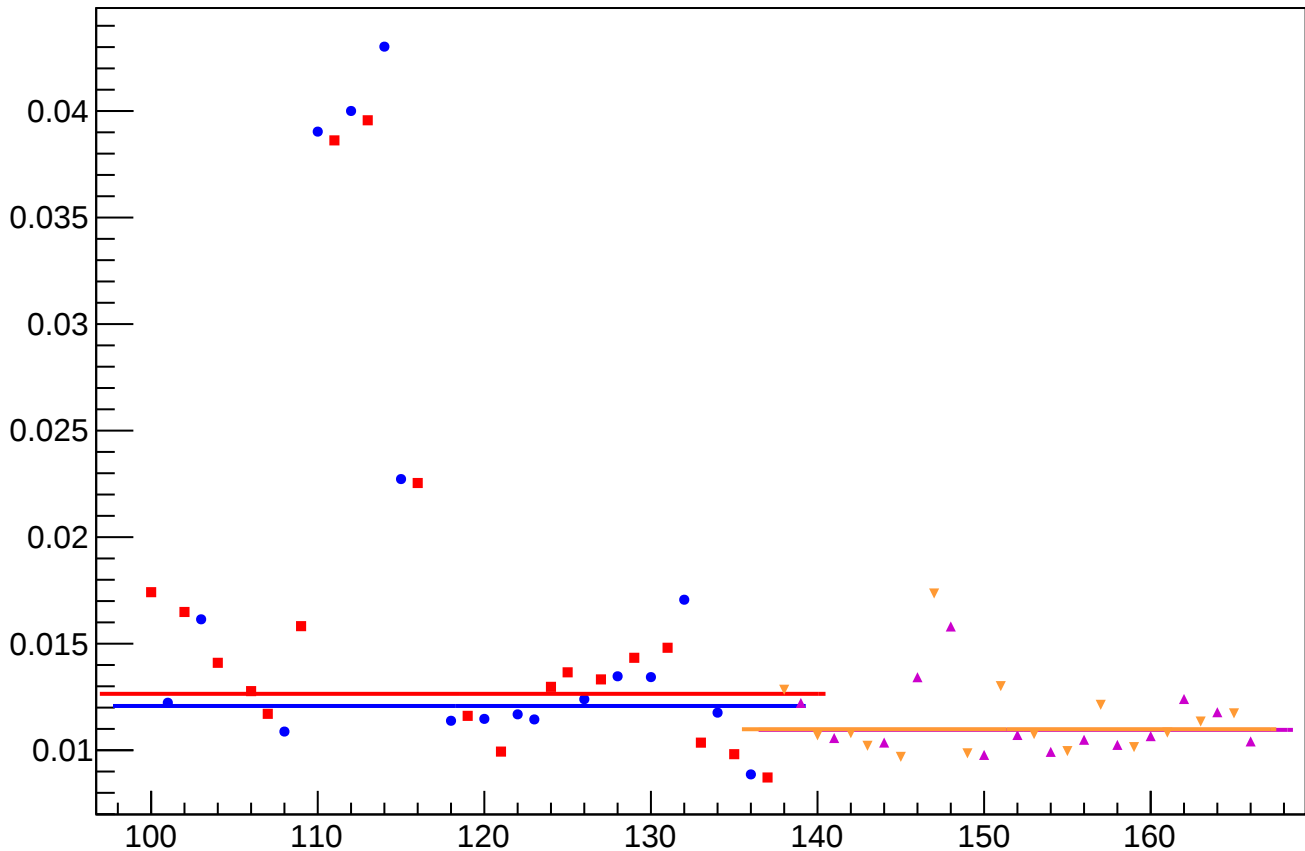
Left In: 0.055 $\pm$ 0.000 χ^2 /NDF: 48439003.2/13

+ sign 0.131 $\pm$ 0.000 χ^2 /NDF: 6800641284.3/31

All: 0.136 $\pm$ 0.000 χ^2 /NDF: 14429620629.1/6

- sign 0.141 $\pm$ 0.000 χ^2 /NDF: 7622911245.8/32

yield_bpm4ecY_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1280342.2/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 370025.8/14

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1236084.9/18

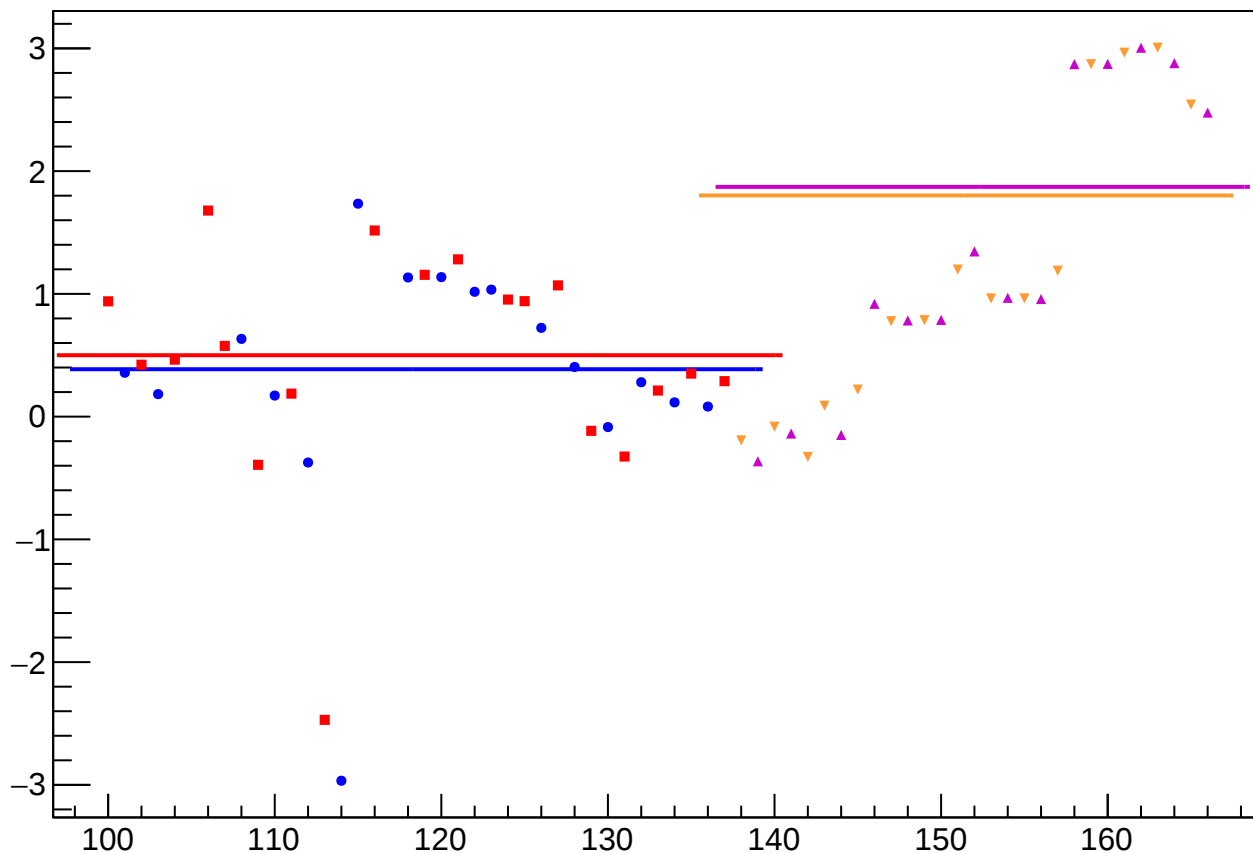
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF: 301582.5/13

+ sign 0.011 $\pm$ 0.000 χ^2 /NDF: 1713997.6/31

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 3401643.1/64

- sign 0.011 $\pm$ 0.000 χ^2 /NDF: 1685080.9/32

yield_bpm1X_mean vs Slug



Right In: 0.386+/-0.000 χ^2/NDF : 246380221.7/16

Left Out: 1.802+/-0.000 χ^2/NDF : 25415950511.2/14

Right Out: 0.500+/-0.000 χ^2/NDF : 983386658.7/18

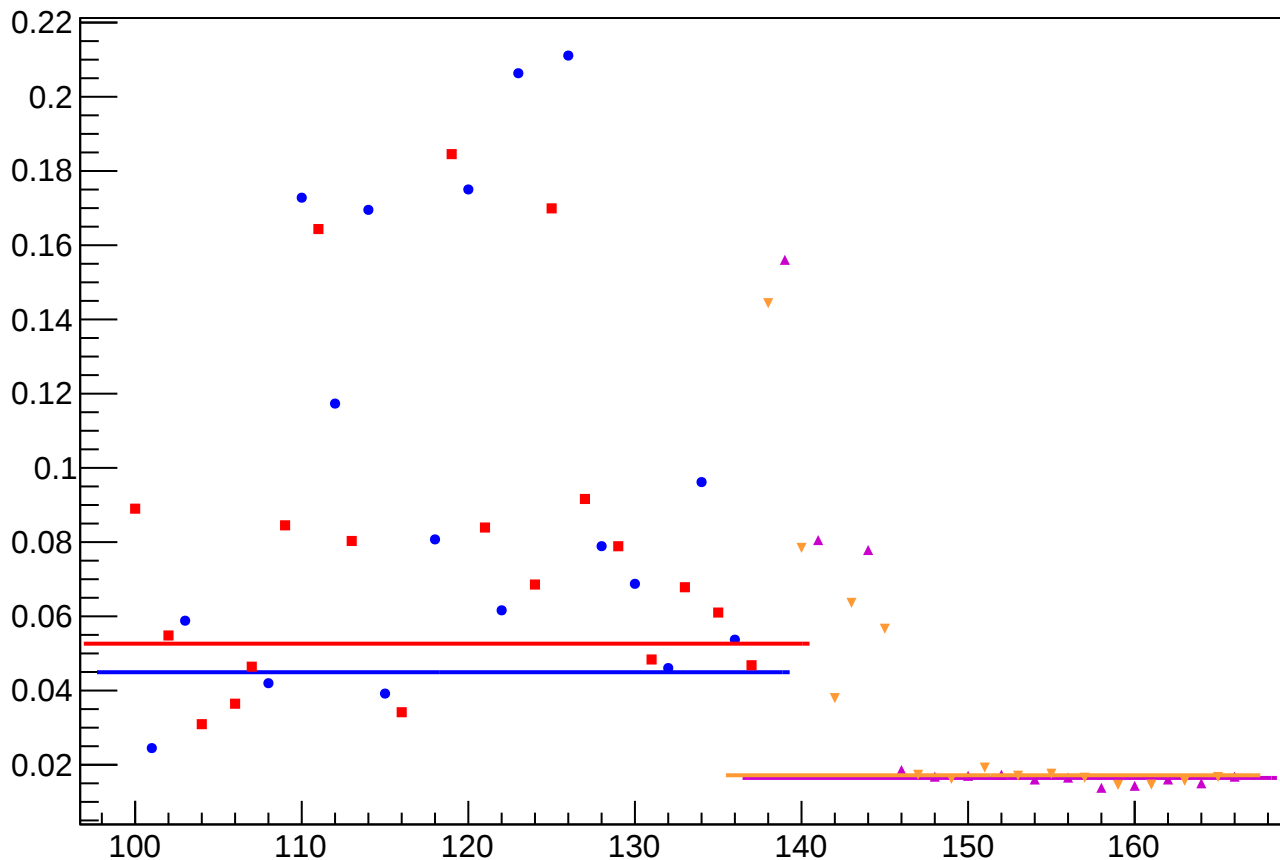
Left In: 1.872+/-0.000 χ^2/NDF : 27058462225.0/13

+ sign 1.713+/-0.000 χ^2/NDF : 28943601929.2/31

All: 1.760+/-0.000 χ^2/NDF : 59767637257.9/6

- sign 1.804+/-0.000 χ^2/NDF : 30703568031.3/32

yield_bpm1X_rms vs Slug



Right In: 0.045+/-0.000 χ^2/NDF : 2788348.6/16

Left Out: 0.017+/-0.000 χ^2/NDF : 2733423.9/14

Right Out: 0.053+/-0.000 χ^2/NDF : 2191752.0/18

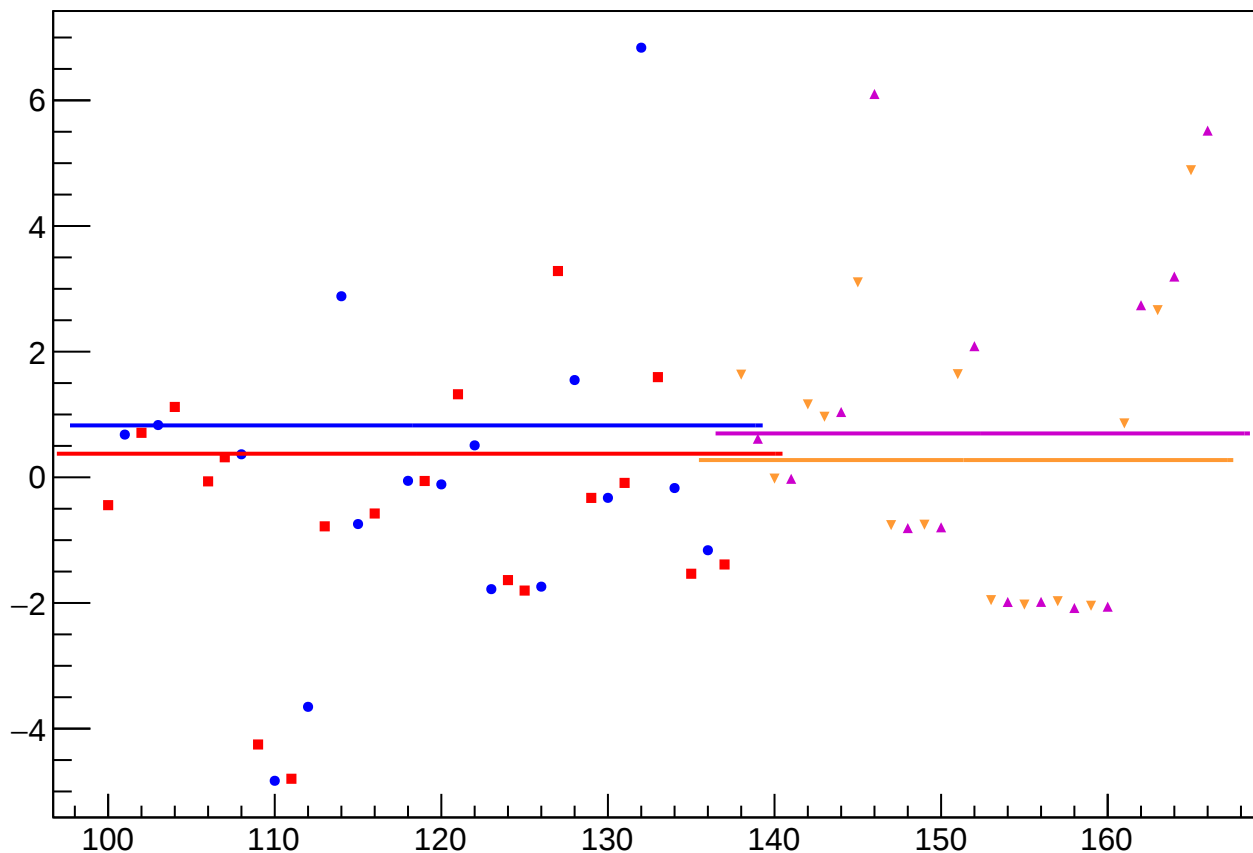
Left In: 0.016+/-0.000 χ^2/NDF : 2402137.7/13

+ sign 0.019+/-0.000 χ^2/NDF : 8046352.9/31

All: 0.019+/-0.000 χ^2/NDF : 16356561.0/64

- sign 0.018+/-0.000 χ^2/NDF : 8297019.1/32

yield_bpm1Y_mean vs Slug



Right In: 0.826+/-0.000 χ^2/NDF : 10945455664.9/16

Left Out: 0.275+/-0.000 χ^2/NDF : 232521315768.3/14

Right Out: 0.376+/-0.000 χ^2/NDF : 4947158634.2/18

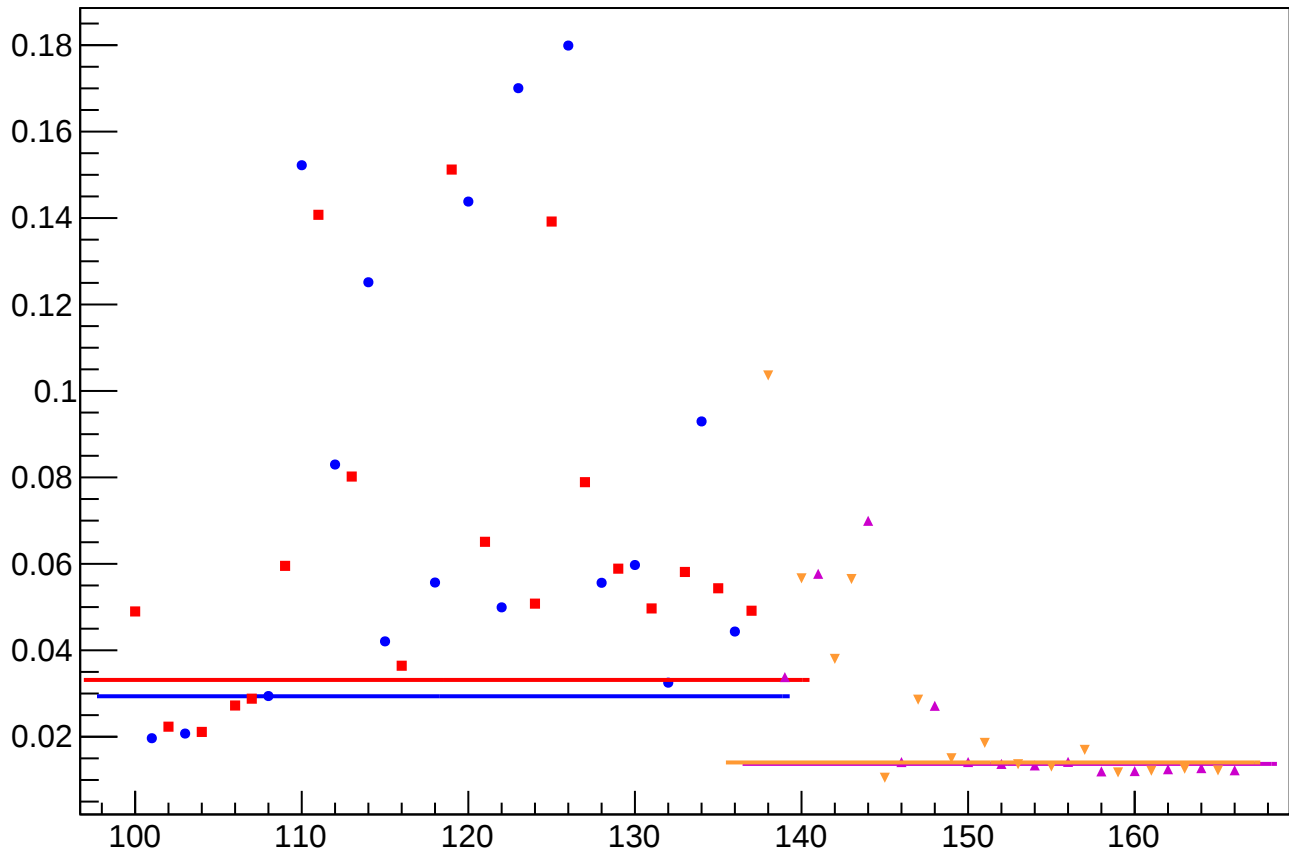
Left In: 0.698+/-0.000 χ^2/NDF : 391543637182.2/13

+ sign 0.323+/-0.000 χ^2/NDF : 244558581047.1/31

All: 0.505+/-0.000 χ^2/NDF : 644274312488.7

- sign 0.675+/-0.000 χ^2/NDF : 396827978522.3/32

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 2987169.5/16

Left Out: 0.014+/-0.000 χ^2/NDF :2812325.8/14

Right Out: 0.033+/-0.000 χ^2/NDF : 3099105.0/18

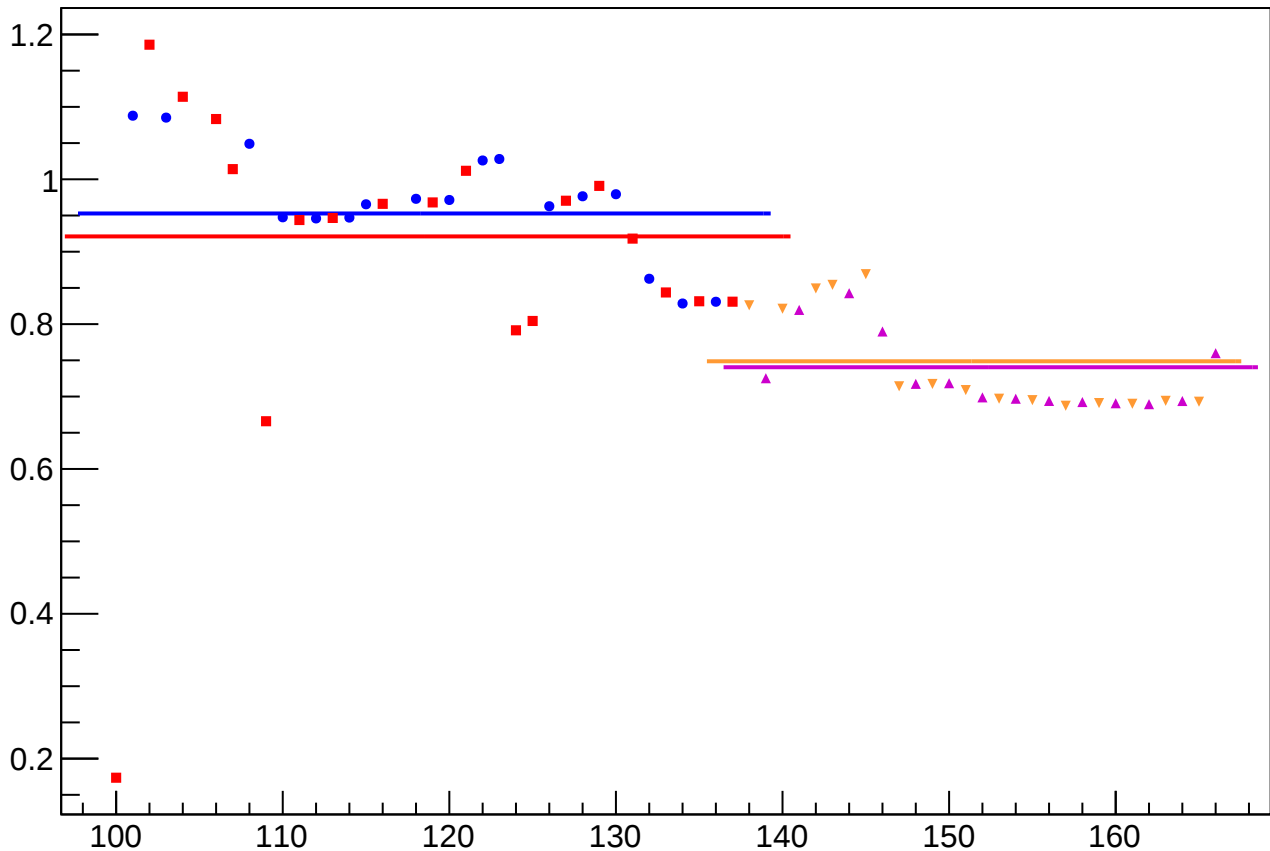
Left In: 0.014+/-0.000 χ^2/NDF :1881002.9/13

+ sign 0.015+/-0.000 χ^2/NDF : 7483093.1/31

All: 0.015+/-0.000 χ^2/NDF : 14911860.2/64

- sign 0.015+/-0.000 χ^2/NDF : 7425445.6/32

yield_bpm11X_mean vs Slug



Right In: 0.953 $\pm$ 0.000 χ^2 /NDF: 175750243.6/16

Left Out: 0.749 $\pm$ 0.000 χ^2 /NDF:258838497.2/14

Right Out: 0.921 $\pm$ 0.000 χ^2 /NDF: 374151585.5/18

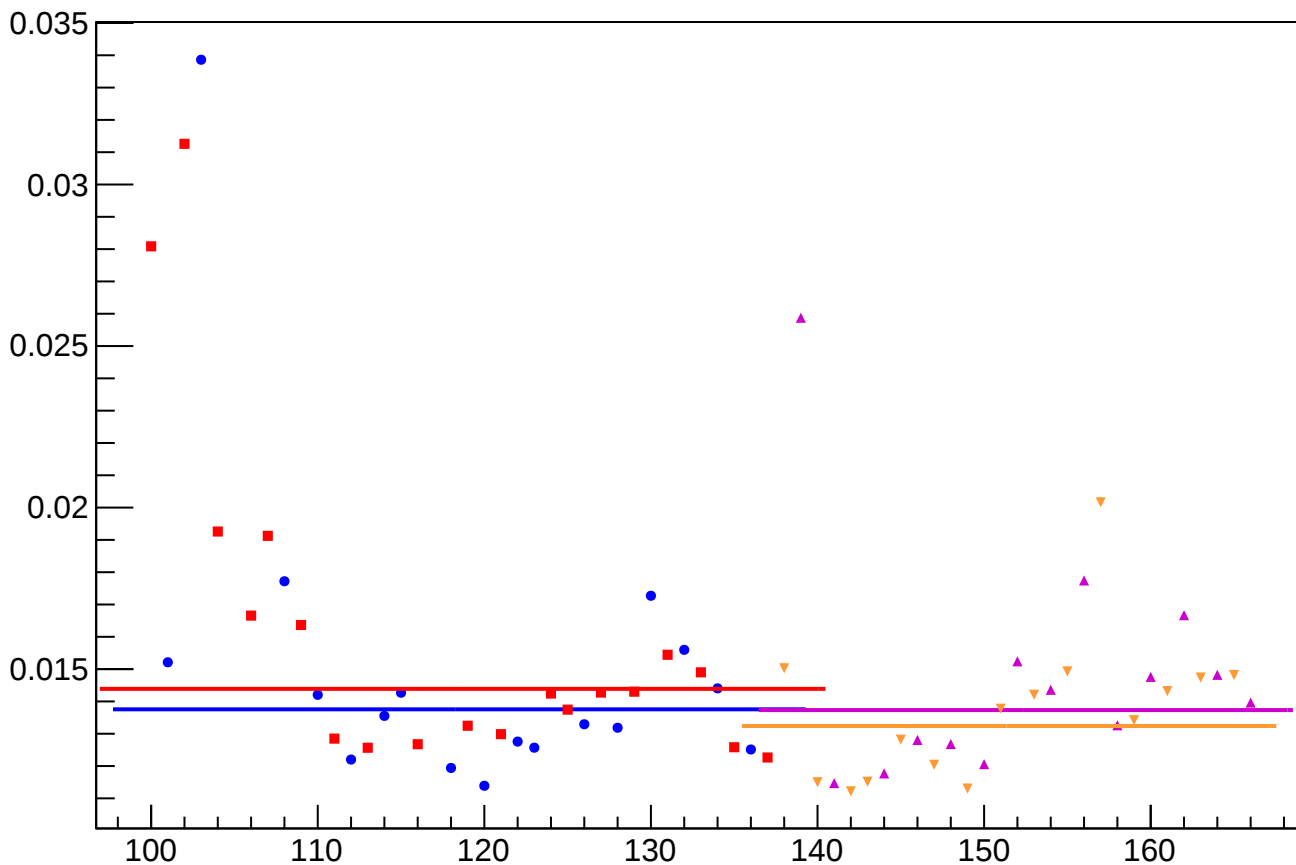
Left In: 0.740 $\pm$ 0.000 χ^2 /NDF:155927329.6/13

+ sign 0.822 $\pm$ 0.000 χ^2 /NDF: 1249586787.6/31

All: 0.814 $\pm$ 0.000 χ^2 /NDF: 2395252194.5/64

- sign 0.807 $\pm$ 0.000 χ^2 /NDF: 1136615827.4/32

yield_bpm11X_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 538469.4/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 356292.3/14

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 503813.0/18

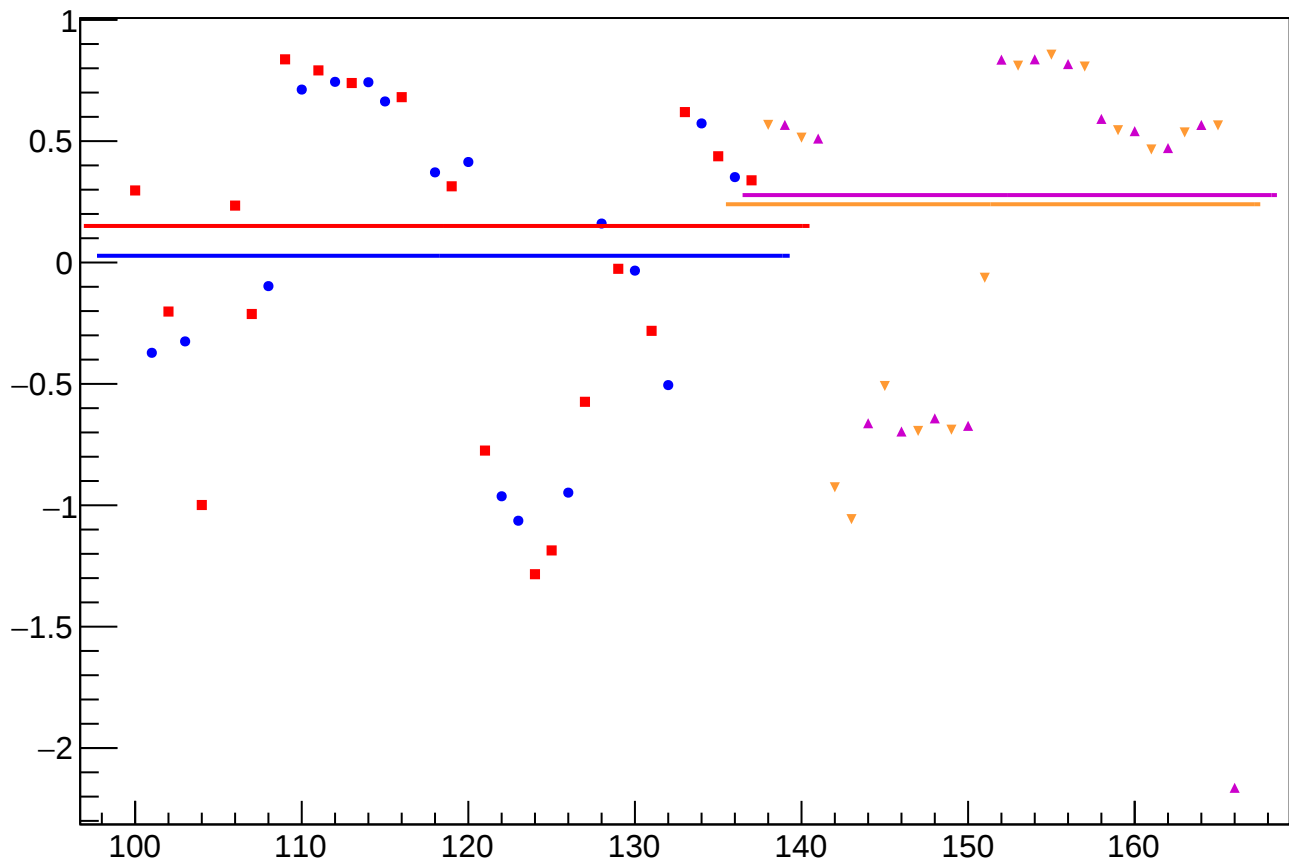
Left In: 0.014 $\pm$ 0.000 χ^2 /NDF: 599654.3/13

+ sign 0.013 $\pm$ 0.000 χ^2 /NDF: 905208.4/31

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 2049700.2/64

- sign 0.014 $\pm$ 0.000 χ^2 /NDF: 1119510.8/32

yield_bpm11Y_mean vs Slug



Right In: 0.028 $\pm$ 0.000 χ^2 /NDF: 6276955529.7/16

Left Out: 0.240 $\pm$ 0.000 χ^2 /NDF: 24283965679.7/14

Right Out: 0.151 $\pm$ 0.000 χ^2 /NDF: 12653743155.9/18

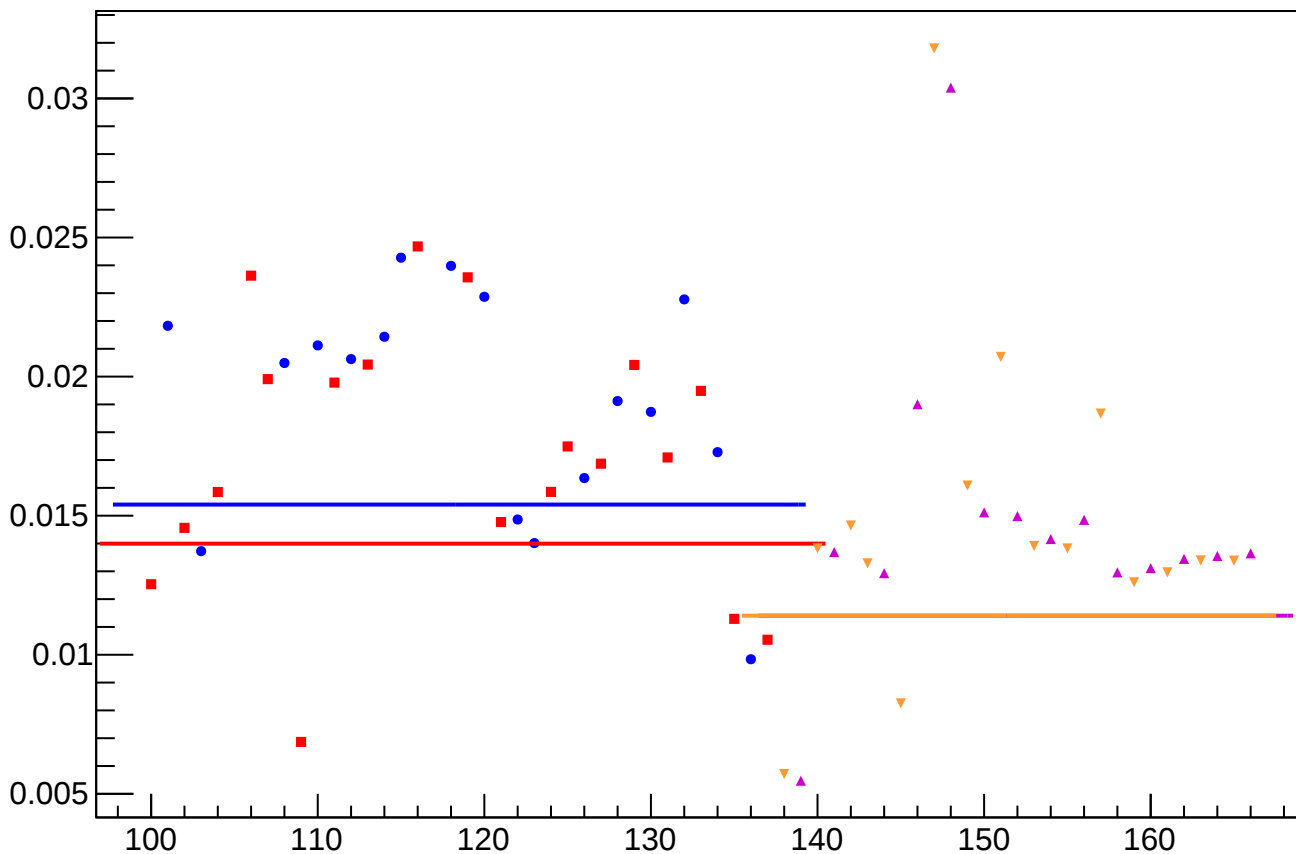
Left In: 0.278 $\pm$ 0.000 χ^2 /NDF: 34346076563.1/13

+ sign 0.186 $\pm$ 0.000 χ^2 /NDF: 31353993970.2/31

All: 0.214 $\pm$ 0.000 χ^2 /NDF: 78820466695.0/6

- sign 0.240 $\pm$ 0.000 χ^2 /NDF: 47325959363.3/32

yield_bpm11Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1141655.8/16

Left Out: 0.011+/-0.000 χ^2/NDF : 2906158.9/14

Right Out: 0.014+/-0.000 χ^2/NDF : 1561550.9/18

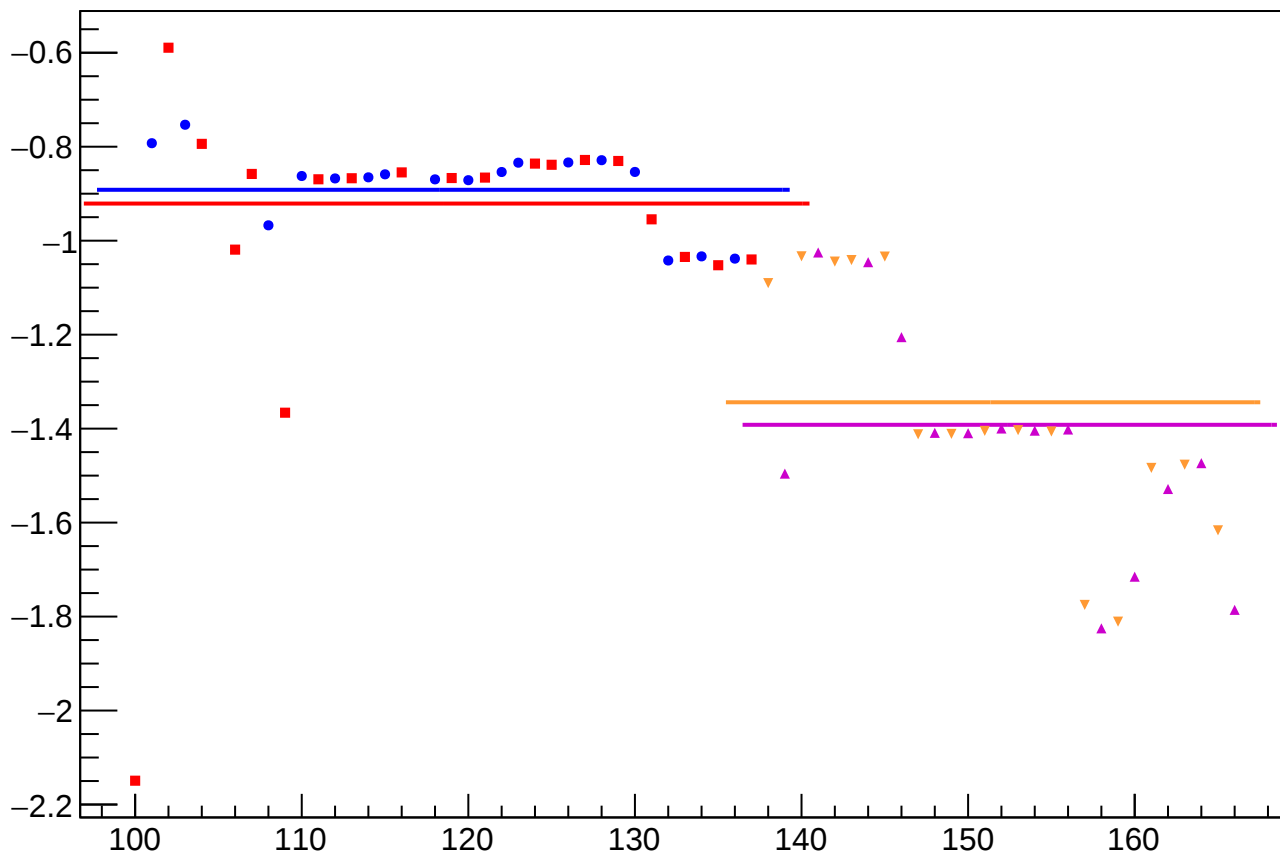
Left In: 0.011+/-0.000 χ^2/NDF : 2950356.5/13

+ sign 0.012+/-0.000 χ^2/NDF : 4609889.4/31

All: 0.012+/-0.000 χ^2/NDF : 9398692.8/64

- sign 0.012+/-0.000 χ^2/NDF : 4782581.7/32

yield_bpm12X_mean vs Slug



Right In: -0.892 ± 0.000 χ^2/NDF : 39793337.2/16

Left Out: -1.344 ± 0.000 χ^2/NDF : 489509010.2/14

Right Out: -0.921 ± 0.000 χ^2/NDF : 131159330.1/18

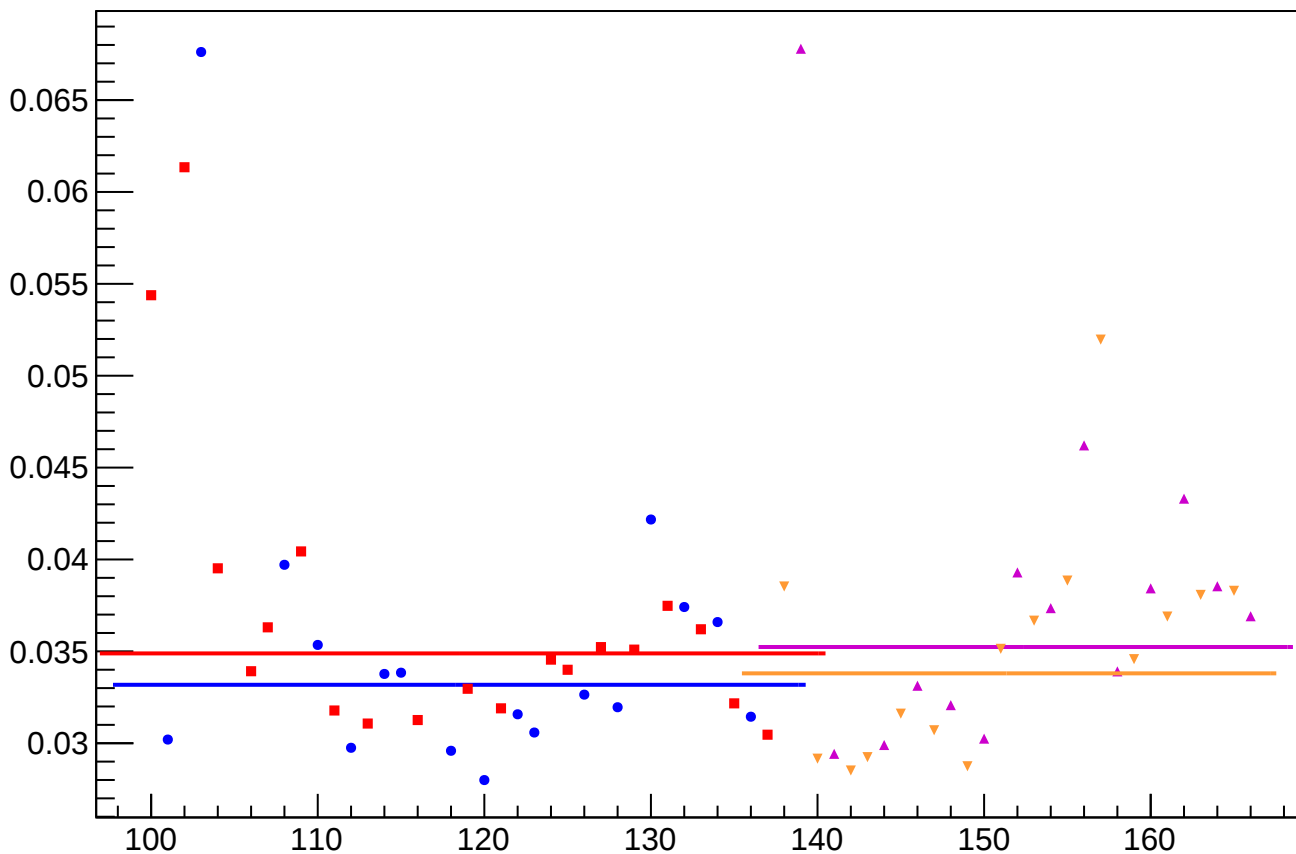
Left In: -1.392 ± 0.000 χ^2/NDF : 471136930.9/13

+ sign -1.168 ± 0.000 χ^2/NDF : 1190260790.7/31

All: -1.186 ± 0.000 χ^2/NDF : 2474703070.3/6

- sign -1.204 ± 0.000 χ^2/NDF : 1276050522.2/32

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 400106.0/16

Left Out: 0.034+/-0.000 χ^2/NDF : 389602.6/14

Right Out: 0.035+/-0.000 χ^2/NDF : 275013.9/18

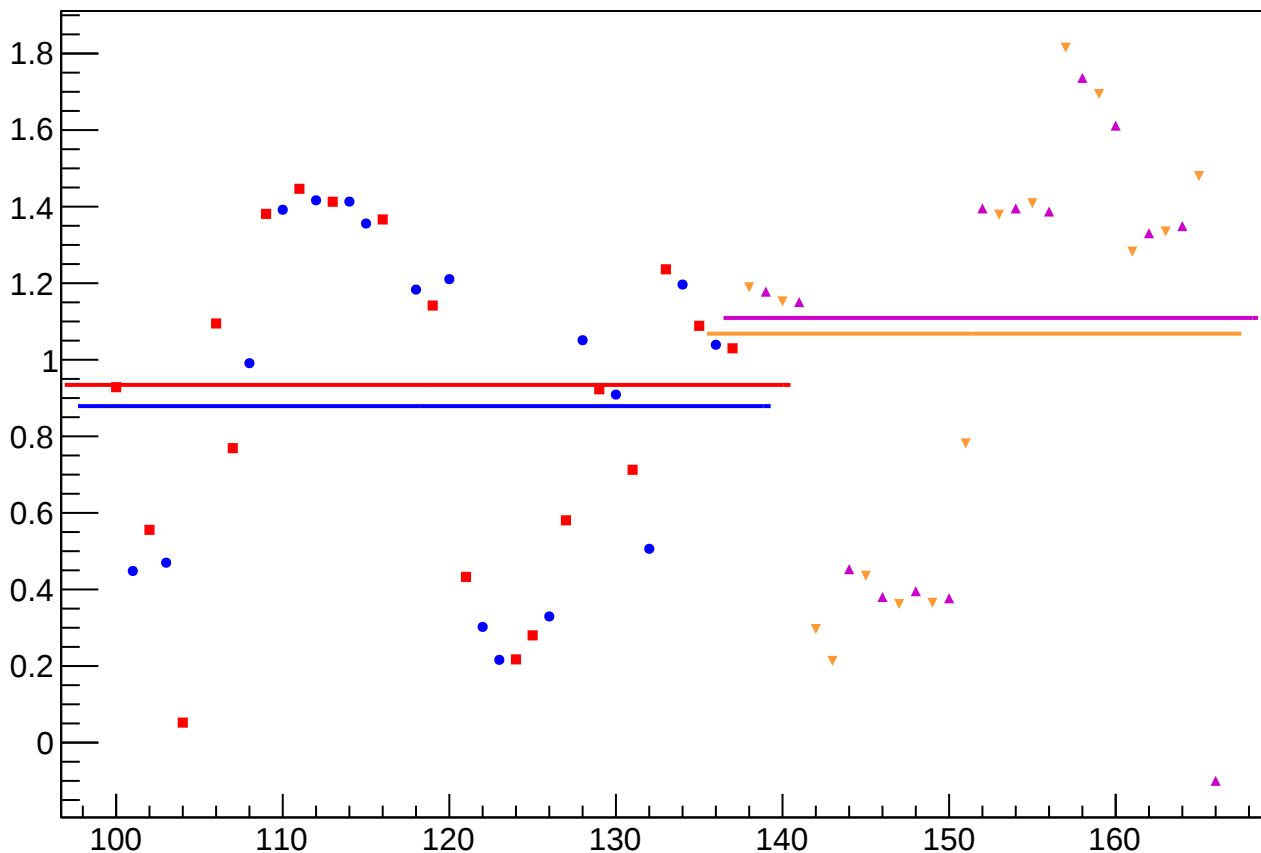
Left In: 0.035+/-0.000 χ^2/NDF : 656204.1/13

+ sign 0.034+/-0.000 χ^2/NDF : 792212.0/31

All: 0.034+/-0.000 χ^2/NDF : 1755191.5/64

- sign 0.035+/-0.000 χ^2/NDF : 931958.2/32

yield_bpm12Y_mean vs Slug



Right In: 0.879+/-0.000 χ^2/NDF : 6371602566.2/16

Left Out: 1.068+/-0.000 χ^2/NDF : 30700470738.7/14

Right Out: 0.934+/-0.000 χ^2/NDF : 9827120184.9/18

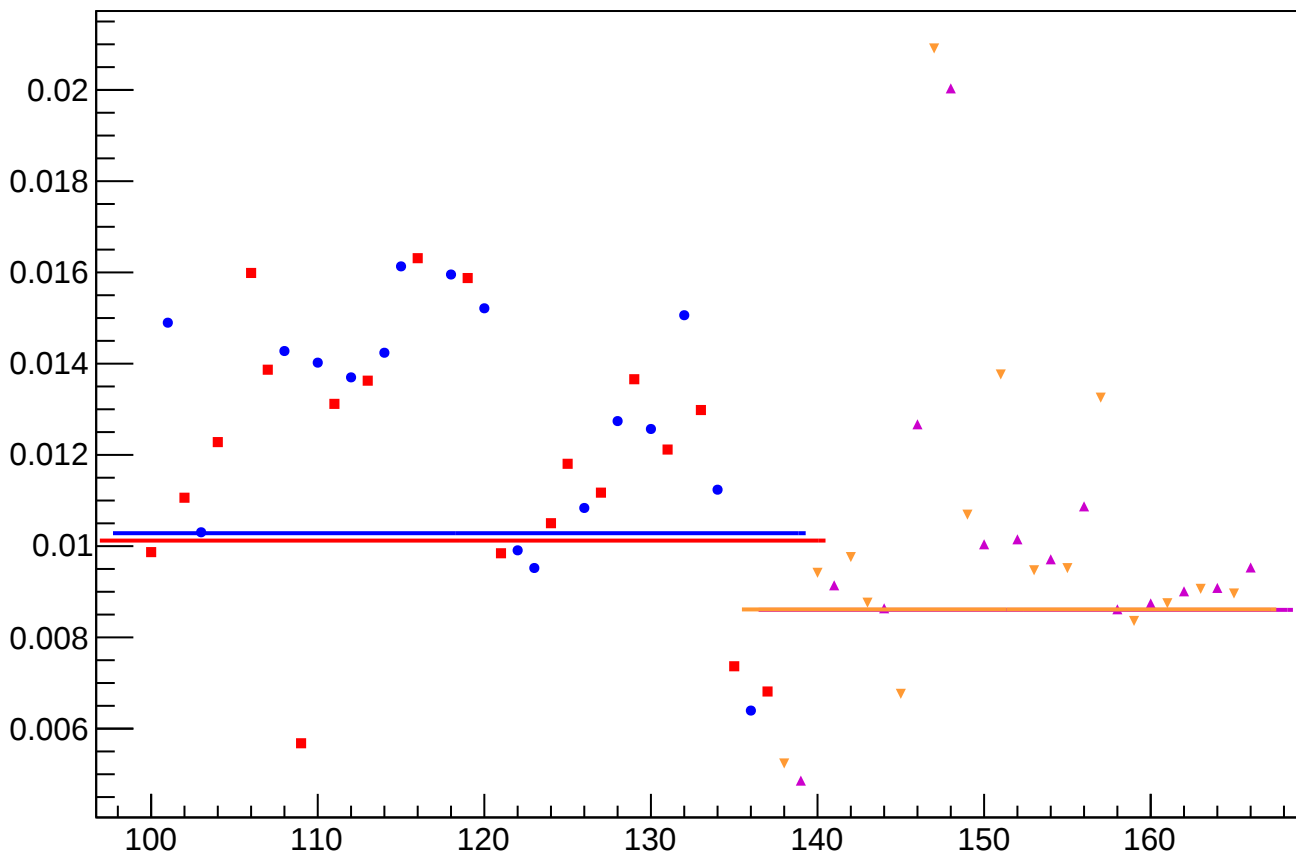
Left In: 1.109+/-0.000 χ^2/NDF : 30154711848.3/13

+ sign 1.014+/-0.000 χ^2/NDF : 38417625769.7/31

All: 1.035+/-0.000 χ^2/NDF : 79771321996.7/6

- sign 1.056+/-0.000 χ^2/NDF : 41192707109.0/32

yield_bpm12Y_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 1207460.1/16

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:1659633.2/14

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 1176642.1/18

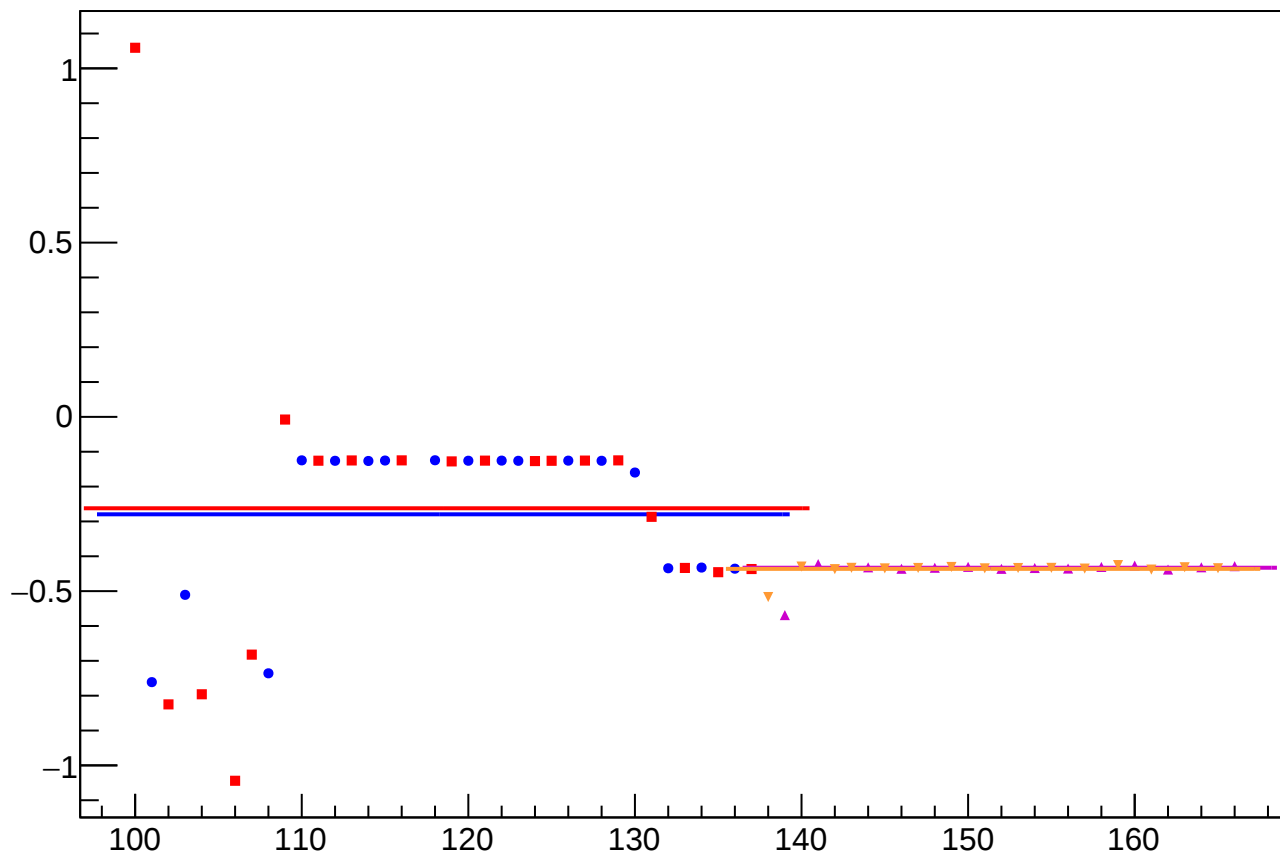
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:1627556.2/13

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 3076877.2/31

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 6063706.7/64

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 2986736.3/32

yield_bpm16X_mean vs Slug



Right In: -0.280 ± 0.000 χ^2/NDF : 929210245.5/16

Left Out: -0.436 ± 0.000 χ^2/NDF : 25635520.9/14

Right Out: -0.262 ± 0.000 χ^2/NDF : 1006263824.6/18

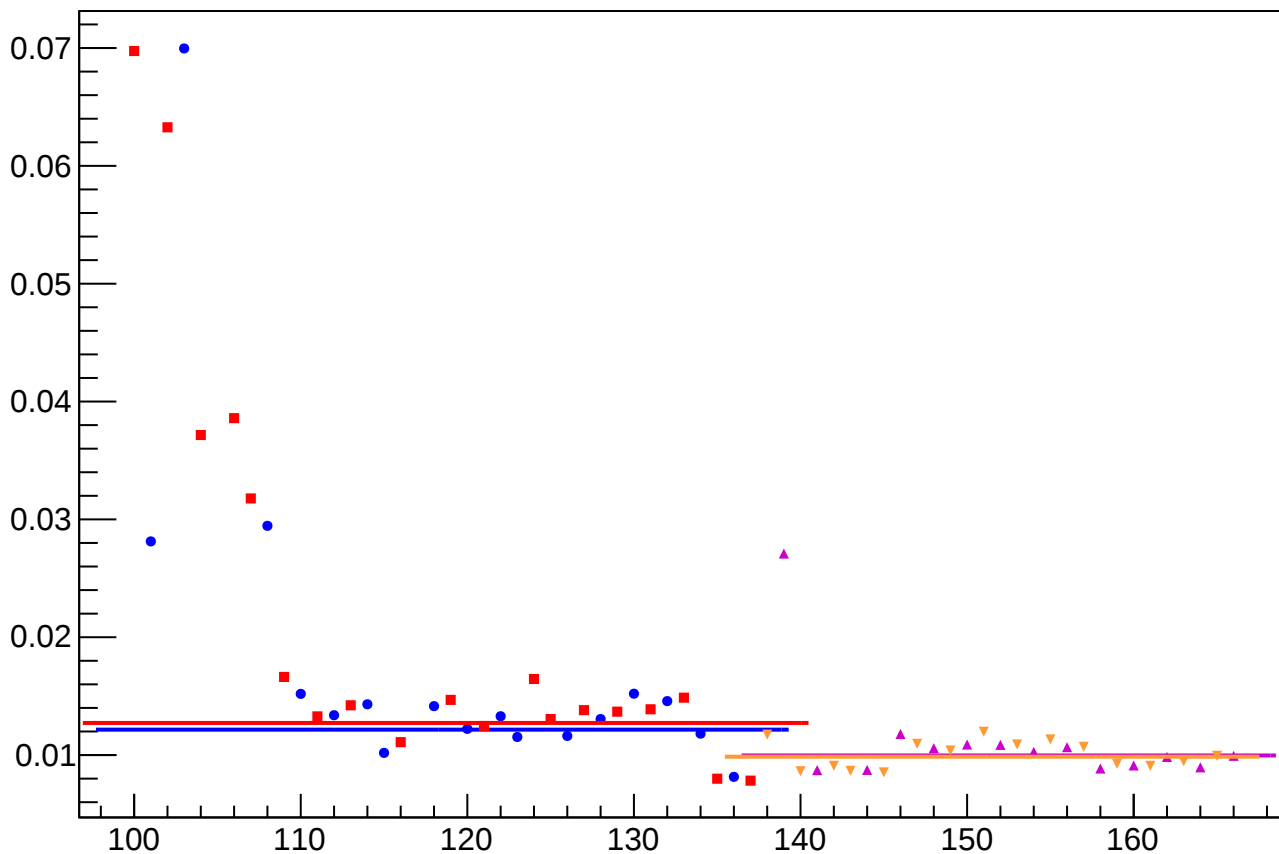
Left In: -0.433 ± 0.000 χ^2/NDF : 19635350.2/13

+ sign -0.397 ± 0.000 χ^2/NDF : 1534002444.0/31

All: -0.394 ± 0.000 χ^2/NDF : 3215626133.6/6

- sign -0.390 ± 0.000 χ^2/NDF : 1678960170.6/32

yield_bpm16X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1722777.4/16

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:225450.4/14

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1967397.9/18

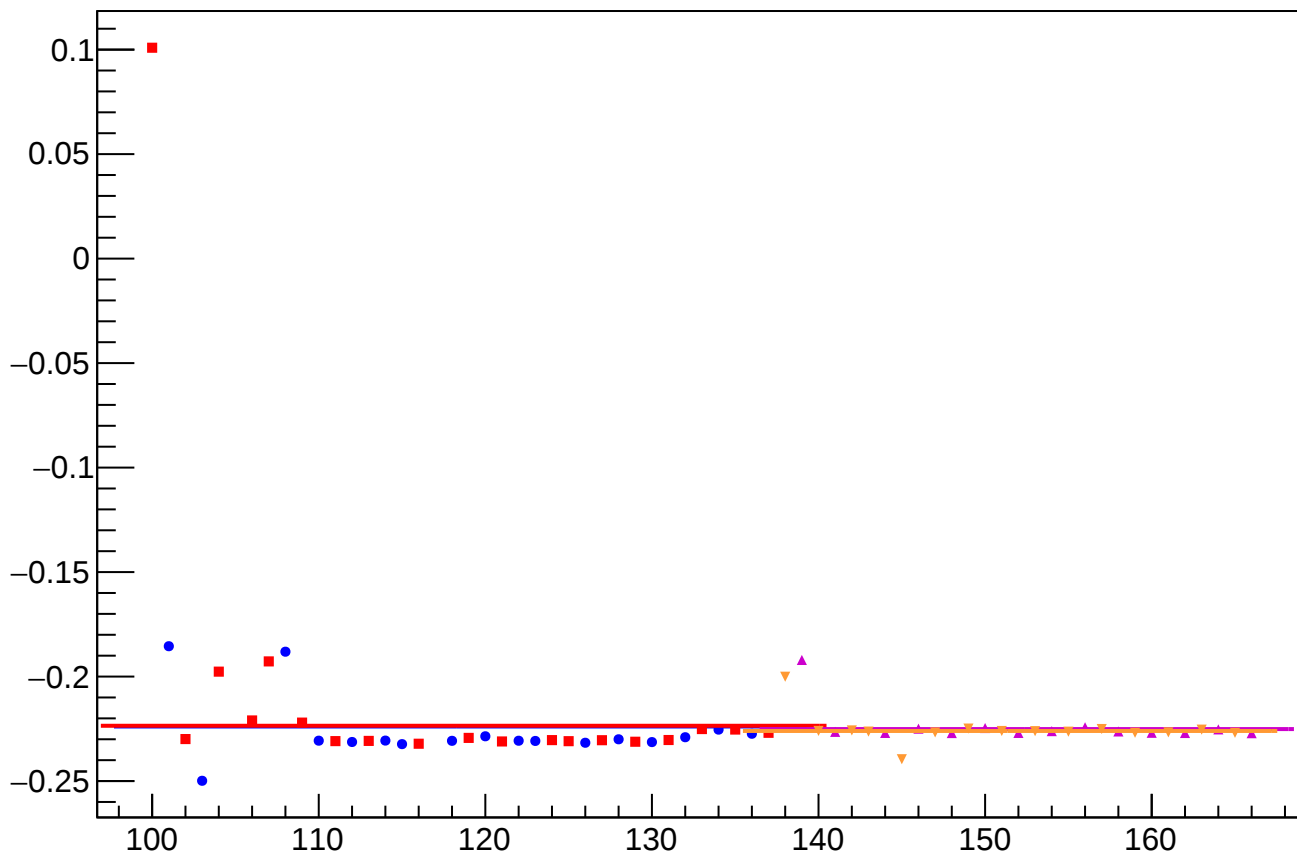
Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:731189.7/13

+ sign 0.010 $\pm$ 0.000 χ^2 /NDF: 2197516.1/31

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 5243401.3/64

- sign 0.011 $\pm$ 0.000 χ^2 /NDF: 3040049.1/32

yield_bpm16Y_mean vs Slug



Right In: -0.224+/-0.000 χ^2/NDF : 74600073.9/16

Left Out: -0.226+/-0.000 χ^2/NDF : 20602425.0/14

Right Out: -0.224+/-0.000 χ^2/NDF : 168124199.3/18

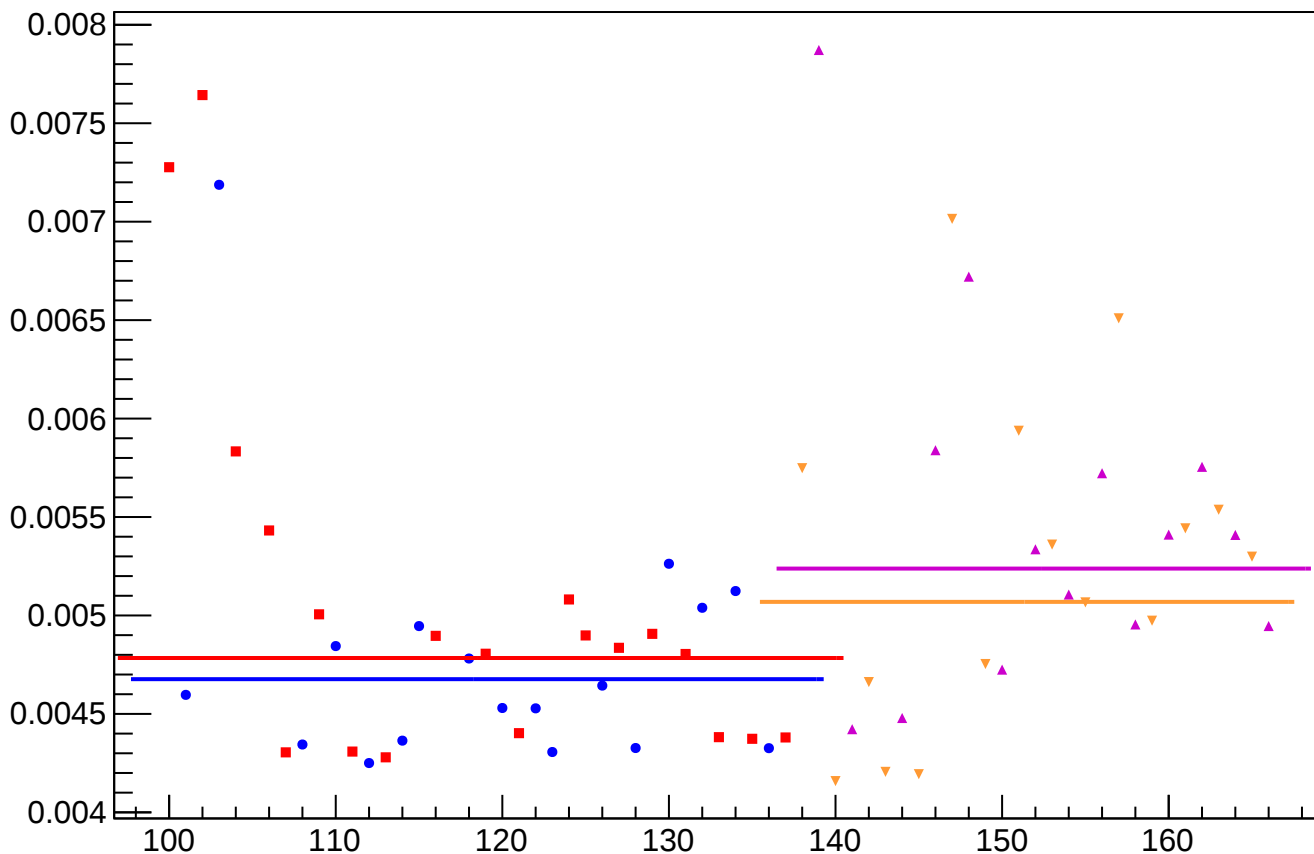
Left In: -0.225+/-0.000 χ^2/NDF : 12833743.3/13

+ sign -0.225+/-0.000 χ^2/NDF : 95949450.1/31

All: -0.225+/-0.000 χ^2/NDF : 277471485.3/64

- sign -0.224+/-0.000 χ^2/NDF : 181355252.4/32

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 180780.8/16

Left Out: 0.005+/-0.000 χ^2/NDF : 449006.2/14

Right Out: 0.005+/-0.000 χ^2/NDF : 248269.2/18

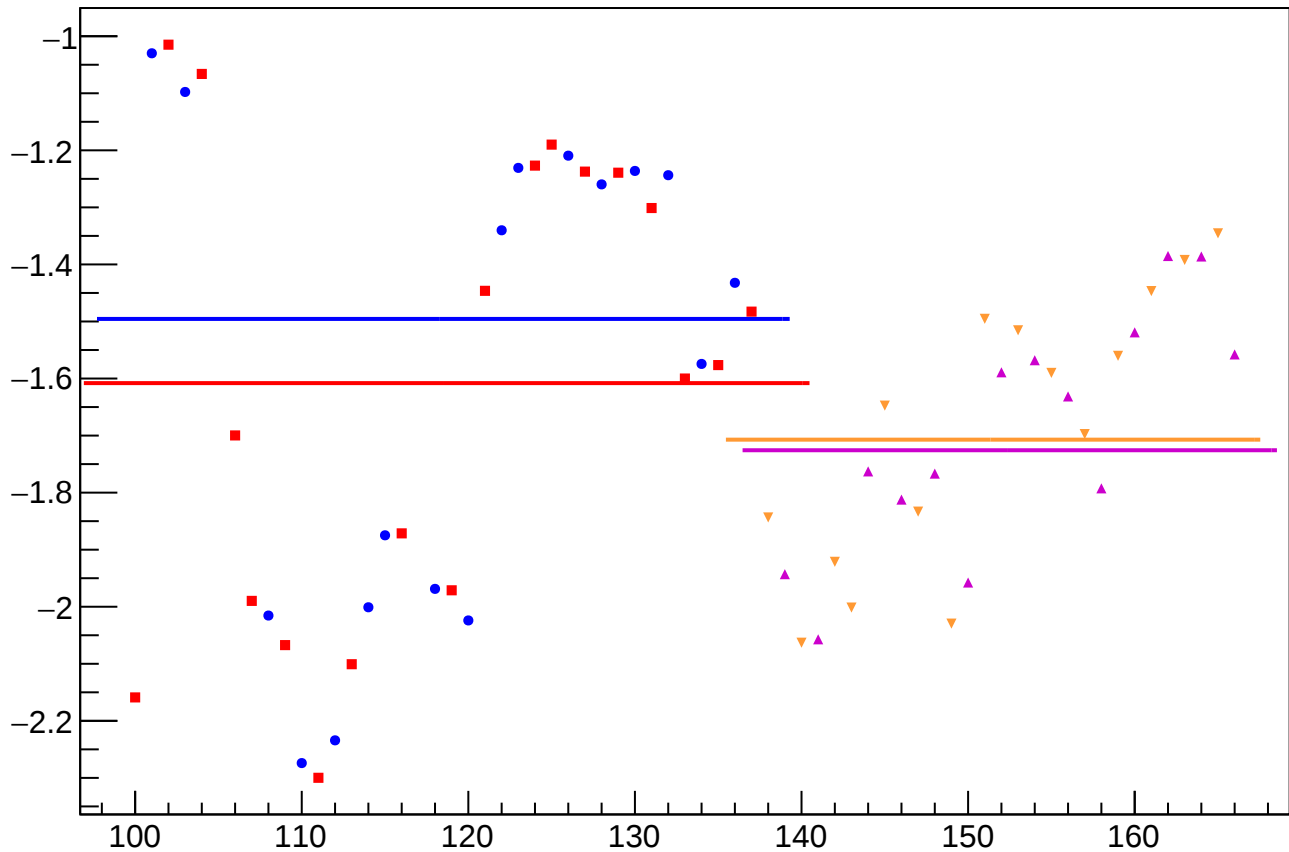
Left In: 0.005+/-0.000 χ^2/NDF : 396342.9/13

+ sign 0.005+/-0.000 χ^2/NDF : 679791.7/31

All: 0.005+/-0.000 χ^2/NDF : 1401709.7/64

- sign 0.005+/-0.000 χ^2/NDF : 710172.0/32

yield_bpm0l01X_mean vs Slug



Right In: -1.496+/-0.000 χ^2/NDF : 22506050663.3/16

Left Out: -1.707+/-0.000 χ^2/NDF : 15151932045.6/14

Right Out: -1.608+/-0.000 χ^2/NDF : 27852841950.3/18

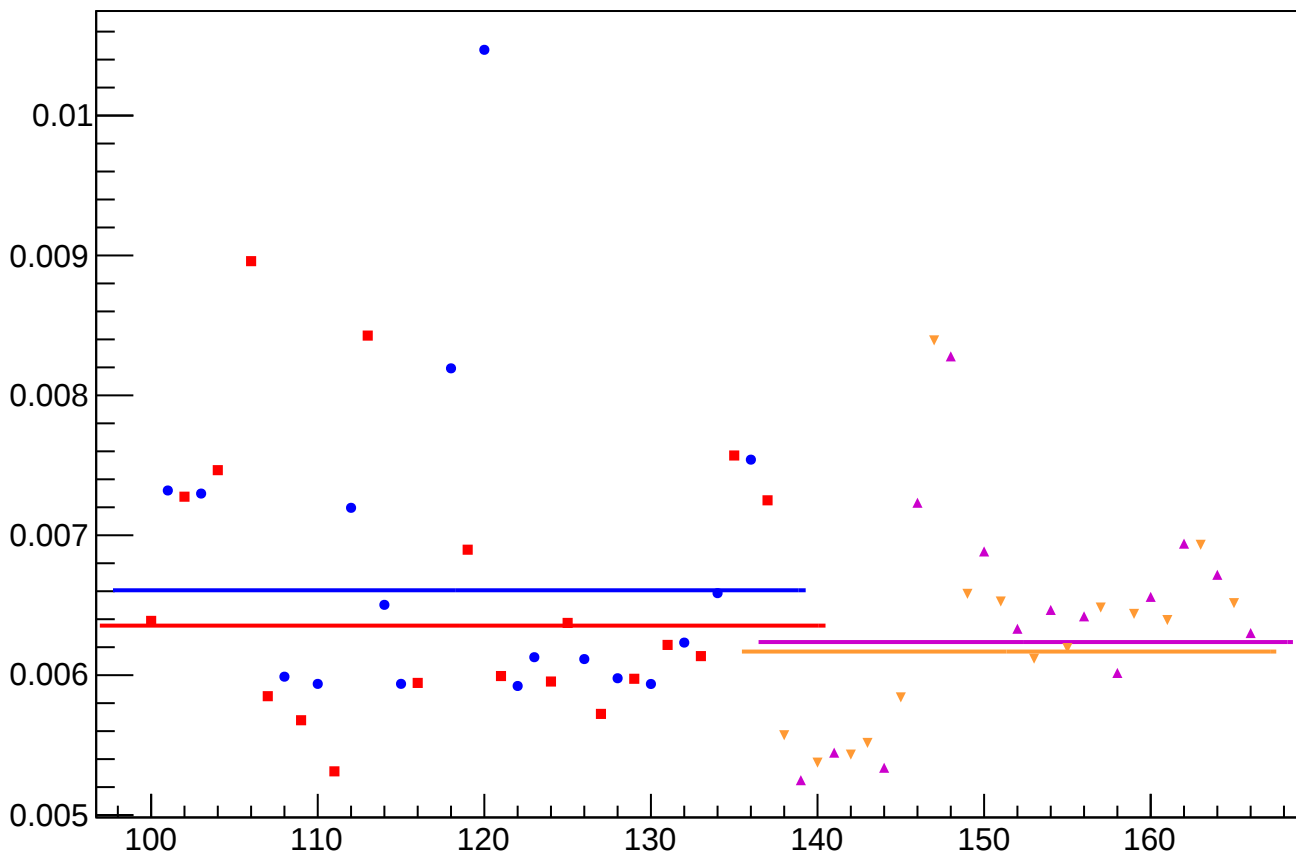
Left In: -1.726+/-0.000 χ^2/NDF : 10792746665.4/13

+ sign -1.636+/-0.000 χ^2/NDF : 41788065368.4/31

All: -1.658+/-0.000 χ^2/NDF : 82231957284.6/32

- sign -1.680+/-0.000 χ^2/NDF : 40033896444.0/32

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 201323.2/16

Left Out: 0.006+/-0.000 χ^2/NDF :226223.3/14

Right Out: 0.006+/-0.000 χ^2/NDF : 227287.9/18

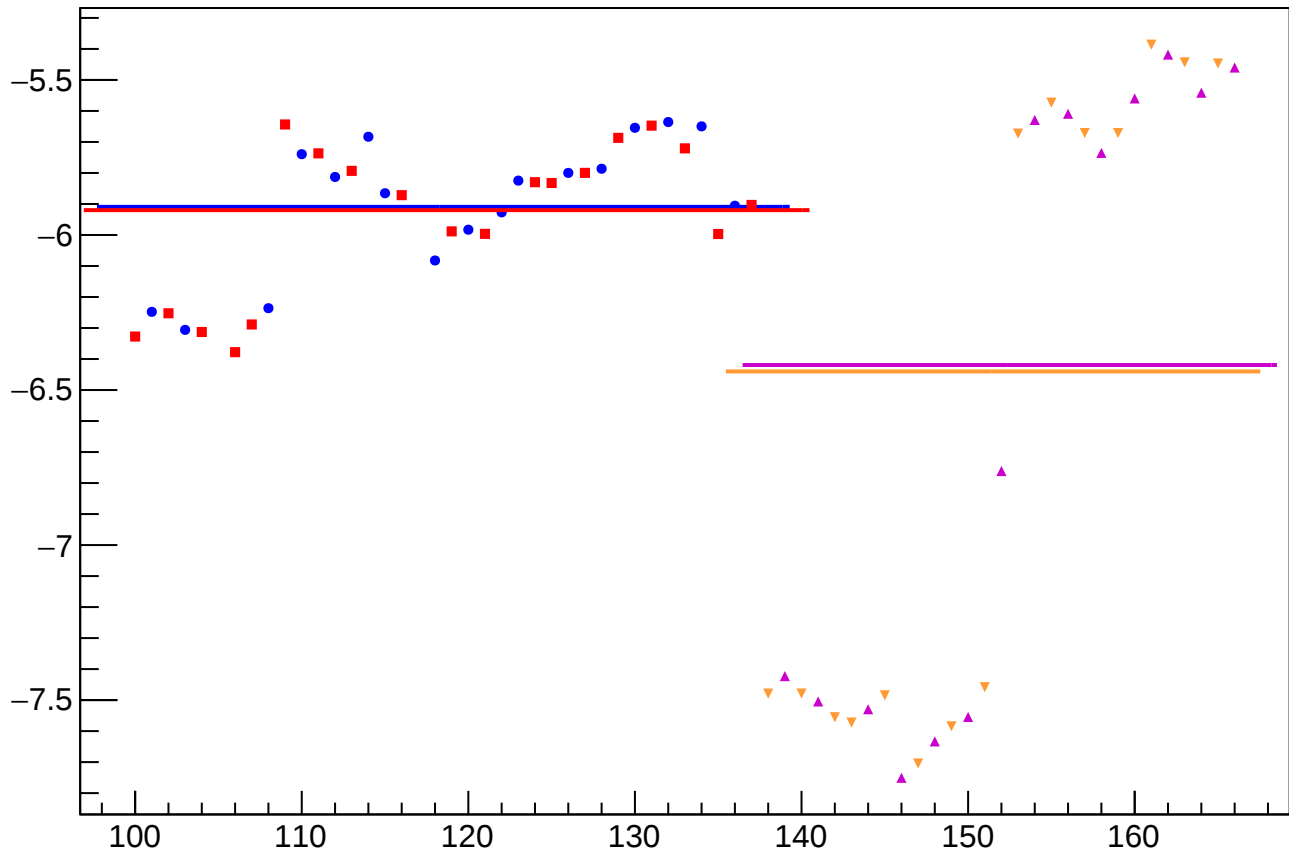
Left In: 0.006+/-0.000 χ^2/NDF :289517.2/13

+ sign 0.006+/-0.000 χ^2/NDF : 462935.1/31

All: 0.006+/-0.000 χ^2/NDF : 982985.5/64

- sign 0.006+/-0.000 χ^2/NDF : 519570.9/32

yield_bpm0l01Y_mean vs Slug



Right In: -5.909+/-0.000 χ^2/NDF : 11125163629.1/16

Left Out: -6.440+/-0.000 χ^2/NDF : 148925369467.9/14

Right Out: -5.920+/-0.000 χ^2/NDF : 12785272526.6/18

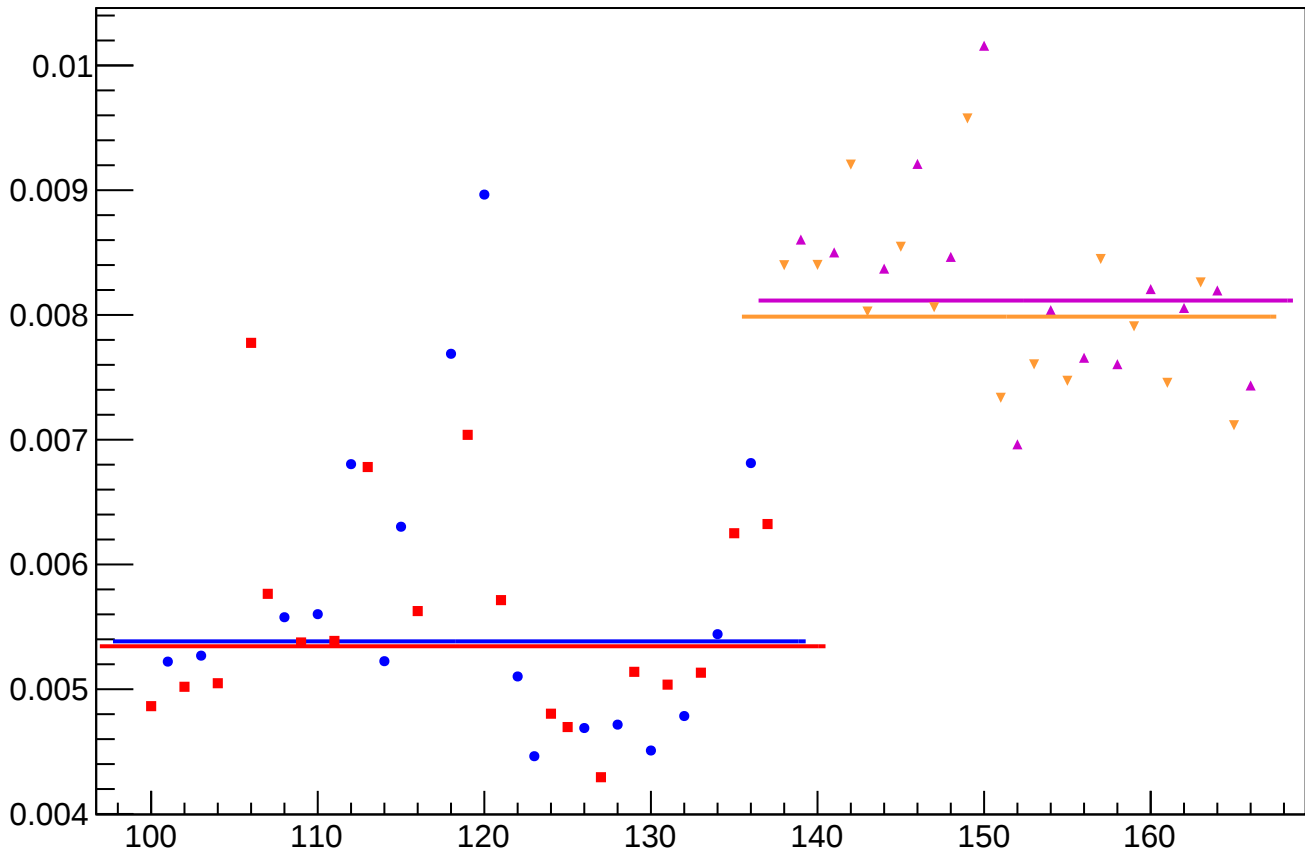
Left In: -6.419+/-0.000 χ^2/NDF : 128060471658.8/13

+ sign -6.136+/-0.000 χ^2/NDF : 184424108570.4/31

All: -6.127+/-0.000 χ^2/NDF : 347360916322.7

- sign -6.118+/-0.000 χ^2/NDF : 162874523629.6/32

yield_bpm0l01Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 347627.8/16

Left Out: 0.008+/-0.000 χ^2/NDF :112526.8/14

Right Out: 0.005+/-0.000 χ^2/NDF : 244700.0/18

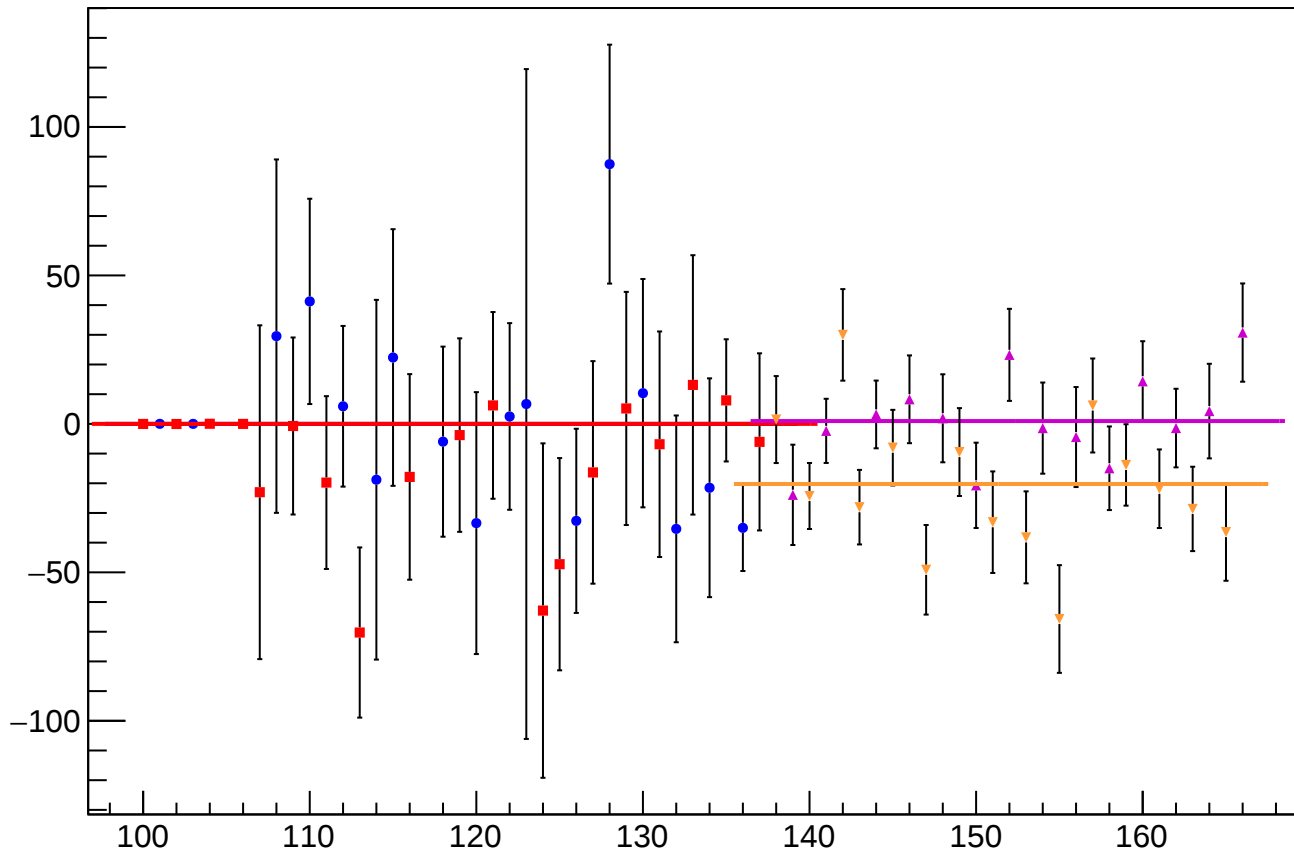
Left In: 0.008+/-0.000 χ^2/NDF :149438.5/13

+ sign 0.006+/-0.000 χ^2/NDF : 1632067.9/31

All: 0.006+/-0.000 χ^2/NDF : 3383520.8/64

- sign 0.006+/-0.000 χ^2/NDF : 1750358.1/32

diff_cav4bX_mean vs Slug



Right In: 0.013 ± 0.017 χ^2/NDF : 15.8/16

Left Out: -20.250 ± 3.708 χ^2/NDF : 31.0/14

Right Out: 0.003 ± 0.016 χ^2/NDF : 15.3/18

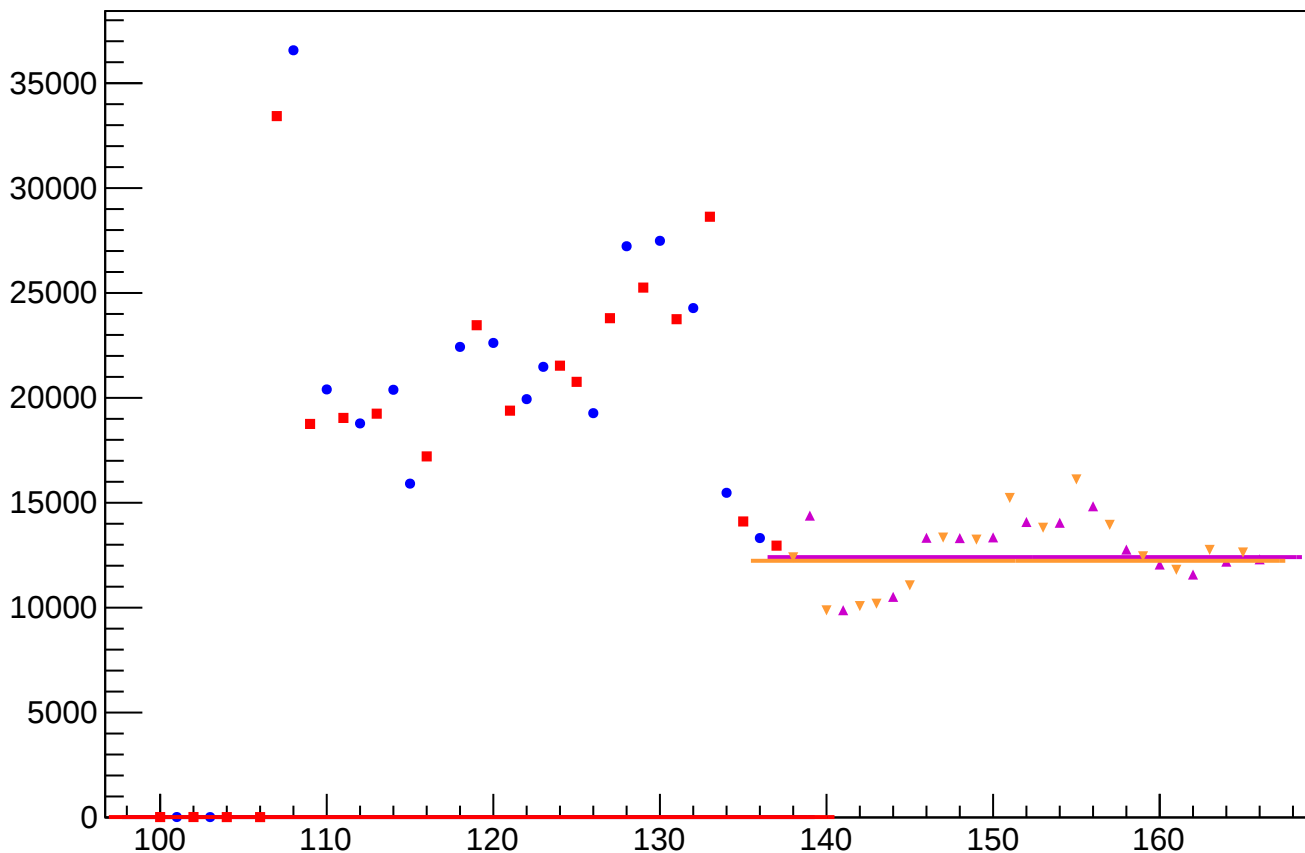
Left In: 0.955 ± 3.793 χ^2/NDF : 12.6/13

+ sign 0.013 ± 0.017 χ^2/NDF : 76.6/31

All: 0.008 ± 0.012 χ^2/NDF : 104.7/64

- sign 0.003 ± 0.016 χ^2/NDF : 28.0/32

diff_cav4bX_rms vs Slug



Right In: 18.641+/-0.012 χ^2/NDF : 10841561.4/16

Left Out: 12234.480+/-2.622 χ^2/NDF : 423128.0/14

Right Out: 18.311+/-0.011 χ^2/NDF : 11103320.8/18

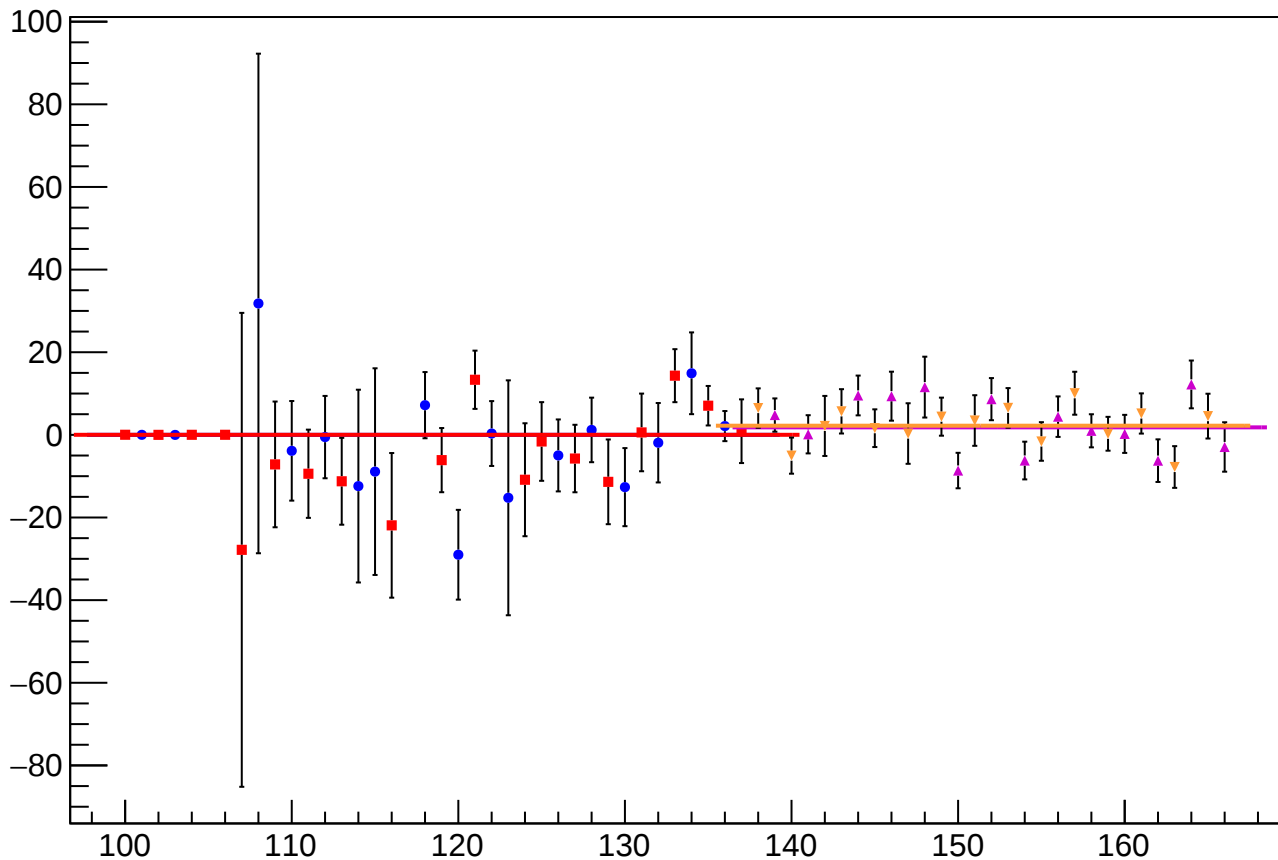
Left In: 12409.323+/-2.682 χ^2/NDF : 314635.6/13

+ sign 18.908+/-0.012 χ^2/NDF : 32973917.9/31

All: 18.707+/-0.008 χ^2/NDF : 65731252.2/64

- sign 18.534+/-0.011 χ^2/NDF : 32756833.7/32

diff_cav4bY_mean vs Slug



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 14.9/16

Left Out: 2.217 $\pm$ 1.300 χ^2 /NDF:12.8/14

Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.4/18

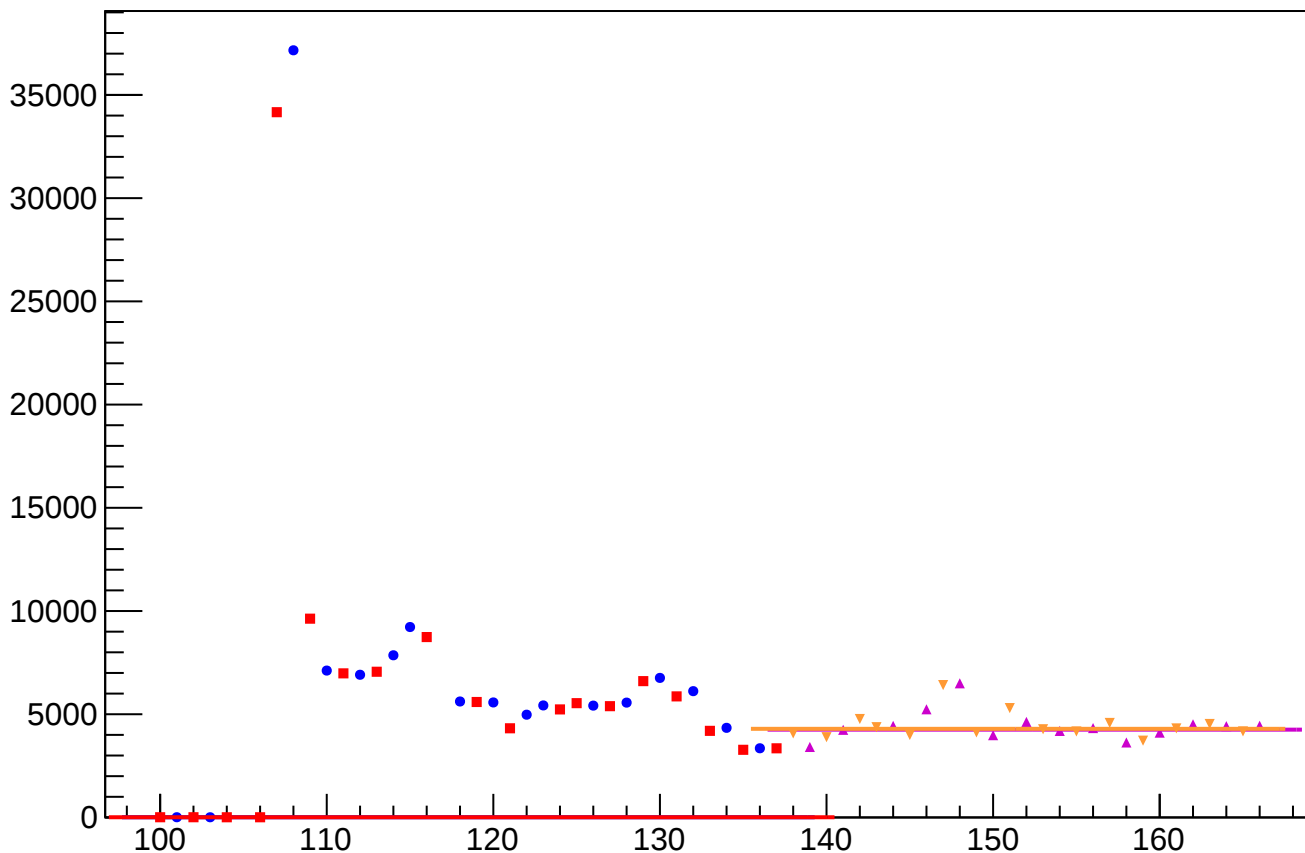
Left In: 1.815 $\pm$ 1.306 χ^2 /NDF:24.2/13

+ sign 0.001 $\pm$ 0.009 χ^2 /NDF: 30.6/31

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 76.2/64

- sign 0.014 $\pm$ 0.009 χ^2 /NDF: 44.5/32

diff_cav4bY_rms vs Slug



Right In: 9.938 $\pm$ 0.007 χ^2 /NDF: 10973577.1/16

Left Out: 4293.413 $\pm$ 0.919 χ^2 /NDF: 315261.6/14

Right Out: 9.854 $\pm$ 0.006 χ^2 /NDF: 11152667.7/18

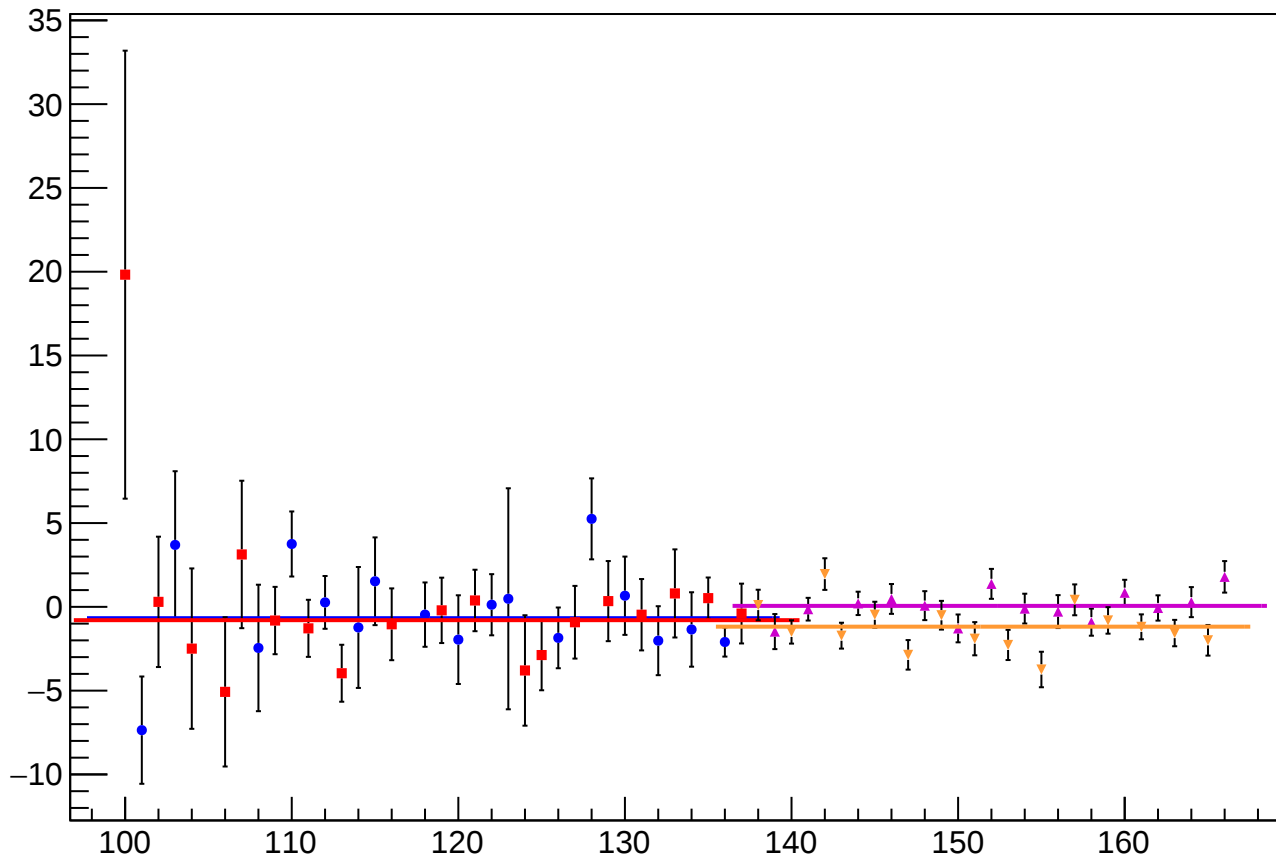
Left In: 4253.512 $\pm$ 0.924 χ^2 /NDF: 409176.7/13

+ sign 10.153 $\pm$ 0.007 χ^2 /NDF: 33018093.3/31

All: 10.093 $\pm$ 0.004 χ^2 /NDF: 65682077.0/64

- sign 10.040 $\pm$ 0.006 χ^2 /NDF: 32663825.1/32

diff_cav4cX_mean vs Slug



Right In: -0.677 ± 0.484 χ^2/NDF : 22.3/16

Left Out: -1.182 ± 0.219 χ^2/NDF : 31.0/14

Right Out: -0.795 ± 0.501 χ^2/NDF : 12.0/18

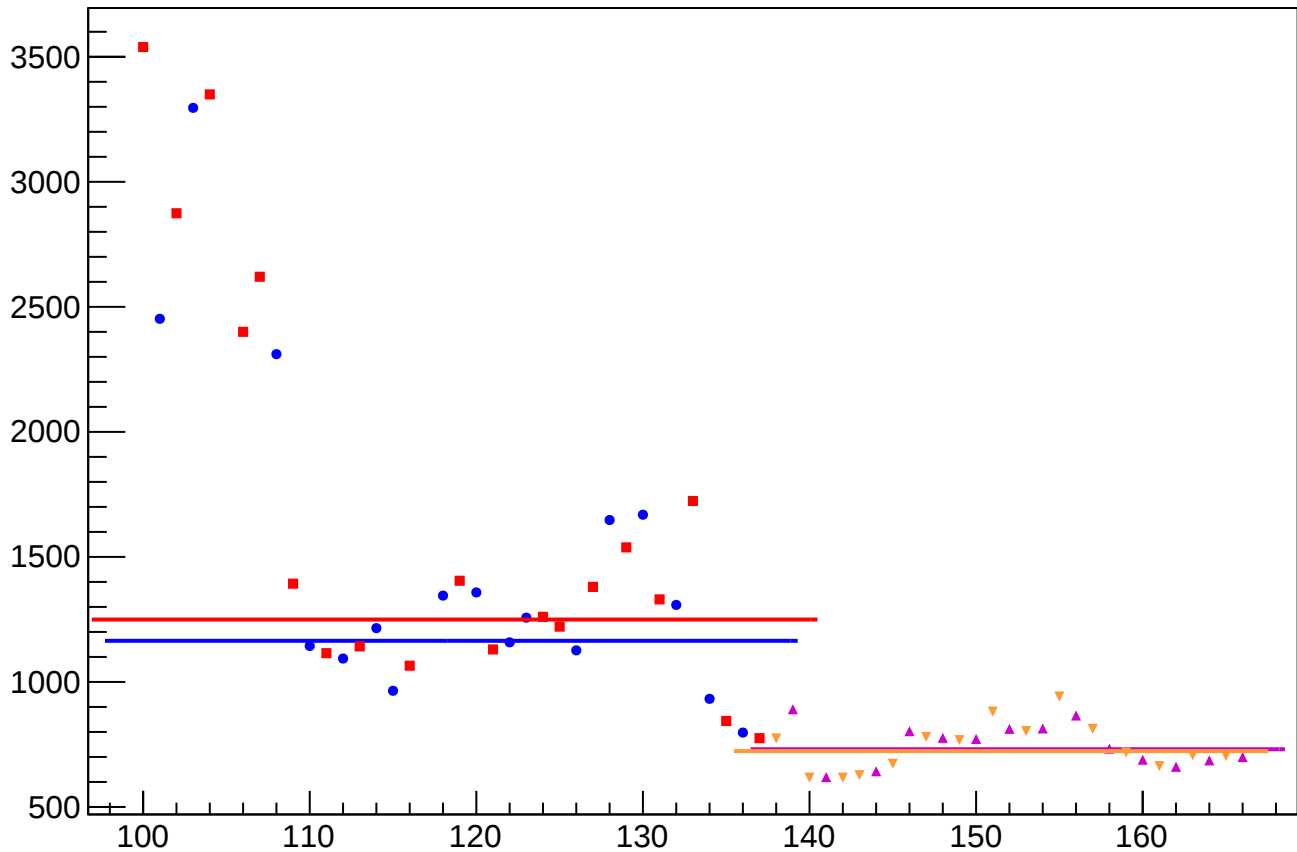
Left In: 0.058 ± 0.223 χ^2/NDF : 13.4/13

+ sign -1.097 ± 0.199 χ^2/NDF : 54.1/31

All: -0.601 ± 0.142 χ^2/NDF : 94.6/64

- sign -0.083 ± 0.204 χ^2/NDF : 27.8/32

diff_cav4cX_rms vs Slug



Right In: 1164.459+/-0.342 χ^2/NDF : 1584212.9/16

Left Out: 723.416+/-0.155 χ^2/NDF : 316071.0/14

Right Out: 1249.596+/-0.354 χ^2/NDF : 1650133.1/18

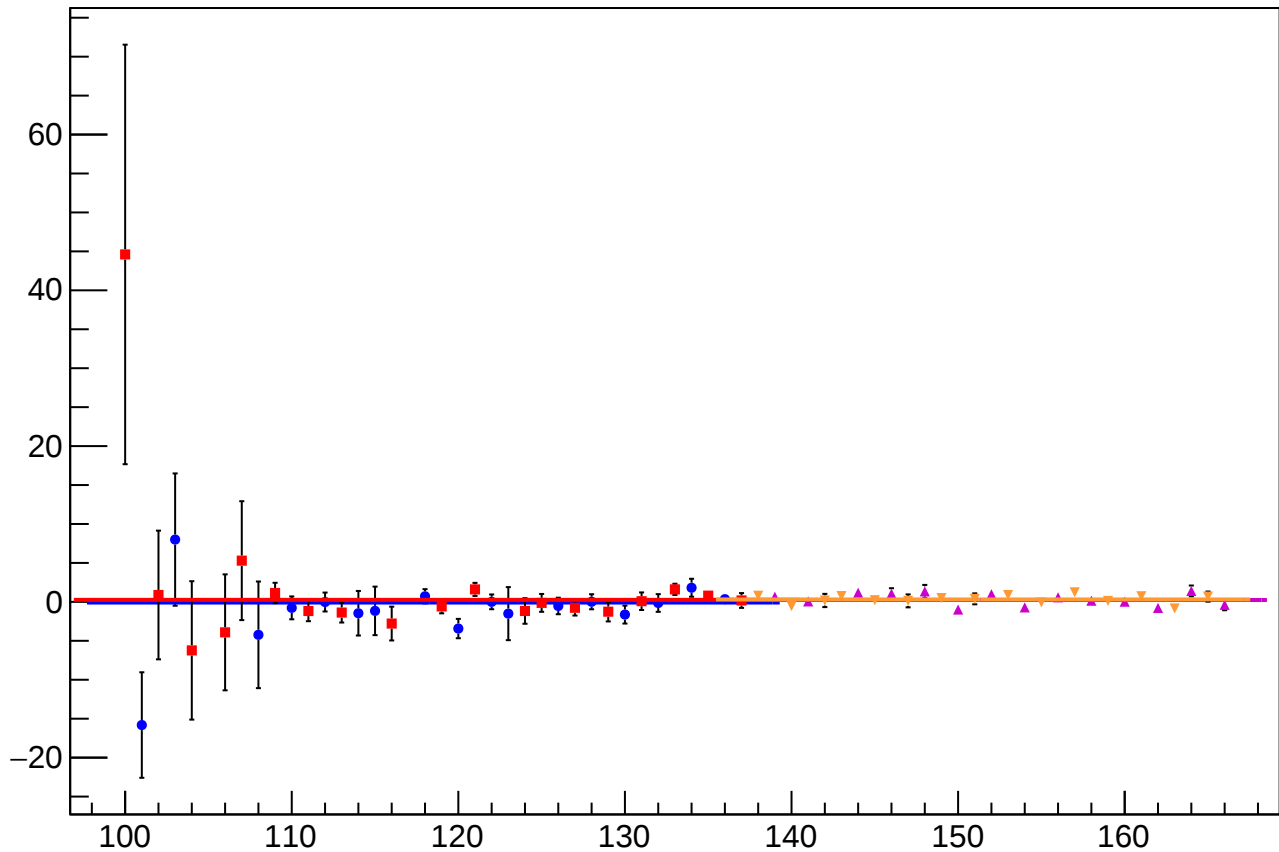
Left In: 730.981+/-0.158 χ^2/NDF : 258809.0/13

+ sign 798.110+/-0.141 χ^2/NDF : 3278978.4/31

All: 807.200+/-0.101 χ^2/NDF : 6983198.0/64

- sign 816.712+/-0.144 χ^2/NDF : 3695700.7/32

diff_cav4cY_mean vs Slug



Right In: -0.086 ± 0.270 χ^2/NDF : 21.1/16

Left Out: 0.312 ± 0.156 χ^2/NDF : 12.1/14

Right Out: 0.259 ± 0.264 χ^2/NDF : 20.4/18

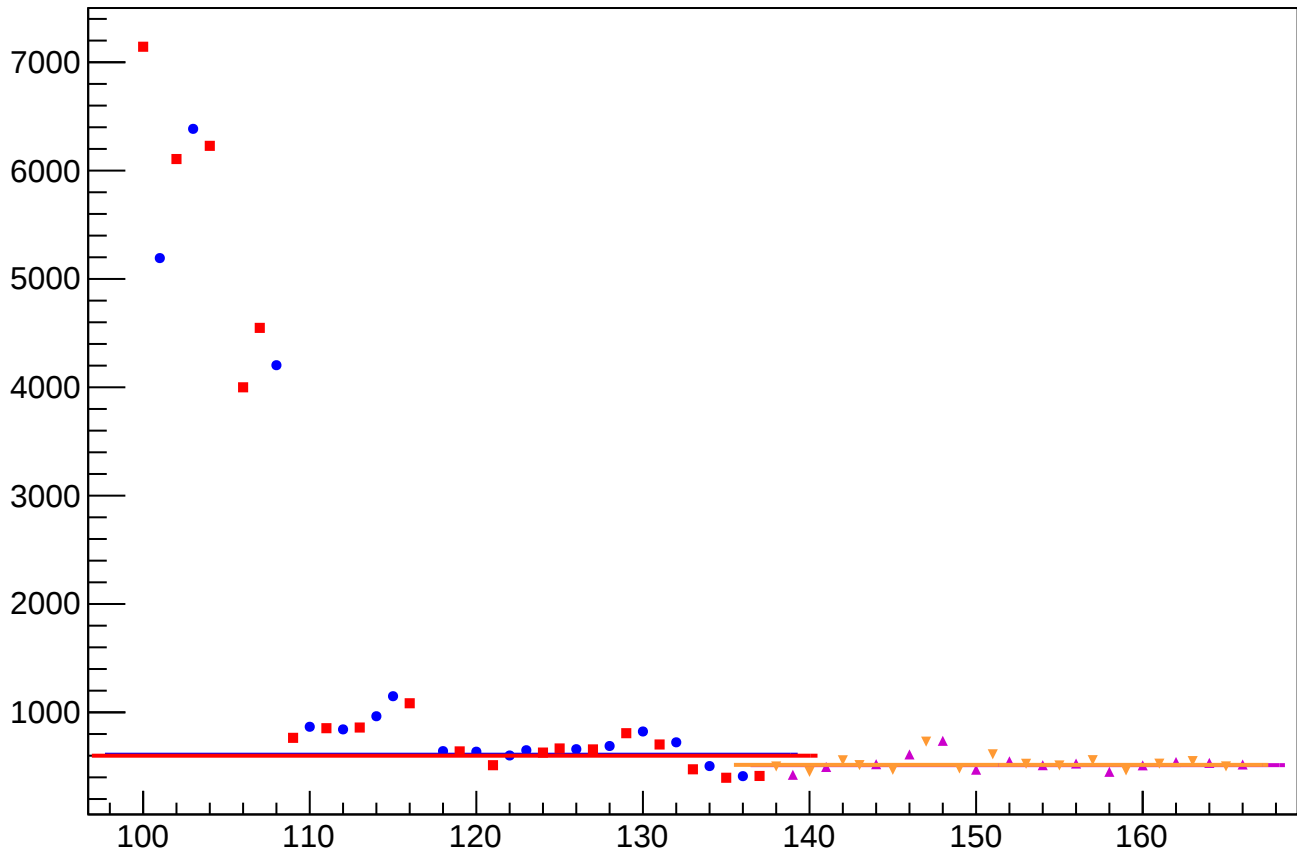
Left In: 0.238 ± 0.157 χ^2/NDF : 23.8/13

+ sign 0.213 ± 0.135 χ^2/NDF : 34.8/31

All: 0.228 ± 0.095 χ^2/NDF : 79.1/64

- sign 0.243 ± 0.135 χ^2/NDF : 44.2/32

diff_cav4cY_rms vs Slug



Right In: 609.016 $\pm$ 0.191 χ^2 /NDF: 3139231.5/16

Left Out: 515.225 $\pm$ 0.110 χ^2 /NDF: 270511.2/14

Right Out: 599.910 $\pm$ 0.187 χ^2 /NDF: 3547599.8/18

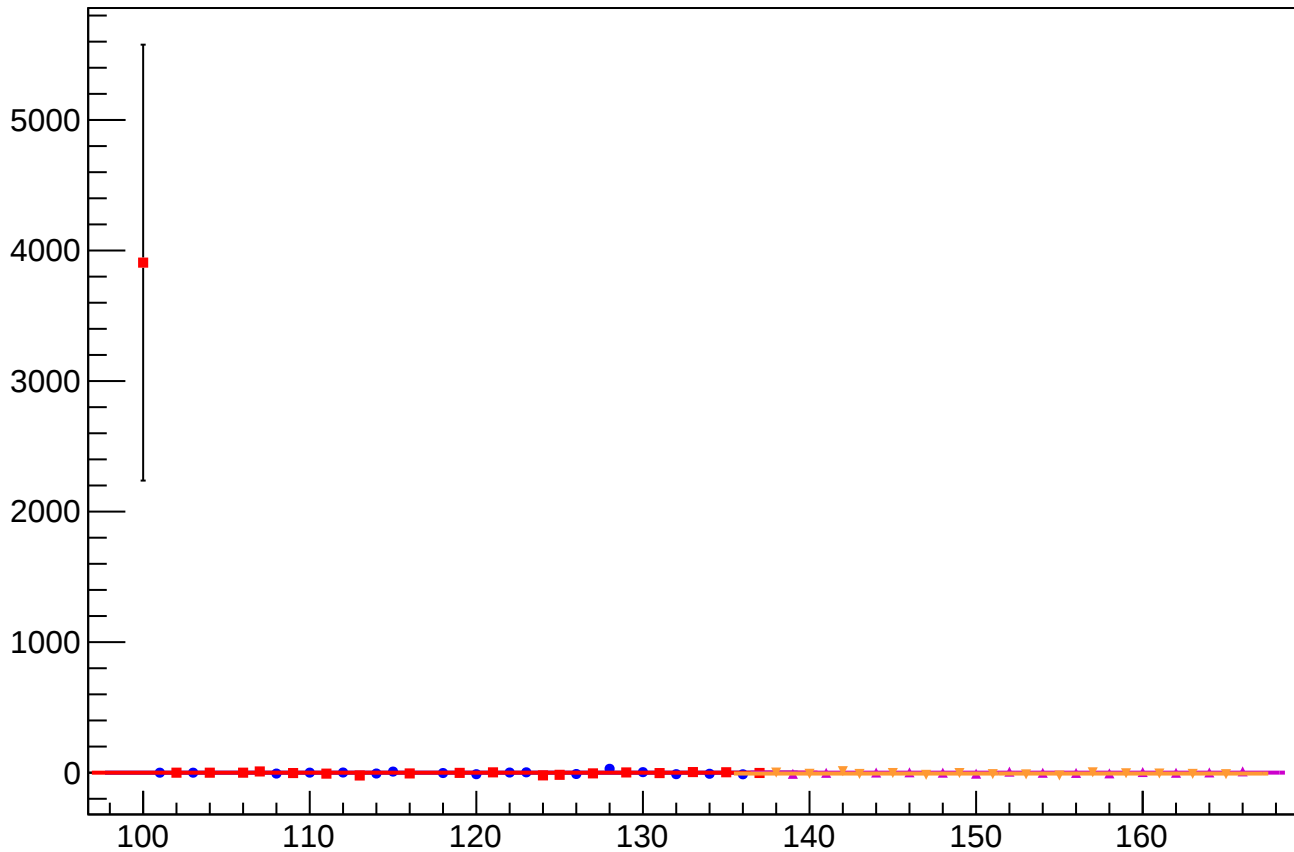
Left In: 512.667 $\pm$ 0.111 χ^2 /NDF: 310493.5/13

+ sign 538.607 $\pm$ 0.095 χ^2 /NDF: 3590709.9/31

All: 537.017 $\pm$ 0.067 χ^2 /NDF: 7610390.6/64

- sign 535.424 $\pm$ 0.095 χ^2 /NDF: 4019124.5/32

diff_cav4dX_mean vs Slug



Right In: -0.022 ± 0.021 χ^2/NDF : 15.3/16

Left Out: -6.821 ± 1.274 χ^2/NDF : 31.0/14

Right Out: -0.027 ± 0.020 χ^2/NDF : 17.3/18

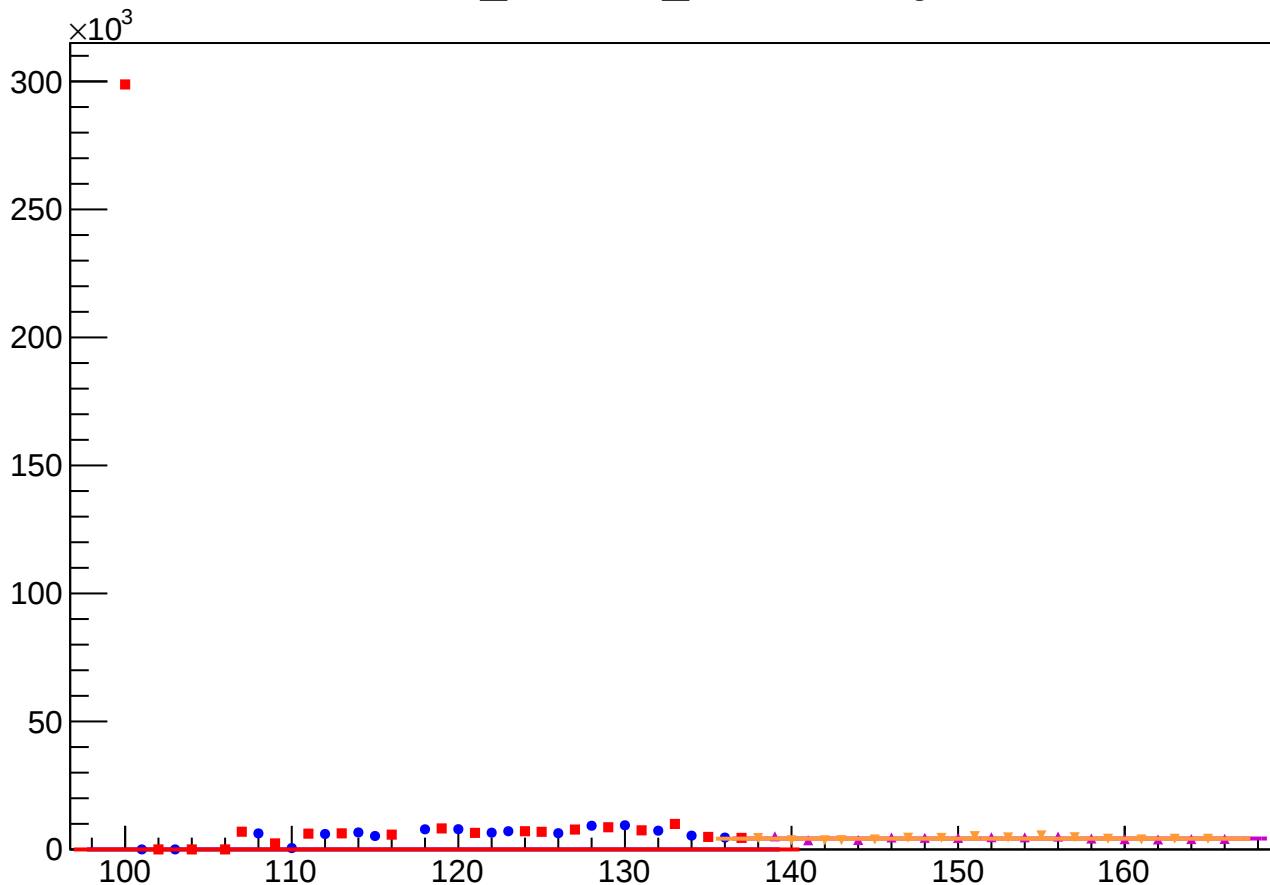
Left In: 0.363 ± 1.303 χ^2/NDF : 13.1/13

+ sign -0.023 ± 0.021 χ^2/NDF : 74.8/31

All: -0.025 ± 0.014 χ^2/NDF : 105.3/64

- sign -0.027 ± 0.020 χ^2/NDF : 30.4/32

diff_cav4dX_rms vs Slug



Right In: 17.337 ± 0.015 χ^2/NDF : 10359409.4/16

Left Out: 4214.246 ± 0.901 χ^2/NDF : 334038.1/14

Right Out: 17.268 ± 0.014 χ^2/NDF : 10813350.8/18

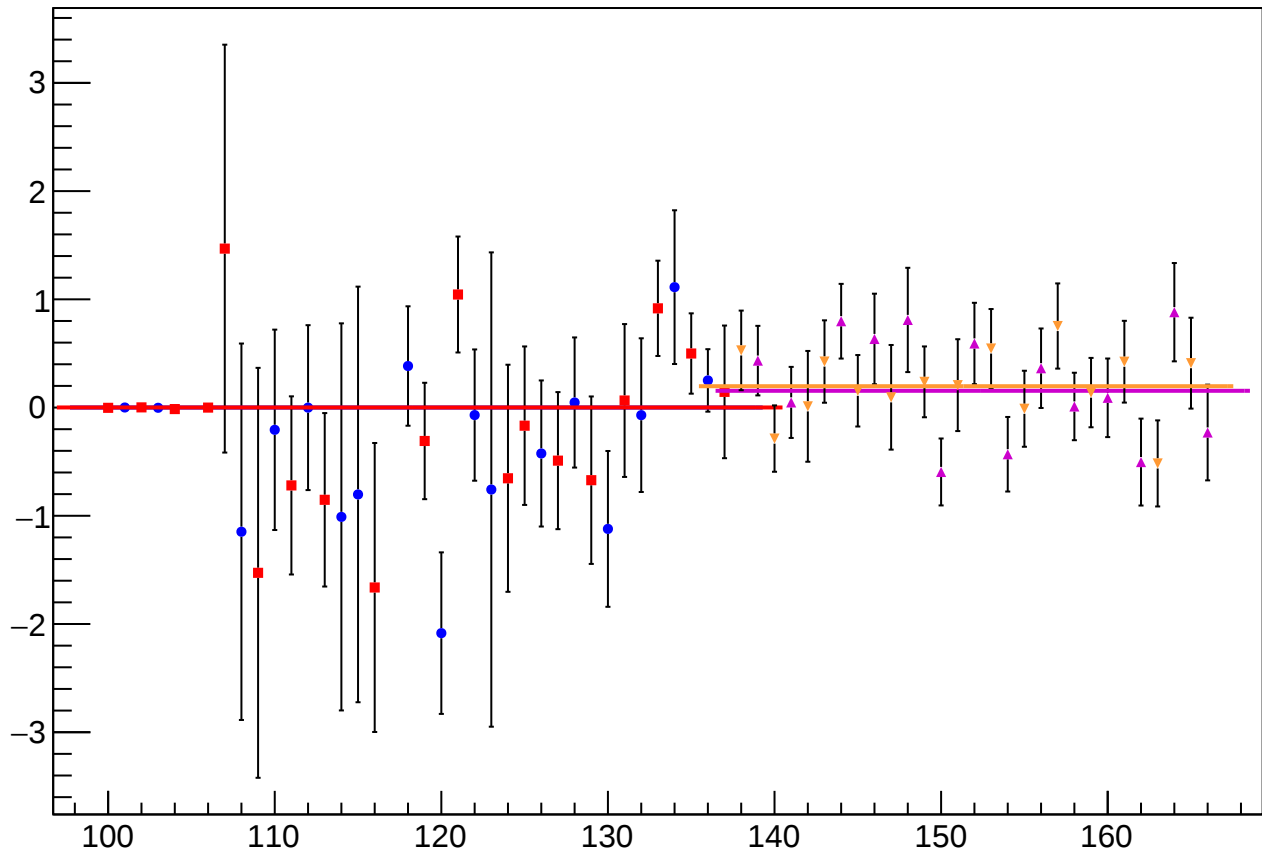
Left In: 4269.961 ± 0.922 χ^2/NDF : 261831.9/13

+ sign 18.455 ± 0.015 χ^2/NDF : 32388758.4/31

All: 18.346 ± 0.010 χ^2/NDF : 64755615.4/64

- sign 18.247 ± 0.014 χ^2/NDF : 32366752.7/32

diff_cav4dY_mean vs Slug



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 15.6/16

Left Out: 0.197 $\pm$ 0.096 χ^2 /NDF:11.0/14

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 17.8/18

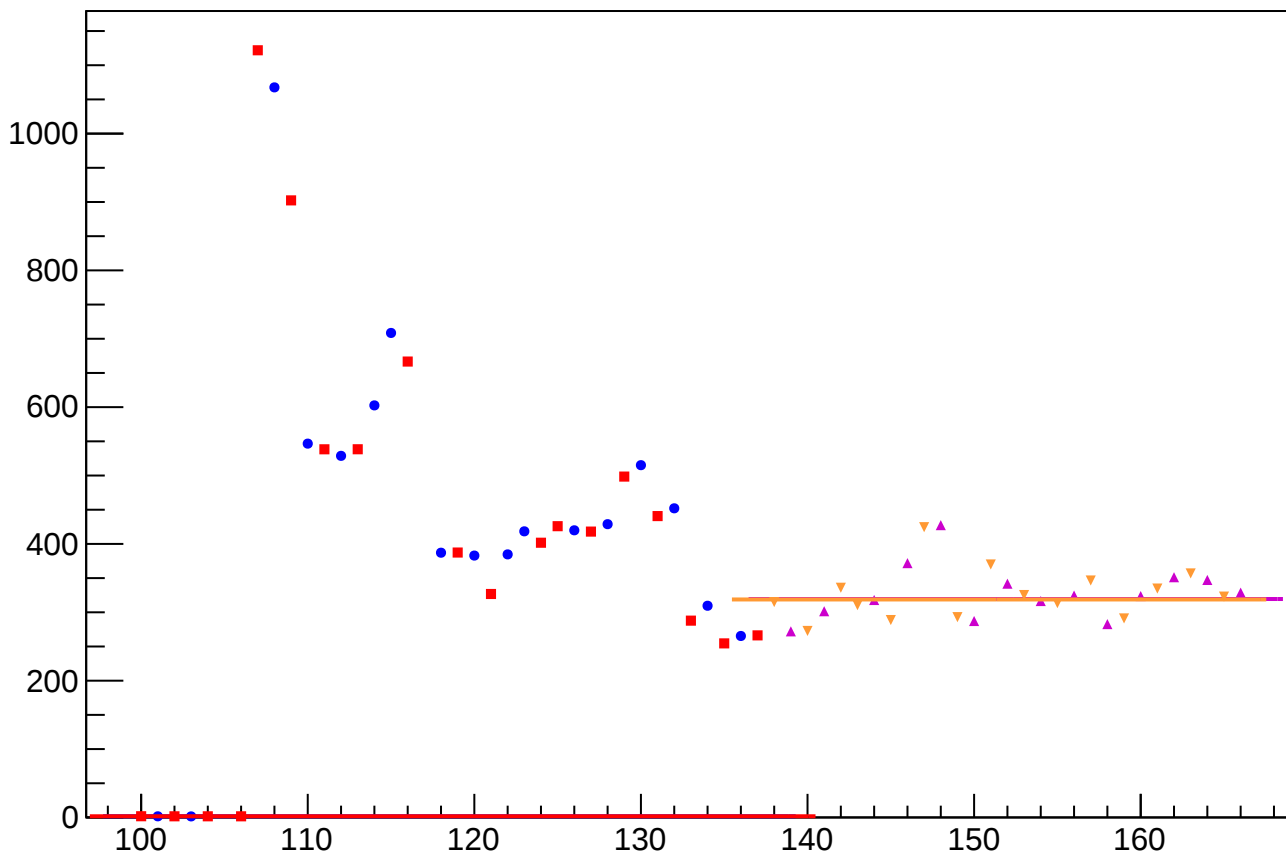
Left In: 0.155 $\pm$ 0.098 χ^2 /NDF:24.2/13

+ sign 0.000 $\pm$ 0.002 χ^2 /NDF: 30.8/31

All: 0.001 $\pm$ 0.001 χ^2 /NDF: 75.3/64

- sign 0.001 $\pm$ 0.002 χ^2 /NDF: 44.5/32

diff_cav4dY_rms vs Slug



Right In: 1.698 $\pm$ 0.001 χ^2 /NDF: 10911617.0/16

Left Out: 318.772 $\pm$ 0.068 χ^2 /NDF: 250322.8/14

Right Out: 1.728 $\pm$ 0.001 χ^2 /NDF: 10736674.8/18

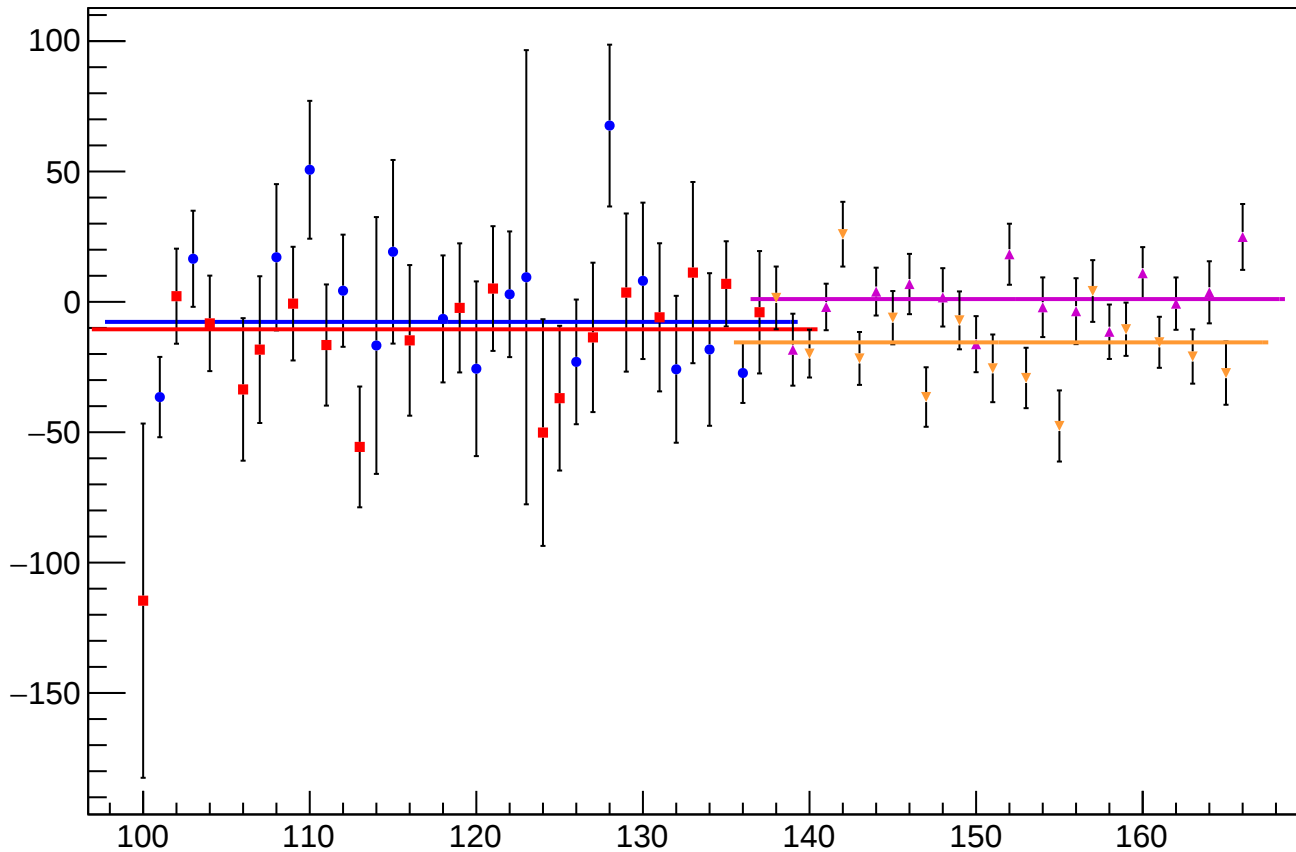
Left In: 319.439 $\pm$ 0.069 χ^2 /NDF: 259478.0/13

+ sign 1.839 $\pm$ 0.001 χ^2 /NDF: 32848957.4/31

All: 1.846 $\pm$ 0.001 χ^2 /NDF: 64988590.7/64

- sign 1.853 $\pm$ 0.001 χ^2 /NDF: 32139578.3/32

diff_bpm4aX_mean vs Slug



Right In: -7.683 ± 5.627 χ^2/NDF : 22.4/16

Left Out: -15.538 ± 2.859 χ^2/NDF : 30.3/14

Right Out: -10.524 ± 5.682 χ^2/NDF : 11.9/18

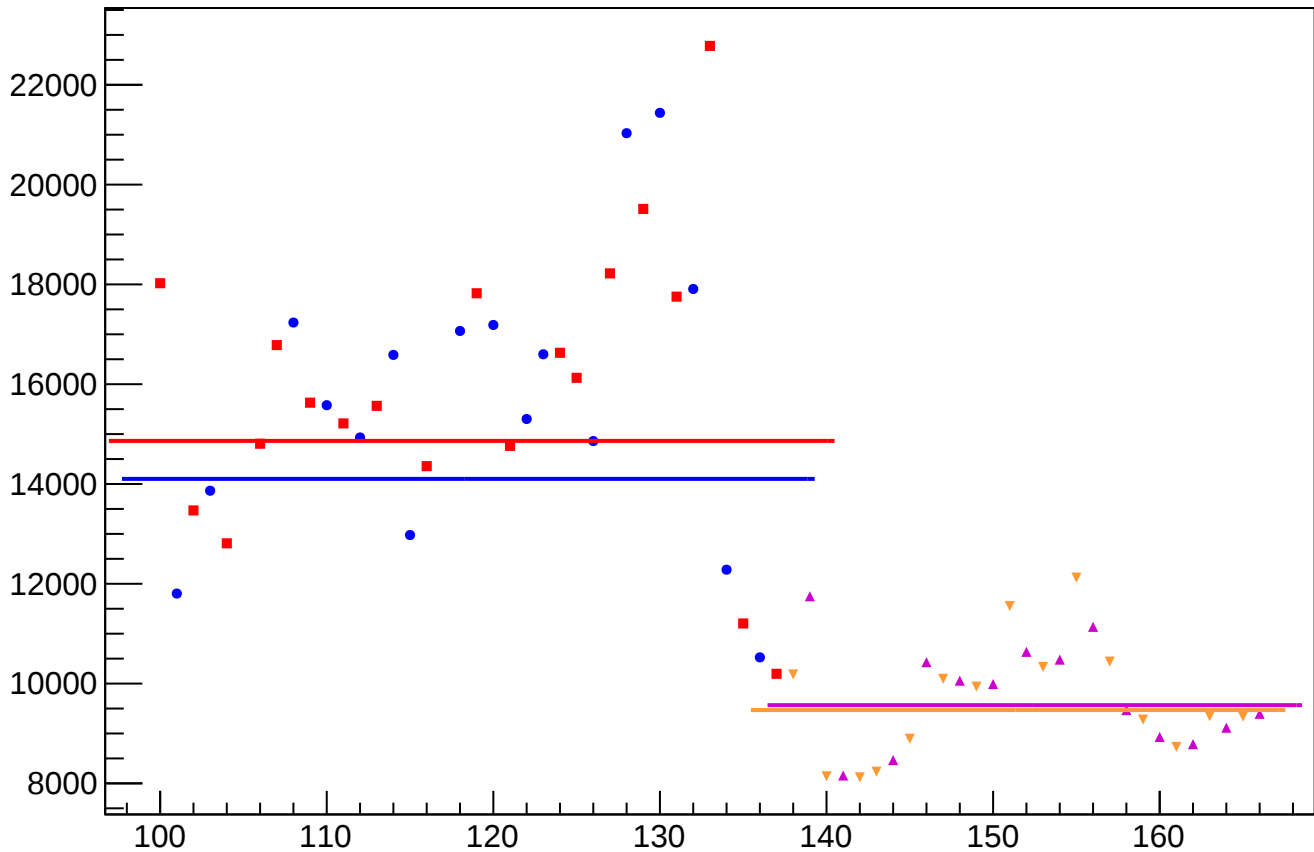
Left In: 1.067 ± 2.918 χ^2/NDF : 13.5/13

+ sign -13.926 ± 2.549 χ^2/NDF : 54.2/31

All: -7.754 ± 1.819 χ^2/NDF : 94.8/64

- sign -1.352 ± 2.596 χ^2/NDF : 28.6/32

diff_bpm4aX_rms vs Slug



Right In: 14102.522+/-3.979 χ^2/NDF : 598934.8/16

Left Out: 9468.824+/-2.022 χ^2/NDF : 282702.8/14

Right Out: 14864.163+/-4.018 χ^2/NDF : 470280.3/18

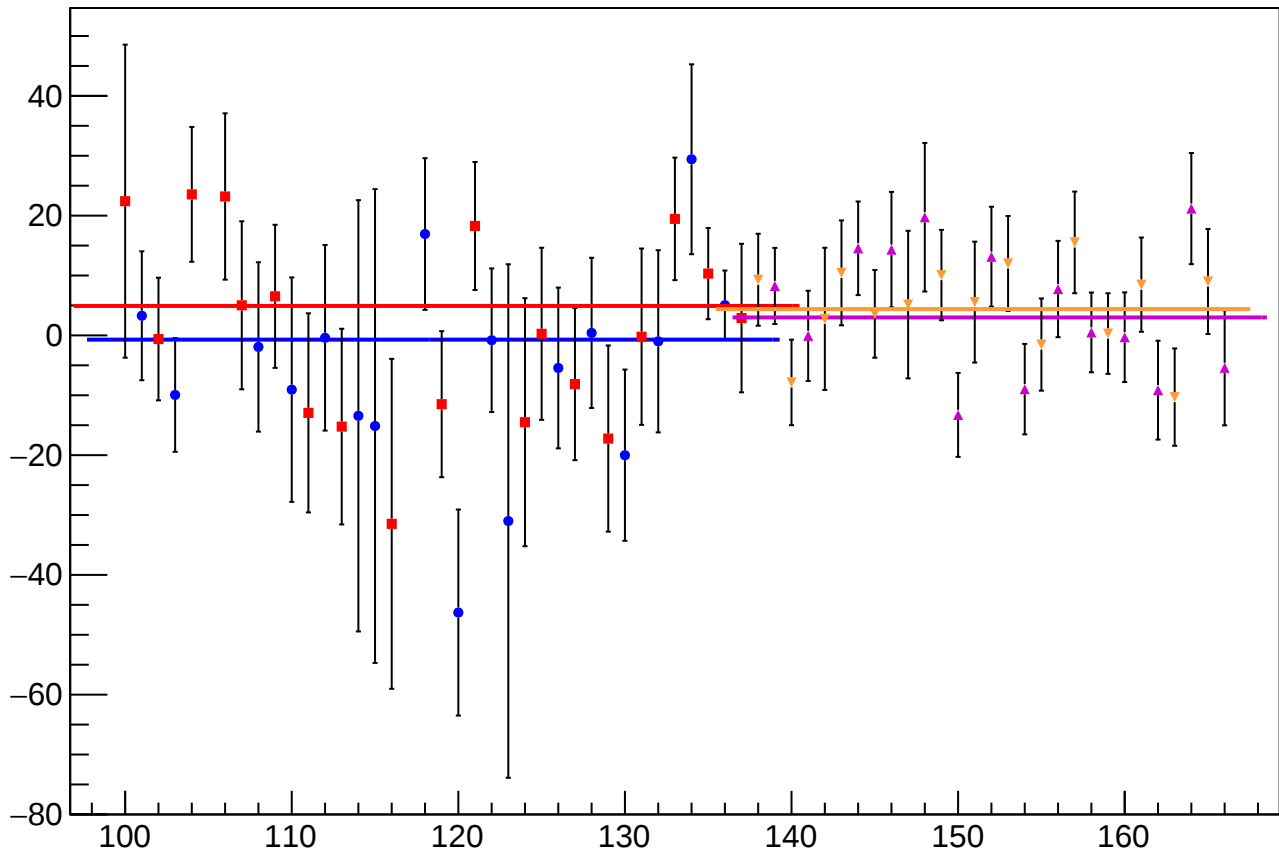
Left In: 9567.691+/-2.063 χ^2/NDF : 230780.3/13

+ sign 10419.586+/-1.802 χ^2/NDF : 1959505.5/31

All: 10544.016+/-1.286 χ^2/NDF : 4045280.1/6

- sign 10673.066+/-1.836 χ^2/NDF : 2076065.7/32

diff_bpm4aY_mean vs Slug



Right In: -0.708 ± 3.084 χ^2/NDF : 17.6/16

Left Out: 4.396 ± 2.121 χ^2/NDF : 11.9/14

Right Out: 4.918 ± 2.940 χ^2/NDF : 19.8/18

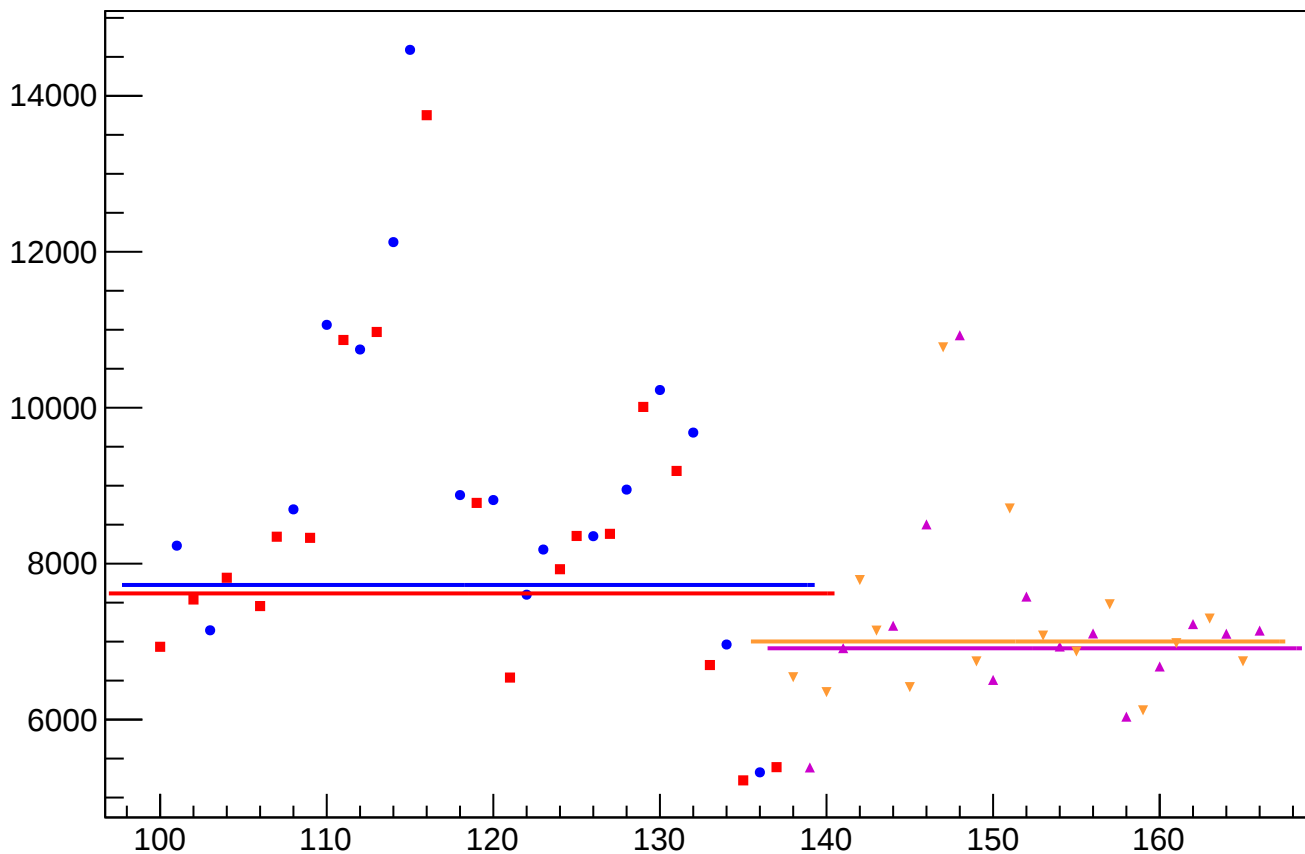
Left In: 2.998 ± 2.126 χ^2/NDF : 23.1/13

+ sign 2.756 ± 1.748 χ^2/NDF : 31.3/31

All: 3.213 ± 1.227 χ^2/NDF : 74.5/64

- sign 3.658 ± 1.723 χ^2/NDF : 43.1/32

diff_bpm4aY_rms vs Slug



Right In: 7726.745 $\pm$ 2.180 χ^2 /NDF: 742512.8/16

Left Out: 7001.822 $\pm$ 1.500 χ^2 /NDF:338387.7/14

Right Out: 7618.206 $\pm$ 2.079 χ^2 /NDF: 675125.4/18

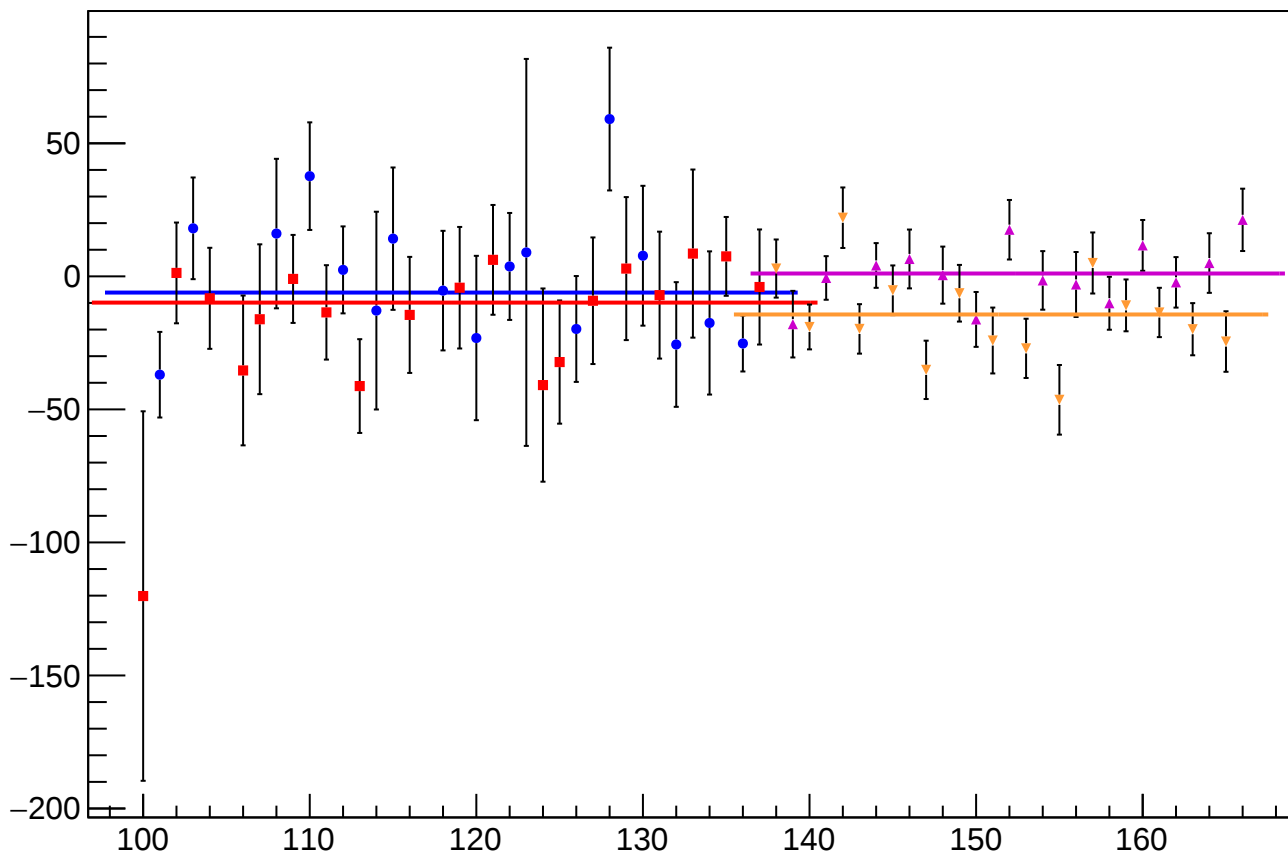
Left In: 6914.314 $\pm$ 1.503 χ^2 /NDF:443878.6/13

+ sign 7234.656 $\pm$ 1.236 χ^2 /NDF: 1155937.3/31

All: 7194.811 $\pm$ 0.868 χ^2 /NDF: 2352280.8/64

- sign 7156.086 $\pm$ 1.218 χ^2 /NDF: 1194293.2/32

diff_bpm4eX_mean vs Slug



Right In: -6.092 ± 5.034 $\chi^2/\text{NDF}: 22.9/16$

Left Out: -14.326 ± 2.685 $\chi^2/\text{NDF}: 30.5/14$

Right Out: -9.864 ± 5.004 $\chi^2/\text{NDF}: 11.6/18$

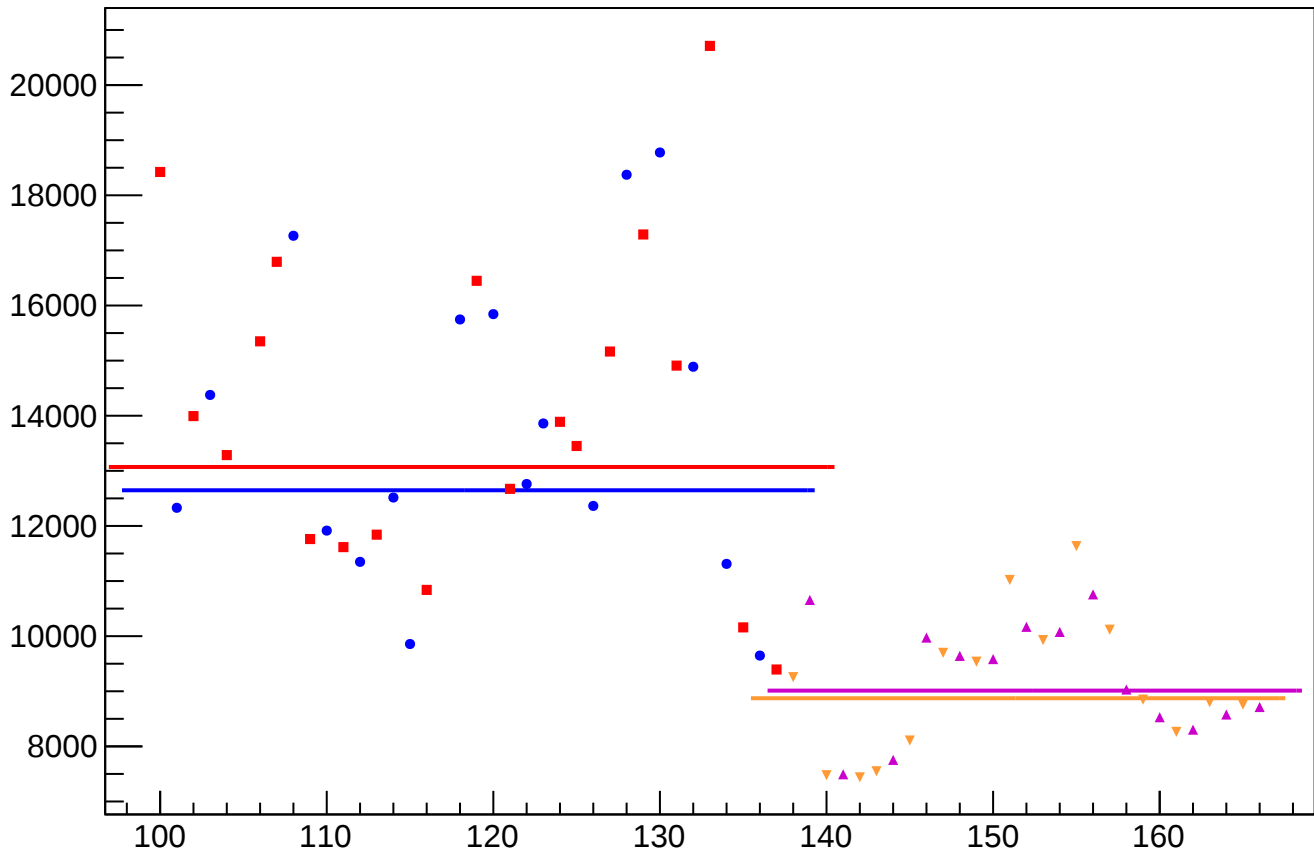
Left In: 1.071 ± 2.751 $\chi^2/\text{NDF}: 13.6/13$

+ sign -12.503 ± 2.369 $\chi^2/\text{NDF}: 55.5/31$

All: -7.083 ± 1.690 $\chi^2/\text{NDF}: 95.0/64$

- sign -1.468 ± 2.411 $\chi^2/\text{NDF}: 28.9/32$

diff_bpm4eX_rms vs Slug



Right In: 12647.257+/-3.559 χ^2/NDF : 554320.4/16

Left Out: 8873.768+/-1.898 χ^2/NDF : 362118.9/14

Right Out: 13069.930+/-3.538 χ^2/NDF : 496271.7/18

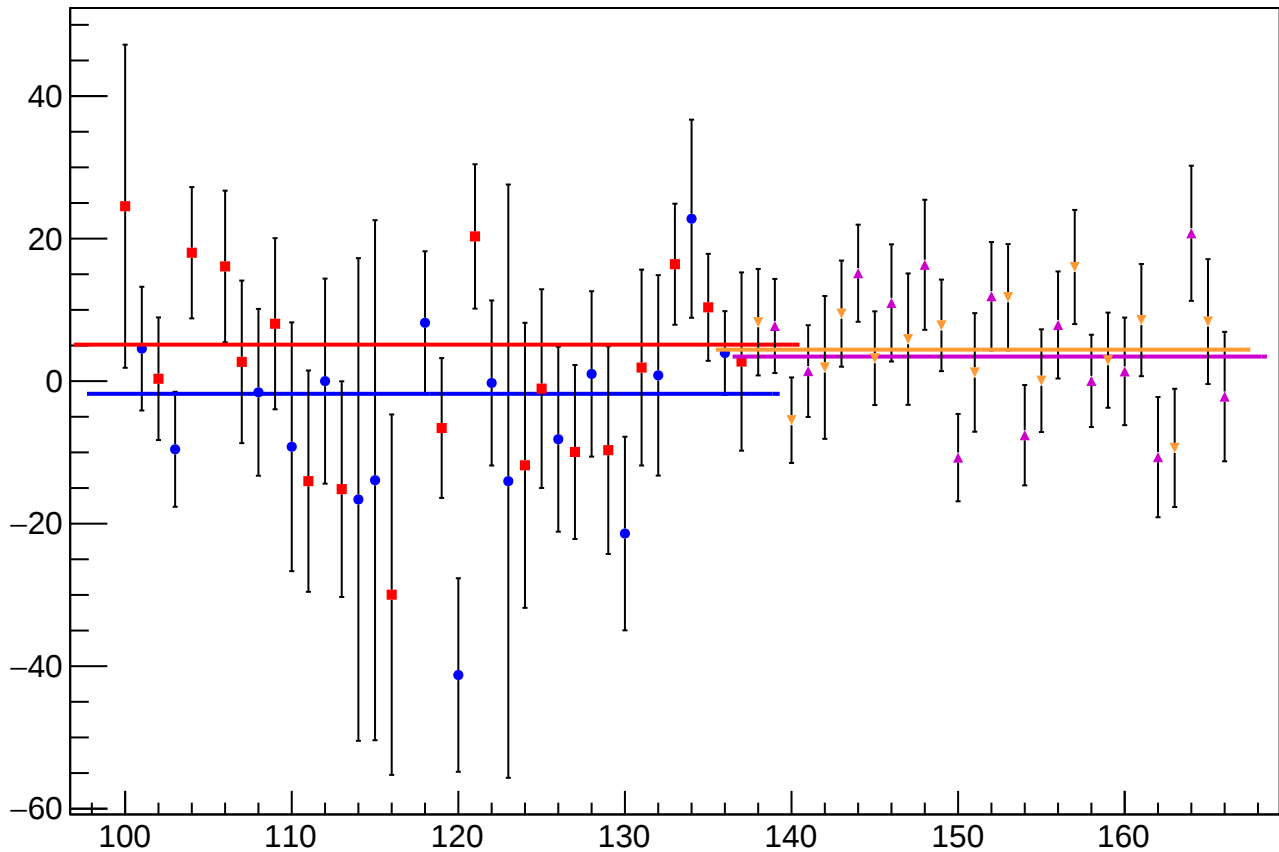
Left In: 9011.832+/-1.946 χ^2/NDF : 277802.9/13

+ sign 9709.414+/-1.675 χ^2/NDF : 1791480.1/31

All: 9829.579+/-1.195 χ^2/NDF : 3586169.5/64

- sign 9954.064+/-1.705 χ^2/NDF : 1784210.8/32

diff_bpm4eY_mean vs Slug



Right In: -1.777 ± 2.806 χ^2/NDF : 18.0/16

Left Out: 4.421 ± 1.938 χ^2/NDF : 10.7/14

Right Out: 5.122 ± 2.642 χ^2/NDF : 18.9/18

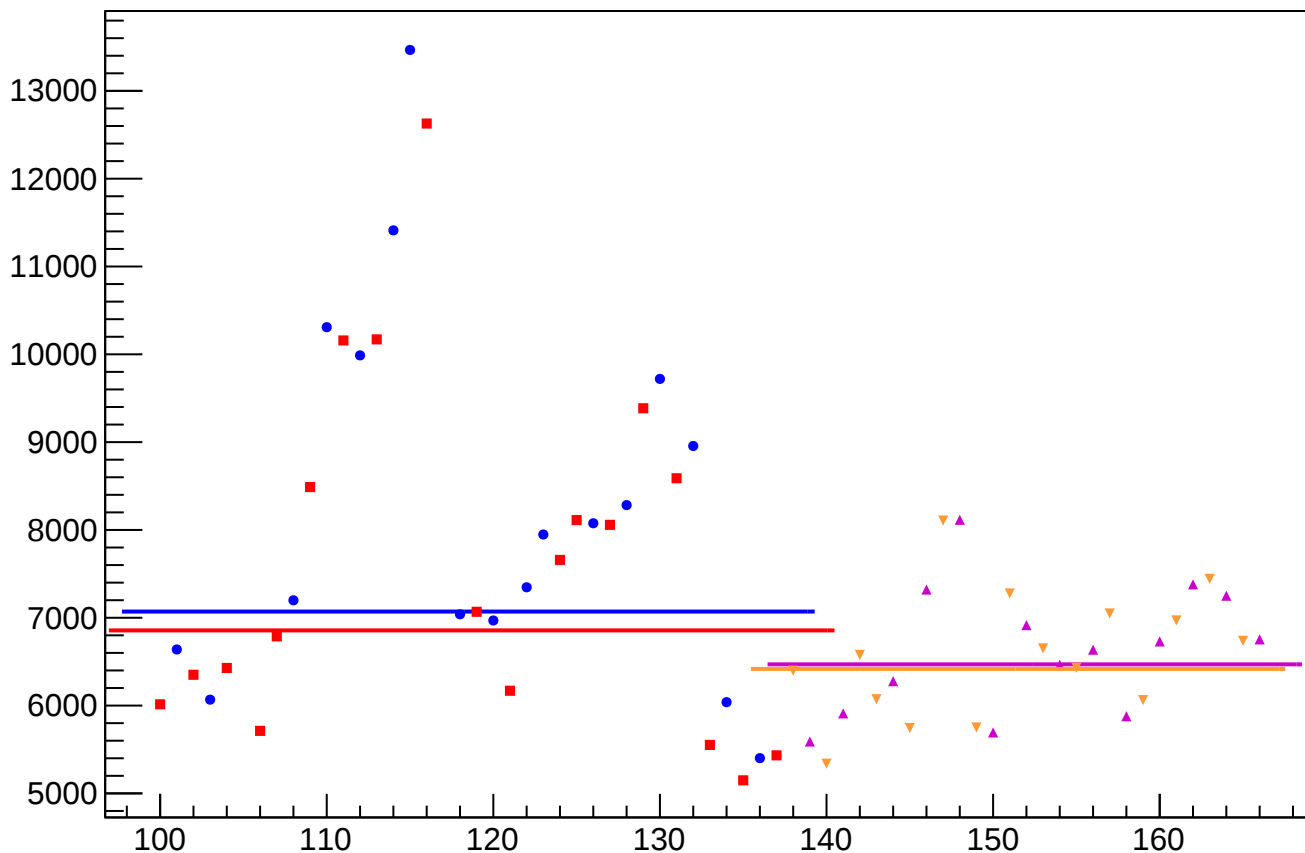
Left In: 3.450 ± 1.977 χ^2/NDF : 22.6/13

+ sign 2.419 ± 1.595 χ^2/NDF : 32.0/31

All: 3.241 ± 1.123 χ^2/NDF : 74.3/64

- sign 4.050 ± 1.583 χ^2/NDF : 41.7/32

diff_bpm4eY_rms vs Slug



Right In: 7070.672 $\pm$ 1.984 χ^2 /NDF: 601692.5/16

Left Out: 6417.306 $\pm$ 1.371 χ^2 /NDF: 263655.7/14

Right Out: 6856.136 $\pm$ 1.868 χ^2 /NDF: 682220.3/18

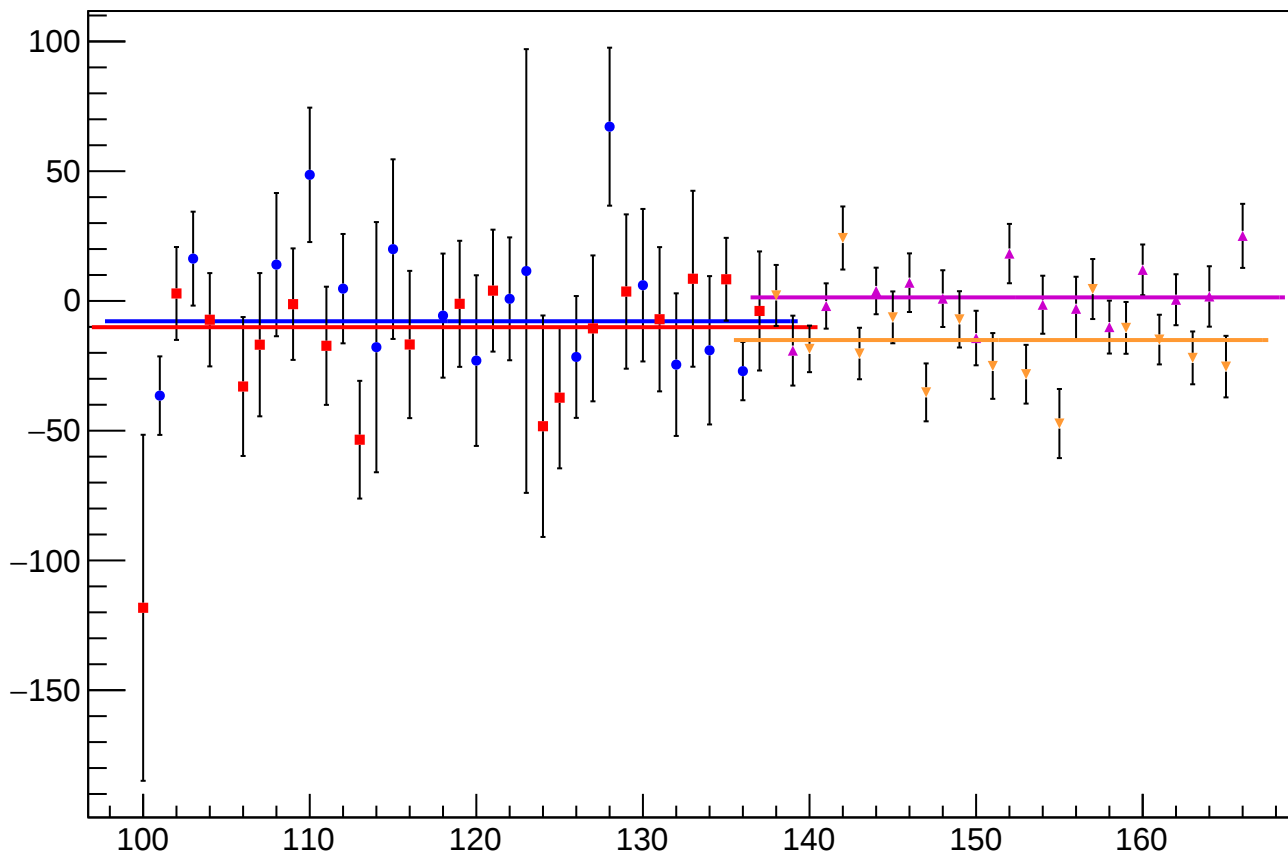
Left In: 6469.652 $\pm$ 1.398 χ^2 /NDF: 236404.1/13

+ sign 6628.368 $\pm$ 1.128 χ^2 /NDF: 938754.6/31

All: 6618.300 $\pm$ 0.794 χ^2 /NDF: 1884975.2/64

- sign 6608.384 $\pm$ 1.119 χ^2 /NDF: 946062.5/32

diff_bpm4acX_mean vs Slug



Right In: -7.825 ± 5.516 χ^2/NDF : 22.3/16

Left Out: -15.072 ± 2.795 χ^2/NDF : 29.7/14

Right Out: -10.117 ± 5.571 χ^2/NDF : 12.2/18

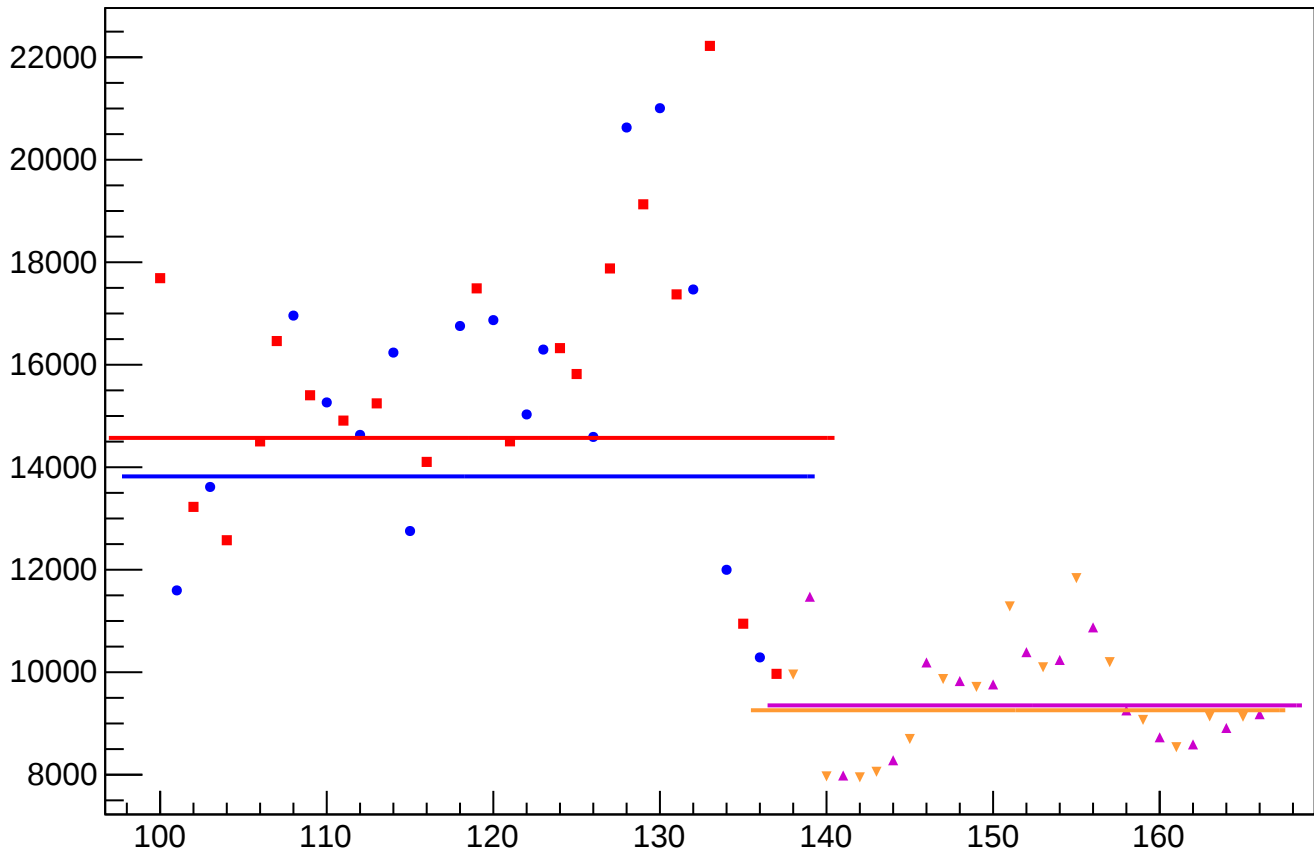
Left In: 1.372 ± 2.852 χ^2/NDF : 13.5/13

+ sign -13.592 ± 2.493 χ^2/NDF : 53.4/31

All: -7.417 ± 1.779 χ^2/NDF : 94.9/64

- sign -1.014 ± 2.539 χ^2/NDF : 29.1/32

diff_bpm4acX_rms vs Slug



Right In: 13821.195+/-3.900 χ^2/NDF : 602672.4/16

Left Out: 9257.886+/-1.976 χ^2/NDF : 279471.0/14

Right Out: 14572.437+/-3.939 χ^2/NDF : 472468.2/18

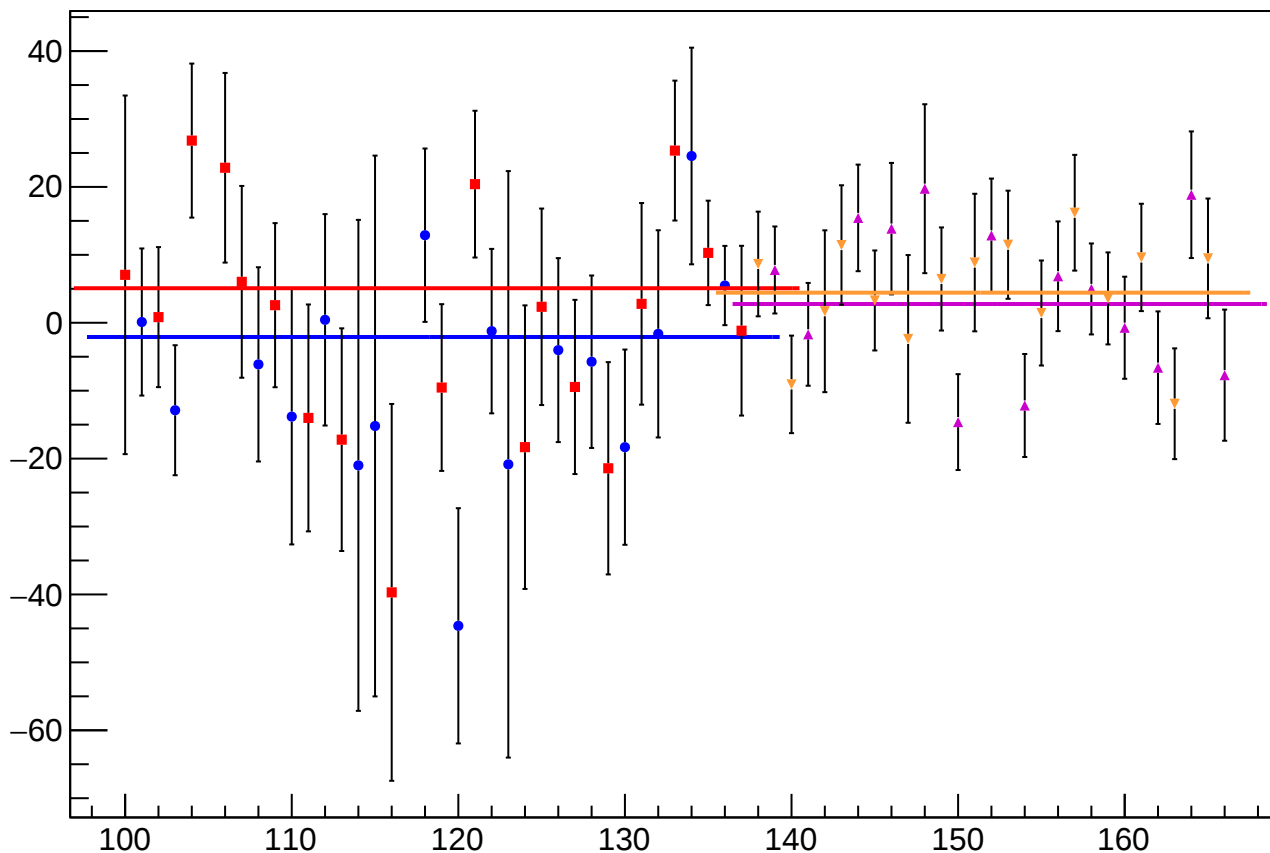
Left In: 9353.014+/-2.017 χ^2/NDF : 228013.2/13

+ sign 10190.273+/-1.763 χ^2/NDF : 1971366.2/31

All: 10311.430+/-1.258 χ^2/NDF : 4072298.4/60

- sign 10437.075+/-1.795 χ^2/NDF : 2091311.6/32

diff_bpm4acY_mean vs Slug



Right In: -2.098 ± 3.106 χ^2/NDF : 15.6/16

Left Out: 4.431 ± 2.130 χ^2/NDF : 12.8/14

Right Out: 5.085 ± 2.962 χ^2/NDF : 24.8/18

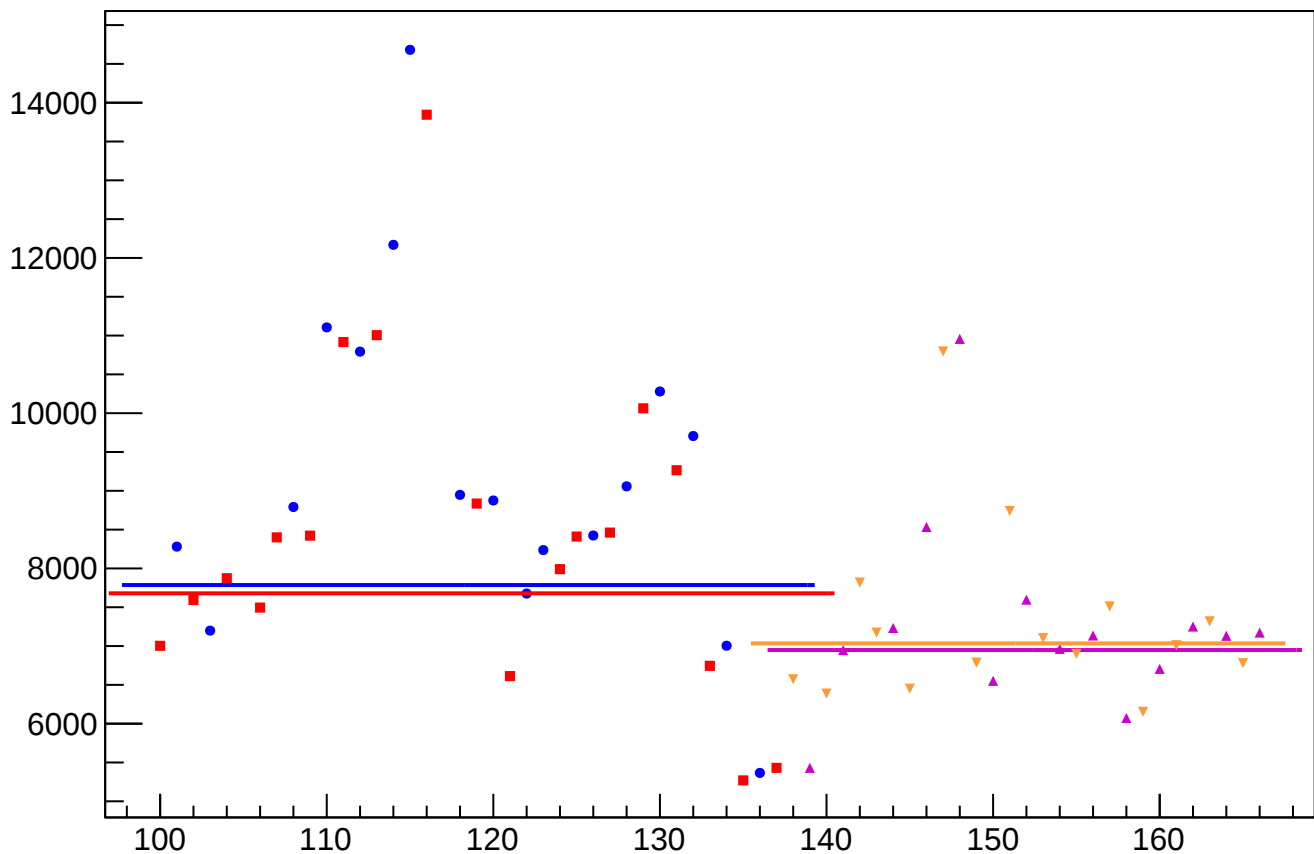
Left In: 2.761 ± 2.136 χ^2/NDF : 24.2/13

+ sign 2.342 ± 1.757 χ^2/NDF : 31.4/31

All: 2.957 ± 1.234 χ^2/NDF : 81.0/64

- sign 3.556 ± 1.733 χ^2/NDF : 49.3/32

diff_bpm4acY_rms vs Slug



Right In: 7785.931+/-2.197 χ^2/NDF : 738101.9/16

Left Out: 7034.408+/-1.506 χ^2/NDF : 334582.3/14

Right Out: 7679.182+/-2.095 χ^2/NDF : 668736.8/18

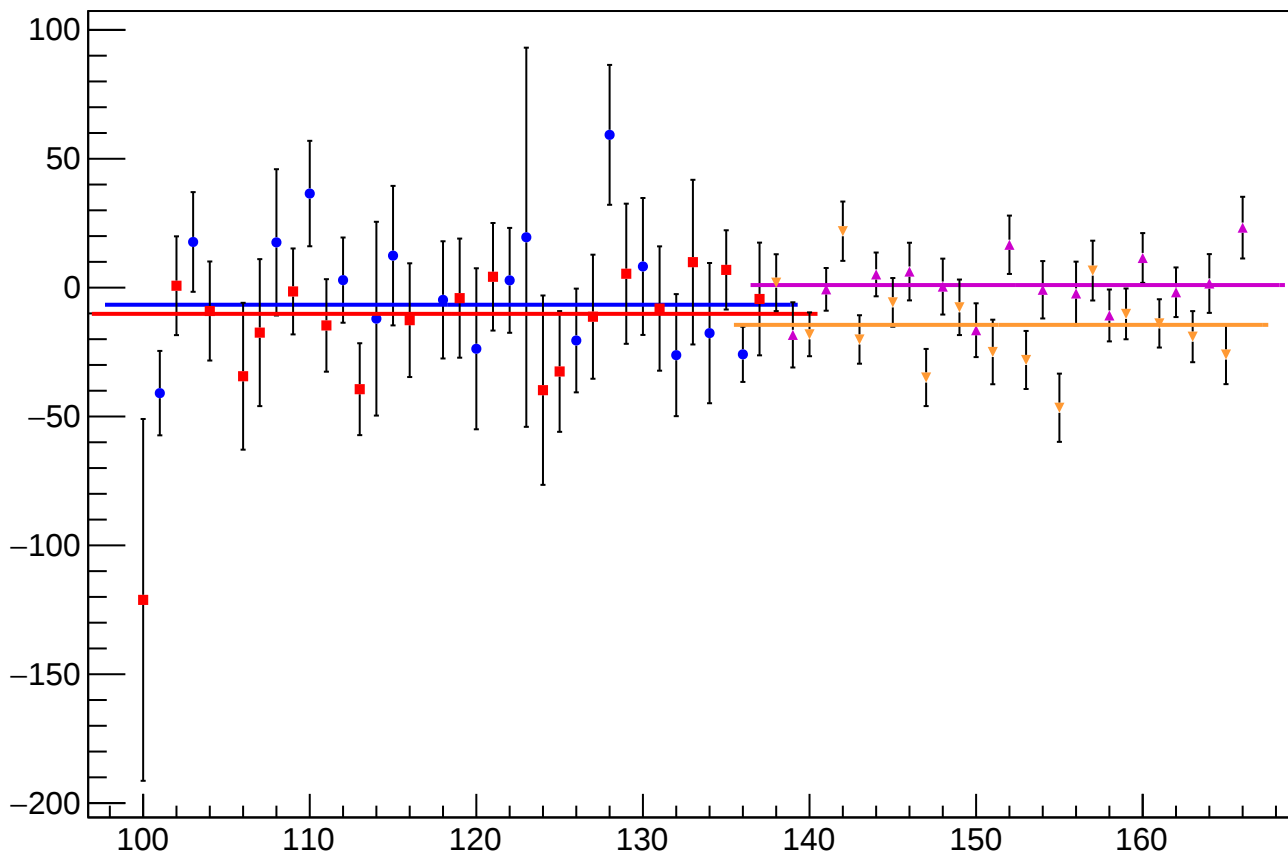
Left In: 6948.736+/-1.511 χ^2/NDF : 436601.4/13

+ sign 7274.814+/-1.242 χ^2/NDF : 1152292.1/31

All: 7236.202+/-0.872 χ^2/NDF : 2339539.1/64

- sign 7198.652+/-1.225 χ^2/NDF : 1185341.7/32

diff_bpm4ecX_mean vs Slug



Right In: -6.634 ± 5.101 $\chi^2/\text{NDF}: 23.4/16$

Left Out: -14.445 ± 2.714 $\chi^2/\text{NDF}: 30.1/14$

Right Out: -10.172 ± 5.075 $\chi^2/\text{NDF}: 10.8/18$

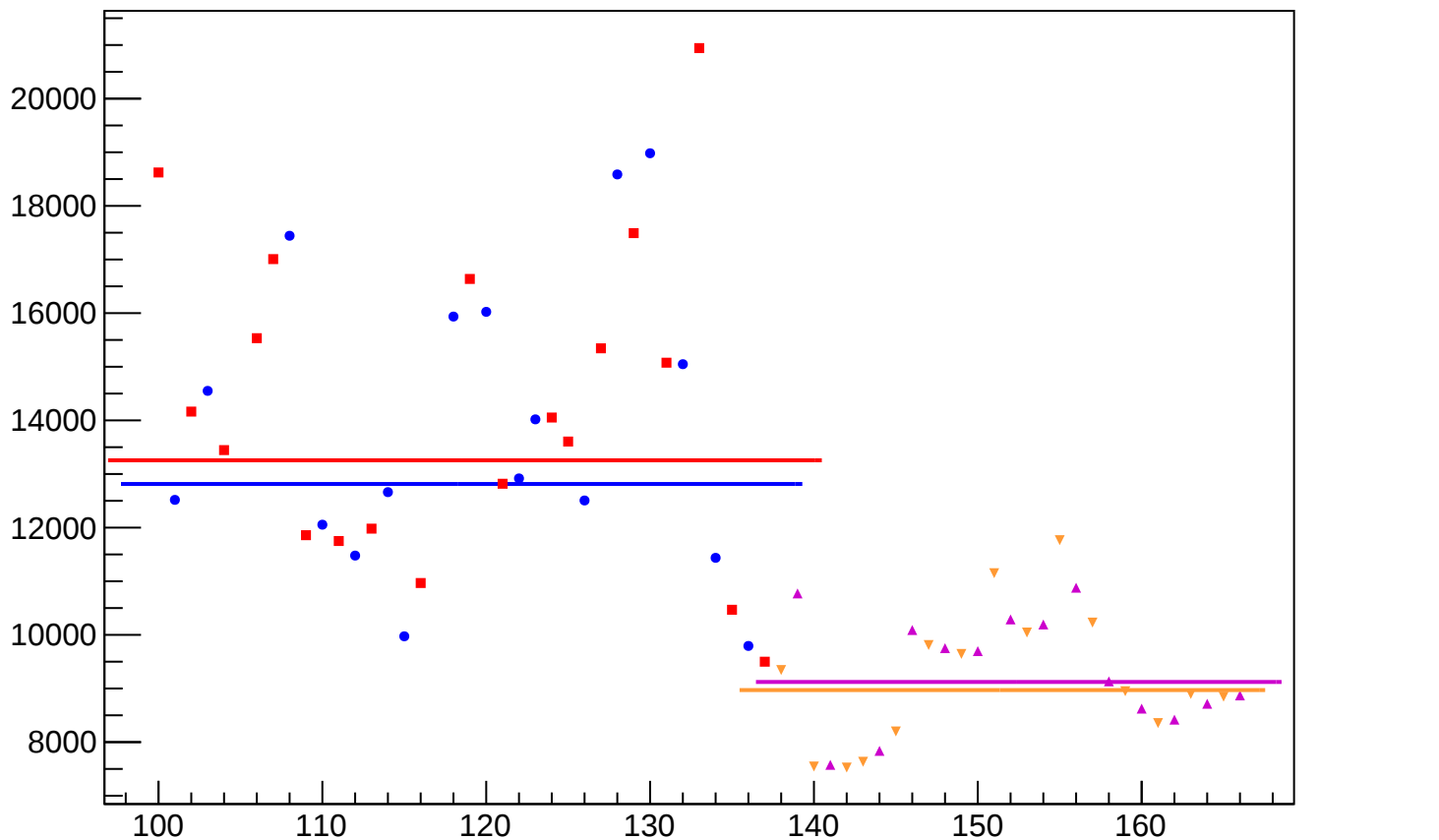
Left In: 1.002 ± 2.786 $\chi^2/\text{NDF}: 13.8/13$

+ sign -12.722 ± 2.396 $\chi^2/\text{NDF}: 55.4/31$

All: -7.260 ± 1.710 $\chi^2/\text{NDF}: 94.3/64$

- sign -1.586 ± 2.442 $\chi^2/\text{NDF}: 28.3/32$

diff_bpm4ecX_rms vs Slug



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 8970.537+/-1.919 χ^2/NDF : 363704.6/14

Right Out: 13255.535+/-3.588 χ^2/NDF : 484287.4/18

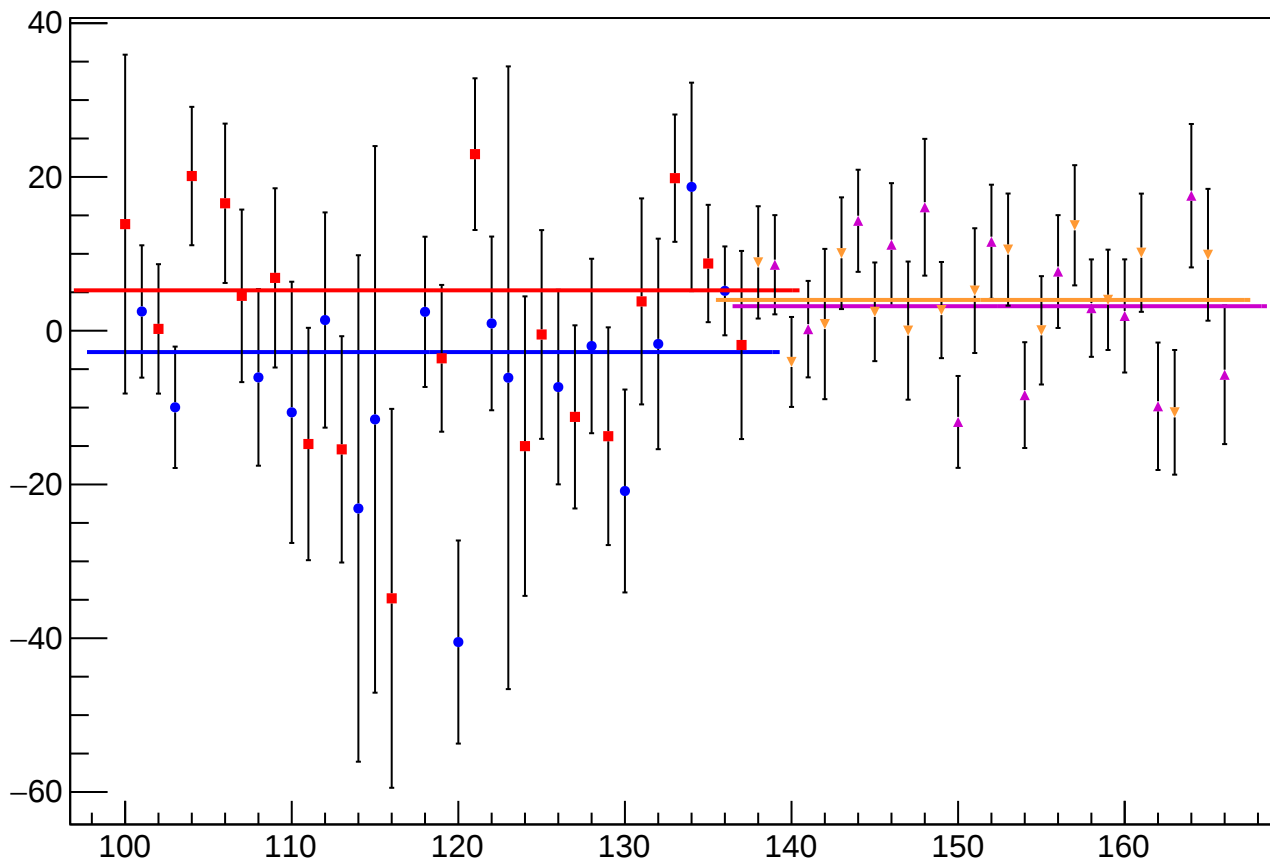
Left In: 9121.730+/-1.970 χ^2/NDF : 276995.0/13

+ sign 9818.359+/-1.694 χ^2/NDF : 1796550.0/31

All: 9946.187+/-1.209 χ^2/NDF : 3589209.1/64

- sign 10078.972+/-1.727 χ^2/NDF : 1781053.4/32

diff_bpm4ecY_mean vs Slug



Right In: -2.778 ± 2.747 χ^2/NDF : 17.0/16

Left Out: 4.004 ± 1.892 χ^2/NDF : 10.5/14

Right Out: 5.252 ± 2.590 χ^2/NDF : 23.5/18

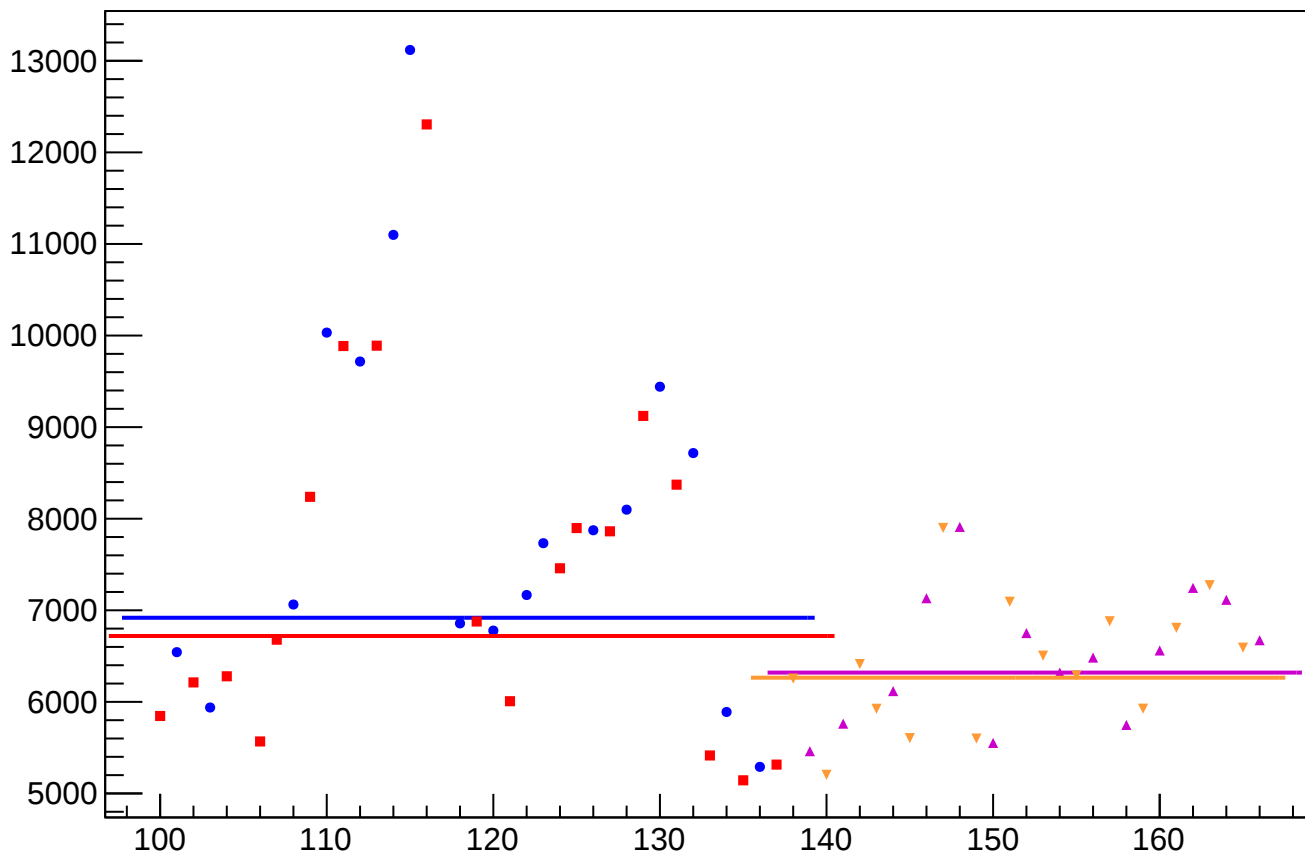
Left In: 3.187 ± 1.932 χ^2/NDF : 23.5/13

+ sign 1.822 ± 1.558 χ^2/NDF : 31.6/31

All: 2.880 ± 1.098 χ^2/NDF : 80.0/64

- sign 3.926 ± 1.549 χ^2/NDF : 47.4/32

diff_bpm4ecY_rms vs Slug



Right In: 6918.554+/-1.943 χ^2/NDF : 587976.6/16

Left Out: 6264.008+/-1.338 χ^2/NDF : 265431.9/14

Right Out: 6719.404+/-1.831 χ^2/NDF : 653831.7/18

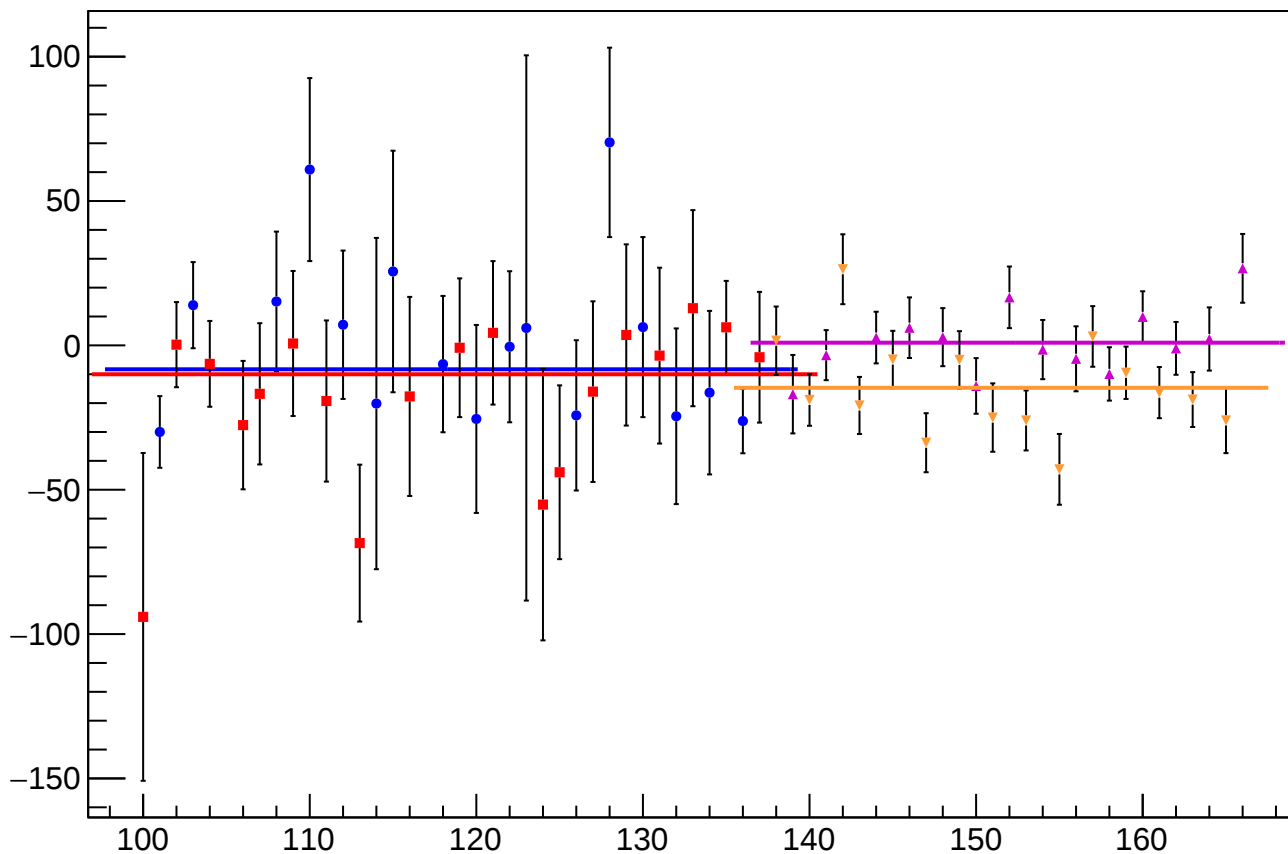
Left In: 6319.731+/-1.366 χ^2/NDF : 239218.5/13

+ sign 6474.610+/-1.102 χ^2/NDF : 930417.1/31

All: 6468.593+/-0.777 χ^2/NDF : 1854130.2/64

- sign 6462.652+/-1.095 χ^2/NDF : 923653.9/32

diff_bpm1X_mean vs Slug



Right In: -8.286 ± 5.410 $\chi^2/\text{NDF}: 21.7/16$

Left Out: -14.688 ± 2.650 $\chi^2/\text{NDF}: 31.1/14$

Right Out: -10.007 ± 5.513 $\chi^2/\text{NDF}: 12.9/18$

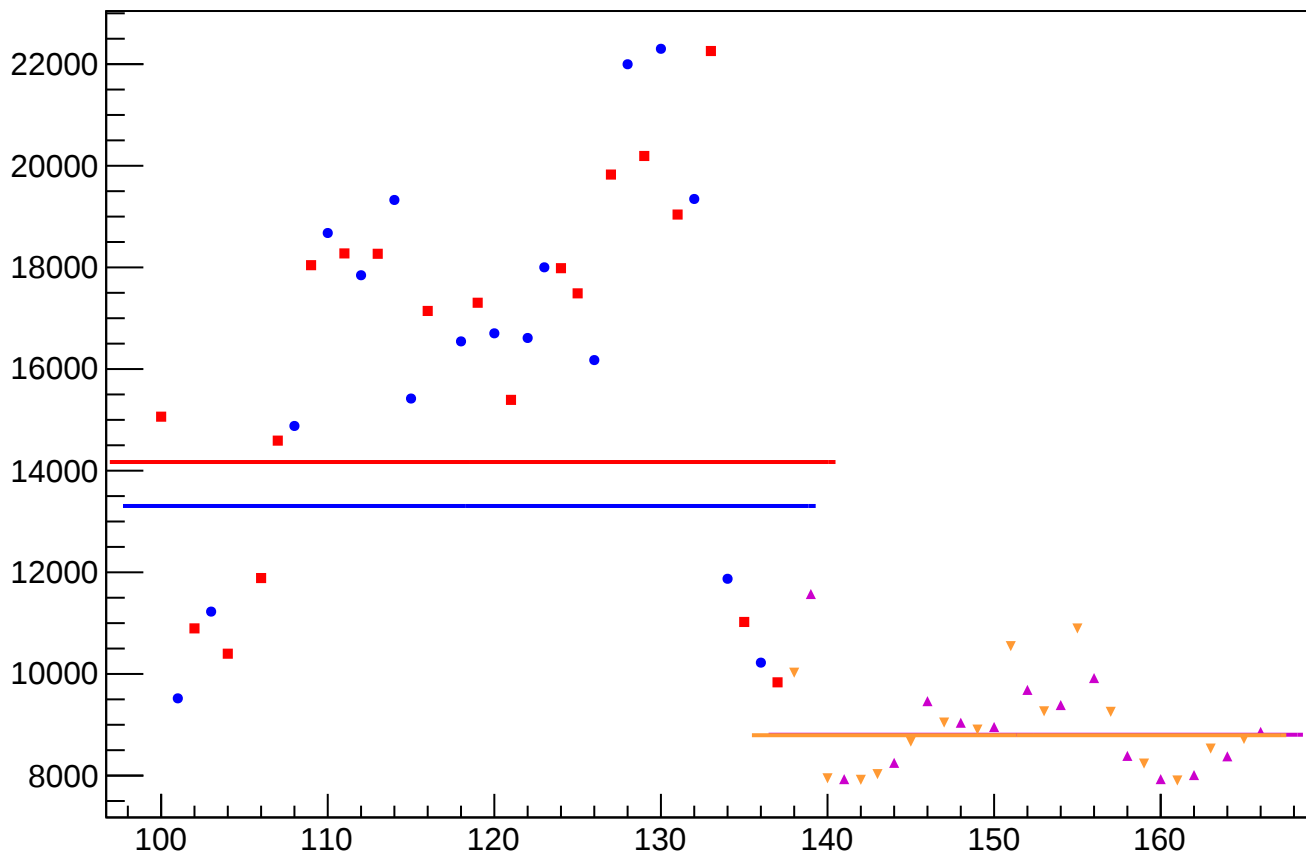
Left In: 0.928 ± 2.684 $\chi^2/\text{NDF}: 14.3/13$

+ sign -13.449 ± 2.380 $\chi^2/\text{NDF}: 53.9/31$

All: -7.393 ± 1.694 $\chi^2/\text{NDF}: 97.4/64$

- sign -1.167 ± 2.413 $\chi^2/\text{NDF}: 30.4/32$

diff_bpm1X_rms vs Slug



Right In: 13305.410 $\pm$ 3.826 χ^2 /NDF: 1044091.1/16

Left Out: 8794.373 $\pm$ 1.874 χ^2 /NDF:203660.1/14

Right Out: 14170.668 $\pm$ 3.898 χ^2 /NDF: 930612.1/18

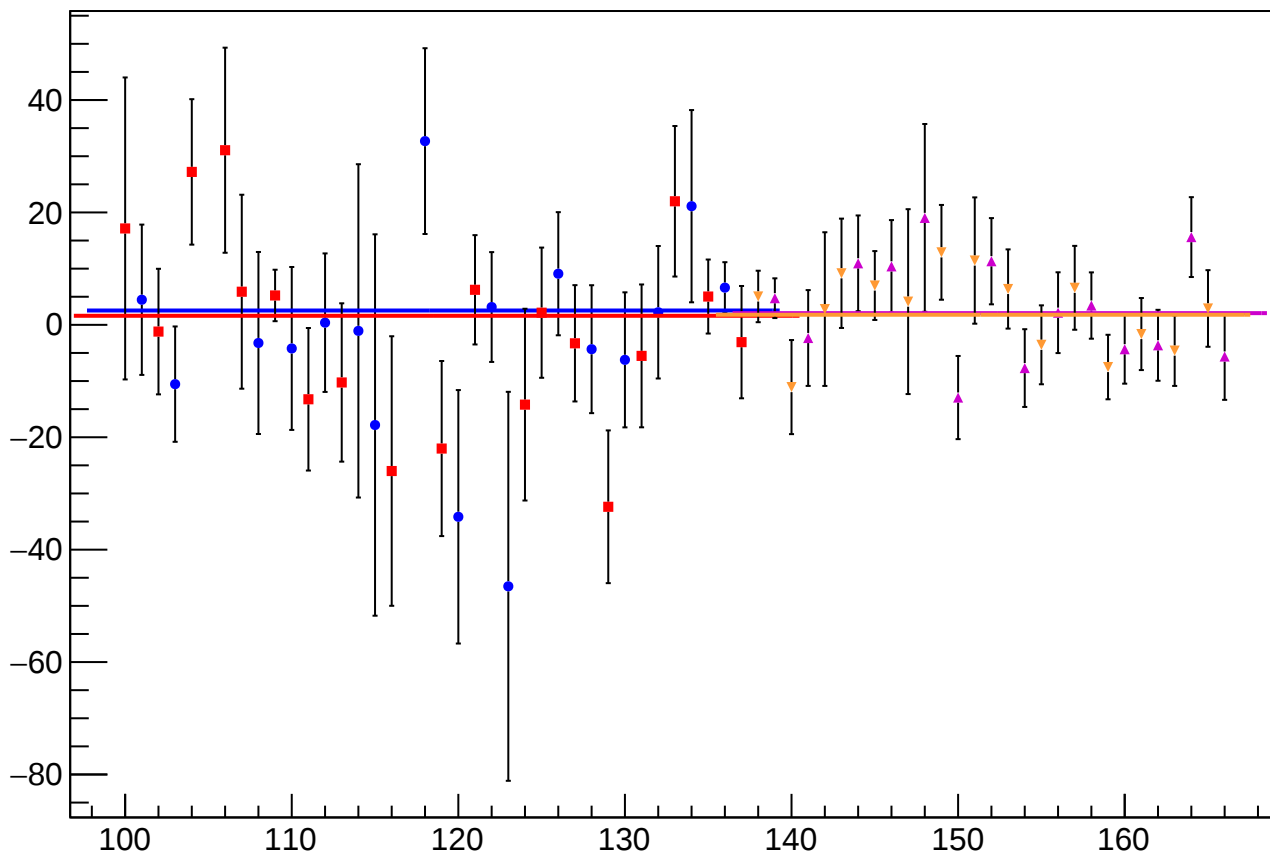
Left In: 8804.016 $\pm$ 1.898 χ^2 /NDF:201838.7/13

+ sign 9667.354 $\pm$ 1.683 χ^2 /NDF: 2369147.9/31

All: 9748.607 $\pm$ 1.198 χ^2 /NDF: 5038422.5/64

- sign 9832.135 $\pm$ 1.706 χ^2 /NDF: 2664547.1/32

diff_bpm1Y_mean vs Slug



Right In: 2.551 $\pm$ 2.757 χ^2 /NDF: 13.6/16

Left Out: 1.799 $\pm$ 1.857 χ^2 /NDF:12.0/14

Right Out: 1.613 $\pm$ 2.442 χ^2 /NDF: 24.0/18

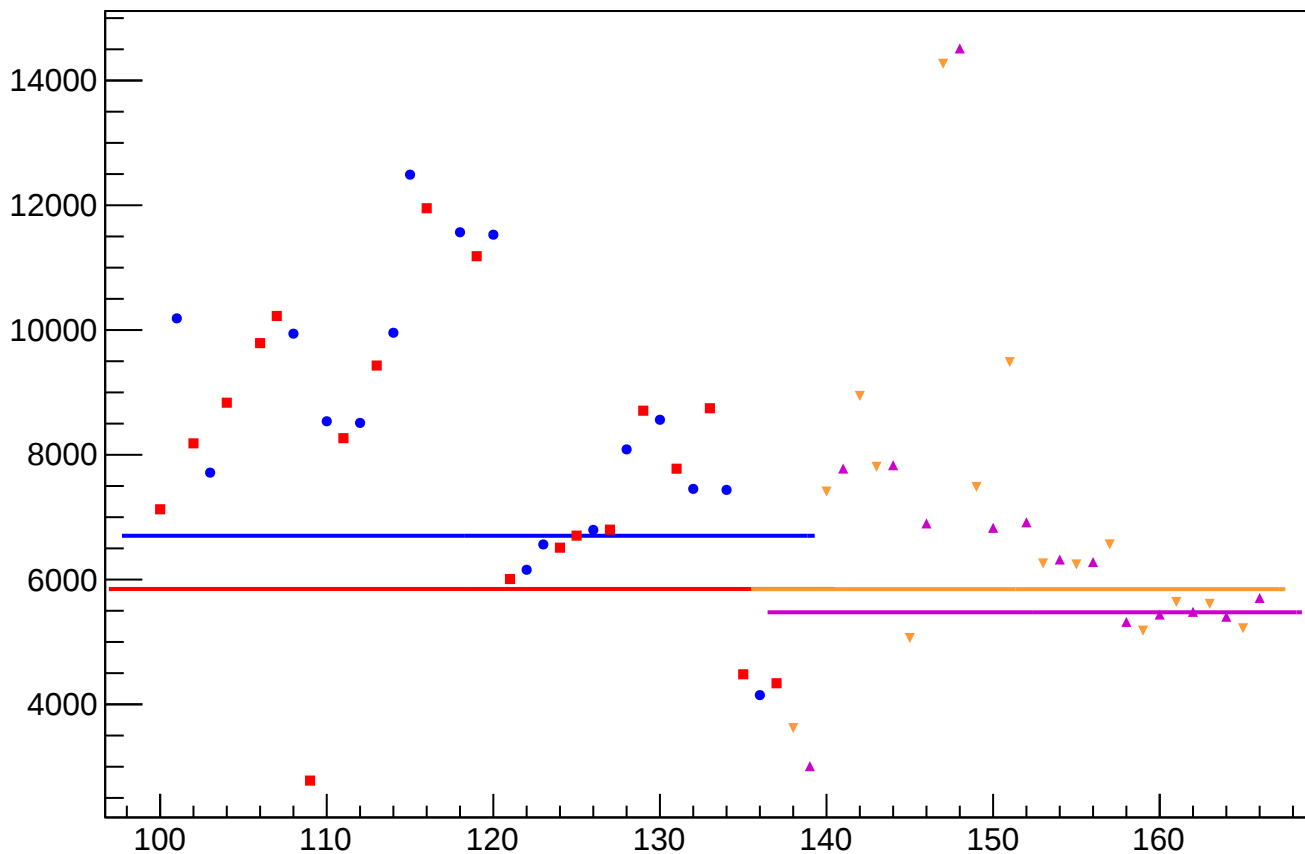
Left In: 2.083 $\pm$ 1.772 χ^2 /NDF:18.1/13

+ sign 2.034 $\pm$ 1.540 χ^2 /NDF: 25.7/31

All: 1.973 $\pm$ 1.049 χ^2 /NDF: 67.9/64

- sign 1.921 $\pm$ 1.434 χ^2 /NDF: 42.2/32

diff_bpm1Y_rms vs Slug



Right In: 6702.245+/-1.949 χ^2/NDF : 1389956.8/16

Left Out: 5846.731+/-1.313 χ^2/NDF : 1649518.0/14

Right Out: 5849.606+/-1.727 χ^2/NDF : 2278464.5/18

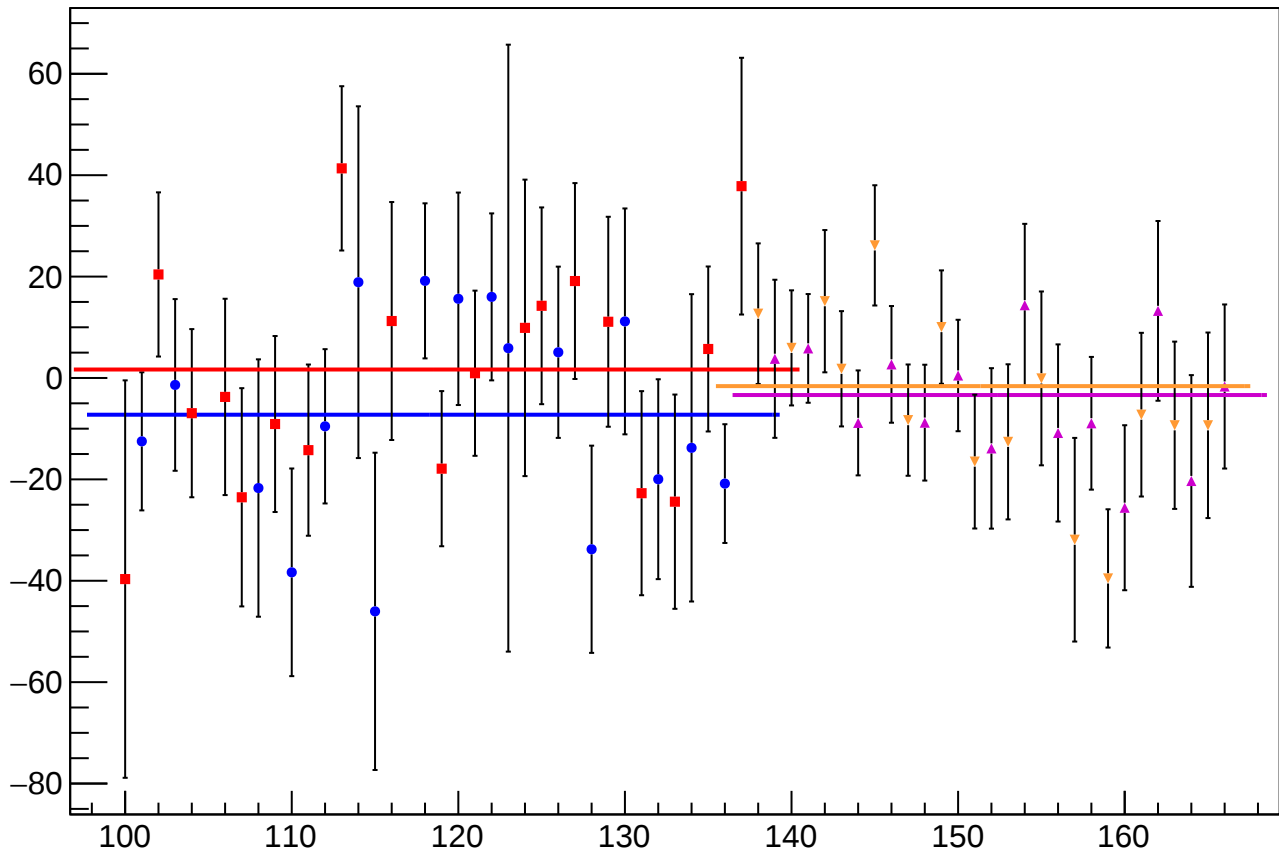
Left In: 5475.562+/-1.253 χ^2/NDF : 2114992.9/13

+ sign 6113.674+/-1.089 χ^2/NDF : 3171984.3/31

All: 5841.020+/-0.742 χ^2/NDF : 7713255.7/64

- sign 5604.537+/-1.014 χ^2/NDF : 4424192.9/32

diff_bpm11X_mean vs Slug



Right In: -7.245 ± 4.547 χ^2/NDF : 15.9/16

Left Out: -1.606 ± 3.515 χ^2/NDF : 22.3/14

Right Out: 1.671 ± 4.373 χ^2/NDF : 19.9/18

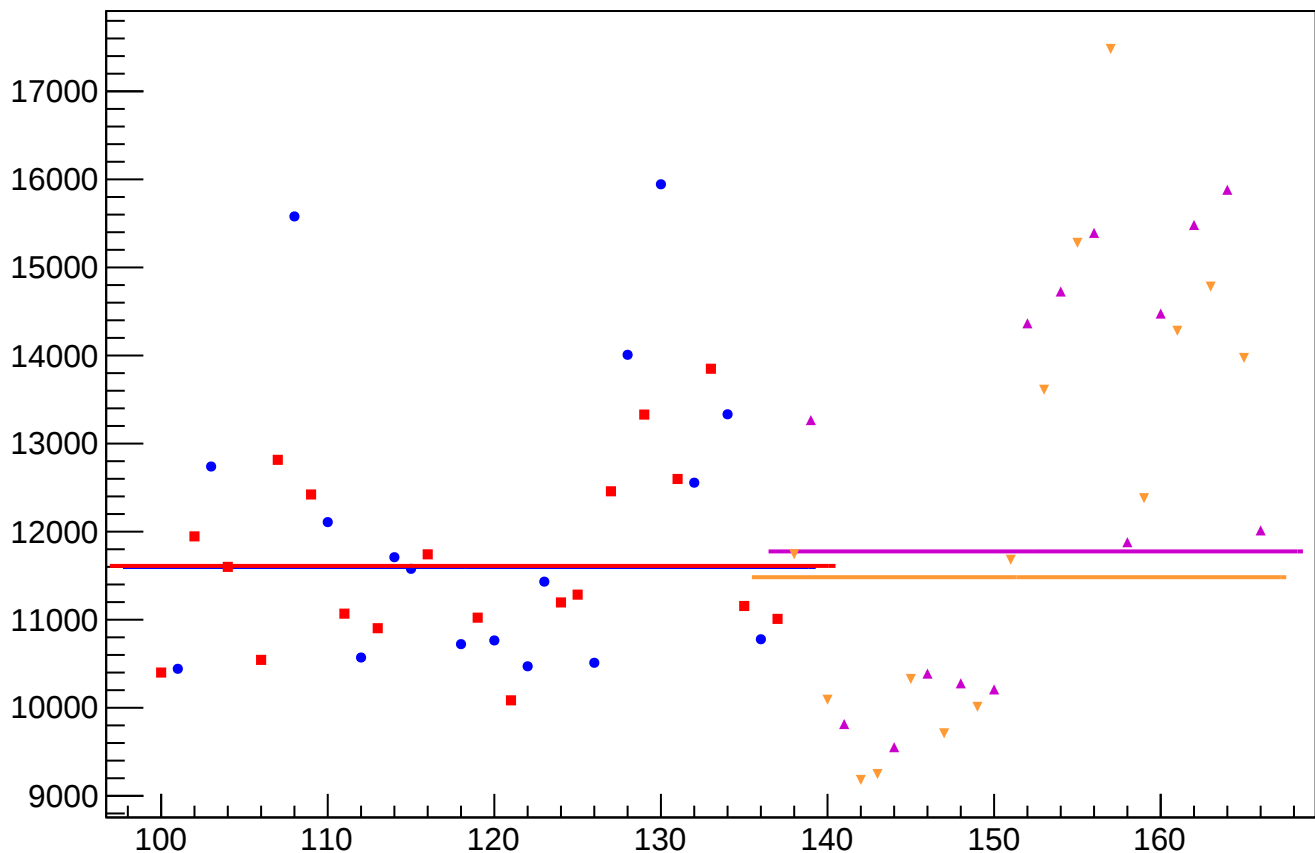
Left In: -3.362 ± 3.635 χ^2/NDF : 7.3/13

+ sign -3.715 ± 2.781 χ^2/NDF : 39.2/31

All: -2.517 ± 1.971 χ^2/NDF : 67.5/64

- sign -1.306 ± 2.795 χ^2/NDF : 27.9/32

diff_bpm11X_rms vs Slug



Right In: 11598.751+/-3.215 χ^2/NDF : 235423.8/16

Left Out: 11482.775+/-2.485 χ^2/NDF : 769039.2/14

Right Out: 11610.941+/-3.092 χ^2/NDF : 94447.0/18

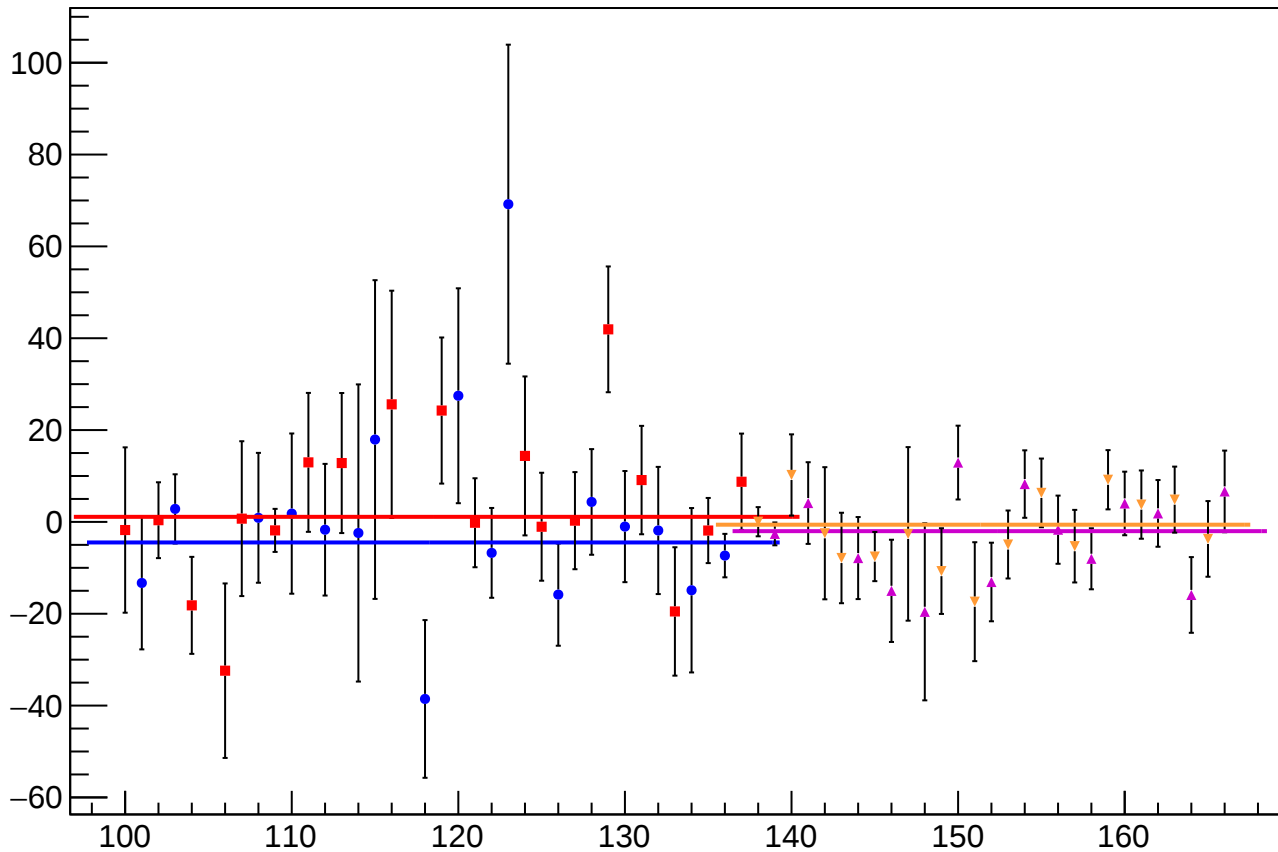
Left In: 11775.566+/-2.570 χ^2/NDF : 708823.8/13

+ sign 11526.155+/-1.966 χ^2/NDF : 1005277.5/31

All: 11616.755+/-1.394 χ^2/NDF : 1814492.6/6

- sign 11708.301+/-1.977 χ^2/NDF : 804947.1/32

diff_bpm11Y_mean vs Slug



Right In: -4.476 ± 2.782 χ^2/NDF : 14.8/16

Left Out: -0.608 ± 1.795 χ^2/NDF : 11.6/14

Right Out: 1.105 ± 2.429 χ^2/NDF : 24.0/18

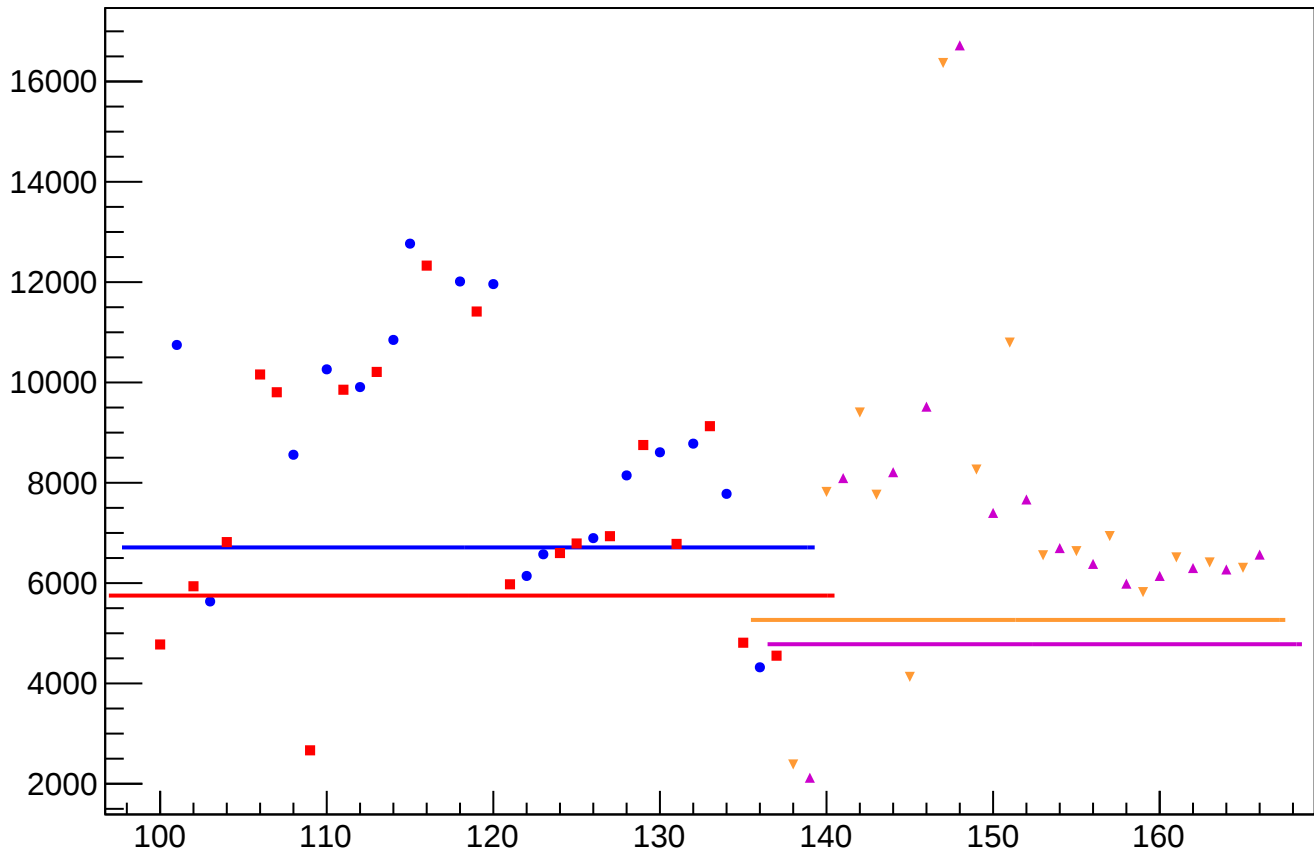
Left In: -2.015 ± 1.684 χ^2/NDF : 15.9/13

+ sign -1.745 ± 1.508 χ^2/NDF : 27.8/31

All: -1.342 ± 1.020 χ^2/NDF : 68.9/64

- sign -1.002 ± 1.384 χ^2/NDF : 41.0/32

diff_bpm11Y_rms vs Slug



Right In: 6711.550 ± 1.967 $\chi^2/\text{NDF}: 1446972.0/16$

Left Out: 5266.074 ± 1.269 $\chi^2/\text{NDF}: 3826628.1/14$

Right Out: 5751.505 ± 1.718 $\chi^2/\text{NDF}: 2165110.0/18$

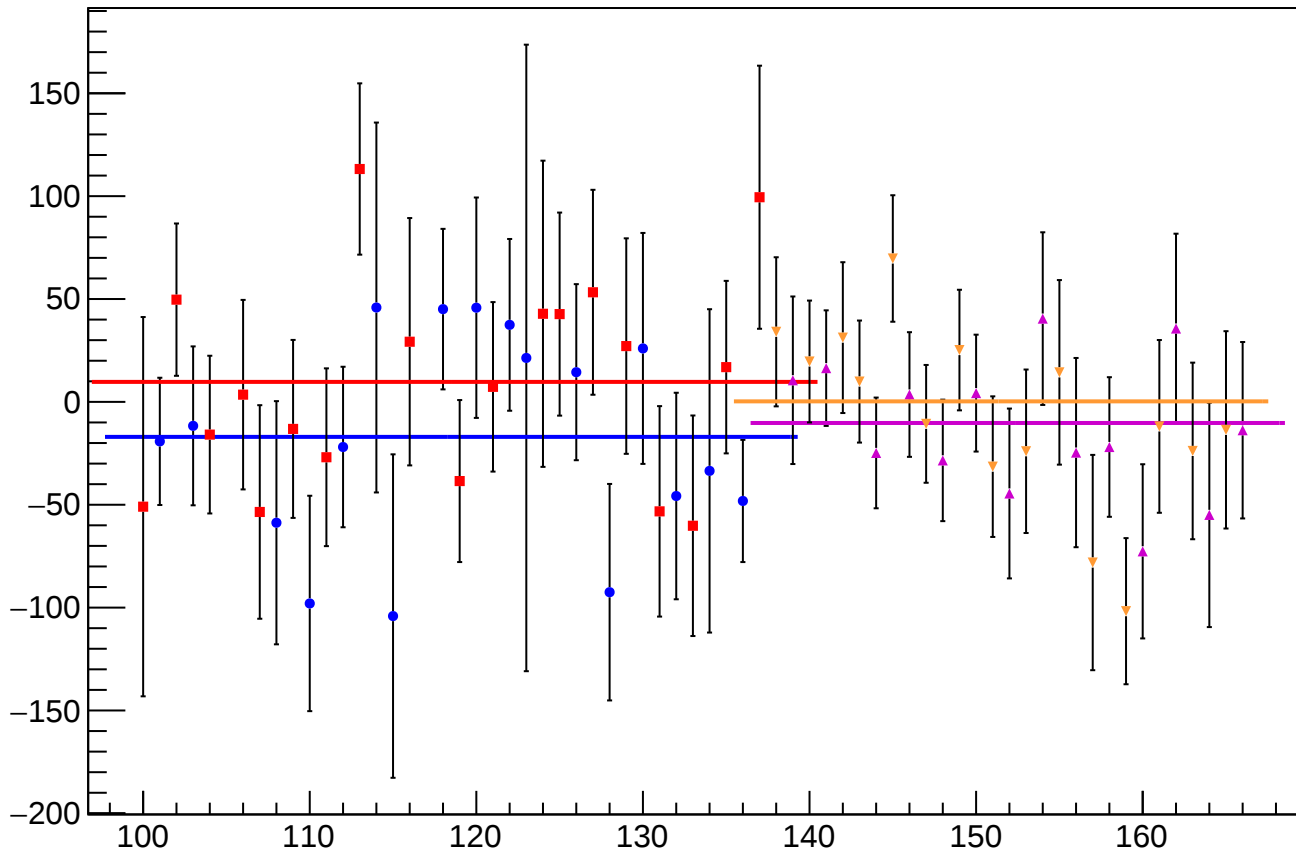
Left In: 4781.616 ± 1.191 $\chi^2/\text{NDF}: 5029658.4/13$

+ sign 5690.952 ± 1.066 $\chi^2/\text{NDF}: 5654909.2/31$

All: 5368.155 ± 0.721 $\chi^2/\text{NDF}: 13233831.6/6$

- sign 5096.395 ± 0.978 $\chi^2/\text{NDF}: 7410157.6/32$

diff_bpm12X_mean vs Slug



Right In: -17.010 ± 11.287 χ^2/NDF : 15.0/16

Left Out: 0.253 ± 9.162 χ^2/NDF : 20.4/14

Right Out: 9.719 ± 10.891 χ^2/NDF : 19.1/18

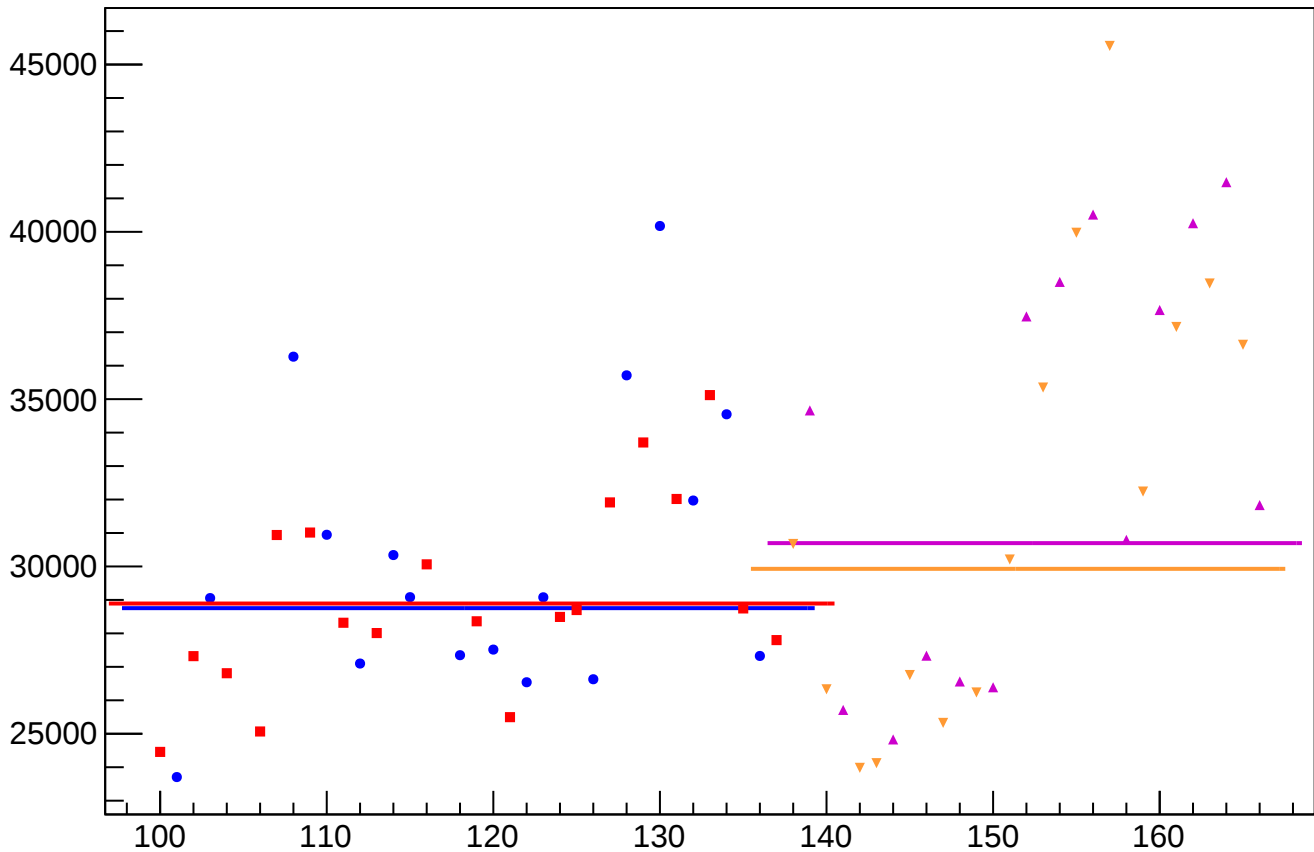
Left In: -10.253 ± 9.478 χ^2/NDF : 8.5/13

+ sign -6.603 ± 7.113 χ^2/NDF : 36.8/31

All: -4.137 ± 5.043 χ^2/NDF : 66.5/64

- sign -1.645 ± 7.150 χ^2/NDF : 29.5/32

diff_bpm12X_rms vs Slug



Right In: 28753.787+/-7.981 χ^2/NDF : 249215.1/16

Left Out: 29928.834+/-6.478 χ^2/NDF : 766167.1/14

Right Out: 28892.154+/-7.701 χ^2/NDF : 111241.2/18

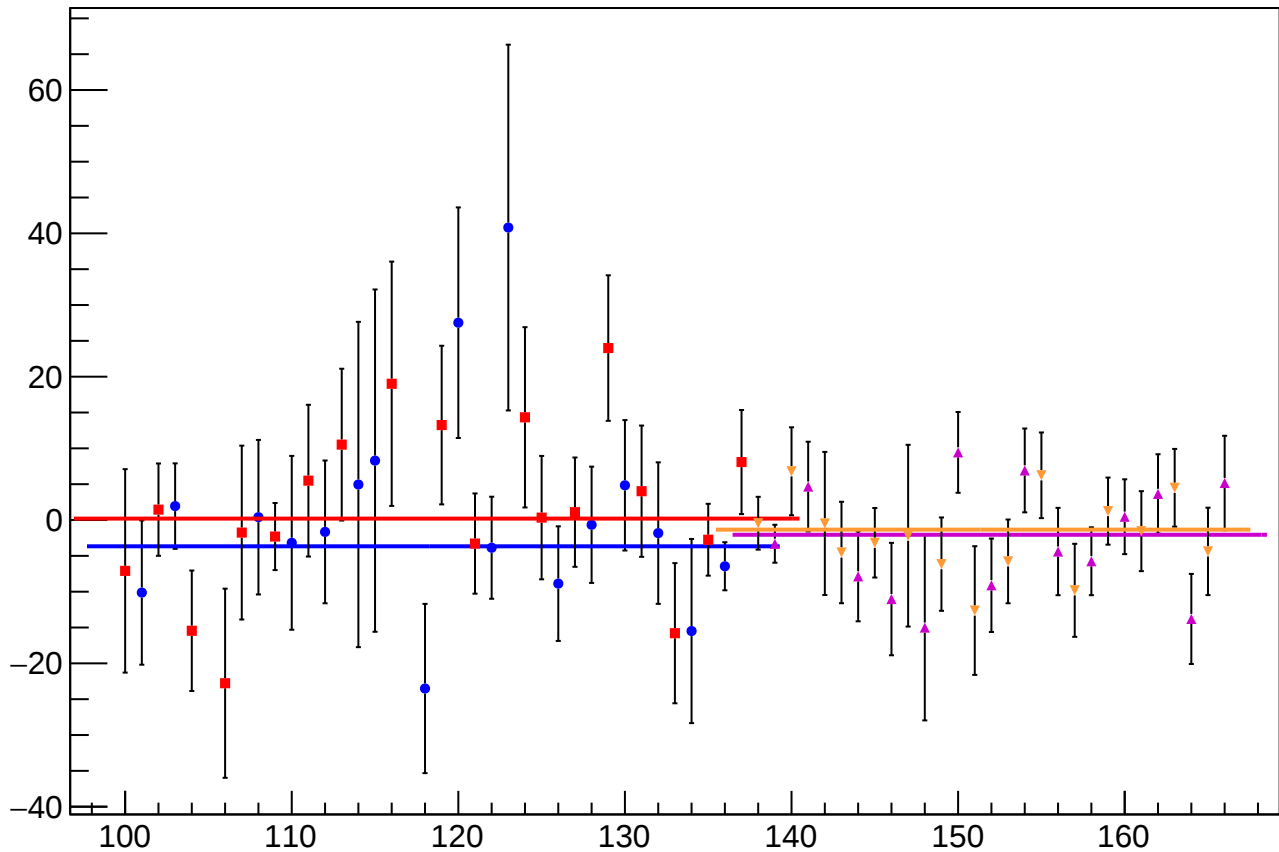
Left In: 30697.228+/-6.702 χ^2/NDF : 720975.7/13

+ sign 29462.141+/-5.030 χ^2/NDF : 1028449.1/31

All: 29689.540+/-3.566 χ^2/NDF : 1896038.0/6

- sign 29919.271+/-5.056 χ^2/NDF : 863480.1/32

diff_bpm12Y_mean vs Slug



Right In: -3.668 ± 2.010 χ^2/NDF : 14.5/16

Left Out: -1.341 ± 1.517 χ^2/NDF : 9.9/14

Right Out: 0.199 ± 1.893 χ^2/NDF : 22.3/18

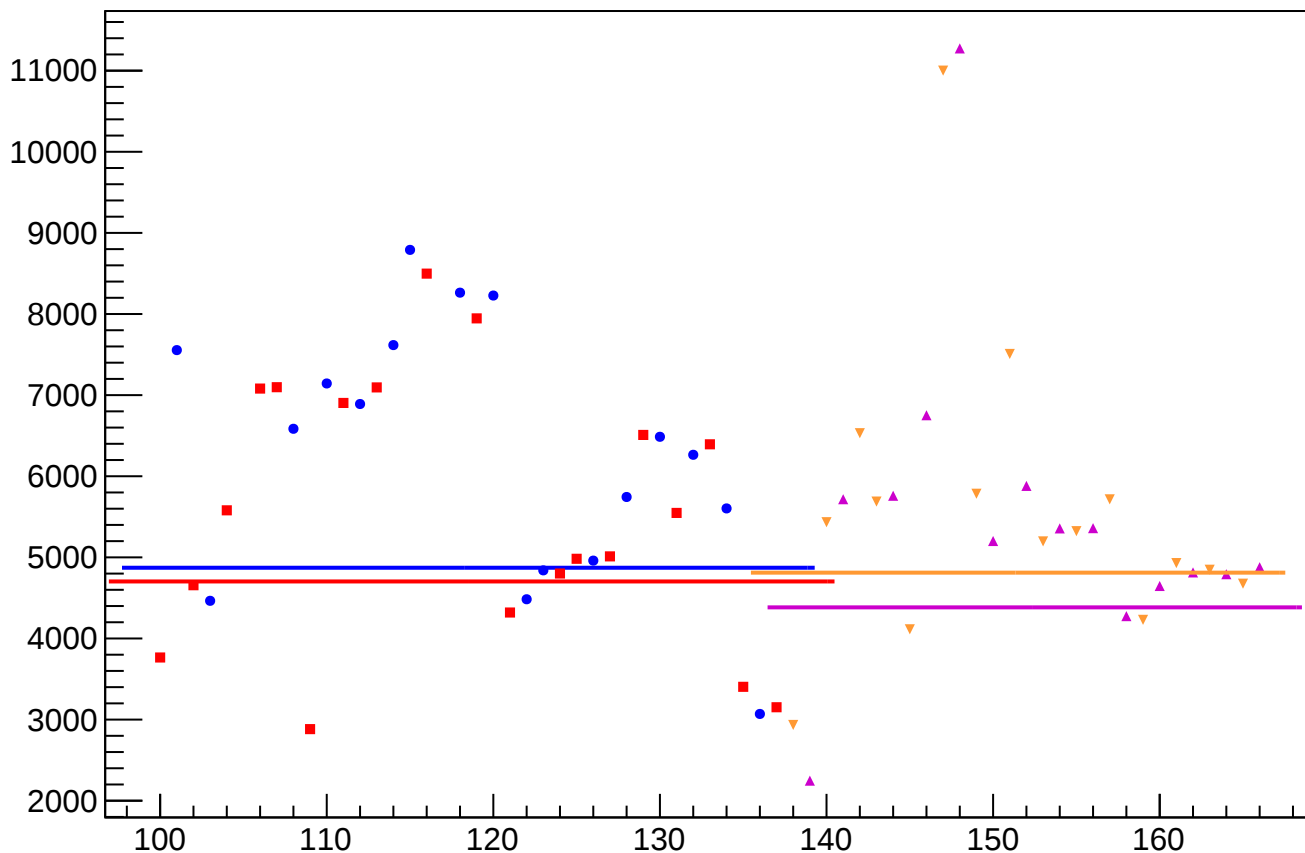
Left In: -2.057 ± 1.429 χ^2/NDF : 19.0/13

+ sign -2.186 ± 1.211 χ^2/NDF : 25.3/31

All: -1.683 ± 0.830 χ^2/NDF : 67.8/64

- sign -1.238 ± 1.141 χ^2/NDF : 42.2/32

diff_bpm12Y_rms vs Slug



Right In: 4872.105+/-1.421 χ^2/NDF : 1405253.2/16

Left Out: 4811.566+/-1.073 χ^2/NDF : 1467753.7/14

Right Out: 4702.994+/-1.338 χ^2/NDF : 1312720.8/18

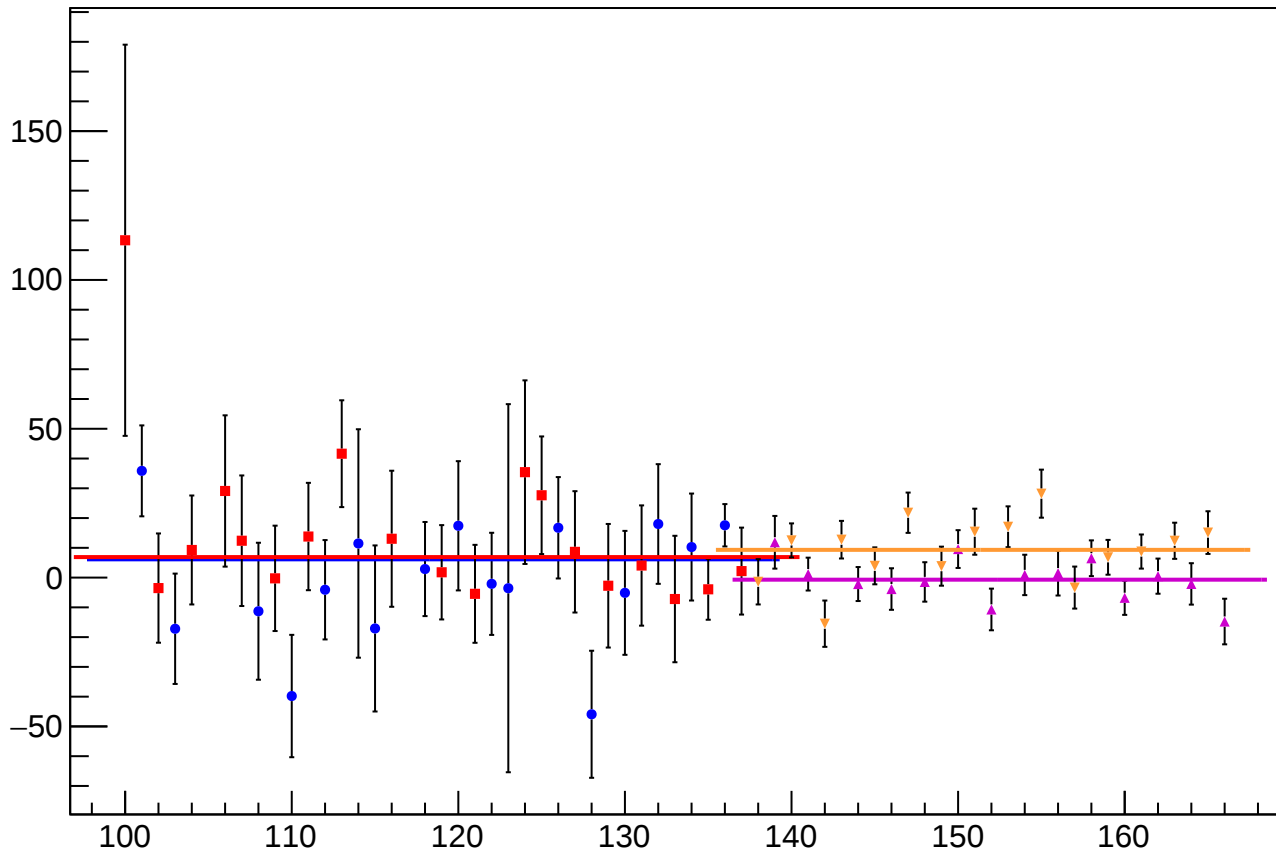
Left In: 4383.531+/-1.011 χ^2/NDF : 2531241.5/13

+ sign 4833.536+/-0.856 χ^2/NDF : 2874163.0/31

All: 4656.598+/-0.587 χ^2/NDF : 6835037.0/64

- sign 4499.557+/-0.807 χ^2/NDF : 3880247.4/32

diff_bpm16X_mean vs Slug



Right In: 6.133 ± 4.080 χ^2/NDF : 22.2/16

Left Out: 9.320 ± 1.715 χ^2/NDF : 29.3/14

Right Out: 6.892 ± 4.224 χ^2/NDF : 12.5/18

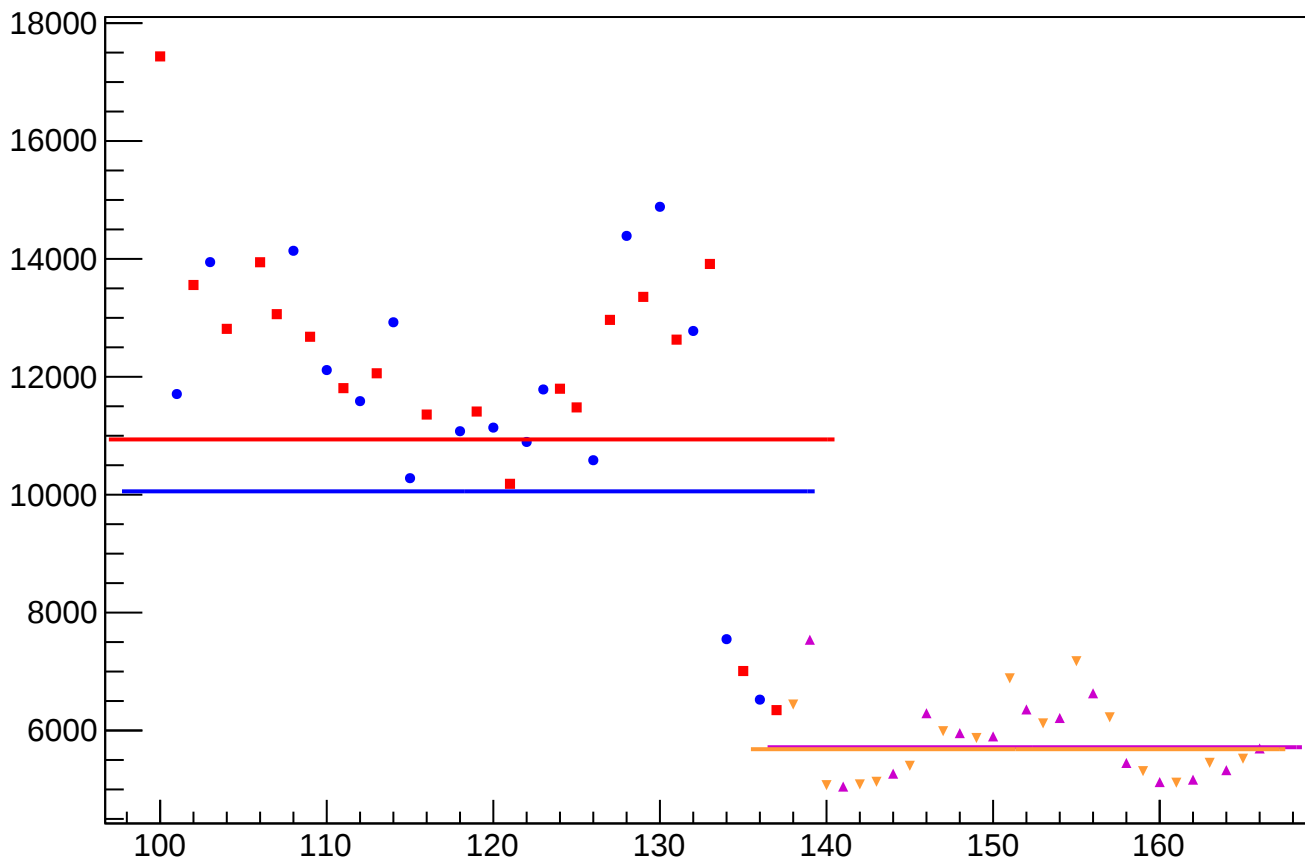
Left In: -0.702 ± 1.744 χ^2/NDF : 13.2/13

+ sign 8.842 ± 1.581 χ^2/NDF : 52.0/31

All: 4.706 ± 1.129 χ^2/NDF : 94.4/64

- sign 0.404 ± 1.612 χ^2/NDF : 28.4/32

diff_bpm16X_rms vs Slug



Right In: 10056.991 $\pm$ 2.885 χ^2 /NDF: 1002872.6/16

Left Out: 5682.659 $\pm$ 1.213 χ^2 /NDF: 247774.4/14

Right Out: 10937.573 $\pm$ 2.987 χ^2 /NDF: 762909.5/18

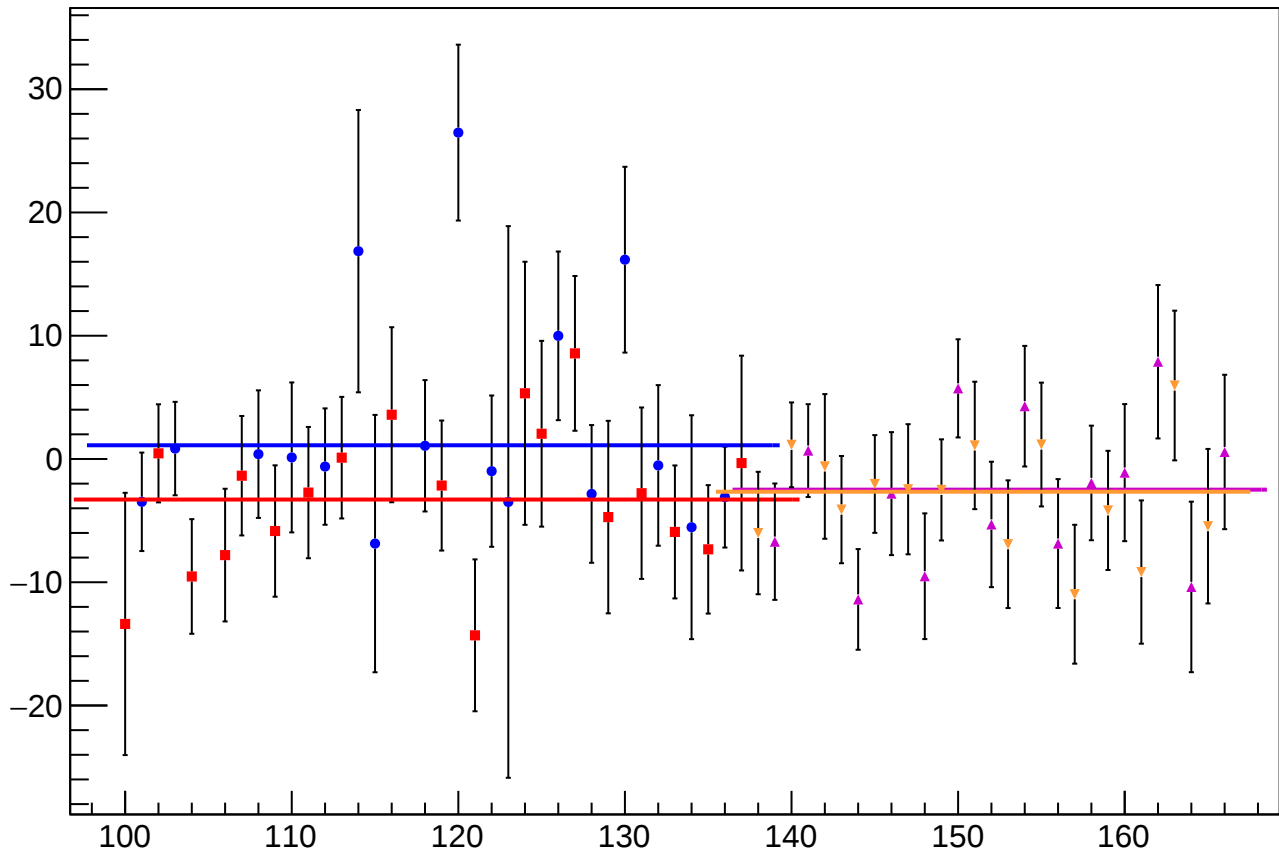
Left In: 5716.183 $\pm$ 1.233 χ^2 /NDF: 250207.8/13

+ sign 6339.270 $\pm$ 1.118 χ^2 /NDF: 3204339.0/31

All: 6406.661 $\pm$ 0.798 χ^2 /NDF: 6835224.5/64

- sign 6476.763 $\pm$ 1.140 χ^2 /NDF: 3623469.8/32

diff_bpm16Y_mean vs Slug



Right In: 1.112 ± 1.403 χ^2/NDF : 24.6/16

Left Out: -2.656 ± 1.253 χ^2/NDF : 9.5/14

Right Out: -3.290 ± 1.334 χ^2/NDF : 15.1/18

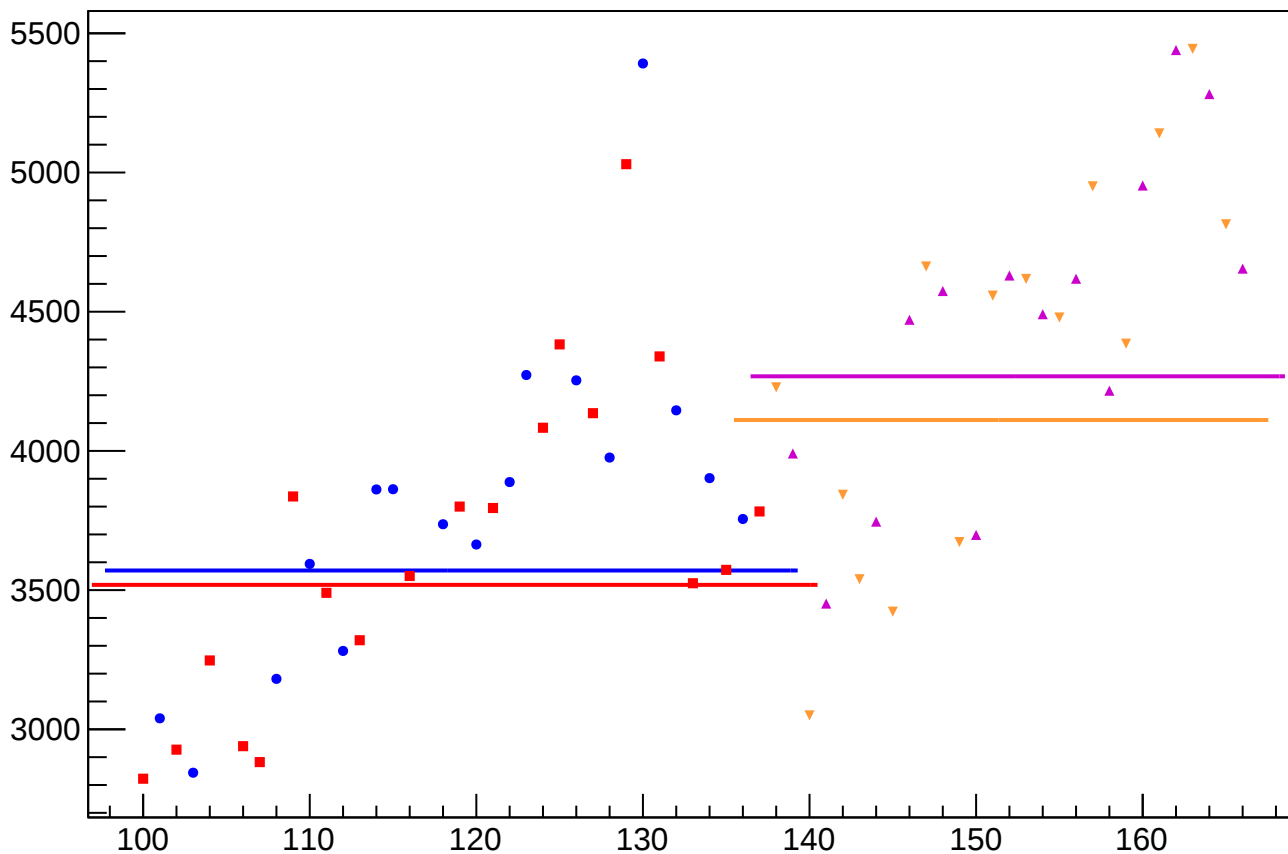
Left In: -2.488 ± 1.308 χ^2/NDF : 19.7/13

+ sign -0.983 ± 0.935 χ^2/NDF : 38.1/31

All: -1.933 ± 0.661 χ^2/NDF : 75.1/64

- sign -2.881 ± 0.934 χ^2/NDF : 35.0/32

diff_bpm16Y_rms vs Slug



Right In: 3570.481+/-0.992 χ^2/NDF : 309699.2/16

Left Out: 4111.004+/-0.886 χ^2/NDF : 614849.2/14

Right Out: 3518.886+/-0.943 χ^2/NDF : 293392.5/18

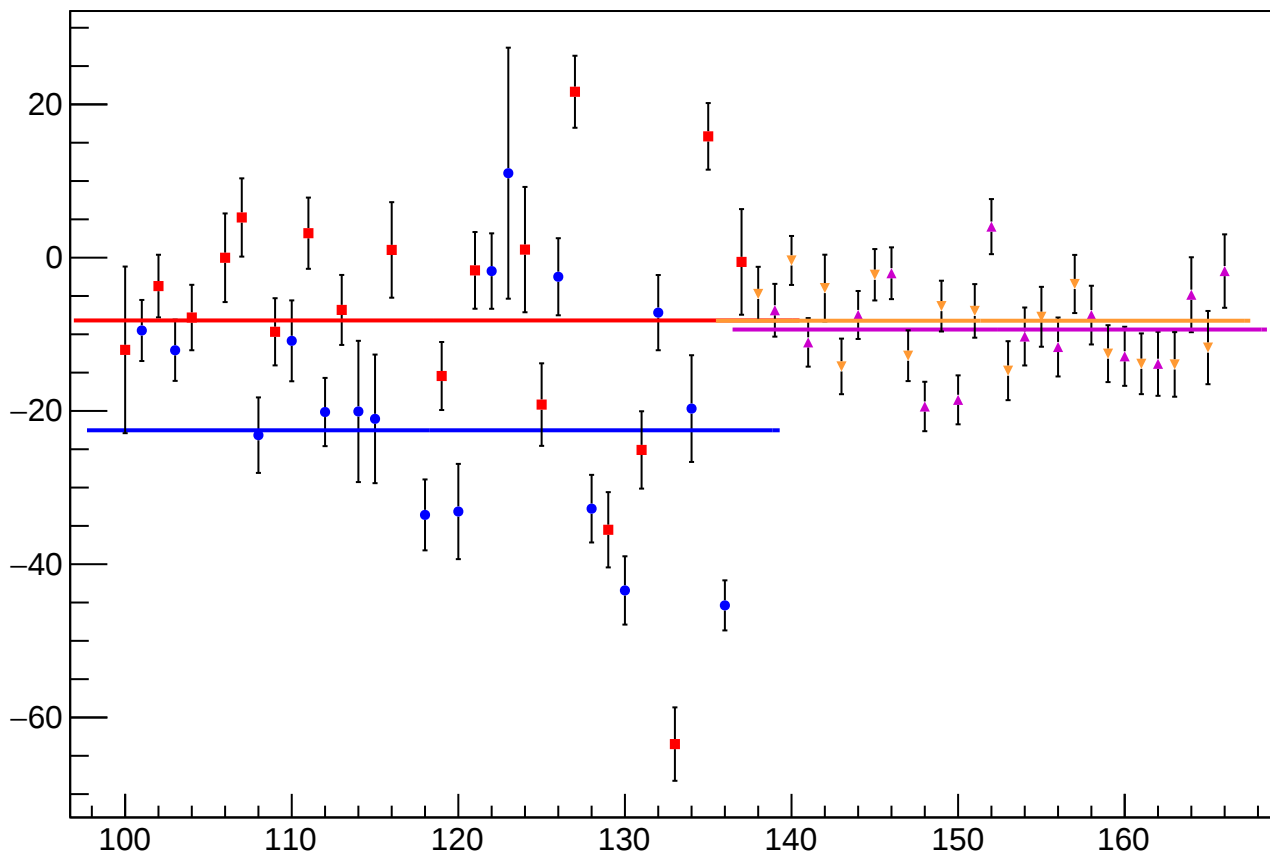
Left In: 4267.950+/-0.925 χ^2/NDF : 360312.7/13

+ sign 3871.064+/-0.661 χ^2/NDF : 1089668.5/31

All: 3885.923+/-0.467 χ^2/NDF : 2066049.0/64

- sign 3900.752+/-0.660 χ^2/NDF : 975370.5/32

diff_bpm0l01X_mean vs Slug



Right In: -22.526 ± 1.201 χ^2/NDF : 155.5/16

Left Out: -8.229 ± 0.954 χ^2/NDF : 26.5/14

Right Out: -8.192 ± 1.157 χ^2/NDF : 275.8/18

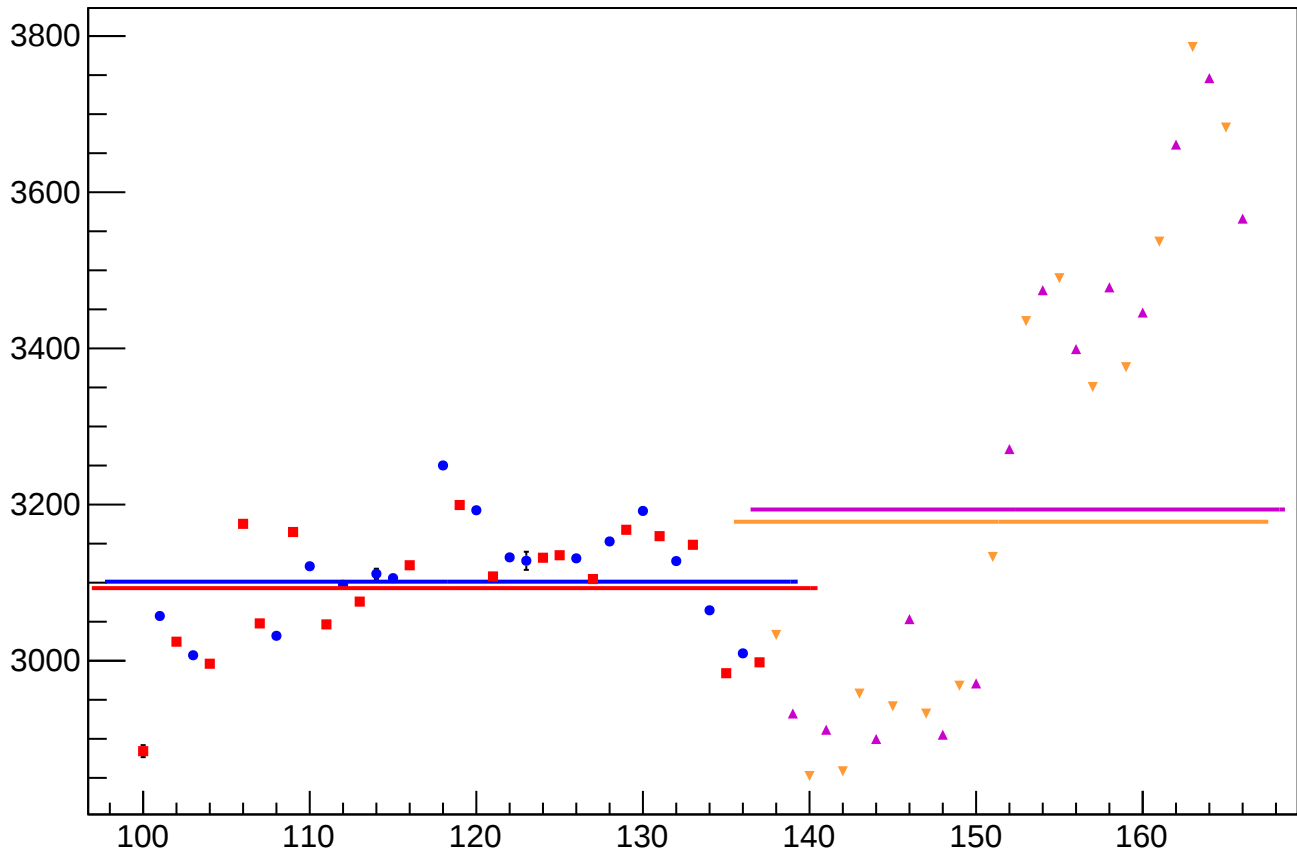
Left In: -9.378 ± 0.971 χ^2/NDF : 43.8/13

+ sign -13.763 ± 0.747 χ^2/NDF : 268.9/31

All: -11.315 ± 0.527 χ^2/NDF : 610.6/64

- sign -8.888 ± 0.744 χ^2/NDF : 320.3/32

diff_bpm0l01X_rms vs Slug



Right In: 3101.270+/-0.849 χ^2/NDF : 7233.8/16

Left Out: 3178.026+/-0.675 χ^2/NDF : 183393.8/14

Right Out: 3092.993+/-0.818 χ^2/NDF : 7766.0/18

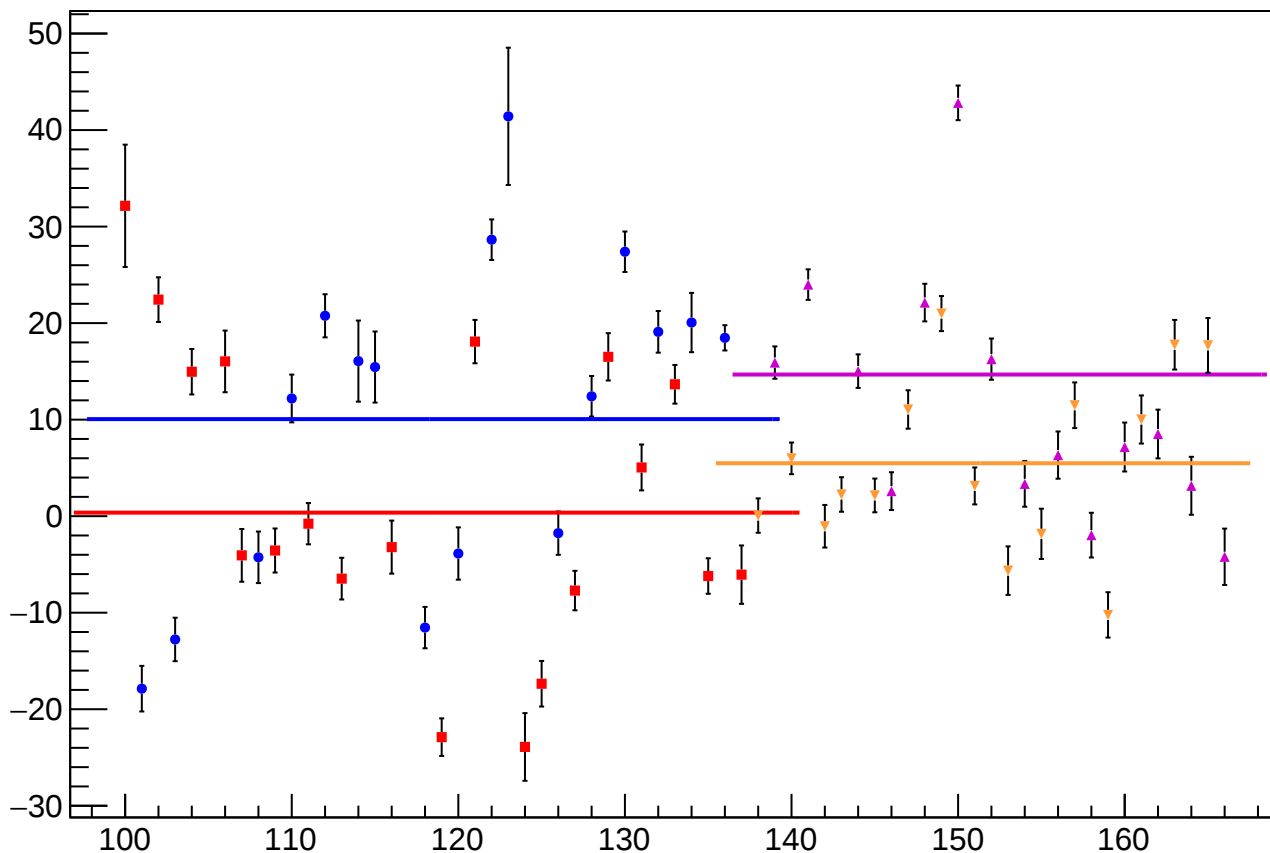
Left In: 3193.696+/-0.687 χ^2/NDF : 174043.5/13

+ sign 3148.314+/-0.528 χ^2/NDF : 195638.2/31

All: 3150.205+/-0.373 χ^2/NDF : 386364.5/64

- sign 3152.078+/-0.526 χ^2/NDF : 190700.8/32

diff_bpm0l01Y_mean vs Slug



Right In: 10.055+/-0.562 χ^2/NDF : 692.2/16

Left Out: 5.483+/-0.537 χ^2/NDF : 230.6/14

Right Out: 0.367+/-0.547 χ^2/NDF : 629.8/18

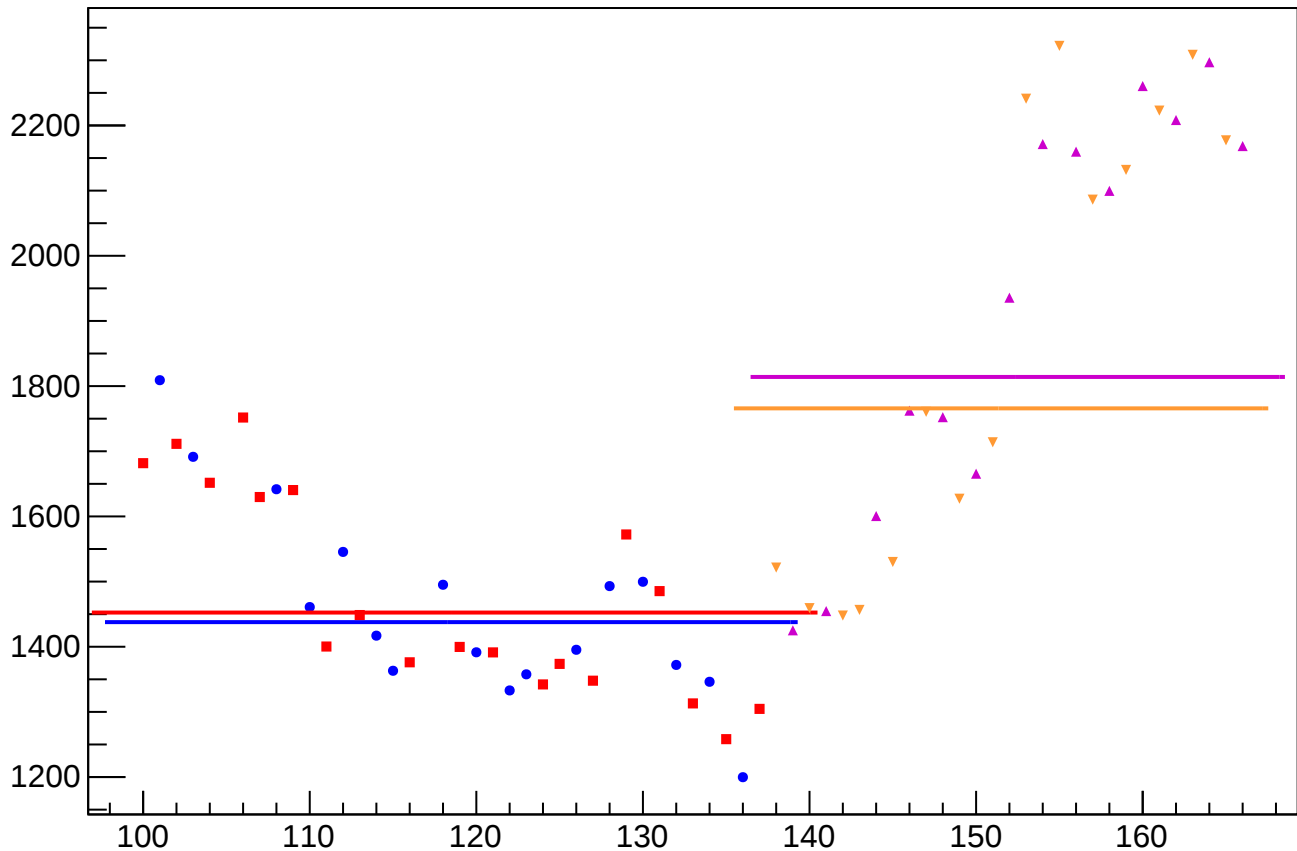
Left In: 14.674+/-0.558 χ^2/NDF : 491.8/13

+ sign 7.668+/-0.388 χ^2/NDF : 957.5/31

All: 7.525+/-0.275 χ^2/NDF : 2414.8/64

- sign 7.381+/-0.391 χ^2/NDF : 1457.0/32

diff_bpm0l01Y_rms vs Slug



Right In: 1437.776 $\pm$ 0.397 χ^2 /NDF: 173216.2/16

Left Out: 1765.832 $\pm$ 0.380 χ^2 /NDF: 705099.1/14

Right Out: 1452.469 $\pm$ 0.387 χ^2 /NDF: 138605.8/18

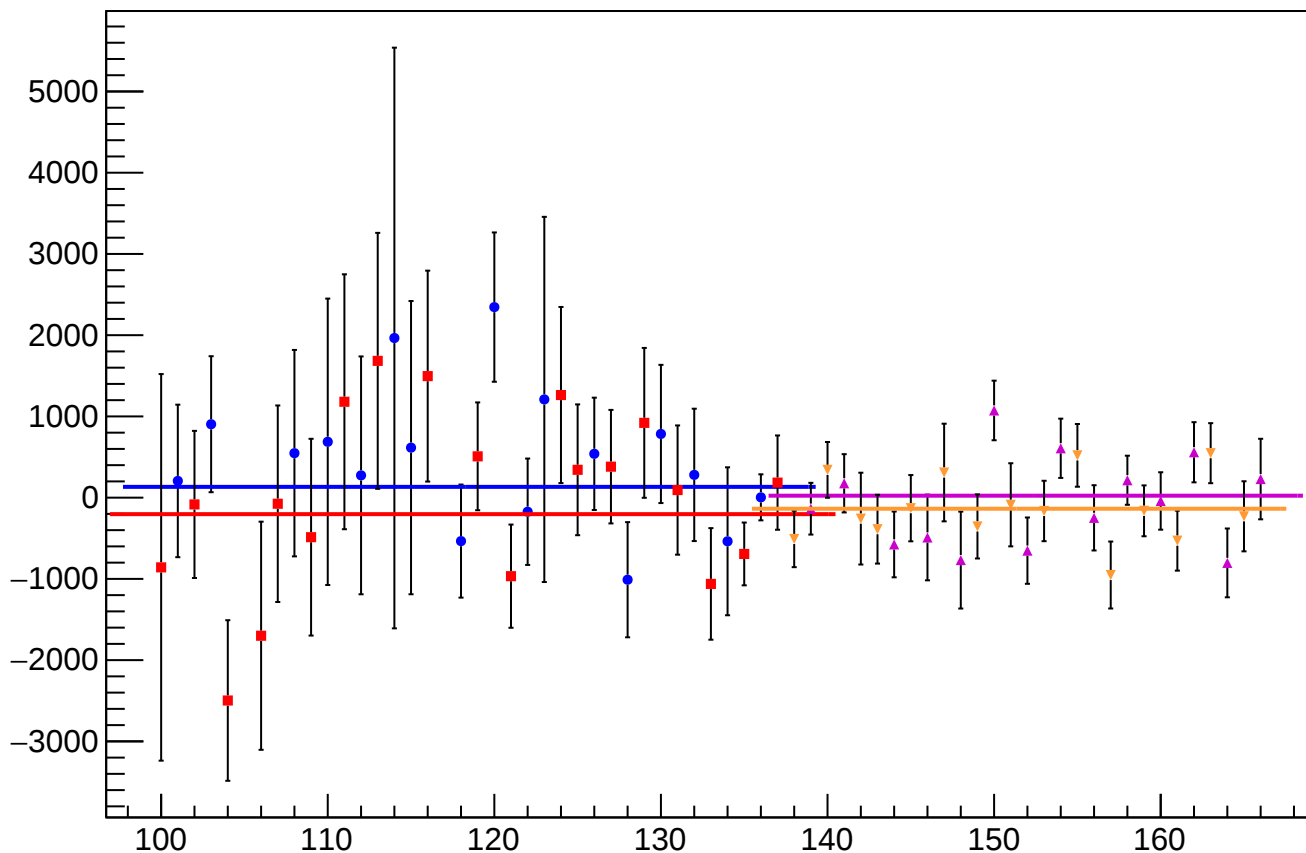
Left In: 1814.063 $\pm$ 0.394 χ^2 /NDF: 572671.7/13

+ sign 1609.068 $\pm$ 0.275 χ^2 /NDF: 1234593.4/31

All: 1619.340 $\pm$ 0.195 χ^2 /NDF: 2377094.1/64

- sign 1629.734 $\pm$ 0.276 χ^2 /NDF: 1139684.5/32

asym_sam1_mean vs Slug



Right In: 132.921 ± 180.271 χ^2/NDF : 12.9/16

Left Out: -136.331 ± 102.816 χ^2/NDF : 15.8/14

Right Out: -203.062 ± 184.353 χ^2/NDF : 21.4/18

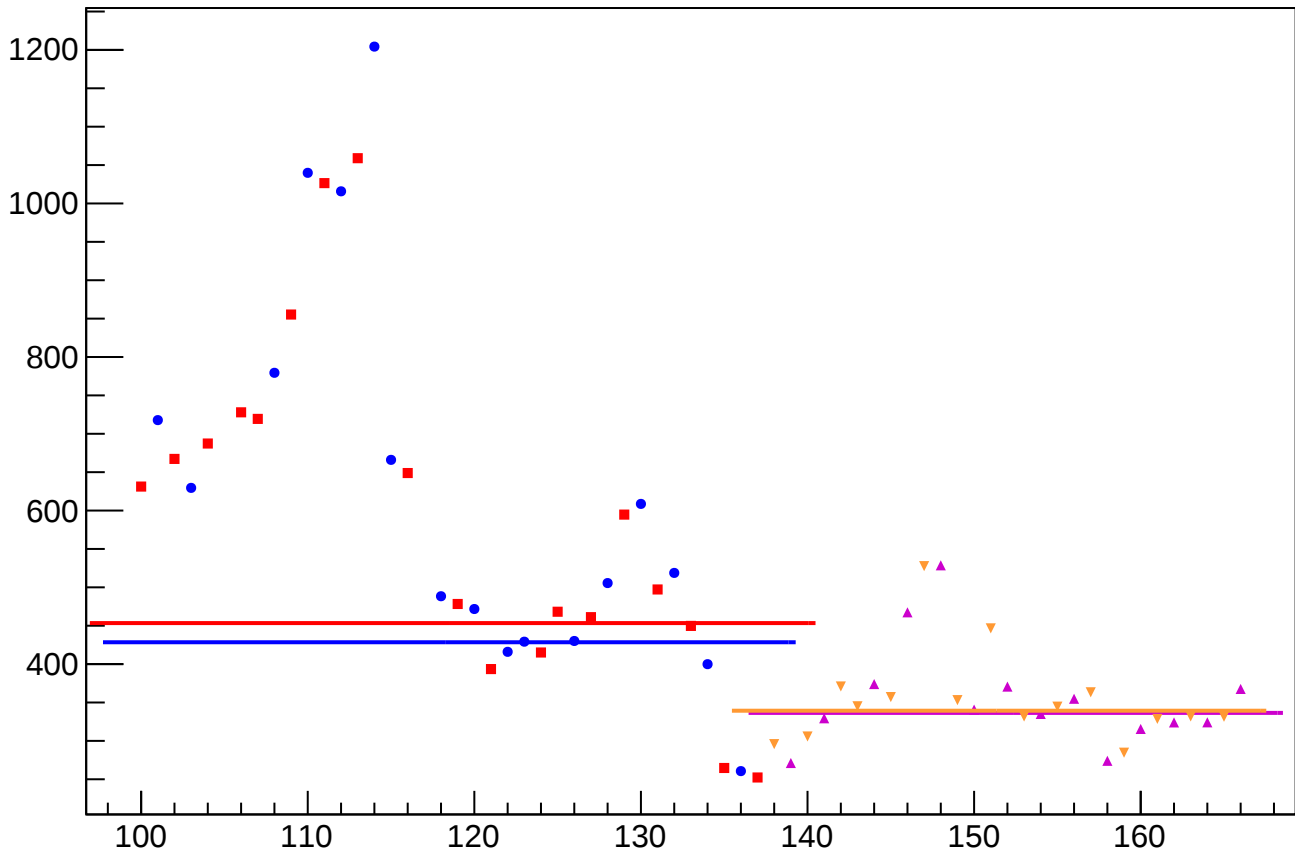
Left In: 24.122 ± 103.597 χ^2/NDF : 25.8/13

+ sign -70.243 ± 89.311 χ^2/NDF : 30.4/31

All: -50.545 ± 63.504 χ^2/NDF : 78.8/64

- sign -30.402 ± 90.314 χ^2/NDF : 48.4/32

asym_sam1_rms vs Slug



Right In: 428.460+/-0.127 χ^2/NDF : 2011453.8/16

Left Out: 339.295+/-0.073 χ^2/NDF : 419801.6/14

Right Out: 453.435+/-0.130 χ^2/NDF : 2029813.8/18

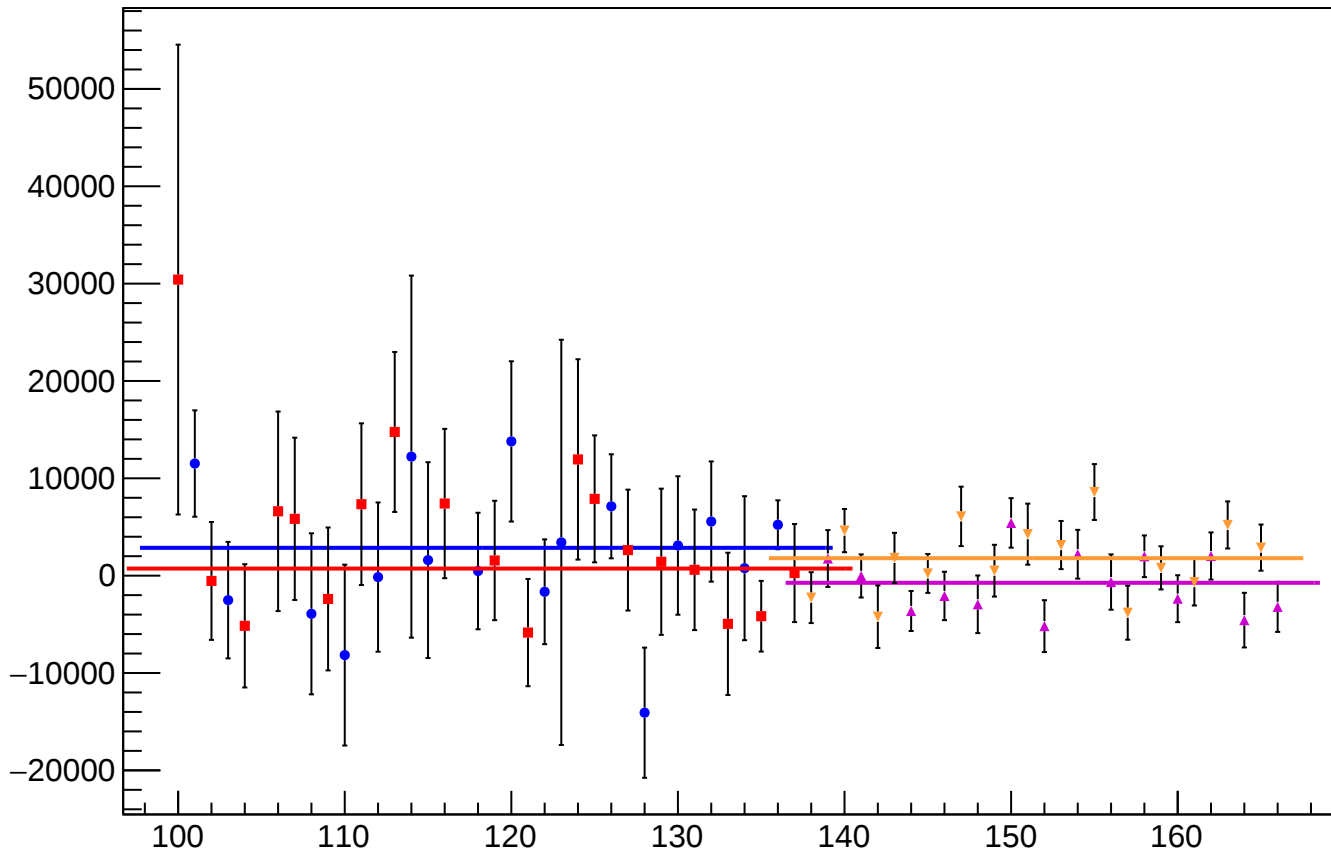
Left In: 336.457+/-0.073 χ^2/NDF : 555512.8/13

+ sign 361.181+/-0.063 χ^2/NDF : 2800450.3/31

All: 362.838+/-0.045 χ^2/NDF : 5999172.6/64

- sign 364.532+/-0.064 χ^2/NDF : 3197330.3/32

asym_sam2_mean vs Slug



Right In: 2859.622 $\pm$ 1447.884 χ^2 /NDF: 16.7/16

Left Out: 1796.437 $\pm$ 653.824 χ^2 /NDF:24.4/14

Right Out: 729.571 $\pm$ 1509.224 χ^2 /NDF: 14.0/18

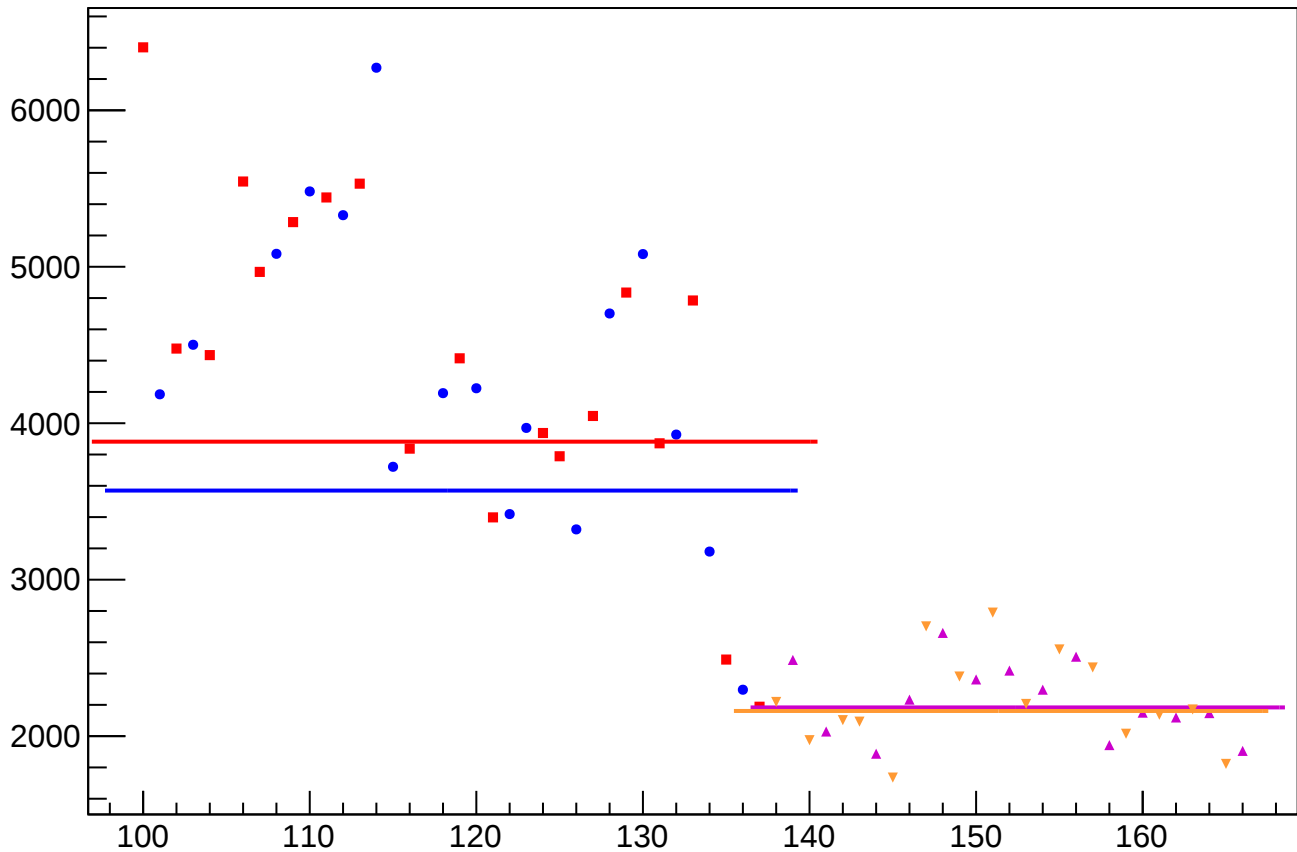
Left In: -733.271 $\pm$ 666.423 χ^2 /NDF:19.8/13

+ sign 1976.517 $\pm$ 595.885 χ^2 /NDF: 41.5/31

All: 769.147 $\pm$ 426.132 χ^2 /NDF: 84.6/64

- sign -494.584 $\pm$ 609.634 χ^2 /NDF: 34.6/32

asym_sam2_rms vs Slug



Right In: 3569.631+/-1.024 χ^2/NDF : 1087935.4/16

Left Out: 2160.931+/-0.462 χ^2/NDF : 372641.2/14

Right Out: 3882.169+/-1.067 χ^2/NDF : 983087.5/18

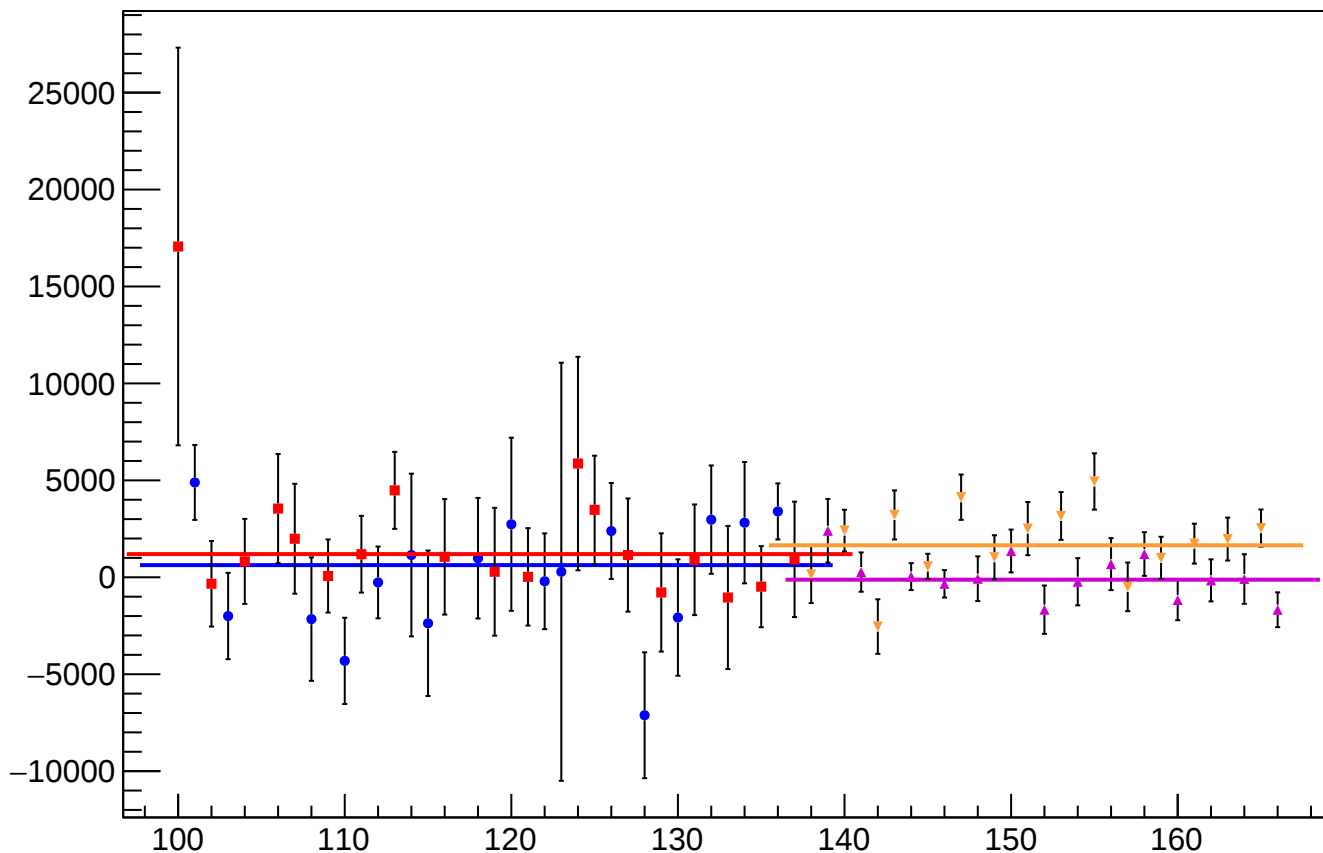
Left In: 2183.544+/-0.471 χ^2/NDF : 231778.2/13

+ sign 2399.534+/-0.421 χ^2/NDF : 3033121.4/31

All: 2429.421+/-0.301 χ^2/NDF : 6378384.1/64

- sign 2460.703+/-0.431 χ^2/NDF : 3334965.6/32

asym_sam3_mean vs Slug



Right In: 627.655+/-620.929 χ^2/NDF : 25.1/16

Left Out: 1650.664+/-284.781 χ^2/NDF : 30.8/14

Right Out: 1195.385+/-603.058 χ^2/NDF : 9.9/18

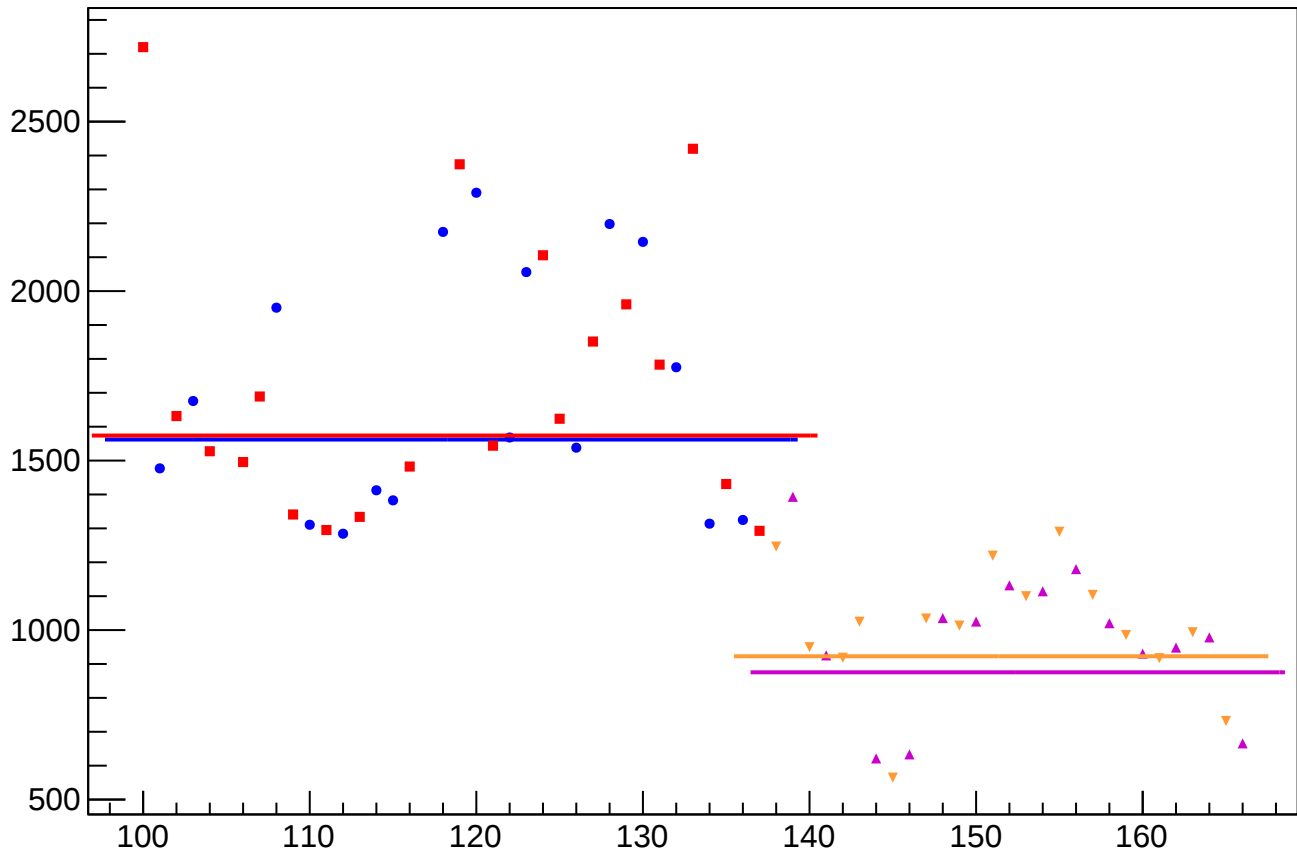
Left In: -123.572+/-274.496 χ^2/NDF : 11.7/13

+ sign 1472.874+/-258.855 χ^2/NDF : 58.1/31

All: 763.542+/-179.763 χ^2/NDF : 98.3/64

- sign 102.794+/-249.833 χ^2/NDF : 25.6/32

asym_sam3_rms vs Slug



Right In: 1562.101 $\pm$ 0.439 χ^2 /NDF: 482088.3/16

Left Out: 922.706 $\pm$ 0.201 χ^2 /NDF: 1146499.4/14

Right Out: 1573.906 $\pm$ 0.426 χ^2 /NDF: 463991.4/18

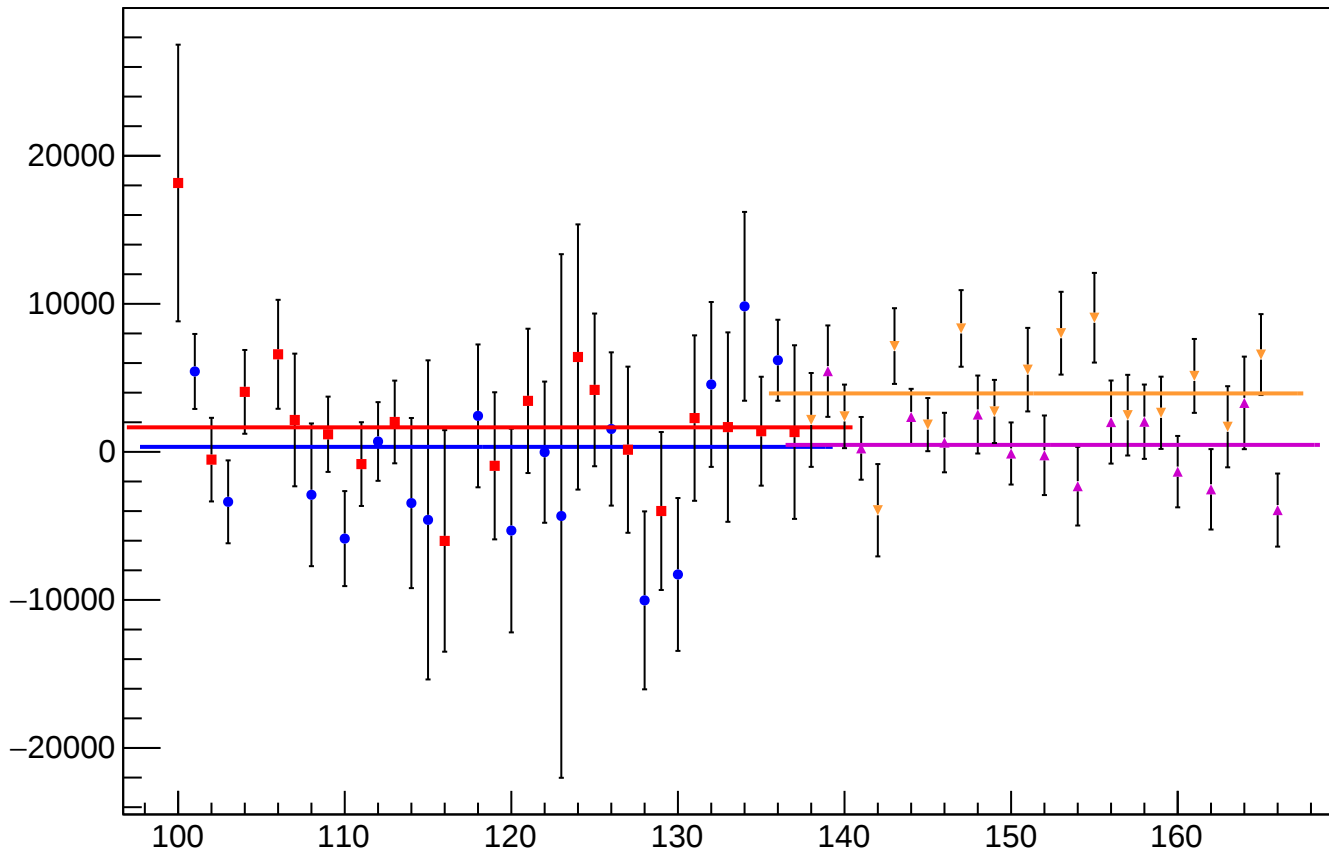
Left In: 875.417 $\pm$ 0.194 χ^2 /NDF: 1215963.1/13

+ sign 1033.827 $\pm$ 0.183 χ^2 /NDF: 3380753.5/31

All: 1013.878 $\pm$ 0.127 χ^2 /NDF: 7306238.3/64

- sign 995.295 $\pm$ 0.177 χ^2 /NDF: 3902541.4/32

asym_sam4_mean vs Slug



Right In: 338.117 ± 995.842 χ^2/NDF : 24.8/16

Left Out: 3948.867 ± 653.075 χ^2/NDF : 21.1/14

Right Out: 1658.069 ± 924.453 χ^2/NDF : 10.3/18

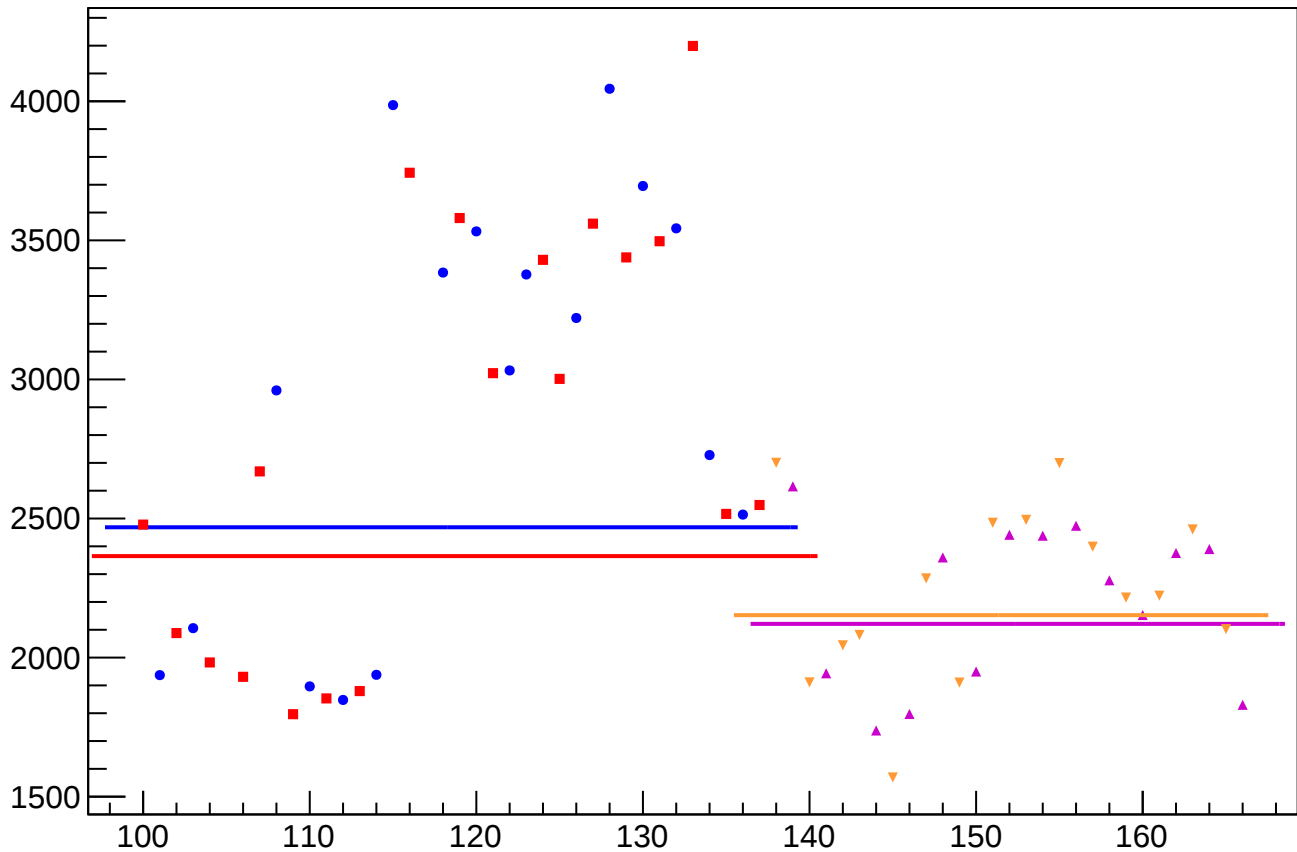
Left In: 472.234 ± 650.403 χ^2/NDF : 11.9/13

+ sign 2862.984 ± 546.114 χ^2/NDF : 55.0/31

All: 1837.659 ± 381.051 χ^2/NDF : 85.2/64

- sign 864.862 ± 531.941 χ^2/NDF : 23.3/32

asym_sam4_rms vs Slug



Right In: 2468.489+/-0.704 χ^2/NDF : 896153.6/16

Left Out: 2152.528+/-0.462 χ^2/NDF : 499456.9/14

Right Out: 2364.833+/-0.654 χ^2/NDF : 1025161.0/18

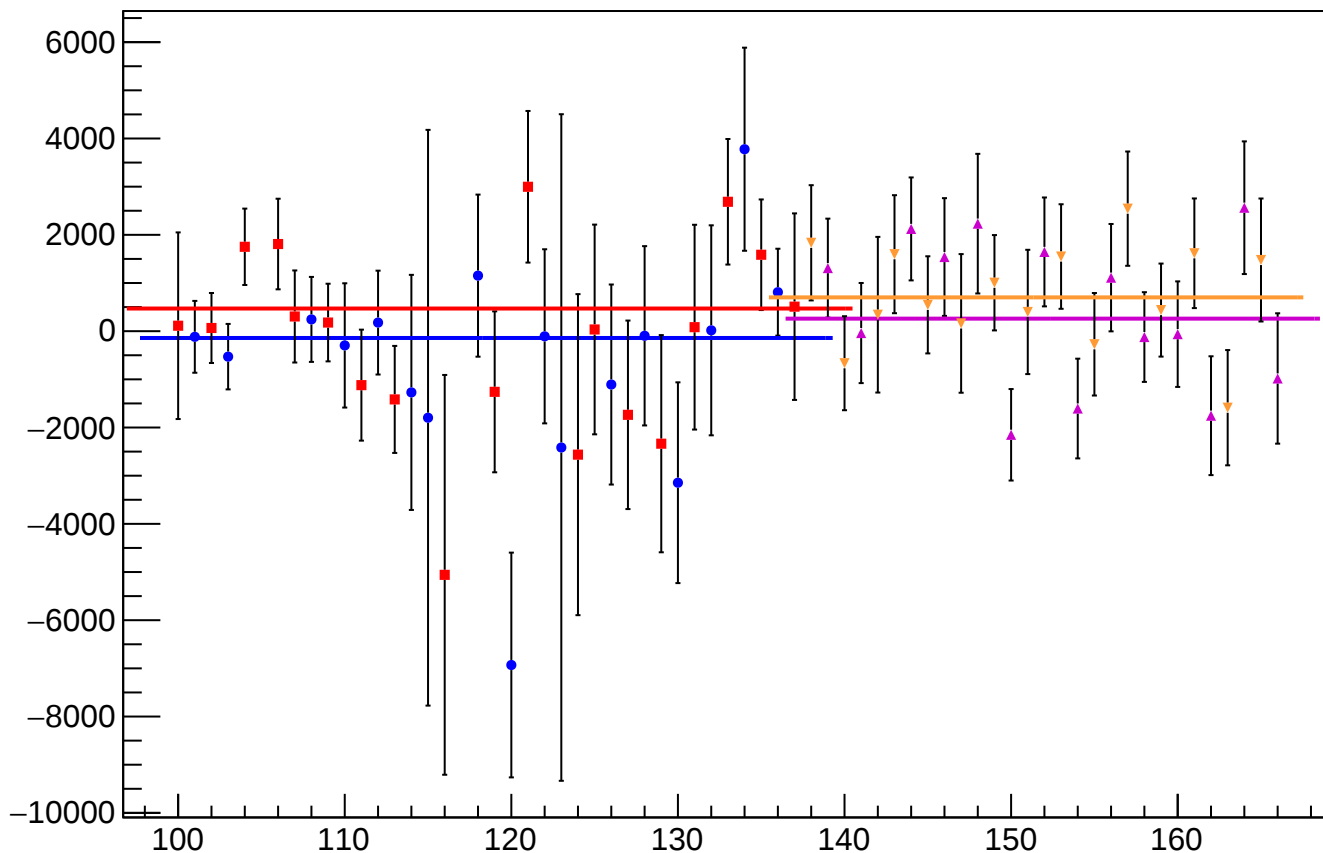
Left In: 2121.184+/-0.460 χ^2/NDF : 385500.9/13

+ sign 2247.549+/-0.386 χ^2/NDF : 1536395.7/31

All: 2224.102+/-0.269 χ^2/NDF : 3047171.9/64

- sign 2201.856+/-0.376 χ^2/NDF : 1503591.5/32

asym_sam5_mean vs Slug



Right In: -141.213 ± 313.319 χ^2/NDF : 16.9/16

Left Out: 701.571 ± 295.047 χ^2/NDF : 12.4/14

Right Out: 470.143 ± 282.892 χ^2/NDF : 22.9/18

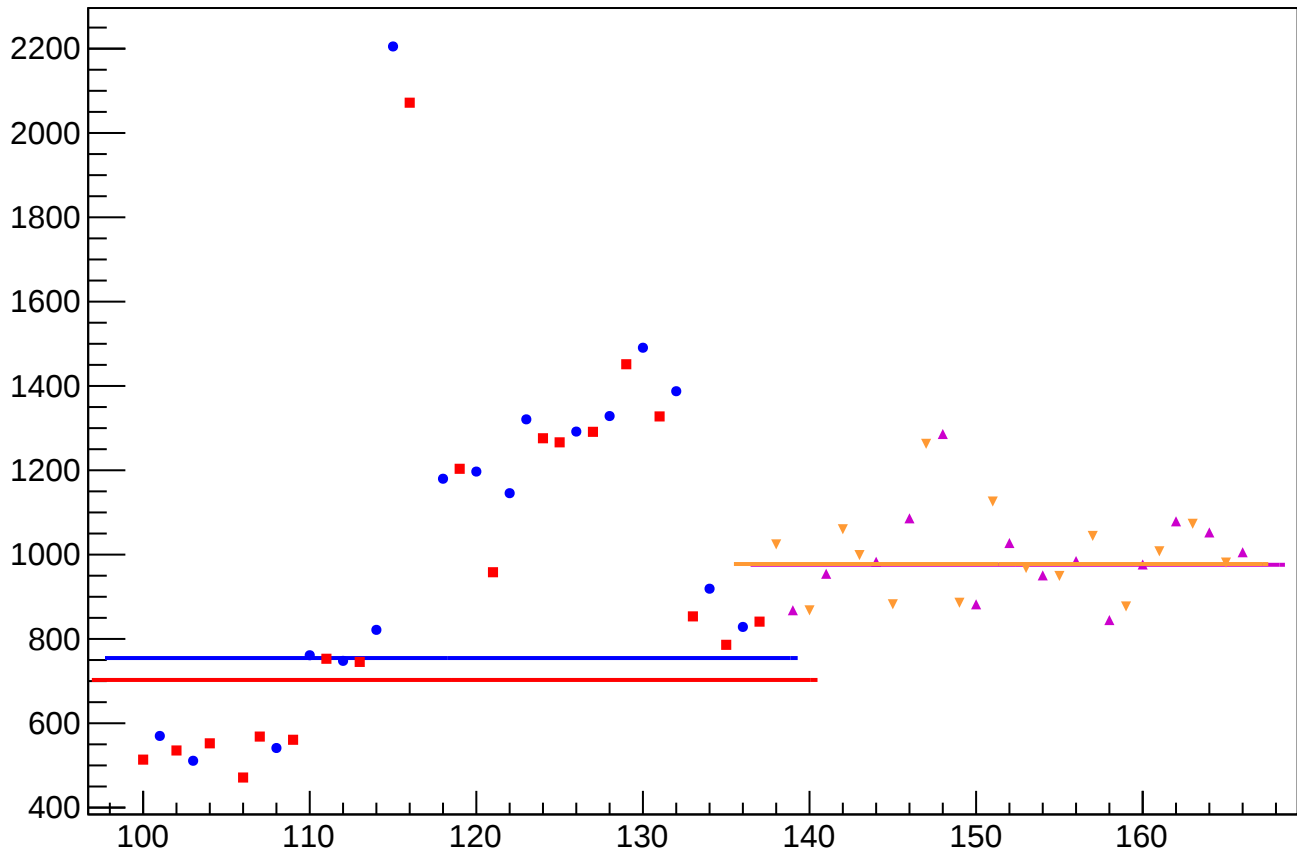
Left In: 260.277 ± 298.240 χ^2/NDF : 25.5/13

+ sign 305.468 ± 214.799 χ^2/NDF : 33.2/31

All: 339.592 ± 148.393 χ^2/NDF : 81.8/64

- sign 370.749 ± 205.246 χ^2/NDF : 48.6/32

asym_sam5_rms vs Slug



Right In: 754.684+/-0.222 χ^2/NDF : 1690621.2/16

Left Out: 977.691+/-0.209 χ^2/NDF : 218018.2/14

Right Out: 702.721+/-0.200 χ^2/NDF : 1691602.9/18

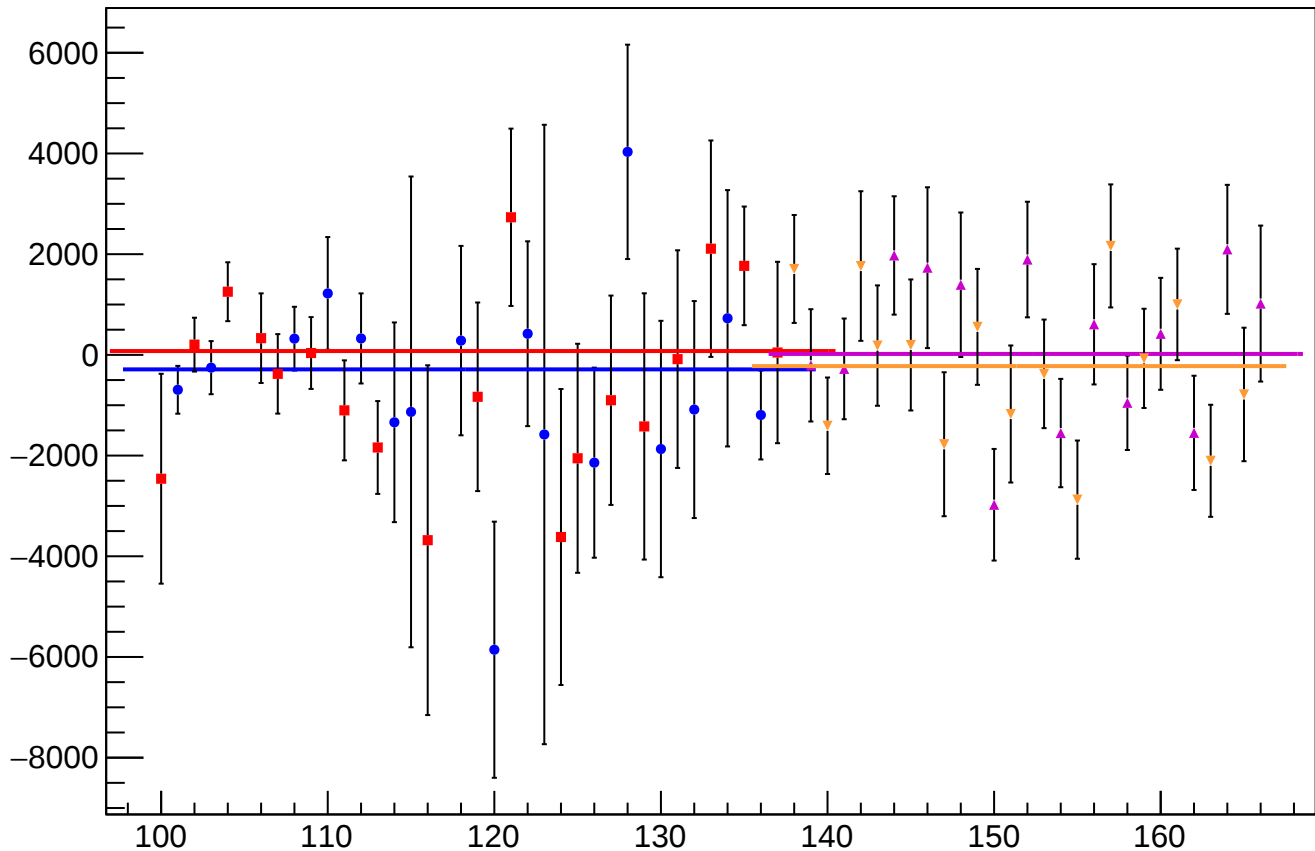
Left In: 975.871+/-0.211 χ^2/NDF : 216647.4/13

+ sign 872.879+/-0.152 χ^2/NDF : 2445640.8/31

All: 851.556+/-0.105 χ^2/NDF : 5274695.0/64

- sign 832.088+/-0.145 χ^2/NDF : 2791350.9/32

asym_sam6_mean vs Slug



Right In: -288.037 ± 250.436 χ^2/NDF : 16.2/16

Left Out: -223.225 ± 302.005 χ^2/NDF : 22.1/14

Right Out: 76.119 ± 246.083 χ^2/NDF : 21.4/18

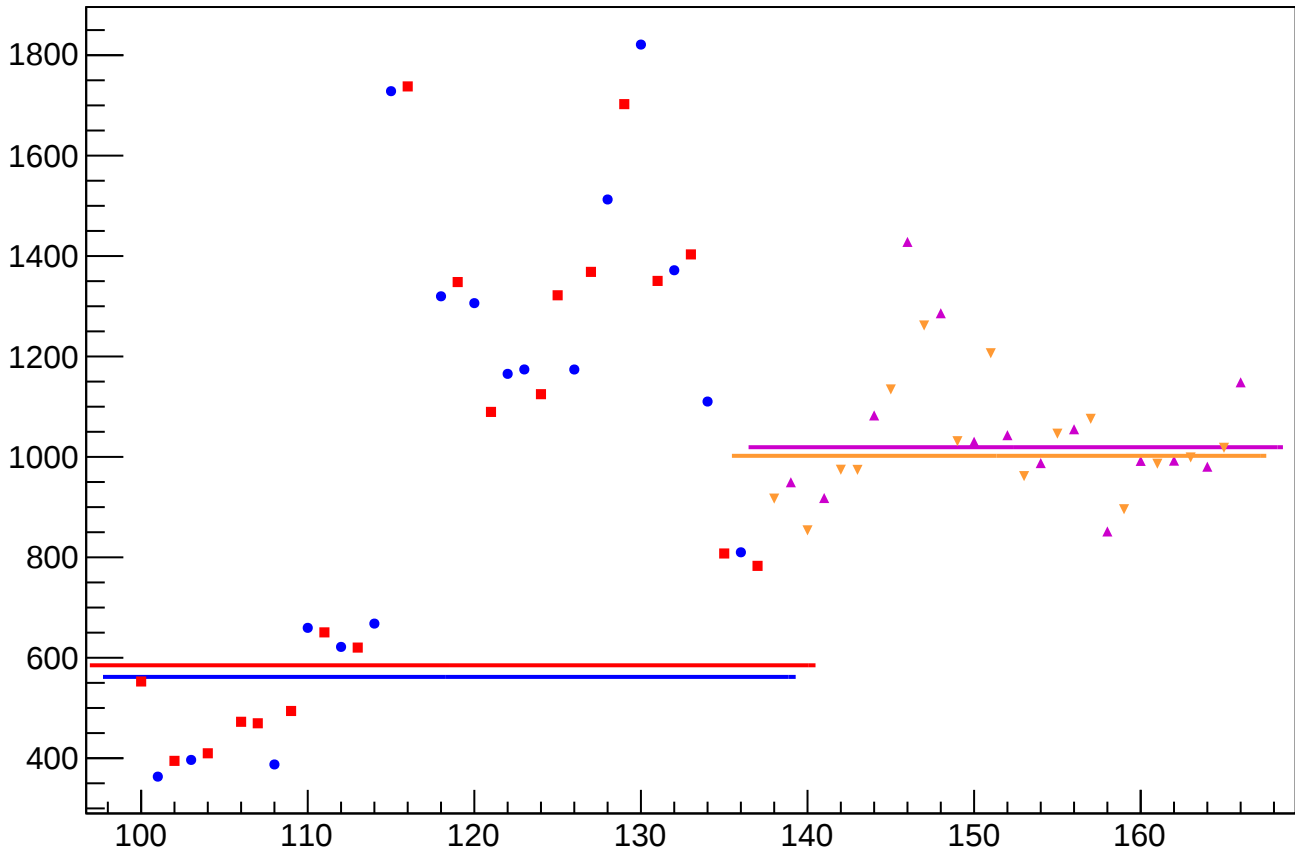
Left In: 18.714 ± 311.723 χ^2/NDF : 23.5/13

+ sign -261.629 ± 192.777 χ^2/NDF : 38.3/31

All: -104.080 ± 136.446 χ^2/NDF : 84.5/64

- sign 54.079 ± 193.151 χ^2/NDF : 44.9/32

asym_sam6_rms vs Slug



Right In: 561.894 $\pm$ 0.177 χ^2 /NDF: 3216651.3/16

Left Out: 1002.158 $\pm$ 0.214 χ^2 /NDF:232256.3/14

Right Out: 584.993 $\pm$ 0.174 χ^2 /NDF: 2824449.5/18

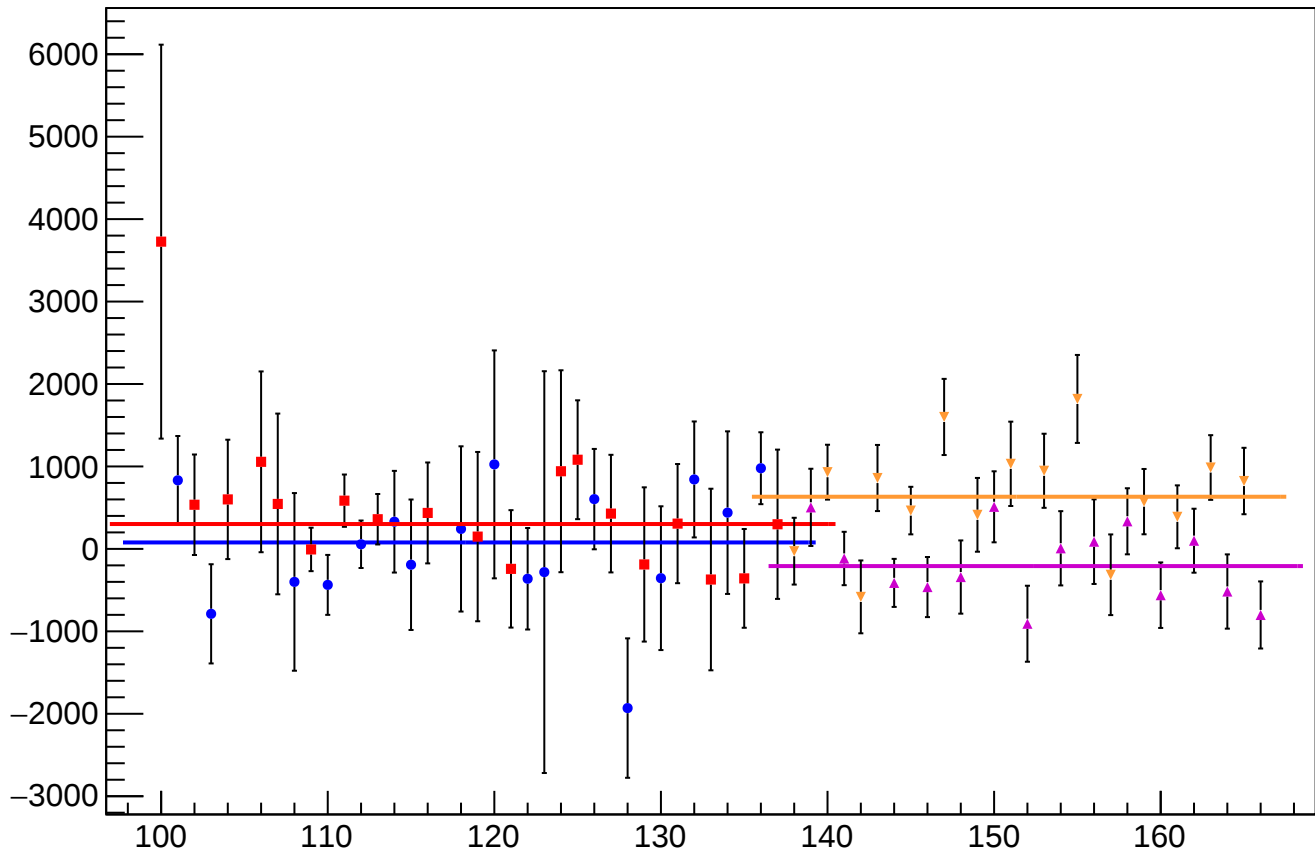
Left In: 1019.317 $\pm$ 0.220 χ^2 /NDF:320896.2/13

+ sign 741.283 $\pm$ 0.136 χ^2 /NDF: 5967441.4/31

All: 746.503 $\pm$ 0.096 χ^2 /NDF: 11507655.0/64

- sign 751.744 $\pm$ 0.137 χ^2 /NDF: 5537274.7/32

asym_sam7_mean vs Slug



Right In: 78.184 $\pm$ 142.869 χ^2 /NDF: 19.8/16

Left Out: 632.596 $\pm$ 105.094 χ^2 /NDF: 27.6/14

Right Out: 301.651 $\pm$ 129.650 χ^2 /NDF: 9.1/18

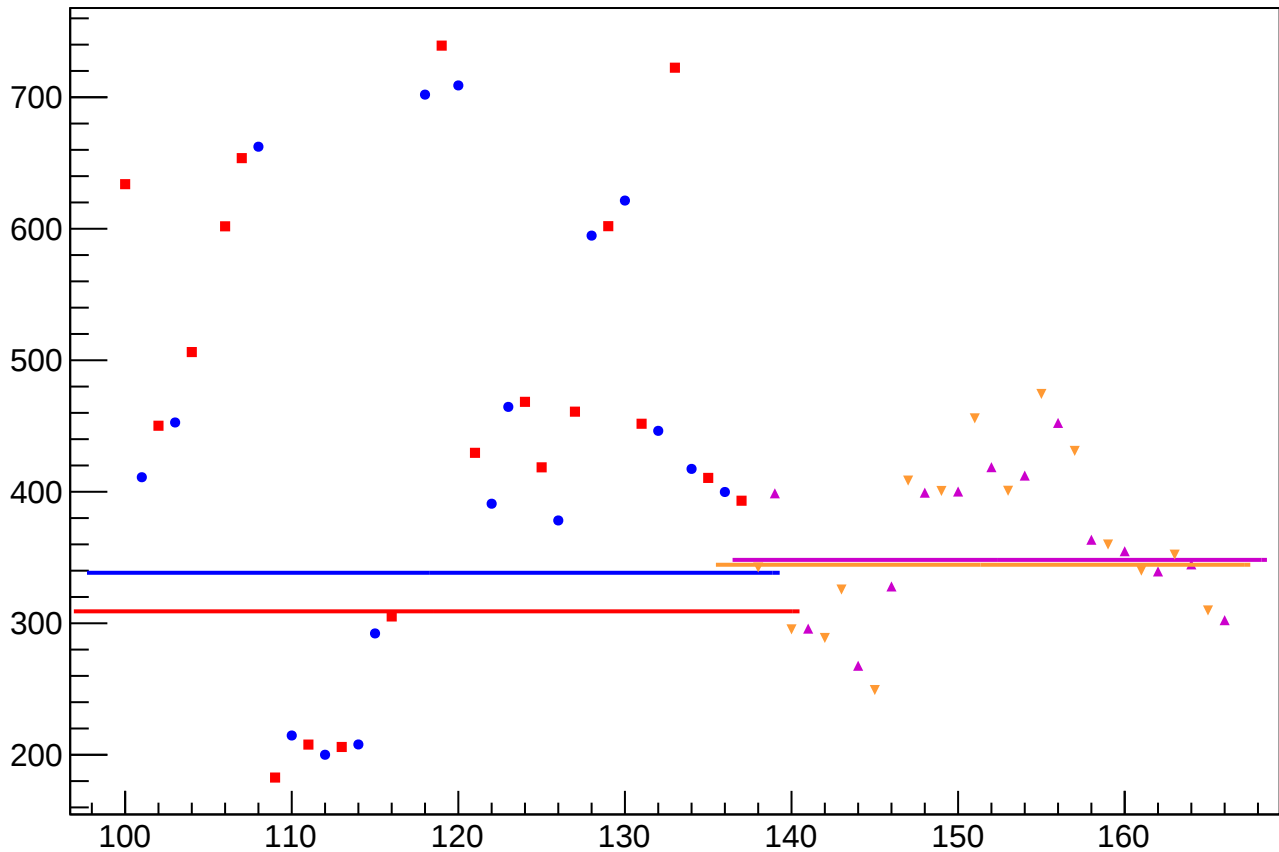
Left In: -208.526 $\pm$ 106.917 χ^2 /NDF: 15.0/13

+ sign 437.934 $\pm$ 84.657 χ^2 /NDF: 57.1/31

All: 212.248 $\pm$ 59.079 χ^2 /NDF: 104.2/64

- sign -2.014 $\pm$ 82.487 χ^2 /NDF: 33.3/32

asym_sam7_rms vs Slug



Right In: 338.408 $\pm$ 0.101 χ^2 /NDF: 2009287.1/16

Left Out: 344.509 $\pm$ 0.074 χ^2 /NDF: 694070.0/14

+ sign 342.366 $\pm$ 0.060 χ^2 /NDF: 2705723.5/31

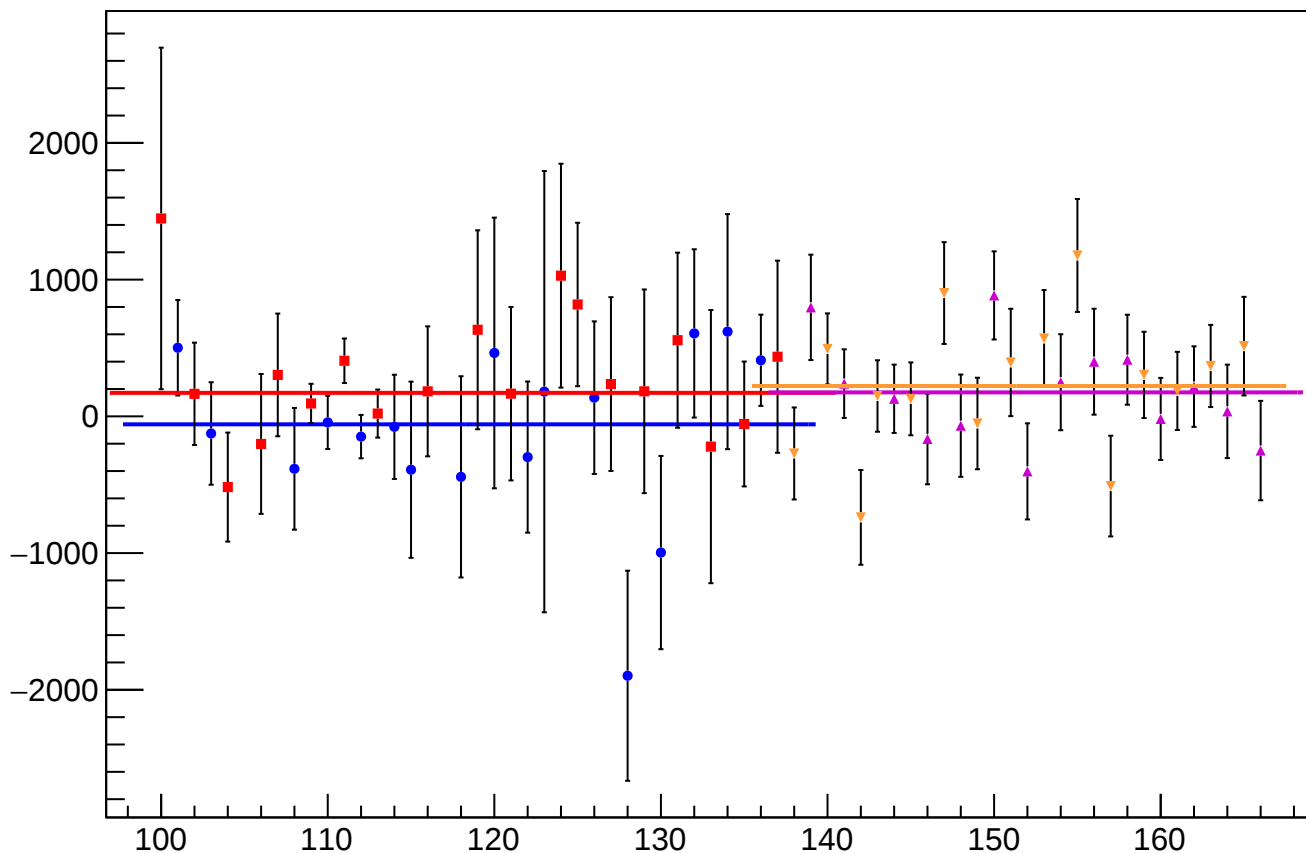
Right Out: 309.081 $\pm$ 0.092 χ^2 /NDF: 2733465.5/18

All: 337.240 $\pm$ 0.042 χ^2 /NDF: 6051578.2/64

- sign 332.373 $\pm$ 0.058 χ^2 /NDF: 3331557.3/32

Left In: 348.213 $\pm$ 0.076 χ^2 /NDF: 489645.1/13

asym_sam8_mean vs Slug



Right In: -58.299 $\pm$ 90.484 χ^2/NDF : 15.9/16

Left Out: 222.139 $\pm$ 82.880 χ^2/NDF :26.6/14

Right Out: 171.954 $\pm$ 76.920 χ^2/NDF : 11.3/18

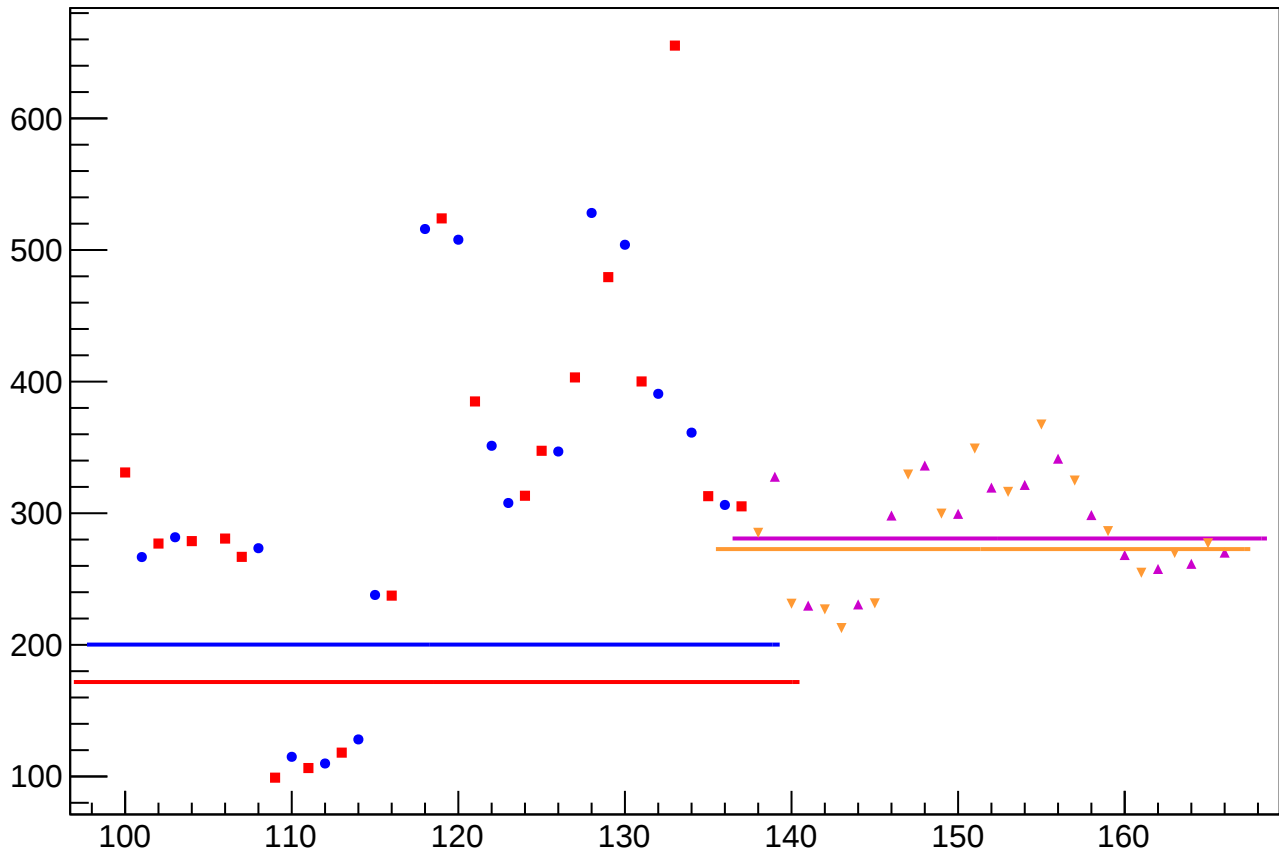
Left In: 175.350 $\pm$ 85.956 χ^2/NDF :14.6/13

+ sign 94.197 $\pm$ 61.117 χ^2/NDF : 47.6/31

All: 136.369 $\pm$ 41.809 χ^2/NDF : 74.5/64

- sign 173.465 $\pm$ 57.320 χ^2/NDF : 26.0/32

asym_sam8_rms vs Slug



Right In: 200.209 $\pm$ 0.064 χ^2 /NDF: 3387197.7/16

Left Out: 272.767 $\pm$ 0.059 χ^2 /NDF:564127.6/14

Right Out: 171.757 $\pm$ 0.054 χ^2 /NDF: 4093922.6/18

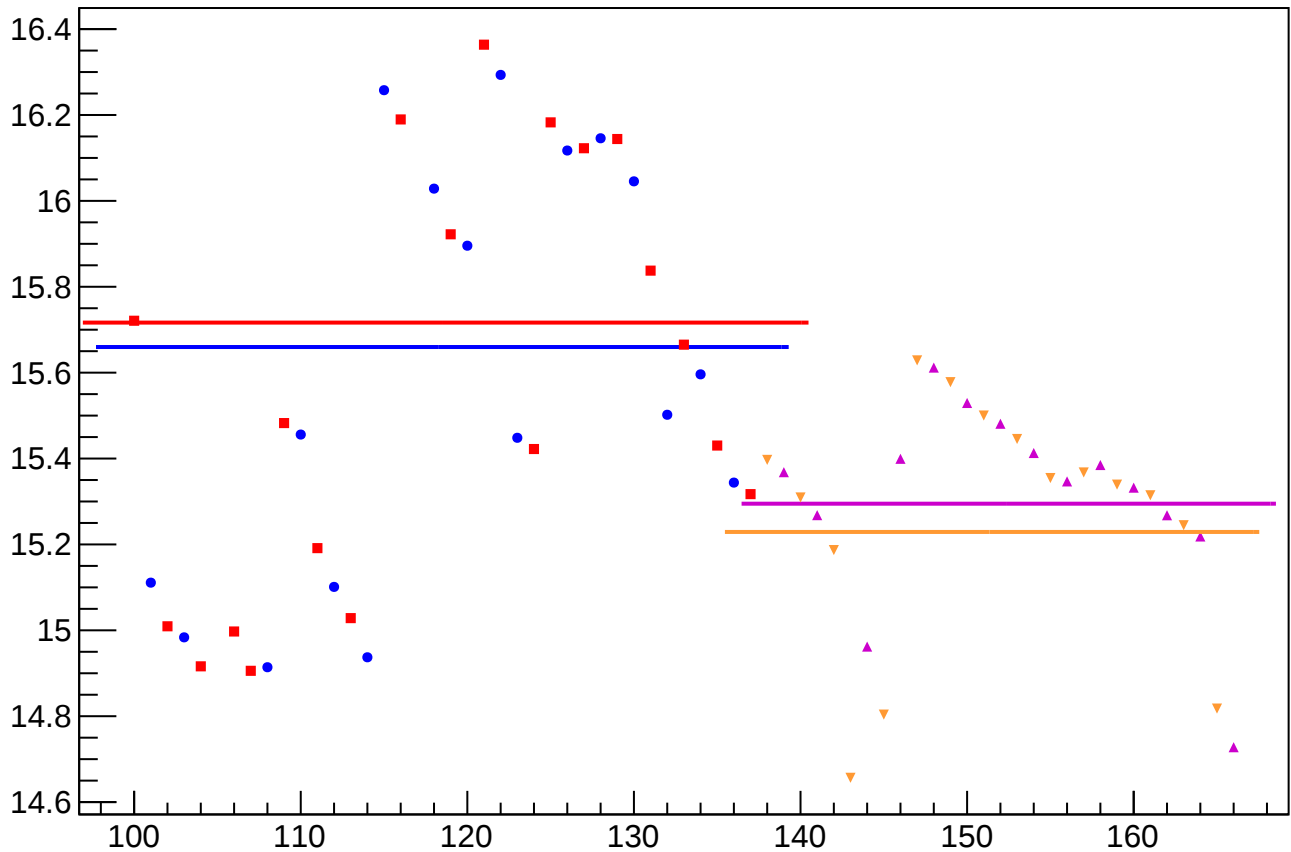
Left In: 280.814 $\pm$ 0.061 χ^2 /NDF:378802.3/13

+ sign 239.664 $\pm$ 0.043 χ^2 /NDF: 4650643.0/31

All: 229.337 $\pm$ 0.030 χ^2 /NDF: 11018489.1/64

- sign 220.254 $\pm$ 0.041 χ^2 /NDF: 6260518.1/32

yield_sam1_mean vs Slug



Right In: 15.660 $\pm$ 0.000 χ^2 /NDF: 5782644553.5/16

Left Out: 15.229 $\pm$ 0.000 χ^2 /NDF: 7129325995.7/14

Right Out: 15.717 $\pm$ 0.000 χ^2 /NDF: 5461829475.3/18

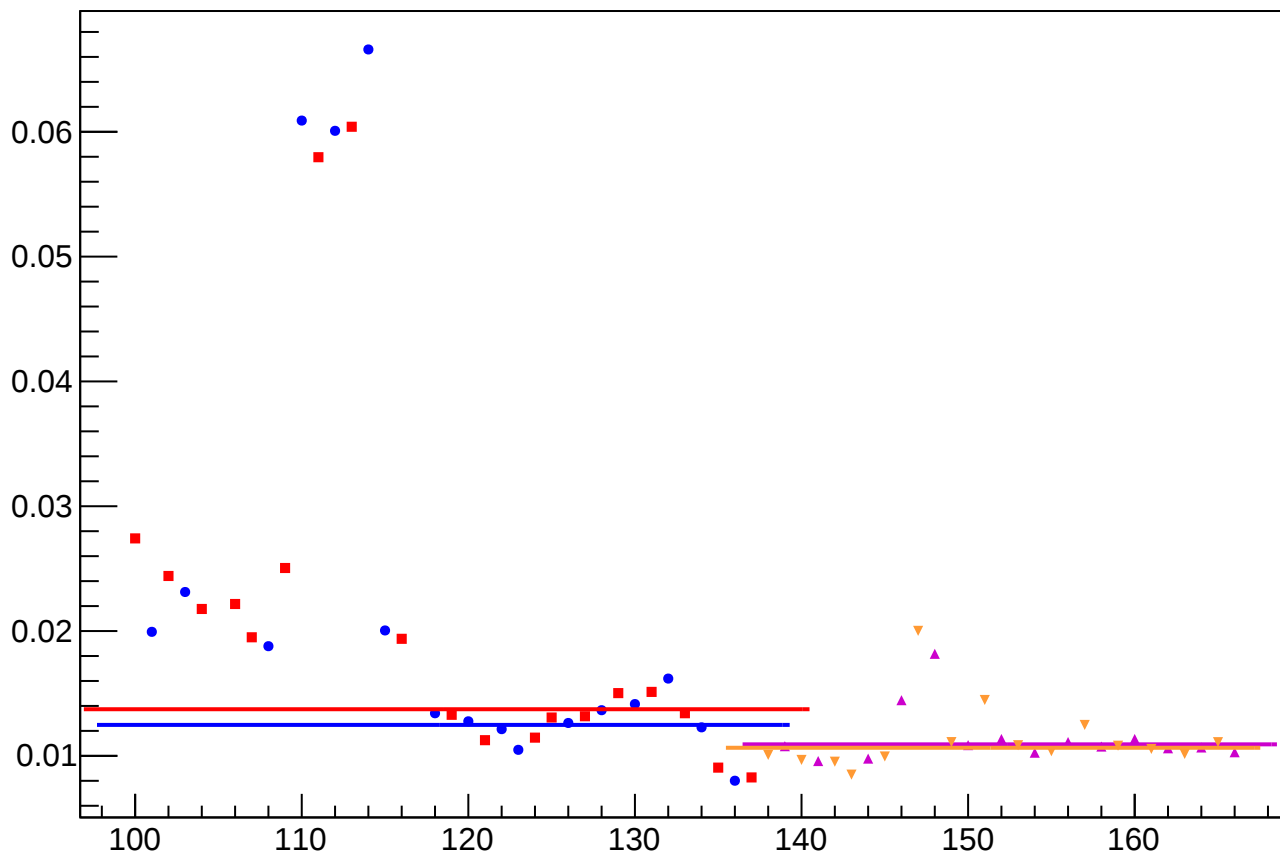
Left In: 15.295 $\pm$ 0.000 χ^2 /NDF: 3663916454.8/13

+ sign 15.344 $\pm$ 0.000 χ^2 /NDF: 17409628670.2/31

All: 15.372 $\pm$ 0.000 χ^2 /NDF: 30565719558.2

- sign 15.401 $\pm$ 0.000 χ^2 /NDF: 12960646748.0/32

yield_sam1_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 2152911.4/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF:588764.5/14

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2077569.4/18

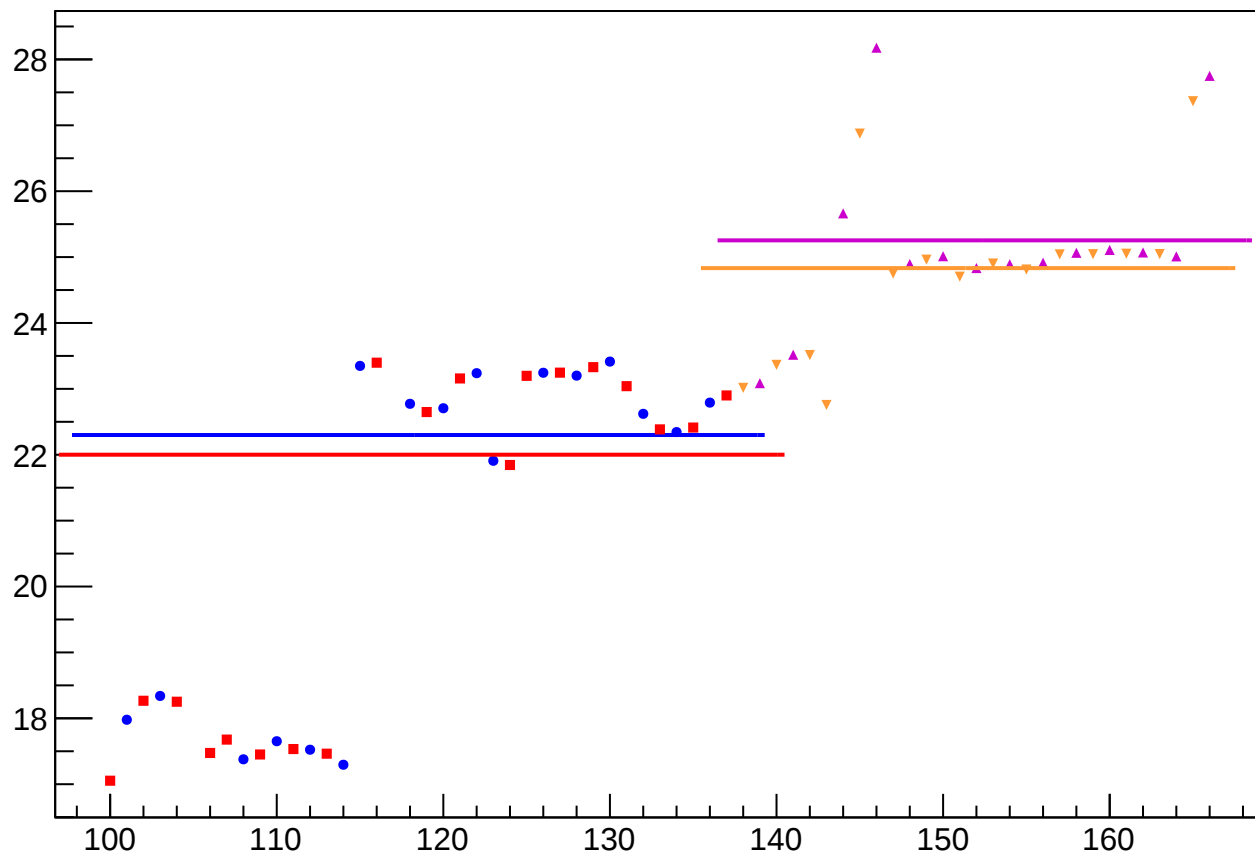
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:402078.2/13

+ sign 0.011 $\pm$ 0.000 χ^2 /NDF: 2904468.4/31

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 5754798.0/64

- sign 0.012 $\pm$ 0.000 χ^2 /NDF: 2821117.6/32

yield_sam2_mean vs Slug



Right In: 22.300+/-0.000 χ^2/NDF : 938398636.8/16

Left Out: 24.833+/-0.000 χ^2/NDF : 1171405559.0/14

Right Out: 22.001+/-0.000 χ^2/NDF : 1066041325.5/18

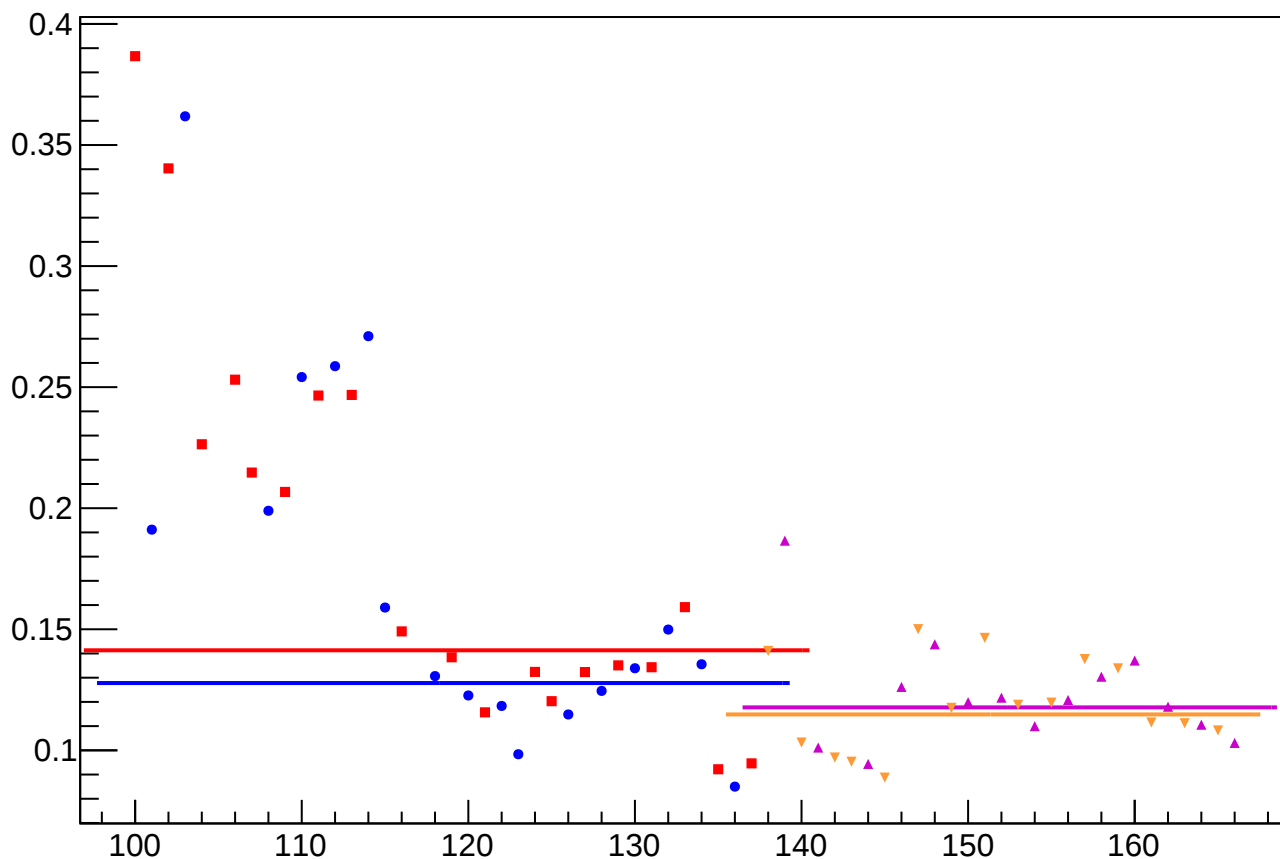
Left In: 25.254+/-0.000 χ^2/NDF : 1005910723.1/13

+ sign 24.066+/-0.000 χ^2/NDF : 3495340007.8/31

All: 24.182+/-0.000 χ^2/NDF : 7665389328.2/6

- sign 24.308+/-0.000 χ^2/NDF : 4141306135.4/32

yield_sam2_rms vs Slug



Right In: 0.128 $\pm$ 0.000 χ^2 /NDF: 1492109.7/16

Left Out: 0.115 $\pm$ 0.000 χ^2 /NDF:457908.1/14

Right Out: 0.141 $\pm$ 0.000 χ^2 /NDF: 1449275.1/18

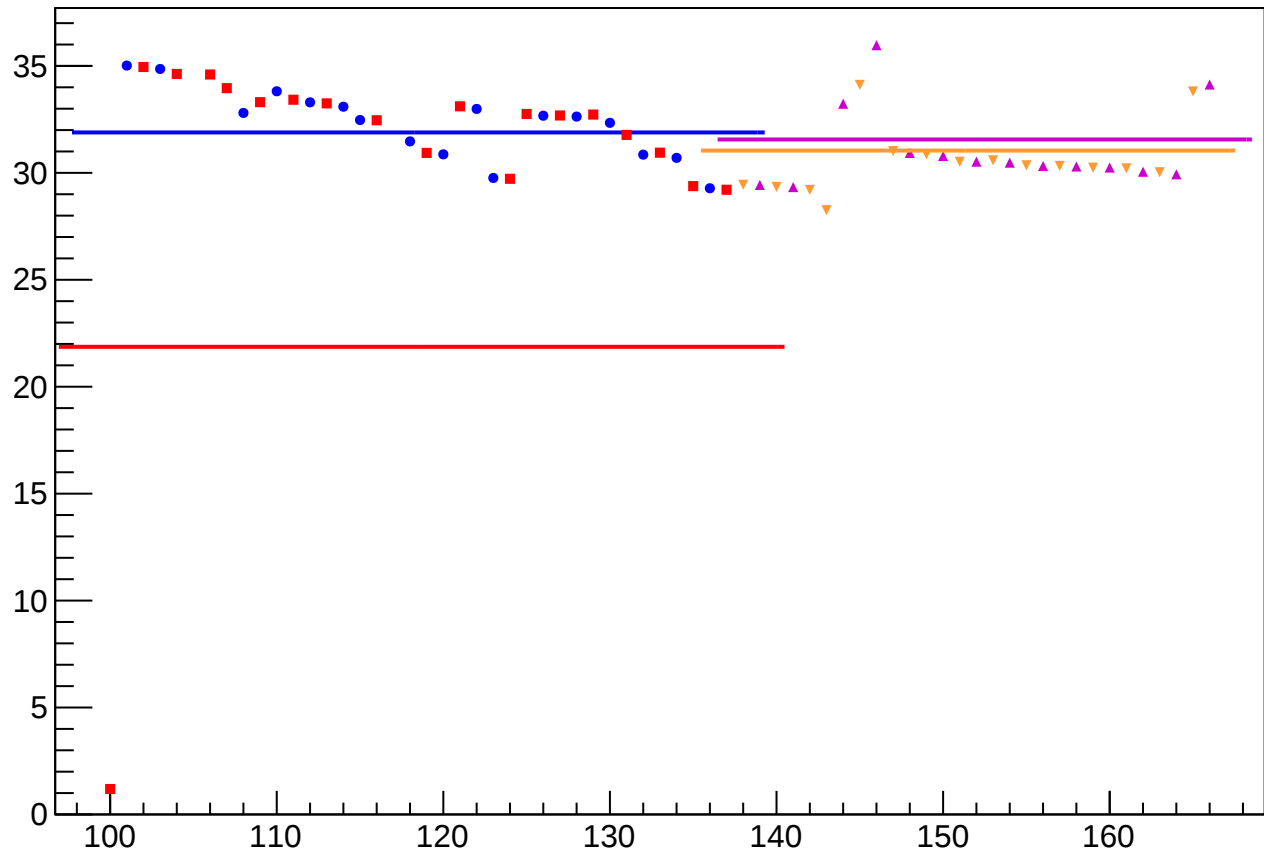
Left In: 0.118 $\pm$ 0.000 χ^2 /NDF:451215.8/13

+ sign 0.119 $\pm$ 0.000 χ^2 /NDF: 2022613.5/31

All: 0.122 $\pm$ 0.000 χ^2 /NDF: 4174109.2/64

- sign 0.125 $\pm$ 0.000 χ^2 /NDF: 2117894.1/32

yield_sam3_mean vs Slug



Right In: 31.889+/-0.000 χ^2/NDF : 1930403776.3/16

Left Out: 31.043+/-0.000 χ^2/NDF : 5904487691.1/14

Right Out: 21.867+/-0.000 χ^2/NDF : 230068750081.7/18

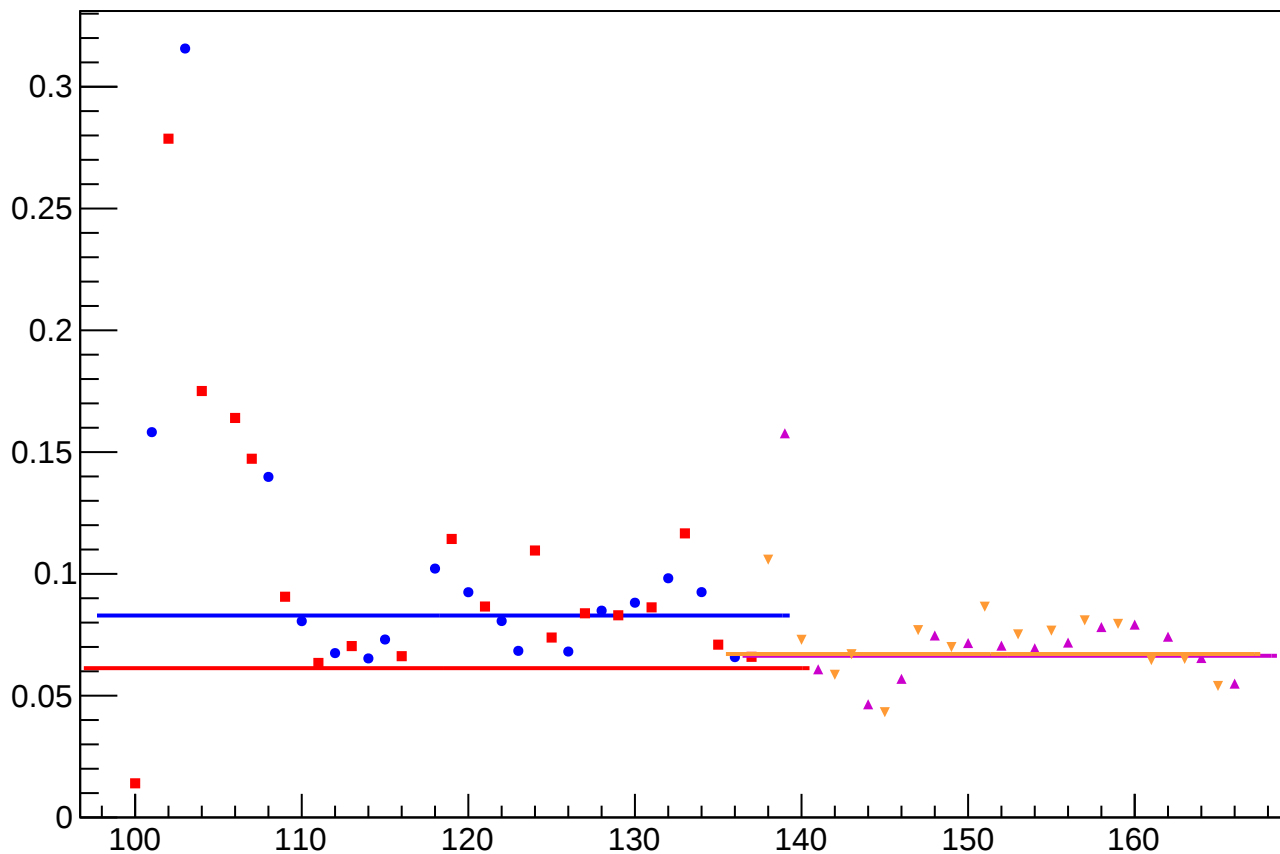
Left In: 31.561+/-0.000 χ^2/NDF : 7768502625.8/13

+ sign 31.277+/-0.000 χ^2/NDF : 8204165452.8/31

All: 29.555+/-0.000 χ^2/NDF : 324108055170.

- sign 28.043+/-0.000 χ^2/NDF : 301561855292.4/32

yield_sam3_rms vs Slug



Right In: 0.083 $\pm$ 0.000 χ^2 /NDF: 1164452.3/16

Left Out: 0.067 $\pm$ 0.000 χ^2 /NDF: 753457.6/14

Right Out: 0.061 $\pm$ 0.000 χ^2 /NDF: 3603853.3/18

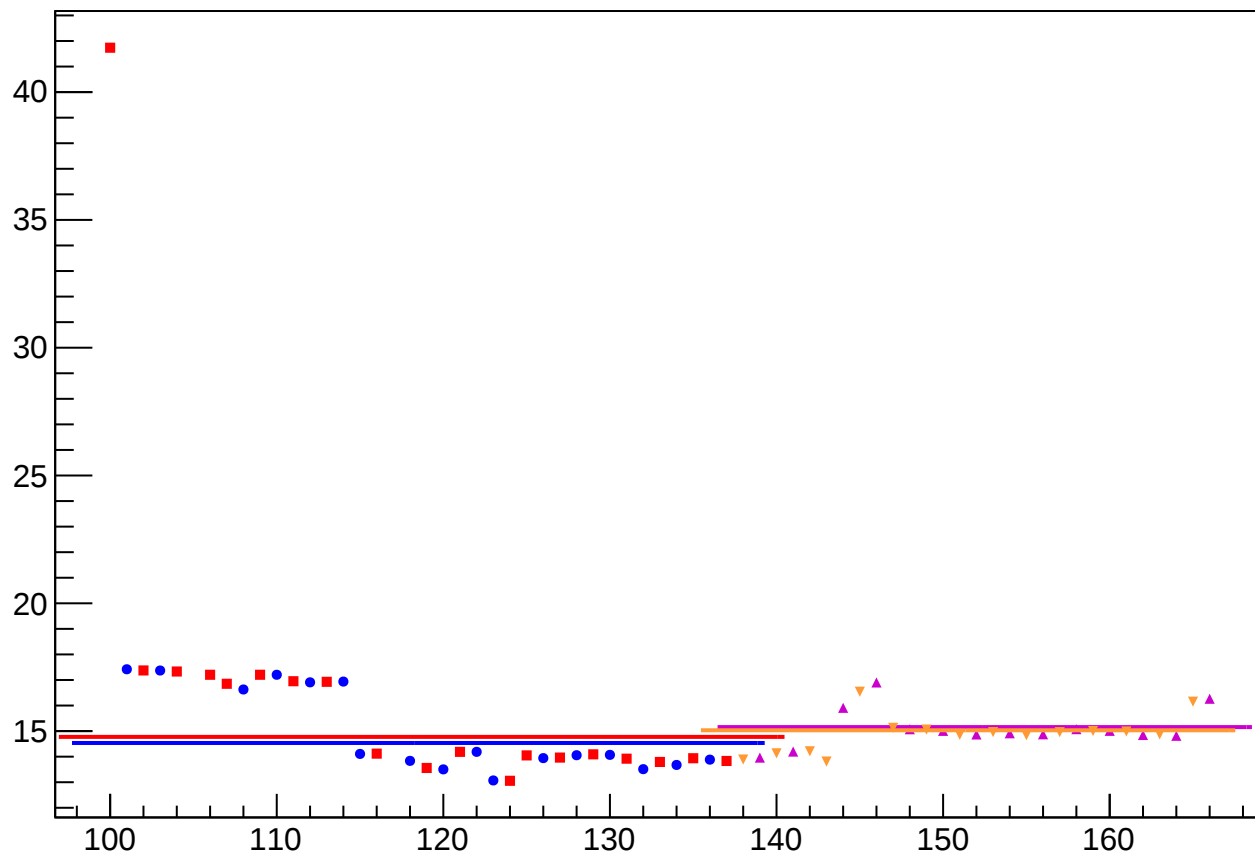
Left In: 0.066 $\pm$ 0.000 χ^2 /NDF: 890176.8/13

+ sign 0.071 $\pm$ 0.000 χ^2 /NDF: 2175398.4/31

All: 0.068 $\pm$ 0.000 χ^2 /NDF: 6836771.4/64

- sign 0.065 $\pm$ 0.000 χ^2 /NDF: 4529083.6/32

yield_sam4_mean vs Slug



Right In: 14.536+/-0.000 χ^2/NDF : 1470499792.7/16

Left Out: 15.032+/-0.000 χ^2/NDF : 1115619849.5/14

Right Out: 14.774+/-0.000 χ^2/NDF : 1886755709.2/18

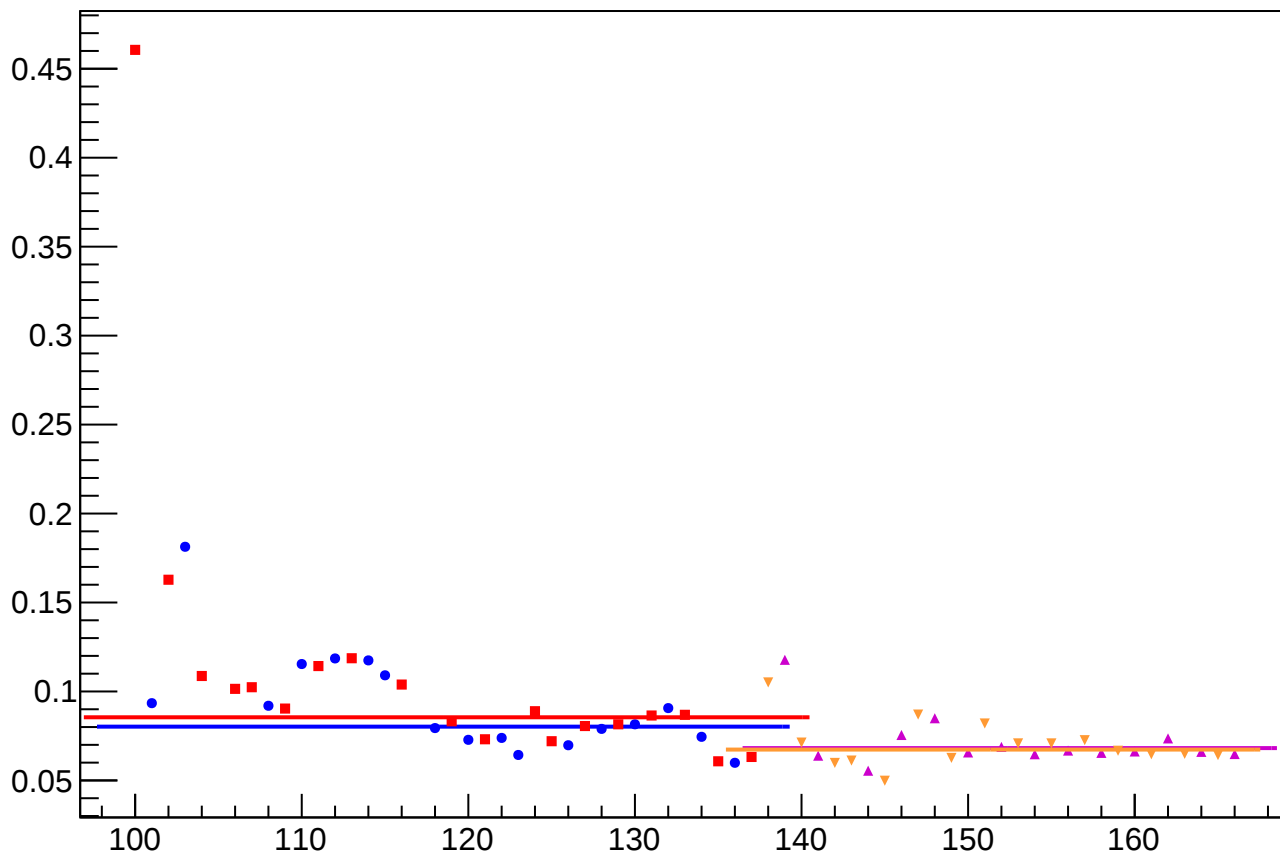
Left In: 15.157+/-0.000 χ^2/NDF : 894081430.1/13

+ sign 14.885+/-0.000 χ^2/NDF : 2734881252.3/31

All: 14.964+/-0.000 χ^2/NDF : 5635979066.6/6

- sign 15.046+/-0.000 χ^2/NDF : 2864591777.9/32

yield_sam4_rms vs Slug



Right In: 0.080 ± 0.000 χ^2/NDF : 778734.5/16

Left Out: 0.067 ± 0.000 χ^2/NDF : 477108.4/14

Right Out: 0.085 ± 0.000 χ^2/NDF : 738043.0/18

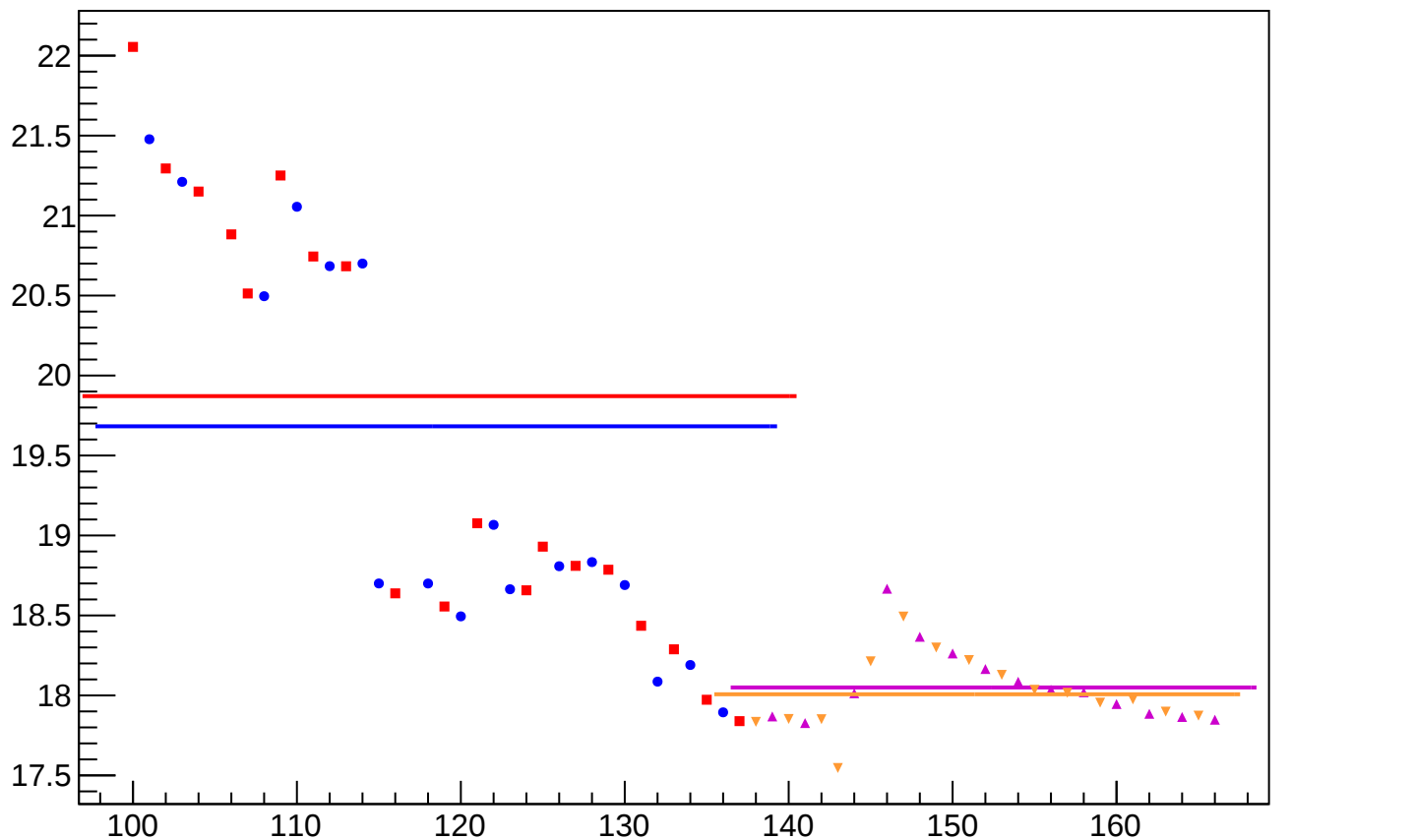
Left In: 0.068 ± 0.000 χ^2/NDF : 414470.3/13

+ sign 0.071 ± 0.000 χ^2/NDF : 1456364.2/31

All: 0.072 ± 0.000 χ^2/NDF : 2962802.4/64

- sign 0.073 ± 0.000 χ^2/NDF : 1494624.1/32

yield_sam5_mean vs Slug



Right In: 19.683+/-0.000 χ^2 /NDF: 12276801857.2/16

Left Out: 18.007+/-0.000 χ^2 /NDF: 427444076.6/14

Right Out: 19.871+/-0.000 χ^2 /NDF: 11324266794.7/18

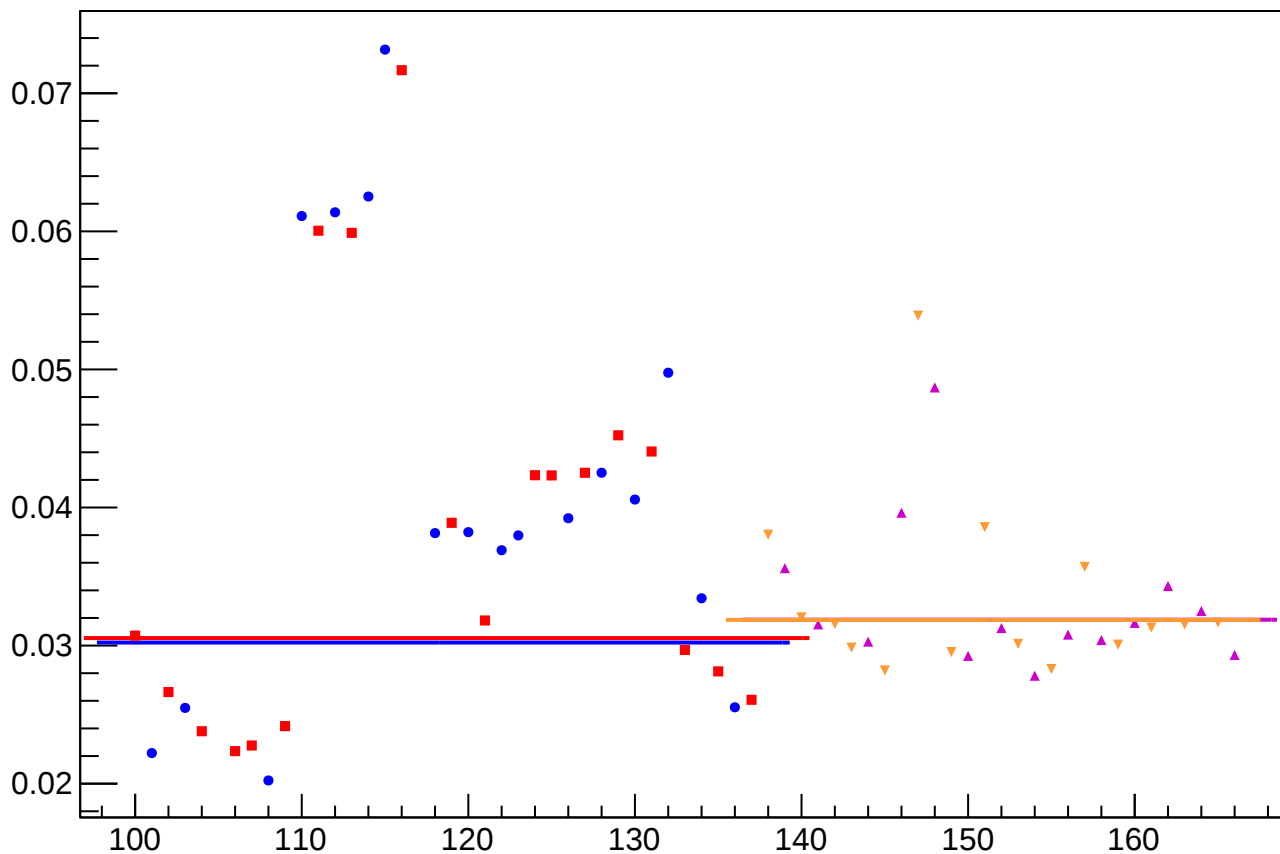
Left In: 18.050+/-0.000 χ^2 /NDF: 398519087.8/13

+ sign 18.631+/-0.000 χ^2 /NDF: 23475078404.6/31

All: 18.691+/-0.000 χ^2 /NDF: 48229090165.9

- sign 18.750+/-0.000 χ^2 /NDF: 24637888071.8/32

yield_sam5_rms vs Slug



Right In: 0.030 $\pm$ 0.000 χ^2 /NDF: 1324518.2/16

Left Out: 0.032 $\pm$ 0.000 χ^2 /NDF:424702.4/14

Right Out: 0.031 $\pm$ 0.000 χ^2 /NDF: 1189734.1/18

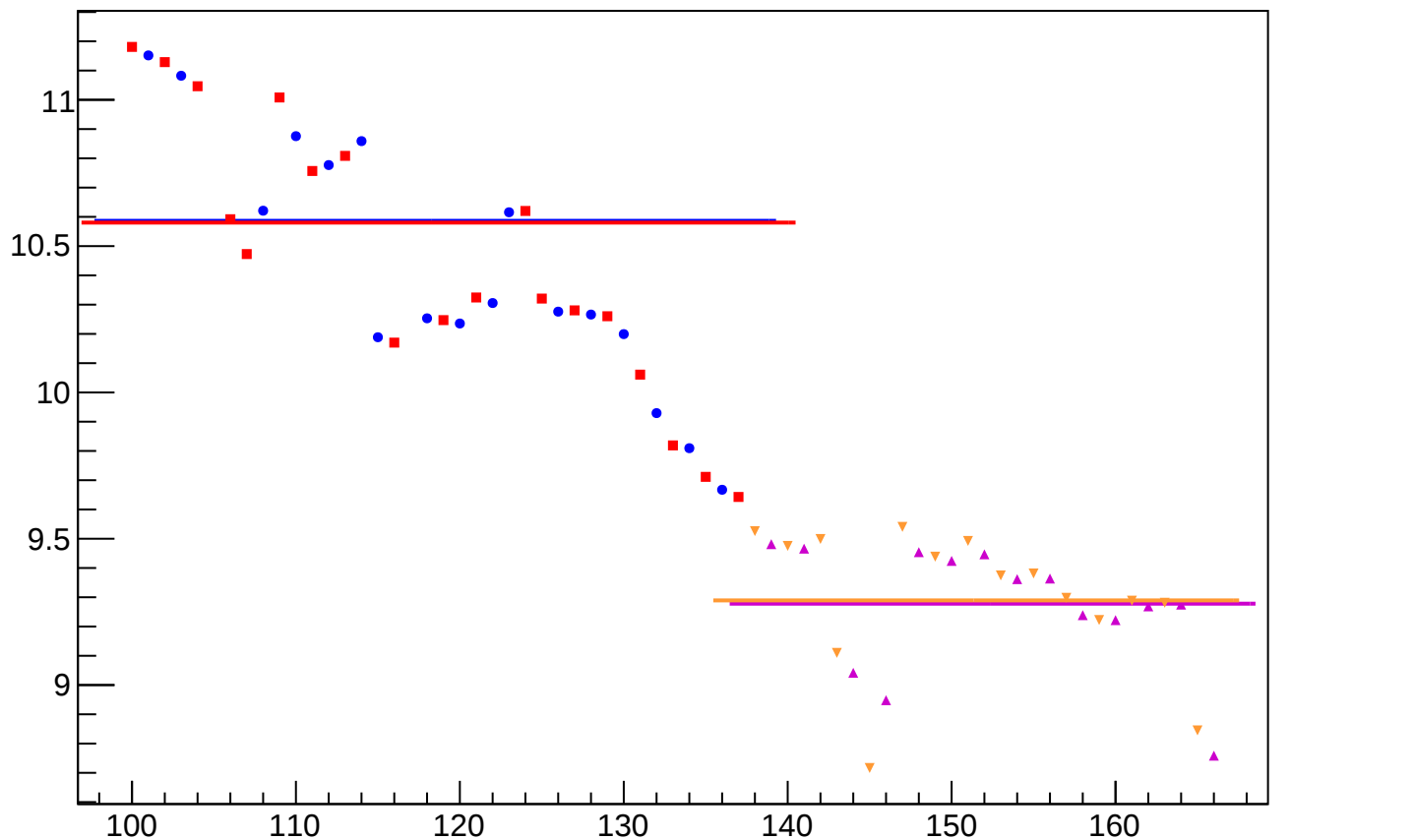
Left In: 0.032 $\pm$ 0.000 χ^2 /NDF:329930.9/13

+ sign 0.031 $\pm$ 0.000 χ^2 /NDF: 1769923.8/31

All: 0.031 $\pm$ 0.000 χ^2 /NDF: 3303548.7/64

- sign 0.031 $\pm$ 0.000 χ^2 /NDF: 1533417.1/32

yield_sam6_mean vs Slug



Right In: 10.586+/-0.000 χ^2/NDF : 7420104563.4/16

Left Out: 9.289+/-0.000 χ^2/NDF :1355798824.6/14

Right Out: 10.580+/-0.000 χ^2/NDF : 5763852721.2/18

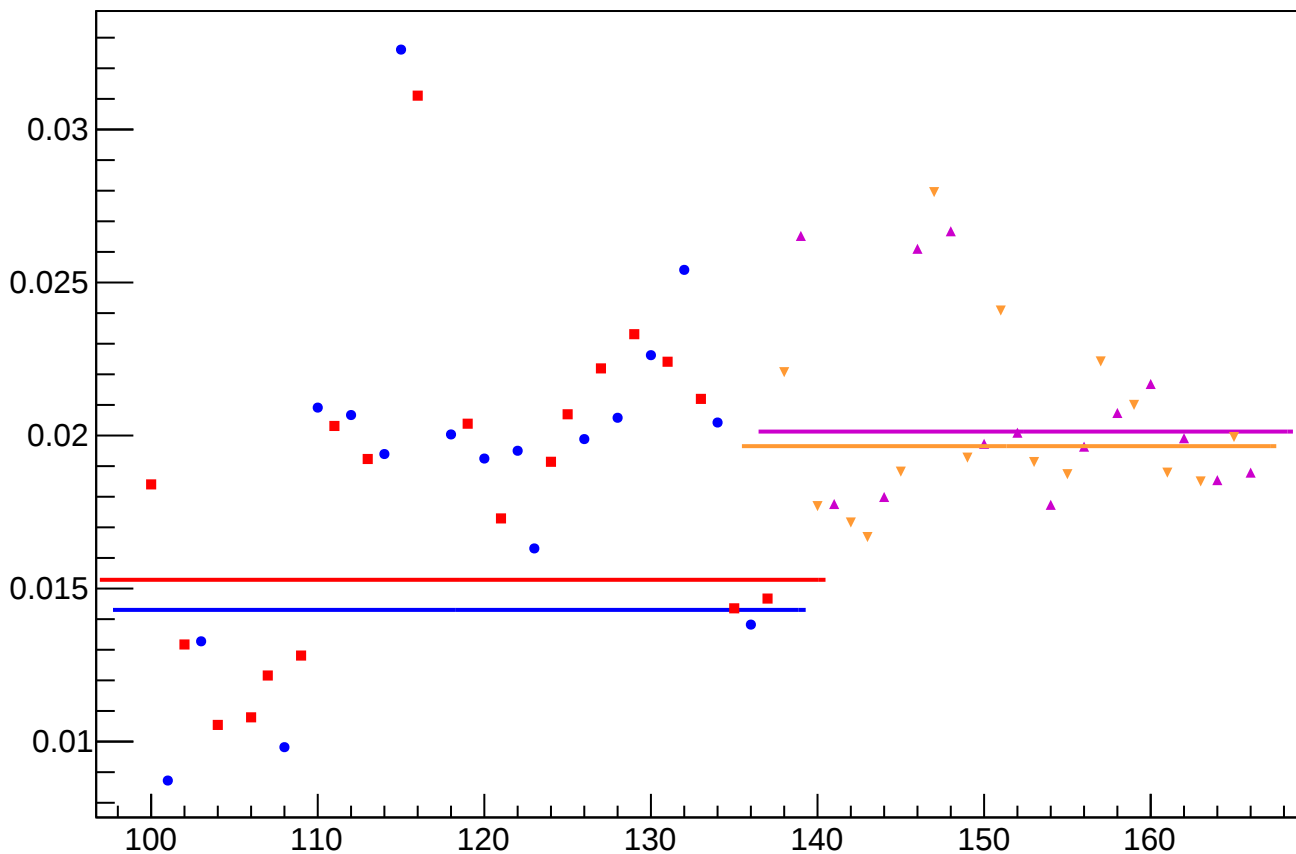
Left In: 9.278+/-0.000 χ^2/NDF :927199457.1/13

+ sign 9.938+/-0.000 χ^2/NDF : 30675361543.5/31

All: 9.940+/-0.000 χ^2/NDF : 58392897040.6/6

- sign 9.941+/-0.000 χ^2/NDF : 27717218755.5/32

yield_sam6_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1408012.0/16

Left Out: 0.020 $\pm$ 0.000 χ^2 /NDF:314136.9/14

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 989017.0/18

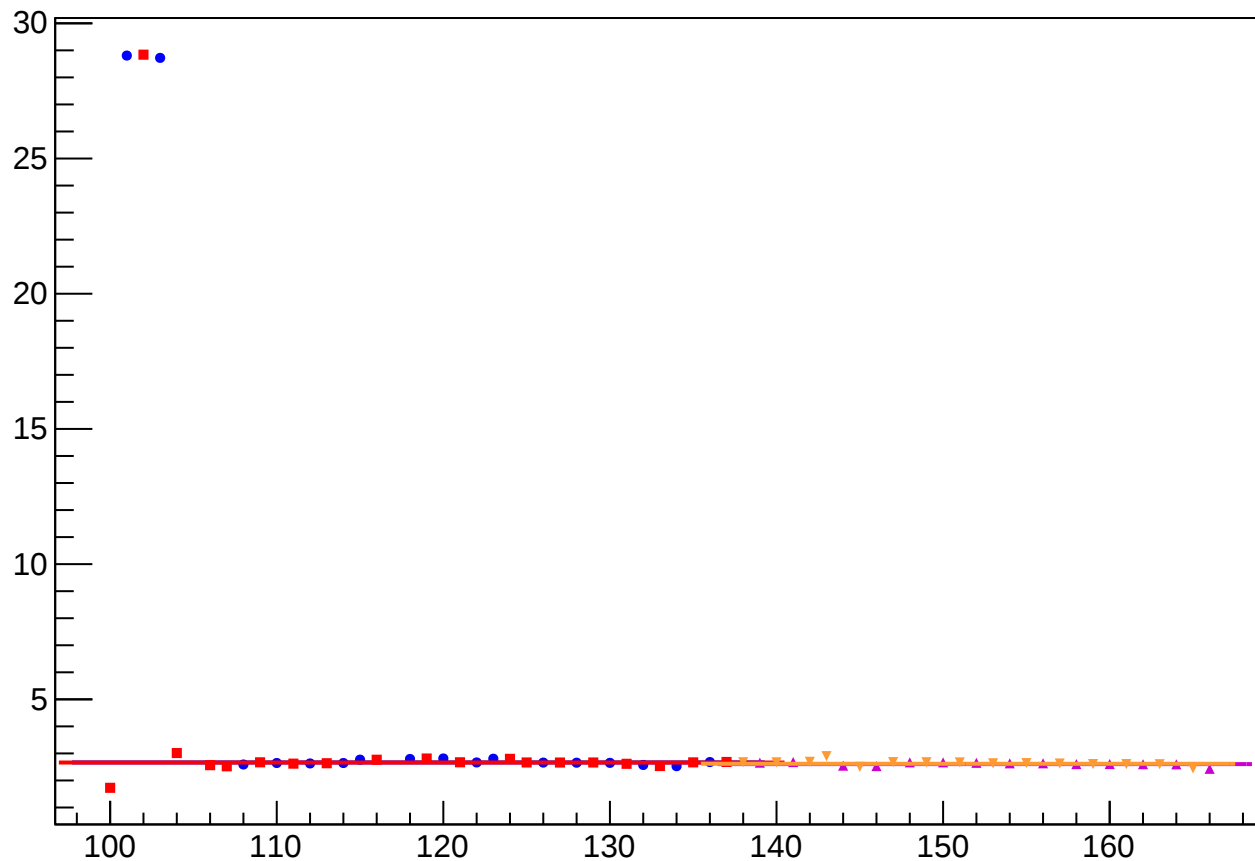
Left In: 0.020 $\pm$ 0.000 χ^2 /NDF:351418.8/13

+ sign 0.017 $\pm$ 0.000 χ^2 /NDF: 2467314.4/31

All: 0.017 $\pm$ 0.000 χ^2 /NDF: 4413126.2/64

- sign 0.018 $\pm$ 0.000 χ^2 /NDF: 1921977.3/32

yield_sam7_mean vs Slug



Right In: 2.666 $\pm$ 0.000 χ^2 /NDF: 163167327359.4/16

Left Out: 2.618 $\pm$ 0.000 χ^2 /NDF: 16034149676.5/14

Right Out: 2.664 $\pm$ 0.000 χ^2 /NDF: 70398125461.7/18

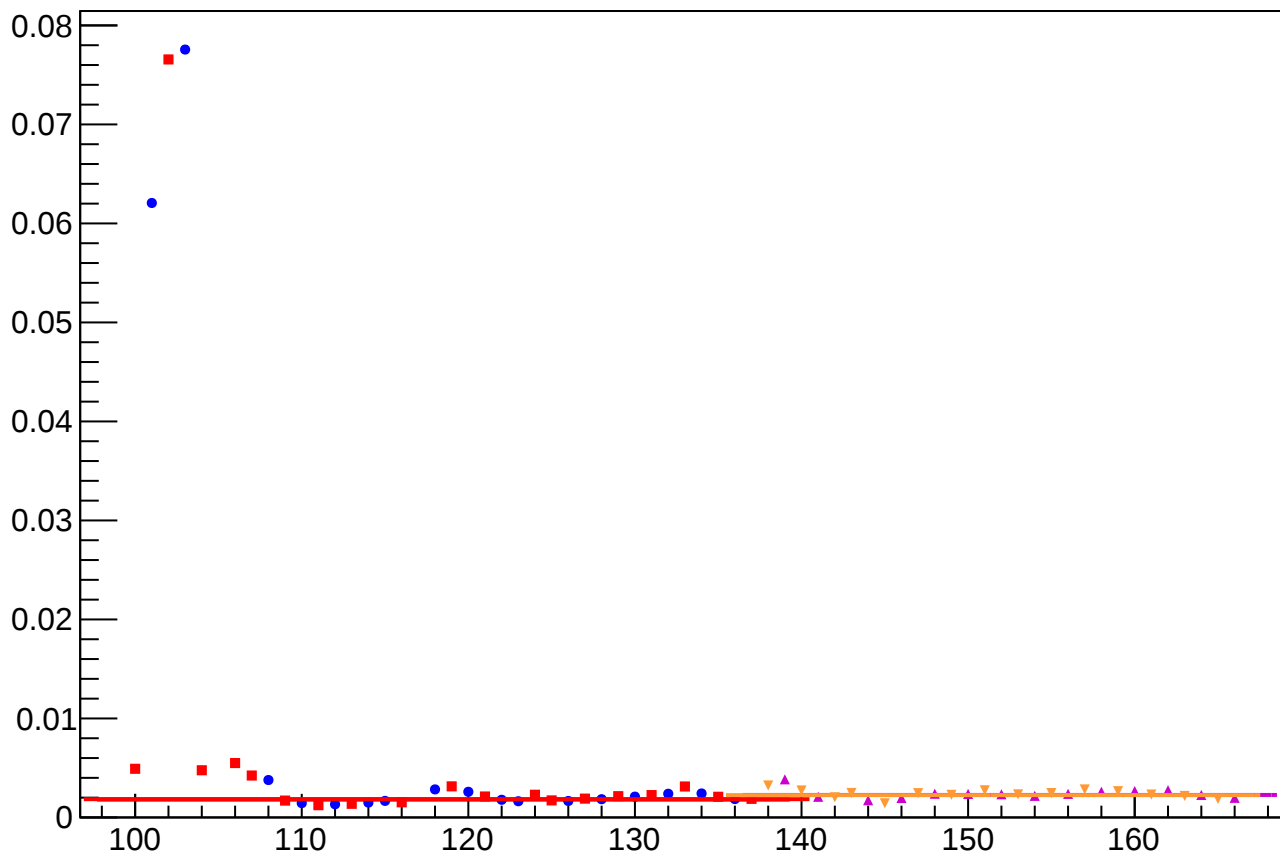
Left In: 2.605 $\pm$ 0.000 χ^2 /NDF: 7305944455.1/13

+ sign 2.639 $\pm$ 0.000 χ^2 /NDF: 180953317655.5/31

All: 2.635 $\pm$ 0.000 χ^2 /NDF: 261404265864.1

- sign 2.632 $\pm$ 0.000 χ^2 /NDF: 80364023918.4/32

yield_sam7_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2661372.0/16

Left Out: 0.002 $\pm$ 0.000 χ^2 /NDF:739988.5/14

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2331228.4/18

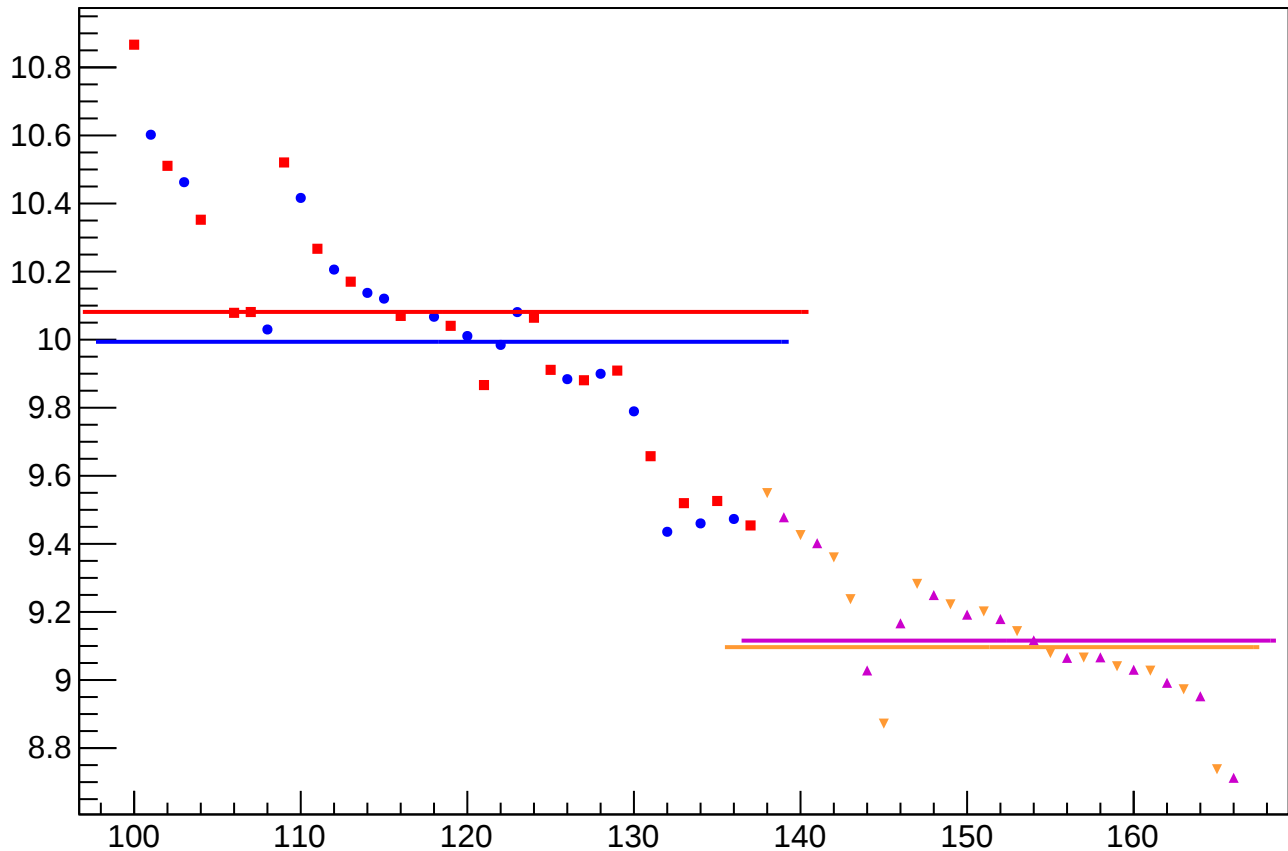
Left In: 0.002 $\pm$ 0.000 χ^2 /NDF:521650.7/13

+ sign 0.002 $\pm$ 0.000 χ^2 /NDF: 3692617.4/31

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 6828017.8/64

- sign 0.002 $\pm$ 0.000 χ^2 /NDF: 3134706.2/32

yield_sam8_mean vs Slug



Right In: 9.994 $\pm$ 0.000 χ^2 /NDF: 18815741664.6/16

Left Out: 9.097 $\pm$ 0.000 χ^2 /NDF: 7626659008.0/14

Right Out: 10.082 $\pm$ 0.000 χ^2 /NDF: 15502695798.7/18

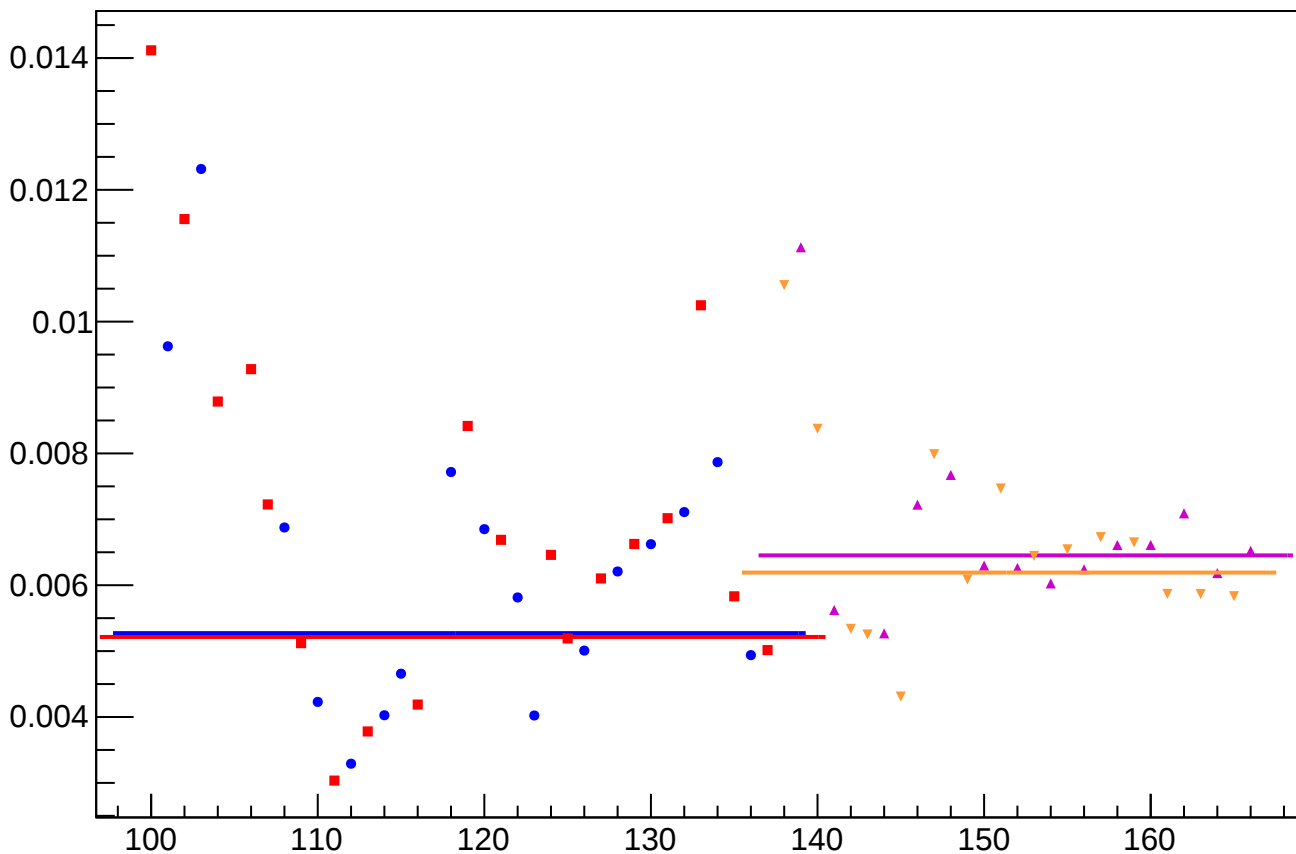
Left In: 9.116 $\pm$ 0.000 χ^2 /NDF: 4999959045.2/13

+ sign 9.492 $\pm$ 0.000 χ^2 /NDF: 107816981058.5/31

All: 9.534 $\pm$ 0.000 χ^2 /NDF: 223342732296.6

- sign 9.578 $\pm$ 0.000 χ^2 /NDF: 114044569813.5/32

yield_sam8_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1245563.1/16

Left Out: 0.006+/-0.000 χ^2/NDF : 682360.5/14

Right Out: 0.005+/-0.000 χ^2/NDF : 1657948.7/18

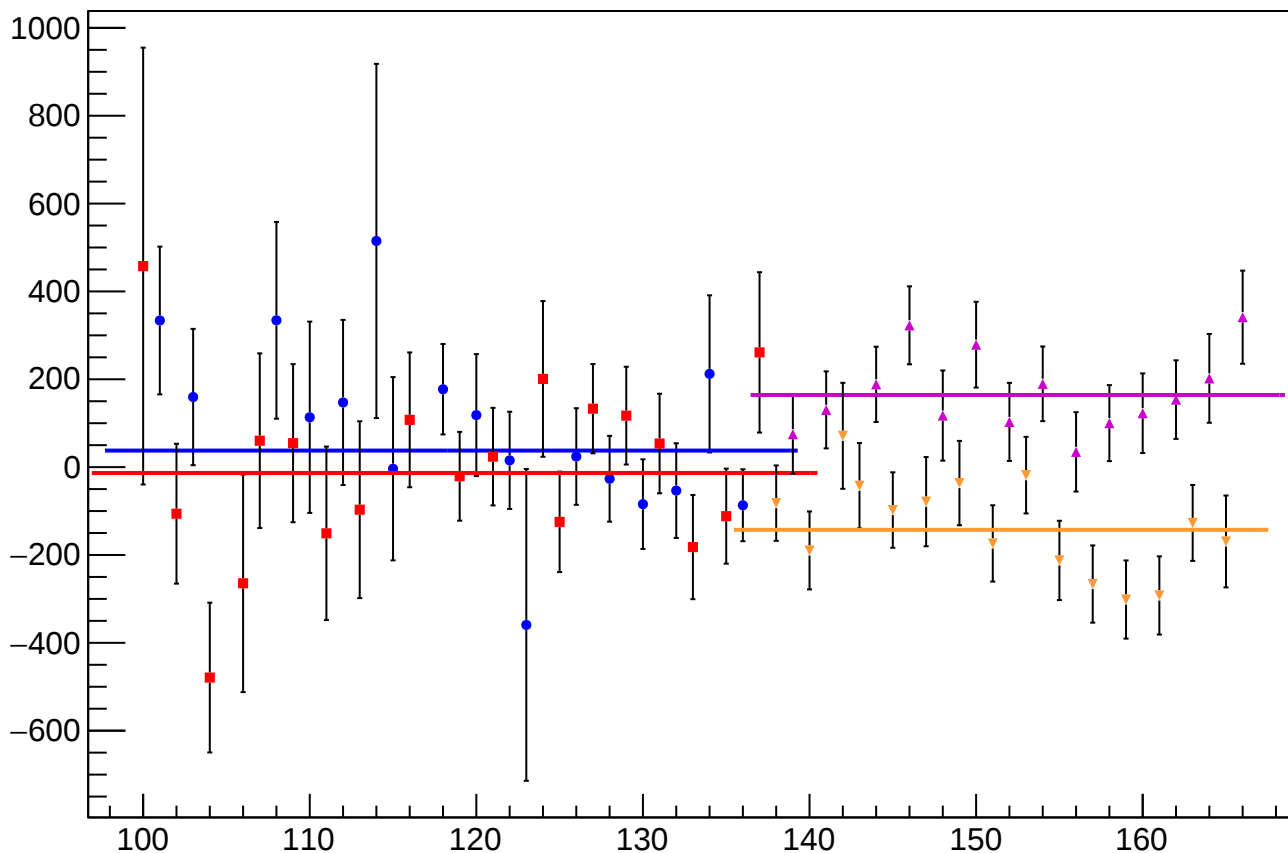
Left In: 0.006+/-0.000 χ^2/NDF : 403729.3/13

+ sign 0.006+/-0.000 χ^2/NDF : 2098723.5/31

All: 0.006+/-0.000 χ^2/NDF : 4469892.5/64

- sign 0.006+/-0.000 χ^2/NDF : 2368953.3/32

reg_asym_sam1_mean vs Slug



Right In: 37.694 ± 32.253 χ^2/NDF : 16.7/16

Left Out: -142.714 ± 23.753 χ^2/NDF : 17.7/14

Right Out: -13.278 ± 32.066 χ^2/NDF : 22.7/18

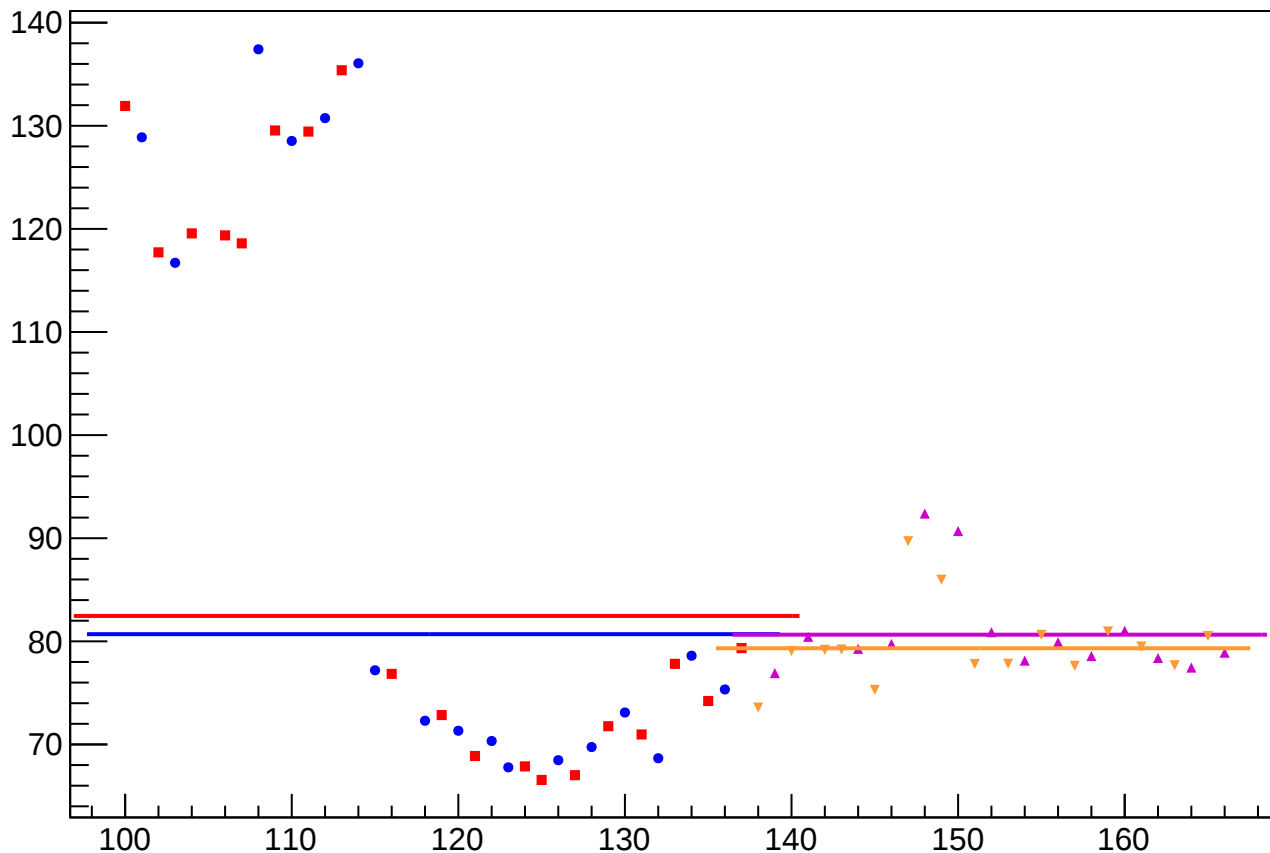
Left In: 164.312 ± 24.470 χ^2/NDF : 12.3/13

+ sign -79.274 ± 19.126 χ^2/NDF : 54.7/31

All: 8.332 ± 13.638 χ^2/NDF : 151.8/64

- sign 98.956 ± 19.453 χ^2/NDF : 54.4/32

reg_asym_sam1_rms vs Slug



Right In: 80.694 $\pm$ 0.023 χ^2 /NDF: 814026.4/16

Left Out: 79.328 $\pm$ 0.017 χ^2 /NDF: 47990.4/14

Right Out: 82.464 $\pm$ 0.023 χ^2 /NDF: 914878.0/18

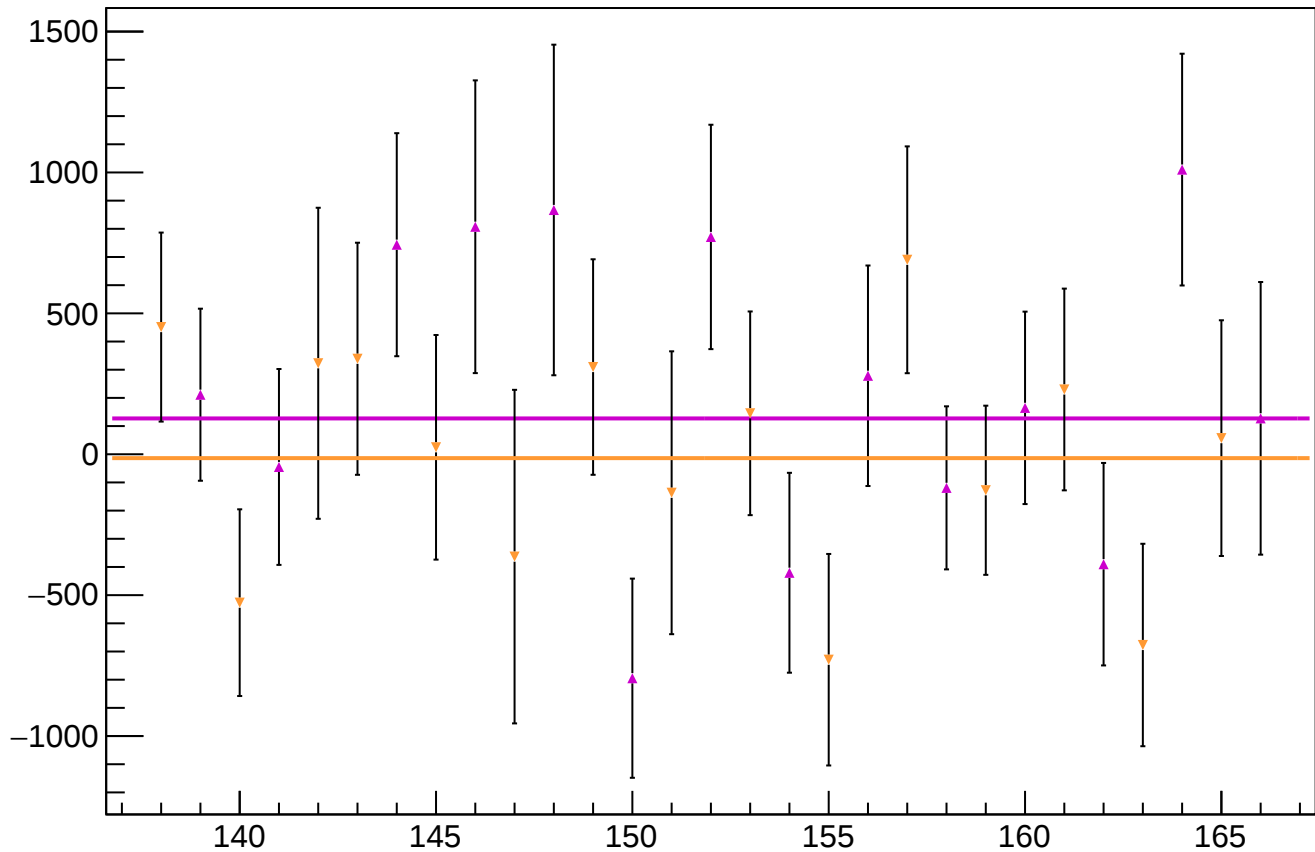
Left In: 80.646 $\pm$ 0.017 χ^2 /NDF: 58419.3/13

+ sign 79.808 $\pm$ 0.014 χ^2 /NDF: 864345.2/31

All: 80.549 $\pm$ 0.010 χ^2 /NDF: 1847804.9/64

- sign 81.315 $\pm$ 0.014 χ^2 /NDF: 977359.5/32

asym_sam1_correction_mean vs Slug



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

Left Out: -13.765 $\pm$ 99.780 χ^2 /NDF:17.5/14

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

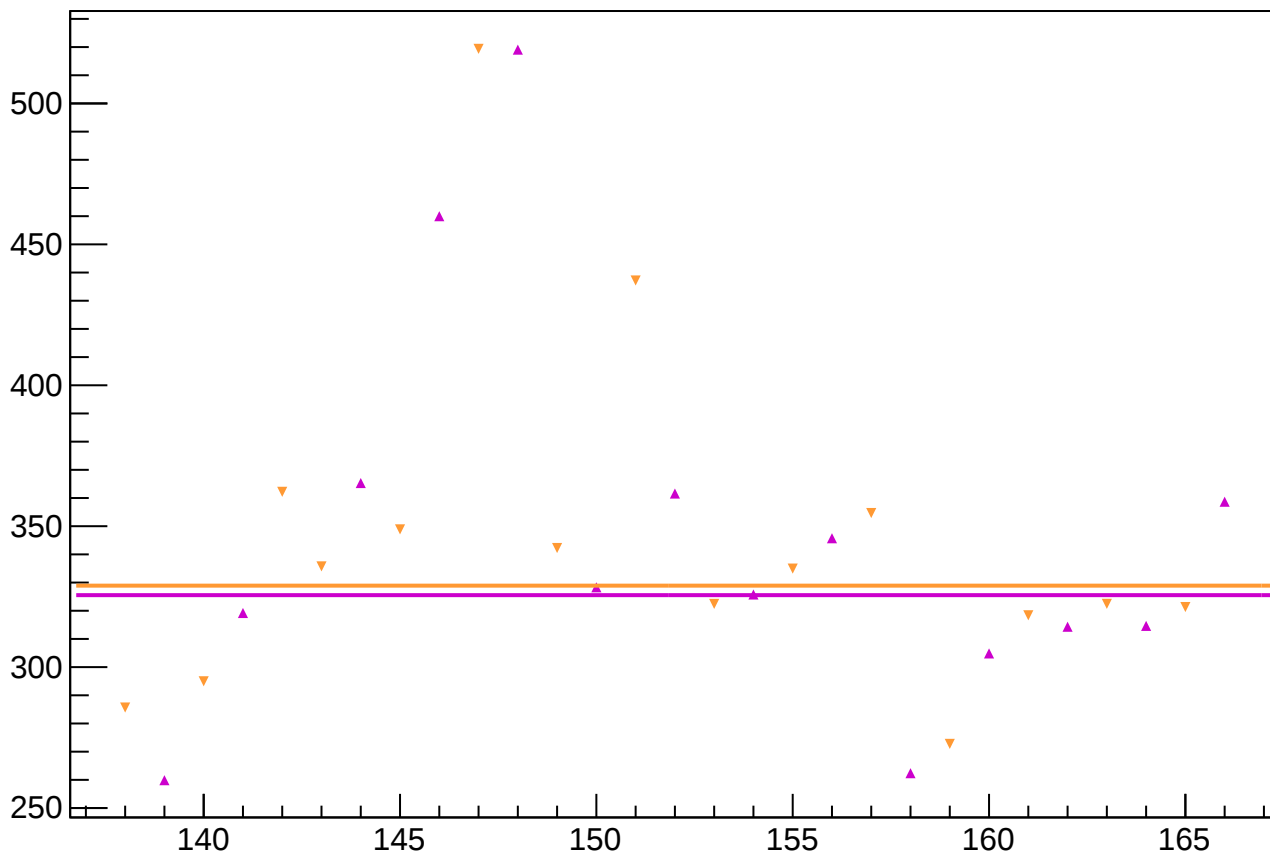
Left In: 127.102 $\pm$ 100.372 χ^2 /NDF:25.4/13

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

All: 56.252 $\pm$ 70.764 χ^2 /NDF: 43.9/28

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

asym_sam1_correction_rms vs Slug



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

Left Out: 328.909+/-0.071 χ^2/NDF : 452086.1/14

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

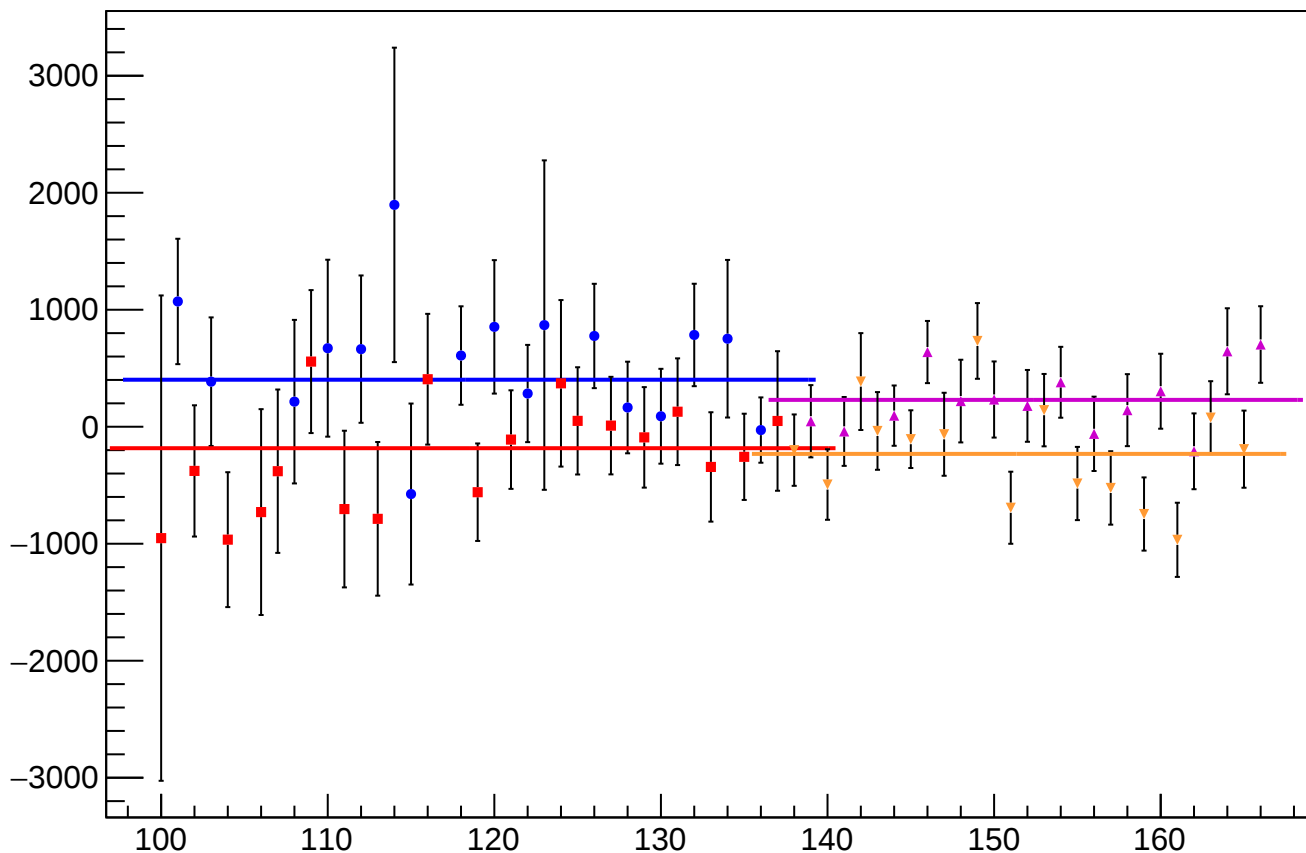
Left In: 325.536+/-0.071 χ^2/NDF : 602432.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.233+/-0.050 χ^2/NDF : 1055655.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 401.871+/-121.048 χ^2/NDF : 10.9/16

Left Out: -232.105+/-81.208 χ^2/NDF : 27.0/14

Right Out: -183.481+/-120.338 χ^2/NDF : 9.3/18

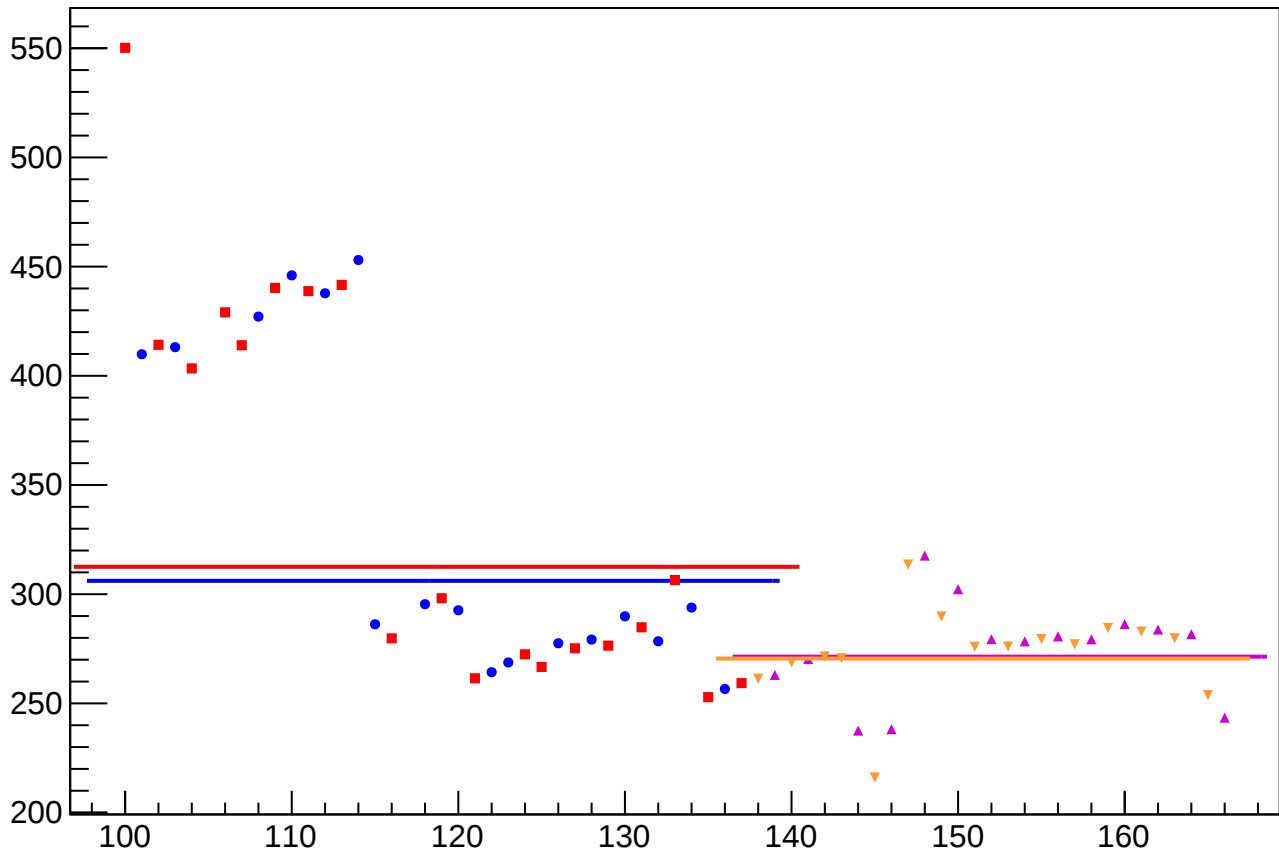
Left In: 229.554+/-82.567 χ^2/NDF : 10.3/13

+ sign -35.331+/-67.438 χ^2/NDF : 56.8/31

All: 30.378+/-47.912 χ^2/NDF : 86.4/64

- sign 97.349+/-68.082 χ^2/NDF : 27.6/32

reg_asym_sam2_rms vs Slug



Right In: 306.123+/-0.086 χ^2/NDF : 508435.8/16

Left Out: 270.534+/-0.057 χ^2/NDF : 153609.3/14

Right Out: 312.543+/-0.085 χ^2/NDF : 625769.8/18

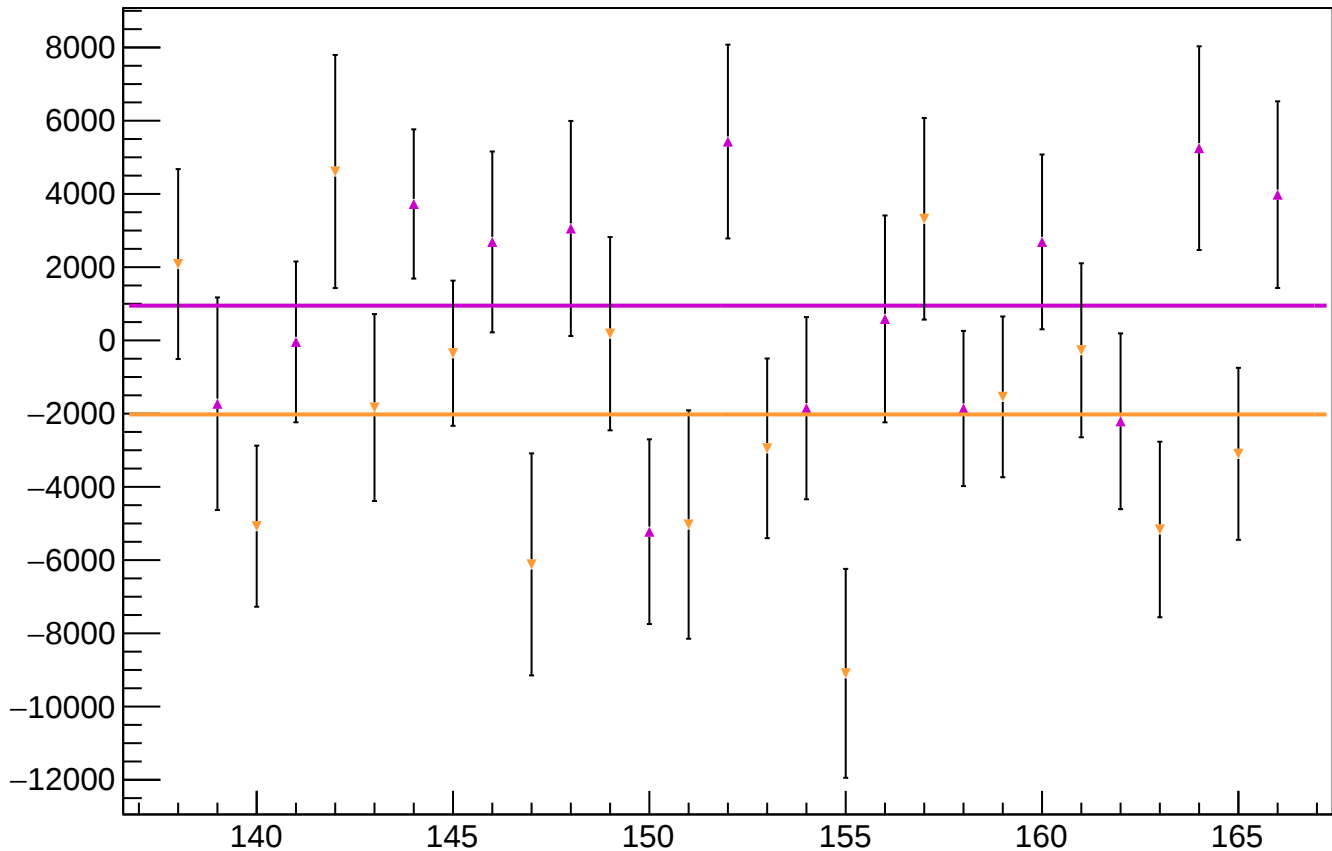
Left In: 271.400+/-0.058 χ^2/NDF : 148509.2/13

+ sign 281.580+/-0.048 χ^2/NDF : 781272.8/31

All: 283.060+/-0.034 χ^2/NDF : 1716449.8/64

- sign 284.569+/-0.048 χ^2/NDF : 933231.5/32

asym_sam2_correction_mean vs Slug



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

Left Out: -2021.521 $\pm$ 648.503 χ^2 /NDF:25.5/14

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

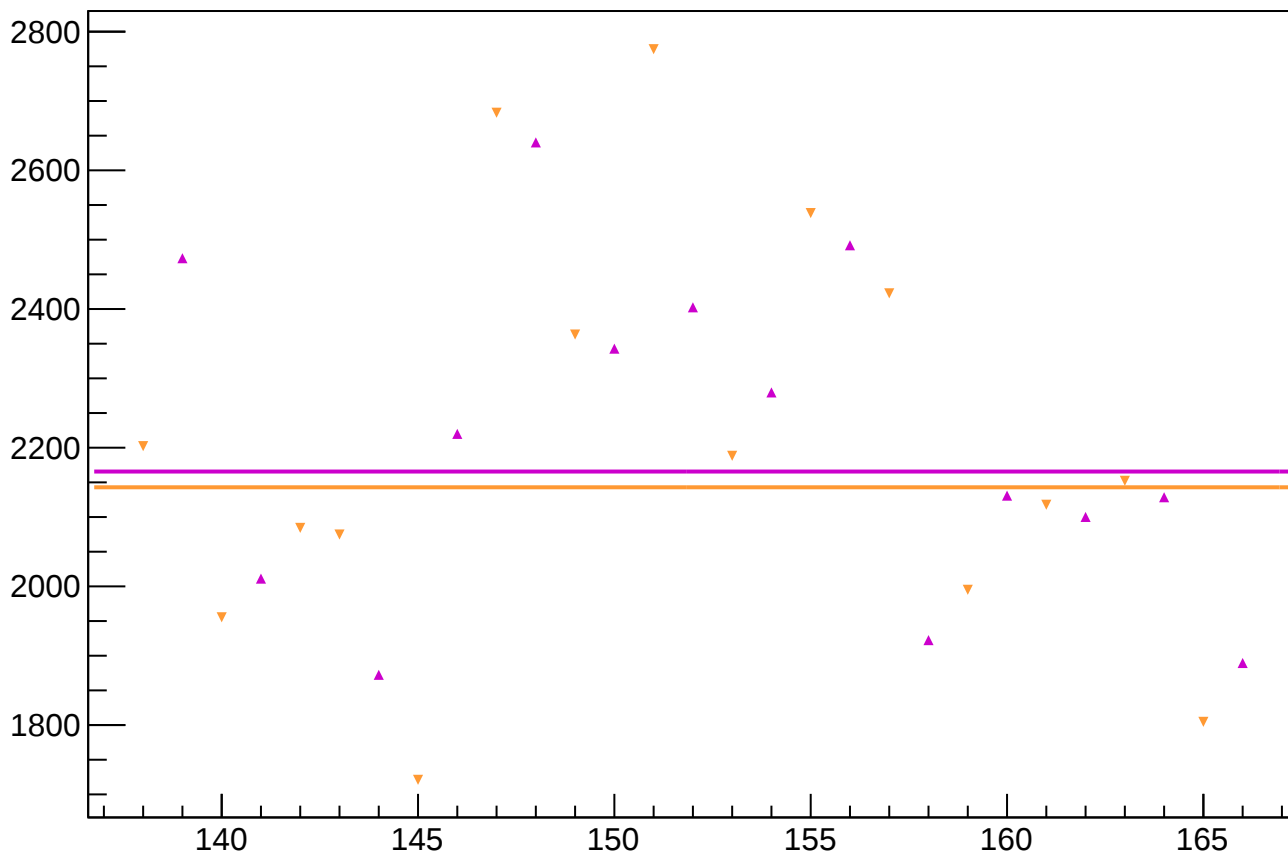
Left In: 949.592 $\pm$ 661.047 χ^2 /NDF:21.9/13

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

All: -564.422 $\pm$ 462.932 χ^2 /NDF: 57.7/28

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

asym_sam2_correction_rms vs Slug



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

Left Out: 2142.899+/-0.459 χ^2/NDF : 378263.8/14

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

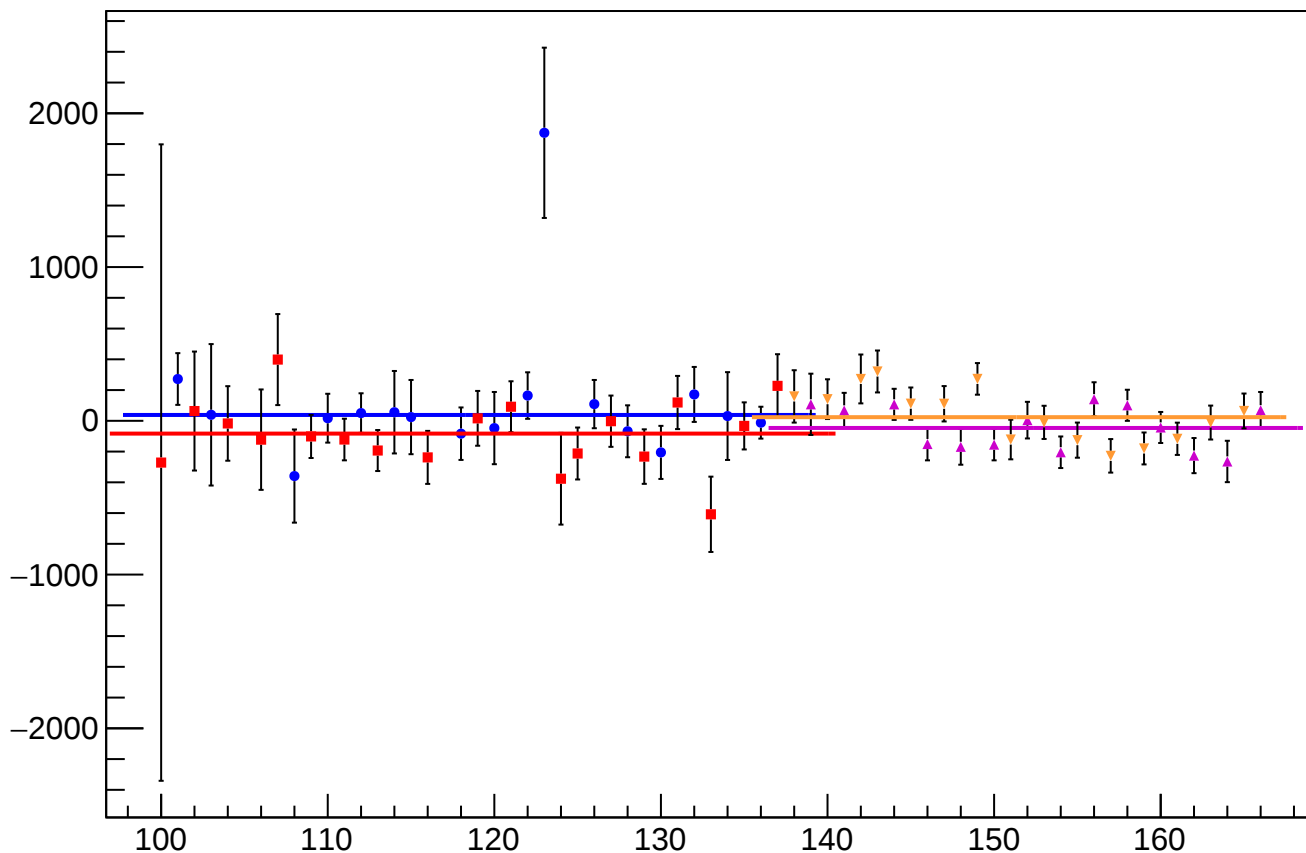
Left In: 2165.617+/-0.467 χ^2/NDF : 235790.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2154.041+/-0.327 χ^2/NDF : 615258.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug



Right In: 38.126+/-43.548 χ^2/NDF : 19.4/16

Left Out: 23.712+/-30.167 χ^2/NDF :30.0/14

Right Out: -83.101+/-43.098 χ^2/NDF : 16.7/18

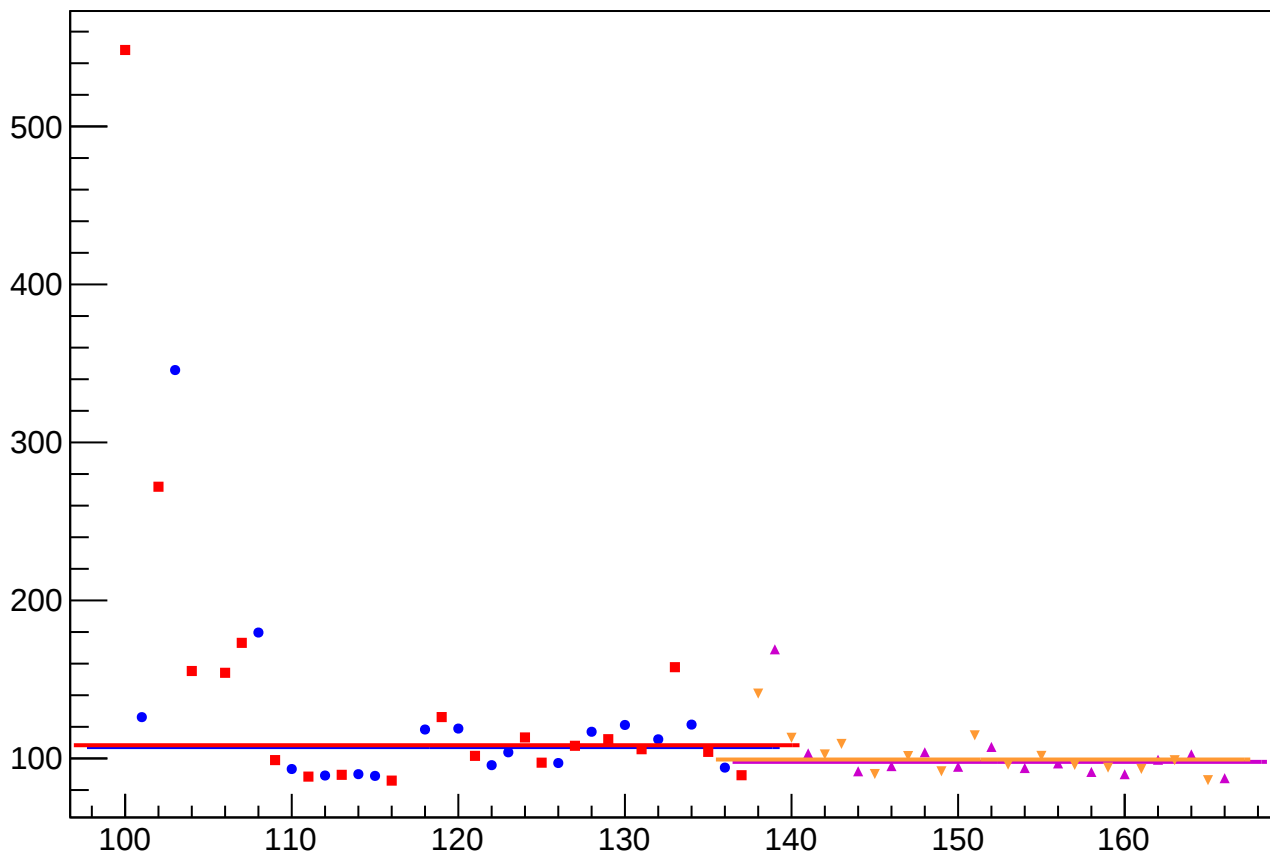
Left In: -46.434+/-30.095 χ^2/NDF :20.7/13

+ sign 28.386+/-24.798 χ^2/NDF : 49.5/31

All: -15.250+/-17.491 χ^2/NDF : 93.6/64

- sign -58.453+/-24.675 χ^2/NDF : 37.9/32

reg_asym_sam3_rms vs Slug



Right In: 107.189 $\pm$ 0.031 χ^2 /NDF: 843115.1/16

Left Out: 99.318 $\pm$ 0.021 χ^2 /NDF: 251370.8/14

Right Out: 108.359 $\pm$ 0.030 χ^2 /NDF: 917287.7/18

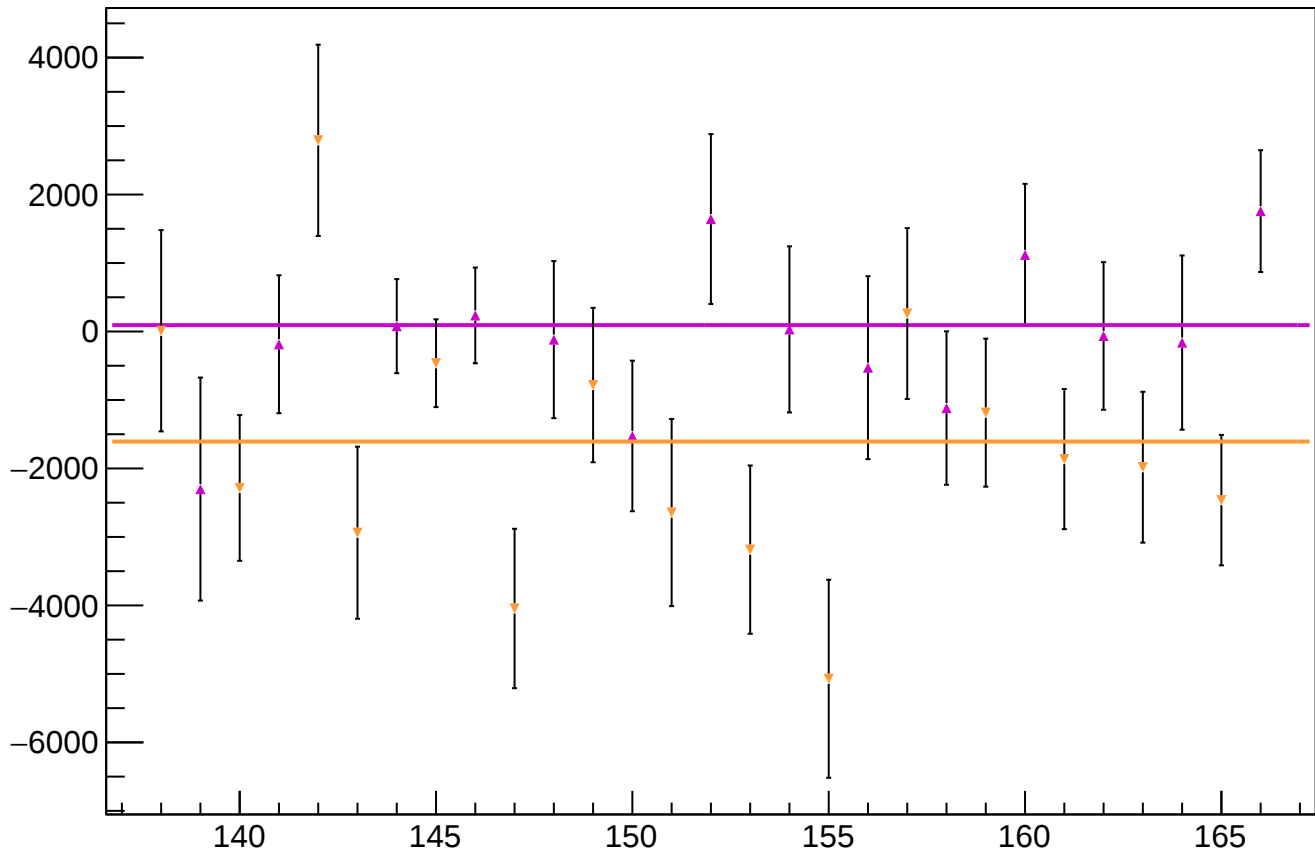
Left In: 97.830 $\pm$ 0.021 χ^2 /NDF: 328864.3/13

+ sign 101.871 $\pm$ 0.018 χ^2 /NDF: 1138631.6/31

All: 101.574 $\pm$ 0.012 χ^2 /NDF: 2465592.8/64

- sign 101.281 $\pm$ 0.017 χ^2 /NDF: 1326393.5/32

asym_sam3_correction_mean vs Slug



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

Left Out: -1606.889+/-282.781 χ^2/NDF : 32.1/14

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

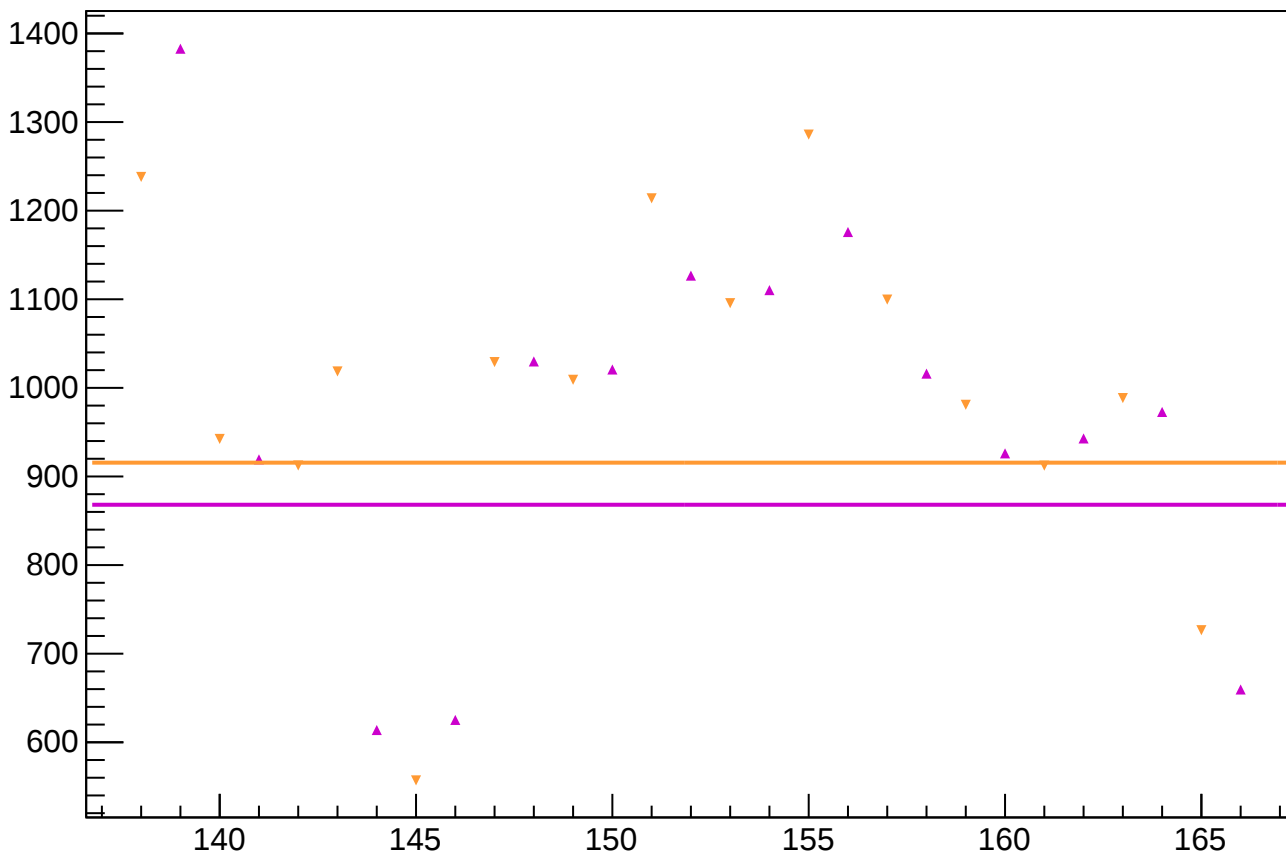
Left In: 92.988+/-272.408 χ^2/NDF : 12.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -725.203+/-196.186 χ^2/NDF : 62.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug



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

Left Out: 915.595+/-0.200 χ^2/NDF :1177241.4/14

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

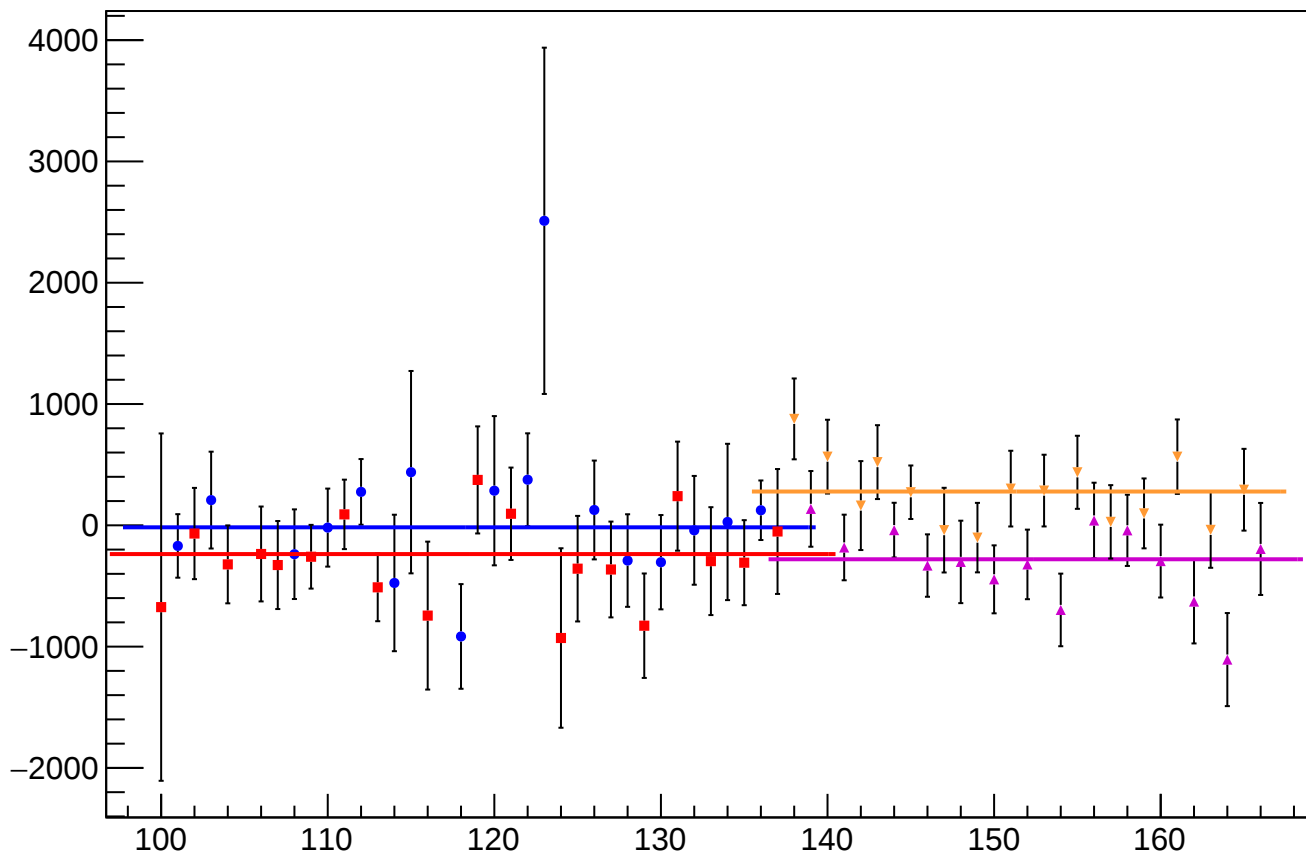
Left In: 868.088+/-0.193 χ^2/NDF :1245983.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.954+/-0.139 χ^2/NDF : 2452502.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug



Right In: -16.459 ± 93.285 χ^2/NDF : 13.4/16

Left Out: 278.682 ± 78.012 χ^2/NDF : 10.7/14

Right Out: -236.984 ± 88.937 χ^2/NDF : 10.3/18

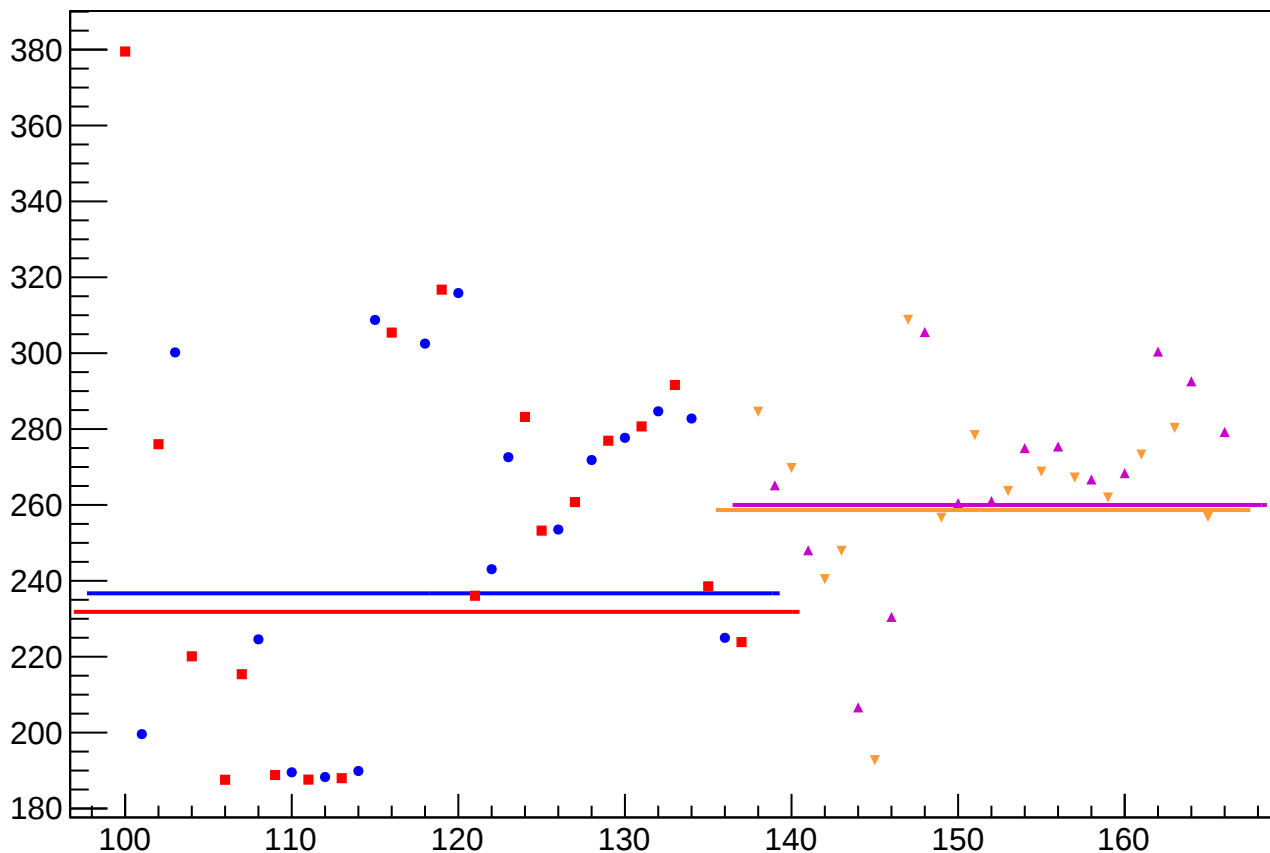
Left In: -279.837 ± 79.418 χ^2/NDF : 12.8/13

+ sign 157.218 ± 59.844 χ^2/NDF : 30.0/31

All: -53.930 ± 42.100 χ^2/NDF : 78.0/64

- sign -260.825 ± 59.238 χ^2/NDF : 23.3/32

reg_asym_sam4_rms vs Slug



Right In: 236.706 $\pm$ 0.066 χ^2 /NDF: 390344.9/16

Left Out: 258.655 $\pm$ 0.055 χ^2 /NDF: 269078.5/14

Right Out: 231.828 $\pm$ 0.063 χ^2 /NDF: 443276.3/18

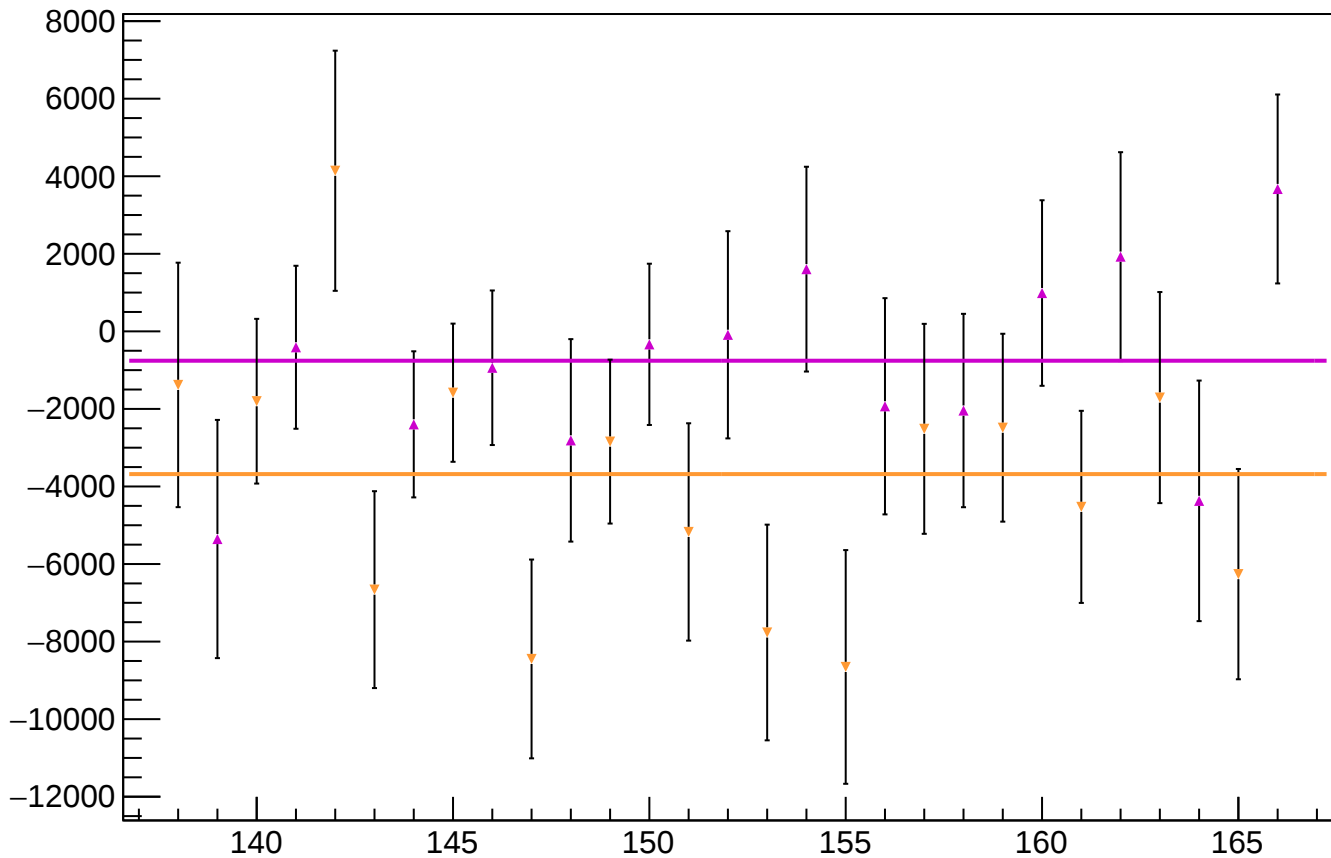
Left In: 259.995 $\pm$ 0.056 χ^2 /NDF: 238249.6/13

+ sign 249.622 $\pm$ 0.042 χ^2 /NDF: 724580.2/31

All: 248.550 $\pm$ 0.030 χ^2 /NDF: 1518982.0/64

- sign 247.499 $\pm$ 0.042 χ^2 /NDF: 793130.0/32

asym_sam4_correction_mean vs Slug



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

Left Out: -3680.764+/-648.121 χ^2/NDF : 21.2/14

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

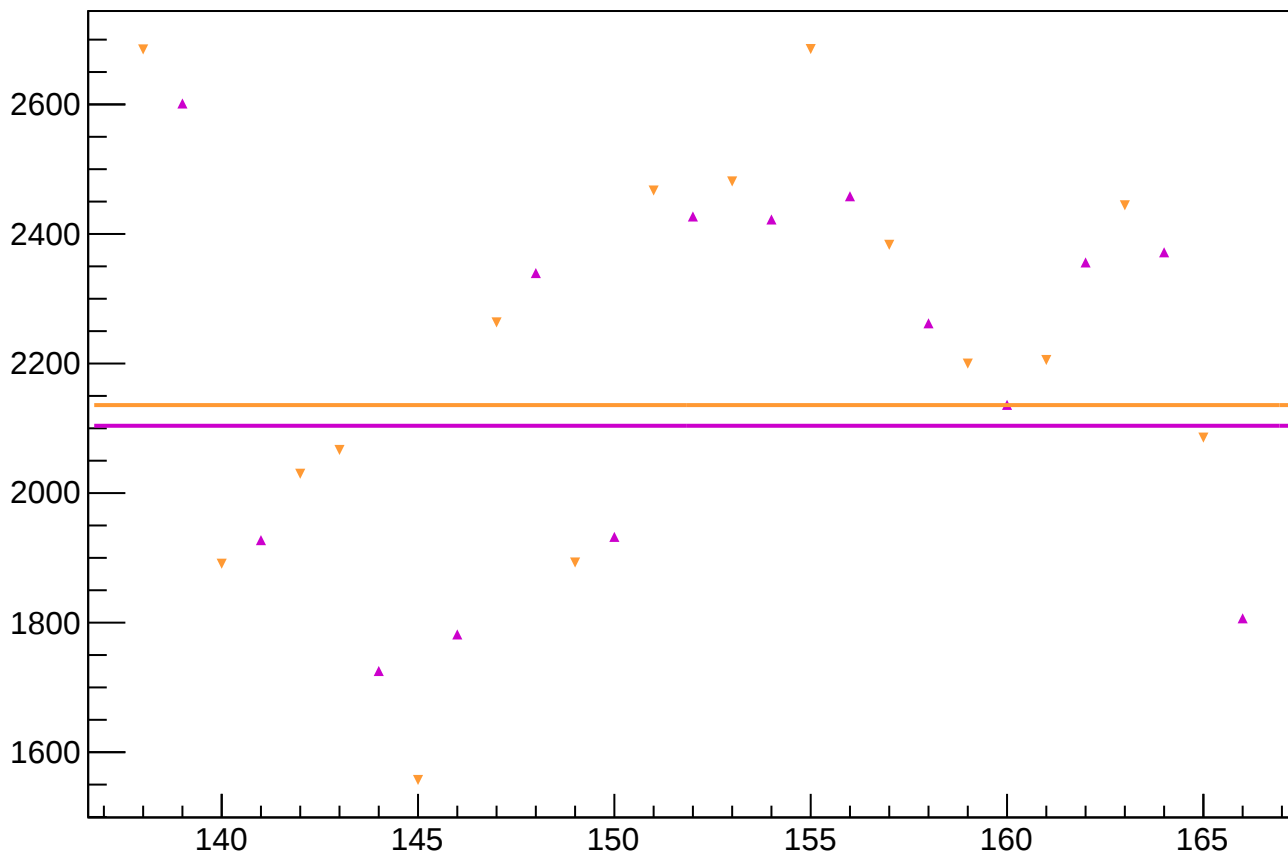
Left In: -757.255+/-645.220 χ^2/NDF : 11.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2212.451+/-457.262 χ^2/NDF : 42.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_correction_rms vs Slug



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

Left Out: 2135.835+/-0.458 χ^2/NDF : 504884.6/14

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

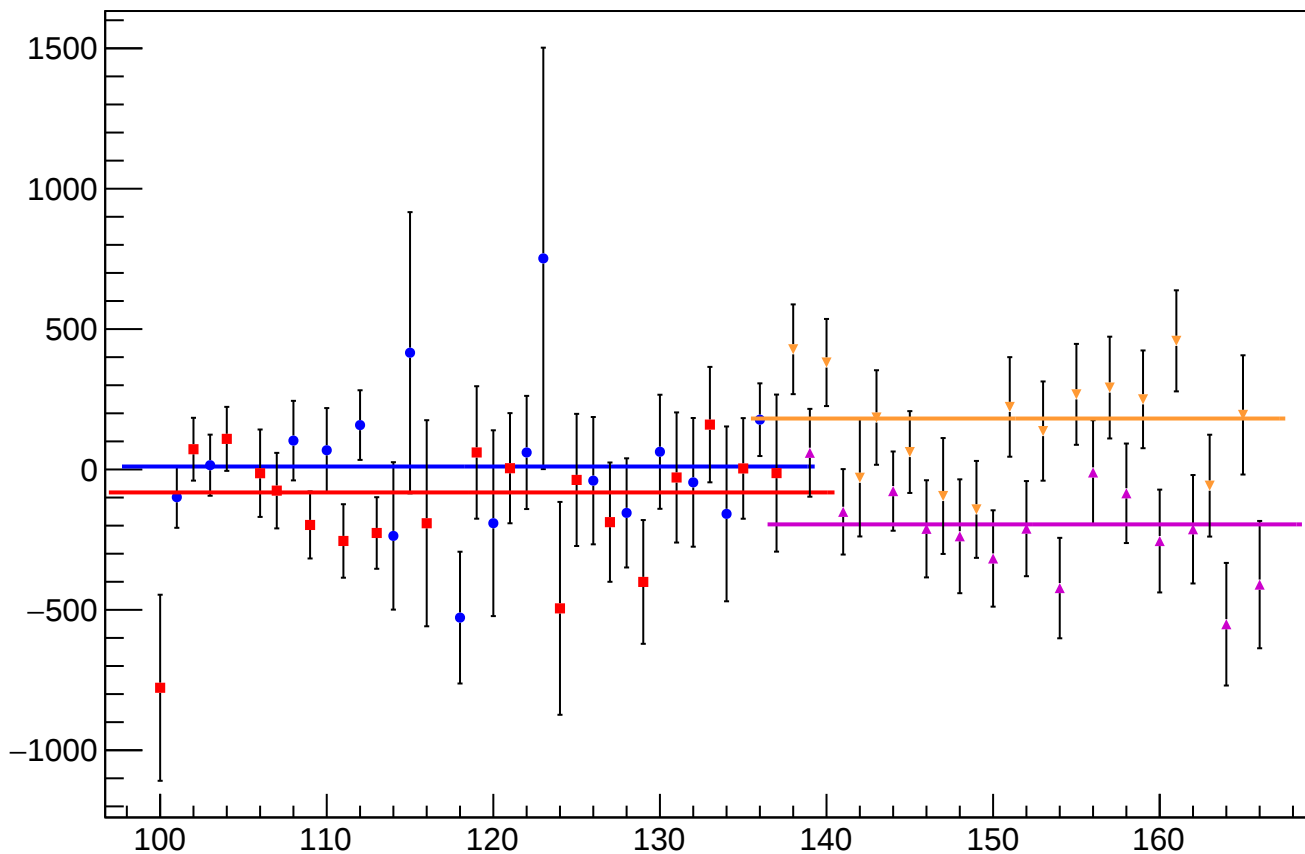
Left In: 2103.925+/-0.456 χ^2/NDF : 390799.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2119.808+/-0.323 χ^2/NDF : 898119.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug



Right In: 10.530 ± 42.294 χ^2/NDF : 14.1/16

Left Out: 181.447 ± 45.427 χ^2/NDF : 16.0/14

Right Out: -81.802 ± 38.985 χ^2/NDF : 19.2/18

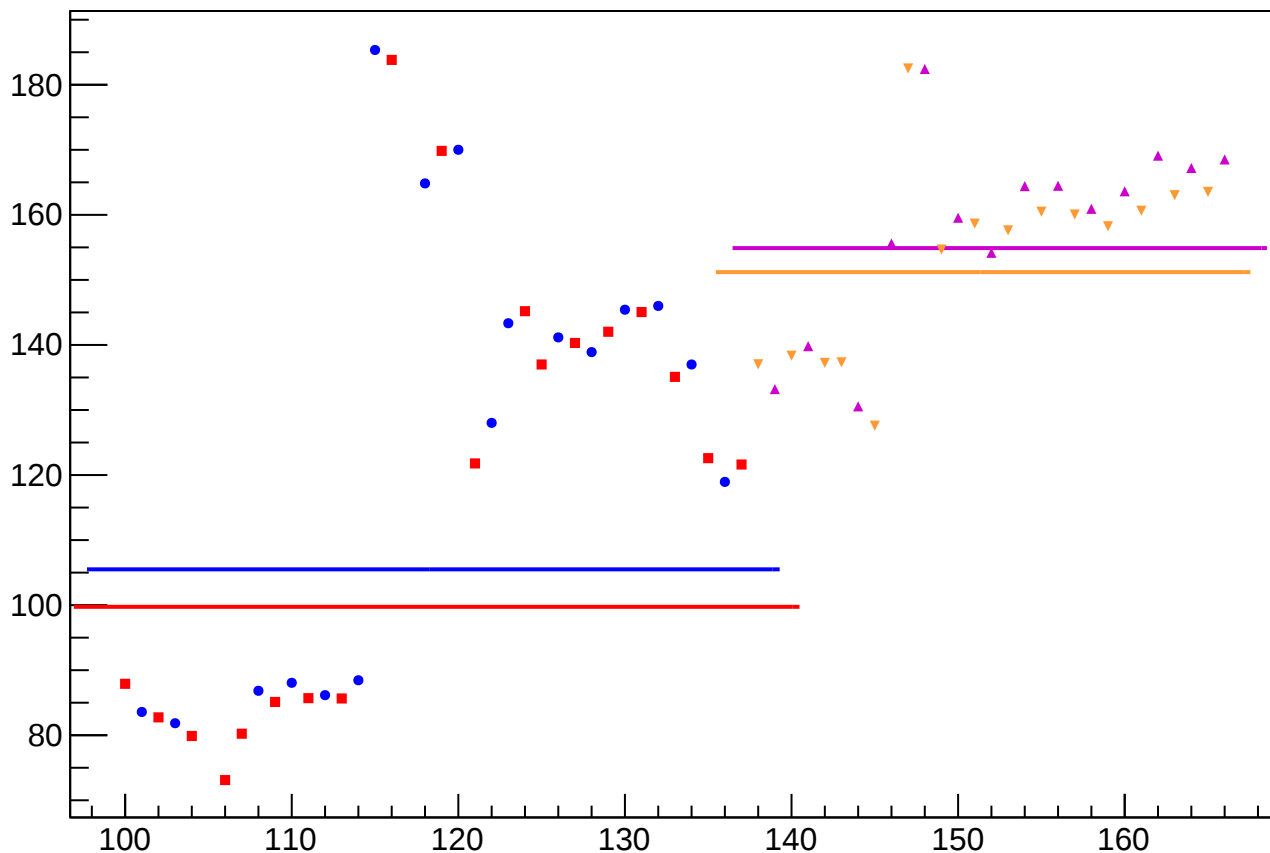
Left In: -195.573 ± 47.151 χ^2/NDF : 10.7/13

+ sign 89.893 ± 30.955 χ^2/NDF : 37.6/31

All: -22.300 ± 21.560 χ^2/NDF : 96.5/64

- sign -127.997 ± 30.045 χ^2/NDF : 33.3/32

reg_asym_sam5_rms vs Slug



Right In: 105.503 $\pm$ 0.030 χ^2 /NDF: 869022.6/16

Left Out: 151.197 $\pm$ 0.032 χ^2 /NDF:191581.5/14

Right Out: 99.744 $\pm$ 0.028 χ^2 /NDF: 1000097.3/18

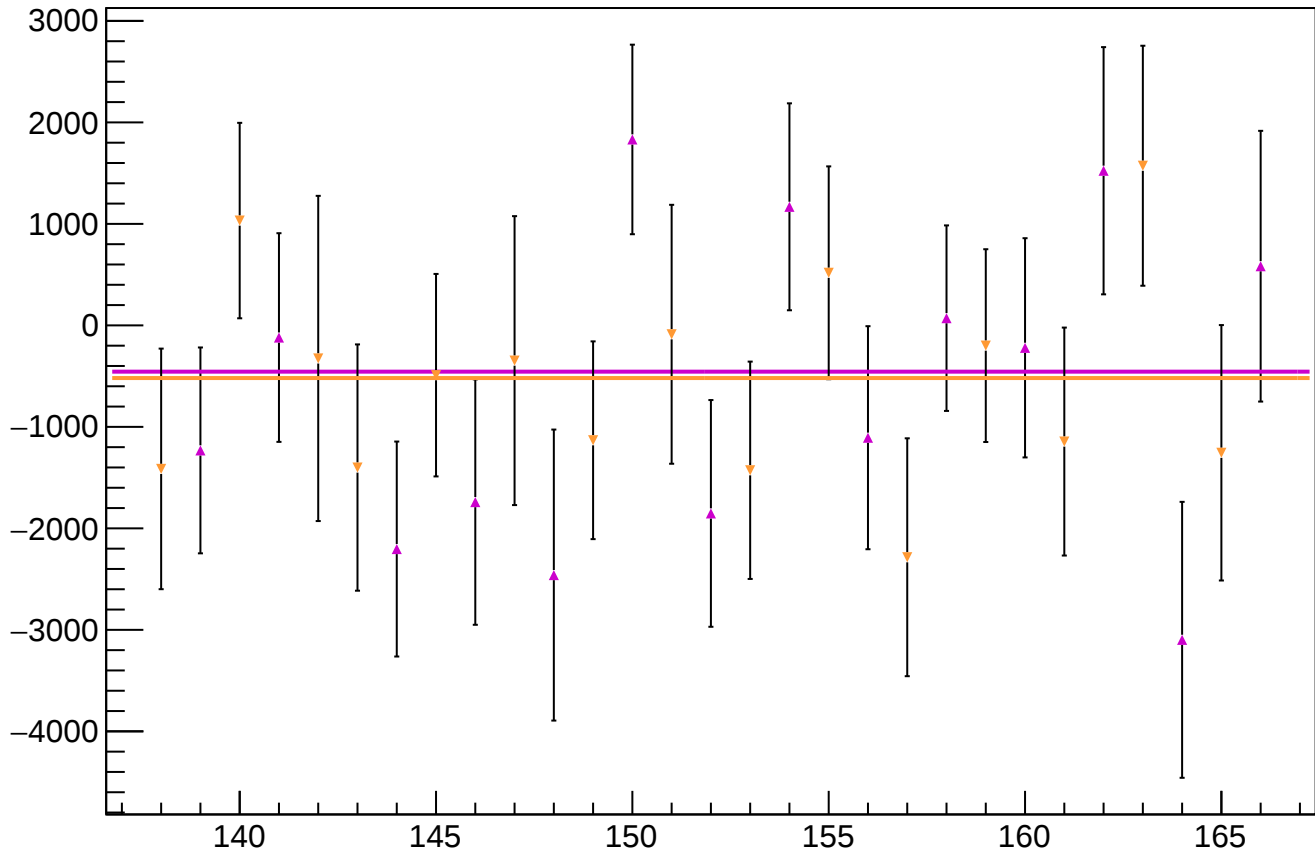
Left In: 154.892 $\pm$ 0.033 χ^2 /NDF:198179.2/13

+ sign 126.720 $\pm$ 0.022 χ^2 /NDF: 2144579.4/31

All: 124.360 $\pm$ 0.015 χ^2 /NDF: 4990487.6/64

- sign 122.136 $\pm$ 0.021 χ^2 /NDF: 2823326.1/32

asym_sam5_correction_mean vs Slug



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

Left Out: -518.994 $\pm$ 291.308 χ^2 /NDF:12.1/14

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

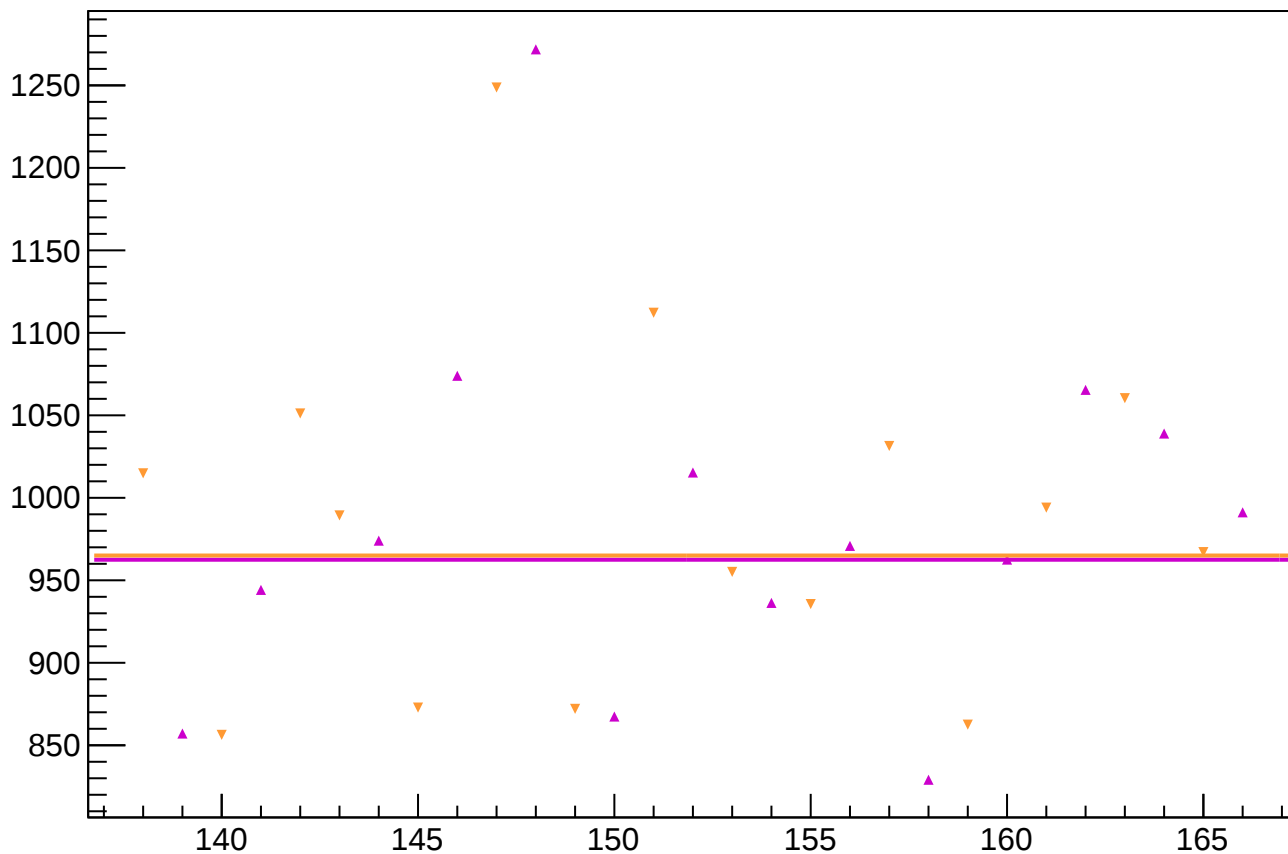
Left In: -455.920 $\pm$ 294.233 χ^2 /NDF:24.4/13

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

All: -487.772 $\pm$ 207.012 χ^2 /NDF: 36.5/28

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

asym_sam5_correction_rms vs Slug



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

Left Out: 965.026+/-0.206 χ^2/NDF : 222769.3/14

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

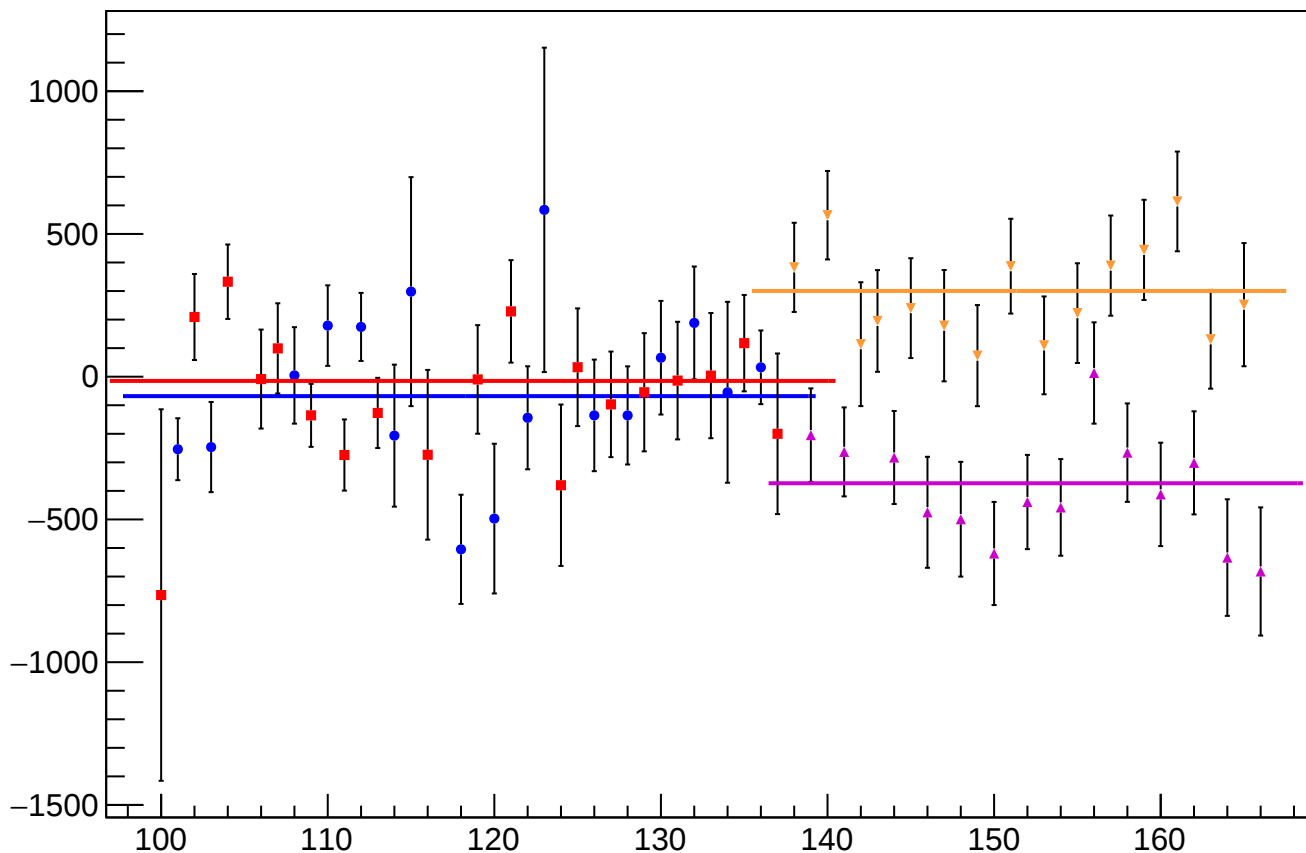
Left In: 962.470+/-0.208 χ^2/NDF : 223364.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.761+/-0.146 χ^2/NDF : 446209.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug



Right In: -68.111 ± 42.265 χ^2/NDF : 27.8/16

Left Out: 300.362 ± 45.541 χ^2/NDF : 13.3/14

Right Out: -14.800 ± 39.467 χ^2/NDF : 23.1/18

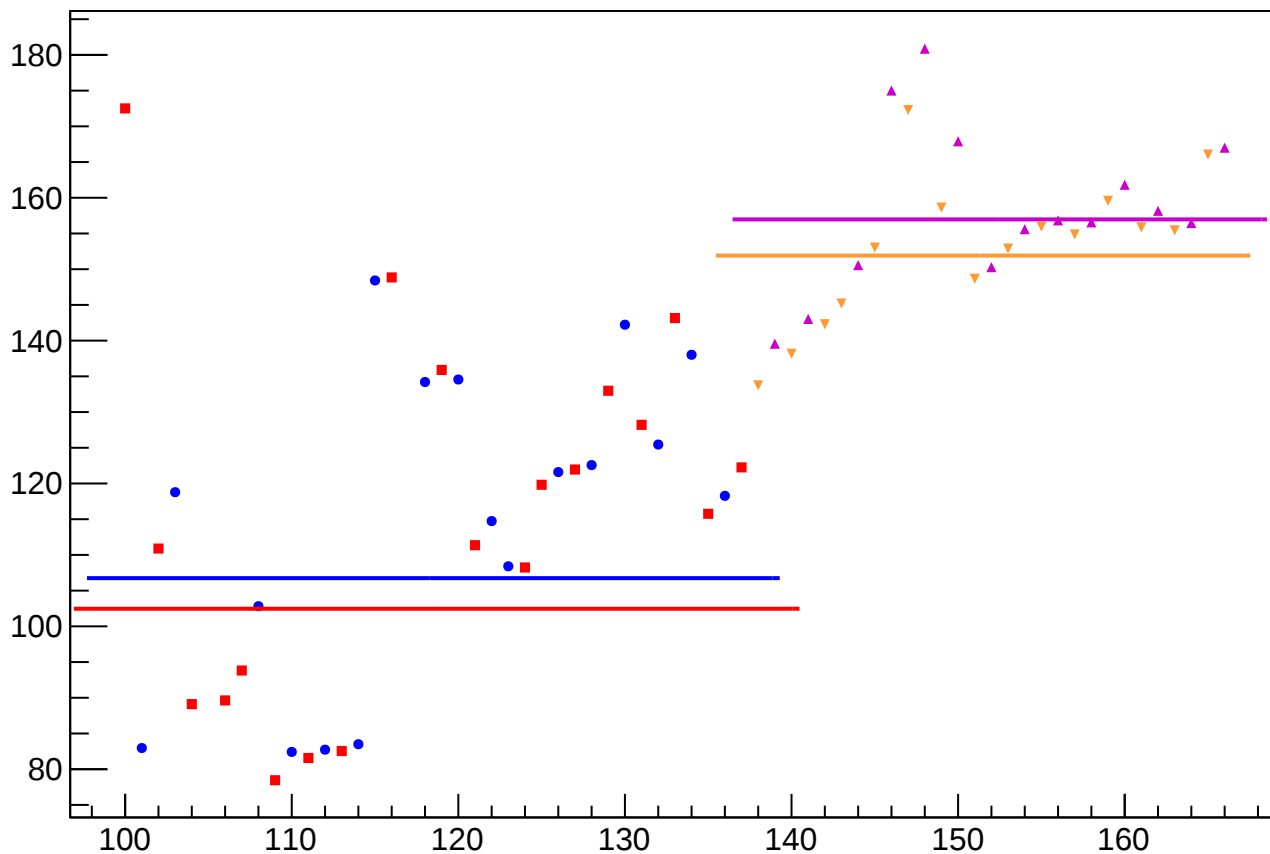
Left In: -373.264 ± 47.675 χ^2/NDF : 13.6/13

+ sign 102.397 ± 30.980 χ^2/NDF : 76.3/31

All: -31.560 ± 21.699 χ^2/NDF : 183.3/64

- sign -160.562 ± 30.401 χ^2/NDF : 70.3/32

reg_asym_sam6_rms vs Slug



Right In: 106.749 $\pm$ 0.030 χ^2 /NDF: 501742.8/16

Left Out: 151.906 $\pm$ 0.032 χ^2 /NDF: 91133.7/14

Right Out: 102.467 $\pm$ 0.028 χ^2 /NDF: 589344.0/18

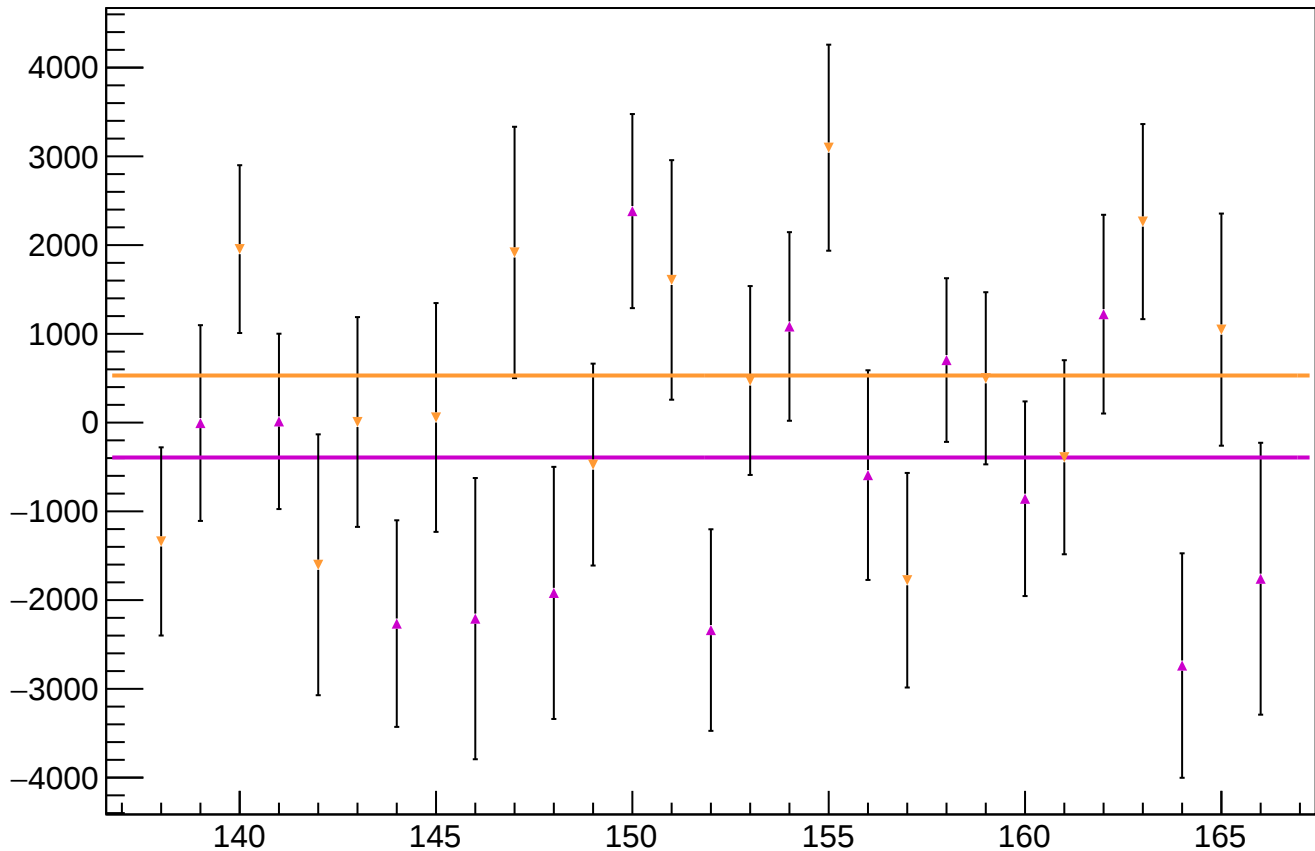
Left In: 156.973 $\pm$ 0.034 χ^2 /NDF: 103434.8/13

+ sign 127.646 $\pm$ 0.022 χ^2 /NDF: 1649331.4/31

All: 126.110 $\pm$ 0.015 χ^2 /NDF: 3902932.1/64

- sign 124.631 $\pm$ 0.021 χ^2 /NDF: 2243952.6/32

asym_sam6_correction_mean vs Slug



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

Left Out: 530.687+/-298.393 χ^2/NDF : 22.1/14

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

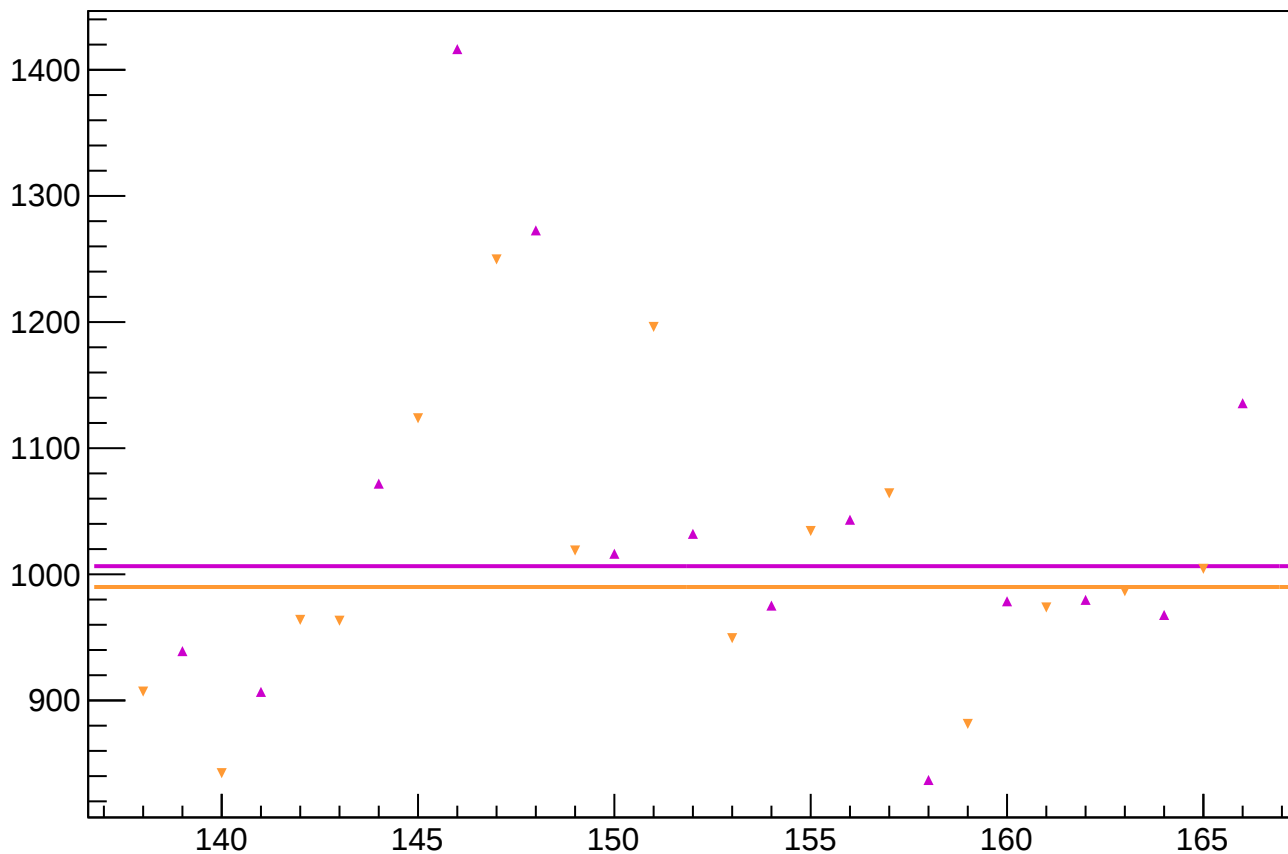
Left In: -393.148+/-307.879 χ^2/NDF : 24.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.220+/-214.271 χ^2/NDF : 51.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug



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

Left Out: 989.944+/-0.211 χ^2/NDF :238576.1/14

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

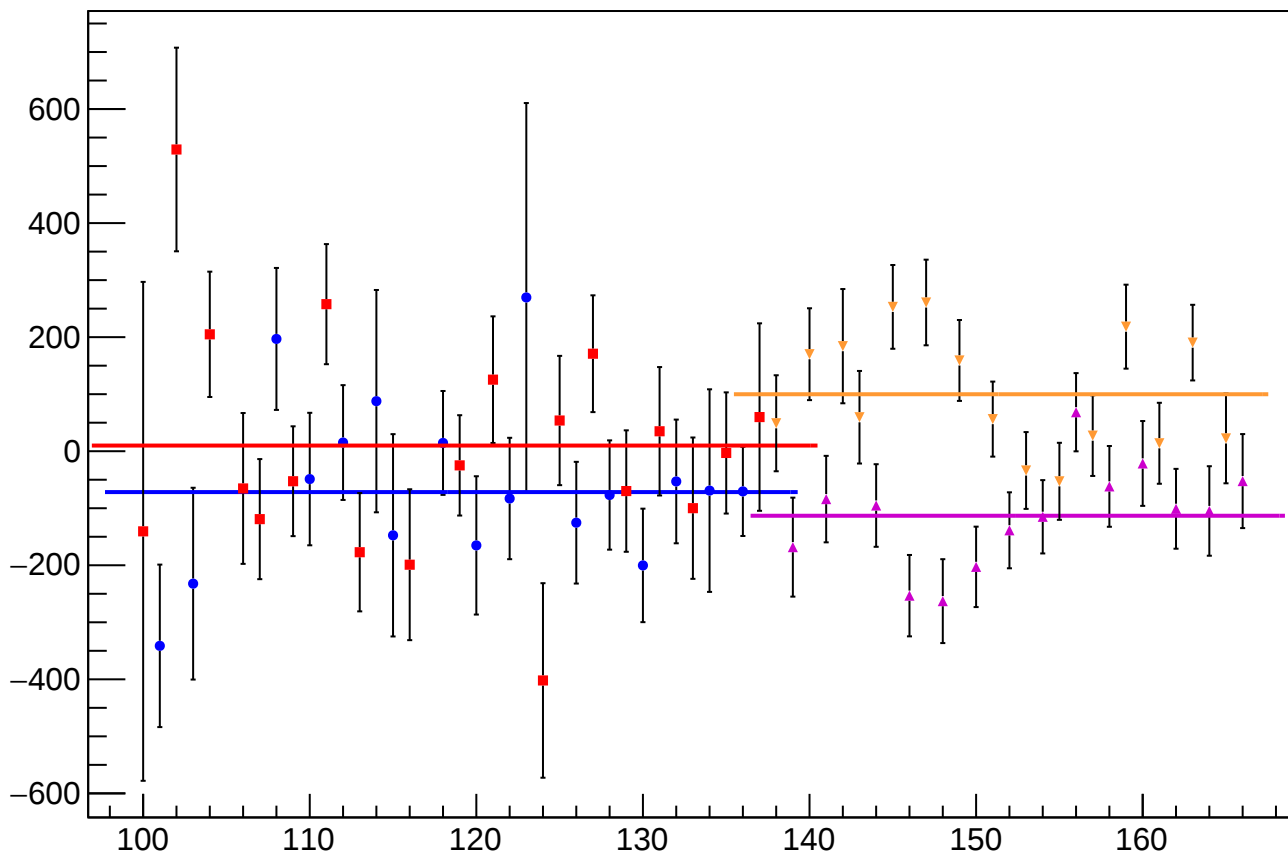
Left In: 1006.465+/-0.218 χ^2/NDF :329314.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 997.946+/-0.152 χ^2/NDF : 570860.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_mean vs Slug



Right In: -71.669 ± 28.358 $\chi^2/\text{NDF}: 15.2/16$

Left Out: 99.899 ± 19.068 $\chi^2/\text{NDF}: 29.2/14$

Right Out: 9.917 ± 26.816 $\chi^2/\text{NDF}: 36.5/18$

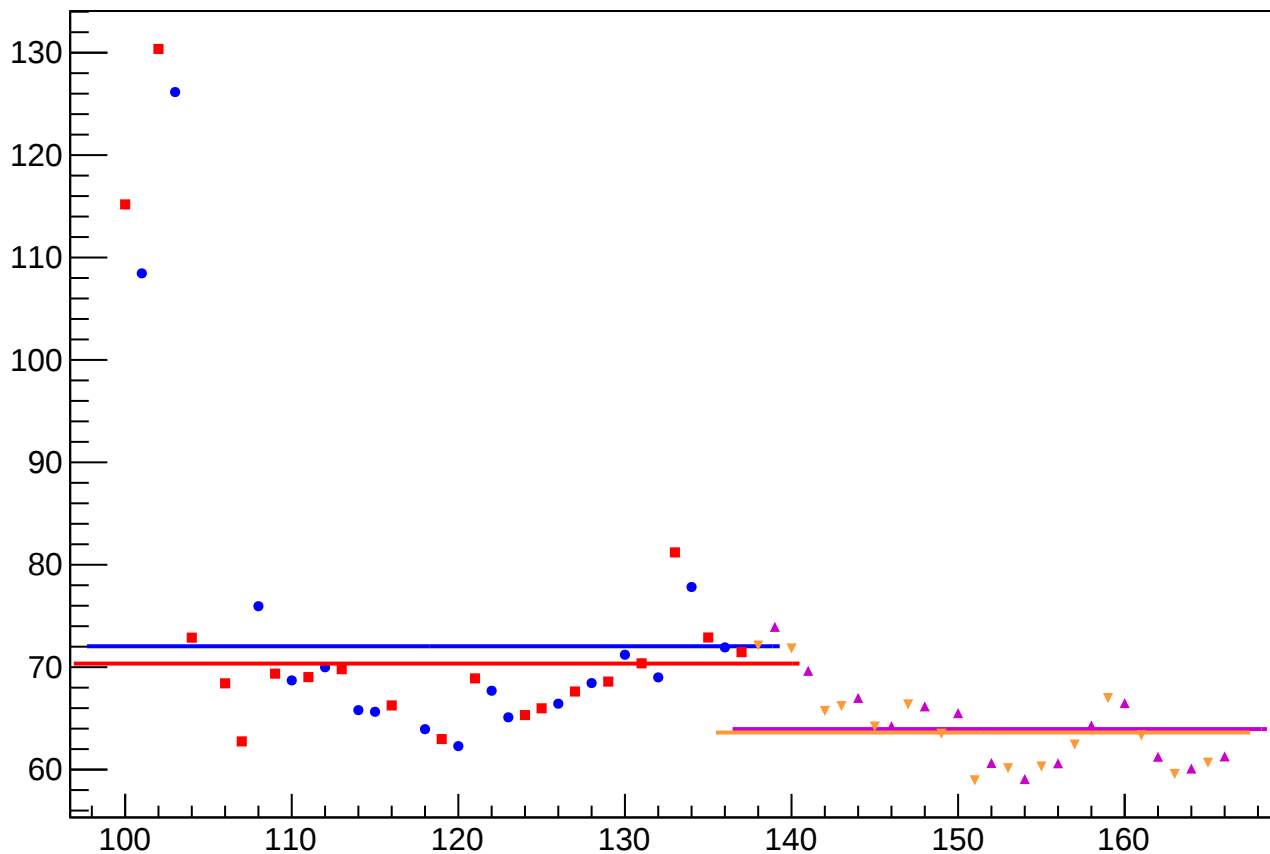
Left In: -113.163 ± 19.414 $\chi^2/\text{NDF}: 20.0/13$

+ sign 46.482 ± 15.823 $\chi^2/\text{NDF}: 69.6/31$

All: -12.543 ± 11.154 $\chi^2/\text{NDF}: 167.6/64$

- sign -70.838 ± 15.725 $\chi^2/\text{NDF}: 70.3/32$

reg_asym_sam7_rms vs Slug



Right In: 72.042 $\pm$ 0.020 χ^2 /NDF: 391971.7/16

Left Out: 63.617 $\pm$ 0.013 χ^2 /NDF: 82083.7/14

Right Out: 70.351 $\pm$ 0.019 χ^2 /NDF: 299005.5/18

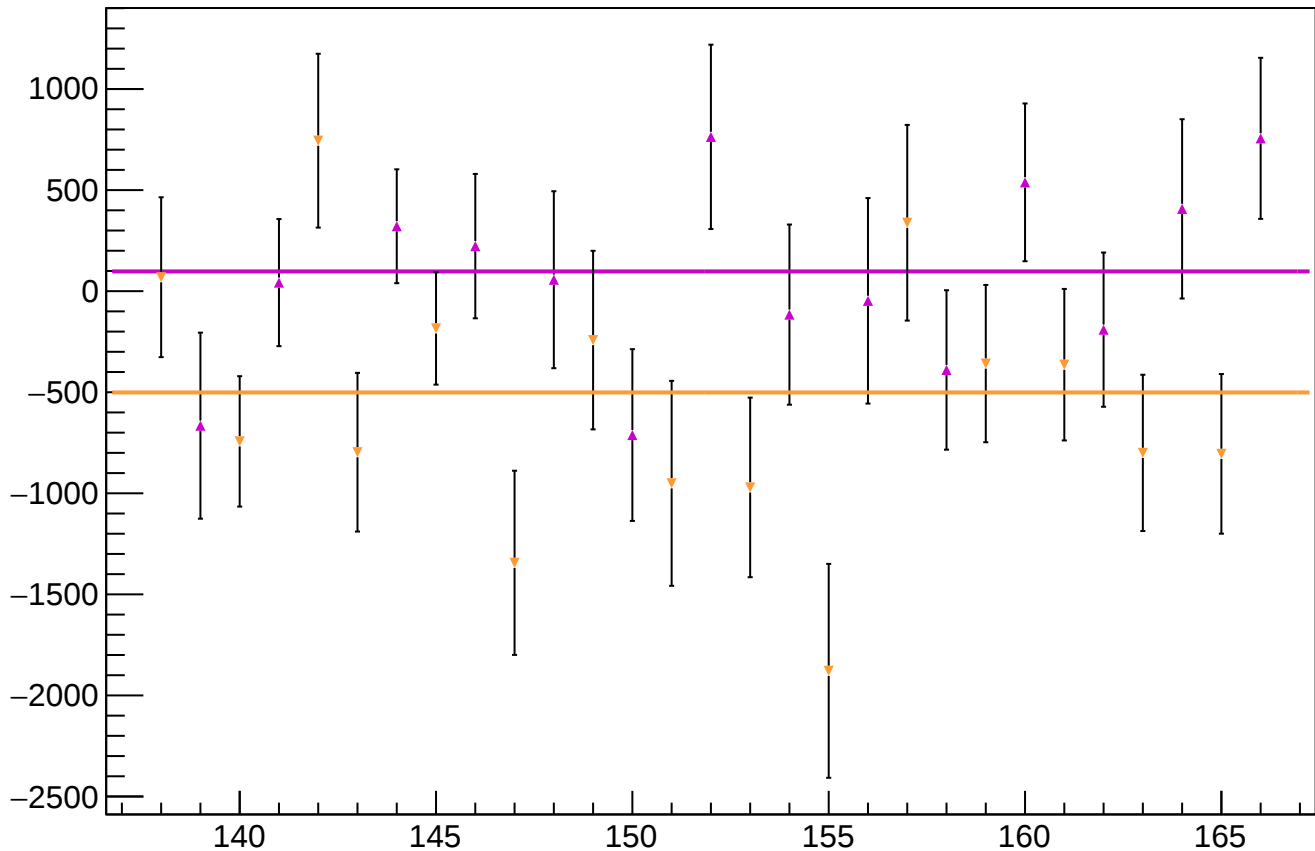
Left In: 63.956 $\pm$ 0.014 χ^2 /NDF: 77547.2/13

+ sign 66.240 $\pm$ 0.011 χ^2 /NDF: 595620.6/31

All: 66.197 $\pm$ 0.008 χ^2 /NDF: 1046837.4/64

- sign 66.155 $\pm$ 0.011 χ^2 /NDF: 451187.3/32

asym_sam7_correction_mean vs Slug



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

Left Out: -501.047 $\pm$ 102.932 χ^2 /NDF:29.8/14

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

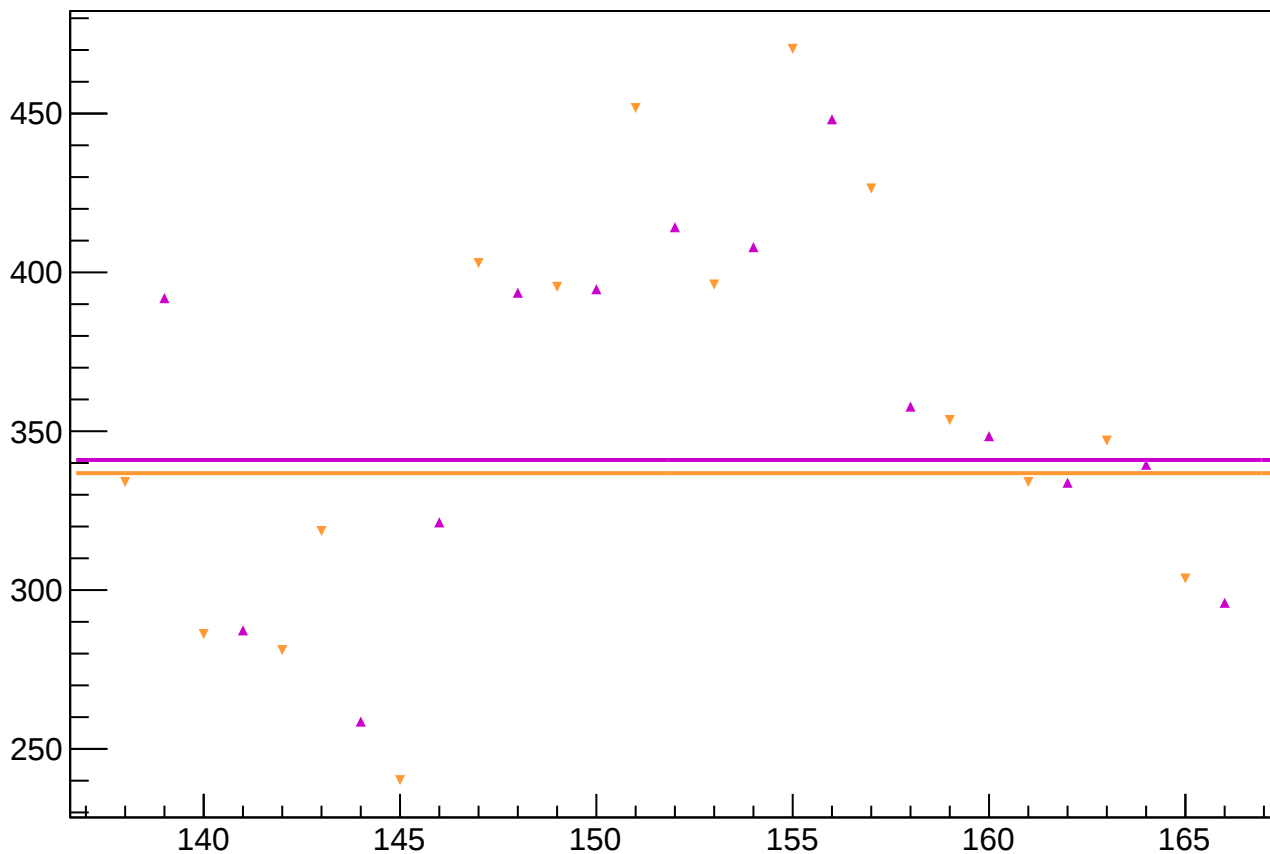
Left In: 97.695 $\pm$ 104.825 χ^2 /NDF:16.2/13

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

All: -207.131 $\pm$ 73.444 χ^2 /NDF: 62.6/28

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

asym_sam7_correction_rms vs Slug



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

Left Out: 336.803+/-0.073 χ^2/NDF : 759851.8/14

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

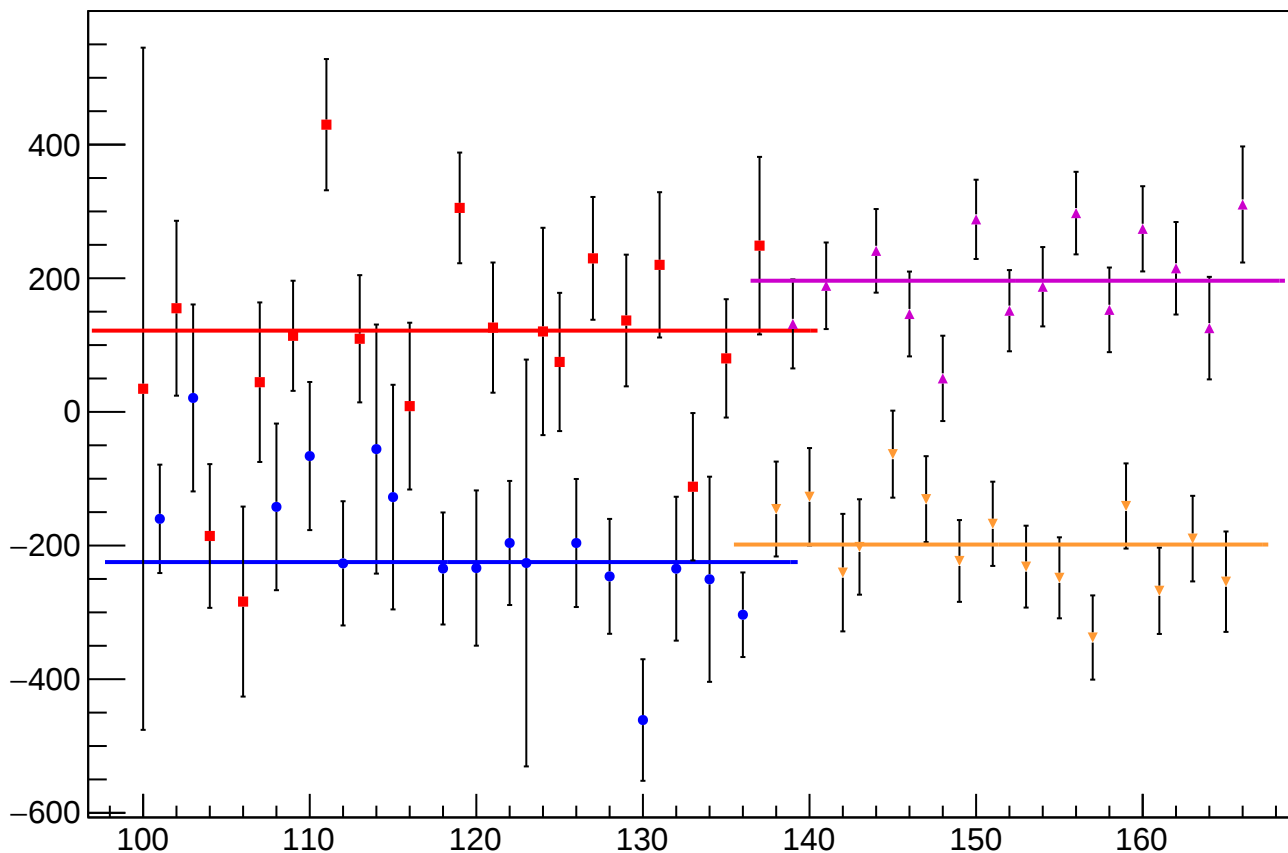
Left In: 340.956+/-0.074 χ^2/NDF : 537003.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.842+/-0.052 χ^2/NDF : 1298452.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug



Right In: -224.727 $\pm$ 24.880 χ^2 /NDF: 16.0/16

Left Out: -198.493 $\pm$ 17.135 χ^2 /NDF:16.0/14

Right Out: 121.633 $\pm$ 24.599 χ^2 /NDF: 40.5/18

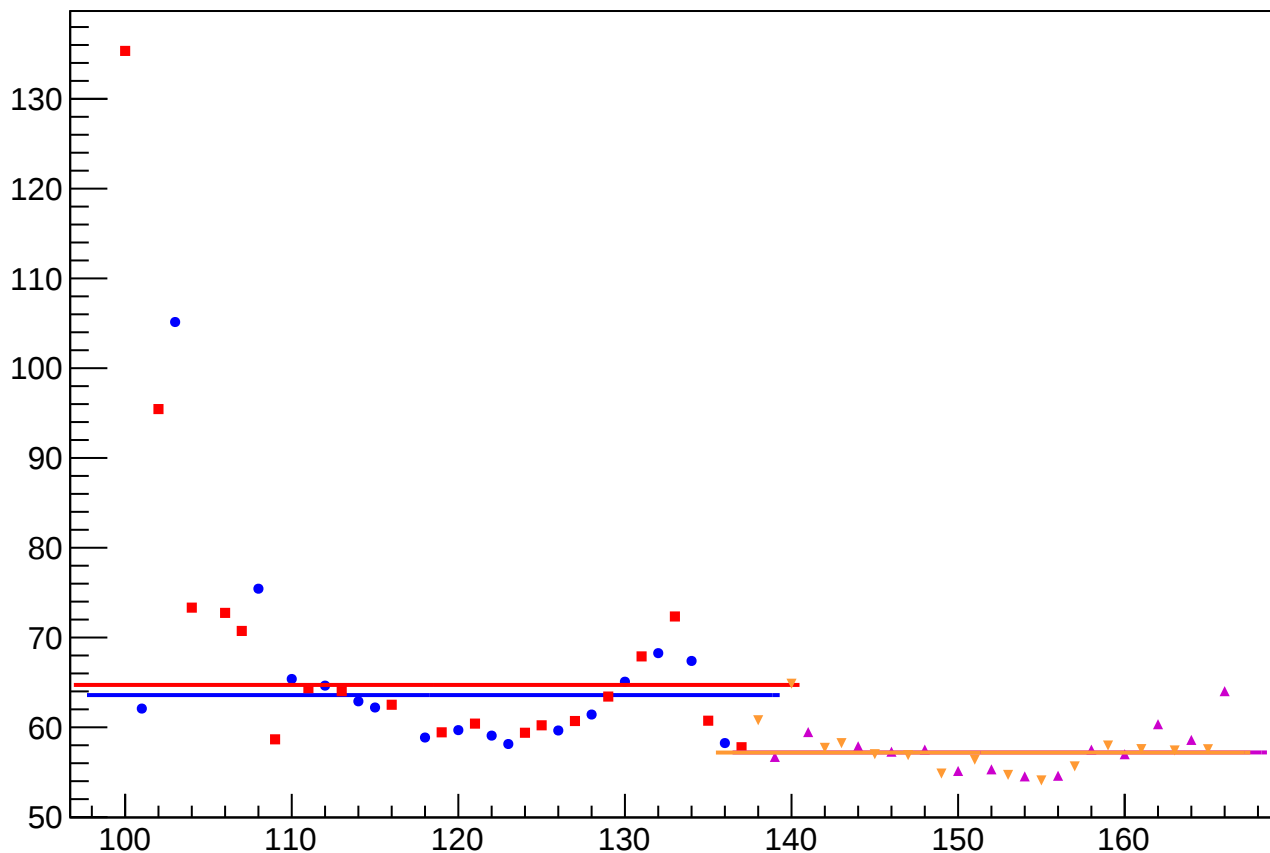
Left In: 196.306 $\pm$ 17.356 χ^2 /NDF:17.6/13

+ sign -206.932 $\pm$ 14.112 χ^2 /NDF: 32.7/31

All: -18.650 $\pm$ 10.003 χ^2 /NDF: 454.7/64

- sign 171.488 $\pm$ 14.181 χ^2 /NDF: 64.2/32

reg_asym_sam8_rms vs Slug



Right In: 63.589+/-0.018 χ^2/NDF : 234601.0/16

Left Out: 57.188+/-0.012 χ^2/NDF : 41246.8/14

Right Out: 64.720+/-0.017 χ^2/NDF : 227506.4/18

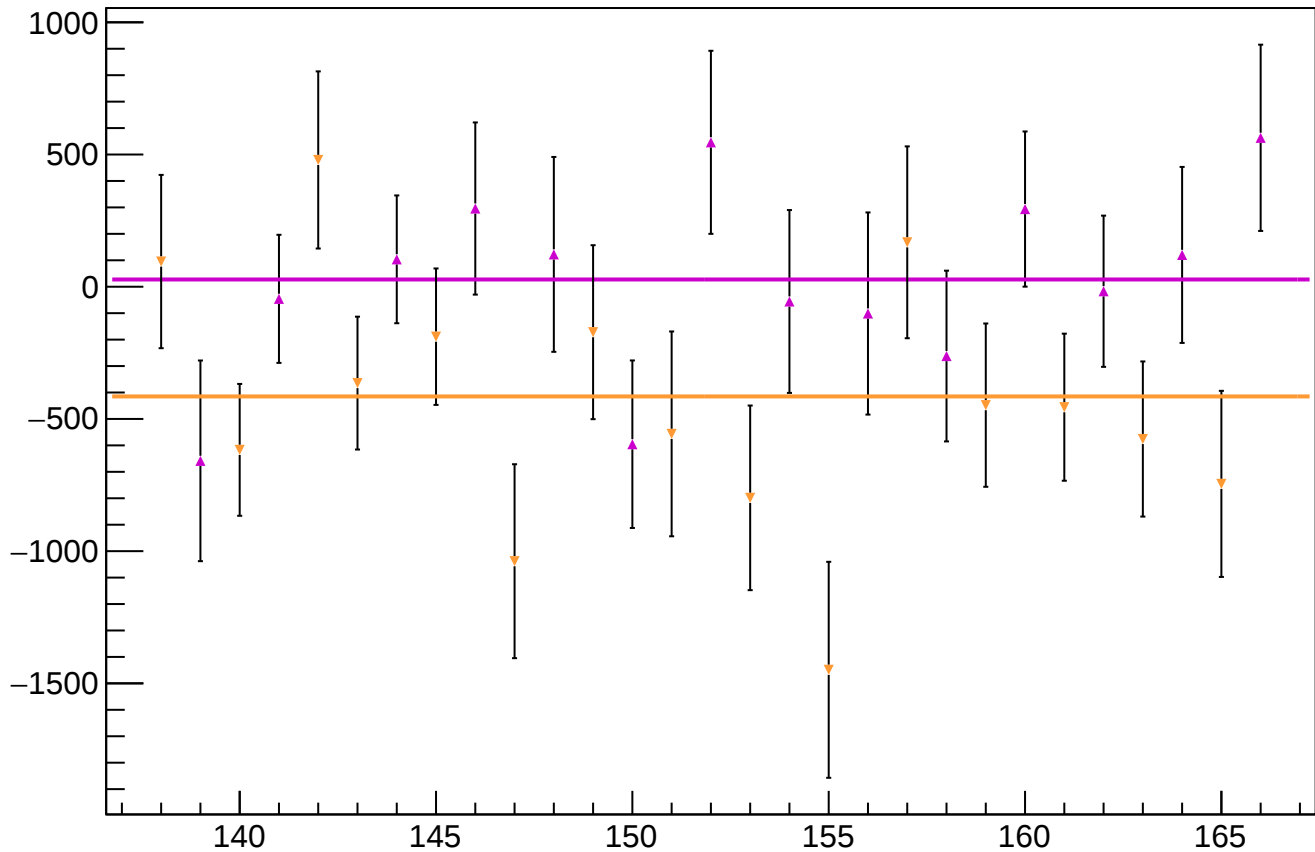
Left In: 57.200+/-0.012 χ^2/NDF : 31972.9/13

+ sign 59.247+/-0.010 χ^2/NDF : 365635.5/31

All: 59.472+/-0.007 χ^2/NDF : 750915.3/64

- sign 59.700+/-0.010 χ^2/NDF : 384258.3/32

asym_sam8_correction_mean vs Slug



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

Left Out: -414.876 $\pm$ 80.730 χ^2 /NDF: 26.0/14

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

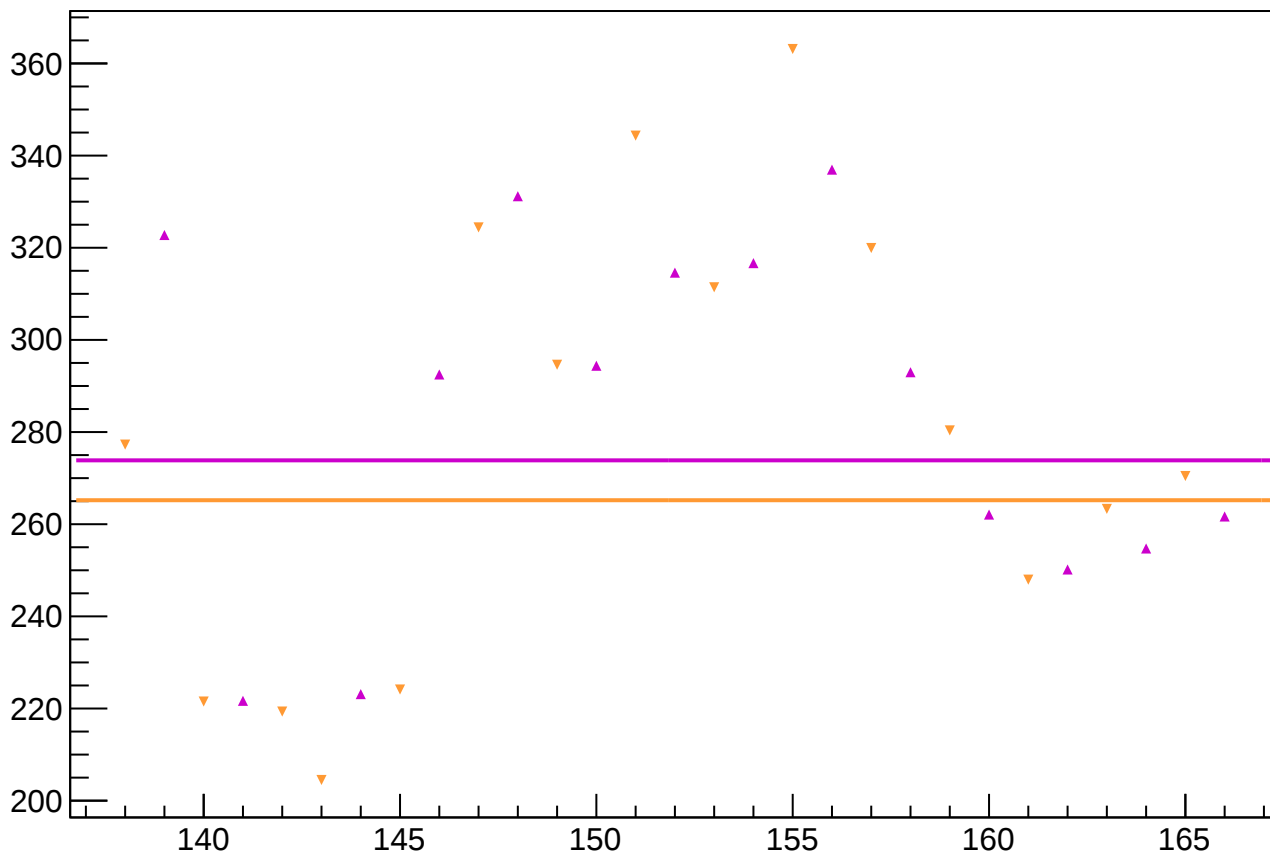
Left In: 27.390 $\pm$ 83.928 χ^2 /NDF: 14.5/13

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

All: -202.330 $\pm$ 58.182 χ^2 /NDF: 55.0/28

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

asym_sam8_correction_rms vs Slug



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

Left Out: 265.206+/-0.057 χ^2/NDF : 629367.6/14

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

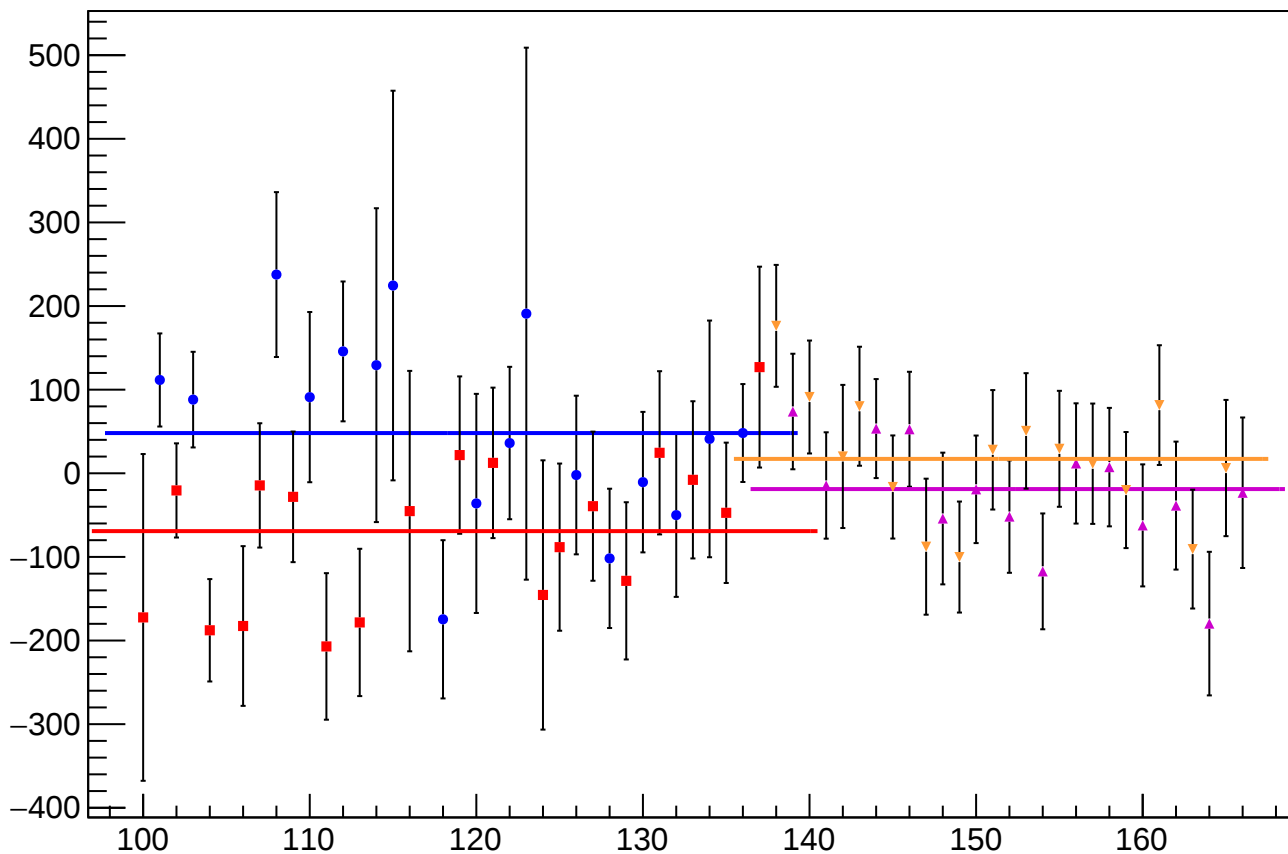
Left In: 273.861+/-0.059 χ^2/NDF : 423403.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.366+/-0.041 χ^2/NDF : 1063817.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 48.109 ± 21.510 $\chi^2/\text{NDF}: 19.0/16$

Left Out: 17.219 ± 18.439 $\chi^2/\text{NDF}: 15.6/14$

Right Out: -69.156 ± 20.407 $\chi^2/\text{NDF}: 17.7/18$

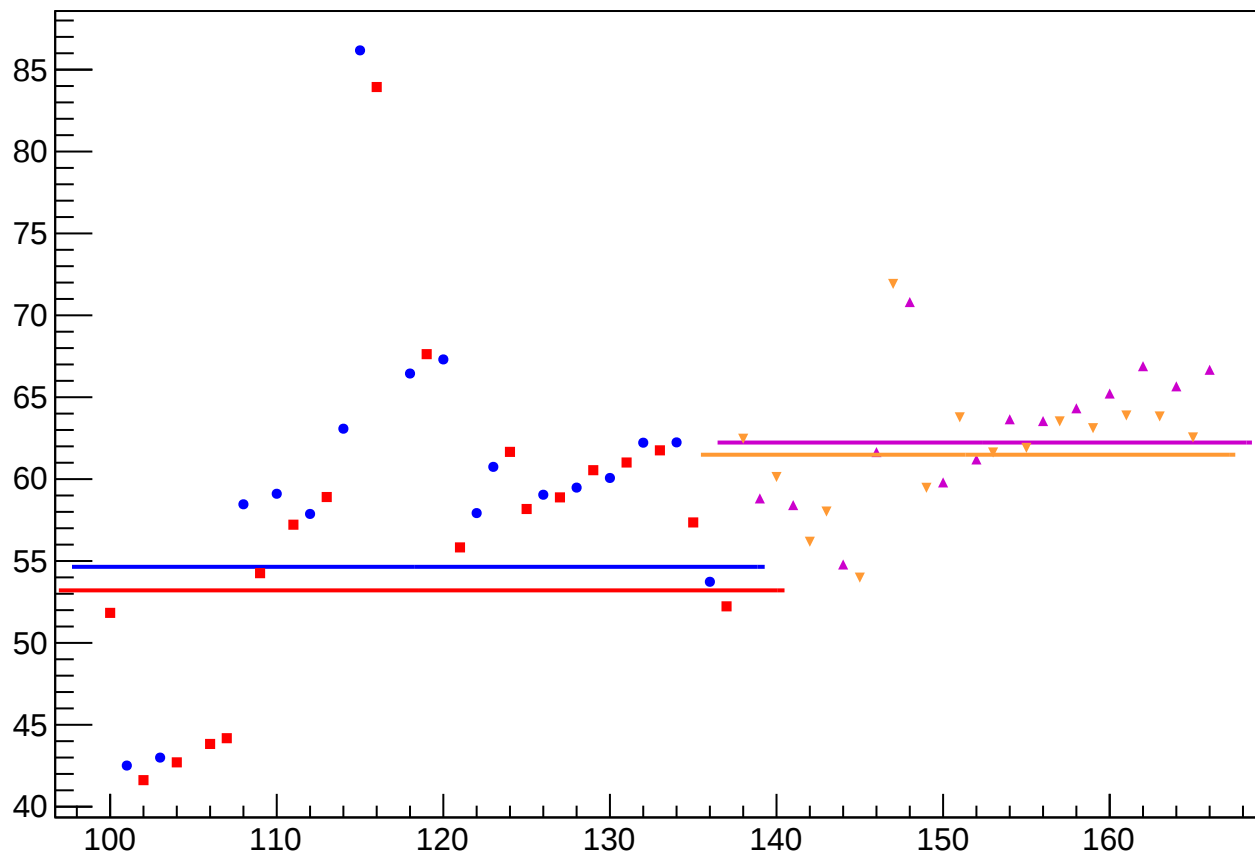
Left In: -18.861 ± 18.908 $\chi^2/\text{NDF}: 11.1/13$

+ sign 30.303 ± 13.999 $\chi^2/\text{NDF}: 35.7/31$

All: -6.232 ± 9.853 $\chi^2/\text{NDF}: 81.2/64$

- sign -42.094 ± 13.870 $\chi^2/\text{NDF}: 32.0/32$

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.645 $\pm$ 0.015 χ^2 /NDF: 319300.2/16

Left Out: 61.489 $\pm$ 0.013 χ^2 /NDF: 87542.4/14

Right Out: 53.207 $\pm$ 0.014 χ^2 /NDF: 386295.2/18

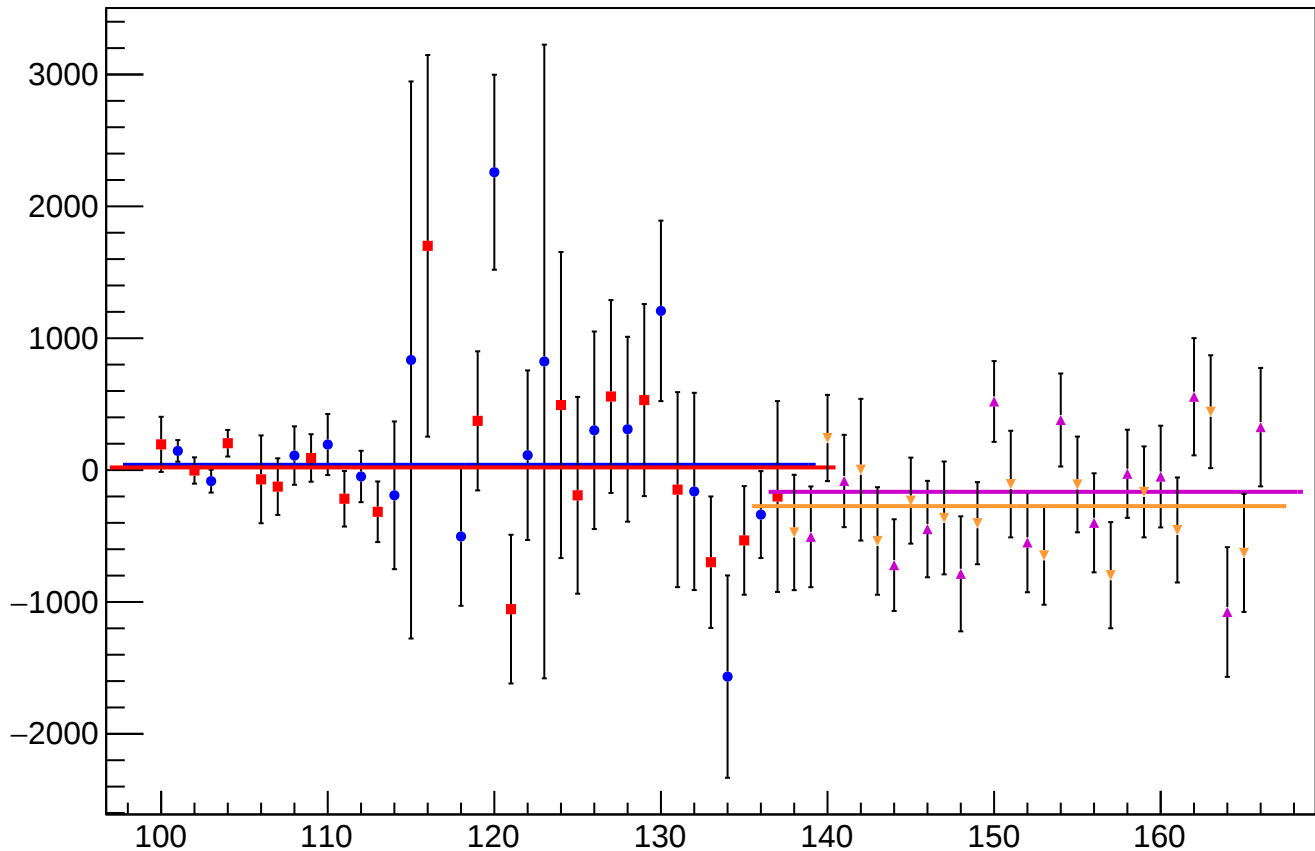
Left In: 62.233 $\pm$ 0.013 χ^2 /NDF: 93029.6/13

+ sign 58.590 $\pm$ 0.010 χ^2 /NDF: 523570.3/31

All: 58.324 $\pm$ 0.007 χ^2 /NDF: 1214832.1/64

- sign 58.063 $\pm$ 0.010 χ^2 /NDF: 689832.1/32

asym_sam_15_avg_correction_mean vs Slug



Right In: 40.207 $\pm$ 51.542 χ^2 /NDF: 23.9/16

Left Out: -273.156 $\pm$ 99.311 χ^2 /NDF: 10.4/14

Right Out: 20.232 $\pm$ 53.274 χ^2 /NDF: 18.9/18

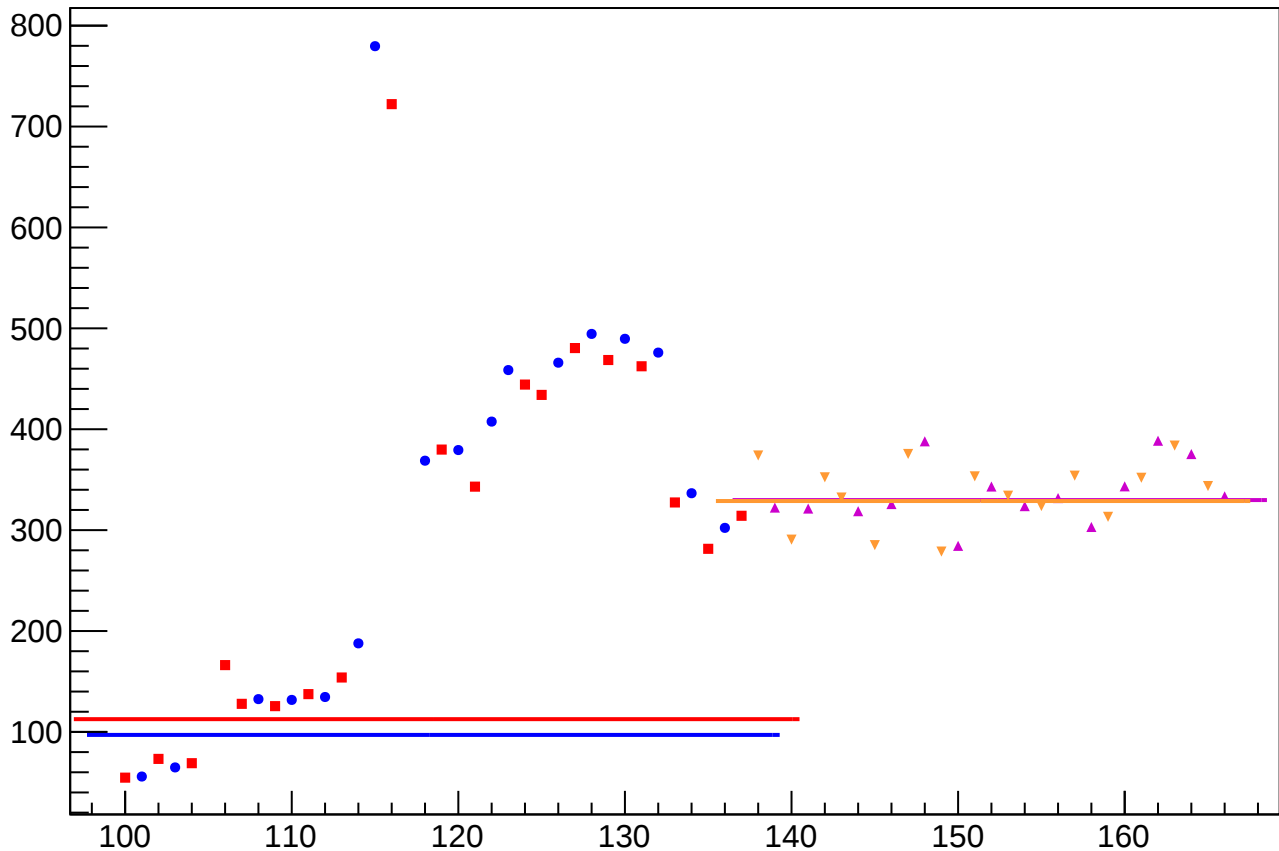
Left In: -164.755 $\pm$ 100.673 χ^2 /NDF: 22.4/13

+ sign -26.289 $\pm$ 45.748 χ^2 /NDF: 42.1/31

All: -23.351 $\pm$ 32.812 χ^2 /NDF: 86.1/64

- sign -20.238 $\pm$ 47.088 χ^2 /NDF: 43.9/32

asym_sam_15_avg_correction_rms vs Slug



Right In: 97.039+/-0.036 χ^2 /NDF: 5819709.2/16

Left Out: 328.845+/-0.070 χ^2 /NDF: 226036.0/14

Right Out: 112.653+/-0.038 χ^2 /NDF: 5036306.5/18

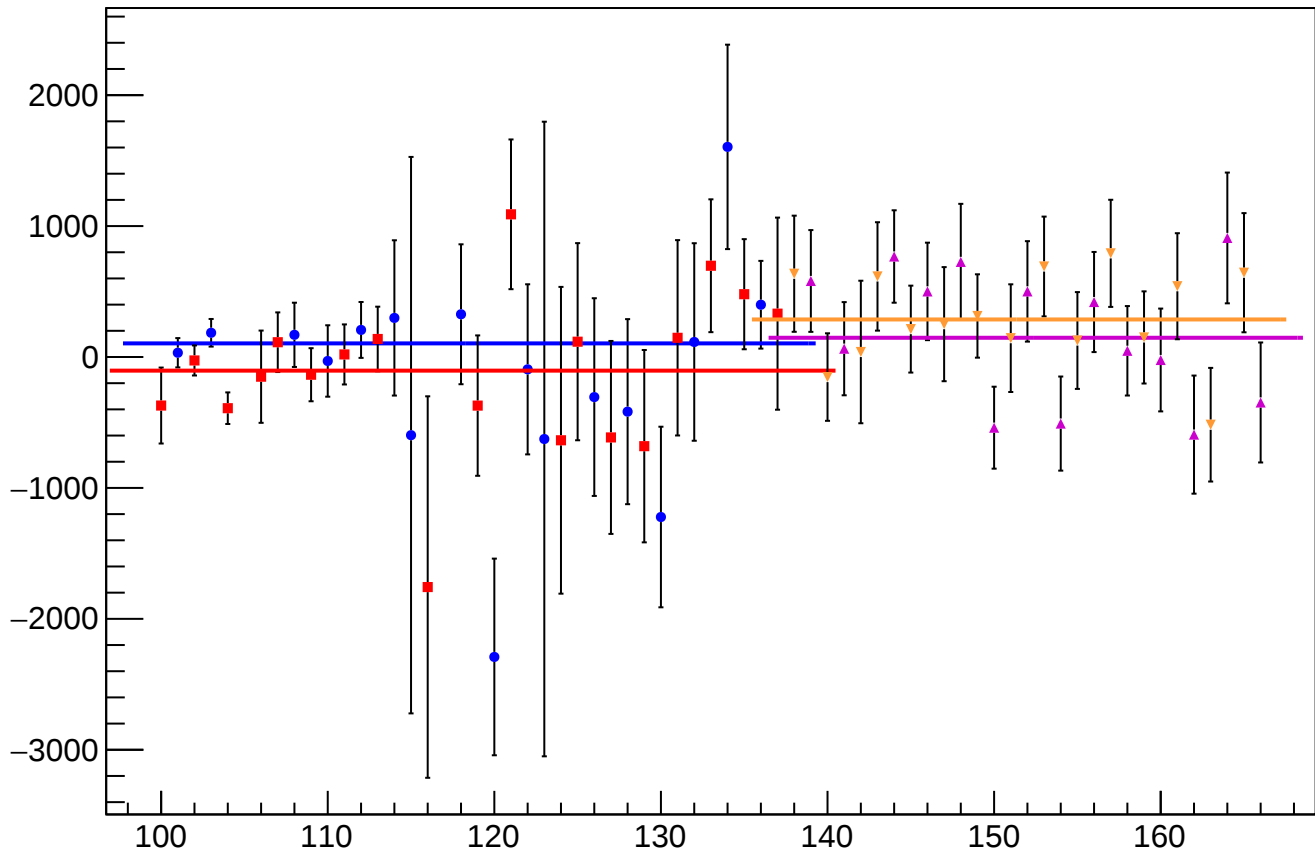
Left In: 329.795+/-0.071 χ^2 /NDF: 154452.0/13

+ sign 146.228+/-0.032 χ^2 /NDF: 14629924.1/31

All: 152.992+/-0.023 χ^2 /NDF: 27179674.6/64

- sign 160.158+/-0.033 χ^2 /NDF: 12459716.6/32

asym_sam_15_avg_mean vs Slug



Right In: 104.001 ± 63.156 χ^2/NDF : 21.3/16

Left Out: 286.742 ± 101.093 χ^2/NDF : 10.8/14

Right Out: -104.140 ± 60.857 χ^2/NDF : 21.3/18

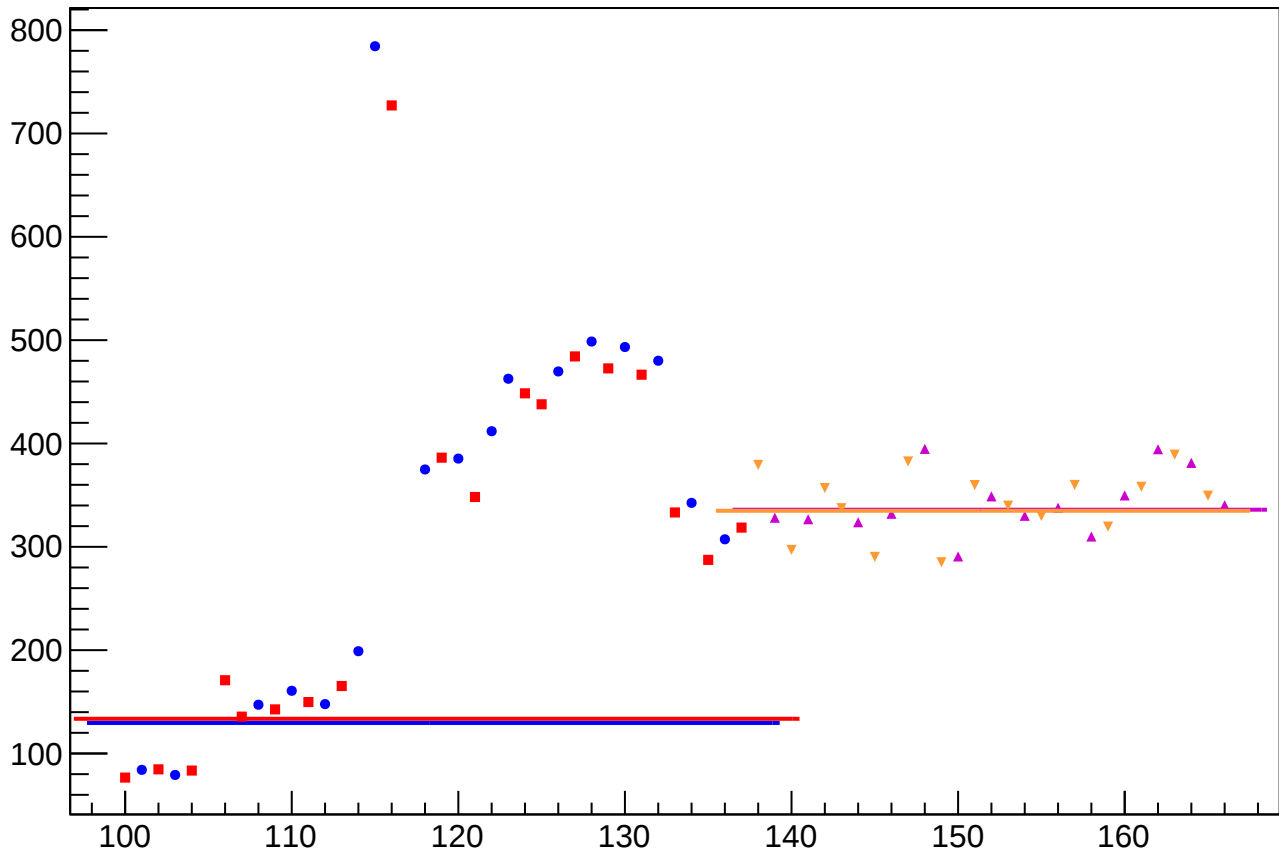
Left In: 146.863 ± 102.509 χ^2/NDF : 23.0/13

+ sign 155.301 ± 53.563 χ^2/NDF : 34.5/31

All: 56.028 ± 37.431 χ^2/NDF : 89.9/64

- sign -38.729 ± 52.330 χ^2/NDF : 48.7/32

asym_sam_15_avg_rms vs Slug



Right In: 129.552+/-0.045 χ^2/NDF : 4772450.4/16

Left Out: 334.893+/-0.071 χ^2/NDF : 217365.5/14

Right Out: 133.593+/-0.043 χ^2/NDF : 4366252.1/18

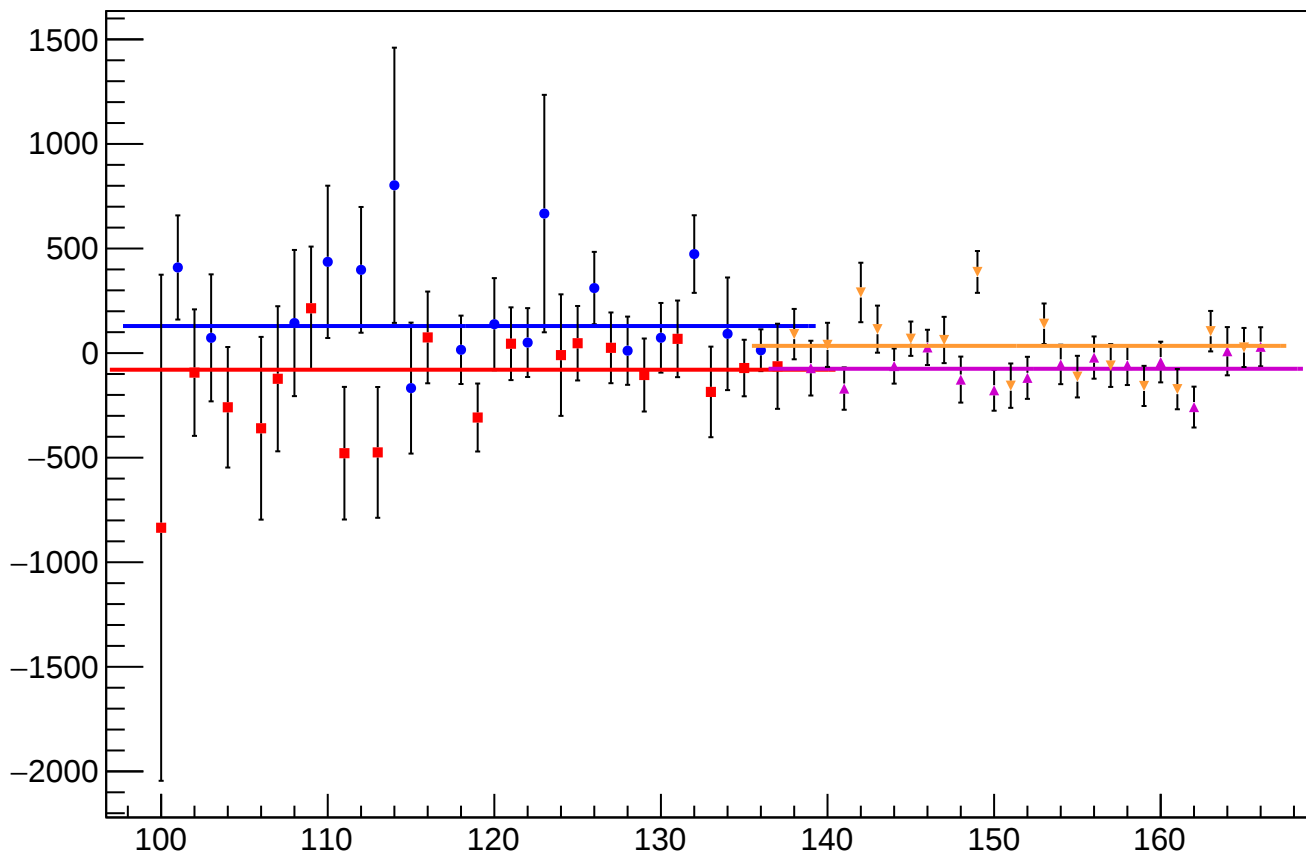
Left In: 335.928+/-0.072 χ^2/NDF : 148871.0/13

+ sign 187.197+/-0.038 χ^2/NDF : 10925008.3/31

All: 186.749+/-0.026 χ^2/NDF : 21201782.4/64

- sign 186.321+/-0.037 χ^2/NDF : 10276500.6/32

reg_asym_sam_26_avg_mean vs Slug



Right In: 129.398 $\pm$ 49.122 χ^2 /NDF: 12.9/16

Left Out: 34.588 $\pm$ 26.289 χ^2 /NDF:33.2/14

Right Out: -79.483 $\pm$ 49.886 χ^2 /NDF: 10.2/18

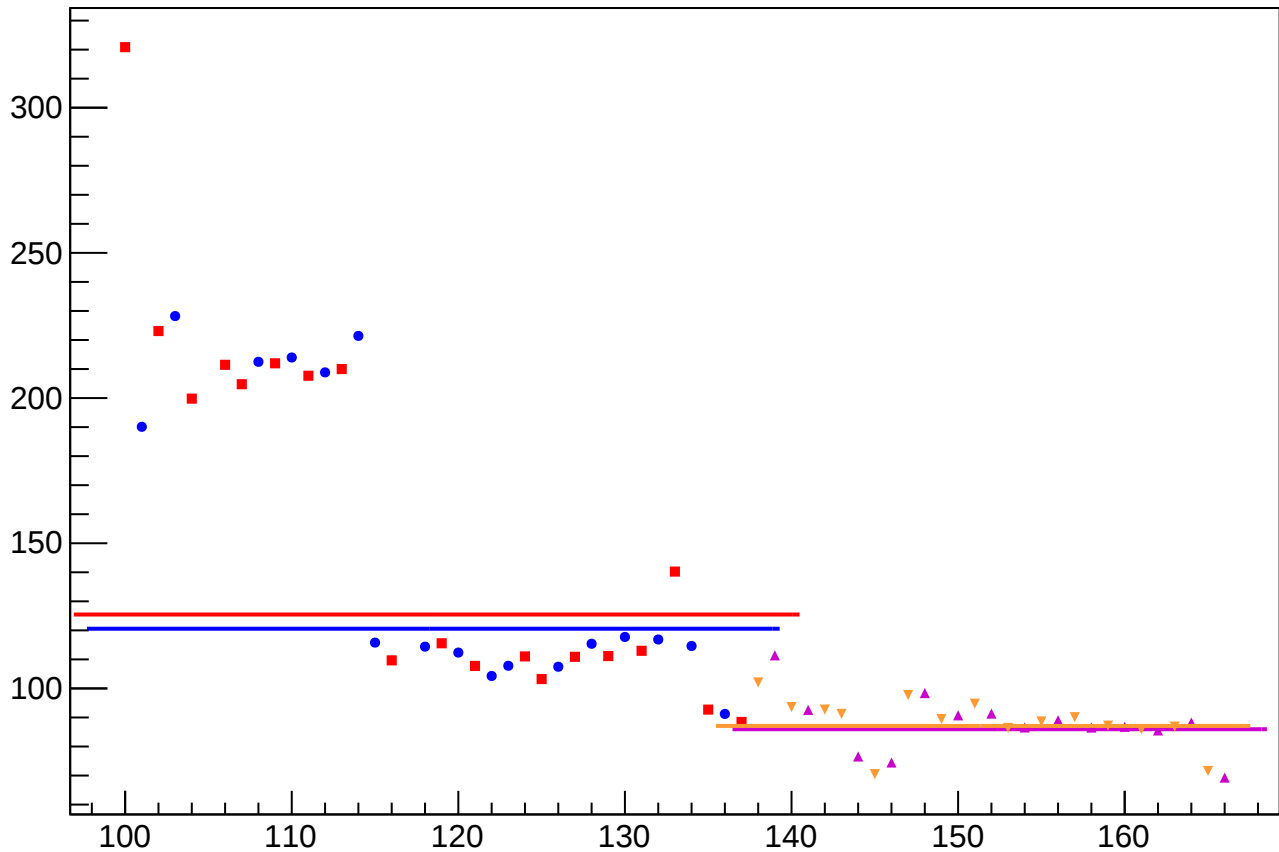
Left In: -74.993 $\pm$ 26.311 χ^2 /NDF:9.7/13

+ sign 55.697 $\pm$ 23.178 χ^2 /NDF: 49.0/31

All: -9.870 $\pm$ 16.423 χ^2 /NDF: 85.0/64

- sign -75.970 $\pm$ 23.272 χ^2 /NDF: 19.9/32

reg_asym_sam_26_avg_rms vs Slug



Right In: 120.565 $\pm$ 0.035 χ^2 /NDF: 1112076.4/16

Left Out: 87.086 $\pm$ 0.019 χ^2 /NDF:214019.1/14

Right Out: 125.458 $\pm$ 0.035 χ^2 /NDF: 1333754.6/18

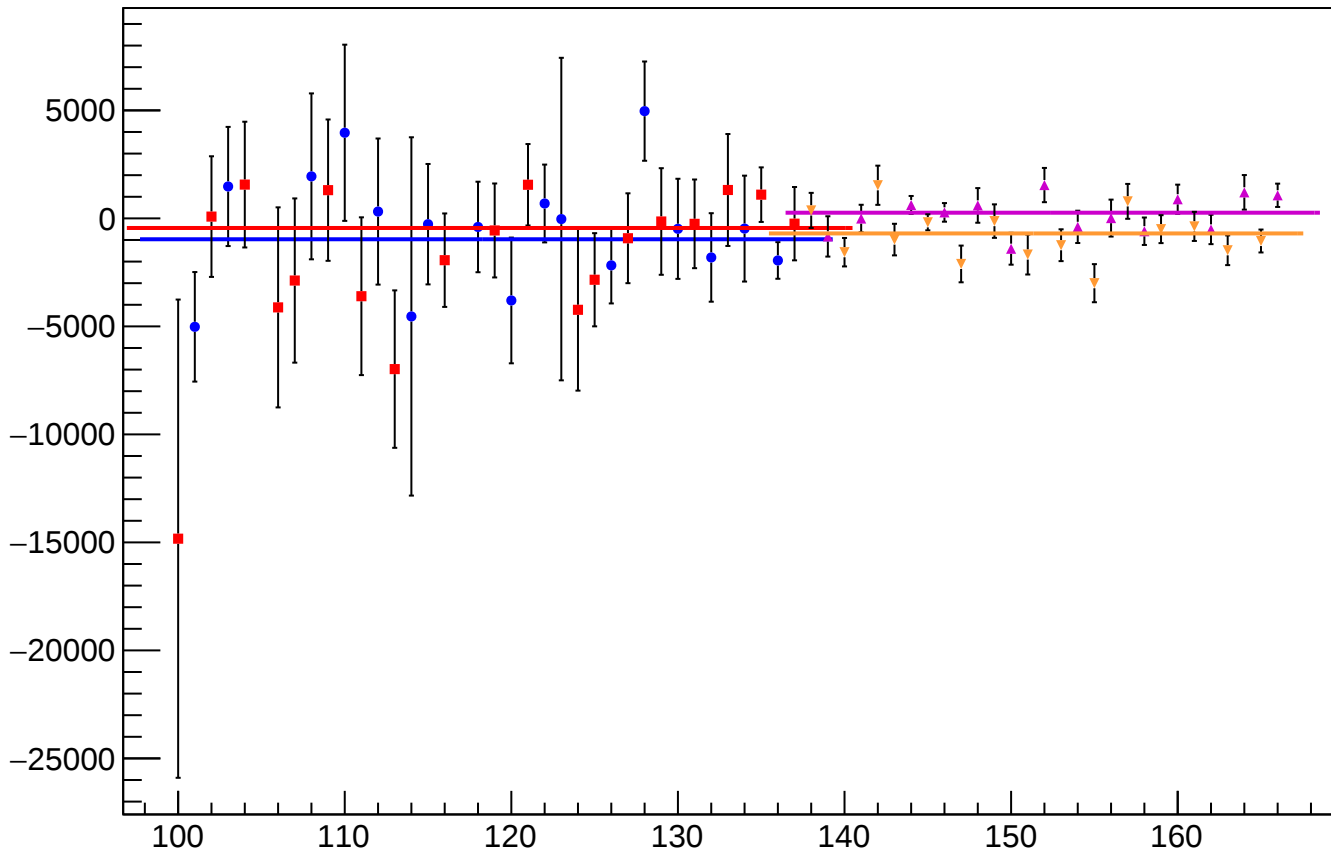
Left In: 85.953 $\pm$ 0.019 χ^2 /NDF:248641.5/13

+ sign 94.540 $\pm$ 0.016 χ^2 /NDF: 2048268.0/31

All: 94.546 $\pm$ 0.012 χ^2 /NDF: 4611955.0/64

- sign 94.551 $\pm$ 0.016 χ^2 /NDF: 2563686.8/32

asym_sam_26_avg_correction_mean vs Slug



Right In: -966.587 ± 512.340 χ^2/NDF : 16.4/16

Left Out: -697.020 ± 173.273 χ^2/NDF : 28.8/14

Right Out: -444.406 ± 545.370 χ^2/NDF : 13.4/18

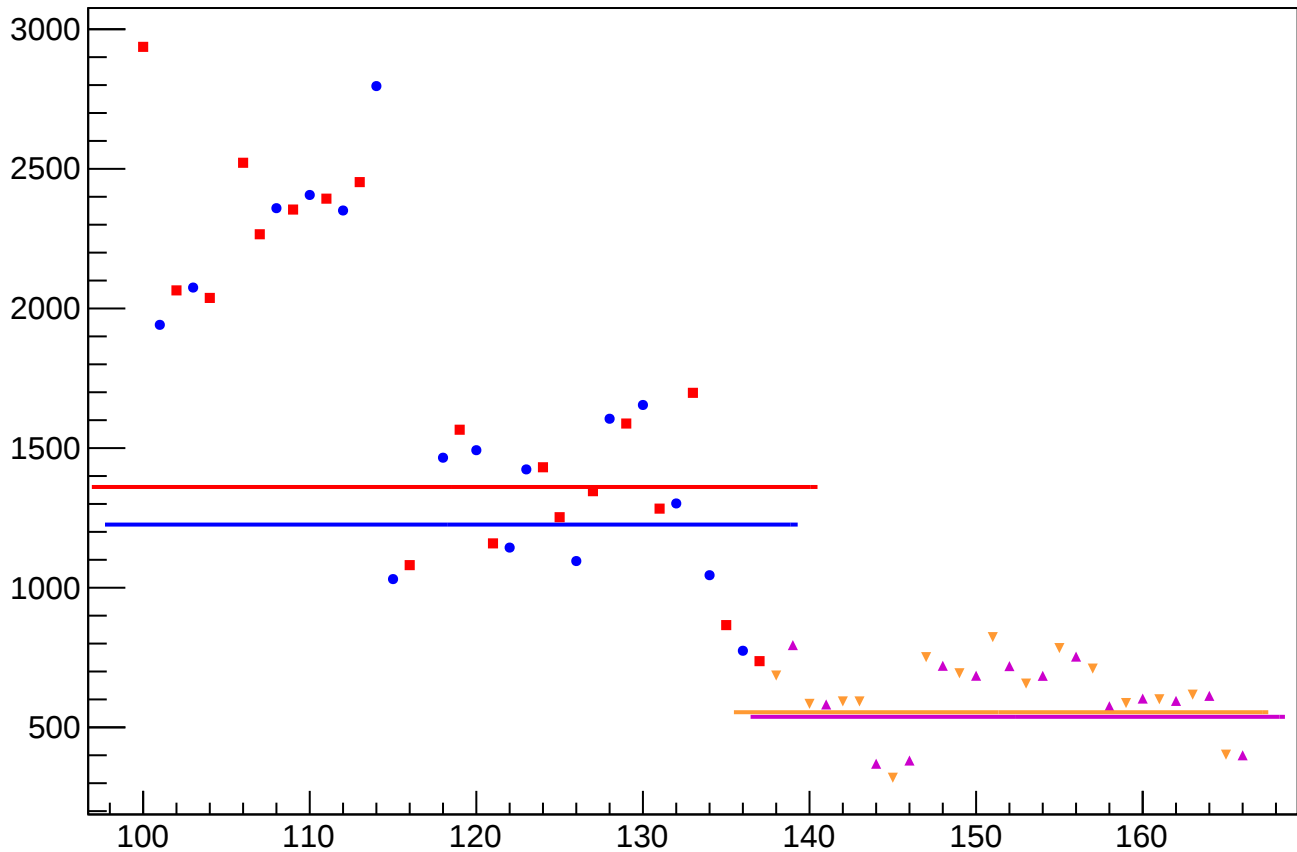
Left In: 262.463 ± 169.743 χ^2/NDF : 18.6/13

+ sign -724.688 ± 164.140 χ^2/NDF : 45.4/31

All: -256.471 ± 115.327 χ^2/NDF : 95.0/64

- sign 200.034 ± 162.074 χ^2/NDF : 33.6/32

asym_sam_26_avg_correction_rms vs Slug



Right In: 1226.135+/-0.362 χ^2/NDF : 1756323.1/16

Left Out: 554.162+/-0.123 χ^2/NDF : 1651104.1/14

Right Out: 1360.770+/-0.386 χ^2/NDF : 1749074.9/18

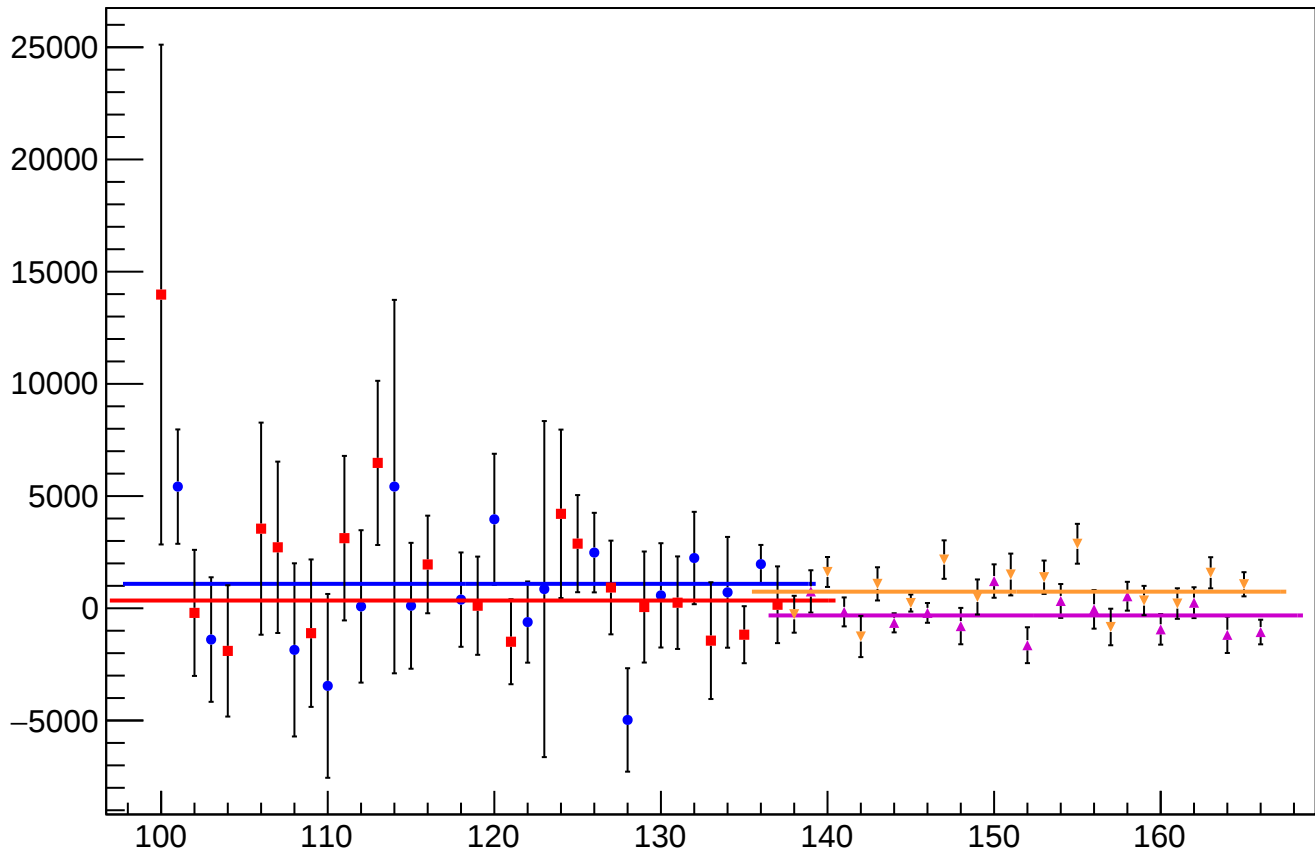
Left In: 537.716+/-0.120 χ^2/NDF : 1430010.9/13

+ sign 623.132+/-0.116 χ^2/NDF : 6494768.1/31

All: 616.688+/-0.082 χ^2/NDF : 13832805.2/64

- sign 610.405+/-0.115 χ^2/NDF : 7331949.2/32

asym_sam_26_avg_mean vs Slug



Right In: 1089.066 $\pm$ 515.272 χ^2 /NDF: 16.9/16

Left Out: 740.636 $\pm$ 175.715 χ^2 /NDF: 26.6/14

Right Out: 345.640 $\pm$ 548.191 χ^2 /NDF: 12.5/18

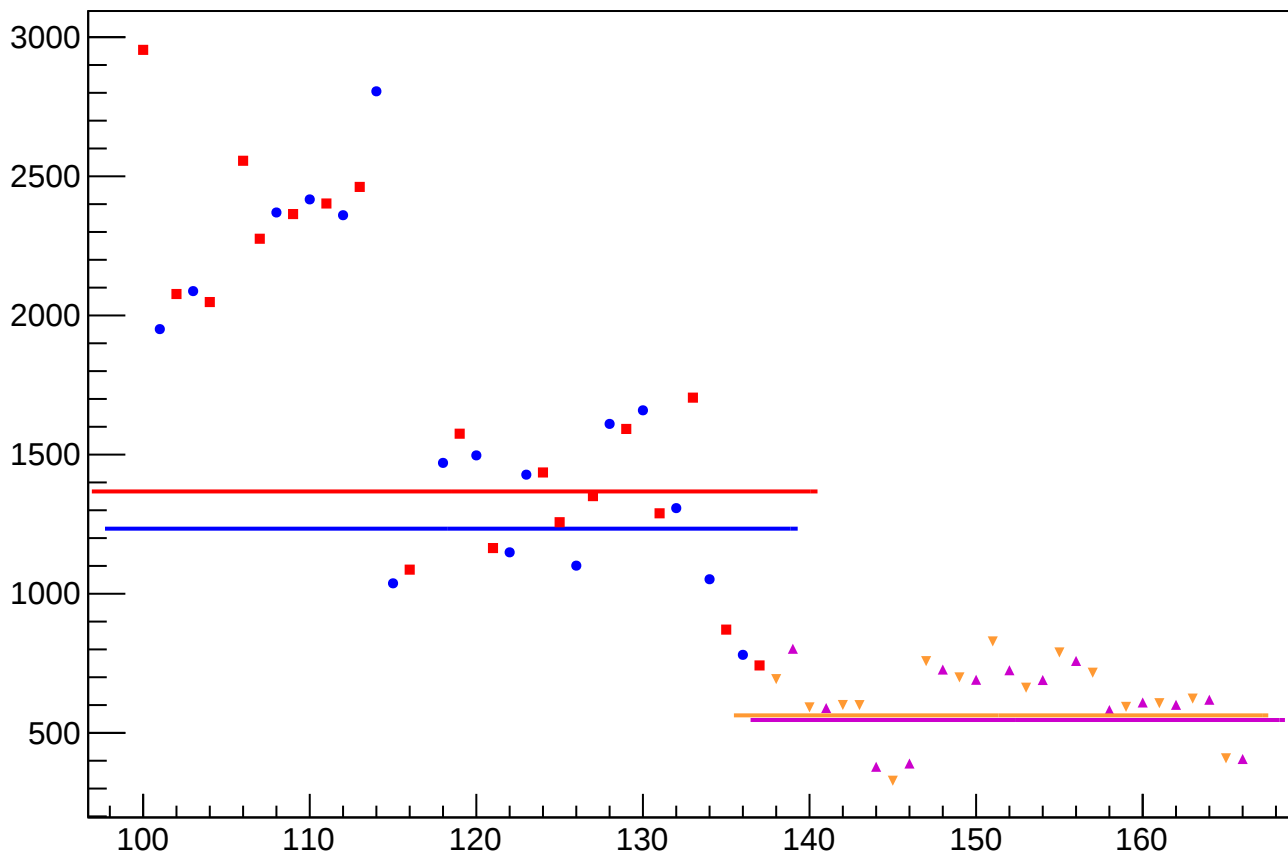
Left In: -318.902 $\pm$ 172.196 χ^2 /NDF: 16.4/13

+ sign 776.933 $\pm$ 166.310 χ^2 /NDF: 43.9/31

All: 252.497 $\pm$ 116.875 χ^2 /NDF: 93.8/64

- sign -259.221 $\pm$ 164.282 χ^2 /NDF: 30.3/32

asym_sam_26_avg_rms vs Slug



Right In: 1233.863 ± 0.364 $\chi^2/\text{NDF}: 1744048.5/16$

Left Out: 563.023 ± 0.124 $\chi^2/\text{NDF}: 1577875.7/14$

Right Out: 1367.609 ± 0.388 $\chi^2/\text{NDF}: 1744594.4/18$

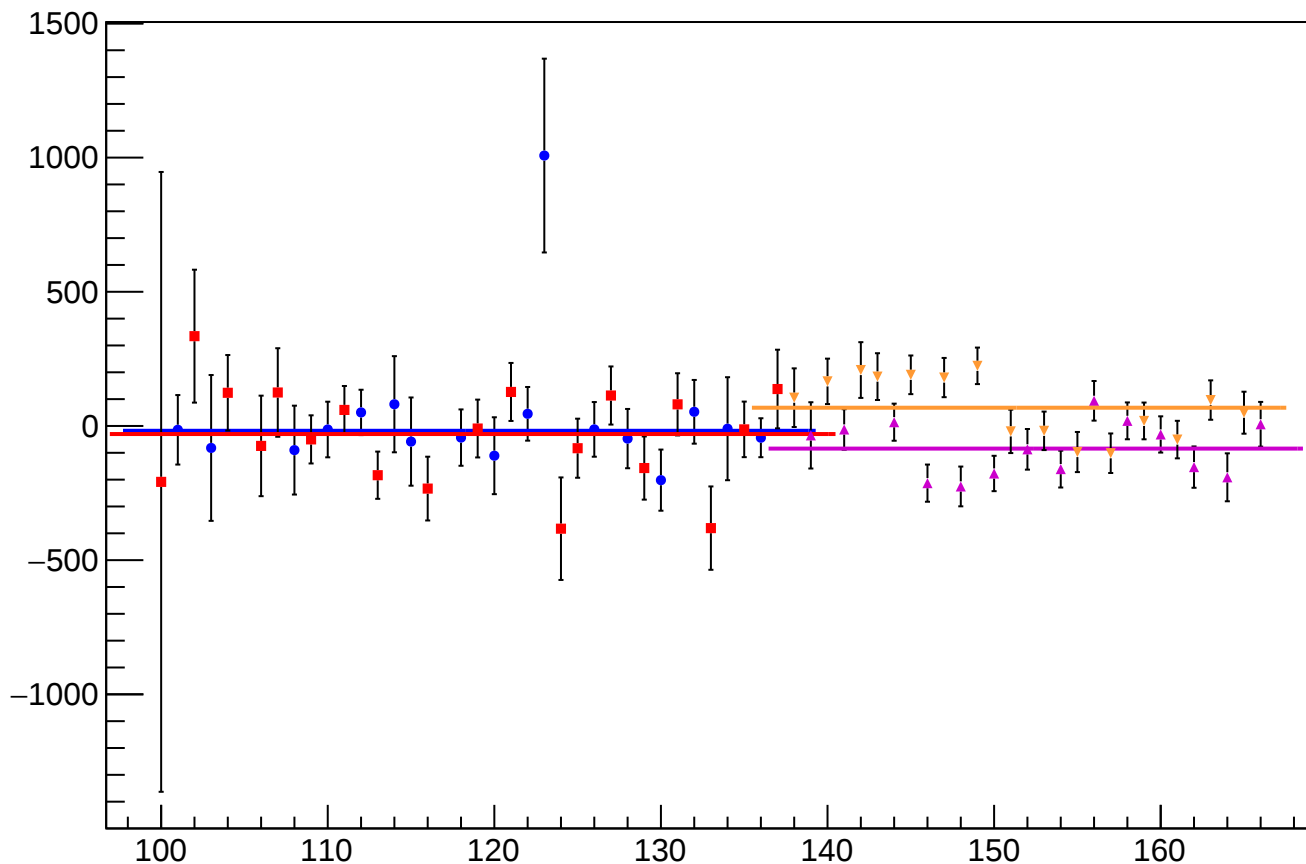
Left In: 546.348 ± 0.122 $\chi^2/\text{NDF}: 1371829.6/13$

+ sign 632.908 ± 0.118 $\chi^2/\text{NDF}: 6358733.6/31$

All: 626.427 ± 0.083 $\chi^2/\text{NDF}: 13566811.5/64$

- sign 620.104 ± 0.116 $\chi^2/\text{NDF}: 7202077.6/32$

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.972 ± 28.848 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 67.983 ± 19.916 $\chi^2/\text{NDF}: 32.0/14$

Right Out: -30.070 ± 27.976 $\chi^2/\text{NDF}: 27.4/18$

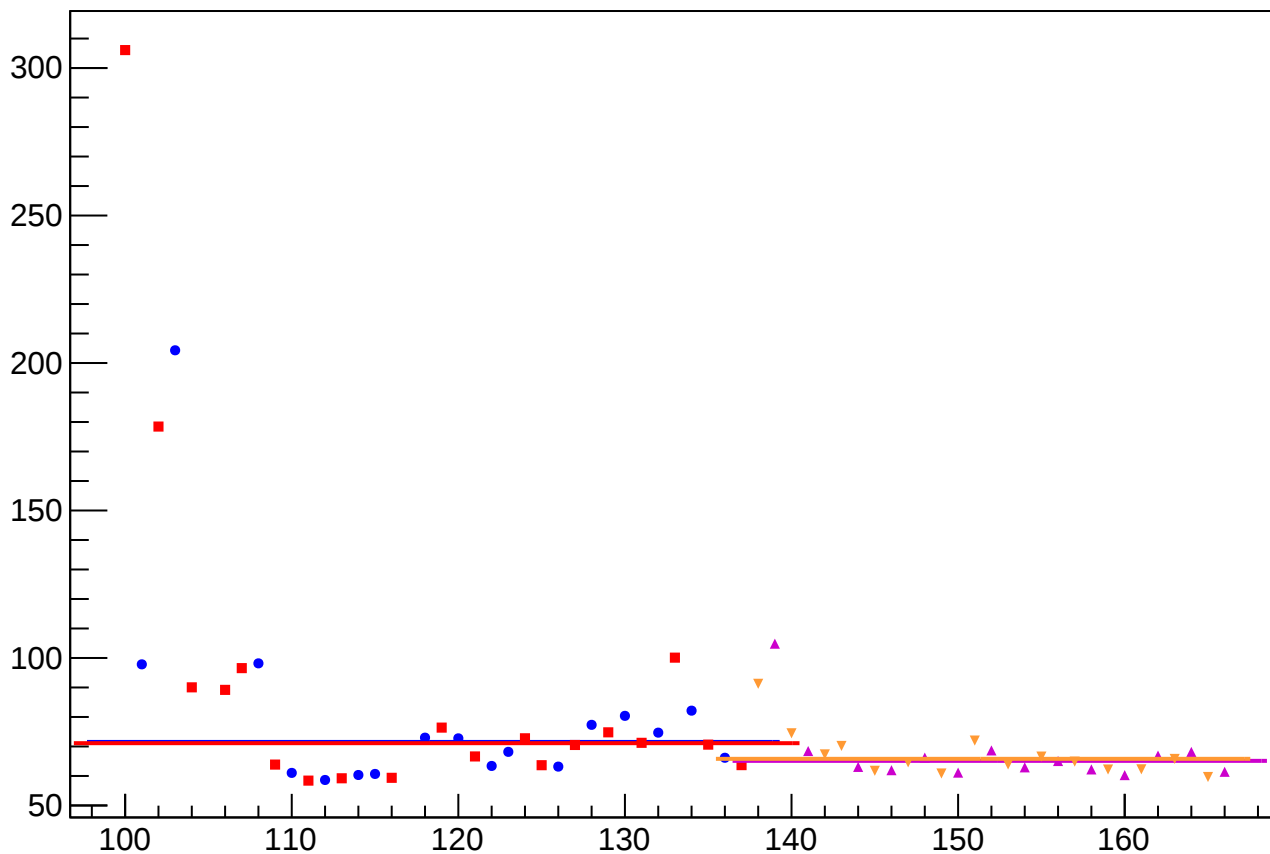
Left In: -84.326 ± 19.956 $\chi^2/\text{NDF}: 25.5/13$

+ sign 40.238 ± 16.390 $\chi^2/\text{NDF}: 51.4/31$

All: -13.363 ± 11.538 $\chi^2/\text{NDF}: 128.0/64$

- sign -66.029 ± 16.246 $\chi^2/\text{NDF}: 55.4/32$

reg_asym_sam_37_avg_rms vs Slug



Right In: 71.536+/-0.020 χ^2/NDF : 758961.6/16

Left Out: 65.809+/-0.014 χ^2/NDF : 189064.5/14

Right Out: 71.115+/-0.020 χ^2/NDF : 765159.2/18

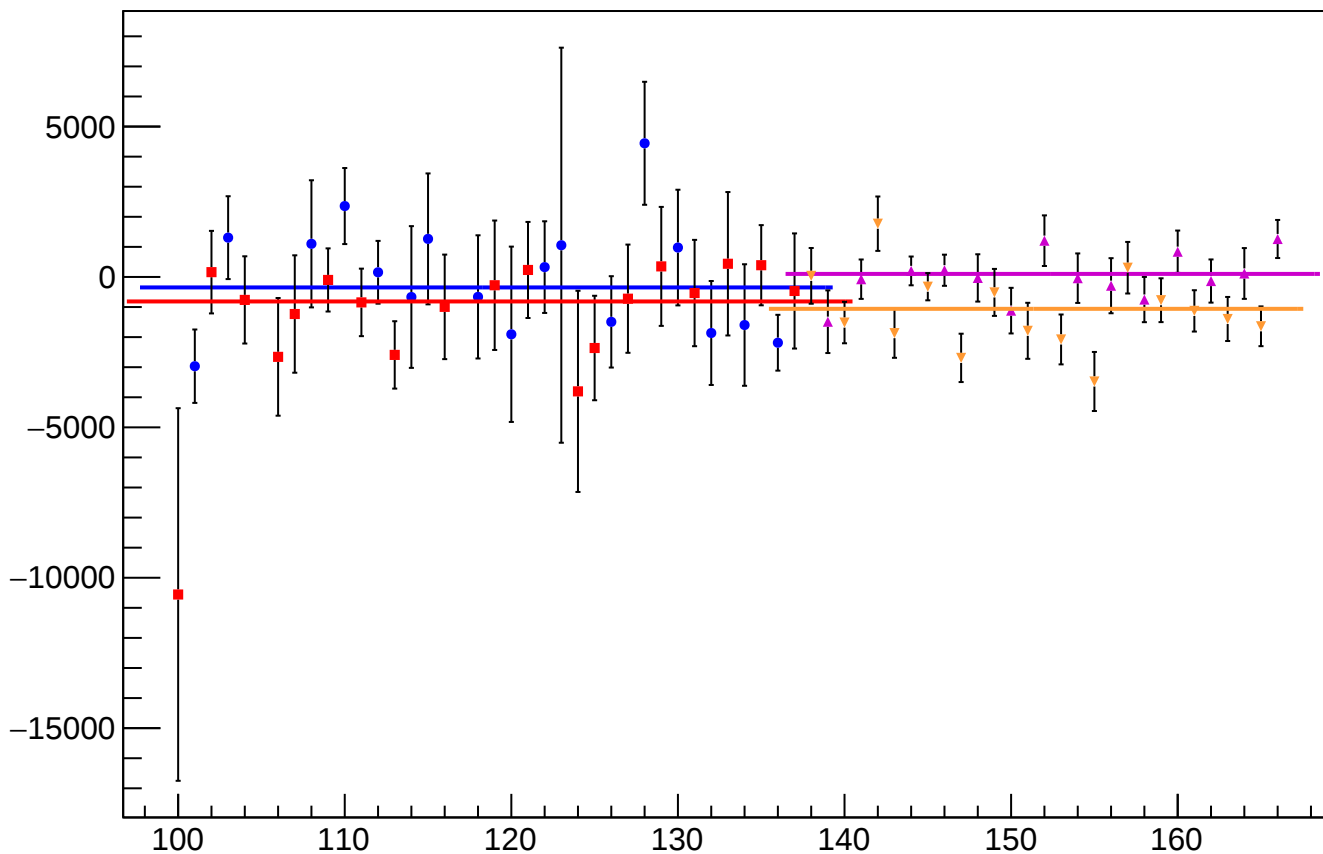
Left In: 65.123+/-0.014 χ^2/NDF : 252196.3/13

+ sign 67.658+/-0.012 χ^2/NDF : 1001404.4/31

All: 67.398+/-0.008 χ^2/NDF : 2080566.2/64

- sign 67.143+/-0.011 χ^2/NDF : 1078169.3/32

asym_sam_37_avg_correction_mean vs Slug



Right In: -347.939 ± 381.994 χ^2/NDF : 24.1/16

Left Out: -1059.383 ± 191.714 χ^2/NDF : 31.7/14

Right Out: -814.154 ± 369.807 χ^2/NDF : 10.5/18

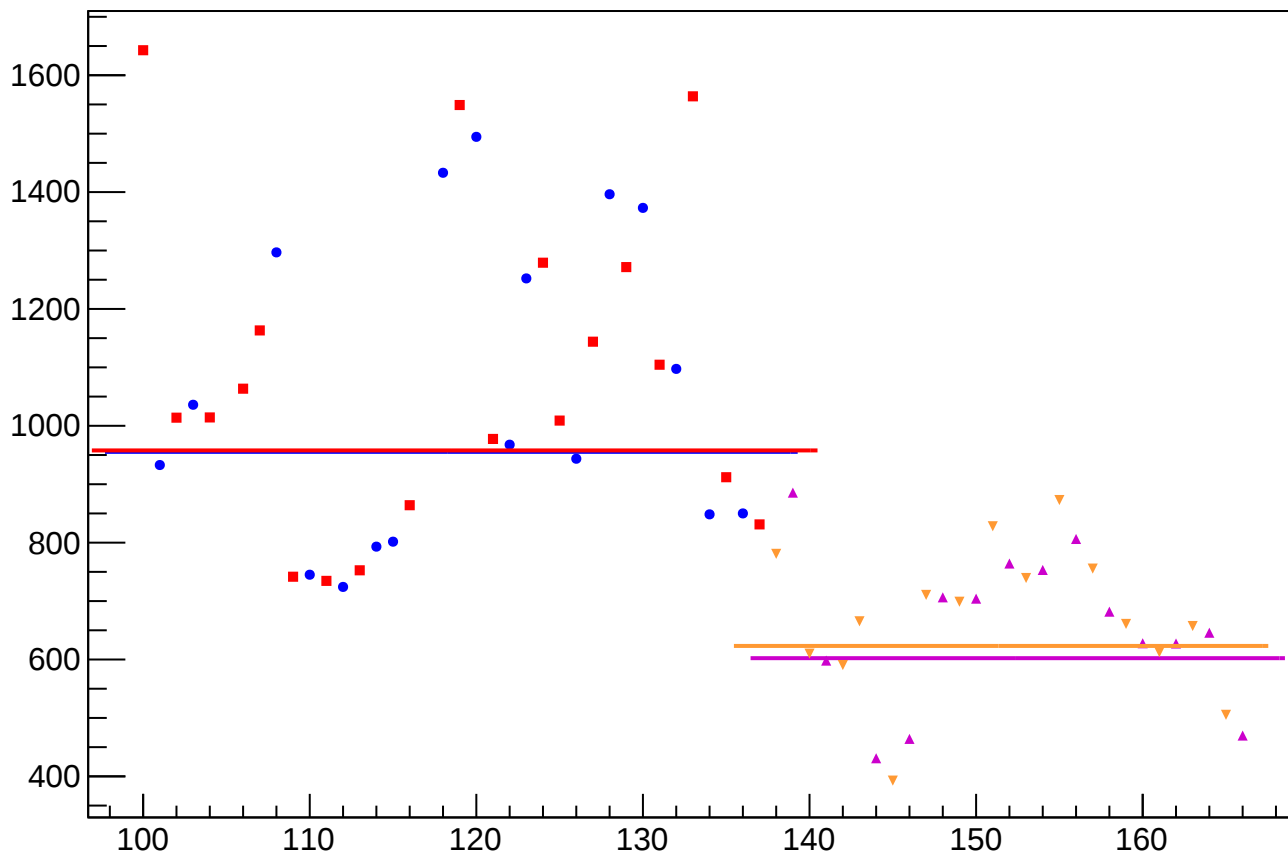
Left In: 101.373 ± 187.574 χ^2/NDF : 12.9/13

+ sign -916.239 ± 171.346 χ^2/NDF : 58.6/31

All: -491.150 ± 119.698 χ^2/NDF : 98.9/64

- sign -85.969 ± 167.285 χ^2/NDF : 28.3/32

asym_sam_37_avg_correction_rms vs Slug



Right In: 955.425 $\pm$ 0.270 χ^2 /NDF: 646512.4/16

Left Out: 623.236 $\pm$ 0.136 χ^2 /NDF:1013842.0/14

Right Out: 957.849 $\pm$ 0.261 χ^2 /NDF: 693081.8/18

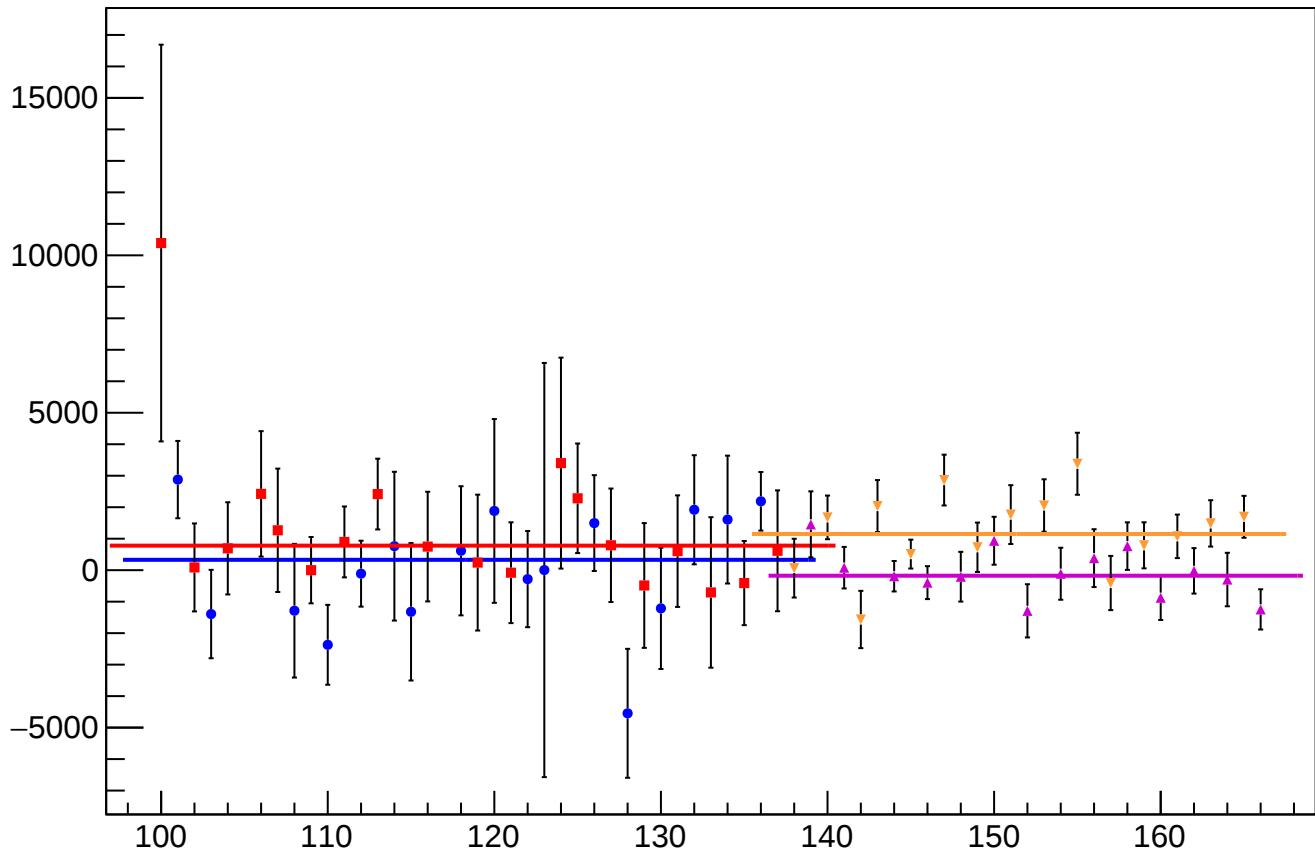
Left In: 602.284 $\pm$ 0.133 χ^2 /NDF:979203.6/13

+ sign 690.073 $\pm$ 0.121 χ^2 /NDF: 2868518.2/31

All: 682.378 $\pm$ 0.085 χ^2 /NDF: 6019260.3/64

- sign 675.042 $\pm$ 0.118 χ^2 /NDF: 3142862.0/32

asym_sam_37_avg_mean vs Slug



Right In: 329.164 $\pm$ 383.728 χ^2 /NDF: 24.3/16

Left Out: 1149.911 $\pm$ 192.993 χ^2 /NDF:29.9/14

Right Out: 779.623 $\pm$ 371.673 χ^2 /NDF: 9.3/18

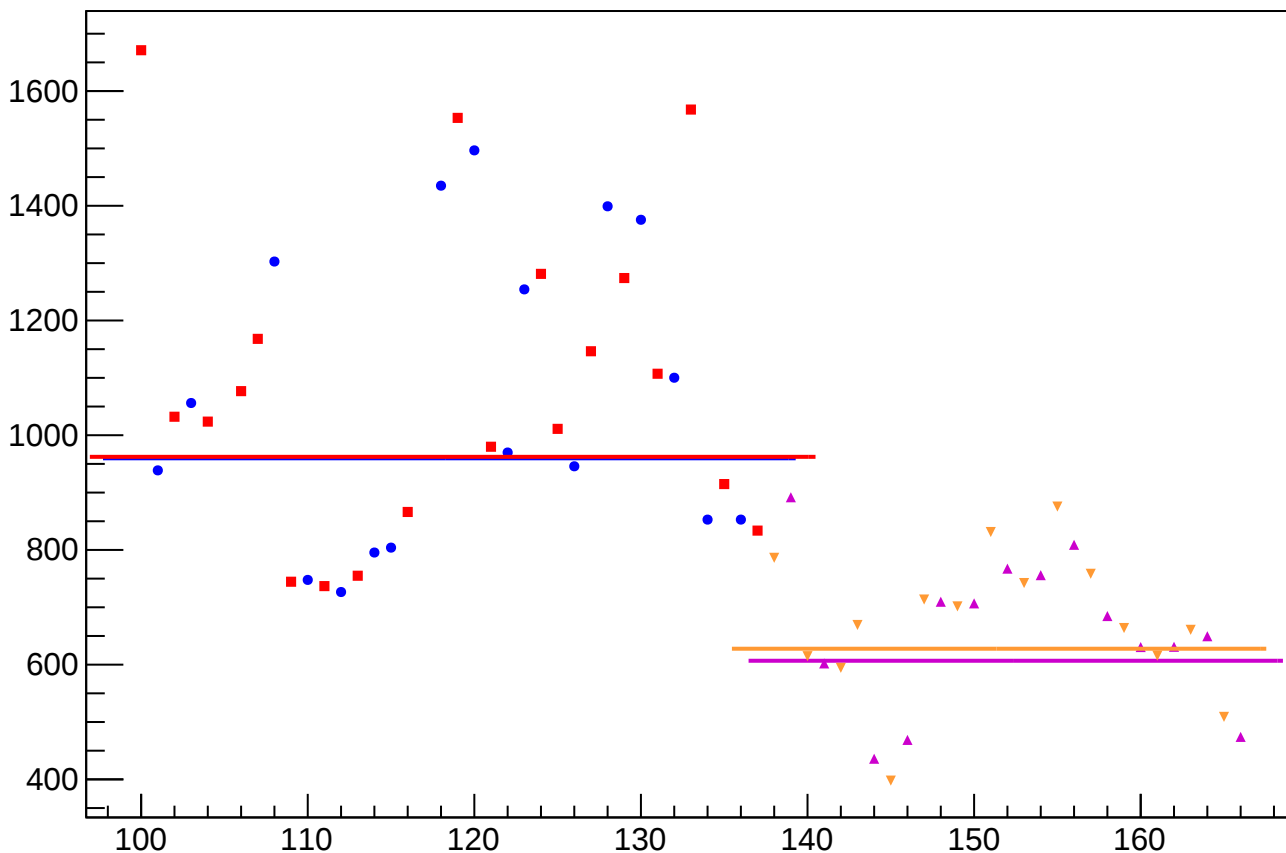
Left In: -175.606 $\pm$ 188.868 χ^2 /NDF:12.4/13

+ sign 984.216 $\pm$ 172.415 χ^2 /NDF: 57.8/31

All: 490.904 $\pm$ 120.462 χ^2 /NDF: 100.8/64

- sign 20.434 $\pm$ 168.376 χ^2 /NDF: 27.0/32

asym_sam_37_avg_rms vs Slug



Right In: 959.770 $\pm$ 0.271 χ^2 /NDF: 646727.9/16

Left Out: 627.773 $\pm$ 0.136 χ^2 /NDF:987165.3/14

Right Out: 962.314 $\pm$ 0.263 χ^2 /NDF: 695757.2/18

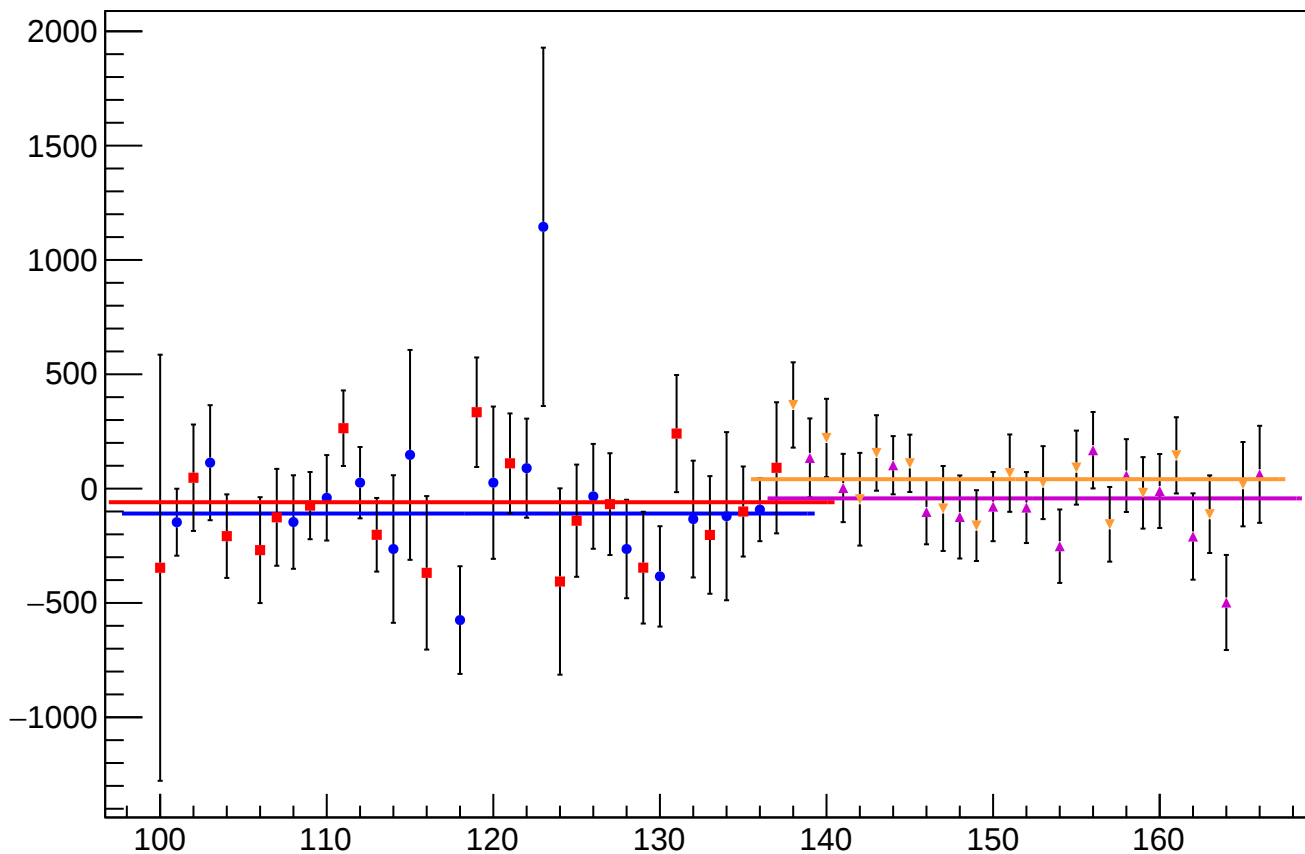
Left In: 606.790 $\pm$ 0.134 χ^2 /NDF:956645.5/13

+ sign 694.798 $\pm$ 0.122 χ^2 /NDF: 2828757.6/31

All: 687.097 $\pm$ 0.085 χ^2 /NDF: 5943367.9/64

- sign 679.754 $\pm$ 0.119 χ^2 /NDF: 3106816.2/32

reg_asym_sam_48_avg_mean vs Slug



Right In: -108.977 ± 52.923 χ^2/NDF : 12.0/16

Left Out: 41.236 ± 42.680 χ^2/NDF : 10.3/14

Right Out: -59.475 ± 50.822 χ^2/NDF : 14.9/18

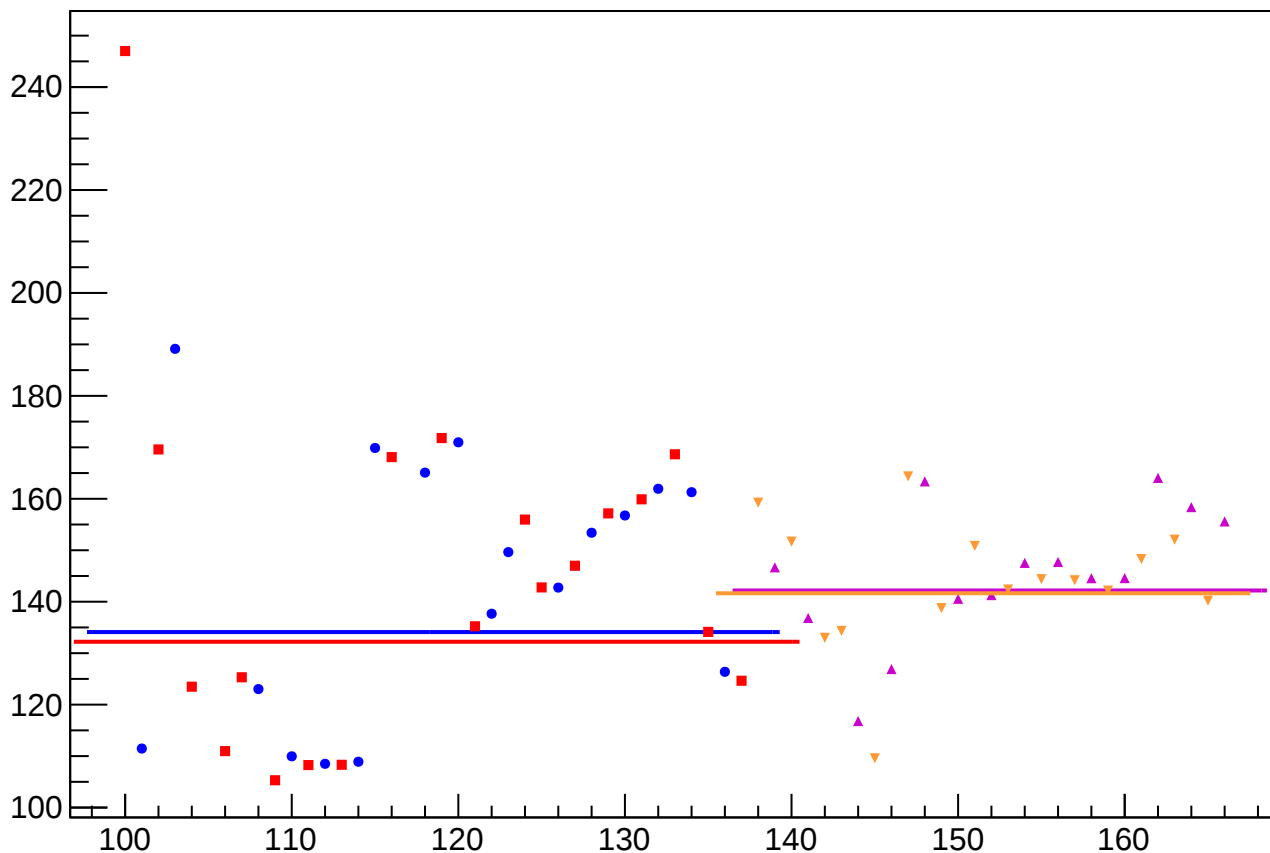
Left In: -42.701 ± 43.391 χ^2/NDF : 12.5/13

+ sign -17.959 ± 33.223 χ^2/NDF : 27.1/31

All: -33.974 ± 23.413 χ^2/NDF : 55.0/64

- sign -49.774 ± 33.000 χ^2/NDF : 27.4/32

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.103+/-0.037 χ^2/NDF : 402581.2/16

Left Out: 141.640+/-0.030 χ^2/NDF : 211386.3/14

Right Out: 132.219+/-0.036 χ^2/NDF : 441738.5/18

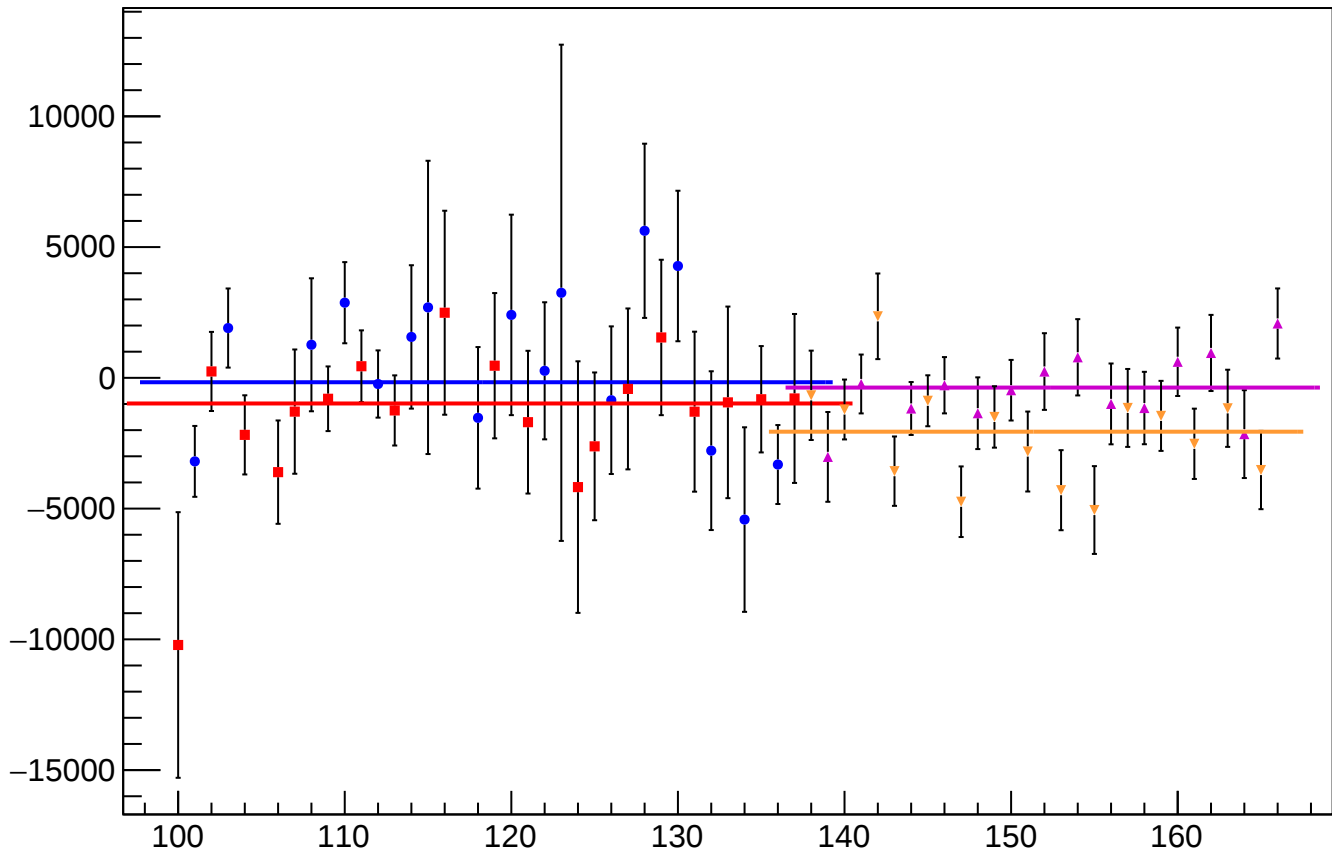
Left In: 142.181+/-0.031 χ^2/NDF : 186407.7/13

+ sign 138.670+/-0.023 χ^2/NDF : 638542.4/31

All: 138.323+/-0.017 χ^2/NDF : 1311570.9/64

- sign 137.981+/-0.023 χ^2/NDF : 672595.7/32

asym_sam_48_avg_correction_mean vs Slug



Right In: -168.237 ± 523.672 χ^2/NDF : 25.3/16

Left Out: -2059.290 ± 352.447 χ^2/NDF : 23.0/14

Right Out: -980.517 ± 480.968 χ^2/NDF : 10.2/18

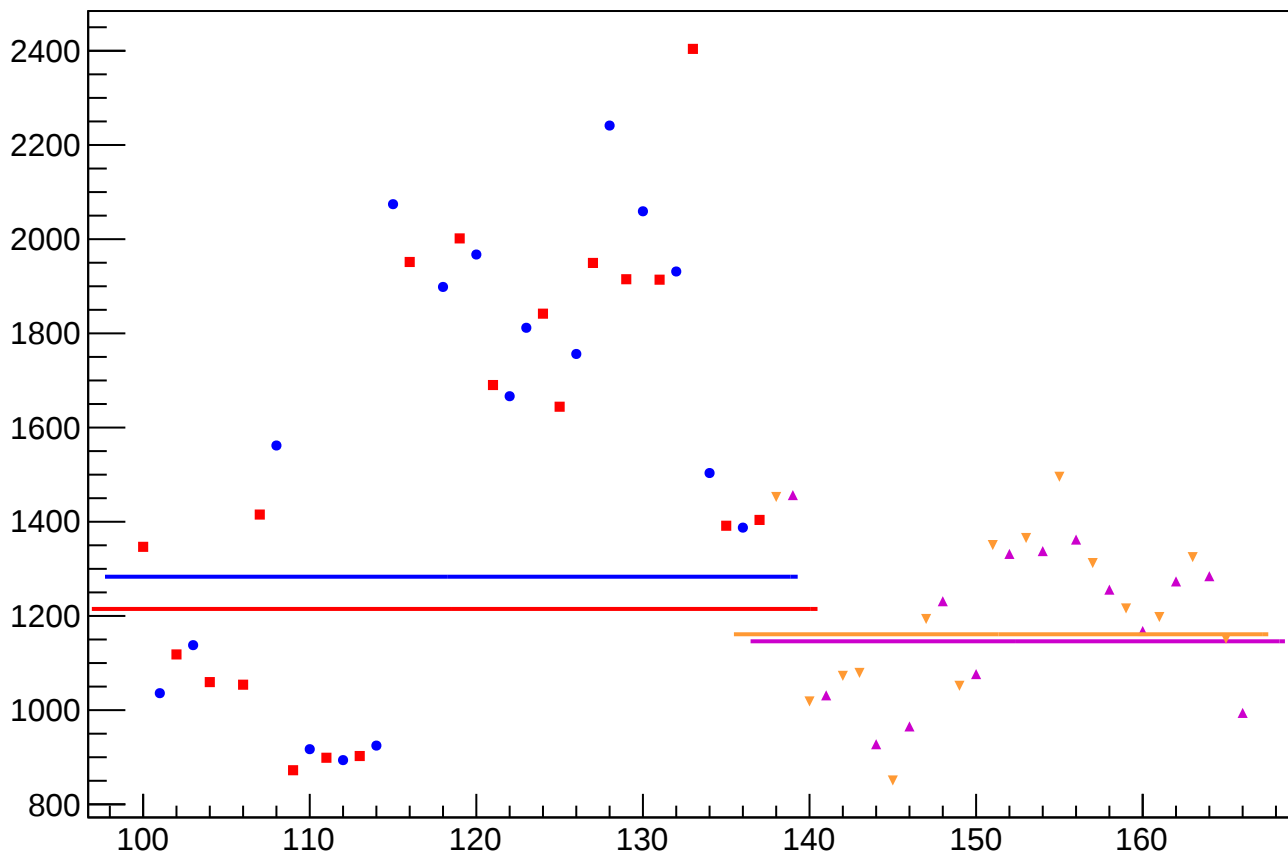
Left In: -372.187 ± 351.616 χ^2/NDF : 10.7/13

+ sign -1469.747 ± 292.392 χ^2/NDF : 57.3/31

All: -1013.785 ± 203.666 χ^2/NDF : 83.9/64

- sign -584.067 ± 283.852 χ^2/NDF : 21.9/32

asym_sam_48_avg_correction_rms vs Slug



Right In: 1283.318+/-0.370 χ^2/NDF : 1169431.5/16

Left Out: 1161.096+/-0.249 χ^2/NDF : 520031.0/14

Right Out: 1214.883+/-0.340 χ^2/NDF : 1360860.3/18

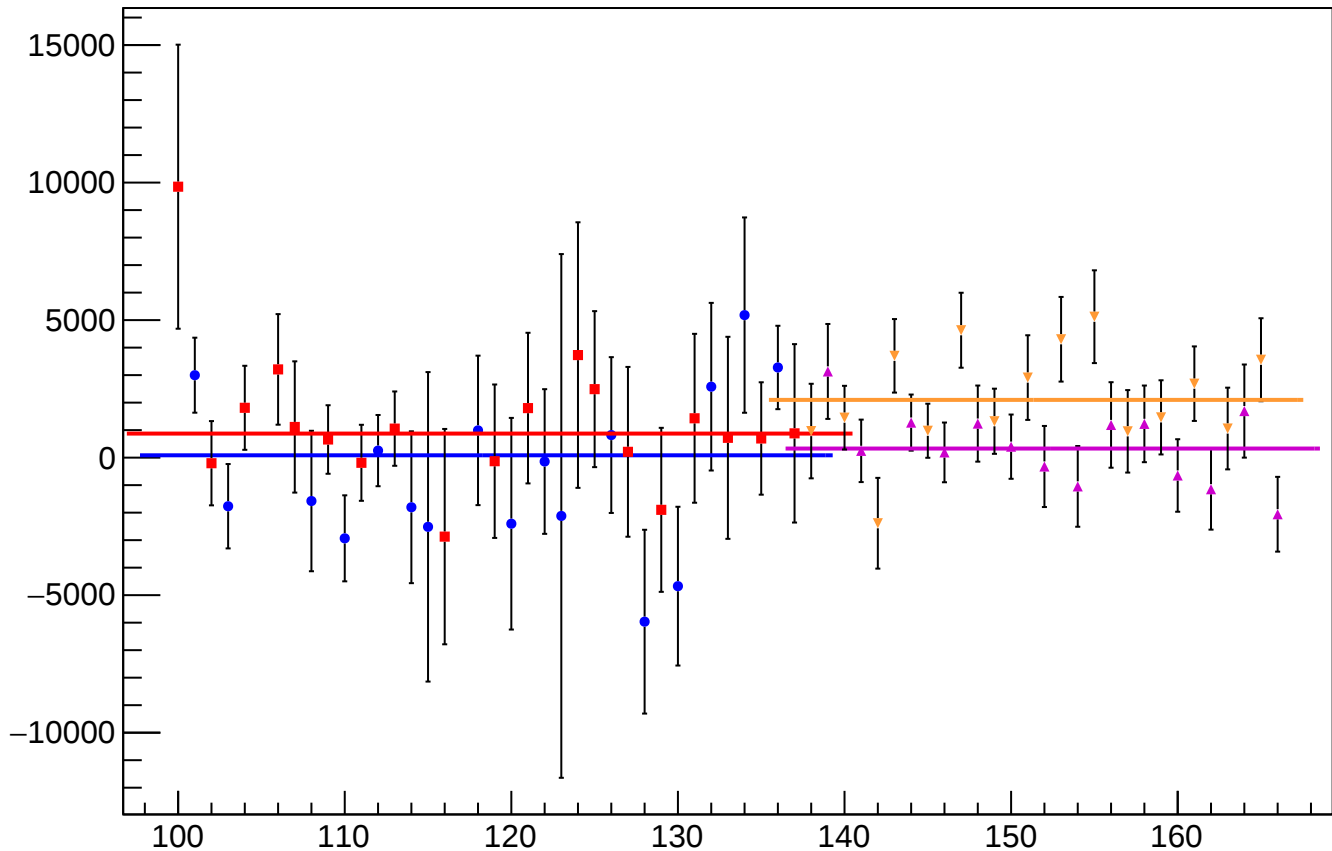
Left In: 1146.165+/-0.249 χ^2/NDF : 424028.6/13

+ sign 1199.199+/-0.207 χ^2/NDF : 1764443.2/31

All: 1184.218+/-0.144 χ^2/NDF : 3586137.0/64

- sign 1170.099+/-0.201 χ^2/NDF : 1811495.3/32

asym_sam_48_avg_mean vs Slug



Right In: 85.077 $\pm$ 527.082 χ^2 /NDF: 24.7/16

Left Out: 2099.547 $\pm$ 355.206 χ^2 /NDF:22.7/14

Right Out: 874.592 $\pm$ 484.647 χ^2 /NDF: 8.7/18

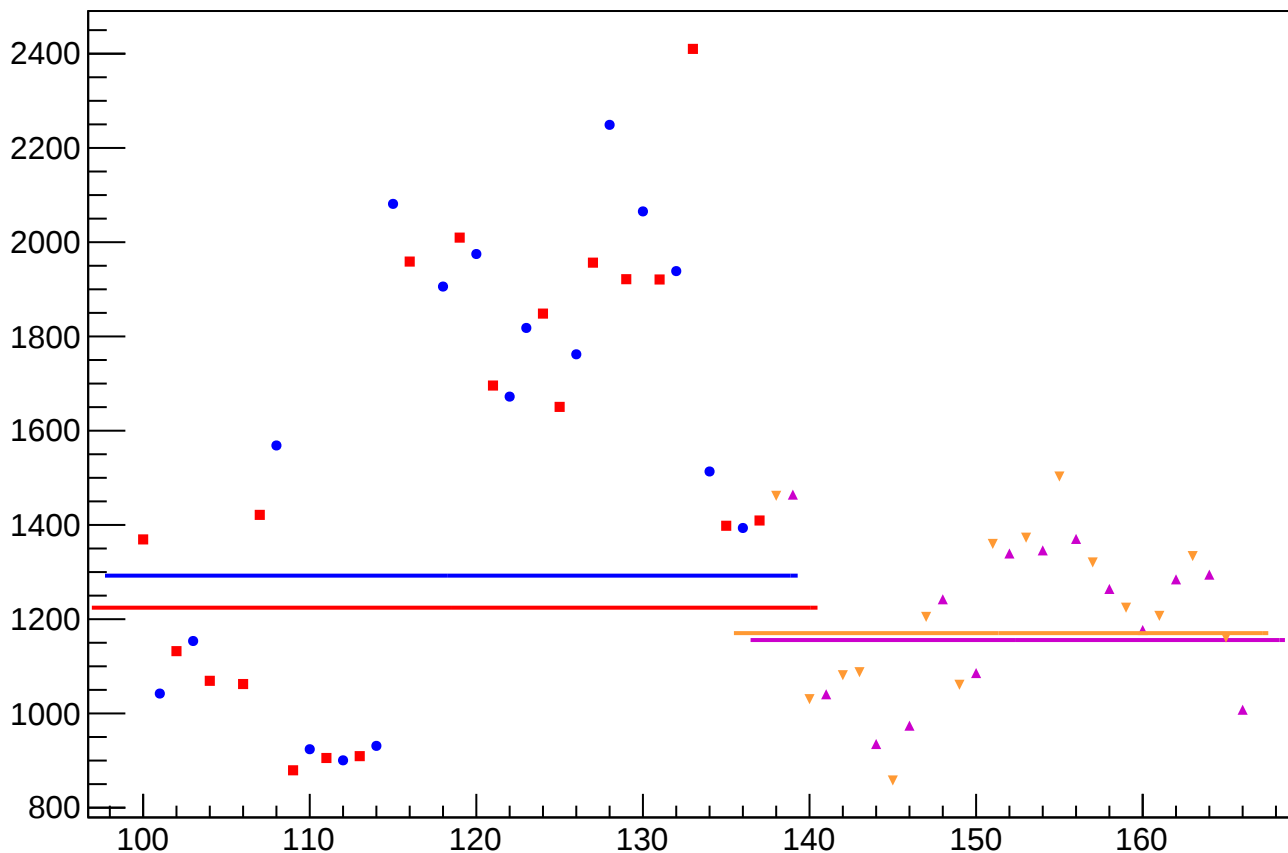
Left In: 330.326 $\pm$ 354.485 χ^2 /NDF:11.0/13

+ sign 1470.398 $\pm$ 294.561 χ^2 /NDF: 57.5/31

All: 981.393 $\pm$ 205.236 χ^2 /NDF: 83.4/64

- sign 520.019 $\pm$ 286.118 χ^2 /NDF: 20.5/32

asym_sam_48_avg_rms vs Slug



Right In: 1292.426+/-0.373 χ^2/NDF : 1156576.0/16

Left Out: 1170.434+/-0.251 χ^2/NDF : 512647.0/14

Right Out: 1224.429+/-0.343 χ^2/NDF : 1345748.2/18

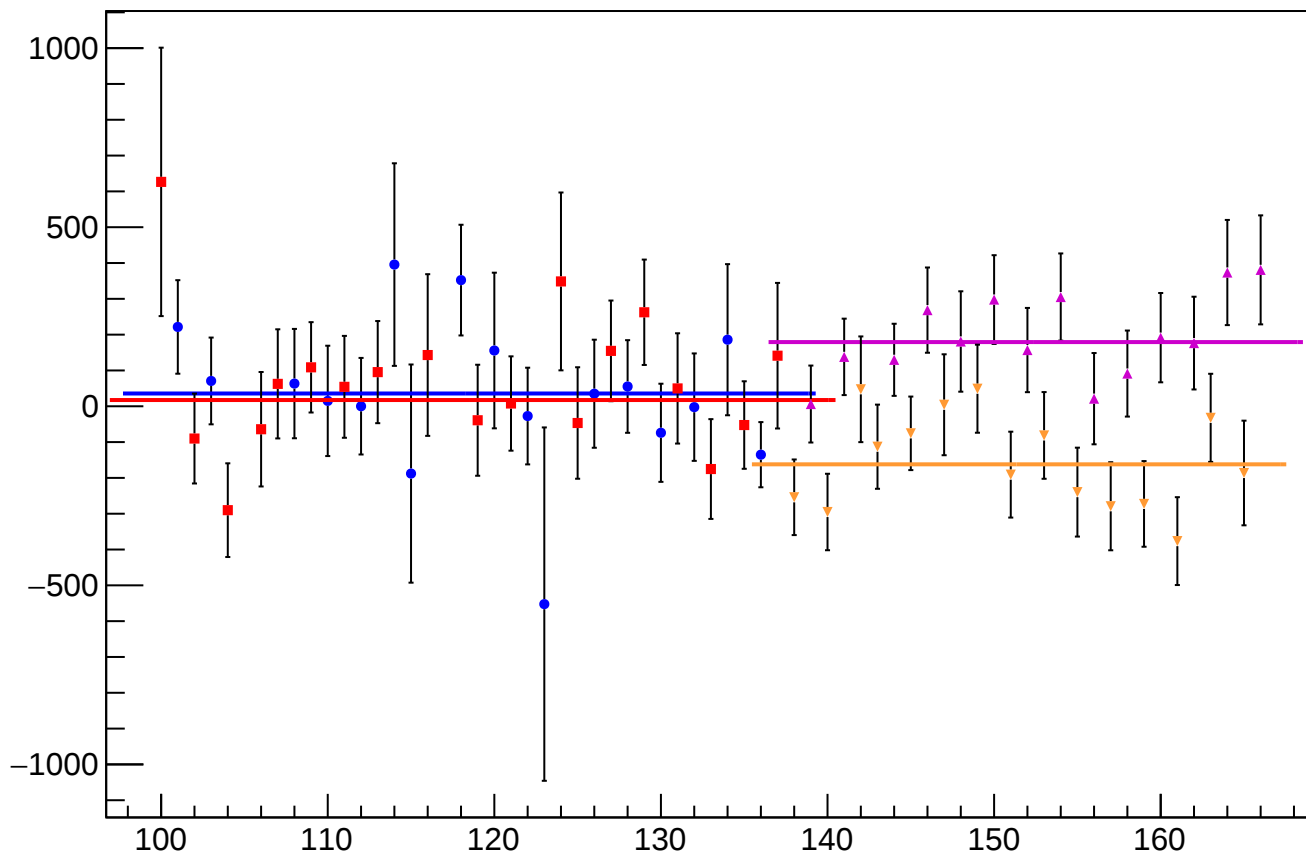
Left In: 1155.753+/-0.251 χ^2/NDF : 416960.6/13

+ sign 1208.534+/-0.208 χ^2/NDF : 1742898.5/31

All: 1193.692+/-0.145 χ^2/NDF : 3541638.9/64

- sign 1179.689+/-0.202 χ^2/NDF : 1788872.0/32

reg_asym_sam_15_dd_mean vs Slug



Right In: 35.679+/-36.350 χ^2/NDF : 15.3/16

Left Out: -162.105+/-31.229 χ^2/NDF :16.4/14

Right Out: 17.418+/-34.691 χ^2/NDF : 18.9/18

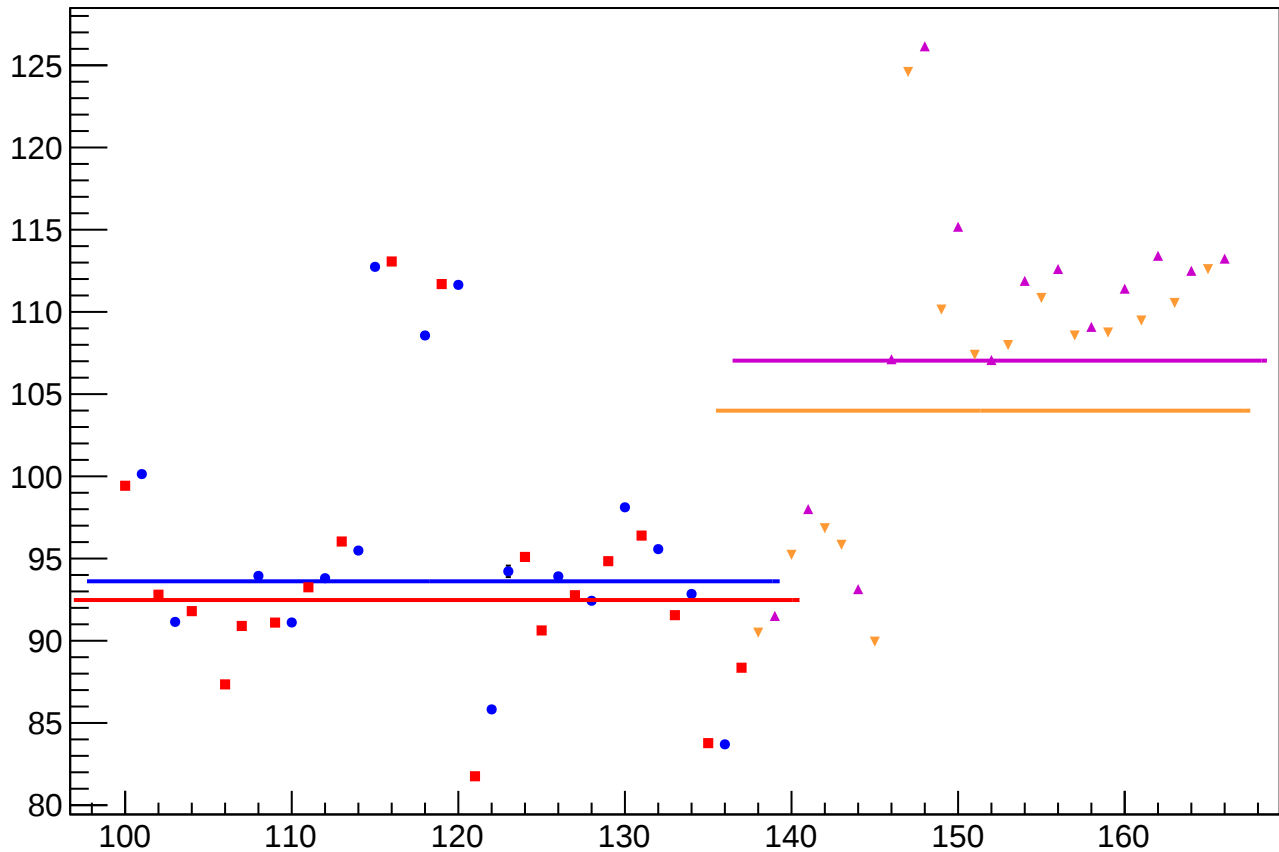
Left In: 179.243+/-32.548 χ^2/NDF :11.2/13

+ sign -78.117+/-23.688 χ^2/NDF : 48.7/31

All: 12.497+/-16.767 χ^2/NDF : 119.7/64

- sign 103.483+/-23.736 χ^2/NDF : 41.6/32

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.616+/-0.026 χ^2/NDF : 79928.5/16

Left Out: 103.994+/-0.022 χ^2/NDF : 178154.5/14

Right Out: 92.477+/-0.025 χ^2/NDF : 78591.0/18

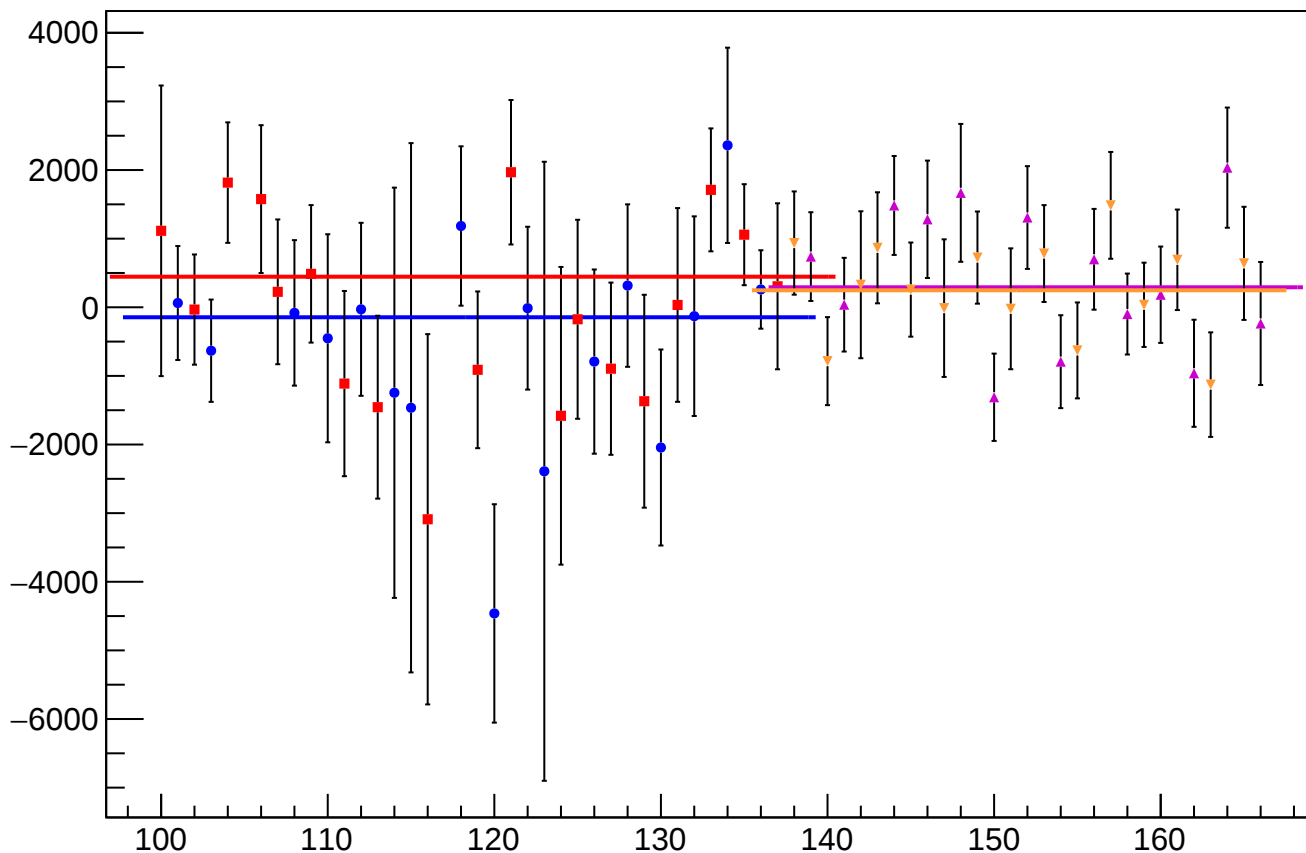
Left In: 107.036+/-0.023 χ^2/NDF : 161059.2/13

+ sign 99.587+/-0.017 χ^2/NDF : 351872.8/31

All: 99.903+/-0.012 χ^2/NDF : 779587.2/64

- sign 100.220+/-0.017 χ^2/NDF : 427000.6/32

asym_sam_15_dd_correction_mean vs Slug



Right In: -145.464 ± 276.629 χ^2/NDF : 15.5/16

Left Out: 247.466 ± 193.738 χ^2/NDF : 13.3/14

Right Out: 445.575 ± 260.276 χ^2/NDF : 19.0/18

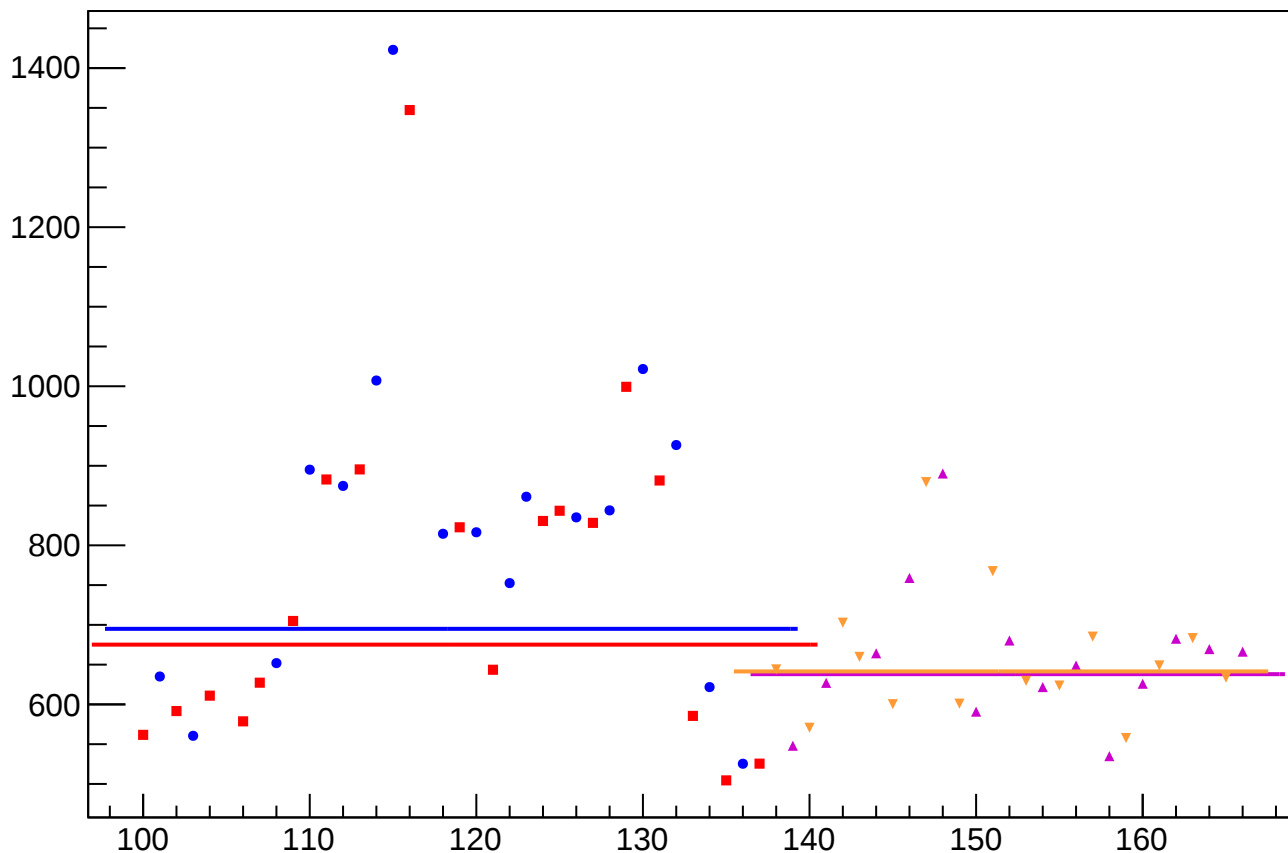
Left In: 291.309 ± 195.353 χ^2/NDF : 25.0/13

+ sign 118.160 ± 158.690 χ^2/NDF : 30.2/31

All: 234.308 ± 111.335 χ^2/NDF : 75.4/64

- sign 346.898 ± 156.240 χ^2/NDF : 44.2/32

asym_sam_15_dd_correction_rms vs Slug



Right In: 695.014+/-0.196 χ^2/NDF : 677713.0/16

Left Out: 641.470+/-0.137 χ^2/NDF : 252019.8/14

Right Out: 675.151+/-0.184 χ^2/NDF : 676394.1/18

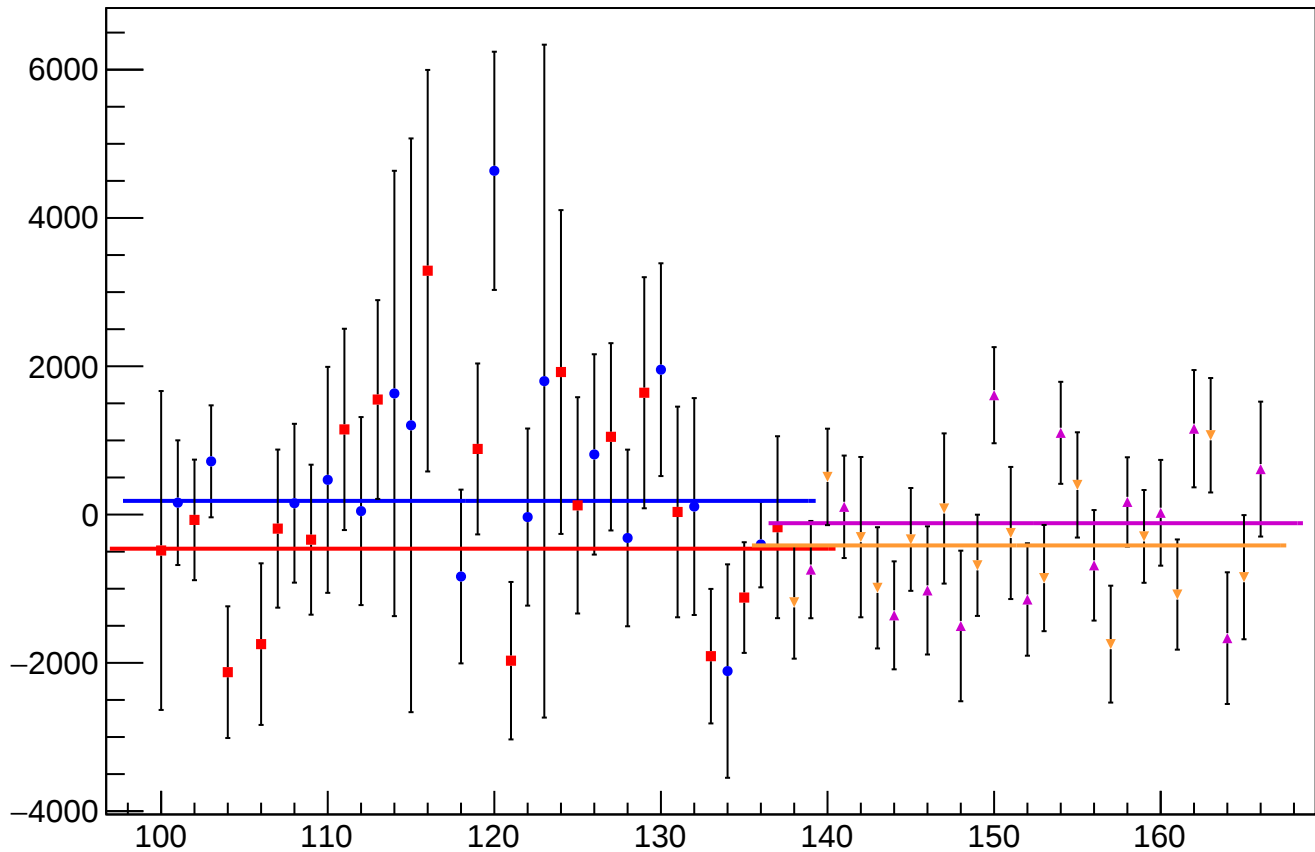
Left In: 638.020+/-0.138 χ^2/NDF : 299759.0/13

+ sign 659.090+/-0.112 χ^2/NDF : 980004.9/31

All: 655.185+/-0.079 χ^2/NDF : 1984578.5/64

- sign 651.400+/-0.110 χ^2/NDF : 1002188.7/32

asym_sam_15_dd_mean vs Slug



Right In: 184.518 ± 279.390 χ^2/NDF : 14.9/16

Left Out: -416.219 ± 196.417 χ^2/NDF : 13.3/14

Right Out: -460.174 ± 262.960 χ^2/NDF : 22.3/18

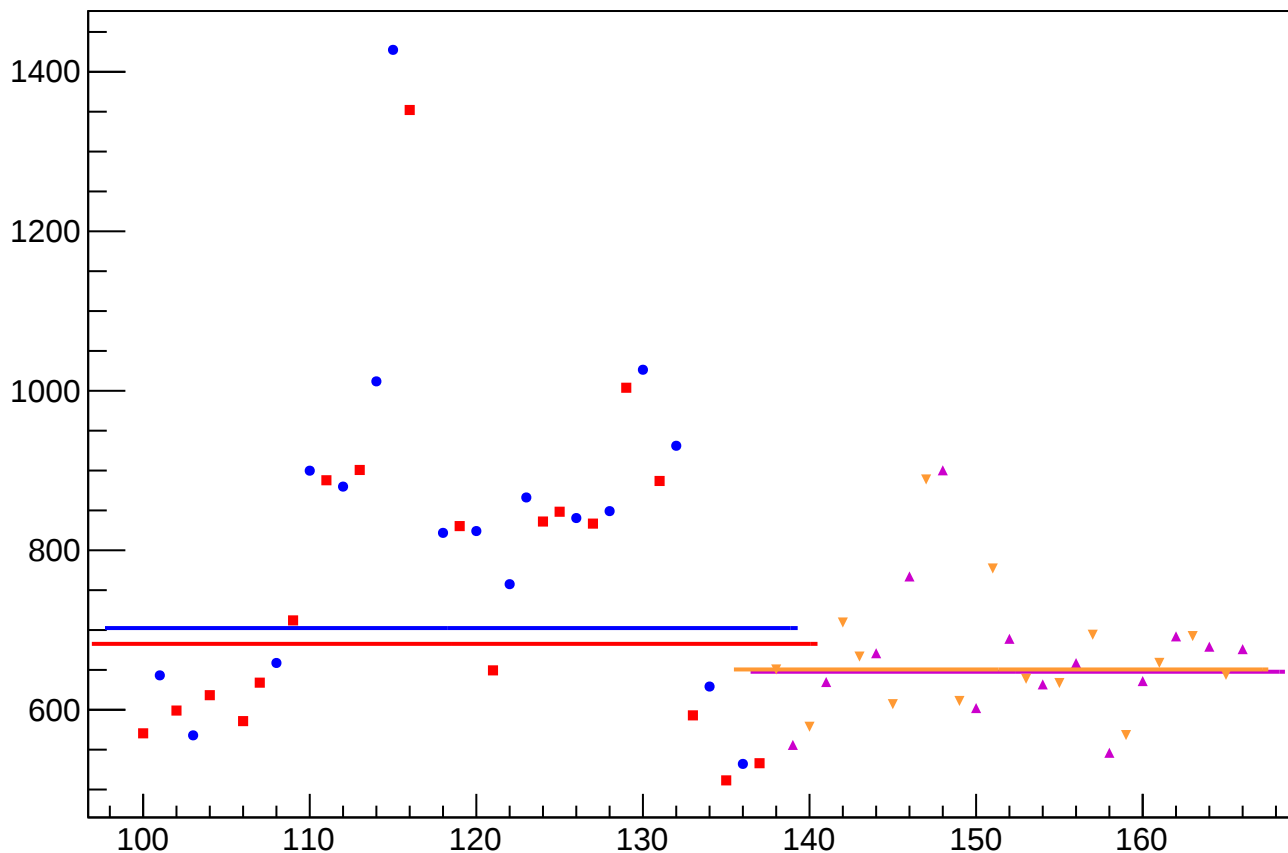
Left In: -116.390 ± 198.239 χ^2/NDF : 26.1/13

+ sign -217.518 ± 160.683 χ^2/NDF : 31.4/31

All: -229.419 ± 112.767 χ^2/NDF : 80.8/64

- sign -240.970 ± 158.296 χ^2/NDF : 49.5/32

asym_sam_15_dd_rms vs Slug



Right In: 702.469 $\pm$ 0.198 χ^2 /NDF: 660525.4/16

Left Out: 650.563 $\pm$ 0.139 χ^2 /NDF: 245367.8/14

Right Out: 682.662 $\pm$ 0.186 χ^2 /NDF: 659521.7/18

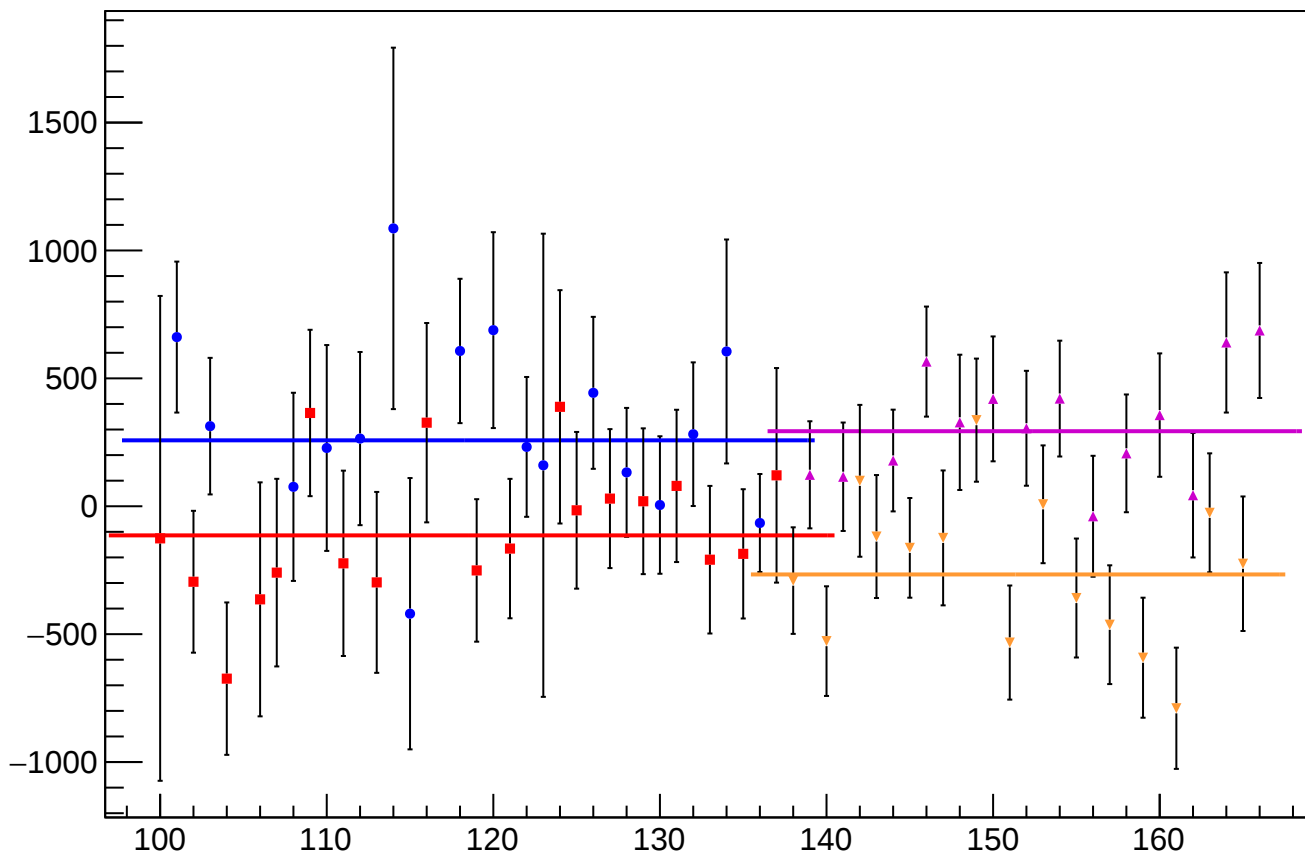
Left In: 647.698 $\pm$ 0.140 χ^2 /NDF: 289422.6/13

+ sign 667.731 $\pm$ 0.114 χ^2 /NDF: 952091.5/31

All: 663.995 $\pm$ 0.080 χ^2 /NDF: 1925711.7/64

- sign 660.368 $\pm$ 0.112 χ^2 /NDF: 971488.9/32

reg_asym_sam_26_dd_mean vs Slug



Right In: 257.721 $\pm$ 75.931 χ^2 /NDF: 13.0/16

Left Out: -266.574 $\pm$ 60.151 χ^2 /NDF: 21.9/14

Right Out: -113.851 $\pm$ 74.211 χ^2 /NDF: 11.2/18

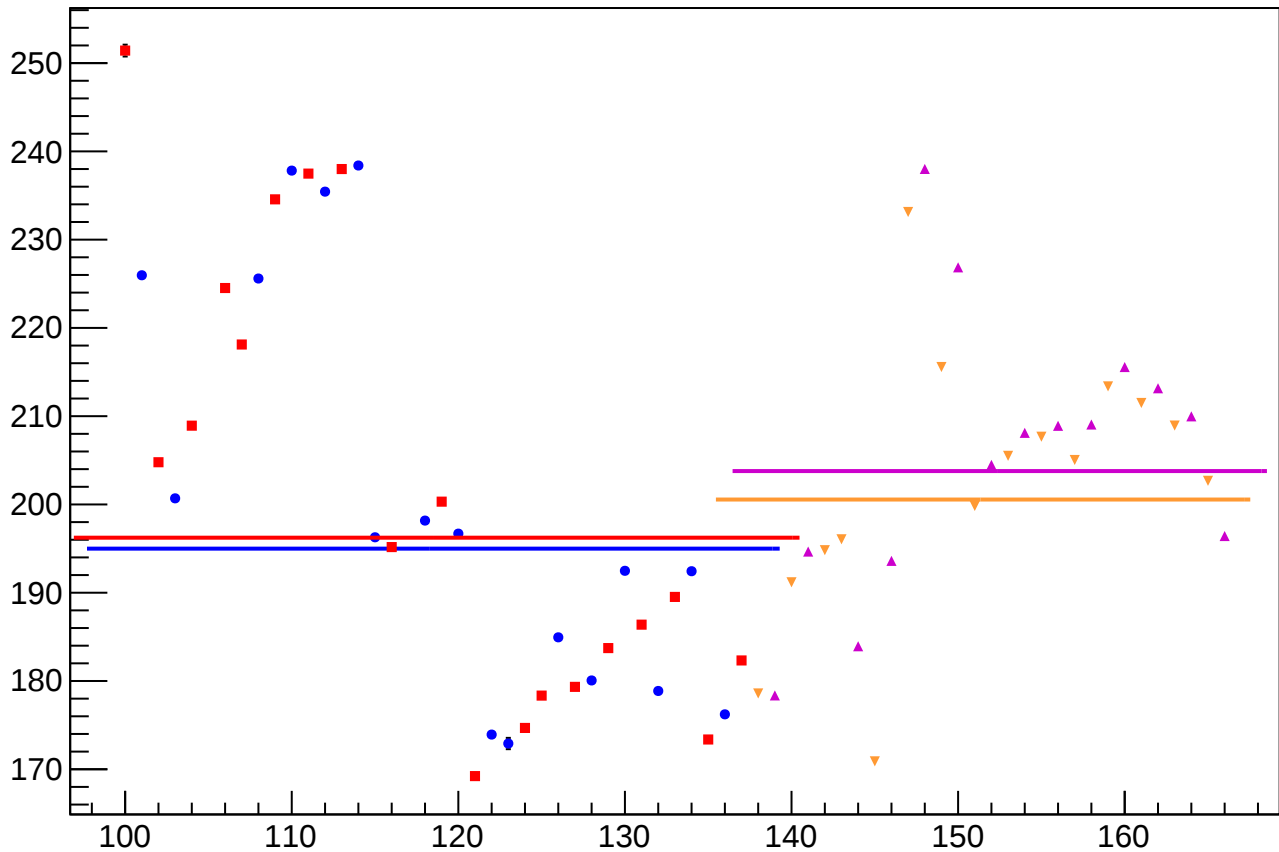
Left In: 293.427 $\pm$ 61.912 χ^2 /NDF: 11.0/13

+ sign -64.416 $\pm$ 47.150 χ^2 /NDF: 64.2/31

All: 30.149 $\pm$ 33.477 χ^2 /NDF: 112.3/64

- sign 126.288 $\pm$ 47.540 χ^2 /NDF: 40.0/32

reg_asym_sam_26_dd_rms vs Slug



Right In: 194.994 $\pm$ 0.054 χ^2 /NDF: 144271.1/16

Left Out: 200.557 $\pm$ 0.043 χ^2 /NDF:128686.9/14

Right Out: 196.235 $\pm$ 0.052 χ^2 /NDF: 173491.6/18

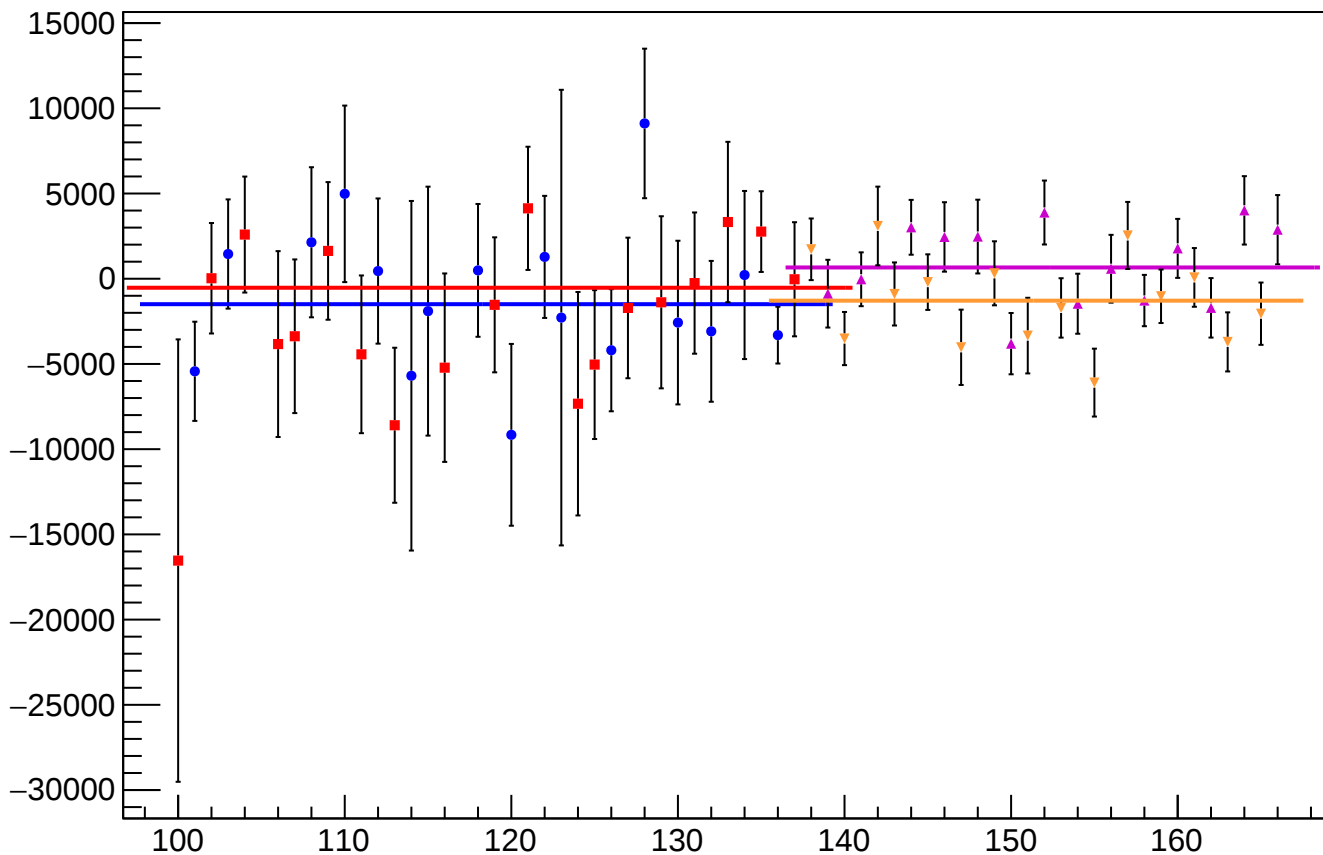
Left In: 203.782 $\pm$ 0.044 χ^2 /NDF:122034.5/13

+ sign 198.412 $\pm$ 0.033 χ^2 /NDF: 279553.9/31

All: 199.539 $\pm$ 0.024 χ^2 /NDF: 589581.3/64

- sign 200.685 $\pm$ 0.034 χ^2 /NDF: 307723.2/32

asym_sam_26_dd_correction_mean vs Slug



Right In: -1493.280 ± 910.834 χ^2/NDF : 16.1/16

Left Out: -1286.841 ± 472.476 χ^2/NDF : 24.5/14

Right Out: -528.758 ± 934.718 χ^2/NDF : 14.6/18

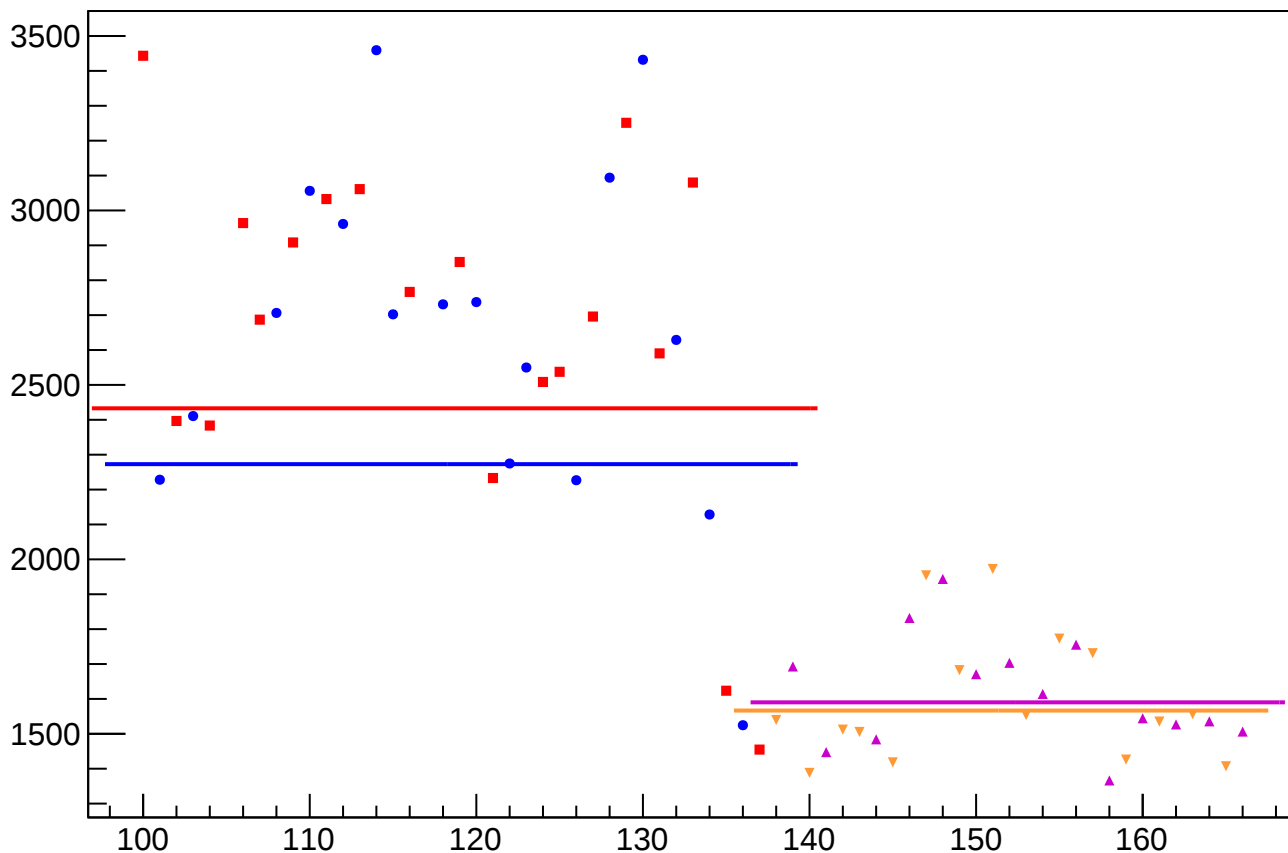
Left In: 661.170 ± 484.610 χ^2/NDF : 22.9/13

+ sign -1330.612 ± 419.407 χ^2/NDF : 40.7/31

All: -482.913 ± 300.317 χ^2/NDF : 87.9/64

- sign 409.083 ± 430.225 χ^2/NDF : 38.8/32

asym_sam_26_dd_correction_rms vs Slug



Right In: 2272.883 $\pm$ 0.644 χ^2/NDF : 805650.3/16

Left Out: 1566.705 $\pm$ 0.334 χ^2/NDF : 250148.9/14

Right Out: 2432.950 $\pm$ 0.661 χ^2/NDF : 680783.9/18

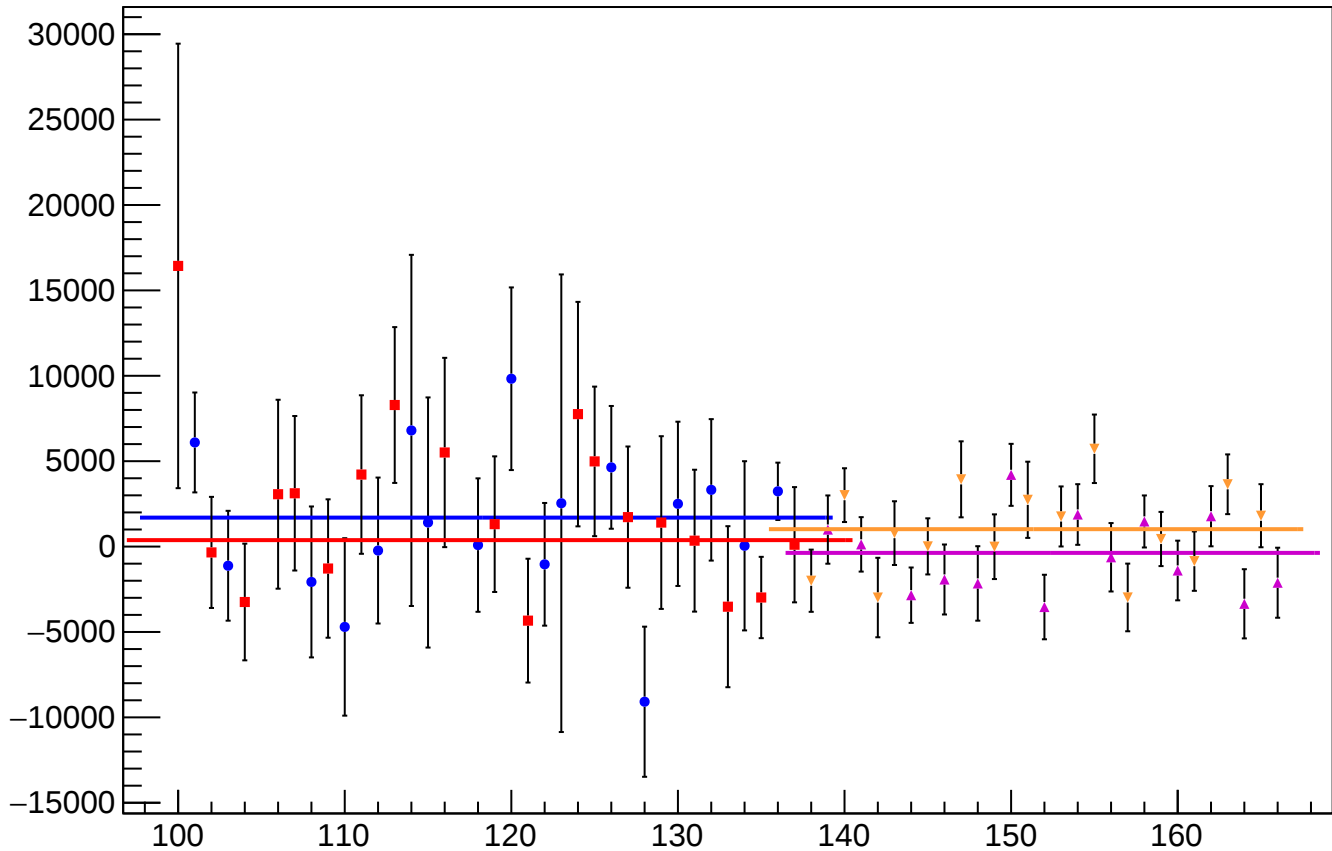
Left In: 1590.180 $\pm$ 0.343 χ^2/NDF : 190598.9/13

+ sign 1716.434 $\pm$ 0.297 χ^2/NDF : 2003109.0/31

All: 1741.912 $\pm$ 0.212 χ^2/NDF : 4171070.4/64

- sign 1768.722 $\pm$ 0.304 χ^2/NDF : 2152814.5/32

asym_sam_26_dd_mean vs Slug



Right In: 1695.956 $\pm$ 914.855 χ^2 /NDF: 16.6/16

Left Out: 1019.040 $\pm$ 476.509 χ^2 /NDF:23.8/14

Right Out: 377.629 $\pm$ 938.528 χ^2 /NDF: 15.0/18

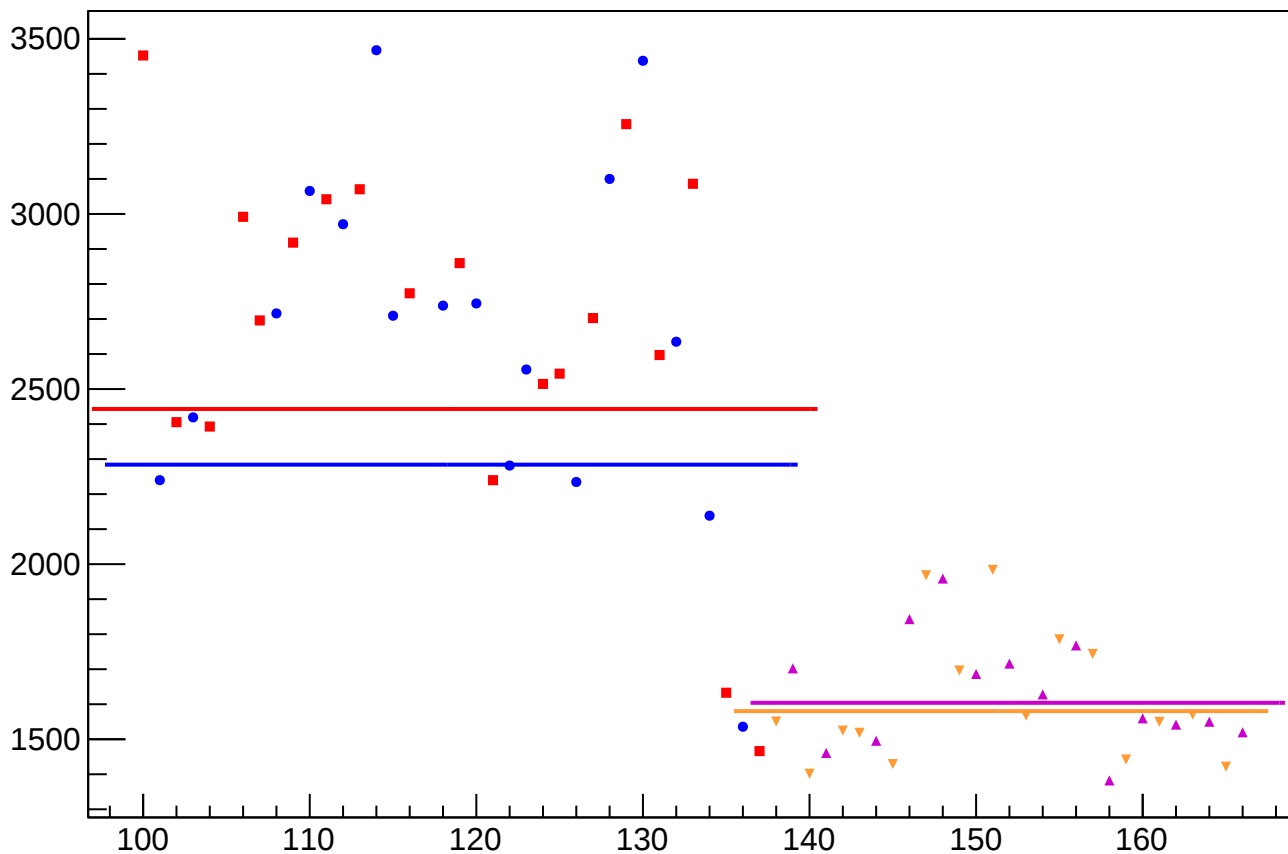
Left In: -369.241 $\pm$ 488.777 χ^2 /NDF:21.1/13

+ sign 1163.493 $\pm$ 422.618 χ^2 /NDF: 40.8/31

All: 494.271 $\pm$ 302.614 χ^2 /NDF: 82.6/64

- sign -209.892 $\pm$ 433.511 χ^2 /NDF: 36.6/32

asym_sam_26_dd_rms vs Slug



Right In: 2284.104+/-0.647 χ^2/NDF : 793993.4/16

Left Out: 1580.375+/-0.337 χ^2/NDF : 245456.8/14

Right Out: 2443.124+/-0.664 χ^2/NDF : 672899.9/18

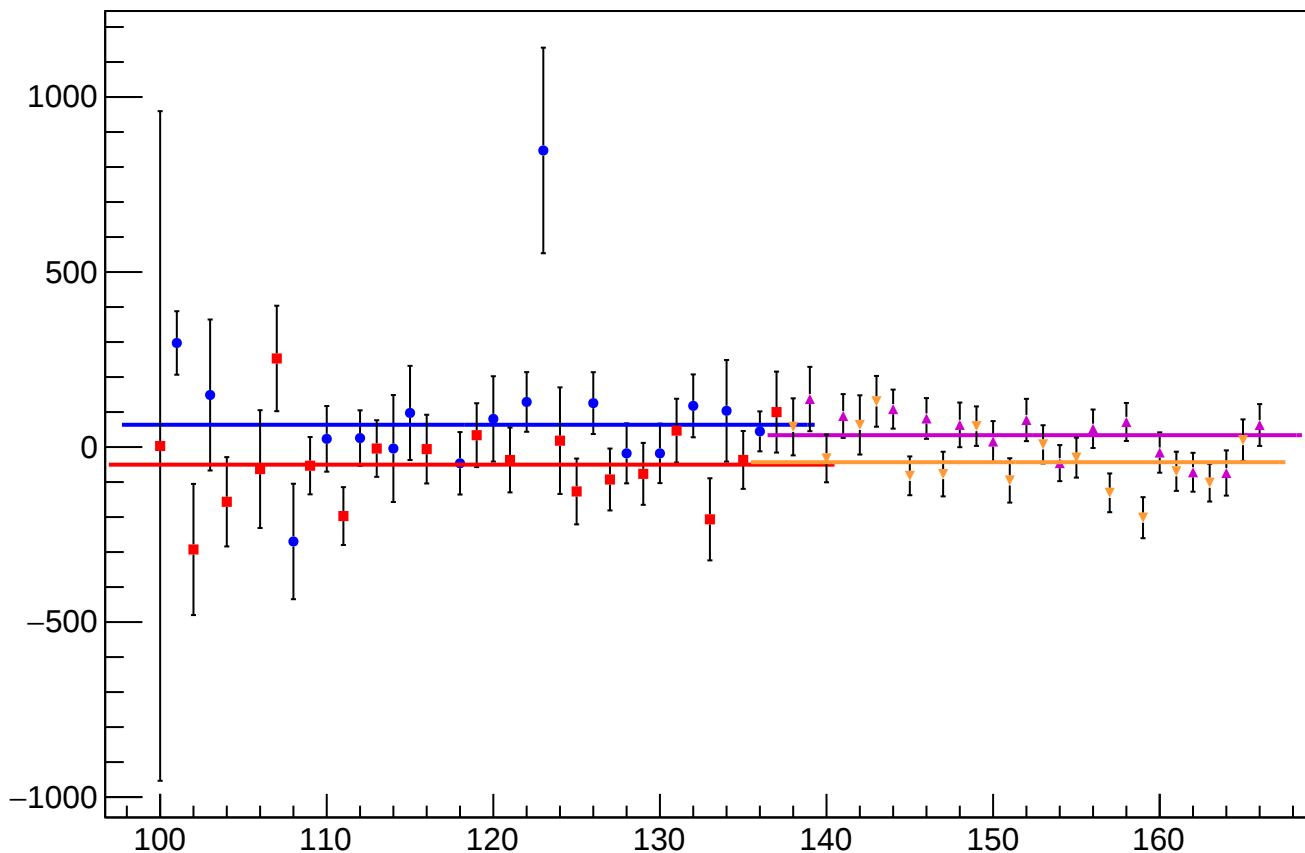
Left In: 1604.124+/-0.346 χ^2/NDF : 185884.5/13

+ sign 1730.550+/-0.299 χ^2/NDF : 1970323.6/31

All: 1756.171+/-0.214 χ^2/NDF : 4101489.5/64

- sign 1783.130+/-0.307 χ^2/NDF : 2116080.6/32

reg_asym_sam_37_dd_mean vs Slug



Right In: 63.666 $\pm$ 23.743 χ^2 /NDF: 23.7/16

Left Out: -43.305 $\pm$ 15.737 χ^2 /NDF: 26.9/14

Right Out: -50.278 $\pm$ 23.661 χ^2 /NDF: 16.8/18

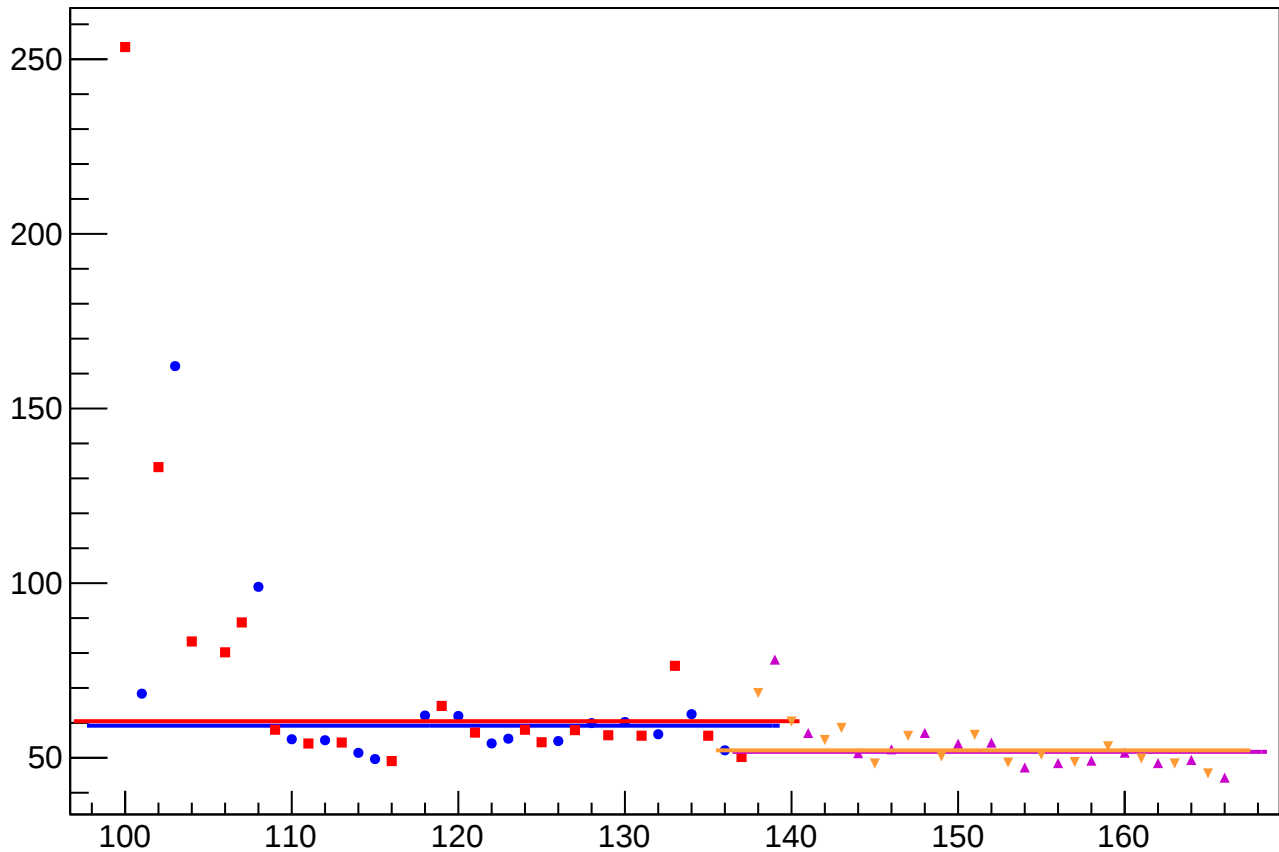
Left In: 33.914 $\pm$ 15.817 χ^2 /NDF: 15.7/13

+ sign -10.655 $\pm$ 13.117 χ^2 /NDF: 64.7/31

All: -1.394 $\pm$ 9.287 χ^2 /NDF: 107.0/64

- sign 7.912 $\pm$ 13.149 χ^2 /NDF: 41.3/32

reg_asym_sam_37_dd_rms vs Slug



Right In: 59.200 $\pm$ 0.017 χ^2 /NDF: 665472.4/16

Left Out: 52.137 $\pm$ 0.011 χ^2 /NDF: 213384.3/14

Right Out: 60.483 $\pm$ 0.017 χ^2 /NDF: 680059.5/18

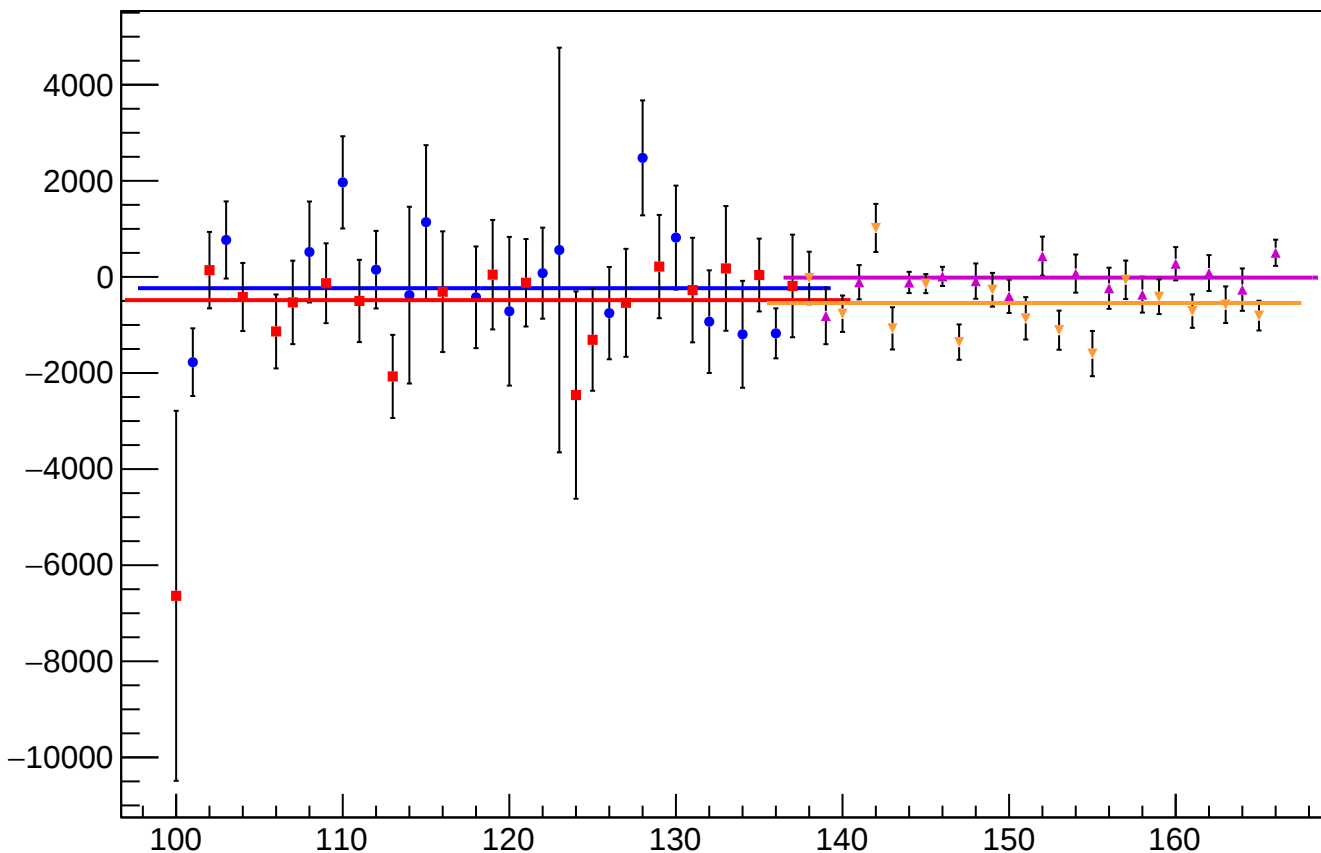
Left In: 51.712 $\pm$ 0.011 χ^2 /NDF: 267975.6/13

+ sign 54.293 $\pm$ 0.009 χ^2 /NDF: 1001832.5/31

All: 54.357 $\pm$ 0.007 χ^2 /NDF: 2139934.9/64

- sign 54.421 $\pm$ 0.009 χ^2 /NDF: 1138008.2/32

asym_sam_37_dd_correction_mean vs Slug



Right In: -234.492 ± 233.880 χ^2/NDF : 24.2/16

Left Out: -542.789 ± 92.979 χ^2/NDF : 32.1/14

Right Out: -483.305 ± 222.314 χ^2/NDF : 10.6/18

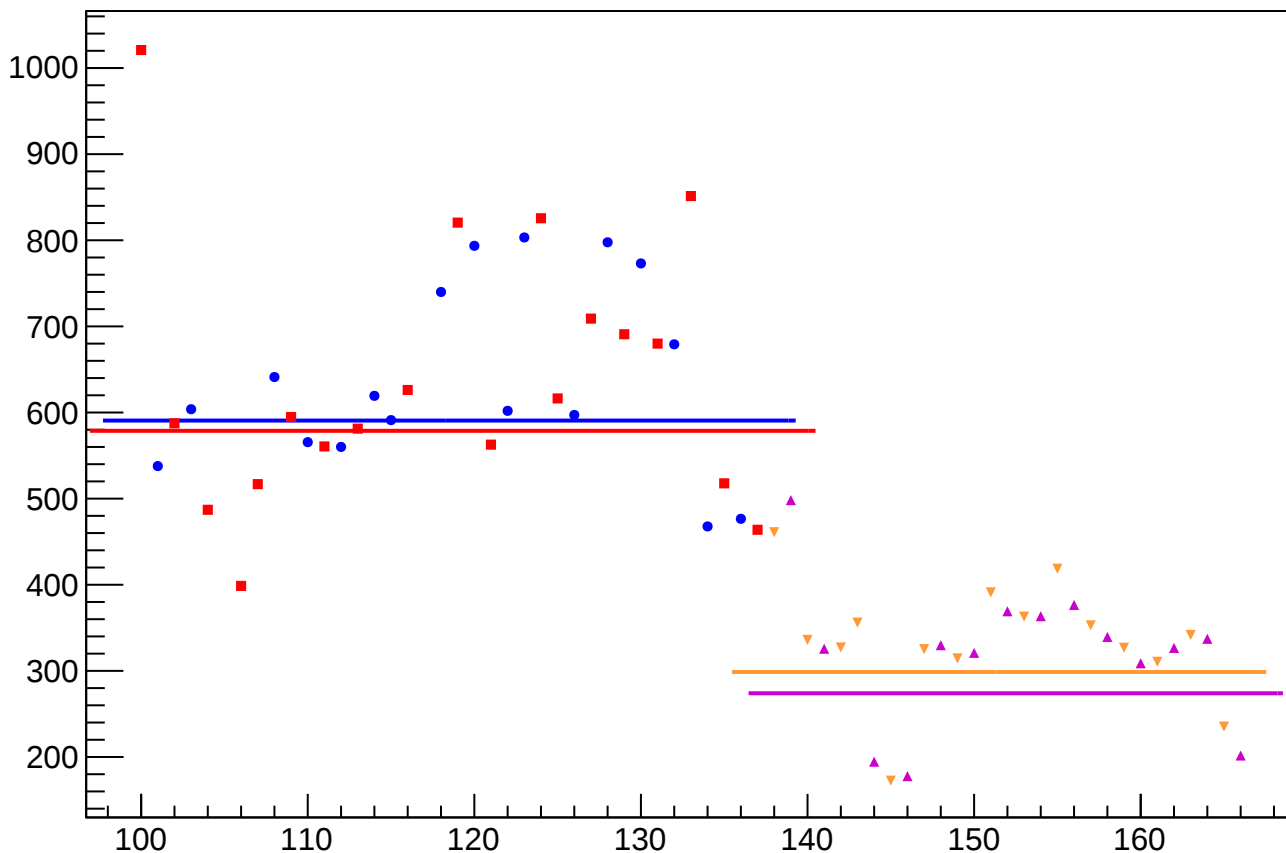
Left In: -14.657 ± 87.277 χ^2/NDF : 10.5/13

+ sign -500.714 ± 86.401 χ^2/NDF : 57.8/31

All: -275.954 ± 59.186 χ^2/NDF : 95.5/64

- sign -77.241 ± 81.241 χ^2/NDF : 24.9/32

asym_sam_37_dd_correction_rms vs Slug



Right In: 590.659+/-0.165 χ^2/NDF : 352080.1/16

Left Out: 298.725+/-0.066 χ^2/NDF : 1491257.6/14

Right Out: 578.753+/-0.157 χ^2/NDF : 493962.7/18

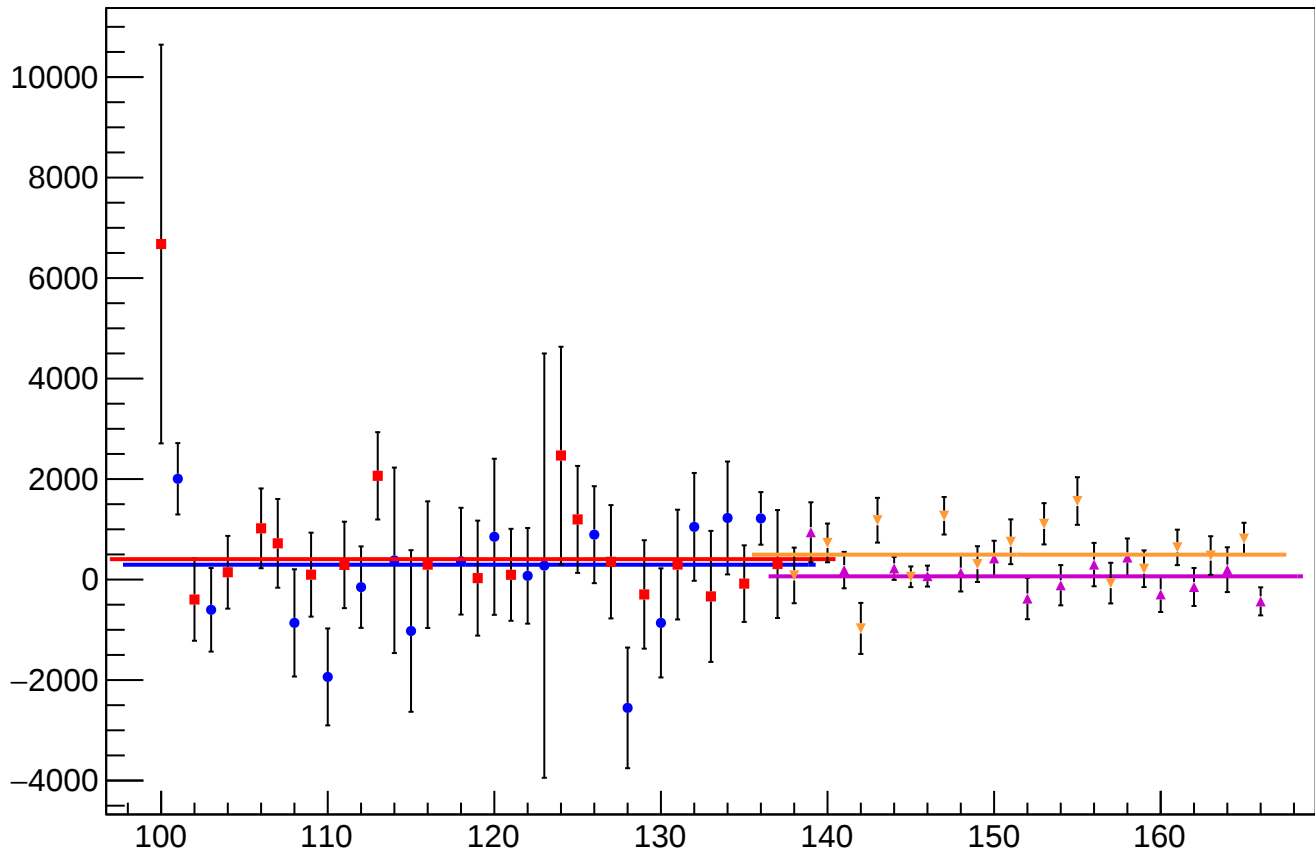
Left In: 273.995+/-0.062 χ^2/NDF : 1769152.5/13

+ sign 338.567+/-0.061 χ^2/NDF : 4534187.6/31

All: 325.896+/-0.042 χ^2/NDF : 10134862.9/64

- sign 314.693+/-0.057 χ^2/NDF : 5519632.3/32

asym_sam_37_dd_mean vs Slug



Right In: 295.401 $\pm$ 235.860 χ^2 /NDF: 26.1/16

Left Out: 495.885 $\pm$ 94.713 χ^2 /NDF:32.2/14

Right Out: 406.158 $\pm$ 224.855 χ^2 /NDF: 11.0/18

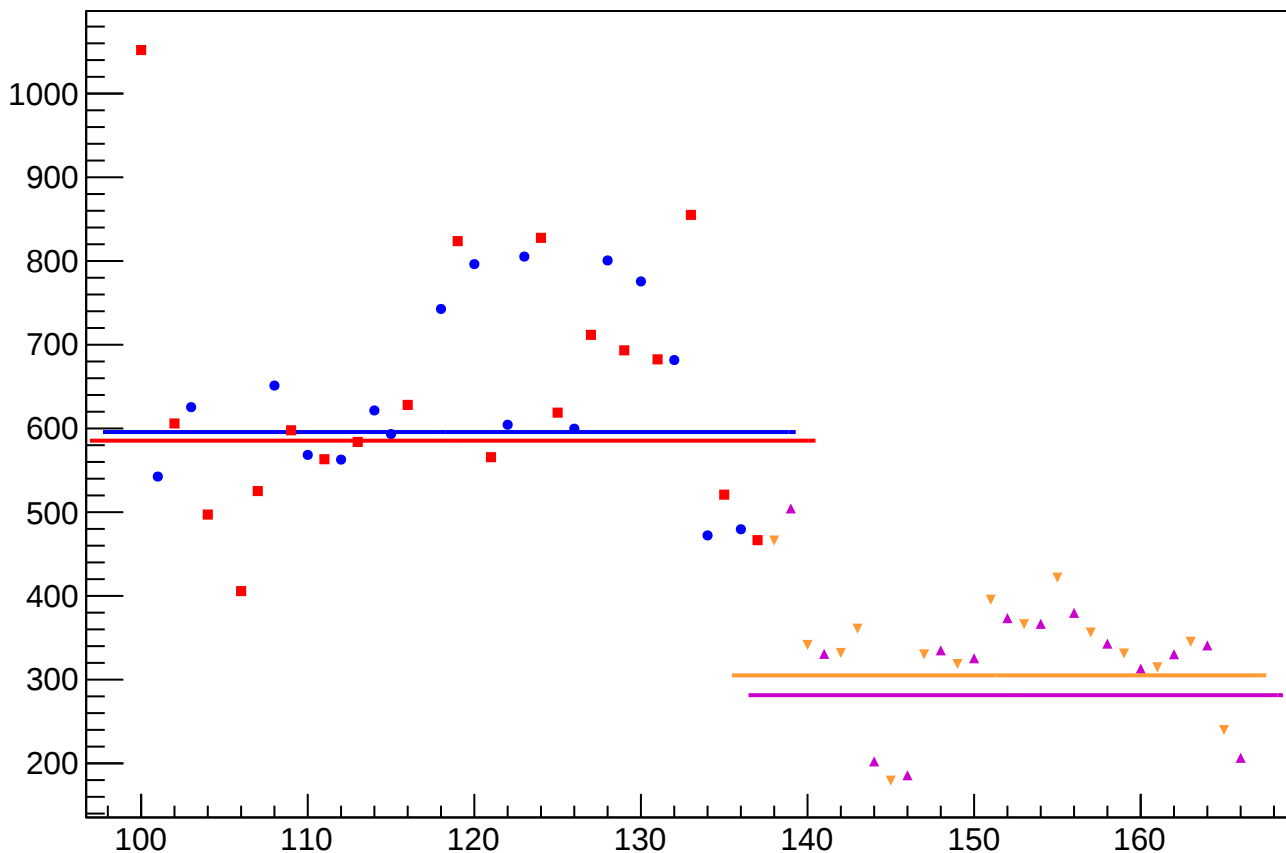
Left In: 64.275 $\pm$ 89.299 χ^2 /NDF:11.1/13

+ sign 468.045 $\pm$ 87.892 χ^2 /NDF: 58.9/31

All: 279.218 $\pm$ 60.342 χ^2 /NDF: 91.7/64

- sign 110.851 $\pm$ 82.993 χ^2 /NDF: 24.1/32

asym_sam_37_dd_rms vs Slug



Right In: 595.734+/-0.167 χ^2/NDF : 350058.2/16

Left Out: 305.122+/-0.067 χ^2/NDF :1382612.5/14

Right Out: 585.421+/-0.159 χ^2/NDF : 474472.3/18

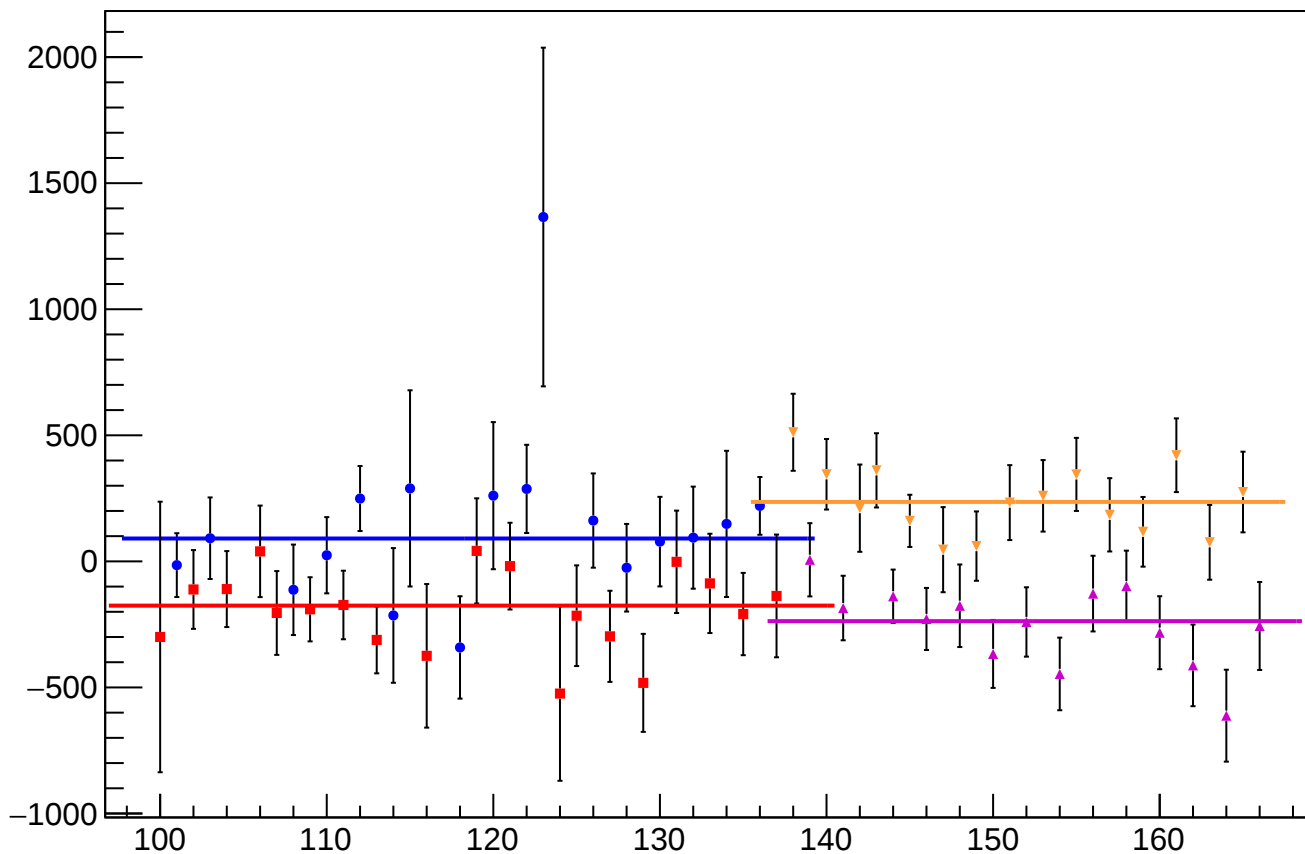
Left In: 281.451+/-0.063 χ^2/NDF :1627700.9/13

+ sign 345.477+/-0.062 χ^2/NDF : 4347351.5/31

All: 333.521+/-0.043 χ^2/NDF : 9676611.6/64

- sign 322.861+/-0.059 χ^2/NDF : 5259257.5/32

reg_asym_sam_48_dd_mean vs Slug



Right In: 90.711 ± 43.312 χ^2/NDF : 16.9/16

Left Out: 235.846 ± 37.051 χ^2/NDF : 12.3/14

Right Out: -175.485 ± 41.101 χ^2/NDF : 10.3/18

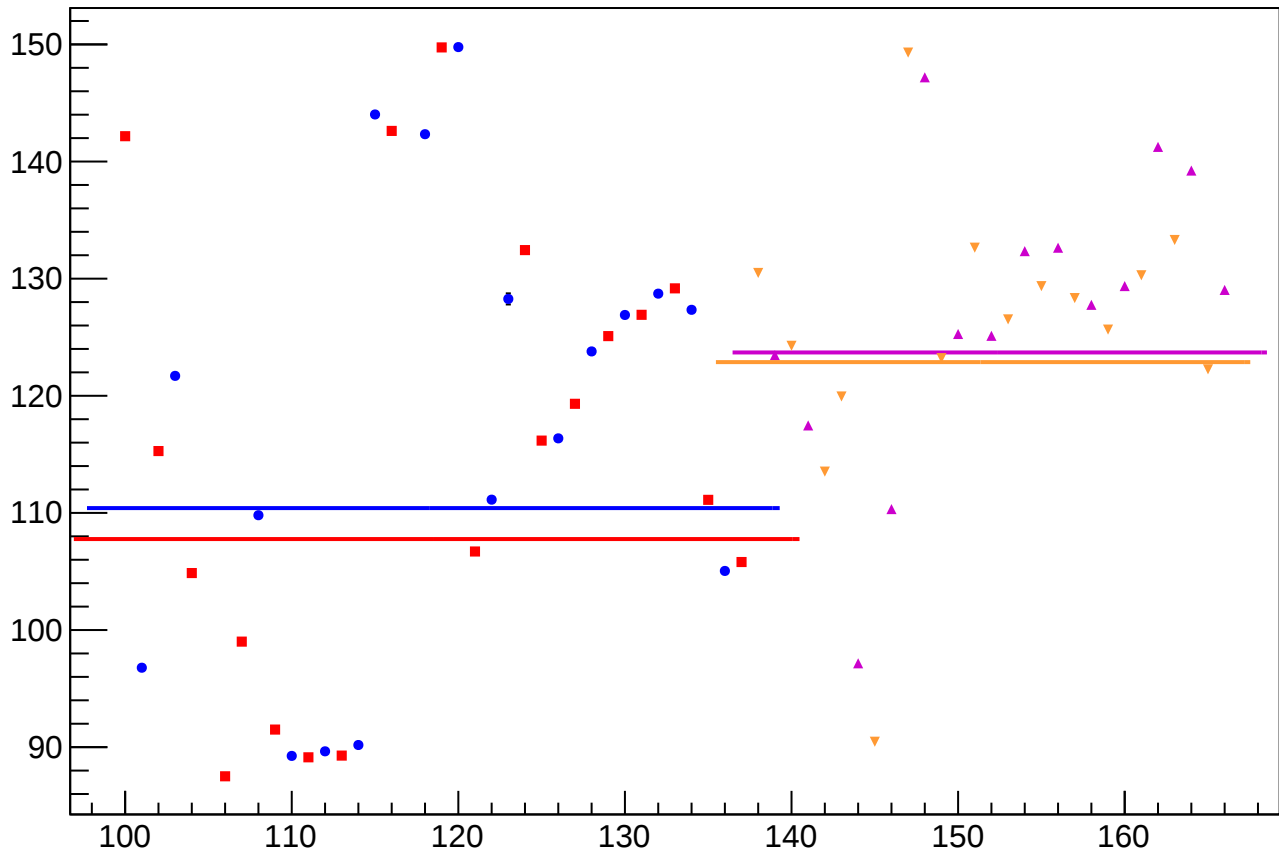
Left In: -237.074 ± 37.774 χ^2/NDF : 14.1/13

+ sign 174.518 ± 28.155 χ^2/NDF : 35.7/31

All: -19.526 ± 19.786 χ^2/NDF : 155.1/64

- sign -208.873 ± 27.812 χ^2/NDF : 25.6/32

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.411+/-0.031 χ^2/NDF : 296425.4/16

Left Out: 122.875+/-0.026 χ^2/NDF : 289814.3/14

Right Out: 107.768+/-0.029 χ^2/NDF : 344441.4/18

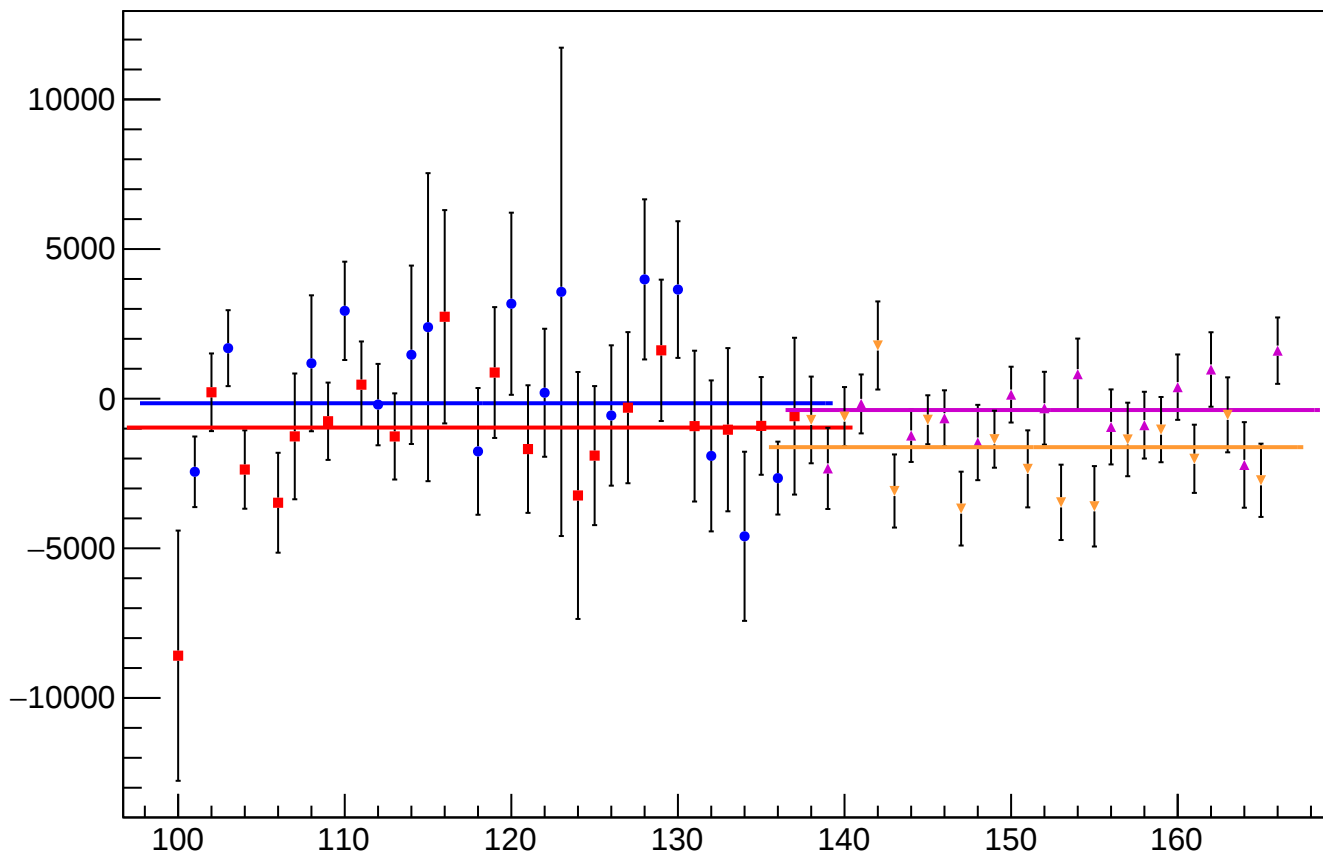
Left In: 123.699+/-0.027 χ^2/NDF : 254657.3/13

+ sign 117.608+/-0.020 χ^2/NDF : 681872.8/31

All: 116.999+/-0.014 χ^2/NDF : 1445725.2/64

- sign 116.404+/-0.020 χ^2/NDF : 762001.2/32

asym_sam_48_dd_correction_mean vs Slug



Right In: -152.403 $\pm$ 464.753 χ^2/NDF : 24.7/16

Left Out: -1619.785 $\pm$ 298.056 χ^2/NDF : 19.0/14

Right Out: -964.716 $\pm$ 435.111 χ^2/NDF : 12.3/18

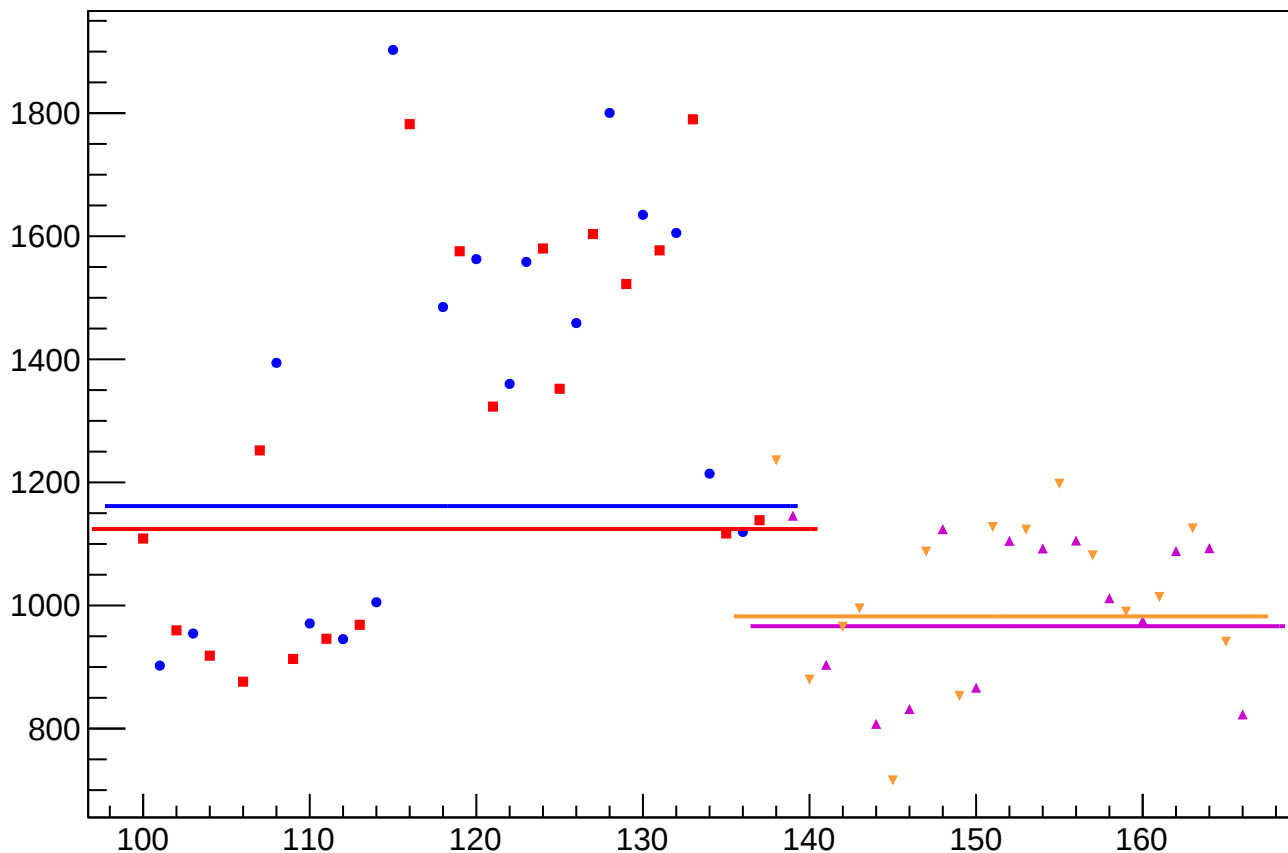
Left In: -379.233 $\pm$ 296.270 χ^2/NDF : 12.1/13

+ sign -1192.146 $\pm$ 250.893 χ^2/NDF : 50.7/31

All: -870.825 $\pm$ 175.247 χ^2/NDF : 79.5/64

- sign -564.696 $\pm$ 244.890 χ^2/NDF : 25.6/32

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.530+/-0.329 χ^2/NDF : 695906.9/16

Left Out: 982.297+/-0.211 χ^2/NDF : 492269.3/14

Right Out: 1124.235+/-0.308 χ^2/NDF : 767790.0/18

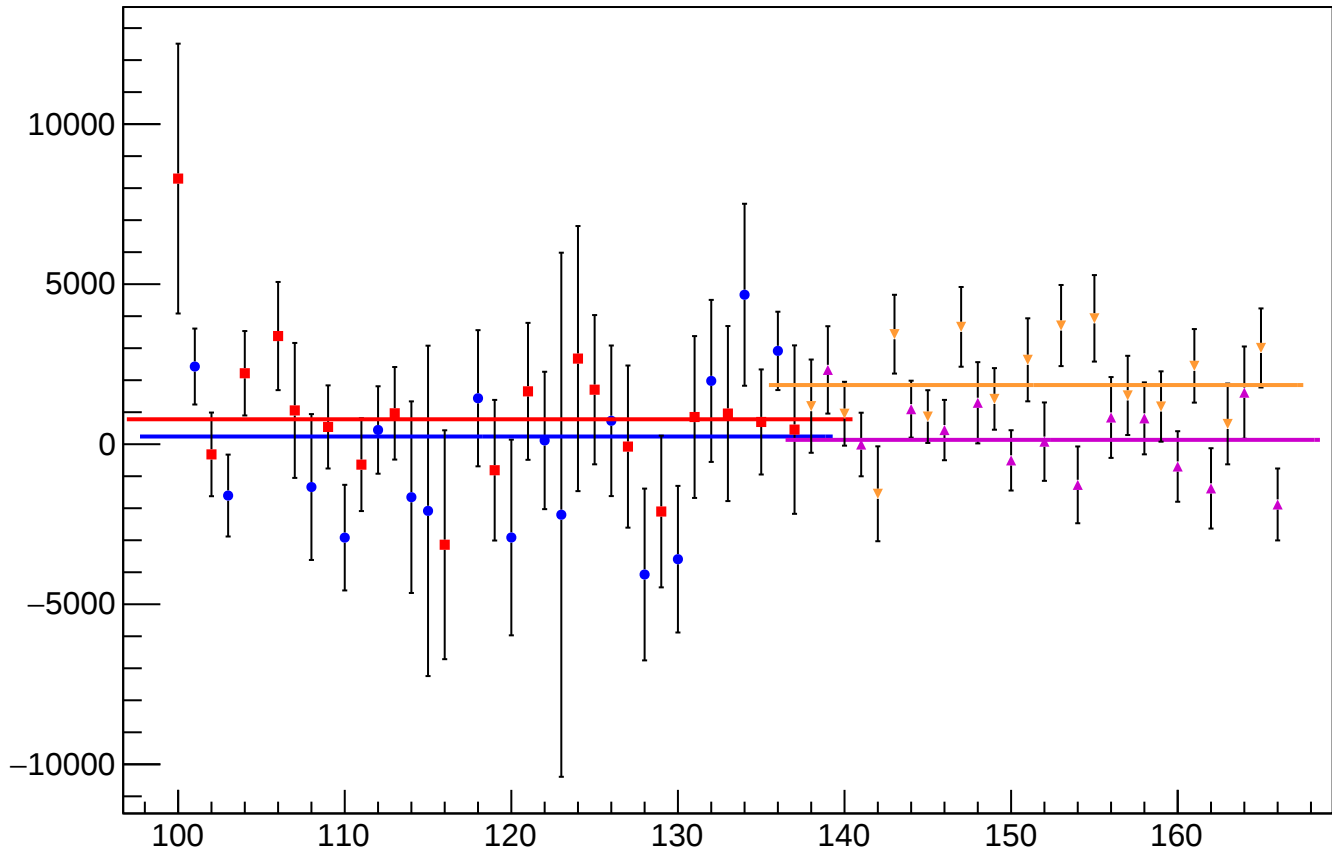
Left In: 966.396+/-0.209 χ^2/NDF : 348687.0/13

+ sign 1034.531+/-0.177 χ^2/NDF : 1398945.7/31

All: 1025.243+/-0.124 χ^2/NDF : 2700589.3/64

- sign 1016.394+/-0.173 χ^2/NDF : 1296291.5/32

asym_sam_48_dd_mean vs Slug



Right In: 240.732 $\pm$ 467.036 χ^2 /NDF: 24.8/16

Left Out: 1848.391 $\pm$ 300.469 χ^2 /NDF:19.1/14

Right Out: 779.192 $\pm$ 437.487 χ^2 /NDF: 12.3/18

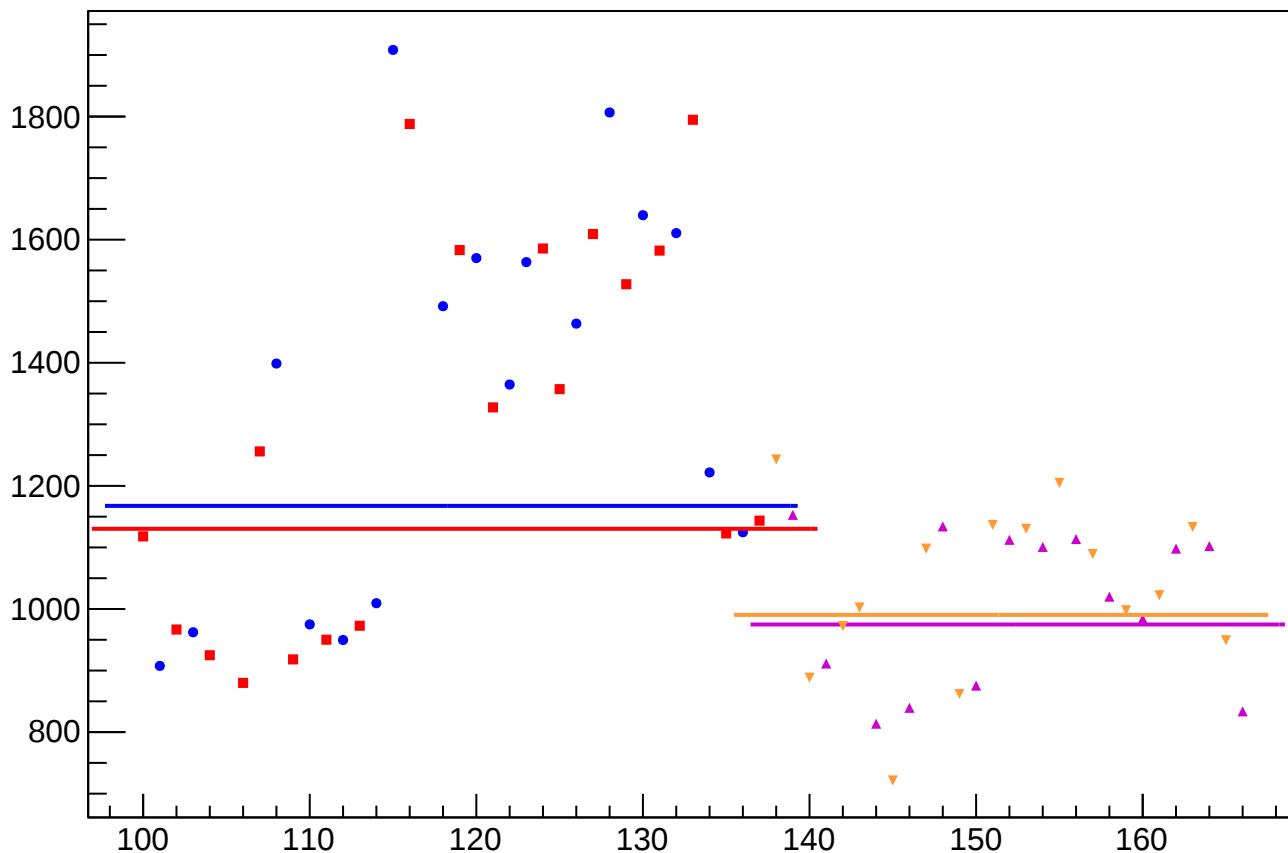
Left In: 136.257 $\pm$ 298.803 χ^2 /NDF:13.5/13

+ sign 1377.767 $\pm$ 252.691 χ^2 /NDF: 52.3/31

All: 846.923 $\pm$ 176.539 χ^2 /NDF: 88.2/64

- sign 340.774 $\pm$ 246.744 χ^2 /NDF: 27.3/32

asym_sam_48_dd_rms vs Slug



Right In: 1167.539 $\pm$ 0.330 χ^2 /NDF: 690485.6/16

Left Out: 990.429 $\pm$ 0.212 χ^2 /NDF: 487414.9/14

Right Out: 1130.301 $\pm$ 0.309 χ^2 /NDF: 761503.6/18

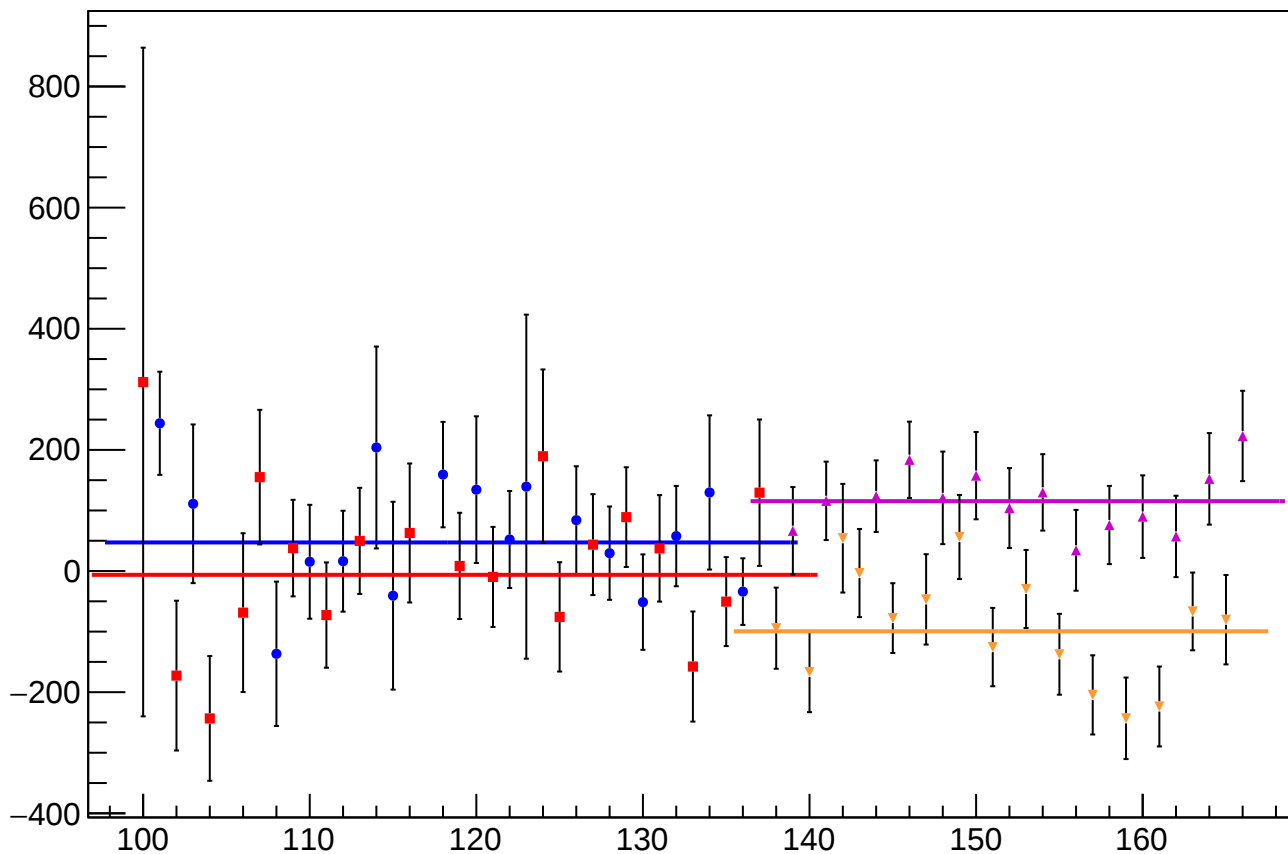
Left In: 974.824 $\pm$ 0.211 χ^2 /NDF: 344213.6/13

+ sign 1042.275 $\pm$ 0.179 χ^2 /NDF: 1381321.4/31

All: 1033.064 $\pm$ 0.125 χ^2 /NDF: 2664477.1/64

- sign 1024.281 $\pm$ 0.174 χ^2 /NDF: 1277963.9/32

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 47.220 $\pm$ 22.565 χ^2/NDF : 16.1/16

Left Out: -99.429 $\pm$ 17.497 χ^2/NDF : 24.0/14

Right Out: -6.246 $\pm$ 22.128 χ^2/NDF : 20.3/18

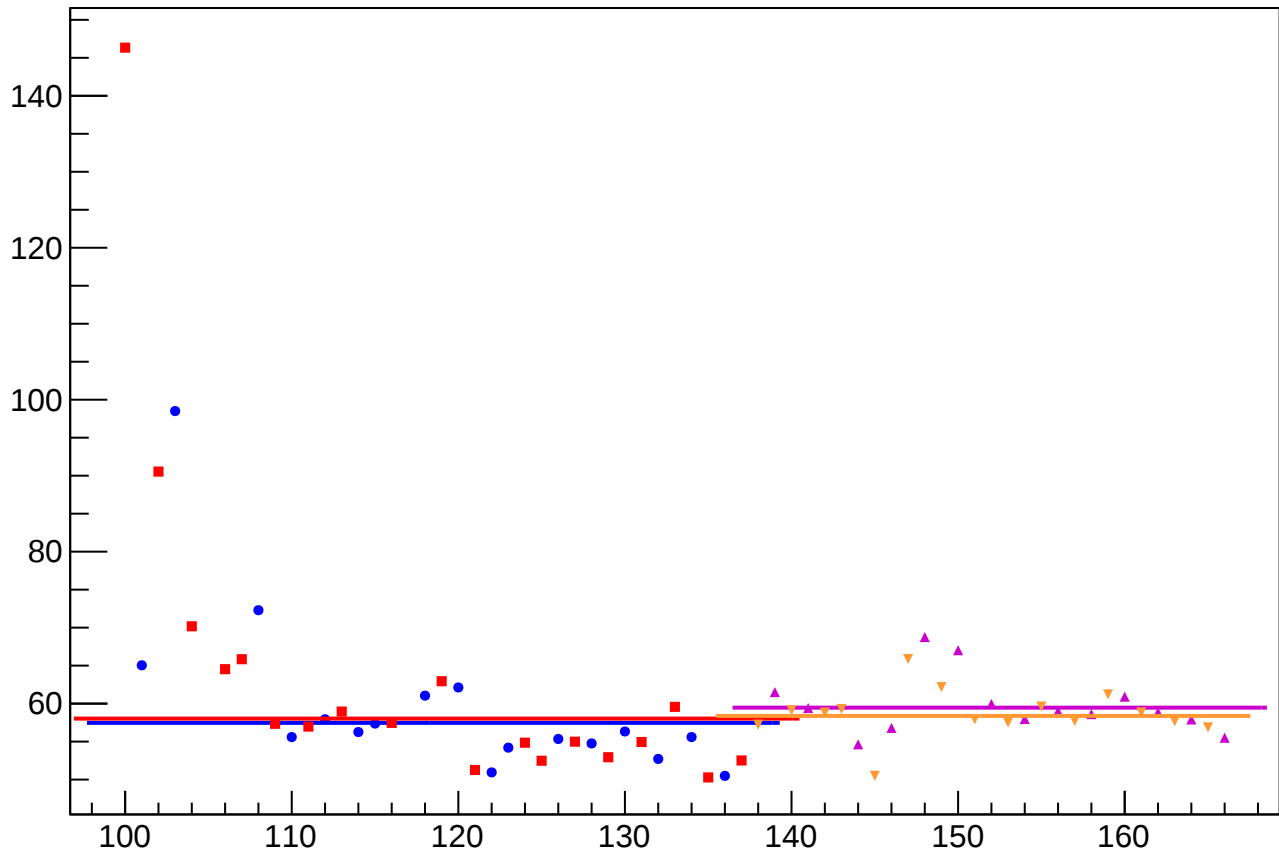
Left In: 115.388 $\pm$ 18.056 χ^2/NDF : 7.1/13

+ sign -44.362 $\pm$ 13.827 χ^2/NDF : 66.5/31

All: 10.557 $\pm$ 9.834 χ^2/NDF : 144.0/64

- sign 66.771 $\pm$ 13.989 χ^2/NDF : 45.6/32

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 57.465 $\pm$ 0.016 χ^2 /NDF: 307156.4/16

Left Out: 58.378 $\pm$ 0.012 χ^2 /NDF: 70824.5/14

Right Out: 58.027 $\pm$ 0.016 χ^2 /NDF: 300788.2/18

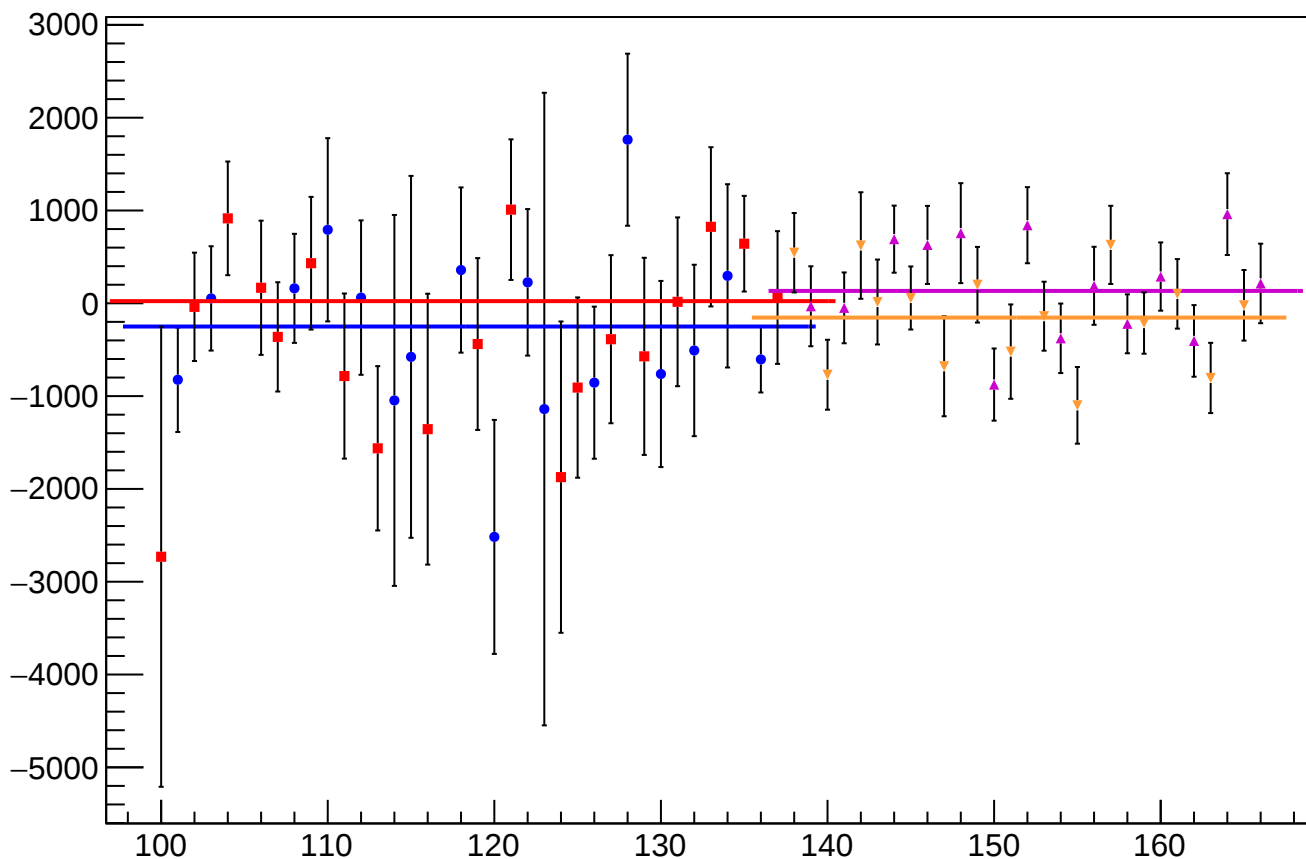
Left In: 59.466 $\pm$ 0.013 χ^2 /NDF: 79287.2/13

+ sign 58.035 $\pm$ 0.010 χ^2 /NDF: 380025.3/31

All: 58.458 $\pm$ 0.007 χ^2 /NDF: 768954.7/64

- sign 58.891 $\pm$ 0.010 χ^2 /NDF: 385149.5/32

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -250.140 $\pm$ 184.092 χ^2/NDF : 14.3/16

Left Out: -153.831 $\pm$ 104.703 χ^2/NDF : 22.2/14

Right Out: 23.314 $\pm$ 181.834 χ^2/NDF : 16.1/18

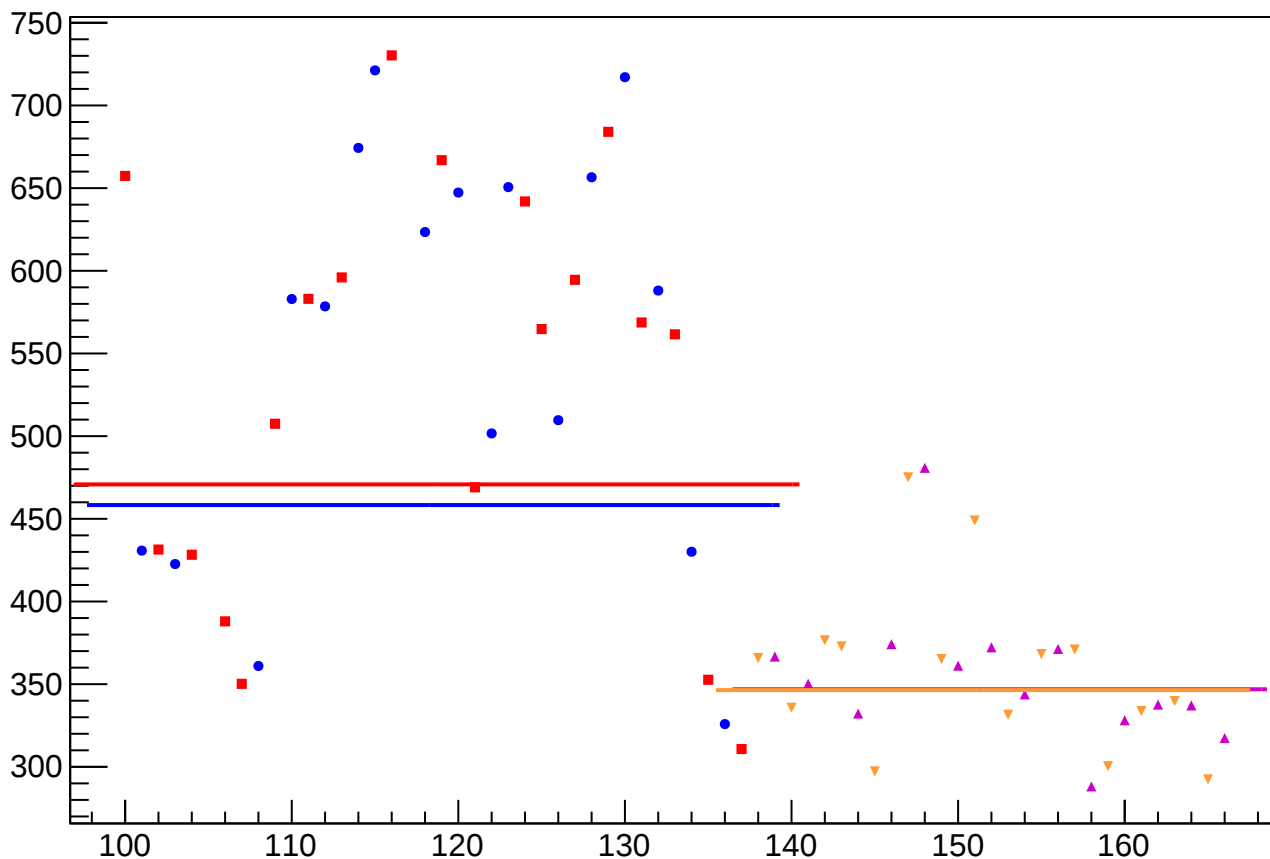
Left In: 133.454 $\pm$ 105.994 χ^2/NDF : 24.0/13

+ sign -177.370 $\pm$ 91.012 χ^2/NDF : 36.7/31

All: -36.792 $\pm$ 64.552 χ^2/NDF : 81.8/64

- sign 105.521 $\pm$ 91.572 χ^2/NDF : 40.4/32

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 458.324+/-0.130 χ^2/NDF : 877201.7/16

Left Out: 346.429+/-0.074 χ^2/NDF : 356978.3/14

Right Out: 470.827+/-0.129 χ^2/NDF : 778635.2/18

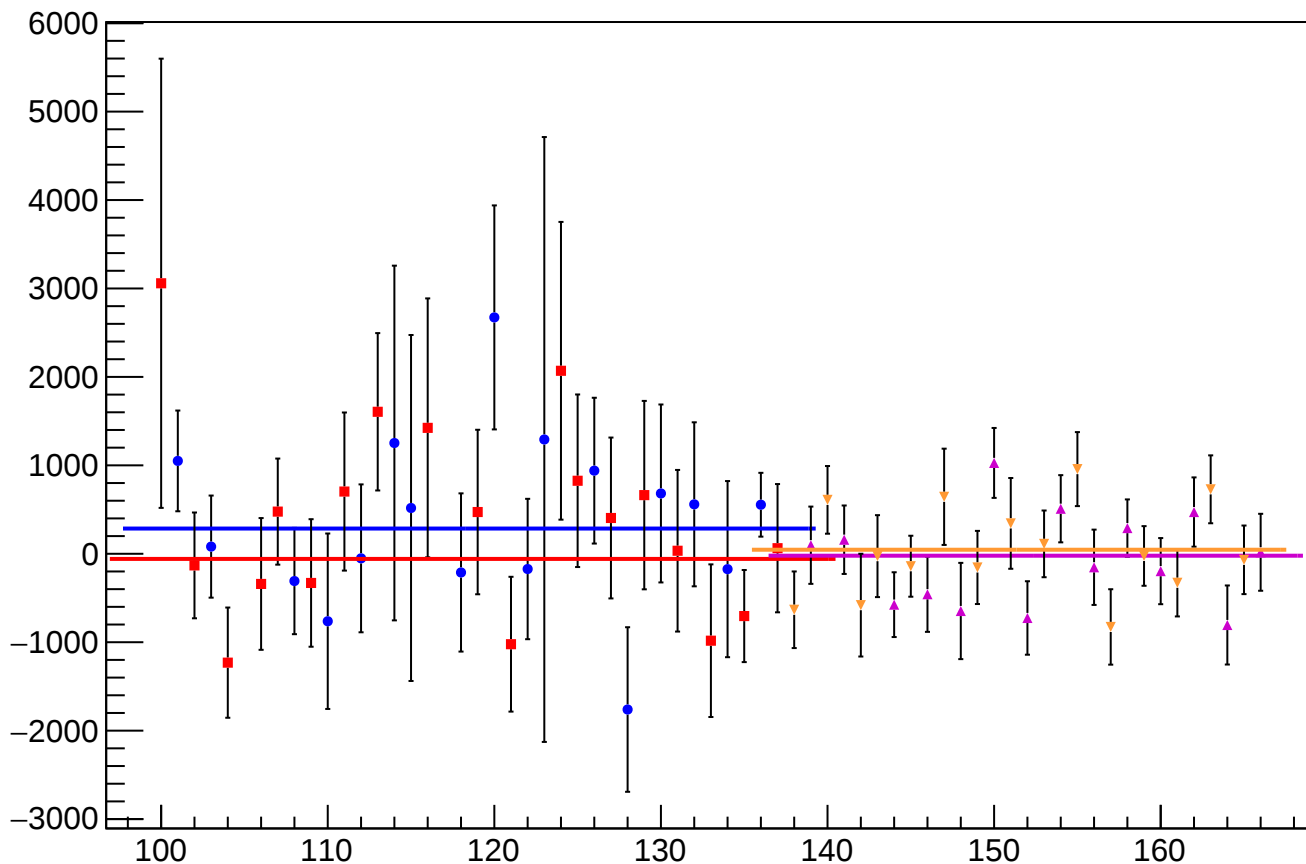
Left In: 346.918+/-0.075 χ^2/NDF : 242355.6/13

+ sign 373.778+/-0.064 χ^2/NDF : 1792481.2/31

All: 376.046+/-0.046 χ^2/NDF : 3509162.0/64

- sign 378.343+/-0.065 χ^2/NDF : 1714180.0/32

asym_sam_13_57_dd_mean vs Slug



Right In: 285.349 ± 186.262 χ^2/NDF : 15.2/16

Left Out: 45.796 ± 106.246 χ^2/NDF : 21.1/14

Right Out: -58.001 ± 184.074 χ^2/NDF : 19.2/18

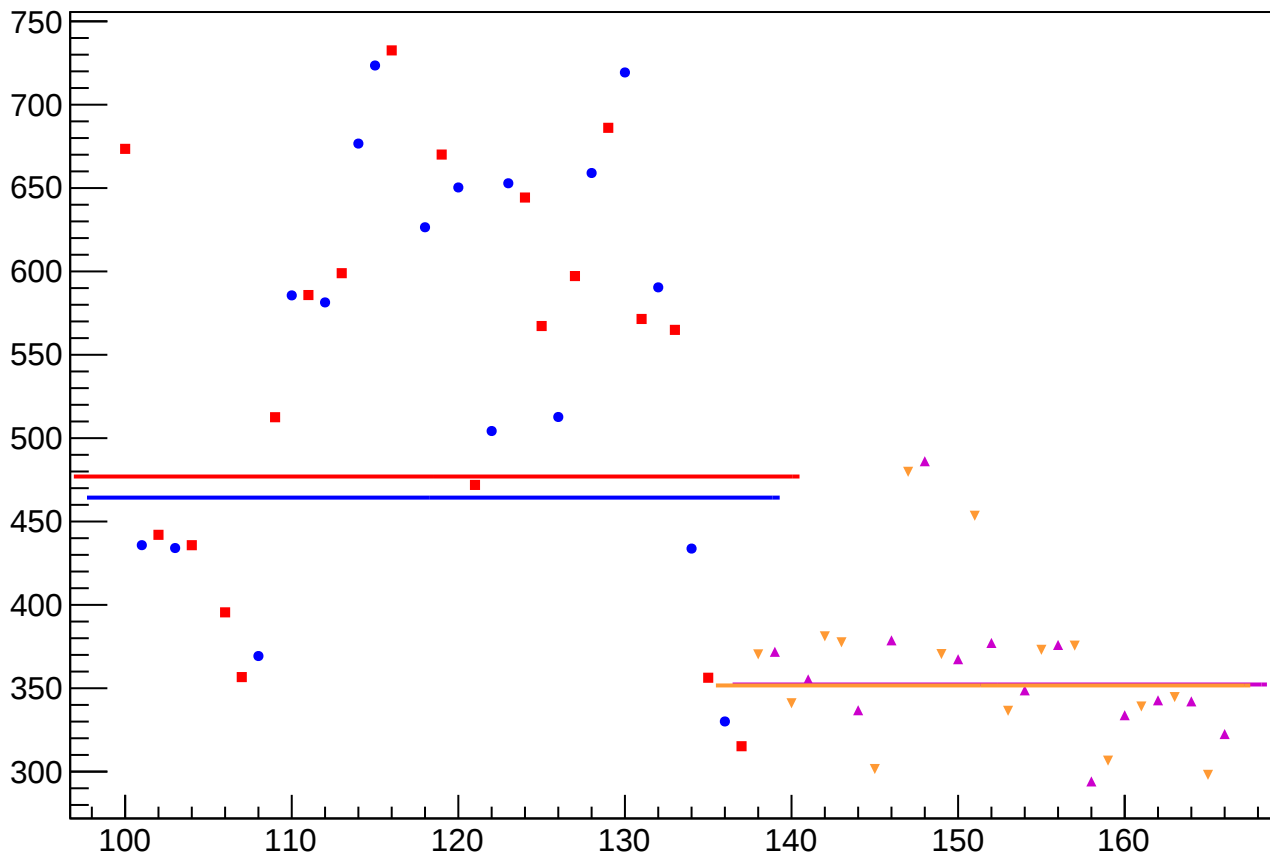
Left In: -21.709 ± 107.591 χ^2/NDF : 22.7/13

+ sign 104.605 ± 92.288 χ^2/NDF : 37.6/31

All: 37.266 ± 65.468 χ^2/NDF : 80.6/64

- sign -30.950 ± 92.888 χ^2/NDF : 41.9/32

asym_sam_13_57_dd_rms vs Slug



Right In: 464.341 $\pm$ 0.132 χ^2 /NDF: 845900.9/16

Left Out: 351.677 $\pm$ 0.075 χ^2 /NDF: 344189.2/14

Right Out: 476.989 $\pm$ 0.130 χ^2 /NDF: 749331.1/18

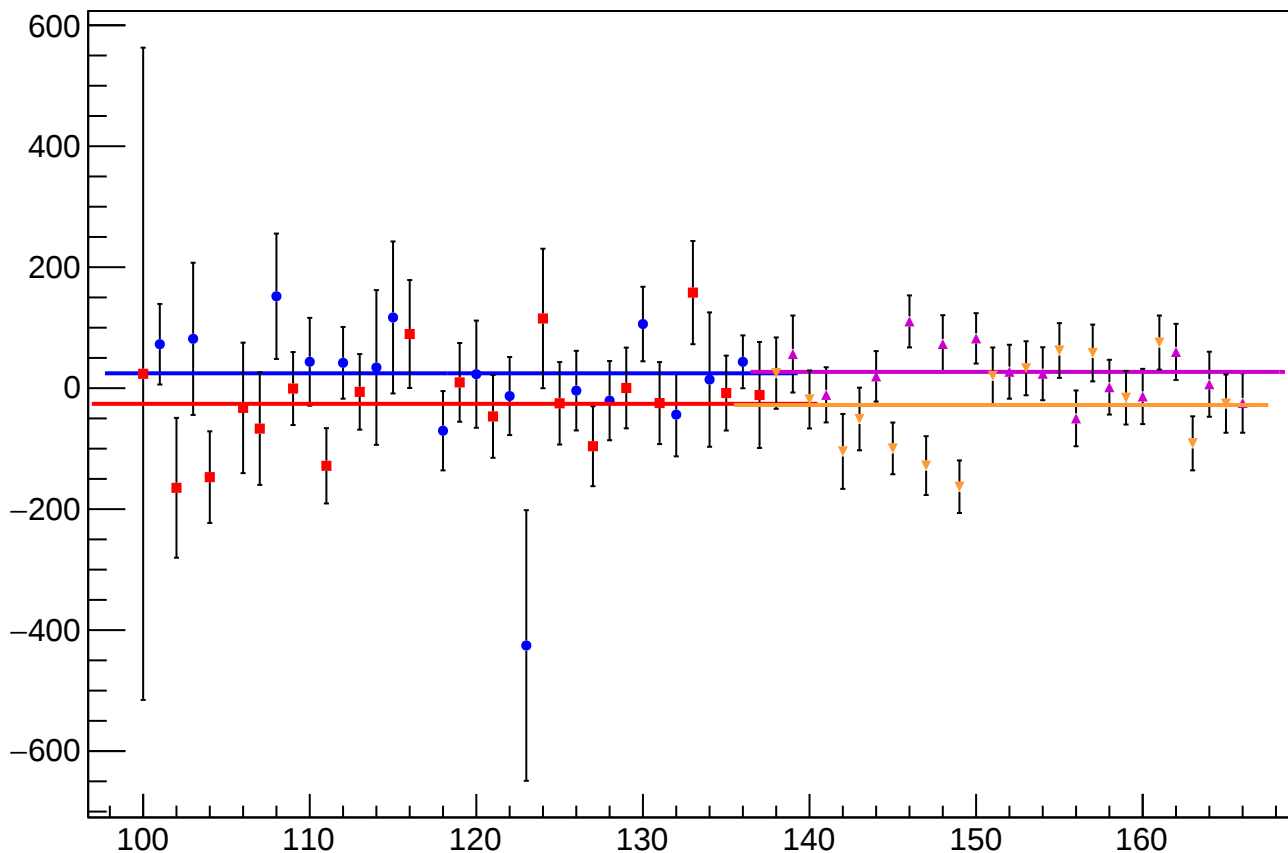
Left In: 352.252 $\pm$ 0.076 χ^2 /NDF: 233819.5/13

+ sign 379.335 $\pm$ 0.065 χ^2 /NDF: 1742186.9/31

All: 381.660 $\pm$ 0.046 χ^2 /NDF: 3412434.3/64

- sign 384.015 $\pm$ 0.066 χ^2 /NDF: 1667692.0/32

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 24.584 $\pm$ 17.839 χ^2 /NDF: 13.0/16

Left Out: -27.828 $\pm$ 12.217 χ^2 /NDF: 37.0/14

Right Out: -25.884 $\pm$ 17.386 χ^2 /NDF: 16.8/18

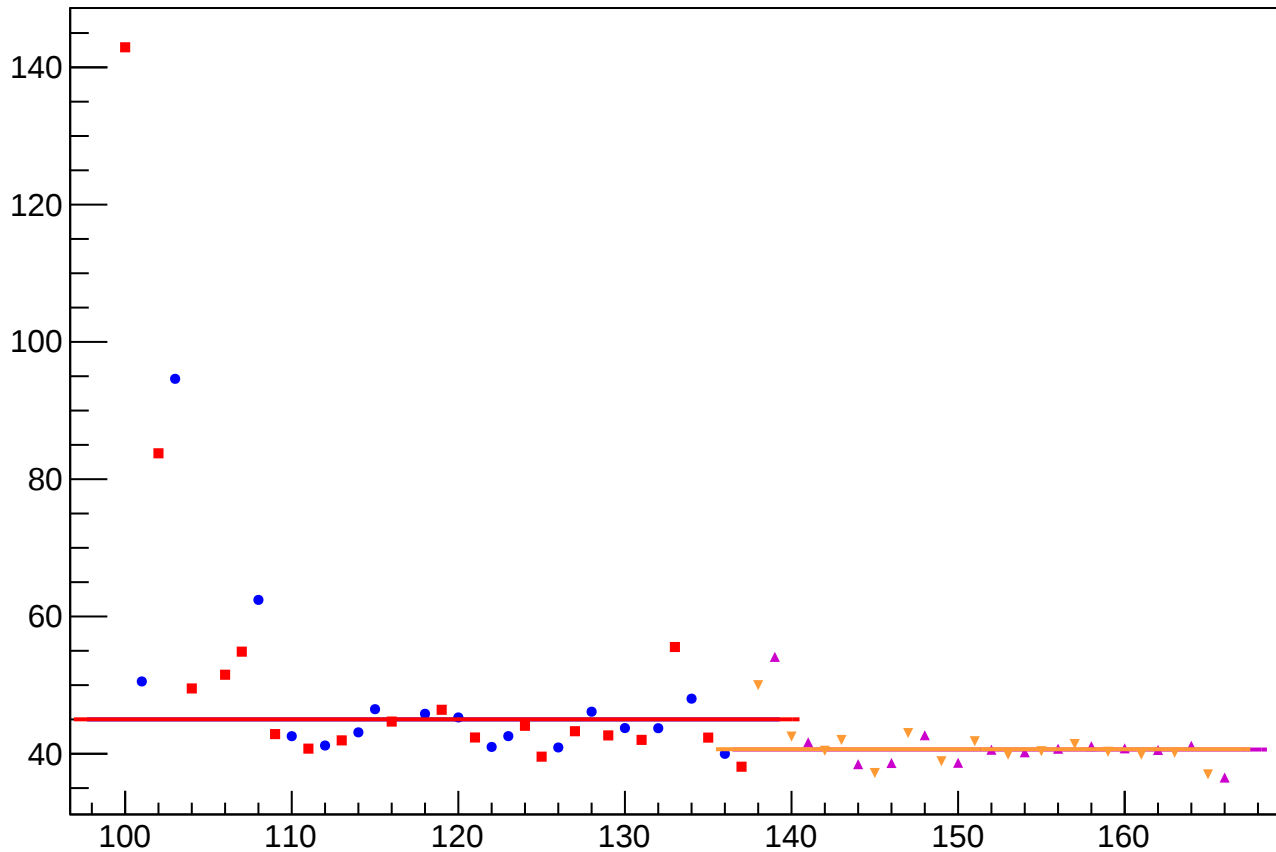
Left In: 26.906 $\pm$ 12.357 χ^2 /NDF: 13.1/13

+ sign -11.093 $\pm$ 10.080 χ^2 /NDF: 55.9/31

All: -0.944 $\pm$ 7.125 χ^2 /NDF: 93.8/64

- sign 9.189 $\pm$ 10.072 χ^2 /NDF: 36.0/32

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.001 $\pm$ 0.013 χ^2 /NDF: 438352.8/16

Left Out: 40.661 $\pm$ 0.009 χ^2 /NDF: 90483.5/14

Right Out: 45.017 $\pm$ 0.012 χ^2 /NDF: 415509.0/18

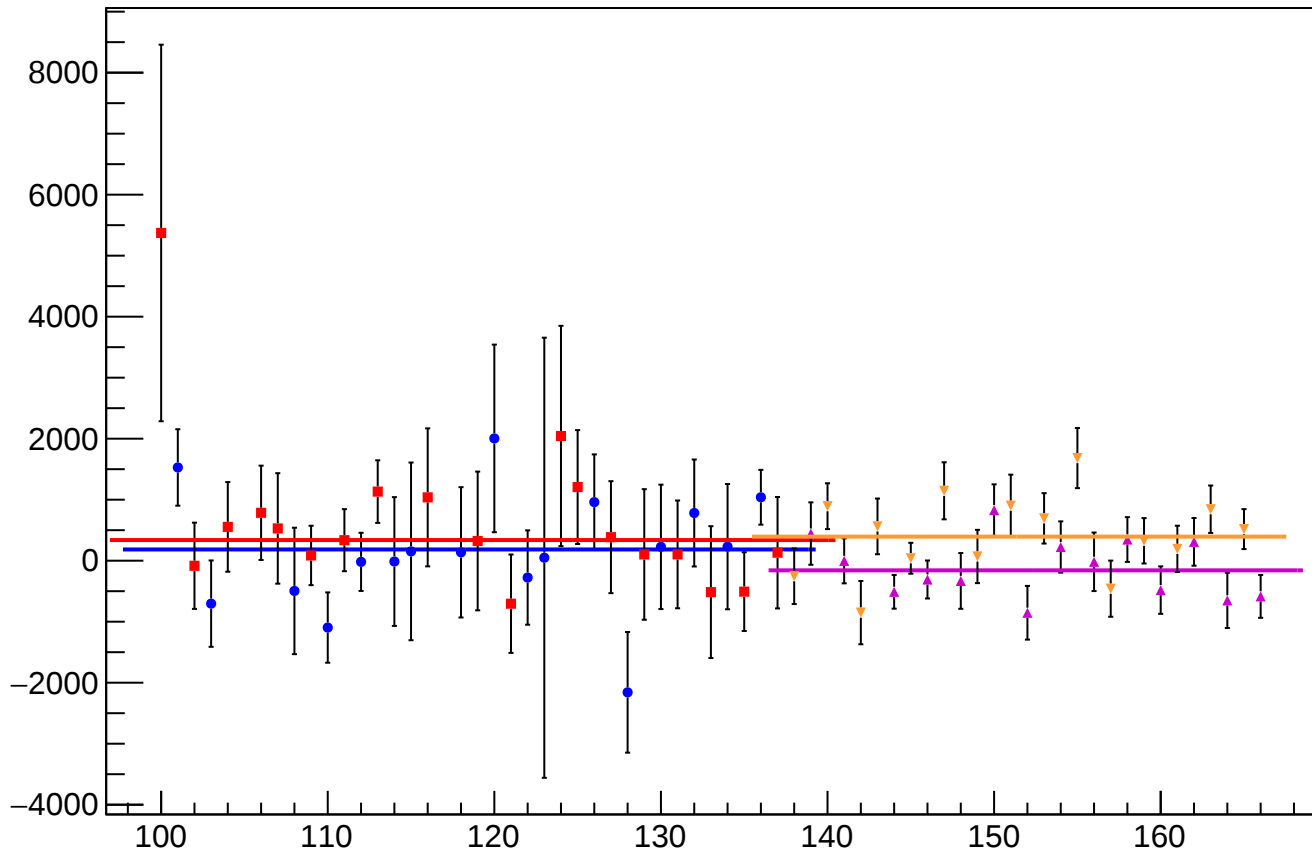
Left In: 40.617 $\pm$ 0.009 χ^2 /NDF: 123086.8/13

+ sign 42.047 $\pm$ 0.007 χ^2 /NDF: 609414.4/31

All: 42.070 $\pm$ 0.005 χ^2 /NDF: 1233149.7/64

- sign 42.094 $\pm$ 0.007 χ^2 /NDF: 623713.9/32

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 184.184 $\pm$ 188.558 χ^2 /NDF: 24.2/16

Left Out: 394.593 $\pm$ 102.861 χ^2 /NDF:28.4/14

Right Out: 338.329 $\pm$ 179.381 χ^2 /NDF: 12.5/18

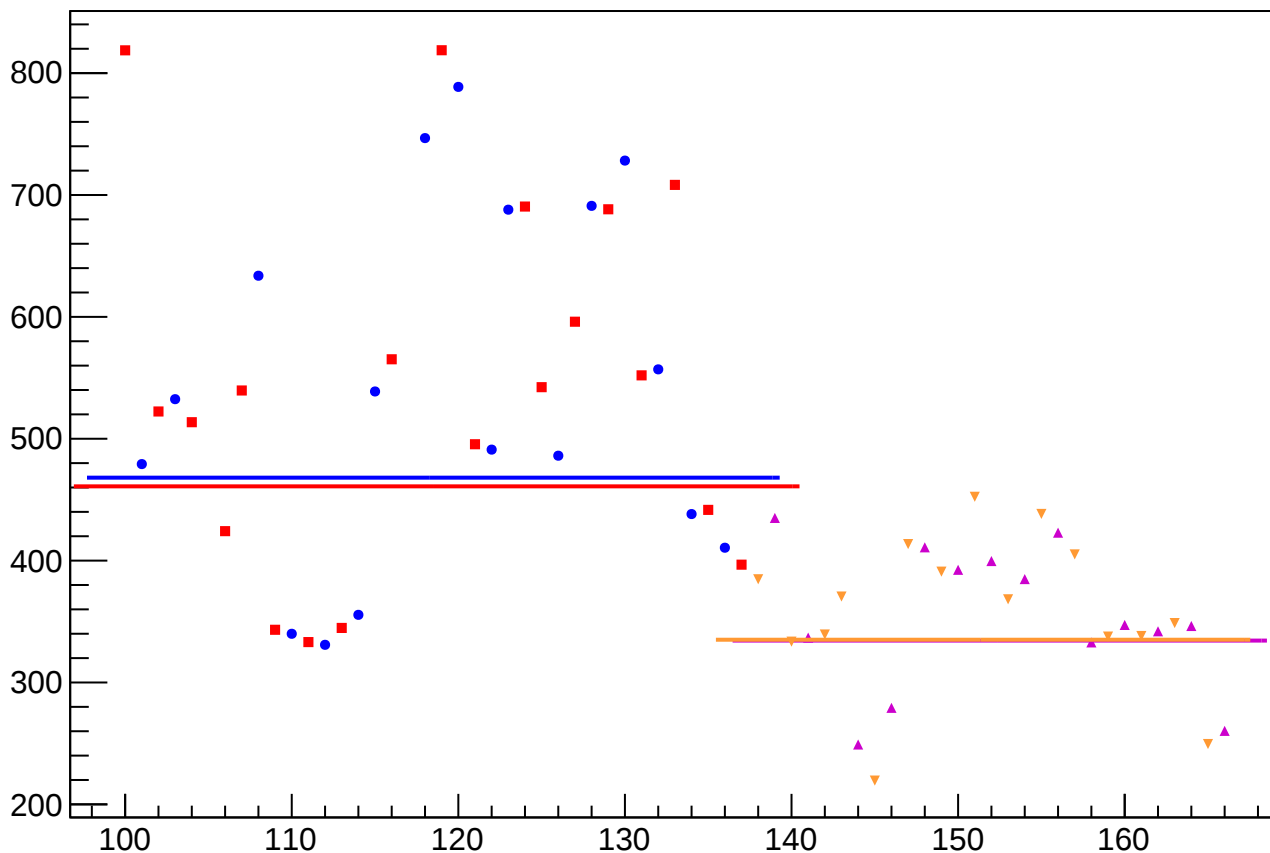
Left In: -158.215 $\pm$ 103.308 χ^2 /NDF:19.1/13

+ sign 346.338 $\pm$ 90.299 χ^2 /NDF: 53.5/31

All: 154.256 $\pm$ 63.575 χ^2 /NDF: 99.8/64

- sign -34.541 $\pm$ 89.523 χ^2 /NDF: 37.3/32

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 468.071+/-0.133 χ^2/NDF : 880319.3/16

Left Out: 335.088+/-0.073 χ^2/NDF : 934306.3/14

Right Out: 460.939+/-0.127 χ^2/NDF : 955028.5/18

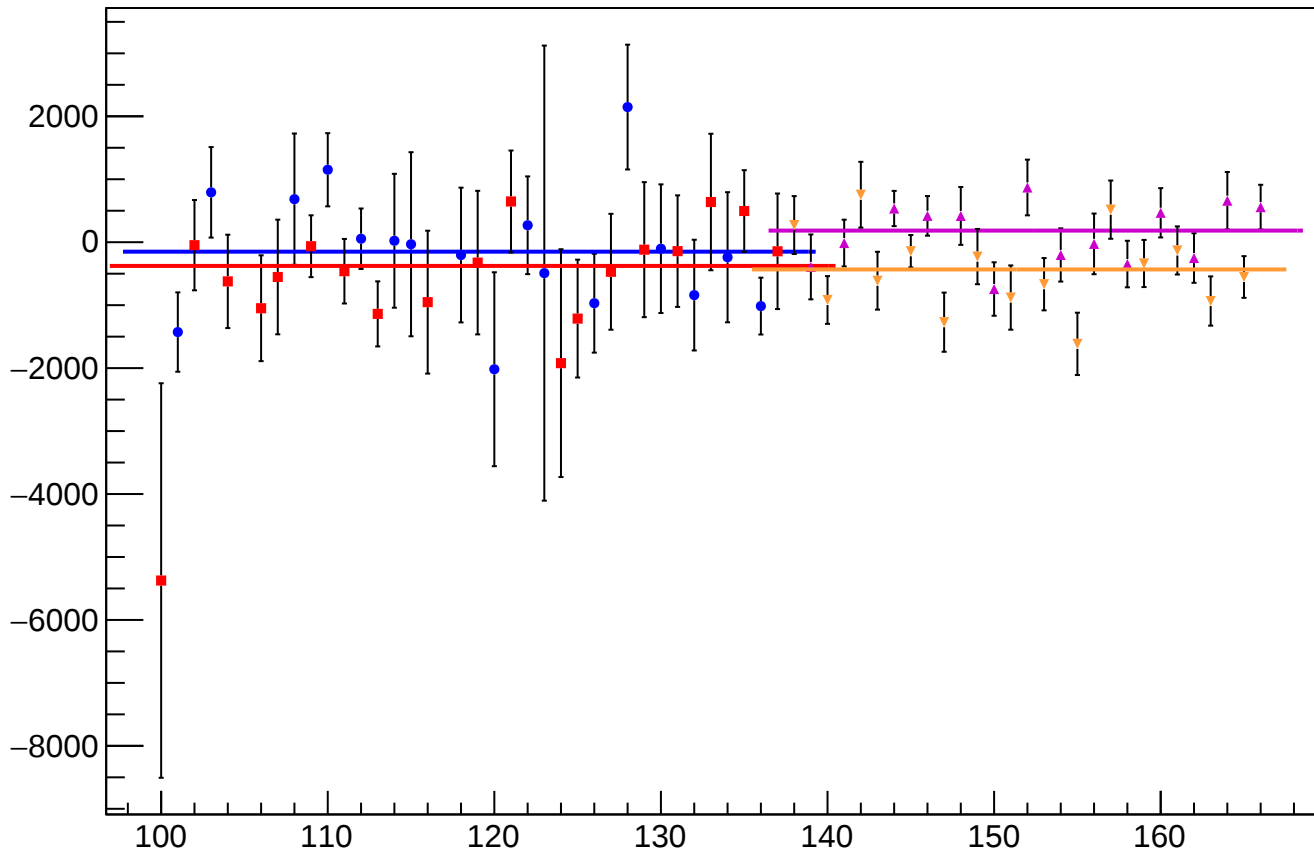
Left In: 334.381+/-0.073 χ^2/NDF : 658598.5/13

+ sign 365.586+/-0.064 χ^2/NDF : 2581281.7/31

All: 365.746+/-0.045 χ^2/NDF : 4942500.9/64

- sign 365.903+/-0.063 χ^2/NDF : 2361206.8/32

asym_sam_15_37_dd_mean vs Slug



Right In: -150.305 ± 189.729 χ^2/NDF : 24.2/16

Left Out: -432.471 ± 103.701 χ^2/NDF : 27.4/14

Right Out: -376.554 ± 181.258 χ^2/NDF : 12.4/18

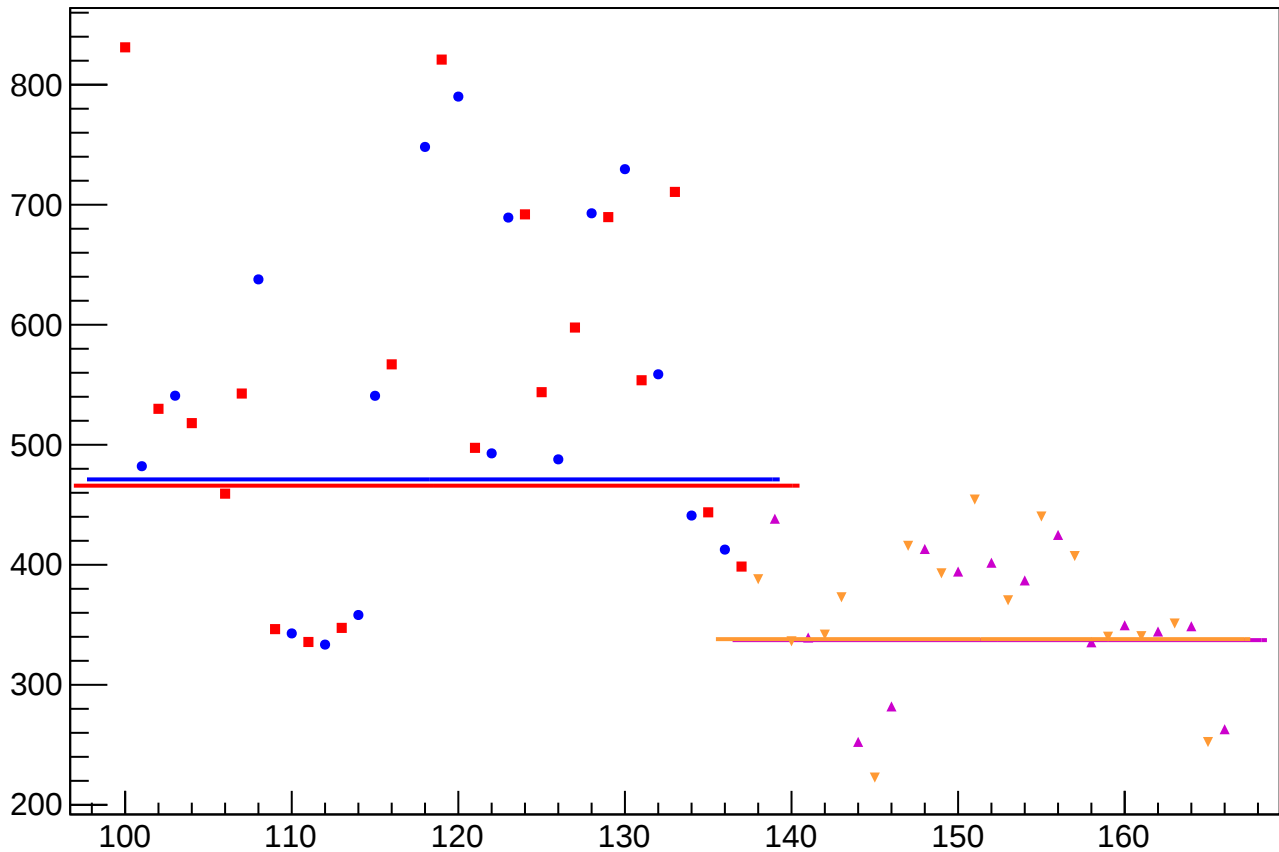
Left In: 184.410 ± 104.137 χ^2/NDF : 18.1/13

+ sign -367.566 ± 90.996 χ^2/NDF : 53.3/31

All: -159.589 ± 64.095 χ^2/NDF : 101.4/64

- sign 45.199 ± 90.295 χ^2/NDF : 37.7/32

asym_sam_15_37_dd_rms vs Slug



Right In: 471.156 $\pm$ 0.134 χ^2 /NDF: 871832.5/16

Left Out: 338.060 $\pm$ 0.073 χ^2 /NDF: 906740.1/14

Right Out: 465.935 $\pm$ 0.128 χ^2 /NDF: 940521.6/18

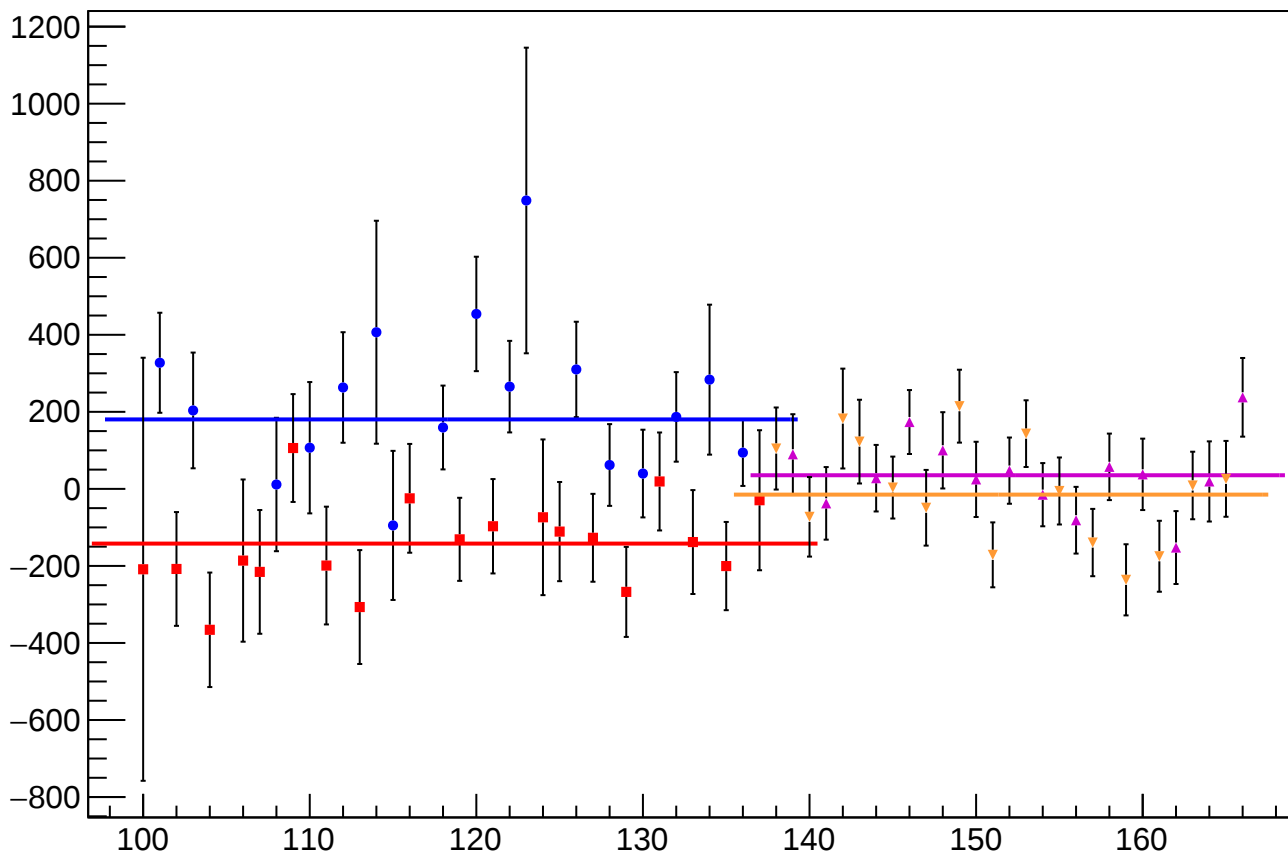
Left In: 337.235 $\pm$ 0.074 χ^2 /NDF: 640913.3/13

+ sign 368.675 $\pm$ 0.064 χ^2 /NDF: 2536397.8/31

All: 368.927 $\pm$ 0.045 χ^2 /NDF: 4875947.3/64

- sign 369.174 $\pm$ 0.064 χ^2 /NDF: 2339519.3/32

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 180.326 $\pm$ 32.769 χ^2 /NDF: 16.6/16

Left Out: -14.882 $\pm$ 24.240 χ^2 /NDF: 29.4/14

Right Out: -142.040 $\pm$ 32.338 χ^2 /NDF: 11.7/18

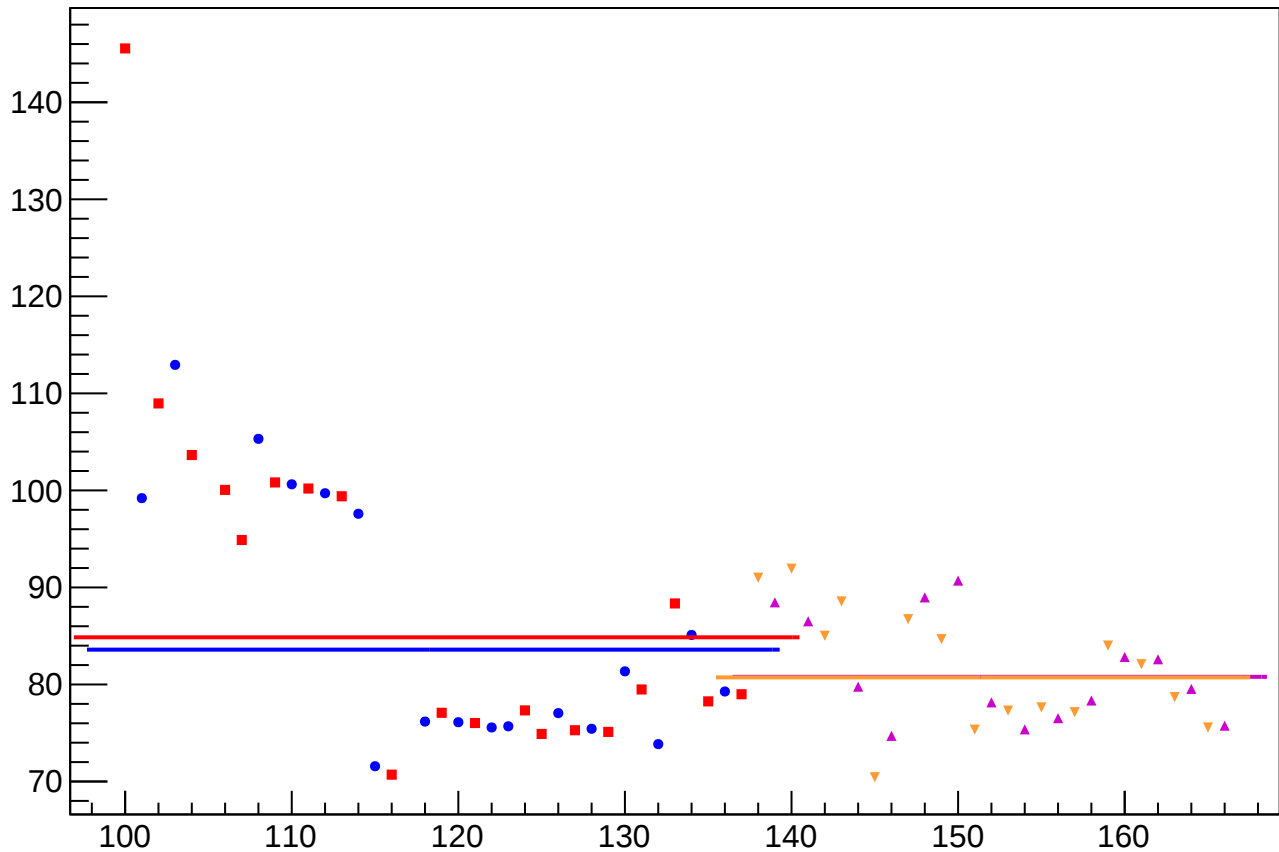
Left In: 35.385 $\pm$ 24.553 χ^2 /NDF: 14.3/13

+ sign 54.158 $\pm$ 19.488 χ^2 /NDF: 68.9/31

All: 12.476 $\pm$ 13.804 χ^2 /NDF: 123.1/64

- sign -29.494 $\pm$ 19.555 χ^2 /NDF: 45.0/32

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 83.591 $\pm$ 0.023 χ^2 /NDF: 255921.7/16

Left Out: 80.730 $\pm$ 0.017 χ^2 /NDF: 125153.9/14

Right Out: 84.861 $\pm$ 0.023 χ^2 /NDF: 290606.5/18

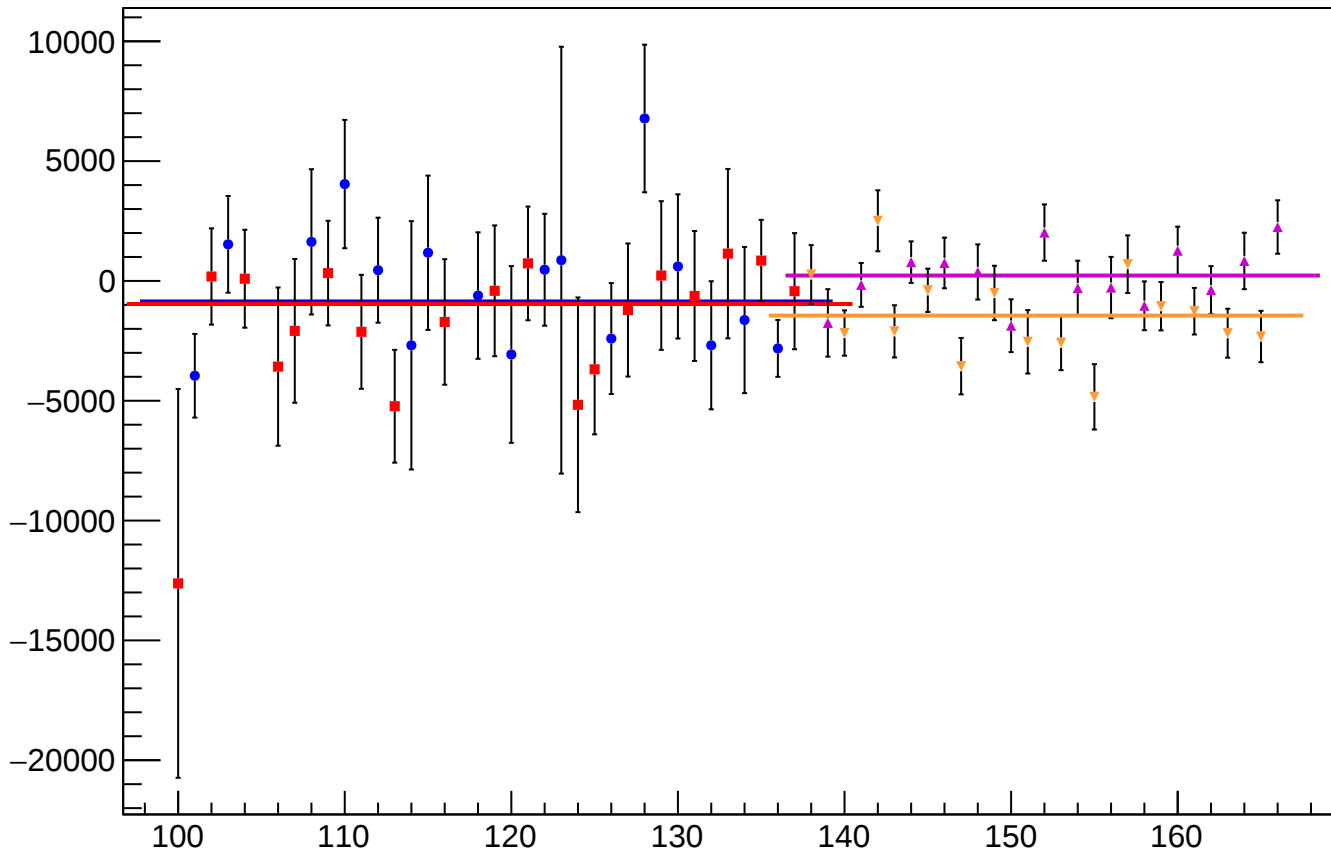
Left In: 80.788 $\pm$ 0.017 χ^2 /NDF: 87440.2/13

+ sign 81.742 $\pm$ 0.014 χ^2 /NDF: 390926.1/31

All: 82.009 $\pm$ 0.010 χ^2 /NDF: 789854.9/64

- sign 82.277 $\pm$ 0.014 χ^2 /NDF: 398177.0/32

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -855.308 $\pm$ 583.290 χ^2 /NDF: 20.3/16

Left Out: -1445.945 $\pm$ 283.982 χ^2 /NDF:30.3/14

Right Out: -962.932 $\pm$ 589.071 χ^2 /NDF: 11.5/18

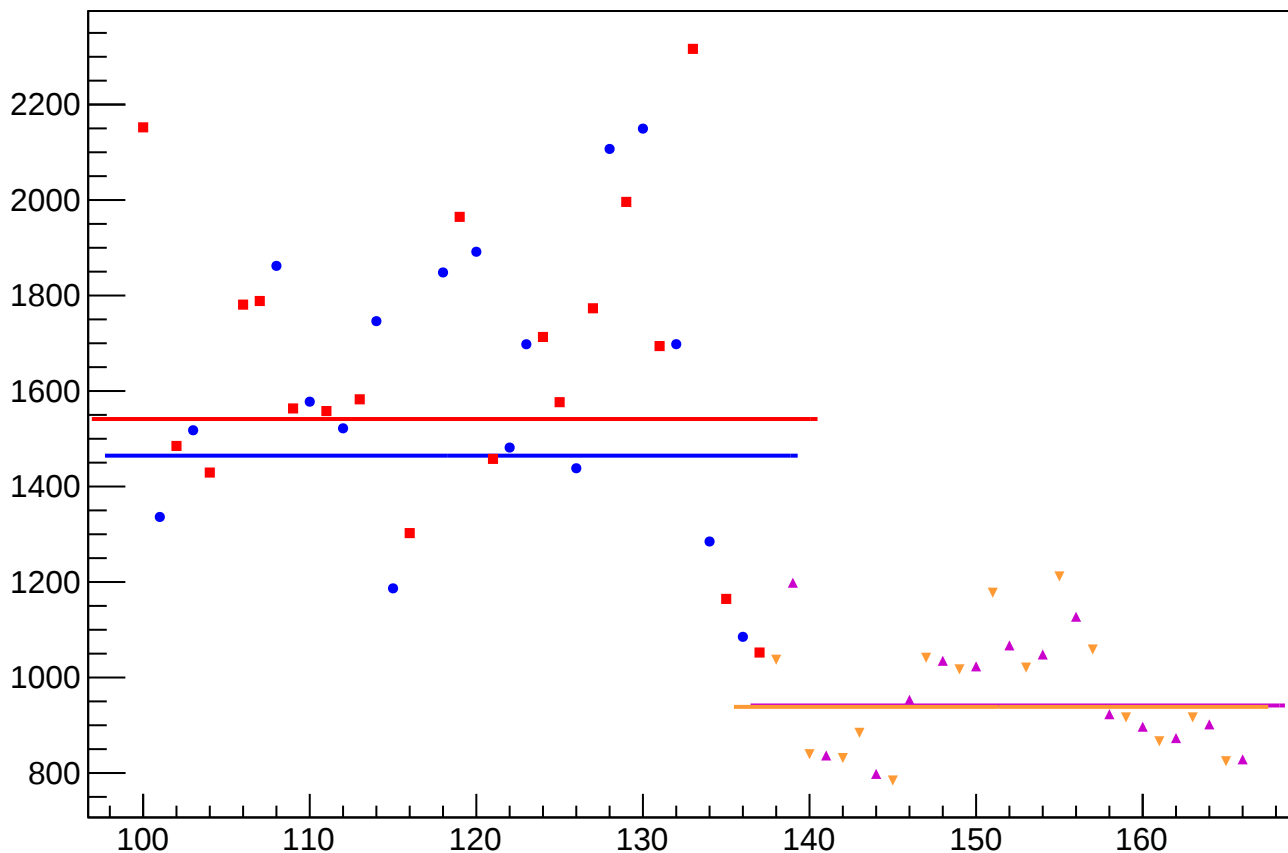
Left In: 224.974 $\pm$ 287.639 χ^2 /NDF:15.7/13

+ sign -1332.770 $\pm$ 255.329 χ^2 /NDF: 51.4/31

All: -676.377 $\pm$ 181.646 χ^2 /NDF: 95.2/64

- sign -3.729 $\pm$ 258.471 χ^2 /NDF: 30.5/32

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1464.636 $\pm$ 0.412 χ^2 /NDF: 560863.4/16

Left Out: 938.512 $\pm$ 0.201 χ^2 /NDF: 348593.8/14

Right Out: 1541.388 $\pm$ 0.417 χ^2 /NDF: 453710.5/18

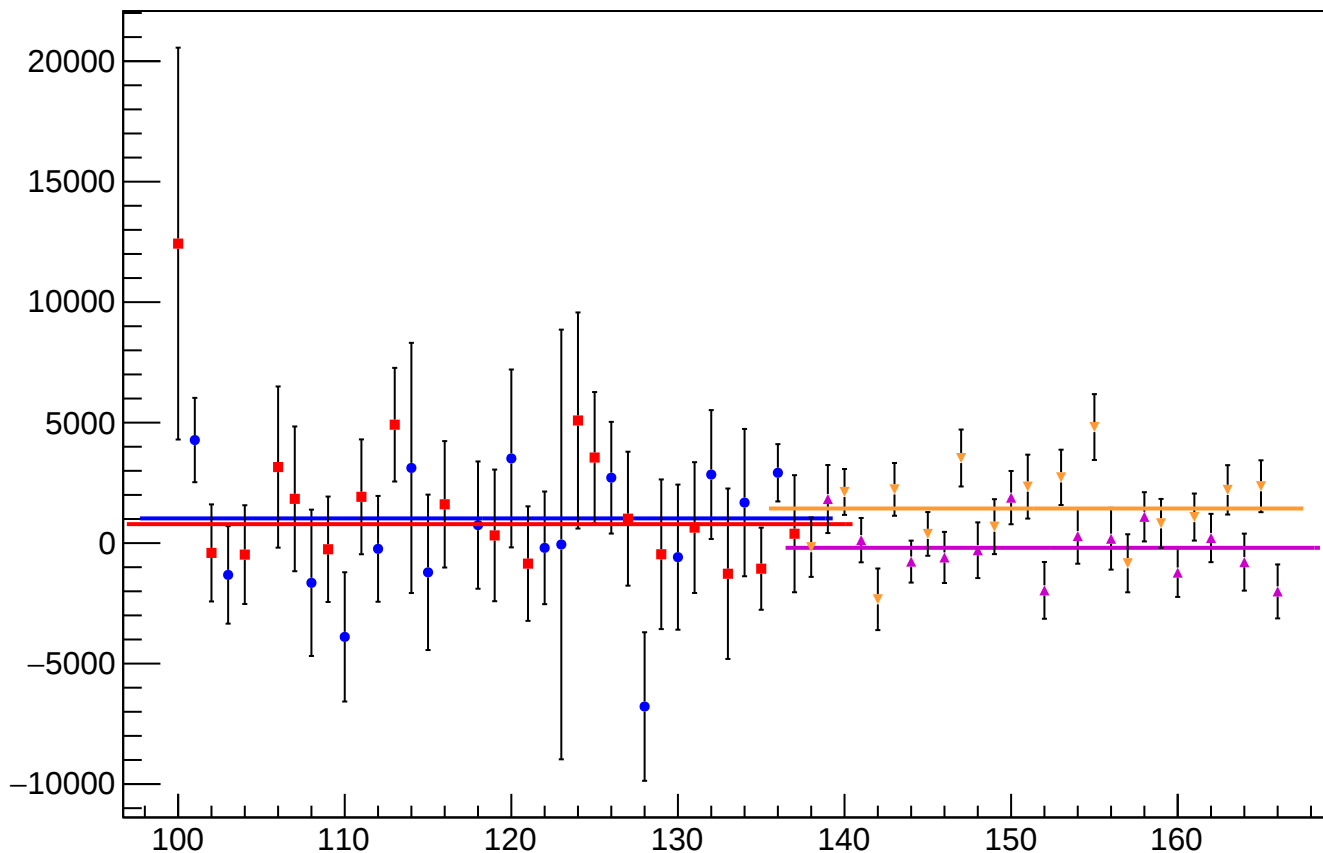
Left In: 941.438 $\pm$ 0.203 χ^2 /NDF: 291314.8/13

+ sign 1039.326 $\pm$ 0.181 χ^2 /NDF: 2224845.6/31

All: 1048.027 $\pm$ 0.128 χ^2 /NDF: 4649726.0/64

- sign 1056.944 $\pm$ 0.183 χ^2 /NDF: 2420177.5/32

asym_sam_24_68_dd_mean vs Slug



Right In: 1025.527 $\pm$ 584.500 χ^2 /NDF: 20.9/16

Left Out: 1436.398 $\pm$ 285.135 χ^2 /NDF:29.6/14

Right Out: 787.007 $\pm$ 590.388 χ^2 /NDF: 11.2/18

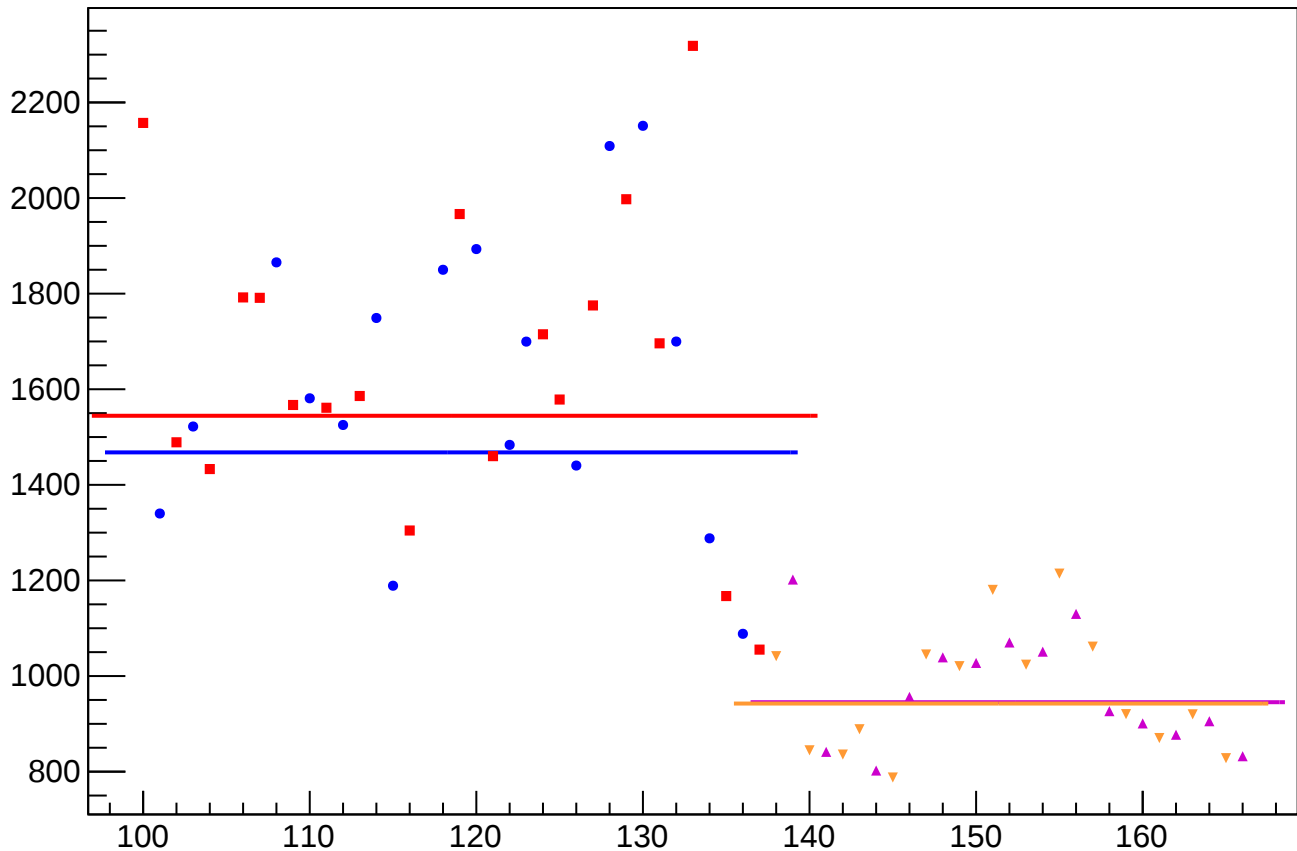
Left In: -195.240 $\pm$ 288.779 χ^2 /NDF:14.5/13

+ sign 1357.417 $\pm$ 256.268 χ^2 /NDF: 50.9/31

All: 684.209 $\pm$ 182.309 χ^2 /NDF: 92.8/64

- sign -5.606 $\pm$ 259.409 χ^2 /NDF: 27.9/32

asym_sam_24_68_dd_rms vs Slug



Right In: 1467.905 $\pm$ 0.413 χ^2 /NDF: 557458.9/16

Left Out: 942.468 $\pm$ 0.202 χ^2 /NDF:343897.0/14

Right Out: 1544.513 $\pm$ 0.417 χ^2 /NDF: 451805.9/18

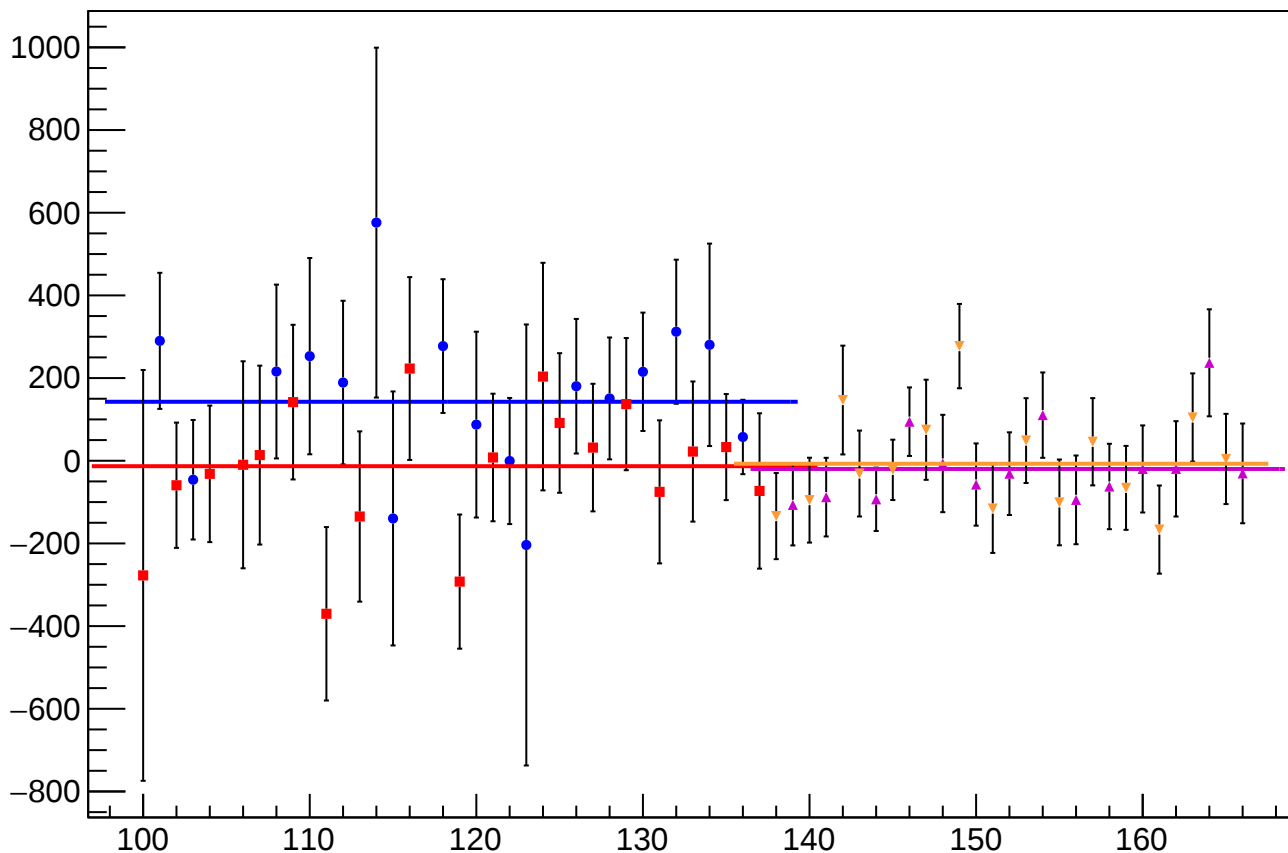
Left In: 945.283 $\pm$ 0.204 χ^2 /NDF:287290.2/13

+ sign 1043.472 $\pm$ 0.181 χ^2 /NDF: 2206901.8/31

All: 1052.115 $\pm$ 0.129 χ^2 /NDF: 4613187.5/64

- sign 1060.971 $\pm$ 0.183 χ^2 /NDF: 2401679.7/32

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 142.683 $\pm$ 41.625 χ^2 /NDF: 9.3/16

Left Out: -7.247 $\pm$ 26.626 χ^2 /NDF: 18.0/14

Right Out: -13.177 $\pm$ 41.396 χ^2 /NDF: 10.8/18

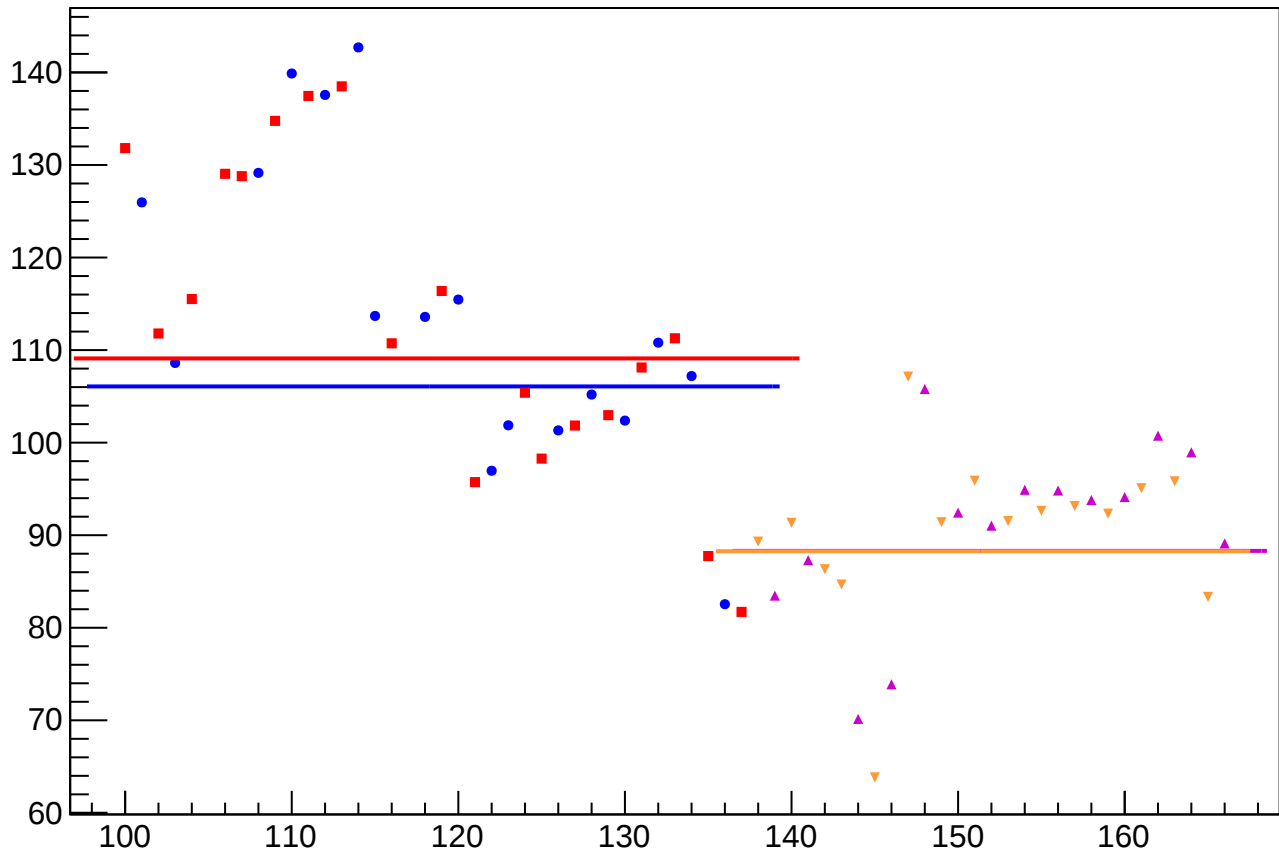
Left In: -19.905 $\pm$ 27.001 χ^2 /NDF: 10.5/13

+ sign 36.288 $\pm$ 22.430 χ^2 /NDF: 36.5/31

All: 9.419 $\pm$ 15.926 χ^2 /NDF: 60.7/64

- sign -17.897 $\pm$ 22.616 χ^2 /NDF: 21.3/32

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 106.074 $\pm$ 0.029 χ^2 /NDF: 317907.9/16

Left Out: 88.269 $\pm$ 0.019 χ^2 /NDF:324704.0/14

Right Out: 109.100 $\pm$ 0.029 χ^2 /NDF: 285394.8/18

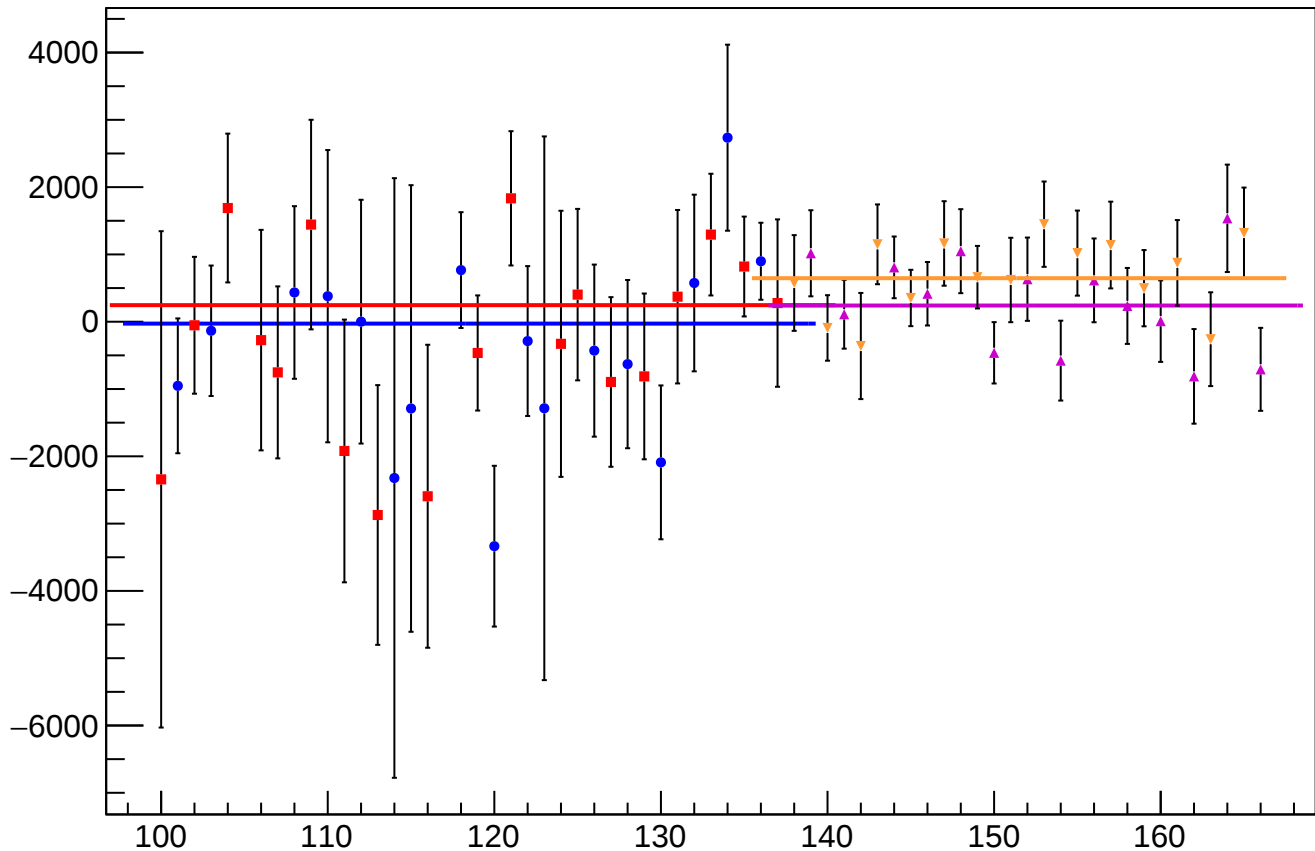
Left In: 88.306 $\pm$ 0.019 χ^2 /NDF:291190.2/13

+ sign 93.439 $\pm$ 0.016 χ^2 /NDF: 902277.0/31

All: 93.971 $\pm$ 0.011 χ^2 /NDF: 1835183.5/64

- sign 94.512 $\pm$ 0.016 χ^2 /NDF: 930635.7/32

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -27.969 ± 283.741 χ^2/NDF : 20.5/16

Left Out: 647.009 ± 151.955 χ^2/NDF : 11.3/14

Right Out: 246.386 ± 279.451 χ^2/NDF : 15.9/18

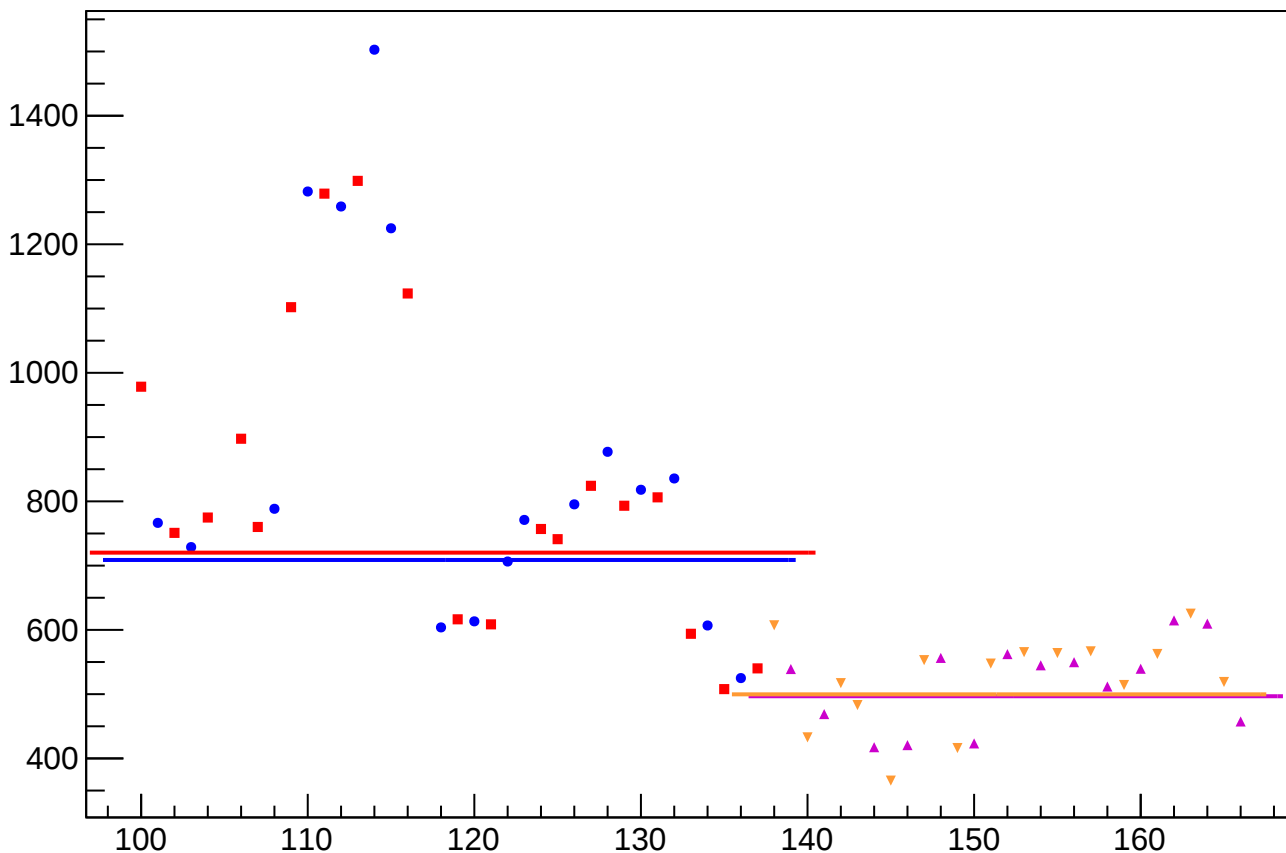
Left In: 240.666 ± 152.443 χ^2/NDF : 17.3/13

+ sign 496.570 ± 133.955 χ^2/NDF : 36.2/31

All: 369.151 ± 94.675 χ^2/NDF : 71.1/64

- sign 241.978 ± 133.826 χ^2/NDF : 33.2/32

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 708.784 $\pm$ 0.201 χ^2 /NDF: 793538.1/16

Left Out: 499.717 $\pm$ 0.107 χ^2 /NDF: 533406.5/14

Right Out: 720.201 $\pm$ 0.198 χ^2 /NDF: 899934.4/18

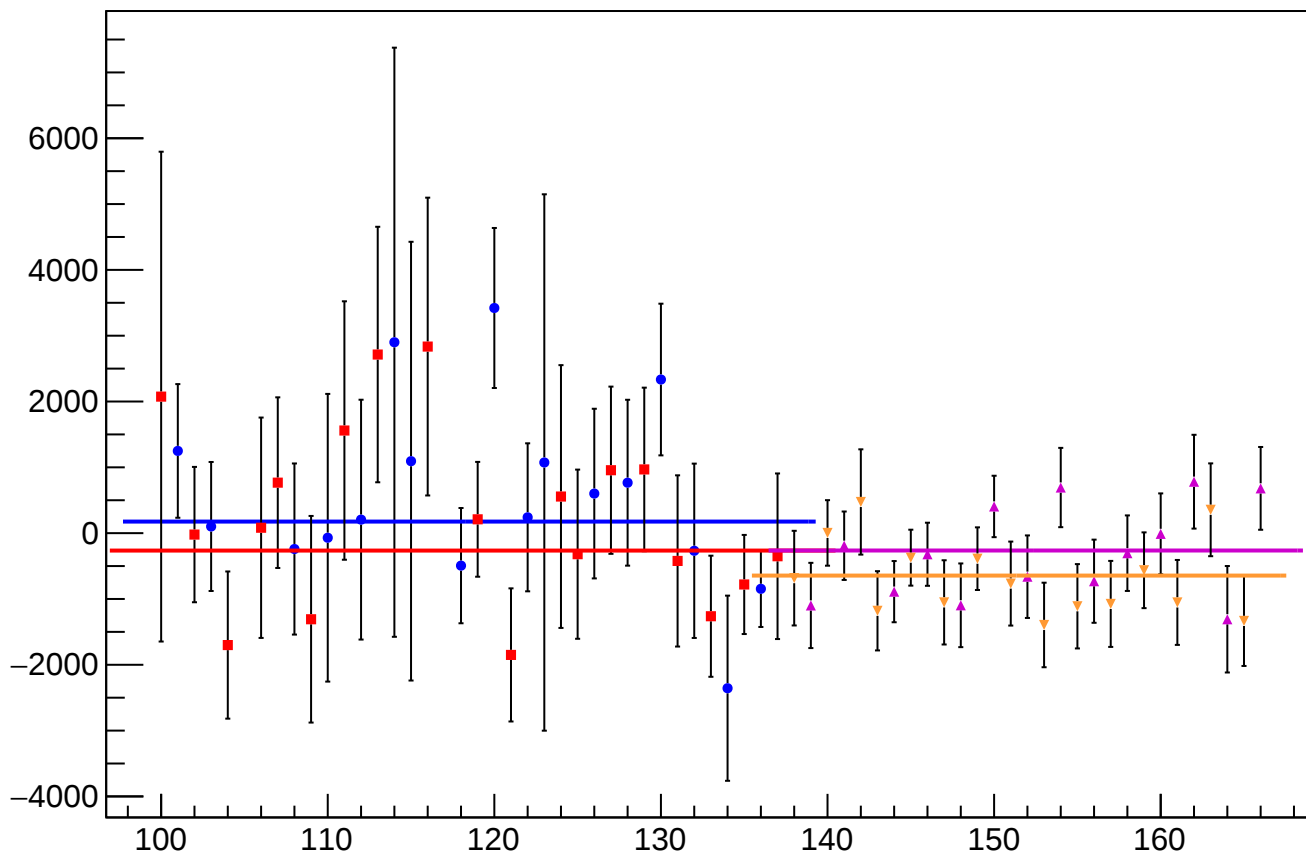
Left In: 496.759 $\pm$ 0.108 χ^2 /NDF: 362744.9/13

+ sign 546.314 $\pm$ 0.095 χ^2 /NDF: 2170756.4/31

All: 547.159 $\pm$ 0.067 χ^2 /NDF: 4419001.3/64

- sign 548.002 $\pm$ 0.095 χ^2 /NDF: 2248085.9/32

asym_sam_26_48_dd_mean vs Slug



Right In: 175.854 $\pm$ 287.218 χ^2 /NDF: 19.7/16

Left Out: -644.609 $\pm$ 154.458 χ^2 /NDF:11.4/14

Right Out: -264.622 $\pm$ 283.074 χ^2 /NDF: 14.8/18

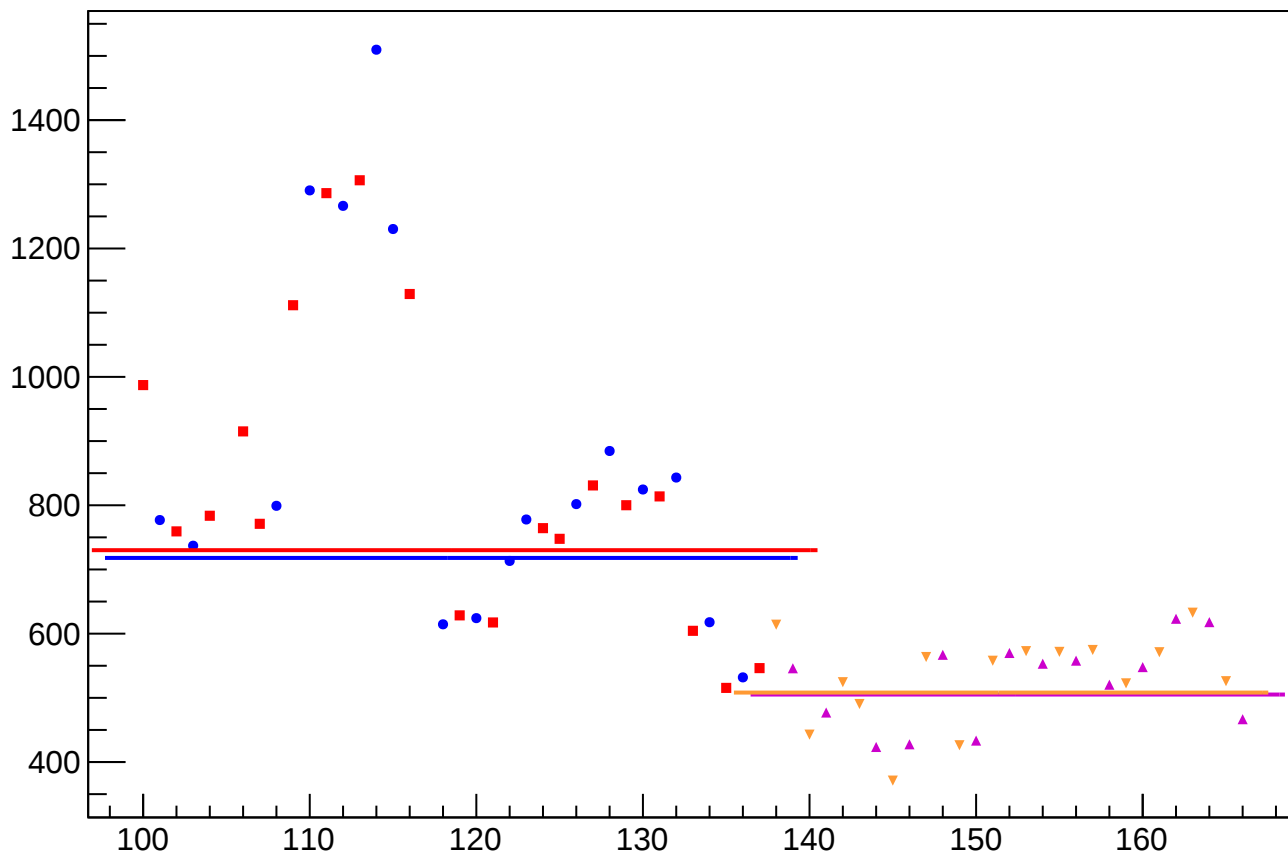
Left In: -263.652 $\pm$ 154.963 χ^2 /NDF:17.0/13

+ sign -460.559 $\pm$ 136.035 χ^2 /NDF: 37.4/31

All: -362.141 $\pm$ 96.154 χ^2 /NDF: 70.3/64

- sign -263.876 $\pm$ 135.929 χ^2 /NDF: 31.8/32

asym_sam_26_48_dd_rms vs Slug



Right In: 717.973 $\pm$ 0.203 χ^2 /NDF: 778580.1/16

Left Out: 508.226 $\pm$ 0.109 χ^2 /NDF: 519627.3/14

Right Out: 730.040 $\pm$ 0.200 χ^2 /NDF: 881842.0/18

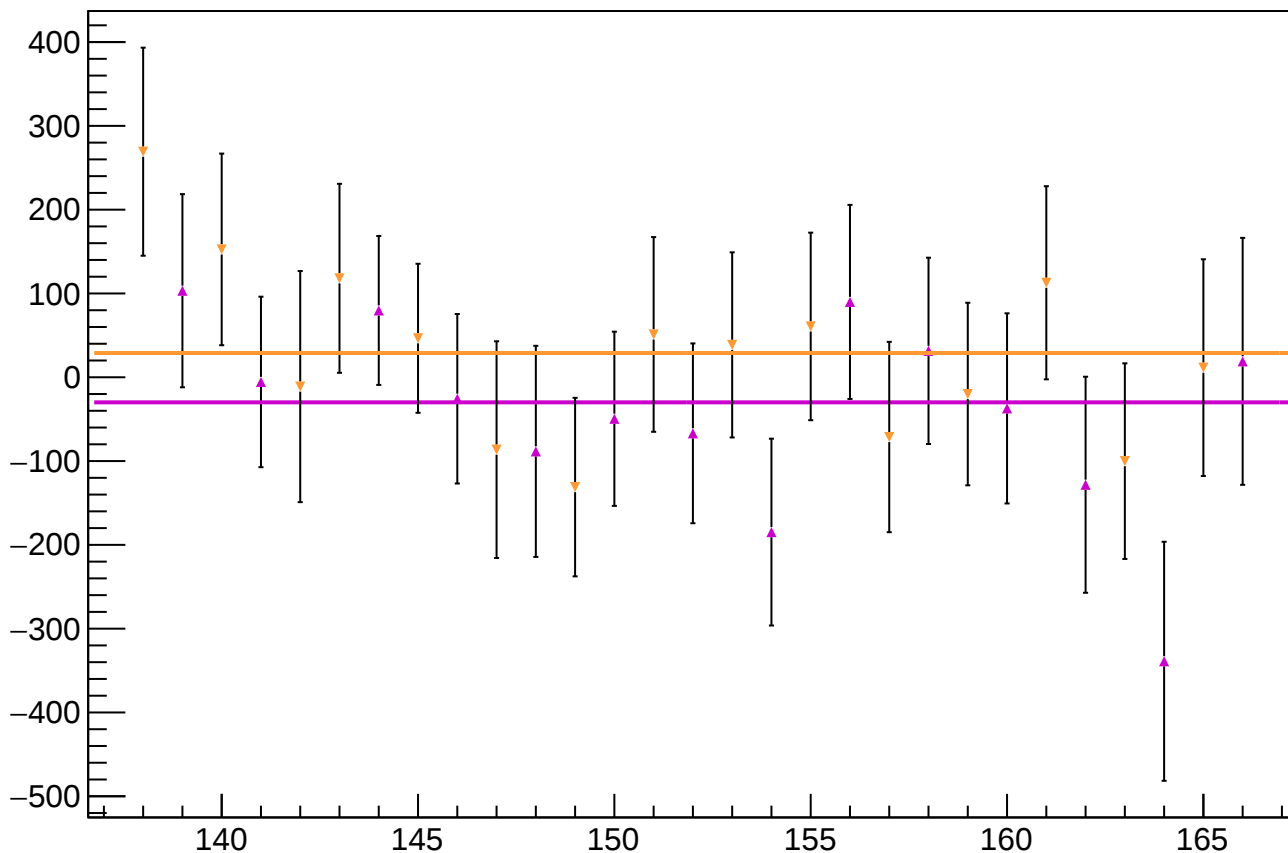
Left In: 505.146 $\pm$ 0.110 χ^2 /NDF: 354390.7/13

+ sign 555.278 $\pm$ 0.096 χ^2 /NDF: 2125535.1/31

All: 556.140 $\pm$ 0.068 χ^2 /NDF: 4333223.3/64

- sign 557.002 $\pm$ 0.096 χ^2 /NDF: 2207527.4/32

reg_asym_sam_1548_avg_mean vs Slug



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

Left Out: 28.973 $\pm$ 29.447 χ^2 /NDF:11.6/14

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

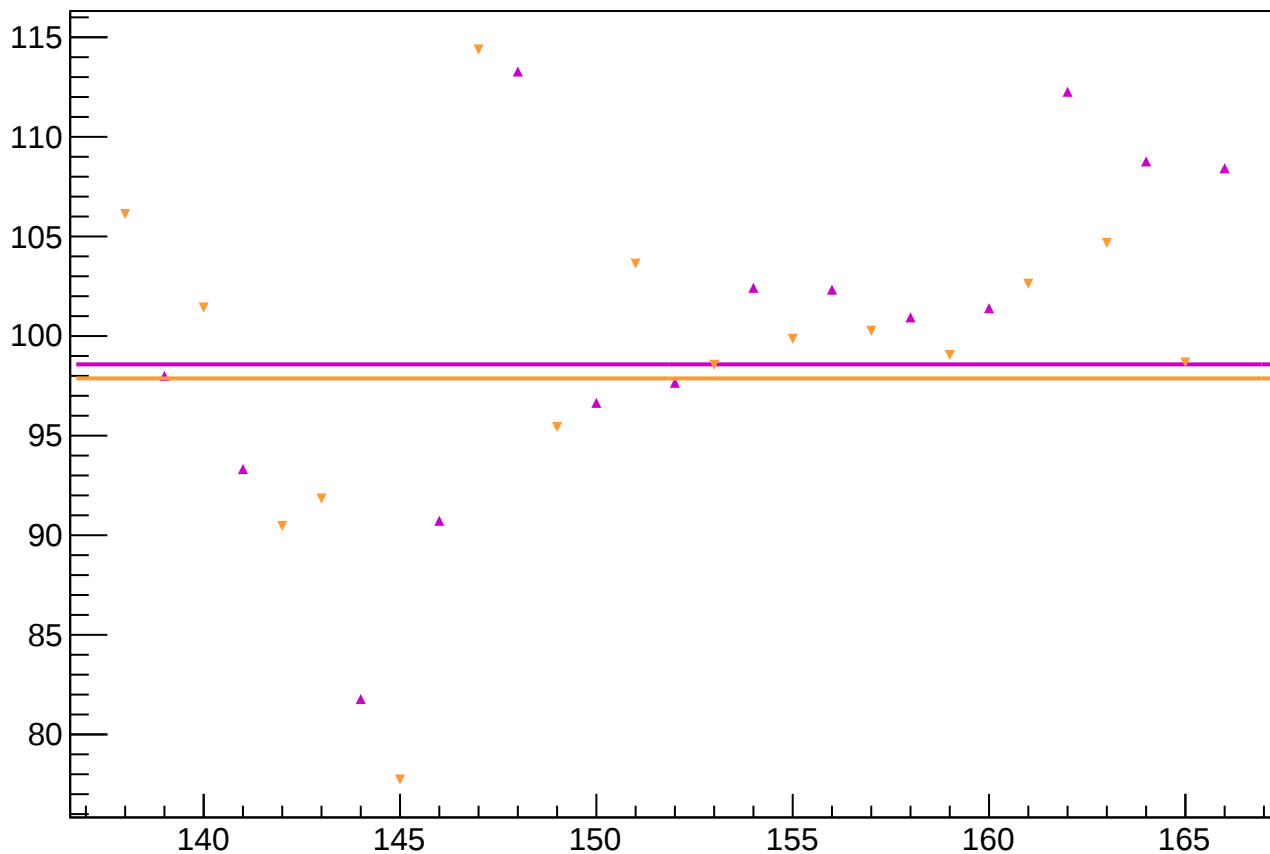
Left In: -29.921 $\pm$ 30.045 χ^2 /NDF:12.0/13

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

All: 0.118 $\pm$ 21.030 χ^2 /NDF: 25.5/28

- 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: 97.874+/-0.021 χ^2/NDF :175537.9/14

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

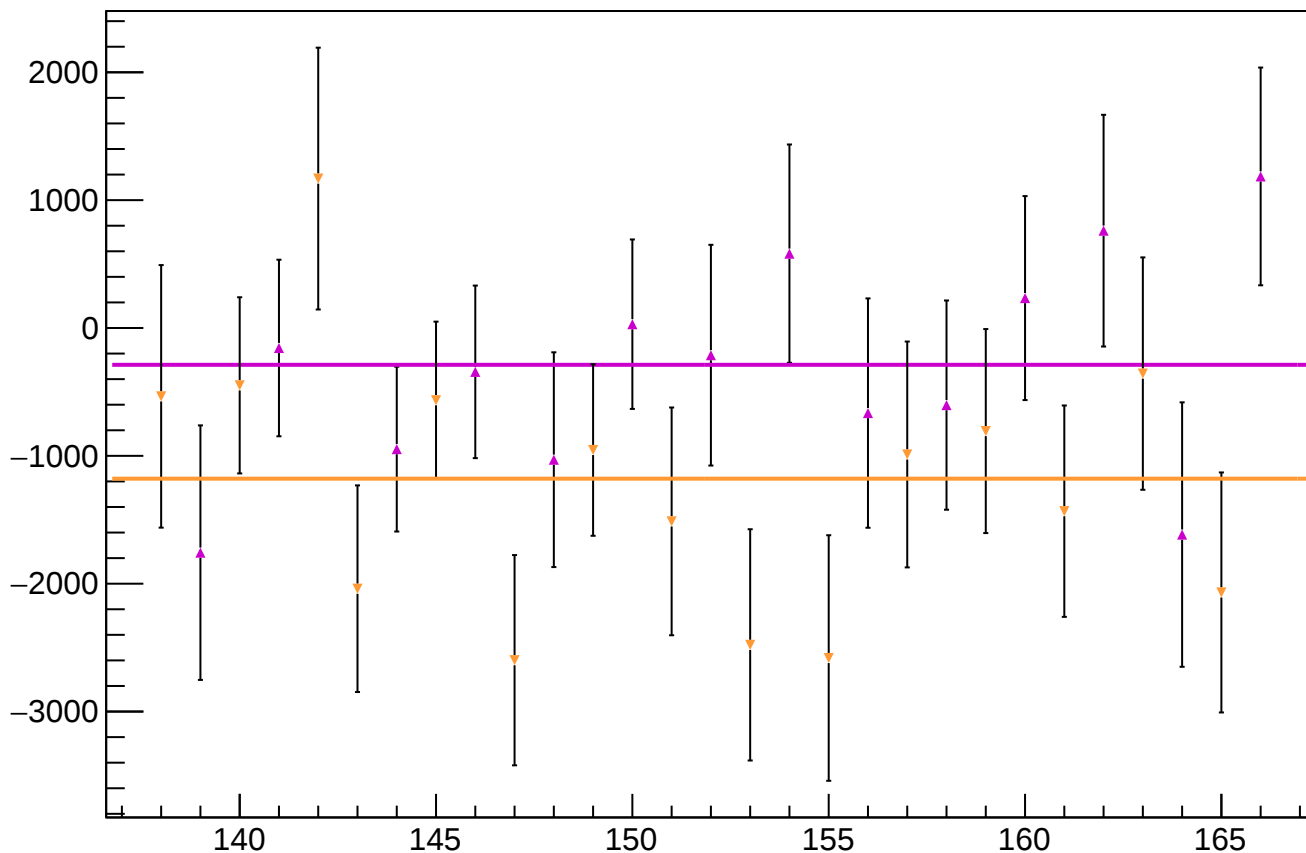
Left In: 98.579+/-0.021 χ^2/NDF :165295.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.219+/-0.015 χ^2/NDF : 341394.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -1178.501 $\pm$ 212.649 χ^2 /NDF:18.4/14

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

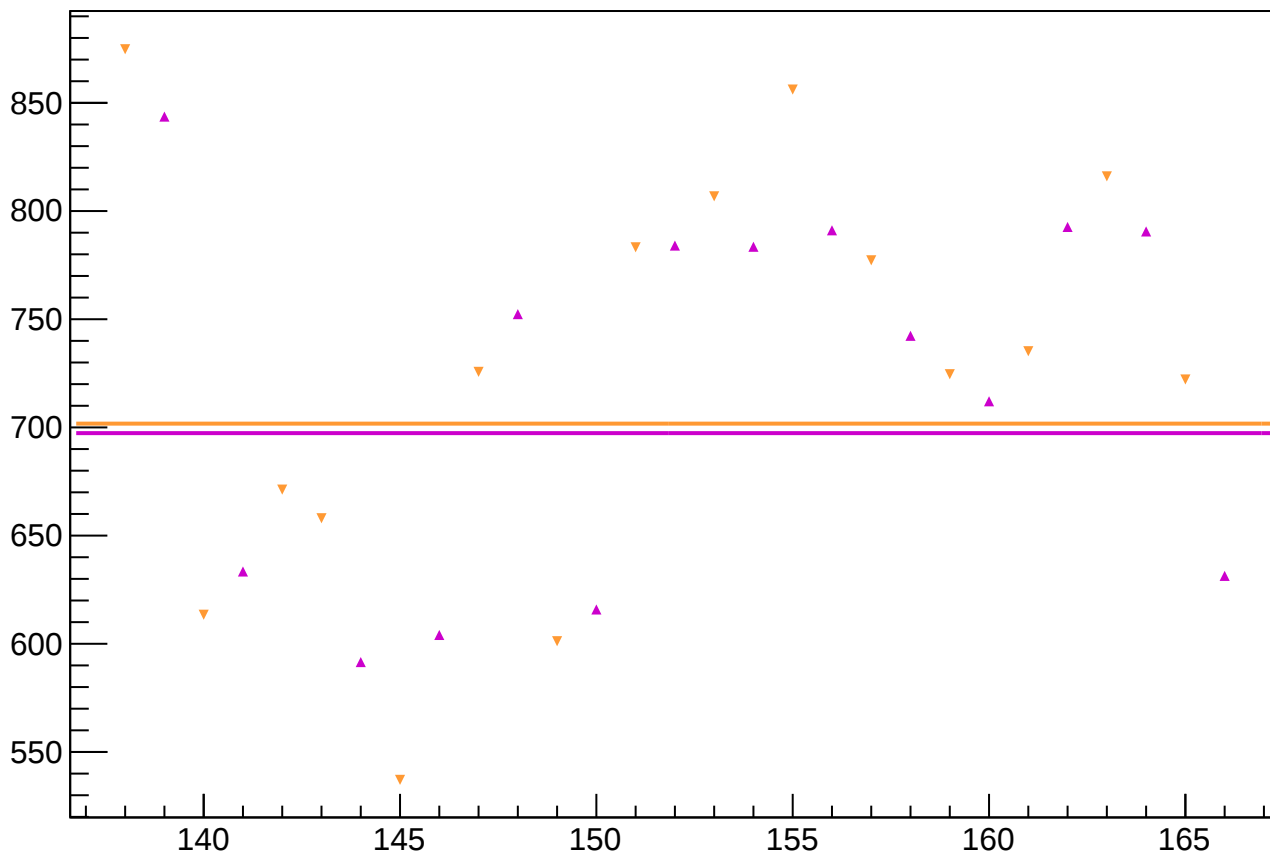
Left In: -287.998 $\pm$ 213.408 χ^2 /NDF:12.1/13

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

All: -734.835 $\pm$ 150.633 χ^2 /NDF: 39.2/28

- sign 0.000 $\pm$ 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: 701.751+/-0.150 χ^2/NDF :434885.9/14

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

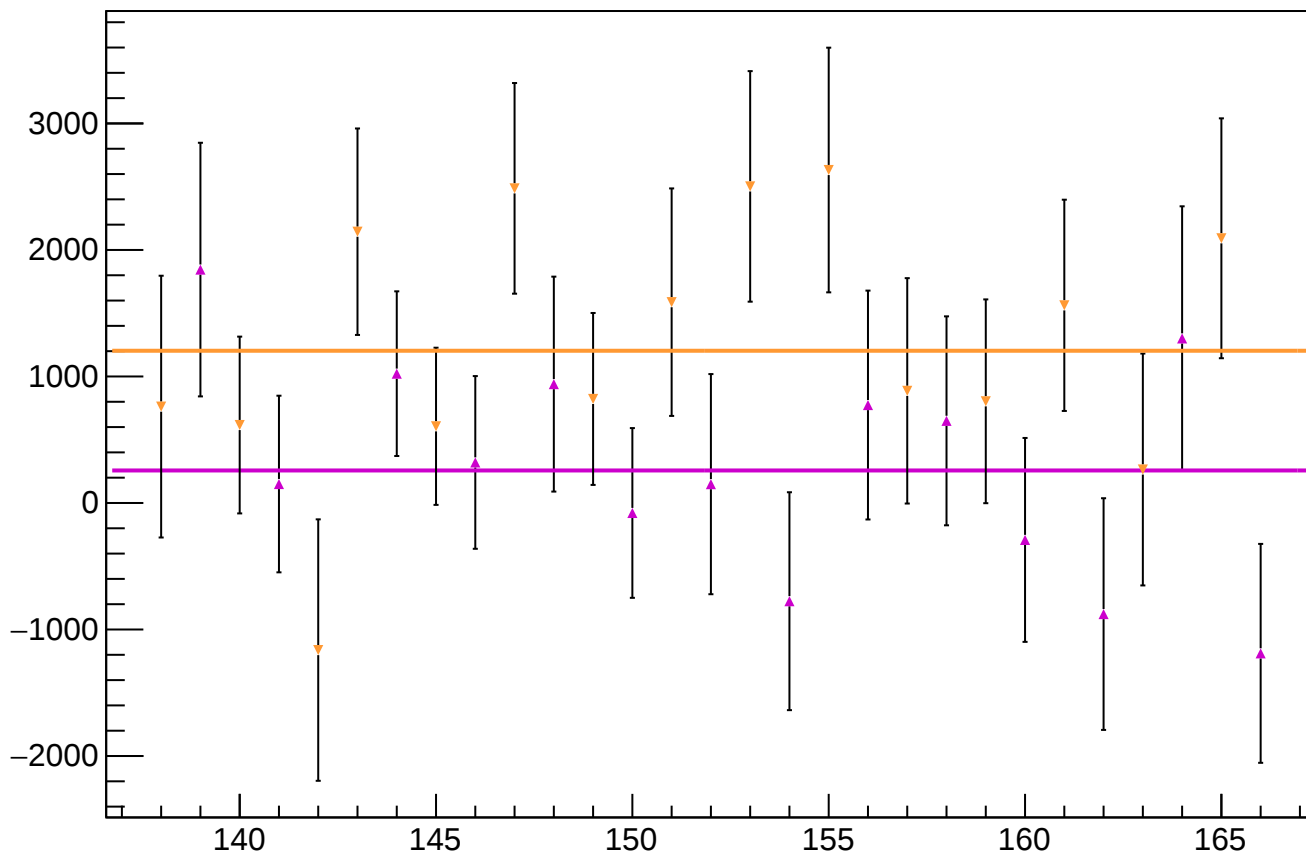
Left In: 697.358+/-0.151 χ^2/NDF :310749.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.562+/-0.107 χ^2/NDF : 746060.8/28

- 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: 1203.287+/-214.807 χ^2/NDF :18.0/14

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

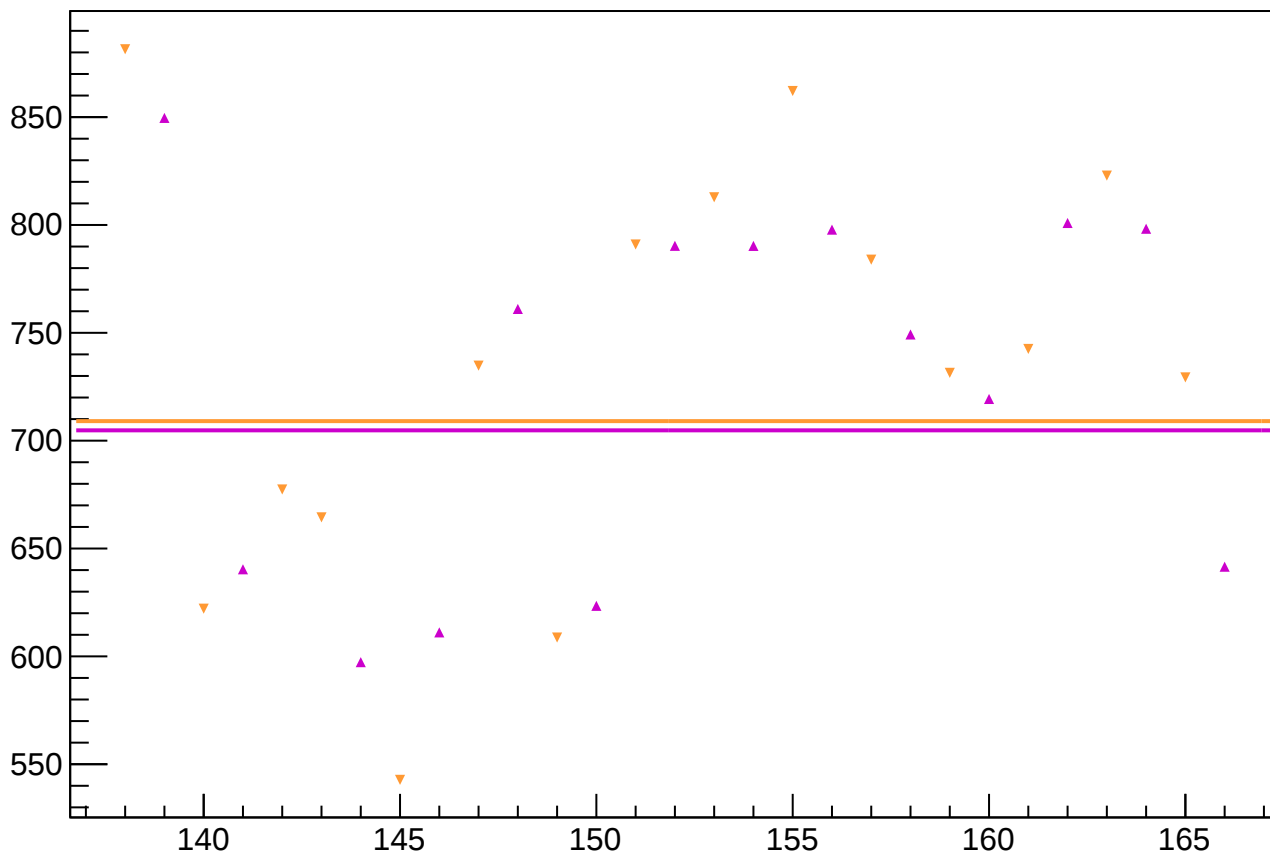
Left In: 257.046+/-215.636 χ^2/NDF :12.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.989+/-152.184 χ^2/NDF : 40.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



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

Left Out: 709.061+/-0.152 χ^2/NDF : 426552.9/14

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

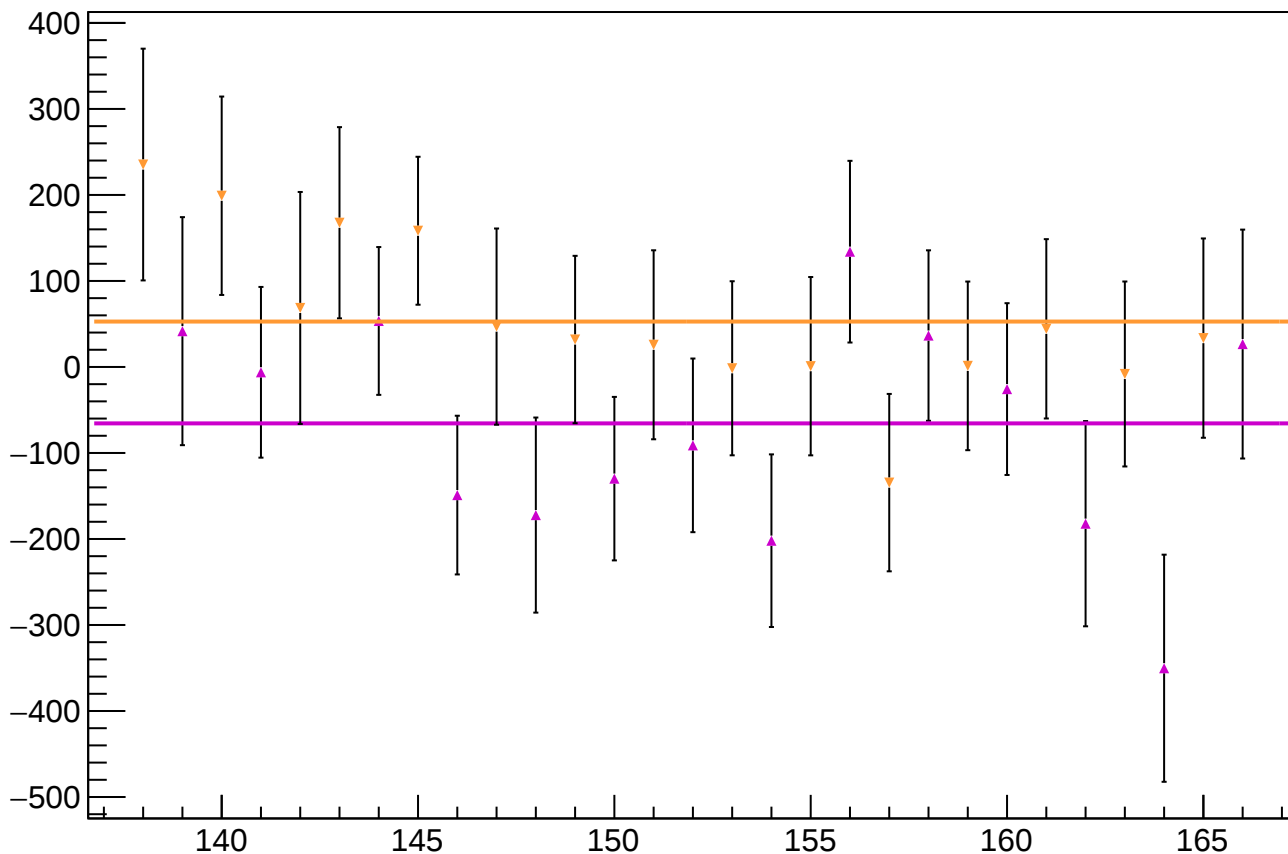
Left In: 704.787+/-0.152 χ^2/NDF : 304602.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 706.933+/-0.108 χ^2/NDF : 731550.1/28

- sign 0.000+/-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: 52.799 $\pm$ 27.646 χ^2 /NDF:10.6/14

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

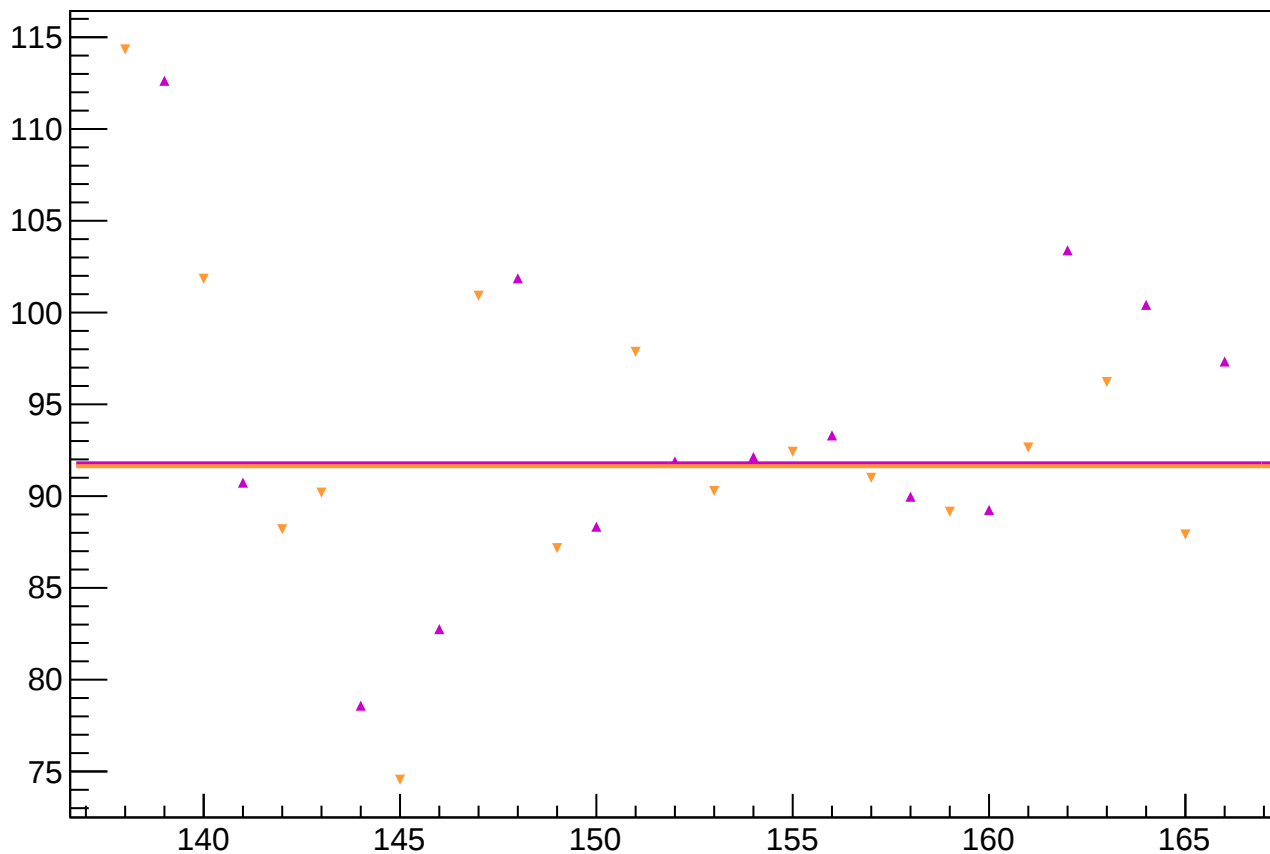
Left In: -65.600 $\pm$ 28.028 χ^2 /NDF:17.9/13

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

All: -5.589 $\pm$ 19.682 χ^2 /NDF: 37.5/28

- 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: 91.630+/-0.020 χ^2/NDF : 184591.7/14

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

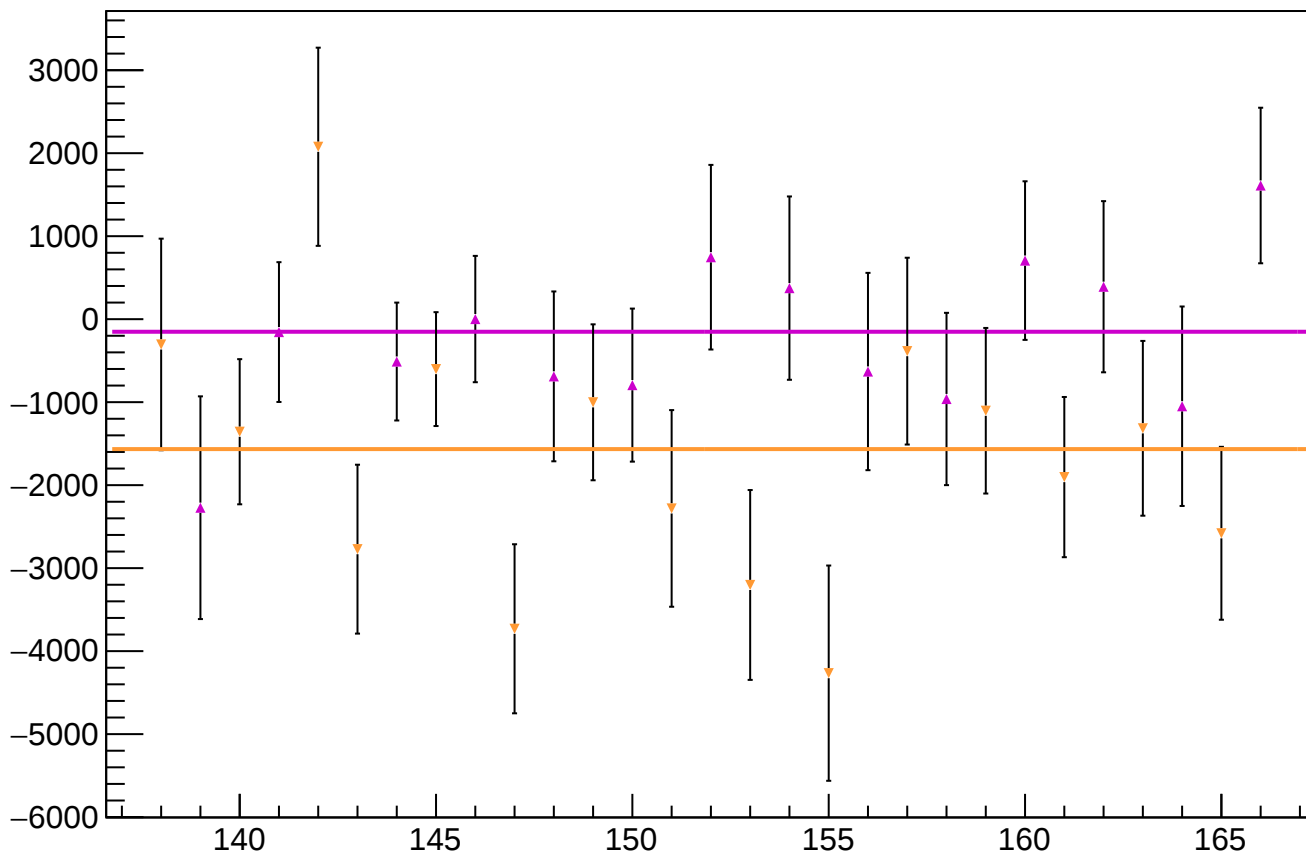
Left In: 91.784+/-0.020 χ^2/NDF : 167810.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.706+/-0.014 χ^2/NDF : 352433.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1565.498+/-261.949 χ^2/NDF : 27.8/14

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

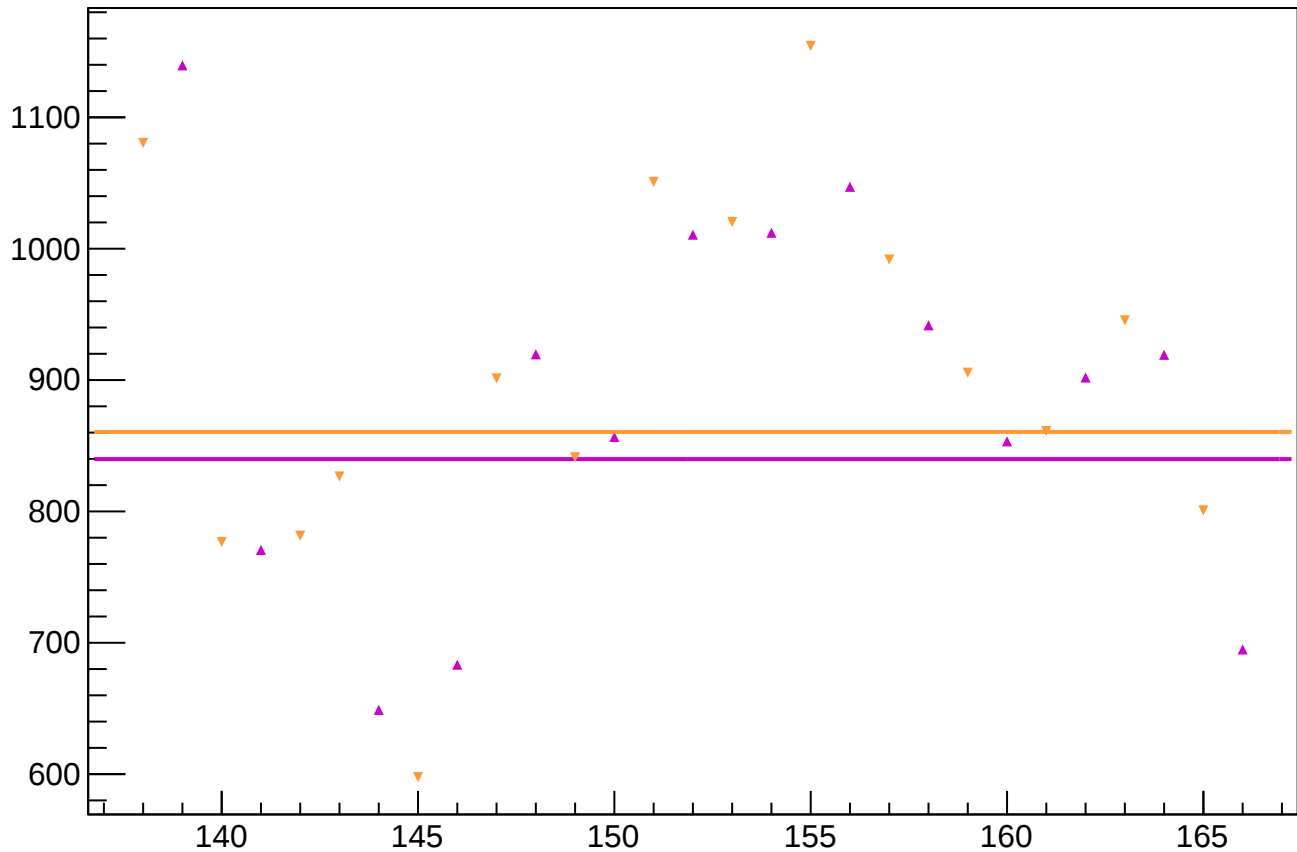
Left In: -151.567+/-258.763 χ^2/NDF : 10.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -849.881+/-184.089 χ^2/NDF : 52.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 860.527+/-0.185 χ^2/NDF : 630651.6/14

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

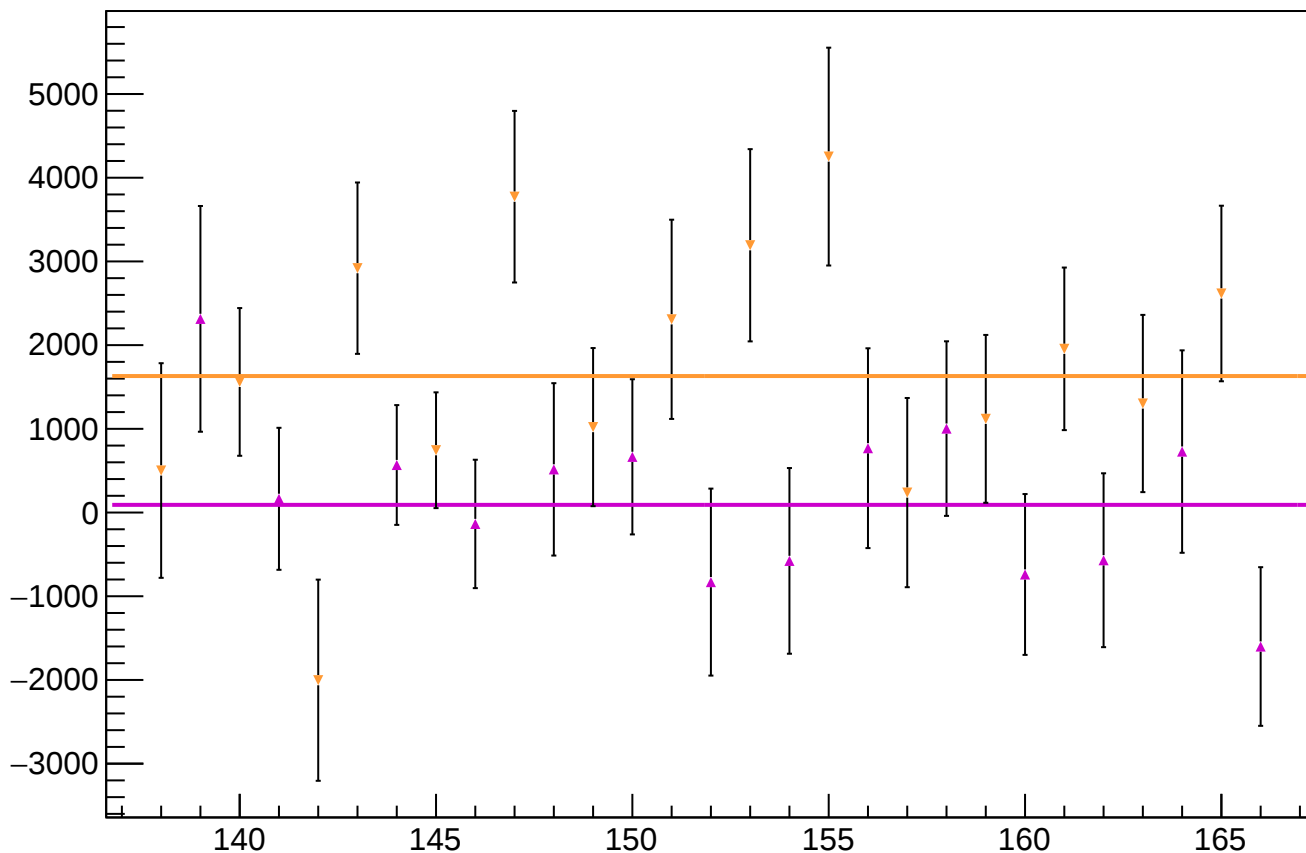
Left In: 839.848+/-0.183 χ^2/NDF : 595264.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.061+/-0.130 χ^2/NDF : 1232225.1/28

- 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: 1630.666+/-263.542 χ^2/NDF : 27.0/14

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

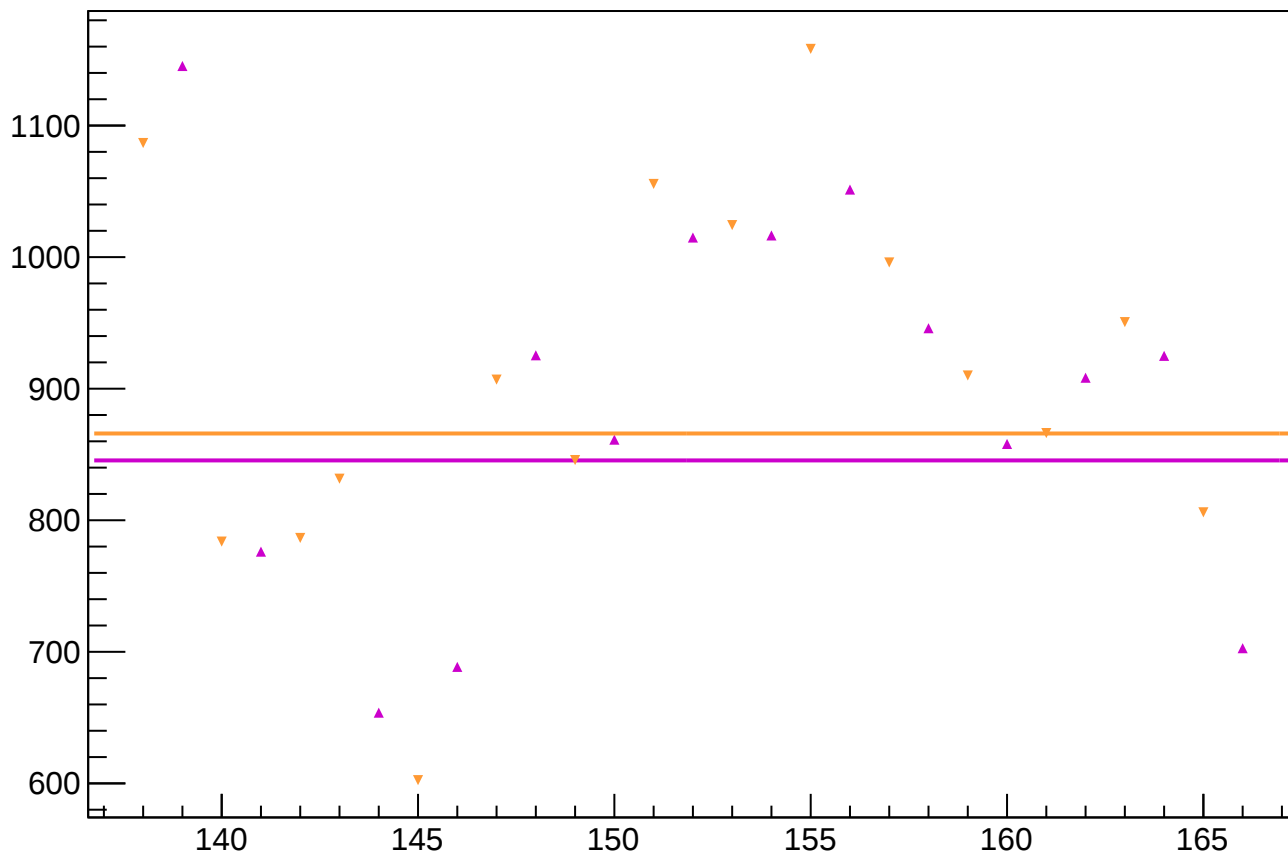
Left In: 91.699+/-260.433 χ^2/NDF : 10.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 852.053+/-185.243 χ^2/NDF : 54.9/28

- 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: 865.951+/-0.186 χ^2/NDF : 621555.2/14

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

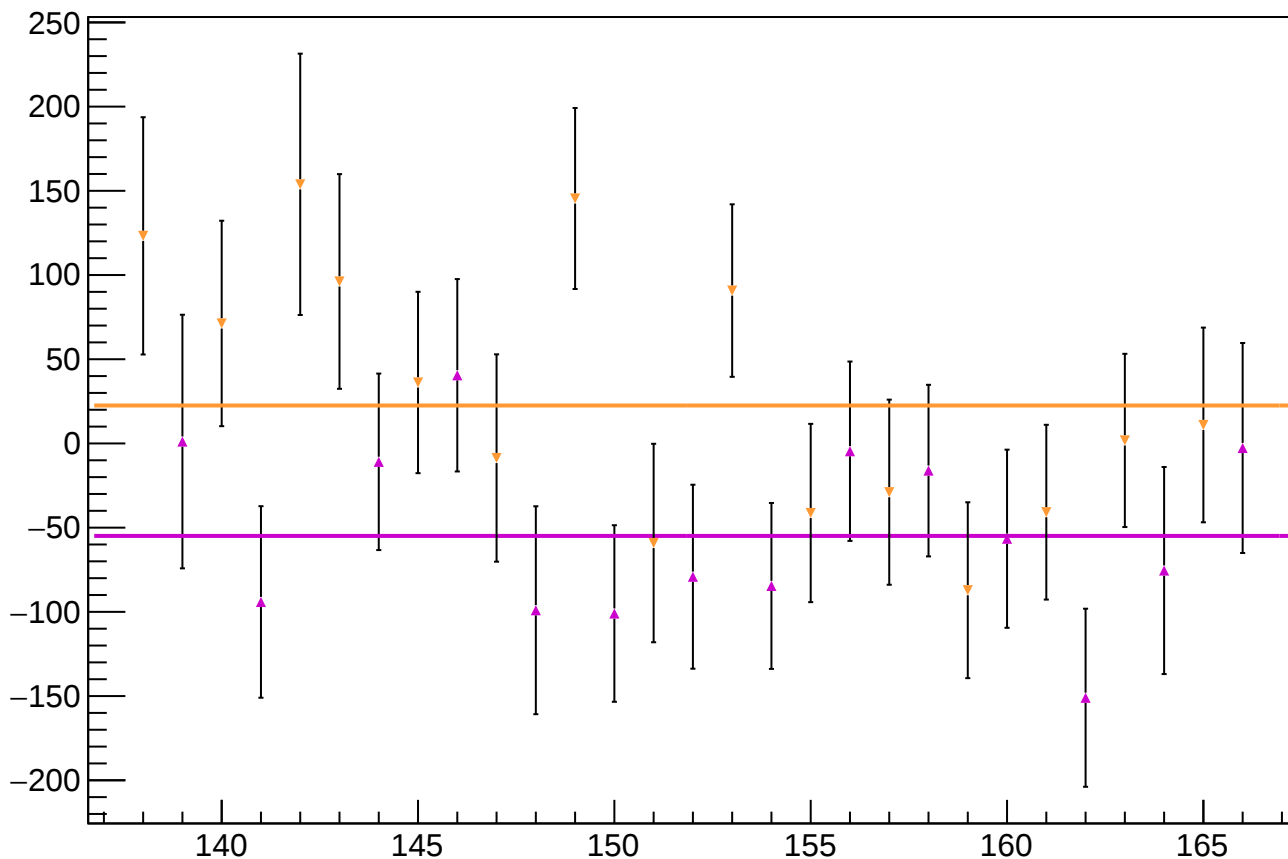
Left In: 845.484+/-0.184 χ^2/NDF : 585423.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.596+/-0.131 χ^2/NDF : 1213081.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



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

Left Out: 22.526+/-14.727 χ^2/NDF : 24.6/14

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

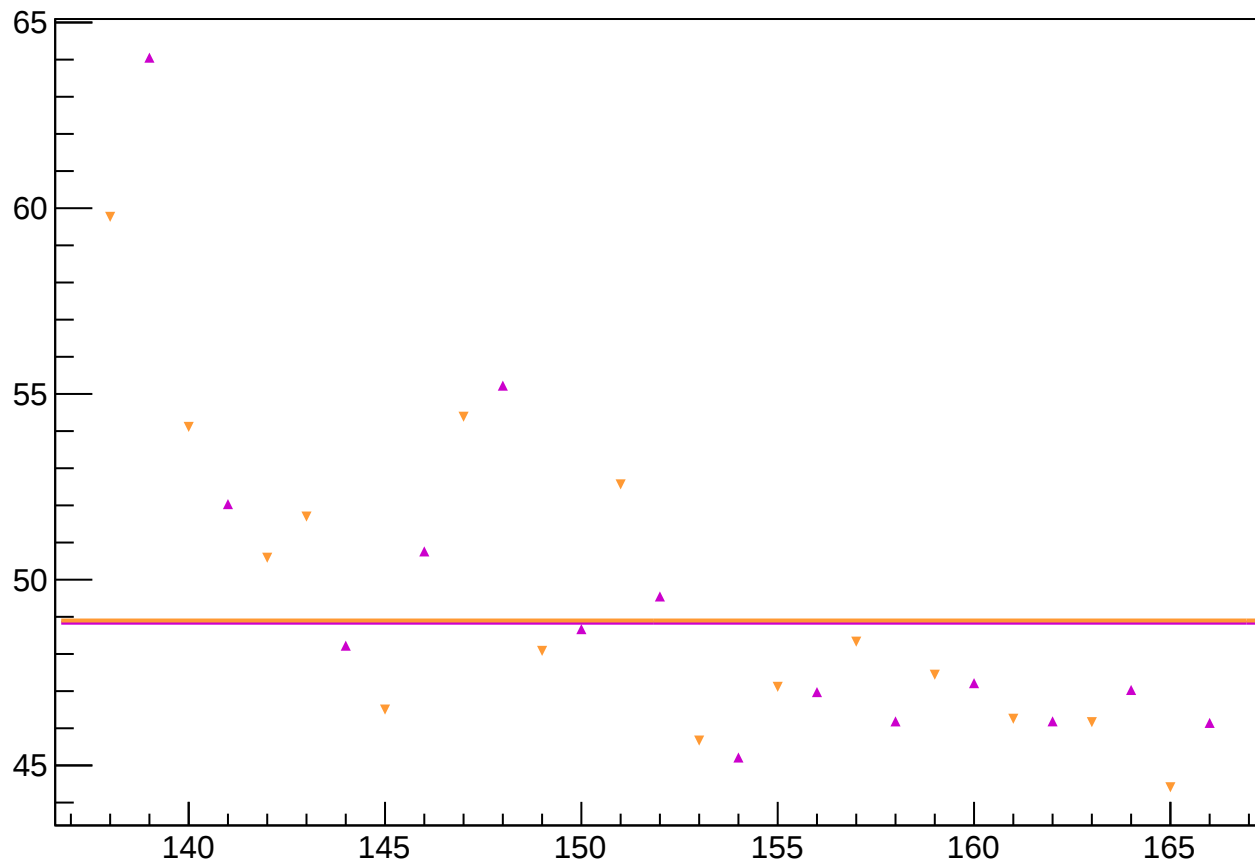
Left In: -54.905+/-14.899 χ^2/NDF : 12.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.740+/-10.474 χ^2/NDF : 50.2/28

- sign 0.000+/-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: 48.901+/-0.010 χ^2/NDF :129985.8/14

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

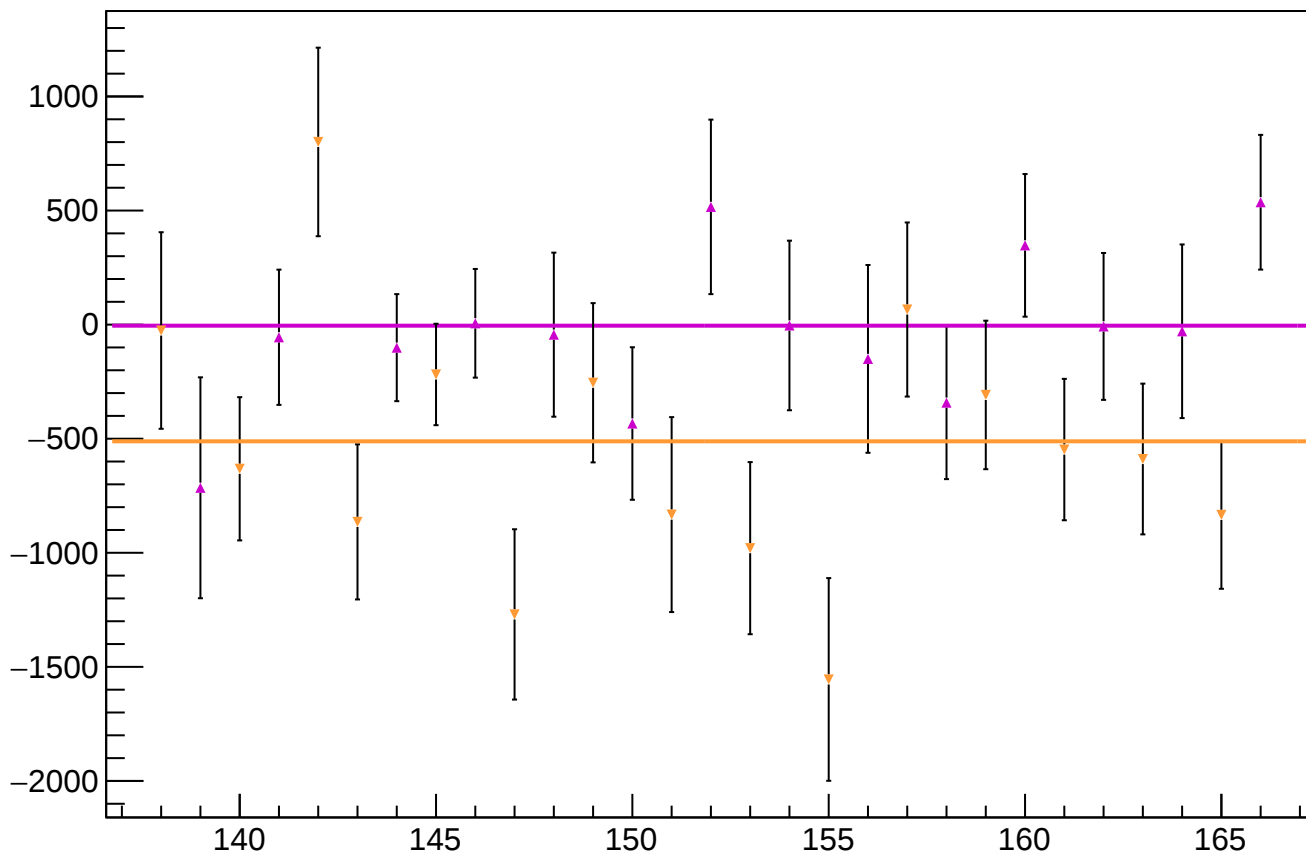
Left In: 48.842+/-0.011 χ^2/NDF :143360.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.872+/-0.007 χ^2/NDF : 273361.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -511.420 $\pm$ 88.162 χ^2 /NDF:30.4/14

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

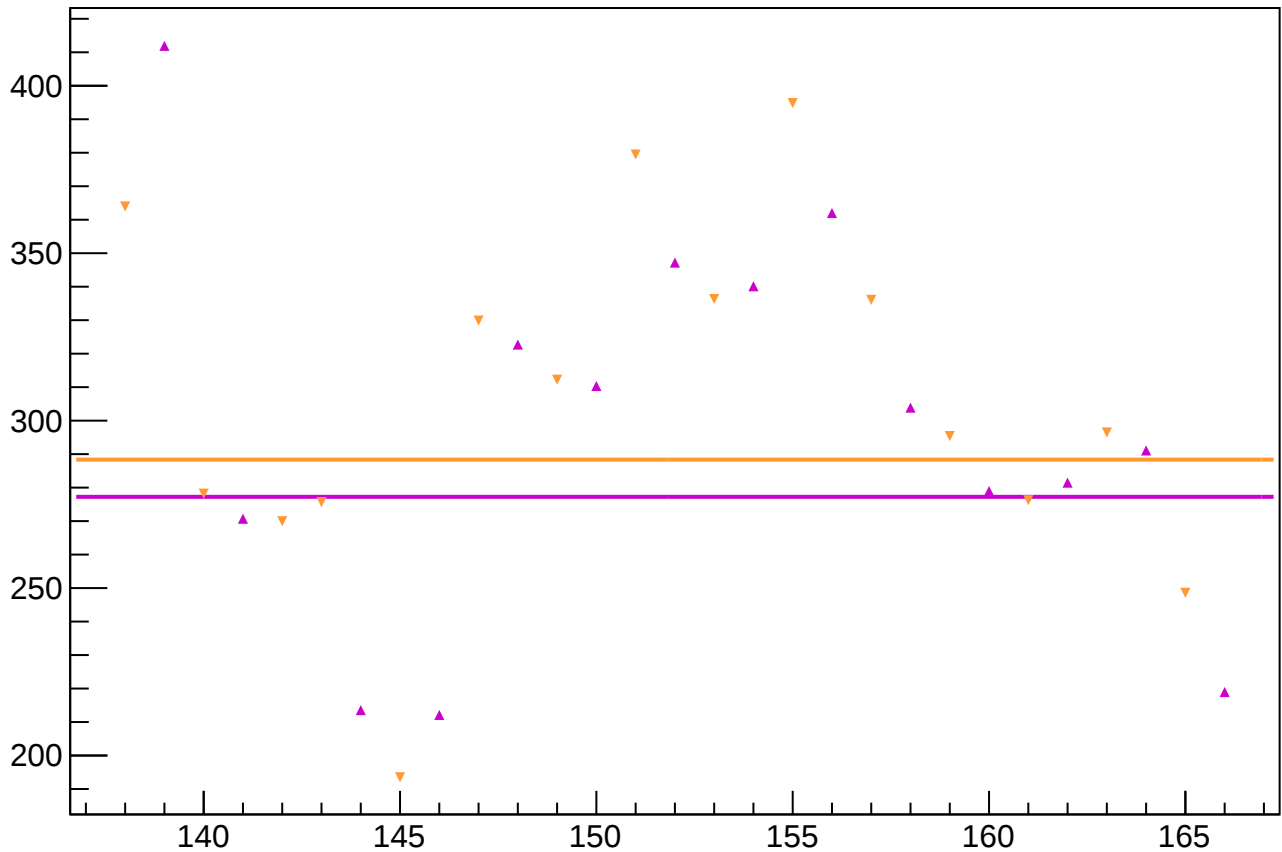
Left In: -4.606 $\pm$ 85.977 χ^2 /NDF:11.6/13

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

All: -251.656 $\pm$ 61.553 χ^2 /NDF: 58.9/28

- sign 0.000 $\pm$ 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: 288.359+/-0.062 χ^2/NDF : 773509.5/14

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

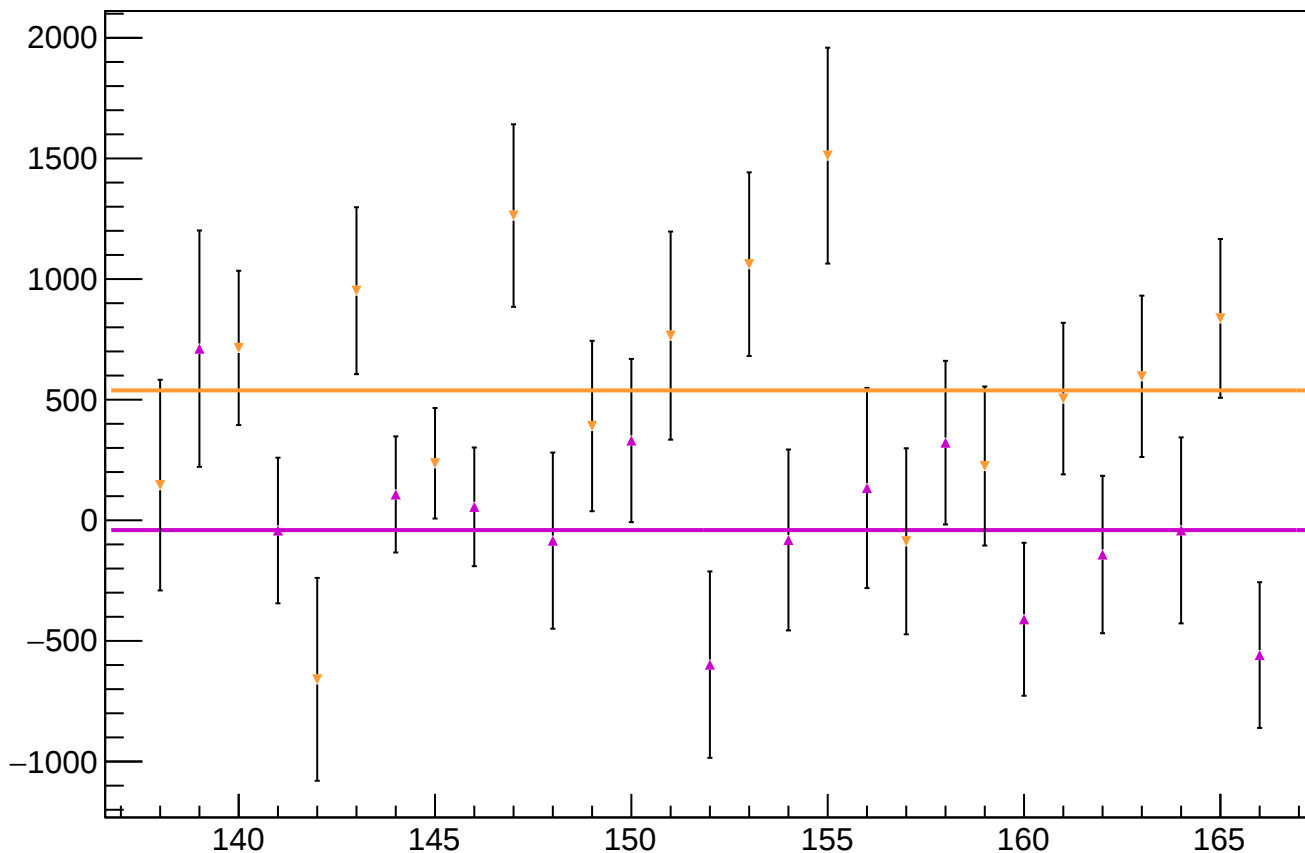
Left In: 277.250+/-0.061 χ^2/NDF : 806981.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.665+/-0.044 χ^2/NDF : 1596768.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 538.473+/-89.593 χ^2/NDF :27.5/14

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

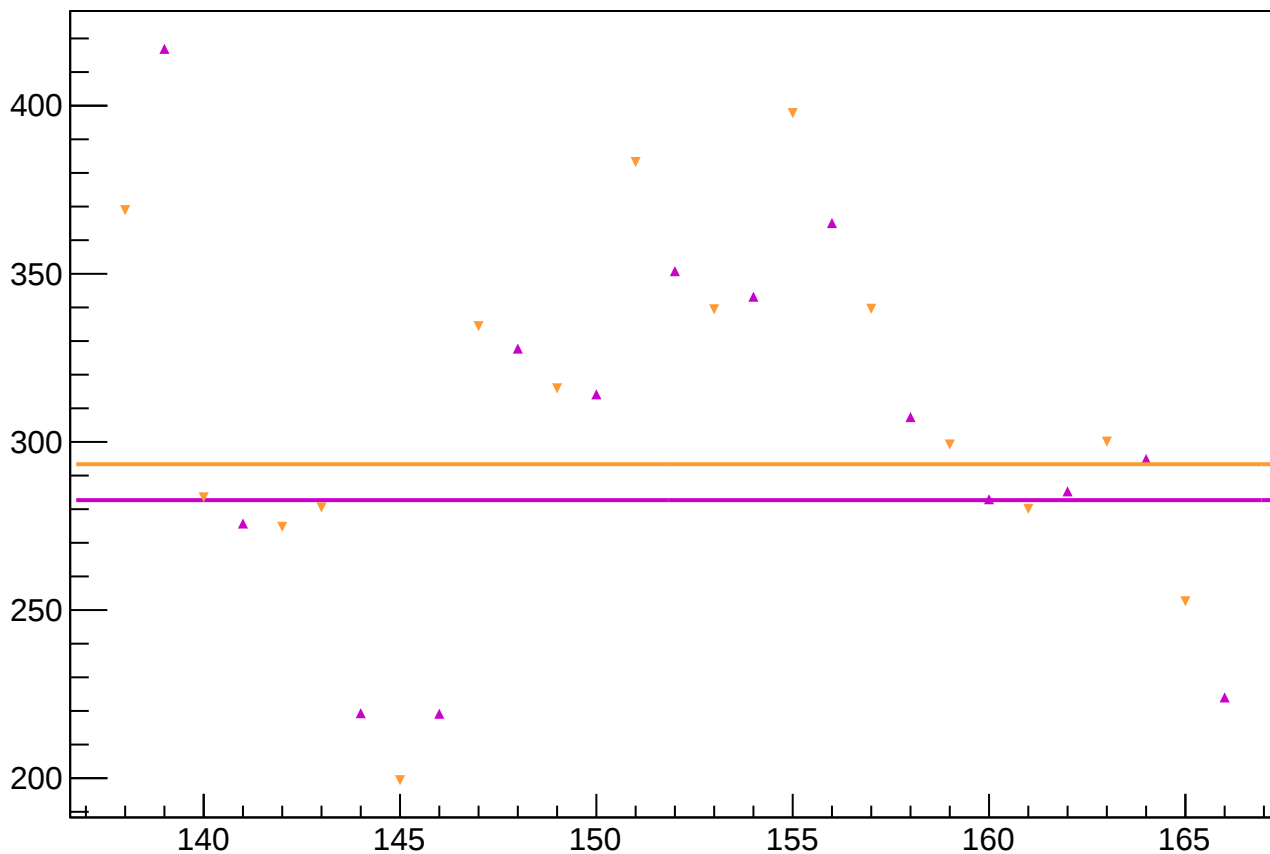
Left In: -40.647+/-87.539 χ^2/NDF :11.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.201+/-62.613 χ^2/NDF : 60.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug



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

Left Out: 293.376+/-0.063 χ^2/NDF : 726184.9/14

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

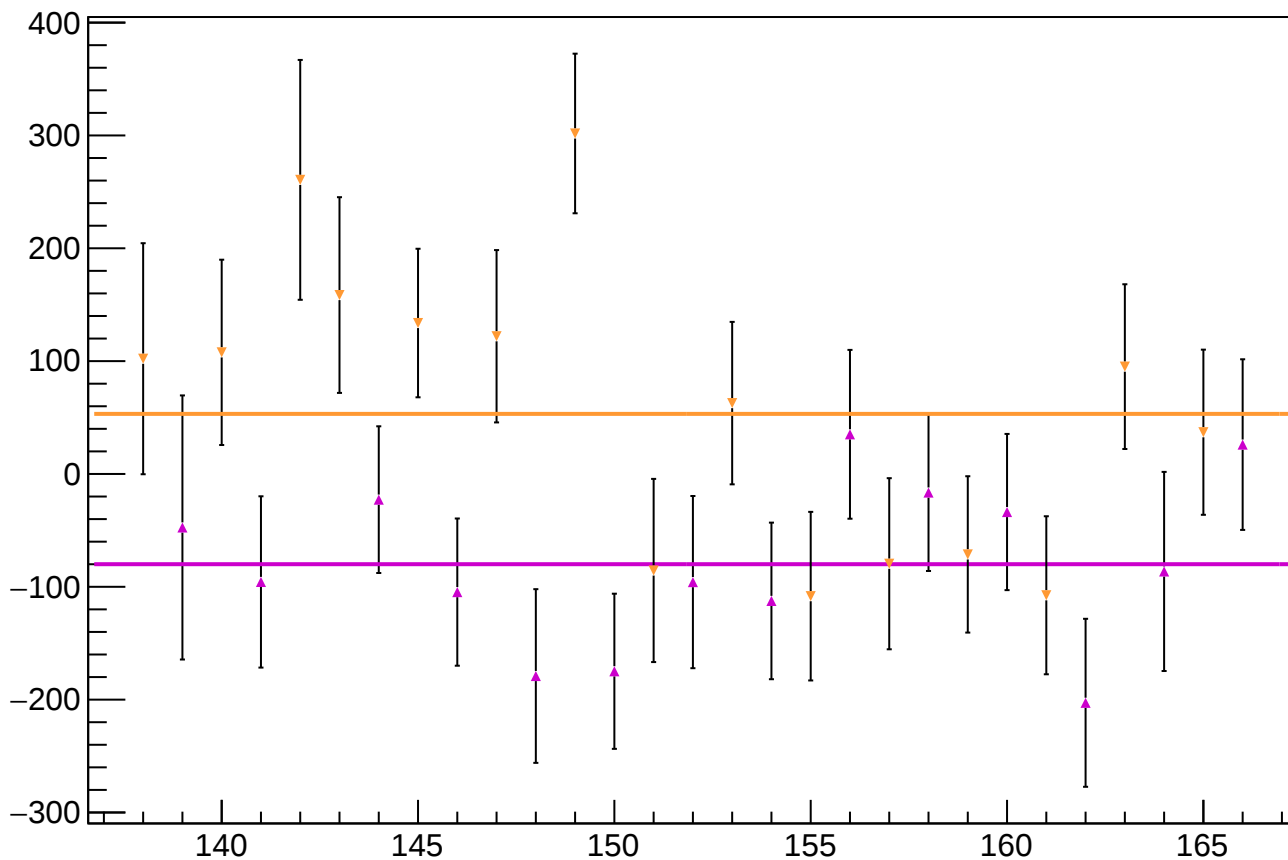
Left In: 282.691+/-0.062 χ^2/NDF : 752071.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.910+/-0.044 χ^2/NDF : 1492808.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



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

Left Out: 53.245+/-19.795 χ^2/NDF :40.2/14

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

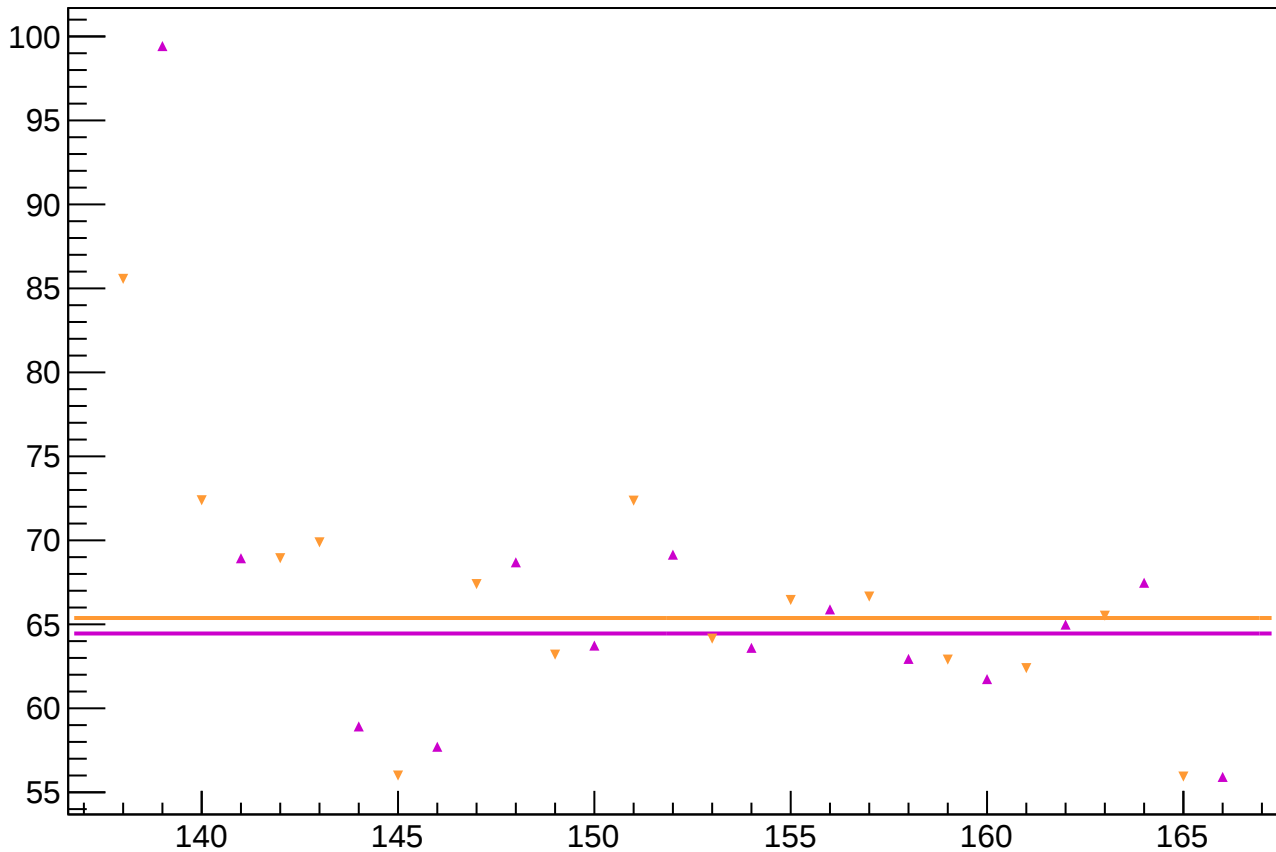
Left In: -79.965+/-19.778 χ^2/NDF :13.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.417+/-13.991 χ^2/NDF : 76.0/28

- sign 0.000+/-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: 65.377+/-0.014 χ^2/NDF :199759.5/14

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

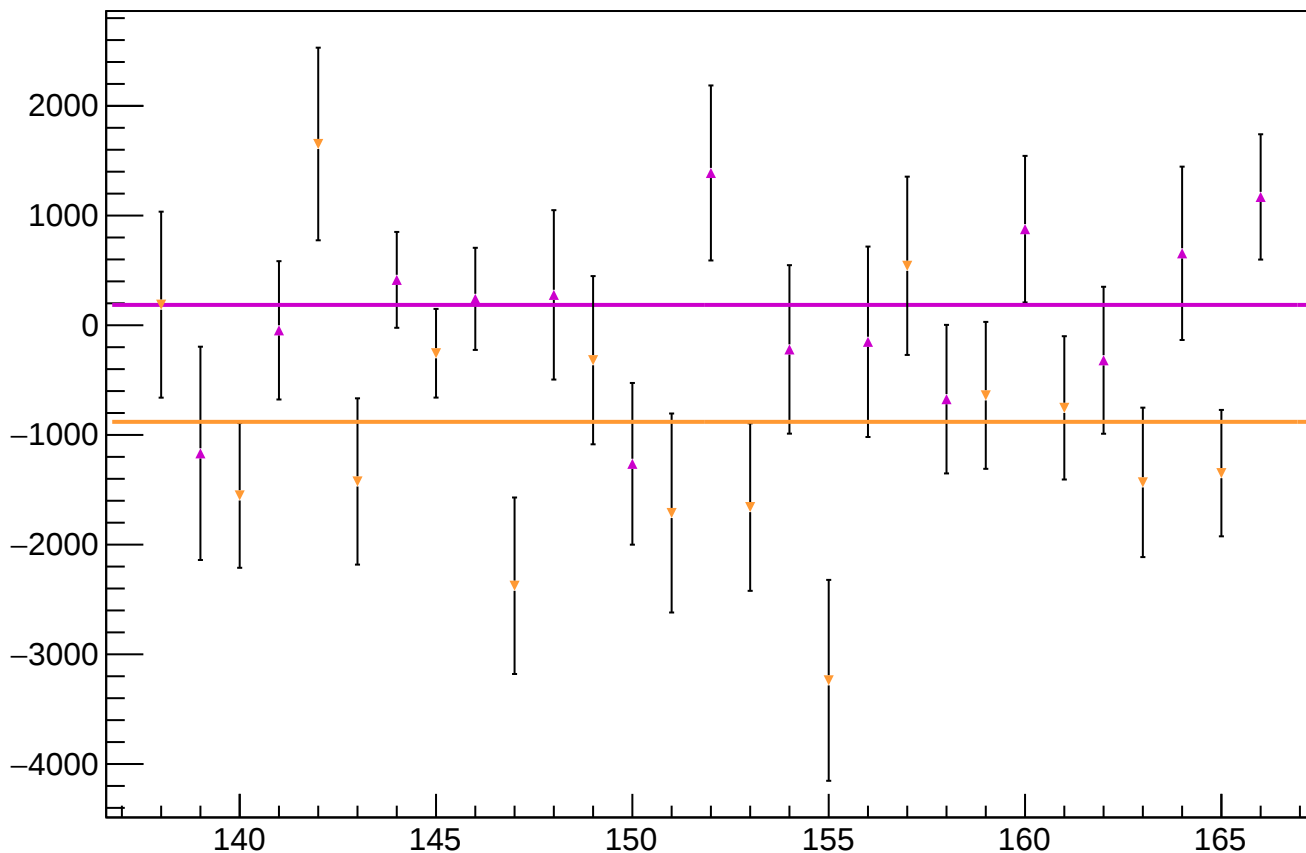
Left In: 64.454+/-0.014 χ^2/NDF :268313.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.915+/-0.010 χ^2/NDF : 470247.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -880.572+/-178.265 χ^2/NDF :30.9/14

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

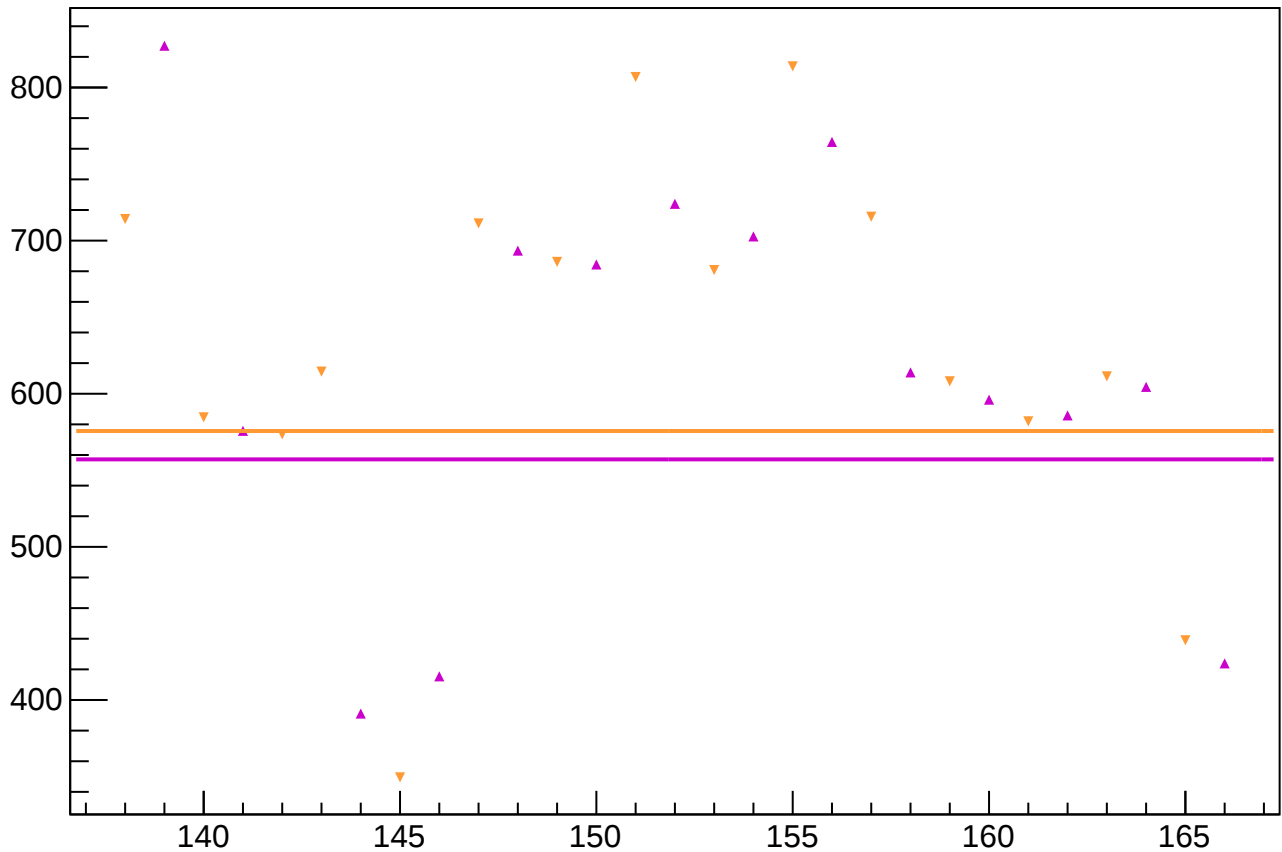
Left In: 185.452+/-174.472 χ^2/NDF :15.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.099+/-124.690 χ^2/NDF : 64.7/28

- sign 0.000+/-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: 575.664+/-0.126 χ^2/NDF :1268855.7/14

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

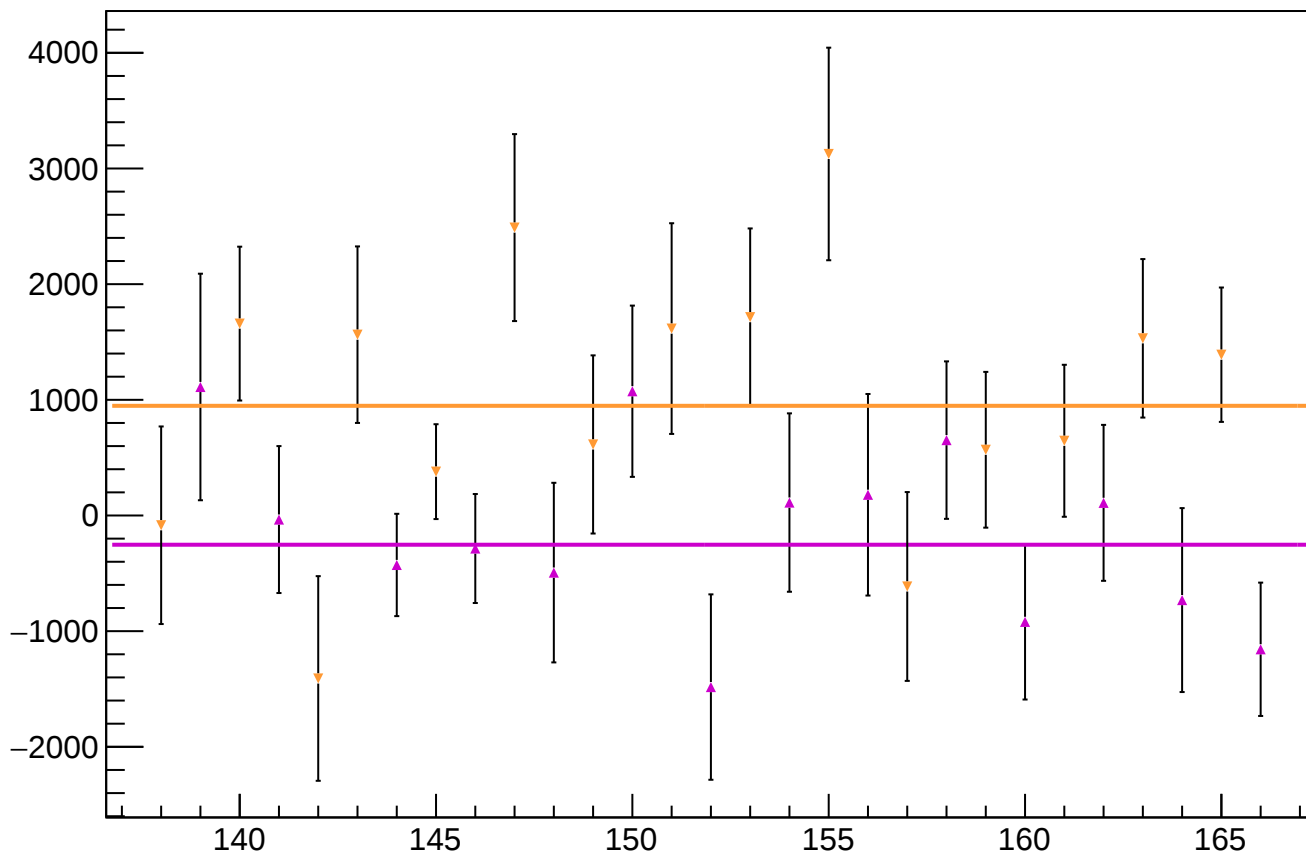
Left In: 557.133+/-0.123 χ^2/NDF :1166034.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.199+/-0.088 χ^2/NDF : 2445928.1/28

- 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: 948.276 $\pm$ 179.611 χ^2 /NDF:28.7/14

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

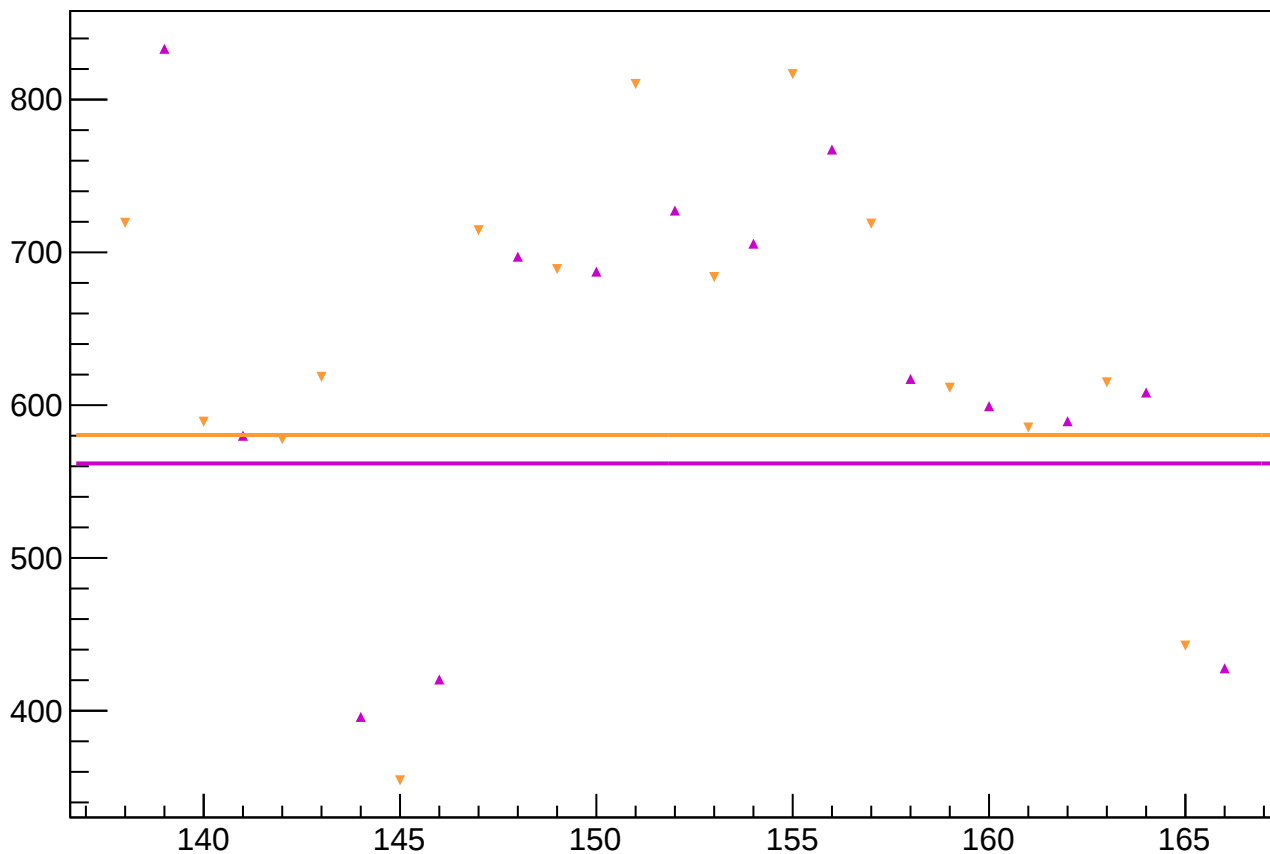
Left In: -252.781 $\pm$ 175.832 χ^2 /NDF:14.2/13

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

All: 334.978 $\pm$ 125.647 χ^2 /NDF: 65.8/28

- 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: 580.459+/-0.127 χ^2/NDF :1235787.2/14

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

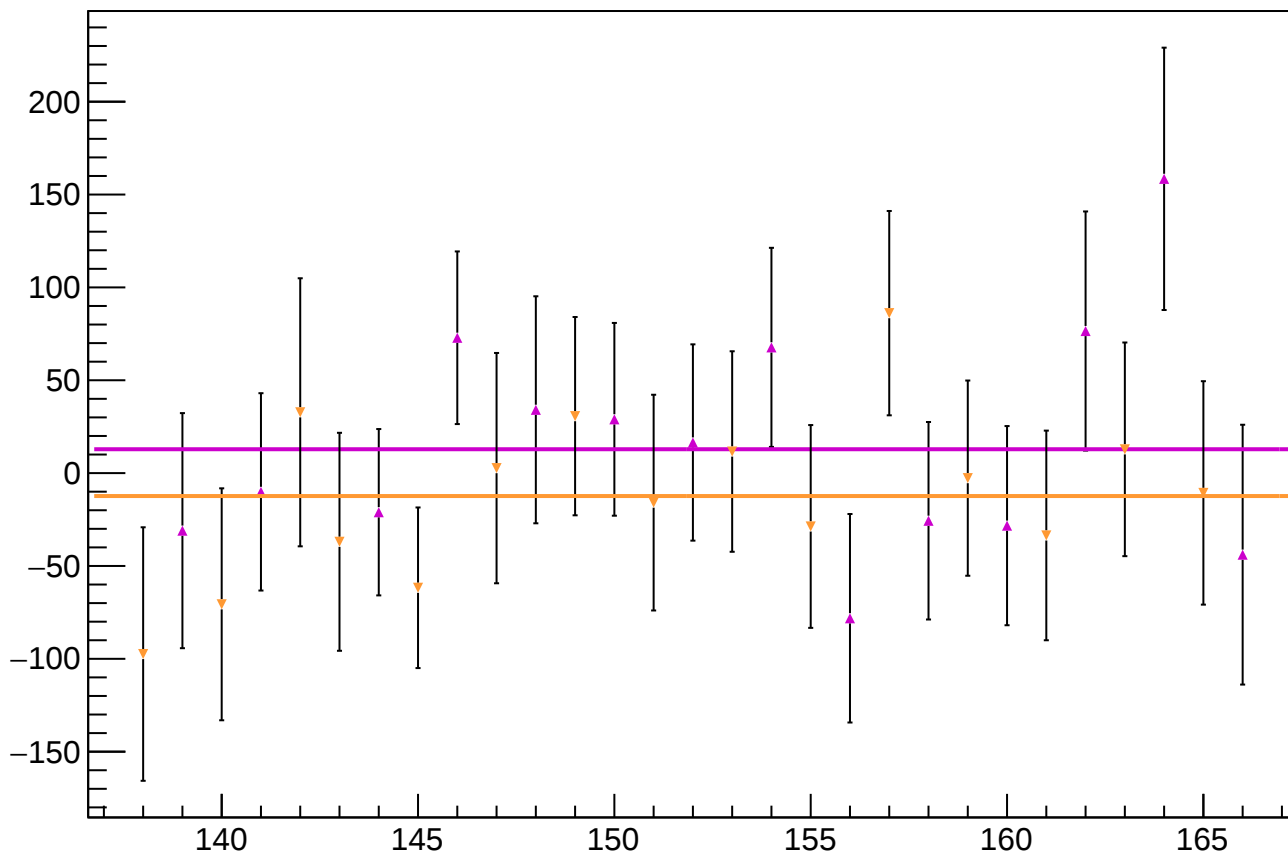
Left In: 561.863+/-0.124 χ^2/NDF :1138964.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.963+/-0.089 χ^2/NDF : 2385699.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -12.348+/-14.651 χ^2/NDF : 8.9/14

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

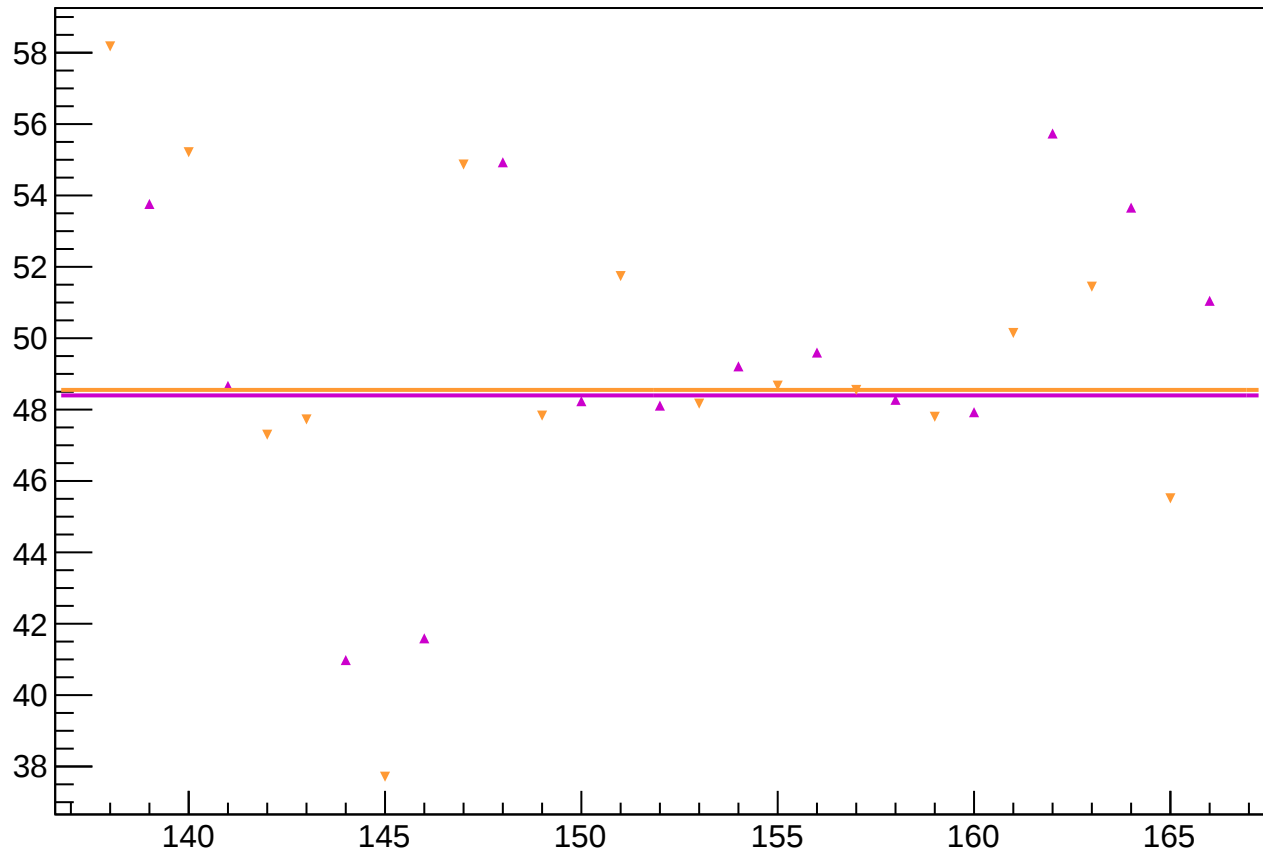
Left In: 12.856+/-14.784 χ^2/NDF : 13.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.140+/-10.407 χ^2/NDF : 24.1/28

- sign 0.000+/-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: 48.552+/-0.010 χ^2/NDF : 228567.4/14

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

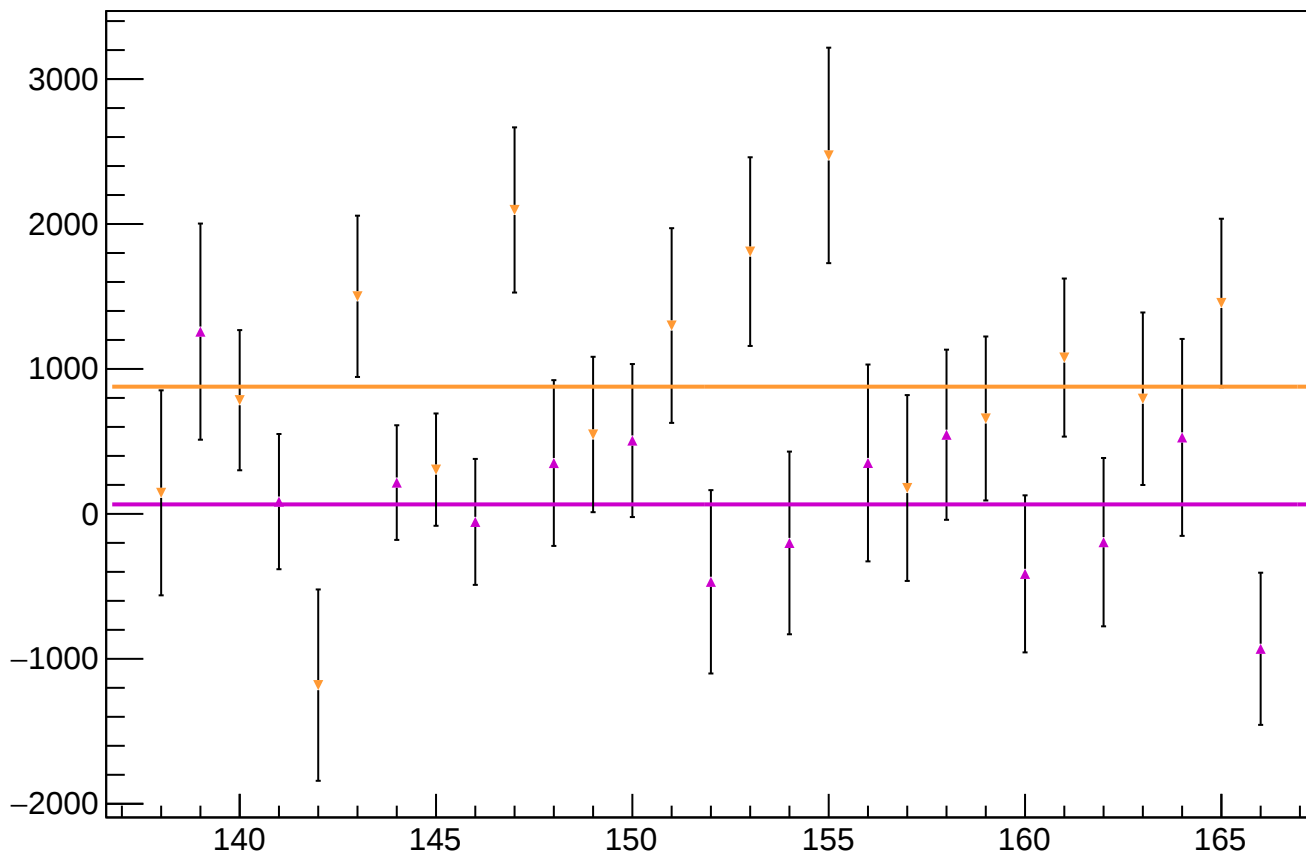
Left In: 48.397+/-0.010 χ^2/NDF : 176544.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.475+/-0.007 χ^2/NDF : 405221.7/28

- 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: 877.766 $\pm$ 147.257 χ^2/NDF : 28.8/14

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

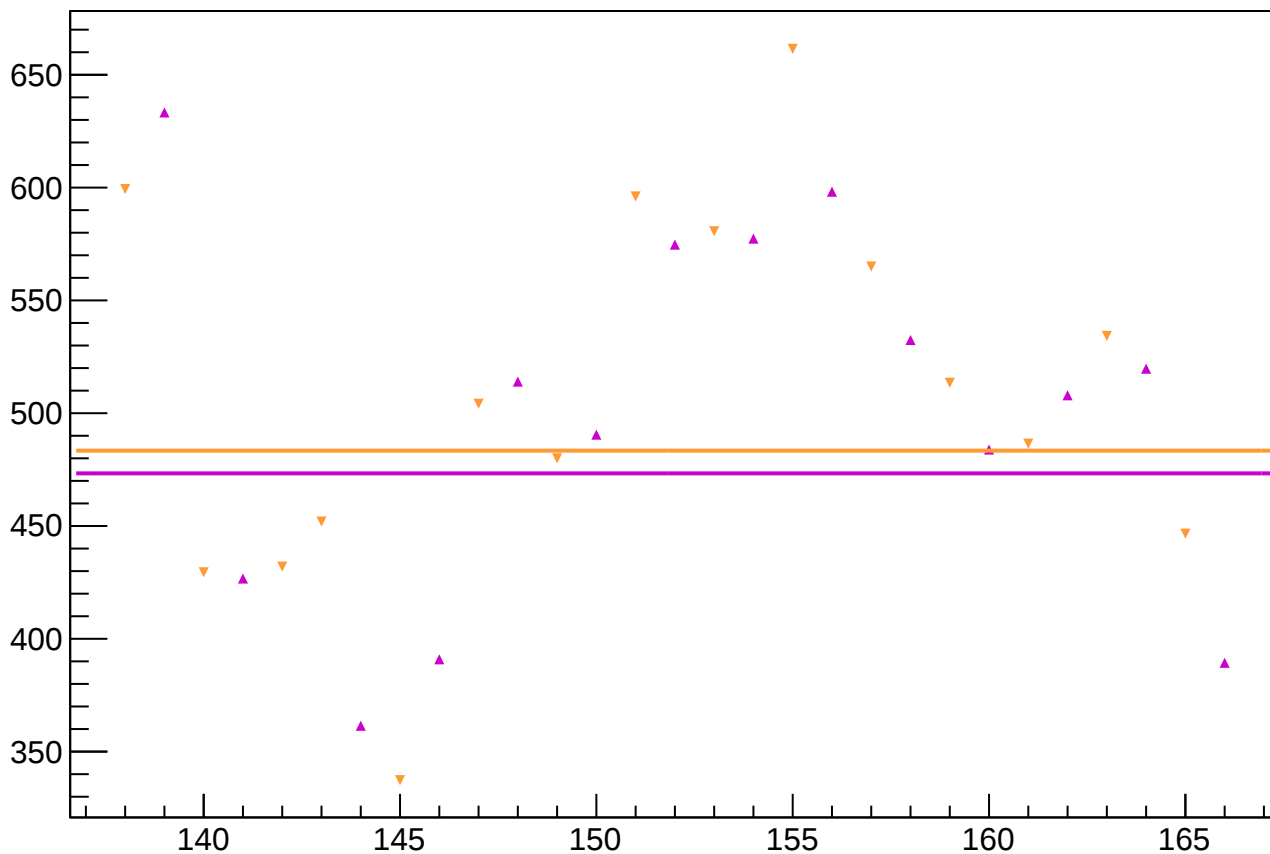
Left In: 65.519 $\pm$ 145.884 χ^2/NDF : 10.5/13

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

All: 467.839 $\pm$ 103.638 χ^2/NDF : 54.6/28

- 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: 483.407+/-0.104 χ^2/NDF : 660642.0/14

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

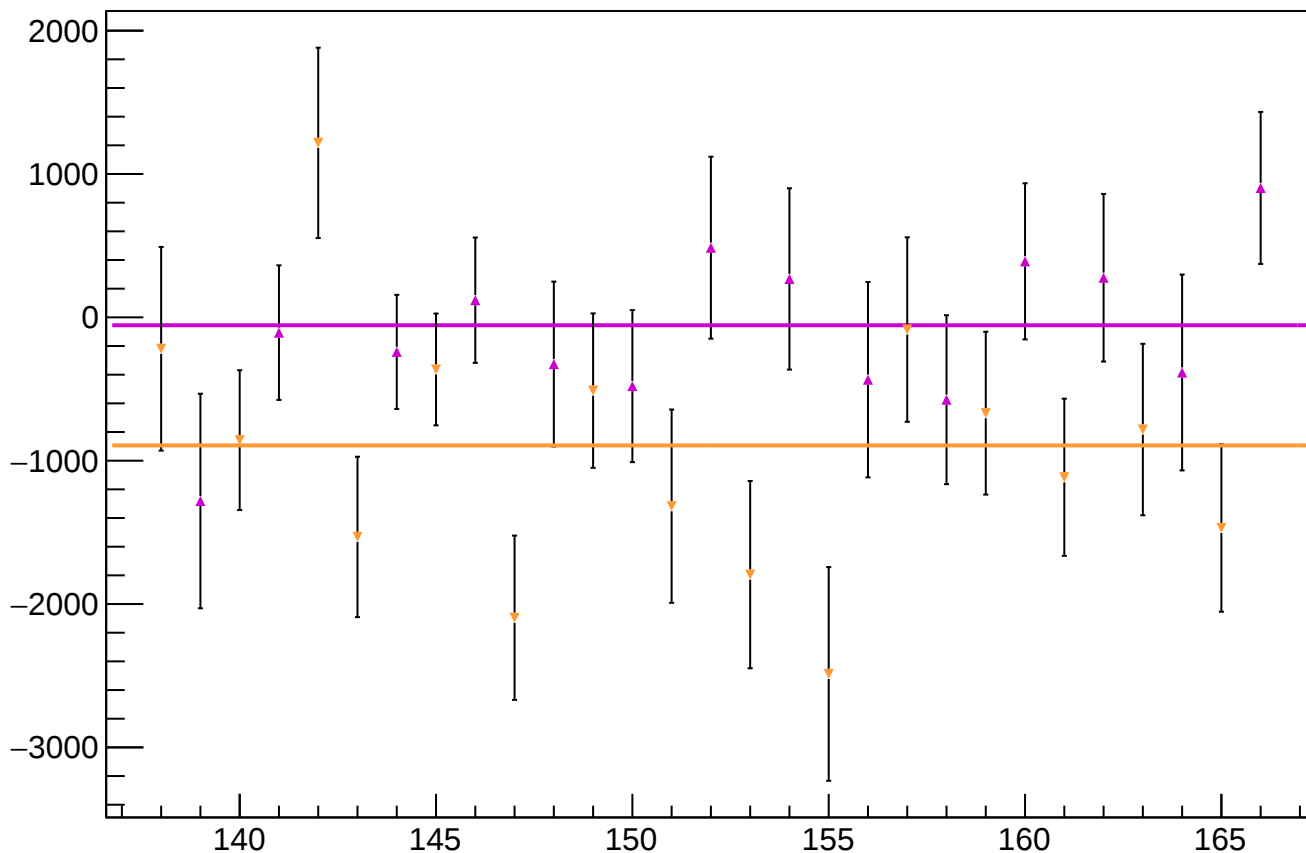
Left In: 473.335+/-0.103 χ^2/NDF : 618468.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.324+/-0.073 χ^2/NDF : 1283832.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -893.396+/-148.059 χ^2/NDF : 28.8/14

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

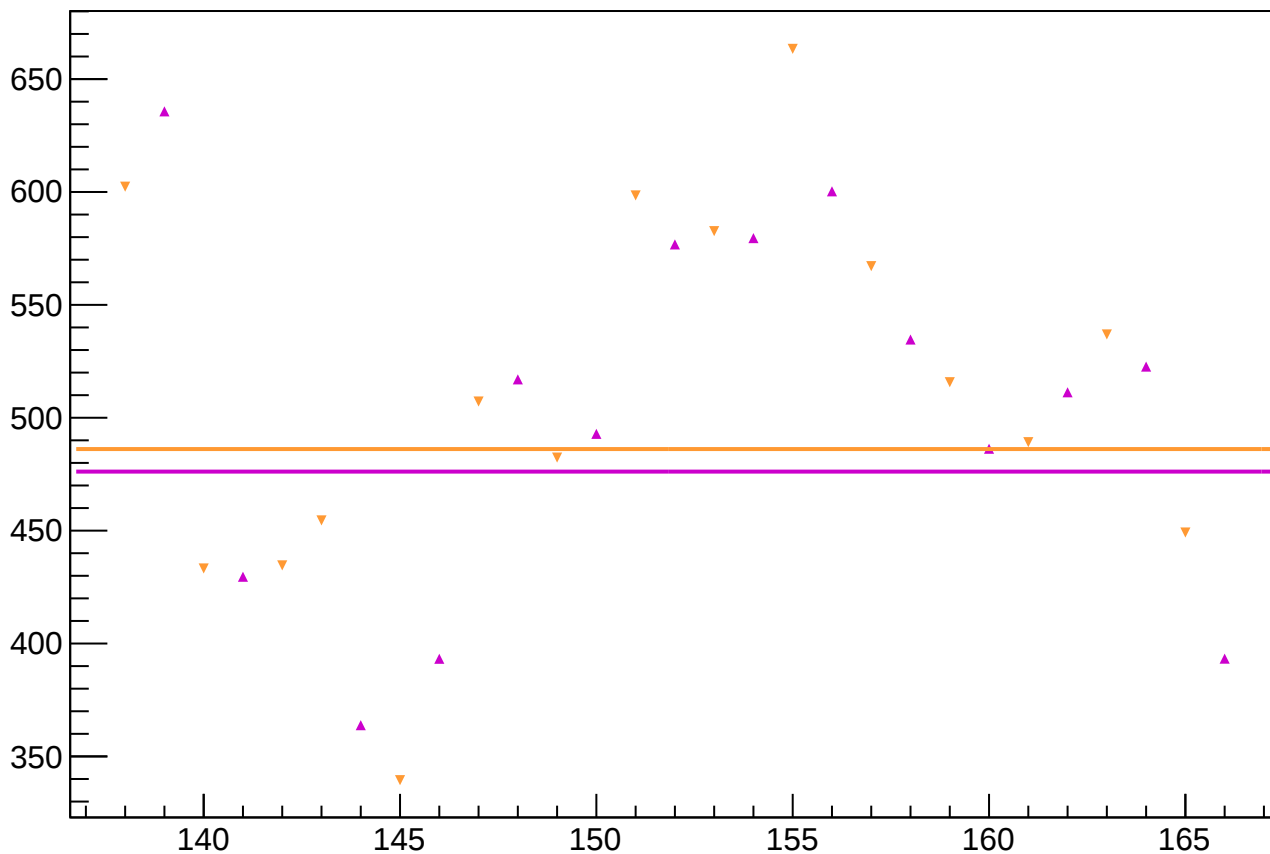
Left In: -55.053+/-146.718 χ^2/NDF : 10.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -470.412+/-104.216 χ^2/NDF : 55.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 486.137+/-0.105 χ^2/NDF : 653057.8/14

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

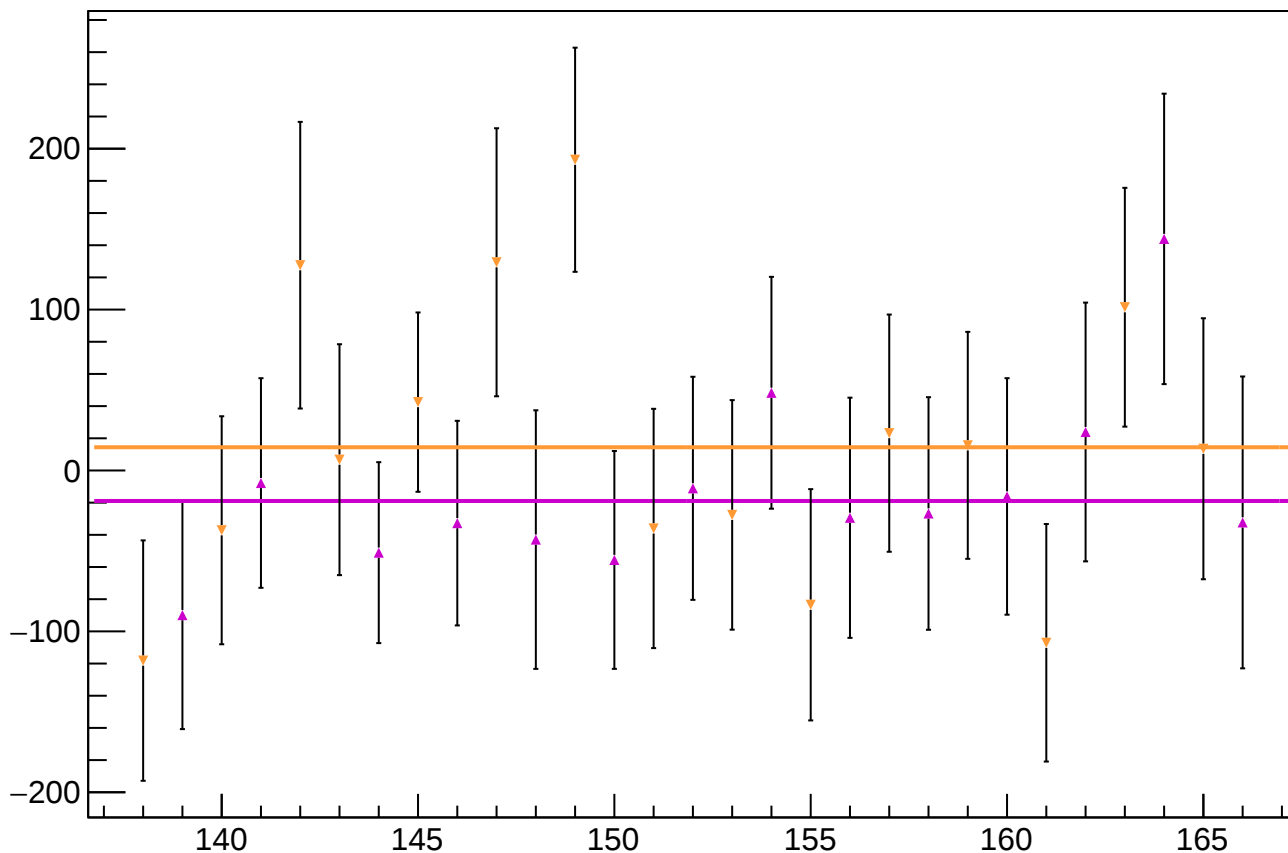
Left In: 476.150+/-0.104 χ^2/NDF : 609634.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.098+/-0.074 χ^2/NDF : 1267283.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 14.441+/-18.752 χ^2/NDF : 20.8/14

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

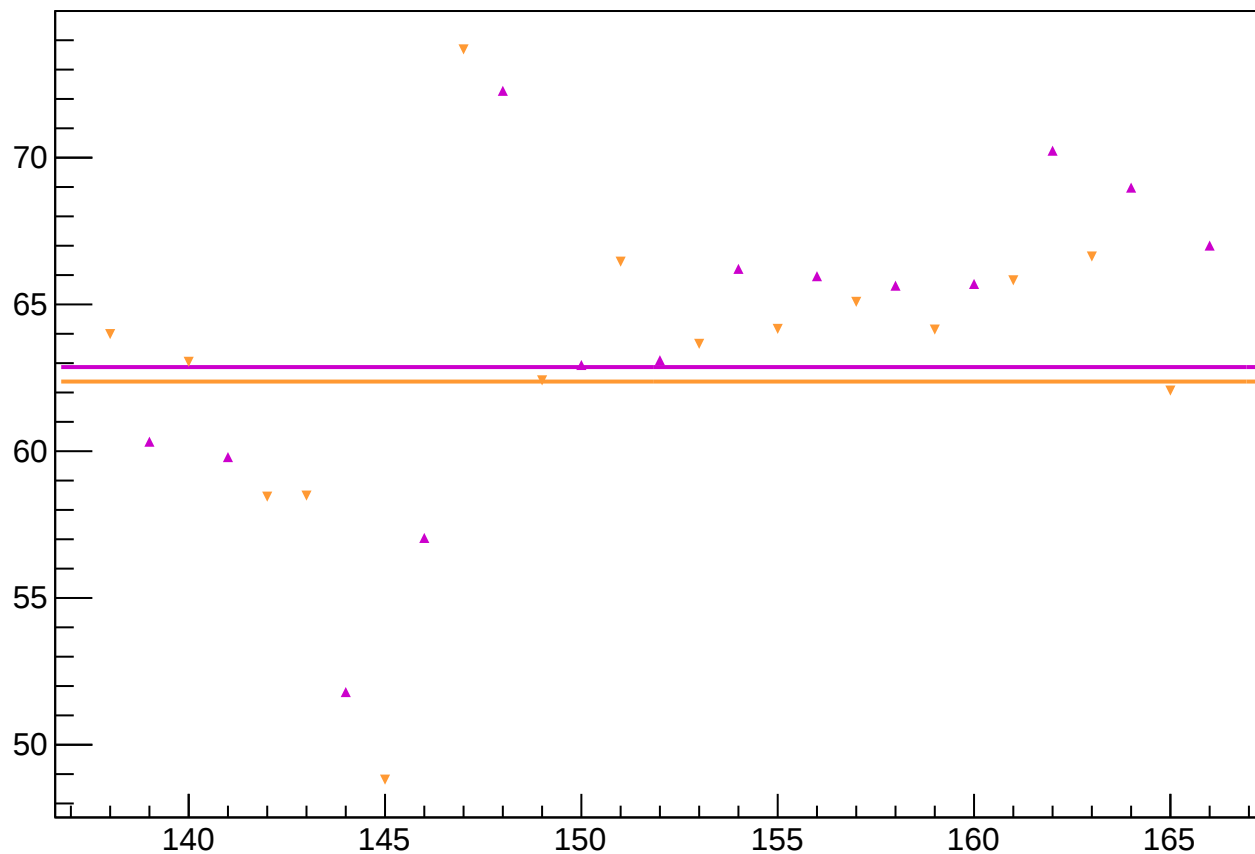
Left In: -18.960+/-19.149 χ^2/NDF : 6.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.910+/-13.398 χ^2/NDF : 28.6/28

- sign 0.000+/-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: 62.373+/-0.013 χ^2/NDF :189090.4/14

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

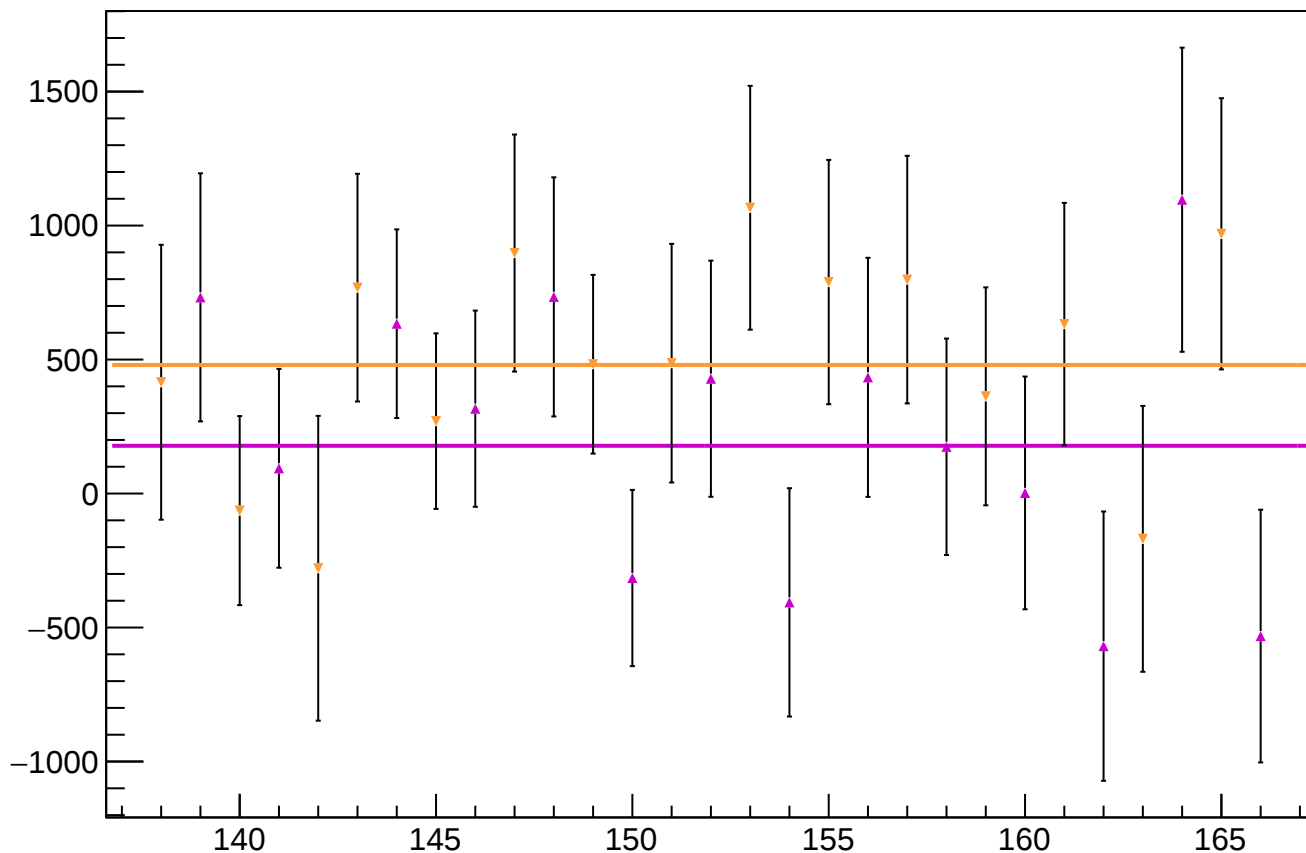
Left In: 62.866+/-0.014 χ^2/NDF :172559.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.614+/-0.009 χ^2/NDF : 362326.9/28

- 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: 479.869+/-110.321 χ^2/NDF : 11.4/14

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

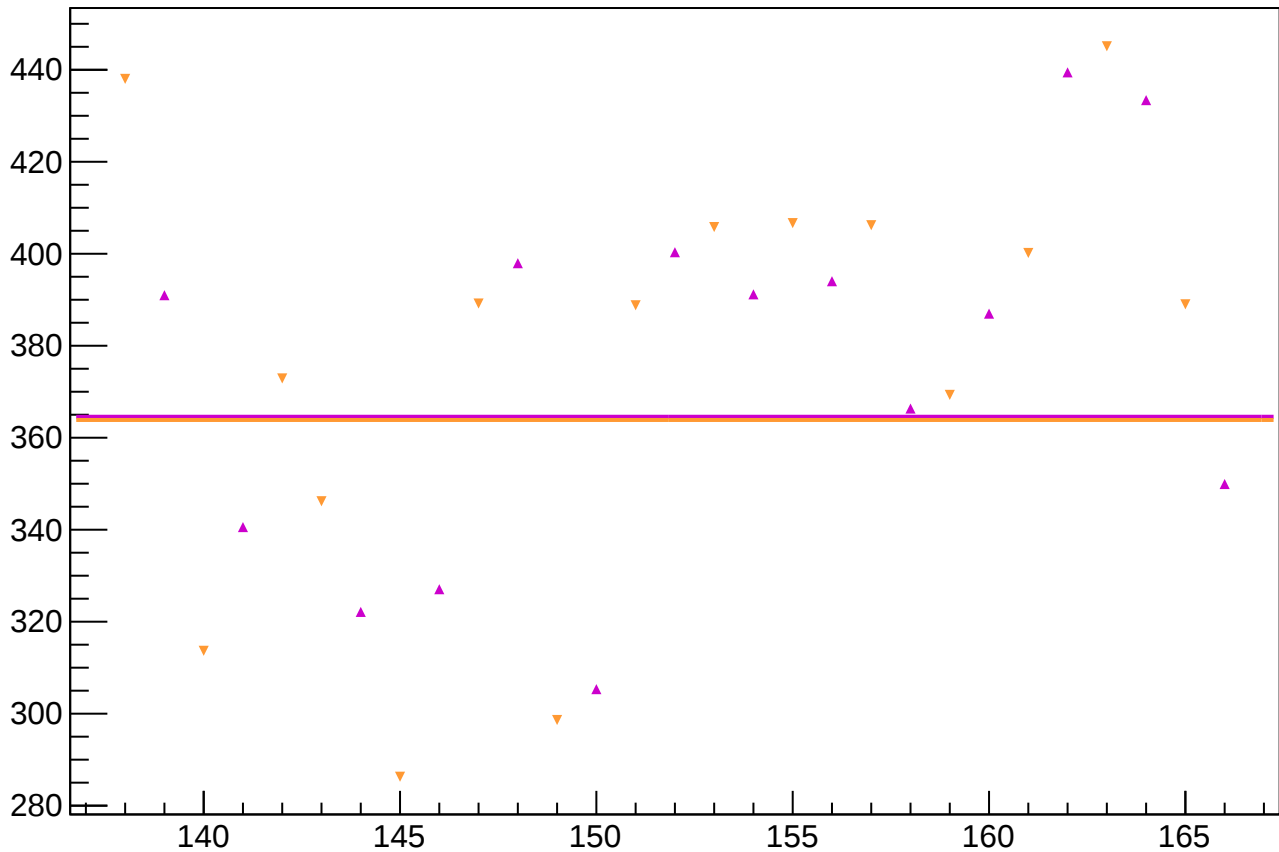
Left In: 178.246+/-111.510 χ^2/NDF : 16.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.674+/-78.426 χ^2/NDF : 32.0/28

- 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: 363.861+/-0.078 χ^2/NDF : 411060.0/14

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

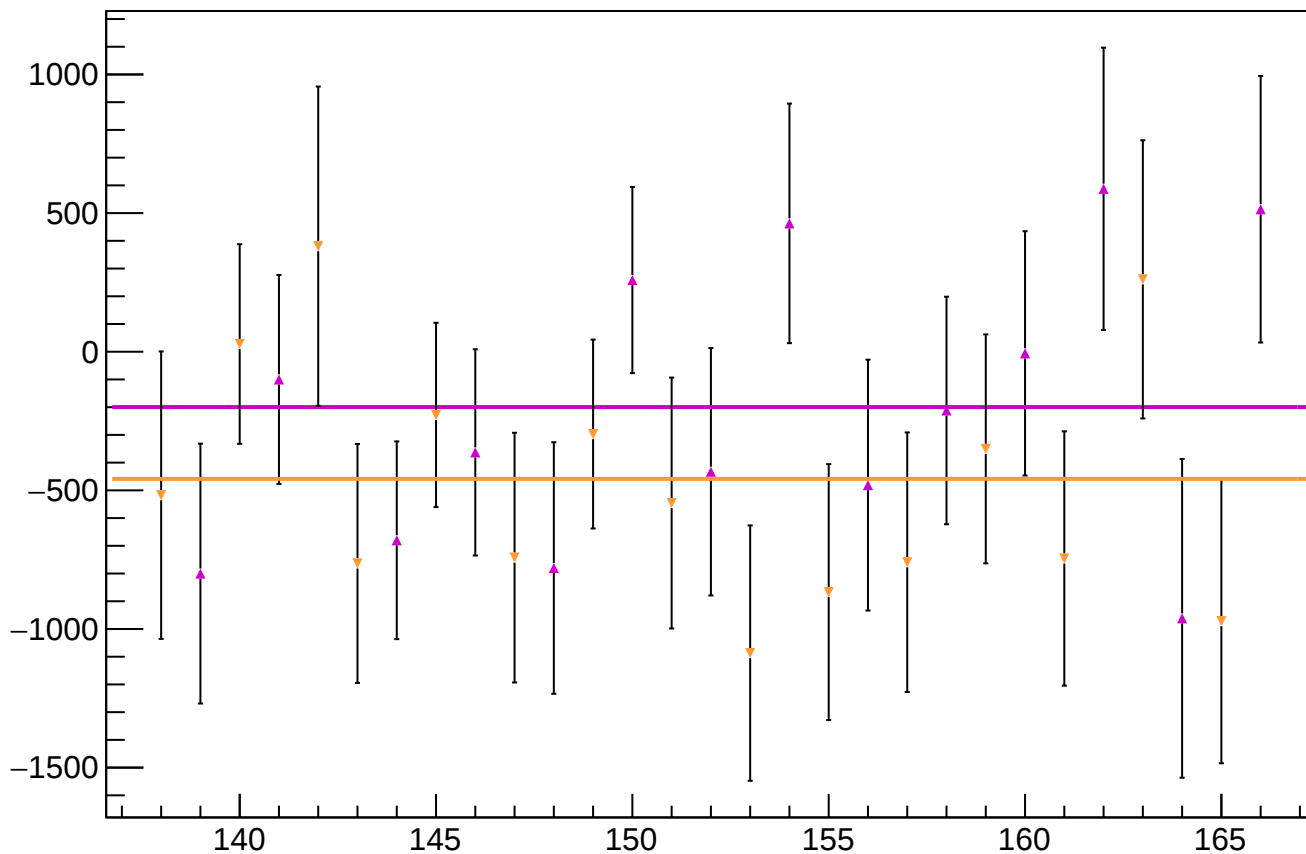
Left In: 364.561+/-0.079 χ^2/NDF : 251909.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.207+/-0.055 χ^2/NDF : 663009.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -458.536+/-112.020 χ^2/NDF : 12.2/14

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

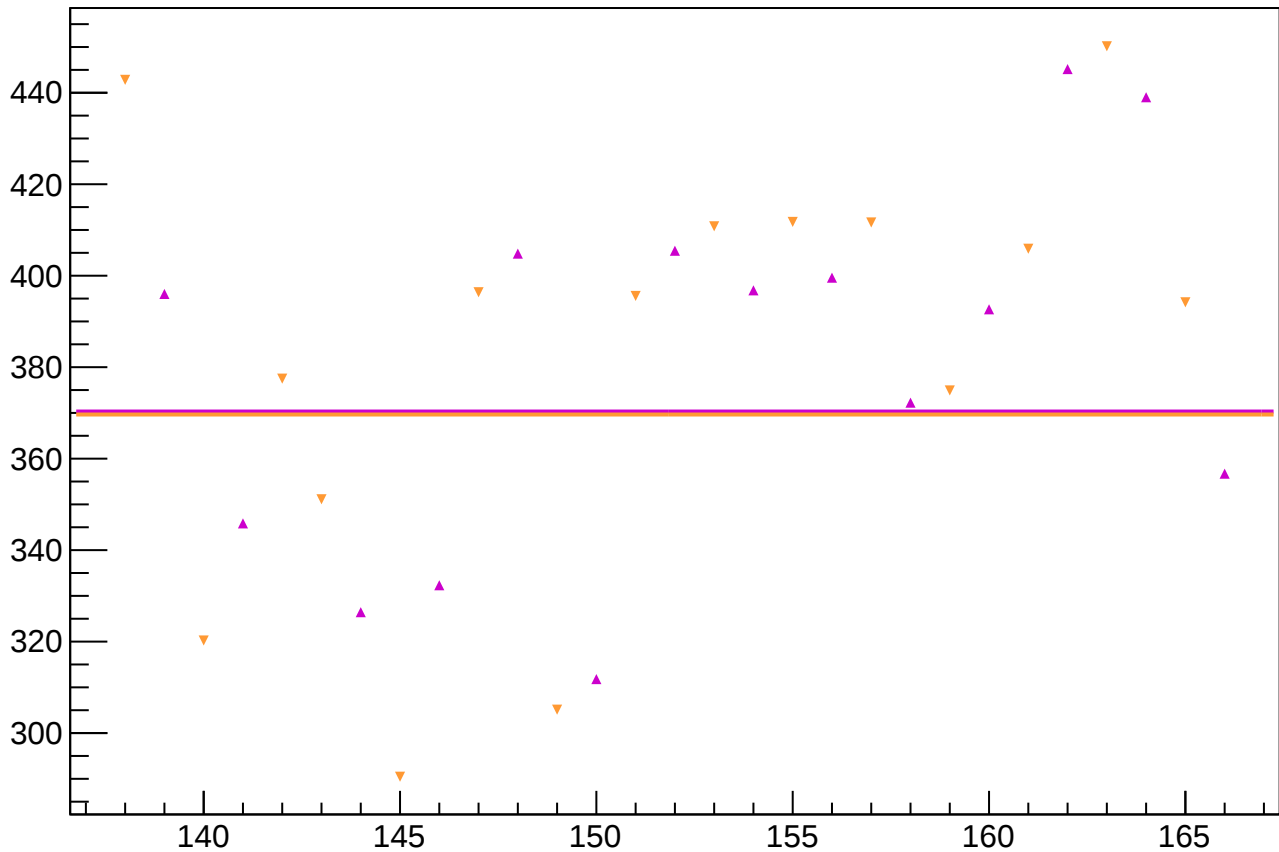
Left In: -199.604+/-113.231 χ^2/NDF : 16.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -330.462+/-79.635 χ^2/NDF : 31.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 369.652+/-0.079 χ^2/NDF : 398120.0/14

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

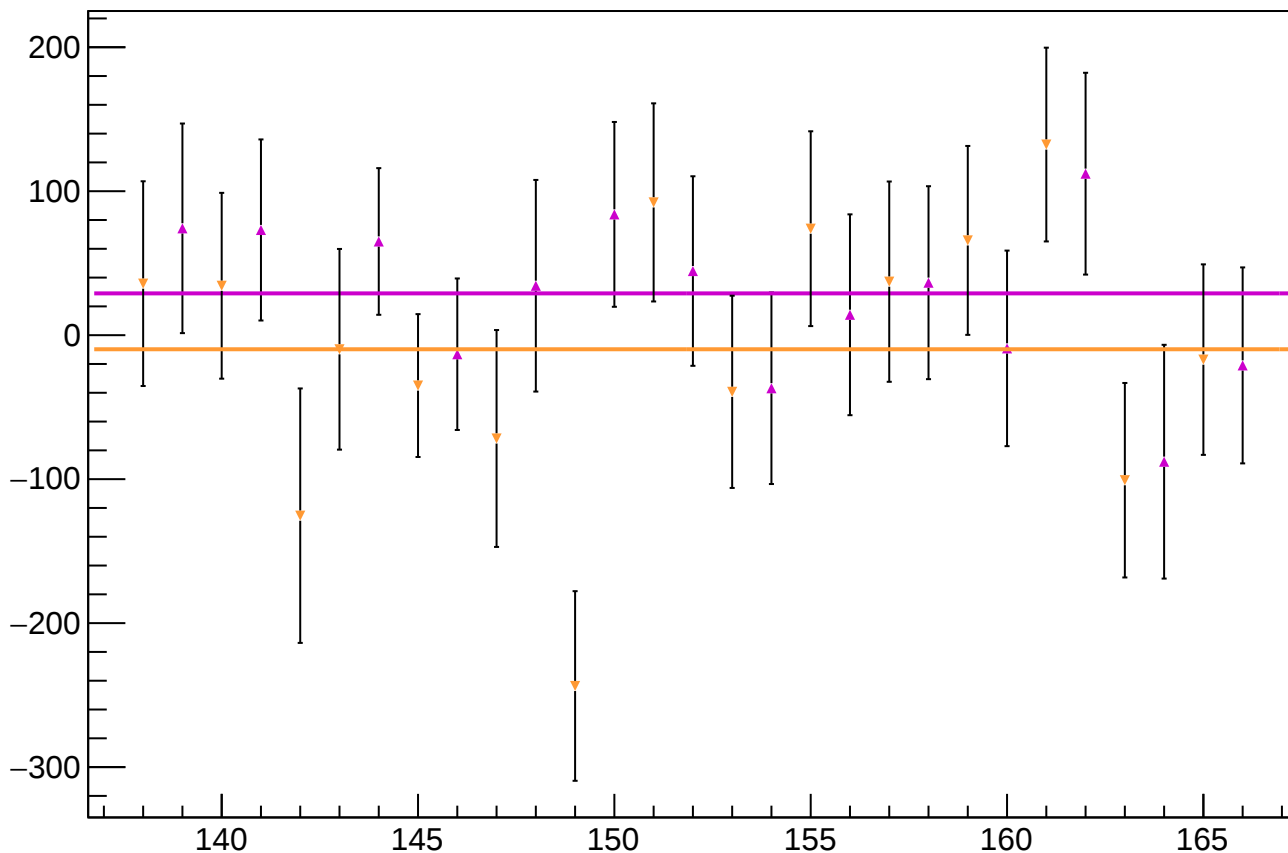
Left In: 370.305+/-0.080 χ^2/NDF : 244869.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.975+/-0.056 χ^2/NDF : 643022.8/28

- 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: -9.777 $\pm$ 17.287 χ^2 /NDF: 28.1/14

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

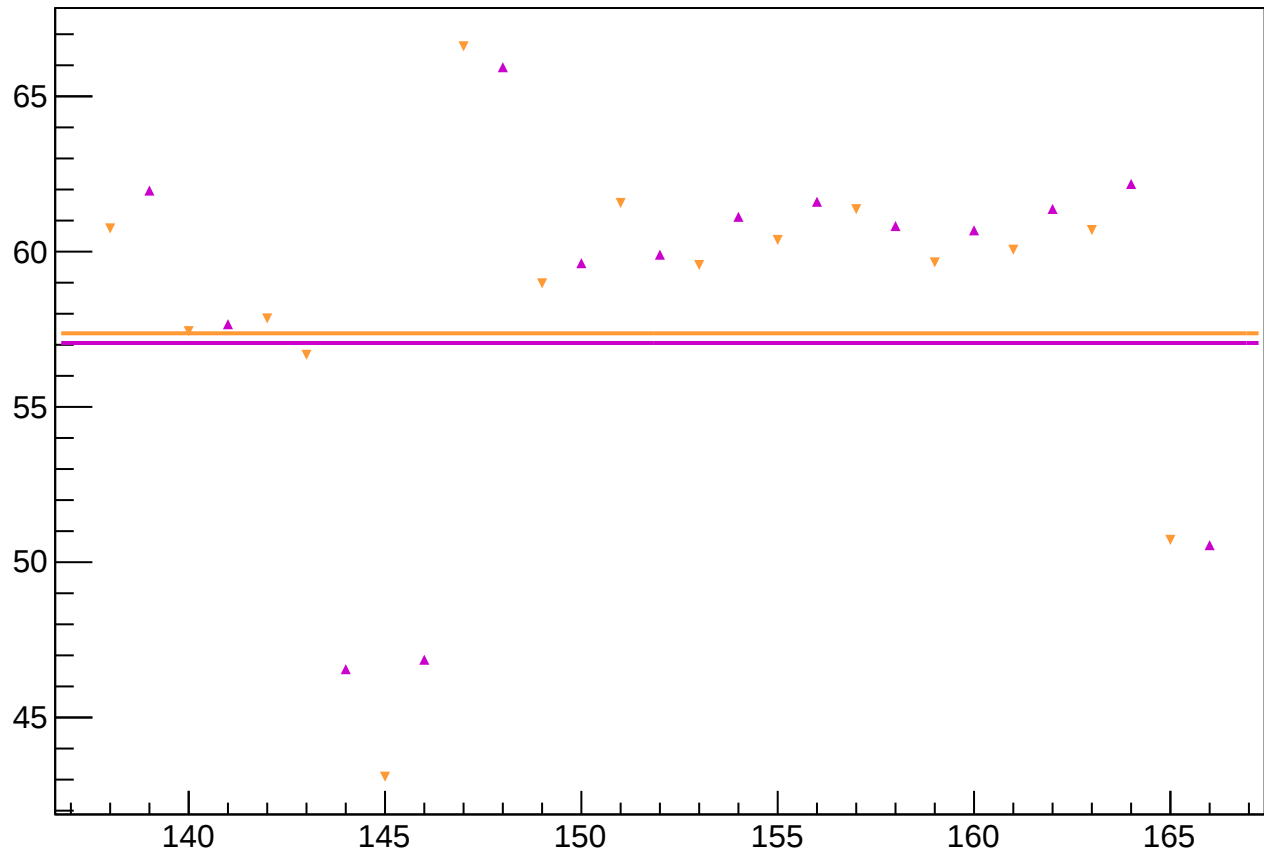
Left In: 29.036 $\pm$ 17.437 χ^2 /NDF: 8.2/13

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

All: 9.462 $\pm$ 12.276 χ^2 /NDF: 38.8/28

- 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: 57.370+/-0.012 χ^2/NDF : 252474.5/14

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

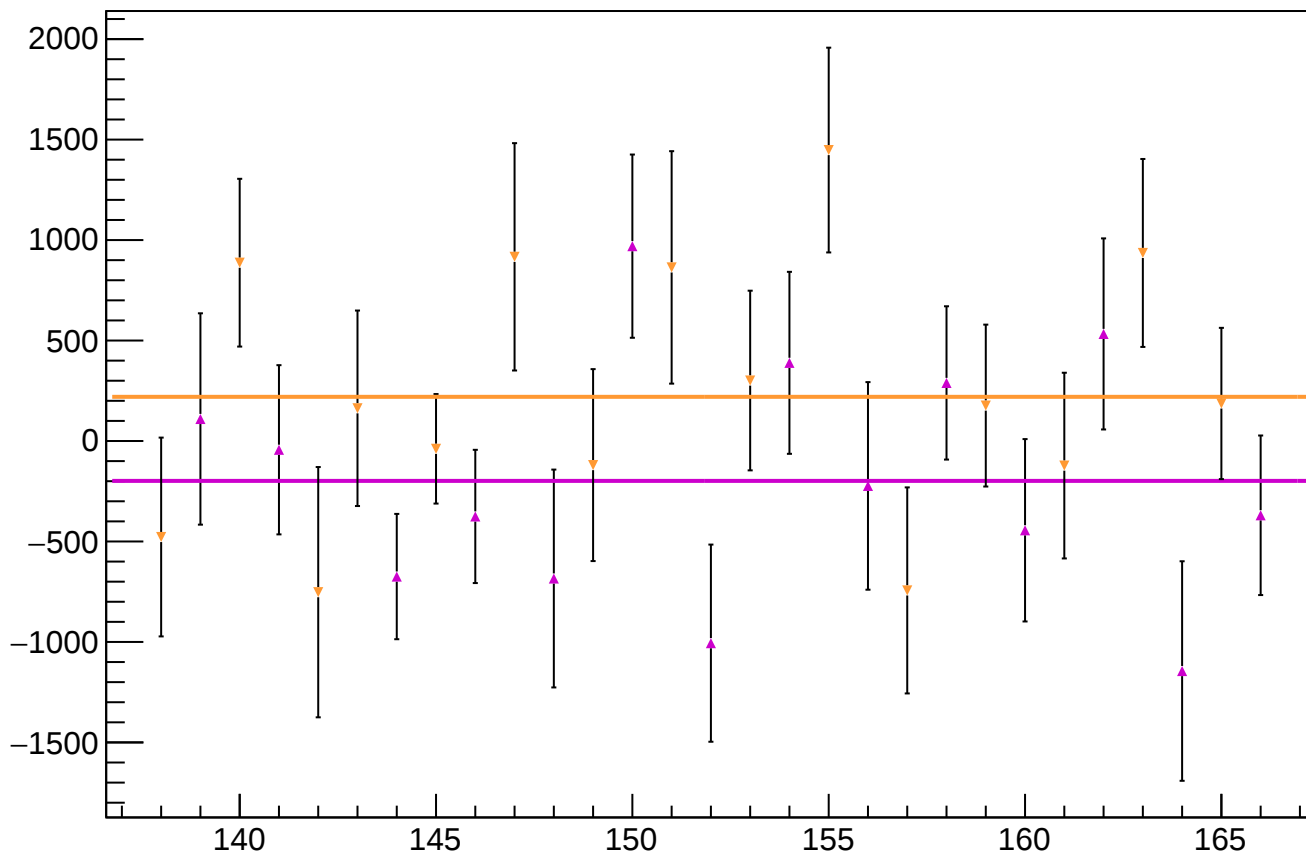
Left In: 57.059+/-0.012 χ^2/NDF : 267406.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.216+/-0.009 χ^2/NDF : 520203.3/28

- 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: 219.882+/-114.913 χ^2/NDF : 23.4/14

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

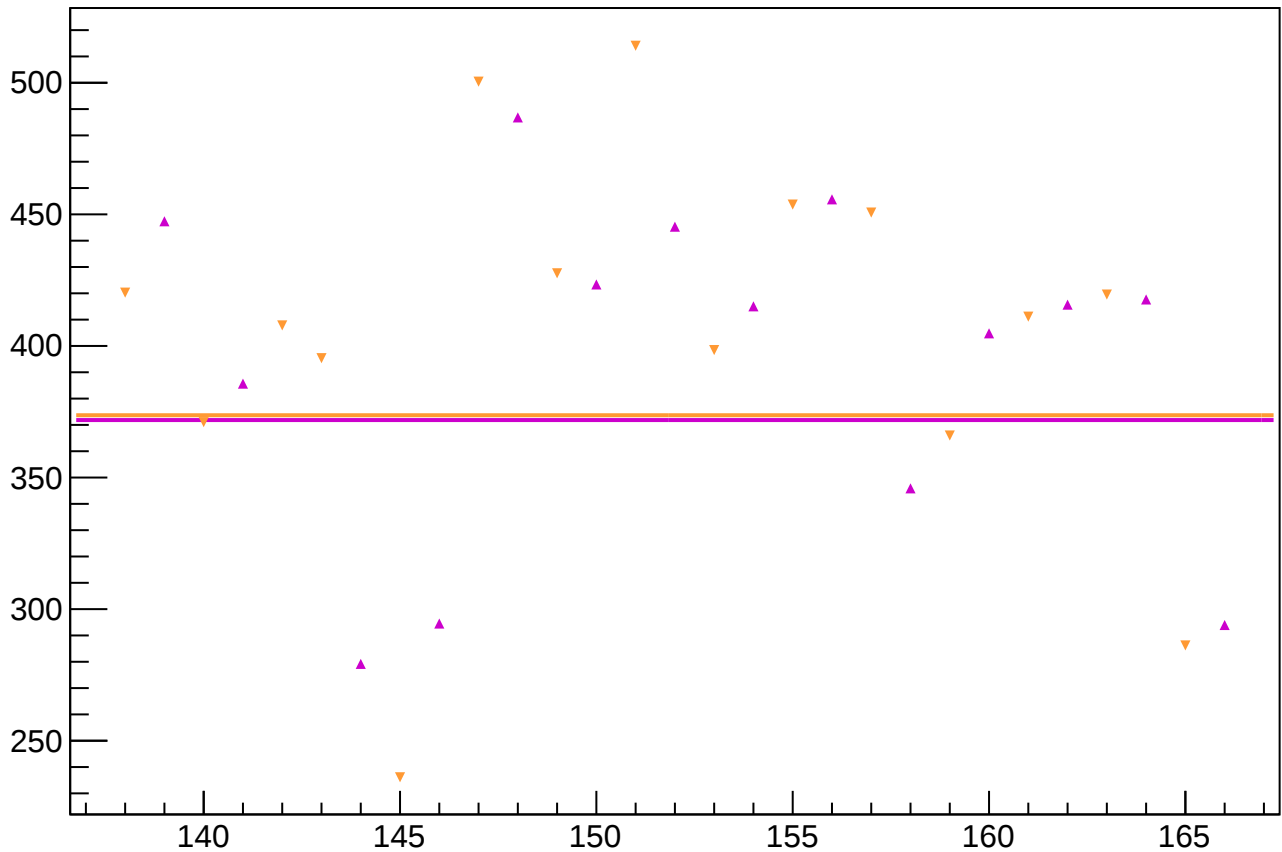
Left In: -198.490+/-115.103 χ^2/NDF : 22.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.042+/-81.323 χ^2/NDF : 52.4/28

- 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: 373.674+/-0.081 χ^2/NDF :1022921.5/14

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

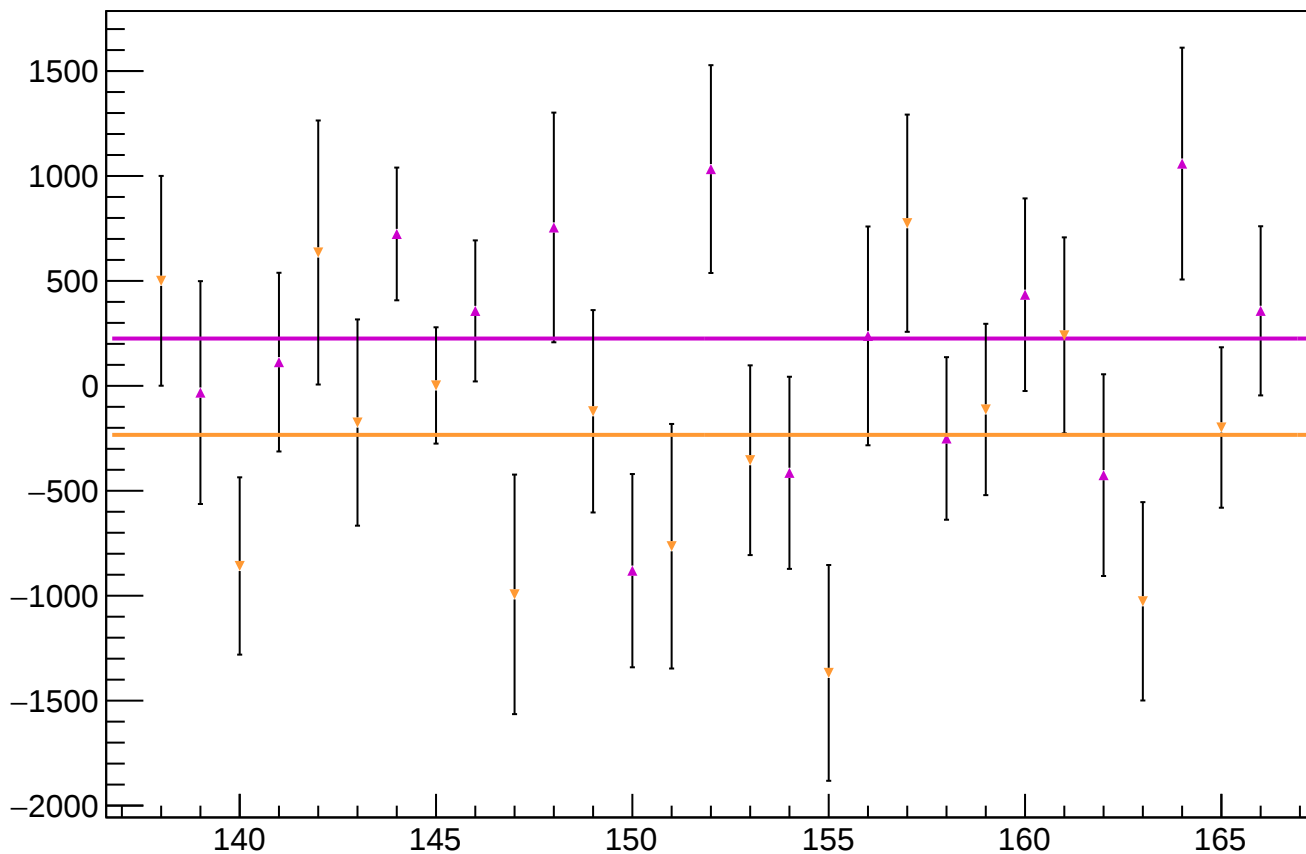
Left In: 371.840+/-0.081 χ^2/NDF :687891.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.758+/-0.058 χ^2/NDF : 1711067.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -233.573 $\pm$ 116.303 χ^2/NDF : 22.3/14

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

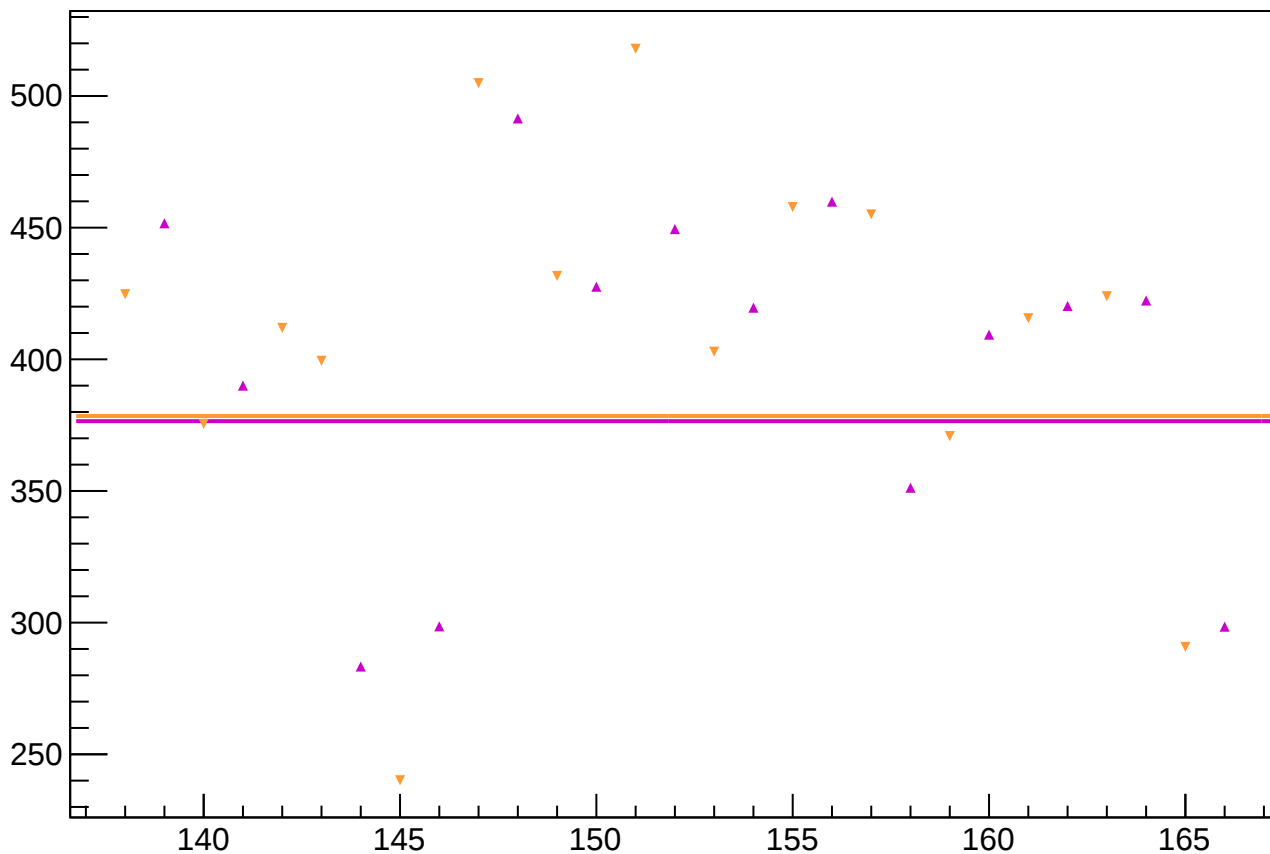
Left In: 225.427 $\pm$ 116.495 χ^2/NDF : 20.2/13

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

All: -4.452 $\pm$ 82.307 χ^2/NDF : 50.3/28

- sign 0.000 $\pm$ 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: 378.469+/-0.082 χ^2/NDF : 996358.2/14

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

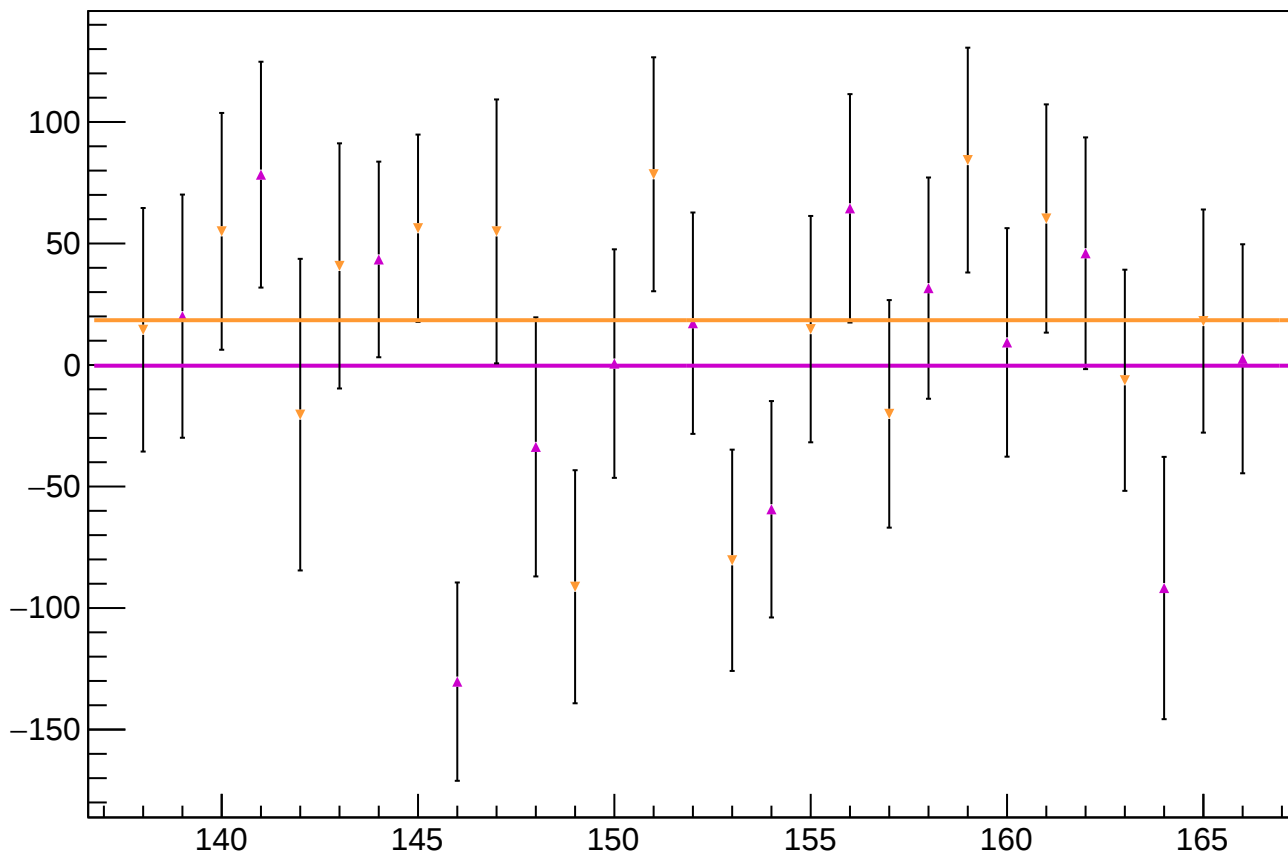
Left In: 376.521+/-0.082 χ^2/NDF : 672583.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.497+/-0.058 χ^2/NDF : 1669222.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 18.436+/-12.297 χ^2/NDF :17.8/14

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

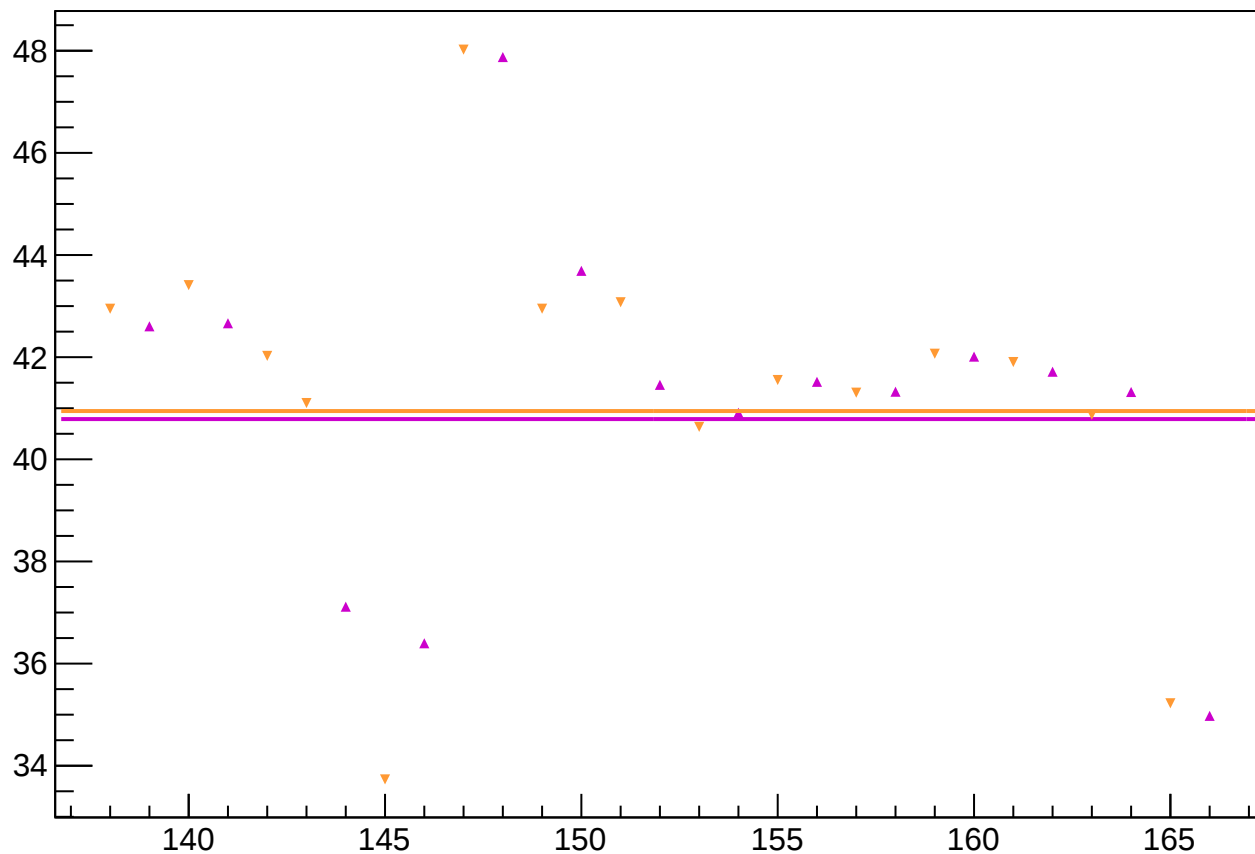
Left In: -0.279+/-12.410 χ^2/NDF :22.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.164+/-8.735 χ^2/NDF : 41.9/28

- sign 0.000+/-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: 40.945+/-0.009 χ^2/NDF :153981.0/14

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

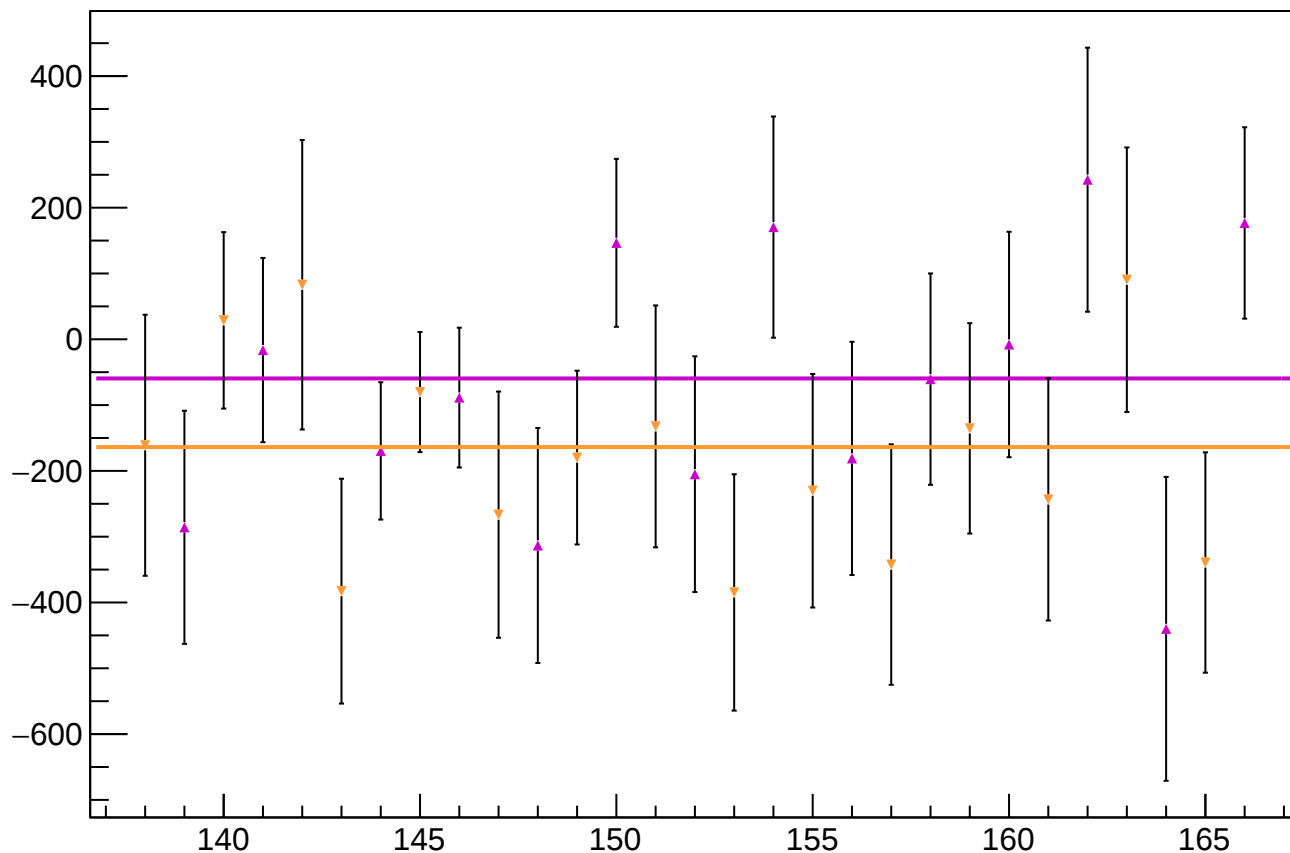
Left In: 40.788+/-0.009 χ^2/NDF :122623.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.867+/-0.006 χ^2/NDF : 276766.6/28

- 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: -163.848+/-41.057 χ^2/NDF : 11.7/14

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

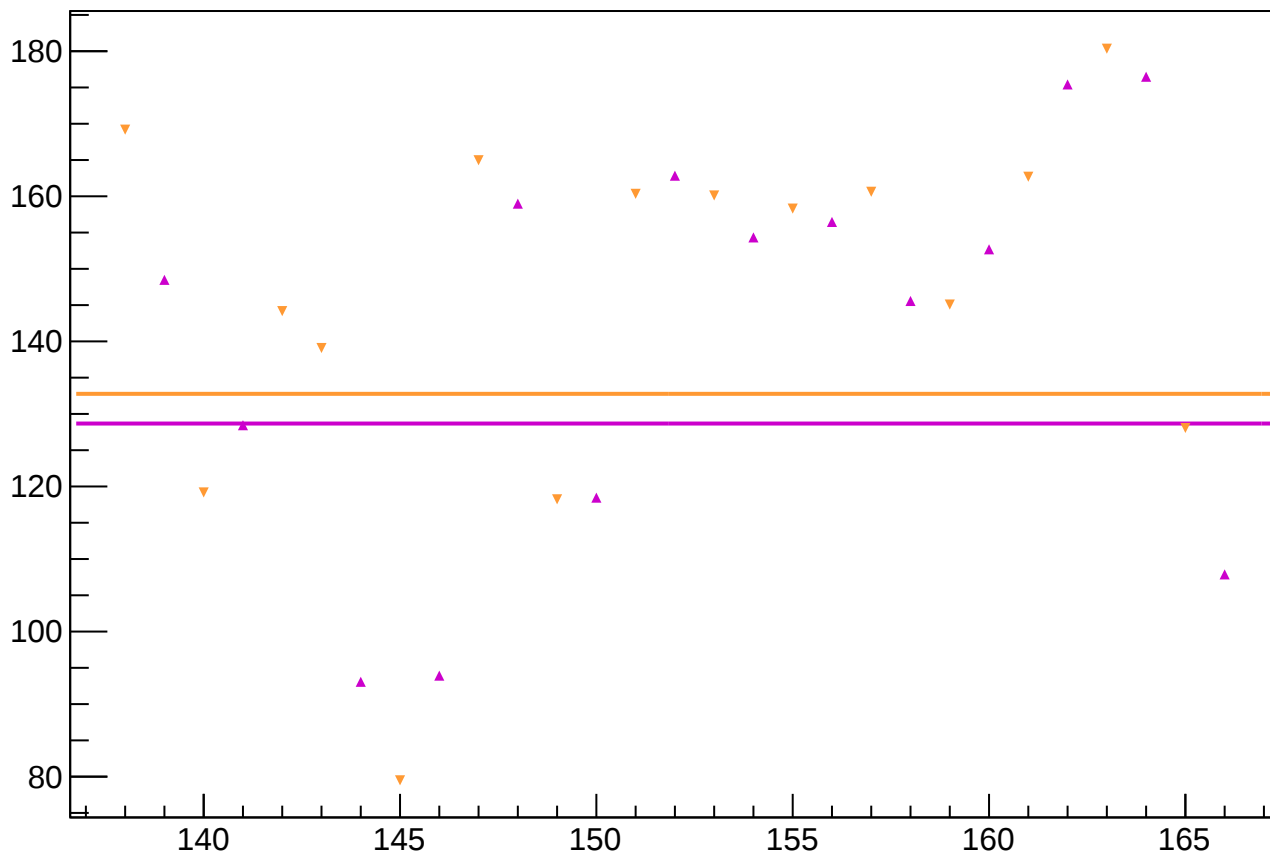
Left In: -59.518+/-40.220 χ^2/NDF : 18.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.609+/-28.731 χ^2/NDF : 33.2/28

- 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: 132.770+/-0.029 χ^2/NDF : 1218157.9/14

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

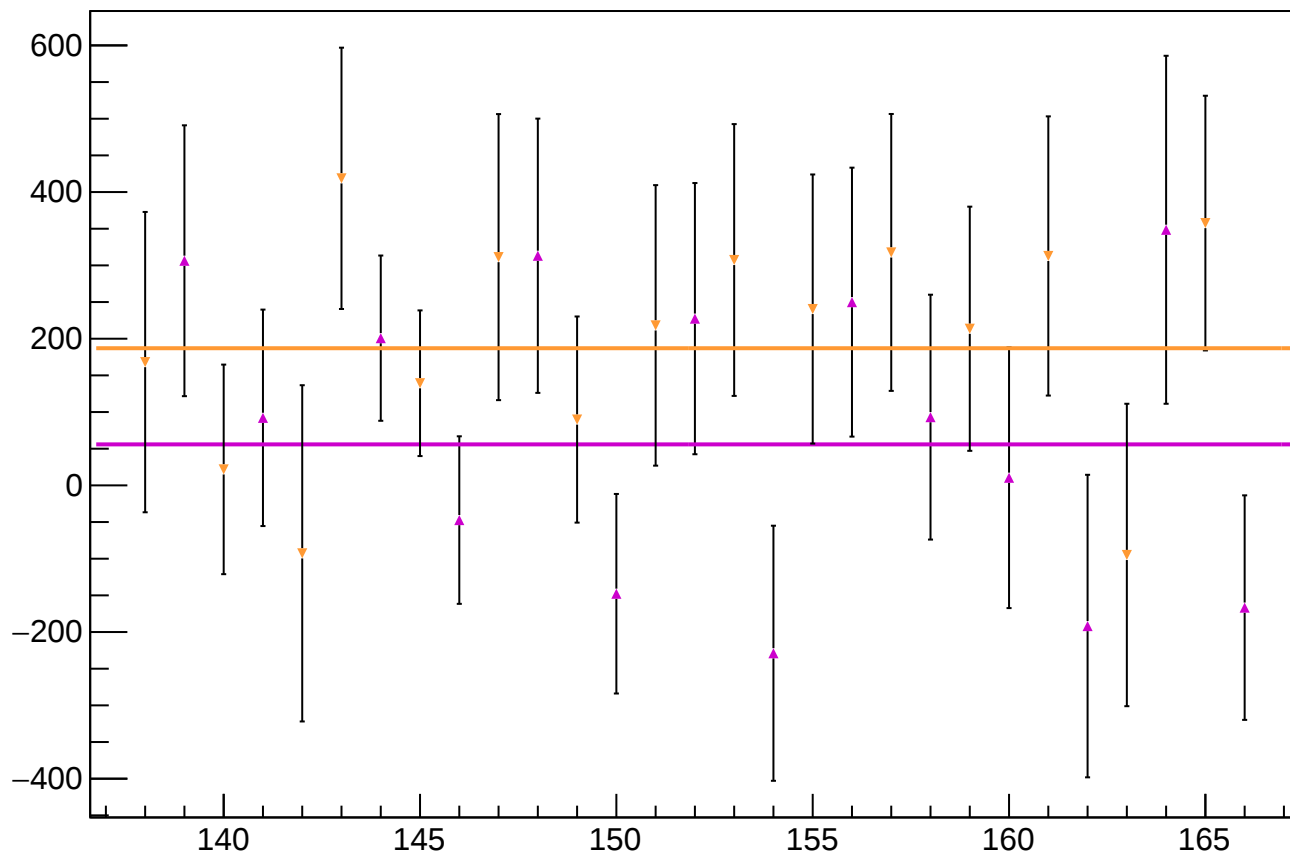
Left In: 128.675+/-0.028 χ^2/NDF : 1007304.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.680+/-0.020 χ^2/NDF : 2235612.2/28

- 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: 187.028 $\pm$ 43.188 χ^2 /NDF:9.9/14

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

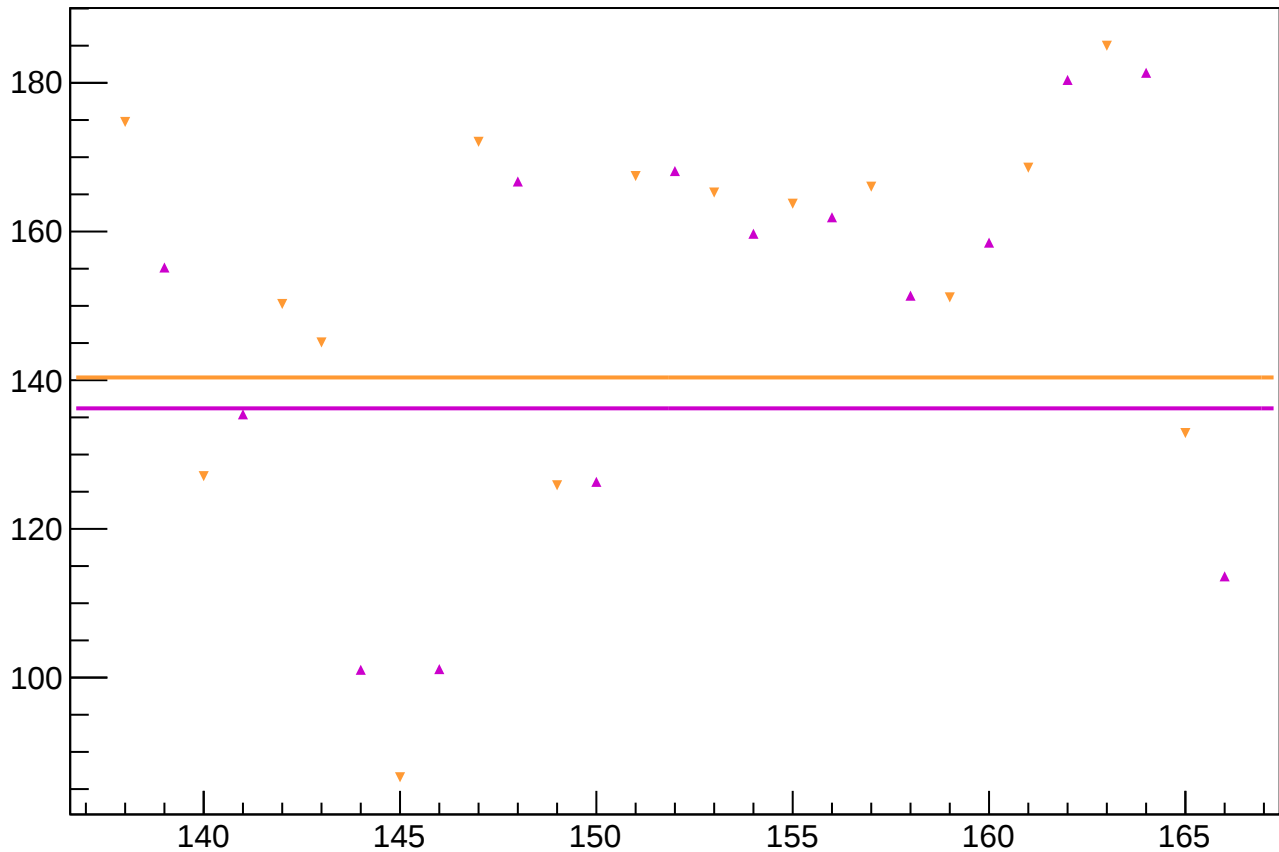
Left In: 55.901 $\pm$ 42.383 χ^2 /NDF:18.4/13

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

All: 120.232 $\pm$ 30.250 χ^2 /NDF: 33.0/28

- 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: 140.370+/-0.031 χ^2/NDF :1034416.8/14

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

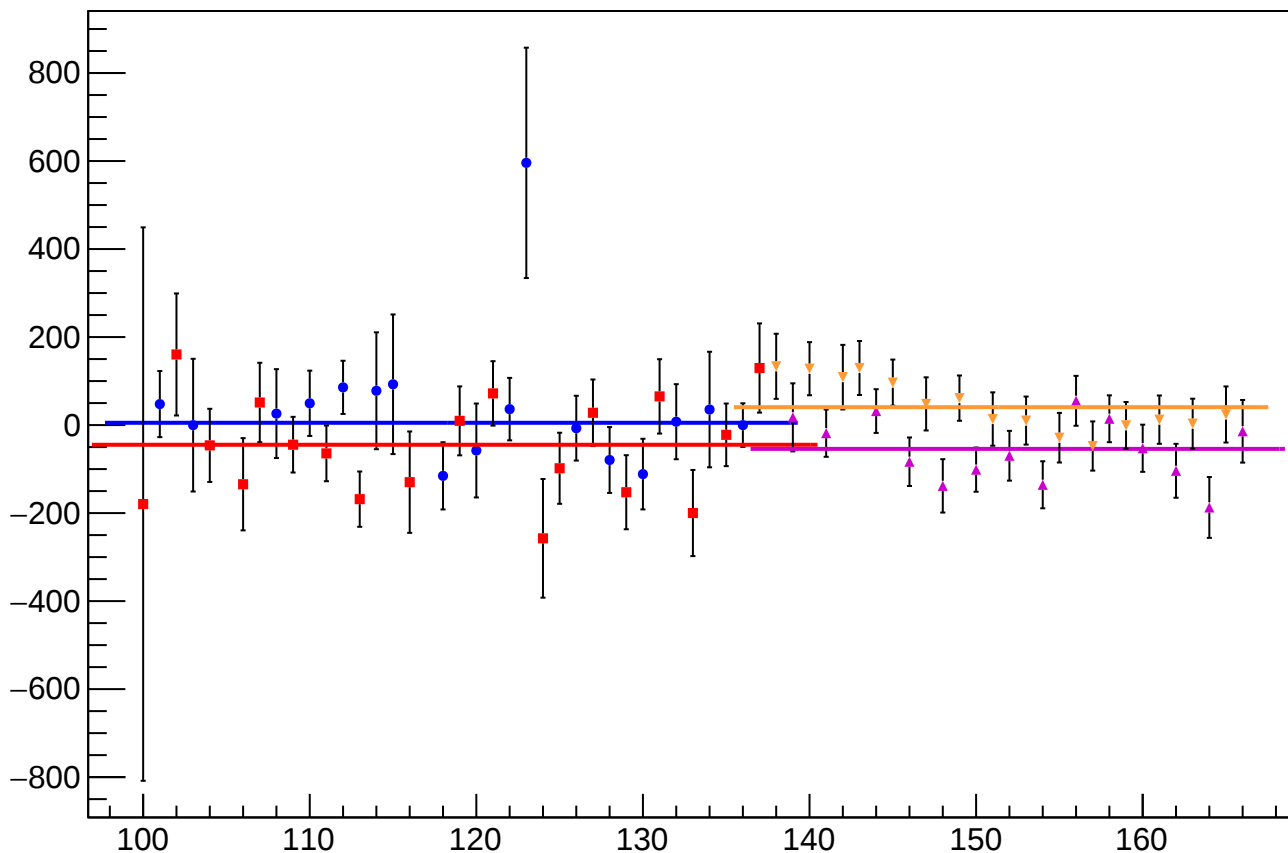
Left In: 136.215+/-0.030 χ^2/NDF :859221.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.254+/-0.021 χ^2/NDF : 1903069.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



Right In: 5.220 ± 20.150 χ^2/NDF : 14.7/16

Left Out: 40.683 ± 15.056 χ^2/NDF : 13.8/14

Right Out: -44.715 ± 19.410 χ^2/NDF : 24.4/18

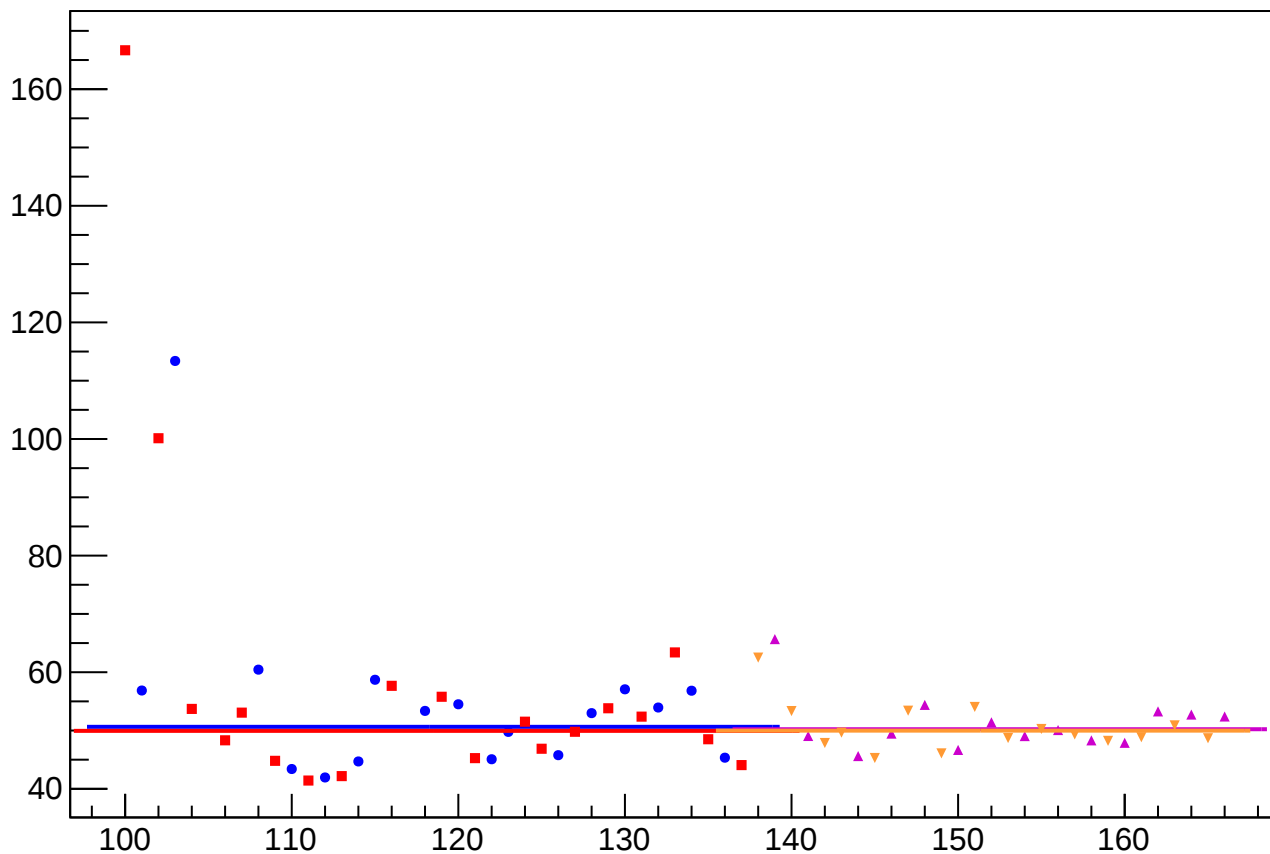
Left In: -54.108 ± 15.313 χ^2/NDF : 19.8/13

+ sign 27.977 ± 12.061 χ^2/NDF : 30.5/31

All: -11.392 ± 8.515 χ^2/NDF : 96.1/64

- sign -50.505 ± 12.022 χ^2/NDF : 44.4/32

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.635 $\pm$ 0.014 χ^2 /NDF: 519687.1/16

Left Out: 49.983 $\pm$ 0.011 χ^2 /NDF: 113995.6/14

Right Out: 49.943 $\pm$ 0.014 χ^2 /NDF: 500488.8/18

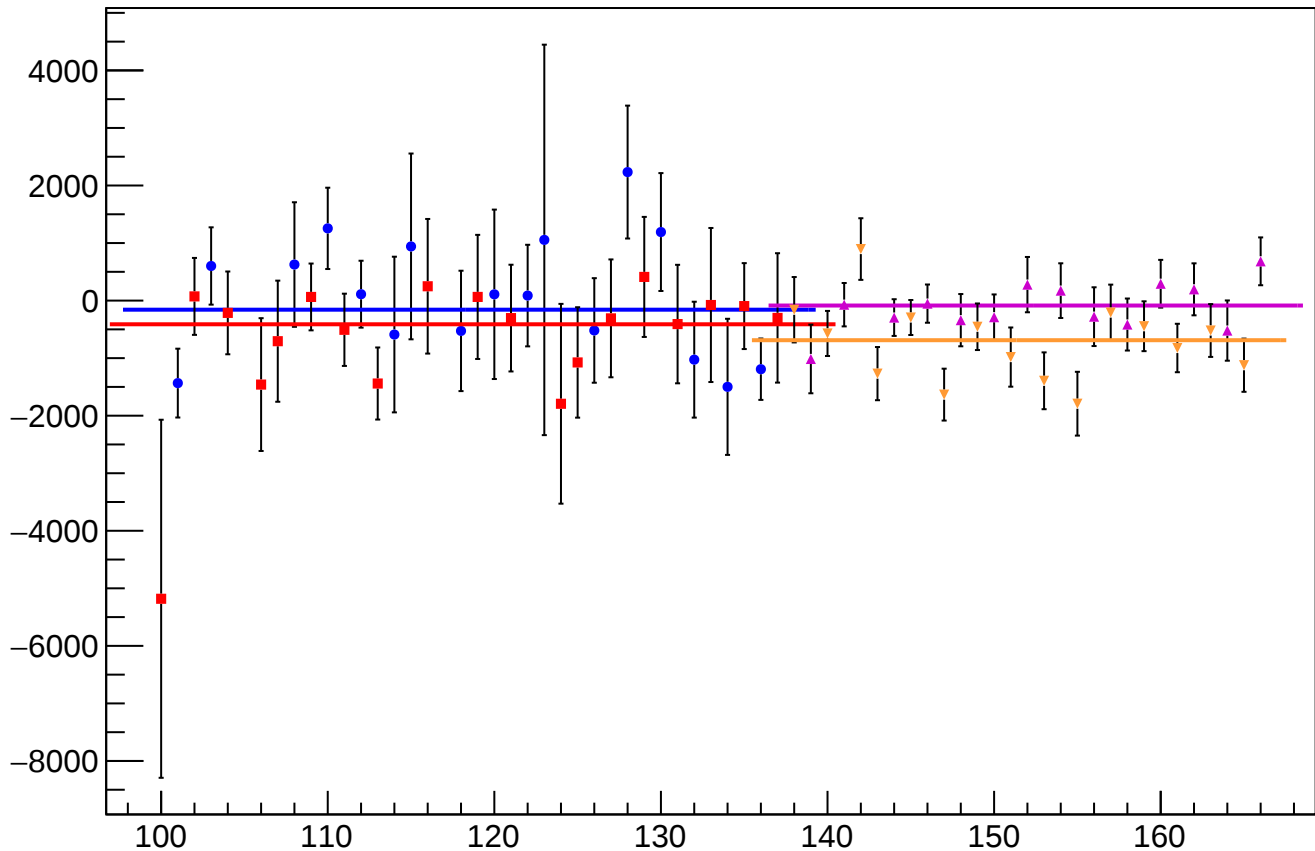
Left In: 50.225 $\pm$ 0.011 χ^2 /NDF: 135601.7/13

+ sign 50.217 $\pm$ 0.009 χ^2 /NDF: 635025.5/31

All: 50.166 $\pm$ 0.006 χ^2 /NDF: 1271444.8/64

- sign 50.116 $\pm$ 0.009 χ^2 /NDF: 636350.1/32

asym_sam_1357_avg_correction_mean vs Slug



Right In: -158.001 $\pm$ 210.181 χ^2 /NDF: 23.5/16

Left Out: -688.331 $\pm$ 115.140 χ^2 /NDF:26.5/14

Right Out: -411.611 $\pm$ 203.633 χ^2 /NDF: 9.8/18

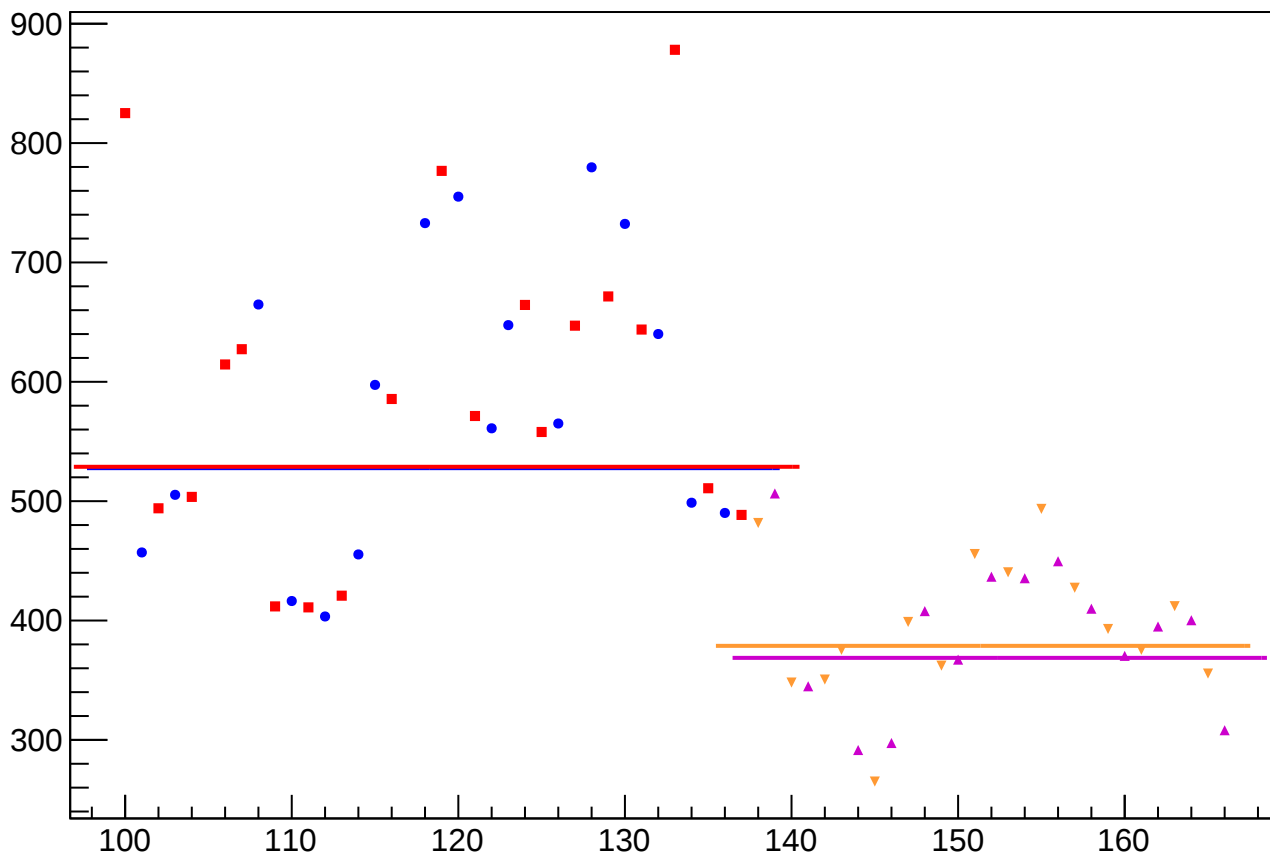
Left In: -85.727 $\pm$ 113.490 χ^2 /NDF:10.3/13

+ sign -565.915 $\pm$ 100.981 χ^2 /NDF: 54.8/31

All: -360.718 $\pm$ 70.742 χ^2 /NDF: 85.0/64

- sign -162.960 $\pm$ 99.133 χ^2 /NDF: 22.0/32

asym_sam_1357_avg_correction_rms vs Slug



Right In: 527.663 $\pm$ 0.149 χ^2 /NDF: 557423.6/16

Left Out: 378.791 $\pm$ 0.081 χ^2 /NDF: 570276.8/14

Right Out: 528.806 $\pm$ 0.144 χ^2 /NDF: 623364.6/18

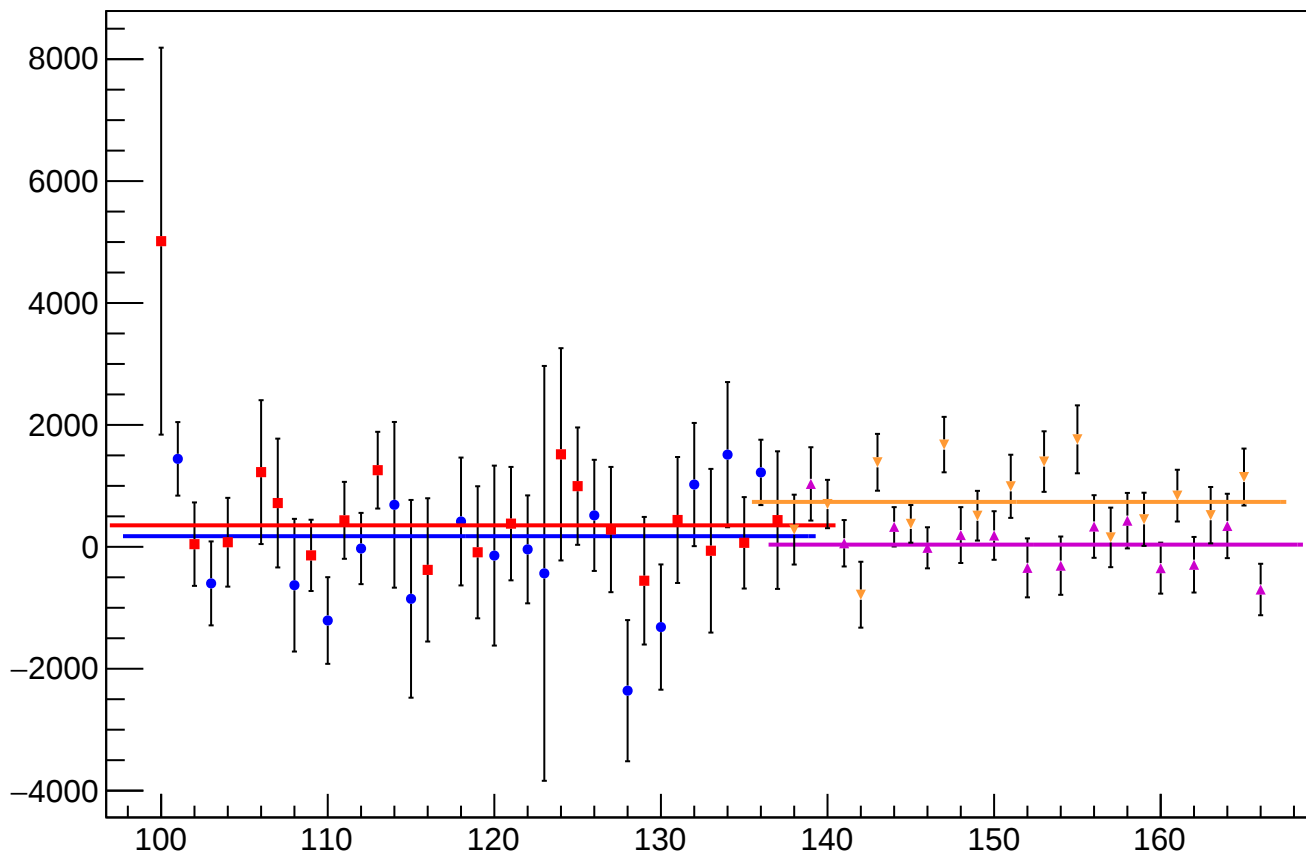
Left In: 368.724 $\pm$ 0.080 χ^2 /NDF: 541938.8/13

+ sign 413.155 $\pm$ 0.071 χ^2 /NDF: 1899474.9/31

All: 409.849 $\pm$ 0.050 χ^2 /NDF: 4012058.7/64

- sign 406.663 $\pm$ 0.070 χ^2 /NDF: 2108374.0/32

asym_sam_1357_avg_mean vs Slug



Right In: 174.605 ± 211.662 χ^2/NDF : 23.7/16

Left Out: 737.032 ± 116.223 χ^2/NDF : 24.8/14

Right Out: 352.570 ± 205.204 χ^2/NDF : 8.4/18

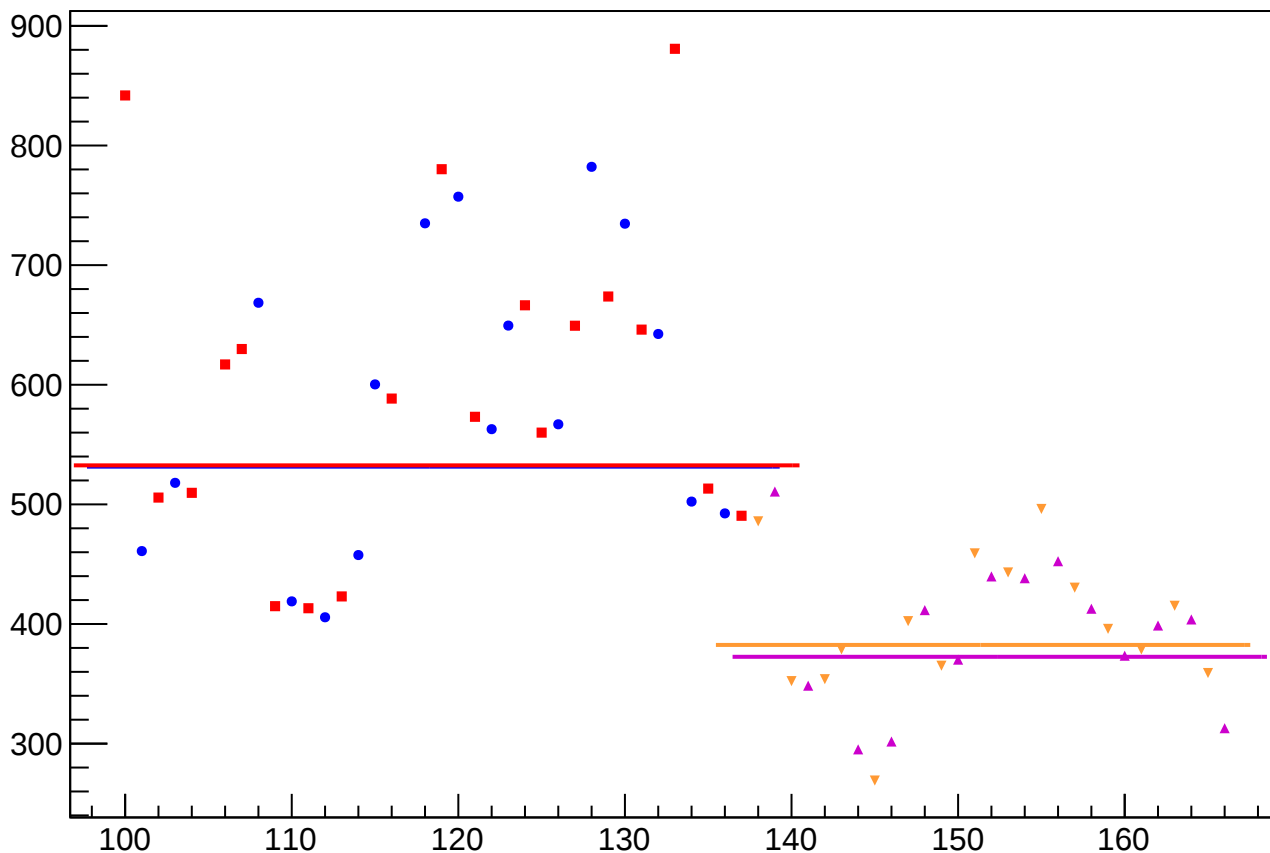
Left In: 36.156 ± 114.627 χ^2/NDF : 10.8/13

+ sign 606.740 ± 101.875 χ^2/NDF : 53.9/31

All: 354.652 ± 71.391 χ^2/NDF : 87.0/64

- sign 111.408 ± 100.073 χ^2/NDF : 21.1/32

asym_sam_1357_avg_rms vs Slug



Right In: 531.554+/-0.150 χ^2/NDF : 550087.6/16

Left Out: 382.508+/-0.082 χ^2/NDF : 552722.4/14

Right Out: 532.620+/-0.145 χ^2/NDF : 615746.2/18

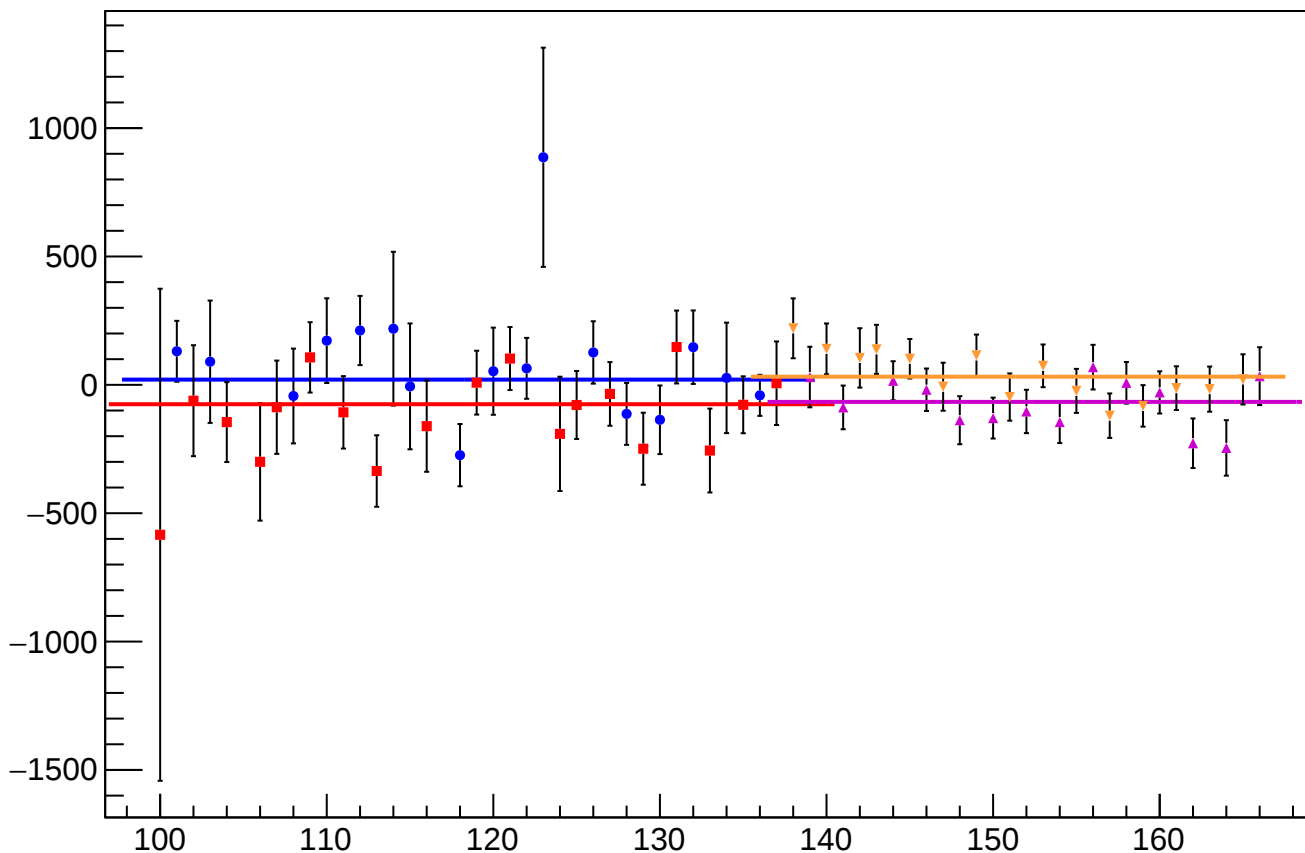
Left In: 372.585+/-0.081 χ^2/NDF : 525168.0/13

+ sign 417.036+/-0.072 χ^2/NDF : 1864780.6/31

All: 413.784+/-0.050 χ^2/NDF : 3936836.5/64

- sign 410.646+/-0.071 χ^2/NDF : 2068051.2/32

reg_asym_sam_2468_avg_mean vs Slug



Right In: 20.441 ± 34.583 χ^2/NDF : 19.3/16

Left Out: 31.727 ± 23.240 χ^2/NDF : 14.5/14

Right Out: -75.454 ± 34.698 χ^2/NDF : 15.4/18

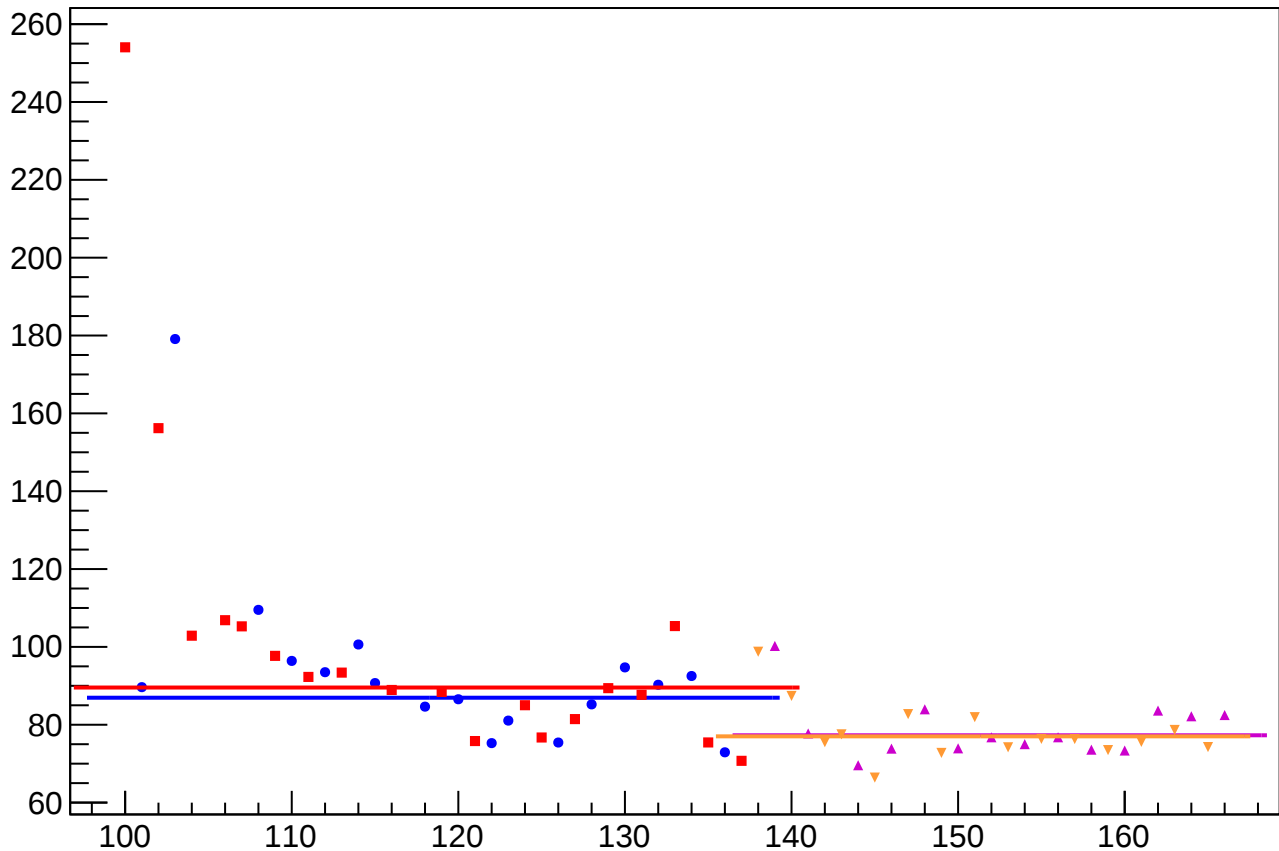
Left In: -66.385 ± 23.601 χ^2/NDF : 14.4/13

+ sign 28.216 ± 19.289 χ^2/NDF : 33.9/31

All: -19.951 ± 13.719 χ^2/NDF : 76.3/64

- sign -69.253 ± 19.515 χ^2/NDF : 29.8/32

reg_asym_sam_2468_avg_rms vs Slug



Right In: 86.943+/-0.024 χ^2/NDF : 455809.4/16

Left Out: 77.018+/-0.016 χ^2/NDF : 157708.4/14

Right Out: 89.561+/-0.025 χ^2/NDF : 431229.7/18

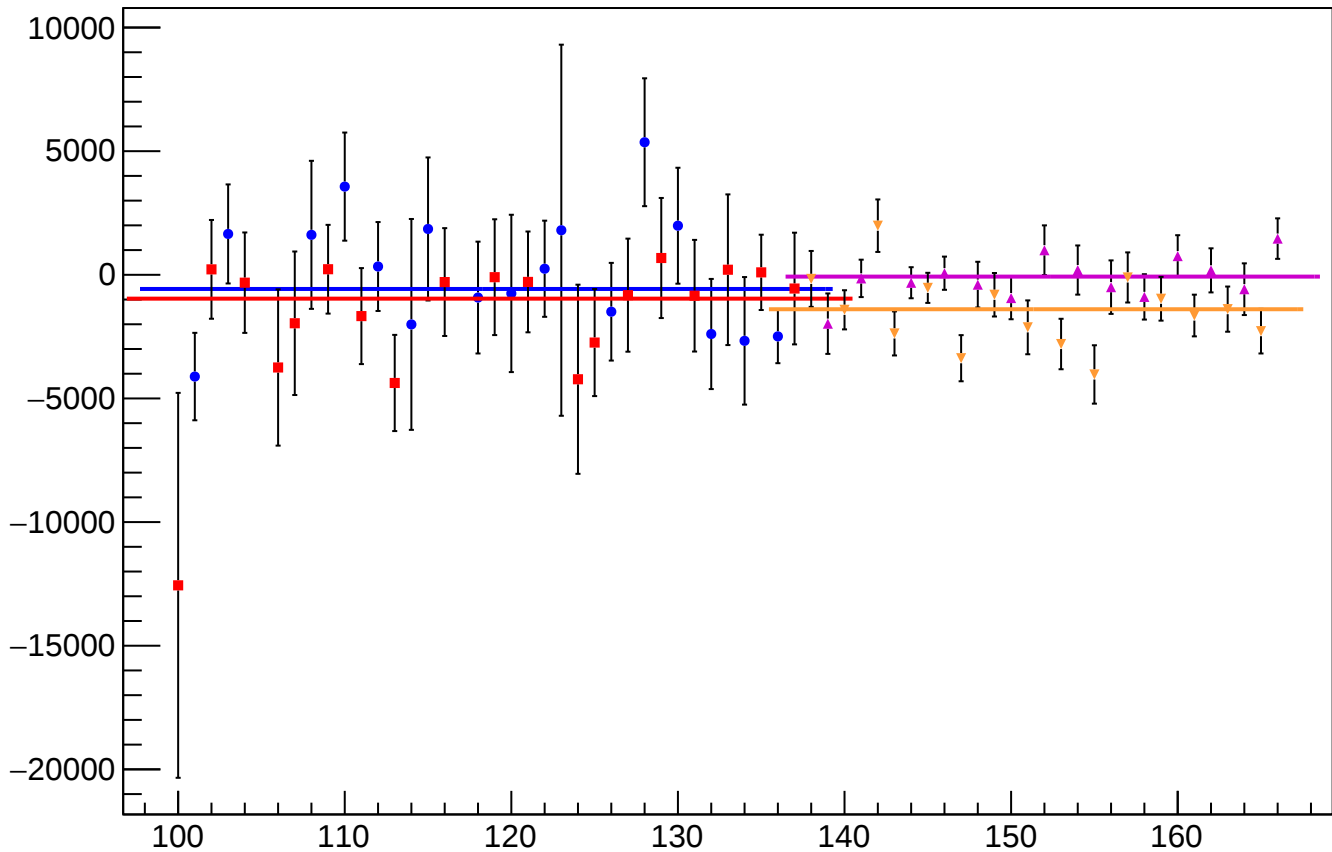
Left In: 77.292+/-0.017 χ^2/NDF : 140795.7/13

+ sign 80.105+/-0.014 χ^2/NDF : 726995.1/31

All: 80.633+/-0.010 χ^2/NDF : 1472992.8/64

- sign 81.173+/-0.014 χ^2/NDF : 742969.2/32

asym_sam_2468_avg_correction_mean vs Slug



Right In: -572.342 ± 517.020 χ^2/NDF : 21.9/16

Left Out: -1392.299 ± 233.926 χ^2/NDF : 29.7/14

Right Out: -963.846 ± 514.621 χ^2/NDF : 10.1/18

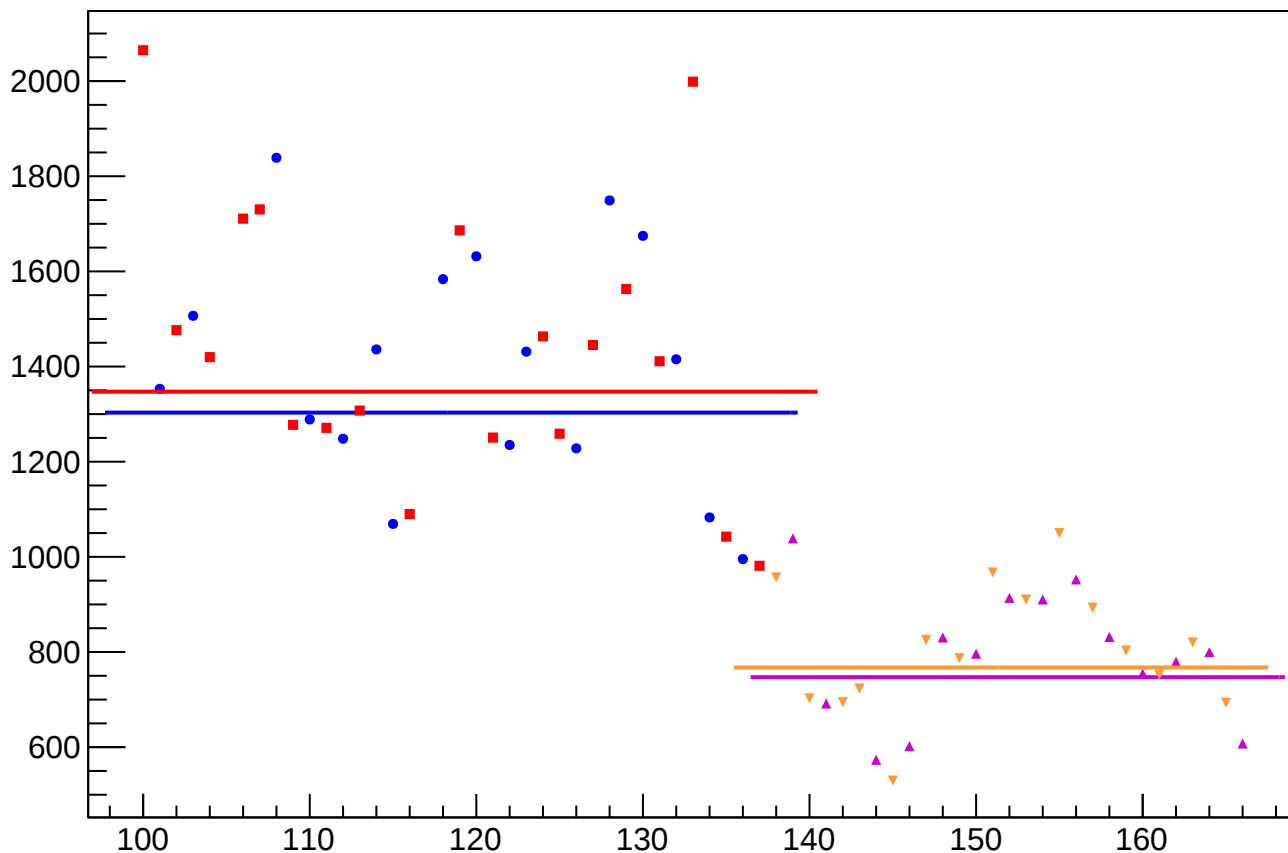
Left In: -72.453 ± 230.578 χ^2/NDF : 10.7/13

+ sign -1252.967 ± 213.127 χ^2/NDF : 53.7/31

All: -730.640 ± 149.738 χ^2/NDF : 88.9/64

- sign -221.484 ± 210.422 χ^2/NDF : 23.3/32

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1303.201 $\pm$ 0.366 χ^2 /NDF: 451961.9/16

Left Out: 767.493 $\pm$ 0.165 χ^2 /NDF: 673661.8/14

Right Out: 1347.177 $\pm$ 0.364 χ^2 /NDF: 420774.0/18

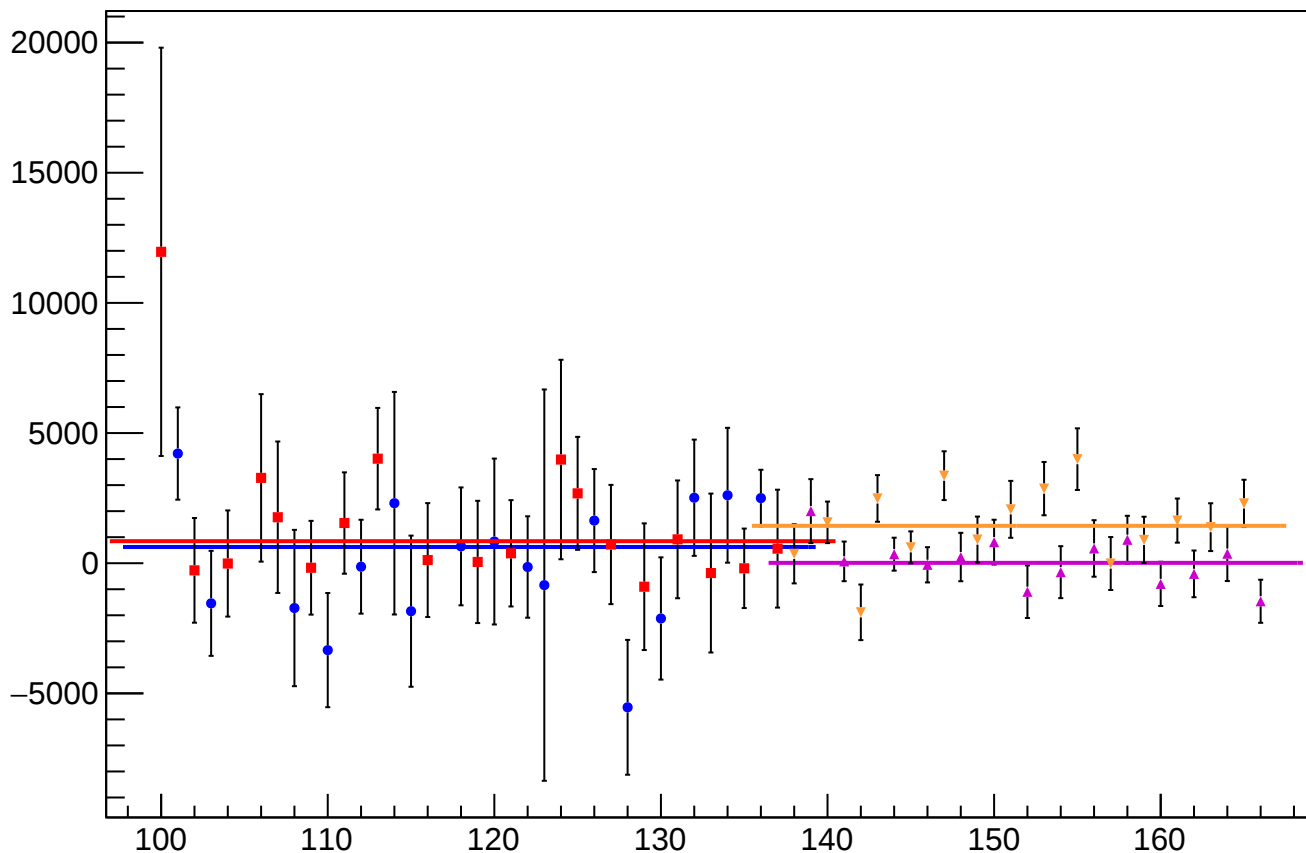
Left In: 747.119 $\pm$ 0.163 χ^2 /NDF: 657867.8/13

+ sign 858.523 $\pm$ 0.151 χ^2 /NDF: 2907955.2/31

All: 852.912 $\pm$ 0.106 χ^2 /NDF: 6253916.0/64

- sign 847.442 $\pm$ 0.149 χ^2 /NDF: 3343222.8/32

asym_sam_2468_avg_mean vs Slug



Right In: 622.411 ± 518.496 $\chi^2/\text{NDF}: 22.0/16$

Left Out: 1435.994 ± 235.228 $\chi^2/\text{NDF}: 28.7/14$

Right Out: 846.021 ± 516.325 $\chi^2/\text{NDF}: 9.1/18$

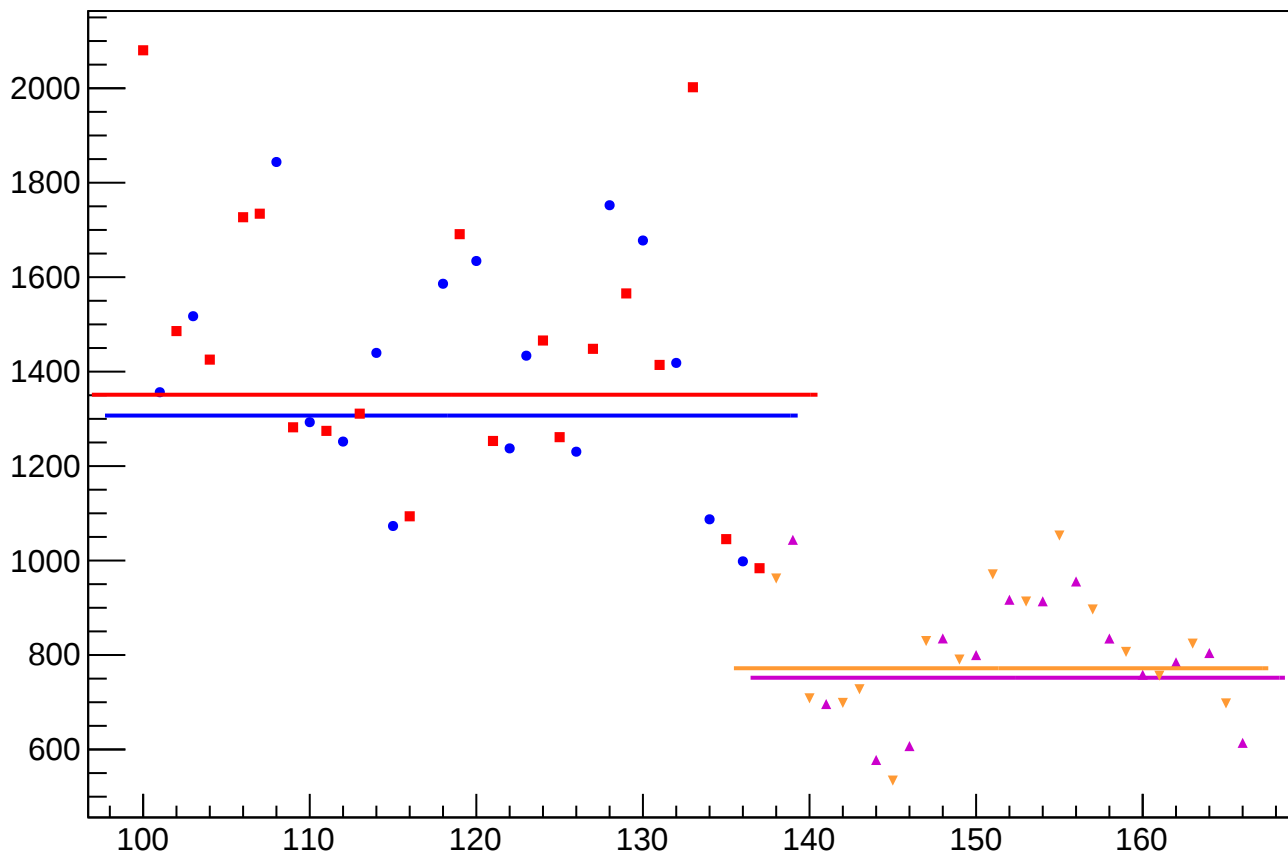
Left In: 14.005 ± 231.968 $\chi^2/\text{NDF}: 10.8/13$

+ sign 1297.125 ± 214.214 $\chi^2/\text{NDF}: 52.7/31$

All: 718.398 ± 150.537 $\chi^2/\text{NDF}: 89.1/64$

- sign 153.736 ± 211.595 $\chi^2/\text{NDF}: 22.0/32$

asym_sam_2468_avg_rms vs Slug



Right In: 1306.980 $\pm$ 0.367 χ^2 /NDF: 451191.7/16

Left Out: 771.964 $\pm$ 0.166 χ^2 /NDF: 662506.8/14

Right Out: 1351.096 $\pm$ 0.365 χ^2 /NDF: 421804.6/18

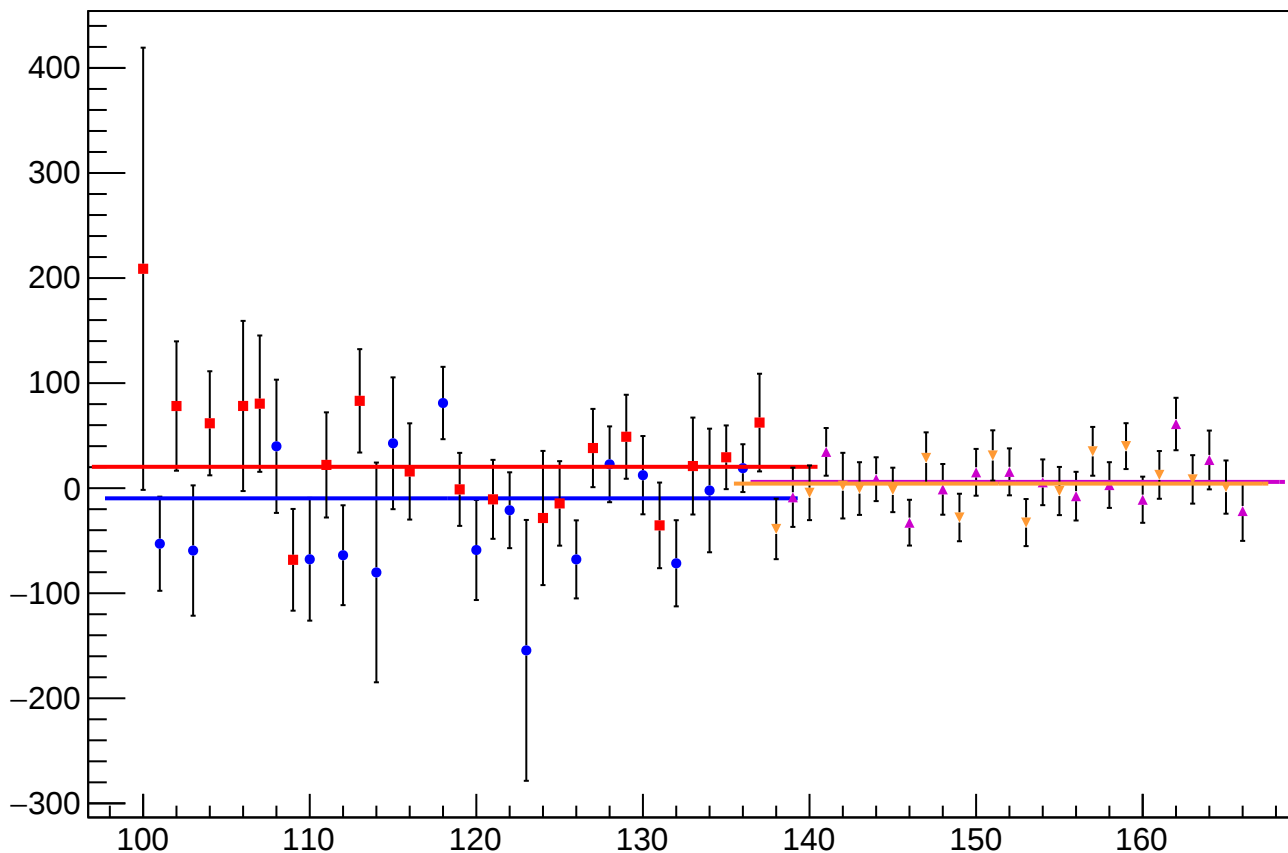
Left In: 751.862 $\pm$ 0.164 χ^2 /NDF: 645118.5/13

+ sign 863.285 $\pm$ 0.151 χ^2 /NDF: 2879700.8/31

All: 857.826 $\pm$ 0.106 χ^2 /NDF: 6190645.0/64

- sign 852.500 $\pm$ 0.150 χ^2 /NDF: 3308377.9/32

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -9.669 ± 10.408 χ^2/NDF : 22.6/16

Left Out: 4.343 ± 6.185 χ^2/NDF : 14.2/14

Right Out: 20.335 ± 10.444 χ^2/NDF : 14.7/18

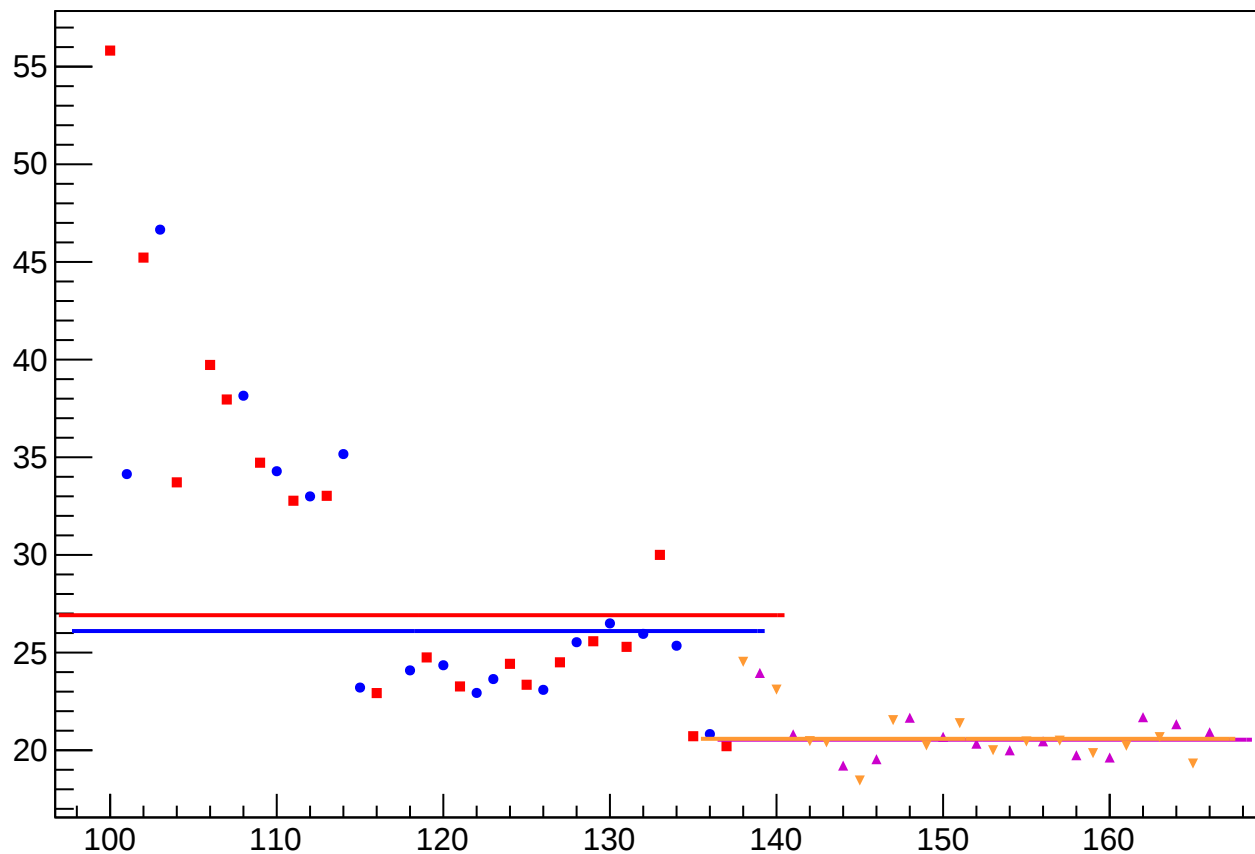
Left In: 5.966 ± 6.248 χ^2/NDF : 12.8/13

+ sign 0.685 ± 5.317 χ^2/NDF : 38.1/31

All: 5.182 ± 3.775 χ^2/NDF : 68.4/64

- sign 9.753 ± 5.362 χ^2/NDF : 28.9/32

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.103 $\pm$ 0.007 χ^2 /NDF: 604038.5/16

Left Out: 20.585 $\pm$ 0.004 χ^2 /NDF: 91774.0/14

Right Out: 26.914 $\pm$ 0.007 χ^2 /NDF: 678970.2/18

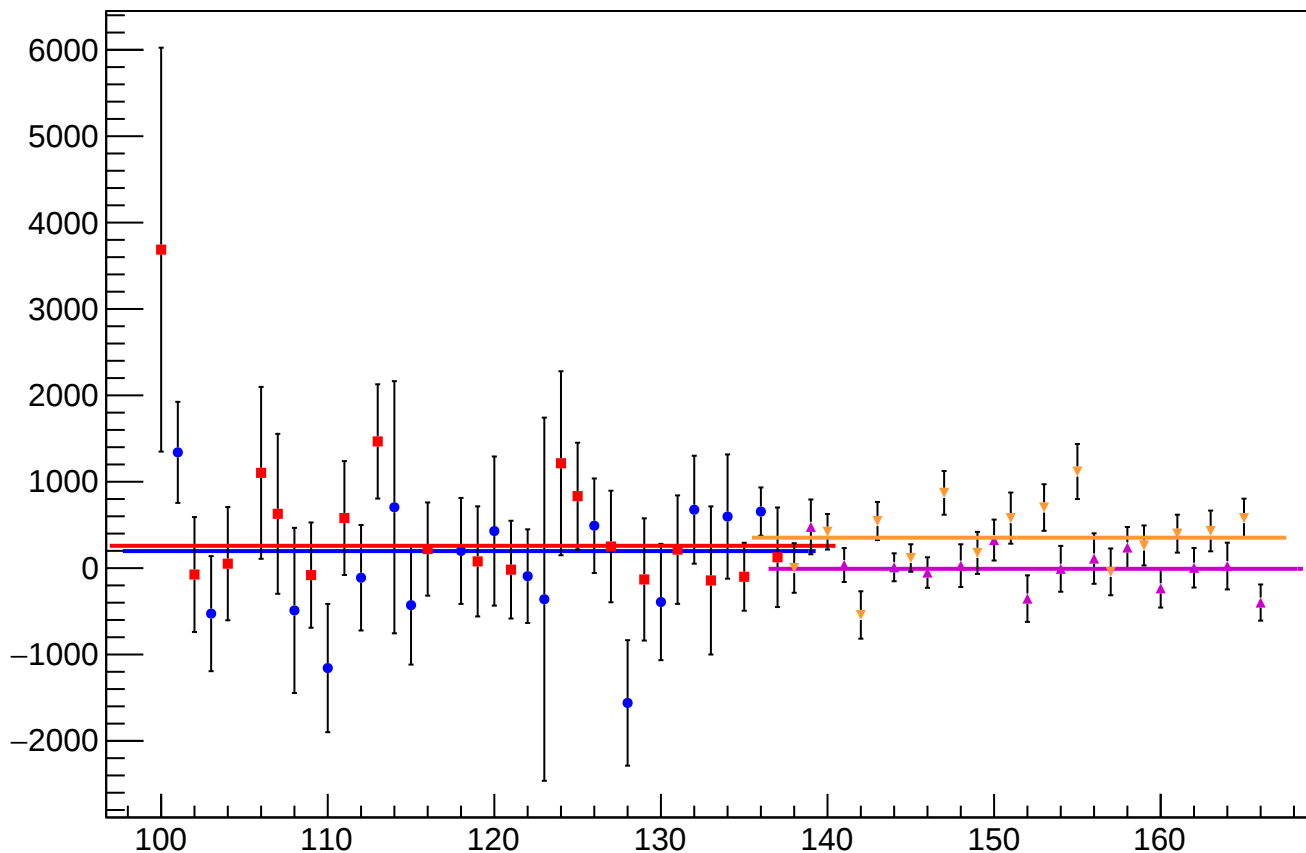
Left In: 20.539 $\pm$ 0.004 χ^2 /NDF: 60187.9/13

+ sign 22.025 $\pm$ 0.004 χ^2 /NDF: 1111226.0/31

All: 22.121 $\pm$ 0.003 χ^2 /NDF: 2400450.6/64

- sign 22.219 $\pm$ 0.004 χ^2 /NDF: 1287900.9/32

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 197.327 $\pm$ 147.883 χ^2 /NDF: 21.0/16

Left Out: 352.304 $\pm$ 61.152 χ^2 /NDF:31.4/14

Right Out: 258.537 $\pm$ 149.867 χ^2 /NDF: 10.7/18

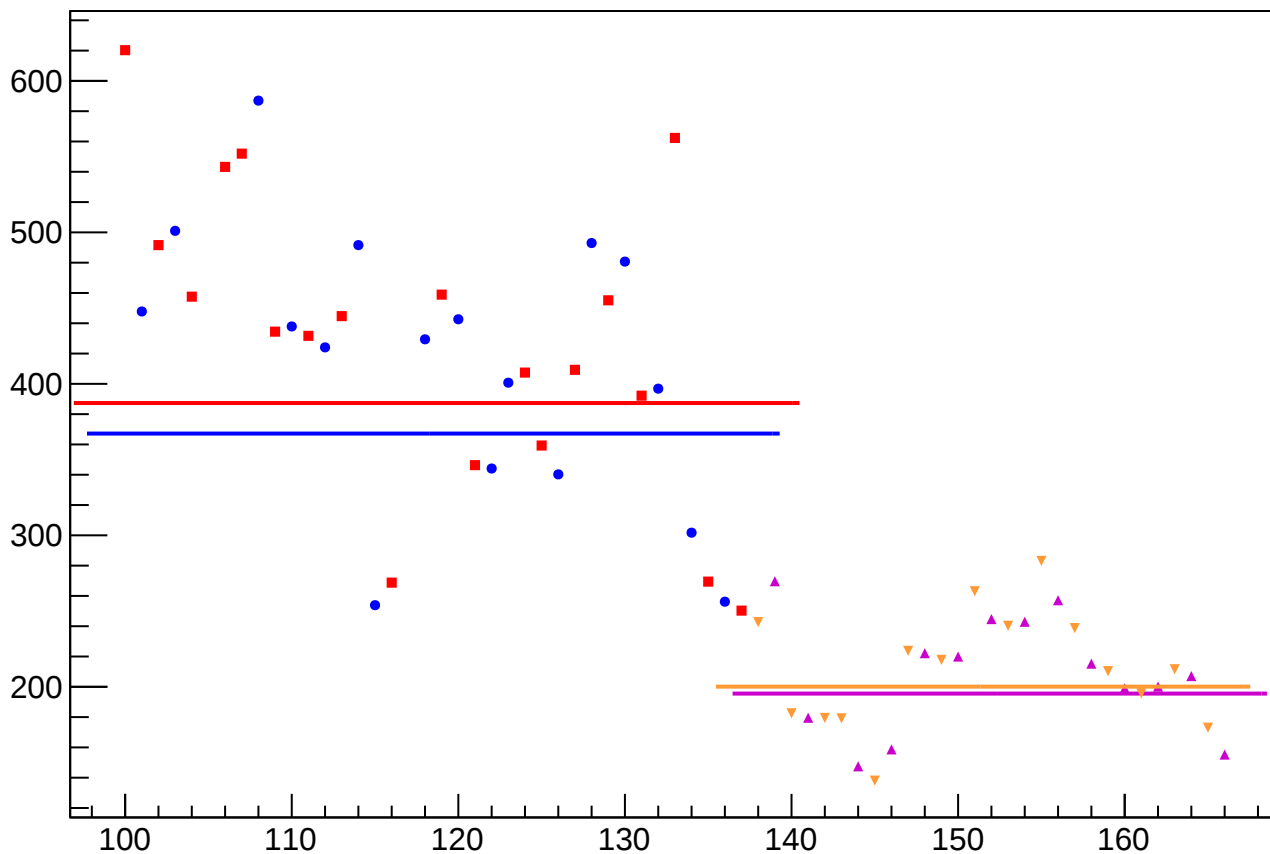
Left In: -7.875 $\pm$ 60.466 χ^2 /NDF:11.9/13

+ sign 329.673 $\pm$ 56.511 χ^2 /NDF: 53.3/31

All: 178.382 $\pm$ 39.804 χ^2 /NDF: 92.8/64

- sign 29.422 $\pm$ 56.074 χ^2 /NDF: 25.3/32

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 367.180 $\pm$ 0.105 χ^2 /NDF: 827148.2/16

Left Out: 200.109 $\pm$ 0.043 χ^2 /NDF: 770872.6/14

Right Out: 387.344 $\pm$ 0.106 χ^2 /NDF: 774562.4/18

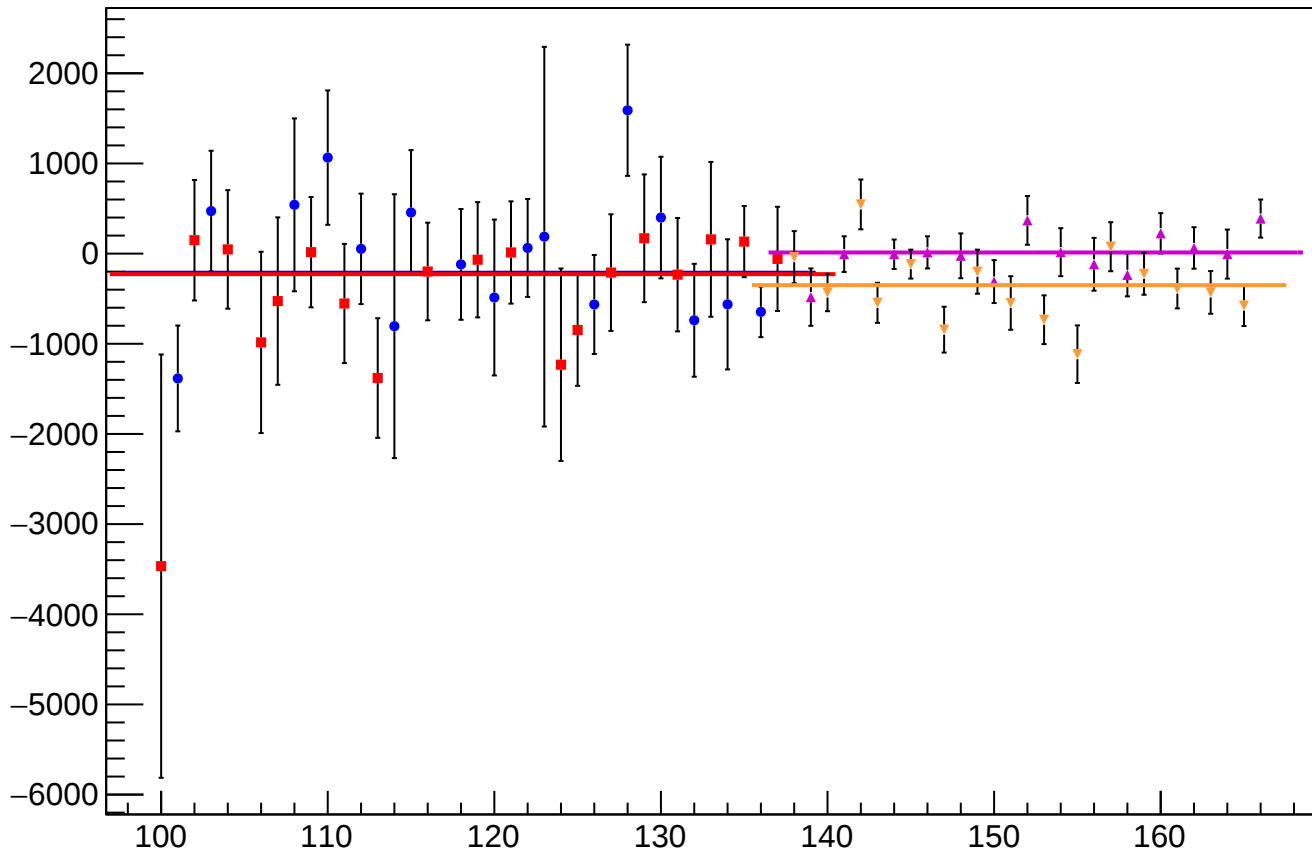
Left In: 195.526 $\pm$ 0.043 χ^2 /NDF: 742976.0/13

+ sign 224.506 $\pm$ 0.040 χ^2 /NDF: 3777930.7/31

All: 223.435 $\pm$ 0.028 χ^2 /NDF: 8114608.3/64

- sign 222.380 $\pm$ 0.040 χ^2 /NDF: 4335250.8/32

asym_sam_1357_2468_dd_mean vs Slug



Right In: -211.859 ± 148.316 χ^2/NDF : 21.0/16

Left Out: -349.586 ± 61.510 χ^2/NDF : 31.0/14

Right Out: -227.831 ± 150.317 χ^2/NDF : 10.1/18

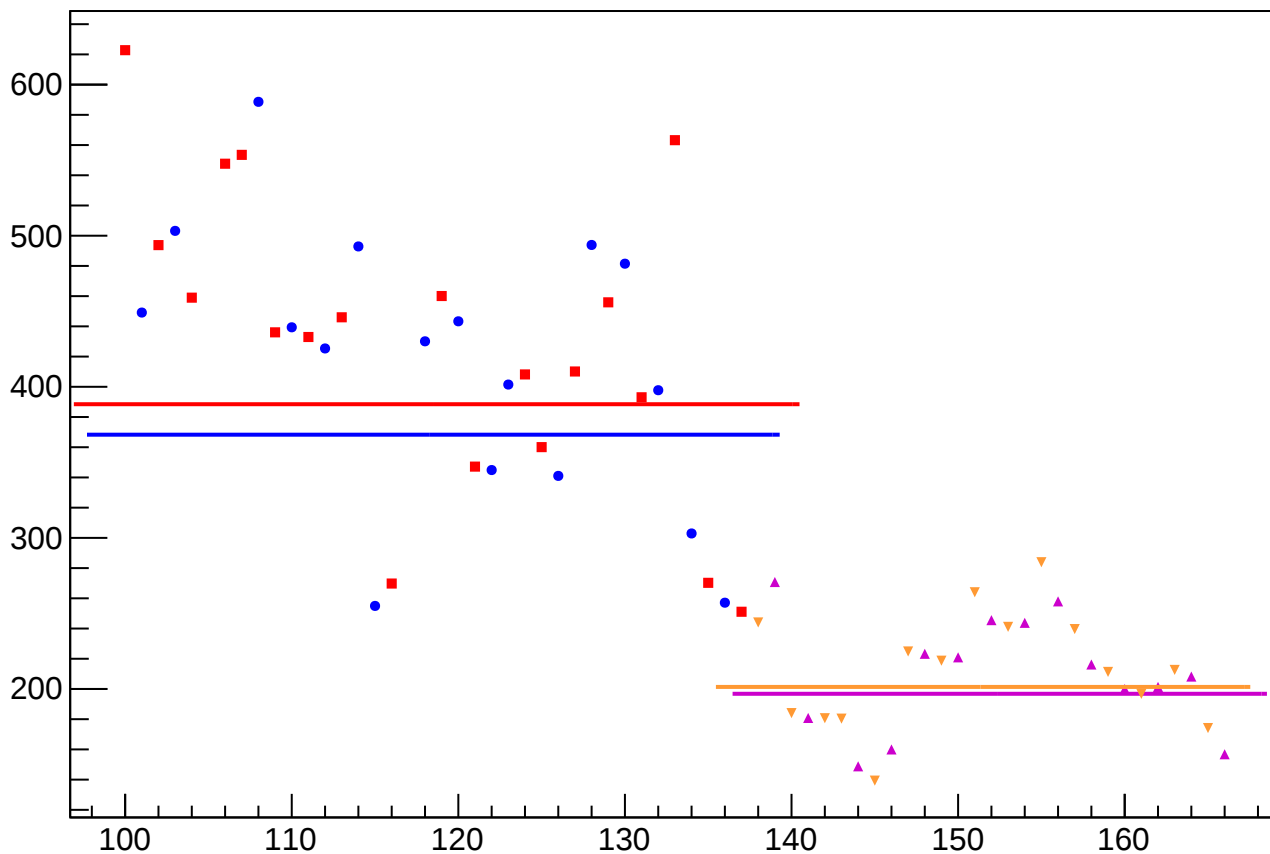
Left In: 12.793 ± 60.840 χ^2/NDF : 11.5/13

+ sign -329.374 ± 56.817 χ^2/NDF : 52.7/31

All: -174.077 ± 40.026 χ^2/NDF : 91.2/64

- sign -21.077 ± 56.396 χ^2/NDF : 23.7/32

asym_sam_1357_2468_dd_rms vs Slug



Right In: 368.302 $\pm$ 0.105 χ^2 /NDF: 824619.2/16

Left Out: 201.355 $\pm$ 0.043 χ^2 /NDF: 756354.6/14

Right Out: 388.472 $\pm$ 0.106 χ^2 /NDF: 774717.2/18

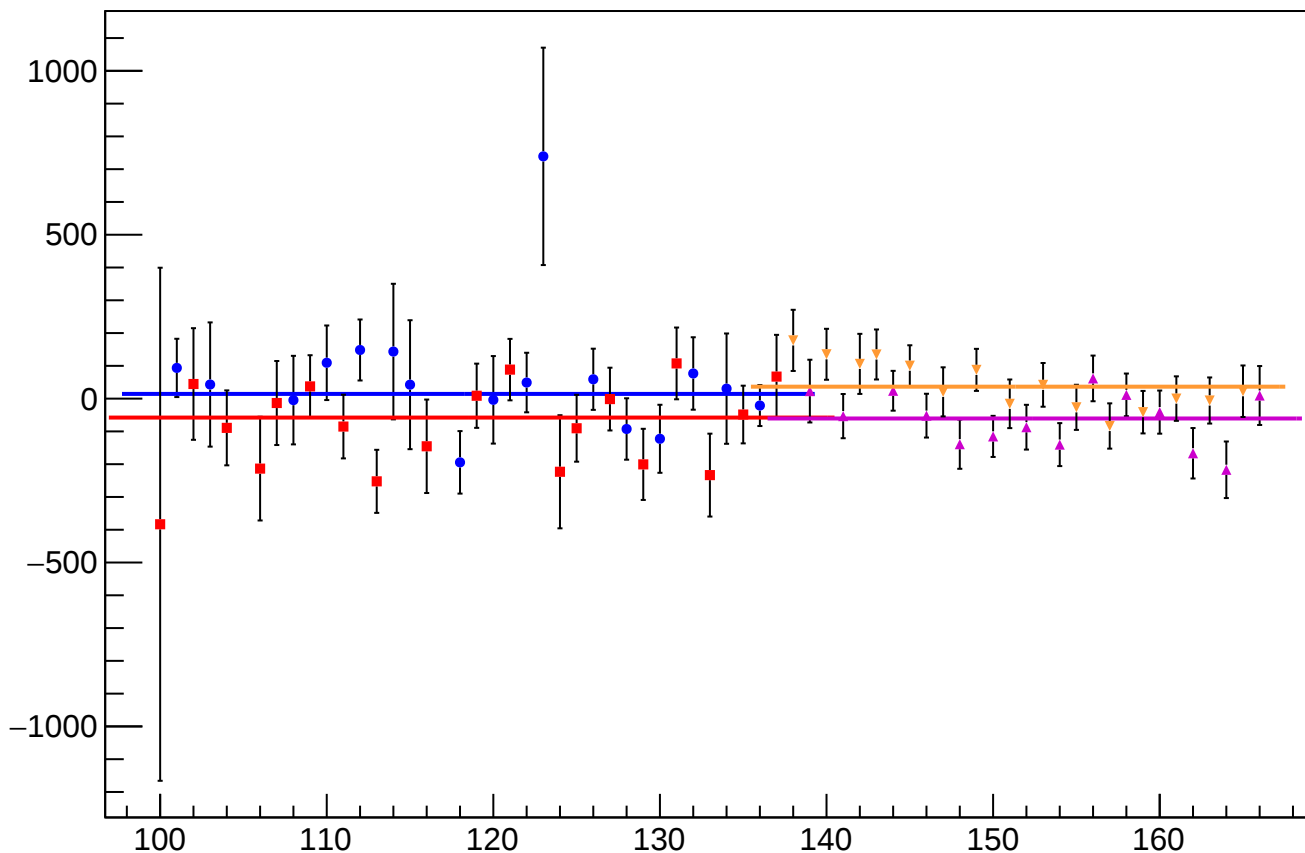
Left In: 196.814 $\pm$ 0.043 χ^2 /NDF: 727381.2/13

+ sign 225.855 $\pm$ 0.040 χ^2 /NDF: 3743116.8/31

All: 224.816 $\pm$ 0.028 χ^2 /NDF: 8040278.8/64

- sign 223.792 $\pm$ 0.040 χ^2 /NDF: 4295833.8/32

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 14.385+/-26.334 χ^2/NDF : 17.7/16

Left Out: 36.455+/-18.579 χ^2/NDF : 14.4/14

Right Out: -57.795+/-26.121 χ^2/NDF : 18.4/18

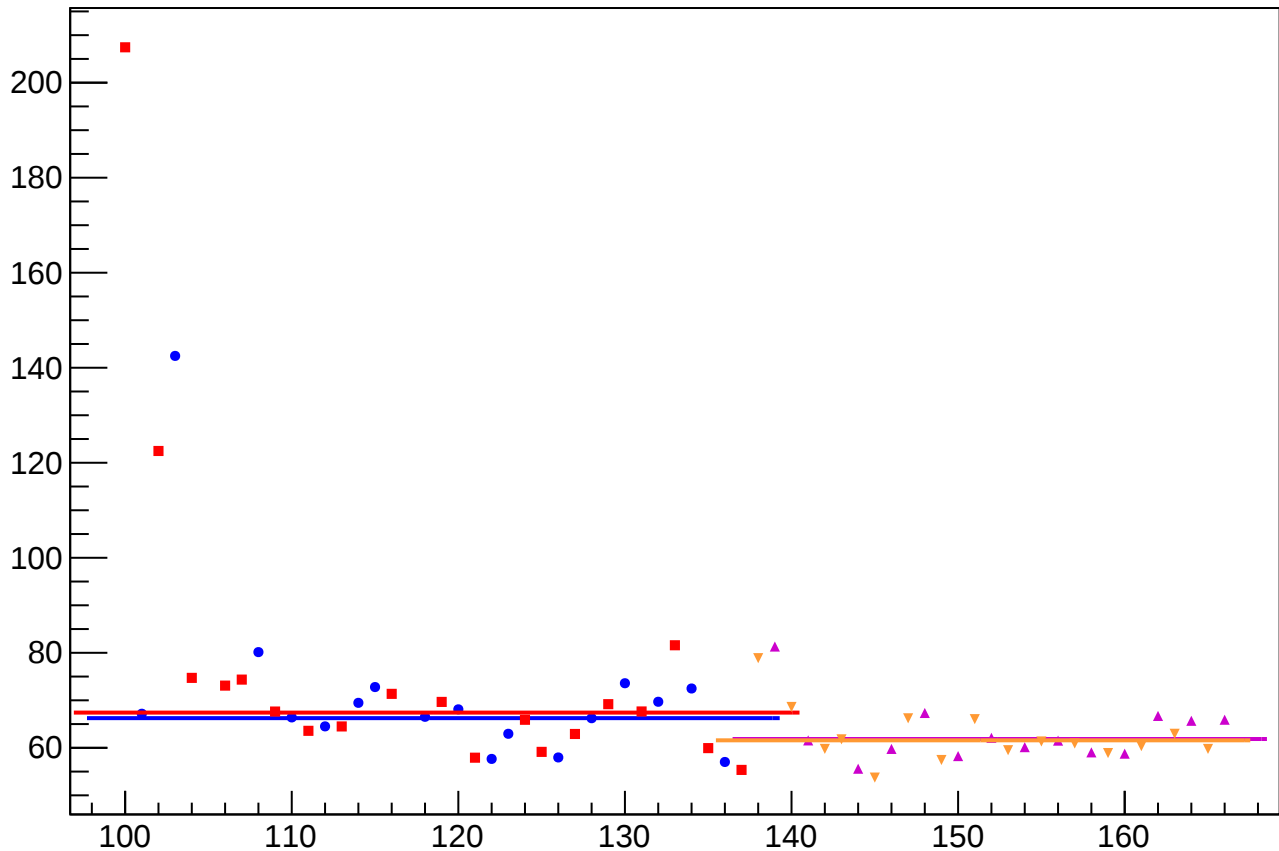
Left In: -60.597+/-18.887 χ^2/NDF : 16.4/13

+ sign 29.120+/-15.181 χ^2/NDF : 32.5/31

All: -14.896+/-10.778 χ^2/NDF : 84.3/64

- sign -59.635+/-15.305 χ^2/NDF : 34.8/32

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 66.247 ± 0.019 χ^2/NDF : 440944.2/16

Left Out: 61.579 ± 0.013 χ^2/NDF : 148822.4/14

Right Out: 67.415 ± 0.018 χ^2/NDF : 393608.5/18

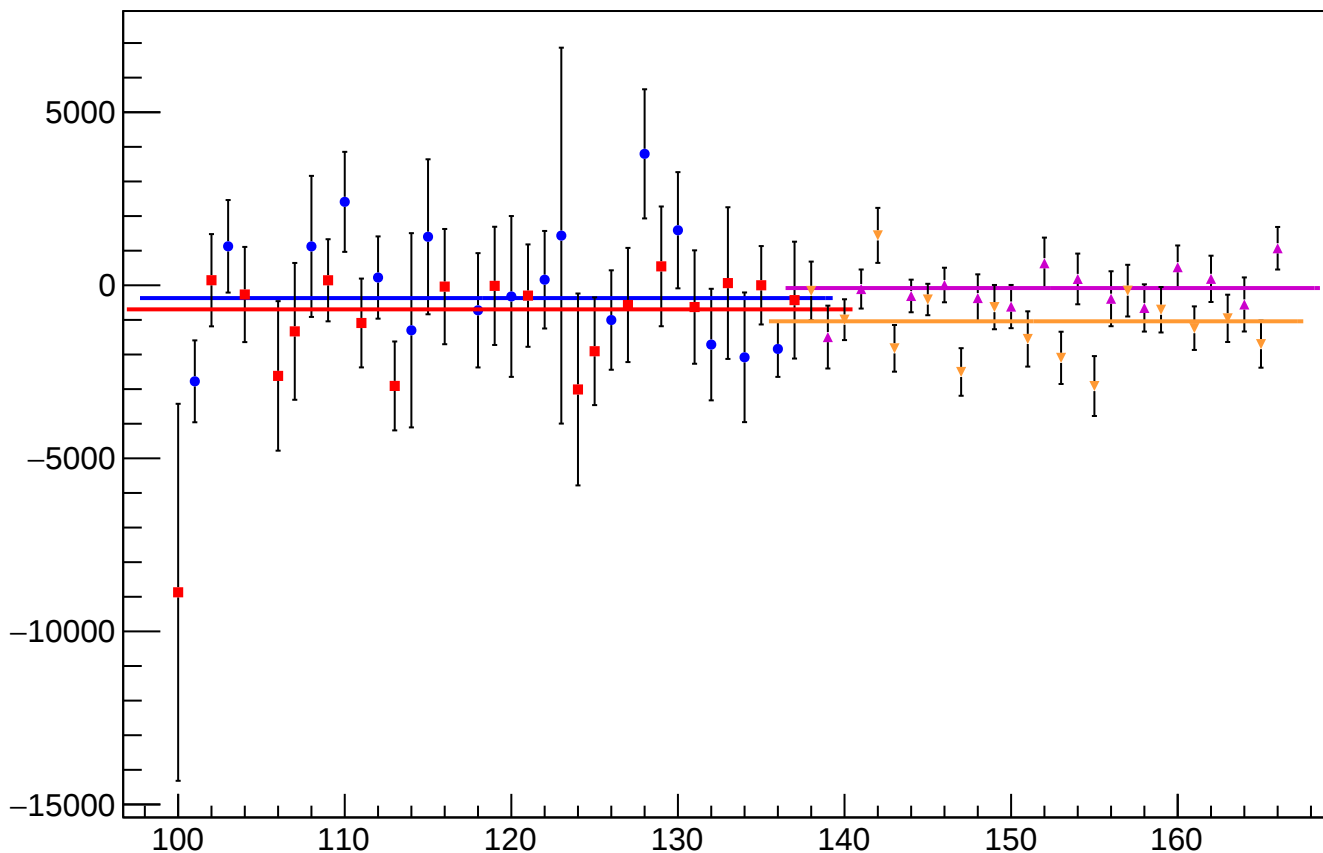
Left In: 61.857 ± 0.013 χ^2/NDF : 148697.9/13

+ sign 63.131 ± 0.011 χ^2/NDF : 631722.7/31

All: 63.445 ± 0.008 χ^2/NDF : 1235221.3/64

- sign 63.766 ± 0.011 χ^2/NDF : 601763.8/32

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -369.546 ± 366.432 χ^2/NDF : 22.3/16

Left Out: -1040.298 ± 173.933 χ^2/NDF : 28.8/14

Right Out: -695.425 ± 361.887 χ^2/NDF : 9.9/18

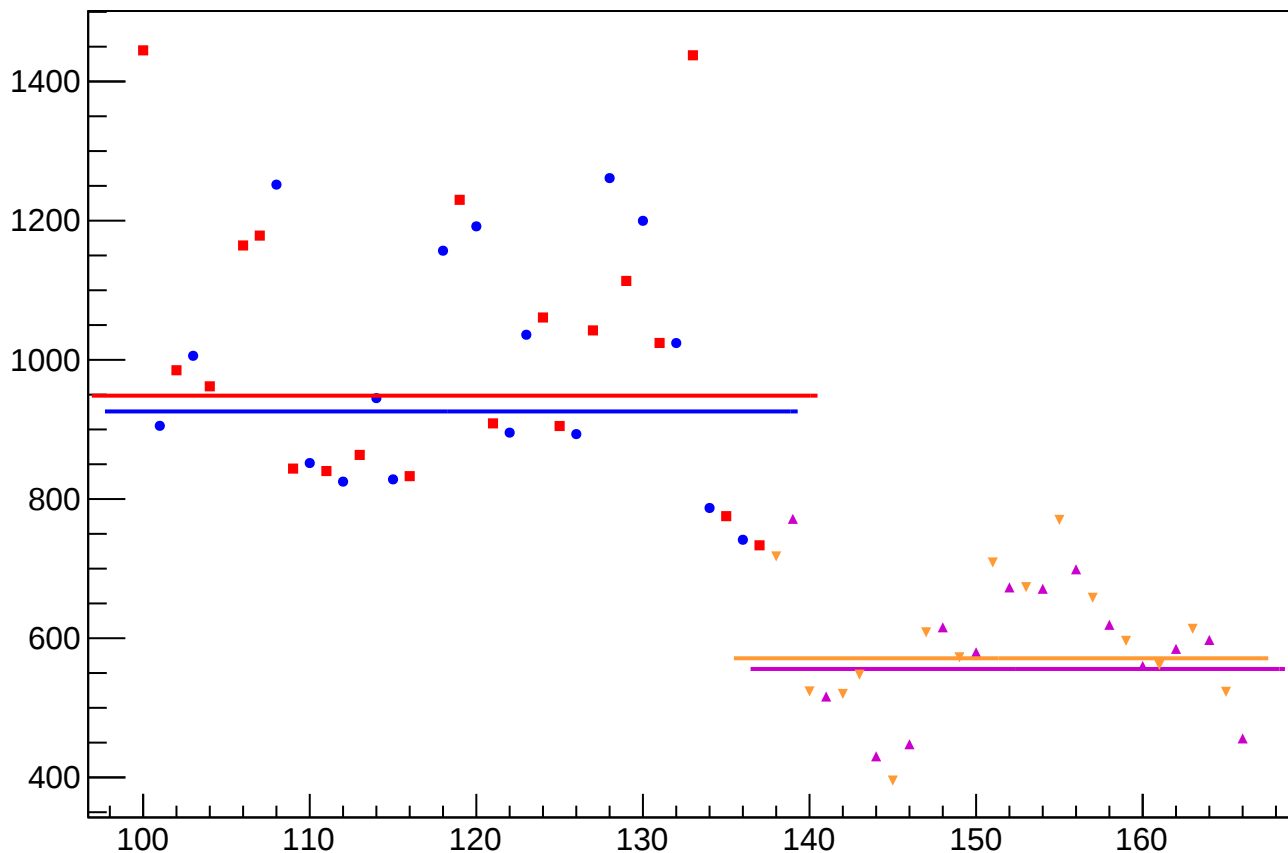
Left In: -79.859 ± 171.388 χ^2/NDF : 10.5/13

+ sign -916.961 ± 157.130 χ^2/NDF : 53.8/31

All: -549.607 ± 110.309 χ^2/NDF : 87.4/64

- sign -192.631 ± 154.895 χ^2/NDF : 22.8/32

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 925.885 $\pm$ 0.259 χ^2 /NDF: 391084.5/16

Left Out: 571.194 $\pm$ 0.123 χ^2 /NDF: 638882.2/14

Right Out: 948.553 $\pm$ 0.256 χ^2 /NDF: 381931.9/18

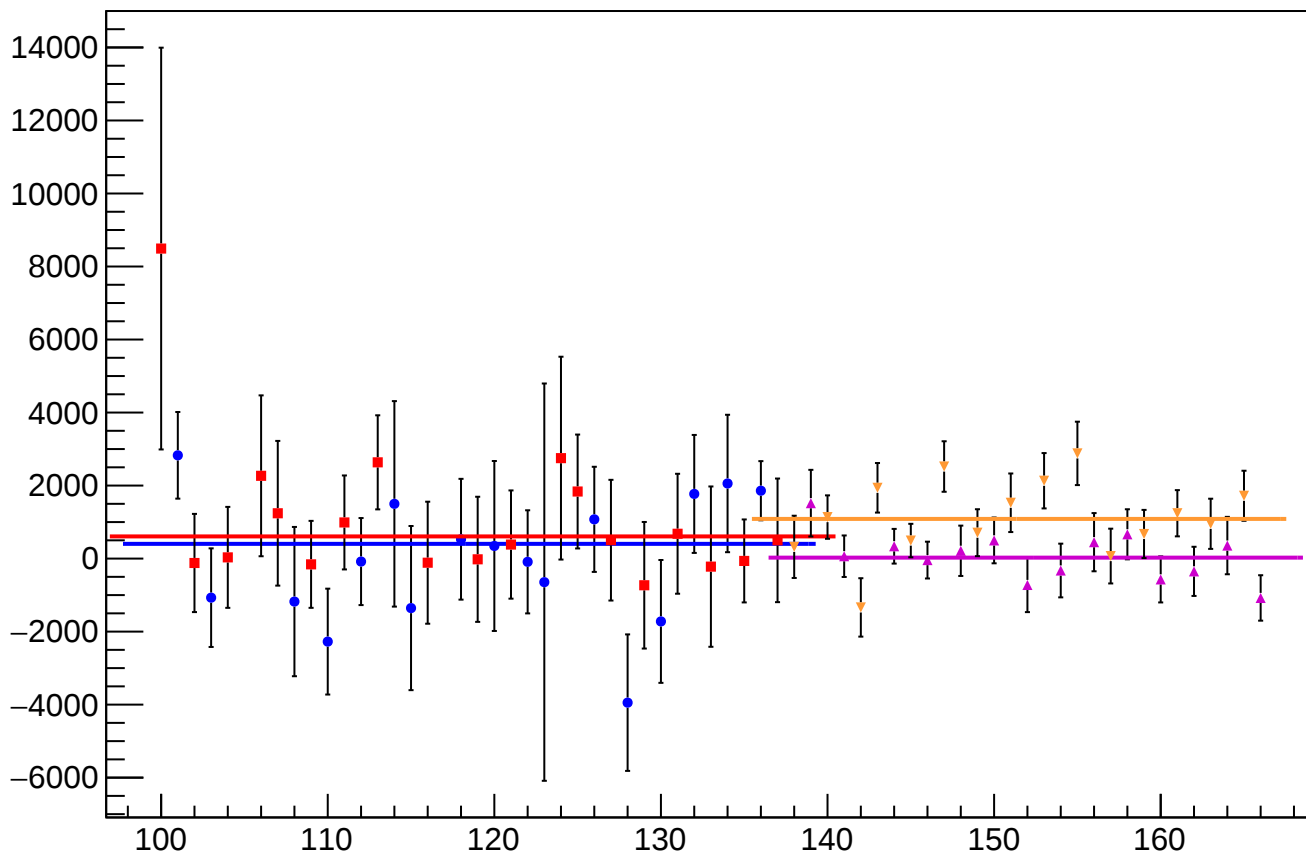
Left In: 555.817 $\pm$ 0.121 χ^2 /NDF: 620944.2/13

+ sign 636.414 $\pm$ 0.111 χ^2 /NDF: 2559283.4/31

All: 632.028 $\pm$ 0.078 χ^2 /NDF: 5489209.0/64

- sign 627.766 $\pm$ 0.110 χ^2 /NDF: 2926853.4/32

asym_sam_12345678_avg_mean vs Slug



Right In: 403.591+/-367.686 χ^2/NDF : 22.4/16

Left Out: 1086.630+/-175.043 χ^2/NDF : 27.6/14

Right Out: 607.276+/-363.327 χ^2/NDF : 8.8/18

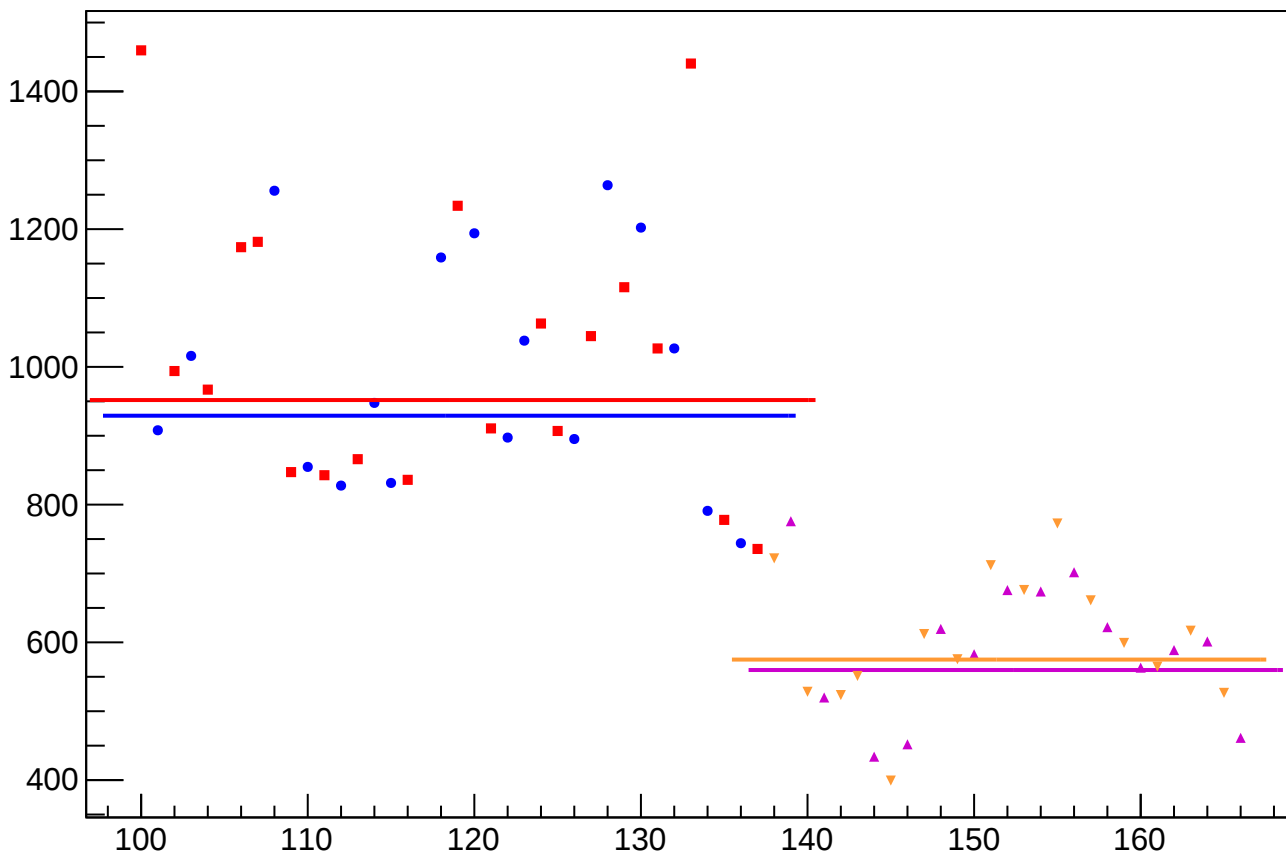
Left In: 25.946+/-172.570 χ^2/NDF : 10.7/13

+ sign 960.428+/-158.047 χ^2/NDF : 52.8/31

All: 540.978+/-110.982 χ^2/NDF : 88.3/64

- sign 132.952+/-155.880 χ^2/NDF : 21.6/32

asym_sam_12345678_avg_rms vs Slug



Right In: 929.096+/-0.260 χ^2/NDF : 390292.1/16

Left Out: 575.002+/-0.124 χ^2/NDF : 626468.6/14

Right Out: 951.847+/-0.257 χ^2/NDF : 382219.3/18

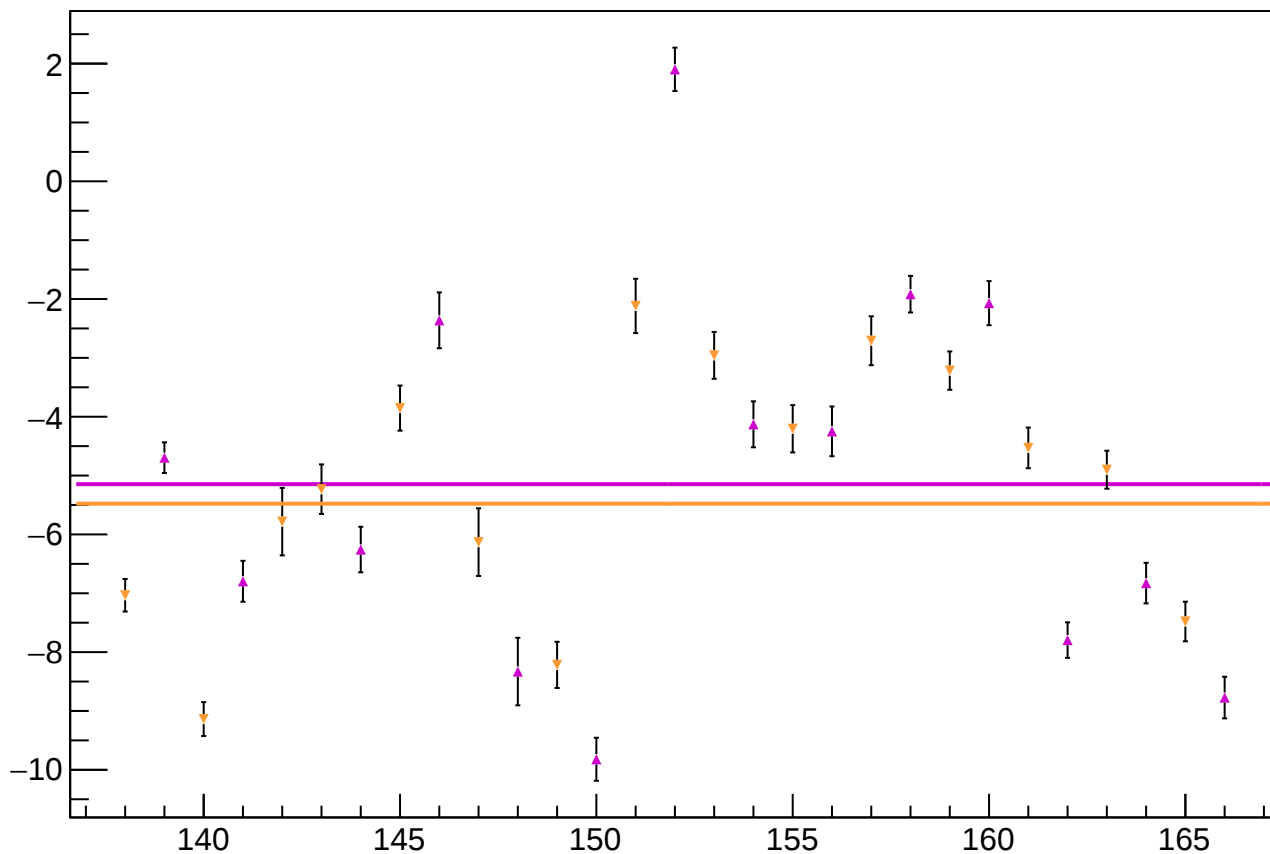
Left In: 559.840+/-0.122 χ^2/NDF : 607402.4/13

+ sign 640.426+/-0.112 χ^2/NDF : 2528919.4/31

All: 636.153+/-0.078 χ^2/NDF : 5421071.1/64

- sign 631.997+/-0.110 χ^2/NDF : 2889268.0/32

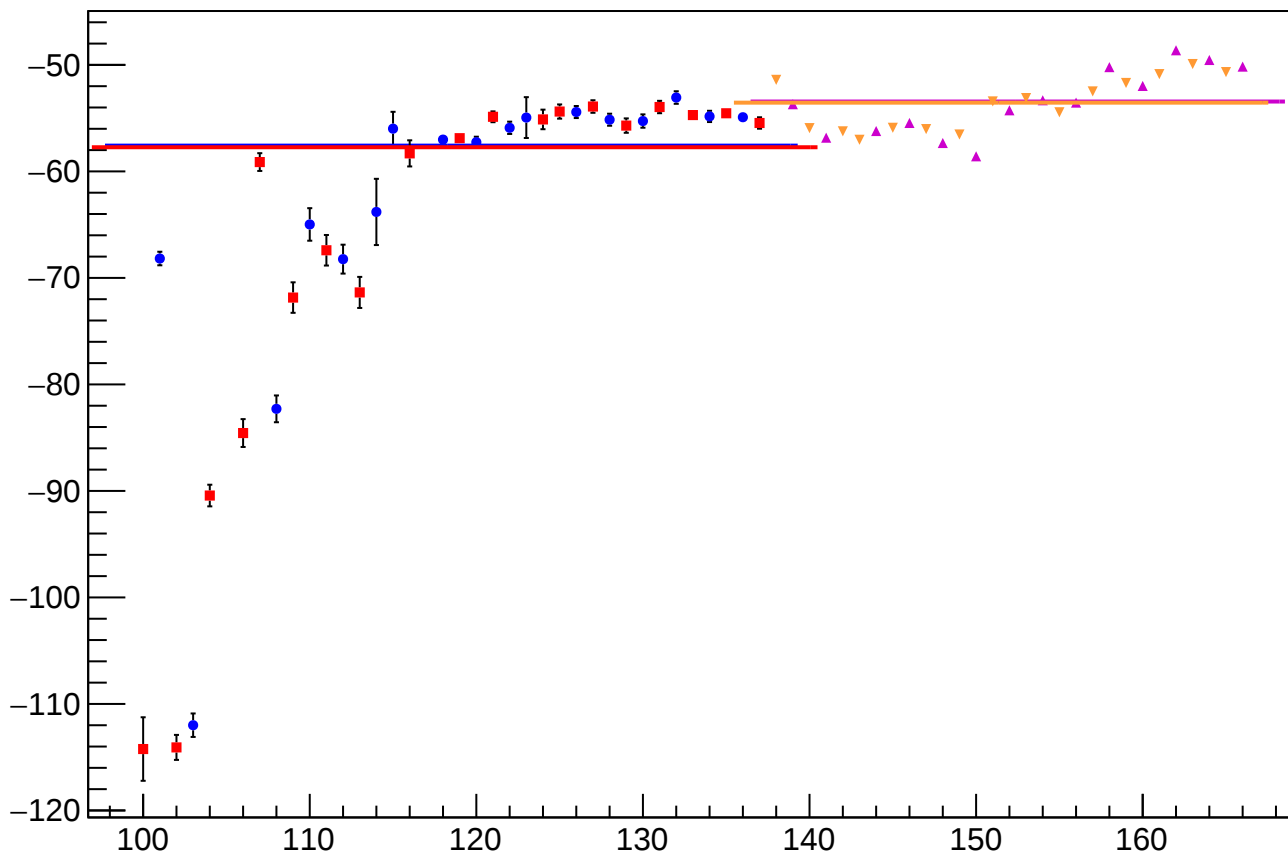
reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.478+/-0.096 χ^2/NDF : 503.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.146+/-0.096 χ^2/NDF : 1021.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.312+/-0.068 χ^2/NDF : 1530.6/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.581 ± 0.143 χ^2/NDF : 3455.5/16

Left Out: -53.546 ± 0.071 χ^2/NDF : 1135.0/14

Right Out: -57.732 ± 0.143 χ^2/NDF : 4698.5/18

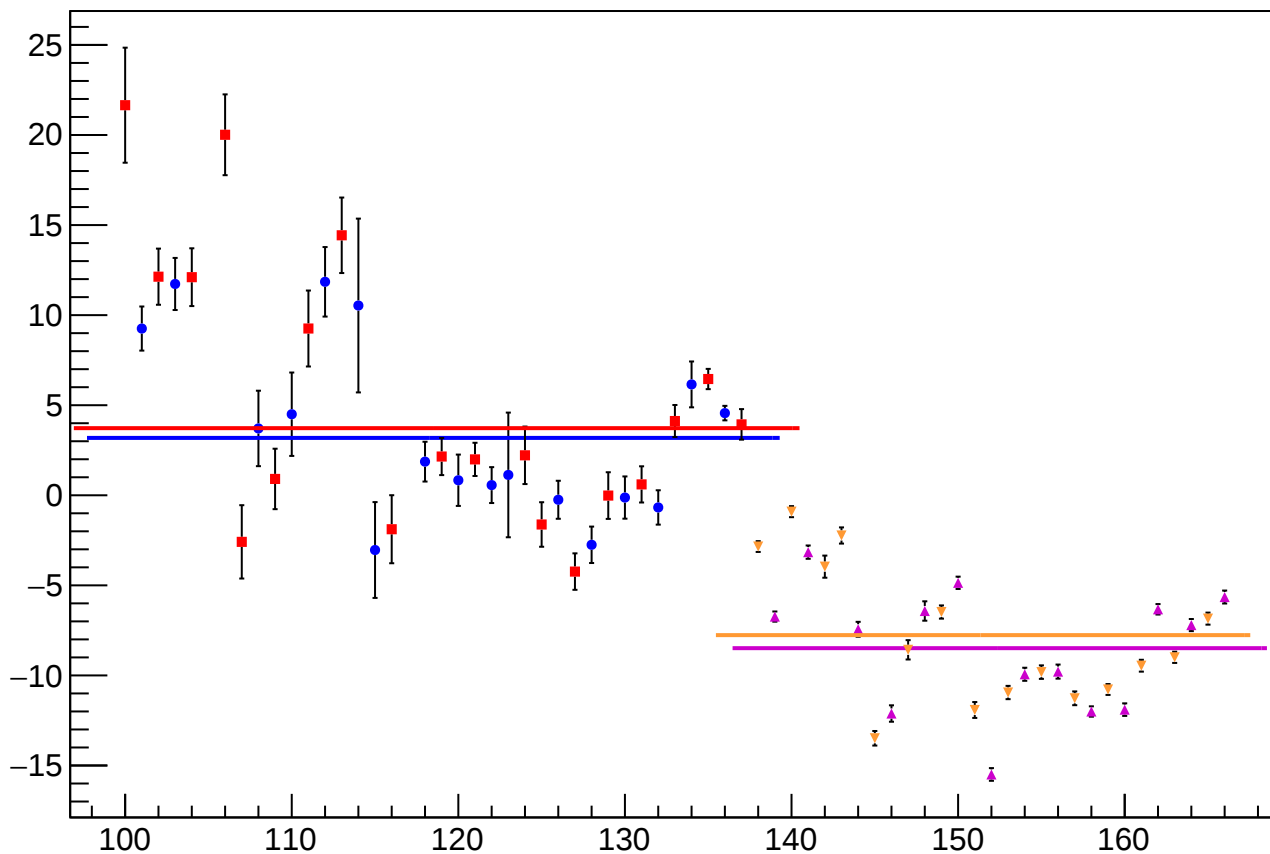
Left In: -53.441 ± 0.073 χ^2/NDF : 1880.7/13

+ sign -54.343 ± 0.064 χ^2/NDF : 5229.0/31

All: -54.337 ± 0.046 χ^2/NDF : 12522.3/64

- sign -54.331 ± 0.065 χ^2/NDF : 7293.3/32

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.185+/-0.259 χ^2/NDF : 185.8/16

Left Out: -7.763+/-0.094 χ^2/NDF :1598.6/14

Right Out: 3.726+/-0.268 χ^2/NDF : 324.1/18

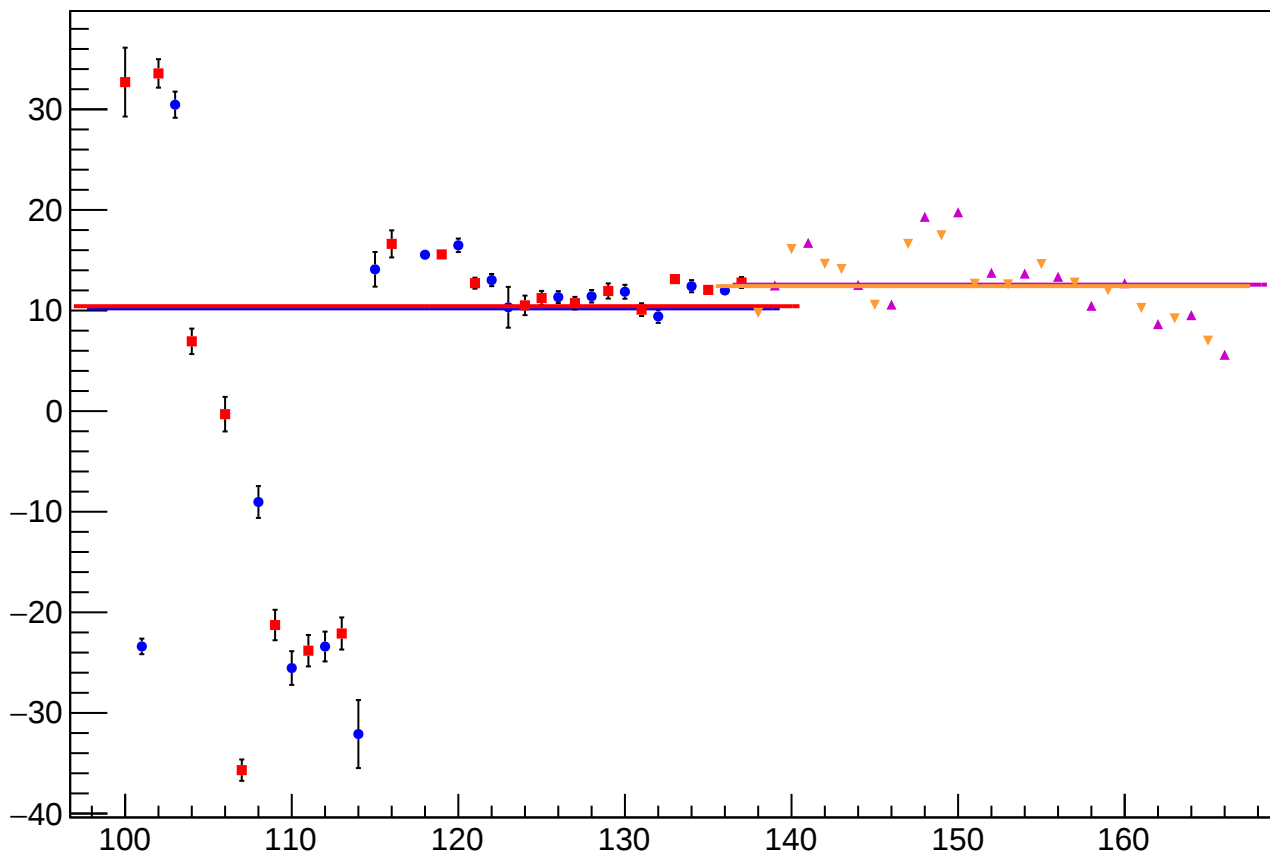
Left In: -8.487+/-0.094 χ^2/NDF :1243.8/13

+ sign -6.479+/-0.089 χ^2/NDF : 3361.7/31

All: -6.814+/-0.063 χ^2/NDF : 6813.6/64

- sign -7.148+/-0.089 χ^2/NDF : 3423.4/32

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.215 $\pm$ 0.158 χ^2 /NDF: 3692.6/16

Left Out: 12.427 $\pm$ 0.081 χ^2 /NDF:1270.1/14

Right Out: 10.430 $\pm$ 0.160 χ^2 /NDF: 3826.9/18

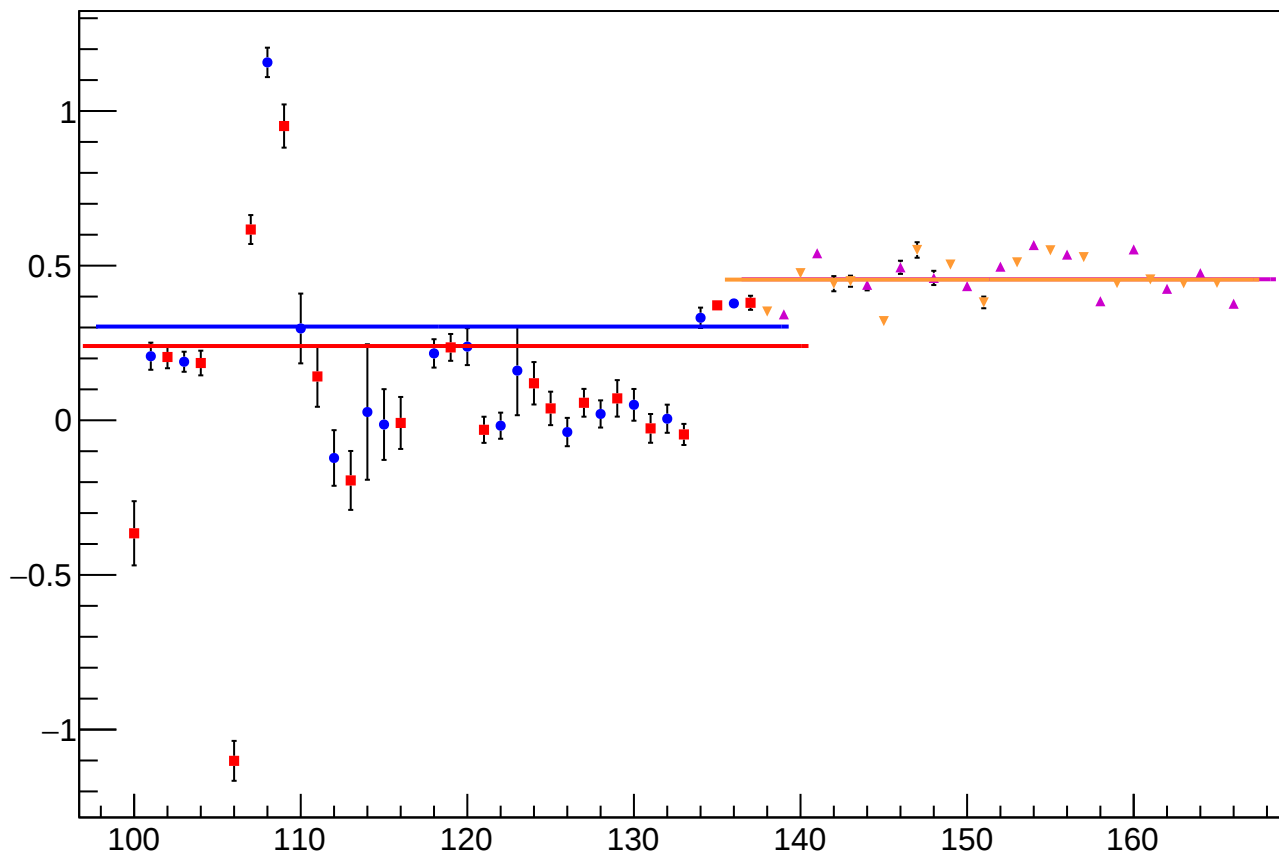
Left In: 12.573 $\pm$ 0.082 χ^2 /NDF:2005.1/13

+ sign 11.968 $\pm$ 0.072 χ^2 /NDF: 5118.0/31

All: 12.045 $\pm$ 0.051 χ^2 /NDF: 11094.0/64

- sign 12.124 $\pm$ 0.073 χ^2 /NDF: 5973.7/32

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.3/16

Left Out: 0.455 $\pm$ 0.004 χ^2 /NDF: 299.7/14

Right Out: 0.240 $\pm$ 0.009 χ^2 /NDF: 984.4/18

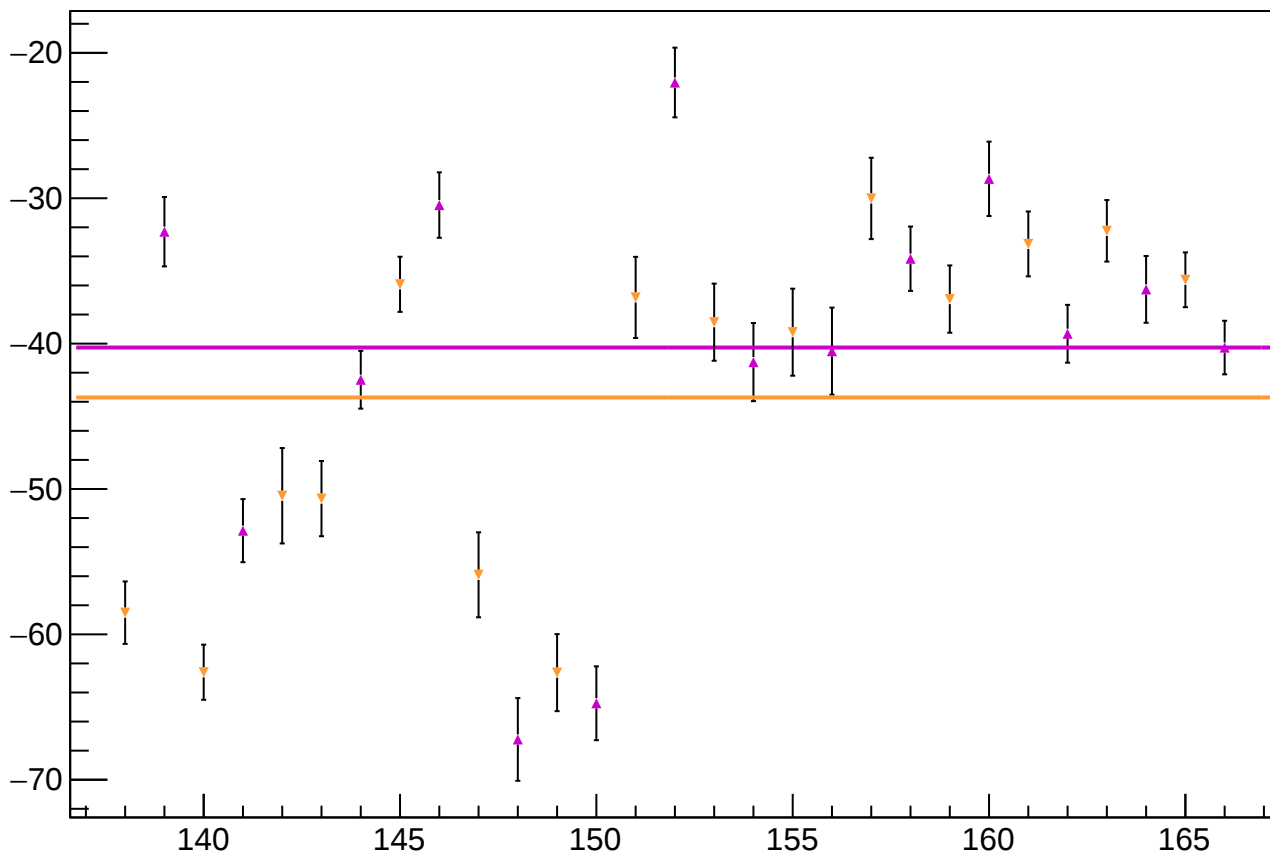
Left In: 0.456 $\pm$ 0.004 χ^2 /NDF: 431.1/13

+ sign 0.430 $\pm$ 0.003 χ^2 /NDF: 1231.0/31

All: 0.426 $\pm$ 0.002 χ^2 /NDF: 3191.4/64

- sign 0.423 $\pm$ 0.003 χ^2 /NDF: 1958.3/32

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -43.705+/-0.611 χ^2/NDF : 358.5/14

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

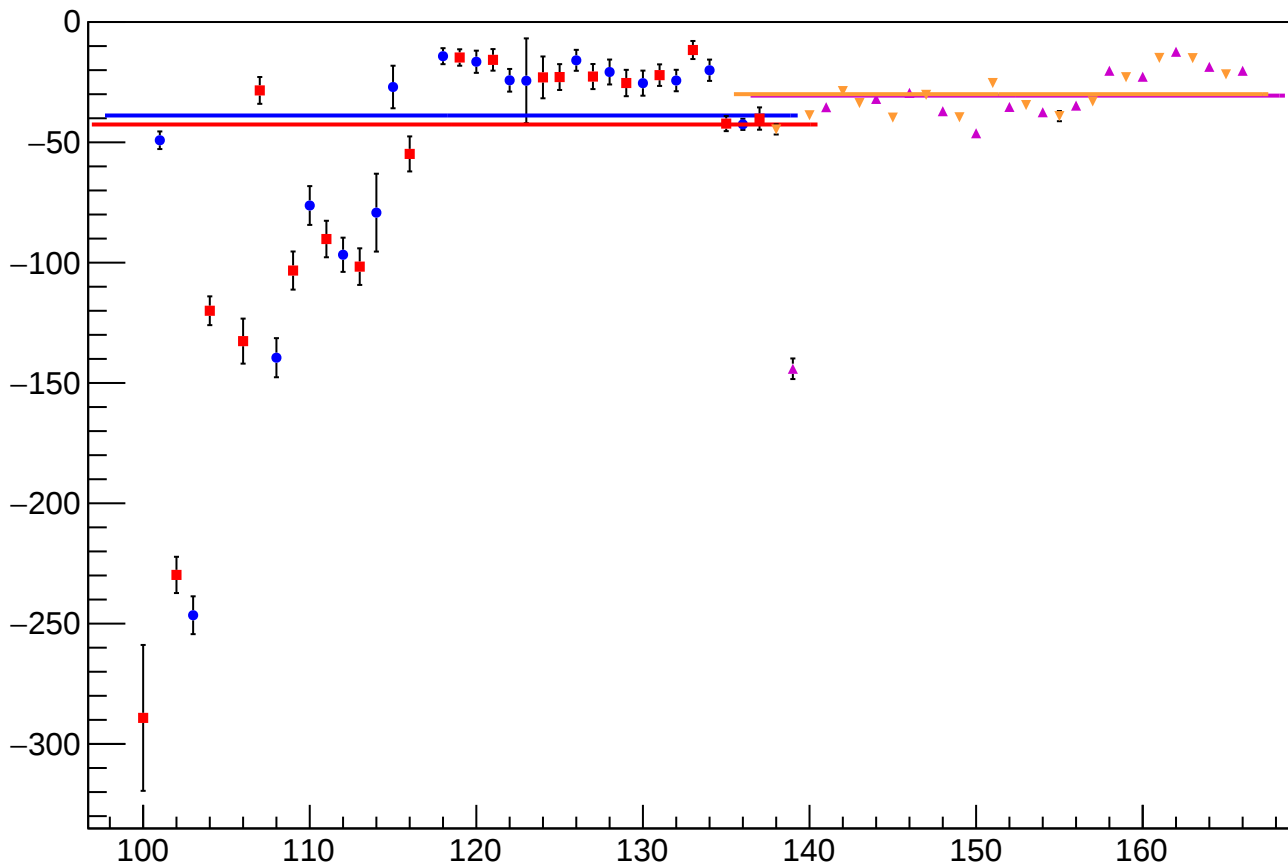
Left In: -40.270+/-0.616 χ^2/NDF : 337.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.001+/-0.434 χ^2/NDF : 711.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.844 ± 1.148 χ^2/NDF : 1121.9/16

Left Out: -29.982 ± 0.438 χ^2/NDF : 418.7/14

Right Out: -42.586 ± 1.210 χ^2/NDF : 1345.7/18

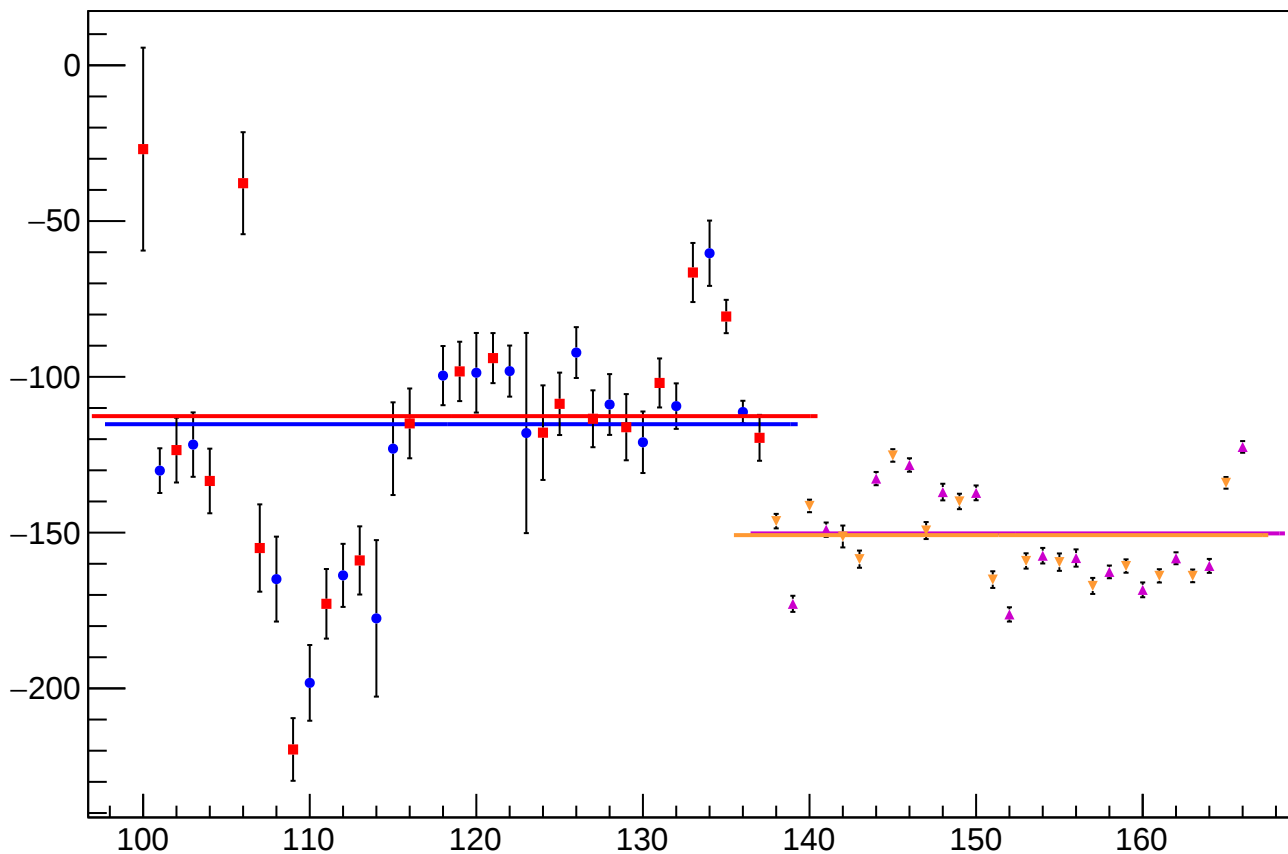
Left In: -30.587 ± 0.447 χ^2/NDF : 1121.8/13

+ sign -31.107 ± 0.409 χ^2/NDF : 1592.6/31

All: -31.555 ± 0.293 χ^2/NDF : 4149.0/64

- sign -32.026 ± 0.419 χ^2/NDF : 2553.9/32

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.199 ± 2.081 $\chi^2/\text{NDF}: 140.8/16$

Left Out: -150.803 ± 0.605 $\chi^2/\text{NDF}: 483.0/14$

Right Out: -112.611 ± 2.209 $\chi^2/\text{NDF}: 272.4/18$

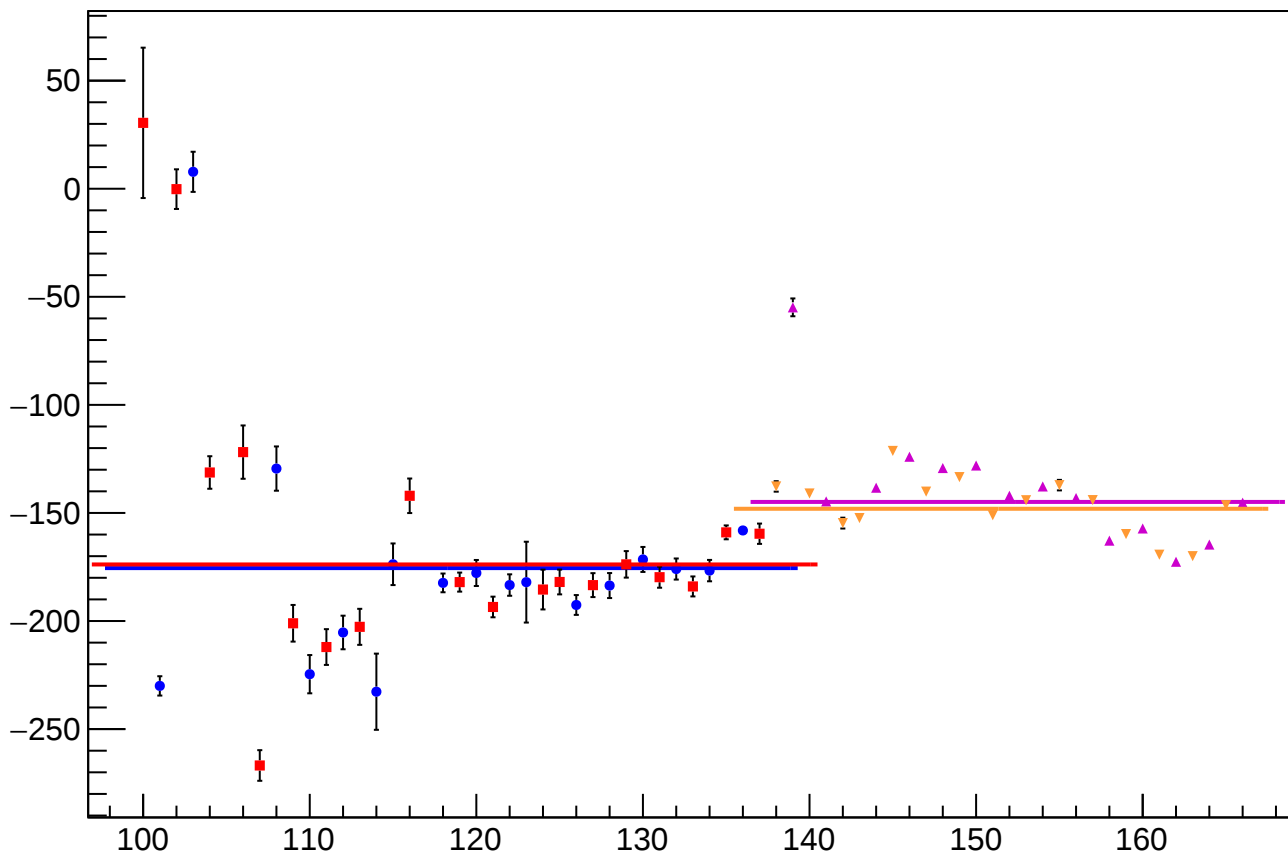
Left In: -150.252 ± 0.604 $\chi^2/\text{NDF}: 801.5/13$

+ sign -148.028 ± 0.581 $\chi^2/\text{NDF}: 893.5/31$

All: -147.833 ± 0.411 $\chi^2/\text{NDF}: 2237.8/64$

- sign -147.638 ± 0.582 $\chi^2/\text{NDF}: 1344.0/32$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.521 ± 1.277 χ^2/NDF : 692.3/16

Left Out: -148.069 ± 0.506 χ^2/NDF : 751.1/14

Right Out: -173.830 ± 1.357 χ^2/NDF : 737.9/18

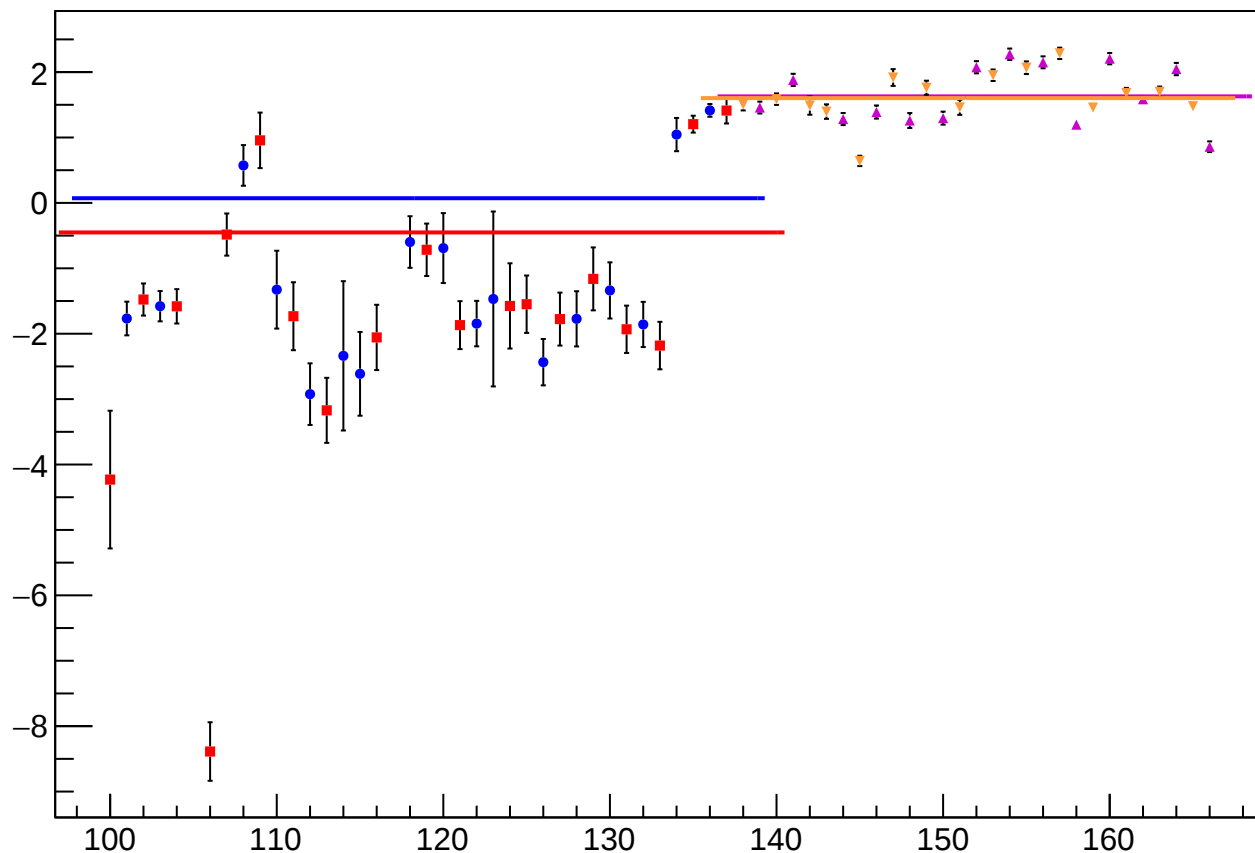
Left In: -144.904 ± 0.514 χ^2/NDF : 1330.9/13

+ sign -151.799 ± 0.471 χ^2/NDF : 1842.7/31

All: -150.201 ± 0.336 χ^2/NDF : 4332.6/64

- sign -148.535 ± 0.481 χ^2/NDF : 2466.4/32

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.072 ± 0.067 χ^2/NDF : 525.2/16

Left Out: 1.602 ± 0.024 χ^2/NDF : 271.8/14

Right Out: -0.451 ± 0.071 χ^2/NDF : 751.3/18

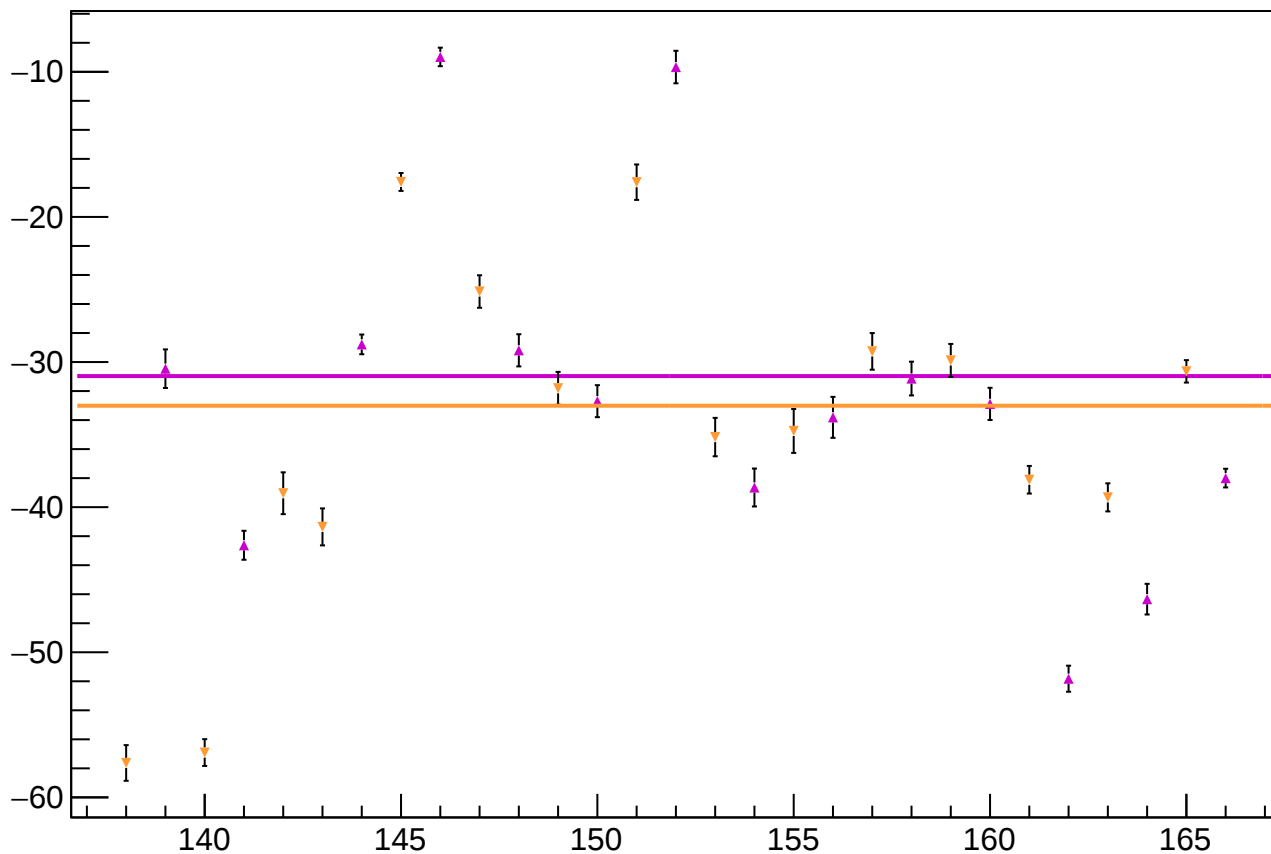
Left In: 1.629 ± 0.024 χ^2/NDF : 348.6/13

+ sign 1.432 ± 0.022 χ^2/NDF : 1259.1/31

All: 1.426 ± 0.016 χ^2/NDF : 3123.6/64

- sign 1.419 ± 0.023 χ^2/NDF : 1864.4/32

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -33.009+/-0.267 χ^2/NDF : 2067.6/14

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

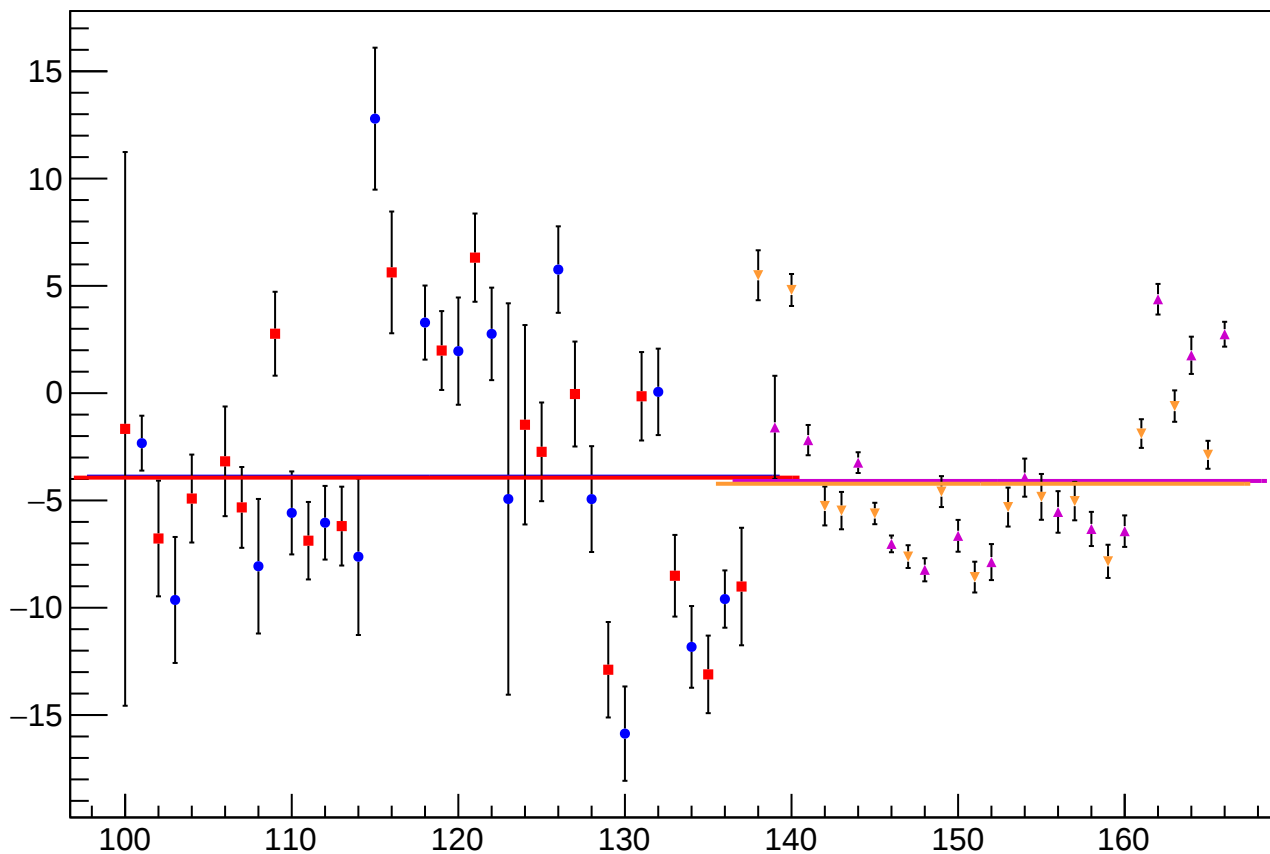
Left In: -30.967+/-0.251 χ^2/NDF : 2611.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.928+/-0.183 χ^2/NDF : 4709.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.890 ± 0.498 χ^2/NDF : 160.5/16

Left Out: -4.222 ± 0.189 χ^2/NDF : 370.9/14

Right Out: -3.937 ± 0.507 χ^2/NDF : 122.2/18

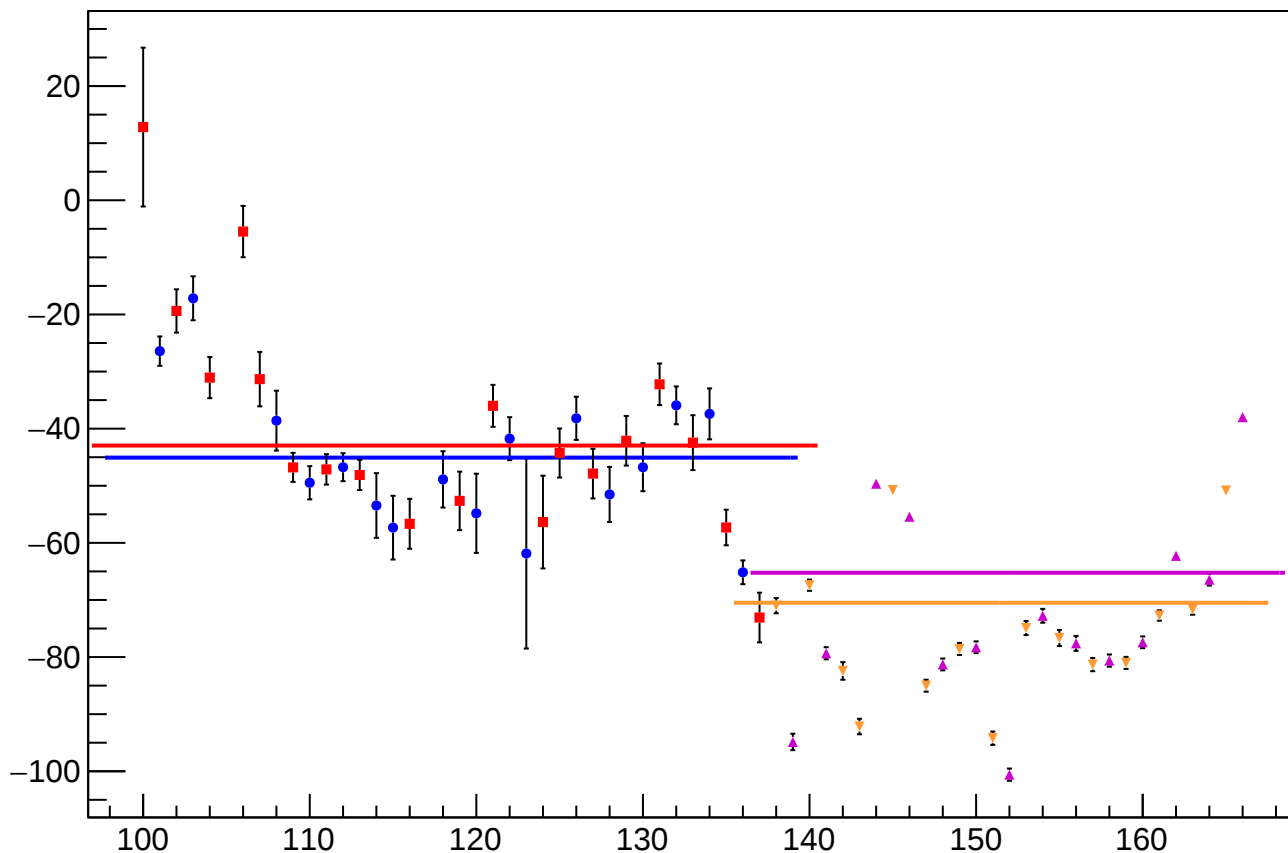
Left In: -4.092 ± 0.178 χ^2/NDF : 505.1/13

+ sign -4.181 ± 0.177 χ^2/NDF : 531.8/31

All: -4.125 ± 0.122 χ^2/NDF : 1159.3/64

- sign -4.075 ± 0.168 χ^2/NDF : 627.3/32

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.070 ± 0.883 χ^2/NDF : 229.7/16

Left Out: -70.488 ± 0.265 χ^2/NDF : 2776.3/14

Right Out: -42.959 ± 0.878 χ^2/NDF : 248.3/18

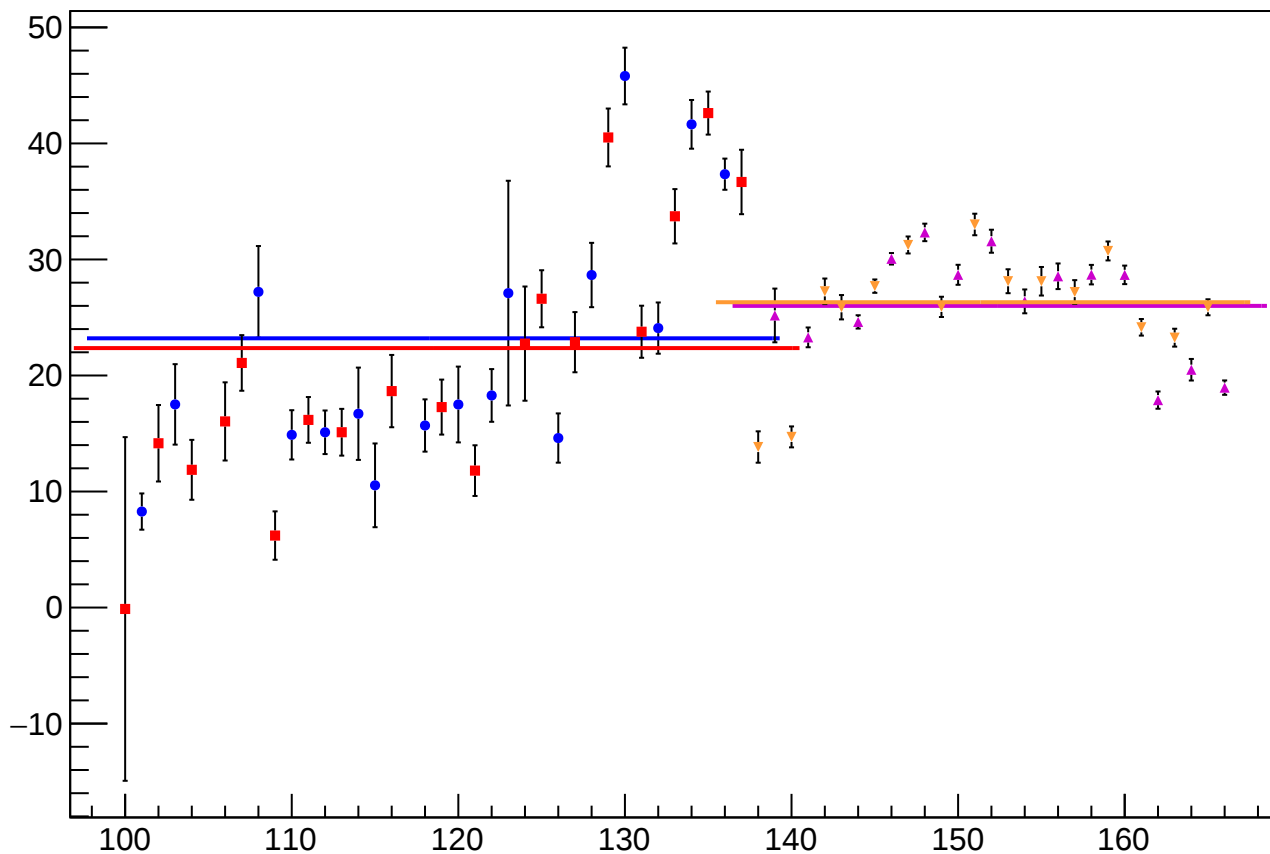
Left In: -65.236 ± 0.247 χ^2/NDF : 5017.7/13

+ sign -68.395 ± 0.253 χ^2/NDF : 3765.8/31

All: -65.847 ± 0.174 χ^2/NDF : 9818.8/64

- sign -63.596 ± 0.238 χ^2/NDF : 5862.5/32

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.205 $\pm$ 0.559 χ^2 /NDF: 457.3/16

Left Out: 26.315 $\pm$ 0.220 χ^2 /NDF: 415.5/14

Right Out: 22.361 $\pm$ 0.573 χ^2 /NDF: 366.9/18

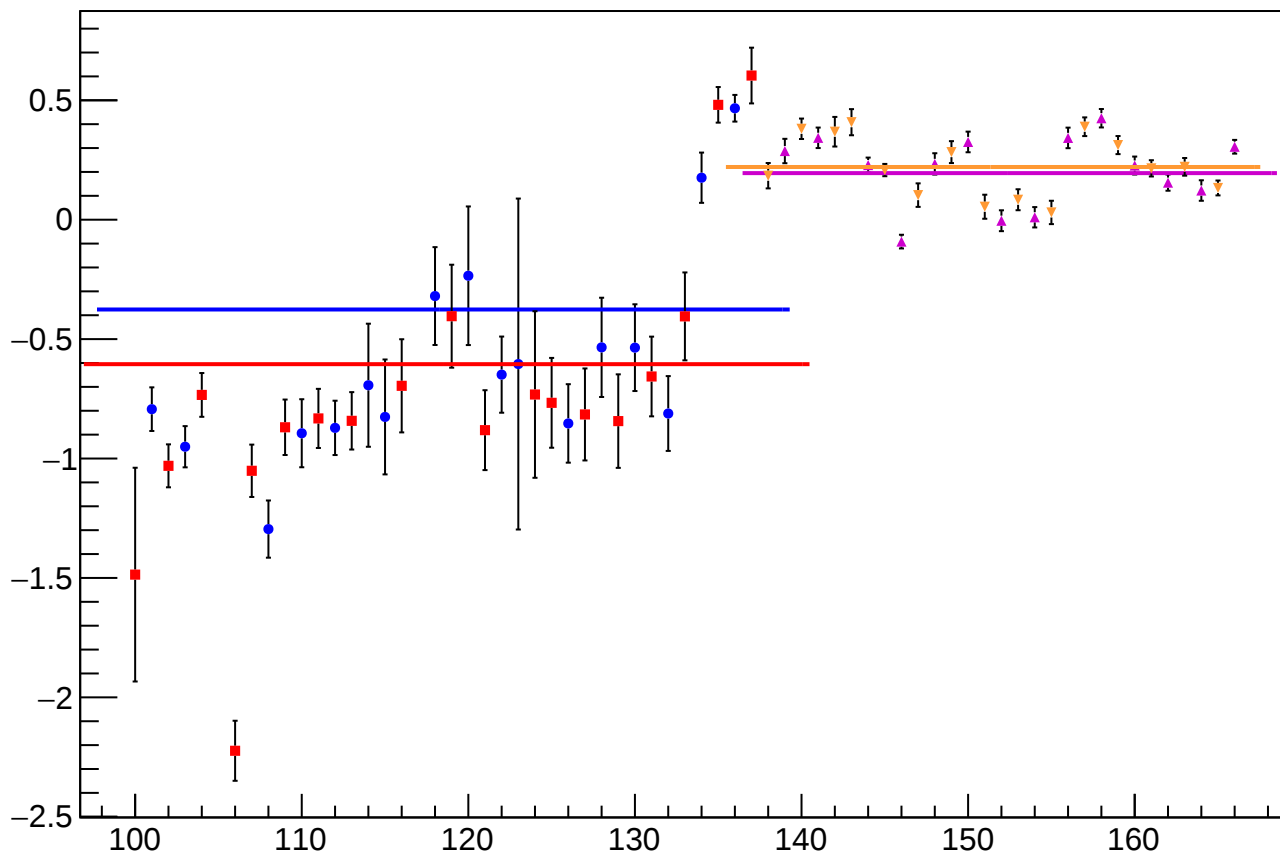
Left In: 25.999 $\pm$ 0.208 χ^2 /NDF: 505.2/13

+ sign 25.897 $\pm$ 0.205 χ^2 /NDF: 899.6/31

All: 25.729 $\pm$ 0.141 χ^2 /NDF: 1808.6/64

- sign 25.575 $\pm$ 0.195 χ^2 /NDF: 907.7/32

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.376 ± 0.030 $\chi^2/\text{NDF}: 437.3/16$

Left Out: 0.221 ± 0.010 $\chi^2/\text{NDF}: 107.9/14$

Right Out: -0.605 ± 0.030 $\chi^2/\text{NDF}: 551.1/18$

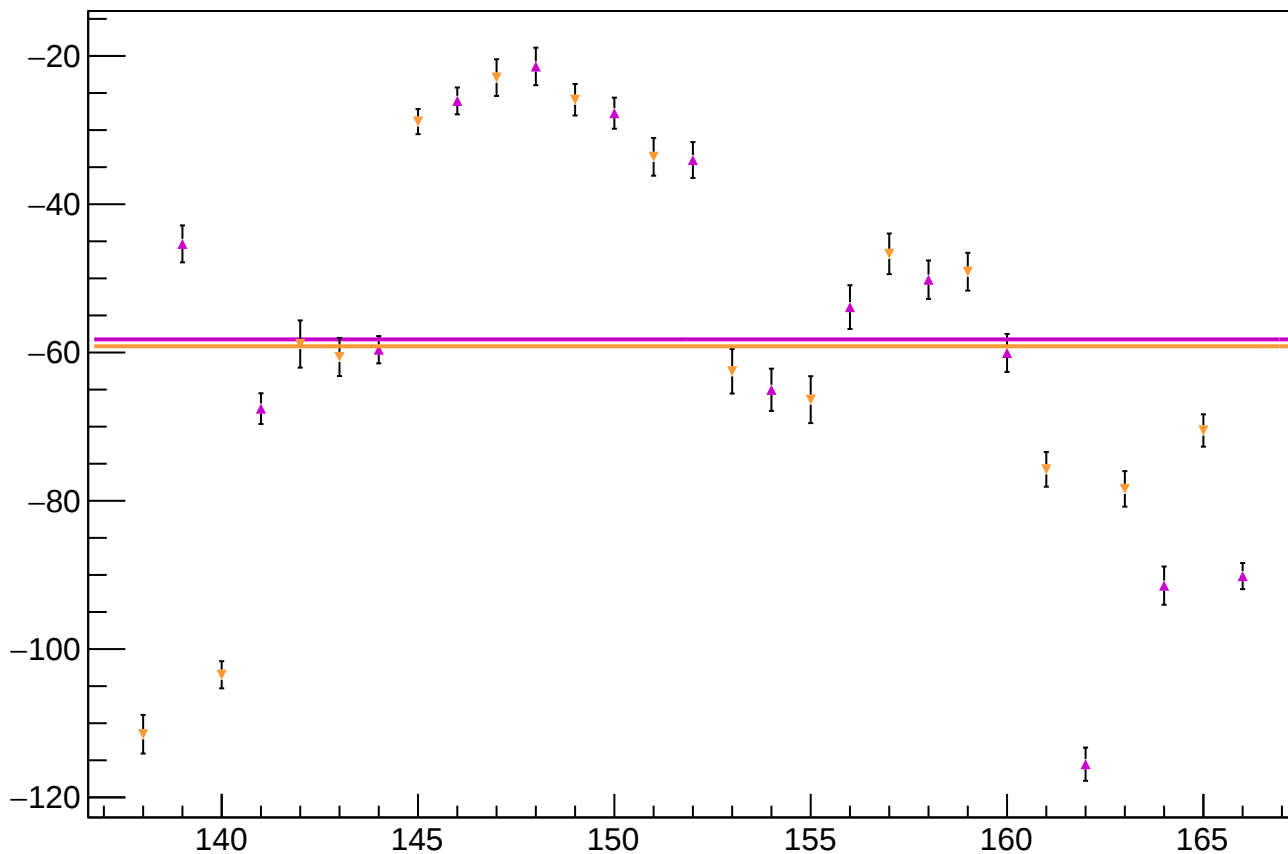
Left In: 0.195 ± 0.010 $\chi^2/\text{NDF}: 232.8/13$

+ sign 0.157 ± 0.010 $\chi^2/\text{NDF}: 895.6/31$

All: 0.135 ± 0.007 $\chi^2/\text{NDF}: 2319.2/64$

- sign 0.115 ± 0.010 $\chi^2/\text{NDF}: 1414.3/32$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -59.158+/-0.614 χ^2/NDF : 2052.6/14

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

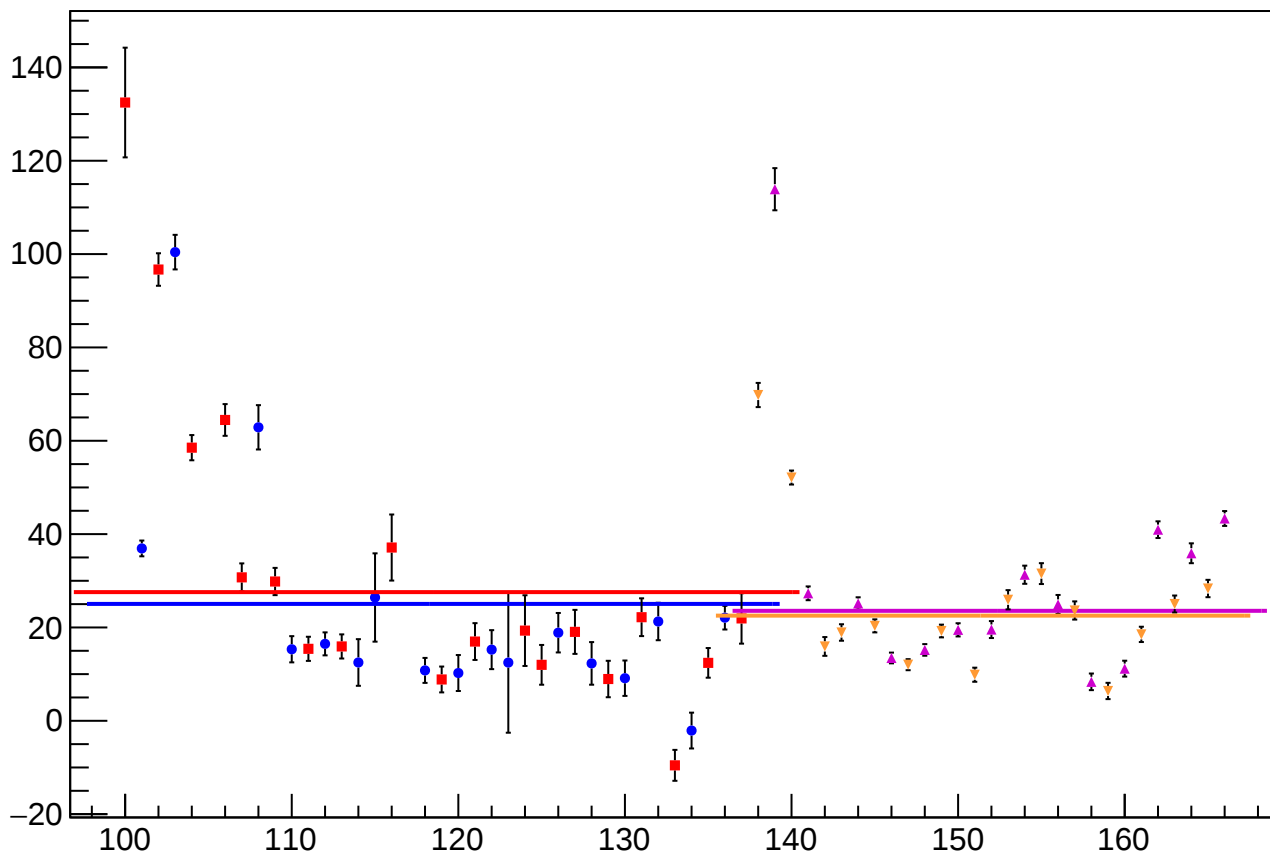
Left In: -58.227+/-0.602 χ^2/NDF : 2053.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.683+/-0.430 χ^2/NDF : 4107.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.045 $\pm$ 0.806 χ^2 /NDF: 686.4/16

Left Out: 22.534 $\pm$ 0.432 χ^2 /NDF: 1016.6/14

Right Out: 27.573 $\pm$ 0.810 χ^2 /NDF: 1012.8/18

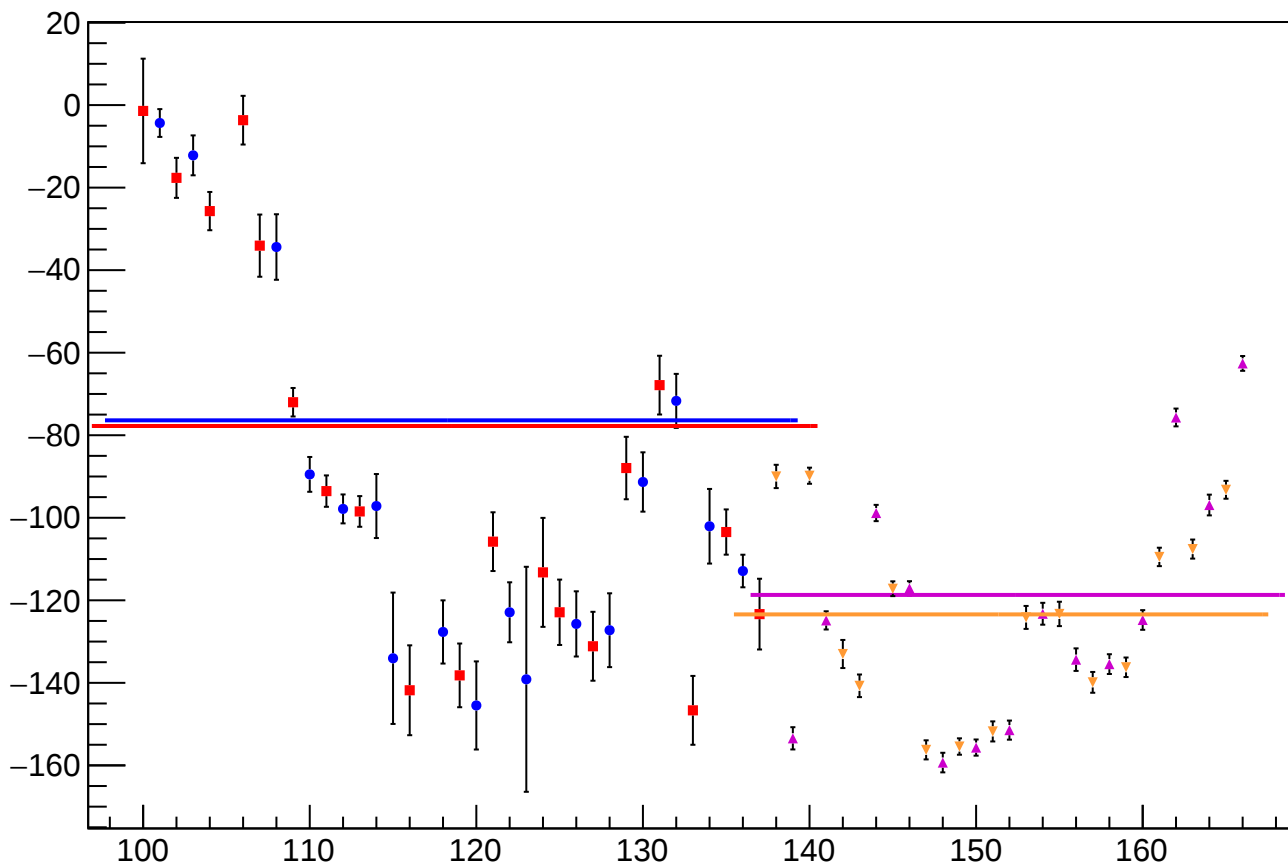
Left In: 23.565 $\pm$ 0.431 χ^2 /NDF: 967.8/13

+ sign 23.094 $\pm$ 0.381 χ^2 /NDF: 1710.6/31

All: 23.773 $\pm$ 0.269 χ^2 /NDF: 3716.5/64

- sign 24.450 $\pm$ 0.381 χ^2 /NDF: 1999.6/32

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.392 ± 1.416 χ^2/NDF : 1031.9/16

Left Out: -123.414 ± 0.608 χ^2/NDF : 1445.6/14

Right Out: -77.761 ± 1.353 χ^2/NDF : 872.7/18

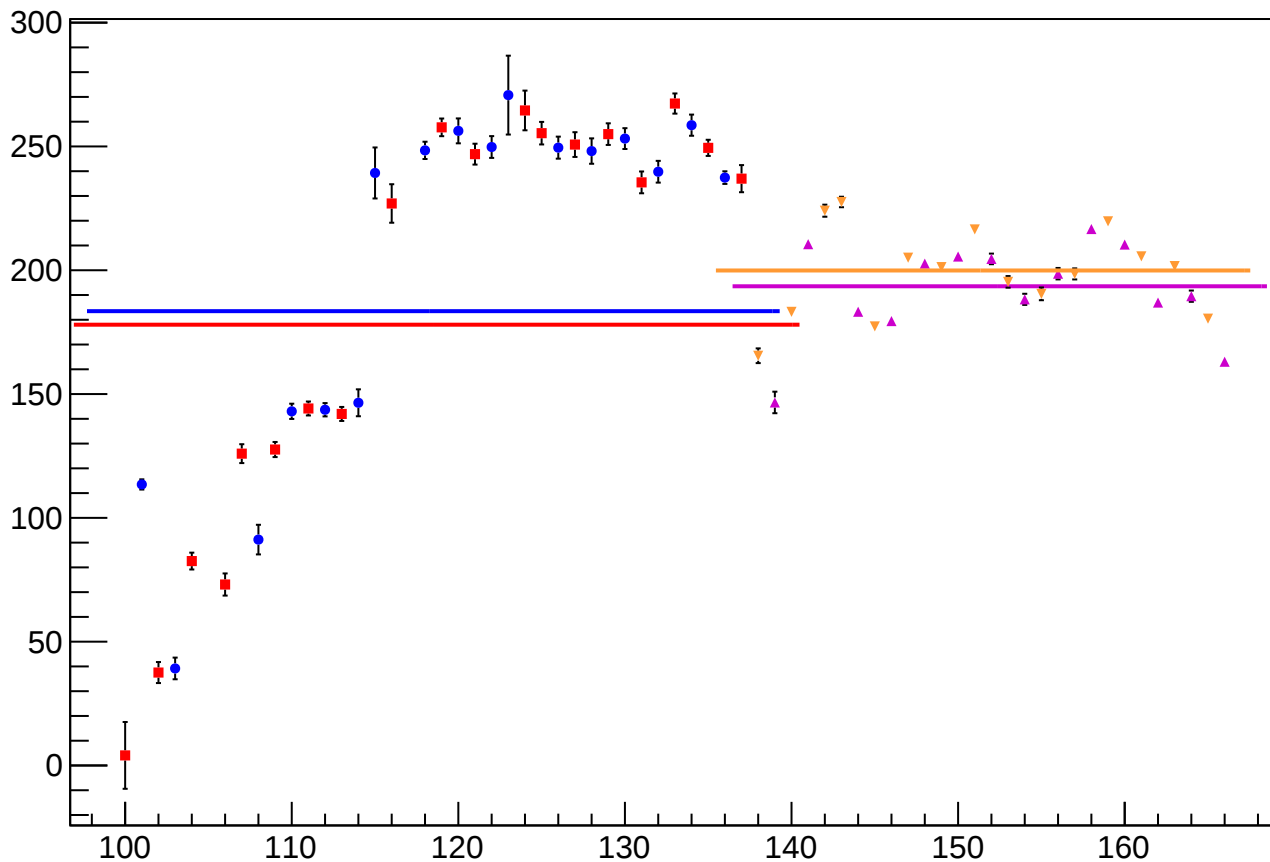
Left In: -118.696 ± 0.591 χ^2/NDF : 2667.5/13

+ sign -116.106 ± 0.558 χ^2/NDF : 3408.6/31

All: -114.063 ± 0.389 χ^2/NDF : 7743.8/64

- sign -112.143 ± 0.541 χ^2/NDF : 4309.2/32

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.478 $\pm$ 0.919 χ^2 /NDF: 5331.4/16

Left Out: 199.906 $\pm$ 0.506 χ^2 /NDF:1013.9/14

Right Out: 178.011 $\pm$ 0.924 χ^2 /NDF: 6345.7/18

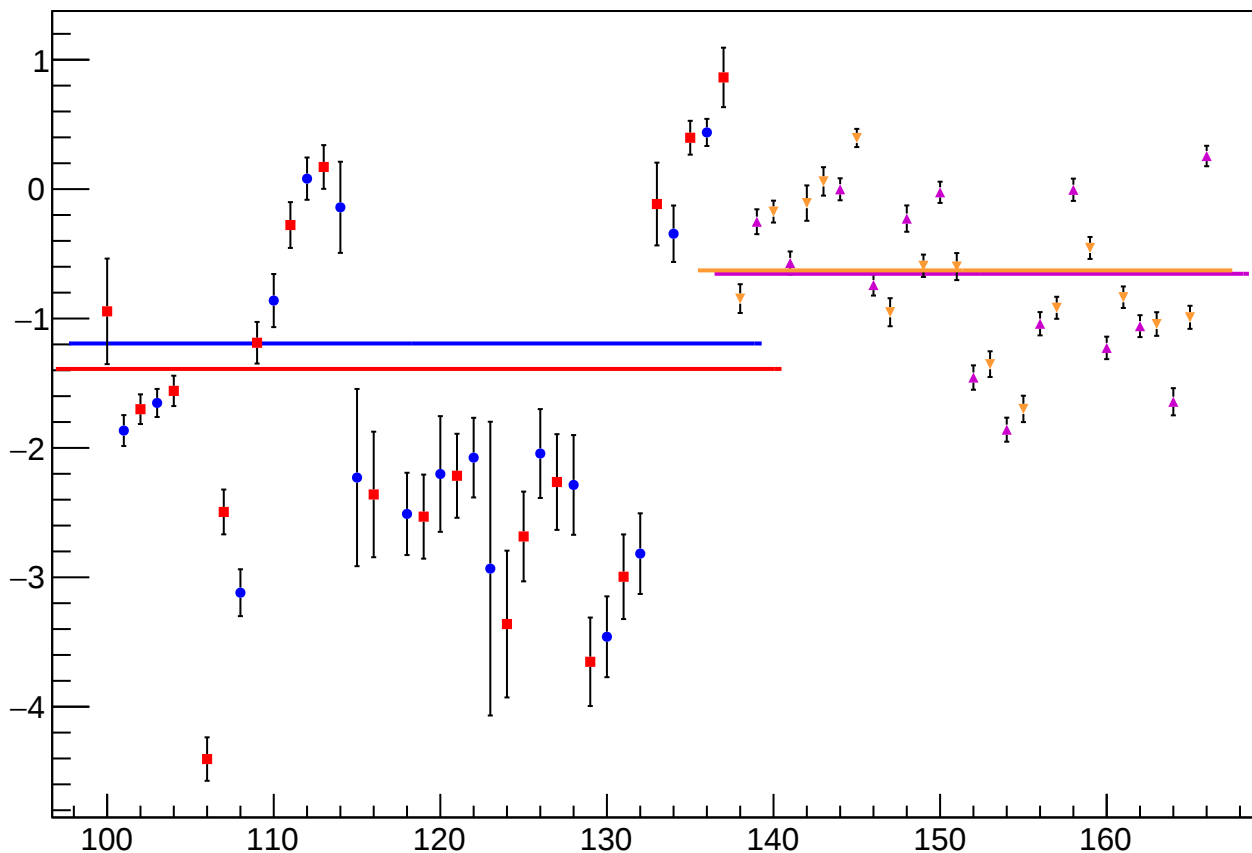
Left In: 193.527 $\pm$ 0.501 χ^2 /NDF:1034.8/13

+ sign 196.078 $\pm$ 0.443 χ^2 /NDF: 6590.7/31

All: 193.019 $\pm$ 0.313 χ^2 /NDF: 14283.7/64

- sign 189.997 $\pm$ 0.441 χ^2 /NDF: 7598.4/32

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.193 ± 0.048 χ^2/NDF : 621.7/16

Left Out: -0.628 ± 0.024 χ^2/NDF : 529.7/14

Right Out: -1.390 ± 0.046 χ^2/NDF : 920.6/18

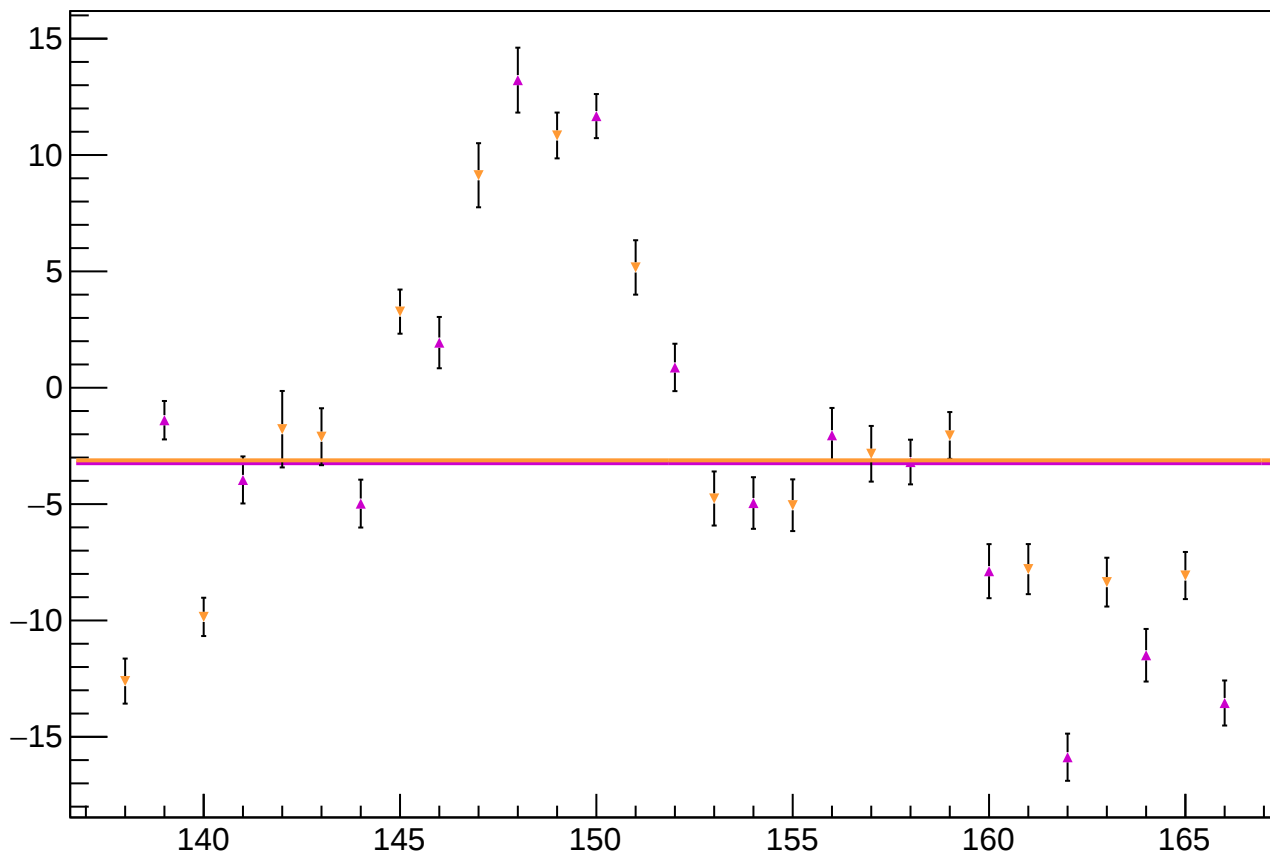
Left In: -0.654 ± 0.024 χ^2/NDF : 759.1/13

+ sign -0.740 ± 0.021 χ^2/NDF : 1261.4/31

All: -0.776 ± 0.015 χ^2/NDF : 3149.4/64

- sign -0.809 ± 0.021 χ^2/NDF : 1882.8/32

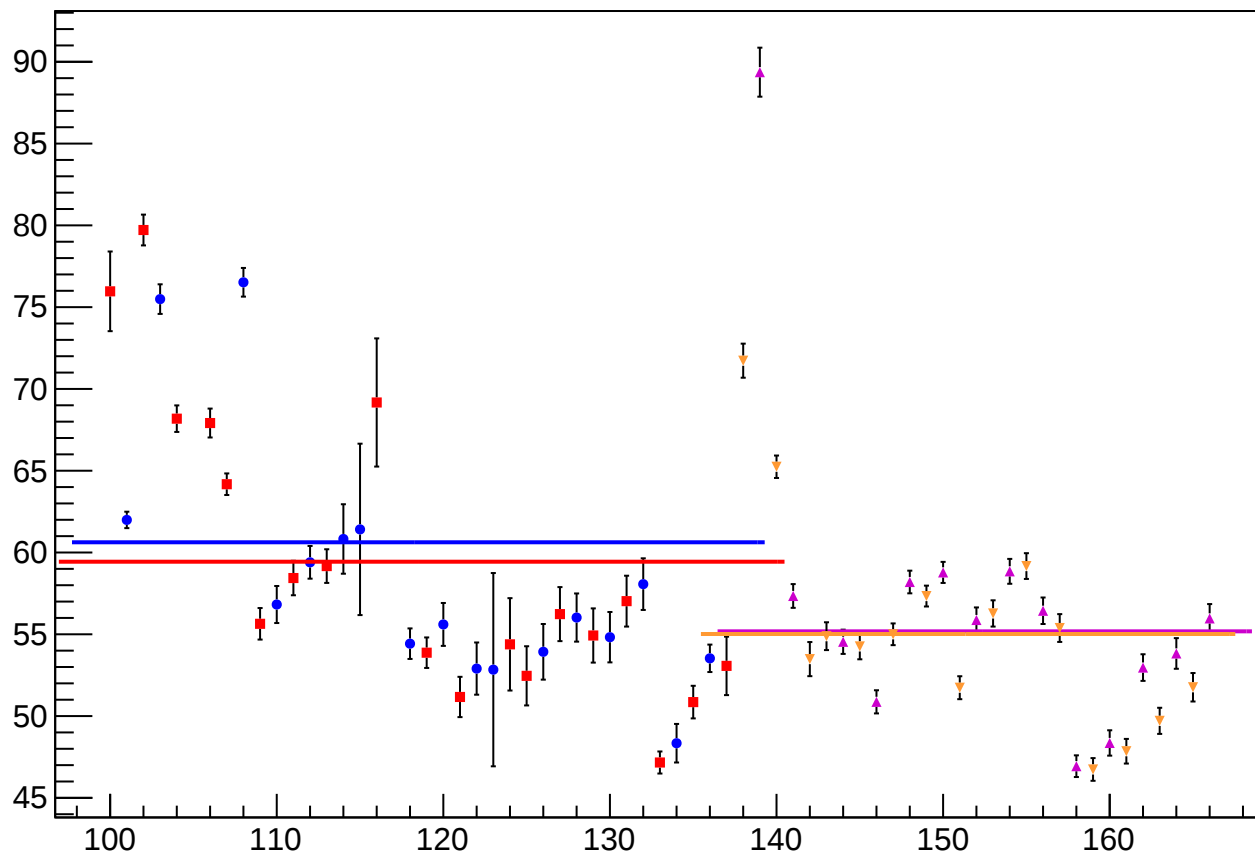
reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.120+/-0.278 χ^2/NDF : 614.0/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.242+/-0.277 χ^2/NDF : 775.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.181+/-0.196 χ^2/NDF : 1389.6/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.625 ± 0.263 $\chi^2/\text{NDF}: 924.6/16$

Left Out: 55.018 ± 0.200 $\chi^2/\text{NDF}: 839.3/14$

Right Out: 59.438 ± 0.248 $\chi^2/\text{NDF}: 1323.4/18$

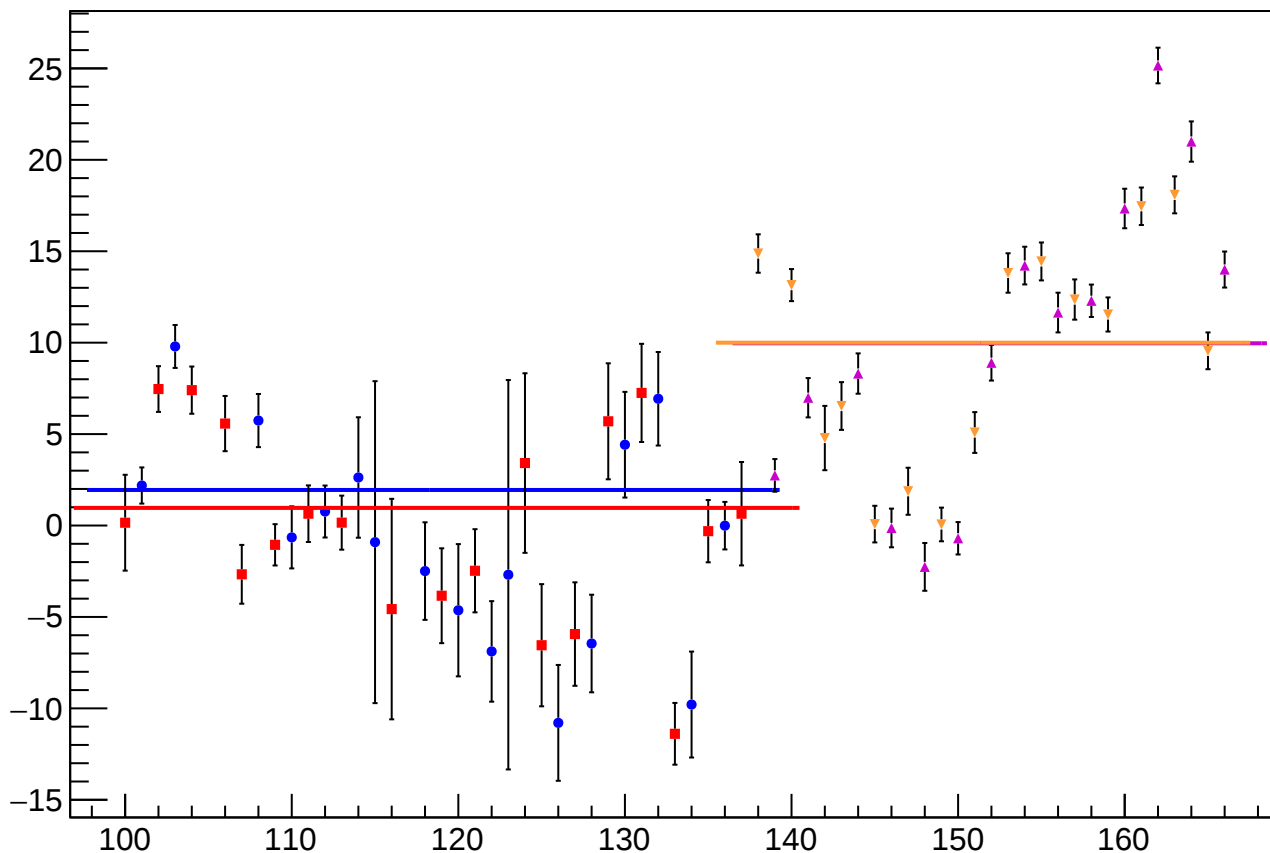
Left In: 55.181 ± 0.206 $\chi^2/\text{NDF}: 886.5/13$

+ sign 57.072 ± 0.159 $\chi^2/\text{NDF}: 2051.8/31$

All: 56.998 ± 0.112 $\chi^2/\text{NDF}: 4436.4/64$

- sign 56.924 ± 0.159 $\chi^2/\text{NDF}: 2384.2/32$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.945 ± 0.459 $\chi^2/\text{NDF}: 120.6/16$

Left Out: 10.000 ± 0.273 $\chi^2/\text{NDF}: 479.5/14$

Right Out: 0.964 ± 0.424 $\chi^2/\text{NDF}: 149.5/18$

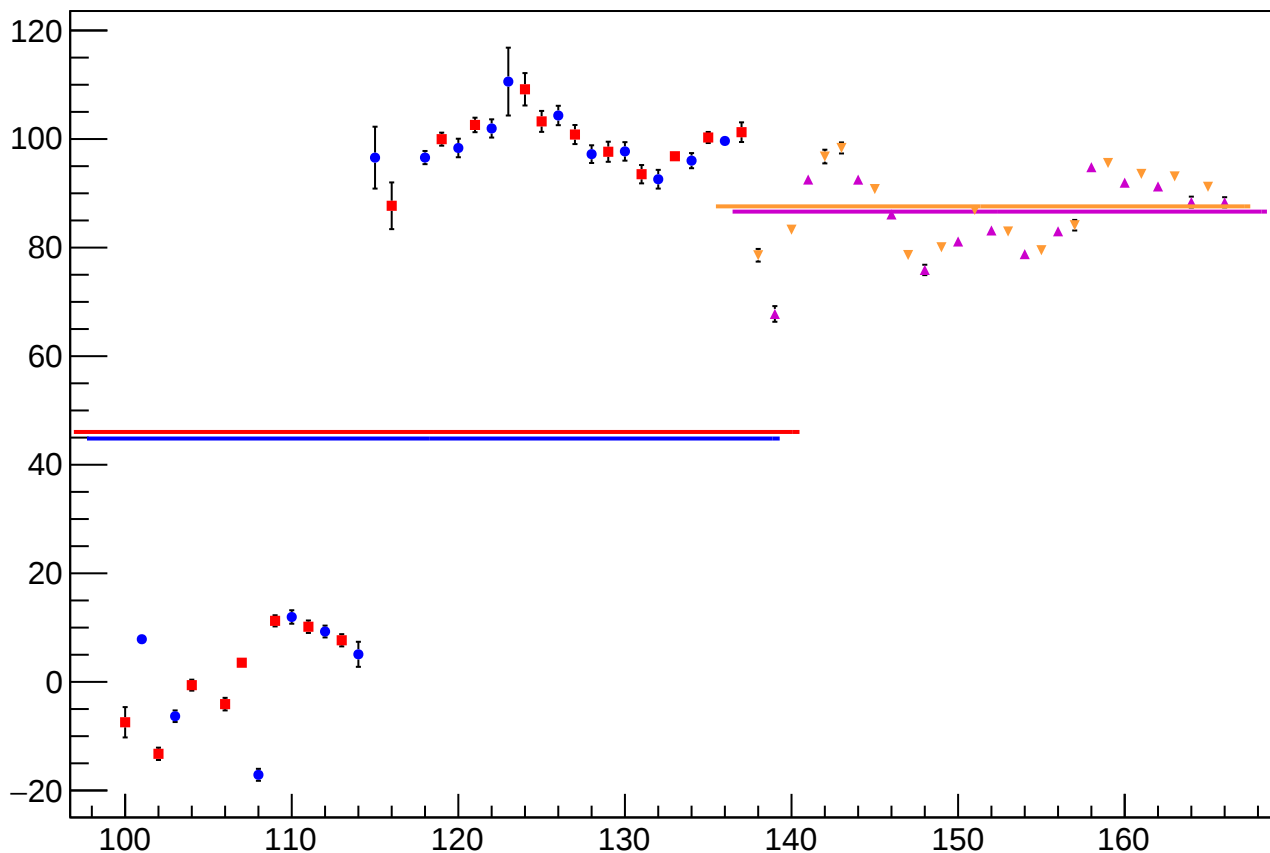
Left In: 9.967 ± 0.271 $\chi^2/\text{NDF}: 832.5/13$

+ sign 7.890 ± 0.235 $\chi^2/\text{NDF}: 827.6/31$

All: 7.614 ± 0.164 $\chi^2/\text{NDF}: 2131.7/64$

- sign 7.353 ± 0.229 $\chi^2/\text{NDF}: 1301.4/32$

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.829 $\pm$ 0.305 χ^2 /NDF: 24763.1/16

Left Out: 87.596 $\pm$ 0.231 χ^2 /NDF:811.3/14

Right Out: 46.040 $\pm$ 0.289 χ^2 /NDF: 28263.4/18

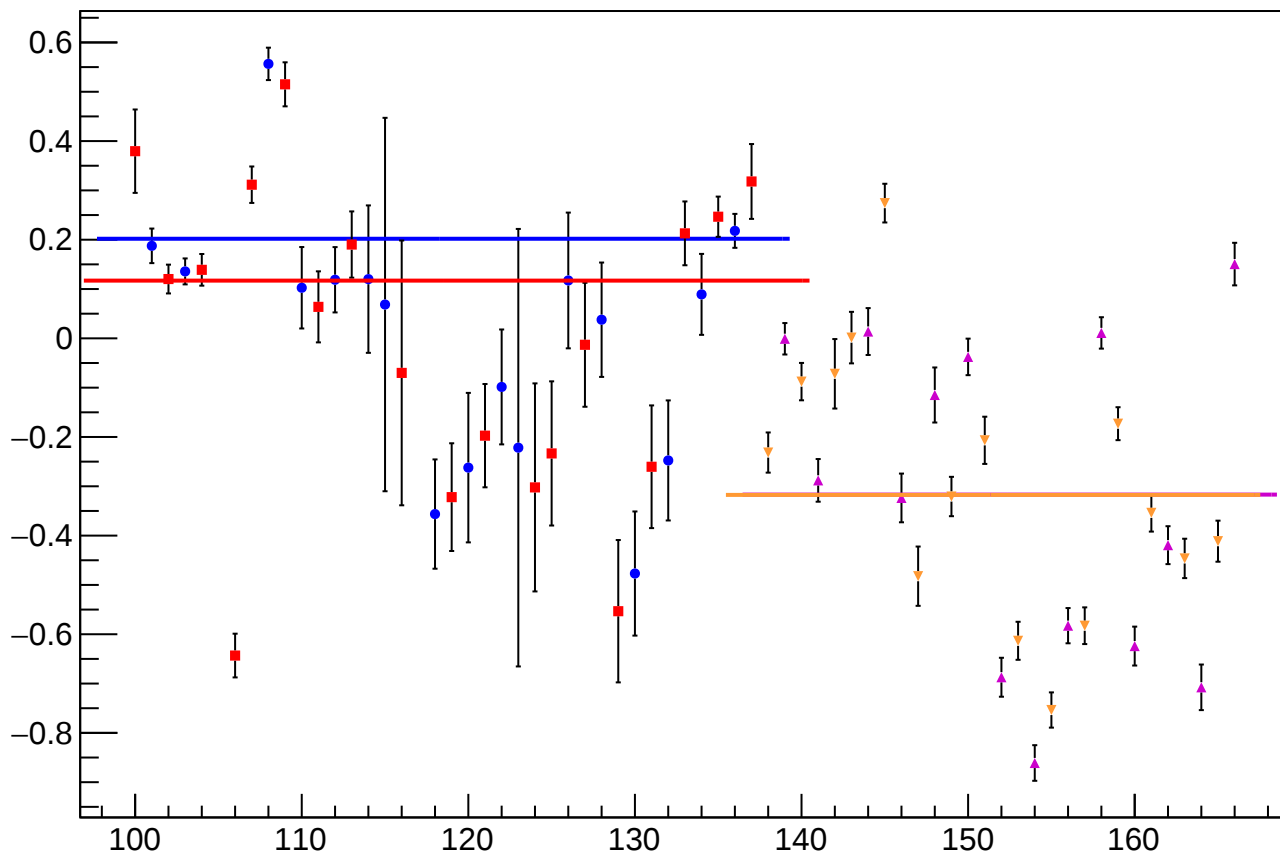
Left In: 86.629 $\pm$ 0.236 χ^2 /NDF:767.3/13

+ sign 71.973 $\pm$ 0.184 χ^2 /NDF: 38081.8/31

All: 71.209 $\pm$ 0.130 χ^2 /NDF: 78973.6/64

- sign 70.456 $\pm$ 0.183 χ^2 /NDF: 40857.6/32

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.014 χ^2/NDF : 216.0/16

Left Out: -0.317 ± 0.011 χ^2/NDF : 624.6/14

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.6/18

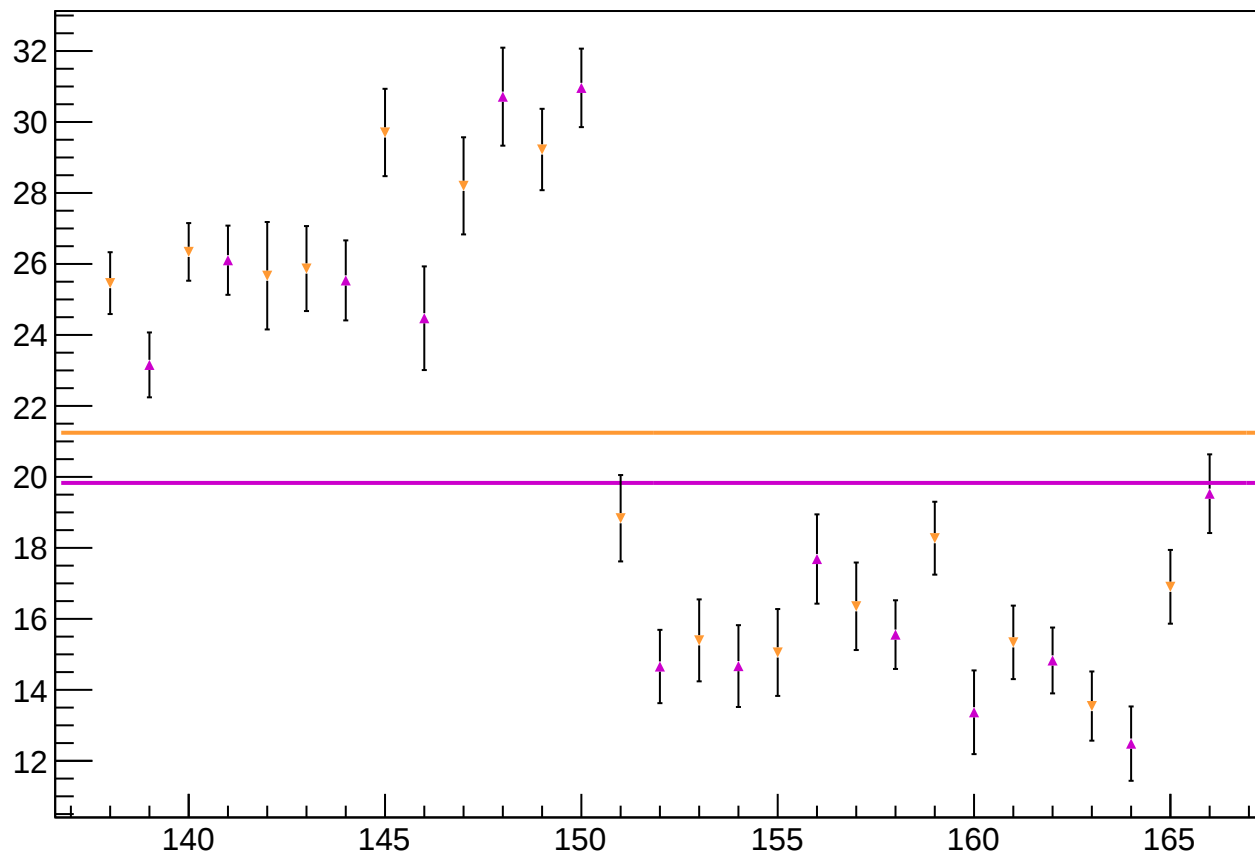
Left In: -0.317 ± 0.011 χ^2/NDF : 950.0/13

+ sign -0.128 ± 0.008 χ^2/NDF : 1708.8/31

All: -0.136 ± 0.006 χ^2/NDF : 3828.3/64

- sign -0.144 ± 0.008 χ^2/NDF : 2117.6/32

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 21.244+/-0.282 χ^2/NDF : 399.5/14

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

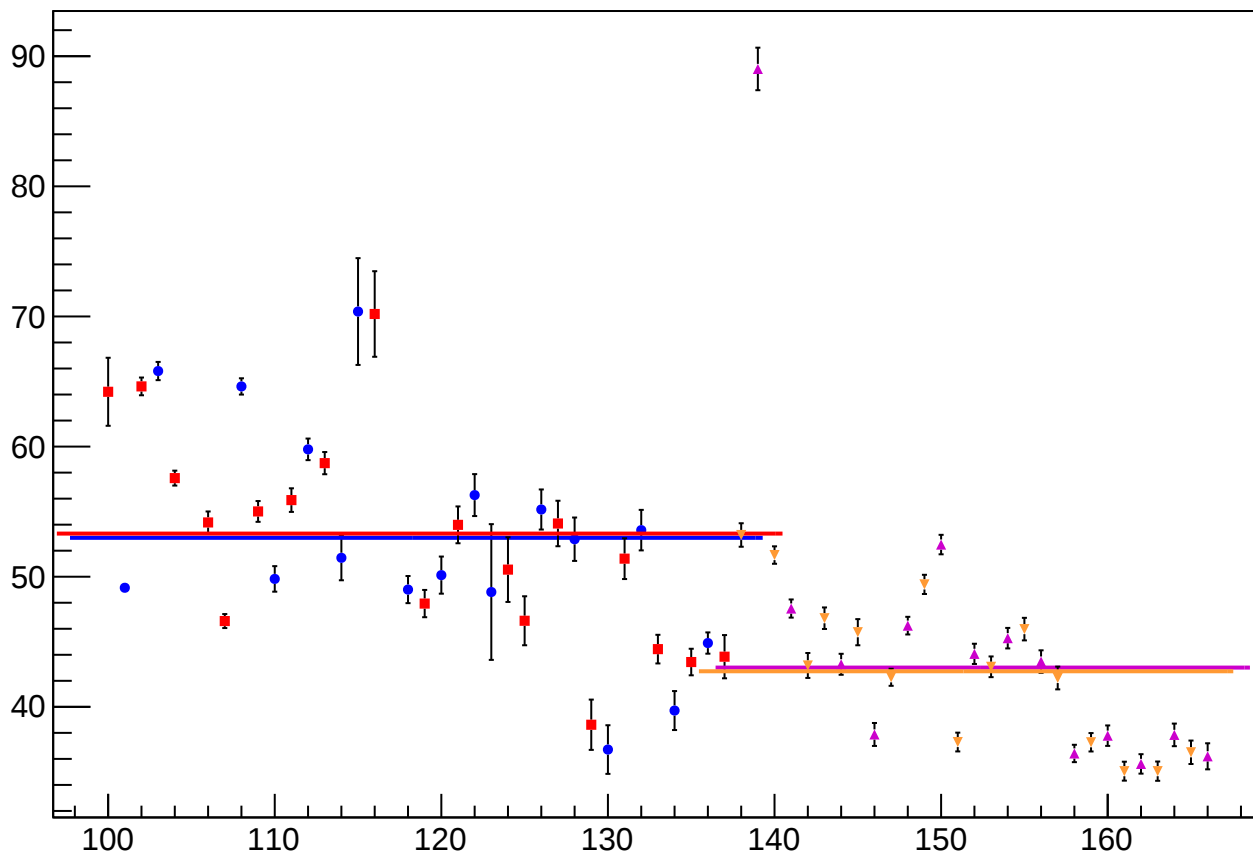
Left In: 19.831+/-0.291 χ^2/NDF : 429.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.557+/-0.203 χ^2/NDF : 841.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.989 $\pm$ 0.211 χ^2 /NDF: 1198.0/16

Left Out: 42.733 $\pm$ 0.203 χ^2 /NDF:825.1/14

Right Out: 53.315 $\pm$ 0.227 χ^2 /NDF: 875.6/18

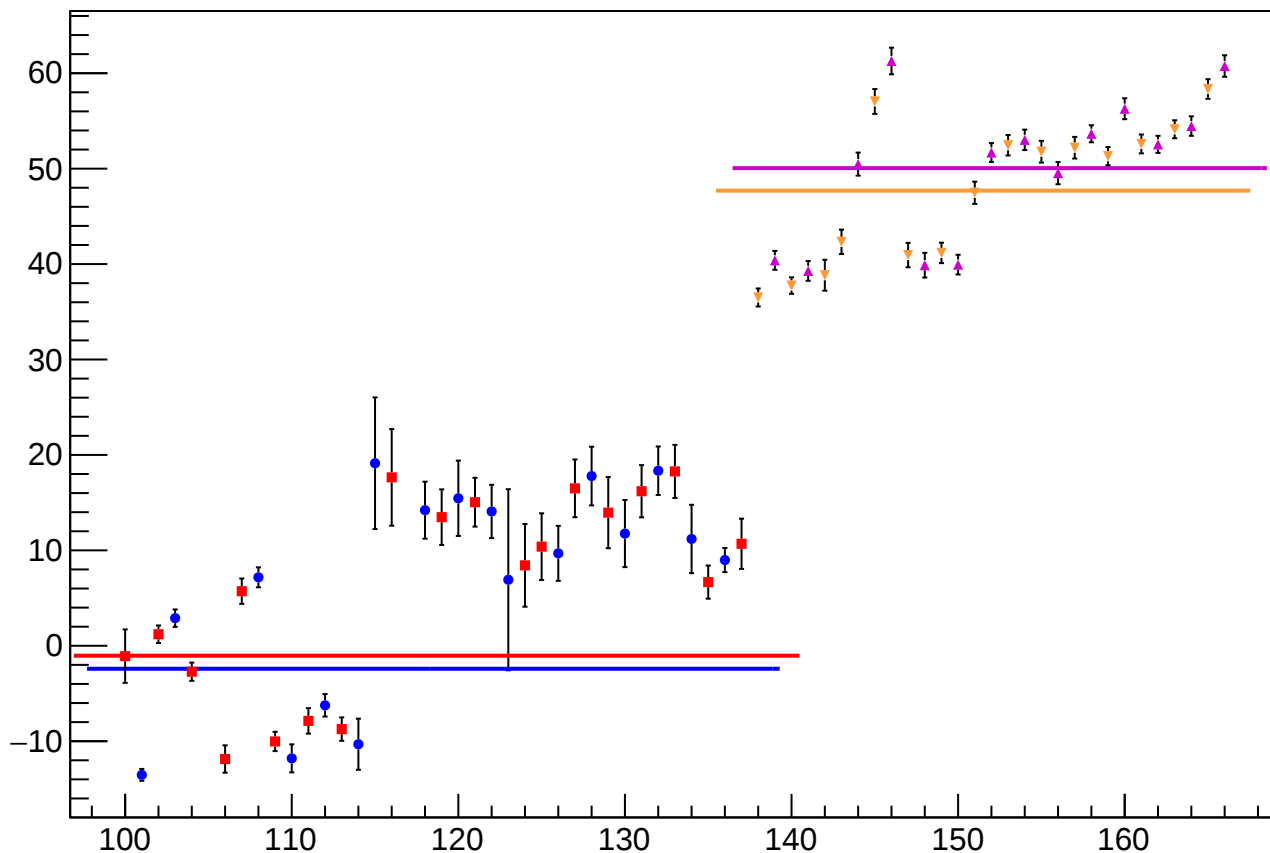
Left In: 43.017 $\pm$ 0.214 χ^2 /NDF:1383.0/13

+ sign 47.669 $\pm$ 0.146 χ^2 /NDF: 3250.0/31

All: 47.765 $\pm$ 0.107 χ^2 /NDF: 6599.3/64

- sign 47.874 $\pm$ 0.156 χ^2 /NDF: 3348.5/32

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.409 ± 0.364 χ^2/NDF : 834.6/16

Left Out: 47.697 ± 0.279 χ^2/NDF : 676.7/14

Right Out: -1.040 ± 0.377 χ^2/NDF : 507.5/18

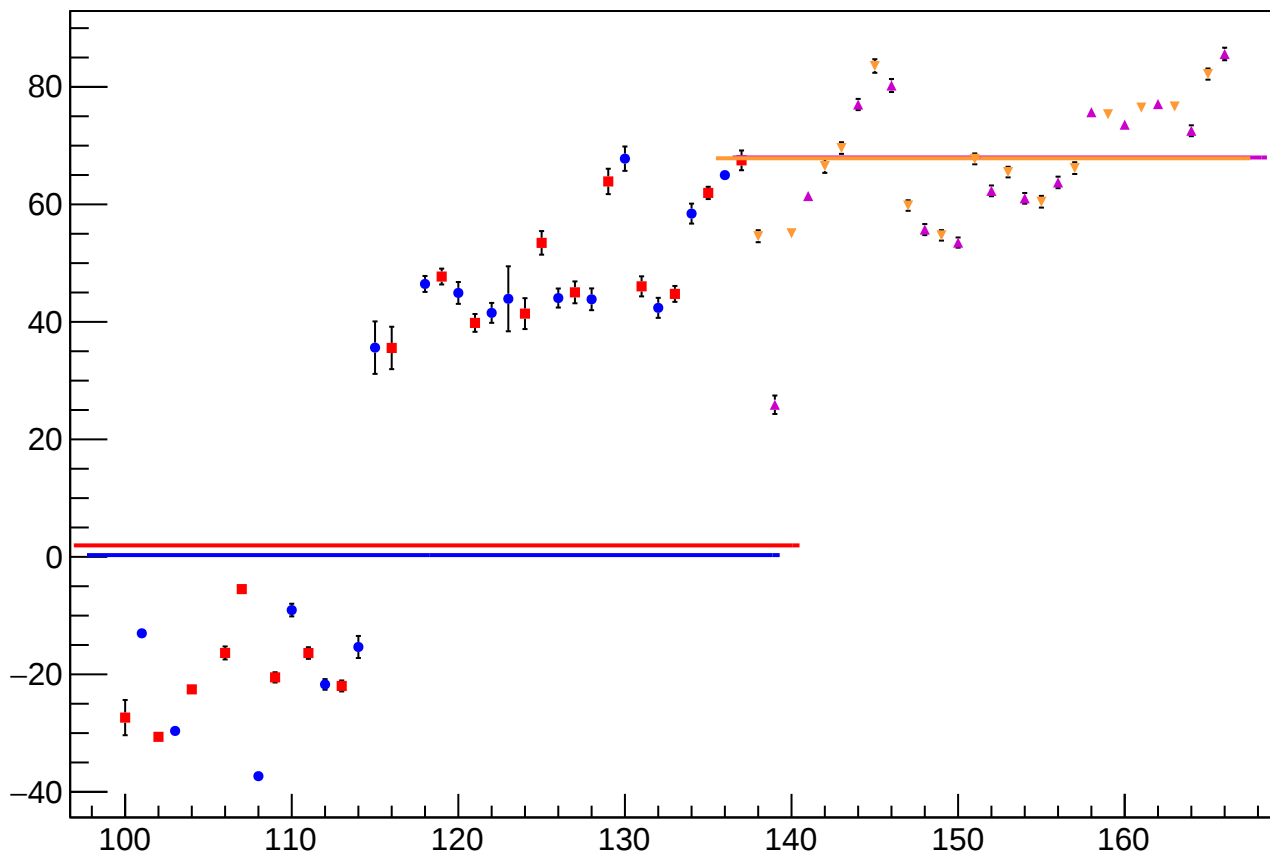
Left In: 50.055 ± 0.284 χ^2/NDF : 601.0/13

+ sign 29.191 ± 0.221 χ^2/NDF : 13440.3/31

All: 30.347 ± 0.158 χ^2/NDF : 26321.3/64

- sign 31.562 ± 0.227 χ^2/NDF : 12825.0/32

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.300 ± 0.247 χ^2/NDF : 18259.2/16

Left Out: 67.849 ± 0.235 χ^2/NDF : 1549.6/14

Right Out: 1.952 ± 0.267 χ^2/NDF : 15450.6/18

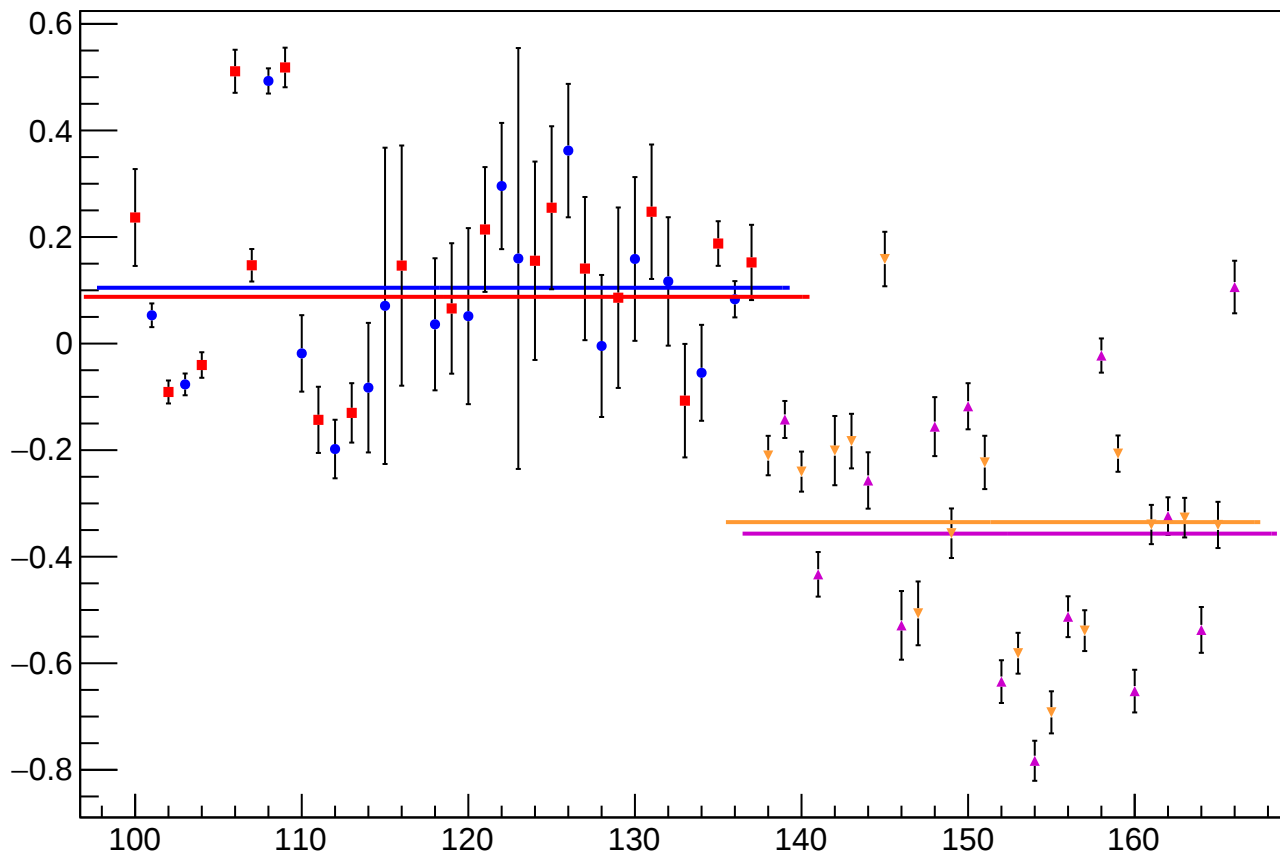
Left In: 67.983 ± 0.245 χ^2/NDF : 2148.4/13

+ sign 35.824 ± 0.170 χ^2/NDF : 59008.1/31

All: 36.763 ± 0.124 χ^2/NDF : 109979.9/64

- sign 37.814 ± 0.180 χ^2/NDF : 50907.4/32

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.335 ± 0.011 χ^2/NDF : 303.0/14

Right Out: 0.088 ± 0.011 χ^2/NDF : 390.9/18

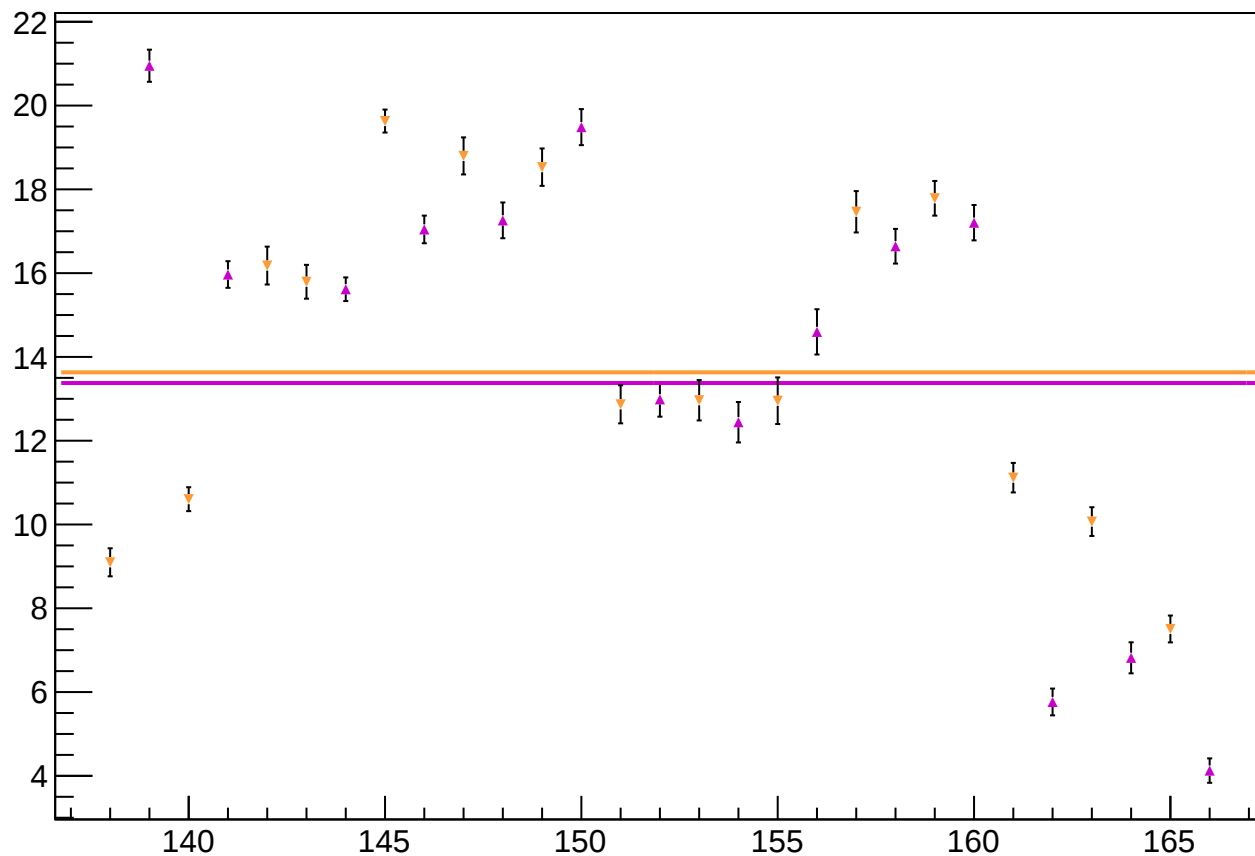
Left In: -0.357 ± 0.011 χ^2/NDF : 558.4/13

+ sign -0.118 ± 0.008 χ^2/NDF : 1508.6/31

All: -0.126 ± 0.005 χ^2/NDF : 3272.9/64

- sign -0.134 ± 0.008 χ^2/NDF : 1762.2/32

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 13.632 $\pm$ 0.098 χ^2 /NDF:1783.7/14

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

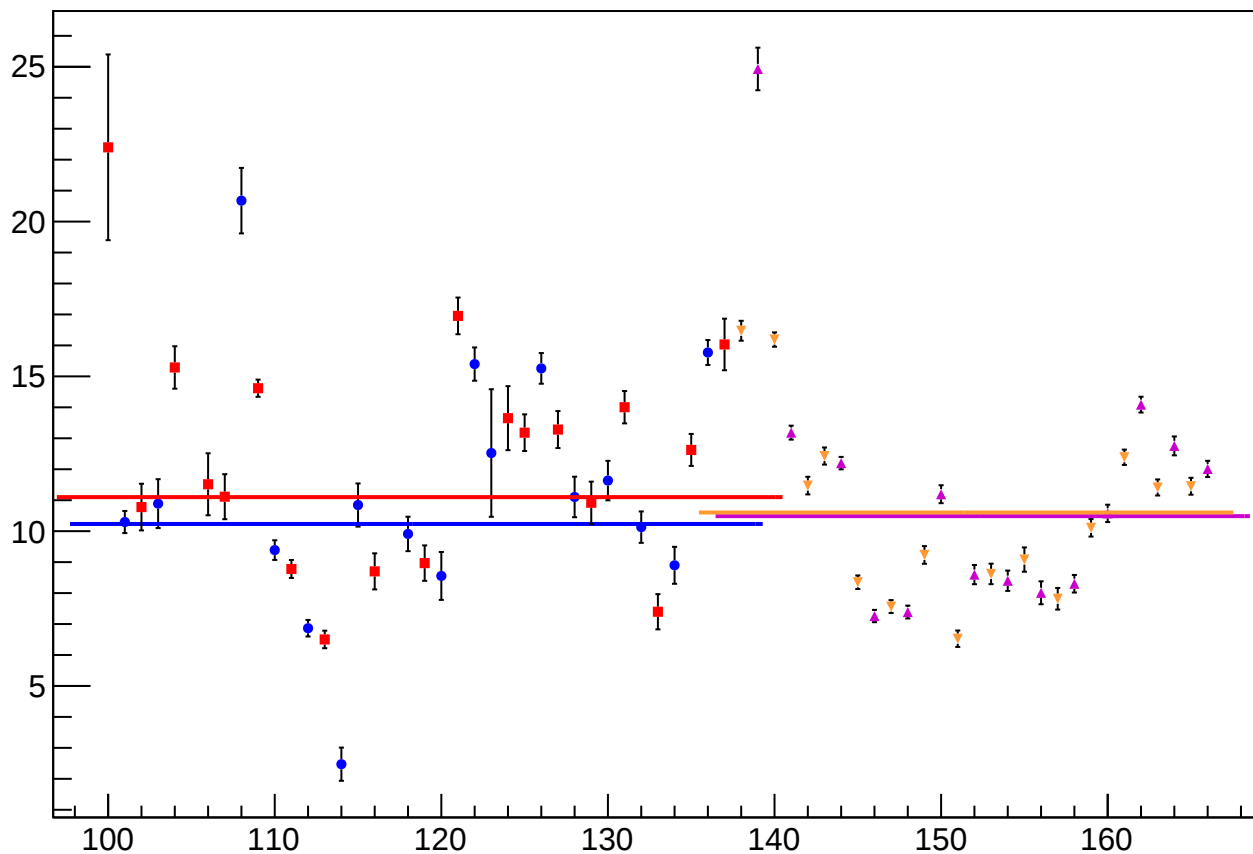
Left In: 13.377 $\pm$ 0.098 χ^2 /NDF:2971.6/13

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

All: 13.505 $\pm$ 0.069 χ^2 /NDF: 4758.7/28

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

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.232 ± 0.119 χ^2/NDF : 876.7/16

Left Out: 10.604 ± 0.070 χ^2/NDF : 1732.3/14

Right Out: 11.100 ± 0.116 χ^2/NDF : 817.8/18

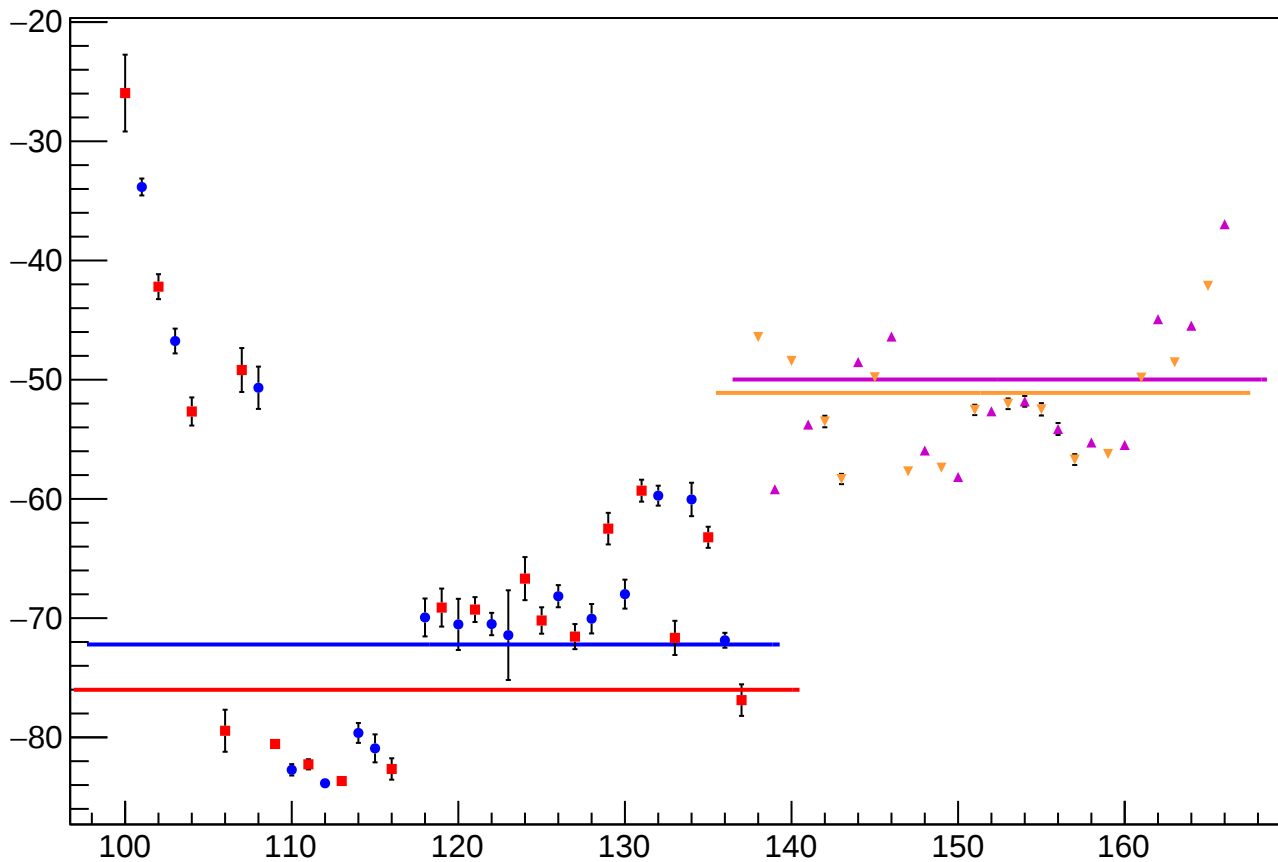
Left In: 10.485 ± 0.071 χ^2/NDF : 1618.7/13

+ sign 10.509 ± 0.060 χ^2/NDF : 2616.2/31

All: 10.580 ± 0.043 χ^2/NDF : 5075.9/64

- sign 10.651 ± 0.060 χ^2/NDF : 2456.9/32

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.211 ± 0.198 χ^2/NDF : 5566.2/16

Left Out: -51.103 ± 0.098 χ^2/NDF : 2271.6/14

Right Out: -76.009 ± 0.181 χ^2/NDF : 3463.3/18

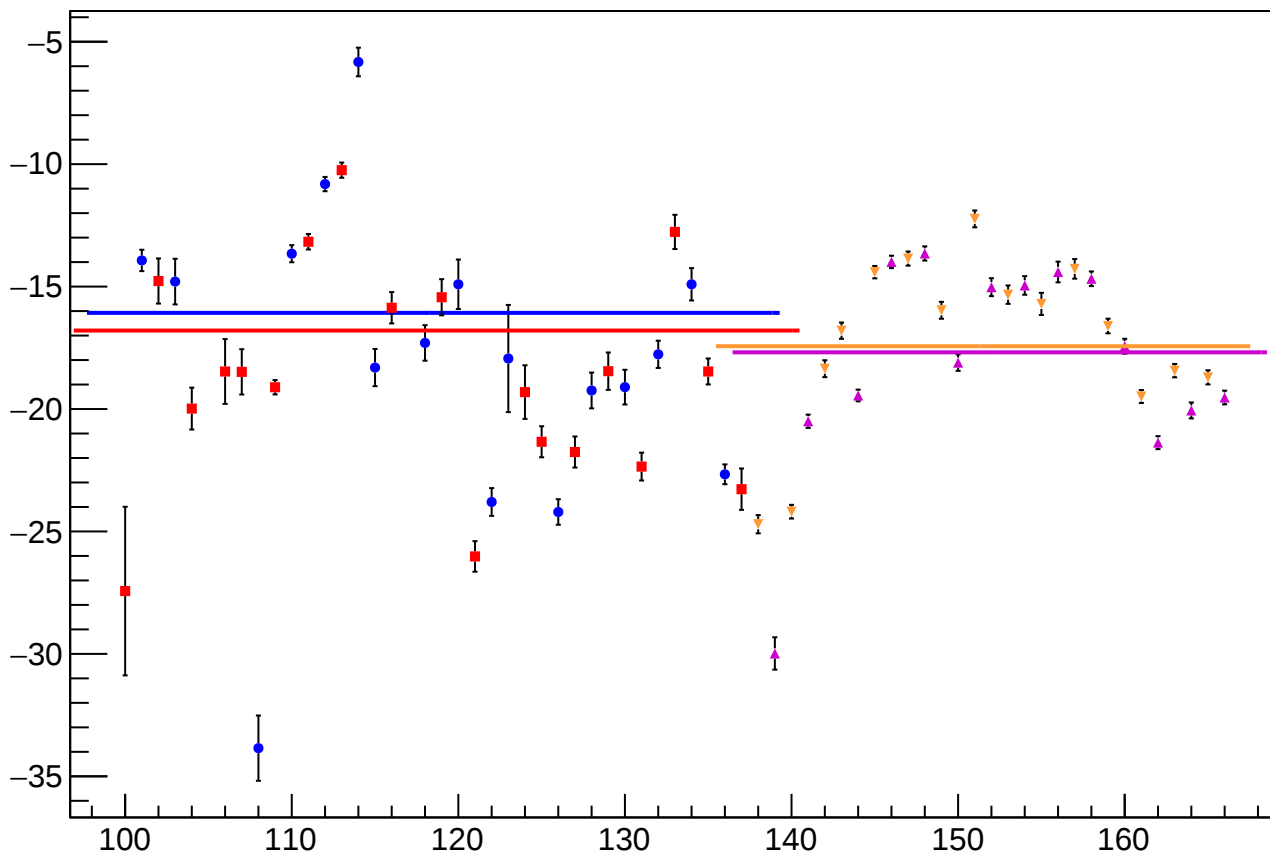
Left In: -49.982 ± 0.097 χ^2/NDF : 4279.4/13

+ sign -55.236 ± 0.088 χ^2/NDF : 16978.0/31

All: -55.522 ± 0.061 χ^2/NDF : 40803.3/64

- sign -55.795 ± 0.086 χ^2/NDF : 23804.4/32

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.073 ± 0.133 χ^2/NDF : 1640.5/16

Left Out: -17.434 ± 0.081 χ^2/NDF : 1725.4/14

Right Out: -16.795 ± 0.128 χ^2/NDF : 1216.0/18

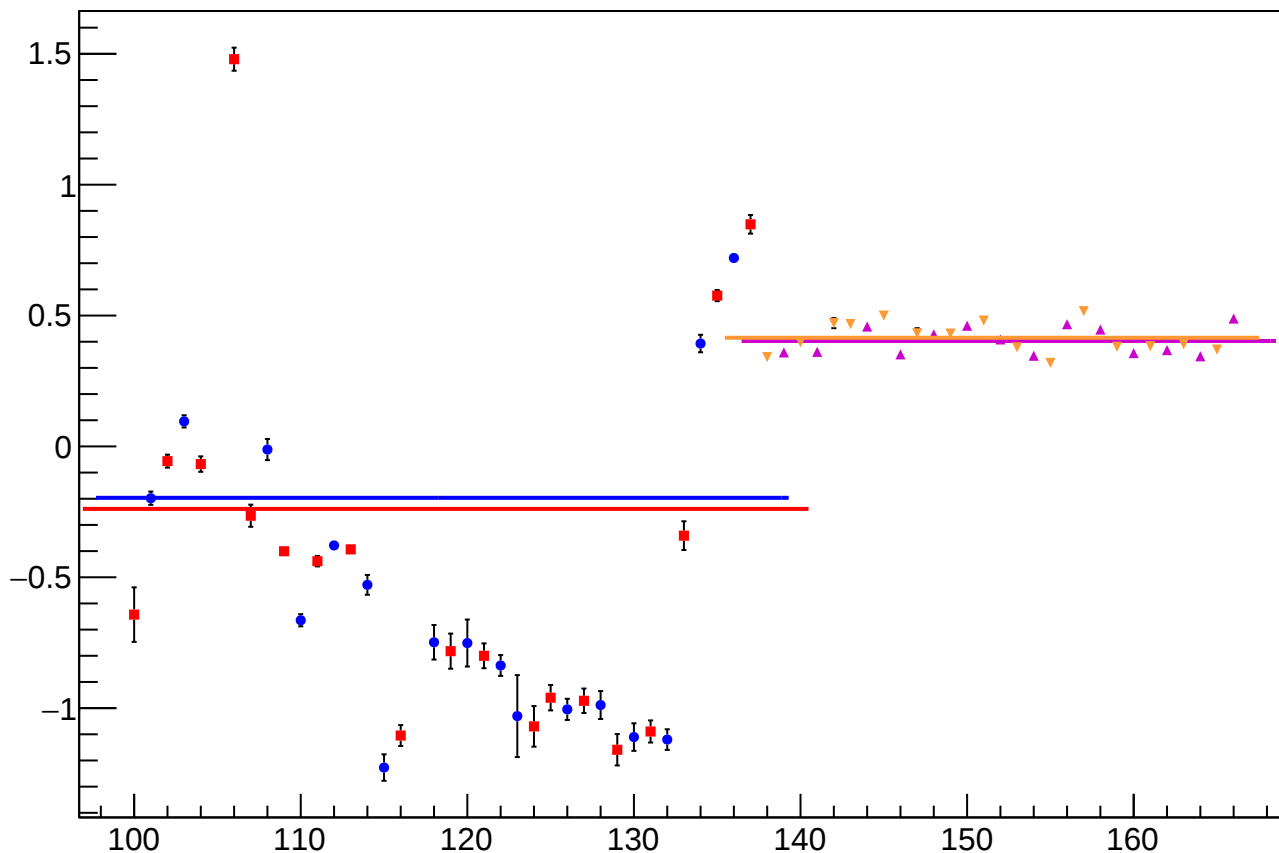
Left In: -17.685 ± 0.082 χ^2/NDF : 1469.7/13

+ sign -17.061 ± 0.069 χ^2/NDF : 3442.5/31

All: -17.244 ± 0.049 χ^2/NDF : 6176.2/64

- sign -17.425 ± 0.069 χ^2/NDF : 2719.9/32

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.196 ± 0.008 χ^2/NDF : 6323.5/16

Left Out: 0.415 ± 0.004 χ^2/NDF : 220.0/14

Right Out: -0.239 ± 0.007 χ^2/NDF : 6188.6/18

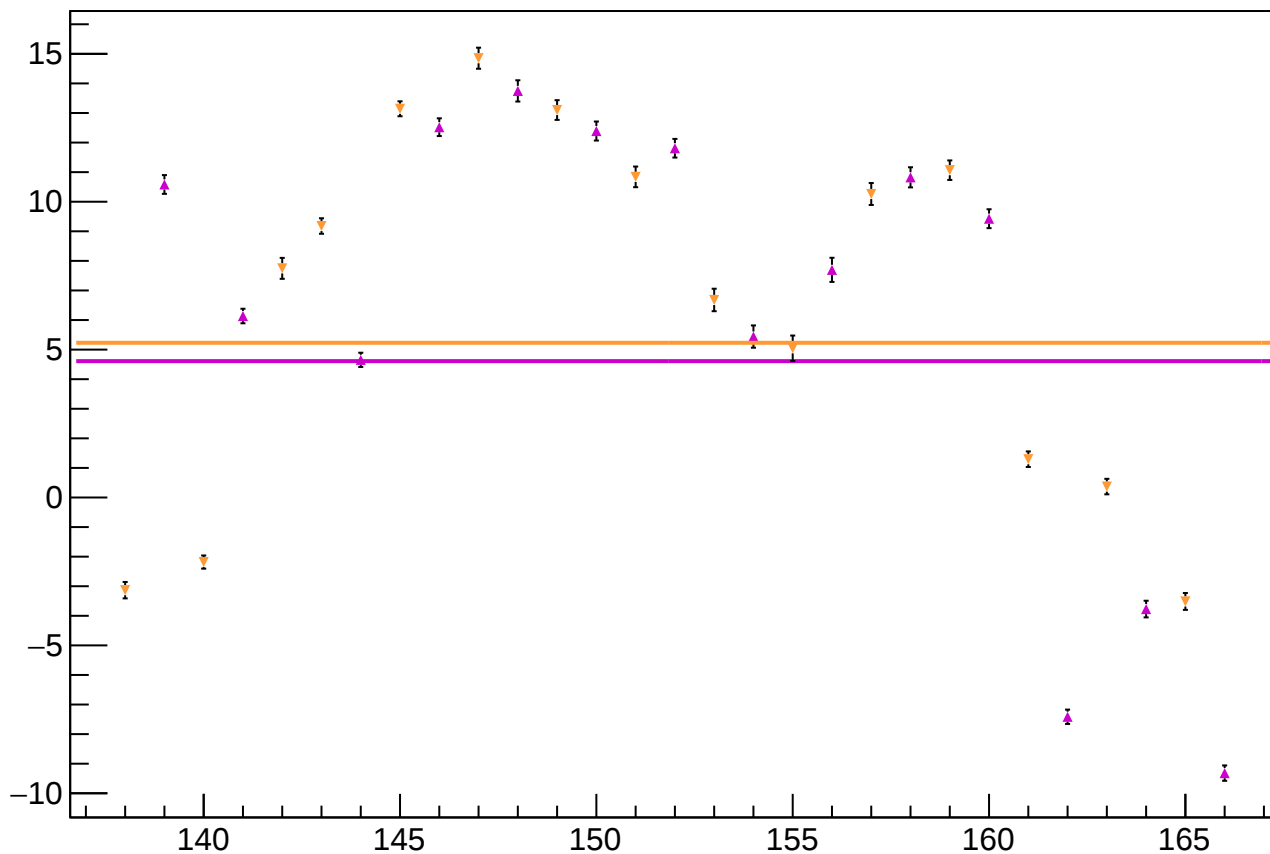
Left In: 0.403 ± 0.004 χ^2/NDF : 177.2/13

+ sign 0.288 ± 0.003 χ^2/NDF : 11749.3/31

All: 0.273 ± 0.002 χ^2/NDF : 24330.9/64

- sign 0.257 ± 0.003 χ^2/NDF : 12541.3/32

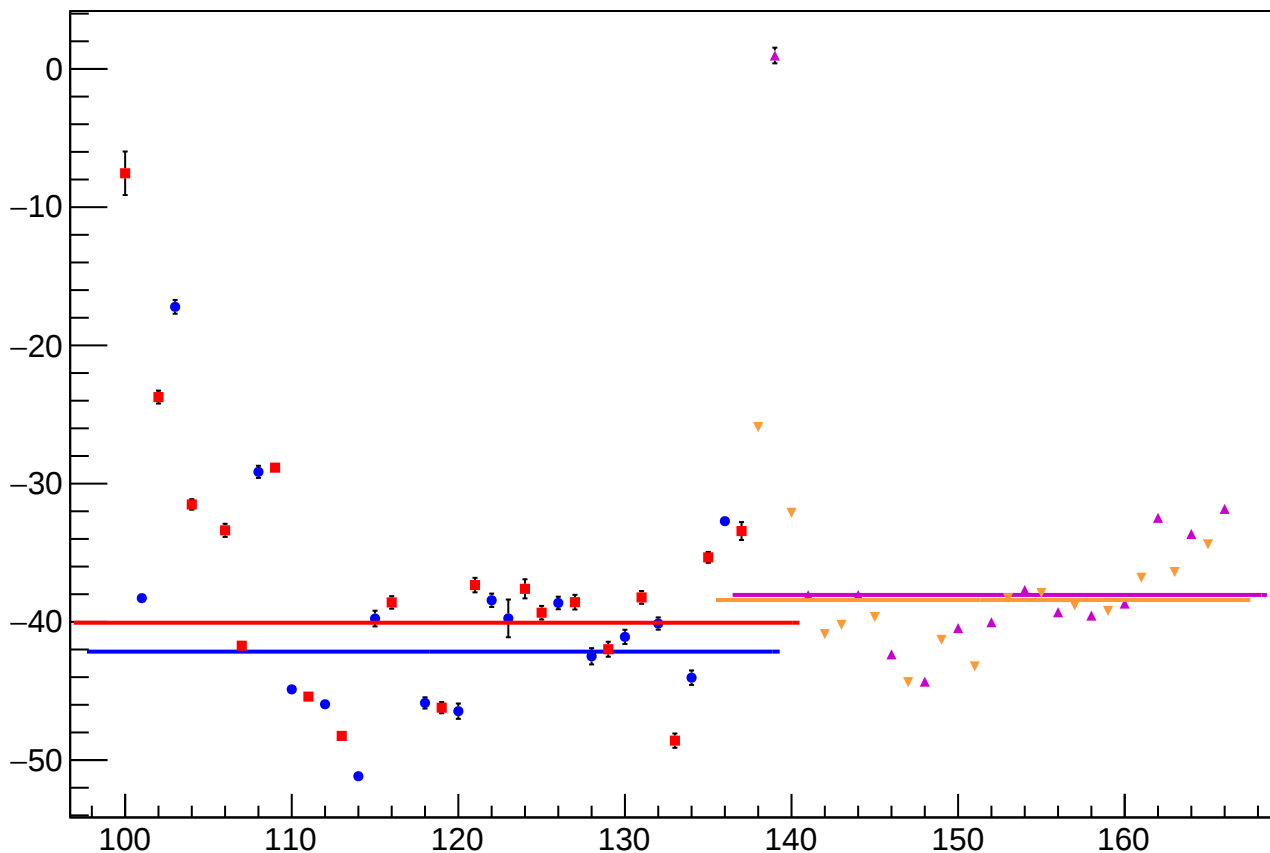
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.231+/-0.077 χ^2/NDF : 6843.0/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.610+/-0.079 χ^2/NDF : 9686.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.929+/-0.055 χ^2/NDF : 16560.9/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.153 ± 0.078 χ^2/NDF : 6557.8/16

Left Out: -38.421 ± 0.055 χ^2/NDF : 6052.2/14

Right Out: -40.062 ± 0.073 χ^2/NDF : 11322.2/18

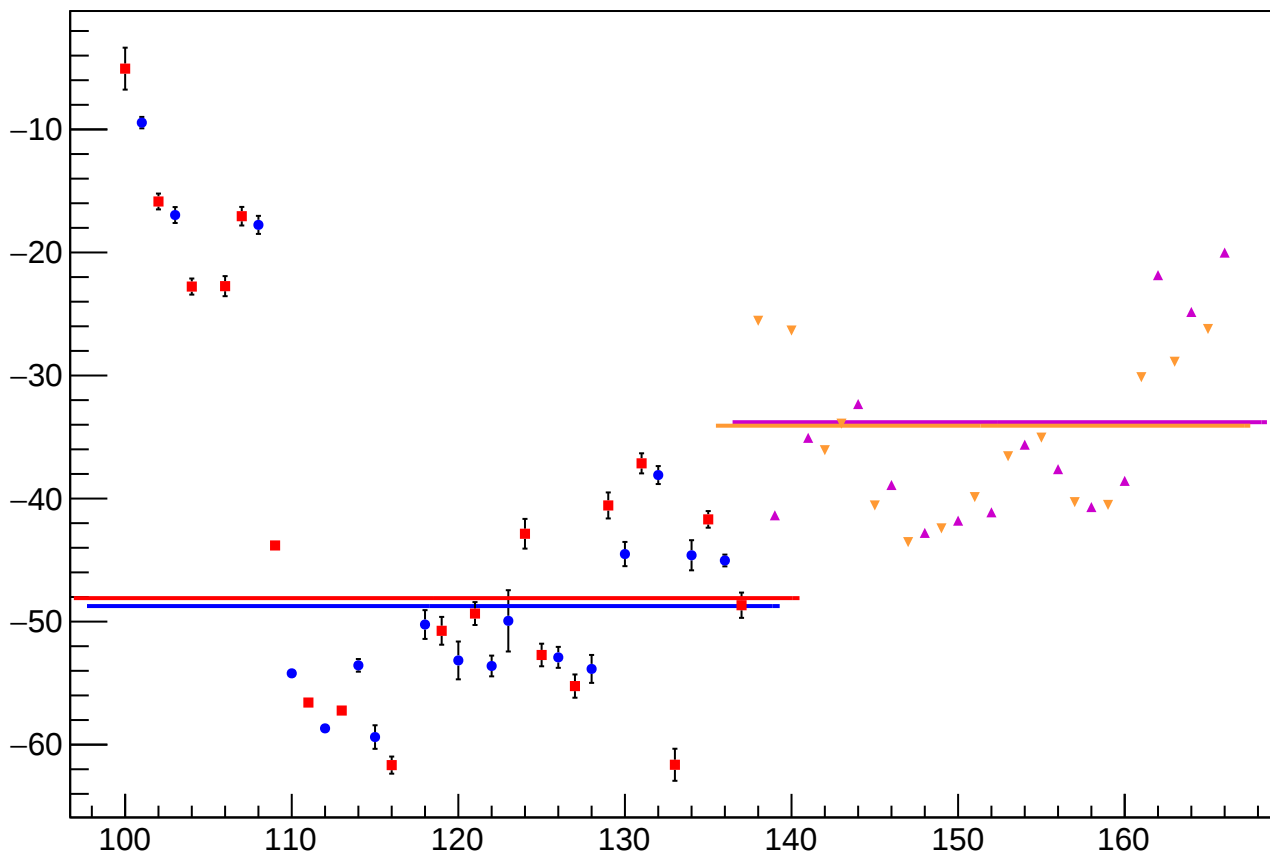
Left In: -38.052 ± 0.058 χ^2/NDF : 8701.8/13

+ sign -39.662 ± 0.045 χ^2/NDF : 14137.5/31

All: -39.245 ± 0.032 χ^2/NDF : 34803.4/64

- sign -38.825 ± 0.045 χ^2/NDF : 20493.5/32

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.737 ± 0.125 χ^2/NDF : 14658.1/16

Left Out: -34.078 ± 0.077 χ^2/NDF : 6572.0/14

Right Out: -48.092 ± 0.107 χ^2/NDF : 11733.2/18

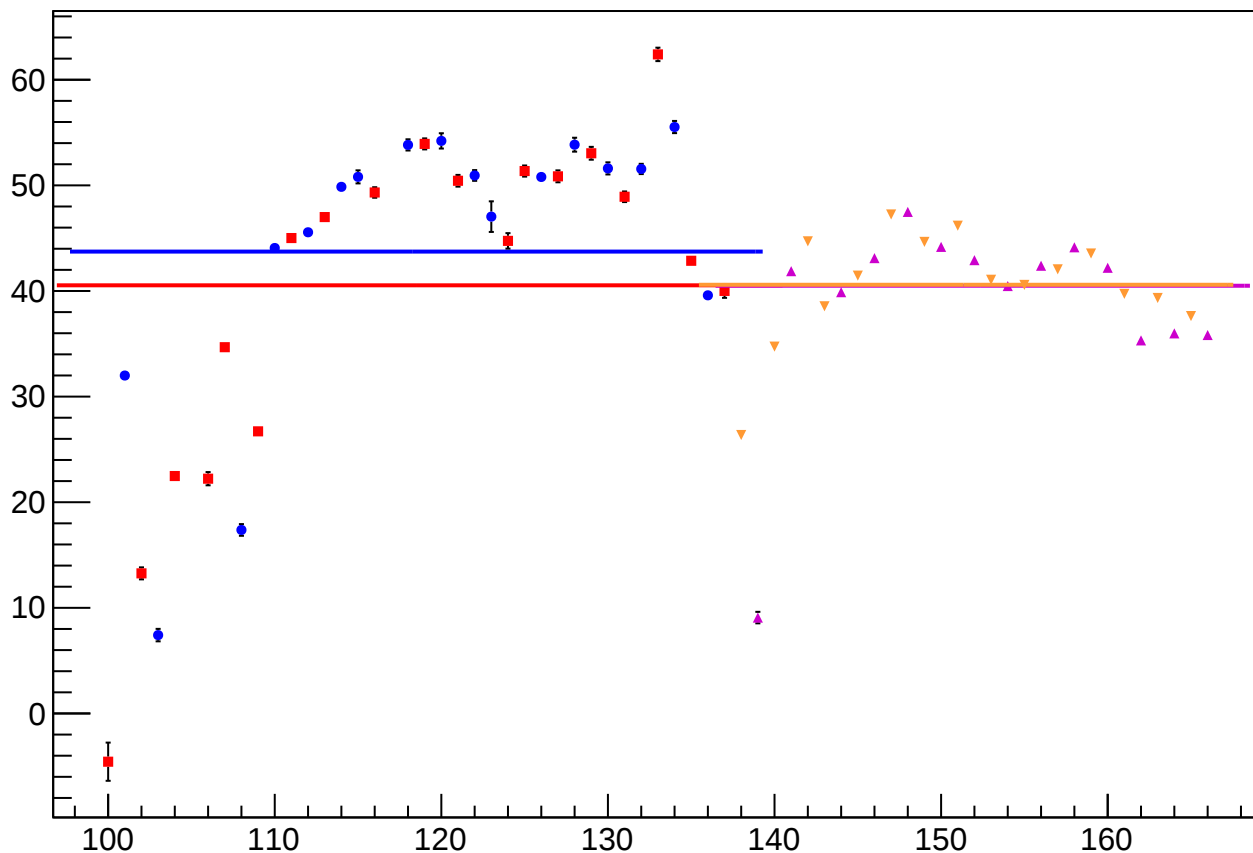
Left In: -33.794 ± 0.078 χ^2/NDF : 10136.6/13

+ sign -38.141 ± 0.066 χ^2/NDF : 31241.0/31

All: -38.460 ± 0.045 χ^2/NDF : 64763.8/64

- sign -38.756 ± 0.063 χ^2/NDF : 33477.3/32

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.731 $\pm$ 0.087 χ^2 /NDF: 10567.7/16

Left Out: 40.589 $\pm$ 0.064 χ^2 /NDF: 5015.6/14

Right Out: 40.537 $\pm$ 0.080 χ^2 /NDF: 17601.3/18

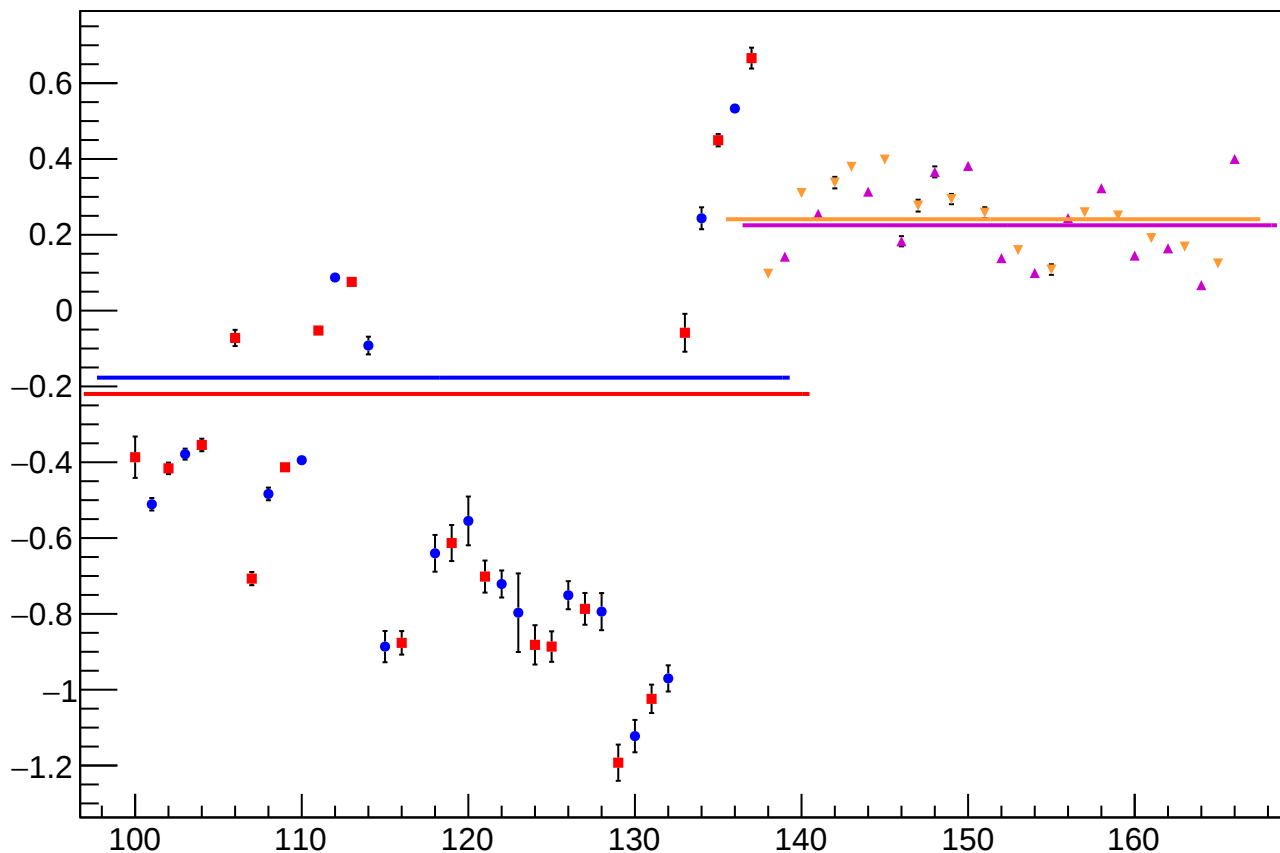
Left In: 40.496 $\pm$ 0.066 χ^2 /NDF: 6243.3/13

+ sign 41.698 $\pm$ 0.052 χ^2 /NDF: 16430.2/31

All: 41.100 $\pm$ 0.036 χ^2 /NDF: 40540.9/64

- sign 40.513 $\pm$ 0.051 χ^2 /NDF: 23844.8/32

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.005 χ^2/NDF : 7364.7/16

Left Out: 0.241 ± 0.003 χ^2/NDF : 940.6/14

Right Out: -0.220 ± 0.004 χ^2/NDF : 7430.4/18

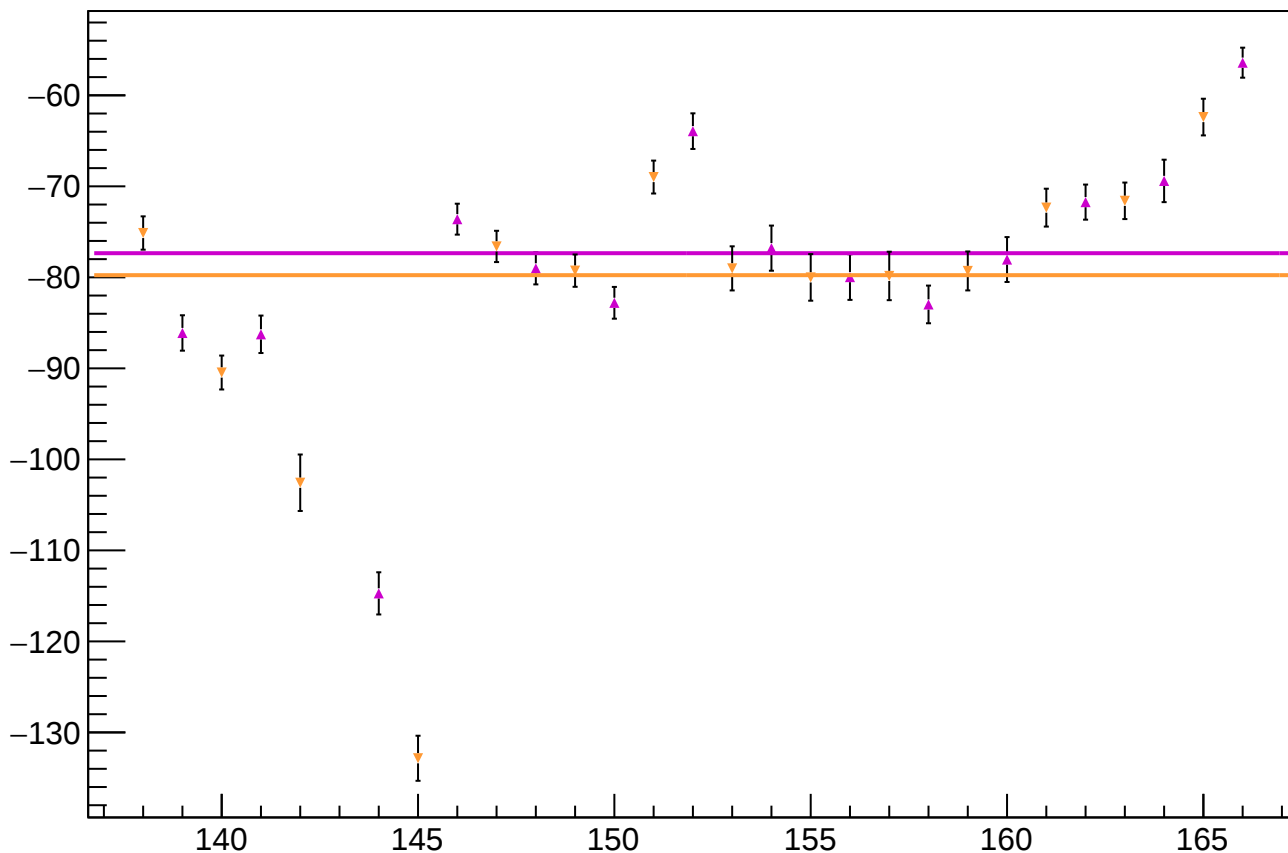
Left In: 0.225 ± 0.003 χ^2/NDF : 1122.7/13

+ sign 0.122 ± 0.003 χ^2/NDF : 13646.4/31

All: 0.097 ± 0.002 χ^2/NDF : 29413.0/64

- sign 0.072 ± 0.003 χ^2/NDF : 15573.4/32

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -79.761+/-0.557 χ^2/NDF : 695.8/13

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

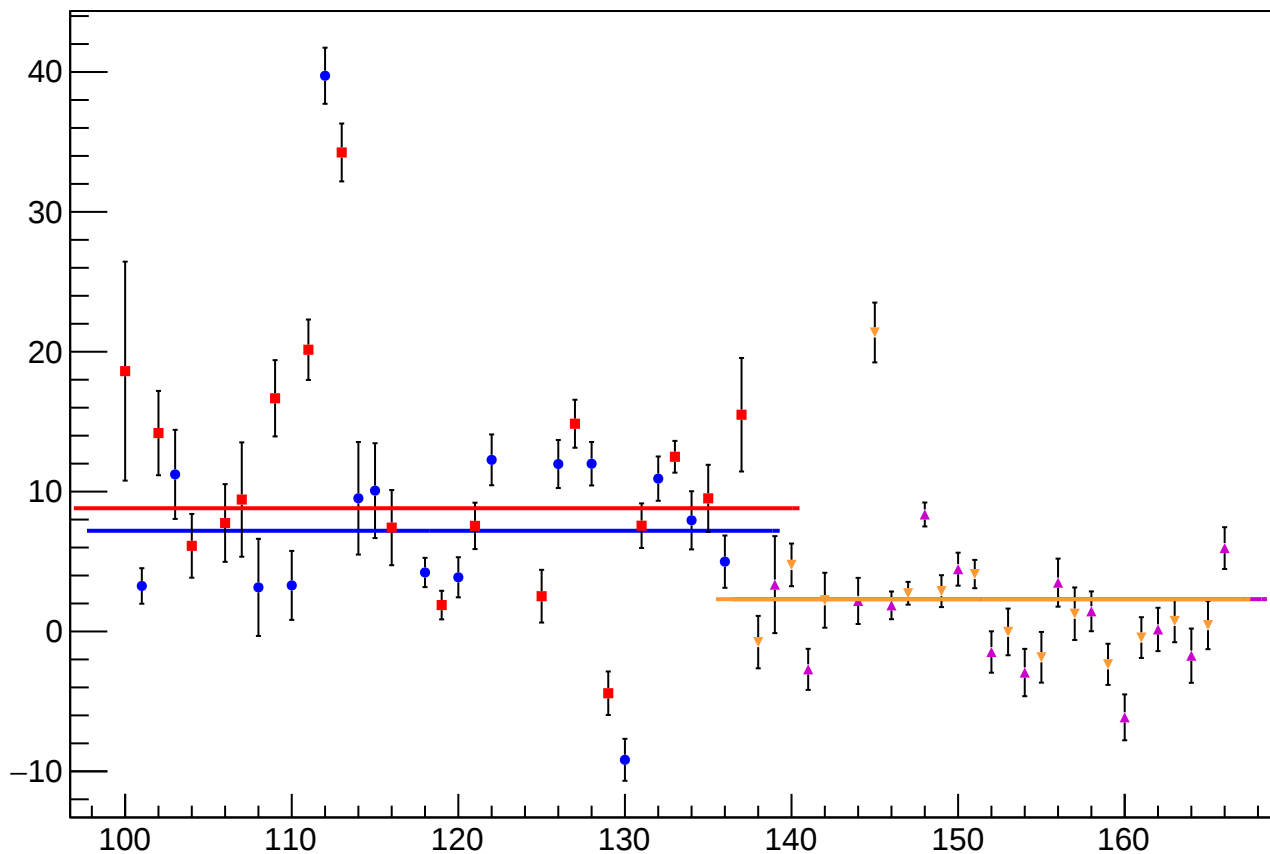
Left In: -77.347+/-0.536 χ^2/NDF : 551.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.507+/-0.386 χ^2/NDF : 1256.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.199 ± 0.440 $\chi^2/\text{NDF}: 443.8/15$

Left Out: 2.309 ± 0.375 $\chi^2/\text{NDF}: 111.7/13$

Right Out: 8.810 ± 0.448 $\chi^2/\text{NDF}: 349.7/17$

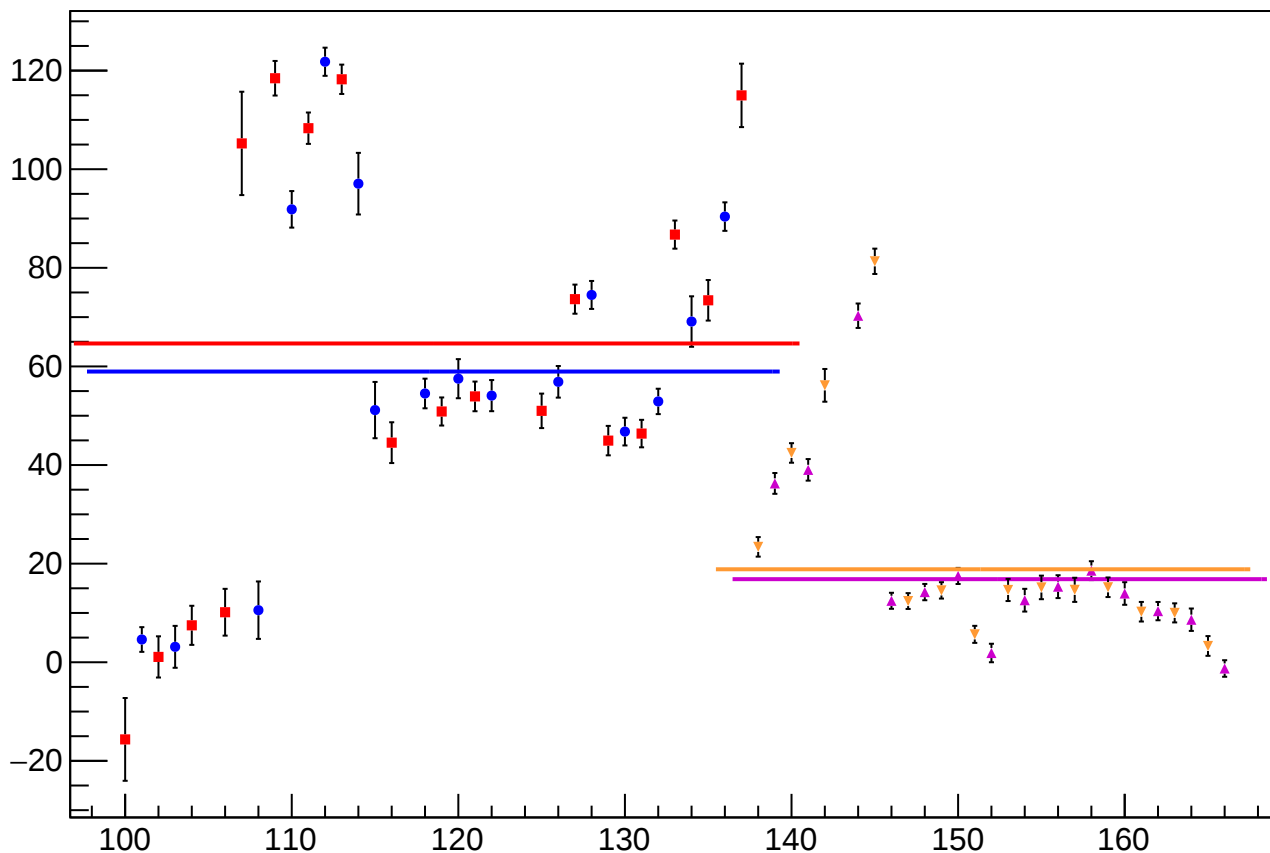
Left In: 2.309 ± 0.374 $\chi^2/\text{NDF}: 121.0/13$

+ sign 4.372 ± 0.285 $\chi^2/\text{NDF}: 627.0/29$

All: 4.674 ± 0.202 $\chi^2/\text{NDF}: 1224.2/61$

- sign 4.979 ± 0.287 $\chi^2/\text{NDF}: 594.9/31$

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.962 ± 0.837 χ^2/NDF : 1496.5/15

Left Out: 18.858 ± 0.542 χ^2/NDF : 1057.3/13

Right Out: 64.655 ± 0.840 χ^2/NDF : 1721.8/17

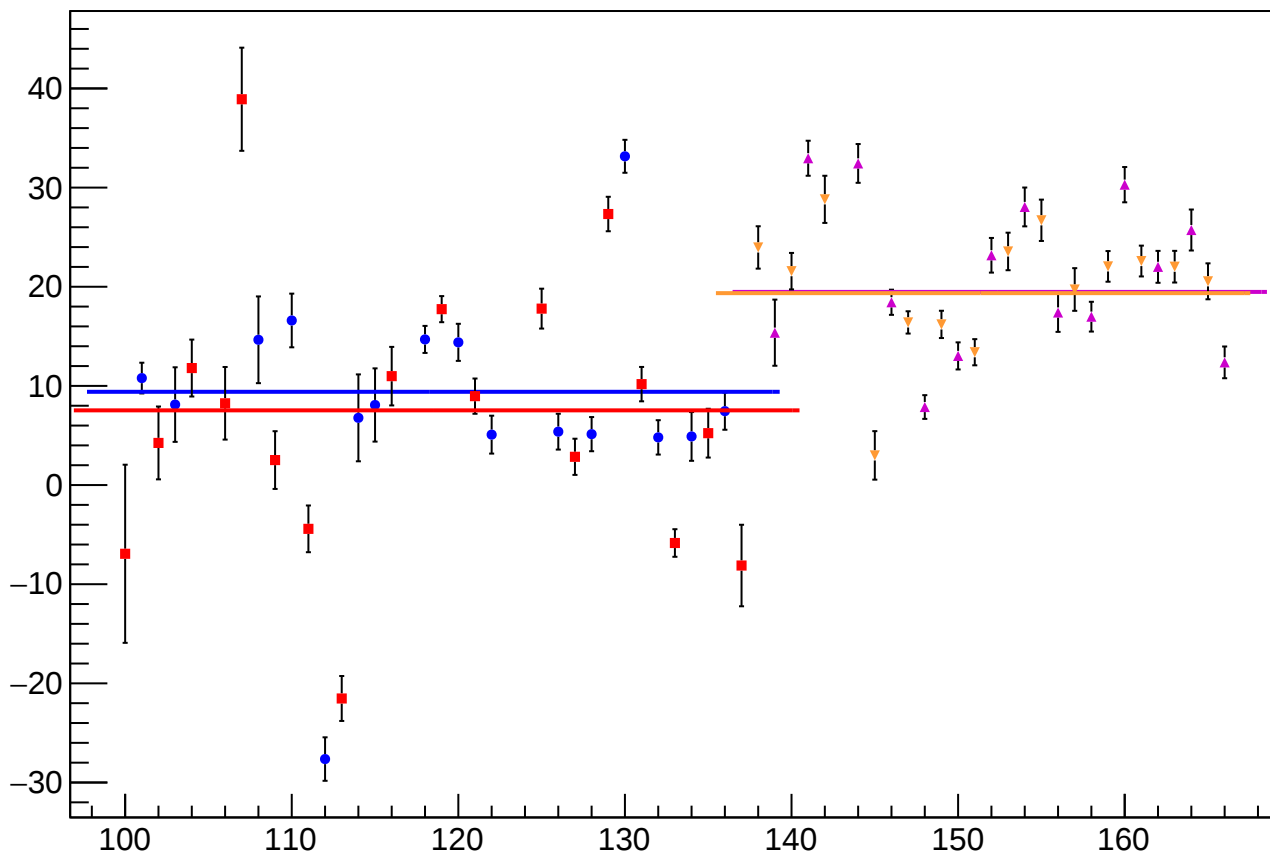
Left In: 16.853 ± 0.521 χ^2/NDF : 873.9/13

+ sign 30.717 ± 0.455 χ^2/NDF : 4170.9/29

All: 30.426 ± 0.317 χ^2/NDF : 9104.9/61

- sign 30.150 ± 0.443 χ^2/NDF : 4933.2/31

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.405 ± 0.507 $\chi^2/\text{NDF}: 549.5/15$

Left Out: 19.355 ± 0.447 $\chi^2/\text{NDF}: 127.2/13$

Right Out: 7.533 ± 0.515 $\chi^2/\text{NDF}: 569.8/17$

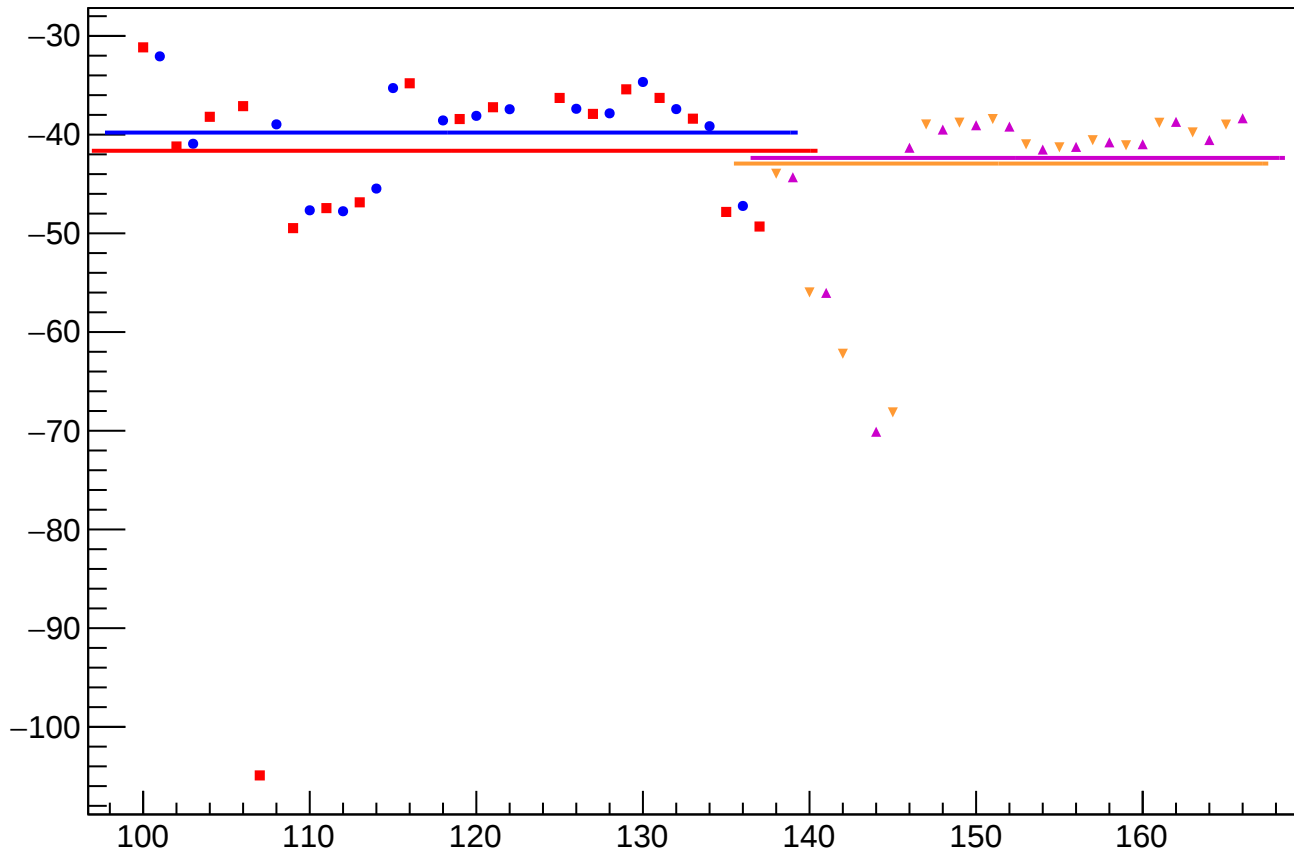
Left In: 19.480 ± 0.441 $\chi^2/\text{NDF}: 316.6/13$

+ sign 15.001 ± 0.335 $\chi^2/\text{NDF}: 893.6/29$

All: 14.713 ± 0.237 $\chi^2/\text{NDF}: 2092.1/61$

- sign 14.426 ± 0.335 $\chi^2/\text{NDF}: 1197.1/31$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.791 ± 0.031 χ^2/NDF : 26138.6/15

Left Out: -42.931 ± 0.022 χ^2/NDF : 124457.6/13

Right Out: -41.635 ± 0.031 χ^2/NDF : 94393.1/17

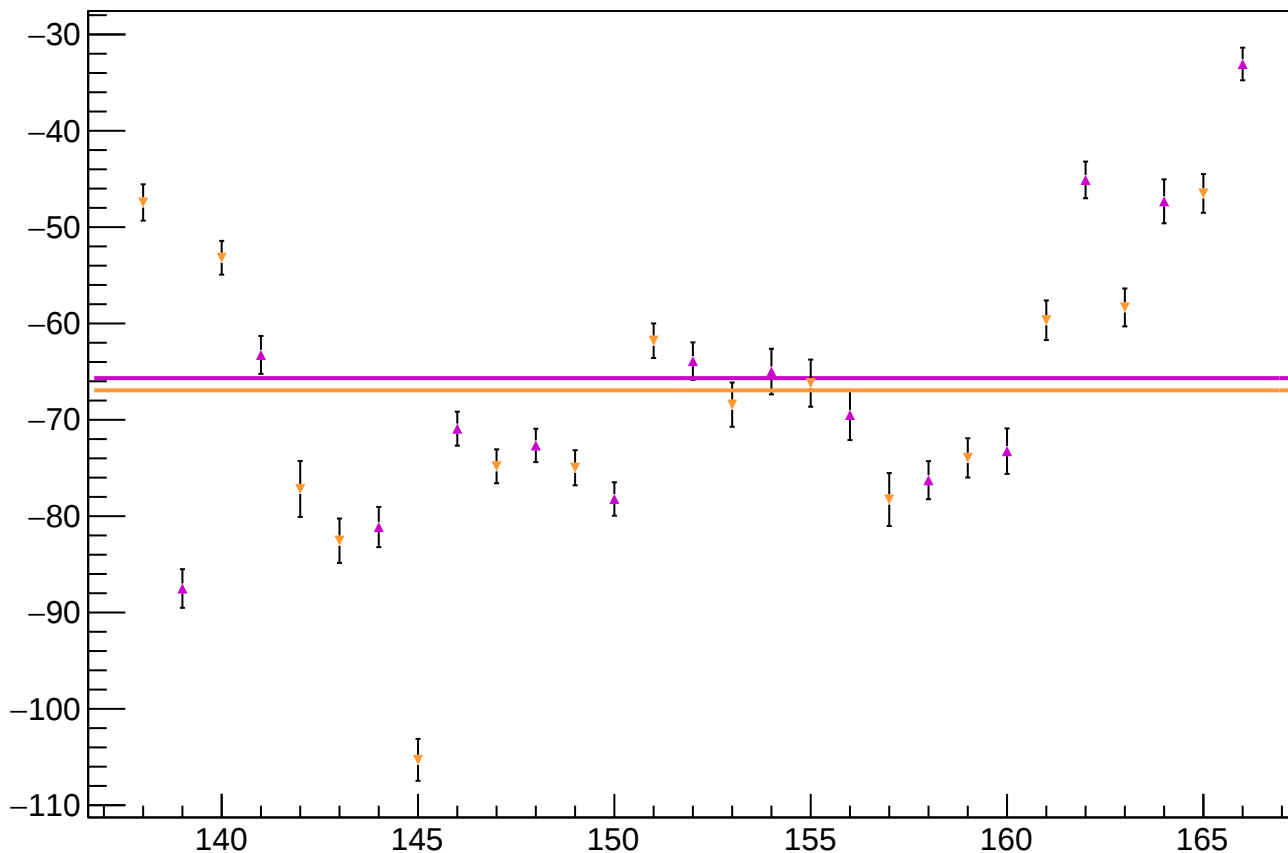
Left In: -42.359 ± 0.021 χ^2/NDF : 102425.1/13

+ sign -41.915 ± 0.018 χ^2/NDF : 157434.7/29

All: -42.028 ± 0.012 χ^2/NDF : 354705.5/61

- sign -42.137 ± 0.017 χ^2/NDF : 197190.7/31

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -66.943+/-0.532 χ^2/NDF : 750.5/14

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

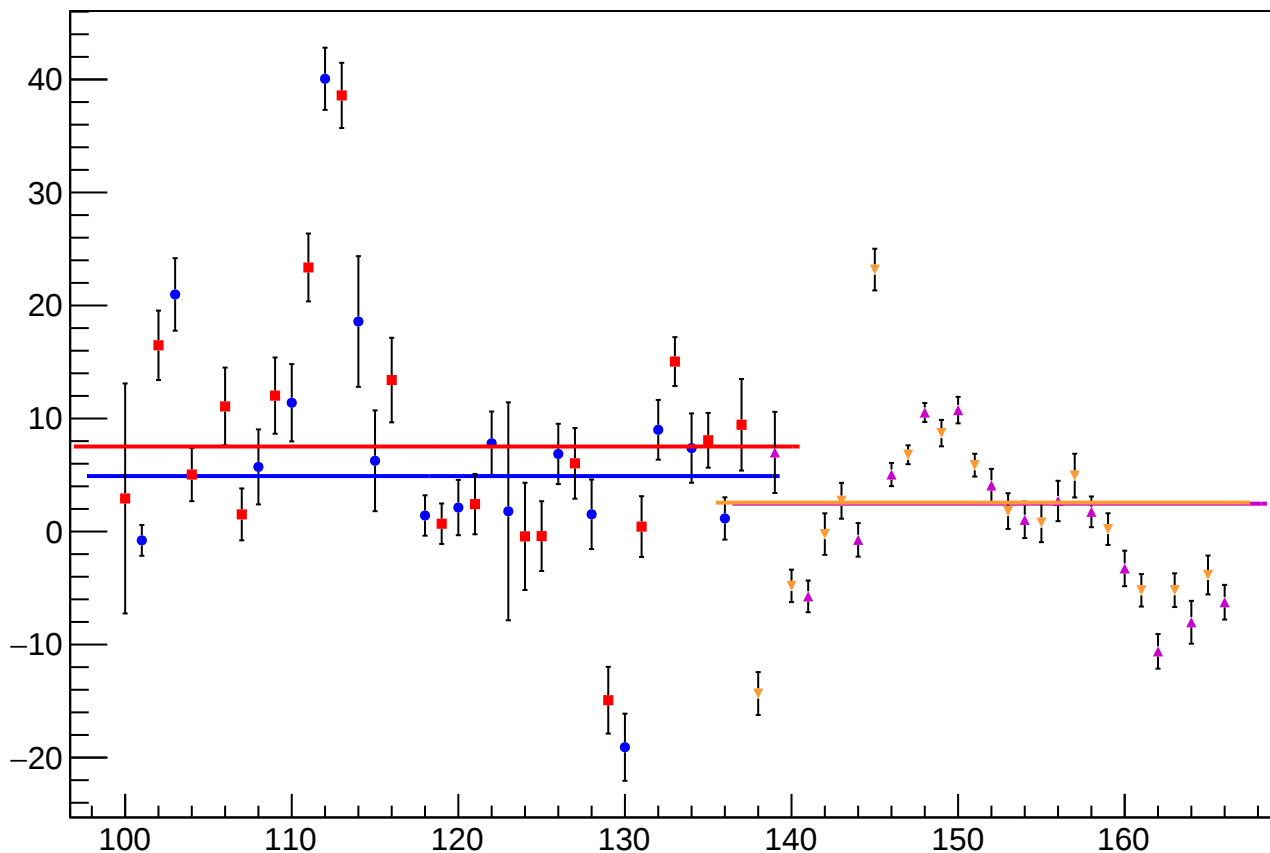
Left In: -65.672+/-0.529 χ^2/NDF : 847.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.304+/-0.375 χ^2/NDF : 1600.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.907 ± 0.628 χ^2/NDF : 295.4/16

Left Out: 2.560 ± 0.361 χ^2/NDF : 372.8/14

Right Out: 7.523 ± 0.651 χ^2/NDF : 270.6/18

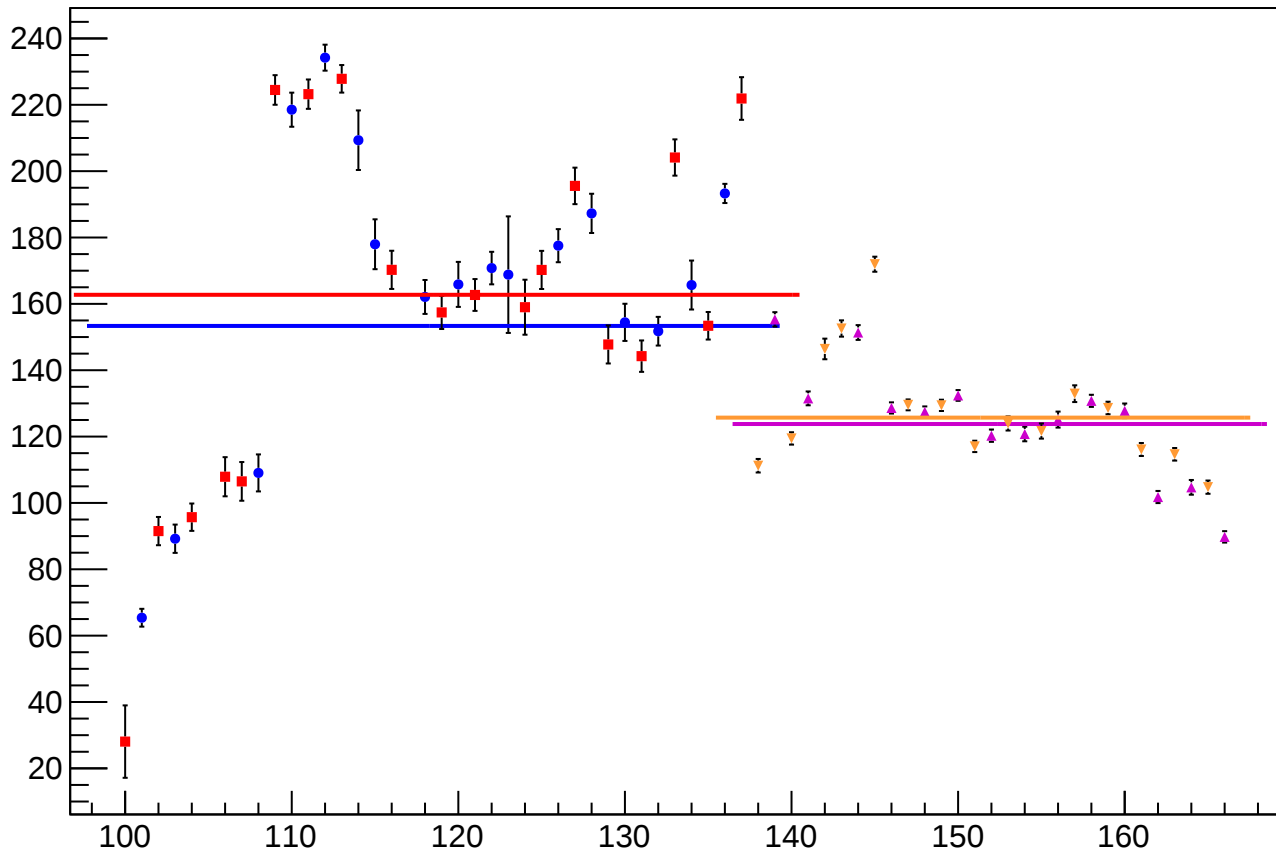
Left In: 2.466 ± 0.368 χ^2/NDF : 340.6/13

+ sign 3.143 ± 0.313 χ^2/NDF : 678.8/31

All: 3.411 ± 0.224 χ^2/NDF : 1337.2/64

- sign 3.693 ± 0.320 χ^2/NDF : 656.9/32

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.350 $\pm$ 1.150 χ^2 /NDF: 2268.3/16

Left Out: 125.712 $\pm$ 0.521 χ^2 /NDF:858.5/14

Right Out: 162.734 $\pm$ 1.177 χ^2 /NDF: 1708.8/18

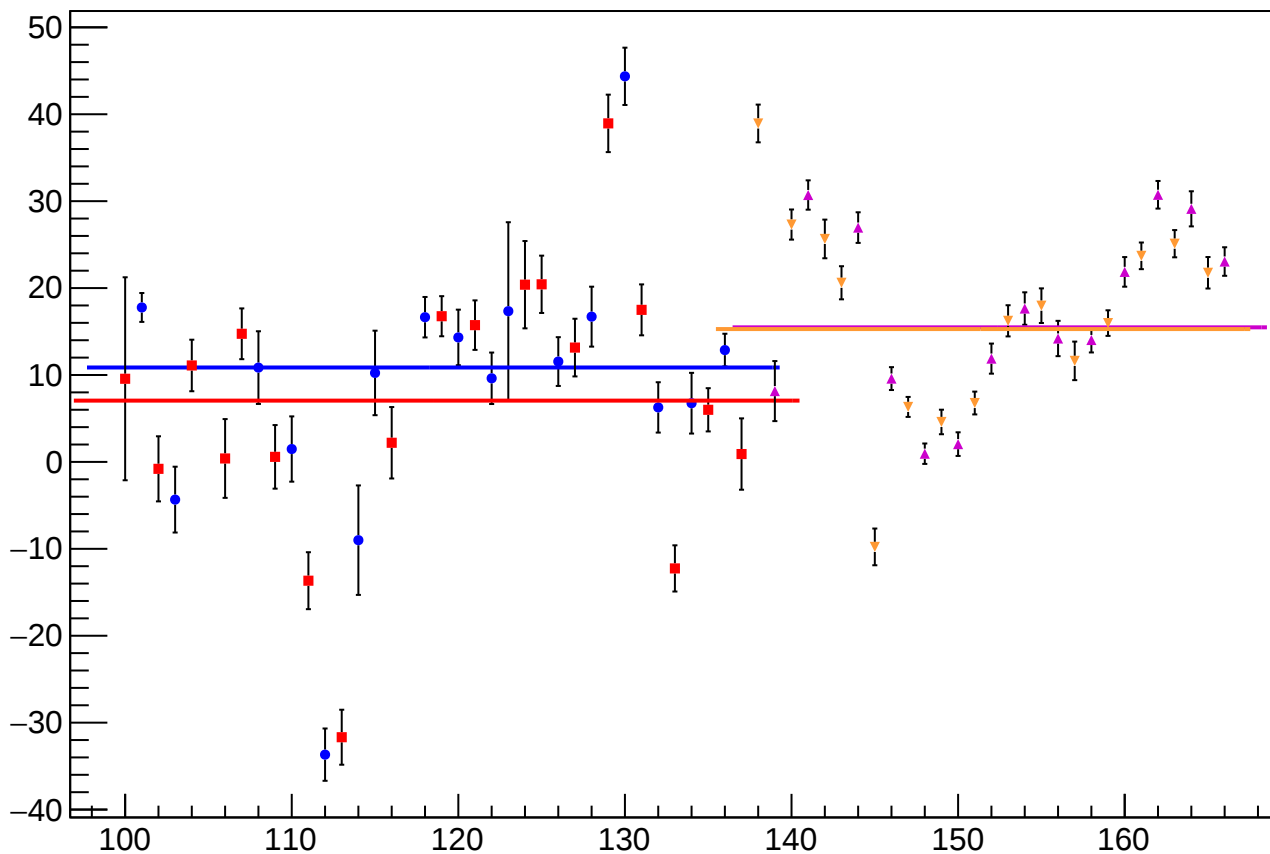
Left In: 123.786 $\pm$ 0.515 χ^2 /NDF:1049.9/13

+ sign 130.421 $\pm$ 0.475 χ^2 /NDF: 3605.8/31

All: 130.237 $\pm$ 0.335 χ^2 /NDF: 7283.7/64

- sign 130.055 $\pm$ 0.472 χ^2 /NDF: 3677.6/32

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.864 $\pm$ 0.719 χ^2/NDF : 387.9/16

Left Out: 15.284 $\pm$ 0.428 χ^2/NDF : 584.5/14

Right Out: 7.052 $\pm$ 0.748 χ^2/NDF : 424.7/18

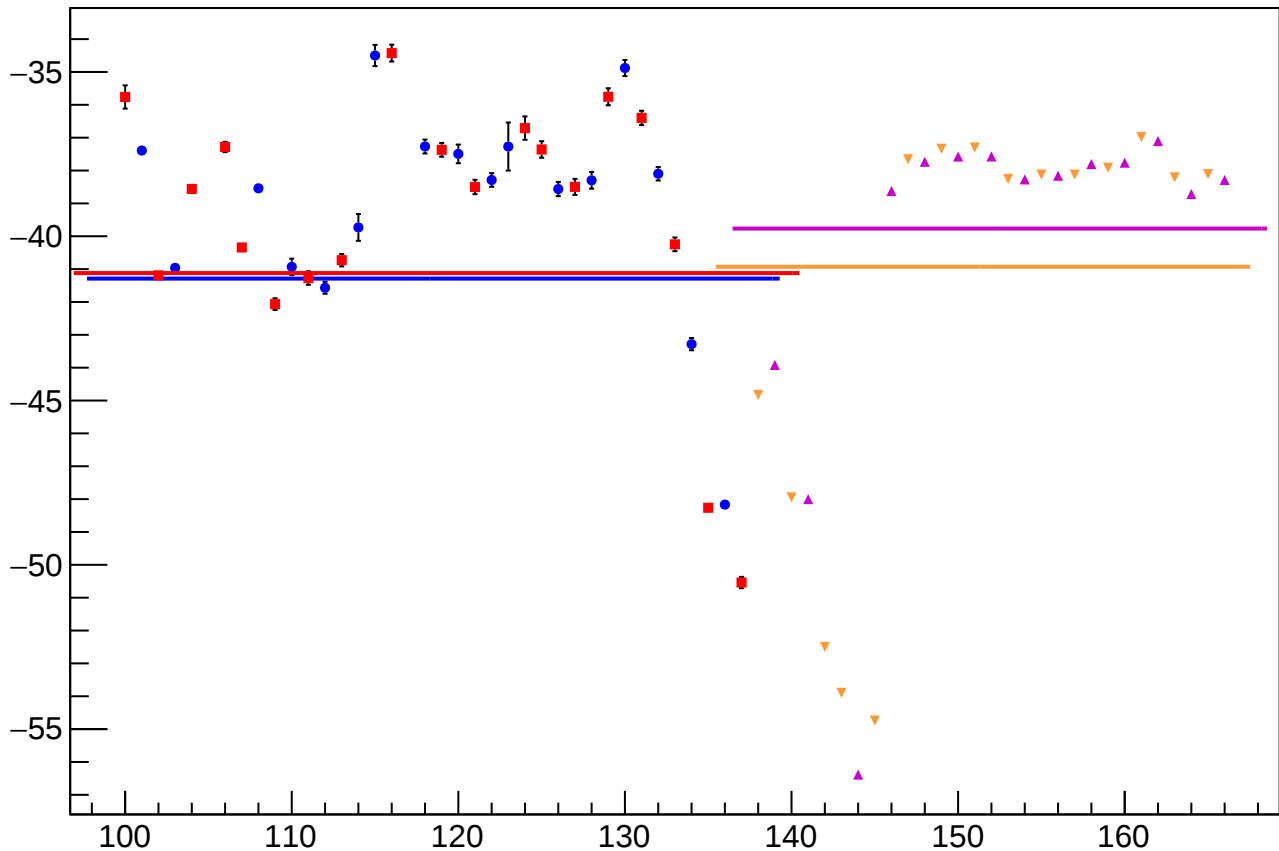
Left In: 15.483 $\pm$ 0.434 χ^2/NDF : 579.3/13

+ sign 14.128 $\pm$ 0.368 χ^2/NDF : 1000.3/31

All: 13.750 $\pm$ 0.263 χ^2/NDF : 2101.6/64

- sign 13.357 $\pm$ 0.375 χ^2/NDF : 1099.2/32

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.289 ± 0.039 $\chi^2/\text{NDF}: 12509.1/16$

Left Out: -40.928 ± 0.021 $\chi^2/\text{NDF}: 76804.1/14$

Right Out: -41.120 ± 0.039 $\chi^2/\text{NDF}: 12110.6/18$

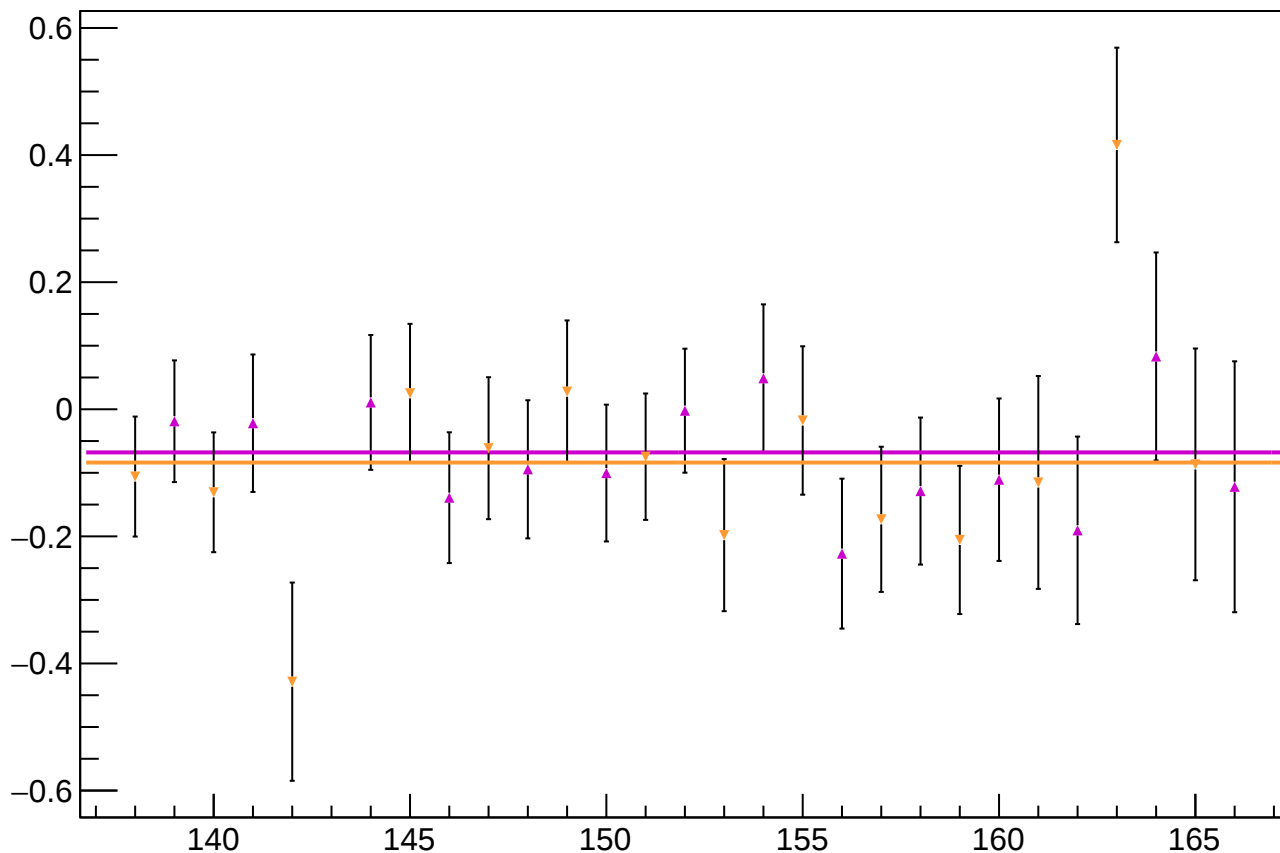
Left In: -39.765 ± 0.021 $\chi^2/\text{NDF}: 48558.0/13$

+ sign -41.009 ± 0.018 $\chi^2/\text{NDF}: 89380.8/31$

All: -40.534 ± 0.013 $\chi^2/\text{NDF}: 152351.9/64$

- sign -40.064 ± 0.018 $\chi^2/\text{NDF}: 61625.7/32$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.084 $\pm$ 0.031 χ^2 /NDF: 20.8/13

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

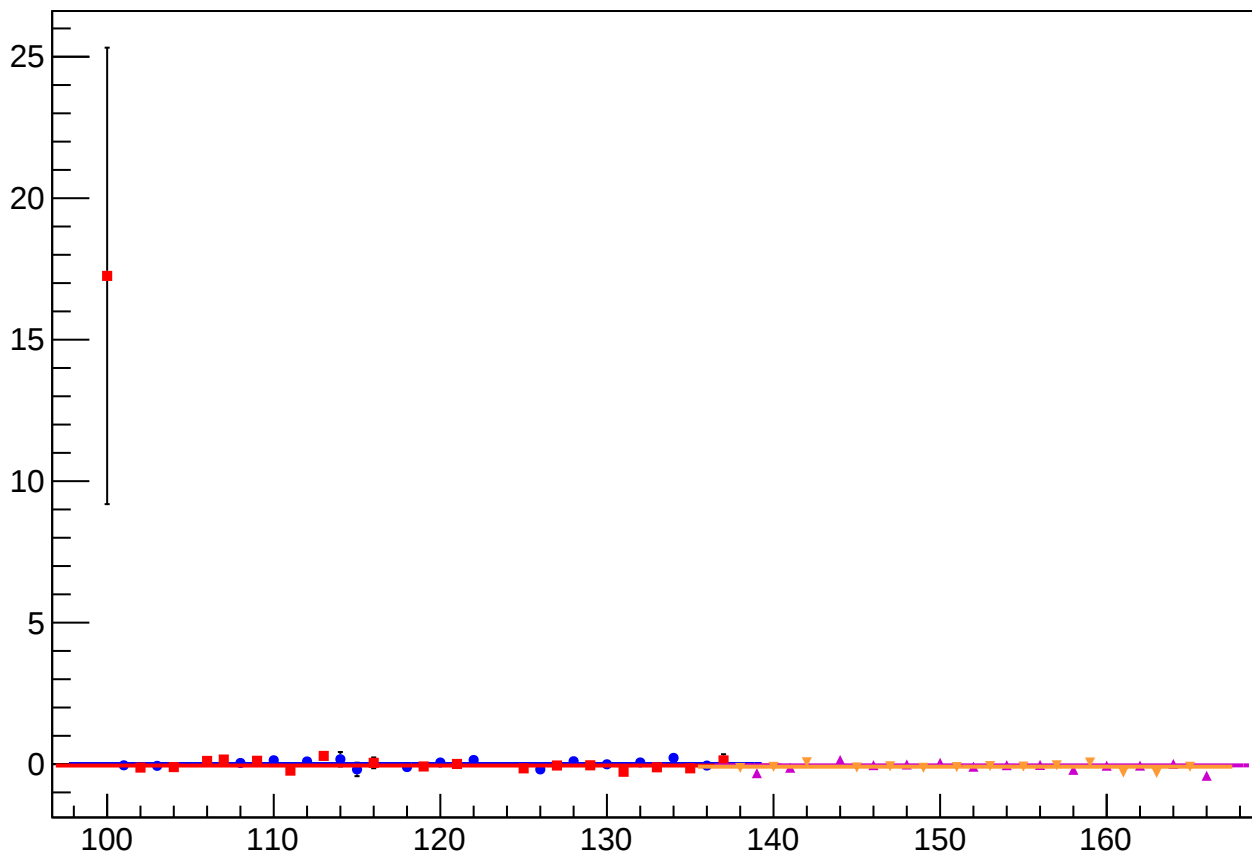
Left In: -0.068 $\pm$ 0.031 χ^2 /NDF: 6.9/13

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

All: -0.076 $\pm$ 0.022 χ^2 /NDF: 27.9/27

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.003 $\pm$ 0.029 χ^2 /NDF: 12.4/15

Left Out: -0.090 $\pm$ 0.022 χ^2 /NDF: 13.7/13

Right Out: -0.050 $\pm$ 0.029 χ^2 /NDF: 25.6/17

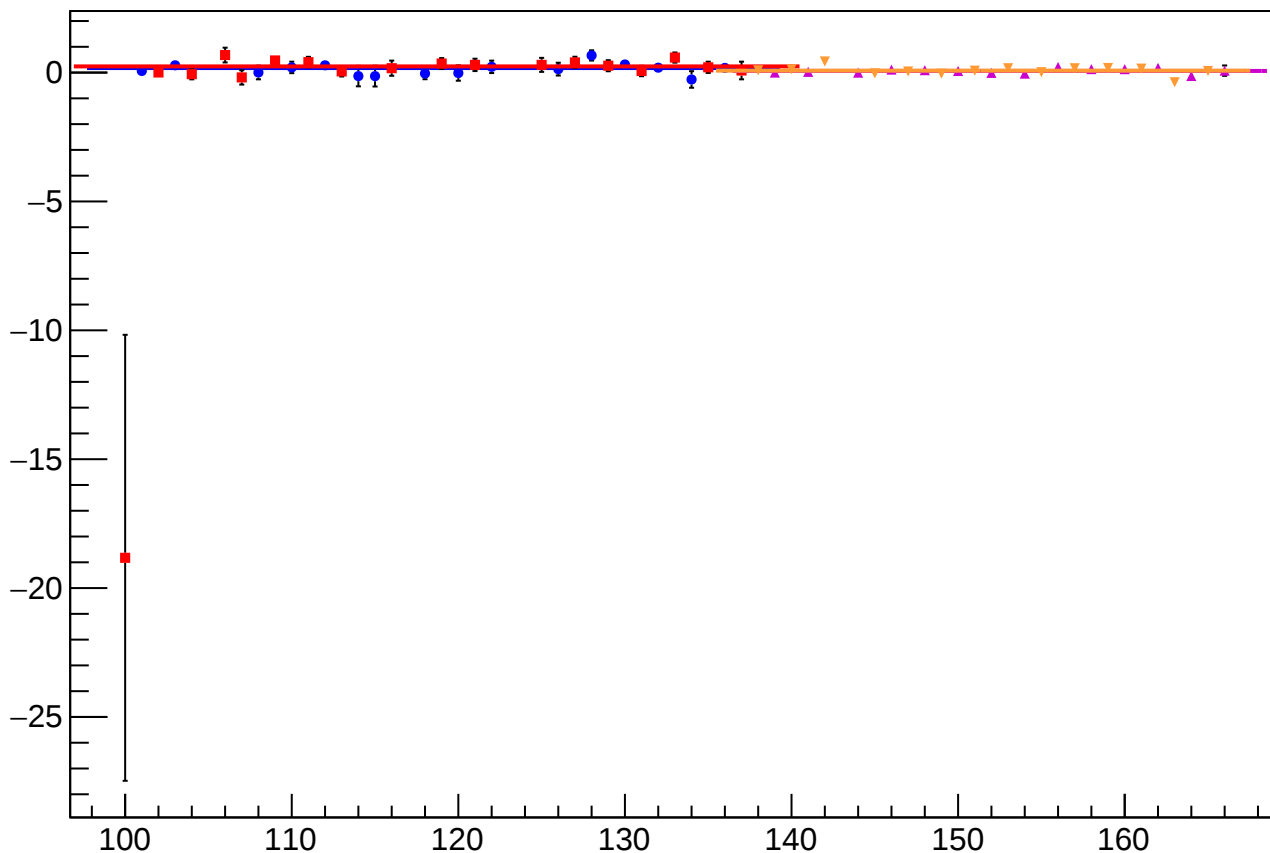
Left In: -0.044 $\pm$ 0.022 χ^2 /NDF: 20.5/13

+ sign -0.056 $\pm$ 0.017 χ^2 /NDF: 32.9/29

All: -0.051 $\pm$ 0.012 χ^2 /NDF: 79.2/61

- sign -0.046 $\pm$ 0.017 χ^2 /NDF: 46.1/31

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.176 $\pm$ 0.053 χ^2 /NDF: 13.0/15

Left Out: 0.074 $\pm$ 0.031 χ^2 /NDF: 19.2/13

Right Out: 0.240 $\pm$ 0.054 χ^2 /NDF: 21.6/17

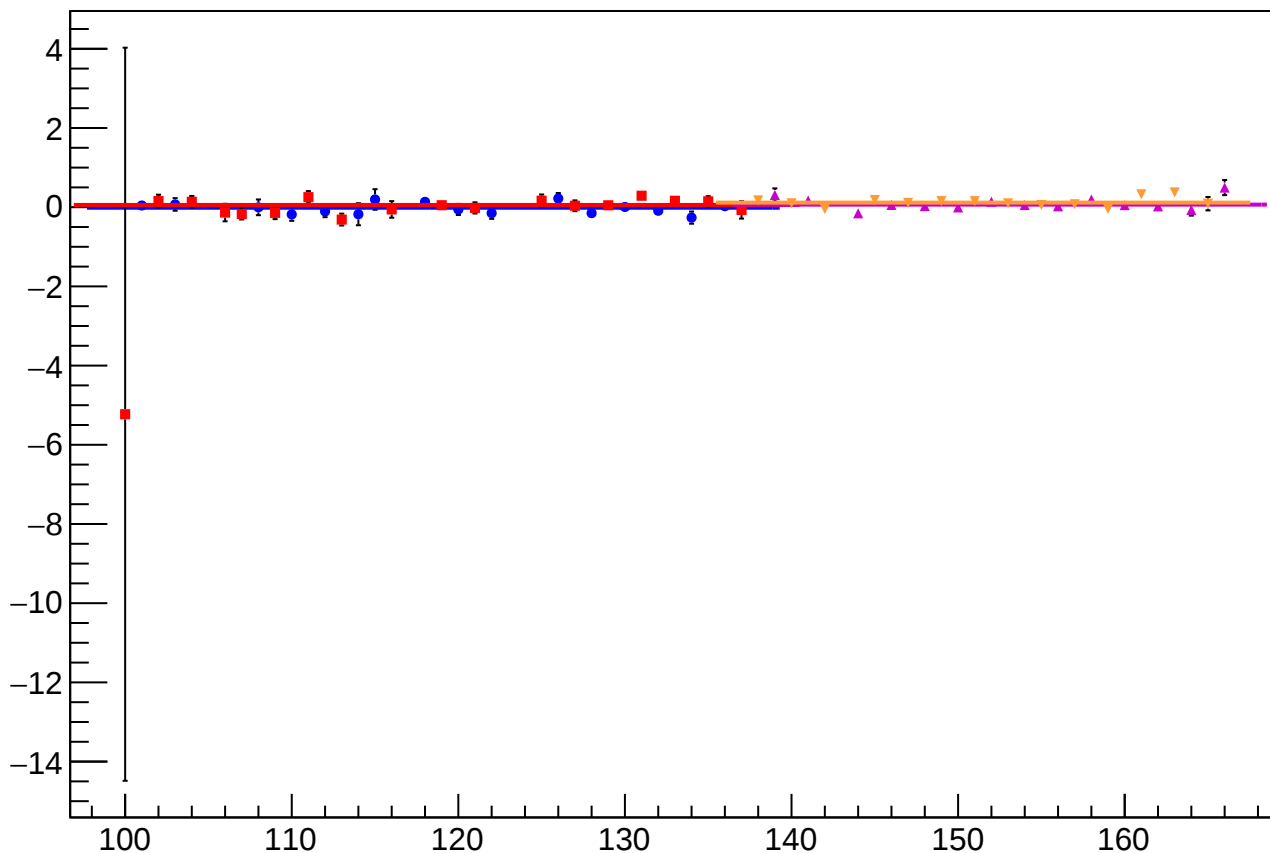
Left In: 0.063 $\pm$ 0.030 χ^2 /NDF: 7.7/13

+ sign 0.100 $\pm$ 0.027 χ^2 /NDF: 35.0/29

All: 0.103 $\pm$ 0.019 χ^2 /NDF: 72.5/61

- sign 0.105 $\pm$ 0.026 χ^2 /NDF: 37.5/31

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.013 ± 0.033 χ^2/NDF : 13.6/15

Left Out: 0.116 ± 0.026 χ^2/NDF : 14.5/13

Right Out: 0.057 ± 0.034 χ^2/NDF : 20.3/17

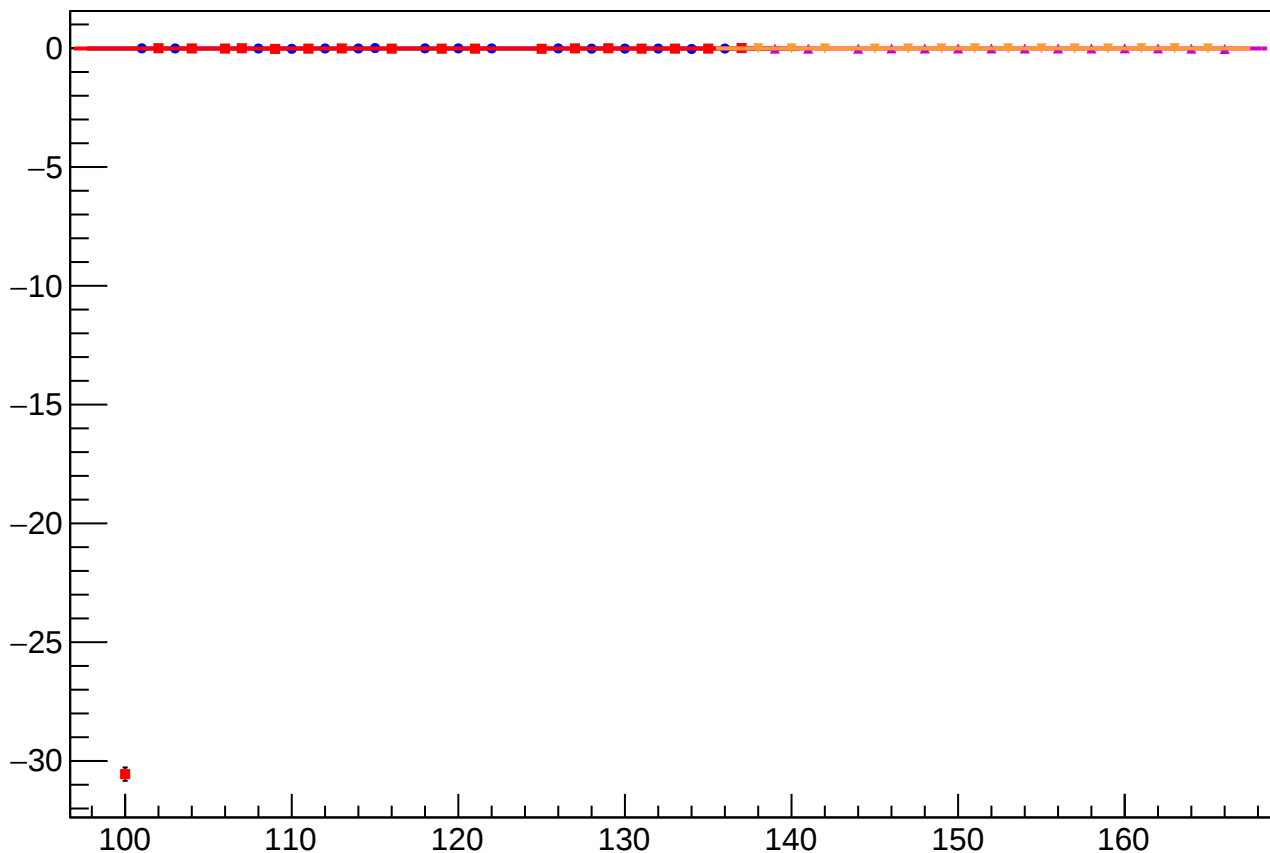
Left In: 0.064 ± 0.026 χ^2/NDF : 19.8/13

+ sign 0.067 ± 0.020 χ^2/NDF : 37.6/29

All: 0.064 ± 0.014 χ^2/NDF : 77.8/61

- sign 0.062 ± 0.020 χ^2/NDF : 40.1/31

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:12.3/13

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.4/17

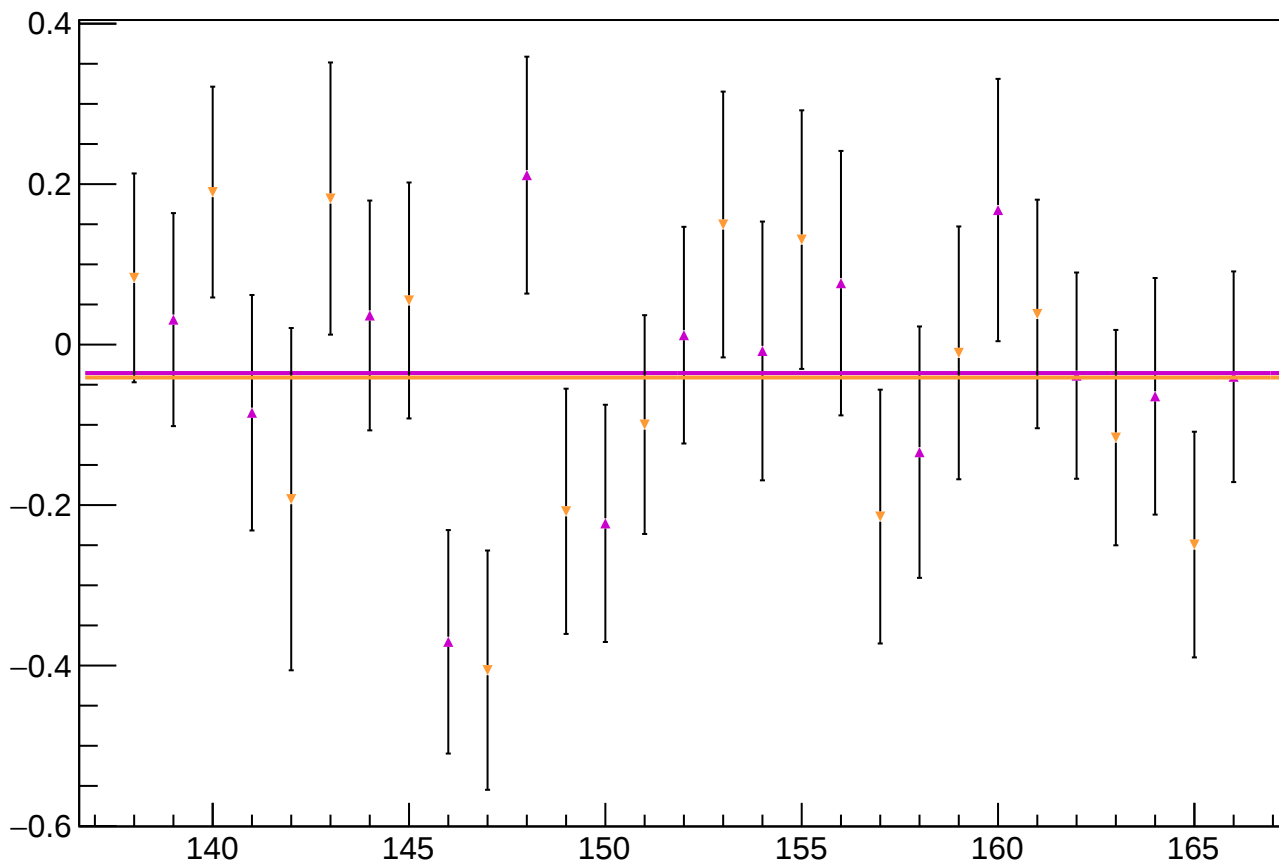
Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:16.3/13

+ sign -0.009 $\pm$ 0.001 χ^2 /NDF: 27.9/29

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11937.7/61

- sign -0.011 $\pm$ 0.001 χ^2 /NDF: 11908.0/31

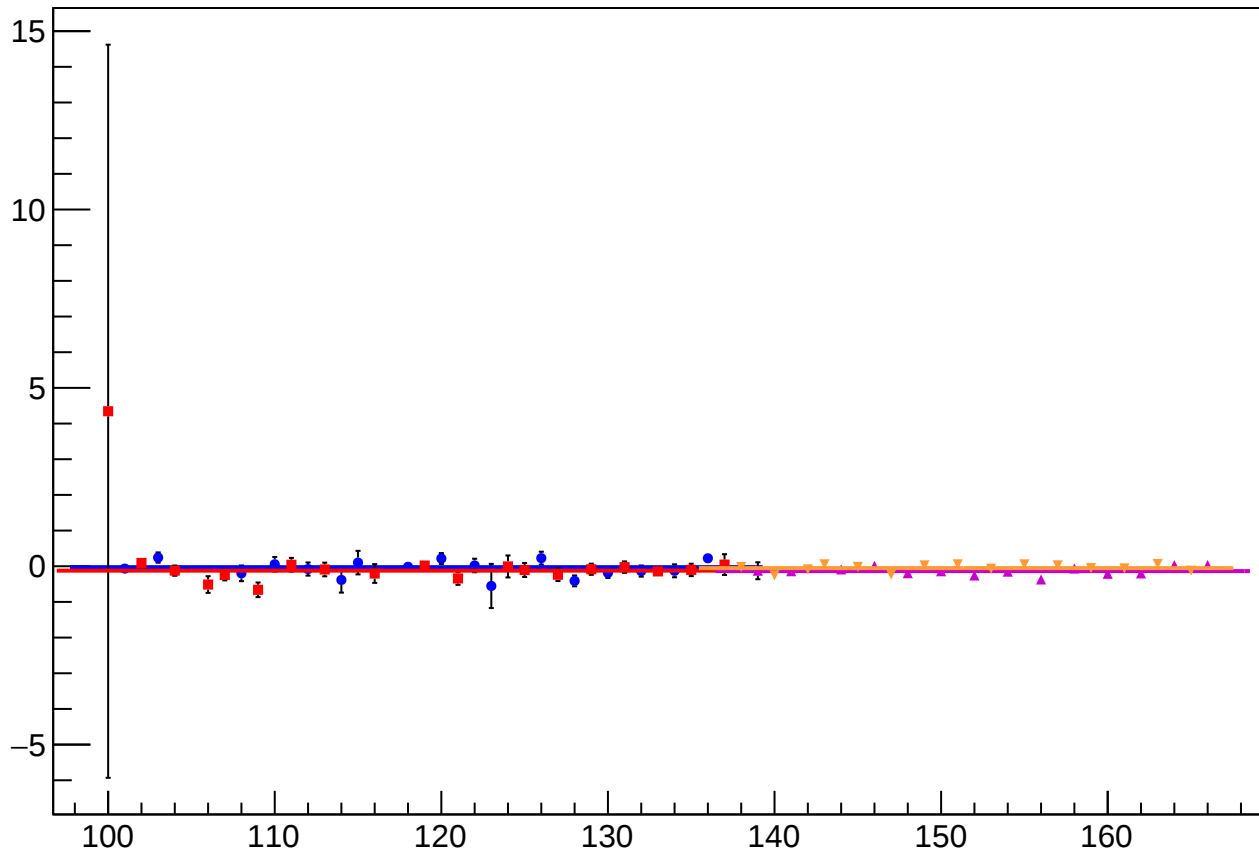
reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.041 $\pm$ 0.039 χ^2 /NDF: 20.5/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.035 $\pm$ 0.039 χ^2 /NDF: 13.4/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.038 $\pm$ 0.027 χ^2 /NDF: 33.9/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.026 ± 0.037 χ^2/NDF : 22.7/16

Left Out: -0.053 ± 0.027 χ^2/NDF : 16.4/14

Right Out: -0.124 ± 0.039 χ^2/NDF : 18.3/18

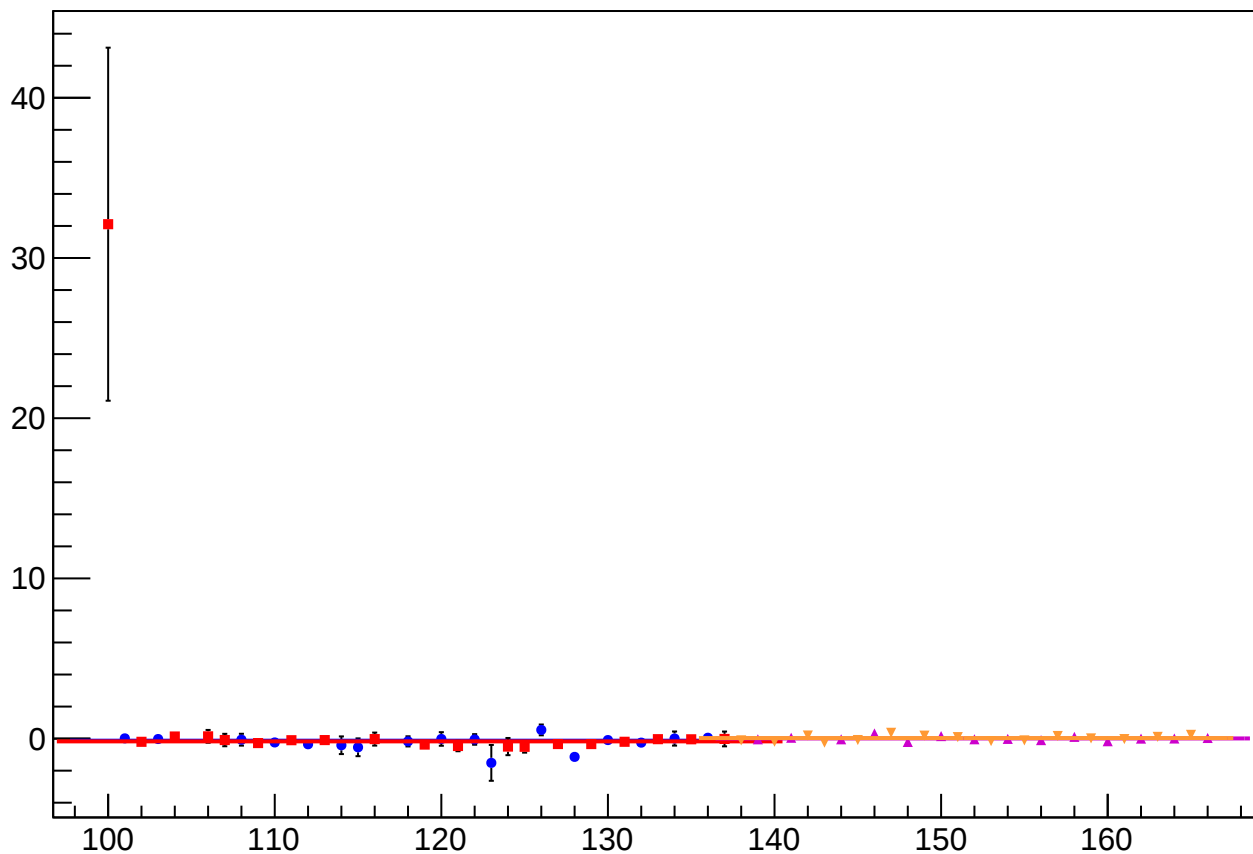
Left In: -0.136 ± 0.028 χ^2/NDF : 15.1/13

+ sign -0.043 ± 0.022 χ^2/NDF : 39.4/31

All: -0.086 ± 0.016 χ^2/NDF : 80.7/64

- sign -0.132 ± 0.023 χ^2/NDF : 33.4/32

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.1/16

Left Out: 0.034 ± 0.038 χ^2/NDF : 20.0/14

Right Out: -0.172 ± 0.071 χ^2/NDF : 14.9/18

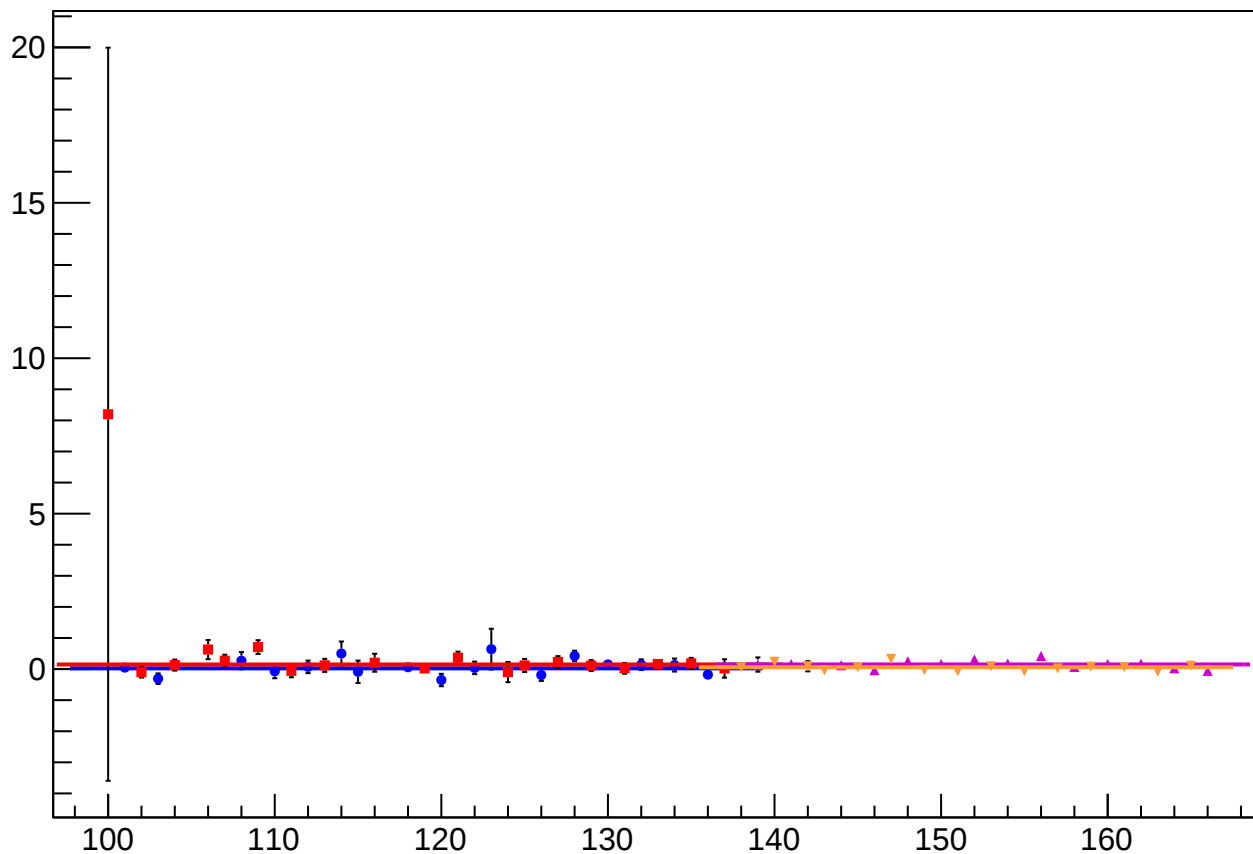
Left In: 0.011 ± 0.038 χ^2/NDF : 12.0/13

+ sign -0.005 ± 0.033 χ^2/NDF : 47.6/31

All: -0.017 ± 0.023 χ^2/NDF : 80.0/64

- sign -0.029 ± 0.033 χ^2/NDF : 32.1/32

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.023 ± 0.043 χ^2/NDF : 21.3/16

Left Out: 0.058 ± 0.032 χ^2/NDF : 15.3/14

Right Out: 0.148 ± 0.045 χ^2/NDF : 16.6/18

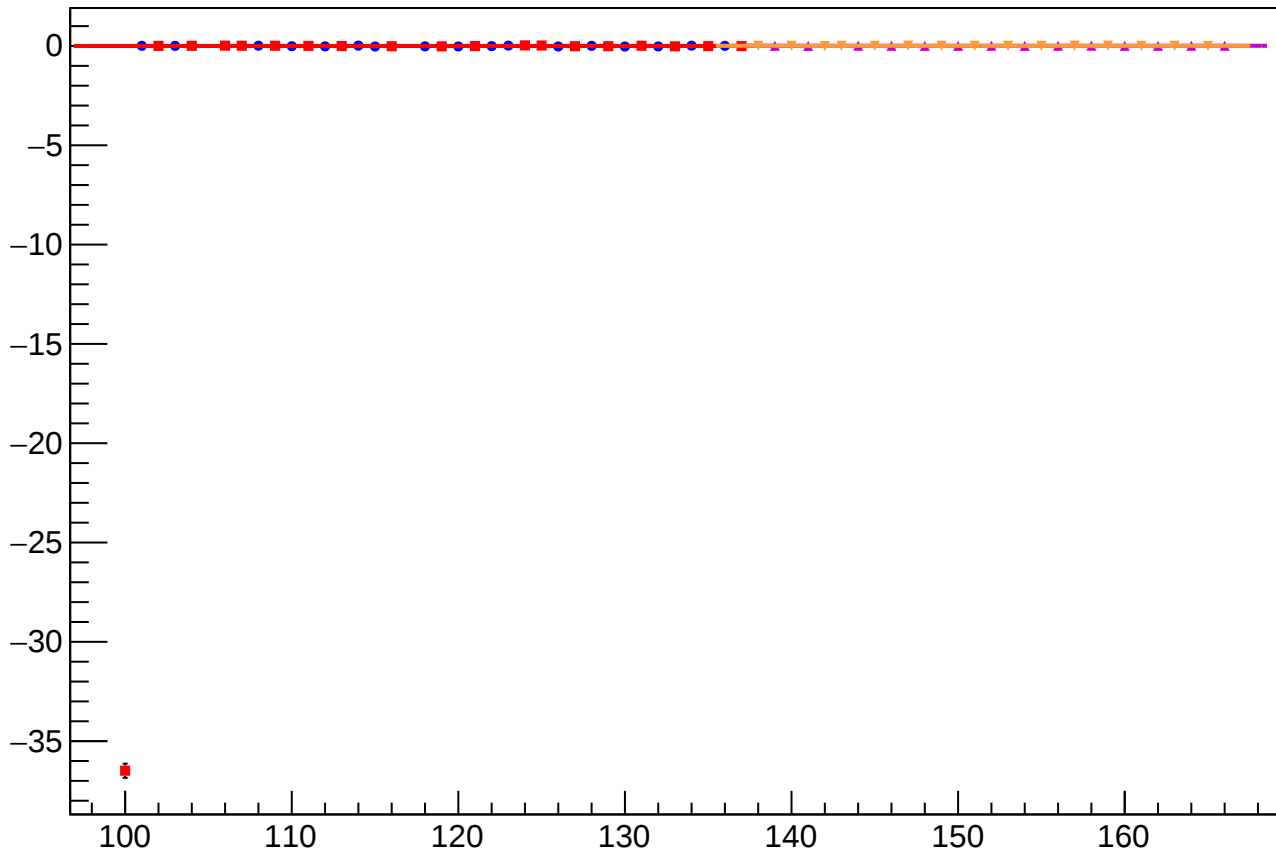
Left In: 0.149 ± 0.032 χ^2/NDF : 14.7/13

+ sign 0.045 ± 0.025 χ^2/NDF : 37.1/31

All: 0.095 ± 0.018 χ^2/NDF : 76.3/64

- sign 0.148 ± 0.026 χ^2/NDF : 31.3/32

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 30.6/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF: 8.8/14

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

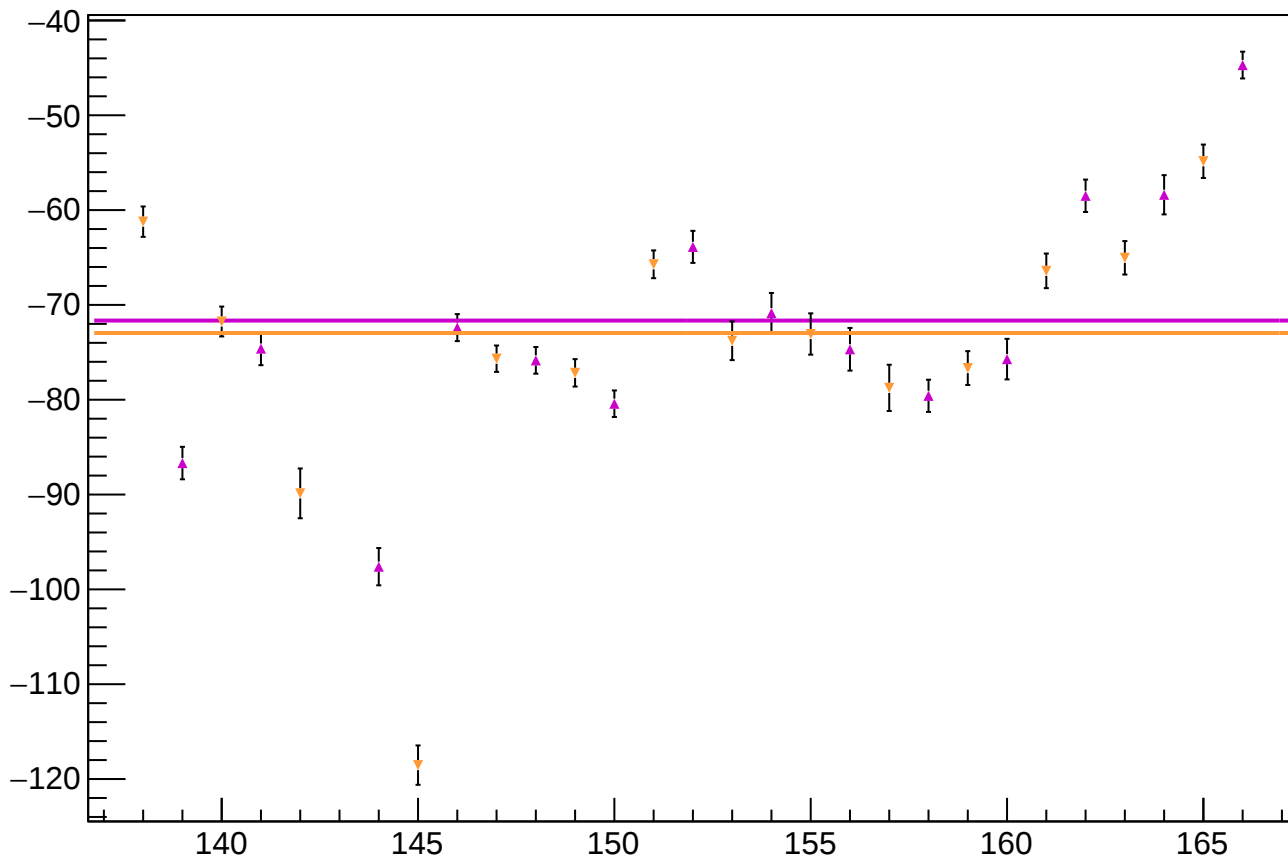
Left In: 0.011 $\pm$ 0.001 χ^2 /NDF: 5.7/13

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 49.4/31

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10518.1/64

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10468.5/32

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -72.963+/-0.471 χ^2/NDF : 763.6/13

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

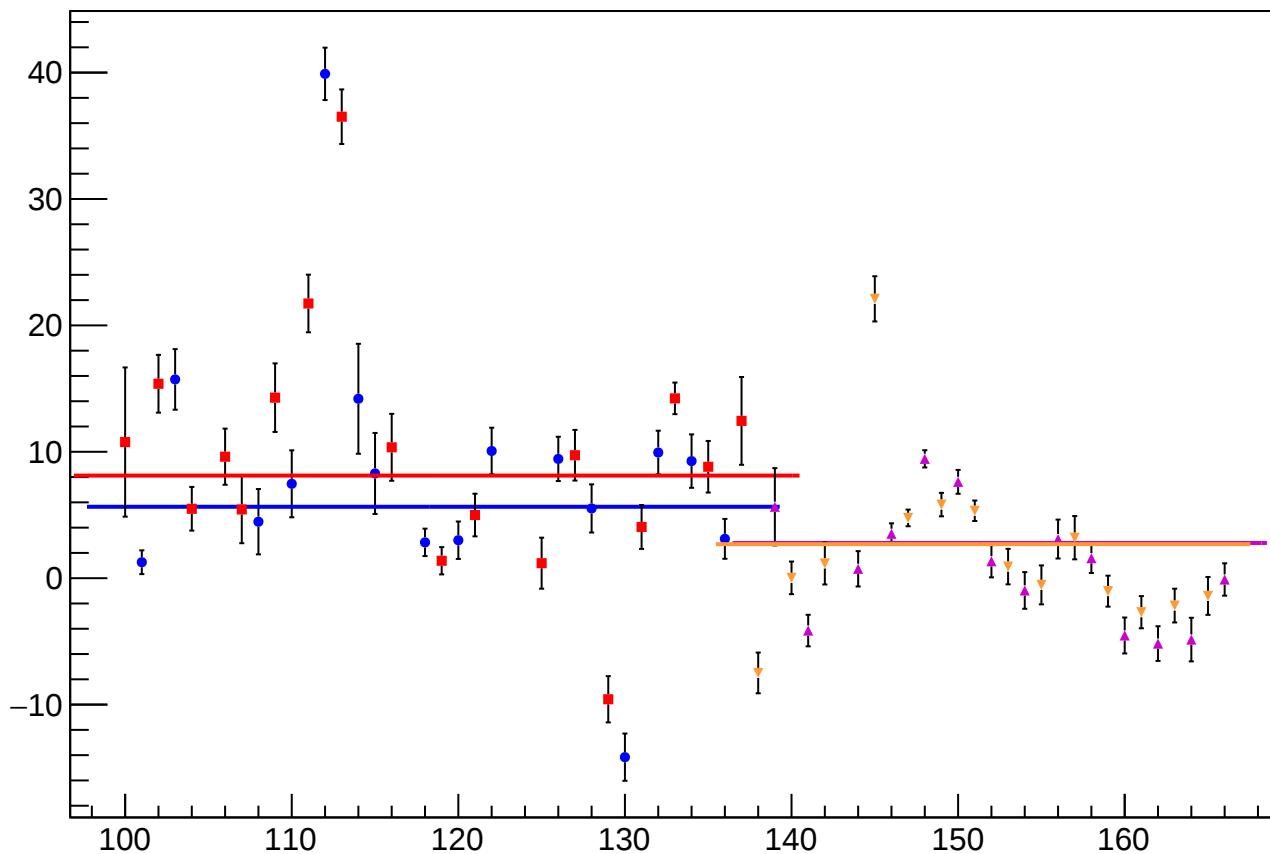
Left In: -71.651+/-0.454 χ^2/NDF : 815.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.283+/-0.327 χ^2/NDF : 1583.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.651 ± 0.429 χ^2/NDF : 461.9/15

Left Out: 2.692 ± 0.313 χ^2/NDF : 248.7/13

Right Out: 8.119 ± 0.453 χ^2/NDF : 407.9/17

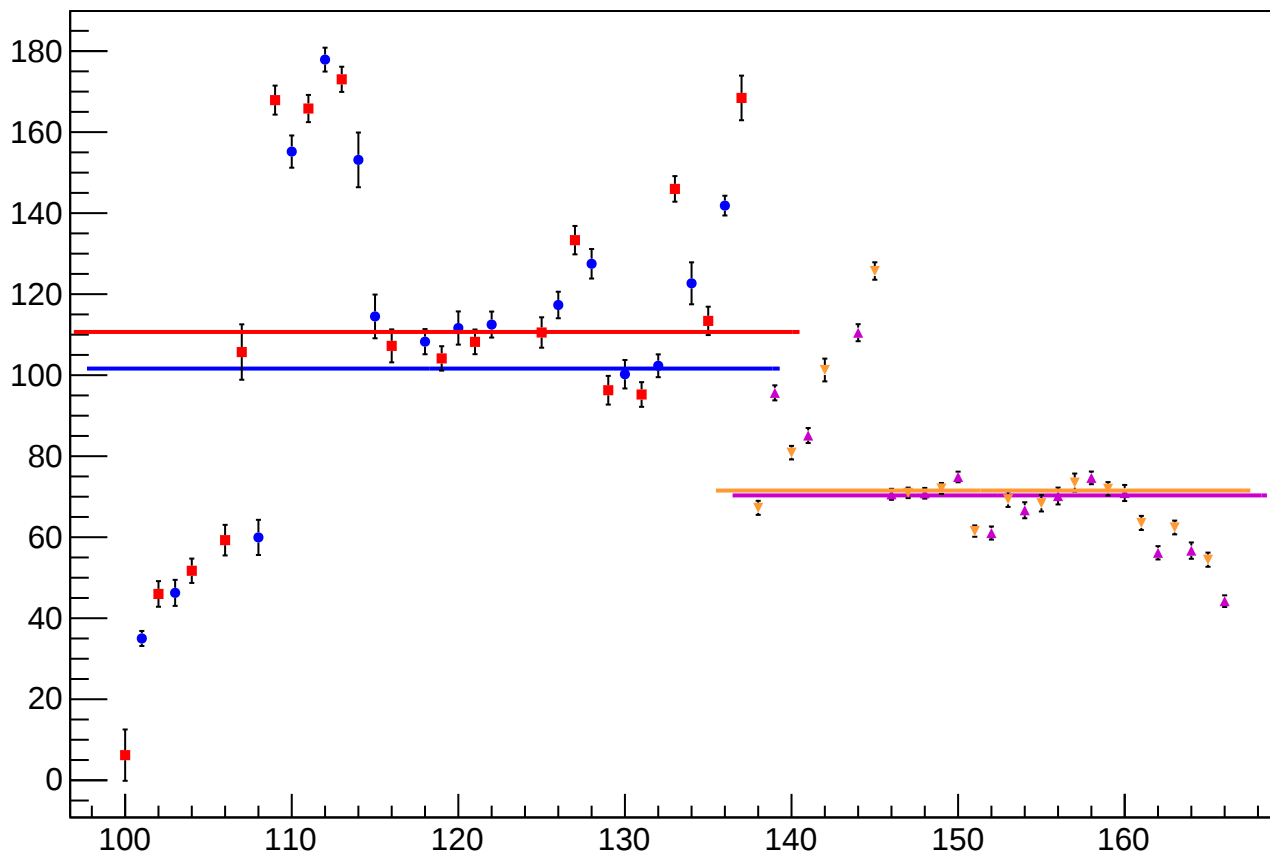
Left In: 2.786 ± 0.313 χ^2/NDF : 250.0/13

+ sign 3.719 ± 0.253 χ^2/NDF : 741.7/29

All: 4.108 ± 0.180 χ^2/NDF : 1498.3/61

- sign 4.511 ± 0.257 χ^2/NDF : 751.9/31

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.630 $\pm$ 0.812 χ^2 /NDF: 2980.2/15

Left Out: 71.523 $\pm$ 0.458 χ^2 /NDF: 983.2/13

Right Out: 110.669 $\pm$ 0.836 χ^2 /NDF: 2514.0/17

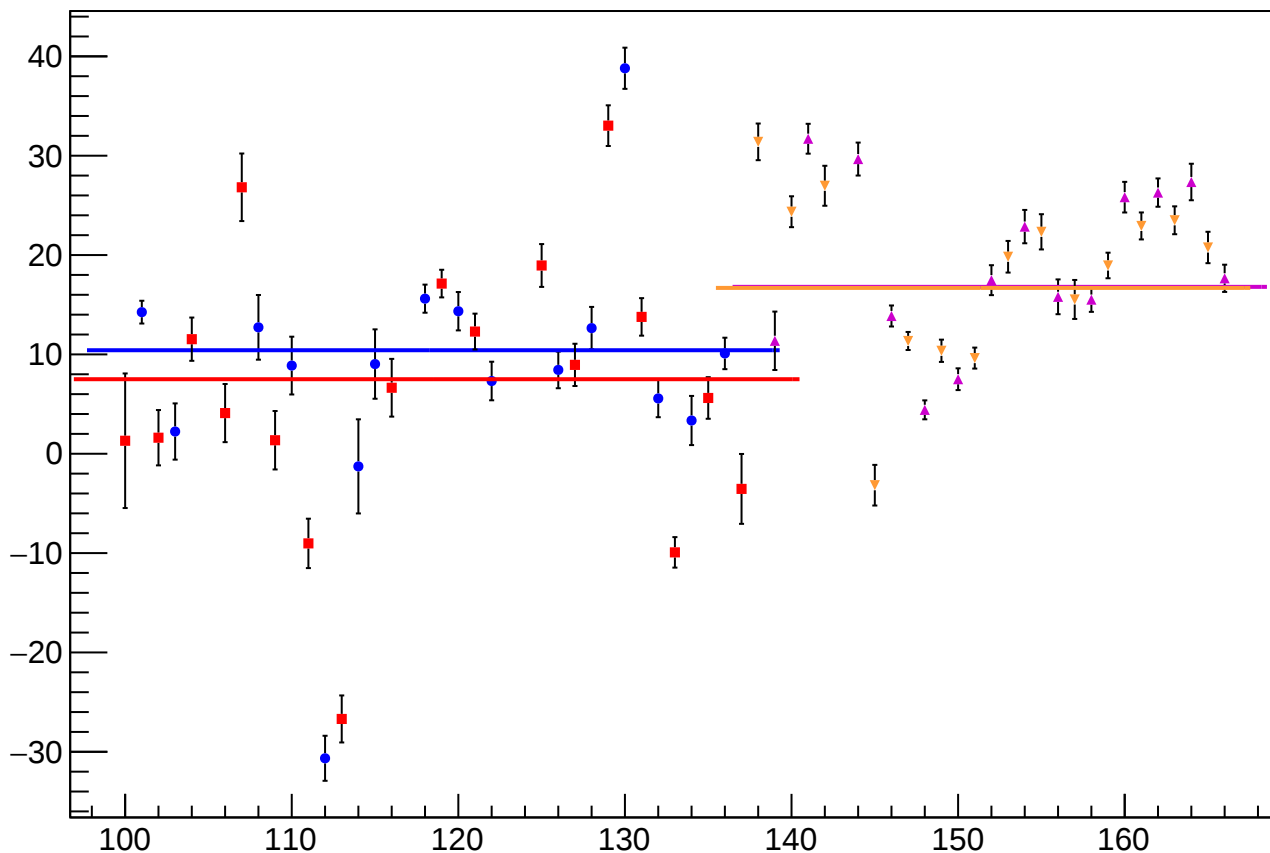
Left In: 70.318 $\pm$ 0.441 χ^2 /NDF: 1119.6/13

+ sign 78.786 $\pm$ 0.399 χ^2 /NDF: 5006.4/29

All: 78.954 $\pm$ 0.279 χ^2 /NDF: 10461.7/61

- sign 79.115 $\pm$ 0.390 χ^2 /NDF: 5455.0/31

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.420 $\pm$ 0.497 χ^2 /NDF: 579.7/15

Left Out: 16.693 $\pm$ 0.375 χ^2 /NDF: 388.0/13

Right Out: 7.502 $\pm$ 0.523 χ^2 /NDF: 689.4/17

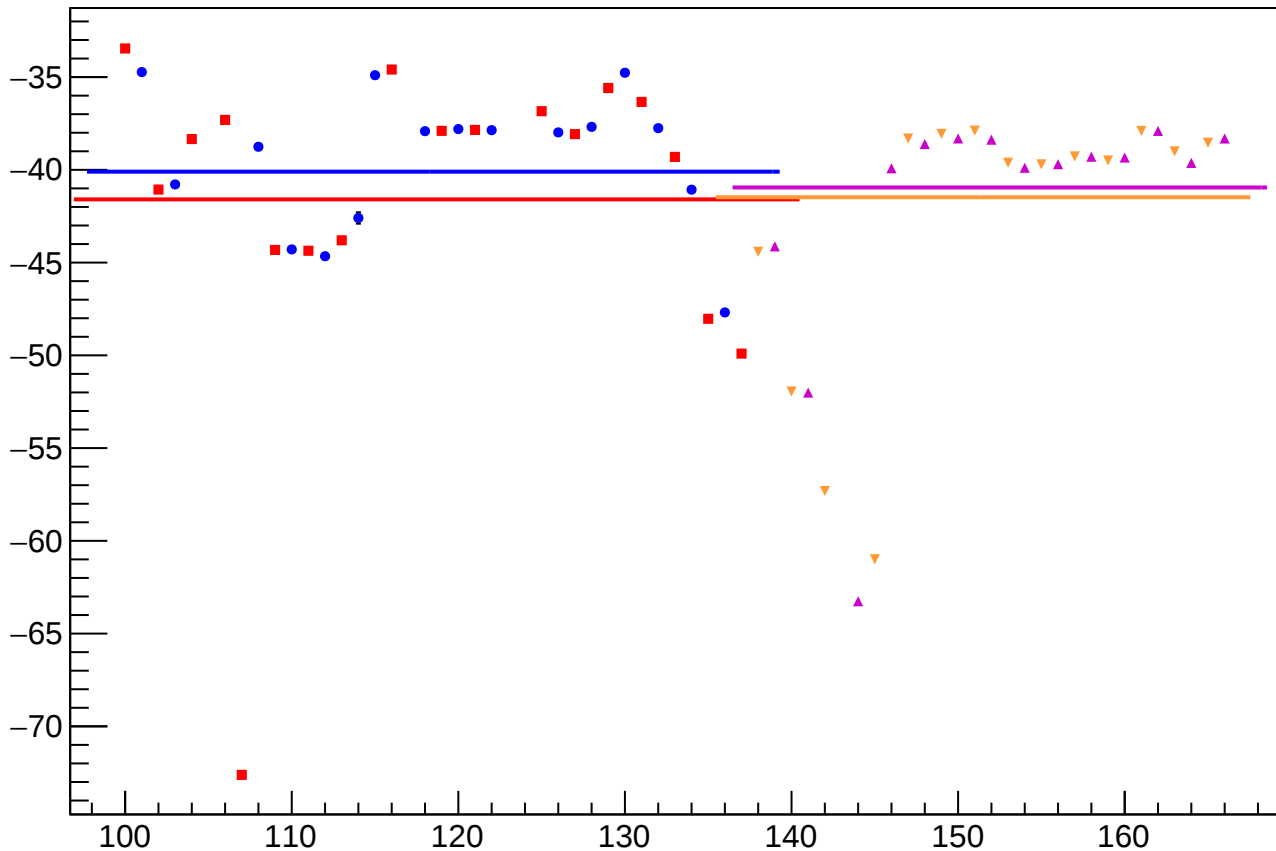
Left In: 16.799 $\pm$ 0.371 χ^2 /NDF: 536.9/13

+ sign 14.422 $\pm$ 0.299 χ^2 /NDF: 1069.2/29

All: 14.060 $\pm$ 0.213 χ^2 /NDF: 2508.6/61

- sign 13.691 $\pm$ 0.303 χ^2 /NDF: 1436.4/31

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.098 ± 0.028 χ^2/NDF : 25073.4/15

Left Out: -41.478 ± 0.018 χ^2/NDF : 113194.1/13

Right Out: -41.592 ± 0.029 χ^2/NDF : 61677.7/17

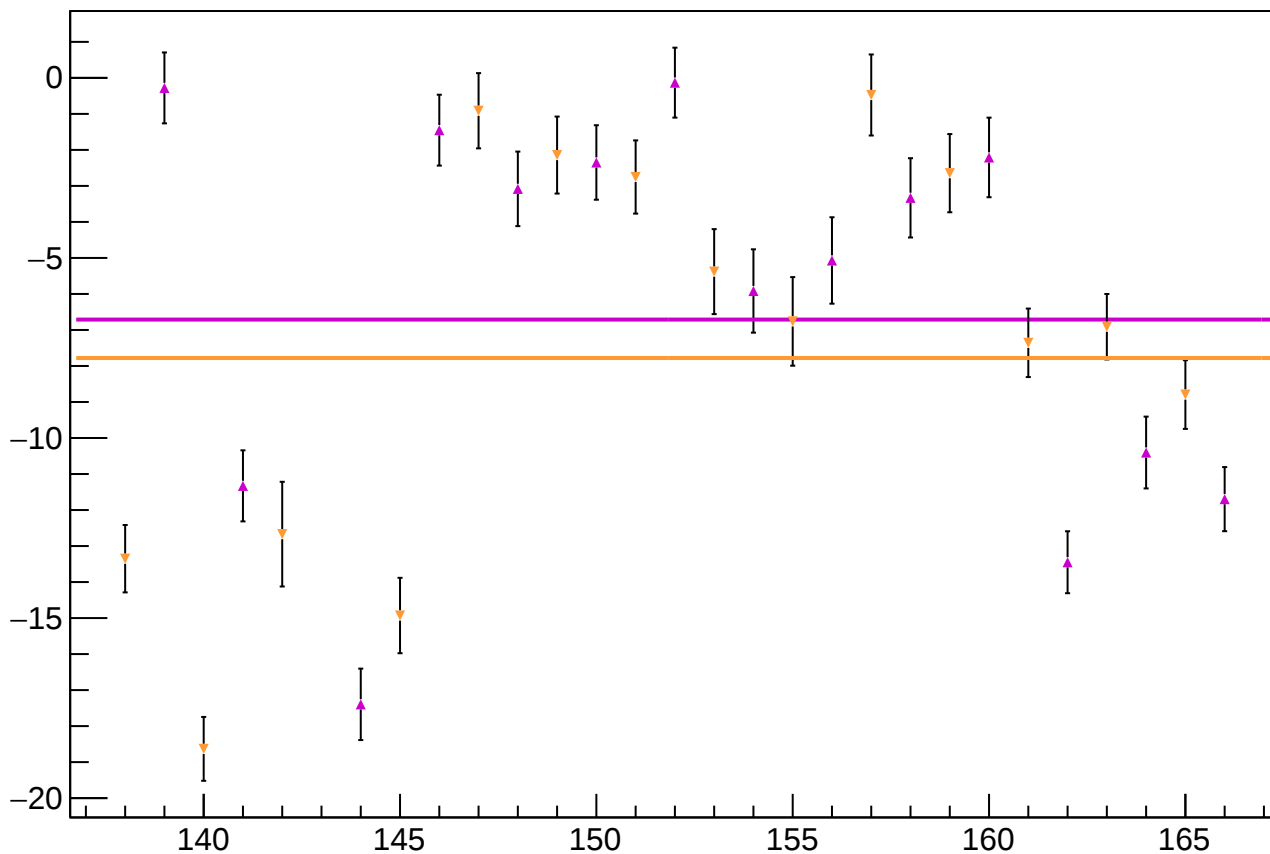
Left In: -40.951 ± 0.018 χ^2/NDF : 94364.1/13

+ sign -41.070 ± 0.015 χ^2/NDF : 139939.3/29

All: -41.100 ± 0.011 χ^2/NDF : 296352.6/61

- sign -41.128 ± 0.015 χ^2/NDF : 156406.0/31

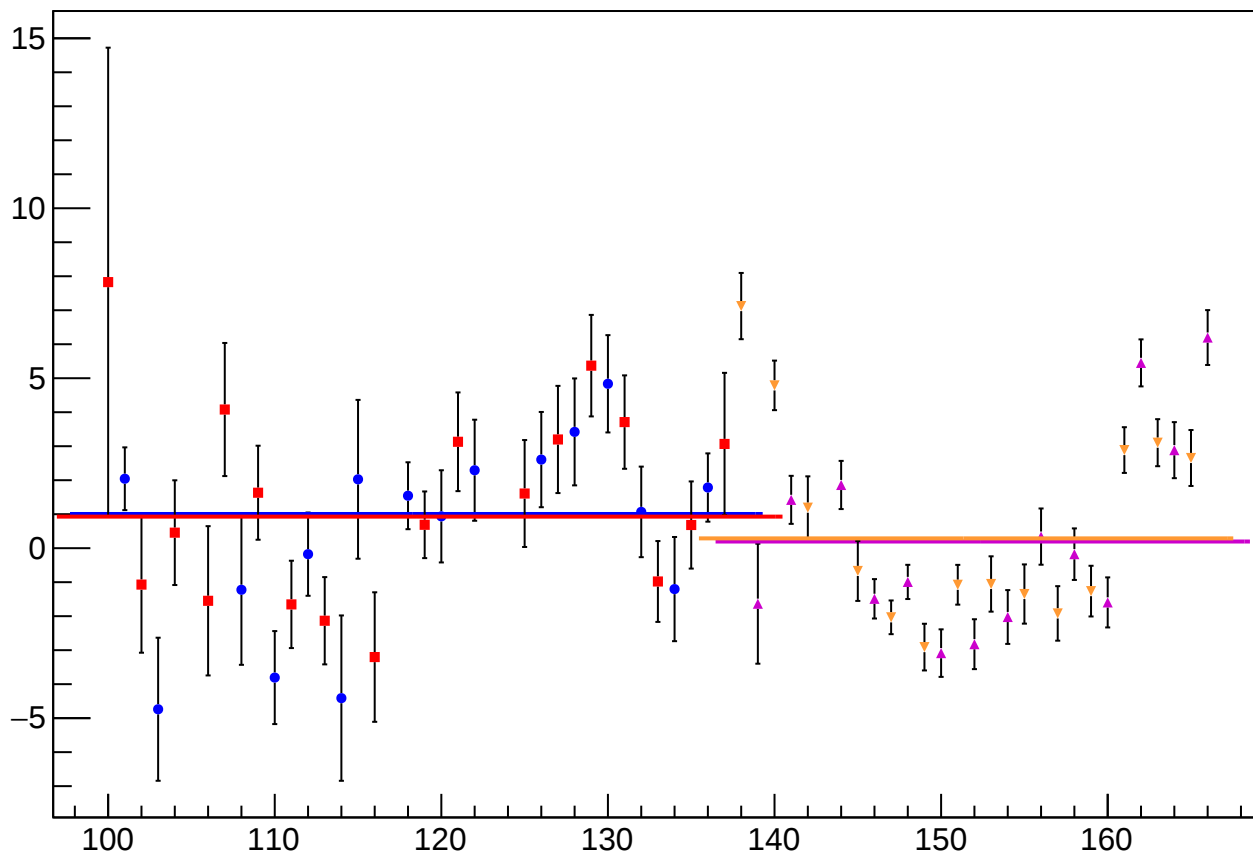
reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.779 $\pm$ 0.277 χ^2 /NDF: 410.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.711 $\pm$ 0.270 χ^2 /NDF: 420.0/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -7.230 $\pm$ 0.193 χ^2 /NDF: 838.0/27
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 1.006 ± 0.342 χ^2/NDF : 42.7/15

Left Out: 0.288 ± 0.194 χ^2/NDF : 196.4/13

Right Out: 0.929 ± 0.353 χ^2/NDF : 41.9/17

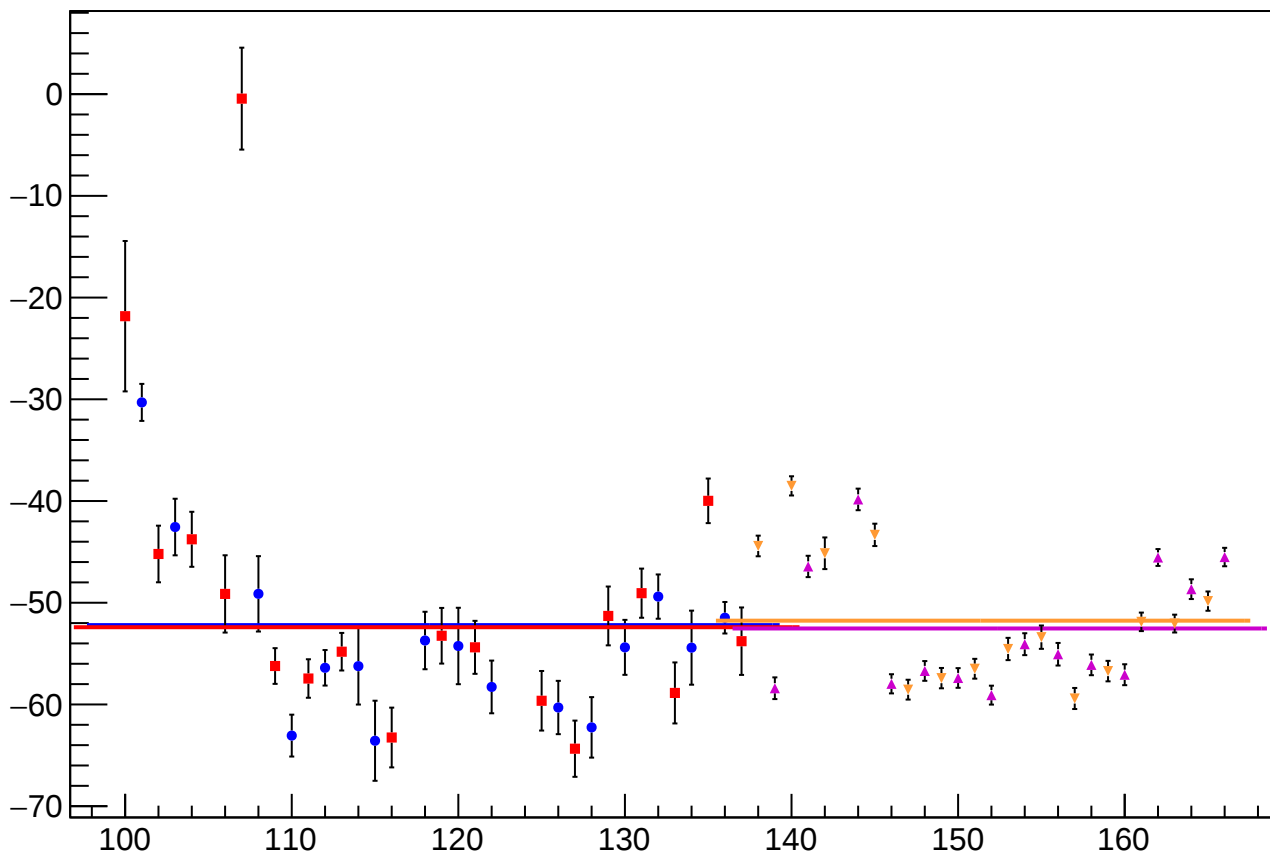
Left In: 0.196 ± 0.193 χ^2/NDF : 200.3/13

+ sign 0.464 ± 0.169 χ^2/NDF : 242.5/29

All: 0.414 ± 0.120 χ^2/NDF : 488.1/61

- sign 0.364 ± 0.169 χ^2/NDF : 245.5/31

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.200 ± 0.615 χ^2/NDF : 230.6/15

Left Out: -51.763 ± 0.271 χ^2/NDF : 521.6/13

Right Out: -52.407 ± 0.616 χ^2/NDF : 233.9/17

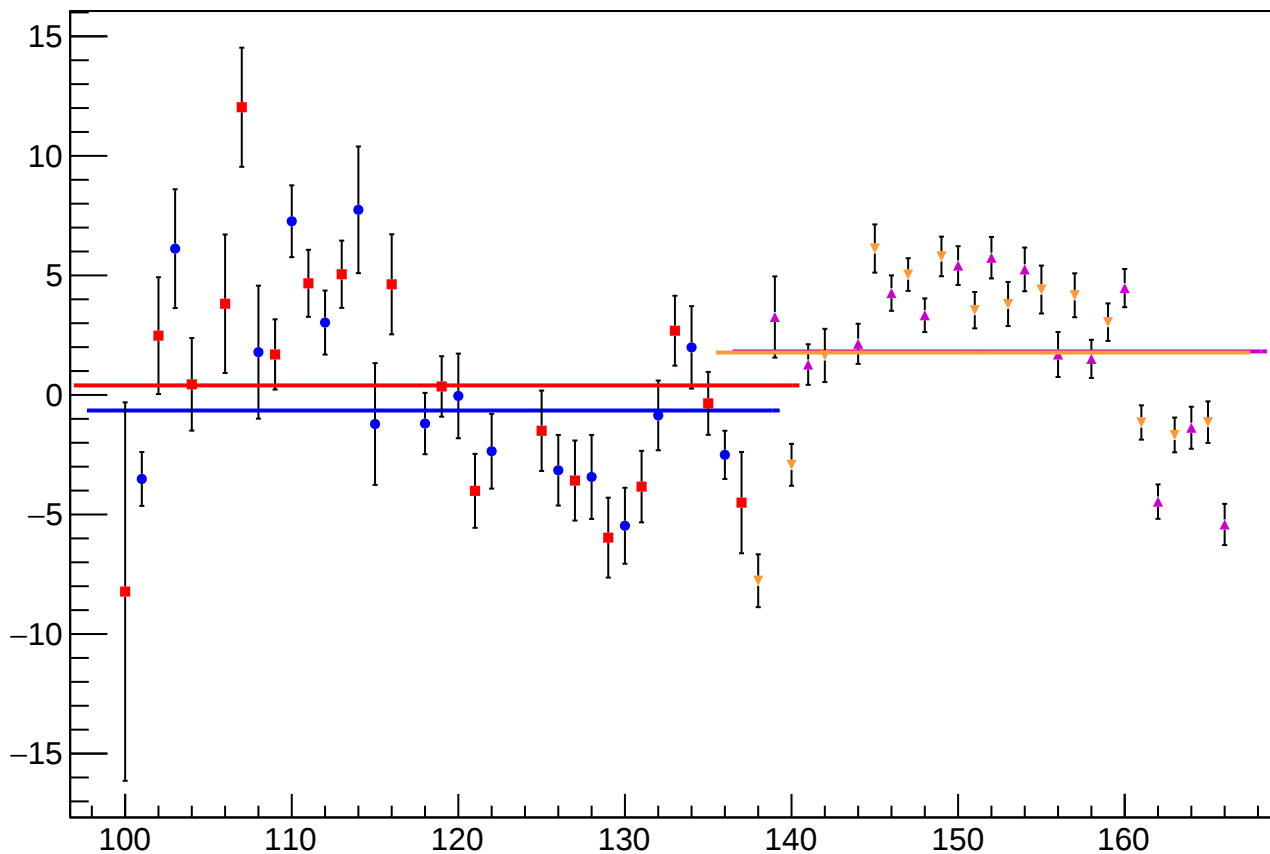
Left In: -52.531 ± 0.263 χ^2/NDF : 520.1/13

+ sign -51.834 ± 0.248 χ^2/NDF : 752.7/29

All: -52.181 ± 0.173 χ^2/NDF : 1510.5/61

- sign -52.512 ± 0.242 χ^2/NDF : 754.0/31

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.651 ± 0.387 χ^2/NDF : 81.9/15

Left Out: 1.774 ± 0.227 χ^2/NDF : 245.2/13

Right Out: 0.400 ± 0.399 χ^2/NDF : 95.9/17

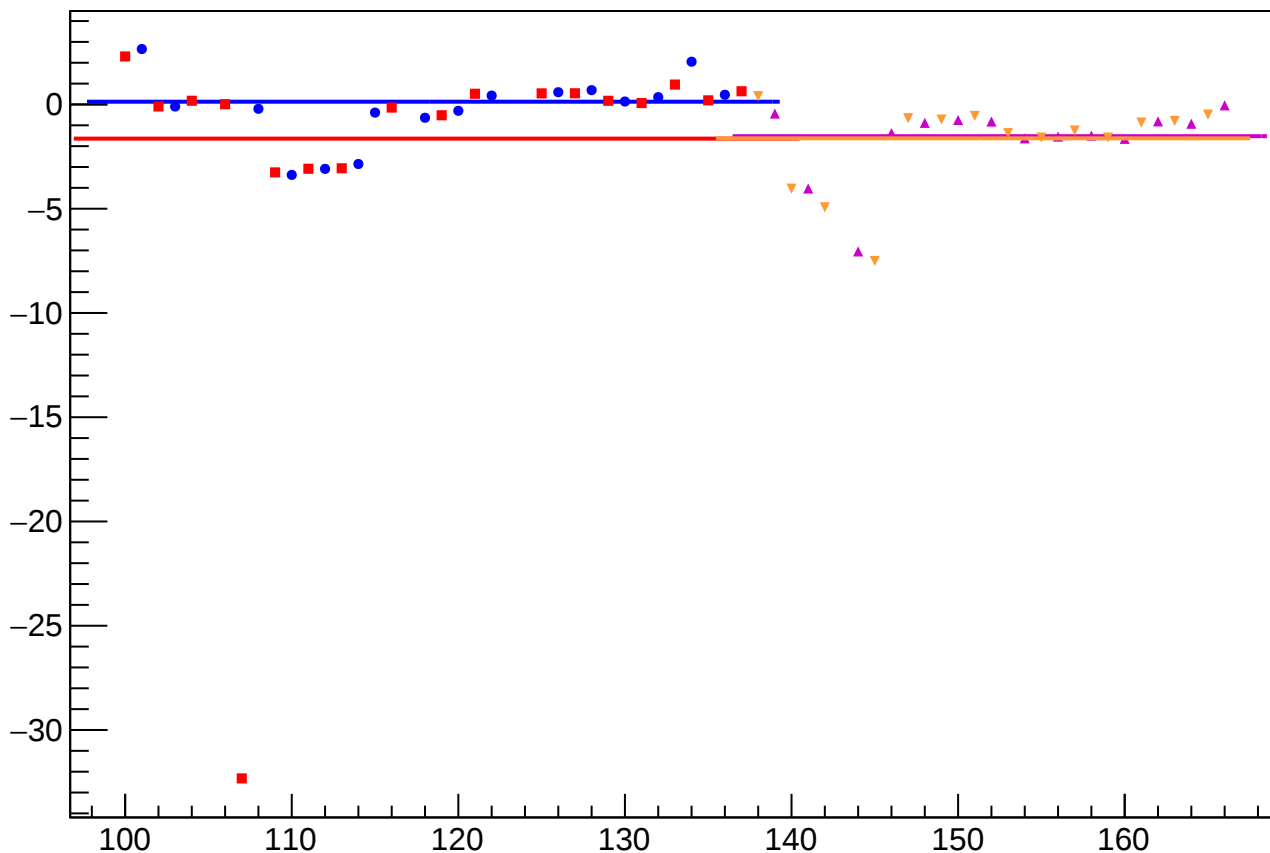
Left In: 1.821 ± 0.224 χ^2/NDF : 241.9/13

+ sign 1.152 ± 0.196 χ^2/NDF : 356.4/29

All: 1.317 ± 0.138 χ^2/NDF : 705.2/61

- sign 1.480 ± 0.196 χ^2/NDF : 347.4/31

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.132 ± 0.022 $\chi^2/\text{NDF}: 5247.5/15$

Left Out: -1.626 ± 0.011 $\chi^2/\text{NDF}: 30991.1/13$

Right Out: -1.638 ± 0.022 $\chi^2/\text{NDF}: 77848.3/17$

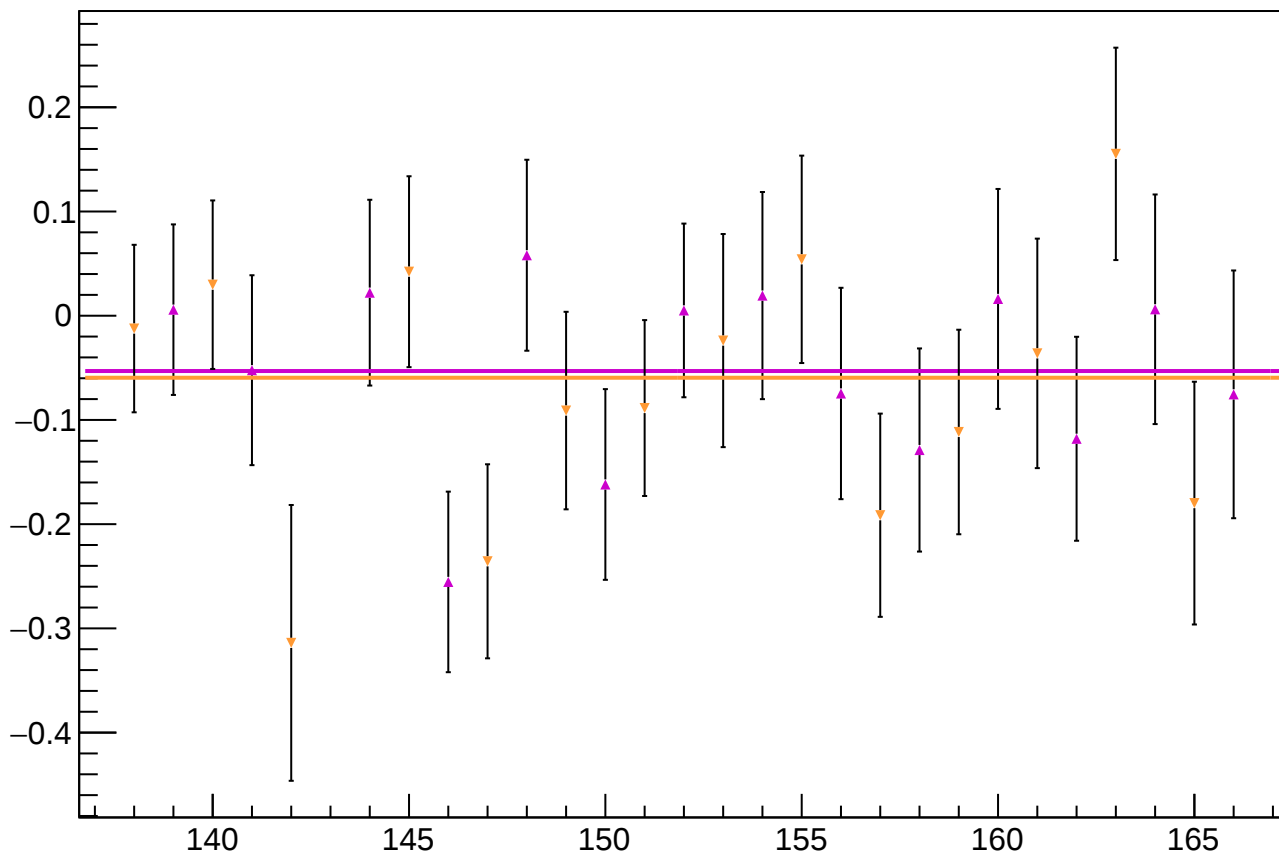
Left In: -1.522 ± 0.010 $\chi^2/\text{NDF}: 21605.5/13$

+ sign -1.281 ± 0.010 $\chi^2/\text{NDF}: 41579.6/29$

All: -1.414 ± 0.007 $\chi^2/\text{NDF}: 141440.7/61$

- sign -1.543 ± 0.009 $\chi^2/\text{NDF}: 99476.9/31$

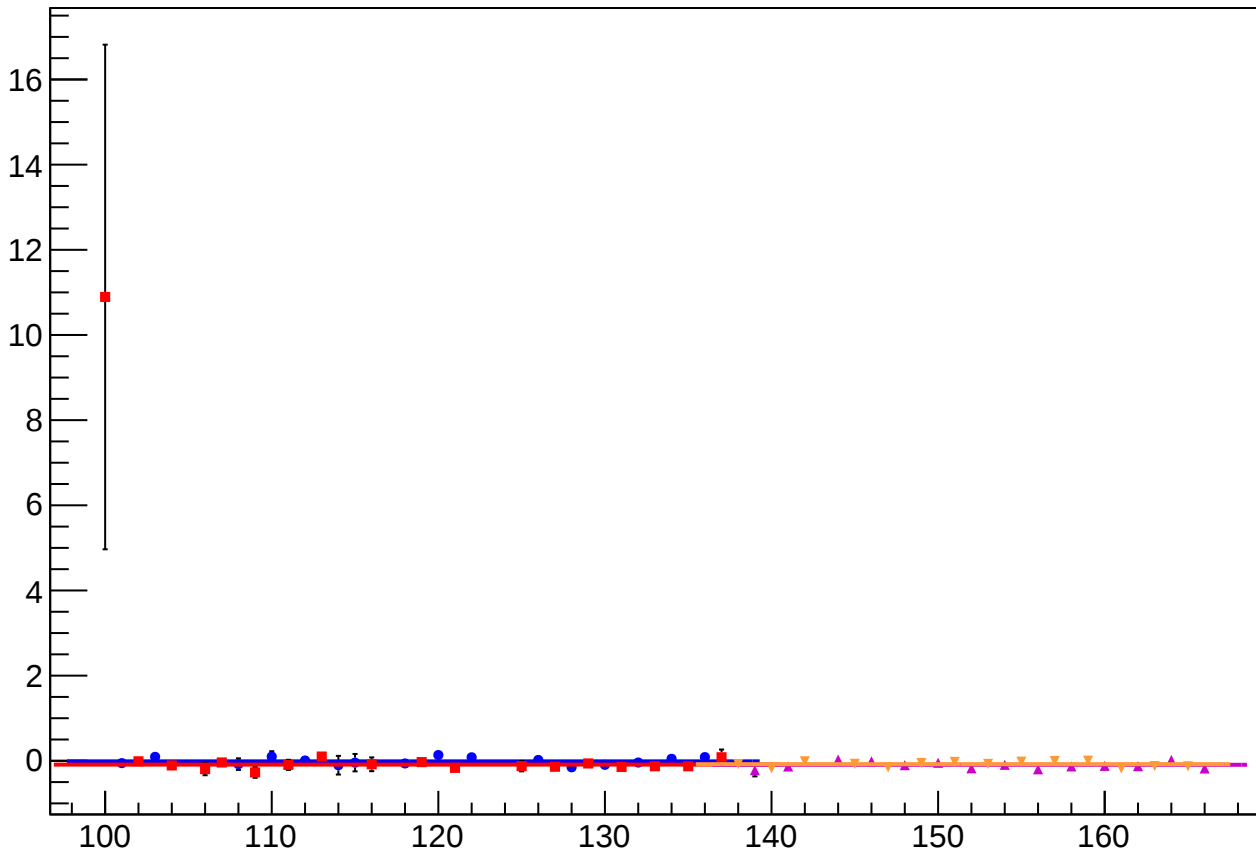
reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.060 $\pm$ 0.026 χ^2 /NDF: 19.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.053 $\pm$ 0.025 χ^2 /NDF: 12.4/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.056 $\pm$ 0.018 χ^2 /NDF: 31.9/27
 - 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 : 11.7/15

Left Out: -0.080 ± 0.018 χ^2/NDF : 12.7/13

Right Out: -0.089 ± 0.025 χ^2/NDF : 13.0/17

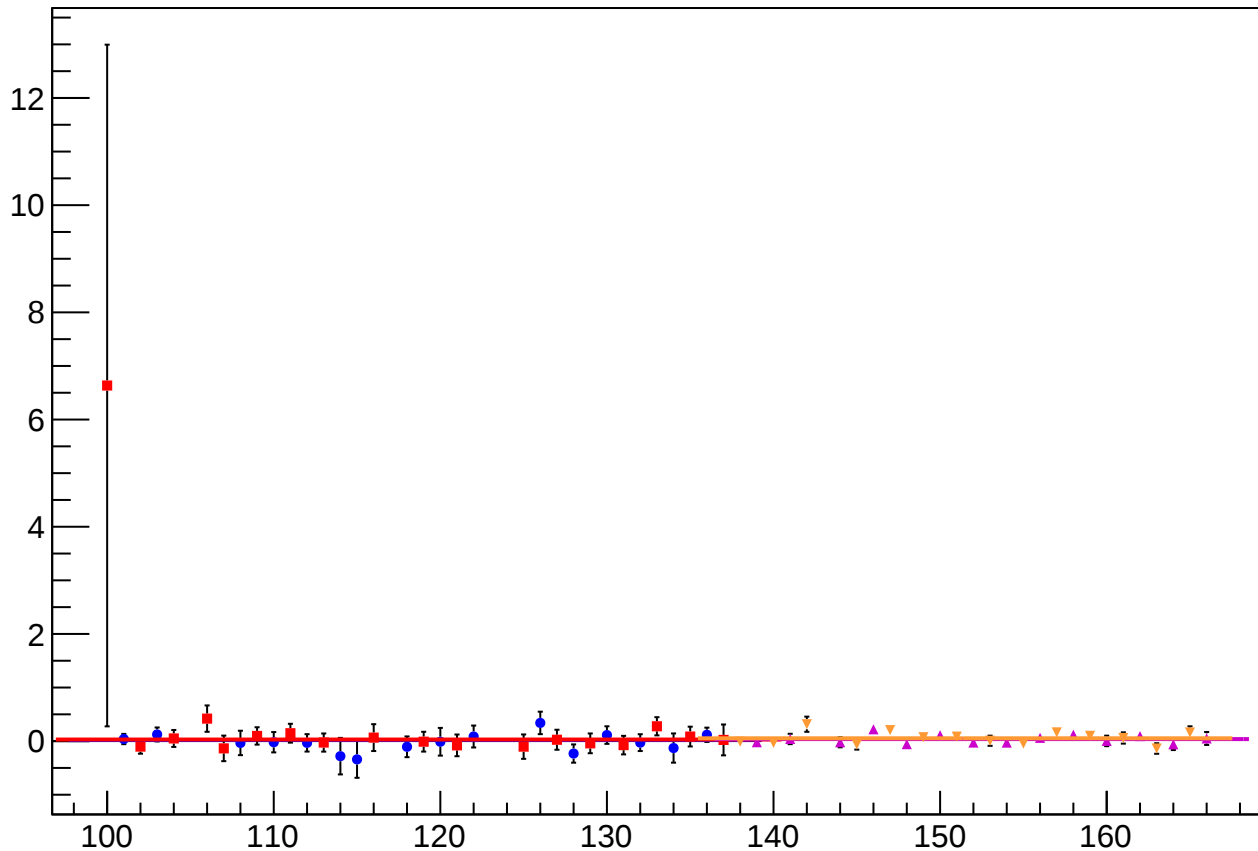
Left In: -0.094 ± 0.018 χ^2/NDF : 14.8/13

+ sign -0.055 ± 0.014 χ^2/NDF : 29.4/29

All: -0.073 ± 0.010 χ^2/NDF : 60.5/61

- sign -0.092 ± 0.014 χ^2/NDF : 27.8/31

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.020 $\pm$ 0.043 χ^2 /NDF: 9.1/15

Left Out: 0.053 $\pm$ 0.025 χ^2 /NDF:17.4/13

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

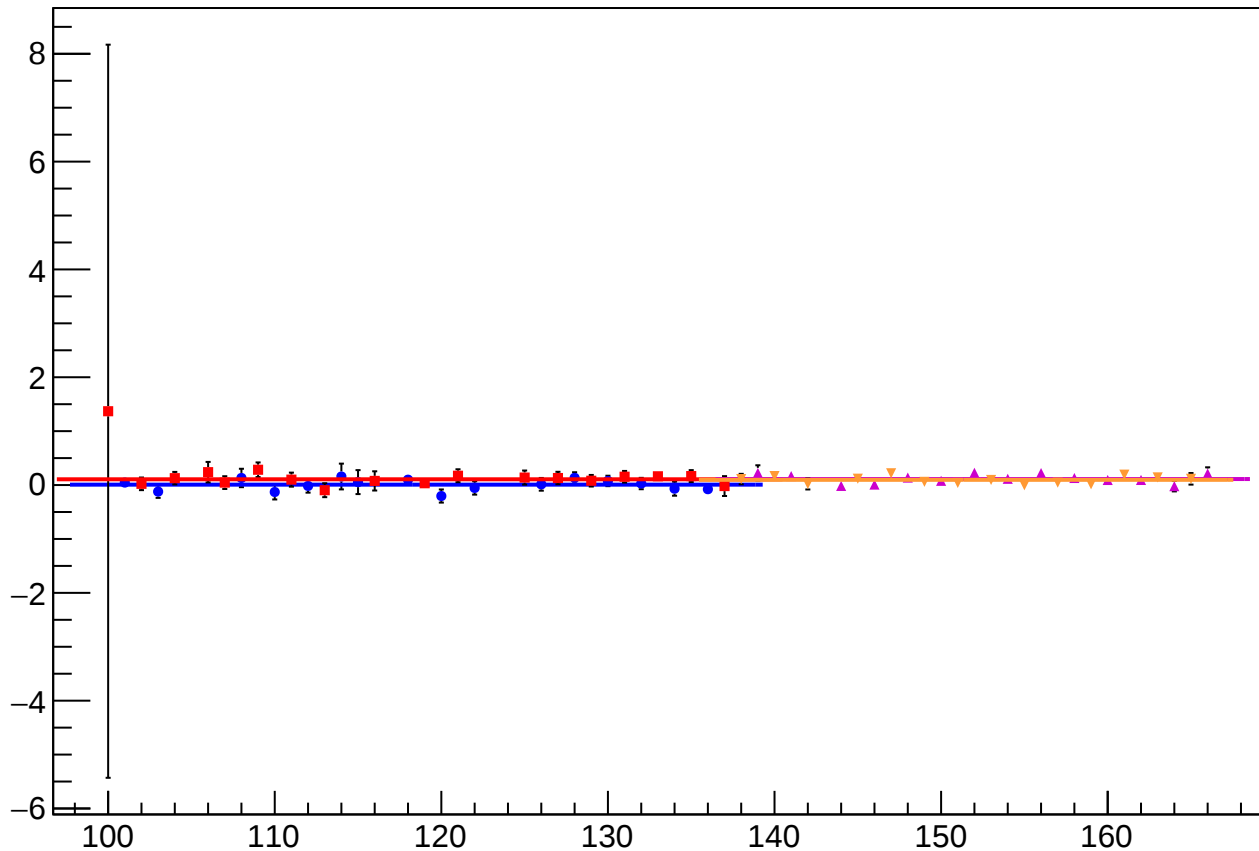
Left In: 0.038 $\pm$ 0.025 χ^2 /NDF:10.9/13

+ sign 0.044 $\pm$ 0.022 χ^2 /NDF: 26.9/29

All: 0.040 $\pm$ 0.015 χ^2 /NDF: 47.2/61

- sign 0.036 $\pm$ 0.022 χ^2 /NDF: 20.2/31

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 11.3/15

Left Out: 0.097 $\pm$ 0.021 χ^2 /NDF: 11.5/13

Right Out: 0.107 $\pm$ 0.029 χ^2 /NDF: 8.2/17

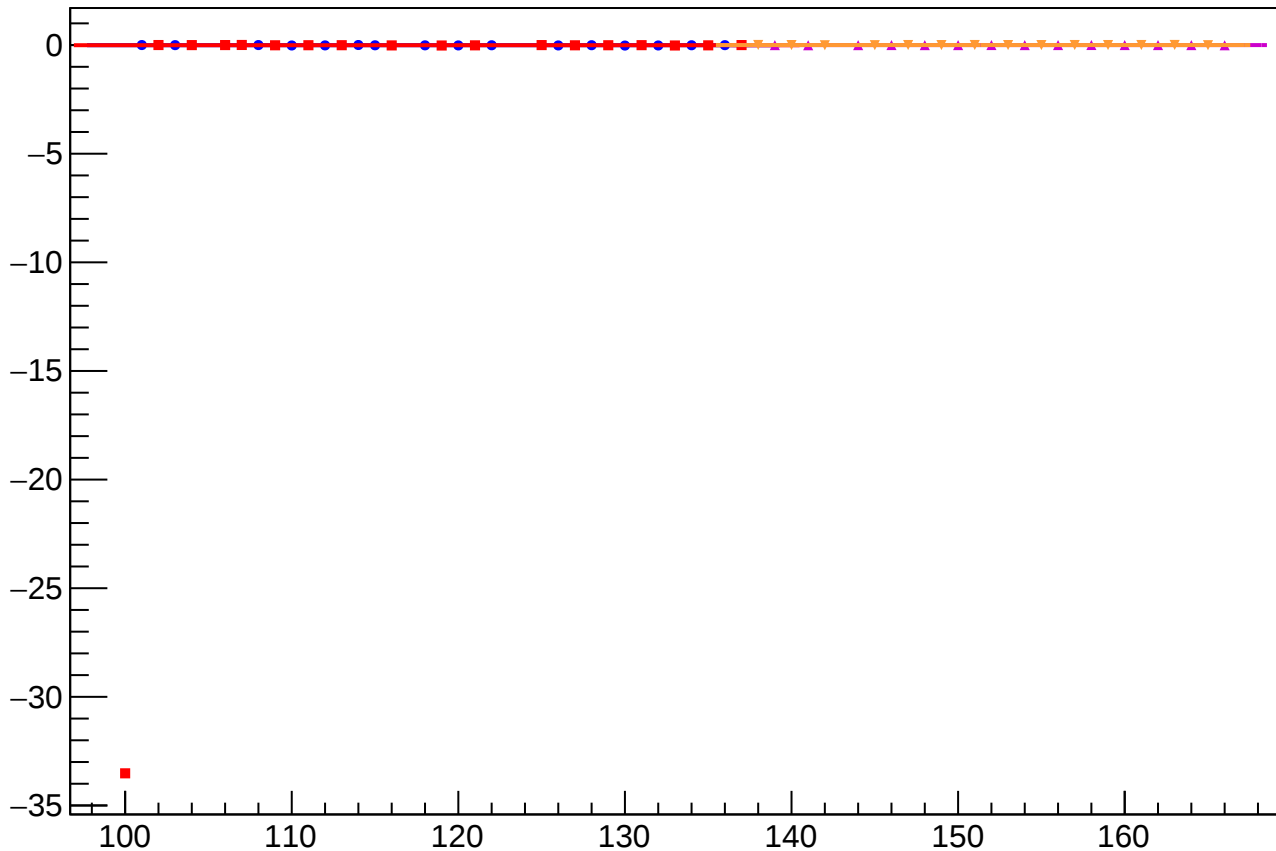
Left In: 0.112 $\pm$ 0.021 χ^2 /NDF: 14.0/13

+ sign 0.063 $\pm$ 0.017 χ^2 /NDF: 29.6/29

All: 0.086 $\pm$ 0.012 χ^2 /NDF: 55.7/61

- sign 0.110 $\pm$ 0.017 χ^2 /NDF: 22.2/31

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 21.8/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 10.3/13

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.7/17

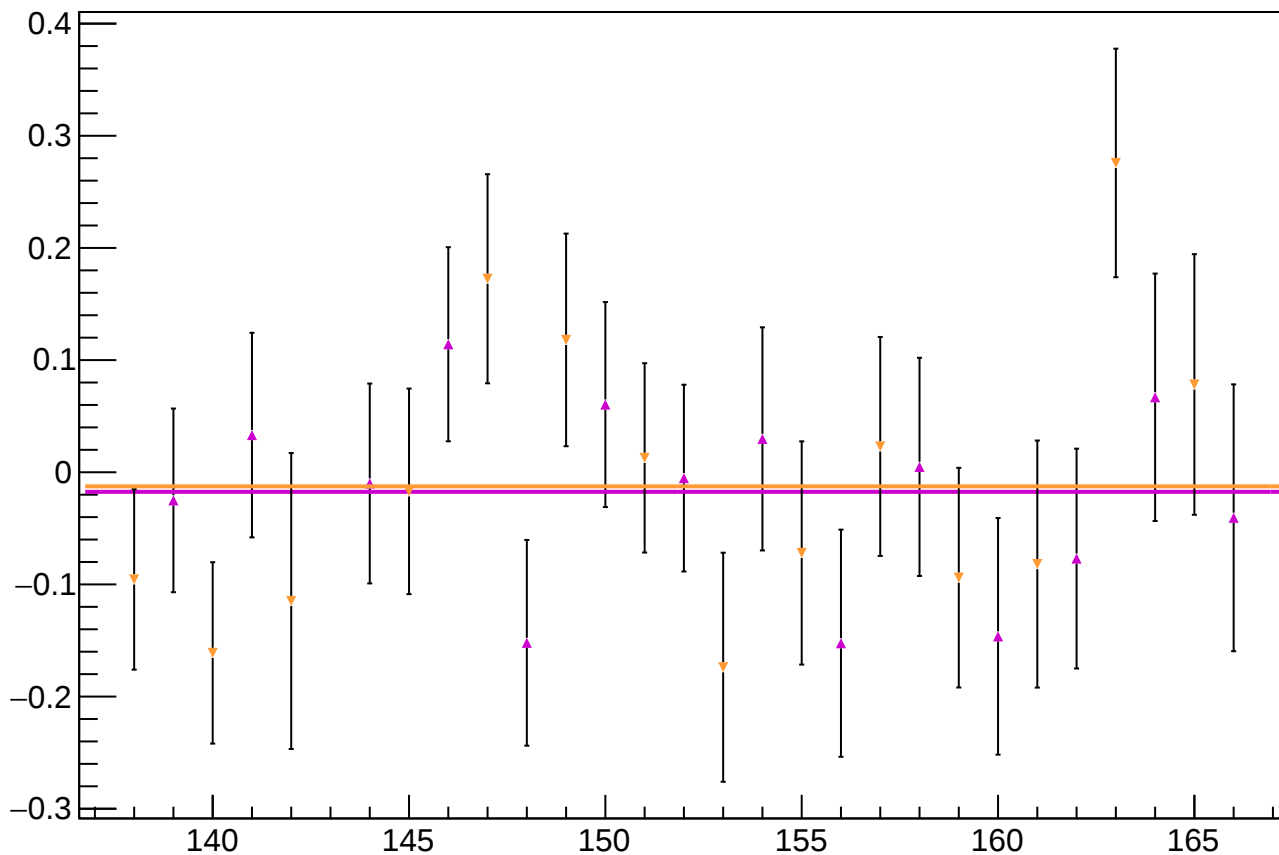
Left In: -0.000 ± 0.001 χ^2/NDF : 10.1/13

+ sign -0.001 ± 0.001 χ^2/NDF : 46.0/29

All: -0.001 ± 0.001 χ^2/NDF : 26576.4/61

- sign -0.002 ± 0.001 χ^2/NDF : 26529.6/31

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.013 $\pm$ 0.026 χ^2 /NDF:23.7/13

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

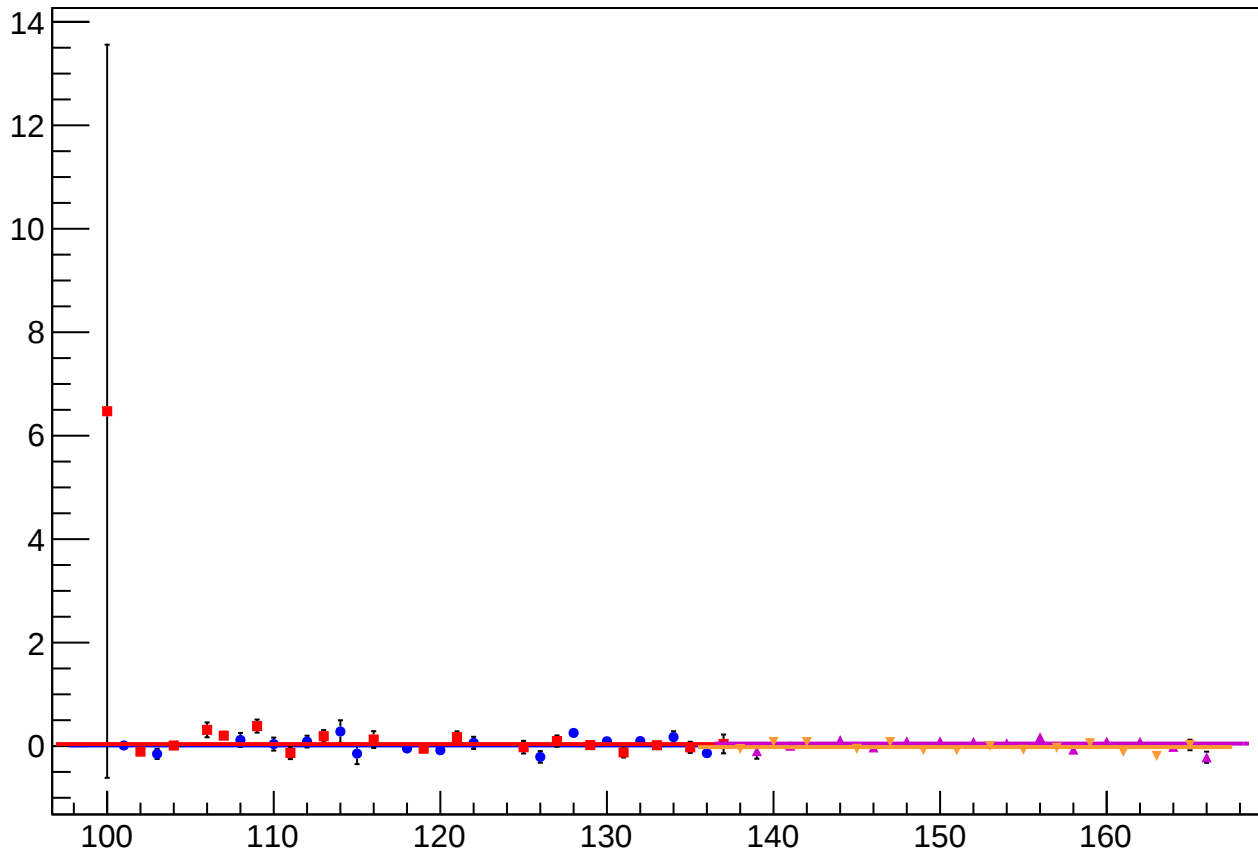
Left In: -0.017 $\pm$ 0.025 χ^2 /NDF:10.1/13

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

All: -0.015 $\pm$ 0.018 χ^2 /NDF: 33.7/27

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

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.012 ± 0.023 χ^2/NDF : 25.0/15

Left Out: -0.019 ± 0.018 χ^2/NDF : 19.5/13

Right Out: 0.038 ± 0.025 χ^2/NDF : 28.4/17

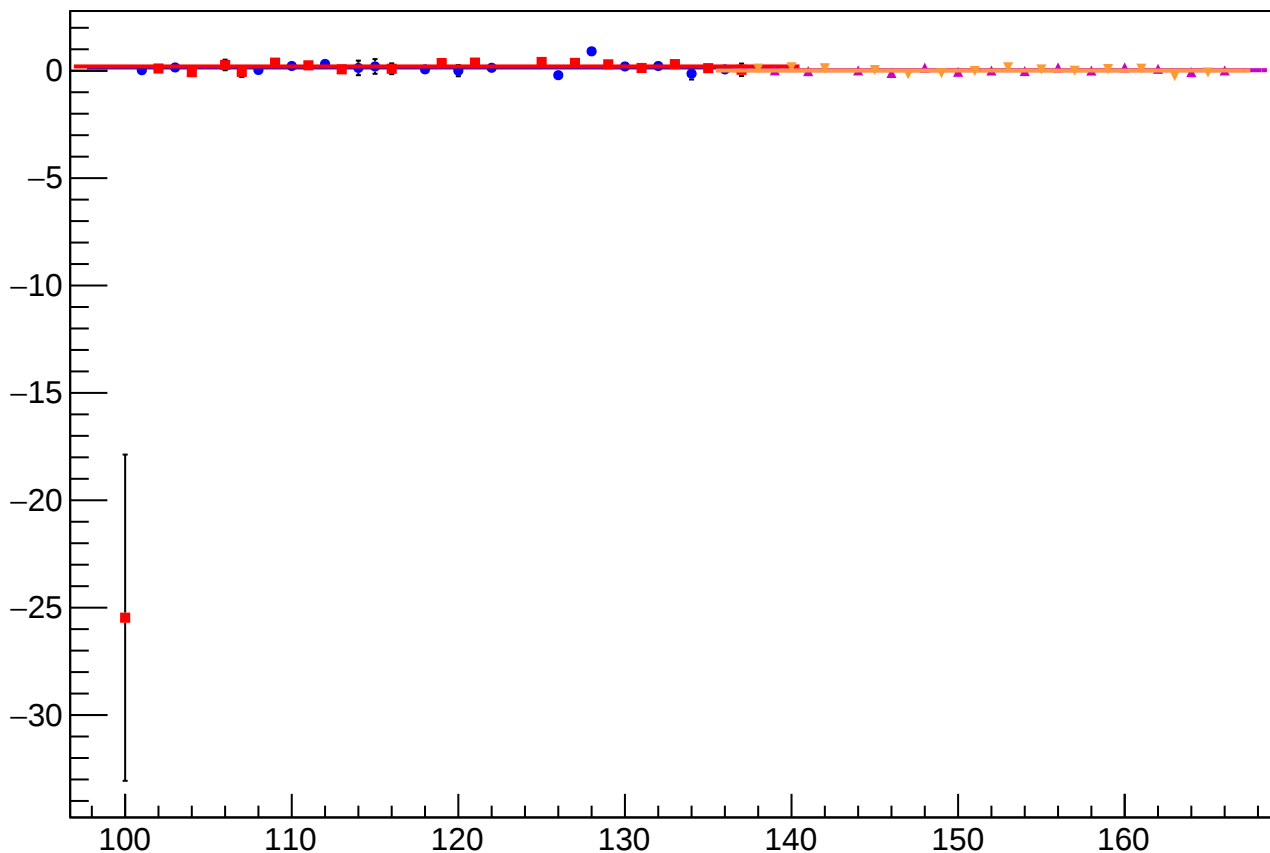
Left In: 0.048 ± 0.018 χ^2/NDF : 19.4/13

+ sign -0.008 ± 0.014 χ^2/NDF : 45.7/29

All: 0.018 ± 0.010 χ^2/NDF : 100.3/61

- sign 0.044 ± 0.014 χ^2/NDF : 48.0/31

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 27.9/15

Left Out: 0.012 $\pm$ 0.025 χ^2 /NDF:22.3/13

Right Out: 0.201 $\pm$ 0.045 χ^2 /NDF: 22.6/17

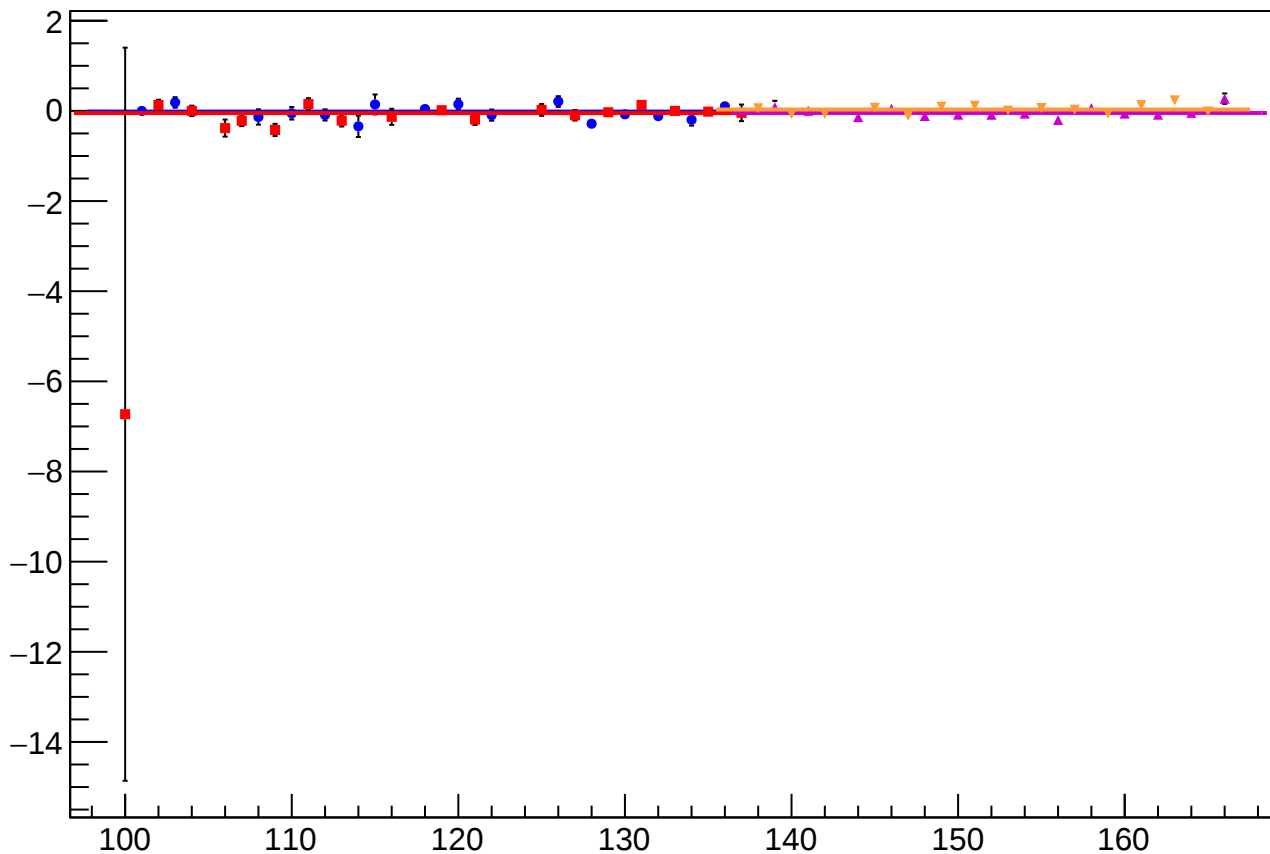
Left In: 0.027 $\pm$ 0.025 χ^2 /NDF:10.6/13

+ sign 0.048 $\pm$ 0.022 χ^2 /NDF: 58.4/29

All: 0.057 $\pm$ 0.015 χ^2 /NDF: 103.5/61

- sign 0.067 $\pm$ 0.022 χ^2 /NDF: 44.7/31

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.016 ± 0.027 χ^2/NDF : 24.3/15

Left Out: 0.030 ± 0.021 χ^2/NDF : 20.1/13

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.9/17

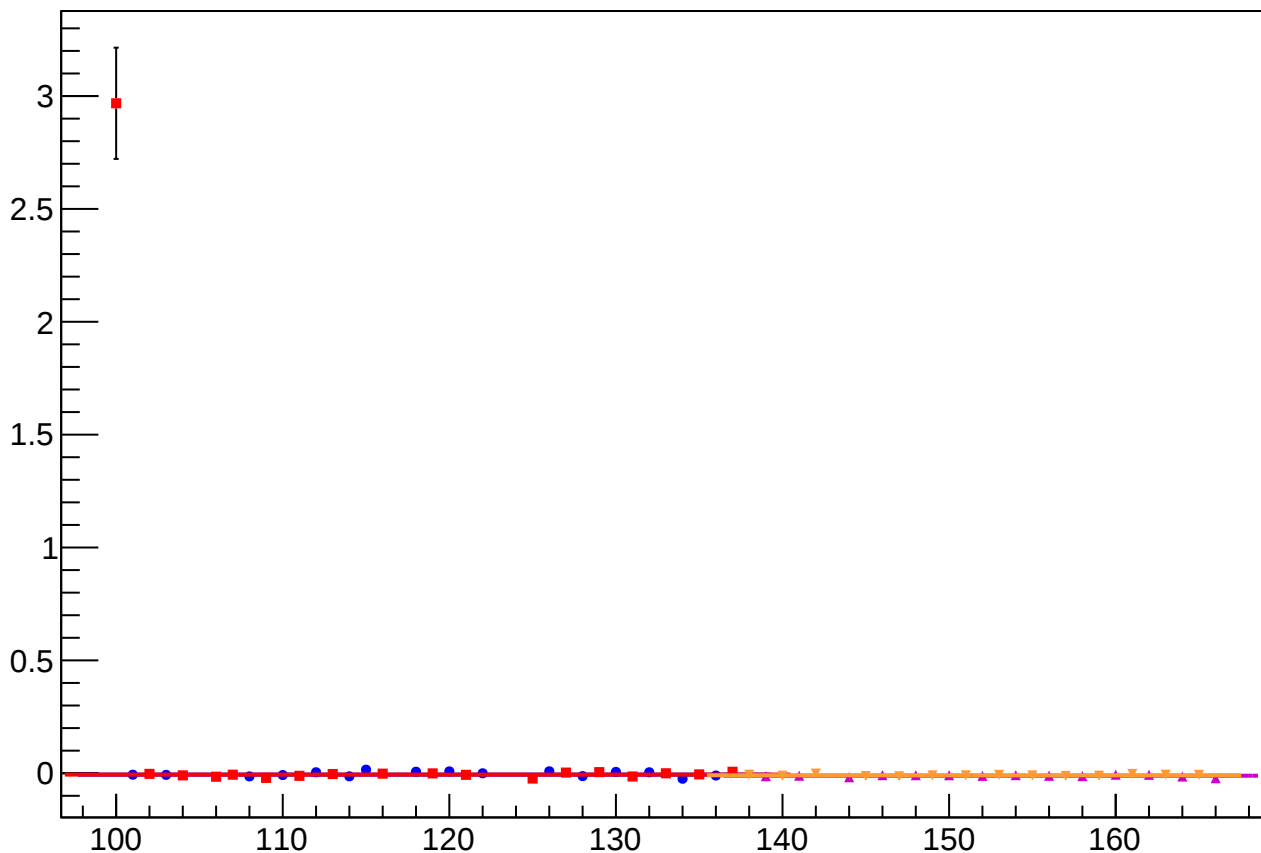
Left In: -0.046 ± 0.021 χ^2/NDF : 20.5/13

+ sign 0.013 ± 0.017 χ^2/NDF : 46.3/29

All: -0.016 ± 0.012 χ^2/NDF : 99.0/61

- sign -0.047 ± 0.017 χ^2/NDF : 46.4/31

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 27.3/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 9.2/13

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

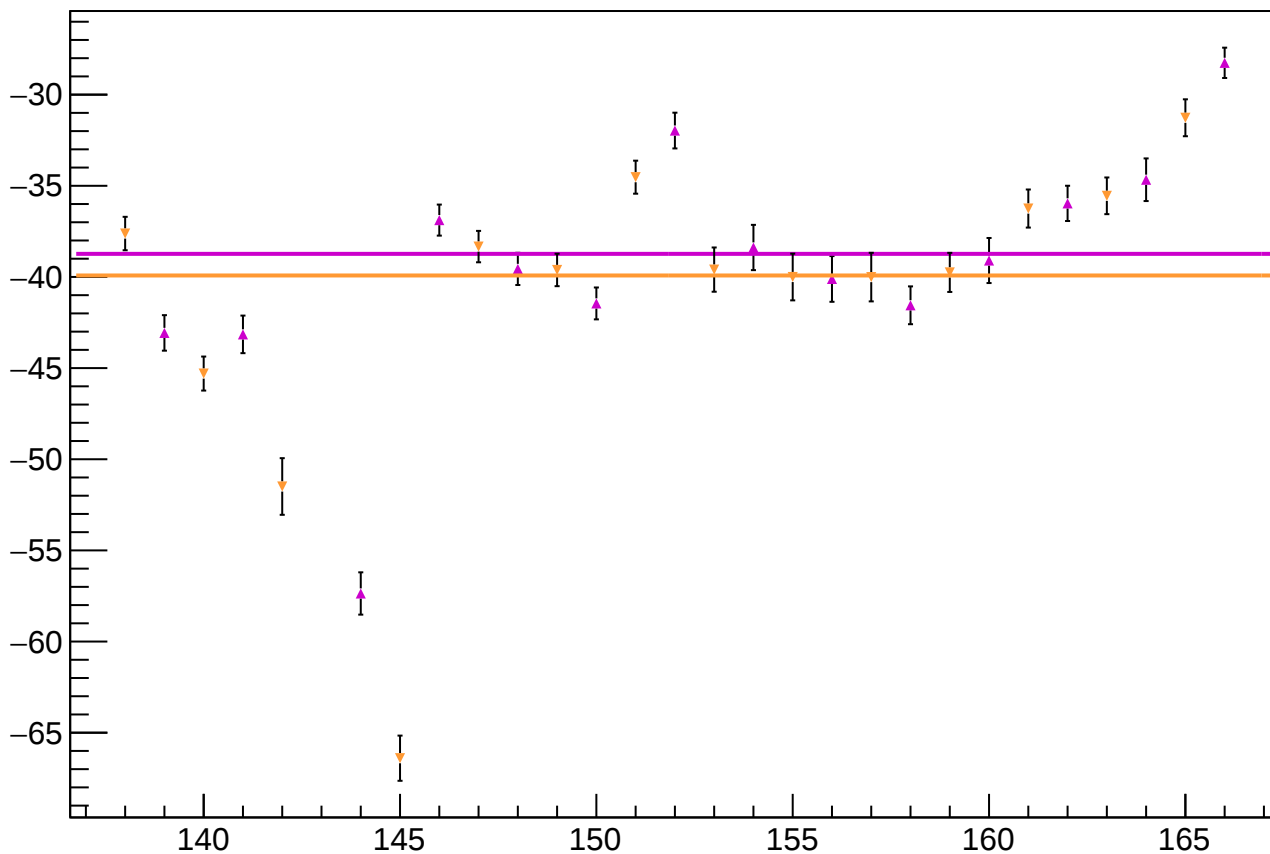
Left In: -0.011 ± 0.001 χ^2/NDF : 12.6/13

+ sign -0.008 ± 0.001 χ^2/NDF : 39.4/29

All: -0.009 ± 0.001 χ^2/NDF : 227.2/61

- sign -0.009 ± 0.001 χ^2/NDF : 186.6/31

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -39.919+/-0.279 χ^2/NDF : 694.6/13

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

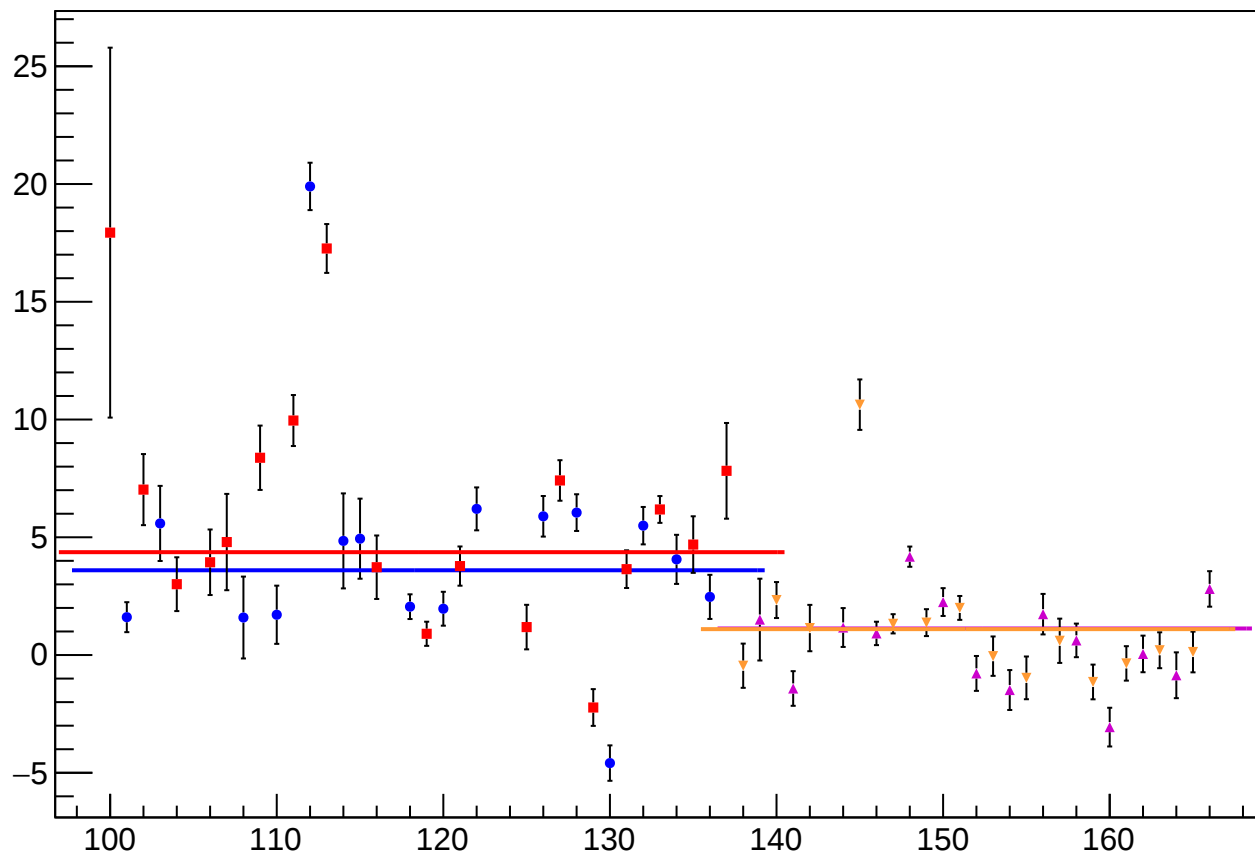
Left In: -38.733+/-0.269 χ^2/NDF : 546.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.303+/-0.194 χ^2/NDF : 1250.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 χ^2/NDF : 443.4/15

Left Out: 1.099 ± 0.188 χ^2/NDF : 111.4/13

Right Out: 4.367 ± 0.225 χ^2/NDF : 353.1/17

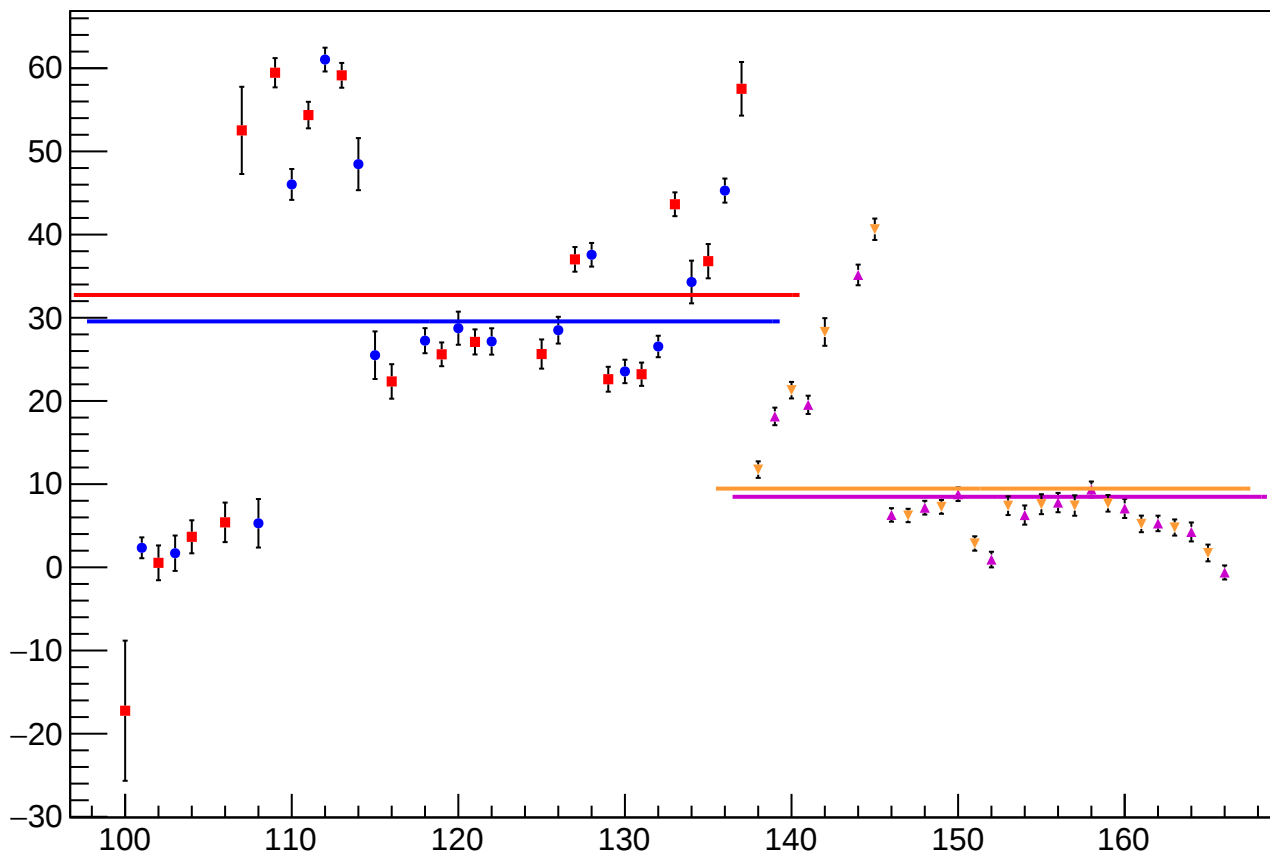
Left In: 1.127 ± 0.187 χ^2/NDF : 120.5/13

+ sign 2.154 ± 0.143 χ^2/NDF : 629.3/29

All: 2.304 ± 0.101 χ^2/NDF : 1227.7/61

- sign 2.455 ± 0.144 χ^2/NDF : 596.2/31

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.564 ± 0.420 χ^2/NDF : 1494.6/15

Left Out: 9.465 ± 0.272 χ^2/NDF : 1056.2/13

Right Out: 32.741 ± 0.423 χ^2/NDF : 1663.3/17

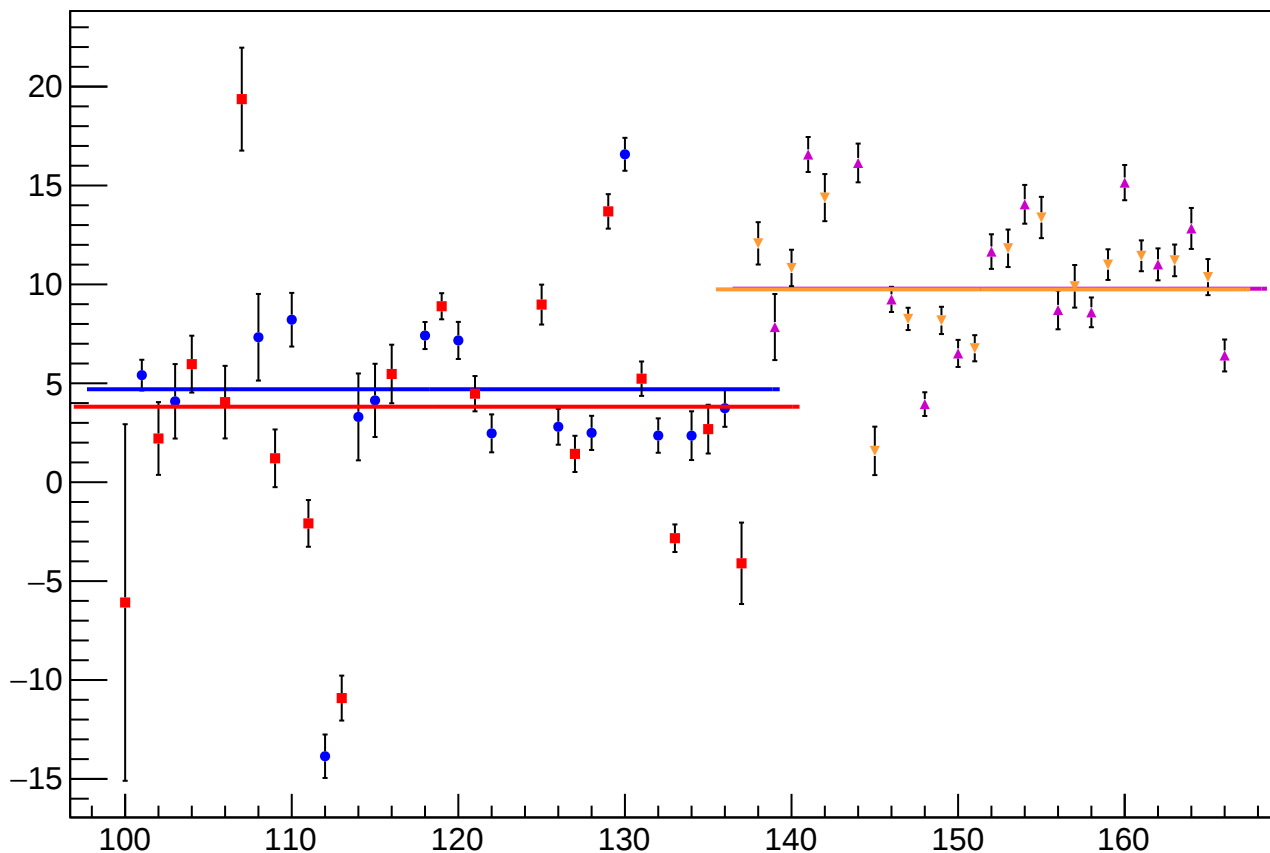
Left In: 8.479 ± 0.261 χ^2/NDF : 869.2/13

+ sign 15.407 ± 0.228 χ^2/NDF : 4167.4/29

All: 15.296 ± 0.159 χ^2/NDF : 9083.0/61

- sign 15.191 ± 0.222 χ^2/NDF : 4915.2/31

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.699 ± 0.254 $\chi^2/\text{NDF}: 548.9/15$

Left Out: 9.749 ± 0.224 $\chi^2/\text{NDF}: 126.3/13$

Right Out: 3.817 ± 0.258 $\chi^2/\text{NDF}: 567.6/17$

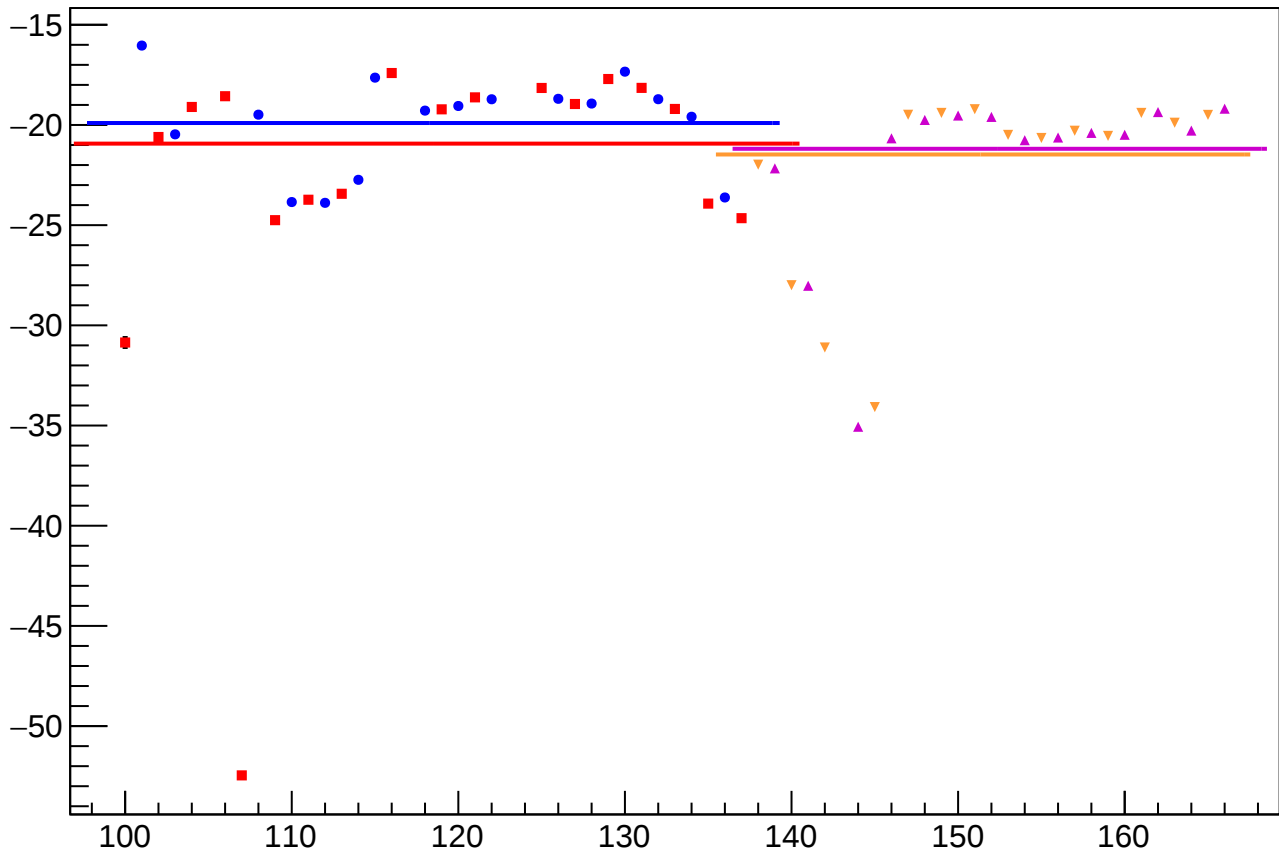
Left In: 9.783 ± 0.221 $\chi^2/\text{NDF}: 312.5/13$

+ sign 7.540 ± 0.168 $\chi^2/\text{NDF}: 897.6/29$

All: 7.402 ± 0.119 $\chi^2/\text{NDF}: 2086.8/61$

- sign 7.263 ± 0.168 $\chi^2/\text{NDF}: 1187.9/31$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.902 ± 0.016 χ^2/NDF : 26054.0/15

Left Out: -21.473 ± 0.011 χ^2/NDF : 124122.8/13

Right Out: -20.931 ± 0.016 χ^2/NDF : 94008.3/17

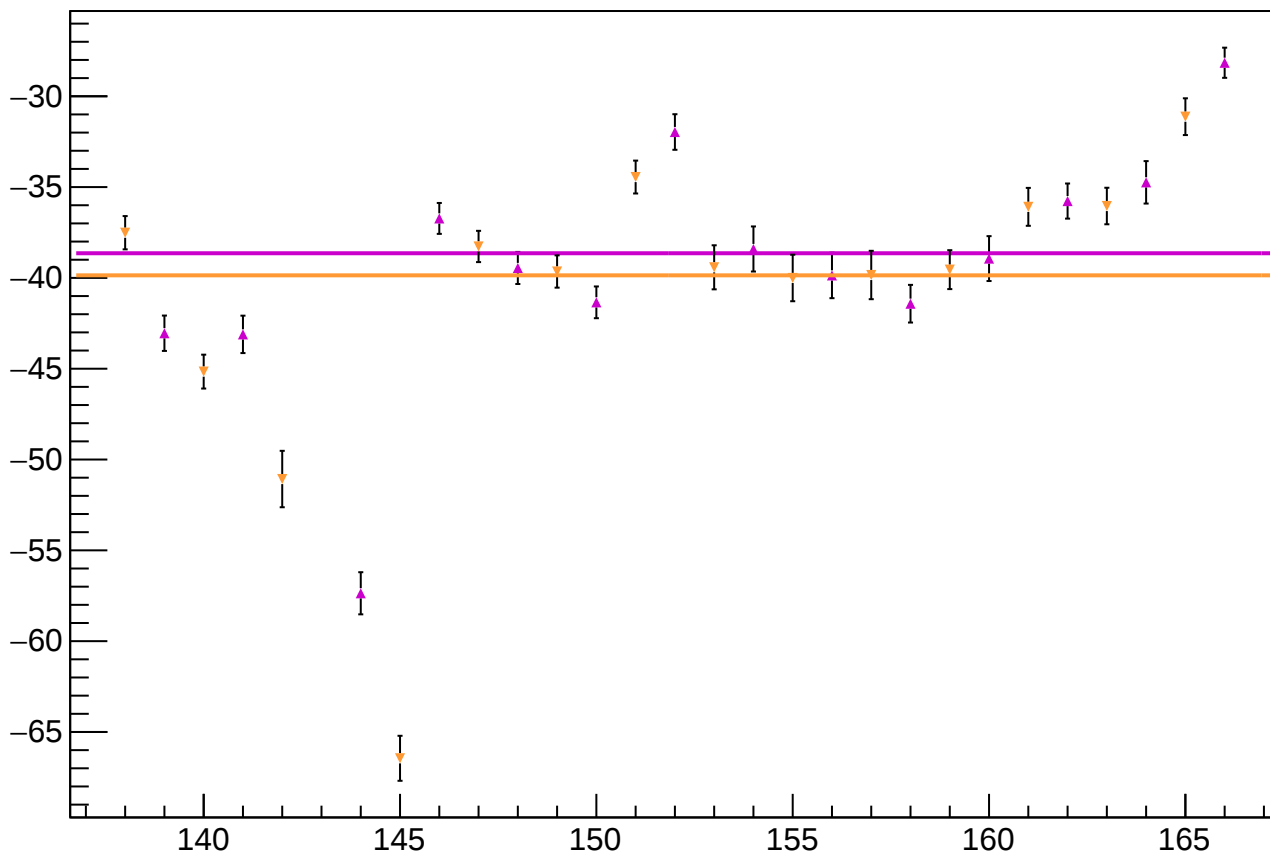
Left In: -21.189 ± 0.010 χ^2/NDF : 102136.0/13

+ sign -20.964 ± 0.009 χ^2/NDF : 156986.0/29

All: -21.039 ± 0.006 χ^2/NDF : 353455.1/61

- sign -21.110 ± 0.009 χ^2/NDF : 196331.6/31

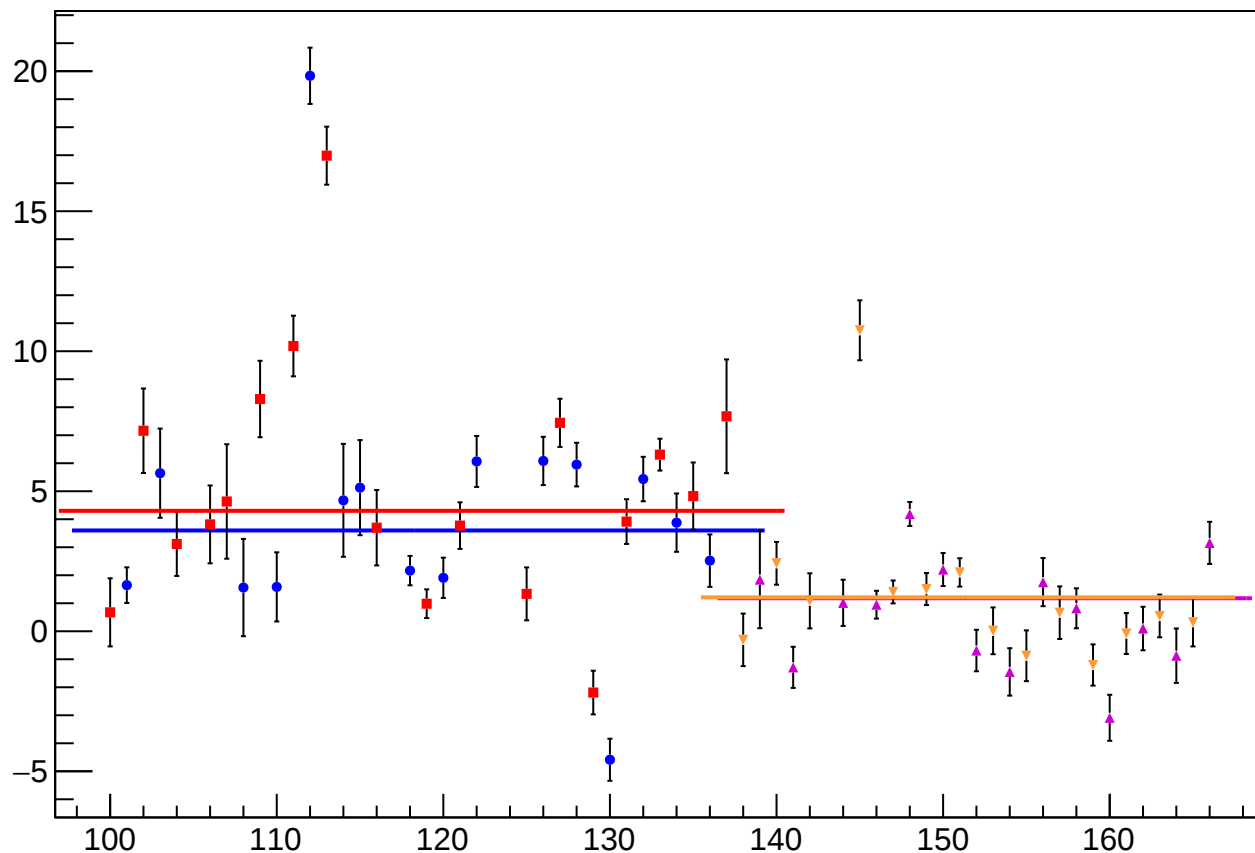
reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -39.859 ± 0.279 $\chi^2/\text{NDF}: 693.2/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -38.643 ± 0.268 $\chi^2/\text{NDF}: 549.5/13$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -39.227 ± 0.193 $\chi^2/\text{NDF}: 1252.6/27$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 $\chi^2/\text{NDF}: 440.3/15$

Left Out: 1.211 ± 0.188 $\chi^2/\text{NDF}: 111.5/13$

Right Out: 4.301 ± 0.221 $\chi^2/\text{NDF}: 352.1/17$

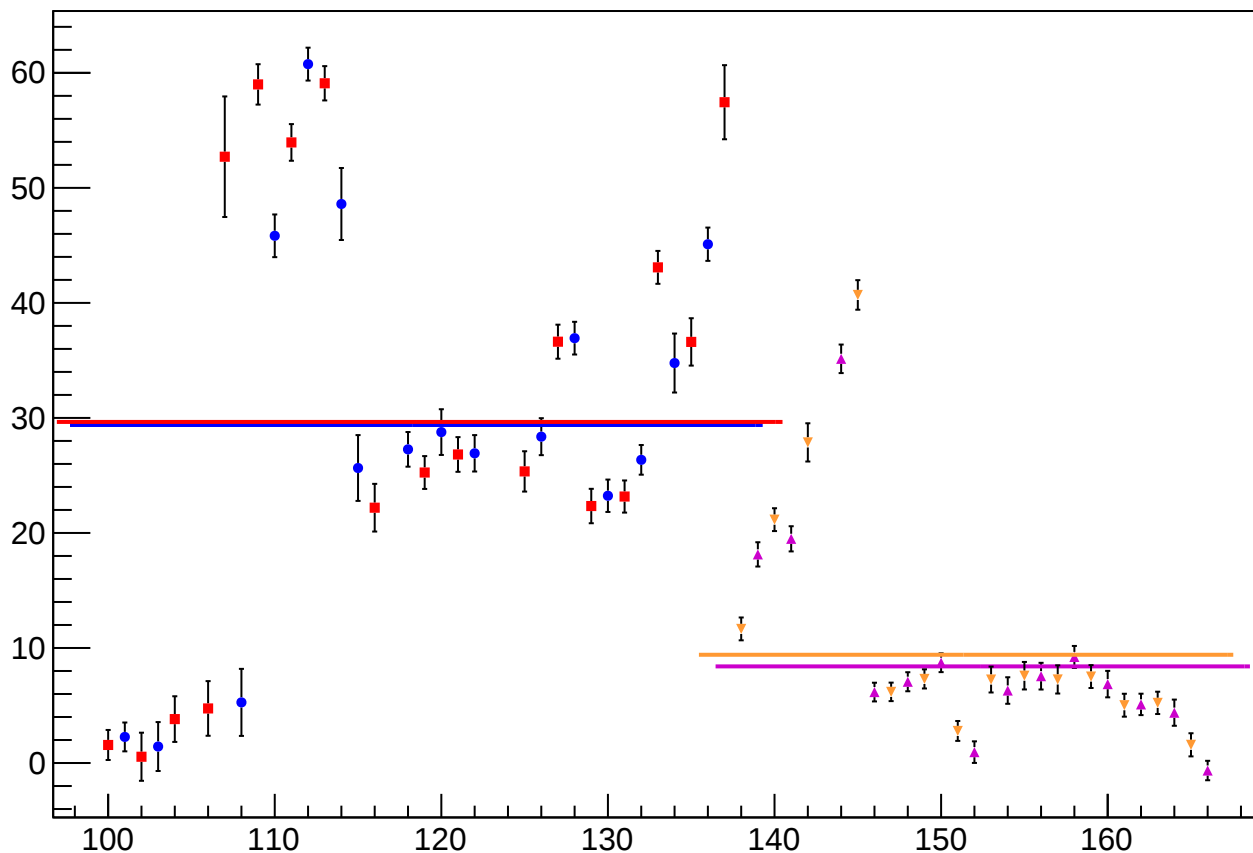
Left In: 1.179 ± 0.187 $\chi^2/\text{NDF}: 120.9/13$

+ sign 2.218 ± 0.143 $\chi^2/\text{NDF}: 619.8/29$

All: 2.351 ± 0.101 $\chi^2/\text{NDF}: 1210.7/61$

- sign 2.483 ± 0.143 $\chi^2/\text{NDF}: 589.2/31$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.387 ± 0.419 χ^2/NDF : 1488.6/15

Left Out: 9.410 ± 0.272 χ^2/NDF : 1053.1/13

Right Out: 29.652 ± 0.402 χ^2/NDF : 2131.0/17

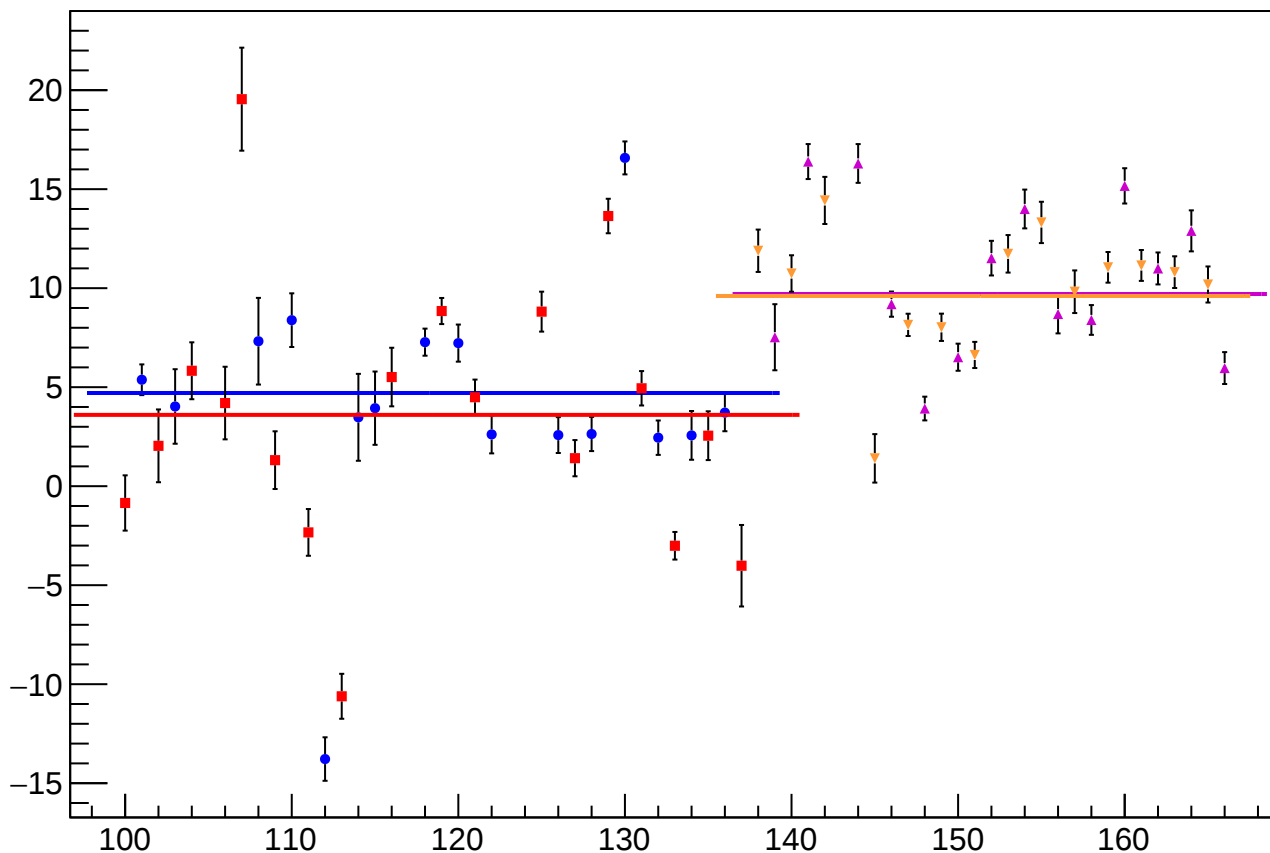
Left In: 8.399 ± 0.261 χ^2/NDF : 872.1/13

+ sign 15.316 ± 0.228 χ^2/NDF : 4140.8/29

All: 14.997 ± 0.158 χ^2/NDF : 9110.3/61

- sign 14.702 ± 0.219 χ^2/NDF : 4965.7/31

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.706 ± 0.254 χ^2/NDF : 545.2/15

Left Out: 9.606 ± 0.224 χ^2/NDF : 127.6/13

Right Out: 3.601 ± 0.254 χ^2/NDF : 573.4/17

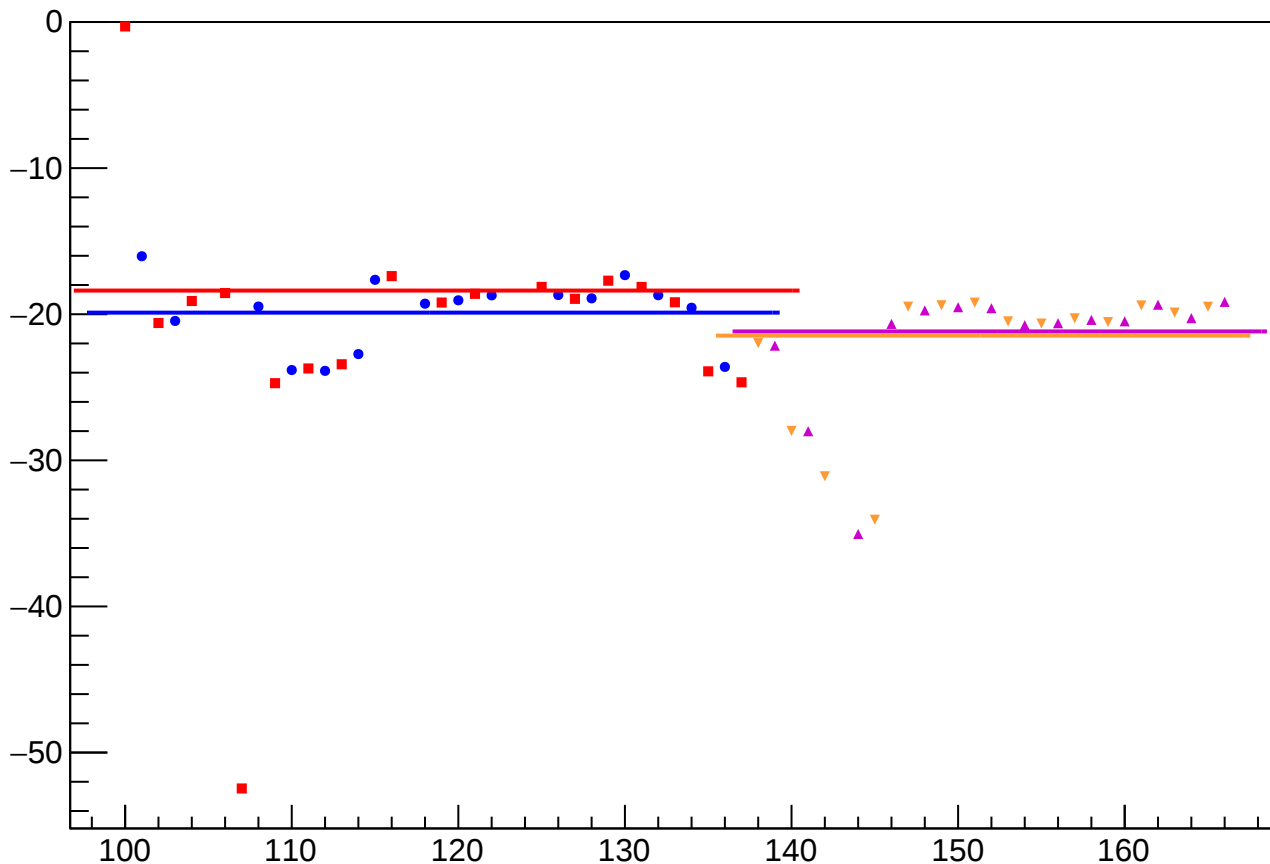
Left In: 9.705 ± 0.221 χ^2/NDF : 318.7/13

+ sign 7.463 ± 0.168 χ^2/NDF : 882.3/29

All: 7.269 ± 0.118 χ^2/NDF : 2105.9/61

- sign 7.078 ± 0.167 χ^2/NDF : 1221.0/31

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.890 ± 0.016 $\chi^2/\text{NDF}: 26044.4/15$

Left Out: -21.465 ± 0.011 $\chi^2/\text{NDF}: 124169.2/13$

Right Out: -18.380 ± 0.015 $\chi^2/\text{NDF}: 300999.4/17$

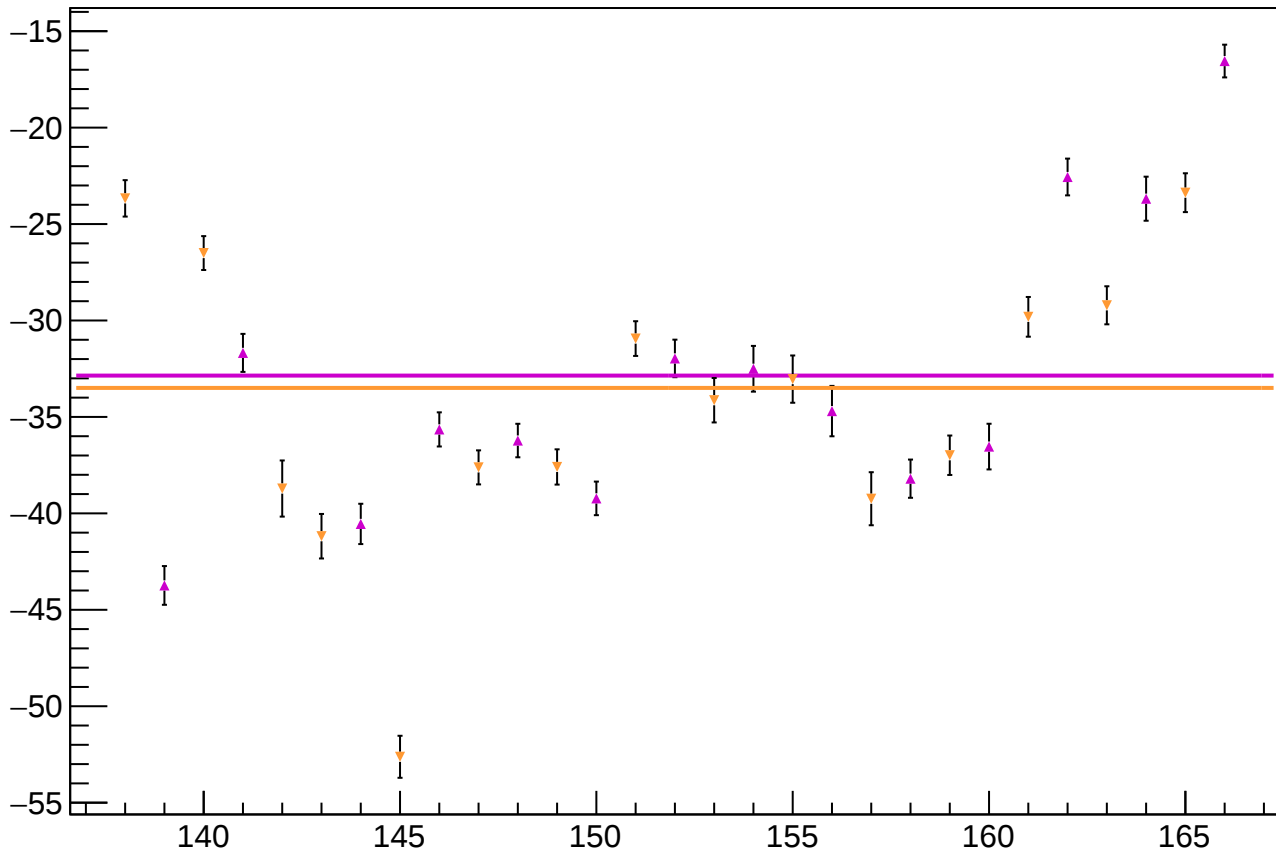
Left In: -21.177 ± 0.010 $\chi^2/\text{NDF}: 102144.9/13$

+ sign -20.955 ± 0.009 $\chi^2/\text{NDF}: 157072.6/29$

All: -20.584 ± 0.006 $\chi^2/\text{NDF}: 587528.2/61$

- sign -20.245 ± 0.009 $\chi^2/\text{NDF}: 427130.6/31$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -33.496+/-0.267 χ^2/NDF : 749.4/14

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

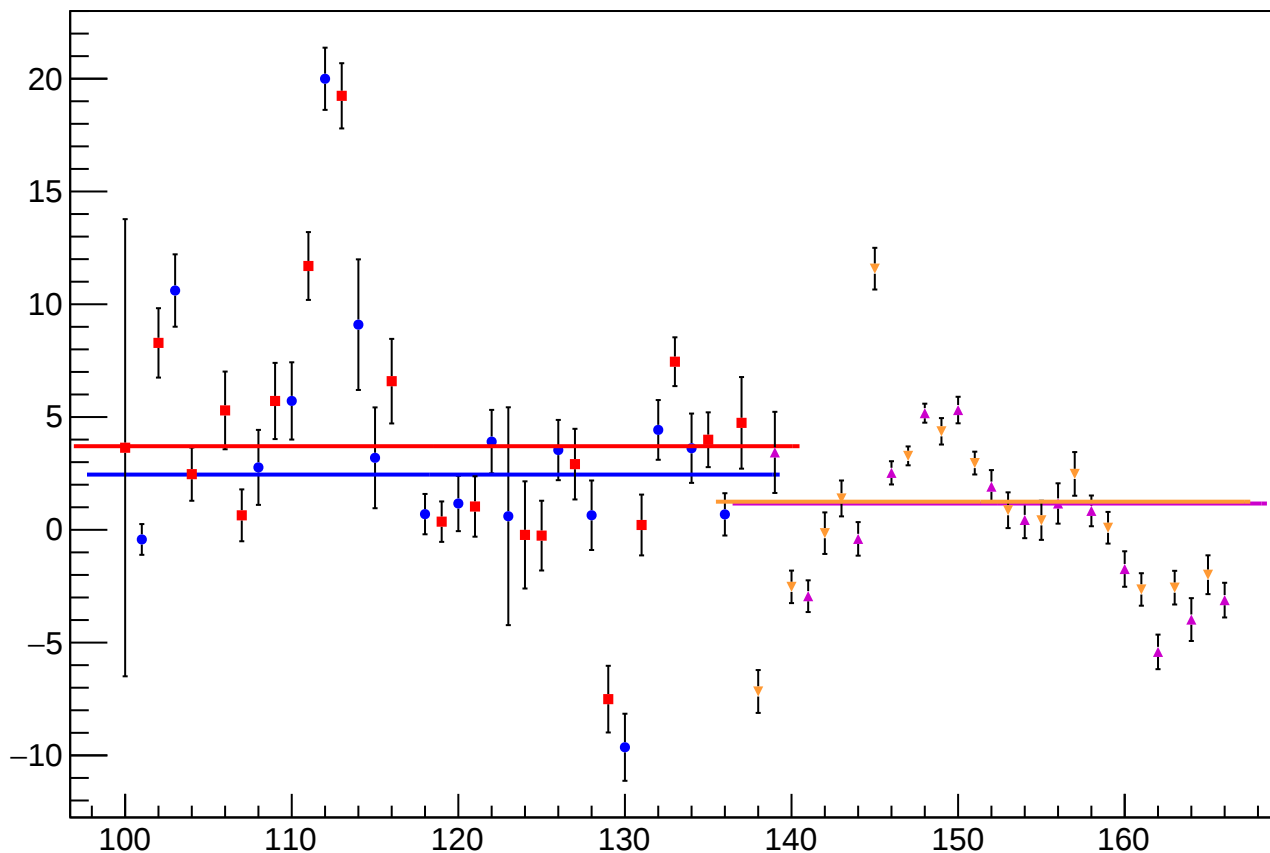
Left In: -32.857+/-0.265 χ^2/NDF : 843.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.175+/-0.188 χ^2/NDF : 1595.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.449 ± 0.314 χ^2/NDF : 295.3/16

Left Out: 1.247 ± 0.181 χ^2/NDF : 371.3/14

Right Out: 3.707 ± 0.326 χ^2/NDF : 269.4/18

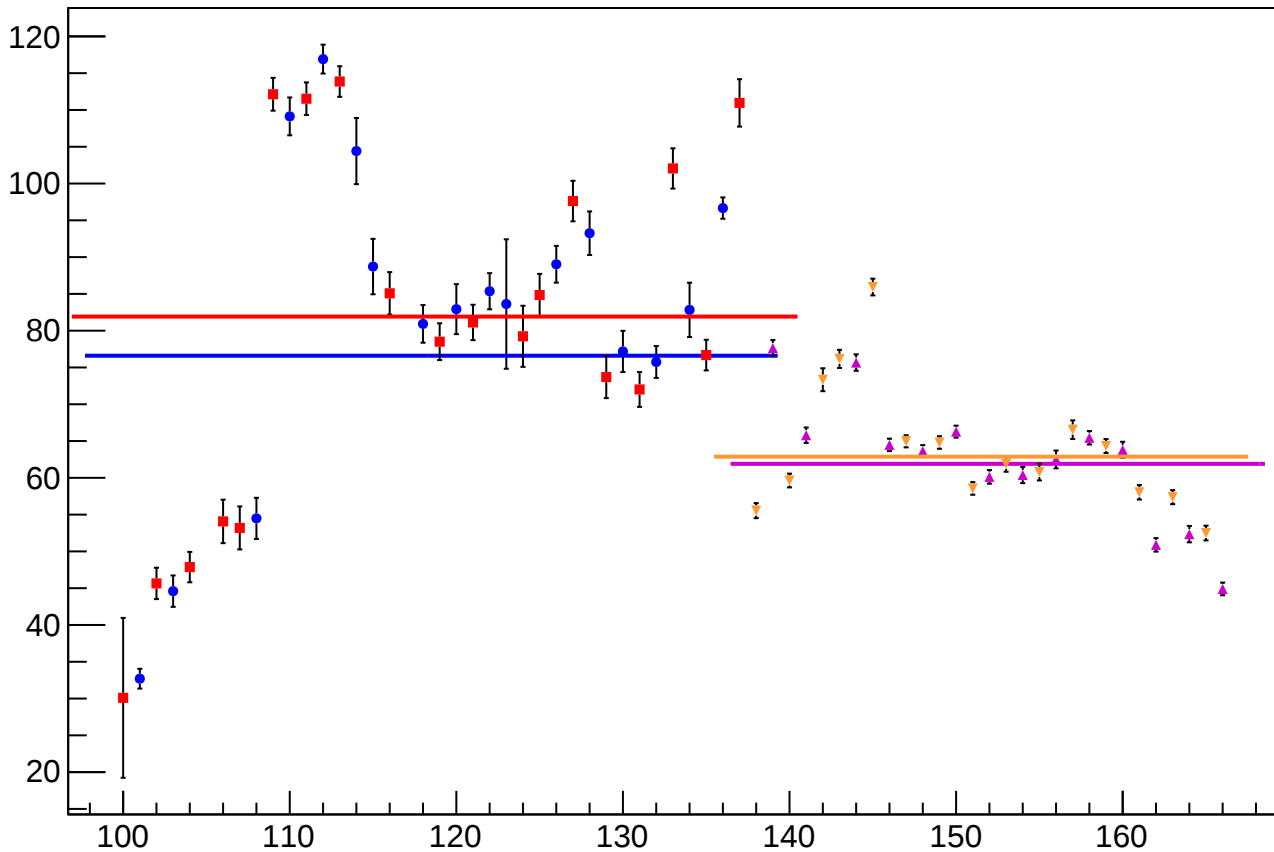
Left In: 1.166 ± 0.185 χ^2/NDF : 337.0/13

+ sign 1.546 ± 0.157 χ^2/NDF : 677.6/31

All: 1.661 ± 0.112 χ^2/NDF : 1331.0/64

- sign 1.782 ± 0.161 χ^2/NDF : 652.3/32

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.598 $\pm$ 0.576 χ^2 /NDF: 2255.1/16

Left Out: 62.878 $\pm$ 0.261 χ^2 /NDF:852.7/14

Right Out: 81.916 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

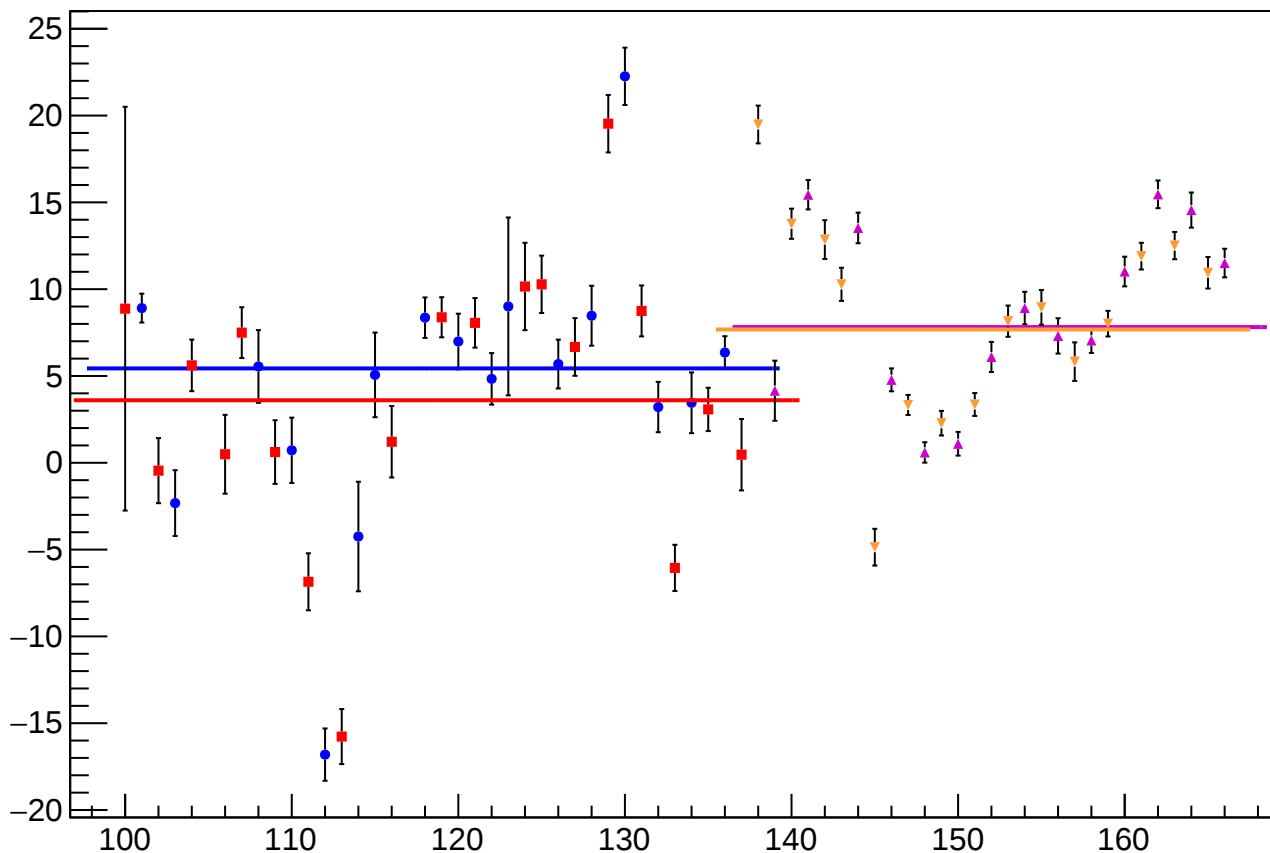
Left In: 61.903 $\pm$ 0.258 χ^2 /NDF:1045.8/13

+ sign 65.219 $\pm$ 0.238 χ^2 /NDF: 3578.3/31

All: 65.161 $\pm$ 0.168 χ^2 /NDF: 7154.8/64

- sign 65.104 $\pm$ 0.237 χ^2 /NDF: 3576.4/32

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.436 ± 0.360 χ^2/NDF : 387.2/16

Left Out: 7.679 ± 0.215 χ^2/NDF : 580.2/14

Right Out: 3.602 ± 0.375 χ^2/NDF : 423.3/18

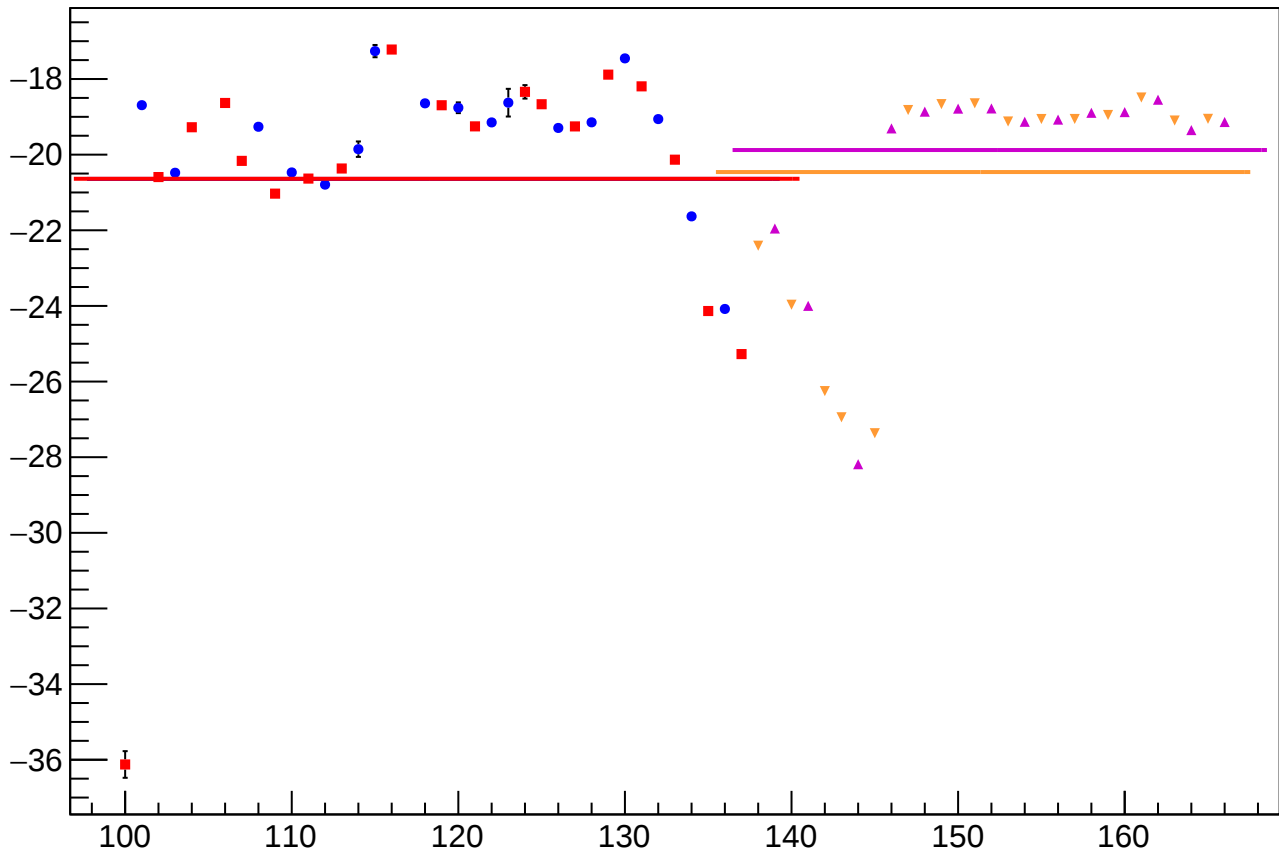
Left In: 7.817 ± 0.218 χ^2/NDF : 573.4/13

+ sign 7.092 ± 0.184 χ^2/NDF : 996.0/31

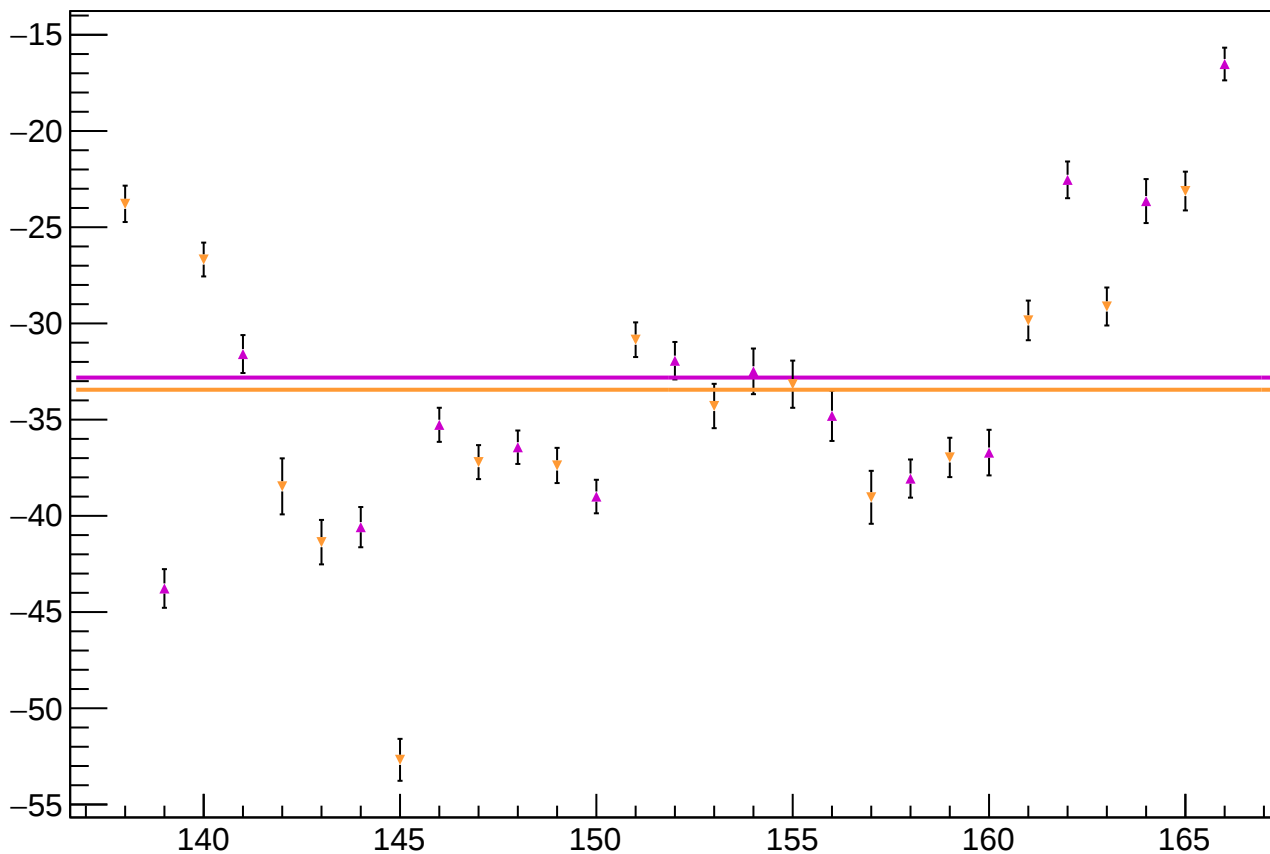
All: 6.927 ± 0.132 χ^2/NDF : 2088.8/64

- sign 6.755 ± 0.188 χ^2/NDF : 1091.2/32

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: -33.446+/-0.267 χ^2/NDF : 744.6/14

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

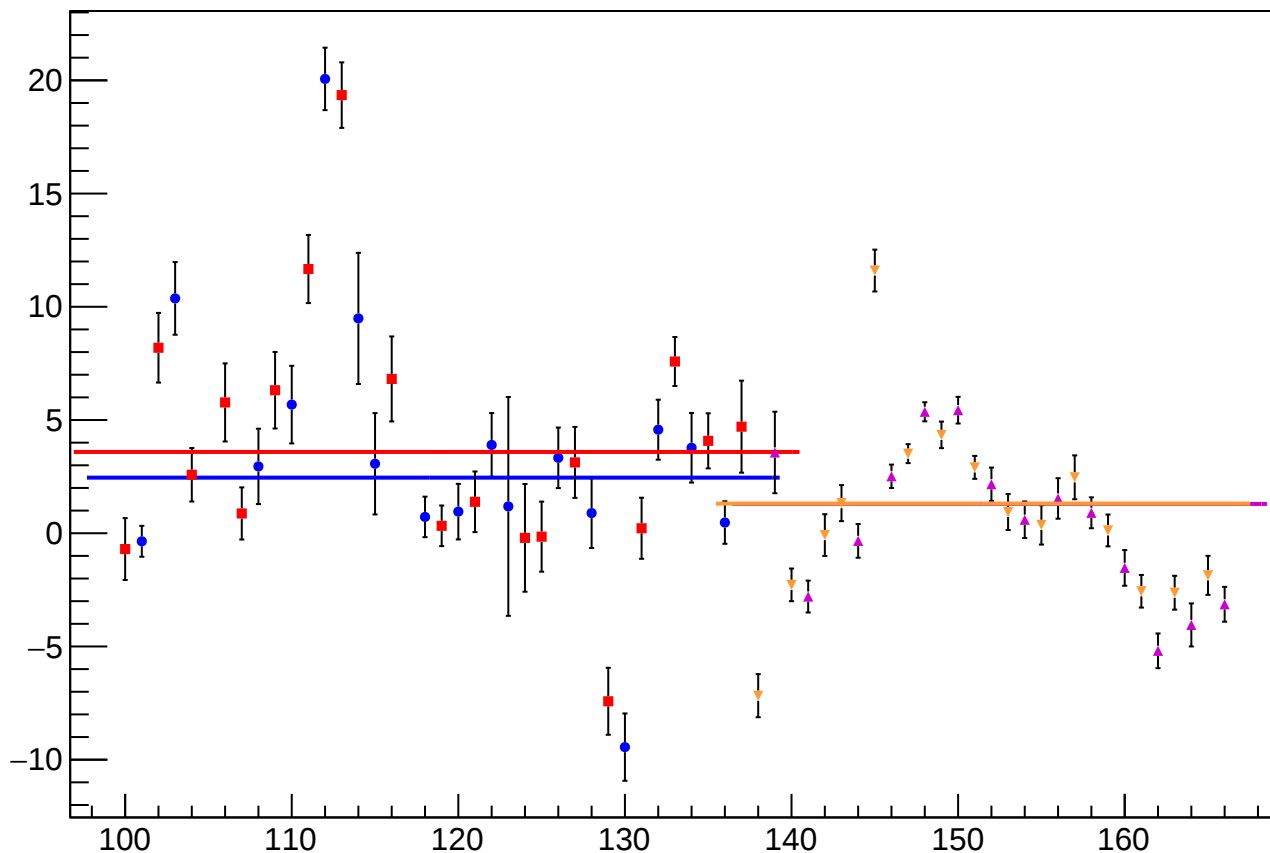
Left In: -32.814+/-0.266 χ^2/NDF : 841.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.129+/-0.188 χ^2/NDF : 1588.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.455 $\pm$ 0.315 χ^2 /NDF: 293.5/16

Left Out: 1.309 $\pm$ 0.181 χ^2 /NDF: 370.8/14

Right Out: 3.590 $\pm$ 0.318 χ^2 /NDF: 279.8/18

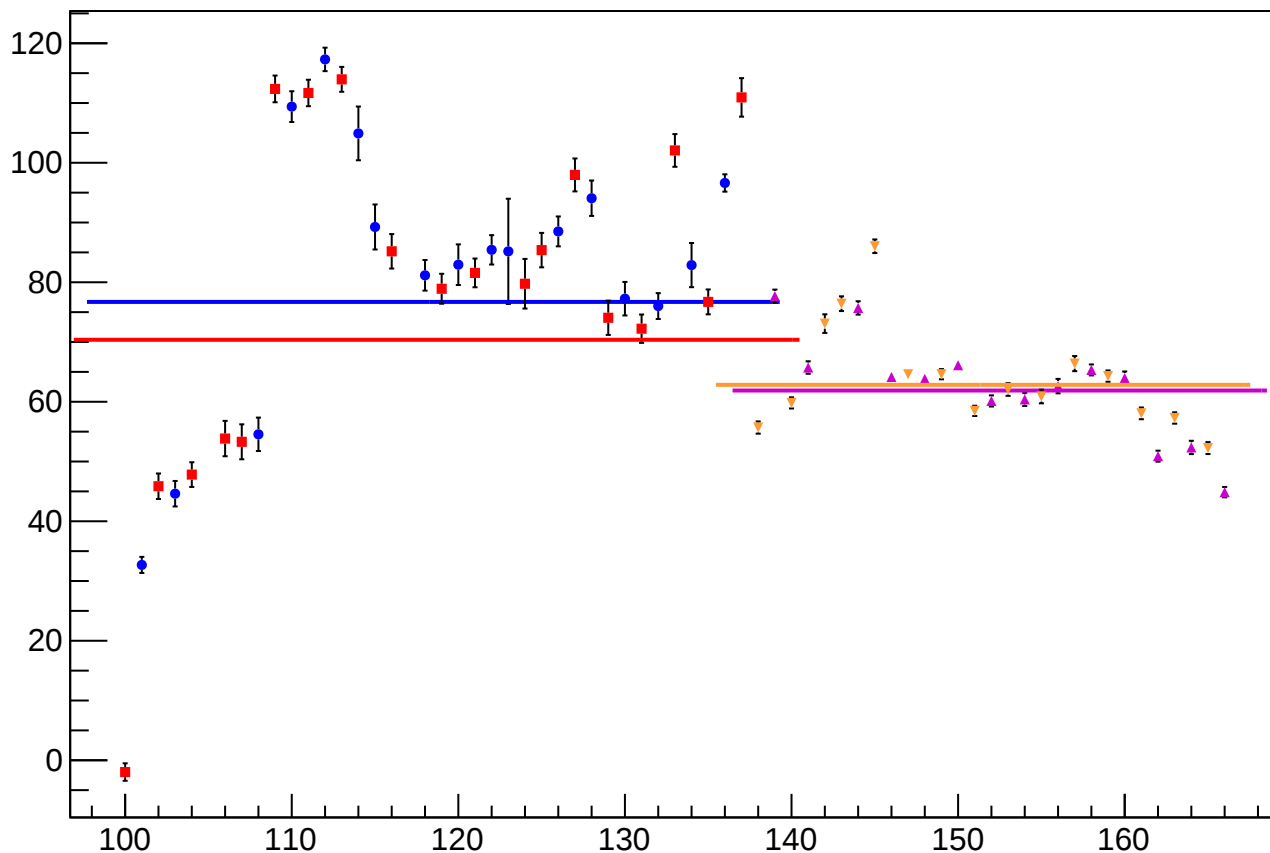
Left In: 1.294 $\pm$ 0.185 χ^2 /NDF: 340.3/13

+ sign 1.594 $\pm$ 0.157 χ^2 /NDF: 674.3/31

All: 1.731 $\pm$ 0.112 χ^2 /NDF: 1335.0/64

- sign 1.874 $\pm$ 0.160 χ^2 /NDF: 659.1/32

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.713 ± 0.576 $\chi^2/\text{NDF}: 2266.6/16$

Left Out: 62.834 ± 0.261 $\chi^2/\text{NDF}: 856.6/14$

Right Out: 70.376 ± 0.550 $\chi^2/\text{NDF}: 4390.7/18$

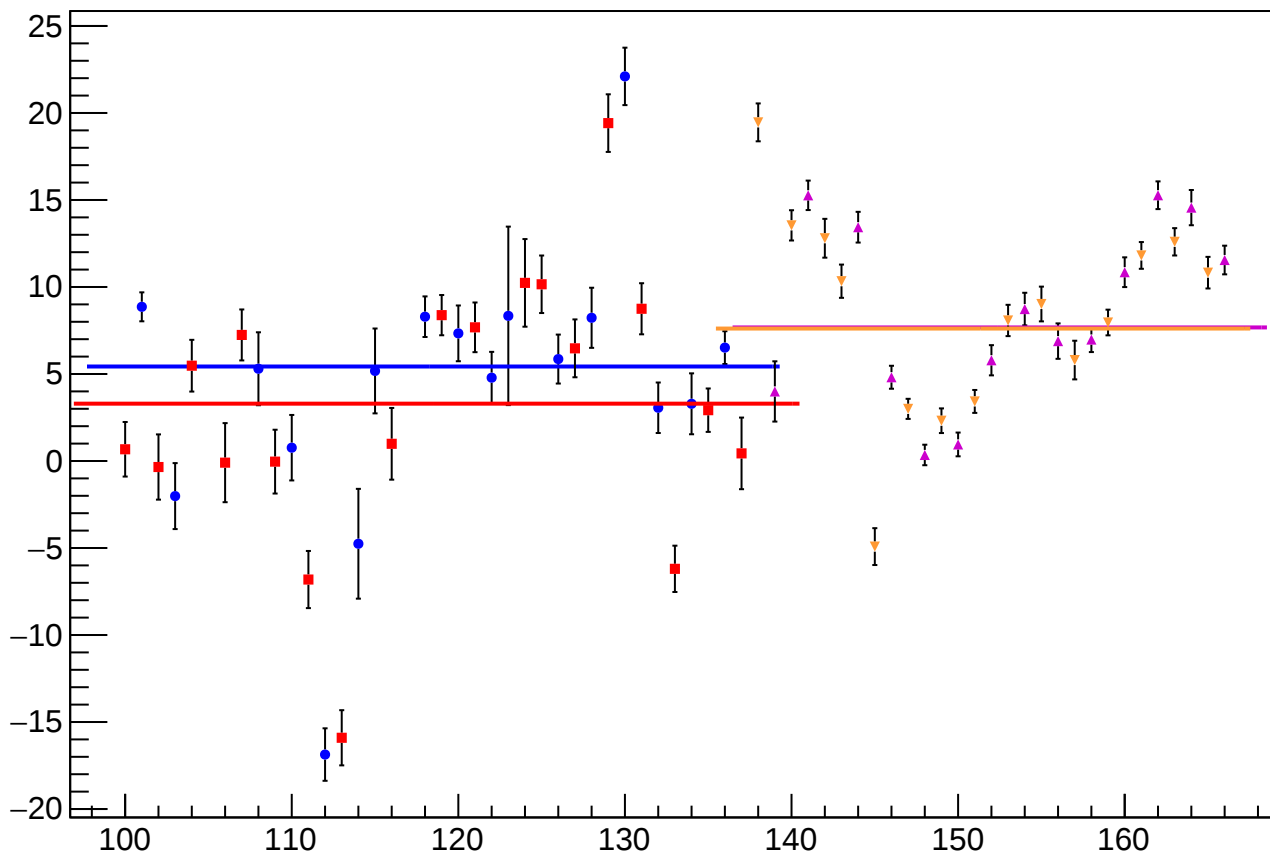
Left In: 61.883 ± 0.259 $\chi^2/\text{NDF}: 1043.4/13$

+ sign 65.202 ± 0.238 $\chi^2/\text{NDF}: 3604.2/31$

All: 64.296 ± 0.167 $\chi^2/\text{NDF}: 9262.0/64$

- sign 63.421 ± 0.234 $\chi^2/\text{NDF}: 5629.4/32$

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.430 ± 0.361 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 7.611 ± 0.215 $\chi^2/\text{NDF}: 582.7/14$

Right Out: 3.295 ± 0.365 $\chi^2/\text{NDF}: 426.1/18$

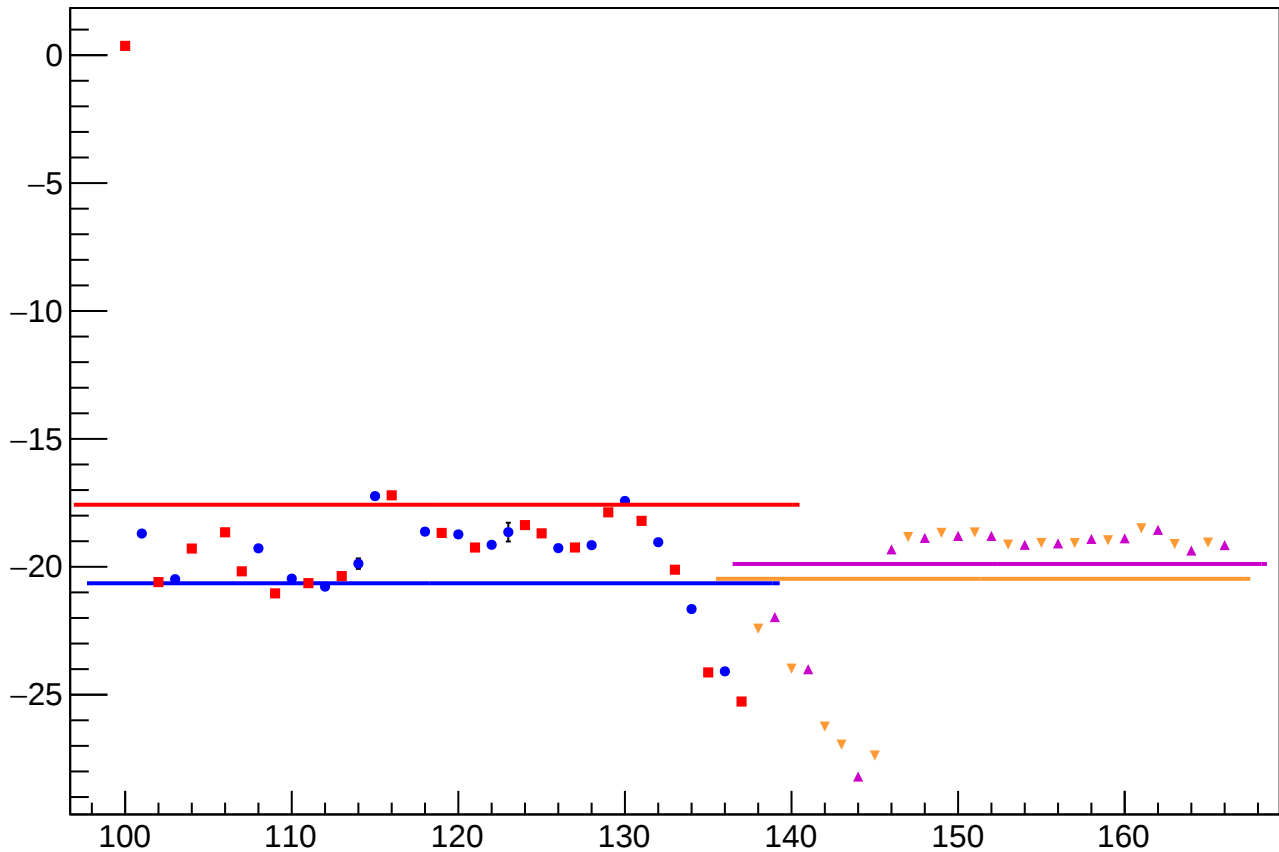
Left In: 7.676 ± 0.218 $\chi^2/\text{NDF}: 578.5/13$

+ sign 7.040 ± 0.185 $\chi^2/\text{NDF}: 995.6/31$

All: 6.787 ± 0.131 $\chi^2/\text{NDF}: 2110.2/64$

- sign 6.526 ± 0.187 $\chi^2/\text{NDF}: 1110.8/32$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.643 ± 0.019 $\chi^2/\text{NDF}: 12468.6/16$

Left Out: -20.469 ± 0.010 $\chi^2/\text{NDF}: 76340.9/14$

Right Out: -17.574 ± 0.018 $\chi^2/\text{NDF}: 178327.0/18$

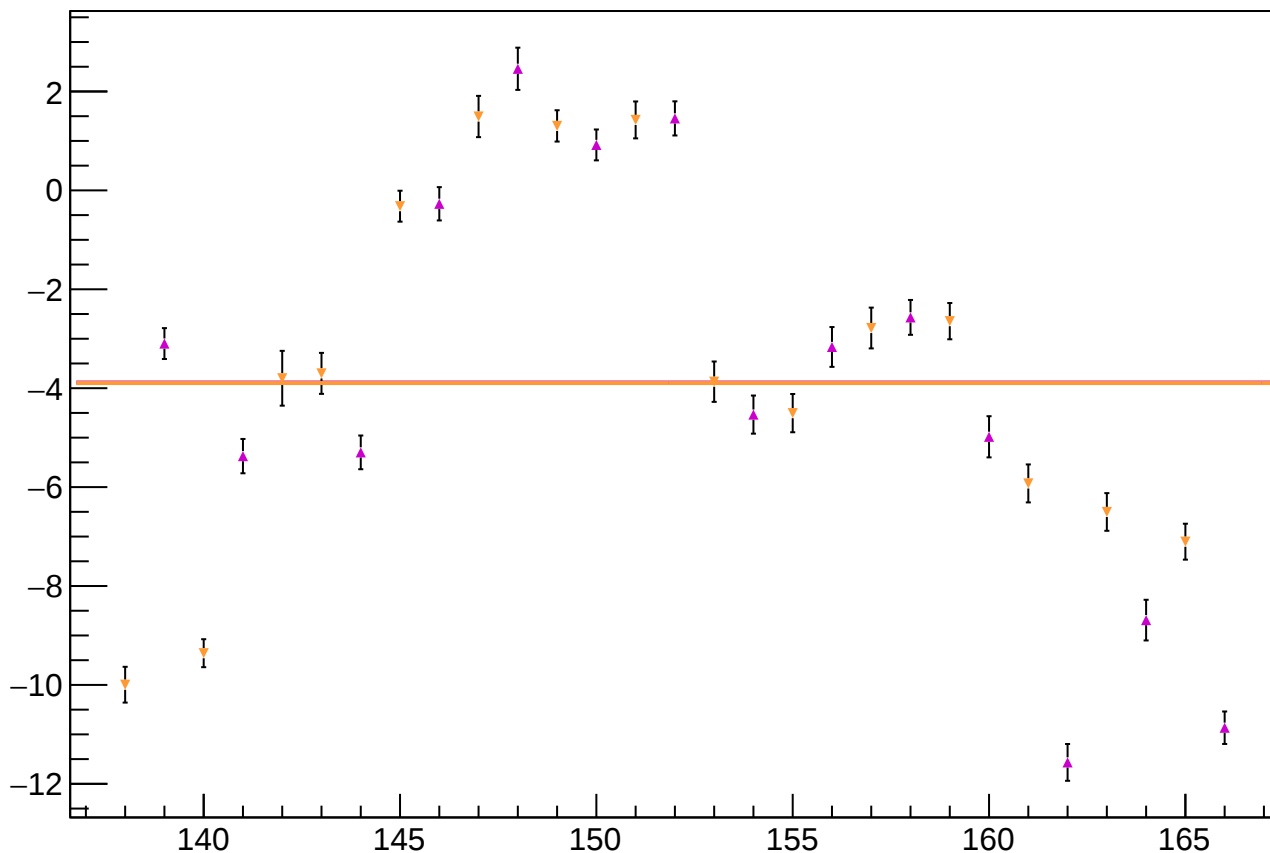
Left In: -19.889 ± 0.010 $\chi^2/\text{NDF}: 48277.6/13$

+ sign -20.508 ± 0.009 $\chi^2/\text{NDF}: 88872.1/31$

All: -19.900 ± 0.006 $\chi^2/\text{NDF}: 336523.3/64$

- sign -19.318 ± 0.009 $\chi^2/\text{NDF}: 239020.6/32$

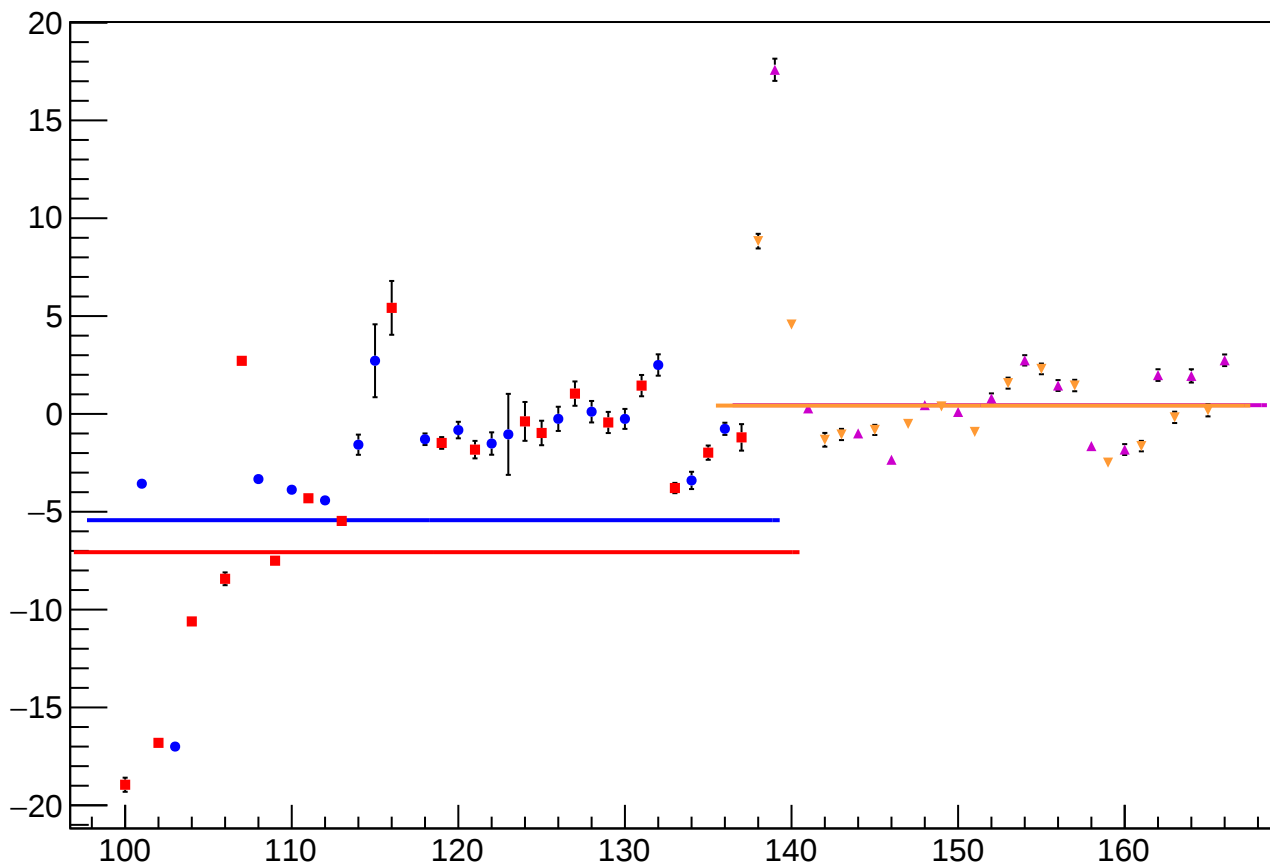
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.896 $\pm$ 0.096 χ^2 /NDF:1601.6/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.885 $\pm$ 0.096 χ^2 /NDF:1895.5/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -3.891 $\pm$ 0.068 χ^2 /NDF: 3497.1/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.431 ± 0.055 χ^2/NDF : 9233.8/16

Left Out: 0.426 ± 0.068 χ^2/NDF : 1220.6/14

Right Out: -7.066 ± 0.059 χ^2/NDF : 12306.6/18

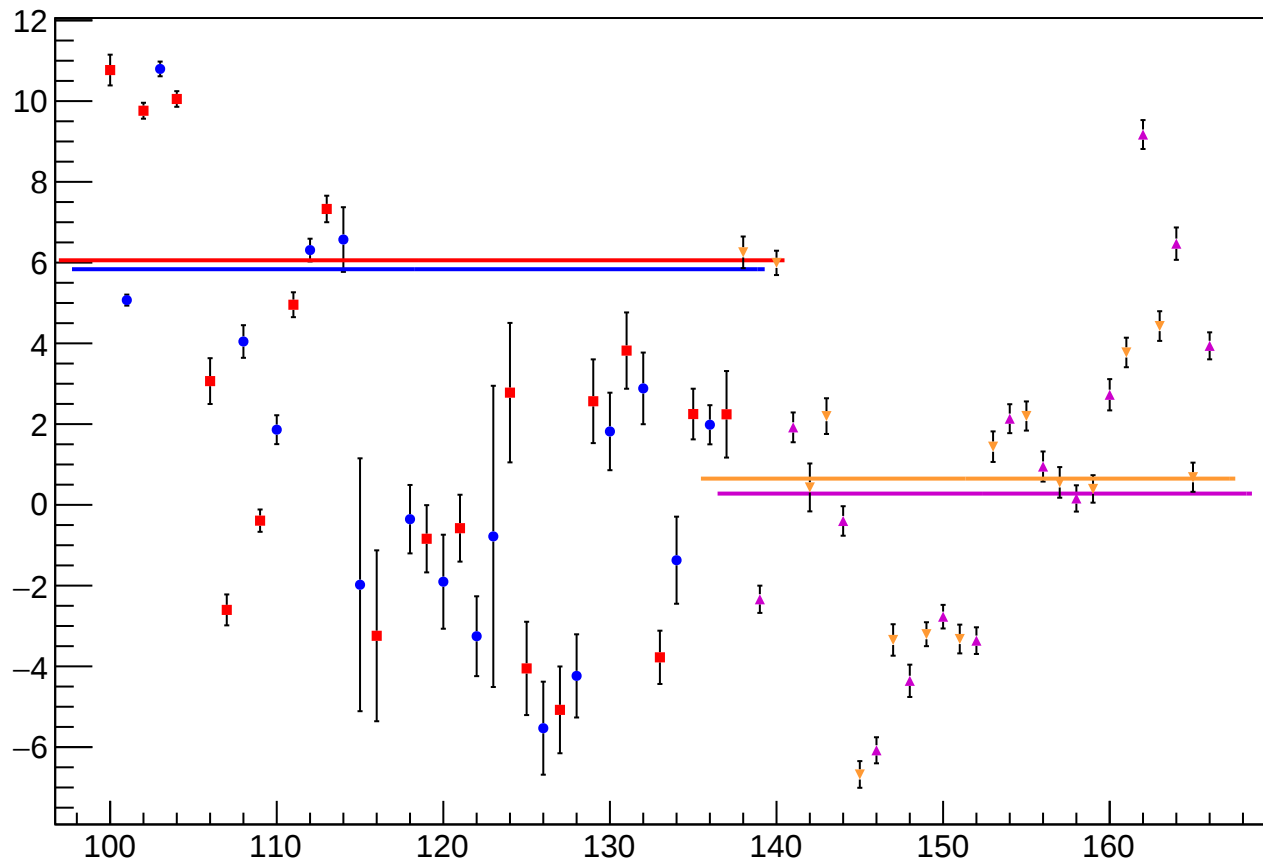
Left In: 0.446 ± 0.070 χ^2/NDF : 1457.8/13

+ sign -3.106 ± 0.043 χ^2/NDF : 14978.4/31

All: -3.494 ± 0.031 χ^2/NDF : 35684.4/64

- sign -3.928 ± 0.045 χ^2/NDF : 20530.2/32

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.836 ± 0.090 $\chi^2/\text{NDF}: 1440.9/16$

Left Out: 0.650 ± 0.094 $\chi^2/\text{NDF}: 1622.8/14$

Right Out: 6.057 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

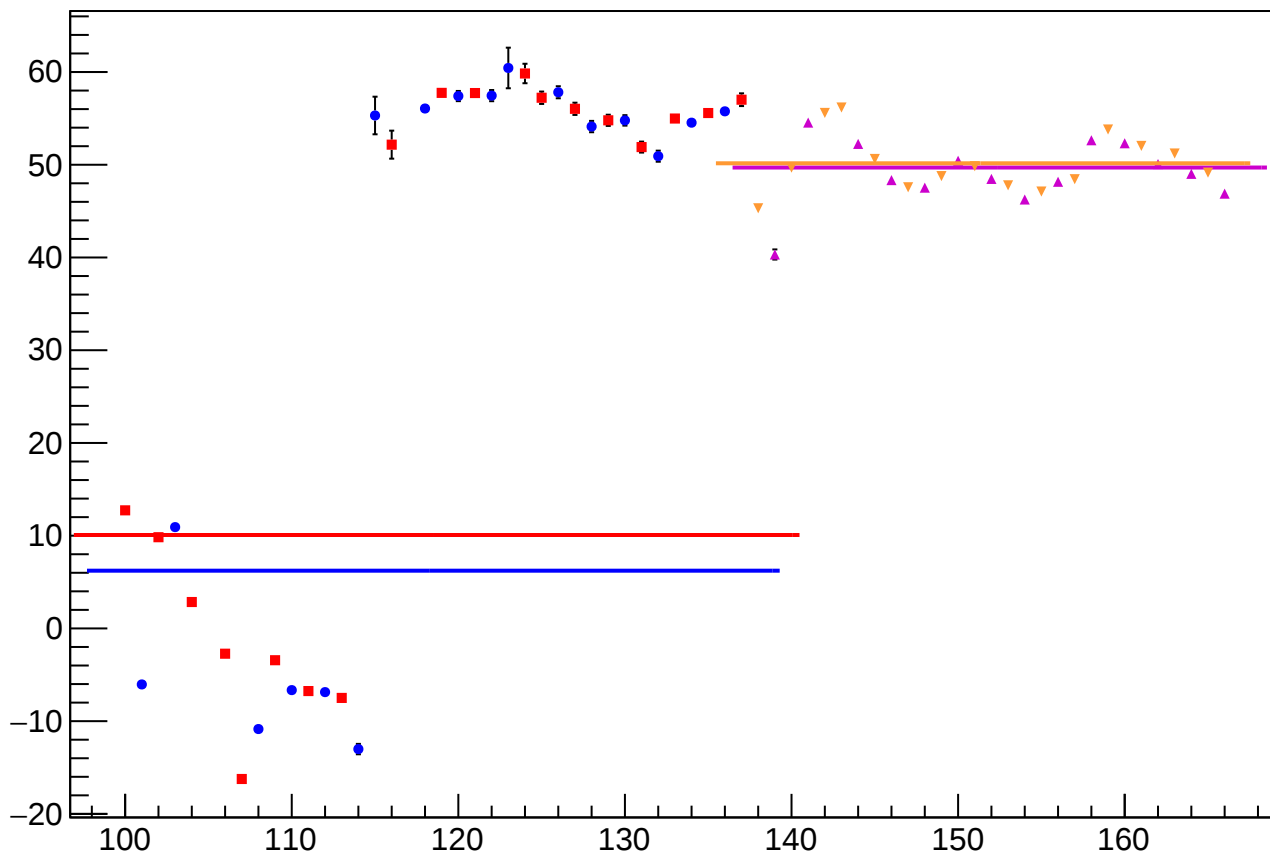
Left In: 0.279 ± 0.094 $\chi^2/\text{NDF}: 1880.8/13$

+ sign 3.365 ± 0.065 $\chi^2/\text{NDF}: 4658.2/31$

All: 3.271 ± 0.046 $\chi^2/\text{NDF}: 11125.2/64$

- sign 3.174 ± 0.066 $\chi^2/\text{NDF}: 6462.7/32$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.226 ± 0.065 $\chi^2/\text{NDF}: 120955.1/16$

Left Out: 50.157 ± 0.079 $\chi^2/\text{NDF}: 1155.3/14$

Right Out: 10.075 ± 0.070 $\chi^2/\text{NDF}: 122049.3/18$

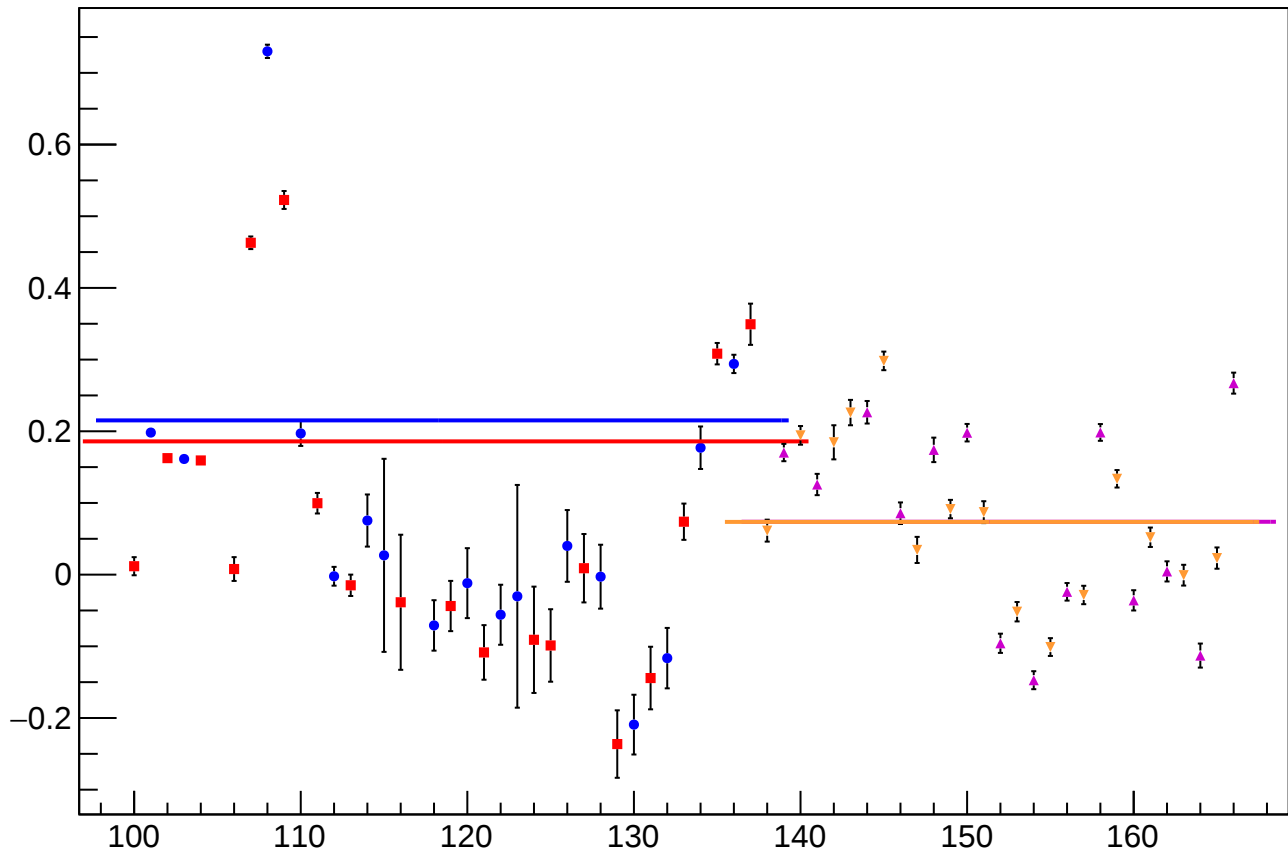
Left In: 49.700 ± 0.080 $\chi^2/\text{NDF}: 1184.5/13$

+ sign 23.945 ± 0.050 $\chi^2/\text{NDF}: 307321.3/31$

All: 25.439 ± 0.036 $\chi^2/\text{NDF}: 571076.2/64$

- sign 27.091 ± 0.053 $\chi^2/\text{NDF}: 261880.9/32$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3925.9/16

Left Out: 0.074 $\pm$ 0.004 χ^2 /NDF: 901.3/14

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2718.1/18

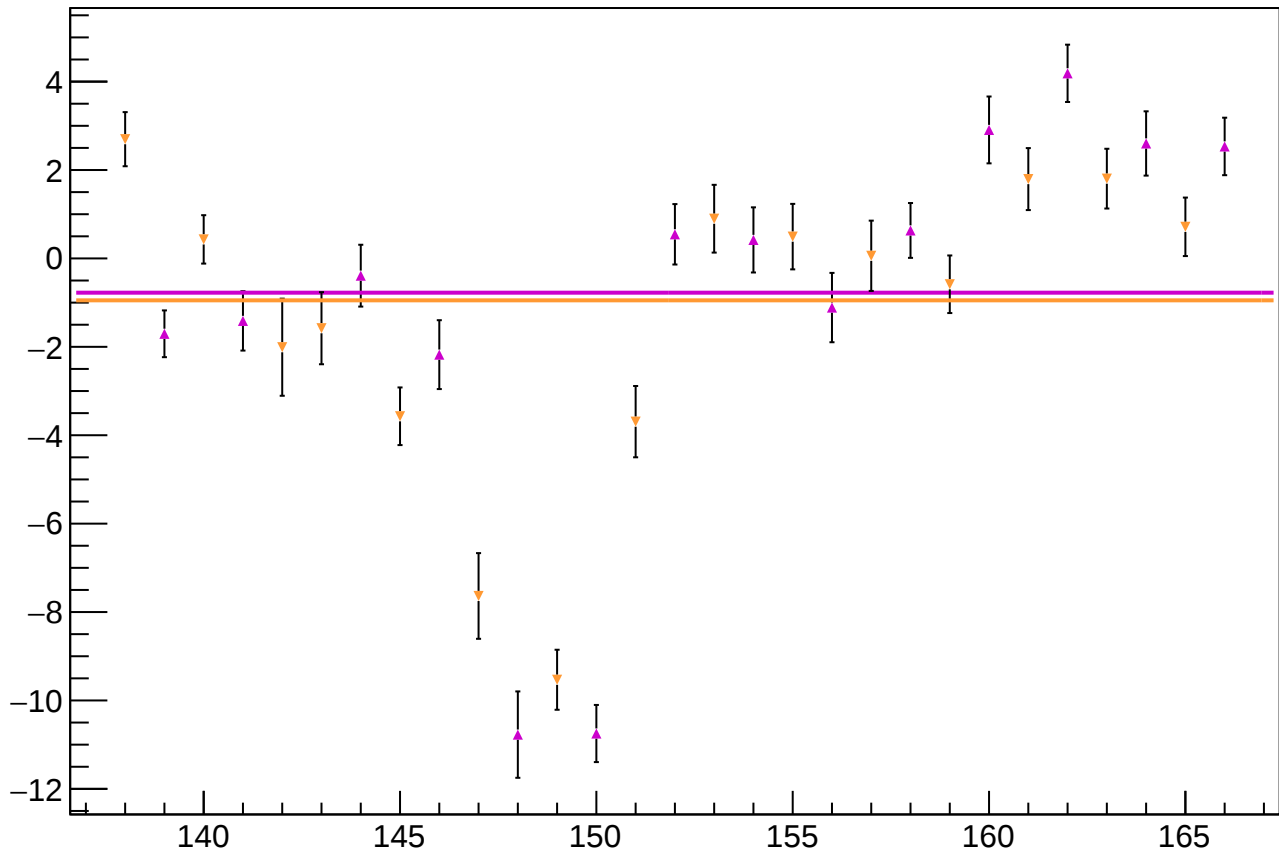
Left In: 0.074 $\pm$ 0.004 χ^2 /NDF: 1339.3/13

+ sign 0.164 $\pm$ 0.002 χ^2 /NDF: 5773.3/31

All: 0.155 $\pm$ 0.002 χ^2 /NDF: 10468.6/64

- sign 0.147 $\pm$ 0.002 χ^2 /NDF: 4664.7/32

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.948 $\pm$ 0.184 χ^2 /NDF: 328.2/14

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

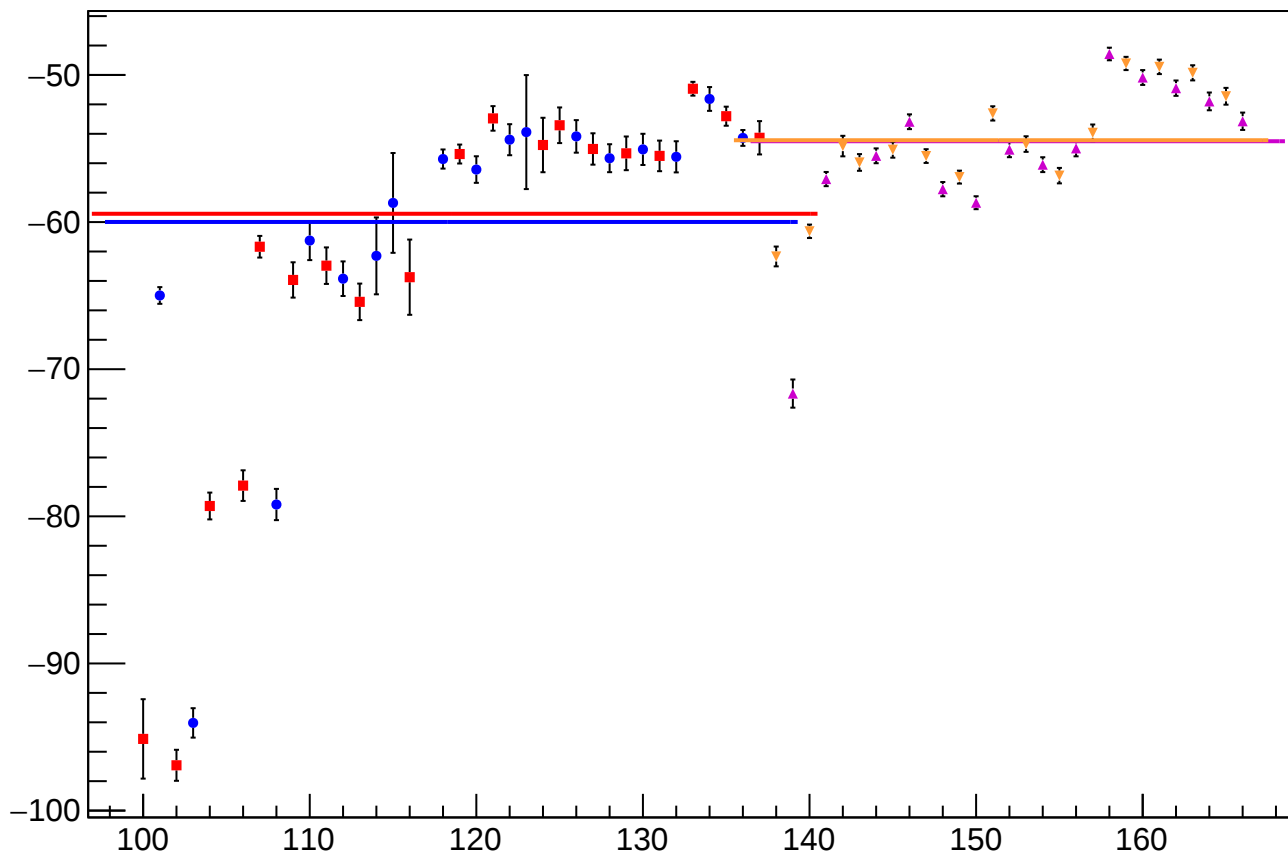
Left In: -0.775 $\pm$ 0.184 χ^2 /NDF: 491.6/13

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

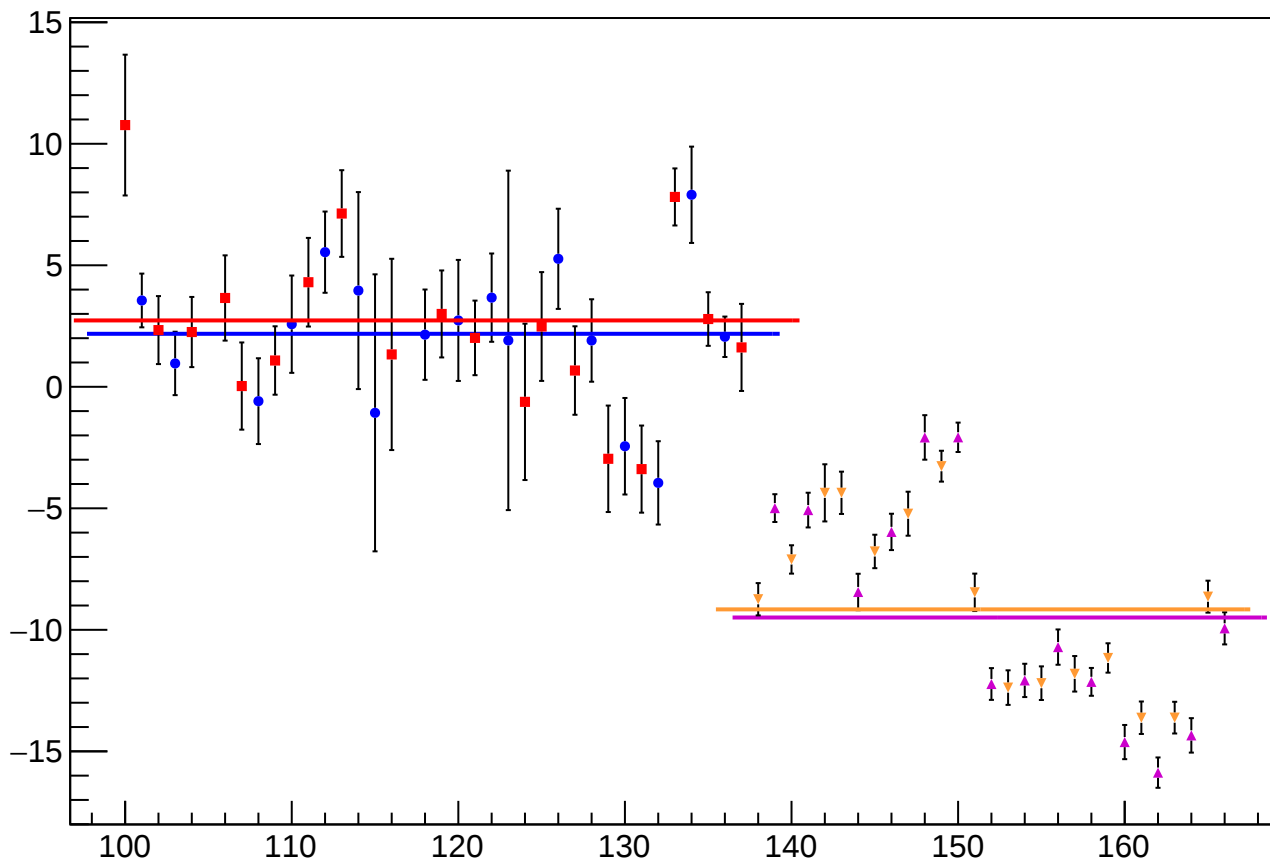
All: -0.862 $\pm$ 0.130 χ^2 /NDF: 820.3/28

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

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.181 ± 0.406 $\chi^2/\text{NDF}: 39.0/16$

Left Out: -9.159 ± 0.182 $\chi^2/\text{NDF}: 333.3/14$

Right Out: 2.731 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

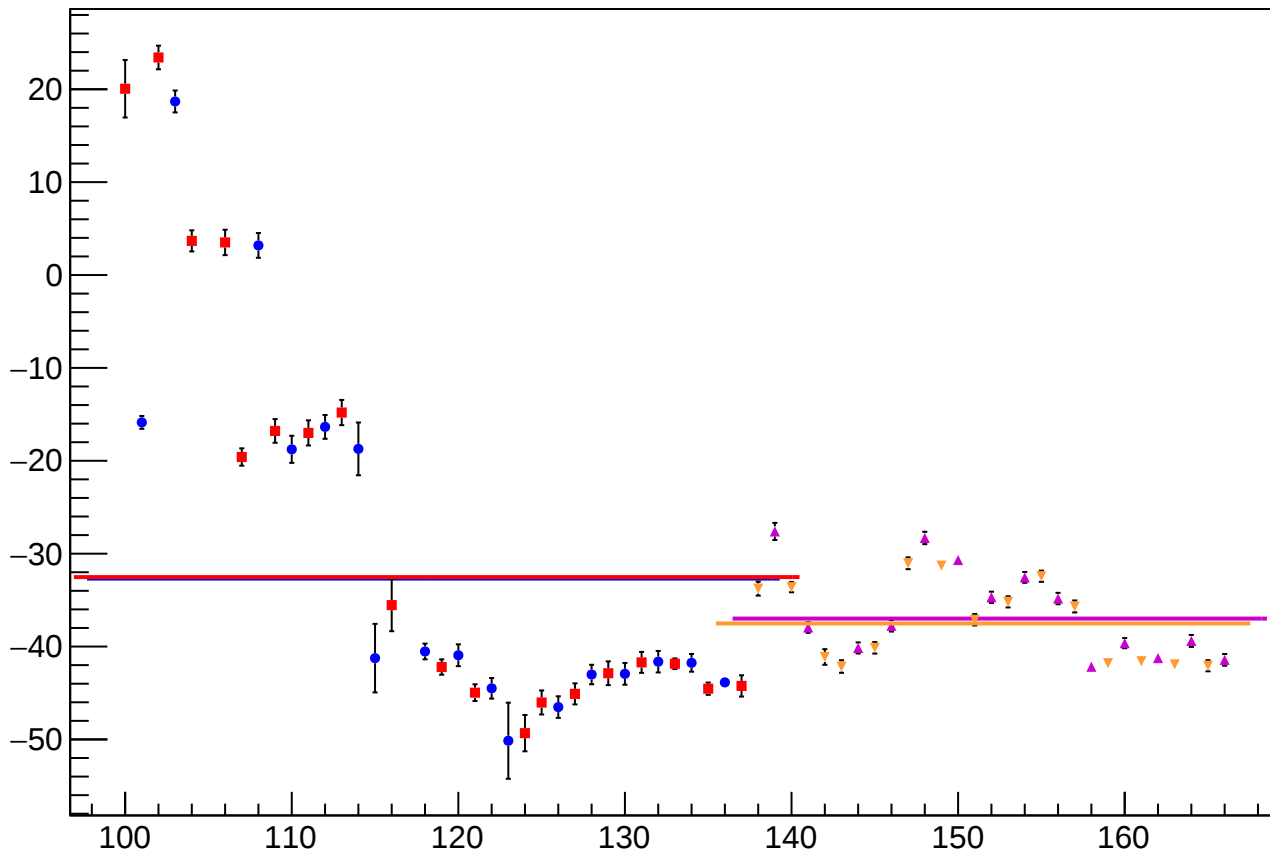
Left In: -9.493 ± 0.180 $\chi^2/\text{NDF}: 601.0/13$

+ sign -7.265 ± 0.166 $\chi^2/\text{NDF}: 1023.3/31$

All: -7.295 ± 0.116 $\chi^2/\text{NDF}: 2499.9/64$

- sign -7.324 ± 0.163 $\chi^2/\text{NDF}: 1476.5/32$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.682 ± 0.256 $\chi^2/\text{NDF}: 4646.9/16$

Left Out: -37.514 ± 0.154 $\chi^2/\text{NDF}: 759.9/14$

Right Out: -32.523 ± 0.244 $\chi^2/\text{NDF}: 6045.3/18$

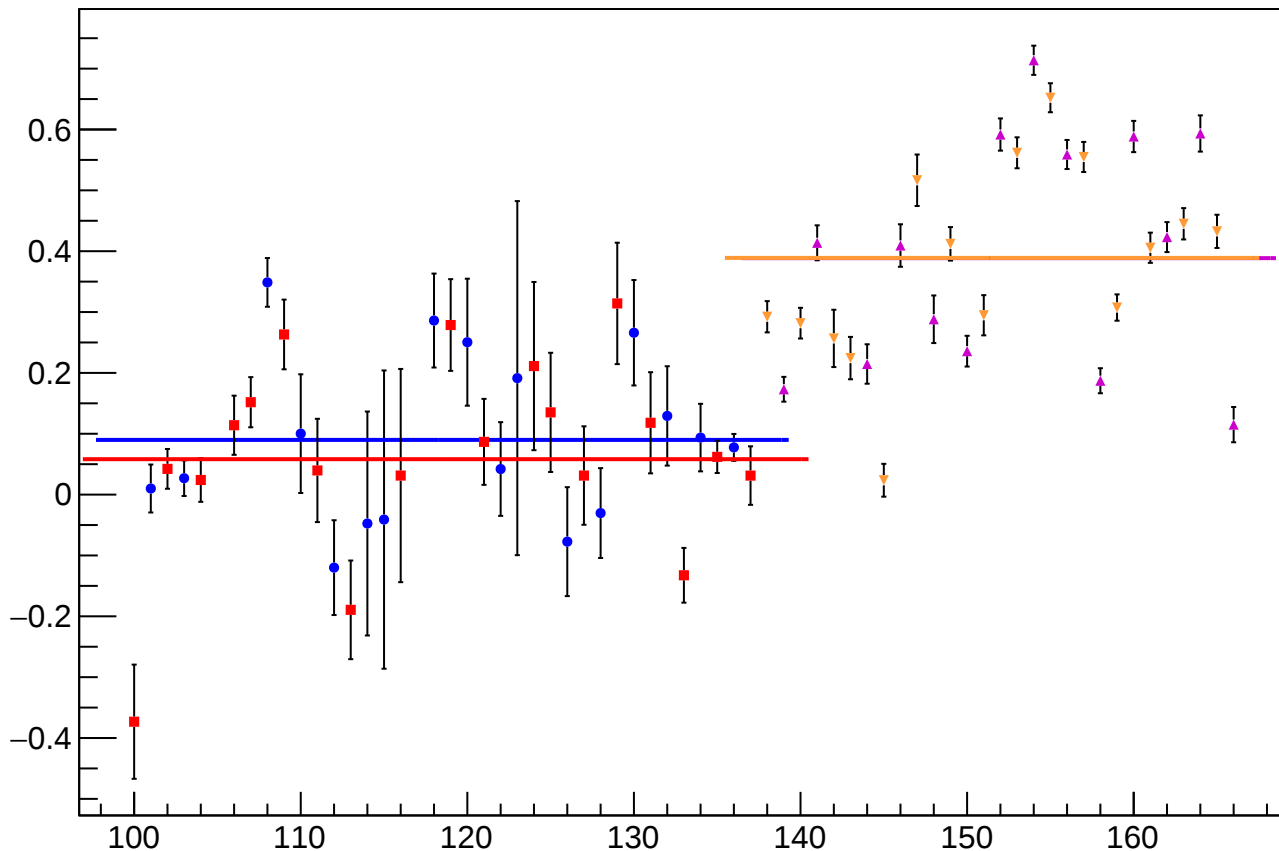
Left In: -36.988 ± 0.157 $\chi^2/\text{NDF}: 822.3/13$

+ sign -36.228 ± 0.132 $\chi^2/\text{NDF}: 5668.7/31$

All: -35.954 ± 0.093 $\chi^2/\text{NDF}: 12781.7/64$

- sign -35.680 ± 0.132 $\chi^2/\text{NDF}: 7104.4/32$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 78.8/16$

Left Out: 0.389 ± 0.007 $\chi^2/\text{NDF}: 499.0/14$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

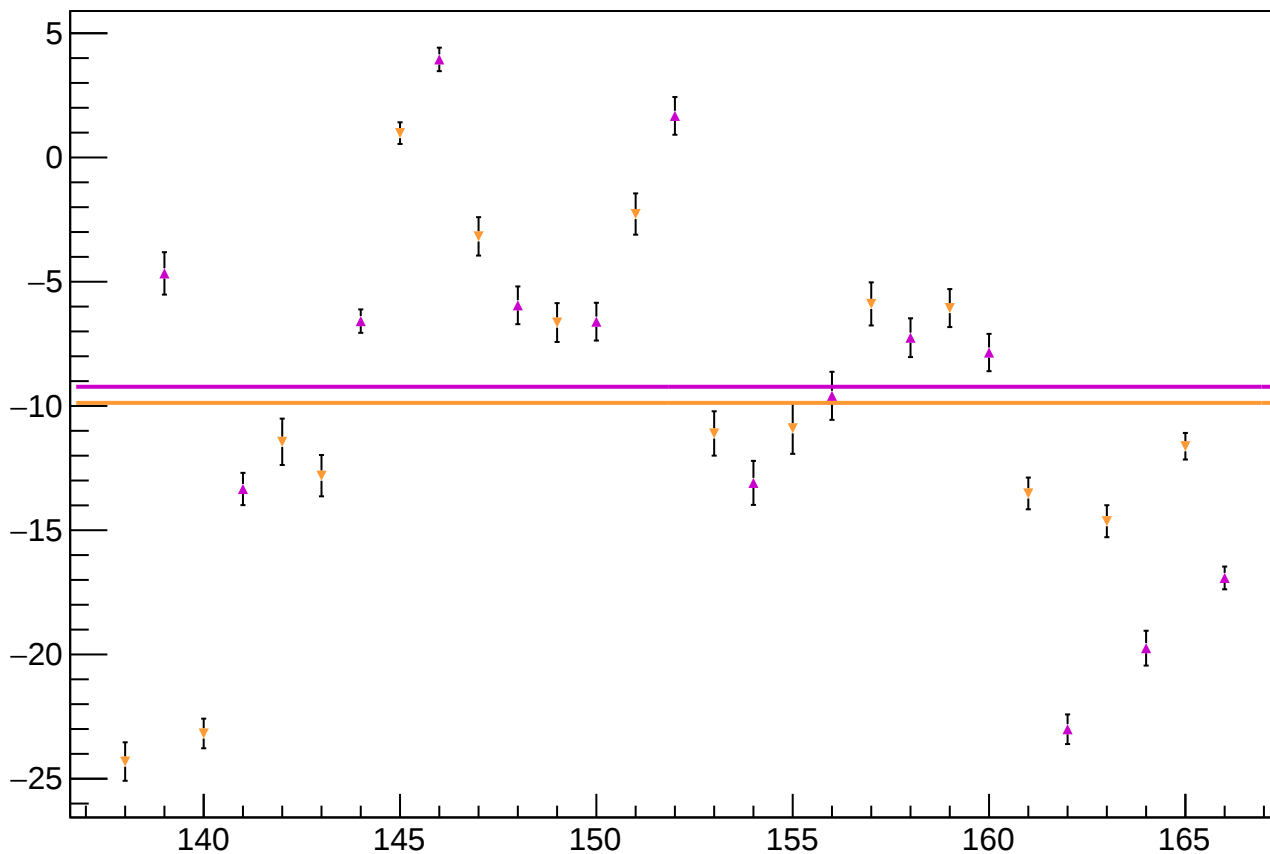
Left In: 0.389 ± 0.007 $\chi^2/\text{NDF}: 773.2/13$

+ sign 0.319 ± 0.006 $\chi^2/\text{NDF}: 999.3/31$

All: 0.312 ± 0.004 $\chi^2/\text{NDF}: 2415.2/64$

- sign 0.306 ± 0.006 $\chi^2/\text{NDF}: 1413.8/32$

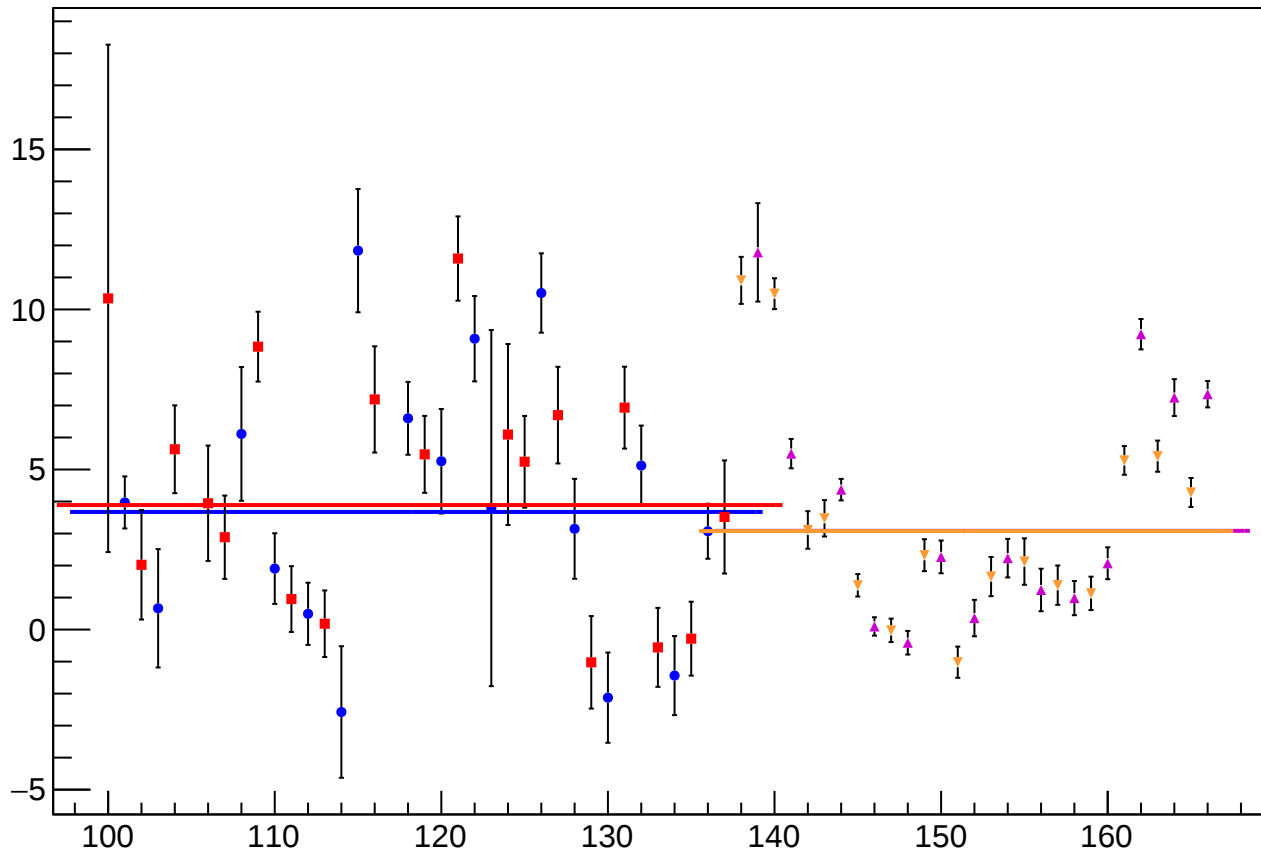
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.876+/-0.180 χ^2/NDF : 1802.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.227+/-0.173 χ^2/NDF : 2183.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.538+/-0.125 χ^2/NDF : 3992.7/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.675 ± 0.310 χ^2/NDF : 135.2/16

Left Out: 3.078 ± 0.128 χ^2/NDF : 601.3/14

Right Out: 3.890 ± 0.316 χ^2/NDF : 133.7/18

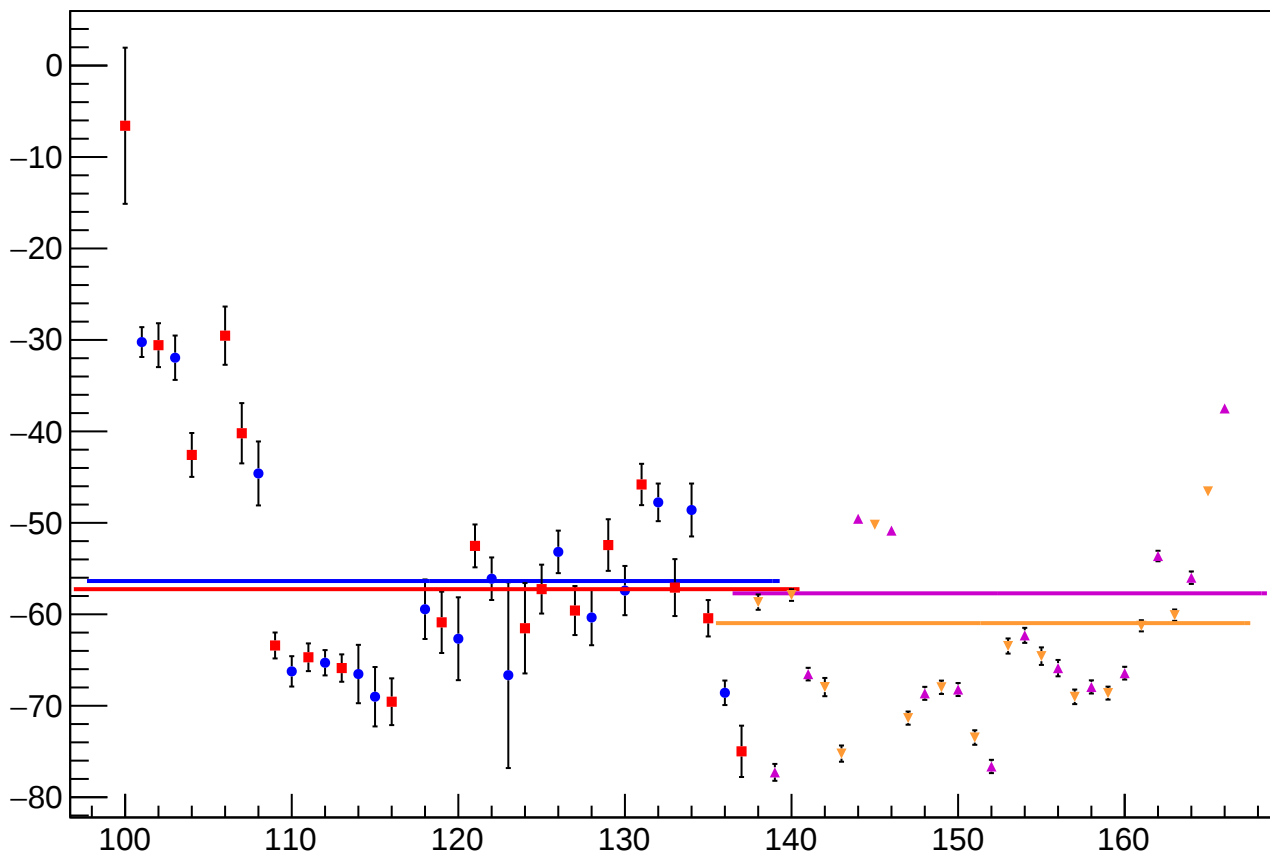
Left In: 3.085 ± 0.123 χ^2/NDF : 654.0/13

+ sign 3.165 ± 0.118 χ^2/NDF : 739.6/31

All: 3.178 ± 0.082 χ^2/NDF : 1533.0/64

- sign 3.190 ± 0.114 χ^2/NDF : 793.4/32

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.362 ± 0.543 χ^2/NDF : 587.2/16

Left Out: -60.965 ± 0.179 χ^2/NDF : 2401.3/14

Right Out: -57.252 ± 0.536 χ^2/NDF : 476.0/18

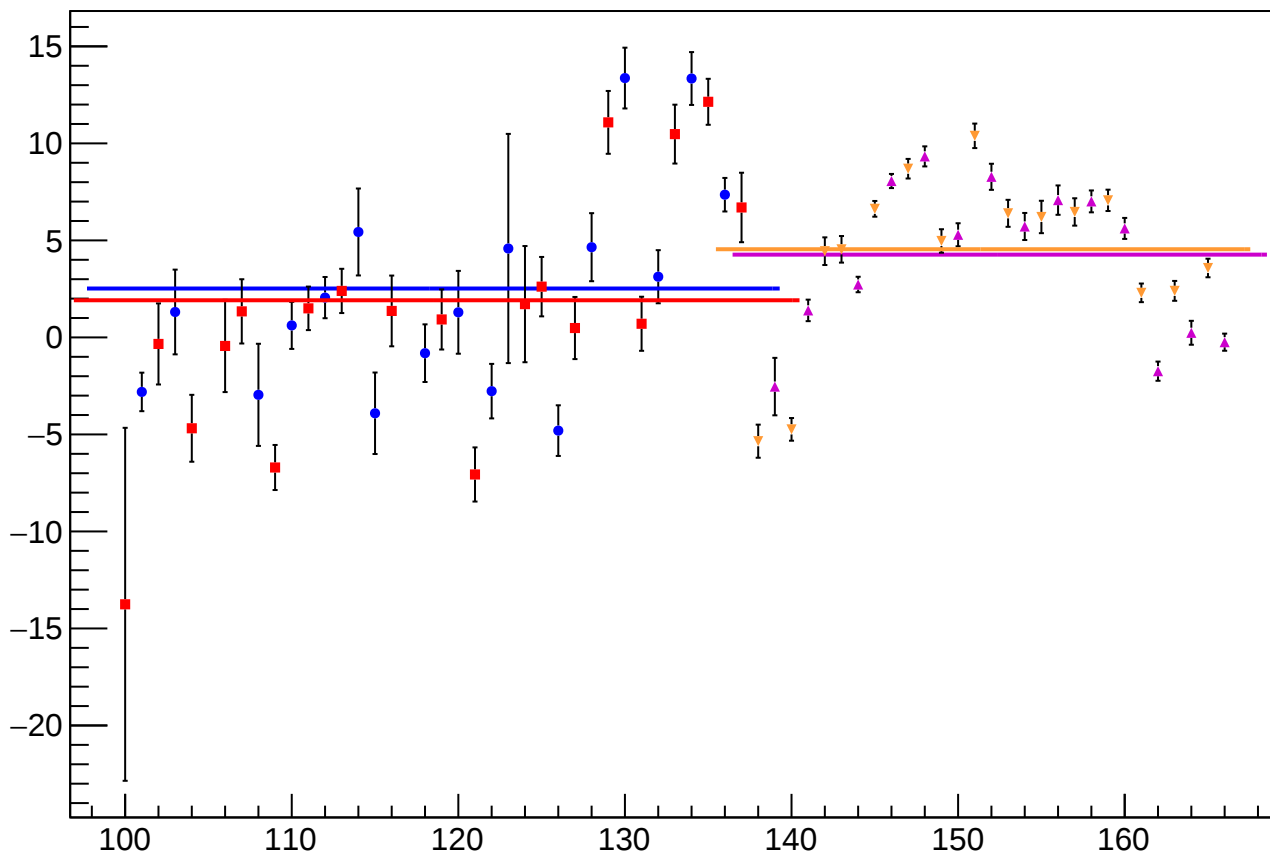
Left In: -57.705 ± 0.171 χ^2/NDF : 4646.4/13

+ sign -60.512 ± 0.170 χ^2/NDF : 3053.3/31

All: -59.022 ± 0.118 χ^2/NDF : 8322.8/64

- sign -57.664 ± 0.163 χ^2/NDF : 5123.0/32

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.520 ± 0.347 χ^2/NDF : 242.3/16

Left Out: 4.544 ± 0.149 χ^2/NDF : 650.3/14

Right Out: 1.914 ± 0.355 χ^2/NDF : 264.5/18

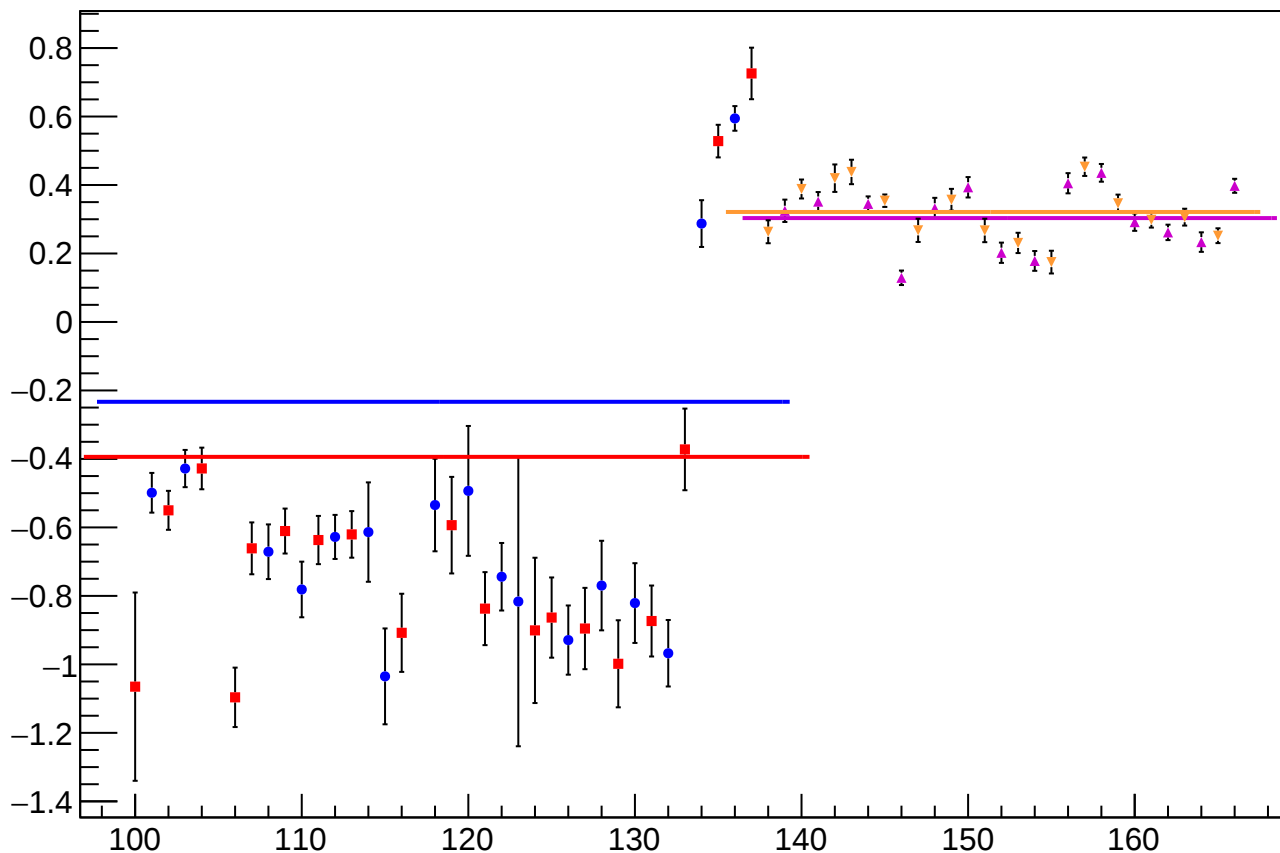
Left In: 4.266 ± 0.144 χ^2/NDF : 648.4/13

+ sign 4.229 ± 0.137 χ^2/NDF : 921.4/31

All: 4.078 ± 0.095 χ^2/NDF : 1874.5/64

- sign 3.935 ± 0.133 χ^2/NDF : 950.7/32

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.233 $\pm$ 0.019 χ^2 /NDF: 956.8/16

Left Out: 0.321 $\pm$ 0.007 χ^2 /NDF:100.6/14

Right Out: -0.394 $\pm$ 0.019 χ^2 /NDF: 845.2/18

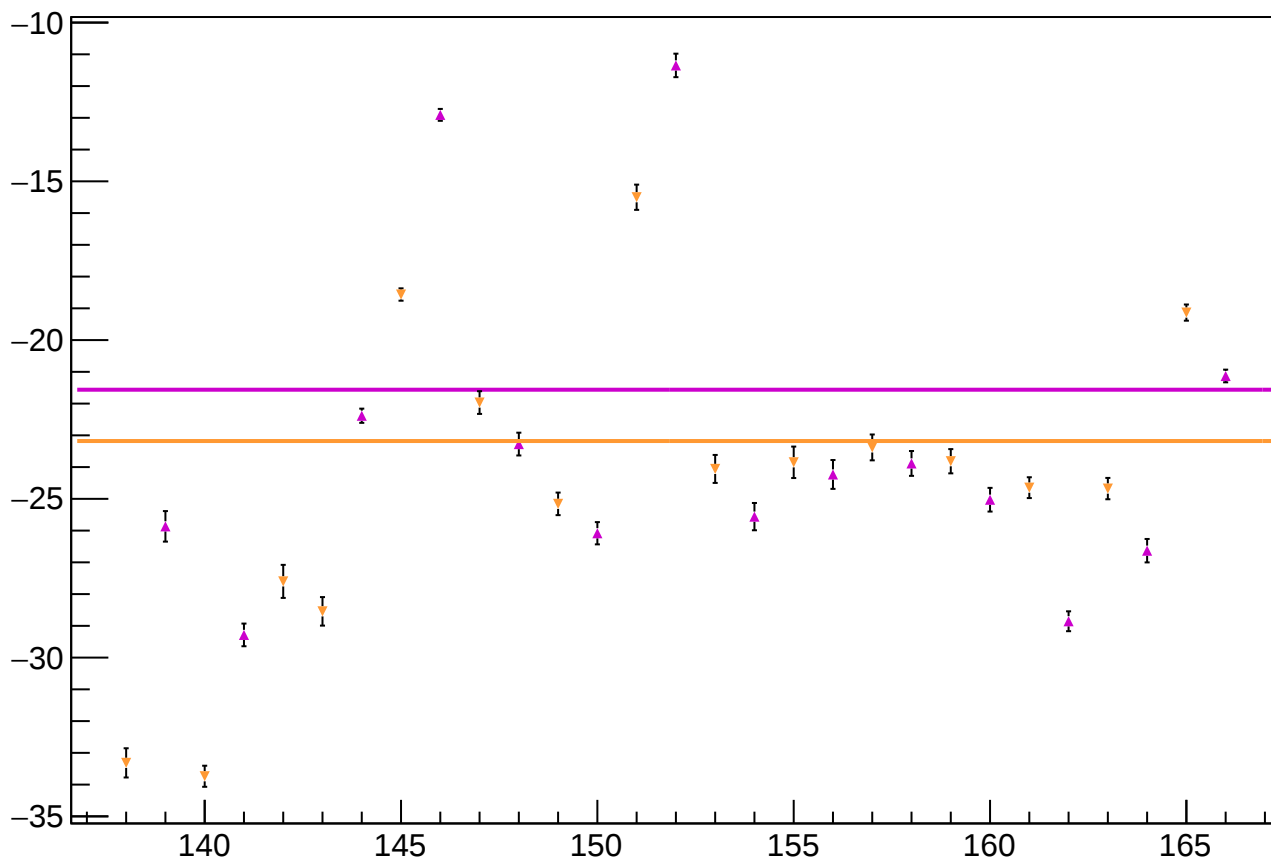
Left In: 0.303 $\pm$ 0.007 χ^2 /NDF:184.2/13

+ sign 0.253 $\pm$ 0.007 χ^2 /NDF: 1811.9/31

All: 0.237 $\pm$ 0.005 χ^2 /NDF: 4043.4/64

- sign 0.222 $\pm$ 0.007 χ^2 /NDF: 2219.8/32

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.179+/-0.089 χ^2/NDF : 2989.0/14

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

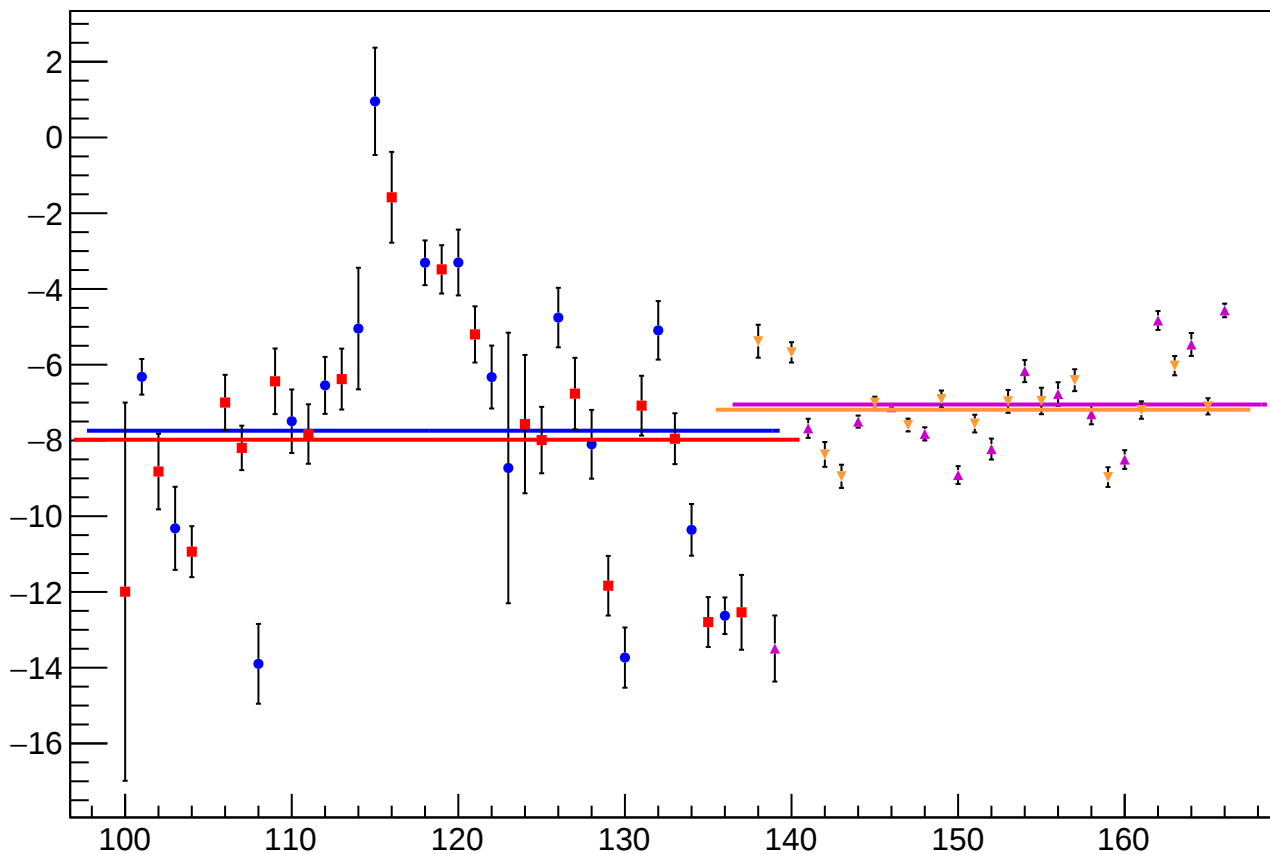
Left In: -21.563+/-0.082 χ^2/NDF : 4625.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.301+/-0.060 χ^2/NDF : 7793.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.743 ± 0.187 χ^2/NDF : 377.5/16

Left Out: -7.189 ± 0.063 χ^2/NDF : 182.2/14

Right Out: -7.981 ± 0.186 χ^2/NDF : 223.5/18

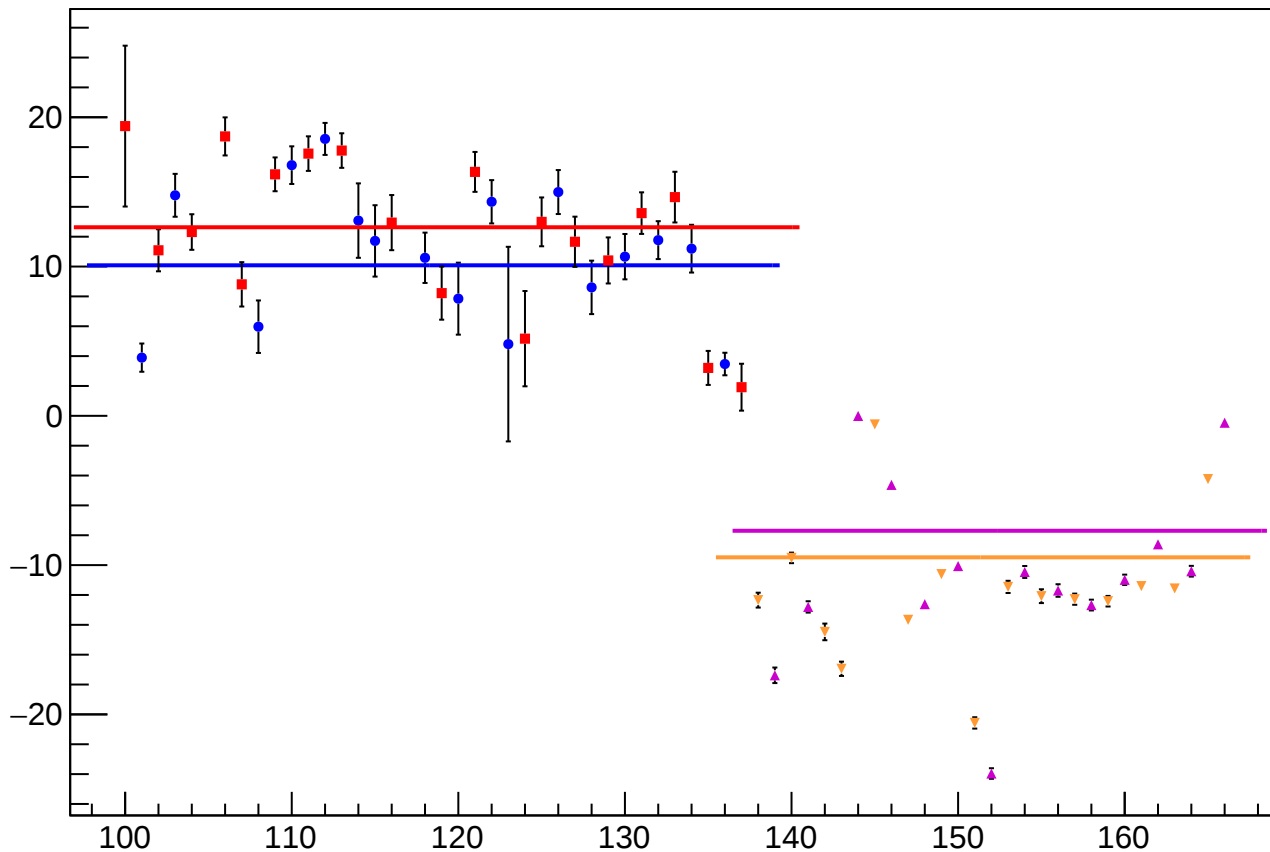
Left In: -7.051 ± 0.057 χ^2/NDF : 512.4/13

+ sign -7.245 ± 0.060 χ^2/NDF : 567.6/31

All: -7.184 ± 0.040 χ^2/NDF : 1328.3/64

- sign -7.132 ± 0.055 χ^2/NDF : 758.8/32

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.083 ± 0.338 χ^2/NDF : 252.7/16

Left Out: -9.479 ± 0.088 χ^2/NDF : 3929.2/14

Right Out: 12.632 ± 0.333 χ^2/NDF : 218.6/18

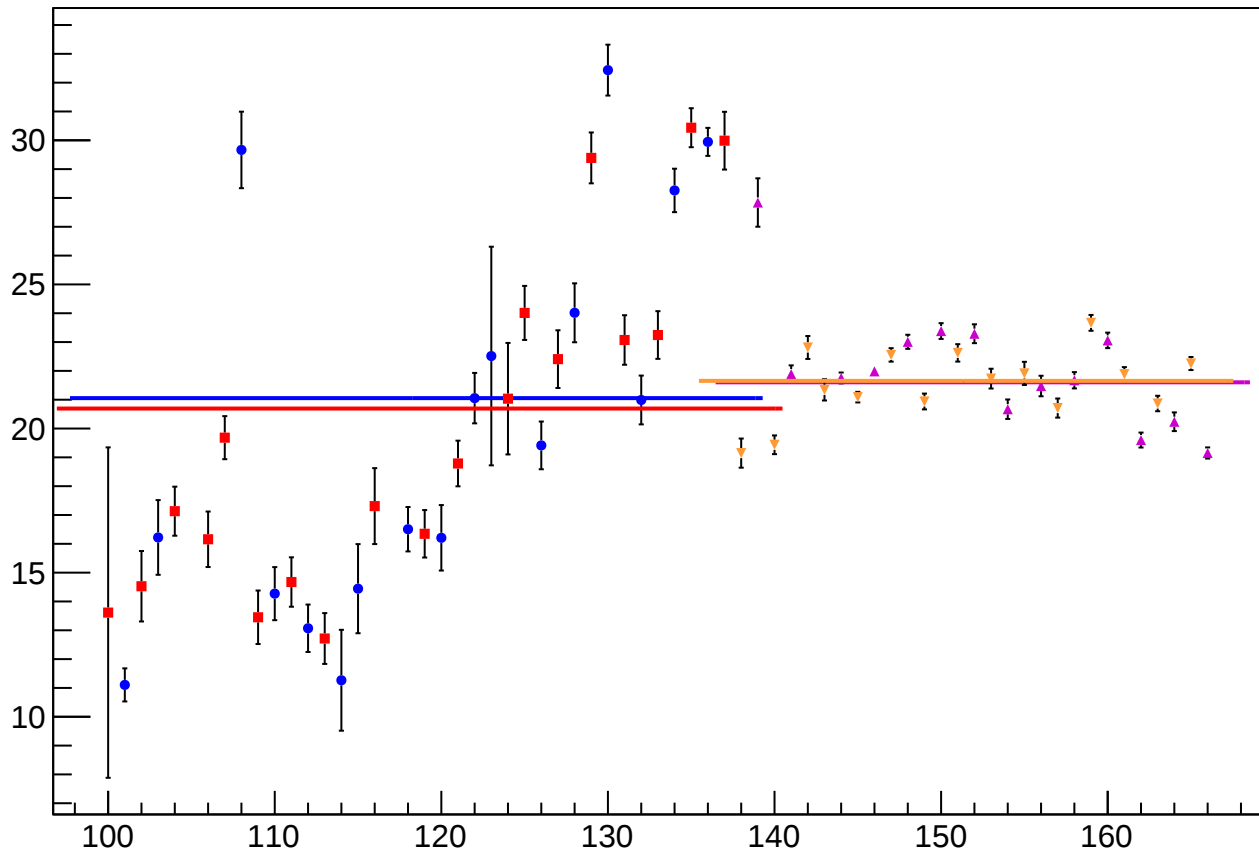
Left In: -7.699 ± 0.080 χ^2/NDF : 5970.6/13

+ sign -8.237 ± 0.085 χ^2/NDF : 7320.3/31

All: -7.337 ± 0.057 χ^2/NDF : 17244.8/64

- sign -6.584 ± 0.078 χ^2/NDF : 9719.5/32

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 21.055 $\pm$ 0.211 χ^2 /NDF: 1211.8/16

Left Out: 21.654 $\pm$ 0.073 χ^2 /NDF:200.7/14

Right Out: 20.694 $\pm$ 0.213 χ^2 /NDF: 724.1/18

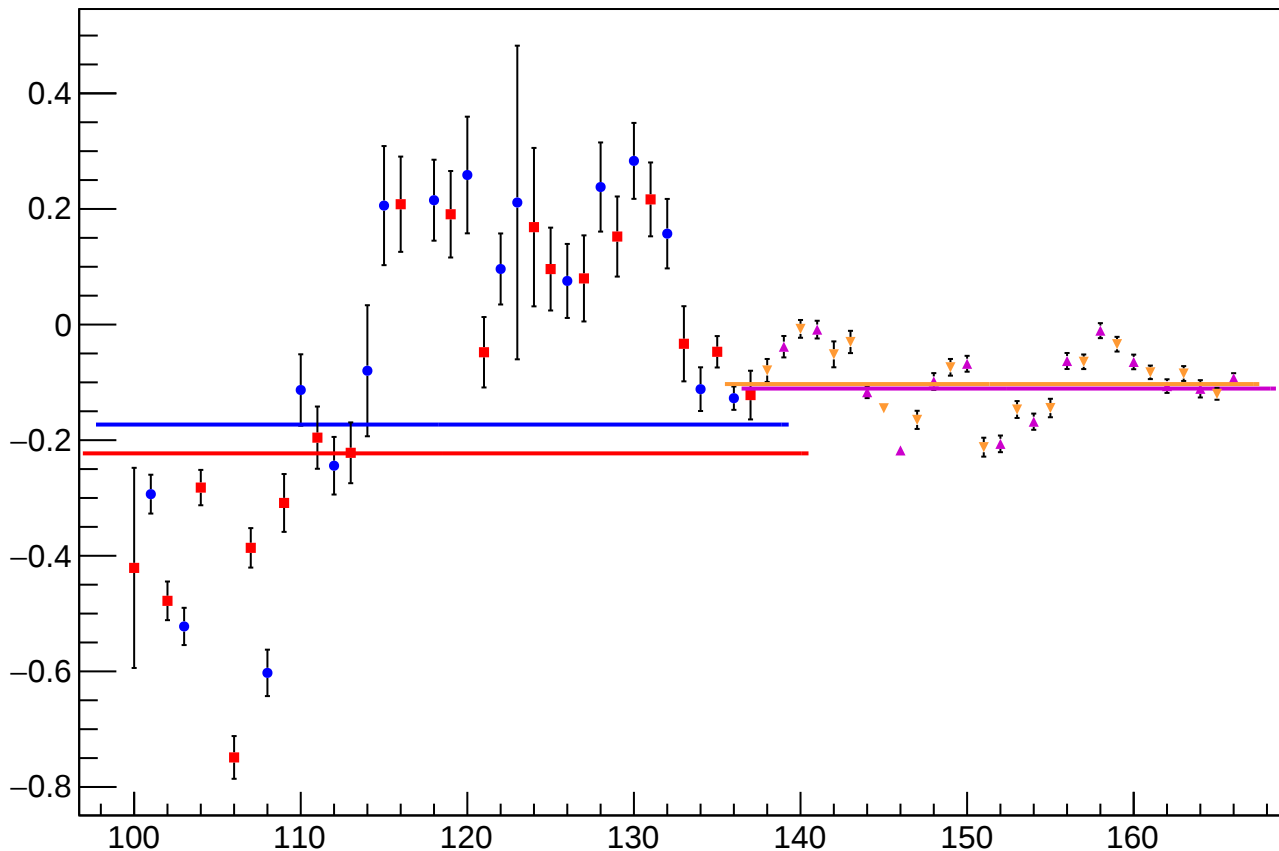
Left In: 21.603 $\pm$ 0.067 χ^2 /NDF:441.4/13

+ sign 21.589 $\pm$ 0.069 χ^2 /NDF: 1419.6/31

All: 21.552 $\pm$ 0.047 χ^2 /NDF: 2602.2/64

- sign 21.520 $\pm$ 0.064 χ^2 /NDF: 1182.1/32

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.173 ± 0.011 χ^2/NDF : 461.8/16

Left Out: -0.103 ± 0.003 χ^2/NDF : 212.4/14

Right Out: -0.223 ± 0.011 χ^2/NDF : 535.1/18

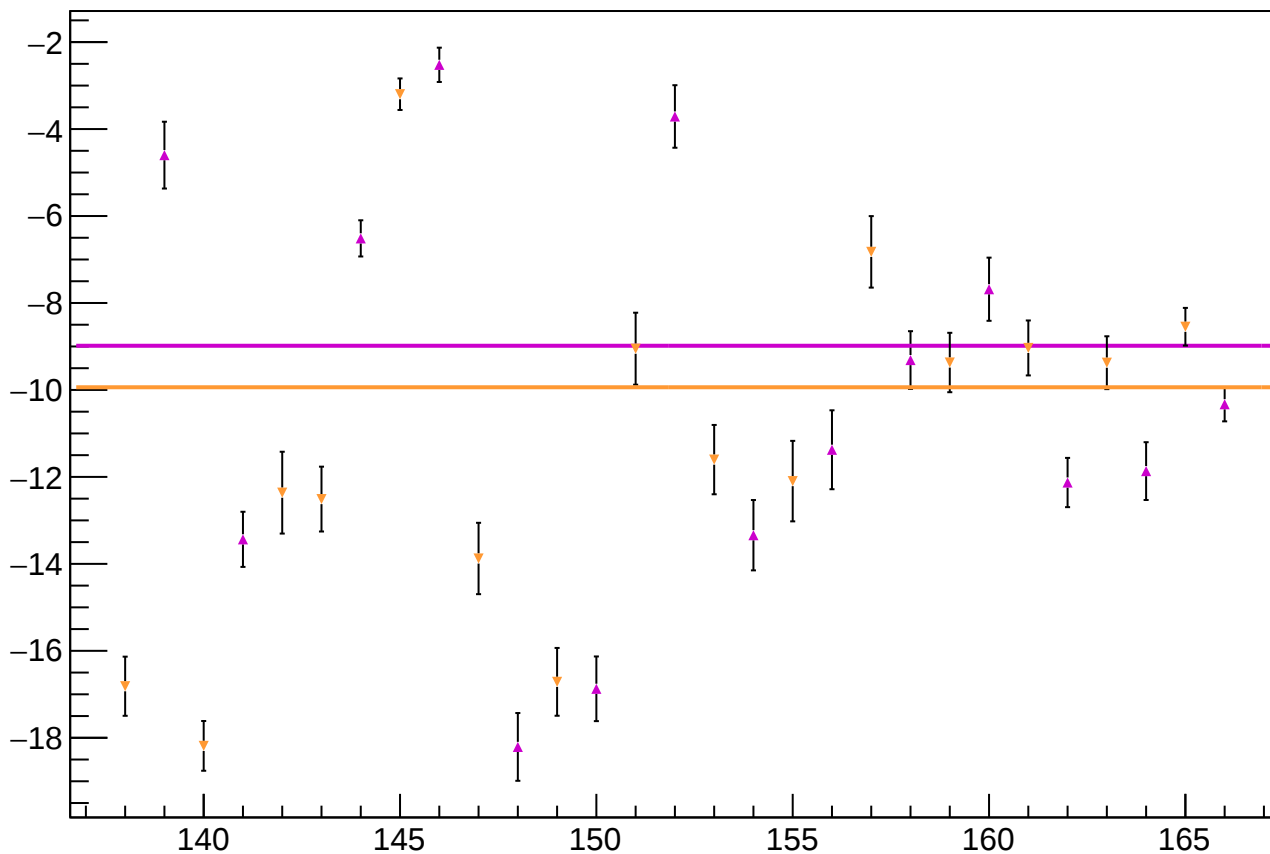
Left In: -0.111 ± 0.003 χ^2/NDF : 380.4/13

+ sign -0.109 ± 0.003 χ^2/NDF : 709.9/31

All: -0.115 ± 0.002 χ^2/NDF : 1727.2/64

- sign -0.120 ± 0.003 χ^2/NDF : 1011.5/32

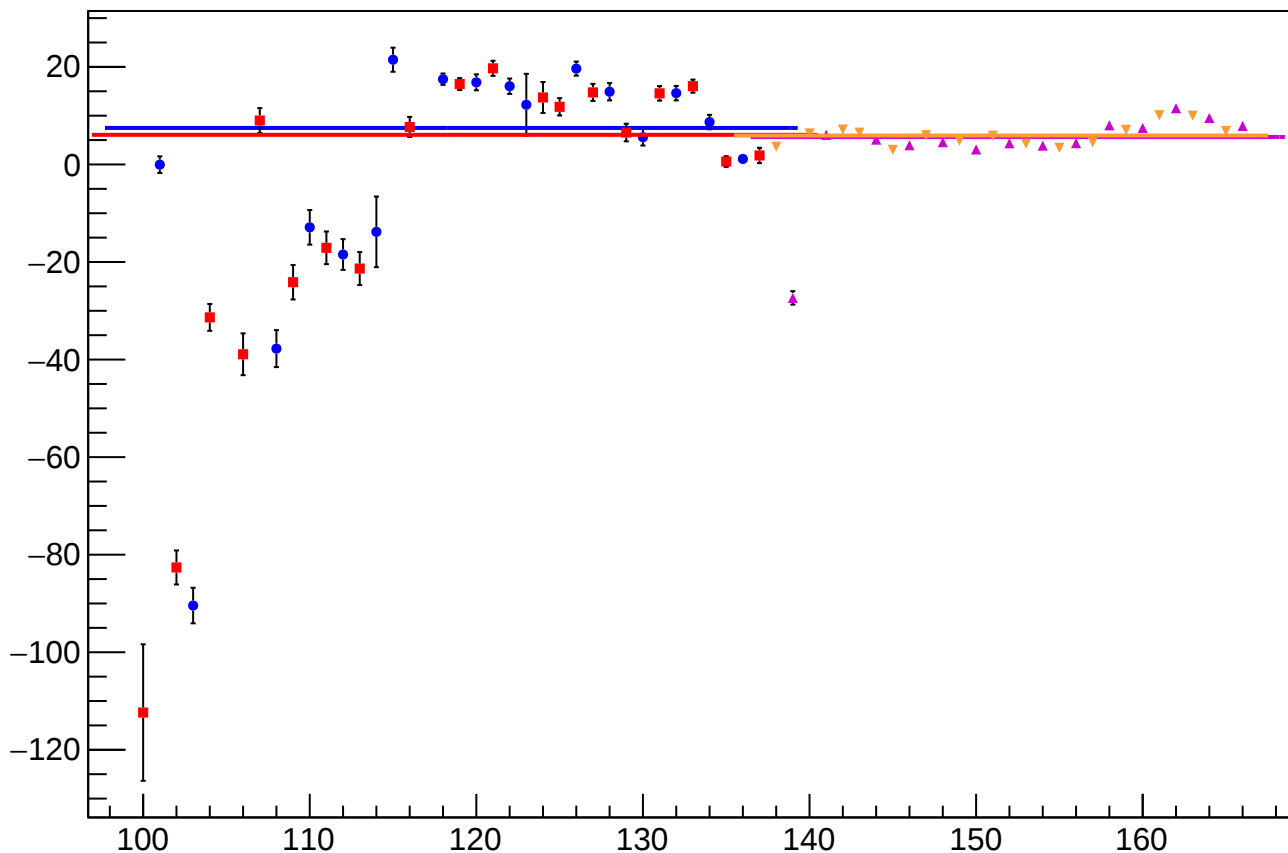
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.938+/-0.164 χ^2/NDF : 811.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.984+/-0.157 χ^2/NDF : 792.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.441+/-0.113 χ^2/NDF : 1621.9/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.488 ± 0.407 χ^2/NDF : 1340.5/16

Left Out: 5.936 ± 0.118 χ^2/NDF : 337.1/14

Right Out: 6.078 ± 0.434 χ^2/NDF : 1512.1/18

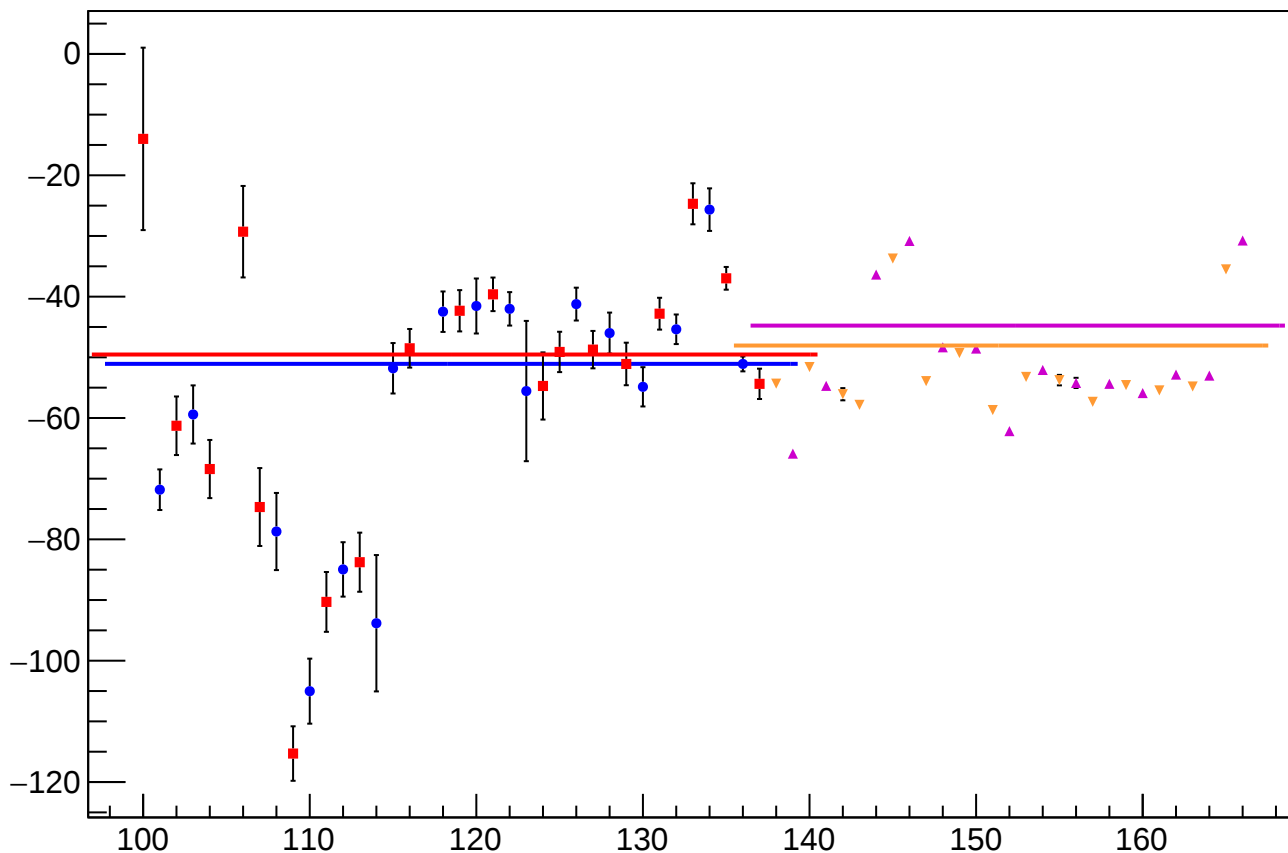
Left In: 5.639 ± 0.113 χ^2/NDF : 978.9/13

+ sign 6.057 ± 0.114 χ^2/NDF : 1691.1/31

All: 5.854 ± 0.079 χ^2/NDF : 4189.1/64

- sign 5.666 ± 0.109 χ^2/NDF : 2491.9/32

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.077 ± 0.741 χ^2/NDF : 330.2/16

Left Out: -48.057 ± 0.164 χ^2/NDF : 3411.5/14

Right Out: -49.537 ± 0.798 χ^2/NDF : 509.6/18

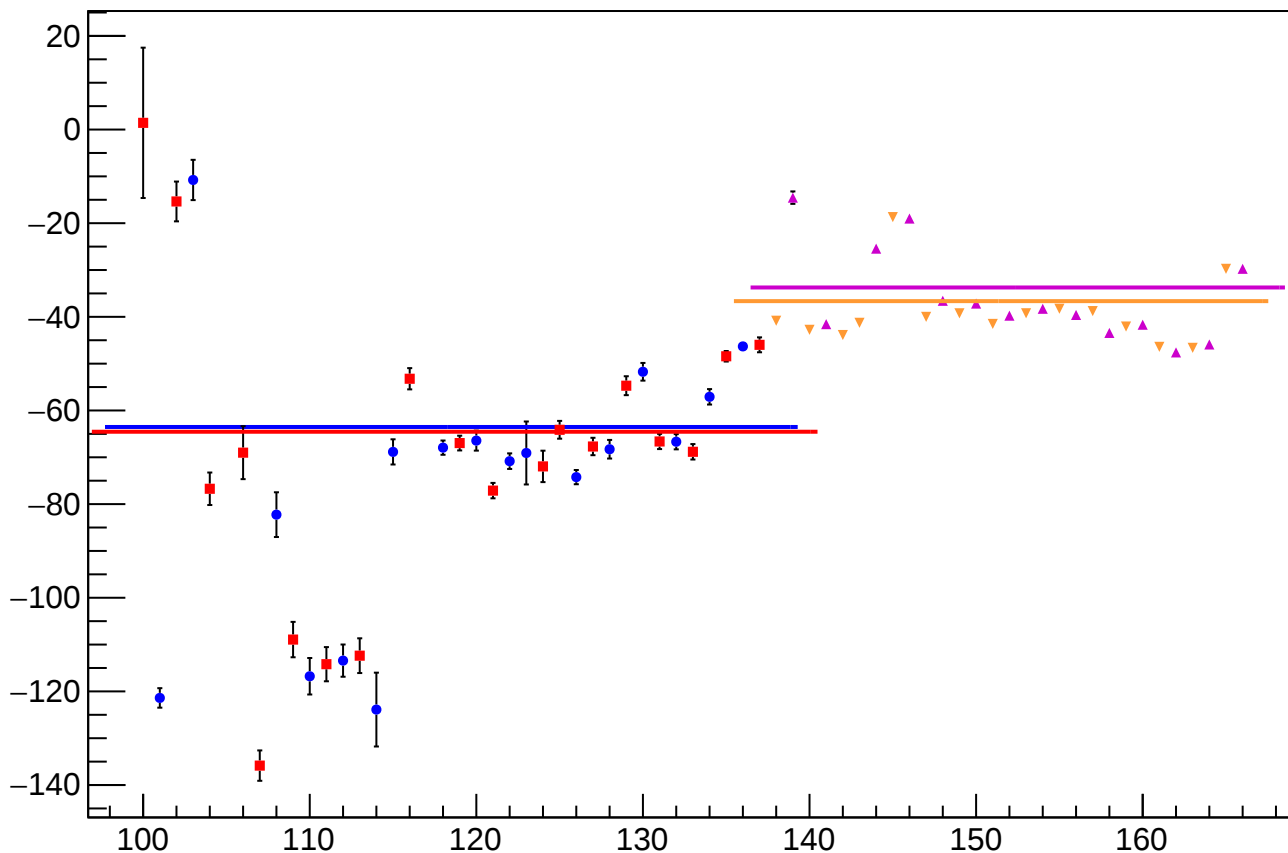
Left In: -44.772 ± 0.155 χ^2/NDF : 5605.2/13

+ sign -48.197 ± 0.160 χ^2/NDF : 3757.6/31

All: -46.491 ± 0.110 χ^2/NDF : 10124.3/64

- sign -44.945 ± 0.152 χ^2/NDF : 6149.1/32

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.525 ± 0.449 χ^2/NDF : 2010.9/16

Left Out: -36.647 ± 0.137 χ^2/NDF : 4636.8/14

Right Out: -64.540 ± 0.483 χ^2/NDF : 1603.1/18

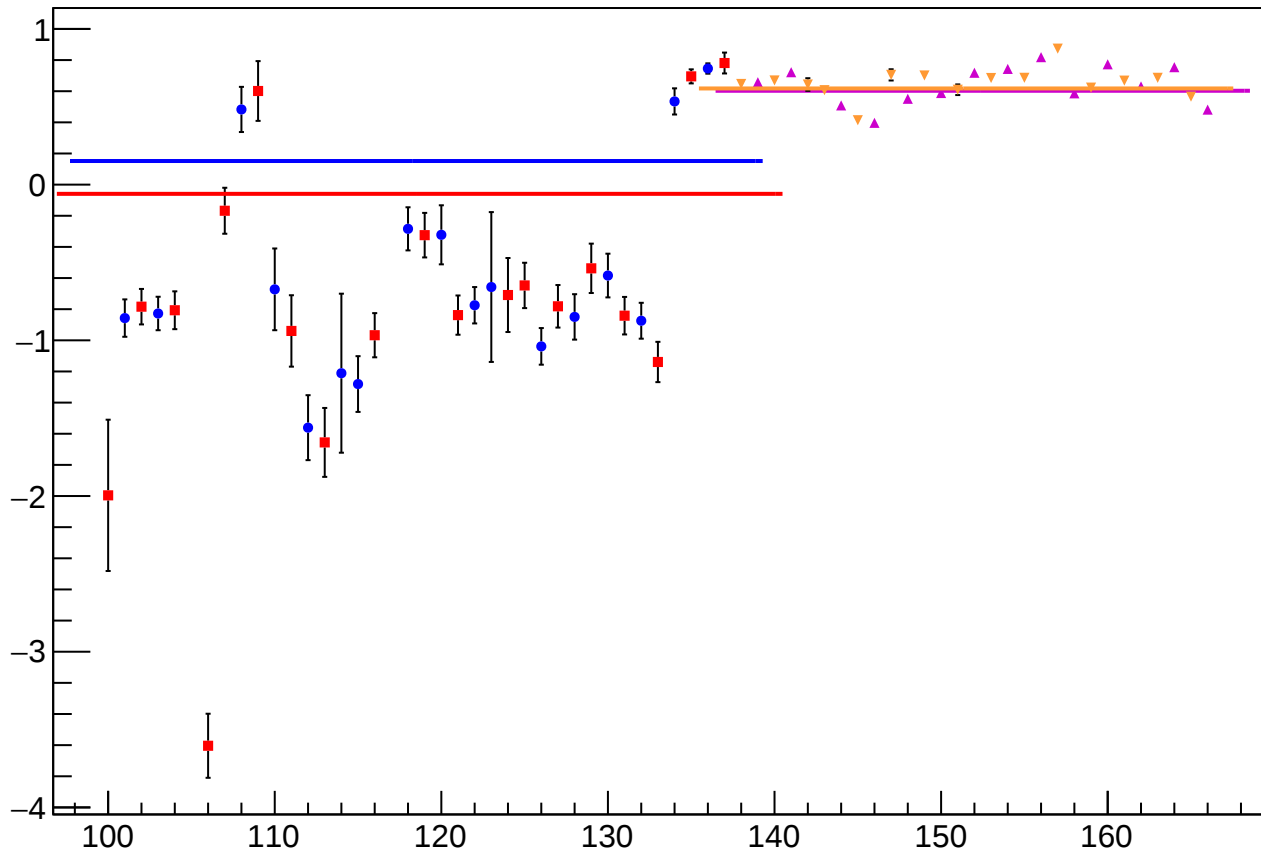
Left In: -33.731 ± 0.131 χ^2/NDF : 5487.3/13

+ sign -38.933 ± 0.131 χ^2/NDF : 9931.2/31

All: -37.343 ± 0.091 χ^2/NDF : 21097.0/64

- sign -35.852 ± 0.127 χ^2/NDF : 10879.6/32

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 ± 0.024 χ^2/NDF : 987.4/16

Left Out: 0.618 ± 0.006 χ^2/NDF : 333.3/14

Right Out: -0.059 ± 0.026 χ^2/NDF : 1161.9/18

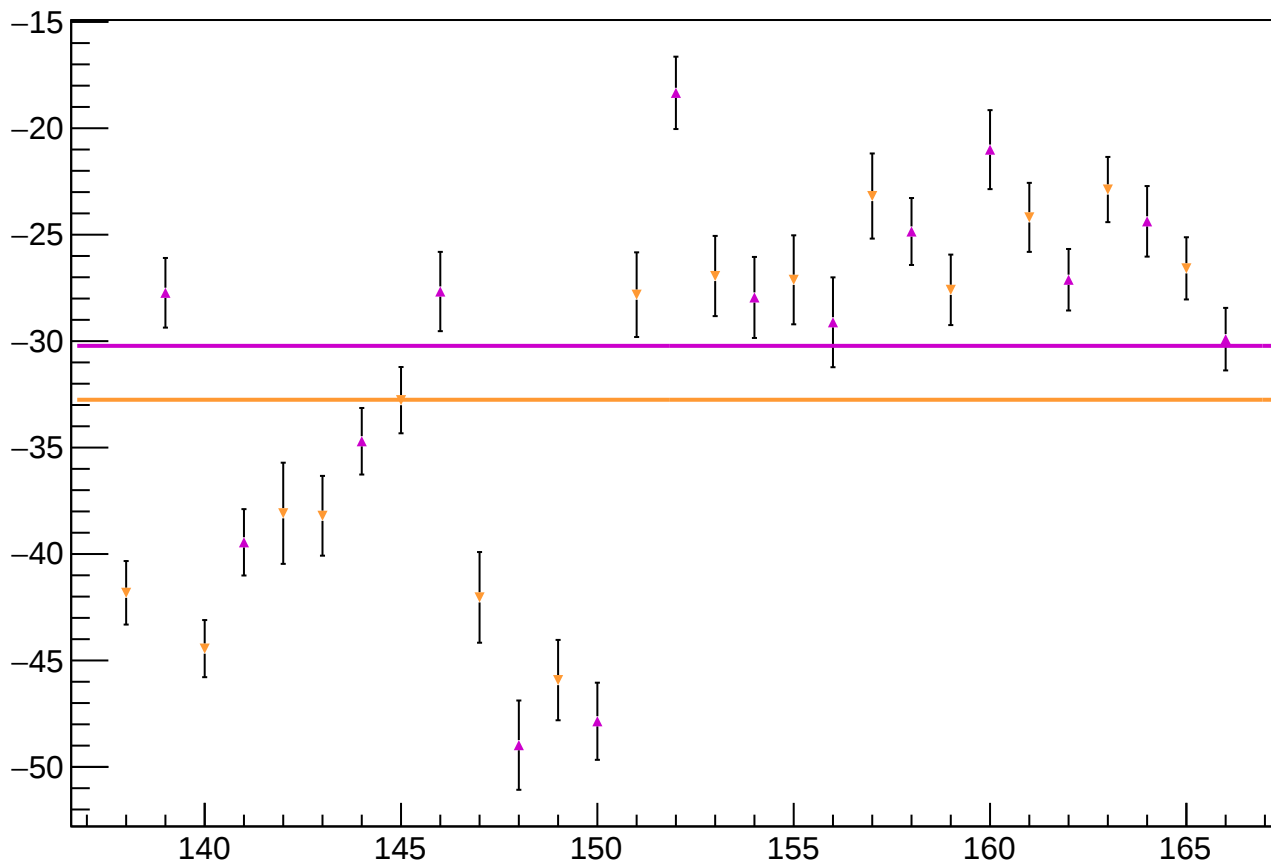
Left In: 0.603 ± 0.006 χ^2/NDF : 417.4/13

+ sign 0.587 ± 0.006 χ^2/NDF : 1671.5/31

All: 0.577 ± 0.004 χ^2/NDF : 3855.4/64

- sign 0.567 ± 0.006 χ^2/NDF : 2178.7/32

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.754+/-0.446 χ^2/NDF : 336.9/14

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

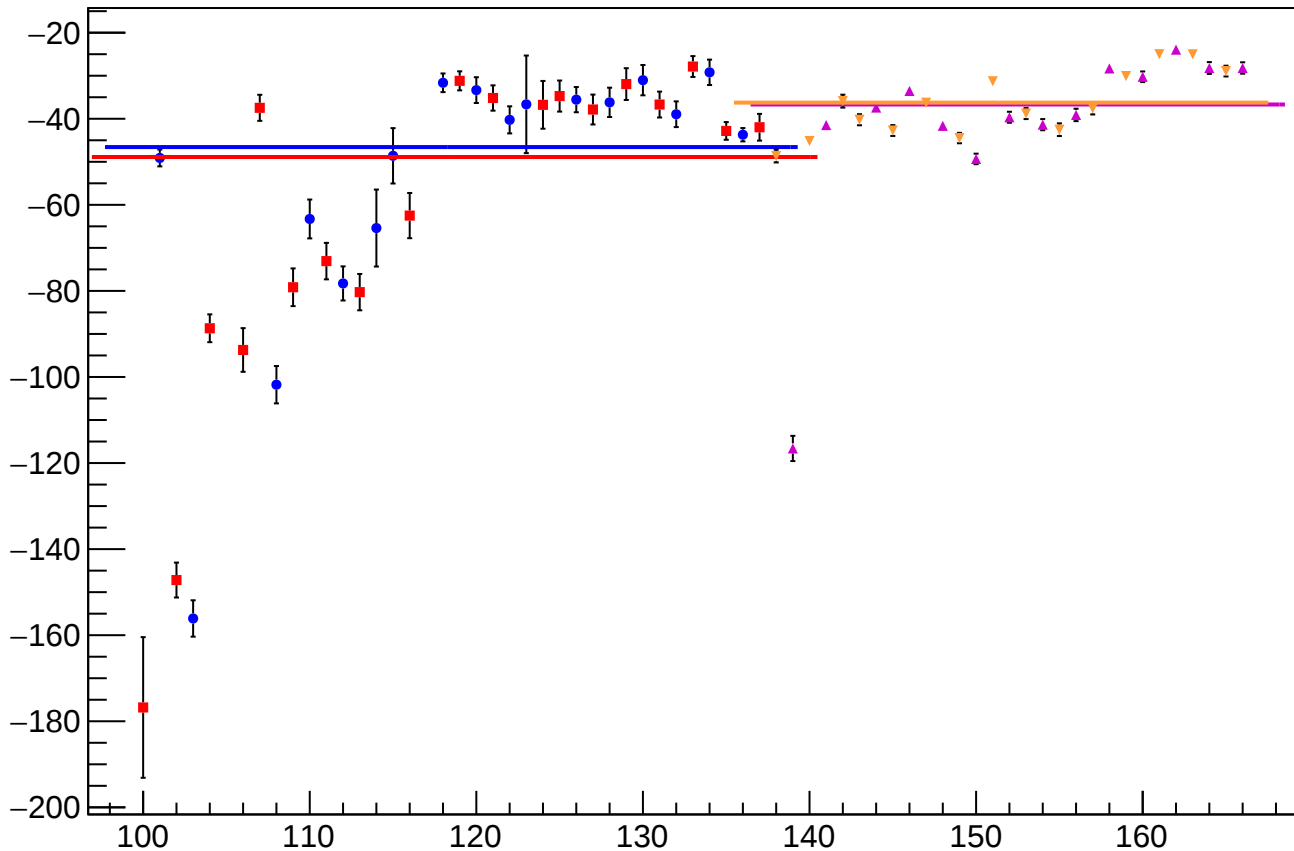
Left In: -30.222+/-0.453 χ^2/NDF : 326.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.510+/-0.318 χ^2/NDF : 679.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.579 ± 0.730 χ^2/NDF : 1076.4/16

Left Out: -36.246 ± 0.319 χ^2/NDF : 513.5/14

Right Out: -48.888 ± 0.763 χ^2/NDF : 1277.5/18

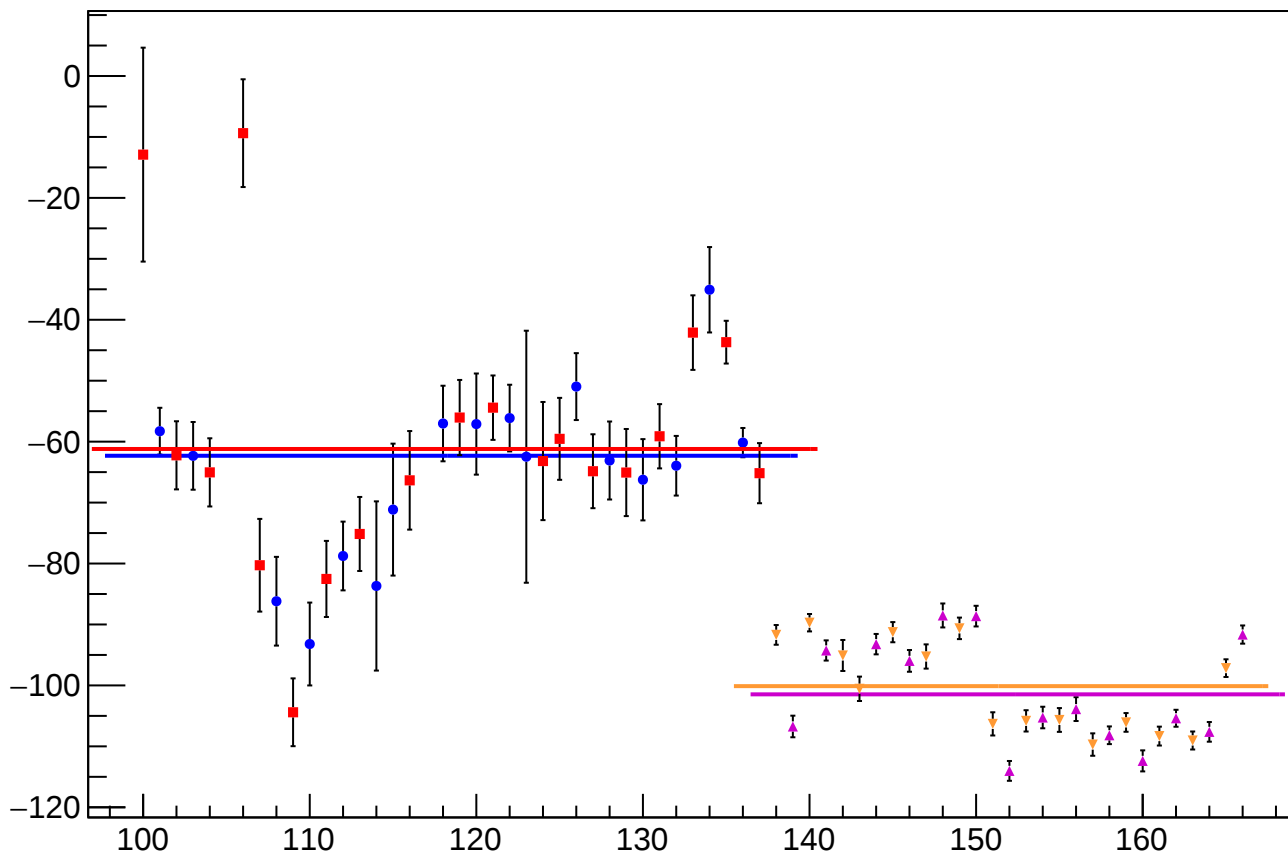
Left In: -36.688 ± 0.330 χ^2/NDF : 1209.5/13

+ sign -37.905 ± 0.292 χ^2/NDF : 1758.2/31

All: -38.246 ± 0.210 χ^2/NDF : 4463.2/64

- sign -38.612 ± 0.303 χ^2/NDF : 2702.1/32

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.315 ± 1.316 χ^2/NDF : 67.1/16

Left Out: -100.119 ± 0.441 χ^2/NDF : 287.6/14

Right Out: -61.203 ± 1.381 χ^2/NDF : 165.0/18

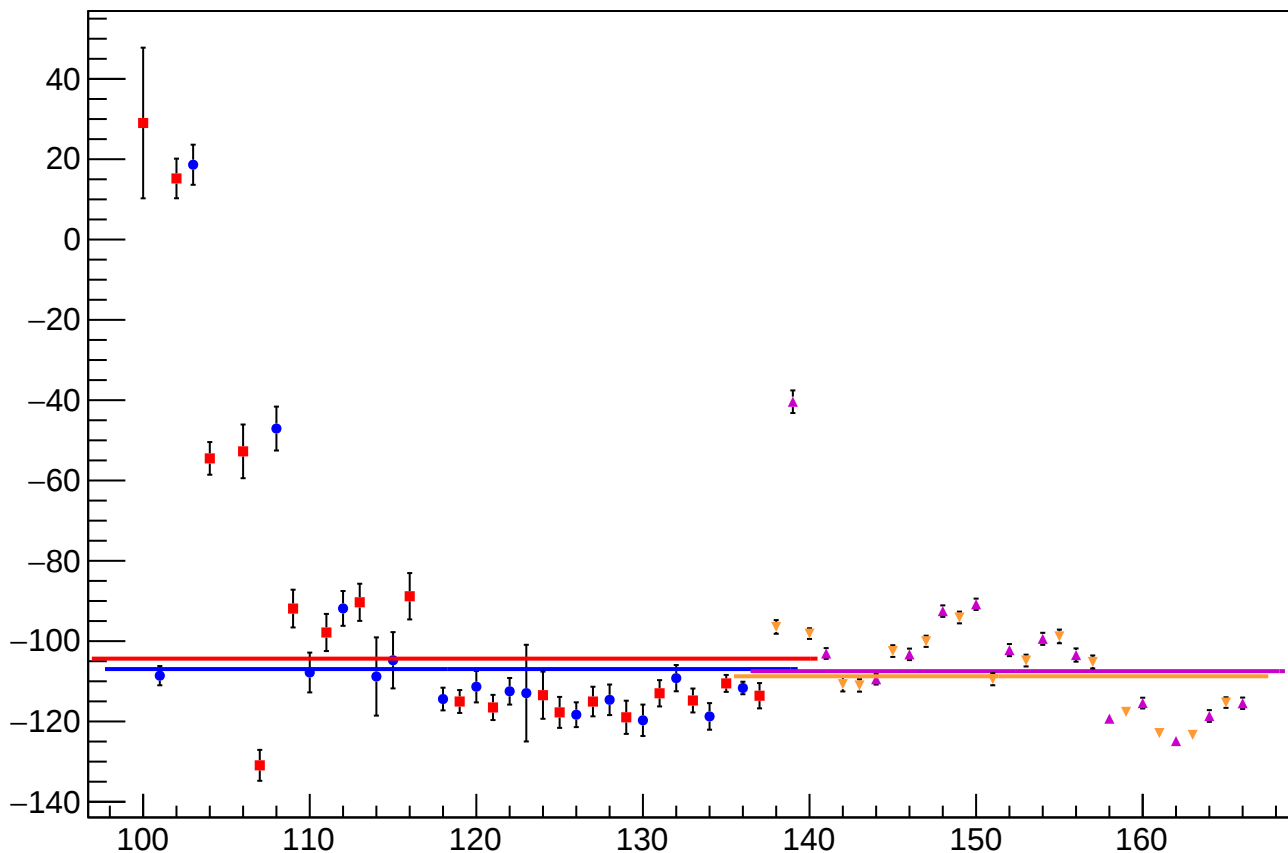
Left In: -101.466 ± 0.444 χ^2/NDF : 355.1/13

+ sign -96.306 ± 0.418 χ^2/NDF : 1097.2/31

All: -96.995 ± 0.297 χ^2/NDF : 2393.3/64

- sign -97.699 ± 0.422 χ^2/NDF : 1290.6/32

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -106.954 ± 0.817 χ^2/NDF : 827.2/16

Left Out: -108.753 ± 0.369 χ^2/NDF : 681.3/14

Right Out: -104.356 ± 0.861 χ^2/NDF : 1021.0/18

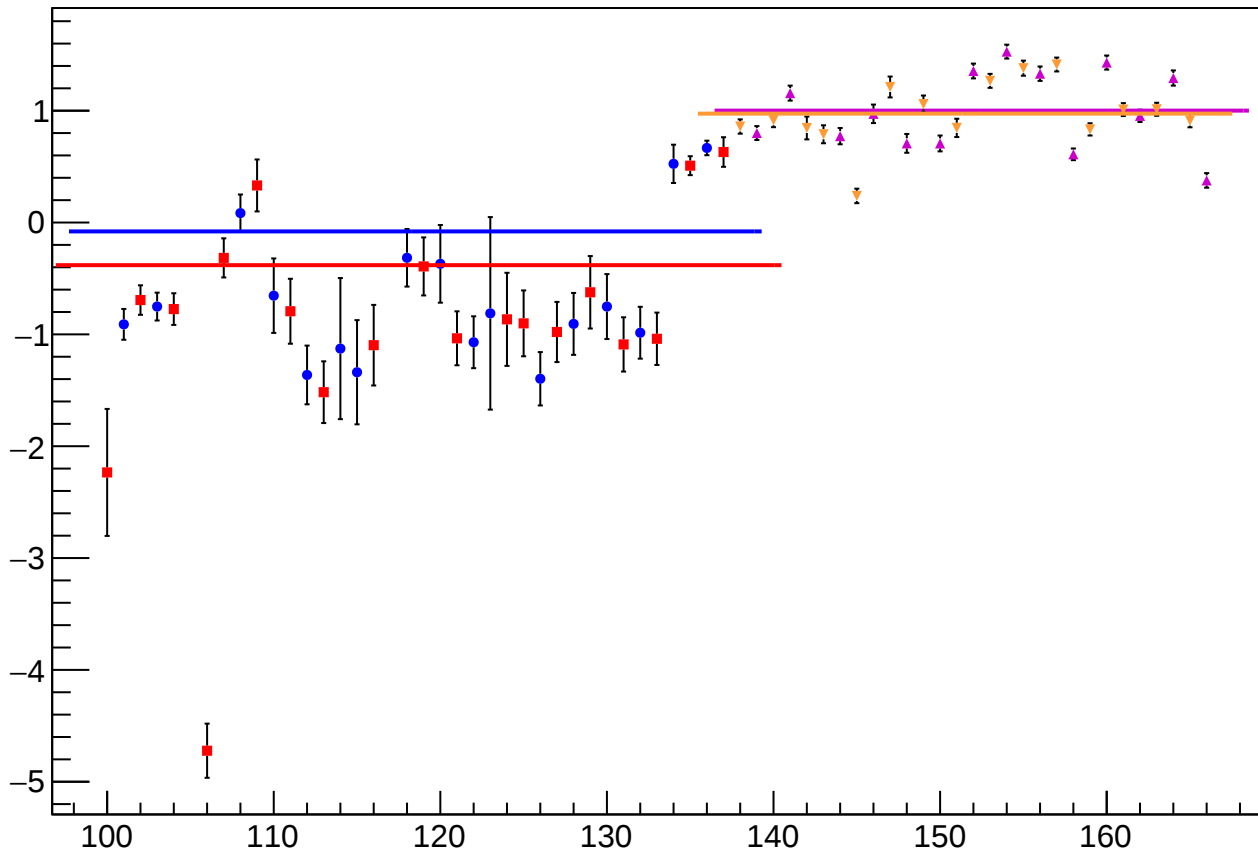
Left In: -107.472 ± 0.379 χ^2/NDF : 1323.4/13

+ sign -108.448 ± 0.337 χ^2/NDF : 1512.6/31

All: -107.730 ± 0.242 χ^2/NDF : 3877.4/64

- sign -106.967 ± 0.347 χ^2/NDF : 2355.4/32

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.079 ± 0.042 χ^2/NDF : 328.5/16

Left Out: 0.974 ± 0.017 χ^2/NDF : 266.6/14

Right Out: -0.381 ± 0.044 χ^2/NDF : 580.5/18

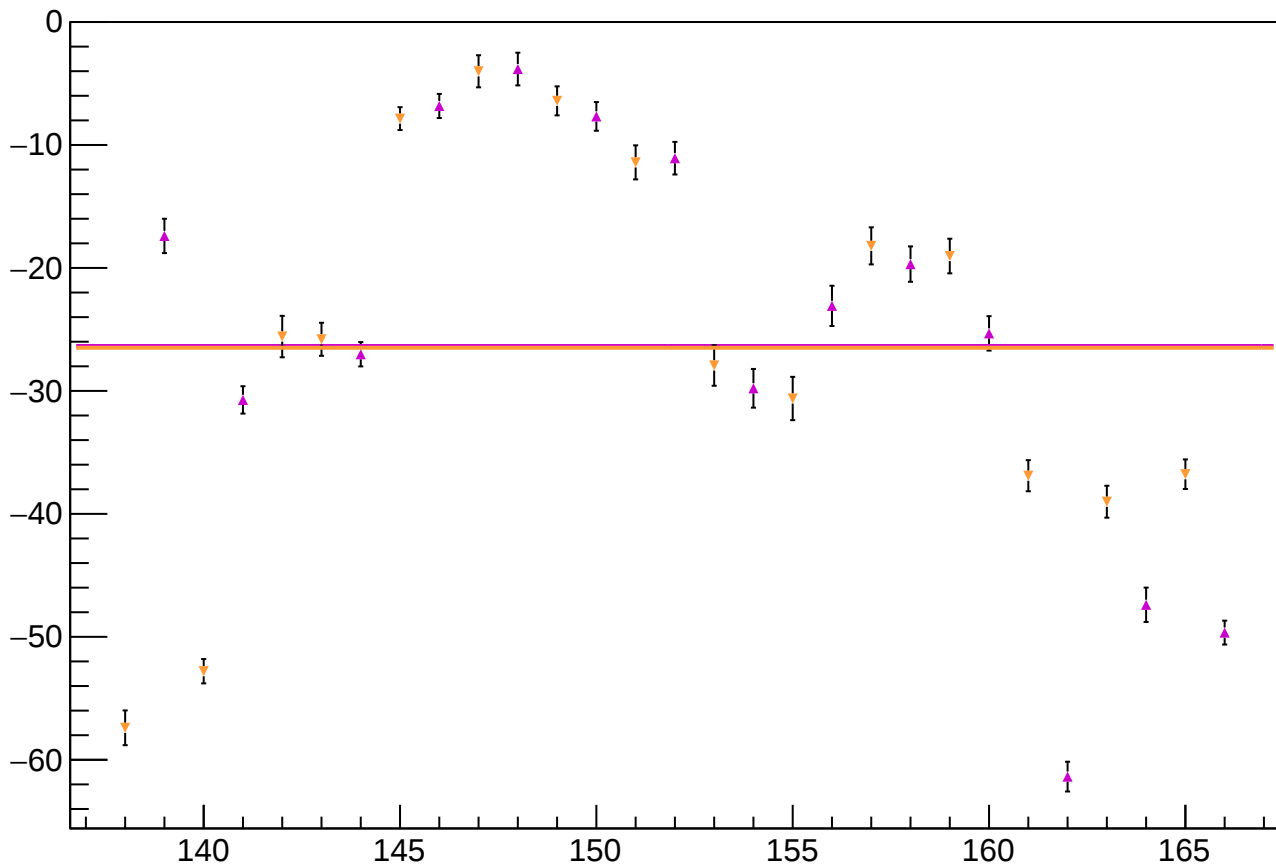
Left In: 1.001 ± 0.017 χ^2/NDF : 395.3/13

+ sign 0.823 ± 0.016 χ^2/NDF : 1127.2/31

All: 0.818 ± 0.011 χ^2/NDF : 2955.2/64

- sign 0.813 ± 0.016 χ^2/NDF : 1827.7/32

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -26.490+/-0.334 χ^2/NDF : 2588.6/14

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

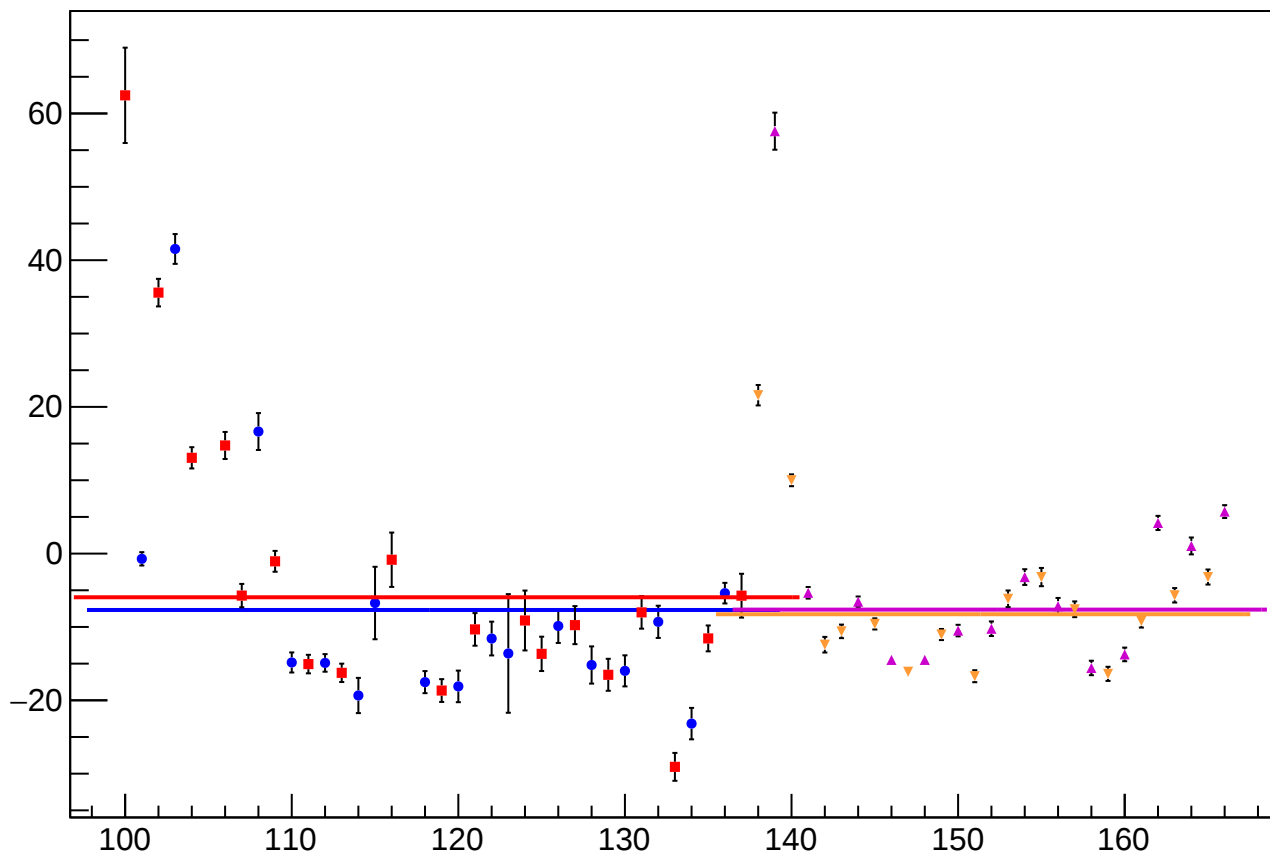
Left In: -26.350+/-0.328 χ^2/NDF : 2800.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.419+/-0.234 χ^2/NDF : 5389.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.686 ± 0.430 χ^2/NDF : 975.9/16

Left Out: -8.266 ± 0.234 χ^2/NDF : 1396.4/14

Right Out: -5.953 ± 0.429 χ^2/NDF : 1298.1/18

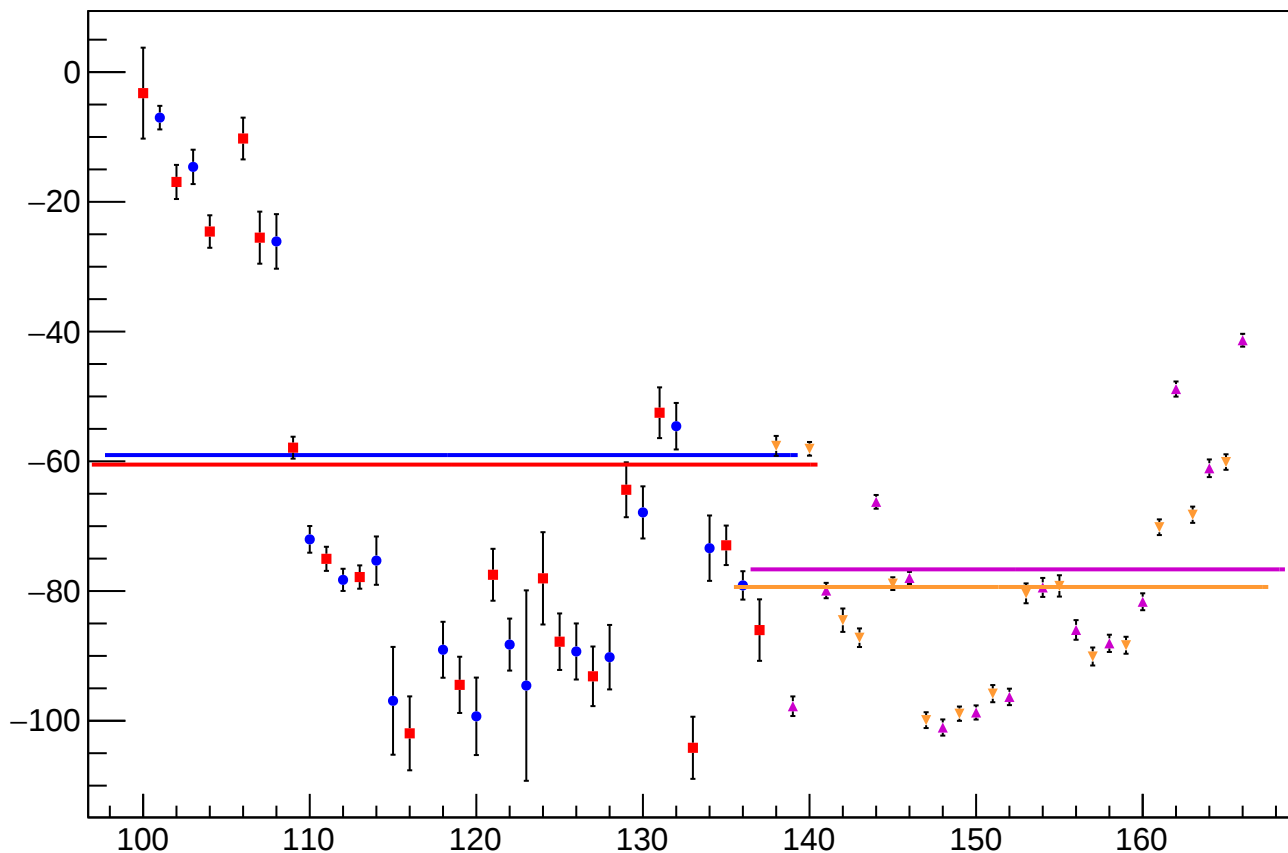
Left In: -7.636 ± 0.233 χ^2/NDF : 1495.6/13

+ sign -8.133 ± 0.206 χ^2/NDF : 2373.8/31

All: -7.691 ± 0.145 χ^2/NDF : 5188.5/64

- sign -7.252 ± 0.205 χ^2/NDF : 2805.6/32

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.039 ± 0.746 χ^2/NDF : 1709.5/16

Left Out: -79.374 ± 0.331 χ^2/NDF : 1902.7/14

Right Out: -60.507 ± 0.704 χ^2/NDF : 1384.8/18

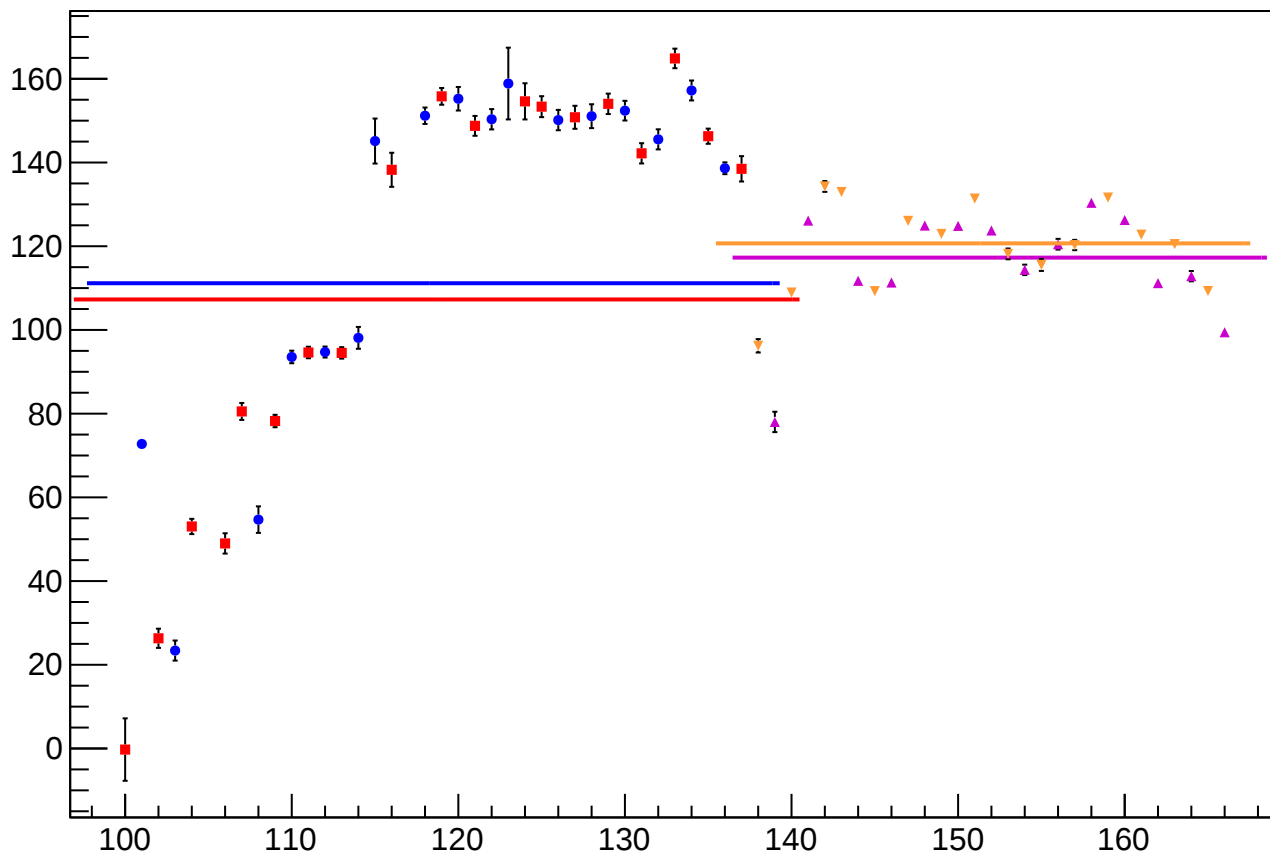
Left In: -76.659 ± 0.322 χ^2/NDF : 3438.5/13

+ sign -76.031 ± 0.302 χ^2/NDF : 4233.7/31

All: -74.914 ± 0.210 χ^2/NDF : 9518.3/64

- sign -73.864 ± 0.293 χ^2/NDF : 5258.1/32

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.160 $\pm$ 0.489 χ^2 /NDF: 5877.6/16

Left Out: 120.685 $\pm$ 0.275 χ^2 /NDF: 1179.1/14

Right Out: 107.283 $\pm$ 0.488 χ^2 /NDF: 7055.1/18

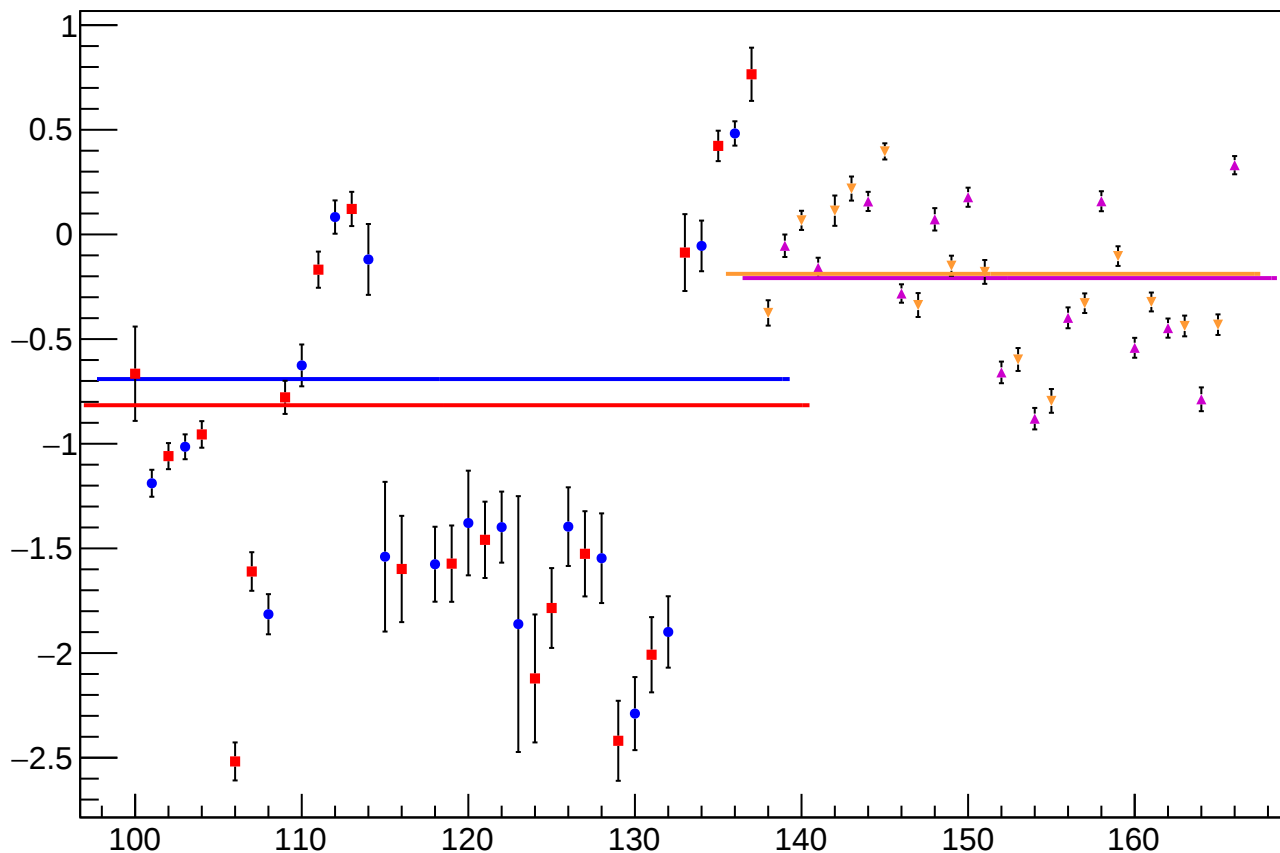
Left In: 117.282 $\pm$ 0.273 χ^2 /NDF: 1278.9/13

+ sign 118.398 $\pm$ 0.240 χ^2 /NDF: 7345.0/31

All: 116.638 $\pm$ 0.169 χ^2 /NDF: 16106.5/64

- sign 114.902 $\pm$ 0.238 χ^2 /NDF: 8654.3/32

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.691 ± 0.026 χ^2/NDF : 990.9/16

Left Out: -0.188 ± 0.013 χ^2/NDF : 586.1/14

Right Out: -0.816 ± 0.024 χ^2/NDF : 1304.4/18

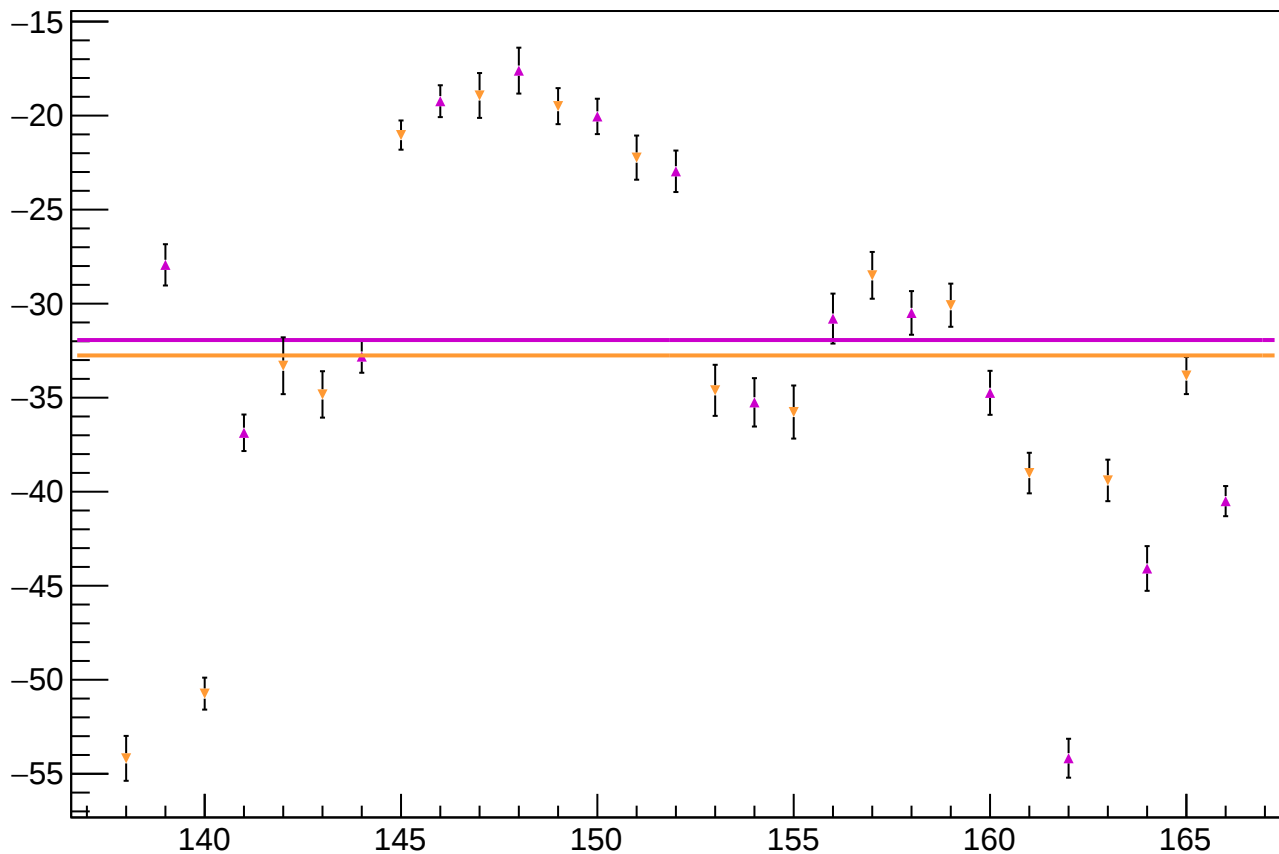
Left In: -0.209 ± 0.013 χ^2/NDF : 830.0/13

+ sign -0.291 ± 0.012 χ^2/NDF : 1878.5/31

All: -0.317 ± 0.008 χ^2/NDF : 4507.2/64

- sign -0.342 ± 0.011 χ^2/NDF : 2618.9/32

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.754+/-0.283 χ^2/NDF :1501.2/14

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

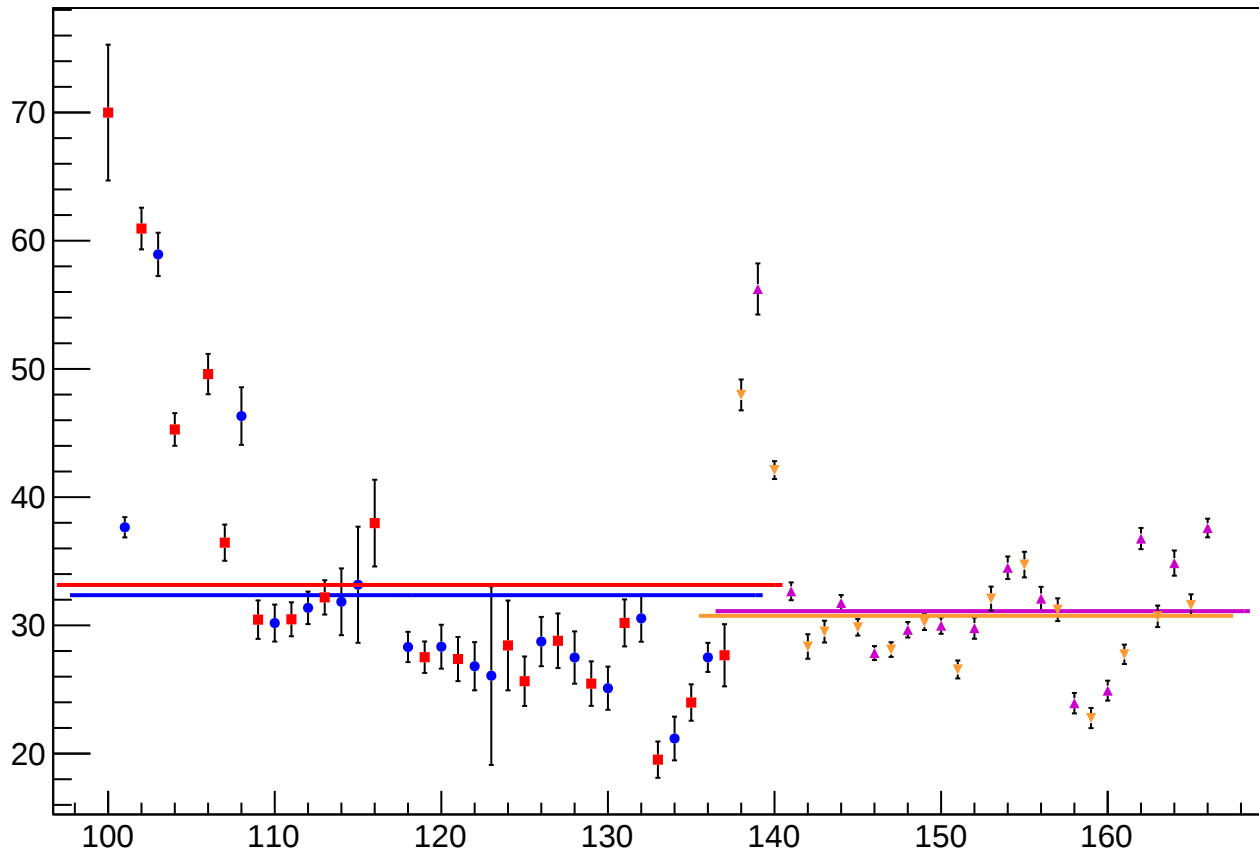
Left In: -31.935+/-0.276 χ^2/NDF :1323.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.335+/-0.198 χ^2/NDF : 2829.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.355 ± 0.375 $\chi^2/\text{NDF}: 450.5/16$

Left Out: 30.746 ± 0.200 $\chi^2/\text{NDF}: 676.0/14$

Right Out: 33.152 ± 0.379 $\chi^2/\text{NDF}: 772.0/18$

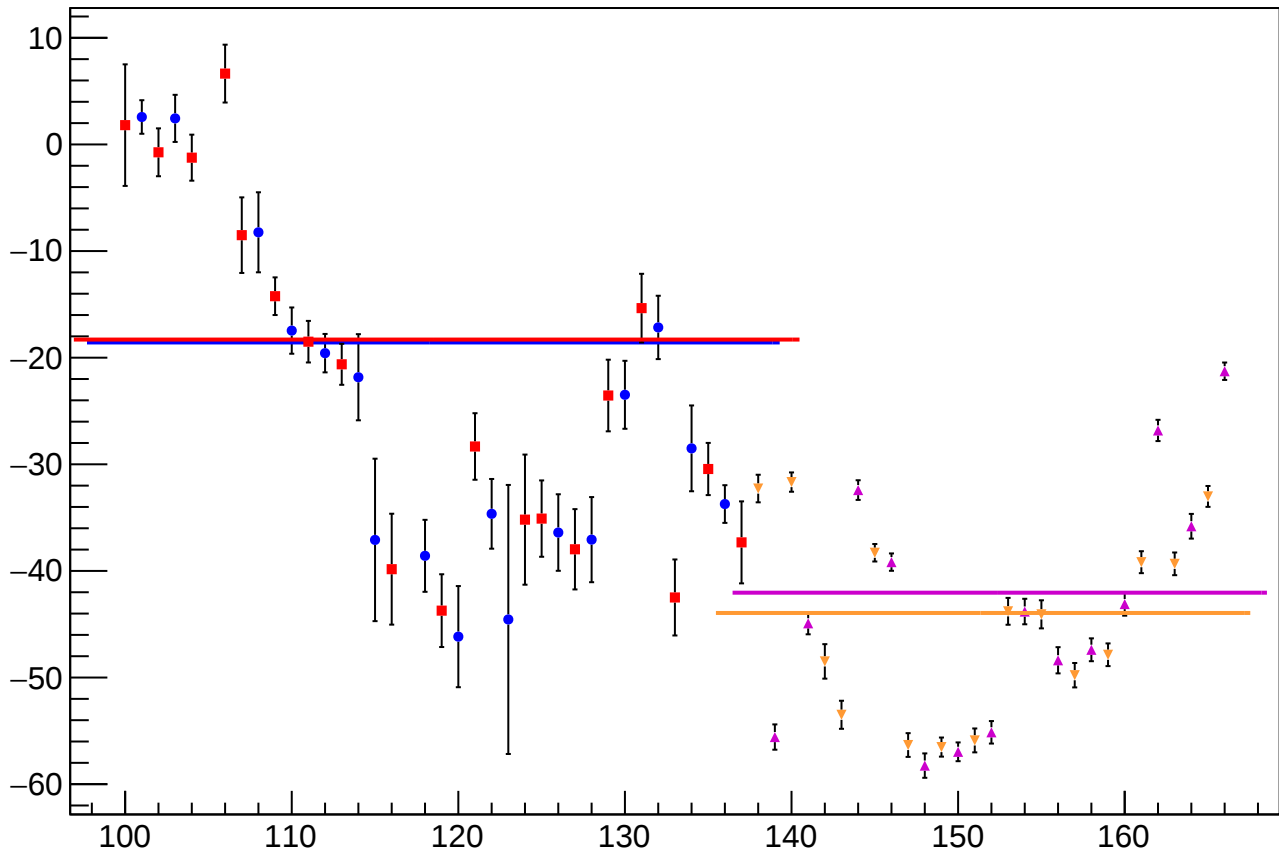
Left In: 31.110 ± 0.200 $\chi^2/\text{NDF}: 513.6/13$

+ sign 31.102 ± 0.177 $\chi^2/\text{NDF}: 1140.8/31$

All: 31.328 ± 0.125 $\chi^2/\text{NDF}: 2452.4/64$

- sign 31.554 ± 0.177 $\chi^2/\text{NDF}: 1308.3/32$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.572 ± 0.667 χ^2/NDF : 511.5/16

Left Out: -43.943 ± 0.279 χ^2/NDF : 1012.0/14

Right Out: -18.300 ± 0.644 χ^2/NDF : 473.4/18

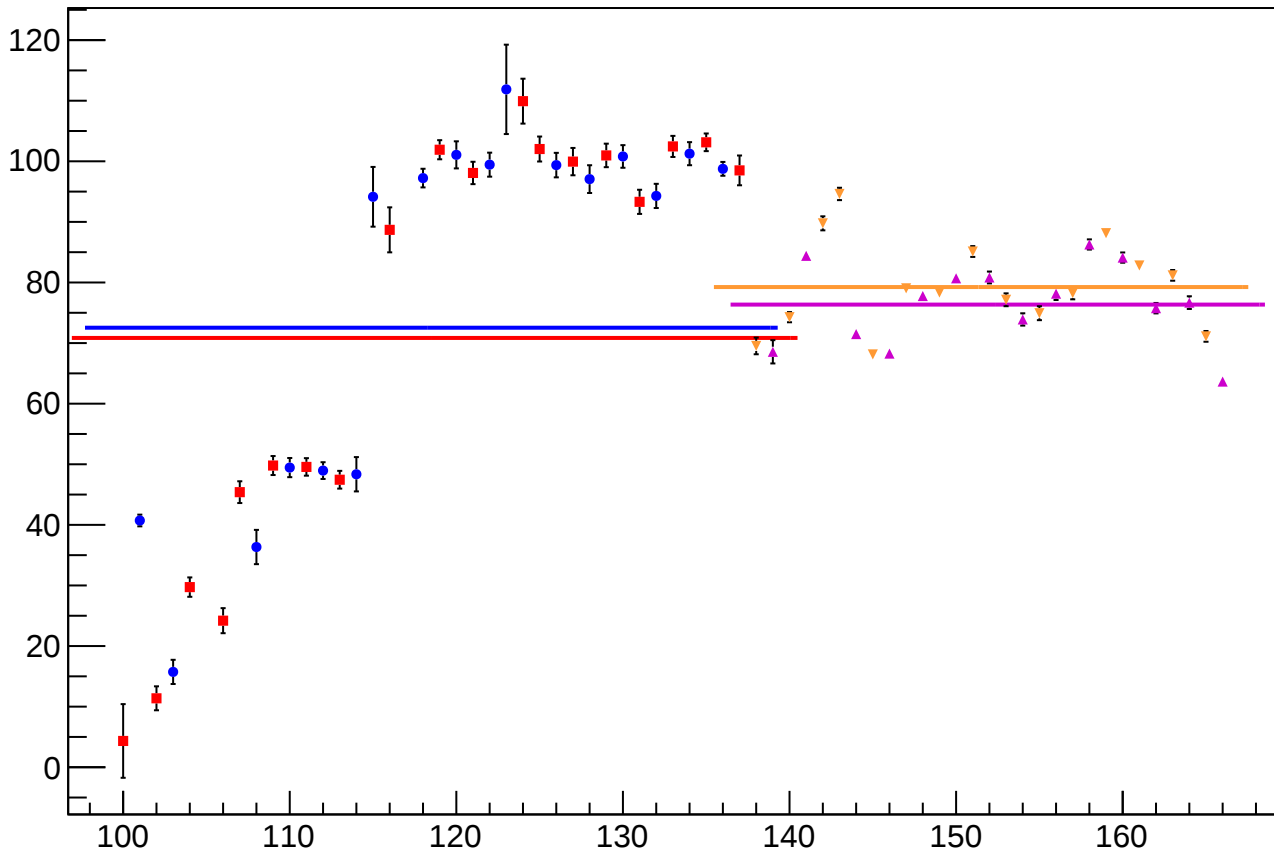
Left In: -42.041 ± 0.271 χ^2/NDF : 1865.5/13

+ sign -40.166 ± 0.258 χ^2/NDF : 2753.2/31

All: -39.291 ± 0.179 χ^2/NDF : 6269.5/64

- sign -38.467 ± 0.250 χ^2/NDF : 3493.9/32

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.537 ± 0.428 $\chi^2/\text{NDF}: 4684.1/16$

Left Out: 79.246 ± 0.234 $\chi^2/\text{NDF}: 907.3/14$

Right Out: 70.849 ± 0.433 $\chi^2/\text{NDF}: 5500.2/18$

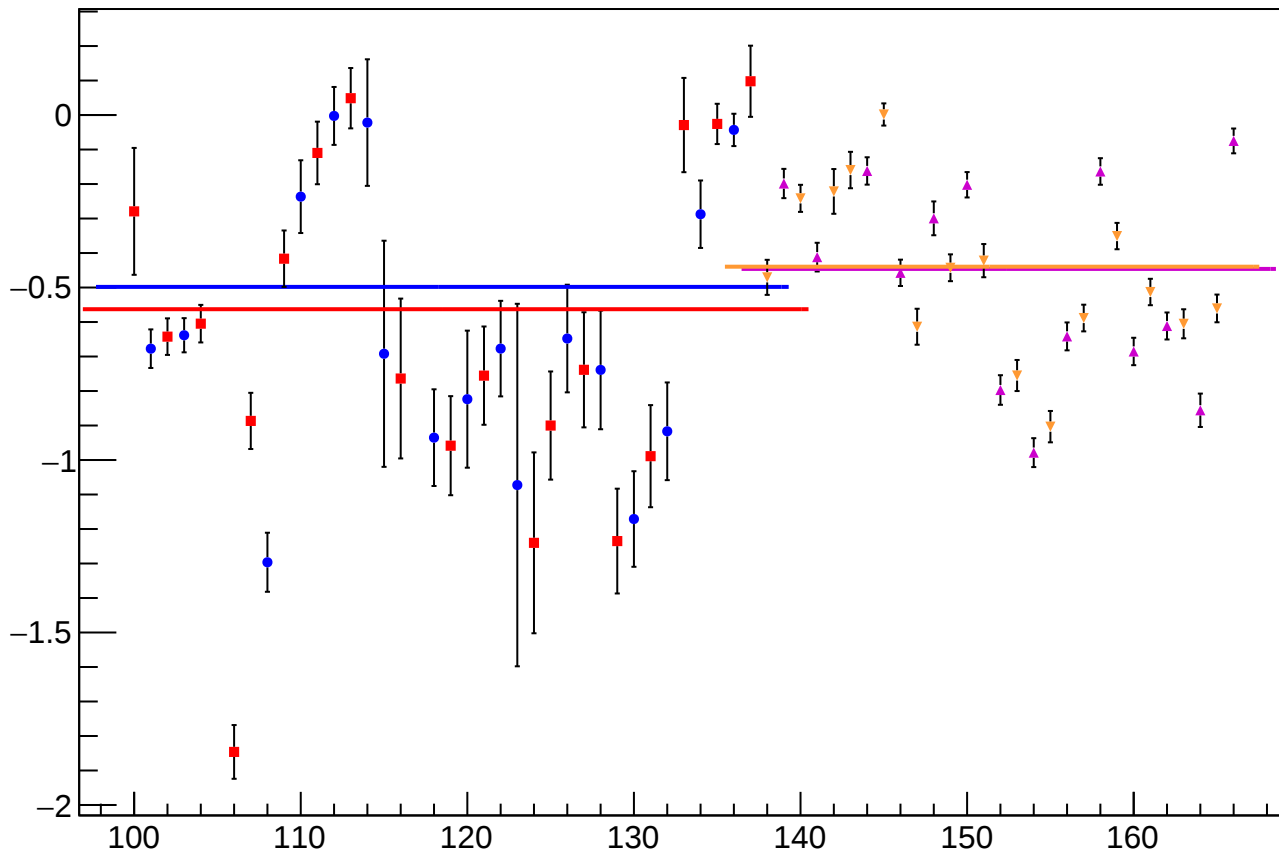
Left In: 76.352 ± 0.231 $\chi^2/\text{NDF}: 855.5/13$

+ sign 77.708 ± 0.205 $\chi^2/\text{NDF}: 5780.6/31$

All: 76.413 ± 0.145 $\chi^2/\text{NDF}: 12341.2/64$

- sign 75.132 ± 0.204 $\chi^2/\text{NDF}: 6481.3/32$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498±/0.022 χ^2/NDF : 302.8/16

Left Out: -0.440±/0.011 χ^2/NDF : 466.2/14

Right Out: -0.563±/0.021 χ^2/NDF : 560.8/18

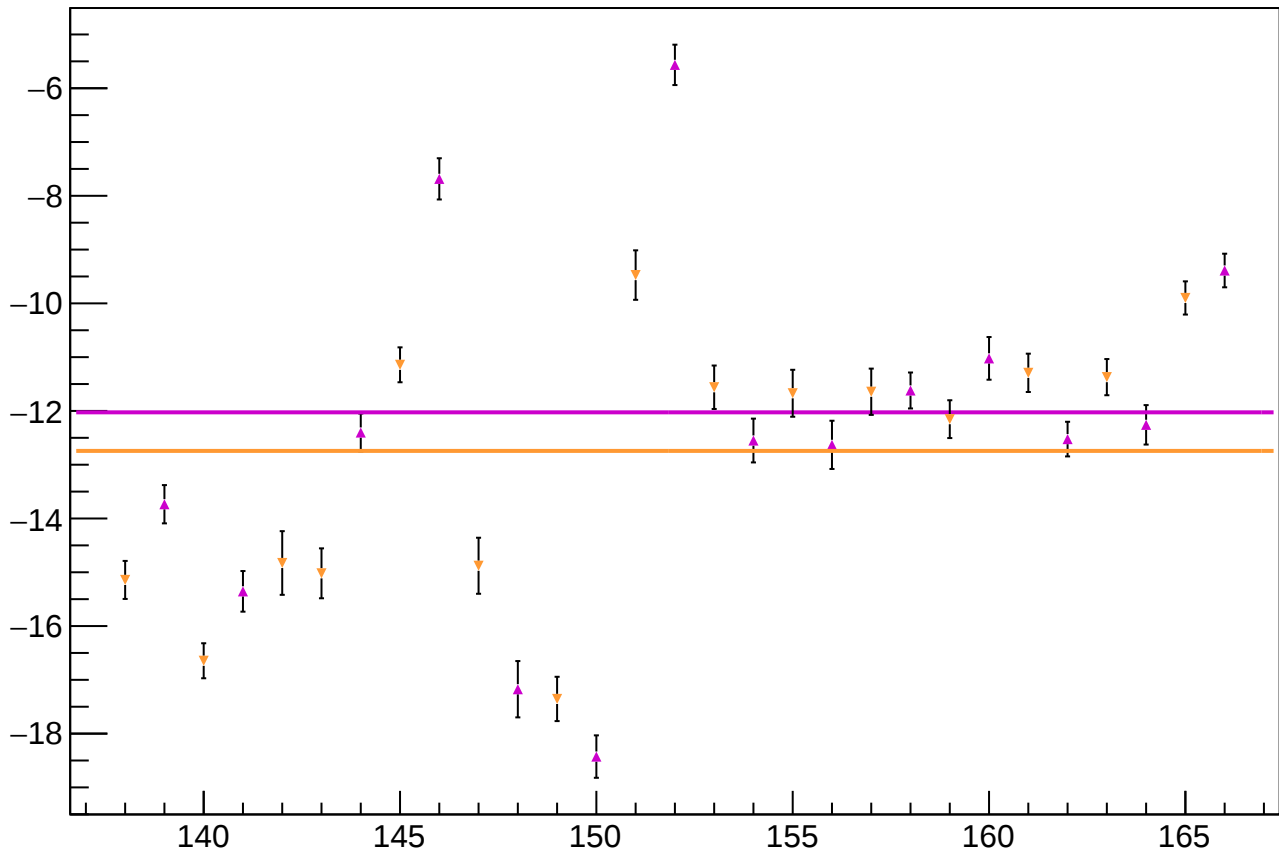
Left In: -0.446±/0.011 χ^2/NDF : 677.0/13

+ sign -0.451±/0.010 χ^2/NDF : 774.5/31

All: -0.461±/0.007 χ^2/NDF : 2037.7/64

- sign -0.470±/0.010 χ^2/NDF : 1261.4/32

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -12.743+/-0.100 χ^2/NDF : 585.3/14

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

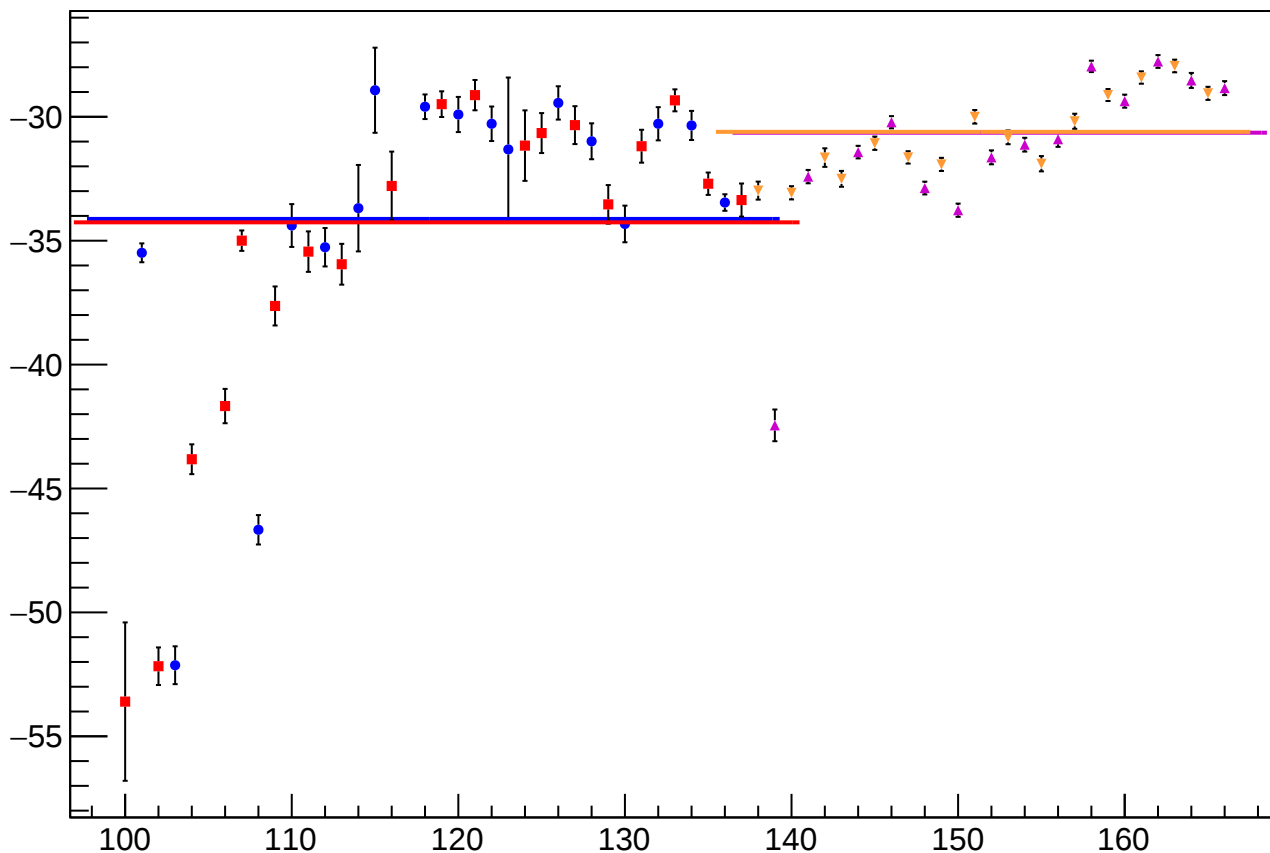
Left In: -12.026+/-0.100 χ^2/NDF : 971.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.385+/-0.070 χ^2/NDF : 1582.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.122 ± 0.152 χ^2/NDF : 1322.4/16

Left Out: -30.607 ± 0.072 χ^2/NDF : 496.1/14

Right Out: -34.260 ± 0.151 χ^2/NDF : 1354.9/18

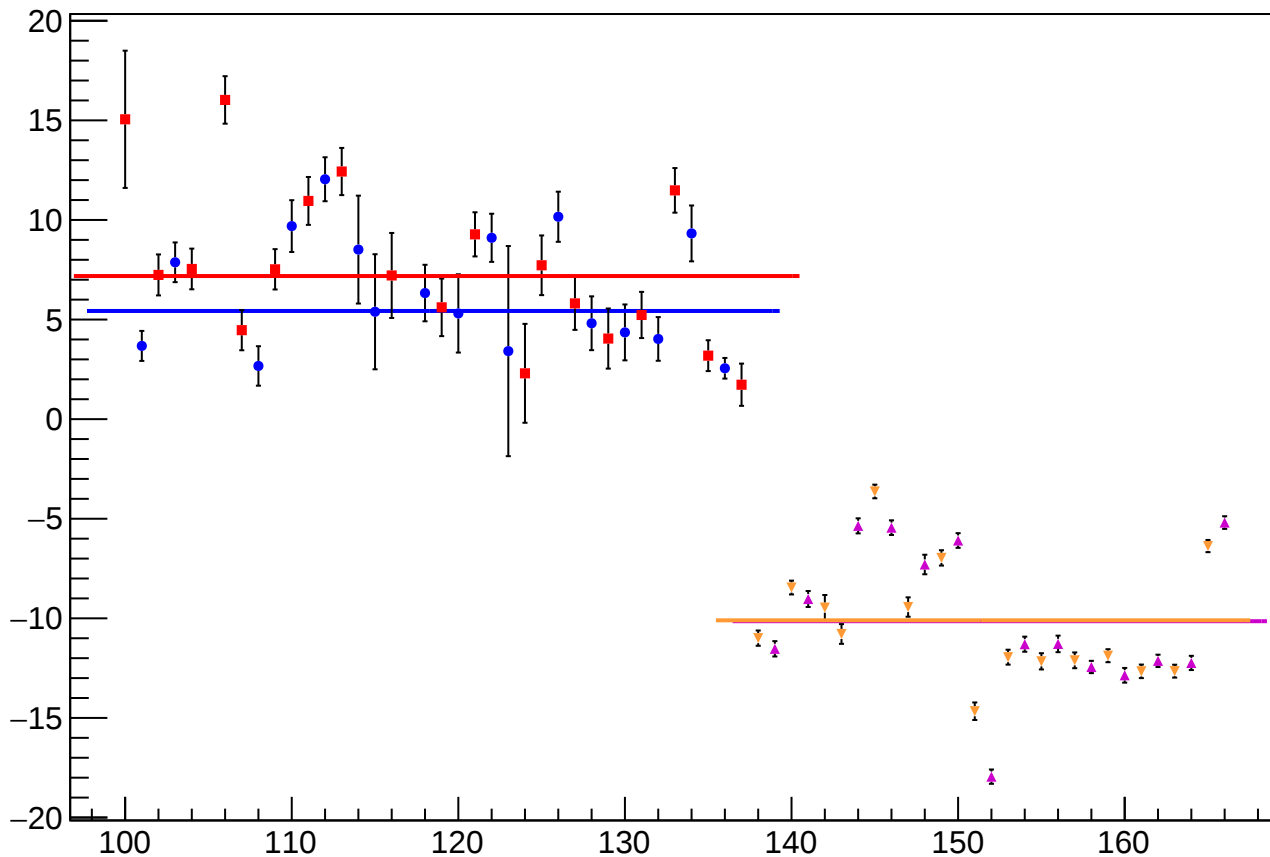
Left In: -30.642 ± 0.074 χ^2/NDF : 995.1/13

+ sign -31.254 ± 0.065 χ^2/NDF : 2256.0/31

All: -31.295 ± 0.046 χ^2/NDF : 5071.6/64

- sign -31.337 ± 0.066 χ^2/NDF : 2814.8/32

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.431 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -10.100 ± 0.098 χ^2/NDF : 933.6/14

Right Out: 7.185 ± 0.274 χ^2/NDF : 182.1/18

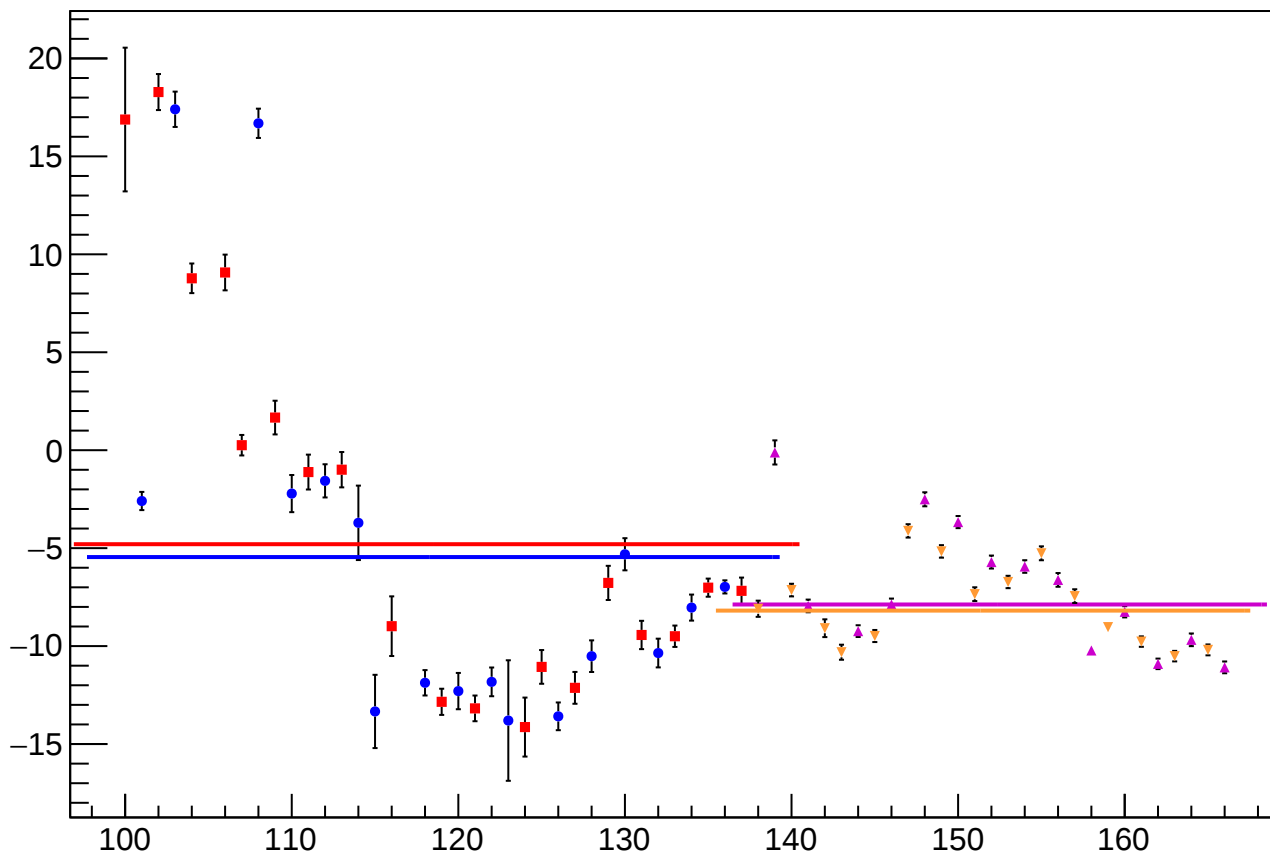
Left In: -10.144 ± 0.097 χ^2/NDF : 1415.3/13

+ sign -8.295 ± 0.092 χ^2/NDF : 3981.3/31

All: -8.249 ± 0.065 χ^2/NDF : 9119.9/64

- sign -8.204 ± 0.092 χ^2/NDF : 5138.1/32

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.455 ± 0.171 $\chi^2/\text{NDF}: 2096.5/16$

Left Out: -8.189 ± 0.083 $\chi^2/\text{NDF}: 565.8/14$

Right Out: -4.798 ± 0.173 $\chi^2/\text{NDF}: 2047.4/18$

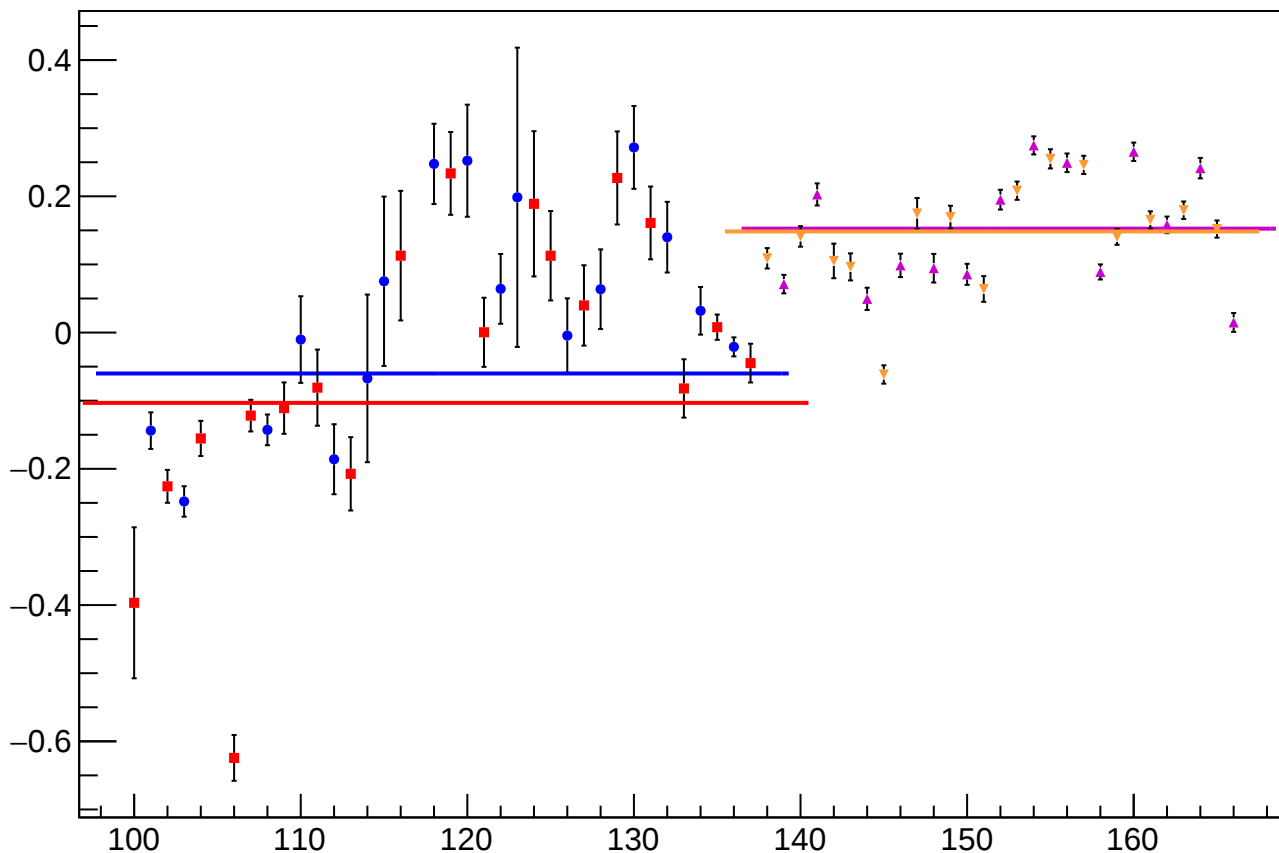
Left In: -7.876 ± 0.084 $\chi^2/\text{NDF}: 1048.0/13$

+ sign -7.670 ± 0.074 $\chi^2/\text{NDF}: 2869.8/31$

All: -7.483 ± 0.053 $\chi^2/\text{NDF}: 6234.7/64$

- sign -7.292 ± 0.075 $\chi^2/\text{NDF}: 3352.1/32$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.060 ± 0.008 χ^2/NDF : 215.5/16

Left Out: 0.148 ± 0.004 χ^2/NDF : 422.5/14

Right Out: -0.103 ± 0.008 χ^2/NDF : 434.3/18

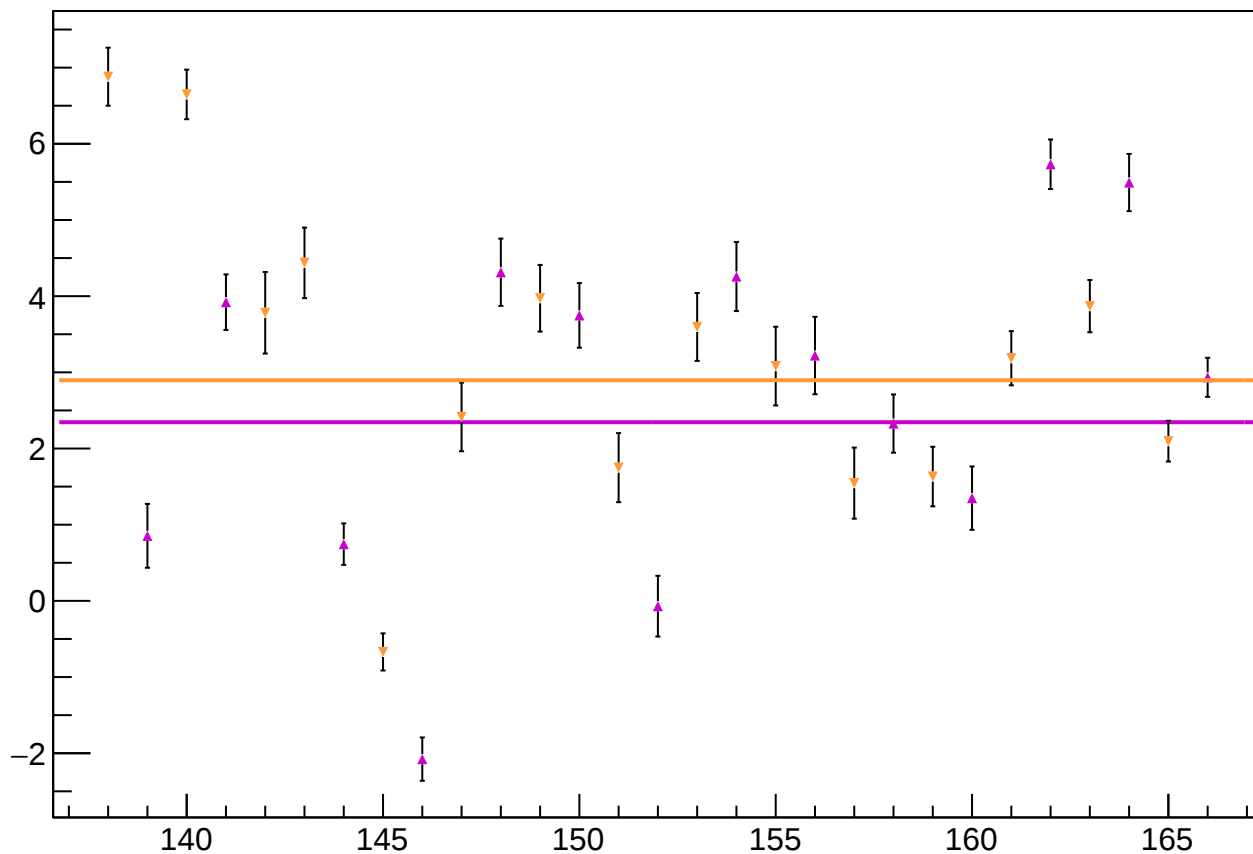
Left In: 0.153 ± 0.004 χ^2/NDF : 502.3/13

+ sign 0.113 ± 0.003 χ^2/NDF : 1148.6/31

All: 0.111 ± 0.002 χ^2/NDF : 2848.3/64

- sign 0.109 ± 0.003 χ^2/NDF : 1699.1/32

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: 2.897 $\pm$ 0.097 χ^2 /NDF:522.8/14

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

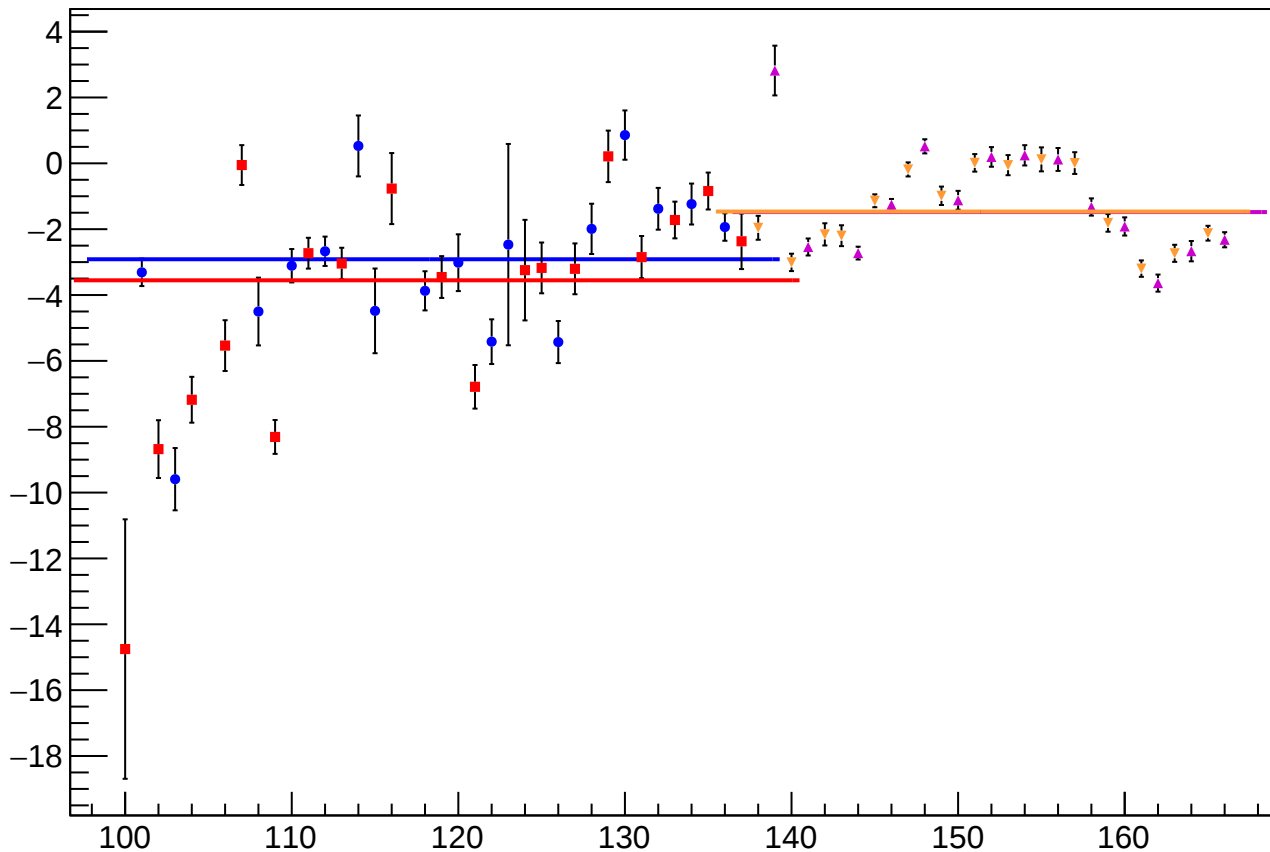
Left In: 2.345 $\pm$ 0.096 χ^2 /NDF:585.4/13

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

All: 2.618 $\pm$ 0.068 χ^2 /NDF: 1124.5/28

- 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: -2.914 ± 0.155 χ^2/NDF : 146.1/16

Left Out: -1.464 ± 0.069 χ^2/NDF : 260.7/14

Right Out: -3.553 ± 0.155 χ^2/NDF : 290.9/18

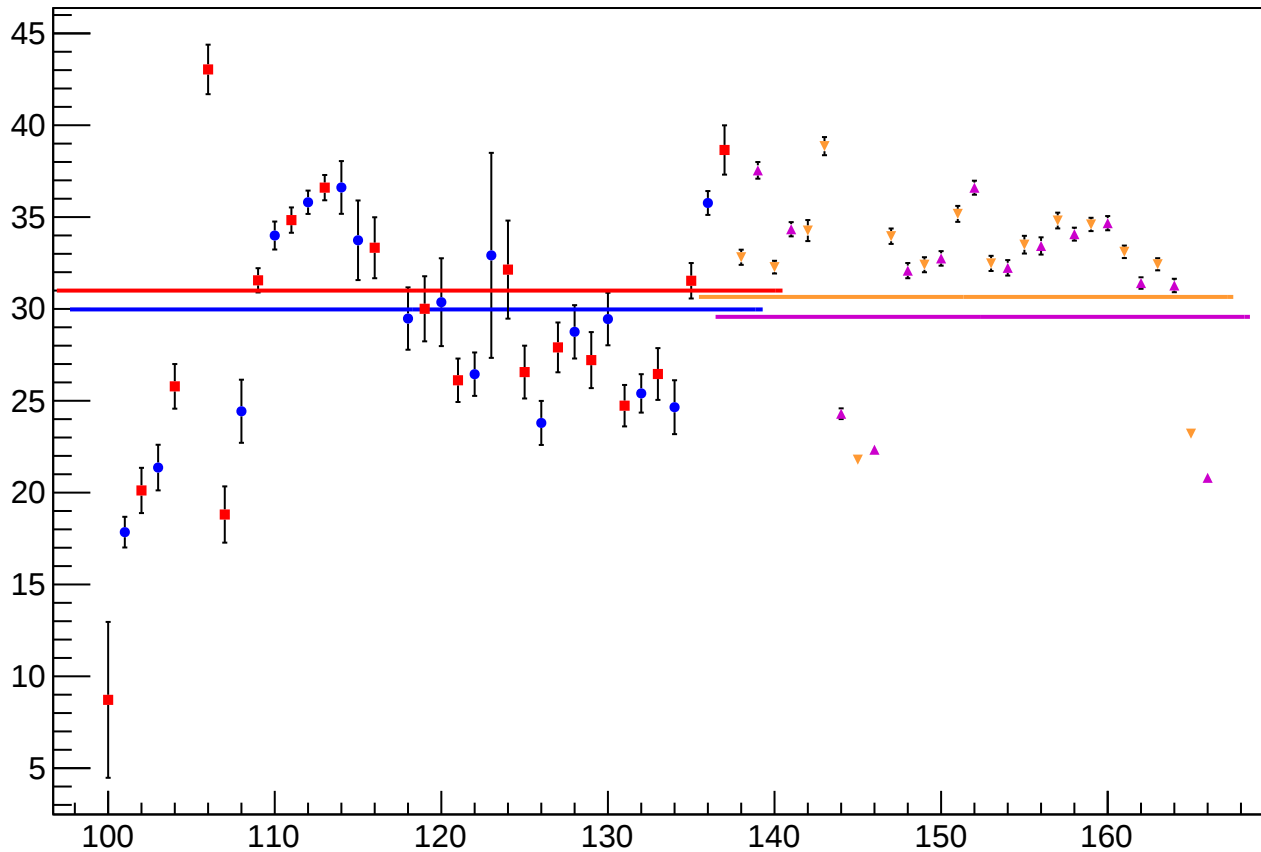
Left In: -1.481 ± 0.069 χ^2/NDF : 363.5/13

+ sign -1.707 ± 0.063 χ^2/NDF : 479.7/31

All: -1.765 ± 0.045 χ^2/NDF : 1285.8/64

- sign -1.823 ± 0.063 χ^2/NDF : 804.4/32

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.972 $\pm$ 0.267 χ^2/NDF : 554.3/16

Left Out: 30.654 $\pm$ 0.096 χ^2/NDF : 2850.4/14

Right Out: 30.999 $\pm$ 0.260 χ^2/NDF : 479.5/18

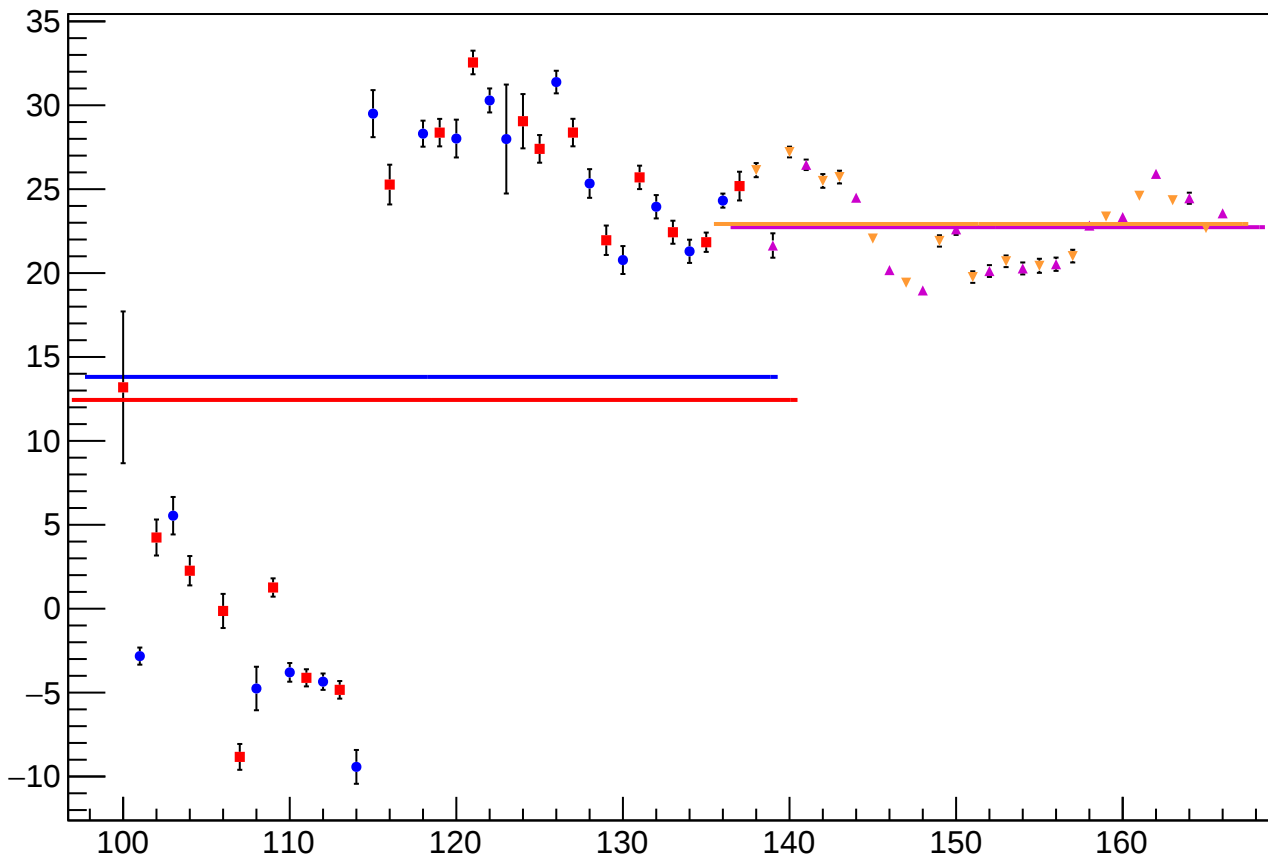
Left In: 29.569 $\pm$ 0.094 χ^2/NDF : 3560.5/13

+ sign 30.576 $\pm$ 0.090 χ^2/NDF : 3410.4/31

All: 30.146 $\pm$ 0.063 χ^2/NDF : 7521.3/64

- sign 29.734 $\pm$ 0.088 χ^2/NDF : 4066.7/32

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.813 $\pm$ 0.173 χ^2 /NDF: 7318.6/16

Left Out: 22.926 $\pm$ 0.080 χ^2 /NDF: 752.3/14

Right Out: 12.440 $\pm$ 0.174 χ^2 /NDF: 6970.3/18

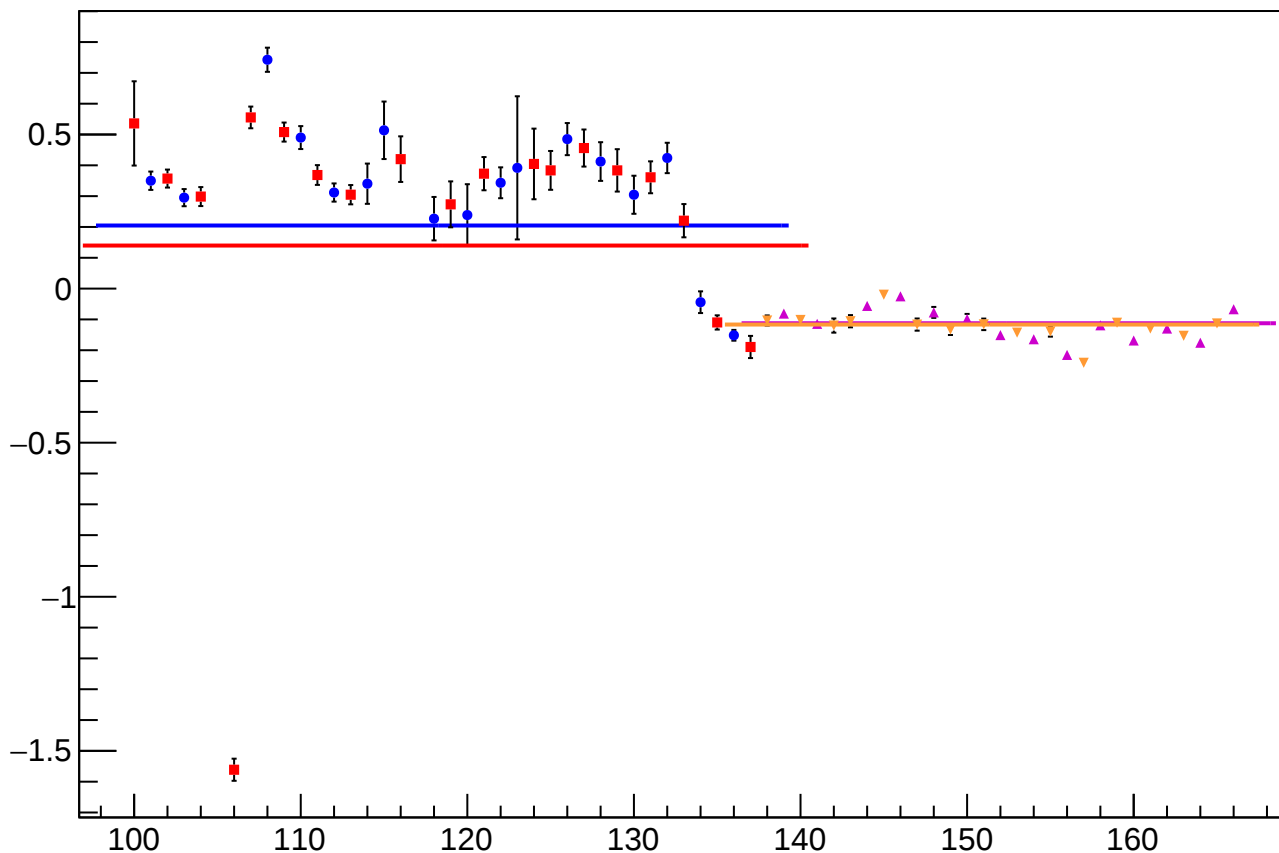
Left In: 22.735 $\pm$ 0.080 χ^2 /NDF: 809.1/13

+ sign 21.306 $\pm$ 0.073 χ^2 /NDF: 10361.1/31

All: 21.126 $\pm$ 0.051 χ^2 /NDF: 21054.6/64

- sign 20.947 $\pm$ 0.072 χ^2 /NDF: 10681.3/32

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 845.8/16

Left Out: -0.117 ± 0.004 χ^2/NDF : 180.7/14

Right Out: 0.140 ± 0.009 χ^2/NDF : 3014.2/18

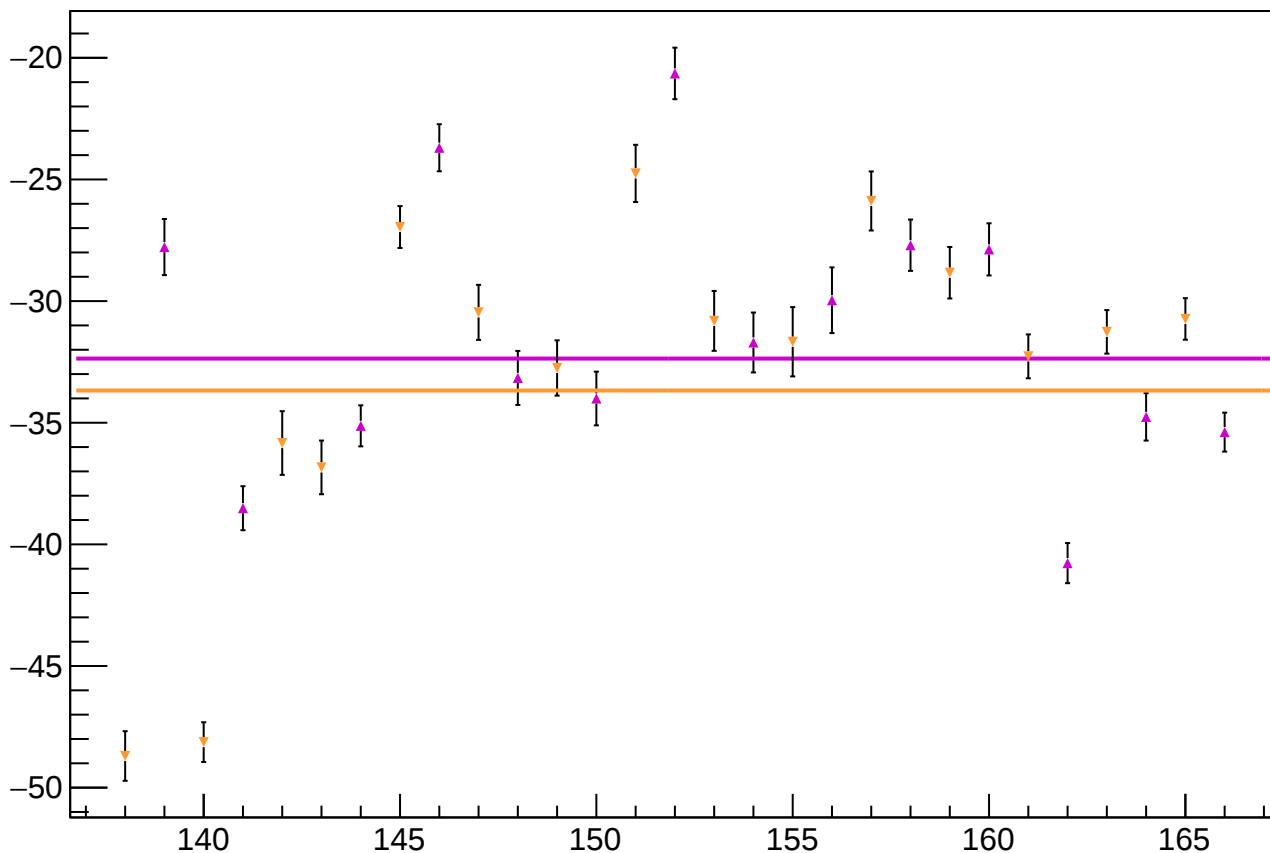
Left In: -0.112 ± 0.004 χ^2/NDF : 189.6/13

+ sign -0.072 ± 0.003 χ^2/NDF : 2037.9/31

All: -0.074 ± 0.002 χ^2/NDF : 5884.1/64

- sign -0.076 ± 0.003 χ^2/NDF : 3845.5/32

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -33.675 $\pm$ 0.267 χ^2/NDF : 759.8/14

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

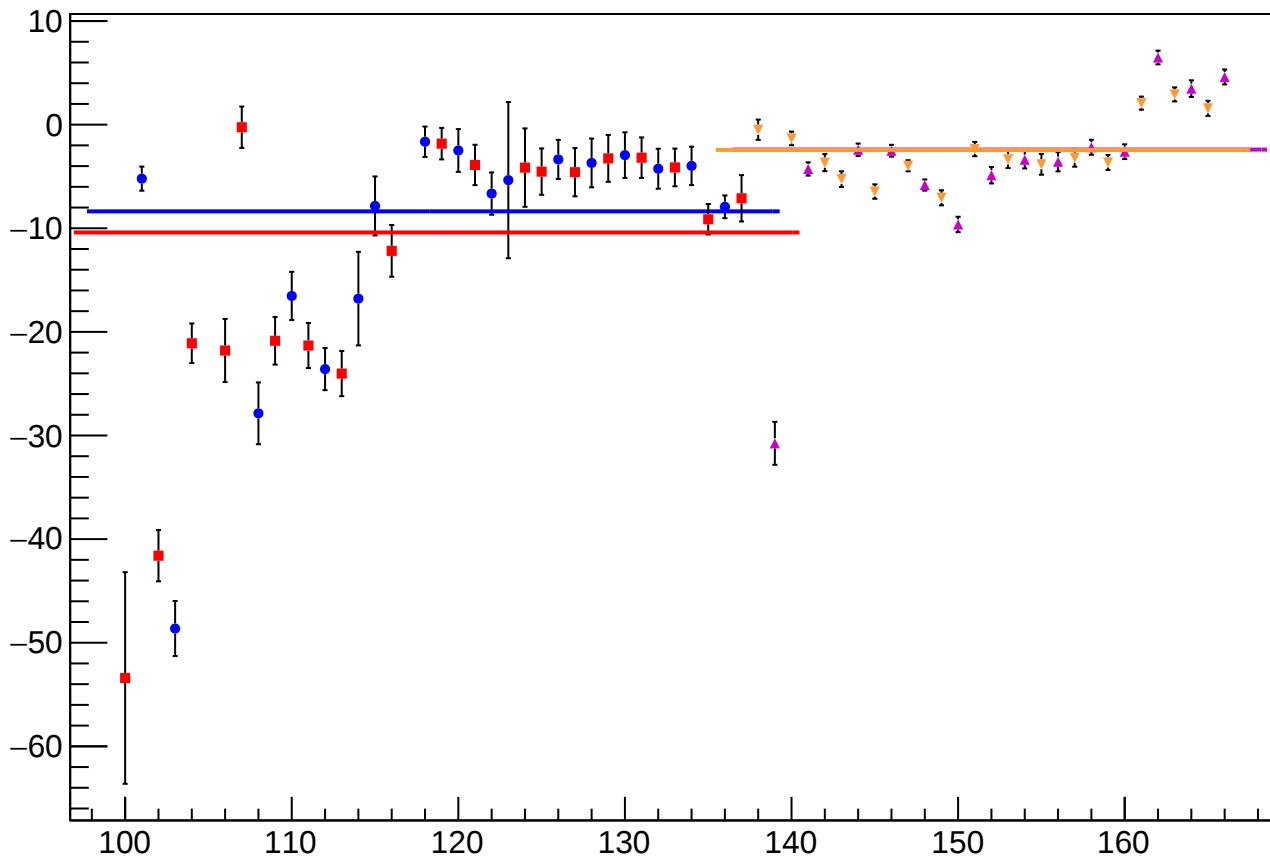
Left In: -32.363 $\pm$ 0.267 χ^2/NDF : 442.9/13

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

All: -33.020 $\pm$ 0.189 χ^2/NDF : 1214.8/28

- 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: -8.367 ± 0.466 χ^2/NDF : 408.8/16

Left Out: -2.436 ± 0.188 χ^2/NDF : 254.9/14

Right Out: -10.405 ± 0.491 χ^2/NDF : 430.3/18

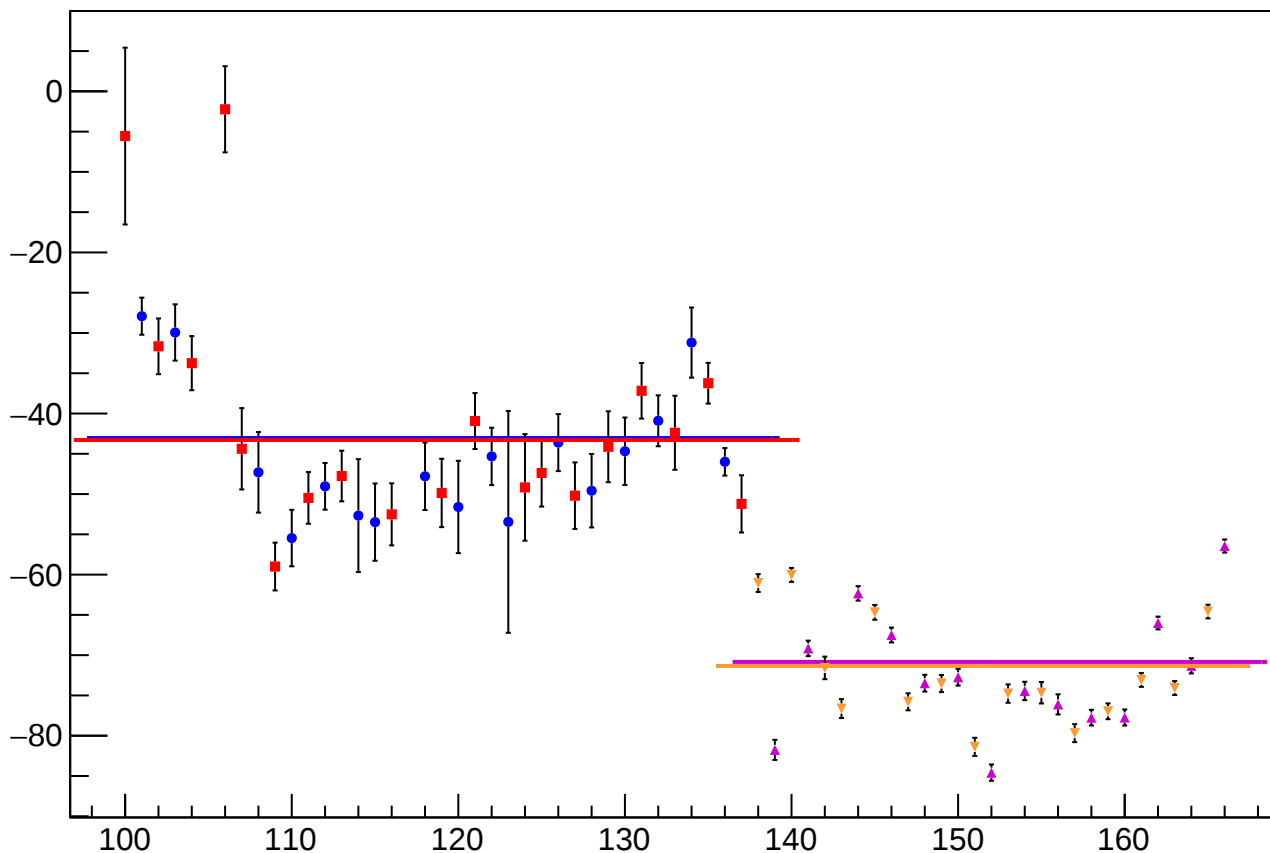
Left In: -2.404 ± 0.190 χ^2/NDF : 673.5/13

+ sign -3.267 ± 0.174 χ^2/NDF : 803.0/31

All: -3.356 ± 0.124 χ^2/NDF : 2138.2/64

- sign -3.448 ± 0.177 χ^2/NDF : 1334.7/32

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.047 ± 0.837 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -71.345 ± 0.264 $\chi^2/\text{NDF}: 611.7/14$

Right Out: -43.282 ± 0.867 $\chi^2/\text{NDF}: 154.4/18$

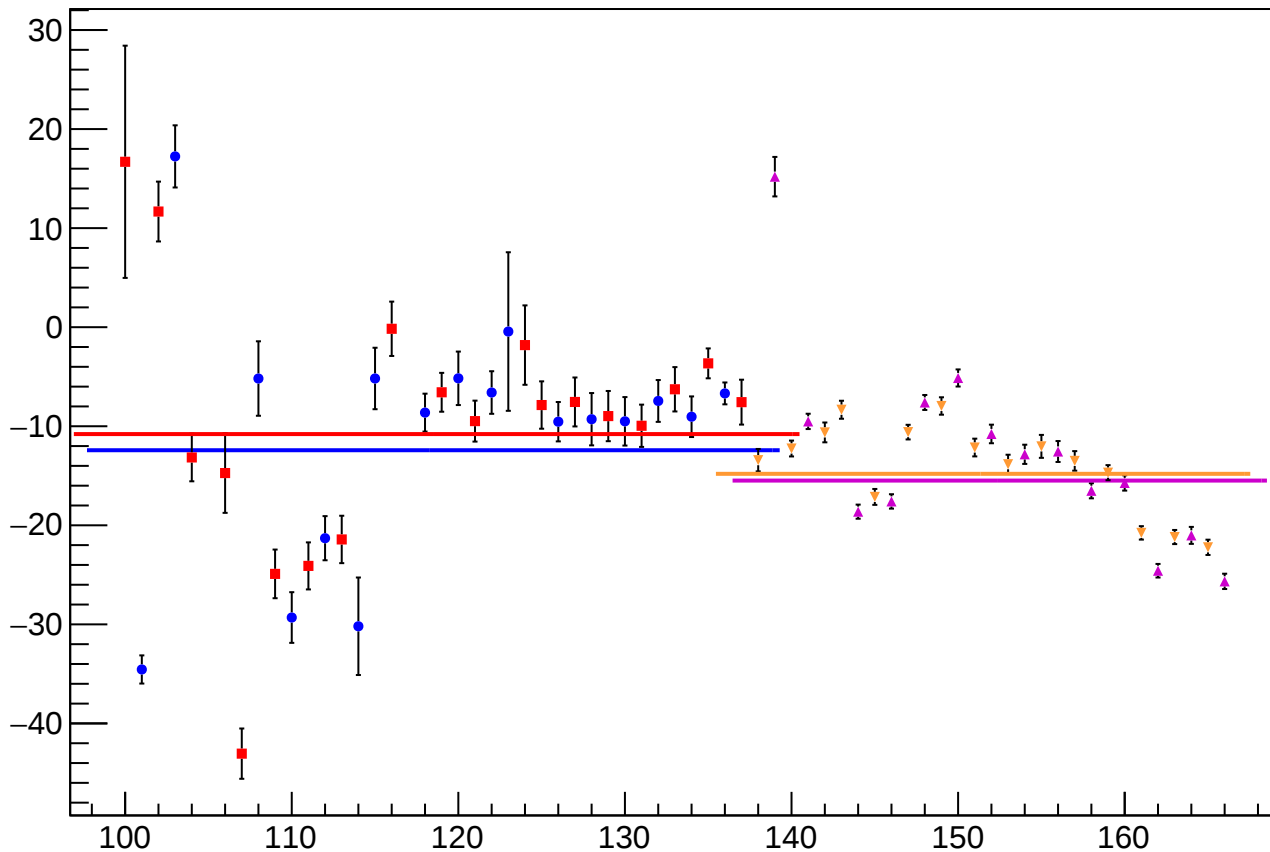
Left In: -70.837 ± 0.262 $\chi^2/\text{NDF}: 850.8/13$

+ sign -68.792 ± 0.252 $\chi^2/\text{NDF}: 1749.9/31$

All: -68.665 ± 0.177 $\chi^2/\text{NDF}: 3681.1/64$

- sign -68.539 ± 0.250 $\chi^2/\text{NDF}: 1930.7/32$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.421 +/- 0.523 χ^2/NDF : 474.4/16

Left Out: -14.803 +/- 0.219 χ^2/NDF : 448.4/14

Right Out: -10.791 +/- 0.554 χ^2/NDF : 365.8/18

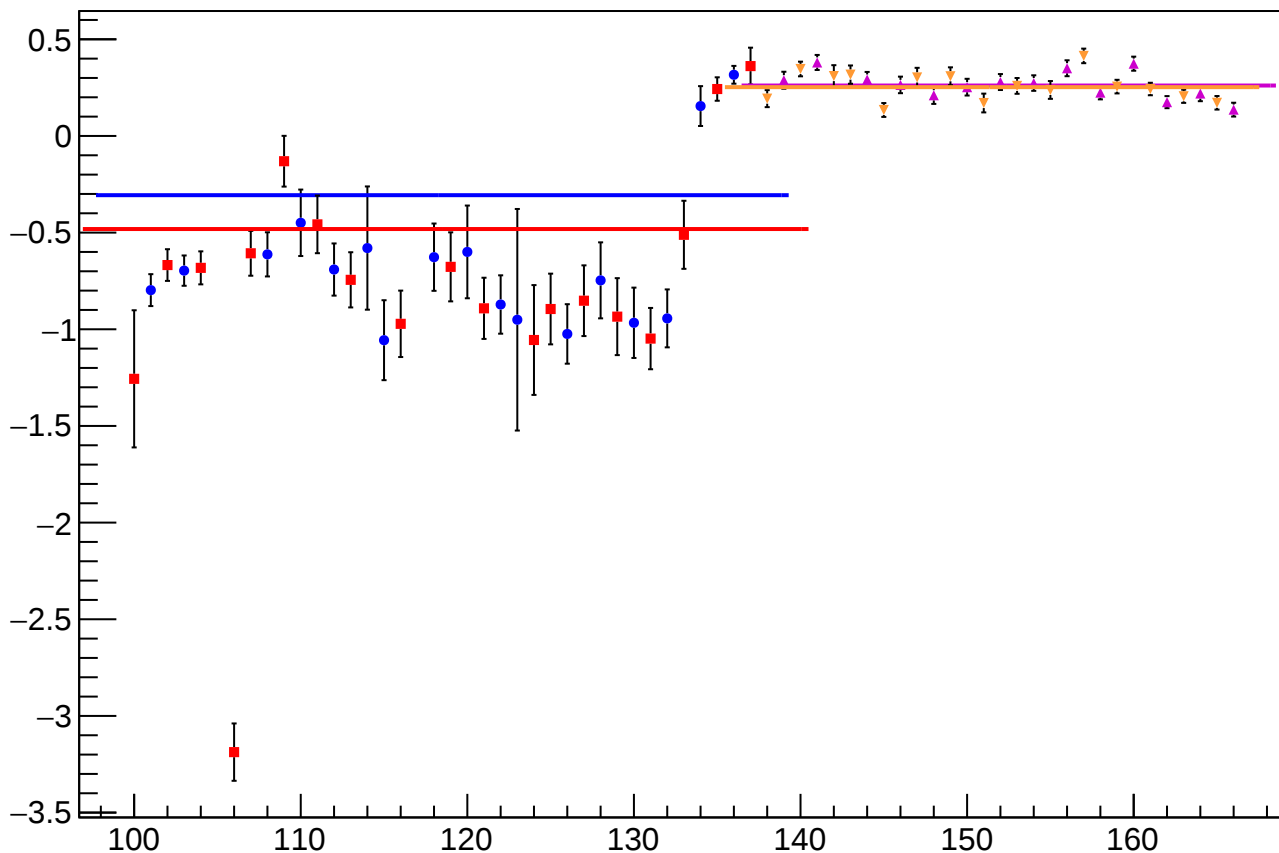
Left In: -15.484 +/- 0.221 χ^2/NDF : 1010.4/13

+ sign -14.448 +/- 0.202 χ^2/NDF : 940.4/31

All: -14.641 +/- 0.144 χ^2/NDF : 2380.5/64

- sign -14.841 +/- 0.205 χ^2/NDF : 1438.2/32

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: 0.252 ± 0.010 χ^2/NDF : 52.9/14

Right Out: -0.481 ± 0.029 χ^2/NDF : 628.3/18

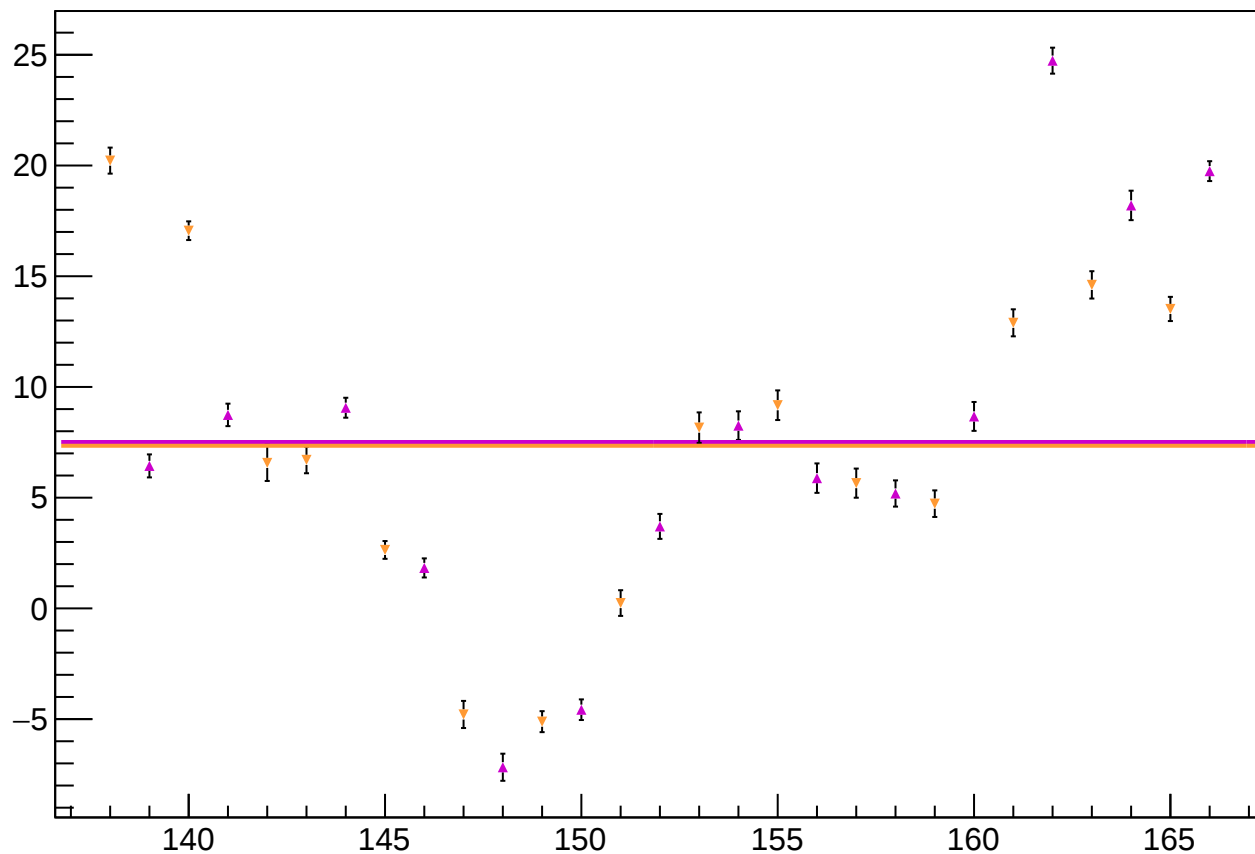
Left In: 0.261 ± 0.010 χ^2/NDF : 48.3/13

+ sign 0.183 ± 0.010 χ^2/NDF : 784.4/31

All: 0.178 ± 0.007 χ^2/NDF : 2056.2/64

- sign 0.174 ± 0.010 χ^2/NDF : 1271.4/32

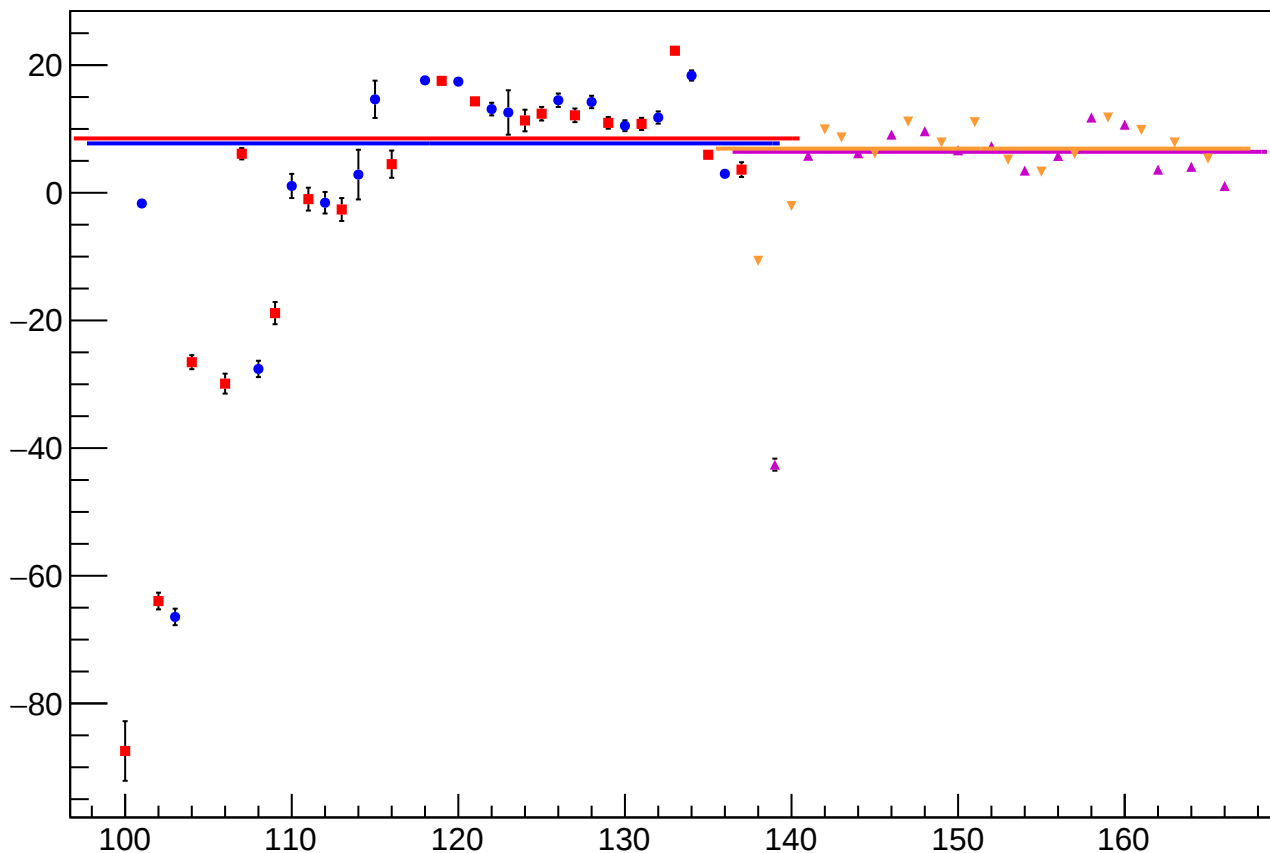
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.345+/-0.146 χ^2/NDF : 2766.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.514+/-0.144 χ^2/NDF : 3379.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.430+/-0.102 χ^2/NDF : 6147.0/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 7.737 $\pm$ 0.218 χ^2 /NDF: 5300.6/16

Left Out: 6.918 $\pm$ 0.103 χ^2 /NDF:2223.2/14

Right Out: 8.514 $\pm$ 0.213 χ^2 /NDF: 6719.4/18

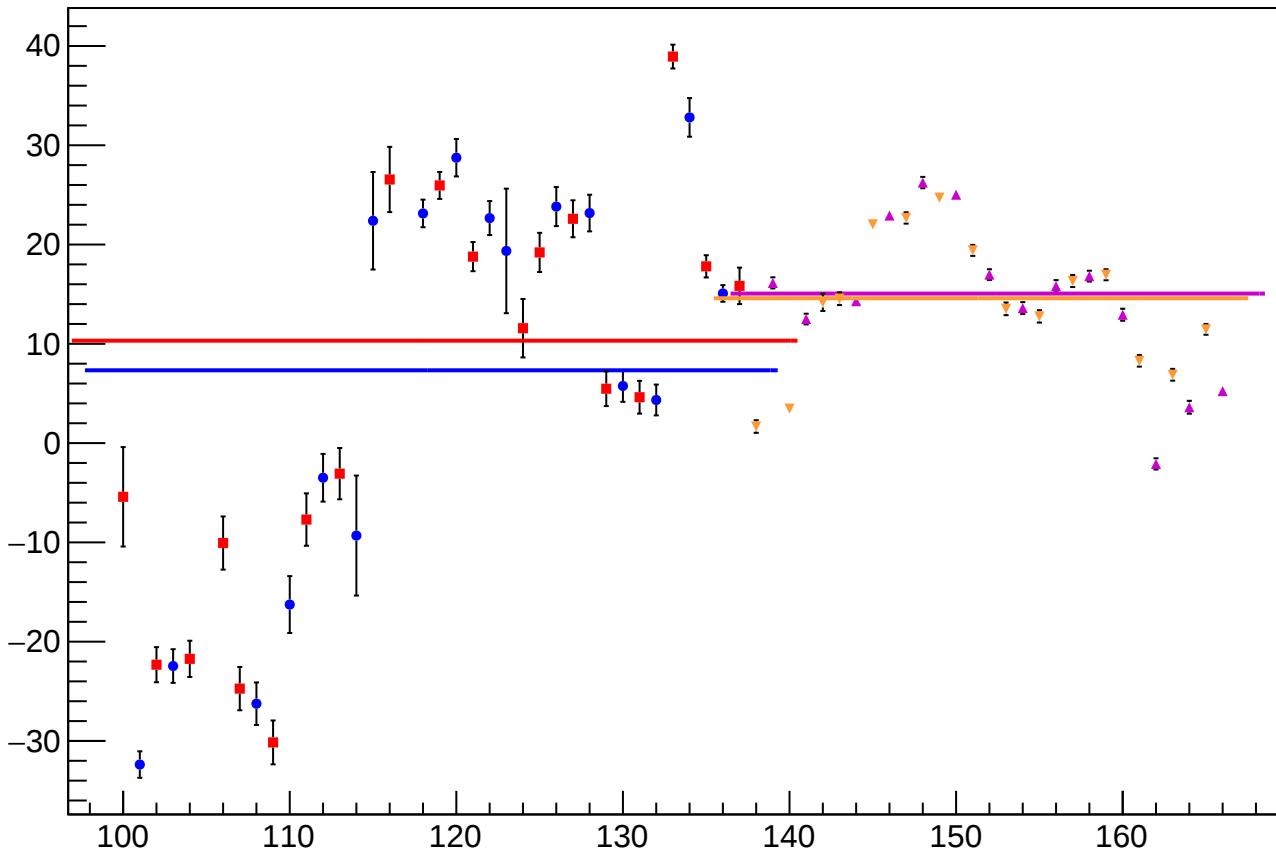
Left In: 6.419 $\pm$ 0.104 χ^2 /NDF:3451.7/13

+ sign 7.067 $\pm$ 0.093 χ^2 /NDF: 7535.4/31

All: 6.944 $\pm$ 0.066 χ^2 /NDF: 17788.0/64

- sign 6.820 $\pm$ 0.093 χ^2 /NDF: 10249.2/32

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.333+/-0.419 χ^2/NDF : 2293.1/16

Left Out: 14.589+/-0.144 χ^2/NDF :2484.9/14

Right Out: 10.317+/-0.417 χ^2/NDF : 2281.5/18

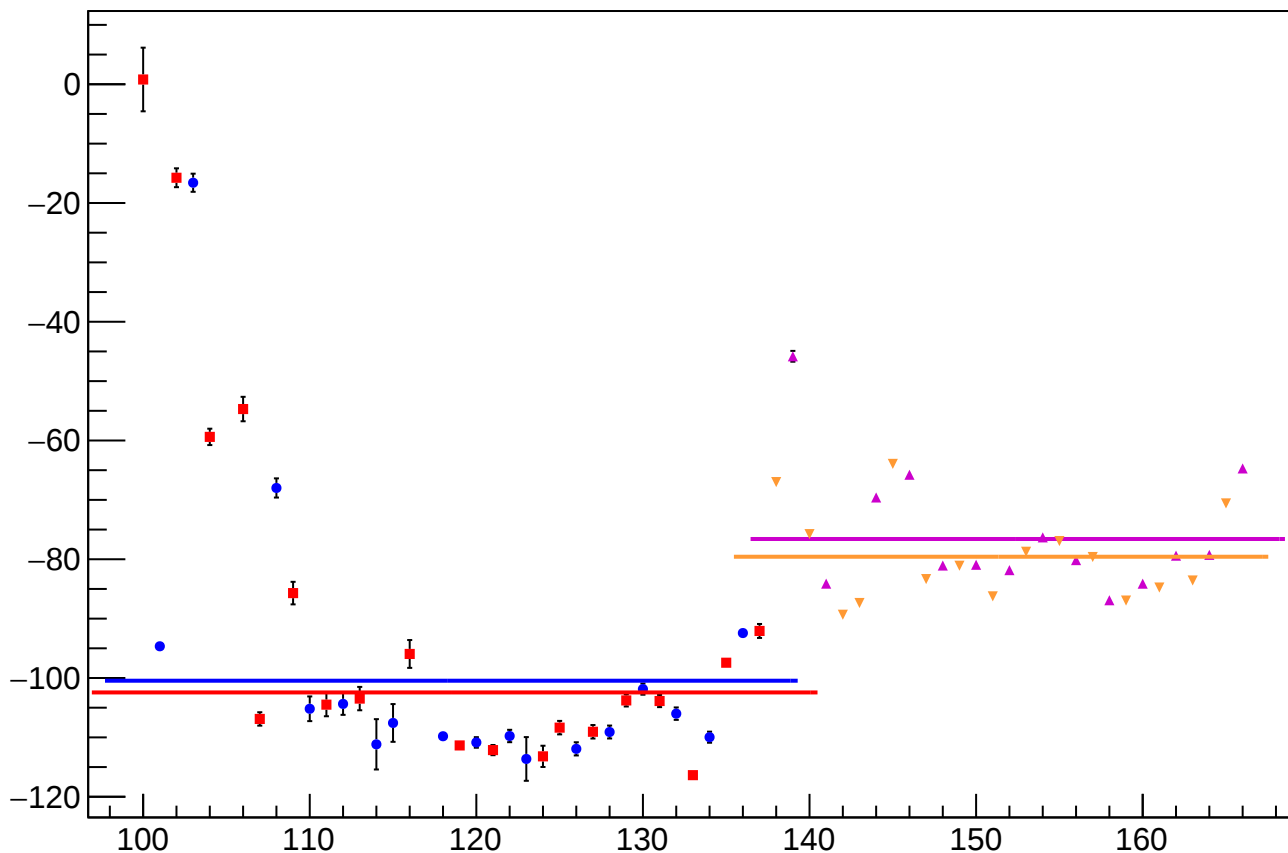
Left In: 15.062+/-0.141 χ^2/NDF :3029.4/13

+ sign 13.822+/-0.136 χ^2/NDF : 5046.8/31

All: 14.205+/-0.095 χ^2/NDF : 10489.6/64

- sign 14.574+/-0.134 χ^2/NDF : 5427.2/32

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.457 ± 0.251 χ^2/NDF : 4461.1/16

Left Out: -79.575 ± 0.121 χ^2/NDF : 3792.2/14

Right Out: -102.431 ± 0.246 χ^2/NDF : 6094.3/18

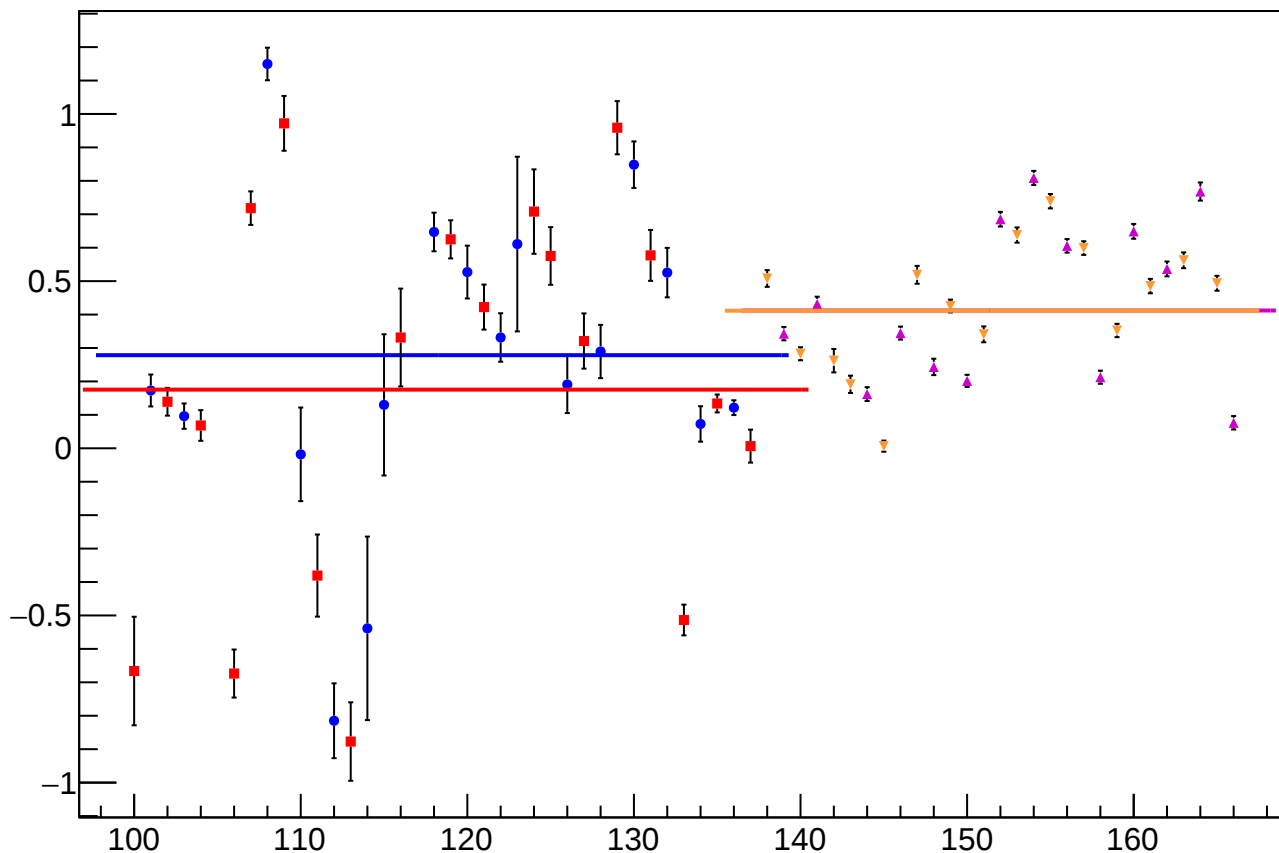
Left In: -76.588 ± 0.121 χ^2/NDF : 4812.4/13

+ sign -83.498 ± 0.109 χ^2/NDF : 13885.8/31

All: -82.538 ± 0.077 χ^2/NDF : 33831.4/64

- sign -81.585 ± 0.108 χ^2/NDF : 19790.1/32

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.279 $\pm$ 0.014 χ^2/NDF : 653.9/16

Left Out: 0.412 $\pm$ 0.006 χ^2/NDF :1254.4/14

Right Out: 0.175 $\pm$ 0.013 χ^2/NDF : 967.7/18

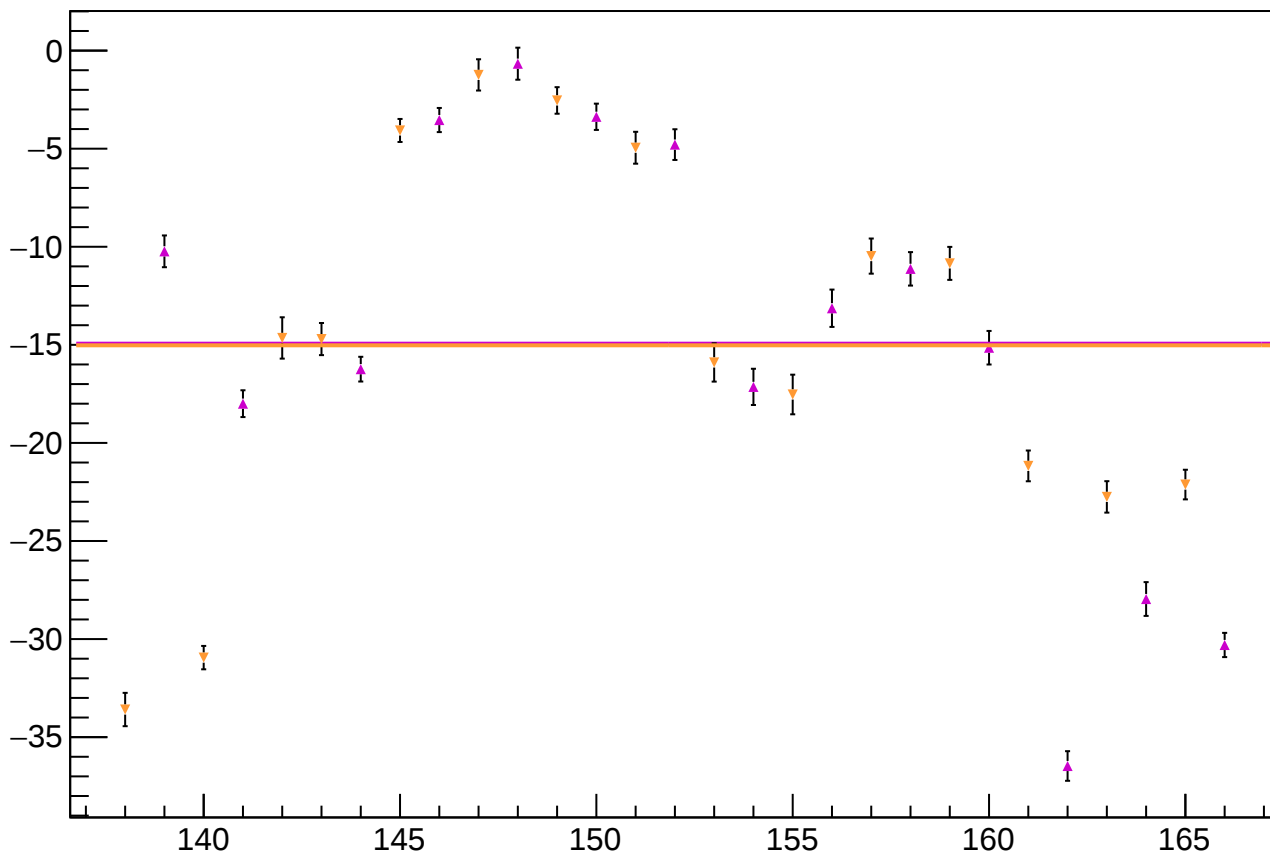
Left In: 0.412 $\pm$ 0.006 χ^2/NDF :1650.9/13

+ sign 0.392 $\pm$ 0.005 χ^2/NDF : 1990.6/31

All: 0.384 $\pm$ 0.004 χ^2/NDF : 4875.7/64

- sign 0.377 $\pm$ 0.005 χ^2/NDF : 2881.1/32

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.024+/-0.202 χ^2/NDF : 2633.3/14

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

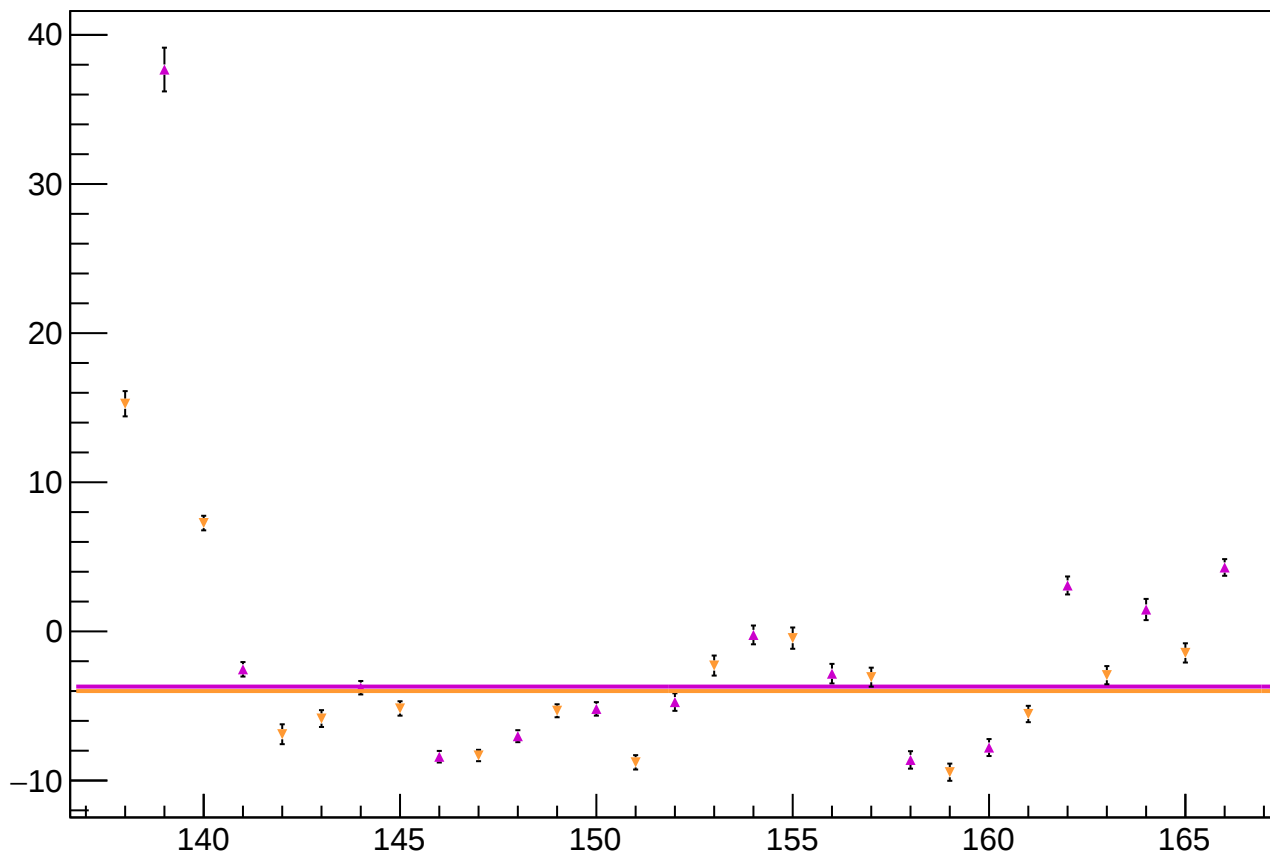
Left In: -14.942+/-0.200 χ^2/NDF : 2862.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.982+/-0.142 χ^2/NDF : 5495.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

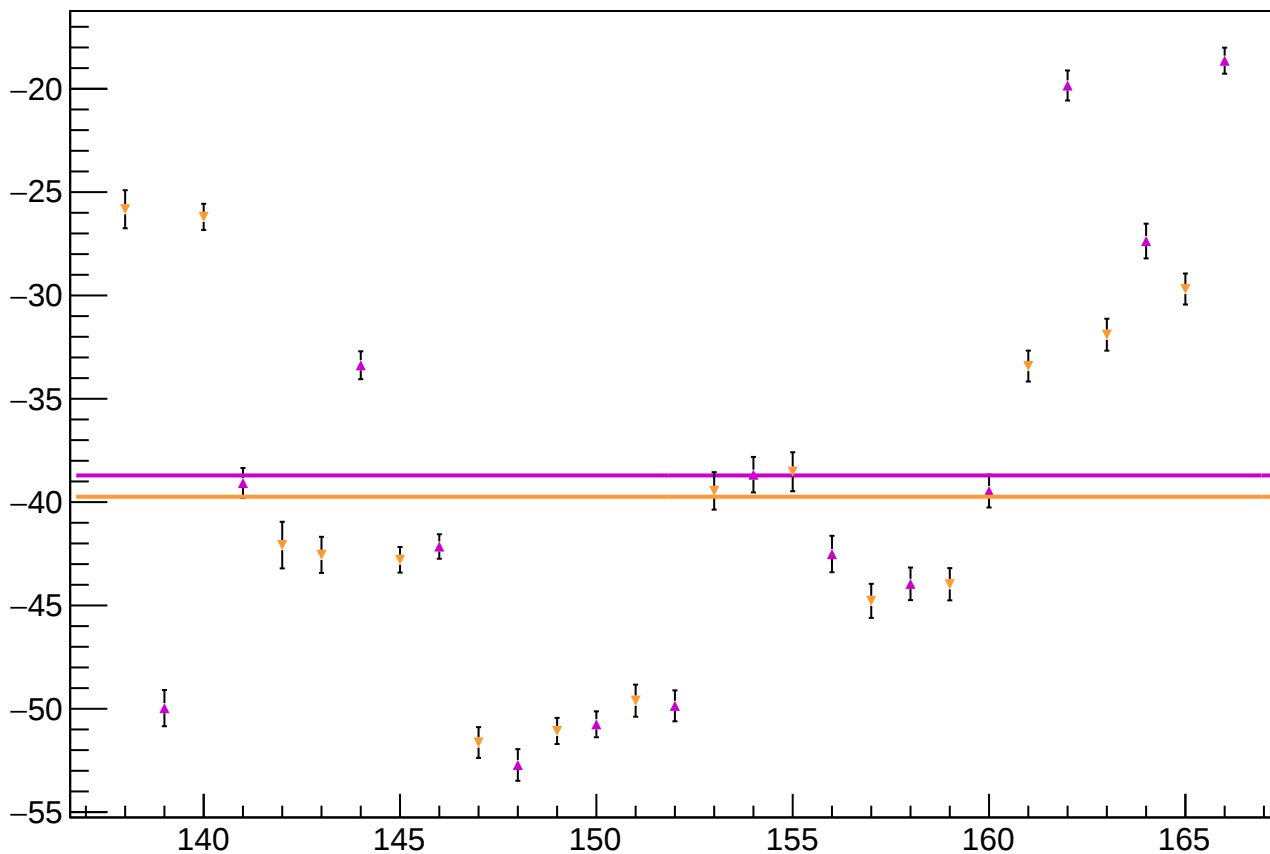
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.001+/-0.142 χ^2/NDF :1469.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.700+/-0.143 χ^2/NDF :1567.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.852+/-0.101 χ^2/NDF : 3038.8/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -39.740+/-0.200 χ^2/NDF :1881.5/14

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

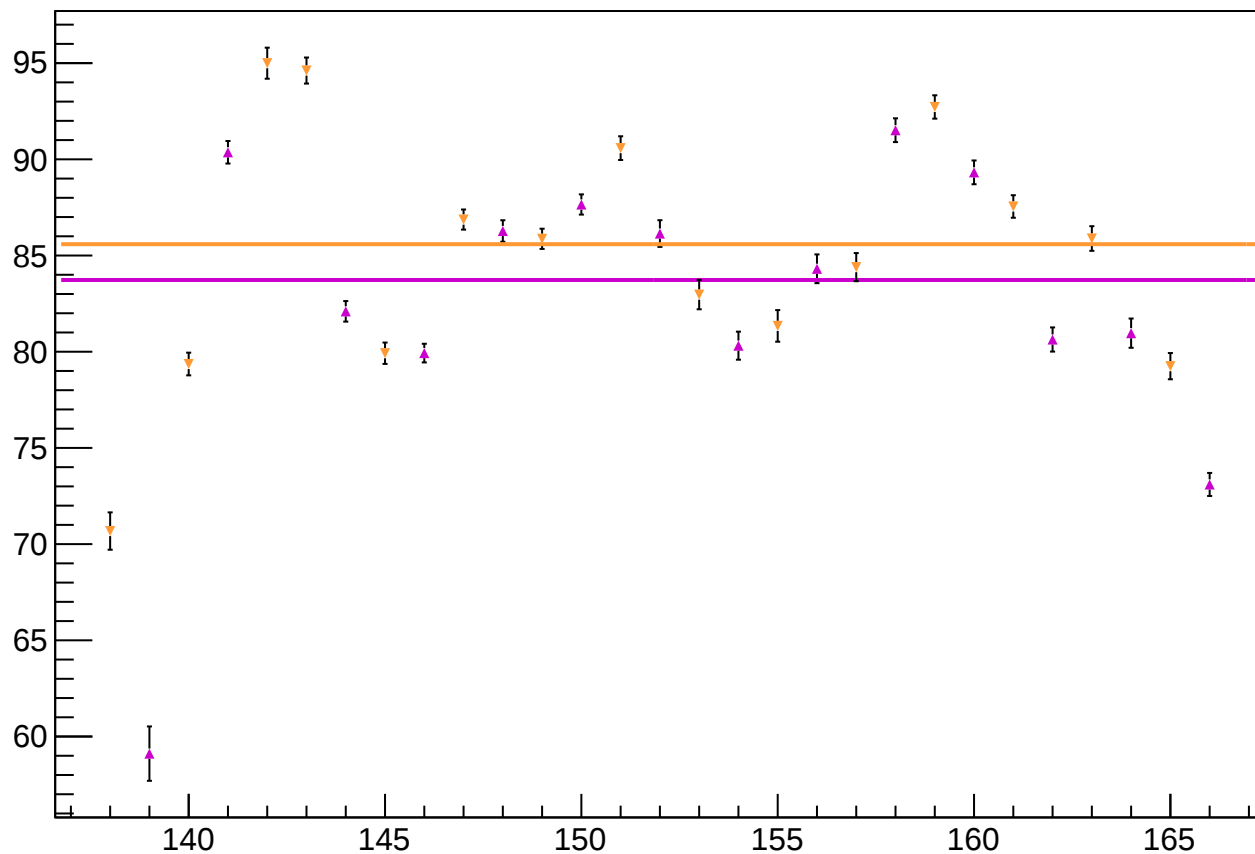
Left In: -38.709+/-0.196 χ^2/NDF :3124.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.215+/-0.140 χ^2/NDF : 5019.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 85.589+/-0.166 χ^2/NDF :1114.1/14

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

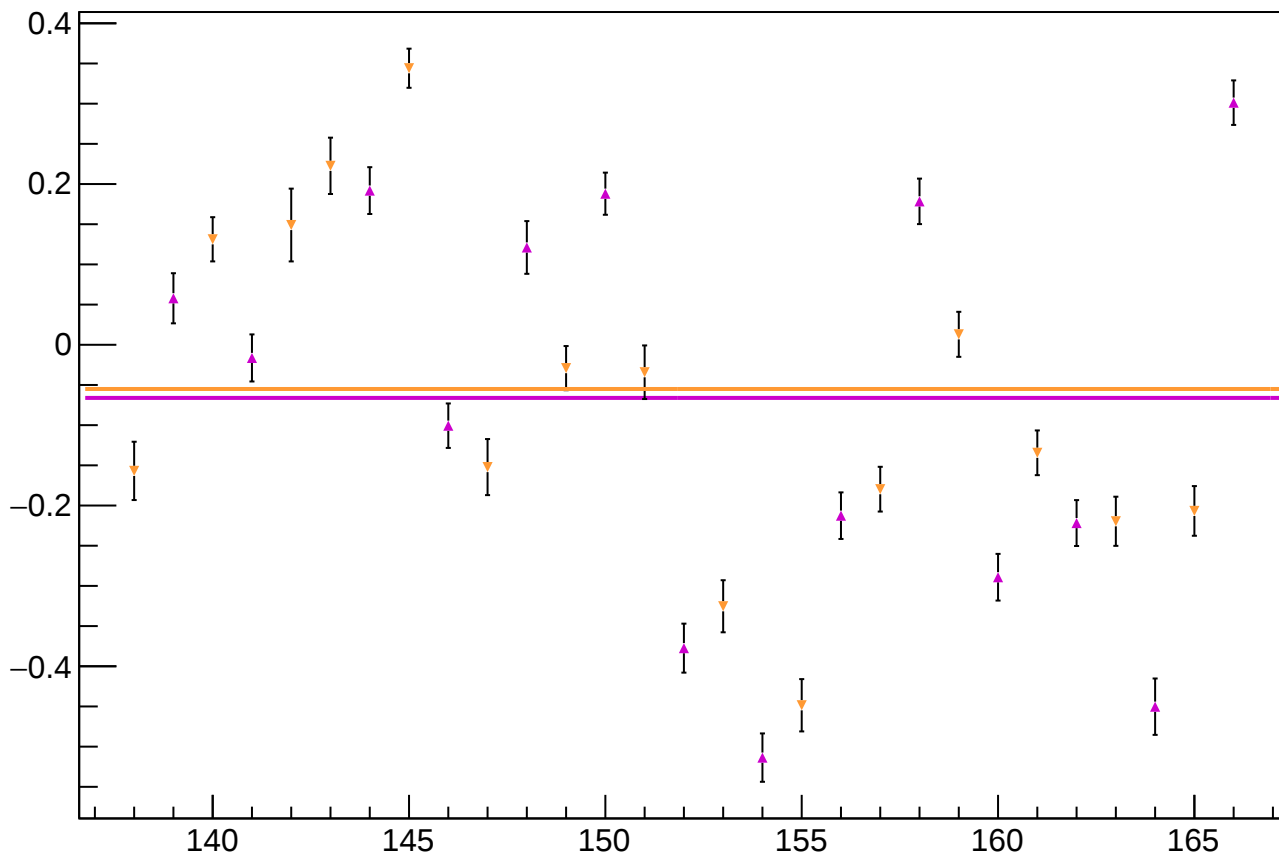
Left In: 83.729+/-0.167 χ^2/NDF :1207.4/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.659+/-0.118 χ^2/NDF : 2383.9/28

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.055+/-0.008 χ^2/NDF : 717.7/14

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

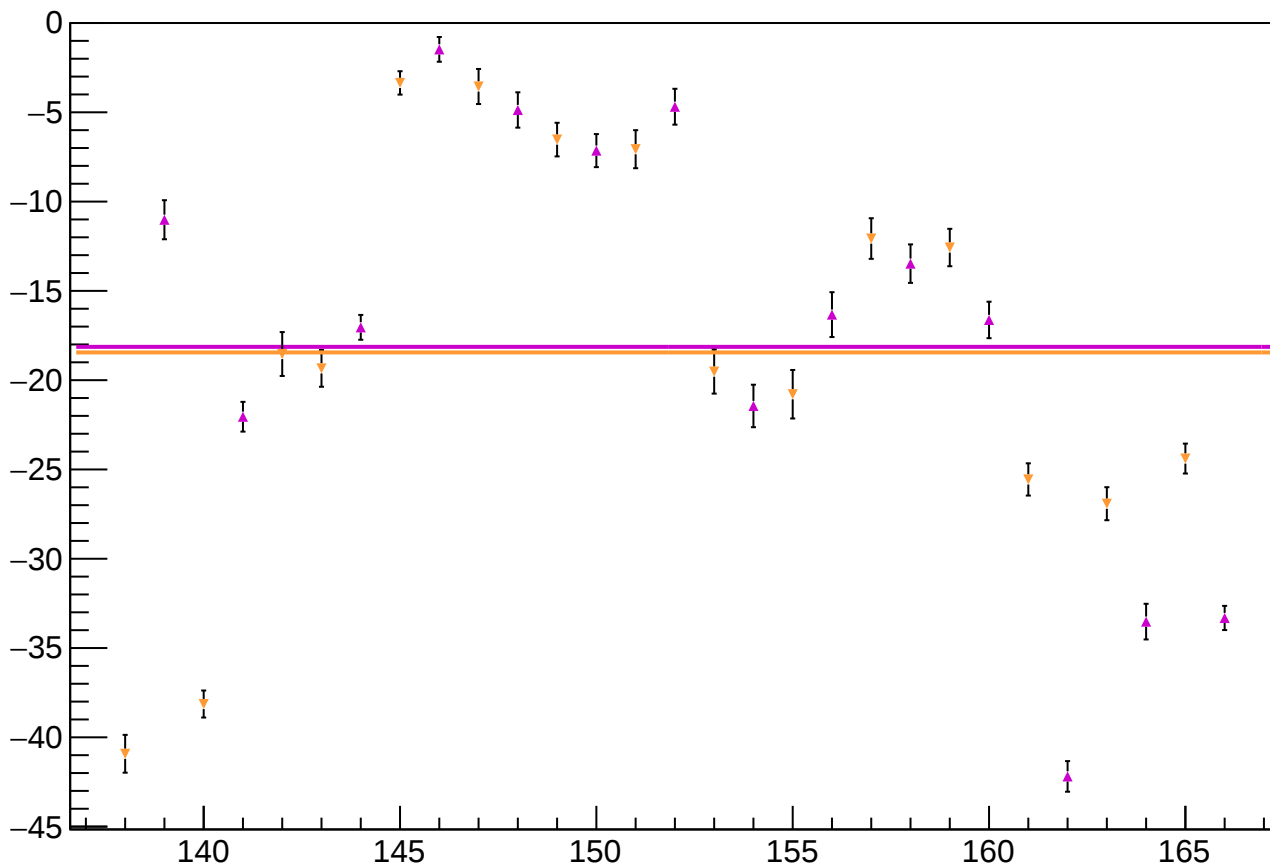
Left In: -0.066+/-0.008 χ^2/NDF : 1035.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.061+/-0.006 χ^2/NDF : 1754.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.447+/-0.247 χ^2/NDF : 2426.8/14

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

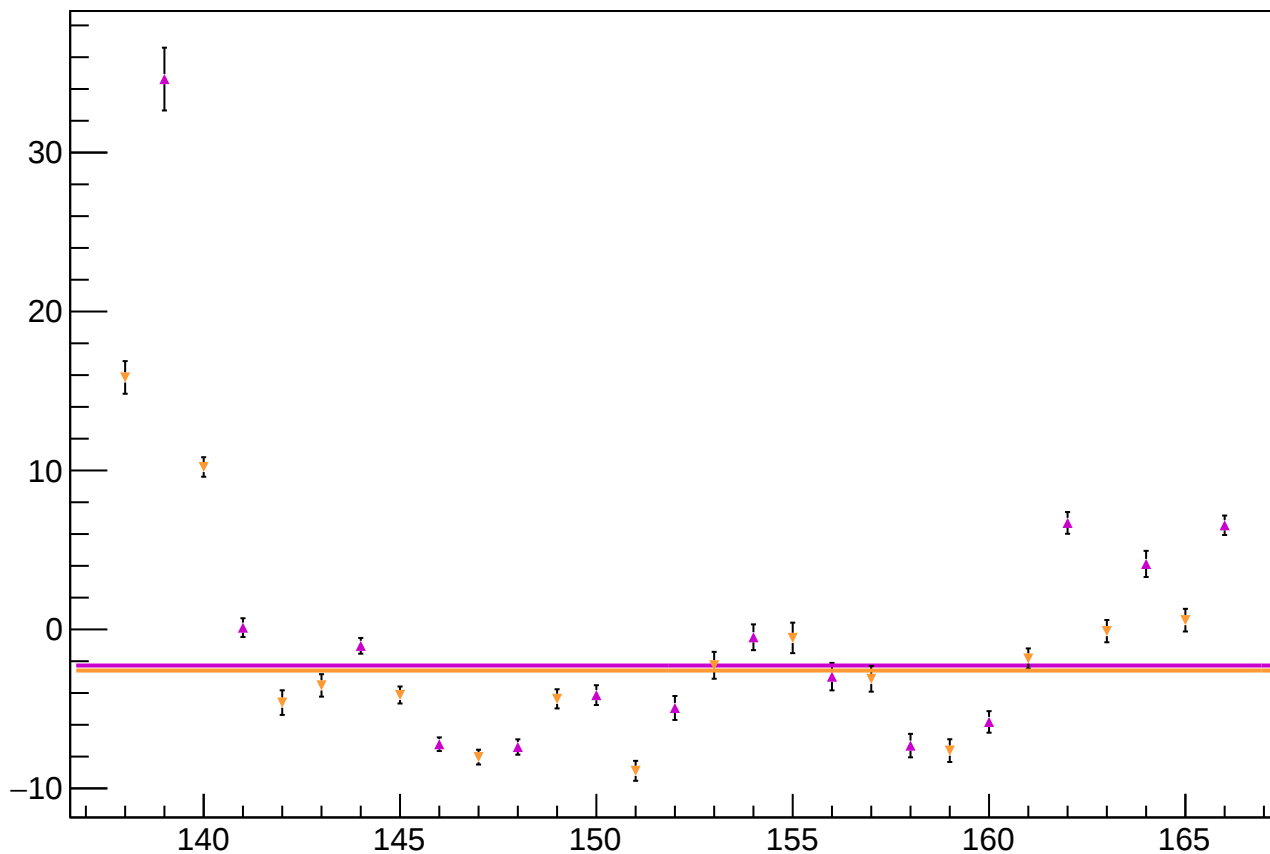
Left In: -18.134+/-0.240 χ^2/NDF : 2704.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.286+/-0.172 χ^2/NDF : 5132.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.586+/-0.174 χ^2/NDF : 1107.9/14

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

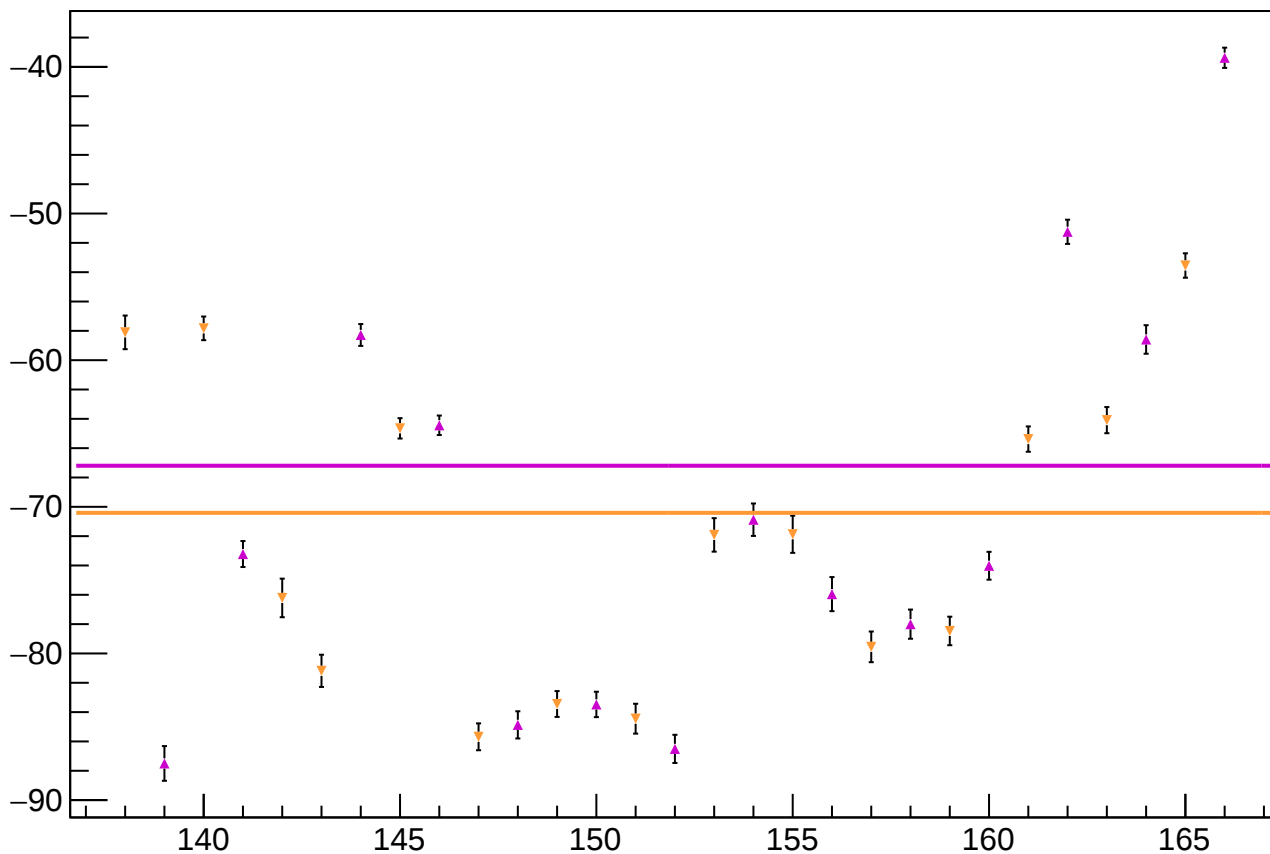
Left In: -2.271+/-0.170 χ^2/NDF : 1159.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.425+/-0.122 χ^2/NDF : 2268.6/28

- sign 0.000+/-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: -70.411+/-0.245 χ^2/NDF : 1872.6/14

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

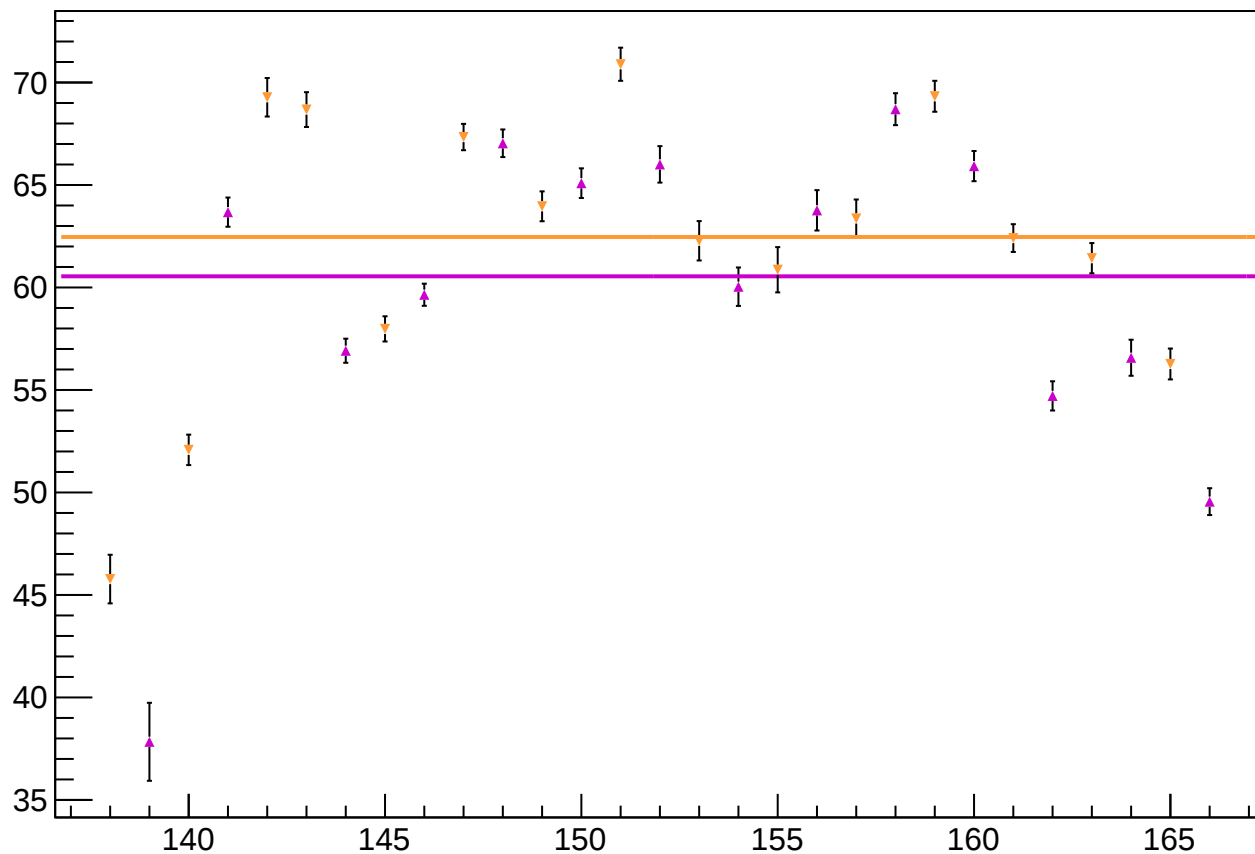
Left In: -67.198+/-0.236 χ^2/NDF : 3937.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.744+/-0.170 χ^2/NDF : 5899.5/28

- 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: 62.463+/-0.204 χ^2/NDF : 878.6/14

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

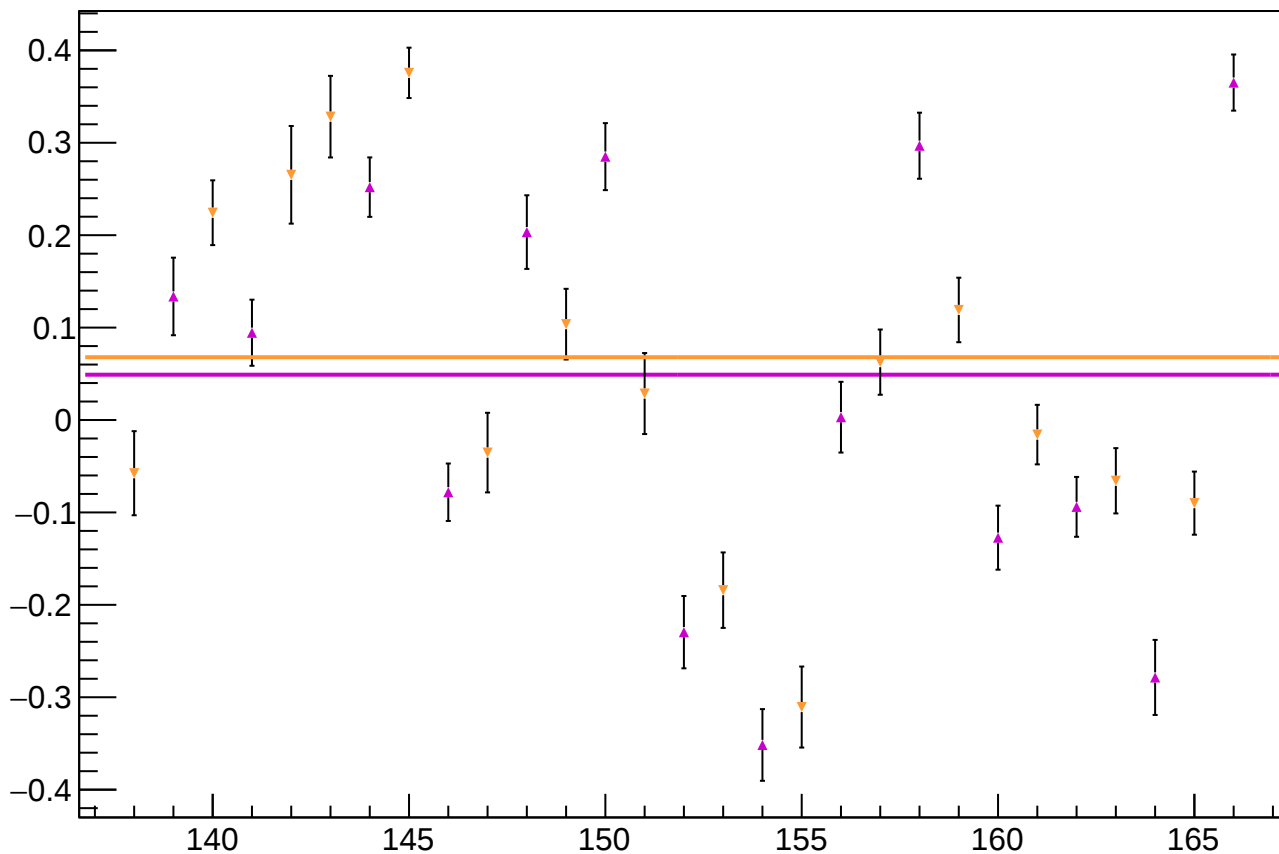
Left In: 60.545+/-0.199 χ^2/NDF : 915.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.483+/-0.142 χ^2/NDF : 1839.2/28

- 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: 0.068 $\pm$ 0.010 χ^2 /NDF:368.5/14

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

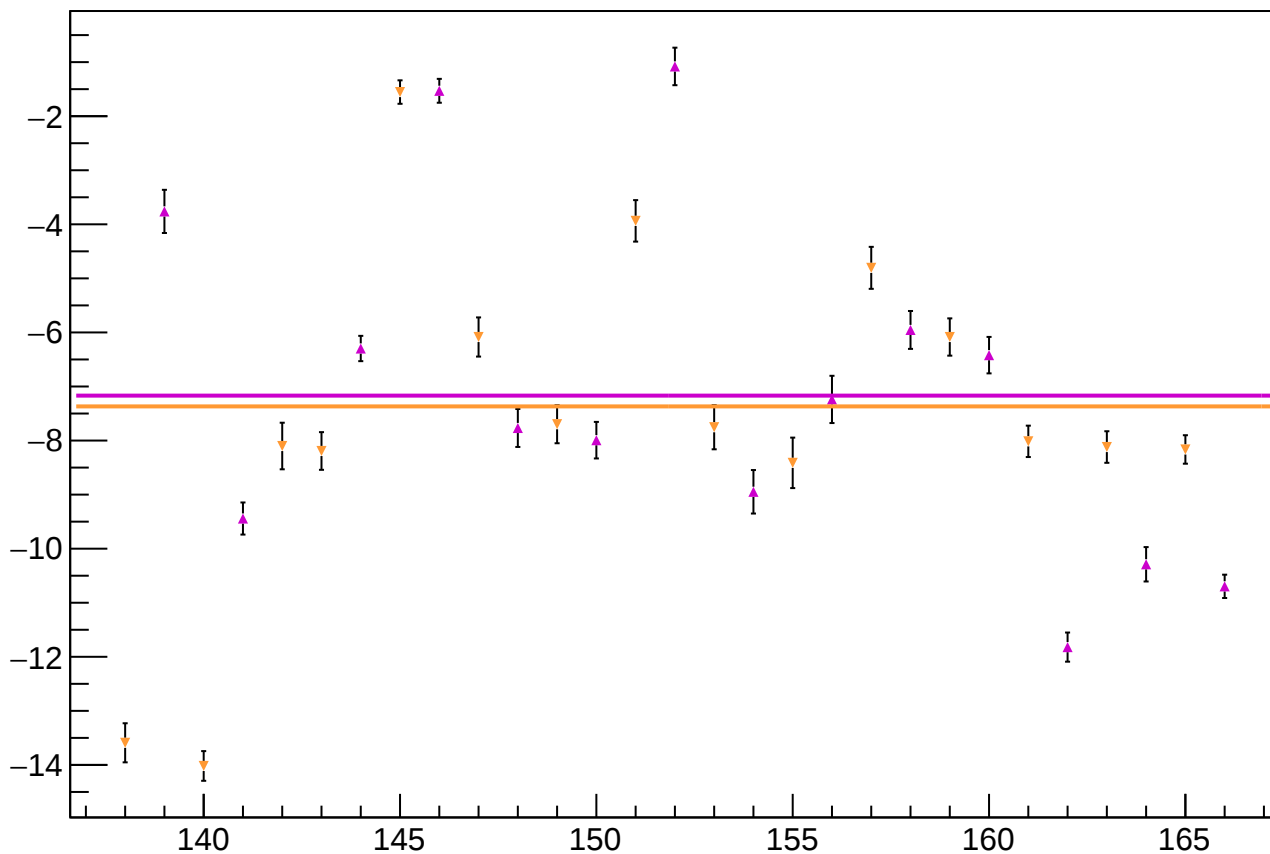
Left In: 0.049 $\pm$ 0.010 χ^2 /NDF:545.3/13

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

All: 0.058 $\pm$ 0.007 χ^2 /NDF: 915.6/28

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

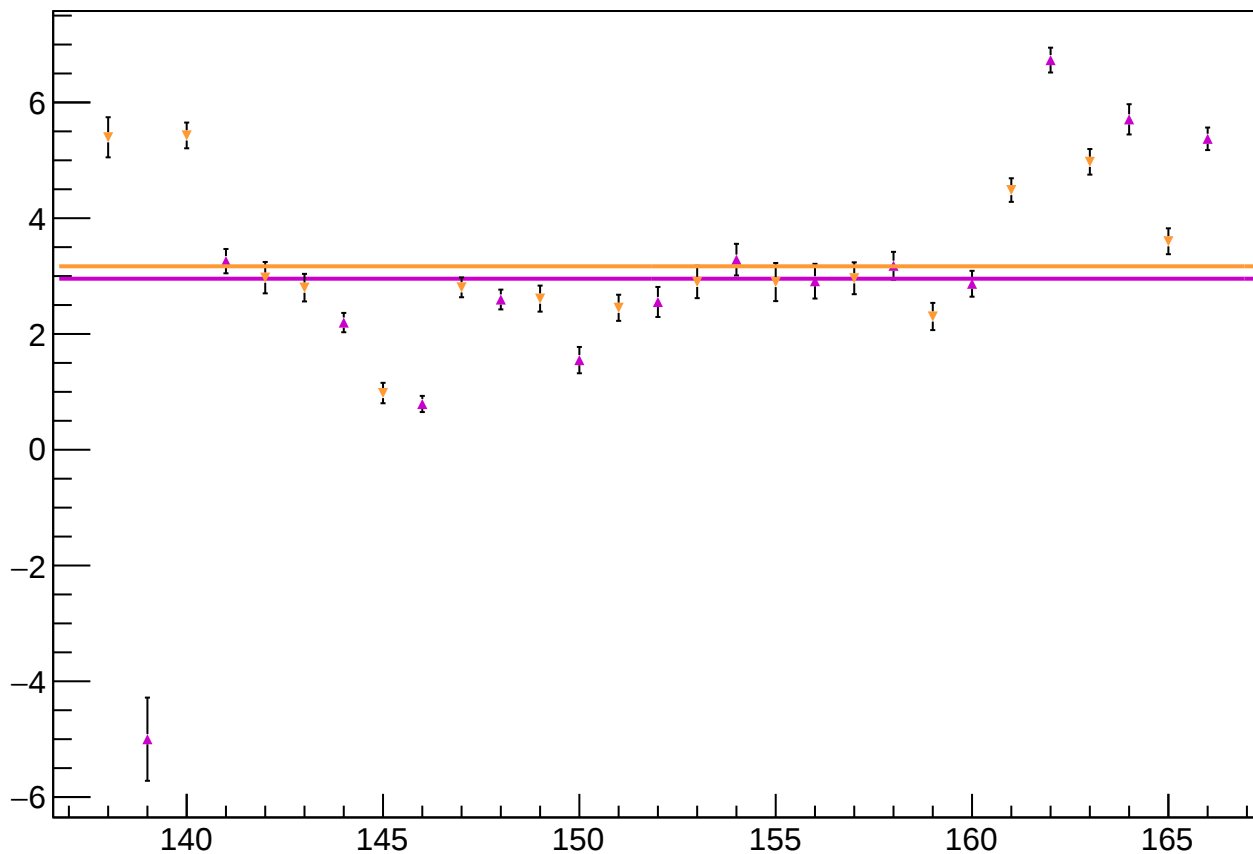
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -7.368 ± 0.084 χ^2/NDF : 1786.6/14
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -7.169 ± 0.080 χ^2/NDF : 1811.6/13

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -7.264 ± 0.058 χ^2/NDF : 3601.2/28
 - sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

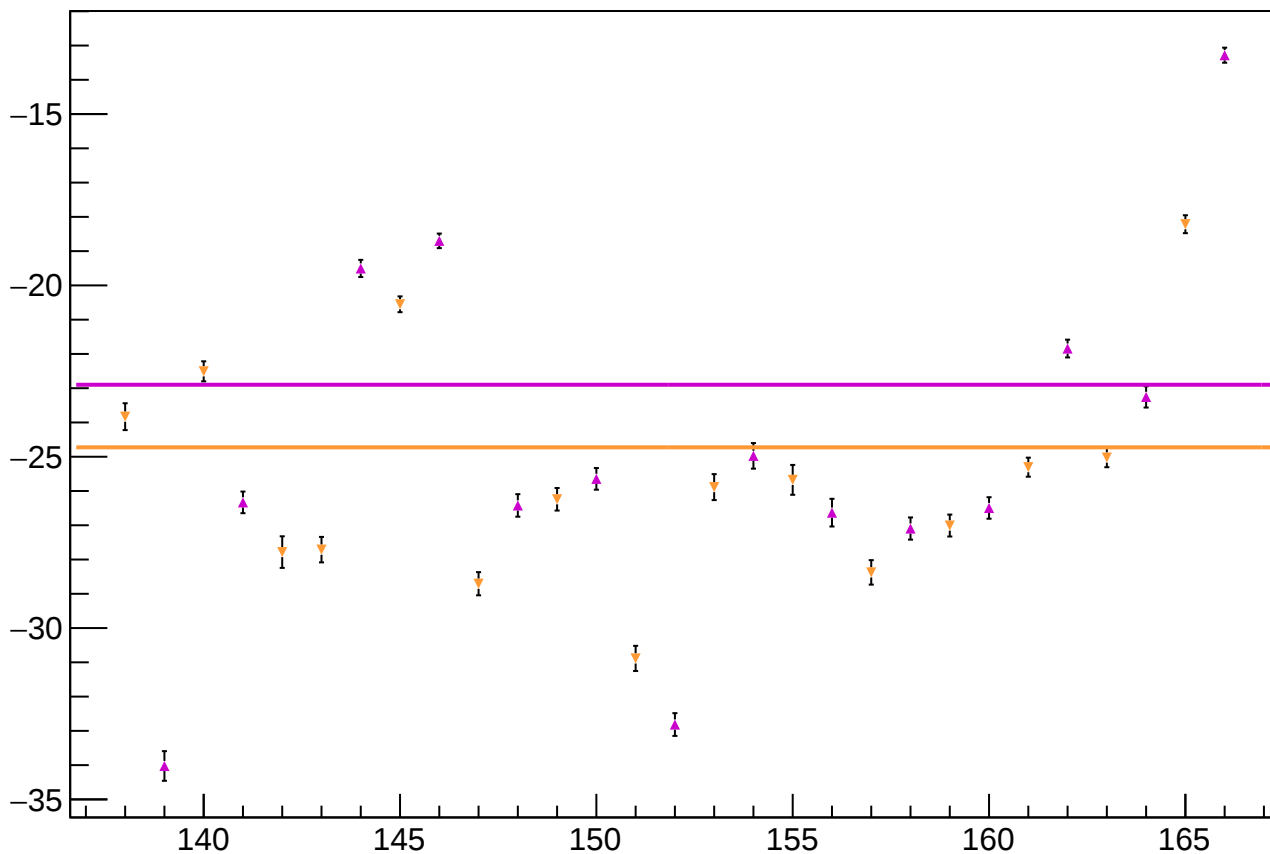
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.169 $\pm$ 0.059 χ^2 /NDF:450.5/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.955 $\pm$ 0.057 χ^2 /NDF:1008.3/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.058 $\pm$ 0.041 χ^2 /NDF: 1465.6/28
 - 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: -24.726 $\pm$ 0.083 χ^2 /NDF:1734.5/14

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

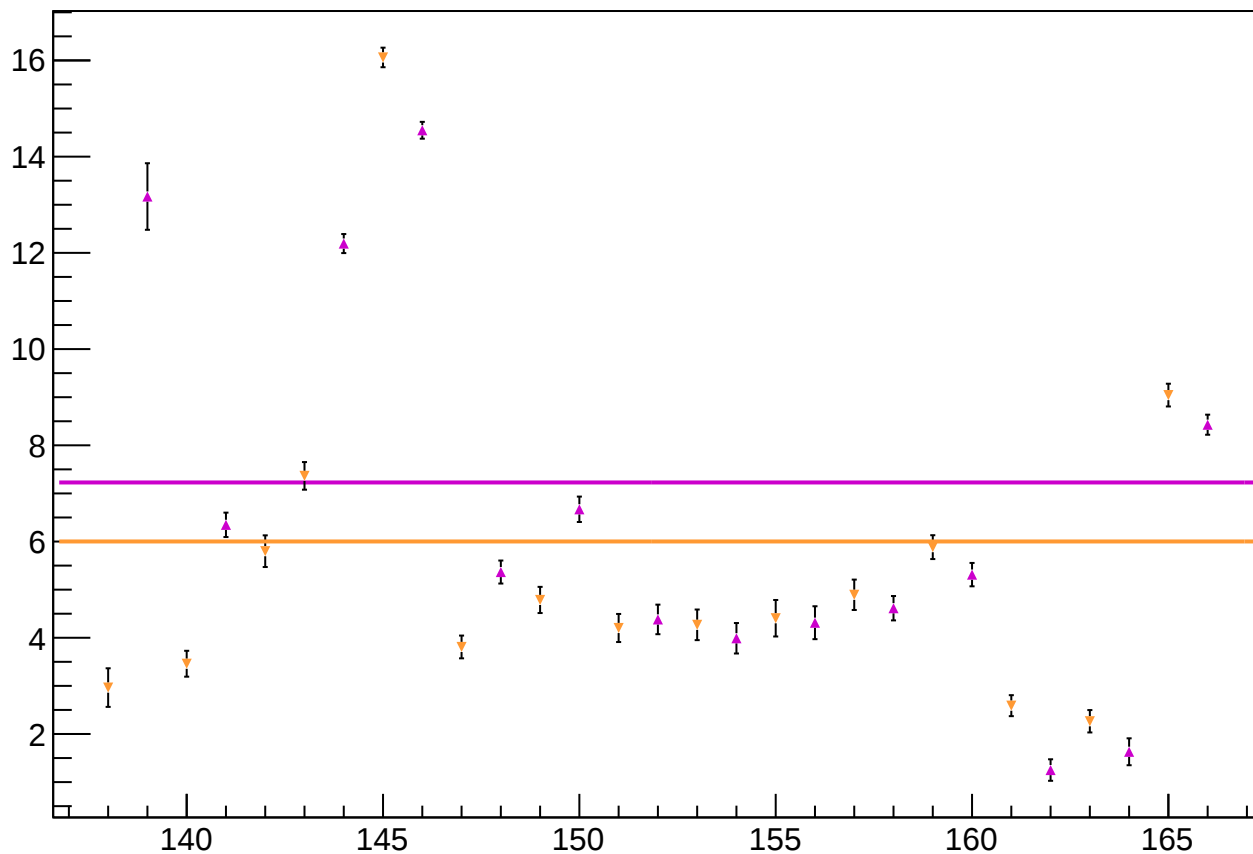
Left In: -22.899 $\pm$ 0.079 χ^2 /NDF:4784.2/13

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

All: -23.764 $\pm$ 0.057 χ^2 /NDF: 6772.3/28

- 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: 6.002 $\pm$ 0.069 χ^2 /NDF:3492.4/14

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

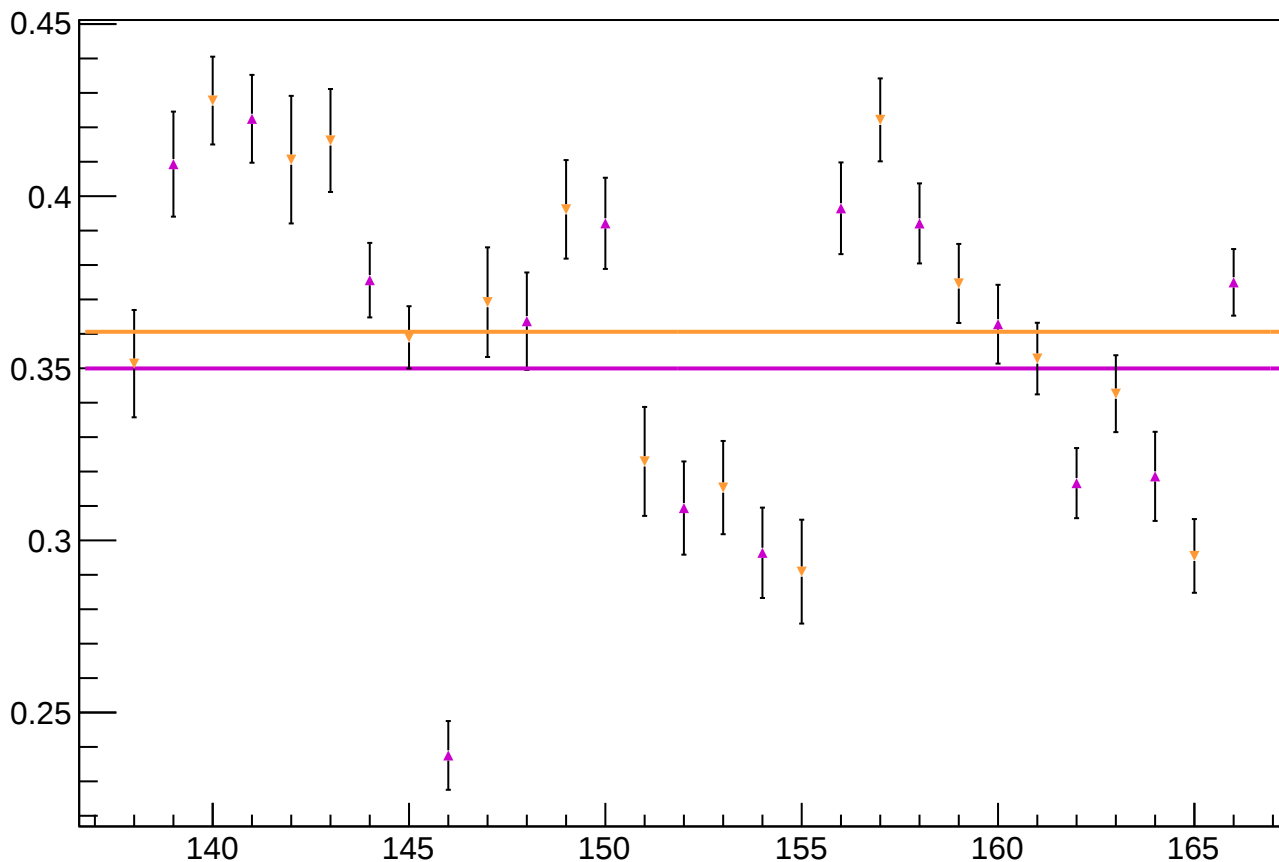
Left In: 7.228 $\pm$ 0.067 χ^2 /NDF:4112.4/13

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

All: 6.637 $\pm$ 0.048 χ^2 /NDF: 7767.8/28

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

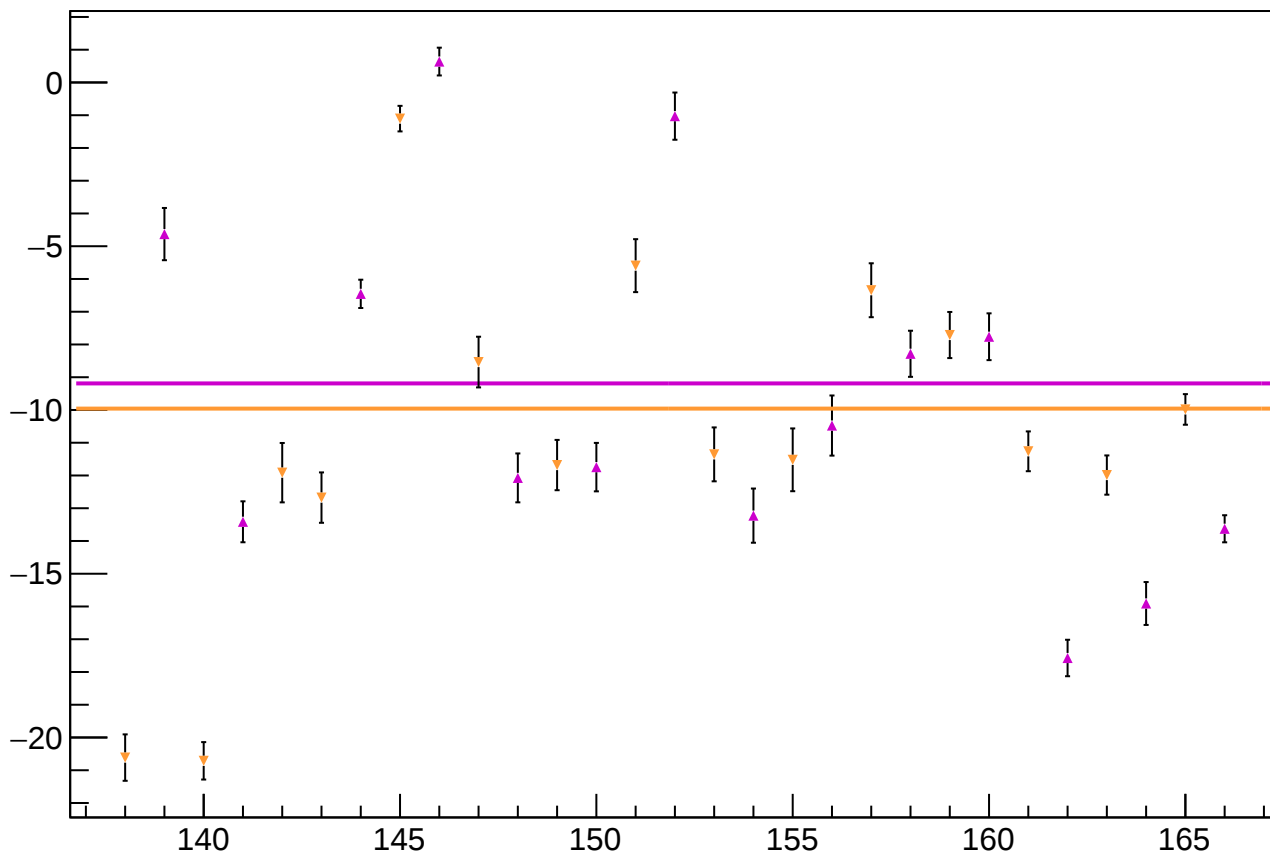
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.361 $\pm$ 0.003 χ^2 /NDF:161.5/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.350 $\pm$ 0.003 χ^2 /NDF:266.3/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.355 $\pm$ 0.002 χ^2 /NDF: 433.2/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

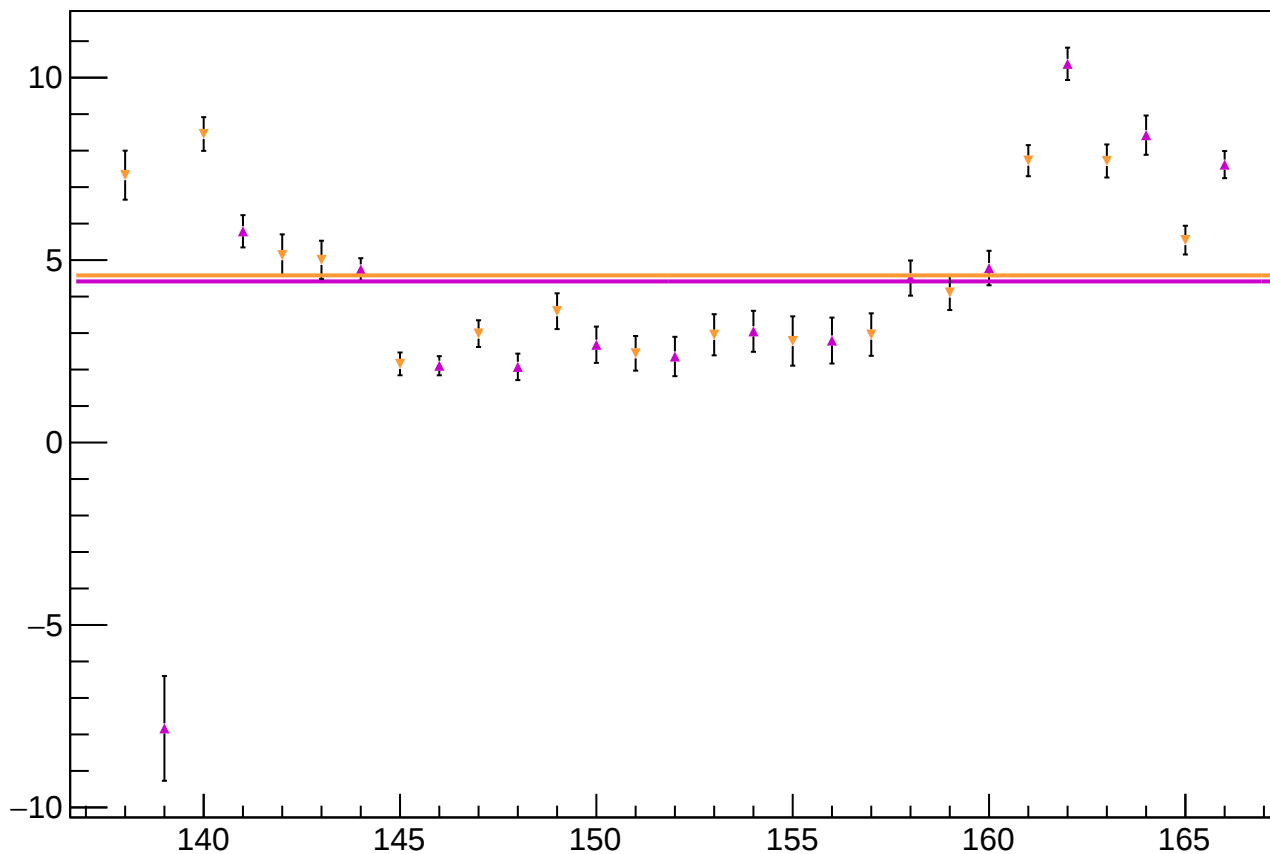
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : $0.0/0$
 Left Out: -9.958 ± 0.168 χ^2/NDF : $1201.3/14$
 Right Out: 0.000 ± 0.000 χ^2/NDF : $0.0/0$
 Left In: -9.189 ± 0.161 χ^2/NDF : $1288.8/13$

+ sign 0.000 ± 0.000 χ^2/NDF : $0.0/0$
 All: -9.558 ± 0.116 χ^2/NDF : $2501.0/28$
 - sign 0.000 ± 0.000 χ^2/NDF : $0.0/0$

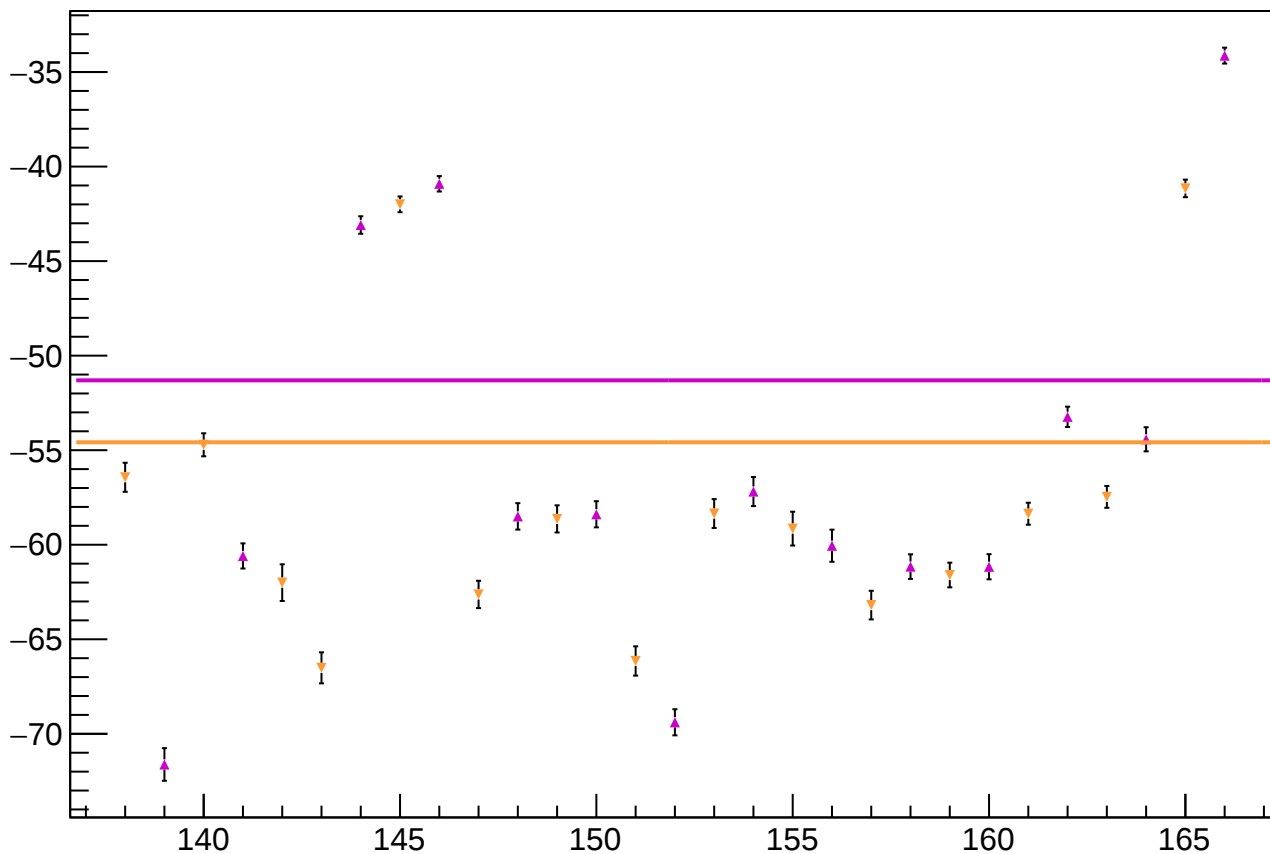
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.581 $\pm$ 0.120 χ^2 /NDF:324.6/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.416 $\pm$ 0.115 χ^2 /NDF:553.7/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.494 $\pm$ 0.083 χ^2 /NDF: 879.2/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -54.582+/-0.167 χ^2/NDF : 2768.7/14

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

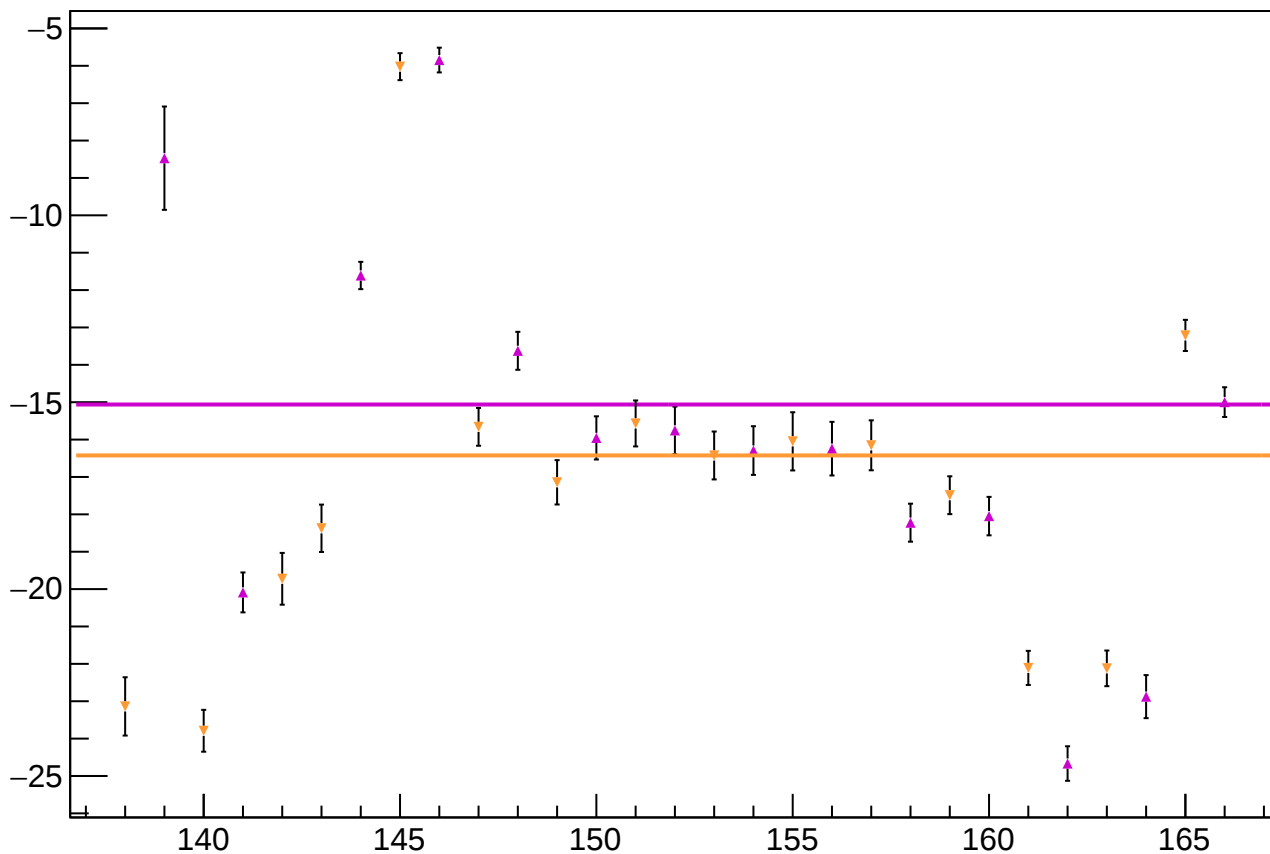
Left In: -51.306+/-0.158 χ^2/NDF : 4930.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.859+/-0.115 χ^2/NDF : 7901.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -16.424+/-0.139 χ^2/NDF :1477.9/14

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

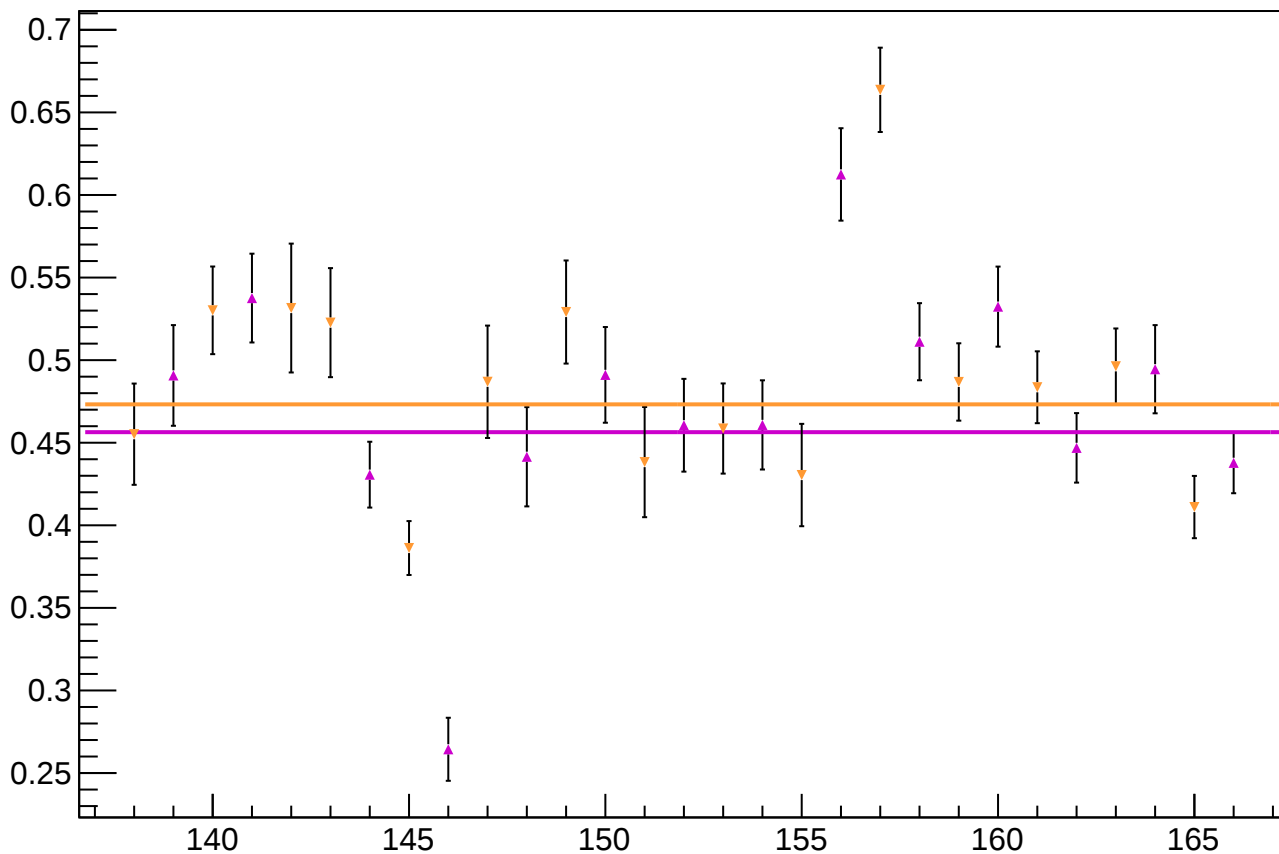
Left In: -15.062+/-0.134 χ^2/NDF :1682.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.716+/-0.096 χ^2/NDF : 3210.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

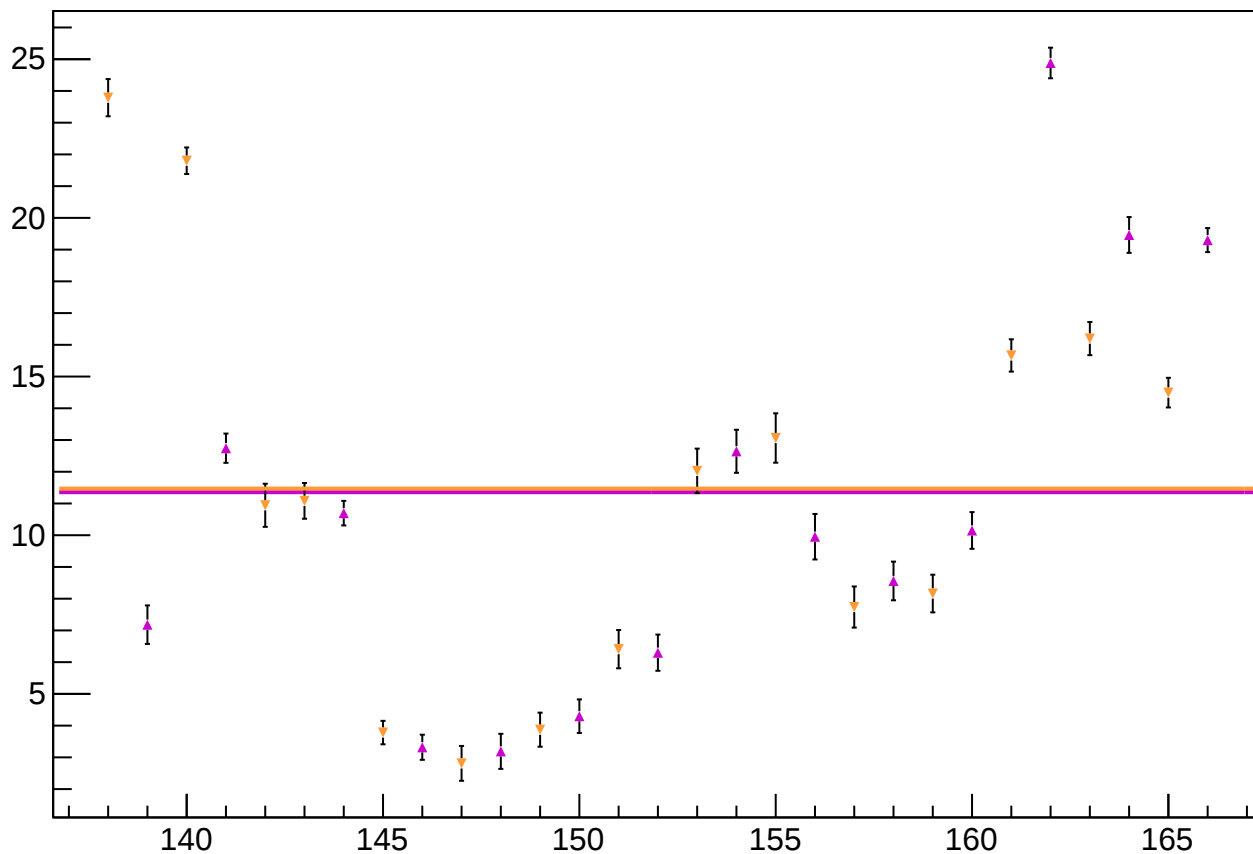
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.473 $\pm$ 0.007 χ^2 /NDF:112.6/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.456 $\pm$ 0.006 χ^2 /NDF:164.7/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.465 $\pm$ 0.005 χ^2 /NDF: 280.6/28
 - 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: 11.470+/-0.139 χ^2/NDF : 2265.3/14

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

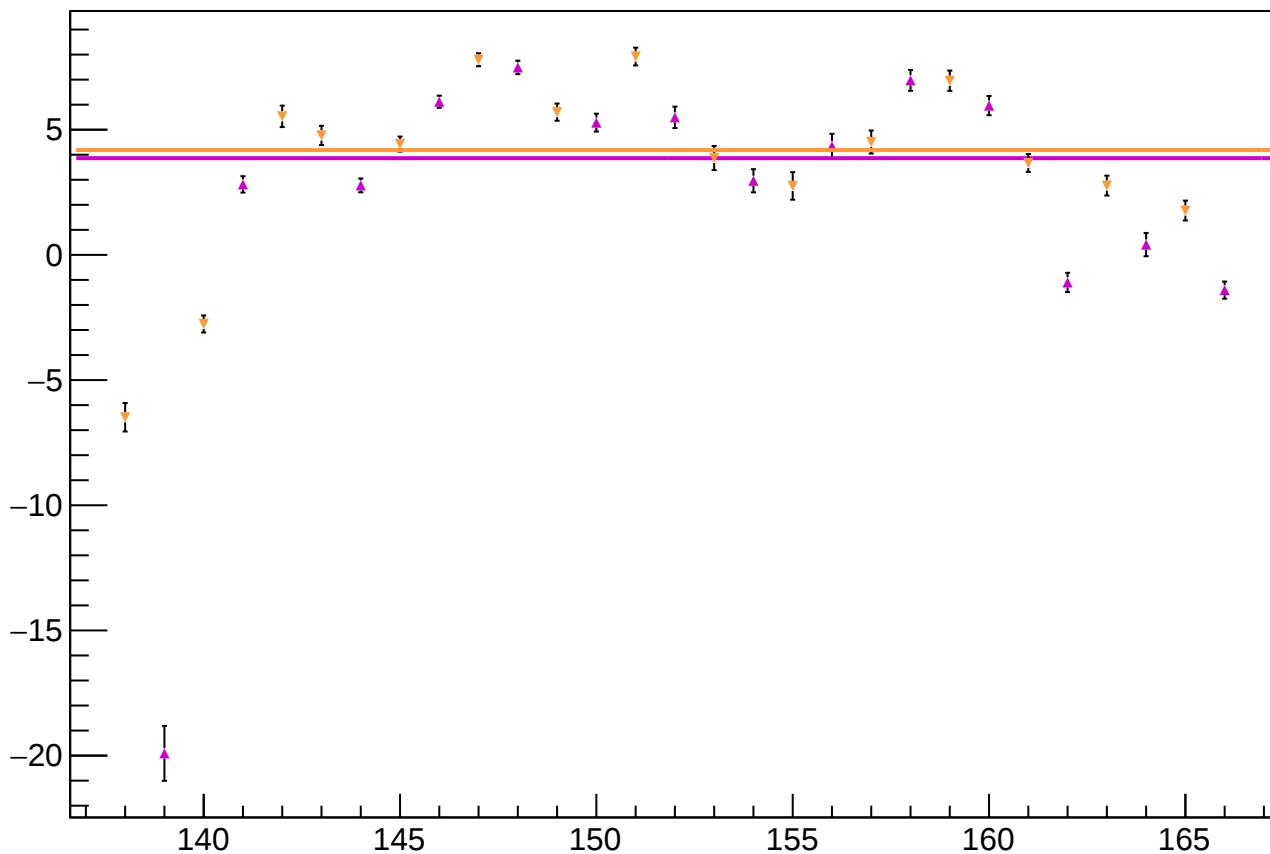
Left In: 11.356+/-0.135 χ^2/NDF : 2412.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.411+/-0.097 χ^2/NDF : 4678.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

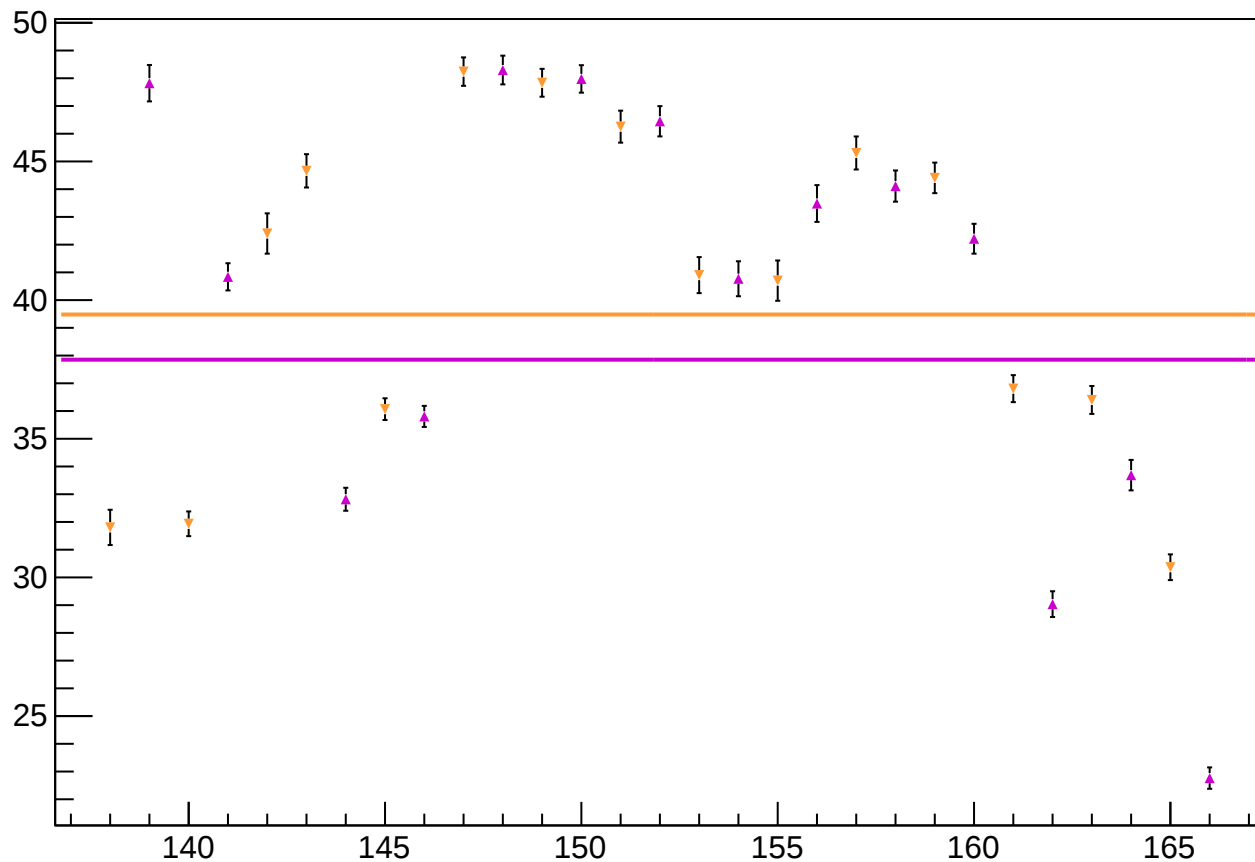
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.188 $\pm$ 0.098 χ^2 /NDF:1210.7/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.864 $\pm$ 0.096 χ^2 /NDF:1343.5/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.023 $\pm$ 0.068 χ^2 /NDF: 2559.8/28
 - 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 39.481+/-0.138 χ^2/NDF :1942.6/14

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

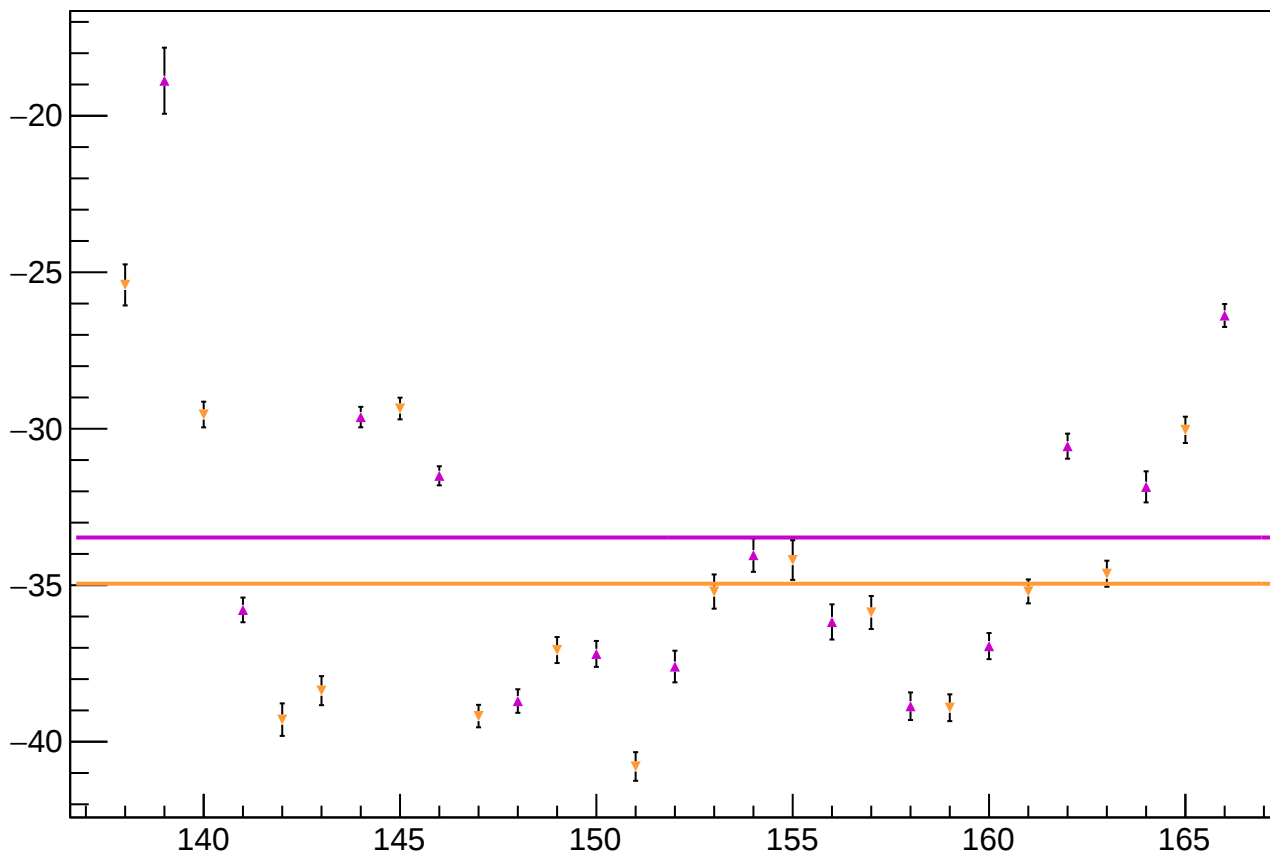
Left In: 37.852+/-0.133 χ^2/NDF :3746.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.638+/-0.096 χ^2/NDF : 5761.2/28

- sign 0.000+/-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: -34.951+/-0.114 χ^2/NDF :1326.0/14

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

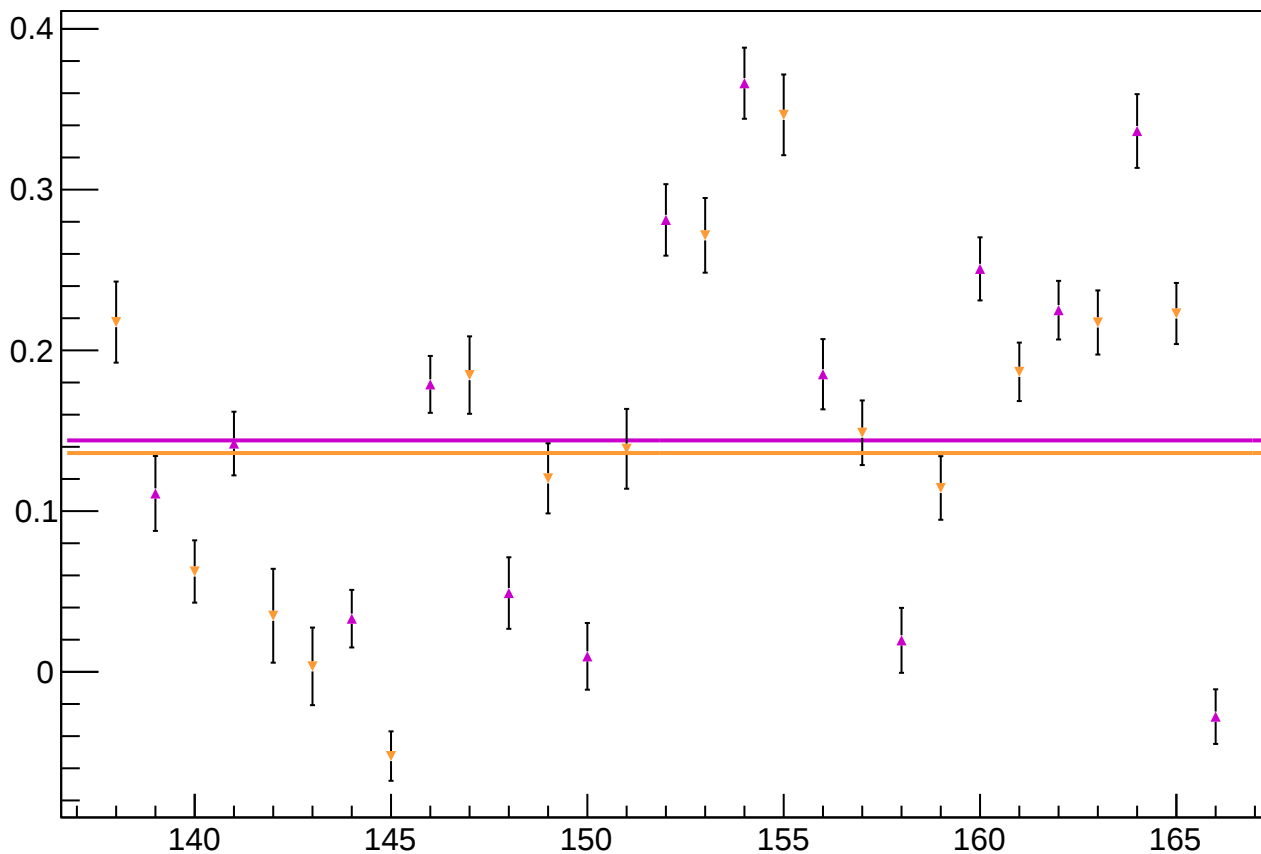
Left In: -33.475+/-0.112 χ^2/NDF :1426.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.199+/-0.080 χ^2/NDF : 2837.7/28

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.136+/-0.005 χ^2/NDF :372.9/14

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

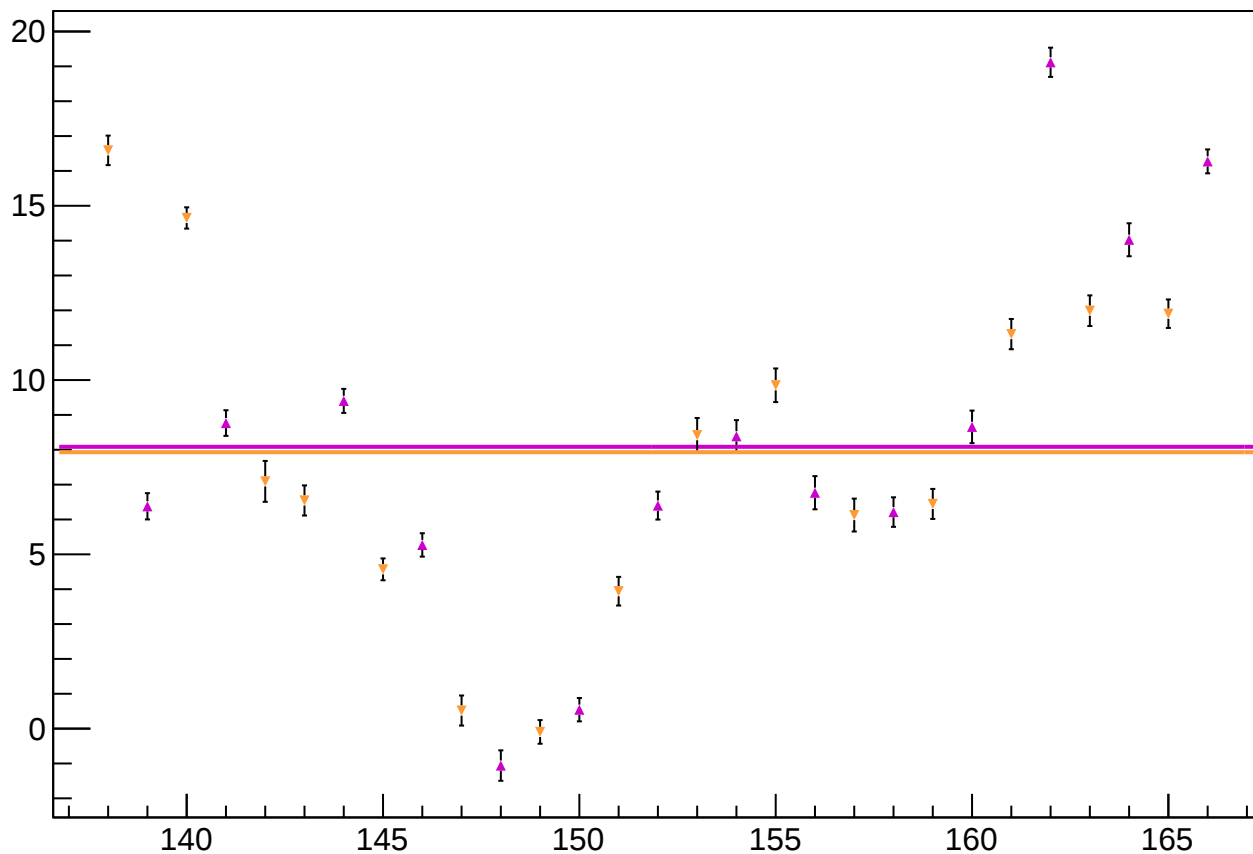
Left In: 0.144+/-0.005 χ^2/NDF :506.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.140+/-0.004 χ^2/NDF : 880.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

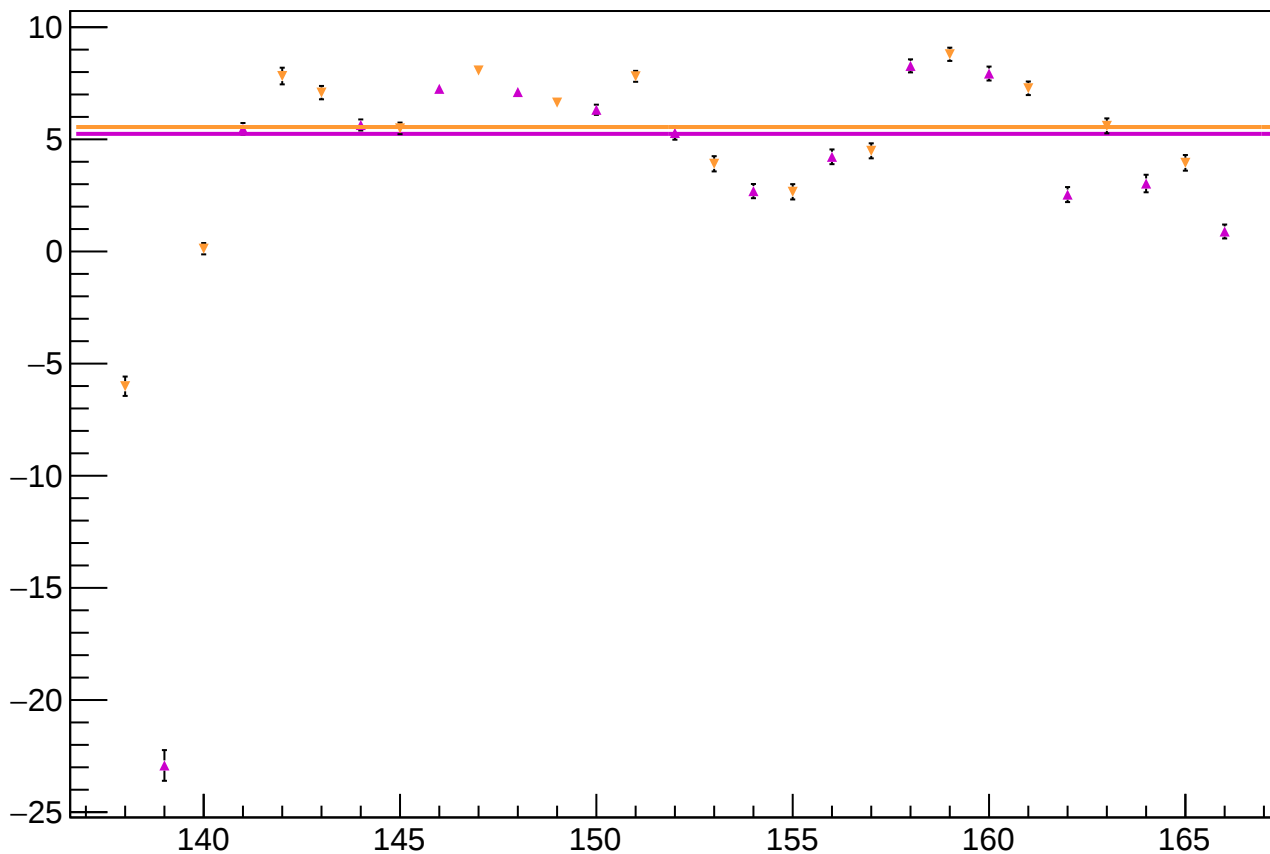
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.931+/-0.106 χ^2/NDF :2263.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.086+/-0.105 χ^2/NDF :2519.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.008+/-0.075 χ^2/NDF : 4784.0/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

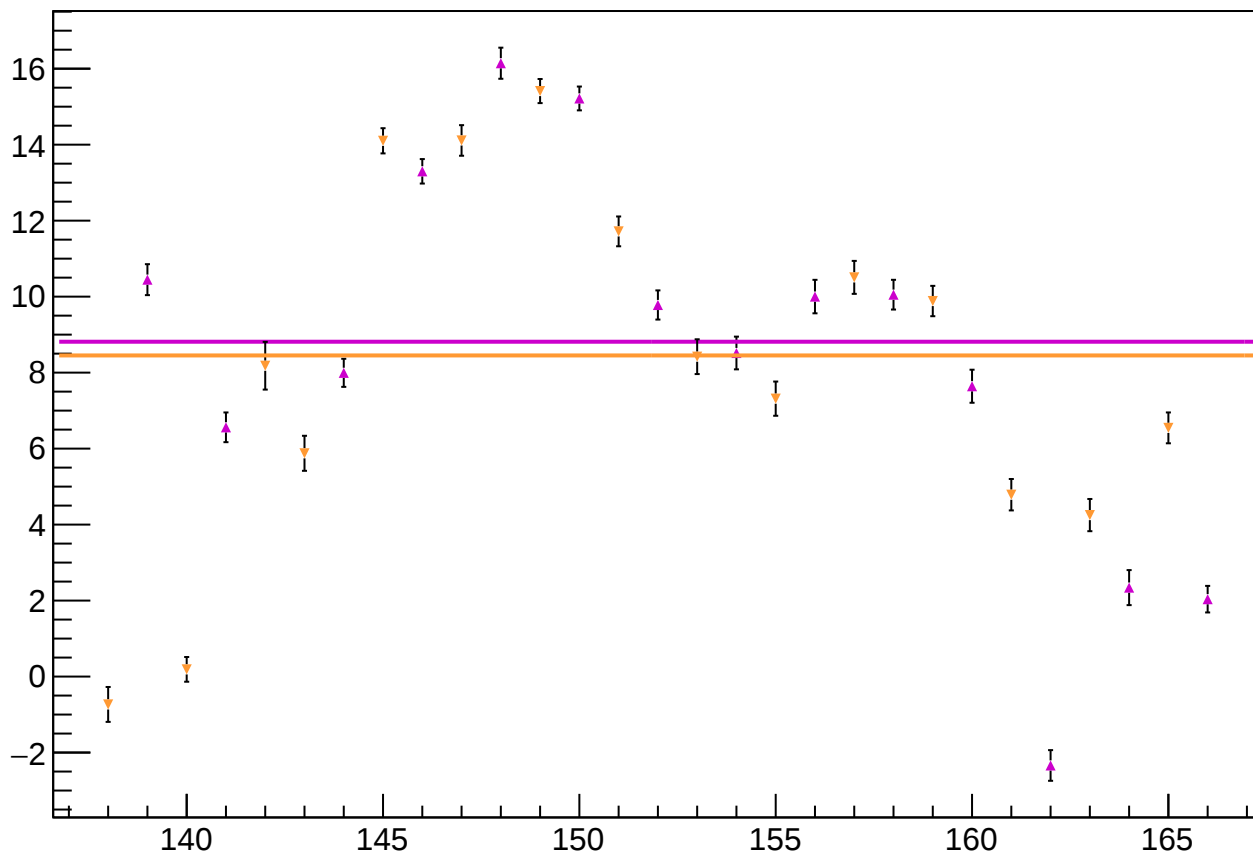
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.549 $\pm$ 0.074 χ^2 /NDF:1779.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.244 $\pm$ 0.076 χ^2 /NDF:2433.2/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.400 $\pm$ 0.053 χ^2 /NDF: 4220.9/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

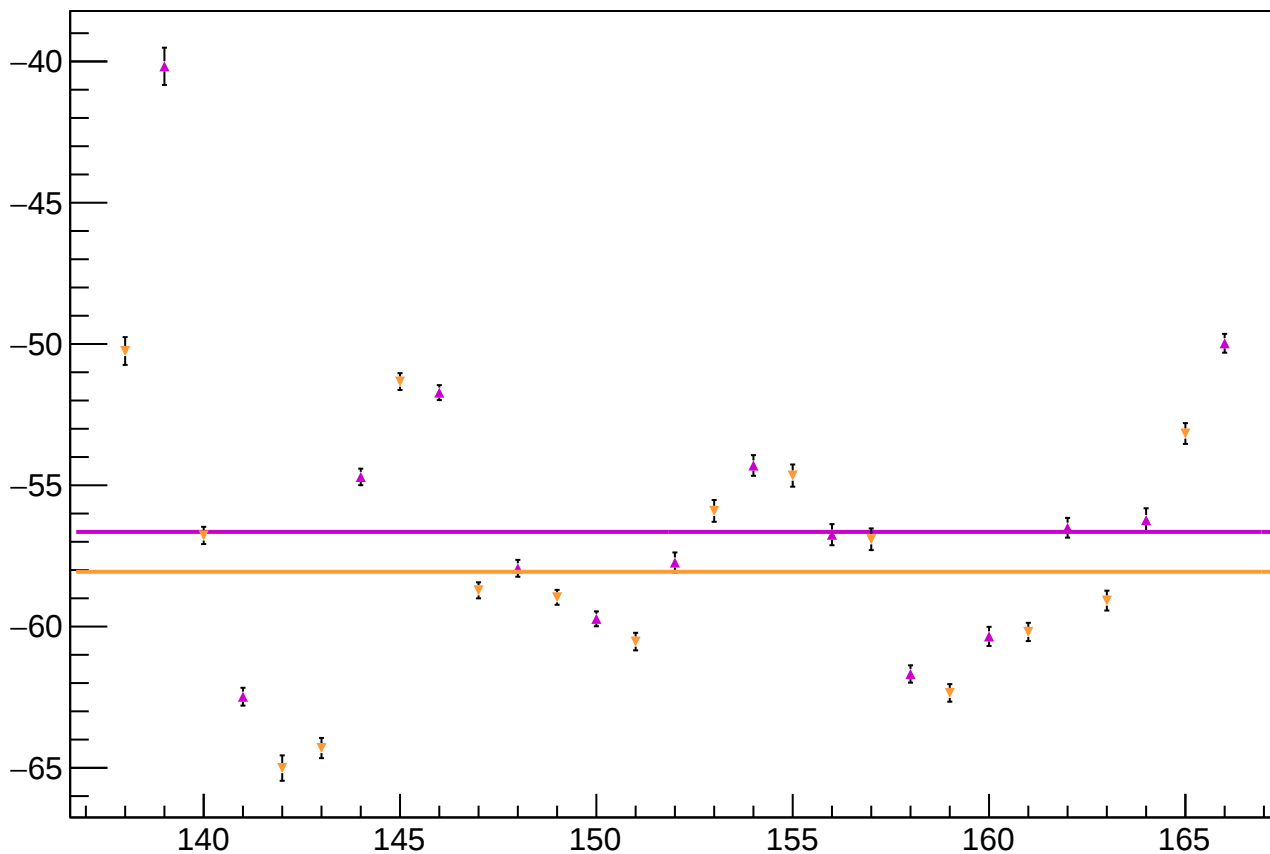
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.452 $\pm$ 0.104 χ^2 /NDF:2355.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.813 $\pm$ 0.103 χ^2 /NDF:2353.2/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 8.635 $\pm$ 0.073 χ^2 /NDF: 4714.6/28
 - 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.061+/-0.087 χ^2/NDF :1940.0/14

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

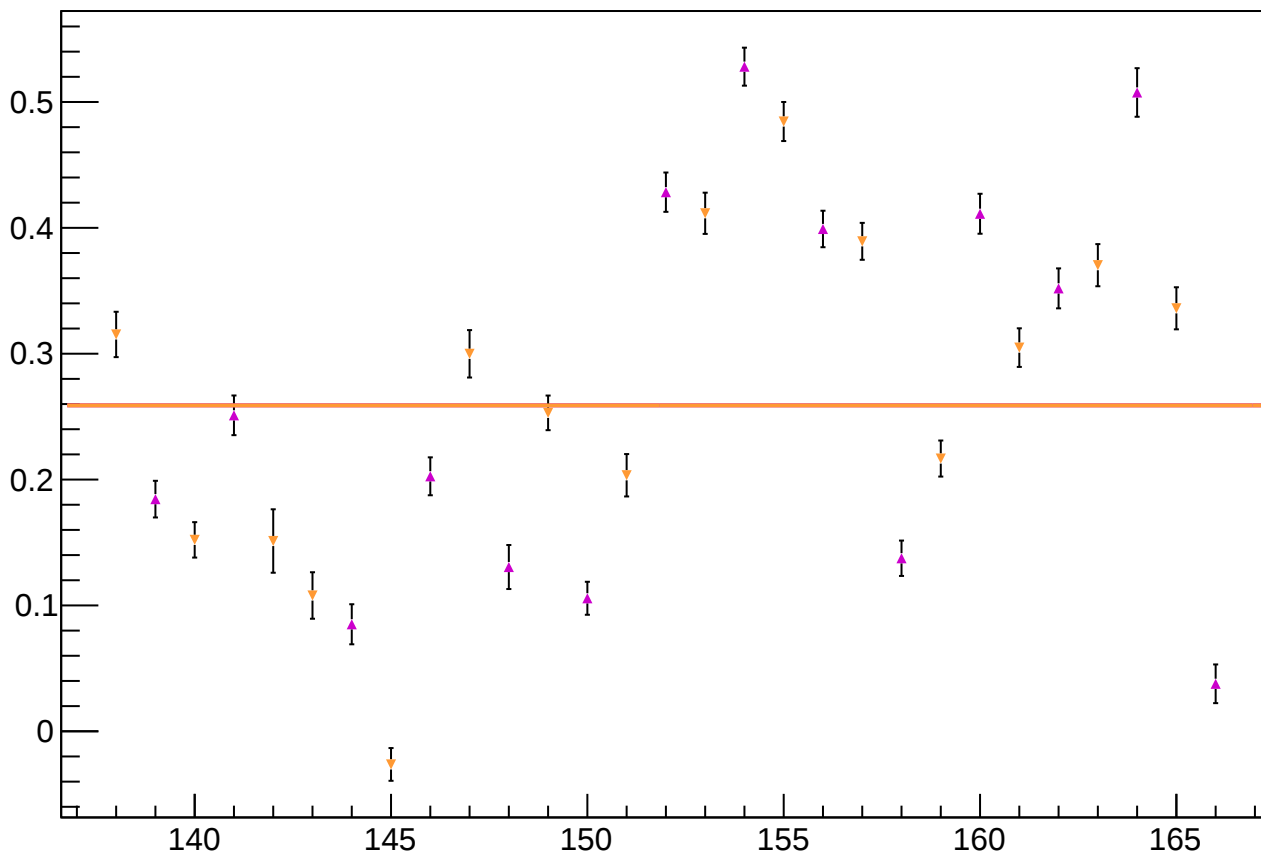
Left In: -56.650+/-0.088 χ^2/NDF :2352.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.363+/-0.062 χ^2/NDF : 4422.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

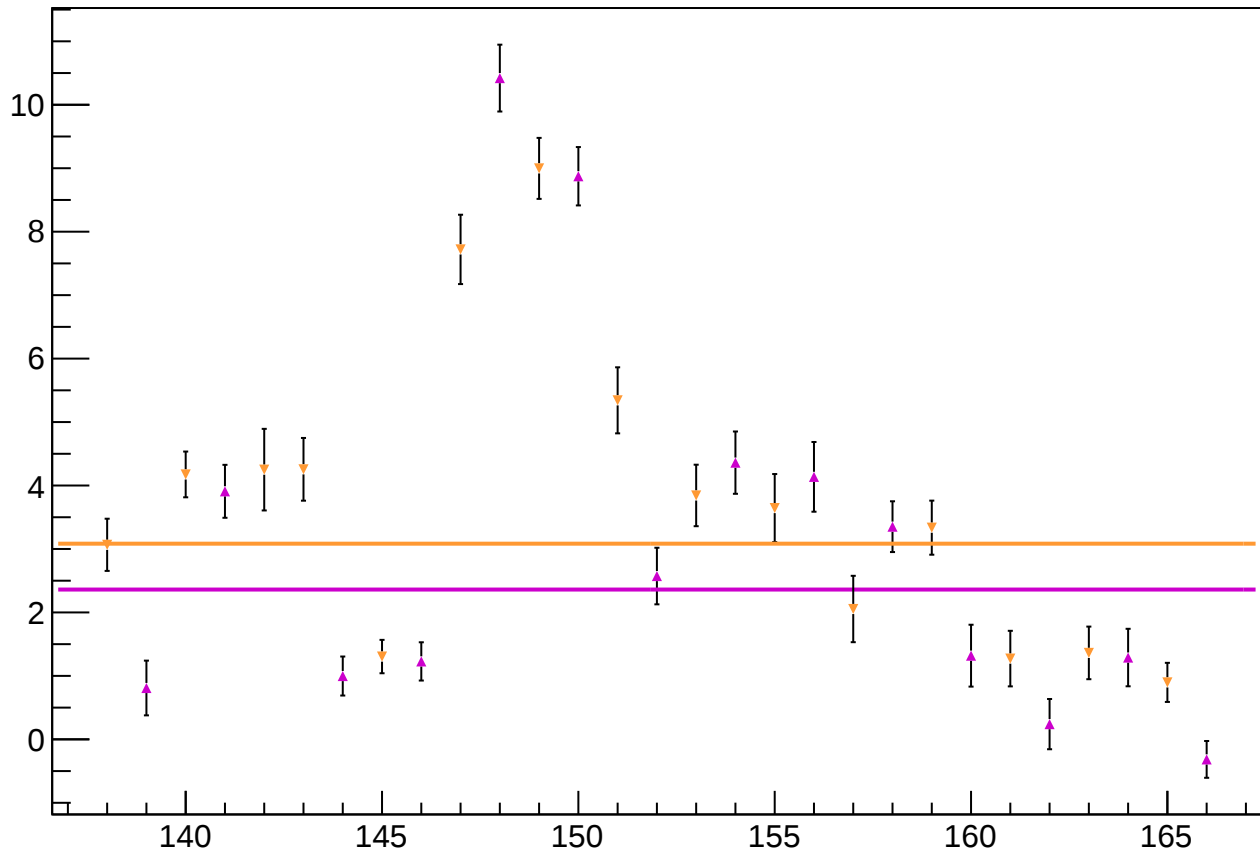
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.259 $\pm$ 0.004 χ^2 /NDF:1109.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.259 $\pm$ 0.004 χ^2 /NDF:1453.5/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.259 $\pm$ 0.003 χ^2 /NDF: 2562.8/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

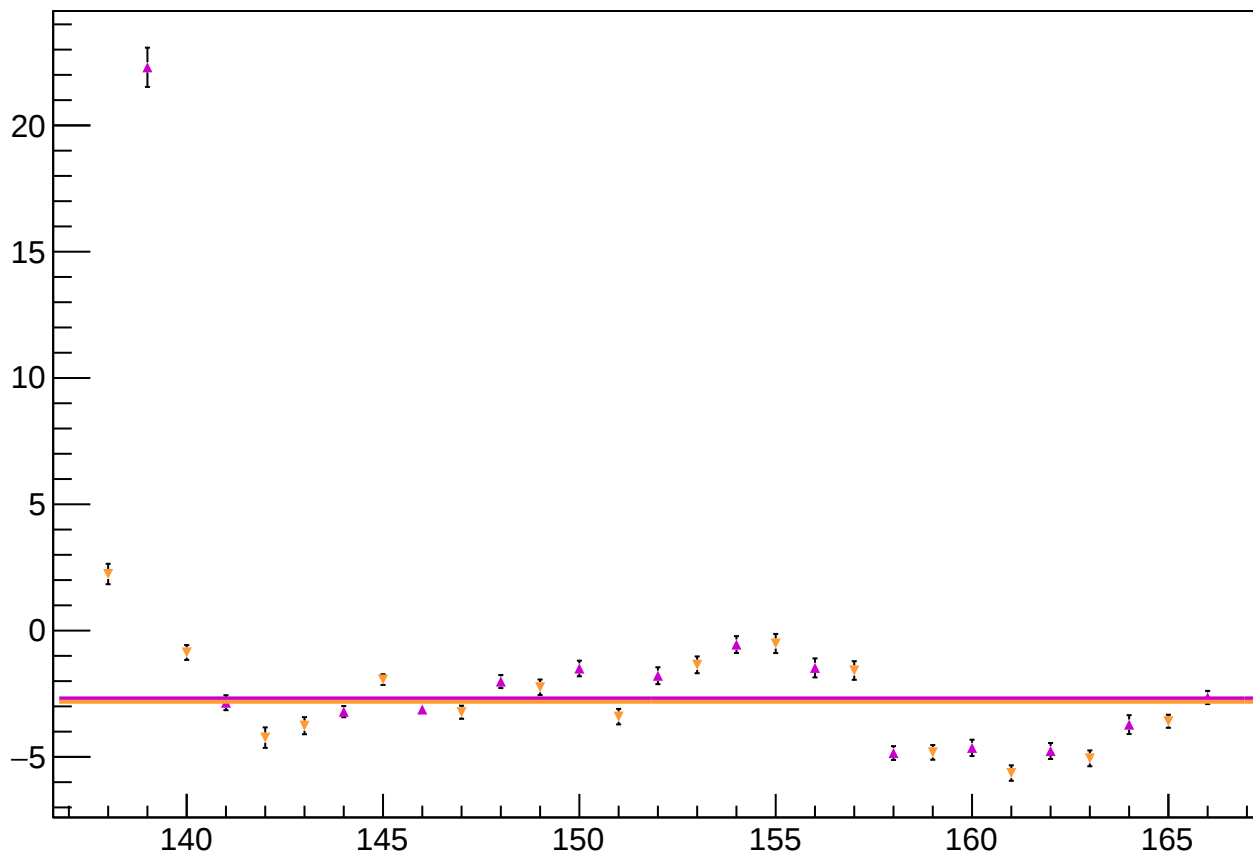
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.083 $\pm$ 0.109 χ^2 /NDF:398.6/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.361 $\pm$ 0.107 χ^2 /NDF:652.7/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.716 $\pm$ 0.076 χ^2 /NDF: 1073.7/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

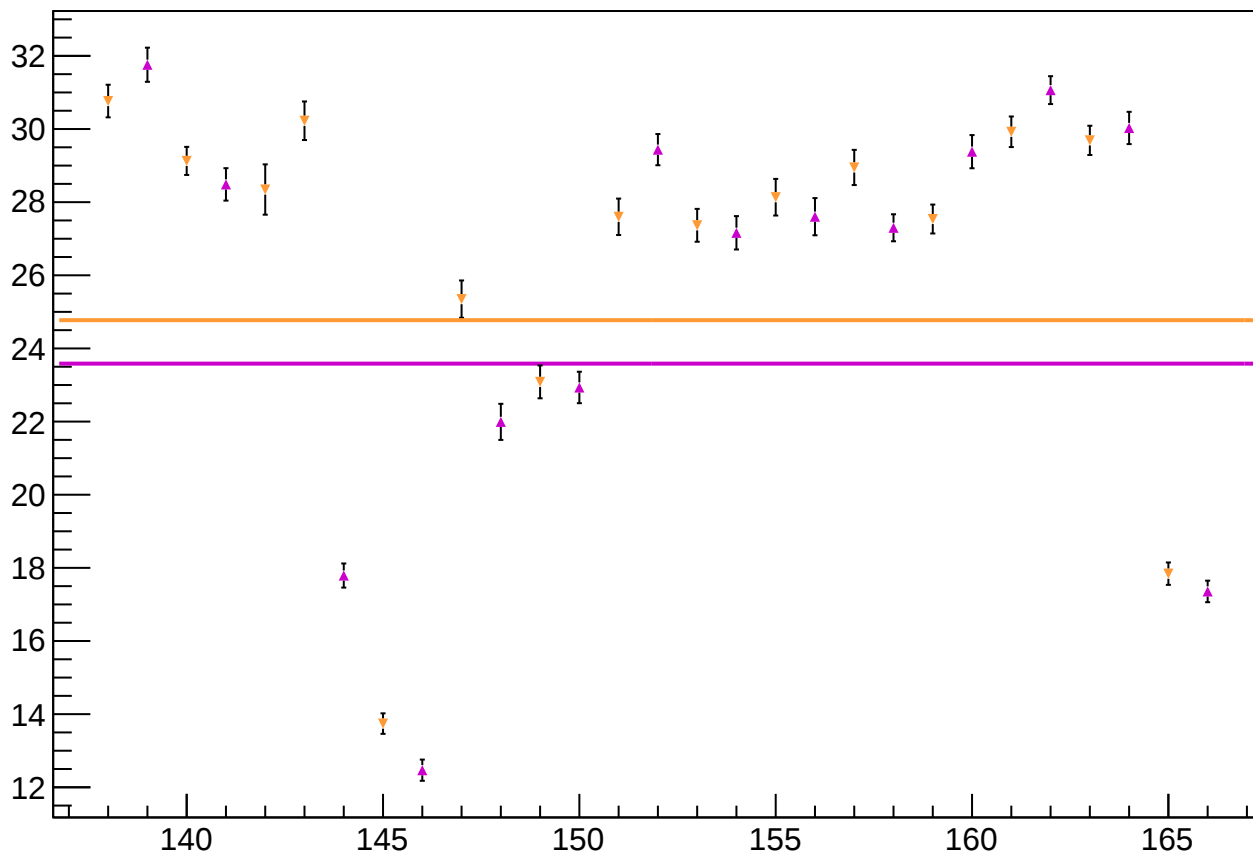
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.816 $\pm$ 0.079 χ^2 /NDF: 507.3/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.685 $\pm$ 0.078 χ^2 /NDF: 1274.0/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.749 $\pm$ 0.055 χ^2 /NDF: 1782.7/28
 - sign 0.000 $\pm$ 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: 24.773+/-0.108 χ^2/NDF : 3057.7/14

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

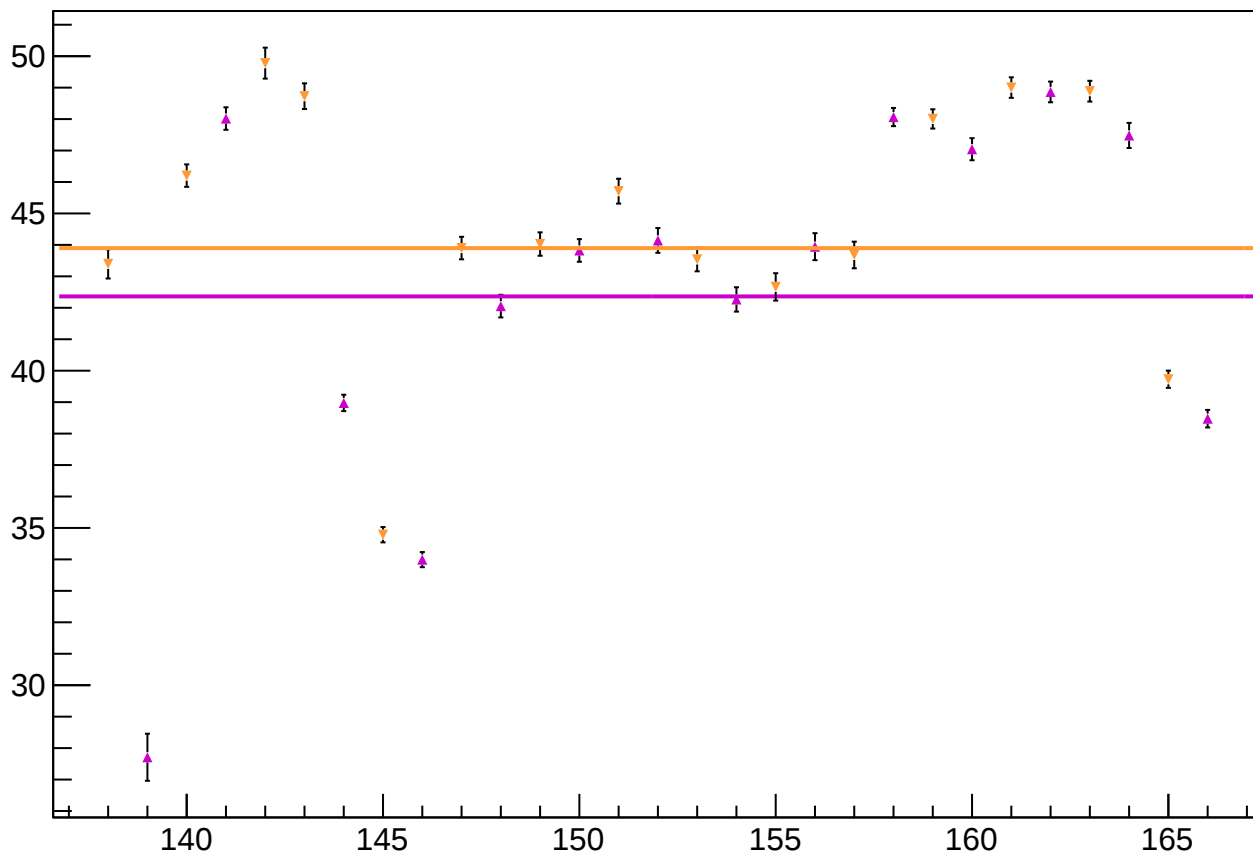
Left In: 23.585+/-0.105 χ^2/NDF : 3841.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.163+/-0.075 χ^2/NDF : 6960.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 43.897+/-0.091 χ^2/NDF :2633.9/14

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

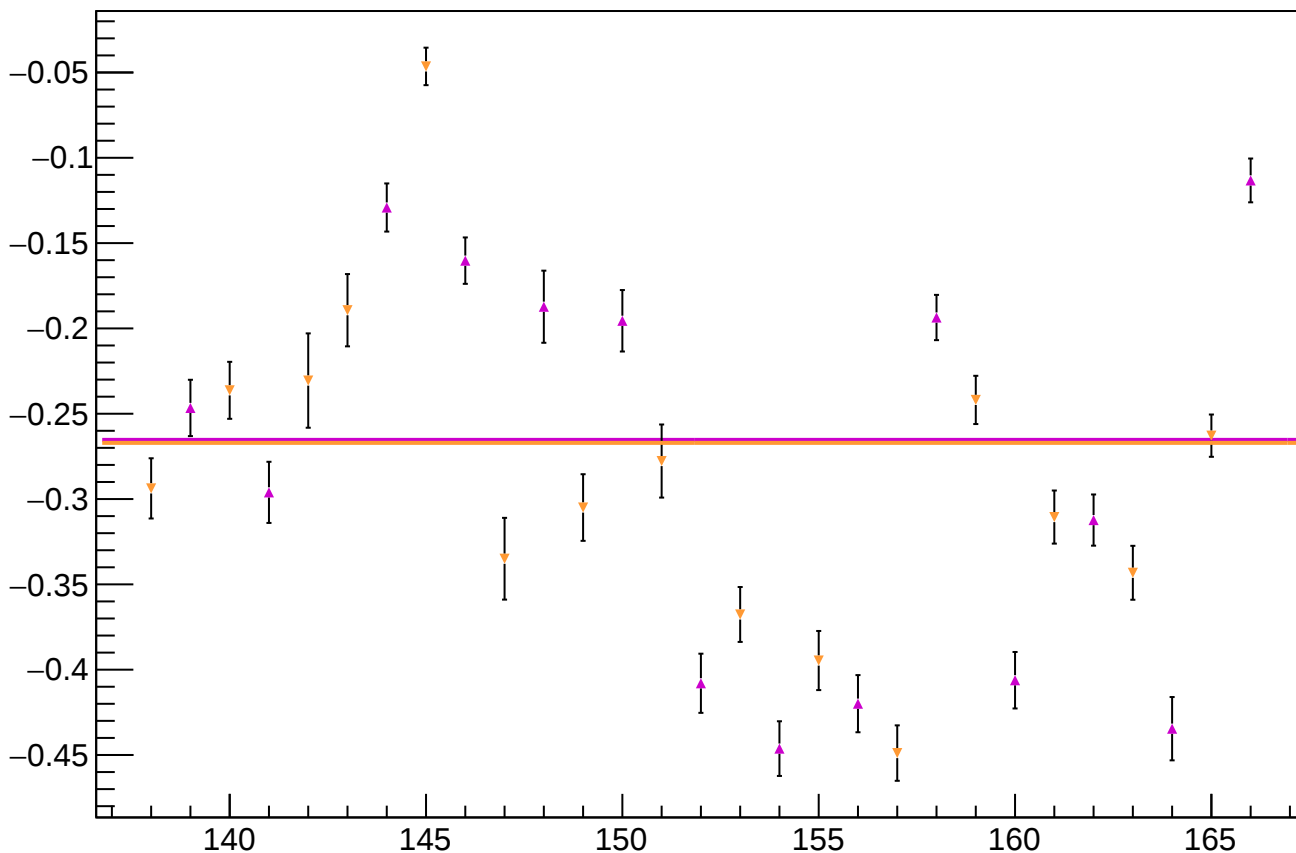
Left In: 42.362+/-0.090 χ^2/NDF :3377.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.121+/-0.064 χ^2/NDF : 6156.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.267 $\pm$ 0.004 χ^2 /NDF: 689.2/14

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

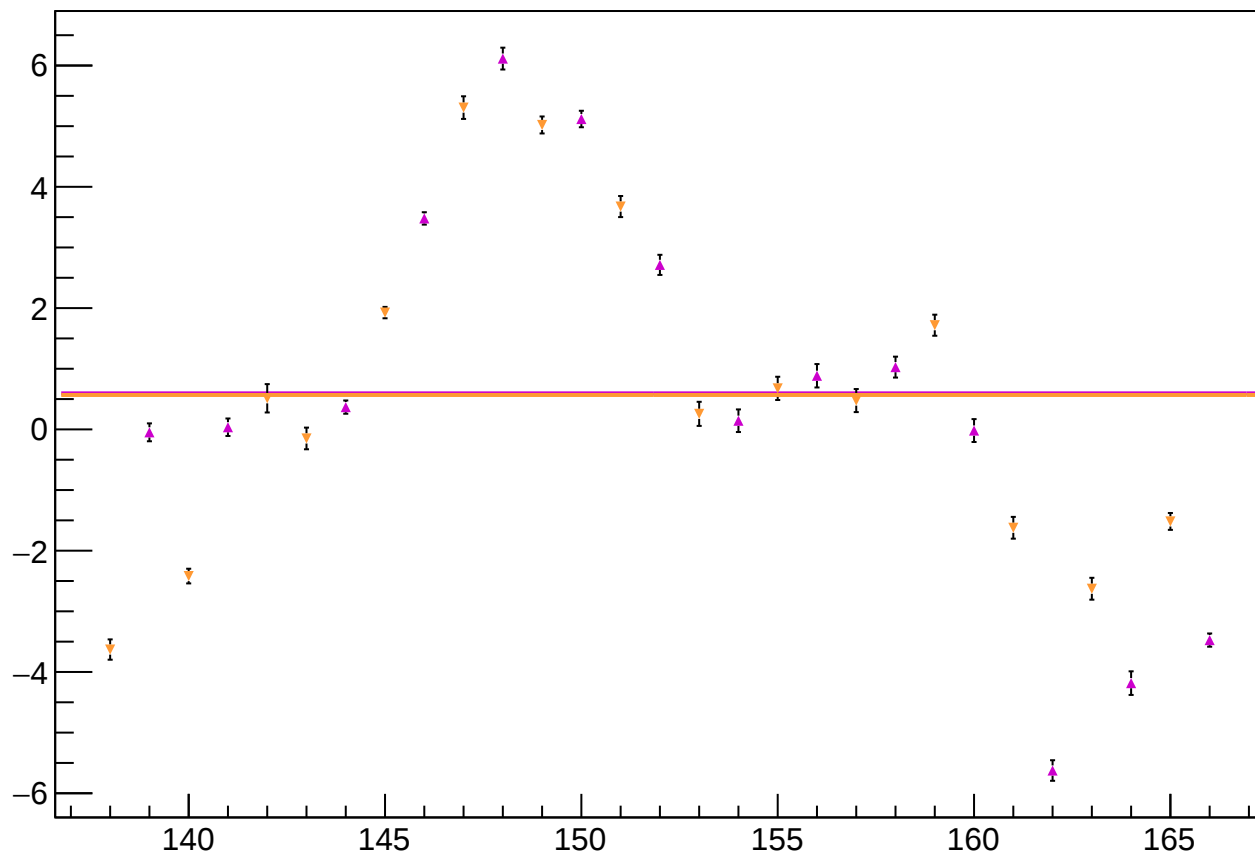
Left In: -0.265 $\pm$ 0.004 χ^2 /NDF: 801.2/13

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

All: -0.266 $\pm$ 0.003 χ^2 /NDF: 1490.5/28

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

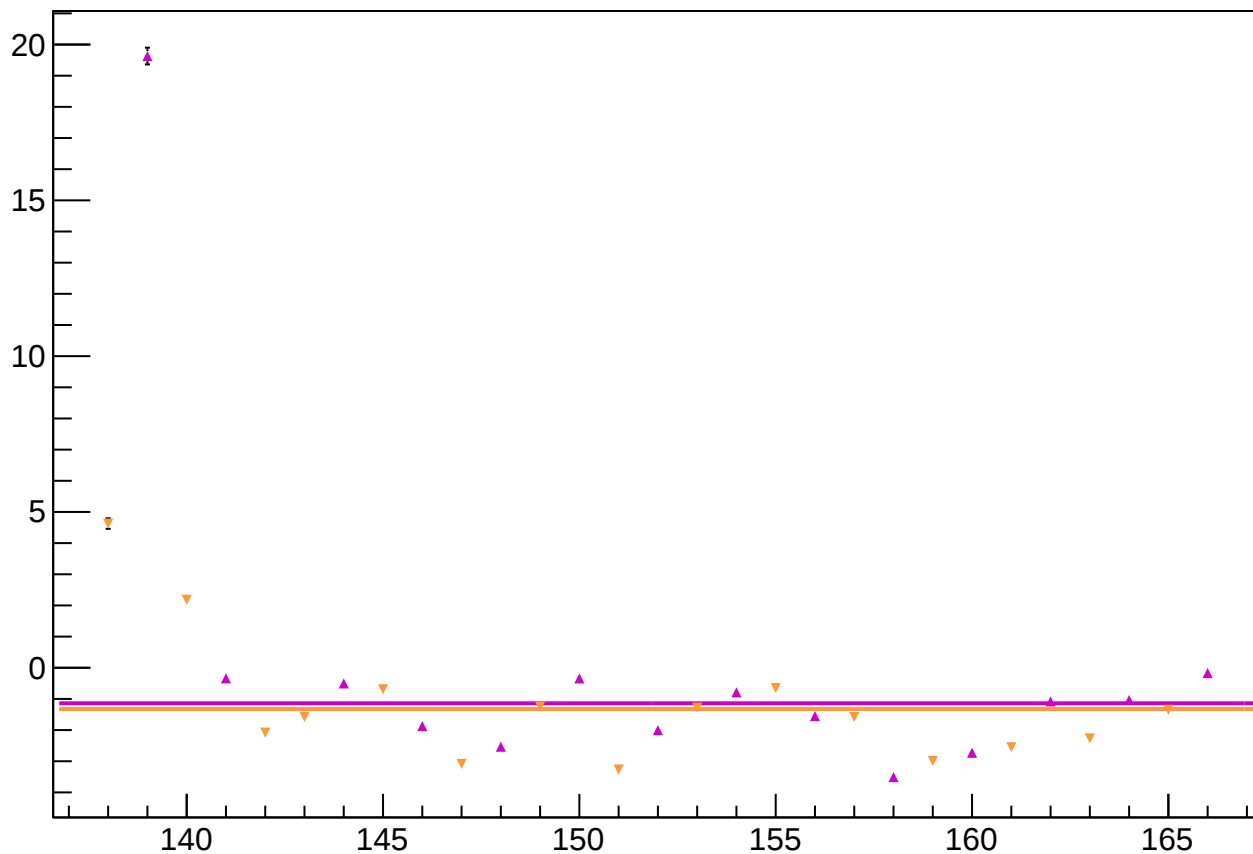
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



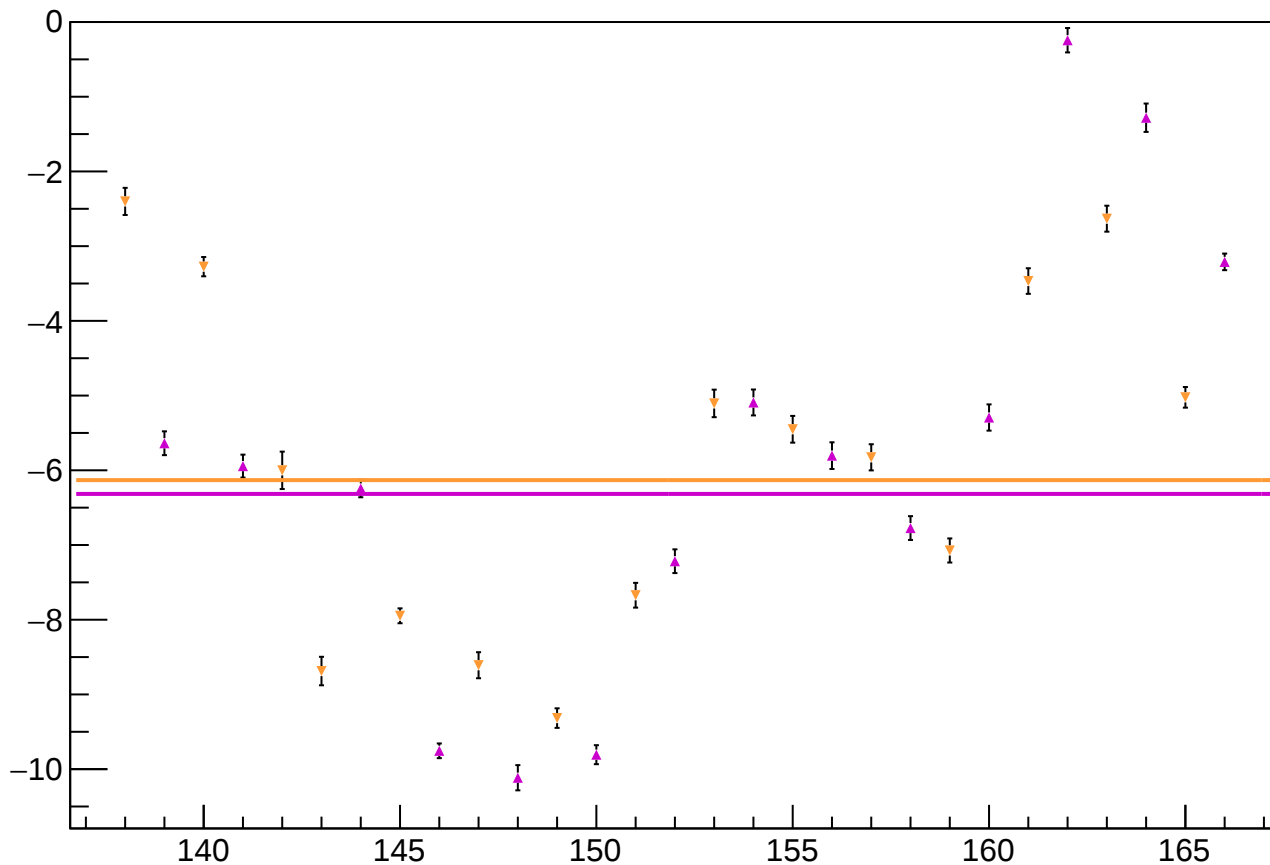
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.568 $\pm$ 0.041 χ^2 /NDF:4171.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.594 $\pm$ 0.039 χ^2 /NDF:6411.4/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.581 $\pm$ 0.028 χ^2 /NDF: 10583.4/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



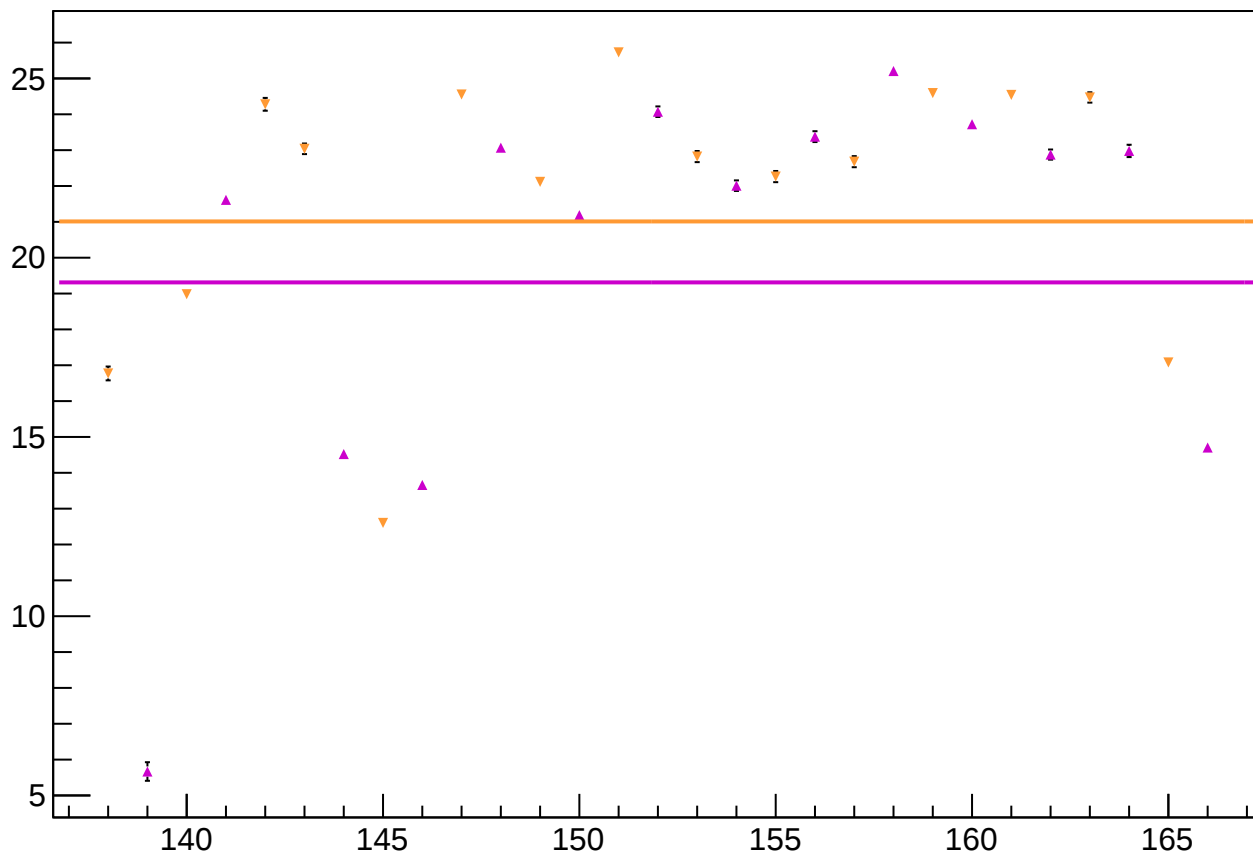
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.131+/-0.040 χ^2/NDF : 3099.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.316+/-0.038 χ^2/NDF : 5506.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.228+/-0.028 χ^2/NDF : 8616.9/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 21.012+/-0.034 χ^2/NDF : 15986.0/14

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

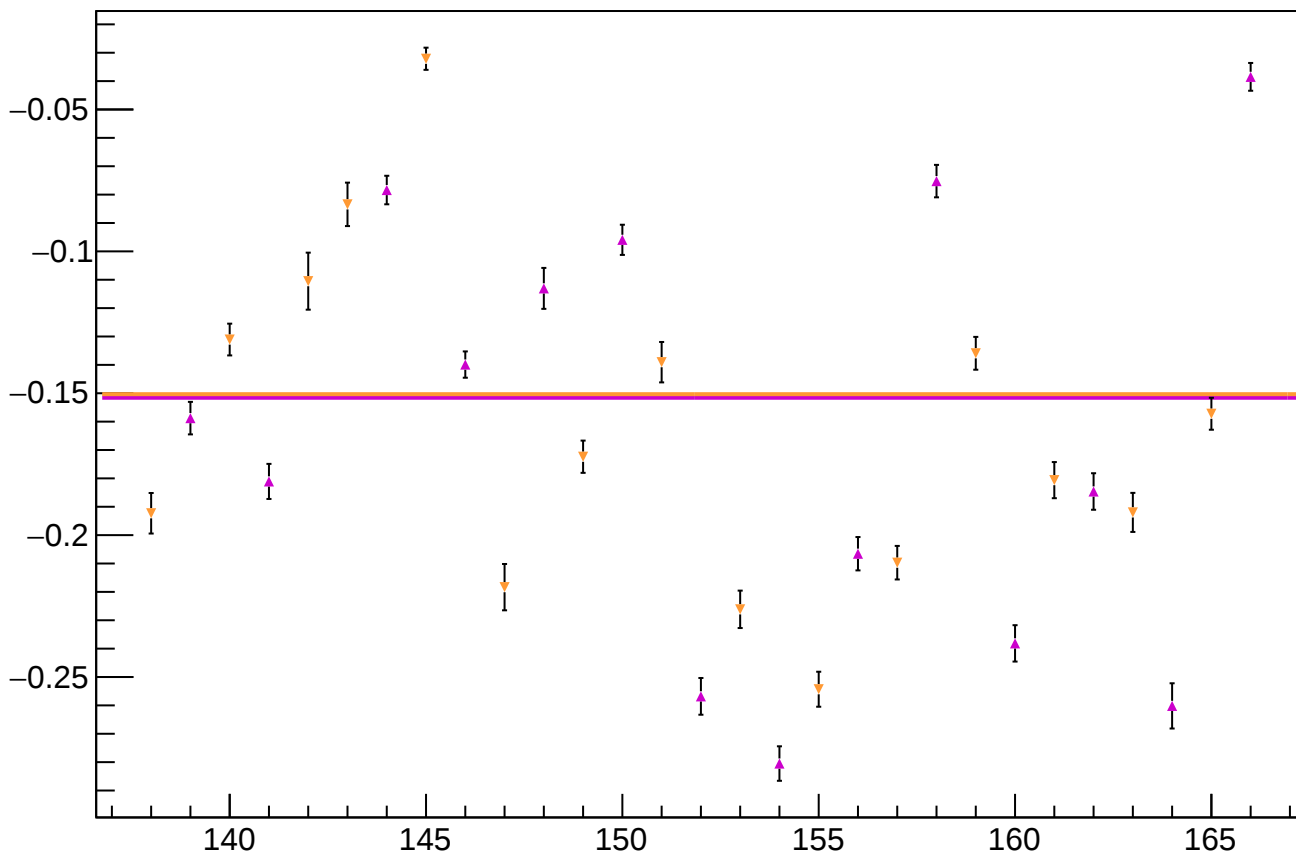
Left In: 19.311+/-0.033 χ^2/NDF : 20077.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.134+/-0.024 χ^2/NDF : 37355.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

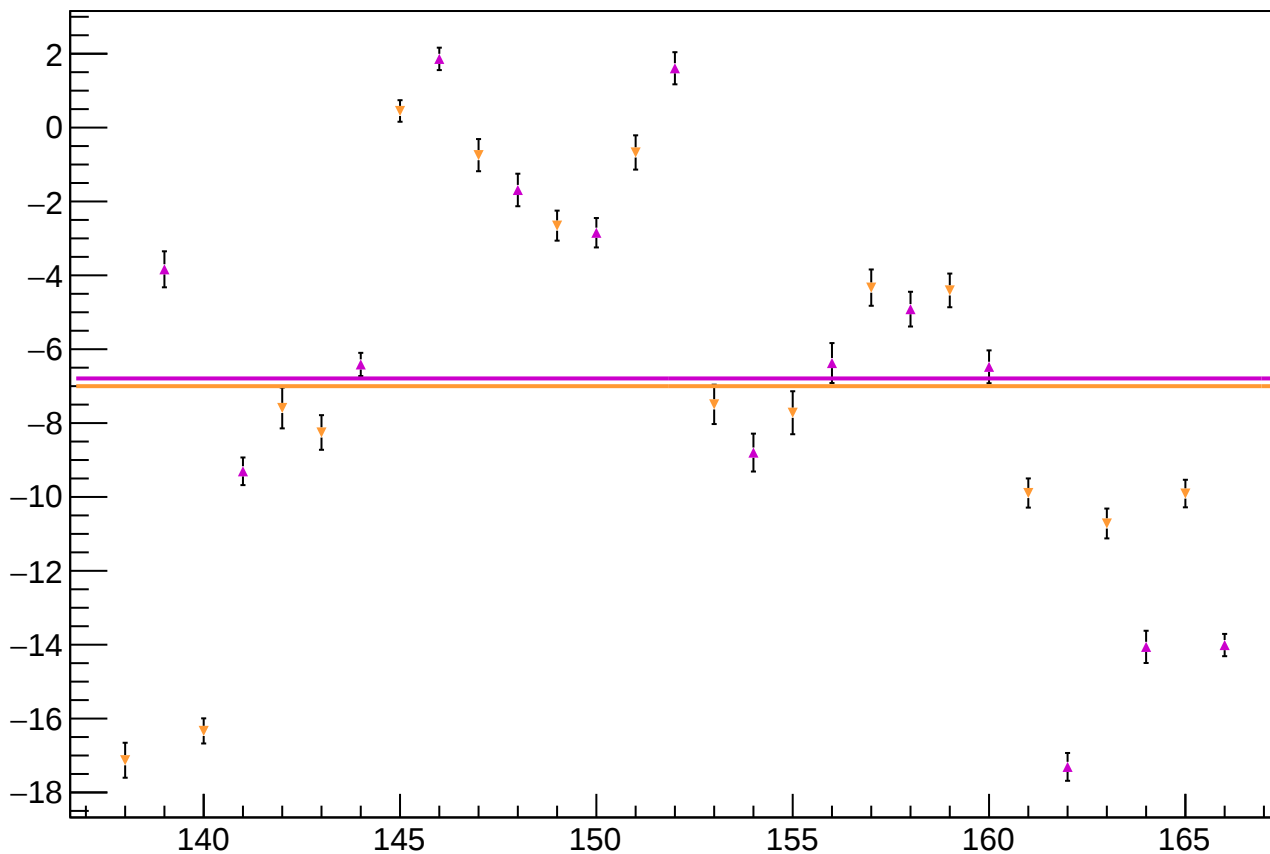
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.150+/-0.002 χ^2/NDF : 1724.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.152+/-0.002 χ^2/NDF : 2287.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.151+/-0.001 χ^2/NDF : 4012.6/28
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

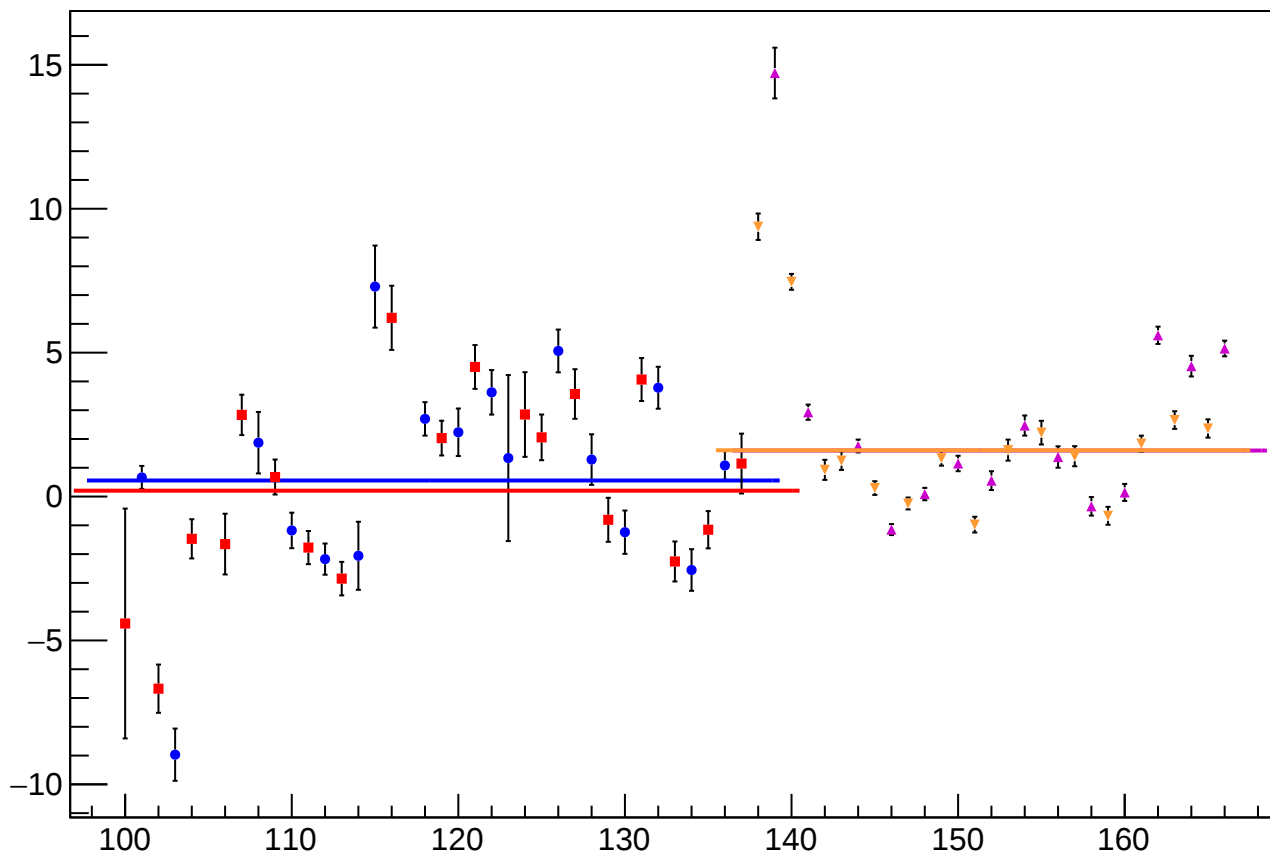
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.001 $\pm$ 0.109 χ^2 /NDF:2640.0/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.791 $\pm$ 0.106 χ^2 /NDF:3164.5/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.893 $\pm$ 0.076 χ^2 /NDF: 5806.4/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.558 $\pm$ 0.170 χ^2/NDF : 287.9/16

Left Out: 1.608 $\pm$ 0.077 χ^2/NDF : 1013.7/14

Right Out: 0.204 $\pm$ 0.175 χ^2/NDF : 272.1/18

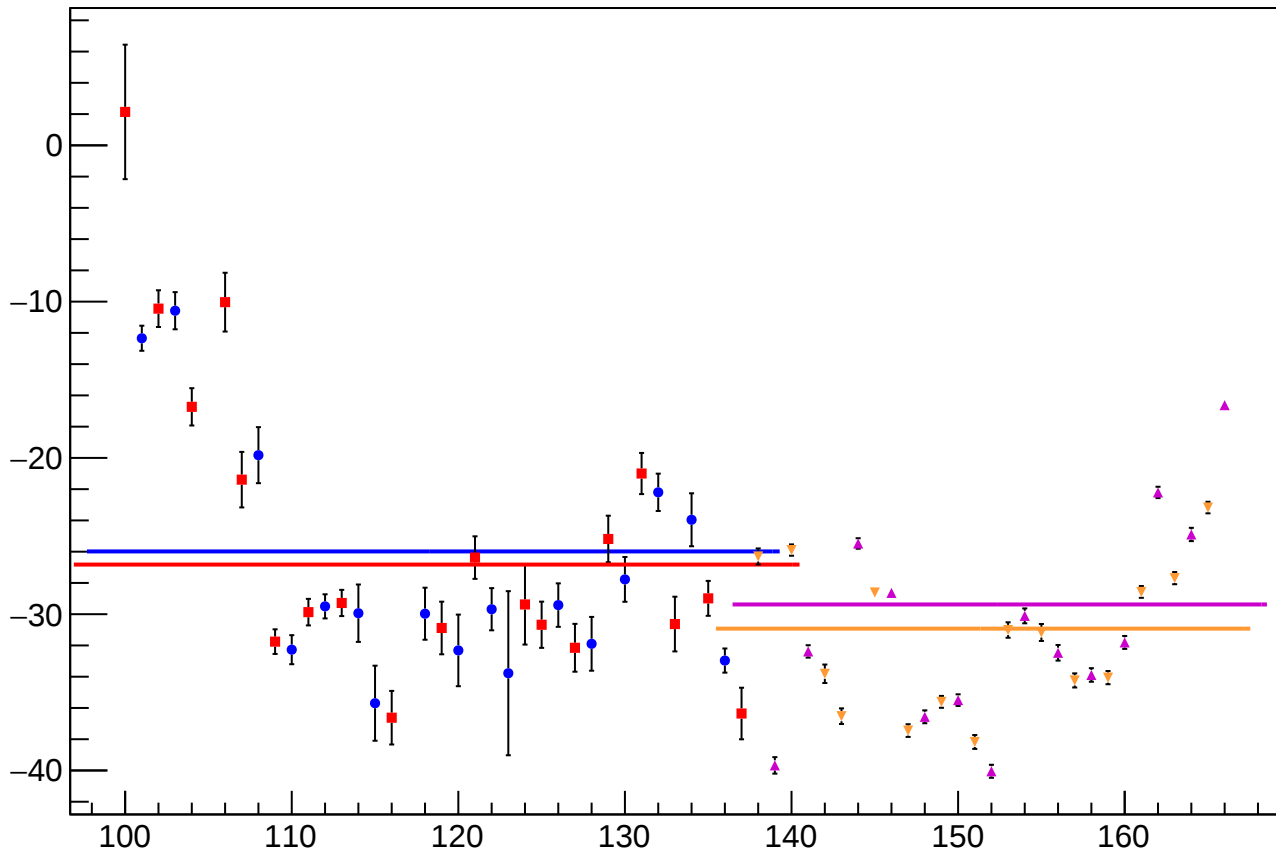
Left In: 1.599 $\pm$ 0.075 χ^2/NDF : 997.7/13

+ sign 1.431 $\pm$ 0.070 χ^2/NDF : 1333.3/31

All: 1.405 $\pm$ 0.049 χ^2/NDF : 2657.1/64

- sign 1.380 $\pm$ 0.069 χ^2/NDF : 1323.5/32

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -25.984 ± 0.300 χ^2/NDF : 691.5/16

Left Out: -30.924 ± 0.108 χ^2/NDF : 1807.9/14

Right Out: -26.825 ± 0.298 χ^2/NDF : 581.6/18

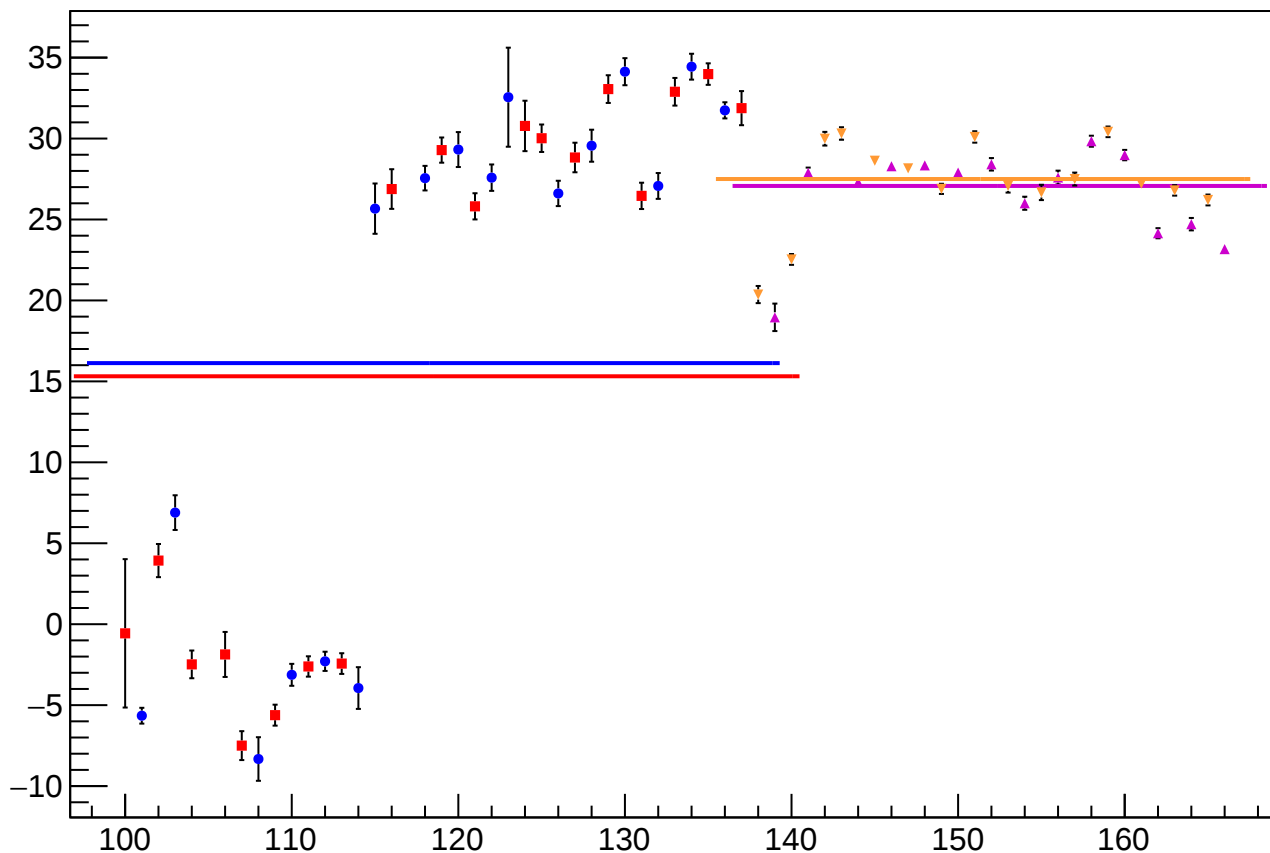
Left In: -29.377 ± 0.104 χ^2/NDF : 4218.3/13

+ sign -30.358 ± 0.102 χ^2/NDF : 2738.8/31

All: -29.706 ± 0.071 χ^2/NDF : 7683.6/64

- sign -29.100 ± 0.098 χ^2/NDF : 4865.4/32

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.129 $\pm$ 0.192 χ^2 /NDF: 7572.5/16

Left Out: 27.501 $\pm$ 0.090 χ^2 /NDF: 673.6/14

Right Out: 15.315 $\pm$ 0.197 χ^2 /NDF: 7278.1/18

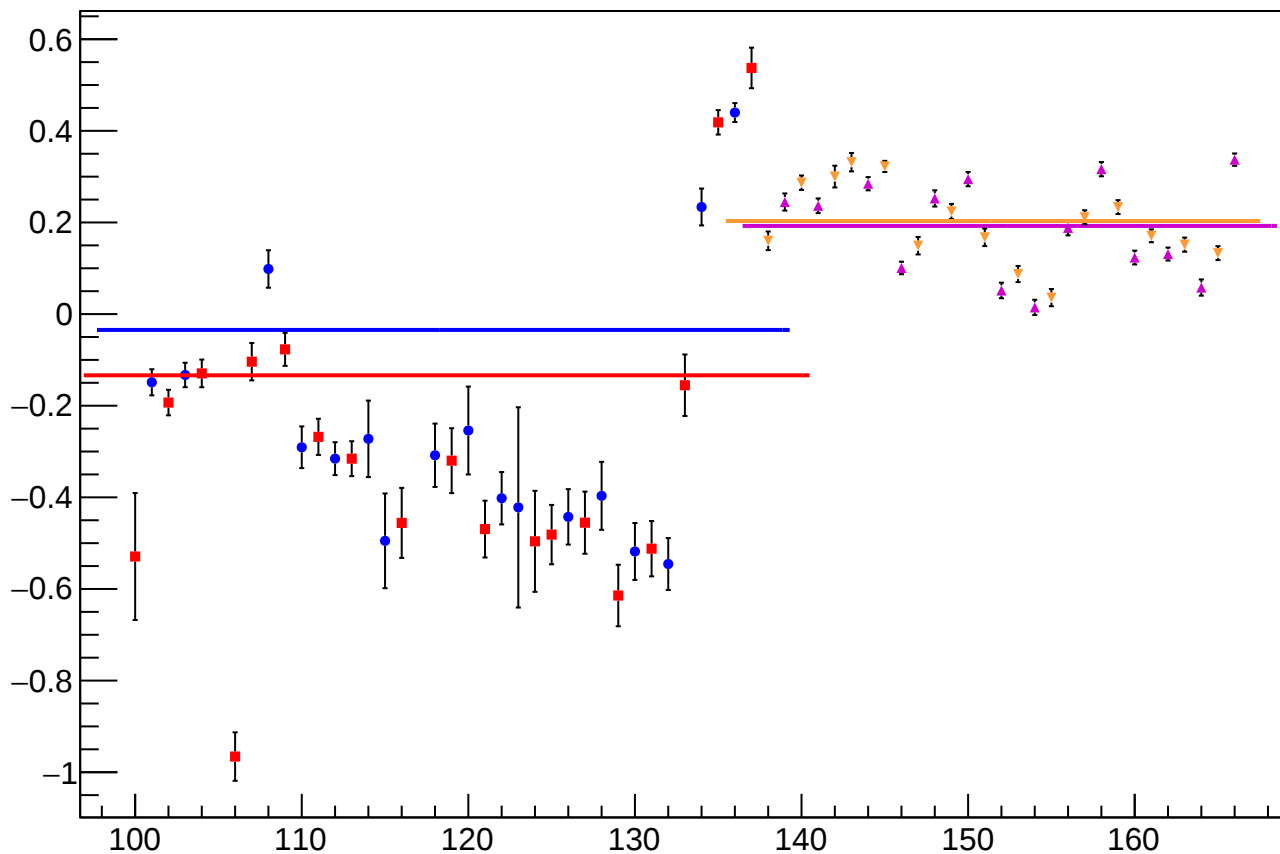
Left In: 27.073 $\pm$ 0.088 χ^2 /NDF: 575.4/13

+ sign 25.462 $\pm$ 0.081 χ^2 /NDF: 11123.6/31

All: 25.292 $\pm$ 0.057 χ^2 /NDF: 21957.6/64

- sign 25.126 $\pm$ 0.080 χ^2 /NDF: 10825.3/32

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.035 ± 0.010 χ^2/NDF : 1011.6/16

Left Out: 0.203 ± 0.004 χ^2/NDF : 363.9/14

Right Out: -0.134 ± 0.010 χ^2/NDF : 1161.9/18

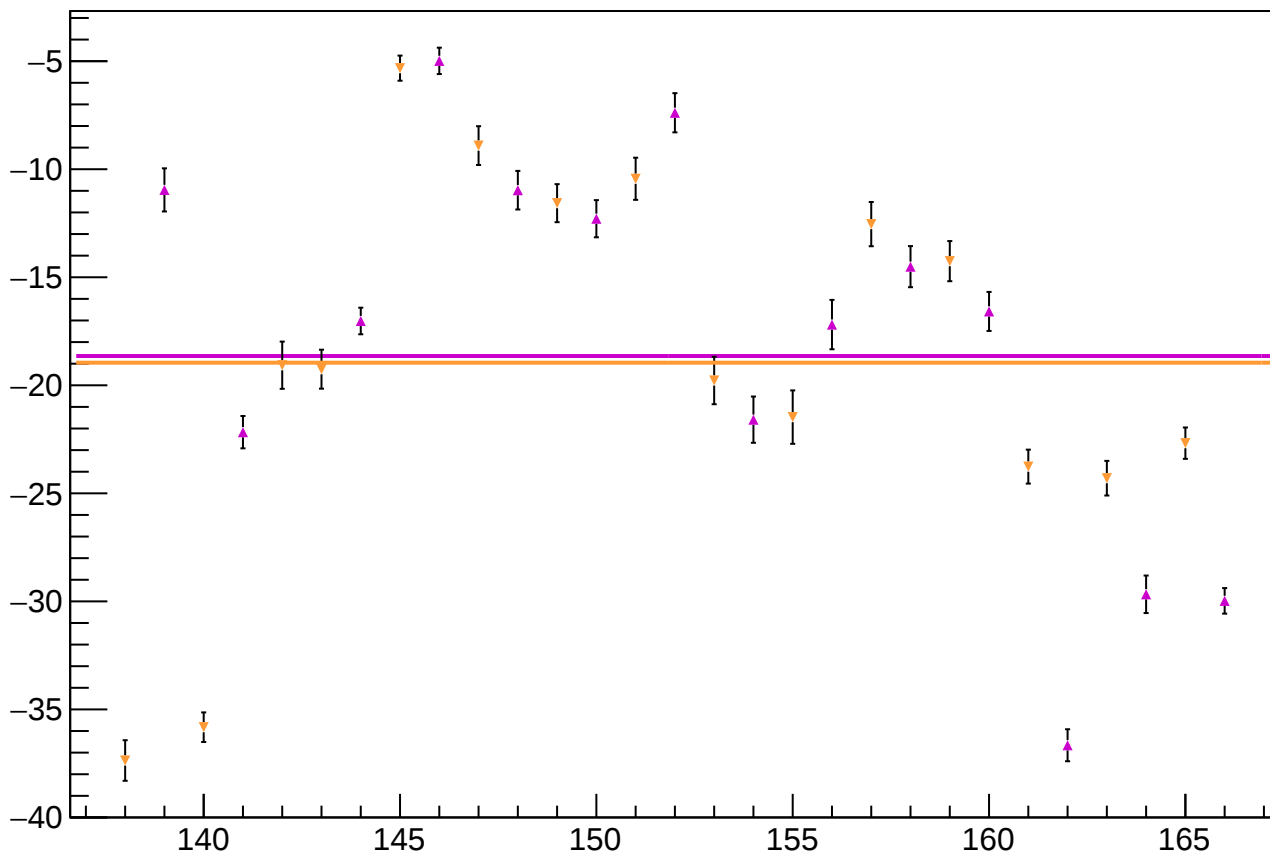
Left In: 0.192 ± 0.004 χ^2/NDF : 612.0/13

+ sign 0.169 ± 0.004 χ^2/NDF : 1827.9/31

All: 0.157 ± 0.003 χ^2/NDF : 4466.9/64

- sign 0.147 ± 0.004 χ^2/NDF : 2623.6/32

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.954+/-0.221 χ^2/NDF : 1990.3/14

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

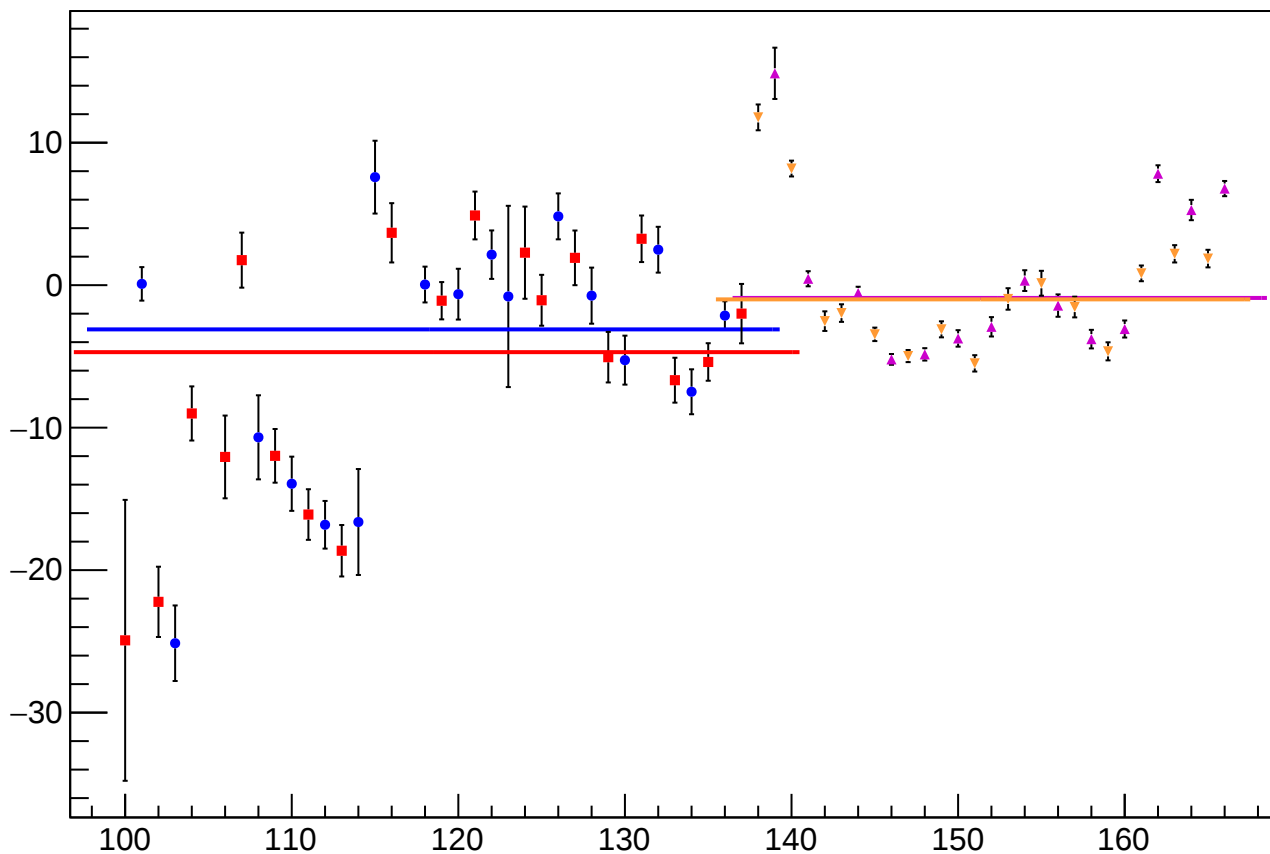
Left In: -18.645+/-0.214 χ^2/NDF : 2025.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.794+/-0.153 χ^2/NDF : 4016.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.104 ± 0.411 χ^2/NDF : 279.1/16

Left Out: -0.997 ± 0.155 χ^2/NDF : 764.2/14

Right Out: -4.701 ± 0.427 χ^2/NDF : 297.6/18

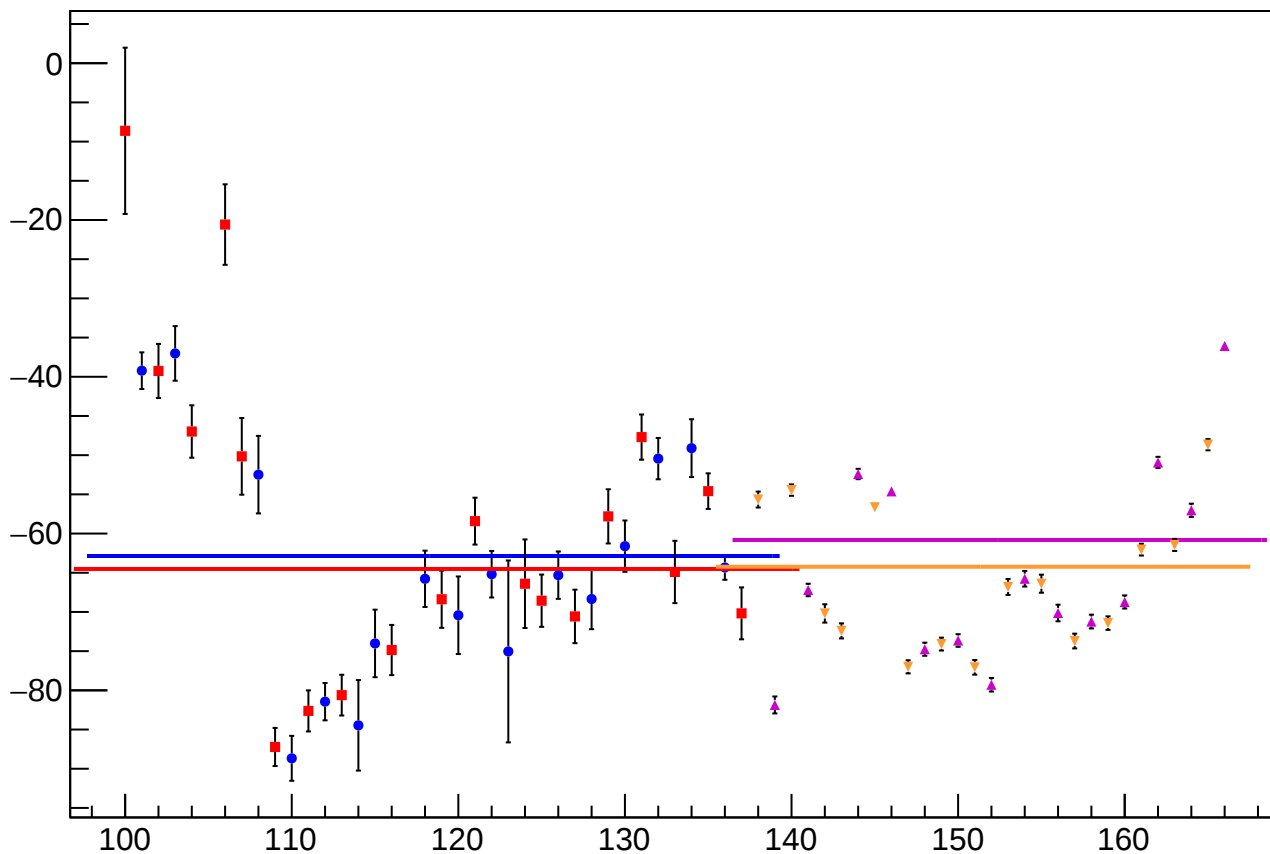
Left In: -0.896 ± 0.152 χ^2/NDF : 866.0/13

+ sign -1.260 ± 0.145 χ^2/NDF : 1066.4/31

All: -1.292 ± 0.102 χ^2/NDF : 2300.8/64

- sign -1.323 ± 0.143 χ^2/NDF : 1234.3/32

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.863 ± 0.741 χ^2/NDF : 368.7/16

Left Out: -64.233 ± 0.219 χ^2/NDF : 1733.6/14

Right Out: -64.517 ± 0.752 χ^2/NDF : 444.3/18

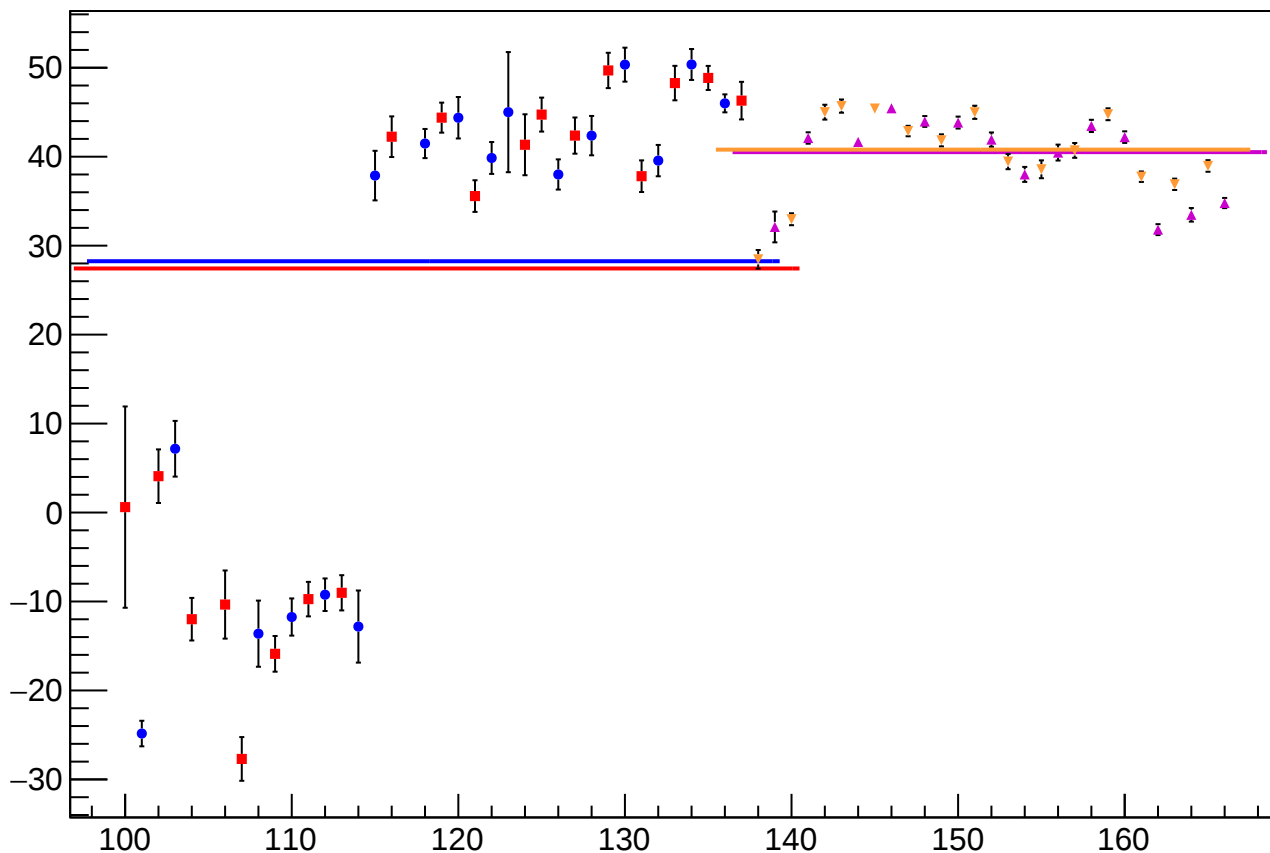
Left In: -60.819 ± 0.210 χ^2/NDF : 3934.2/13

+ sign -64.123 ± 0.210 χ^2/NDF : 2105.4/31

All: -62.549 ± 0.146 χ^2/NDF : 6614.9/64

- sign -61.087 ± 0.202 χ^2/NDF : 4400.9/32

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.250 $\pm$ 0.460 χ^2 /NDF: 3319.5/16

Left Out: 40.793 $\pm$ 0.182 χ^2 /NDF: 576.2/14

Right Out: 27.435 $\pm$ 0.479 χ^2 /NDF: 3032.4/18

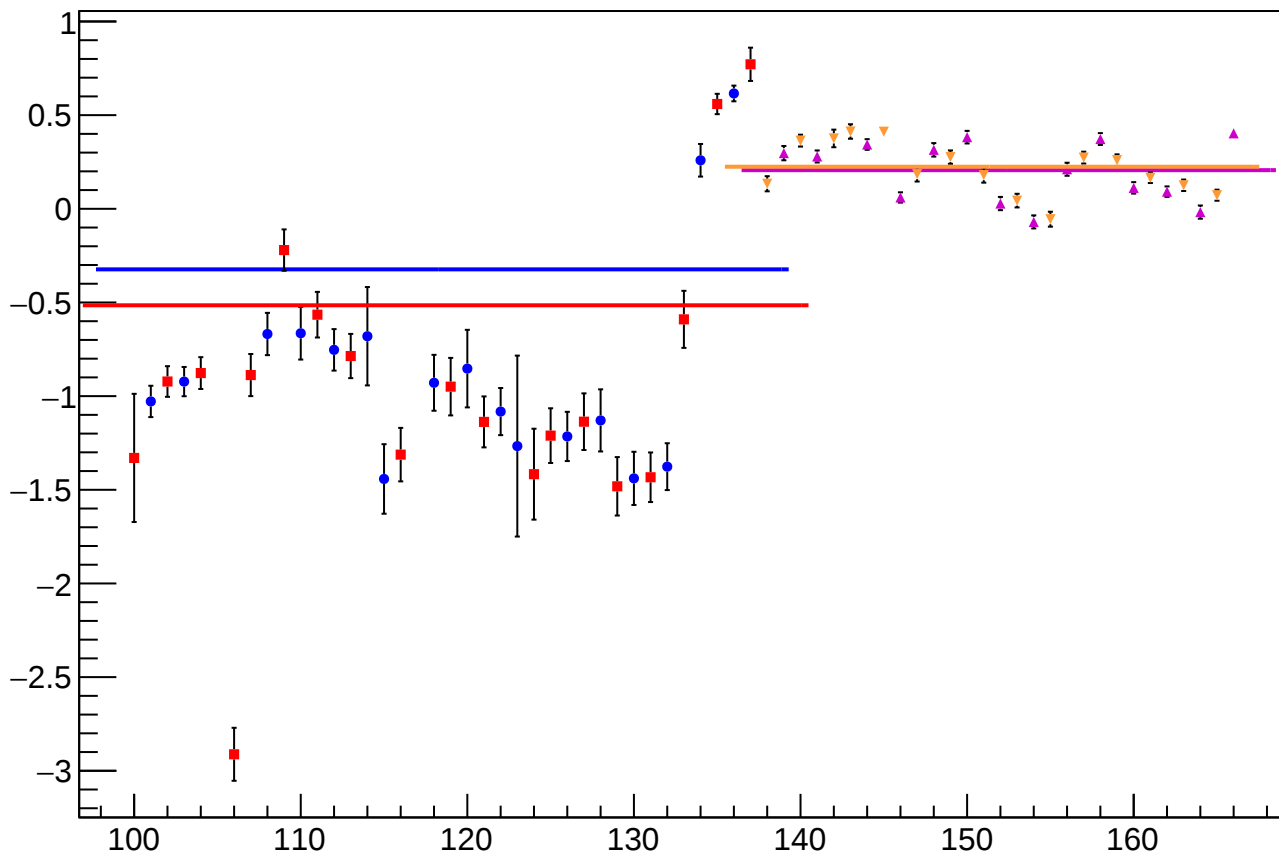
Left In: 40.512 $\pm$ 0.177 χ^2 /NDF: 621.2/13

+ sign 39.103 $\pm$ 0.169 χ^2 /NDF: 4538.8/31

All: 39.020 $\pm$ 0.118 χ^2 /NDF: 8849.2/64

- sign 38.939 $\pm$ 0.166 χ^2 /NDF: 4309.9/32

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.323 ± 0.025 χ^2/NDF : 1010.8/16

Left Out: 0.225 ± 0.009 χ^2/NDF : 241.2/14

Right Out: -0.515 ± 0.026 χ^2/NDF : 1160.9/18

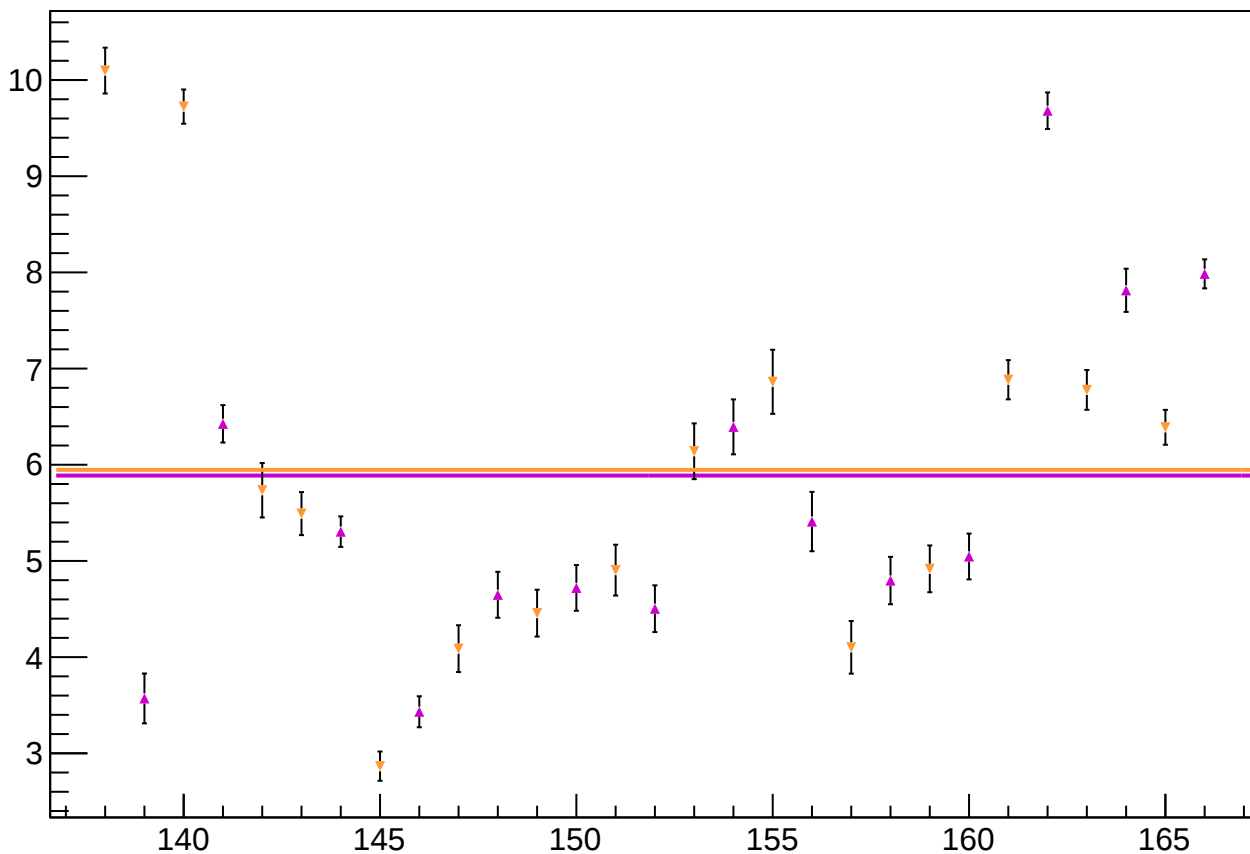
Left In: 0.206 ± 0.008 χ^2/NDF : 335.9/13

+ sign 0.166 ± 0.008 χ^2/NDF : 1682.4/31

All: 0.151 ± 0.006 χ^2/NDF : 3893.7/64

- sign 0.136 ± 0.008 χ^2/NDF : 2204.4/32

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: 5.947+/-0.058 χ^2/NDF :1393.9/14

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

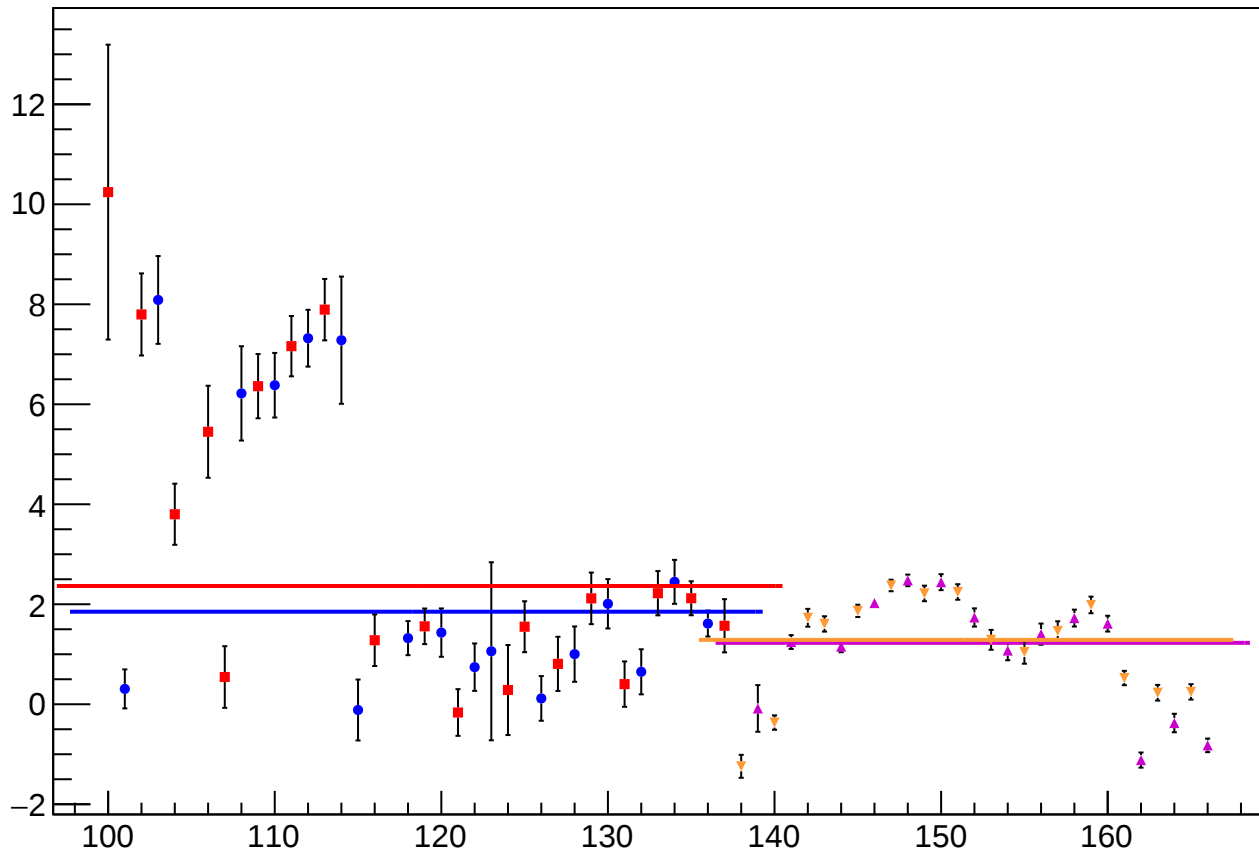
Left In: 5.888+/-0.056 χ^2/NDF :1120.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.916+/-0.040 χ^2/NDF : 2515.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.851 ± 0.117 χ^2/NDF : 294.2/16

Left Out: 1.288 ± 0.041 χ^2/NDF : 587.3/14

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.2/18

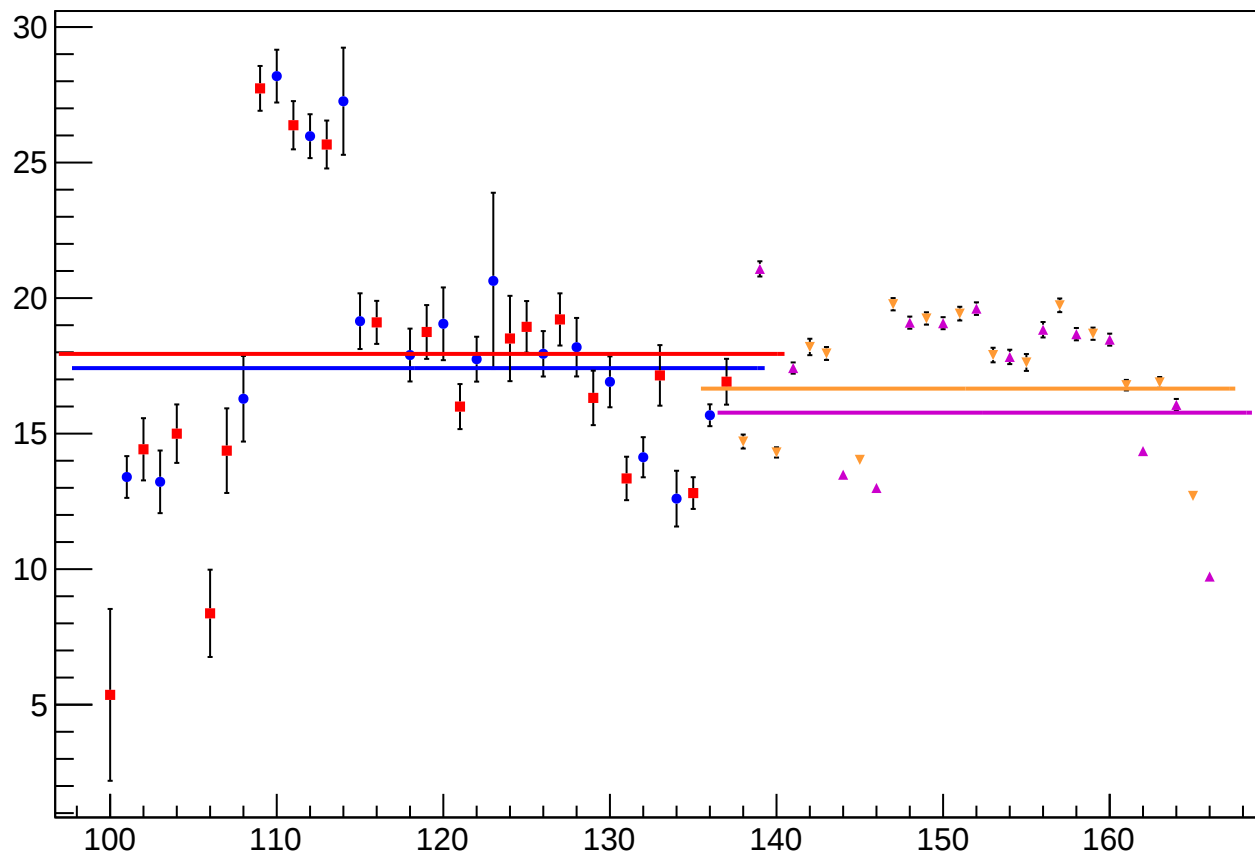
Left In: 1.228 ± 0.040 χ^2/NDF : 813.5/13

+ sign 1.348 ± 0.038 χ^2/NDF : 902.1/31

All: 1.342 ± 0.027 χ^2/NDF : 2129.8/64

- sign 1.336 ± 0.038 χ^2/NDF : 1227.6/32

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.417 ± 0.213 $\chi^2/\text{NDF}: 367.0/16$

Left Out: 16.660 ± 0.057 $\chi^2/\text{NDF}: 1711.3/14$

Right Out: 17.941 ± 0.219 $\chi^2/\text{NDF}: 505.6/18$

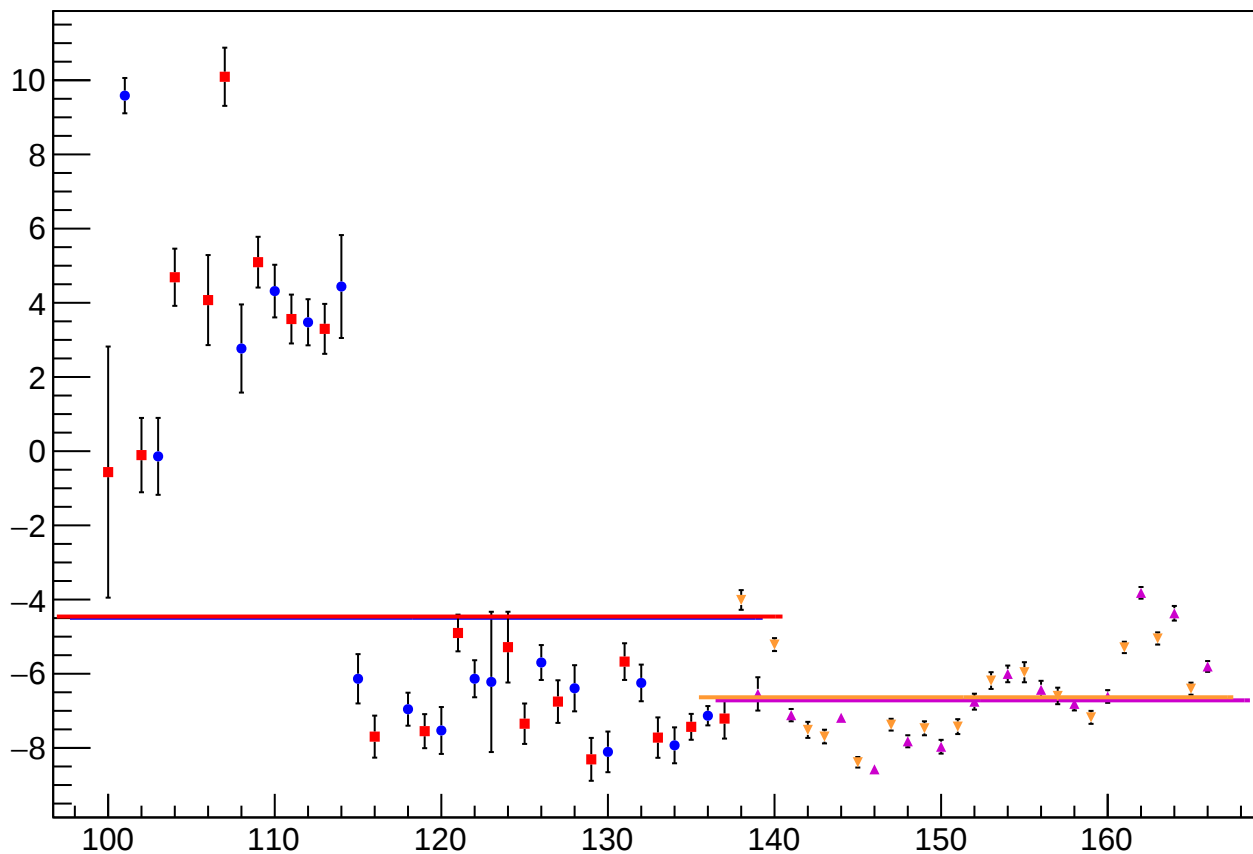
Left In: 15.773 ± 0.055 $\chi^2/\text{NDF}: 3733.3/13$

+ sign 16.711 ± 0.055 $\chi^2/\text{NDF}: 2090.1/31$

All: 16.292 ± 0.038 $\chi^2/\text{NDF}: 6532.4/64$

- sign 15.901 ± 0.053 $\chi^2/\text{NDF}: 4331.0/32$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.491 ± 0.130 χ^2/NDF : 1585.4/16

Left Out: -6.635 ± 0.048 χ^2/NDF : 613.5/14

Right Out: -4.458 ± 0.137 χ^2/NDF : 1338.9/18

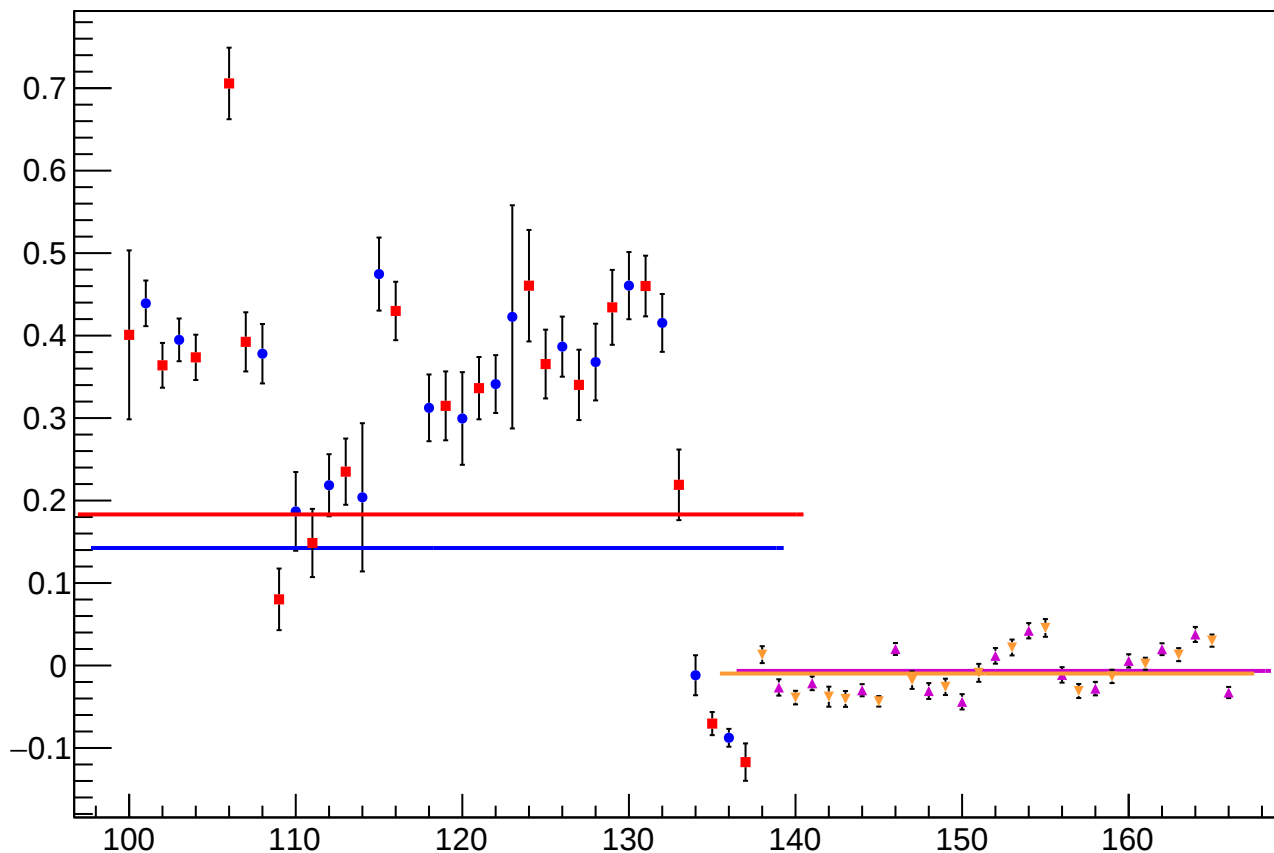
Left In: -6.717 ± 0.046 χ^2/NDF : 864.2/13

+ sign -6.383 ± 0.045 χ^2/NDF : 2437.2/31

All: -6.435 ± 0.031 χ^2/NDF : 4887.0/64

- sign -6.485 ± 0.044 χ^2/NDF : 2447.1/32

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.142 $\pm$ 0.007 χ^2 /NDF: 1058.8/16

Left Out: -0.010 $\pm$ 0.002 χ^2 /NDF: 148.3/14

Right Out: 0.183 $\pm$ 0.007 χ^2 /NDF: 1000.9/18

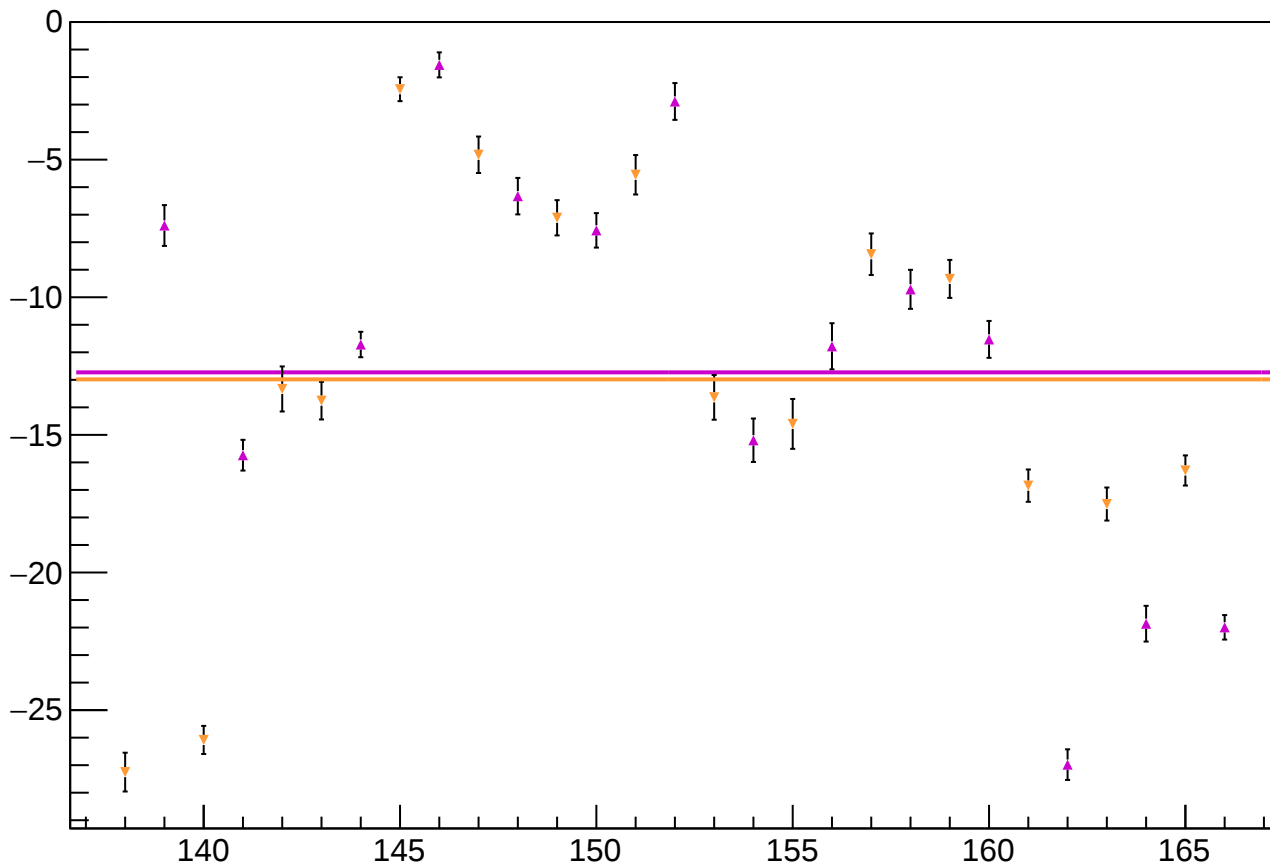
Left In: -0.007 $\pm$ 0.002 χ^2 /NDF: 146.0/13

+ sign 0.004 $\pm$ 0.002 χ^2 /NDF: 1627.8/31

All: 0.007 $\pm$ 0.002 χ^2 /NDF: 3378.7/64

- sign 0.009 $\pm$ 0.002 χ^2 /NDF: 1748.4/32

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -12.983+/-0.164 χ^2/NDF : 2207.4/14

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

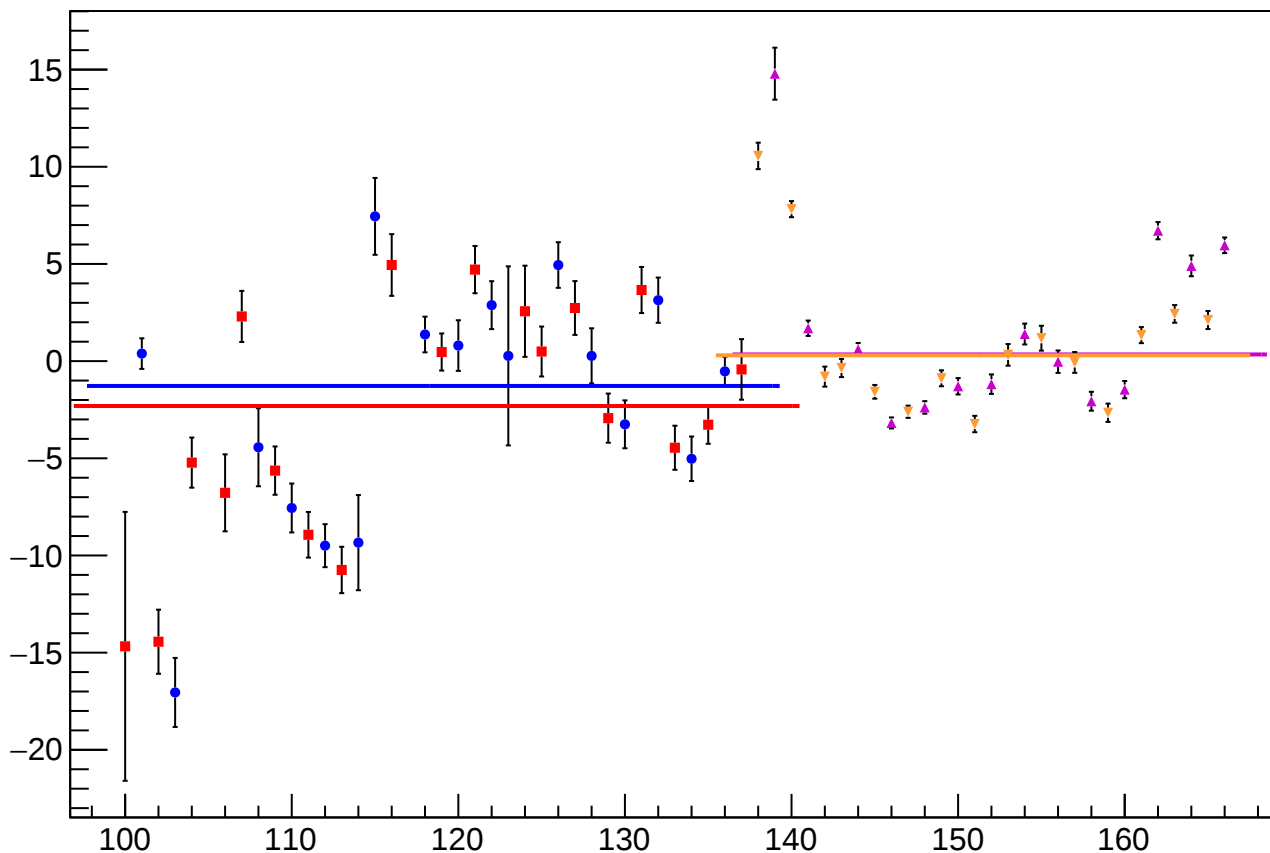
Left In: -12.728+/-0.159 χ^2/NDF : 2389.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.852+/-0.114 χ^2/NDF : 4598.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.278 ± 0.292 χ^2/NDF : 276.5/16

Left Out: 0.299 ± 0.116 χ^2/NDF : 840.5/14

Right Out: -2.309 ± 0.302 χ^2/NDF : 285.3/18

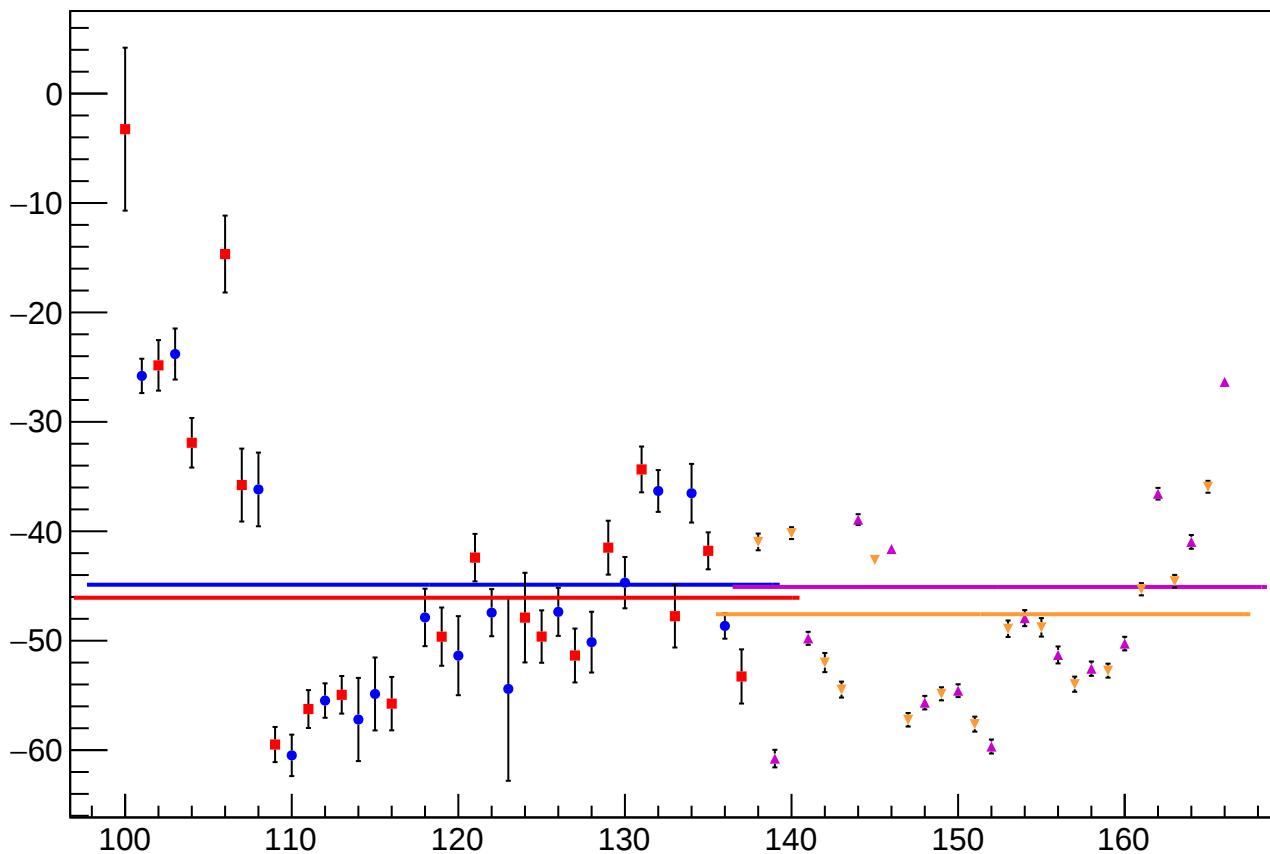
Left In: 0.344 ± 0.113 χ^2/NDF : 900.3/13

+ sign 0.086 ± 0.107 χ^2/NDF : 1142.1/31

All: 0.052 ± 0.075 χ^2/NDF : 2395.4/64

- sign 0.019 ± 0.106 χ^2/NDF : 1253.1/32

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.883 ± 0.524 χ^2/NDF : 421.0/16

Left Out: -47.580 ± 0.163 χ^2/NDF : 1753.0/14

Right Out: -46.075 ± 0.529 χ^2/NDF : 454.3/18

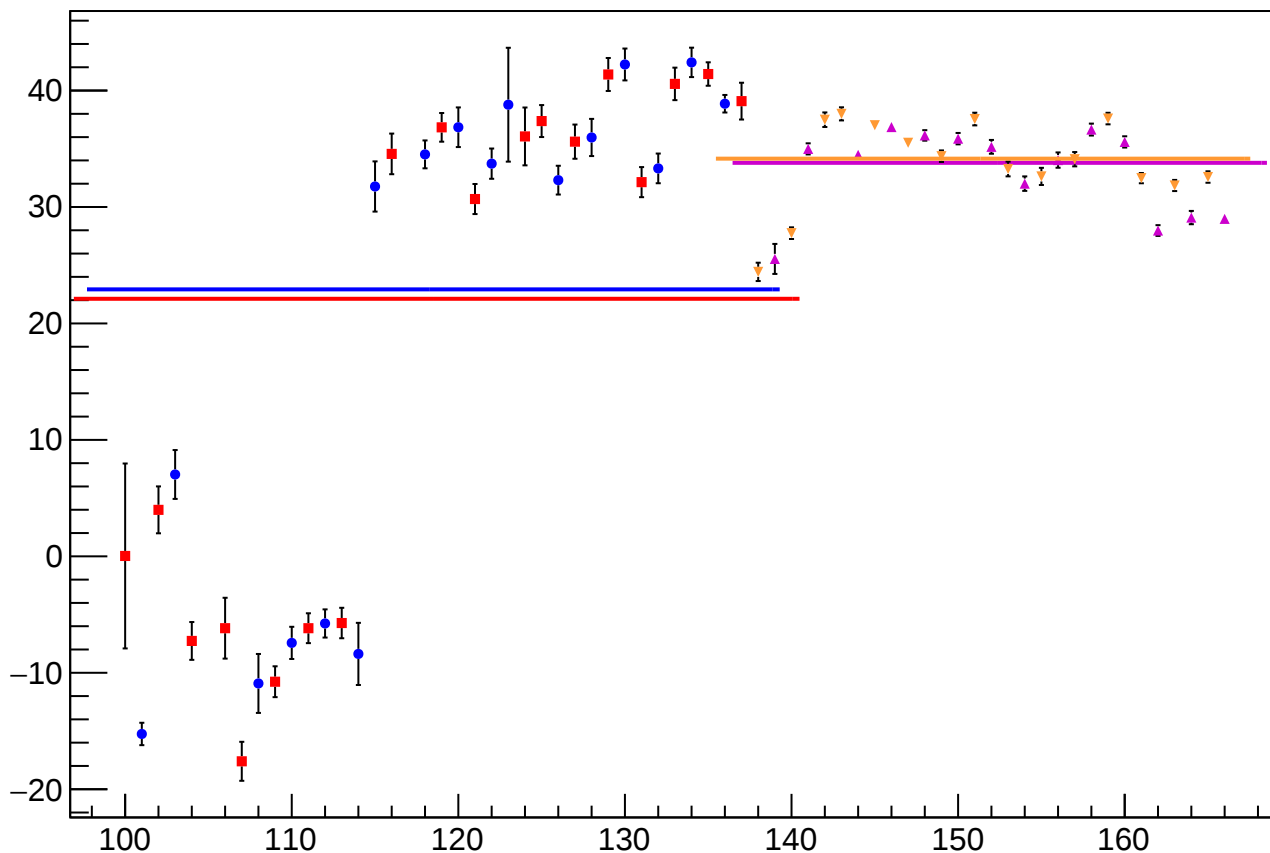
Left In: -45.087 ± 0.156 χ^2/NDF : 4020.6/13

+ sign -47.343 ± 0.155 χ^2/NDF : 2198.1/31

All: -46.215 ± 0.108 χ^2/NDF : 6777.8/64

- sign -45.166 ± 0.150 χ^2/NDF : 4478.1/32

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.926 $\pm$ 0.328 χ^2 /NDF: 4330.2/16

Left Out: 34.152 $\pm$ 0.135 χ^2 /NDF: 591.9/14

Right Out: 22.117 $\pm$ 0.340 χ^2 /NDF: 4033.4/18

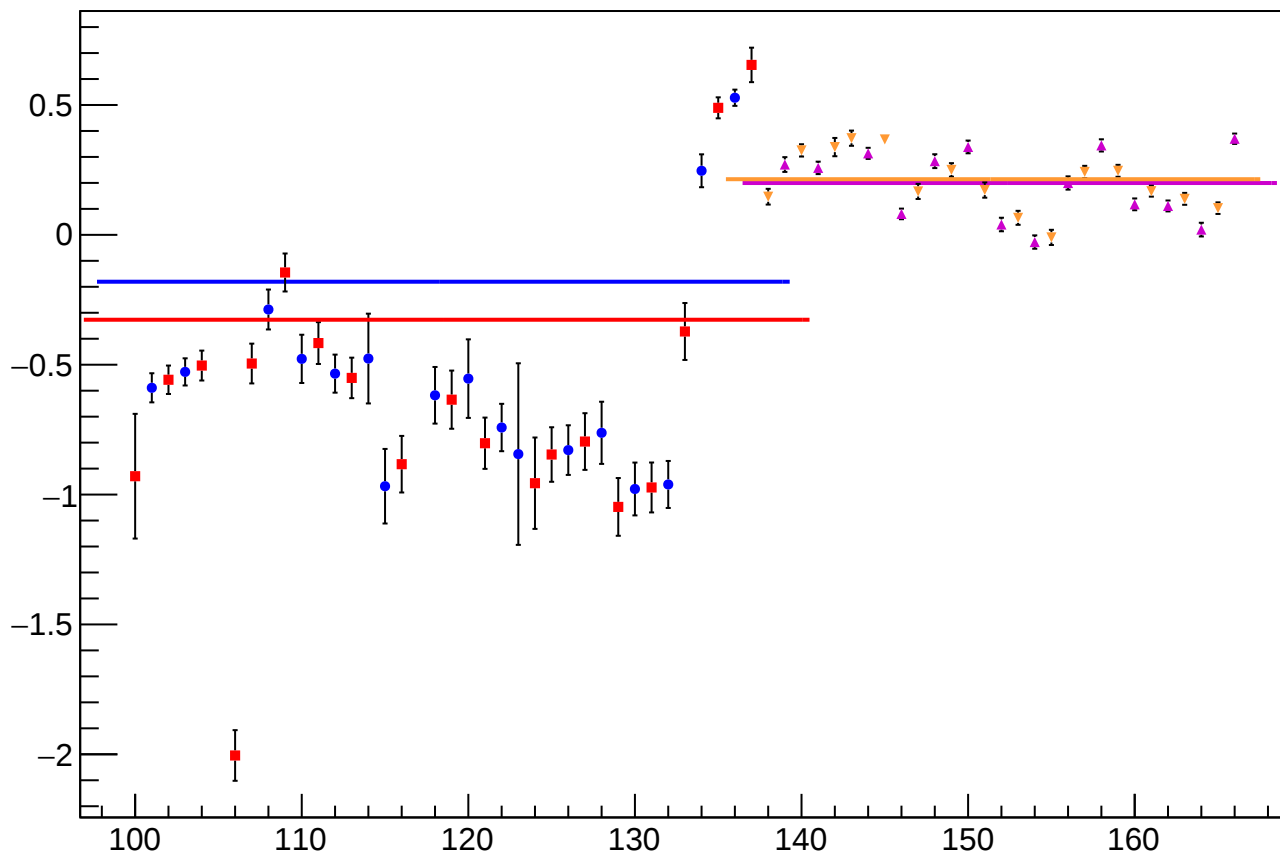
Left In: 33.793 $\pm$ 0.132 χ^2 /NDF: 580.2/13

+ sign 32.523 $\pm$ 0.125 χ^2 /NDF: 5923.1/31

All: 32.393 $\pm$ 0.088 χ^2 /NDF: 11564.3/64

- sign 32.266 $\pm$ 0.123 χ^2 /NDF: 5639.0/32

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180 ± 0.018 χ^2/NDF : 995.7/16

Left Out: 0.214 ± 0.006 χ^2/NDF : 279.7/14

Right Out: -0.327 ± 0.018 χ^2/NDF : 1175.6/18

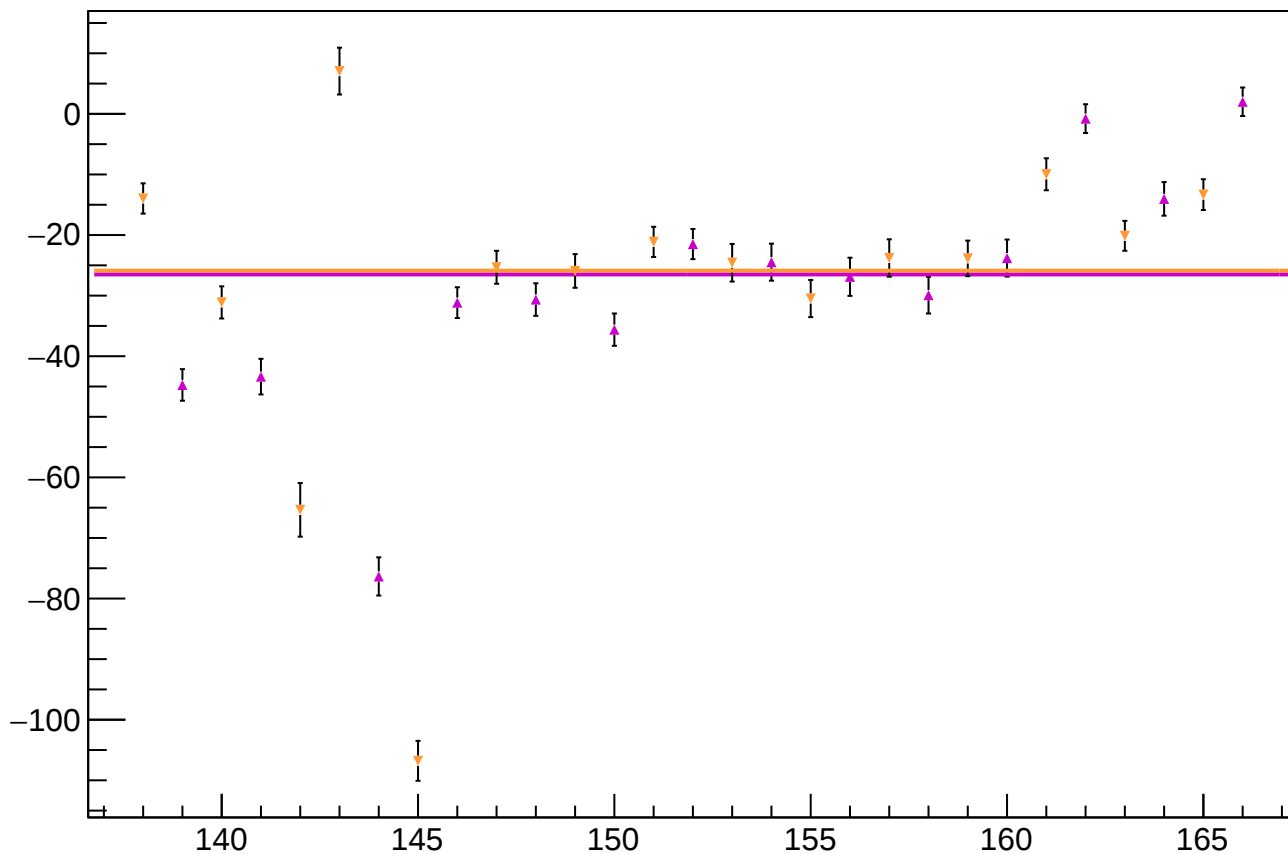
Left In: 0.200 ± 0.006 χ^2/NDF : 420.2/13

+ sign 0.169 ± 0.006 χ^2/NDF : 1711.7/31

All: 0.156 ± 0.004 χ^2/NDF : 4063.2/64

- sign 0.143 ± 0.006 χ^2/NDF : 2342.5/32

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -25.874+/-0.739 χ^2/NDF : 854.4/14

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

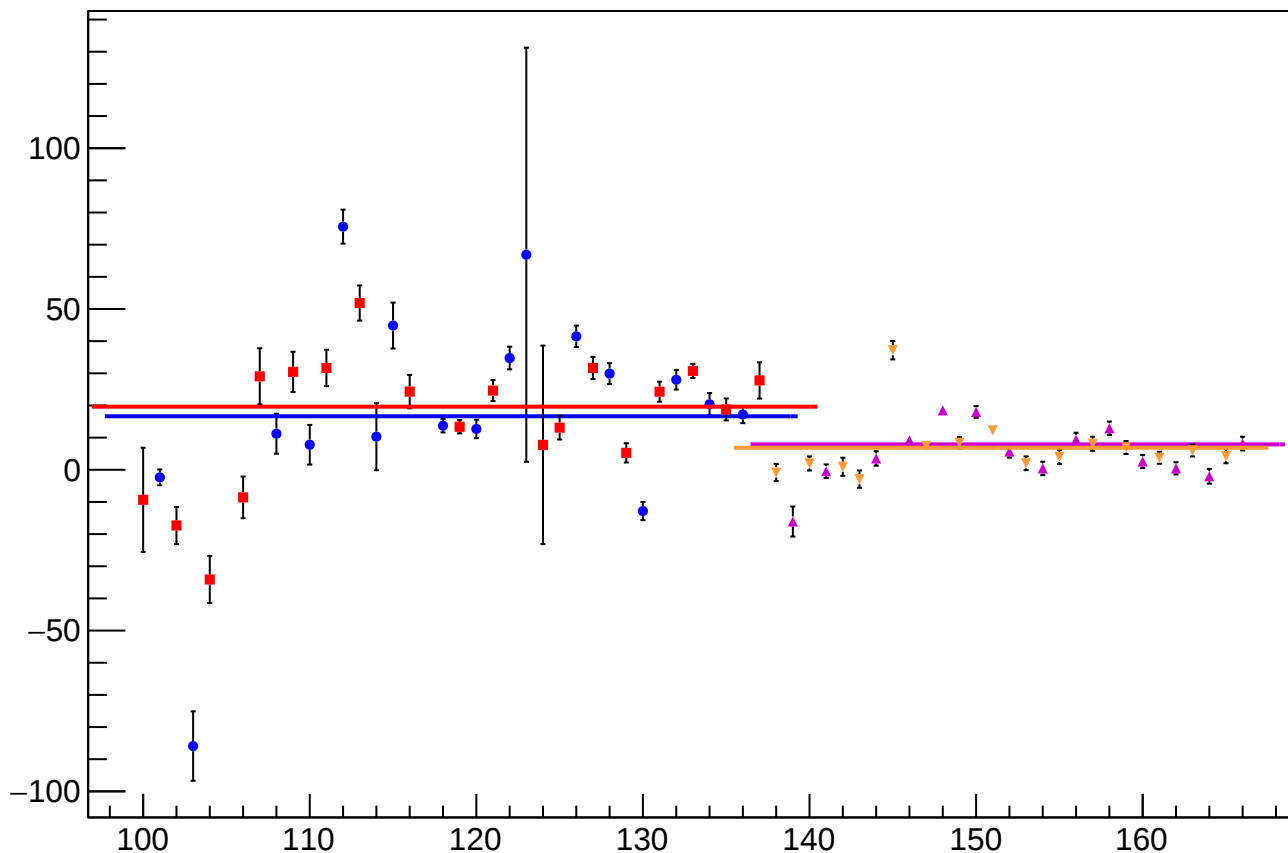
Left In: -26.501+/-0.731 χ^2/NDF : 639.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.191+/-0.520 χ^2/NDF : 1494.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.641 ± 0.859 χ^2/NDF : 518.9/16

Left Out: 6.850 ± 0.513 χ^2/NDF : 170.6/14

Right Out: 19.632 ± 0.896 χ^2/NDF : 241.7/18

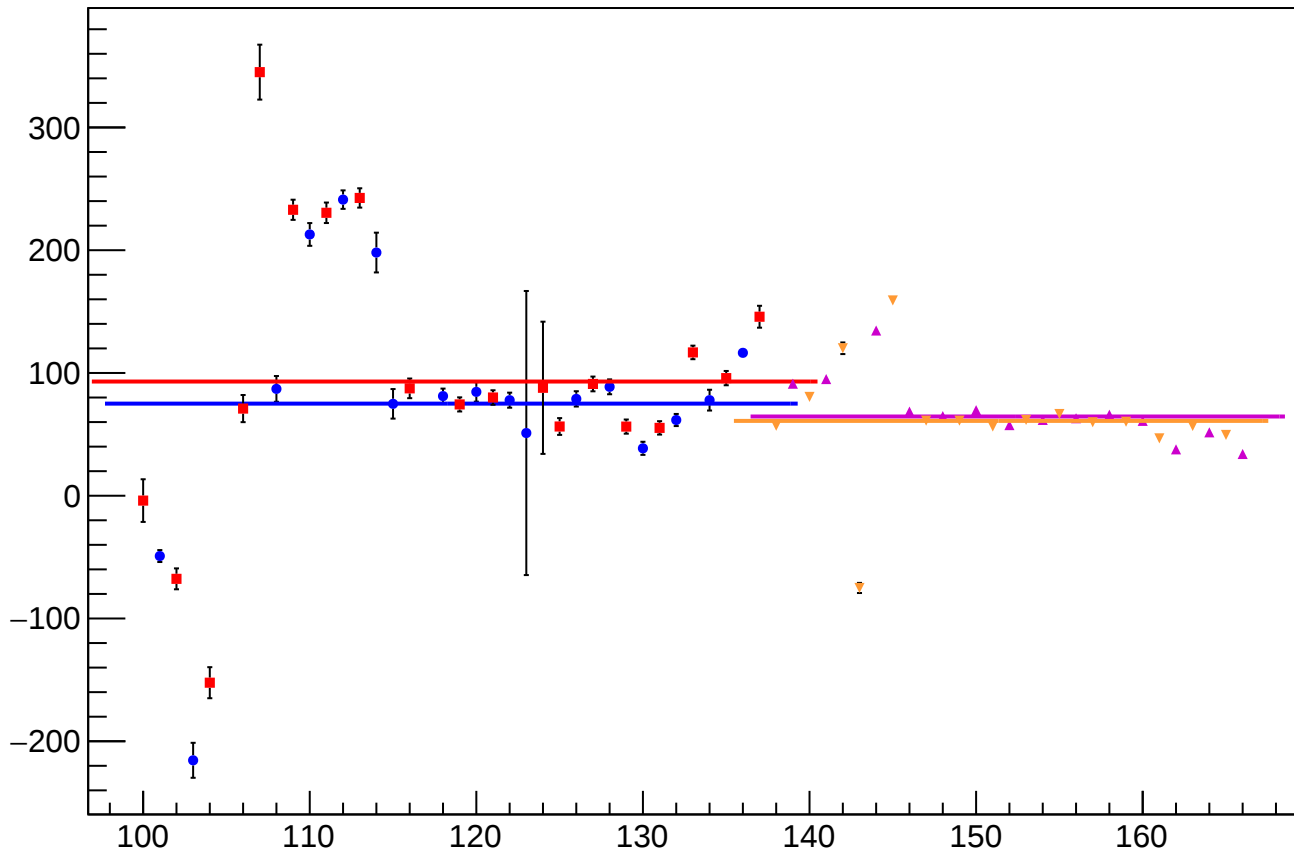
Left In: 7.903 ± 0.521 χ^2/NDF : 204.4/13

+ sign 9.422 ± 0.440 χ^2/NDF : 785.3/31

All: 10.126 ± 0.315 χ^2/NDF : 1364.7/64

- sign 10.862 ± 0.450 χ^2/NDF : 574.2/32

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.032 $\pm$ 1.647 χ^2 /NDF: 1999.7/16

Left Out: 60.958 $\pm$ 0.722 χ^2 /NDF: 2178.5/14

Right Out: 93.028 $\pm$ 1.711 χ^2 /NDF: 2003.6/18

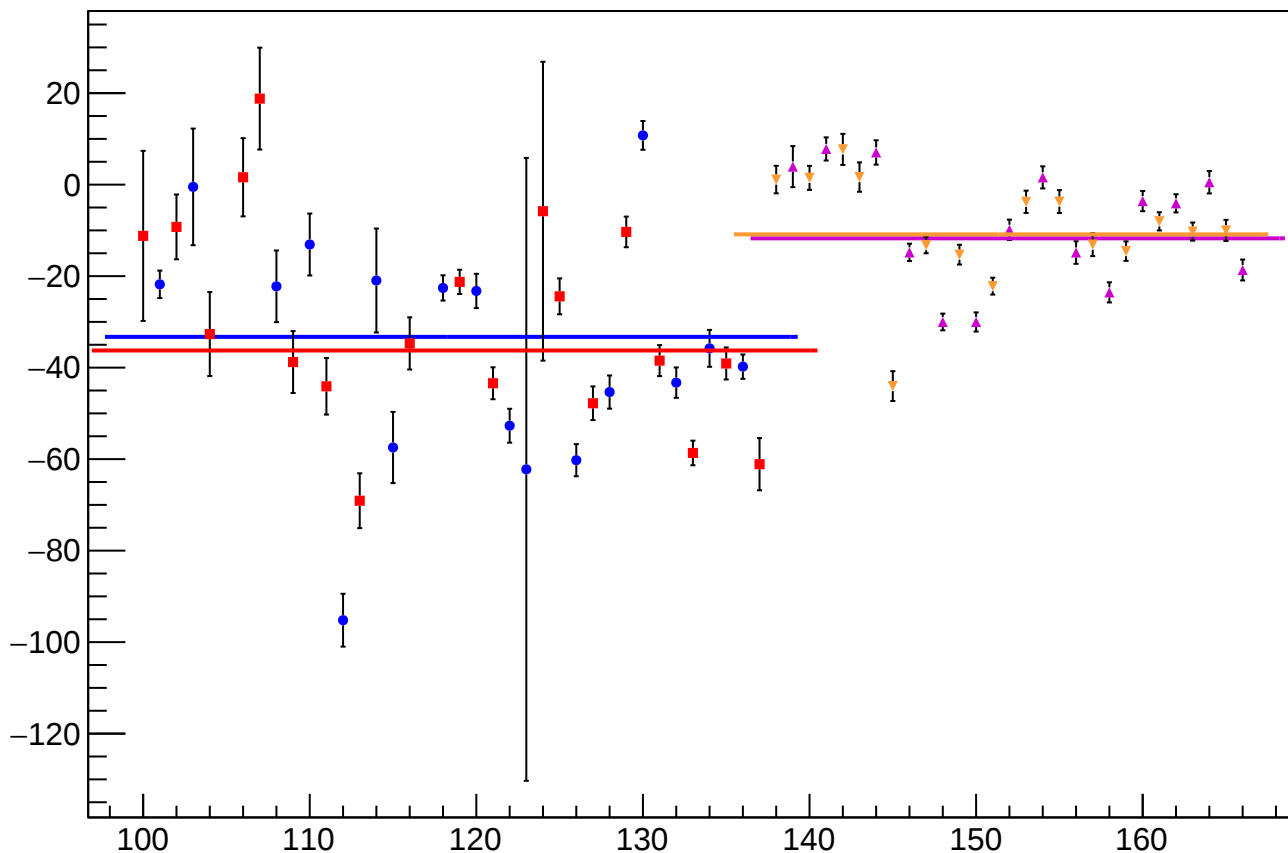
Left In: 64.543 $\pm$ 0.712 χ^2 /NDF: 957.1/13

+ sign 63.227 $\pm$ 0.661 χ^2 /NDF: 4239.5/31

All: 66.002 $\pm$ 0.466 χ^2 /NDF: 7471.4/64

- sign 68.744 $\pm$ 0.657 χ^2 /NDF: 3196.9/32

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.272 ± 0.982 χ^2/NDF : 489.4/16

Left Out: -10.865 ± 0.602 χ^2/NDF : 253.1/14

Right Out: -36.251 ± 1.024 χ^2/NDF : 297.6/18

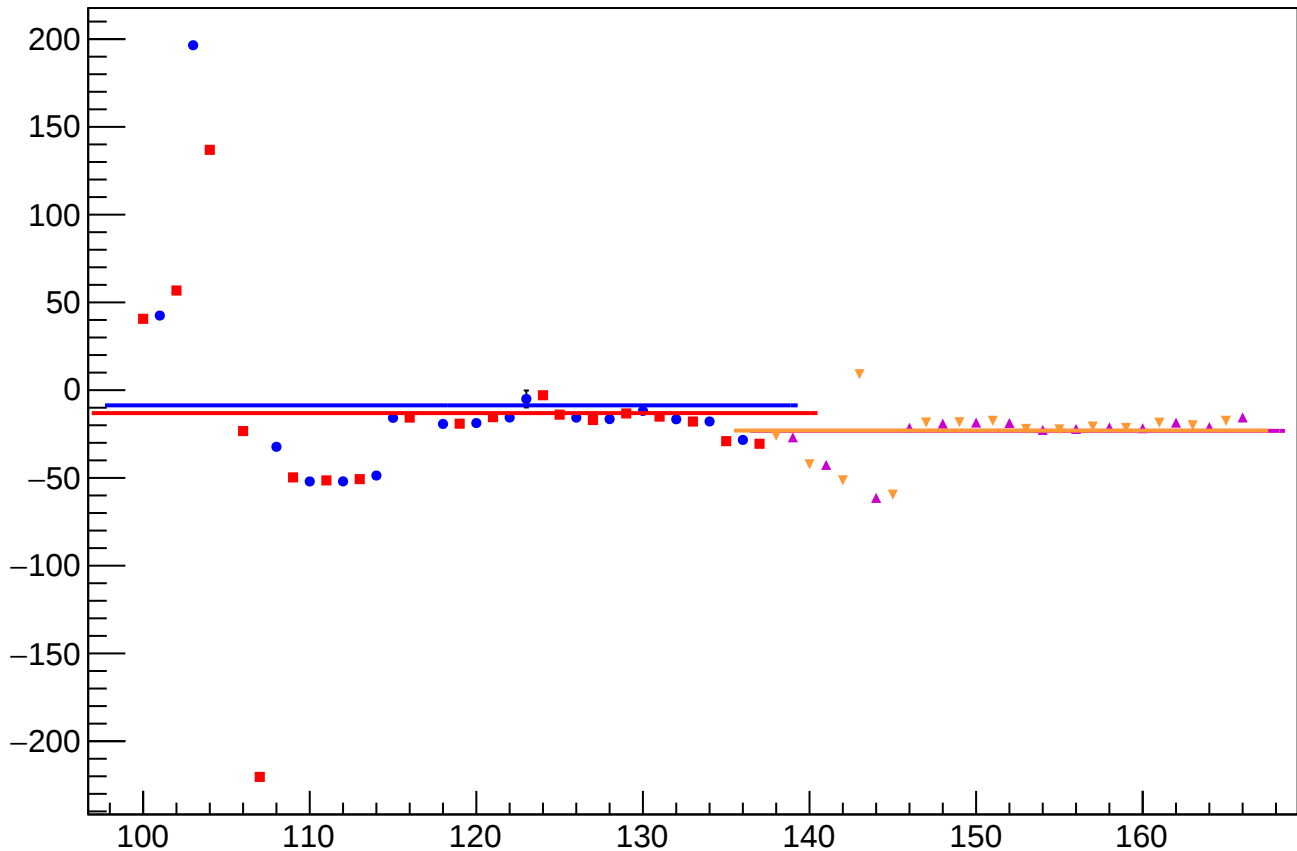
Left In: -11.735 ± 0.607 χ^2/NDF : 424.7/13

+ sign -16.980 ± 0.513 χ^2/NDF : 1121.0/31

All: -17.537 ± 0.366 χ^2/NDF : 2269.9/64

- sign -18.115 ± 0.522 χ^2/NDF : 1146.4/32

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.657 ± 0.059 $\chi^2/\text{NDF}: 575742.7/16$

Left Out: -23.032 ± 0.028 $\chi^2/\text{NDF}: 171256.4/14$

Right Out: -13.077 ± 0.062 $\chi^2/\text{NDF}: 558318.9/18$

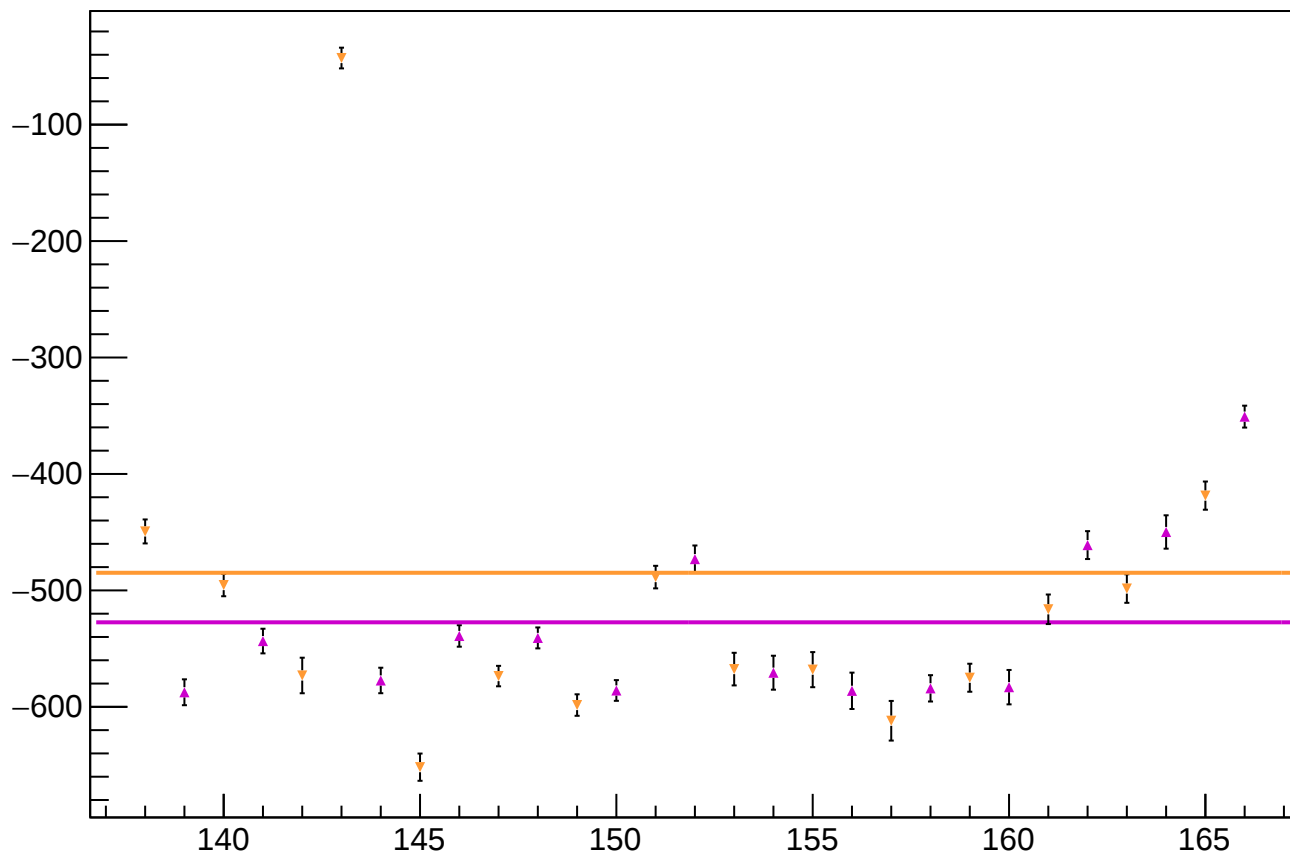
Left In: -23.191 ± 0.028 $\chi^2/\text{NDF}: 106812.6/13$

+ sign -20.342 ± 0.026 $\chi^2/\text{NDF}: 795115.2/31$

All: -20.899 ± 0.018 $\chi^2/\text{NDF}: 1483371.2/64$

- sign -21.457 ± 0.026 $\chi^2/\text{NDF}: 687305.1/32$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -484.861+/-2.894 χ^2/NDF : 3185.6/14

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

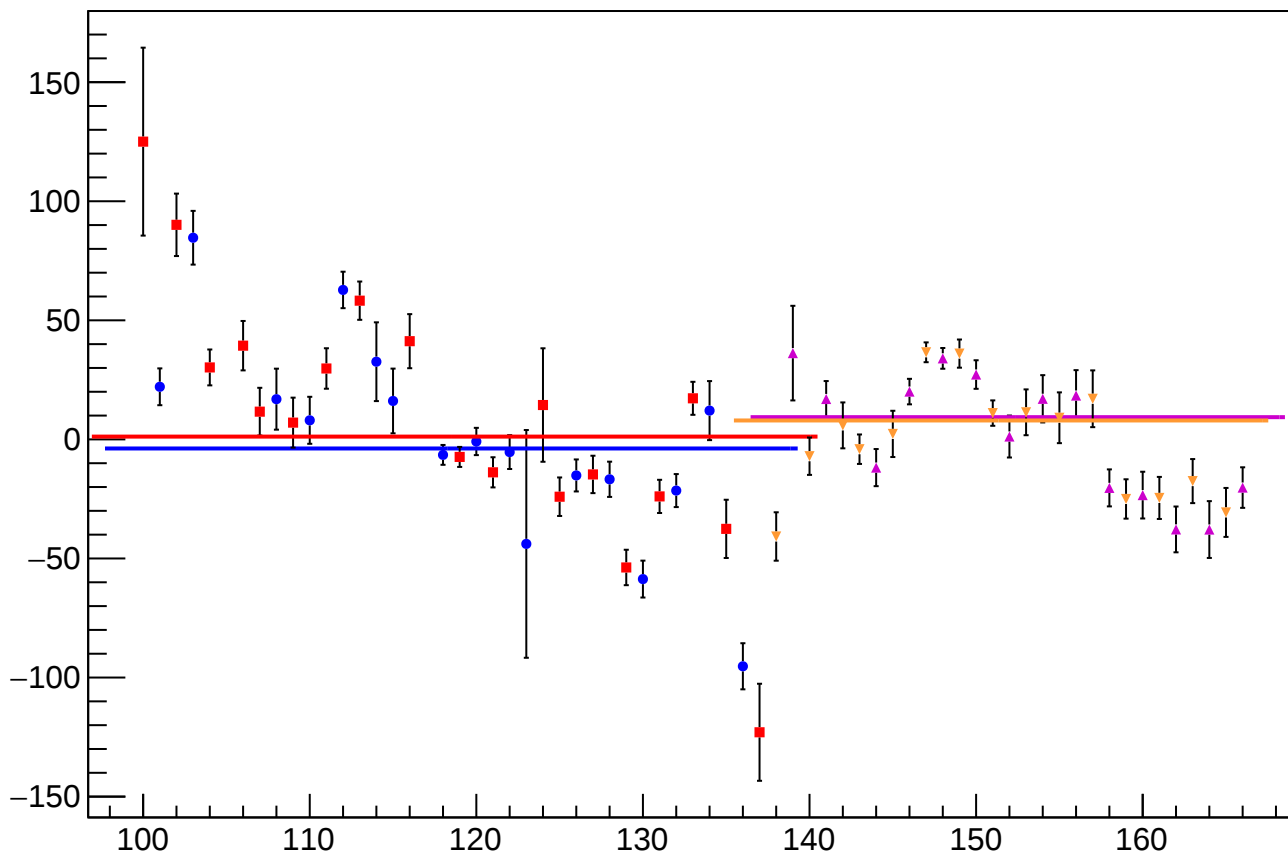
Left In: -527.405+/-2.964 χ^2/NDF : 595.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -505.621+/-2.071 χ^2/NDF : 3887.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.815 ± 1.923 χ^2/NDF : 314.3/16

Left Out: 7.950 ± 1.924 χ^2/NDF : 152.9/14

Right Out: 1.175 ± 1.914 χ^2/NDF : 303.9/18

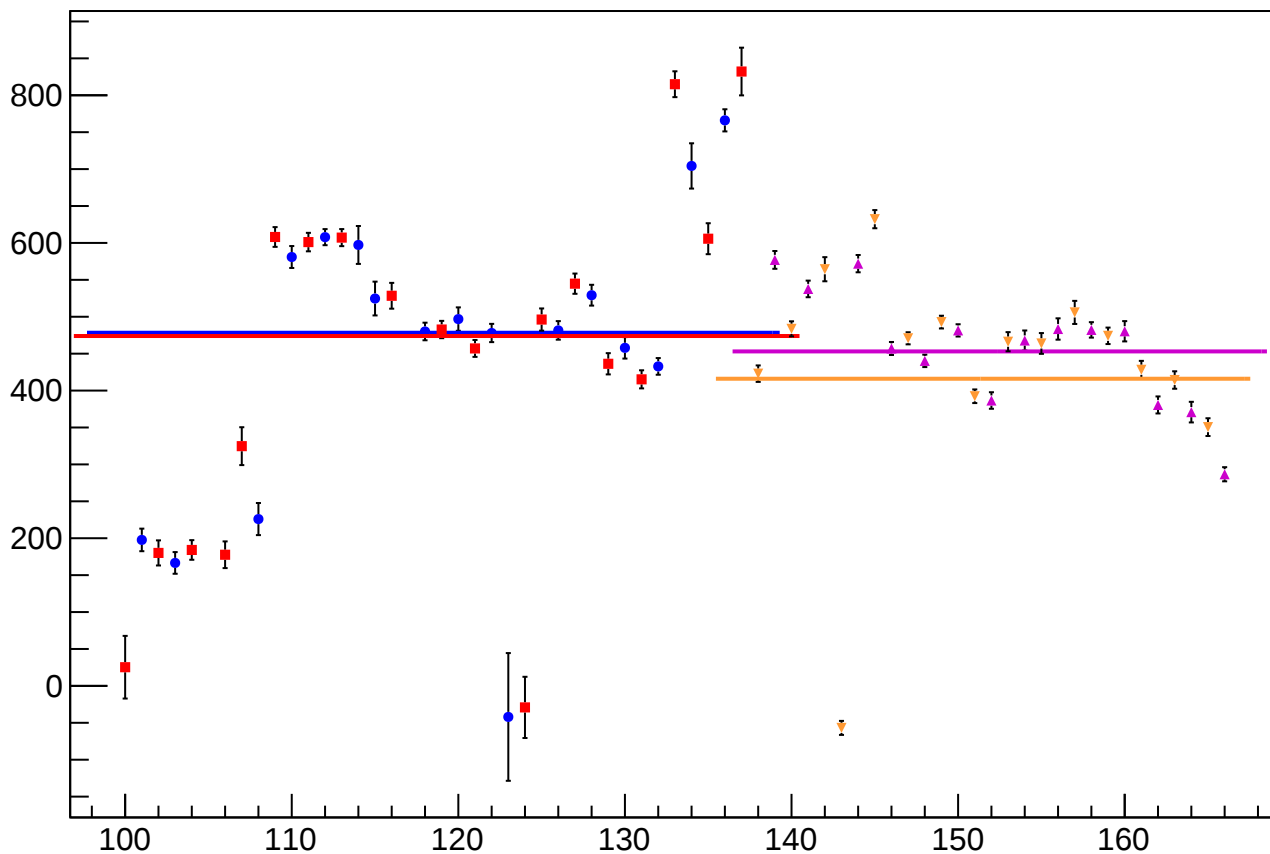
Left In: 9.336 ± 2.031 χ^2/NDF : 135.0/13

+ sign 2.064 ± 1.360 χ^2/NDF : 485.9/31

All: 3.503 ± 0.973 χ^2/NDF : 935.6/64

- sign 5.013 ± 1.393 χ^2/NDF : 447.4/32

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.334 $\pm$ 3.662 χ^2/NDF : 1628.8/16

Left Out: 416.041 $\pm$ 2.851 χ^2/NDF : 3161.2/14

Right Out: 473.902 $\pm$ 3.531 χ^2/NDF : 2285.0/18

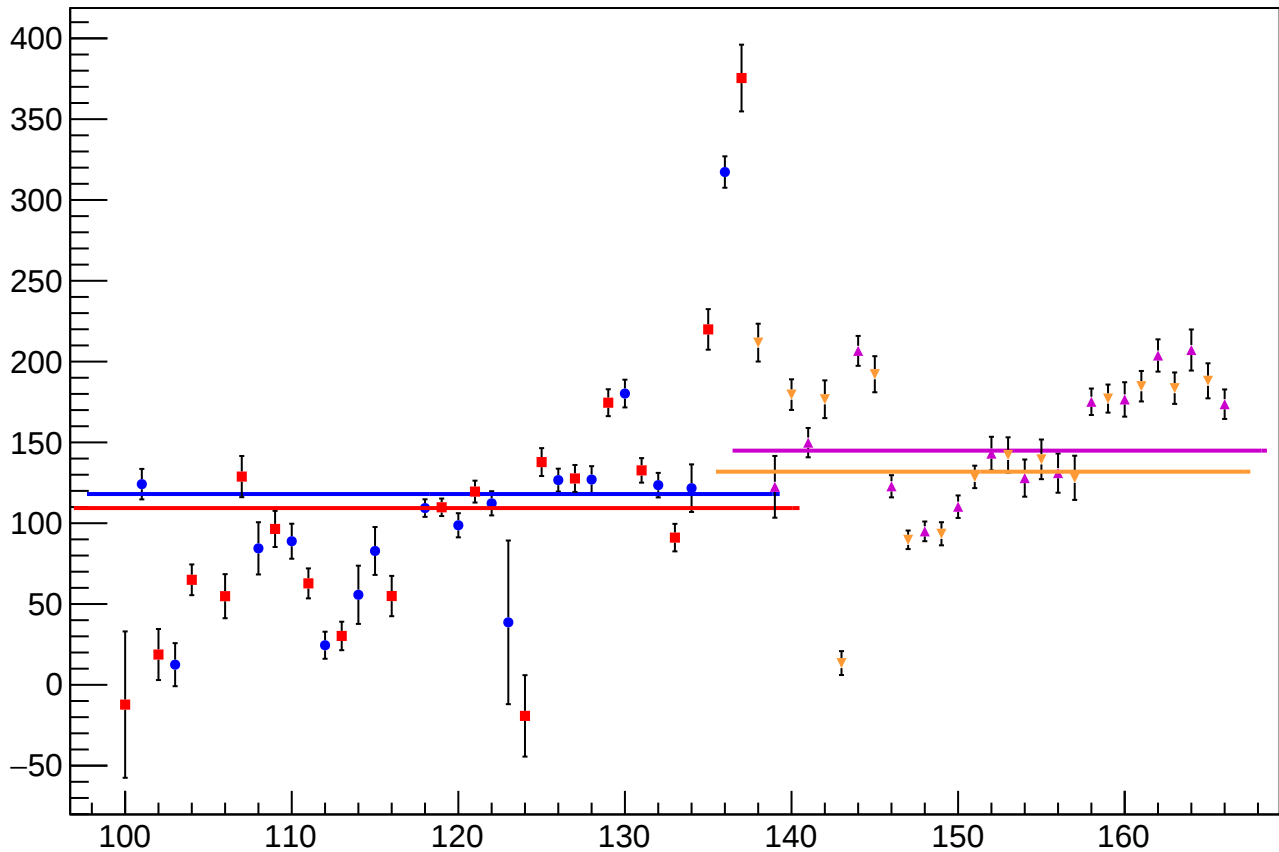
Left In: 453.043 $\pm$ 2.890 χ^2/NDF : 708.0/13

+ sign 439.545 $\pm$ 2.249 χ^2/NDF : 4970.2/31

All: 450.542 $\pm$ 1.586 χ^2/NDF : 8031.7/64

- sign 461.412 $\pm$ 2.237 χ^2/NDF : 3013.9/32

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 118.055 ± 2.225 χ^2/NDF : 705.3/16

Left Out: 131.886 ± 2.314 χ^2/NDF : 570.3/14

Right Out: 109.367 ± 2.205 χ^2/NDF : 569.8/18

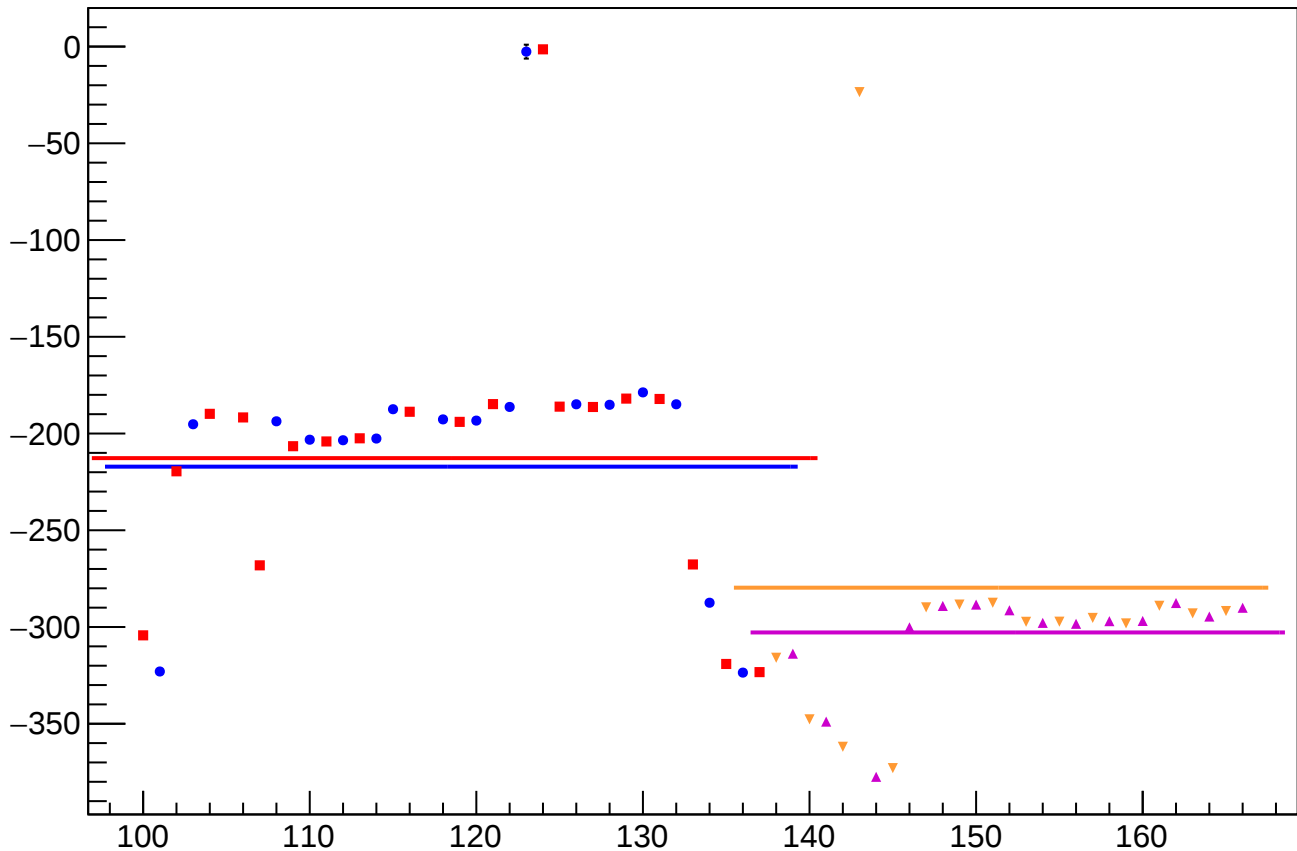
Left In: 144.903 ± 2.419 χ^2/NDF : 243.2/13

+ sign 124.699 ± 1.604 χ^2/NDF : 1294.2/31

All: 125.090 ± 1.143 χ^2/NDF : 2225.2/64

- sign 125.493 ± 1.629 χ^2/NDF : 930.9/32

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.120 ± 0.137 χ^2/NDF : 146559.7/16

Left Out: -279.673 ± 0.115 χ^2/NDF : 545590.1/14

Right Out: -212.715 ± 0.130 χ^2/NDF : 115566.2/18

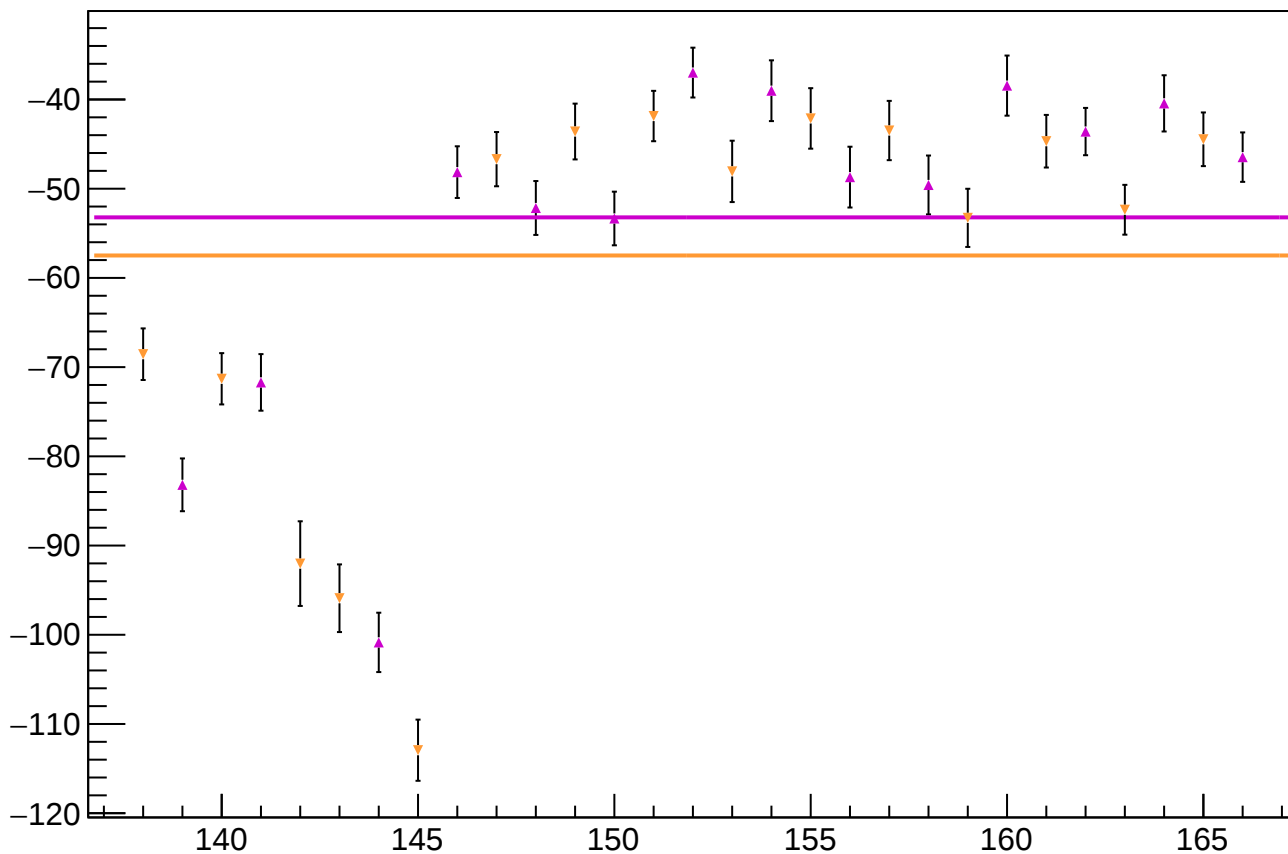
Left In: -302.814 ± 0.116 χ^2/NDF : 38691.7/13

+ sign -253.775 ± 0.088 χ^2/NDF : 815071.4/31

All: -258.356 ± 0.062 χ^2/NDF : 1241085.2/64

- sign -262.819 ± 0.087 χ^2/NDF : 420648.3/32

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -57.485+/-0.820 χ^2/NDF : 606.5/14

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

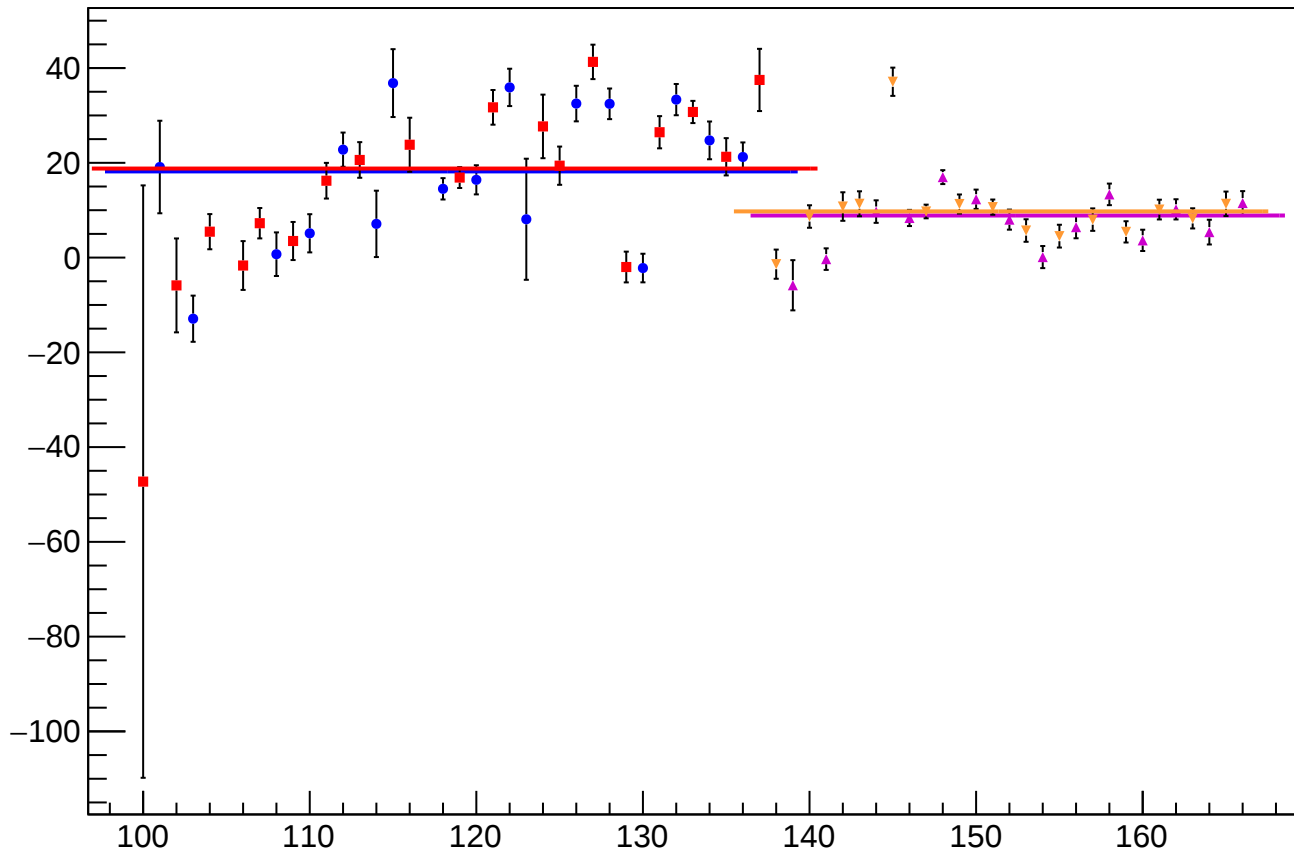
Left In: -53.214+/-0.817 χ^2/NDF : 453.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.341+/-0.579 χ^2/NDF : 1073.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.188 ± 0.917 χ^2/NDF : 204.9/16

Left Out: 9.749 ± 0.569 χ^2/NDF : 111.7/14

Right Out: 18.791 ± 0.863 χ^2/NDF : 198.8/18

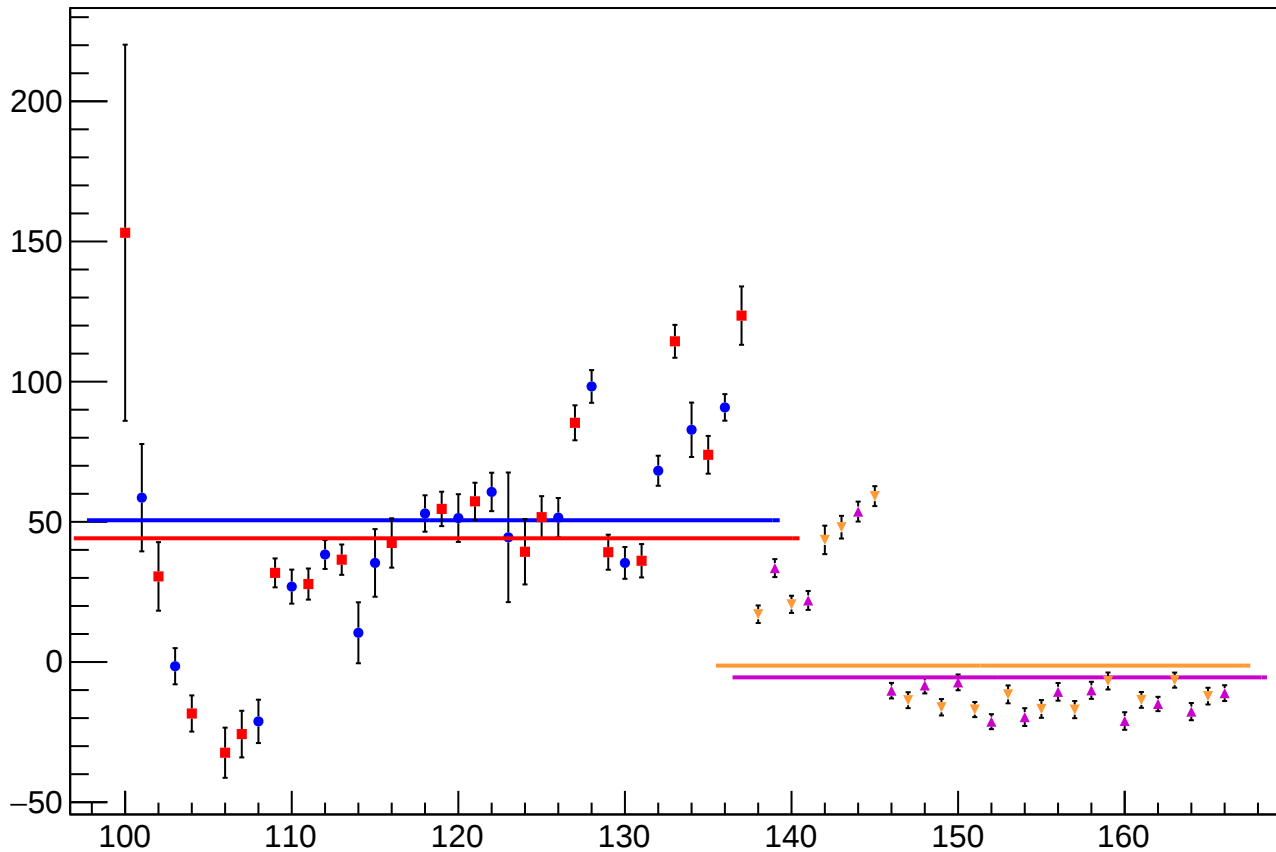
Left In: 8.881 ± 0.582 χ^2/NDF : 85.5/13

+ sign 12.092 ± 0.483 χ^2/NDF : 377.7/31

All: 12.034 ± 0.341 χ^2/NDF : 752.7/64

- sign 11.977 ± 0.482 χ^2/NDF : 375.0/32

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.565 ± 1.678 $\chi^2/\text{NDF}: 357.9/16$

Left Out: -1.274 ± 0.802 $\chi^2/\text{NDF}: 777.8/14$

Right Out: 44.132 ± 1.603 $\chi^2/\text{NDF}: 532.5/18$

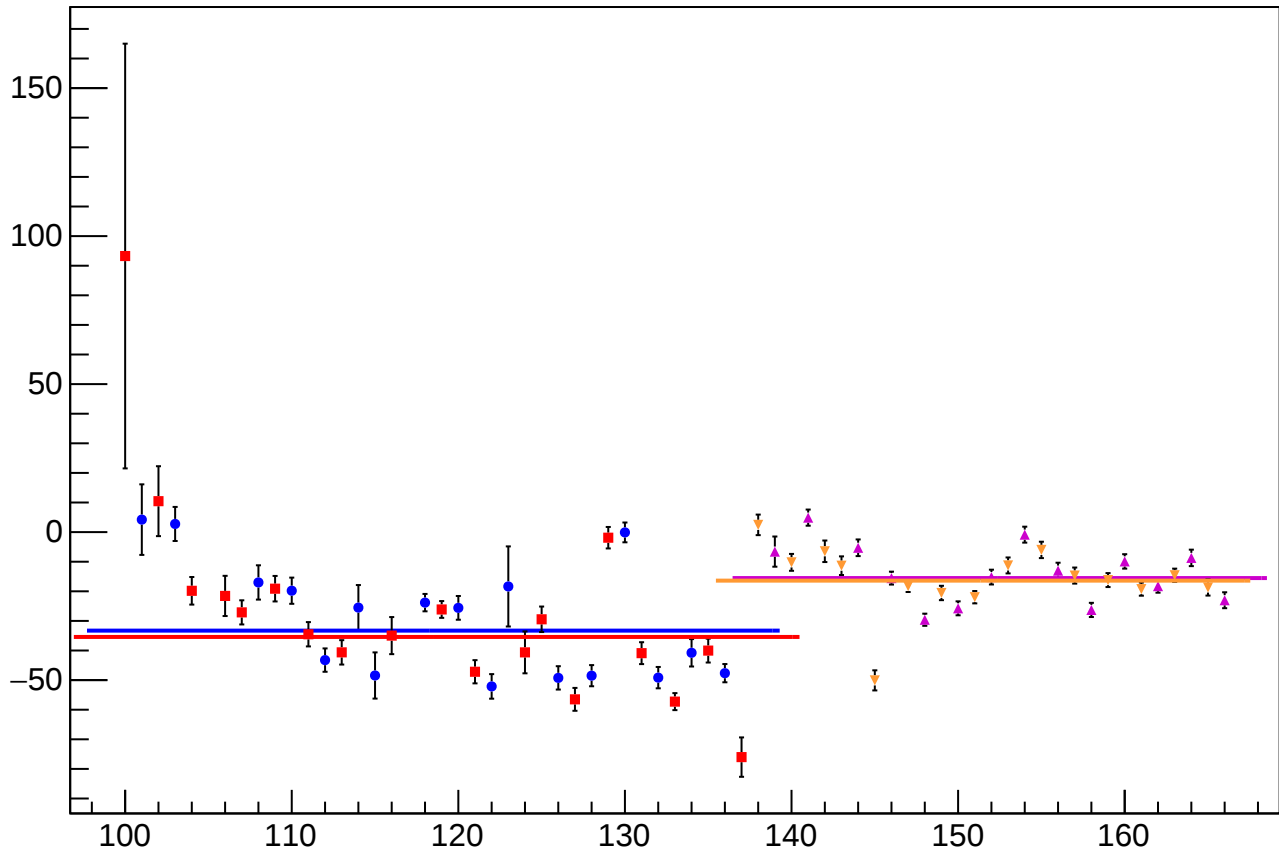
Left In: -5.474 ± 0.796 $\chi^2/\text{NDF}: 612.7/13$

+ sign 8.370 ± 0.724 $\chi^2/\text{NDF}: 1913.0/31$

All: 6.321 ± 0.508 $\chi^2/\text{NDF}: 3842.8/64$

- sign 4.334 ± 0.713 $\chi^2/\text{NDF}: 1914.0/32$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.281 ± 1.043 χ^2/NDF : 290.1/16

Left Out: -16.391 ± 0.668 χ^2/NDF : 174.7/14

Right Out: -35.417 ± 0.991 χ^2/NDF : 289.7/18

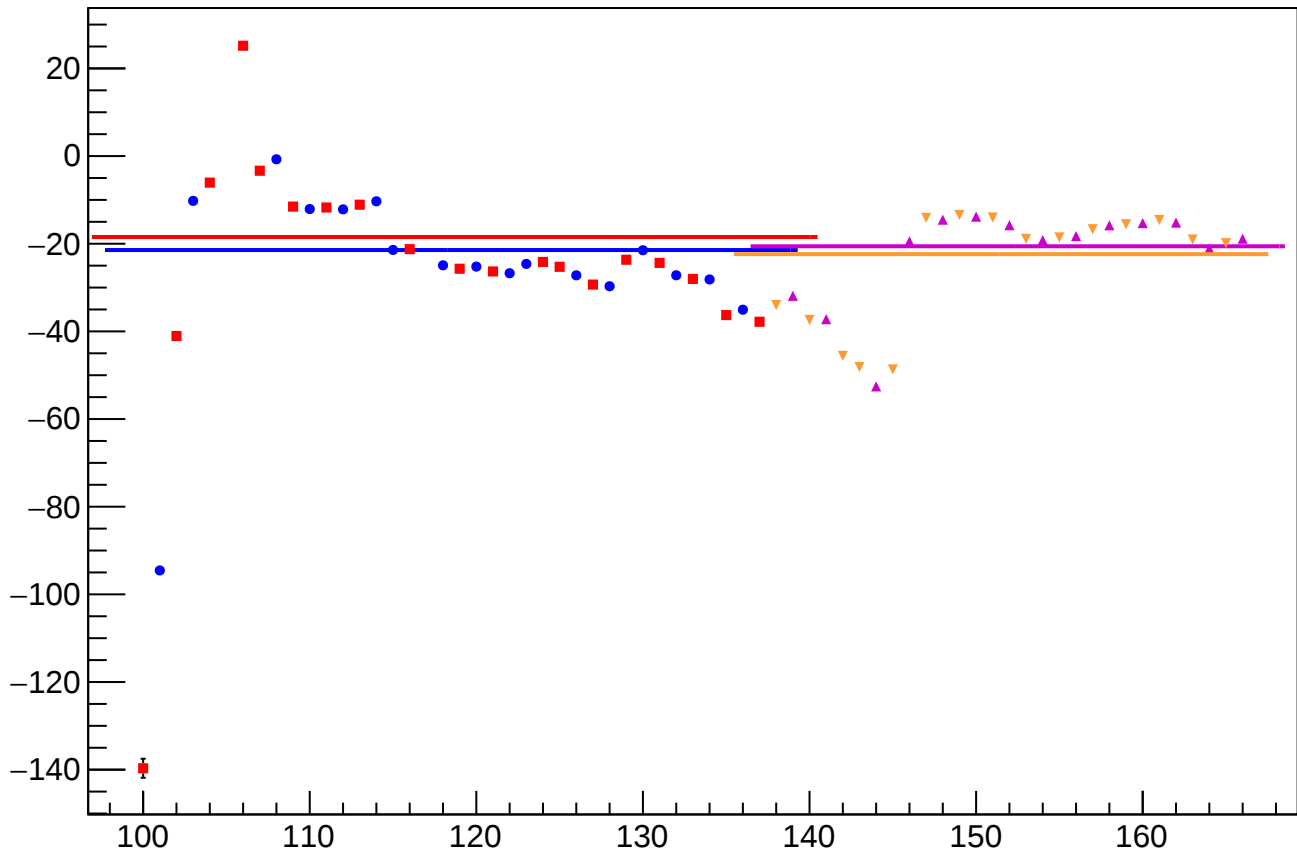
Left In: -15.528 ± 0.678 χ^2/NDF : 209.4/13

+ sign -21.299 ± 0.562 χ^2/NDF : 650.7/31

All: -21.582 ± 0.397 χ^2/NDF : 1424.7/64

- sign -21.863 ± 0.559 χ^2/NDF : 773.5/32

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.442 ± 0.059 $\chi^2/\text{NDF}: 48968.5/16$

Left Out: -22.372 ± 0.031 $\chi^2/\text{NDF}: 124976.2/14$

Right Out: -18.463 ± 0.057 $\chi^2/\text{NDF}: 80470.6/18$

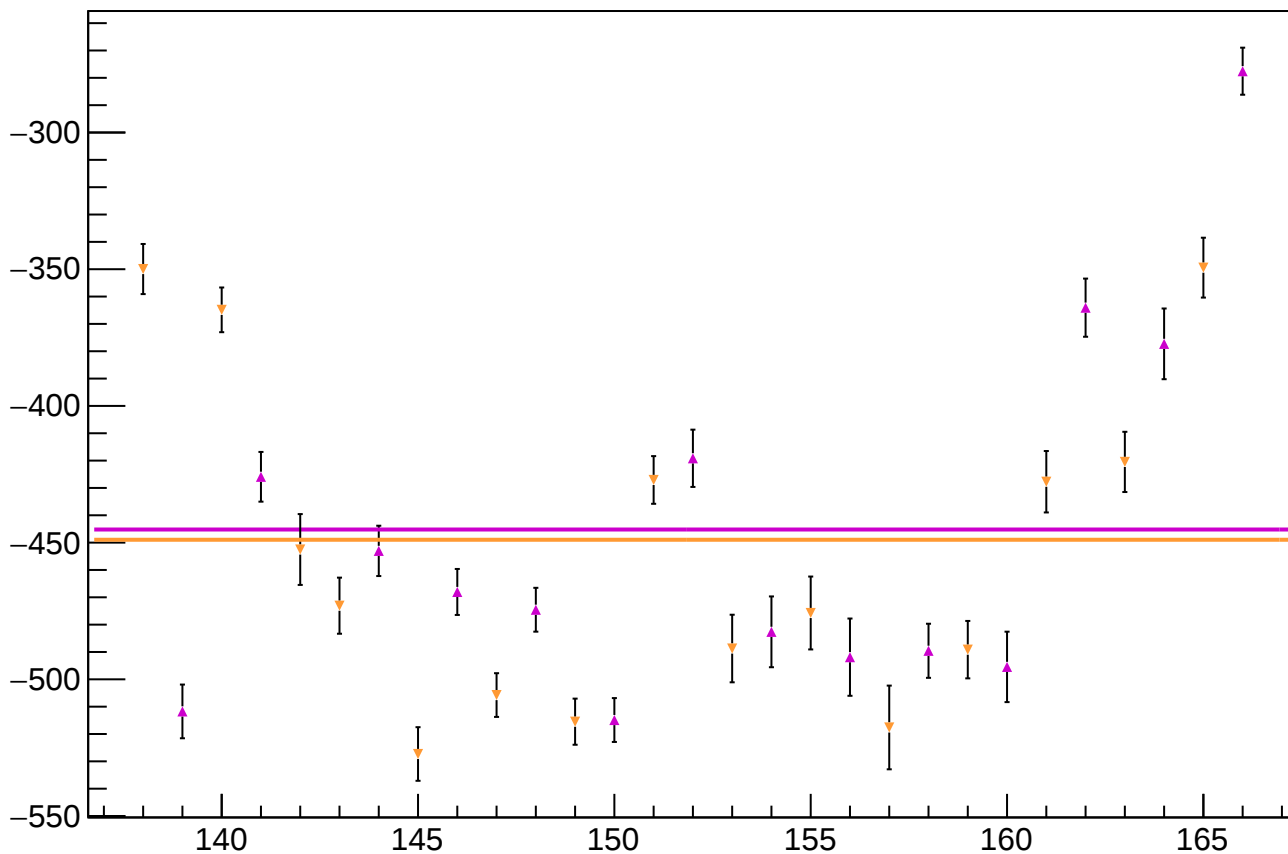
Left In: -20.578 ± 0.031 $\chi^2/\text{NDF}: 82871.3/13$

+ sign -22.165 ± 0.028 $\chi^2/\text{NDF}: 174138.4/31$

All: -21.120 ± 0.020 $\chi^2/\text{NDF}: 341341.2/64$

- sign -20.092 ± 0.028 $\chi^2/\text{NDF}: 164388.0/32$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -448.953+/-2.621 χ^2/NDF : 553.0/14

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

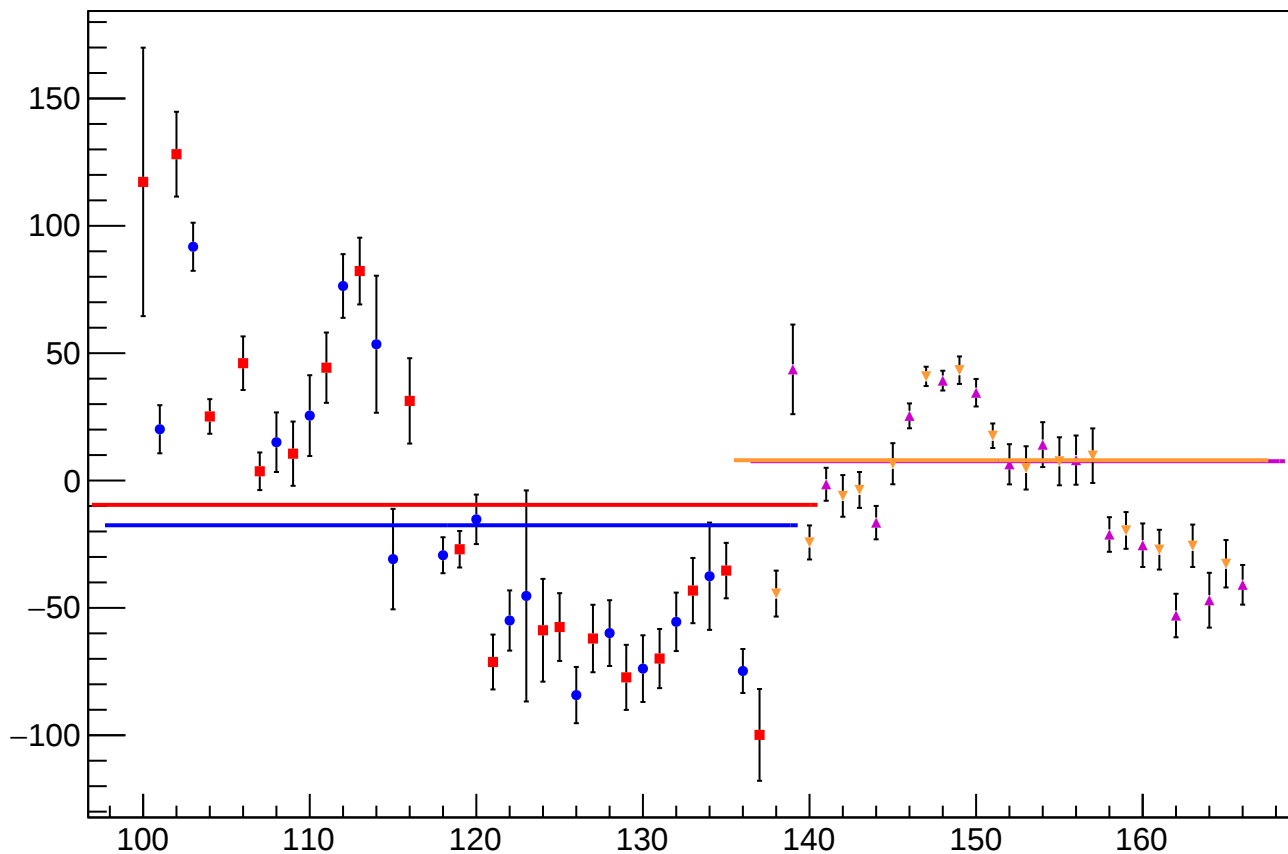
Left In: -445.204+/-2.634 χ^2/NDF : 673.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -447.088+/-1.858 χ^2/NDF : 1227.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.564 ± 2.820 χ^2/NDF : 363.7/16

Left Out: 7.973 ± 1.747 χ^2/NDF : 255.6/14

Right Out: -9.547 ± 2.609 χ^2/NDF : 370.3/18

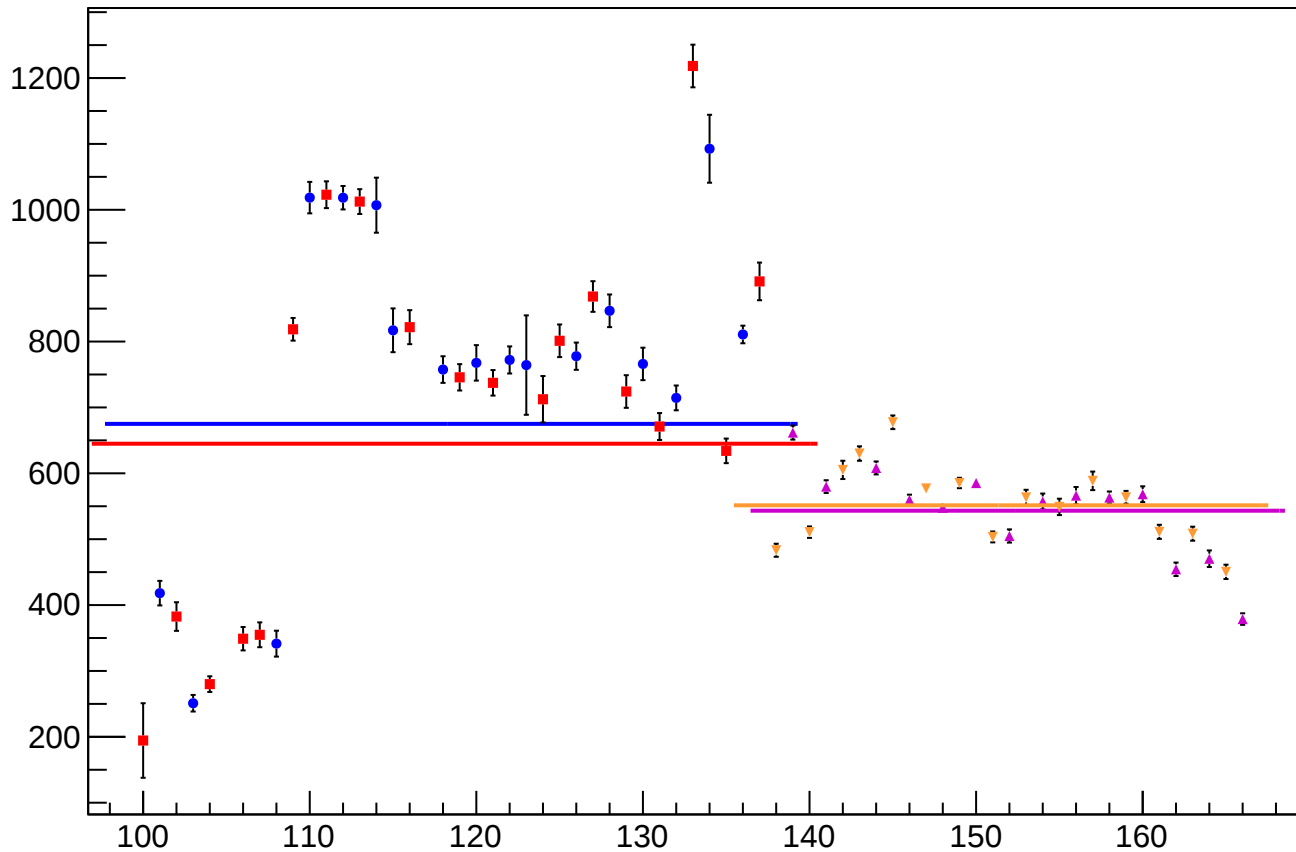
Left In: 7.588 ± 1.806 χ^2/NDF : 272.3/13

+ sign 0.894 ± 1.485 χ^2/NDF : 678.6/31

All: 1.465 ± 1.050 χ^2/NDF : 1350.6/64

- sign 2.036 ± 1.485 χ^2/NDF : 671.7/32

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.045 ± 5.067 $\chi^2/\text{NDF}: 2584.3/16$

Left Out: 551.417 ± 2.578 $\chi^2/\text{NDF}: 474.1/14$

Right Out: 644.915 ± 4.761 $\chi^2/\text{NDF}: 3122.2/18$

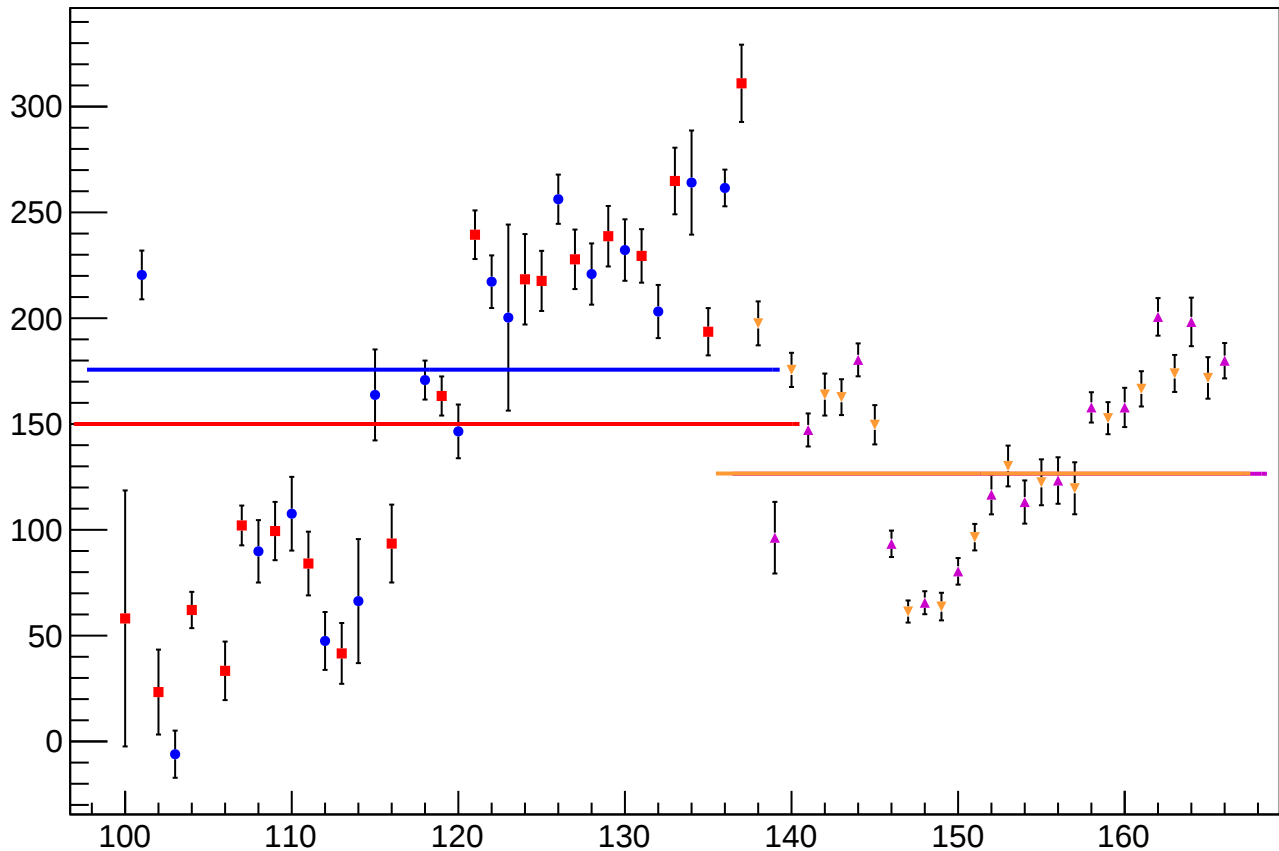
Left In: 543.236 ± 2.571 $\chi^2/\text{NDF}: 706.9/13$

+ sign 576.840 ± 2.298 $\chi^2/\text{NDF}: 3531.2/31$

All: 571.433 ± 1.612 $\chi^2/\text{NDF}: 7724.3/64$

- sign 566.192 ± 2.262 $\chi^2/\text{NDF}: 4182.2/32$

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.686 $\pm$ 3.239 χ^2 /NDF: 637.9/16

Left Out: 126.611 $\pm$ 2.099 χ^2 /NDF: 479.5/14

Right Out: 150.017 $\pm$ 3.042 χ^2 /NDF: 693.8/18

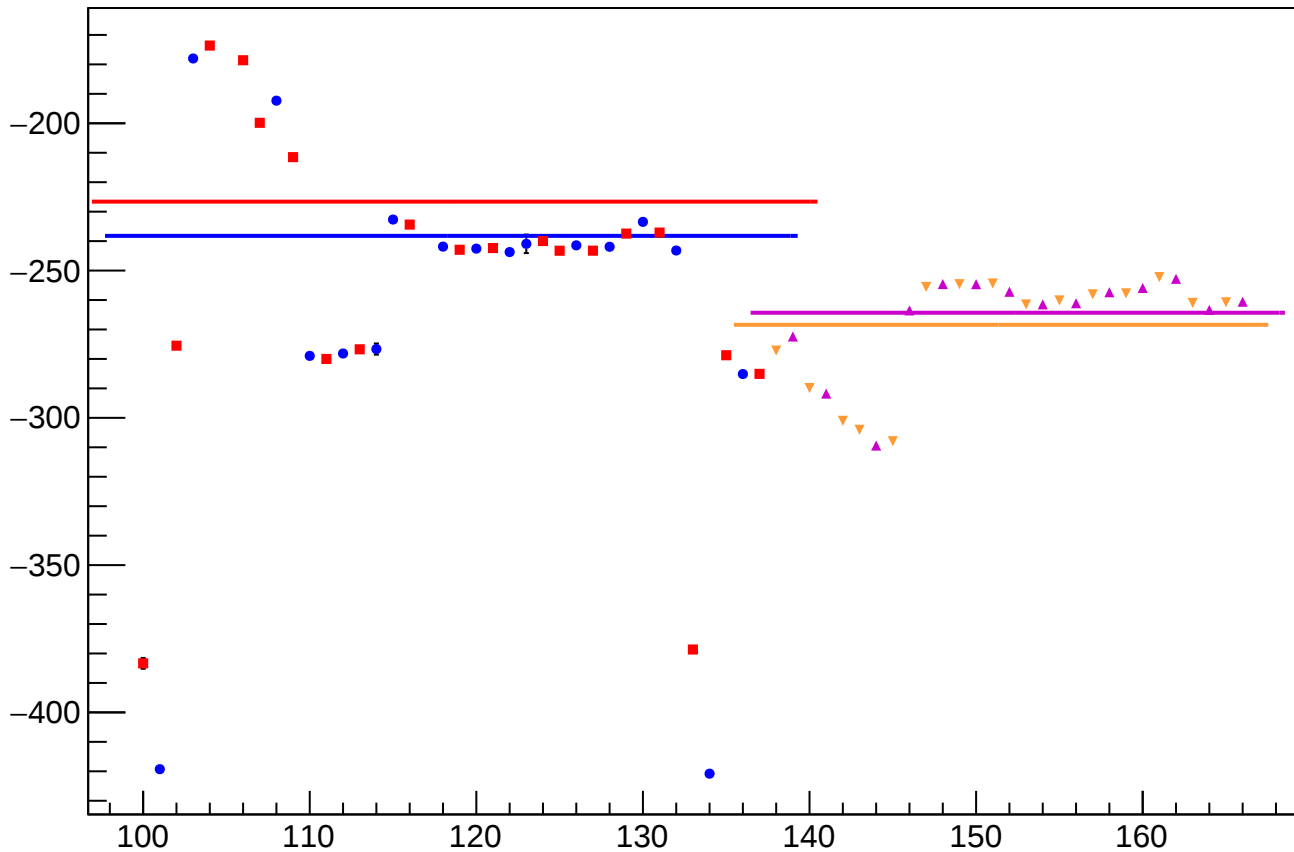
Left In: 126.498 $\pm$ 2.150 χ^2 /NDF: 449.3/13

+ sign 141.125 $\pm$ 1.761 χ^2 /NDF: 1279.1/31

All: 137.716 $\pm$ 1.243 χ^2 /NDF: 2469.5/64

- sign 134.331 $\pm$ 1.756 χ^2 /NDF: 1182.9/32

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.217 $\pm$ 0.160 χ^2 /NDF: 167120.0/16

Left Out: -268.408 $\pm$ 0.104 χ^2 /NDF: 31839.9/14

Right Out: -226.597 $\pm$ 0.151 χ^2 /NDF: 102562.3/18

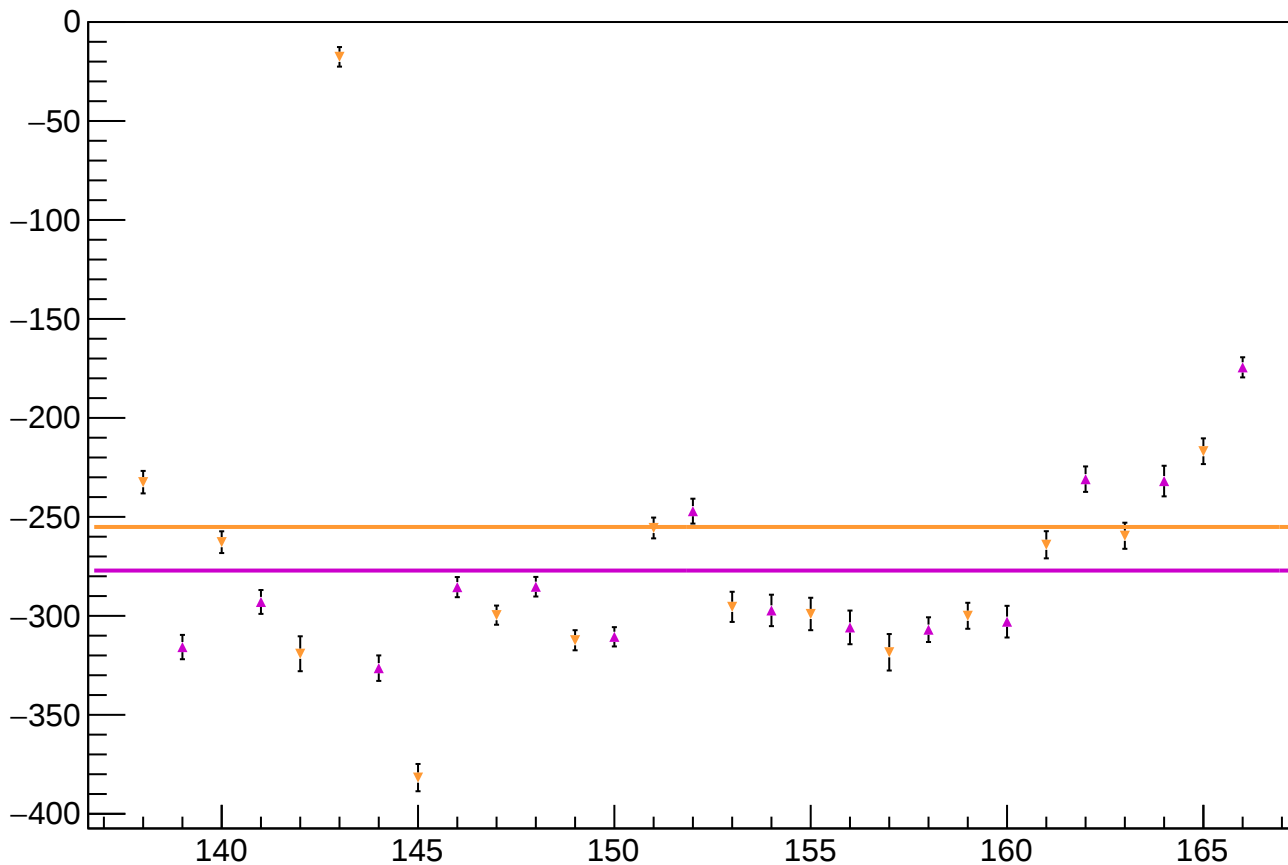
Left In: -264.320 $\pm$ 0.103 χ^2 /NDF: 20352.3/13

+ sign -259.504 $\pm$ 0.087 χ^2 /NDF: 223922.5/31

All: -255.832 $\pm$ 0.061 χ^2 /NDF: 392728.9/64

- sign -252.310 $\pm$ 0.085 χ^2 /NDF: 165326.3/32

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -255.089+/-1.598 χ^2/NDF : 3112.8/14

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

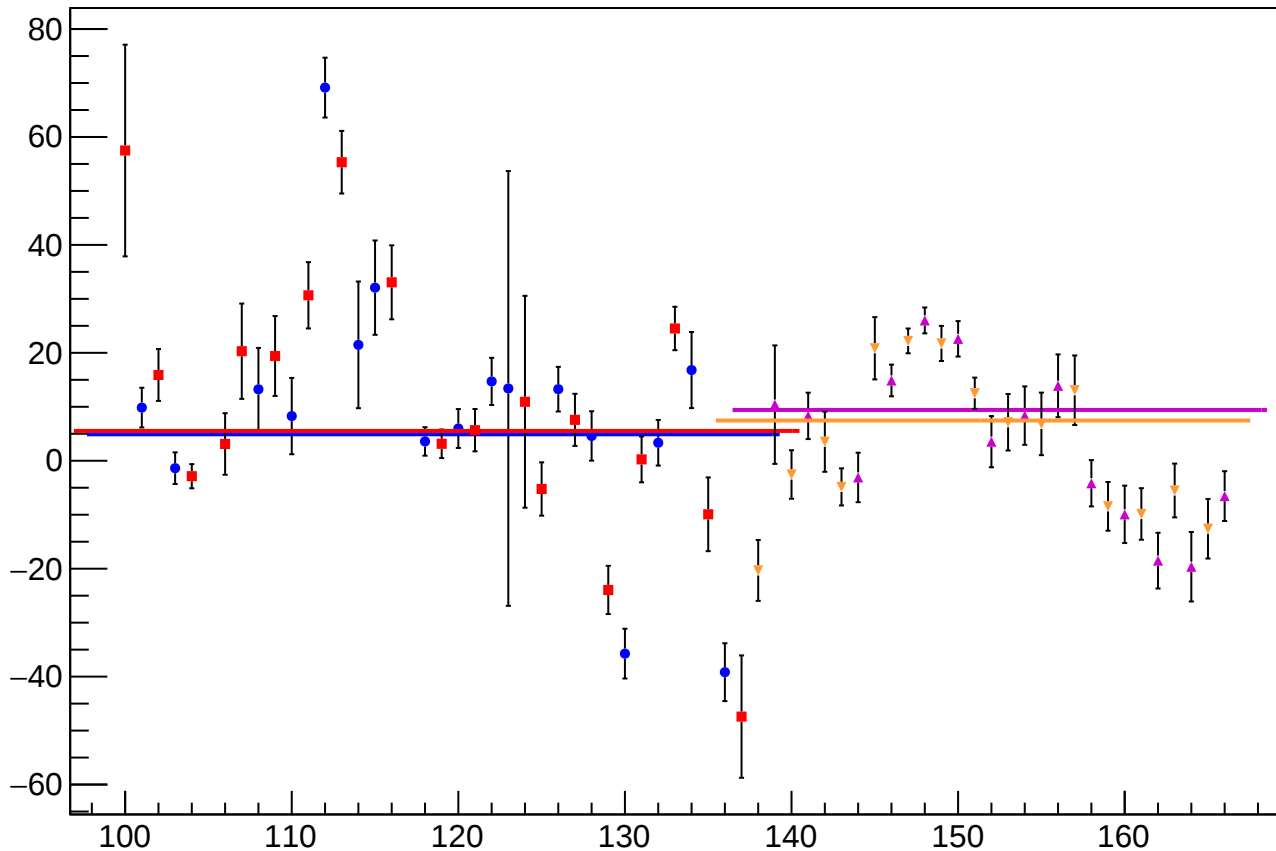
Left In: -277.112+/-1.632 χ^2/NDF : 724.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -265.868+/-1.142 χ^2/NDF : 3930.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.905 ± 1.105 χ^2/NDF : 311.7/16

Left Out: 7.461 ± 1.061 χ^2/NDF : 157.8/14

Right Out: 5.530 ± 1.069 χ^2/NDF : 238.9/18

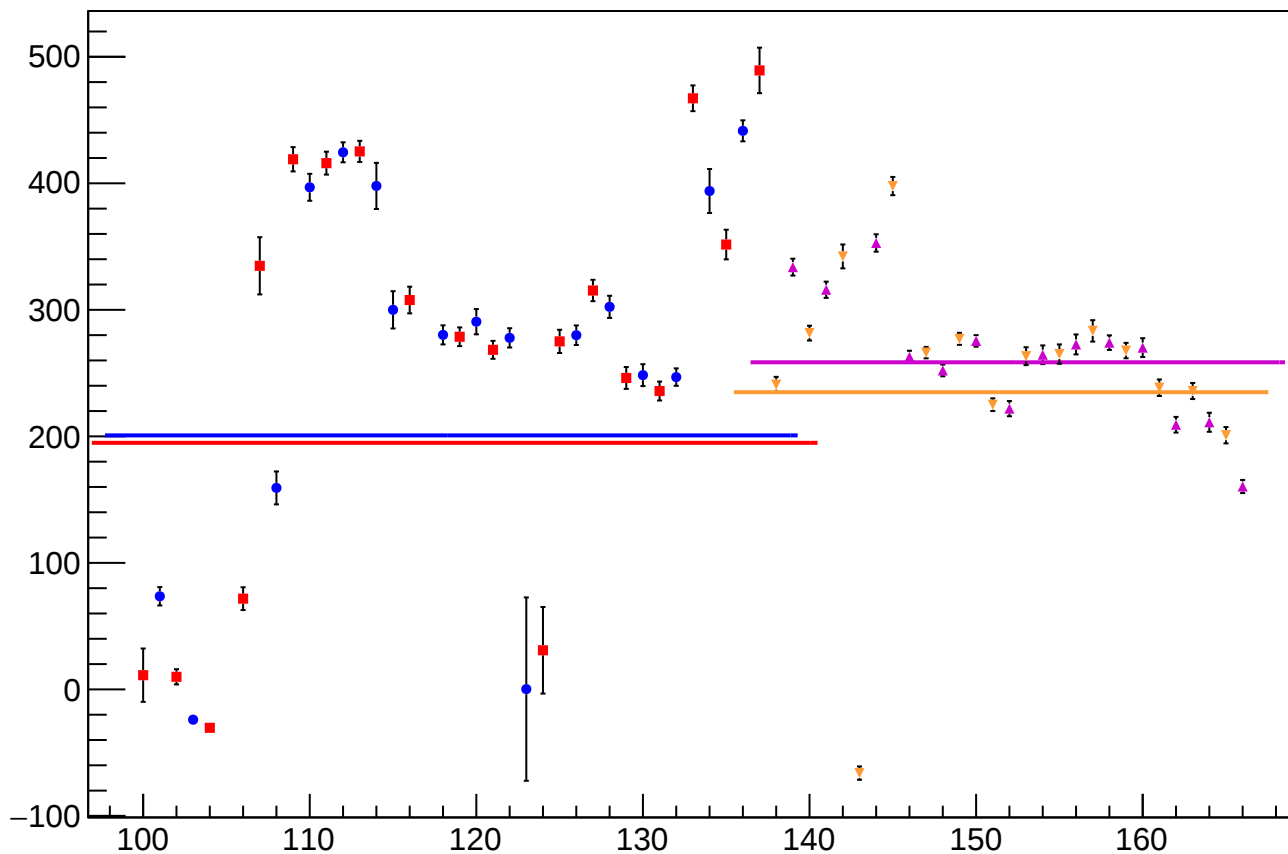
Left In: 9.416 ± 1.119 χ^2/NDF : 161.9/13

+ sign 6.235 ± 0.766 χ^2/NDF : 472.3/31

All: 6.804 ± 0.544 χ^2/NDF : 880.5/64

- sign 7.384 ± 0.773 χ^2/NDF : 407.1/32

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 200.773 $\pm$ 1.983 χ^2 /NDF: 6733.0/16

Left Out: 234.910 $\pm$ 1.571 χ^2 /NDF: 4206.1/14

Right Out: 194.892 $\pm$ 1.924 χ^2 /NDF: 8247.1/18

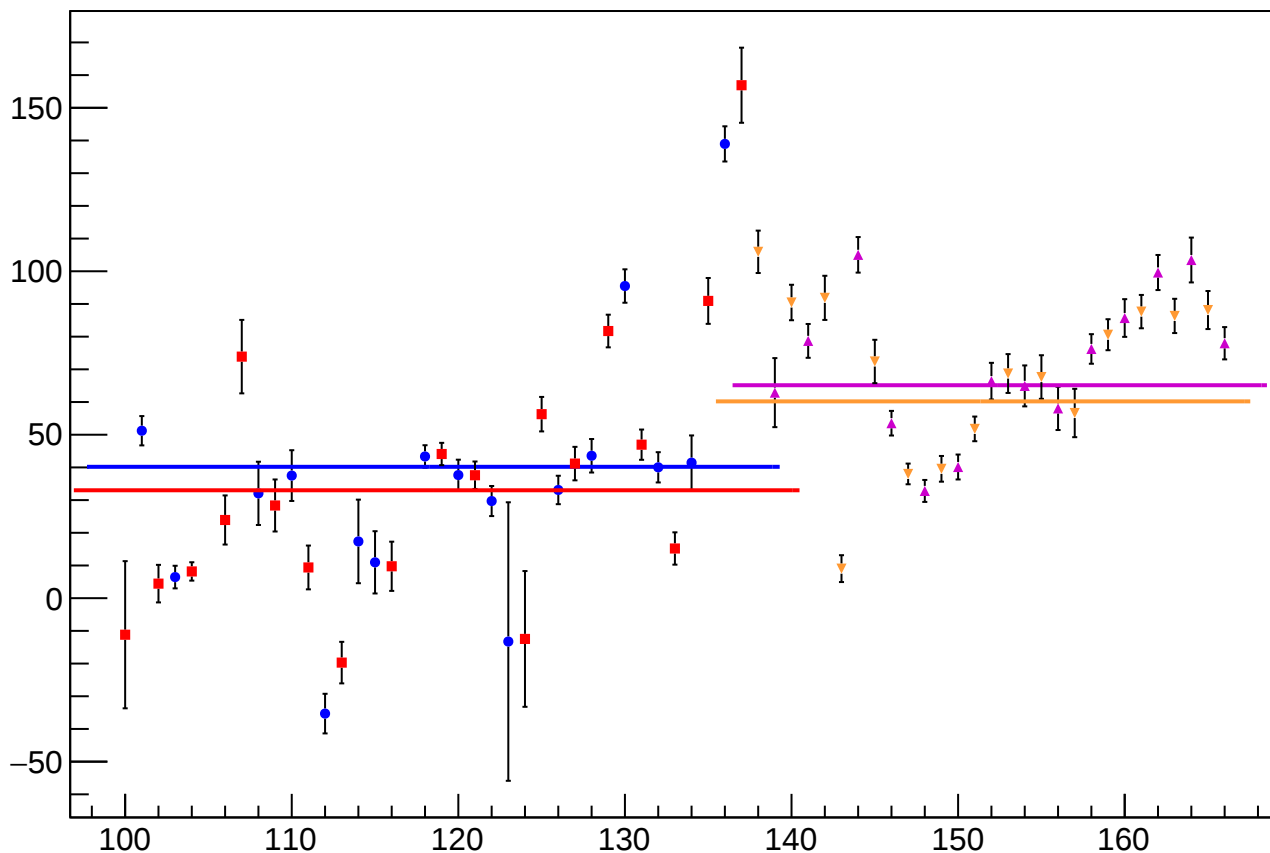
Left In: 258.541 $\pm$ 1.589 χ^2 /NDF: 923.8/13

+ sign 221.745 $\pm$ 1.232 χ^2 /NDF: 11121.1/31

All: 227.263 $\pm$ 0.869 χ^2 /NDF: 20982.6/64

- sign 232.724 $\pm$ 1.225 χ^2 /NDF: 9821.5/32

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.185 $\pm$ 1.283 χ^2 /NDF: 734.6/16

Left Out: 33.006 $\pm$ 1.250 χ^2 /NDF: 552.7/18

Right Out: 60.201 $\pm$ 1.276 χ^2 /NDF: 441.9/14

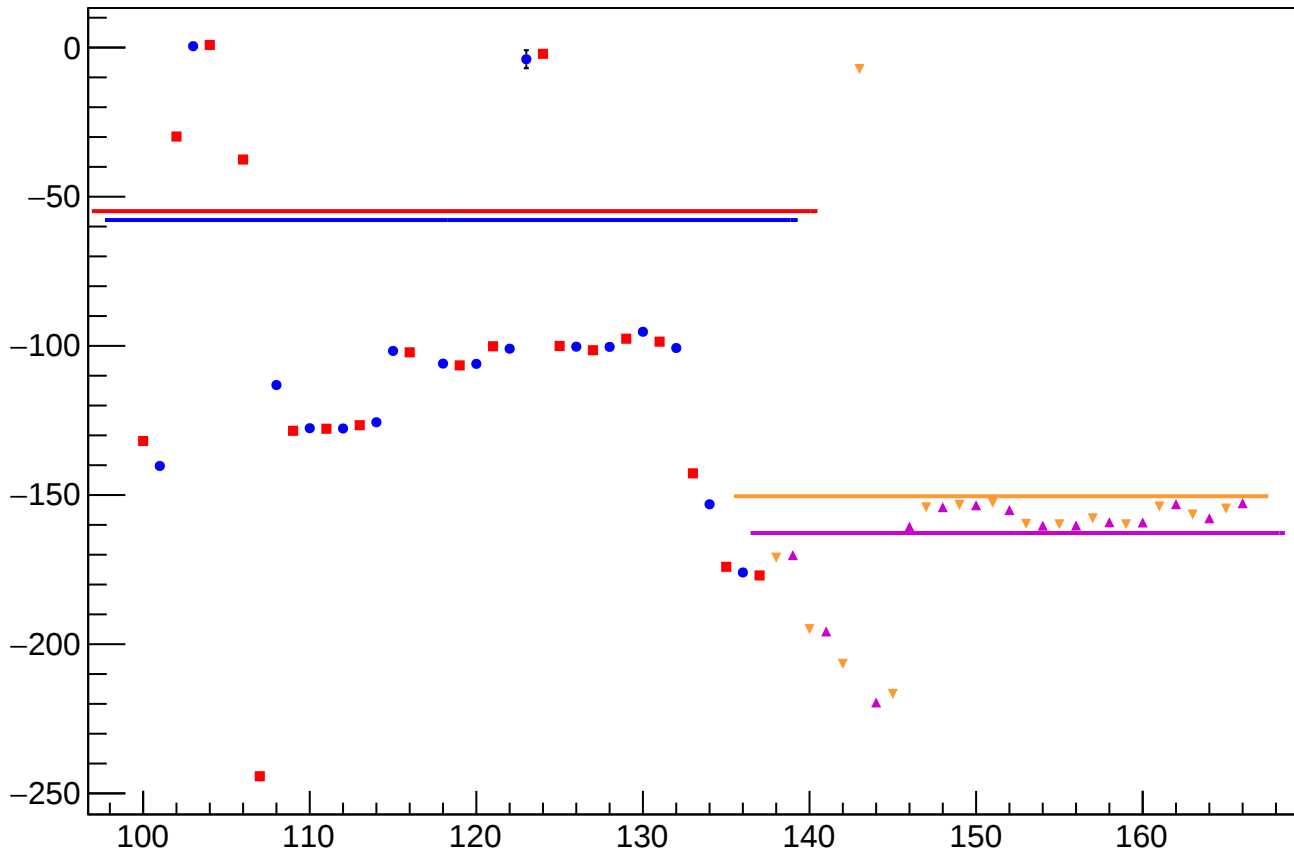
Left In: 65.140 $\pm$ 1.331 χ^2 /NDF: 305.1/13

+ sign 50.251 $\pm$ 0.905 χ^2 /NDF: 1298.9/31

All: 49.166 $\pm$ 0.642 χ^2 /NDF: 2469.1/64

- sign 48.065 $\pm$ 0.911 χ^2 /NDF: 1167.3/32

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -57.821 ± 0.062 $\chi^2/\text{NDF}: 1101296.2/16$

Left Out: -150.392 ± 0.063 $\chi^2/\text{NDF}: 579840.6/14$

Right Out: -54.833 ± 0.060 $\chi^2/\text{NDF}: 1000741.7/18$

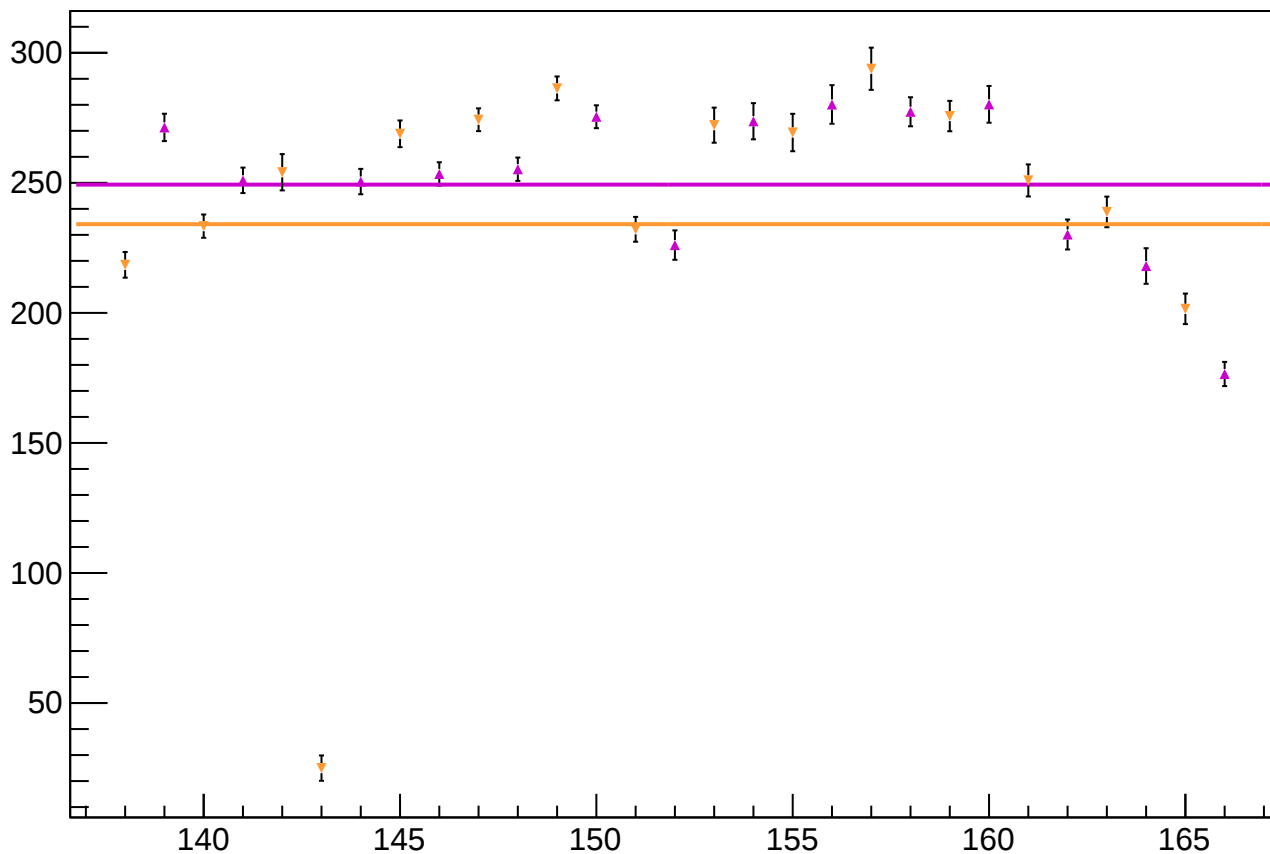
Left In: -162.730 ± 0.064 $\chi^2/\text{NDF}: 62193.9/13$

+ sign -103.063 ± 0.044 $\chi^2/\text{NDF}: 2778133.0/31$

All: -104.340 ± 0.031 $\chi^2/\text{NDF}: 5352416.3/64$

- sign -105.595 ± 0.044 $\chi^2/\text{NDF}: 2572628.2/32$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 234.113 +/- 1.407 χ^2/NDF : 2321.5/14

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

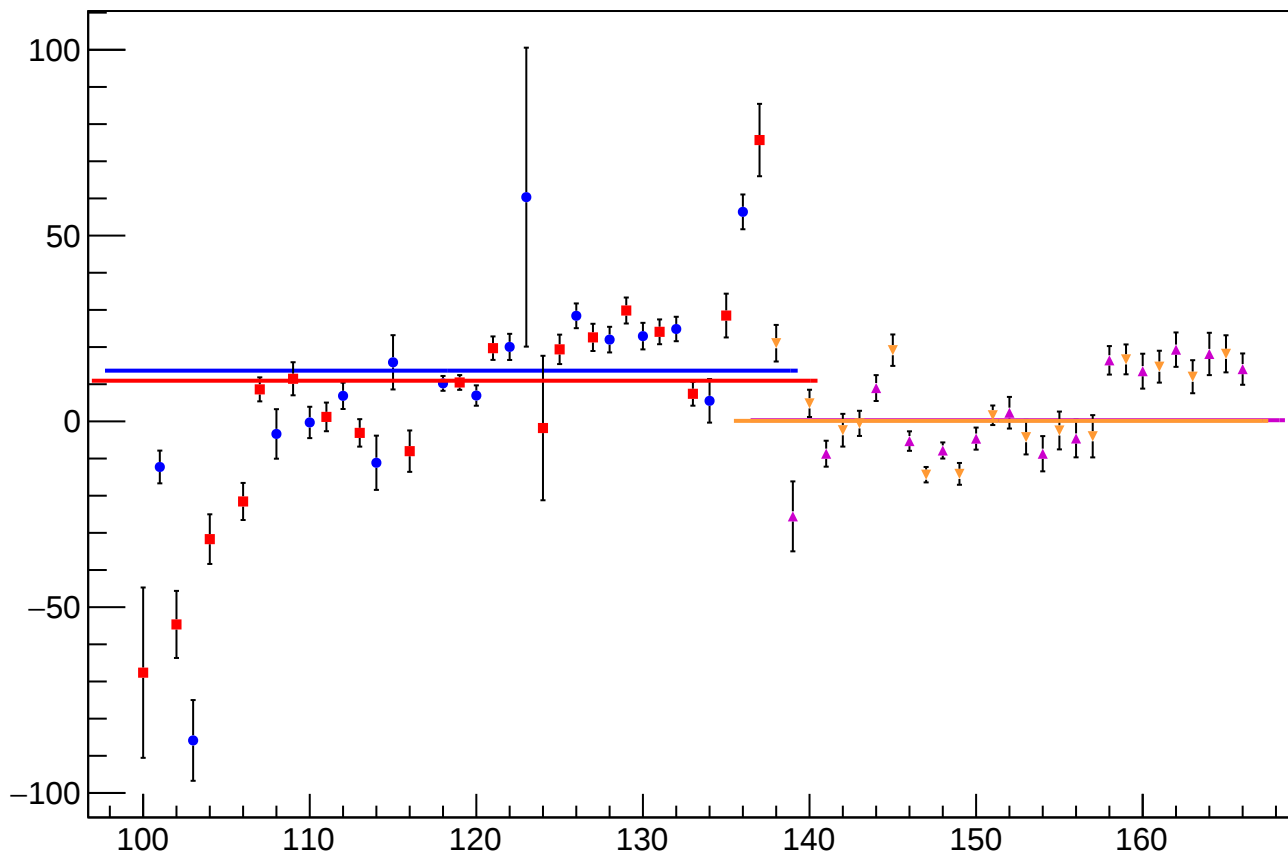
Left In: 249.317 +/- 1.428 χ^2/NDF : 423.1/13

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 241.605 +/- 1.002 χ^2/NDF : 2802.1/28

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.652 ± 0.936 χ^2/NDF : 294.0/16

Left Out: 0.140 ± 0.943 χ^2/NDF : 163.2/14

Right Out: 10.944 ± 0.913 χ^2/NDF : 302.5/18

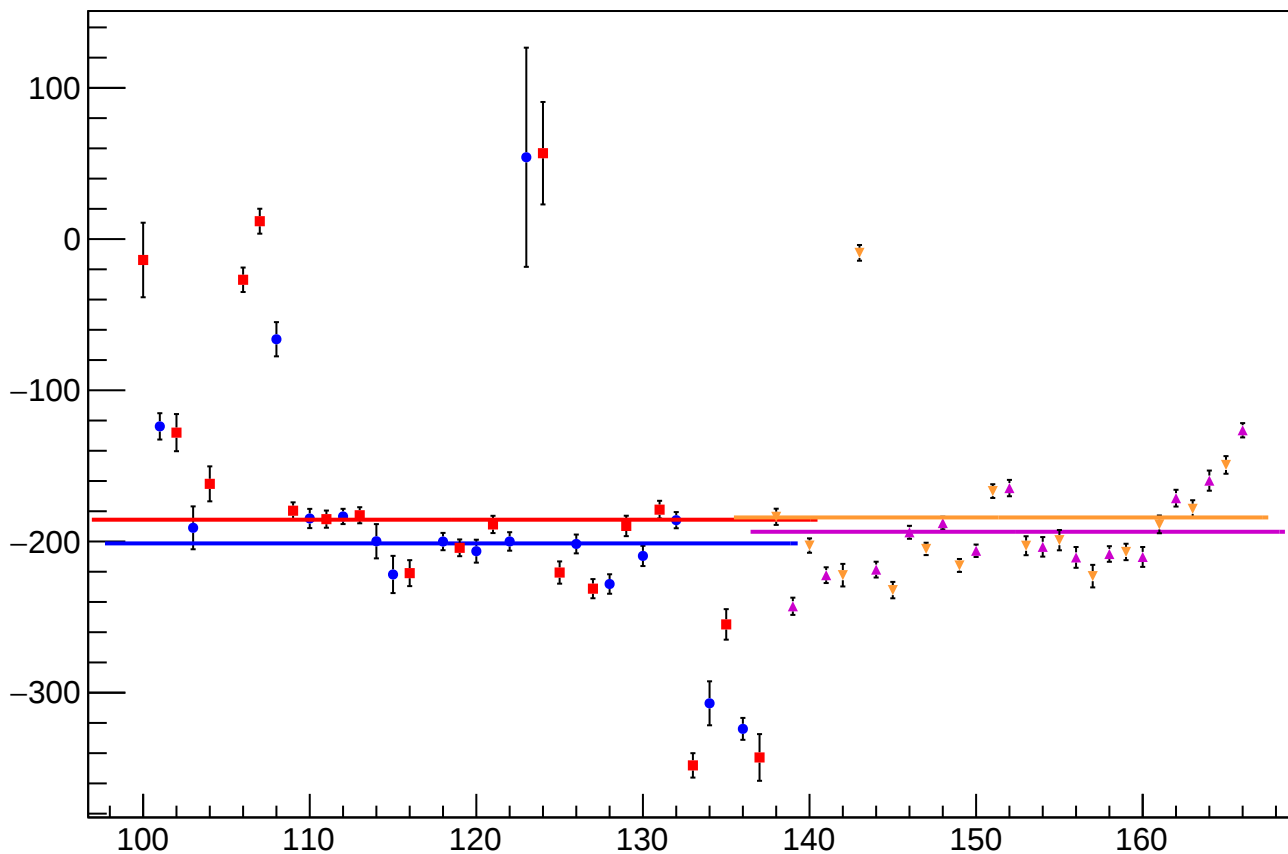
Left In: 0.313 ± 0.984 χ^2/NDF : 109.4/13

+ sign 6.942 ± 0.664 χ^2/NDF : 560.7/31

All: 6.488 ± 0.472 χ^2/NDF : 1036.3/64

- sign 6.026 ± 0.669 χ^2/NDF : 474.7/32

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.266 ± 1.795 χ^2/NDF : 623.4/16

Left Out: -184.101 ± 1.387 χ^2/NDF : 1444.1/14

Right Out: -185.593 ± 1.699 χ^2/NDF : 1746.0/18

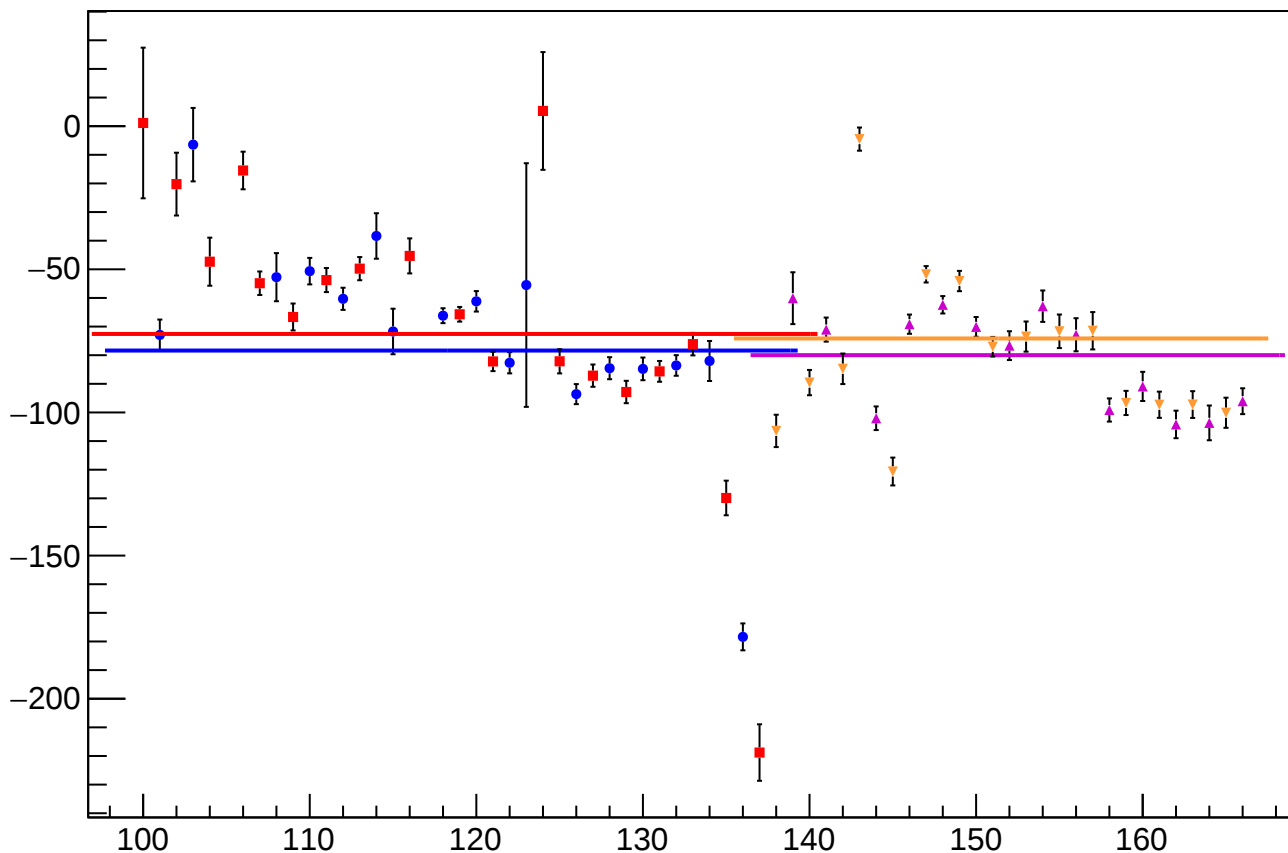
Left In: -193.574 ± 1.395 χ^2/NDF : 433.4/13

+ sign -190.519 ± 1.098 χ^2/NDF : 2124.7/31

All: -190.438 ± 0.769 χ^2/NDF : 4317.3/64

- sign -190.360 ± 1.078 χ^2/NDF : 2192.6/32

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -78.376 ± 1.081 χ^2/NDF : 651.4/16

Left Out: -74.154 ± 1.131 χ^2/NDF : 633.5/14

Right Out: -72.577 ± 1.052 χ^2/NDF : 605.8/18

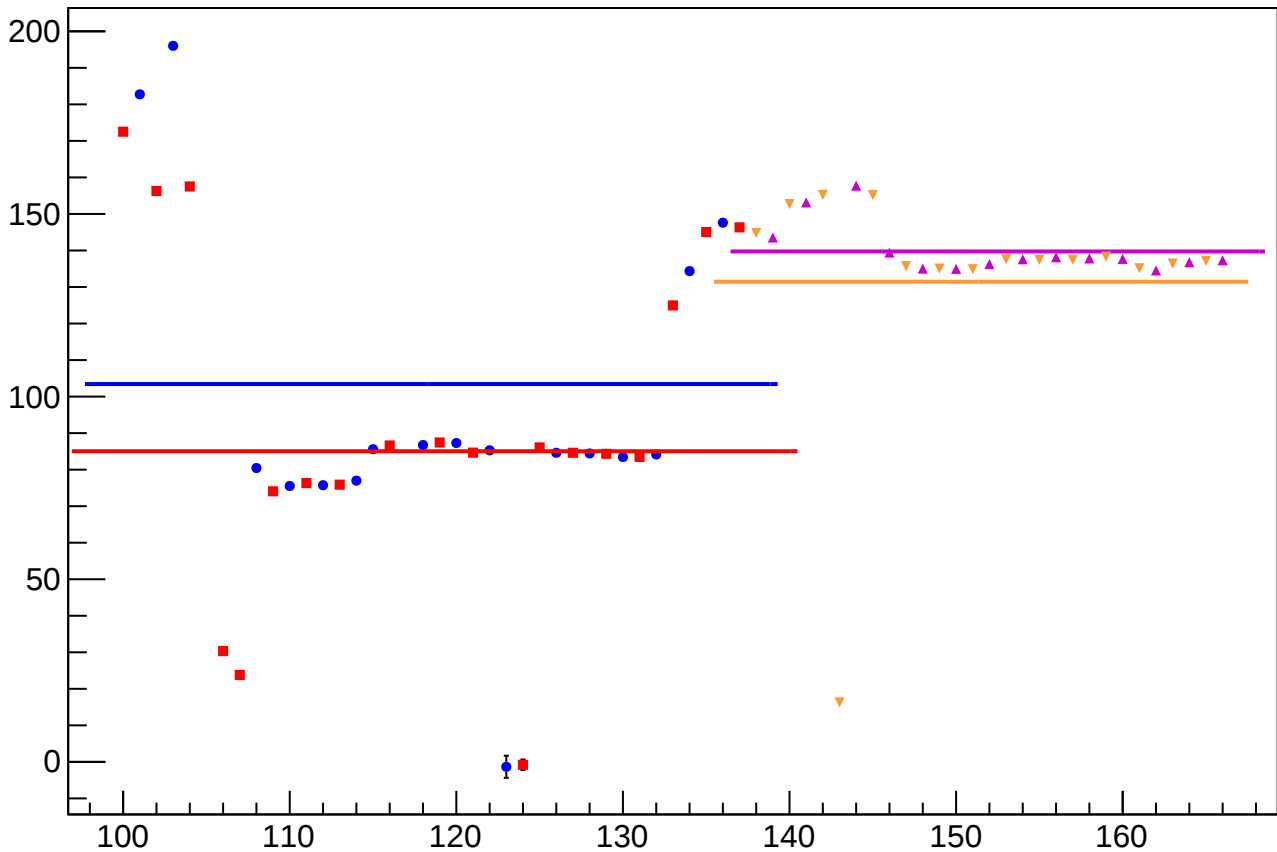
Left In: -79.985 ± 1.170 χ^2/NDF : 181.9/13

+ sign -76.359 ± 0.782 χ^2/NDF : 1292.1/31

All: -76.124 ± 0.553 χ^2/NDF : 2102.2/64

- sign -75.887 ± 0.782 χ^2/NDF : 809.9/32

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.436 $\pm$ 0.071 χ^2 /NDF: 272785.6/16

Left Out: 131.442 $\pm$ 0.056 χ^2 /NDF: 345523.7/14

Right Out: 85.043 $\pm$ 0.064 χ^2 /NDF: 422343.0/18

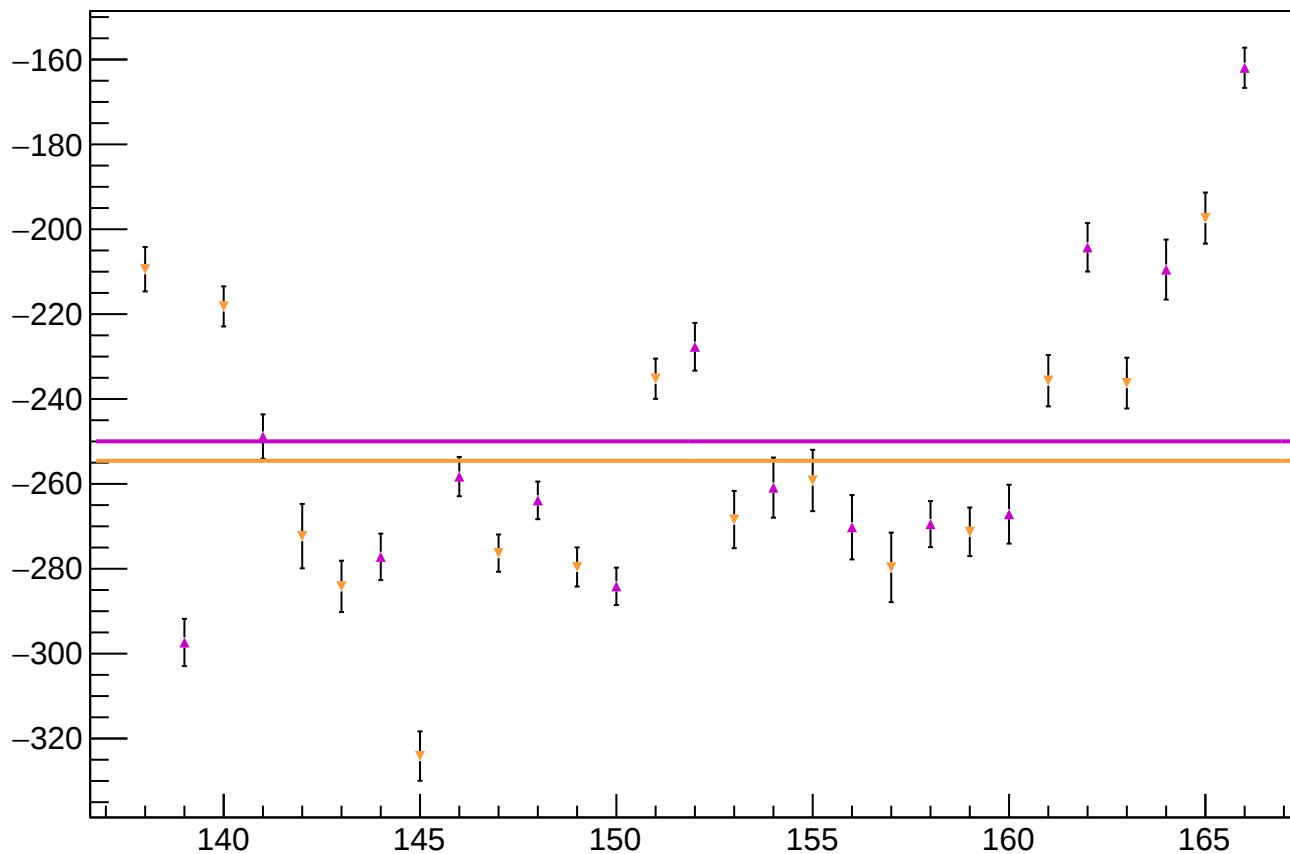
Left In: 139.735 $\pm$ 0.056 χ^2 /NDF: 13450.1/13

+ sign 120.738 $\pm$ 0.044 χ^2 /NDF: 714760.8/31

All: 118.209 $\pm$ 0.030 χ^2 /NDF: 1571997.8/64

- sign 115.874 $\pm$ 0.042 χ^2 /NDF: 850828.8/32

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -254.569+/-1.462 χ^2/NDF : 508.3/14

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

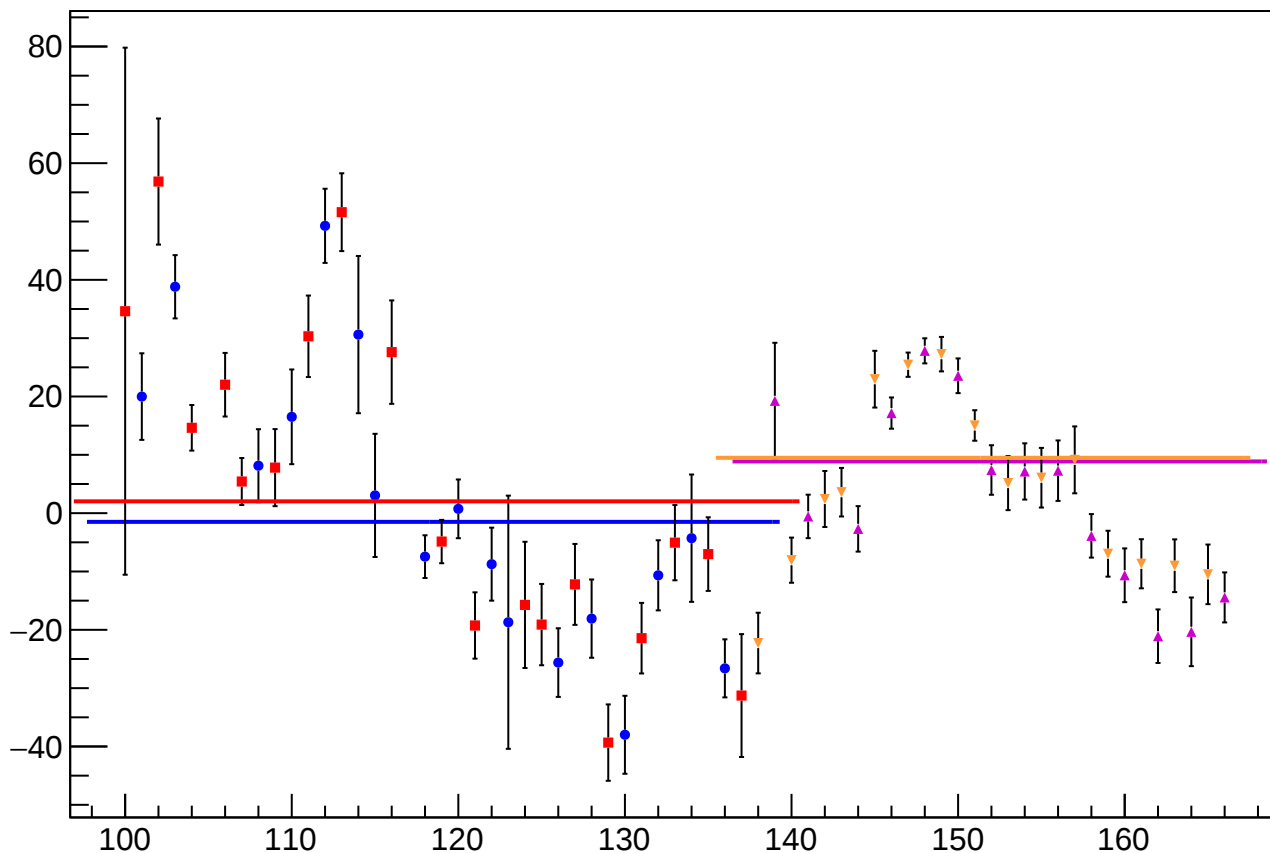
Left In: -249.973+/-1.459 χ^2/NDF : 657.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.266+/-1.032 χ^2/NDF : 1170.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.490 ± 1.536 $\chi^2/\text{NDF}: 226.0/16$

Left Out: 9.493 ± 0.970 $\chi^2/\text{NDF}: 238.6/14$

Right Out: 2.028 ± 1.400 $\chi^2/\text{NDF}: 233.3/18$

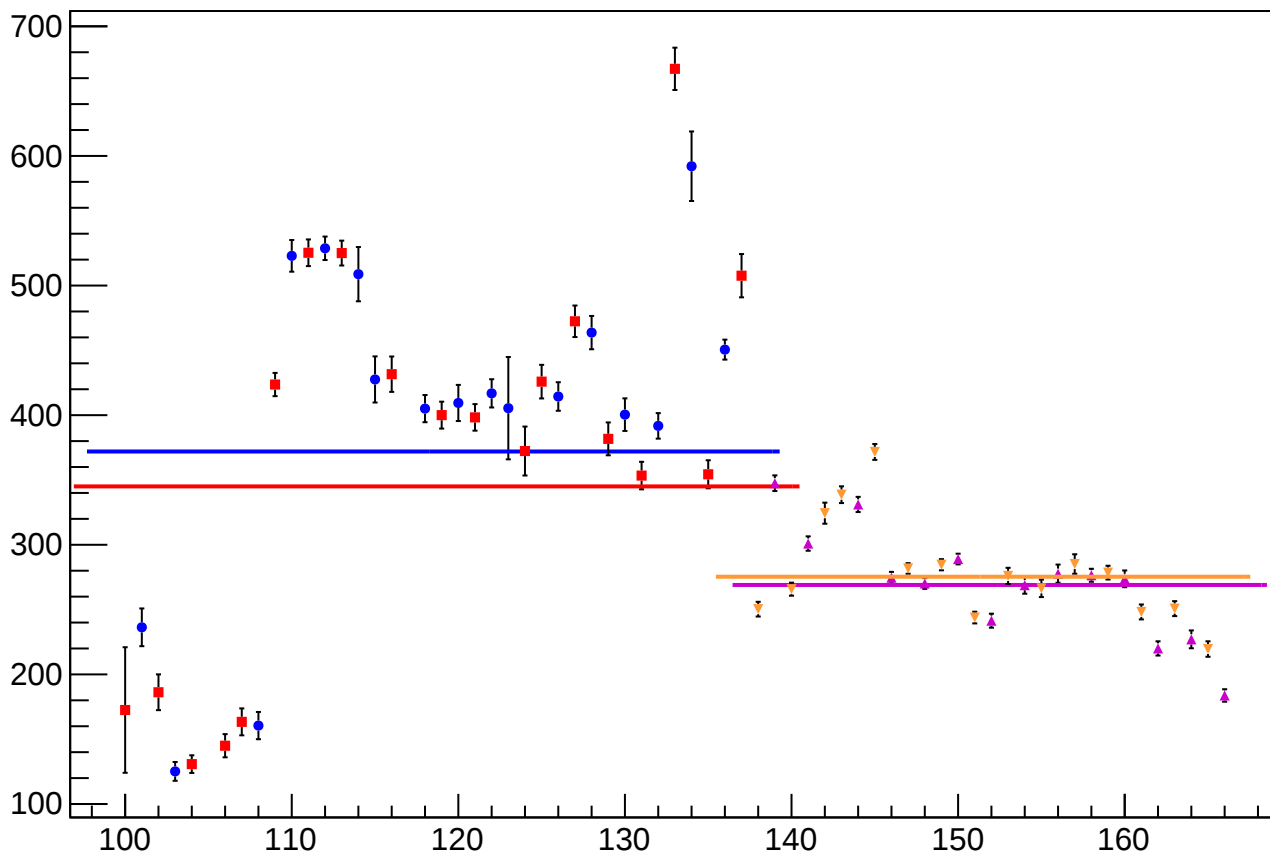
Left In: 8.867 ± 0.999 $\chi^2/\text{NDF}: 254.8/13$

+ sign 6.361 ± 0.820 $\chi^2/\text{NDF}: 501.1/31$

All: 6.461 ± 0.577 $\chi^2/\text{NDF}: 1005.1/64$

- sign 6.559 ± 0.813 $\chi^2/\text{NDF}: 503.9/32$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.975 ± 2.778 $\chi^2/\text{NDF}: 2432.6/16$

Left Out: 275.361 ± 1.433 $\chi^2/\text{NDF}: 590.7/14$

Right Out: 345.043 ± 2.562 $\chi^2/\text{NDF}: 3415.2/18$

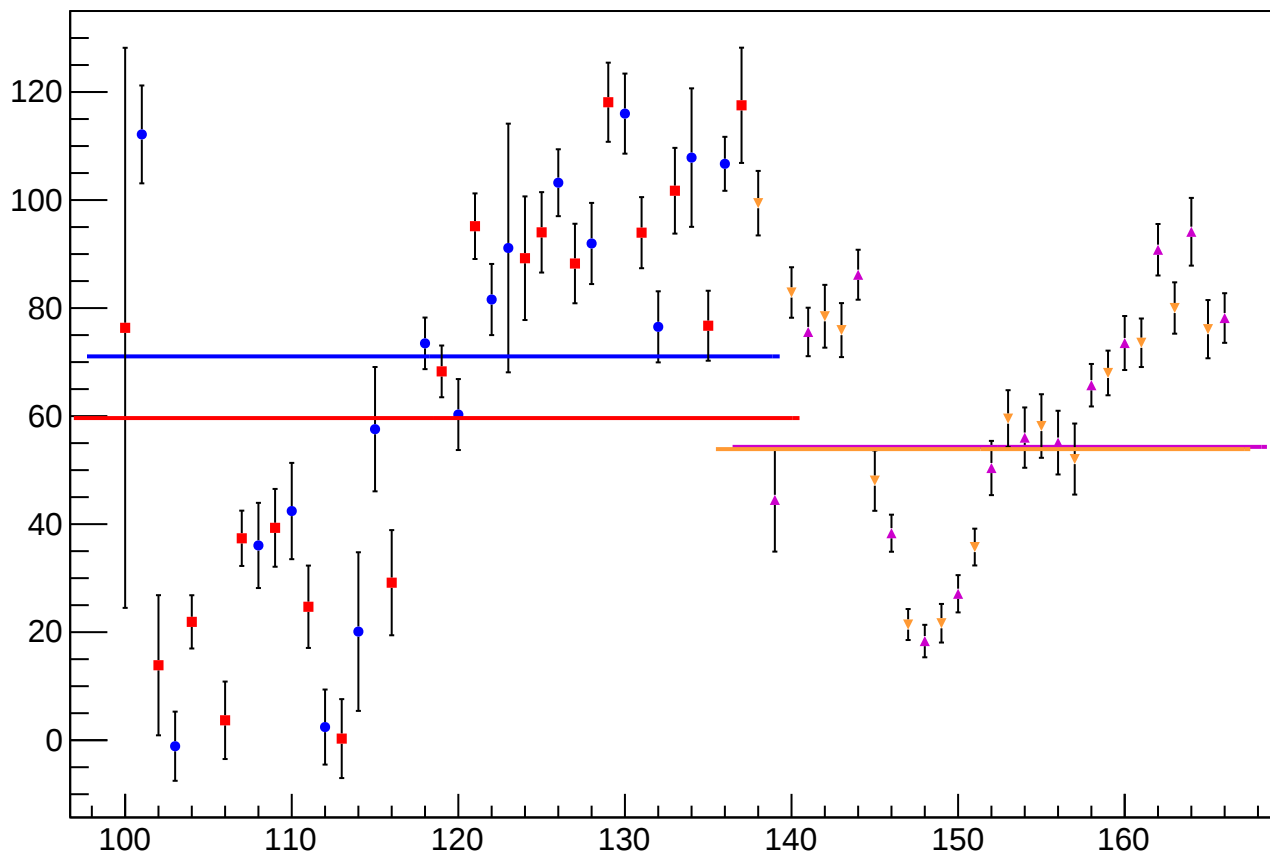
Left In: 269.010 ± 1.420 $\chi^2/\text{NDF}: 799.9/13$

+ sign 295.662 ± 1.273 $\chi^2/\text{NDF}: 3978.9/31$

All: 291.166 ± 0.889 $\chi^2/\text{NDF}: 8891.9/64$

- sign 286.886 ± 1.242 $\chi^2/\text{NDF}: 4888.7/32$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 71.056 $\pm$ 1.764 χ^2 /NDF: 426.2/16

Left Out: 53.891 $\pm$ 1.166 χ^2 /NDF:452.5/14

Right Out: 59.637 $\pm$ 1.631 χ^2 /NDF: 491.6/18

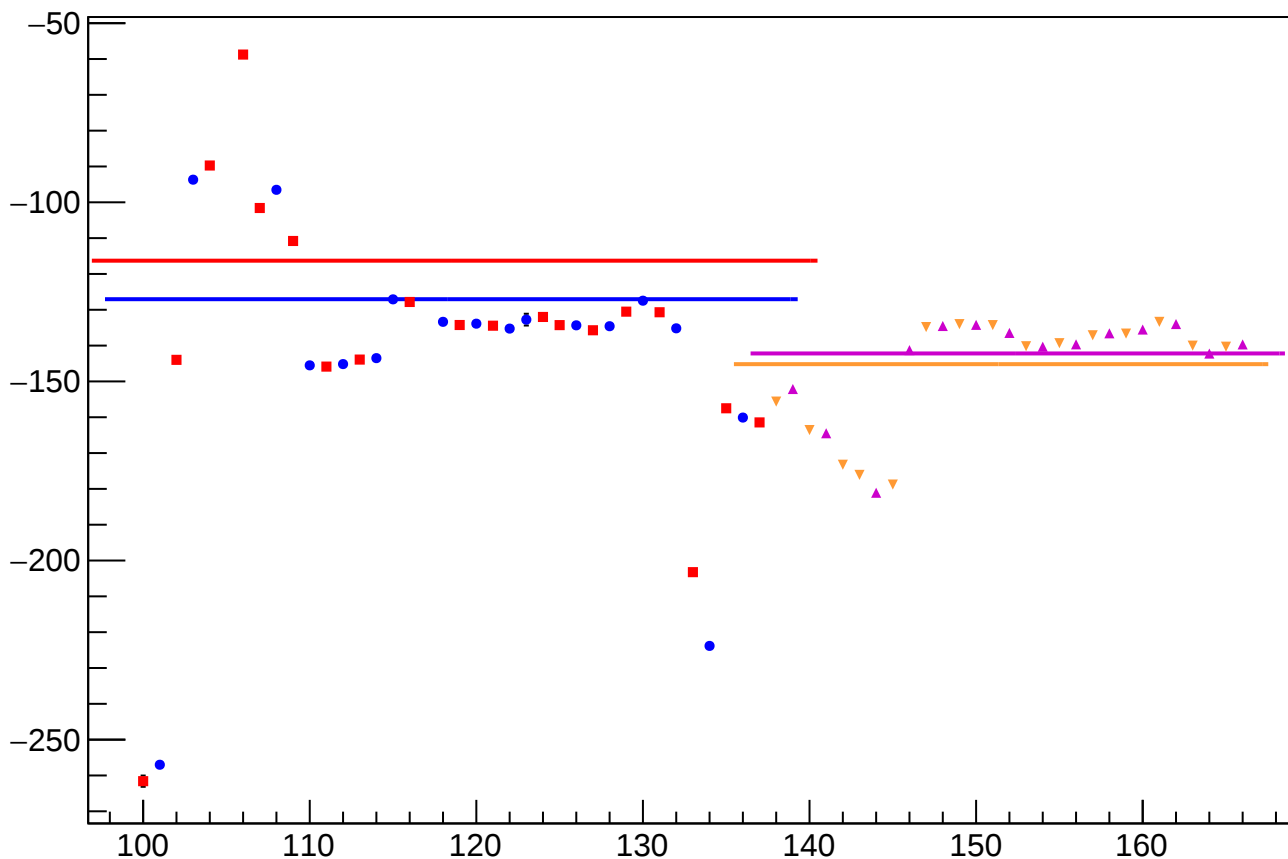
Left In: 54.306 $\pm$ 1.188 χ^2 /NDF:447.6/13

+ sign 59.108 $\pm$ 0.972 χ^2 /NDF: 944.6/31

All: 57.612 $\pm$ 0.683 χ^2 /NDF: 1895.5/64

- sign 56.154 $\pm$ 0.960 χ^2 /NDF: 946.2/32

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.049 $\pm$ 0.090 χ^2 /NDF: 167014.4/16

Left Out: -145.182 $\pm$ 0.058 χ^2 /NDF: 67689.6/14

Right Out: -116.295 $\pm$ 0.083 χ^2 /NDF: 167109.1/18

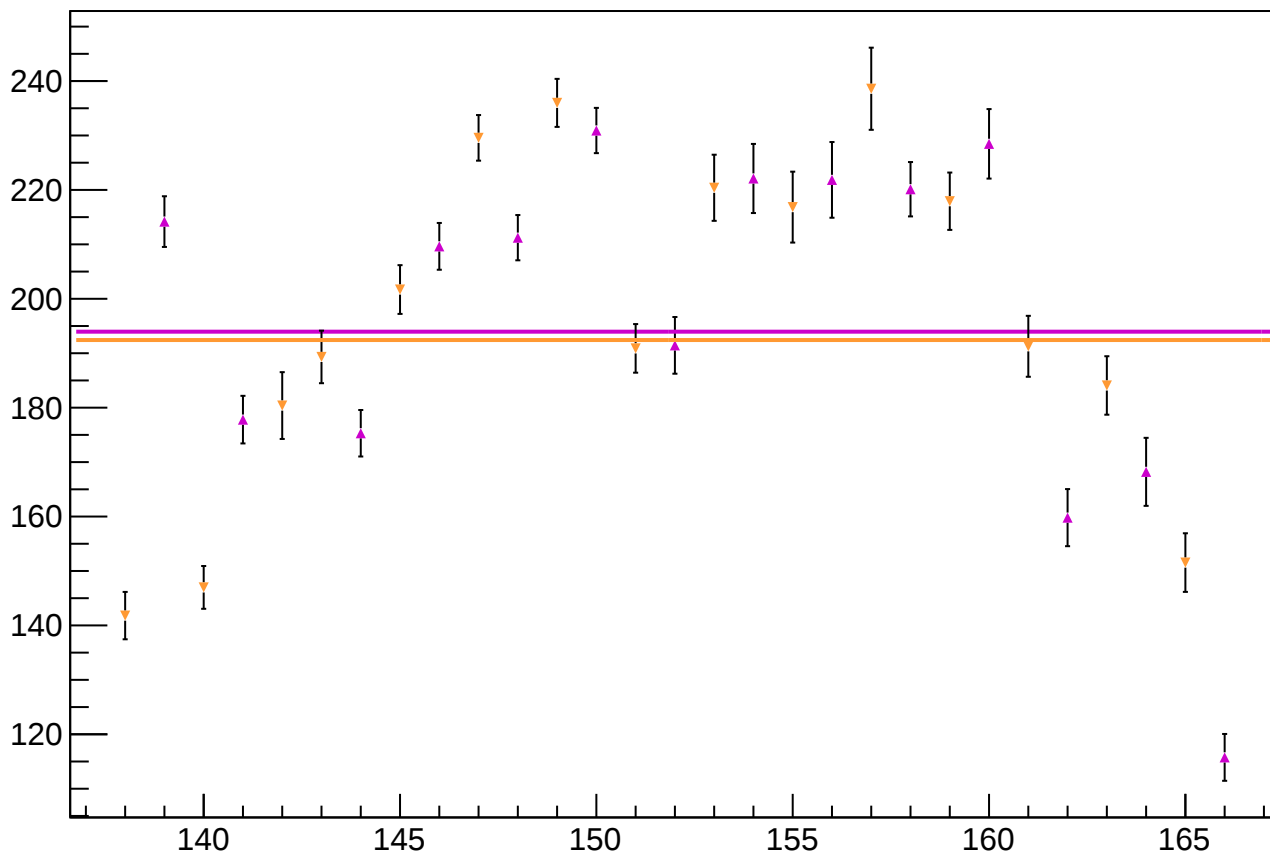
Left In: -142.193 $\pm$ 0.057 χ^2 /NDF: 43206.2/13

+ sign -139.897 $\pm$ 0.048 χ^2 /NDF: 263608.8/31

All: -136.799 $\pm$ 0.034 χ^2 /NDF: 548005.6/64

- sign -133.886 $\pm$ 0.047 χ^2 /NDF: 276469.4/32

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 192.424+/-1.290 χ^2/NDF : 610.0/14

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

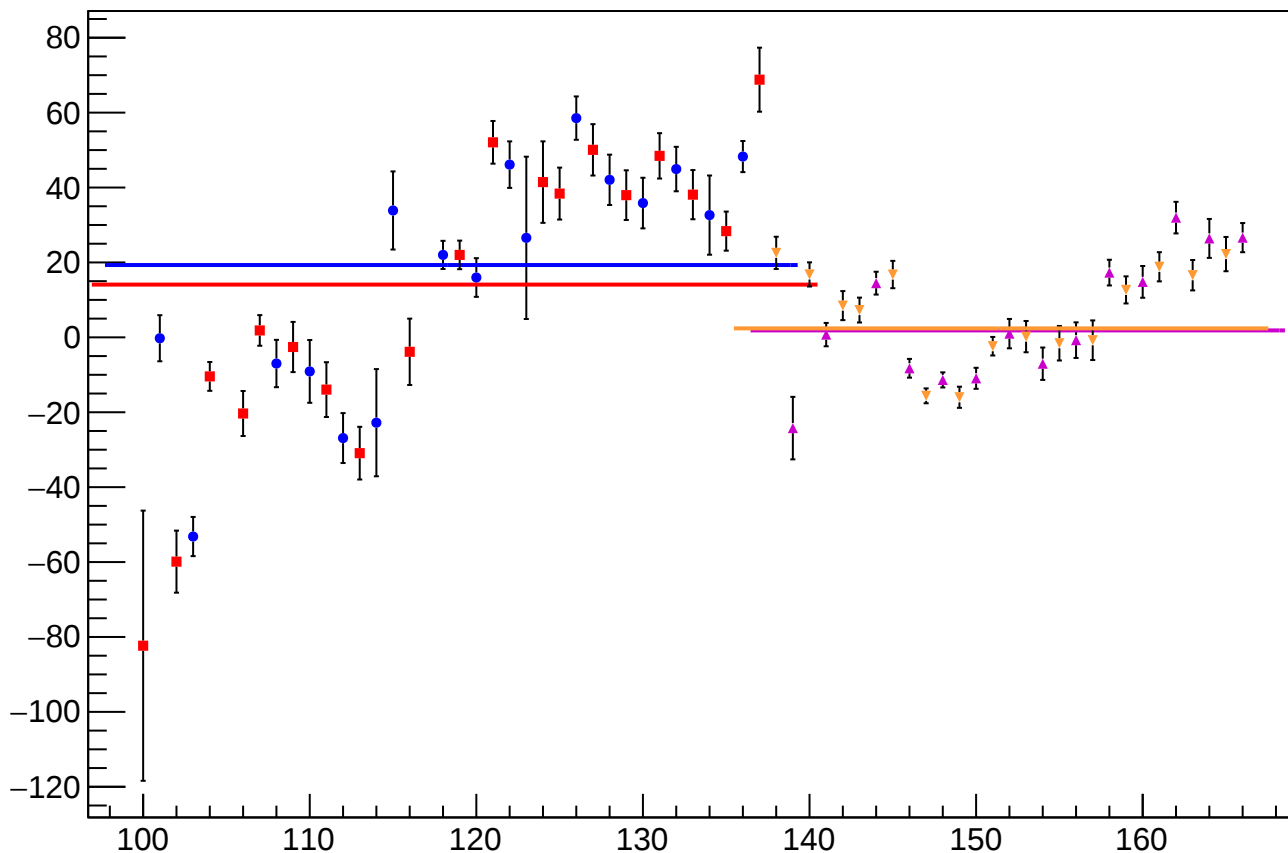
Left In: 193.960+/-1.306 χ^2/NDF : 643.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.182+/-0.918 χ^2/NDF : 1254.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.308 ± 1.500 $\chi^2/\text{NDF}: 441.3/16$

Left Out: 2.394 ± 0.872 $\chi^2/\text{NDF}: 248.7/14$

Right Out: 14.083 ± 1.390 $\chi^2/\text{NDF}: 436.9/18$

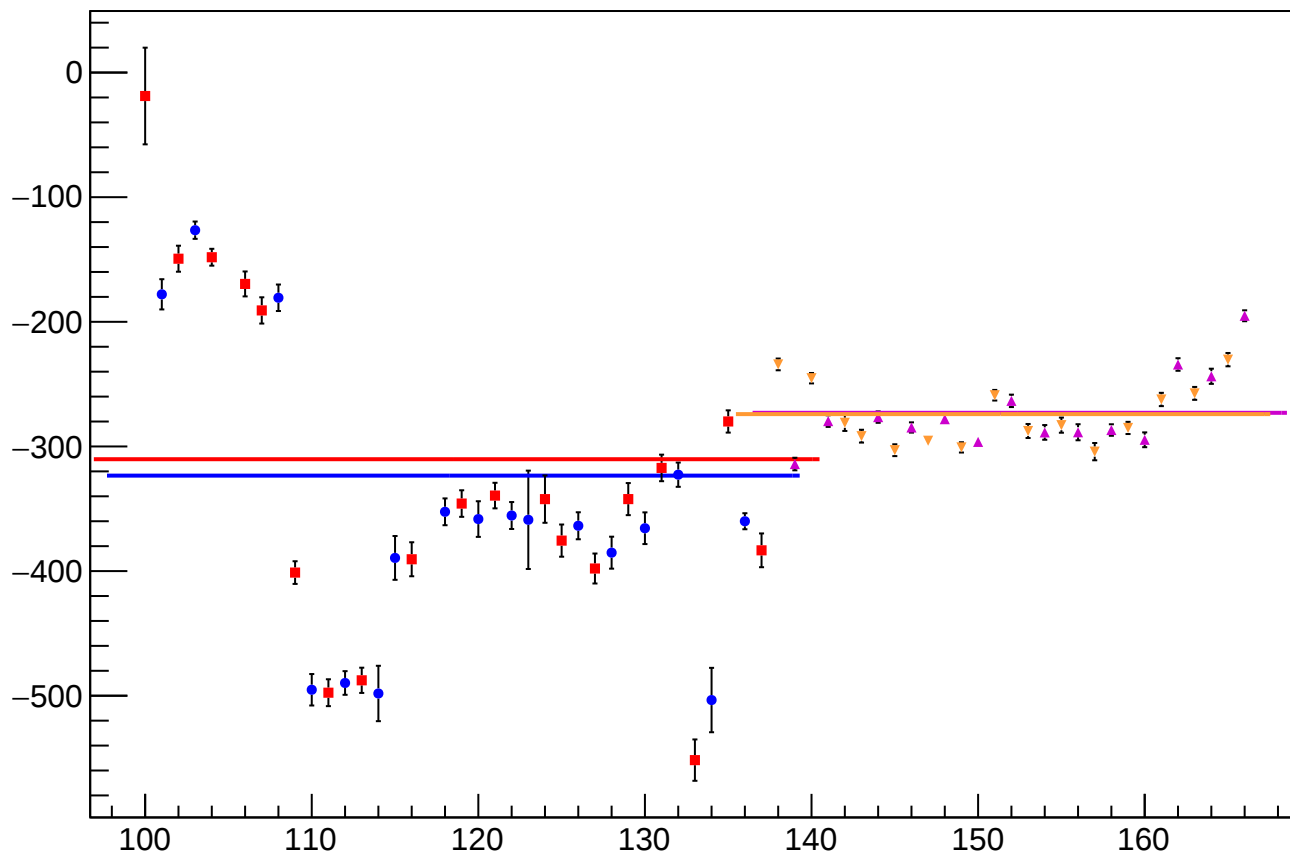
Left In: 1.851 ± 0.906 $\chi^2/\text{NDF}: 255.0/13$

+ sign 6.664 ± 0.754 $\chi^2/\text{NDF}: 785.0/31$

All: 6.084 ± 0.535 $\chi^2/\text{NDF}: 1532.5/64$

- sign 5.497 ± 0.759 $\chi^2/\text{NDF}: 746.3/32$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.402 ± 2.684 $\chi^2/\text{NDF}: 1849.6/16$

Left Out: -274.053 ± 1.275 $\chi^2/\text{NDF}: 367.1/14$

Right Out: -310.236 ± 2.523 $\chi^2/\text{NDF}: 2298.8/18$

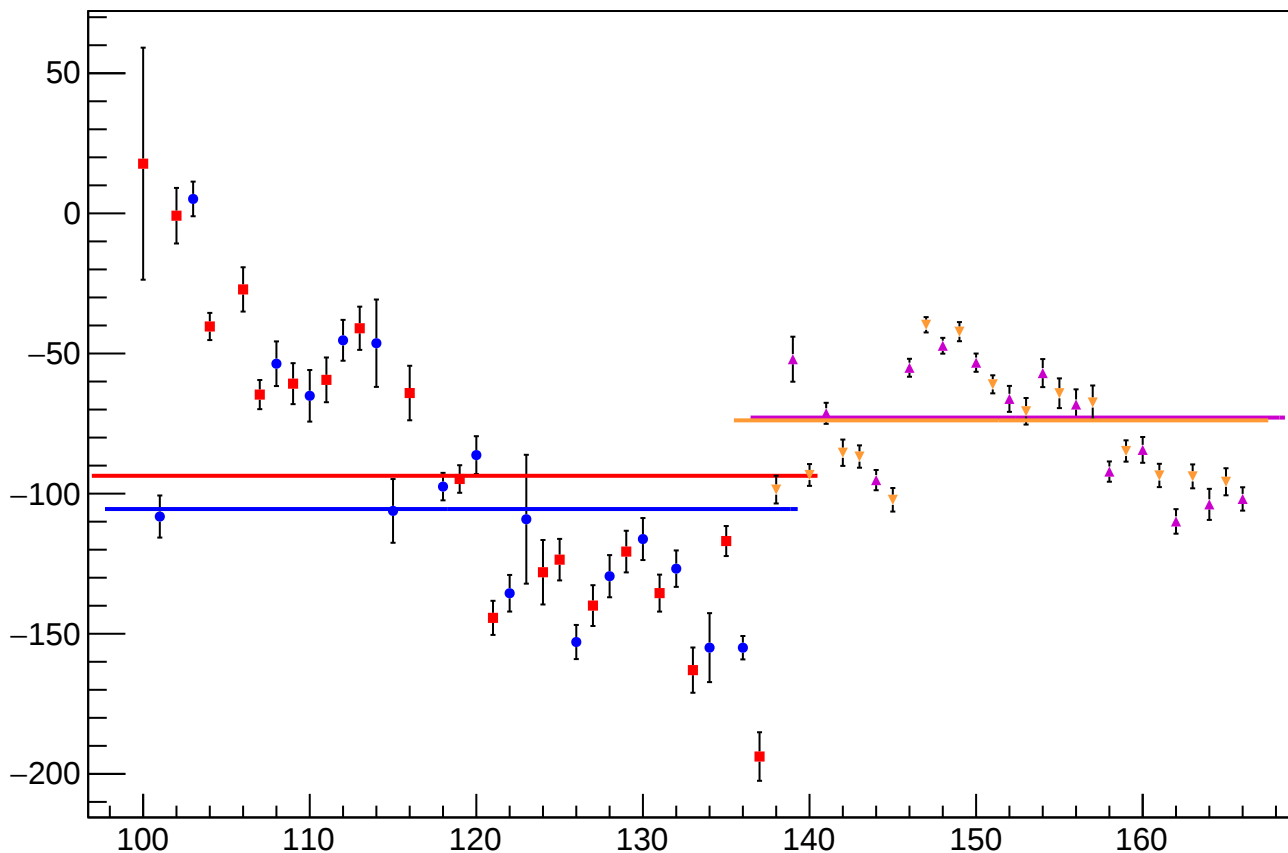
Left In: -273.006 ± 1.279 $\chi^2/\text{NDF}: 551.9/13$

+ sign -283.139 ± 1.152 $\chi^2/\text{NDF}: 2492.5/31$

All: -281.865 ± 0.810 $\chi^2/\text{NDF}: 5518.9/64$

- sign -280.615 ± 1.141 $\chi^2/\text{NDF}: 3023.9/32$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.496 ± 1.712 χ^2/NDF : 737.3/16

Left Out: -73.854 ± 1.043 χ^2/NDF : 447.1/14

Right Out: -93.637 ± 1.610 χ^2/NDF : 827.1/18

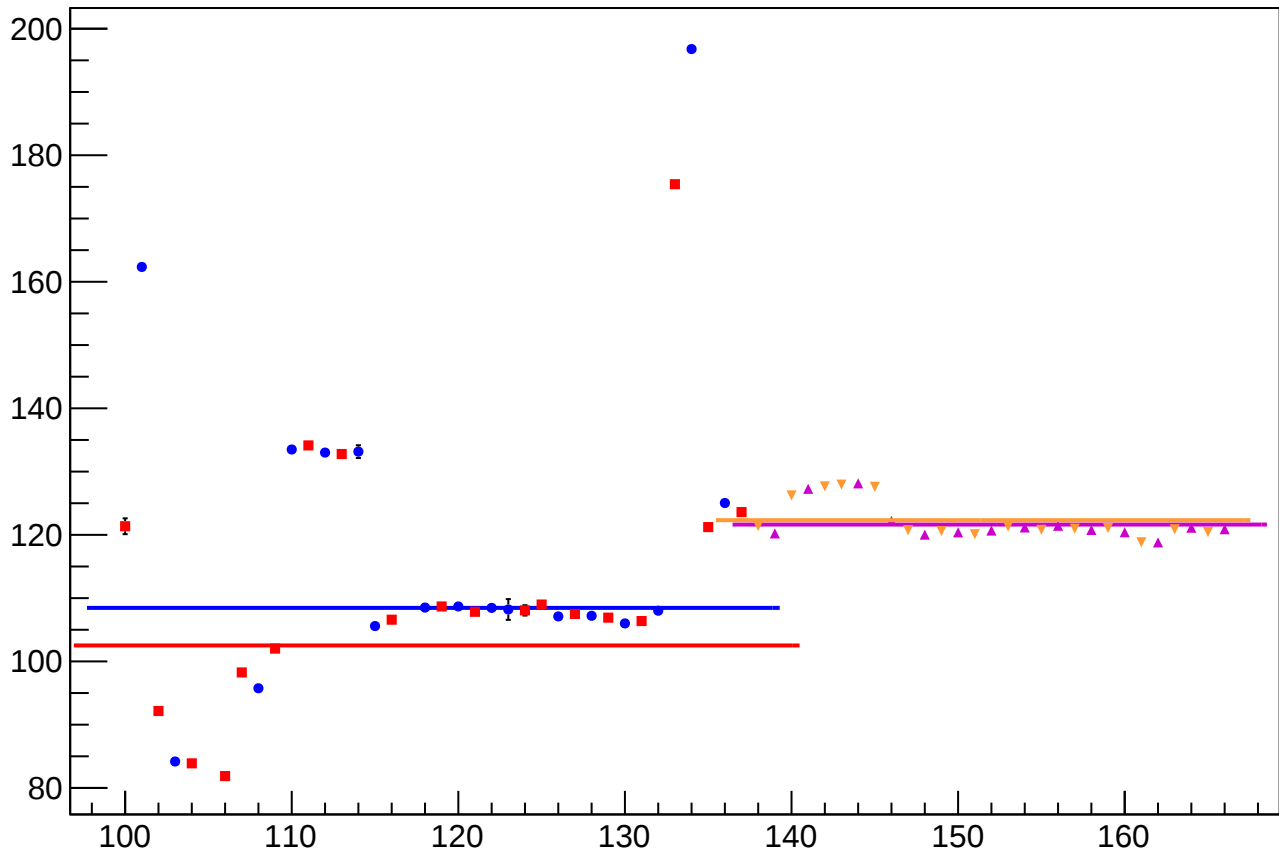
Left In: -72.860 ± 1.074 χ^2/NDF : 393.3/13

+ sign -82.420 ± 0.891 χ^2/NDF : 1433.6/31

All: -80.843 ± 0.631 χ^2/NDF : 2775.5/64

- sign -79.257 ± 0.893 χ^2/NDF : 1335.6/32

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.460 $\pm$ 0.085 χ^2 /NDF: 73301.9/16

Left Out: 122.318 $\pm$ 0.051 χ^2 /NDF:3329.7/14

Right Out: 102.521 $\pm$ 0.080 χ^2 /NDF: 52992.1/18

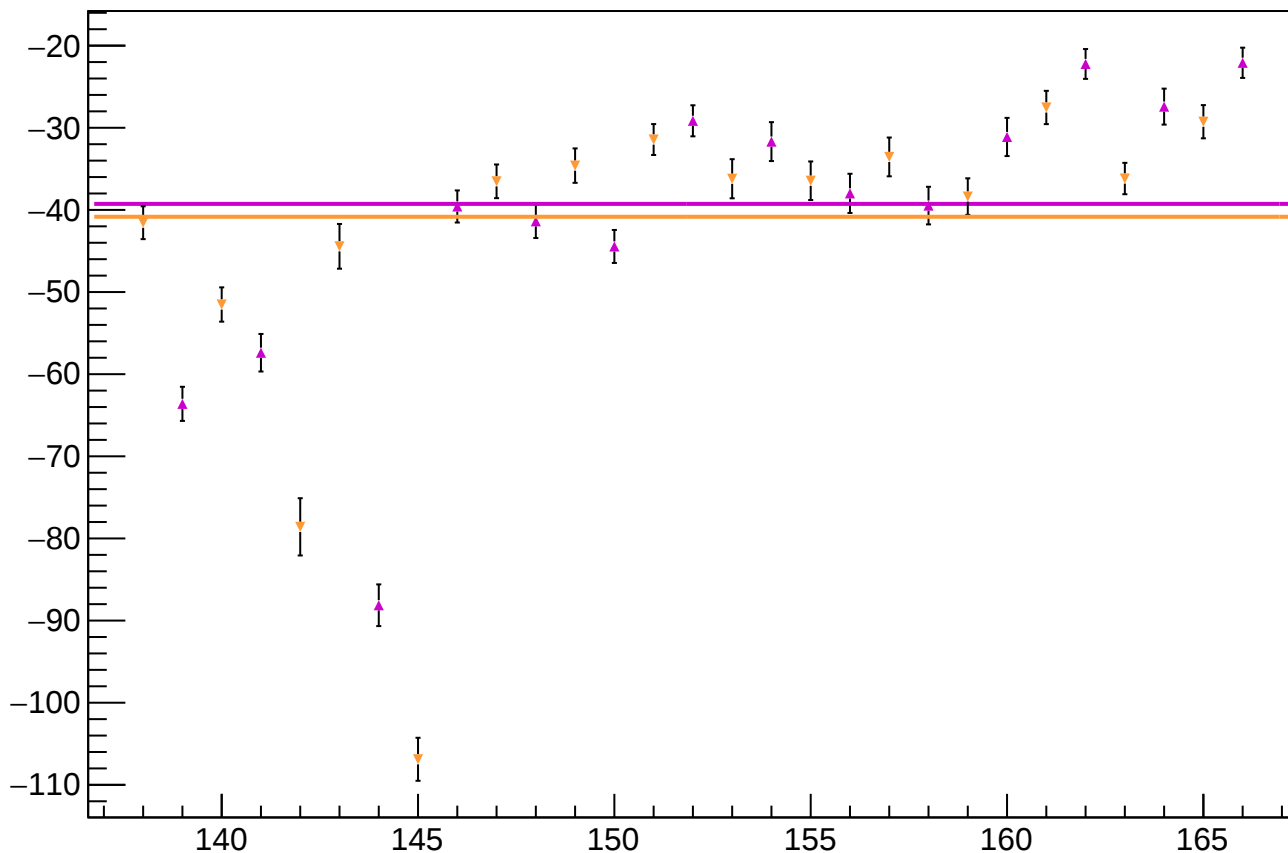
Left In: 121.630 $\pm$ 0.051 χ^2 /NDF:2490.1/13

+ sign 118.635 $\pm$ 0.044 χ^2 /NDF: 96148.2/31

All: 117.305 $\pm$ 0.031 χ^2 /NDF: 194196.3/64

- sign 116.017 $\pm$ 0.043 χ^2 /NDF: 96234.1/32

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -40.833+/-0.569 χ^2/NDF : 919.5/14

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

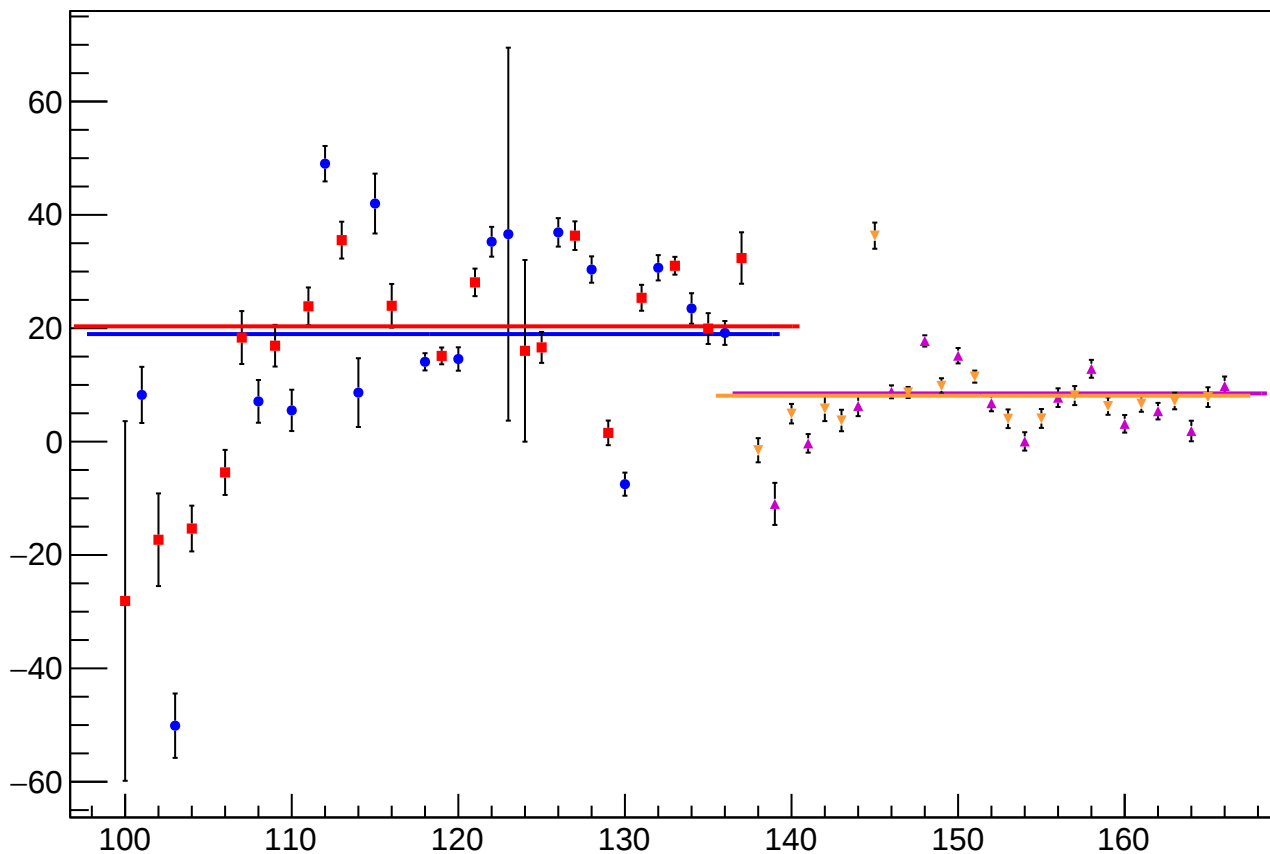
Left In: -39.267+/-0.564 χ^2/NDF : 834.5/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.043+/-0.400 χ^2/NDF : 1757.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.970 ± 0.653 χ^2/NDF : 618.4/16

Left Out: 8.102 ± 0.392 χ^2/NDF : 206.2/14

Right Out: 20.338 ± 0.642 χ^2/NDF : 366.4/18

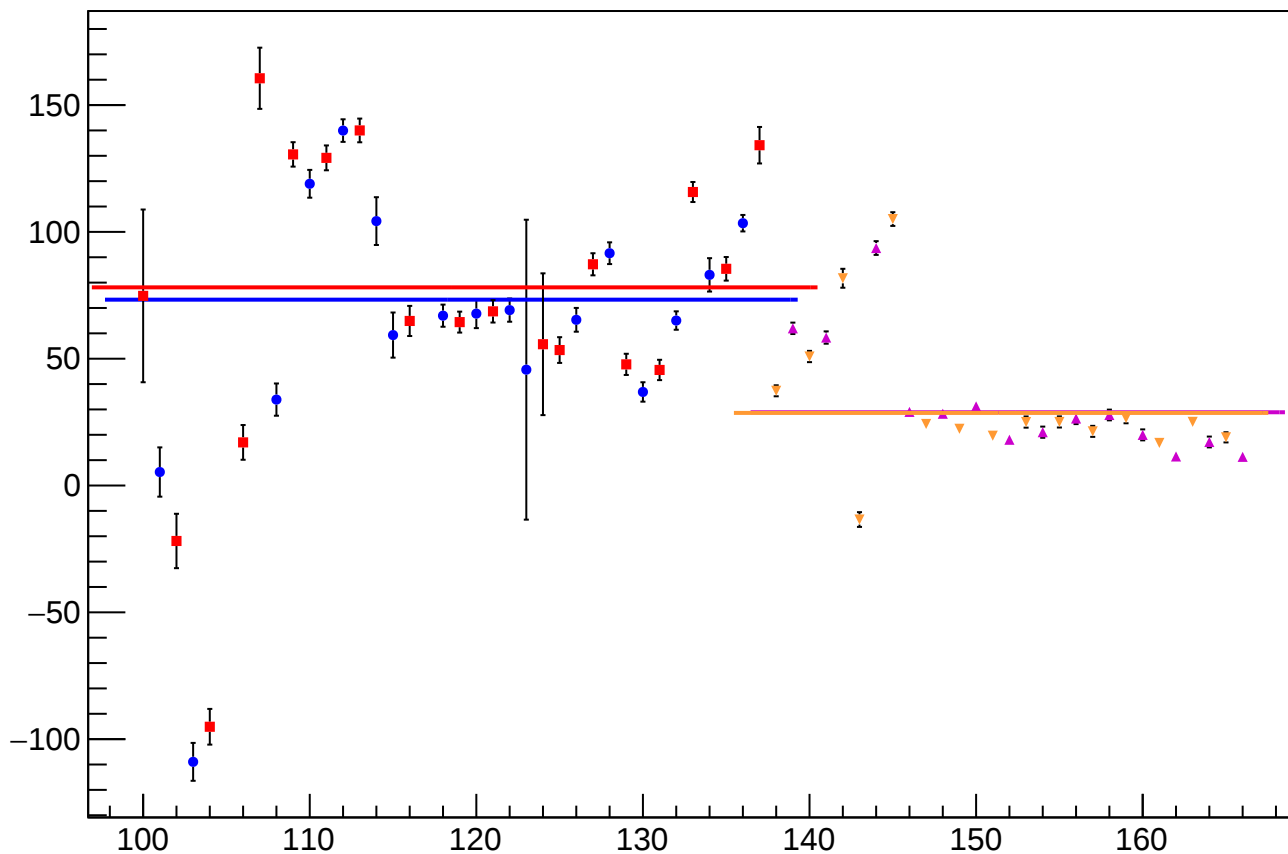
Left In: 8.505 ± 0.400 χ^2/NDF : 236.0/13

+ sign 10.978 ± 0.336 χ^2/NDF : 1028.3/31

All: 11.389 ± 0.239 χ^2/NDF : 1878.5/64

- sign 11.809 ± 0.339 χ^2/NDF : 847.1/32

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.278 $\pm$ 1.236 χ^2 /NDF: 1198.6/16

Left Out: 28.629 $\pm$ 0.555 χ^2 /NDF:1448.4/14

Right Out: 78.130 $\pm$ 1.223 χ^2 /NDF: 1543.3/18

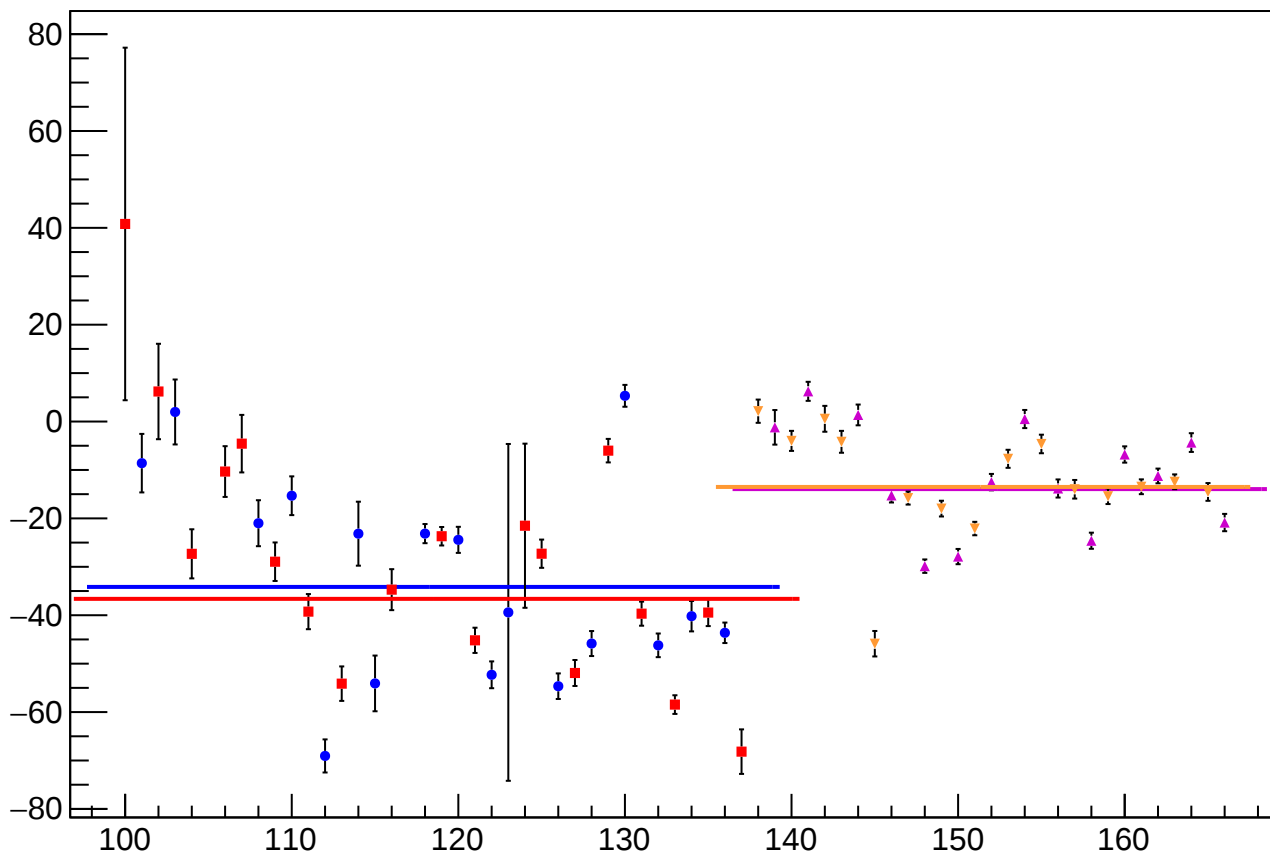
Left In: 28.884 $\pm$ 0.548 χ^2 /NDF:1218.6/13

+ sign 36.109 $\pm$ 0.506 χ^2 /NDF: 3732.5/31

All: 36.623 $\pm$ 0.356 χ^2 /NDF: 7847.6/64

- sign 37.124 $\pm$ 0.500 χ^2 /NDF: 4113.0/32

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.153 ± 0.745 χ^2/NDF : 717.5/16

Left Out: -13.508 ± 0.461 χ^2/NDF : 342.1/14

Right Out: -36.618 ± 0.736 χ^2/NDF : 547.0/18

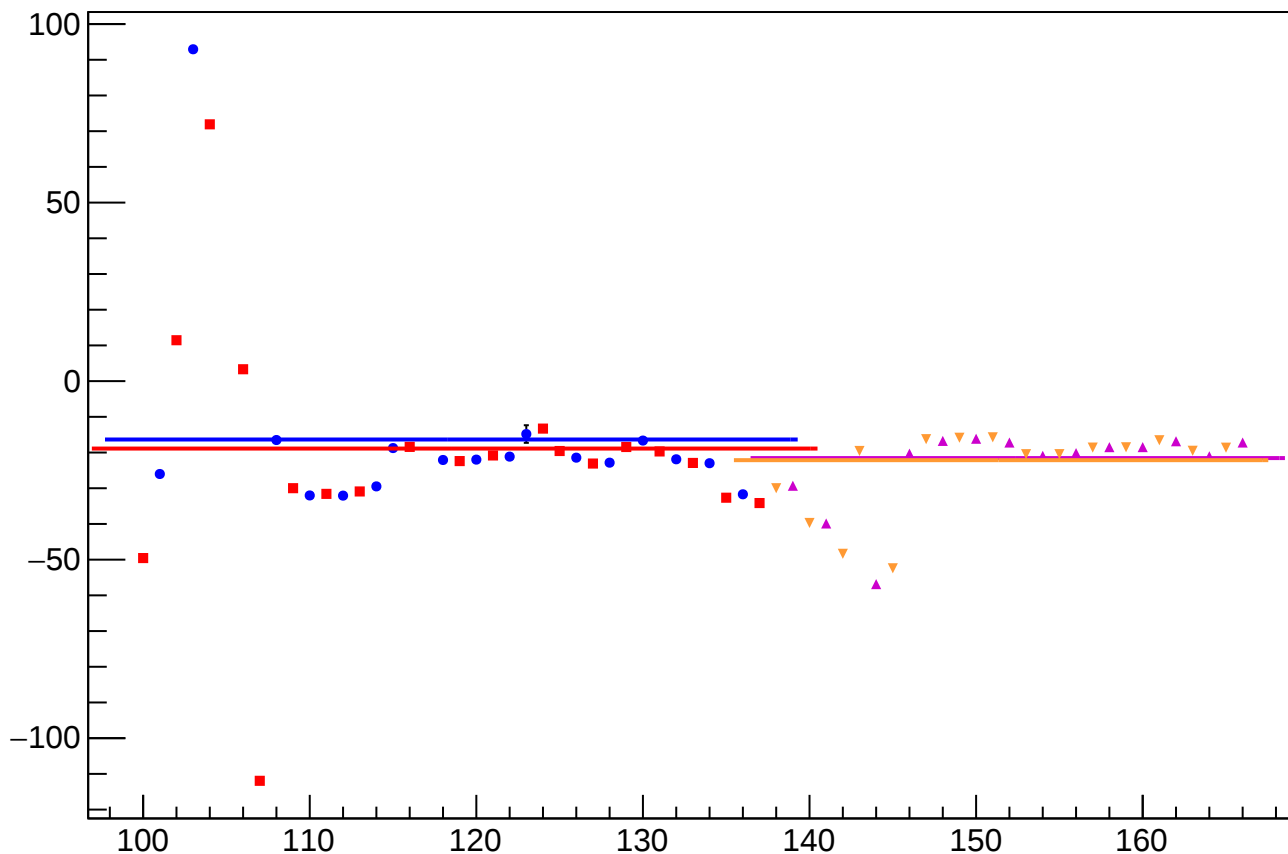
Left In: -13.951 ± 0.467 χ^2/NDF : 542.0/13

+ sign -19.221 ± 0.392 χ^2/NDF : 1615.2/31

All: -19.833 ± 0.278 χ^2/NDF : 3386.0/64

- sign -20.452 ± 0.394 χ^2/NDF : 1765.9/32

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.349 ± 0.045 $\chi^2/\text{NDF}: 474192.3/16$

Left Out: -22.137 ± 0.022 $\chi^2/\text{NDF}: 183867.8/14$

Right Out: -18.886 ± 0.045 $\chi^2/\text{NDF}: 433793.7/18$

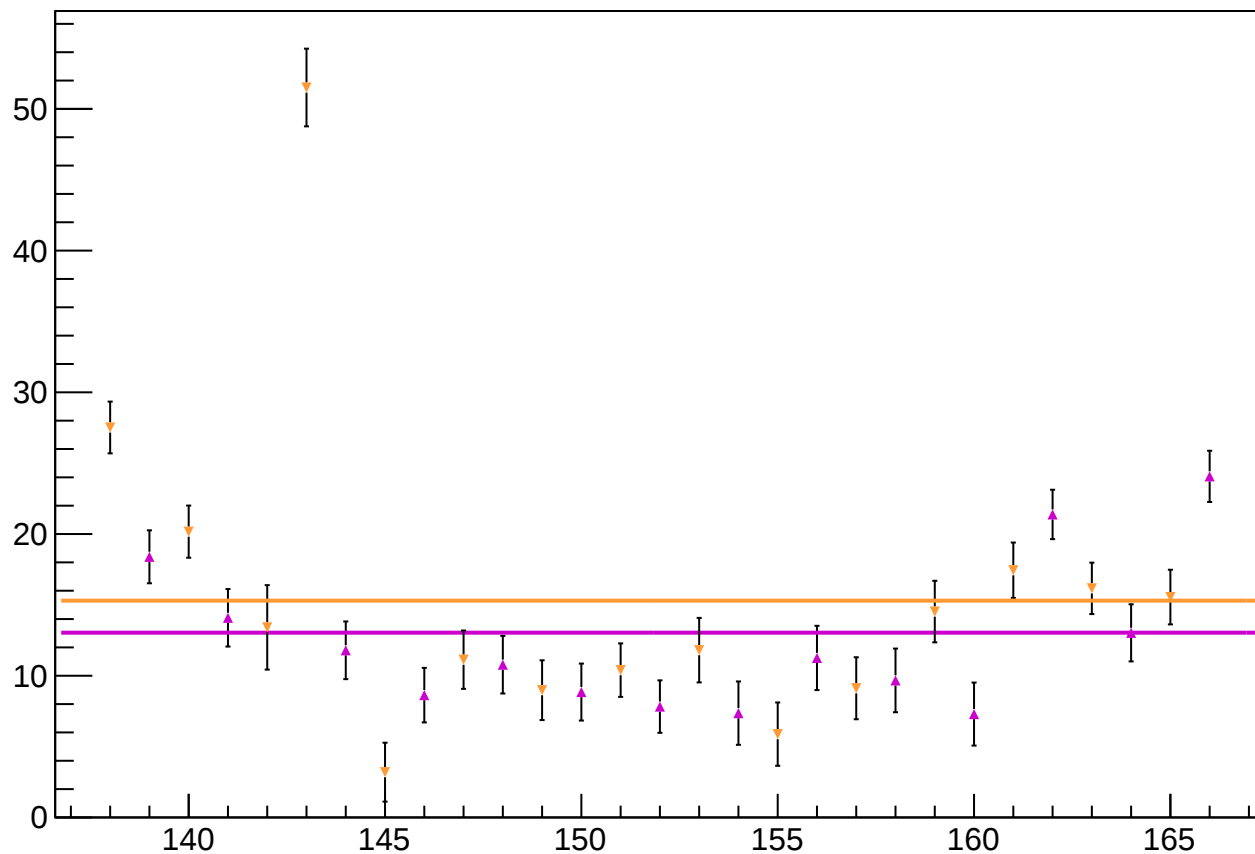
Left In: -21.554 ± 0.022 $\chi^2/\text{NDF}: 155317.8/13$

+ sign -21.024 ± 0.020 $\chi^2/\text{NDF}: 671637.6/31$

All: -21.041 ± 0.014 $\chi^2/\text{NDF}: 1263573.8/64$

- sign -21.058 ± 0.020 $\chi^2/\text{NDF}: 591934.7/32$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 15.299+/-0.537 χ^2/NDF :310.1/14

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

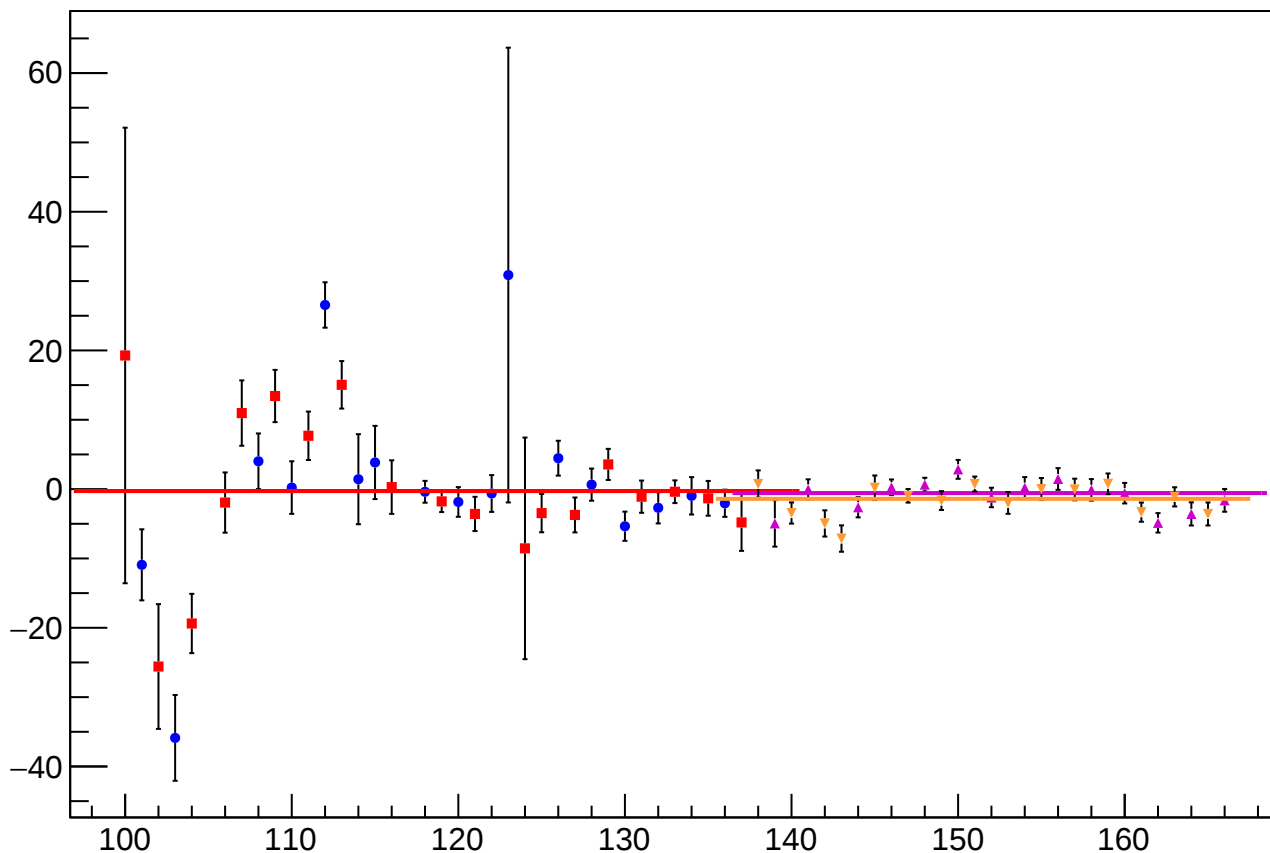
Left In: 13.039+/-0.535 χ^2/NDF :103.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.163+/-0.379 χ^2/NDF : 422.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.280 ± 0.662 χ^2/NDF : 119.5/16

Left Out: -1.403 ± 0.376 χ^2/NDF : 28.1/14

Right Out: -0.270 ± 0.656 χ^2/NDF : 83.2/18

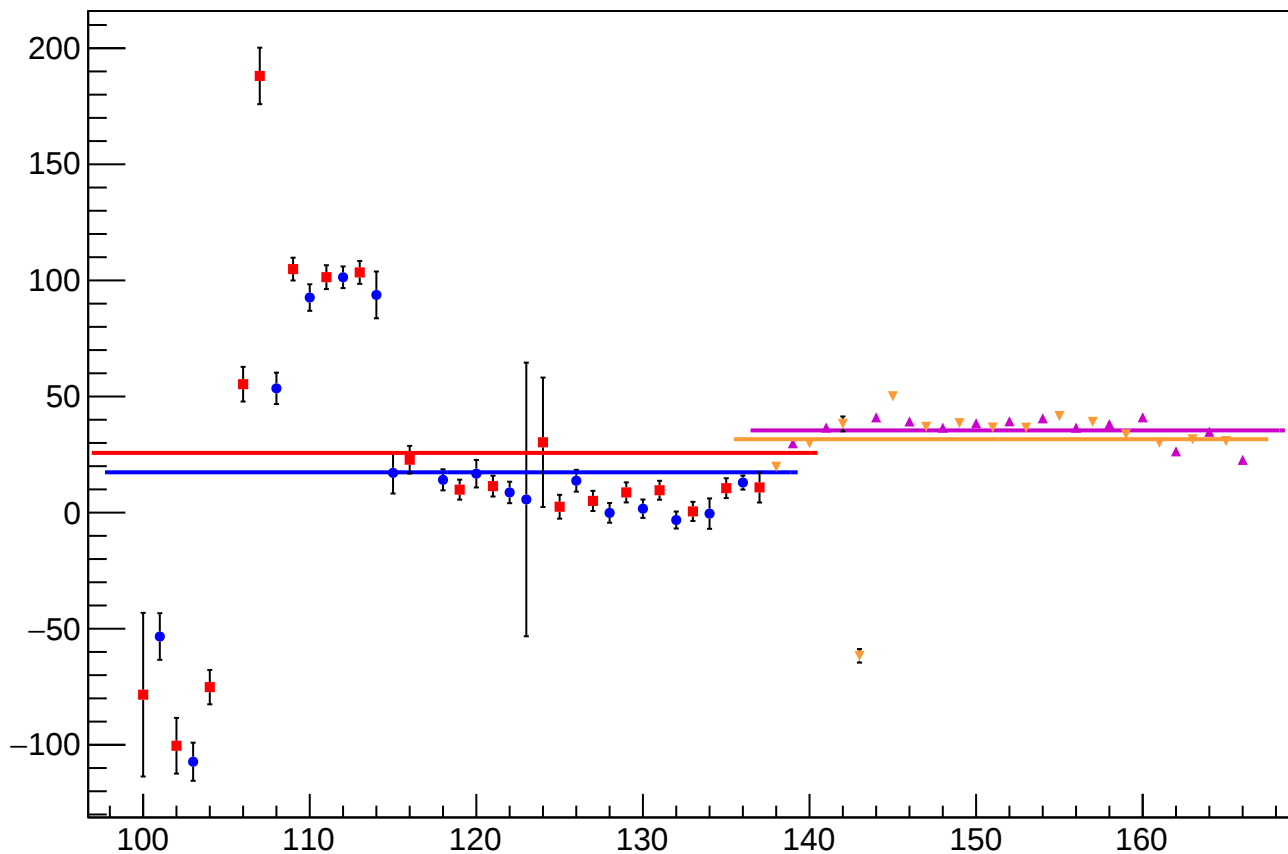
Left In: -0.569 ± 0.383 χ^2/NDF : 27.4/13

+ sign -1.130 ± 0.327 χ^2/NDF : 149.8/31

All: -0.816 ± 0.232 χ^2/NDF : 262.4/64

- sign -0.493 ± 0.331 χ^2/NDF : 110.8/32

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.361 $\pm$ 1.247 χ^2 /NDF: 943.0/16

Left Out: 31.621 $\pm$ 0.527 χ^2 /NDF:1201.0/14

Right Out: 25.717 $\pm$ 1.243 χ^2 /NDF: 1378.8/18

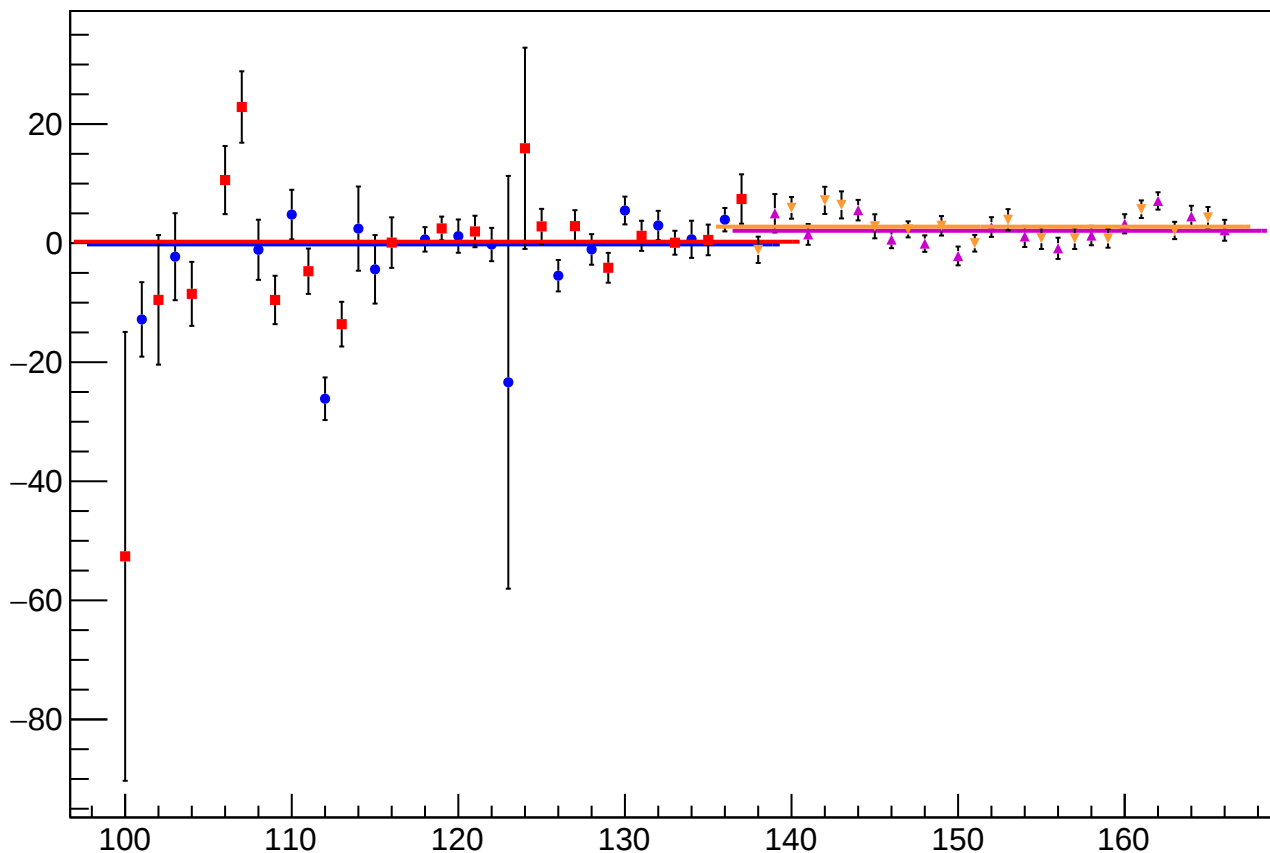
Left In: 35.408 $\pm$ 0.522 χ^2 /NDF:119.1/13

+ sign 29.463 $\pm$ 0.485 χ^2 /NDF: 2255.0/31

All: 31.729 $\pm$ 0.342 χ^2 /NDF: 3847.9/64

- sign 33.957 $\pm$ 0.481 χ^2 /NDF: 1549.6/32

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.211 ± 0.752 χ^2/NDF : 75.9/16

Left Out: 2.770 ± 0.440 χ^2/NDF : 25.7/14

Right Out: 0.239 ± 0.748 χ^2/NDF : 54.5/18

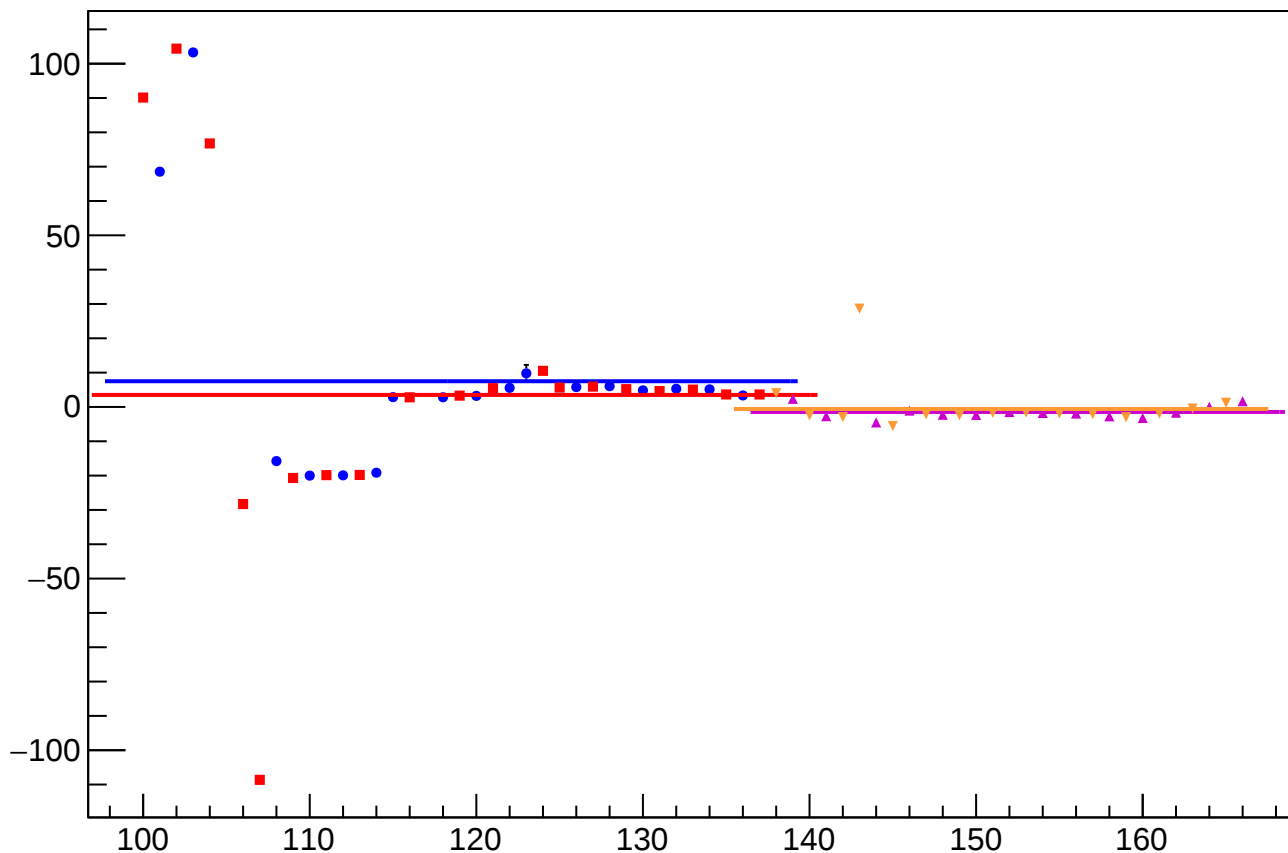
Left In: 2.078 ± 0.446 χ^2/NDF : 33.3/13

+ sign 2.009 ± 0.380 χ^2/NDF : 113.3/31

All: 1.805 ± 0.270 χ^2/NDF : 206.2/64

- sign 1.597 ± 0.383 χ^2/NDF : 92.2/32

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.492 $\pm$ 0.045 χ^2 /NDF: 355979.0/16

Left Out: -0.588 $\pm$ 0.021 χ^2 /NDF: 74009.2/14

Right Out: 3.504 $\pm$ 0.046 χ^2 /NDF: 510579.4/18

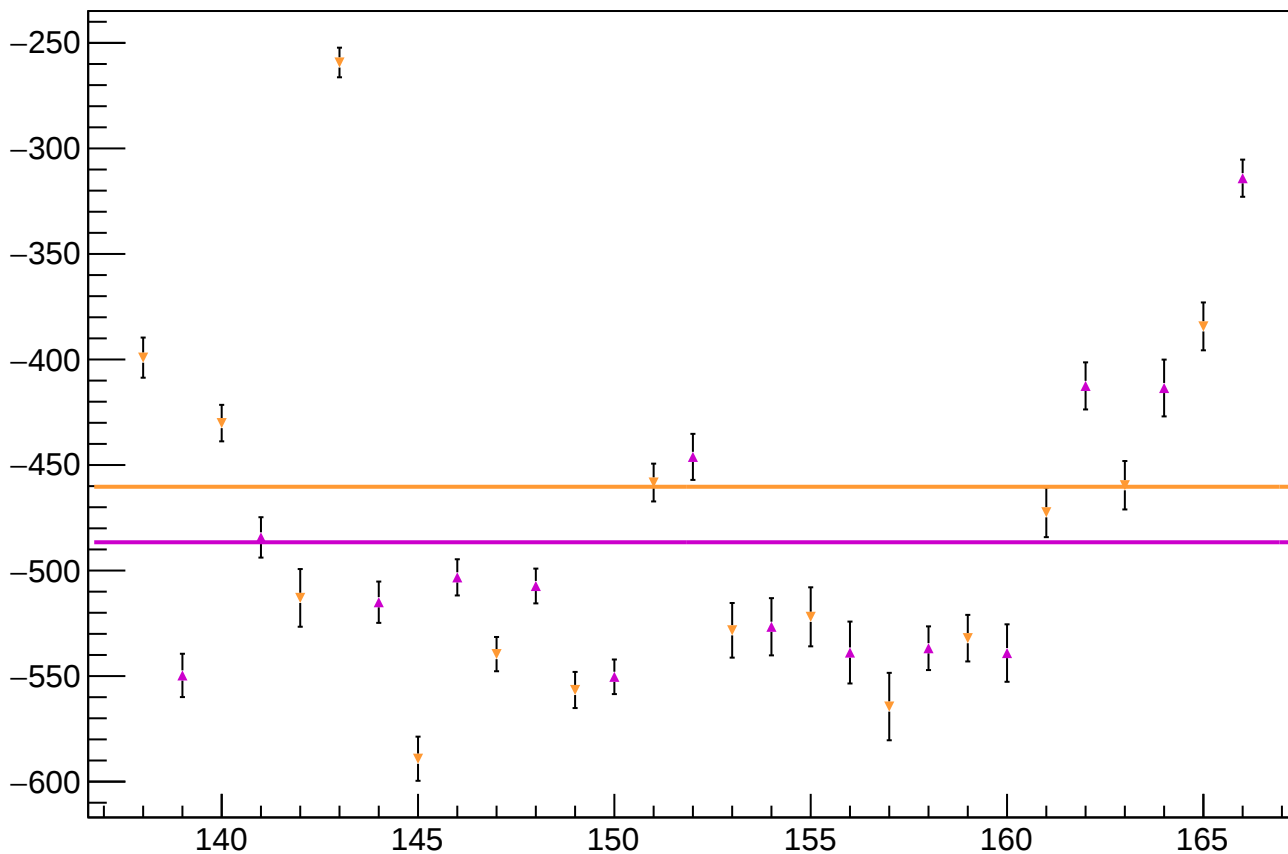
Left In: -1.456 $\pm$ 0.021 χ^2 /NDF: 7073.9/13

+ sign 0.834 $\pm$ 0.019 χ^2 /NDF: 456993.4/31

All: 0.109 $\pm$ 0.013 χ^2 /NDF: 987470.5/64

- sign -0.618 $\pm$ 0.019 χ^2 /NDF: 527474.7/32

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -460.297+/-2.614 χ^2/NDF : 1440.3/14

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

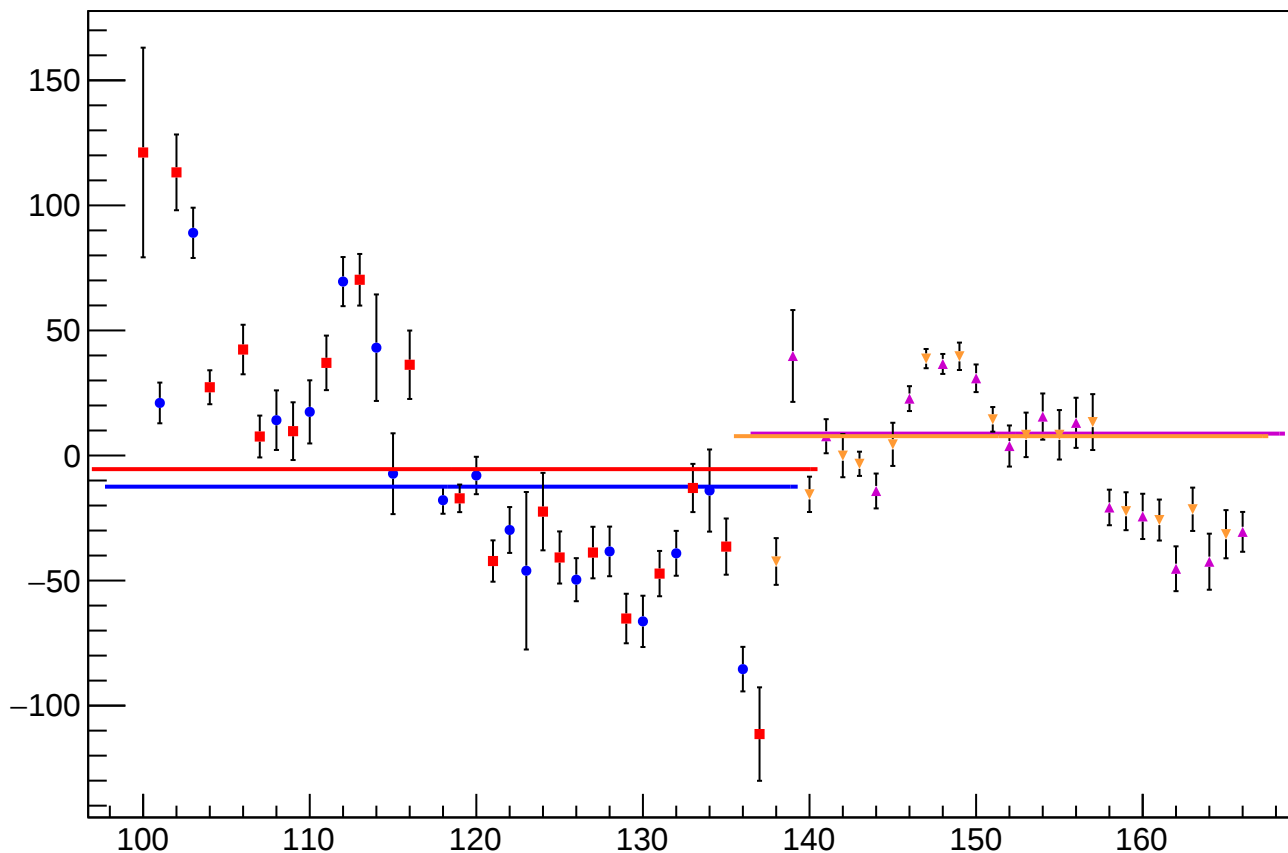
Left In: -486.597+/-2.734 χ^2/NDF : 647.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.857+/-1.890 χ^2/NDF : 2136.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.458 ± 2.349 χ^2/NDF : 341.1/16

Left Out: 7.735 ± 1.740 χ^2/NDF : 207.3/14

Right Out: -5.453 ± 2.259 χ^2/NDF : 345.0/18

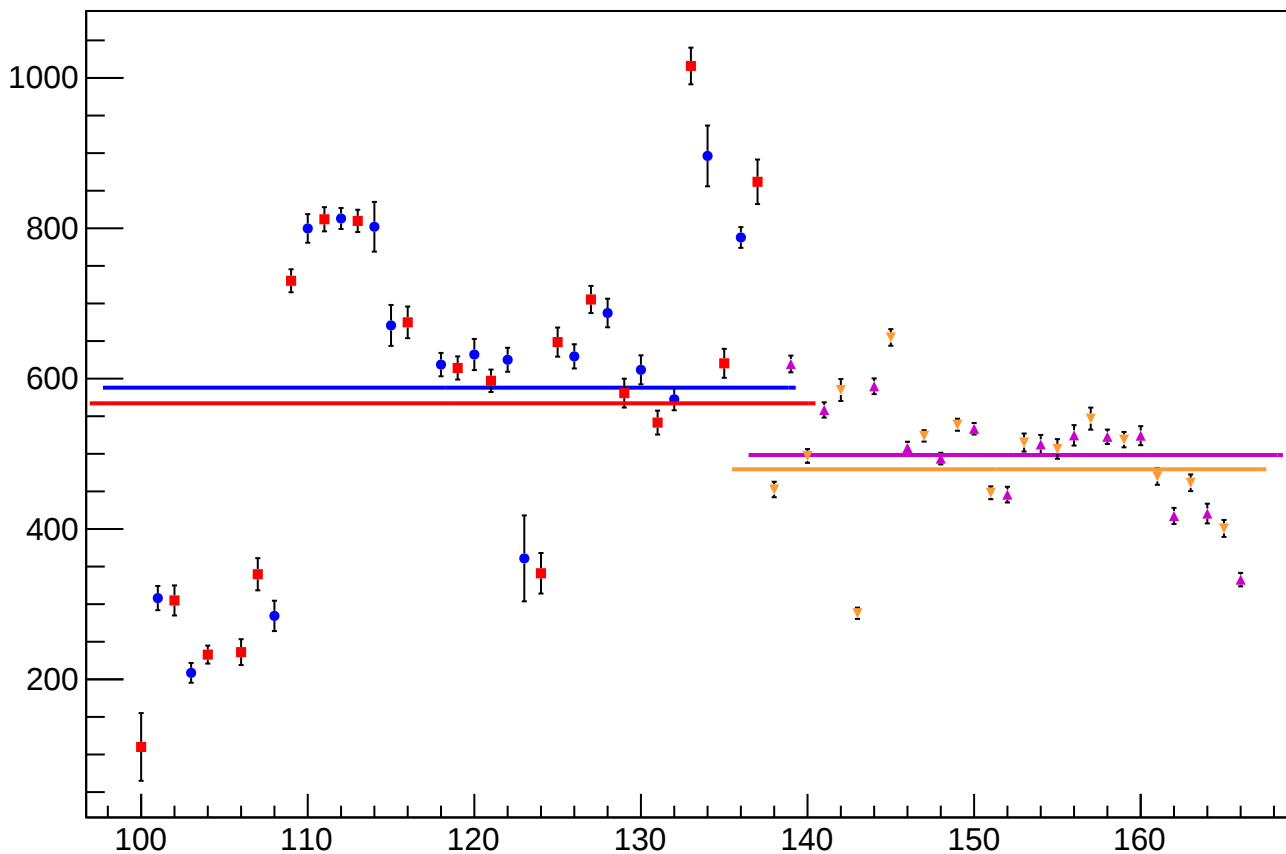
Left In: 8.749 ± 1.871 χ^2/NDF : 199.7/13

+ sign 0.581 ± 1.398 χ^2/NDF : 596.1/31

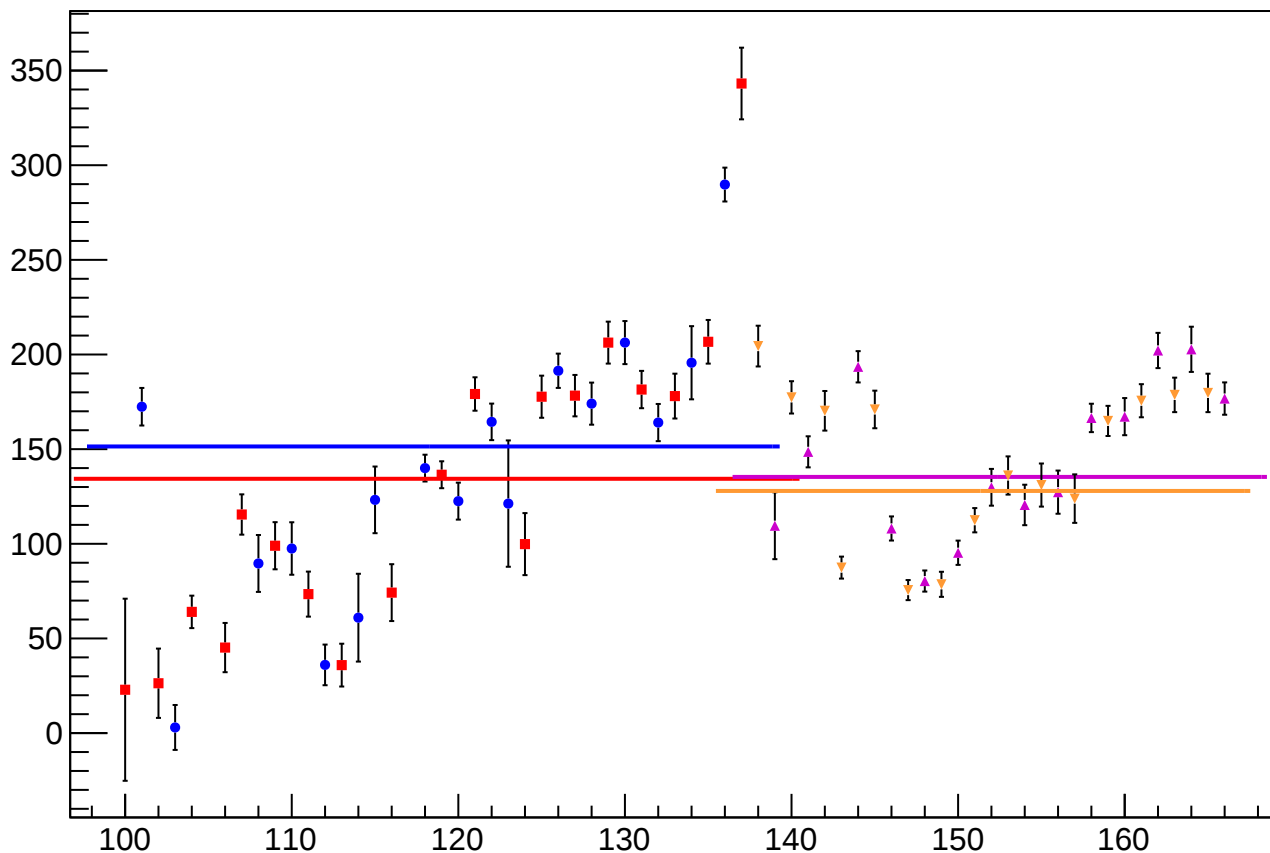
All: 1.739 ± 1.003 χ^2/NDF : 1165.6/64

- sign 2.970 ± 1.441 χ^2/NDF : 568.1/32

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 151.421 ± 2.709 χ^2/NDF : 633.3/16

Left Out: 127.922 ± 2.094 χ^2/NDF : 435.7/14

Right Out: 134.346 ± 2.616 χ^2/NDF : 584.9/18

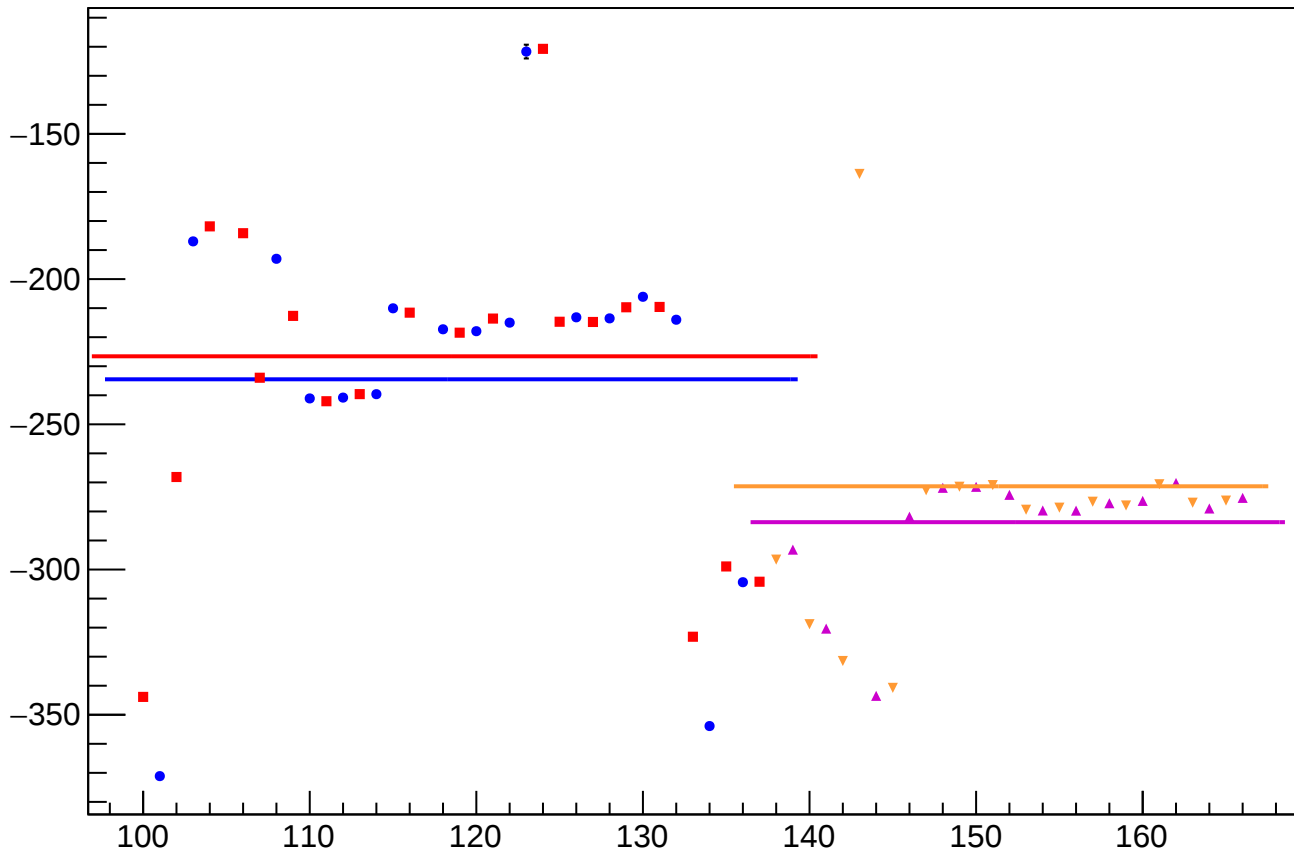
Left In: 135.336 ± 2.229 χ^2/NDF : 346.0/13

+ sign 136.709 ± 1.657 χ^2/NDF : 1116.1/31

All: 135.836 ± 1.185 χ^2/NDF : 2047.7/64

- sign 134.919 ± 1.697 χ^2/NDF : 931.0/32

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.501 ± 0.149 χ^2/NDF : 145046.5/16

Left Out: -271.337 ± 0.104 χ^2/NDF : 182982.9/14

Right Out: -226.581 ± 0.141 χ^2/NDF : 98968.8/18

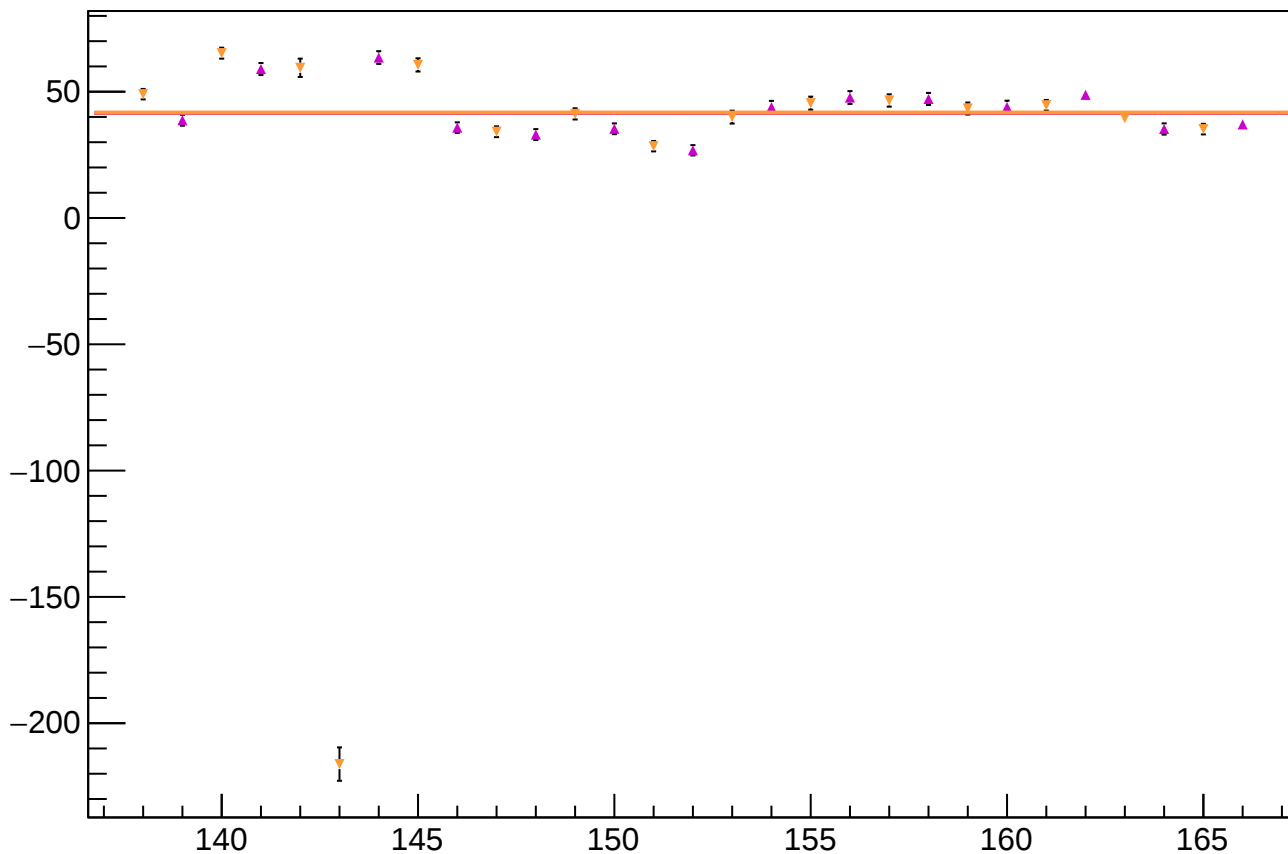
Left In: -283.690 ± 0.107 χ^2/NDF : 31057.6/13

+ sign -259.246 ± 0.085 χ^2/NDF : 369070.3/31

All: -261.022 ± 0.060 χ^2/NDF : 603414.9/64

- sign -262.804 ± 0.086 χ^2/NDF : 233477.7/32

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 41.731+/-0.610 χ^2/NDF : 1800.6/14

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

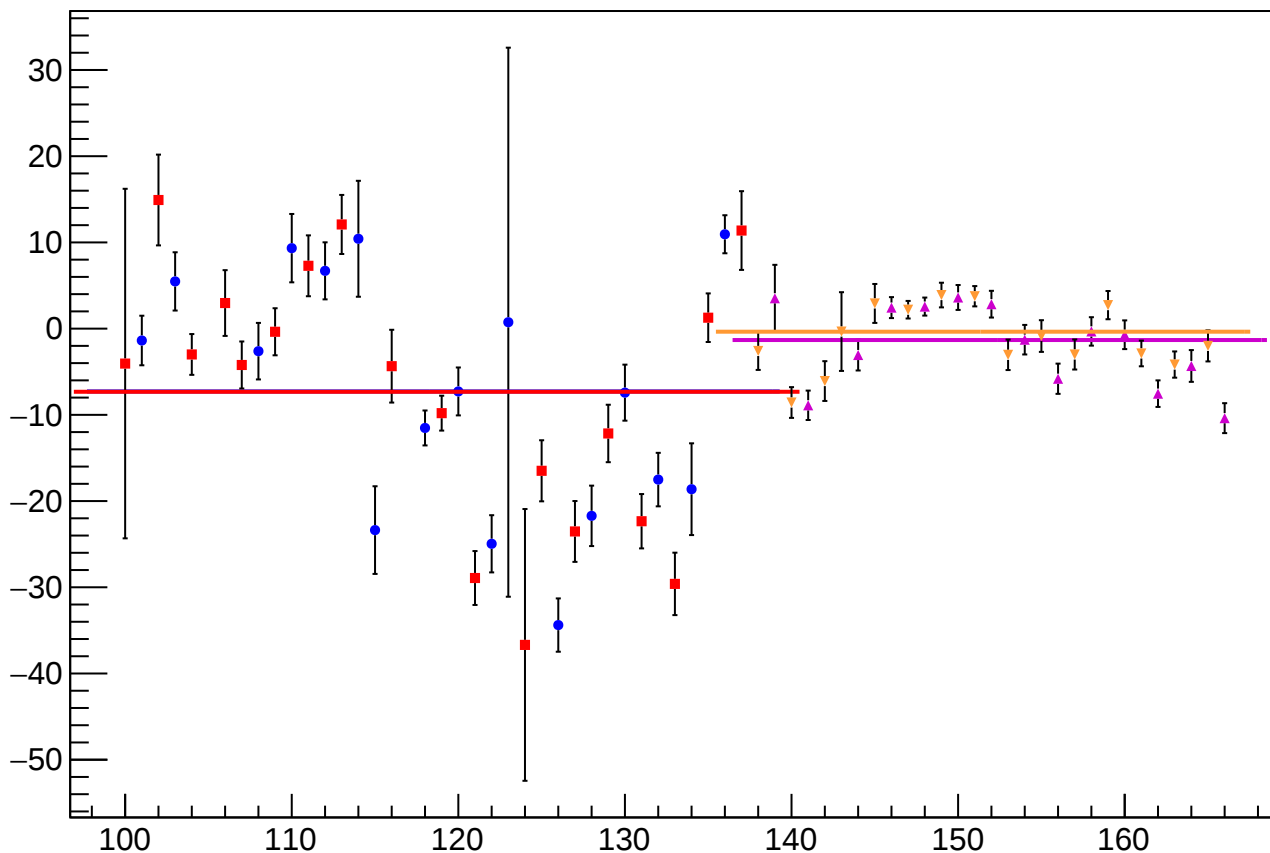
Left In: 41.558+/-0.592 χ^2/NDF : 256.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.642+/-0.425 χ^2/NDF : 2056.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.284 ± 0.789 χ^2/NDF : 283.2/16

Left Out: -0.355 ± 0.421 χ^2/NDF : 76.0/14

Right Out: -7.323 ± 0.761 χ^2/NDF : 255.3/18

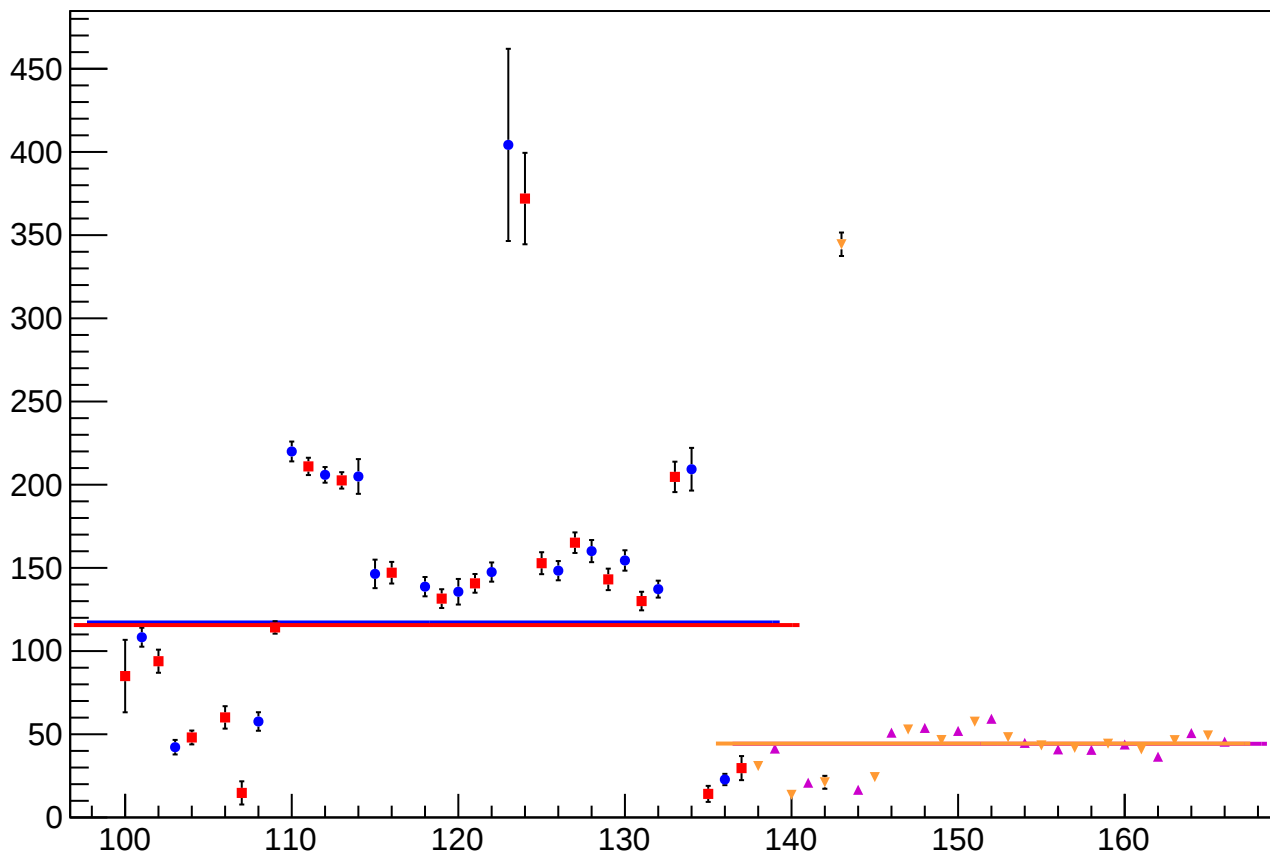
Left In: -1.322 ± 0.421 χ^2/NDF : 117.7/13

+ sign -1.894 ± 0.372 χ^2/NDF : 419.3/31

All: -2.315 ± 0.262 χ^2/NDF : 842.5/64

- sign -2.728 ± 0.368 χ^2/NDF : 420.6/32

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.187 $\pm$ 1.416 χ^2 /NDF: 2161.0/16

Left Out: 44.426 $\pm$ 0.594 χ^2 /NDF:2189.7/14

Right Out: 115.632 $\pm$ 1.361 χ^2 /NDF: 2137.6/18

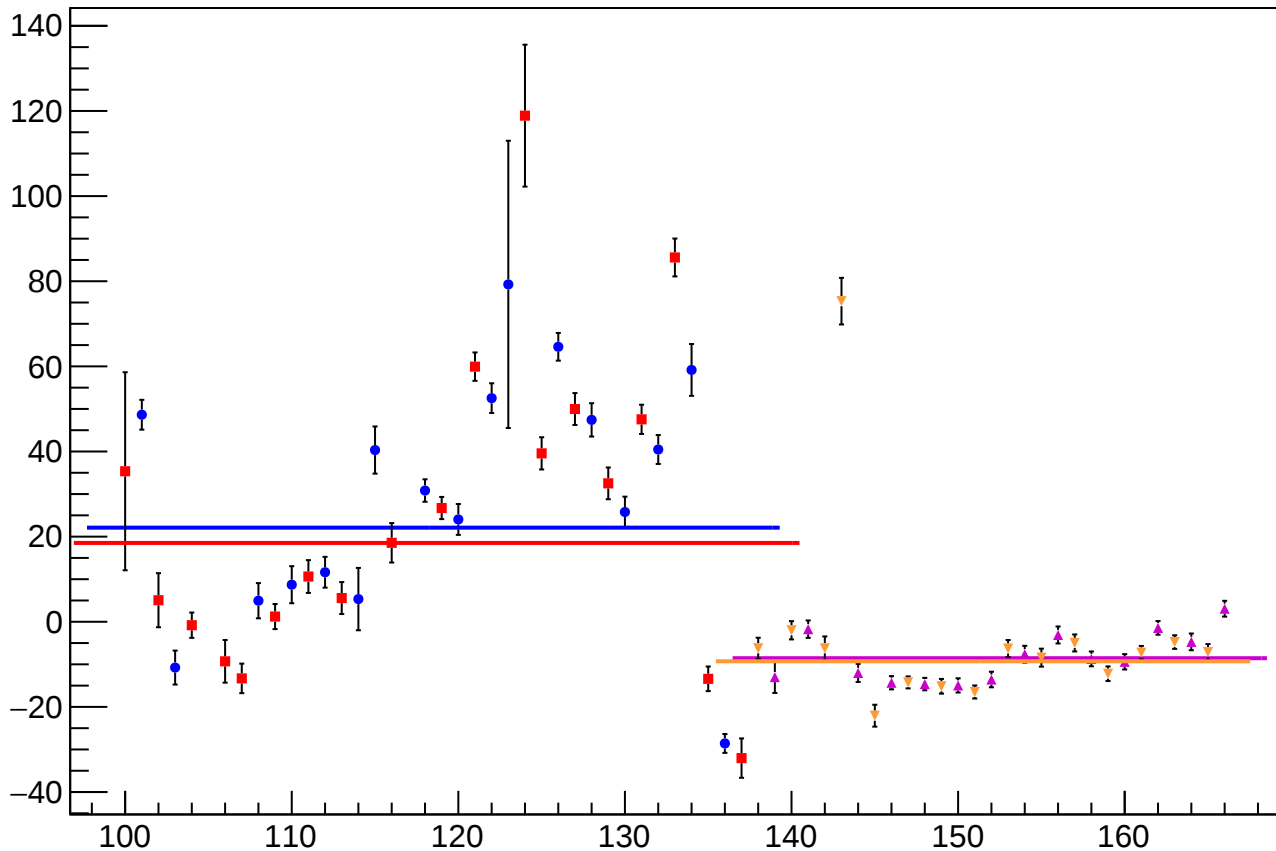
Left In: 44.278 $\pm$ 0.576 χ^2 /NDF:331.9/13

+ sign 55.298 $\pm$ 0.548 χ^2 /NDF: 6595.5/31

All: 55.211 $\pm$ 0.381 χ^2 /NDF: 11395.6/64

- sign 55.130 $\pm$ 0.531 χ^2 /NDF: 4800.1/32

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.110 +/- 0.898 χ^2/NDF : 1070.3/16

Left Out: -9.284 +/- 0.495 χ^2/NDF : 344.6/14

Right Out: 18.521 +/- 0.871 χ^2/NDF : 1068.6/18

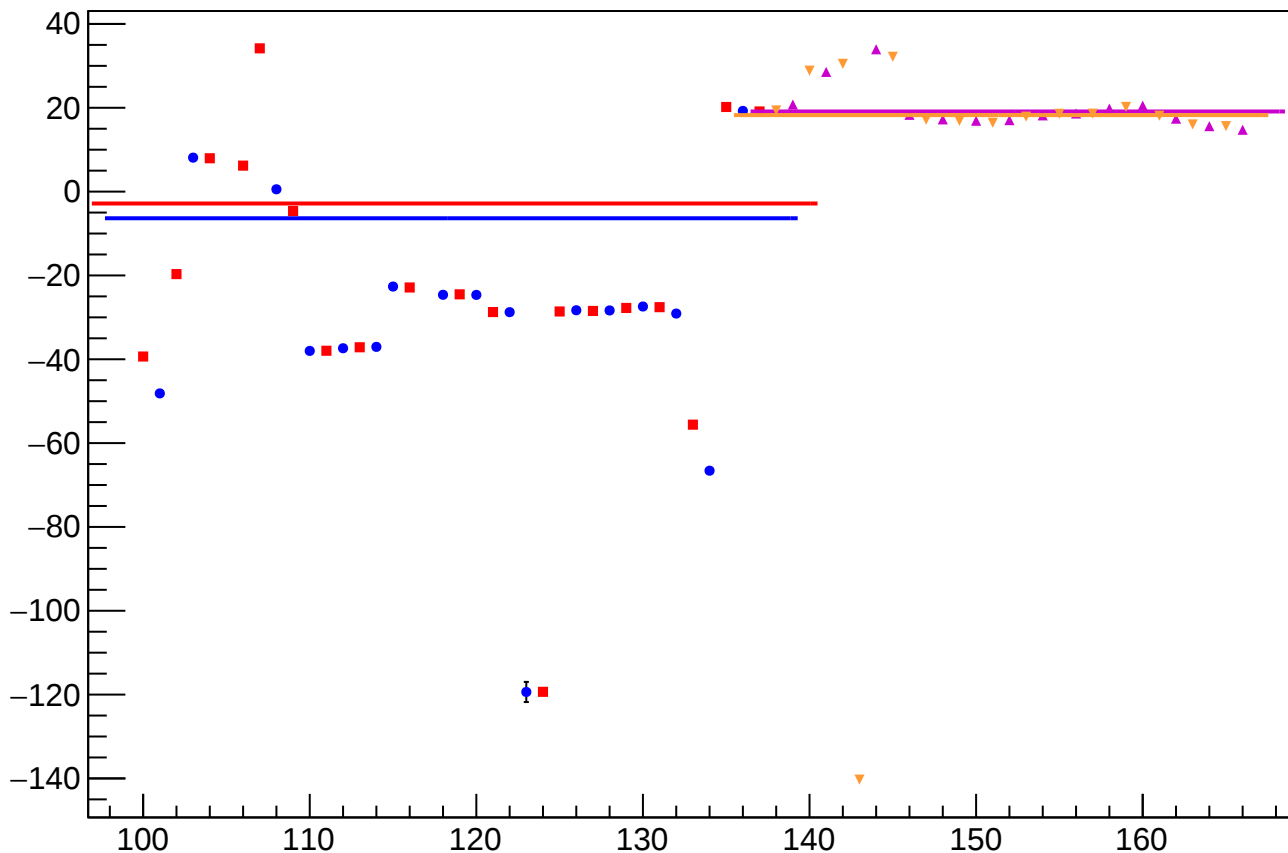
Left In: -8.562 +/- 0.491 χ^2/NDF : 138.9/13

+ sign -1.978 +/- 0.433 χ^2/NDF : 2352.4/31

All: -2.007 +/- 0.304 χ^2/NDF : 4293.4/64

- sign -2.036 +/- 0.428 χ^2/NDF : 1941.0/32

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.360 ± 0.046 $\chi^2/\text{NDF}: 264750.9/16$

Left Out: 18.250 ± 0.023 $\chi^2/\text{NDF}: 351098.7/14$

Right Out: -2.837 ± 0.046 $\chi^2/\text{NDF}: 265573.0/18$

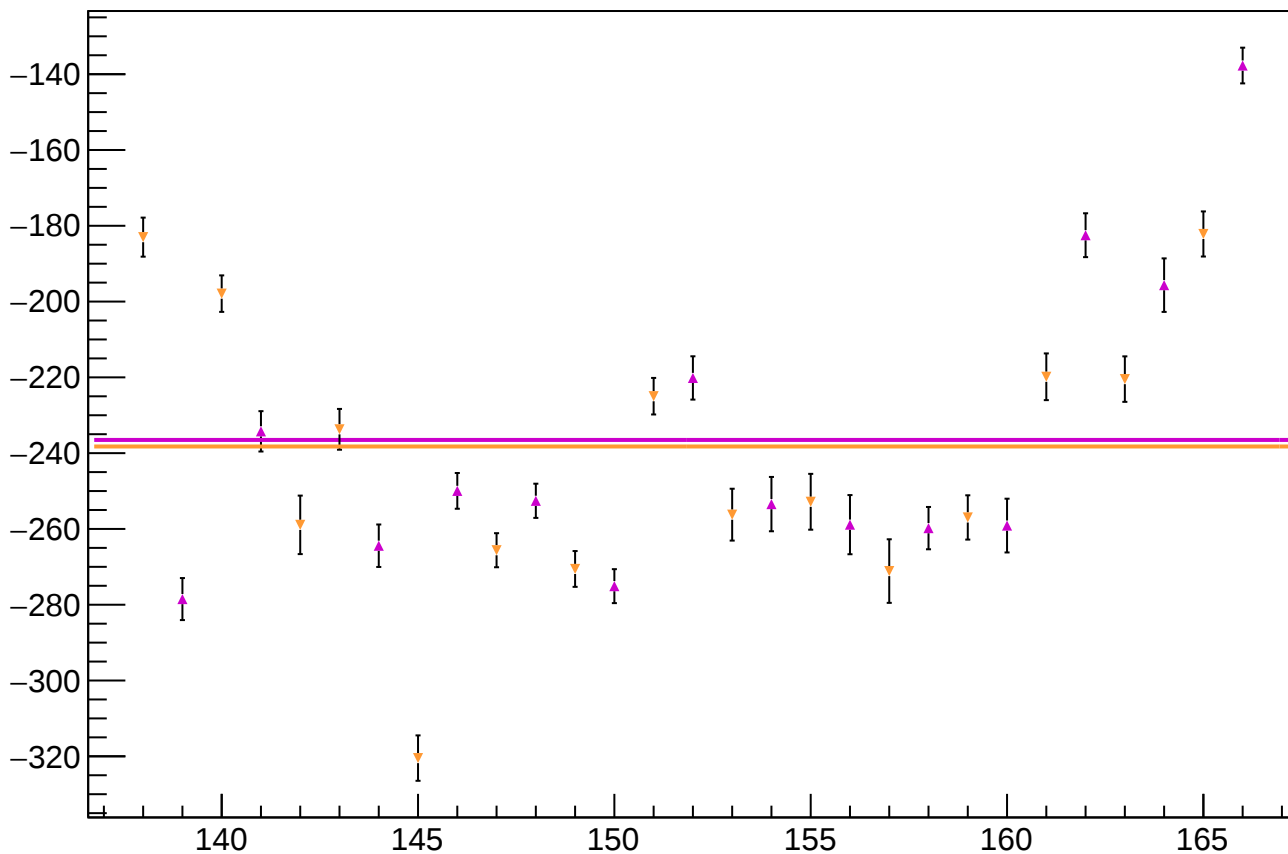
Left In: 19.116 ± 0.023 $\chi^2/\text{NDF}: 31919.8/13$

+ sign 13.274 ± 0.021 $\chi^2/\text{NDF}: 841114.9/31$

All: 14.028 ± 0.015 $\chi^2/\text{NDF}: 1325687.4/64$

- sign 14.752 ± 0.020 $\chi^2/\text{NDF}: 482002.7/32$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -238.242+/-1.470 χ^2/NDF : 615.8/14

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

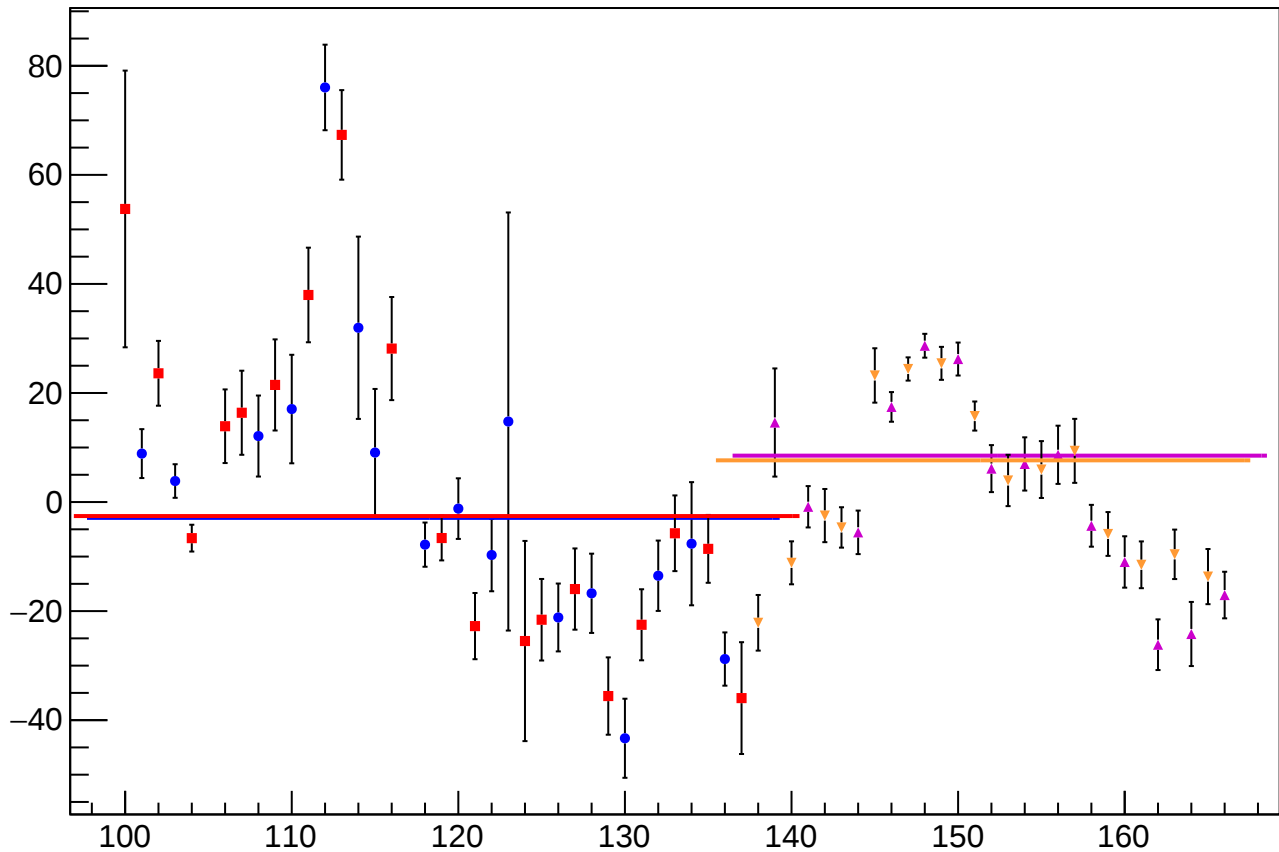
Left In: -236.512+/-1.480 χ^2/NDF : 786.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.383+/-1.043 χ^2/NDF : 1403.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.901 ± 1.467 χ^2/NDF : 203.6/16

Left Out: 7.648 ± 0.979 χ^2/NDF : 251.9/14

Right Out: -2.570 ± 1.396 χ^2/NDF : 218.2/18

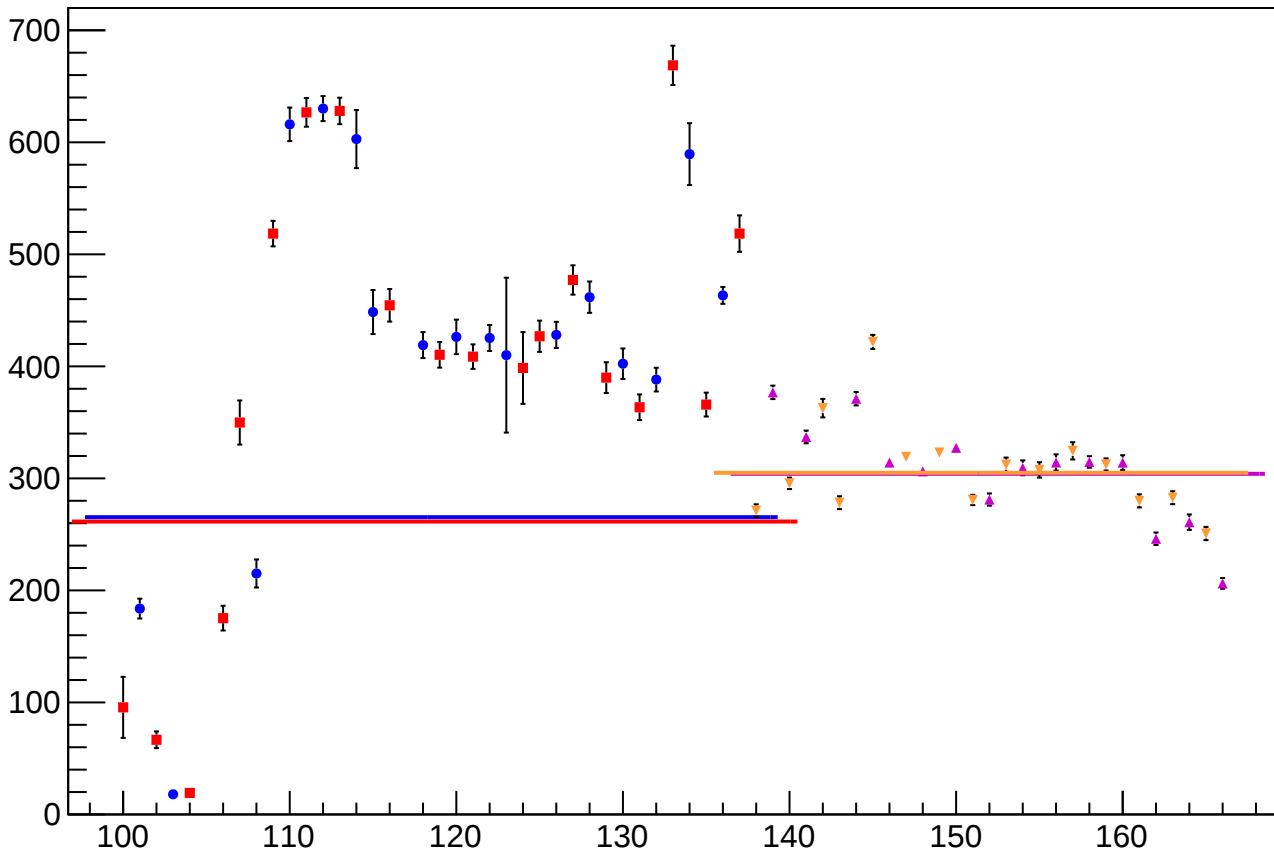
Left In: 8.509 ± 1.015 χ^2/NDF : 300.3/13

+ sign 4.397 ± 0.814 χ^2/NDF : 491.2/31

All: 4.537 ± 0.578 χ^2/NDF : 1051.0/64

- sign 4.678 ± 0.821 χ^2/NDF : 559.7/32

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 265.369 $\pm$ 2.488 χ^2 /NDF: 7633.8/16

Left Out: 305.017 $\pm$ 1.444 χ^2 /NDF: 637.6/14

Right Out: 261.465 $\pm$ 2.458 χ^2 /NDF: 8204.3/18

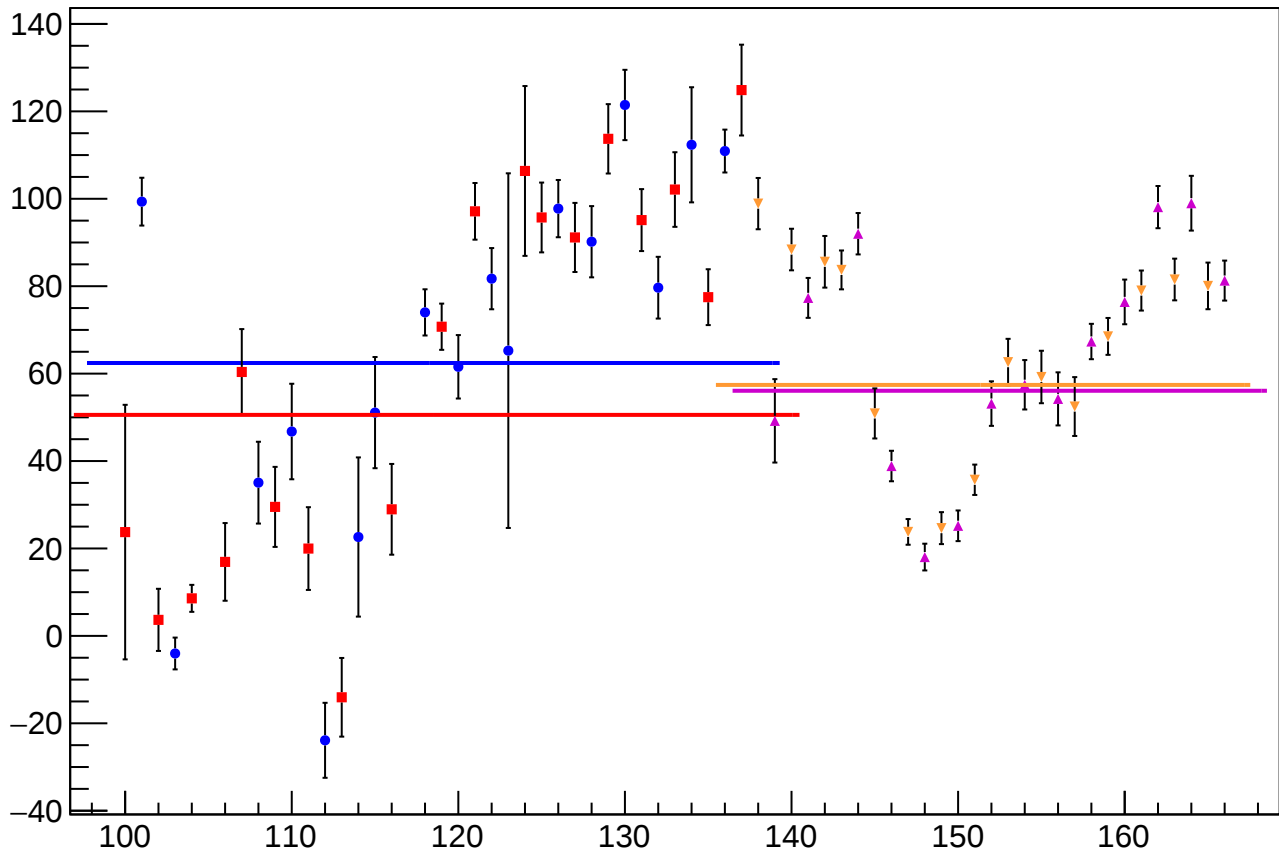
Left In: 304.077 $\pm$ 1.442 χ^2 /NDF: 930.9/13

+ sign 295.031 $\pm$ 1.249 χ^2 /NDF: 8461.4/31

All: 294.097 $\pm$ 0.881 χ^2 /NDF: 17821.3/64

- sign 293.170 $\pm$ 1.243 χ^2 /NDF: 9358.8/32

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.434 $\pm$ 1.694 χ^2 /NDF: 721.8/16

Left Out: 57.415 $\pm$ 1.175 χ^2 /NDF: 476.1/14

Right Out: 50.560 $\pm$ 1.642 χ^2 /NDF: 657.4/18

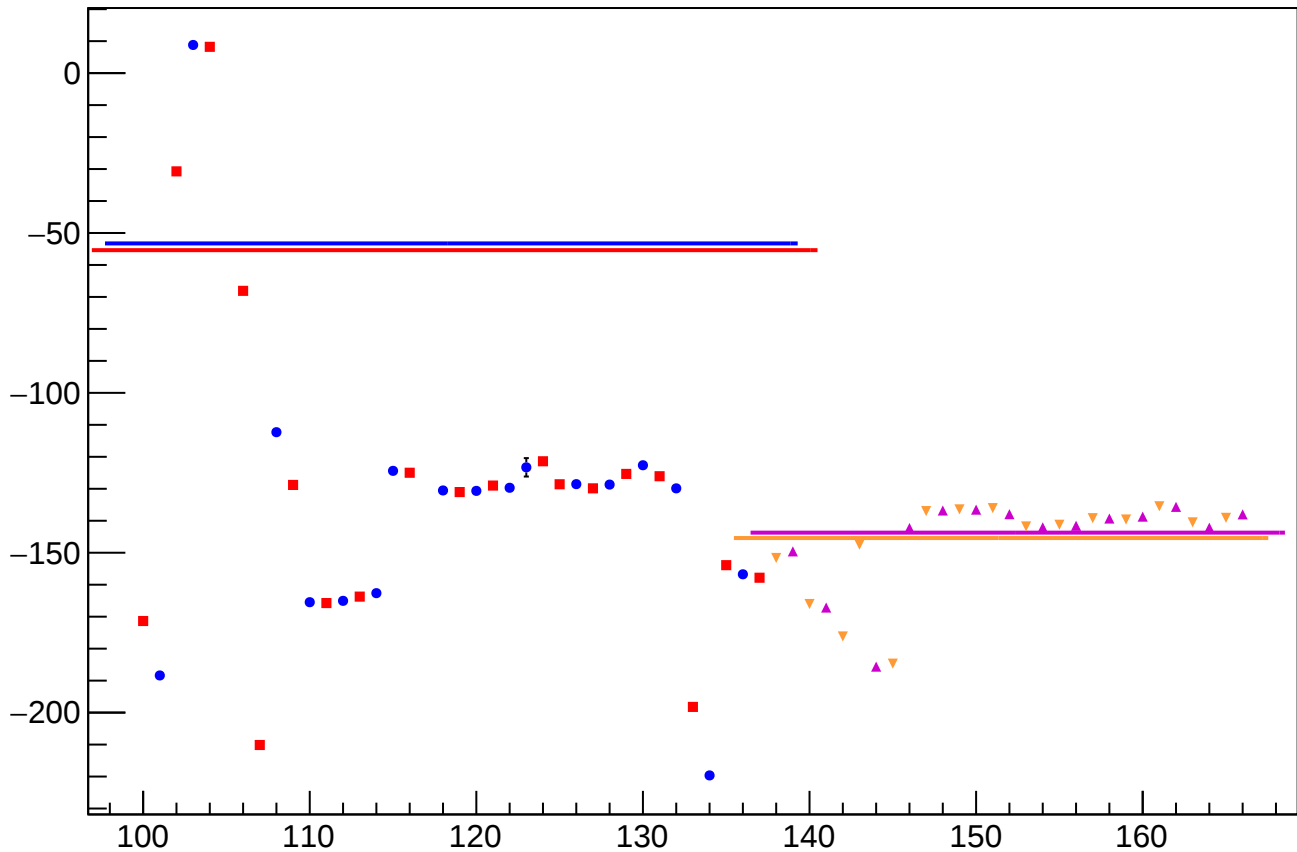
Left In: 56.078 $\pm$ 1.207 χ^2 /NDF: 513.4/13

+ sign 59.045 $\pm$ 0.965 χ^2 /NDF: 1203.8/31

All: 56.612 $\pm$ 0.685 χ^2 /NDF: 2394.6/64

- sign 54.142 $\pm$ 0.973 χ^2 /NDF: 1178.1/32

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.264 ± 0.070 $\chi^2/\text{NDF}: 1225492.9/16$

Left Out: -145.406 ± 0.058 $\chi^2/\text{NDF}: 54345.6/14$

Right Out: -55.373 ± 0.072 $\chi^2/\text{NDF}: 967027.2/18$

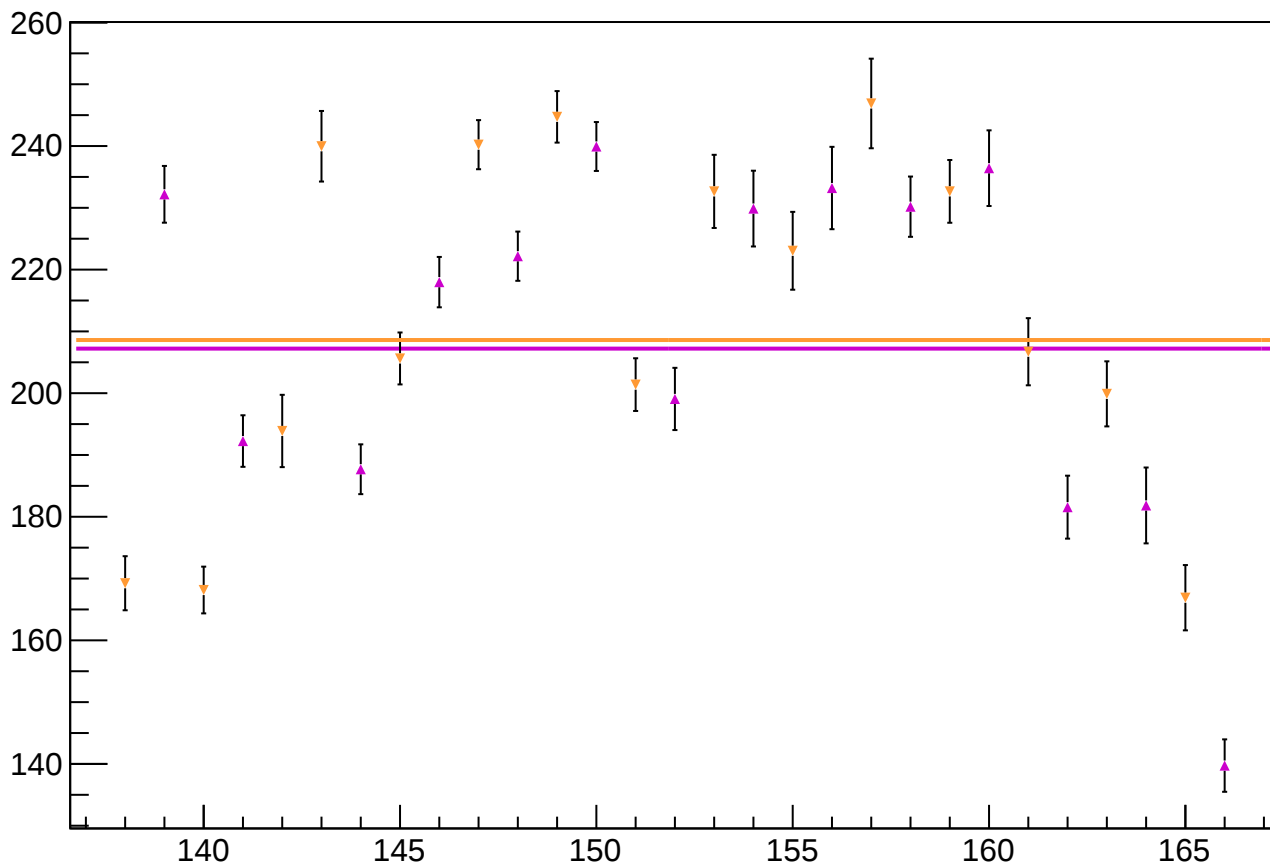
Left In: -143.718 ± 0.058 $\chi^2/\text{NDF}: 43755.3/13$

$+ \text{sign } -108.153 \pm 0.045$ $\chi^2/\text{NDF}: 2299978.1/31$

All: -108.573 ± 0.032 $\chi^2/\text{NDF}: 4226098.4/64$

$- \text{sign } -108.999 \pm 0.045$ $\chi^2/\text{NDF}: 1925943.1/32$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 208.604+/-1.258 χ^2/NDF : 510.7/14

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

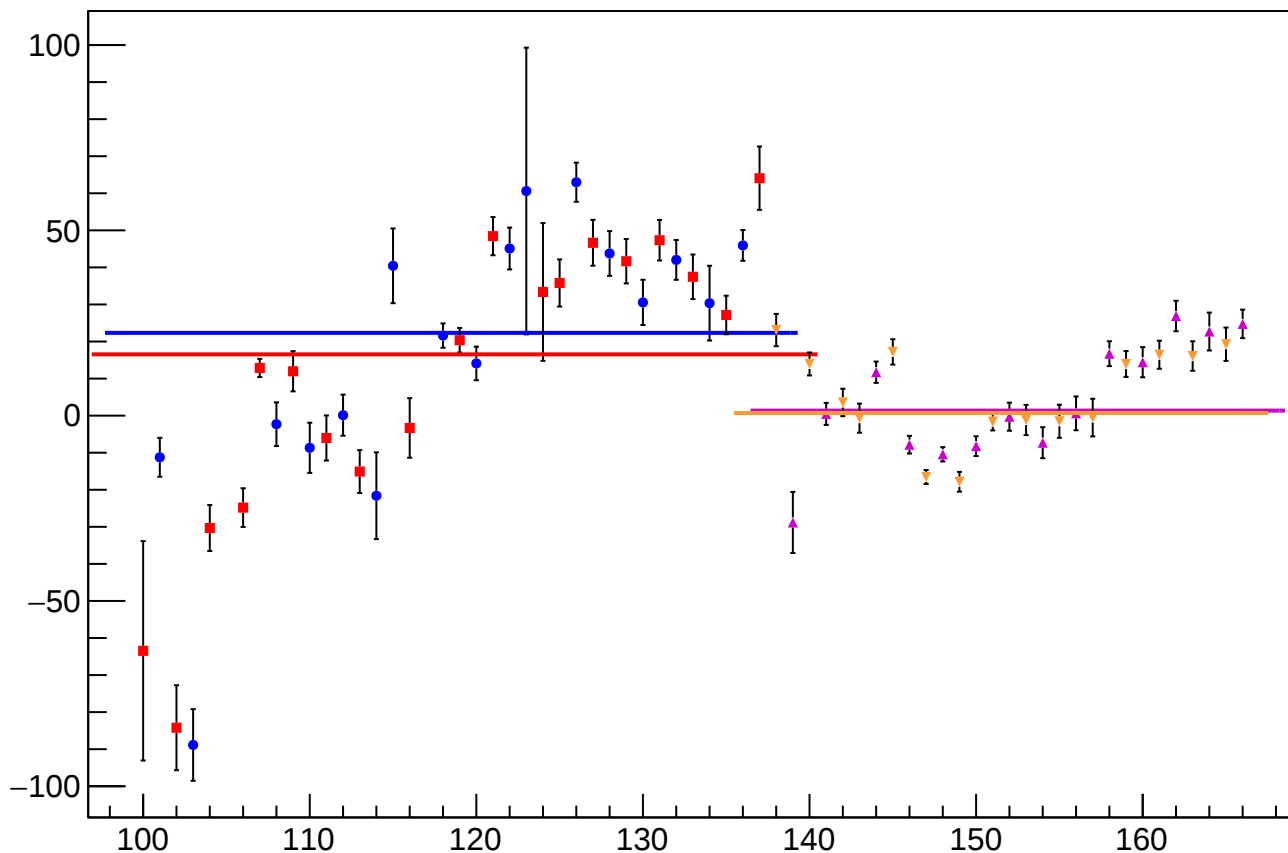
Left In: 207.214+/-1.259 χ^2/NDF : 527.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.910+/-0.890 χ^2/NDF : 1038.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.342 ± 1.395 χ^2/NDF : 385.8/16

Left Out: 0.708 ± 0.846 χ^2/NDF : 265.8/14

Right Out: 16.537 ± 1.227 χ^2/NDF : 426.6/18

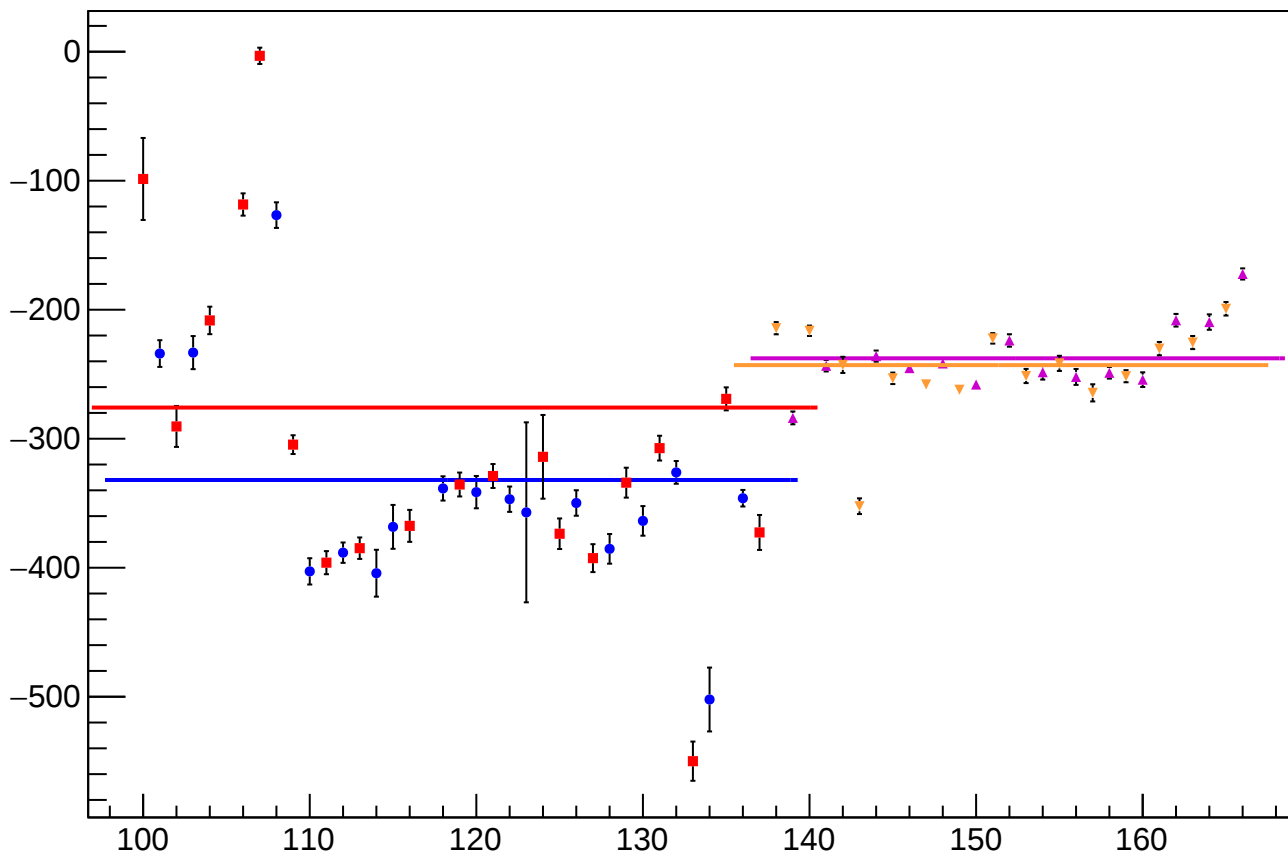
Left In: 1.363 ± 0.869 χ^2/NDF : 220.8/13

+ sign 6.528 ± 0.724 χ^2/NDF : 827.4/31

All: 6.479 ± 0.507 χ^2/NDF : 1576.5/64

- sign 6.432 ± 0.709 χ^2/NDF : 749.2/32

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.989 ± 2.580 χ^2/NDF : 785.0/16

Left Out: -242.946 ± 1.241 χ^2/NDF : 576.8/14

Right Out: -275.842 ± 2.325 χ^2/NDF : 3362.2/18

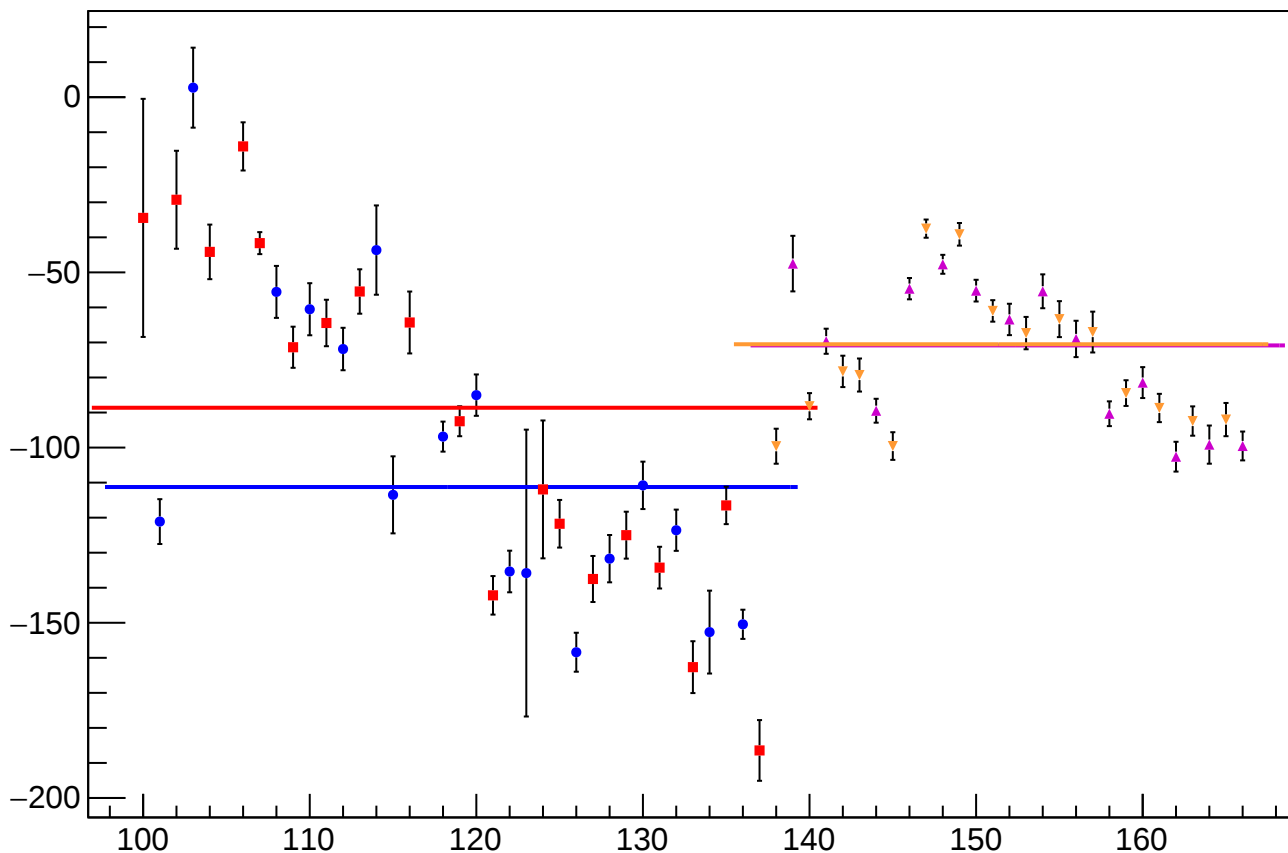
Left In: -237.669 ± 1.232 χ^2/NDF : 442.4/13

+ sign -259.664 ± 1.118 χ^2/NDF : 2329.1/31

All: -252.671 ± 0.780 χ^2/NDF : 6420.4/64

- sign -246.041 ± 1.089 χ^2/NDF : 4015.1/32

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.257 $\pm$ 1.597 χ^2 /NDF: 509.6/16

Left Out: -70.513 $\pm$ 1.014 χ^2 /NDF: 467.9/14

Right Out: -88.633 $\pm$ 1.433 χ^2 /NDF: 971.0/18

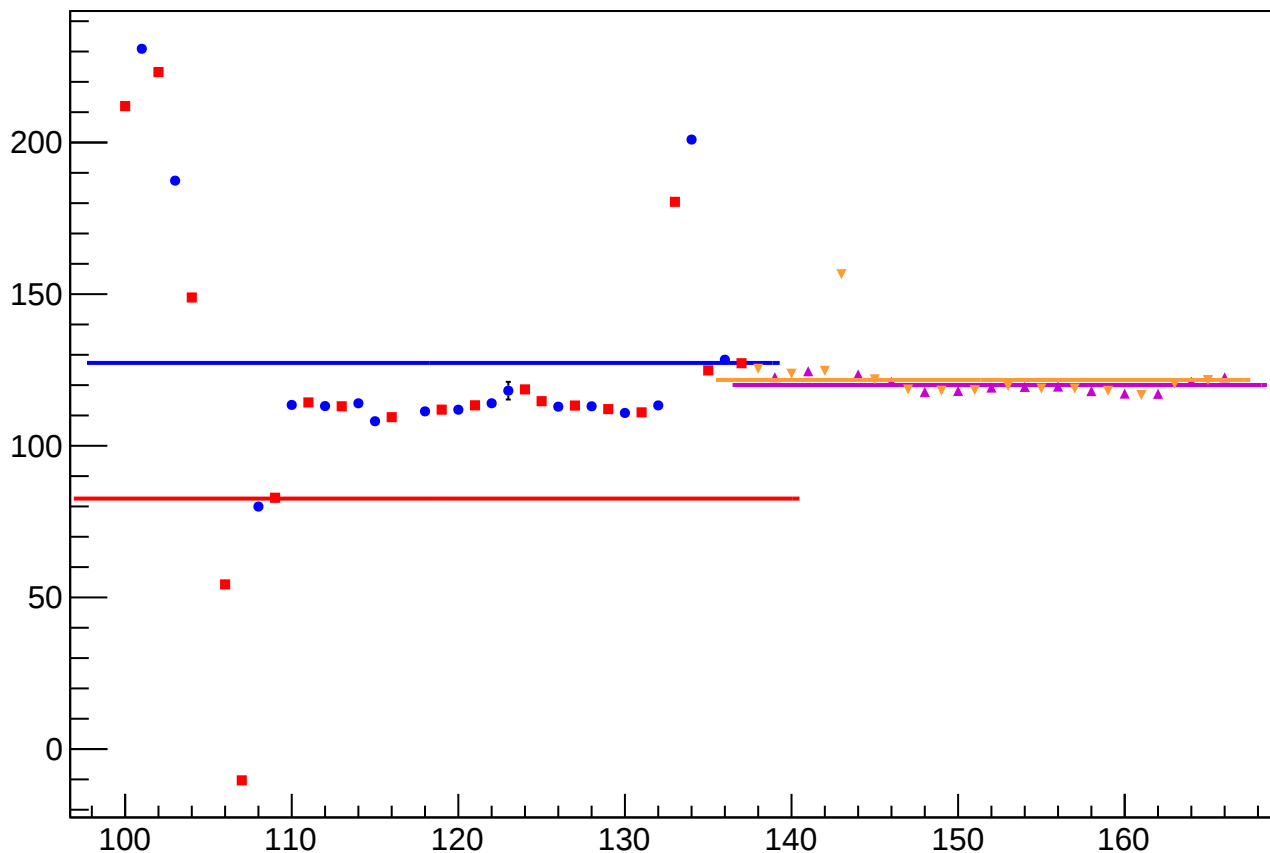
Left In: -70.843 $\pm$ 1.032 χ^2 /NDF: 346.5/13

+ sign -82.216 $\pm$ 0.856 χ^2 /NDF: 1441.3/31

All: -79.511 $\pm$ 0.599 χ^2 /NDF: 2879.8/64

- sign -76.921 $\pm$ 0.838 χ^2 /NDF: 1418.9/32

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.323 +/- 0.089 χ^2/NDF : 187776.4/16

Left Out: 121.713 +/- 0.050 χ^2/NDF : 23673.1/14

Right Out: 82.595 +/- 0.075 χ^2/NDF : 765022.5/18

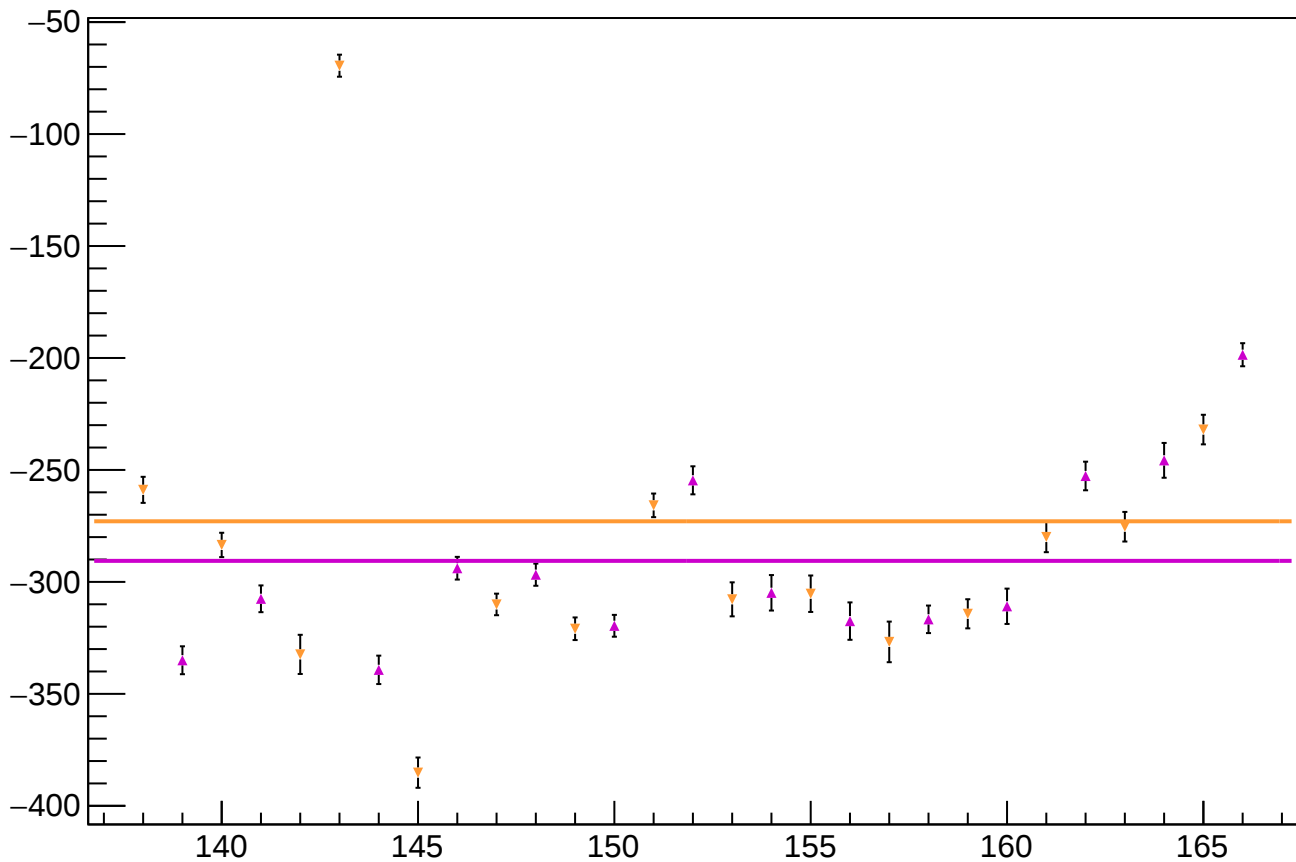
Left In: 120.055 +/- 0.049 χ^2/NDF : 2391.8/13

+ sign 123.041 +/- 0.044 χ^2/NDF : 214452.3/31

All: 115.547 +/- 0.030 χ^2/NDF : 1210958.6/64

- sign 108.777 +/- 0.041 χ^2/NDF : 940046.5/32

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -272.933+/-1.594 χ^2/NDF : 2342.5/14

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

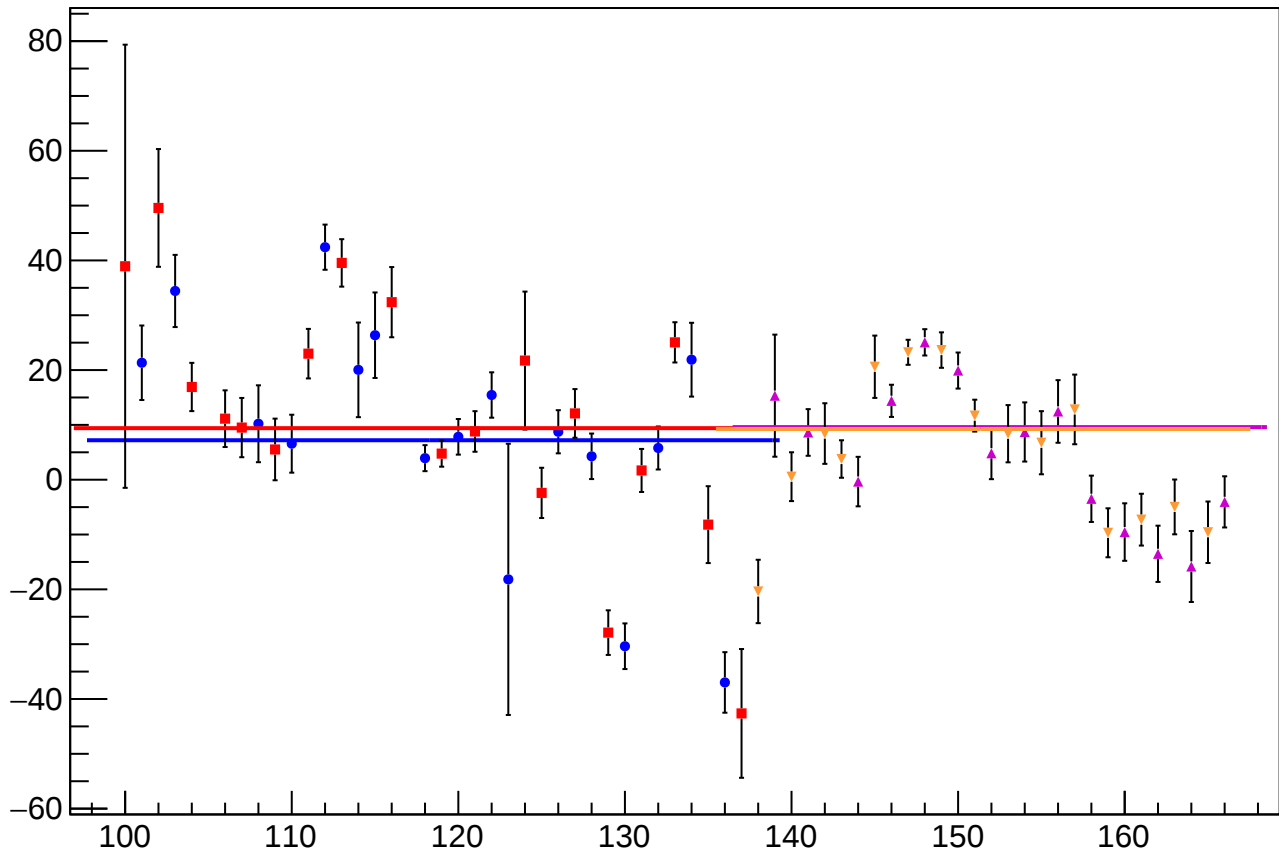
Left In: -290.606+/-1.628 χ^2/NDF : 613.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.584+/-1.139 χ^2/NDF : 3016.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.199 $\pm$ 1.103 χ^2/NDF : 260.9/16

Left Out: 9.252 $\pm$ 1.058 χ^2/NDF :144.8/14

Right Out: 9.403 $\pm$ 1.071 χ^2/NDF : 232.2/18

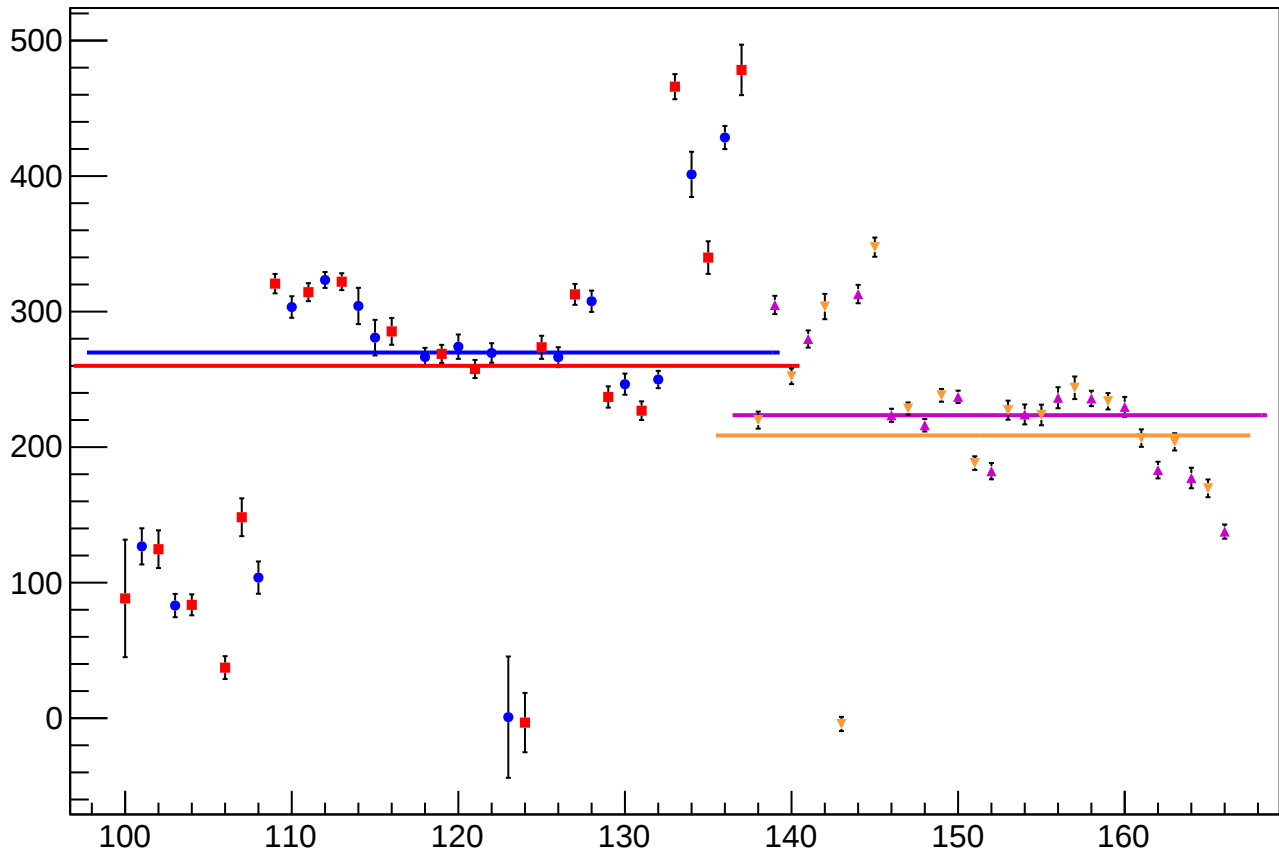
Left In: 9.597 $\pm$ 1.115 χ^2/NDF :127.6/13

+ sign 8.268 $\pm$ 0.763 χ^2/NDF : 407.5/31

All: 8.875 $\pm$ 0.543 χ^2/NDF : 768.5/64

- sign 9.496 $\pm$ 0.772 χ^2/NDF : 359.8/32

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.806 ± 2.089 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 208.635 ± 1.567 $\chi^2/\text{NDF}: 2346.5/14$

Right Out: 259.980 ± 1.977 $\chi^2/\text{NDF}: 2538.6/18$

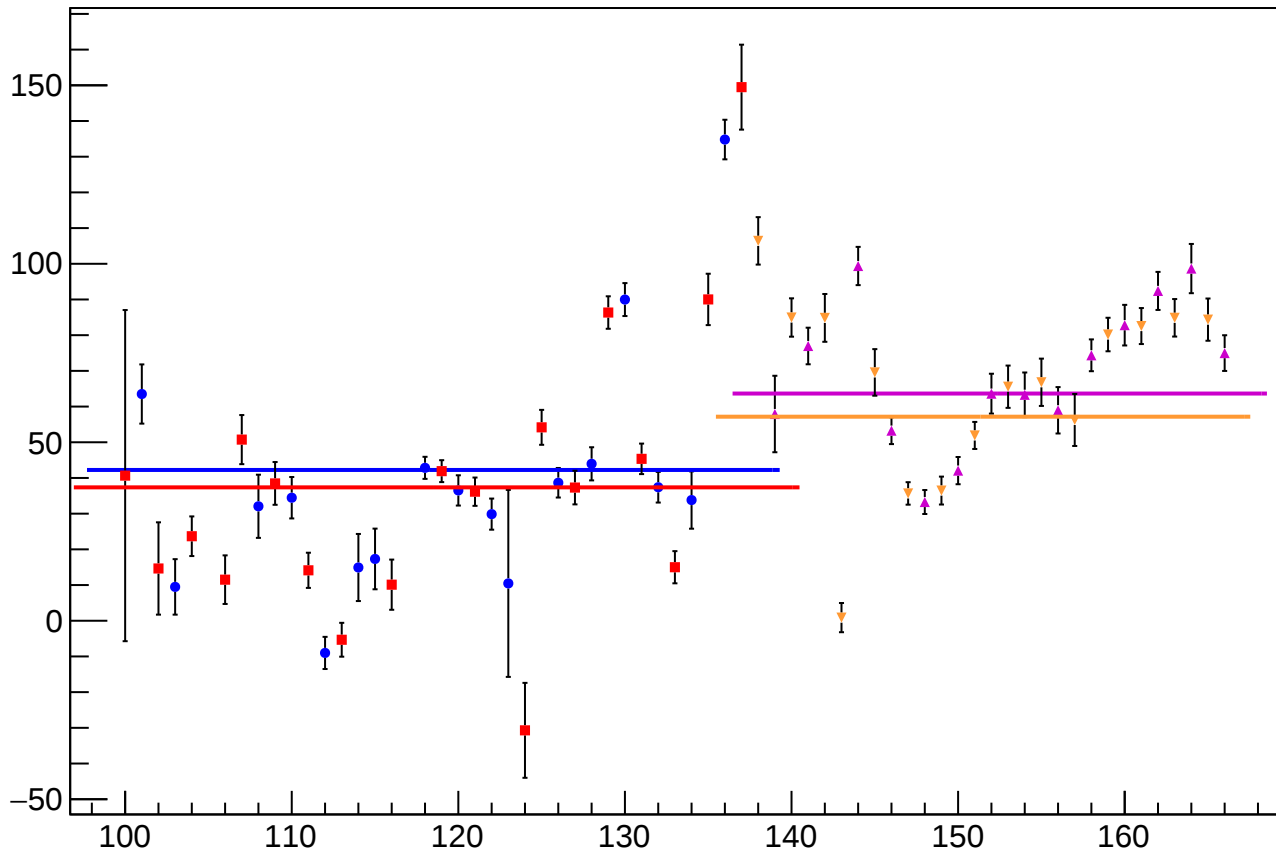
Left In: 223.571 ± 1.585 $\chi^2/\text{NDF}: 812.1/13$

+ sign 230.655 ± 1.253 $\chi^2/\text{NDF}: 4269.4/31$

All: 234.283 ± 0.880 $\chi^2/\text{NDF}: 7843.1/64$

- sign 237.813 ± 1.236 $\chi^2/\text{NDF}: 3557.2/32$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.242 $\pm$ 1.274 χ^2 /NDF: 574.4/16

Left Out: 57.164 $\pm$ 1.272 χ^2 /NDF: 470.8/14

Right Out: 37.367 $\pm$ 1.235 χ^2 /NDF: 472.3/18

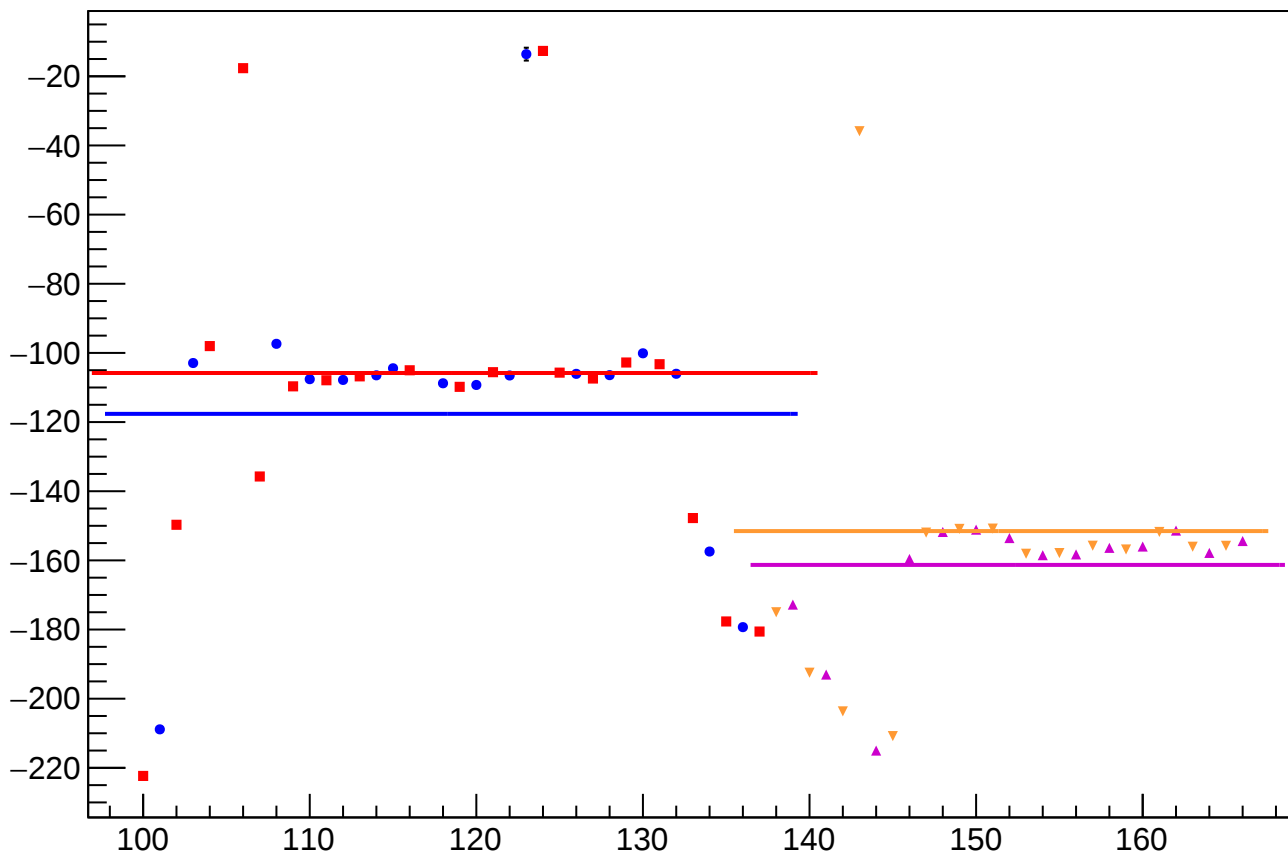
Left In: 63.649 $\pm$ 1.326 χ^2 /NDF: 250.7/13

+ sign 49.714 $\pm$ 0.900 χ^2 /NDF: 1113.9/31

All: 49.641 $\pm$ 0.638 χ^2 /NDF: 2047.3/64

- sign 49.567 $\pm$ 0.904 χ^2 /NDF: 933.4/32

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.625+/-0.079 χ^2/NDF : 141872.3/16

Left Out: -151.527+/-0.063 χ^2/NDF : 403881.6/14

Right Out: -105.807+/-0.073 χ^2/NDF : 323108.1/18

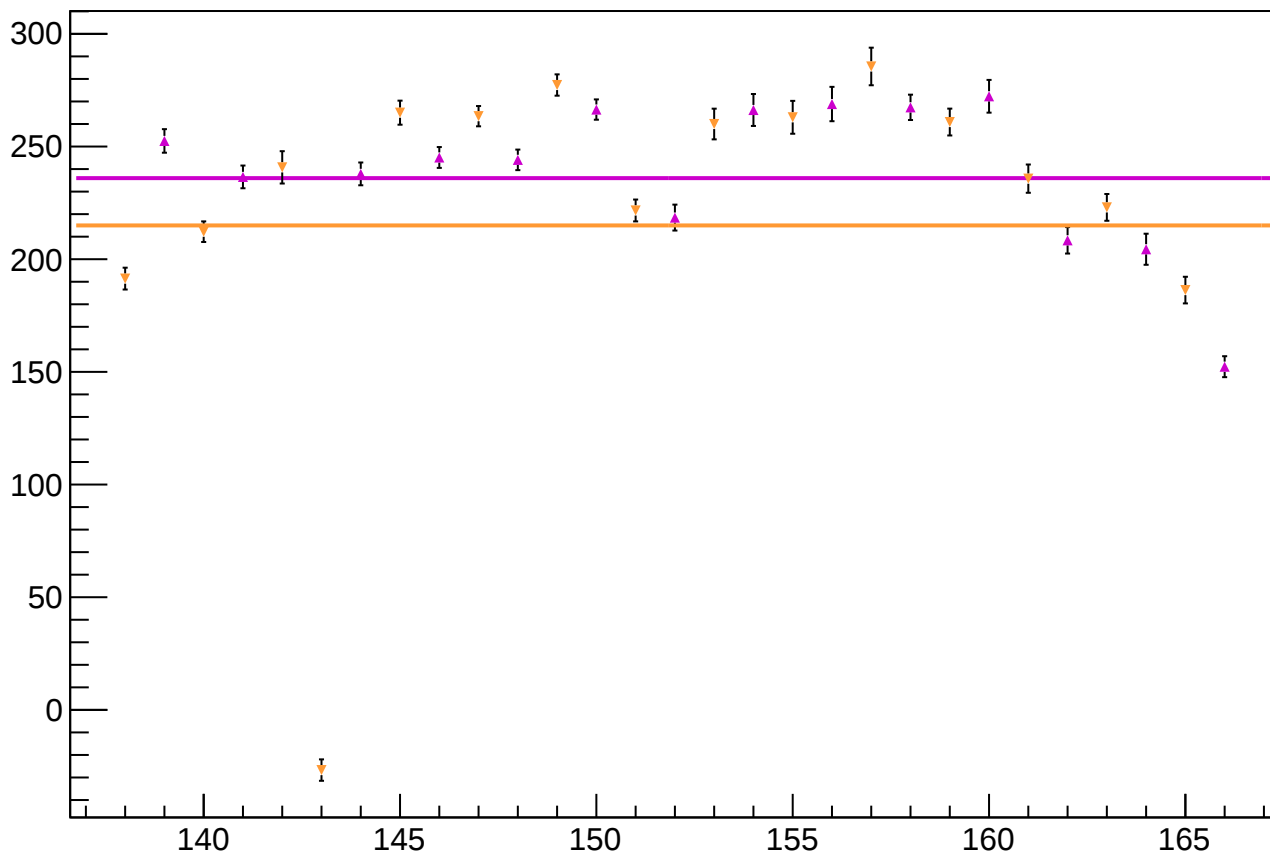
Left In: -161.310+/-0.064 χ^2/NDF : 60281.2/13

+ sign -138.250+/-0.049 χ^2/NDF : 659143.8/31

All: -137.740+/-0.034 χ^2/NDF : 1371963.6/64

- sign -137.255+/-0.048 χ^2/NDF : 712609.8/32

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 214.992+/-1.427 χ^2/NDF : 3254.9/14

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

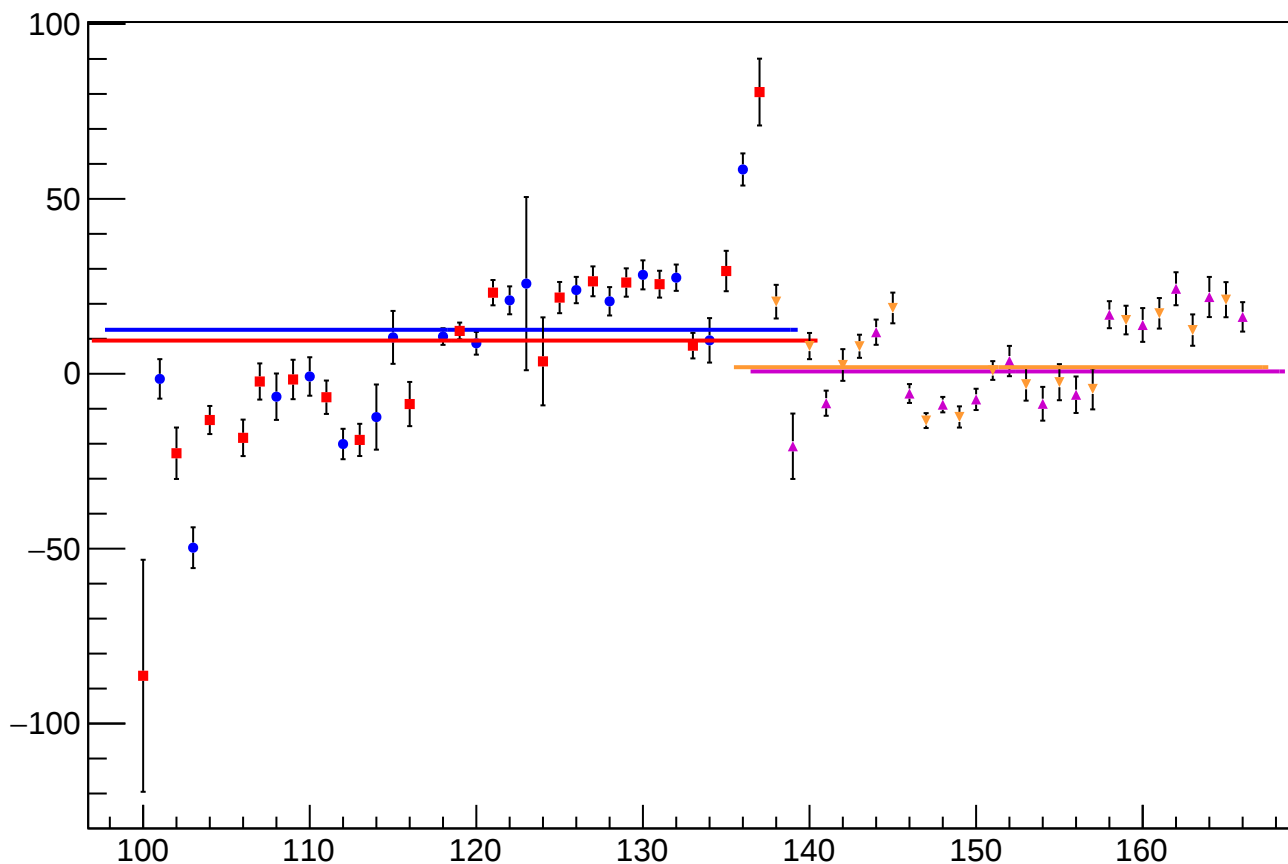
Left In: 235.980+/-1.453 χ^2/NDF : 532.2/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.293+/-1.018 χ^2/NDF : 3893.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.574 ± 1.074 $\chi^2/\text{NDF}: 348.0/16$

Left Out: 1.880 ± 0.958 $\chi^2/\text{NDF}: 155.9/14$

Right Out: 9.493 ± 1.047 $\chi^2/\text{NDF}: 295.8/18$

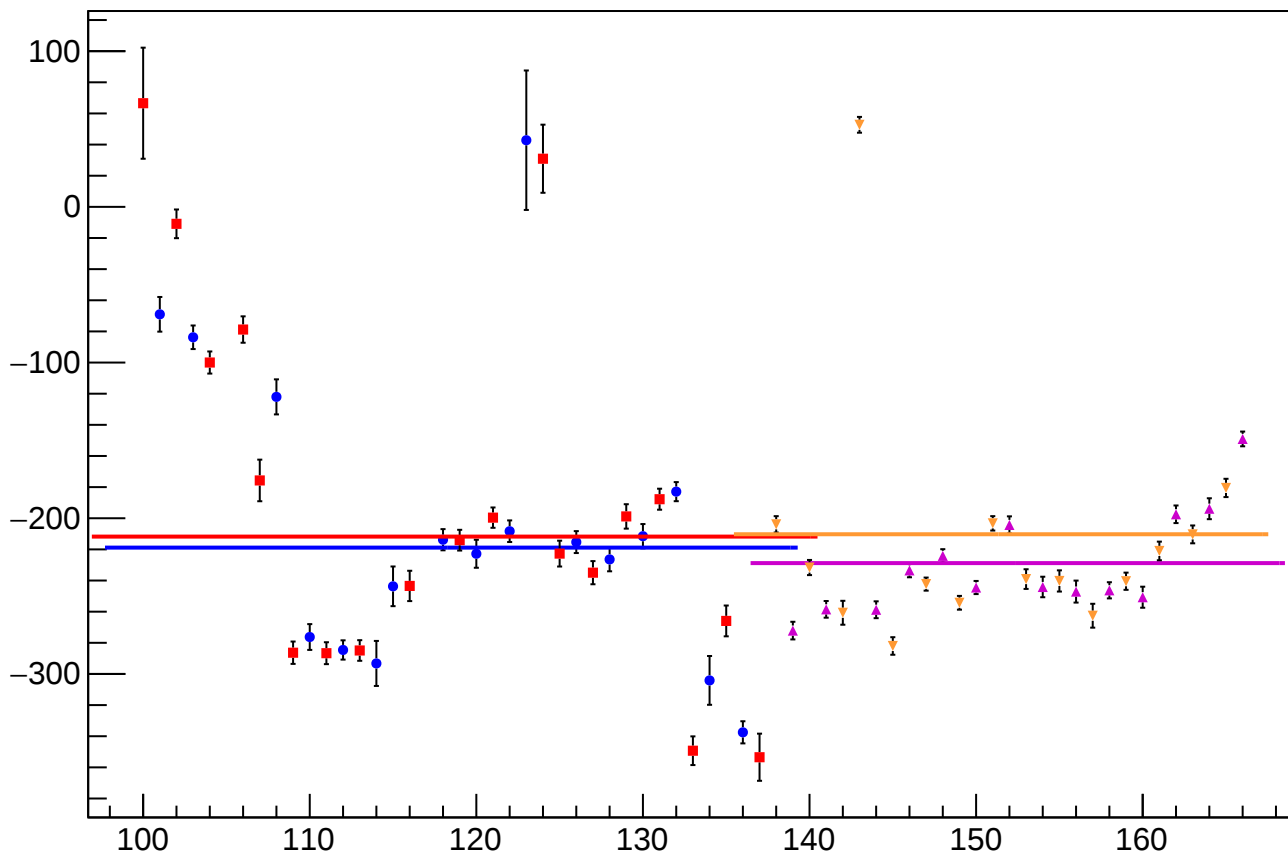
Left In: 0.668 ± 1.005 $\chi^2/\text{NDF}: 135.7/13$

+ sign 6.620 ± 0.715 $\chi^2/\text{NDF}: 559.1/31$

All: 5.770 ± 0.509 $\chi^2/\text{NDF}: 1030.5/64$

- sign 4.897 ± 0.725 $\chi^2/\text{NDF}: 468.5/32$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.855 ± 2.023 χ^2/NDF : 1146.6/16

Left Out: -210.274 ± 1.408 χ^2/NDF : 3215.7/14

Right Out: -211.780 ± 1.924 χ^2/NDF : 1885.2/18

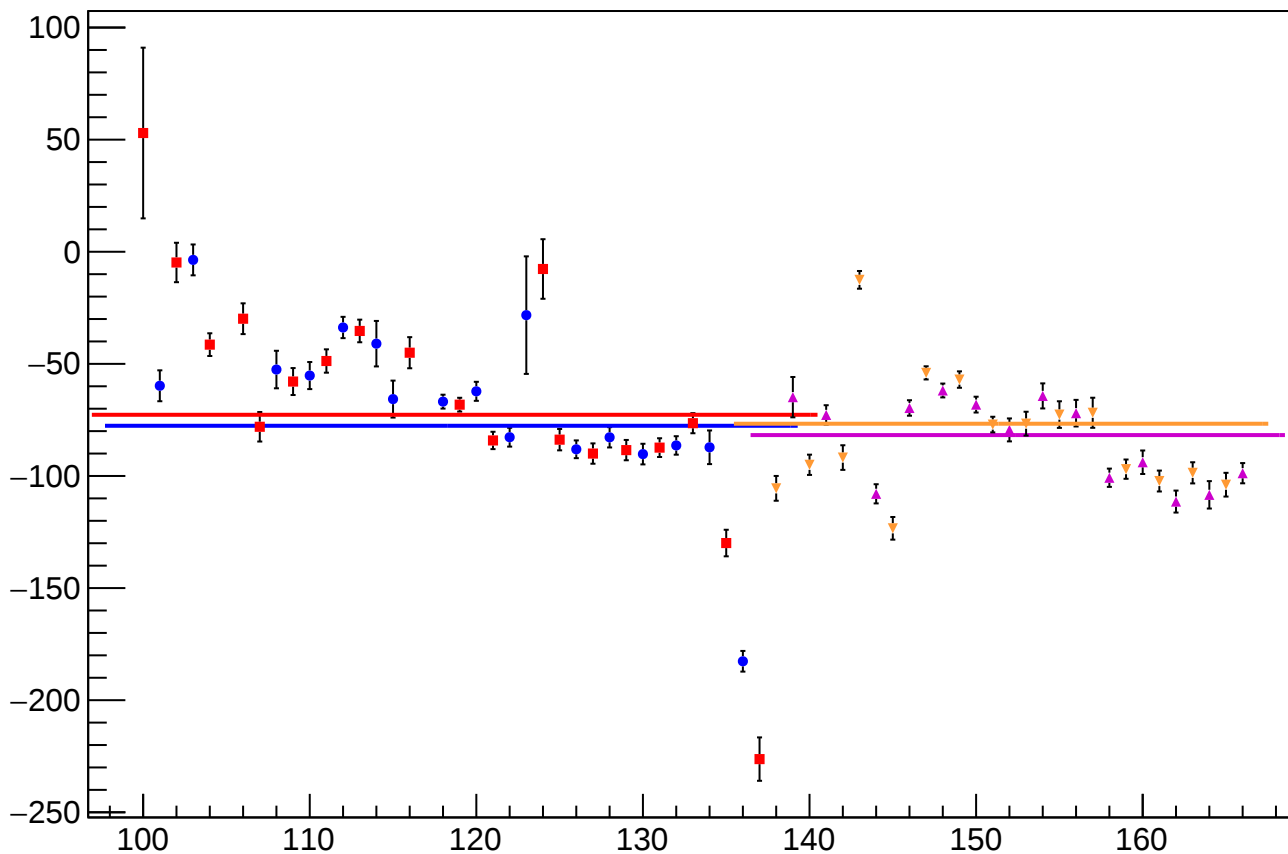
Left In: -228.805 ± 1.421 χ^2/NDF : 531.4/13

+ sign -213.077 ± 1.156 χ^2/NDF : 4374.4/31

All: -217.992 ± 0.813 χ^2/NDF : 6877.3/64

- sign -222.797 ± 1.143 χ^2/NDF : 2467.2/32

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.612 $\pm$ 1.236 χ^2/NDF : 815.9/16

Left Out: -76.702 $\pm$ 1.149 χ^2/NDF : 589.8/14

Right Out: -72.710 $\pm$ 1.206 χ^2/NDF : 671.4/18

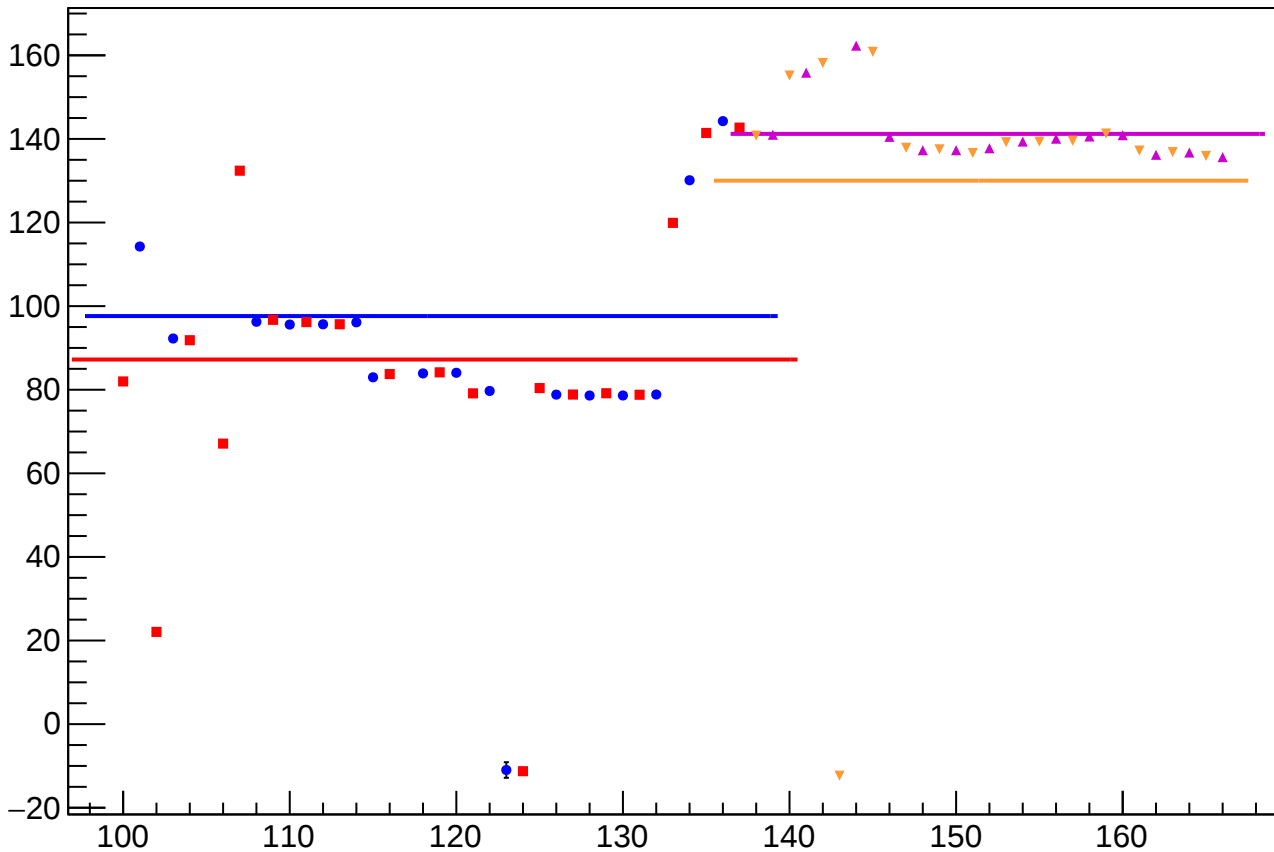
Left In: -81.763 $\pm$ 1.193 χ^2/NDF : 223.5/13

+ sign -77.124 $\pm$ 0.842 χ^2/NDF : 1406.0/31

All: -77.204 $\pm$ 0.597 χ^2/NDF : 2329.5/64

- sign -77.285 $\pm$ 0.848 χ^2/NDF : 923.4/32

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.620 $\pm$ 0.074 χ^2 /NDF: 94045.2/16

Left Out: 130.015 $\pm$ 0.057 χ^2 /NDF: 550148.9/14

Right Out: 87.226 $\pm$ 0.068 χ^2 /NDF: 220850.5/18

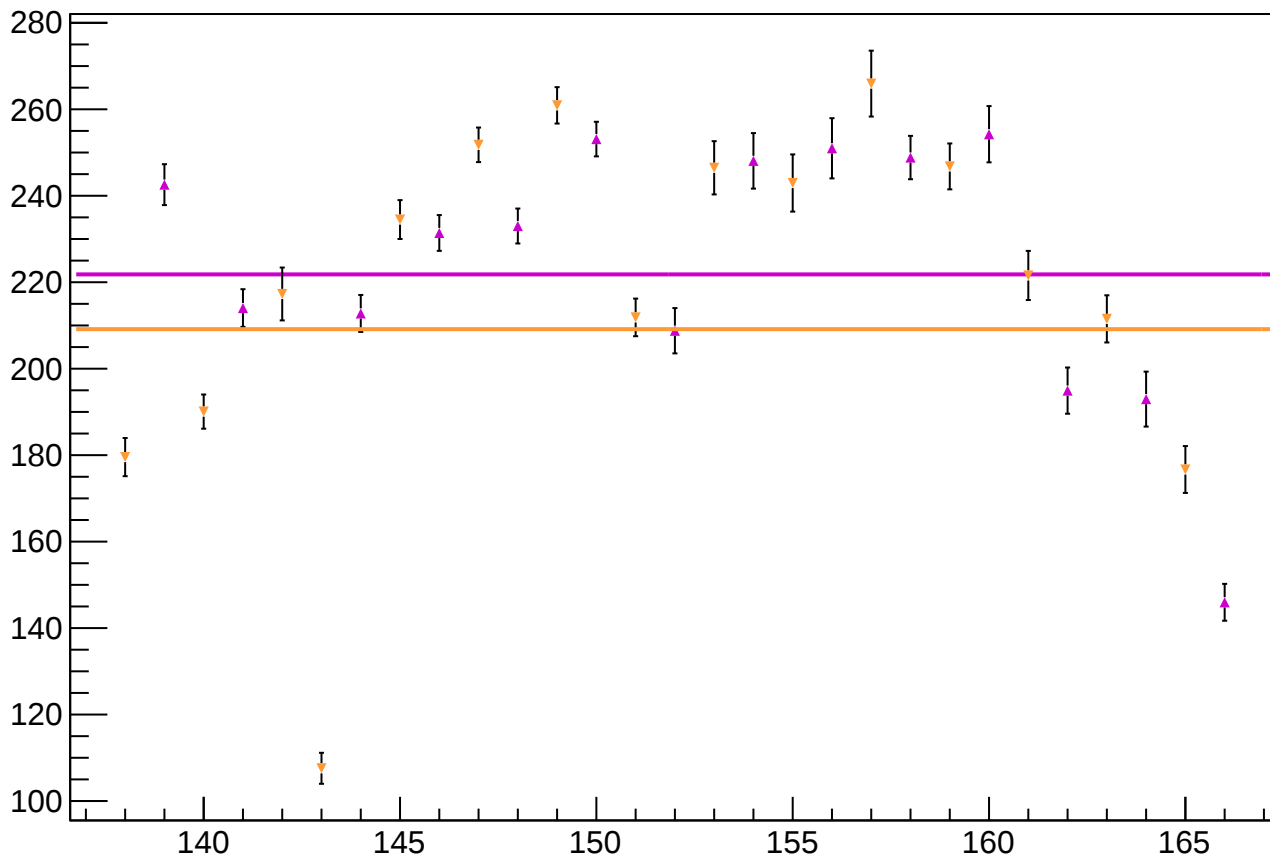
Left In: 141.203 $\pm$ 0.057 χ^2 /NDF: 15259.9/13

+ sign 118.007 $\pm$ 0.045 χ^2 /NDF: 765745.9/31

All: 118.516 $\pm$ 0.031 χ^2 /NDF: 1370106.1/64

- sign 119.000 $\pm$ 0.044 χ^2 /NDF: 604109.2/32

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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

Left Out: 209.142+/-1.248 χ^2/NDF :1379.6/14

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

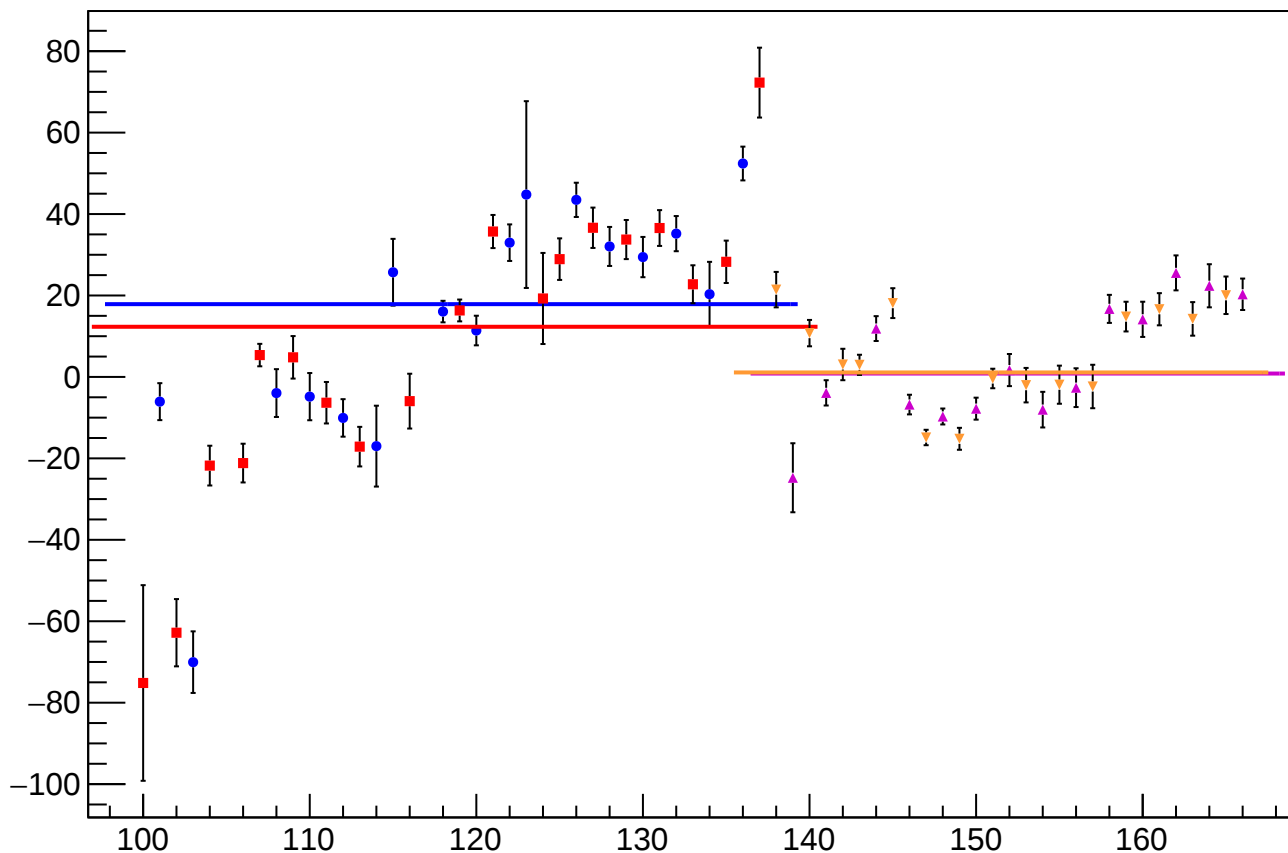
Left In: 221.812+/-1.298 χ^2/NDF :558.0/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.231+/-0.900 χ^2/NDF : 1987.0/28

- 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: 17.872 $\pm$ 1.166 χ^2 /NDF: 395.3/16

Left Out: 1.101 $\pm$ 0.838 χ^2 /NDF: 219.3/14

Right Out: 12.317 $\pm$ 1.083 χ^2 /NDF: 444.0/18

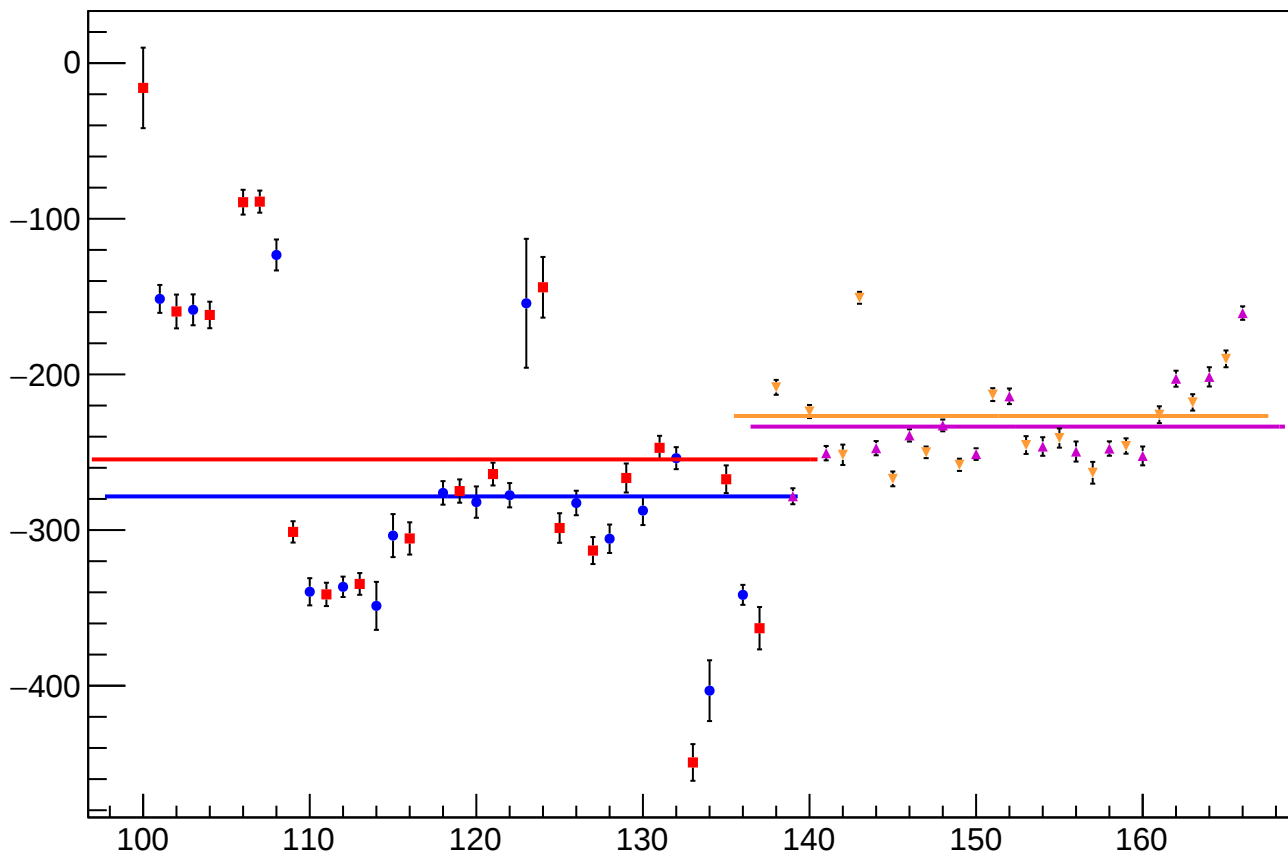
Left In: 0.831 $\pm$ 0.894 χ^2 /NDF: 184.4/13

+ sign 6.811 $\pm$ 0.680 χ^2 /NDF: 751.1/31

All: 6.157 $\pm$ 0.484 χ^2 /NDF: 1448.3/64

- sign 5.485 $\pm$ 0.690 χ^2 /NDF: 695.3/32

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.380 ± 2.185 $\chi^2/\text{NDF}: 910.6/16$

Left Out: -226.700 ± 1.237 $\chi^2/\text{NDF}: 716.8/14$

Right Out: -254.603 ± 2.020 $\chi^2/\text{NDF}: 2037.5/18$

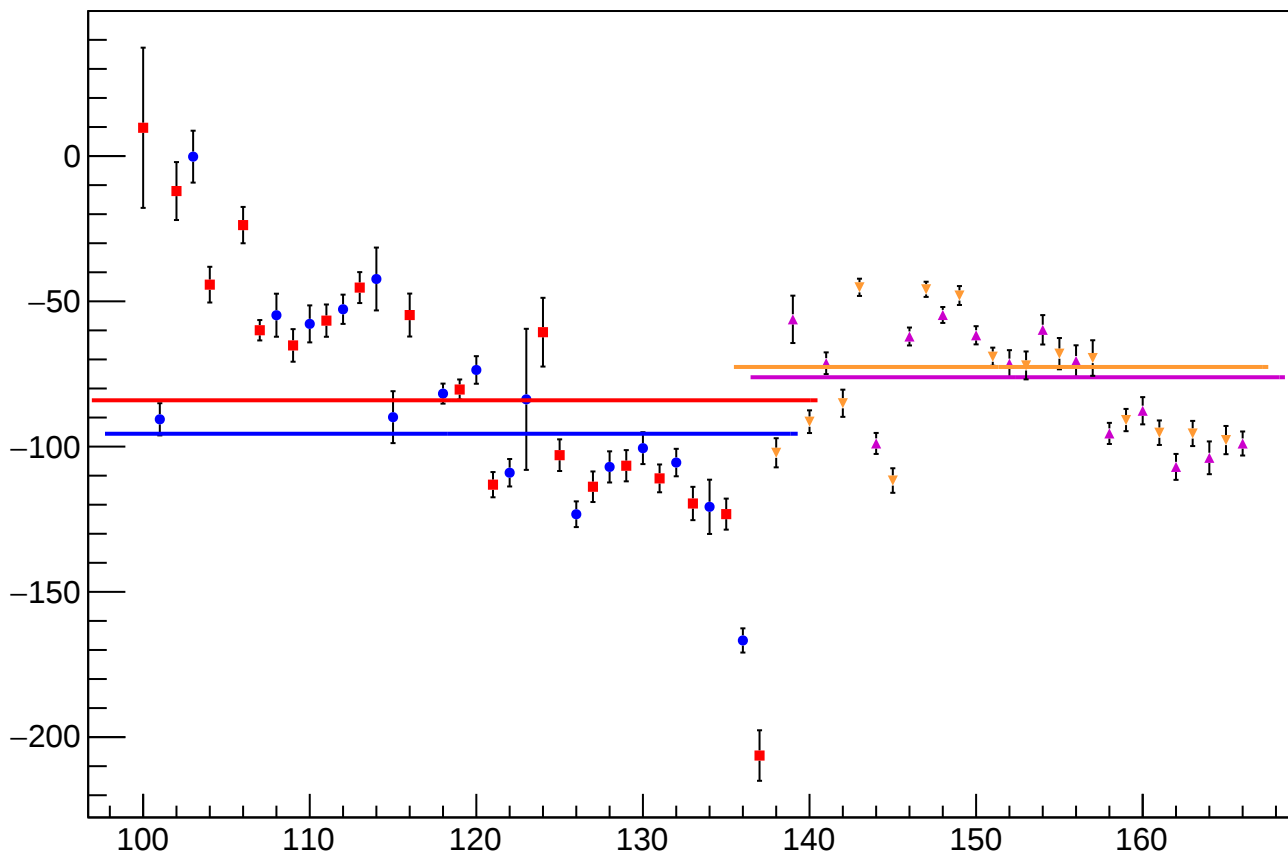
Left In: -233.537 ± 1.270 $\chi^2/\text{NDF}: 512.6/13$

+ sign -239.244 ± 1.076 $\chi^2/\text{NDF}: 2051.1/31$

All: -239.375 ± 0.761 $\chi^2/\text{NDF}: 4679.2/64$

- sign -239.505 ± 1.075 $\chi^2/\text{NDF}: 2628.0/32$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.576 ± 1.340 χ^2/NDF : 671.2/16

Left Out: -72.592 ± 1.006 χ^2/NDF : 506.4/14

Right Out: -84.062 ± 1.257 χ^2/NDF : 783.2/18

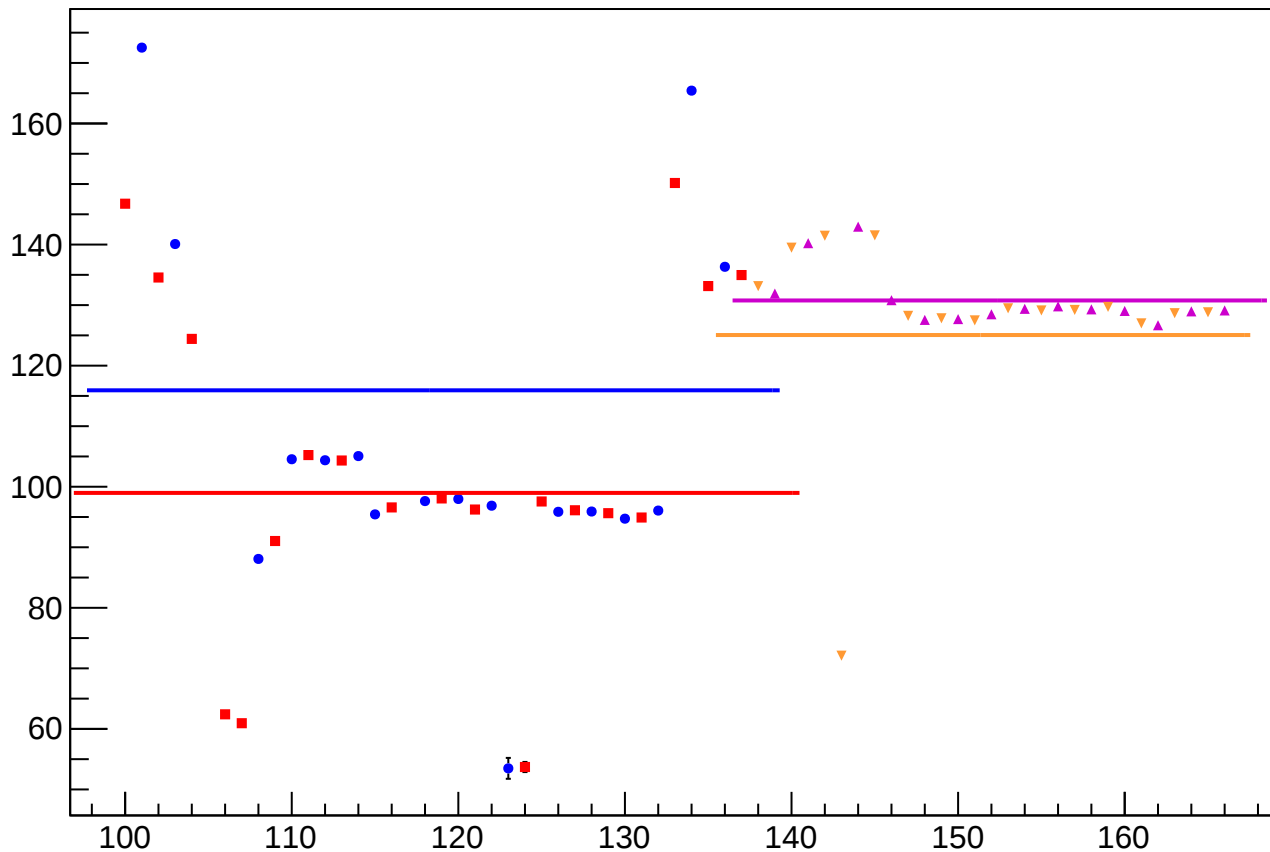
Left In: -76.128 ± 1.064 χ^2/NDF : 299.8/13

+ sign -80.870 ± 0.804 χ^2/NDF : 1365.7/31

All: -80.161 ± 0.571 χ^2/NDF : 2473.5/64

- sign -79.439 ± 0.812 χ^2/NDF : 1106.2/32

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.927 $\pm$ 0.078 χ^2 /NDF: 105791.4/16

Left Out: 125.057 $\pm$ 0.050 χ^2 /NDF:142042.0/14

Right Out: 98.981 $\pm$ 0.069 χ^2 /NDF: 172974.2/18

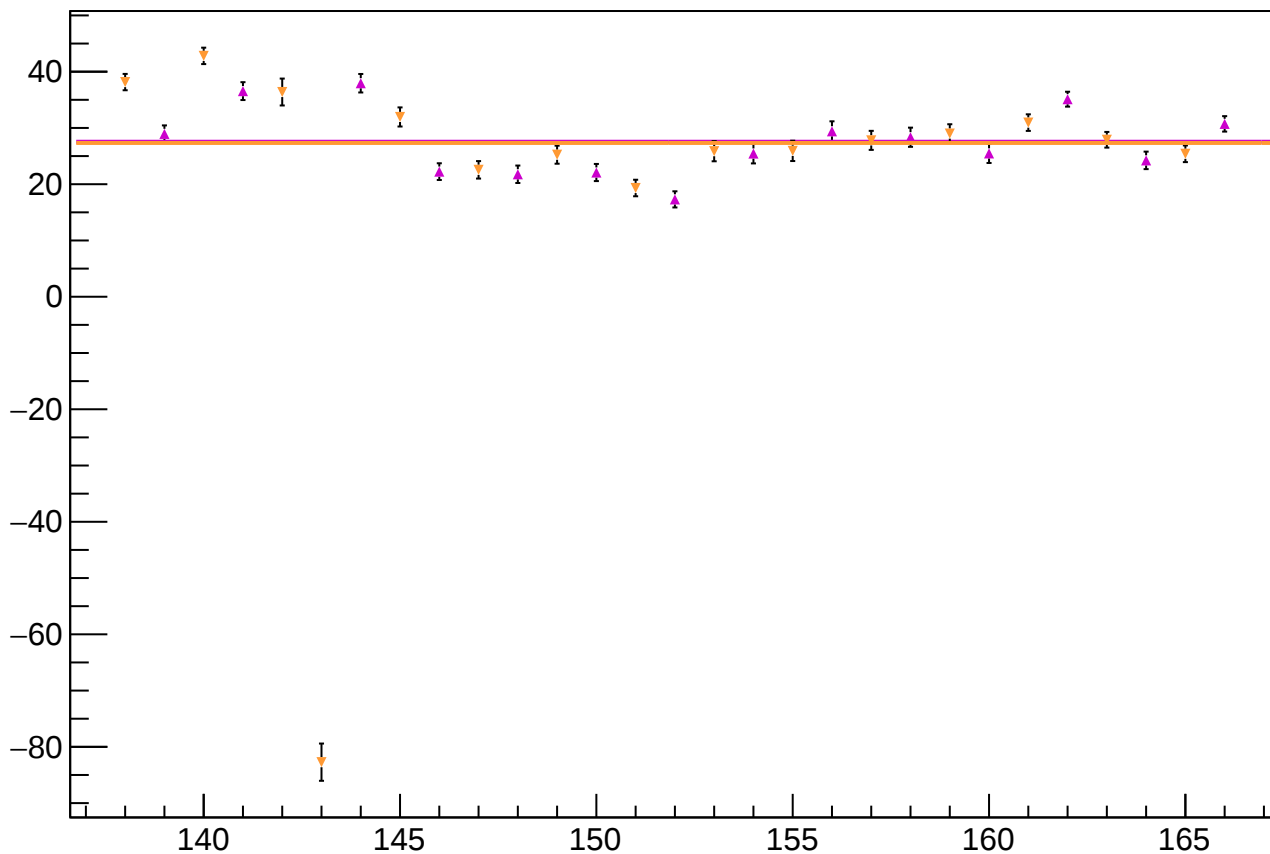
Left In: 130.768 $\pm$ 0.051 χ^2 /NDF:7935.0/13

+ sign 122.437 $\pm$ 0.042 χ^2 /NDF: 257497.4/31

All: 120.891 $\pm$ 0.029 χ^2 /NDF: 579316.0/64

- sign 119.422 $\pm$ 0.041 χ^2 /NDF: 319178.9/32

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 27.335 $\pm$ 0.423 χ^2 /NDF:1346.1/14

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

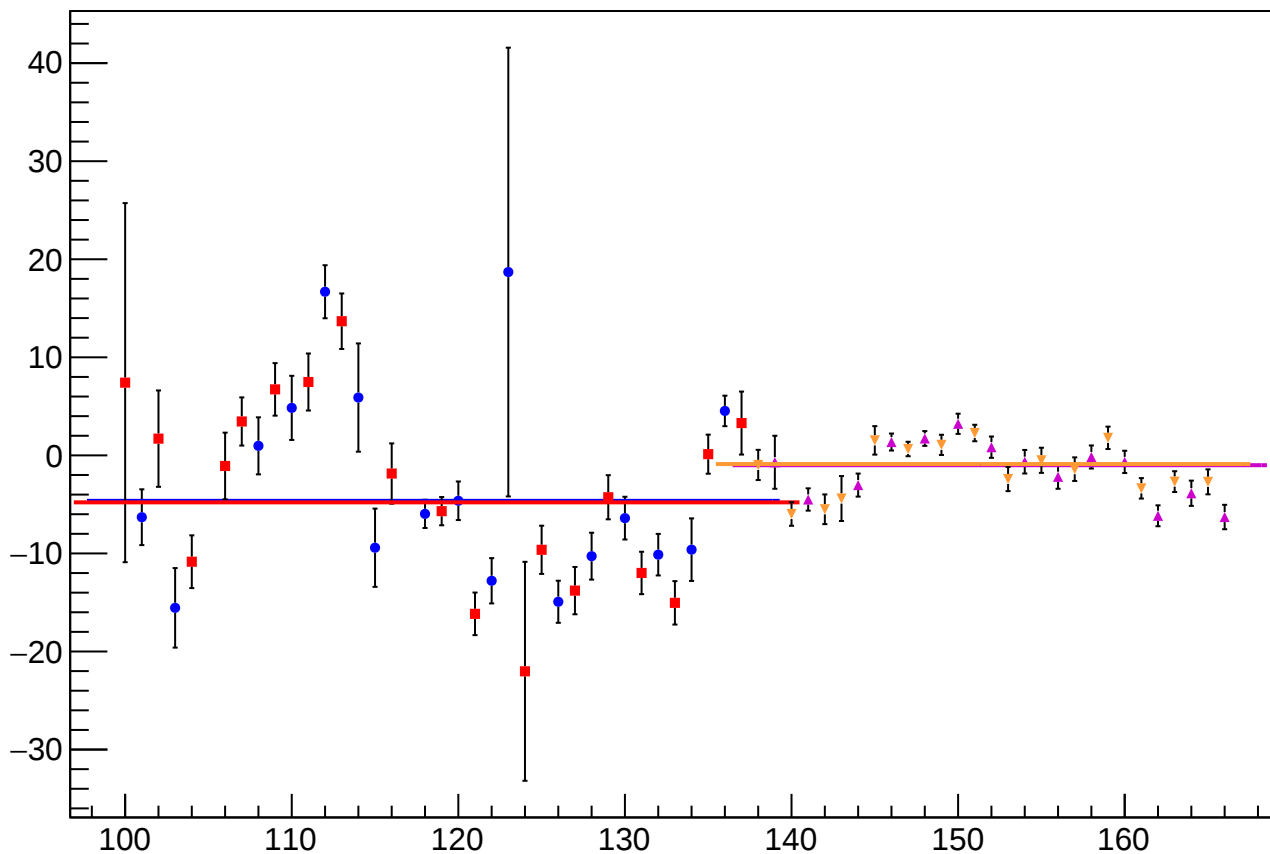
Left In: 27.547 $\pm$ 0.414 χ^2 /NDF:210.2/13

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

All: 27.443 $\pm$ 0.296 χ^2 /NDF: 1556.4/28

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

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.637 ± 0.588 χ^2/NDF : 174.4/16

Left Out: -0.885 ± 0.294 χ^2/NDF : 72.2/14

Right Out: -4.791 ± 0.585 χ^2/NDF : 192.5/18

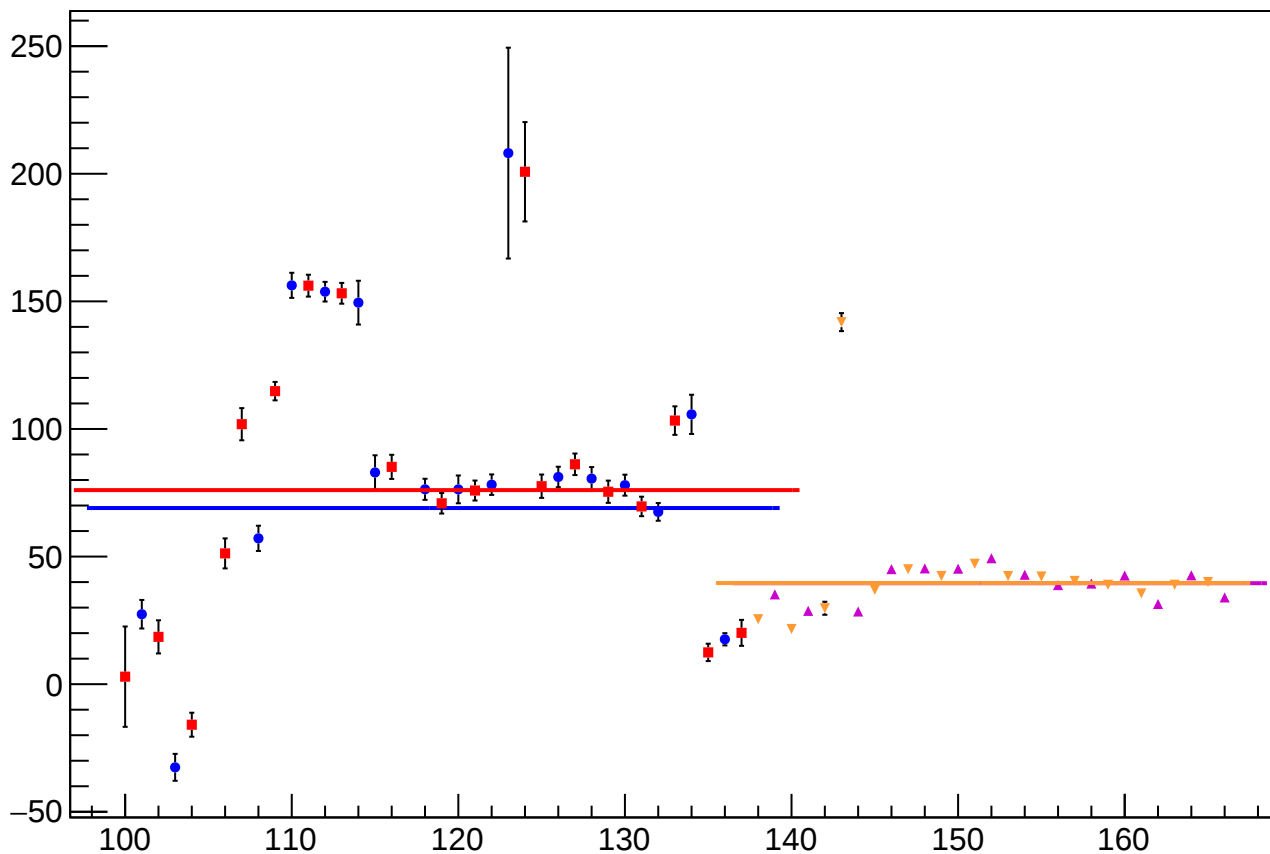
Left In: -1.002 ± 0.295 χ^2/NDF : 100.6/13

+ sign -1.637 ± 0.263 χ^2/NDF : 279.2/31

All: -1.704 ± 0.186 χ^2/NDF : 605.9/64

- sign -1.771 ± 0.263 χ^2/NDF : 326.6/32

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 69.019 $\pm$ 1.083 χ^2 /NDF: 1848.0/16

Left Out: 39.629 $\pm$ 0.413 χ^2 /NDF: 1129.5/14

Right Out: 76.041 $\pm$ 1.070 χ^2 /NDF: 1881.9/18

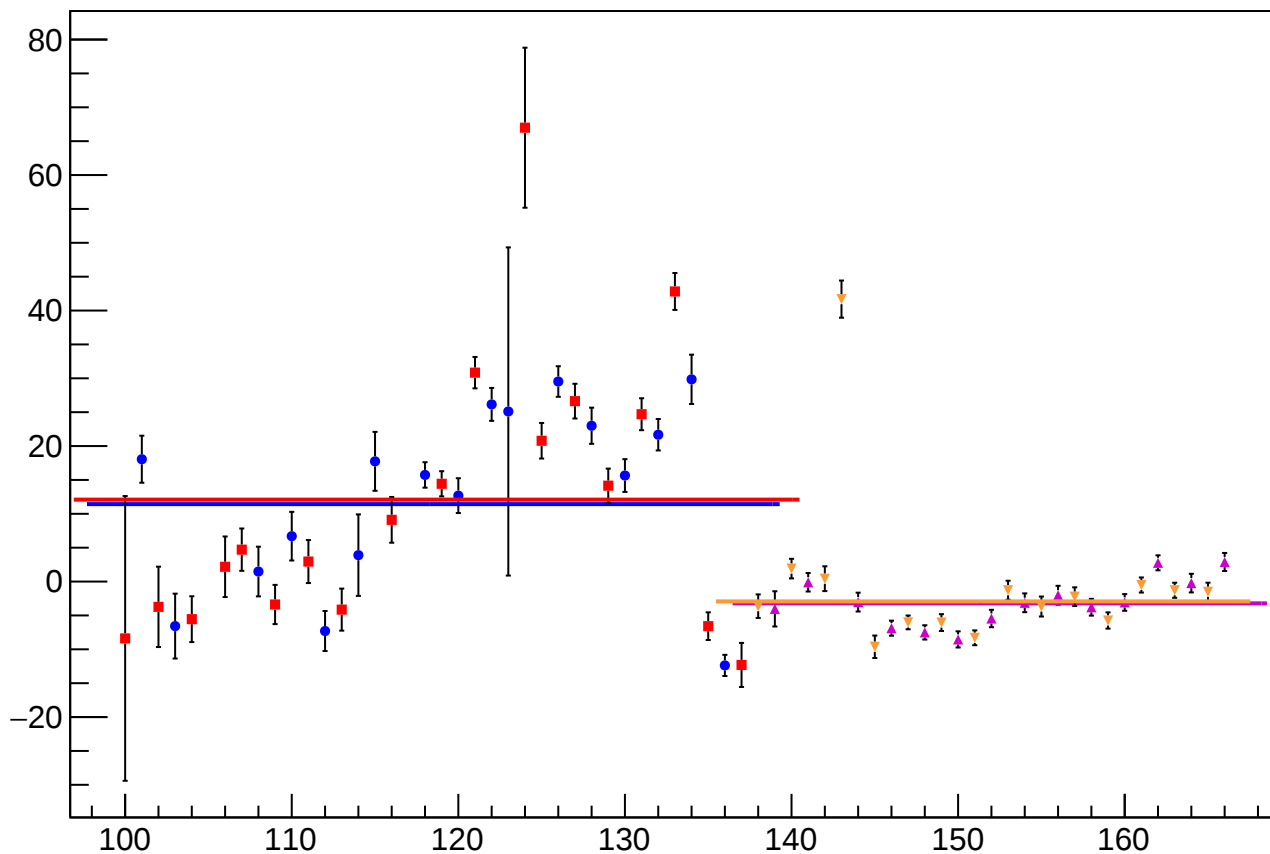
Left In: 39.571 $\pm$ 0.403 χ^2 /NDF: 254.4/13

+ sign 43.359 $\pm$ 0.386 χ^2 /NDF: 3620.0/31

All: 43.742 $\pm$ 0.270 χ^2 /NDF: 6775.6/64

- sign 44.108 $\pm$ 0.377 χ^2 /NDF: 3153.7/32

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.428 $\pm$ 0.665 χ^2 /NDF: 476.8/16

Left Out: -2.925 $\pm$ 0.345 χ^2 /NDF:350.8/14

Right Out: 12.095 $\pm$ 0.664 χ^2 /NDF: 539.1/18

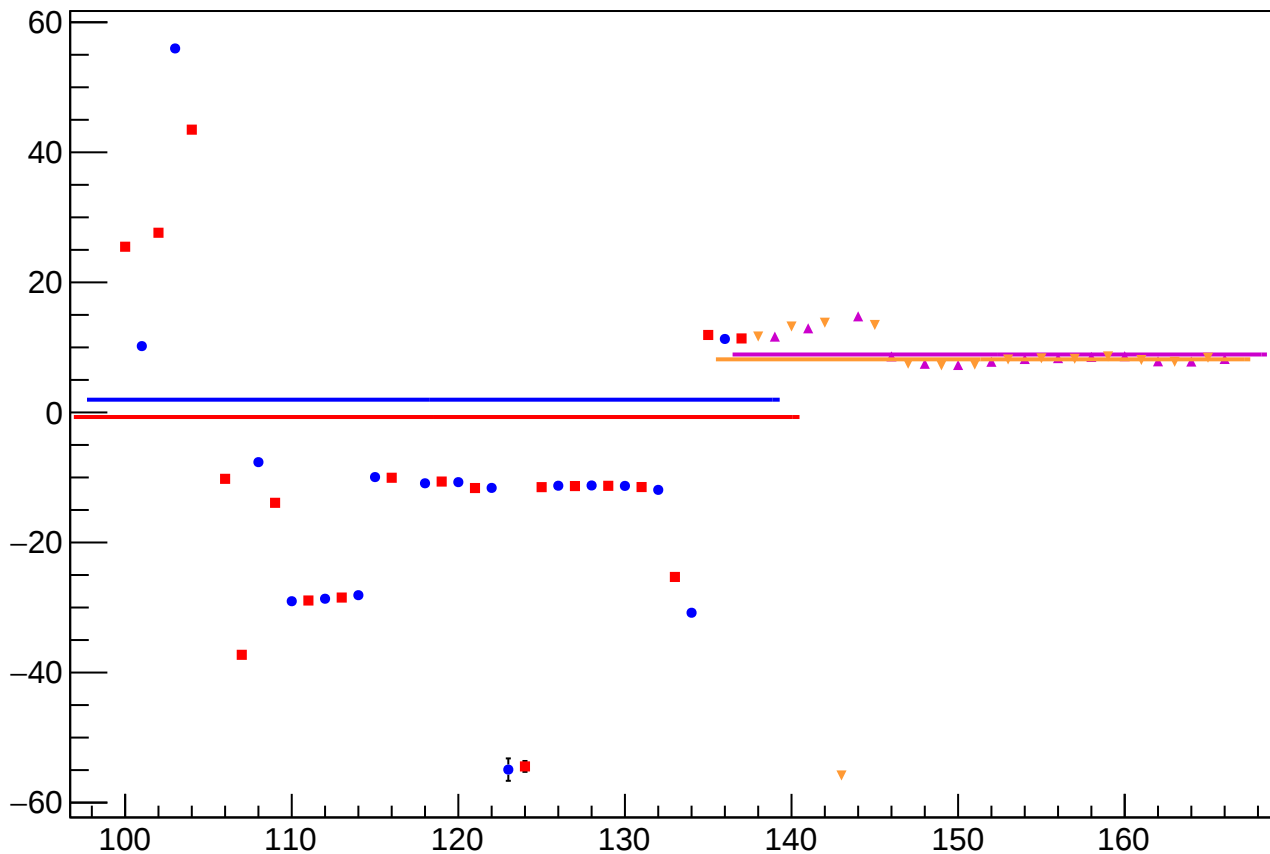
Left In: -3.215 $\pm$ 0.344 χ^2 /NDF:111.5/13

+ sign 0.113 $\pm$ 0.306 χ^2 /NDF: 1194.3/31

All: 0.065 $\pm$ 0.216 χ^2 /NDF: 2264.4/64

- sign 0.018 $\pm$ 0.305 χ^2 /NDF: 1070.0/32

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 1.960 $\pm$ 0.037 χ^2 /NDF: 358457.0/16

Left Out: 8.165 $\pm$ 0.016 χ^2 /NDF:222579.8/14

Right Out: -0.704 $\pm$ 0.037 χ^2 /NDF: 361168.6/18

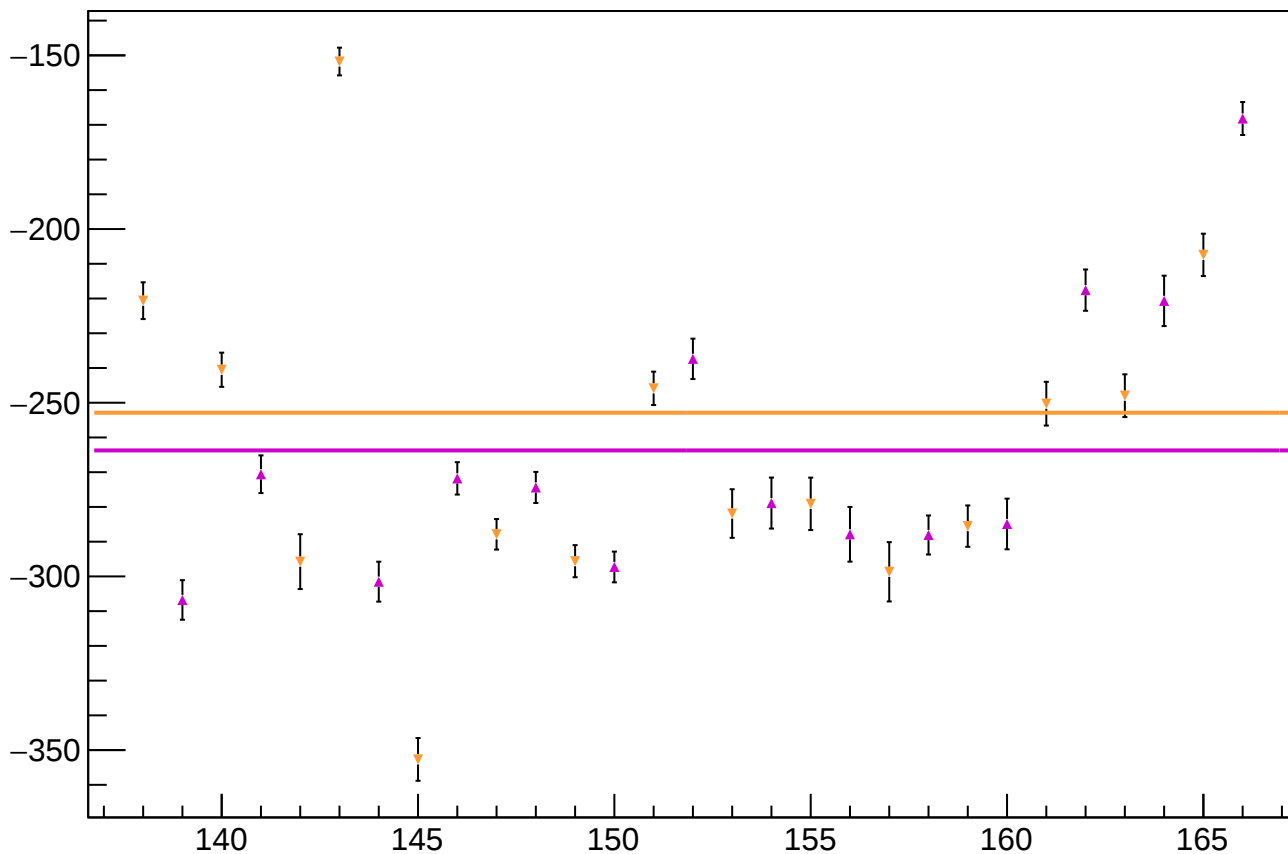
Left In: 8.910 $\pm$ 0.016 χ^2 /NDF:14468.7/13

+ sign 7.173 $\pm$ 0.015 χ^2 /NDF: 604478.5/31

All: 7.296 $\pm$ 0.010 χ^2 /NDF: 1036900.5/64

- sign 7.416 $\pm$ 0.015 χ^2 /NDF: 432286.8/32

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: -252.882+/-1.440 χ^2/NDF :1273.5/14

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

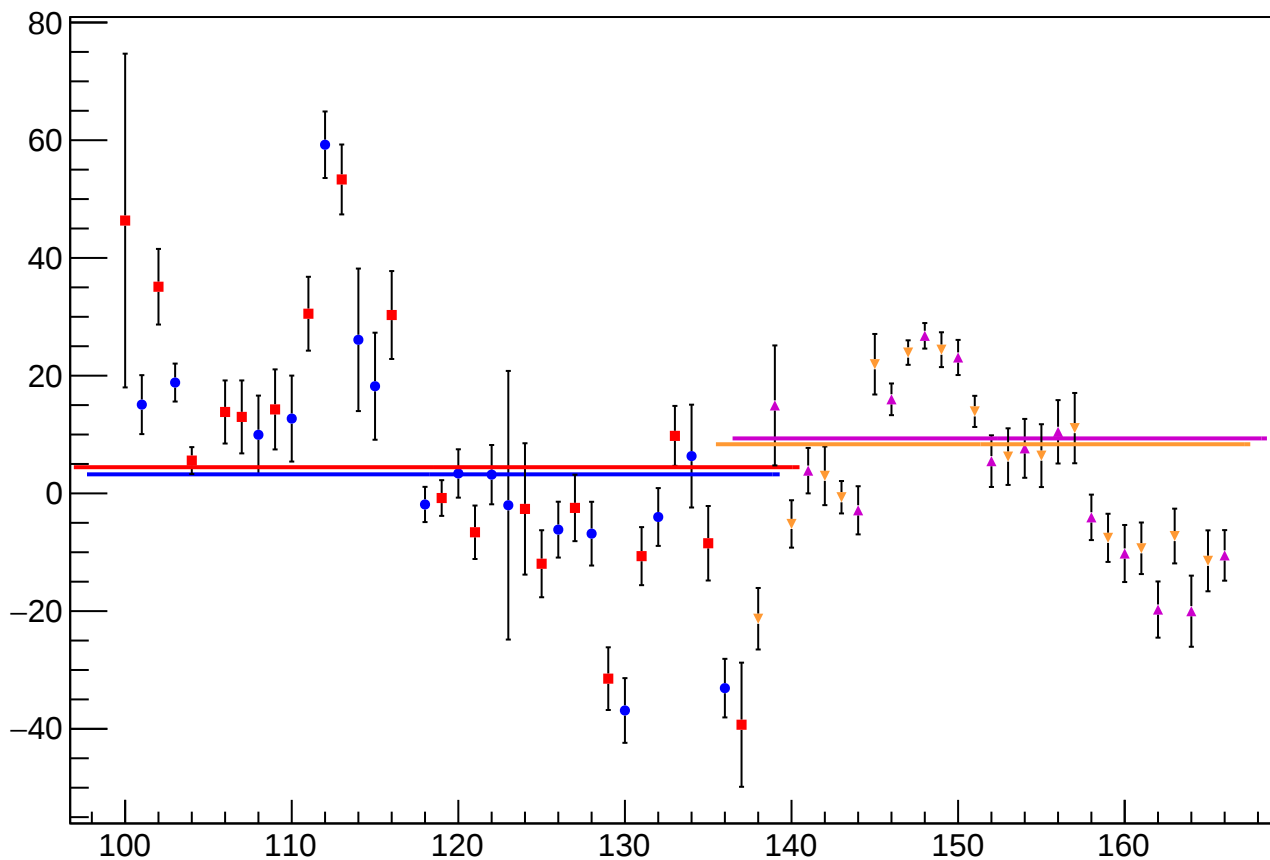
Left In: -263.732+/-1.494 χ^2/NDF :730.6/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.108+/-1.037 χ^2/NDF : 2031.5/28

- 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: 3.237 ± 1.244 χ^2/NDF : 255.3/16

Left Out: 8.349 ± 0.954 χ^2/NDF : 210.0/14

Right Out: 4.450 ± 1.157 χ^2/NDF : 225.8/18

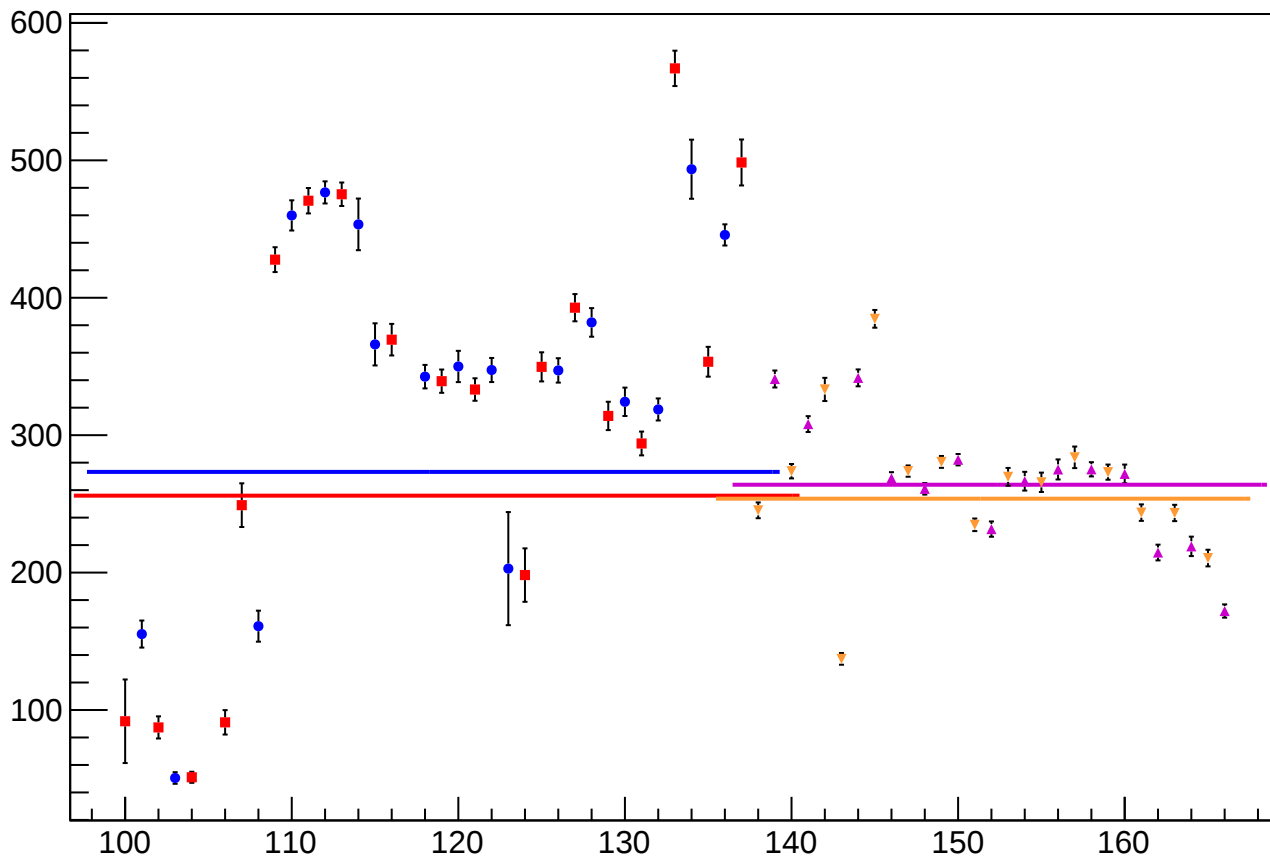
Left In: 9.340 ± 1.020 χ^2/NDF : 214.4/13

+ sign 6.454 ± 0.757 χ^2/NDF : 475.9/31

All: 6.823 ± 0.538 χ^2/NDF : 926.6/64

- sign 7.201 ± 0.765 χ^2/NDF : 450.2/32

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 273.276 $\pm$ 2.205 χ^2 /NDF: 5101.5/16

Left Out: 253.781 $\pm$ 1.419 χ^2 /NDF:1437.9/14

Right Out: 255.985 $\pm$ 2.080 χ^2 /NDF: 6438.4/18

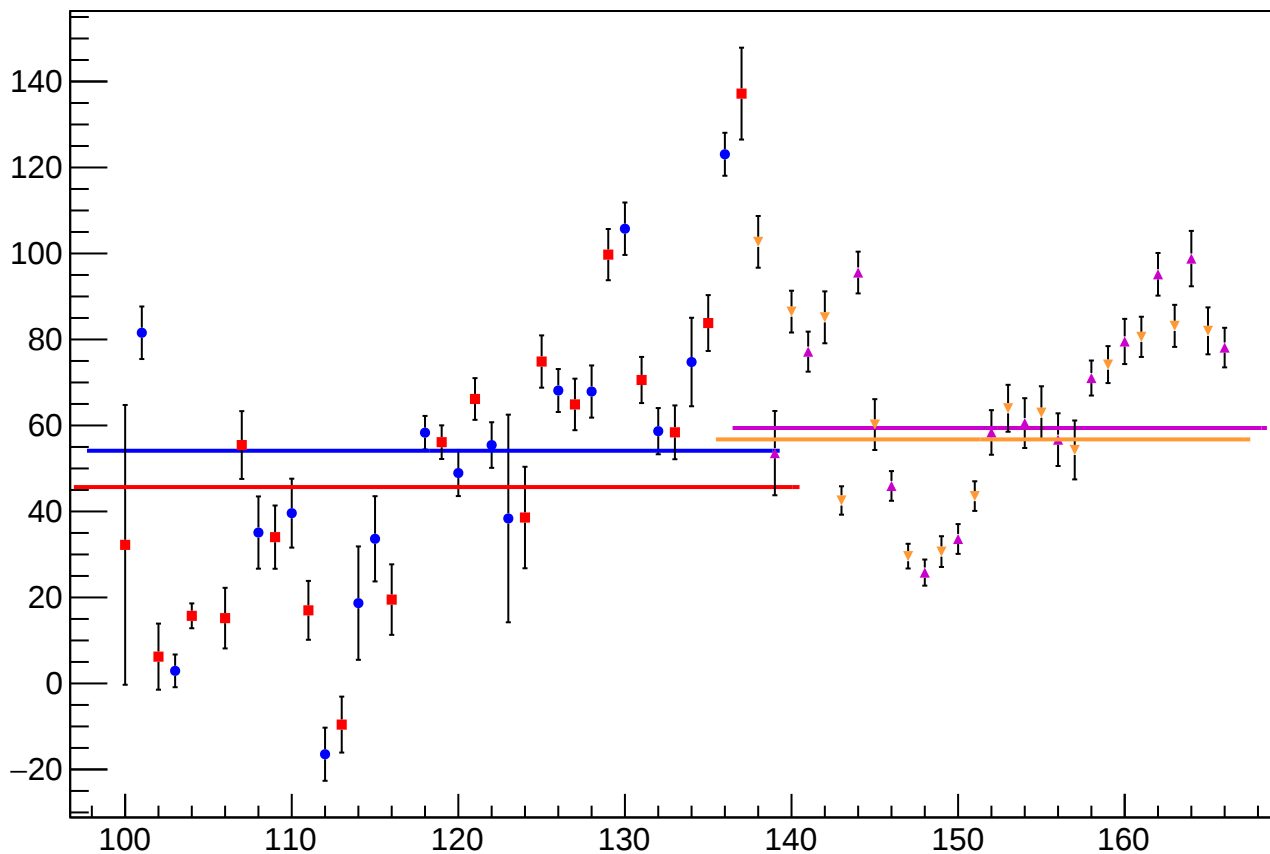
Left In: 263.929 $\pm$ 1.454 χ^2 /NDF:913.0/13

+ sign 259.490 $\pm$ 1.193 χ^2 /NDF: 6594.7/31

All: 260.406 $\pm$ 0.843 χ^2 /NDF: 13957.1/64

- sign 261.321 $\pm$ 1.192 χ^2 /NDF: 7361.2/32

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.119+/-1.438 χ^2 /NDF: 633.9/16

Left Out: 56.761+/-1.149 χ^2 /NDF:389.7/14

Right Out: 45.675+/-1.357 χ^2 /NDF: 531.0/18

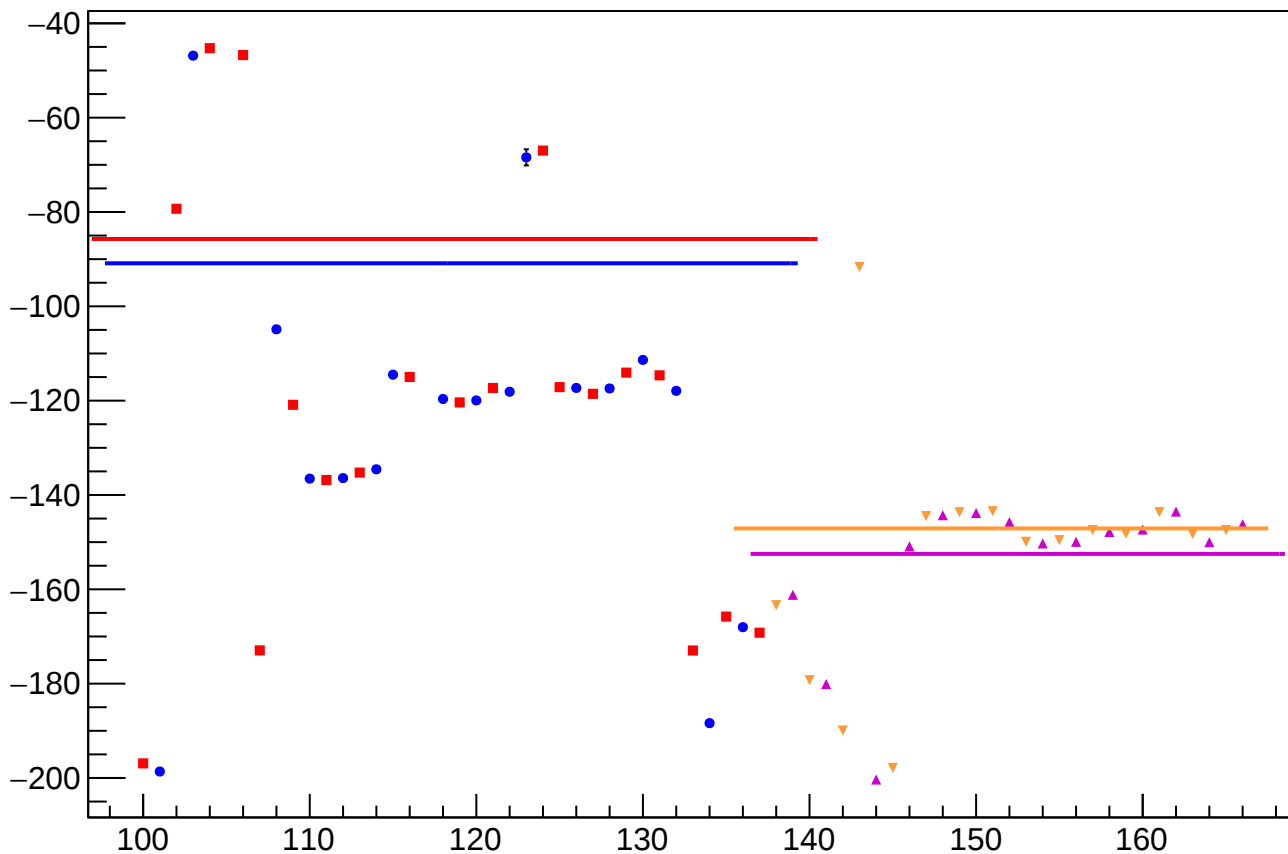
Left In: 59.411+/-1.216 χ^2 /NDF:392.7/13

+ sign 55.732+/-0.897 χ^2 /NDF: 1025.7/31

All: 54.525+/-0.637 χ^2 /NDF: 2009.9/64

- sign 53.297+/-0.905 χ^2 /NDF: 980.6/32

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -90.881 ± 0.068 χ^2/NDF : 533423.8/16

Left Out: -147.093 ± 0.057 χ^2/NDF : 187074.7/14

Right Out: -85.722 ± 0.065 χ^2/NDF : 494183.1/18

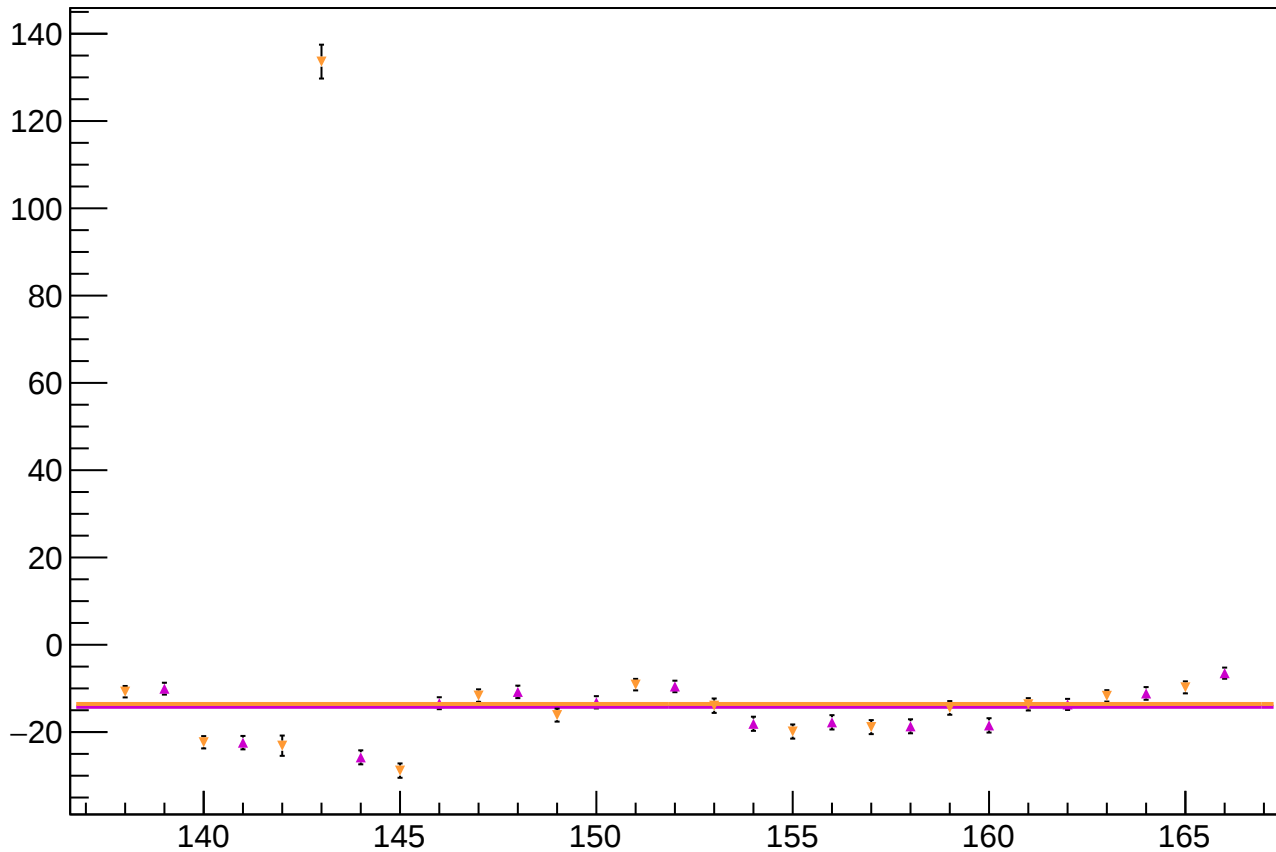
Left In: -152.495 ± 0.059 χ^2/NDF : 56334.3/13

+ sign -123.731 ± 0.044 χ^2/NDF : 1122752.3/31

All: -123.186 ± 0.031 χ^2/NDF : 2255957.0/64

- sign -122.646 ± 0.044 χ^2/NDF : 1132894.7/32

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.563 $\pm$ 0.396 χ^2 /NDF:1636.1/14

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

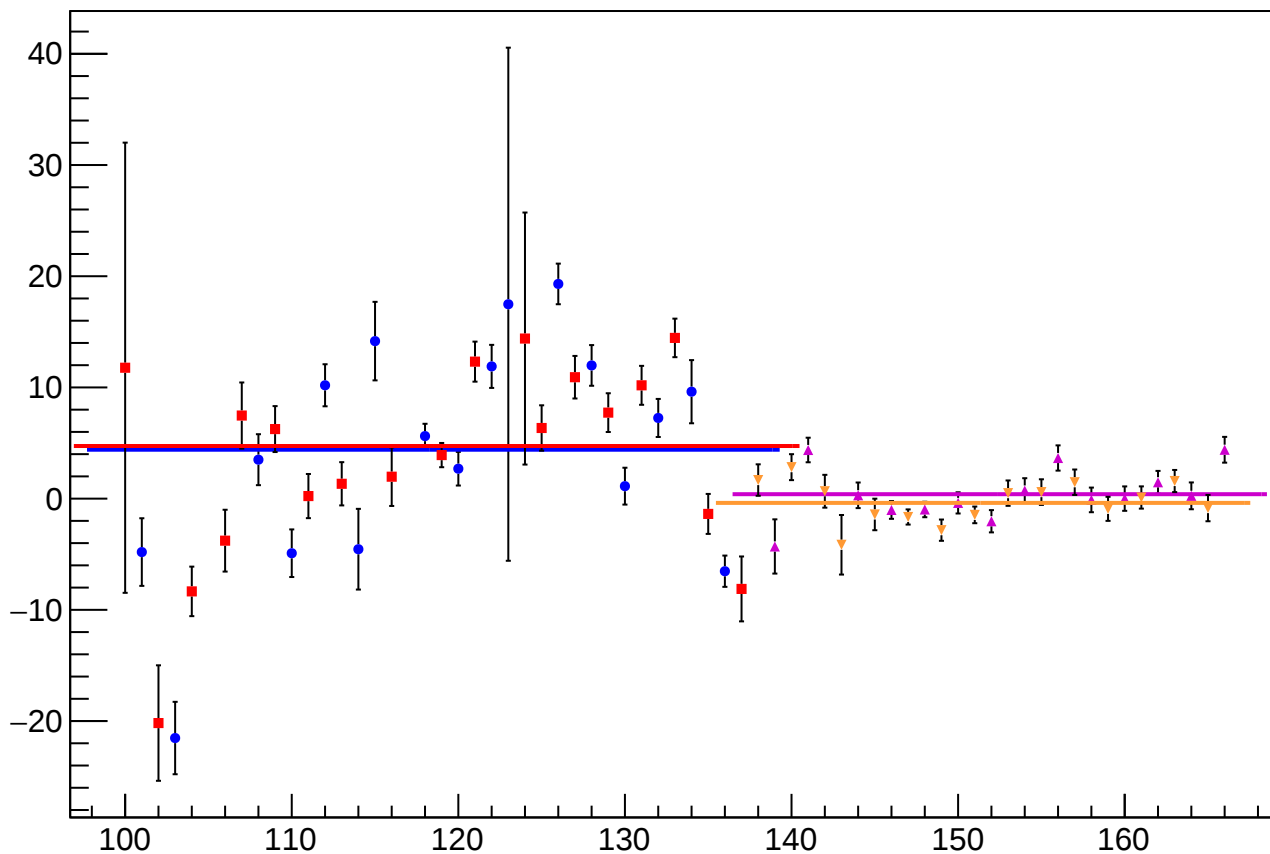
Left In: -14.210 $\pm$ 0.387 χ^2 /NDF:174.6/13

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

All: -13.894 $\pm$ 0.277 χ^2 /NDF: 1812.1/28

- 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: 4.399 ± 0.471 χ^2/NDF : 286.8/16

Left Out: -0.383 ± 0.275 χ^2/NDF : 33.3/14

Right Out: 4.732 ± 0.473 χ^2/NDF : 182.9/18

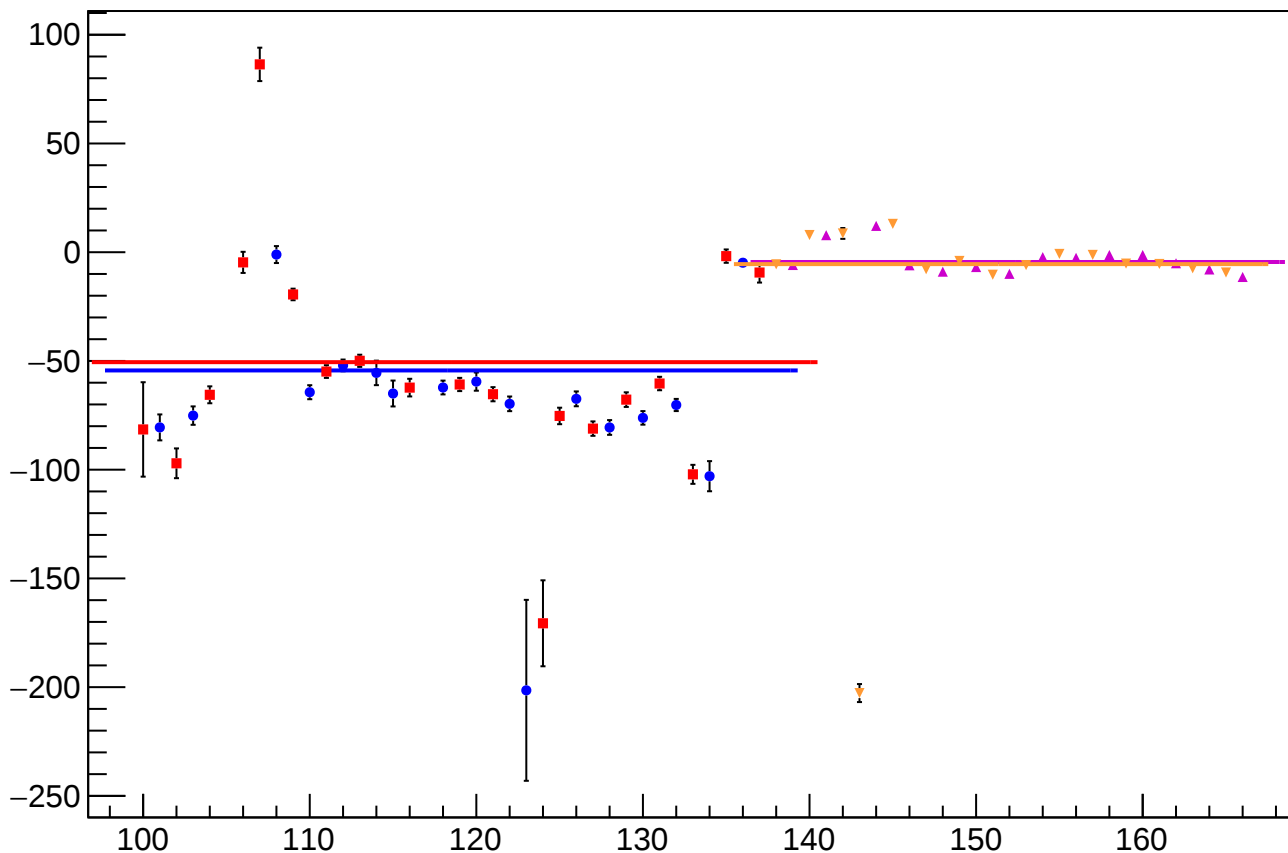
Left In: 0.399 ± 0.276 χ^2/NDF : 51.9/13

+ sign 0.833 ± 0.237 χ^2/NDF : 397.0/31

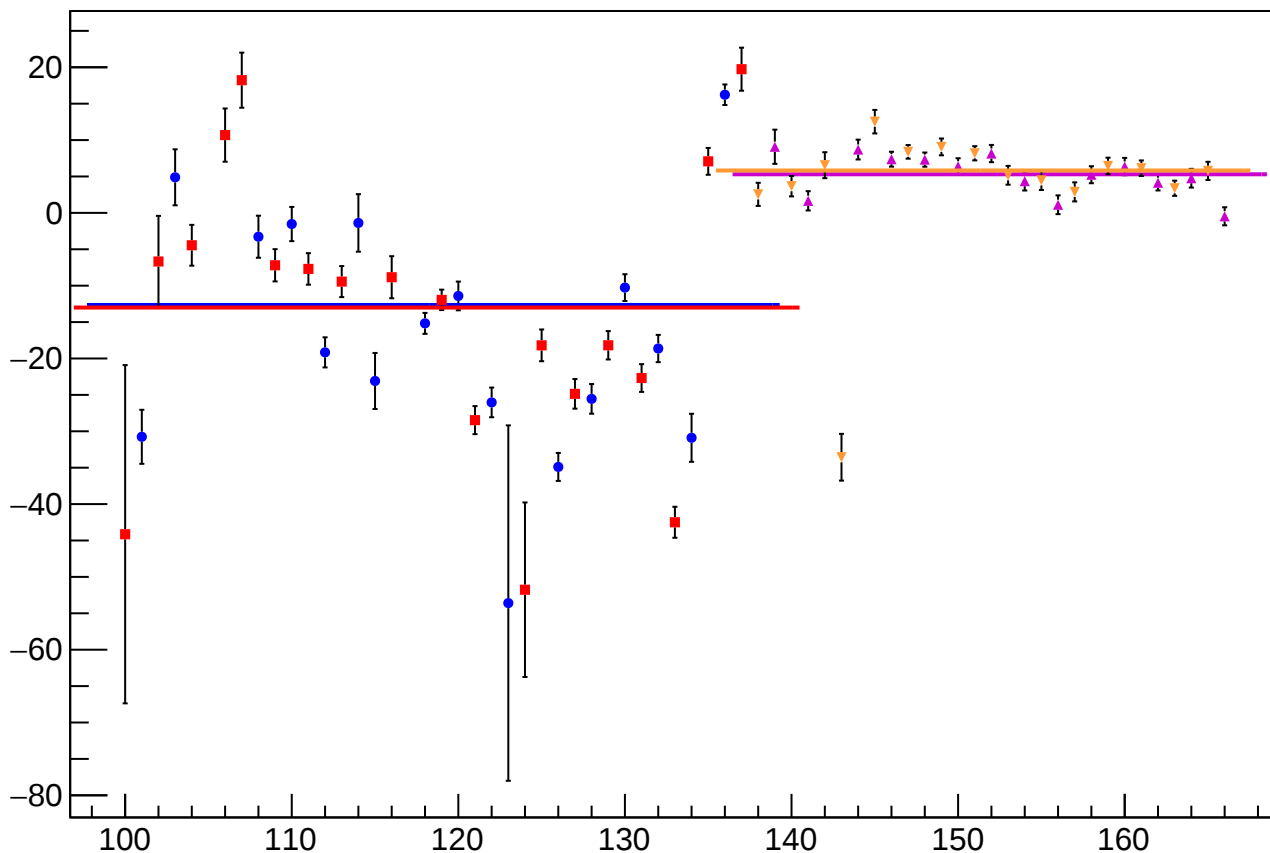
All: 1.166 ± 0.168 χ^2/NDF : 698.3/64

- sign 1.502 ± 0.239 χ^2/NDF : 297.4/32

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.648 ± 0.536 χ^2/NDF : 788.4/16

Left Out: 5.824 ± 0.323 χ^2/NDF : 207.8/14

Right Out: -13.005 ± 0.538 χ^2/NDF : 721.4/18

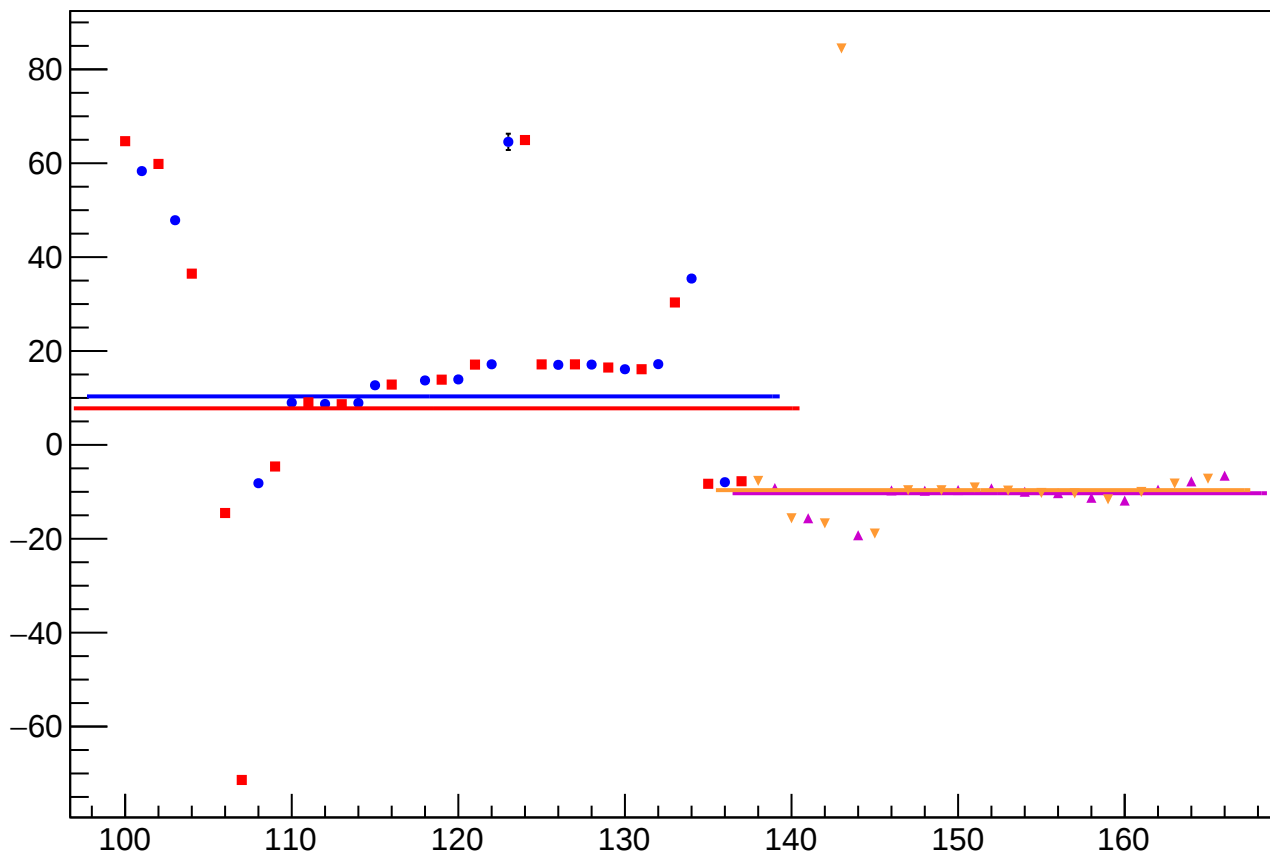
Left In: 5.299 ± 0.322 χ^2/NDF : 66.5/13

+ sign 0.912 ± 0.277 χ^2/NDF : 1867.2/31

All: 0.685 ± 0.195 χ^2/NDF : 3509.4/64

- sign 0.459 ± 0.276 χ^2/NDF : 1640.8/32

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.330+/-0.031 χ^2/NDF : 380857.1/16

Left Out: -9.640+/-0.015 χ^2/NDF : 358868.8/14

Right Out: 7.786+/-0.031 χ^2/NDF : 544119.7/18

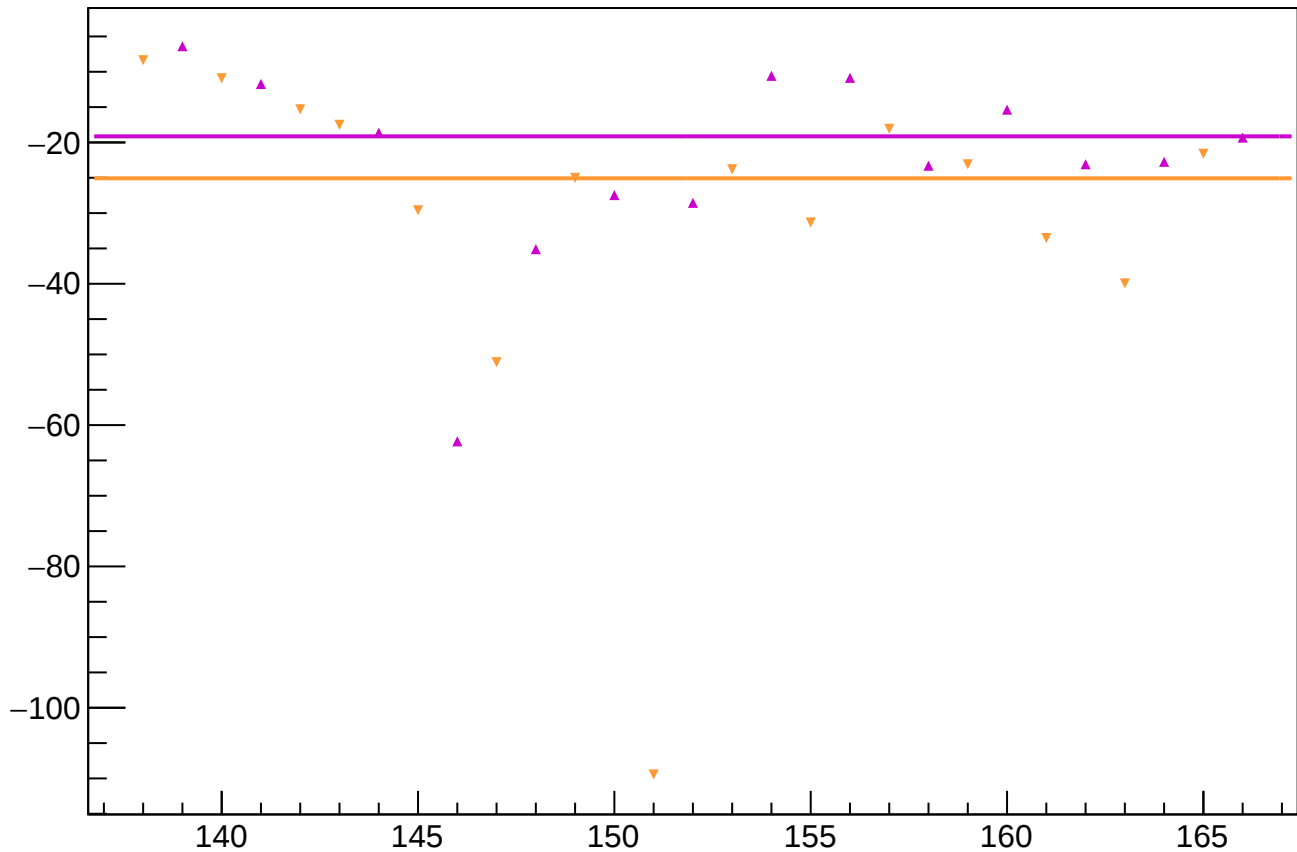
Left In: -10.297+/-0.015 χ^2/NDF : 29346.7/13

+ sign -5.723+/-0.014 χ^2/NDF : 1080394.7/31

All: -6.347+/-0.010 χ^2/NDF : 1930131.6/64

- sign -6.959+/-0.013 χ^2/NDF : 845555.2/32

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -25.075+/-0.065 χ^2/NDF : 56717.8/14

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

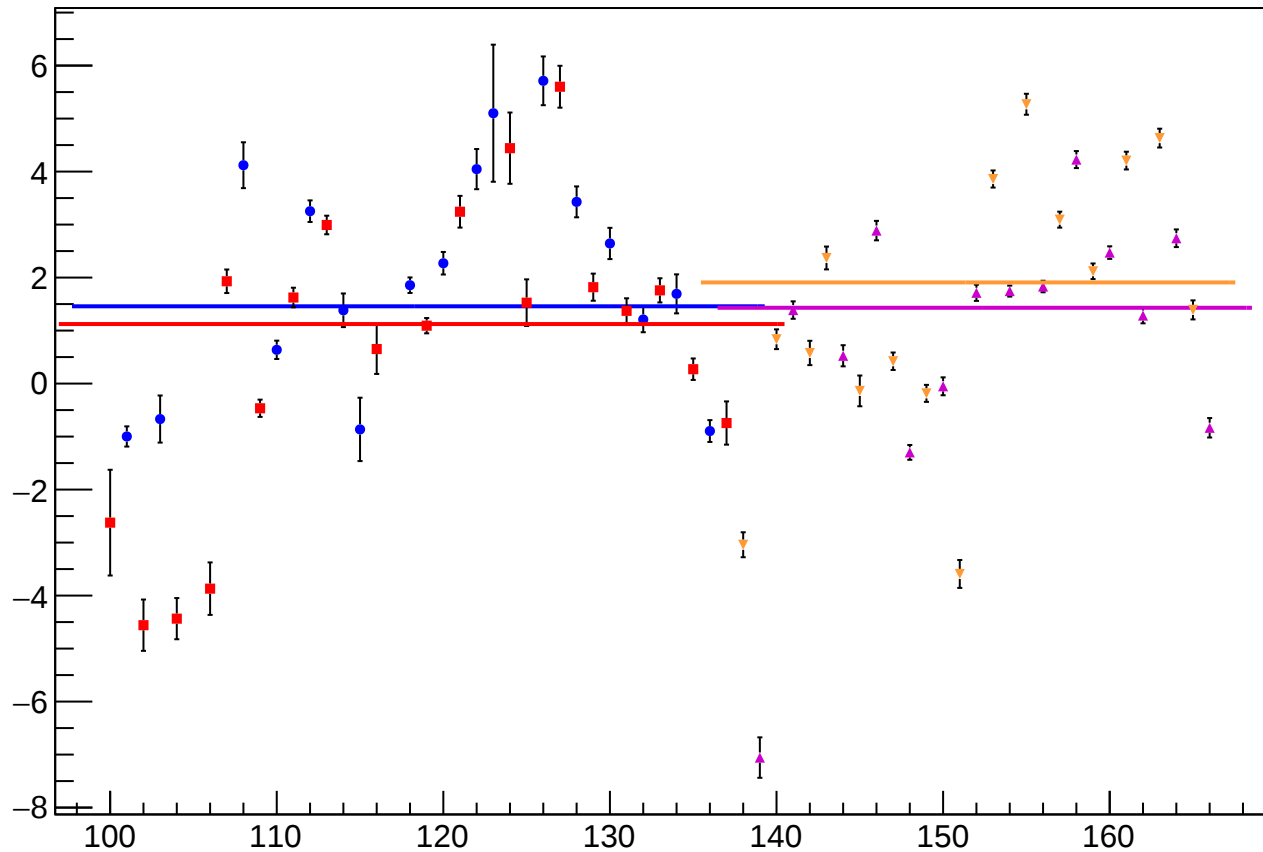
Left In: -19.138+/-0.056 χ^2/NDF : 37037.8/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.626+/-0.042 χ^2/NDF : 98551.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.458 $\pm$ 0.062 χ^2/NDF : 698.2/16

Left Out: 1.908 $\pm$ 0.048 χ^2/NDF :2182.4/14

Right Out: 1.123 $\pm$ 0.058 χ^2/NDF : 947.4/18

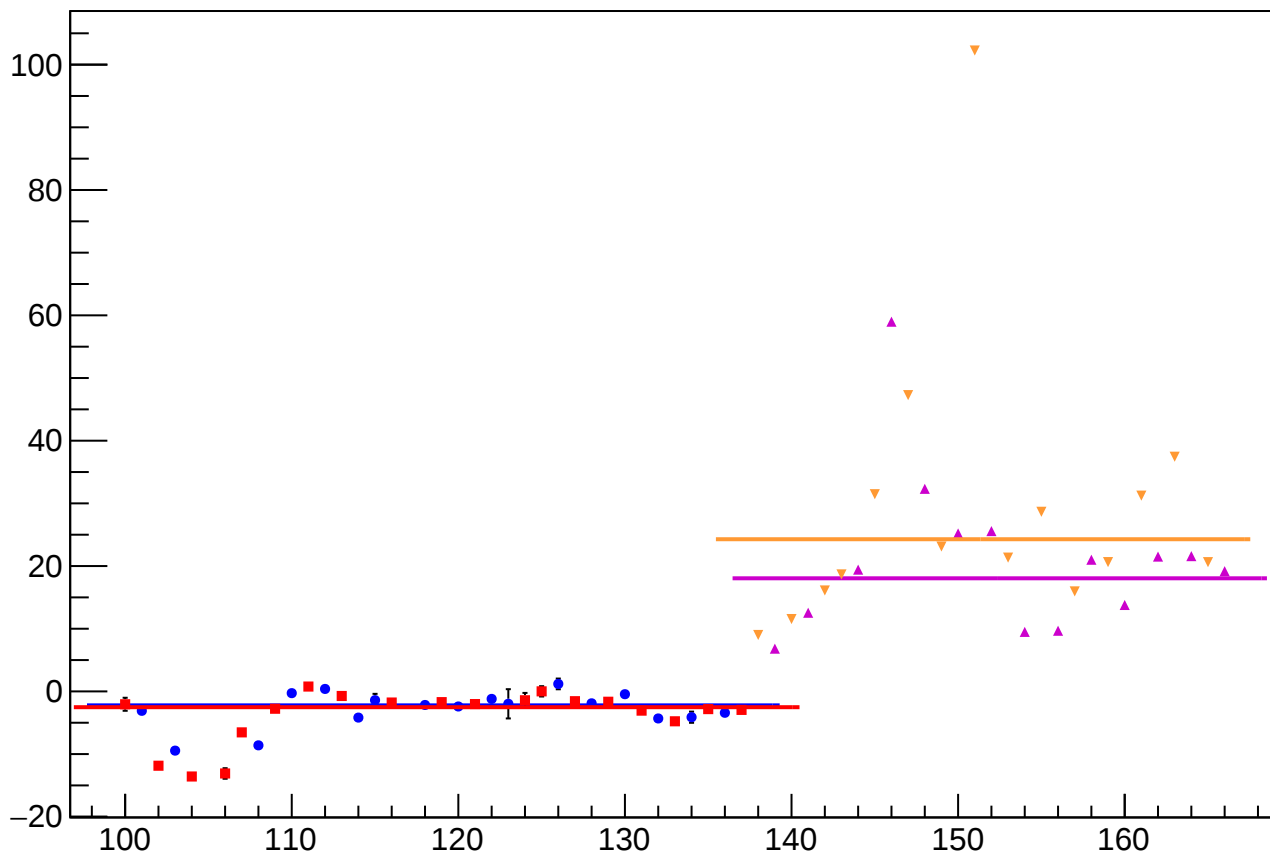
Left In: 1.430 $\pm$ 0.040 χ^2/NDF :1659.4/13

+ sign 1.741 $\pm$ 0.038 χ^2/NDF : 2913.9/31

All: 1.509 $\pm$ 0.025 χ^2/NDF : 5606.6/64

- sign 1.332 $\pm$ 0.033 χ^2/NDF : 2625.8/32

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.228 ± 0.111 χ^2/NDF : 460.4/16

Left Out: 24.278 ± 0.064 χ^2/NDF : 50830.3/14

Right Out: -2.520 ± 0.099 χ^2/NDF : 904.0/18

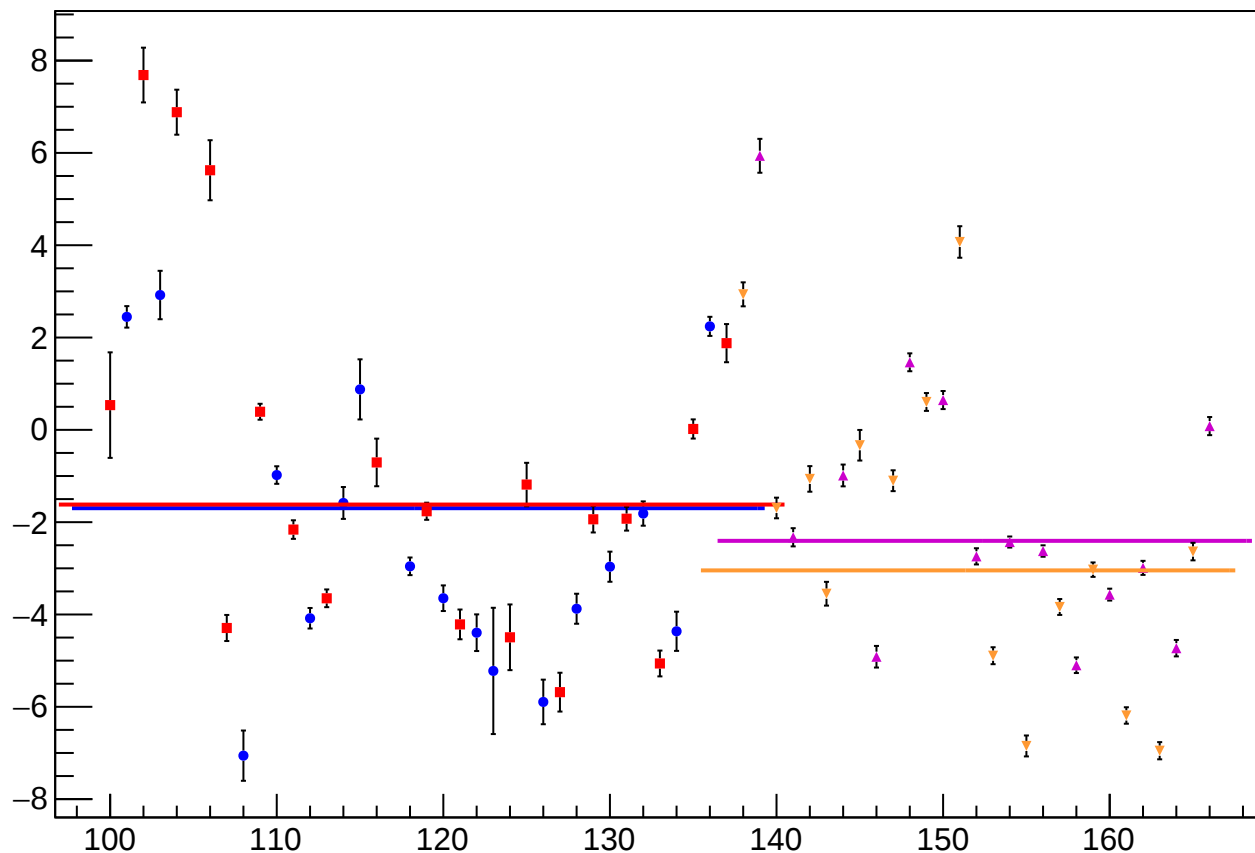
Left In: 18.045 ± 0.053 χ^2/NDF : 35151.2/13

+ sign 17.700 ± 0.055 χ^2/NDF : 93957.9/31

All: 15.200 ± 0.036 χ^2/NDF : 166930.8/64

- sign 13.399 ± 0.047 χ^2/NDF : 69471.9/32

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.697+/-0.071 χ^2/NDF : 1319.4/16

Left Out: -3.045+/-0.054 χ^2/NDF : 2711.3/14

Right Out: -1.618+/-0.066 χ^2/NDF : 1489.2/18

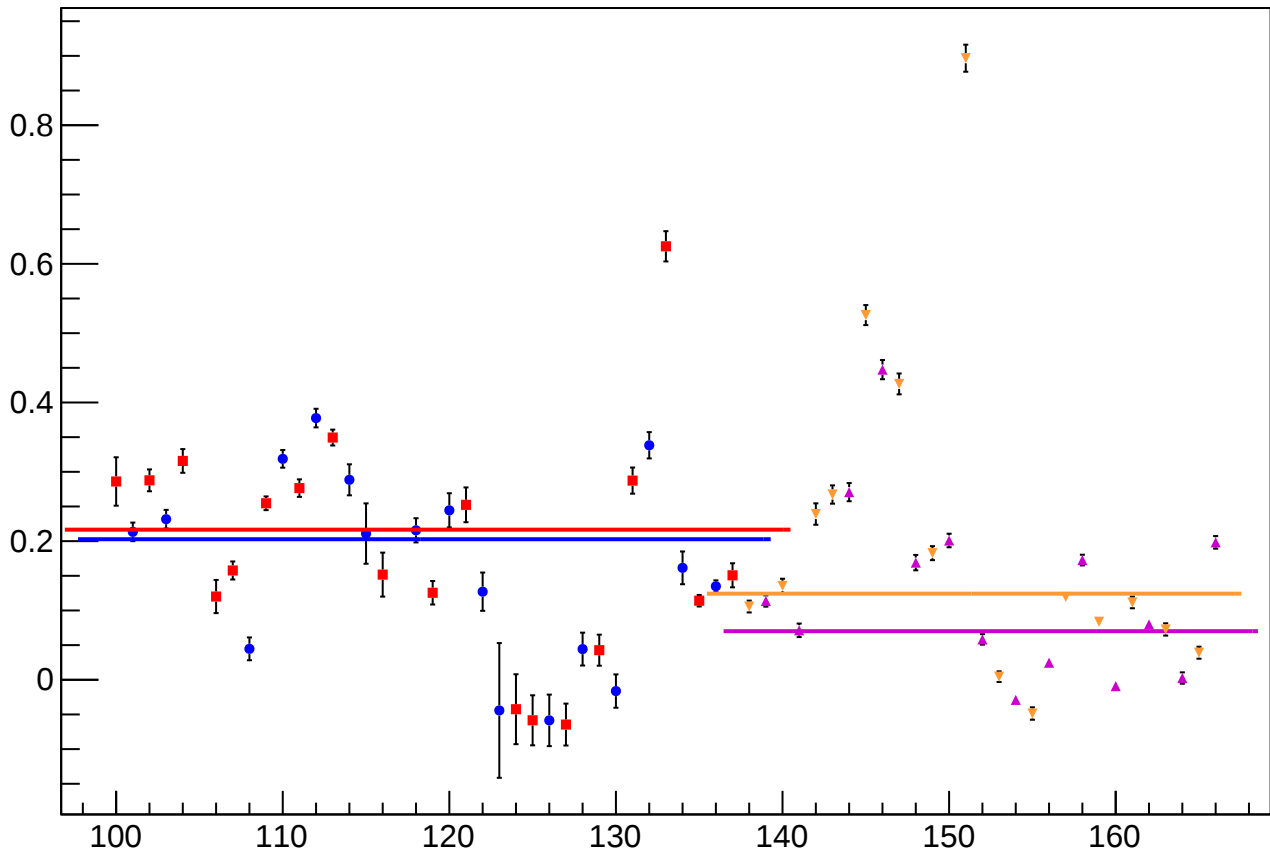
Left In: -2.404+/-0.045 χ^2/NDF : 1997.2/13

+ sign -2.548+/-0.043 χ^2/NDF : 4257.5/31

All: -2.320+/-0.028 χ^2/NDF : 7889.4/64

- sign -2.151+/-0.037 χ^2/NDF : 3583.4/32

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 676.5/16

Left Out: 0.124 ± 0.002 χ^2/NDF : 3731.7/14

Right Out: 0.217 ± 0.004 χ^2/NDF : 1064.4/18

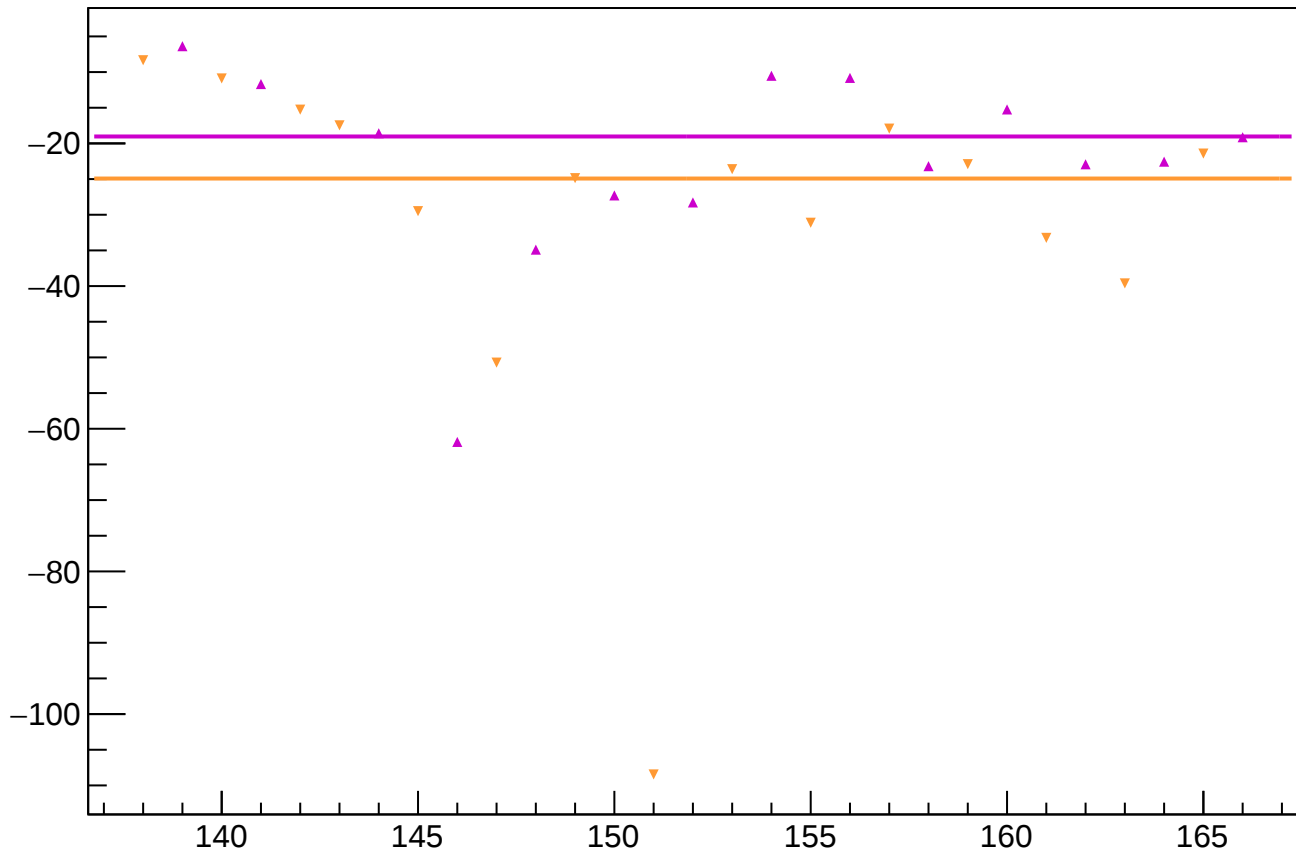
Left In: 0.070 ± 0.002 χ^2/NDF : 2382.9/13

+ sign 0.145 ± 0.002 χ^2/NDF : 4673.3/31

All: 0.120 ± 0.001 χ^2/NDF : 9559.7/64

- sign 0.103 ± 0.002 χ^2/NDF : 4660.6/32

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -24.924+/-0.065 χ^2/NDF : 56532.5/14

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

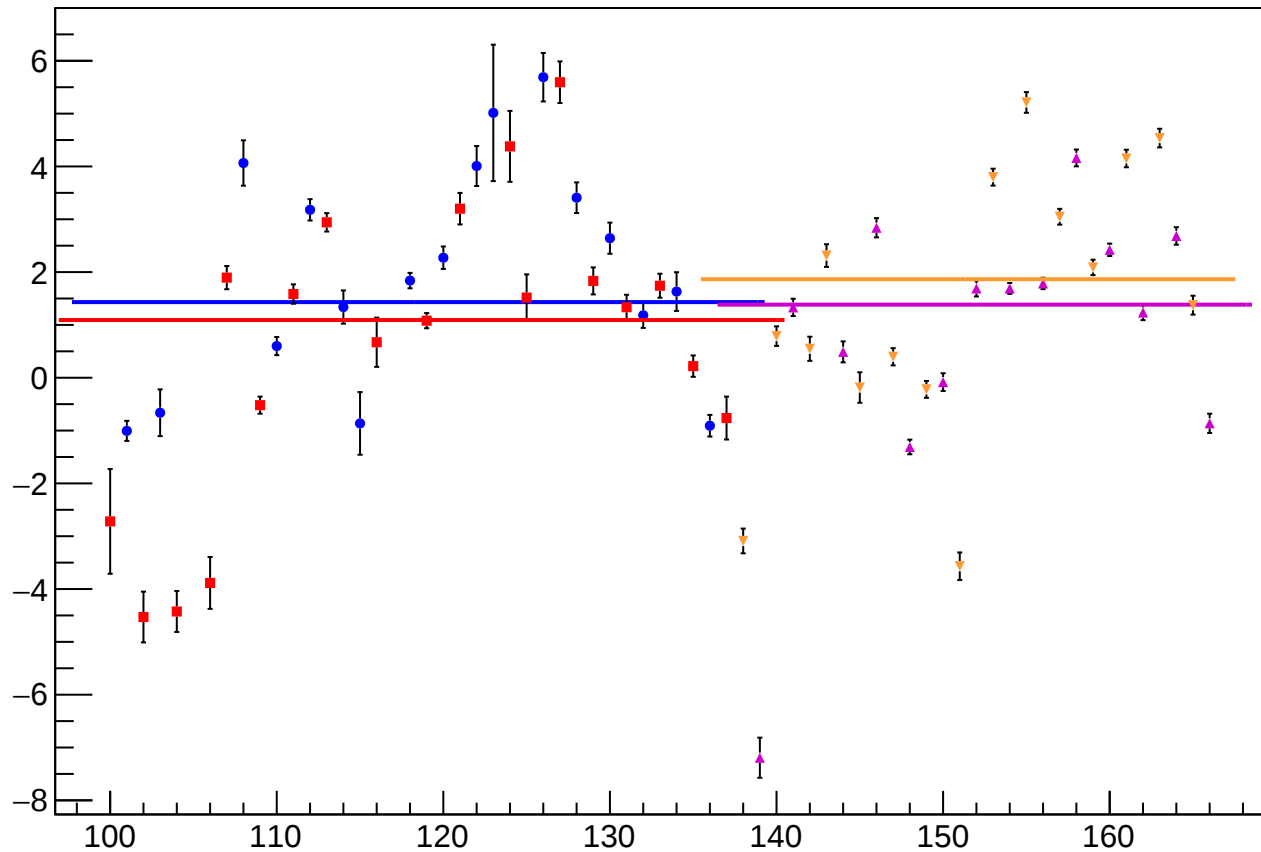
Left In: -19.028+/-0.055 χ^2/NDF : 36947.1/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.499+/-0.042 χ^2/NDF : 98265.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.432 ± 0.062 χ^2/NDF : 696.6/16

Left Out: 1.866 ± 0.047 χ^2/NDF : 2181.2/14

Right Out: 1.092 ± 0.058 χ^2/NDF : 953.2/18

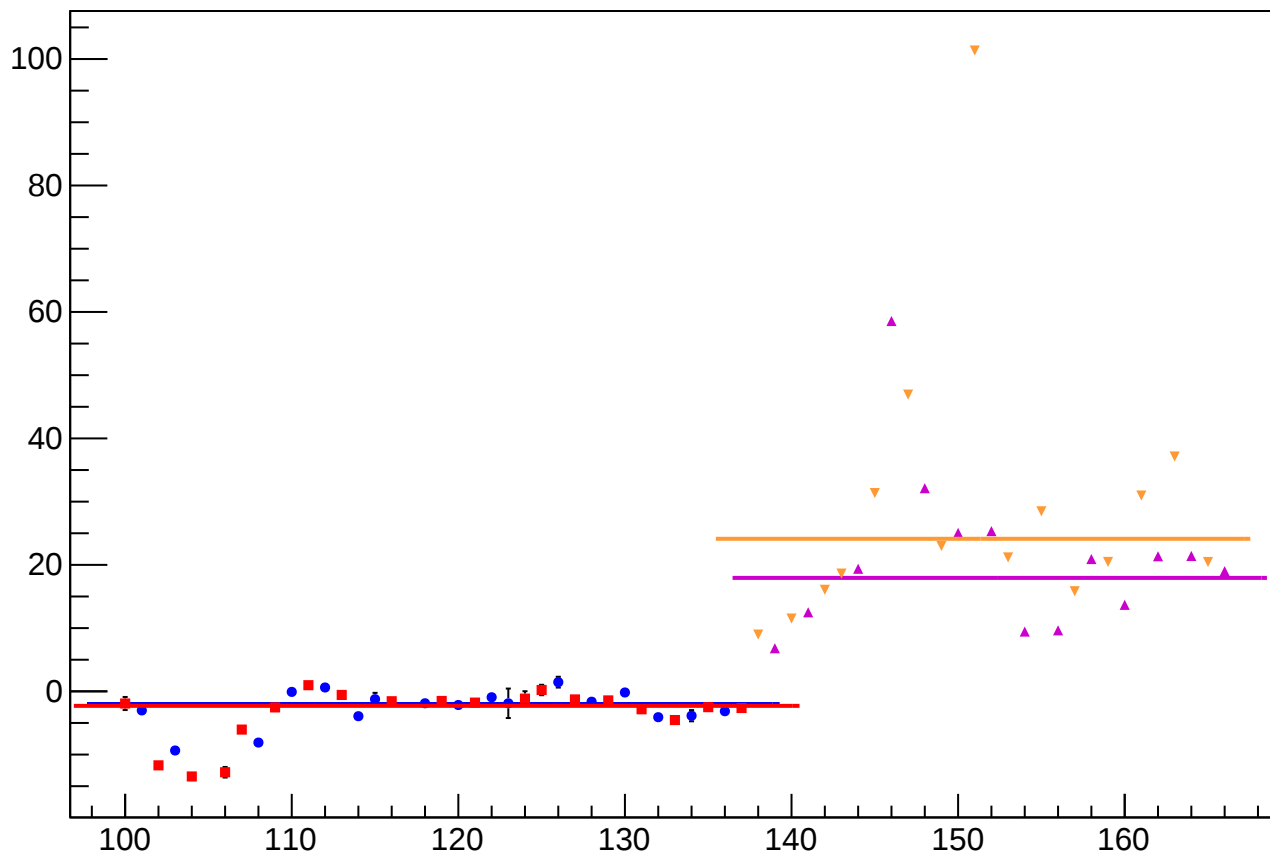
Left In: 1.384 ± 0.040 χ^2/NDF : 1670.0/13

+ sign 1.705 ± 0.038 χ^2/NDF : 2909.0/31

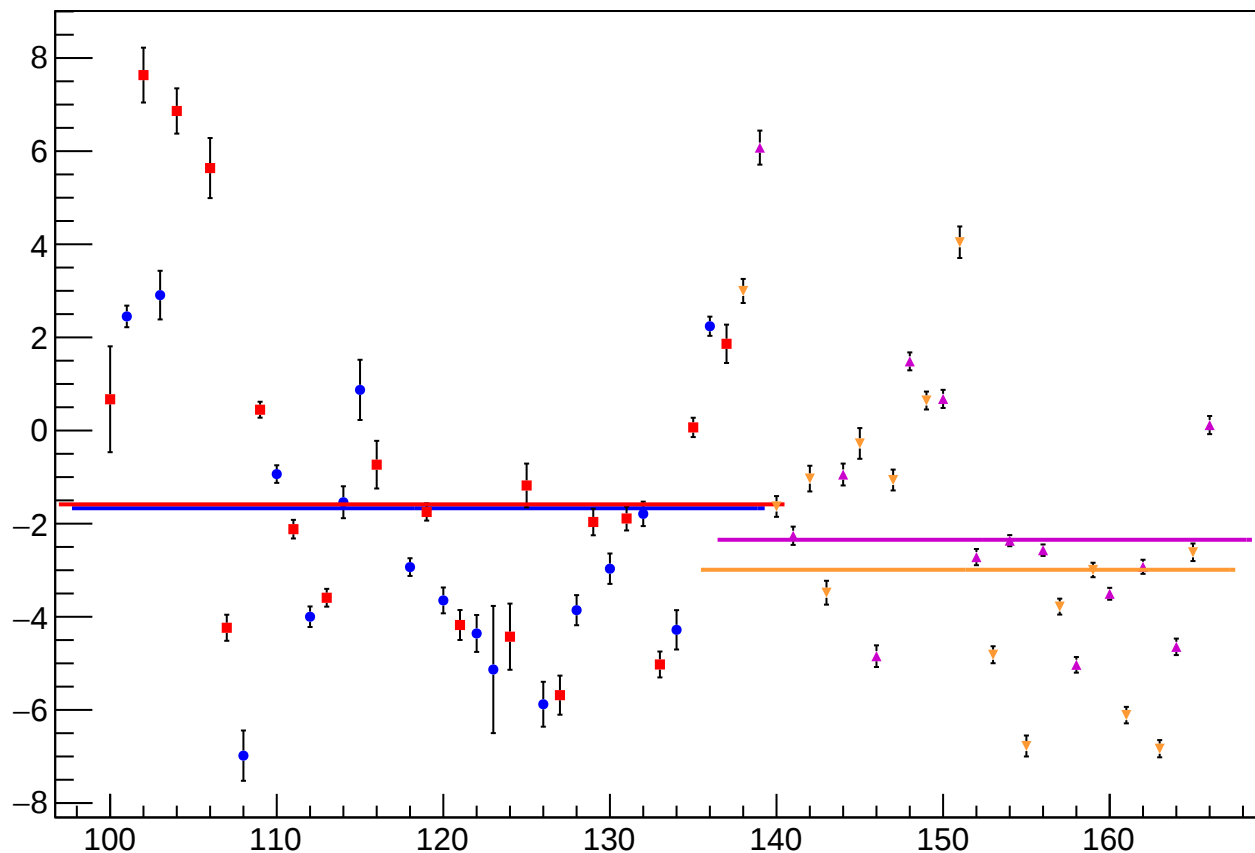
All: 1.470 ± 0.025 χ^2/NDF : 5618.8/64

- sign 1.291 ± 0.033 χ^2/NDF : 2640.5/32

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.669 ± 0.071 χ^2/NDF : 1314.9/16

Left Out: -2.990 ± 0.054 χ^2/NDF : 2708.8/14

Right Out: -1.585 ± 0.065 χ^2/NDF : 1494.7/18

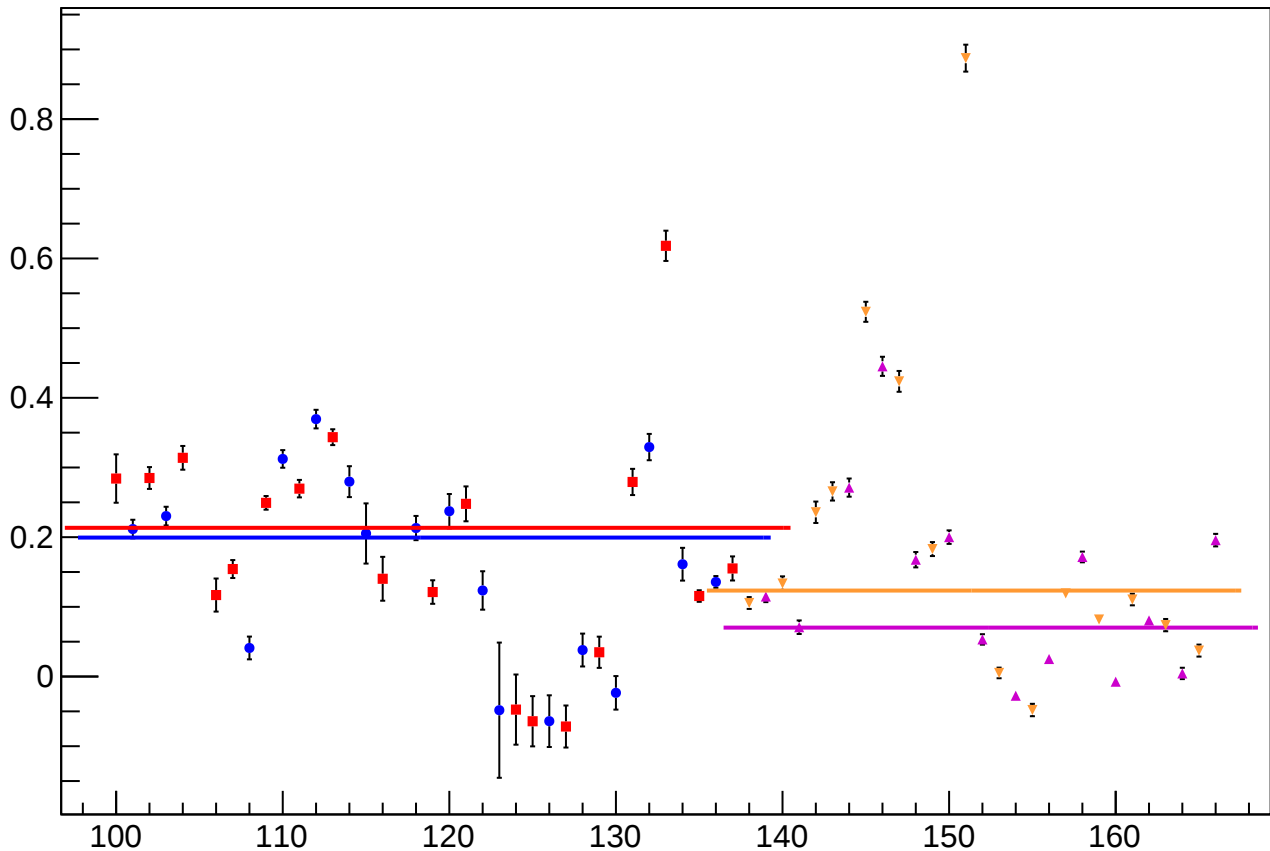
Left In: -2.346 ± 0.045 χ^2/NDF : 2009.3/13

+ sign -2.504 ± 0.043 χ^2/NDF : 4243.9/31

All: -2.273 ± 0.028 χ^2/NDF : 7890.2/64

- sign -2.101 ± 0.037 χ^2/NDF : 3595.8/32

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.199 $\pm$ 0.004 χ^2/NDF : 662.1/16

Left Out: 0.123 $\pm$ 0.002 χ^2/NDF : 3726.6/14

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1048.2/18

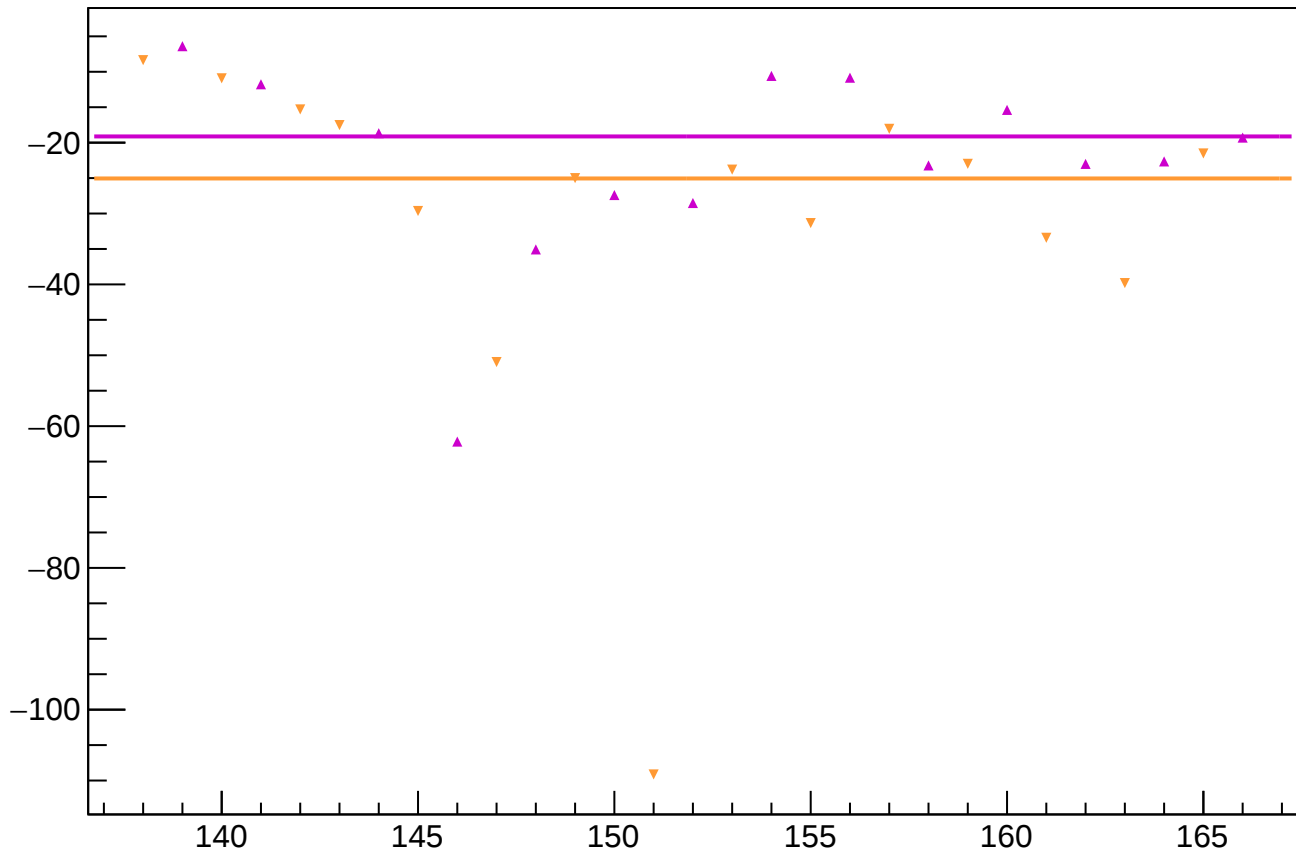
Left In: 0.070 $\pm$ 0.002 χ^2/NDF : 2369.9/13

+ sign 0.143 $\pm$ 0.002 χ^2/NDF : 4640.1/31

All: 0.119 $\pm$ 0.001 χ^2/NDF : 9449.7/64

- sign 0.103 $\pm$ 0.002 χ^2/NDF : 4590.6/32

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -25.053+/-0.065 χ^2/NDF : 56660.3/14

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

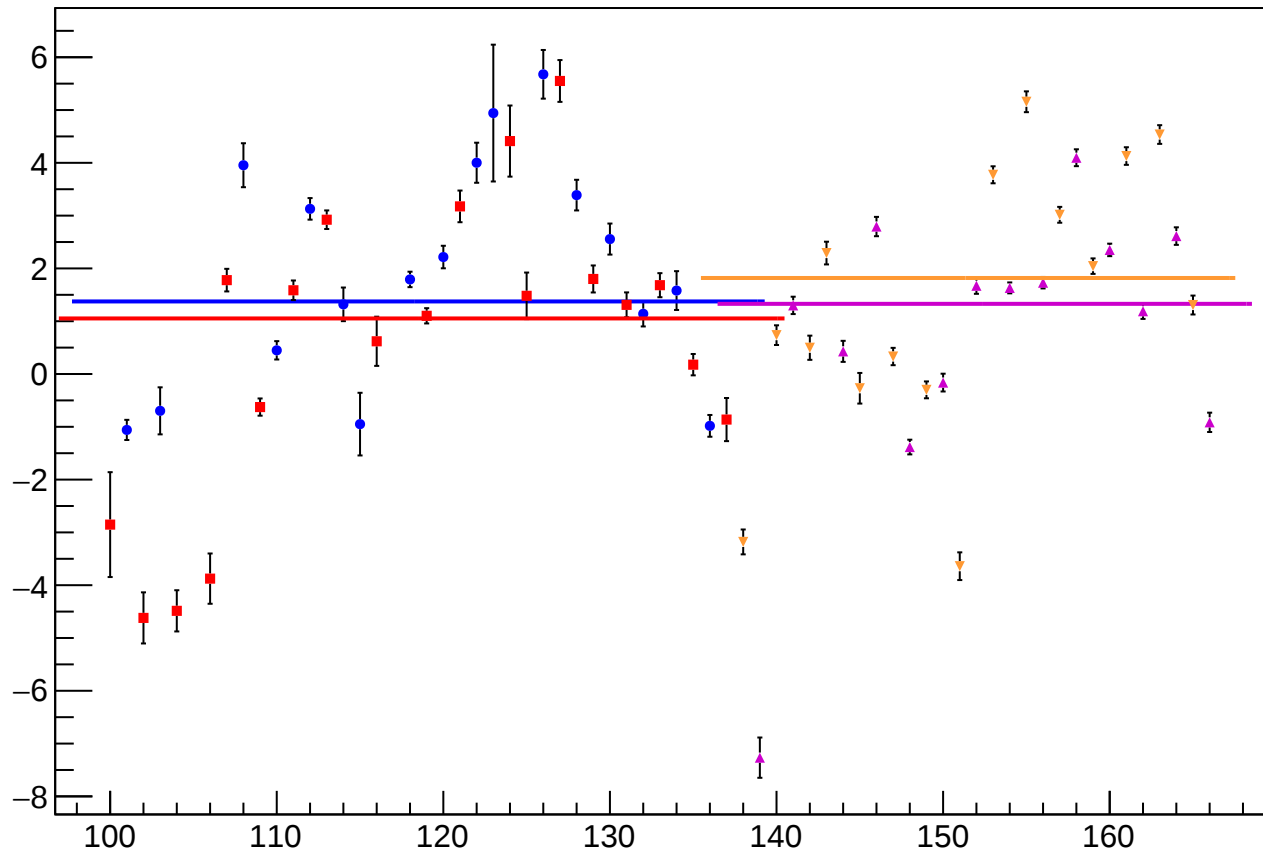
Left In: -19.122+/-0.055 χ^2/NDF : 37012.9/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.607+/-0.042 χ^2/NDF : 98478.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.375 $\pm$ 0.062 χ^2/NDF : 702.4/16

Left Out: 1.819 $\pm$ 0.047 χ^2/NDF : 2200.2/14

Right Out: 1.052 $\pm$ 0.058 χ^2/NDF : 964.0/18

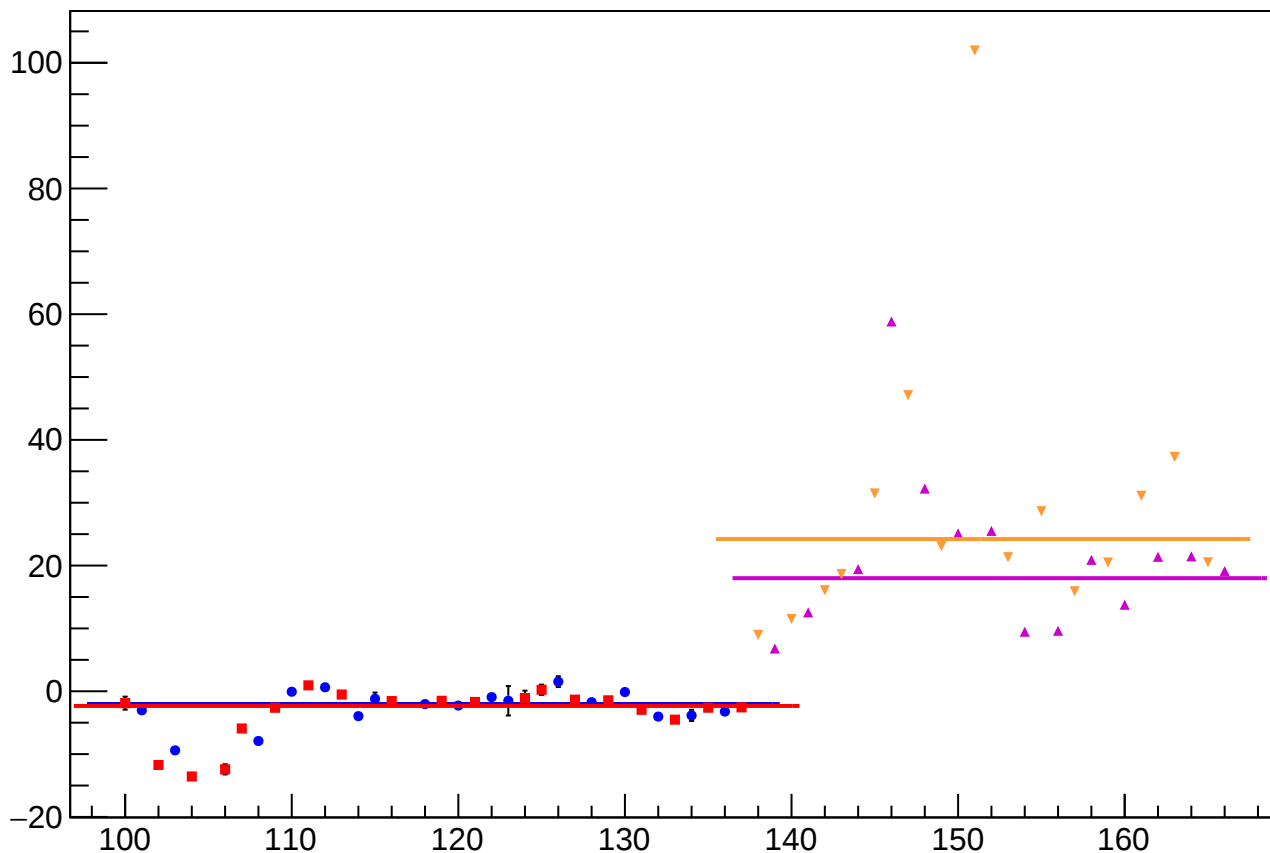
Left In: 1.329 $\pm$ 0.040 χ^2/NDF : 1662.0/13

+ sign 1.655 $\pm$ 0.038 χ^2/NDF : 2935.1/31

All: 1.419 $\pm$ 0.025 χ^2/NDF : 5645.3/64

- sign 1.240 $\pm$ 0.033 χ^2/NDF : 2641.5/32

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.031 ± 0.111 χ^2/NDF : 463.2/16

Left Out: 24.220 ± 0.064 χ^2/NDF : 50801.2/14

Right Out: -2.336 ± 0.099 χ^2/NDF : 902.0/18

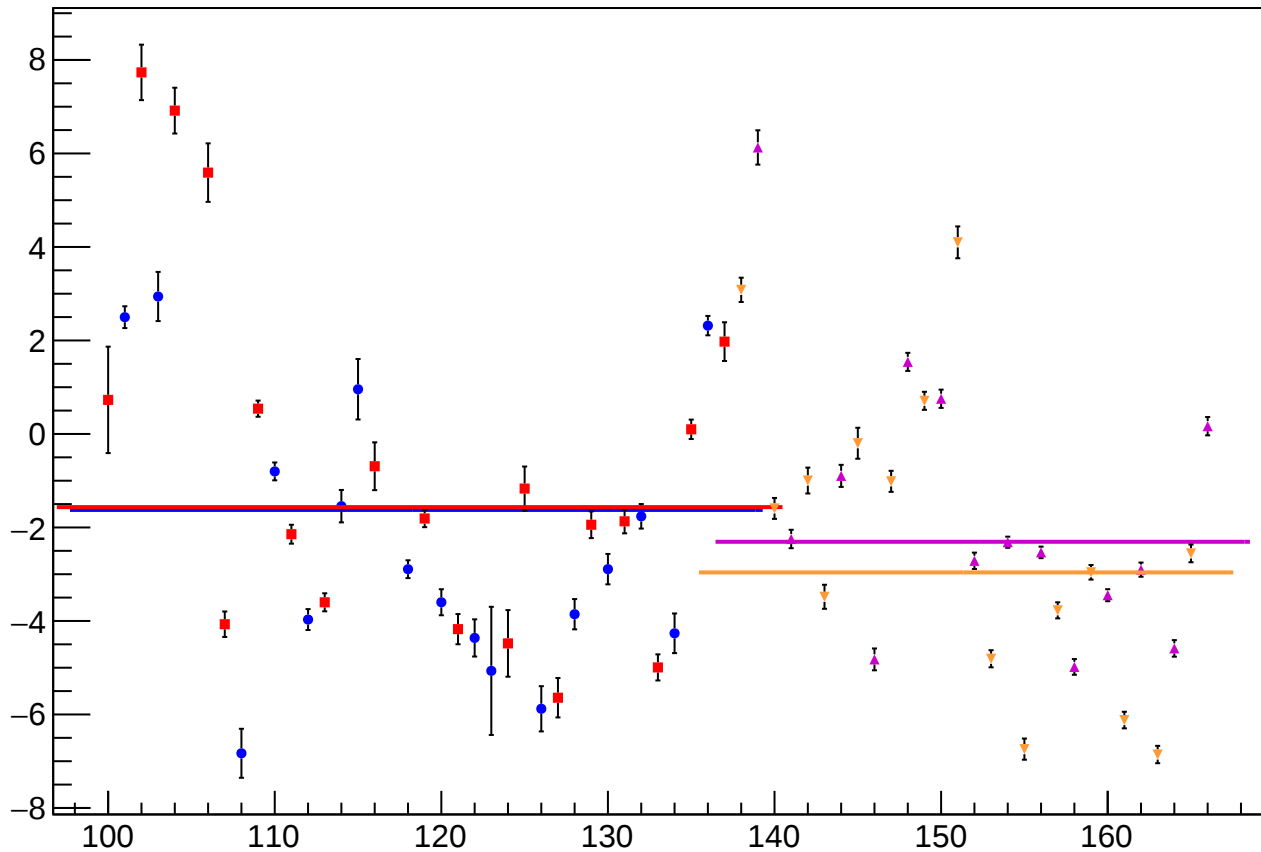
Left In: 17.995 ± 0.053 χ^2/NDF : 35150.2/13

+ sign 17.731 ± 0.055 χ^2/NDF : 93138.8/31

All: 15.222 ± 0.036 χ^2/NDF : 165441.7/64

- sign 13.416 ± 0.047 χ^2/NDF : 68768.2/32

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.625 ± 0.071 χ^2/NDF : 1320.8/16

Left Out: -2.962 ± 0.054 χ^2/NDF : 2734.2/14

Right Out: -1.565 ± 0.066 χ^2/NDF : 1505.8/18

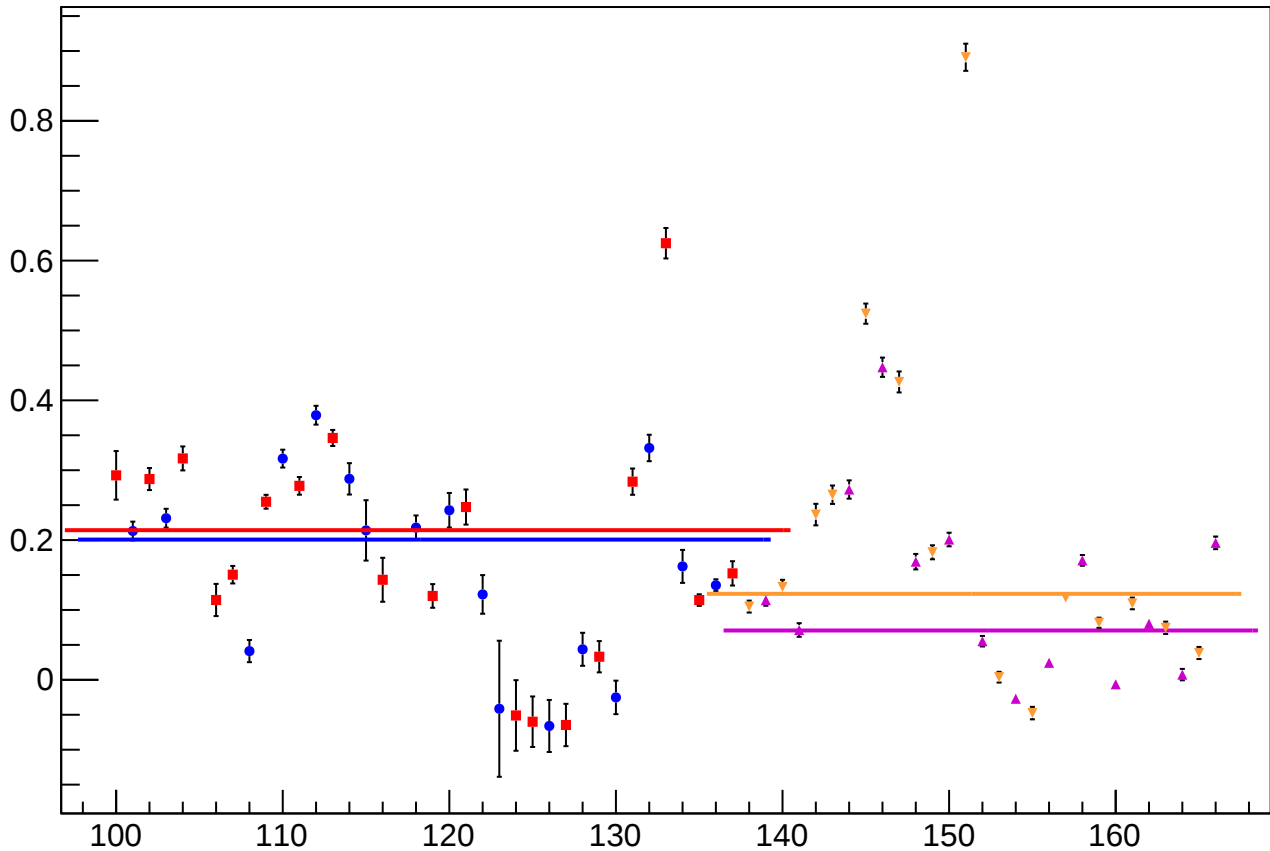
Left In: -2.306 ± 0.045 χ^2/NDF : 2001.9/13

+ sign -2.470 ± 0.043 χ^2/NDF : 4278.6/31

All: -2.239 ± 0.028 χ^2/NDF : 7922.9/64

- sign -2.067 ± 0.037 χ^2/NDF : 3594.2/32

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 χ^2 /NDF: 690.6/16

Left Out: 0.123 $\pm$ 0.002 χ^2 /NDF:3714.1/14

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1080.4/18

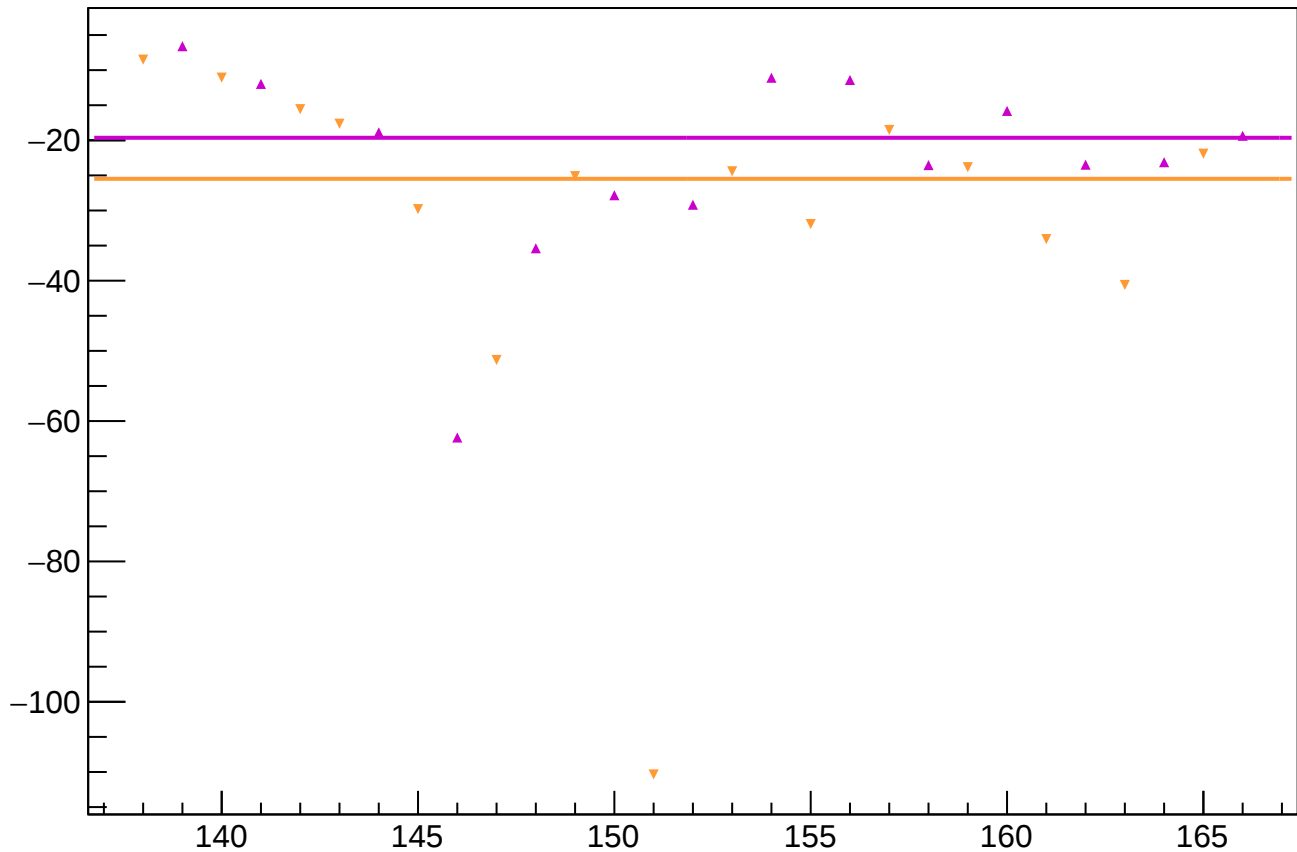
Left In: 0.071 $\pm$ 0.002 χ^2 /NDF:2352.3/13

+ sign 0.143 $\pm$ 0.002 χ^2 /NDF: 4664.7/31

All: 0.120 $\pm$ 0.001 χ^2 /NDF: 9482.8/64

- sign 0.103 $\pm$ 0.002 χ^2 /NDF: 4605.3/32

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -25.483+/-0.066 χ^2/NDF : 56583.9/14

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

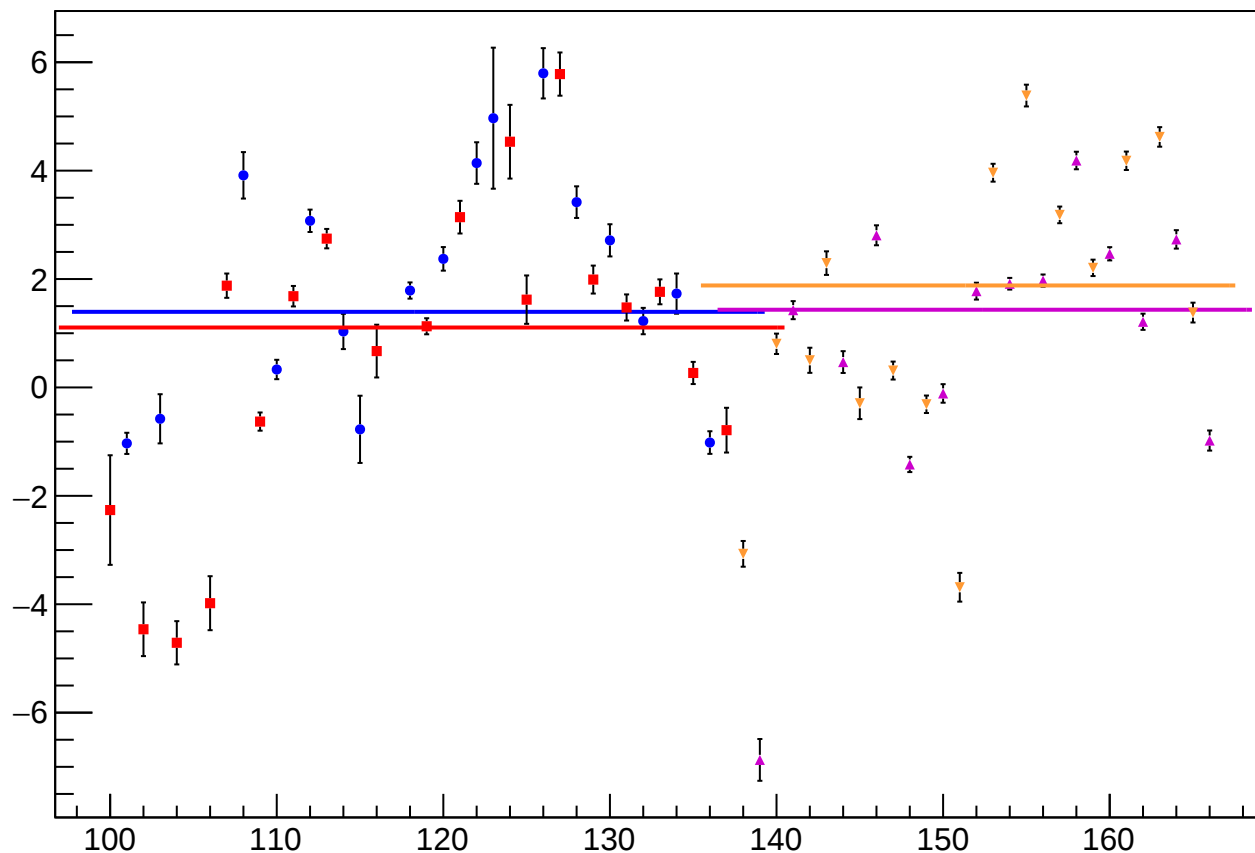
Left In: -19.638+/-0.057 χ^2/NDF : 35860.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.106+/-0.043 χ^2/NDF : 96933.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.395 $\pm$ 0.063 χ^2/NDF : 701.4/16

Left Out: 1.881 $\pm$ 0.048 χ^2/NDF :2238.6/14

Right Out: 1.106 $\pm$ 0.059 χ^2/NDF : 937.0/18

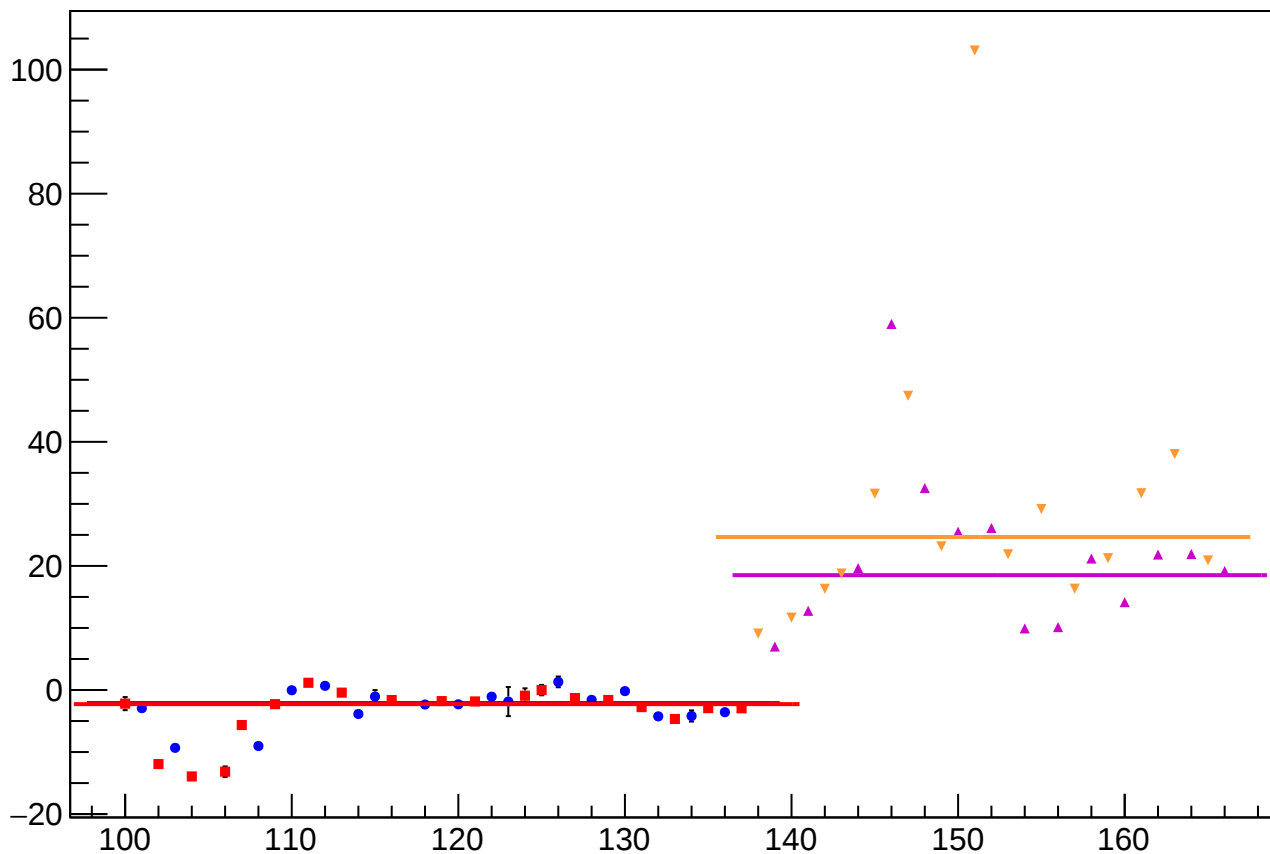
Left In: 1.434 $\pm$ 0.041 χ^2/NDF :1673.4/13

+ sign 1.702 $\pm$ 0.038 χ^2/NDF : 2977.6/31

All: 1.490 $\pm$ 0.025 χ^2/NDF : 5662.6/64

- sign 1.328 $\pm$ 0.034 χ^2/NDF : 2631.2/32

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.119 ± 0.113 χ^2/NDF : 486.3/16

Left Out: 24.663 ± 0.065 χ^2/NDF : 50580.3/14

Right Out: -2.277 ± 0.101 χ^2/NDF : 919.4/18

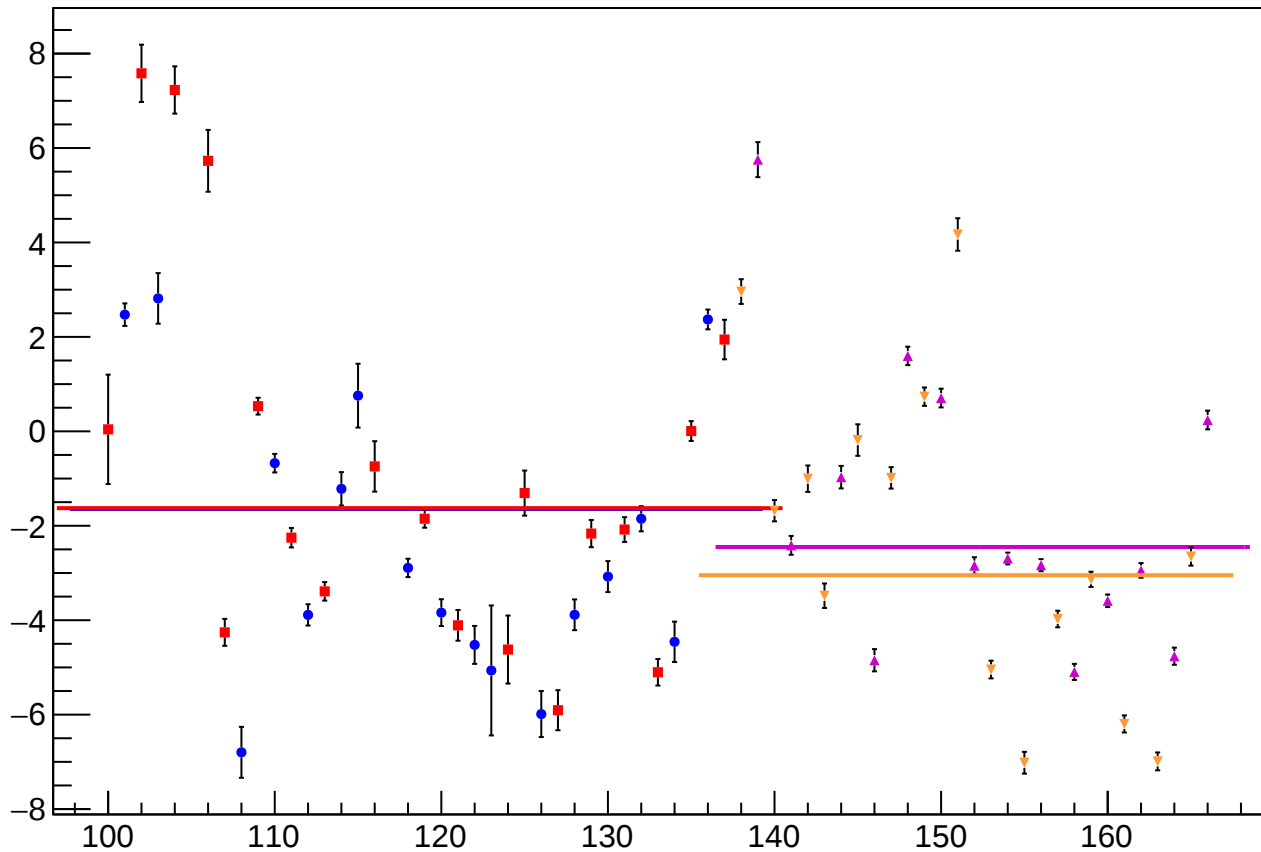
Left In: 18.511 ± 0.055 χ^2/NDF : 33887.4/13

+ sign 18.046 ± 0.056 χ^2/NDF : 93138.8/31

All: 15.593 ± 0.037 χ^2/NDF : 163975.4/64

- sign 13.806 ± 0.048 χ^2/NDF : 67557.1/32

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.643 $\pm$ 0.072 χ^2/NDF : 1310.1/16

Left Out: -3.047 $\pm$ 0.055 χ^2/NDF : 2771.9/14

Right Out: -1.627 $\pm$ 0.067 χ^2/NDF : 1468.1/18

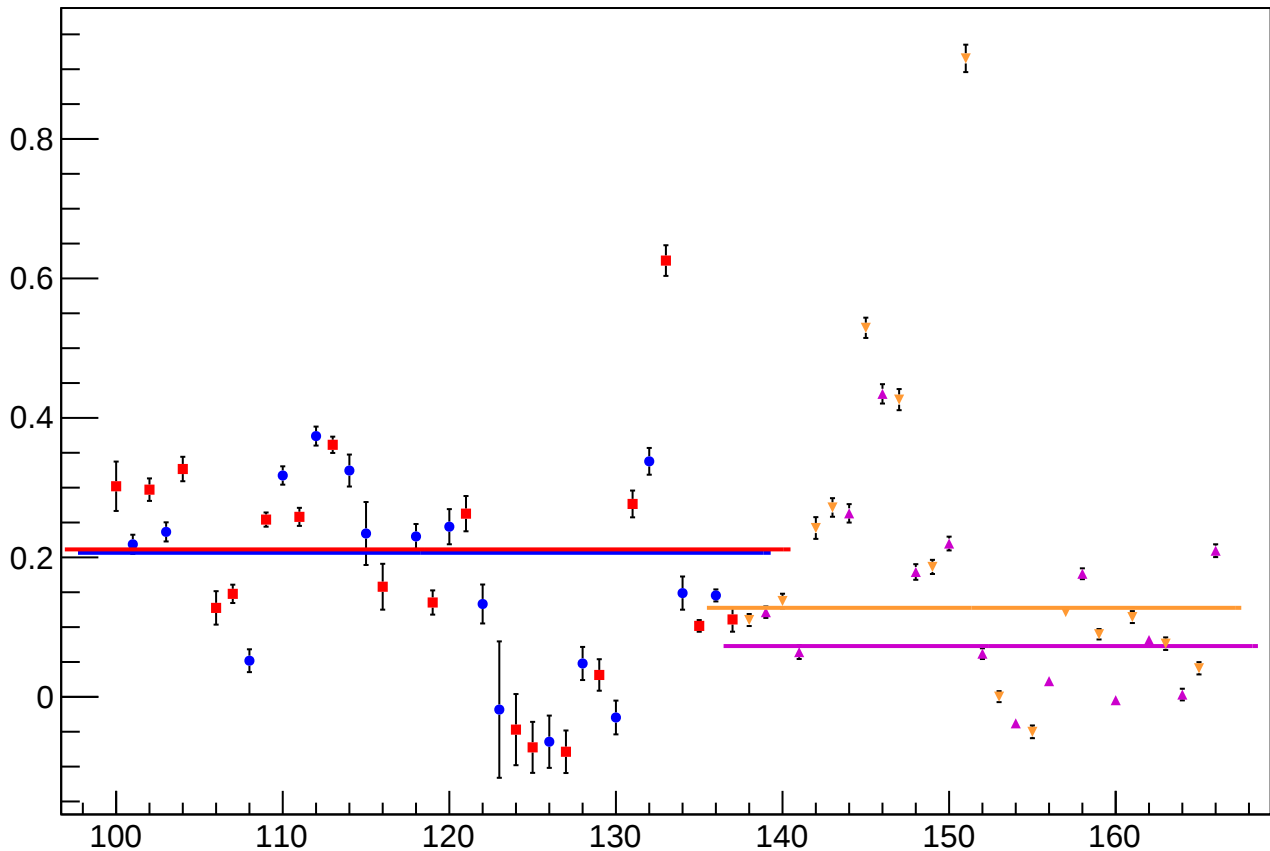
Left In: -2.449 $\pm$ 0.046 χ^2/NDF : 2002.4/13

+ sign -2.531 $\pm$ 0.044 χ^2/NDF : 4320.0/31

All: -2.333 $\pm$ 0.029 χ^2/NDF : 7928.5/64

- sign -2.183 $\pm$ 0.038 χ^2/NDF : 3572.5/32

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.004 χ^2/NDF : 655.0/16

Left Out: 0.128 $\pm$ 0.002 χ^2/NDF : 3764.7/14

Right Out: 0.211 $\pm$ 0.004 χ^2/NDF : 1145.6/18

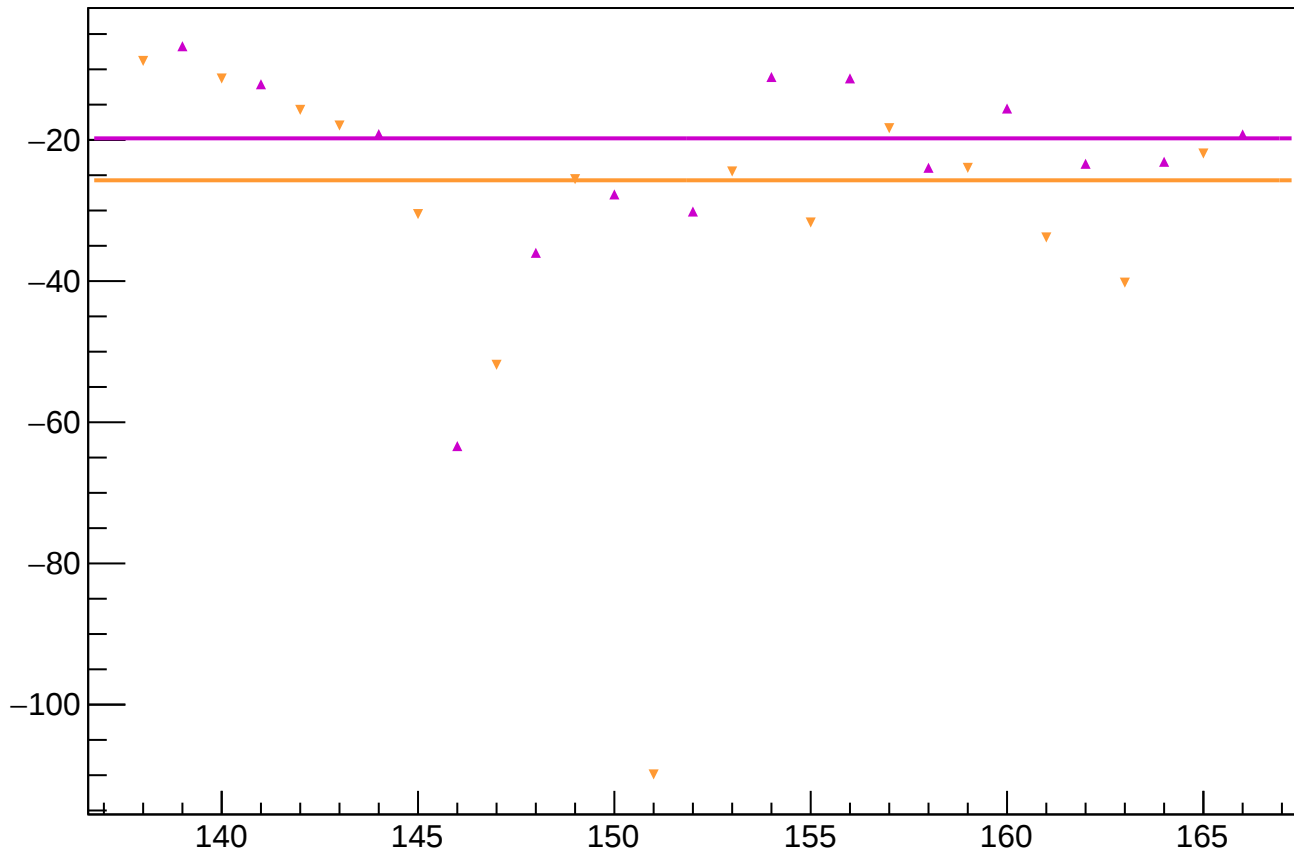
Left In: 0.073 $\pm$ 0.002 χ^2/NDF : 2432.5/13

+ sign 0.148 $\pm$ 0.002 χ^2/NDF : 4679.1/31

All: 0.122 $\pm$ 0.001 χ^2/NDF : 9545.7/64

- sign 0.105 $\pm$ 0.002 χ^2/NDF : 4624.6/32

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -25.720+/-0.067 χ^2/NDF : 55338.7/14

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

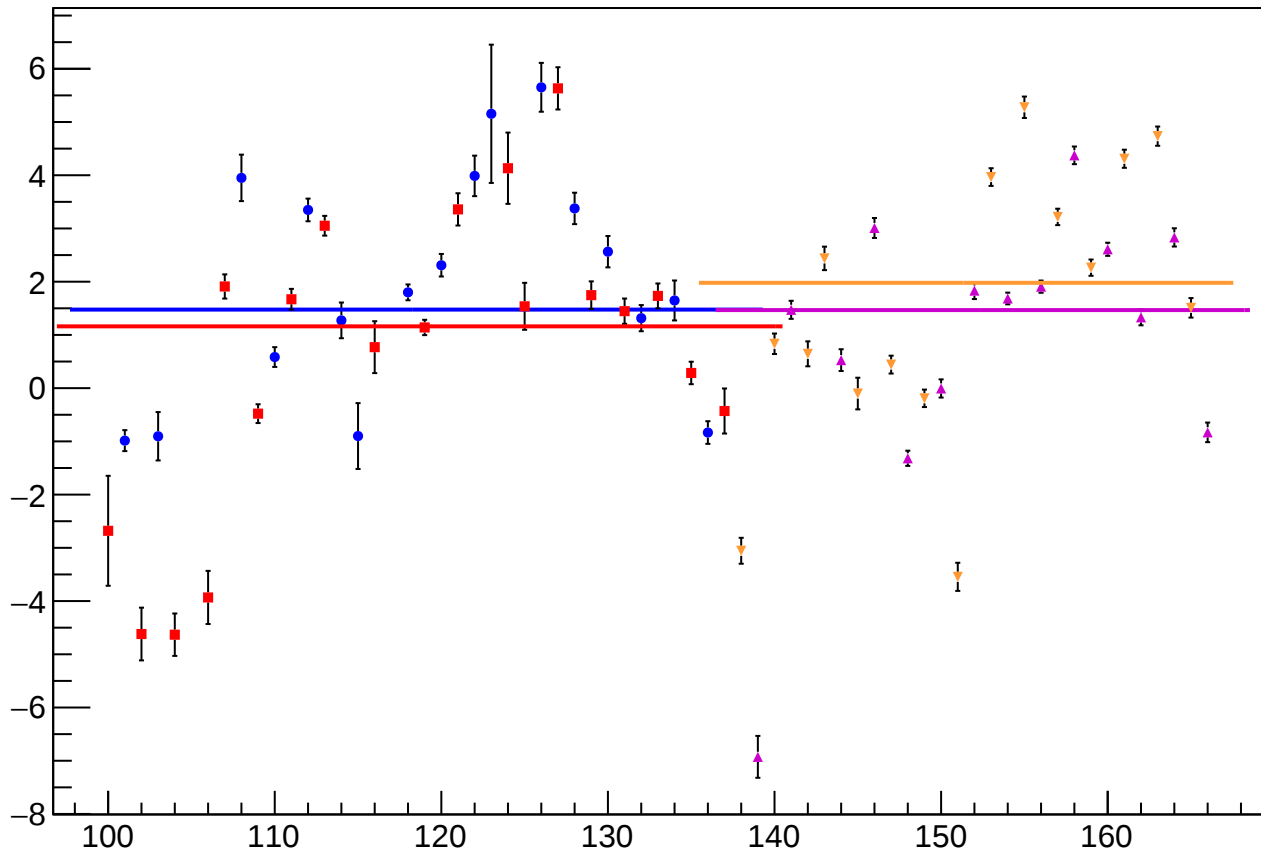
Left In: -19.777+/-0.057 χ^2/NDF : 36176.7/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.293+/-0.044 χ^2/NDF : 96049.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.476 $\pm$ 0.064 χ^2/NDF : 659.7/16

Left Out: 1.979 $\pm$ 0.049 χ^2/NDF : 2150.3/14

Right Out: 1.161 $\pm$ 0.060 χ^2/NDF : 917.9/18

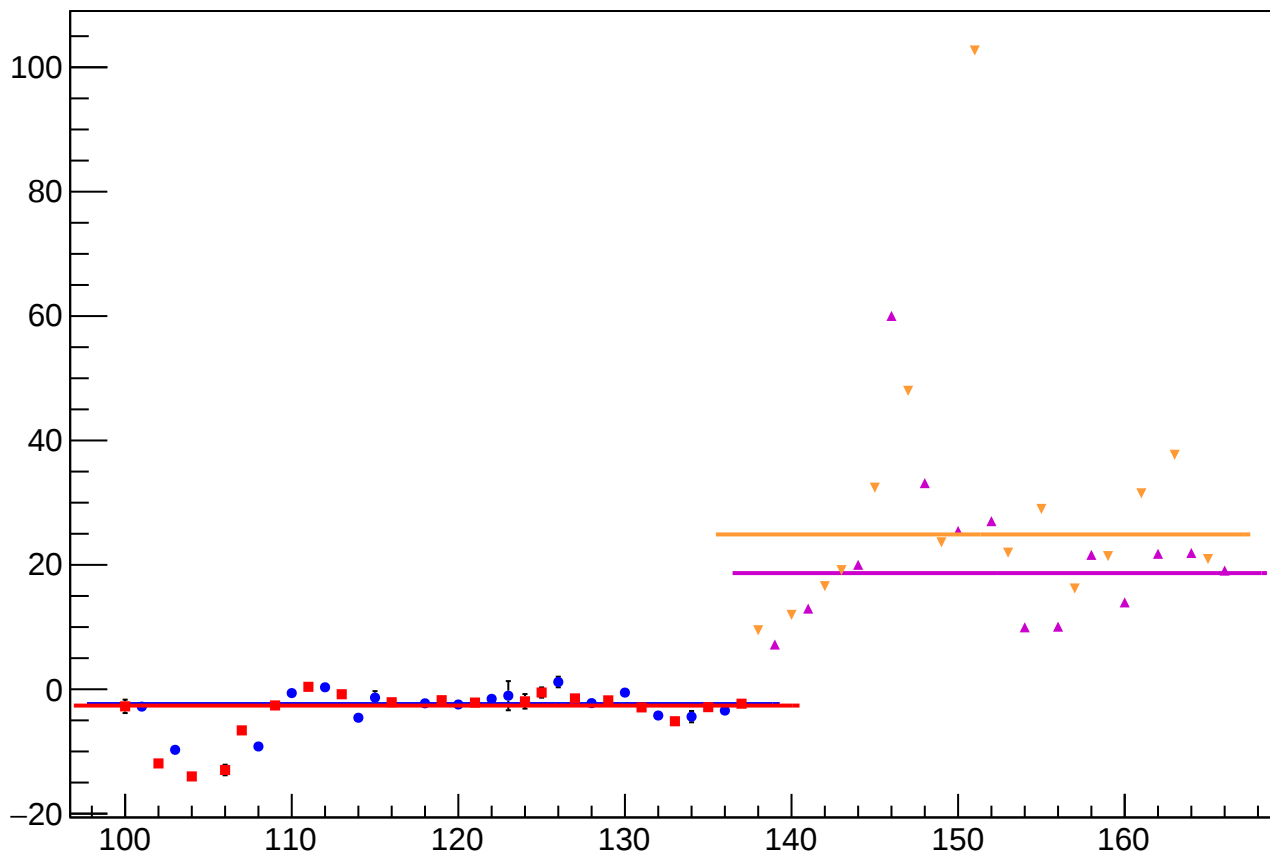
Left In: 1.467 $\pm$ 0.041 χ^2/NDF : 1633.3/13

+ sign 1.793 $\pm$ 0.039 χ^2/NDF : 2849.4/31

All: 1.554 $\pm$ 0.026 χ^2/NDF : 5486.2/64

- sign 1.368 $\pm$ 0.034 χ^2/NDF : 2568.8/32

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.380 ± 0.115 χ^2/NDF : 438.8/16

Left Out: 24.894 ± 0.066 χ^2/NDF : 49615.0/14

Right Out: -2.623 ± 0.103 χ^2/NDF : 841.3/18

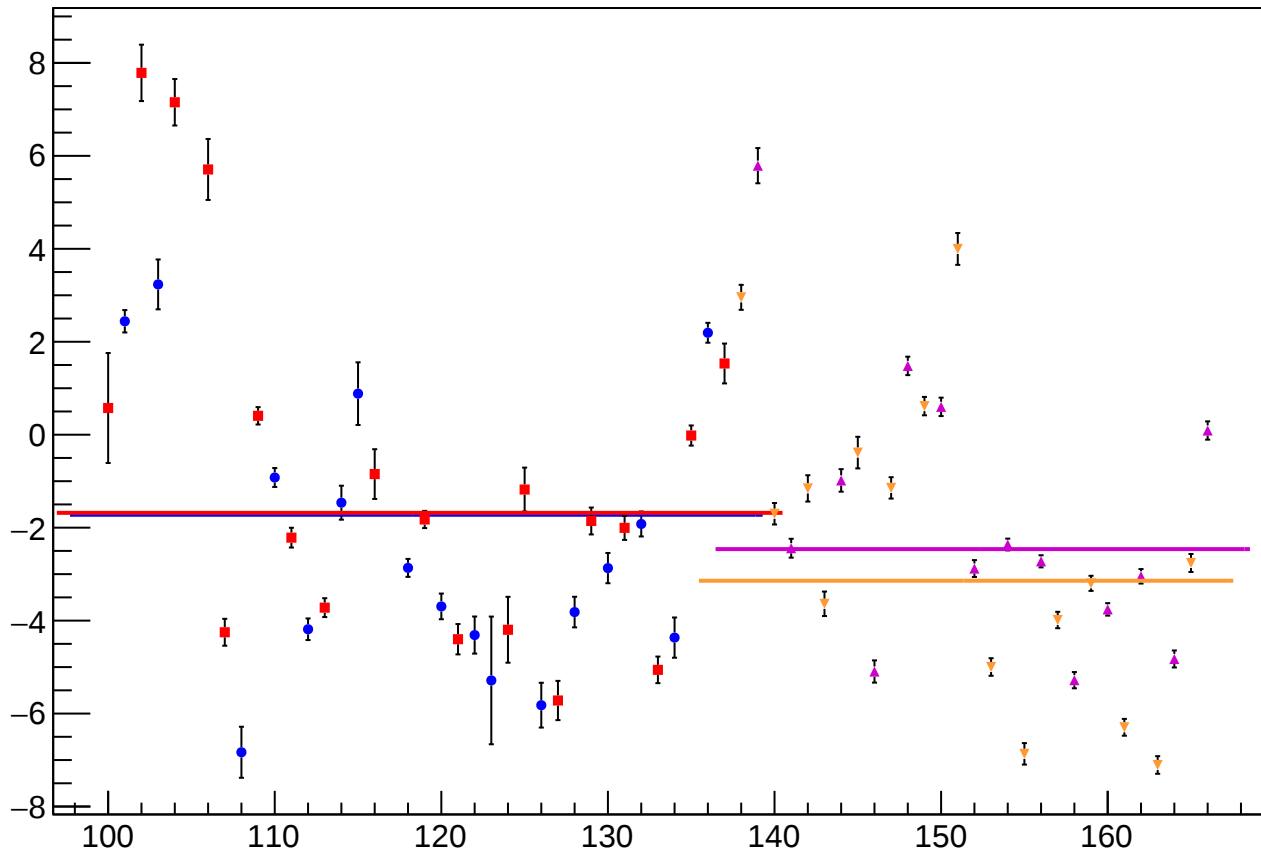
Left In: 18.677 ± 0.055 χ^2/NDF : 34217.7/13

+ sign 18.209 ± 0.057 χ^2/NDF : 92493.1/31

All: 15.736 ± 0.037 χ^2/NDF : 163869.8/64

- sign 13.920 ± 0.049 χ^2/NDF : 68106.3/32

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.722+/-0.073 χ^2/NDF : 1247.6/16

Left Out: -3.142+/-0.056 χ^2/NDF : 2665.4/14

Right Out: -1.681+/-0.068 χ^2/NDF : 1431.0/18

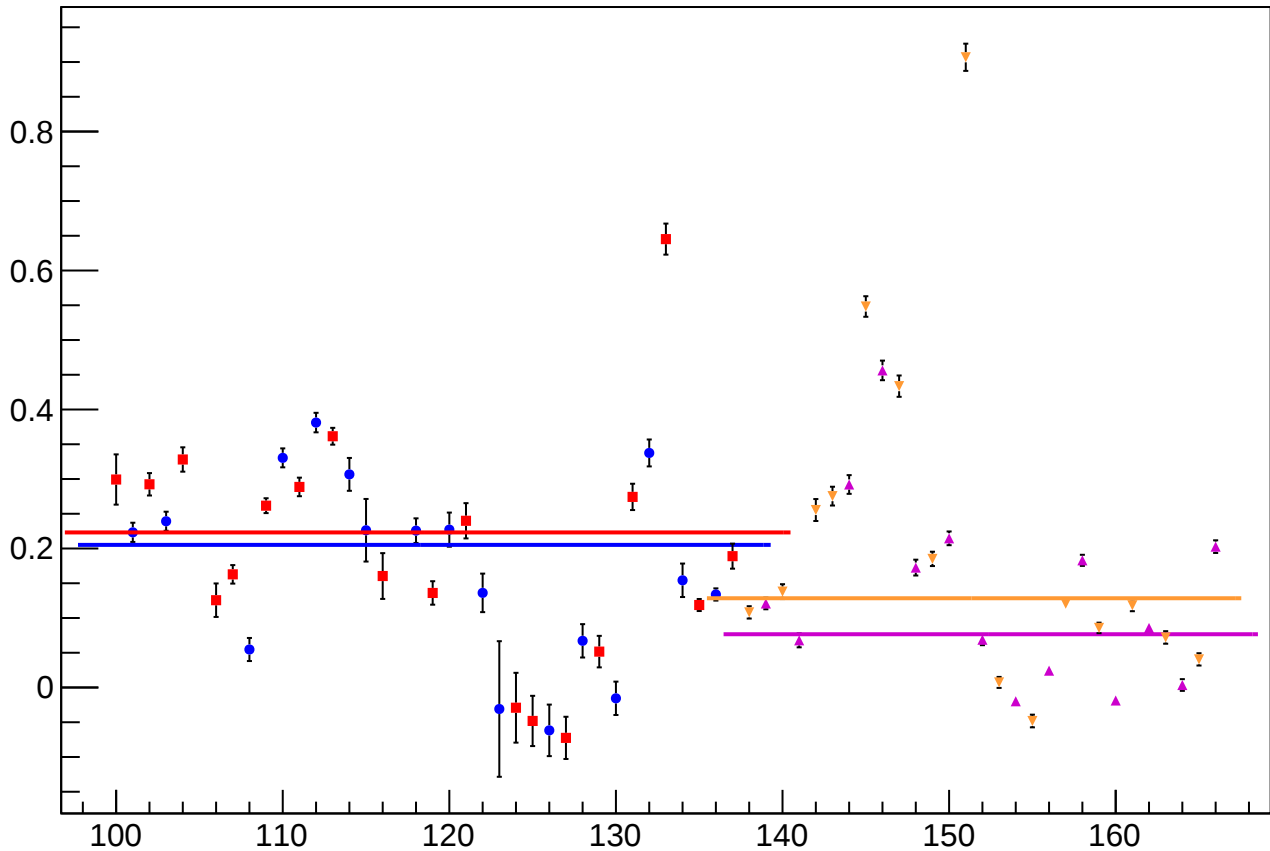
Left In: -2.461+/-0.047 χ^2/NDF : 1978.0/13

+ sign -2.621+/-0.044 χ^2/NDF : 4151.6/31

All: -2.387+/-0.029 χ^2/NDF : 7699.1/64

- sign -2.209+/-0.039 χ^2/NDF : 3498.3/32

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.004 χ^2/NDF : 650.7/16

Left Out: 0.128 $\pm$ 0.003 χ^2/NDF : 3780.1/14

Right Out: 0.223 $\pm$ 0.004 χ^2/NDF : 1040.5/18

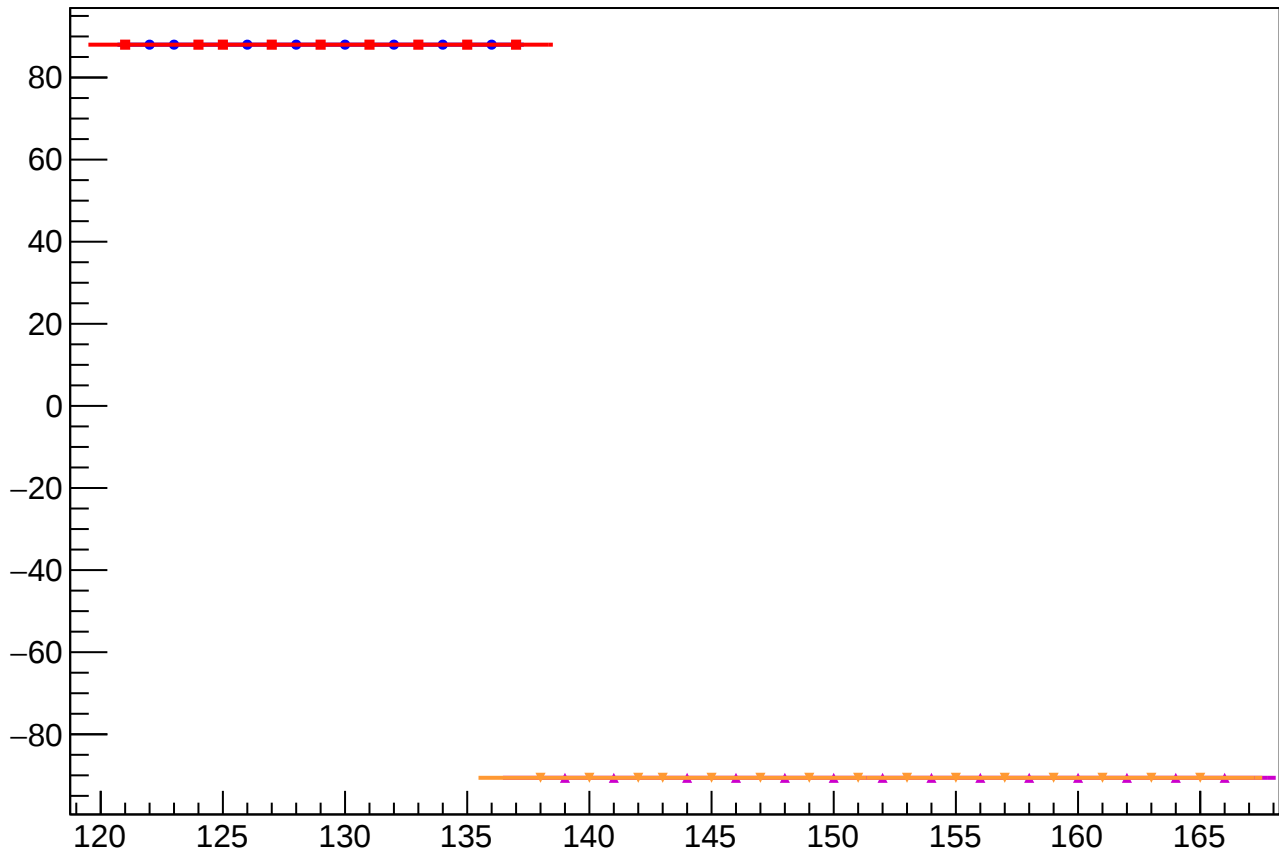
Left In: 0.077 $\pm$ 0.002 χ^2/NDF : 2401.8/13

+ sign 0.148 $\pm$ 0.002 χ^2/NDF : 4670.4/31

All: 0.126 $\pm$ 0.001 χ^2/NDF : 9421.1/64

- sign 0.110 $\pm$ 0.002 χ^2/NDF : 4567.7/32

VWienAngle_mean vs Slug



Right In: 88.001+/-0.000 χ^2/NDF : 714089.5/7

Left Out: -90.599+/-0.000 χ^2/NDF : 5039218.2/14

Right Out: 88.001+/-0.000 χ^2/NDF : 109456.0/8

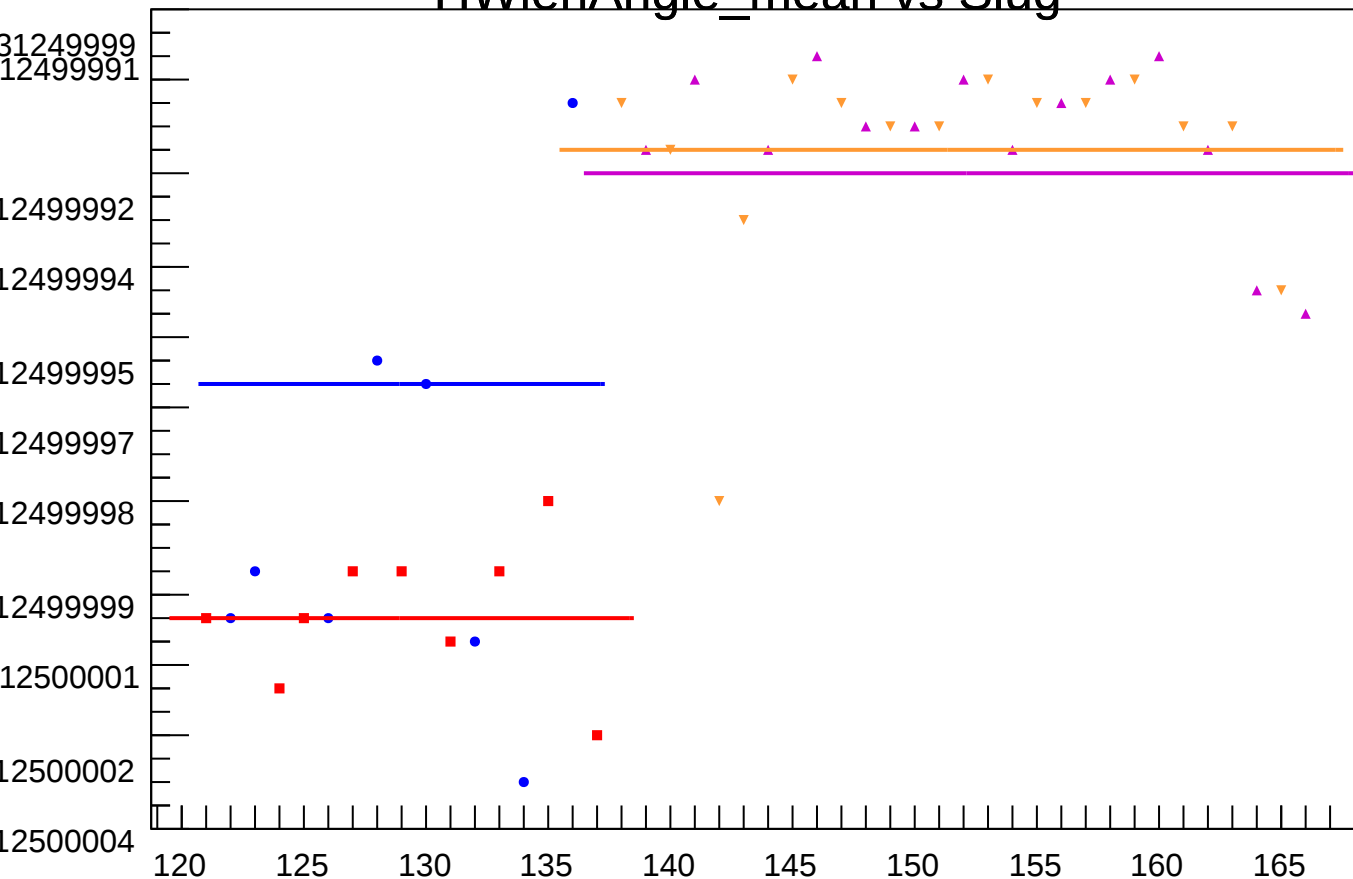
Left In: -90.599+/-0.000 χ^2/NDF : 4942283.0/13

+ sign -49.770+/-0.000 χ^2/NDF : 841517652224597

All: -50.431+/-0.000 χ^2/NDF : 163425003244

- sign -51.117+/-0.000 χ^2/NDF : 7925990953402618

HWienAngle_mean vs Slug



Right In: -29.641+/-0.000 χ^2/NDF : 405045.4/7

Left Out: -29.641+/-0.000 χ^2/NDF : 215213.9/14

Right Out: -29.641+/-0.000 χ^2/NDF : 29358.2/8

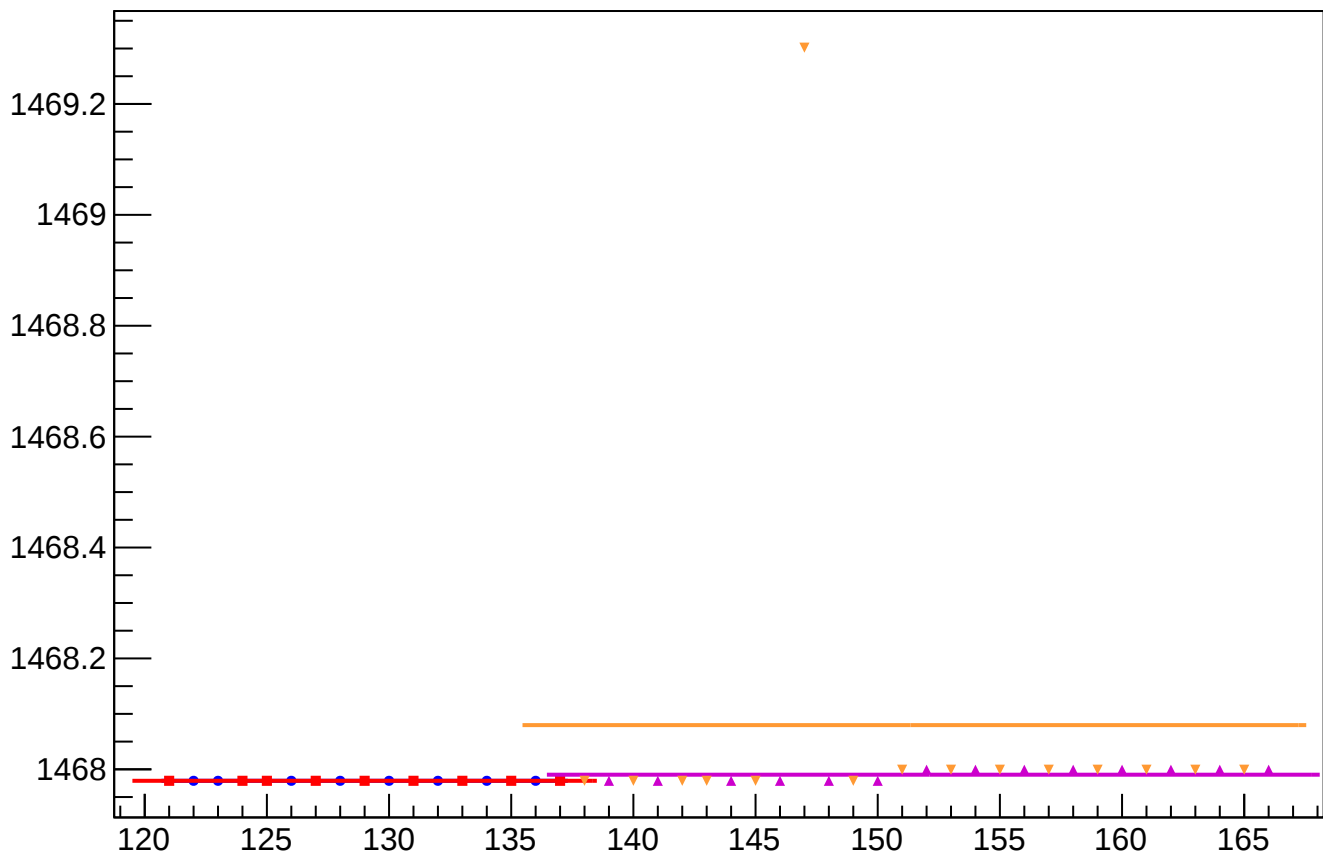
Left In: -29.641+/-0.000 χ^2/NDF : 172236.7/13

+ sign -29.641+/-0.000 χ^2/NDF : 1086608.6/22

All: -29.641+/-0.000 χ^2/NDF : 2646293.9/45

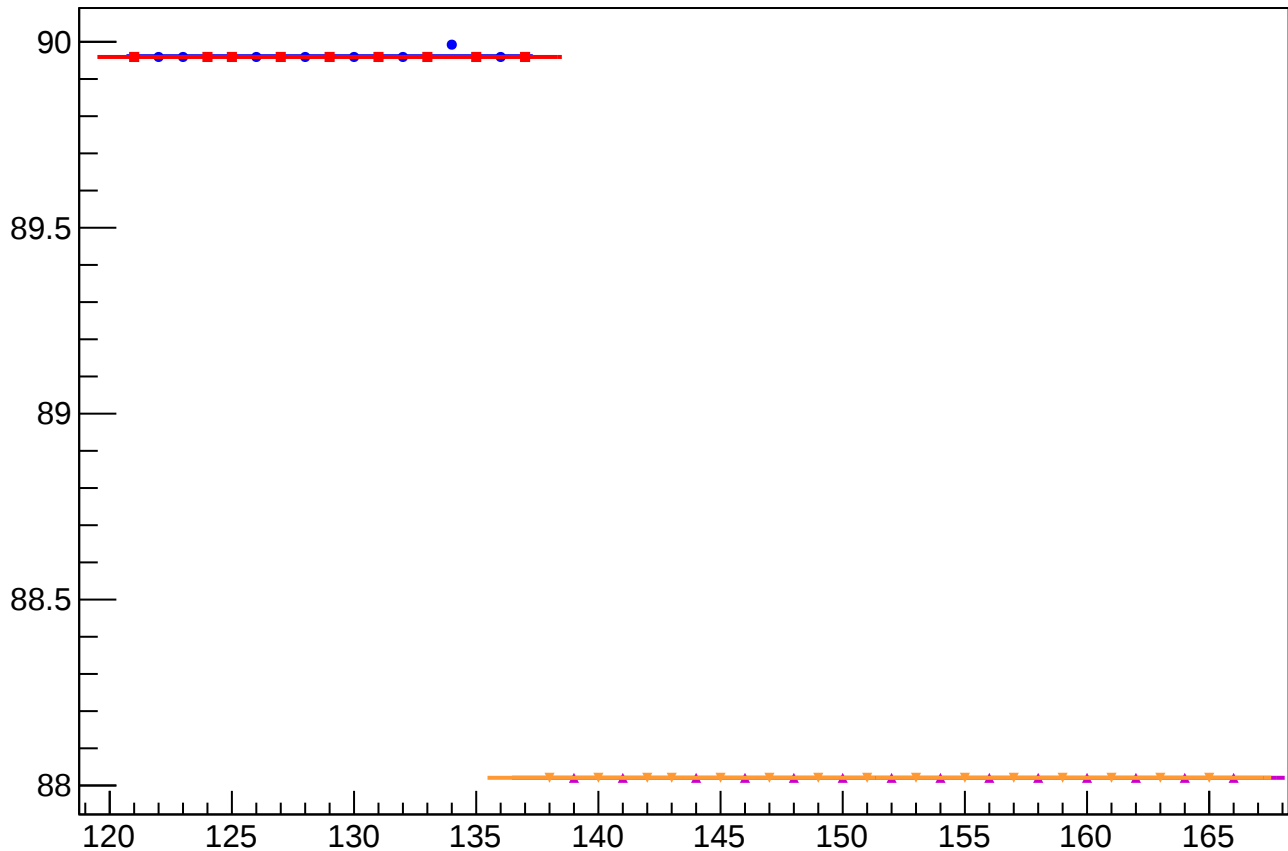
- sign -29.641+/-0.000 χ^2/NDF : 1759614.2/22

psub_pl_pos_mean vs Slug



Right In: 1467.979+/-0.000	χ^2/NDF : 436234375.5/7	+ sign 1468.057+/-0.000	χ^2/NDF : 12764135943160
Left Out: 1468.080+/-0.000	χ^2/NDF : 124980616728883178003485115285504.0/14	All: 1468.023+/-0.000	χ^2/NDF : 1312698793
Right Out: 1467.979+/-0.000	χ^2/NDF : 83183350.3/8	- sign 1467.988+/-0.000	χ^2/NDF : 14133056128987
Left In: 1467.990+/-0.000	χ^2/NDF : 111283985742084336775271022592.0/13		

Phi_FG_mean vs Slug



Right In: 89.961+/-0.000 χ^2/NDF : 21528640598708602874349223936.0/7

Left Out: 88.021+/-0.000 χ^2/NDF : 4454577.6/14

Right Out: 89.959+/-0.000 χ^2/NDF : 331397.3/8

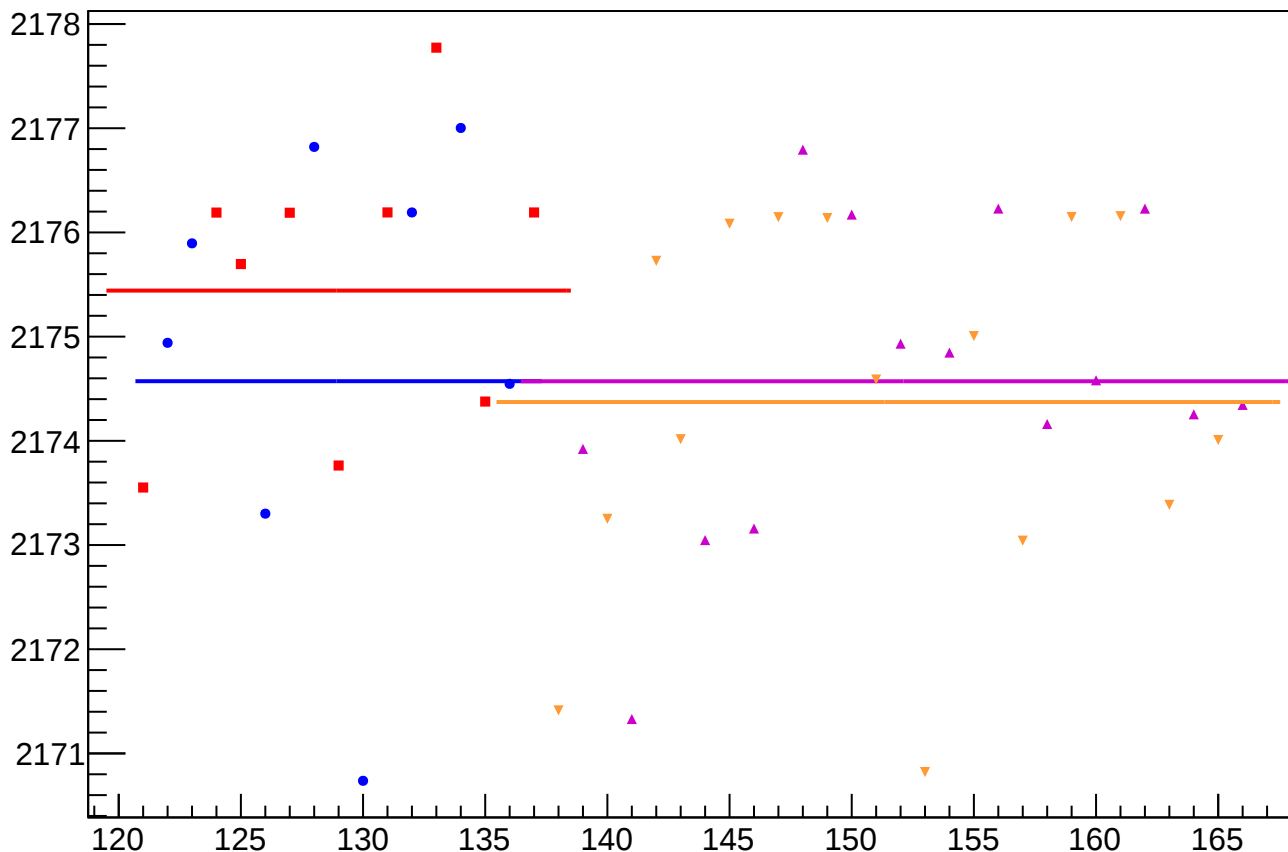
Left In: 88.021+/-0.000 χ^2/NDF : 4522432.3/13

+ sign 88.464+/-0.000 χ^2/NDF : 9935554629323342

All: 88.457+/-0.000 χ^2/NDF : 1927545002703

- sign 88.449+/-0.000 χ^2/NDF : 9338223835645334

HALLA_p_mean vs Slug



Right In: 2174.572 $\pm$ 0.000 χ^2/NDF : 1360264074026849381407550448074752.0/7

Left Out: 2174.372 $\pm$ 0.000 χ^2/NDF : 3502460640600259703272380412461056.0/14

Right Out: 2175.442 $\pm$ 0.000 χ^2/NDF : 610778445075790556034346524868608.0/8

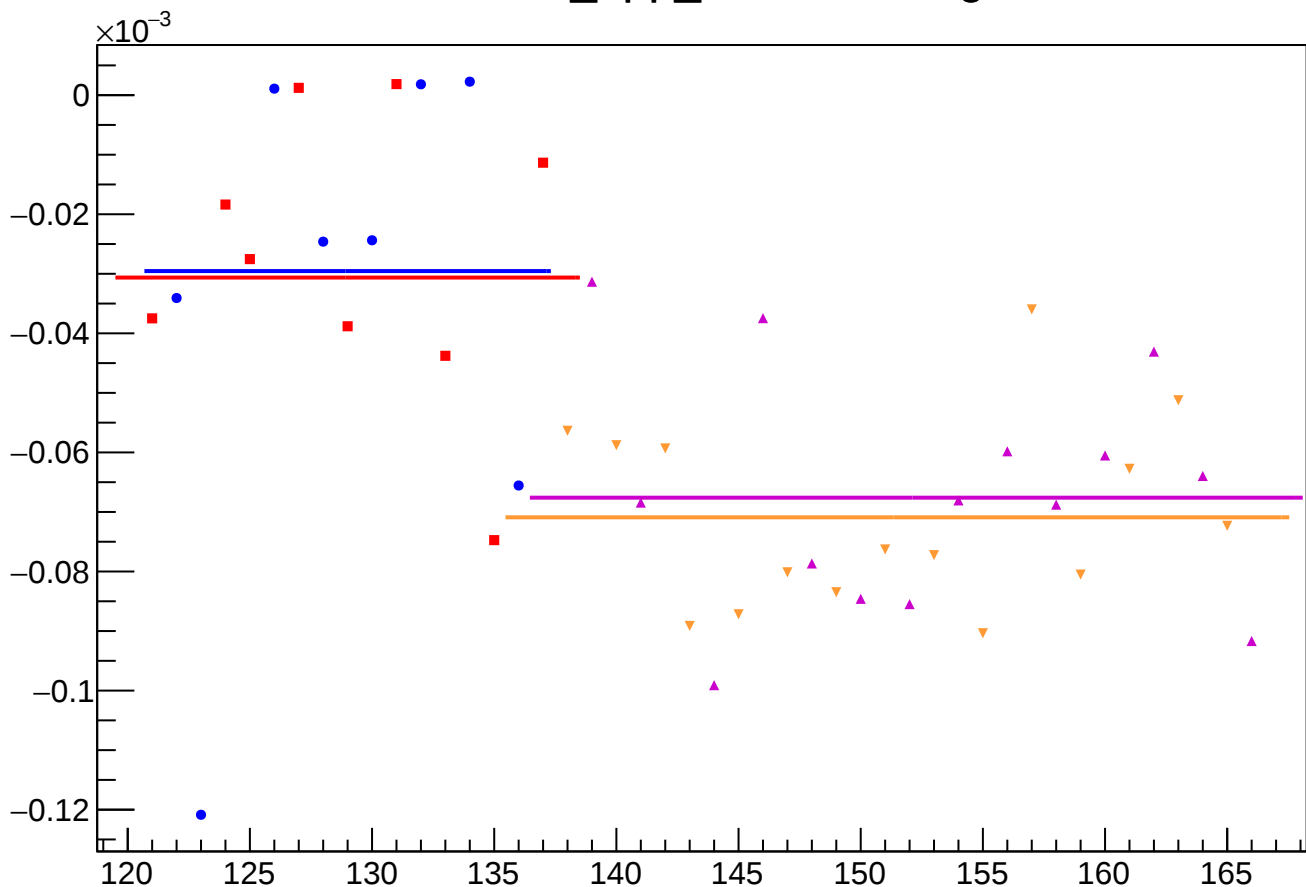
Left In: 2174.572 $\pm$ 0.000 χ^2/NDF : 2408987909442573848667115768250368.0/13

+ sign 2174.418 $\pm$ 0.000 χ^2/NDF : 48732711627059

All: 2174.588 $\pm$ 0.000 χ^2/NDF : 8169066448

- sign 2174.764 $\pm$ 0.000 χ^2/NDF : 32079120717007

HALLA_dpp_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 250161267307815387529216.0/7

Left Out: -0.000+/-0.000 χ^2 /NDF: 276932699209729350565888.0/14

Right Out: -0.000+/-0.000 χ^2 /NDF: 196732771178766734983168.0/8

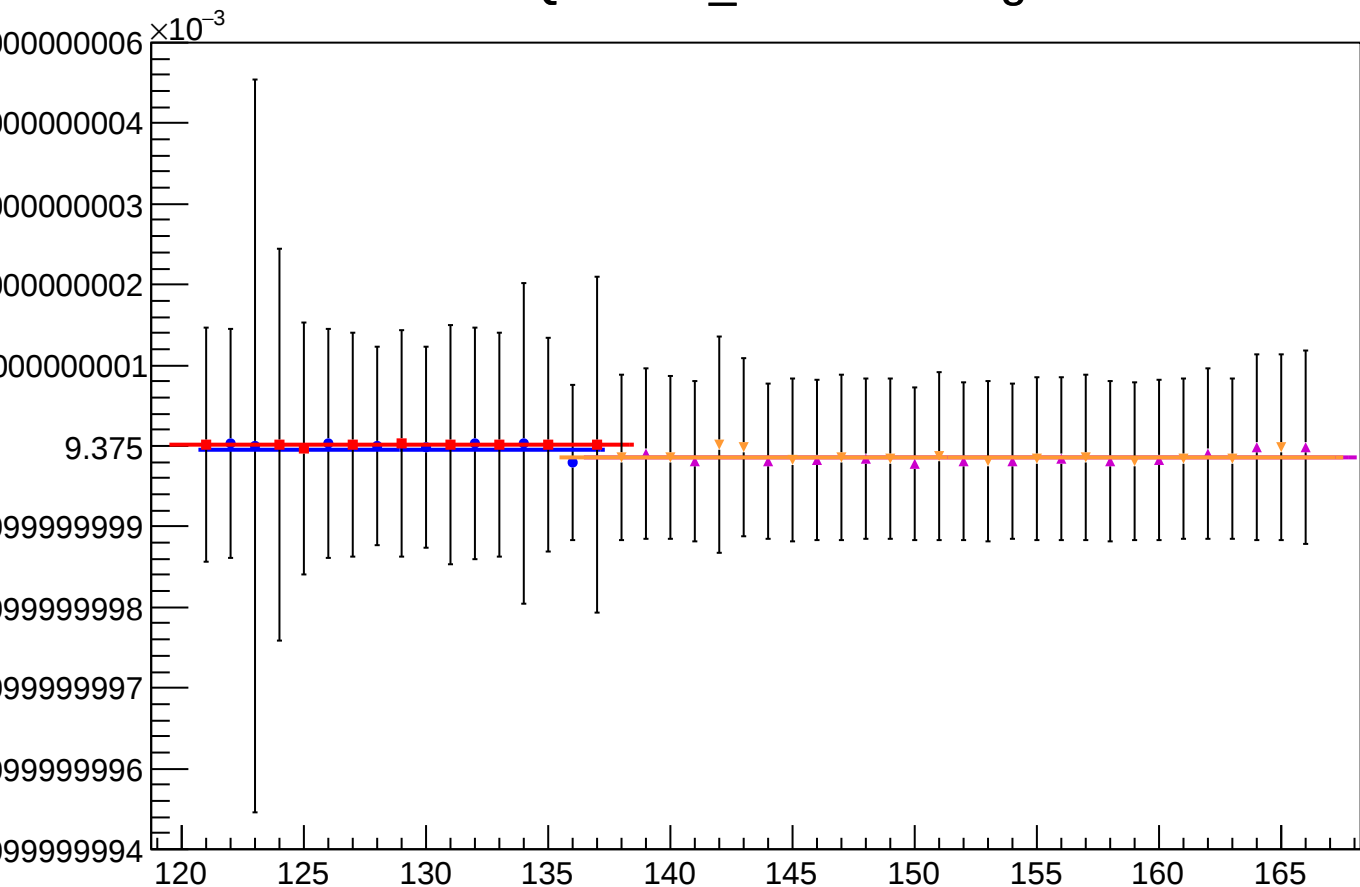
Left In: -0.000+/-0.000 χ^2 /NDF: 413512722798975721144320.0/13

+ sign -0.000+/-0.000 χ^2 /NDF: 9783050367918645

All: -0.000+/-0.000 χ^2 /NDF: 1931092861780

- sign -0.000+/-0.000 χ^2 /NDF: 94979551975457594

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 : 0.0/14

Right Out: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/8

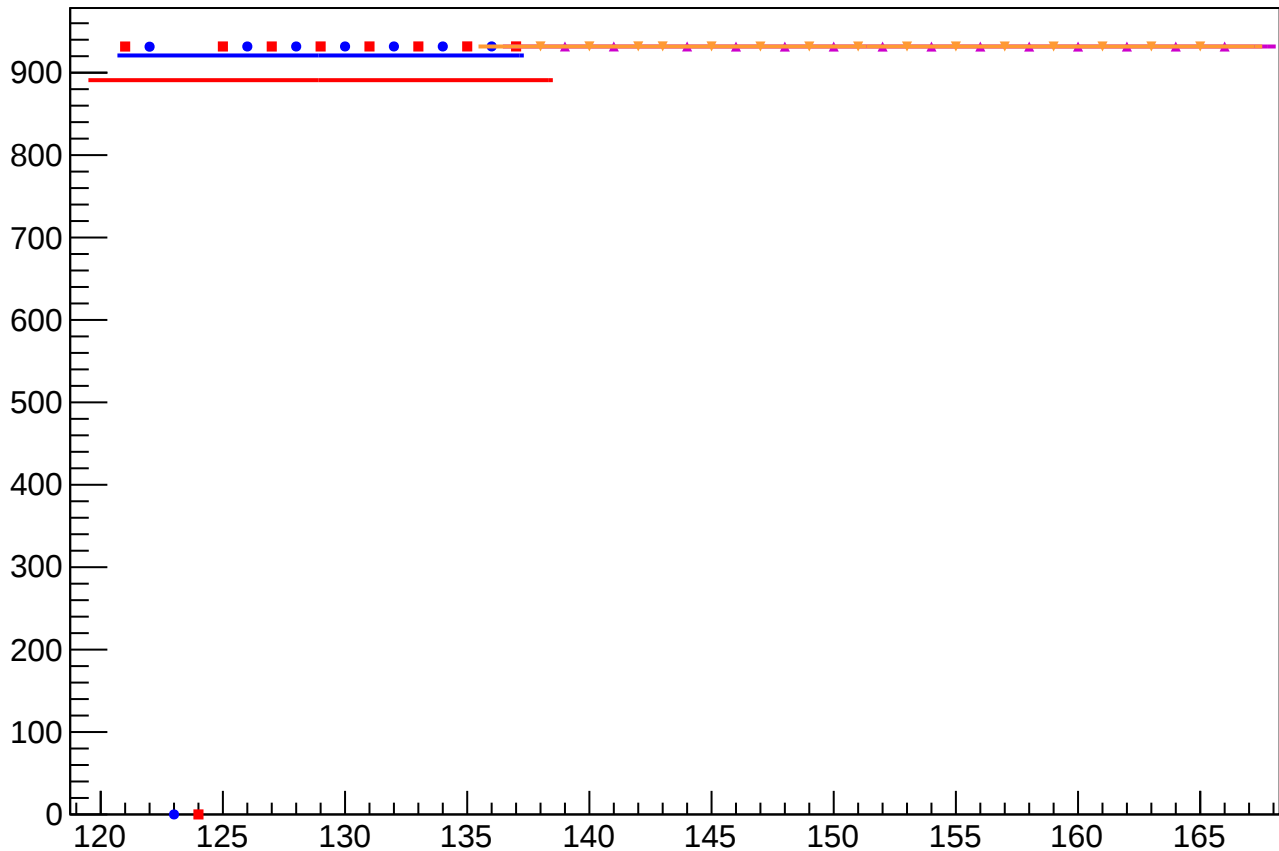
Left In: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/13

+ sign 0.009 $\pm$ 0.000 χ^2/NDF : 0.1/22

All: 0.009 $\pm$ 0.000 χ^2/NDF : 0.2/45

- sign 0.009 $\pm$ 0.000 χ^2/NDF : 0.1/22

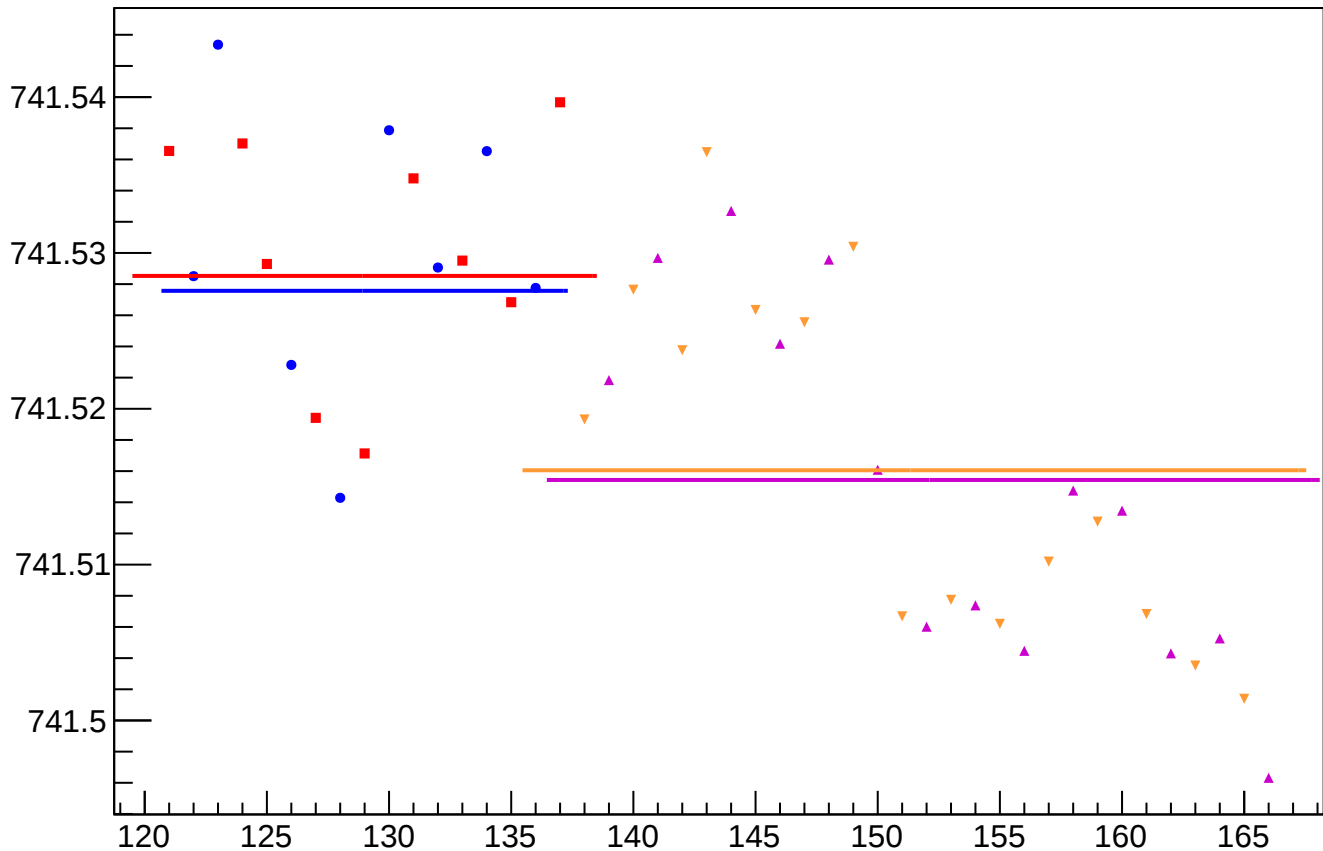
HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 920.898+/-0.000 χ^2/NDF : 34321288419518999861299566212080992256.0/7
 Left Out: 931.784+/-0.000 χ^2/NDF : 3826219975019818457229919518720.0/14
 Right Out: 890.923+/-0.000 χ^2/NDF : 11621671430114409722932854398744788992.0/8
 Left In: 931.772+/-0.000 χ^2/NDF : 3357244440596146657791202820096.0/13

+ sign 929.296+/-0.000 χ^2/NDF : 346339852866825
 All: 926.078+/-0.000 χ^2/NDF : 155312427850
 - sign 922.742+/-0.000 χ^2/NDF : 120362964266091

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.528 $\pm$ 0.000 χ^2 /NDF: 18896144326732419810052800512.0/7

Left Out: 741.516 $\pm$ 0.000 χ^2 /NDF: 133094399031645943234702606336.0/14

Right Out: 741.529 $\pm$ 0.000 χ^2 /NDF: 16580353917842624420385914880.0/8

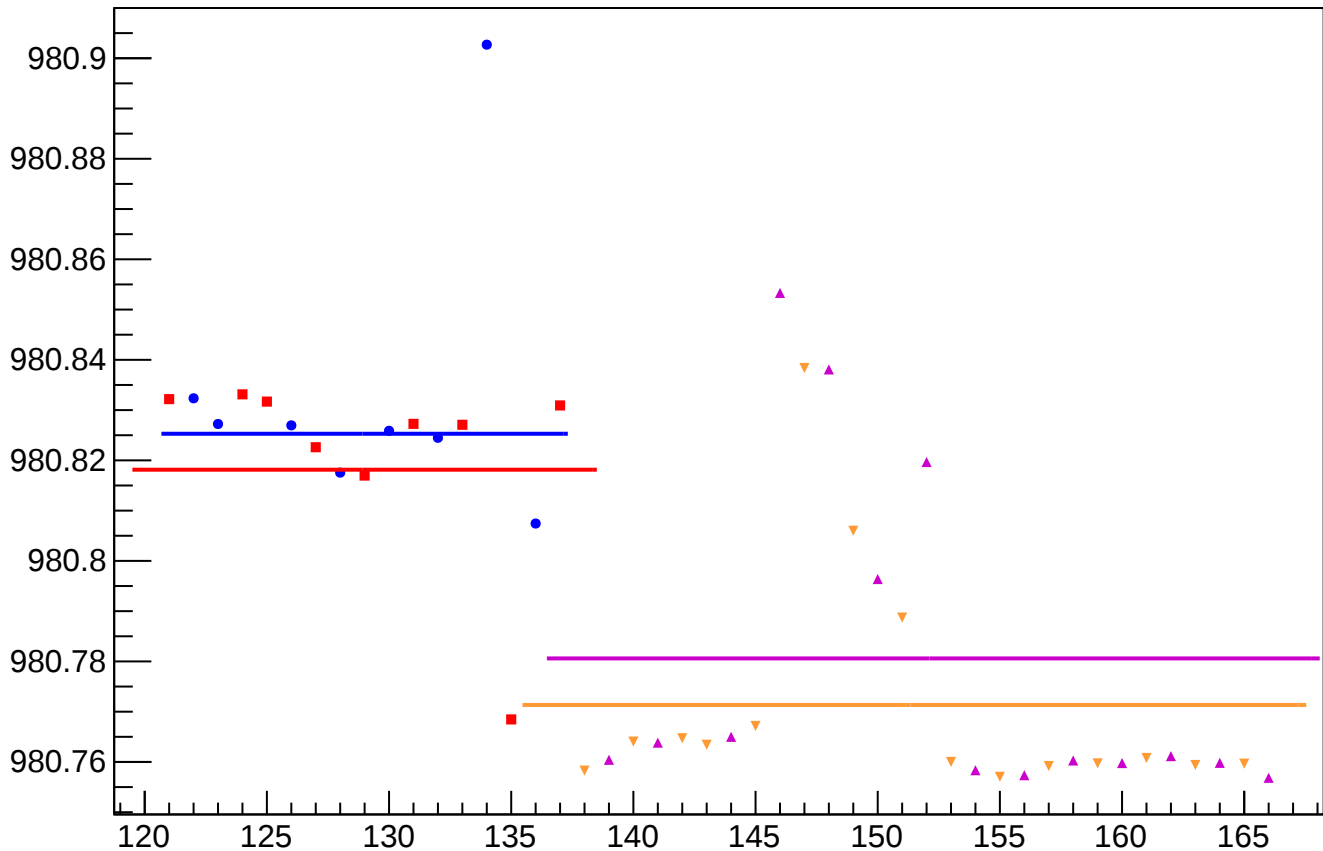
Left In: 741.515 $\pm$ 0.000 χ^2 /NDF: 130218875183961132568250679296.0/13

+ sign 741.519 $\pm$ 0.000 χ^2 /NDF: 186968049948830

All: 741.519 $\pm$ 0.000 χ^2 /NDF: 376466087113

- sign 741.518 $\pm$ 0.000 χ^2 /NDF: 189402588669105

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.825 $\pm$ 0.000 χ^2 /NDF: 159345321268745350954763681792.0/7

Left Out: 980.771 $\pm$ 0.000 χ^2 /NDF: 580359735877457119996347940864.0/14

Right Out: 980.818 $\pm$ 0.000 χ^2 /NDF: 143689912167528137563261894656.0/8

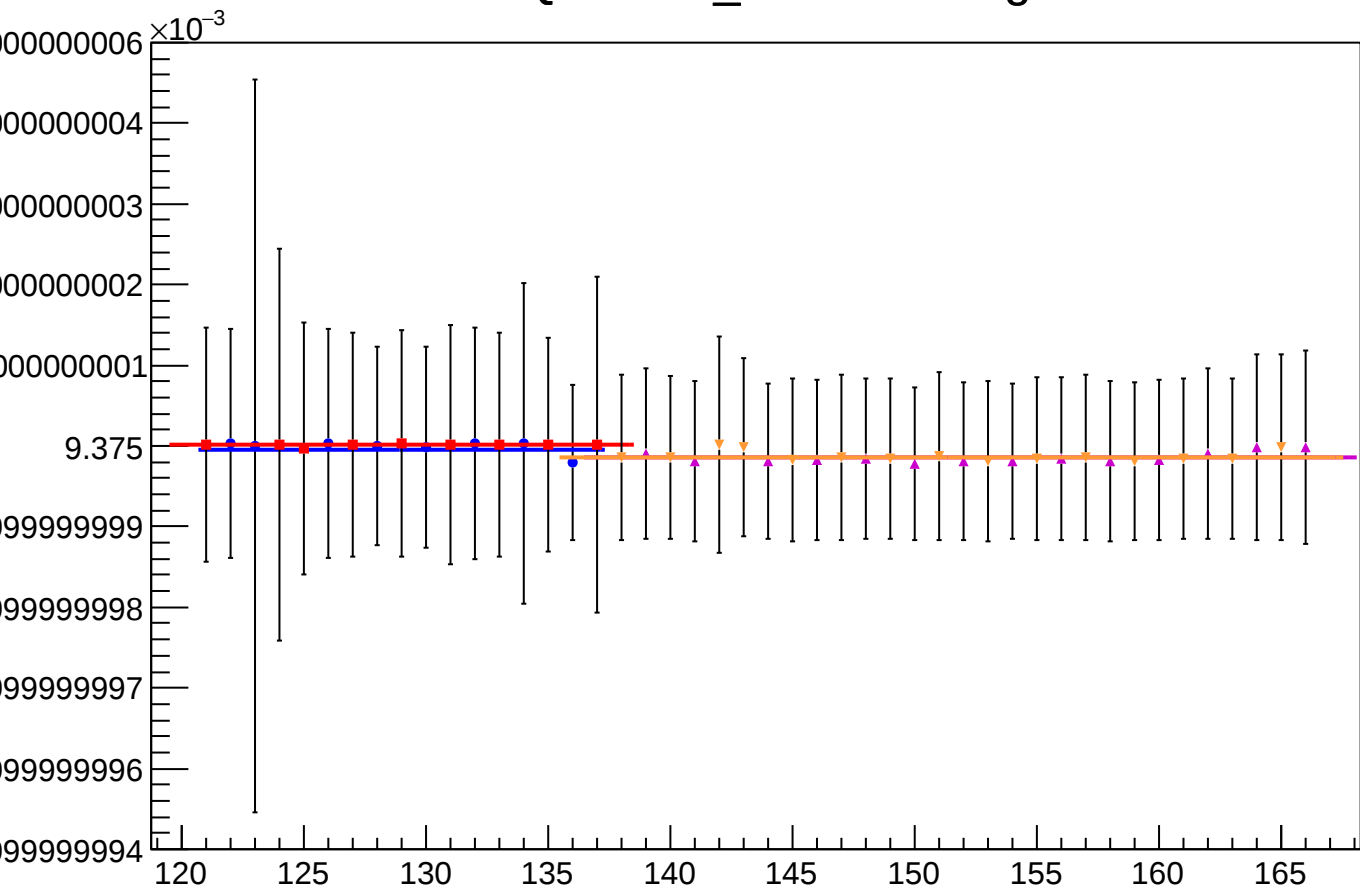
Left In: 980.781 $\pm$ 0.000 χ^2 /NDF: 1193336000100941127090083725312.0/13

+ sign 980.784 $\pm$ 0.000 χ^2 /NDF: 150775921375238

All: 980.786 $\pm$ 0.000 χ^2 /NDF: 321509293874

- sign 980.789 $\pm$ 0.000 χ^2 /NDF: 168727779502340

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:0.0/14

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

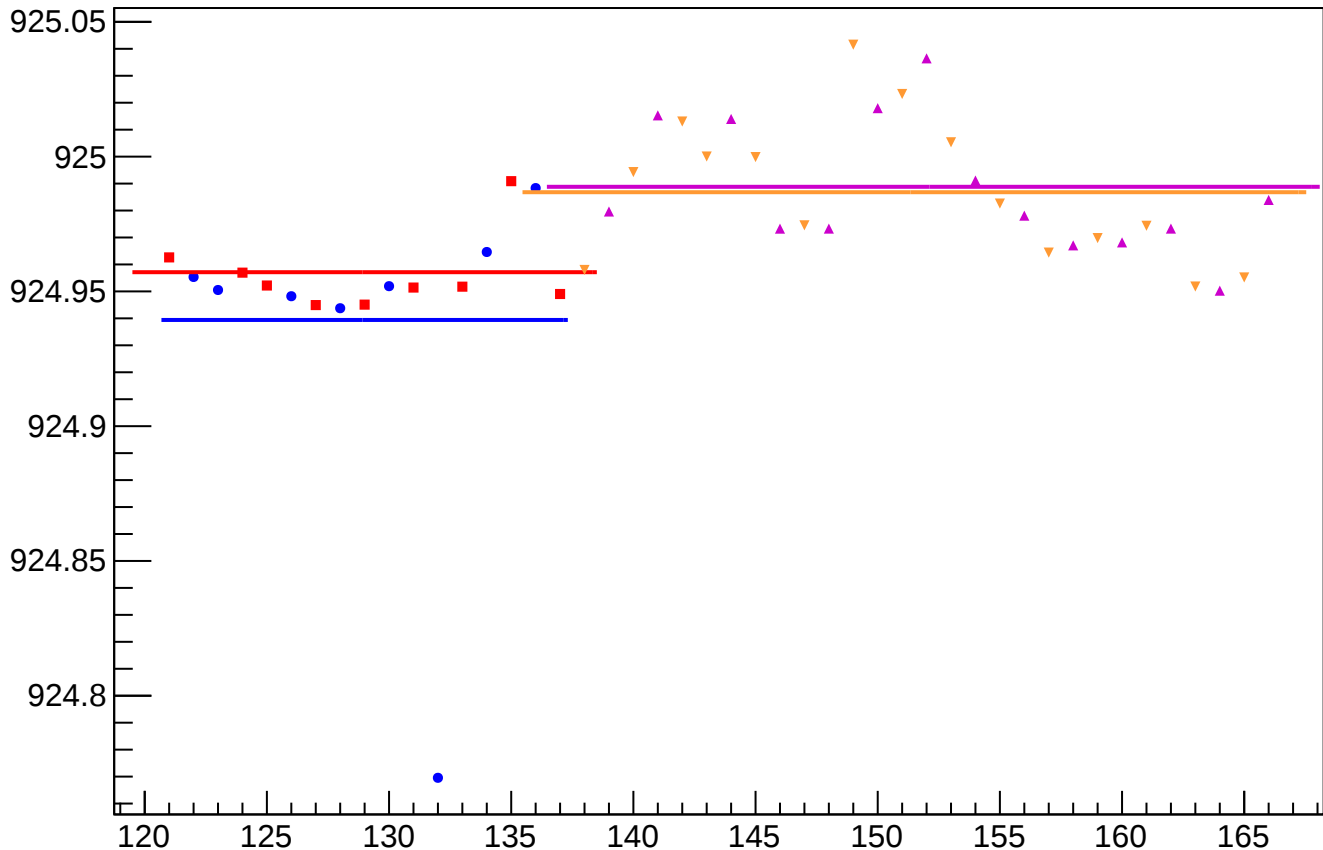
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/13

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/22

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.2/45

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/22

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.939+/-0.000

χ^2/NDF : 1401458495809517406218388242432.0/7

Left Out: 924.987+/-0.000

χ^2/NDF : 765533985745865764349704929280.0/14

Right Out: 924.957+/-0.000

χ^2/NDF : 71808709366506786060310151168.0/8

Left In: 924.989+/-0.000

χ^2/NDF : 633840651222450262886919962624.0/13

+ sign 924.976+/-0.000

χ^2/NDF : 275955015914756

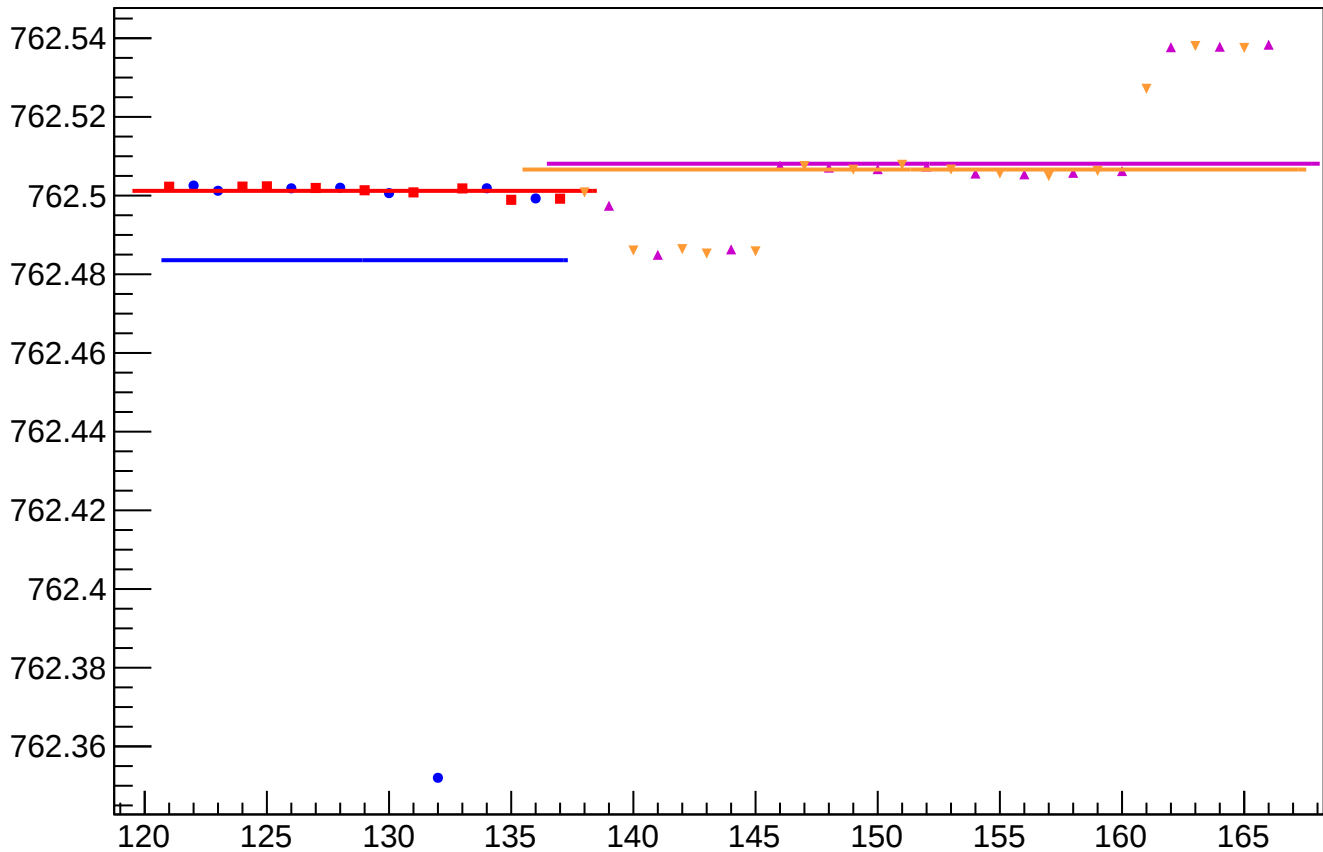
All: 924.979+/-0.000

χ^2/NDF : 373965165913

- sign 924.982+/-0.000

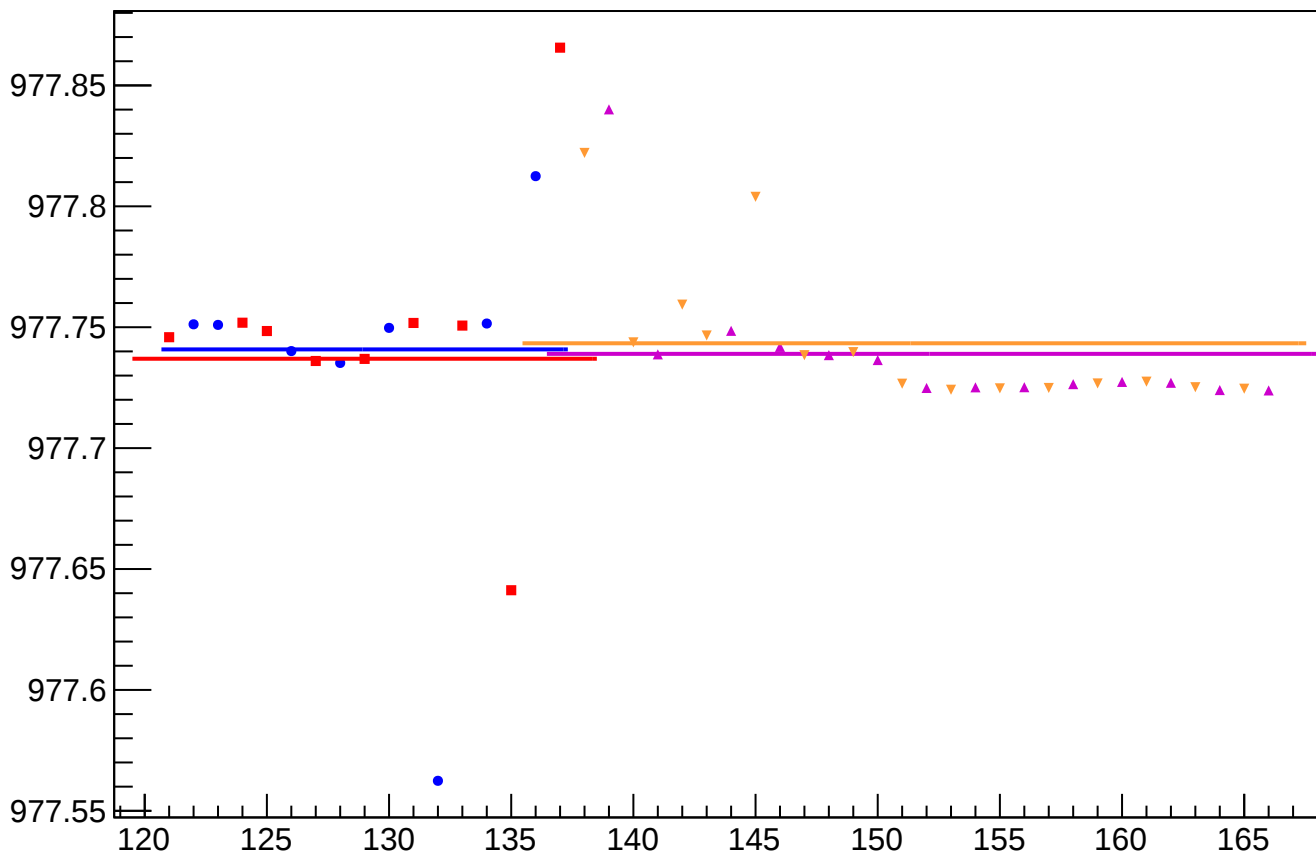
χ^2/NDF : 955062988967282

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 762.484+/-0.000 χ^2/NDF : 784430761251084401798891438080.0/7
 Left Out: 762.507+/-0.000 χ^2/NDF : 299730013955114234869438218240.0/14
 Right Out: 762.501+/-0.000 χ^2/NDF : 469794702848036819563446272.0/8
 Left In: 762.508+/-0.000 χ^2/NDF : 271193411686777871805072801792.0/13

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.741+/-0.000 χ^2/NDF : 1738104571804792841781326643200.0/7

Left Out: 977.743+/-0.000 χ^2/NDF : 998548891295606874546123046912.0/14

Right Out: 977.737+/-0.000 χ^2/NDF : 772313054358211830610902646784.0/8

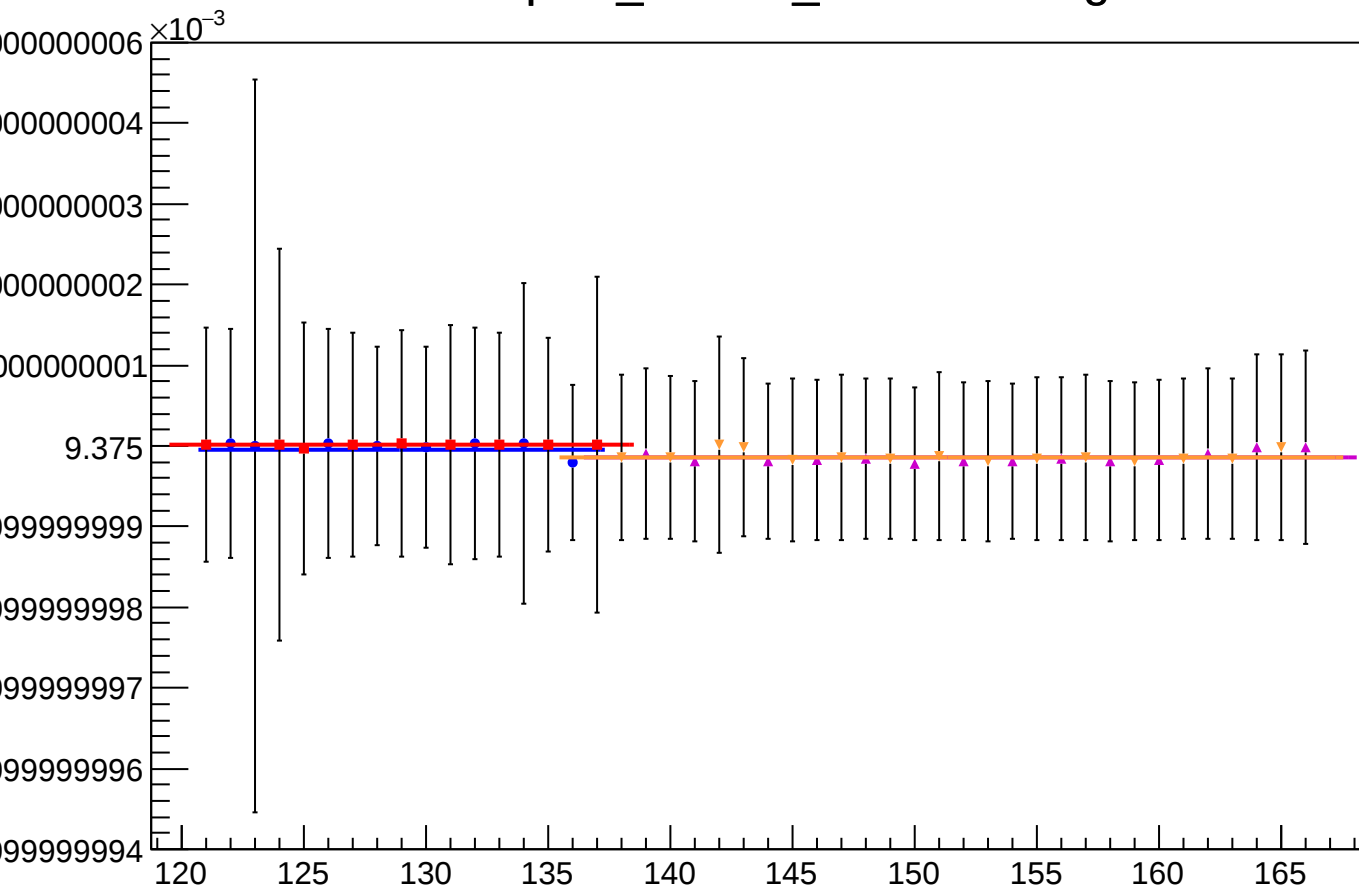
Left In: 977.739+/-0.000 χ^2/NDF : 877741285834028526786351988736.0/13

+ sign 977.743+/-0.000 χ^2/NDF : 273833927607409

All: 977.741+/-0.000 χ^2/NDF : 440262441565

- sign 977.739+/-0.000 χ^2/NDF : 165106665522455

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:0.0/14

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

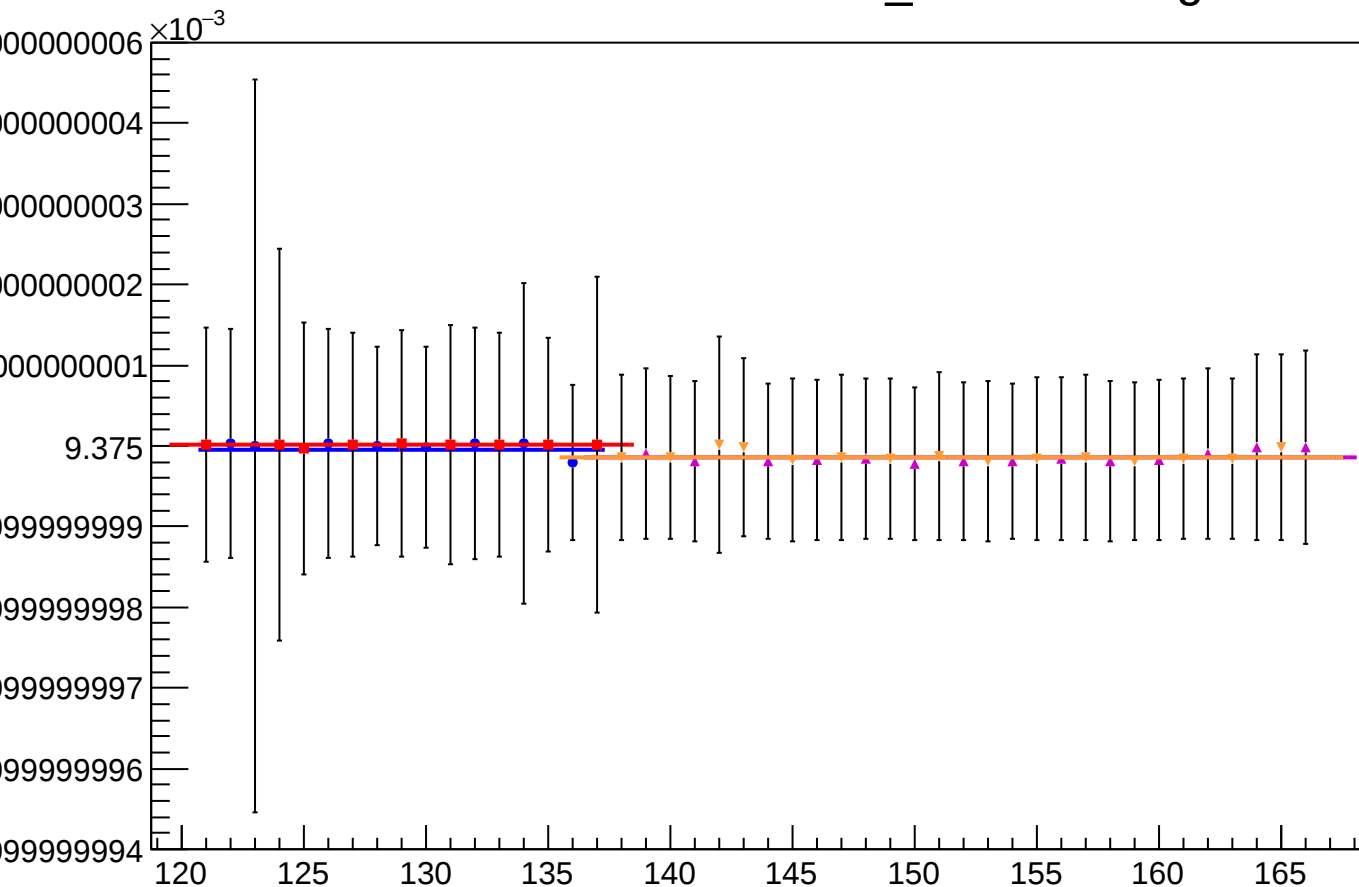
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/13

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/22

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.2/45

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/22

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: 0.0/14

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

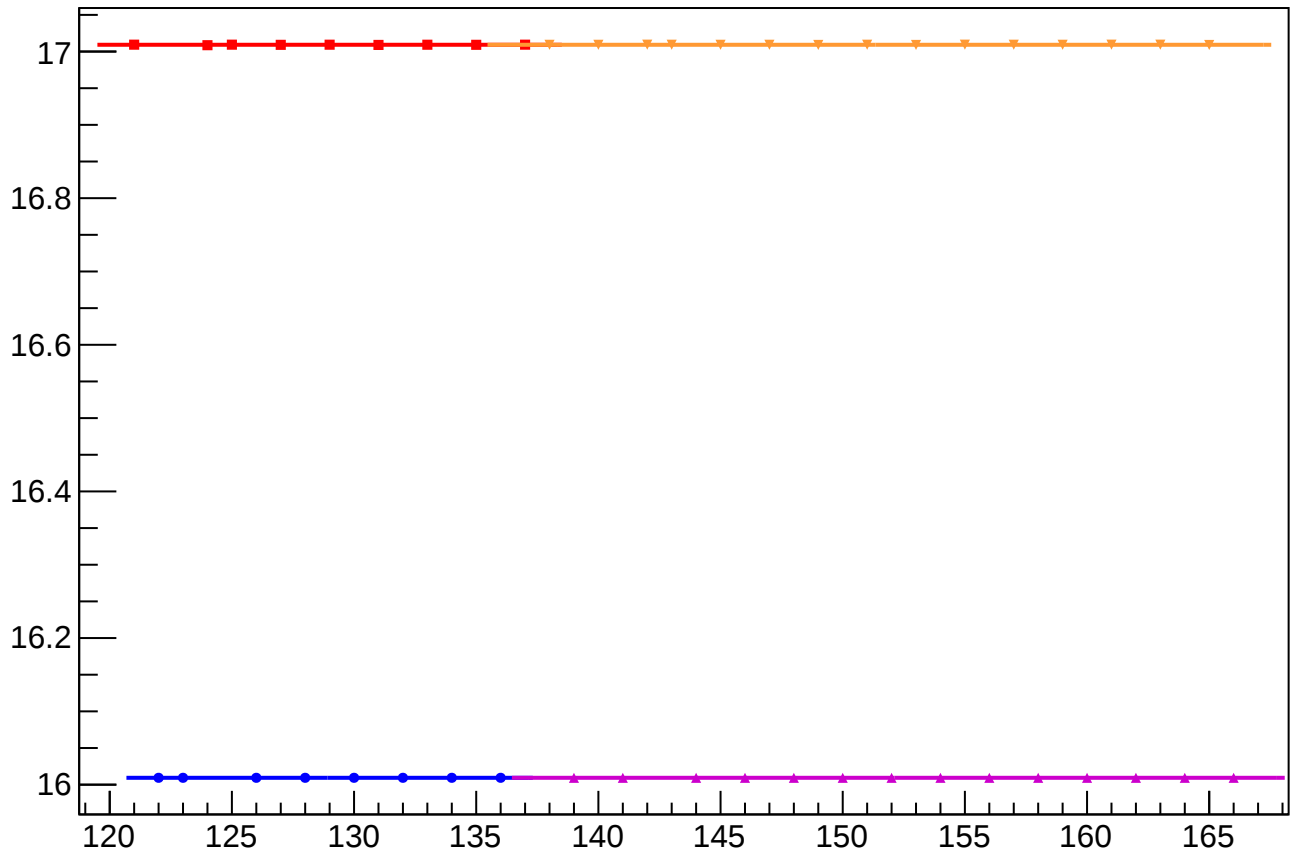
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/22

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.2/45

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/22

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009 $\pm$ 0.000 χ^2/NDF : 30506.8/7

Left Out: 17.009 $\pm$ 0.000 χ^2/NDF : 17853581418386257445126144.0/14

+ sign 16.778 $\pm$ 0.000 χ^2/NDF : 2428816799236407

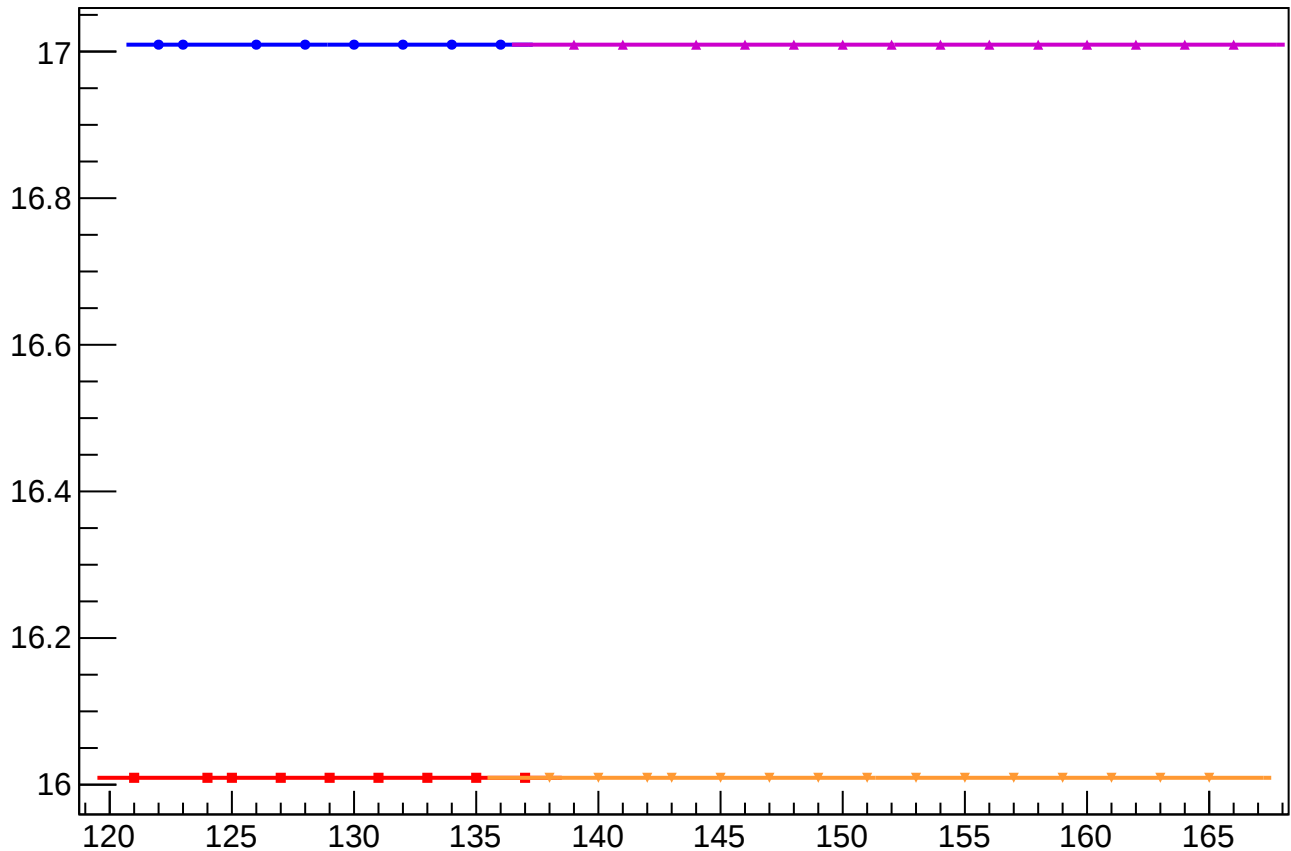
Right Out: 17.009 $\pm$ 0.000 χ^2/NDF : 8333578329558812540796928.0/8

All: 16.507 $\pm$ 0.000 χ^2/NDF : 6790443721289

- sign 16.233 $\pm$ 0.000 χ^2/NDF : 2343784199833455

Left In: 16.009 $\pm$ 0.000 χ^2/NDF : 52847.4/13

IGL1I00OD16_16_mean vs Slug



Right In: 17.009+/-0.000 χ^2/NDF : 76109.3/7

Left Out: 16.009+/-0.000 χ^2/NDF : 48985.1/14

Right Out: 16.009+/-0.000 χ^2/NDF : 17859.8/8

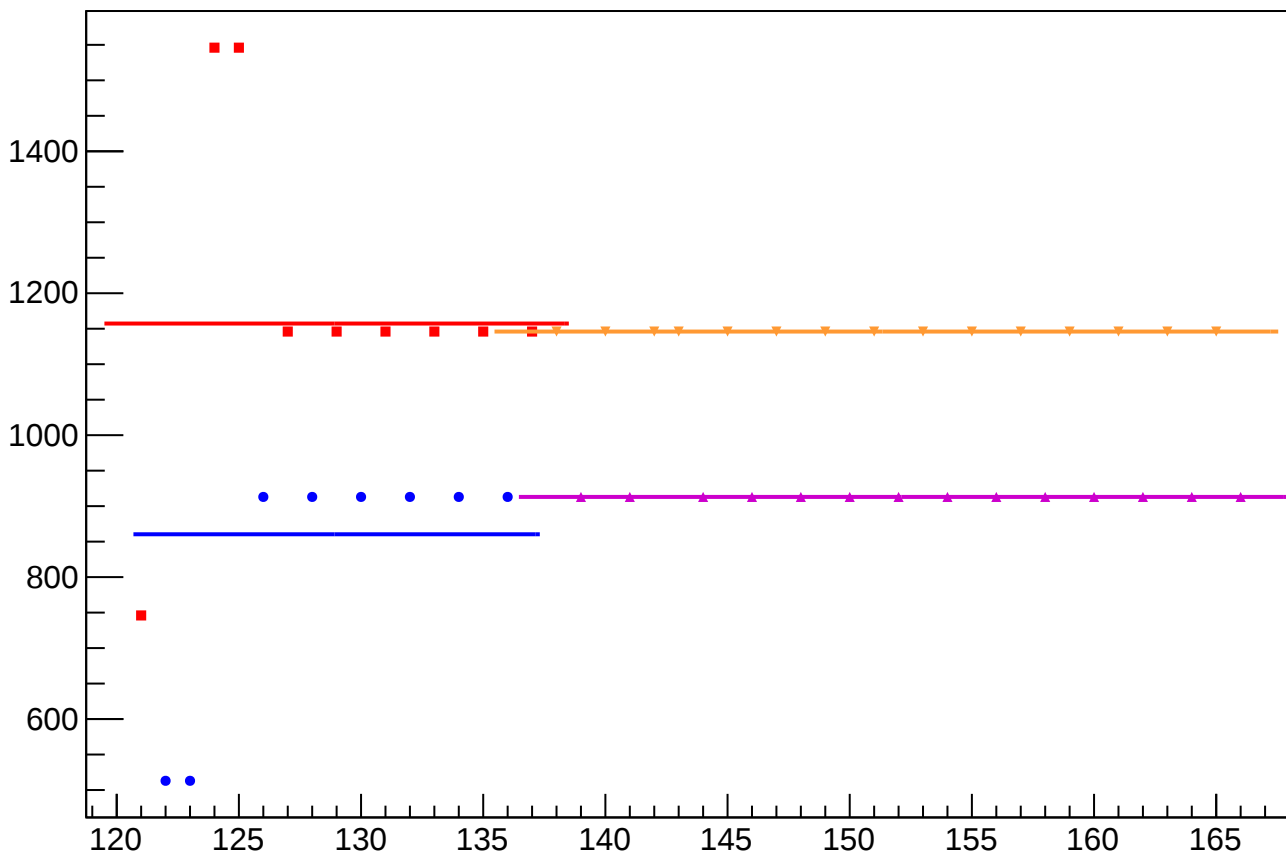
Left In: 17.009+/-0.000 χ^2/NDF : 35391.5/13

+ sign 16.239+/-0.000 χ^2/NDF : 2633951612903181

All: 16.506+/-0.000 χ^2/NDF : 7277189969082

- sign 16.785+/-0.000 χ^2/NDF : 2474884047786145

RTPAPOSUCNT_mean vs Slug



Right In: 860.361+/-0.000 χ^2/NDF : 6252693455178703850651720460594577408.0/7

Left Out: 1146.011+/-0.000 χ^2/NDF : 3918047324799022754477113344.0/14

Right Out: 1157.295+/-0.000 χ^2/NDF : 13880040120623316310083946144856014848.0/8

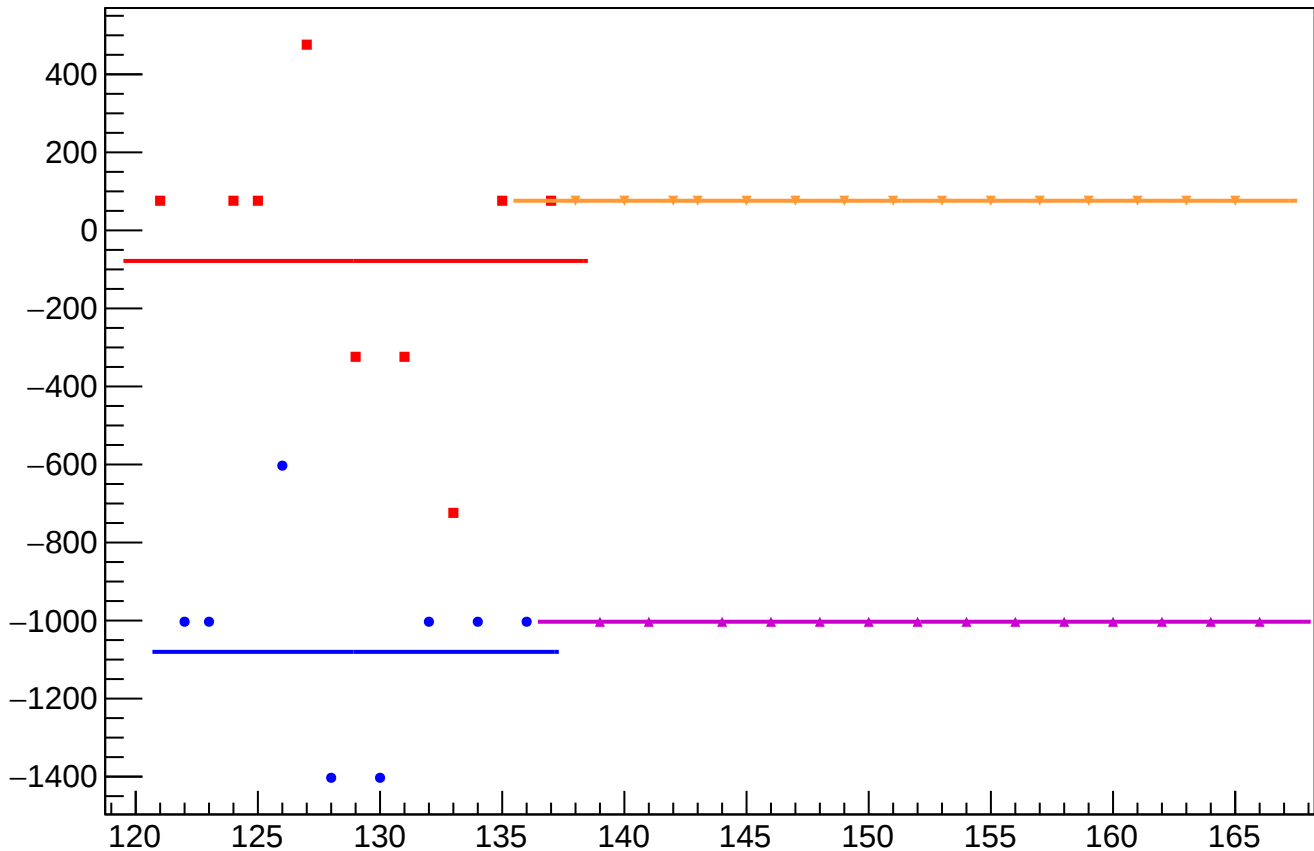
Left In: 912.994+/-0.000 χ^2/NDF : 18026753087333076722211880960.0/13

All: 1024.880+/-0.000 χ^2/NDF : 65985772153

+ sign 1080.709+/-0.000 χ^2/NDF : 27779019093137

- sign 967.001+/-0.000 χ^2/NDF : 287099843761704

RTPAPOSVCNT_mean vs Slug



Right In: -1080.182 ± 0.000 χ^2/NDF : 21641787691490496475350584298794123264.0/7
 Left Out: 76.011 ± 0.000 χ^2/NDF : 9014254262183120005899485184.0/14
 Right Out: -78.224 ± 0.000 χ^2/NDF : 39611265375063350144036471826150326272.0/8
 Left In: -1002.990 ± 0.000 χ^2/NDF : 1826673319341216381683105792.0/13
 All: -487.928 ± 0.000 χ^2/NDF : 89994891086
 + sign -188.306 ± 0.000 χ^2/NDF : 37430569513724
 - sign -798.554 ± 0.000 χ^2/NDF : 252108787259384