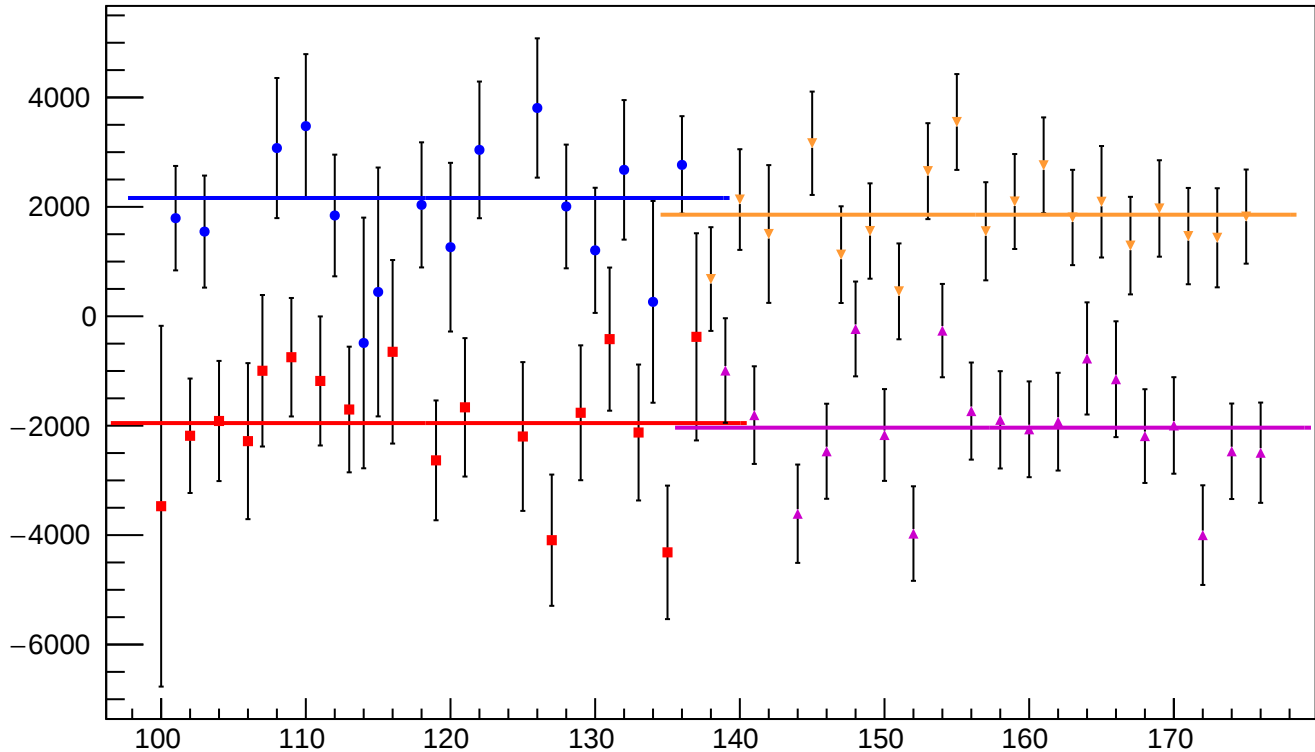


reg_asym_us_avg_mean vs Slug



Right In: 2162.311+/-307.312

χ^2/NDF : 8.9/15

Left Out: 1856.887+/-208.020

χ^2/NDF : 13.7/18

Right Out: -1952.148+/-300.581

χ^2/NDF : 12.6/17

Left In: -2036.228+/-205.550

χ^2/NDF : 25.8/18

+ sign 1952.858+/-172.265

χ^2/NDF : 23.3/34

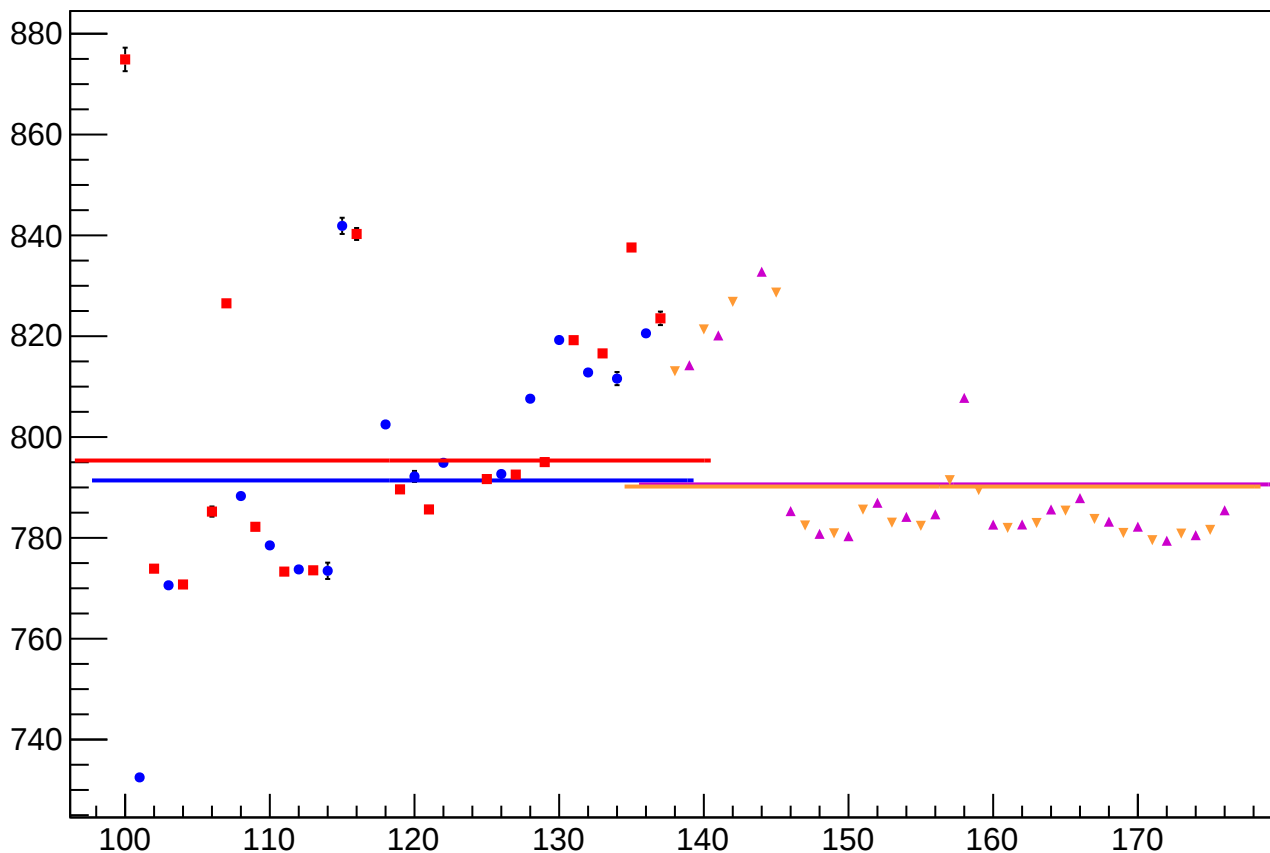
All: -58.349+/-120.882

χ^2/NDF : 330.3/71

- sign -2009.438+/-169.671

χ^2/NDF : 38.5/36

reg_asym_us_avg_rms vs Slug



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

Left Out: 790.182 $\pm$ 0.147 χ^2 /NDF:10582.3/18

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

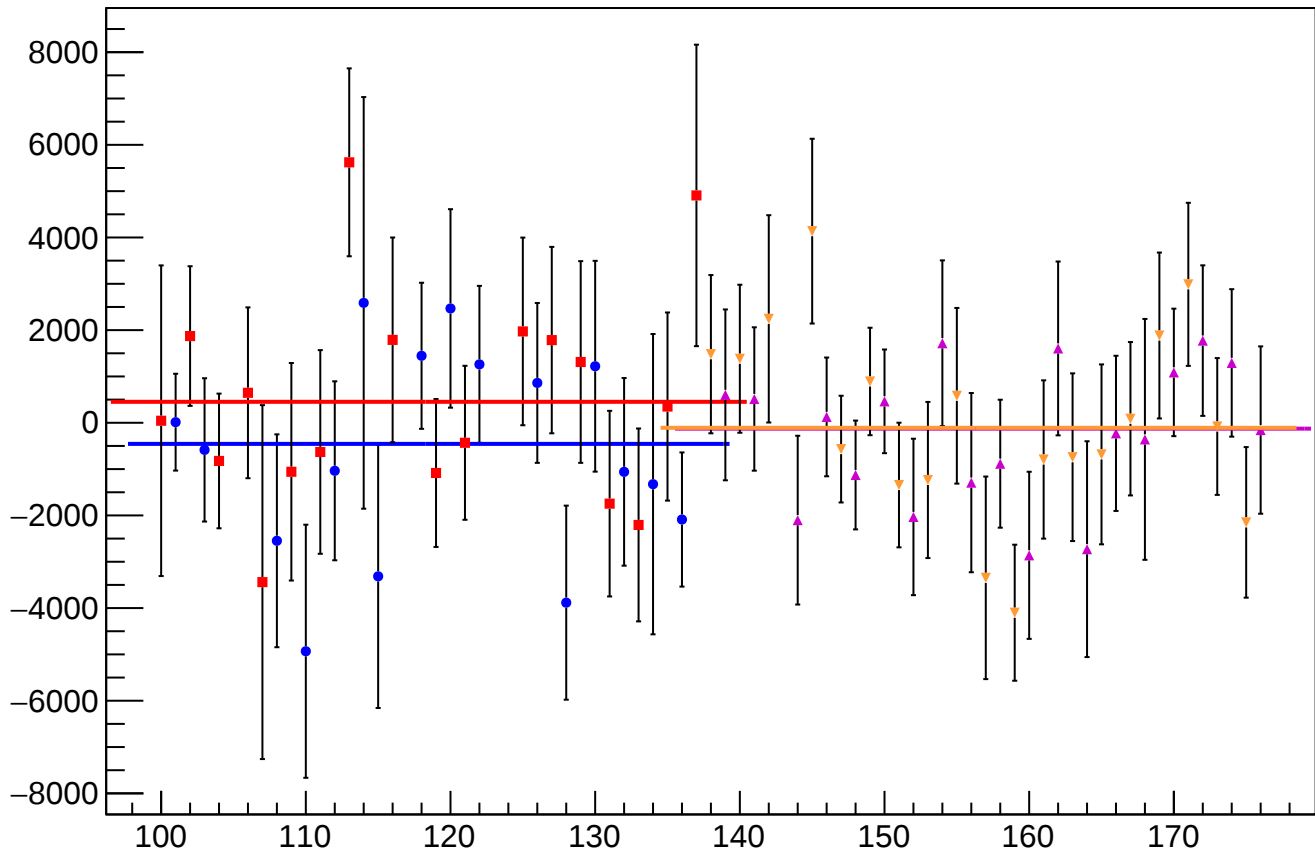
Left In: 790.603 $\pm$ 0.145 χ^2 /NDF:10779.7/18

+ sign 790.562 $\pm$ 0.122 χ^2 /NDF: 25611.8/34

All: 791.349 $\pm$ 0.085 χ^2 /NDF: 48372.9/71

- sign 792.114 $\pm$ 0.120 χ^2 /NDF: 22678.7/36

asym_us_avg_correction_mean vs Slug



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

Left Out: -108.502+/-370.405 χ^2/NDF : 25.6/18

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

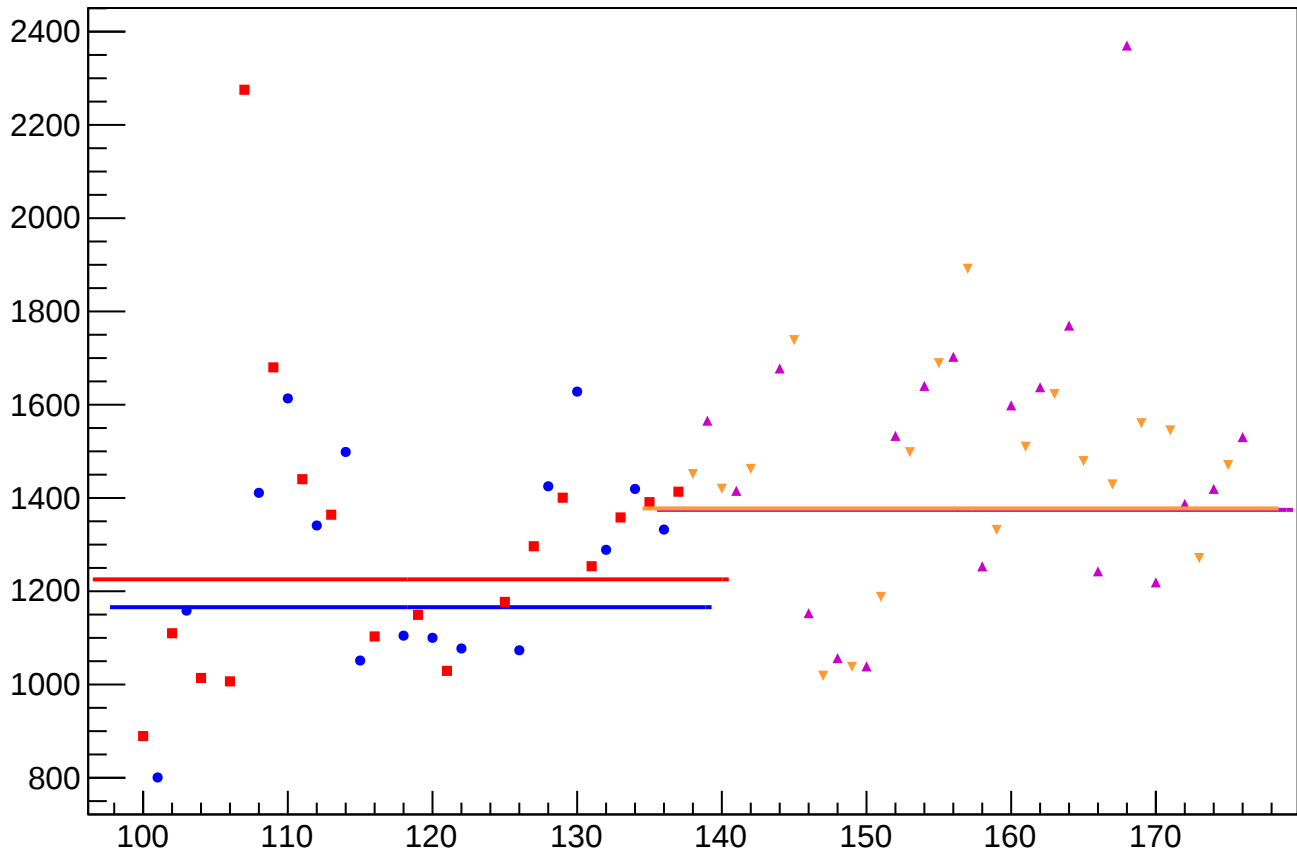
Left In: -126.702+/-365.440 χ^2/NDF : 12.9/18

+ sign -243.548+/-289.536 χ^2/NDF : 40.8/34

All: -76.545+/-204.589 χ^2/NDF : 72.6/71

- sign 89.990+/-289.130 χ^2/NDF : 31.2/36

asym_us_avg_correction_rms vs Slug



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

Left Out: 1377.609 $\pm$ 0.262 χ^2 /NDF: 767516.7/18

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

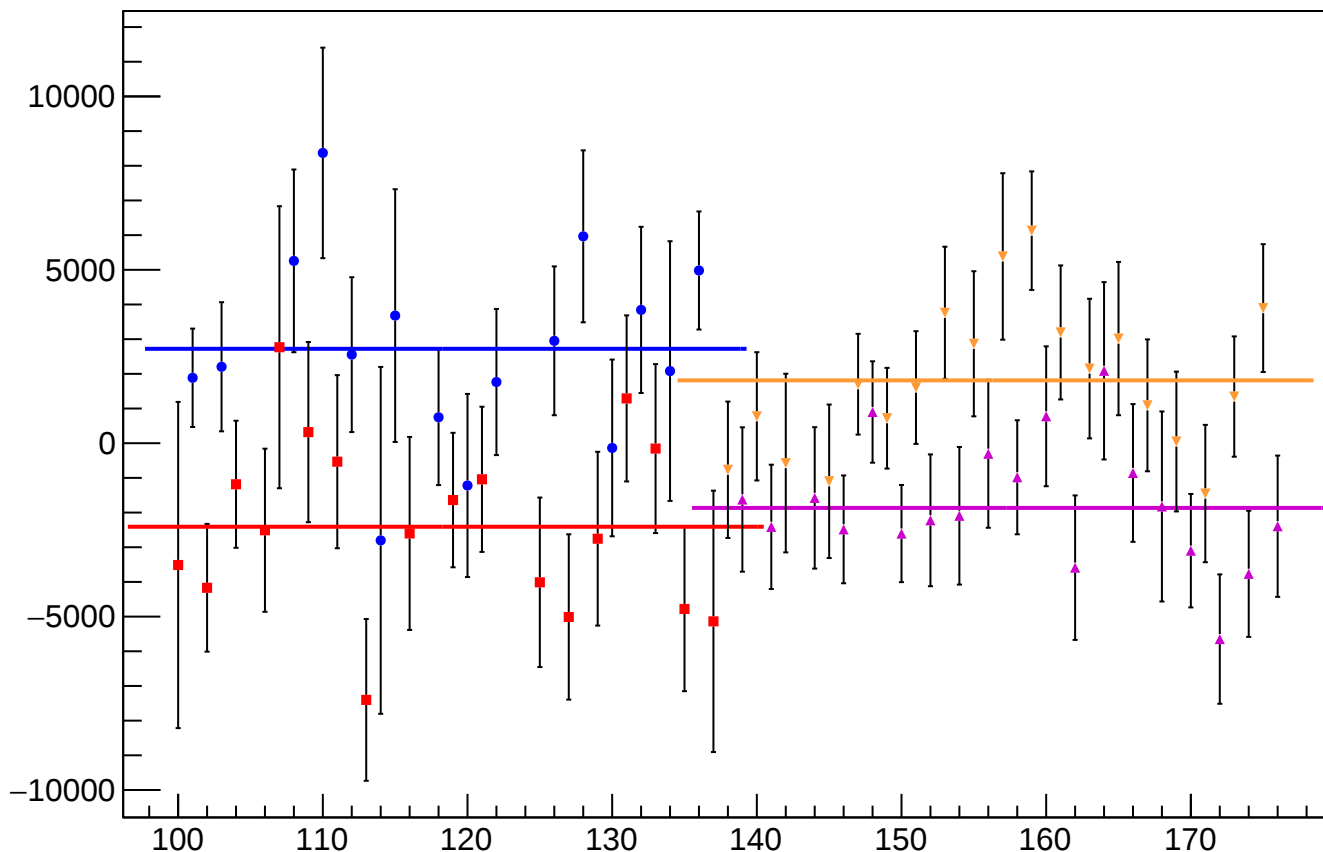
Left In: 1374.472 $\pm$ 0.258 χ^2 /NDF: 1074696.0/18

+ sign 1295.223 $\pm$ 0.205 χ^2 /NDF: 1548678.9/34

All: 1306.994 $\pm$ 0.145 χ^2 /NDF: 3194797.3/71

- sign 1318.733 $\pm$ 0.204 χ^2 /NDF: 1639515.6/36

asym_us_avg_mean vs Slug



Right In: 2722.309+/-567.154 χ^2/NDF : 14.6/15

Left Out: 1811.304+/-431.300 χ^2/NDF : 20.9/18

Right Out: -2408.446+/-568.977 χ^2/NDF : 16.3/17

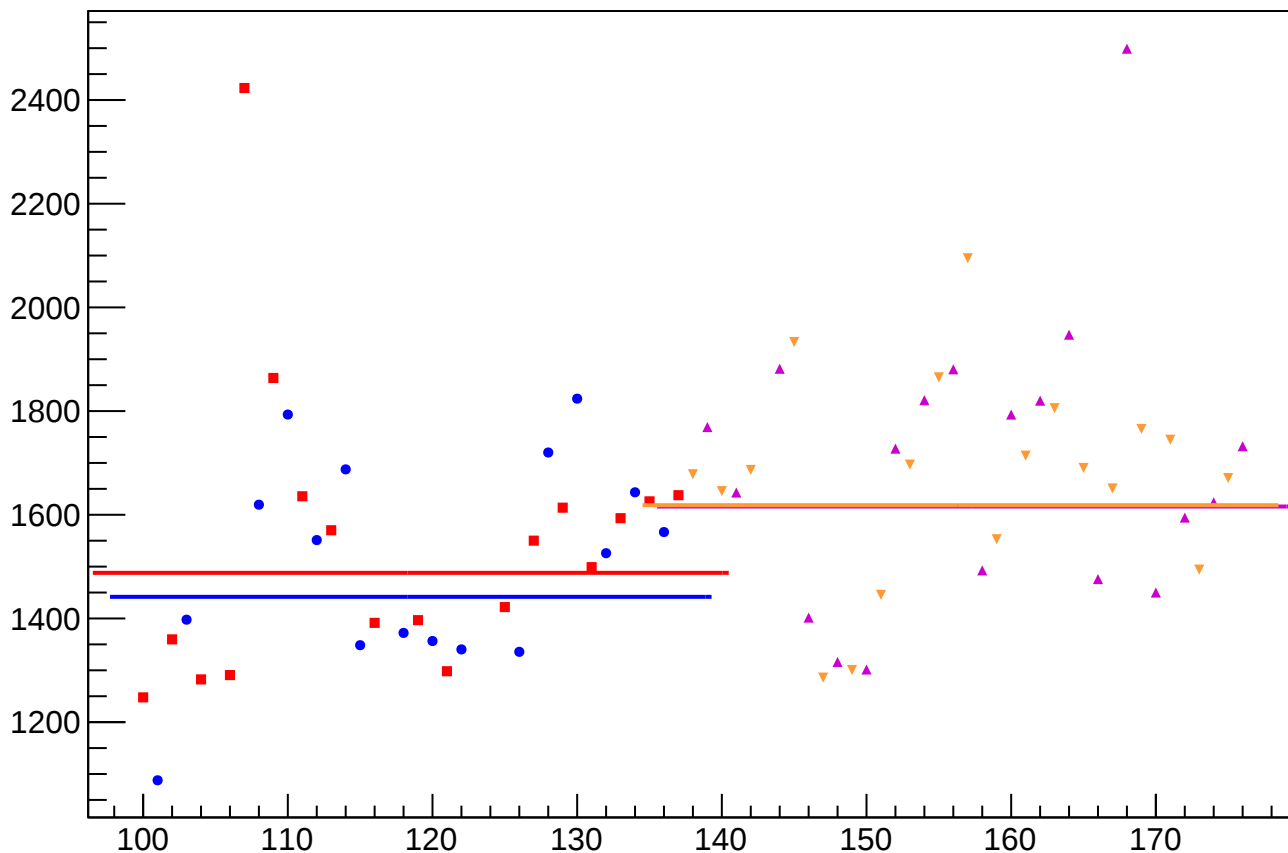
Left In: -1865.959+/-425.831 χ^2/NDF : 15.9/18

+ sign 2145.104+/-343.308 χ^2/NDF : 37.1/34

All: 27.536+/-241.908 χ^2/NDF : 145.4/71

- sign -2060.725+/-340.924 χ^2/NDF : 32.8/36

asym_us_avg_rms vs Slug



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

Left Out: 1618.509+/-0.305 χ^2/NDF : 435897.5/18

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

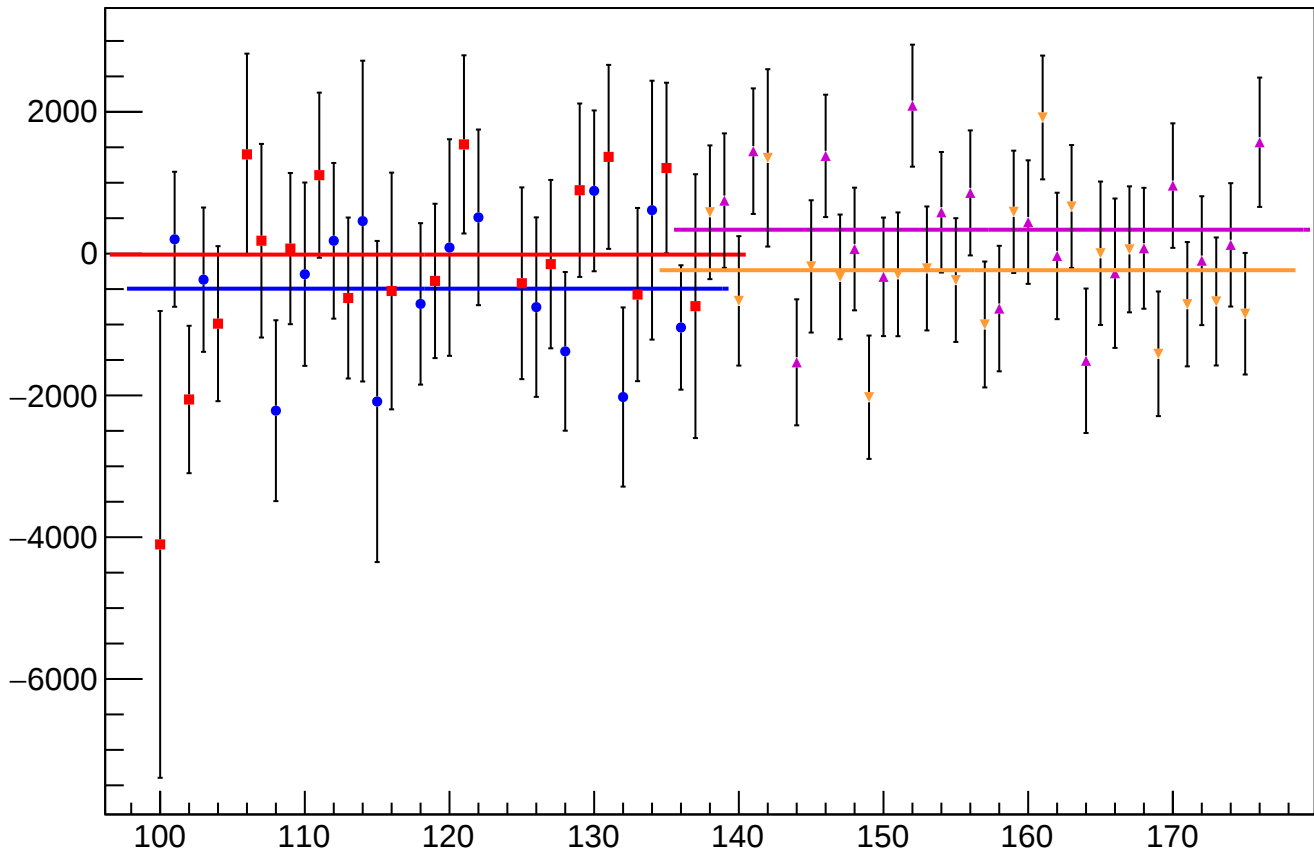
Left In: 1615.917+/-0.301 χ^2/NDF : 651815.4/18

+ sign 1553.732+/-0.243 χ^2/NDF : 834925.3/34

All: 1561.923+/-0.171 χ^2/NDF : 1809911.4/71

- sign 1570.001+/-0.241 χ^2/NDF : 972724.7/36

reg_asym_us_dd_mean vs Slug



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

Left Out: -233.802+/-206.999 χ^2/NDF : 18.7/18

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

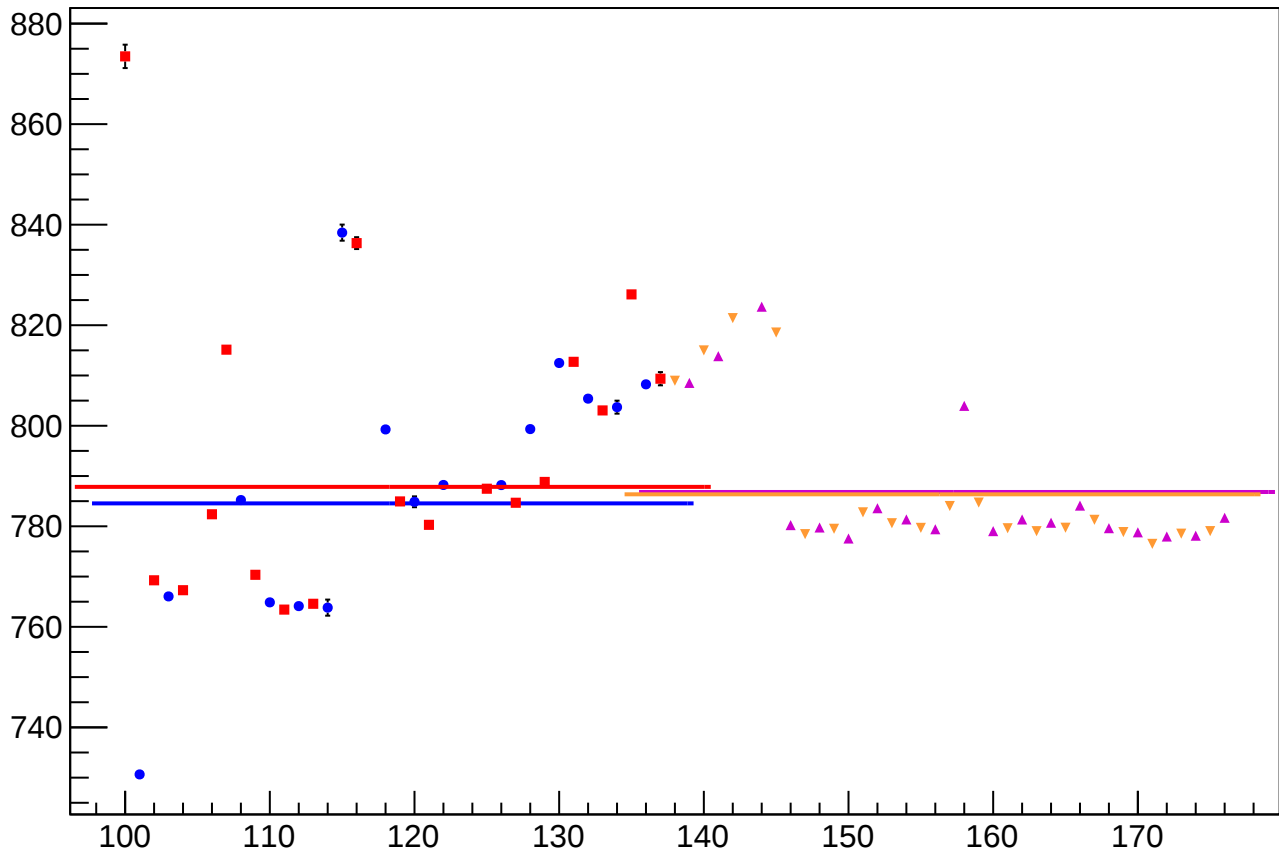
Left In: 337.469+/-204.559 χ^2/NDF : 21.0/18

+ sign -316.059+/-171.215 χ^2/NDF : 27.8/34

All: -41.408+/-120.132 χ^2/NDF : 68.3/71

- sign 224.921+/-168.601 χ^2/NDF : 35.3/36

reg_asym_us_dd_rms vs Slug



Right In: 784.558 $\pm$ 0.215 χ^2 /NDF: 13677.7/15

Left Out: 786.363 $\pm$ 0.146 χ^2 /NDF: 8717.5/18

Right Out: 787.844 $\pm$ 0.211 χ^2 /NDF: 10909.0/17

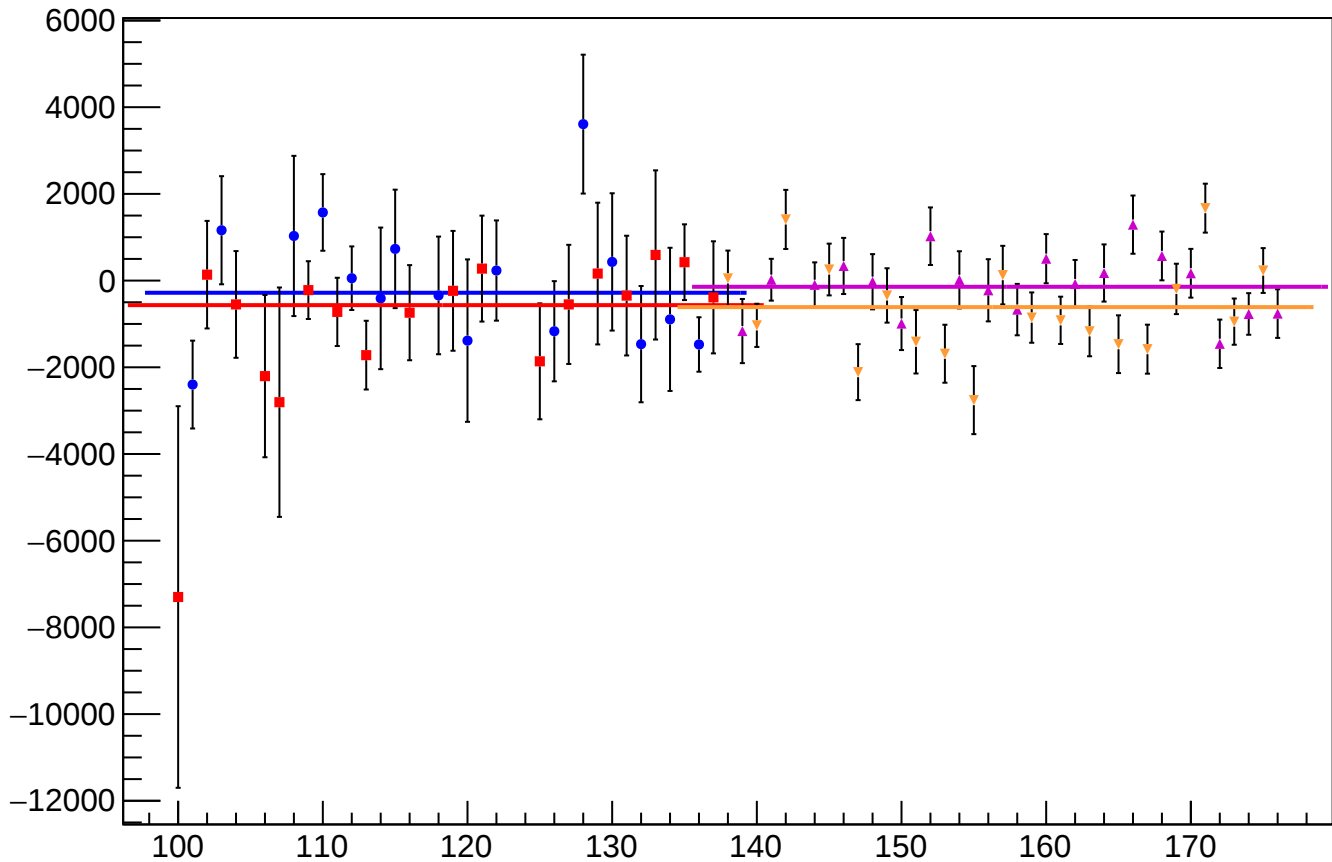
Left In: 786.826 $\pm$ 0.145 χ^2 /NDF: 8924.3/18

+ sign 785.793 $\pm$ 0.121 χ^2 /NDF: 22443.2/34

All: 786.483 $\pm$ 0.085 χ^2 /NDF: 42356.4/71

- sign 787.152 $\pm$ 0.119 χ^2 /NDF: 19849.2/36

asym_us_dd_correction_mean vs Slug



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

Left Out: -611.551 ± 138.194 χ^2/NDF : 56.7/18

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

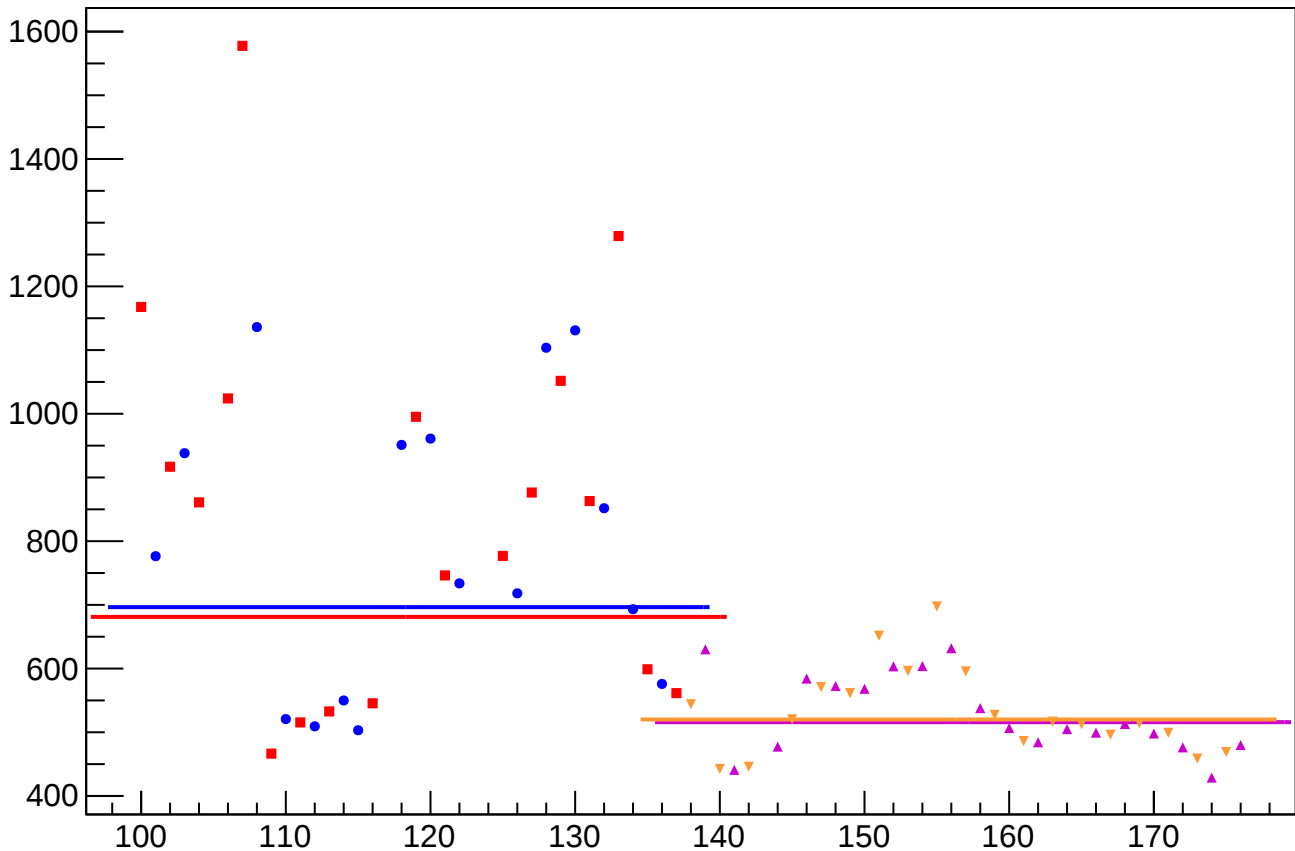
Left In: -142.879 ± 135.244 χ^2/NDF : 25.0/18

+ sign -547.653 ± 124.137 χ^2/NDF : 80.9/34

All: -383.132 ± 86.713 χ^2/NDF : 121.2/71

- sign -226.360 ± 121.178 χ^2/NDF : 36.8/36

asym_us_dd_correction_rms vs Slug



Right In: 696.462 $\pm$ 0.200 χ^2 /NDF: 959490.0/15

Left Out: 520.075 $\pm$ 0.098 χ^2 /NDF: 374949.9/18

Right Out: 681.127 $\pm$ 0.193 χ^2 /NDF: 1352555.6/17

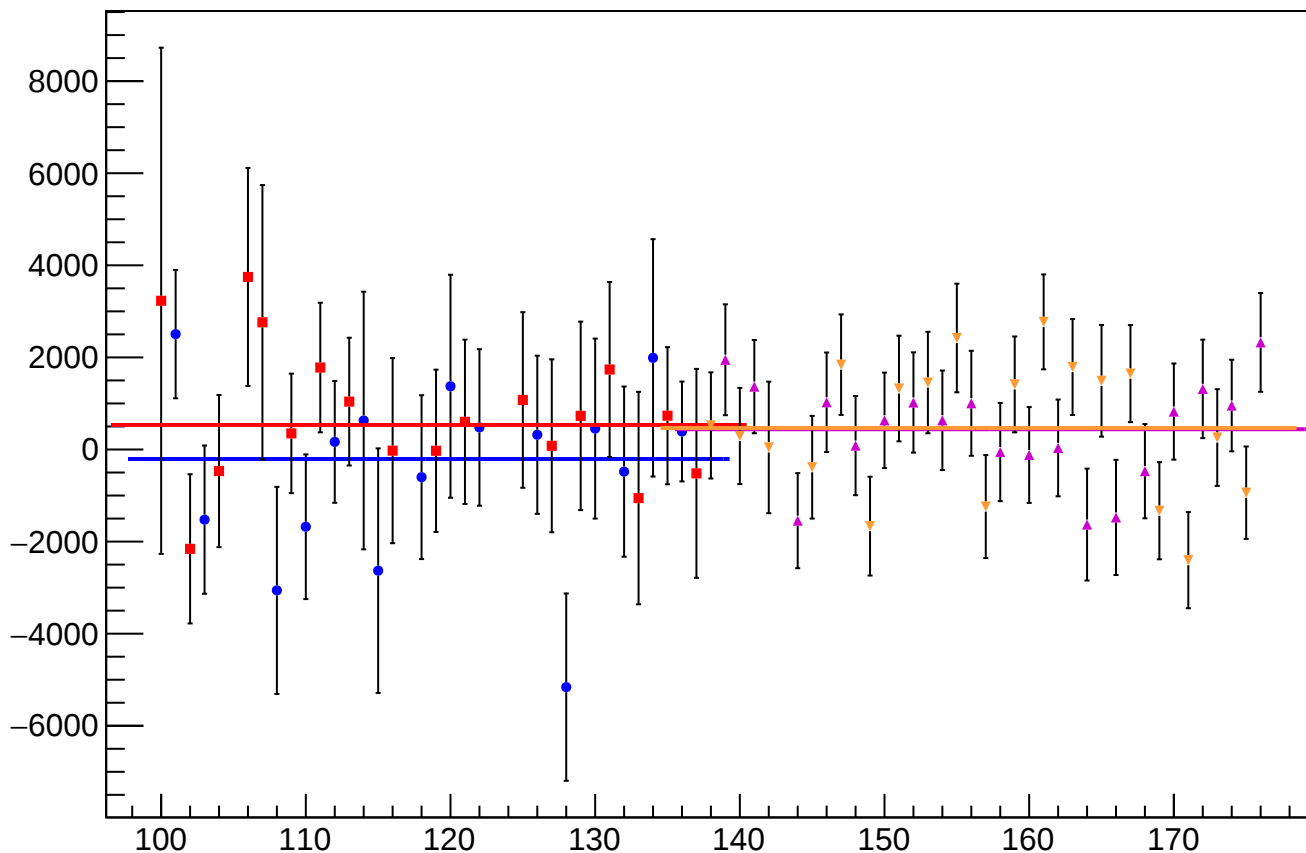
Left In: 515.886 $\pm$ 0.096 χ^2 /NDF: 380153.3/18

+ sign 554.134 $\pm$ 0.088 χ^2 /NDF: 1963577.9/34

All: 551.234 $\pm$ 0.061 χ^2 /NDF: 4287149.9/71

- sign 548.471 $\pm$ 0.086 χ^2 /NDF: 2321440.9/36

asym_us_dd_mean vs Slug



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

Left Out: 466.318 ± 251.135 χ^2/NDF : 34.5/18

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

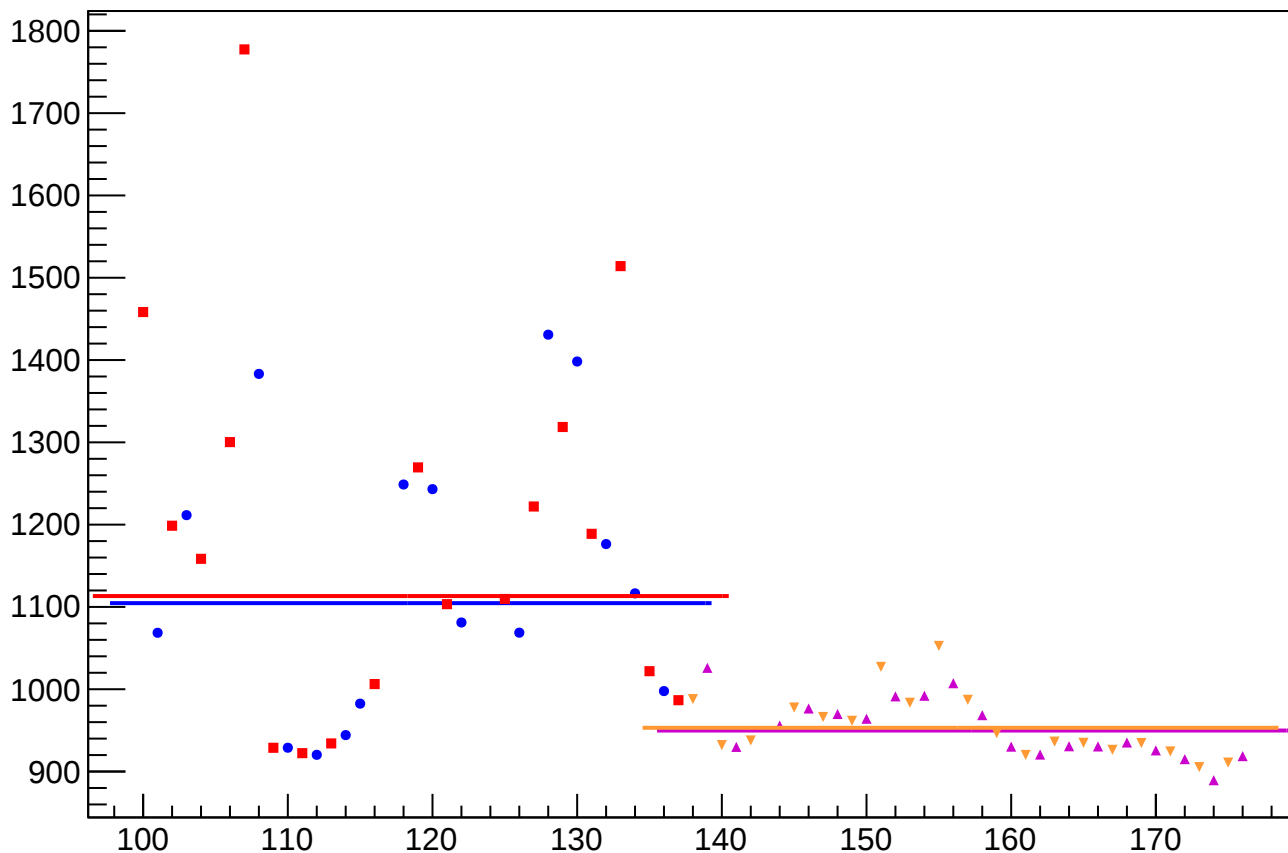
Left In: 440.190 ± 247.107 χ^2/NDF : 18.0/18

+ sign 297.442 ± 217.338 χ^2/NDF : 52.1/34

All: 381.759 ± 152.448 χ^2/NDF : 78.6/71

- sign 463.423 ± 213.891 χ^2/NDF : 26.2/36

asym_us_dd_rms vs Slug



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

Left Out: 953.154 ± 0.178 χ^2/NDF : 44404.6/18

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

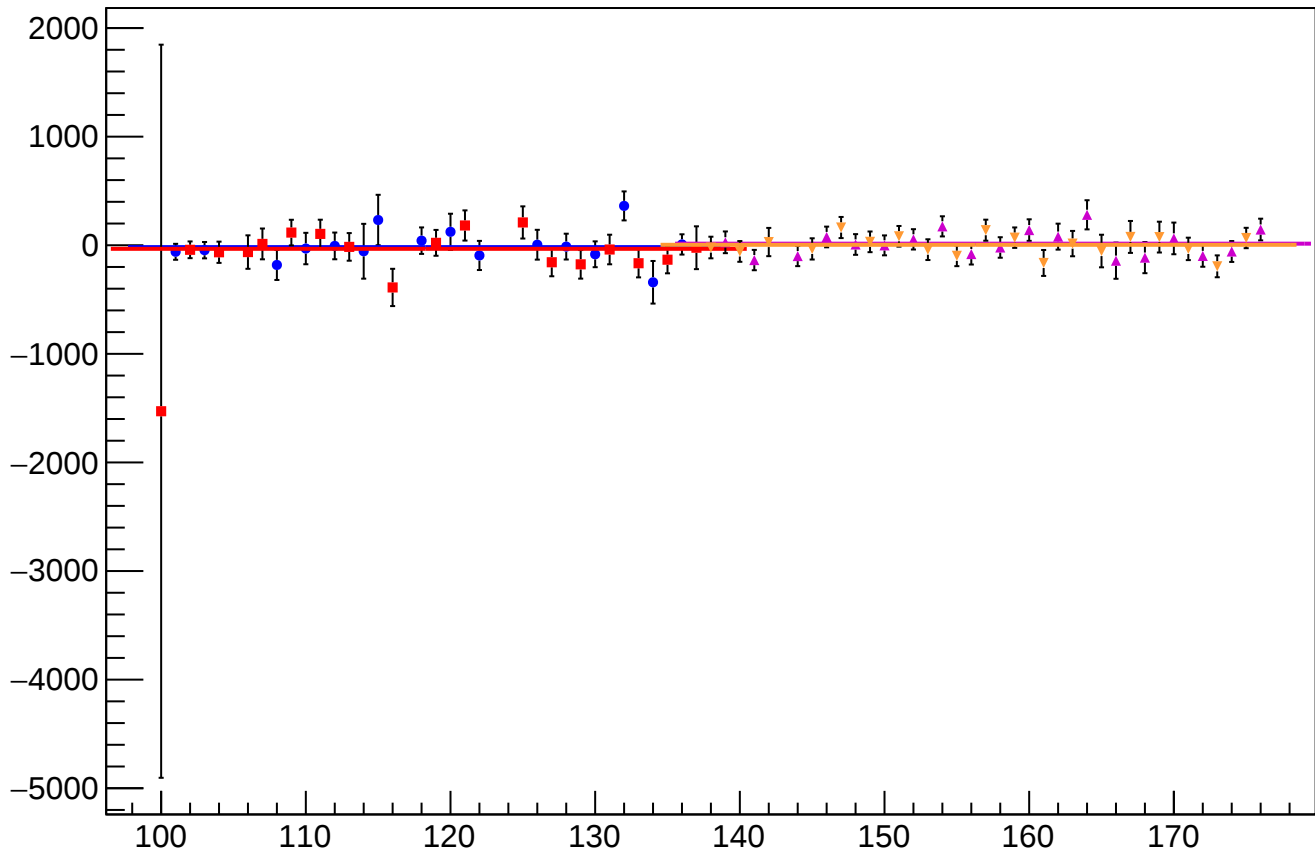
Left In: 949.814 ± 0.175 χ^2/NDF : 38688.4/18

+ sign 991.172 ± 0.154 χ^2/NDF : 482473.8/34

All: 990.978 ± 0.108 χ^2/NDF : 1103448.2/71

- sign 990.790 ± 0.151 χ^2/NDF : 620971.3/36

reg_asym_ds_avg_mean vs Slug



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

Left Out: 4.169 ± 24.046 χ^2/NDF : 14.9/18

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

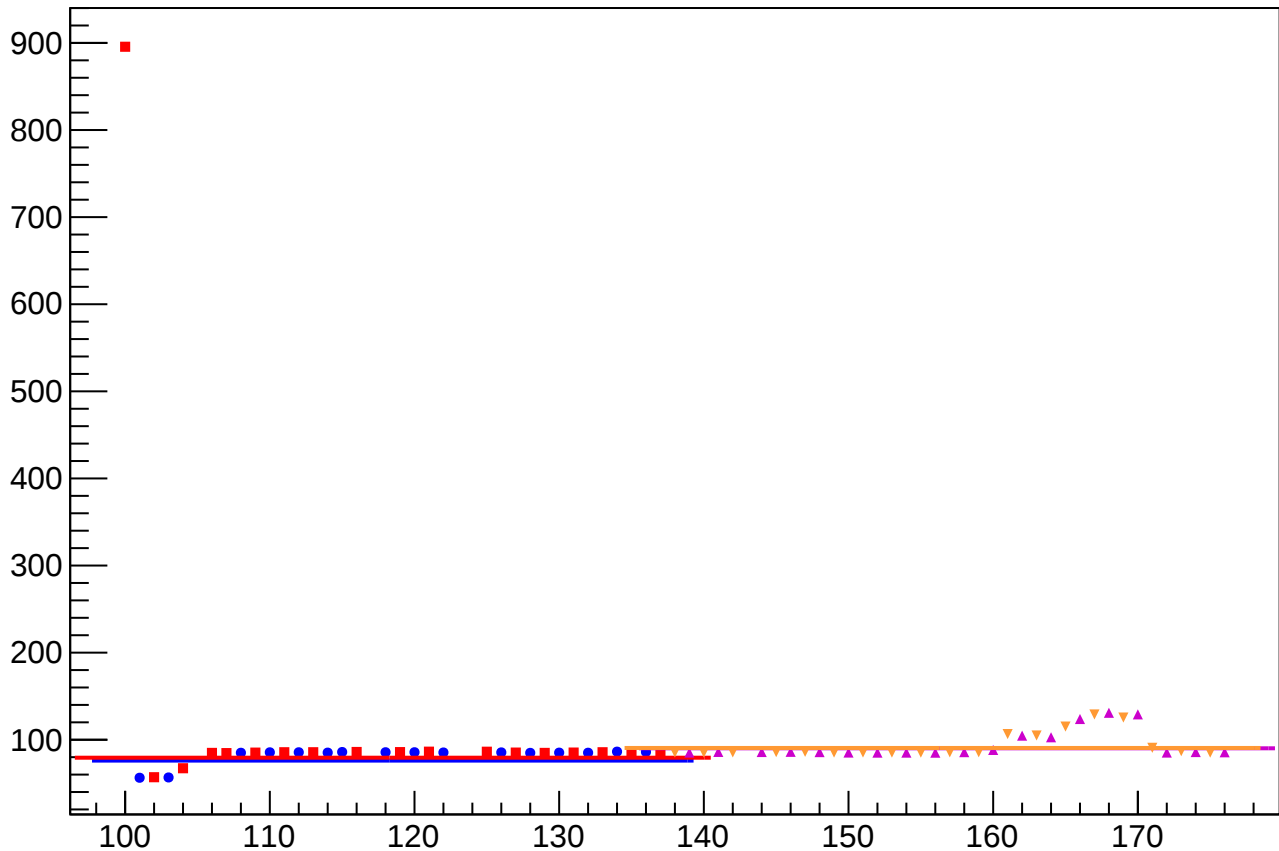
Left In: 14.559 ± 23.653 χ^2/NDF : 20.0/18

+ sign -4.208 ± 18.760 χ^2/NDF : 30.8/34

All: -3.753 ± 13.237 χ^2/NDF : 68.8/71

- sign -3.301 ± 18.679 χ^2/NDF : 38.0/36

reg_asym_ds_avg_rms vs Slug



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

Left Out: 90.574 $\pm$ 0.017 χ^2 /NDF: 446132.0/18

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

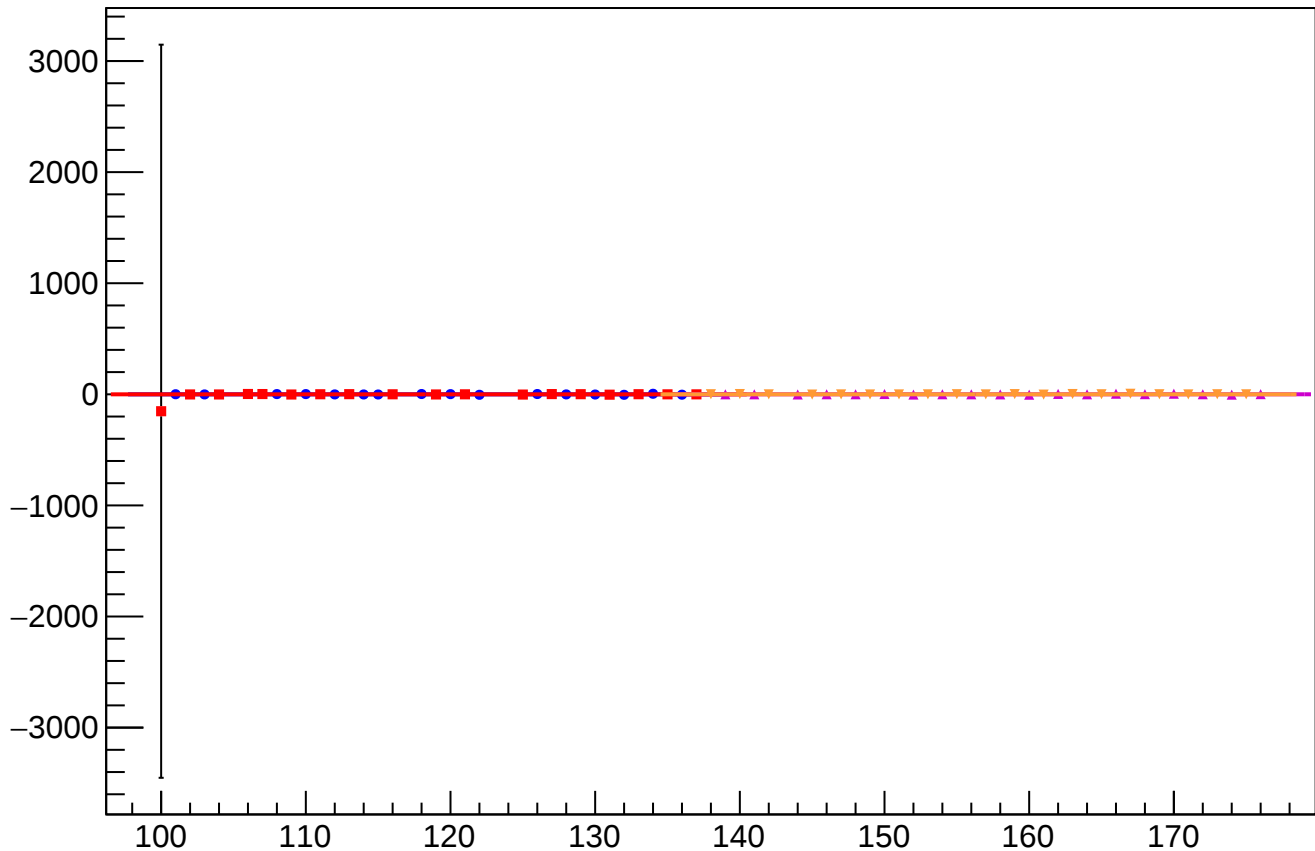
Left In: 90.187 $\pm$ 0.017 χ^2 /NDF: 494479.5/18

+ sign 84.901 $\pm$ 0.013 χ^2 /NDF: 1139697.3/34

All: 85.515 $\pm$ 0.009 χ^2 /NDF: 2173807.7/71

- sign 86.123 $\pm$ 0.013 χ^2 /NDF: 1029851.6/36

asym_ds_avg_correction_mean vs Slug



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

Left Out: 0.000 ± 0.415 χ^2/NDF : 13.0/18

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

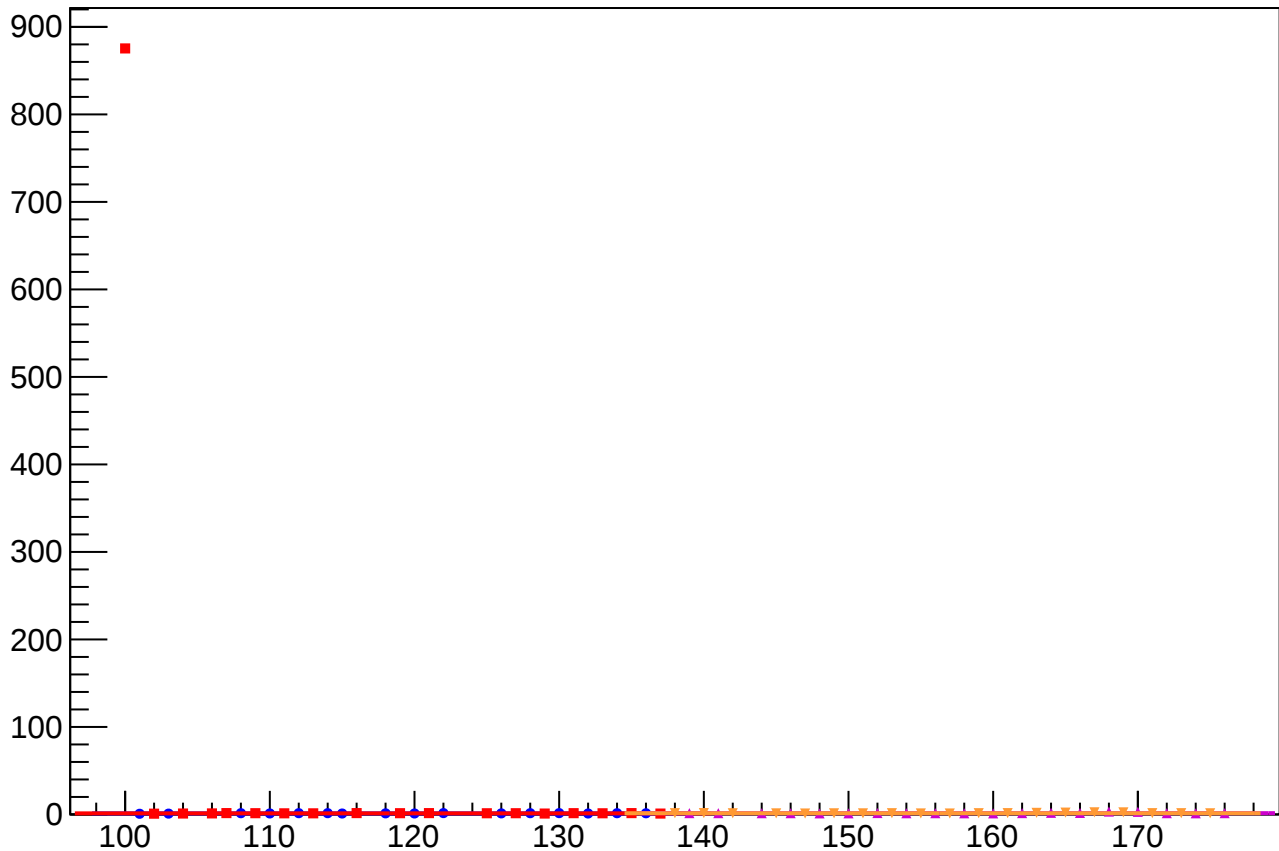
Left In: 0.307 ± 0.424 χ^2/NDF : 23.6/18

+ sign -0.114 ± 0.319 χ^2/NDF : 34.3/34

All: 0.016 ± 0.229 χ^2/NDF : 67.6/71

- sign 0.154 ± 0.329 χ^2/NDF : 32.9/36

asym_ds_avg_correction_rms vs Slug



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

Left Out: 1.386 $\pm$ 0.000 χ^2 /NDF: 903735.7/18

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

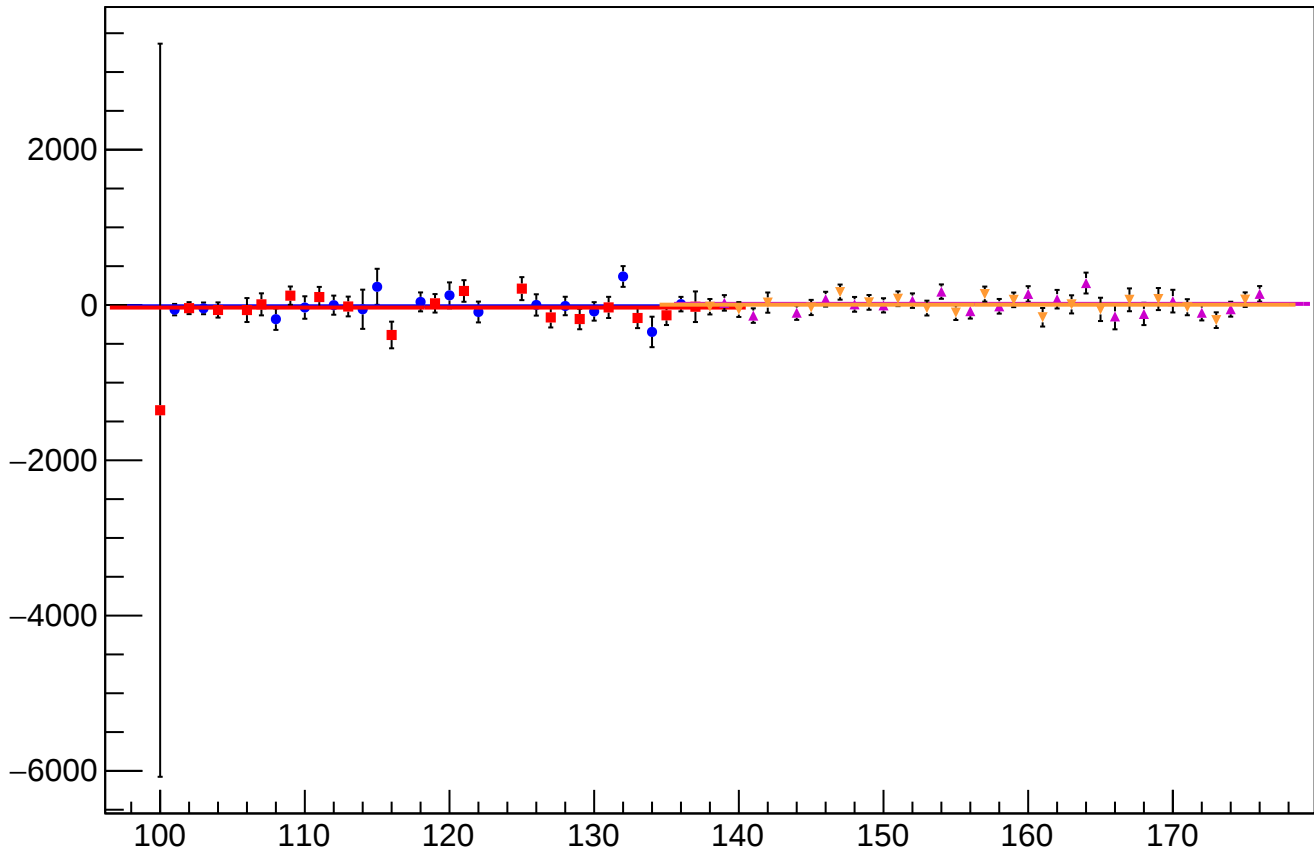
Left In: 1.464 $\pm$ 0.000 χ^2 /NDF: 984148.4/18

+ sign 1.291 $\pm$ 0.000 χ^2 /NDF: 1676291.7/34

All: 1.333 $\pm$ 0.000 χ^2 /NDF: 3456460.1/71

- sign 1.377 $\pm$ 0.000 χ^2 /NDF: 1709413.9/36

asym_ds_avg_mean vs Slug



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

Left Out: 4.099 ± 24.054 χ^2/NDF : 14.9/18

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

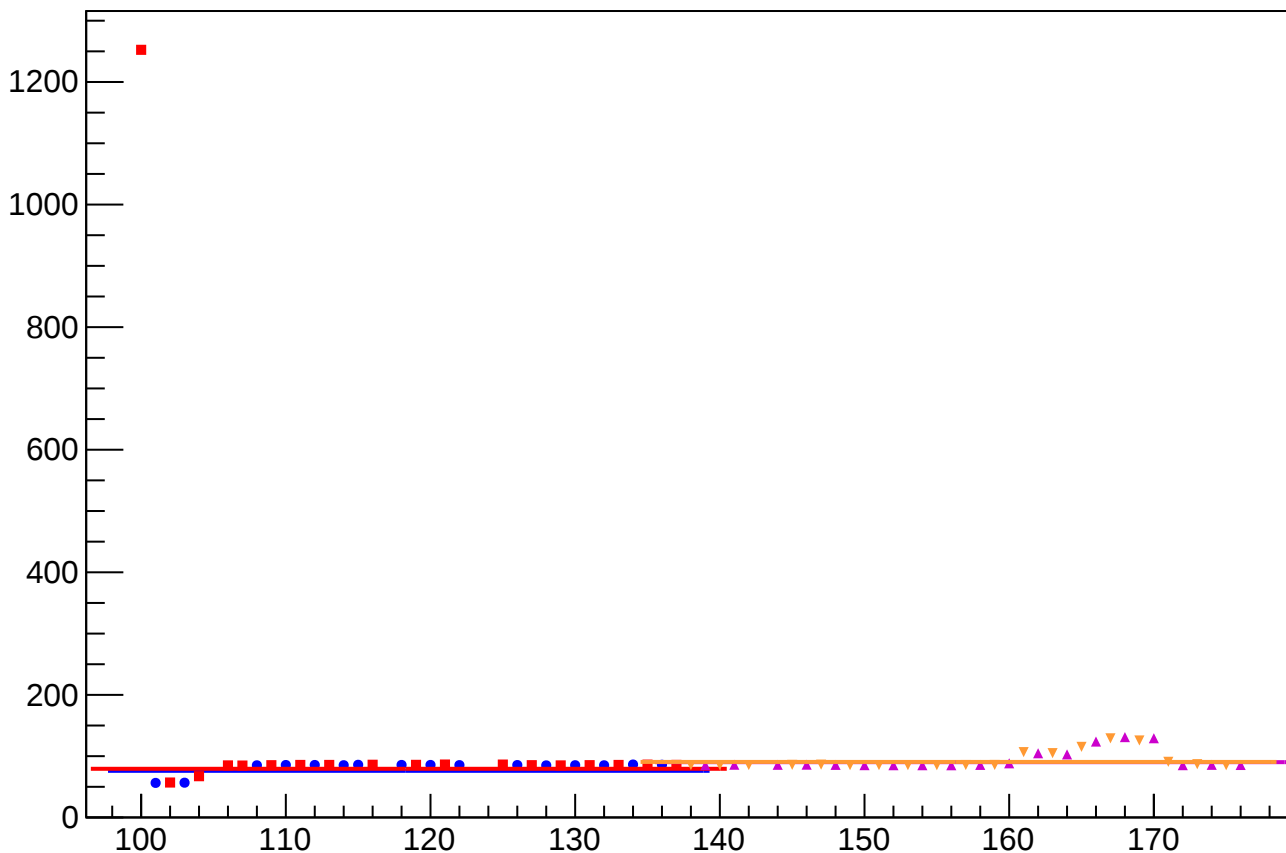
Left In: 14.459 ± 23.661 χ^2/NDF : 19.9/18

+ sign -3.889 ± 18.765 χ^2/NDF : 31.0/34

All: -3.667 ± 13.240 χ^2/NDF : 69.0/71

- sign -3.448 ± 18.685 χ^2/NDF : 38.0/36

asym_ds_avg_rms vs Slug



Right In: 76.099 $\pm$ 0.021 χ^2 /NDF: 409200.9/15

Left Out: 90.601 $\pm$ 0.017 χ^2 /NDF: 446867.9/18

Right Out: 79.393 $\pm$ 0.022 χ^2 /NDF: 385048.8/17

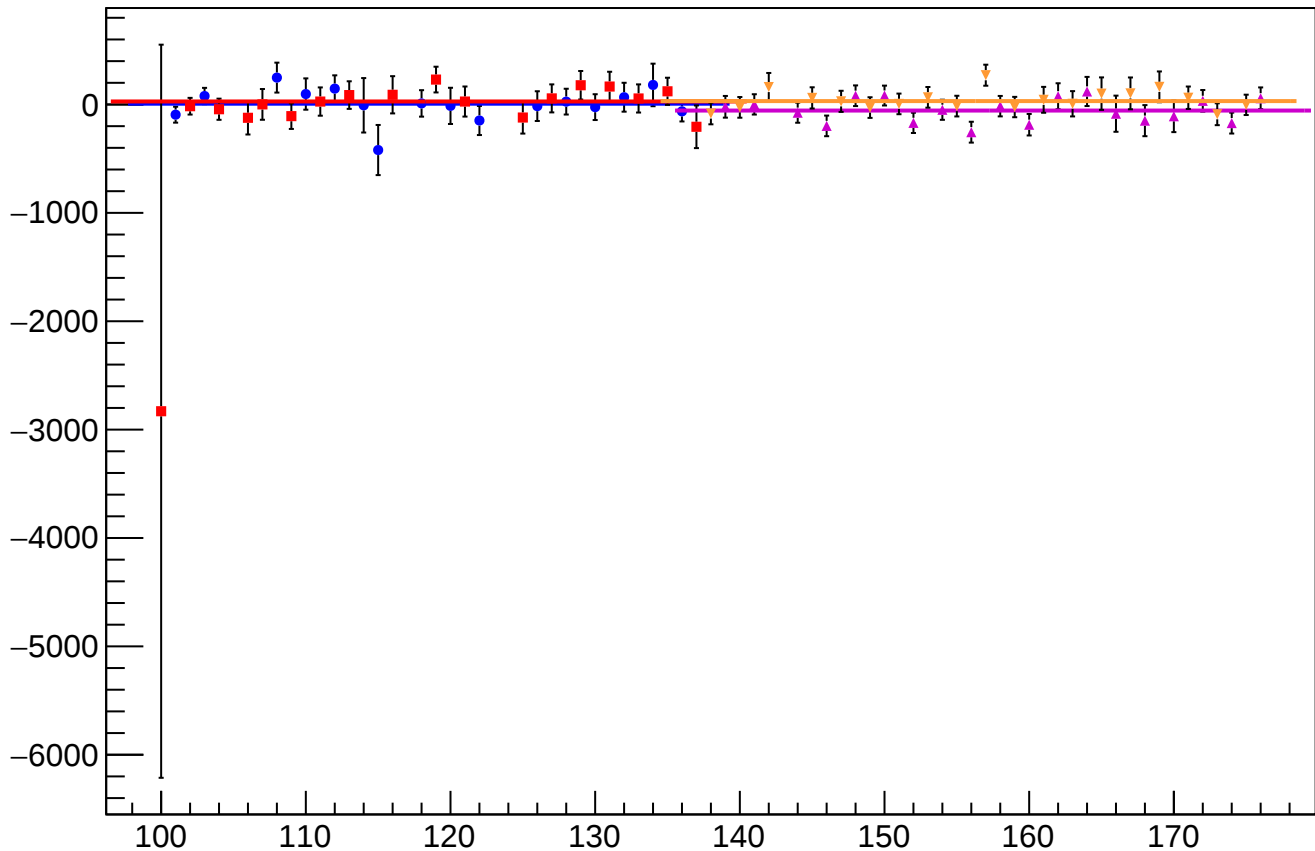
Left In: 90.213 $\pm$ 0.017 χ^2 /NDF: 495349.4/18

+ sign 84.925 $\pm$ 0.013 χ^2 /NDF: 1140574.5/34

All: 85.535 $\pm$ 0.009 χ^2 /NDF: 2182616.3/71

- sign 86.141 $\pm$ 0.013 χ^2 /NDF: 1037827.2/36

reg_asym_ds_dd_mean vs Slug



Right In: 7.460 ± 29.969 $\chi^2/\text{NDF}: 13.9/15$

Left Out: 31.377 ± 24.048 $\chi^2/\text{NDF}: 13.1/18$

Right Out: 27.920 ± 30.428 $\chi^2/\text{NDF}: 12.5/17$

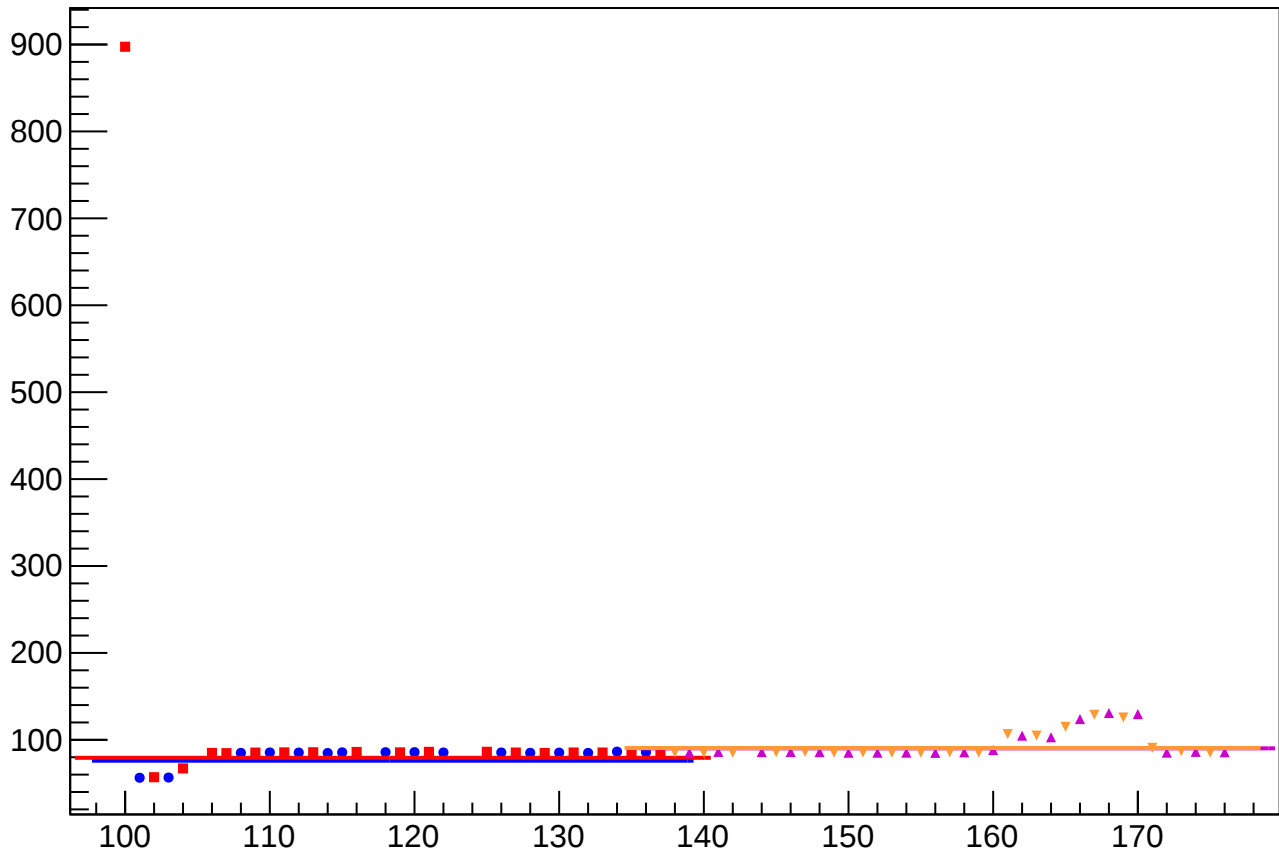
Left In: -55.911 ± 23.663 $\chi^2/\text{NDF}: 21.8/18$

+ sign 22.009 ± 18.756 $\chi^2/\text{NDF}: 27.4/34$

All: -1.250 ± 13.235 $\chi^2/\text{NDF}: 69.5/71$

- sign -24.319 ± 18.679 $\chi^2/\text{NDF}: 39.1/36$

reg_asym_ds_dd_rms vs Slug



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

Left Out: 90.579 $\pm$ 0.017 χ^2 /NDF: 445370.7/18

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

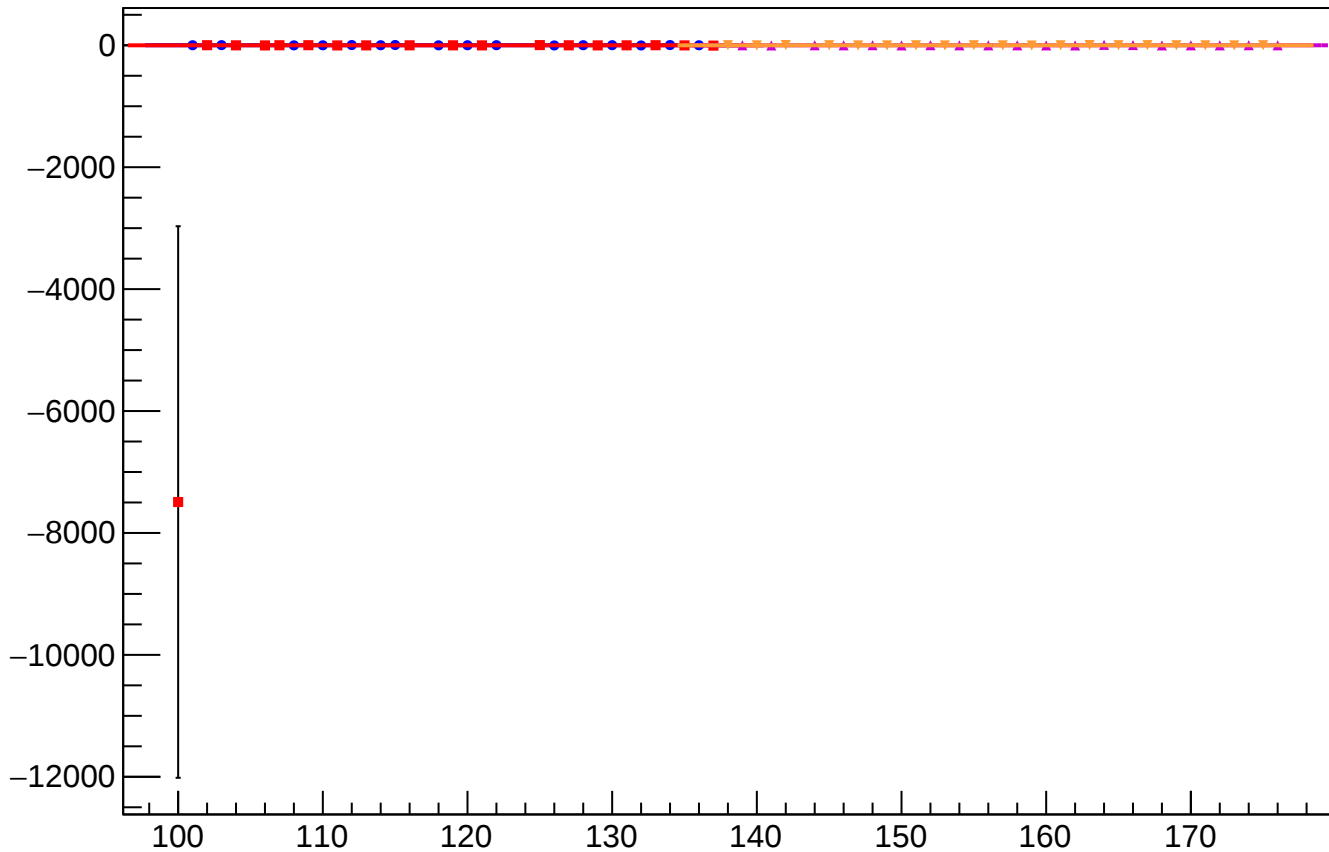
Left In: 90.216 $\pm$ 0.017 χ^2 /NDF: 497316.1/18

+ sign 84.881 $\pm$ 0.013 χ^2 /NDF: 1140943.3/34

All: 85.502 $\pm$ 0.009 χ^2 /NDF: 2180175.1/71

- sign 86.118 $\pm$ 0.013 χ^2 /NDF: 1034863.7/36

asym_ds_dd_correction_mean vs Slug



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

Left Out: -0.321 ± 0.429 χ^2/NDF : 17.6/18

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

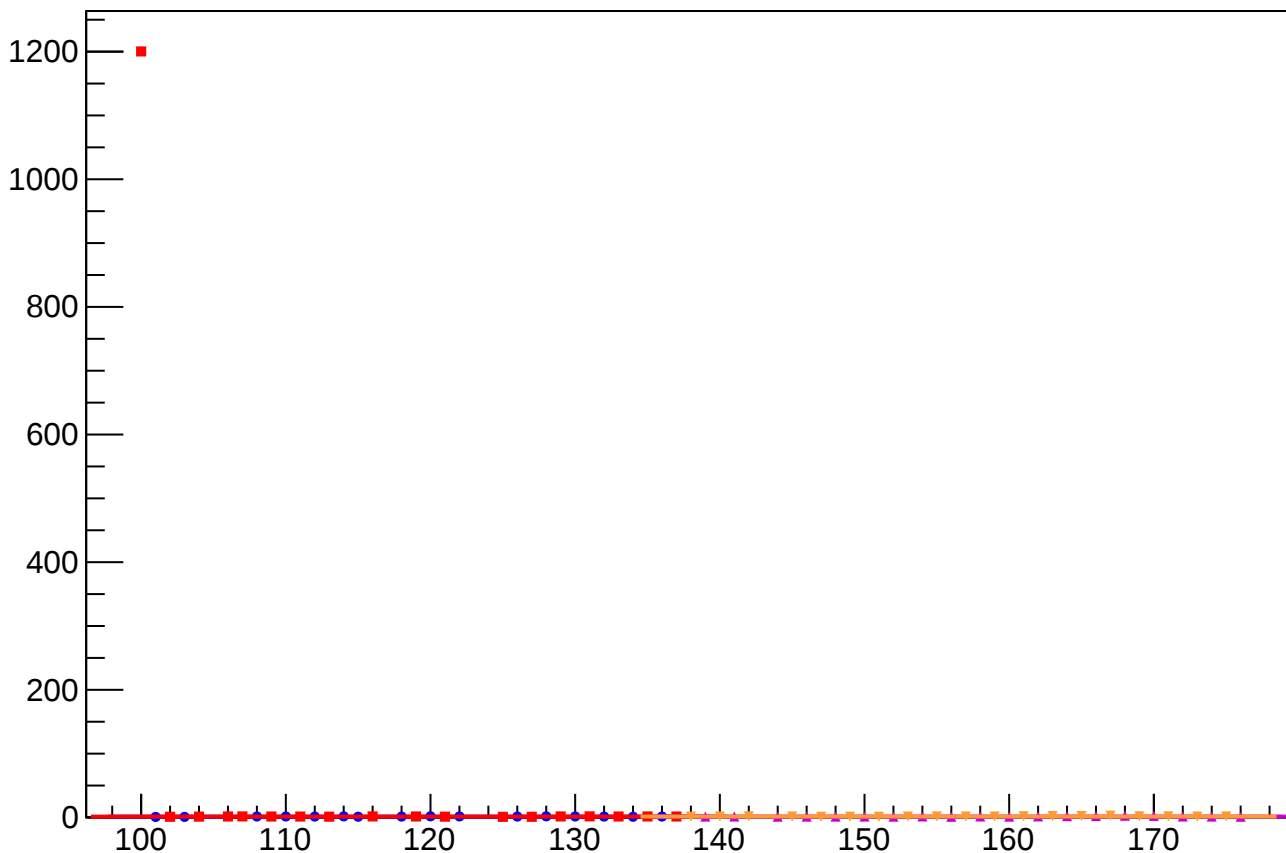
Left In: -0.066 ± 0.422 χ^2/NDF : 15.7/18

+ sign 0.164 ± 0.334 χ^2/NDF : 32.9/34

All: 0.003 ± 0.236 χ^2/NDF : 61.7/71

- sign -0.158 ± 0.334 χ^2/NDF : 28.4/36

asym_ds_dd_correction_rms vs Slug



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

Left Out: 1.446 $\pm$ 0.000 χ^2 /NDF:1045948.9/18

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

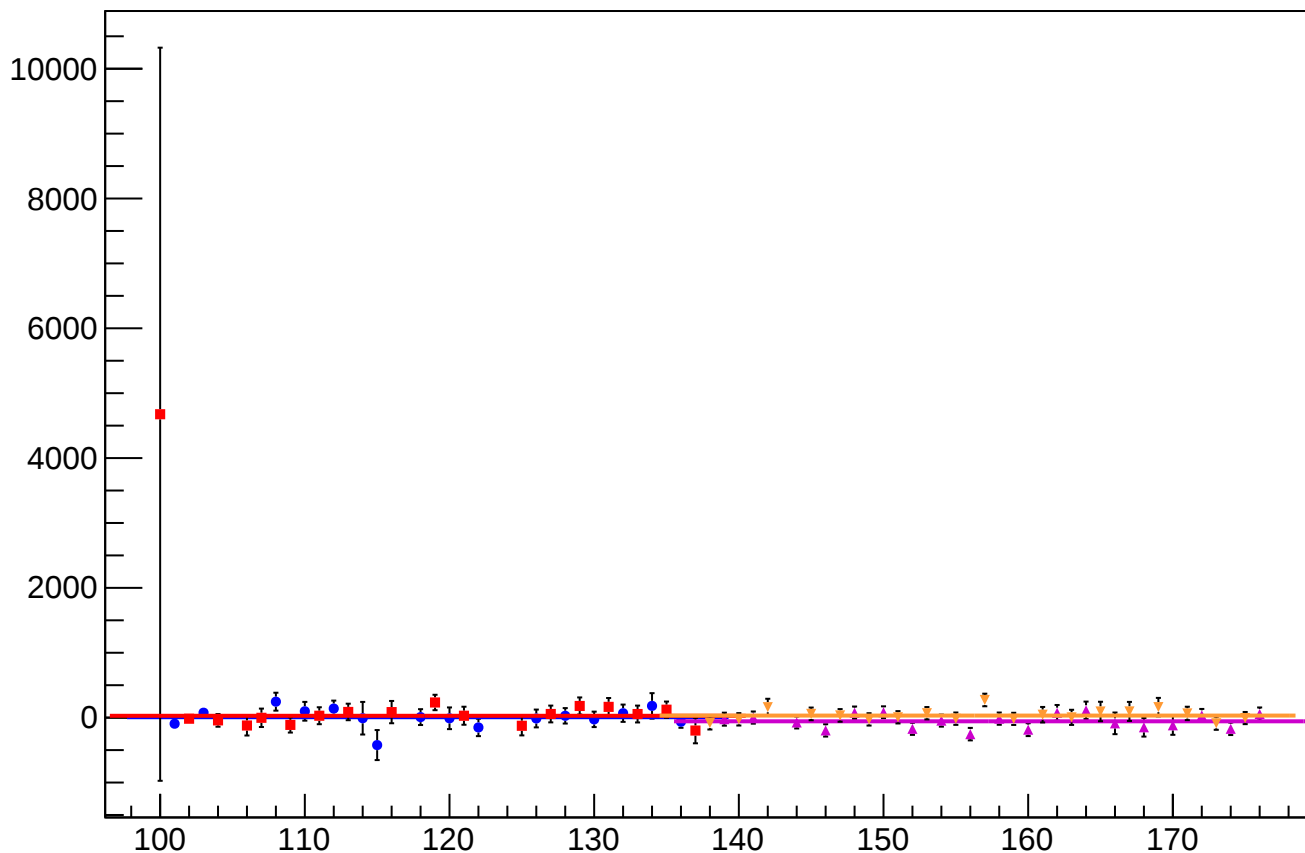
Left In: 1.442 $\pm$ 0.000 χ^2 /NDF:991997.9/18

+ sign 1.364 $\pm$ 0.000 χ^2 /NDF: 1889376.4/34

All: 1.380 $\pm$ 0.000 χ^2 /NDF: 3476374.7/71

- sign 1.396 $\pm$ 0.000 χ^2 /NDF: 1578078.5/36

asym_ds_dd_mean vs Slug



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

Left Out: 31.949 ± 24.055 χ^2/NDF : 13.0/18

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

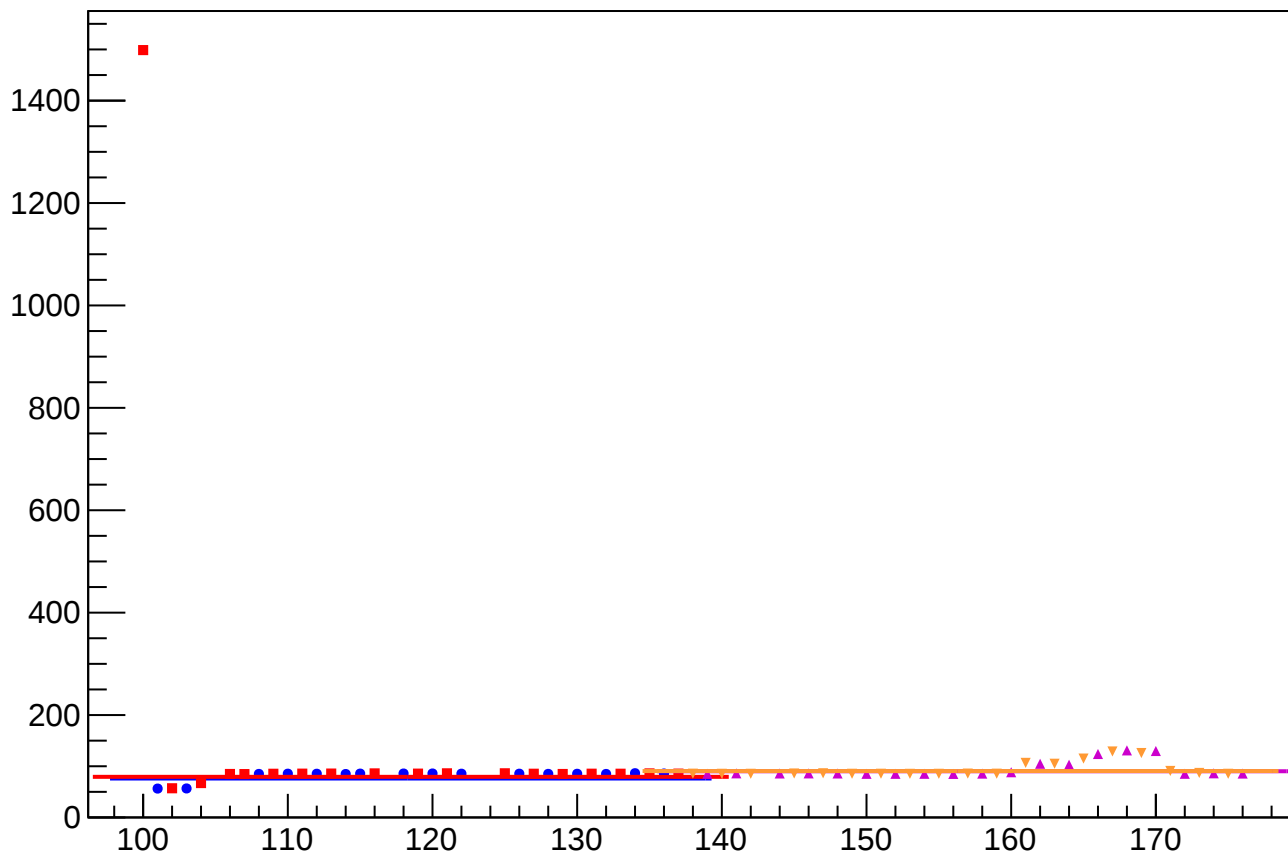
Left In: -56.458 ± 23.670 χ^2/NDF : 21.5/18

+ sign 22.091 ± 18.762 χ^2/NDF : 27.2/34

All: -1.260 ± 13.239 χ^2/NDF : 69.3/71

- sign -24.421 ± 18.685 χ^2/NDF : 39.0/36

asym_ds_dd_rms vs Slug



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

Left Out: 90.606 $\pm$ 0.017 χ^2 /NDF: 446110.5/18

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

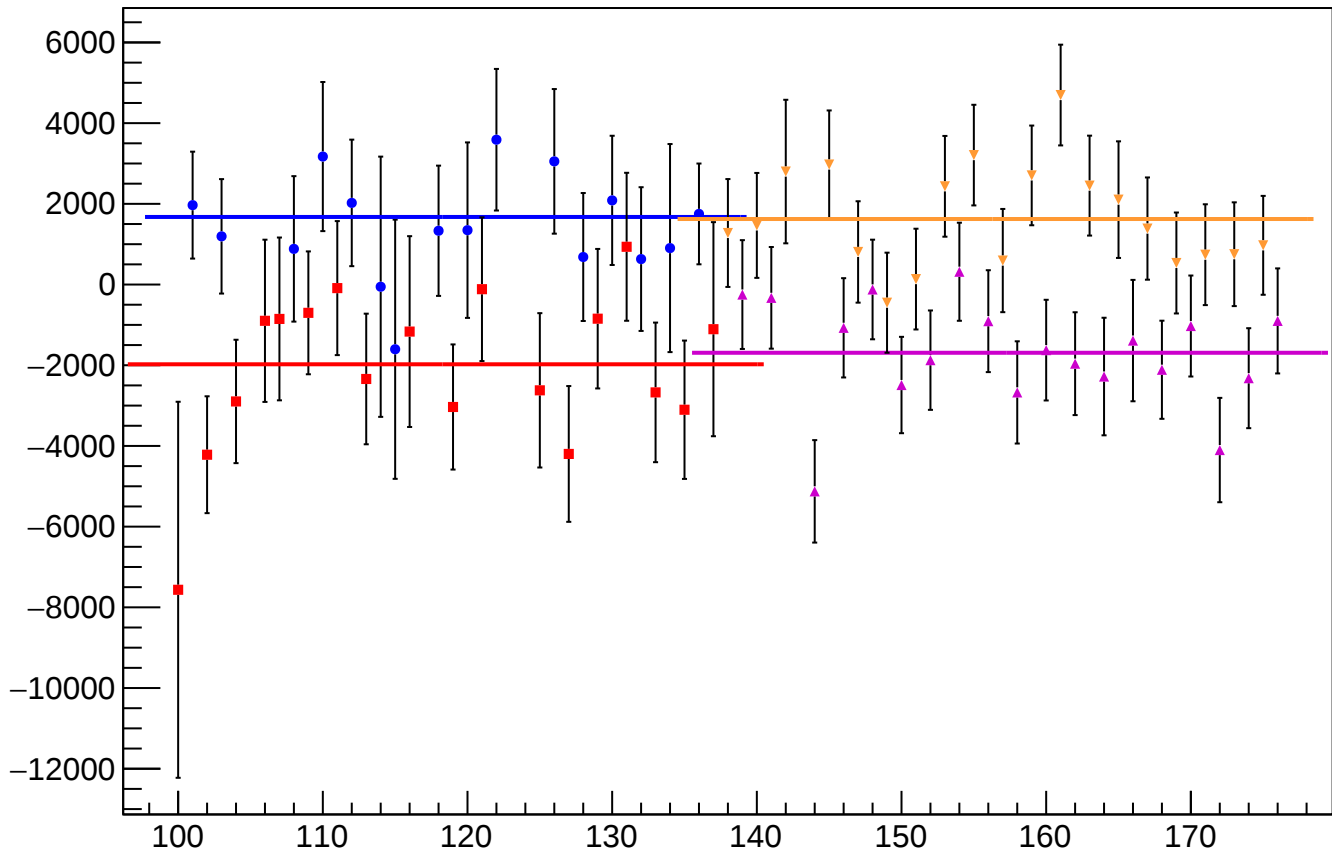
Left In: 90.243 $\pm$ 0.017 χ^2 /NDF: 498117.3/18

+ sign 84.905 $\pm$ 0.013 χ^2 /NDF: 1141816.9/34

All: 85.522 $\pm$ 0.009 χ^2 /NDF: 2191835.4/71

- sign 86.133 $\pm$ 0.013 χ^2 /NDF: 1045714.6/36

reg_asym_usl_mean vs Slug



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

Left Out: 1624.092 $\pm$ 295.584 χ^2 /NDF:18.3/18

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

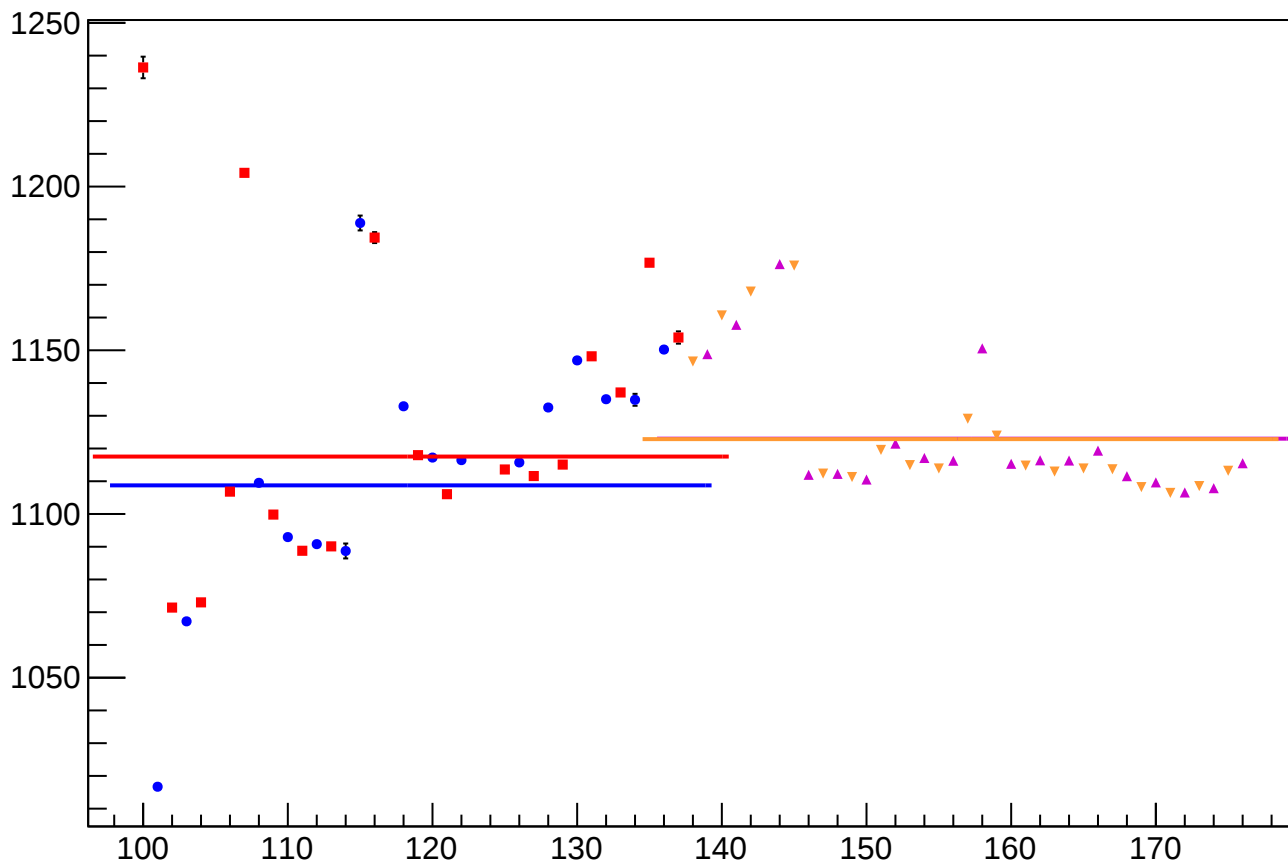
Left In: -1691.002 $\pm$ 291.957 χ^2 /NDF:20.4/18

+ sign 1640.396 $\pm$ 243.693 χ^2 /NDF: 23.4/34

All: -96.331 $\pm$ 171.058 χ^2 /NDF: 158.3/71

- sign -1783.234 $\pm$ 240.172 χ^2 /NDF: 34.8/36

reg_asym_usl_rms vs Slug



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

Left Out: 1122.865 $\pm$ 0.209 χ^2 /NDF: 8678.2/18

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

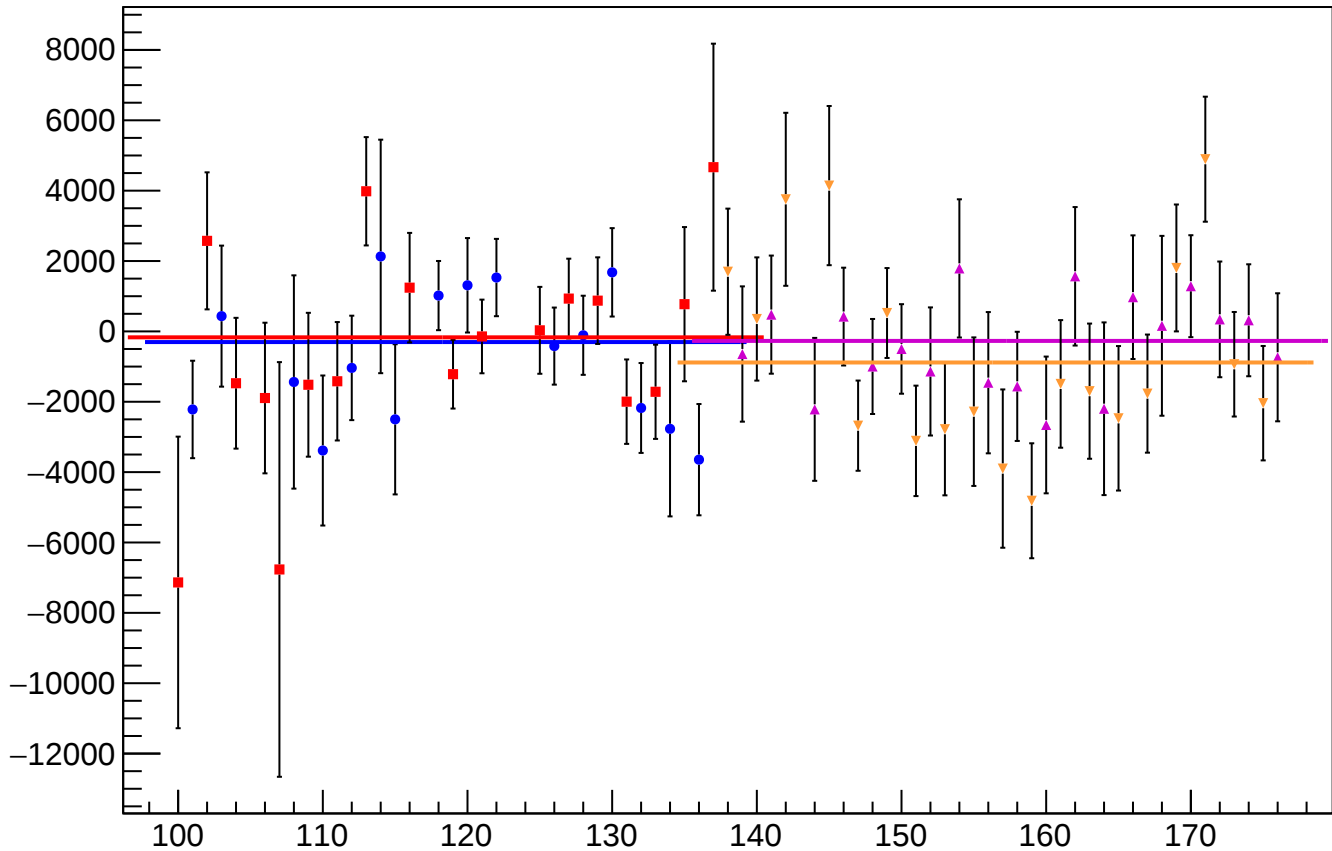
Left In: 1123.000 $\pm$ 0.206 χ^2 /NDF: 8646.7/18

+ sign 1118.341 $\pm$ 0.172 χ^2 /NDF: 28221.9/34

All: 1119.809 $\pm$ 0.121 χ^2 /NDF: 52753.1/71

- sign 1121.234 $\pm$ 0.170 χ^2 /NDF: 24388.1/36

asym_usl_correction_mean vs Slug



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

Left Out: -883.694 ± 397.578 χ^2/NDF : 39.8/18

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

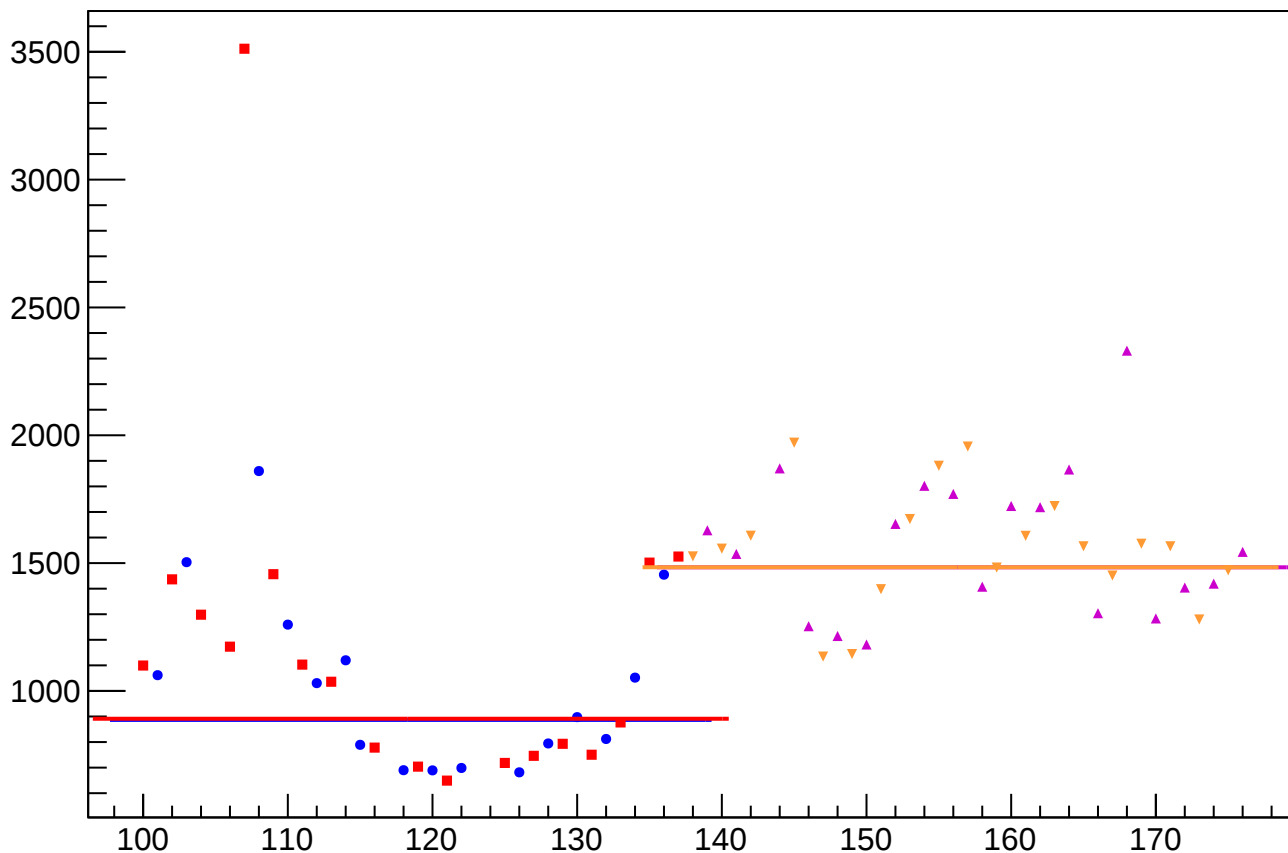
Left In: -270.539 ± 392.706 χ^2/NDF : 9.1/18

+ sign -564.853 ± 266.885 χ^2/NDF : 63.2/34

All: -387.802 ± 187.634 χ^2/NDF : 98.1/71

- sign -214.754 ± 263.851 χ^2/NDF : 34.0/36

asym_usl_correction_rms vs Slug



Right In: 886.691+/-0.255 χ^2/NDF : 1060864.2/15

Left Out: 1483.771+/-0.281 χ^2/NDF : 668678.2/18

Right Out: 891.197+/-0.252 χ^2/NDF : 1414187.9/17

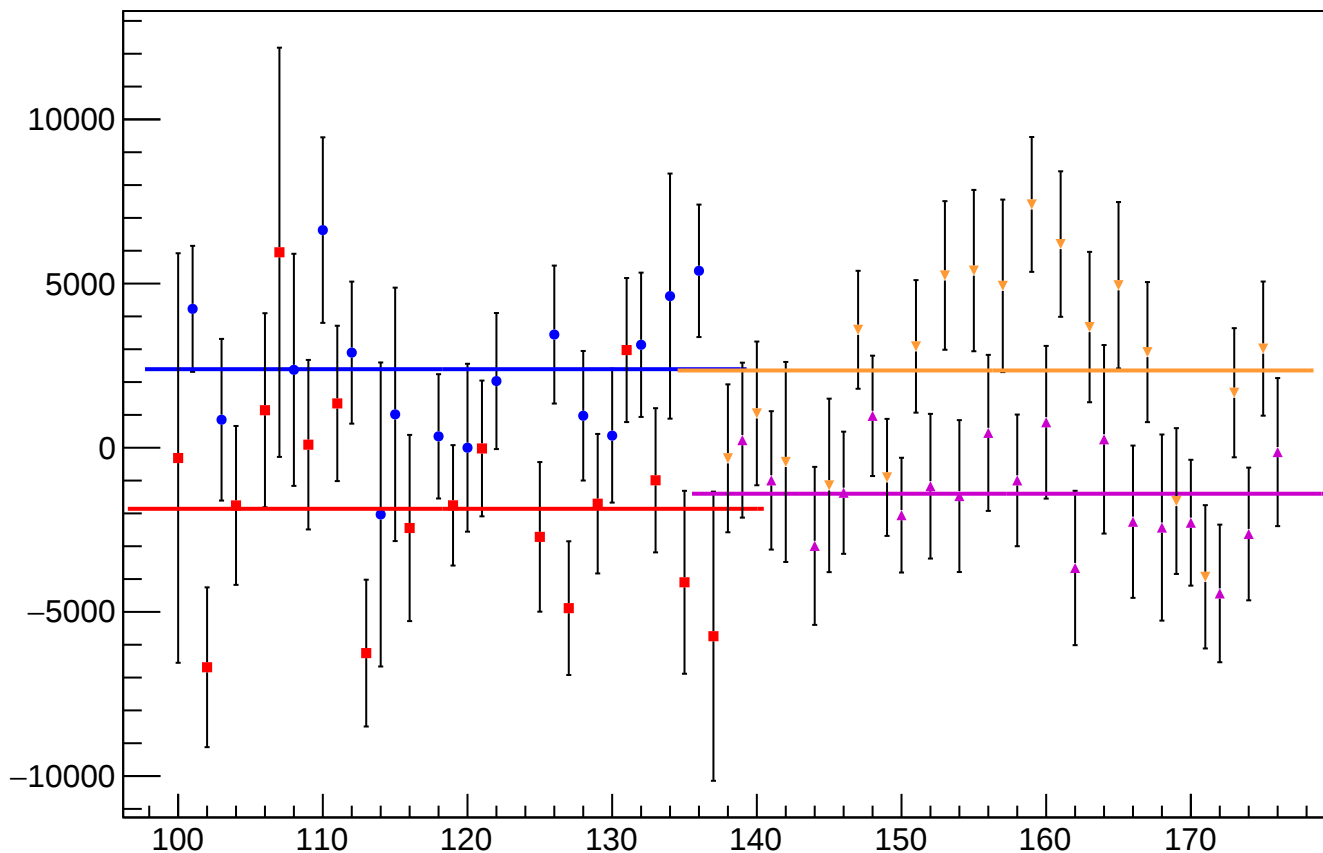
Left In: 1483.574+/-0.278 χ^2/NDF : 844895.6/18

+ sign 1155.743+/-0.189 χ^2/NDF : 4207698.5/34

All: 1157.192+/-0.133 χ^2/NDF : 8963395.1/71

- sign 1158.608+/-0.187 χ^2/NDF : 4755580.0/36

asym_usl_mean vs Slug



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

Left Out: 2353.270 $\pm$ 503.098 χ^2/NDF : 34.7/18

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

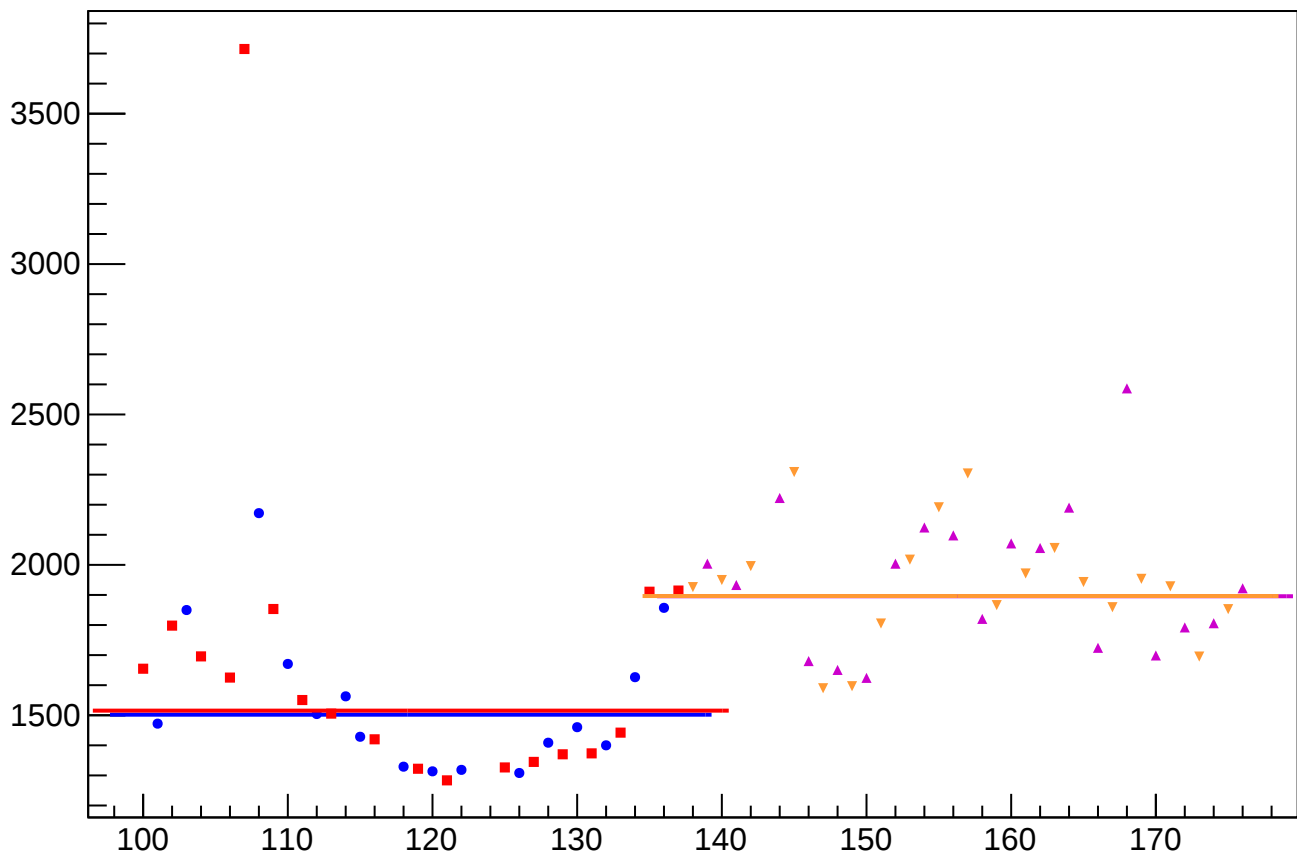
Left In: -1400.950 $\pm$ 496.958 χ^2/NDF : 8.8/18

+ sign 2369.770 $\pm$ 382.542 χ^2/NDF : 45.9/34

All: 365.420 $\pm$ 268.962 χ^2/NDF : 131.8/71

- sign -1594.031 $\pm$ 378.233 χ^2/NDF : 31.7/36

asym_usl_rms vs Slug



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

Left Out: 1896.396+/-0.356 χ^2/NDF : 291310.5/18

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

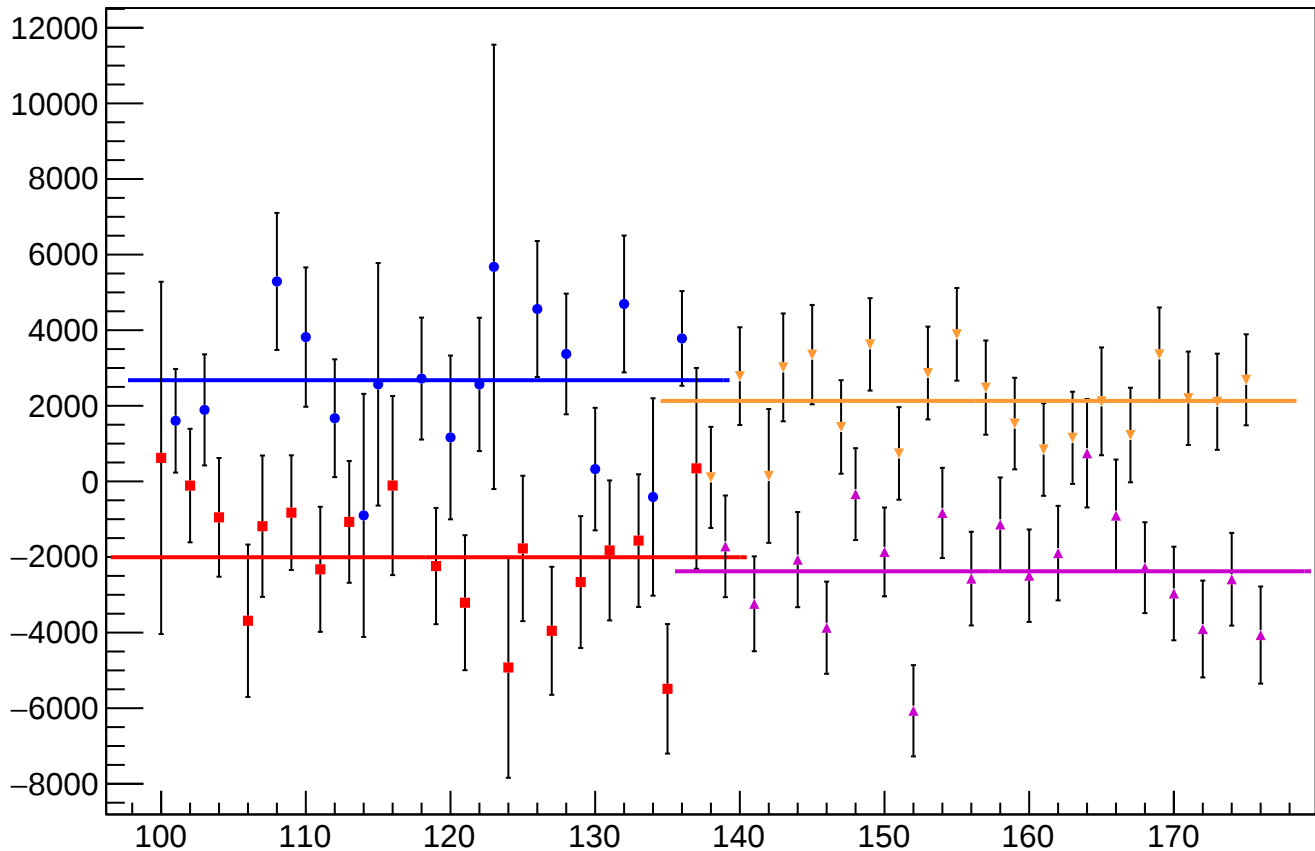
Left In: 1895.679+/-0.351 χ^2/NDF : 395969.6/18

+ sign 1730.000+/-0.270 χ^2/NDF : 1064504.0/34

All: 1732.875+/-0.190 χ^2/NDF : 2433162.9/71

- sign 1735.686+/-0.267 χ^2/NDF : 1368435.4/36

reg_asym_usr_mean vs Slug



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

Left Out: 2129.400 $\pm$ 285.441 χ^2 /NDF:14.4/19

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

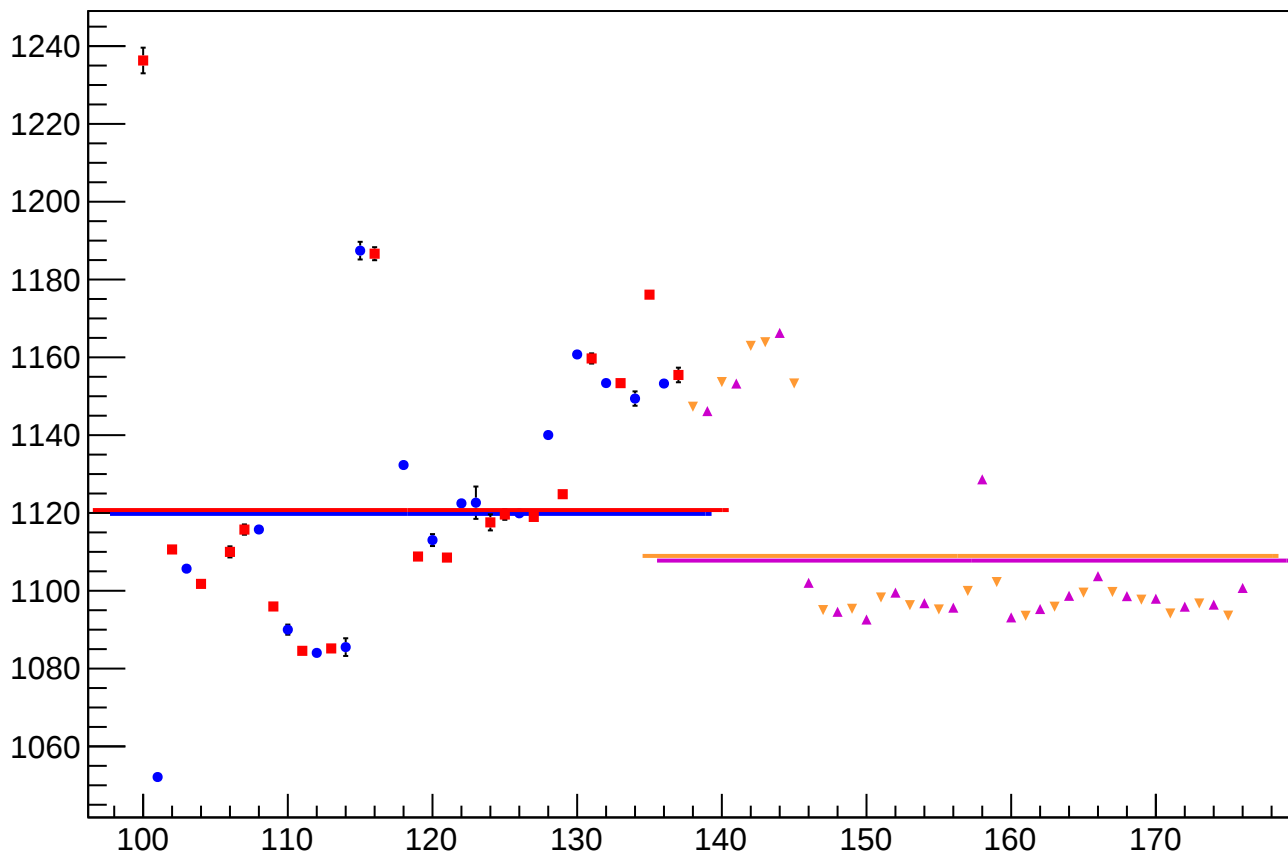
Left In: -2377.927 $\pm$ 288.008 χ^2 /NDF:26.6/18

+ sign 2294.876 $\pm$ 238.415 χ^2 /NDF: 28.1/36

All: 8.073 $\pm$ 168.216 χ^2 /NDF: 251.2/74

- sign -2258.834 $\pm$ 237.375 χ^2 /NDF: 39.9/37

reg_asym_usr_rms vs Slug



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

Left Out: 1108.959 $\pm$ 0.202 χ^2 /NDF:14118.3/19

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

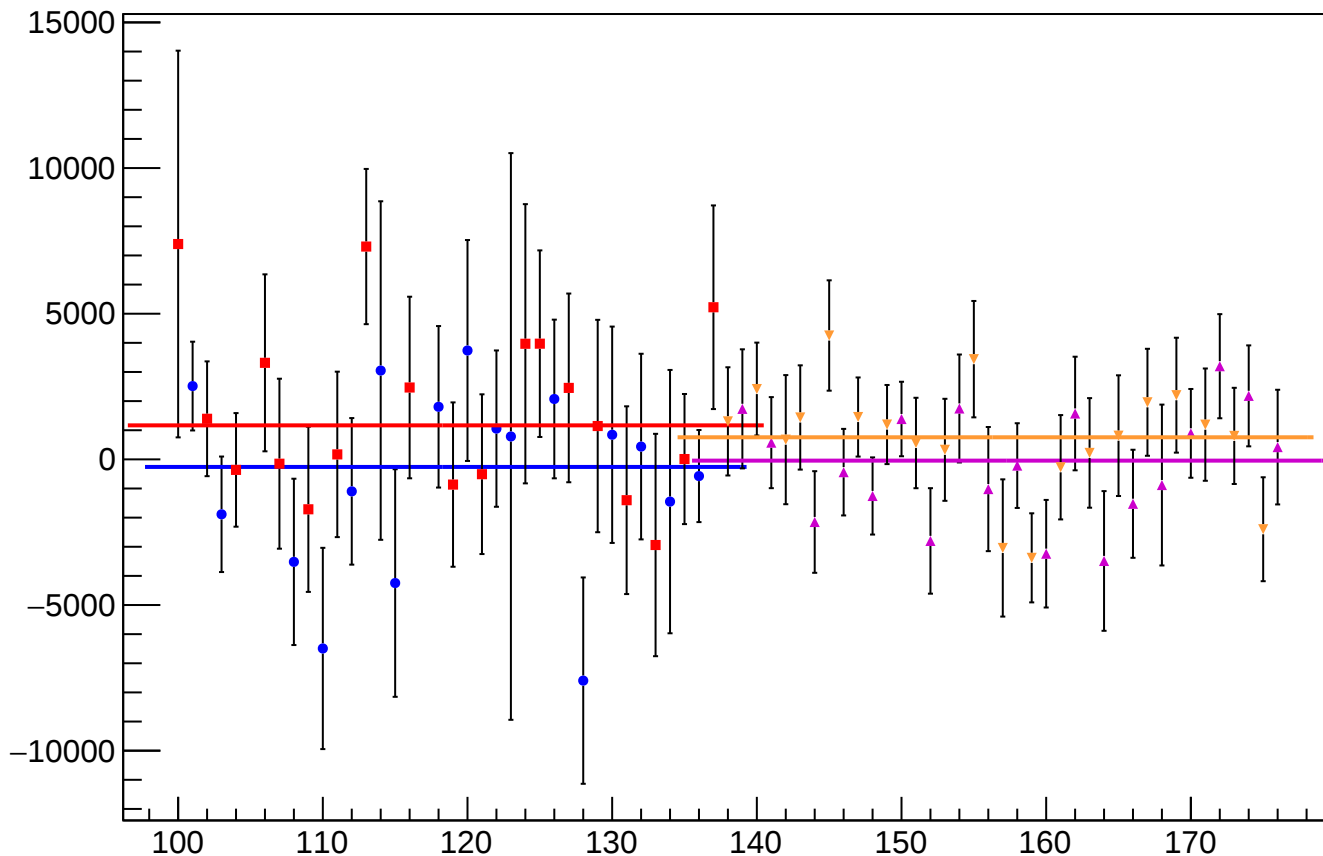
Left In: 1107.758 $\pm$ 0.204 χ^2 /NDF:11433.6/18

+ sign 1112.225 $\pm$ 0.169 χ^2 /NDF: 26861.3/36

All: 1112.074 $\pm$ 0.119 χ^2 /NDF: 49535.1/74

- sign 1111.923 $\pm$ 0.168 χ^2 /NDF: 22672.1/37

asym_usr_correction_mean vs Slug



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

Left Out: 758.180 ± 392.418 χ^2/NDF : 21.4/19

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

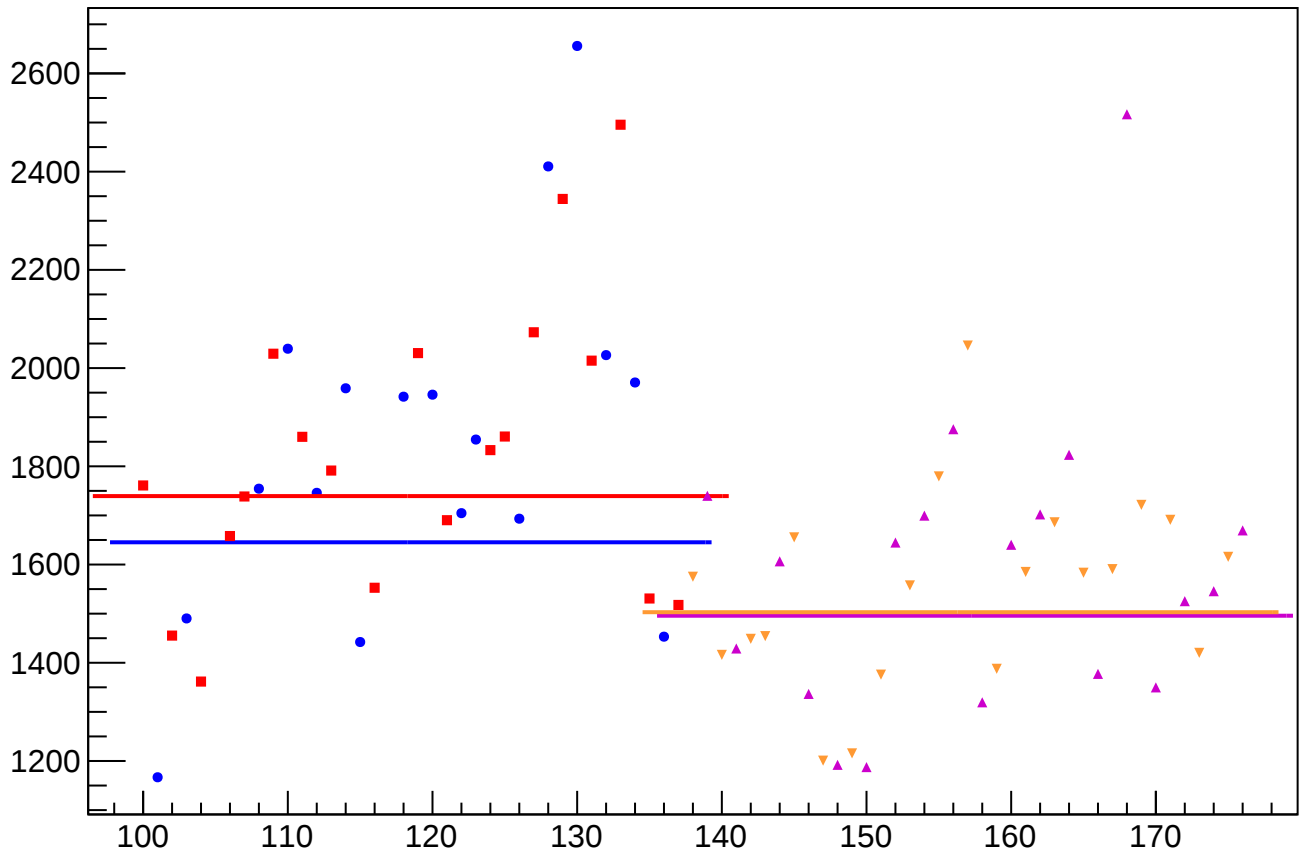
Left In: -43.147 ± 395.628 χ^2/NDF : 19.8/18

+ sign 489.462 ± 336.665 χ^2/NDF : 40.4/36

All: 383.268 ± 239.111 χ^2/NDF : 77.4/74

- sign 275.176 ± 339.661 χ^2/NDF : 36.7/37

asym_usr_correction_rms vs Slug



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

Left Out: 1502.956+/-0.277 χ^2/NDF : 471961.4/19

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

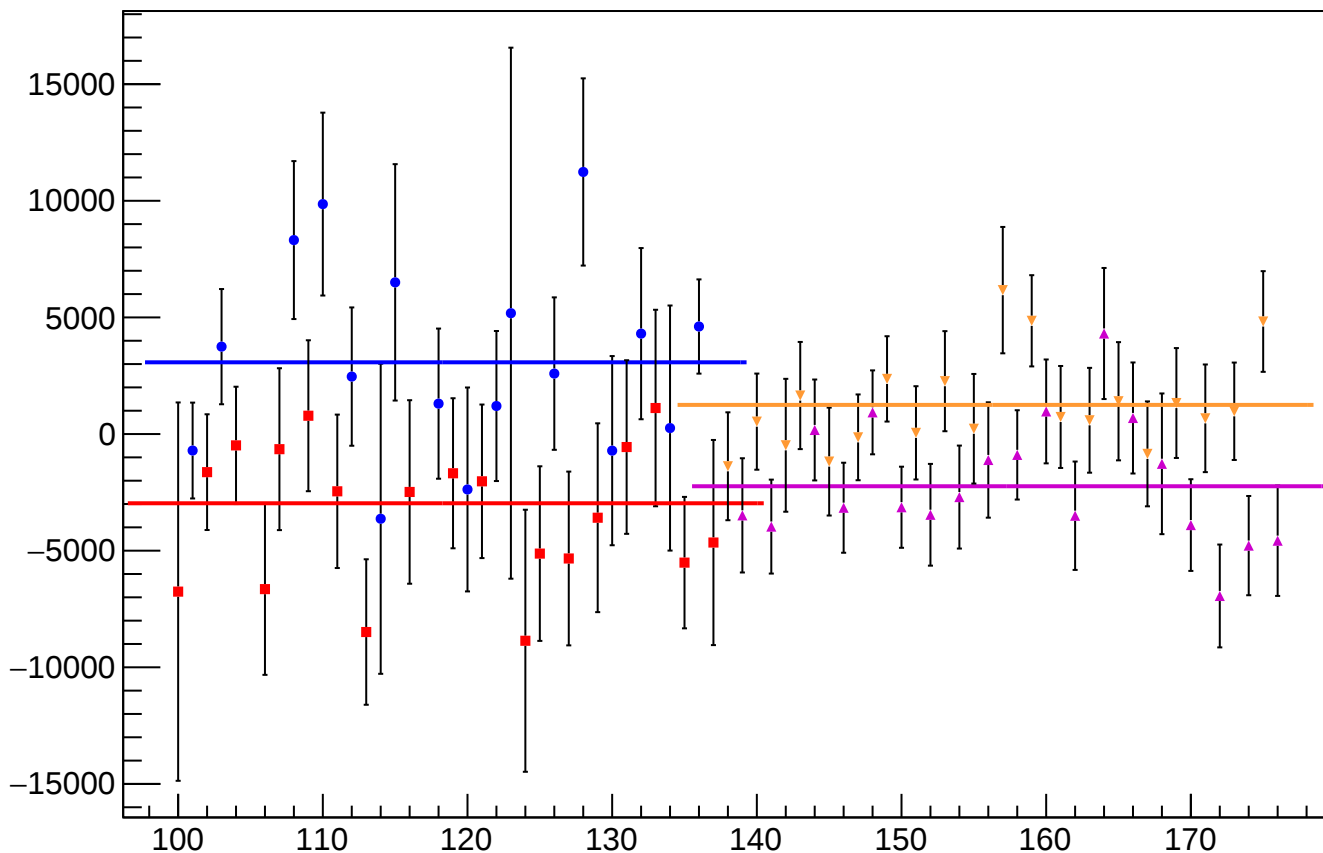
Left In: 1495.789+/-0.280 χ^2/NDF : 804972.2/18

+ sign 1540.532+/-0.238 χ^2/NDF : 1142346.8/36

All: 1550.097+/-0.169 χ^2/NDF : 2520930.9/74

- sign 1559.833+/-0.240 χ^2/NDF : 1375326.3/37

asym_usr_mean vs Slug



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

Left Out: 1249.856 $\pm$ 491.732 χ^2 /NDF: 15.2/19

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

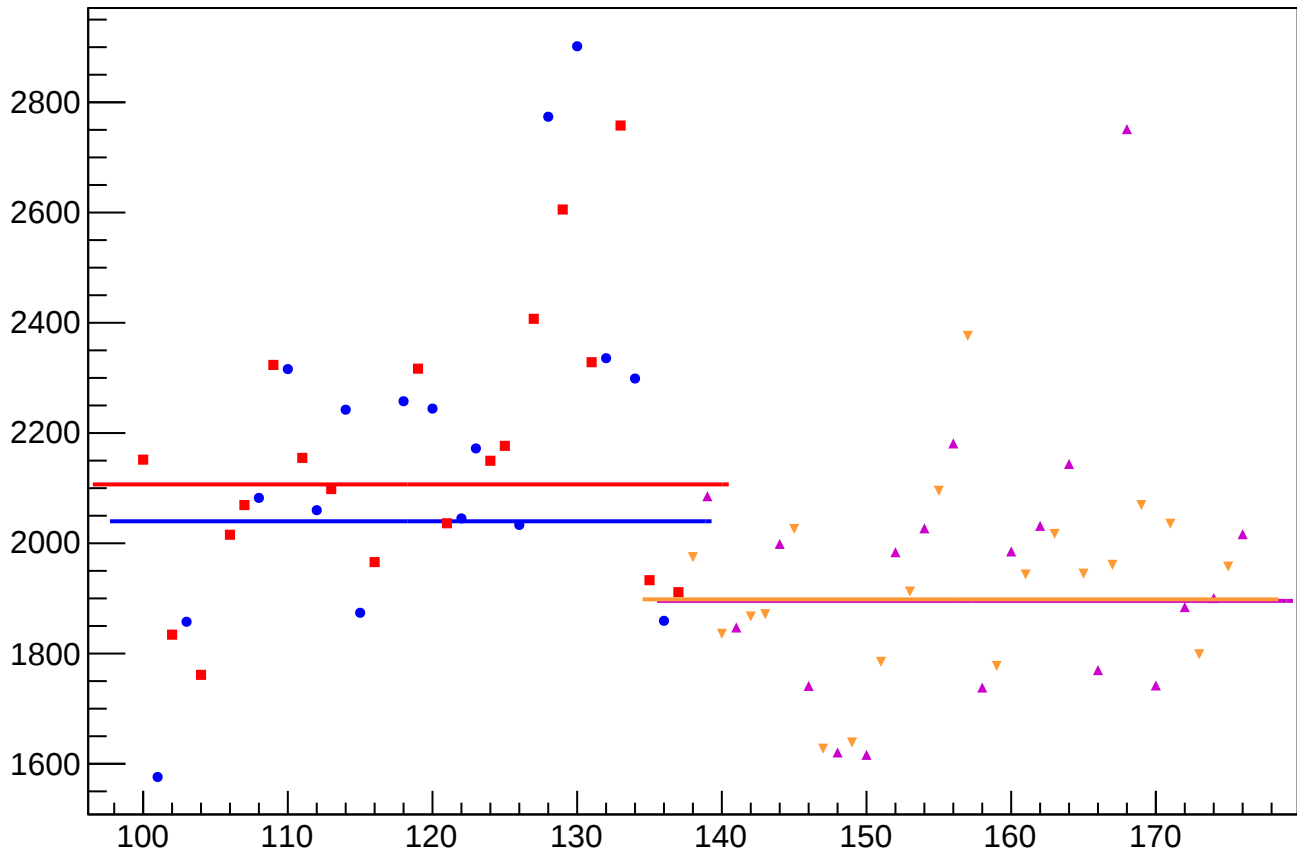
Left In: -2237.921 $\pm$ 496.835 χ^2 /NDF: 24.0/18

+ sign 1748.405 $\pm$ 419.244 χ^2 /NDF: 37.5/36

All: -336.257 $\pm$ 297.217 χ^2 /NDF: 123.7/74

- sign -2442.609 $\pm$ 421.420 χ^2 /NDF: 36.5/37

asym_usr_rms vs Slug



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

Left Out: 1898.252 $\pm$ 0.348 χ^2 /NDF: 217119.0/19

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

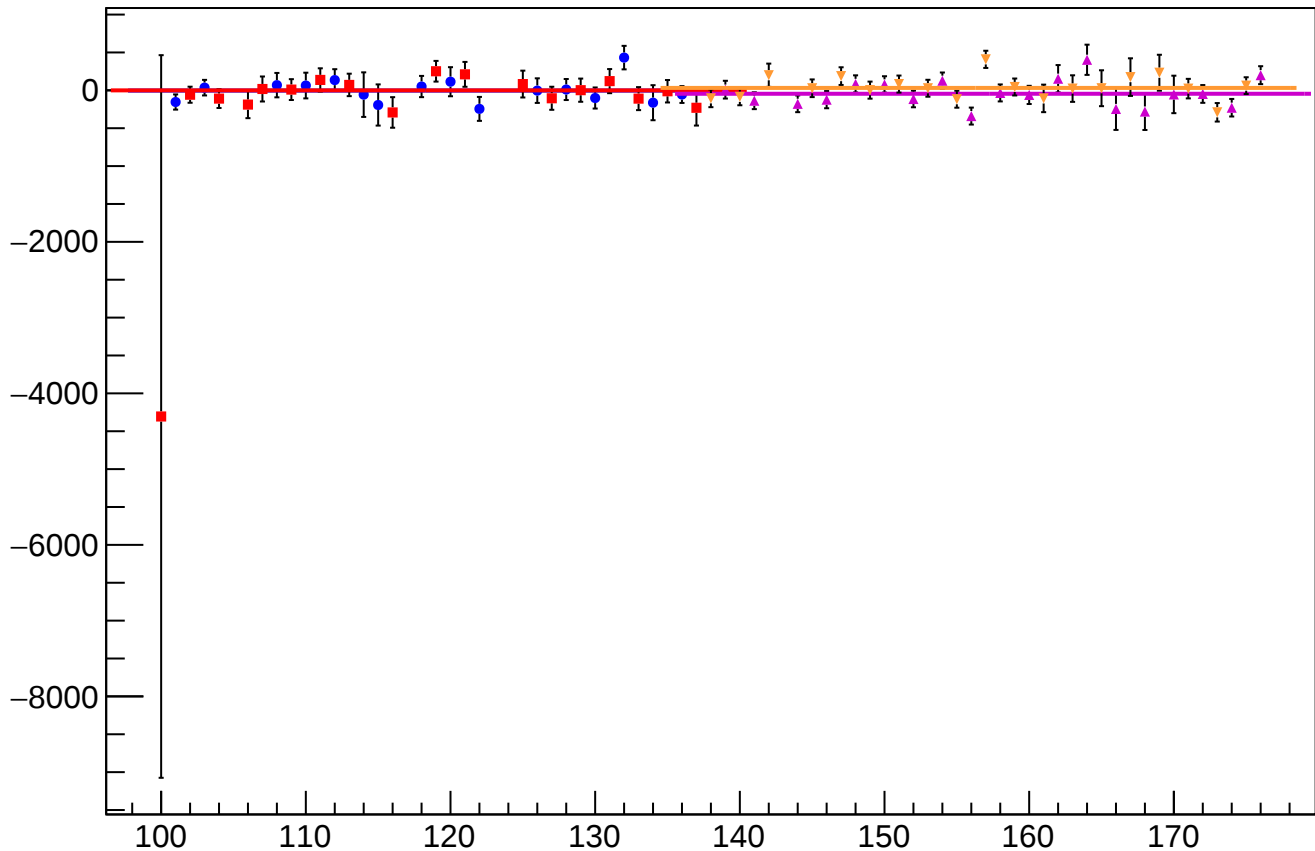
Left In: 1895.510 $\pm$ 0.351 χ^2 /NDF: 389193.8/18

+ sign 1936.947 $\pm$ 0.296 χ^2 /NDF: 594451.8/36

All: 1945.825 $\pm$ 0.210 χ^2 /NDF: 1282403.9/74

- sign 1954.795 $\pm$ 0.298 χ^2 /NDF: 686149.2/37

reg_asym_dsl_mean vs Slug



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

Left Out: 31.951 ± 29.594 χ^2/NDF : 27.2/18

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

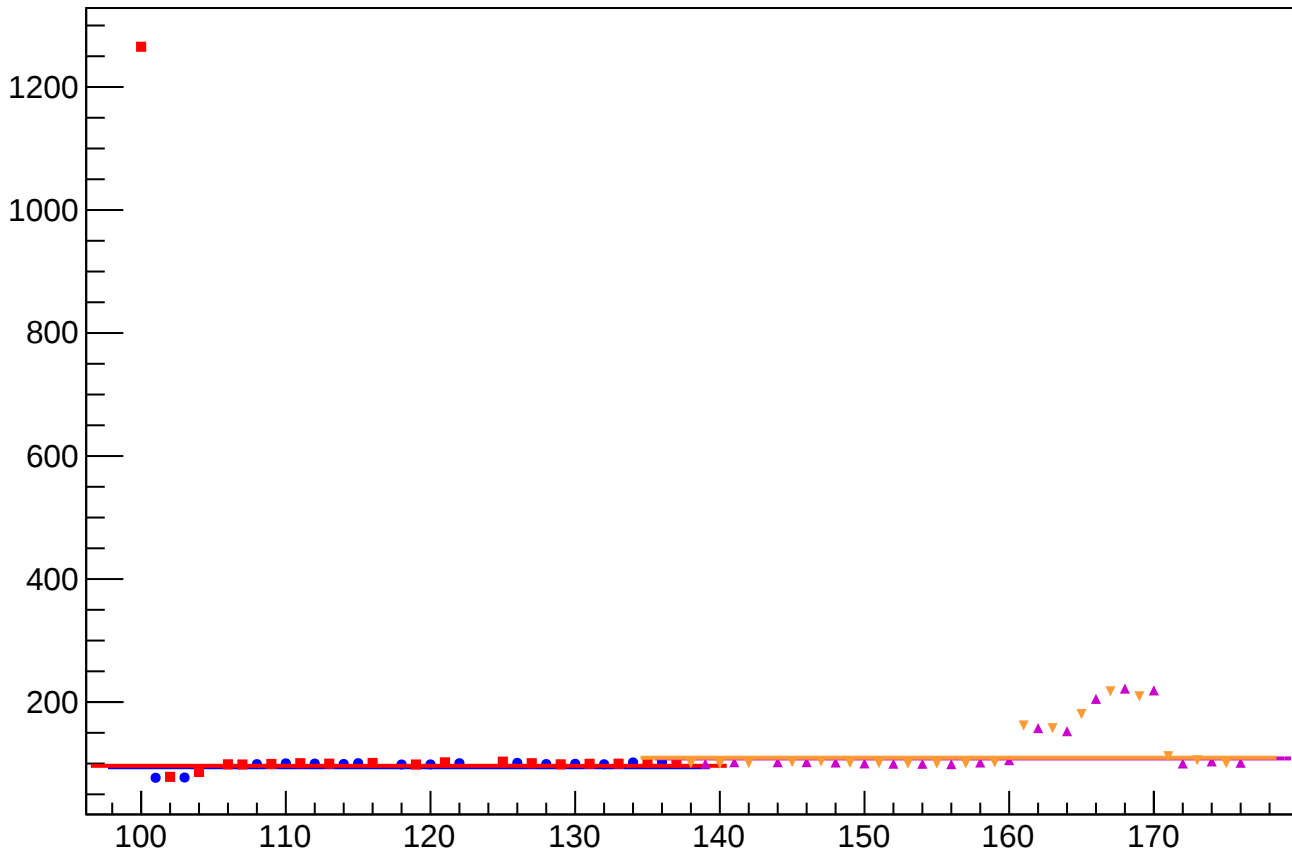
Left In: -45.300 ± 28.922 χ^2/NDF : 29.8/18

+ sign 18.074 ± 23.041 χ^2/NDF : 43.9/34

All: -5.357 ± 16.176 χ^2/NDF : 90.7/71

- sign -28.131 ± 22.715 χ^2/NDF : 44.7/36

reg_asym_dsl_rms vs Slug



Right In: 94.068 ± 0.026 χ^2/NDF : 152285.6/15

Left Out: 109.495 ± 0.021 χ^2/NDF : 1368452.7/18

Right Out: 96.372 ± 0.026 χ^2/NDF : 209228.5/17

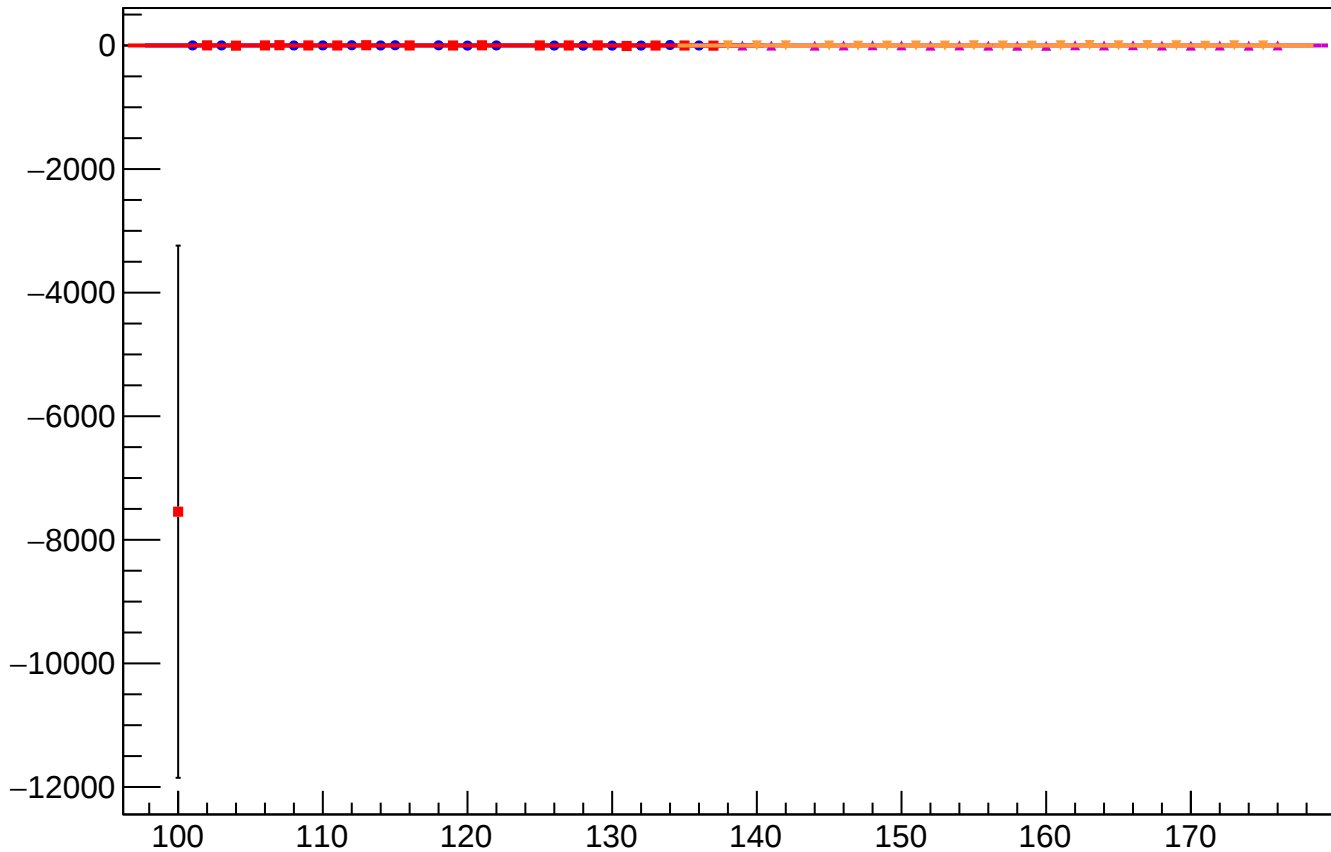
Left In: 108.351 ± 0.020 χ^2/NDF : 1441708.1/18

+ sign 103.420 ± 0.016 χ^2/NDF : 1734794.0/34

All: 103.593 ± 0.011 χ^2/NDF : 3517396.6/71

- sign 103.761 ± 0.016 χ^2/NDF : 1782379.4/36

asym_dsl_correction_mean vs Slug



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

Left Out: -0.378 $\pm$ 0.524 χ^2 /NDF: 26.9/18

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

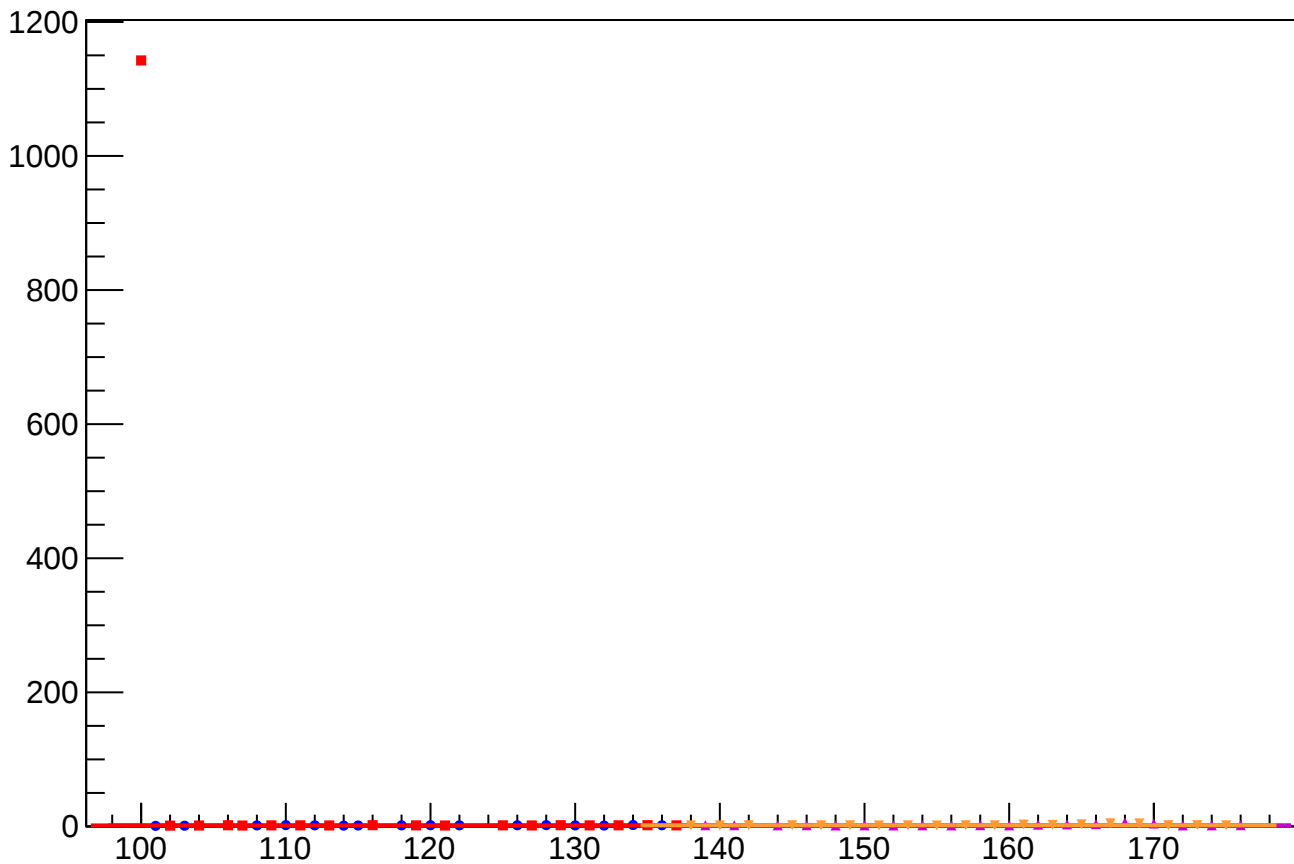
Left In: 0.014 $\pm$ 0.531 χ^2 /NDF: 22.3/18

+ sign -0.041 $\pm$ 0.399 χ^2 /NDF: 37.6/34

All: 0.045 $\pm$ 0.286 χ^2 /NDF: 82.9/71

- sign 0.135 $\pm$ 0.409 χ^2 /NDF: 45.2/36

asym_dsl_correction_rms vs Slug



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

Left Out: 1.744 $\pm$ 0.000 χ^2 /NDF:1483911.0/18

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

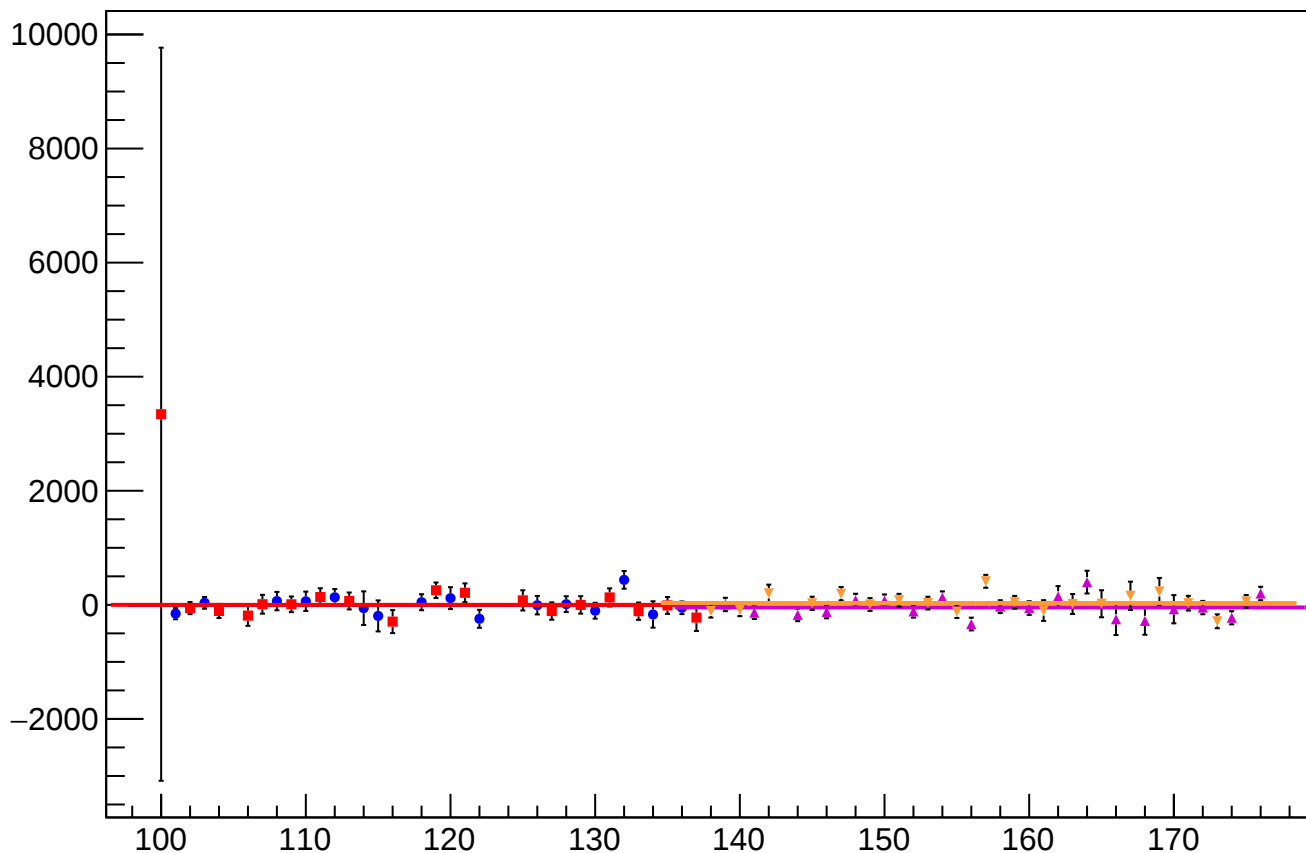
Left In: 1.813 $\pm$ 0.000 χ^2 /NDF:1797606.9/18

+ sign 1.608 $\pm$ 0.000 χ^2 /NDF: 2537751.1/34

All: 1.657 $\pm$ 0.000 χ^2 /NDF: 4903003.5/71

- sign 1.708 $\pm$ 0.000 χ^2 /NDF: 2303671.4/36

asym_dsl_mean vs Slug



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

Left Out: 32.804 ± 29.603 χ^2/NDF : 27.5/18

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

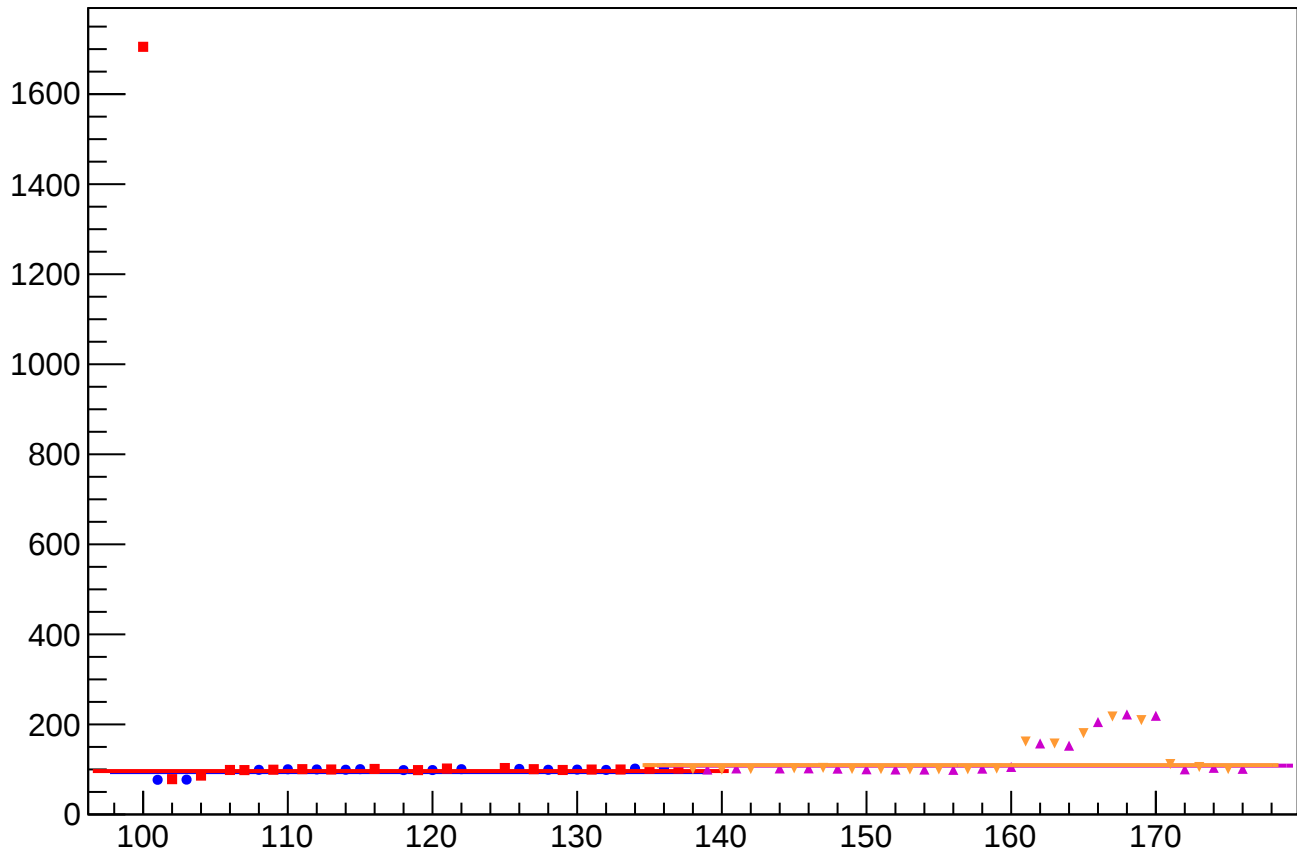
Left In: -45.451 ± 28.931 χ^2/NDF : 29.2/18

+ sign 18.663 ± 23.047 χ^2/NDF : 44.4/34

All: -5.052 ± 16.181 χ^2/NDF : 90.2/71

- sign -28.102 ± 22.722 χ^2/NDF : 43.7/36

asym_dsl_rms vs Slug



Right In: 94.093+/-0.026 χ^2/NDF : 152305.3/15

Left Out: 109.525+/-0.021 χ^2/NDF : 1369780.5/18

Right Out: 96.381+/-0.026 χ^2/NDF : 214362.3/17

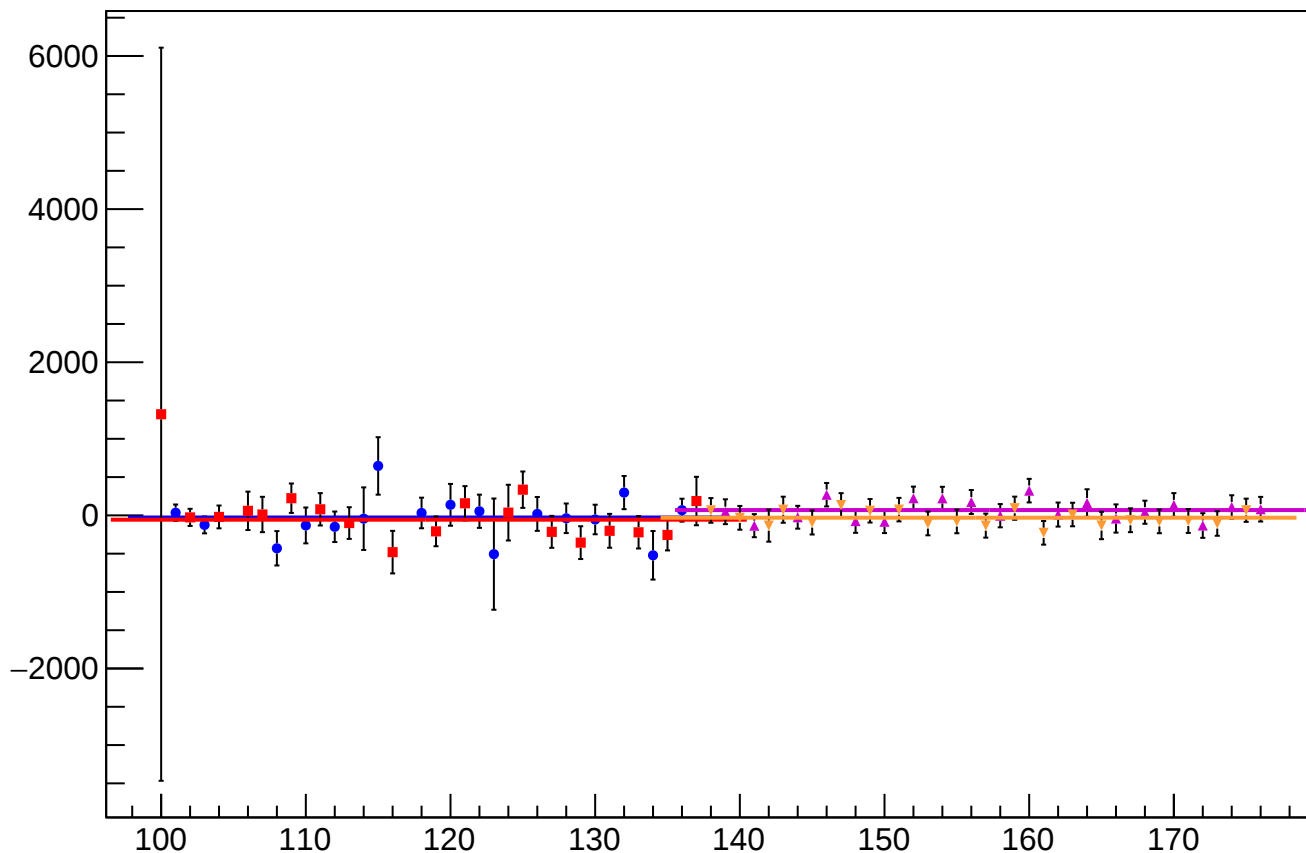
Left In: 108.381+/-0.020 χ^2/NDF : 1442954.3/18

+ sign 103.447+/-0.016 χ^2/NDF : 1736181.2/34

All: 103.618+/-0.011 χ^2/NDF : 3525554.9/71

- sign 103.783+/-0.016 χ^2/NDF : 1789157.7/36

reg_asym_dsr_mean vs Slug



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

Left Out: -30.477 ± 35.487 χ^2/NDF : 7.4/19

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

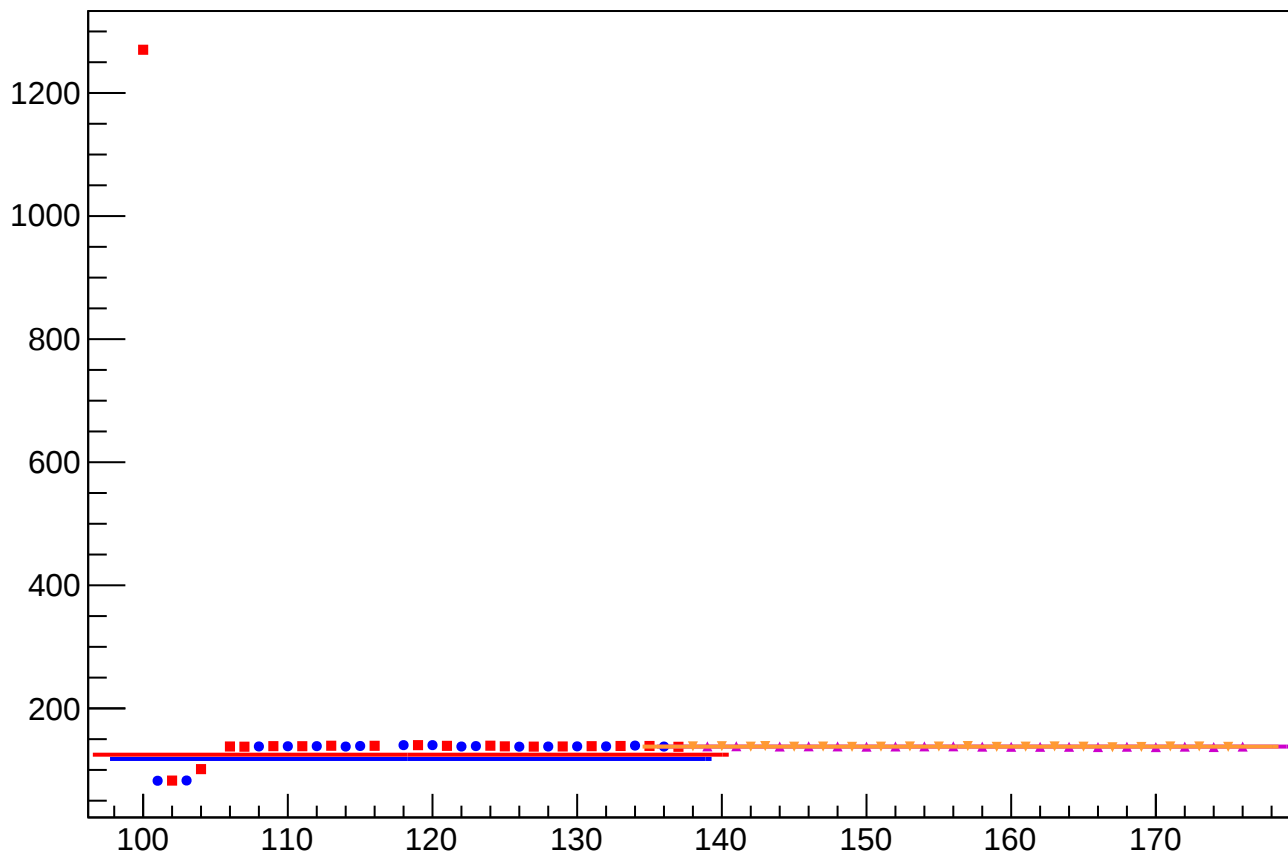
Left In: 69.273 ± 35.856 χ^2/NDF : 14.0/18

+ sign -29.514 ± 28.272 χ^2/NDF : 21.7/36

All: -3.169 ± 20.128 χ^2/NDF : 56.8/74

- sign 23.910 ± 28.663 χ^2/NDF : 33.3/37

reg_asym_dsr_rms vs Slug



Right In: 117.815 ± 0.033 χ^2/NDF : 666581.7/16

Left Out: 137.899 ± 0.025 χ^2/NDF : 345.0/19

Right Out: 124.763 ± 0.034 χ^2/NDF : 569771.6/18

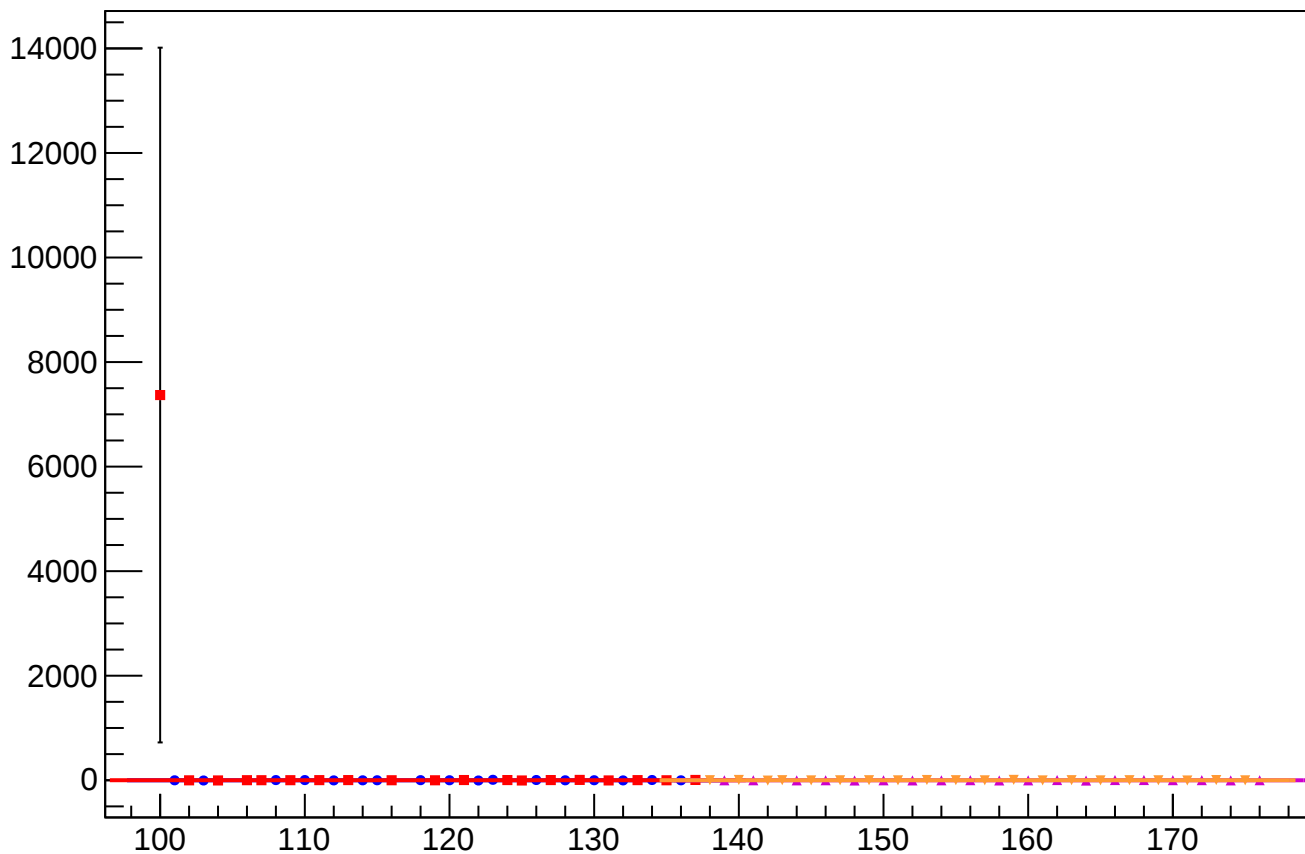
Left In: 137.931 ± 0.025 χ^2/NDF : 263.0/18

+ sign 130.562 ± 0.020 χ^2/NDF : 900938.1/36

All: 131.852 ± 0.014 χ^2/NDF : 1576767.5/74

- sign 133.178 ± 0.020 χ^2/NDF : 667388.1/37

asym_dsr_correction_mean vs Slug



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

Left Out: 0.285 ± 0.624 χ^2/NDF : 24.6/19

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

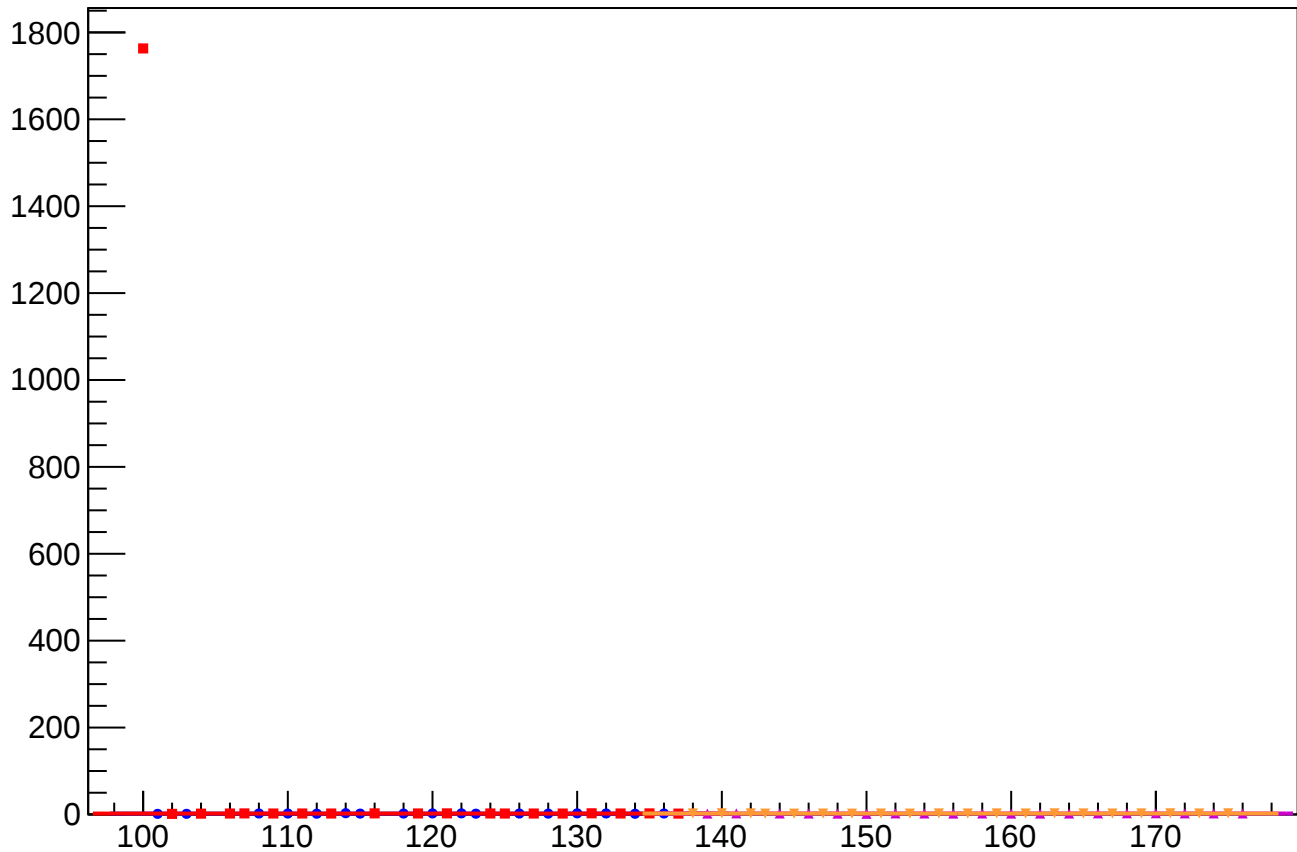
Left In: -0.538 ± 0.631 χ^2/NDF : 17.2/18

+ sign -0.080 ± 0.495 χ^2/NDF : 38.2/36

All: -0.098 ± 0.354 χ^2/NDF : 70.3/74

- sign -0.117 ± 0.507 χ^2/NDF : 32.1/37

asym_dsr_correction_rms vs Slug



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

Left Out: 2.229 $\pm$ 0.000 χ^2 /NDF: 292537.3/19

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

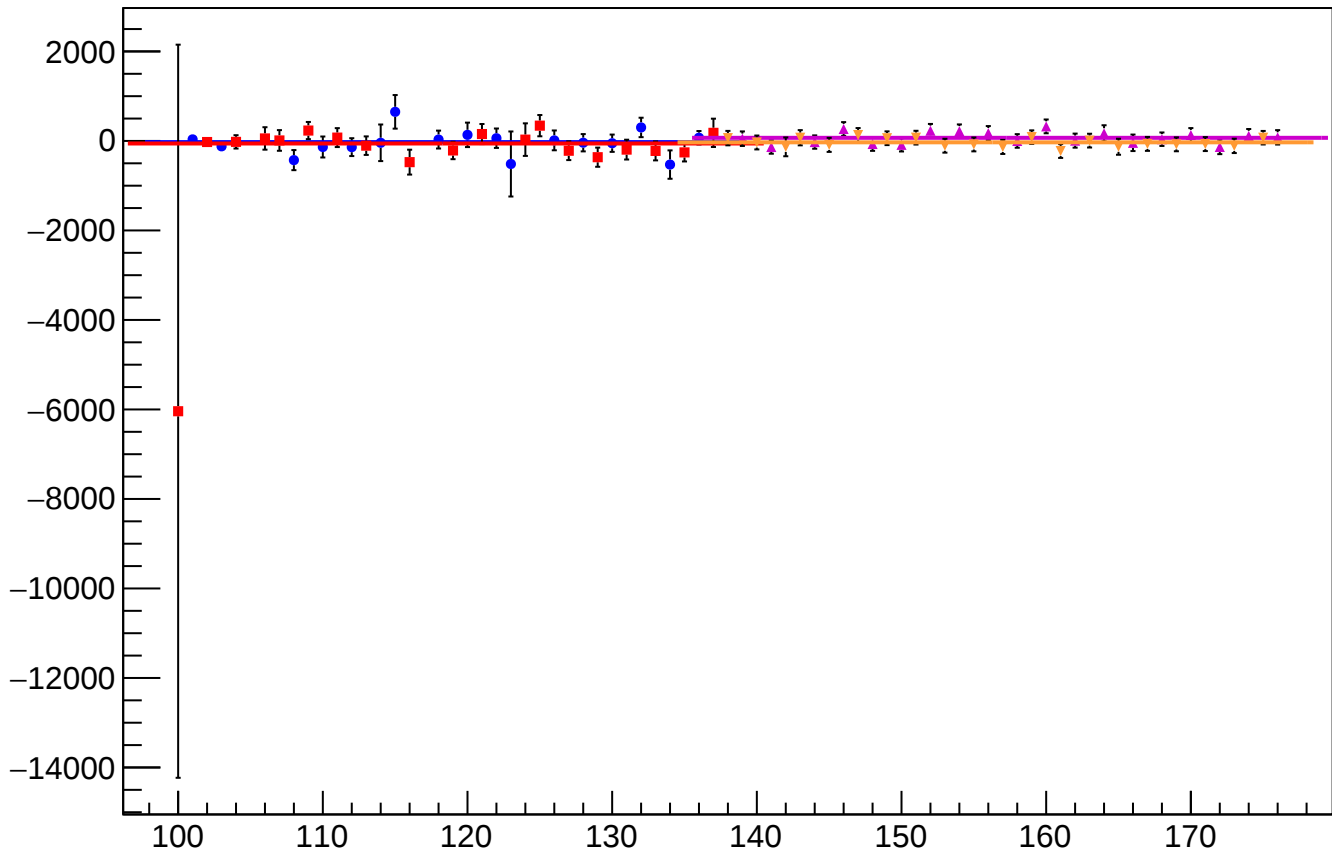
Left In: 2.195 $\pm$ 0.000 χ^2 /NDF: 488753.8/18

+ sign 2.095 $\pm$ 0.000 χ^2 /NDF: 1033406.2/36

All: 2.121 $\pm$ 0.000 χ^2 /NDF: 2089364.5/74

- sign 2.149 $\pm$ 0.000 χ^2 /NDF: 1044322.6/37

asym_dsr_mean vs Slug



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

Left Out: -31.029 ± 35.497 χ^2/NDF : 7.2/19

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

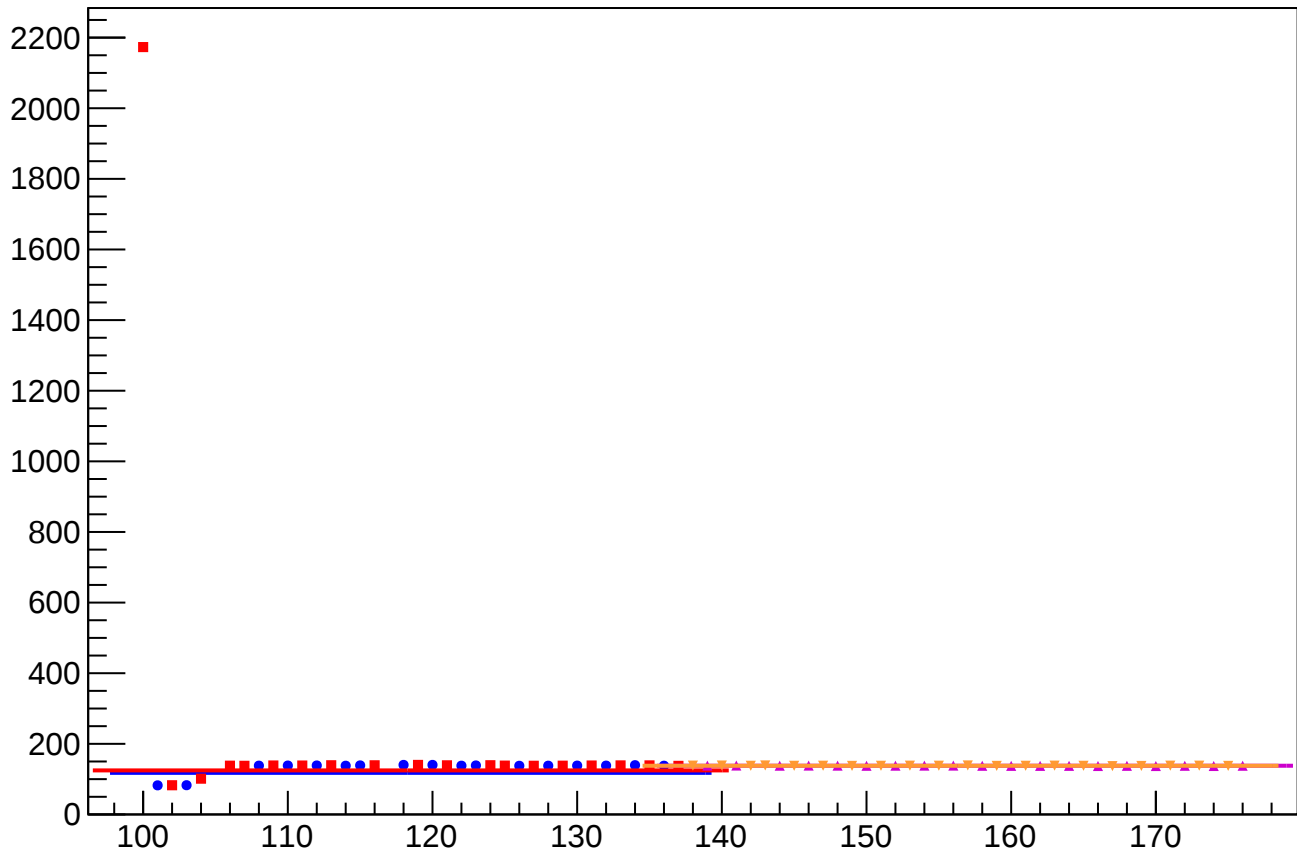
Left In: 69.540 ± 35.866 χ^2/NDF : 14.1/18

+ sign -29.286 ± 28.280 χ^2/NDF : 21.6/36

All: -3.124 ± 20.134 χ^2/NDF : 57.4/74

- sign 23.768 ± 28.671 χ^2/NDF : 34.1/37

asym_dsr_rms vs Slug



Right In: 117.847+/-0.033 χ^2/NDF : 666622.8/16

Left Out: 137.936+/-0.025 χ^2/NDF : 344.4/19

Right Out: 124.752+/-0.034 χ^2/NDF : 580350.4/18

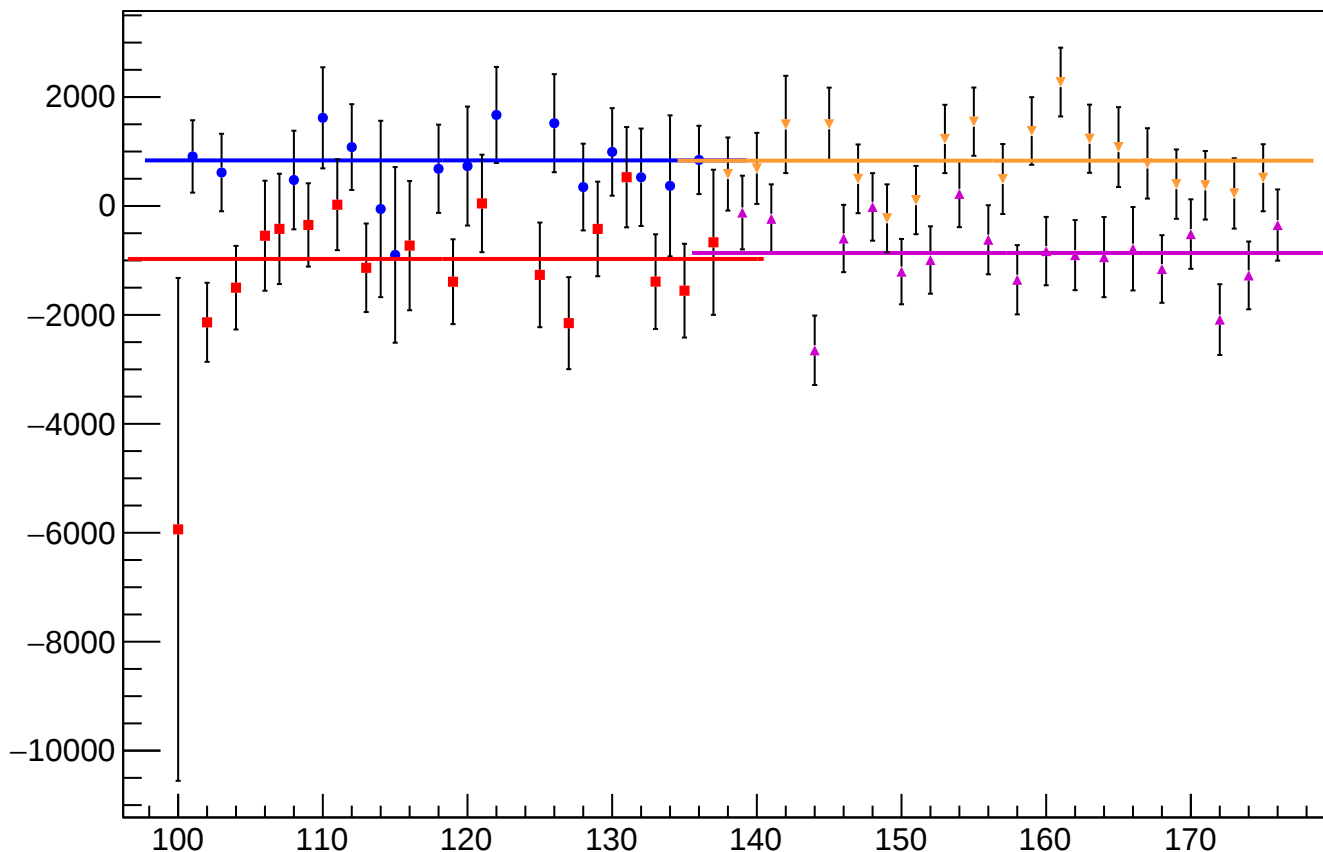
Left In: 137.969+/-0.025 χ^2/NDF : 259.8/18

+ sign 130.598+/-0.020 χ^2/NDF : 900983.4/36

All: 131.880+/-0.014 χ^2/NDF : 1587972.0/74

- sign 133.199+/-0.020 χ^2/NDF : 678645.0/37

reg_asym_left_avg_mean vs Slug



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

Left Out: 831.838 ± 148.882 χ^2/NDF : 16.8/18

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

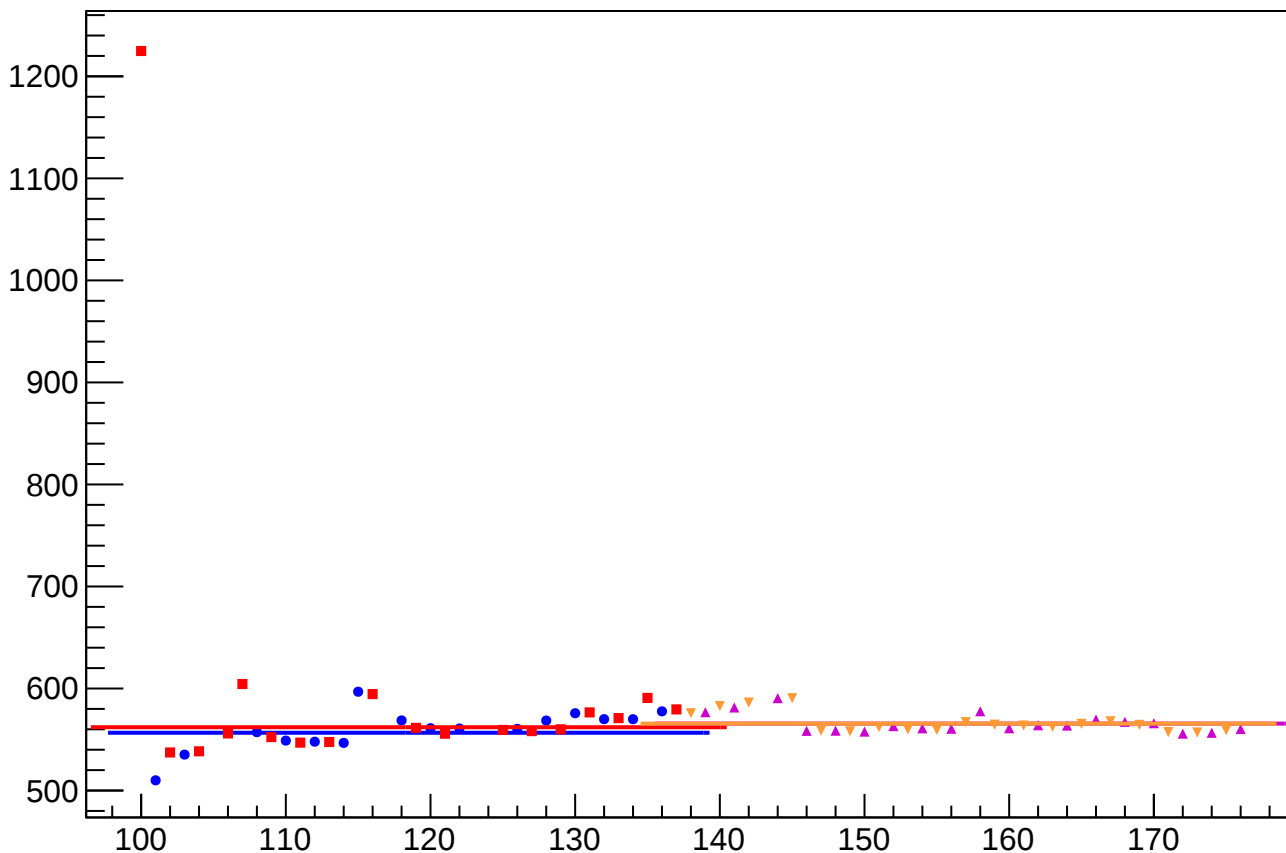
Left In: -862.635 ± 147.044 χ^2/NDF : 21.5/18

+ sign 833.514 ± 122.617 χ^2/NDF : 21.6/34

All: -44.065 ± 86.113 χ^2/NDF : 158.6/71

- sign -898.128 ± 120.963 χ^2/NDF : 36.0/36

reg_asym_left_avg_rms vs Slug



Right In: 556.637 $\pm$ 0.153 χ^2 /NDF: 18391.7/15

Left Out: 565.585 $\pm$ 0.105 χ^2 /NDF: 7636.7/18

Right Out: 562.048 $\pm$ 0.150 χ^2 /NDF: 55575.3/17

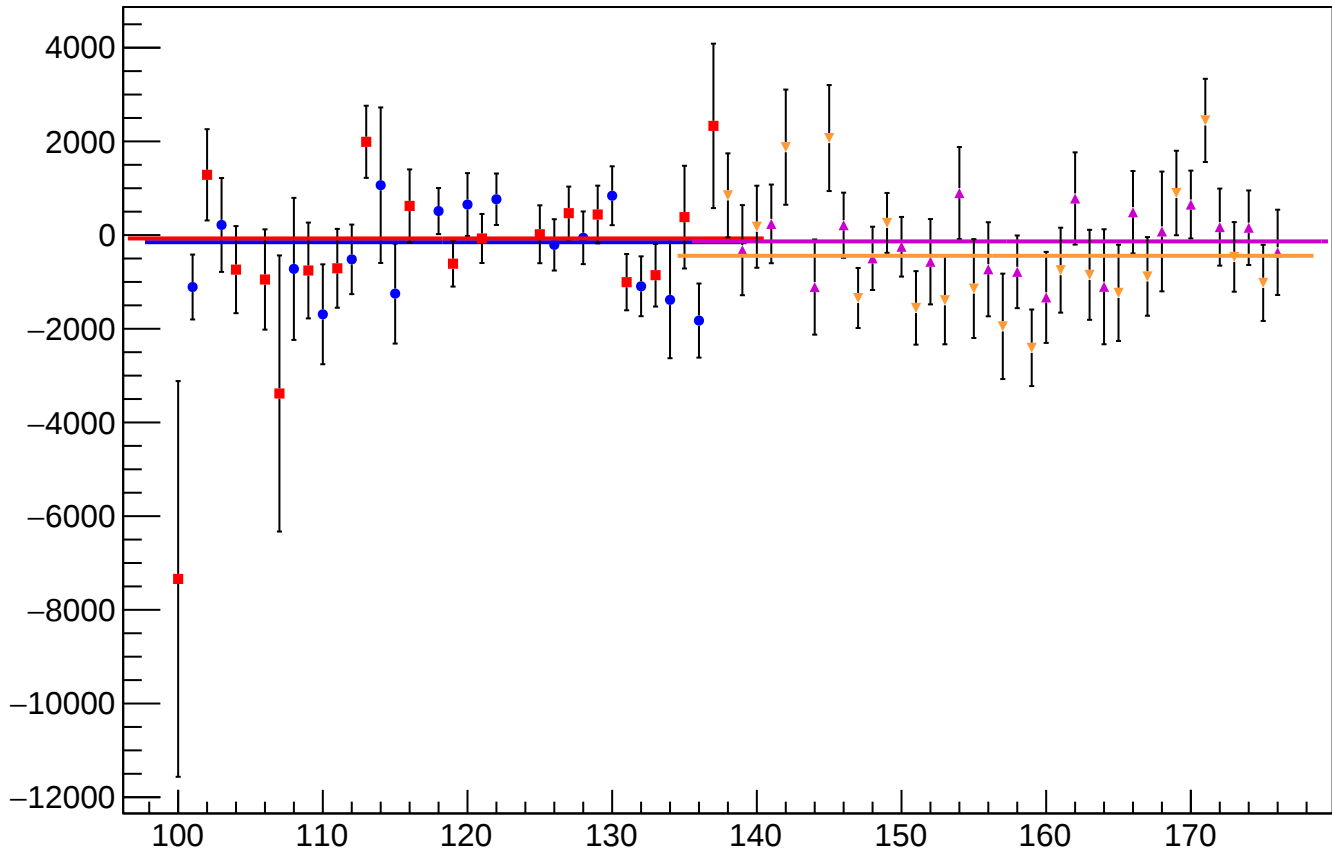
Left In: 565.606 $\pm$ 0.104 χ^2 /NDF: 7920.7/18

+ sign 562.706 $\pm$ 0.087 χ^2 /NDF: 28352.3/34

All: 563.593 $\pm$ 0.061 χ^2 /NDF: 92433.1/71

- sign 564.456 $\pm$ 0.086 χ^2 /NDF: 63874.5/36

asym_left_avg_correction_mean vs Slug



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

Left Out: -441.888+/-198.830 χ^2/NDF : 39.7/18

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

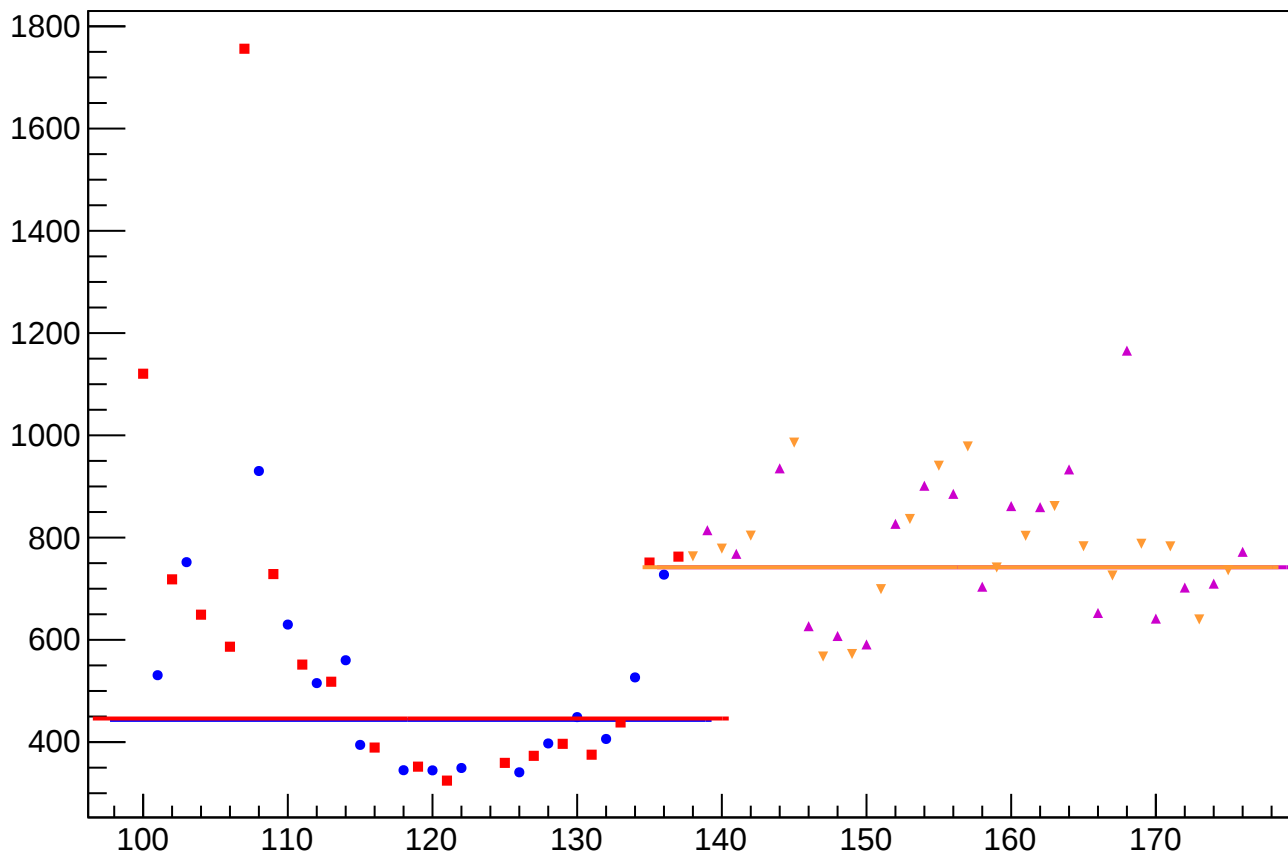
Left In: -134.808+/-196.397 χ^2/NDF : 9.2/18

+ sign -282.565+/-133.473 χ^2/NDF : 63.2/34

All: -190.537+/-93.912 χ^2/NDF : 98.4/71

- sign -100.310+/-132.161 χ^2/NDF : 34.2/36

asym_left_avg_correction_rms vs Slug



Right In: 443.451+/-0.127 χ^2/NDF : 1060940.9/15

Left Out: 742.030+/-0.141 χ^2/NDF : 668354.2/18

Right Out: 446.147+/-0.126 χ^2/NDF : 1459986.4/17

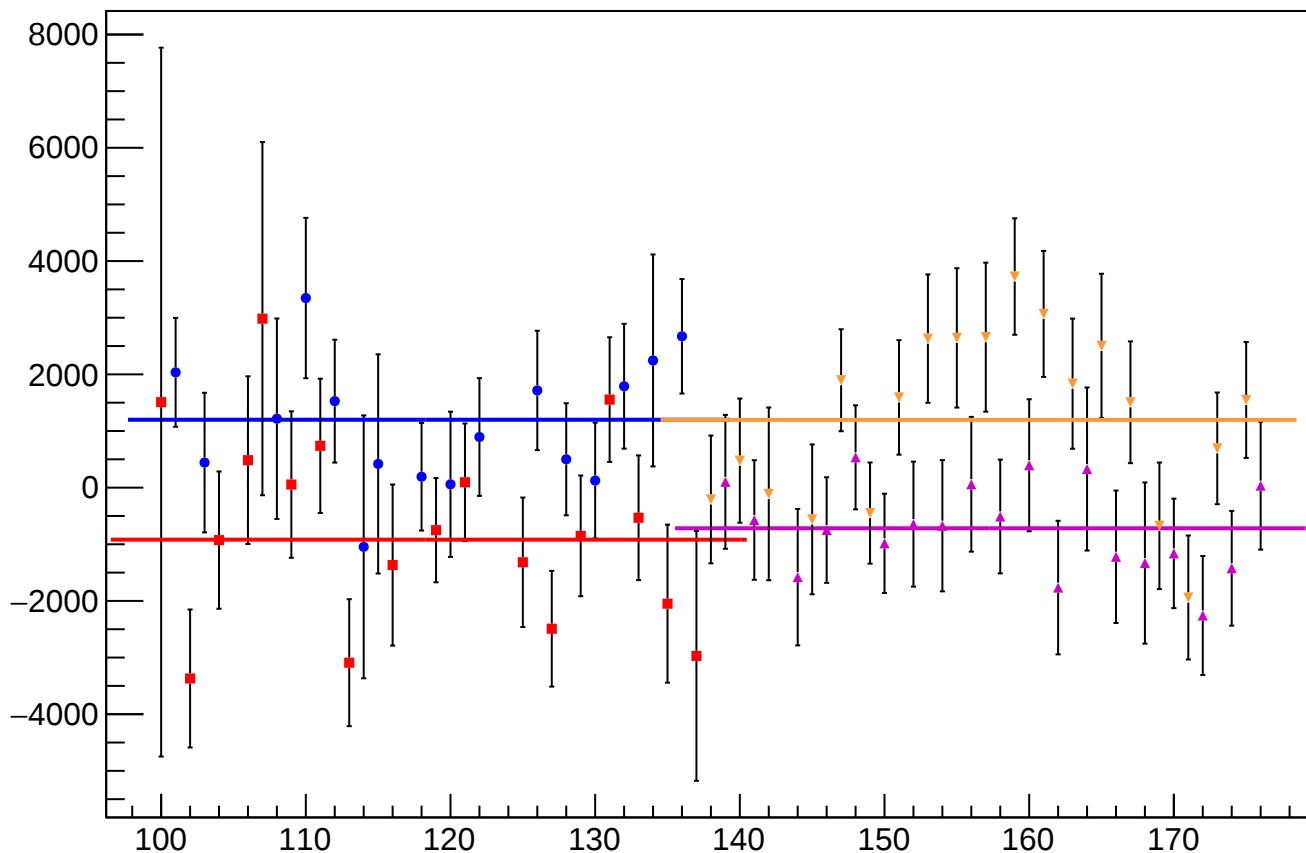
Left In: 741.954+/-0.139 χ^2/NDF : 844810.1/18

+ sign 578.000+/-0.094 χ^2/NDF : 4207001.0/34

All: 579.059+/-0.066 χ^2/NDF : 8994615.9/71

- sign 580.097+/-0.093 χ^2/NDF : 4787365.7/36

asym_left_avg_mean vs Slug



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

Left Out: 1196.495 $\pm$ 252.245 χ^2 /NDF:34.6/18

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

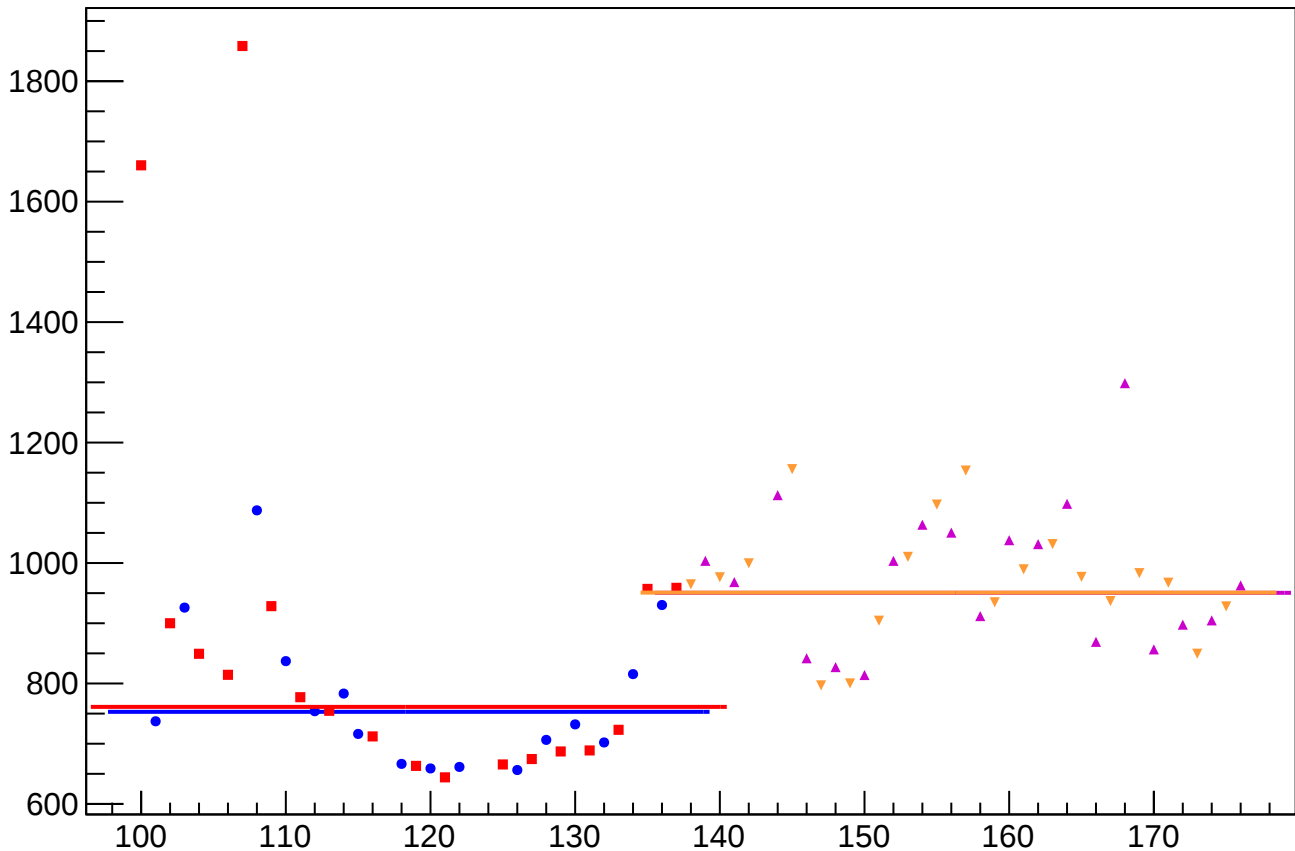
Left In: -717.264 $\pm$ 249.159 χ^2 /NDF:9.3/18

+ sign 1197.540 $\pm$ 191.782 χ^2 /NDF: 45.8/34

All: 188.068 $\pm$ 134.936 χ^2 /NDF: 133.5/71

- sign -801.580 $\pm$ 189.889 χ^2 /NDF: 32.8/36

asym_left_avg_rms vs Slug



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

Left Out: 950.866 $\pm$ 0.178 χ^2 /NDF: 290710.6/18

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

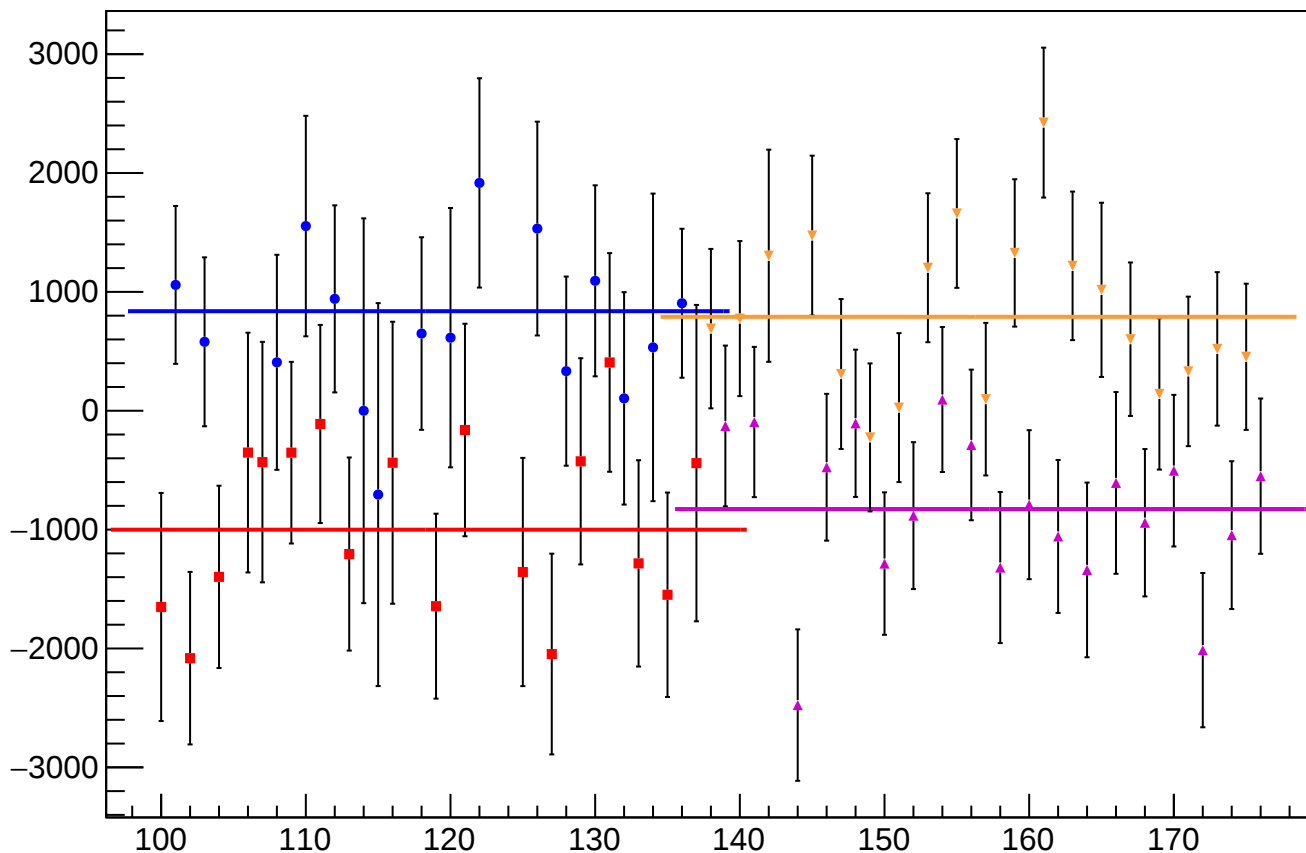
Left In: 950.502 $\pm$ 0.176 χ^2 /NDF: 392833.1/18

+ sign 867.351 $\pm$ 0.136 χ^2 /NDF: 1062822.9/34

All: 869.262 $\pm$ 0.095 χ^2 /NDF: 2457316.7/71

- sign 871.135 $\pm$ 0.134 χ^2 /NDF: 1394100.6/36

reg_asym_left_dd_mean vs Slug



Right In: 837.557 $\pm$ 216.015 χ^2 /NDF: 5.7/15

Left Out: 790.234 $\pm$ 148.759 χ^2 /NDF:19.8/18

Right Out: -1000.617 $\pm$ 207.748 χ^2 /NDF: 12.5/17

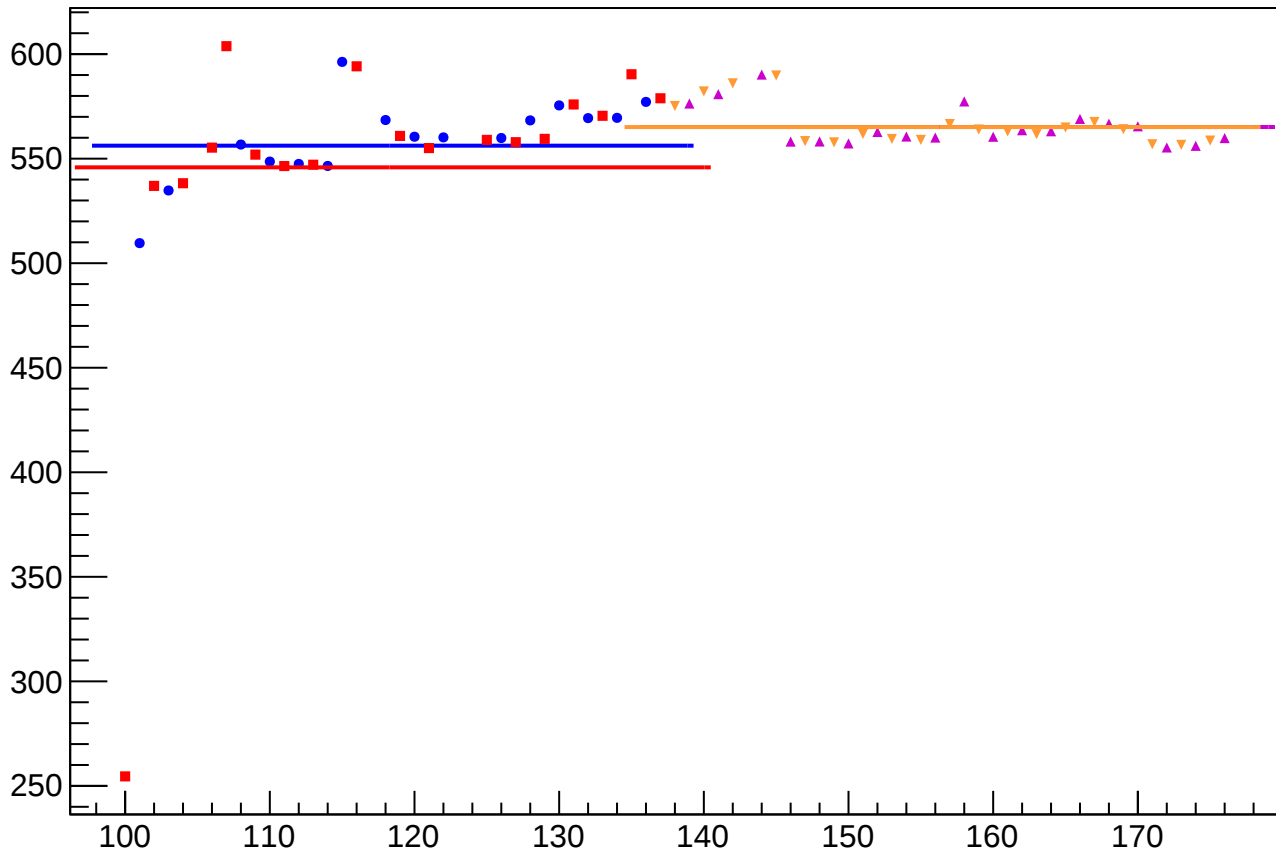
Left In: -826.979 $\pm$ 146.923 χ^2 /NDF:19.6/18

+ sign 805.457 $\pm$ 122.518 χ^2 /NDF: 25.5/34

All: -57.568 $\pm$ 85.713 χ^2 /NDF: 155.4/71

- sign -884.871 $\pm$ 119.956 χ^2 /NDF: 32.6/36

reg_asym_left_dd_rms vs Slug



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

Left Out: 565.117 $\pm$ 0.105 χ^2 /NDF: 7570.9/18

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

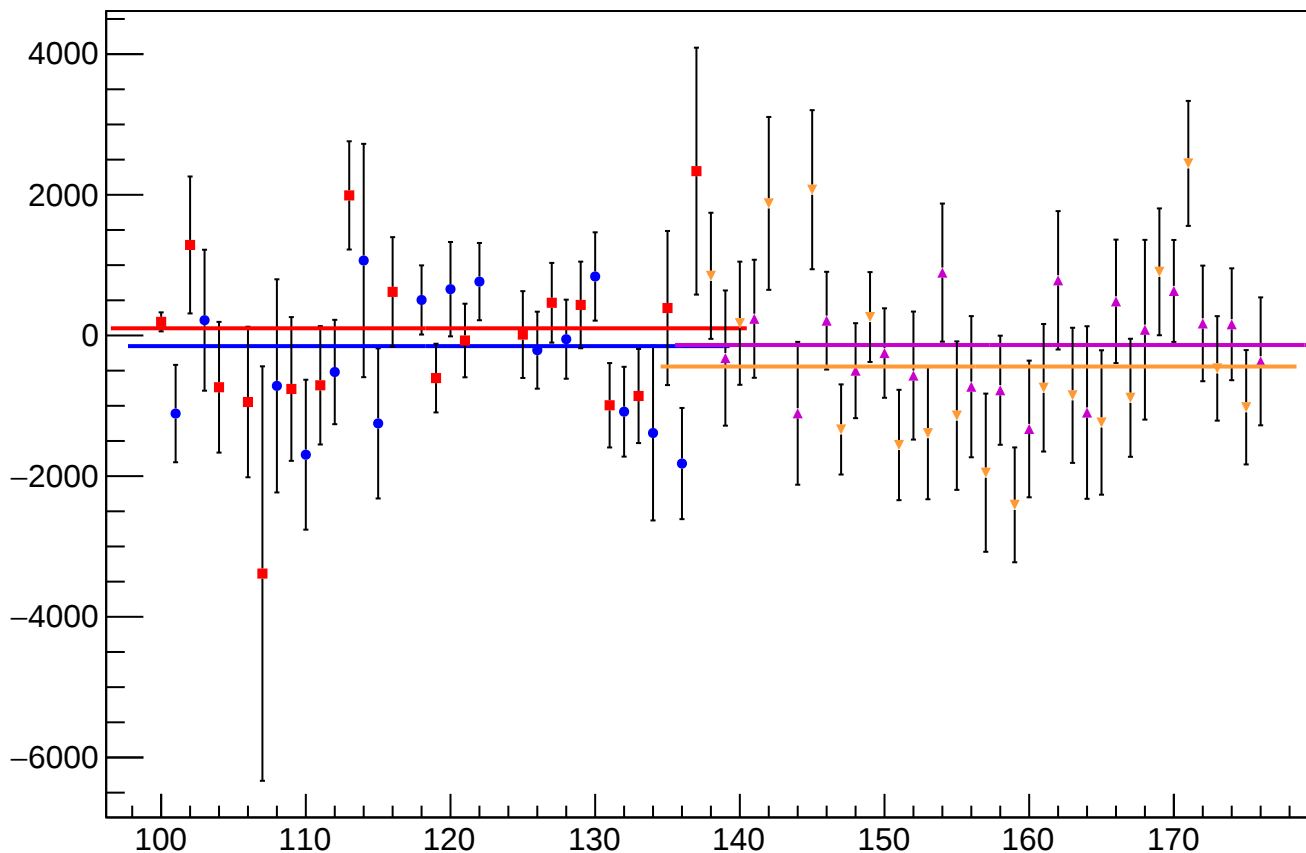
Left In: 565.138 $\pm$ 0.104 χ^2 /NDF: 7950.7/18

+ sign 562.252 $\pm$ 0.087 χ^2 /NDF: 28295.0/34

All: 560.441 $\pm$ 0.061 χ^2 /NDF: 256240.3/71

- sign 558.706 $\pm$ 0.085 χ^2 /NDF: 227089.7/36

asym_left_dd_correction_mean vs Slug



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

Left Out: -441.802+/-198.748 χ^2/NDF : 39.8/18

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

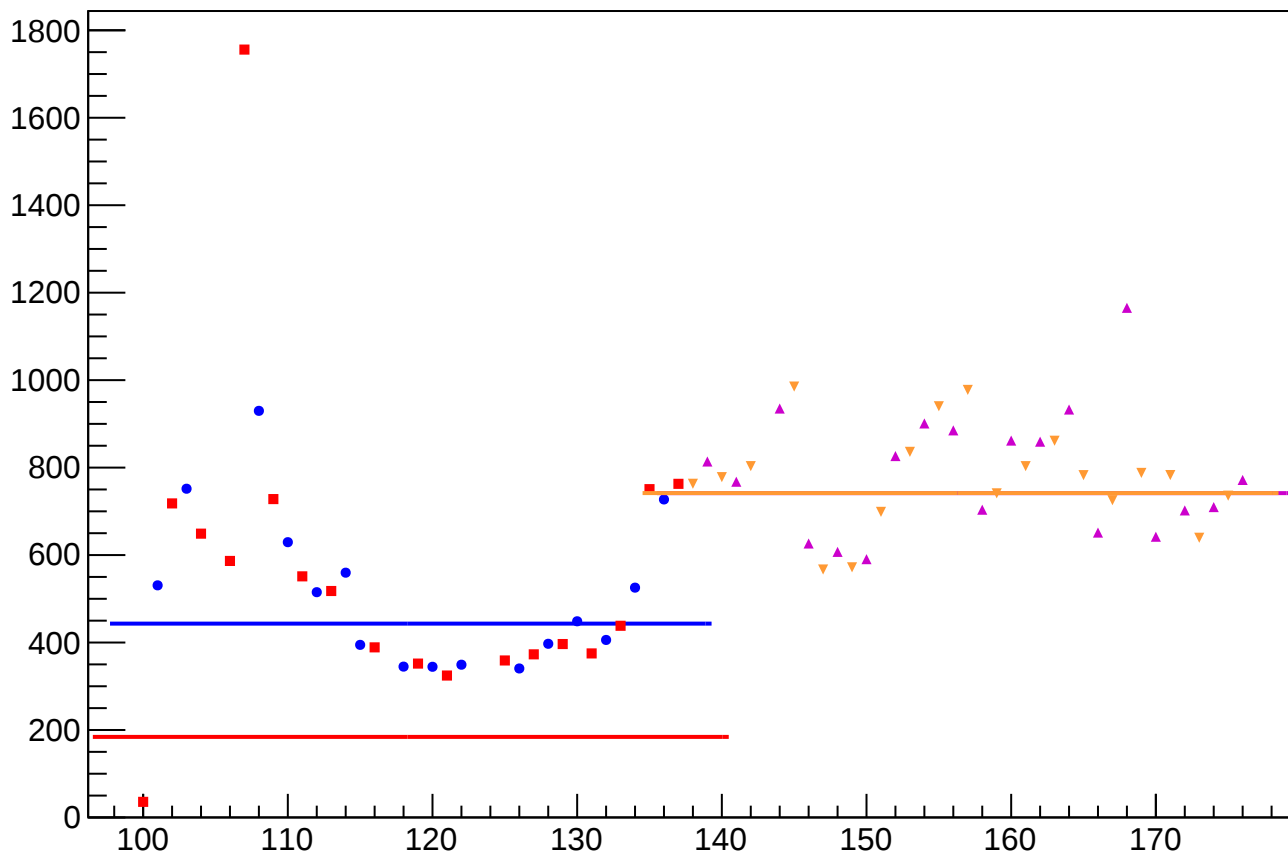
Left In: -135.730+/-196.309 χ^2/NDF : 9.1/18

+ sign -282.286+/-133.412 χ^2/NDF : 63.2/34

All: -62.866+/-77.075 χ^2/NDF : 100.7/71

- sign 47.056+/-94.428 χ^2/NDF : 33.4/36

asym_left_dd_correction_rms vs Slug



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

Left Out: 741.739+/-0.141 χ^2/NDF : 668996.3/18

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

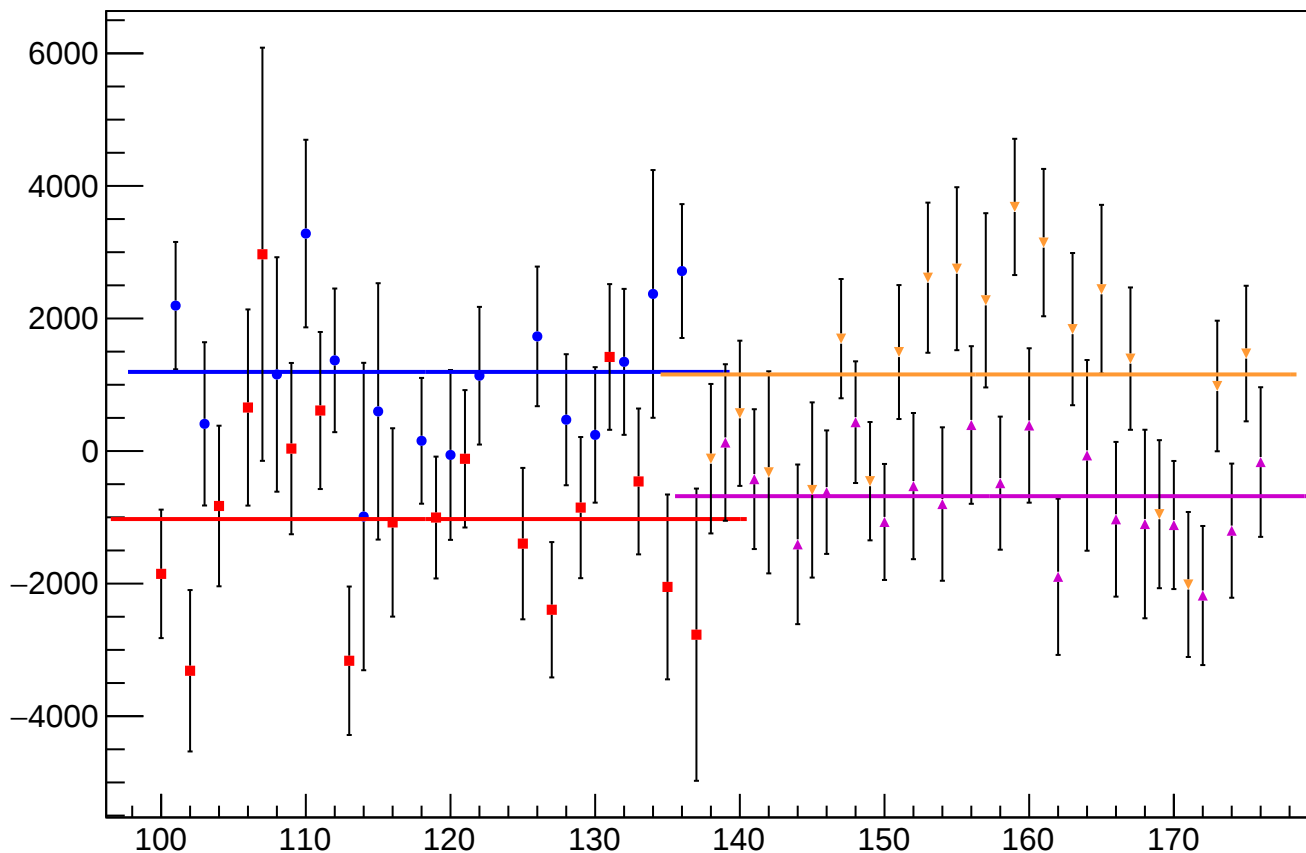
Left In: 741.619+/-0.139 χ^2/NDF : 844987.7/18

+ sign 577.742+/-0.094 χ^2/NDF : 4208354.1/34

All: 401.485+/-0.055 χ^2/NDF : 30766489.6/71

- sign 313.186+/-0.067 χ^2/NDF : 21318482.0/36

asym_left_dd_mean vs Slug



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

Left Out: 1155.783 $\pm$ 252.102 χ^2 /NDF:34.8/18

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

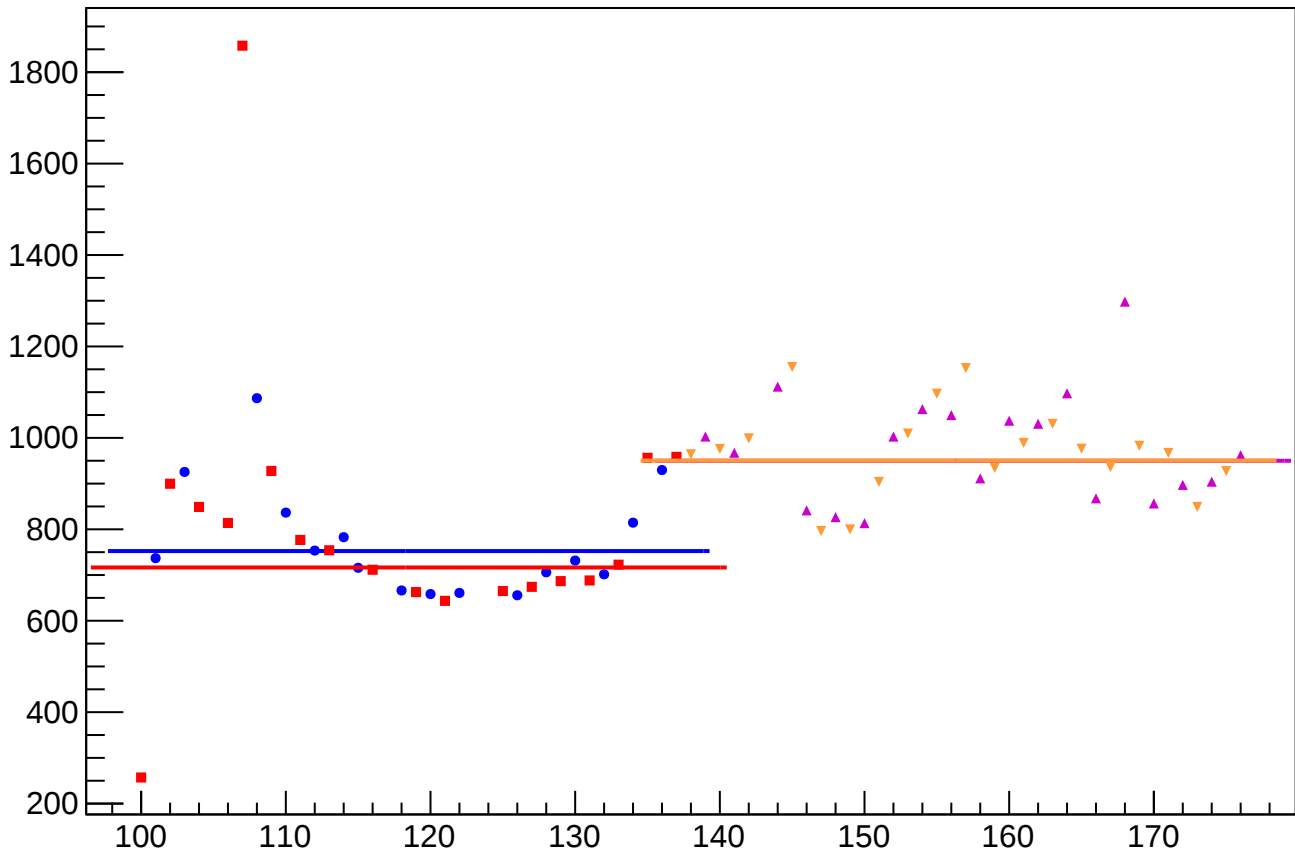
Left In: -680.774 $\pm$ 249.013 χ^2 /NDF:8.4/18

+ sign 1171.846 $\pm$ 191.665 χ^2 /NDF: 46.0/34

All: 141.155 $\pm$ 133.596 χ^2 /NDF: 134.0/71

- sign -832.793 $\pm$ 186.314 χ^2 /NDF: 31.8/36

asym_left_dd_rms vs Slug



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

Left Out: 950.339+/-0.178 χ^2/NDF : 290634.9/18

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

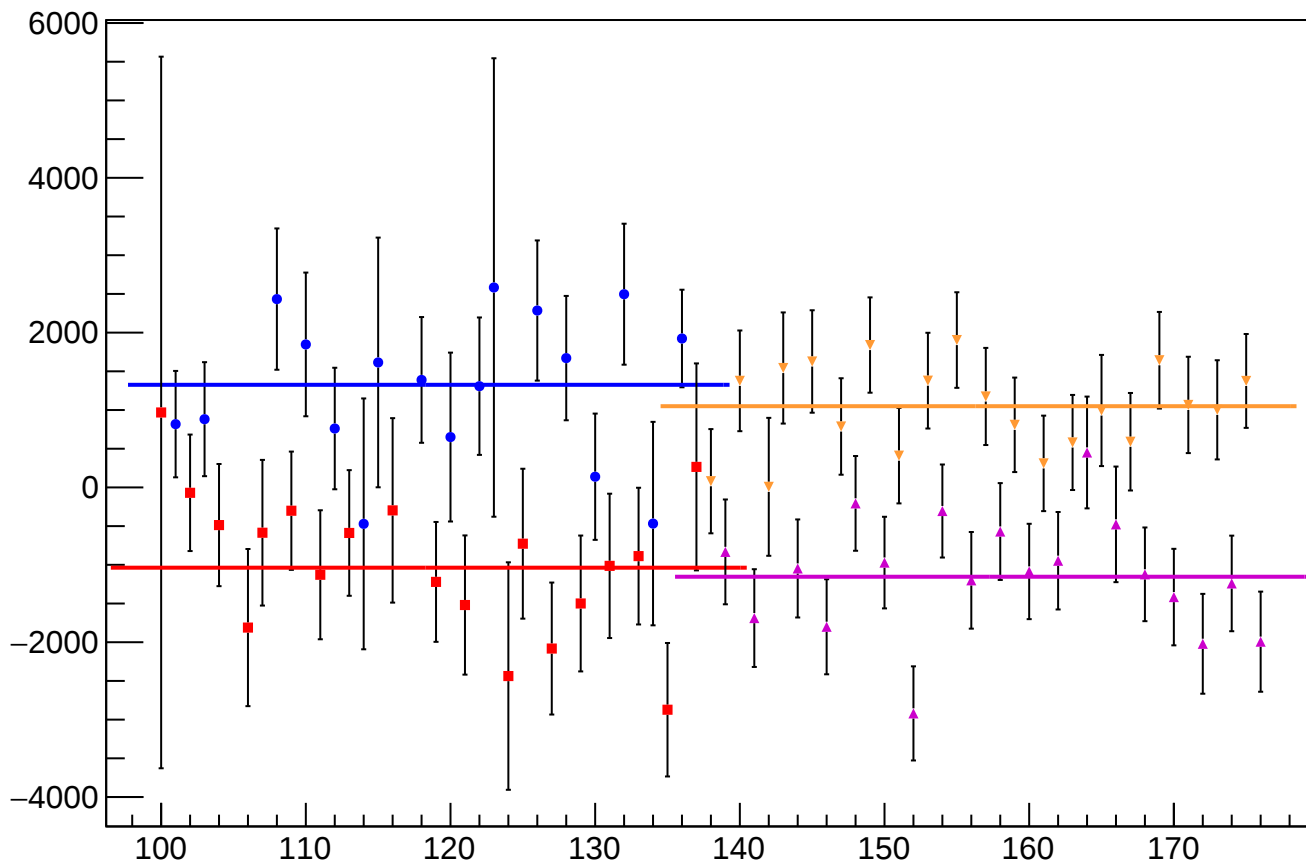
Left In: 949.940+/-0.176 χ^2/NDF : 393064.2/18

+ sign 866.822+/-0.136 χ^2/NDF : 1063479.0/34

All: 856.730+/-0.094 χ^2/NDF : 3207801.9/71

- sign 847.194+/-0.132 χ^2/NDF : 2133538.8/36

reg_asym_right_avg_mean vs Slug



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

Left Out: 1049.417 $\pm$ 143.748 χ^2 /NDF:14.0/19

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

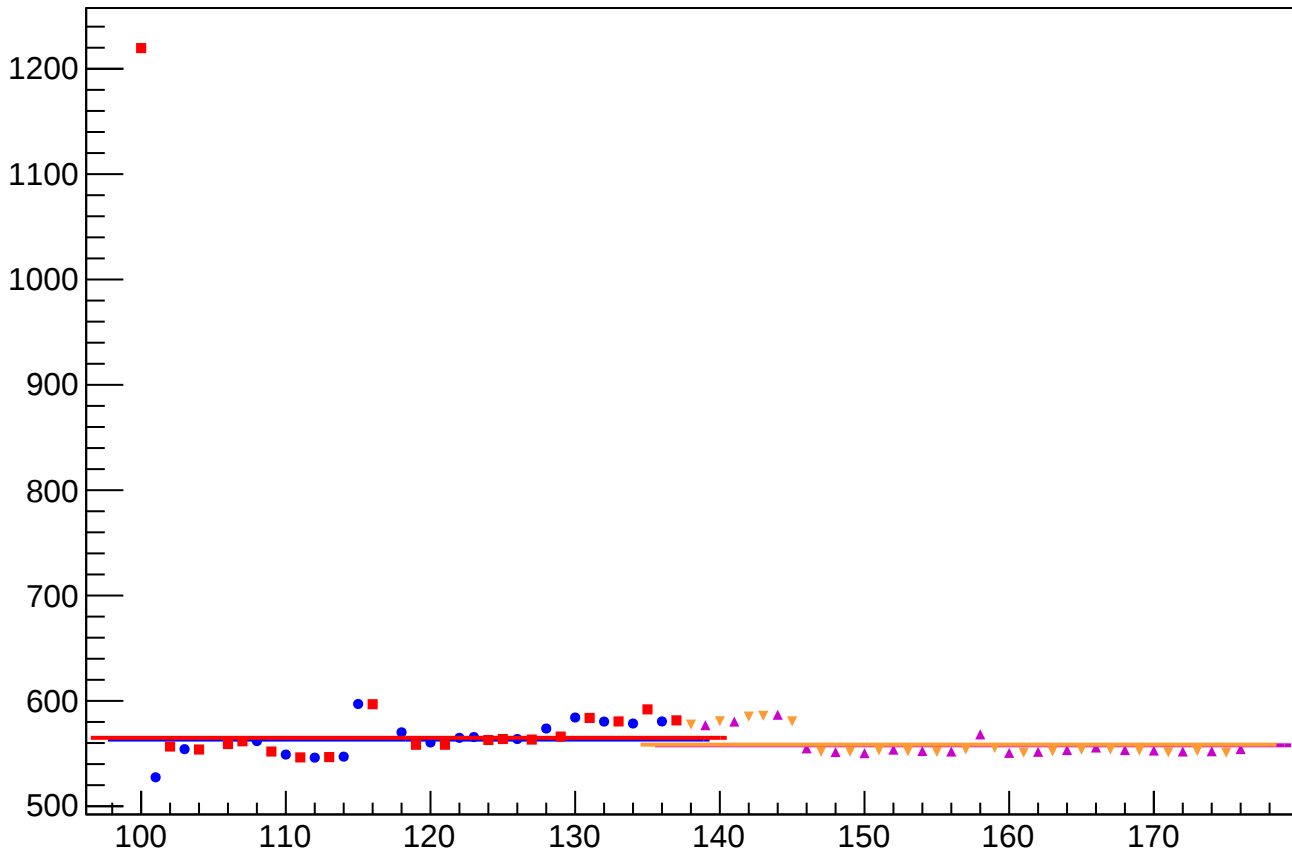
Left In: -1153.947 $\pm$ 145.037 χ^2 /NDF:25.4/18

+ sign 1133.108 $\pm$ 120.025 χ^2 /NDF: 28.0/36

All: 4.555 $\pm$ 84.730 χ^2 /NDF: 243.3/74

- sign -1116.571 $\pm$ 119.629 χ^2 /NDF: 39.1/37

reg_asym_right_avg_rms vs Slug



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

Left Out: 558.477+/-0.102 χ^2/NDF : 13717.2/19

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

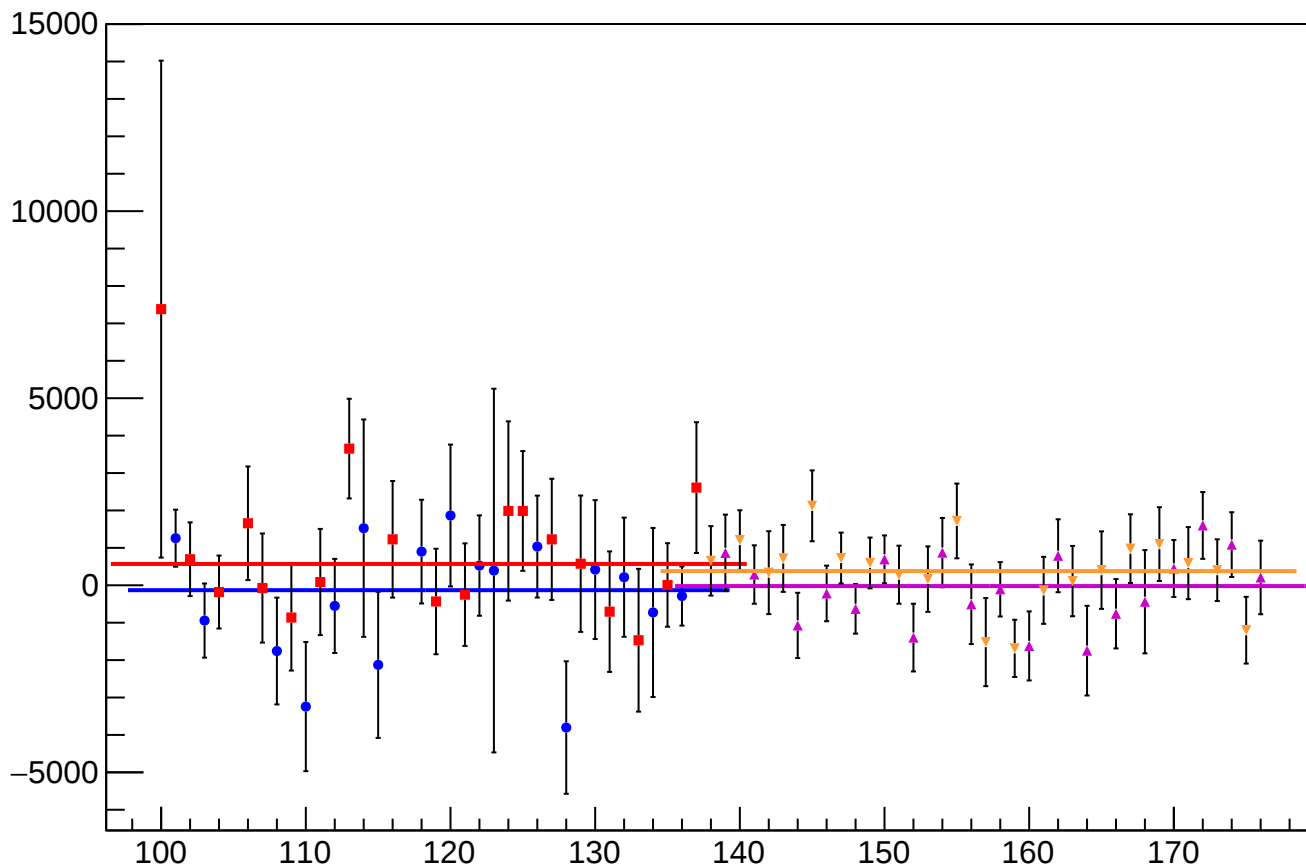
Left In: 557.855+/-0.103 χ^2/NDF : 11084.3/18

+ sign 559.927+/-0.085 χ^2/NDF : 26909.6/36

All: 560.025+/-0.060 χ^2/NDF : 88819.7/74

- sign 560.122+/-0.085 χ^2/NDF : 61907.4/37

asym_right_avg_correction_mean vs Slug



Right In: -131.097 ± 327.588 $\chi^2/\text{NDF}: 17.2/16$

Left Out: 379.306 ± 196.177 $\chi^2/\text{NDF}: 21.4/19$

Right Out: 569.844 ± 332.404 $\chi^2/\text{NDF}: 14.6/18$

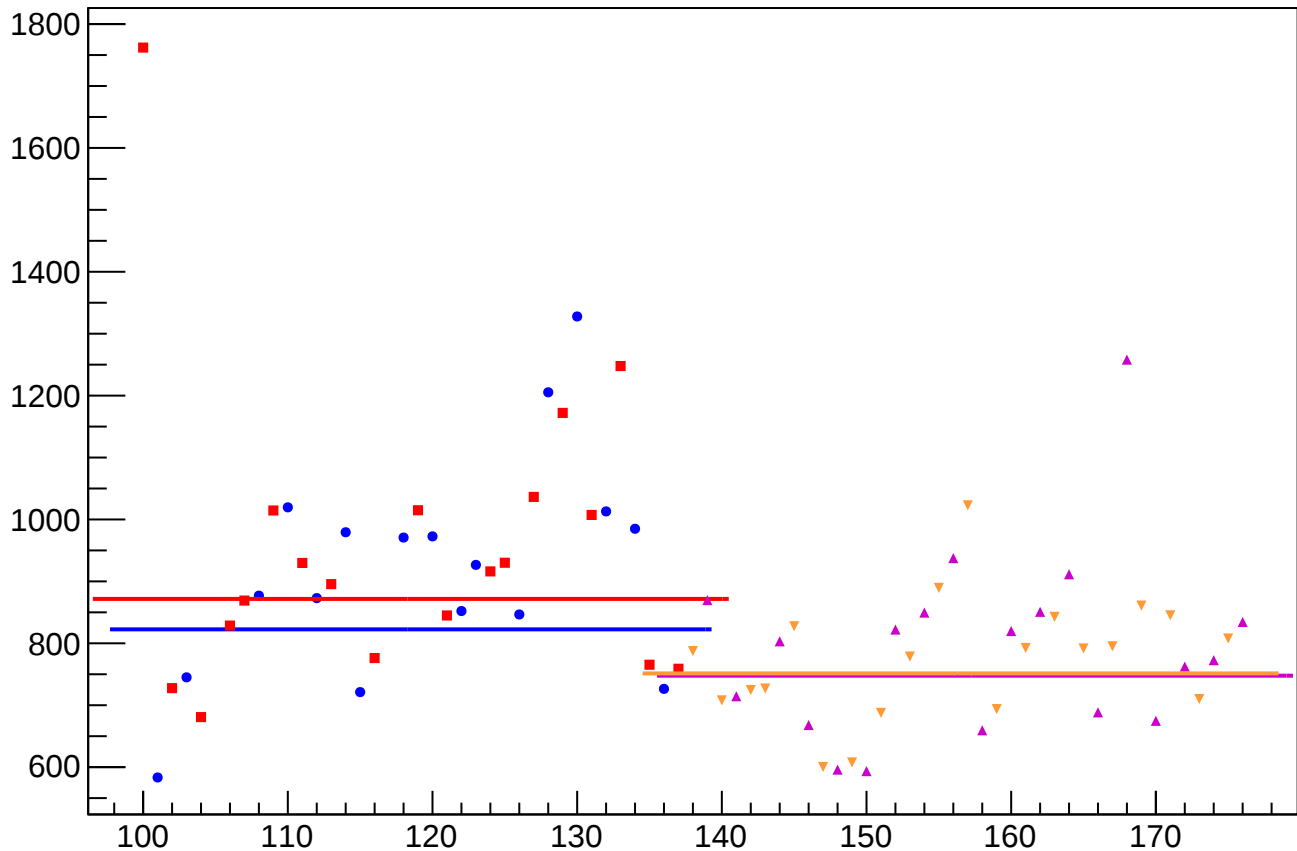
Left In: -21.319 ± 197.766 $\chi^2/\text{NDF}: 19.9/18$

+ sign 244.579 ± 168.305 $\chi^2/\text{NDF}: 40.4/36$

All: 189.450 ± 119.591 $\chi^2/\text{NDF}: 77.4/74$

- sign 133.231 ± 169.960 $\chi^2/\text{NDF}: 36.8/37$

asym_right_avg_correction_rms vs Slug



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

Left Out: 751.357 ± 0.139 χ^2/NDF : 471938.9/19

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

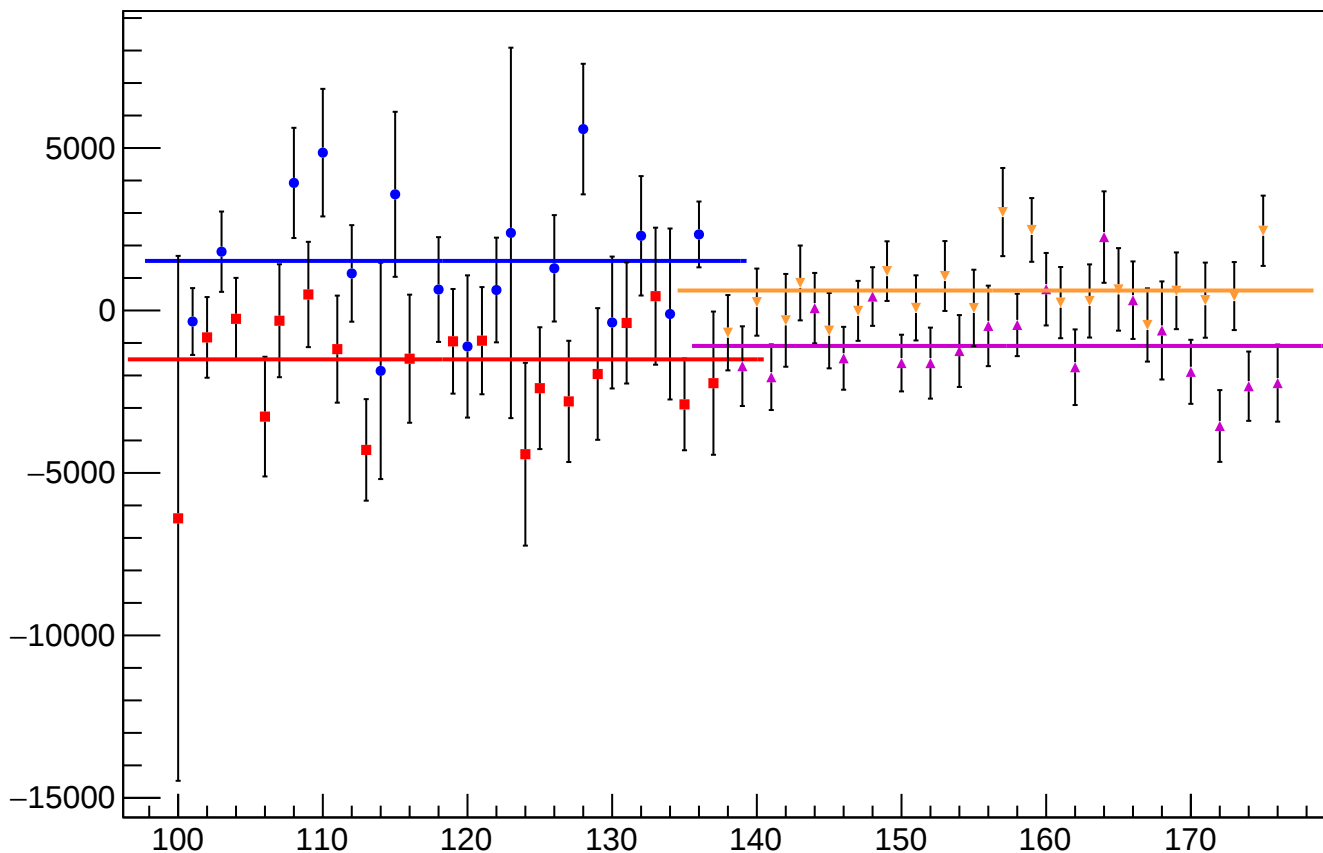
Left In: 747.711 ± 0.140 χ^2/NDF : 805084.3/18

+ sign 770.143 ± 0.119 χ^2/NDF : 1142376.2/36

All: 775.083 ± 0.085 χ^2/NDF : 2563248.8/74

- sign 780.120 ± 0.120 χ^2/NDF : 1417392.9/37

asym_right_avg_mean vs Slug



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

Left Out: 614.582 $\pm$ 246.469 χ^2/NDF : 15.4/19

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

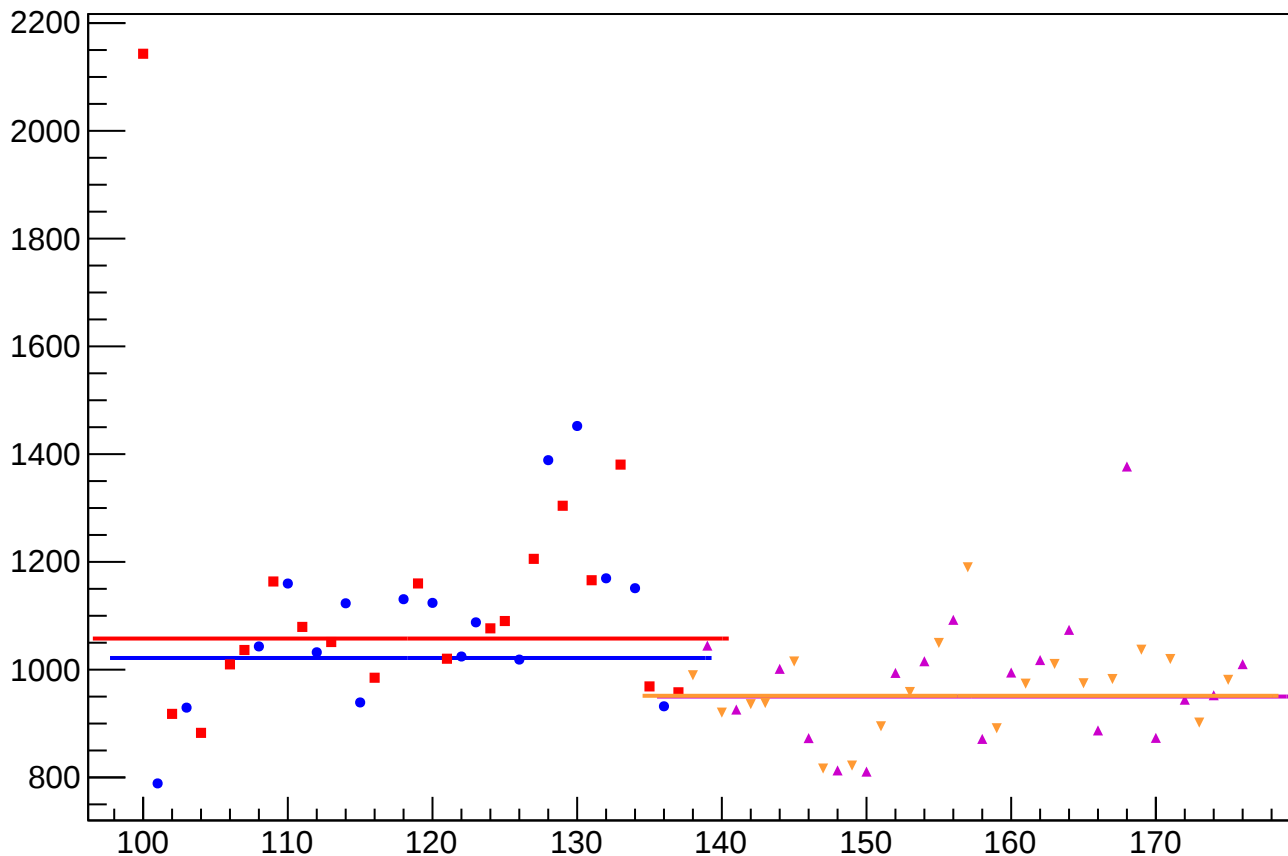
Left In: -1091.421 $\pm$ 249.016 χ^2/NDF : 24.5/18

+ sign 863.634 $\pm$ 210.090 χ^2/NDF : 37.3/36

All: -165.183 $\pm$ 149.014 χ^2/NDF : 122.9/74

- sign -1206.791 $\pm$ 211.392 χ^2/NDF : 37.4/37

asym_right_avg_rms vs Slug



Right In: 1021.665 $\pm$ 0.284 χ^2 /NDF: 331949.3/16

Left Out: 951.516 $\pm$ 0.174 χ^2 /NDF:214949.8/19

Right Out: 1057.748 $\pm$ 0.283 χ^2 /NDF: 230944.1/18

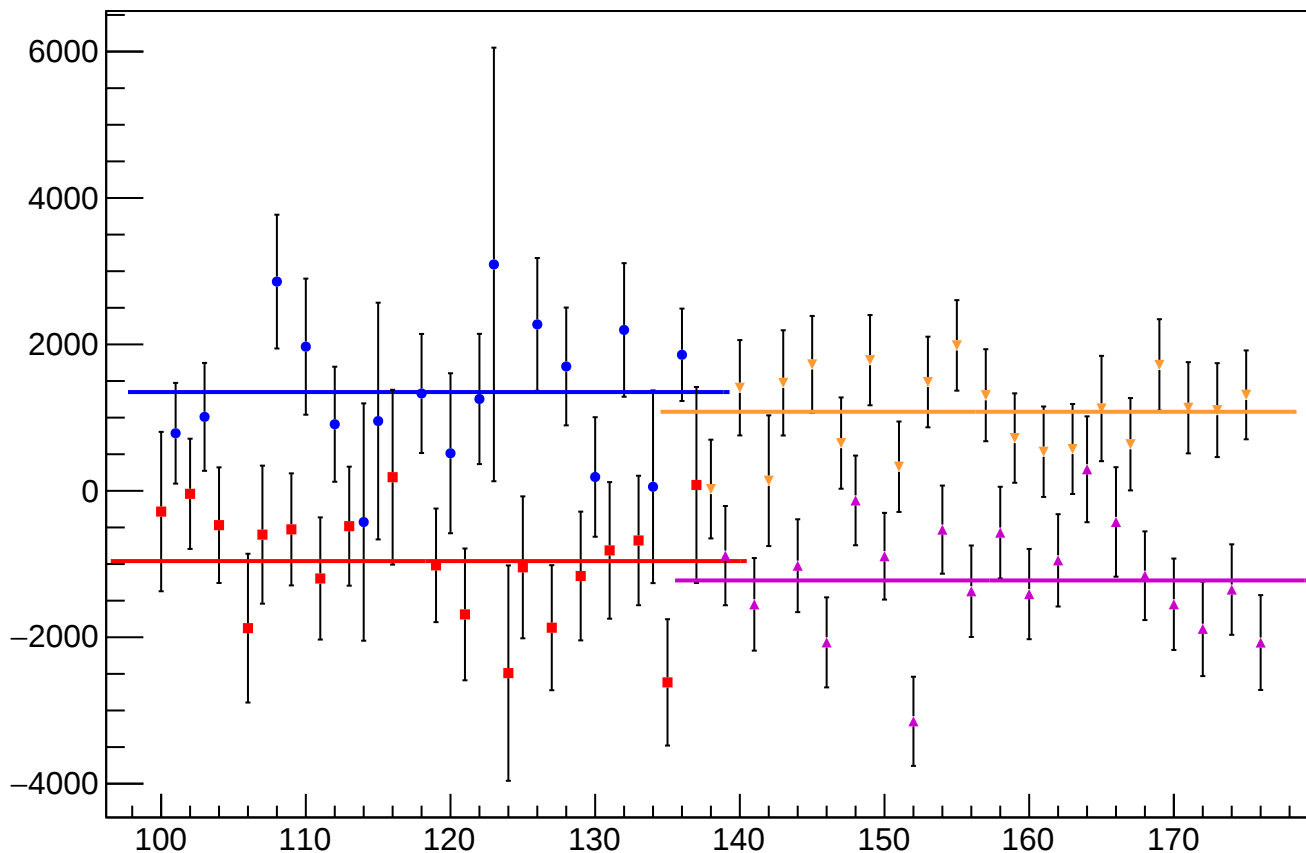
Left In: 950.106 $\pm$ 0.176 χ^2 /NDF:385788.6/18

+ sign 970.696 $\pm$ 0.149 χ^2 /NDF: 591195.7/36

All: 975.407 $\pm$ 0.105 χ^2 /NDF: 1314349.6/74

- sign 980.177 $\pm$ 0.149 χ^2 /NDF: 721129.9/37

reg_asym_right_dd_mean vs Slug



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

Left Out: 1079.848 $\pm$ 143.896 χ^2 /NDF:14.6/19

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

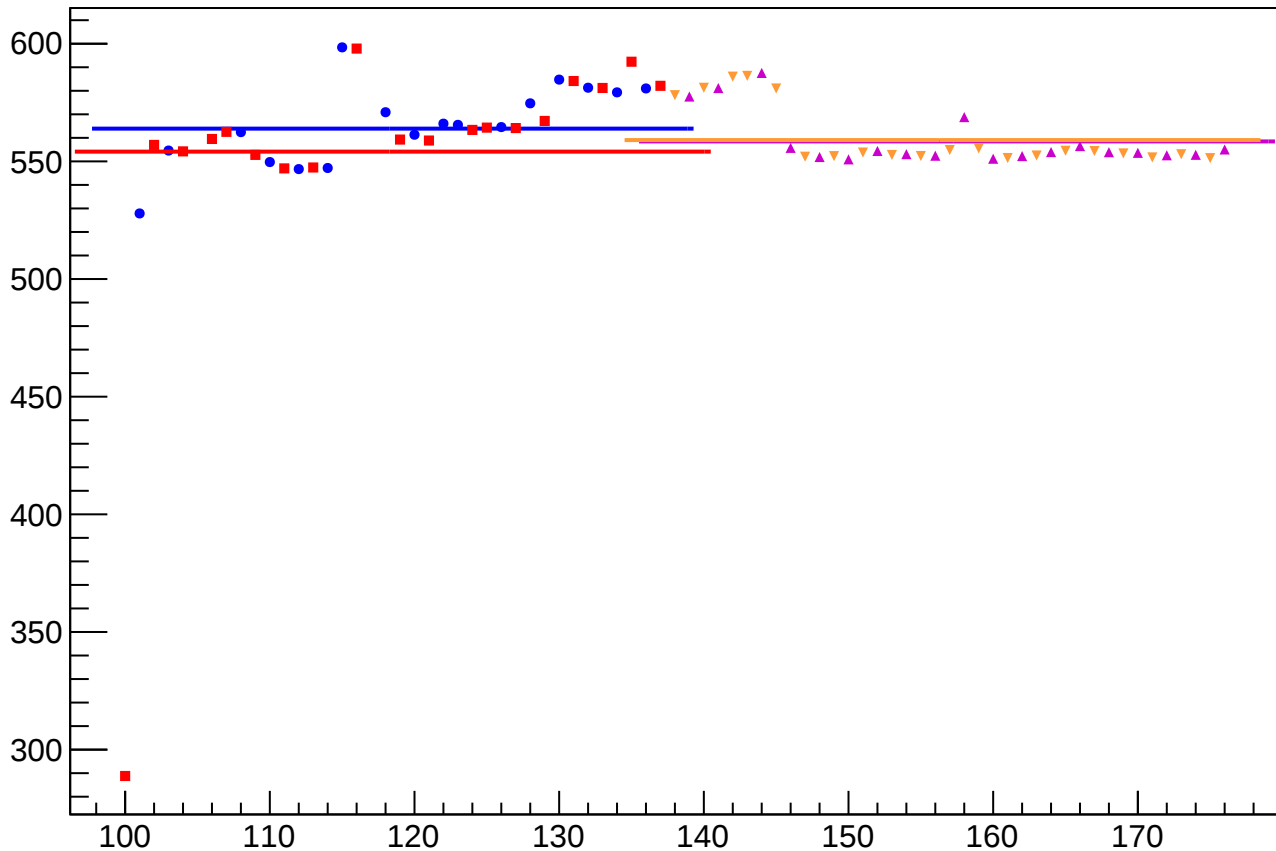
Left In: -1223.919 $\pm$ 145.199 χ^2 /NDF:27.4/18

+ sign 1161.388 $\pm$ 120.153 χ^2 /NDF: 27.9/36

All: 1.758 $\pm$ 84.581 χ^2 /NDF: 253.3/74

- sign -1137.363 $\pm$ 119.086 χ^2 /NDF: 40.7/37

reg_asym_right_dd_rms vs Slug



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

Left Out: 559.050 $\pm$ 0.102 χ^2 /NDF:13750.5/19

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

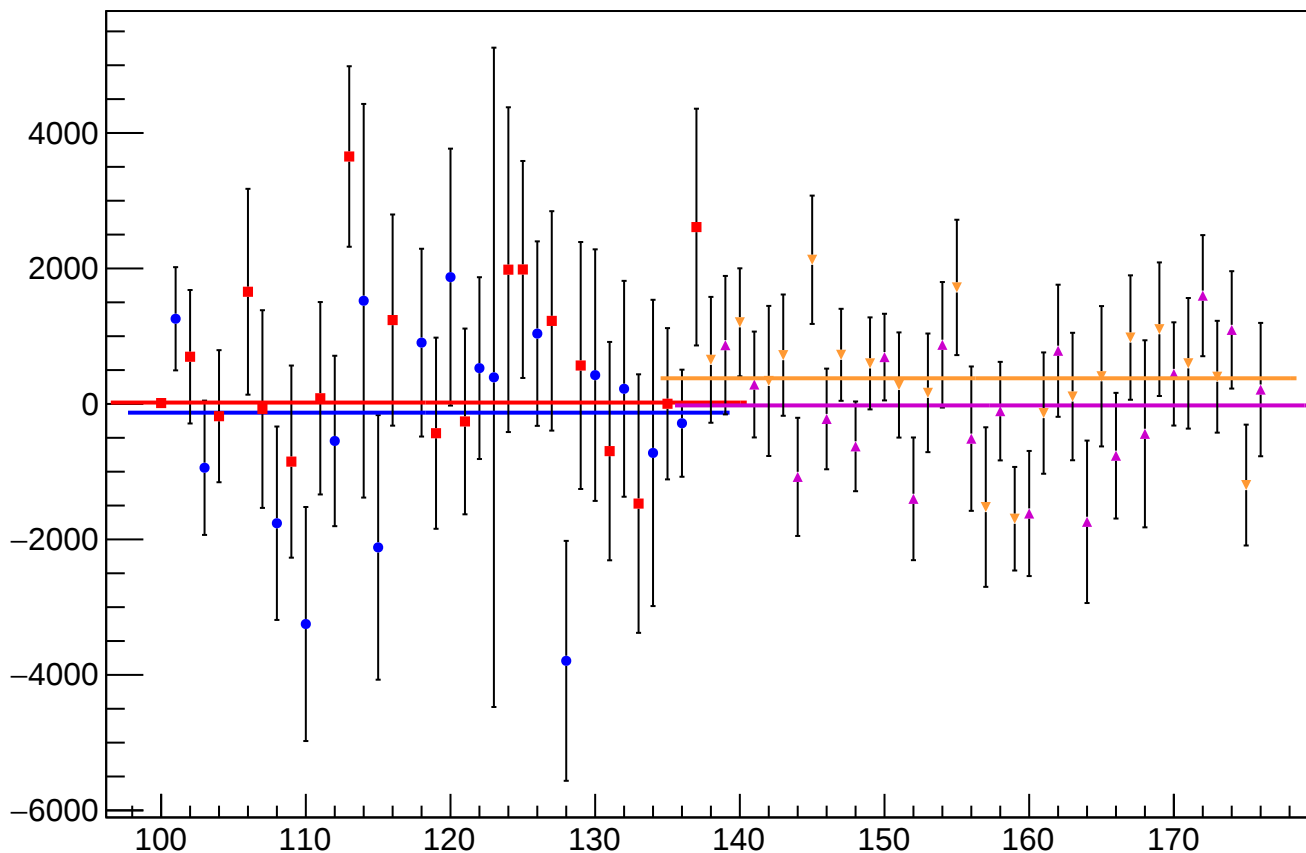
Left In: 558.476 $\pm$ 0.103 χ^2 /NDF:11158.8/18

+ sign 560.525 $\pm$ 0.085 χ^2 /NDF: 27108.0/36

All: 558.776 $\pm$ 0.060 χ^2 /NDF: 171654.3/74

- sign 557.058 $\pm$ 0.084 χ^2 /NDF: 143706.5/37

asym_right_dd_correction_mean vs Slug



Right In: -128.725 ± 327.688 $\chi^2/\text{NDF}: 17.2/16$

Left Out: 378.870 ± 196.242 $\chi^2/\text{NDF}: 21.5/19$

Right Out: 20.384 ± 38.954 $\chi^2/\text{NDF}: 16.1/18$

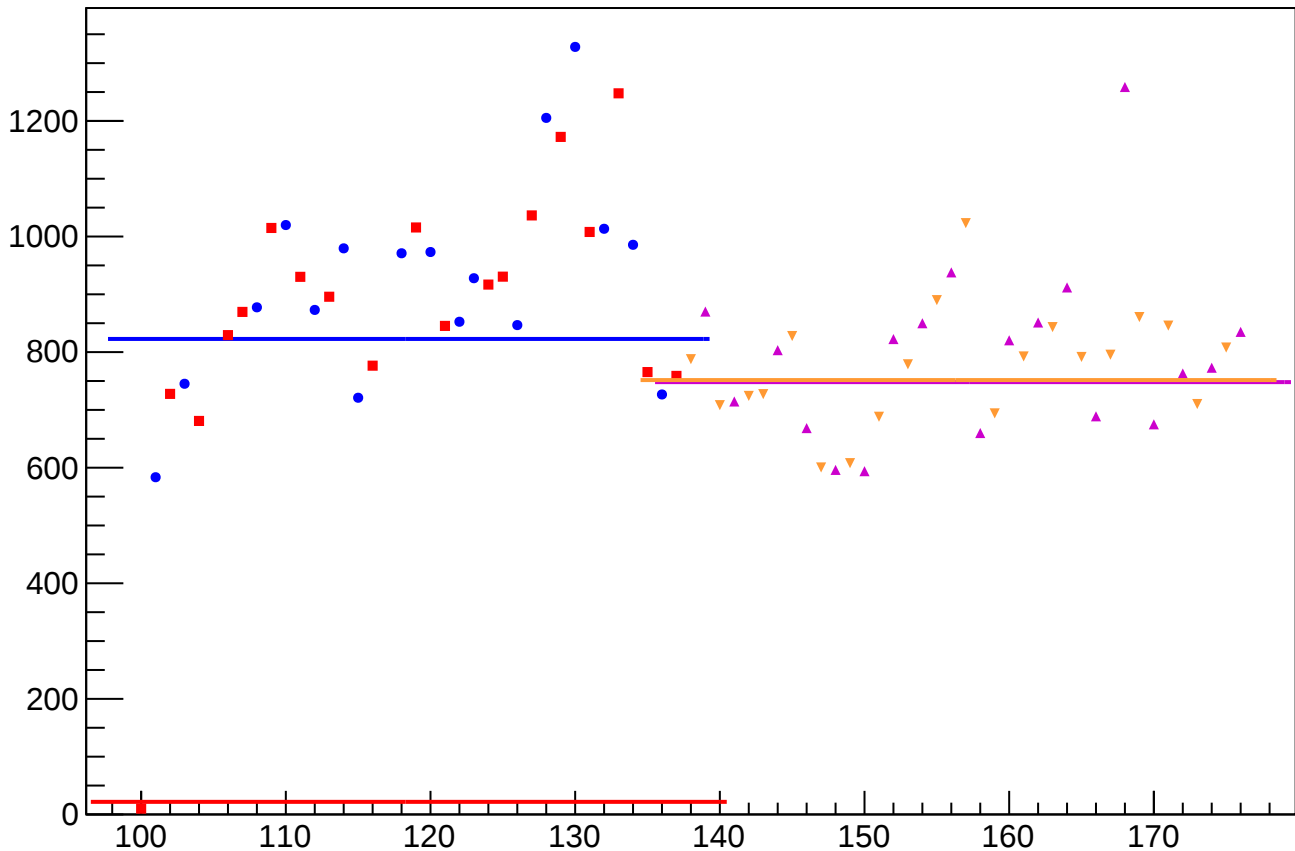
Left In: -21.831 ± 197.862 $\chi^2/\text{NDF}: 19.8/18$

+ sign 244.879 ± 168.360 $\chi^2/\text{NDF}: 40.5/36$

All: 29.889 ± 37.272 $\chi^2/\text{NDF}: 78.1/74$

- sign 18.809 ± 38.220 $\chi^2/\text{NDF}: 36.0/37$

asym_right_dd_correction_rms vs Slug



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

Left Out: 751.599 $\pm$ 0.139 χ^2 /NDF: 471984.1/19

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

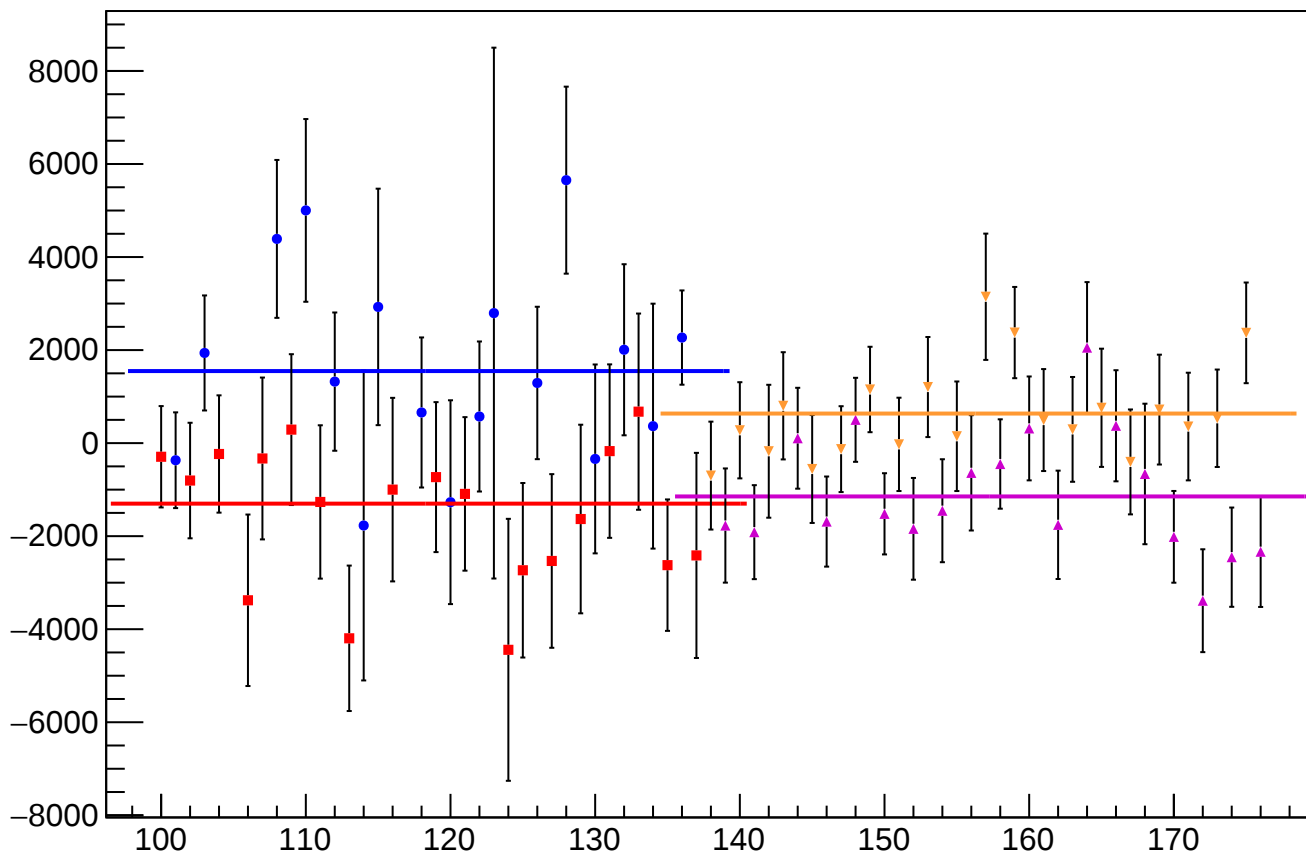
Left In: 748.079 $\pm$ 0.140 χ^2 /NDF: 804856.7/18

+ sign 770.389 $\pm$ 0.119 χ^2 /NDF: 1142316.7/36

All: 84.272 $\pm$ 0.026 χ^2 /NDF: 76339387.8/74

- sign 48.912 $\pm$ 0.027 χ^2 /NDF: 40269202.9/37

asym_right_dd_mean vs Slug



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

Left Out: 635.613 $\pm$ 246.608 χ^2 /NDF:14.9/19

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

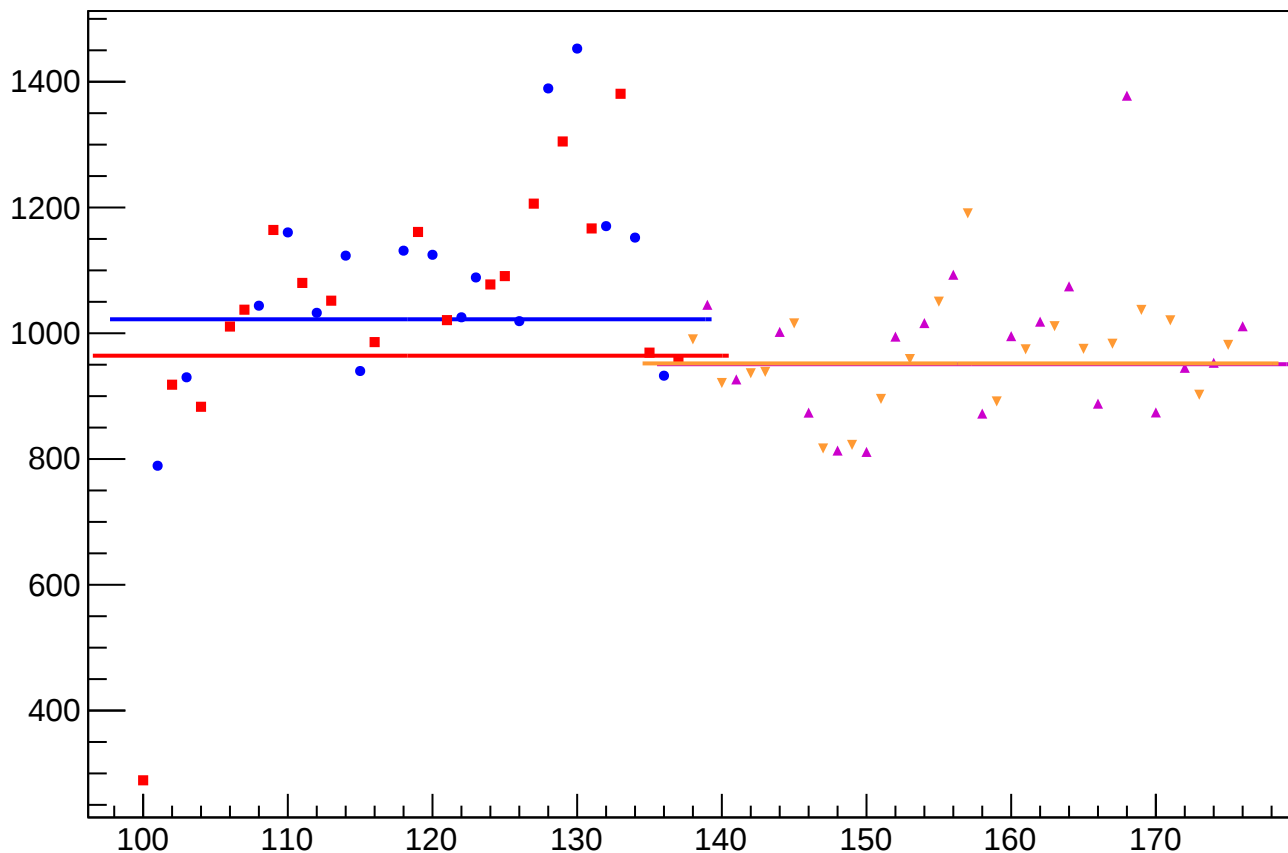
Left In: -1146.235 $\pm$ 249.191 χ^2 /NDF:23.4/18

+ sign 885.315 $\pm$ 210.208 χ^2 /NDF: 37.6/36

All: -166.428 $\pm$ 147.753 χ^2 /NDF: 123.2/74

- sign -1193.442 $\pm$ 207.722 χ^2 /NDF: 36.1/37

asym_right_dd_rms vs Slug



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

Left Out: 952.047+/-0.174 χ^2/NDF : 215043.2/19

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

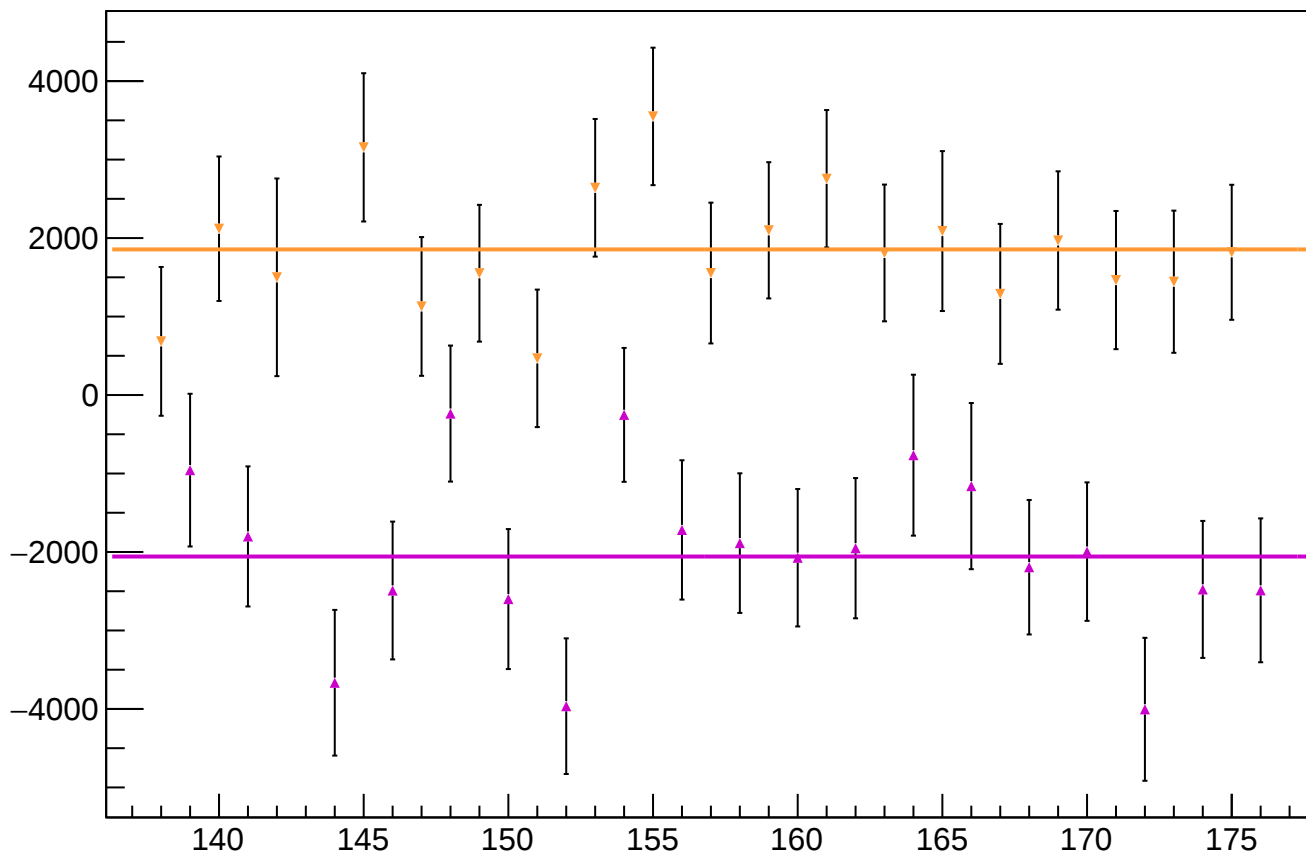
Left In: 950.781+/-0.176 χ^2/NDF : 385528.8/18

+ sign 971.239+/-0.149 χ^2/NDF : 591214.3/36

All: 962.980+/-0.104 χ^2/NDF : 2051930.6/74

- sign 954.915+/-0.147 χ^2/NDF : 1454614.0/37

cor_asym_us_avg_mean vs Slug



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

Left Out: 1855.420+/-208.029 χ^2/NDF :13.6/18

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

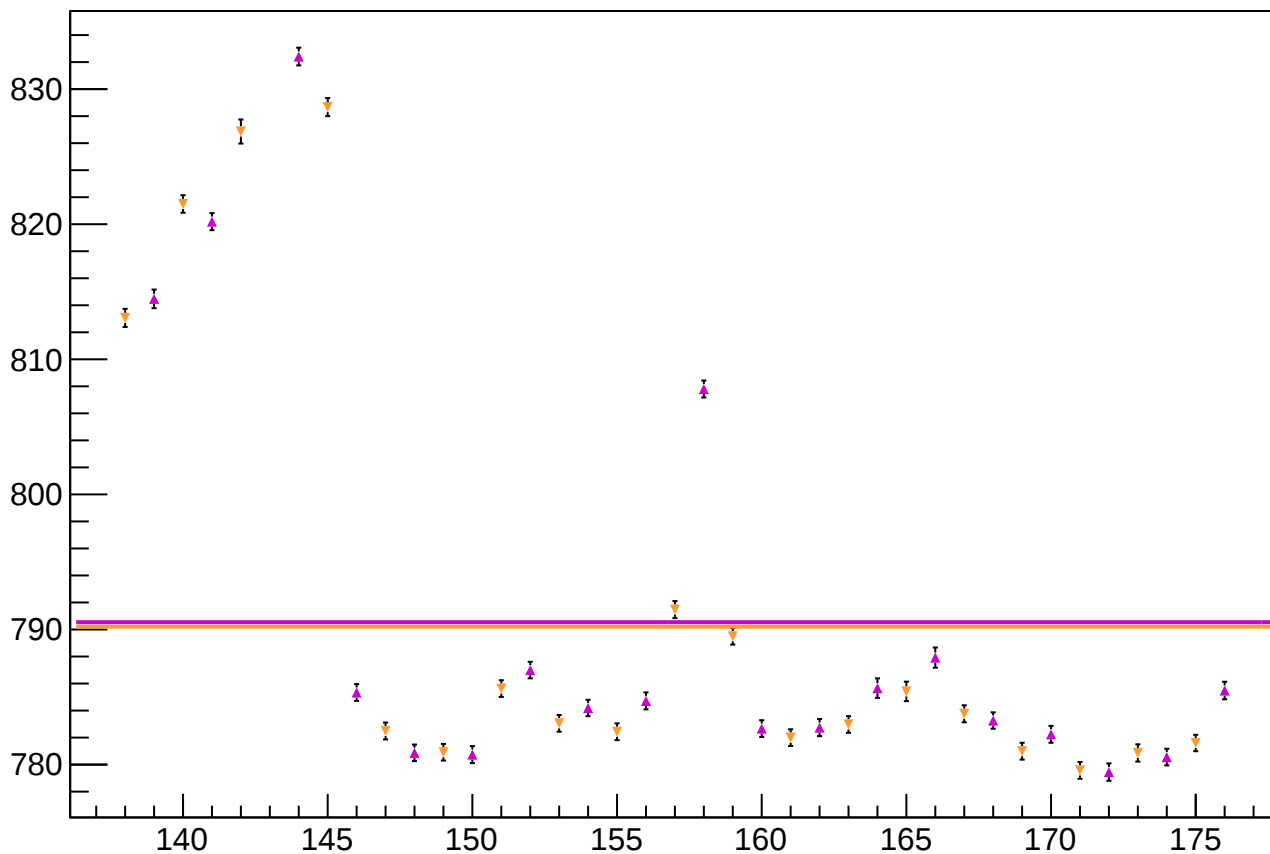
Left In: -2057.761+/-206.899 χ^2/NDF :26.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.828+/-146.697 χ^2/NDF : 217.7/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_rms vs Slug



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

Left Out: 790.213+/-0.147 χ^2/NDF :10601.3/18

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

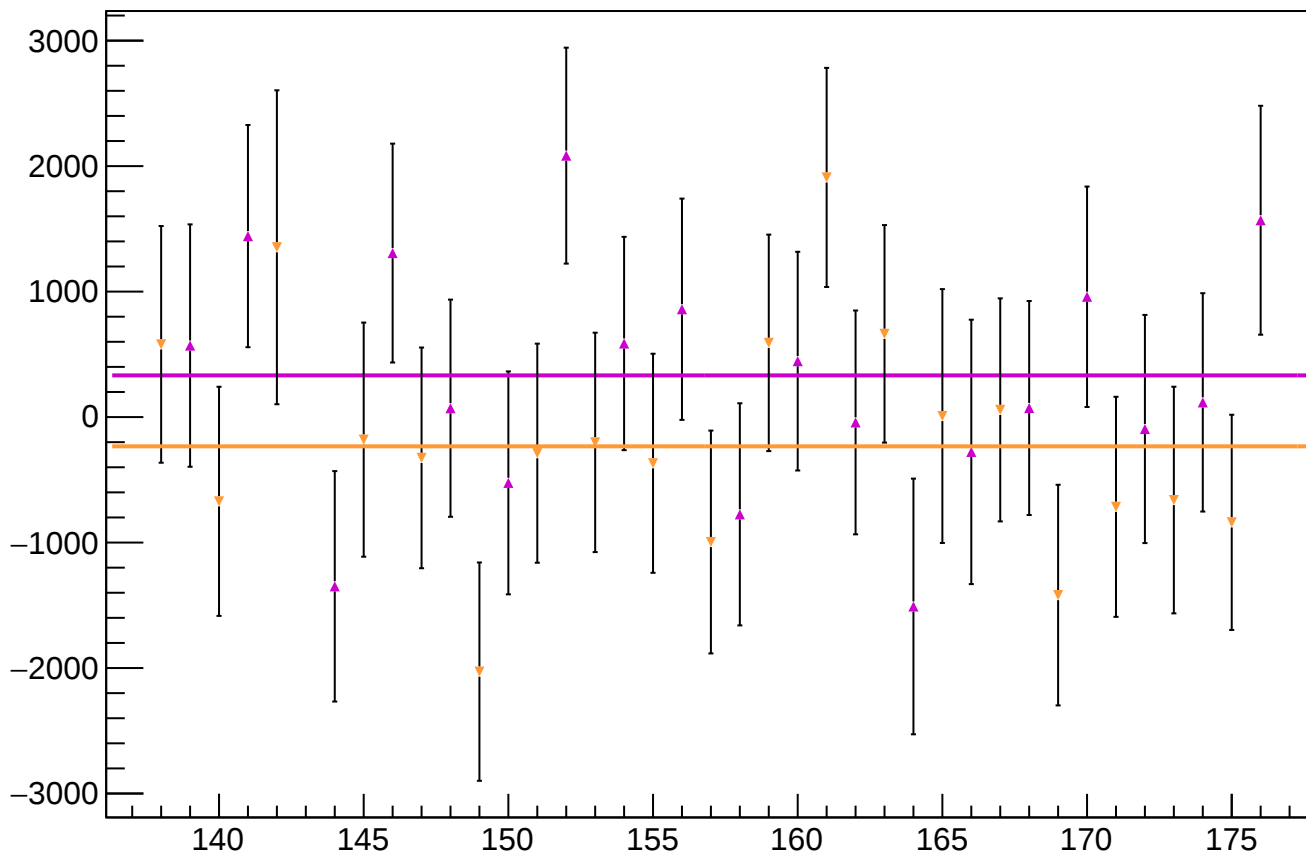
Left In: 790.542+/-0.146 χ^2/NDF :10344.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 790.379+/-0.104 χ^2/NDF : 20948.5/37

- 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: -233.027+/-207.004 χ^2/NDF : 18.6/18

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

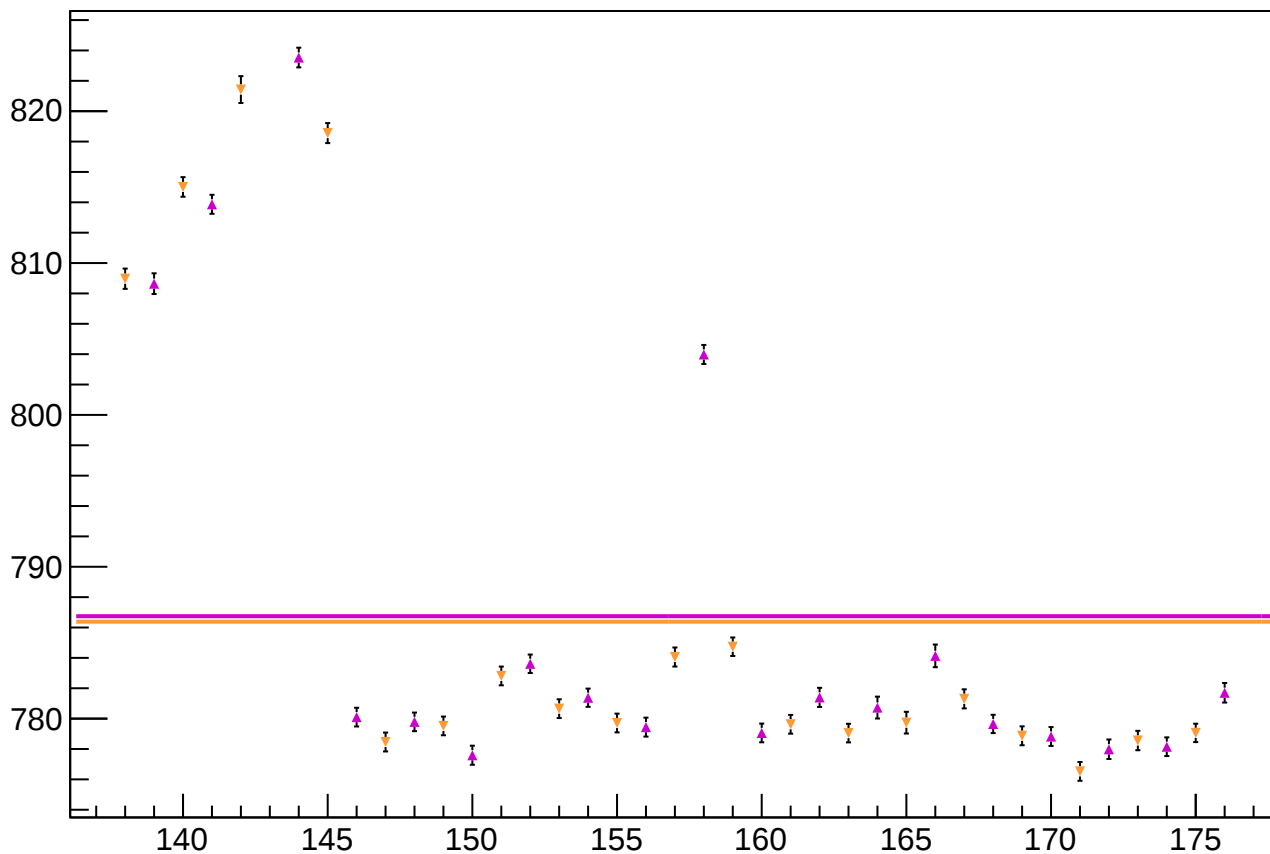
Left In: 332.290+/-205.895 χ^2/NDF : 19.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.150+/-145.981 χ^2/NDF : 42.3/37

- 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: 786.384+/-0.146 χ^2/NDF : 8714.2/18

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

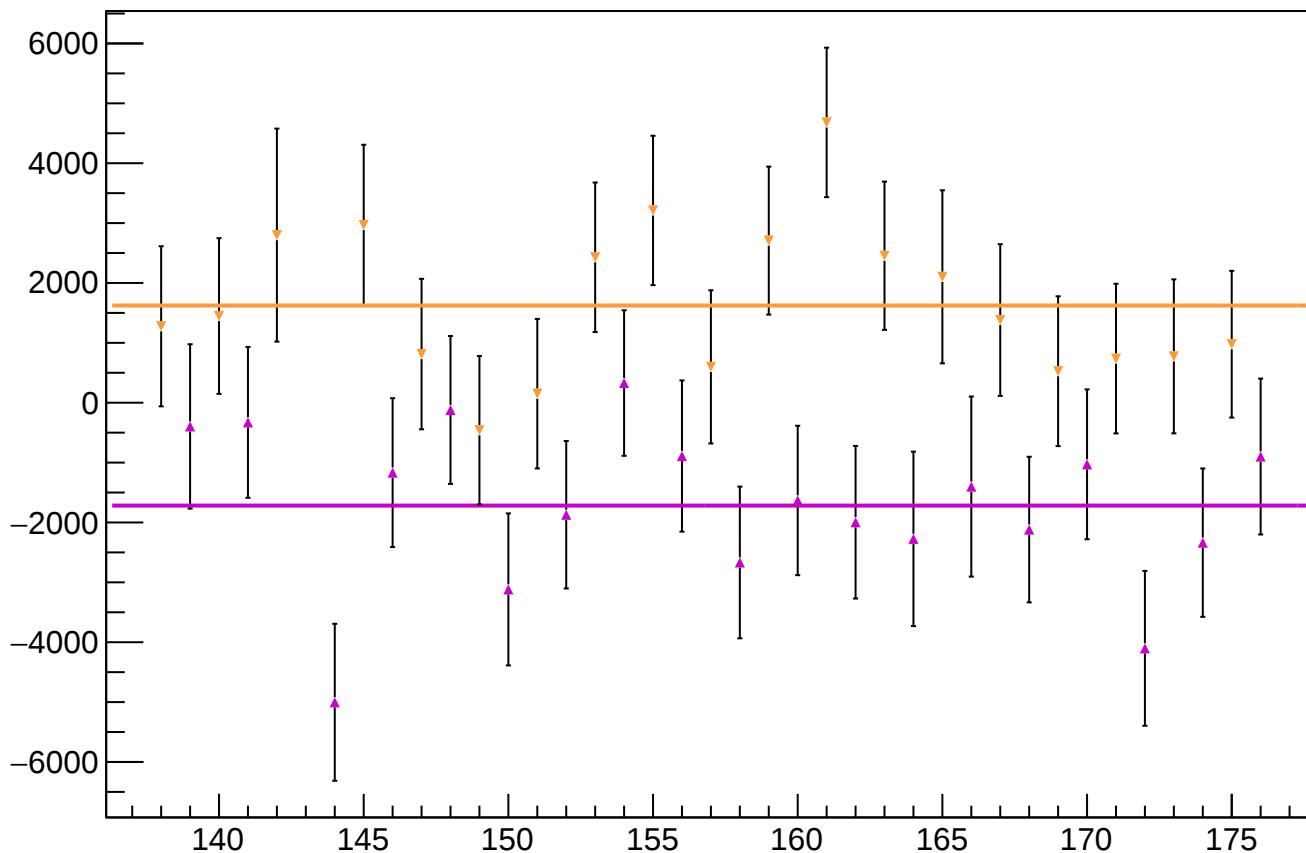
Left In: 786.744+/-0.146 χ^2/NDF : 8627.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.565+/-0.103 χ^2/NDF : 17344.3/37

- 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: 1623.465+/-295.595 χ^2/NDF : 18.2/18

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

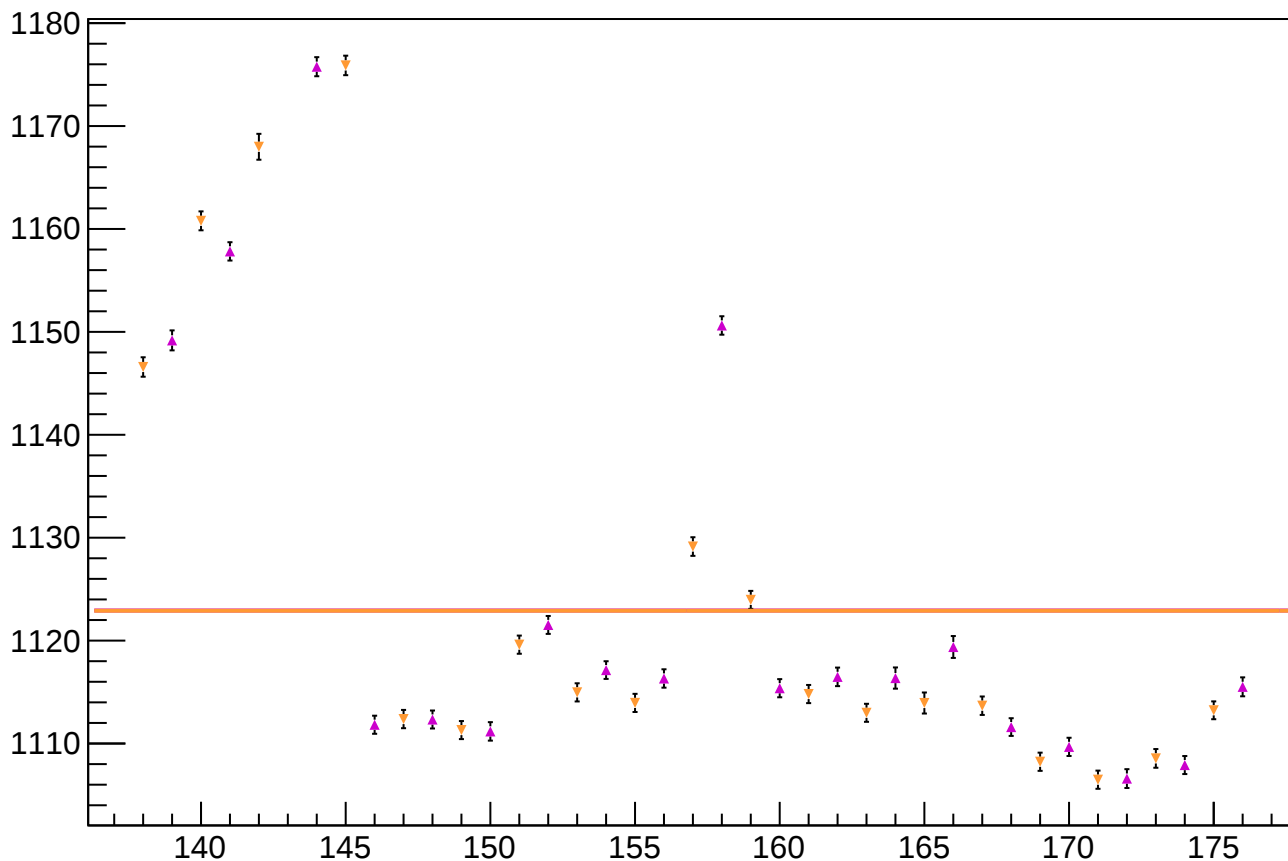
Left In: -1718.097+/-293.876 χ^2/NDF : 20.1/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.059+/-208.407 χ^2/NDF : 102.5/37

- 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: 1122.904+/-0.209 χ^2/NDF :8687.3/18

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

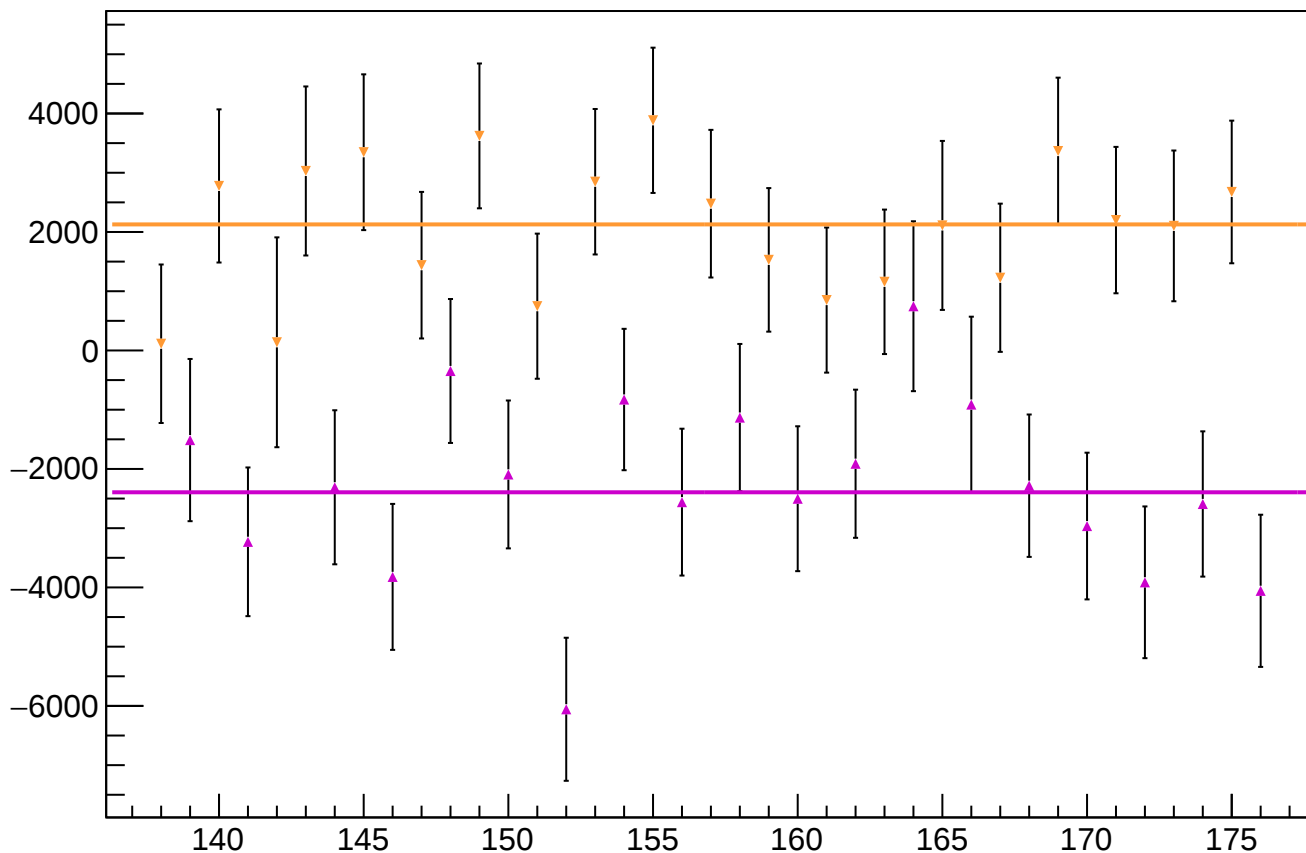
Left In: 1122.924+/-0.208 χ^2/NDF :8303.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1122.914+/-0.147 χ^2/NDF : 16990.3/37

- 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: 2127.934+/-285.451 χ^2/NDF :14.3/19

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

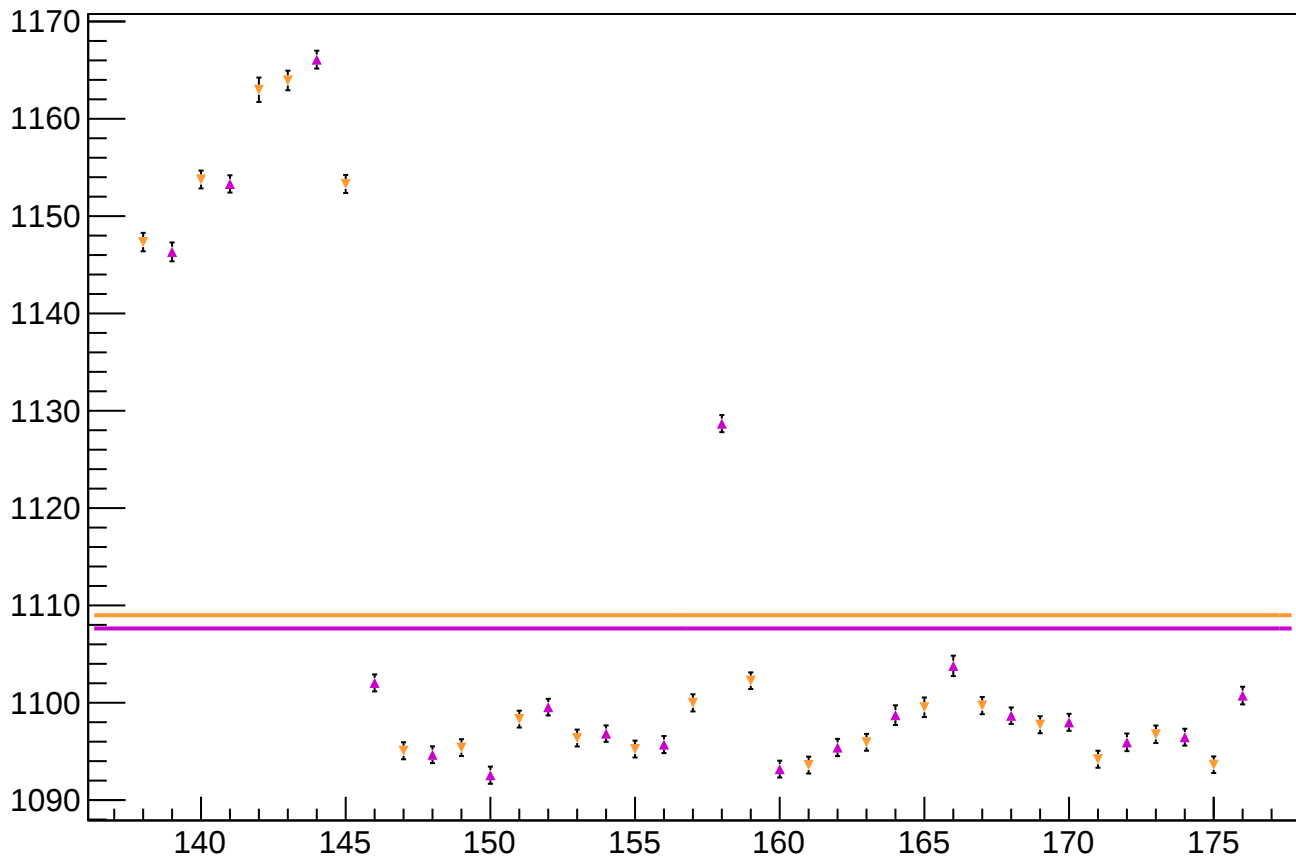
Left In: -2393.912+/-289.887 χ^2/NDF :26.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.121+/-203.395 χ^2/NDF : 164.2/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_rms vs Slug



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

Left Out: 1108.995 $\pm$ 0.202 χ^2 /NDF:14126.9/19

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

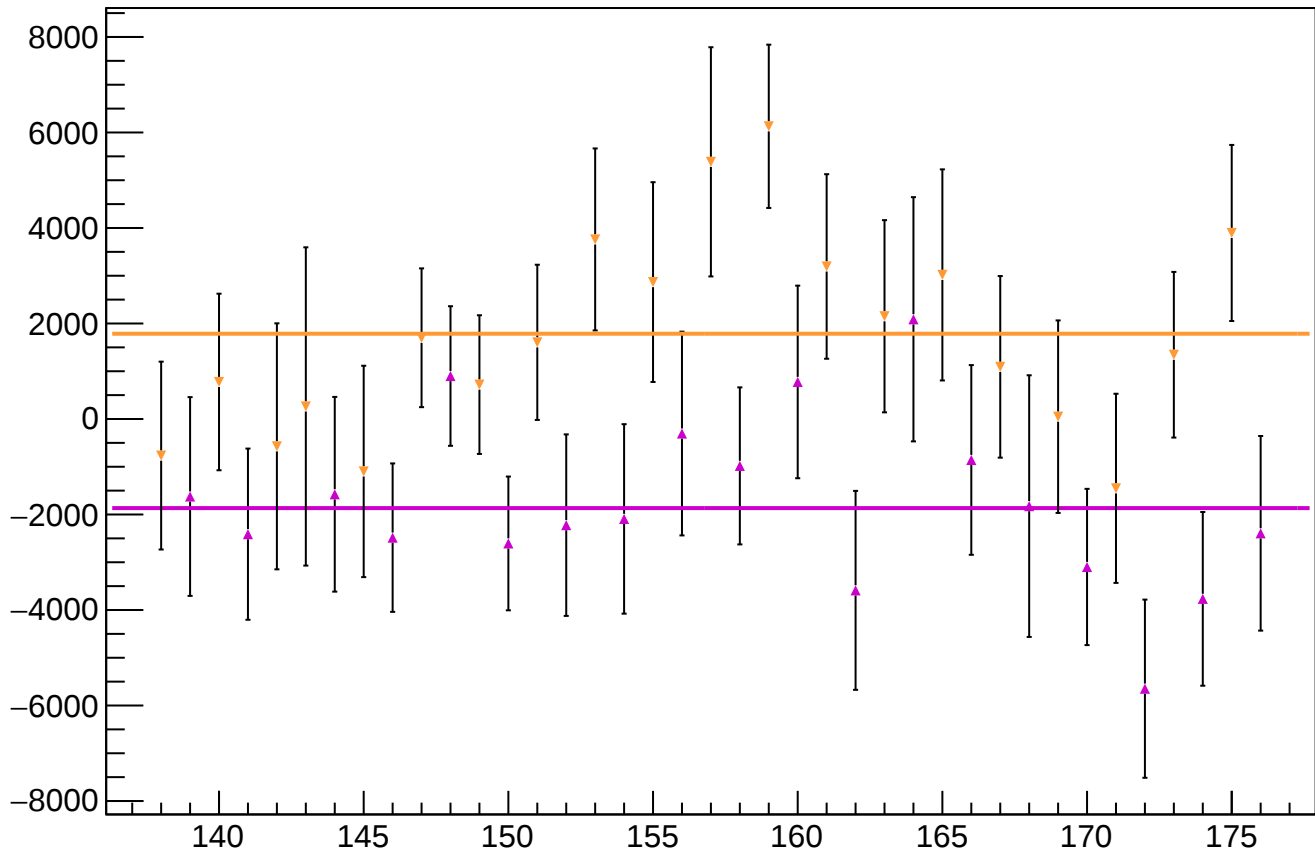
Left In: 1107.631 $\pm$ 0.205 χ^2 /NDF:11046.5/18

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

All: 1108.324 $\pm$ 0.144 χ^2 /NDF: 25195.9/38

- sign 0.000 $\pm$ 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: 1785.793+/-427.732 χ^2/NDF : 21.1/19

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

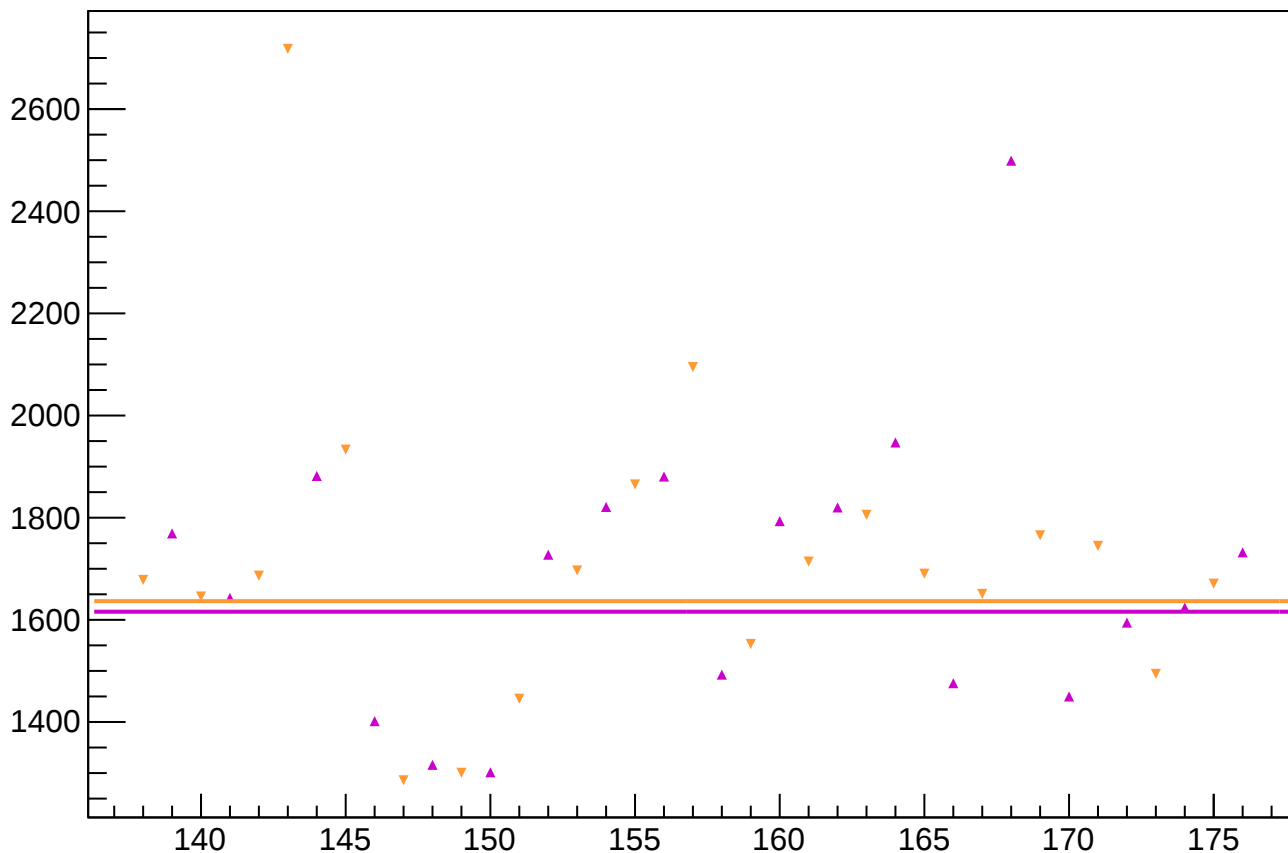
Left In: -1865.959+/-425.831 χ^2/NDF : 15.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.218+/-301.778 χ^2/NDF : 73.6/38

- 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: 1636.621+/-0.302 χ^2/NDF : 649983.3/19

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

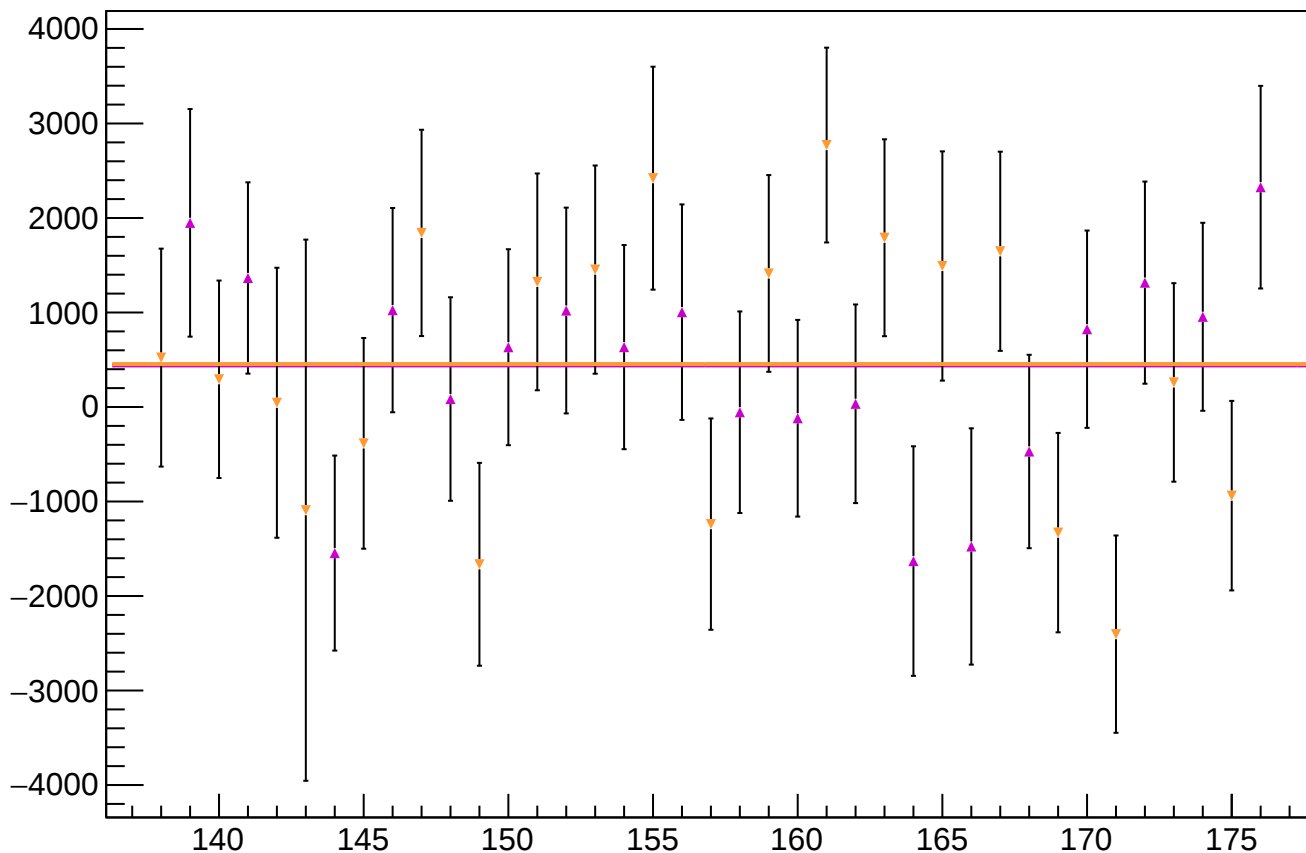
Left In: 1615.917+/-0.301 χ^2/NDF : 651815.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.223+/-0.213 χ^2/NDF : 1304152.0/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_mean vs Slug



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

Left Out: 454.420 $\pm$ 250.174 χ^2 /NDF:34.8/19

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

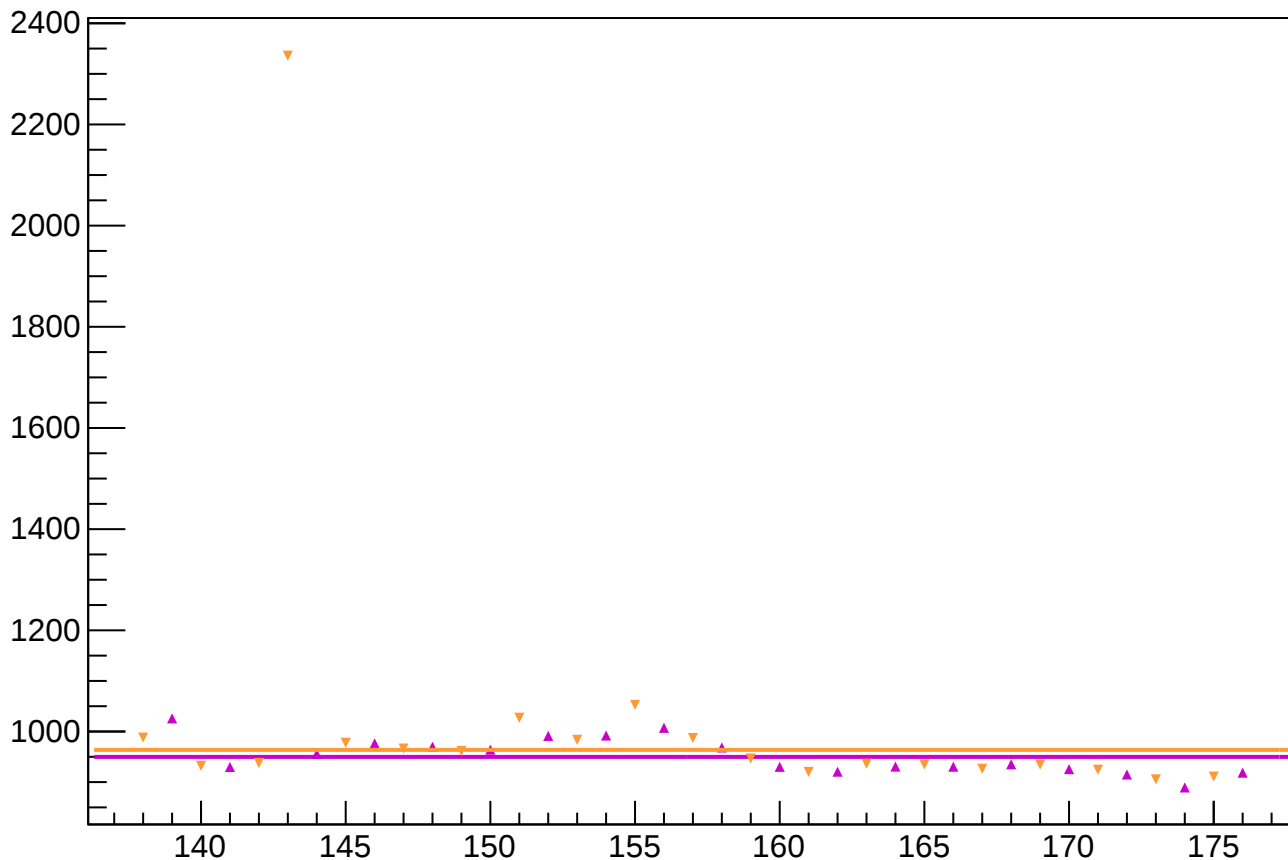
Left In: 440.190 $\pm$ 247.107 χ^2 /NDF:18.0/18

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

All: 447.217 $\pm$ 175.805 χ^2 /NDF: 52.8/38

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

asym_us_agg_dd_rms vs Slug



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

Left Out: 963.710+/-0.177 χ^2/NDF : 507294.6/19

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

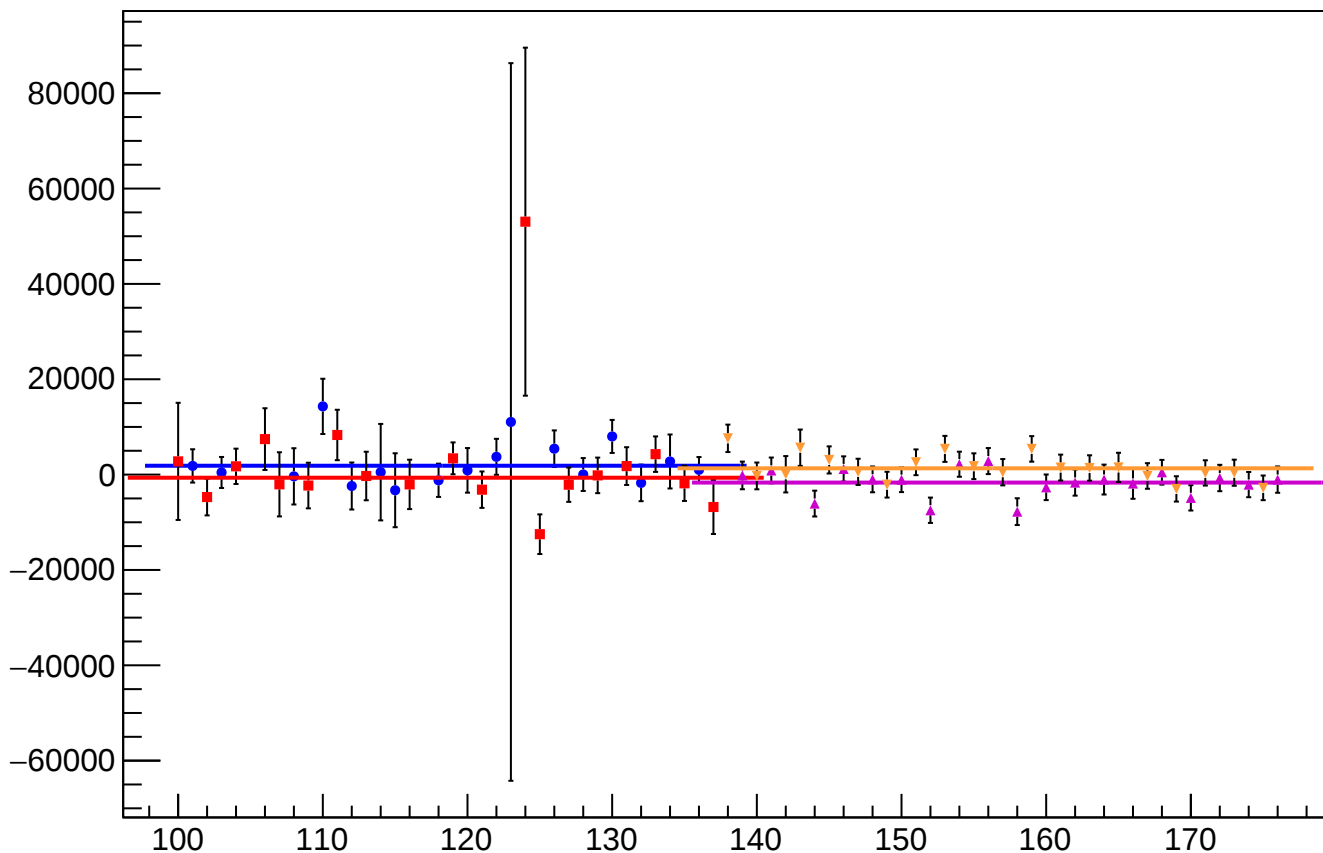
Left In: 949.814+/-0.175 χ^2/NDF : 38688.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.677+/-0.124 χ^2/NDF : 549106.4/38

- 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: 1320.923 $\pm$ 626.818 χ^2 /NDF:19.2/19

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

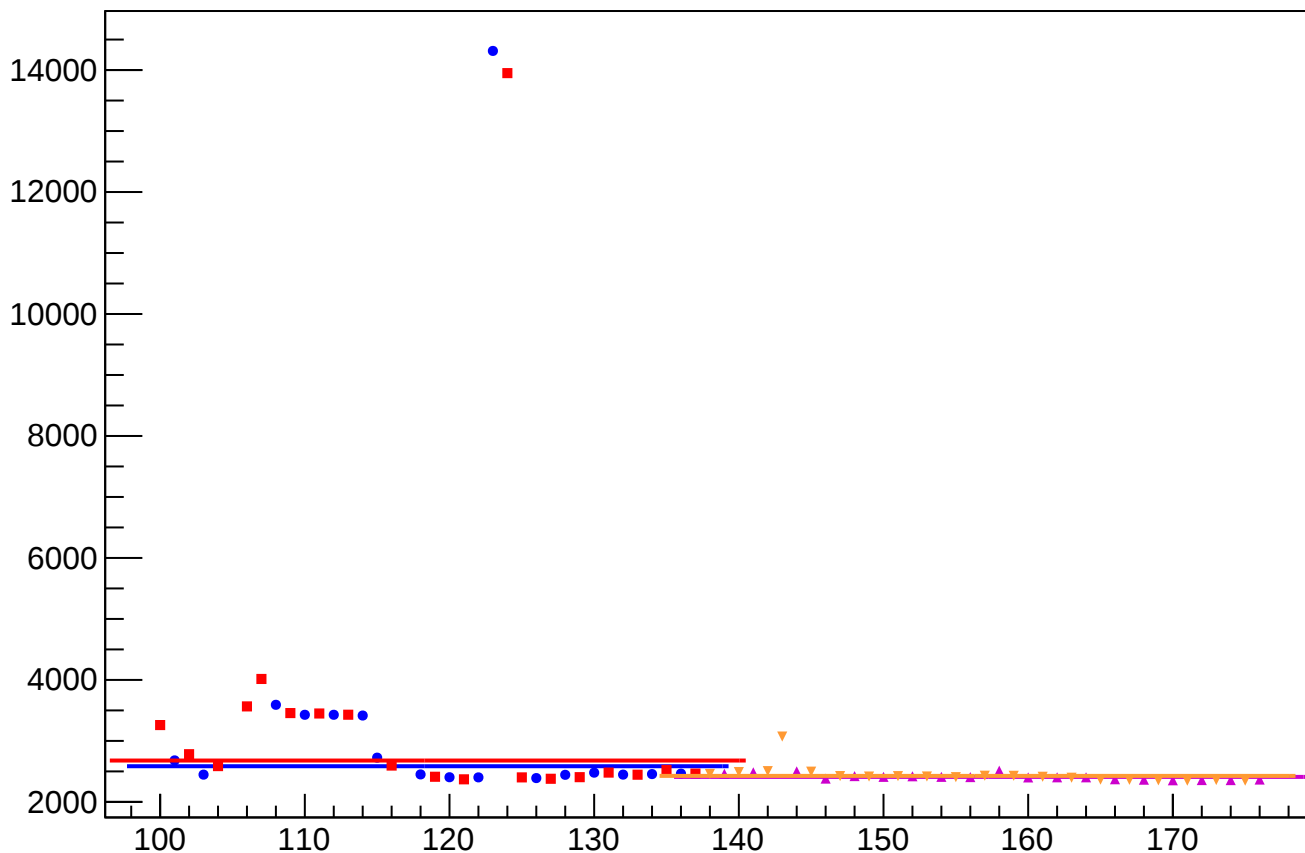
Left In: -1672.453 $\pm$ 628.434 χ^2 /NDF:22.0/18

+ sign 1470.021 $\pm$ 533.091 χ^2 /NDF: 31.9/36

All: 44.790 $\pm$ 377.829 χ^2 /NDF: 91.1/74

- sign -1393.782 $\pm$ 535.580 χ^2 /NDF: 44.8/37

reg_asym_atl1_rms vs Slug



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

Left Out: 2426.465+/-0.443 χ^2/NDF : 69424.6/19

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

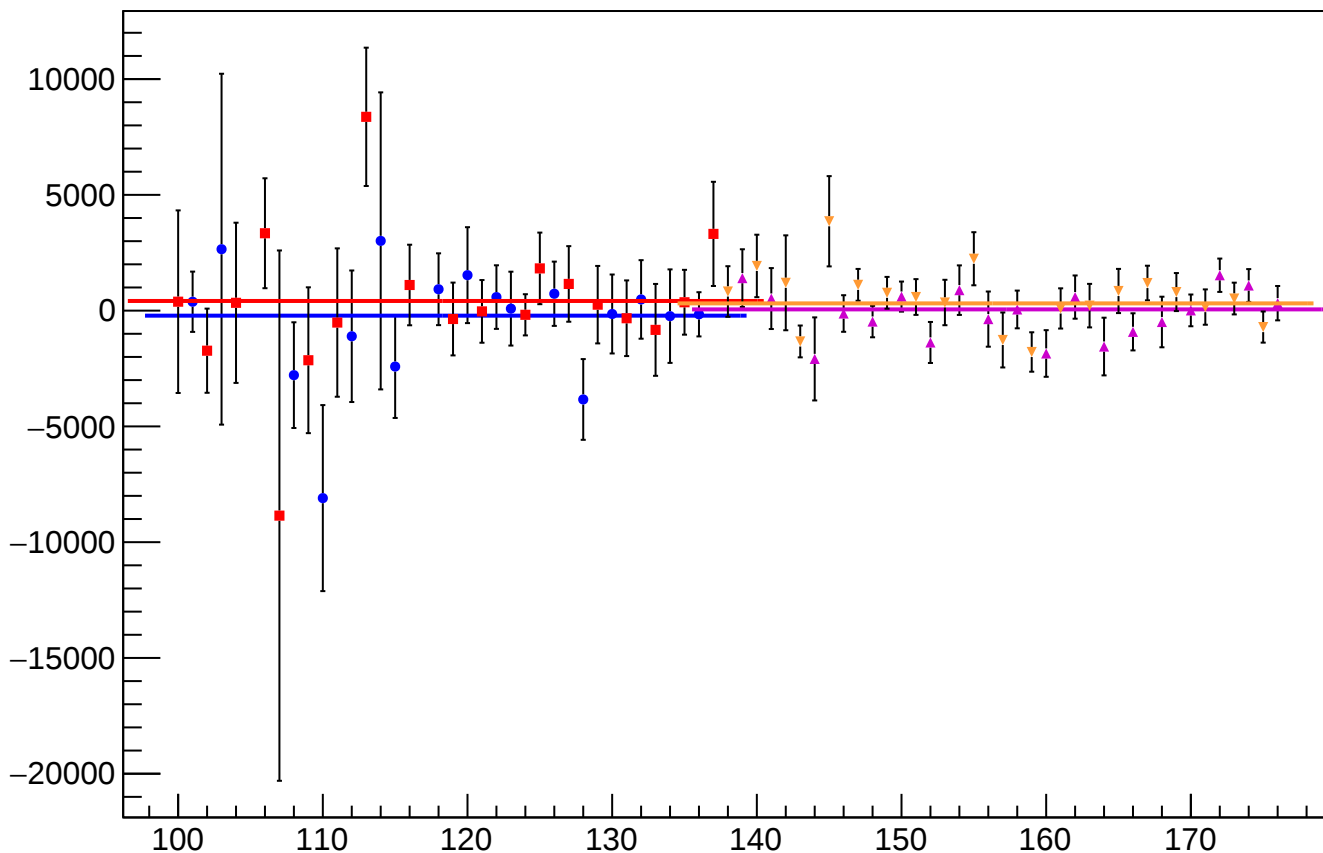
Left In: 2409.901+/-0.444 χ^2/NDF : 11176.1/18

+ sign 2470.282+/-0.377 χ^2/NDF : 360454.0/36

All: 2476.779+/-0.267 χ^2/NDF : 1004112.7/74

- sign 2483.337+/-0.379 χ^2/NDF : 643061.7/37

asym_atl1_correction_mean vs Slug



Right In: -217.017 $\pm$ 420.077 χ^2 /NDF: 13.4/16

Left Out: 313.073 $\pm$ 193.547 χ^2 /NDF: 28.1/19

Right Out: 417.202 $\pm$ 408.976 χ^2 /NDF: 15.7/18

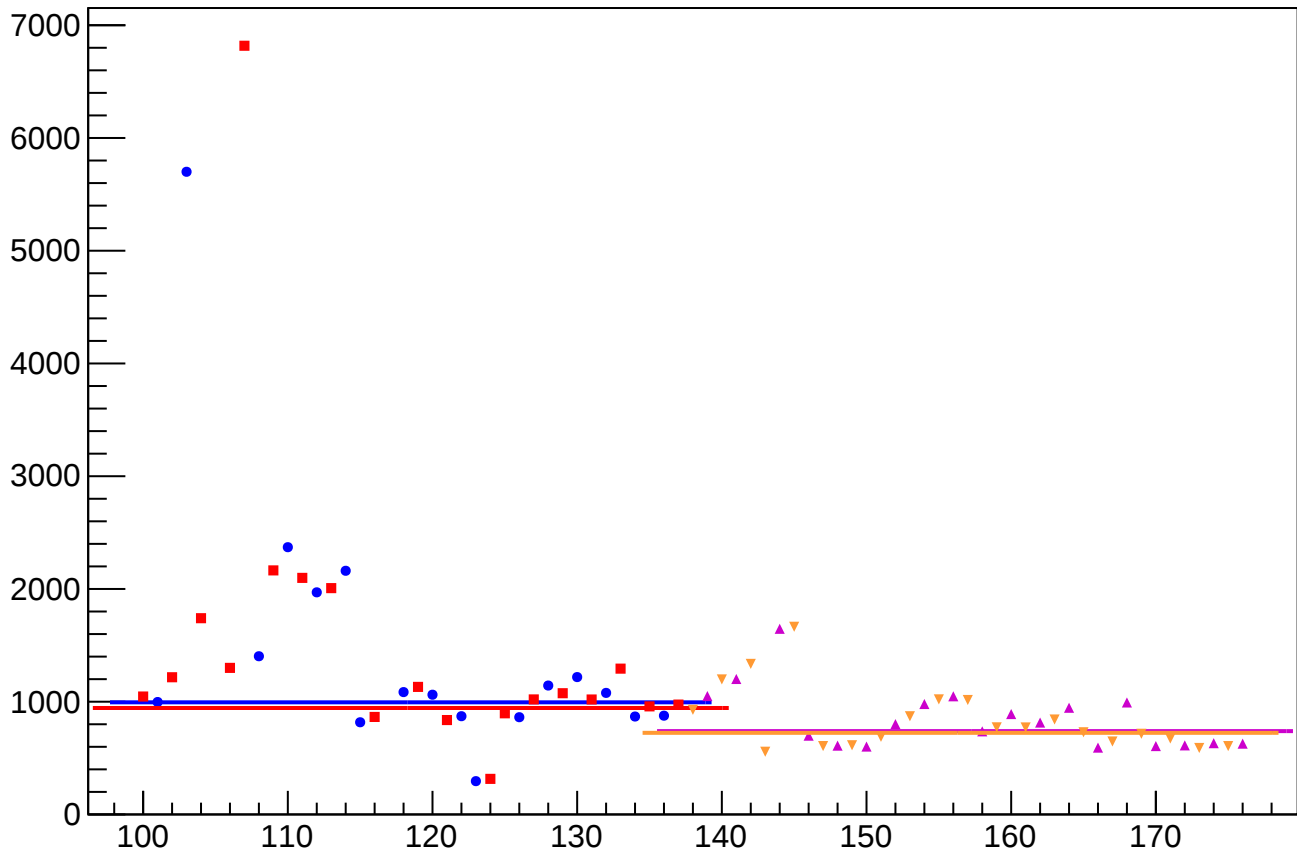
Left In: 53.552 $\pm$ 199.763 χ^2 /NDF: 21.1/18

+ sign 220.250 $\pm$ 175.786 χ^2 /NDF: 42.8/36

All: 172.934 $\pm$ 125.590 χ^2 /NDF: 80.4/74

- sign 123.600 $\pm$ 179.495 χ^2 /NDF: 37.5/37

asym_atl1_correction_rms vs Slug



Right In: 994.541 $\pm$ 0.297 χ^2 /NDF: 1904549.2/16

Left Out: 724.011 $\pm$ 0.137 χ^2 /NDF:1704914.1/19

Right Out: 944.286 $\pm$ 0.289 χ^2 /NDF: 2666007.0/18

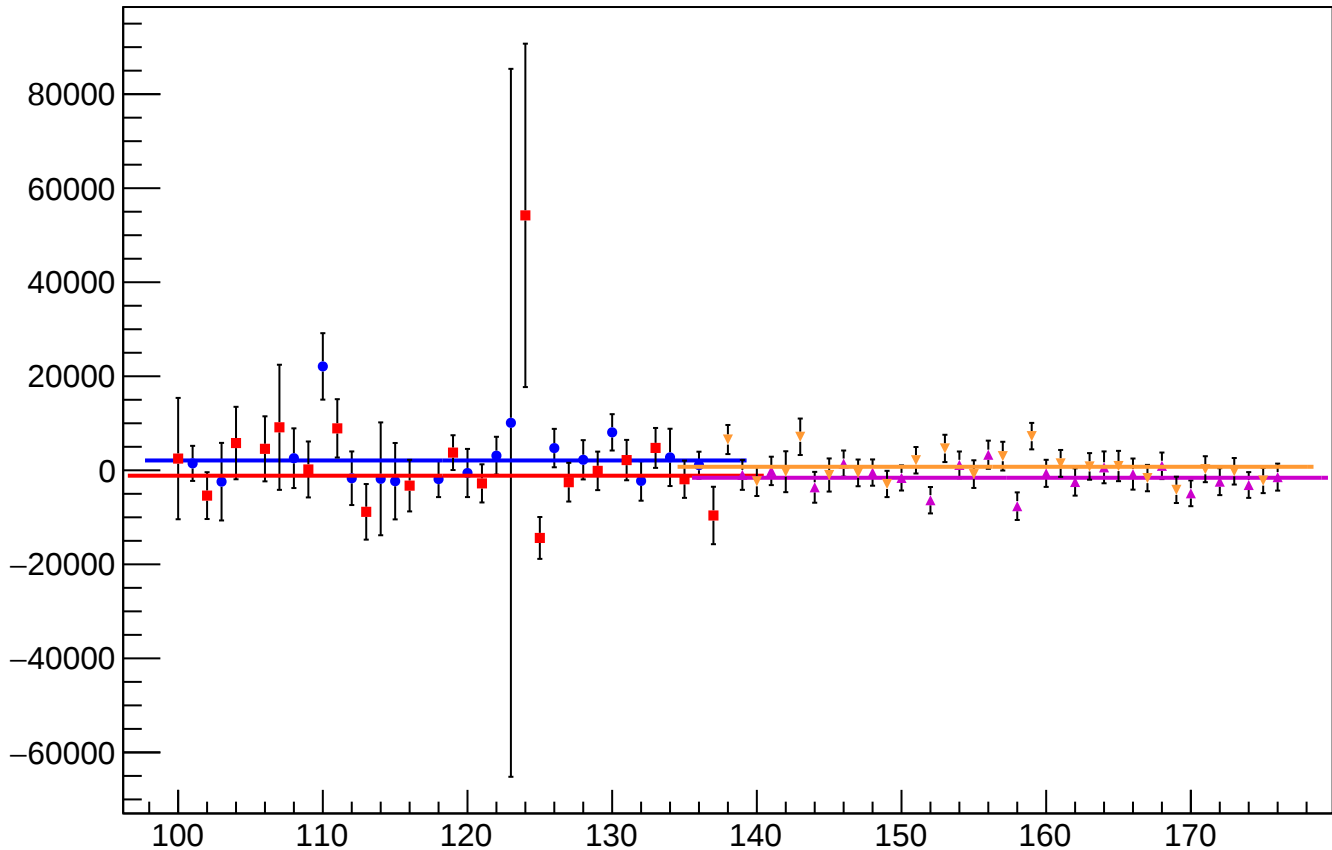
Left In: 739.116 $\pm$ 0.141 χ^2 /NDF:1810635.7/18

+ sign 771.384 $\pm$ 0.124 χ^2 /NDF: 4293685.3/36

All: 774.934 $\pm$ 0.089 χ^2 /NDF: 9178381.9/74

- sign 778.637 $\pm$ 0.127 χ^2 /NDF: 4883029.7/37

asym_atl1_mean vs Slug



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

Left Out: 748.197 ± 667.151 χ^2/NDF : 22.9/19

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

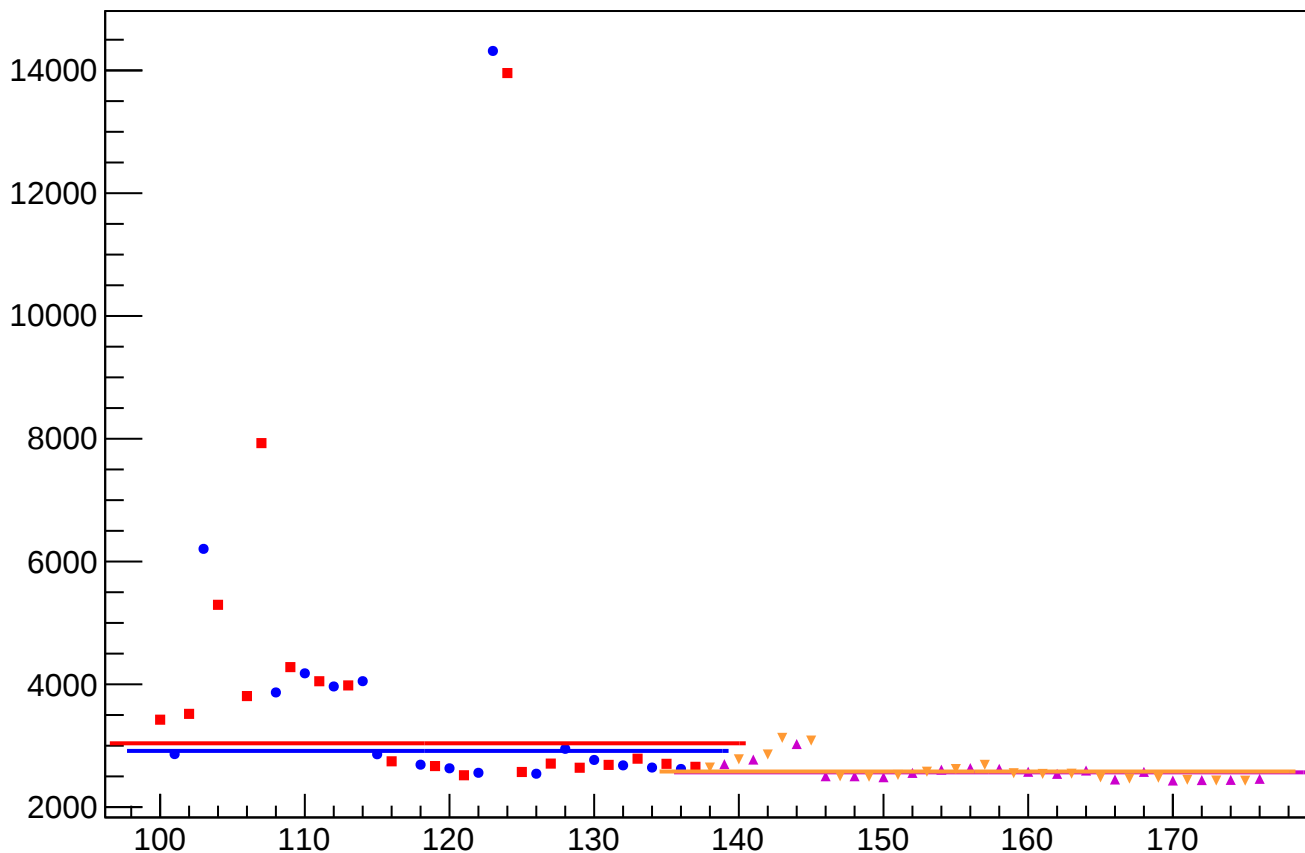
Left In: -1588.170 ± 669.909 χ^2/NDF : 16.1/18

+ sign 1082.535 ± 578.378 χ^2/NDF : 38.5/36

All: -188.518 ± 410.742 χ^2/NDF : 89.6/74

- sign -1481.788 ± 583.410 χ^2/NDF : 41.3/37

asym_atl1_rms vs Slug



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

Left Out: 2579.612+/-0.472 χ^2/NDF : 129975.3/19

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

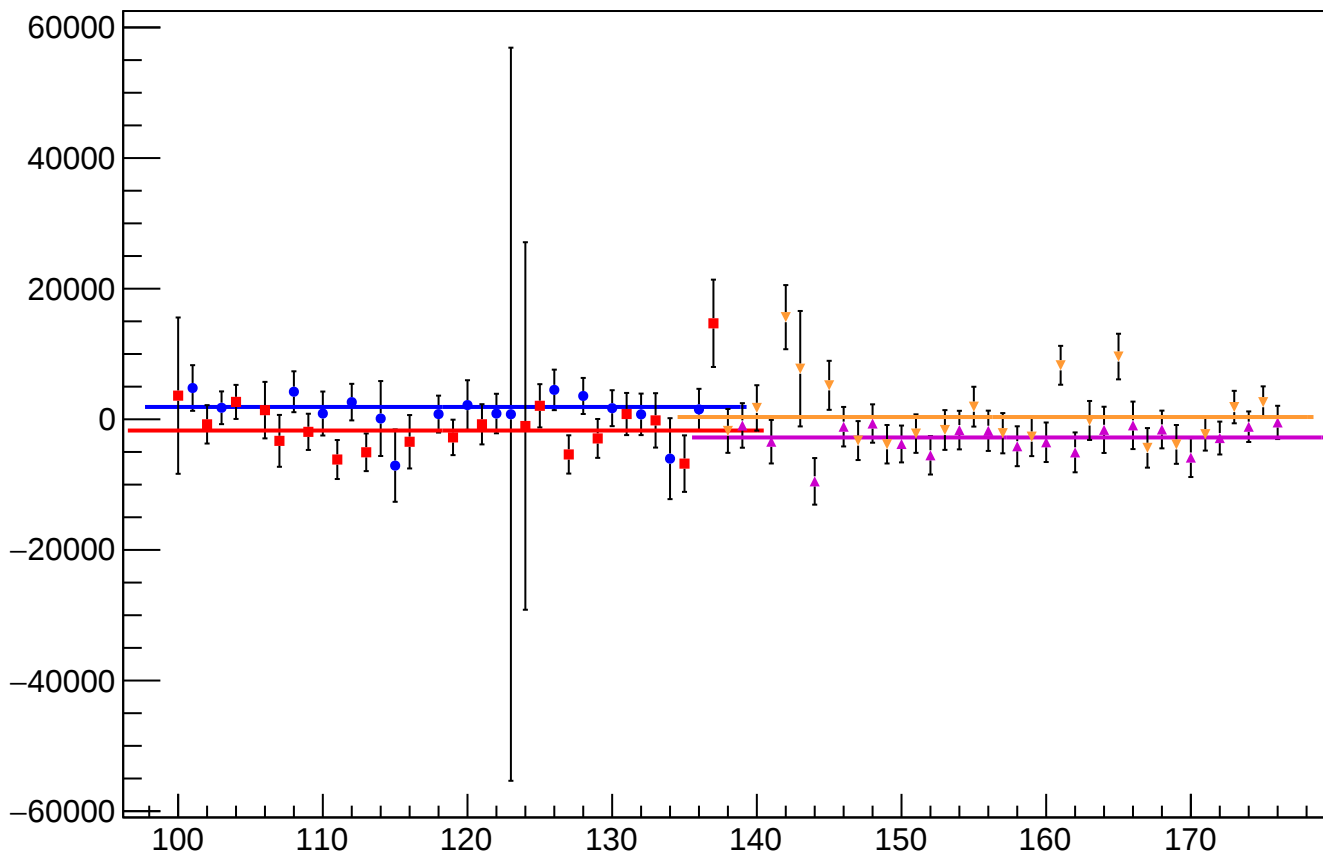
Left In: 2565.904+/-0.474 χ^2/NDF : 76846.2/18

+ sign 2662.979+/-0.409 χ^2/NDF : 894826.2/36

All: 2671.526+/-0.290 χ^2/NDF : 2225034.6/74

- sign 2680.223+/-0.413 χ^2/NDF : 1329327.3/37

reg_asym_atl2_mean vs Slug



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

Left Out: 349.114 ± 691.145 χ^2/NDF : 40.1/19

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

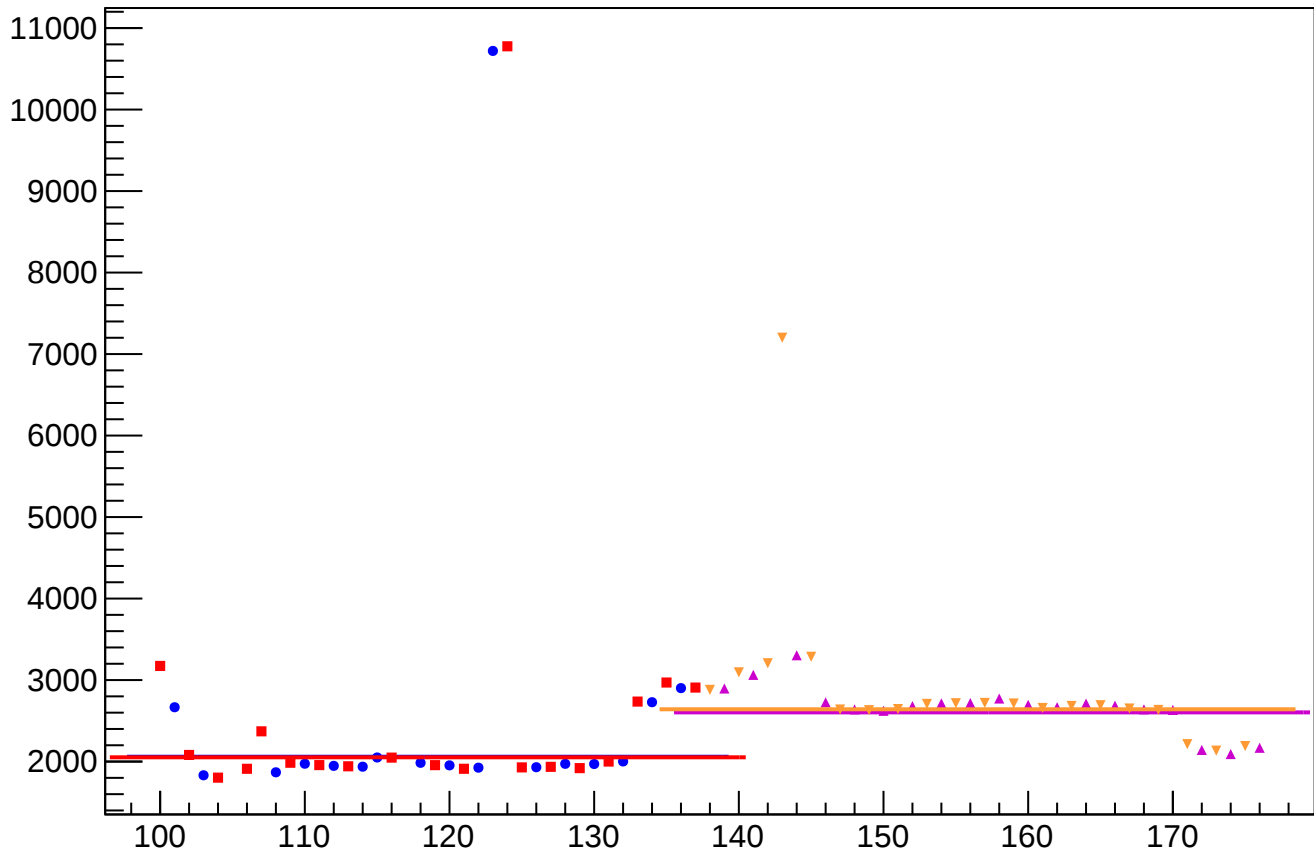
Left In: -2780.004 ± 682.529 χ^2/NDF : 9.7/18

+ sign 996.966 ± 526.153 χ^2/NDF : 49.5/36

All: -695.609 ± 368.587 χ^2/NDF : 99.5/74

- sign -2326.656 ± 516.501 χ^2/NDF : 29.7/37

reg_asym_atl2_rms vs Slug



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

Left Out: 2641.415+/-0.489 χ^2/NDF : 878220.6/19

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

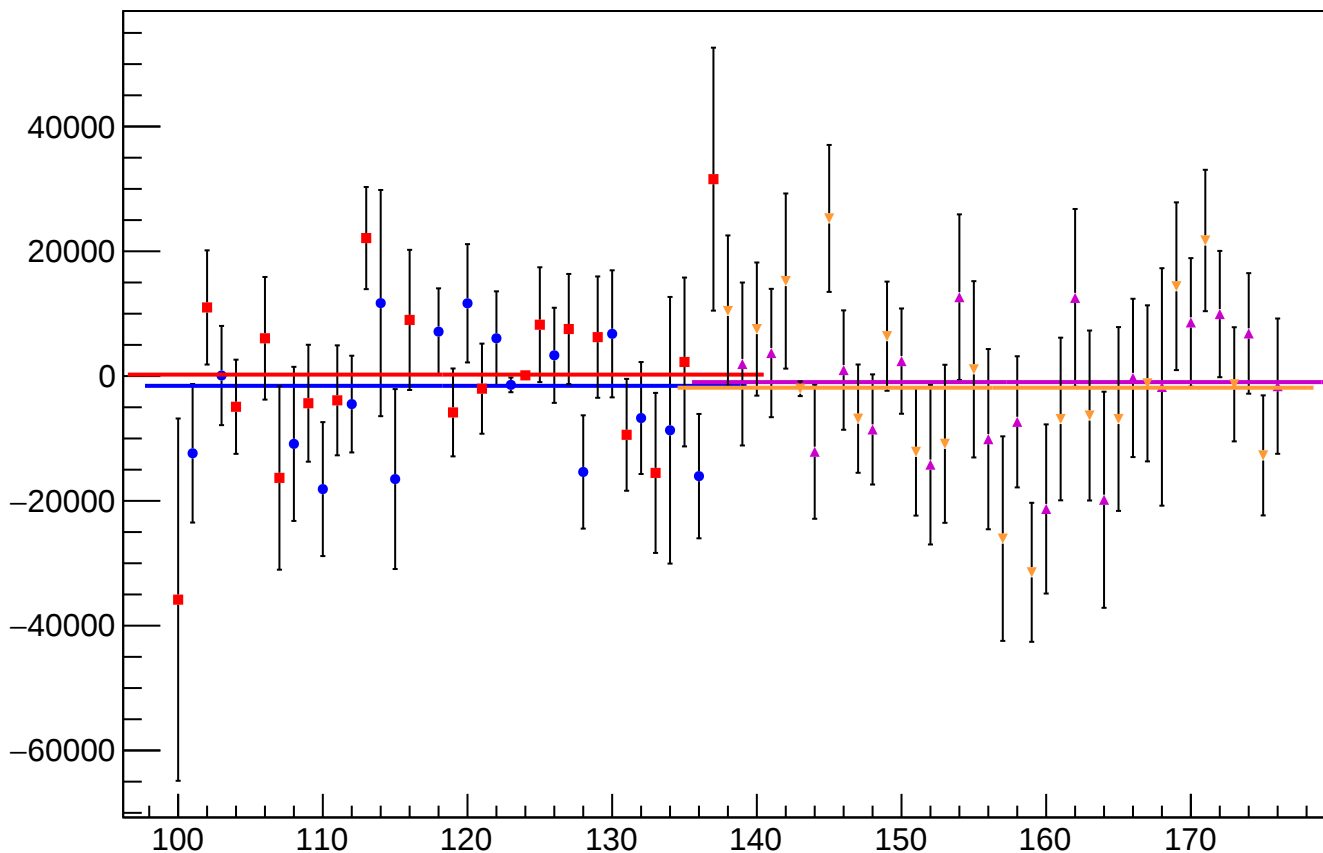
Left In: 2603.557+/-0.483 χ^2/NDF : 373626.6/18

+ sign 2396.519+/-0.372 χ^2/NDF : 1794000.0/36

All: 2381.979+/-0.261 χ^2/NDF : 3171556.2/74

- sign 2367.967+/-0.365 χ^2/NDF : 1374556.9/37

asym_atl2_correction_mean vs Slug



Right In: -1563.218 ± 1053.946 χ^2/NDF : 16.2/16

Left Out: -1865.570 ± 1078.217 χ^2/NDF : 28.1/19

Right Out: 236.197 ± 695.167 χ^2/NDF : 20.8/18

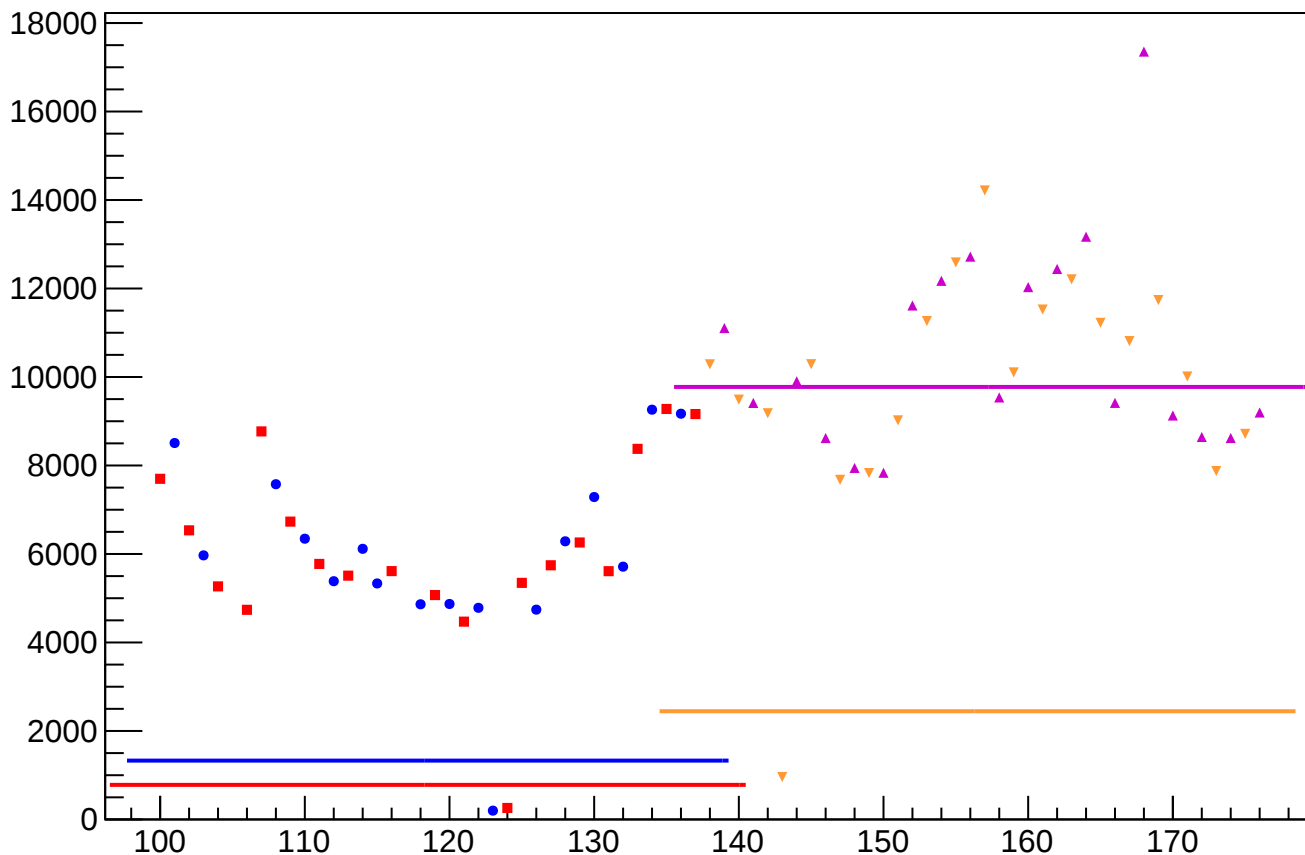
Left In: -964.686 ± 2594.998 χ^2/NDF : 12.2/18

+ sign -1710.953 ± 753.687 χ^2/NDF : 44.3/36

All: -670.276 ± 501.367 χ^2/NDF : 80.9/74

- sign 155.788 ± 671.491 χ^2/NDF : 33.2/37

asym_atl2_correction_rms vs Slug



Right In: 1330.250+/-0.745 χ^2/NDF : 10046828.9/16

Left Out: 2445.560+/-0.762 χ^2/NDF : 19512977.5/19

Right Out: 781.848+/-0.492 χ^2/NDF : 11439893.7/18

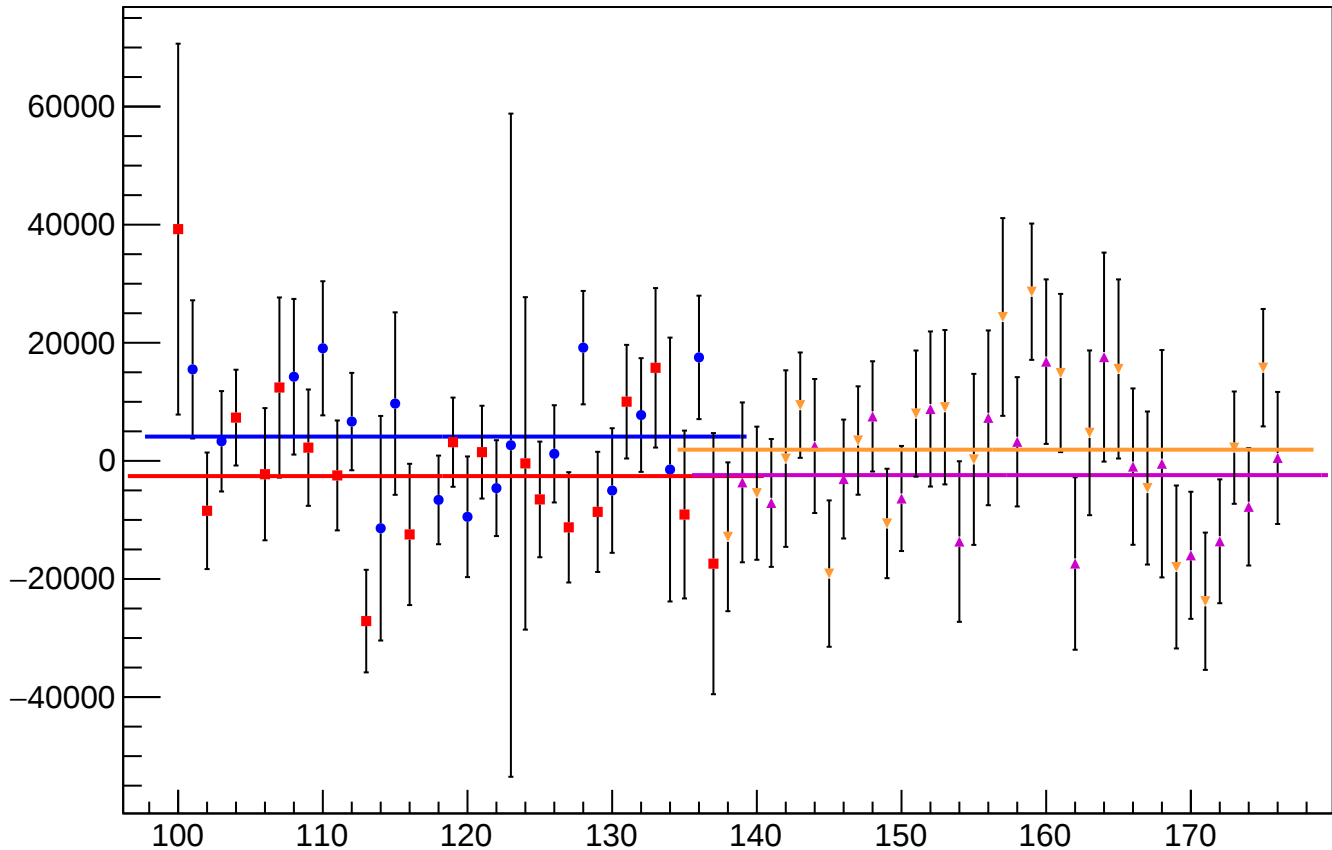
Left In: 9775.329+/-1.835 χ^2/NDF : 1023469.8/18

+ sign 1875.210+/-0.533 χ^2/NDF : 30654151.6/36

All: 1601.390+/-0.355 χ^2/NDF : 66004703.2/7

- sign 1384.038+/-0.475 χ^2/NDF : 34877020.6/37

asym_atl2_mean vs Slug



Right In: 4111.784+/-2534.444 χ^2/NDF : 14.3/16

Left Out: 1895.770+/-2612.425 χ^2/NDF : 26.0/19

Right Out: -2577.719+/-2420.480 χ^2/NDF : 20.0/18

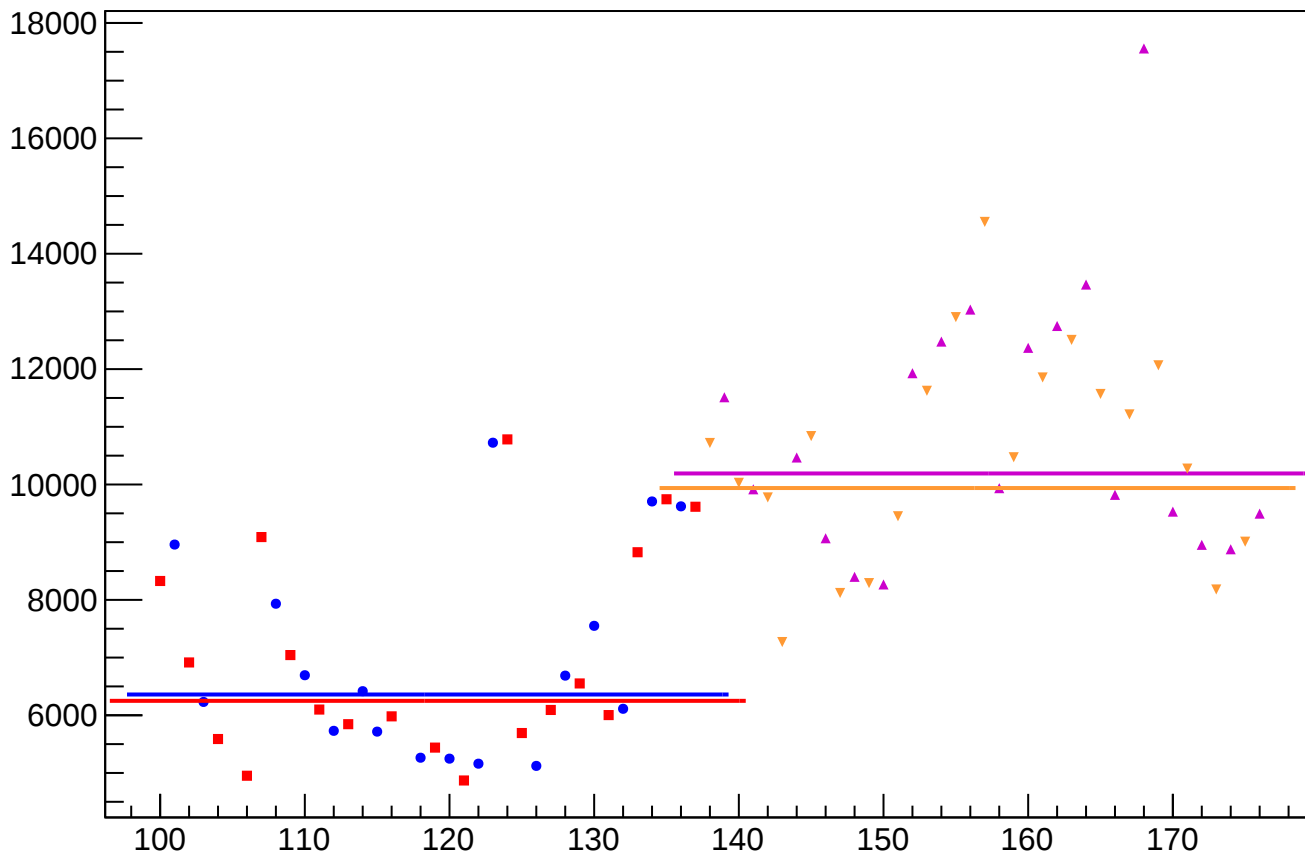
Left In: -2410.171+/-2700.680 χ^2/NDF : 11.2/18

+ sign 3037.345+/-1819.066 χ^2/NDF : 40.7/36

All: 241.767+/-1280.372 χ^2/NDF : 76.5/74

- sign -2503.085+/-1802.487 χ^2/NDF : 31.1/37

asym_atl2_rms vs Slug



Right In: 6359.928+/-1.792 $\chi^2/\text{NDF}: 580471.0/16$

Left Out: 9938.673+/-1.847 $\chi^2/\text{NDF}: 903085.8/19$

Right Out: 6250.049+/-1.711 $\chi^2/\text{NDF}: 532966.2/18$

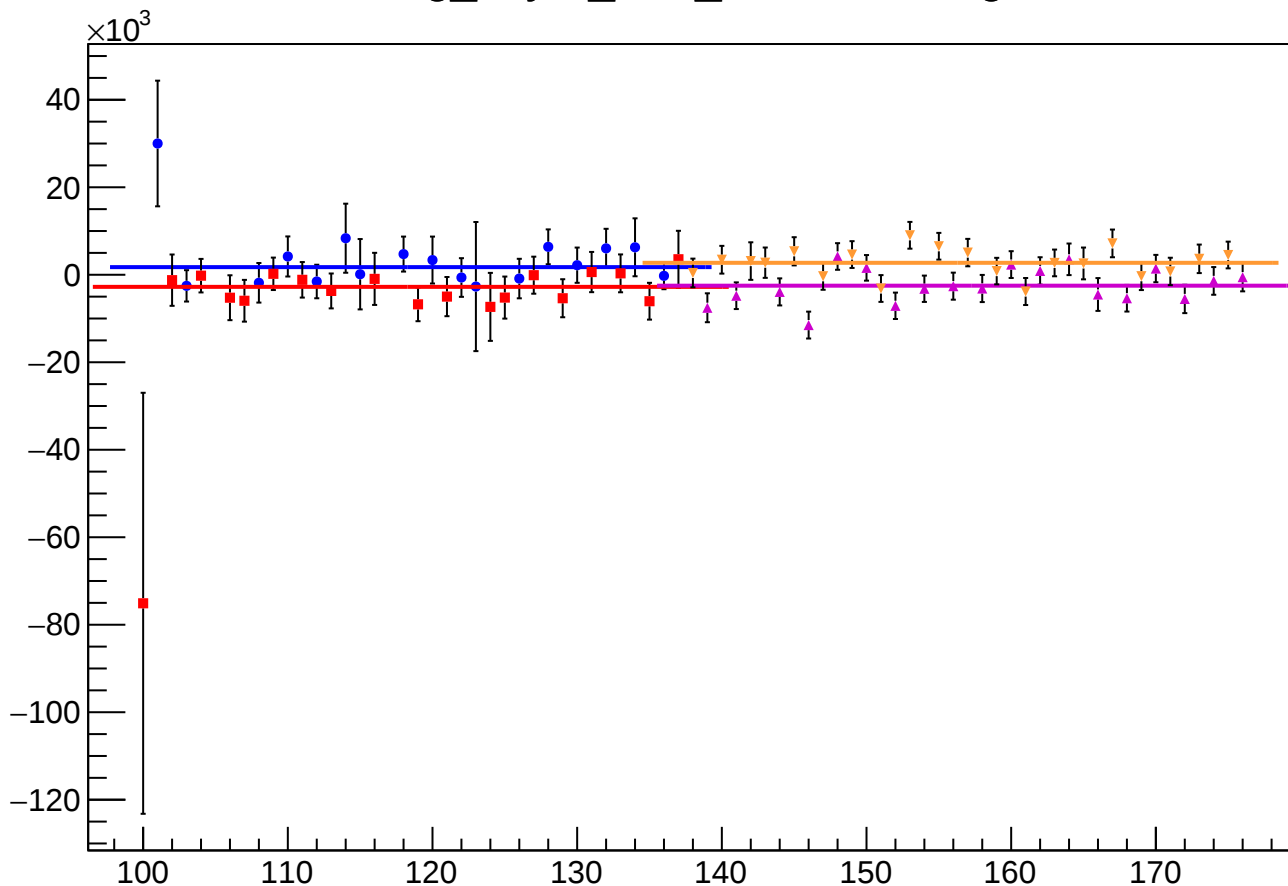
Left In: 10191.409+/-1.910 $\chi^2/\text{NDF}: 930966.6/18$

+ sign 8095.083+/-1.286 $\chi^2/\text{NDF}: 3417027.5/36$

All: 8049.948+/-0.905 $\chi^2/\text{NDF}: 7245701.0/74$

- sign 8005.635+/-1.275 $\chi^2/\text{NDF}: 3826233.4/37$

reg_asym_atr1_mean vs Slug



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

Left Out: 2734.001 $\pm$ 714.415 χ^2 /NDF:21.2/19

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

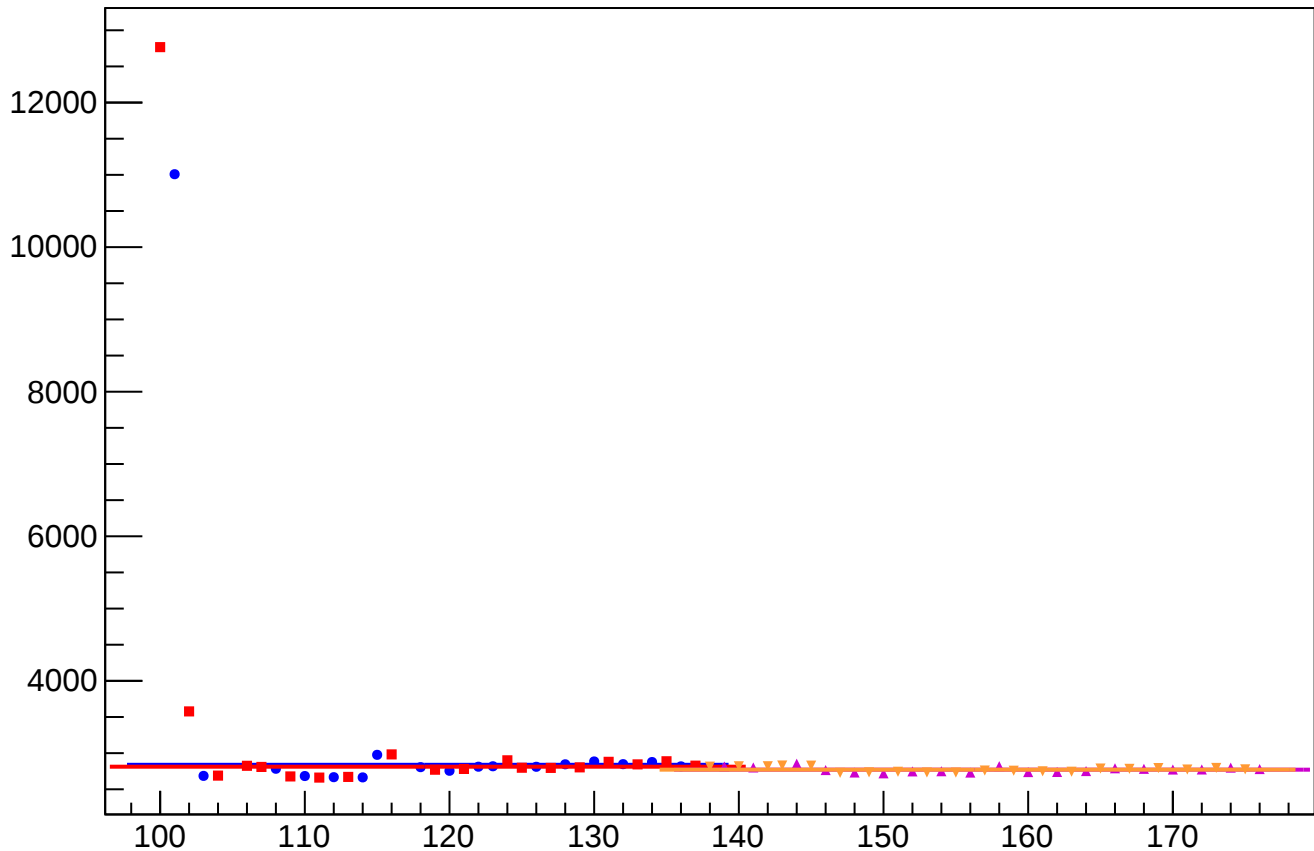
Left In: -2496.131 $\pm$ 721.704 χ^2 /NDF:31.4/18

+ sign 2451.334 $\pm$ 603.628 χ^2 /NDF: 34.0/36

All: -84.919 $\pm$ 425.064 χ^2 /NDF: 110.1/74

- sign -2579.637 $\pm$ 598.665 χ^2 /NDF: 41.1/37

reg_asym_atr1_rms vs Slug



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

Left Out: 2771.619+/-0.505 χ^2/NDF : 4339.5/19

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

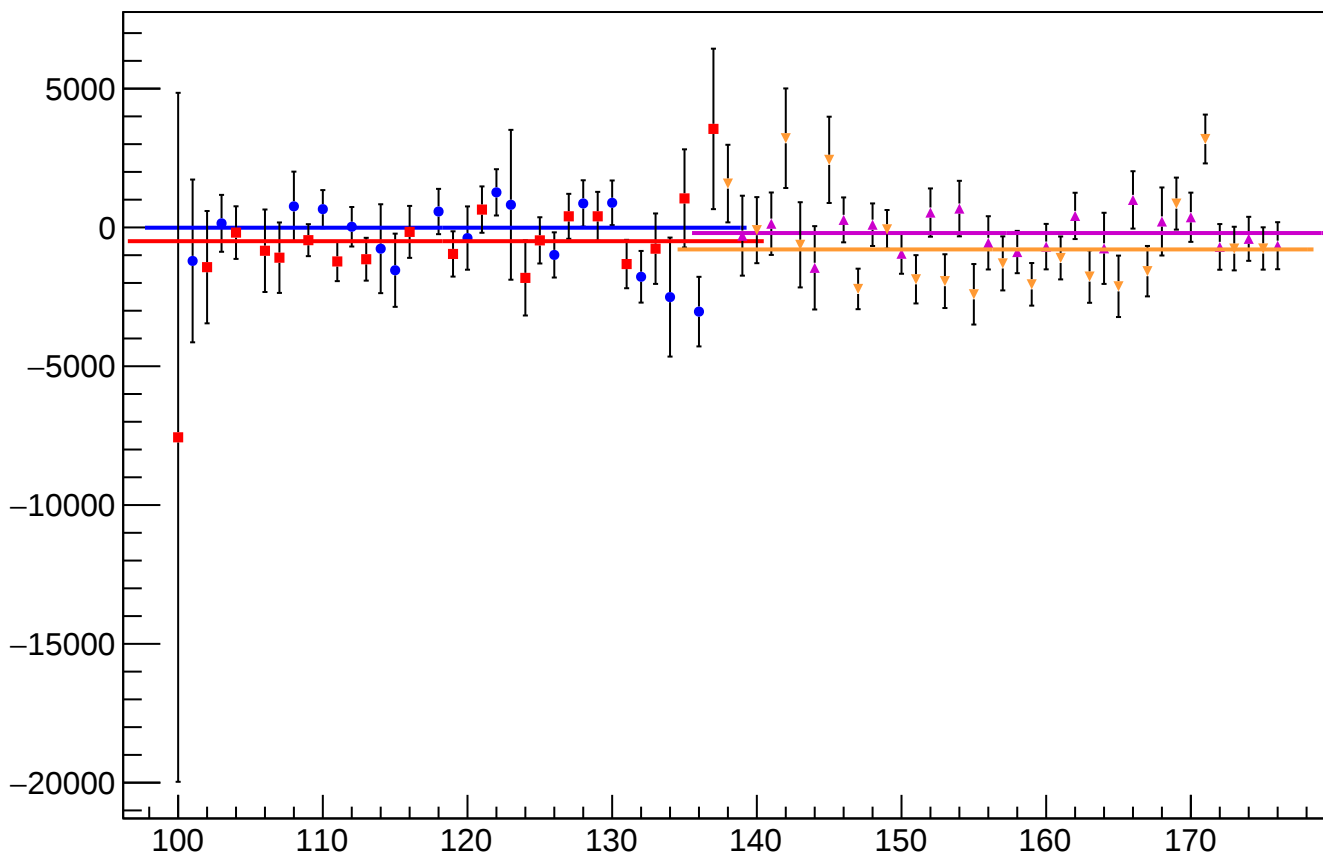
Left In: 2771.345+/-0.510 χ^2/NDF : 4721.3/18

+ sign 2790.822+/-0.427 χ^2/NDF : 669599.2/36

All: 2787.494+/-0.301 χ^2/NDF : 809546.1/74

- sign 2784.221+/-0.423 χ^2/NDF : 139826.4/37

asym_atr1_correction_mean vs Slug



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

Left Out: -792.223 ± 209.035 χ^2/NDF : 52.5/19

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

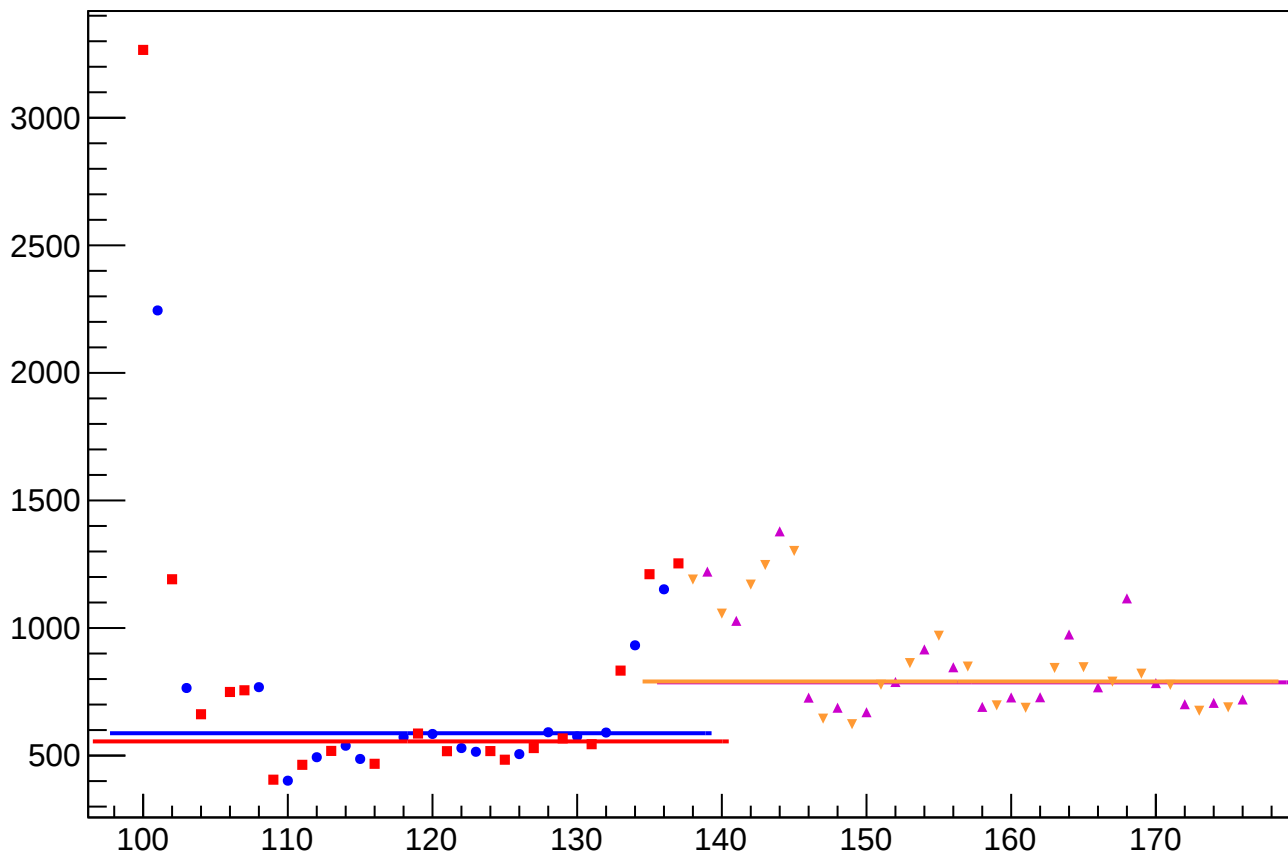
Left In: -201.901 ± 209.095 χ^2/NDF : 8.5/18

+ sign -457.402 ± 158.101 χ^2/NDF : 79.2/36

All: -396.482 ± 109.590 χ^2/NDF : 100.7/74

- sign -340.140 ± 152.045 χ^2/NDF : 21.3/37

asym_atr1_correction_rms vs Slug



Right In: 587.596 $\pm$ 0.171 χ^2/NDF : 1425769.6/16

Left Out: 790.414 $\pm$ 0.148 χ^2/NDF : 1172333.7/19

Right Out: 555.534 $\pm$ 0.157 χ^2/NDF : 1106760.5/18

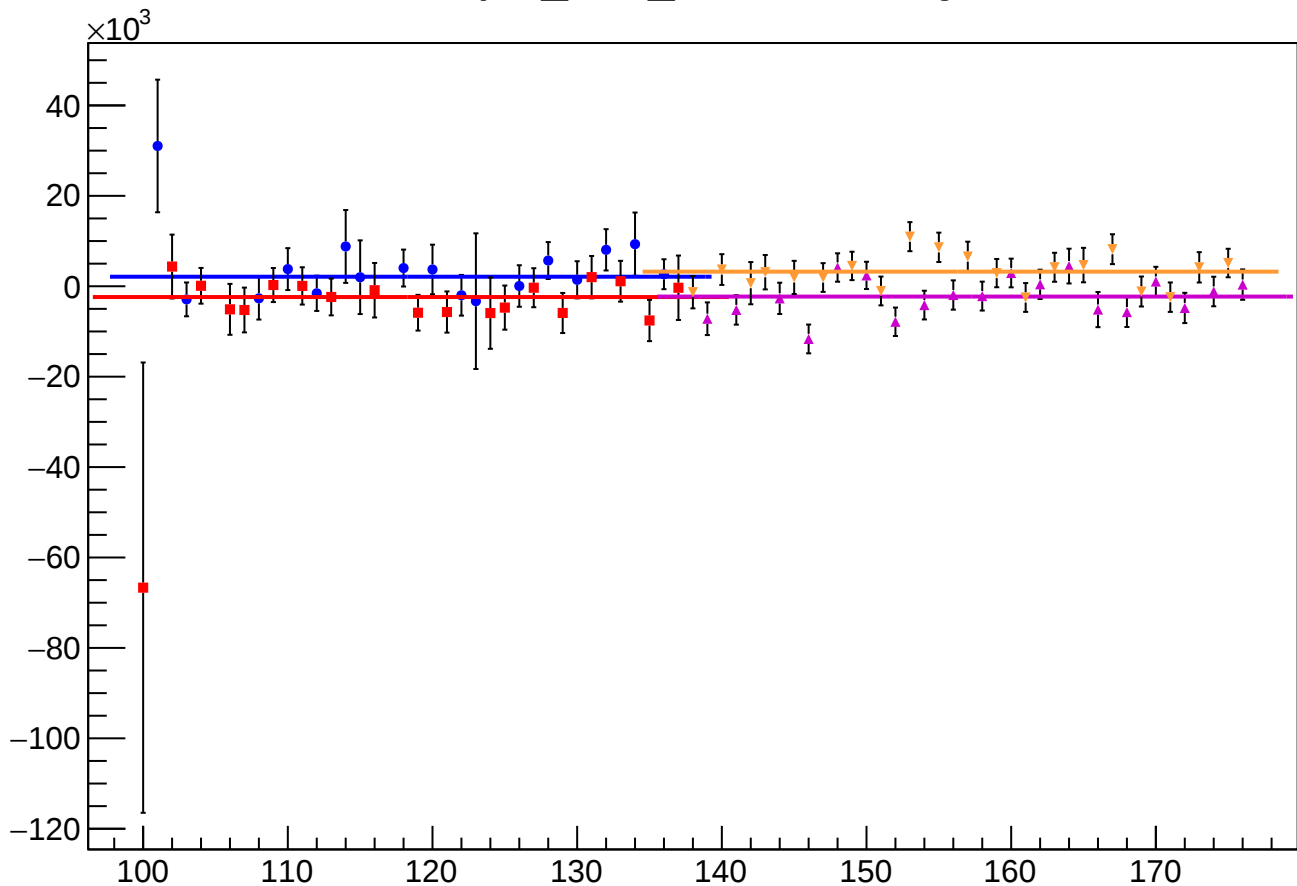
Left In: 787.023 $\pm$ 0.148 χ^2/NDF : 1017398.9/18

+ sign 703.618 $\pm$ 0.112 χ^2/NDF : 3403849.3/36

All: 690.275 $\pm$ 0.077 χ^2/NDF : 6710606.0/74

- sign 677.935 $\pm$ 0.108 χ^2/NDF : 3279338.8/37

asym_atr1_mean vs Slug



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

Left Out: 3233.879 $\pm$ 751.682 χ^2 /NDF:24.7/19

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

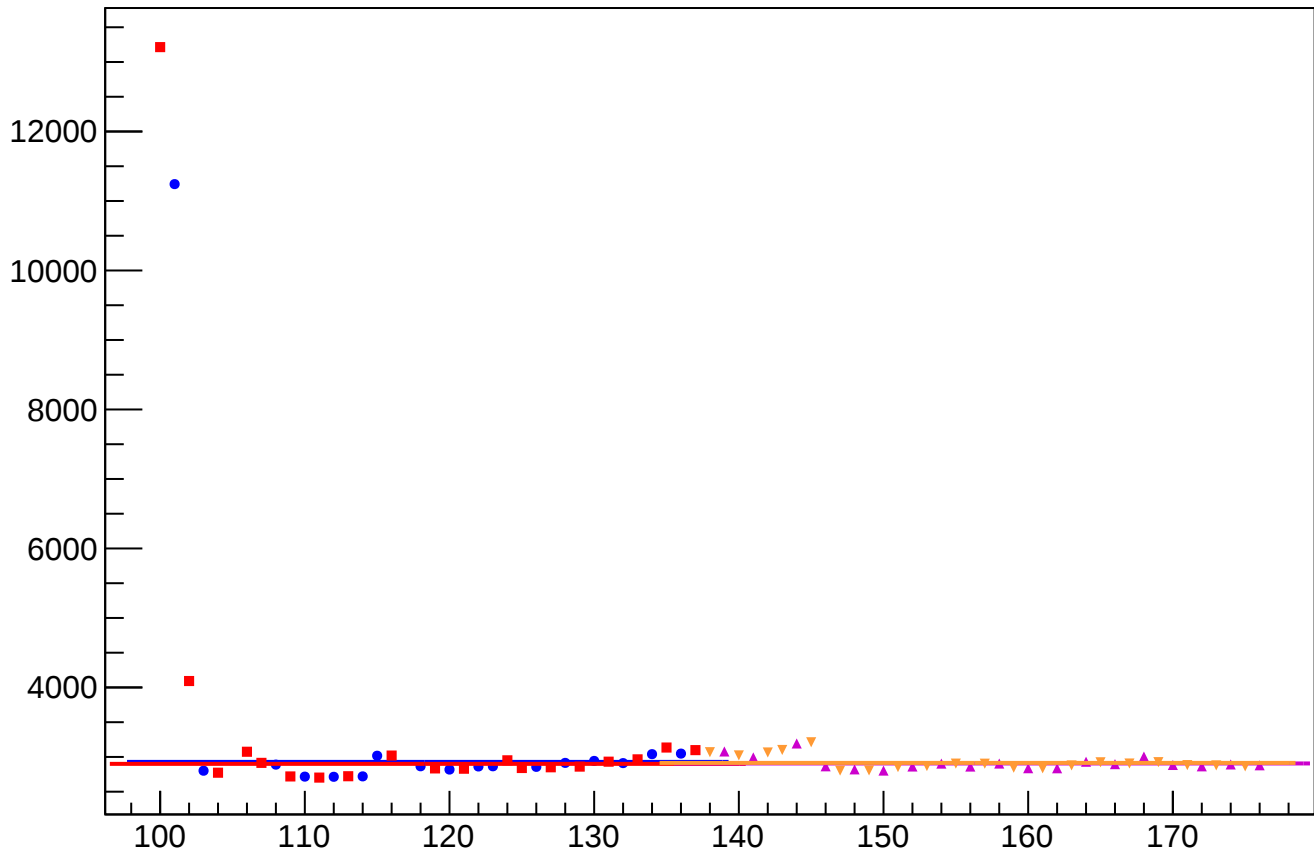
Left In: -2280.564 $\pm$ 757.163 χ^2 /NDF:31.9/18

+ sign 2902.818 $\pm$ 631.513 χ^2 /NDF: 38.8/36

All: 269.638 $\pm$ 444.421 χ^2 /NDF: 115.1/74

- sign -2313.987 $\pm$ 625.542 χ^2 /NDF: 41.8/37

asym_atr1_rms vs Slug



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

Left Out: 2914.376 $\pm$ 0.532 χ^2 /NDF: 35048.7/19

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

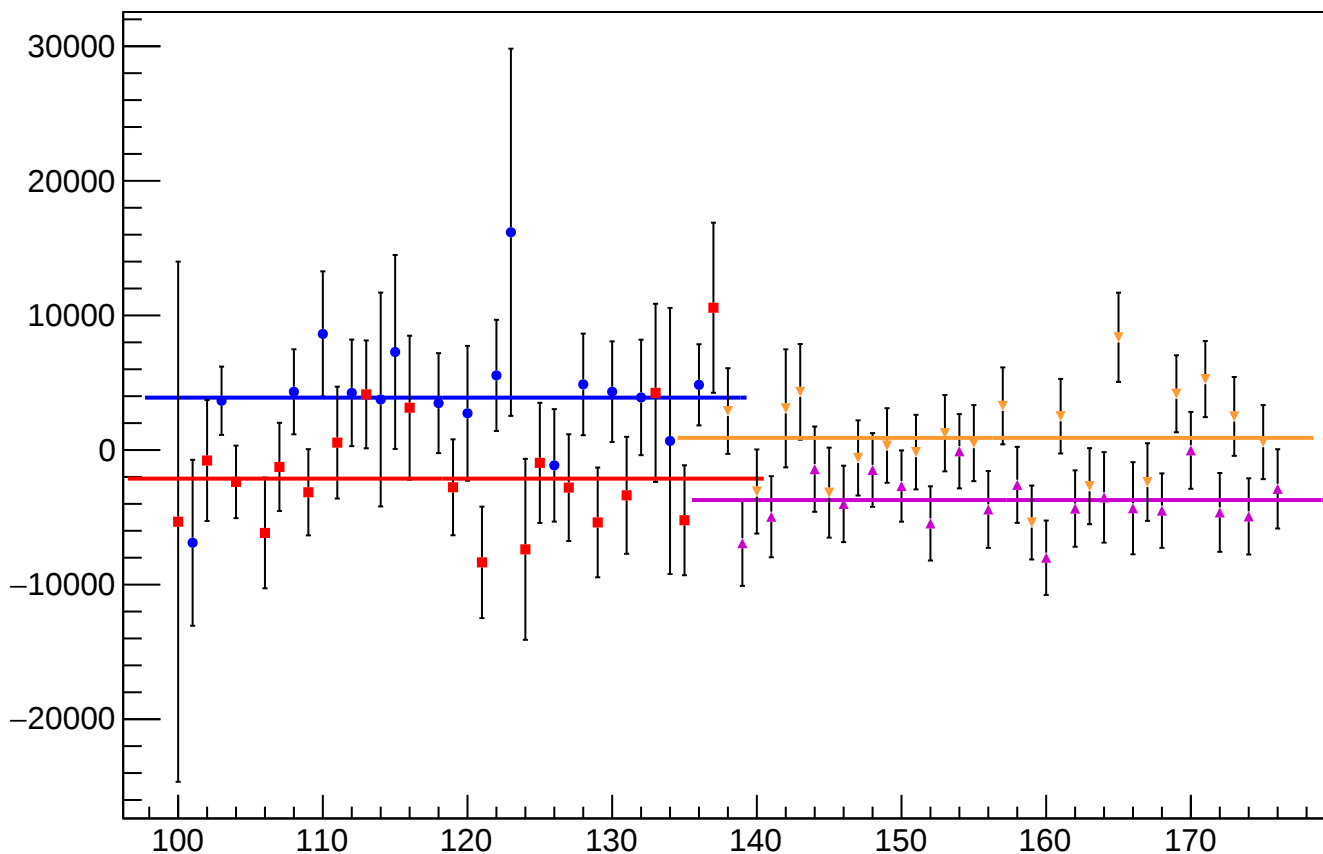
Left In: 2906.316 $\pm$ 0.535 χ^2 /NDF: 28959.2/18

+ sign 2918.590 $\pm$ 0.447 χ^2 /NDF: 697625.3/36

All: 2911.458 $\pm$ 0.314 χ^2 /NDF: 896848.2/74

- sign 2904.461 $\pm$ 0.442 χ^2 /NDF: 198717.7/37

reg_asym_atr2_mean vs Slug



Right In: 3892.504 $\pm$ 1011.718 χ^2 /NDF: 7.1/16

Left Out: 901.079 $\pm$ 662.536 χ^2 /NDF: 23.5/19

Right Out: -2124.700 $\pm$ 958.418 χ^2 /NDF: 14.3/18

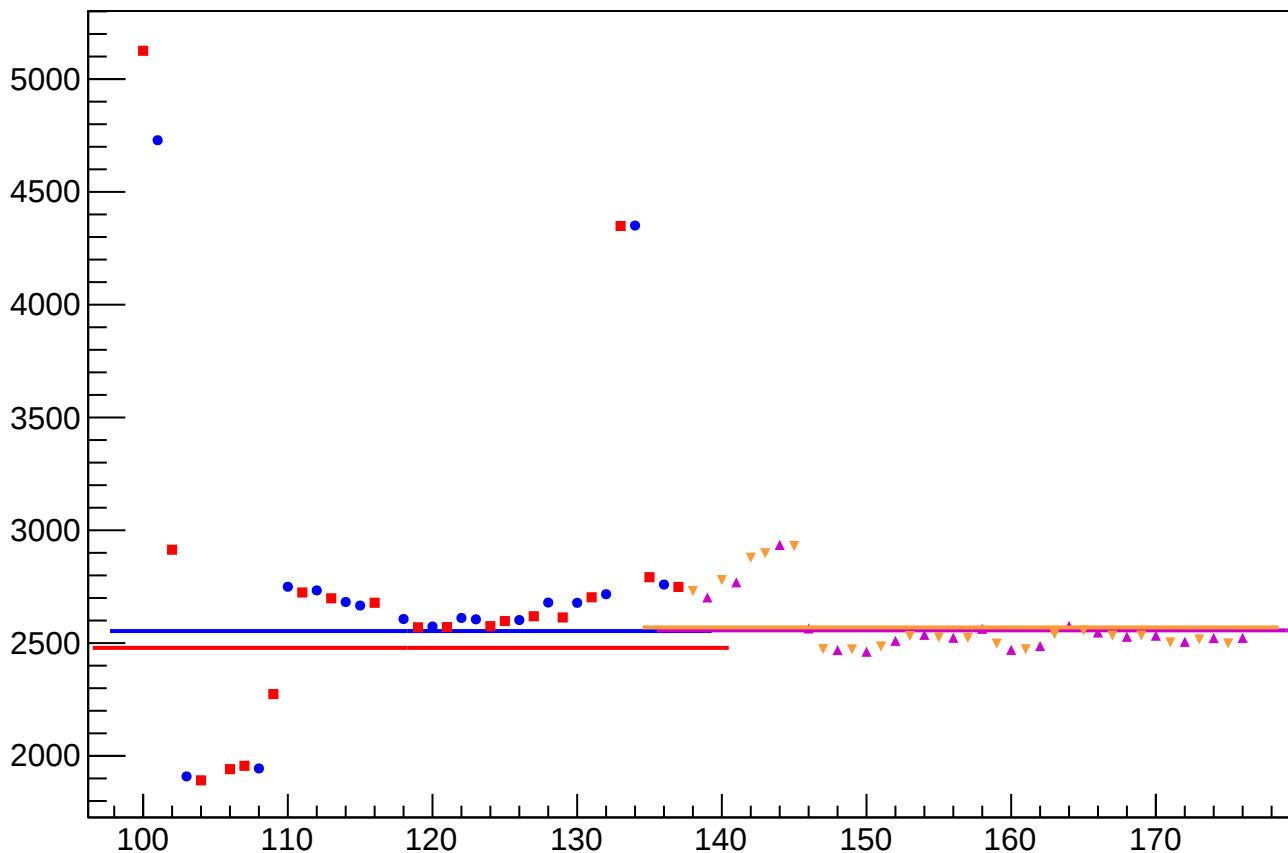
Left In: -3716.400 $\pm$ 665.284 χ^2 /NDF: 9.5/18

+ sign 1798.906 $\pm$ 554.264 χ^2 /NDF: 36.7/36

All: -735.122 $\pm$ 389.157 χ^2 /NDF: 103.6/74

- sign -3198.837 $\pm$ 546.520 χ^2 /NDF: 25.7/37

reg_asym_atr2_rms vs Slug



Right In: 2553.280 $\pm$ 0.715 χ^2 /NDF: 545226.9/16

Left Out: 2569.484 $\pm$ 0.468 χ^2 /NDF: 80361.5/19

Right Out: 2478.860 $\pm$ 0.678 χ^2 /NDF: 449502.6/18

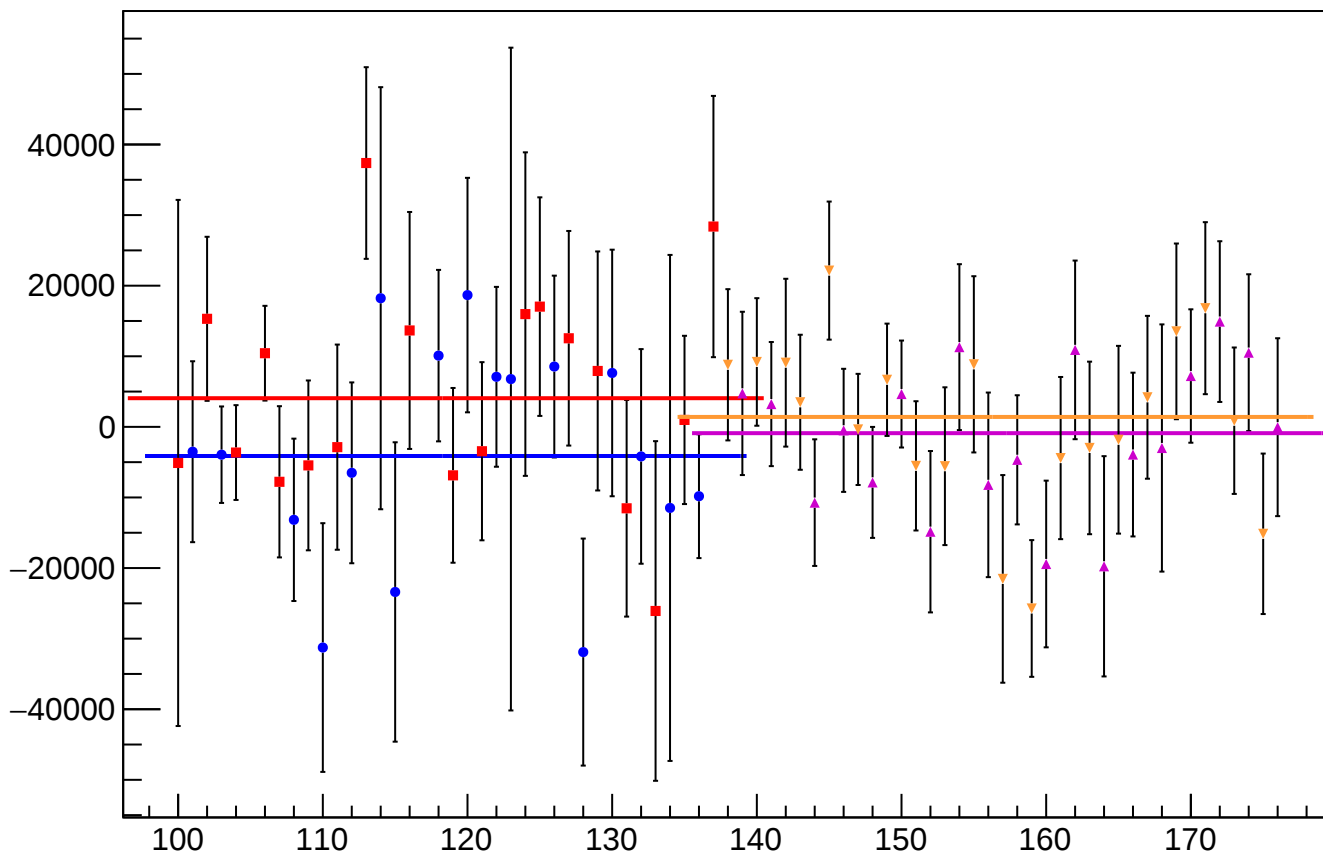
Left In: 2556.488 $\pm$ 0.470 χ^2 /NDF: 53066.9/18

+ sign 2564.621 $\pm$ 0.392 χ^2 /NDF: 625947.5/36

All: 2547.699 $\pm$ 0.275 χ^2 /NDF: 1141048.2/74

- sign 2531.246 $\pm$ 0.386 χ^2 /NDF: 511423.9/37

asym_atr2_correction_mean vs Slug



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

Left Out: 1407.272 ± 2352.638 χ^2/NDF : 23.4/19

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

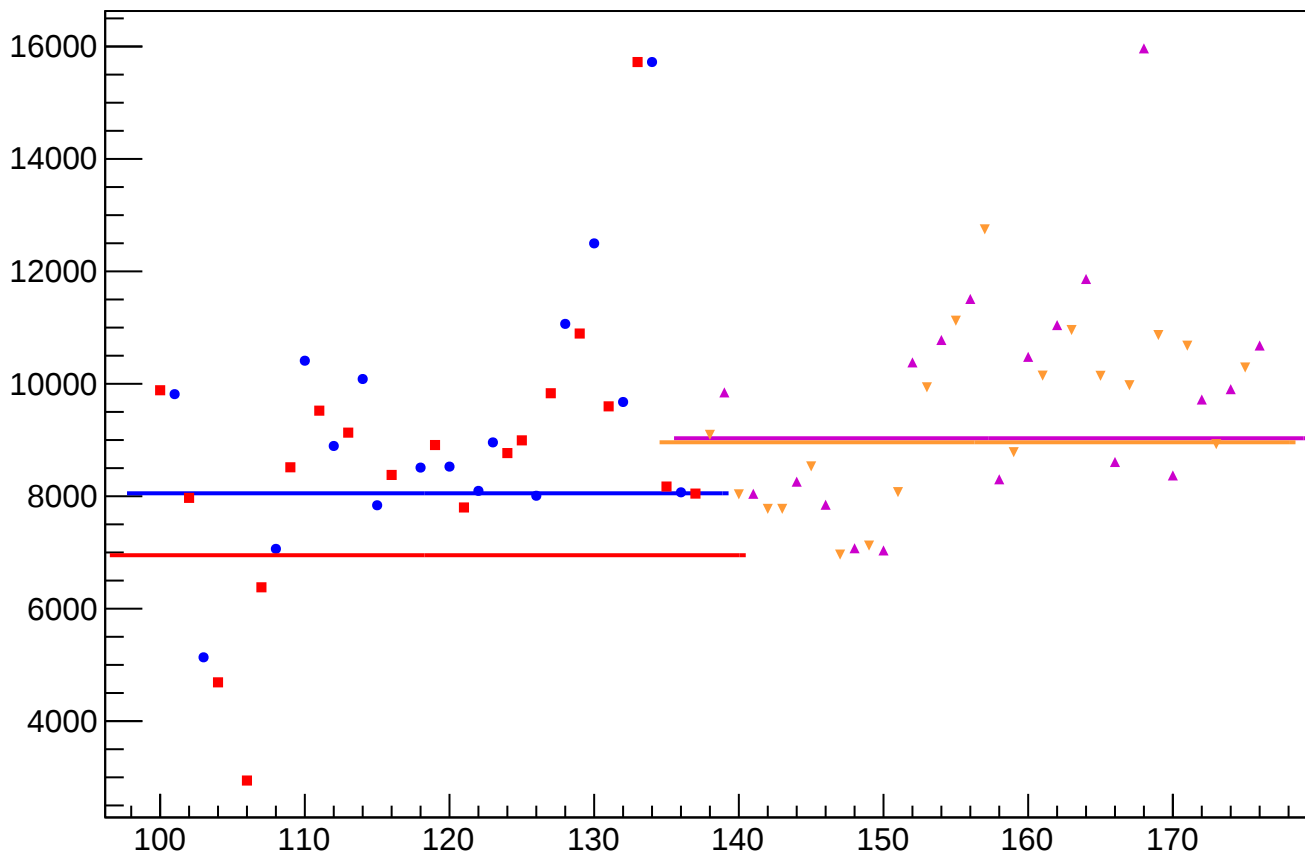
Left In: -892.603 ± 2398.311 χ^2/NDF : 14.6/18

+ sign -513.127 ± 1901.065 χ^2/NDF : 38.7/36

All: 362.179 ± 1318.722 χ^2/NDF : 74.1/74

- sign 1174.001 ± 1830.827 χ^2/NDF : 34.9/37

asym_atr2_correction_rms vs Slug



Right In: 8052.552 $\pm$ 2.282 χ^2 /NDF: 790724.2/16

Left Out: 8960.026 $\pm$ 1.664 χ^2 /NDF: 758660.2/19

Right Out: 6950.943 $\pm$ 2.004 χ^2 /NDF: 1776578.9/18

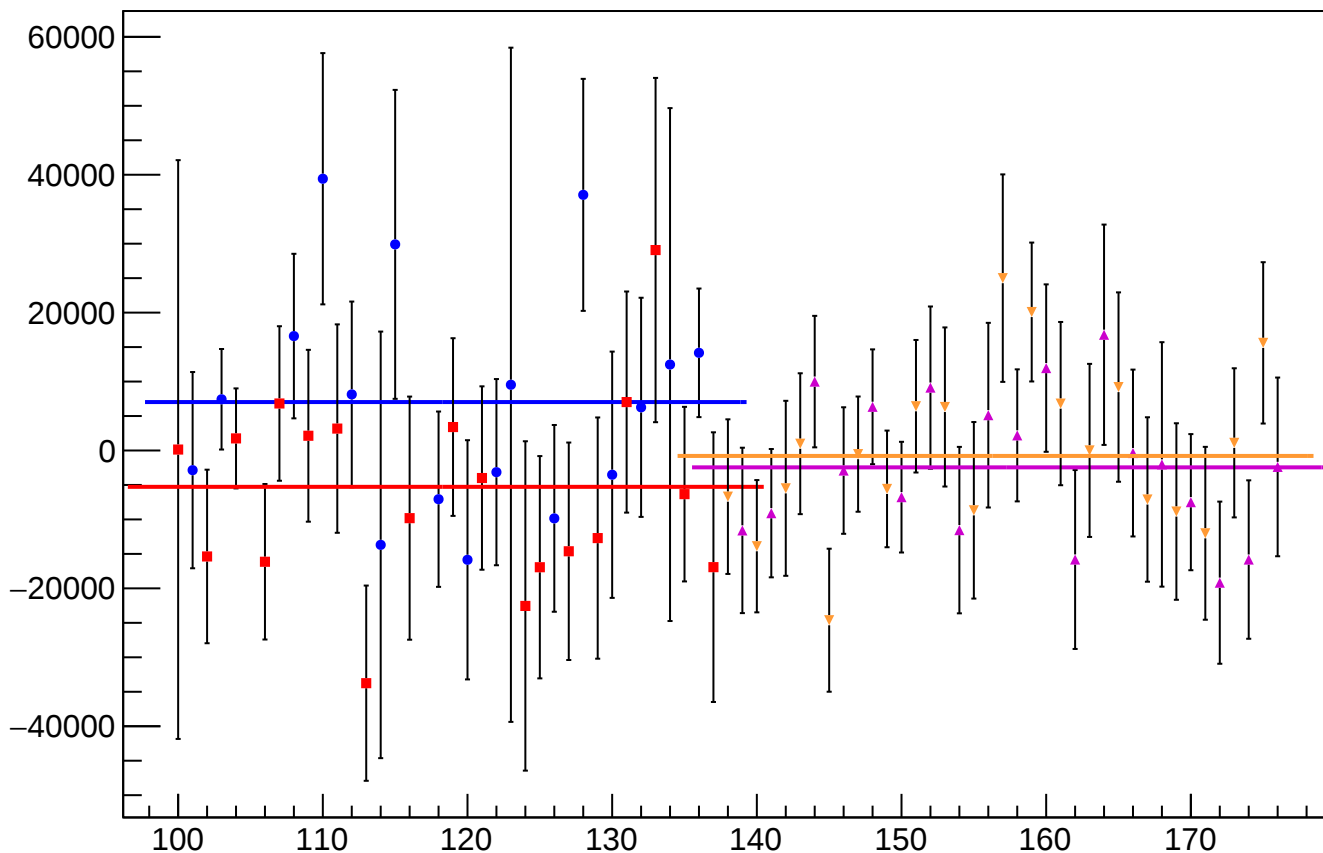
Left In: 9031.464 $\pm$ 1.696 χ^2 /NDF: 1033027.0/18

+ sign 8645.092 $\pm$ 1.344 χ^2 /NDF: 1652654.0/36

All: 8395.168 $\pm$ 0.932 χ^2 /NDF: 5156882.8/74

- sign 8163.370 $\pm$ 1.295 χ^2 /NDF: 3437603.0/37

asym_atr2_mean vs Slug



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

Left Out: -788.909+/-2461.813 χ^2/NDF : 20.9/19

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

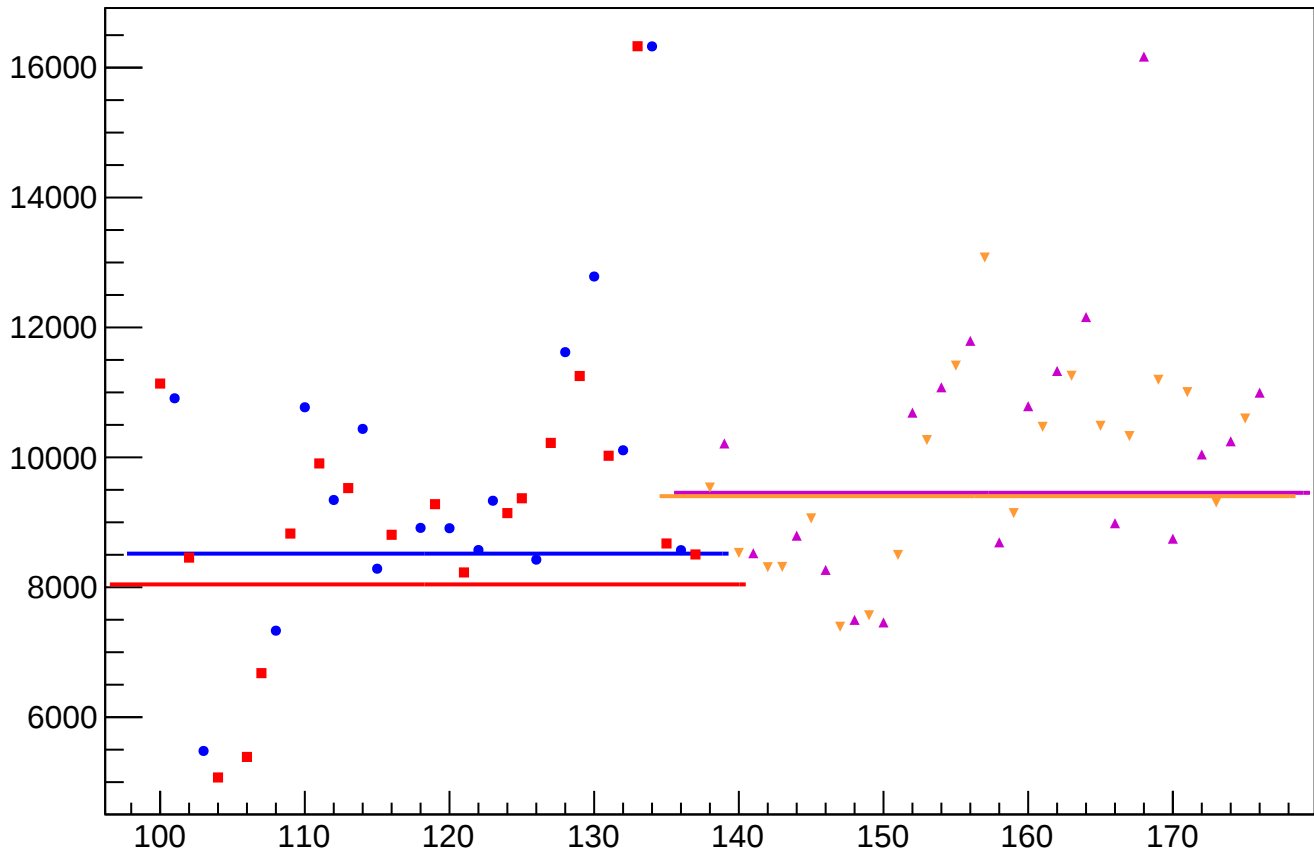
Left In: -2446.530+/-2503.858 χ^2/NDF : 13.9/18

+ sign 1888.977+/-1995.906 χ^2/NDF : 39.3/36

All: -864.958+/-1400.060 χ^2/NDF : 70.8/74

- sign -3532.732+/-1964.435 χ^2/NDF : 27.7/37

asym_atr2_rms vs Slug



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

Left Out: 9402.440+/-1.741 χ^2 /NDF:642192.3/19

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

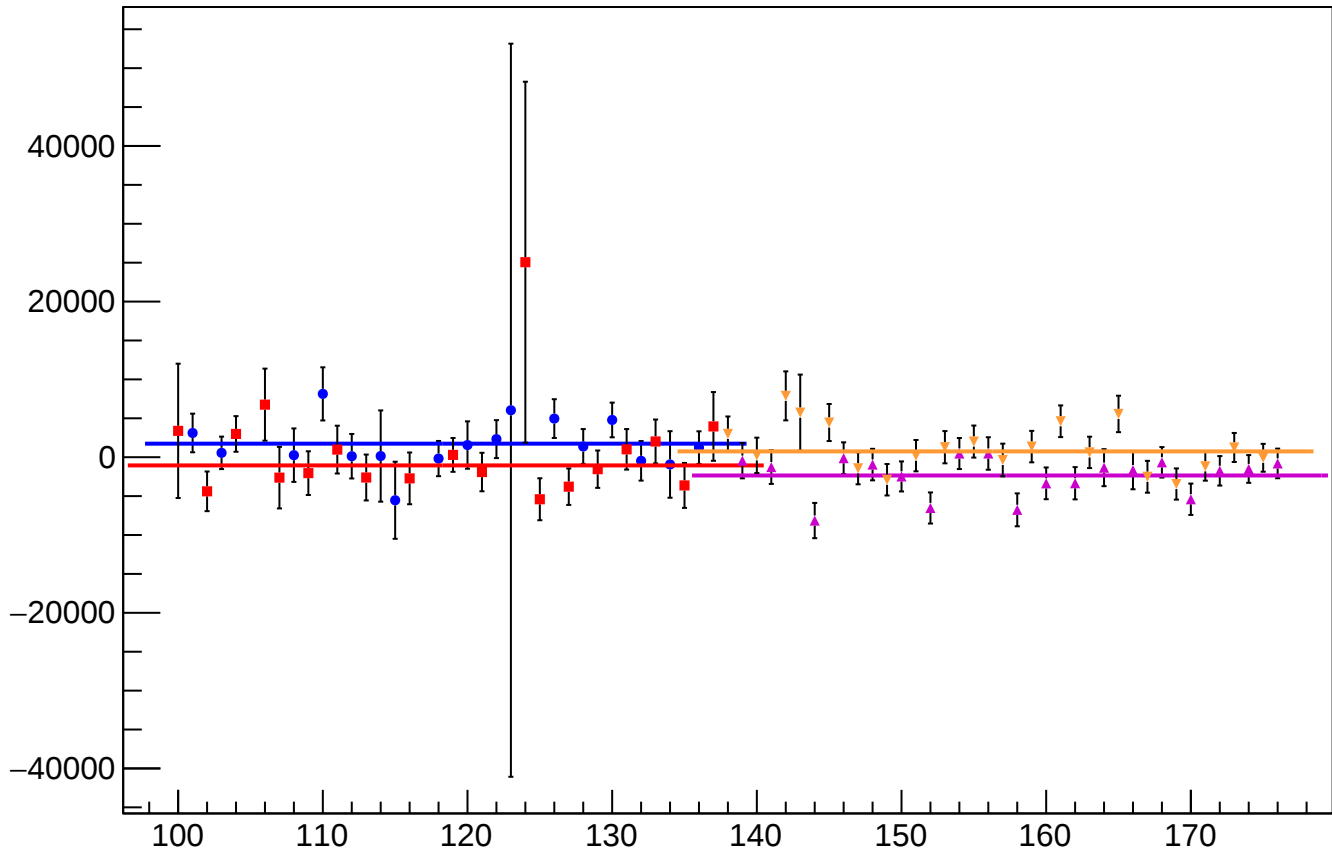
Left In: 9454.387+/-1.770 χ^2 /NDF:903108.7/18

+ sign 9099.312+/-1.411 χ^2 /NDF: 1493958.7/36

All: 9004.230+/-0.990 χ^2 /NDF: 3602111.6/74

- sign 8912.125+/-1.389 χ^2 /NDF: 2099217.2/37

reg_asym_atl_avg_mean vs Slug



Right In: 1739.640 ± 670.395 χ^2/NDF : 12.4/16

Left Out: 745.727 ± 474.943 χ^2/NDF : 31.1/19

Right Out: -1055.584 ± 670.984 χ^2/NDF : 18.9/18

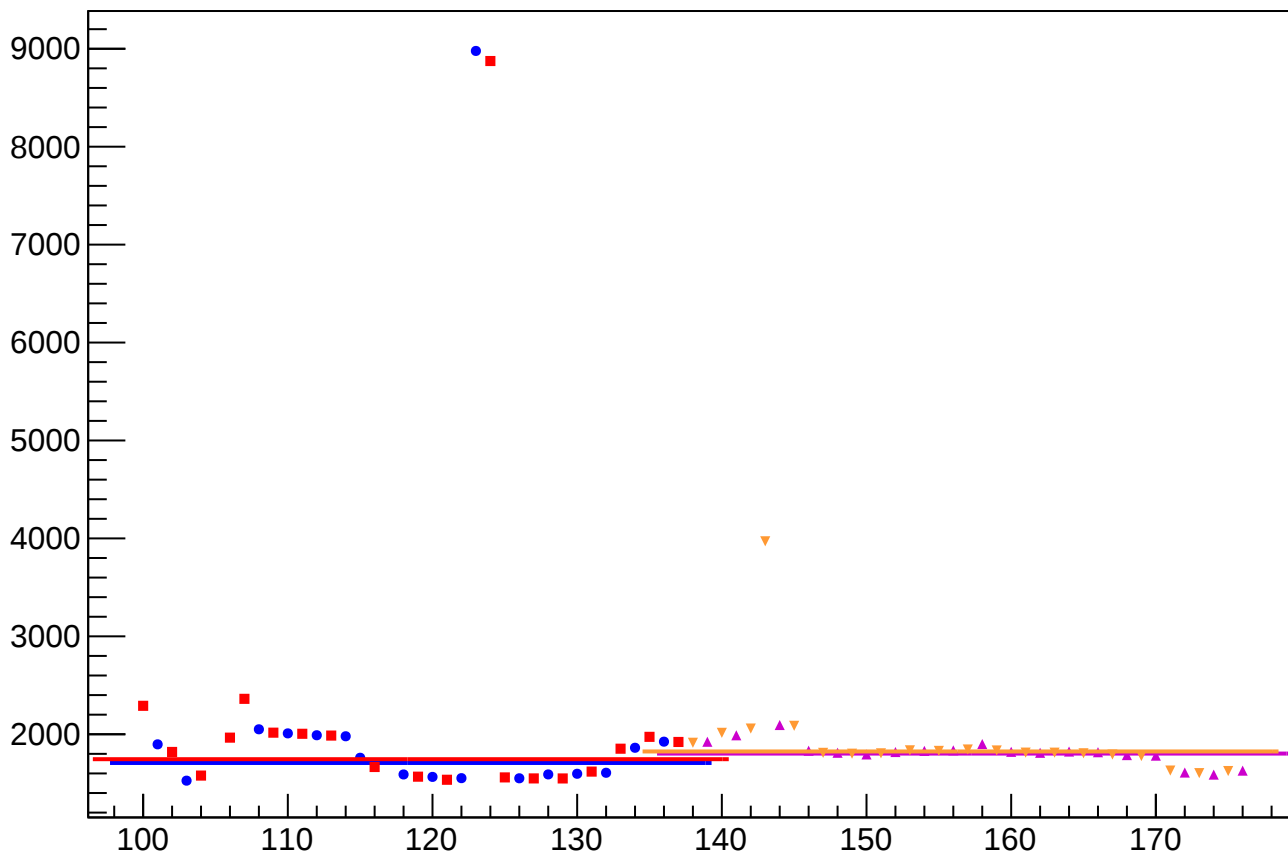
Left In: -2349.404 ± 471.359 χ^2/NDF : 26.5/18

+ sign 1077.872 ± 387.543 χ^2/NDF : 44.9/36

All: -429.158 ± 273.381 χ^2/NDF : 122.9/74

- sign -1921.891 ± 385.701 χ^2/NDF : 47.8/37

reg_asym_atl_avg_rms vs Slug



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

Left Out: 1824.344+/-0.336 χ^2/NDF : 516217.8/19

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

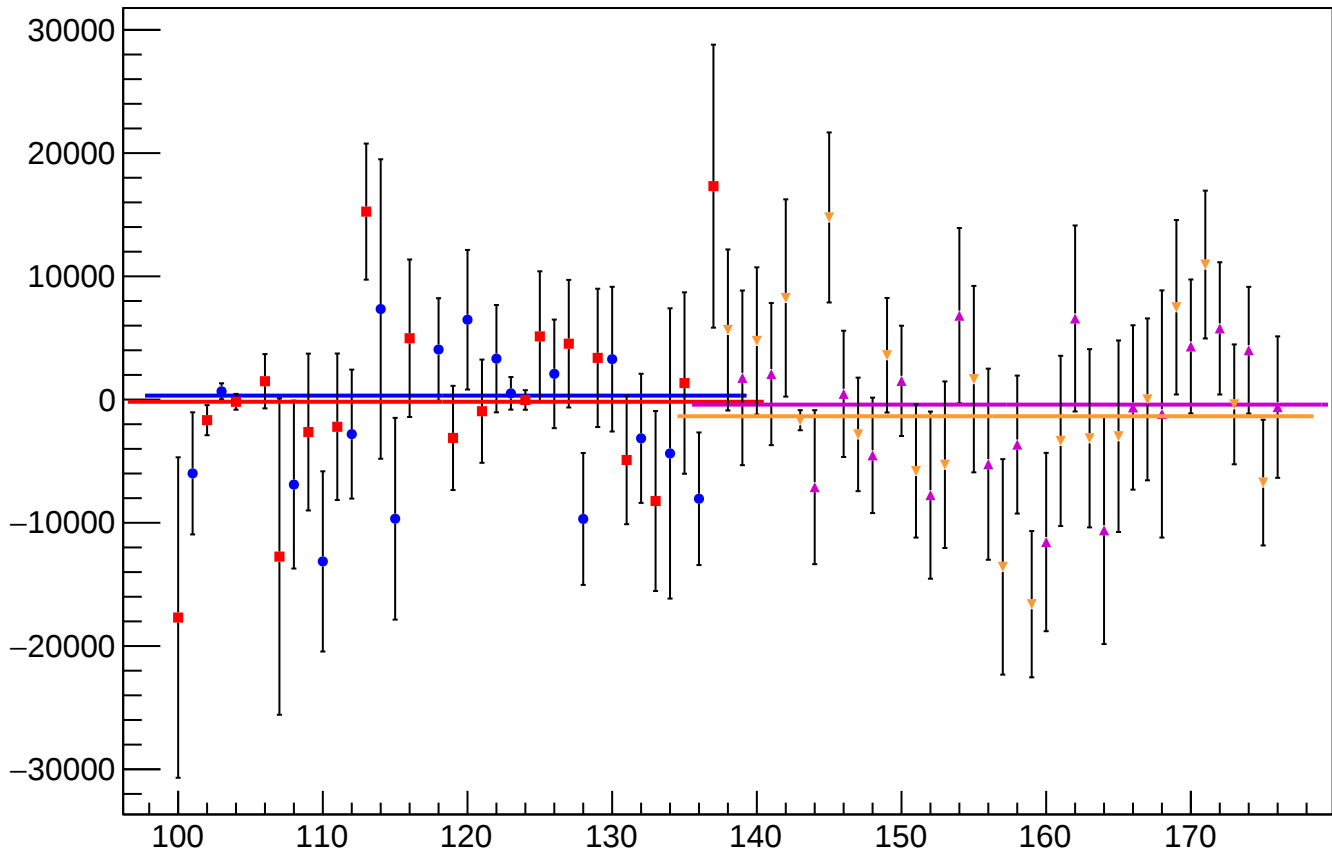
Left In: 1802.813+/-0.333 χ^2/NDF : 126888.2/18

+ sign 1785.086+/-0.274 χ^2/NDF : 754664.5/36

All: 1784.409+/-0.193 χ^2/NDF : 1291228.1/74

- sign 1783.740+/-0.272 χ^2/NDF : 536551.6/37

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1352.617+/-705.079 χ^2/NDF : 27.4/19

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

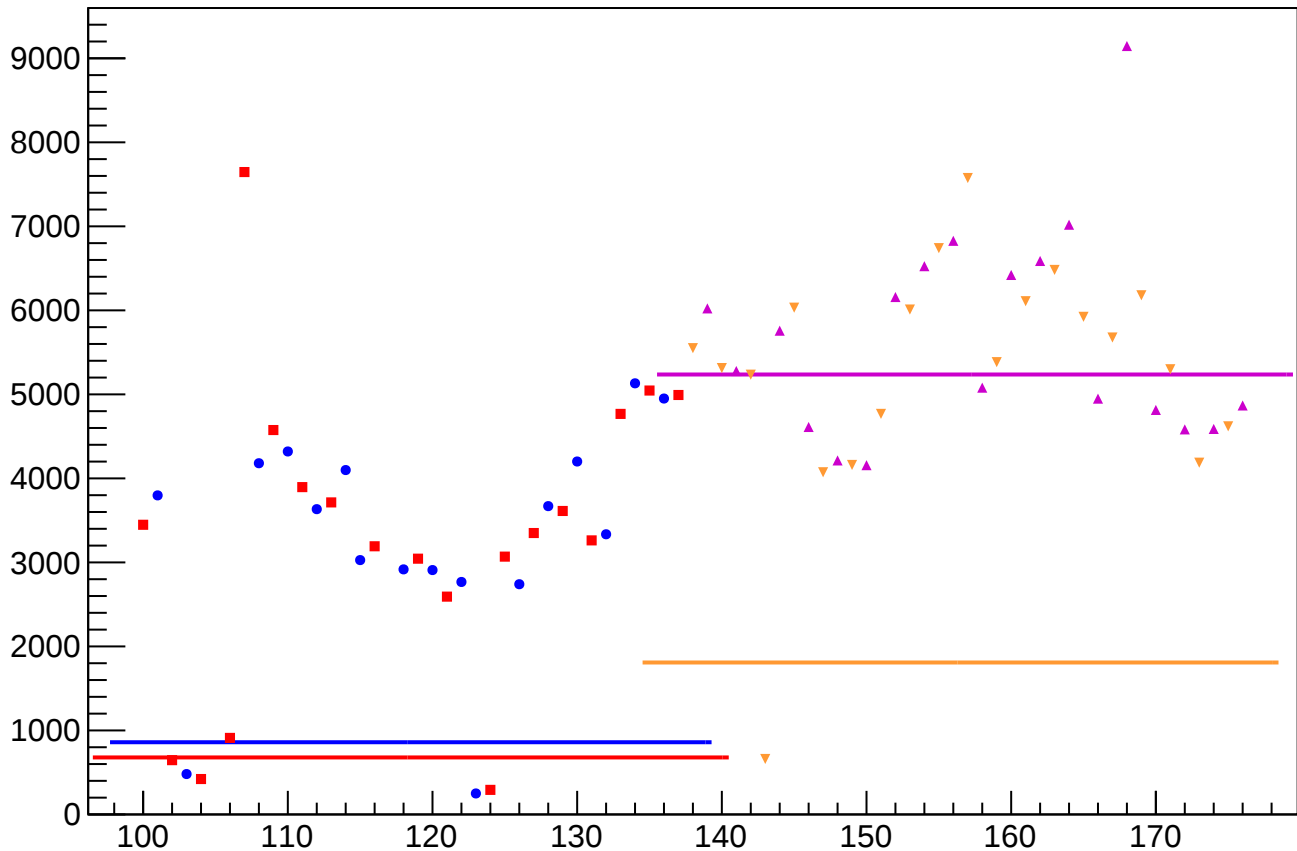
Left In: -409.910+/-1391.021 χ^2/NDF : 12.6/18

+ sign -298.362+/-428.904 χ^2/NDF : 48.9/36

All: -246.031+/-297.839 χ^2/NDF : 82.4/74

- sign -197.294+/-413.913 χ^2/NDF : 33.4/37

asym_atl_avg_correction_rms vs Slug



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

Left Out: 1808.735 $\pm$ 0.499 χ^2 /NDF:16636461.6/19

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

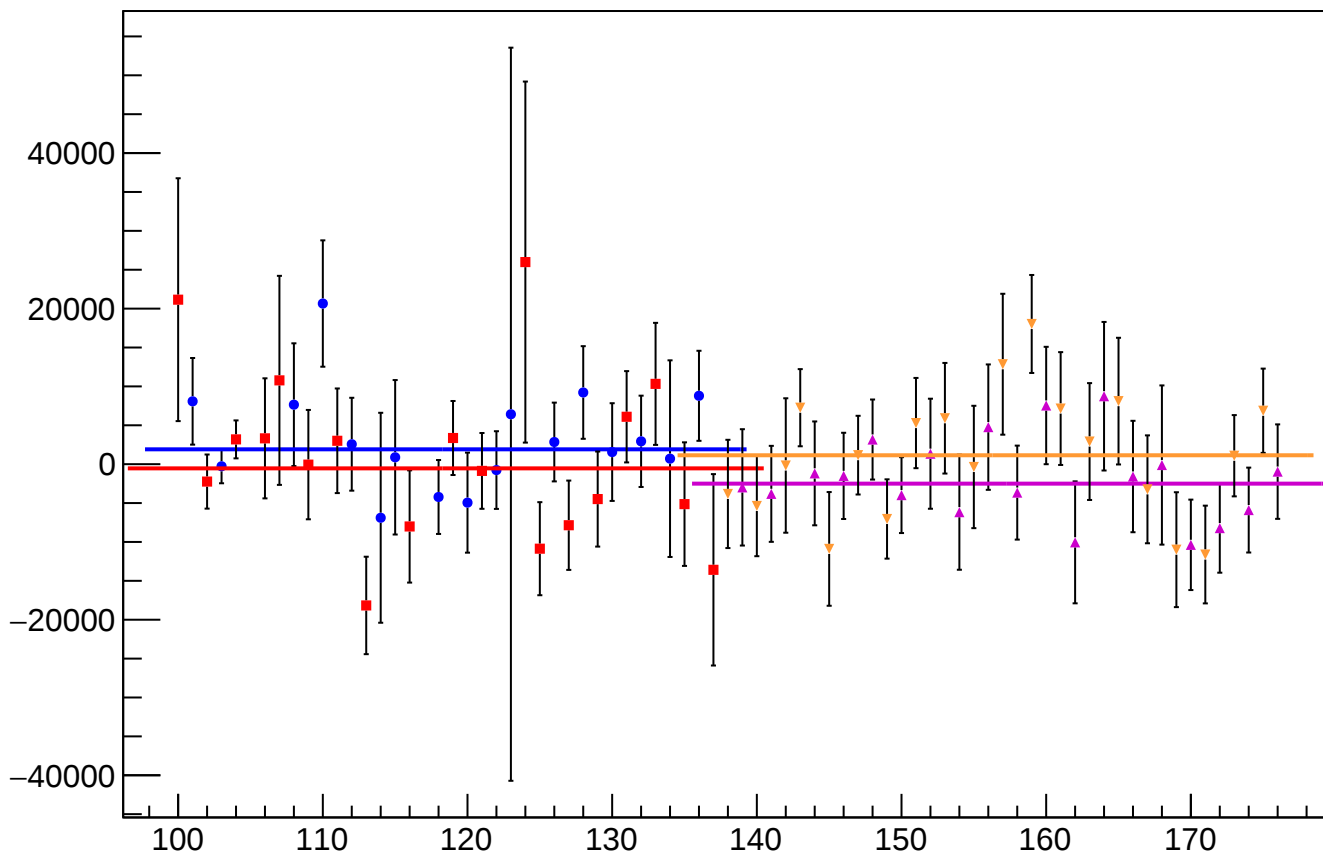
Left In: 5236.544 $\pm$ 0.984 χ^2 /NDF:1050201.0/18

+ sign 1210.787 $\pm$ 0.303 χ^2 /NDF: 27063034.3/36

All: 1144.193 $\pm$ 0.211 χ^2 /NDF: 56163227.4/7

- sign 1082.173 $\pm$ 0.293 χ^2 /NDF: 29007076.0/37

asym_atl_avg_mean vs Slug



Right In: 1909.348 $\pm$ 1310.219 χ^2 /NDF: 14.6/16

Left Out: 1144.878 $\pm$ 1436.134 χ^2 /NDF:28.0/19

Right Out: -539.549 $\pm$ 1285.817 χ^2 /NDF: 26.4/18

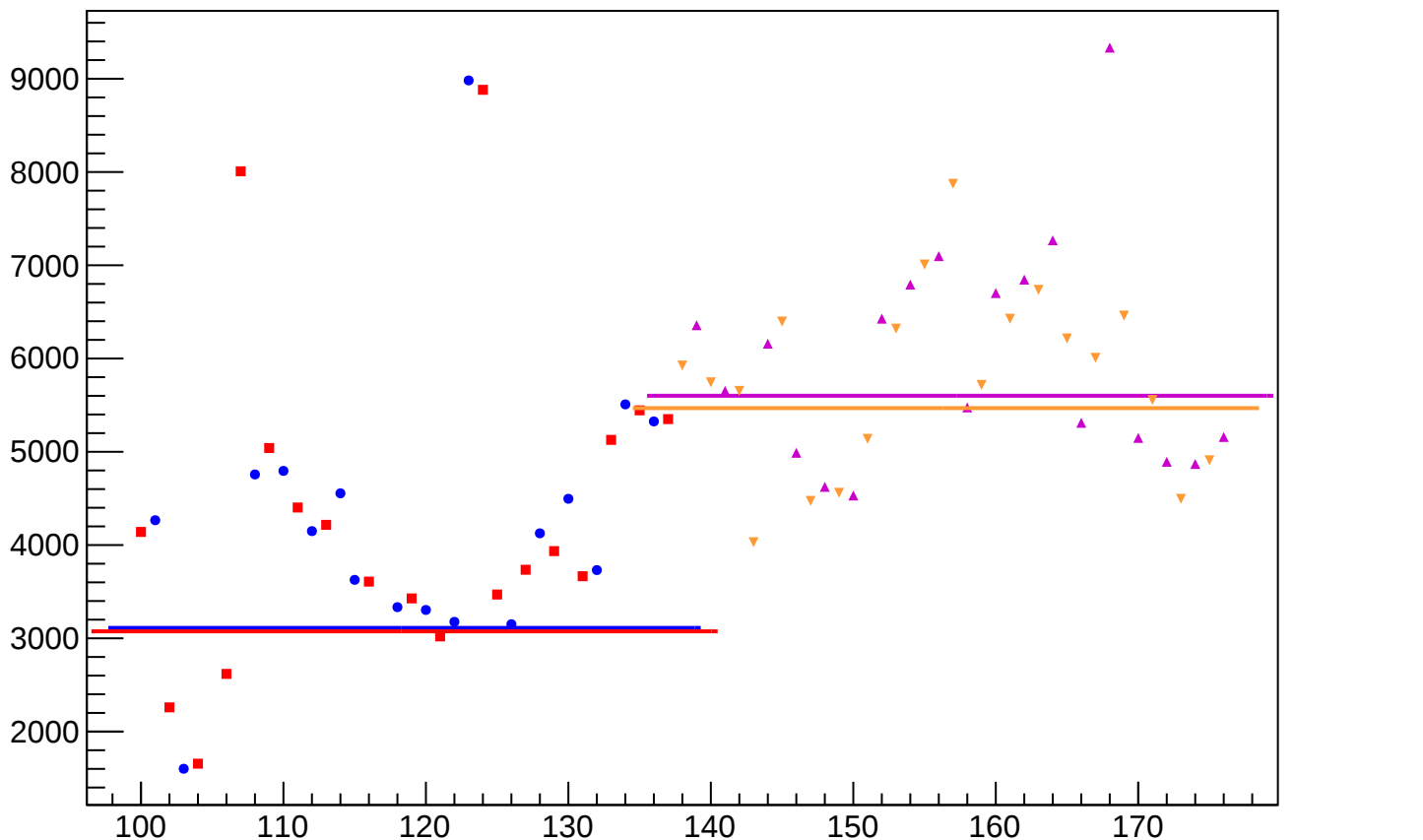
Left In: -2503.369 $\pm$ 1483.488 χ^2 /NDF:10.2/18

+ sign 1562.089 $\pm$ 967.925 χ^2 /NDF: 42.8/36

All: 95.682 $\pm$ 685.735 χ^2 /NDF: 85.0/74

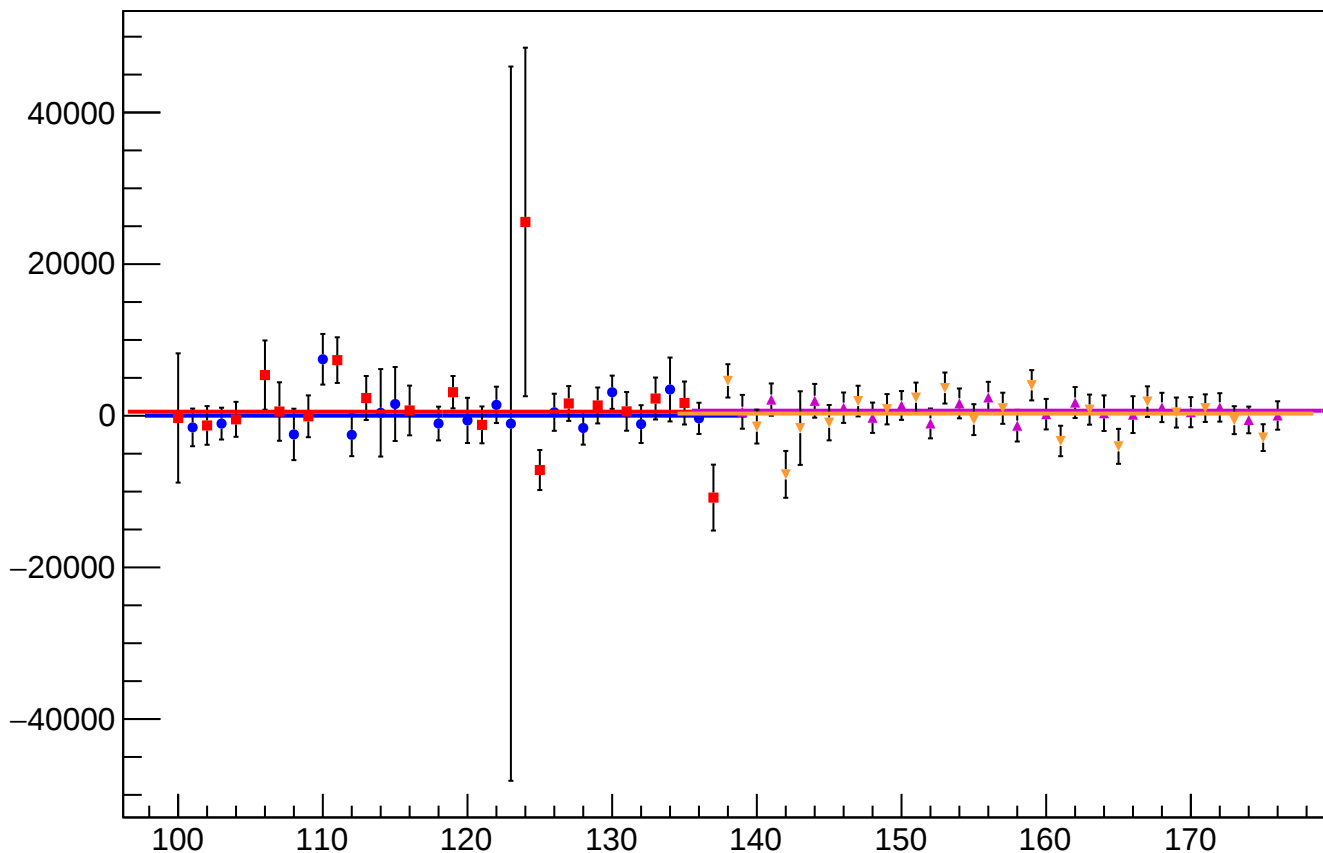
- sign -1381.994 $\pm$ 971.637 χ^2 /NDF: 37.6/37

asym_atl_avg_rms vs Slug



Right In: 3111.825+/-0.926	χ^2/NDF : 1879558.6/16	+ sign 4182.229+/-0.684	χ^2/NDF : 5676347.0/36
Left Out: 5468.269+/-1.016	χ^2/NDF : 858113.4/19	All: 4161.251+/-0.483	χ^2/NDF : 11925280.0/7
Right Out: 3074.771+/-0.896	χ^2/NDF : 2005627.6/18	- sign 4140.462+/-0.681	χ^2/NDF : 6247062.6/37
Left In: 5600.956+/-1.049	χ^2/NDF : 888487.6/18		

reg_asym_atl_dd_mean vs Slug



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

Left Out: 288.142+/-468.078 χ^2/NDF : 31.0/19

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

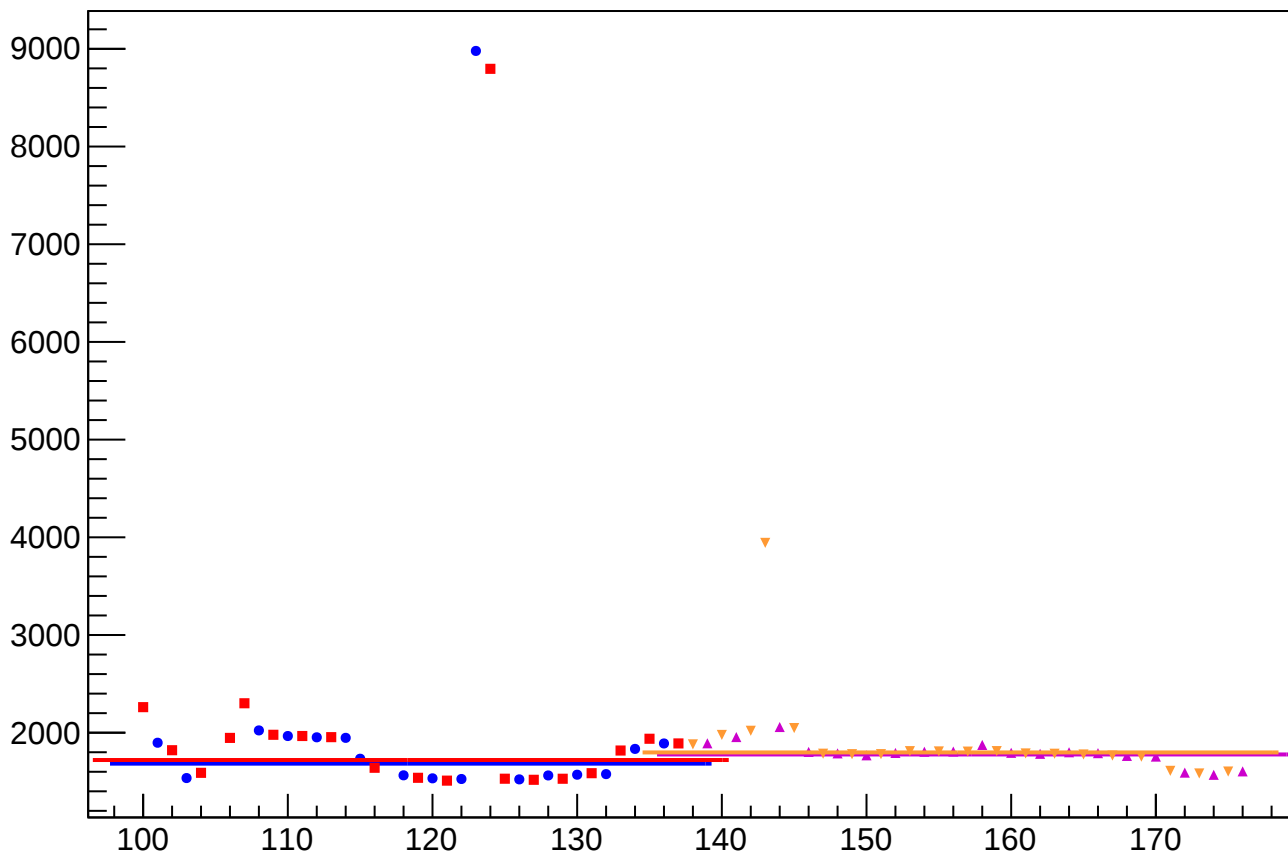
Left In: 669.711+/-464.643 χ^2/NDF : 4.9/18

+ sign 196.642+/-382.018 χ^2/NDF : 42.2/36

All: 412.369+/-269.465 χ^2/NDF : 74.4/74

- sign 625.992+/-380.152 χ^2/NDF : 31.6/37

reg_asym_atl_dd_rms vs Slug



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

Left Out: 1798.007+/-0.331 χ^2/NDF : 515143.8/19

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

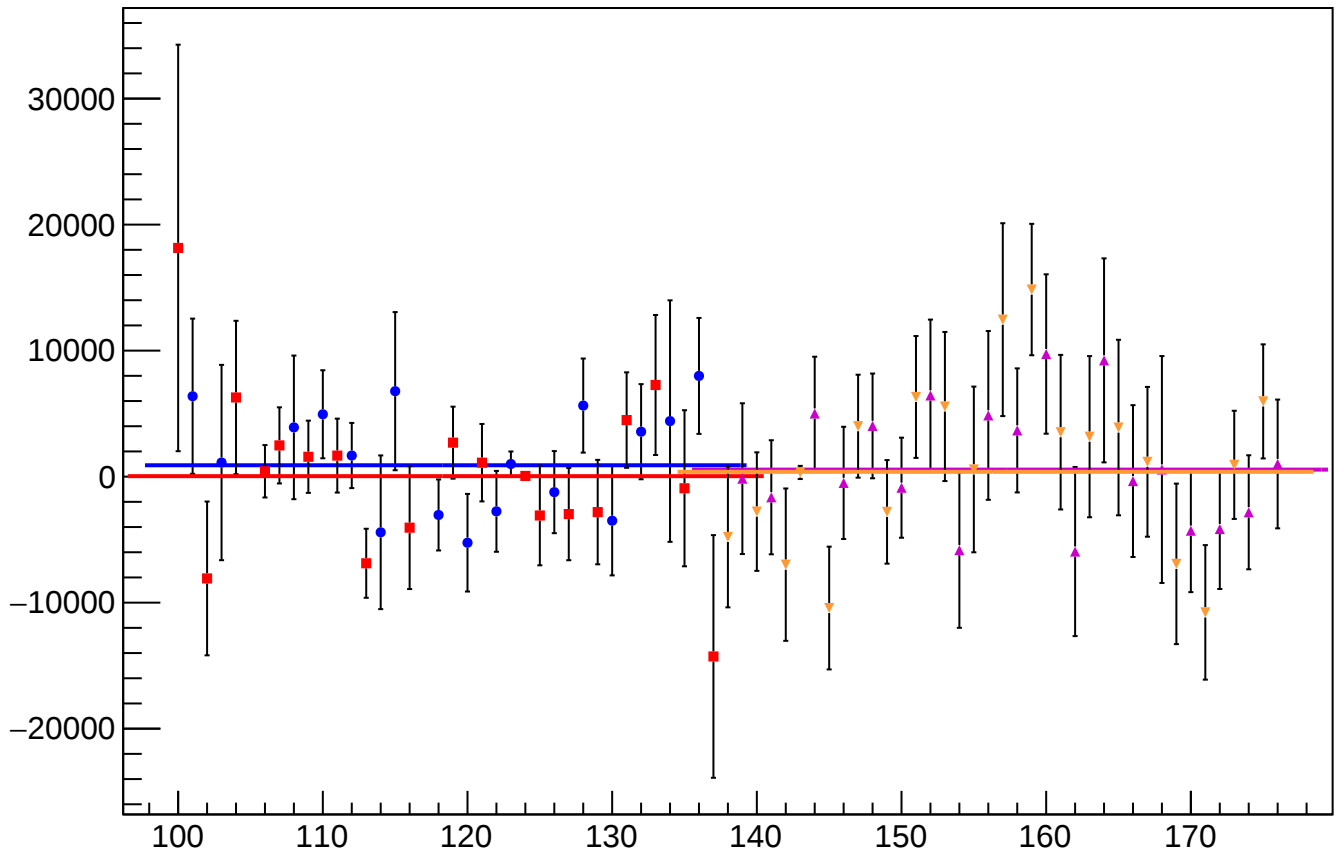
Left In: 1777.205+/-0.329 χ^2/NDF : 122394.4/18

+ sign 1759.691+/-0.270 χ^2/NDF : 751172.2/36

All: 1758.995+/-0.190 χ^2/NDF : 1279627.3/74

- sign 1758.308+/-0.268 χ^2/NDF : 528441.9/37

asym_atl_dd_correction_mean vs Slug



Right In: 903.344 $\pm$ 705.564 χ^2 /NDF: 16.0/16

Left Out: 383.544 $\pm$ 479.998 χ^2 /NDF: 29.5/19

Right Out: 38.143 $\pm$ 357.176 χ^2 /NDF: 20.5/18

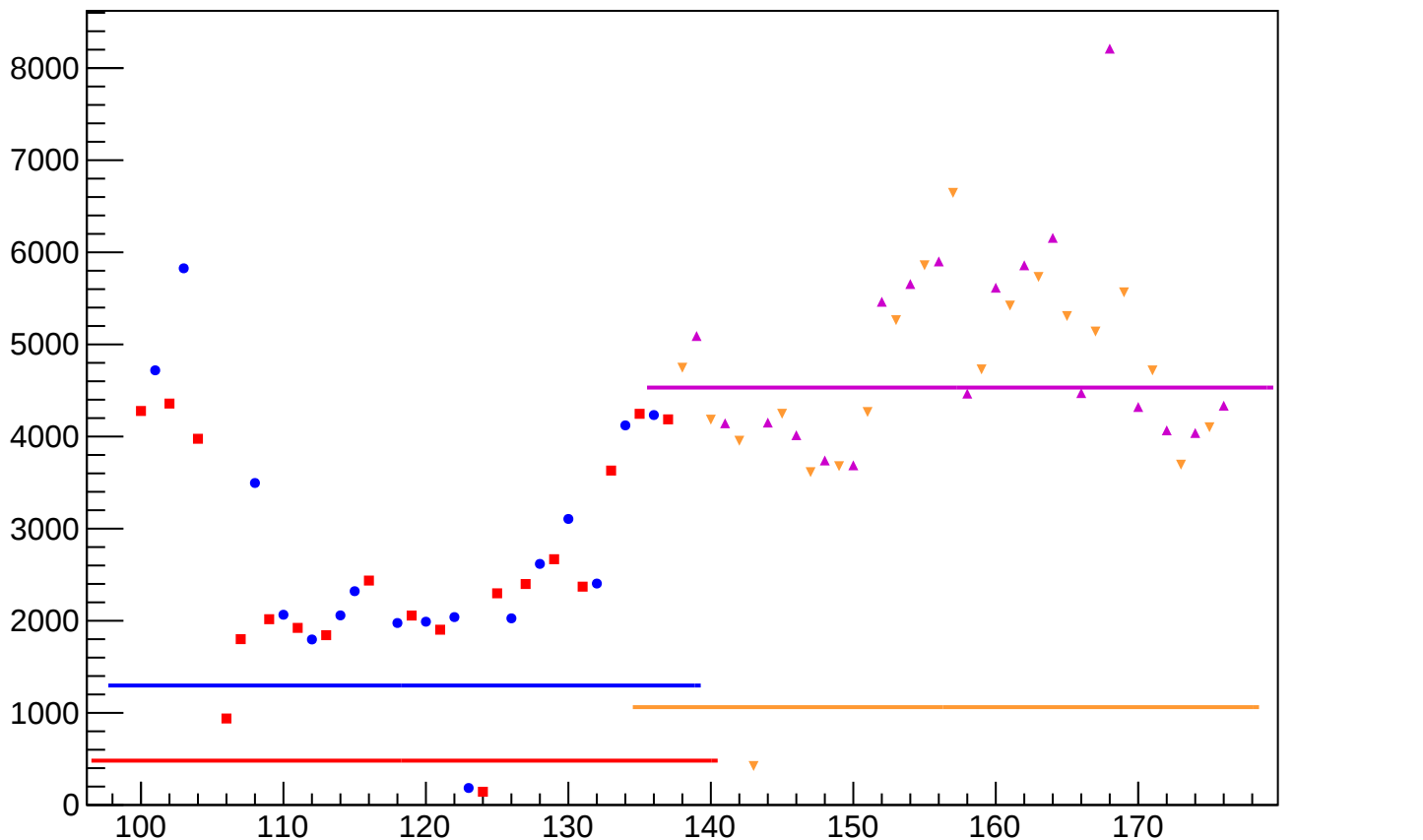
Left In: 557.455 $\pm$ 1203.066 χ^2 /NDF: 11.7/18

+ sign 548.001 $\pm$ 396.867 χ^2 /NDF: 45.9/36

All: 279.829 $\pm$ 259.251 χ^2 /NDF: 79.1/74

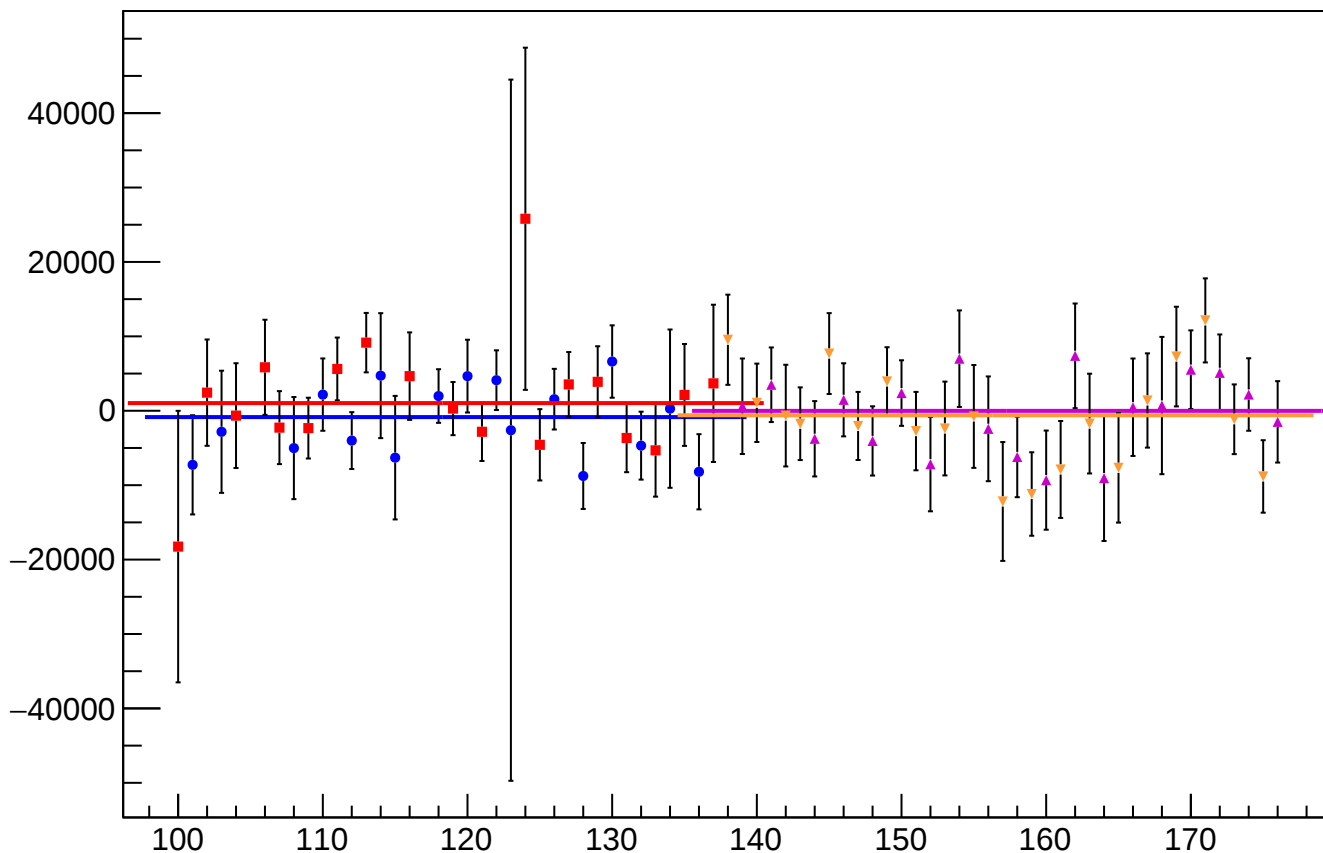
- sign 80.209 $\pm$ 342.405 χ^2 /NDF: 32.4/37

asym_atl_dd_correction_rms vs Slug



Right In: 1297.005+/-0.499	χ^2/NDF : 6509608.5/16	+ sign 1136.596+/-0.281	χ^2/NDF : 26663837.3/36
Left Out: 1062.357+/-0.339	χ^2/NDF : 20003012.1/19	All: 949.163+/-0.183	χ^2/NDF : 59452005.8/74
Right Out: 481.577+/-0.253	χ^2/NDF : 10144170.1/18	- sign 809.643+/-0.242	χ^2/NDF : 32010000.4/37
Left In: 4531.620+/-0.851	χ^2/NDF : 1036056.0/18		

asym_atl_dd_mean vs Slug



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

Left Out: -606.482+/-1274.448 χ^2/NDF : 23.9/19

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

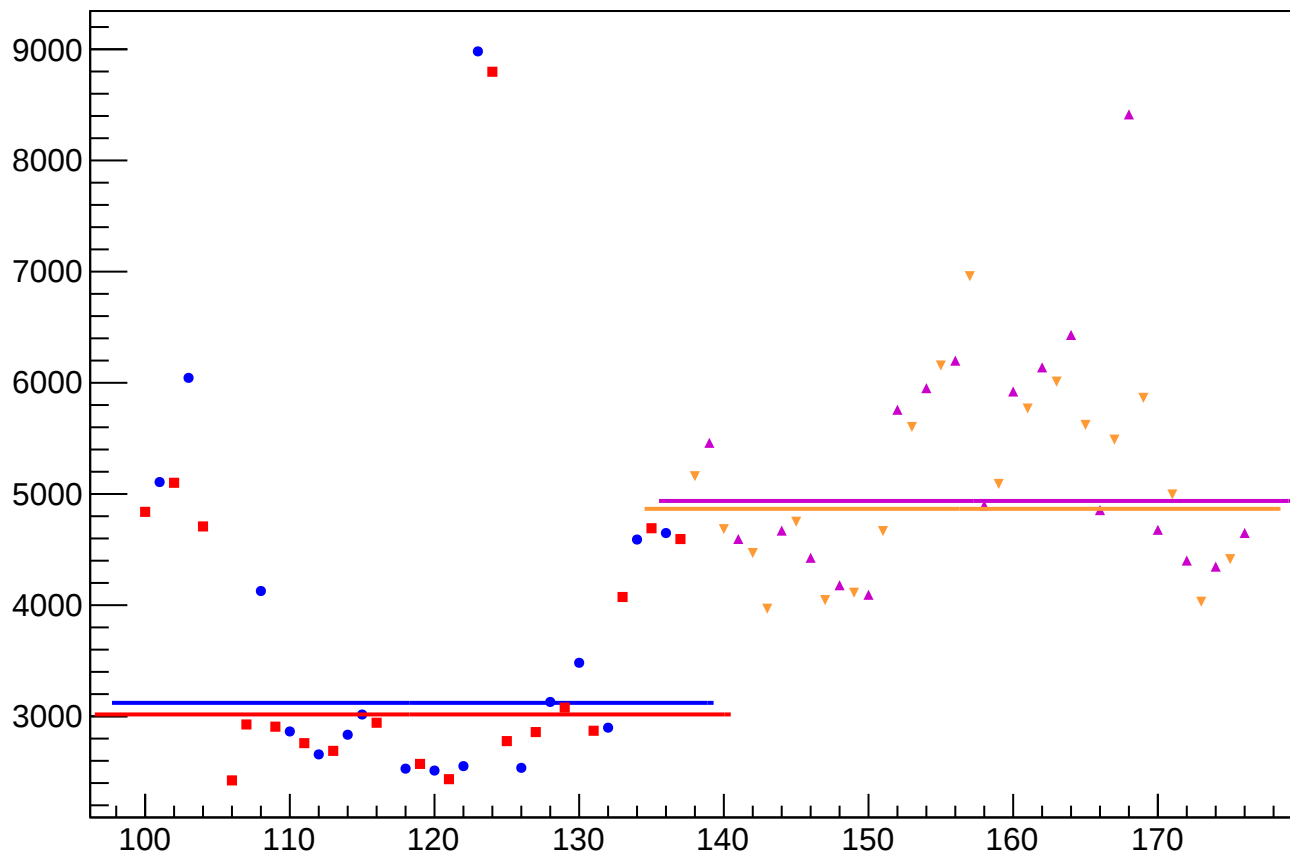
Left In: -11.617+/-1306.157 χ^2/NDF : 12.6/18

+ sign -729.213+/-896.387 χ^2/NDF : 39.4/36

All: -73.188+/-627.949 χ^2/NDF : 68.4/74

- sign 558.998+/-879.950 χ^2/NDF : 28.0/37

asym_atl_dd_rms vs Slug



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

Left Out: 4866.481+/-0.901 χ^2 /NDF:704192.0/19

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

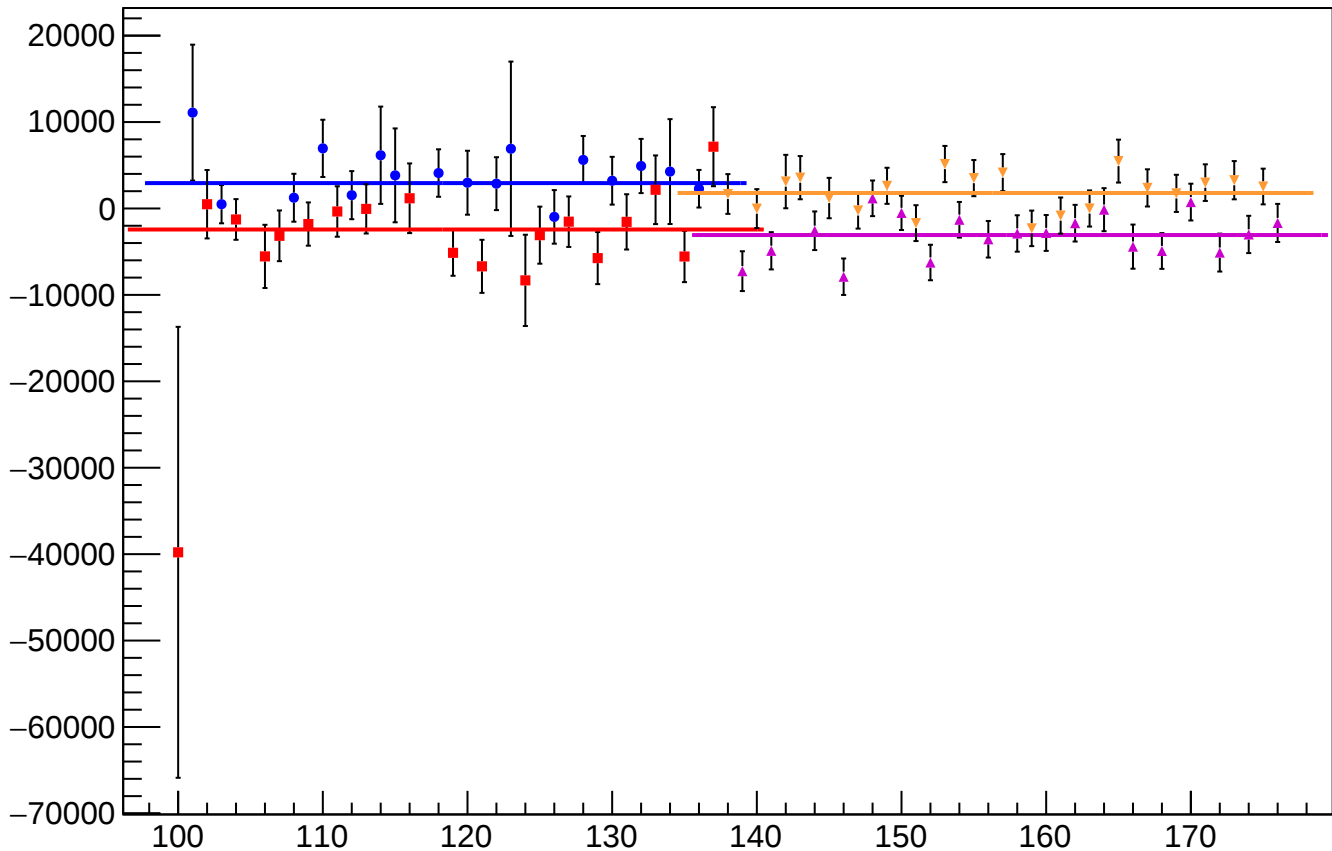
Left In: 4937.469+/-0.924 χ^2 /NDF:833429.2/18

+ sign 3984.707+/-0.634 χ^2 /NDF: 3544660.9/36

All: 3929.405+/-0.442 χ^2 /NDF: 7572534.5/74

- sign 3876.841+/-0.618 χ^2 /NDF: 4013025.6/37

reg_asym_atr_avg_mean vs Slug



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

Left Out: 1793.782 ± 491.147 χ^2/NDF : 19.2/19

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

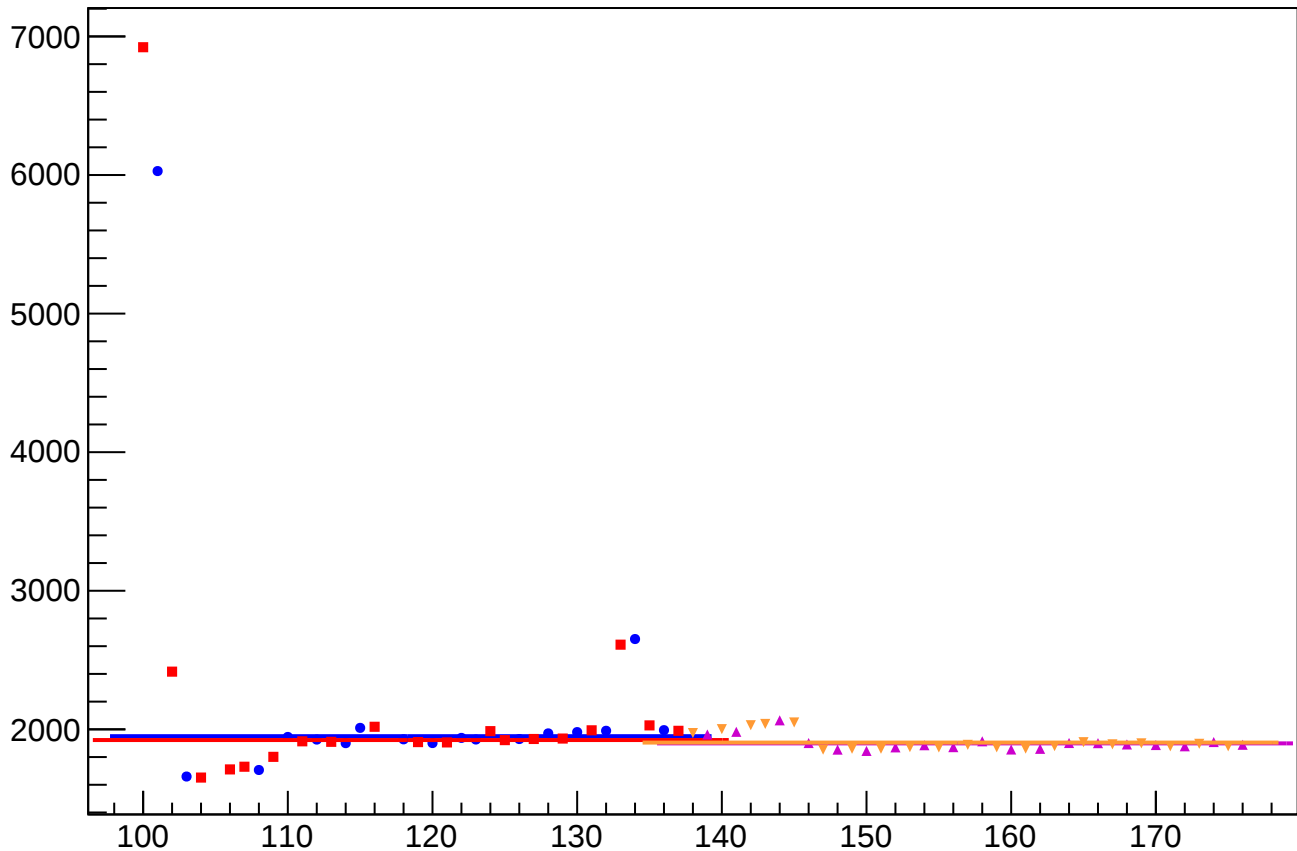
Left In: -3073.569 ± 494.448 χ^2/NDF : 25.8/18

+ sign 2120.805 ± 414.910 χ^2/NDF : 28.9/36

All: -400.060 ± 292.062 χ^2/NDF : 146.5/74

- sign -2875.933 ± 411.191 χ^2/NDF : 44.4/37

reg_asym_atr_avg_rms vs Slug



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

Left Out: 1904.523+/-0.347 χ^2/NDF : 28980.5/19

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

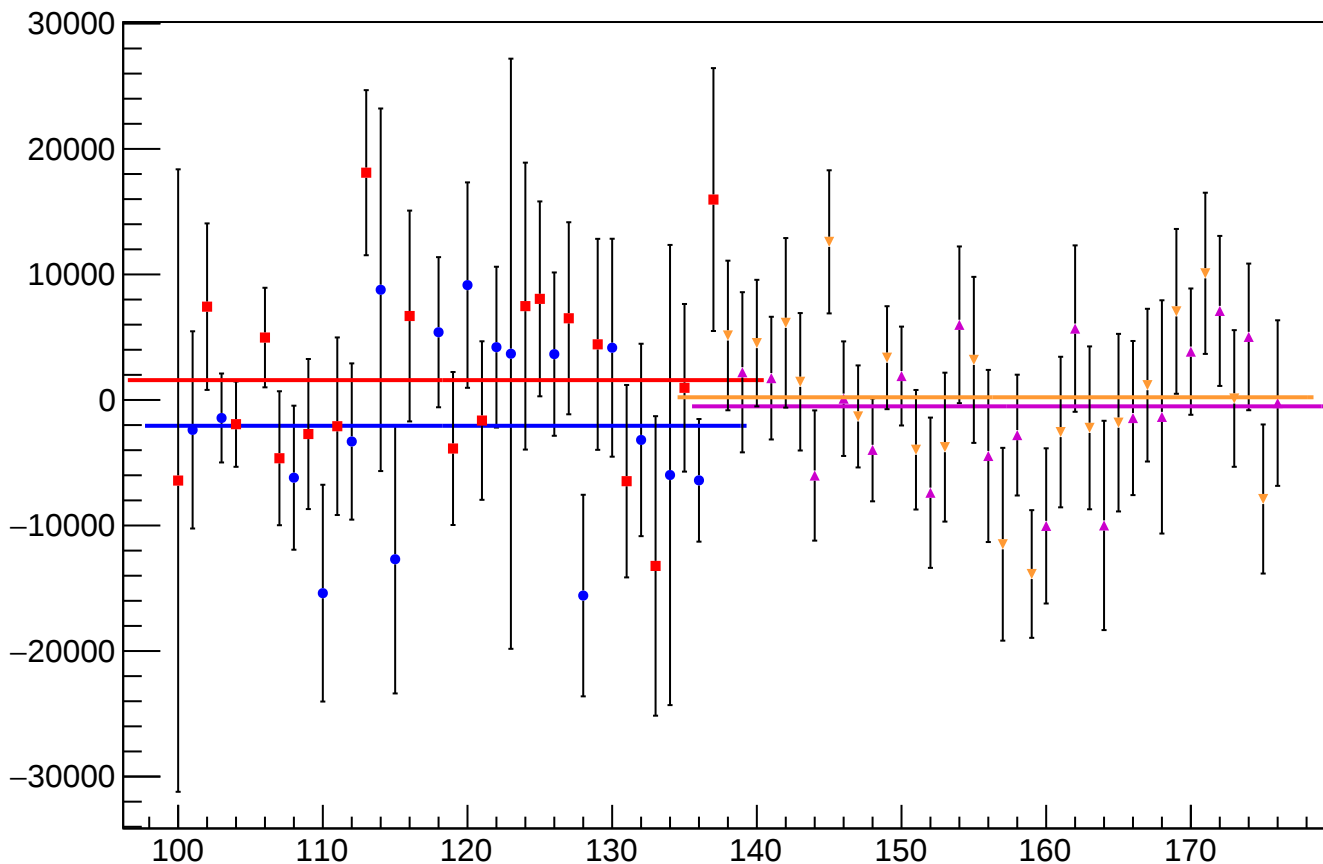
Left In: 1898.695+/-0.350 χ^2/NDF : 20944.0/18

+ sign 1917.721+/-0.293 χ^2/NDF : 651356.4/36

All: 1911.874+/-0.206 χ^2/NDF : 891952.2/74

- sign 1906.139+/-0.291 χ^2/NDF : 239808.9/37

asym_atr_avg_correction_mean vs Slug



Right In: -2056.876 $\pm$ 1661.079 χ^2/NDF : 14.0/16

Left Out: 214.792 $\pm$ 1257.169 χ^2/NDF : 24.9/19

Right Out: 1580.717 $\pm$ 1477.405 χ^2/NDF : 18.6/18

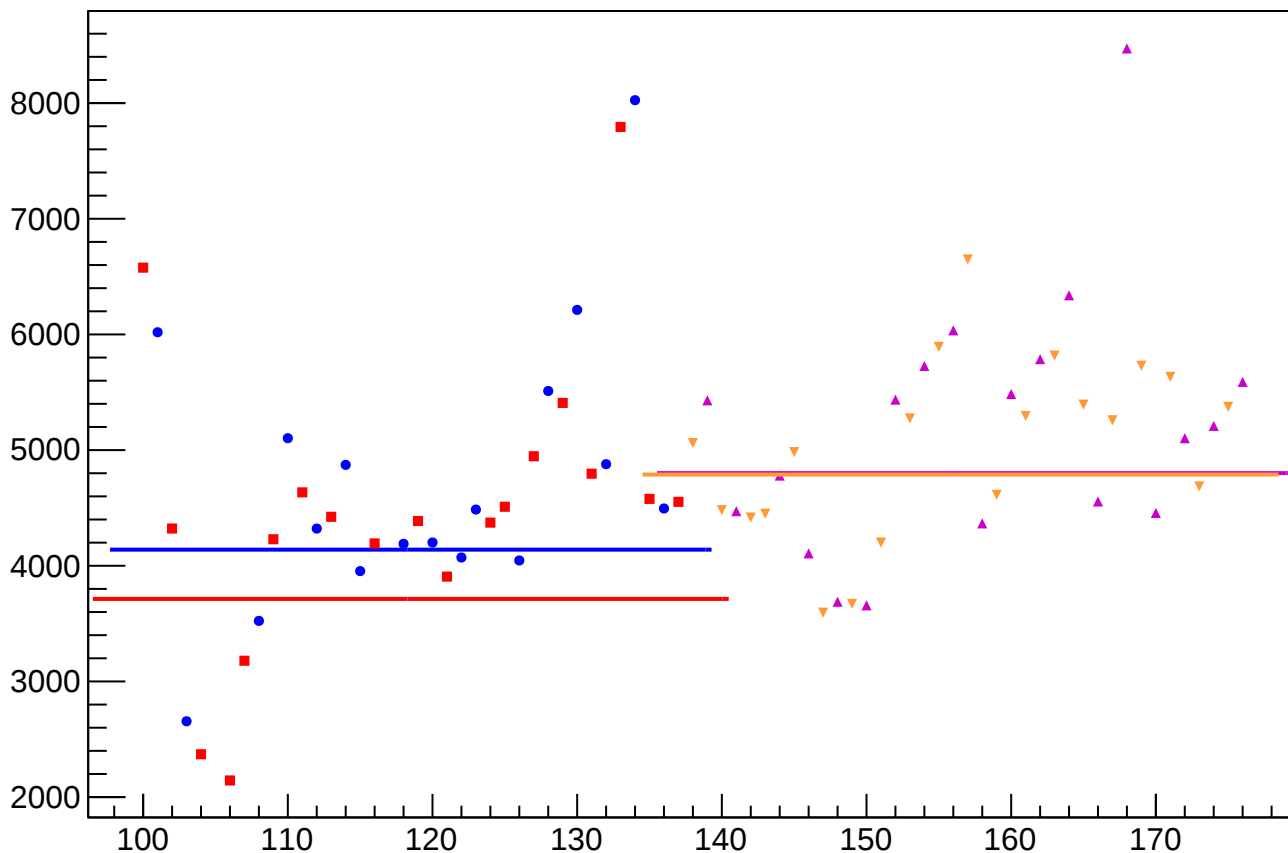
Left In: -507.502 $\pm$ 1275.287 χ^2/NDF : 13.4/18

+ sign -612.534 $\pm$ 1002.435 χ^2/NDF : 40.0/36

All: -95.455 $\pm$ 695.357 χ^2/NDF : 73.7/74

- sign 384.101 $\pm$ 965.378 χ^2/NDF : 33.2/37

asym_atr_avg_correction_rms vs Slug



Right In: 4139.394+/-1.175 χ^2/NDF : 813550.8/16

Left Out: 4788.558+/-0.889 χ^2/NDF : 755059.4/19

Right Out: 3713.526+/-1.045 χ^2/NDF : 1275828.5/18

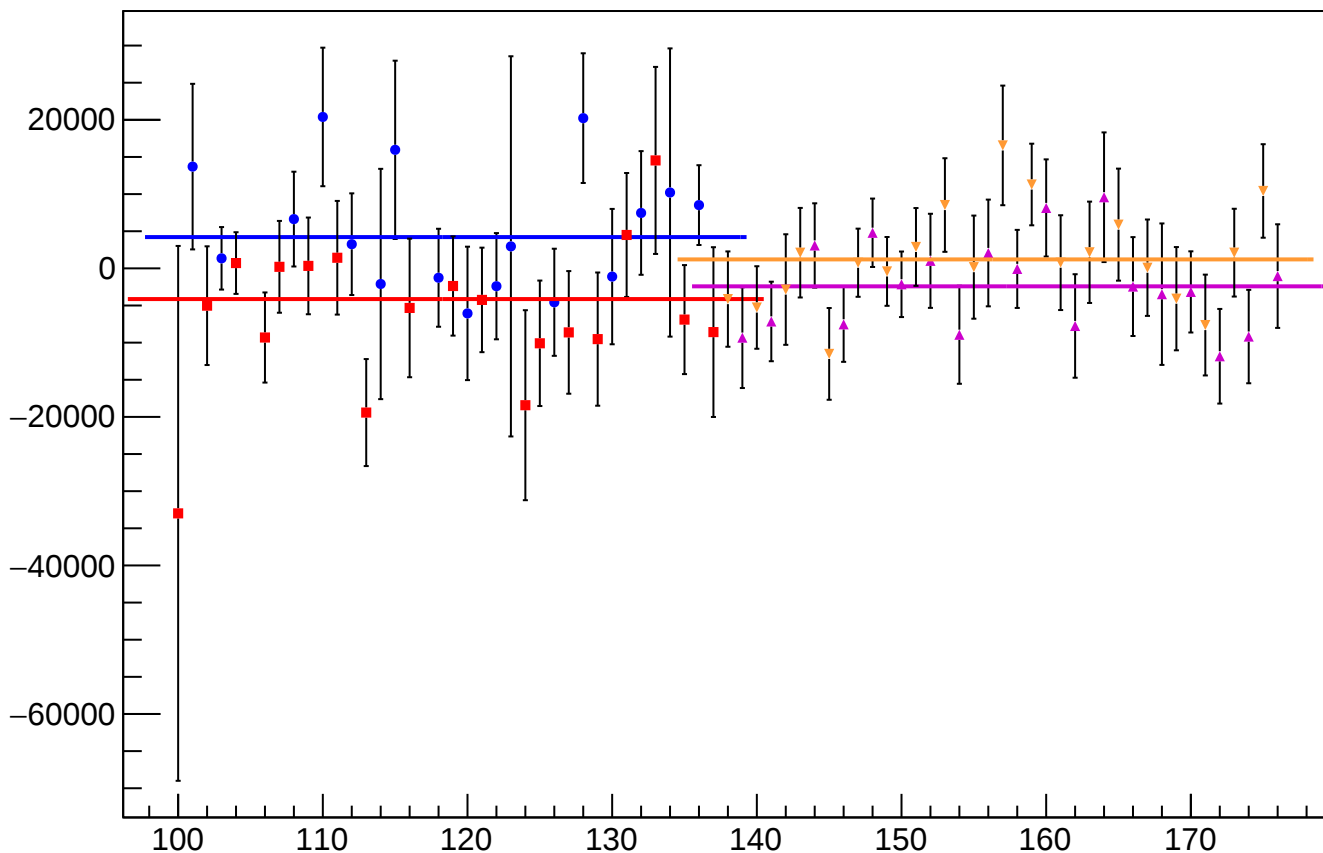
Left In: 4801.174+/-0.902 χ^2/NDF : 1043139.6/18

+ sign 4552.137+/-0.709 χ^2/NDF : 1762825.8/36

All: 4440.406+/-0.492 χ^2/NDF : 4750819.3/74

- sign 4336.783+/-0.683 χ^2/NDF : 2940103.3/37

asym_atr_avg_mean vs Slug



Right In: 4211.844+/-1871.304 χ^2/NDF : 14.4/16

Left Out: 1206.419+/-1364.561 χ^2/NDF :20.1/19

Right Out: -4133.660+/-1725.341 χ^2/NDF : 14.8/18

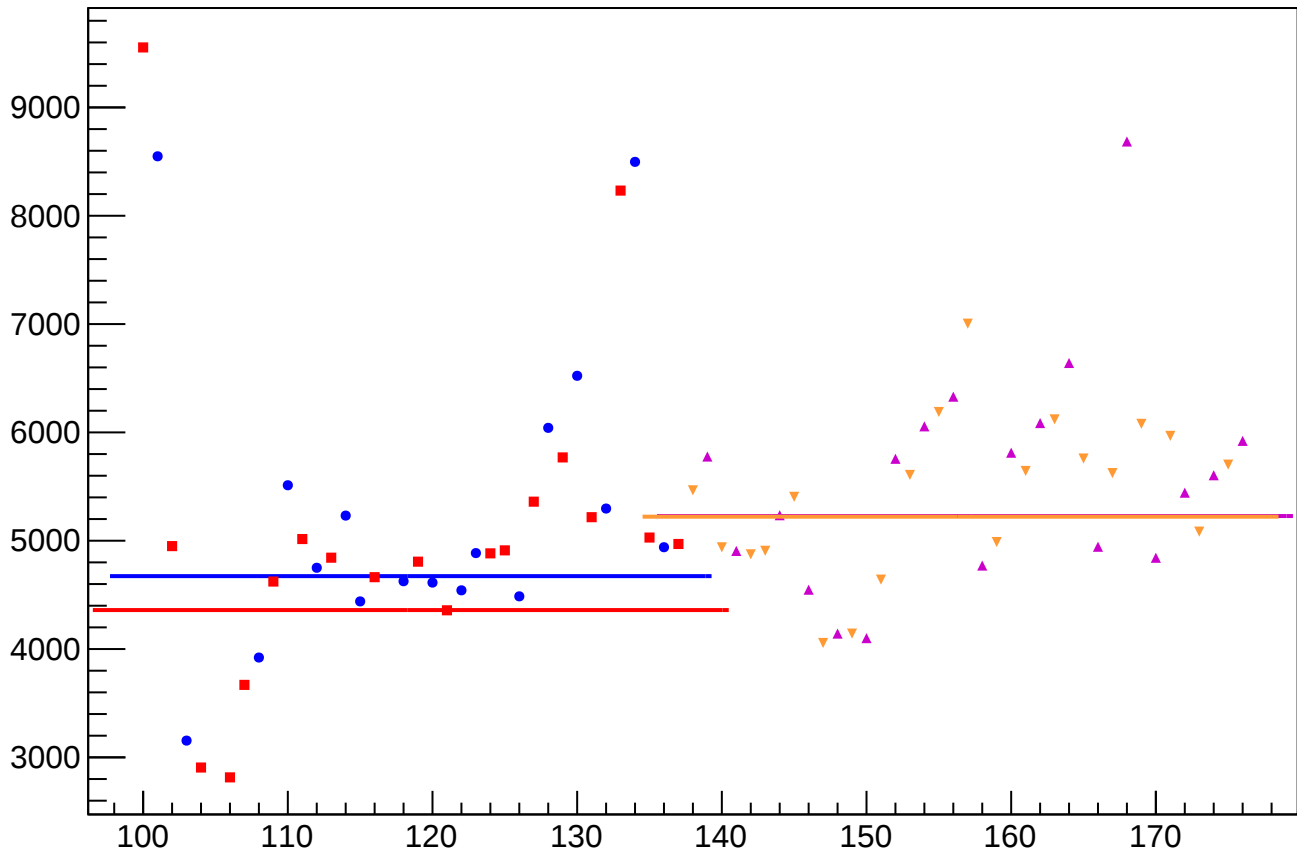
Left In: -2419.599+/-1382.246 χ^2/NDF :16.6/18

+ sign 2249.741+/-1102.556 χ^2/NDF : 36.2/36

All: -478.226+/-771.071 χ^2/NDF : 80.2/74

- sign -3089.667+/-1078.751 χ^2/NDF : 32.0/37

asym_atr_avg_rms vs Slug



Right In: 4673.046 $\pm$ 1.323 χ^2 /NDF: 777321.1/16

Left Out: 5221.993 $\pm$ 0.965 χ^2 /NDF: 558196.7/19

Right Out: 4359.833 $\pm$ 1.213 χ^2 /NDF: 832191.0/18

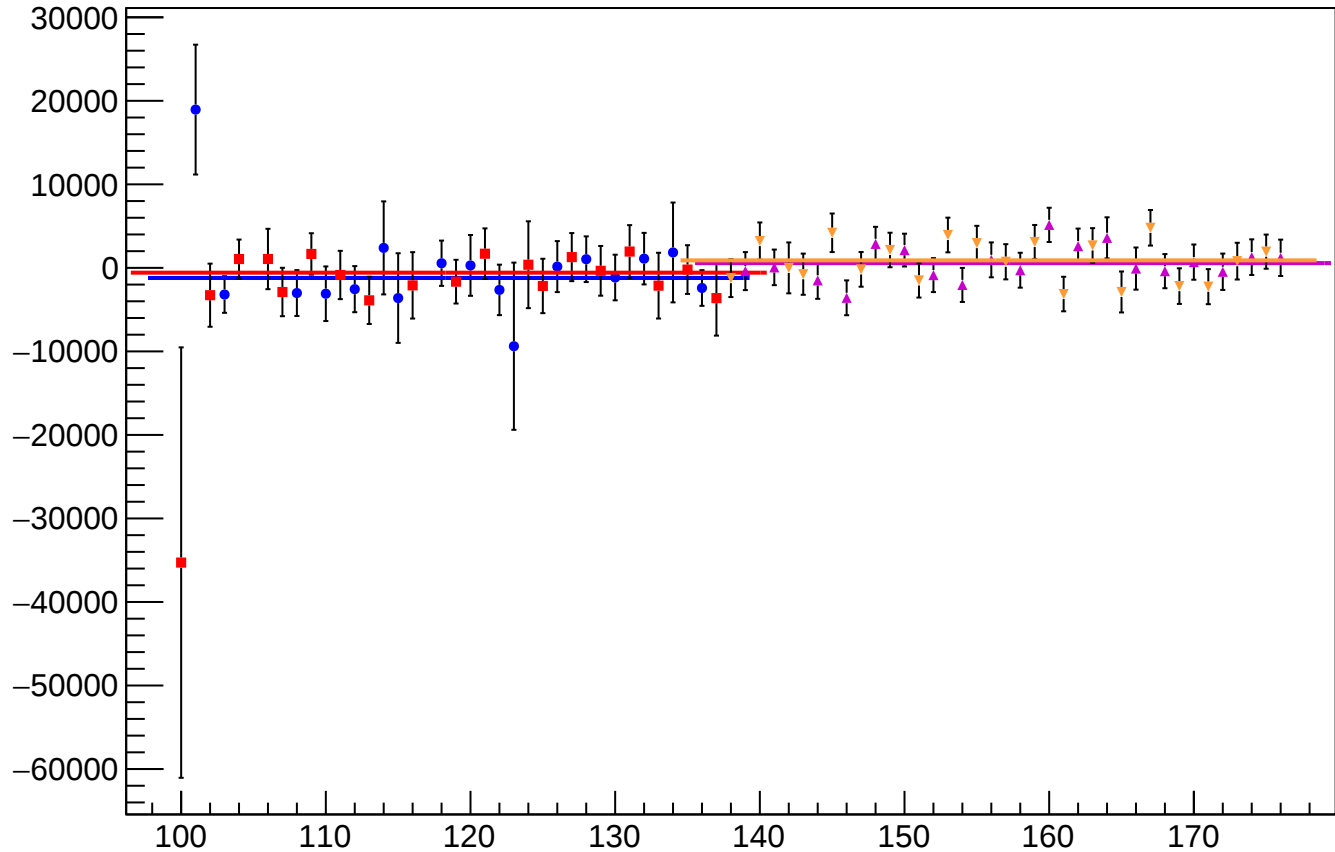
Left In: 5227.876 $\pm$ 0.977 χ^2 /NDF: 810898.5/18

+ sign 5031.428 $\pm$ 0.780 χ^2 /NDF: 1447879.6/36

All: 4957.034 $\pm$ 0.545 χ^2 /NDF: 3419272.8/74

- sign 4886.140 $\pm$ 0.761 χ^2 /NDF: 1953610.4/37

reg_asym_atr_dd_mean vs Slug



Right In: -1211.176 ± 765.294 χ^2/NDF : 12.7/16

Left Out: 898.584 ± 485.668 χ^2/NDF : 25.7/19

Right Out: -573.457 ± 730.668 χ^2/NDF : 8.7/18

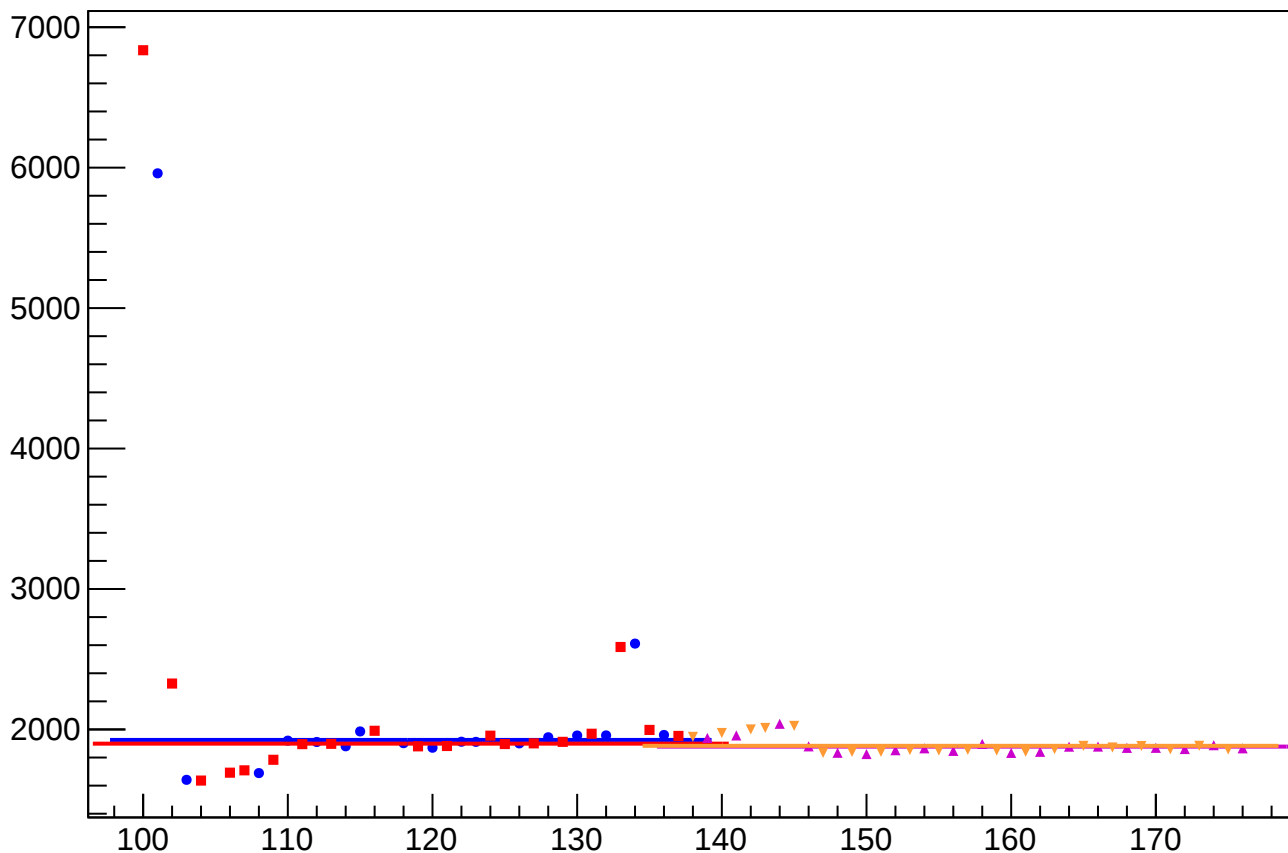
Left In: 573.564 ± 489.014 χ^2/NDF : 17.5/18

+ sign 292.855 ± 410.064 χ^2/NDF : 43.8/36

All: 255.458 ± 288.653 χ^2/NDF : 71.7/74

- sign 218.727 ± 406.395 χ^2/NDF : 27.9/37

reg_asym_atr_dd_rms vs Slug



Right In: 1925.320+/-0.541 χ^2/NDF : 615863.6/16

Left Out: 1883.355+/-0.343 χ^2/NDF : 27271.5/19

Right Out: 1898.854+/-0.515 χ^2/NDF : 210875.1/18

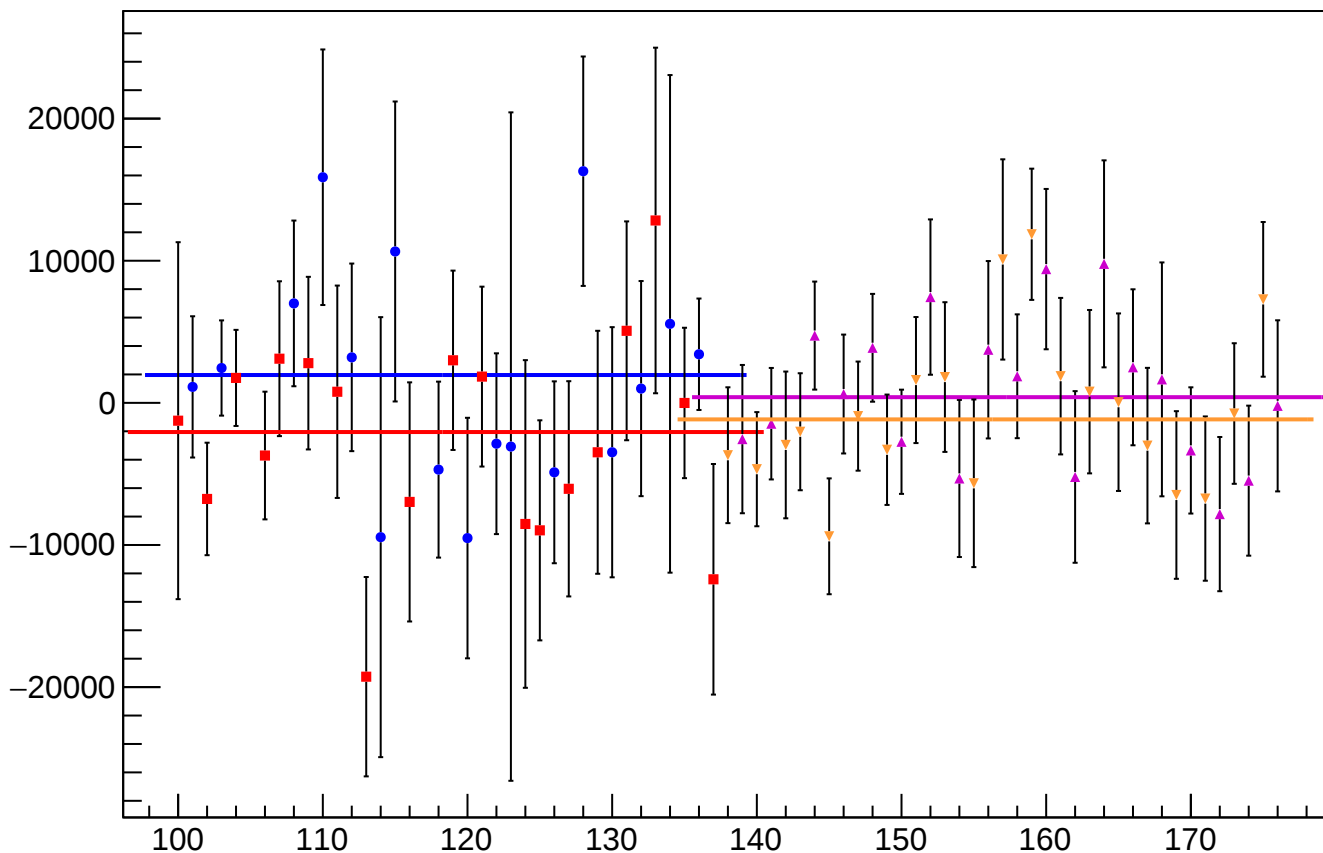
Left In: 1877.842+/-0.346 χ^2/NDF : 20330.5/18

+ sign 1895.404+/-0.290 χ^2/NDF : 647422.3/36

All: 1889.830+/-0.204 χ^2/NDF : 880505.8/74

- sign 1884.363+/-0.287 χ^2/NDF : 232351.5/37

asym_atr_dd_correction_mean vs Slug



Right In: 1959.060 $\pm$ 1556.840 χ^2 /NDF: 12.9/16

Left Out: -1162.862 $\pm$ 1094.282 χ^2 /NDF:22.1/19

Right Out: -2052.842 $\pm$ 1413.641 χ^2 /NDF: 17.4/18

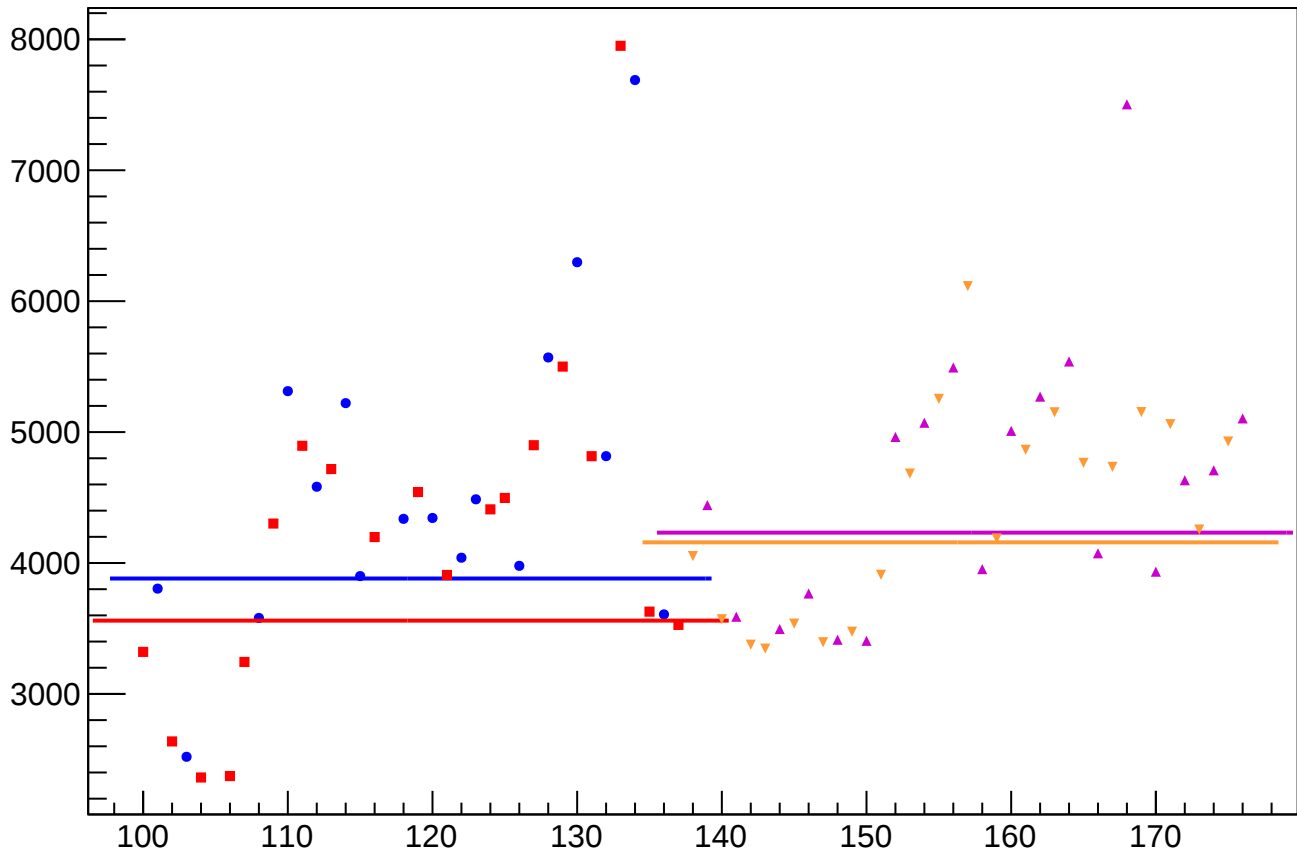
Left In: 400.380 $\pm$ 1124.728 χ^2 /NDF:16.1/18

+ sign -130.512 $\pm$ 895.255 χ^2 /NDF: 37.8/36

All: -344.122 $\pm$ 627.629 χ^2 /NDF: 73.2/74

- sign -550.580 $\pm$ 880.140 χ^2 /NDF: 35.3/37

asym_atr_dd_correction_rms vs Slug



Right In: 3881.577+/-1.101 χ^2/NDF : 817466.6/16

Left Out: 4157.746+/-0.774 χ^2/NDF : 884494.7/19

Right Out: 3560.054+/-1.000 χ^2/NDF : 1241523.0/18

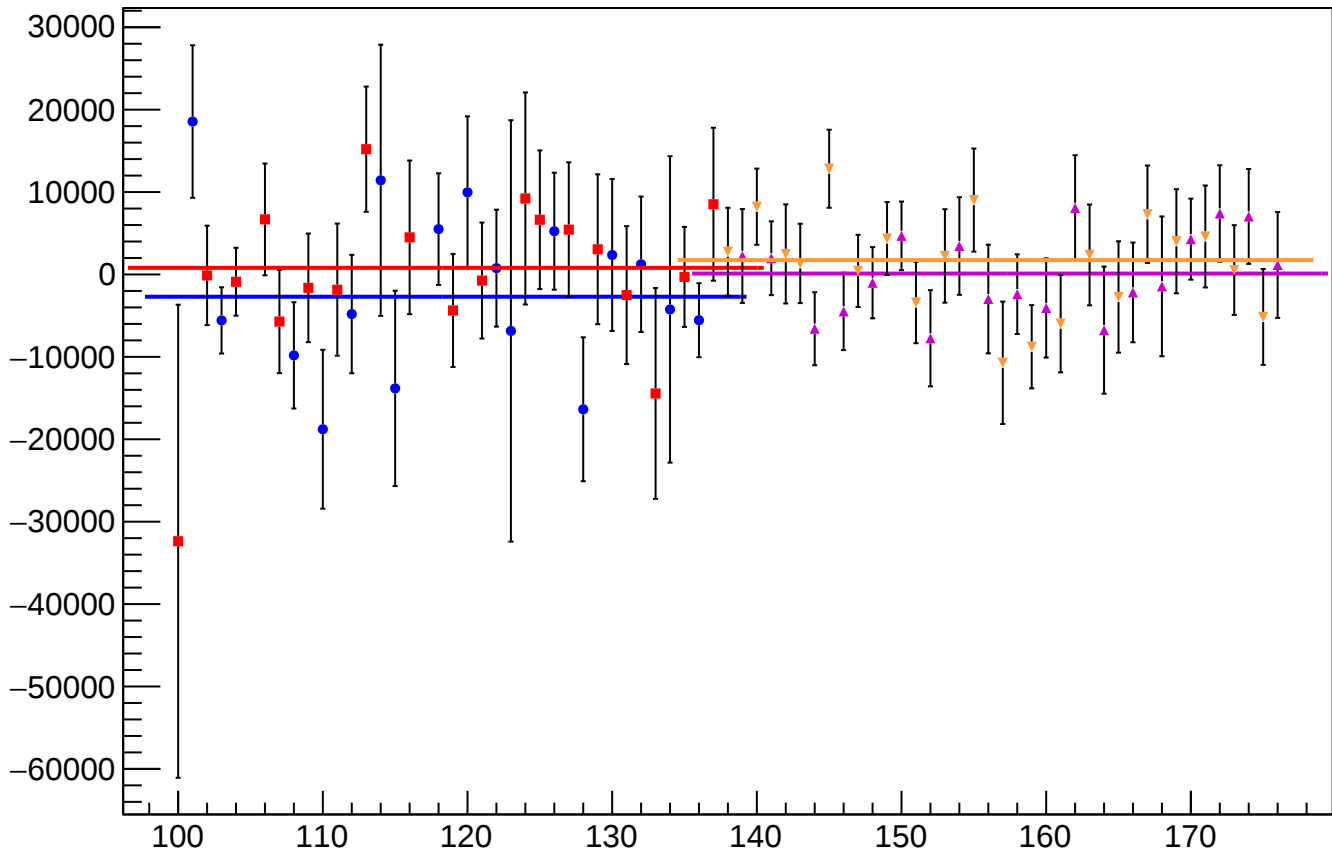
Left In: 4232.062+/-0.795 χ^2/NDF : 1080756.6/18

+ sign 4066.423+/-0.633 χ^2/NDF : 1744085.1/36

All: 4018.187+/-0.444 χ^2/NDF : 4354546.4/74

- sign 3971.567+/-0.622 χ^2/NDF : 2599043.7/37

asym_atr_dd_mean vs Slug



Right In: -2700.702 $\pm$ 1809.055 χ^2 /NDF: 19.8/16

Left Out: 1743.888 $\pm$ 1216.238 χ^2 /NDF: 22.4/19

Right Out: 805.951 $\pm$ 1690.353 χ^2 /NDF: 11.6/18

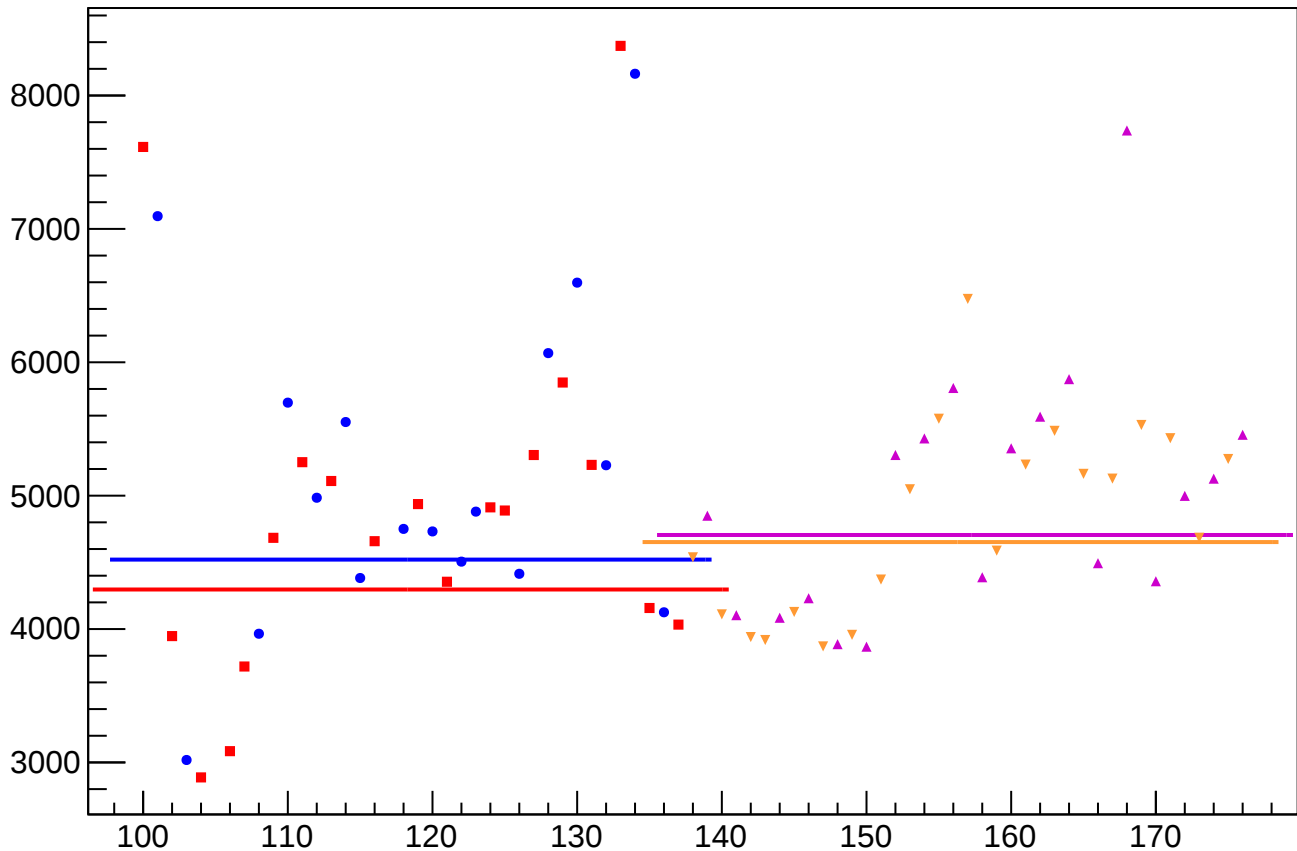
Left In: 111.389 $\pm$ 1243.201 χ^2 /NDF: 14.2/18

+ sign 360.321 $\pm$ 1009.337 χ^2 /NDF: 46.3/36

All: 357.743 $\pm$ 710.923 χ^2 /NDF: 72.2/74

- sign 355.204 $\pm$ 1001.503 χ^2 /NDF: 25.9/37

asym_atr_dd_rms vs Slug



Right In: 4520.685+/-1.279 χ^2/NDF : 770887.4/16

Left Out: 4652.156+/-0.860 χ^2/NDF : 595760.0/19

+ sign 4611.230+/-0.714 χ^2/NDF : 1373922.3/36

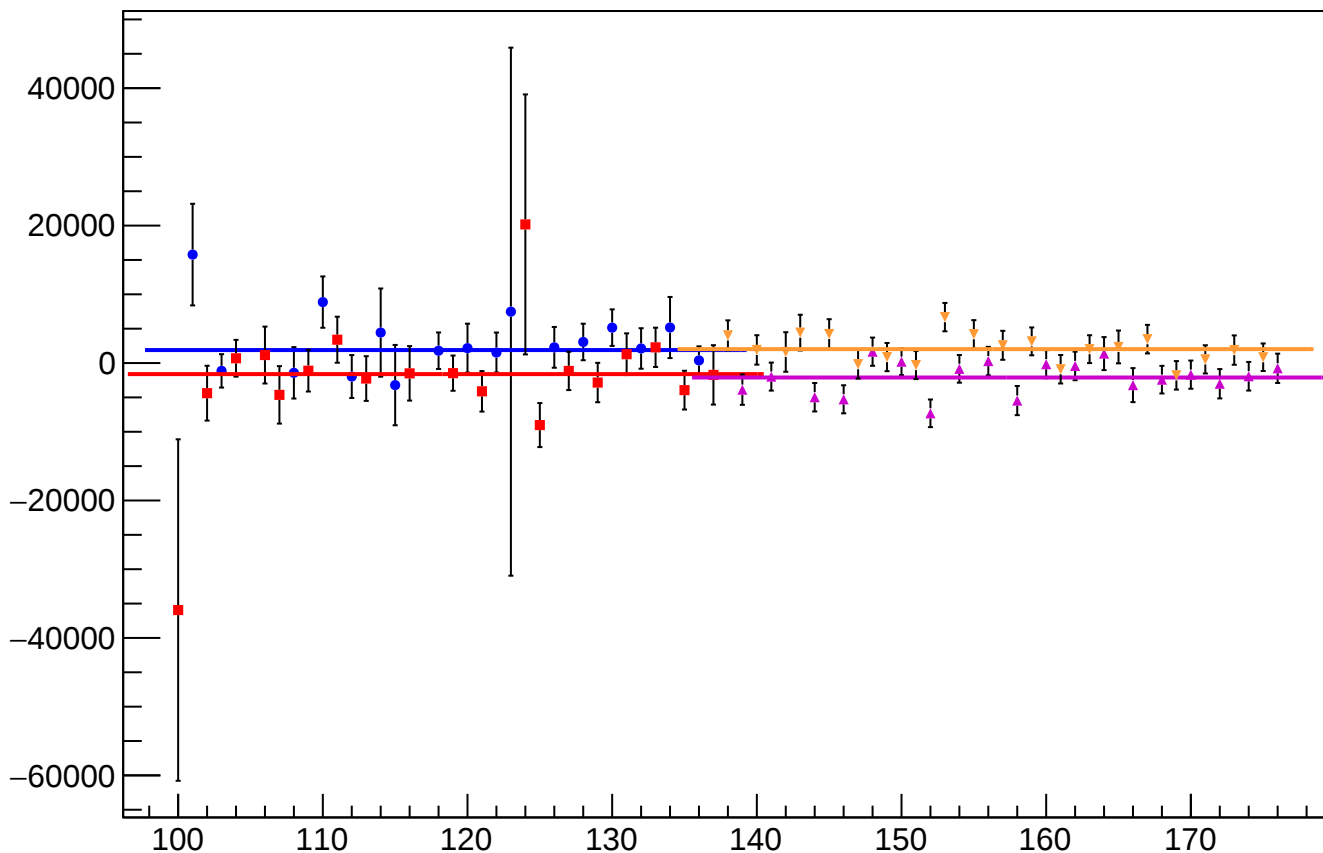
Right Out: 4296.527+/-1.189 χ^2/NDF : 771785.2/18

All: 4585.724+/-0.502 χ^2/NDF : 3008619.2/74

- sign 4560.711+/-0.707 χ^2/NDF : 1632167.3/37

Left In: 4705.211+/-0.879 χ^2/NDF : 783963.1/18

reg_asym_at1_avg_mean vs Slug



Right In: 1887.915 $\pm$ 783.827 χ^2 /NDF: 14.7/16

Left Out: 2024.026 $\pm$ 477.640 χ^2 /NDF:18.8/19

Right Out: -1610.310 $\pm$ 765.843 χ^2 /NDF: 17.5/18

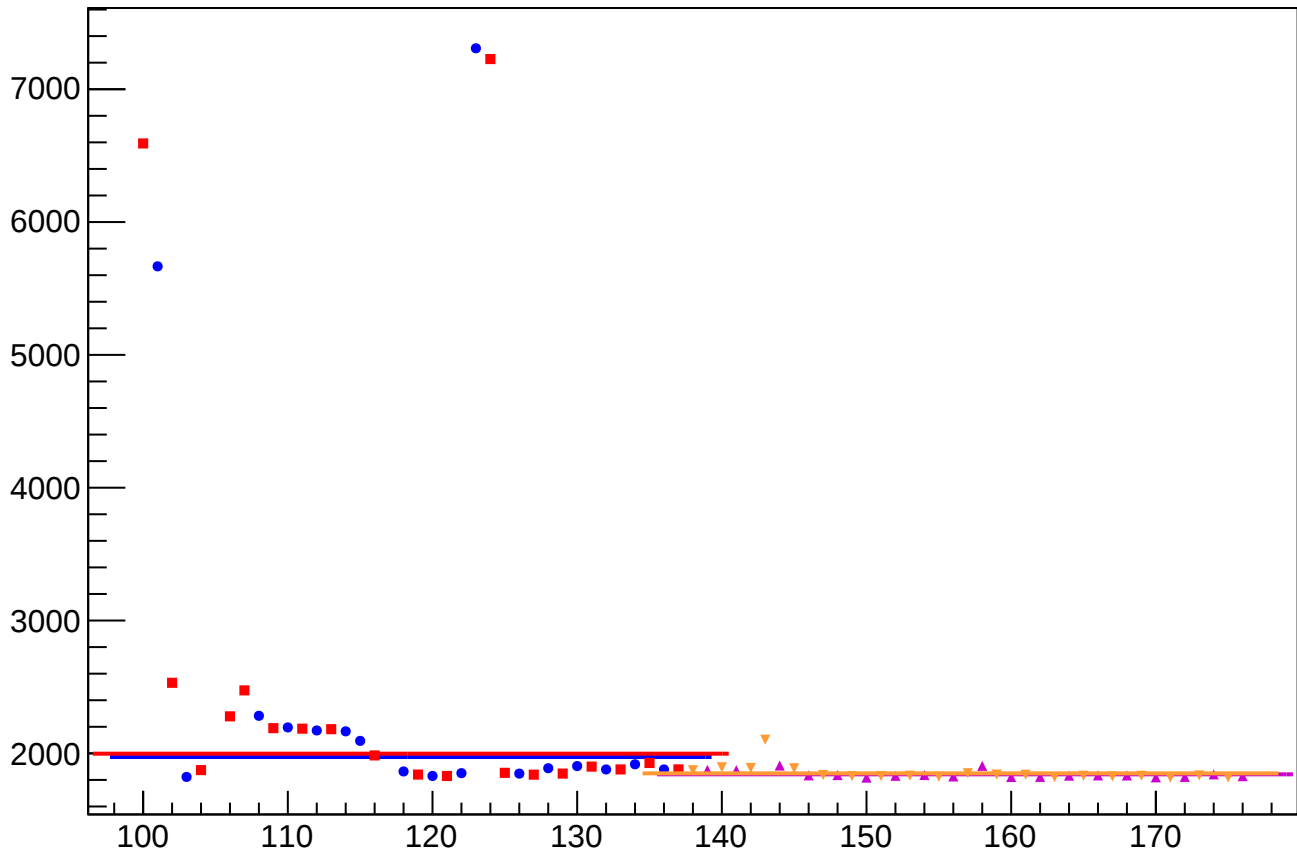
Left In: -2104.145 $\pm$ 480.583 χ^2 /NDF:25.2/18

+ sign 1987.169 $\pm$ 407.877 χ^2 /NDF: 33.5/36

All: 7.367 $\pm$ 288.128 χ^2 /NDF: 123.5/74

- sign -1964.622 $\pm$ 407.072 χ^2 /NDF: 42.9/37

reg_asym_at1_avg_rms vs Slug



Right In: 1972.484+/-0.554 χ^2/NDF : 600869.6/16

Left Out: 1849.445+/-0.338 χ^2/NDF : 24124.9/19

Right Out: 1997.647+/-0.542 χ^2/NDF : 355572.5/18

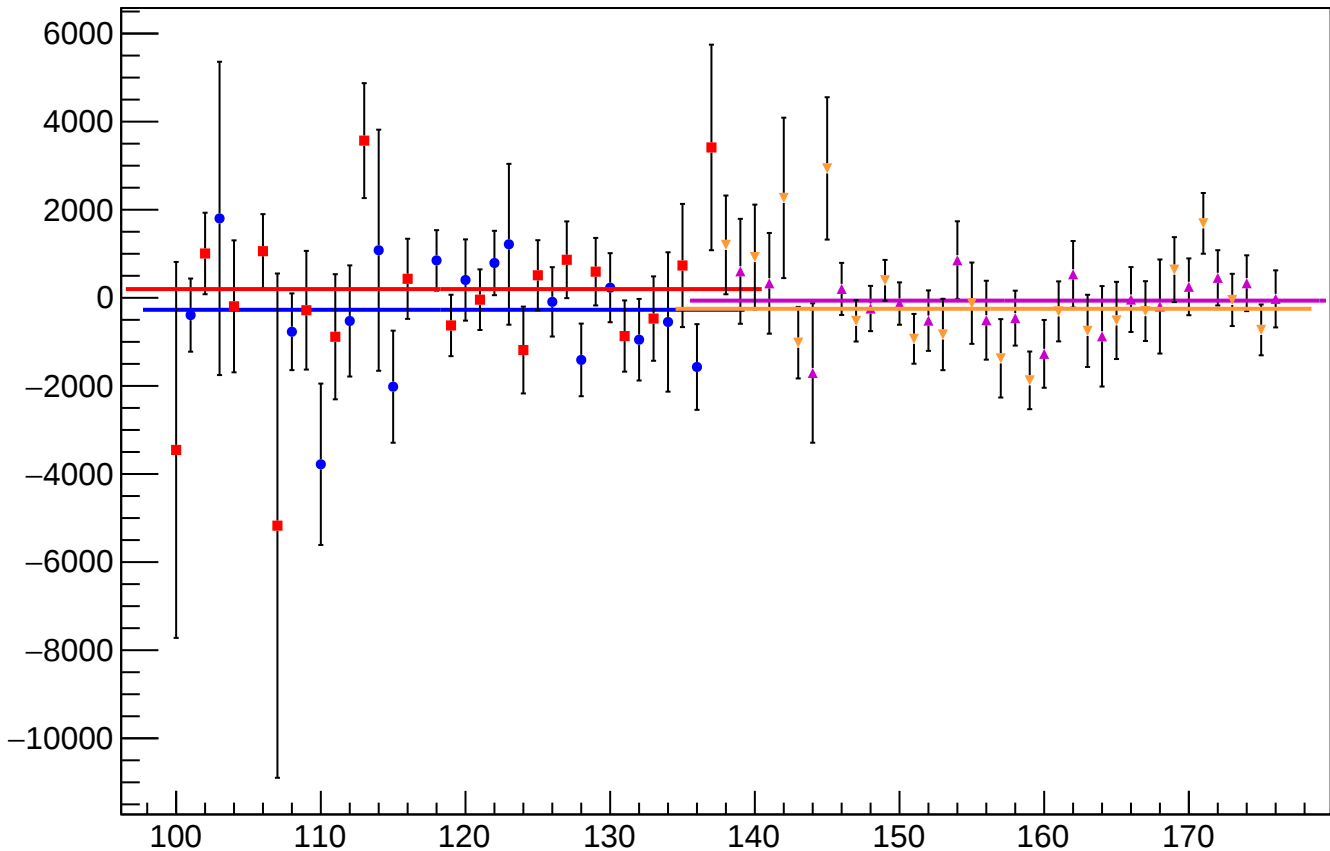
Left In: 1842.088+/-0.340 χ^2/NDF : 6283.2/18

+ sign 1882.761+/-0.288 χ^2/NDF : 660931.1/36

All: 1884.403+/-0.204 χ^2/NDF : 1082055.2/74

- sign 1886.038+/-0.288 χ^2/NDF : 421059.5/37

asym_at1_avg_correction_mean vs Slug



Right In: -271.773 $\pm$ 240.214 χ^2 /NDF: 17.2/16

Left Out: -248.688 $\pm$ 159.647 χ^2 /NDF: 32.0/19

Right Out: 198.424 $\pm$ 229.035 χ^2 /NDF: 19.7/18

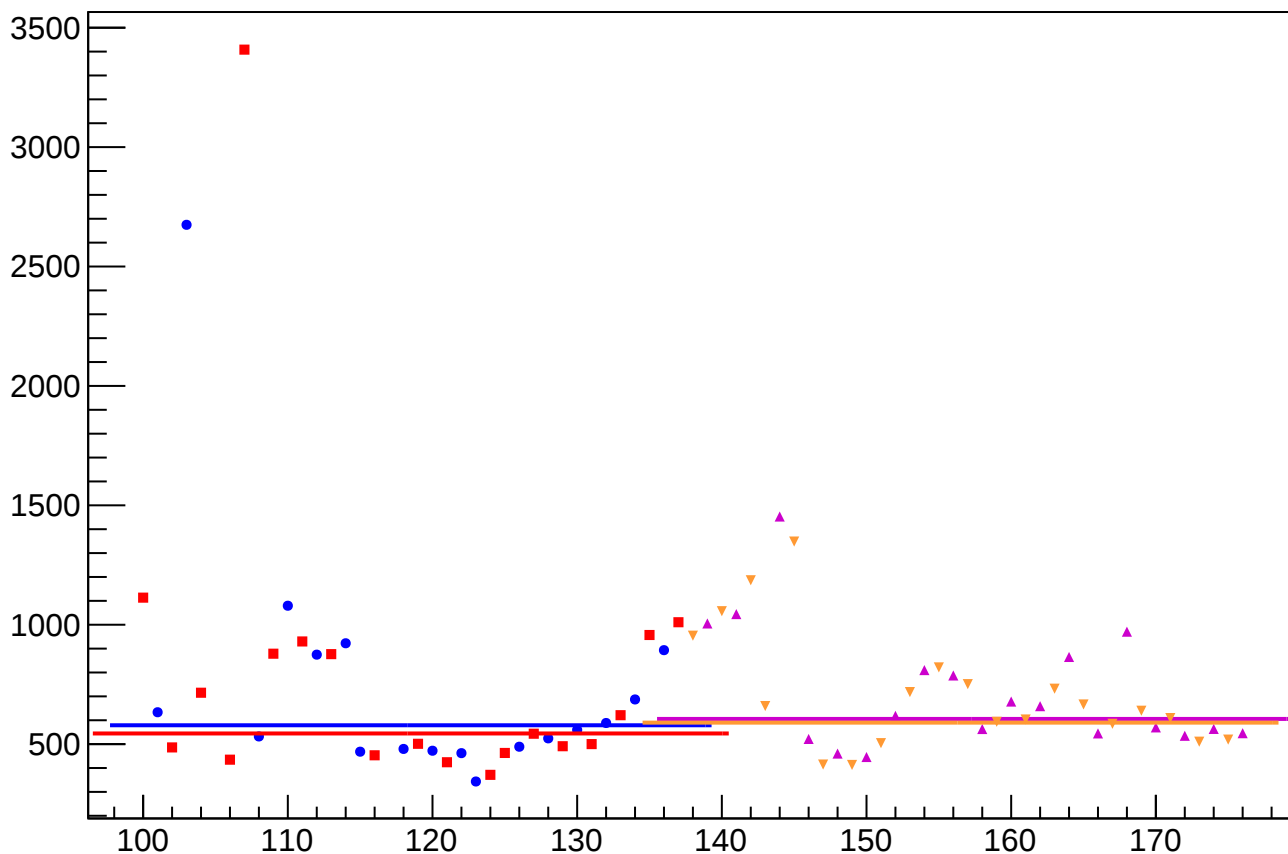
Left In: -63.678 $\pm$ 164.839 χ^2 /NDF: 8.9/18

+ sign -255.761 $\pm$ 132.961 χ^2 /NDF: 49.3/36

All: -115.877 $\pm$ 94.310 χ^2 /NDF: 81.0/74

- sign 25.759 $\pm$ 133.791 χ^2 /NDF: 29.5/37

asym_at1_avg_correction_rms vs Slug



Right In: 579.010 $\pm$ 0.170 χ^2 /NDF: 1422148.6/16

Left Out: 590.053 $\pm$ 0.113 χ^2 /NDF: 2201075.4/19

Right Out: 544.674 $\pm$ 0.162 χ^2 /NDF: 1457799.9/18

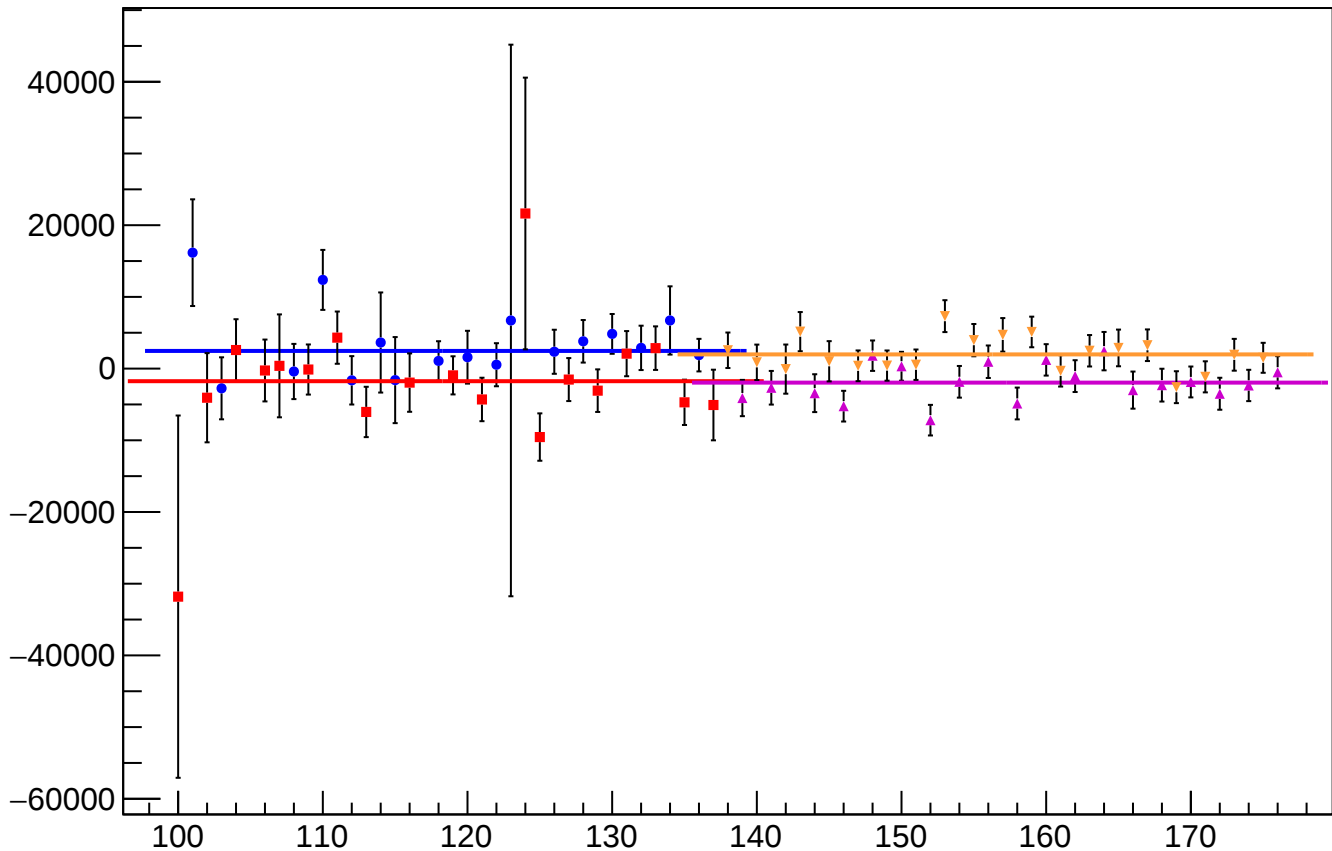
Left In: 605.514 $\pm$ 0.117 χ^2 /NDF: 2148021.4/18

+ sign 586.670 $\pm$ 0.094 χ^2 /NDF: 3626155.7/36

All: 585.718 $\pm$ 0.067 χ^2 /NDF: 7325153.9/74

- sign 584.754 $\pm$ 0.095 χ^2 /NDF: 3698791.7/37

asym_at1_avg_mean vs Slug



Right In: 2464.076 $\pm$ 863.197 χ^2 /NDF: 15.5/16

Left Out: 1979.468 $\pm$ 515.526 χ^2 /NDF:21.7/19

Right Out: -1756.788 $\pm$ 853.292 χ^2 /NDF: 20.5/18

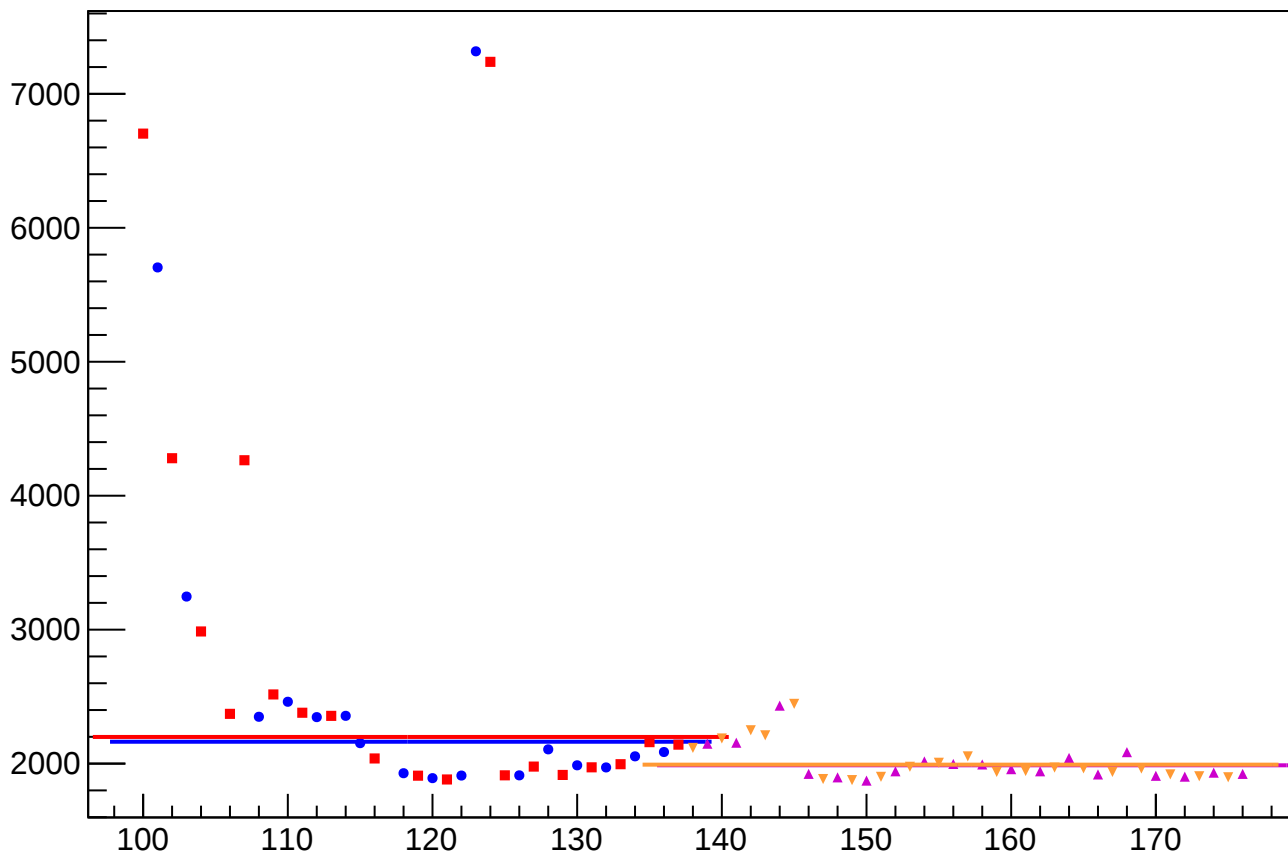
Left In: -1956.371 $\pm$ 519.359 χ^2 /NDF:23.4/18

+ sign 2106.875 $\pm$ 442.600 χ^2 /NDF: 37.4/36

All: 106.950 $\pm$ 313.334 χ^2 /NDF: 122.2/74

- sign -1902.420 $\pm$ 443.644 χ^2 /NDF: 43.9/37

asym_at1_avg_rms vs Slug



Right In: 2163.303+/-0.610 χ^2/NDF : 709584.4/16

Left Out: 1992.212+/-0.365 χ^2/NDF : 123963.4/19

Right Out: 2199.003+/-0.603 χ^2/NDF : 803297.2/18

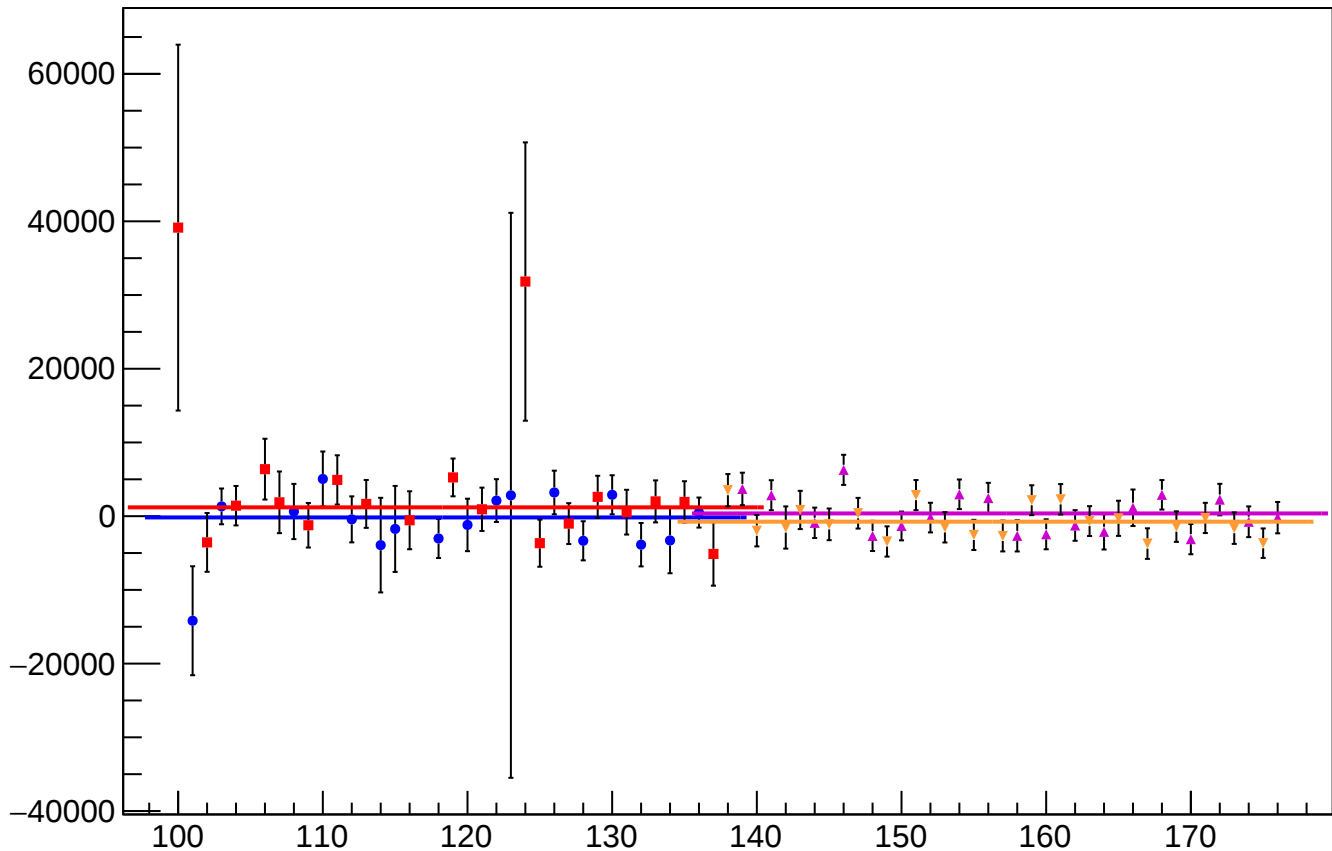
Left In: 1987.390+/-0.367 χ^2/NDF : 103977.2/18

+ sign 2037.193+/-0.313 χ^2/NDF : 891462.3/36

All: 2040.884+/-0.222 χ^2/NDF : 1888769.5/74

- sign 2044.593+/-0.314 χ^2/NDF : 997028.3/37

reg_asym_at1_dd_mean vs Slug



Right In: -170.351 ± 782.384 χ^2/NDF : 14.5/16

Left Out: -747.799 ± 476.851 χ^2/NDF : 20.3/19

Right Out: 1197.543 ± 764.254 χ^2/NDF : 18.2/18

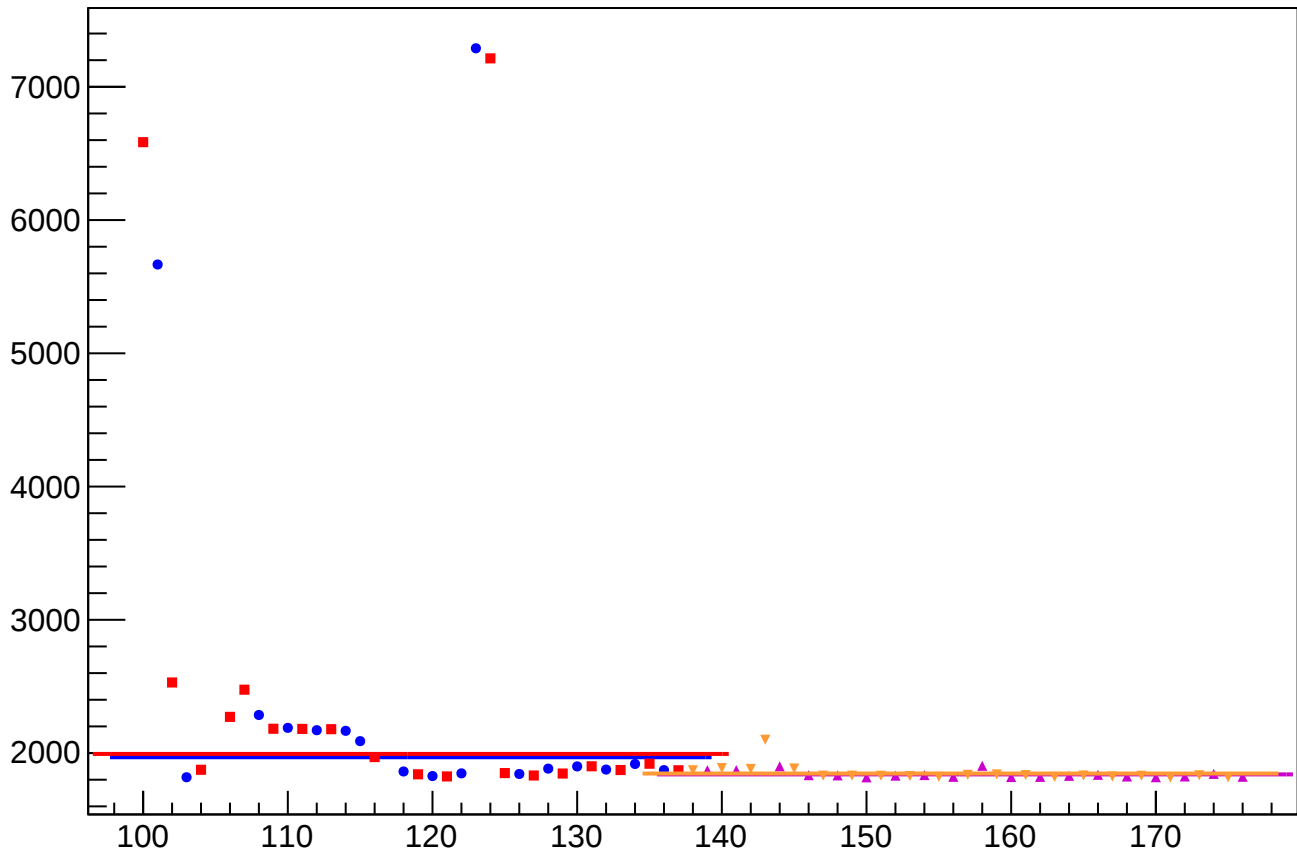
Left In: 371.588 ± 479.987 χ^2/NDF : 29.6/18

+ sign -591.394 ± 407.183 χ^2/NDF : 35.2/36

All: 7.963 ± 287.670 χ^2/NDF : 88.2/74

- sign 605.224 ± 406.471 χ^2/NDF : 48.7/37

reg_asym_at1_dd_rms vs Slug



Right In: 1968.632 $\pm$ 0.553 χ^2 /NDF: 602972.8/16

Left Out: 1846.430 $\pm$ 0.337 χ^2 /NDF: 23593.2/19

Right Out: 1993.422 $\pm$ 0.540 χ^2 /NDF: 356172.4/18

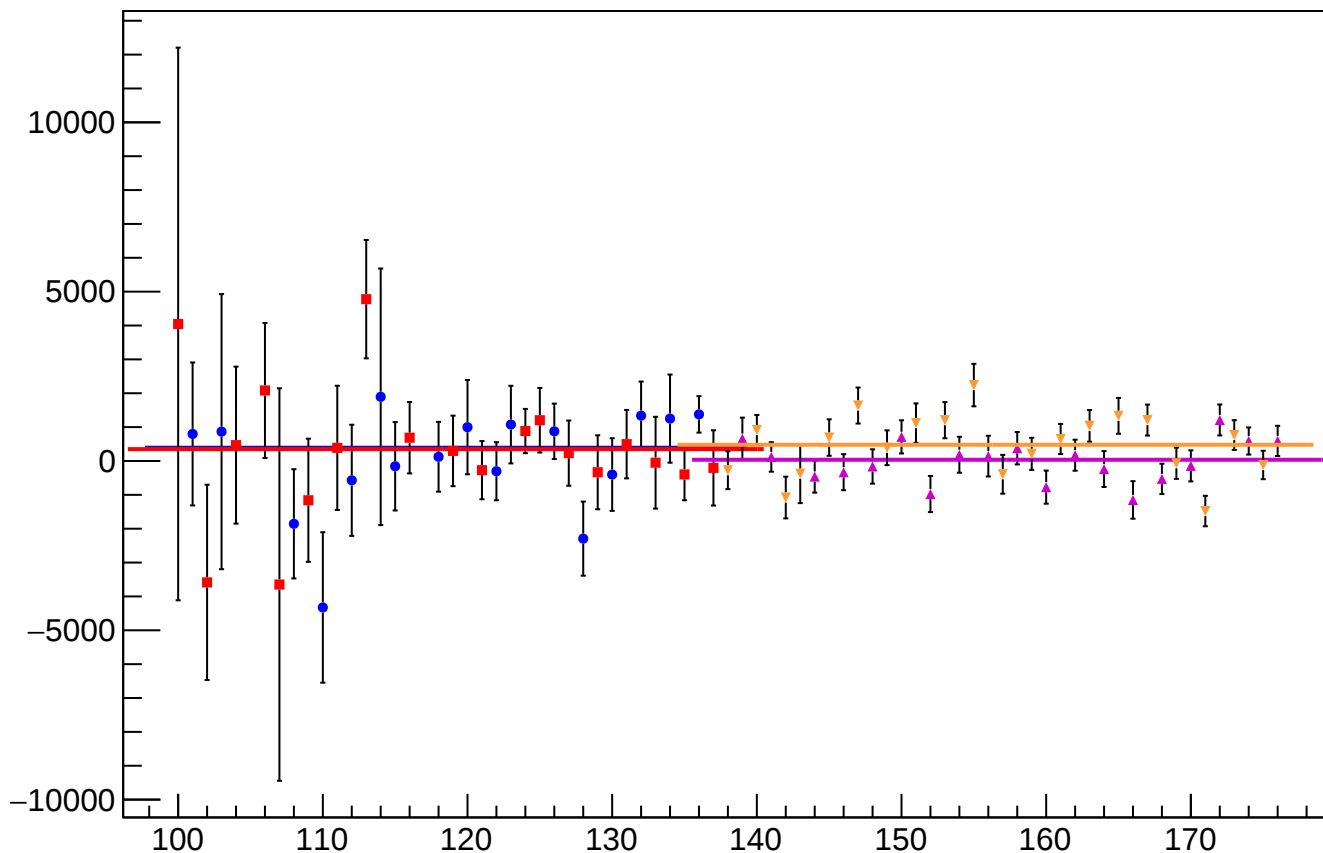
Left In: 1839.810 $\pm$ 0.339 χ^2 /NDF: 5948.3/18

+ sign 1879.529 $\pm$ 0.288 χ^2 /NDF: 662142.7/36

All: 1881.399 $\pm$ 0.203 χ^2 /NDF: 1082291.0/74

- sign 1883.262 $\pm$ 0.287 χ^2 /NDF: 420064.2/37

asym_at1_dd_correction_mean vs Slug



Right In: 390.923 $\pm$ 270.128 χ^2/NDF : 20.0/16

Left Out: 477.757 $\pm$ 113.256 χ^2/NDF : 58.2/19

Right Out: 350.642 $\pm$ 266.097 χ^2/NDF : 14.2/18

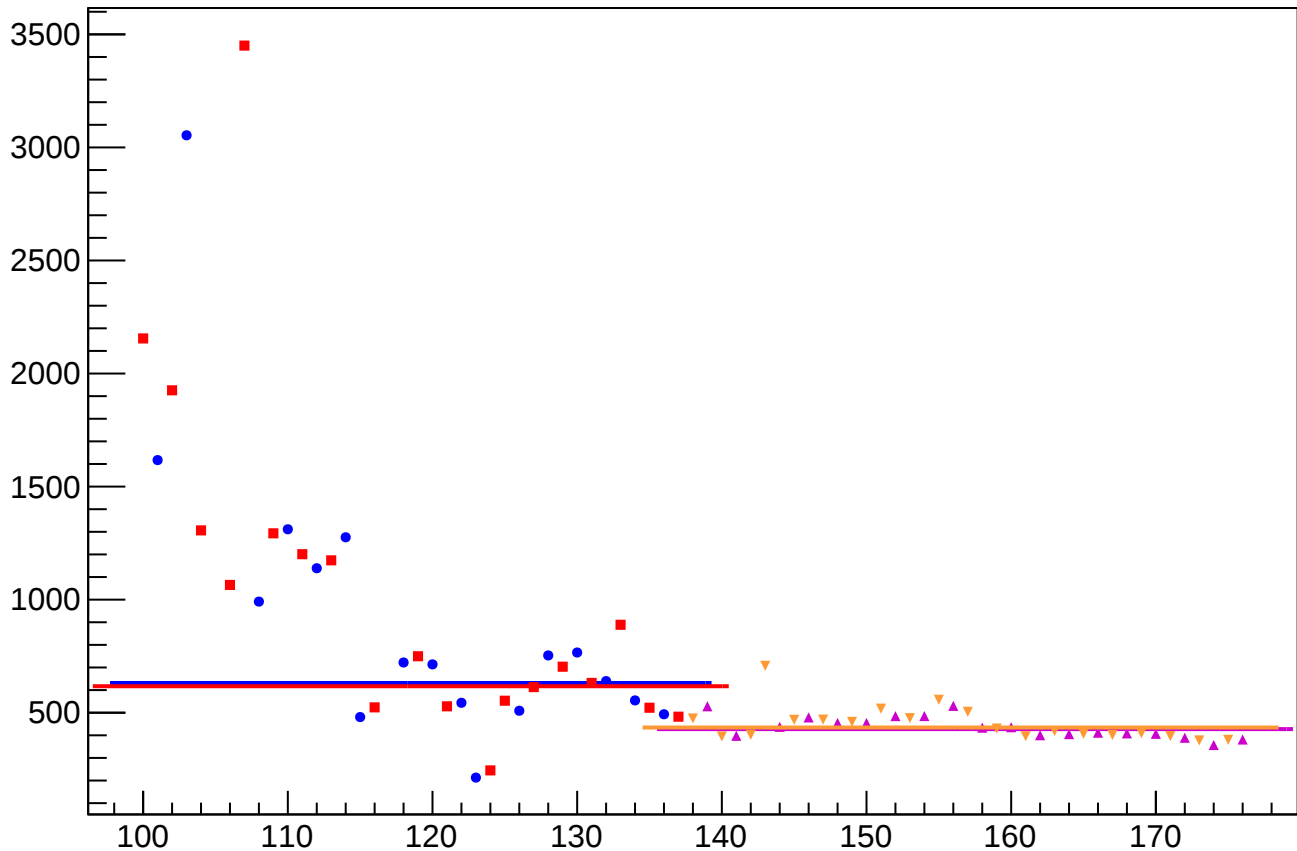
Left In: 35.941 $\pm$ 112.063 χ^2/NDF : 28.4/18

+ sign 464.775 $\pm$ 104.447 χ^2/NDF : 78.3/36

All: 271.914 $\pm$ 73.438 χ^2/NDF : 128.9/74

- sign 83.347 $\pm$ 103.278 χ^2/NDF : 43.8/37

asym_at1_dd_correction_rms vs Slug



Right In: 631.430 $\pm$ 0.191 χ^2/NDF : 2260692.7/16

Left Out: 434.497 $\pm$ 0.080 χ^2/NDF : 529133.0/19

Right Out: 617.035 $\pm$ 0.188 χ^2/NDF : 2802149.9/18

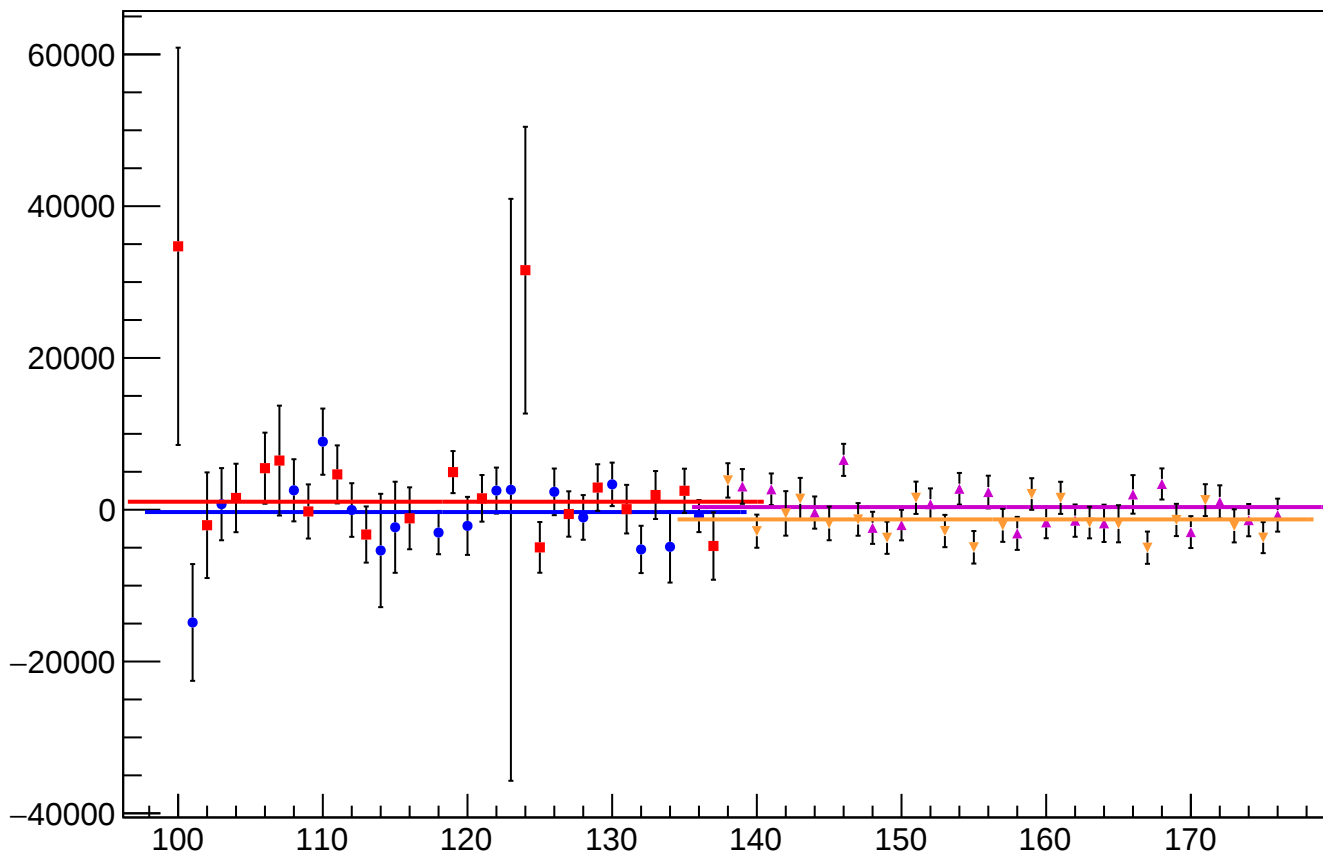
Left In: 427.462 $\pm$ 0.079 χ^2/NDF : 316474.3/18

+ sign 463.939 $\pm$ 0.074 χ^2/NDF : 3693884.8/36

All: 459.935 $\pm$ 0.052 χ^2/NDF : 7680503.1/74

- sign 456.019 $\pm$ 0.073 χ^2/NDF : 3980803.7/37

asym_at1_dd_mean vs Slug



Right In: -305.713 ± 871.922 χ^2/NDF : 17.2/16

Left Out: -1273.202 ± 491.553 χ^2/NDF : 24.0/19

Right Out: 1056.856 ± 867.445 χ^2/NDF : 16.6/18

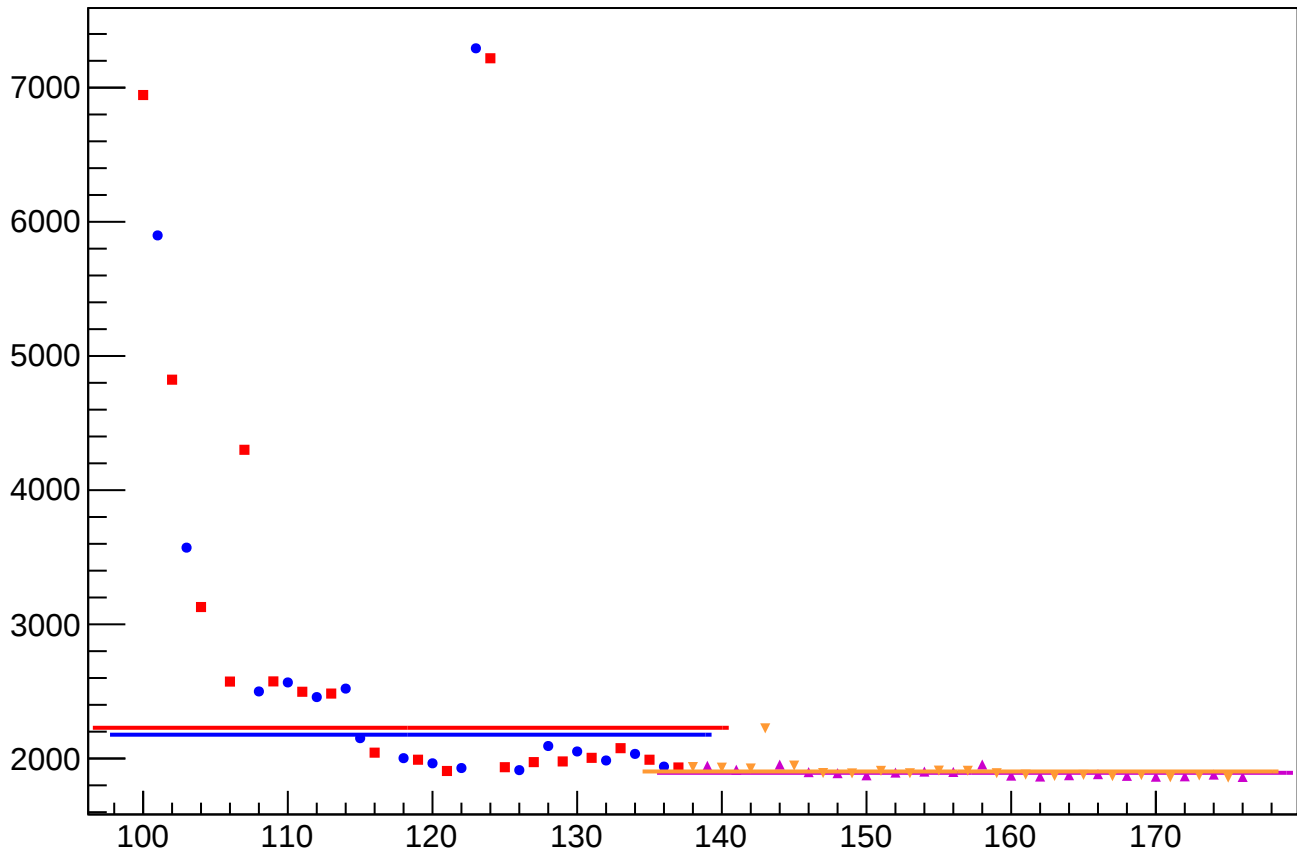
Left In: 350.808 ± 493.912 χ^2/NDF : 27.7/18

+ sign -1039.870 ± 428.196 χ^2/NDF : 42.1/36

All: -259.955 ± 303.139 χ^2/NDF : 93.6/74

- sign 523.668 ± 429.212 χ^2/NDF : 44.9/37

asym_at1_dd_rms vs Slug



Right In: 2177.446+/-0.617 χ^2/NDF : 802836.7/16

Left Out: 1903.241+/-0.348 χ^2/NDF : 33428.2/19

Right Out: 2229.014+/-0.613 χ^2/NDF : 895809.1/18

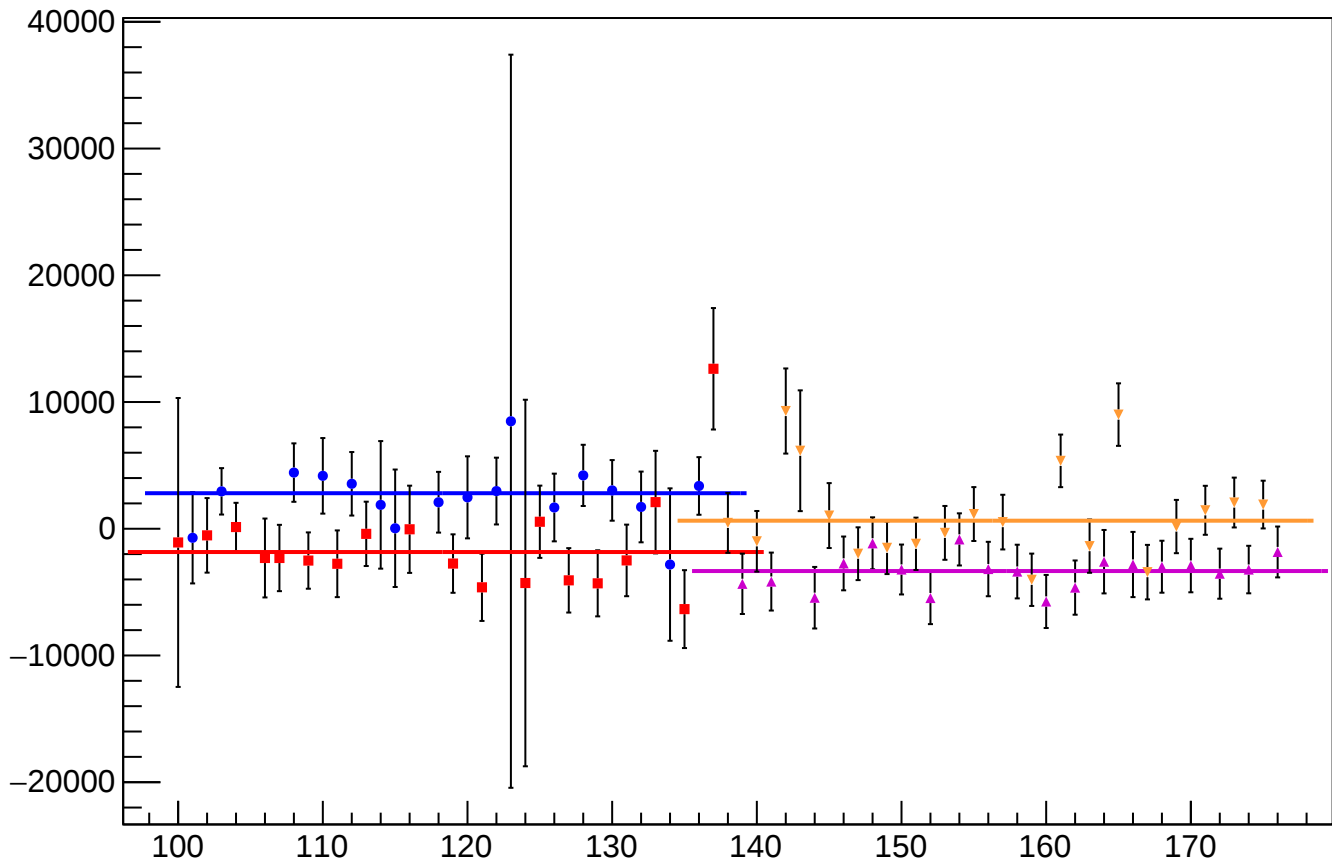
Left In: 1893.327+/-0.349 χ^2/NDF : 6866.0/18

+ sign 1969.372+/-0.303 χ^2/NDF : 986361.3/36

All: 1972.435+/-0.214 χ^2/NDF : 2115425.9/74

- sign 1975.513+/-0.303 χ^2/NDF : 1128859.4/37

reg_asym_at2_avg_mean vs Slug



Right In: 2803.917 ± 678.548 χ^2/NDF : 3.9/16

Left Out: 635.359 ± 493.701 χ^2/NDF : 39.6/19

Right Out: -1837.168 ± 655.307 χ^2/NDF : 18.0/18

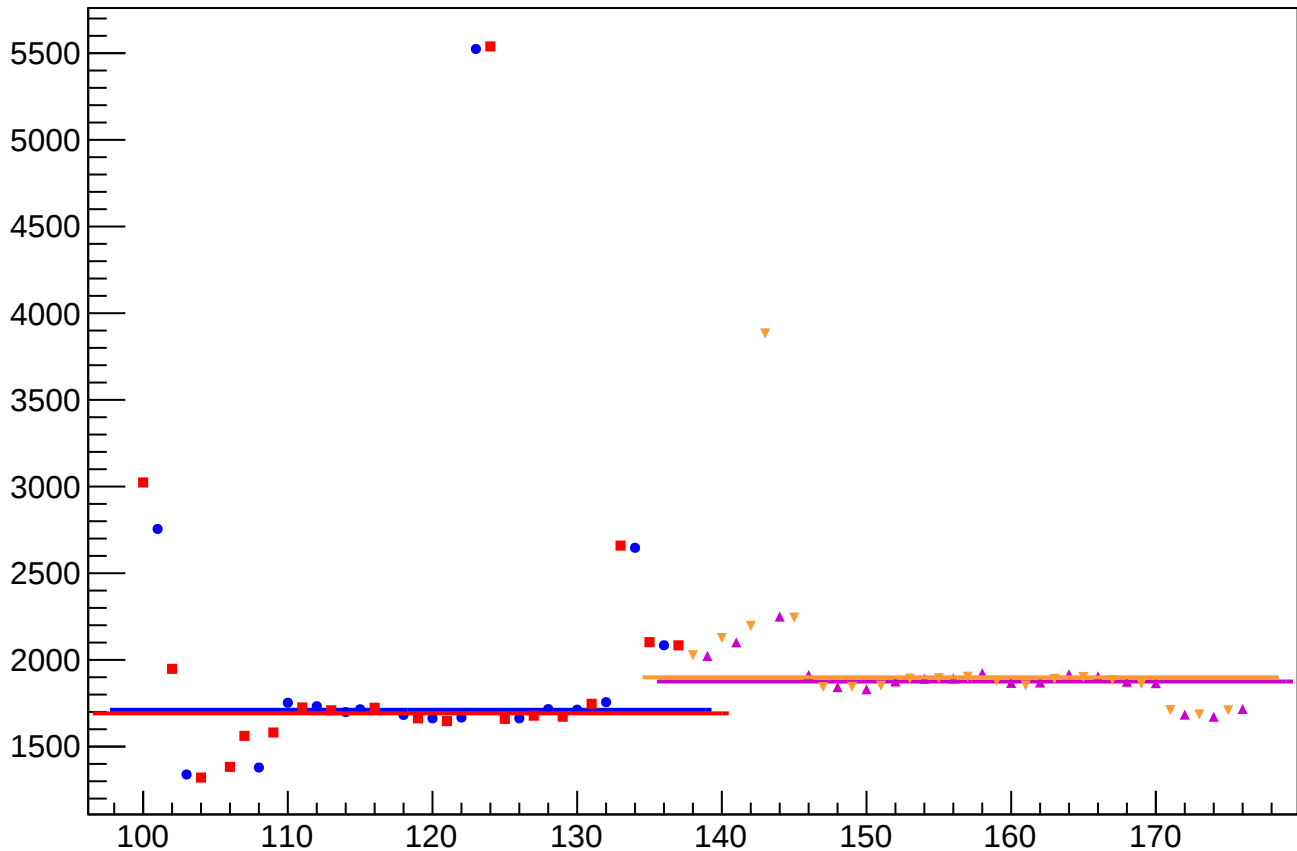
Left In: -3337.356 ± 489.380 χ^2/NDF : 7.3/18

+ sign 1385.982 ± 399.215 χ^2/NDF : 50.2/36

All: -744.732 ± 279.740 χ^2/NDF : 134.9/74

- sign -2800.245 ± 392.106 χ^2/NDF : 28.7/37

reg_asym_at2_avg_rms vs Slug



Right In: 1712.154 ± 0.480 χ^2/NDF : 432478.4/16

Left Out: 1899.652 ± 0.349 χ^2/NDF : 491460.6/19

Right Out: 1691.747 ± 0.463 χ^2/NDF : 454922.1/18

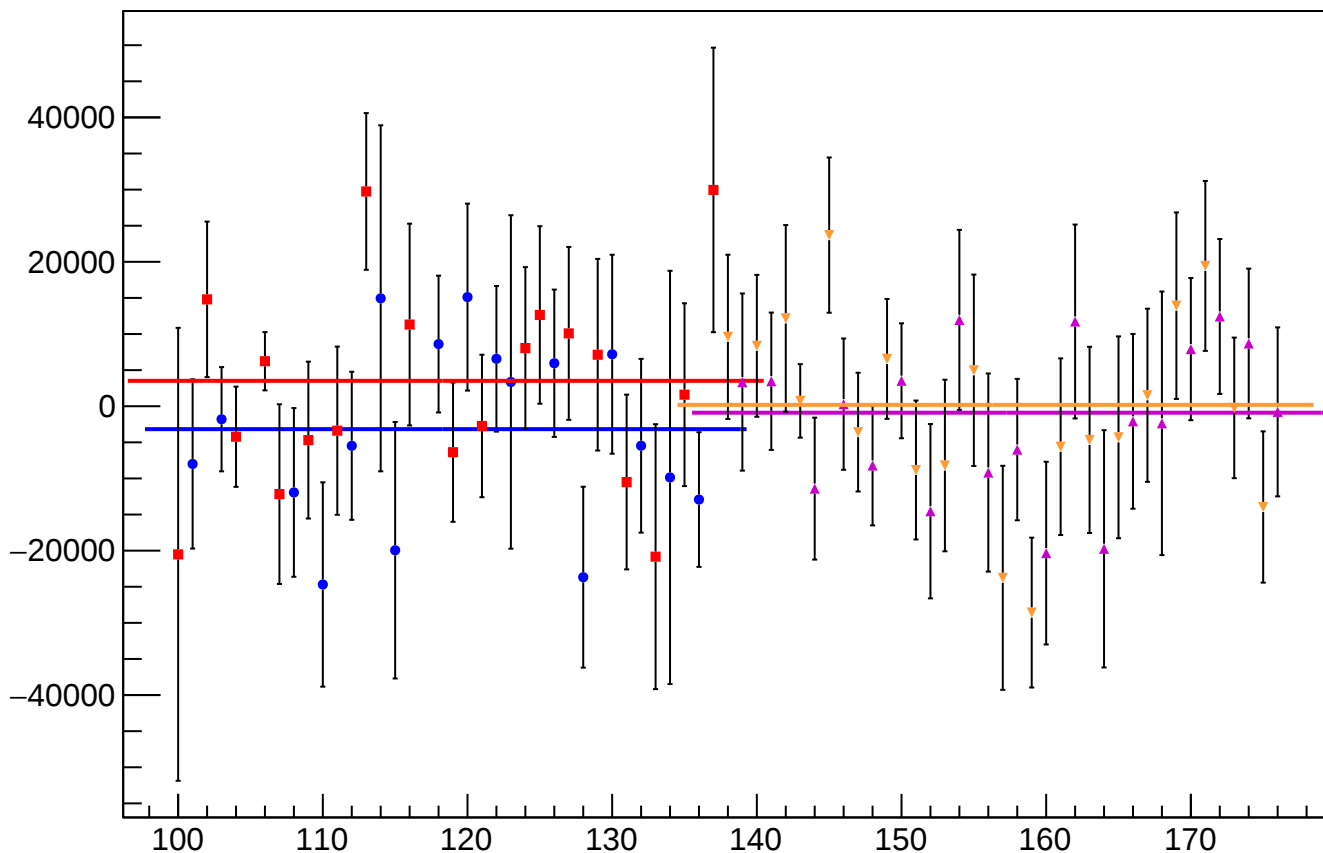
Left In: 1875.404 ± 0.346 χ^2/NDF : 133854.3/18

+ sign 1834.751 ± 0.282 χ^2/NDF : 1023788.7/36

All: 1821.974 ± 0.198 χ^2/NDF : 1717440.2/74

- sign 1809.649 ± 0.277 χ^2/NDF : 689626.6/37

asym_at2_avg_correction_mean vs Slug



Right In: -3173.245 $\pm$ 2851.982 χ^2/NDF : 14.4/16

Left Out: 192.340 $\pm$ 2262.830 χ^2/NDF : 25.5/19

Right Out: 3520.105 $\pm$ 2266.532 χ^2/NDF : 19.5/18

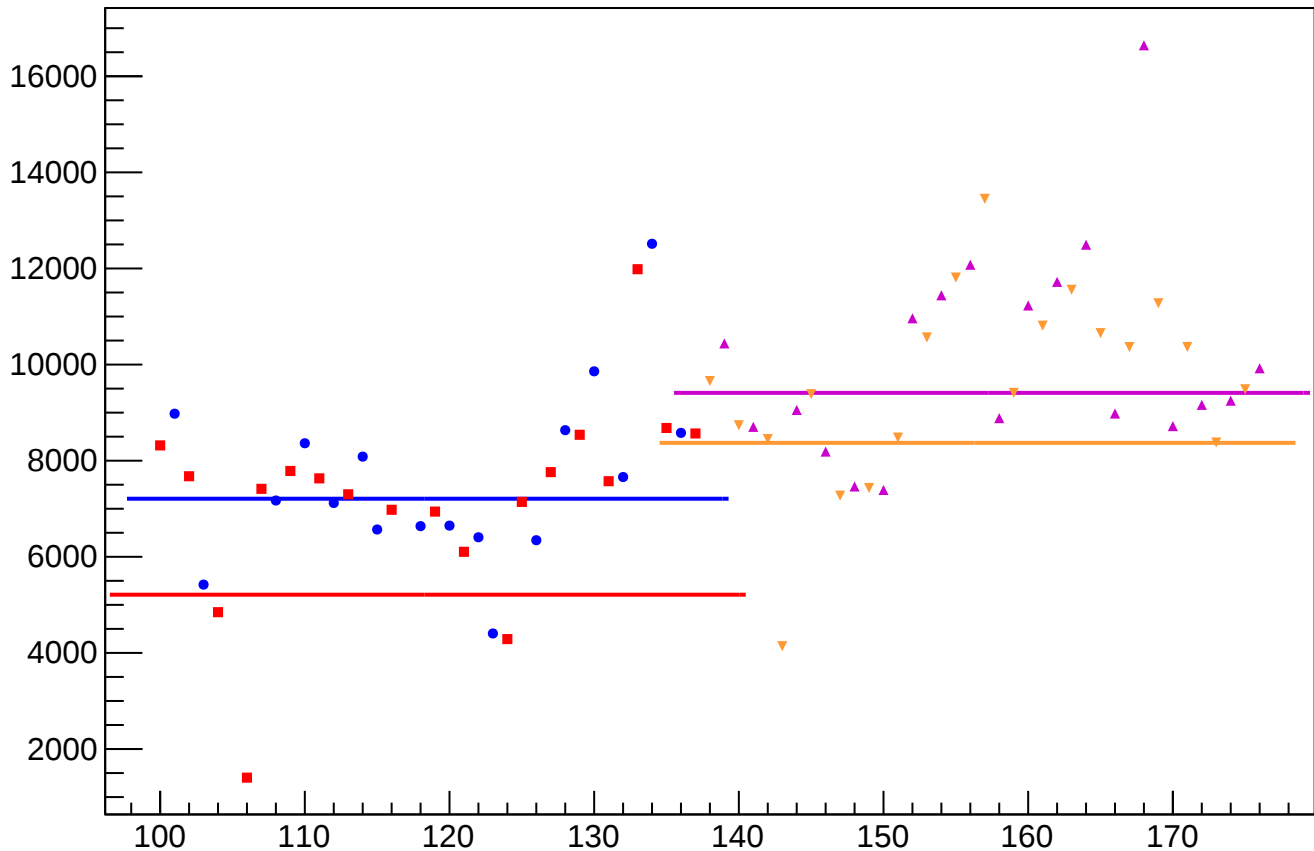
Left In: -895.055 $\pm$ 2496.411 χ^2/NDF : 13.3/18

+ sign -1107.862 $\pm$ 1772.645 χ^2/NDF : 40.8/36

All: 280.733 $\pm$ 1218.641 χ^2/NDF : 76.5/74

- sign 1525.123 $\pm$ 1678.079 χ^2/NDF : 34.6/37

asym_at2_avg_correction_rms vs Slug



Right In: 7208.567+/-2.017 χ^2/NDF : 469302.0/16

Left Out: 8371.250+/-1.600 χ^2/NDF : 2417990.6/19

Right Out: 5211.187+/-1.603 χ^2/NDF : 3196870.2/18

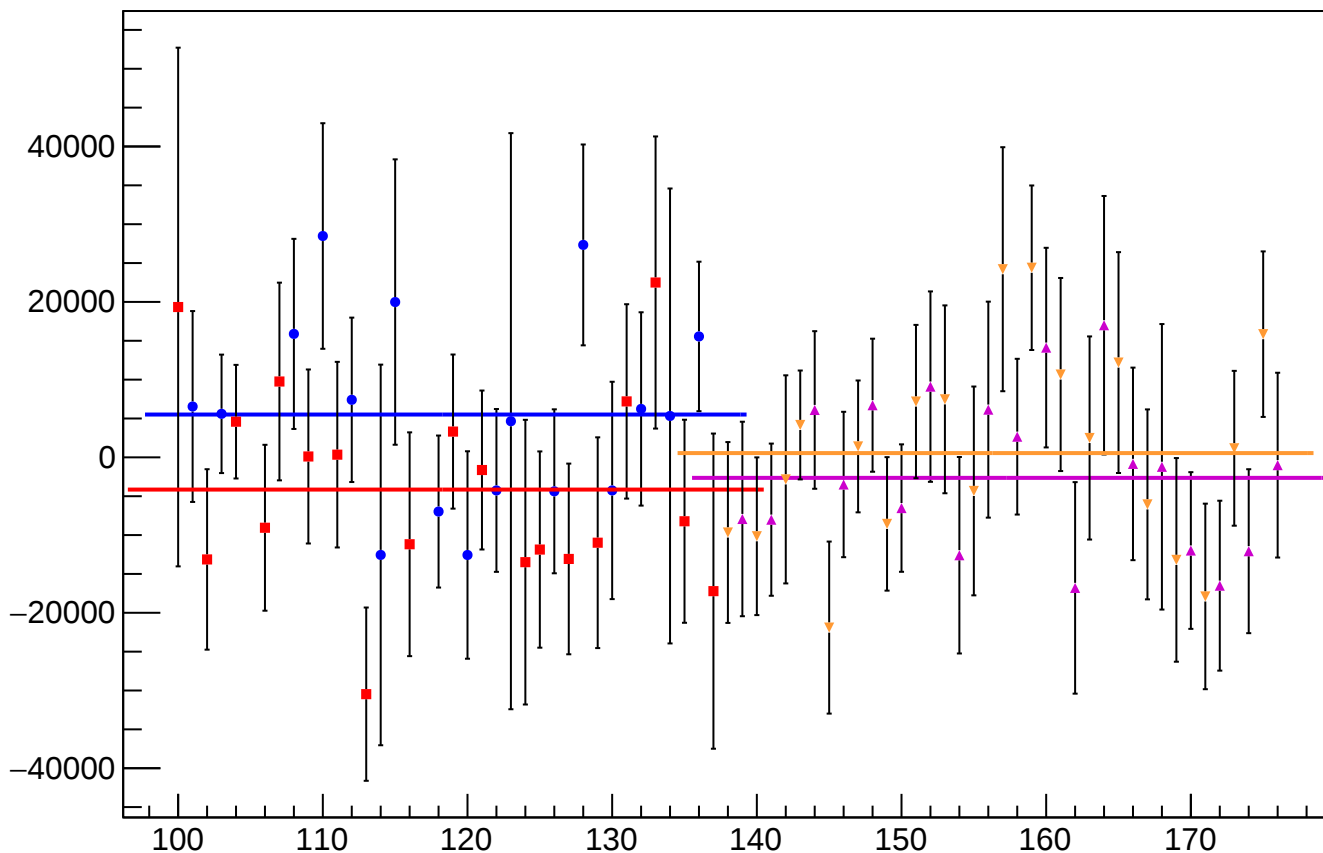
Left In: 9411.466+/-1.765 χ^2/NDF : 973352.7/18

+ sign 7922.079+/-1.253 χ^2/NDF : 3091277.7/36

All: 7493.313+/-0.862 χ^2/NDF : 10586894.8/7

- sign 7109.075+/-1.187 χ^2/NDF : 7273746.8/37

asym_at2_avg_mean vs Slug



Right In: 5509.395+/-2971.033 χ^2/NDF : 14.1/16

Left Out: 549.573+/-2425.067 χ^2/NDF : 22.9/19

Right Out: -4146.067+/-2790.212 χ^2/NDF : 15.4/18

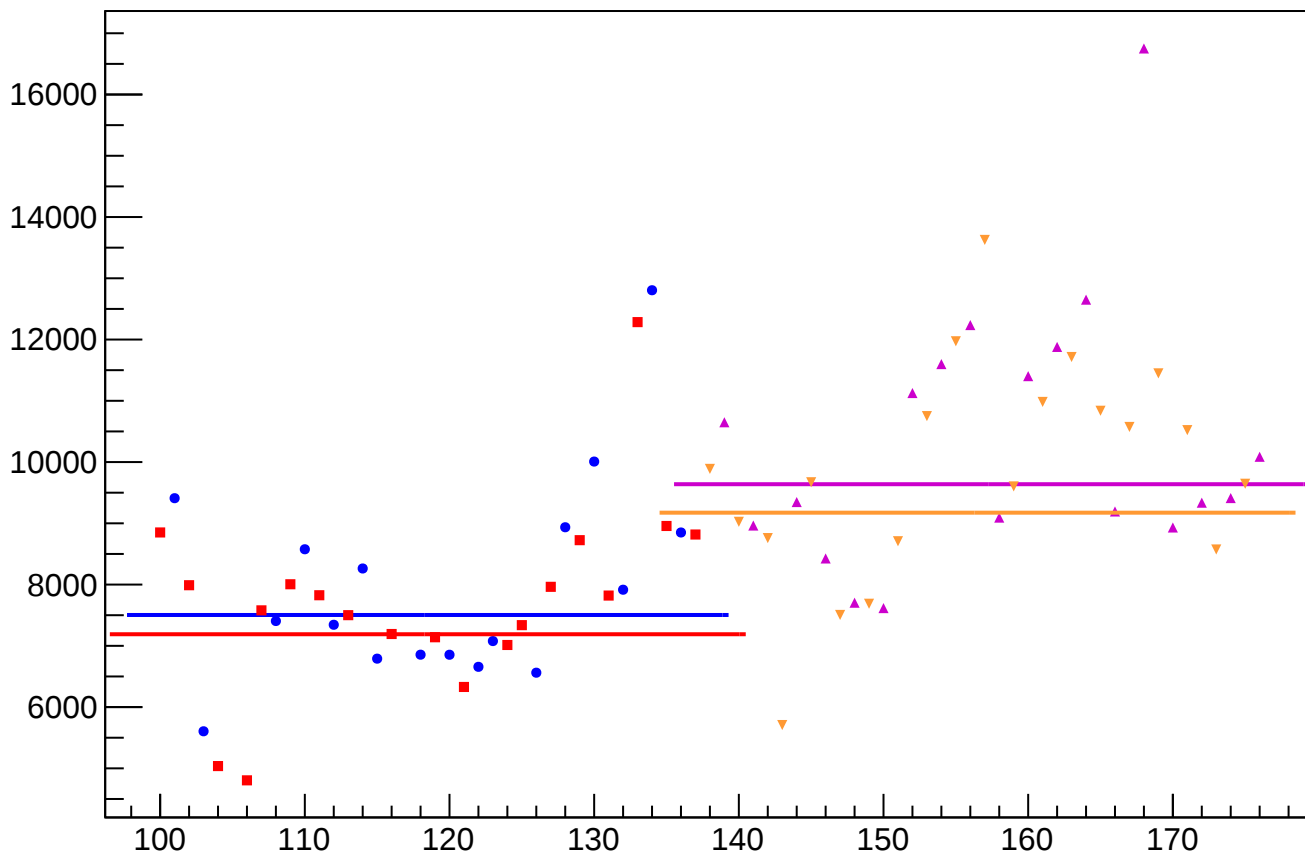
Left In: -2639.211+/-2553.347 χ^2/NDF : 12.4/18

+ sign 2532.745+/-1878.688 χ^2/NDF : 38.7/36

All: -388.855+/-1330.192 χ^2/NDF : 71.5/74

- sign -3325.975+/-1883.672 χ^2/NDF : 27.9/37

asym_at2_avg_rms vs Slug



Right In: 7503.667 $\pm$ 2.101 χ^2 /NDF: 427313.5/16

Left Out: 9173.785 $\pm$ 1.715 χ^2 /NDF: 1199018.6/19

Right Out: 7189.231 $\pm$ 1.973 χ^2 /NDF: 557703.4/18

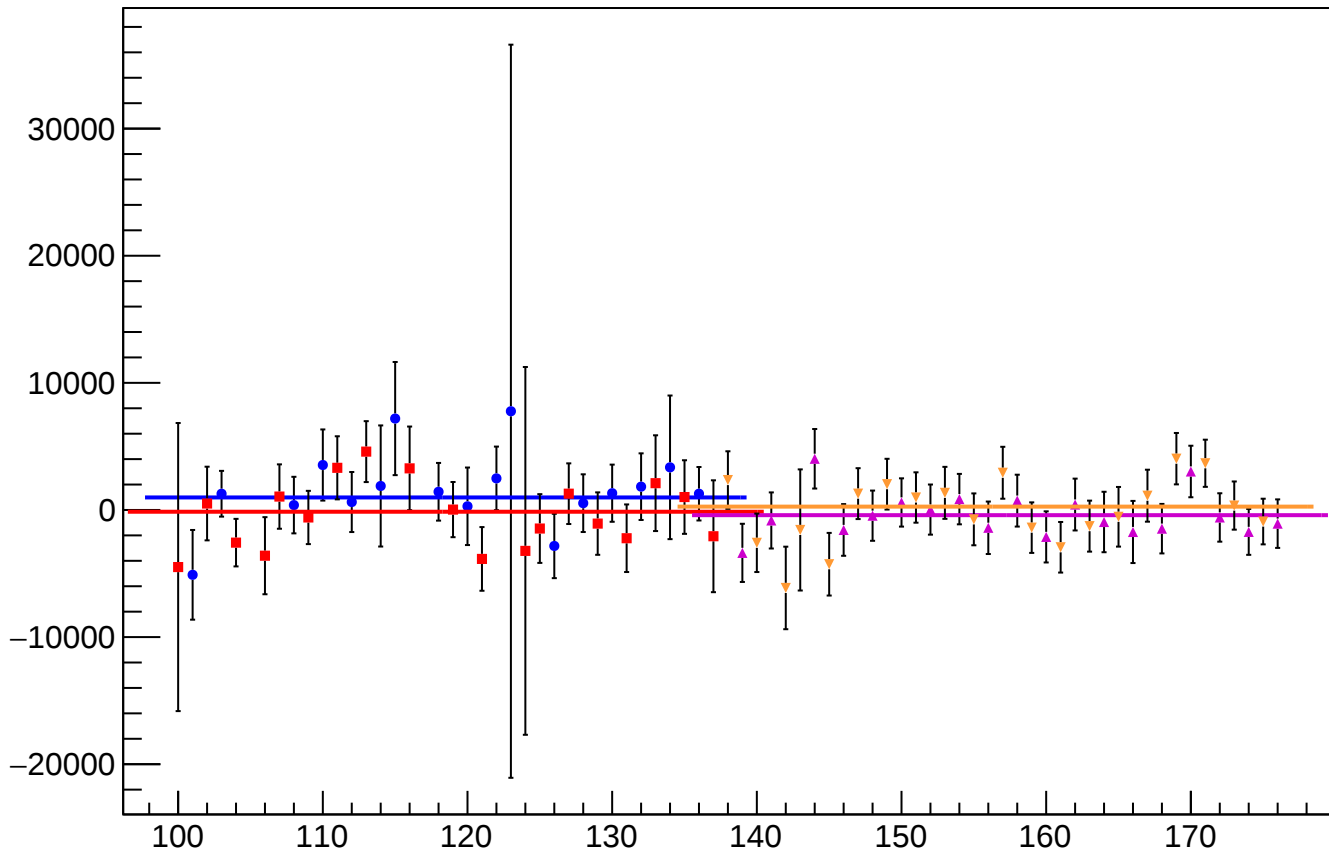
Left In: 9638.528 $\pm$ 1.805 χ^2 /NDF: 910275.0/18

+ sign 8505.972 $\pm$ 1.328 χ^2 /NDF: 2005633.4/36

All: 8514.005 $\pm$ 0.941 χ^2 /NDF: 4312545.5/74

- sign 8522.081 $\pm$ 1.332 χ^2 /NDF: 2306838.7/37

reg_asym_at2_dd_mean vs Slug



Right In: 985.452 ± 644.630 χ^2/NDF : 9.1/16

Left Out: 263.340 ± 473.442 χ^2/NDF : 24.6/19

Right Out: -138.627 ± 623.555 χ^2/NDF : 14.7/18

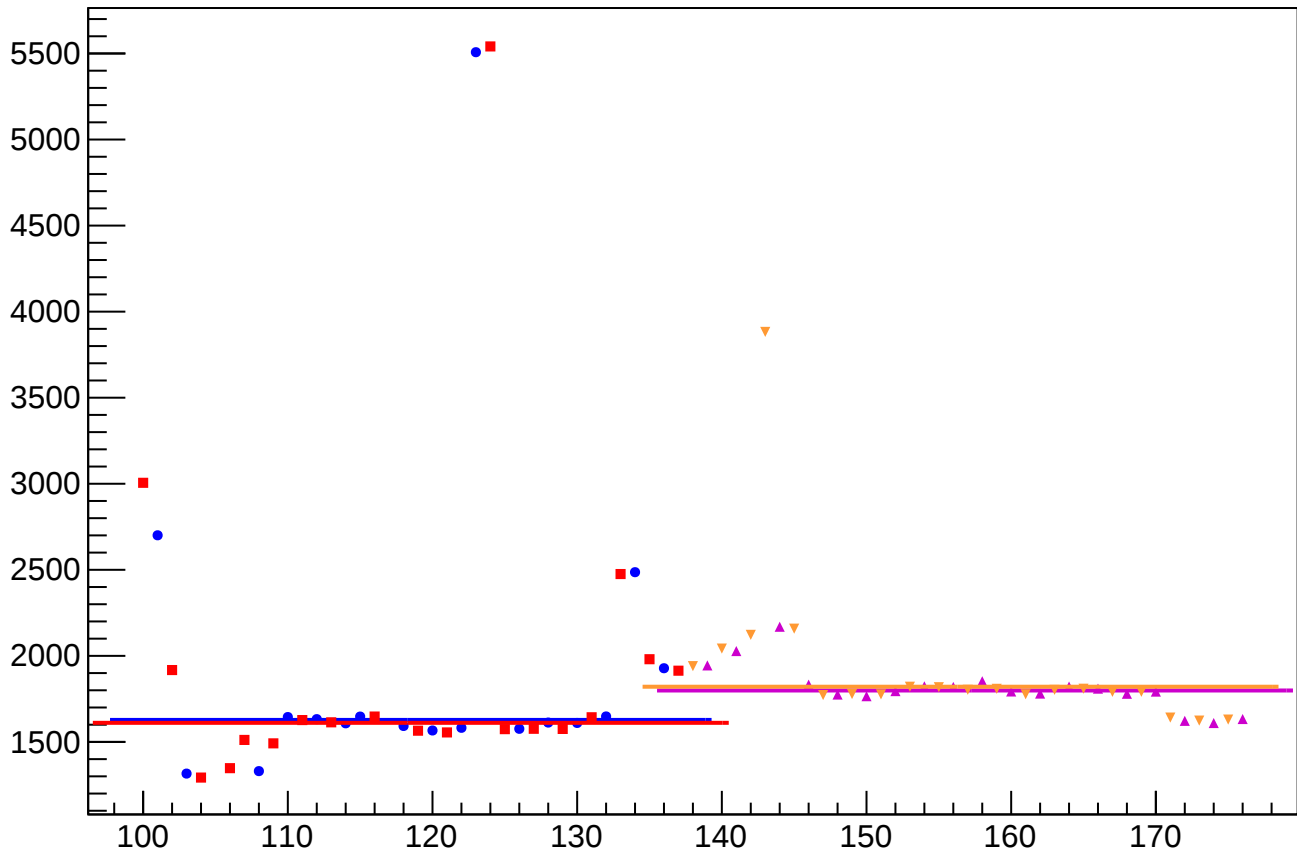
Left In: -408.866 ± 469.438 χ^2/NDF : 12.0/18

+ sign 516.365 ± 381.584 χ^2/NDF : 34.5/36

All: 95.470 ± 267.476 χ^2/NDF : 63.7/74

- sign -311.109 ± 375.038 χ^2/NDF : 26.8/37

reg_asym_at2_dd_rms vs Slug



Right In: 1627.836 $\pm$ 0.456 χ^2 /NDF: 407106.6/16

Left Out: 1820.718 $\pm$ 0.335 χ^2 /NDF: 521606.1/19

Right Out: 1610.948 $\pm$ 0.441 χ^2 /NDF: 433960.8/18

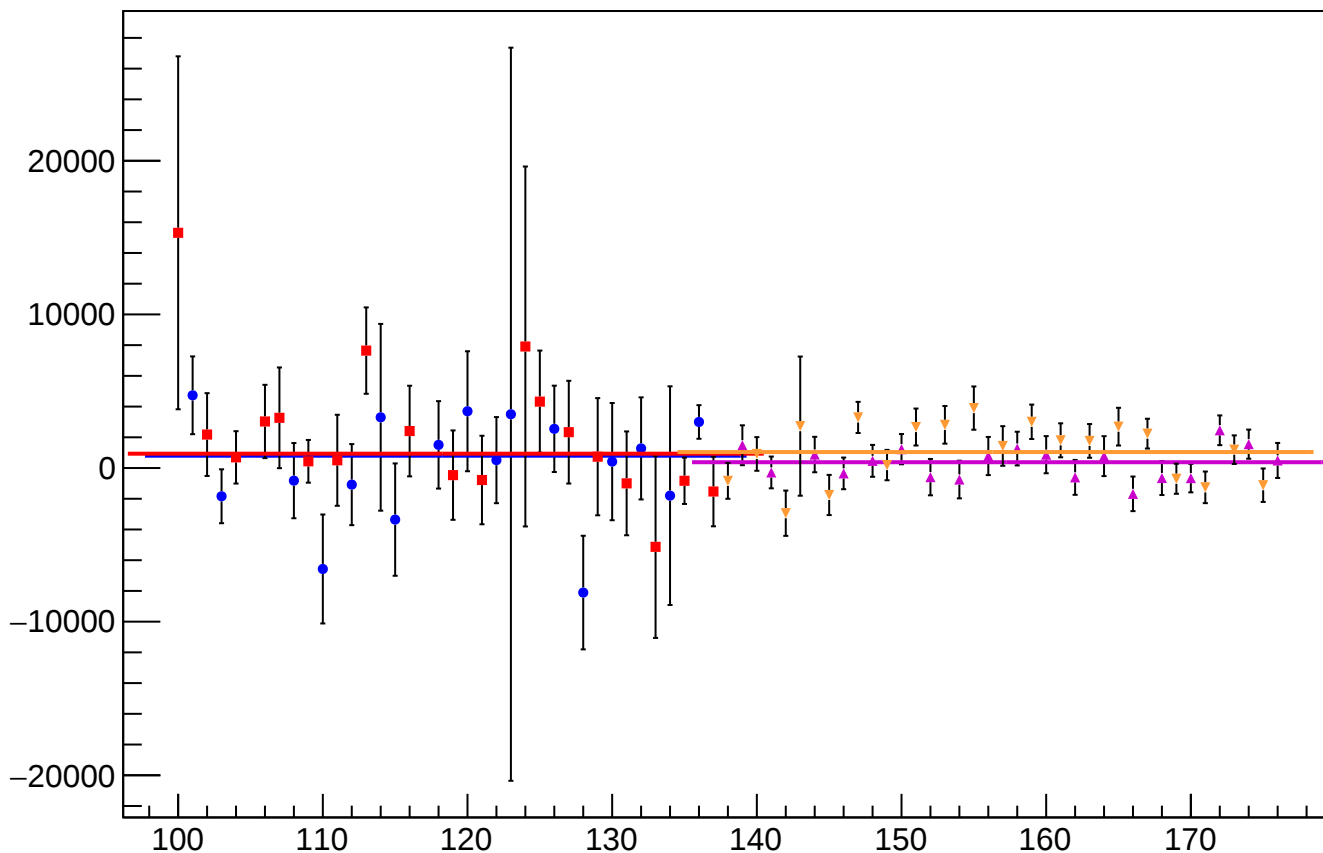
Left In: 1798.821 $\pm$ 0.332 χ^2 /NDF: 137858.8/18

+ sign 1753.132 $\pm$ 0.270 χ^2 /NDF: 1045028.3/36

All: 1741.803 $\pm$ 0.189 χ^2 /NDF: 1736192.6/74

- sign 1730.859 $\pm$ 0.265 χ^2 /NDF: 687698.1/37

asym_at2_dd_correction_mean vs Slug



Right In: 803.048 $\pm$ 631.676 χ^2 /NDF: 22.4/16

Left Out: 1040.028 $\pm$ 255.800 χ^2 /NDF: 47.9/19

Right Out: 933.645 $\pm$ 589.727 χ^2 /NDF: 15.3/18

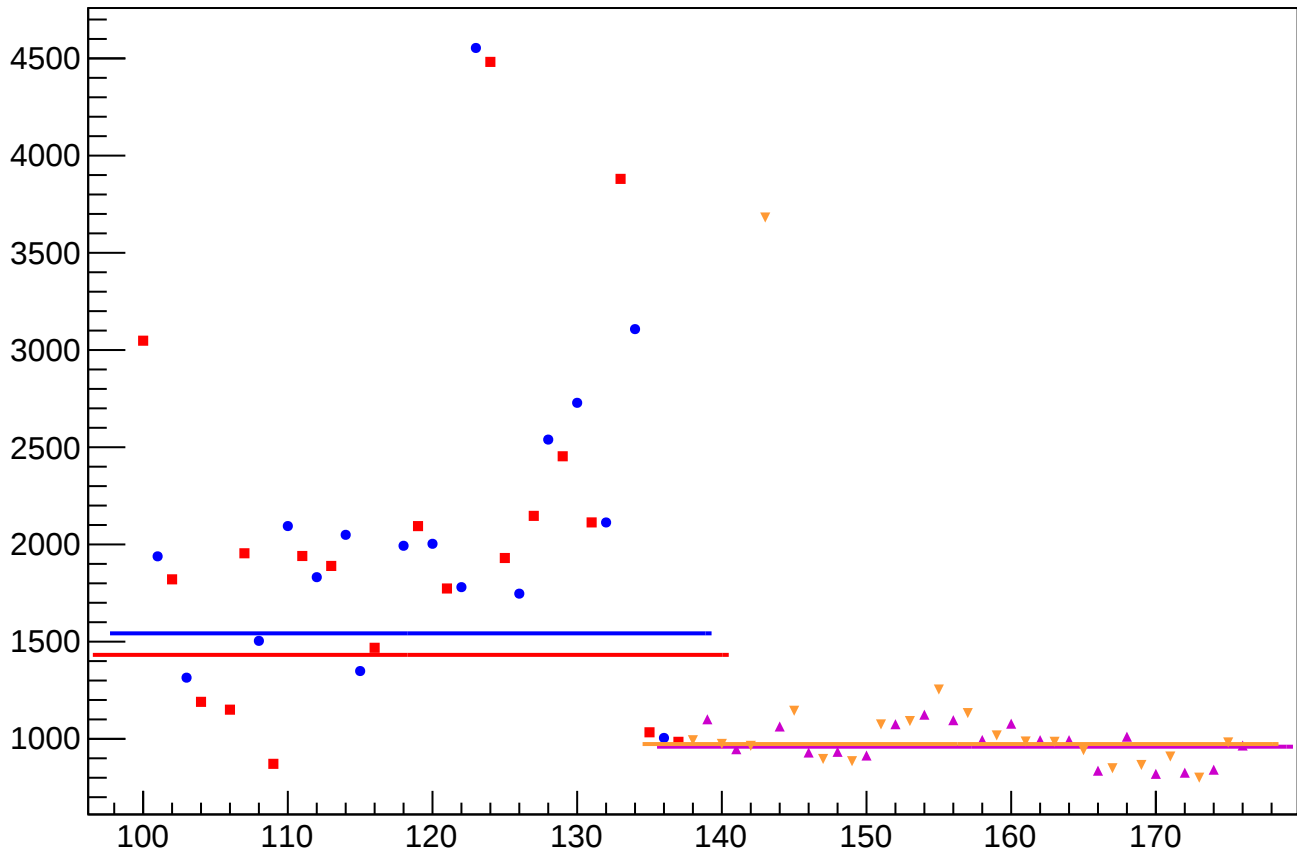
Left In: 378.008 $\pm$ 251.462 χ^2 /NDF: 17.5/18

+ sign 1006.641 $\pm$ 237.097 χ^2 /NDF: 70.4/36

All: 728.358 $\pm$ 165.570 χ^2 /NDF: 106.6/74

- sign 463.491 $\pm$ 231.311 χ^2 /NDF: 33.5/37

asym_at2_dd_correction_rms vs Slug



Right In: 1542.705 $\pm$ 0.447 χ^2 /NDF: 1287946.3/16

Left Out: 973.328 $\pm$ 0.181 χ^2 /NDF: 1059055.9/19

Right Out: 1432.013 $\pm$ 0.417 χ^2 /NDF: 1823809.4/18

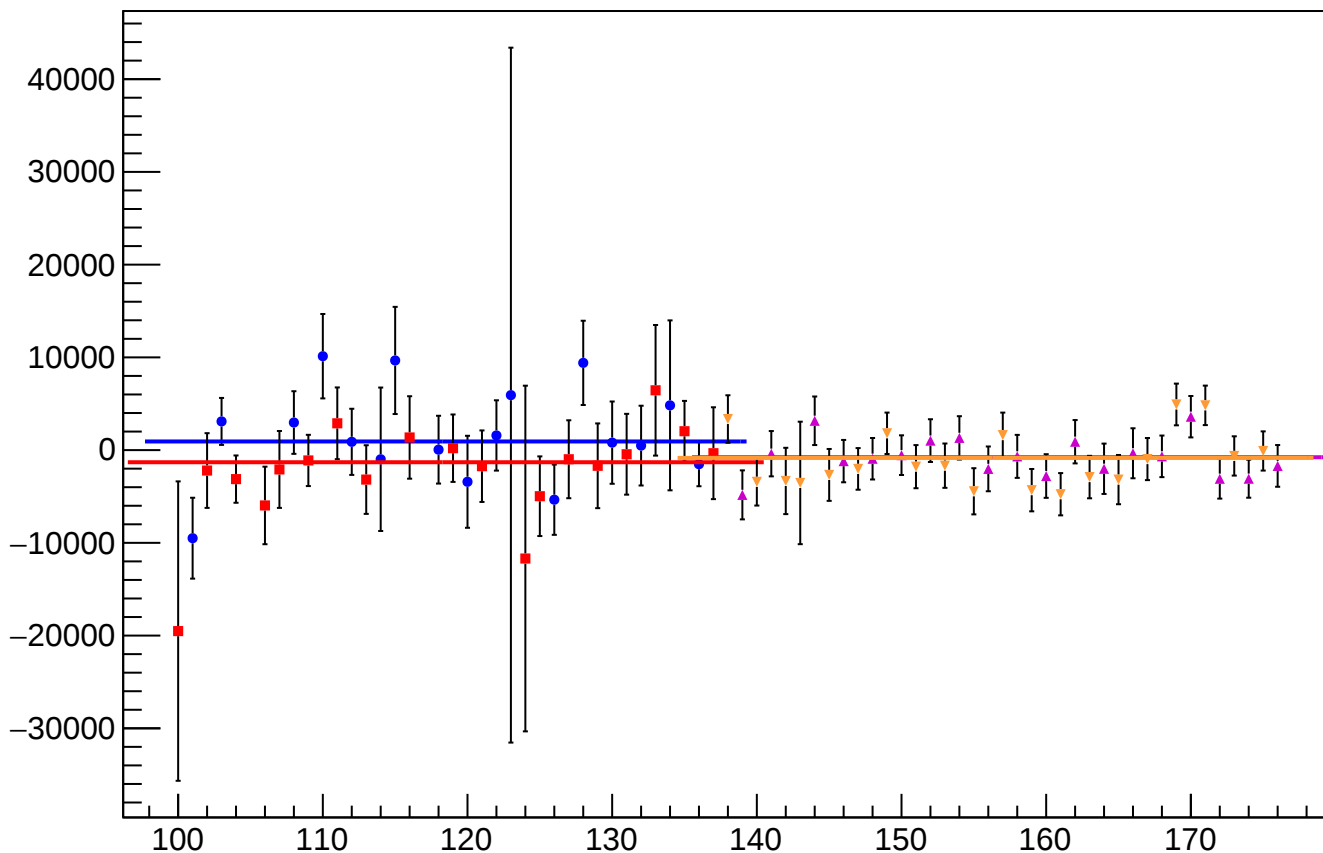
Left In: 959.684 $\pm$ 0.178 χ^2 /NDF: 294120.4/18

+ sign 1053.544 $\pm$ 0.168 χ^2 /NDF: 3743027.4/36

All: 1042.686 $\pm$ 0.117 χ^2 /NDF: 6954733.3/74

- sign 1032.351 $\pm$ 0.164 χ^2 /NDF: 3203518.8/37

asym_at2_dd_mean vs Slug



Right In: 932.818 ± 967.941 χ^2/NDF : 21.6/16

Left Out: -840.847 ± 542.291 χ^2/NDF : 30.5/19

Right Out: -1307.802 ± 925.415 χ^2/NDF : 8.5/18

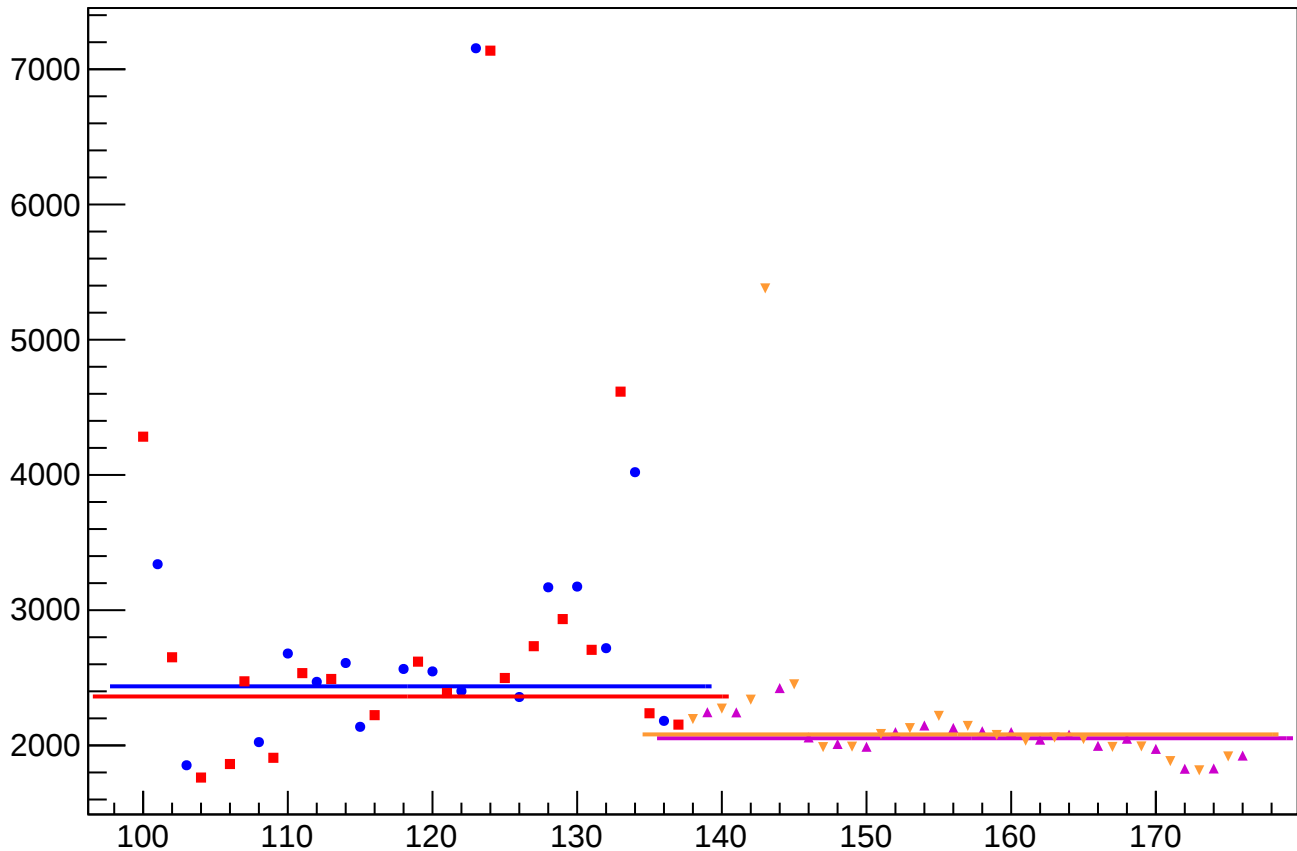
Left In: -767.495 ± 535.655 χ^2/NDF : 14.3/18

+ sign -417.124 ± 473.101 χ^2/NDF : 54.7/36

All: -665.039 ± 331.121 χ^2/NDF : 78.3/74

- sign -903.090 ± 463.594 χ^2/NDF : 23.0/37

asym_at2_dd_rms vs Slug



Right In: 2436.855+/-0.684 χ^2/NDF : 469030.2/16

Left Out: 2081.416+/-0.383 χ^2/NDF : 642708.3/19

Right Out: 2361.880+/-0.654 χ^2/NDF : 655847.5/18

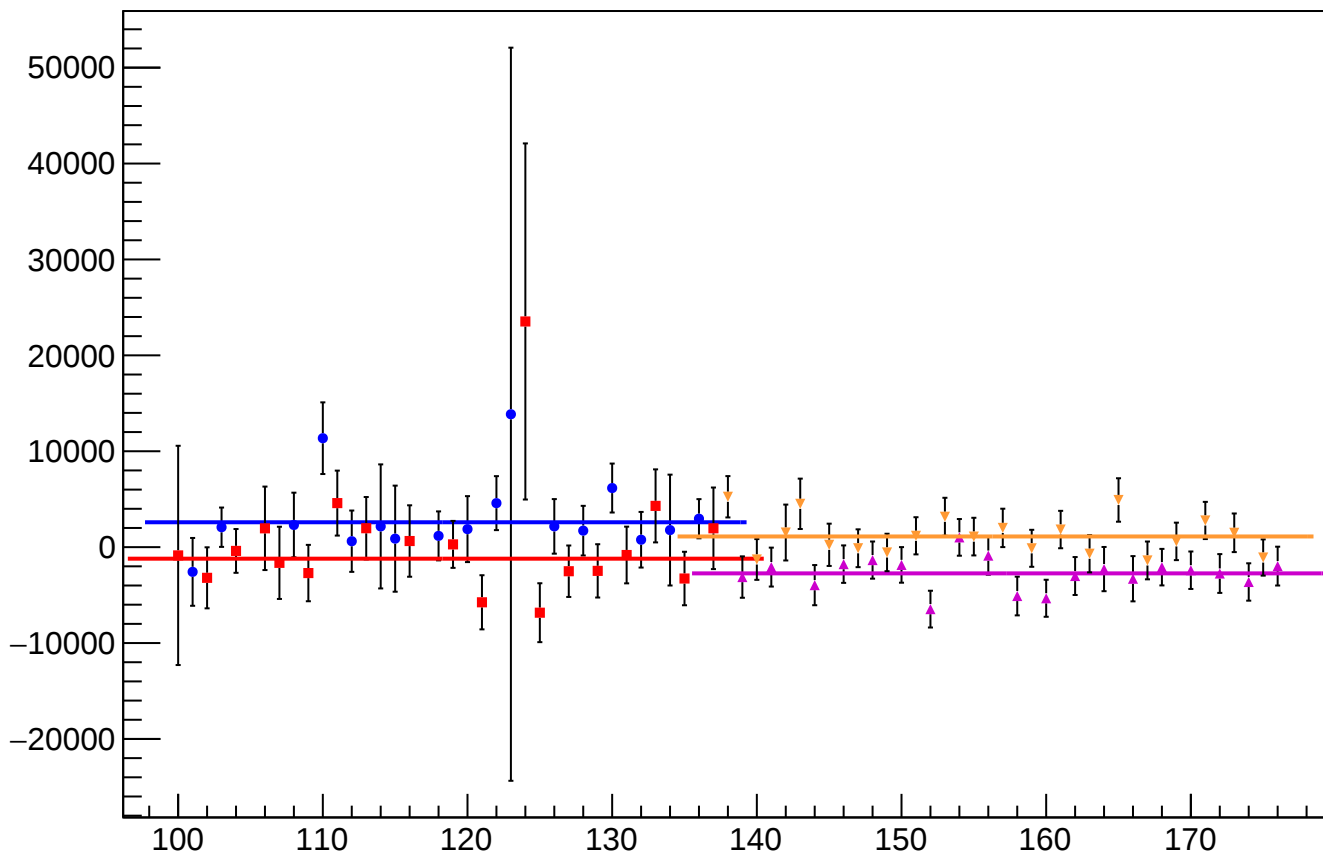
Left In: 2052.975+/-0.379 χ^2/NDF : 129233.4/18

+ sign 2166.330+/-0.335 χ^2/NDF : 1316999.8/36

All: 2148.050+/-0.234 χ^2/NDF : 2274856.4/74

- sign 2130.498+/-0.328 χ^2/NDF : 952003.8/37

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2594.684 $\pm$ 743.000 χ^2 /NDF: 11.7/16

Left Out: 1114.024 $\pm$ 458.417 χ^2 /NDF:17.2/19

Right Out: -1202.548 $\pm$ 739.618 χ^2 /NDF: 17.2/18

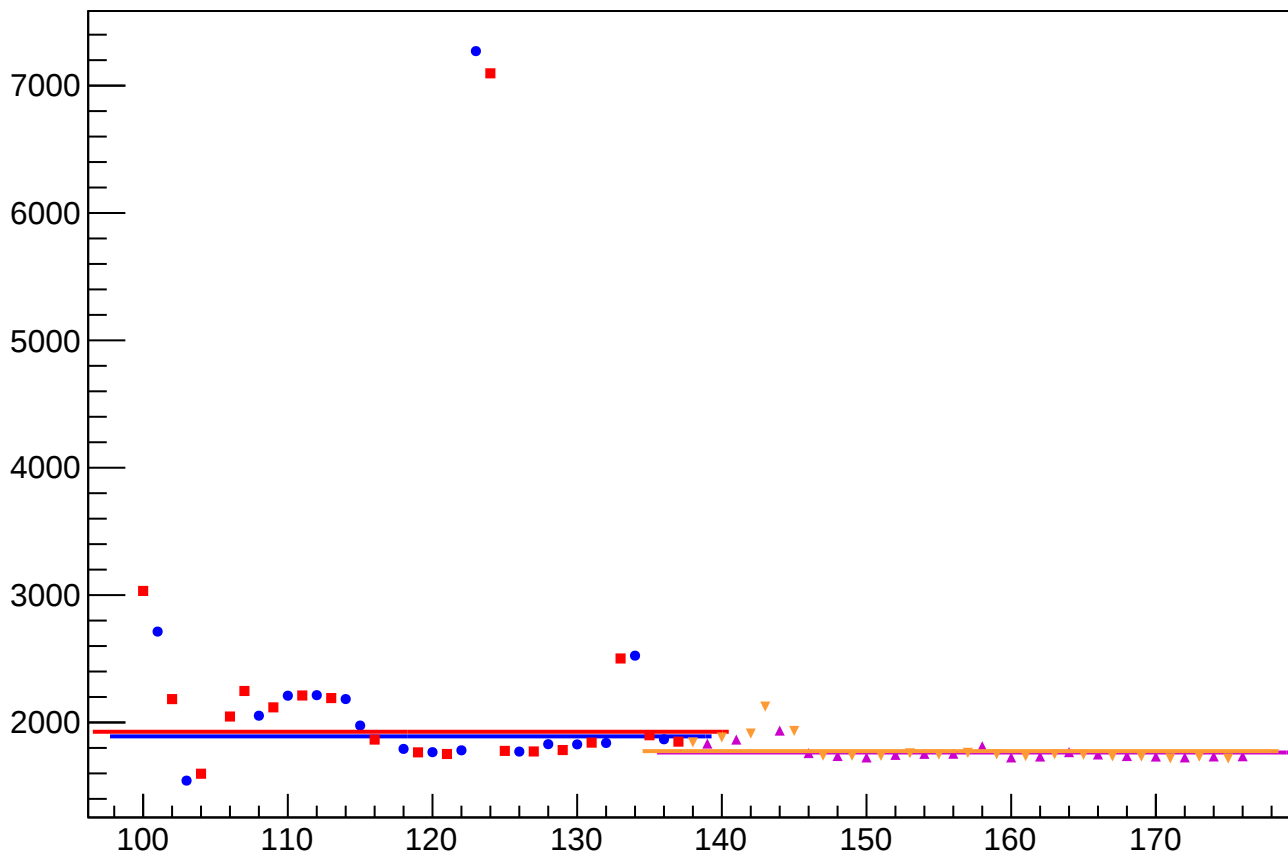
Left In: -2734.401 $\pm$ 459.889 χ^2 /NDF:13.7/18

+ sign 1522.259 $\pm$ 390.136 χ^2 /NDF: 31.8/36

All: -390.495 $\pm$ 276.013 χ^2 /NDF: 114.0/74

- sign -2307.281 $\pm$ 390.547 χ^2 /NDF: 34.1/37

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1890.721+/-0.525 χ^2/NDF : 288944.9/16

Left Out: 1774.920+/-0.324 χ^2/NDF : 68430.7/19

Right Out: 1926.949+/-0.522 χ^2/NDF : 362254.5/18

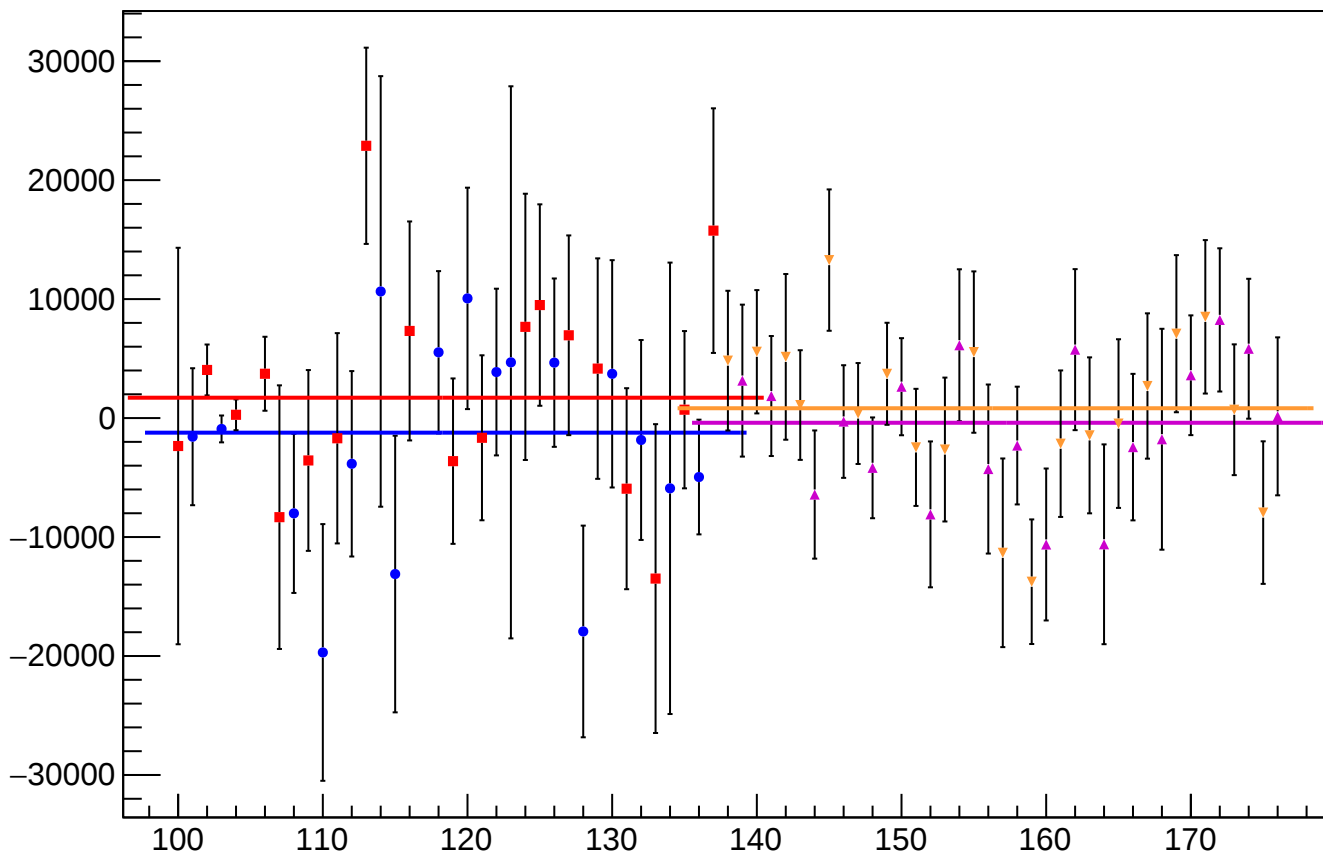
Left In: 1764.106+/-0.325 χ^2/NDF : 27341.9/18

+ sign 1806.848+/-0.276 χ^2/NDF : 392563.6/36

All: 1808.230+/-0.195 χ^2/NDF : 852287.4/74

- sign 1809.614+/-0.276 χ^2/NDF : 459673.6/37

asym_atl1r2_avg_correction_mean vs Slug



Right In: -1226.915 $\pm$ 984.603 χ^2 /NDF: 13.8/16

Left Out: 825.843 $\pm$ 1270.750 χ^2 /NDF:22.9/19

Right Out: 1711.747 $\pm$ 941.580 χ^2 /NDF: 17.8/18

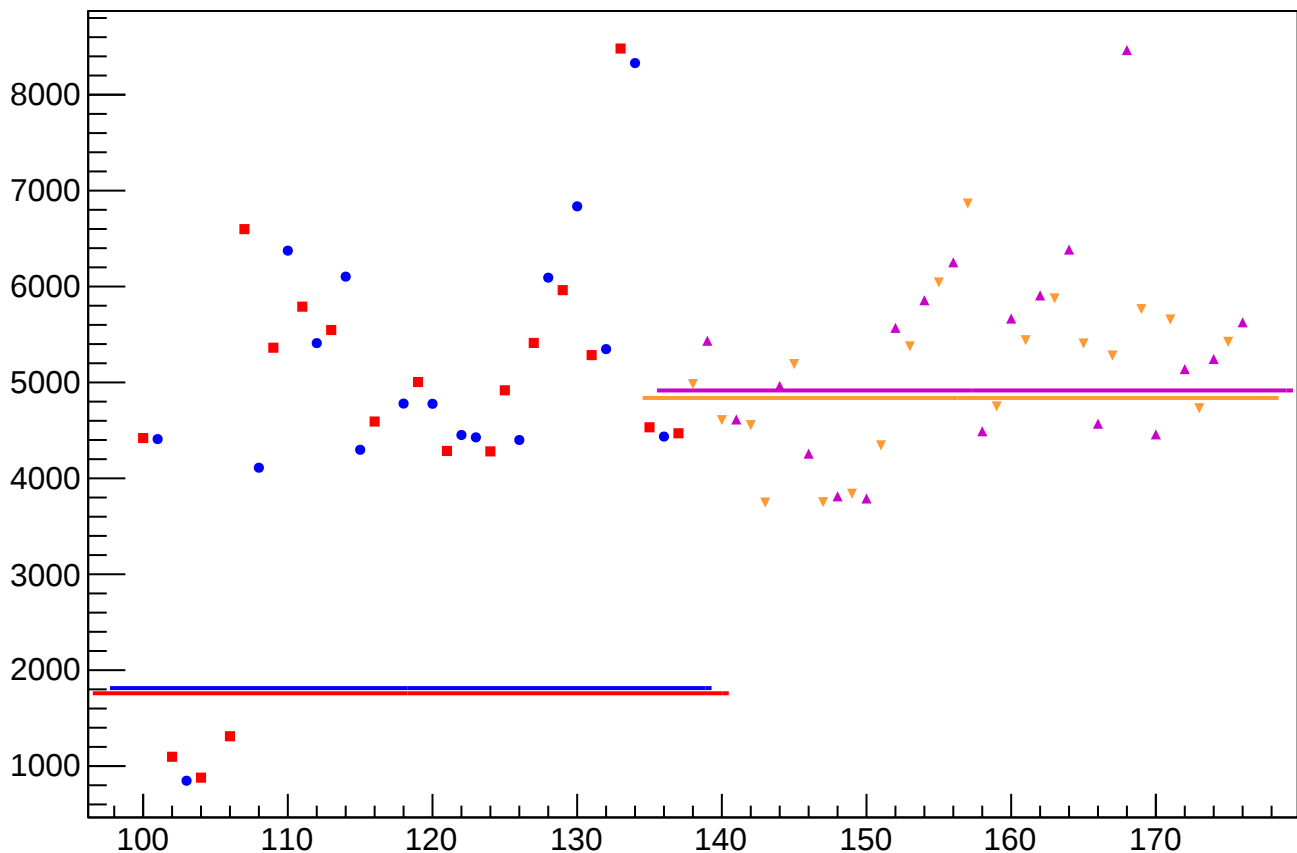
Left In: -395.308 $\pm$ 1304.461 χ^2 /NDF:15.0/18

+ sign -456.853 $\pm$ 778.313 χ^2 /NDF: 38.3/36

All: 280.496 $\pm$ 545.026 χ^2 /NDF: 74.6/74

- sign 989.985 $\pm$ 763.467 χ^2 /NDF: 34.5/37

asym_atl1r2_avg_correction_rms vs Slug



Right In: 1813.195+/-0.696 χ^2/NDF : 6449038.4/16

Left Out: 4838.348+/-0.899 χ^2/NDF : 781764.3/19

Right Out: 1759.135+/-0.666 χ^2/NDF : 6313068.7/18

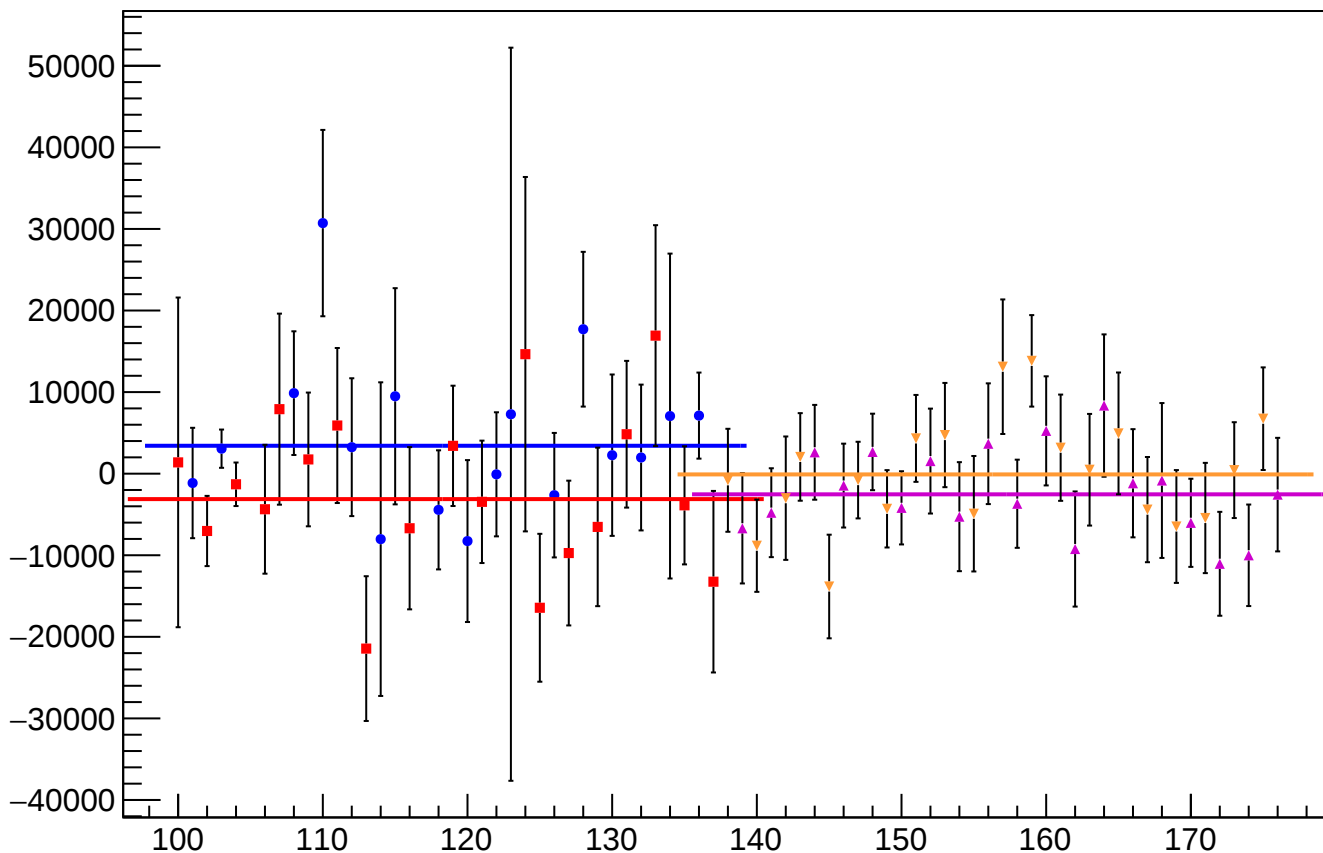
Left In: 4916.450+/-0.922 χ^2/NDF : 977717.3/18

+ sign 2948.037+/-0.550 χ^2/NDF : 14313367.4/36

All: 2893.314+/-0.385 χ^2/NDF : 29326720.8/7

- sign 2840.659+/-0.540 χ^2/NDF : 14993953.0/37

asym_atl1r2_avg_mean vs Slug



Right In: 3421.264+/-1606.678 χ^2/NDF : 13.7/16

Left Out: -90.792+/-1369.296 χ^2/NDF : 22.5/19

Right Out: -3117.857+/-1605.930 χ^2/NDF : 16.0/18

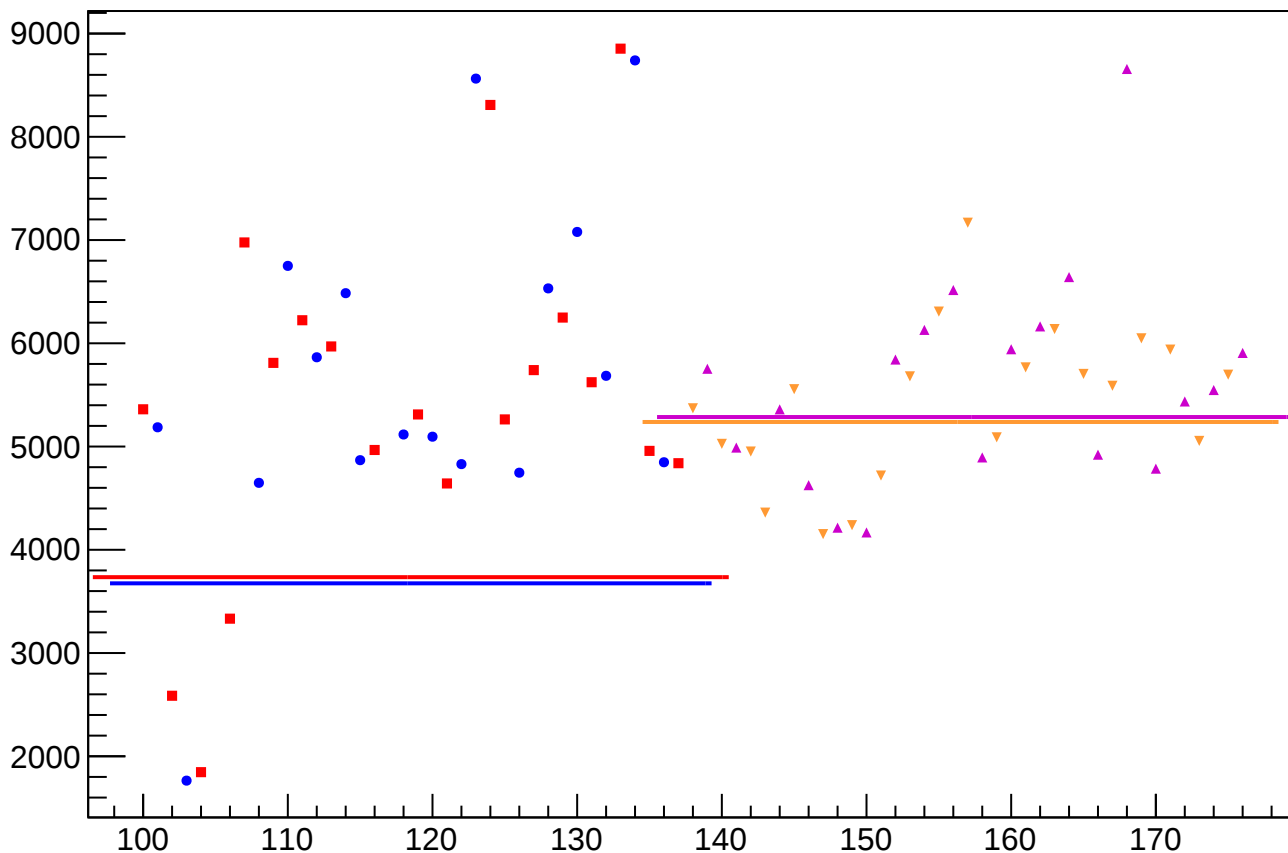
Left In: -2532.640+/-1397.372 χ^2/NDF : 11.6/18

+ sign 1386.864+/-1042.161 χ^2/NDF : 38.9/36

All: -675.076+/-741.128 χ^2/NDF : 74.5/74

- sign -2784.804+/-1054.169 χ^2/NDF : 27.7/37

asym_atl1r2_avg_rms vs Slug



Right In: 3675.003+/-1.136 χ^2/NDF : 2775085.7/16

Left Out: 5237.879+/-0.968 χ^2/NDF : 569034.4/19

Right Out: 3734.796+/-1.128 χ^2/NDF : 2693929.0/18

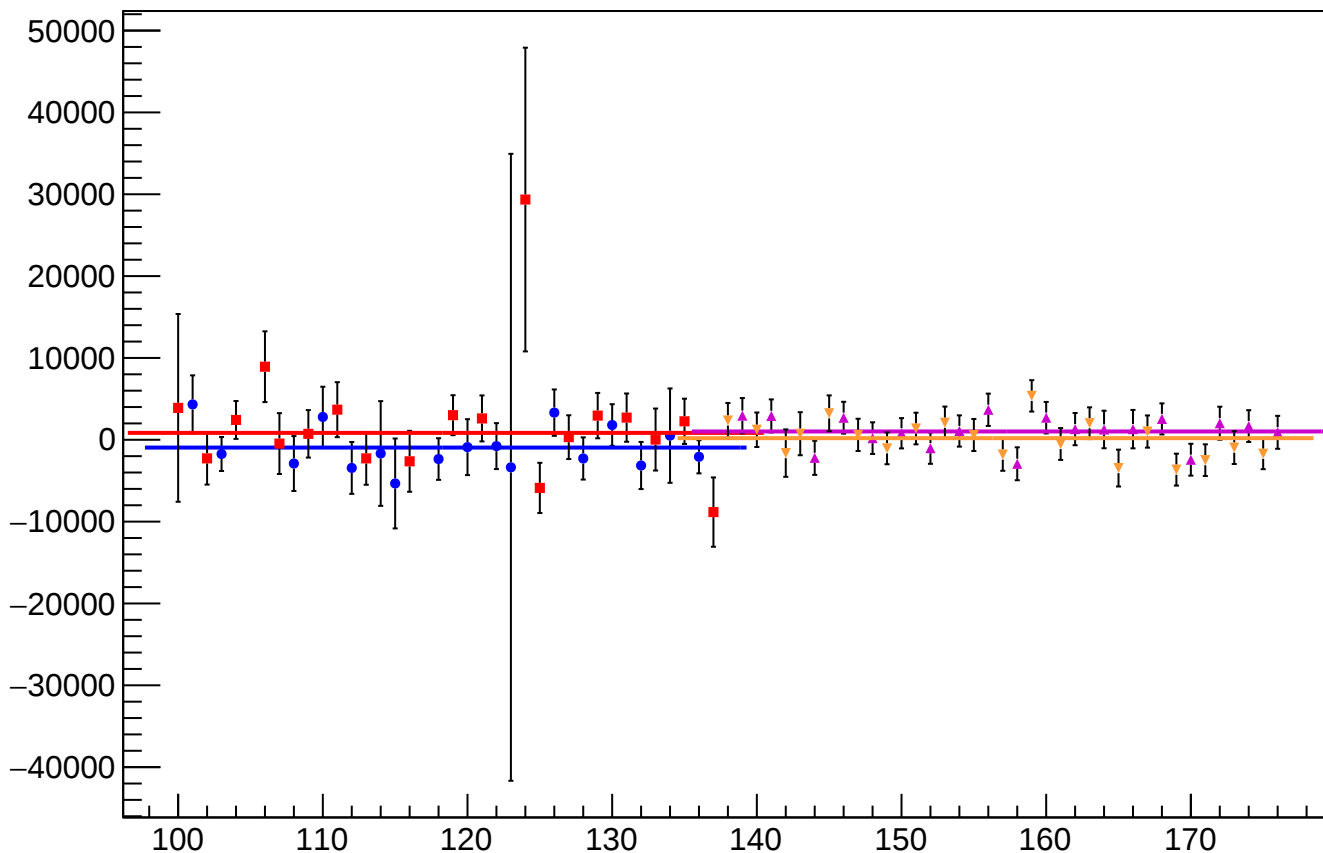
Left In: 5285.797+/-0.988 χ^2/NDF : 784537.7/18

+ sign 4580.317+/-0.737 χ^2/NDF : 4440336.2/36

All: 4596.227+/-0.523 χ^2/NDF : 8989489.8/74

- sign 4612.413+/-0.743 χ^2/NDF : 4548213.3/37

reg_asym_atl1r2_dd_mean vs Slug



Right In: -951.377 ± 740.668 χ^2/NDF : 10.0/16

Left Out: 197.774 ± 456.657 χ^2/NDF : 24.7/19

Right Out: 843.515 ± 737.527 χ^2/NDF : 22.5/18

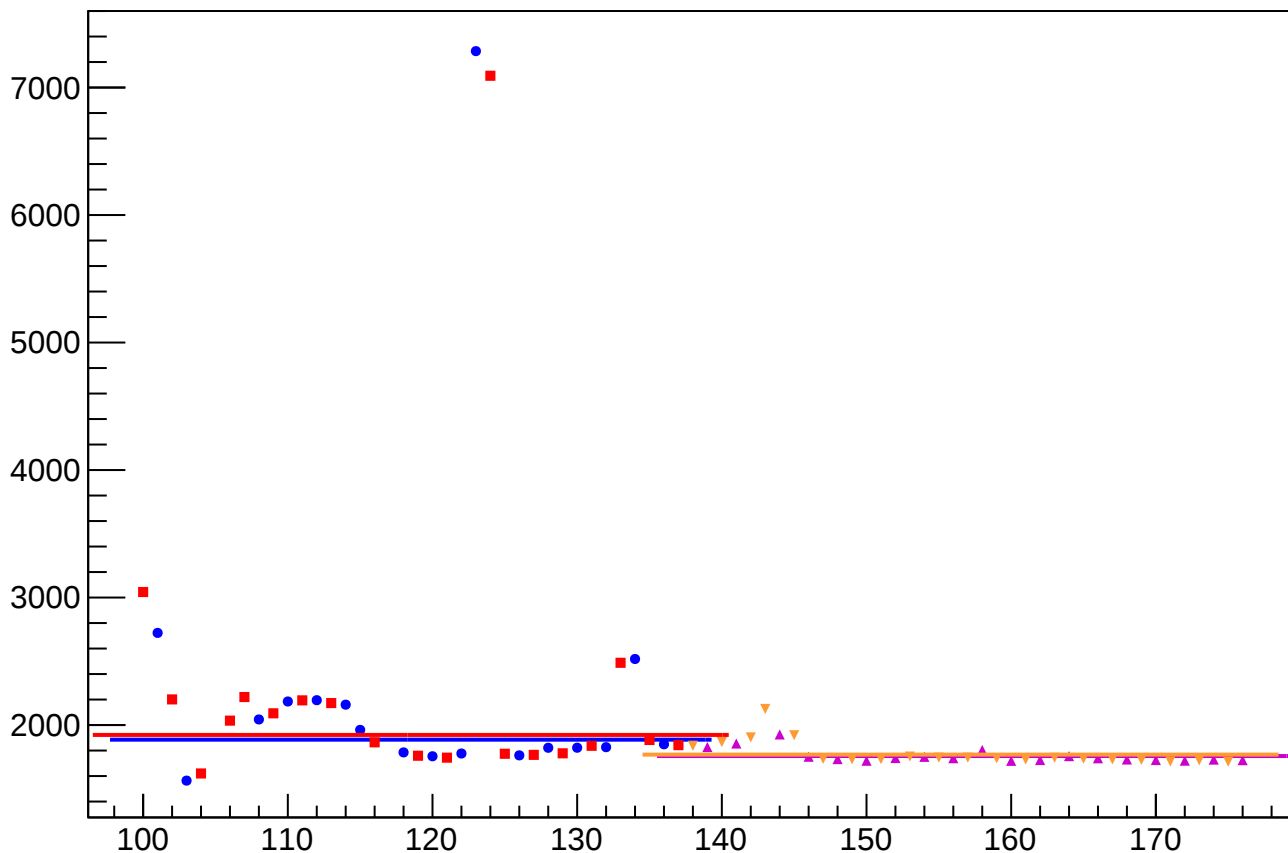
Left In: 1017.322 ± 458.006 χ^2/NDF : 16.8/18

+ sign -118.738 ± 388.714 χ^2/NDF : 36.4/36

All: 424.585 ± 274.994 χ^2/NDF : 79.6/74

- sign 968.949 ± 389.086 χ^2/NDF : 39.4/37

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1885.360+/-0.524 χ^2/NDF : 280429.0/16

Left Out: 1768.160+/-0.323 χ^2/NDF : 68099.1/19

Right Out: 1922.538+/-0.521 χ^2/NDF : 351512.1/18

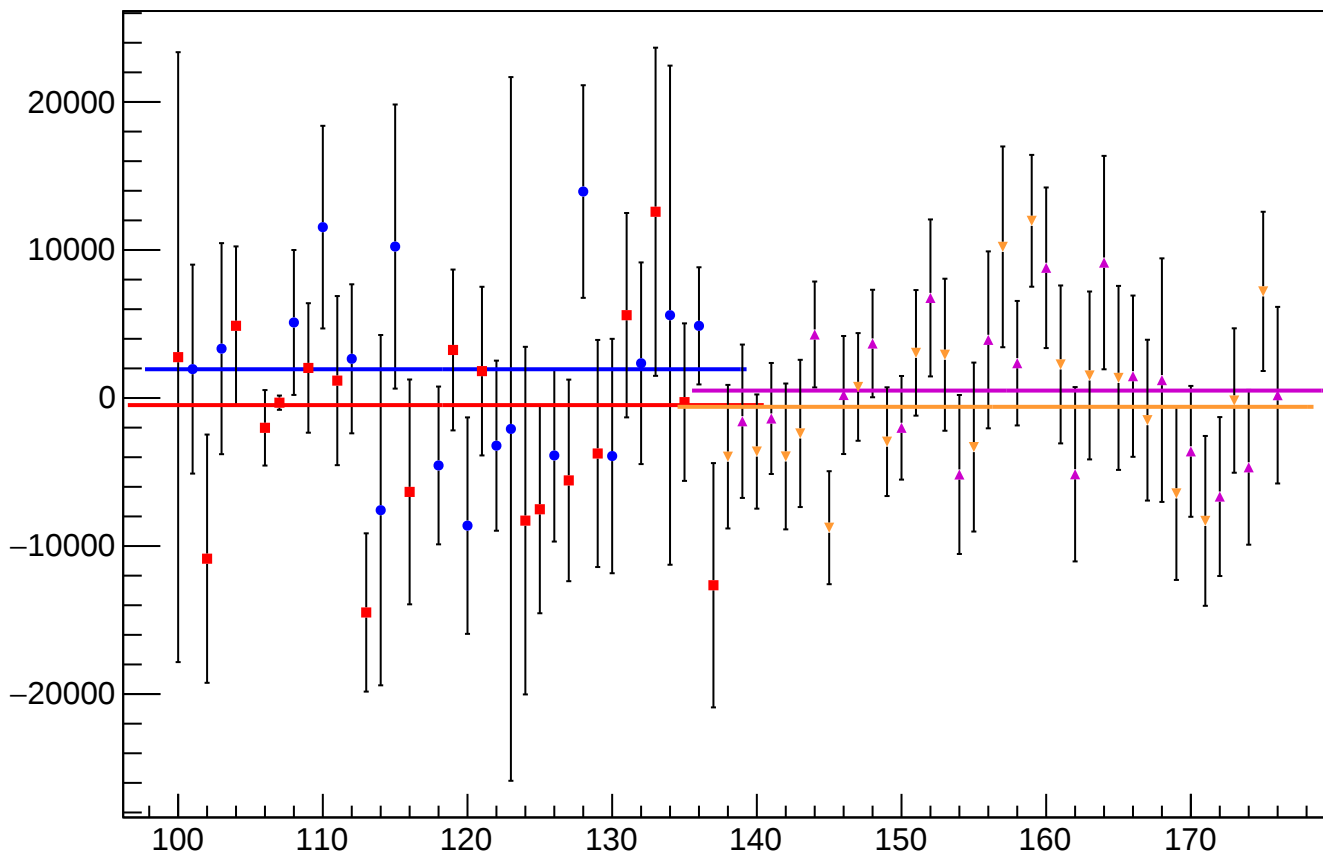
Left In: 1756.912+/-0.324 χ^2/NDF : 26517.7/18

+ sign 1800.440+/-0.275 χ^2/NDF : 384812.5/36

All: 1801.776+/-0.194 χ^2/NDF : 835845.1/74

- sign 1803.112+/-0.275 χ^2/NDF : 450985.3/37

asym_atl1r2_dd_correction_mean vs Slug



Right In: 1943.178 ± 1581.060 χ^2/NDF : 13.2/16

Left Out: -595.477 ± 1073.144 χ^2/NDF : 24.2/19

Right Out: -478.828 ± 453.684 χ^2/NDF : 18.1/18

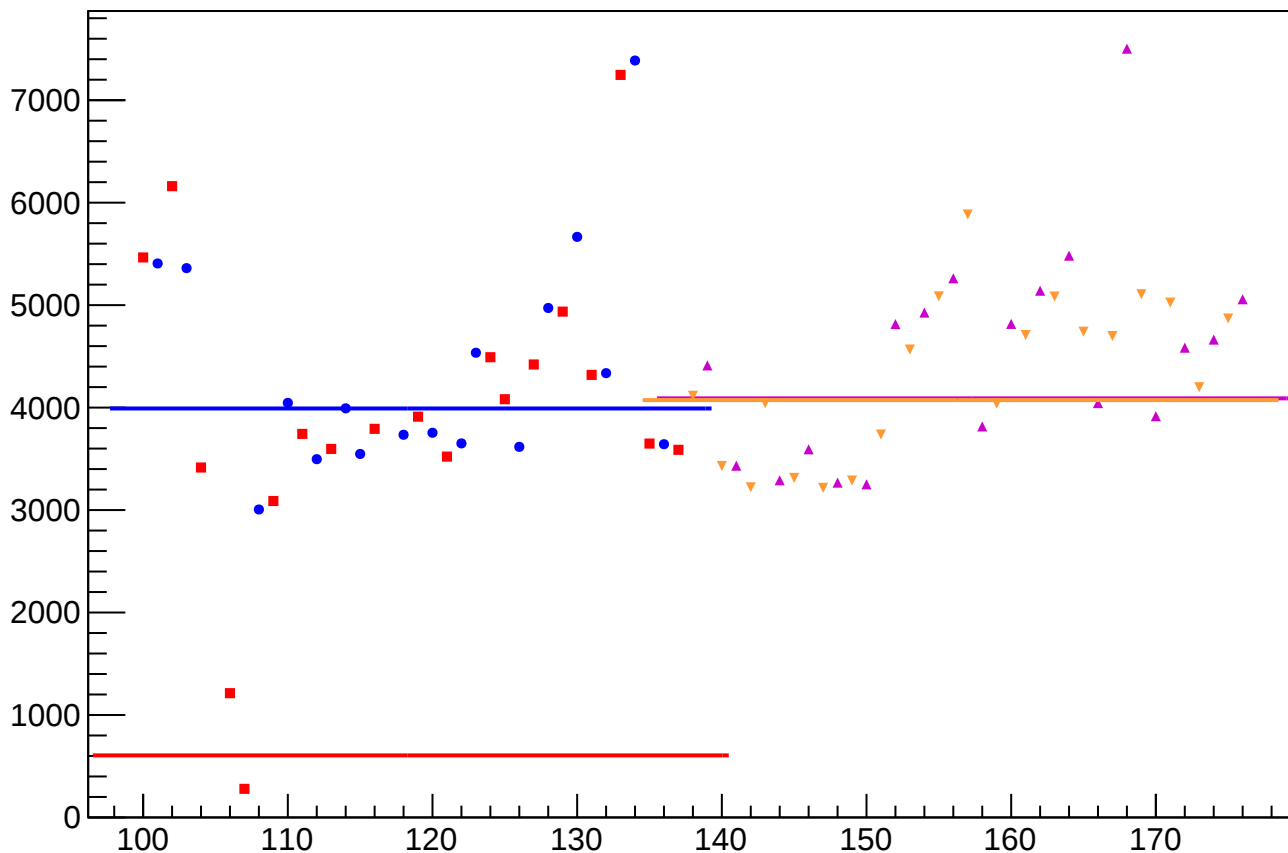
Left In: 502.311 ± 1089.364 χ^2/NDF : 14.2/18

+ sign 205.208 ± 887.927 χ^2/NDF : 39.2/36

All: -235.712 ± 378.793 χ^2/NDF : 72.4/74

- sign -333.808 ± 418.815 χ^2/NDF : 33.0/37

asym_atl1r2_dd_correction_rms vs Slug



Right In: 3991.416+/-1.118 χ^2/NDF : 510782.7/16

Left Out: 4073.235+/-0.759 χ^2/NDF : 937706.0/19

Right Out: 605.731+/-0.321 χ^2/NDF : 10246585.0/18

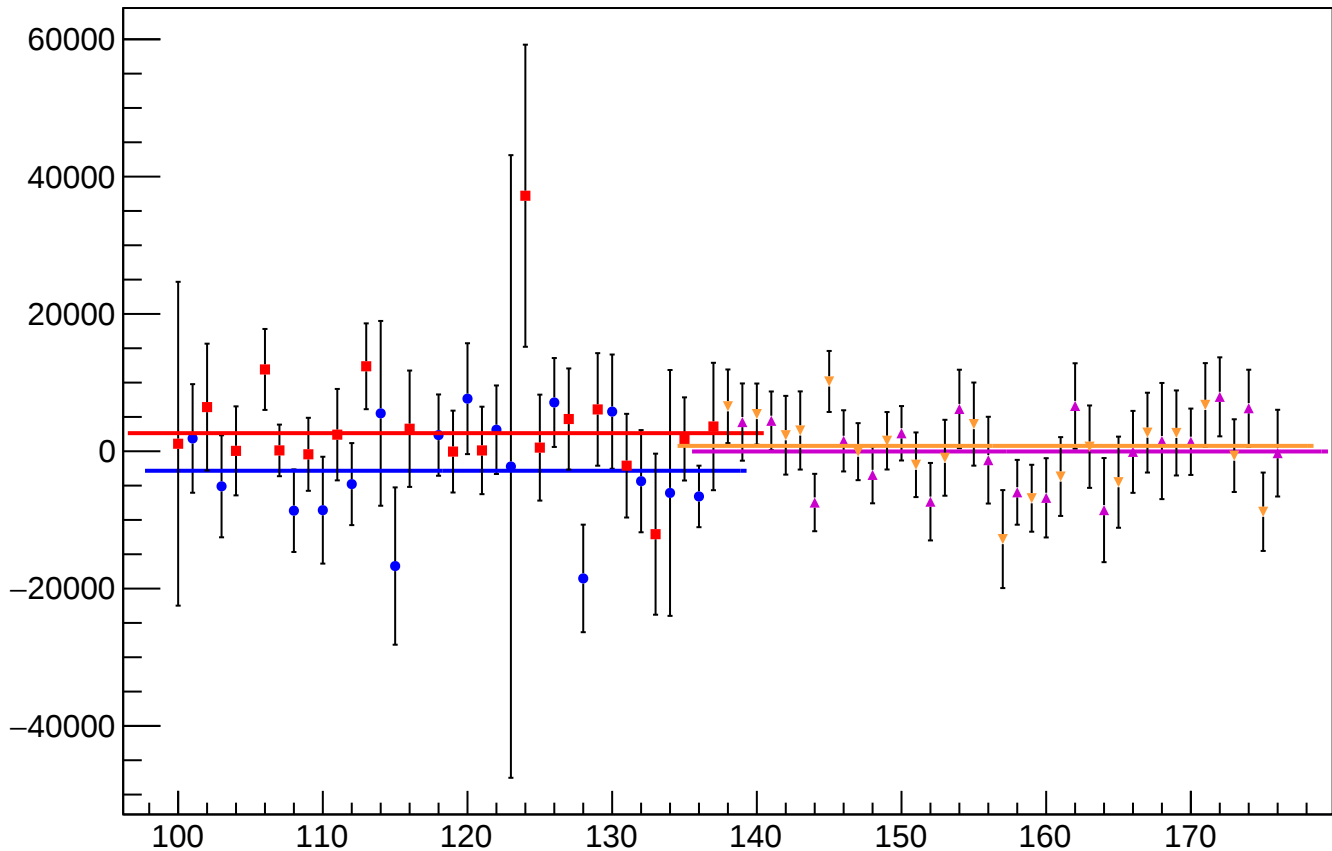
Left In: 4090.076+/-0.770 χ^2/NDF : 1204062.1/18

+ sign 4047.430+/-0.628 χ^2/NDF : 1452155.5/36

All: 1653.375+/-0.268 χ^2/NDF : 48113466.4/7

- sign 1120.746+/-0.296 χ^2/NDF : 28887315.6/37

asym_atl1r2_dd_mean vs Slug



Right In: -2839.599 ± 1786.019 χ^2/NDF : 15.4/16

Left Out: 786.410 ± 1187.493 χ^2/NDF : 19.1/19

Right Out: 2637.071 ± 1575.105 χ^2/NDF : 11.2/18

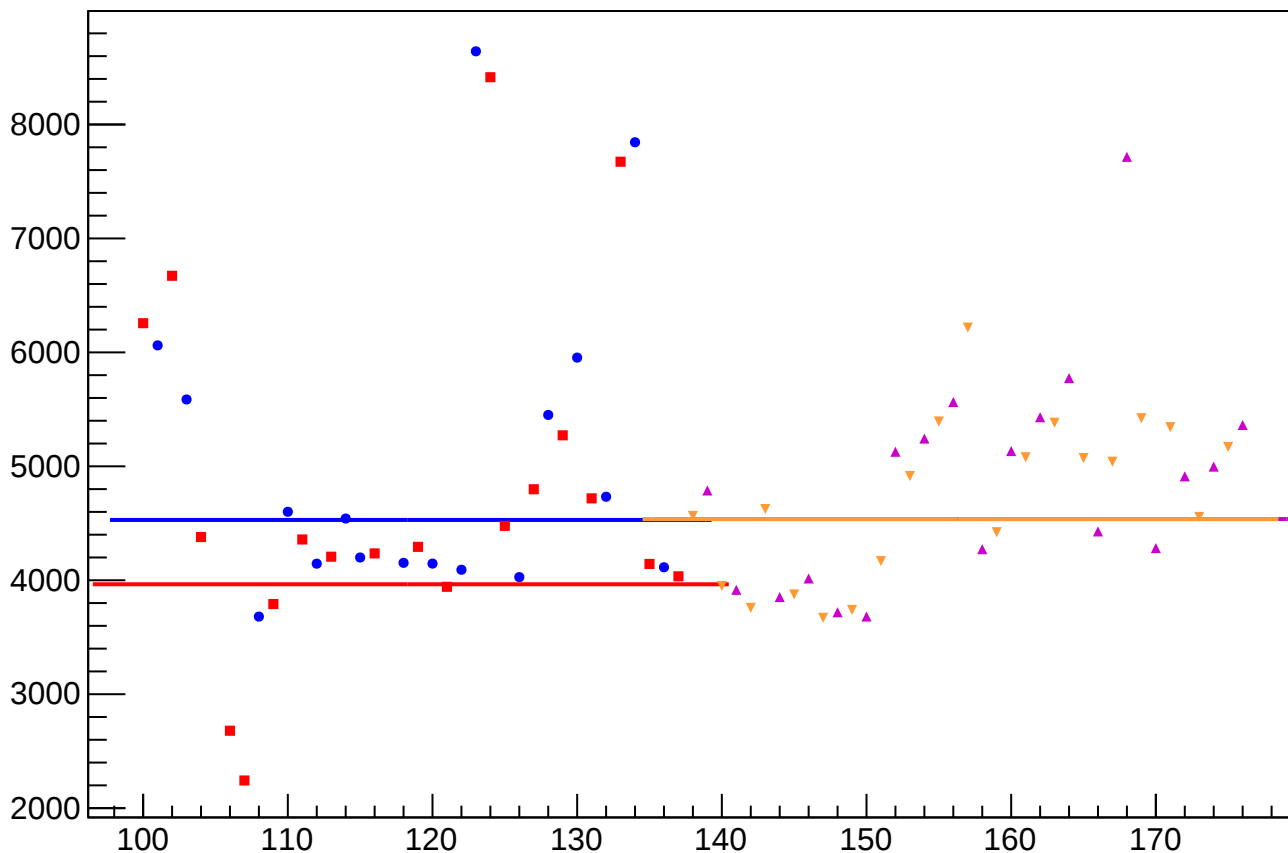
Left In: -32.390 ± 1201.022 χ^2/NDF : 17.6/18

+ sign -325.150 ± 988.868 χ^2/NDF : 37.4/36

All: 334.104 ± 686.969 χ^2/NDF : 68.9/74

- sign 949.046 ± 955.056 χ^2/NDF : 30.6/37

asym_atl1r2_dd_rms vs Slug



Right In: 4529.462+/-1.263 χ^2/NDF : 389326.2/16

Left Out: 4537.291+/-0.840 χ^2/NDF : 636286.4/19

Right Out: 3964.829+/-1.107 χ^2/NDF : 1140409.6/18

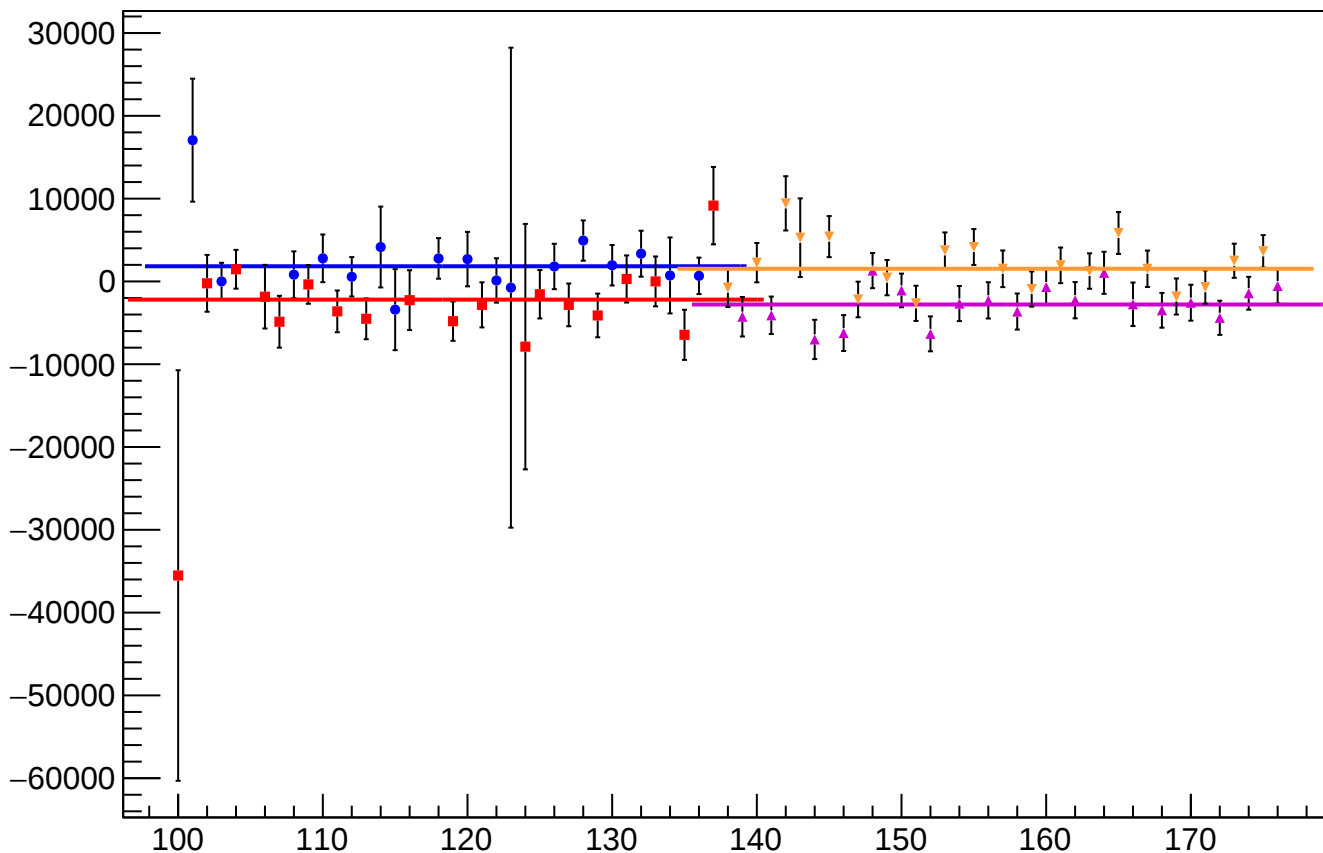
Left In: 4537.268+/-0.849 χ^2/NDF : 870809.0/18

+ sign 4534.891+/-0.699 χ^2/NDF : 1025639.2/36

All: 4426.100+/-0.485 χ^2/NDF : 3251936.5/74

- sign 4325.100+/-0.674 χ^2/NDF : 2179617.0/37

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1830.102+/-711.335 χ^2/NDF : 9.7/16

Left Out: 1530.881+/-505.270 χ^2/NDF : 28.8/19

Right Out: -2198.063+/-684.205 χ^2/NDF : 18.3/18

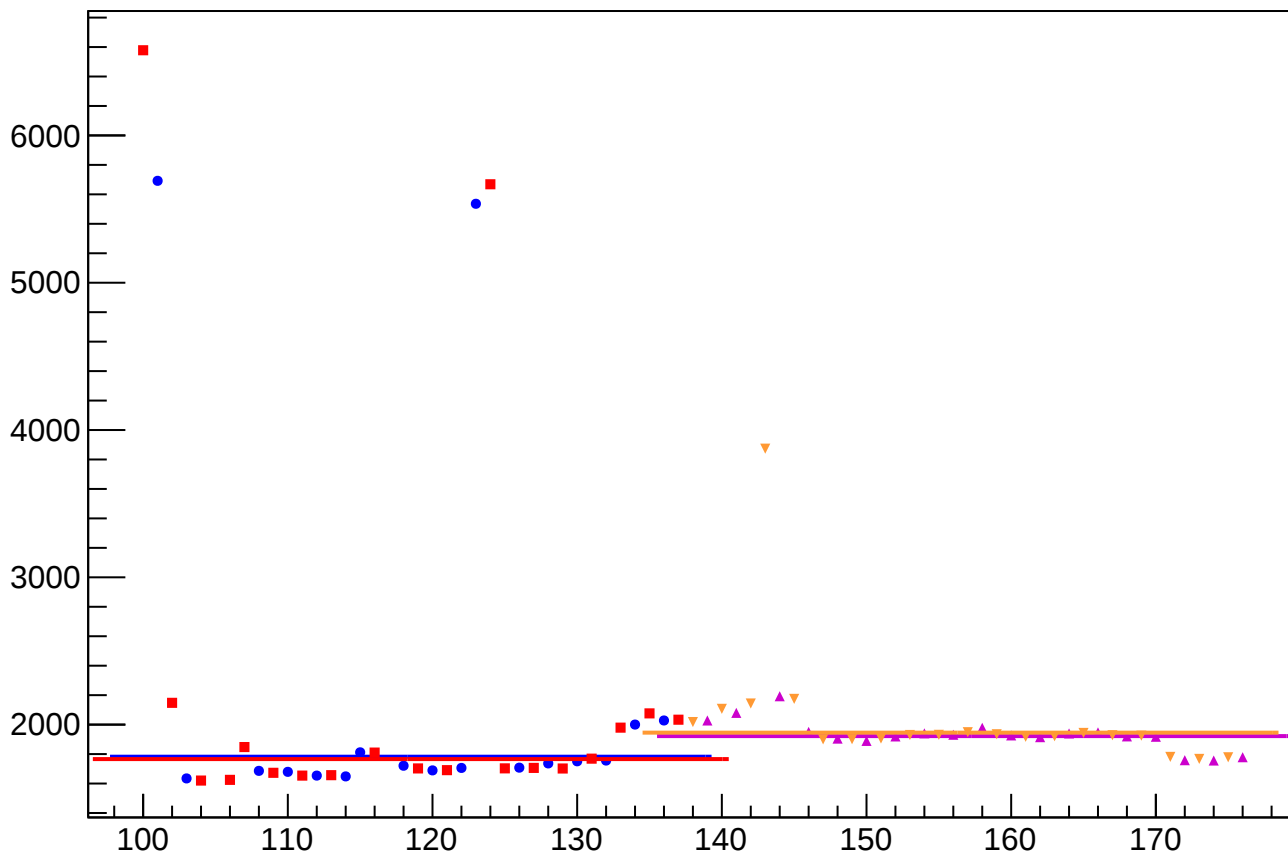
Left In: -2785.900+/-501.629 χ^2/NDF : 19.5/18

+ sign 1631.223+/-411.928 χ^2/NDF : 38.6/36

All: -512.634+/-288.633 χ^2/NDF : 130.1/74

- sign -2580.392+/-404.551 χ^2/NDF : 38.3/37

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1782.137 $\pm$ 0.503 χ^2 /NDF: 645188.8/16

Left Out: 1945.504 $\pm$ 0.357 χ^2 /NDF: 411098.1/19

Right Out: 1765.967 $\pm$ 0.480 χ^2 /NDF: 306798.2/18

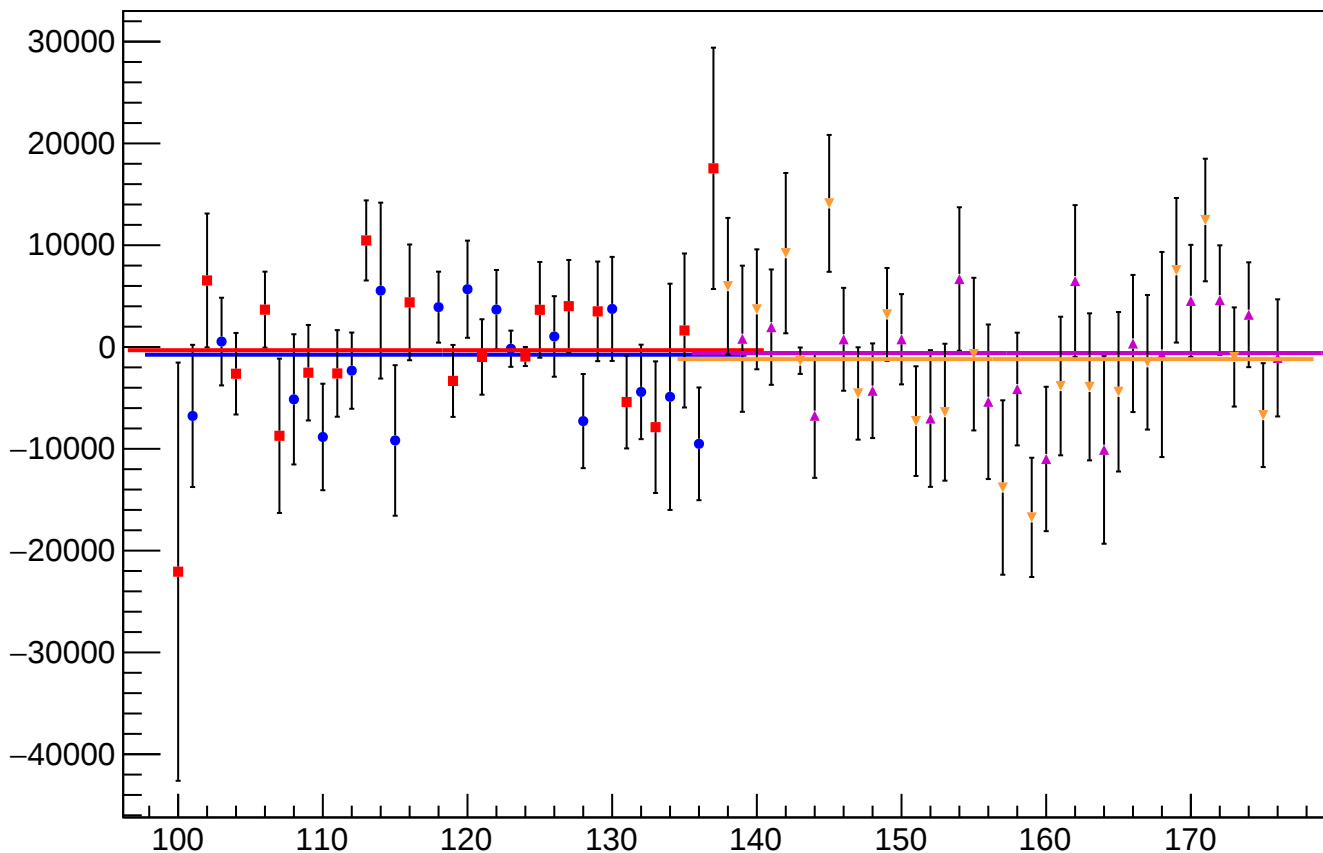
Left In: 1922.067 $\pm$ 0.355 χ^2 /NDF: 78634.7/18

+ sign 1890.720 $\pm$ 0.291 χ^2 /NDF: 1126401.5/36

All: 1878.620 $\pm$ 0.204 χ^2 /NDF: 1583531.3/74

- sign 1867.006 $\pm$ 0.285 χ^2 /NDF: 453747.8/37

asym_atr1l2_avg_correction_mean vs Slug



Right In: -753.428+/-1008.523 χ^2/NDF : 16.9/16

Left Out: -1188.884+/-951.852 χ^2/NDF : 29.6/19

Right Out: -311.405+/-725.132 χ^2/NDF : 22.0/18

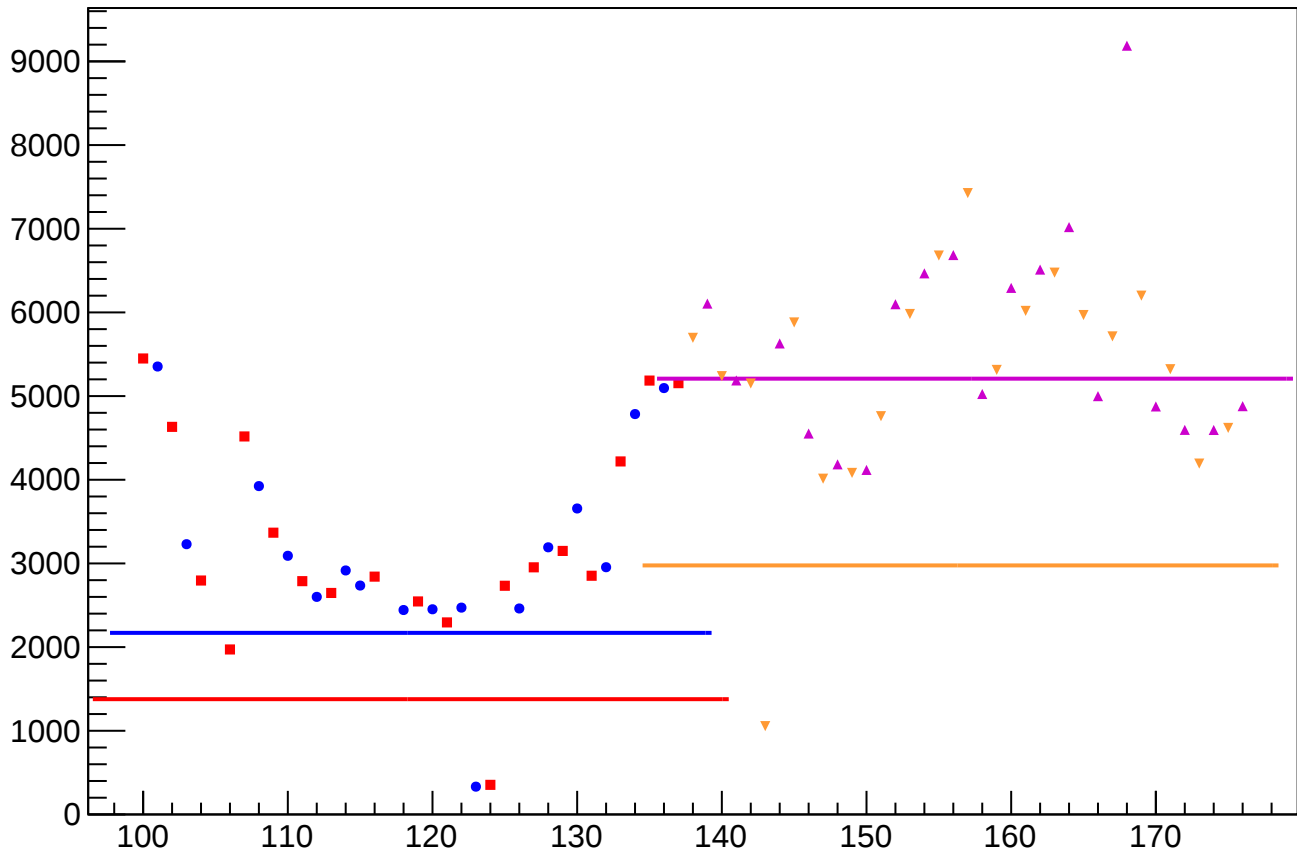
Left In: -587.535+/-1382.960 χ^2/NDF : 11.3/18

+ sign -983.734+/-692.229 χ^2/NDF : 46.7/36

All: -654.403+/-470.800 χ^2/NDF : 80.4/74

- sign -370.950+/-642.206 χ^2/NDF : 33.3/37

asym_atr1l2_avg_correction_rms vs Slug



Right In: 2170.242 $\pm$ 0.713 χ^2 /NDF: 3973725.5/16

Left Out: 2976.269 $\pm$ 0.673 χ^2 /NDF:10260757.0/19

Right Out: 1377.716 $\pm$ 0.513 χ^2 /NDF: 6847297.6/18

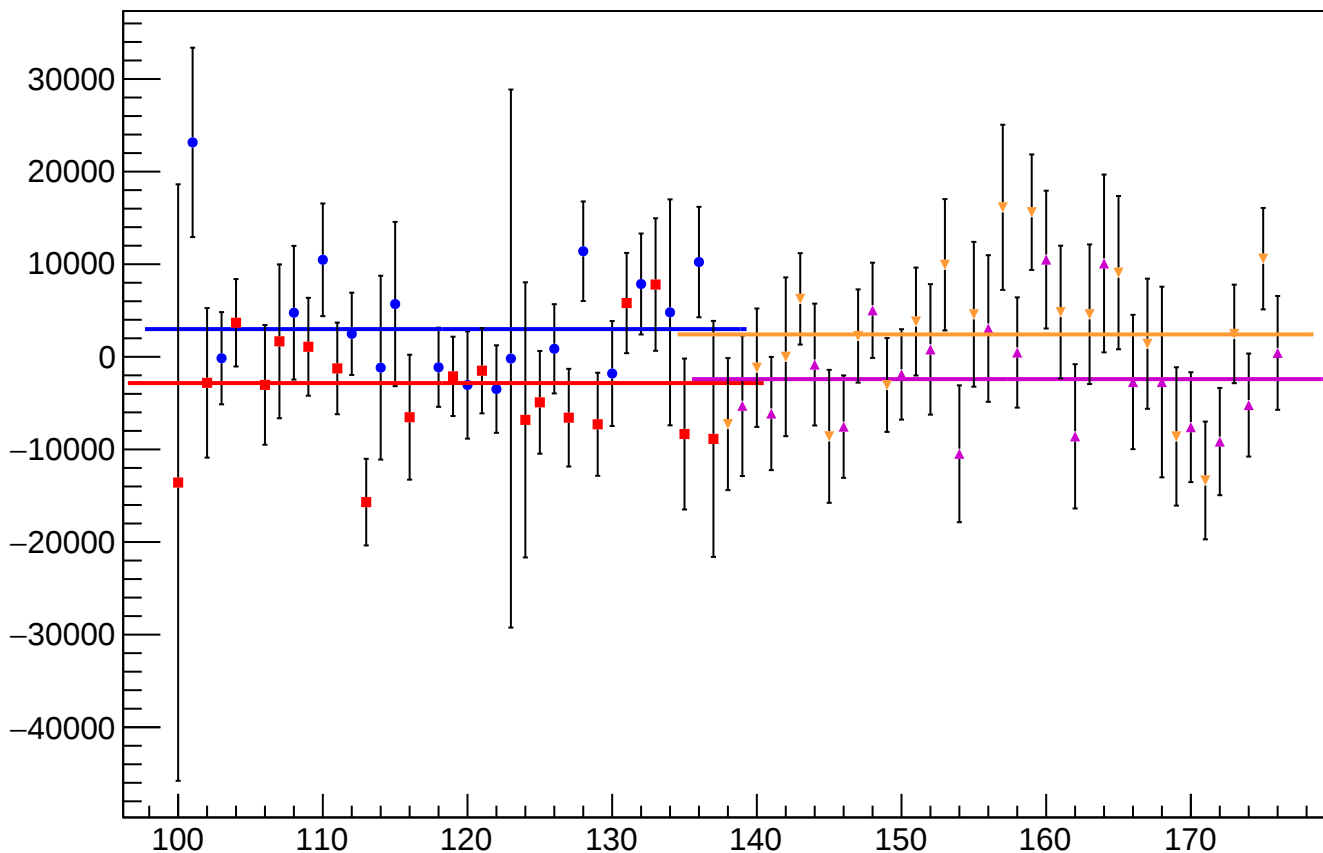
Left In: 5208.189 $\pm$ 0.978 χ^2 /NDF:1036185.2/18

+ sign 2596.537 $\pm$ 0.489 χ^2 /NDF: 14910126.2/36

All: 2385.424 $\pm$ 0.333 χ^2 /NDF: 35174314.9/7

- sign 2203.721 $\pm$ 0.454 χ^2 /NDF: 19918063.7/37

asym_atr1l2_avg_mean vs Slug



Right In: 2992.806 $\pm$ 1447.211 χ^2 /NDF: 15.7/16

Left Out: 2420.604 $\pm$ 1437.668 χ^2 /NDF: 25.9/19

Right Out: -2833.408 $\pm$ 1379.110 χ^2 /NDF: 17.7/18

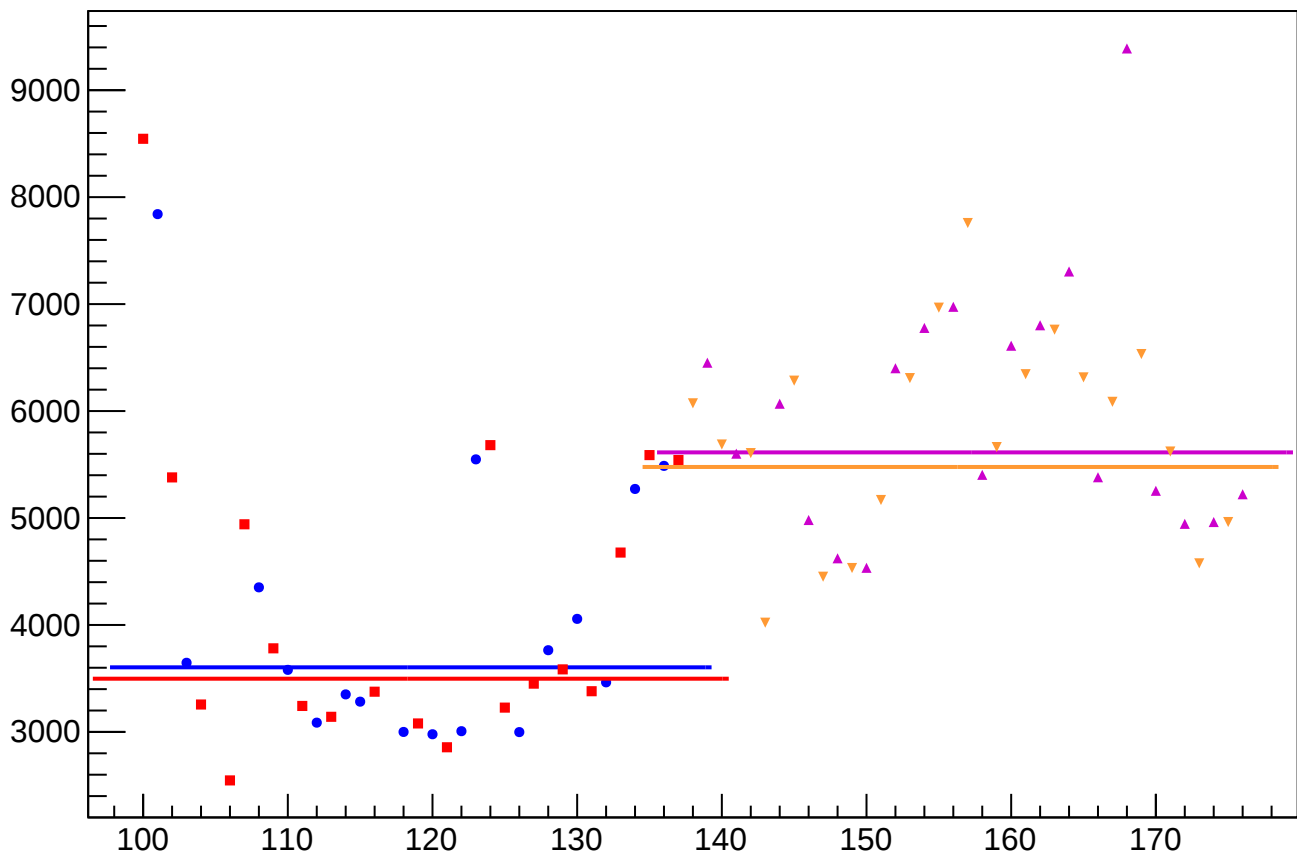
Left In: -2406.599 $\pm$ 1485.452 χ^2 /NDF: 13.6/18

+ sign 2704.813 $\pm$ 1019.942 χ^2 /NDF: 41.7/36

All: 10.144 $\pm$ 717.912 χ^2 /NDF: 86.8/74

- sign -2635.826 $\pm$ 1010.684 χ^2 /NDF: 31.3/37

asym_atr1l2_avg_rms vs Slug



Right In: 3603.930 ± 1.023 $\chi^2/\text{NDF}: 784674.5/16$

Left Out: 5477.215 ± 1.017 $\chi^2/\text{NDF}: 845673.3/19$

Right Out: 3497.586 ± 0.962 $\chi^2/\text{NDF}: 661898.6/18$

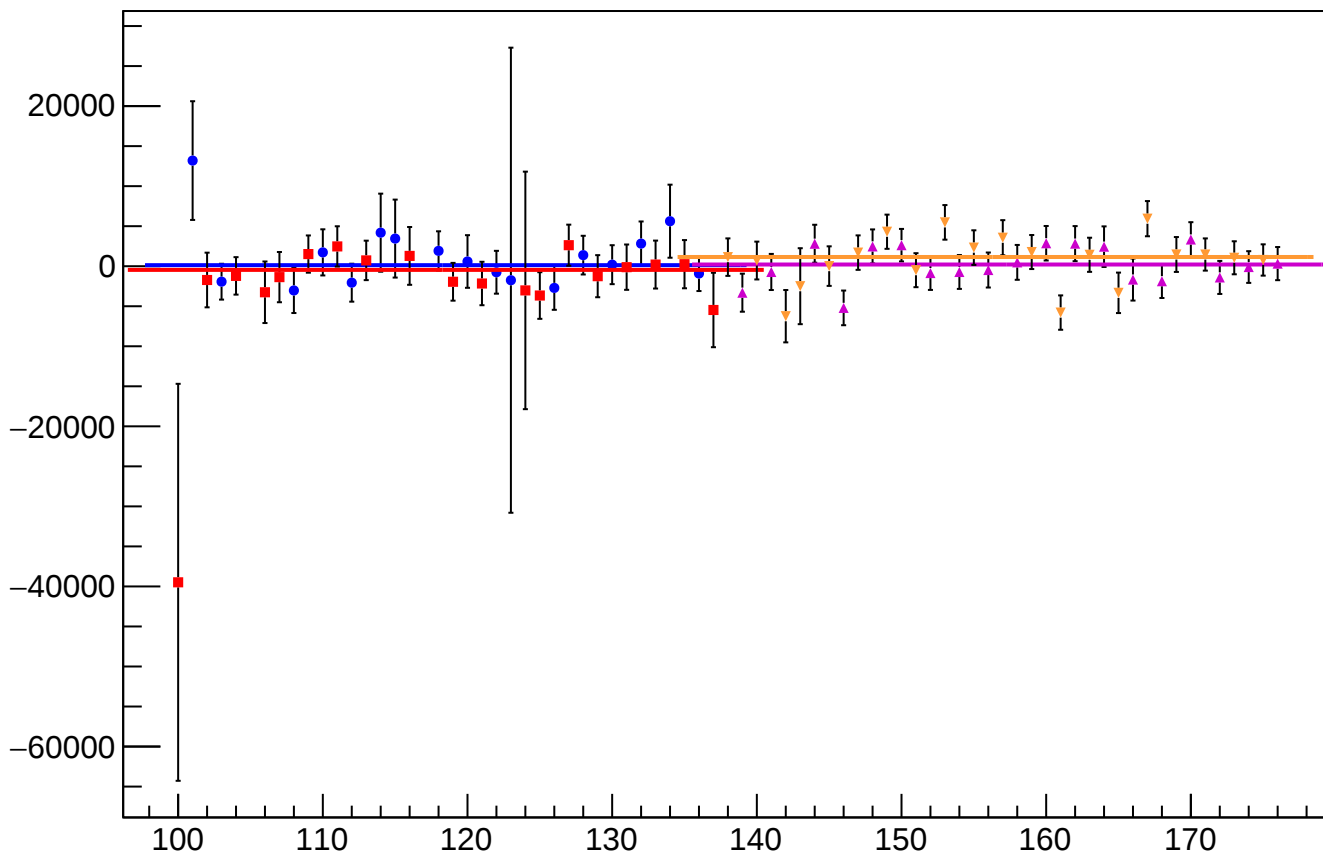
Left In: 5613.527 ± 1.050 $\chi^2/\text{NDF}: 853402.1/18$

+ sign 4546.763 ± 0.721 $\chi^2/\text{NDF}: 3316941.8/36$

All: 4503.881 ± 0.506 $\chi^2/\text{NDF}: 7046885.8/74$

- sign 4462.405 ± 0.709 $\chi^2/\text{NDF}: 3722989.2/37$

reg_asym_atr1l2_dd_mean vs Slug



Right In: 130.913 $\pm$ 709.207 χ^2 /NDF: 12.2/16

Left Out: 1152.340 $\pm$ 504.280 χ^2 /NDF:32.8/19

Right Out: -459.034 $\pm$ 681.841 χ^2 /NDF: 10.7/18

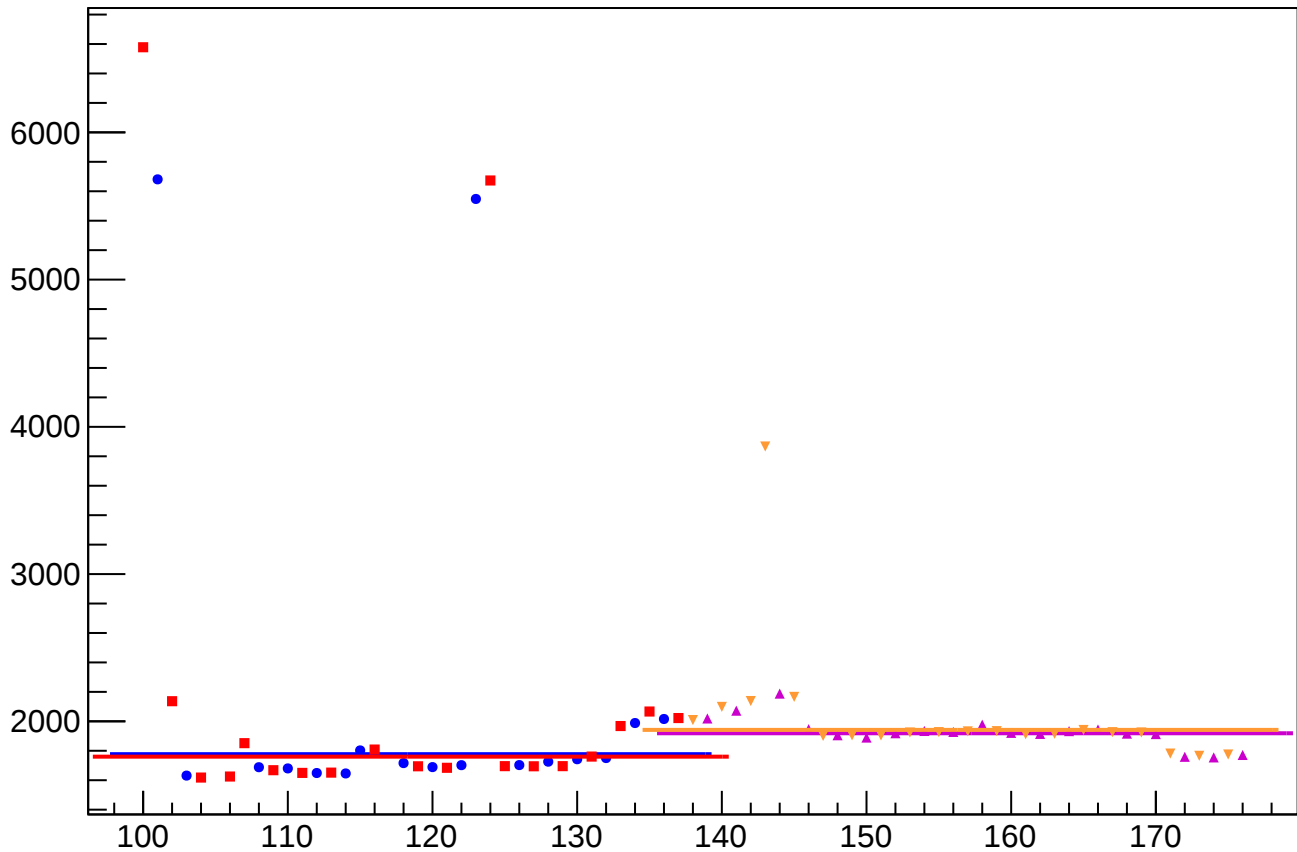
Left In: 212.723 $\pm$ 500.786 χ^2 /NDF:20.9/18

+ sign 809.337 $\pm$ 410.978 χ^2 /NDF: 46.4/36

All: 385.819 $\pm$ 287.968 χ^2 /NDF: 80.7/74

- sign -22.667 $\pm$ 403.619 χ^2 /NDF: 32.2/37

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1776.879 ± 0.501 $\chi^2/\text{NDF}: 643576.8/16$

Left Out: 1941.850 ± 0.357 $\chi^2/\text{NDF}: 408234.3/19$

Right Out: 1759.990 ± 0.479 $\chi^2/\text{NDF}: 306154.6/18$

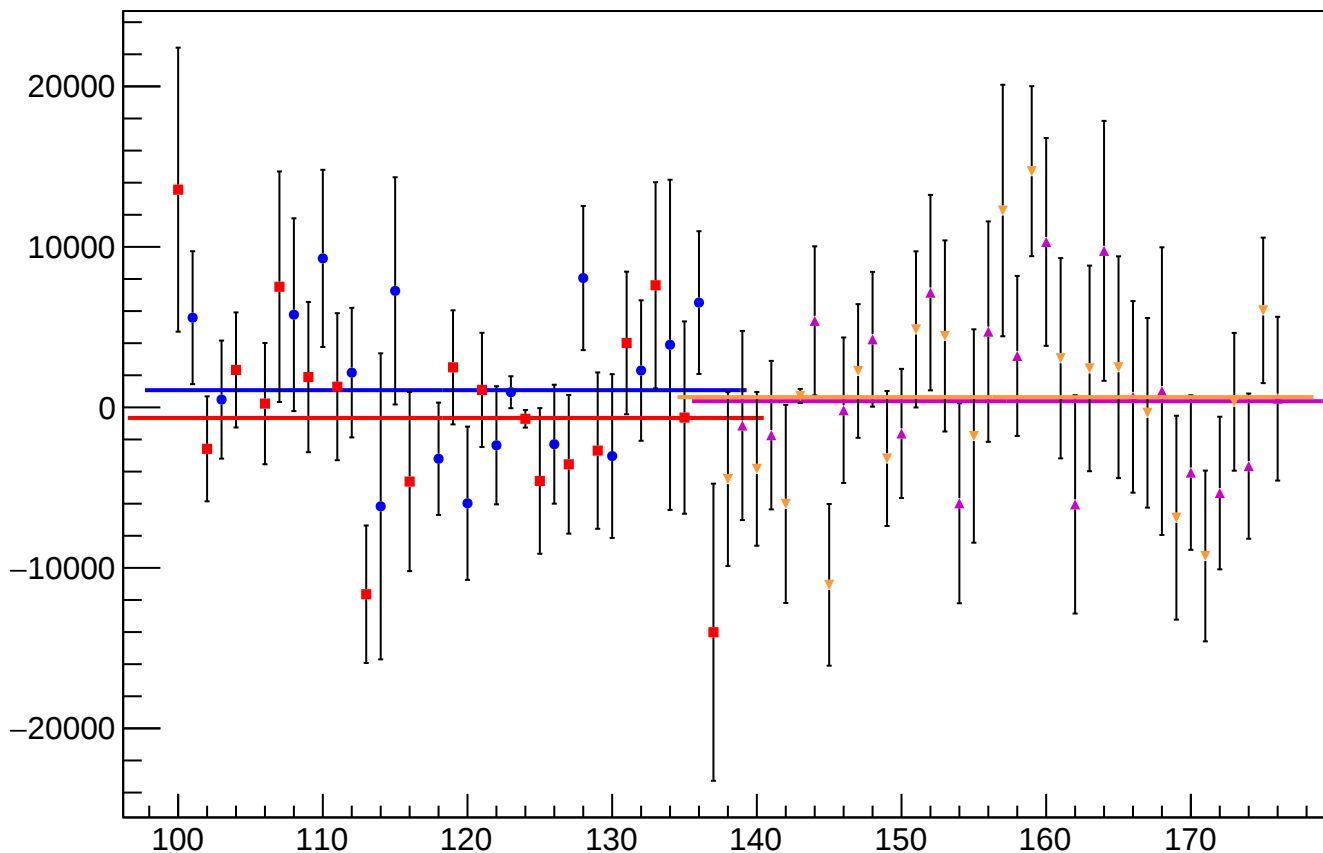
Left In: 1918.895 ± 0.354 $\chi^2/\text{NDF}: 77251.9/18$

+ sign 1886.452 ± 0.291 $\chi^2/\text{NDF}: 1123689.1/36$

All: 1874.342 ± 0.203 $\chi^2/\text{NDF}: 1581688.3/74$

- sign 1862.718 ± 0.285 $\chi^2/\text{NDF}: 454596.1/37$

asym_atr1l2_dd_correction_mean vs Slug



Right In: 1072.194+/-752.280 χ^2/NDF : 15.6/16

Left Out: 639.614+/-413.223 χ^2/NDF : 26.5/19

Right Out: -658.759+/-488.034 χ^2/NDF : 19.8/18

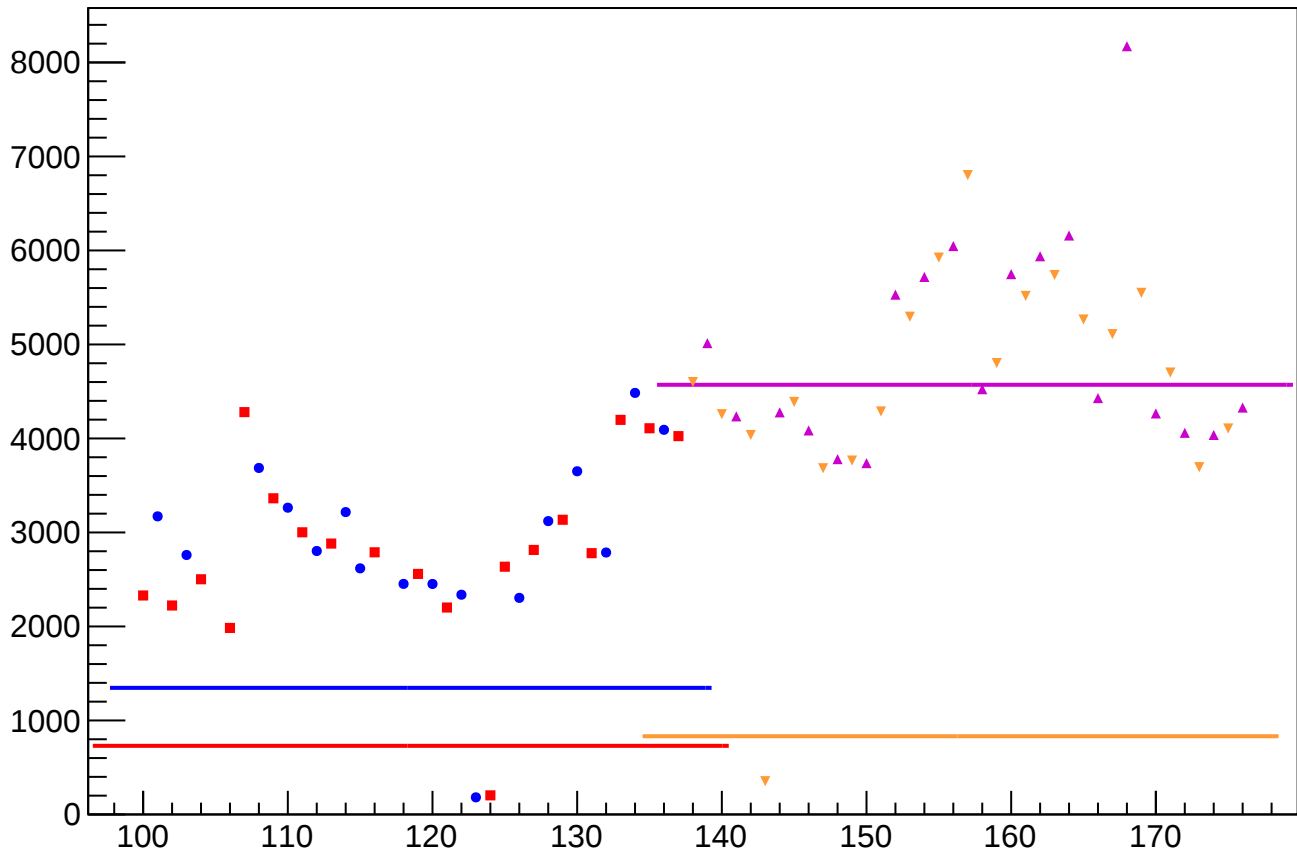
Left In: 385.676+/-1213.527 χ^2/NDF : 13.2/18

+ sign 739.881+/-362.181 χ^2/NDF : 42.3/36

All: 250.897+/-282.831 χ^2/NDF : 80.6/74

- sign -513.355+/-452.790 χ^2/NDF : 33.7/37

asym_atr1l2_dd_correction_rms vs Slug



Right In: 1346.836 $\pm$ 0.532 χ^2 /NDF: 6839112.6/16

Left Out: 832.044 $\pm$ 0.292 χ^2 /NDF: 21668456.2/19

Right Out: 730.119 $\pm$ 0.345 χ^2 /NDF: 9503127.2/18

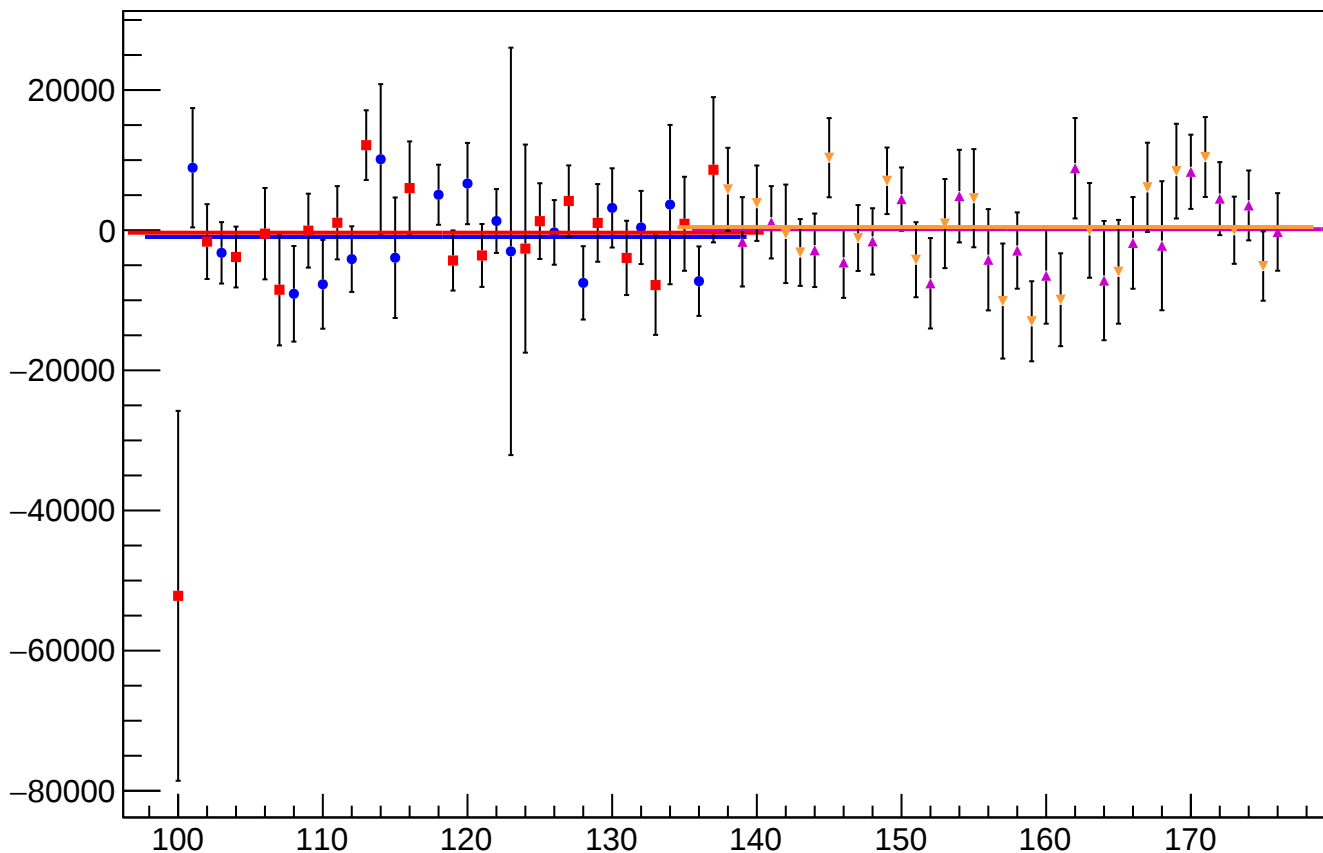
Left In: 4570.819 $\pm$ 0.858 χ^2 /NDF: 1030995.2/18

+ sign 951.367 $\pm$ 0.256 χ^2 /NDF: 29227042.8/36

All: 1073.666 $\pm$ 0.200 χ^2 /NDF: 57589916.1/7

- sign 1264.812 $\pm$ 0.320 χ^2 /NDF: 27778400.1/37

asym_atr1l2_dd_mean vs Slug



Right In: -964.151 ± 1395.626 χ^2/NDF : 13.7/16

Left Out: 448.239 ± 1292.983 χ^2/NDF : 25.0/19

Right Out: -354.646 ± 1329.760 χ^2/NDF : 17.6/18

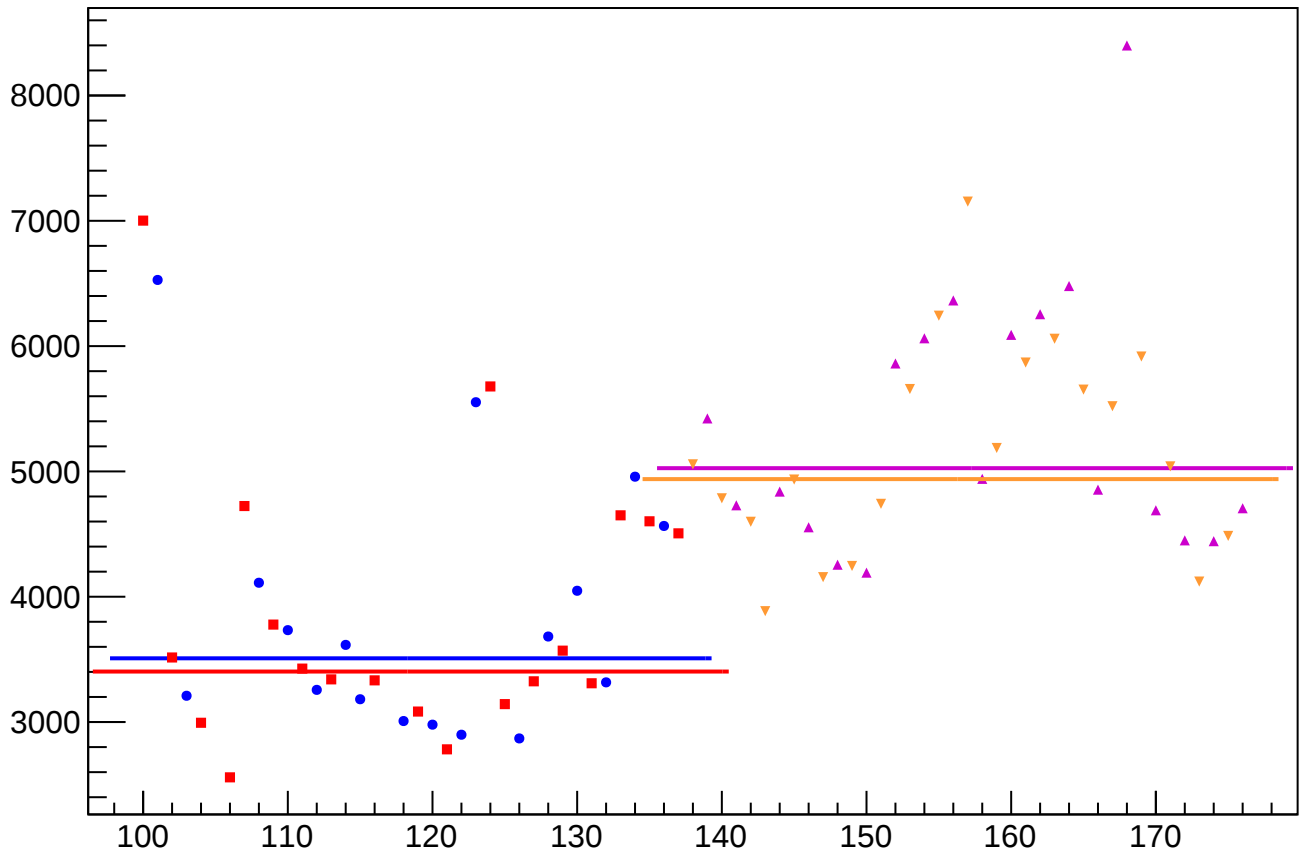
Left In: 136.963 ± 1328.791 χ^2/NDF : 11.9/18

+ sign -204.114 ± 948.490 χ^2/NDF : 39.3/36

All: -155.956 ± 667.640 χ^2/NDF : 68.8/74

- sign -108.663 ± 939.940 χ^2/NDF : 29.5/37

asym_atr1l2_dd_rms vs Slug



Right In: 3508.483+/-0.987 χ^2/NDF : 562197.7/16

Left Out: 4938.641+/-0.914 χ^2/NDF : 696993.0/19

Right Out: 3402.883+/-0.928 χ^2/NDF : 428556.1/18

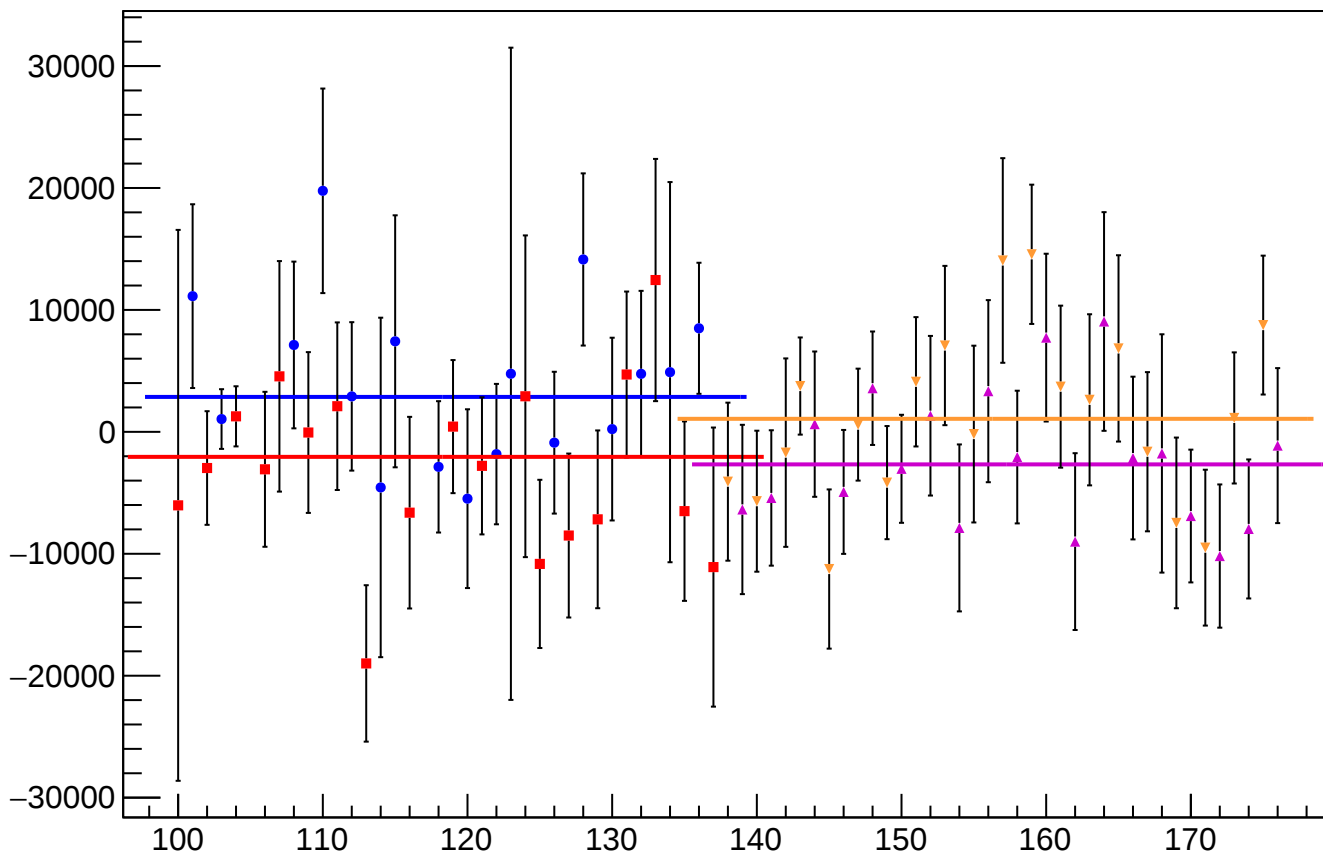
Left In: 5025.908+/-0.940 χ^2/NDF : 809131.4/18

+ sign 4278.077+/-0.671 χ^2/NDF : 2389358.2/36

All: 4240.672+/-0.471 χ^2/NDF : 5143409.5/74

- sign 4204.415+/-0.660 χ^2/NDF : 2747925.6/37

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2864.770 $\pm$ 1452.658 χ^2 /NDF: 14.1/16

Left Out: 1068.663 $\pm$ 1327.374 χ^2 /NDF:23.6/19

Right Out: -2051.211 $\pm$ 1381.577 χ^2 /NDF: 17.7/18

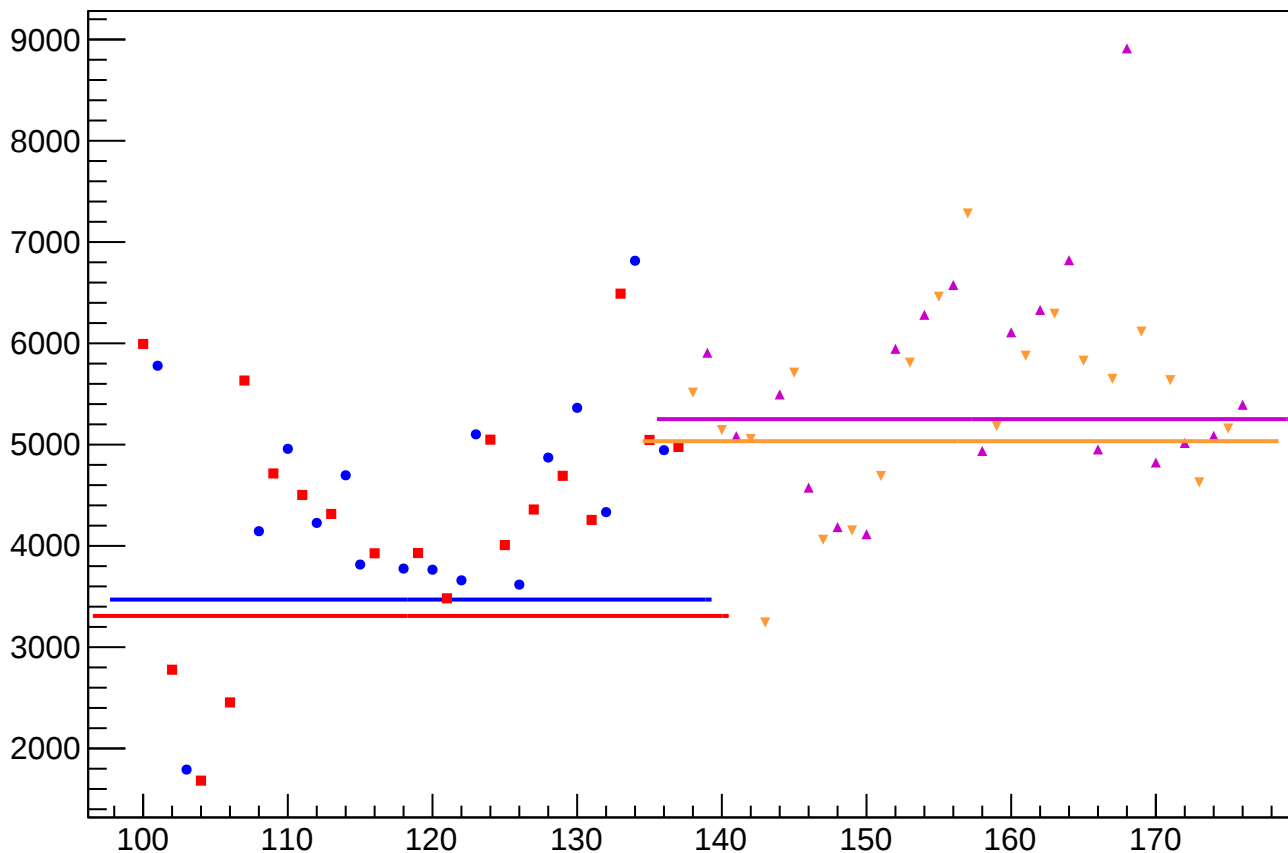
Left In: -2668.751 $\pm$ 1390.293 χ^2 /NDF:12.4/18

+ sign 1885.938 $\pm$ 979.899 χ^2 /NDF: 38.5/36

All: -235.855 $\pm$ 692.925 χ^2 /NDF: 78.0/74

- sign -2358.039 $\pm$ 979.989 χ^2 /NDF: 30.2/37

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 5033.899 $\pm$ 0.939 χ^2 /NDF:1071638.0/19

Right Out: 3308.243 $\pm$ 0.968 χ^2 /NDF: 1910782.0/18

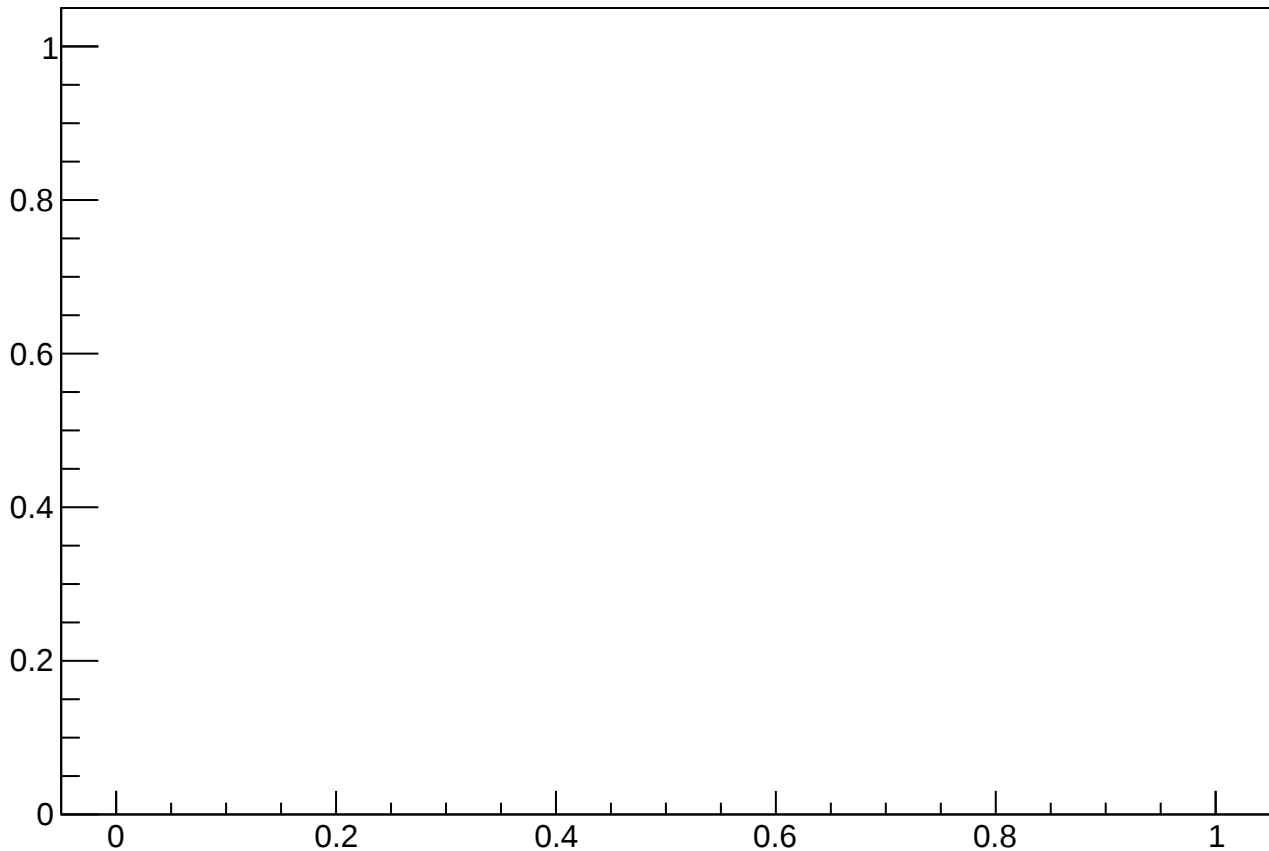
Left In: 5251.562 $\pm$ 0.983 χ^2 /NDF:871635.6/18

+ sign 4322.285 $\pm$ 0.693 χ^2 /NDF: 4095735.7/36

All: 4293.449 $\pm$ 0.489 χ^2 /NDF: 8865598.0/74

- sign 4264.875 $\pm$ 0.690 χ^2 /NDF: 4766414.1/37

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

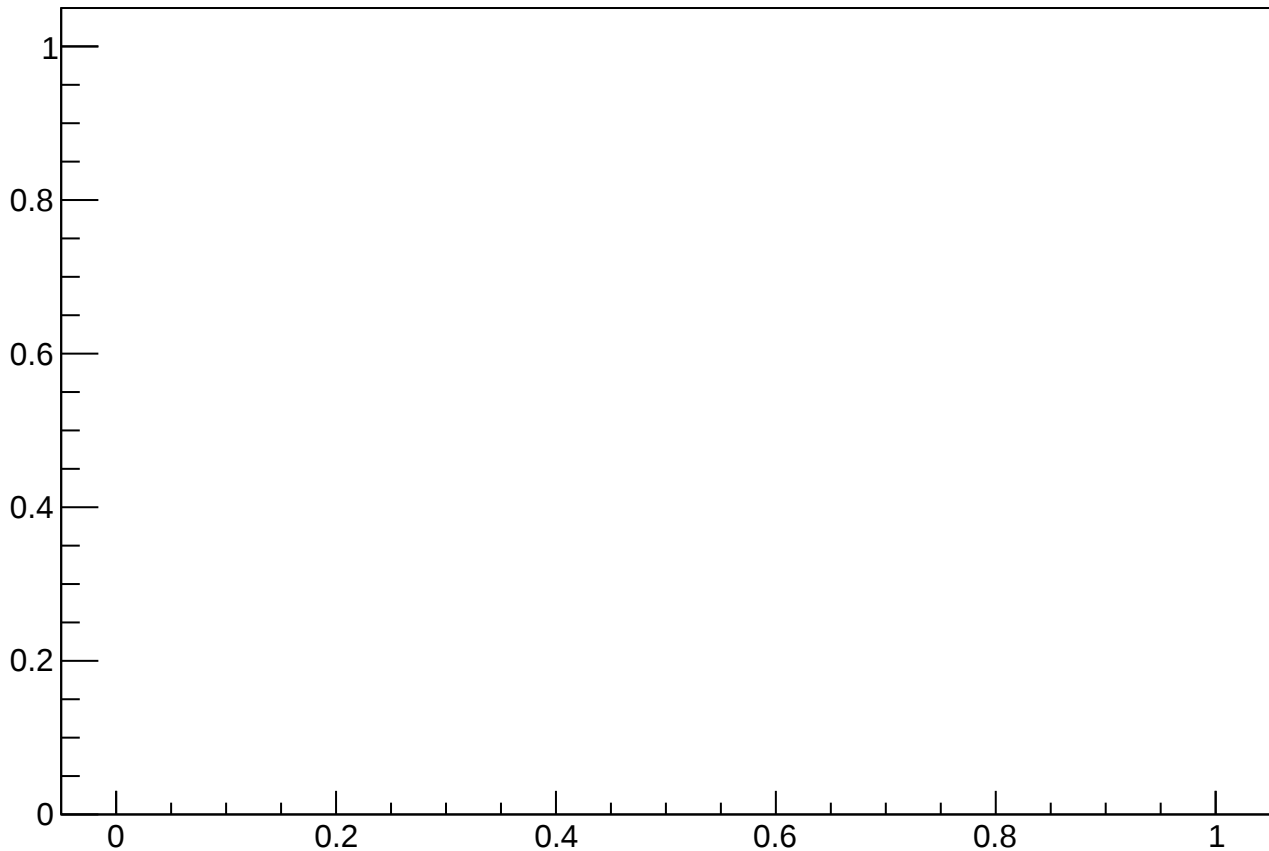
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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

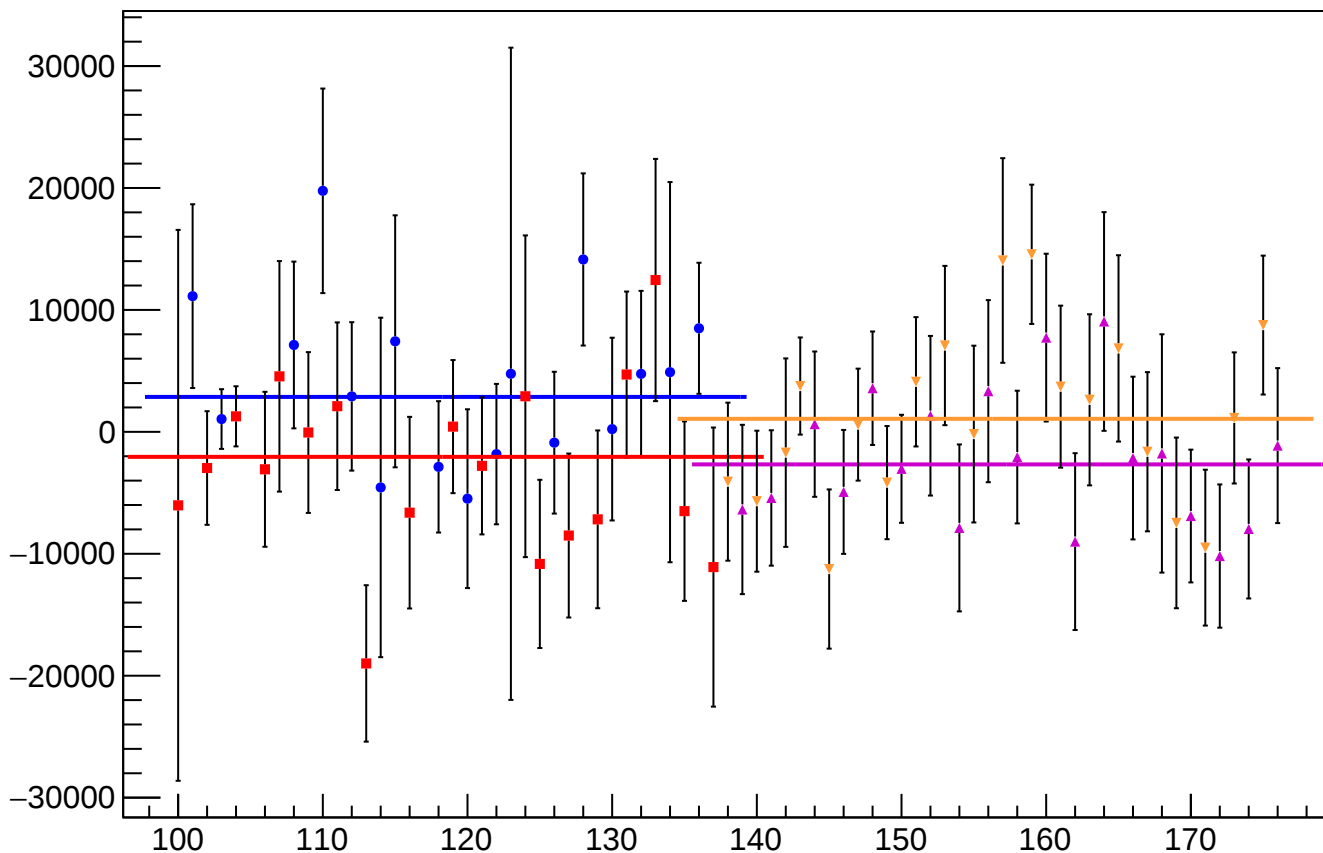
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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: 1068.663 ± 1327.374 χ^2/NDF : 23.6/19

Right Out: -2051.211 ± 1381.577 χ^2/NDF : 17.7/18

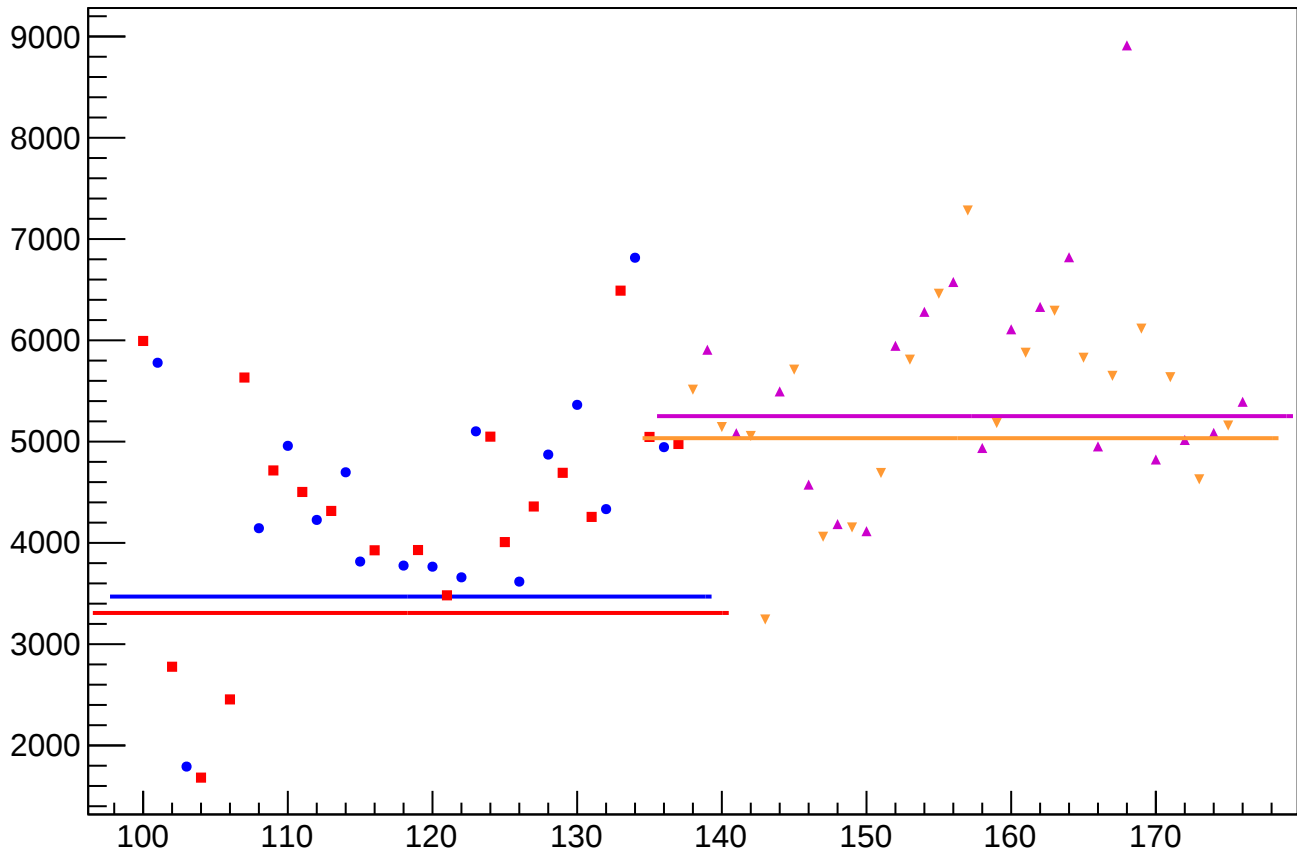
Left In: -2668.751 ± 1390.293 χ^2/NDF : 12.4/18

+ sign 1885.938 ± 979.899 χ^2/NDF : 38.5/36

All: -235.855 ± 692.925 χ^2/NDF : 78.0/74

- sign -2358.039 ± 979.989 χ^2/NDF : 30.2/37

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 5033.899 $\pm$ 0.939 χ^2 /NDF: 1071638.0/19

Right Out: 3308.243 $\pm$ 0.968 χ^2 /NDF: 1910782.0/18

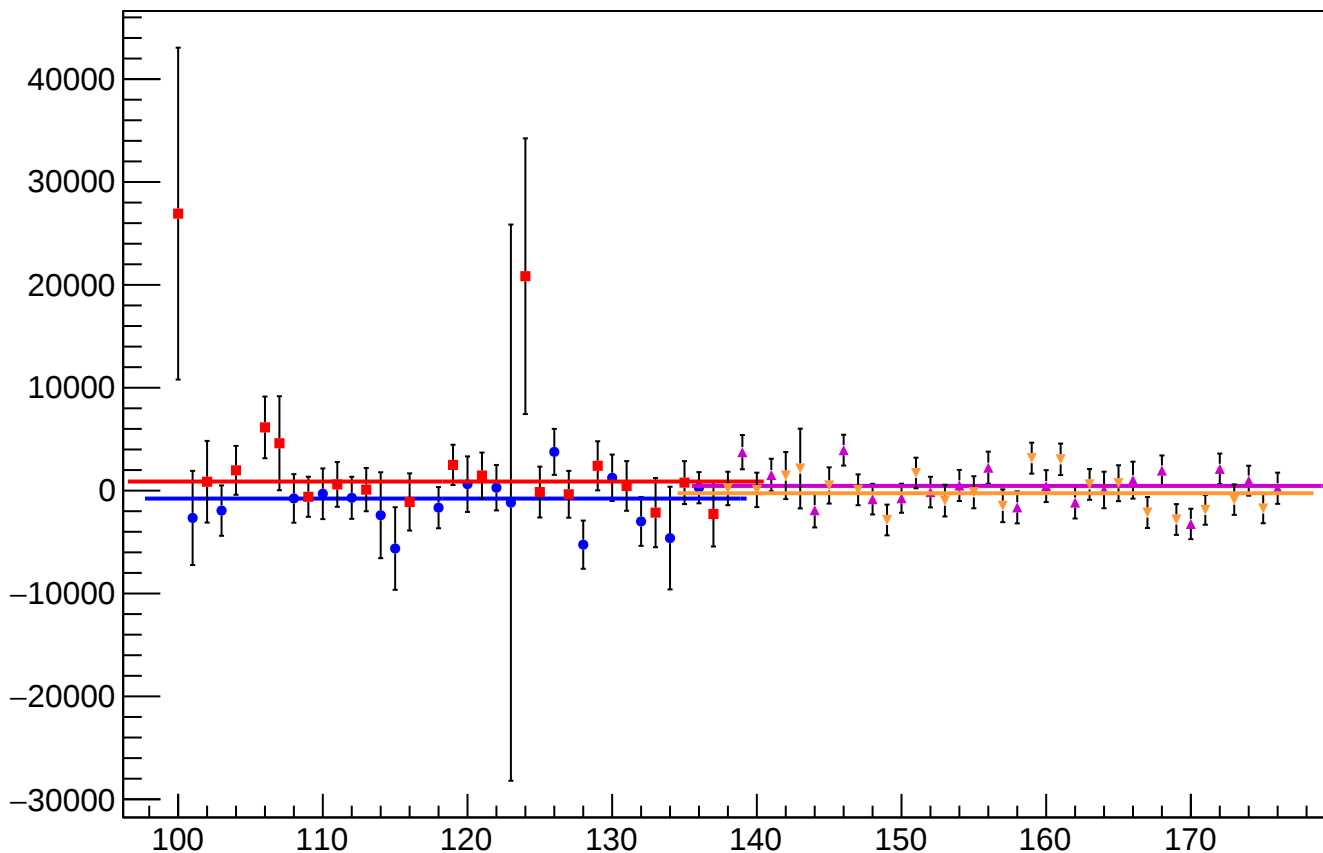
Left In: 5251.562 $\pm$ 0.983 χ^2 /NDF: 871635.6/18

+ sign 4322.285 $\pm$ 0.693 χ^2 /NDF: 4095735.7/36

All: 4293.449 $\pm$ 0.489 χ^2 /NDF: 8865598.0/74

- sign 4264.875 $\pm$ 0.690 χ^2 /NDF: 4766414.1/37

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.153+/-603.689 χ^2/NDF : 13.3/16

Left Out: -252.879+/-356.970 χ^2/NDF : 24.3/19

Right Out: 885.145+/-595.053 χ^2/NDF : 13.5/18

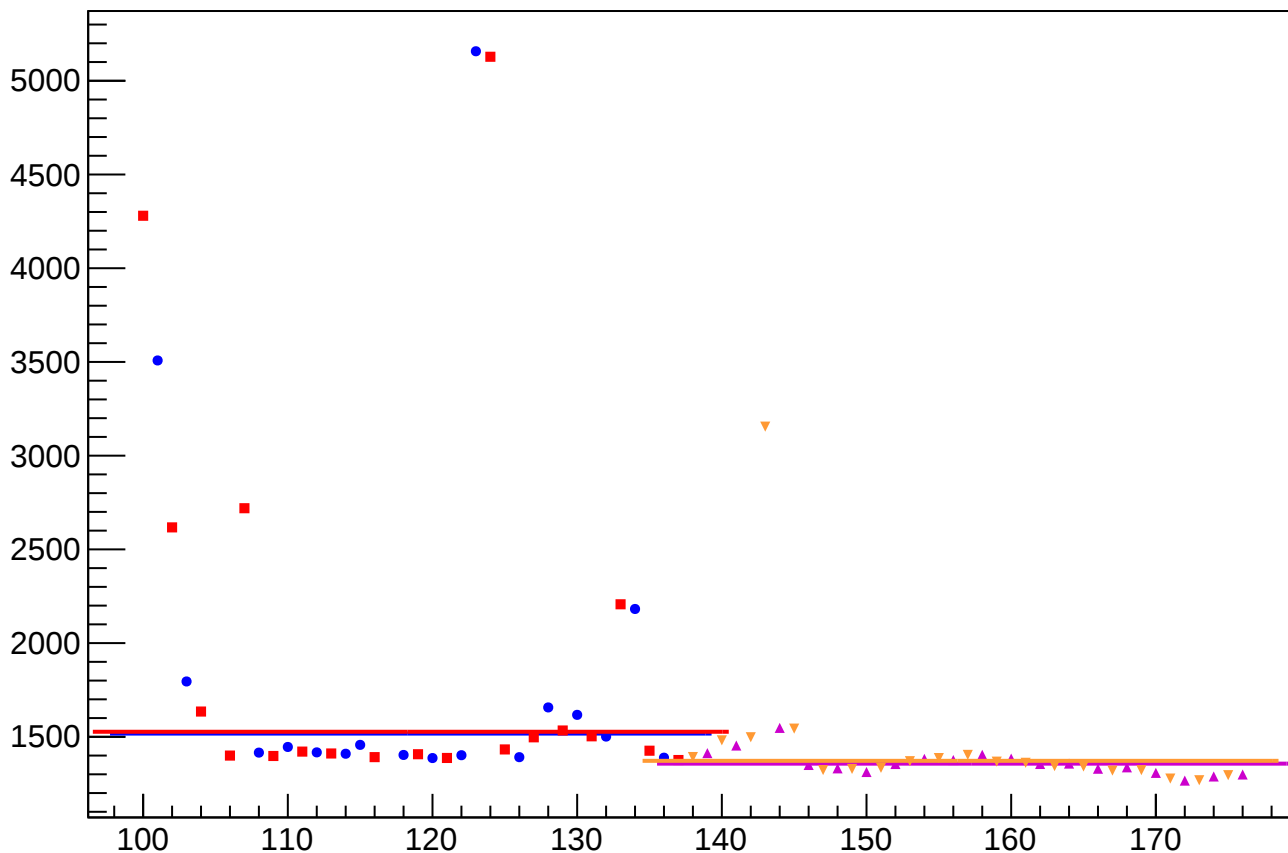
Left In: 458.859+/-354.215 χ^2/NDF : 26.3/18

+ sign -387.147+/-307.271 χ^2/NDF : 38.1/36

All: 96.161+/-216.240 χ^2/NDF : 83.2/74

- sign 570.389+/-304.370 χ^2/NDF : 40.2/37

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1371.901+/-0.252 χ^2/NDF : 493456.7/19

Right Out: 1527.005+/-0.421 χ^2/NDF : 631684.2/18

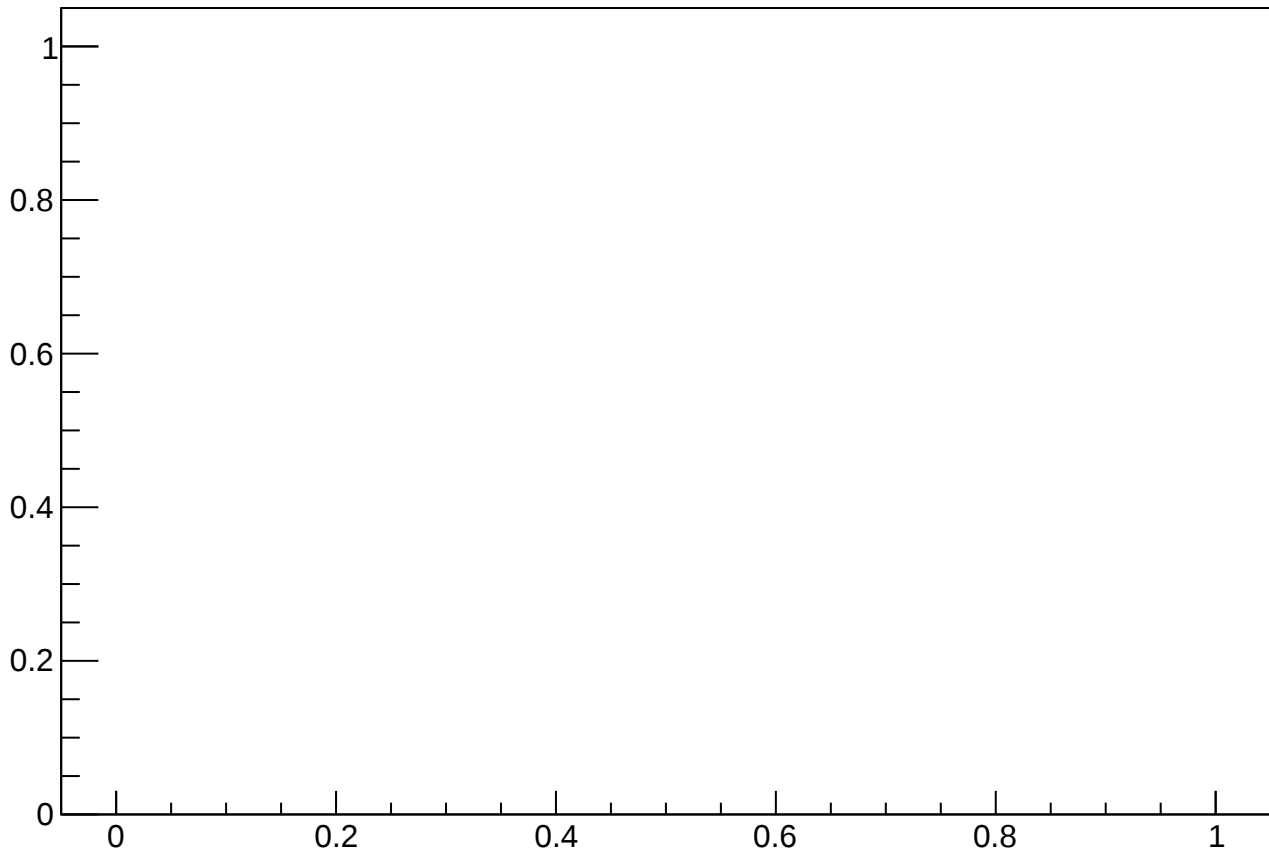
Left In: 1356.897+/-0.250 χ^2/NDF : 59394.1/18

+ sign 1409.579+/-0.217 χ^2/NDF : 1116121.1/36

All: 1405.452+/-0.153 χ^2/NDF : 1928597.3/74

- sign 1401.403+/-0.215 χ^2/NDF : 811761.5/37

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

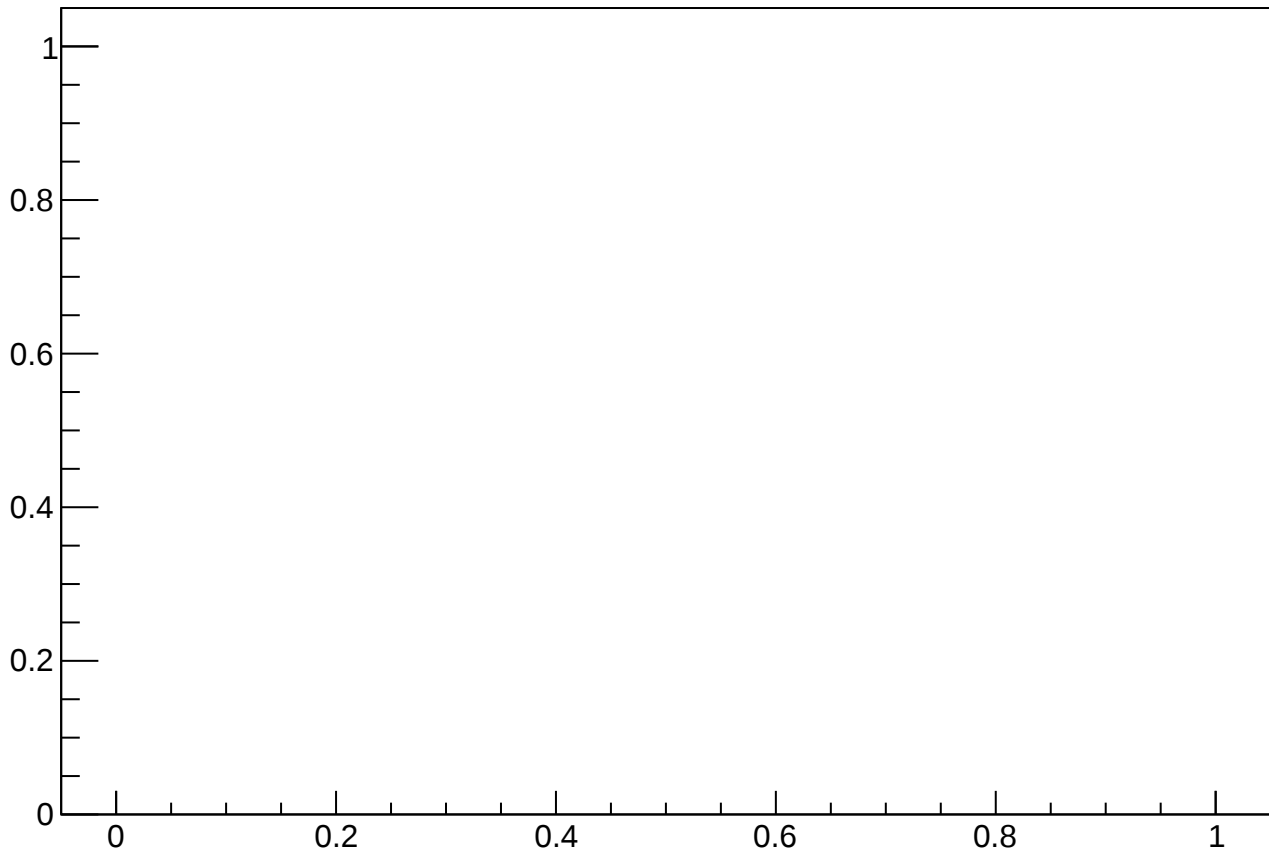
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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

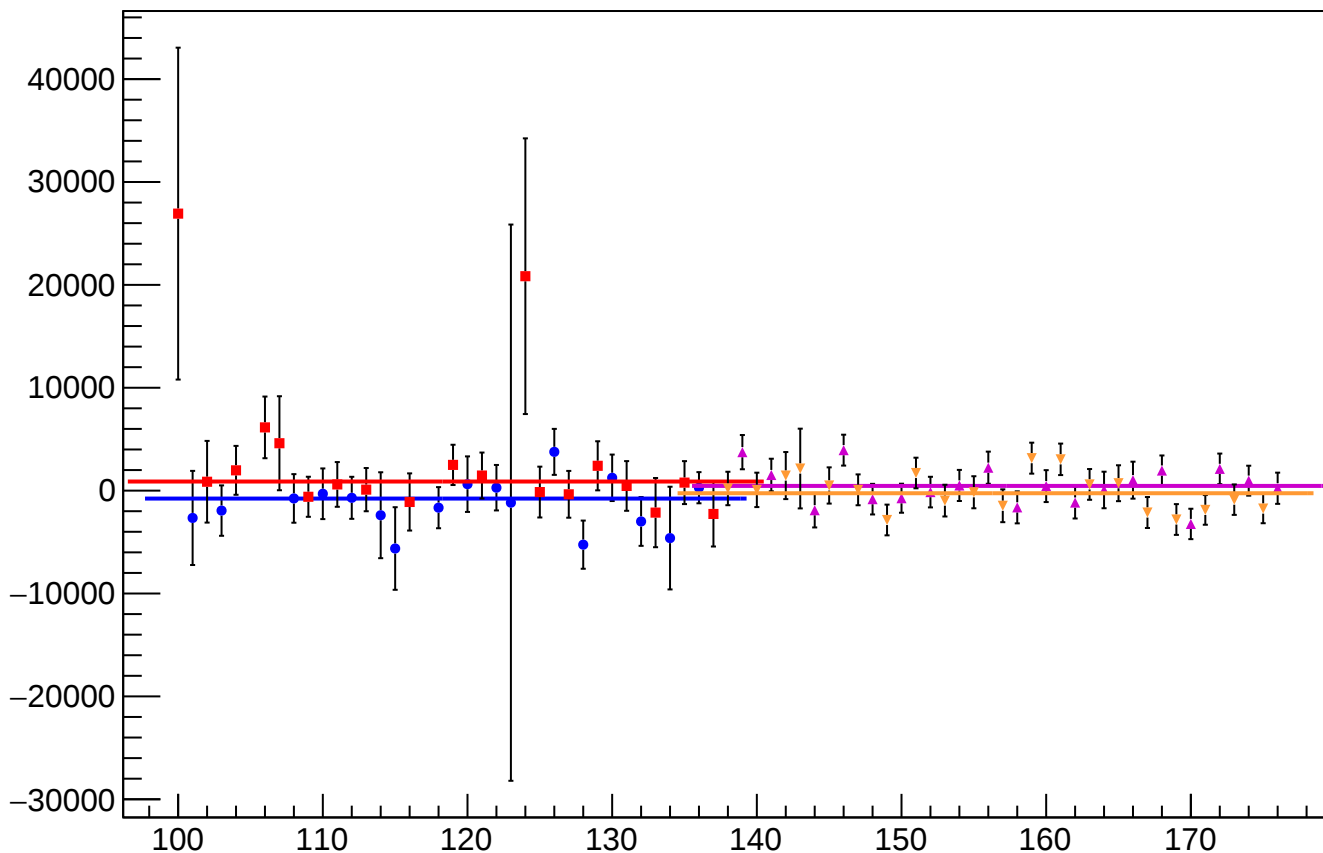
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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: -252.879+/-356.970 χ^2/NDF : 24.3/19

Right Out: 885.145+/-595.053 χ^2/NDF : 13.5/18

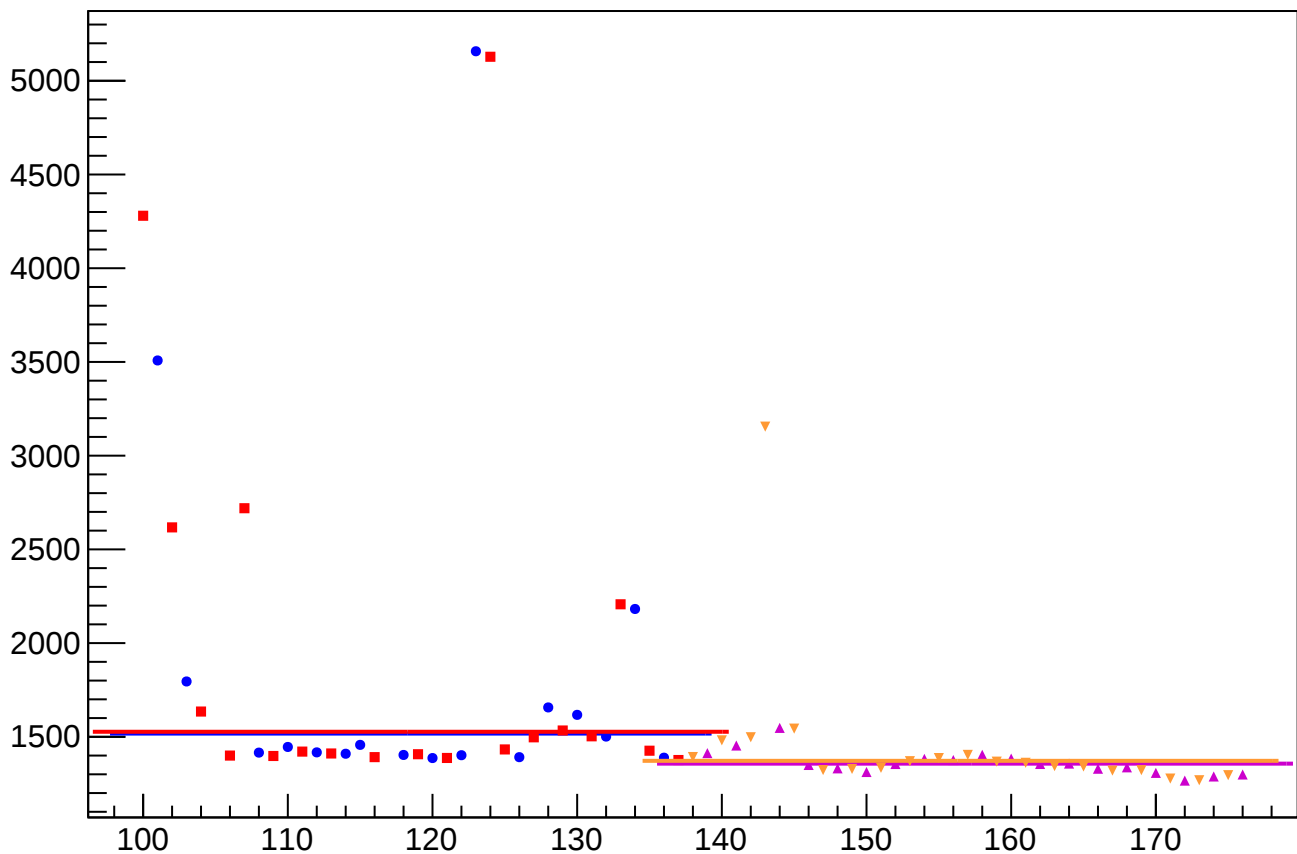
Left In: 458.859+/-354.215 χ^2/NDF : 26.3/18

+ sign -387.147+/-307.271 χ^2/NDF : 38.1/36

All: 96.161+/-216.240 χ^2/NDF : 83.2/74

- sign 570.389+/-304.370 χ^2/NDF : 40.2/37

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1371.901+/-0.252 χ^2/NDF : 493456.7/19

Right Out: 1527.005+/-0.421 χ^2/NDF : 631684.2/18

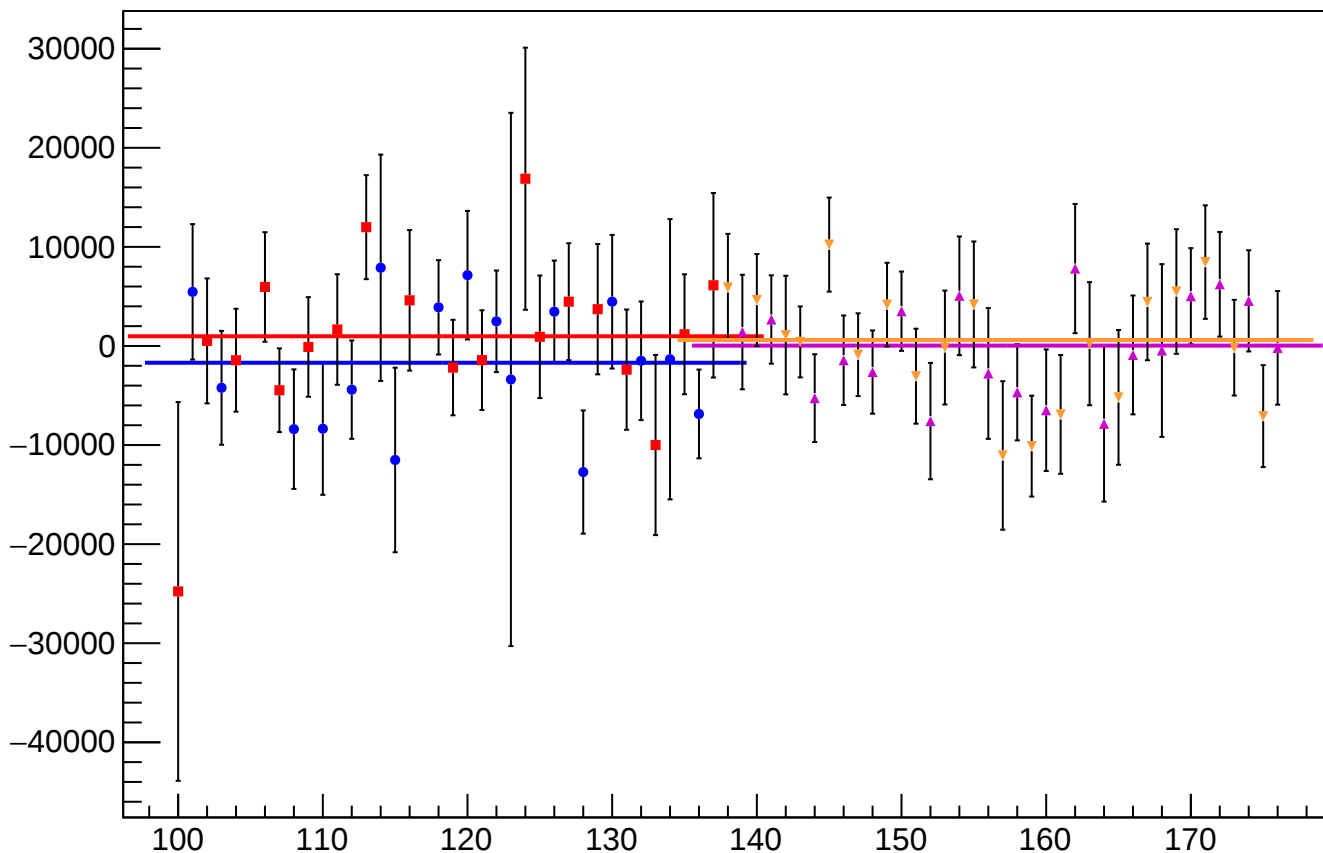
Left In: 1356.897+/-0.250 χ^2/NDF : 59394.1/18

+ sign 1409.579+/-0.217 χ^2/NDF : 1116121.1/36

All: 1405.452+/-0.153 χ^2/NDF : 1928597.3/74

- sign 1401.403+/-0.215 χ^2/NDF : 811761.5/37

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604 ± 1512.935 χ^2/NDF : 15.8/16

Left Out: 605.394 ± 1162.851 χ^2/NDF : 21.9/19

Right Out: 977.899 ± 1378.874 χ^2/NDF : 13.9/18

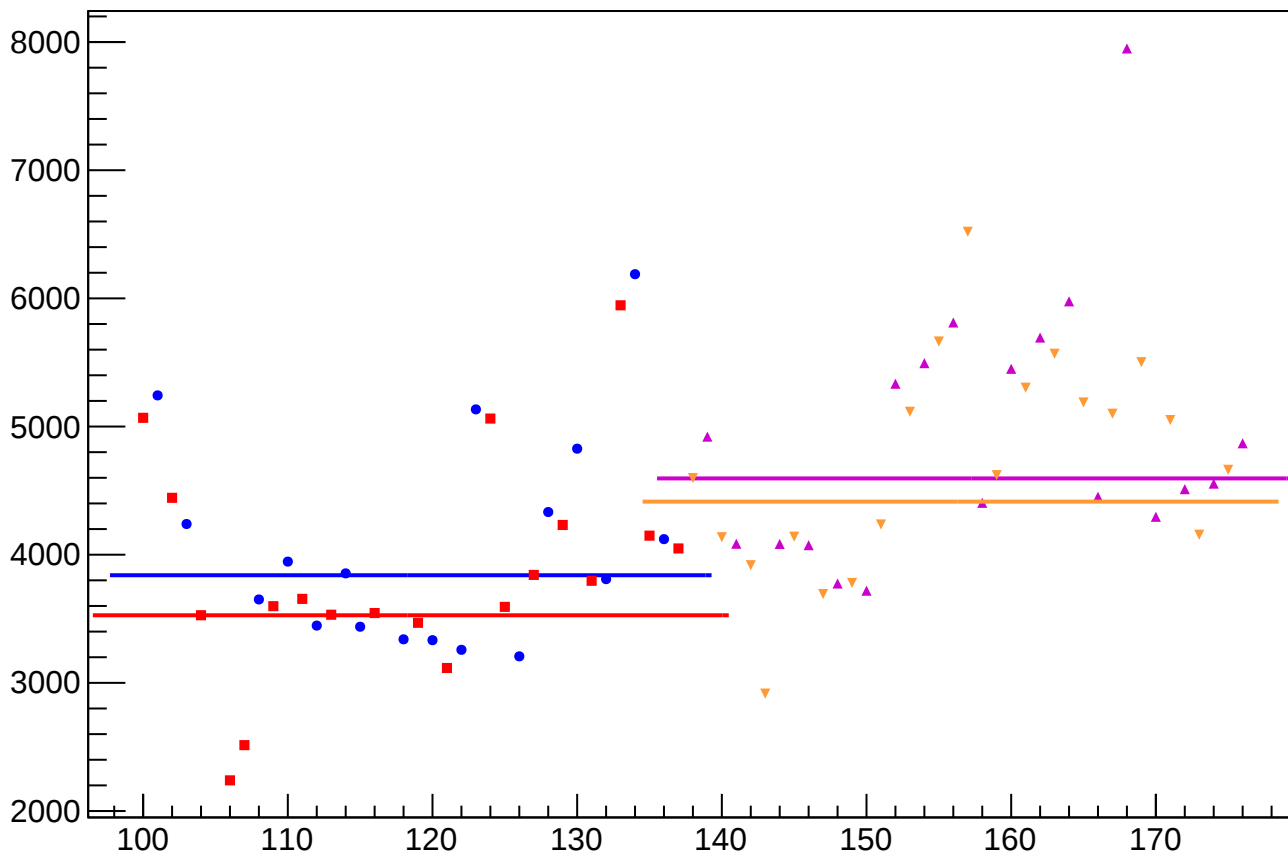
Left In: 37.339 ± 1216.289 χ^2/NDF : 13.4/18

+ sign -248.008 ± 921.982 χ^2/NDF : 39.2/36

All: 104.198 ± 648.432 χ^2/NDF : 67.1/74

- sign 448.924 ± 912.139 χ^2/NDF : 27.6/37

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4414.172+/-0.822 χ^2/NDF : 1016202.0/19

Right Out: 3527.320+/-0.966 χ^2/NDF : 554785.4/18

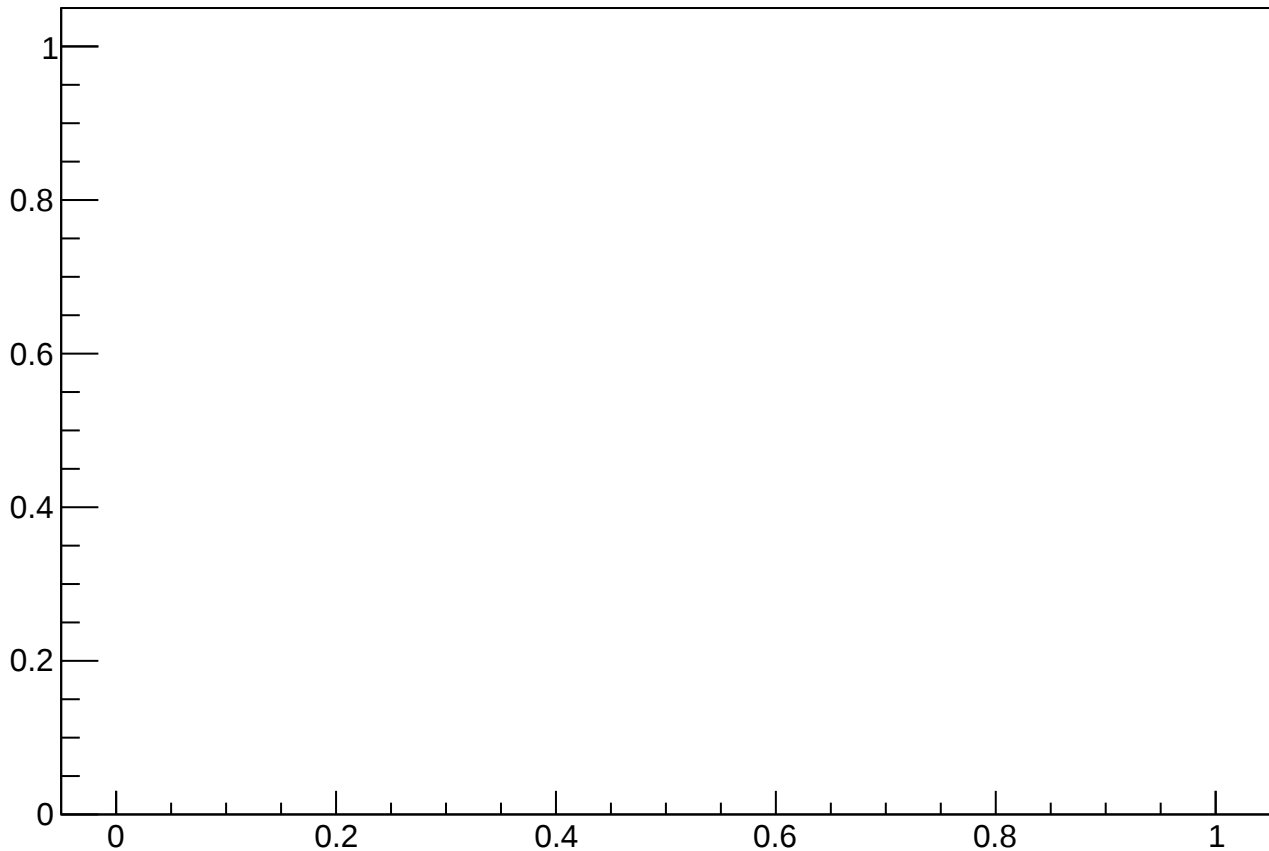
Left In: 4595.188+/-0.860 χ^2/NDF : 873441.6/18

+ sign 4200.843+/-0.652 χ^2/NDF : 1523403.8/36

All: 4161.393+/-0.458 χ^2/NDF : 3640412.8/74

- sign 4123.089+/-0.642 χ^2/NDF : 2109791.7/37

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

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

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

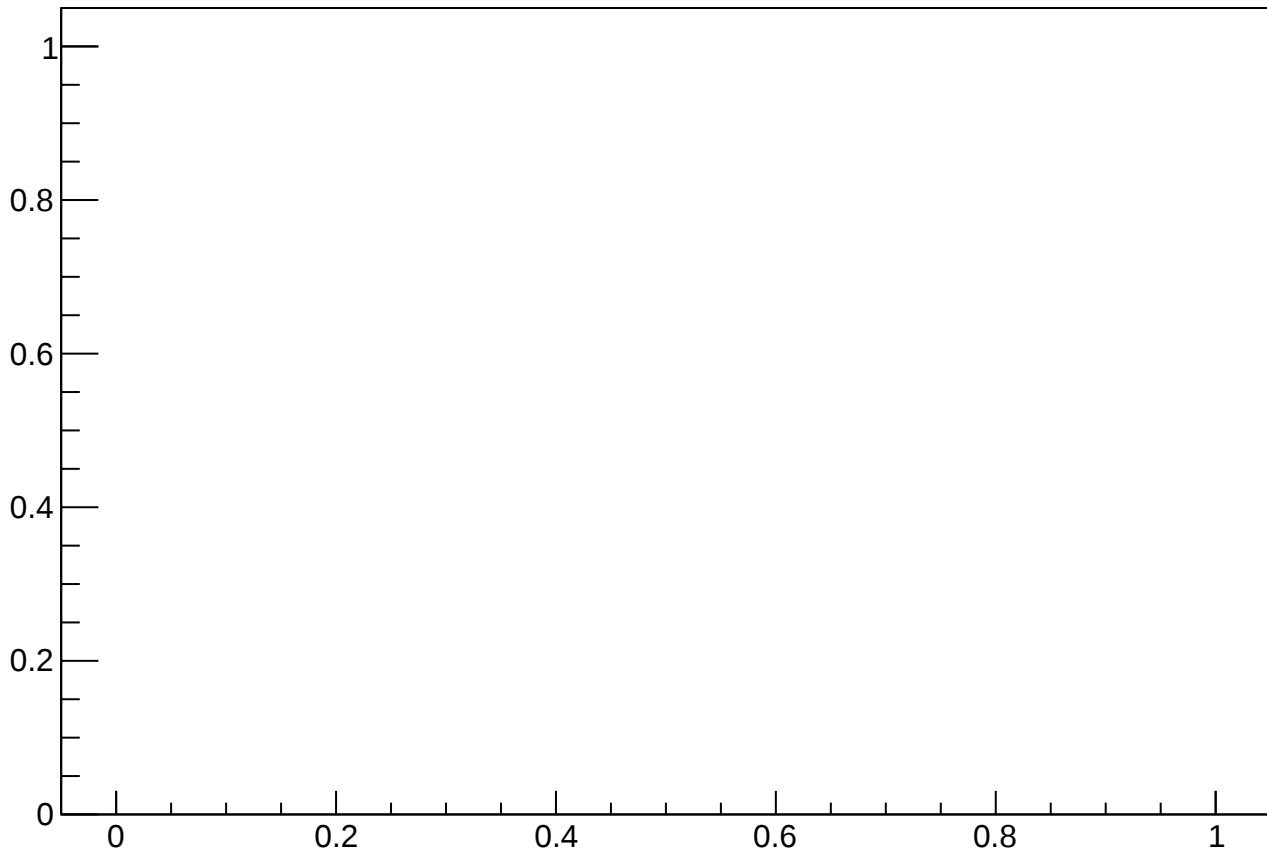
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

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

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

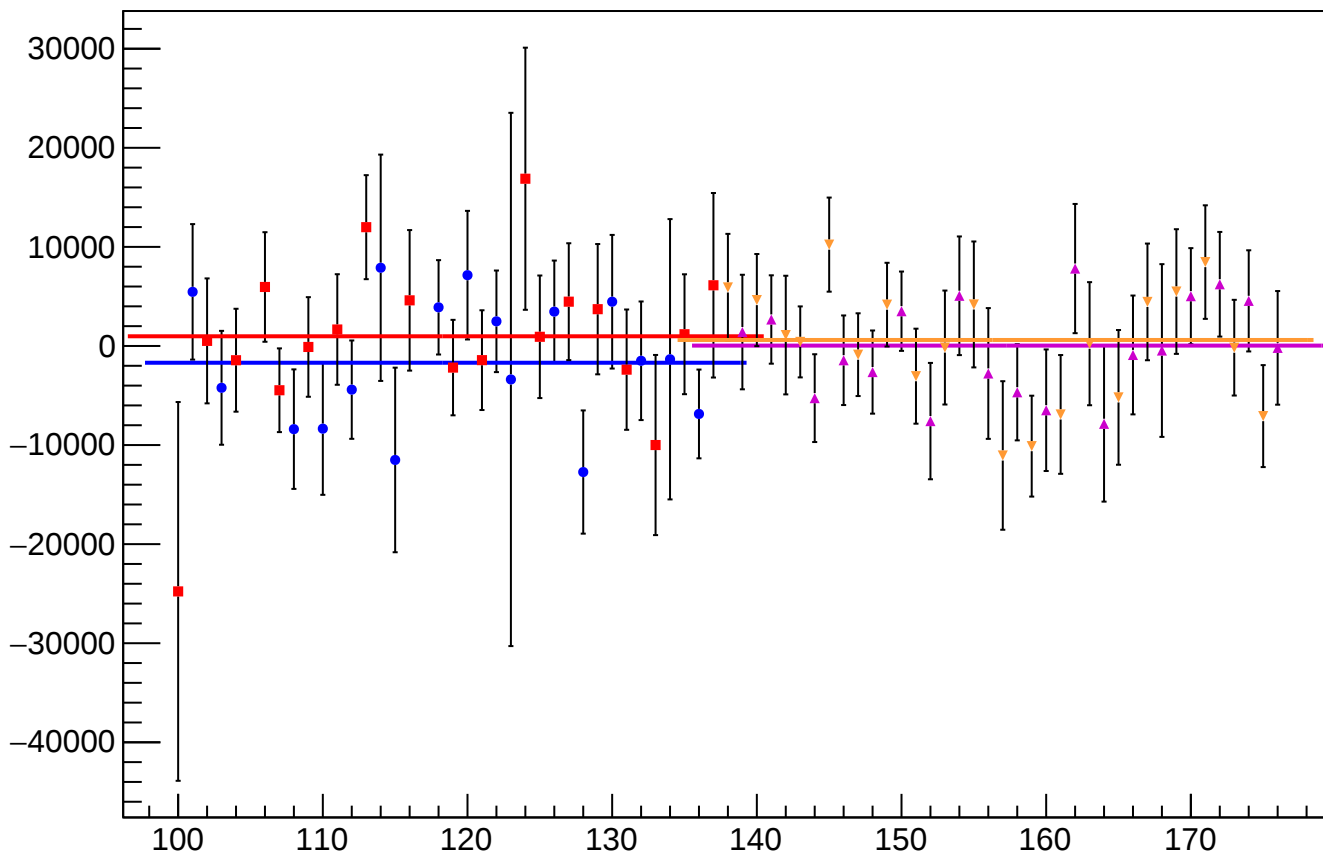
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604 ± 1512.935 χ^2/NDF : 15.8/16

Left Out: 605.394 ± 1162.851 χ^2/NDF : 21.9/19

Right Out: 977.899 ± 1378.874 χ^2/NDF : 13.9/18

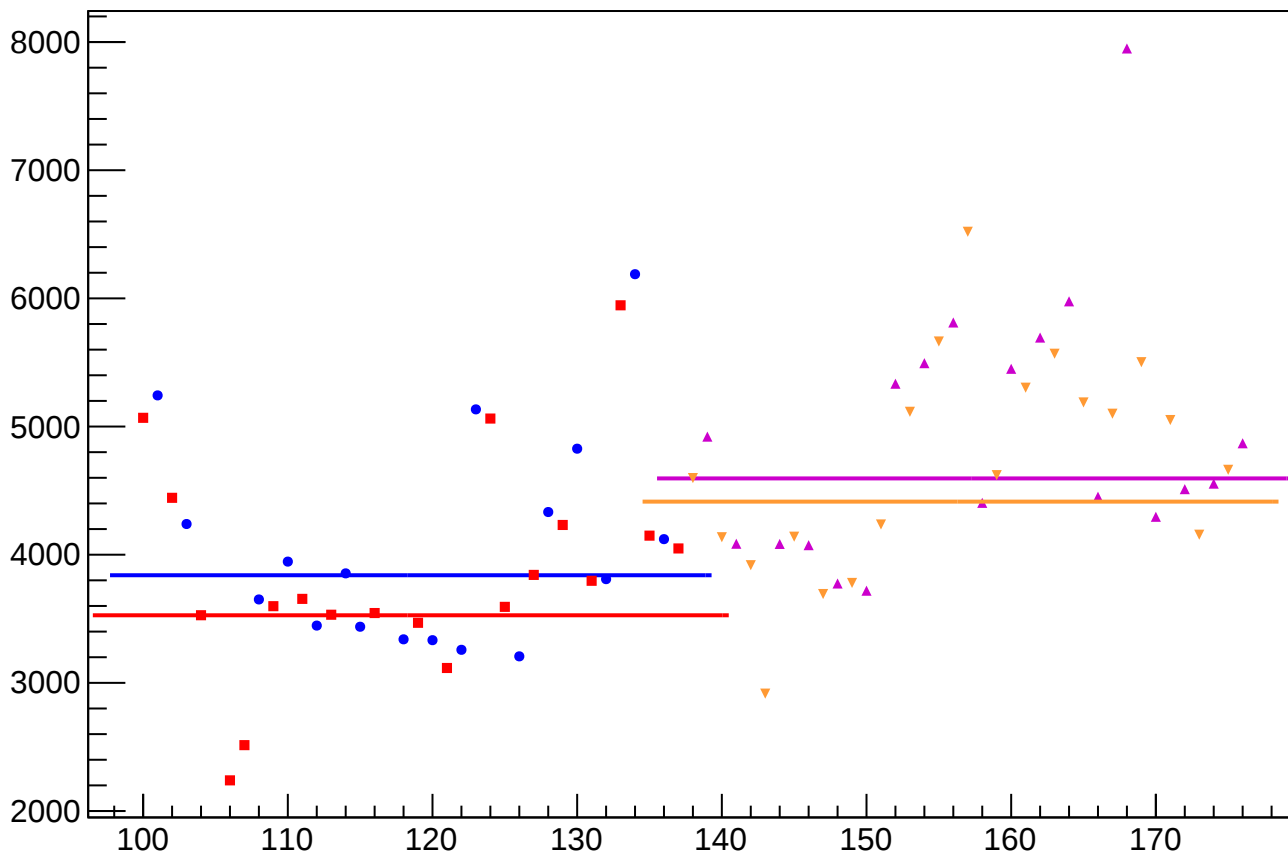
Left In: 37.339 ± 1216.289 χ^2/NDF : 13.4/18

+ sign -248.008 ± 921.982 χ^2/NDF : 39.2/36

All: 104.198 ± 648.432 χ^2/NDF : 67.1/74

- sign 448.924 ± 912.139 χ^2/NDF : 27.6/37

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4414.172+/-0.822 χ^2/NDF : 1016202.0/19

Right Out: 3527.320+/-0.966 χ^2/NDF : 554785.4/18

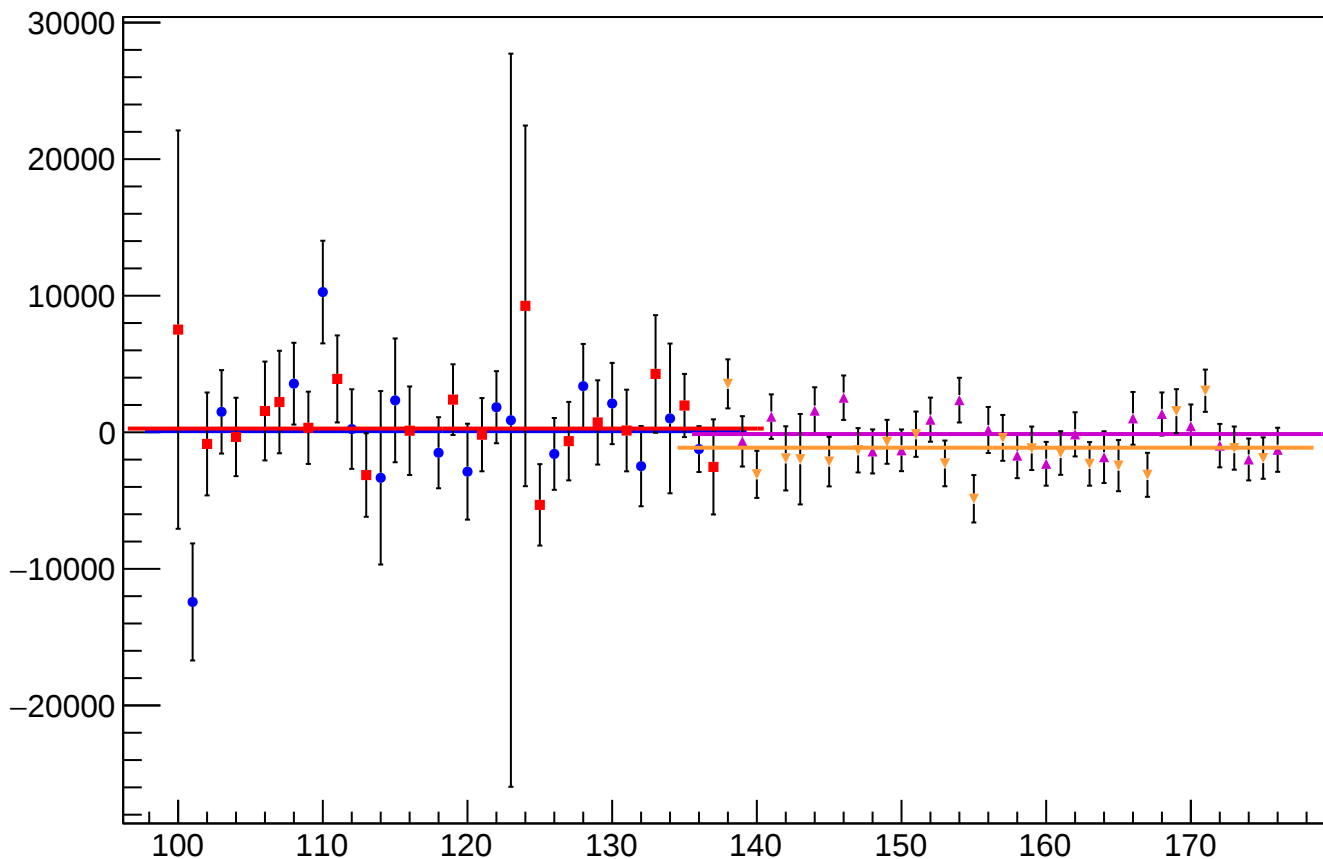
Left In: 4595.188+/-0.860 χ^2/NDF : 873441.6/18

+ sign 4200.843+/-0.652 χ^2/NDF : 1523403.8/36

All: 4161.393+/-0.458 χ^2/NDF : 3640412.8/74

- sign 4123.089+/-0.642 χ^2/NDF : 2109791.7/37

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860 $\pm$ 750.549 χ^2 /NDF: 22.9/16

Left Out: -1129.102 $\pm$ 381.077 χ^2 /NDF:27.2/19

Right Out: 272.707 $\pm$ 734.115 χ^2 /NDF: 10.2/18

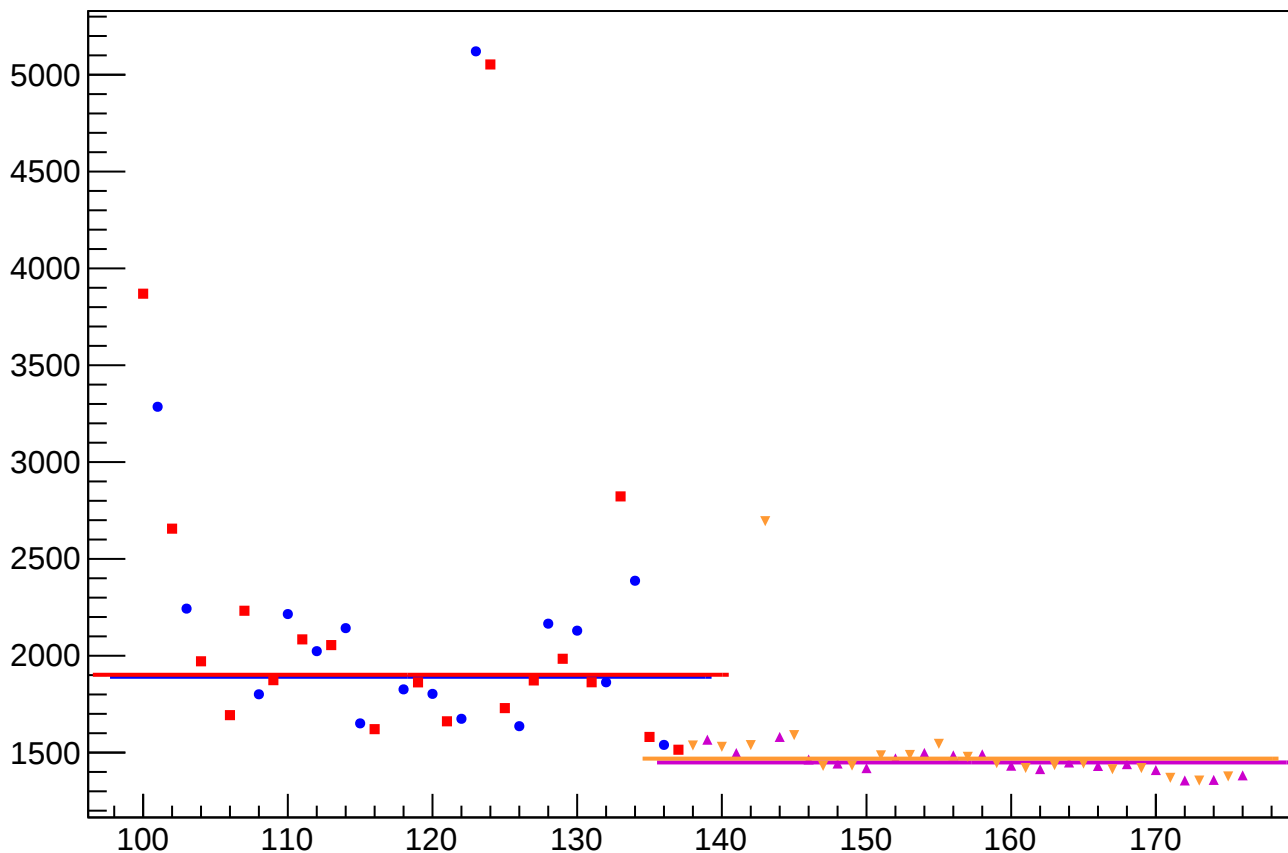
Left In: -128.835 $\pm$ 378.084 χ^2 /NDF:15.5/18

+ sign -880.499 $\pm$ 339.788 χ^2 /NDF: 52.2/36

All: -458.048 $\pm$ 238.961 χ^2 /NDF: 81.2/74

- sign -44.656 $\pm$ 336.125 χ^2 /NDF: 25.9/37

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492+/-0.531 χ^2/NDF : 464497.5/16

Left Out: 1468.844+/-0.269 χ^2/NDF : 330296.7/19

Right Out: 1901.797+/-0.519 χ^2/NDF : 460687.3/18

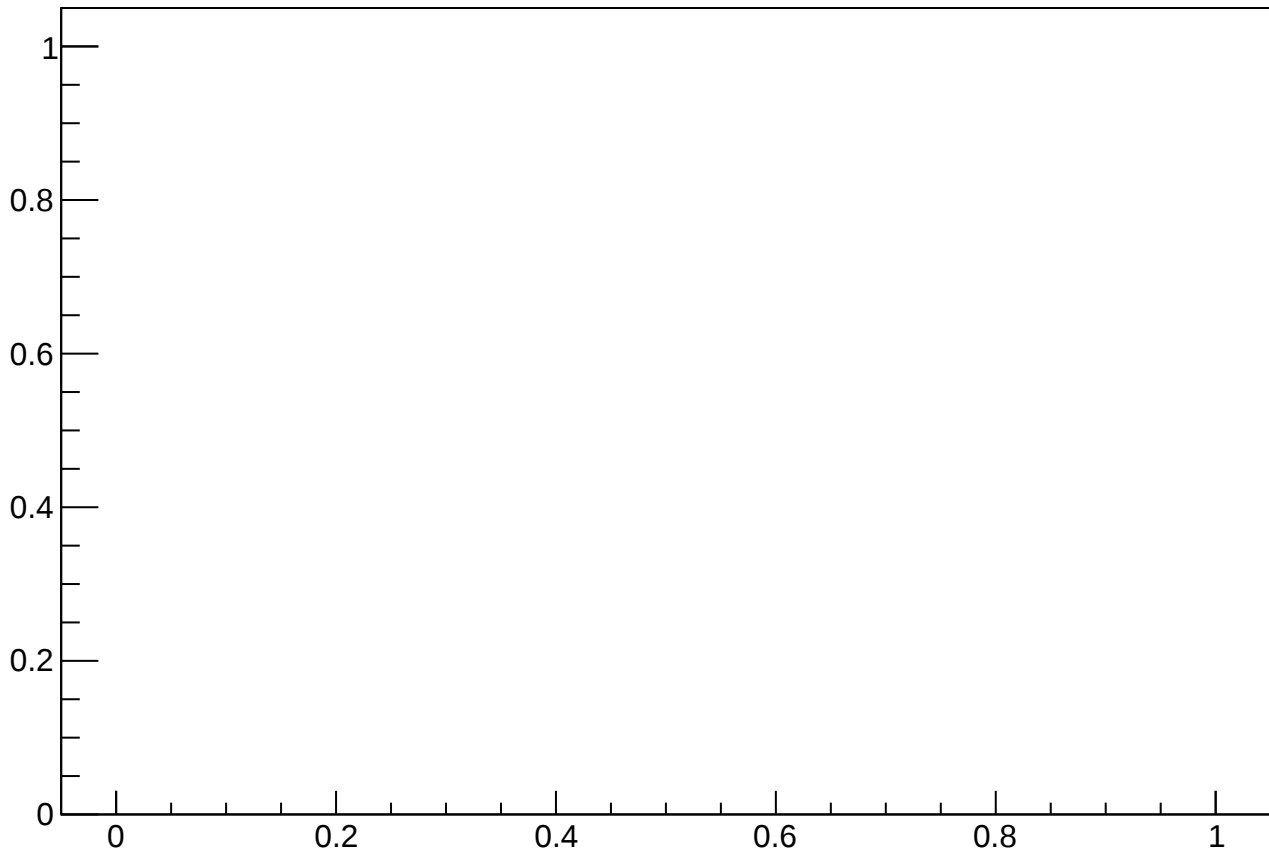
Left In: 1449.033+/-0.267 χ^2/NDF : 46779.0/18

+ sign 1555.469+/-0.240 χ^2/NDF : 1299021.7/36

All: 1549.648+/-0.169 χ^2/NDF : 2408936.2/74

- sign 1543.952+/-0.238 χ^2/NDF : 1108753.4/37

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

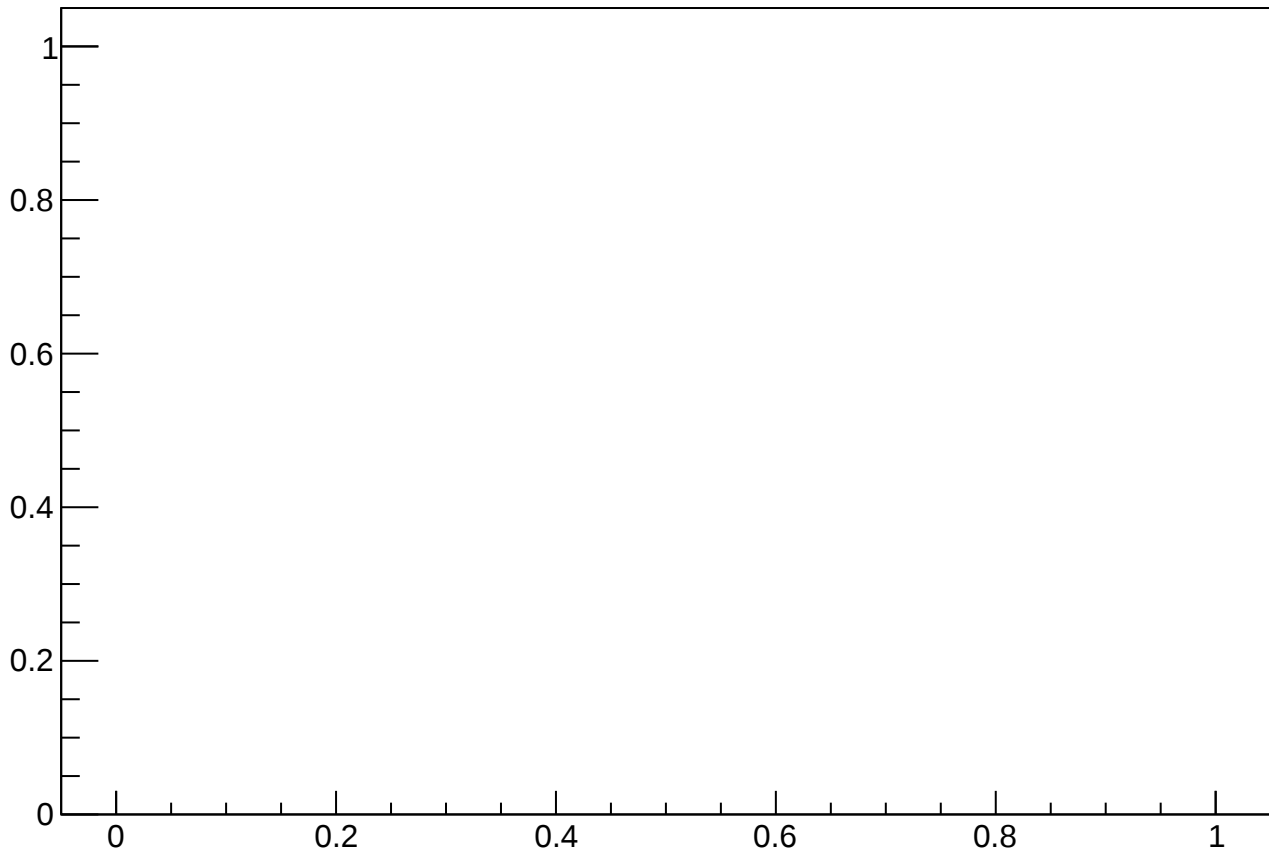
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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

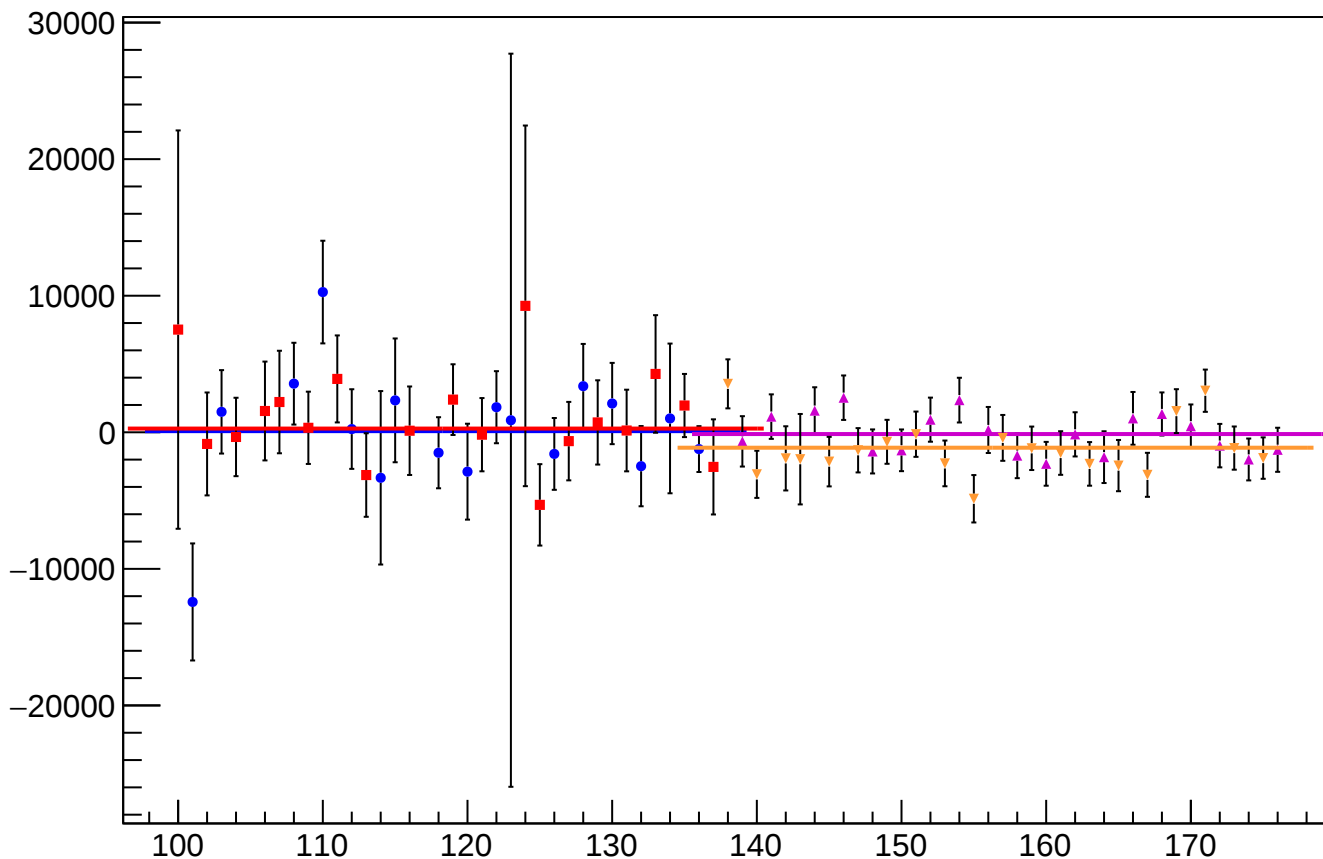
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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 $\pm$ 750.549 χ^2 /NDF: 22.9/16

Left Out: -1129.102 $\pm$ 381.077 χ^2 /NDF:27.2/19

Right Out: 272.707 $\pm$ 734.115 χ^2 /NDF: 10.2/18

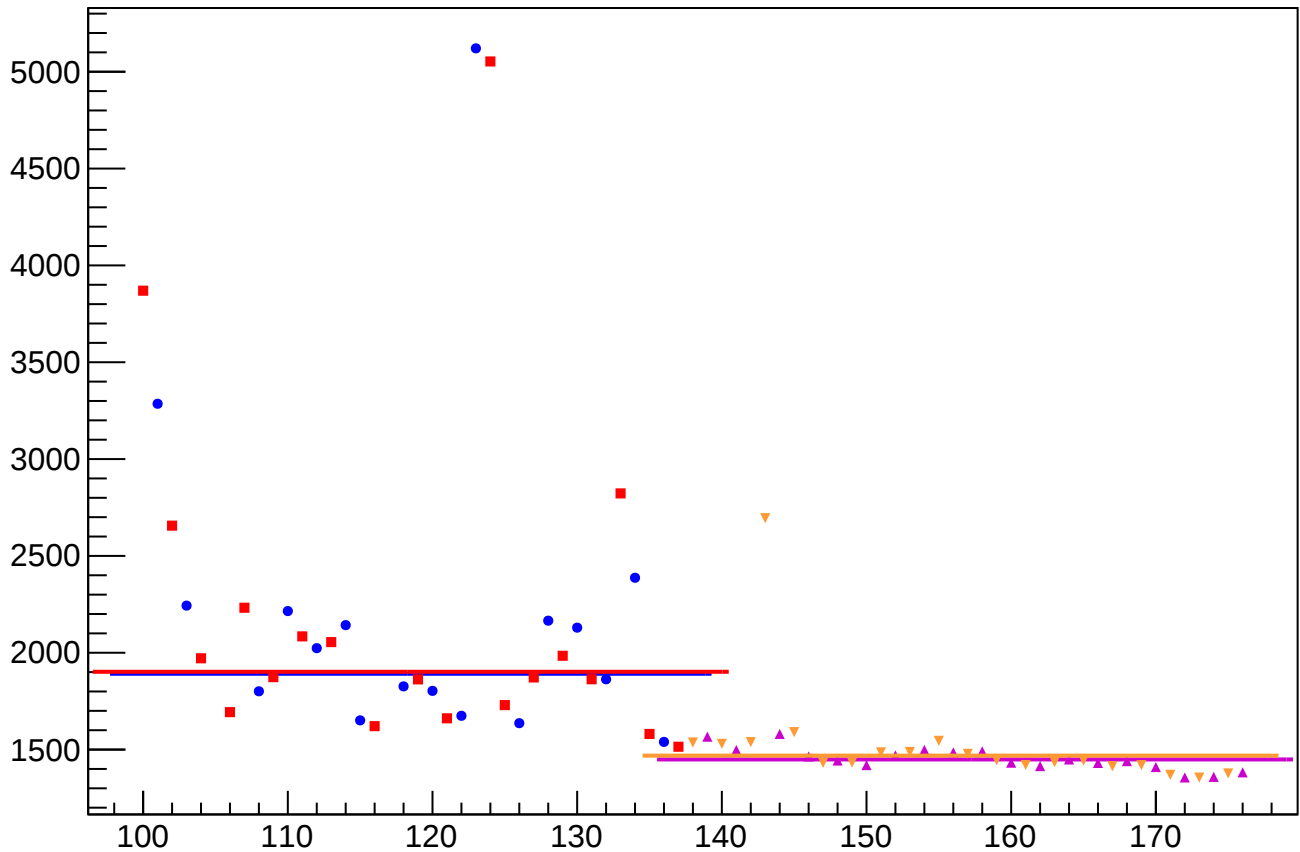
Left In: -128.835 $\pm$ 378.084 χ^2 /NDF:15.5/18

+ sign -880.499 $\pm$ 339.788 χ^2 /NDF: 52.2/36

All: -458.048 $\pm$ 238.961 χ^2 /NDF: 81.2/74

- sign -44.656 $\pm$ 336.125 χ^2 /NDF: 25.9/37

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492 $\pm$ 0.531 χ^2 /NDF: 464497.5/16

Left Out: 1468.844 $\pm$ 0.269 χ^2 /NDF: 330296.7/19

Right Out: 1901.797 $\pm$ 0.519 χ^2 /NDF: 460687.3/18

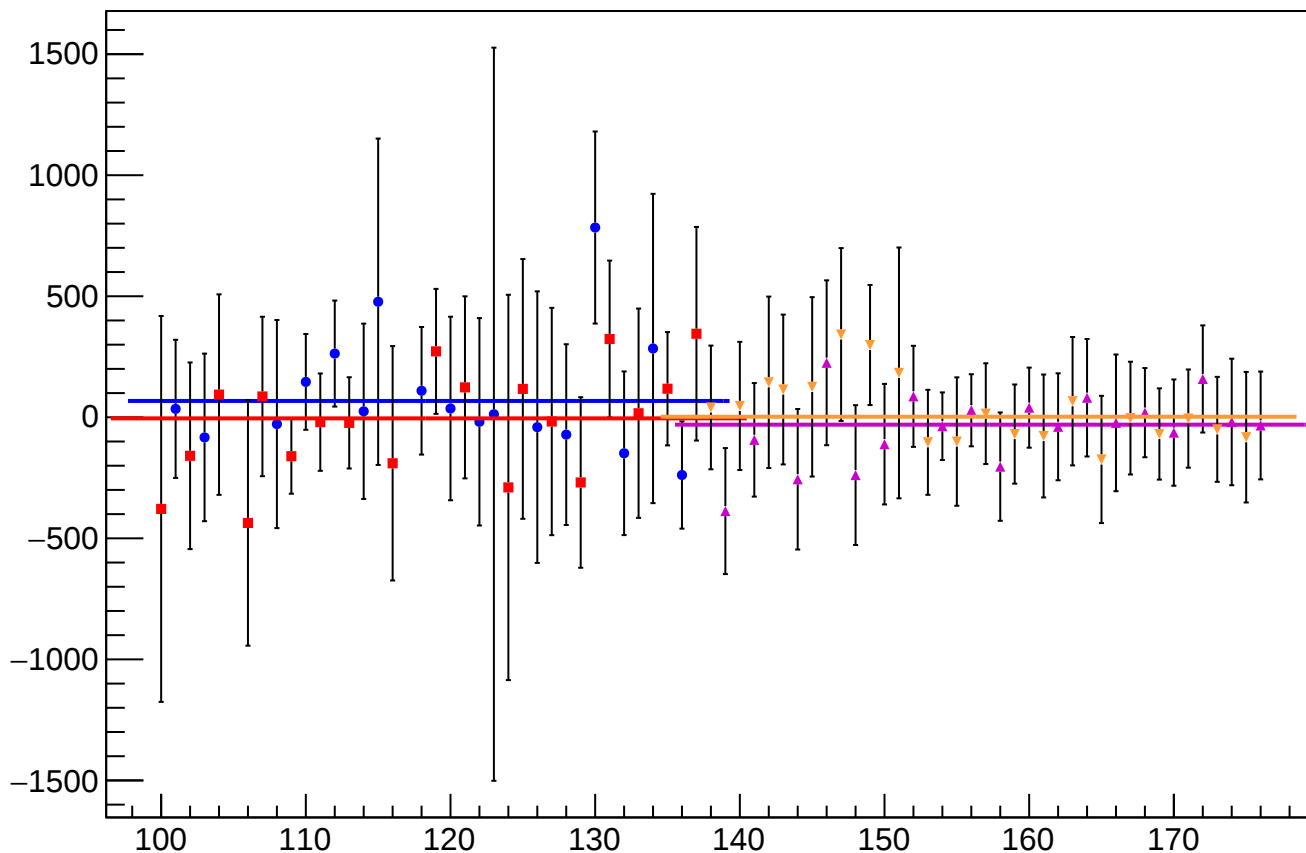
Left In: 1449.033 $\pm$ 0.267 χ^2 /NDF: 46779.0/18

+ sign 1555.469 $\pm$ 0.240 χ^2 /NDF: 1299021.7/36

All: 1549.648 $\pm$ 0.169 χ^2 /NDF: 2408936.2/74

- sign 1543.952 $\pm$ 0.238 χ^2 /NDF: 1108753.4/37

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: 2.404 $\pm$ 56.286 χ^2 /NDF: 4.3/19

Right Out: -4.423 $\pm$ 70.009 χ^2 /NDF: 6.4/18

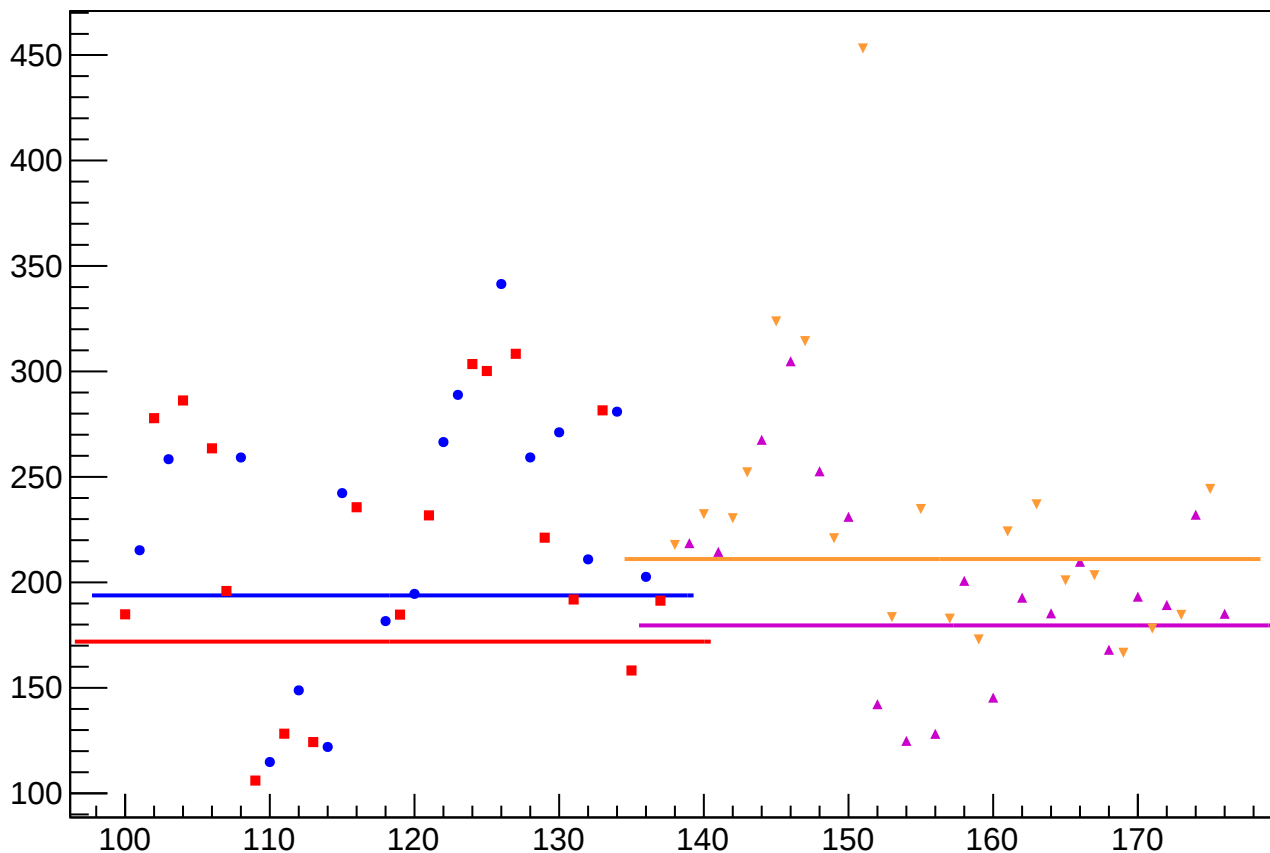
Left In: -30.424 $\pm$ 49.217 χ^2 /NDF: 6.0/18

+ sign 24.114 $\pm$ 45.959 χ^2 /NDF: 12.3/36

All: -1.877 $\pm$ 30.285 χ^2 /NDF: 25.4/74

- sign -21.824 $\pm$ 40.263 χ^2 /NDF: 12.5/37

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: 211.063 $\pm$ 0.040 χ^2 /NDF:1255473.0/19

Right Out: 171.920 $\pm$ 0.050 χ^2 /NDF: 1577076.0/18

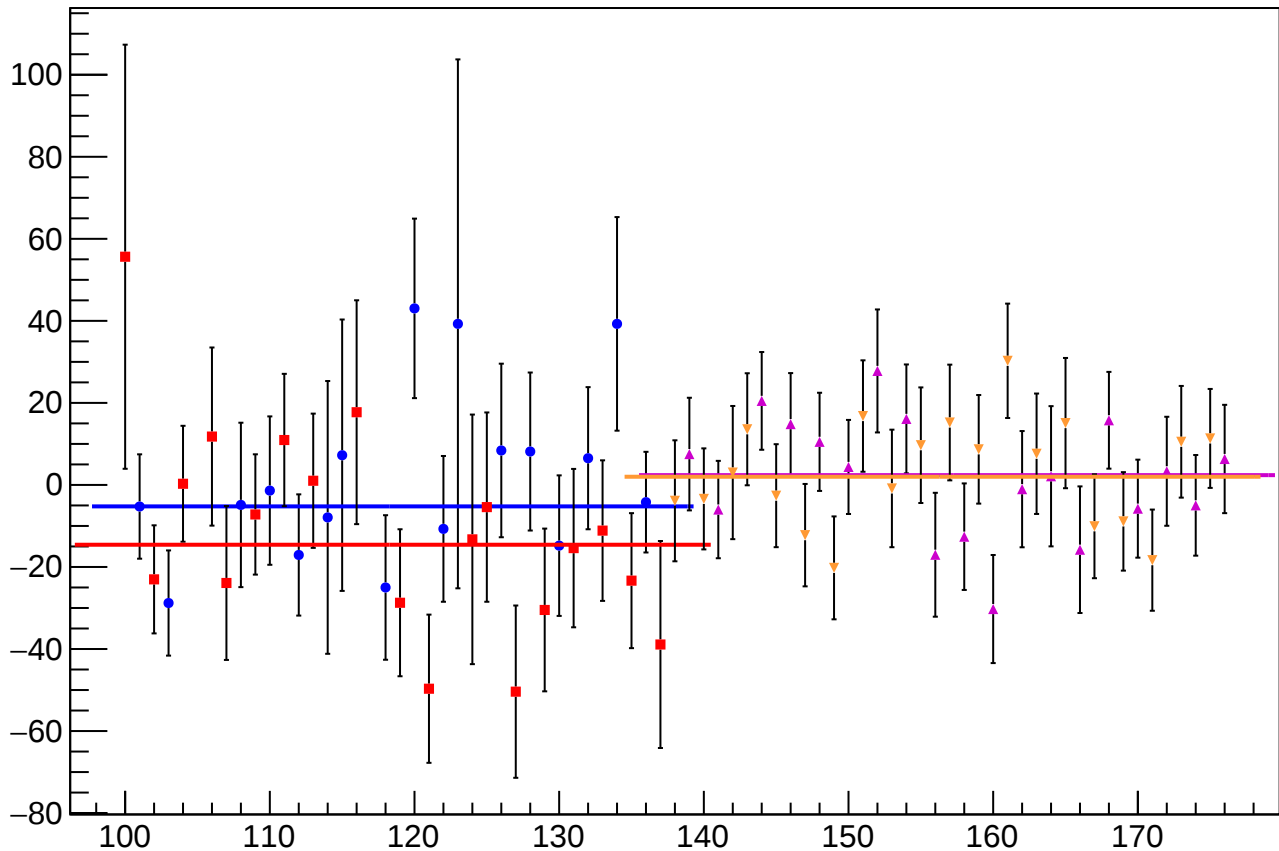
Left In: 179.600 $\pm$ 0.035 χ^2 /NDF:1602086.8/18

+ sign 205.314 $\pm$ 0.032 χ^2 /NDF: 2328389.4/36

All: 189.329 $\pm$ 0.021 χ^2 /NDF: 5951322.7/74

- sign 177.060 $\pm$ 0.028 χ^2 /NDF: 3195272.2/37

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.231 ± 4.356 χ^2/NDF : 15.5/16

Left Out: 1.998 ± 2.998 χ^2/NDF : 18.7/19

Right Out: -14.579 ± 4.265 χ^2/NDF : 19.5/18

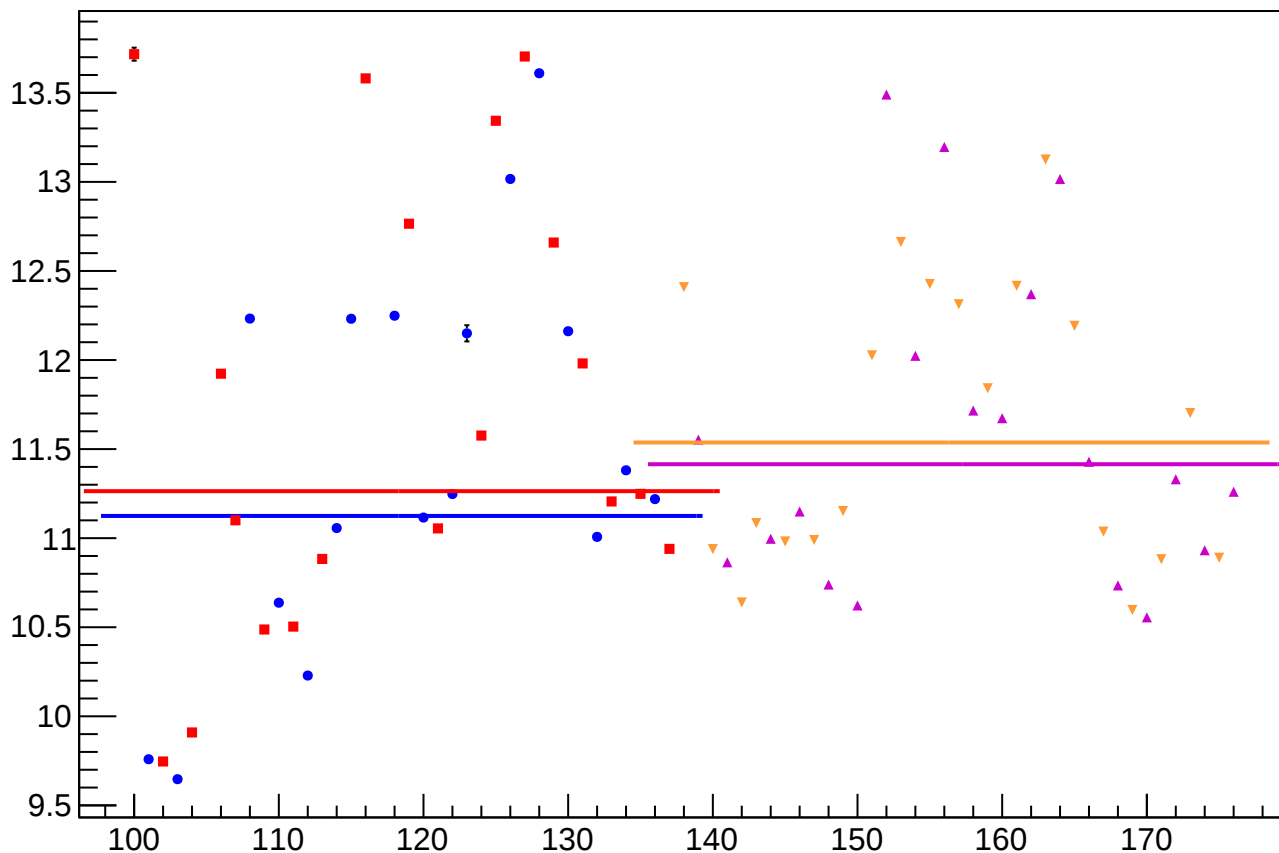
Left In: 2.386 ± 2.994 χ^2/NDF : 21.2/18

+ sign -0.325 ± 2.469 χ^2/NDF : 36.1/36

All: -1.781 ± 1.739 χ^2/NDF : 88.0/74

- sign -3.215 ± 2.451 χ^2/NDF : 51.3/37

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: 11.537 $\pm$ 0.002 χ^2 /NDF:121564.2/19

Right Out: 11.264 $\pm$ 0.003 χ^2 /NDF: 147733.2/18

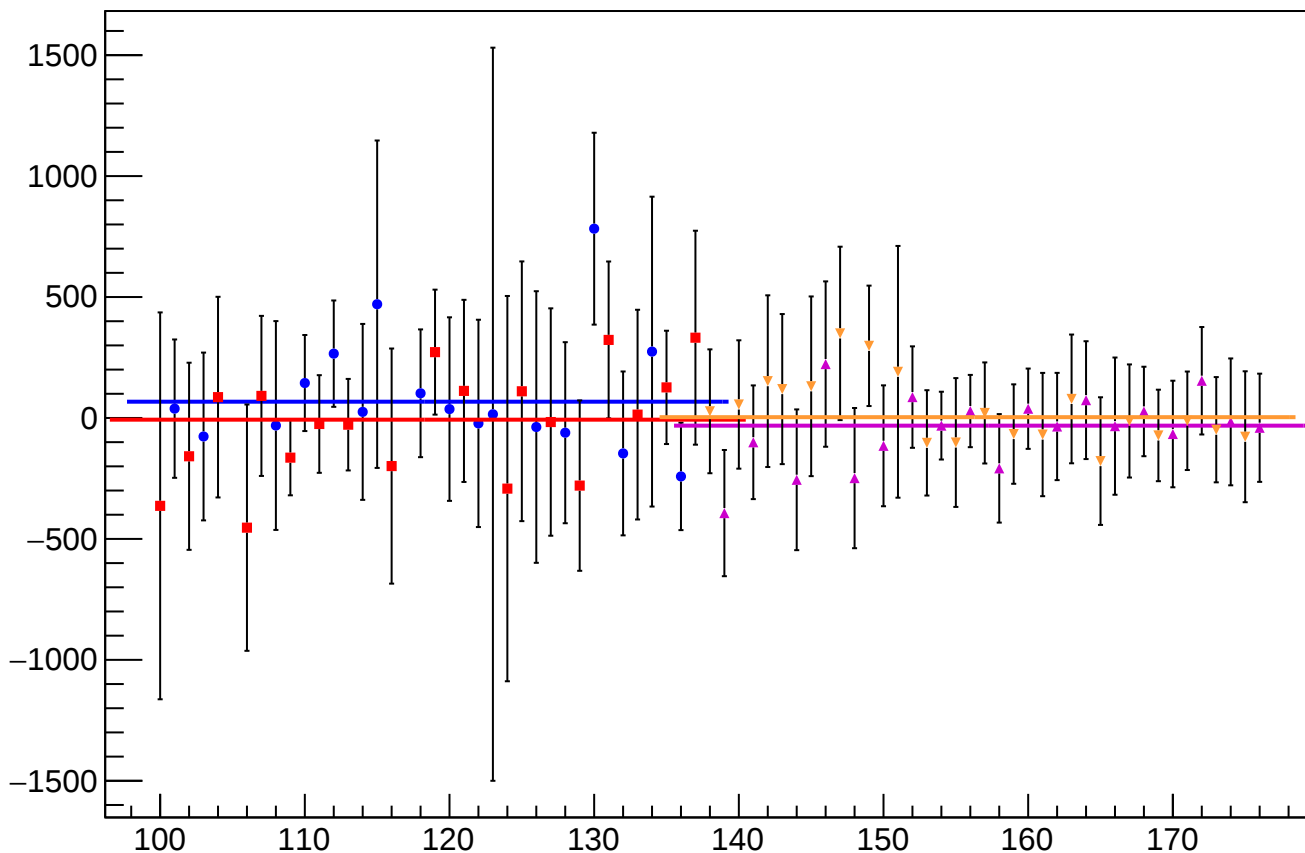
Left In: 11.415 $\pm$ 0.002 χ^2 /NDF:143098.4/18

+ sign 11.405 $\pm$ 0.002 χ^2 /NDF: 266236.4/36

All: 11.385 $\pm$ 0.001 χ^2 /NDF: 559005.7/74

- sign 11.365 $\pm$ 0.002 χ^2 /NDF: 292513.3/37

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 67.305 $\pm$ 79.817 χ^2 /NDF: 7.5/16

Left Out: 3.317 $\pm$ 56.484 χ^2 /NDF: 4.4/19

Right Out: -7.039 $\pm$ 70.212 χ^2 /NDF: 6.4/18

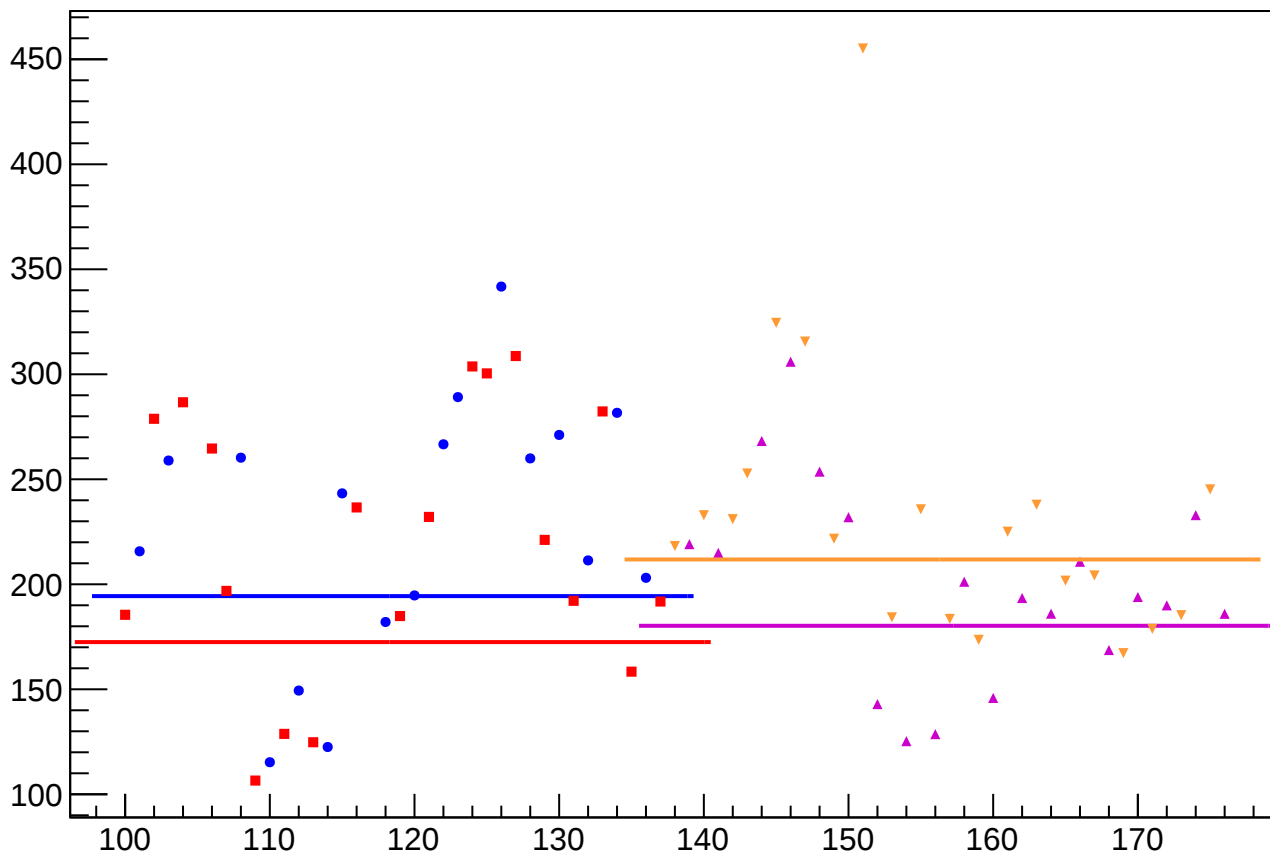
Left In: -31.761 $\pm$ 49.389 χ^2 /NDF: 6.1/18

+ sign 24.669 $\pm$ 46.107 χ^2 /NDF: 12.3/36

All: -2.626 $\pm$ 30.384 χ^2 /NDF: 25.6/74

- sign -23.577 $\pm$ 40.396 χ^2 /NDF: 12.6/37

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: 211.808 $\pm$ 0.040 χ^2 /NDF:1254517.6/19

Right Out: 172.471 $\pm$ 0.050 χ^2 /NDF: 1569648.4/18

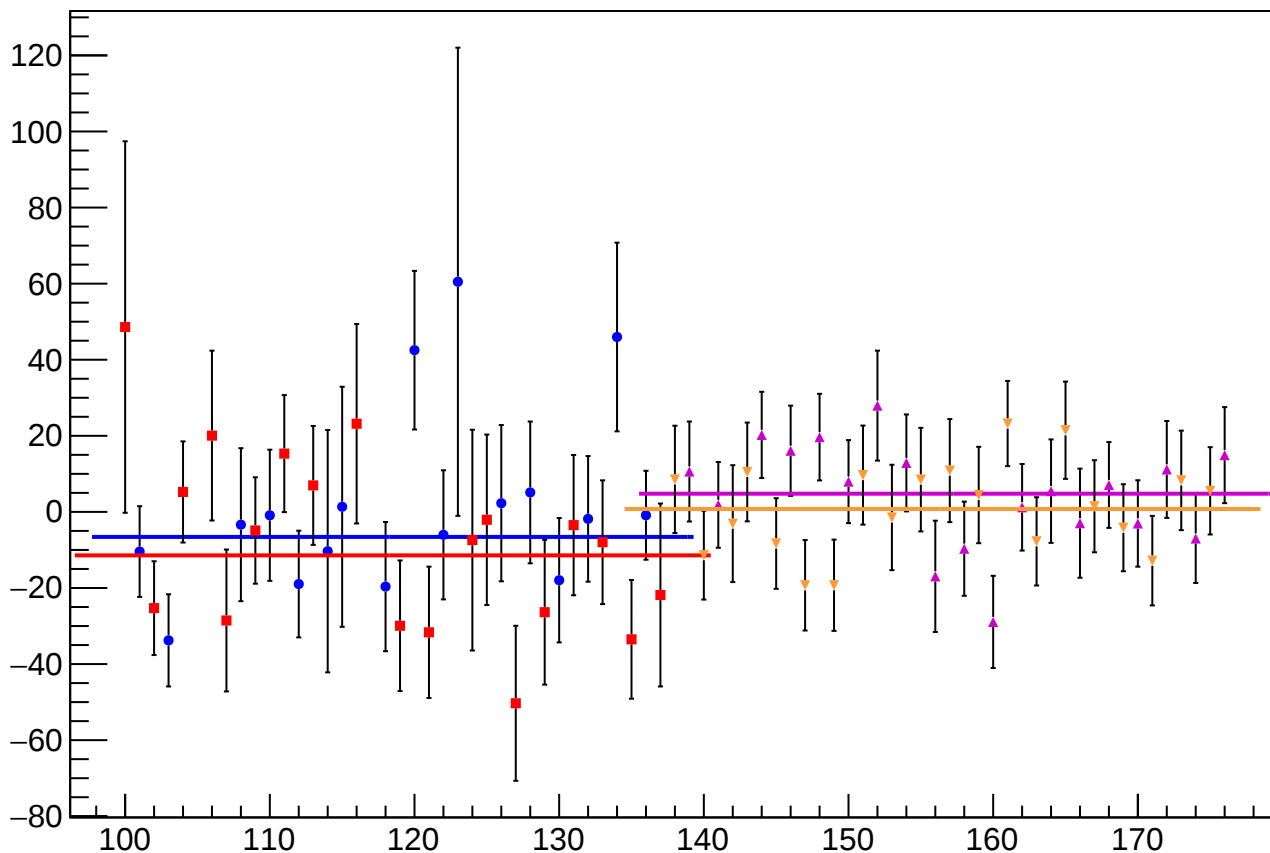
Left In: 180.236 $\pm$ 0.035 χ^2 /NDF:1600373.9/18

+ sign 205.988 $\pm$ 0.033 χ^2 /NDF: 2323394.2/36

All: 189.965 $\pm$ 0.021 χ^2 /NDF: 5936703.3/74

- sign 177.666 $\pm$ 0.029 χ^2 /NDF: 3186384.1/37

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: 0.758 ± 2.790 χ^2/NDF : 18.9/19

Right Out: -11.423 ± 4.080 χ^2/NDF : 23.0/18

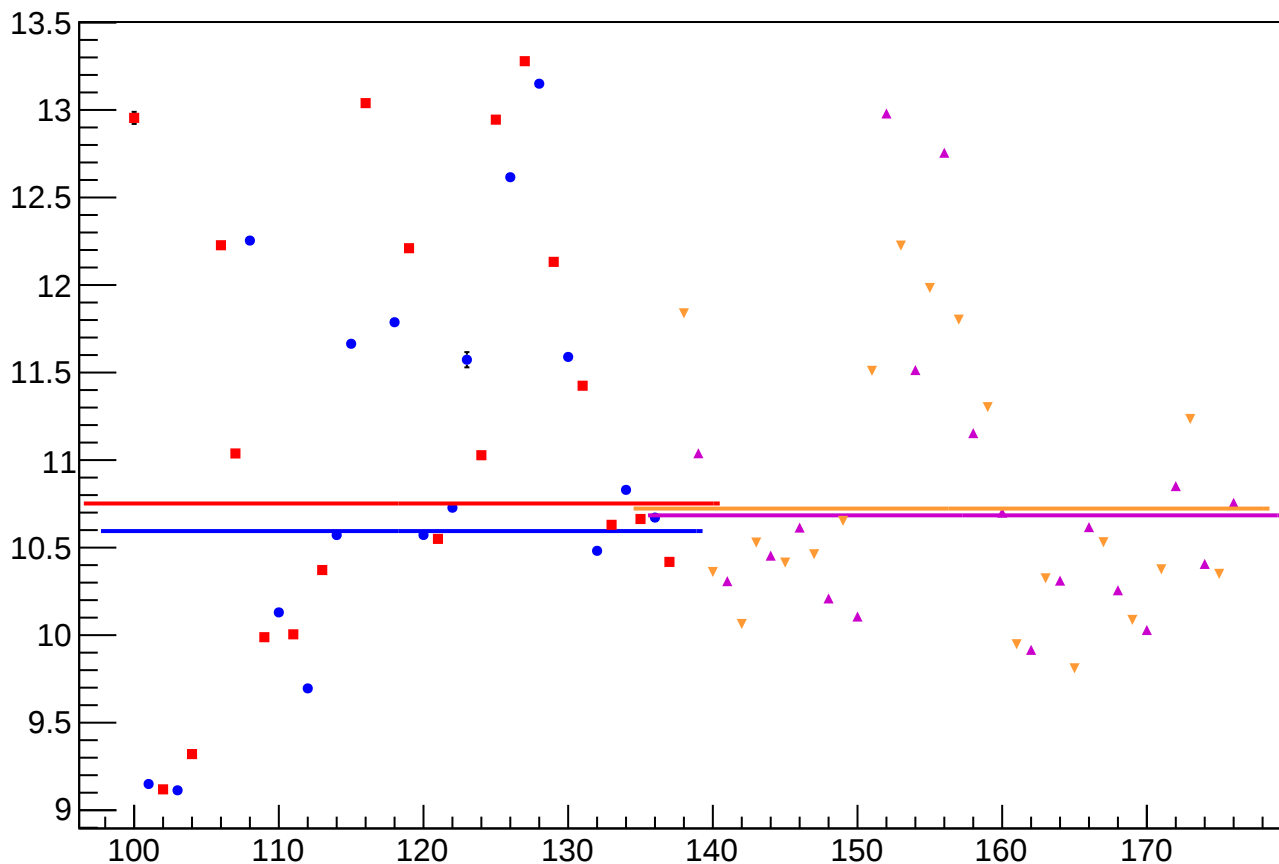
Left In: 4.786 ± 2.806 χ^2/NDF : 21.9/18

+ sign -1.520 ± 2.317 χ^2/NDF : 40.4/36

All: -0.969 ± 1.637 χ^2/NDF : 96.1/74

- sign -0.420 ± 2.312 χ^2/NDF : 55.6/37

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.594 ± 0.003 χ^2/NDF : 160059.2/16

Left Out: 10.723 ± 0.002 χ^2/NDF : 121480.9/19

Right Out: 10.752 ± 0.003 χ^2/NDF : 177173.0/18

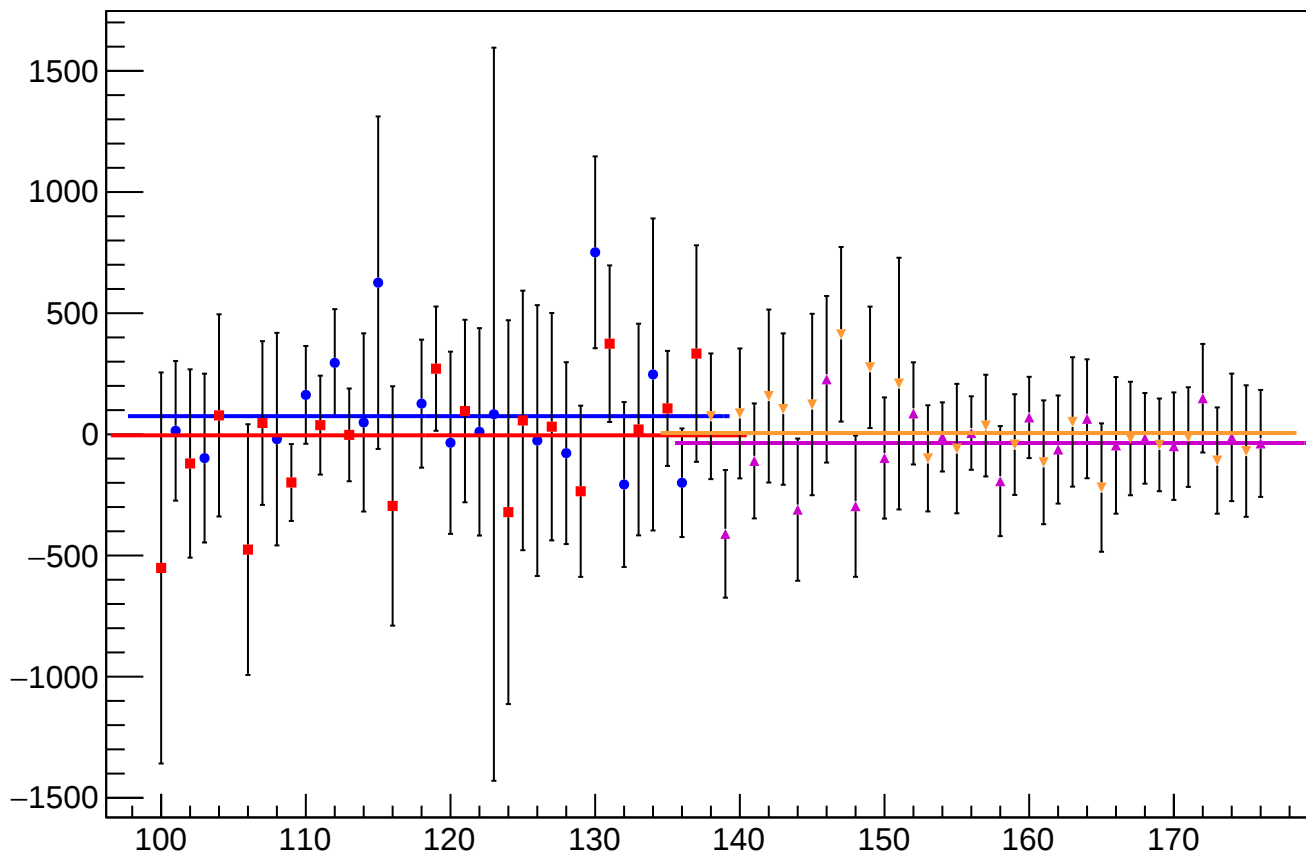
Left In: 10.684 ± 0.002 χ^2/NDF : 137329.1/18

+ sign 10.683 ± 0.002 χ^2/NDF : 282857.9/36

All: 10.695 ± 0.001 χ^2/NDF : 597832.8/74

- sign 10.706 ± 0.002 χ^2/NDF : 314876.5/37

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 75.086 $\pm$ 80.352 χ^2 /NDF: 7.7/16

Left Out: 5.506 $\pm$ 56.867 χ^2 /NDF: 4.9/19

Right Out: -3.999 $\pm$ 70.883 χ^2 /NDF: 7.3/18

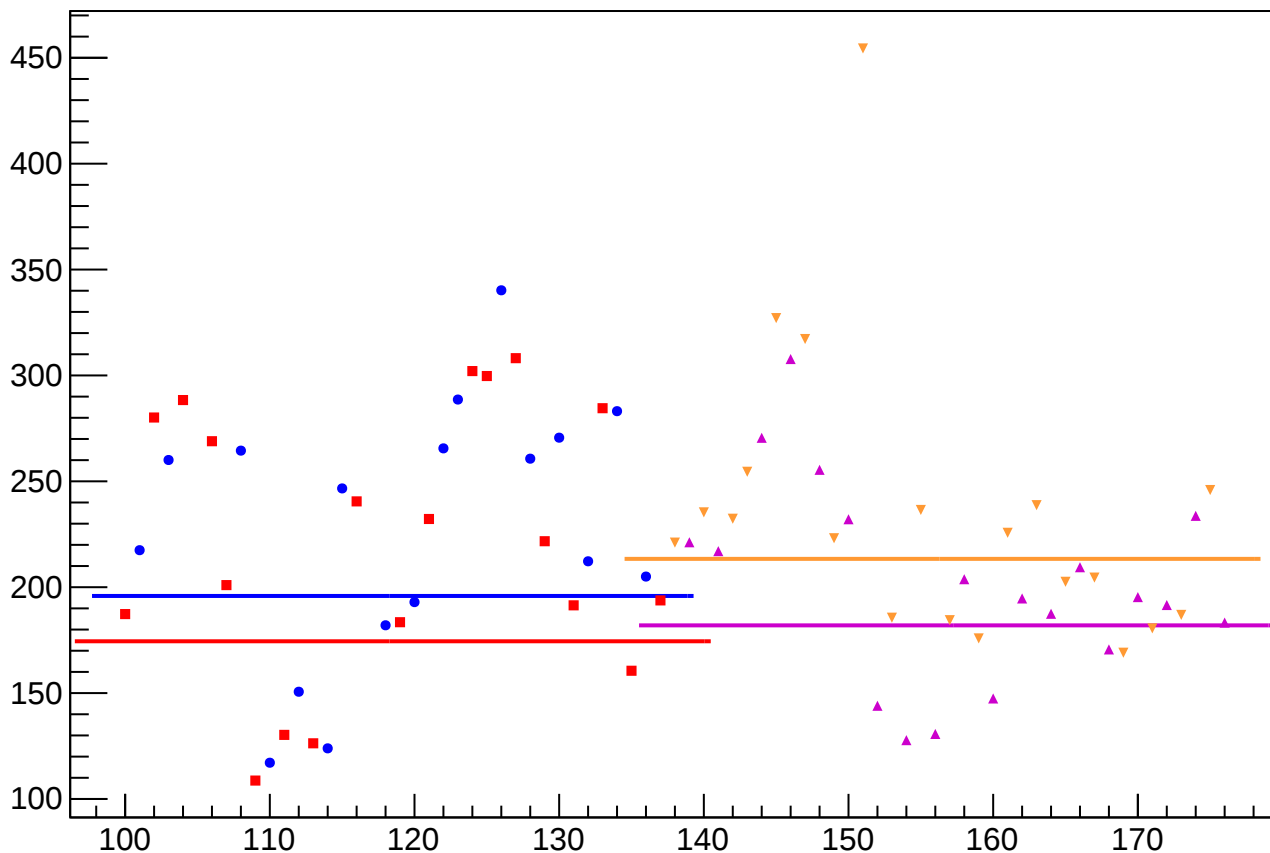
Left In: -35.701 $\pm$ 49.808 χ^2 /NDF: 6.6/18

+ sign 28.726 $\pm$ 46.418 χ^2 /NDF: 13.1/36

All: -1.739 $\pm$ 30.625 χ^2 /NDF: 28.0/74

- sign -25.222 $\pm$ 40.753 χ^2 /NDF: 14.1/37

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: 213.384 $\pm$ 0.040 χ^2 /NDF:1235280.9/19

Right Out: 174.465 $\pm$ 0.050 χ^2 /NDF: 1528778.5/18

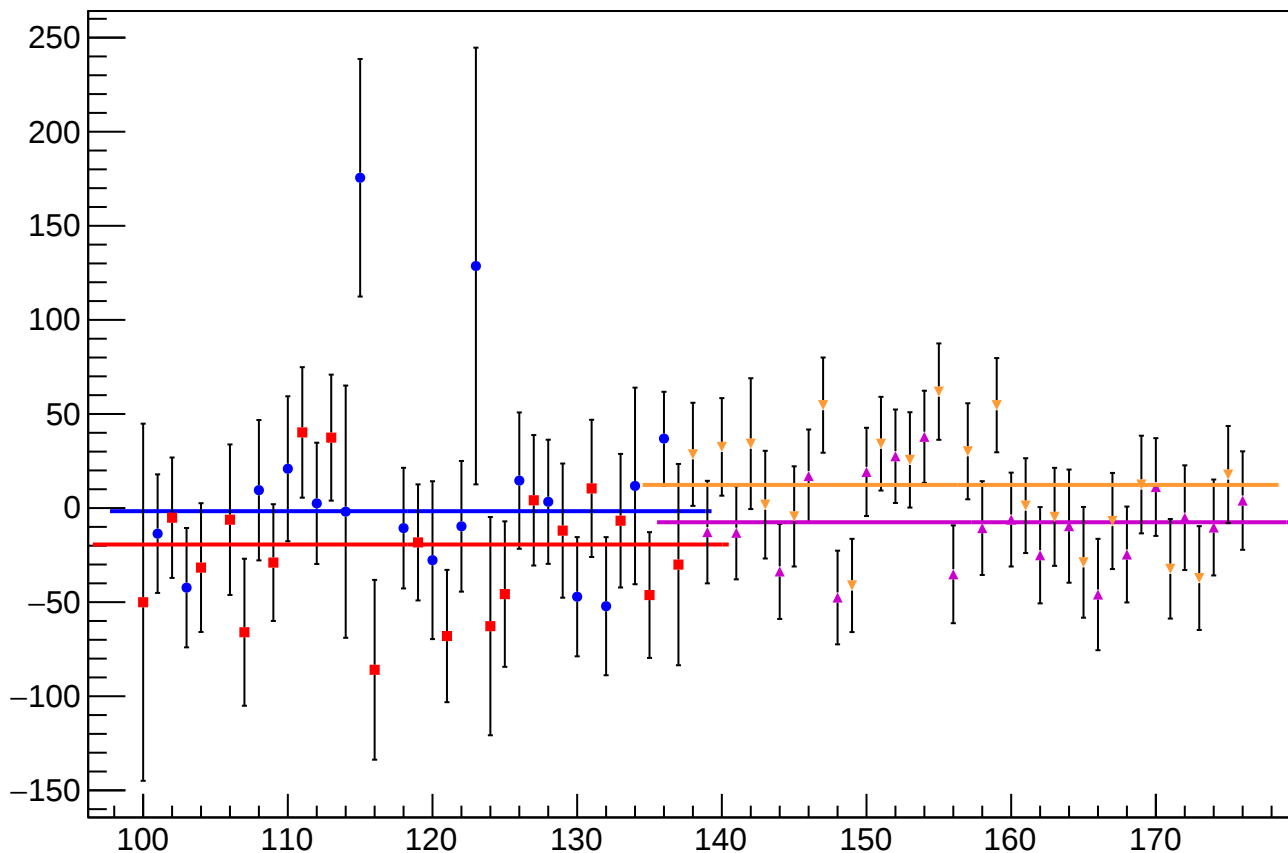
Left In: 181.979 $\pm$ 0.035 χ^2 /NDF:1552357.7/18

+ sign 207.539 $\pm$ 0.033 χ^2 /NDF: 2277845.1/36

All: 191.702 $\pm$ 0.022 χ^2 /NDF: 5786258.6/74

- sign 179.495 $\pm$ 0.029 χ^2 /NDF: 3096180.9/37

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: 12.302 ± 5.896 χ^2/NDF : 26.7/19

Right Out: -19.357 ± 8.556 χ^2/NDF : 14.8/18

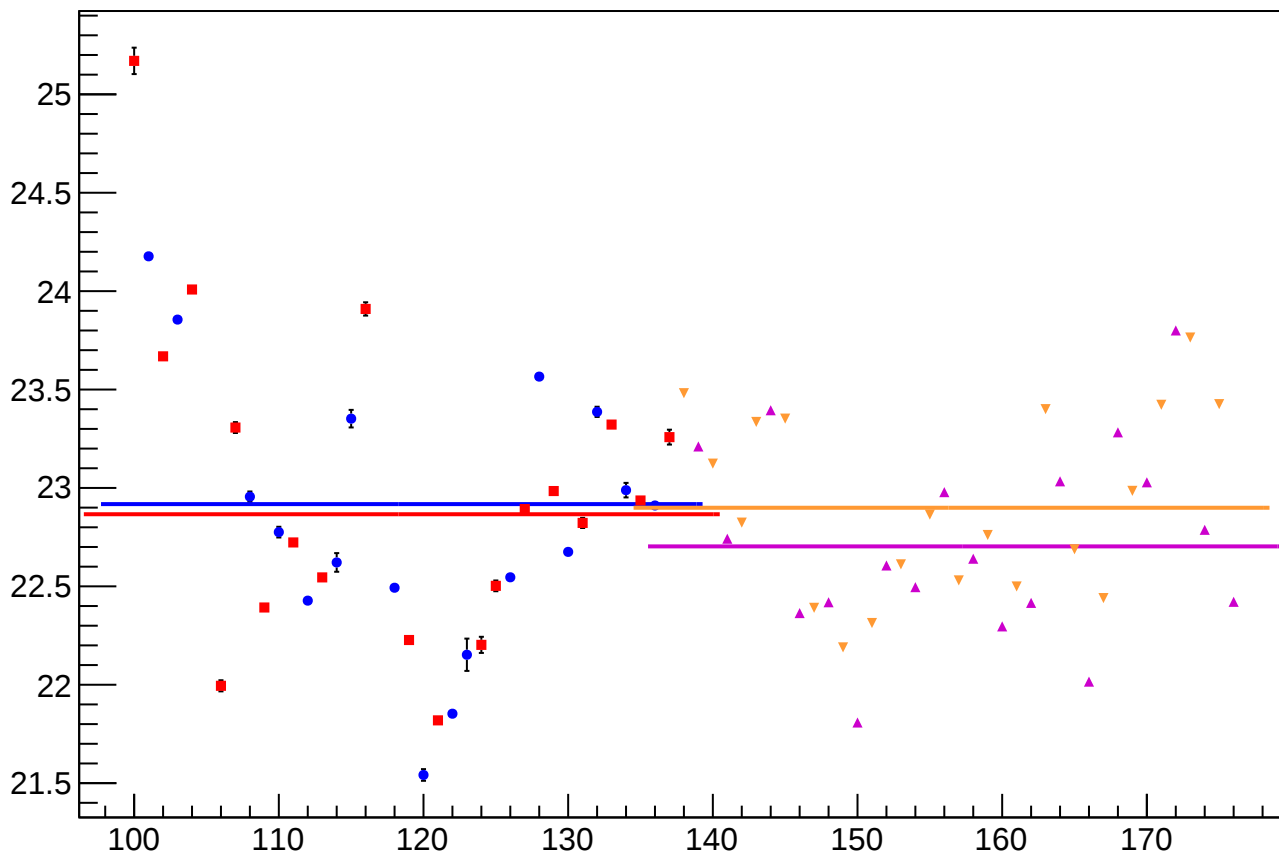
Left In: -7.532 ± 5.904 χ^2/NDF : 16.0/18

+ sign 8.033 ± 4.912 χ^2/NDF : 47.0/36

All: -1.761 ± 3.455 χ^2/NDF : 86.9/74

- sign -11.347 ± 4.860 χ^2/NDF : 32.0/37

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: 22.899 $\pm$ 0.004 χ^2/NDF : 11998.7/19

Right Out: 22.866 $\pm$ 0.006 χ^2/NDF : 11052.6/18

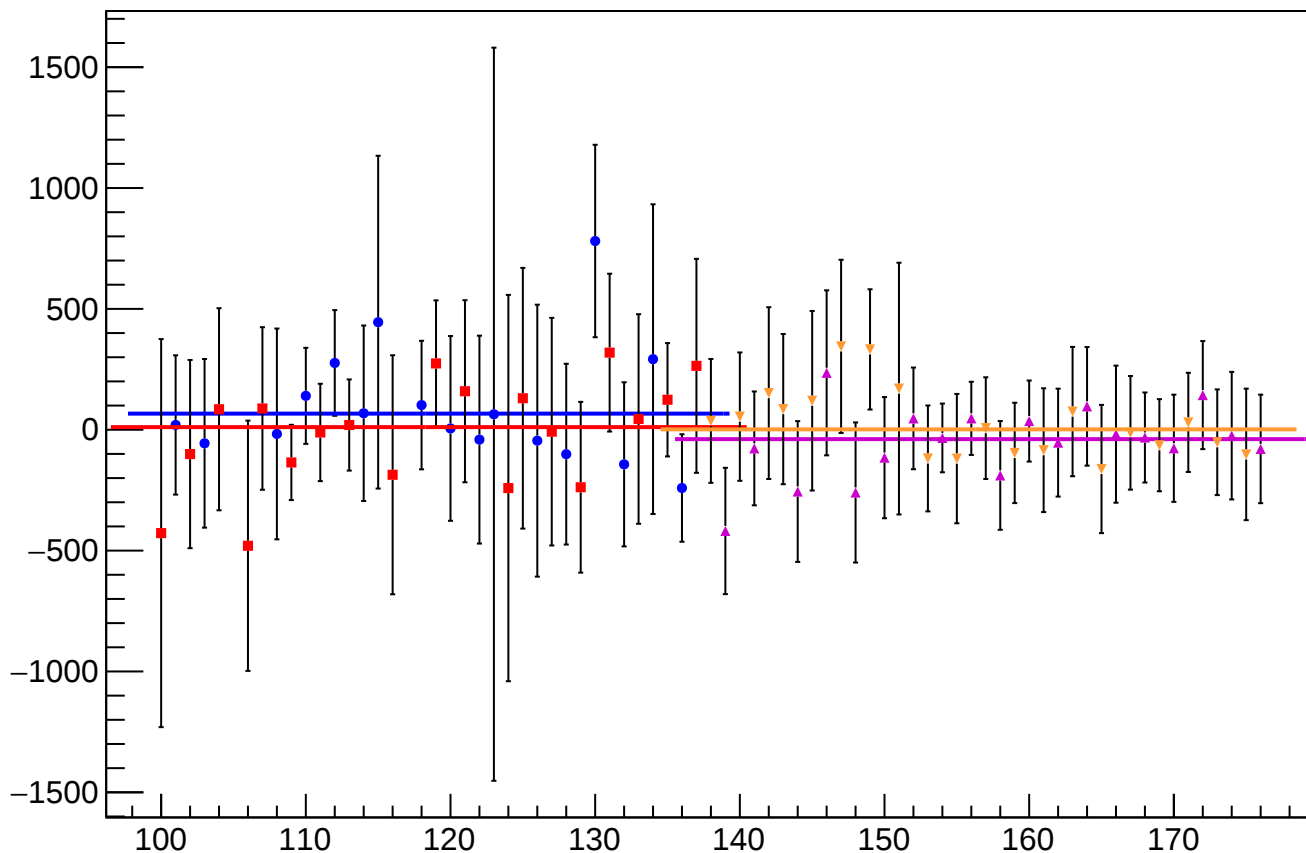
Left In: 22.703 $\pm$ 0.004 χ^2/NDF : 12974.4/18

+ sign 22.905 $\pm$ 0.003 χ^2/NDF : 23476.9/36

All: 22.830 $\pm$ 0.002 χ^2/NDF : 48931.6/74

- sign 22.756 $\pm$ 0.003 χ^2/NDF : 24521.0/37

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 66.701 $\pm$ 79.995 χ^2 /NDF: 7.5/16

Left Out: 1.550 $\pm$ 56.755 χ^2 /NDF: 4.8/19

Right Out: 10.870 $\pm$ 70.386 χ^2 /NDF: 5.7/18

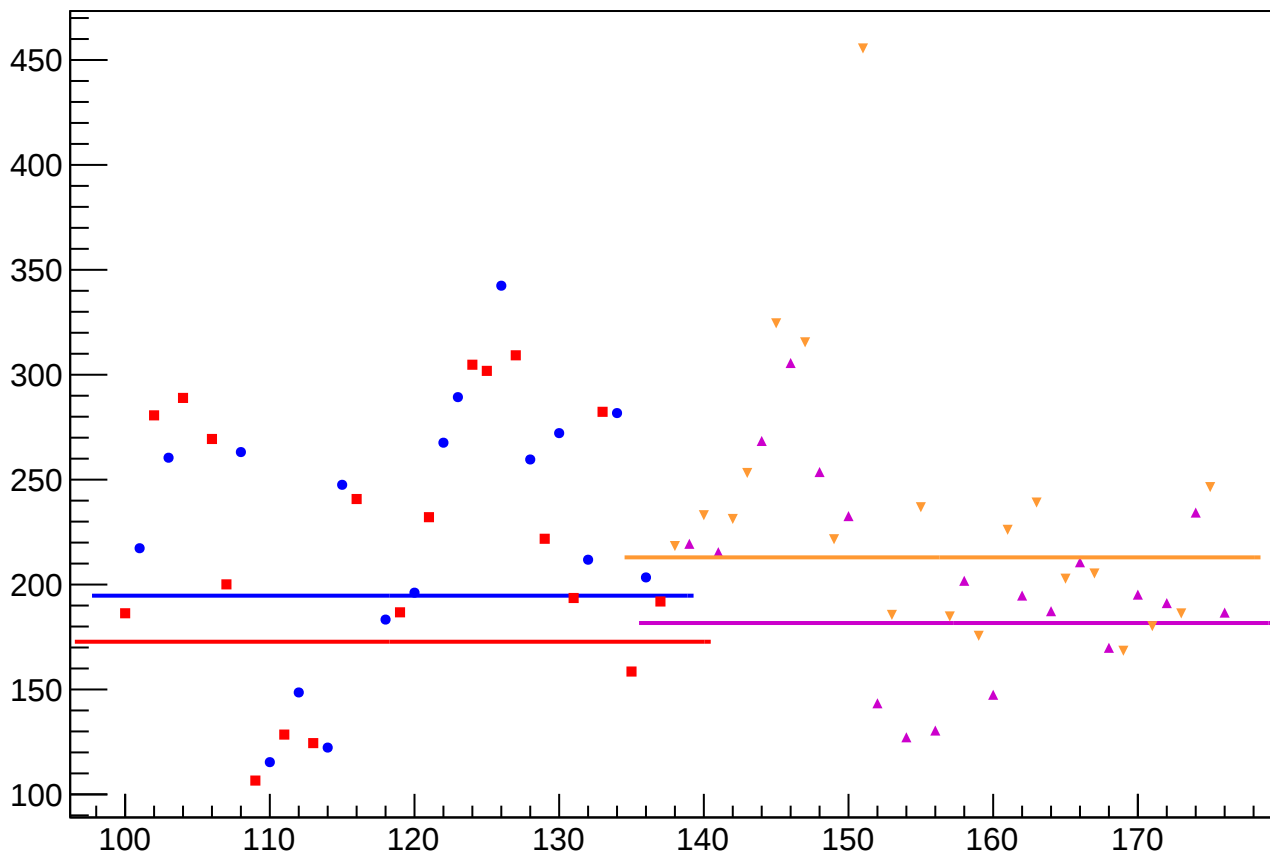
Left In: -38.816 $\pm$ 49.727 χ^2 /NDF: 6.2/18

+ sign 23.364 $\pm$ 46.289 χ^2 /NDF: 12.8/36

All: -2.422 $\pm$ 30.529 χ^2 /NDF: 25.6/74

- sign -22.273 $\pm$ 40.614 χ^2 /NDF: 12.2/37

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.703+/-0.057 χ^2/NDF : 1019872.4/16

Left Out: 212.959+/-0.040 χ^2/NDF :1229031.1/19

Right Out: 172.753+/-0.050 χ^2/NDF : 1596944.9/18

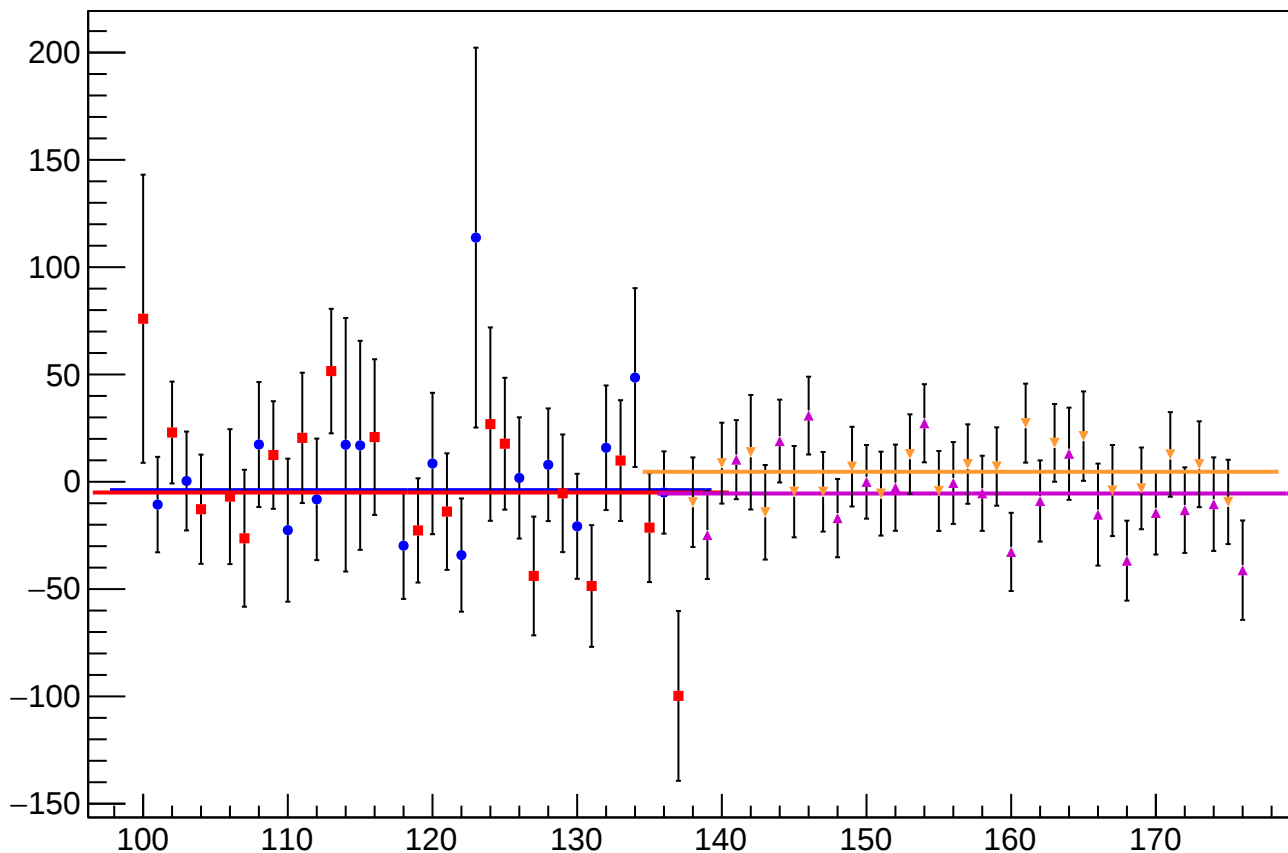
Left In: 181.675+/-0.035 χ^2/NDF :1546268.6/18

+ sign 206.846+/-0.033 χ^2/NDF : 2318193.7/36

All: 190.945+/-0.022 χ^2/NDF : 5900538.2/74

- sign 178.704+/-0.029 χ^2/NDF : 3164645.5/37

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.894 ± 6.915 χ^2/NDF : 8.4/16

Left Out: 4.672 ± 4.391 χ^2/NDF : 6.3/19

Right Out: -4.985 ± 6.727 χ^2/NDF : 21.3/18

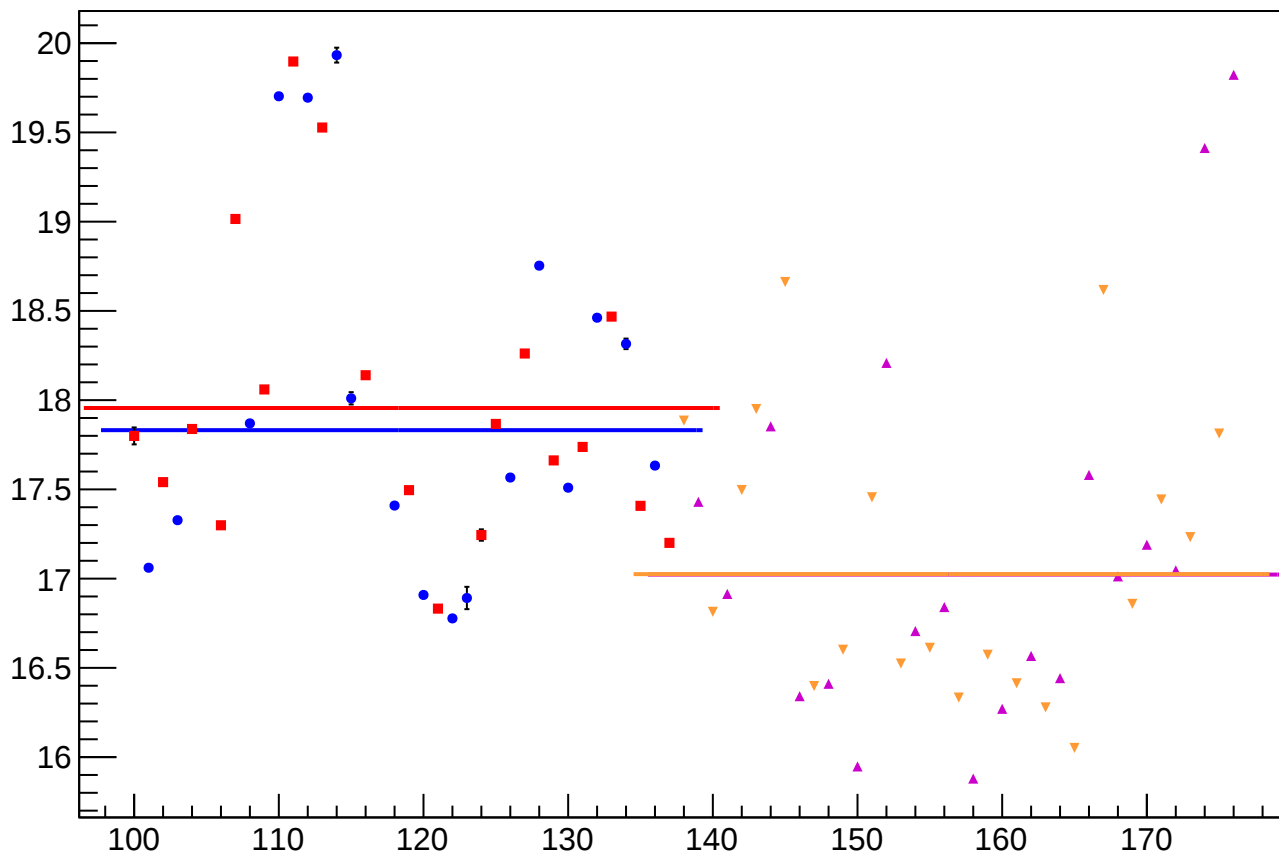
Left In: -5.458 ± 4.439 χ^2/NDF : 19.9/18

+ sign 2.211 ± 3.707 χ^2/NDF : 15.8/36

All: -1.553 ± 2.621 χ^2/NDF : 59.1/74

- sign -5.314 ± 3.705 χ^2/NDF : 41.2/37

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: 17.025 $\pm$ 0.003 χ^2 /NDF: 56077.0/19

Right Out: 17.956 $\pm$ 0.005 χ^2 /NDF: 25448.9/18

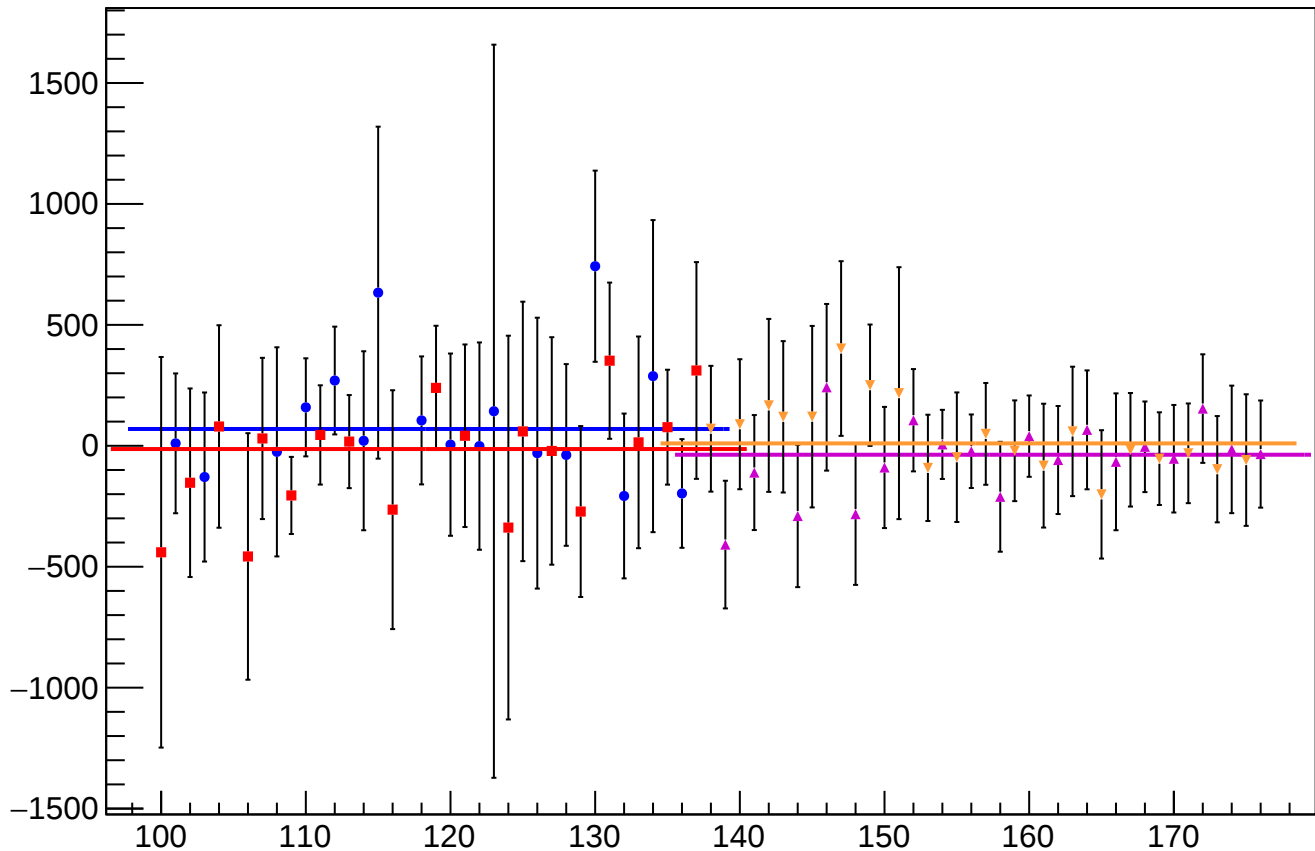
Left In: 17.023 $\pm$ 0.003 χ^2 /NDF: 94357.5/18

+ sign 17.257 $\pm$ 0.003 χ^2 /NDF: 106334.3/36

All: 17.281 $\pm$ 0.002 χ^2 /NDF: 253131.8/74

- sign 17.306 $\pm$ 0.003 χ^2 /NDF: 146623.0/37

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: 9.980 $\pm$ 56.993 χ^2 /NDF: 4.4/19

Right Out: -13.410 $\pm$ 71.041 χ^2 /NDF: 6.7/18

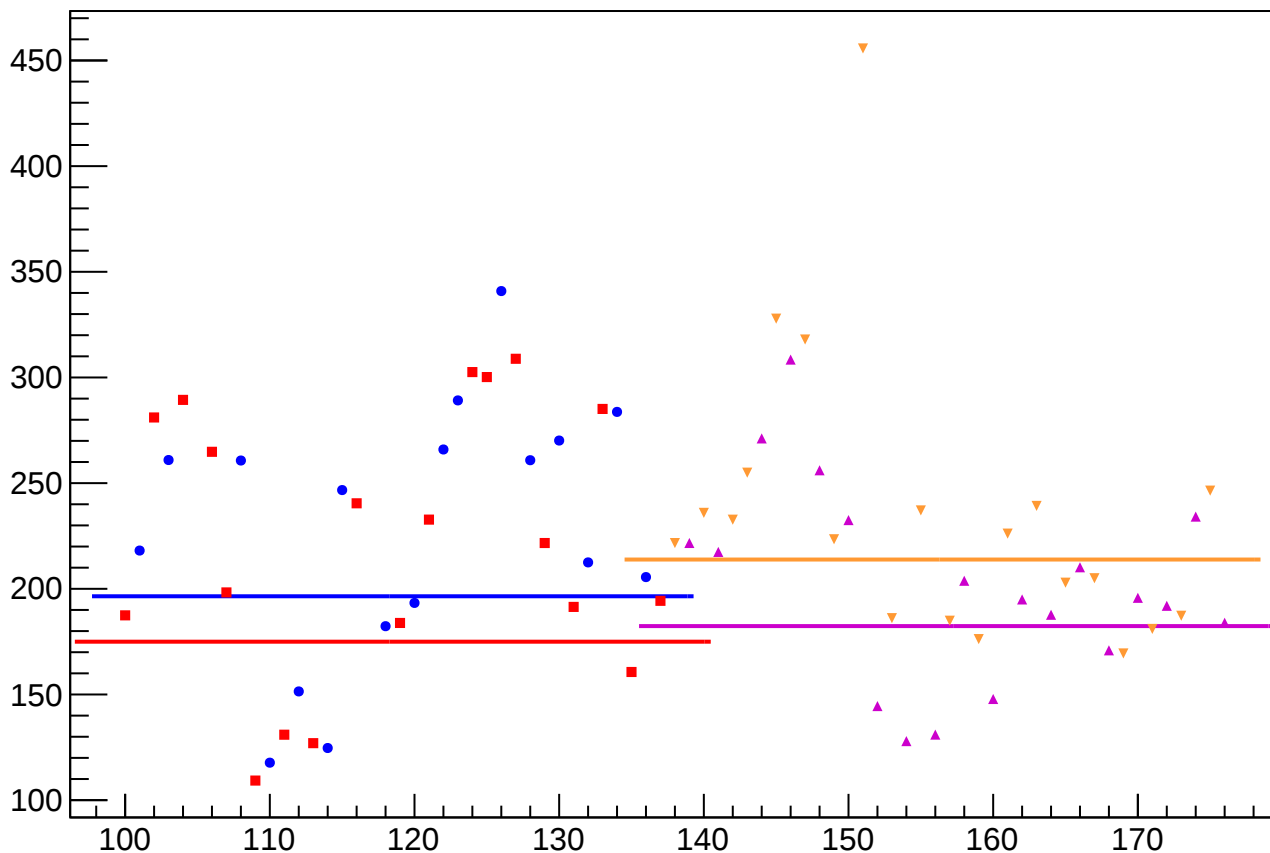
Left In: -36.956 $\pm$ 49.913 χ^2 /NDF: 6.5/18

+ sign 29.840 $\pm$ 46.525 χ^2 /NDF: 12.1/36

All: -3.491 $\pm$ 30.693 χ^2 /NDF: 26.3/74

- sign -29.174 $\pm$ 40.840 χ^2 /NDF: 13.3/37

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: 213.855 $\pm$ 0.040 χ^2 /NDF:1235520.6/19

Right Out: 174.981 $\pm$ 0.050 χ^2 /NDF: 1511102.3/18

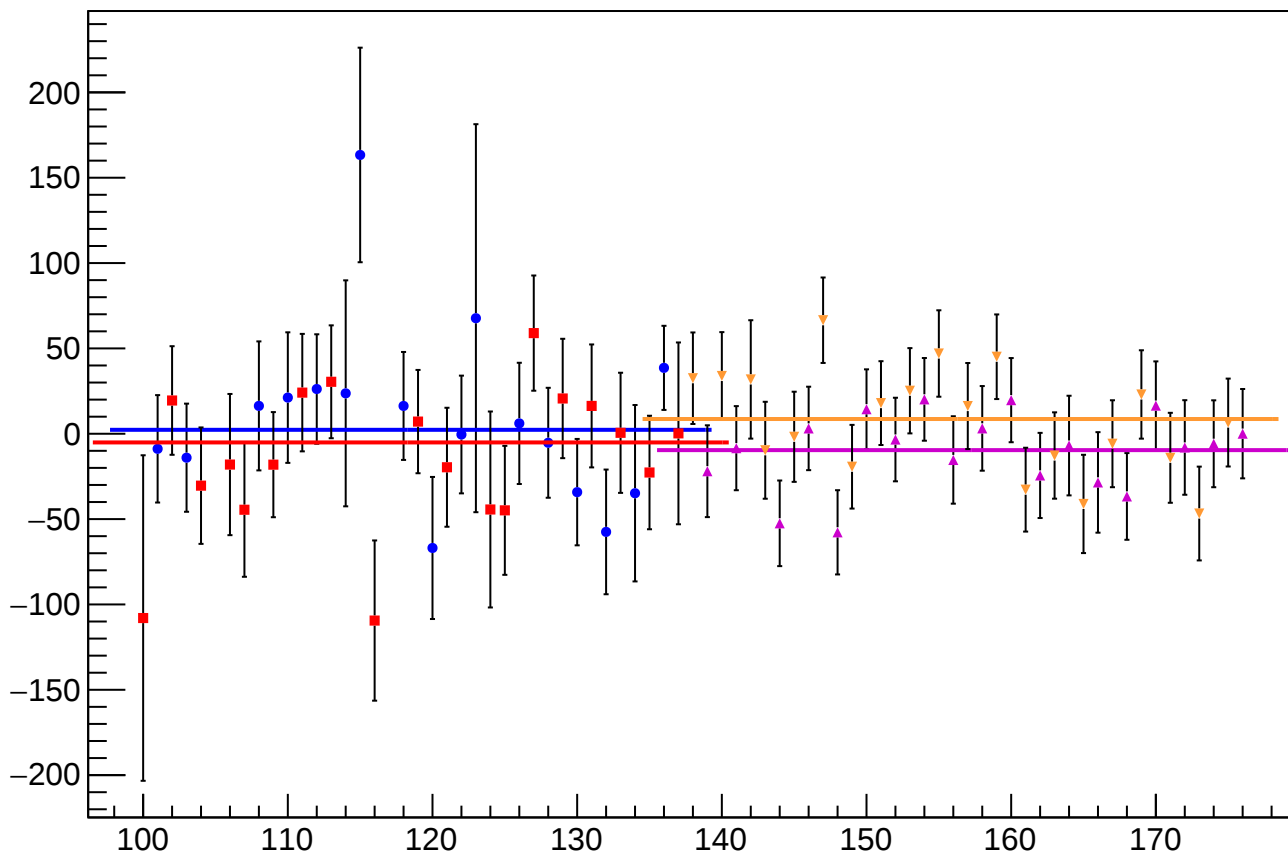
Left In: 182.361 $\pm$ 0.035 χ^2 /NDF:1552146.9/18

+ sign 208.055 $\pm$ 0.033 χ^2 /NDF: 2261885.8/36

All: 192.166 $\pm$ 0.022 χ^2 /NDF: 5752621.3/74

- sign 179.922 $\pm$ 0.029 χ^2 /NDF: 3077699.8/37

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: 8.637 ± 5.829 $\chi^2/\text{NDF}: 26.5/19$

Right Out: -5.089 ± 8.479 $\chi^2/\text{NDF}: 17.1/18$

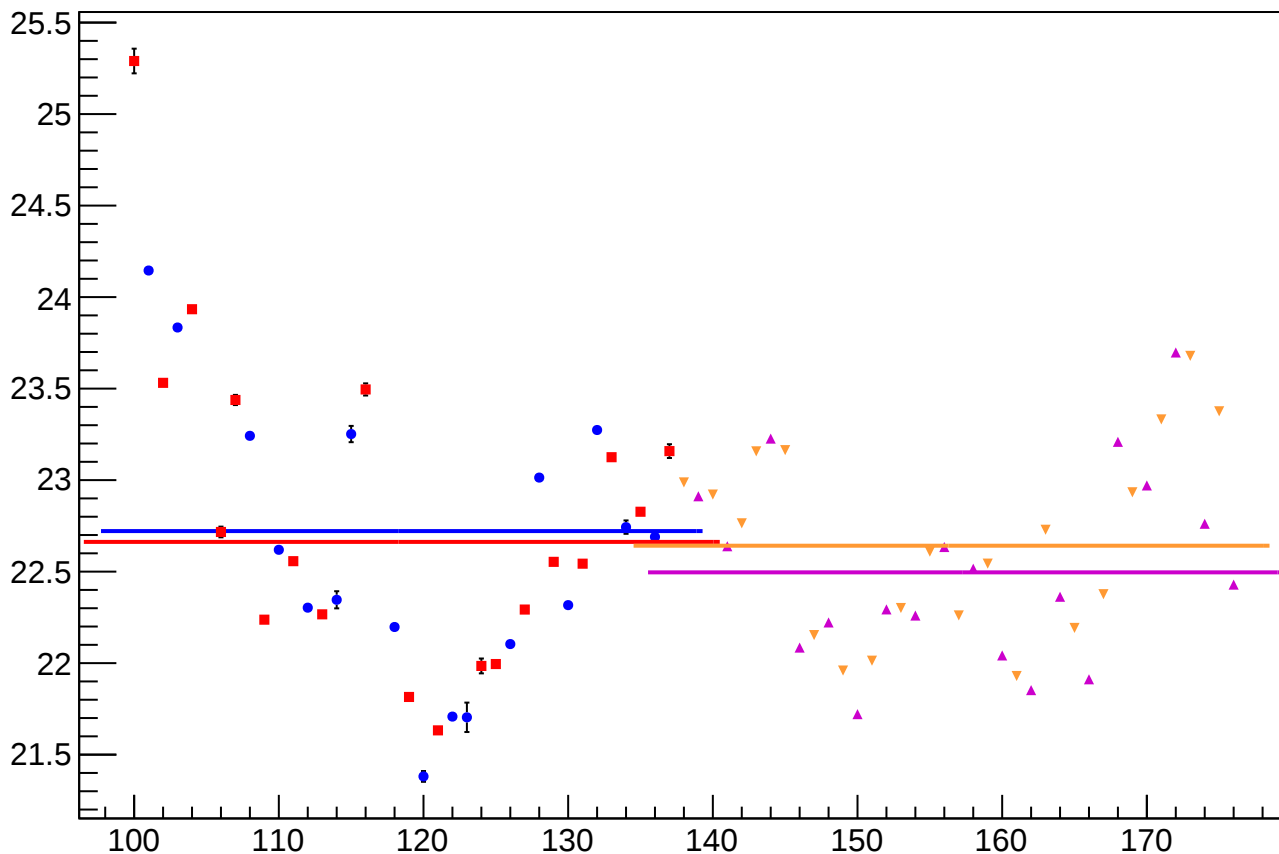
Left In: -9.592 ± 5.850 $\chi^2/\text{NDF}: 14.7/18$

+ sign 6.708 ± 4.861 $\chi^2/\text{NDF}: 45.0/36$

All: -0.785 ± 3.421 $\chi^2/\text{NDF}: 81.7/74$

- sign -8.139 ± 4.815 $\chi^2/\text{NDF}: 32.0/37$

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: 22.642 $\pm$ 0.004 χ^2 /NDF:15028.0/19

Right Out: 22.662 $\pm$ 0.006 χ^2 /NDF: 12955.6/18

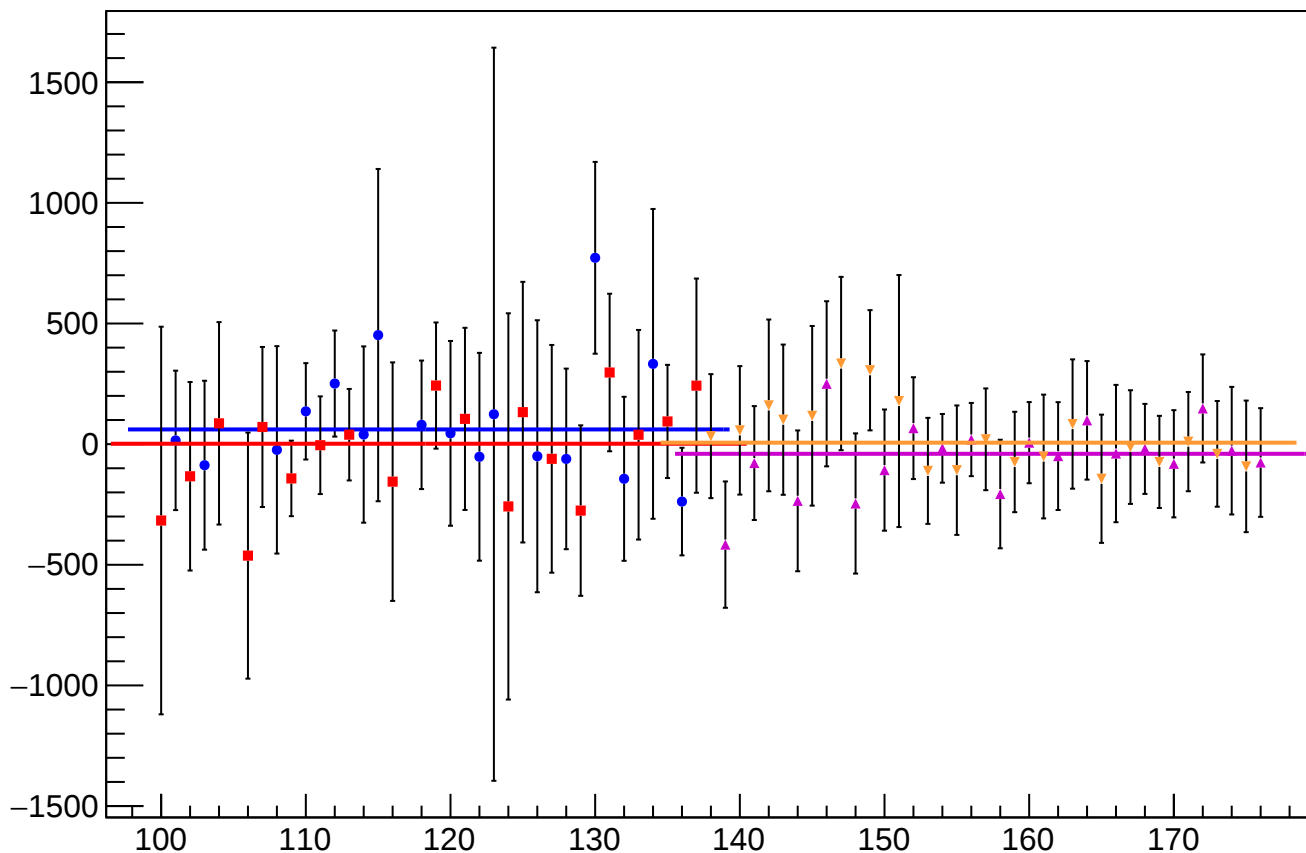
Left In: 22.496 $\pm$ 0.004 χ^2 /NDF:14720.7/18

+ sign 22.666 $\pm$ 0.003 χ^2 /NDF: 28723.1/36

All: 22.607 $\pm$ 0.002 χ^2 /NDF: 57499.4/74

- sign 22.550 $\pm$ 0.003 χ^2 /NDF: 28198.4/37

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: 6.074 $\pm$ 56.882 χ^2 /NDF: 4.2/19

Right Out: 1.647 $\pm$ 70.549 χ^2 /NDF: 5.2/18

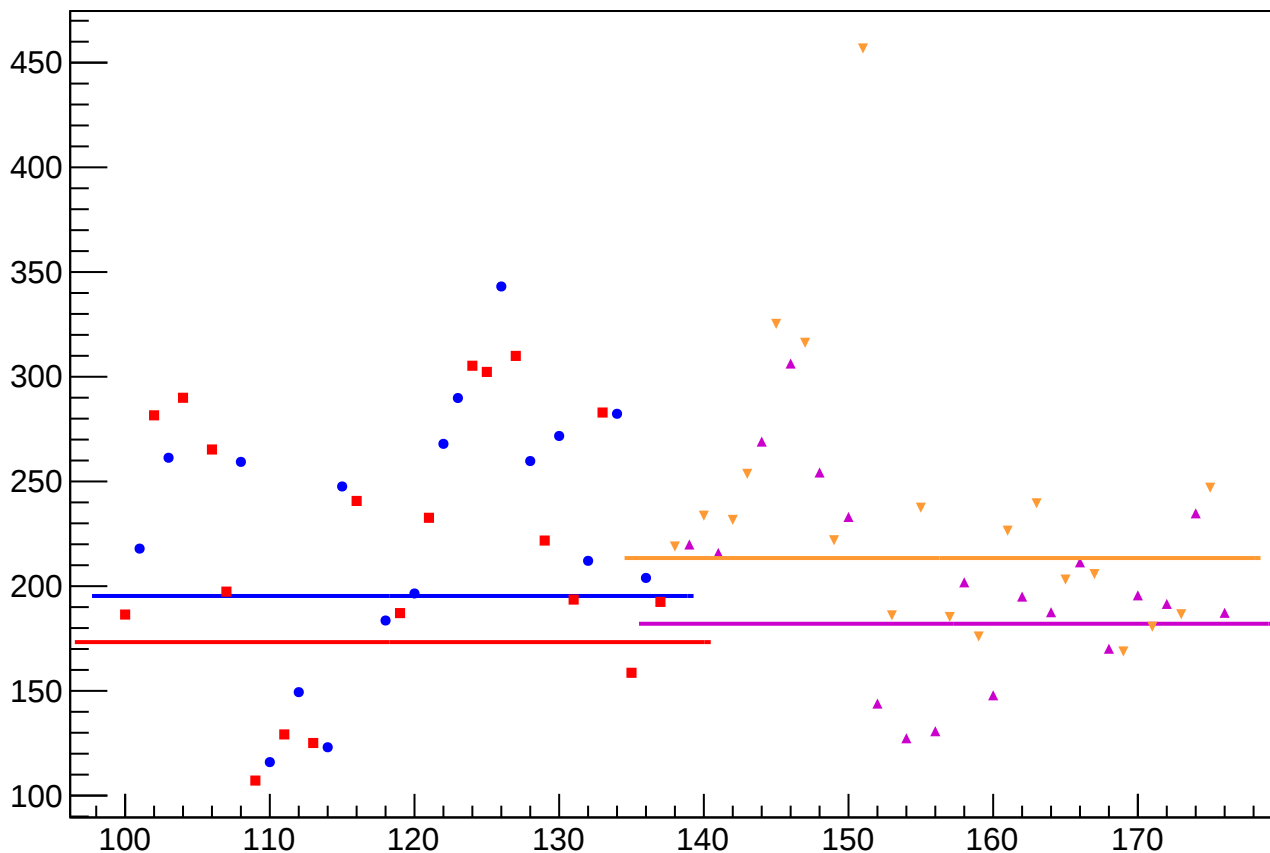
Left In: -40.014 $\pm$ 49.831 χ^2 /NDF: 6.0/18

+ sign 24.444 $\pm$ 46.396 χ^2 /NDF: 11.8/36

All: -4.145 $\pm$ 30.597 χ^2 /NDF: 23.8/74

- sign -26.147 $\pm$ 40.702 χ^2 /NDF: 11.4/37

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.316 ± 0.057 $\chi^2/\text{NDF}: 1004211.5/16$

Left Out: 213.430 ± 0.040 $\chi^2/\text{NDF}: 1229274.1/19$

Right Out: 173.285 ± 0.050 $\chi^2/\text{NDF}: 1578382.8/18$

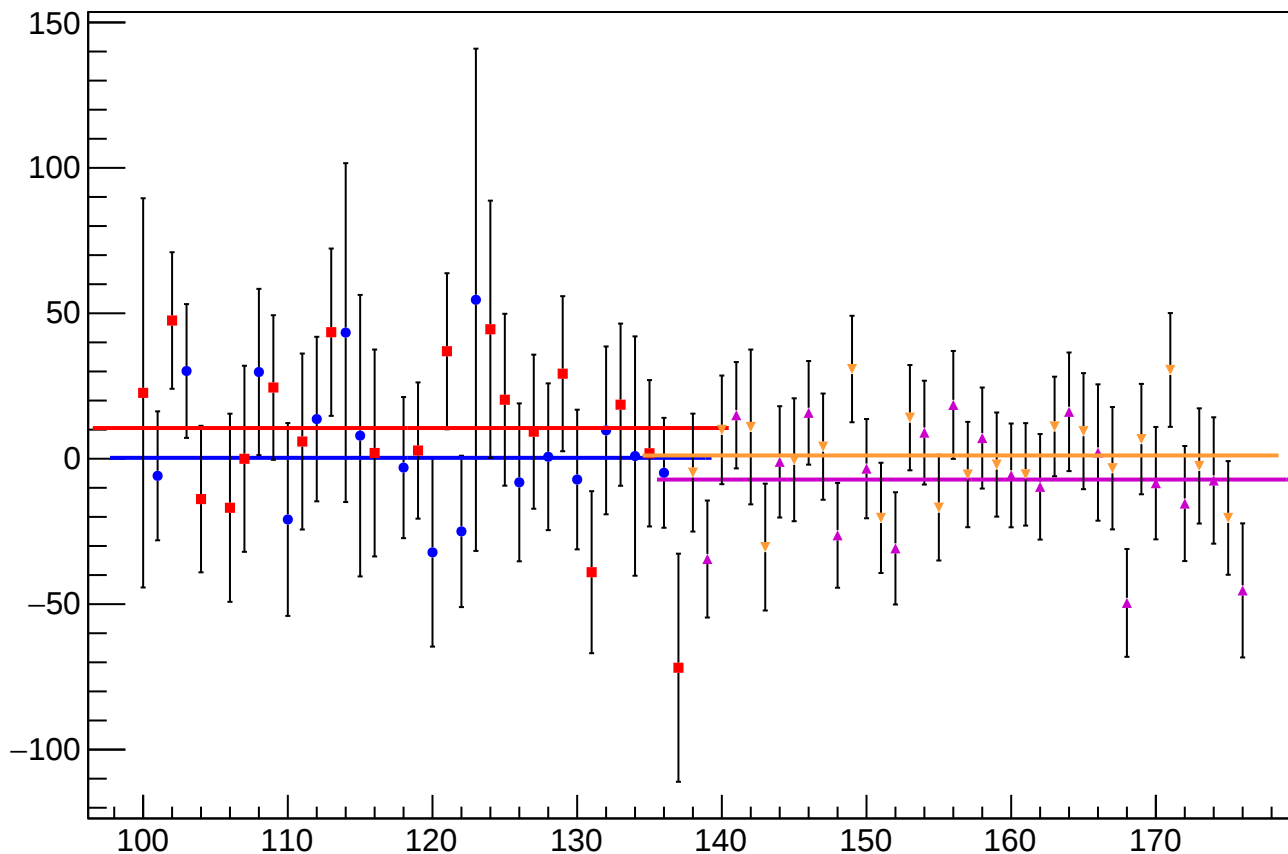
Left In: 182.054 ± 0.035 $\chi^2/\text{NDF}: 1546228.2/18$

+ sign 207.367 ± 0.033 $\chi^2/\text{NDF}: 2301370.8/36$

All: 191.413 ± 0.022 $\chi^2/\text{NDF}: 5865070.7/74$

- sign 179.135 ± 0.029 $\chi^2/\text{NDF}: 3145226.2/37$

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: 1.121 ± 4.302 χ^2/NDF : 12.4/19

Right Out: 10.553 ± 6.628 χ^2/NDF : 16.0/18

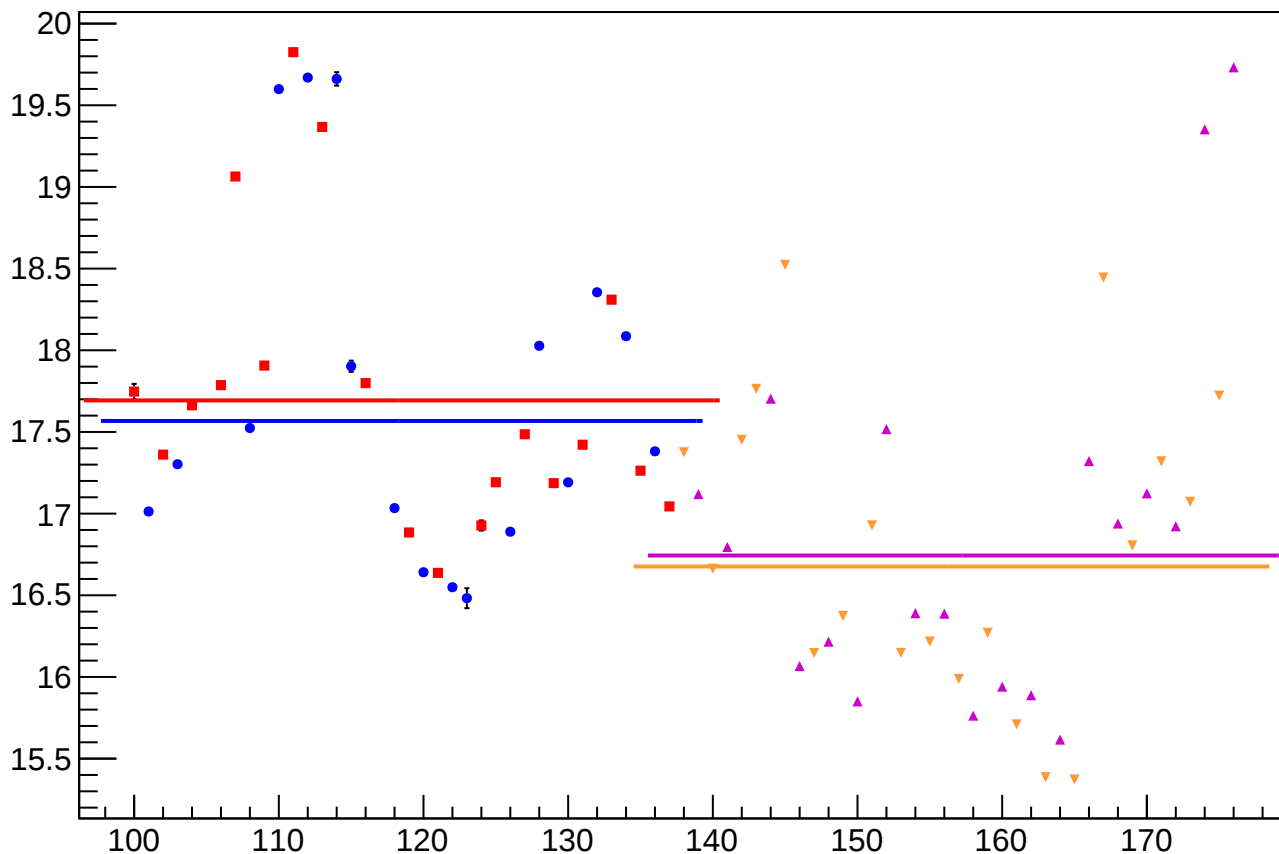
Left In: -7.162 ± 4.366 χ^2/NDF : 20.8/18

+ sign 0.889 ± 3.637 χ^2/NDF : 19.2/36

All: -0.453 ± 2.575 χ^2/NDF : 61.3/74

- sign -1.800 ± 3.646 χ^2/NDF : 41.8/37

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: 16.677 $\pm$ 0.003 χ^2 /NDF:82680.8/19

Right Out: 17.693 $\pm$ 0.005 χ^2 /NDF: 30767.1/18

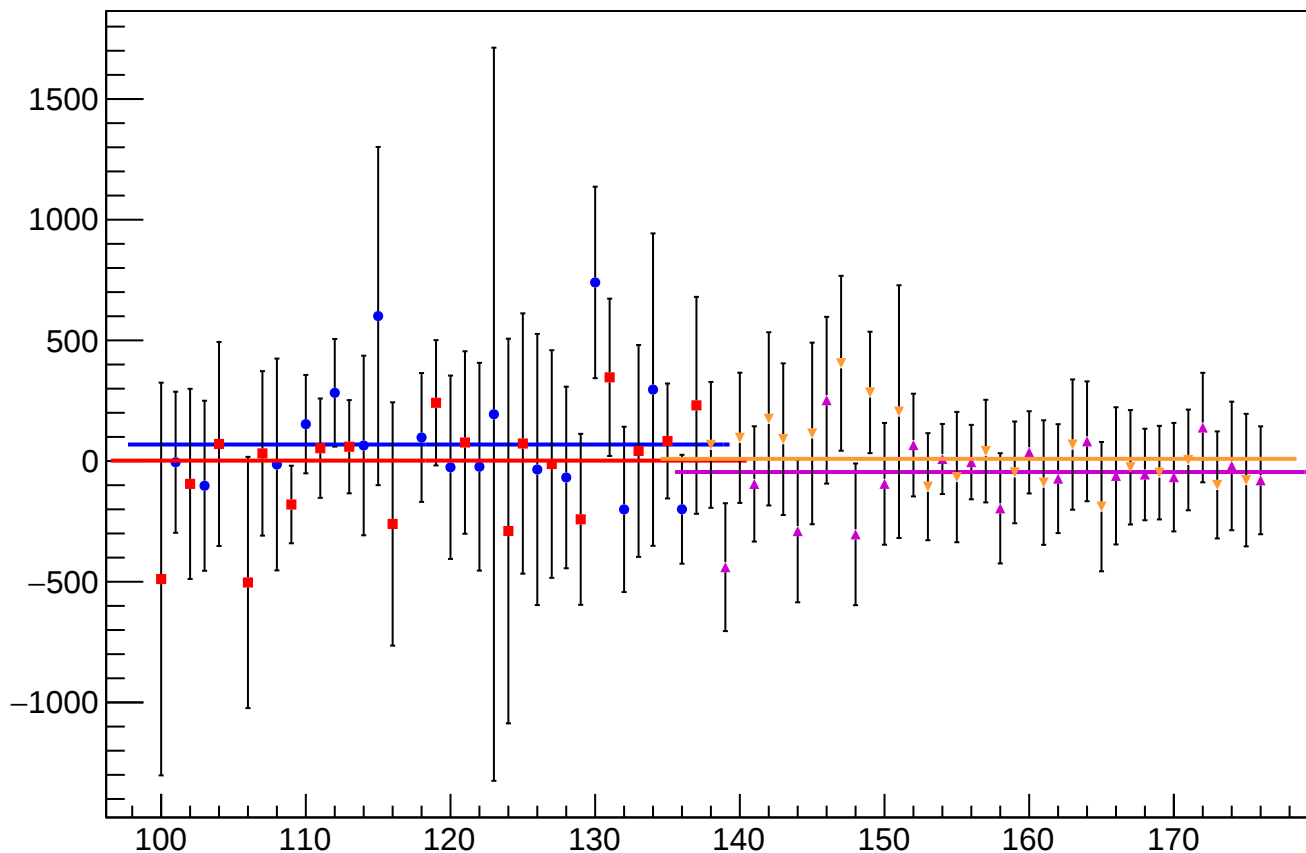
Left In: 16.744 $\pm$ 0.003 χ^2 /NDF:106395.7/18

+ sign 16.931 $\pm$ 0.003 χ^2 /NDF: 140273.6/36

All: 16.981 $\pm$ 0.002 χ^2 /NDF: 306825.0/74

- sign 17.031 $\pm$ 0.003 χ^2 /NDF: 165790.1/37

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: 9.241 $\pm$ 57.463 χ^2 /NDF: 4.7/19

Right Out: 1.831 $\pm$ 71.538 χ^2 /NDF: 6.1/18

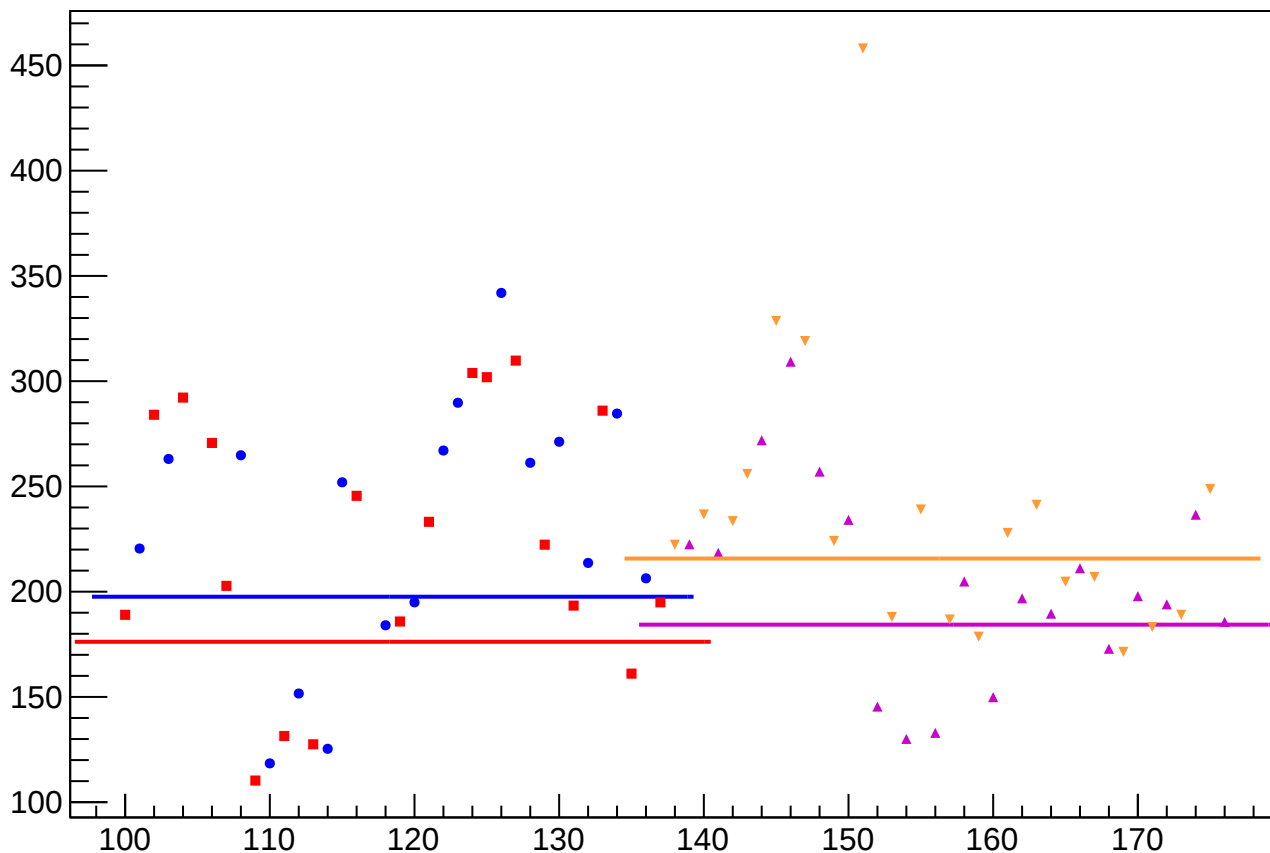
Left In: -45.425 $\pm$ 50.406 χ^2 /NDF: 6.6/18

+ sign 29.092 $\pm$ 46.871 χ^2 /NDF: 12.3/36

All: -4.097 $\pm$ 30.946 χ^2 /NDF: 26.3/74

- sign -29.747 $\pm$ 41.205 χ^2 /NDF: 13.0/37

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.603+/-0.057 χ^2/NDF : 968827.8/16

Left Out: 215.748+/-0.041 χ^2/NDF : 1209337.1/19

Right Out: 176.201+/-0.051 χ^2/NDF : 1519832.7/18

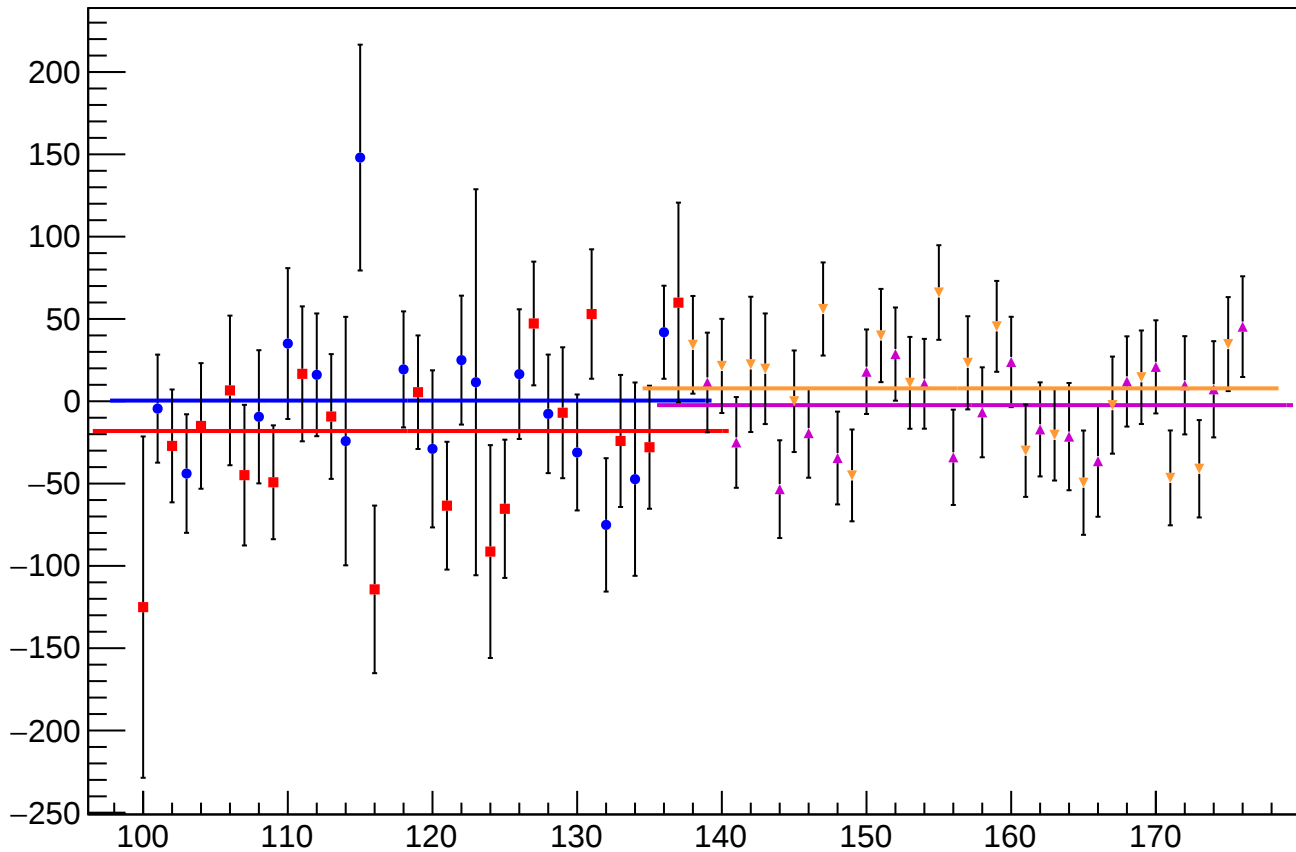
Left In: 184.334+/-0.036 χ^2/NDF : 1507218.9/18

+ sign 209.675+/-0.033 χ^2/NDF : 2244907.1/36

All: 193.859+/-0.022 χ^2/NDF : 5692966.7/74

- sign 181.636+/-0.029 χ^2/NDF : 3044326.0/37

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: 7.847 ± 6.558 χ^2/NDF : 28.9/19

Right Out: -18.044 ± 9.499 χ^2/NDF : 19.5/18

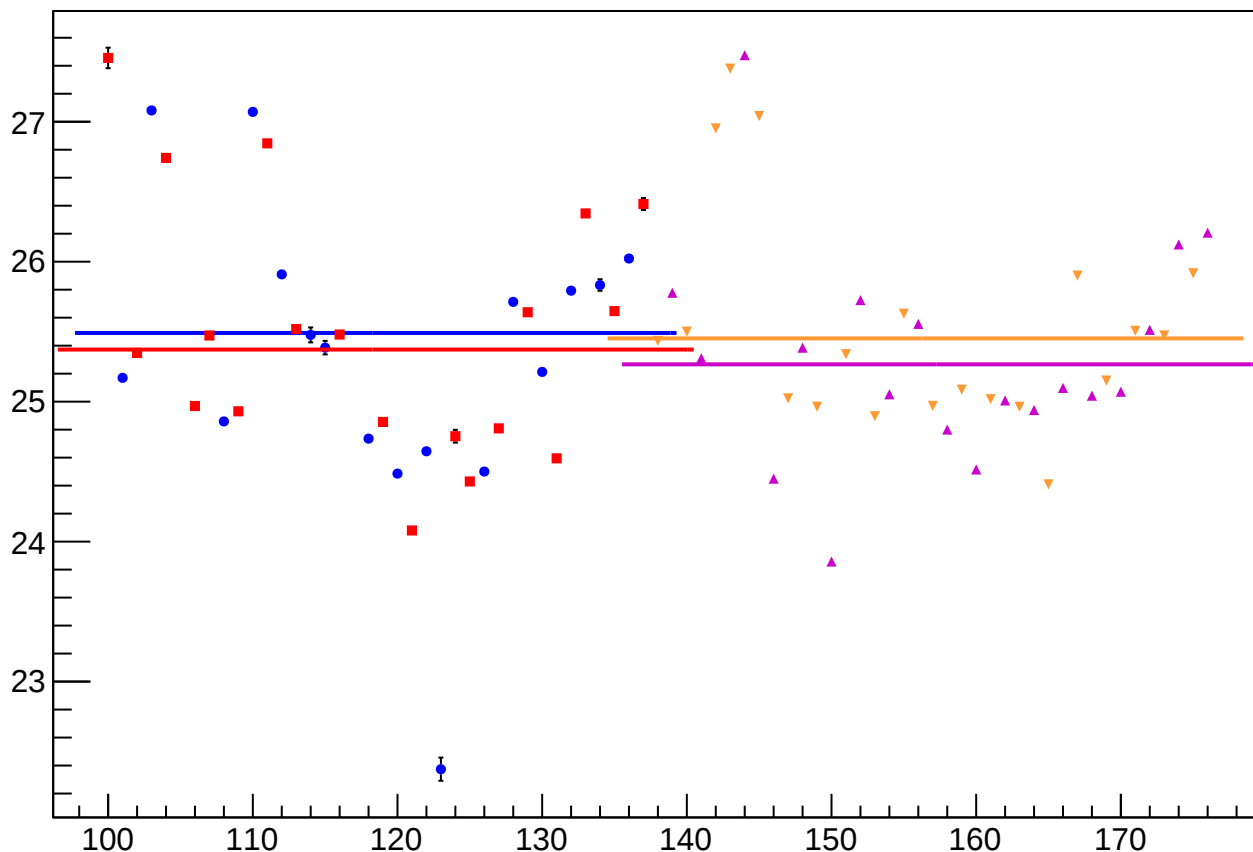
Left In: -2.353 ± 6.577 χ^2/NDF : 15.0/18

+ sign 5.579 ± 5.465 χ^2/NDF : 44.7/36

All: -0.998 ± 3.844 χ^2/NDF : 83.9/74

- sign -7.438 ± 5.407 χ^2/NDF : 36.3/37

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.491+/-0.007 χ^2/NDF : 13713.0/16

Left Out: 25.452+/-0.005 χ^2/NDF : 21959.2/19

Right Out: 25.372+/-0.007 χ^2/NDF : 13550.5/18

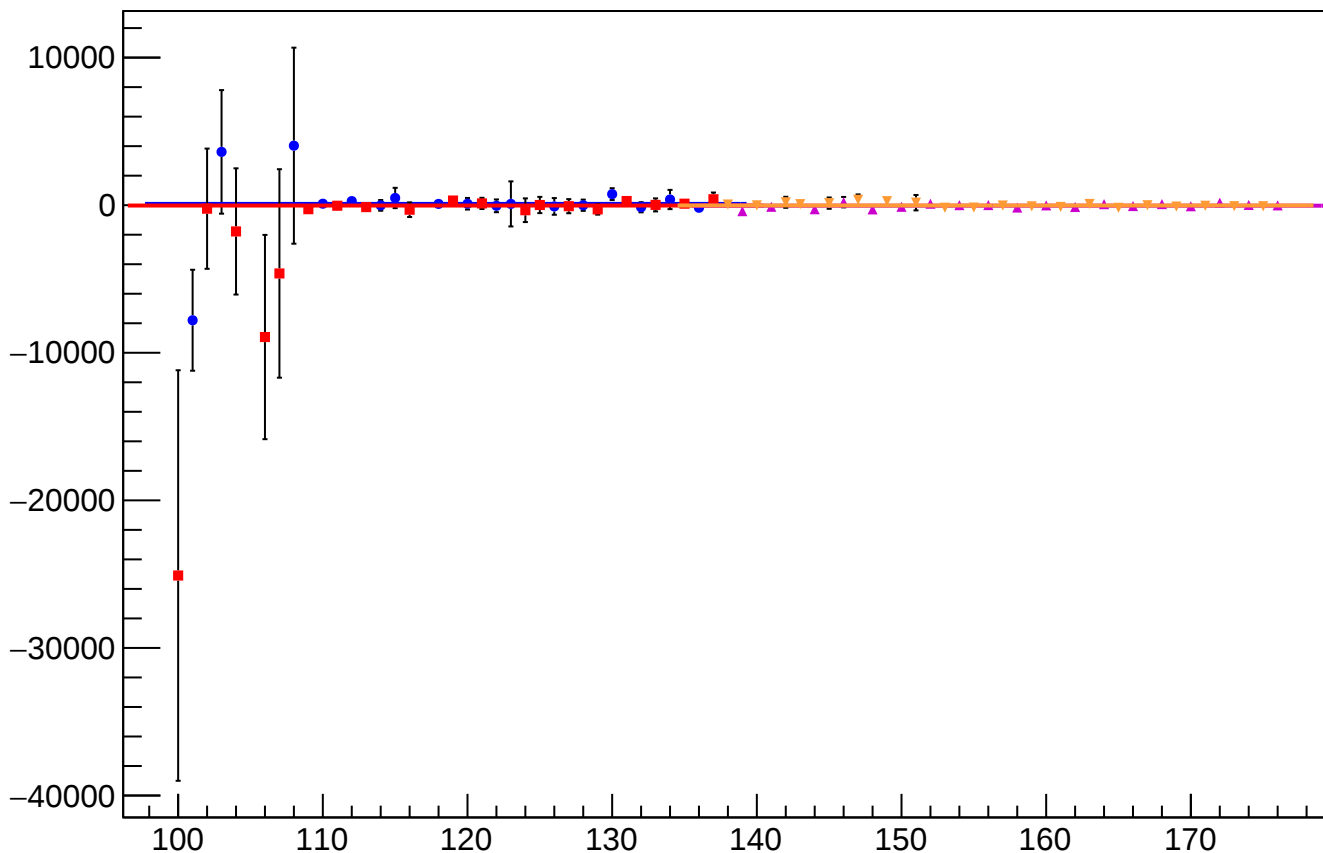
Left In: 25.267+/-0.005 χ^2/NDF : 26837.4/18

+ sign 25.464+/-0.004 χ^2/NDF : 35694.0/36

All: 25.381+/-0.003 χ^2/NDF : 77147.2/74

- sign 25.301+/-0.004 χ^2/NDF : 40555.1/37

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 86.558+/-88.423 χ^2/NDF : 12.5/16

Left Out: -18.798+/-57.832 χ^2/NDF : 4.8/19

Right Out: -23.352+/-80.948 χ^2/NDF : 11.9/18

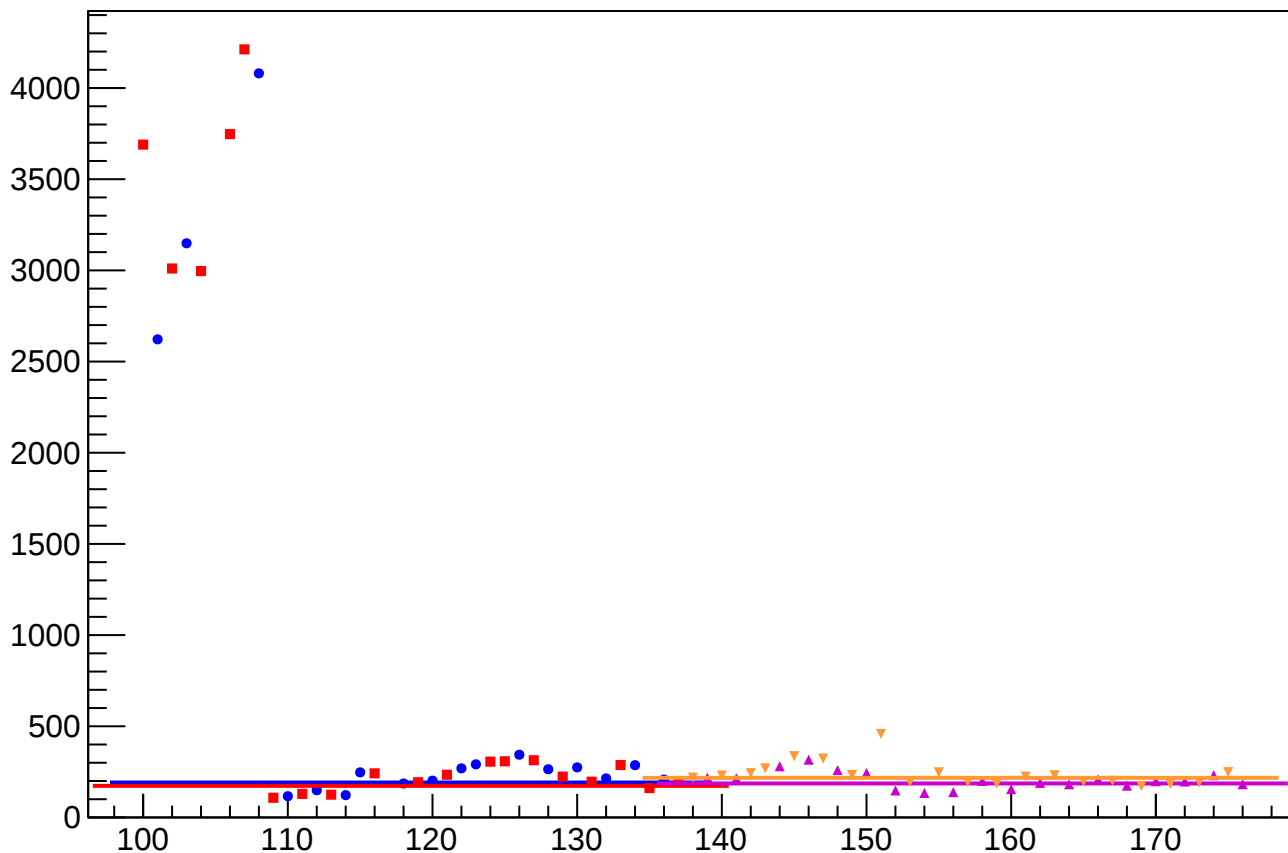
Left In: -34.266+/-50.848 χ^2/NDF : 6.4/18

+ sign 12.767+/-48.400 χ^2/NDF : 18.3/36

All: -11.763+/-32.170 χ^2/NDF : 37.0/74

- sign -31.178+/-43.058 χ^2/NDF : 18.3/37

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: 217.259+/-0.041 χ^2/NDF : 1202149.5/19

Right Out: 173.297+/-0.057 χ^2/NDF : 4207424.0/18

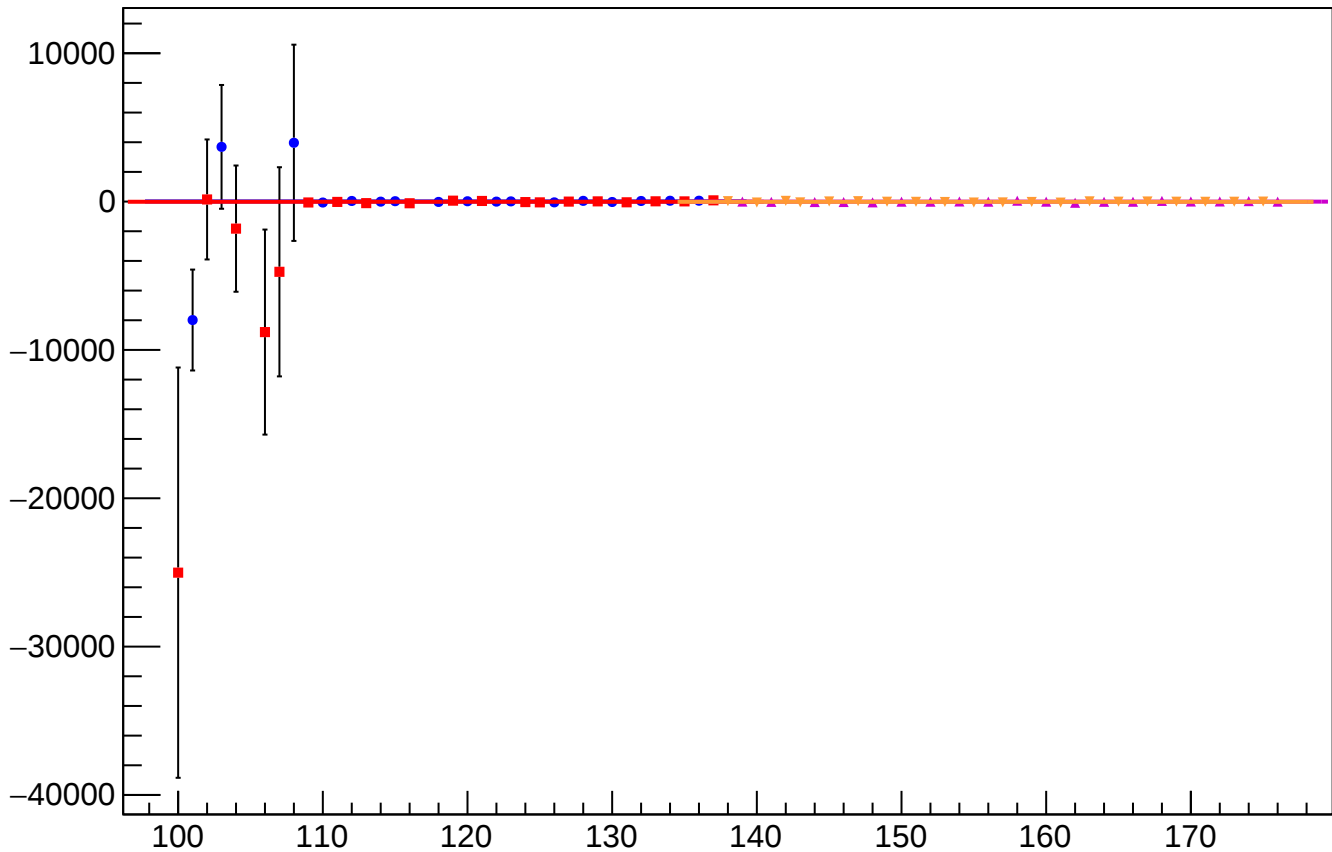
Left In: 186.456+/-0.036 χ^2/NDF : 1382565.5/18

+ sign 209.535+/-0.034 χ^2/NDF : 4894384.1/36

All: 194.574+/-0.023 χ^2/NDF : 10864625.9/74

- sign 182.733+/-0.030 χ^2/NDF : 5627883.6/37

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: -15.748 $\pm$ 7.451 χ^2 /NDF: 17.0/19

Right Out: -12.668 $\pm$ 12.232 χ^2 /NDF: 24.8/18

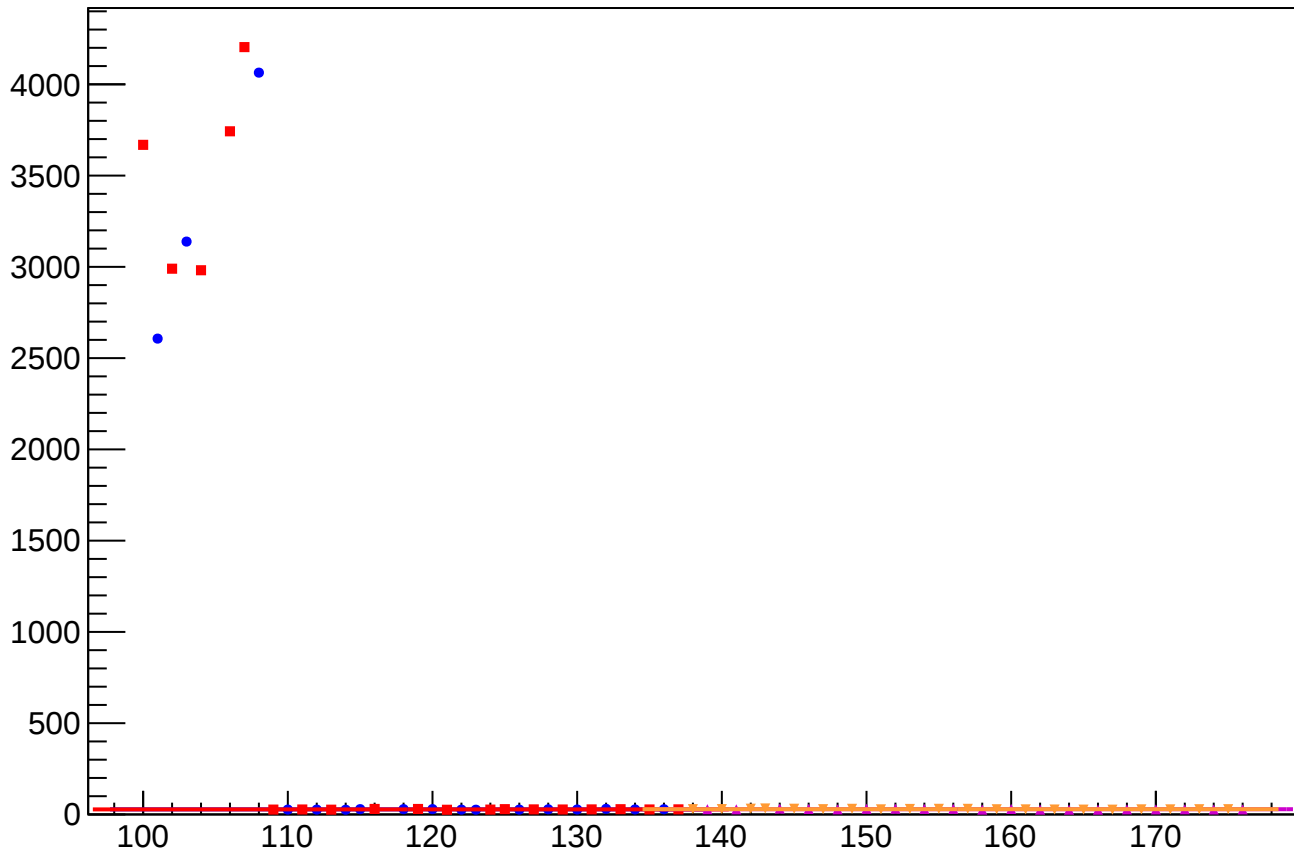
Left In: -4.393 $\pm$ 7.482 χ^2 /NDF: 19.1/18

+ sign -8.745 $\pm$ 6.370 χ^2 /NDF: 38.6/36

All: -7.697 $\pm$ 4.509 χ^2 /NDF: 82.9/74

- sign -6.646 $\pm$ 6.383 χ^2 /NDF: 44.2/37

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.855+/-0.009 χ^2/NDF : 3027666.8/16

Left Out: 28.862+/-0.005 χ^2/NDF : 96656.3/19

Right Out: 27.695+/-0.009 χ^2/NDF : 3476852.9/18

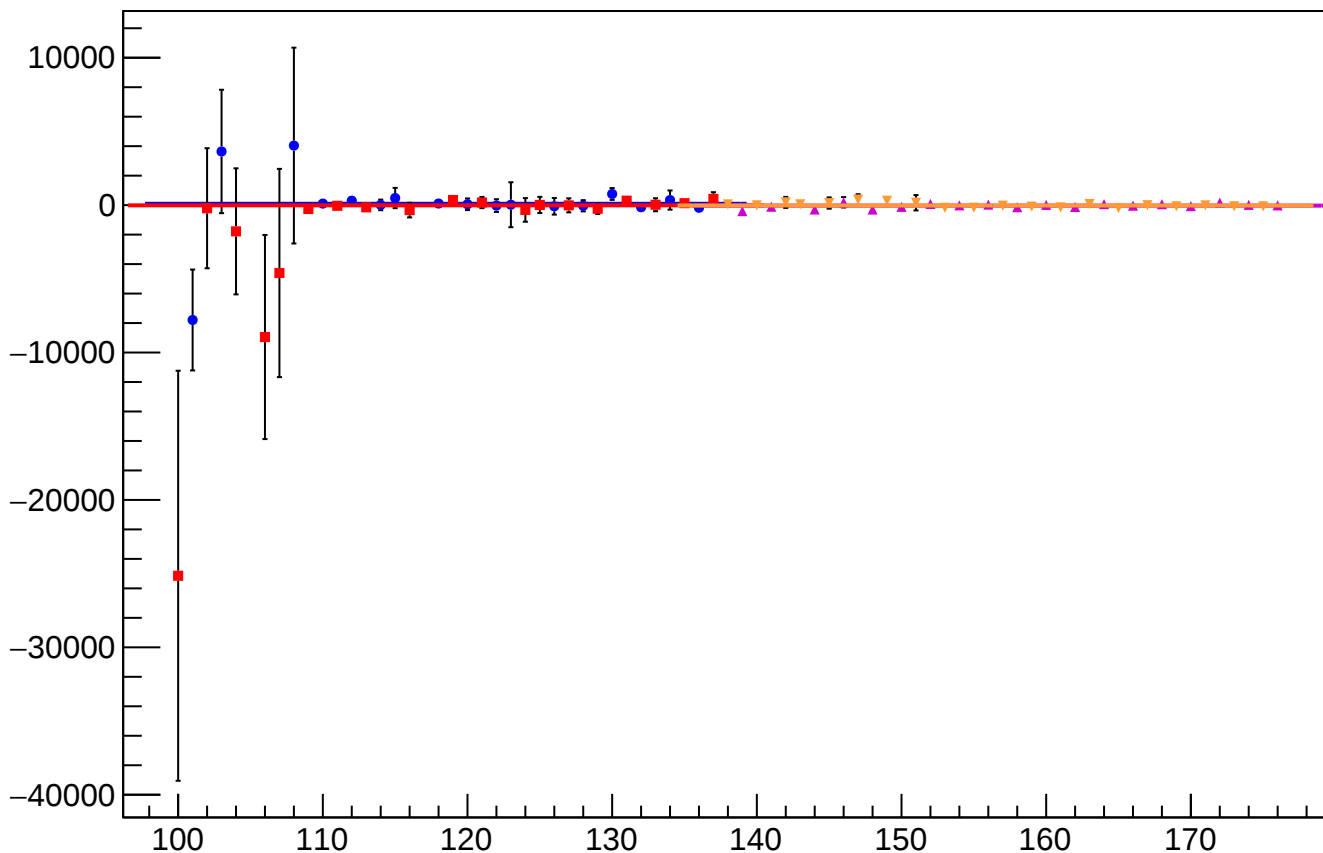
Left In: 28.673+/-0.005 χ^2/NDF : 117511.5/18

+ sign 28.591+/-0.005 χ^2/NDF : 3134166.0/36

All: 28.499+/-0.003 χ^2/NDF : 6738678.6/74

- sign 28.407+/-0.005 χ^2/NDF : 3603673.5/37

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: -23.480+/-57.707 χ^2/NDF : 5.4/19

Right Out: -13.341+/-80.686 χ^2/NDF : 12.7/18

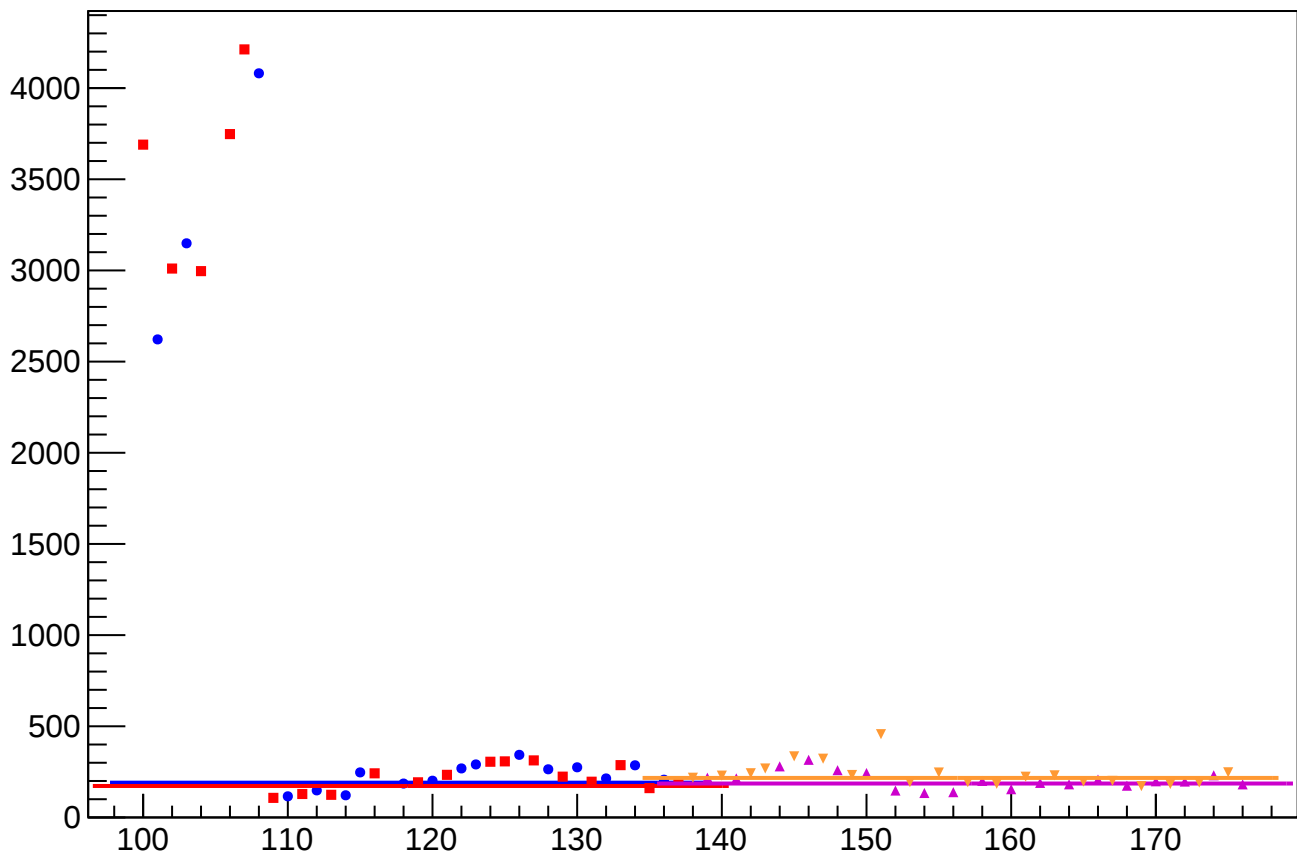
Left In: -33.209+/-50.745 χ^2/NDF : 6.4/18

+ sign 10.797+/-48.281 χ^2/NDF : 19.4/36

All: -10.623+/-32.093 χ^2/NDF : 38.9/74

- sign -27.578+/-42.956 χ^2/NDF : 19.2/37

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 190.770+/-0.062 χ^2/NDF : 3585034.0/16

Left Out: 216.794+/-0.041 χ^2/NDF : 1201757.5/19

+ sign 208.986+/-0.034 χ^2/NDF : 4908815.6/36

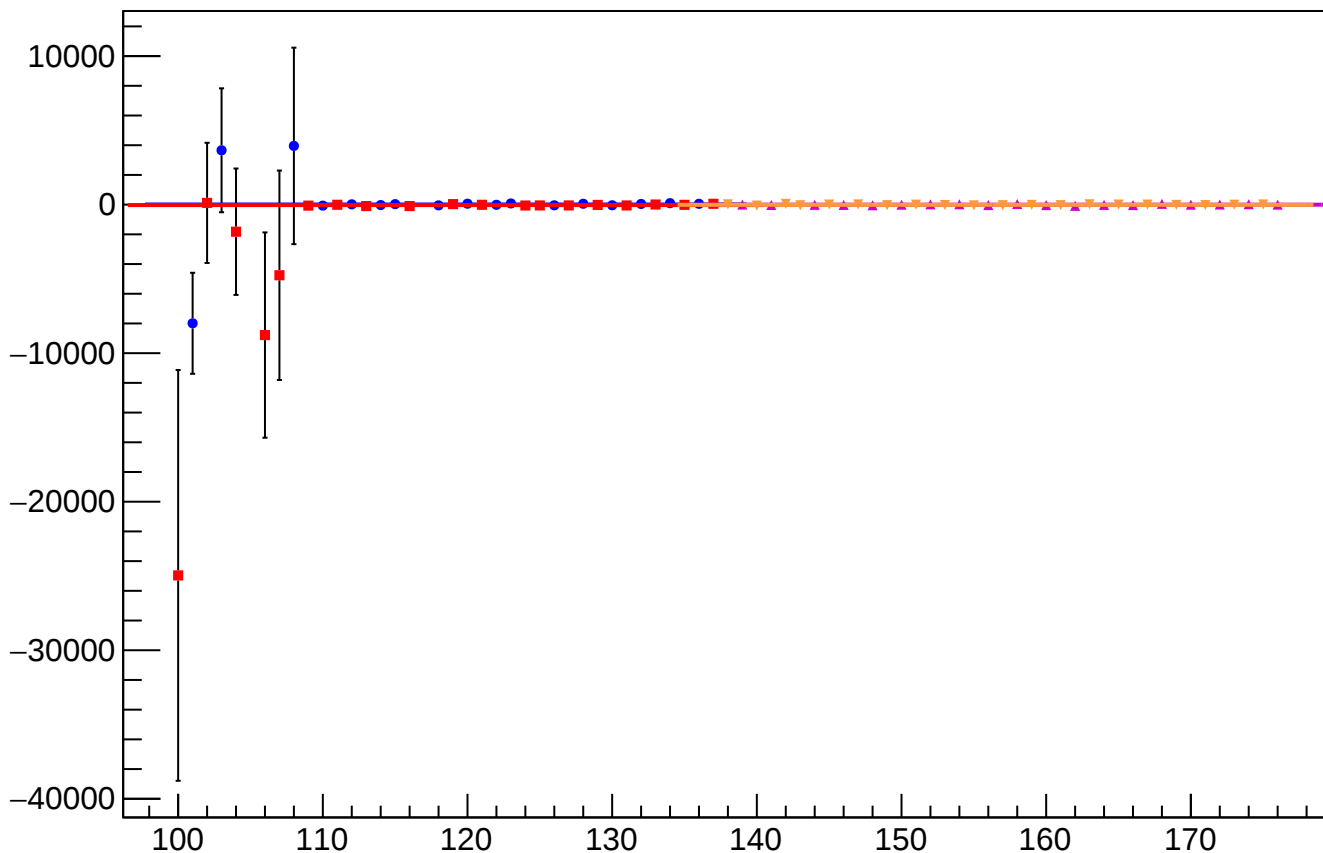
Right Out: 172.629+/-0.057 χ^2/NDF : 4218625.1/18

All: 194.072+/-0.023 χ^2/NDF : 10891547.1/74

- sign 182.266+/-0.030 χ^2/NDF : 5640815.9/37

Left In: 186.078+/-0.036 χ^2/NDF : 1382376.7/18

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: -11.835 $\pm$ 7.500 χ^2 /NDF:12.4/19

Right Out: -29.397 $\pm$ 12.333 χ^2 /NDF: 16.8/18

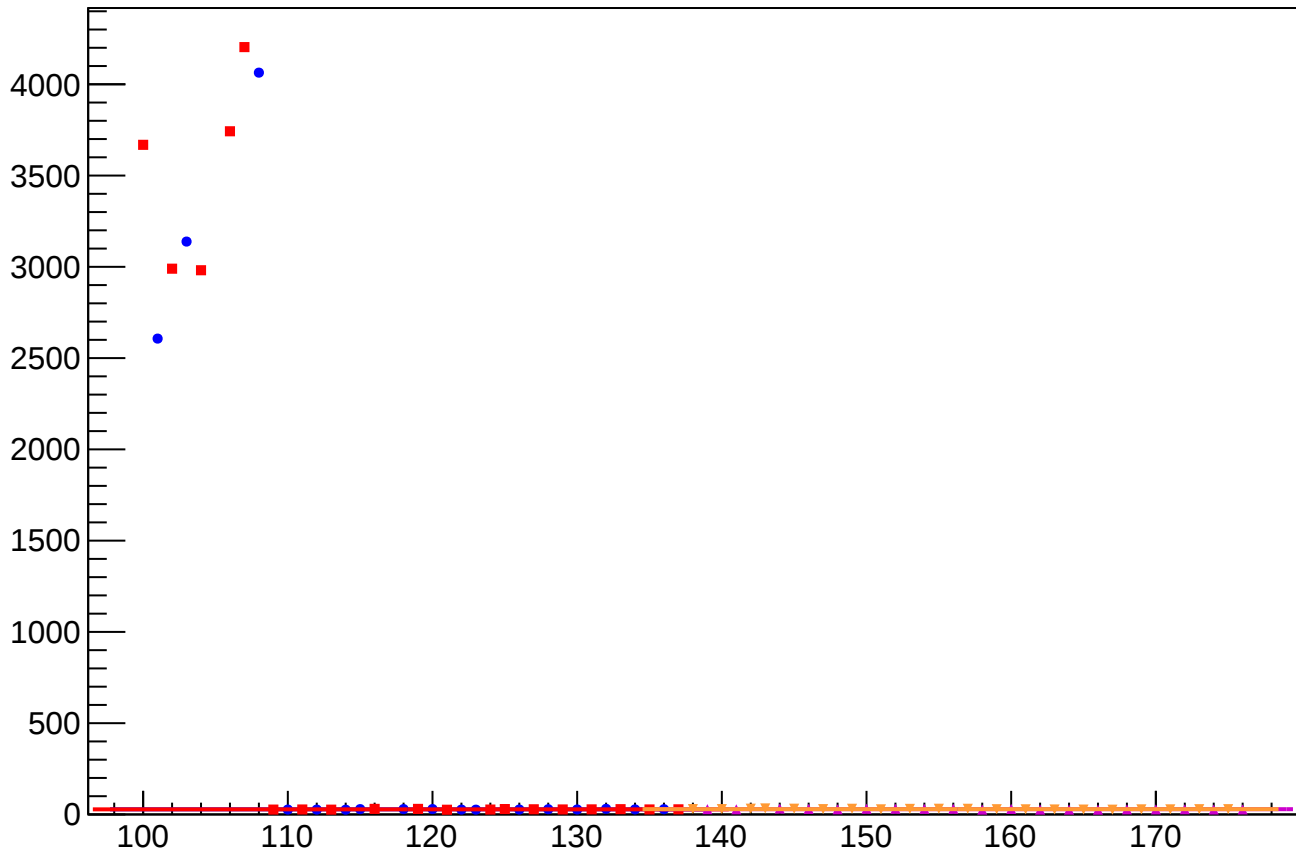
Left In: -3.257 $\pm$ 7.519 χ^2 /NDF:18.8/18

+ sign -6.341 $\pm$ 6.413 χ^2 /NDF: 37.6/36

All: -8.338 $\pm$ 4.537 χ^2 /NDF: 76.7/74

- sign -10.340 $\pm$ 6.420 χ^2 /NDF: 38.9/37

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: 29.049 $\pm$ 0.005 χ^2 /NDF: 102338.4/19

Right Out: 27.918 $\pm$ 0.009 χ^2 /NDF: 3479690.8/18

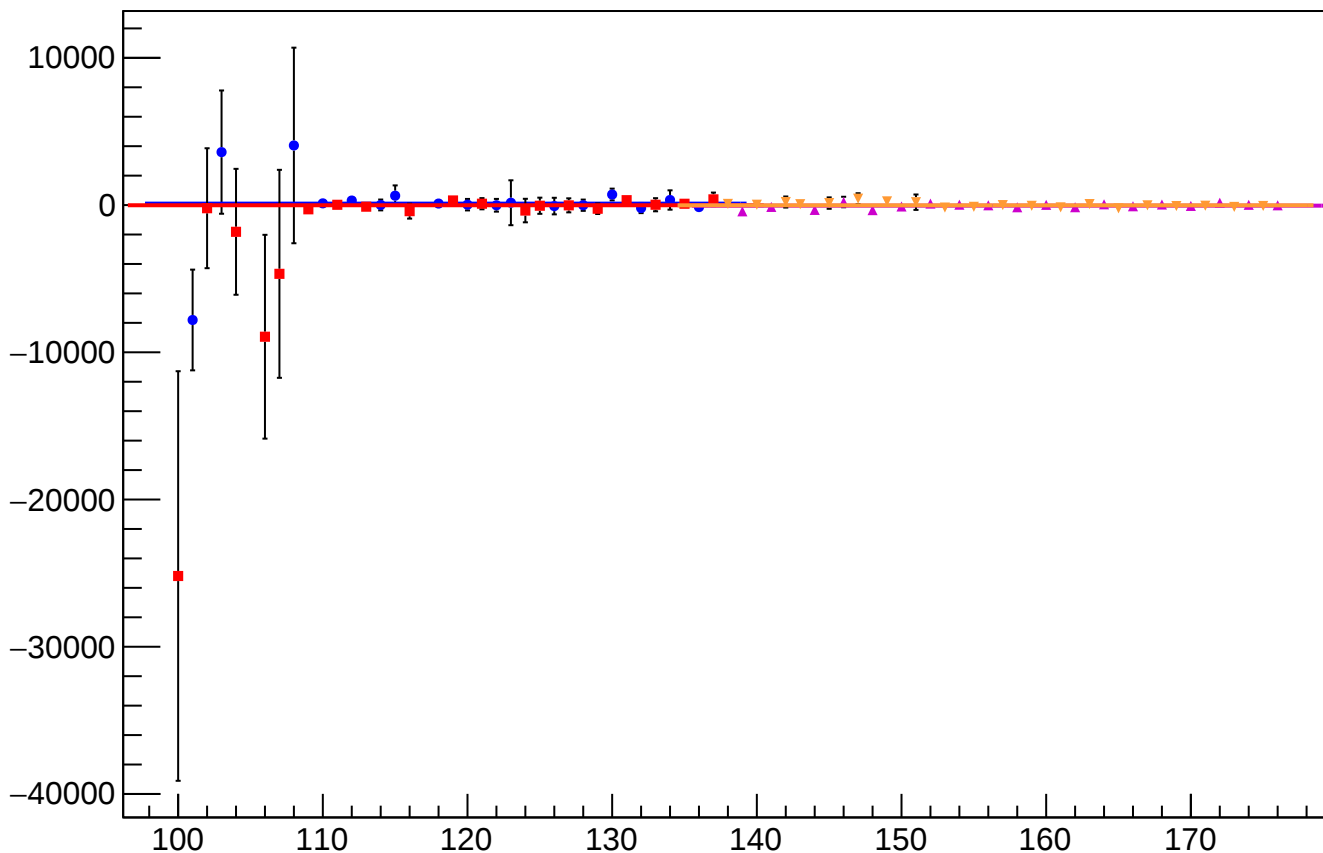
Left In: 28.811 $\pm$ 0.005 χ^2 /NDF: 121343.9/18

+ sign 28.778 $\pm$ 0.005 χ^2 /NDF: 3139886.1/36

All: 28.674 $\pm$ 0.003 χ^2 /NDF: 6749636.9/74

- sign 28.569 $\pm$ 0.005 χ^2 /NDF: 3608689.3/37

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 98.142+/-89.203 χ^2/NDF : 12.5/16

Left Out: -16.107+/-58.392 χ^2/NDF : 5.3/19

Right Out: -11.728+/-81.772 χ^2/NDF : 12.3/18

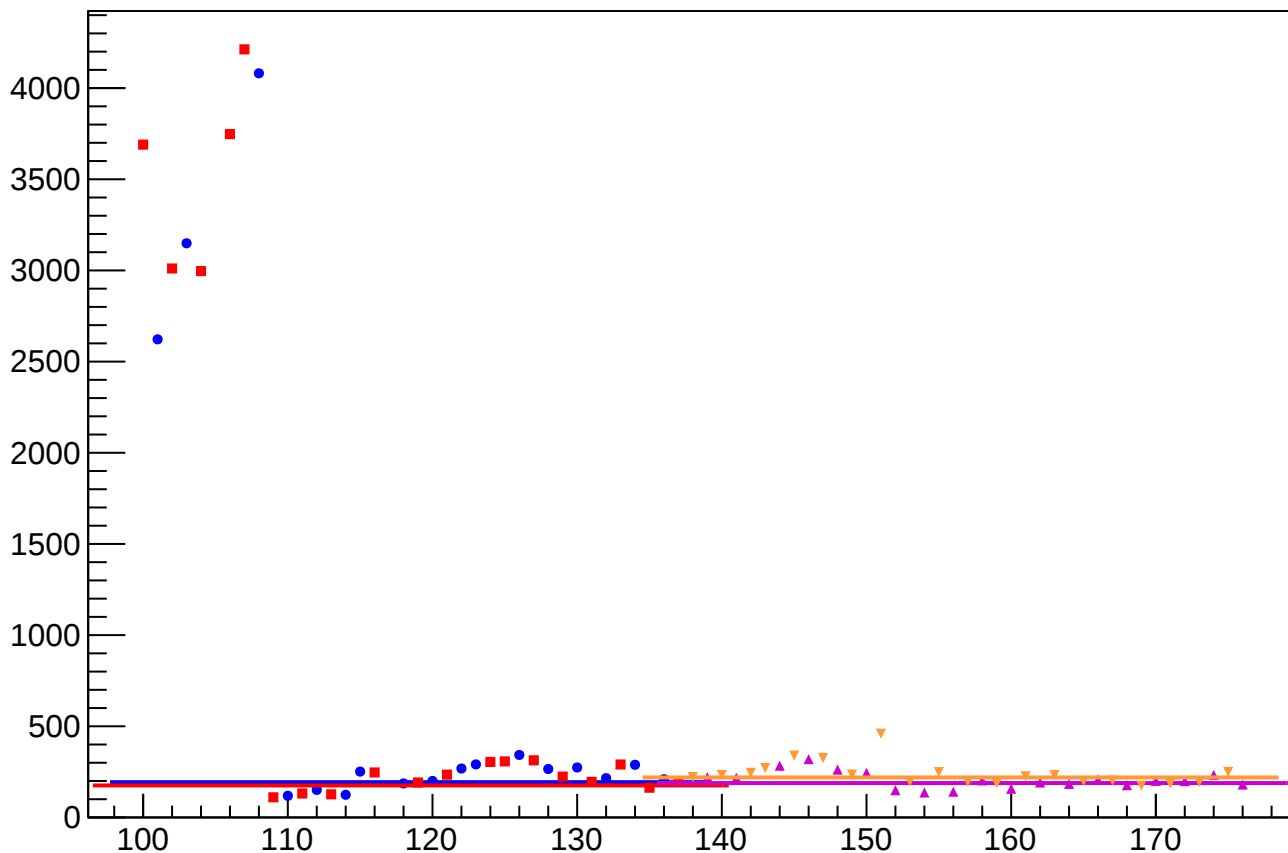
Left In: -39.961+/-51.395 χ^2/NDF : 7.0/18

+ sign 18.164+/-48.855 χ^2/NDF : 19.0/36

All: -9.790+/-32.494 χ^2/NDF : 39.0/74

- sign -31.966+/-43.514 χ^2/NDF : 19.4/37

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: 219.477 ± 0.041 χ^2/NDF : 1186493.8/19

Right Out: 175.509 ± 0.058 χ^2/NDF : 4165575.9/18

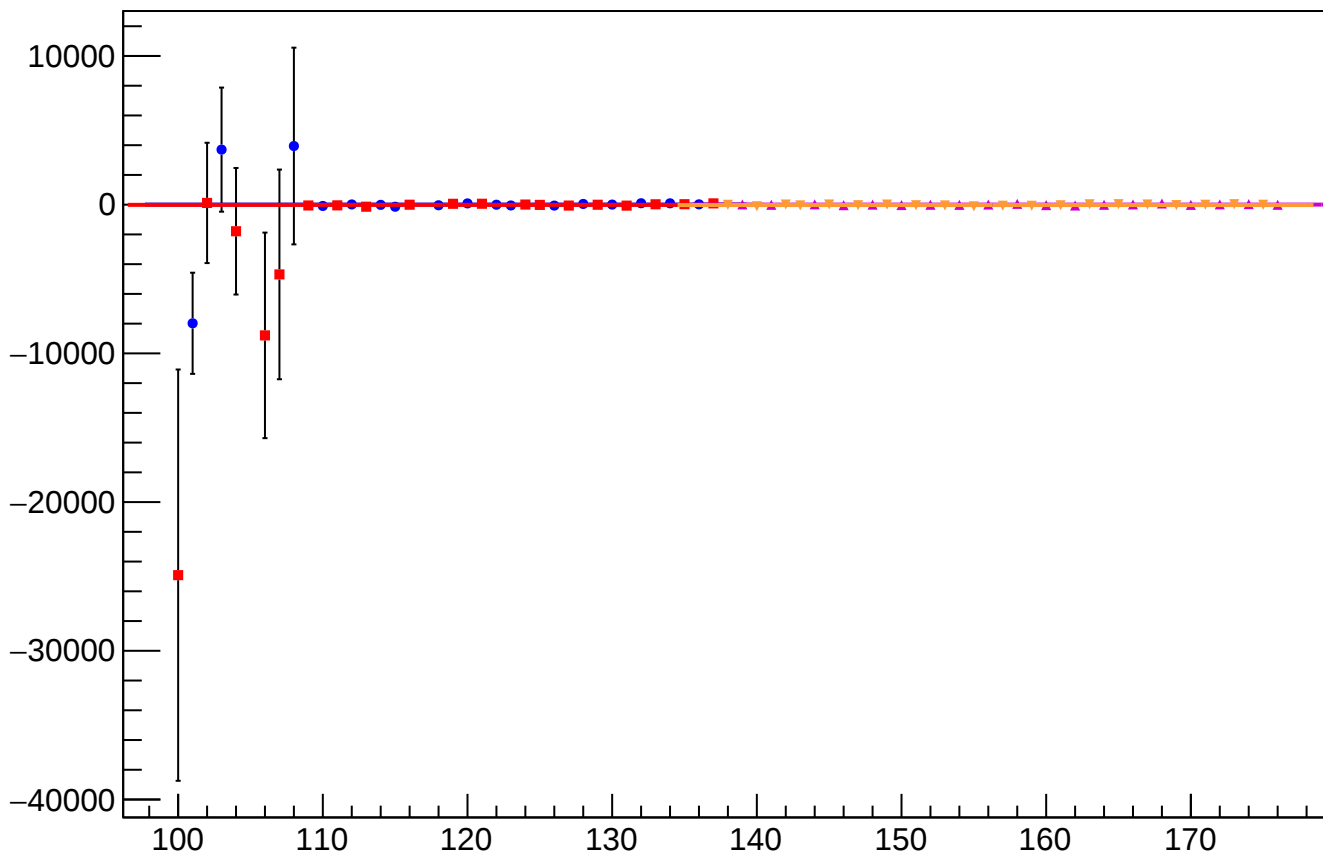
Left In: 188.616 ± 0.036 χ^2/NDF : 1351963.5/18

+ sign 211.690 ± 0.035 χ^2/NDF : 4842027.7/36

All: 196.753 ± 0.023 χ^2/NDF : 10731638.8/74

- sign 184.904 ± 0.031 χ^2/NDF : 5554368.5/37

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: -25.292 $\pm$ 8.960 χ^2 /NDF:22.3/19

Right Out: -12.158 $\pm$ 14.952 χ^2 /NDF: 21.9/18

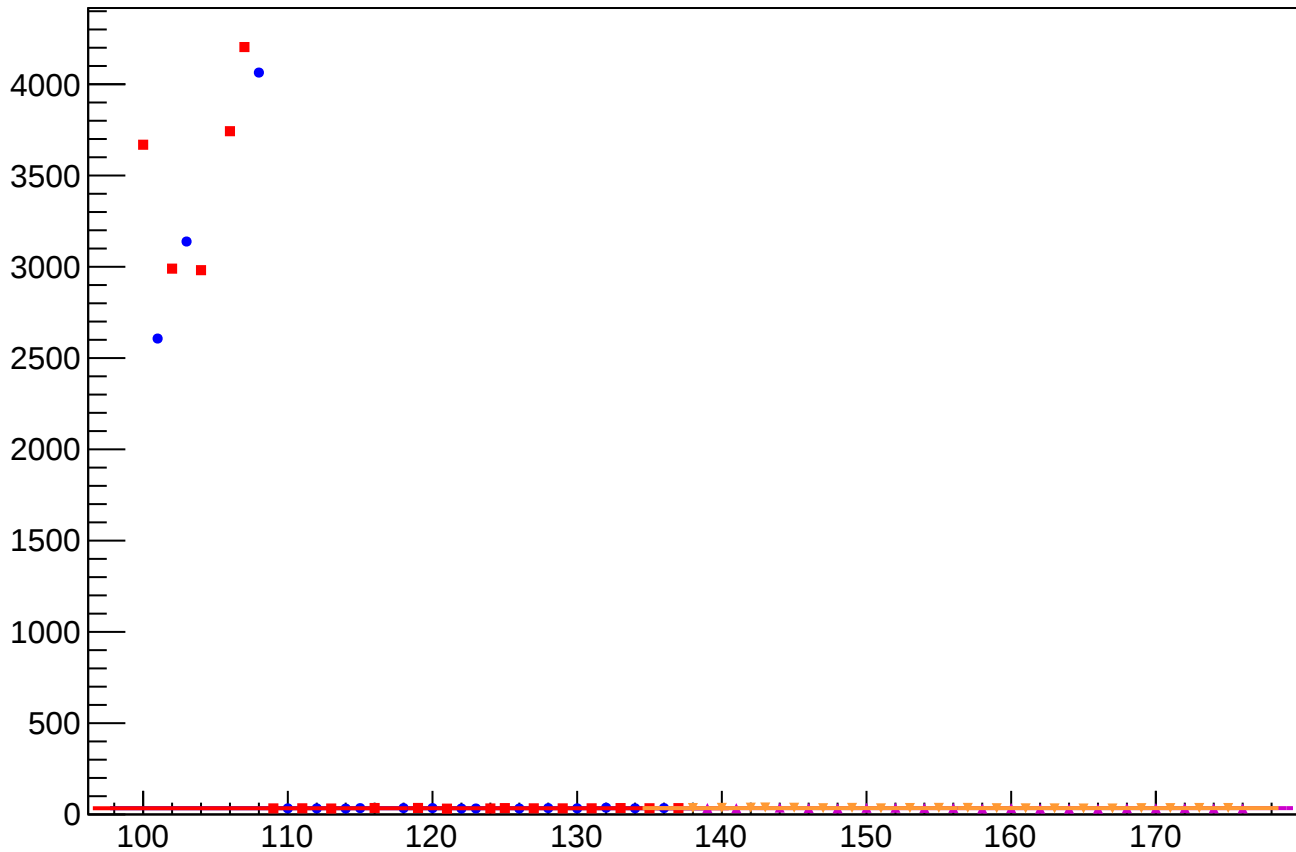
Left In: 5.021 $\pm$ 9.011 χ^2 /NDF:13.0/18

+ sign -17.218 $\pm$ 7.699 χ^2 /NDF: 45.9/36

All: -8.408 $\pm$ 5.451 χ^2 /NDF: 84.4/74

- sign 0.444 $\pm$ 7.718 χ^2 /NDF: 35.9/37

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: 34.762 $\pm$ 0.006 χ^2 /NDF: 47757.6/19

Right Out: 33.913 $\pm$ 0.011 χ^2 /NDF: 3451912.6/18

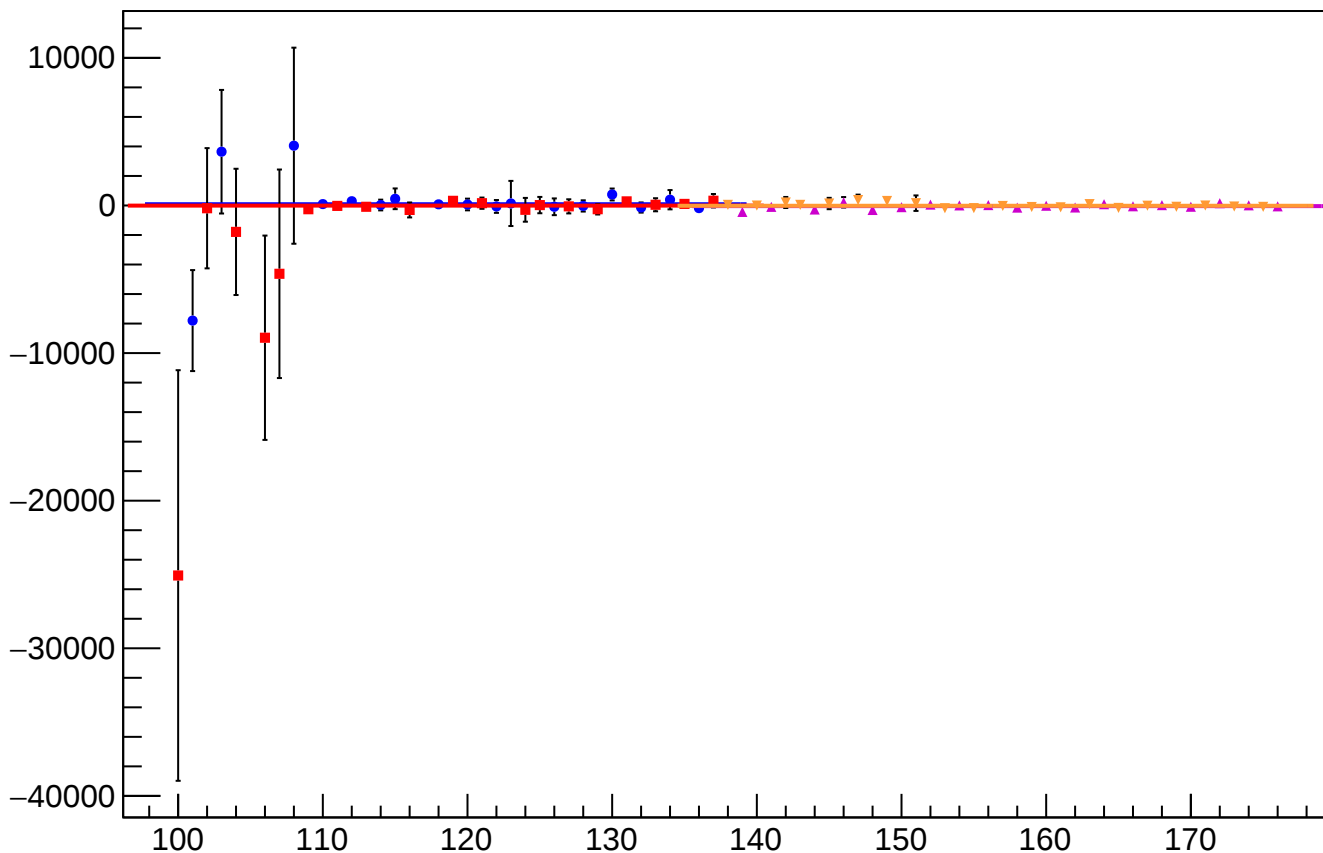
Left In: 34.596 $\pm$ 0.006 χ^2 /NDF: 54579.1/18

+ sign 34.606 $\pm$ 0.005 χ^2 /NDF: 3056571.2/36

All: 34.510 $\pm$ 0.004 χ^2 /NDF: 6566750.3/74

- sign 34.414 $\pm$ 0.005 χ^2 /NDF: 3509558.8/37

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: -19.426+/-58.283 χ^2/NDF : 5.3/19

Right Out: -8.565+/-81.257 χ^2/NDF : 11.1/18

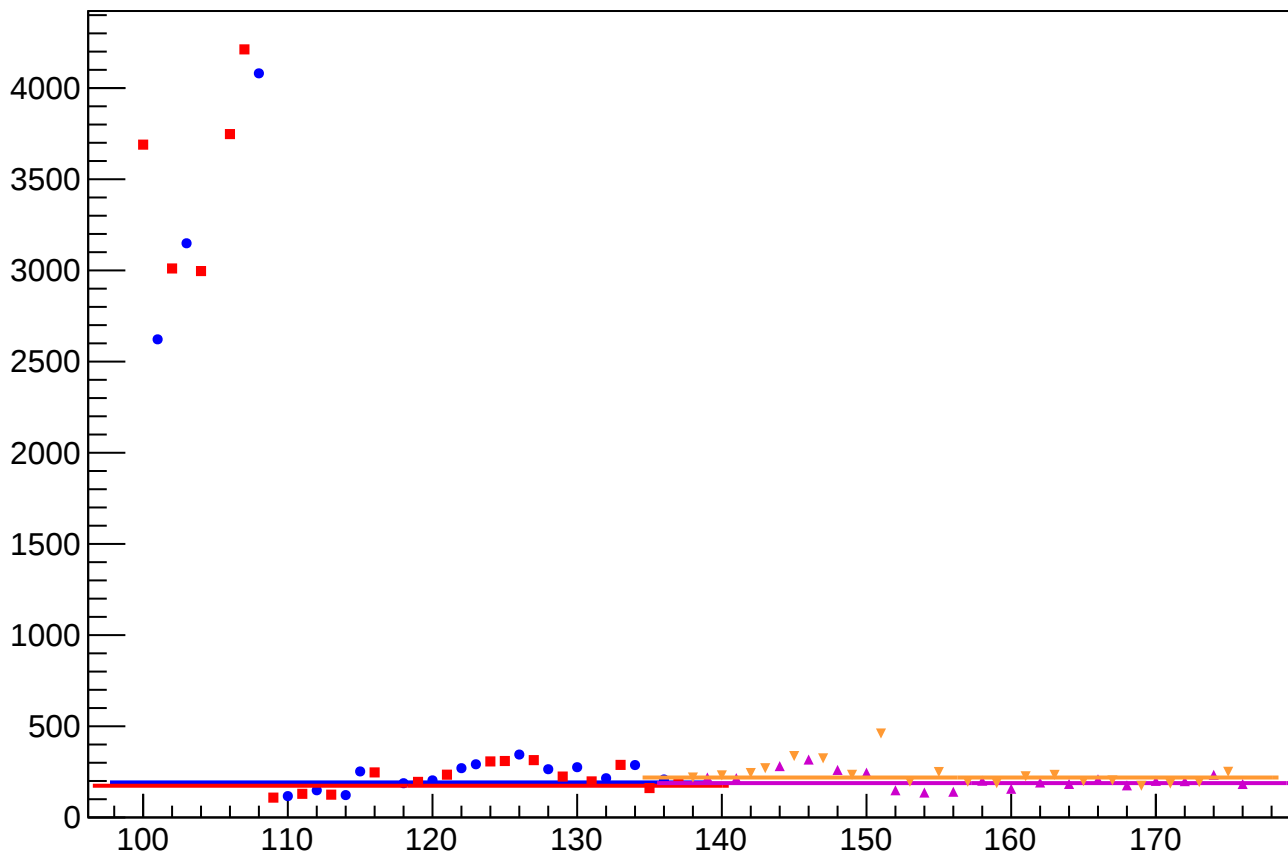
Left In: -42.994+/-51.324 χ^2/NDF : 6.4/18

+ sign 11.892+/-48.717 χ^2/NDF : 18.8/36

All: -13.238+/-32.403 χ^2/NDF : 36.8/74

- sign -33.176+/-43.393 χ^2/NDF : 17.6/37

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: 219.070+/-0.041 χ^2/NDF : 1179678.5/19

Right Out: 173.961+/-0.057 χ^2/NDF : 4211616.2/18

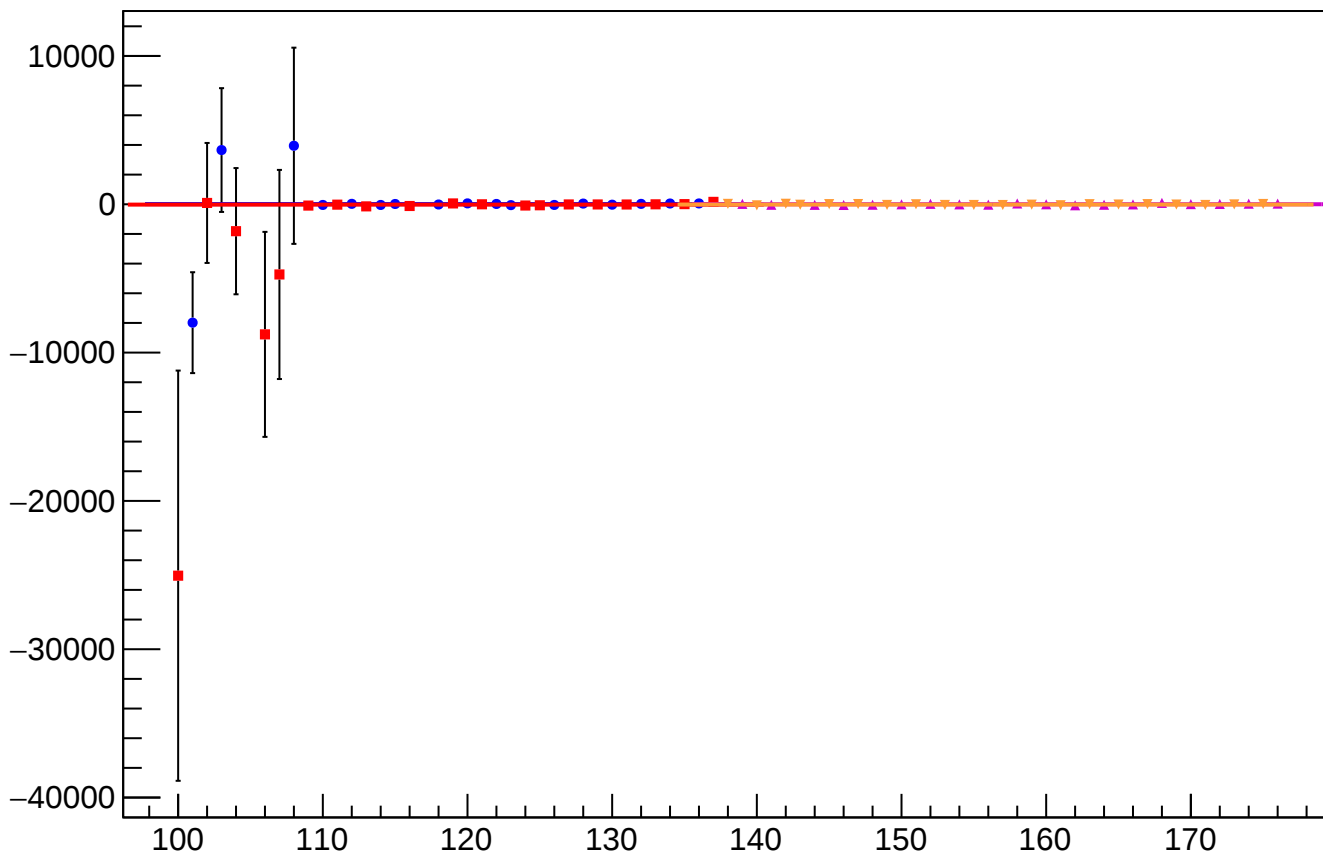
Left In: 188.368+/-0.036 χ^2/NDF : 1340548.5/18

+ sign 210.966+/-0.034 χ^2/NDF : 4882614.8/36

All: 196.074+/-0.023 χ^2/NDF : 10814887.5/74

- sign 184.259+/-0.031 χ^2/NDF : 5597107.8/37

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: -18.279+/-8.109 χ^2/NDF :13.9/19

Right Out: -22.618+/-13.660 χ^2/NDF : 28.0/18

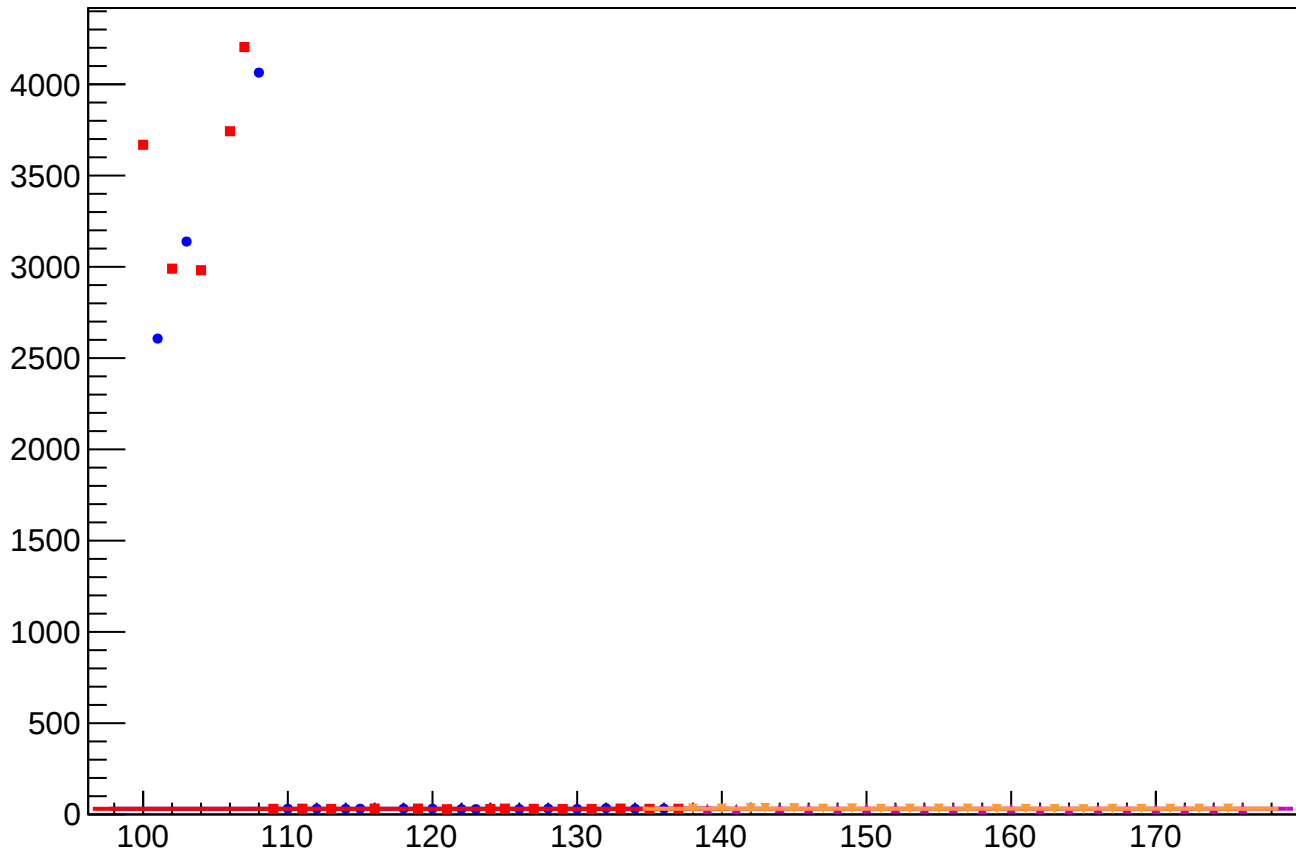
Left In: 2.689+/-8.191 χ^2/NDF :24.5/18

+ sign -10.248+/-6.982 χ^2/NDF : 32.3/36

All: -7.145+/-4.952 χ^2/NDF : 87.7/74

- sign -4.004+/-7.025 χ^2/NDF : 55.0/37

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: 31.432+/-0.006 χ^2/NDF : 74267.1/19

Right Out: 30.963+/-0.010 χ^2/NDF : 3458924.5/18

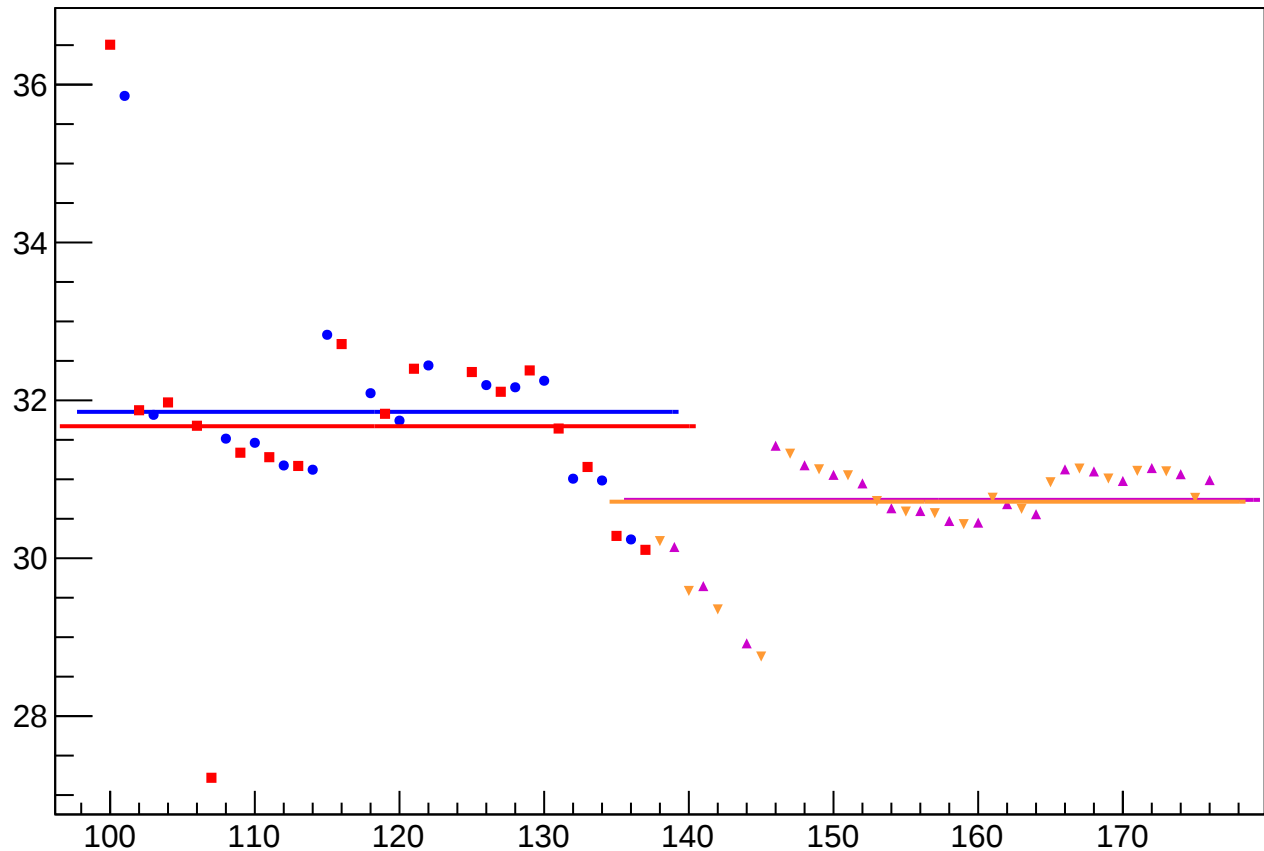
Left In: 31.408+/-0.006 χ^2/NDF : 84815.0/18

+ sign 31.360+/-0.005 χ^2/NDF : 3089393.9/36

All: 31.325+/-0.004 χ^2/NDF : 6634795.4/74

- sign 31.290+/-0.005 χ^2/NDF : 3545302.9/37

yield_usl_mean vs Slug



Right In: 31.855+/-0.000 χ^2/NDF : 1570522165.5/15

Left Out: 30.716+/-0.000 χ^2/NDF : 722775855.4/18

Right Out: 31.672+/-0.000 χ^2/NDF : 917899841.8/17

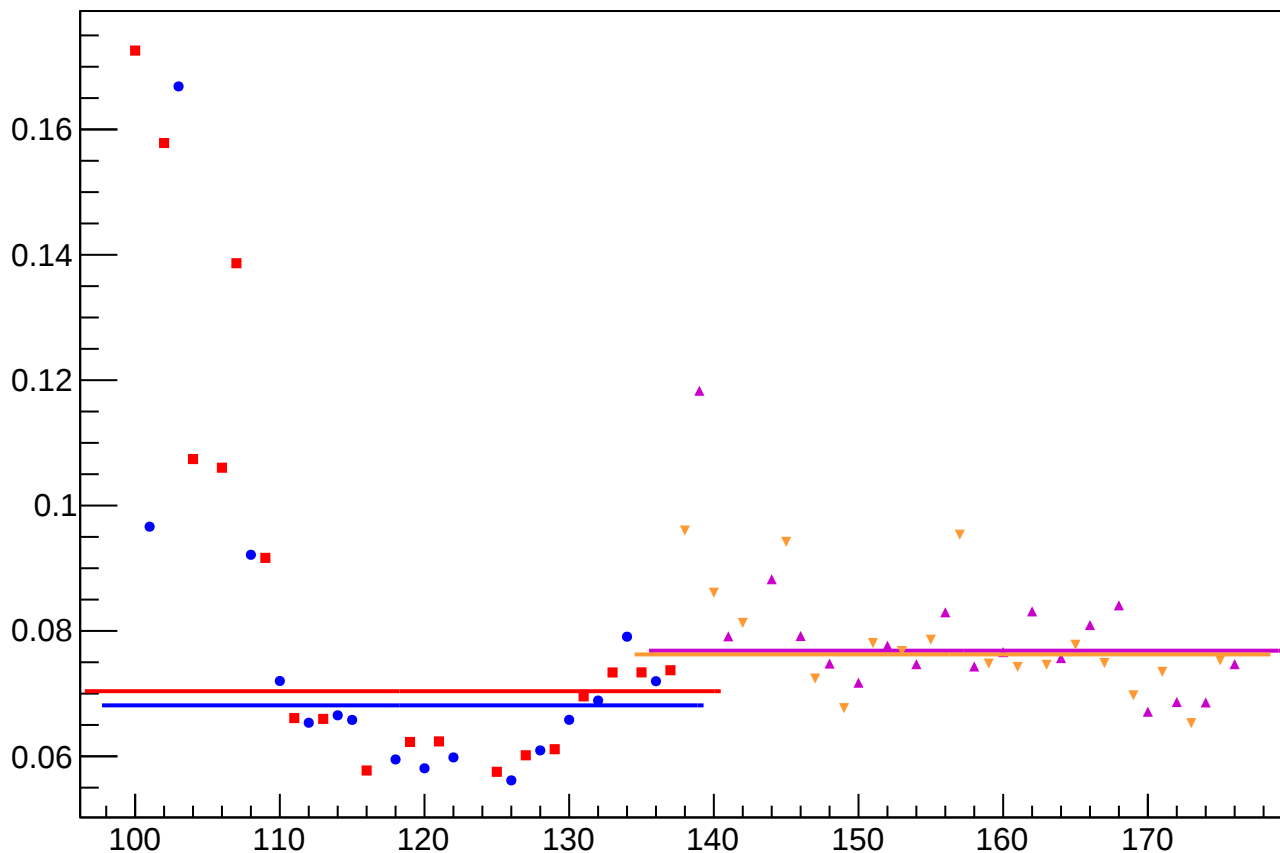
Left In: 30.740+/-0.000 χ^2/NDF : 689151089.2/18

+ sign 31.123+/-0.000 χ^2/NDF : 3328763849.9/34

All: 31.093+/-0.000 χ^2/NDF : 5621906016.6/7

- sign 31.062+/-0.000 χ^2/NDF : 2286680423.6/36

yield_usl_rms vs Slug



Right In: 0.068 $\pm$ 0.000 χ^2 /NDF: 629767.4/15

Left Out: 0.076 $\pm$ 0.000 χ^2 /NDF:267218.5/18

Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 841320.1/17

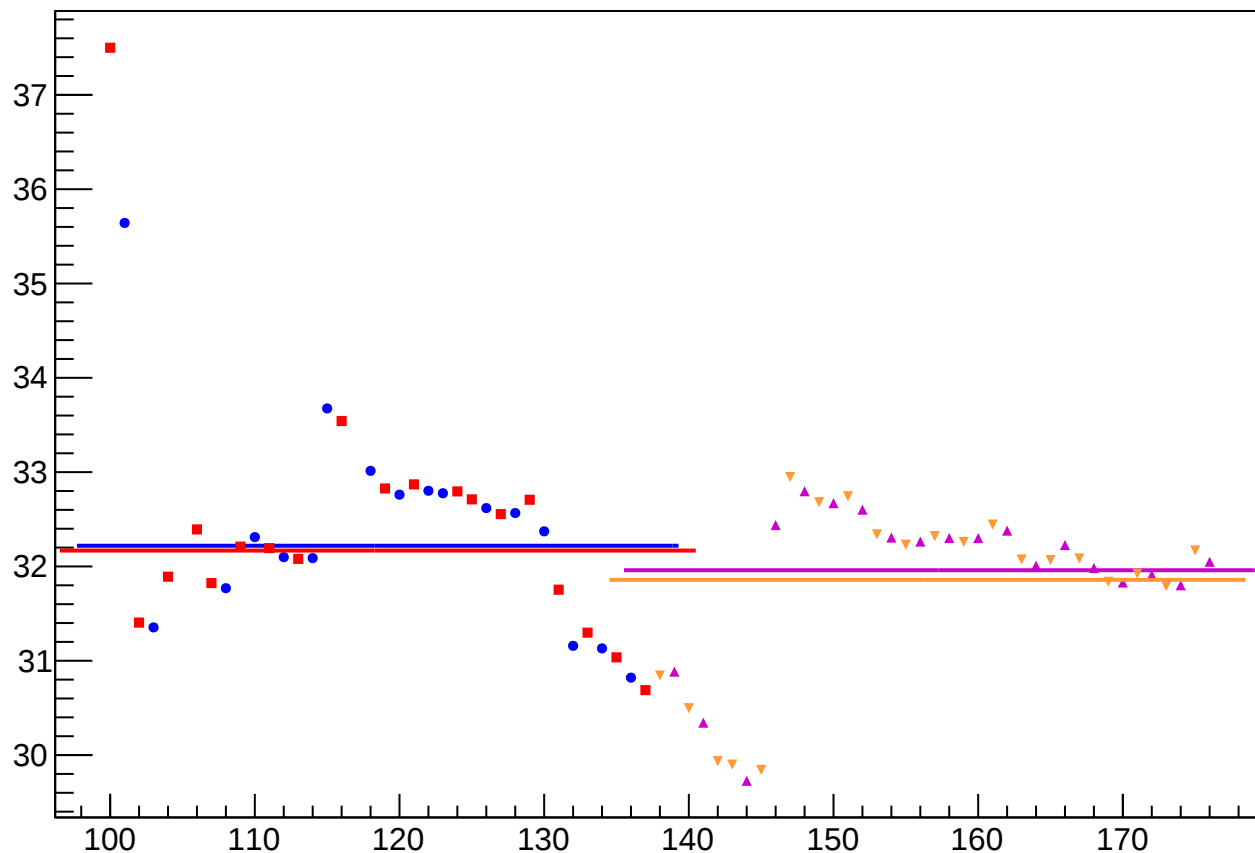
Left In: 0.077 $\pm$ 0.000 χ^2 /NDF:314779.8/18

+ sign 0.073 $\pm$ 0.000 χ^2 /NDF: 1002626.5/34

All: 0.074 $\pm$ 0.000 χ^2 /NDF: 2229513.5/71

- sign 0.075 $\pm$ 0.000 χ^2 /NDF: 1221338.4/36

yield_usr_mean vs Slug



Right In: 32.220 $\pm$ 0.000 χ^2 /NDF: 1013864543.3/16

Left Out: 31.858 $\pm$ 0.000 χ^2 /NDF:1840330753.0/19

Right Out: 32.168 $\pm$ 0.000 χ^2 /NDF: 442298310.3/18

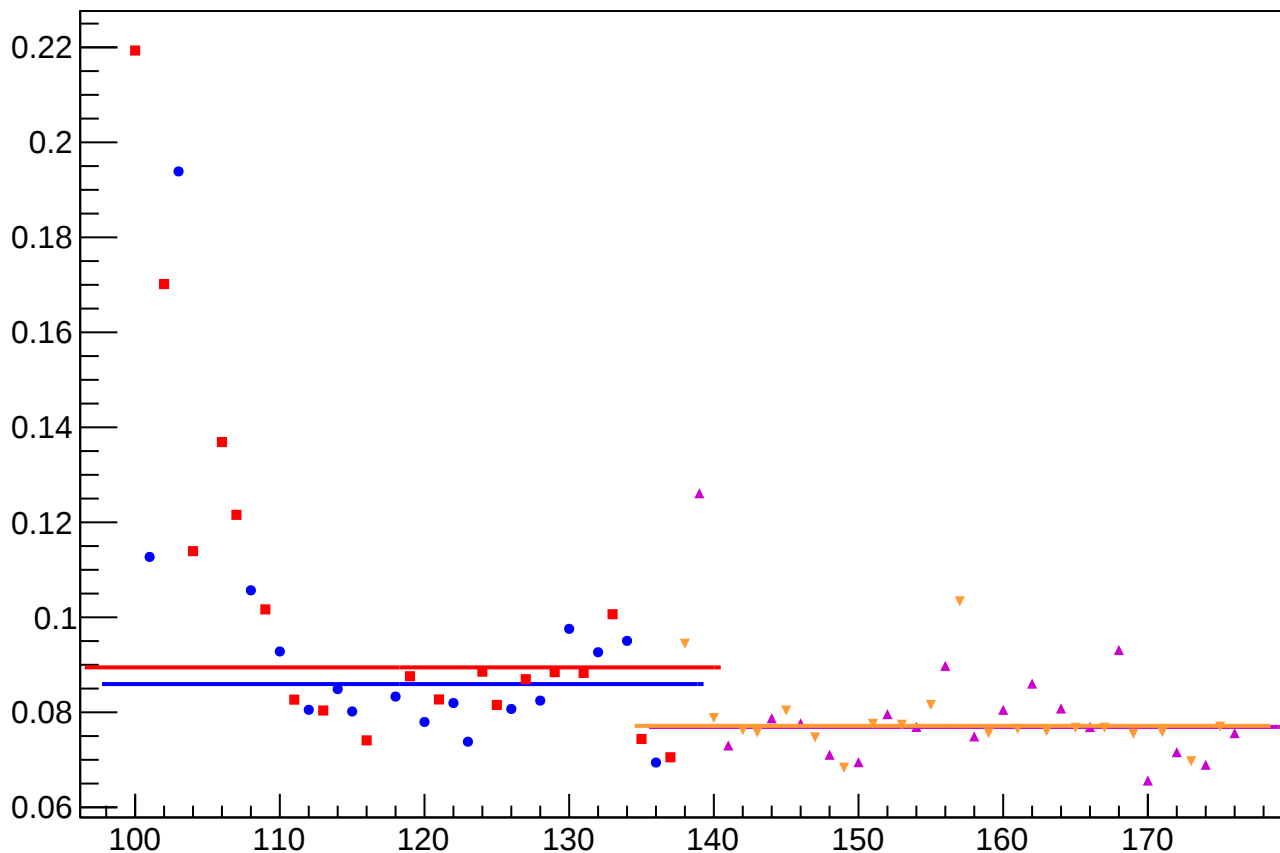
Left In: 31.960 $\pm$ 0.000 χ^2 /NDF:1408639550.0/18

+ sign 31.950 $\pm$ 0.000 χ^2 /NDF: 2930703680.4/36

All: 31.981 $\pm$ 0.000 χ^2 /NDF: 4812660273.3/7

- sign 32.012 $\pm$ 0.000 χ^2 /NDF: 1875976067.5/37

yield_usr_rms vs Slug



Right In: 0.086 $\pm$ 0.000 χ^2 /NDF: 553280.3/16

Left Out: 0.077 $\pm$ 0.000 χ^2 /NDF:180207.2/19

Right Out: 0.089 $\pm$ 0.000 χ^2 /NDF: 539869.9/18

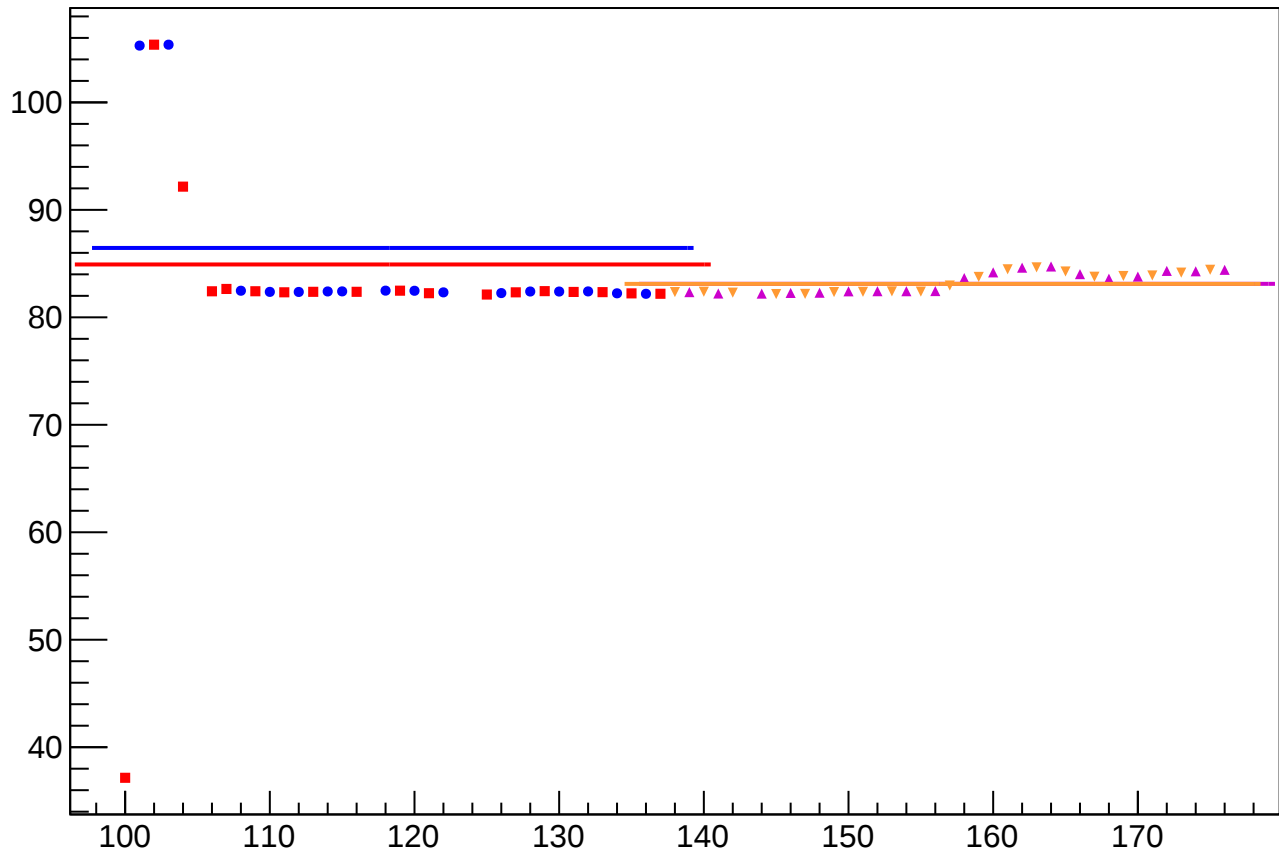
Left In: 0.077 $\pm$ 0.000 χ^2 /NDF:421629.5/18

+ sign 0.079 $\pm$ 0.000 χ^2 /NDF: 824020.3/36

All: 0.080 $\pm$ 0.000 χ^2 /NDF: 1967616.7/74

- sign 0.080 $\pm$ 0.000 χ^2 /NDF: 1142143.6/37

yield_dsl_mean vs Slug



Right In: 86.457+/-0.000 χ^2/NDF : 291421048436.2/15

Left Out: 83.112+/-0.000 χ^2/NDF : 5564144226.3/18

Right Out: 84.920+/-0.000 χ^2/NDF : 172195187677.7/17

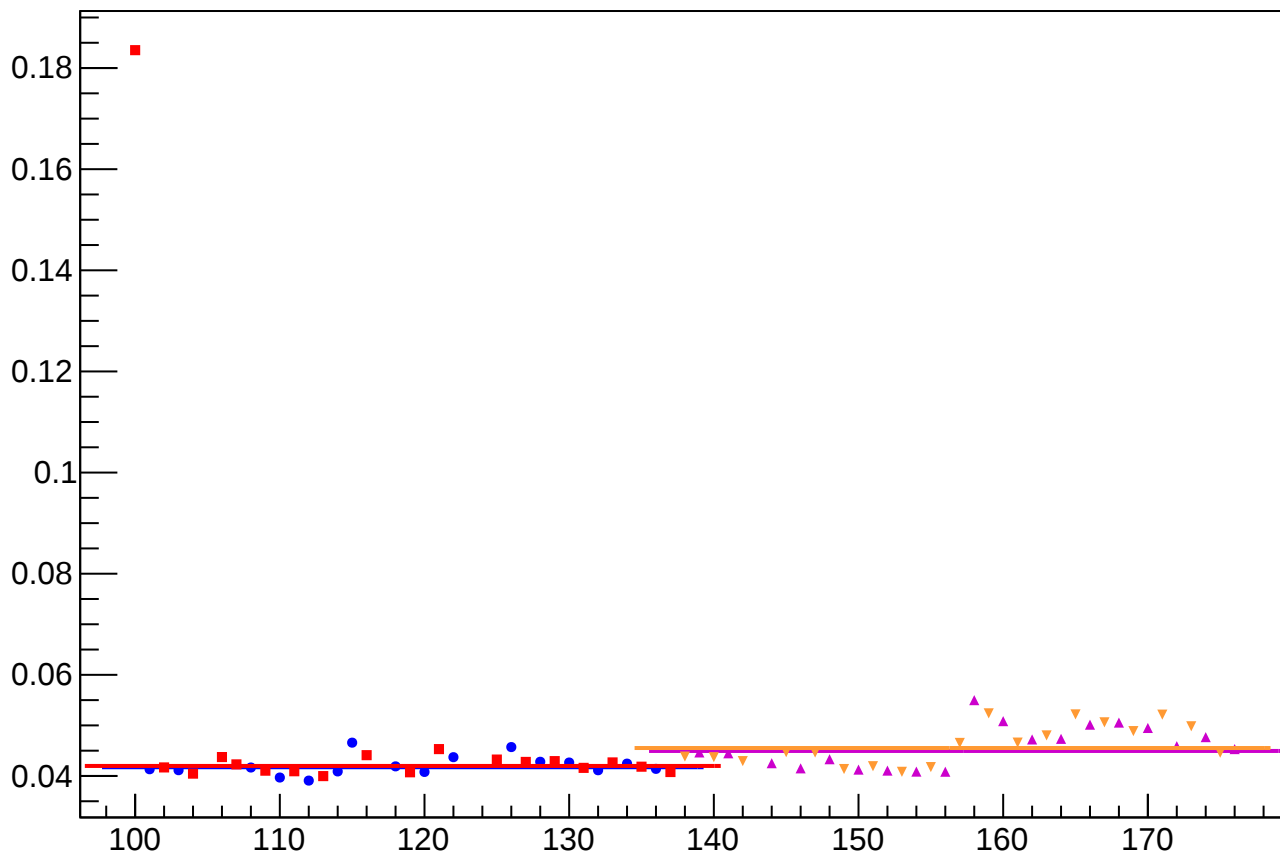
Left In: 83.117+/-0.000 χ^2/NDF : 6231827648.8/18

+ sign 84.314+/-0.000 χ^2/NDF : 323997260054.0/34

All: 84.028+/-0.000 χ^2/NDF : 512277876239.0

- sign 83.757+/-0.000 χ^2/NDF : 186613115596.5/36

yield_dsl_rms vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 18887.0/15

Left Out: 0.046 $\pm$ 0.000 χ^2 /NDF:179088.2/18

Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 96869.3/17

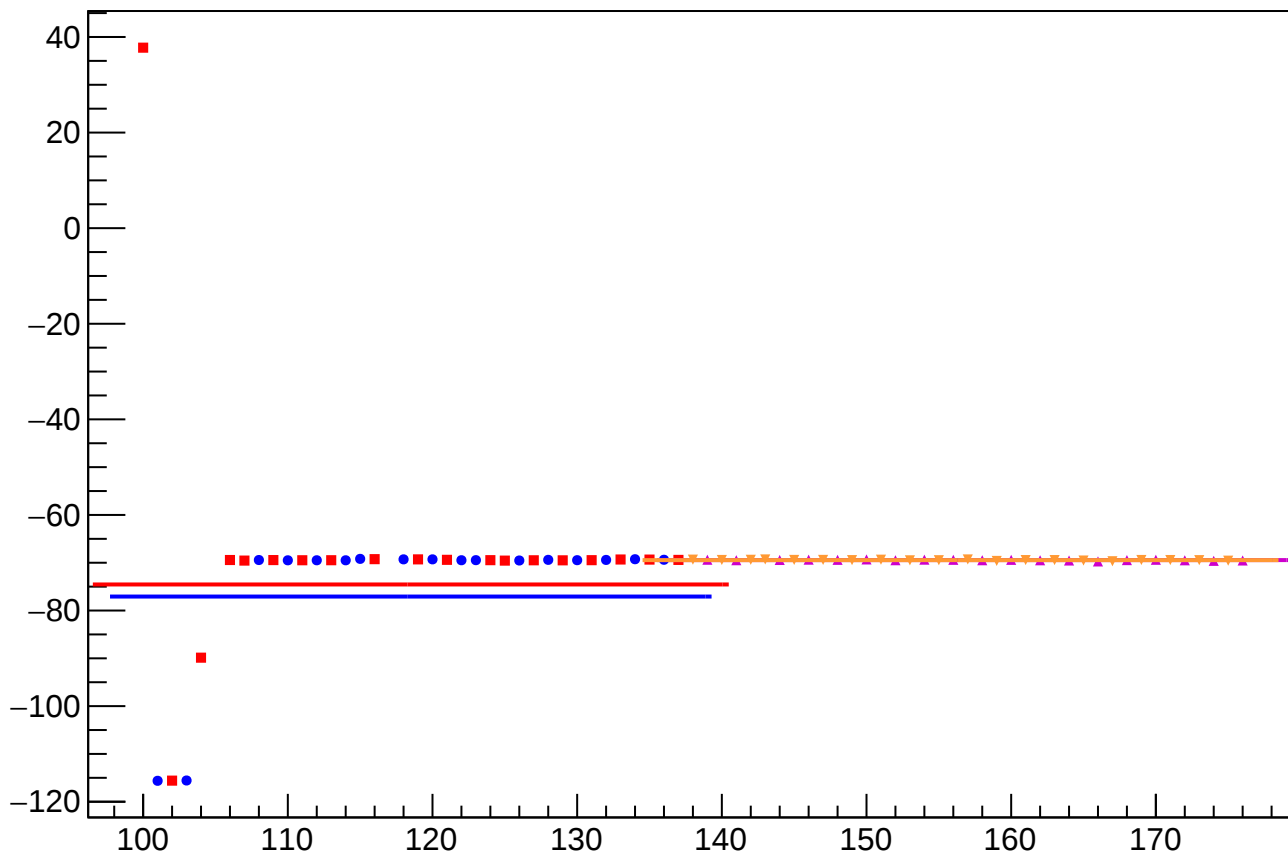
Left In: 0.045 $\pm$ 0.000 χ^2 /NDF:209874.9/18

+ sign 0.044 $\pm$ 0.000 χ^2 /NDF: 267660.9/34

All: 0.044 $\pm$ 0.000 χ^2 /NDF: 619453.0/71

- sign 0.044 $\pm$ 0.000 χ^2 /NDF: 351019.2/36

yield_dsr_mean vs Slug



Right In: -77.074+/-0.000 χ^2/NDF : 565391865606.1/16

Left Out: -69.456+/-0.000 χ^2/NDF : 42684633.0/19

Right Out: -74.547+/-0.000 χ^2/NDF : 371890102737.4/18

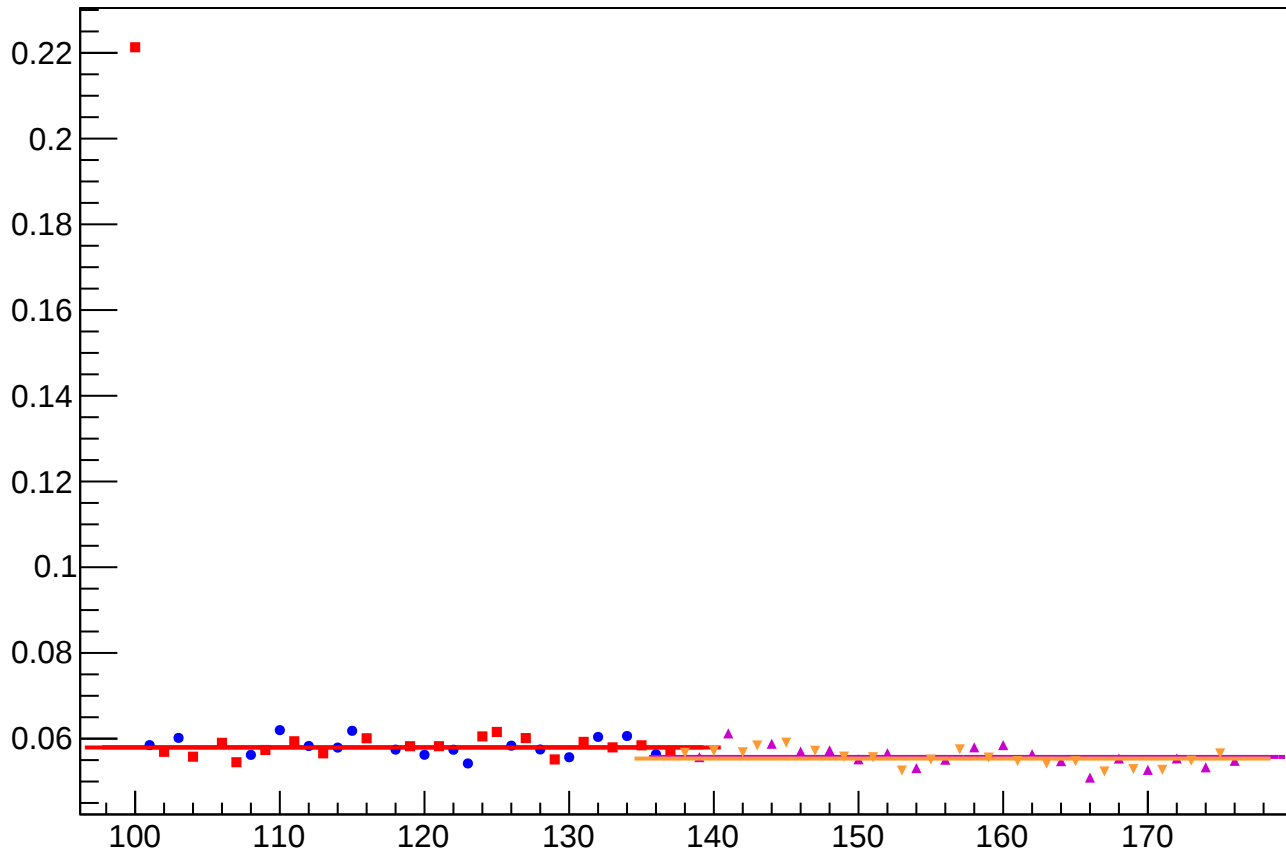
Left In: -69.446+/-0.000 χ^2/NDF : 41421666.2/18

+ sign -71.649+/-0.000 χ^2/NDF : 644581786186.3/3

All: -71.334+/-0.000 χ^2/NDF : 105459783550

- sign -71.018+/-0.000 χ^2/NDF : 408694651412.2/3

yield_dsr_rms vs Slug



Right In: 0.058+/-0.000 χ^2/NDF : 12275.6/16

Left Out: 0.055+/-0.000 χ^2/NDF : 34068.4/19

Right Out: 0.058+/-0.000 χ^2/NDF : 86466.5/18

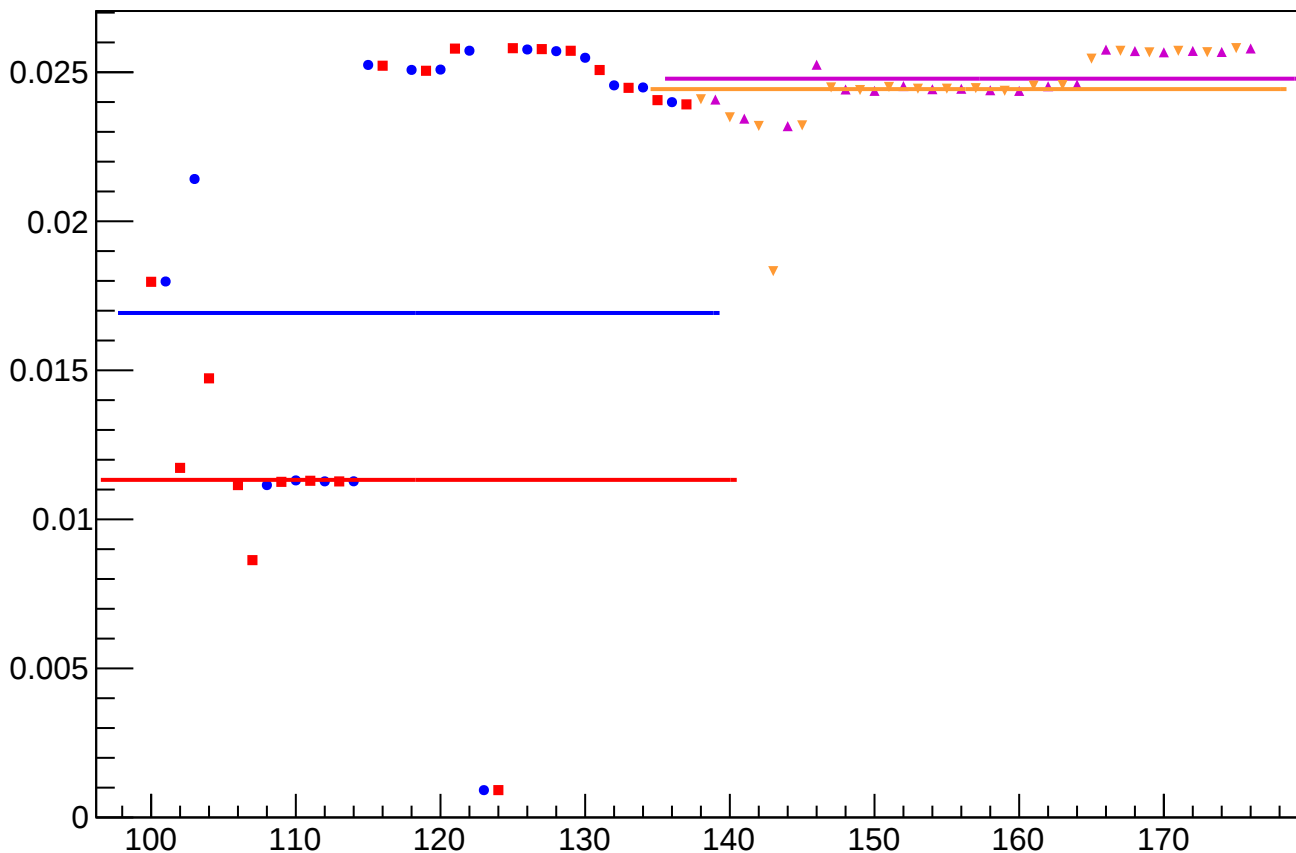
Left In: 0.056+/-0.000 χ^2/NDF : 48878.4/18

+ sign 0.056+/-0.000 χ^2/NDF : 64979.7/36

All: 0.056+/-0.000 χ^2/NDF : 214633.3/74

- sign 0.056+/-0.000 χ^2/NDF : 149016.9/37

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 : 7310431445.5/19

Right Out: 0.011 ± 0.000 χ^2/NDF : 234754769754.2/18

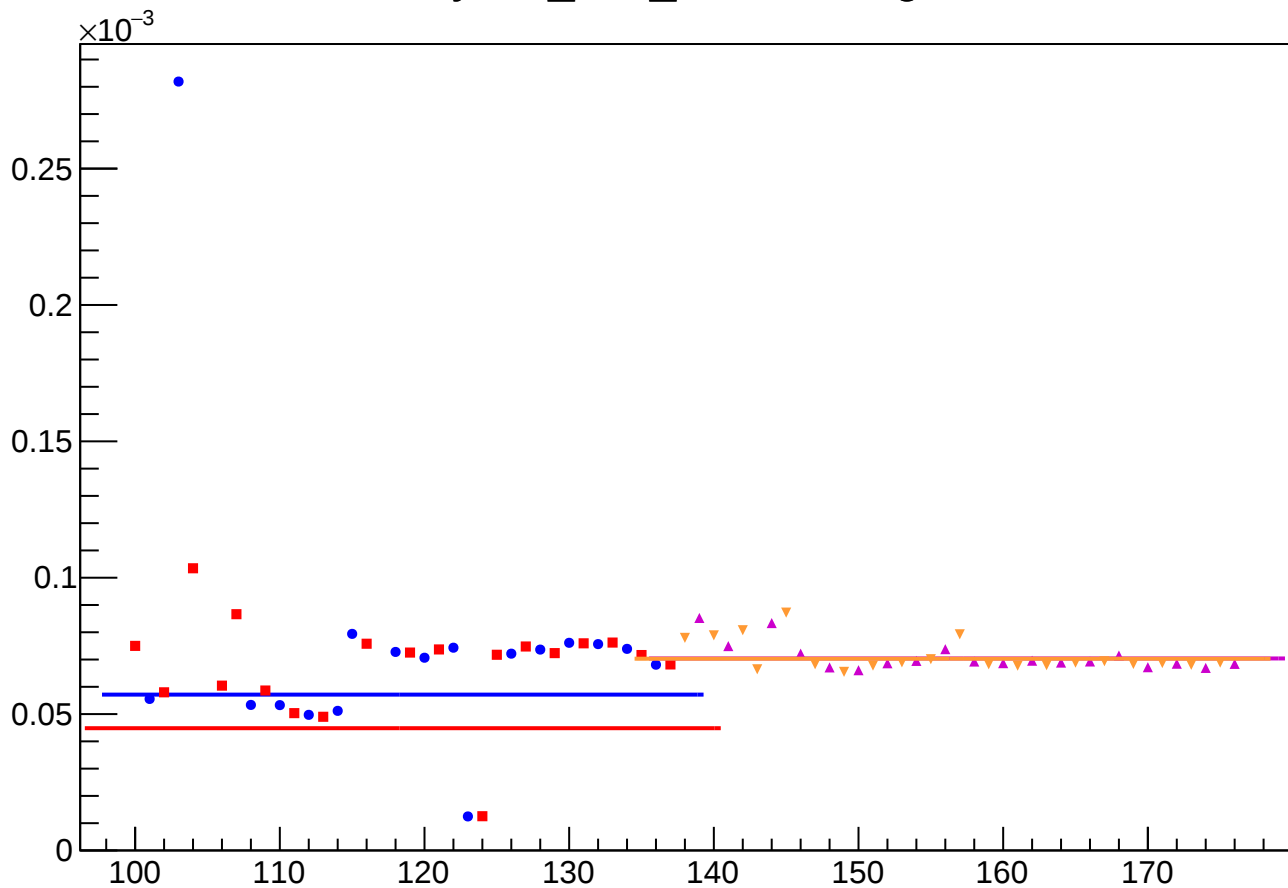
Left In: 0.025 ± 0.000 χ^2/NDF : 1635459502.9/18

+ sign 0.022 ± 0.000 χ^2/NDF : 194250128637.6/36

All: 0.020 ± 0.000 χ^2/NDF : 691618957738.5

- sign 0.019 ± 0.000 χ^2/NDF : 474998199415.1/37

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 : 146597.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 3592224.4/18

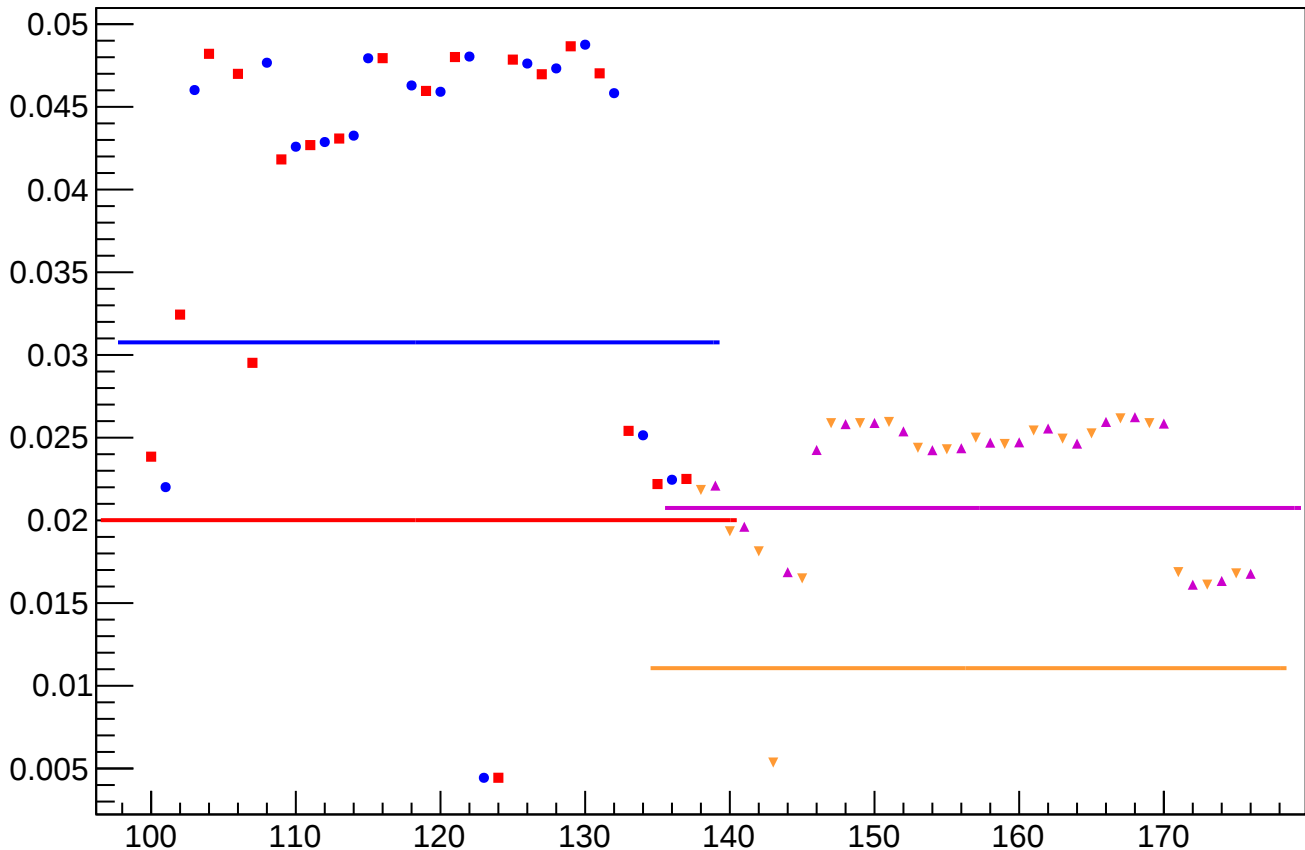
Left In: 0.000+/-0.000 χ^2/NDF : 119011.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 2519007.1/36

All: 0.000+/-0.000 χ^2/NDF : 8174253.0/74

- sign 0.000+/-0.000 χ^2/NDF : 5434038.9/37

yield_atl2_mean vs Slug



Right In: 0.031+/-0.000 χ^2/NDF : 21174738549.0/16

Left Out: 0.011+/-0.000 χ^2/NDF : 34336548242.2/19

Right Out: 0.020+/-0.000 χ^2/NDF : 40011334157.0/18

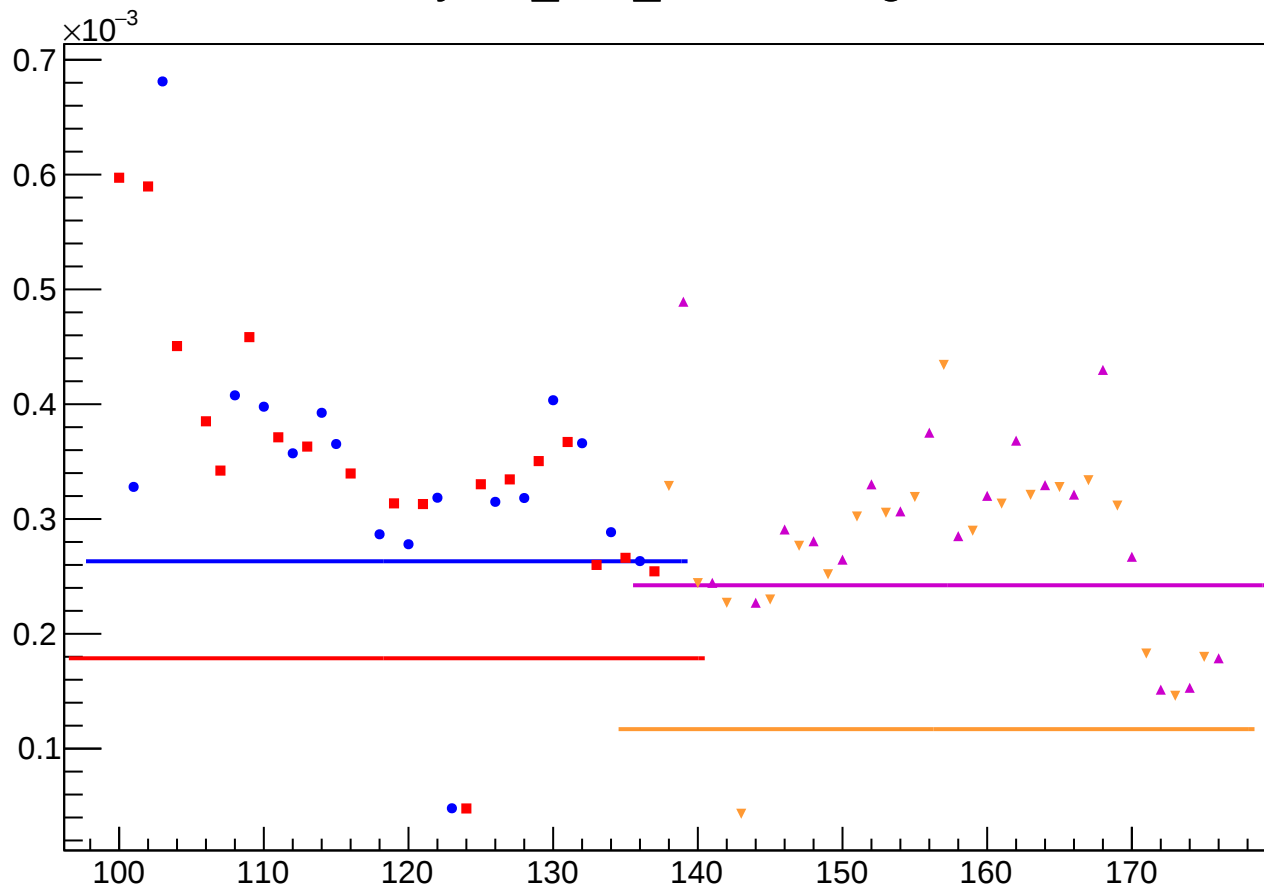
Left In: 0.021+/-0.000 χ^2/NDF : 3790880626.6/18

+ sign 0.013+/-0.000 χ^2/NDF : 79859249948.6/36

All: 0.016+/-0.000 χ^2/NDF : 134749924577.1

- sign 0.020+/-0.000 χ^2/NDF : 43842992589.4/37

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 :12207978.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 5341022.6/18

Left In: 0.000+/-0.000 χ^2/NDF :2704023.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 17292488.7/36

All: 0.000+/-0.000 χ^2/NDF : 29098432.0/74

- sign 0.000+/-0.000 χ^2/NDF : 8652085.0/37

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: 480784566.3/19

Right Out: 0.035 $\pm$ 0.000 χ^2 /NDF: 43669374279.3/18

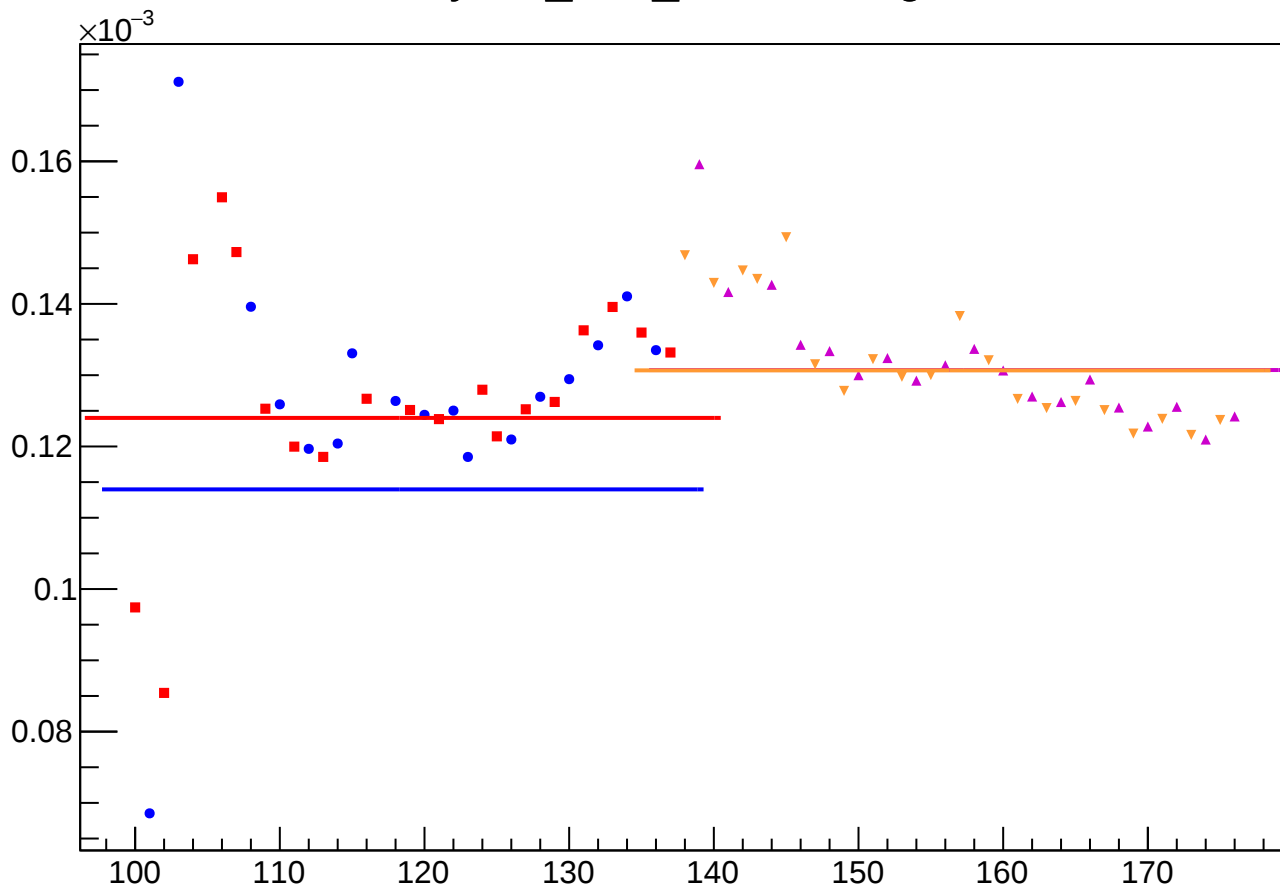
Left In: 0.039 $\pm$ 0.000 χ^2 /NDF: 426590488.9/18

+ sign 0.036 $\pm$ 0.000 χ^2 /NDF: 121523643111.3/36

All: 0.036 $\pm$ 0.000 χ^2 /NDF: 172555011894.8

- sign 0.037 $\pm$ 0.000 χ^2 /NDF: 48951824741.8/37

yield_atr1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 794542.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 109693.8/19

Right Out: 0.000+/-0.000 χ^2/NDF : 245154.5/18

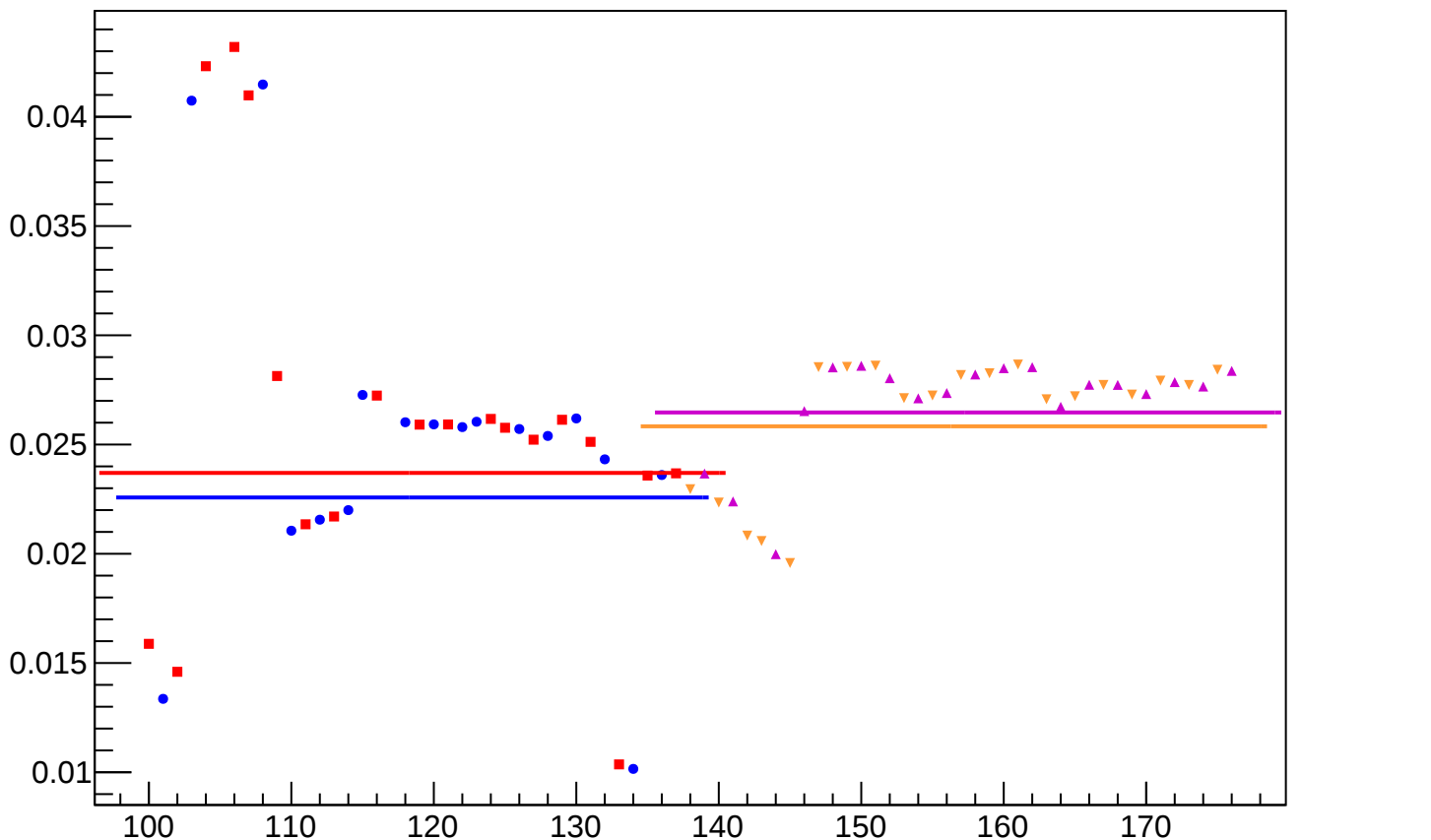
Left In: 0.000+/-0.000 χ^2/NDF : 99918.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 1074166.7/36

All: 0.000+/-0.000 χ^2/NDF : 1462800.4/74

- sign 0.000+/-0.000 χ^2/NDF : 370880.4/37

yield_atr2_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 4247774712.9/16

Left Out: 0.026+/-0.000 χ^2/NDF : 1806616937.9/19

Right Out: 0.024+/-0.000 χ^2/NDF : 5651397656.1/18

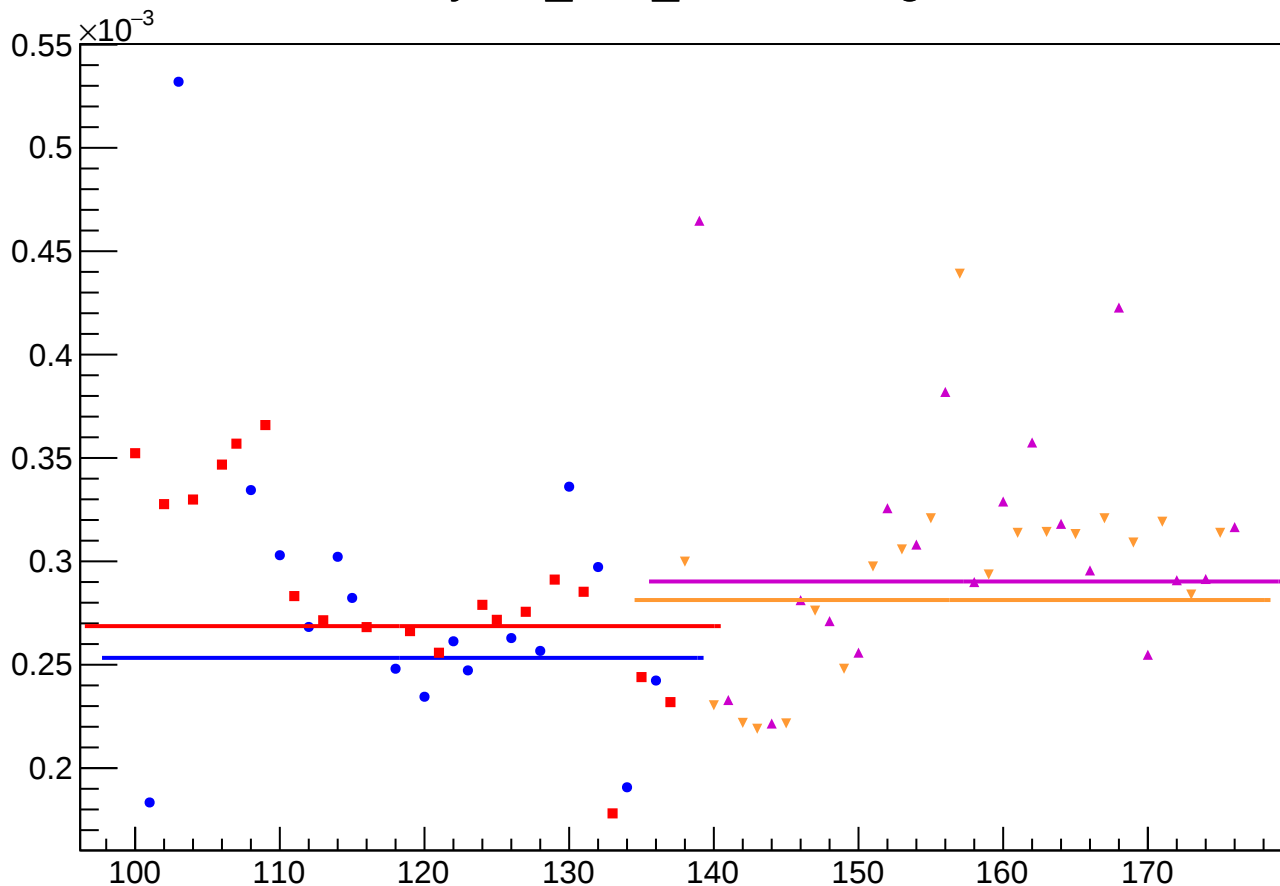
Left In: 0.026+/-0.000 χ^2/NDF : 1206849595.3/18

+ sign 0.025+/-0.000 χ^2/NDF : 6676934755.5/36

All: 0.025+/-0.000 χ^2/NDF : 14038584805.0/7

- sign 0.025+/-0.000 χ^2/NDF : 7281623226.0/37

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 : 645365.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 428329.0/18

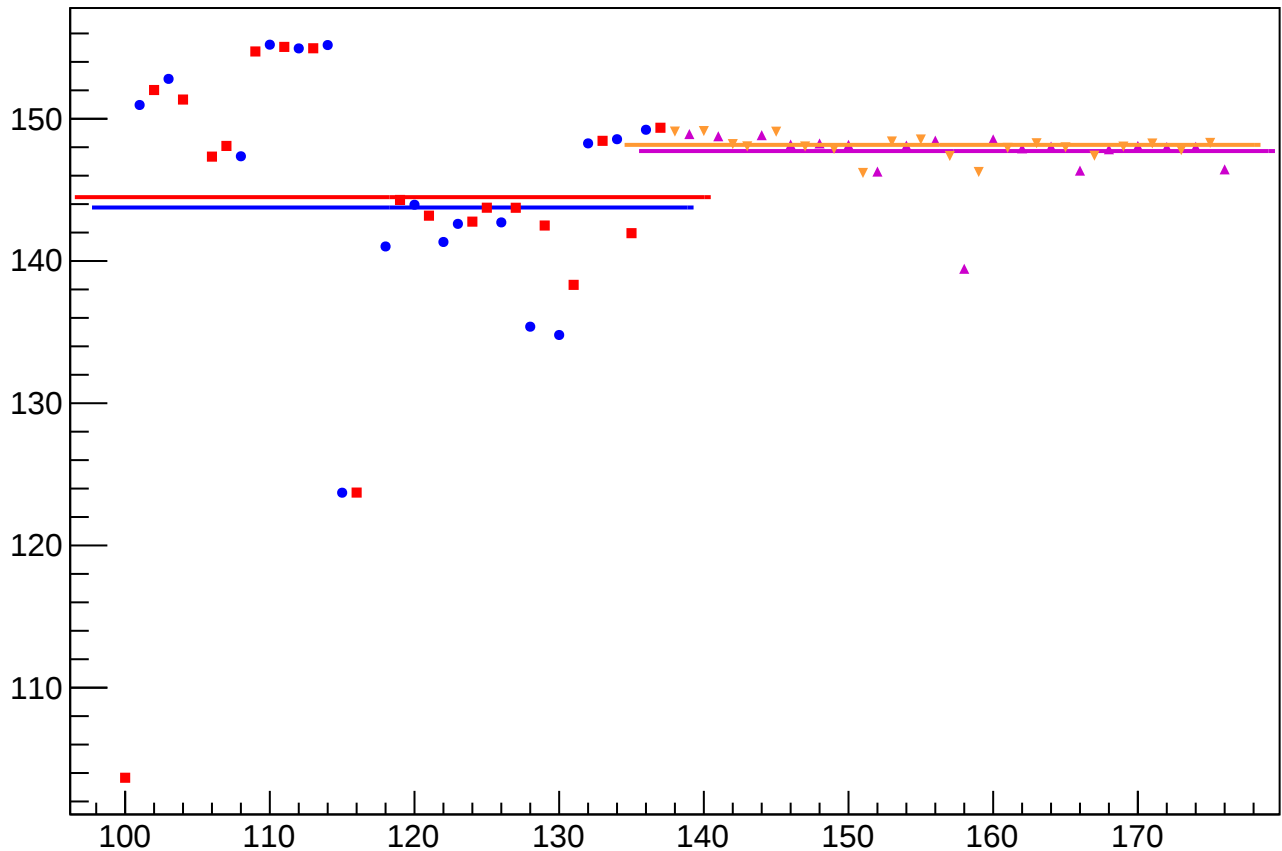
Left In: 0.000+/-0.000 χ^2/NDF : 851257.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 1366366.1/36

All: 0.000+/-0.000 χ^2/NDF : 2728646.1/74

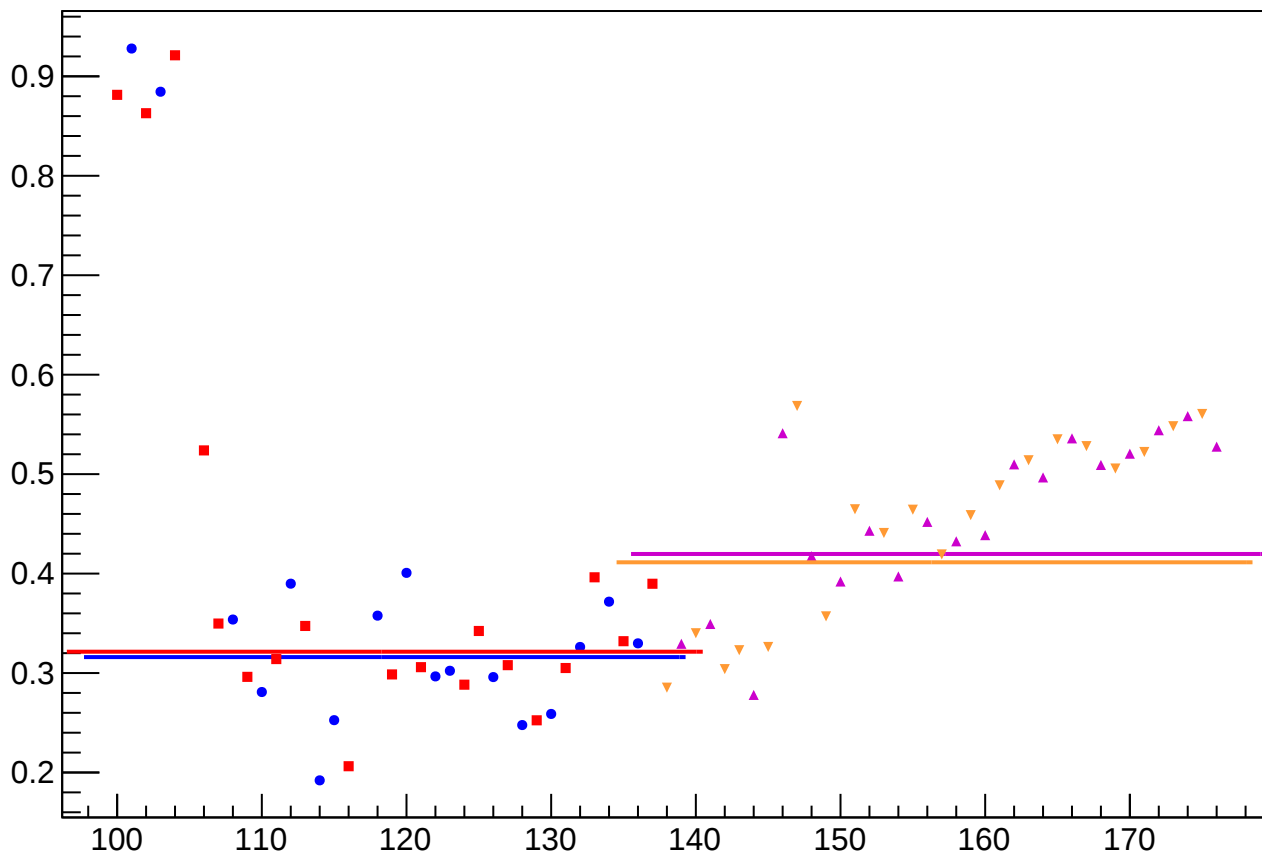
- sign 0.000+/-0.000 χ^2/NDF : 1331139.1/37

yield_bcm_an_ds_mean vs Slug



Right In: 143.763+/-0.000	χ^2/NDF : 3534699505.1/16	+ sign 146.386+/-0.000	χ^2/NDF : 4229916209.4/36
Left Out: 148.166+/-0.000	χ^2/NDF : 52872542.2/19	All: 146.376+/-0.000	χ^2/NDF : 9087529101.1
Right Out: 144.490+/-0.000	χ^2/NDF : 4182548232.5/18	- sign 146.367+/-0.000	χ^2/NDF : 4857588731.1/37
Left In: 147.730+/-0.000	χ^2/NDF : 330346337.4/18		

yield_bcm_an_ds_rms vs Slug



Right In: 0.316 ± 0.000 χ^2/NDF : 1265921.5/16

Left Out: 0.411 ± 0.000 χ^2/NDF : 1422947.5/19

Right Out: 0.321 ± 0.000 χ^2/NDF : 1219073.9/18

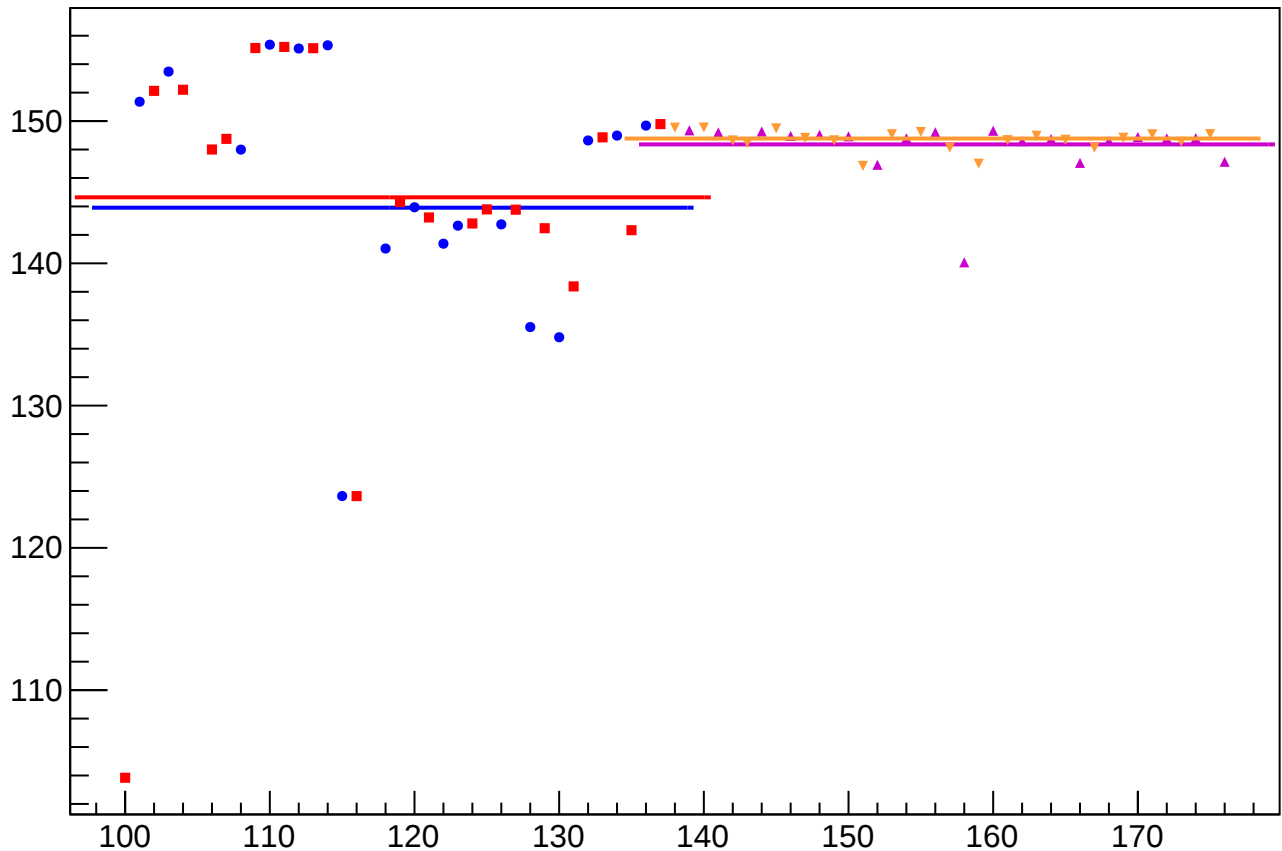
Left In: 0.420 ± 0.000 χ^2/NDF : 1179038.5/18

+ sign 0.373 ± 0.000 χ^2/NDF : 3290760.7/36

All: 0.376 ± 0.000 χ^2/NDF : 6327006.4/74

- sign 0.378 ± 0.000 χ^2/NDF : 3032036.8/37

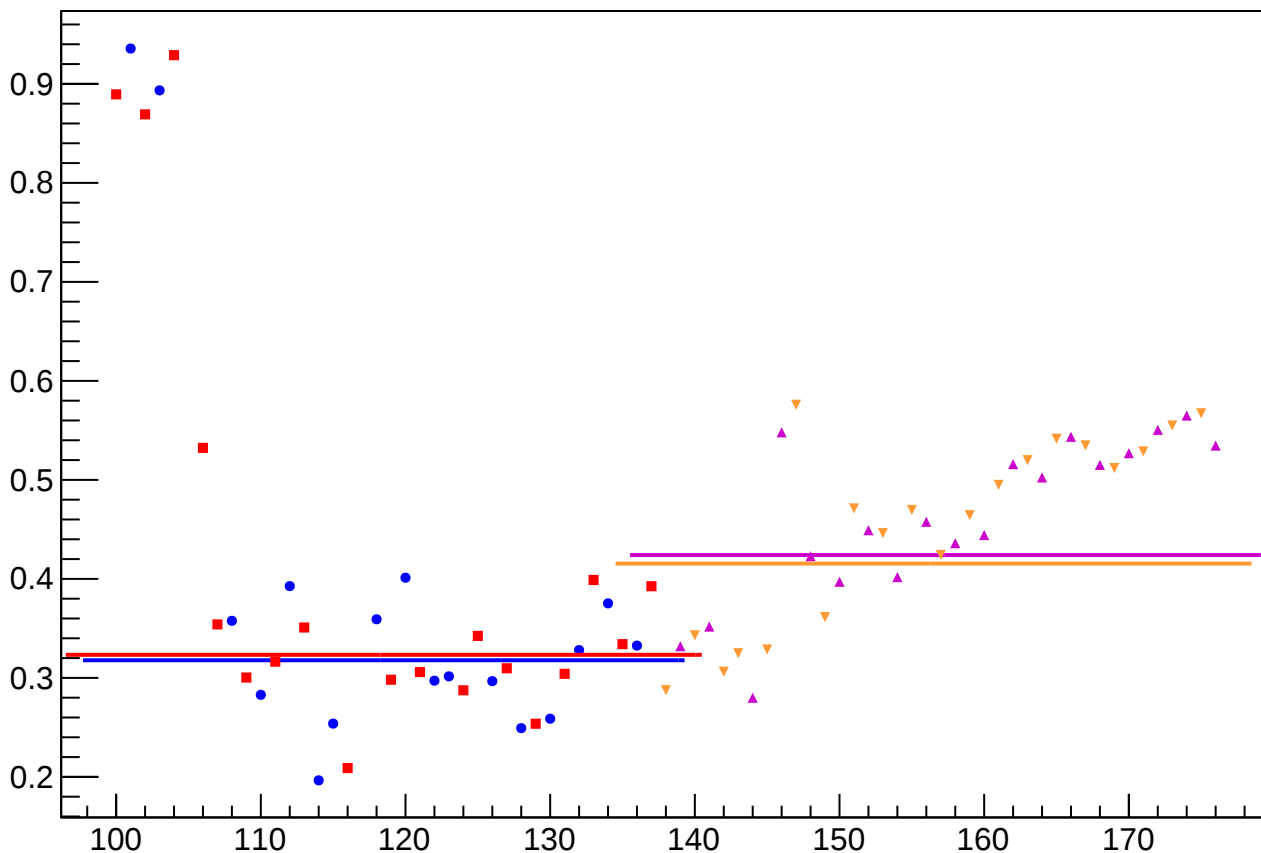
yield_bcm_an_ds3_mean vs Slug



Right In: 143.912 ± 0.000 χ^2/NDF : 3587769790.2/16
 Left Out: 148.773 ± 0.000 χ^2/NDF : 41539913.0/19
 Right Out: 144.640 ± 0.000 χ^2/NDF : 4209610240.4/18
 Left In: 148.360 ± 0.000 χ^2/NDF : 319502619.7/18

+ sign 146.796 ± 0.000 χ^2/NDF : 4400172706.0/36
 All: 146.791 ± 0.000 χ^2/NDF : 9376321819.6
 - sign 146.786 ± 0.000 χ^2/NDF : 4976142282.0/37

yield_bcm_an_ds3_rms vs Slug



Right In: 0.318 ± 0.000 χ^2/NDF : 1268257.9/16

Left Out: 0.415 ± 0.000 χ^2/NDF : 1447580.4/19

Right Out: 0.323 ± 0.000 χ^2/NDF : 1222241.9/18

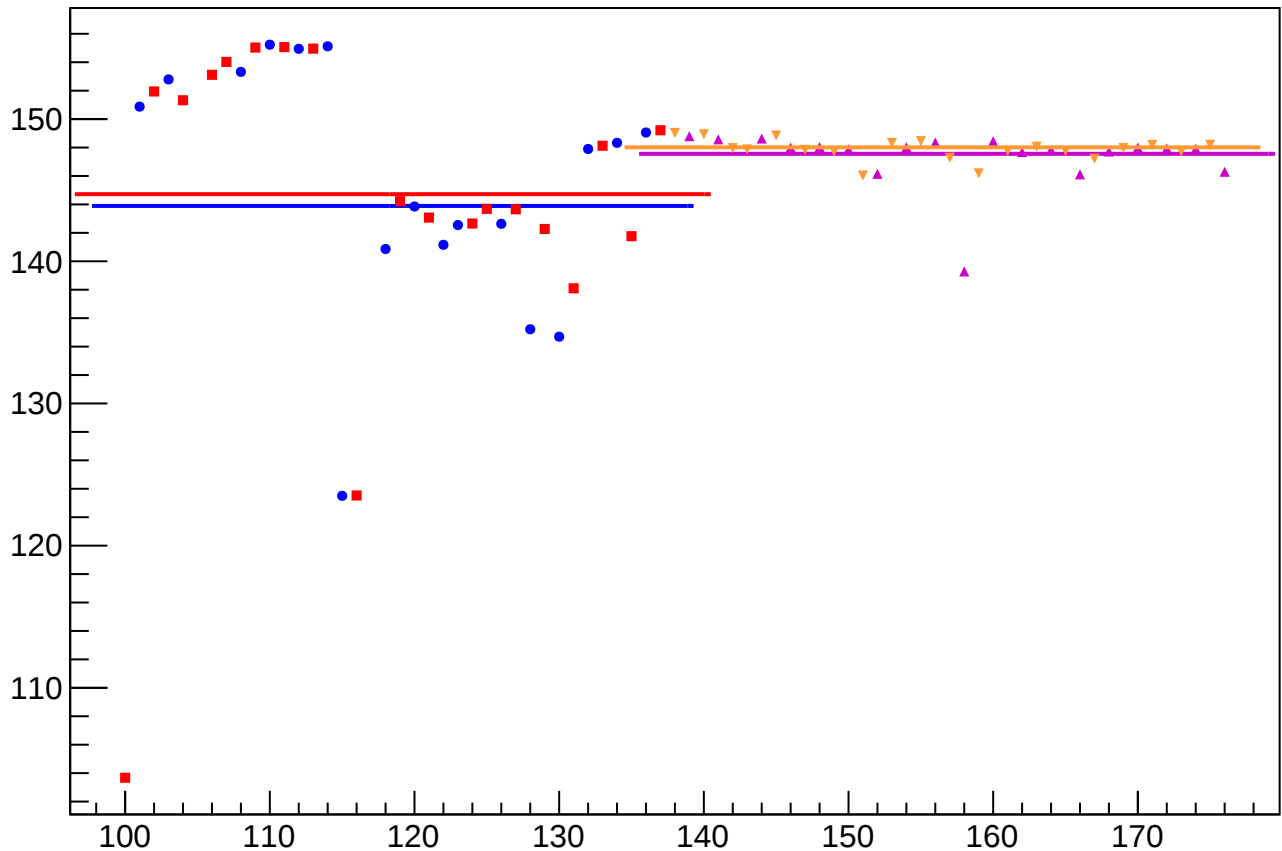
Left In: 0.424 ± 0.000 χ^2/NDF : 1200911.7/18

+ sign 0.376 ± 0.000 χ^2/NDF : 3338329.8/36

All: 0.379 ± 0.000 χ^2/NDF : 6421553.4/74

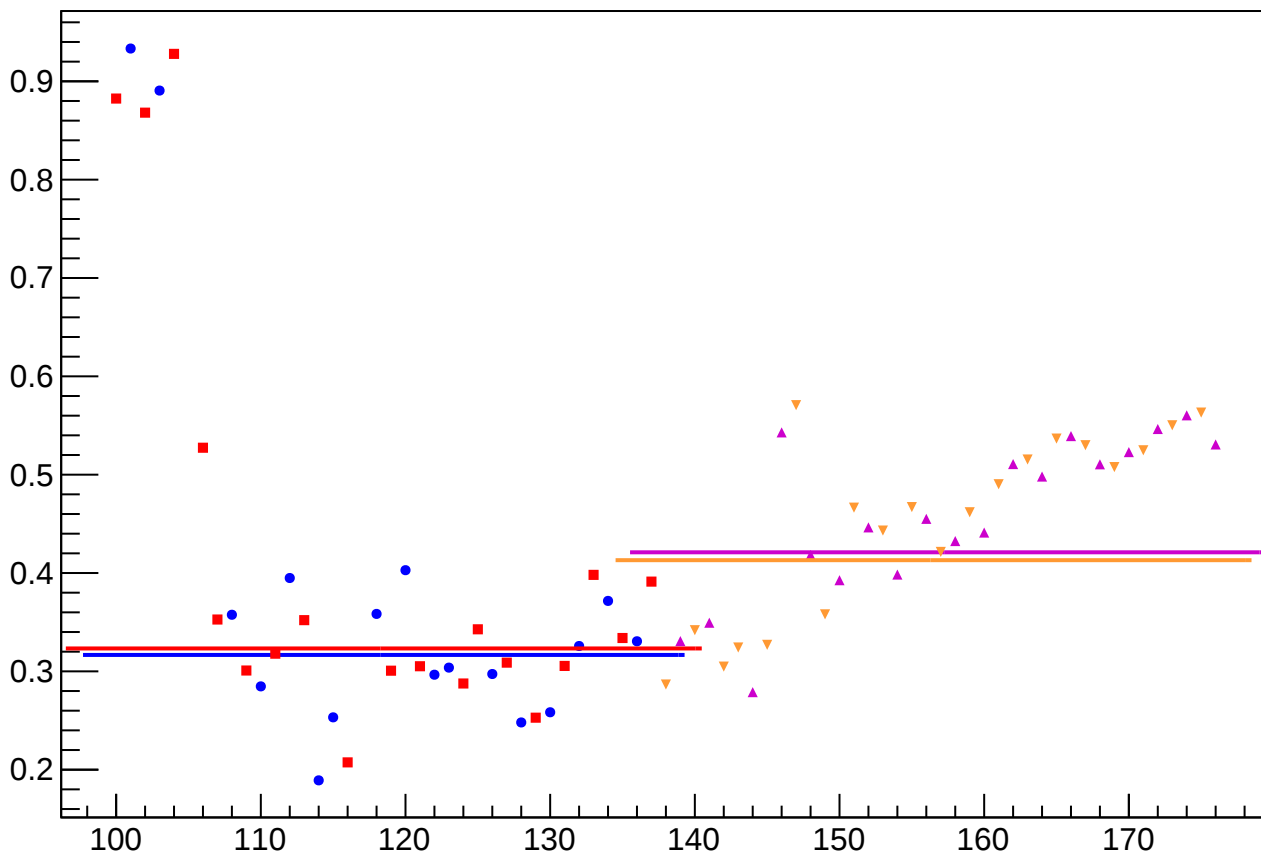
- sign 0.381 ± 0.000 χ^2/NDF : 3078941.5/37

yield_bcm_an_us_mean vs Slug



Right In: 143.893 $\pm$ 0.000	χ^2 /NDF: 3752655677.2/16	+ sign 146.346 $\pm$ 0.000	χ^2 /NDF: 4362651048.8/36
Left Out: 148.015 $\pm$ 0.000	χ^2 /NDF: 51266878.0/19	All: 146.356 $\pm$ 0.000	χ^2 /NDF: 9427496421.3
Right Out: 144.719 $\pm$ 0.000	χ^2 /NDF: 4473225884.5/18	- sign 146.367 $\pm$ 0.000	χ^2 /NDF: 5064815708.8/37
Left In: 147.559 $\pm$ 0.000	χ^2 /NDF: 329378539.7/18		

yield_bcm_an_us_rms vs Slug



Right In: 0.317 ± 0.000 χ^2/NDF : 1280358.6/16

Left Out: 0.413 ± 0.000 χ^2/NDF : 1424434.5/19

Right Out: 0.323 ± 0.000 χ^2/NDF : 1222784.7/18

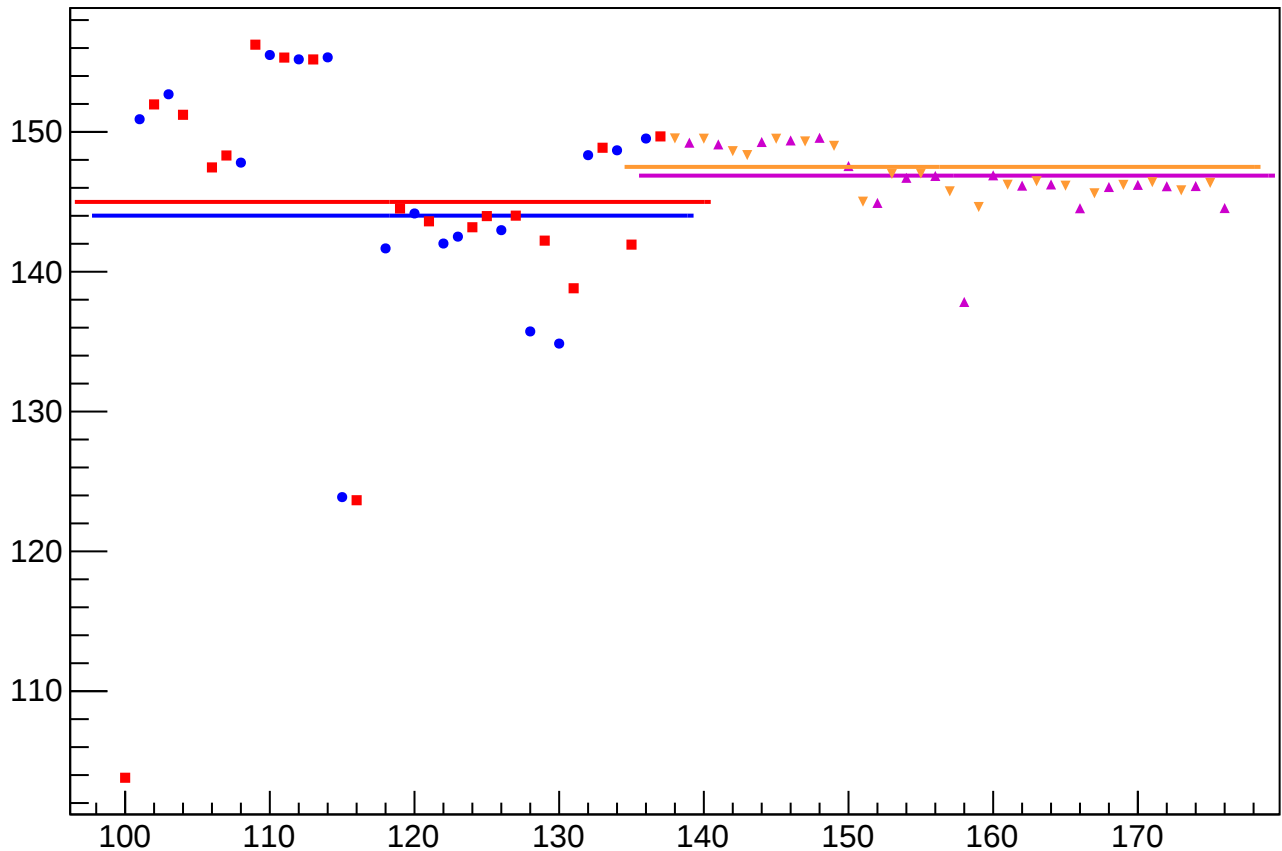
Left In: 0.421 ± 0.000 χ^2/NDF : 1186178.0/18

+ sign 0.374 ± 0.000 χ^2/NDF : 3315522.2/36

All: 0.377 ± 0.000 χ^2/NDF : 6351078.9/74

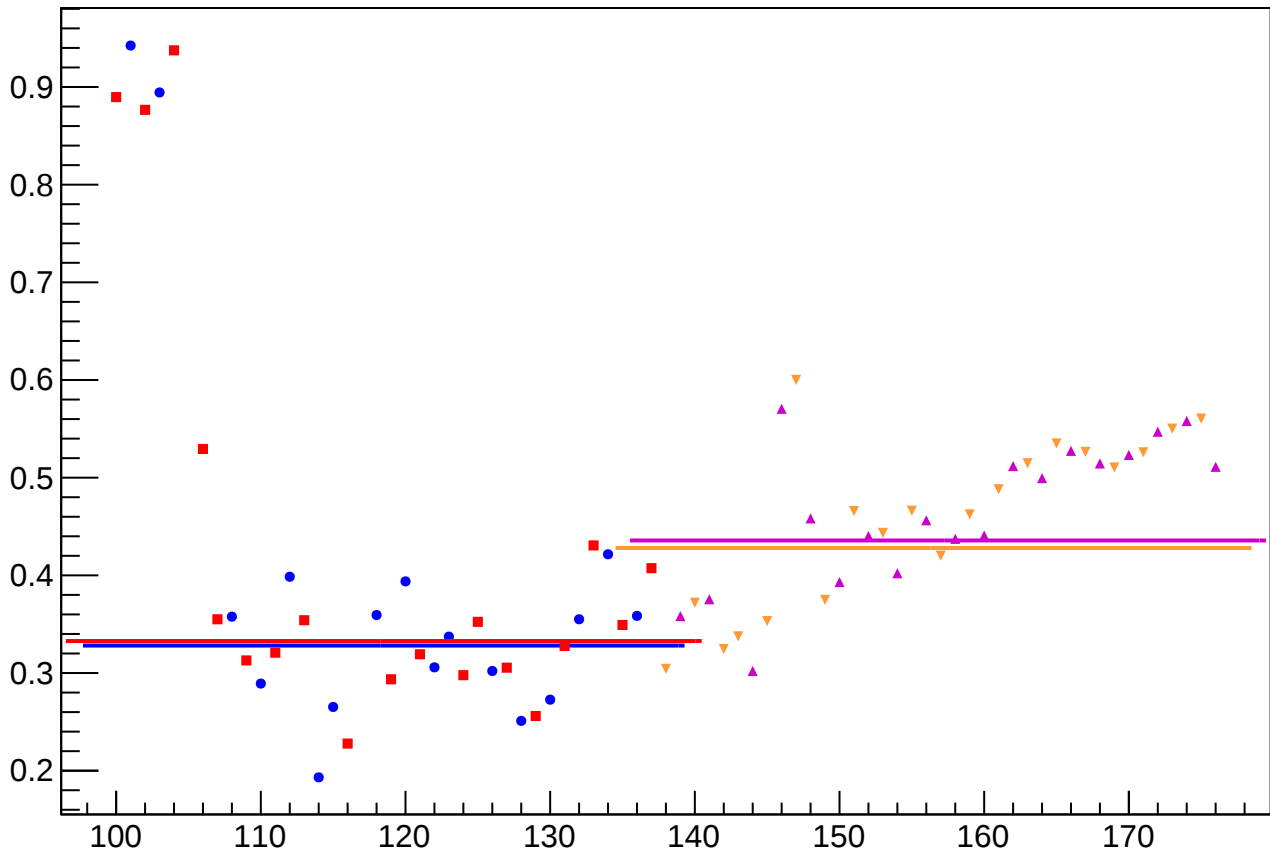
- sign 0.380 ± 0.000 χ^2/NDF : 3030706.6/37

yield_bcm_dg_us_mean vs Slug



Right In: 144.012 $\pm$ 0.000	χ^2 /NDF: 3241696920.3/16	+ sign 146.096 $\pm$ 0.000	χ^2 /NDF: 3826016270.5/36
Left Out: 147.499 $\pm$ 0.000	χ^2 /NDF: 211360068.3/19	All: 146.091 $\pm$ 0.000	χ^2 /NDF: 8311049789.6
Right Out: 144.994 $\pm$ 0.000	χ^2 /NDF: 3852381452.1/18	- sign 146.085 $\pm$ 0.000	χ^2 /NDF: 4485025477.6/37
Left In: 146.874 $\pm$ 0.000	χ^2 /NDF: 524222783.6/18		

yield_bcm_dg_us_rms vs Slug



Right In: 0.328 ± 0.000 χ^2/NDF : 1265892.9/16

Left Out: 0.428 ± 0.000 χ^2/NDF : 1111482.3/19

Right Out: 0.333 ± 0.000 χ^2/NDF : 1185129.6/18

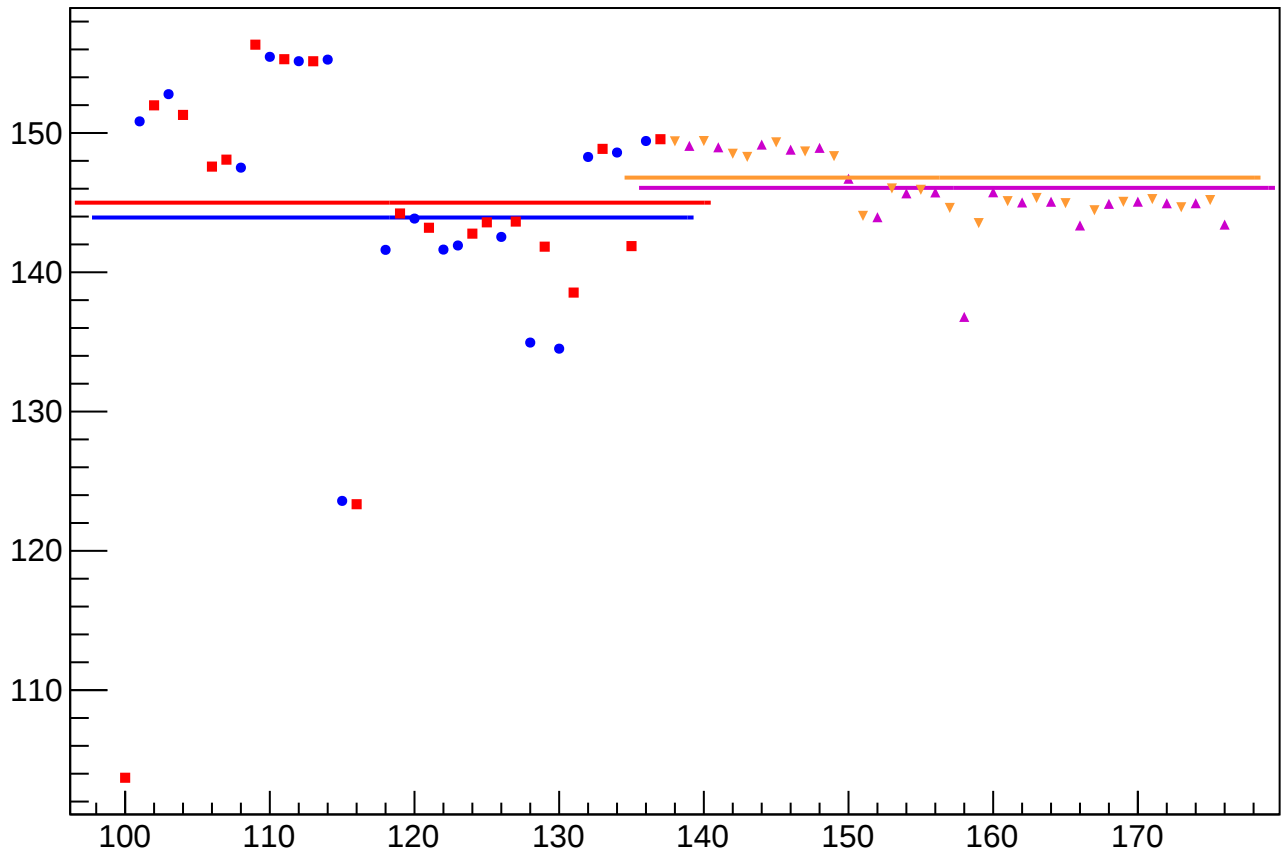
Left In: 0.436 ± 0.000 χ^2/NDF : 886552.4/18

+ sign 0.388 ± 0.000 χ^2/NDF : 2989806.8/36

All: 0.390 ± 0.000 χ^2/NDF : 5714195.0/74

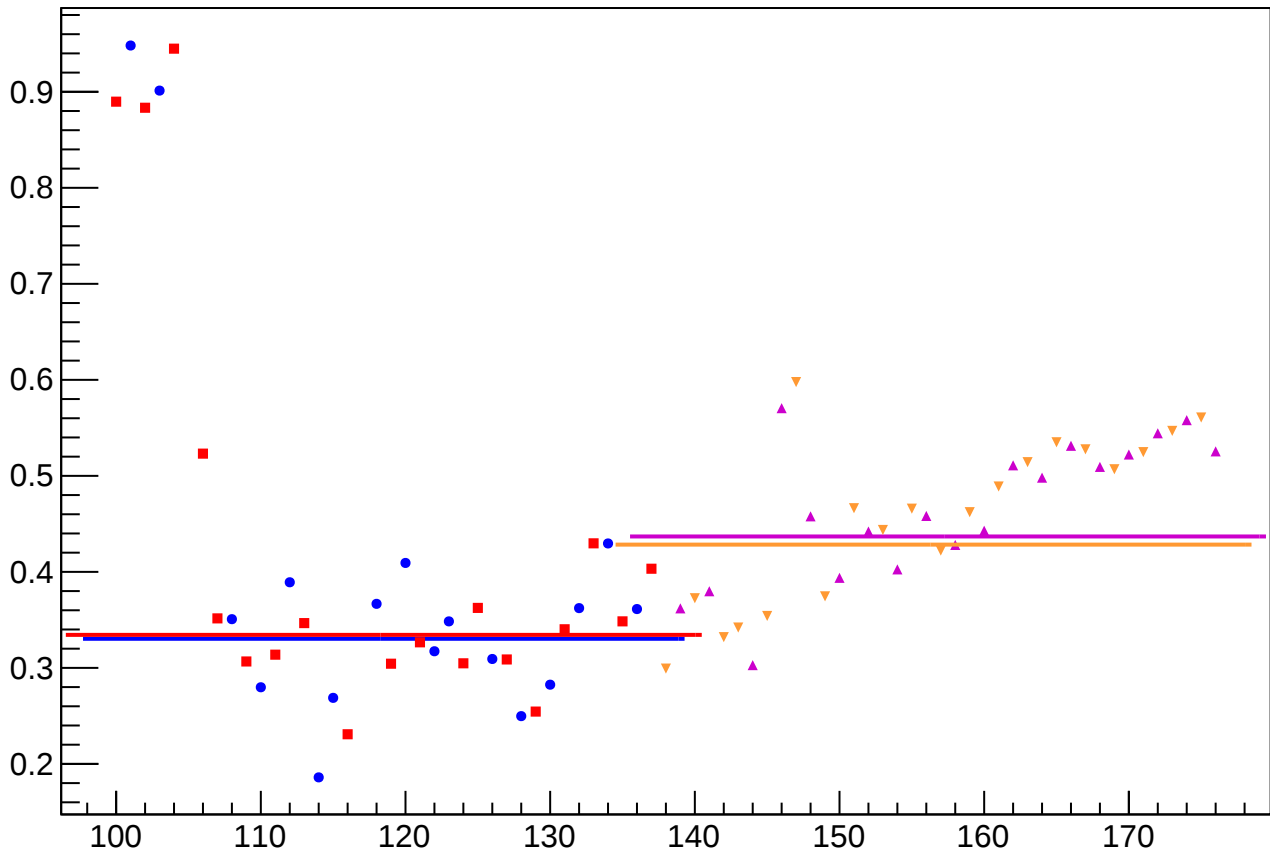
- sign 0.393 ± 0.000 χ^2/NDF : 2721614.3/37

yield_bcm_dg_ds_mean vs Slug



Right In: 143.932 $\pm$ 0.000	χ^2 /NDF: 3383012861.2/16	+ sign 145.655 $\pm$ 0.000	χ^2 /NDF: 3962156451.5/36
Left Out: 146.797 $\pm$ 0.000	χ^2 /NDF: 330198201.5/19	All: 145.636 $\pm$ 0.000	χ^2 /NDF: 8581460659.2
Right Out: 144.998 $\pm$ 0.000	χ^2 /NDF: 3932958476.0/18	- sign 145.616 $\pm$ 0.000	χ^2 /NDF: 4619209719.3/37
Left In: 146.060 $\pm$ 0.000	χ^2 /NDF: 651961708.0/18		

yield_bcm_dg_ds_rms vs Slug



Right In: 0.330 ± 0.000 χ^2/NDF : 1283955.7/16

Left Out: 0.428 ± 0.000 χ^2/NDF : 1100499.1/19

Right Out: 0.334 ± 0.000 χ^2/NDF : 1174012.0/18

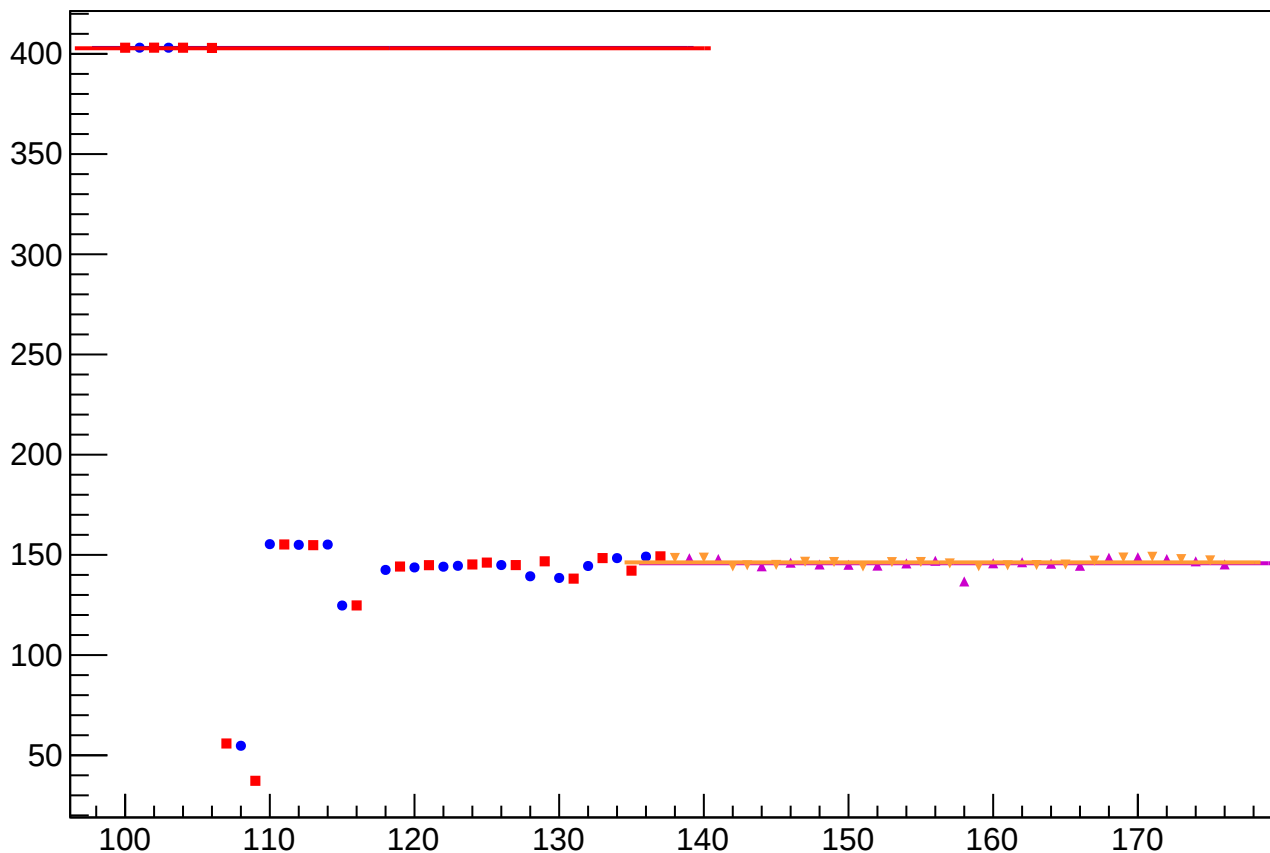
Left In: 0.437 ± 0.000 χ^2/NDF : 868402.6/18

+ sign 0.389 ± 0.000 χ^2/NDF : 2967970.1/36

All: 0.392 ± 0.000 χ^2/NDF : 5651313.8/74

- sign 0.394 ± 0.000 χ^2/NDF : 2680525.2/37

yield_cav4bQ_mean vs Slug



Right In: 402.958 $\pm$ 0.000 χ^2 /NDF: 1094364588383.4/16

Left Out: 146.250 $\pm$ 0.000 χ^2 /NDF: 74307072.3/19

Right Out: 402.799 $\pm$ 0.000 χ^2 /NDF: 3102036567767.5/18

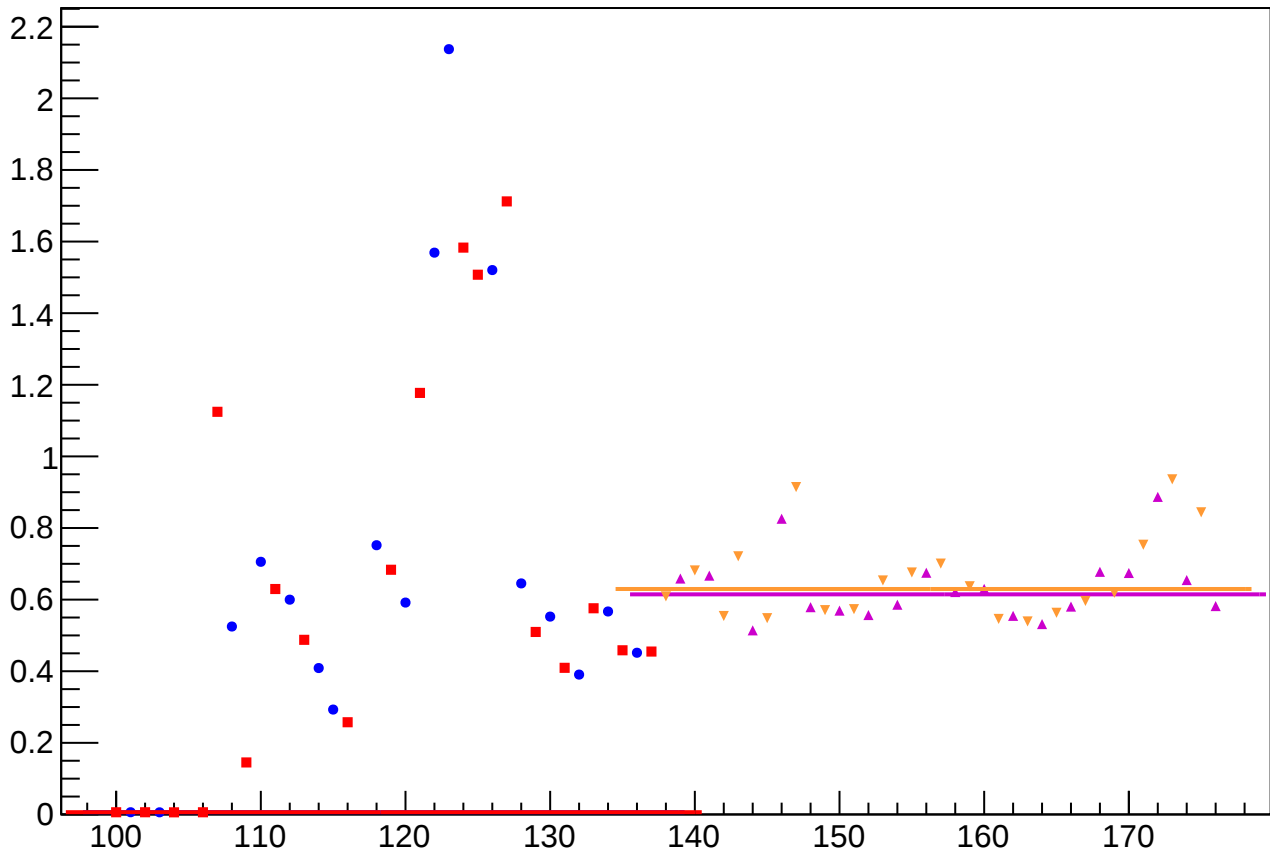
Left In: 145.820 $\pm$ 0.000 χ^2 /NDF: 171278179.3/18

+ sign 402.724 $\pm$ 0.000 χ^2 /NDF: 2960578261283.8

All: 402.648 $\pm$ 0.000 χ^2 /NDF: 803184808867.5

- sign 402.582 $\pm$ 0.000 χ^2 /NDF: 5070932750022.1

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 9079322.7/16

Left Out: 0.630+/-0.000 χ^2/NDF : 548588.8/19

Right Out: 0.006+/-0.000 χ^2/NDF : 9193355.5/18

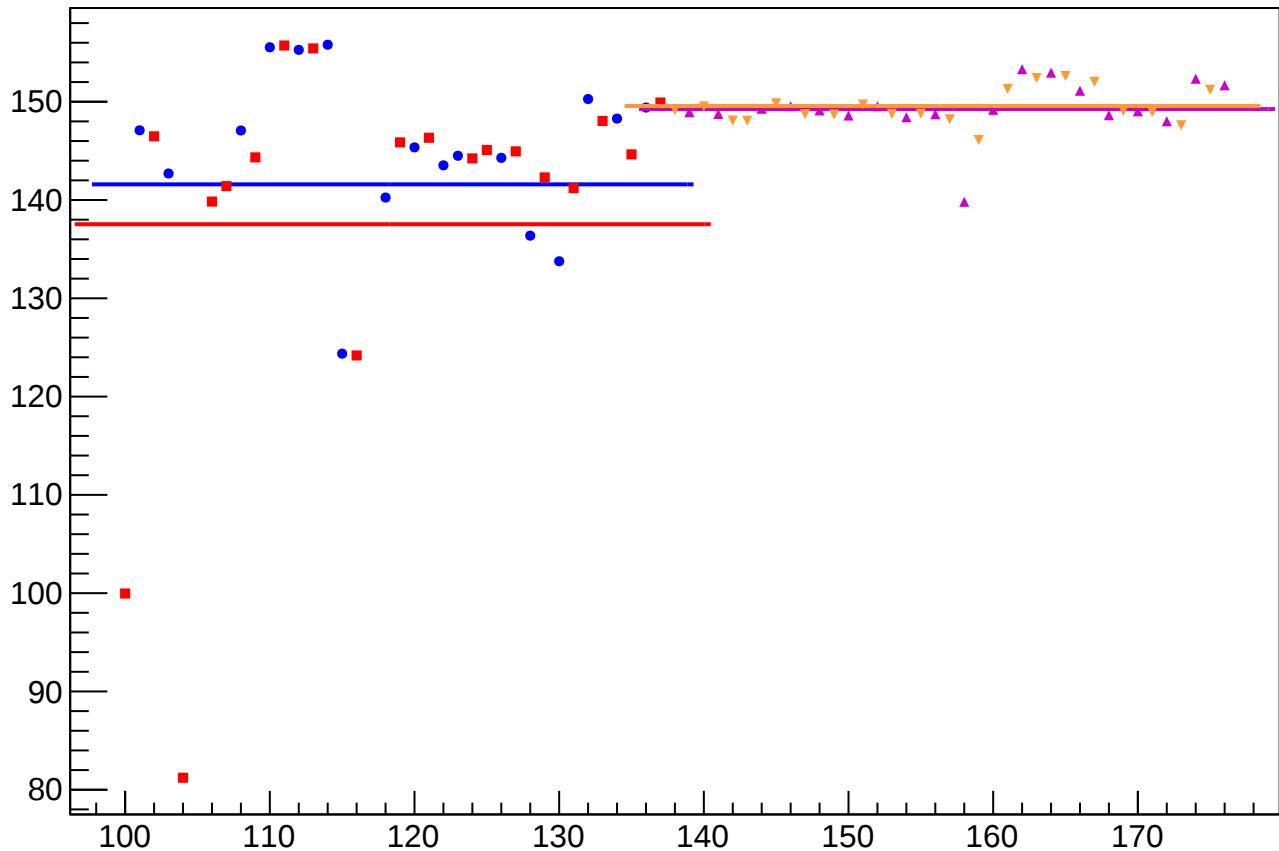
Left In: 0.615+/-0.000 χ^2/NDF : 355467.3/18

+ sign 0.007+/-0.000 χ^2/NDF : 31635185.8/36

All: 0.007+/-0.000 χ^2/NDF : 63253121.6/74

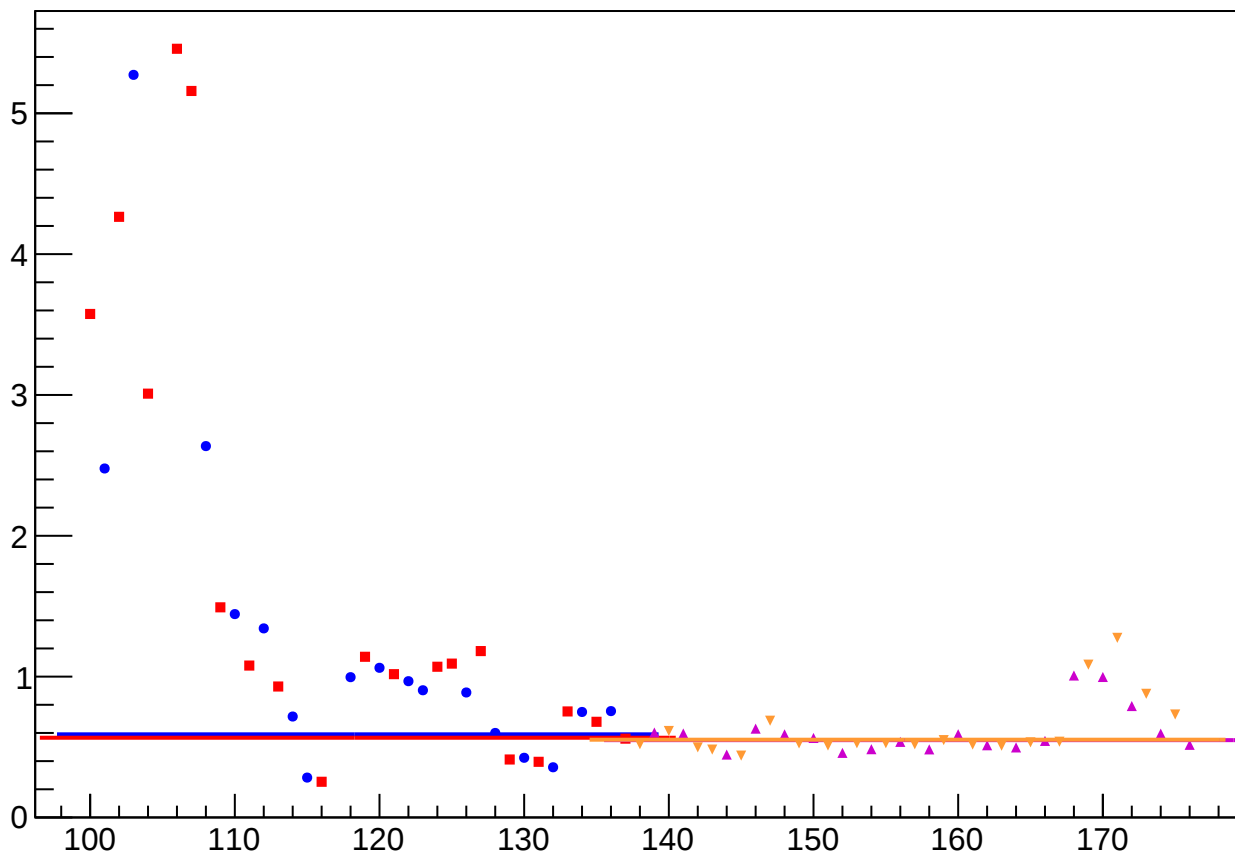
- sign 0.007+/-0.000 χ^2/NDF : 31617805.8/37

yield_cav4cQ_mean vs Slug



Right In: 141.593+/-0.000	χ^2/NDF : 980101868.2/16	+ sign 148.018+/-0.000	χ^2/NDF : 1624329663.2/36
Left Out: 149.567+/-0.000	χ^2/NDF : 127028623.3/19	All: 147.455+/-0.000	χ^2/NDF : 4542399060.7
Right Out: 137.539+/-0.000	χ^2/NDF : 1316096307.7/18	- sign 146.901+/-0.000	χ^2/NDF : 2885336827.4/37
Left In: 149.253+/-0.000	χ^2/NDF : 404375830.0/18		

yield_cav4cQ_rms vs Slug



Right In: 0.590 $\pm$ 0.000 χ^2 /NDF: 3491995.1/16

Left Out: 0.552 $\pm$ 0.000 χ^2 /NDF:1310361.2/19

Right Out: 0.566 $\pm$ 0.000 χ^2 /NDF: 4683596.4/18

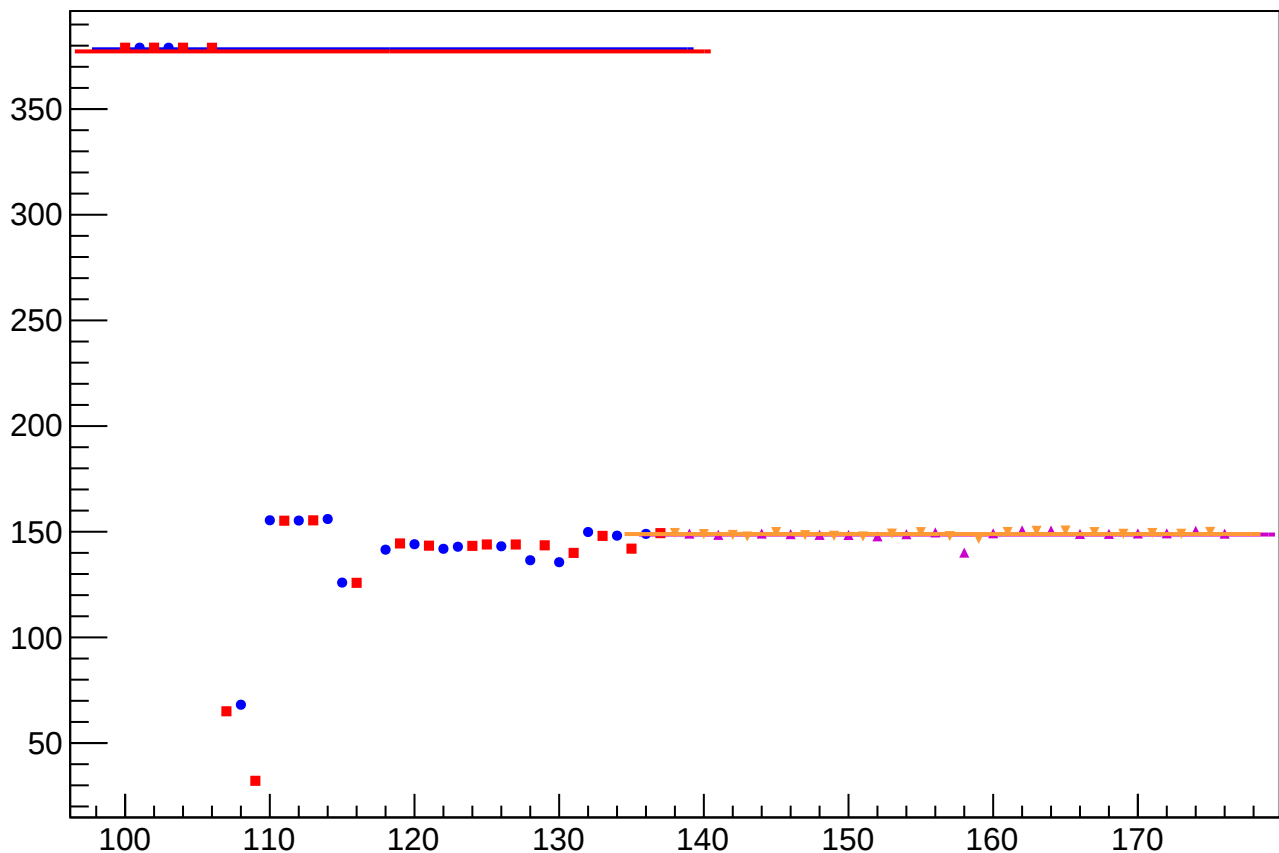
Left In: 0.549 $\pm$ 0.000 χ^2 /NDF:973867.2/18

+ sign 0.559 $\pm$ 0.000 χ^2 /NDF: 4826058.0/36

All: 0.556 $\pm$ 0.000 χ^2 /NDF: 10491129.7/74

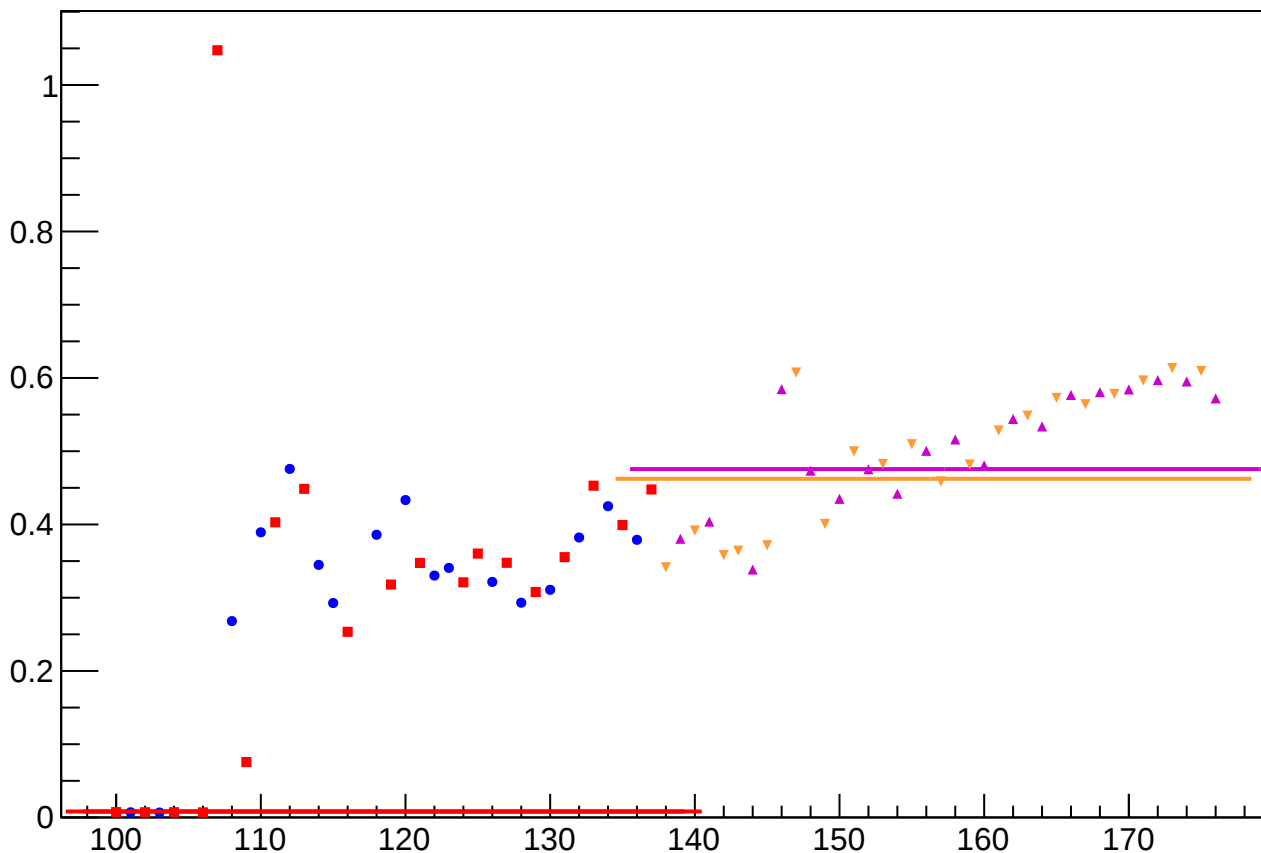
- sign 0.552 $\pm$ 0.000 χ^2 /NDF: 5662428.9/37

yield_cav4dQ_mean vs Slug



Right In: 378.283+/-0.000	χ^2/NDF : 2508313421453.8/16	+ sign 377.155+/-0.000	χ^2/NDF : 5952915344664.1
Left Out: 148.905+/-0.000	χ^2/NDF : 62999373.4/19	All: 376.733+/-0.000	χ^2/NDF : 174556072460
Right Out: 377.287+/-0.000	χ^2/NDF : 8286303106836.4/18	- sign 376.362+/-0.000	χ^2/NDF : 11498209268154.1
Left In: 148.675+/-0.000	χ^2/NDF : 243469543.1/18		

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 9806719.4/16

Left Out: 0.462+/-0.000 χ^2/NDF : 1108455.6/19

Right Out: 0.008+/-0.000 χ^2/NDF : 9522827.2/18

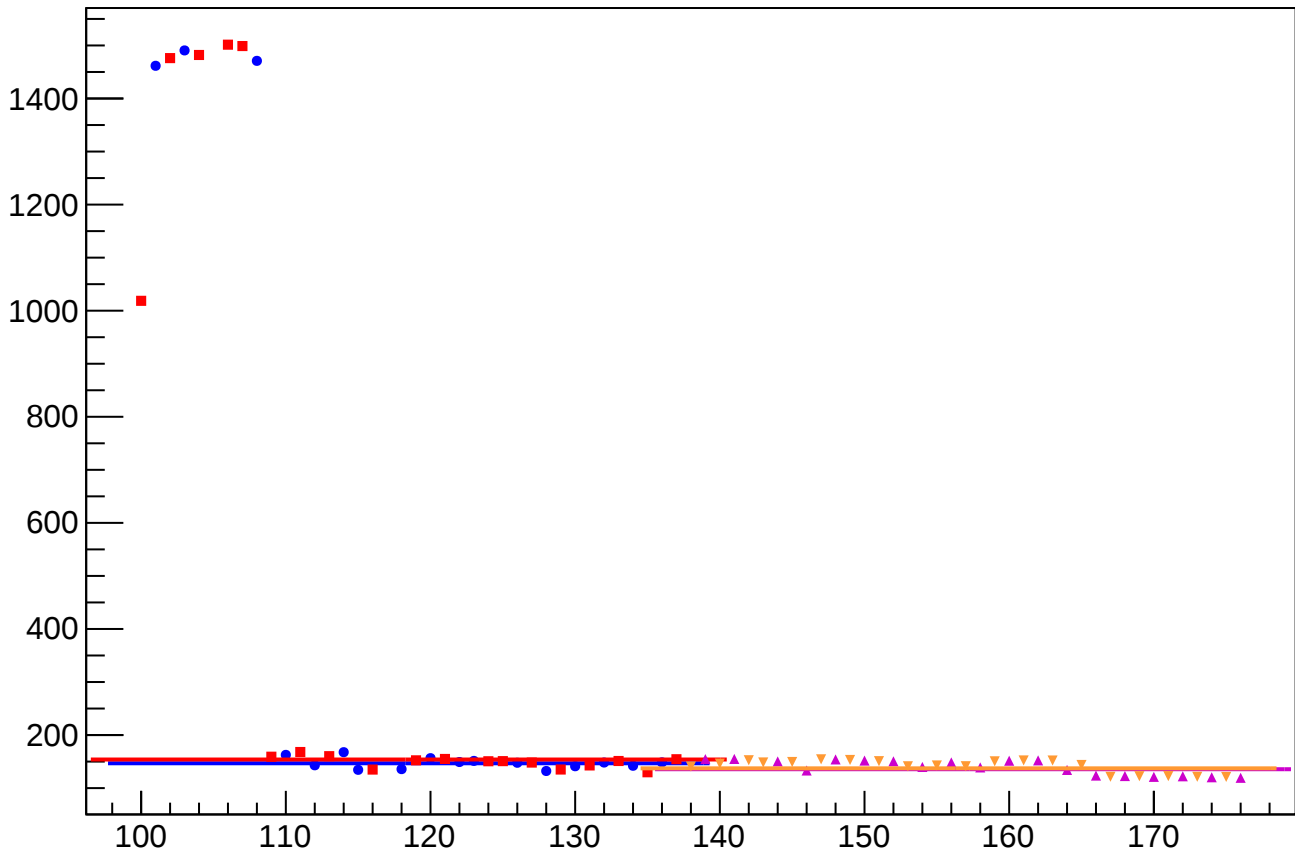
Left In: 0.476+/-0.000 χ^2/NDF : 850114.0/18

+ sign 0.010+/-0.000 χ^2/NDF : 37929659.7/36

All: 0.010+/-0.000 χ^2/NDF : 75160338.2/74

- sign 0.010+/-0.000 χ^2/NDF : 37229254.7/37

yield_bcm0l02_mean vs Slug



Right In: 146.819+/-0.000 χ^2/NDF : 24360774977.7/16

Left Out: 137.258+/-0.000 χ^2/NDF : 3277054053.3/19

Right Out: 153.901+/-0.000 χ^2/NDF : 33737565970.8/18

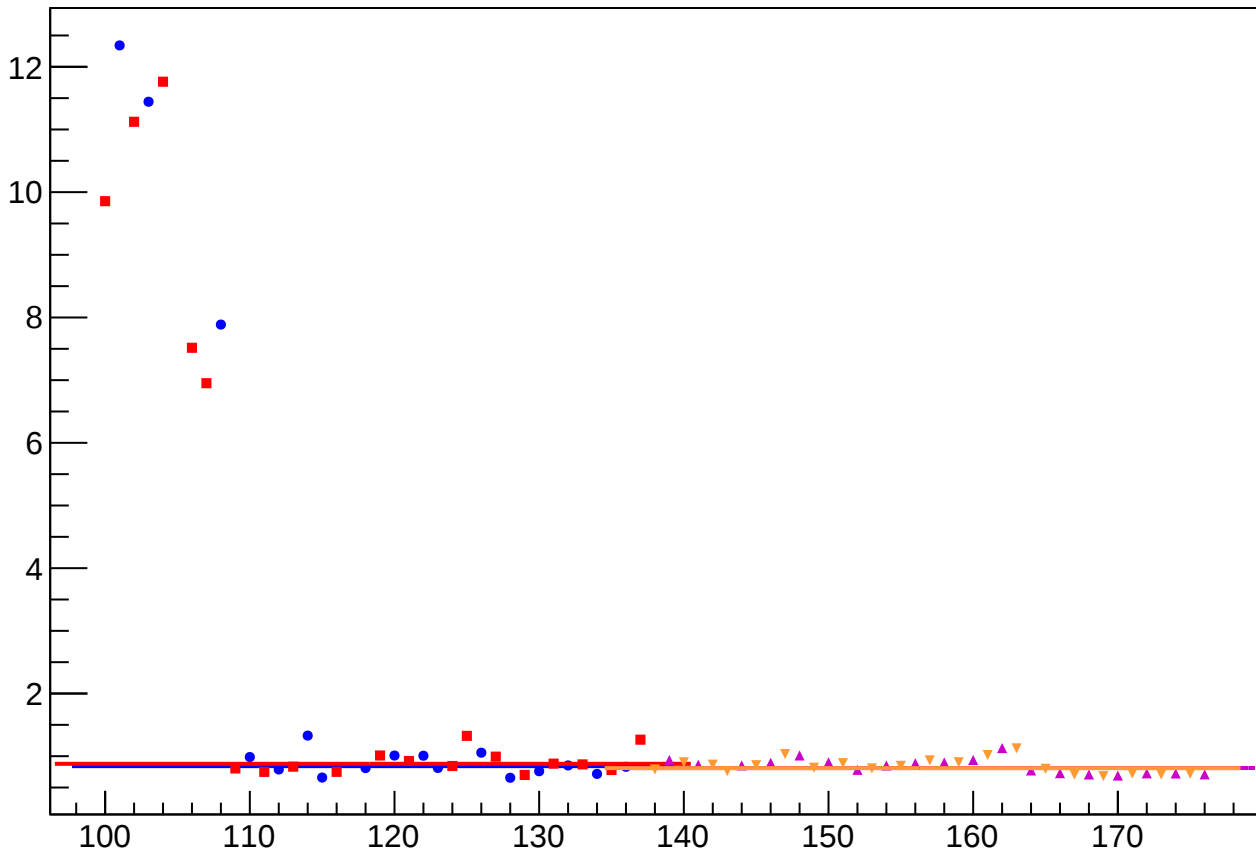
Left In: 135.603+/-0.000 χ^2/NDF : 3623524591.7/18

+ sign 139.349+/-0.000 χ^2/NDF : 28018045636.2/36

All: 139.475+/-0.000 χ^2/NDF : 66763334263.0

- sign 139.603+/-0.000 χ^2/NDF : 38744507046.9/37

yield_bcm0l02_rms vs Slug



Right In: 0.841 ± 0.000 χ^2/NDF : 2662395.1/16

Left Out: 0.809 ± 0.000 χ^2/NDF : 461478.7/19

Right Out: 0.878 ± 0.000 χ^2/NDF : 2814626.6/18

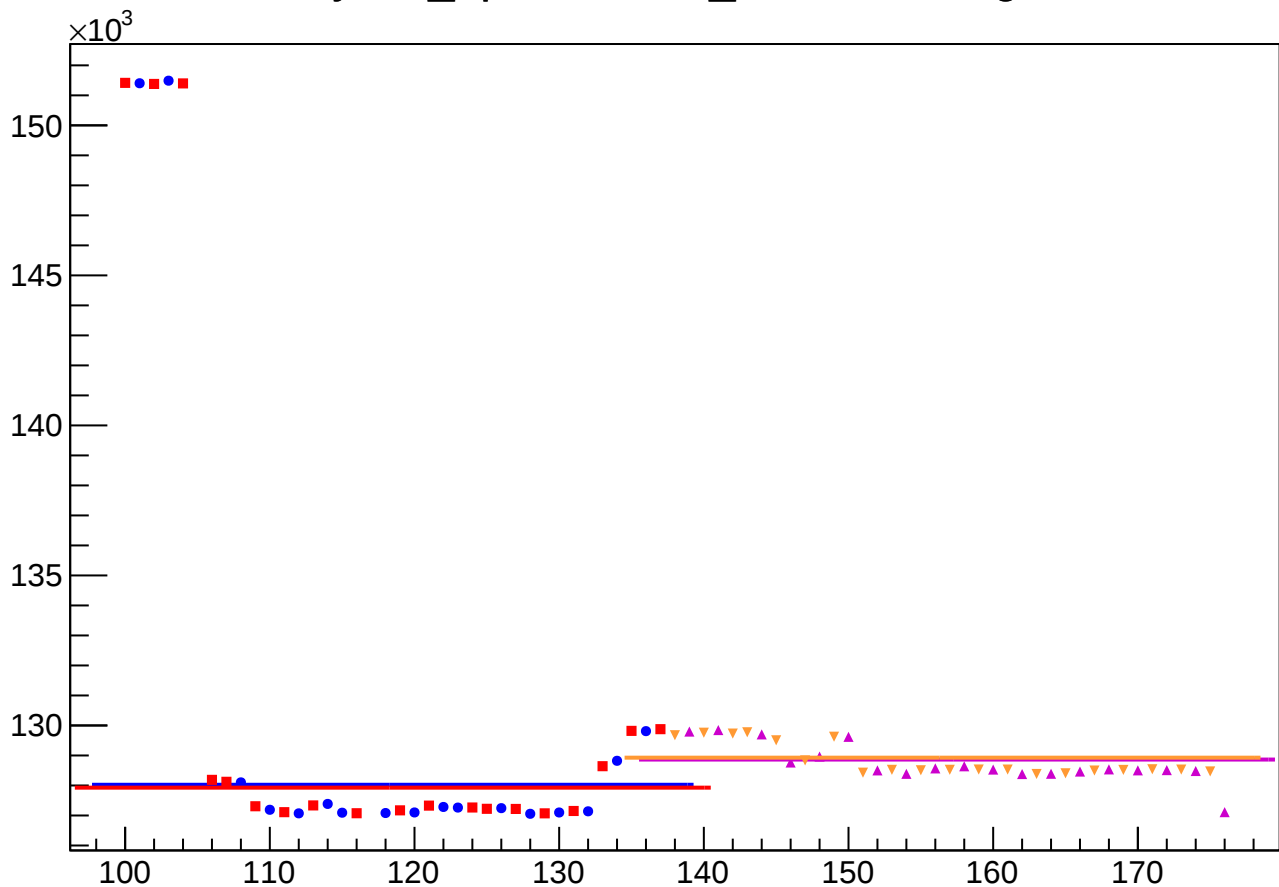
Left In: 0.811 ± 0.000 χ^2/NDF : 433380.5/18

+ sign 0.816 ± 0.000 χ^2/NDF : 3132360.9/36

All: 0.821 ± 0.000 χ^2/NDF : 6420062.6/74

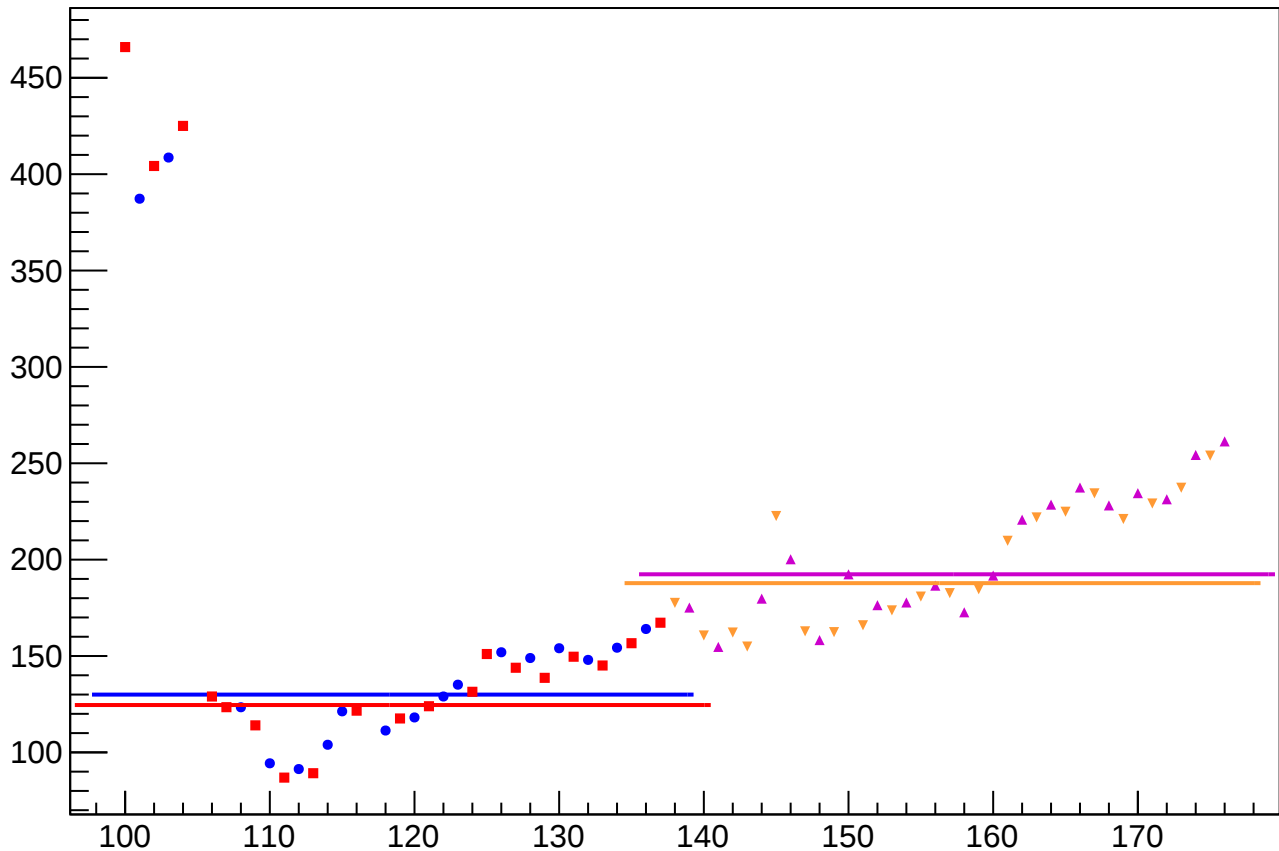
- sign 0.826 ± 0.000 χ^2/NDF : 3285557.6/37

yield_bpm2i01WS_mean vs Slug



Right In: 128023.527 $\pm$ 0.055 χ^2 /NDF: 4316540586.9/16
 Left Out: 128926.862 $\pm$ 0.049 χ^2 /NDF: 129553984.7/19
 Right Out: 127927.471 $\pm$ 0.050 χ^2 /NDF: 3767047216.9/18
 Left In: 128864.002 $\pm$ 0.051 χ^2 /NDF: 149179226.7/18
 + sign 128521.699 $\pm$ 0.037 χ^2 /NDF: 4597389381.7
 All: 128455.082 $\pm$ 0.026 χ^2 /NDF: 869125572
 - sign 128391.102 $\pm$ 0.036 χ^2 /NDF: 4087345028.0

yield_bpm2i01WS_rms vs Slug



Right In: 129.980 $\pm$ 0.039 χ^2 /NDF: 1485519.5/16

Left Out: 187.809 $\pm$ 0.035 χ^2 /NDF: 695147.5/19

+ sign 161.872 $\pm$ 0.026 χ^2 /NDF: 3420764.6/36

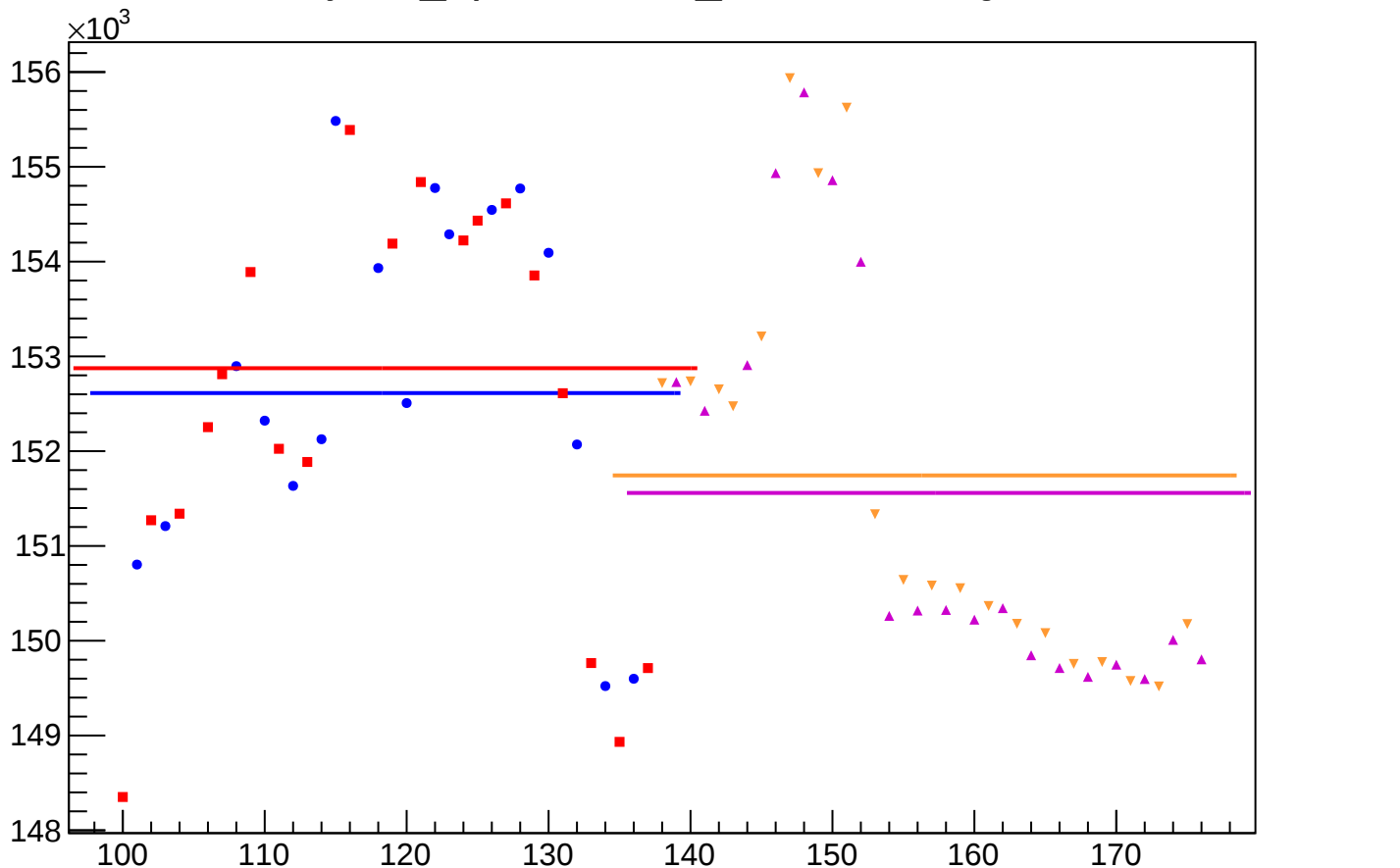
Right Out: 124.566 $\pm$ 0.036 χ^2 /NDF: 1531273.9/18

All: 159.972 $\pm$ 0.018 χ^2 /NDF: 7427871.5/74

- sign 158.148 $\pm$ 0.025 χ^2 /NDF: 3996503.6/37

Left In: 192.401 $\pm$ 0.036 χ^2 /NDF: 669724.3/18

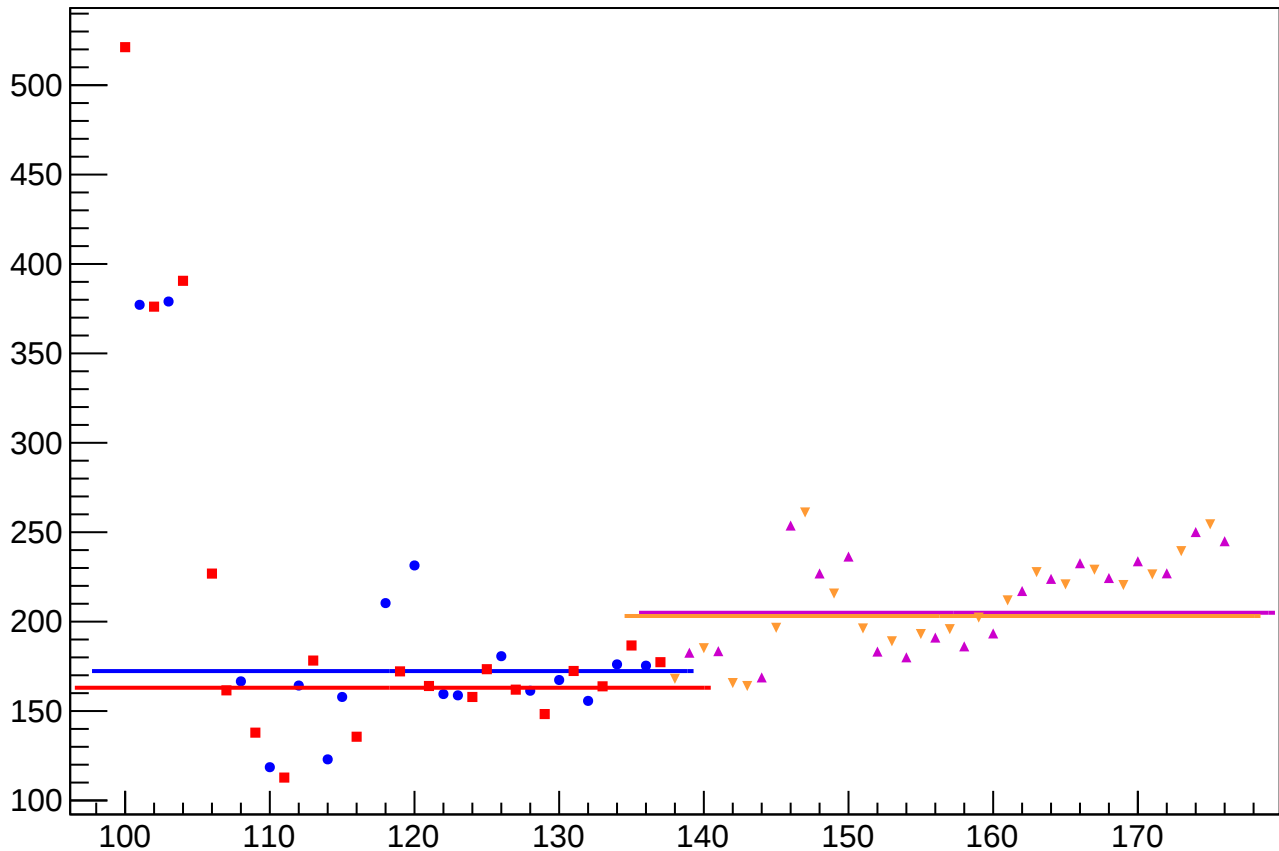
yield_bpm0i07WS_mean vs Slug



Right In: 152613.122 $\pm$ 0.072 χ^2 /NDF: 623356098.4/16
 Left Out: 151744.140 $\pm$ 0.053 χ^2 /NDF: 1274037373.8/19
 Right Out: 152875.313 $\pm$ 0.066 χ^2 /NDF: 716358700.9/18
 Left In: 151559.309 $\pm$ 0.054 χ^2 /NDF: 1294995985.8/18

+ sign 152049.057 $\pm$ 0.043 χ^2 /NDF: 1991250855.8
 All: 152068.179 $\pm$ 0.030 χ^2 /NDF: 423989434
 - sign 152086.497 $\pm$ 0.042 χ^2 /NDF: 2248252786.9

yield_bpm0i07WS_rms vs Slug



Right In: 172.351 ± 0.051 χ^2/NDF : 921911.1/16

Left Out: 203.152 ± 0.038 χ^2/NDF : 469471.4/19

Right Out: 163.029 ± 0.047 χ^2/NDF : 1032736.0/18

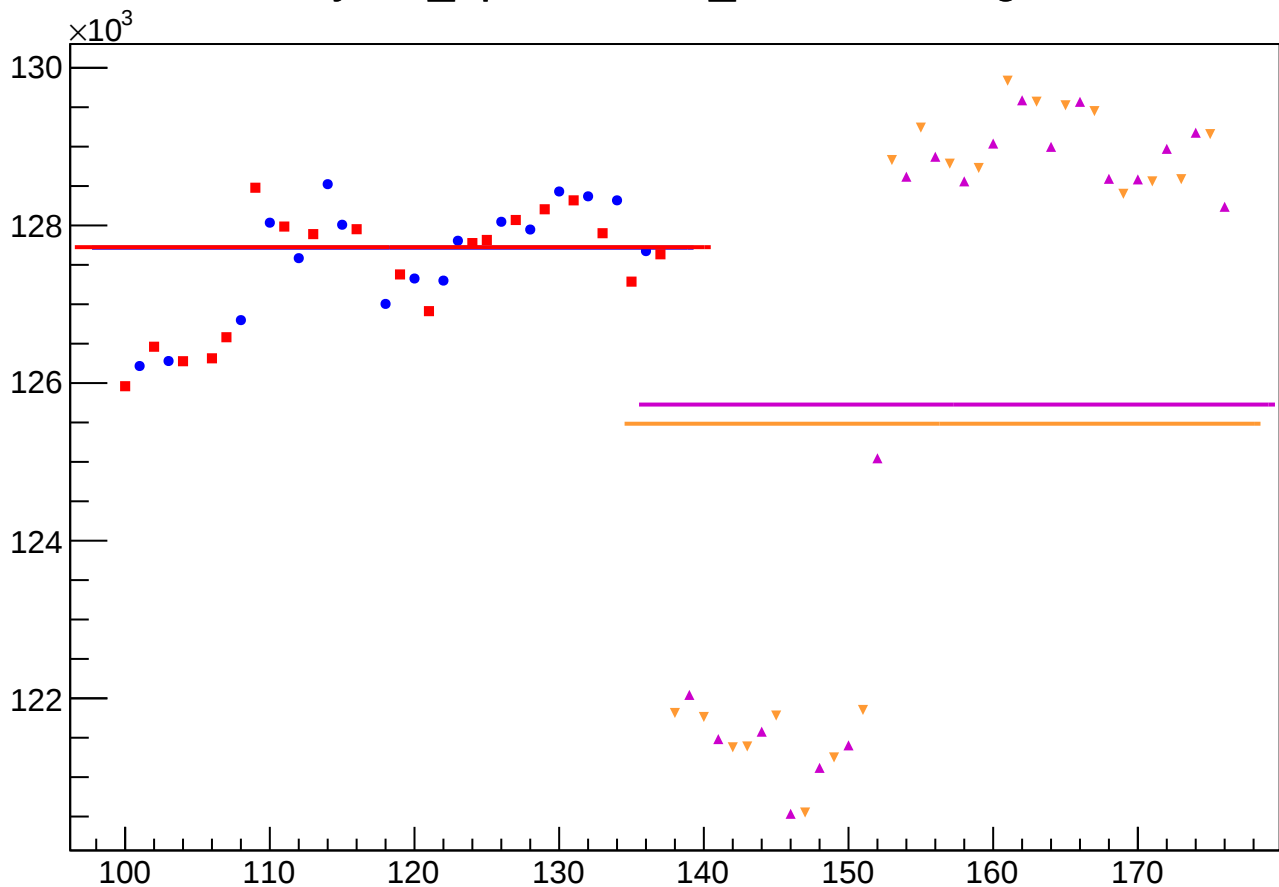
Left In: 204.962 ± 0.038 χ^2/NDF : 479004.3/18

+ sign 192.345 ± 0.030 χ^2/NDF : 1627221.8/36

All: 190.209 ± 0.021 χ^2/NDF : 3629747.0/74

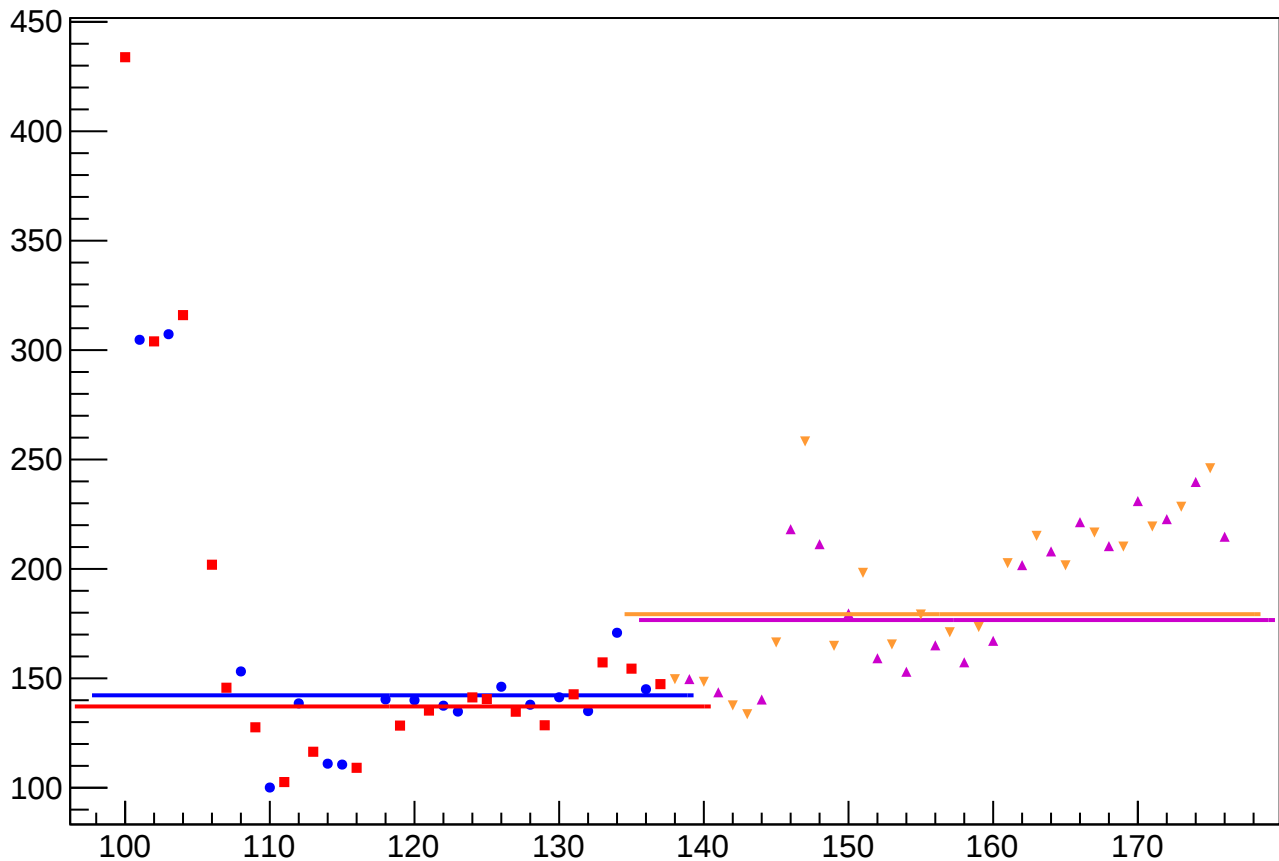
- sign 188.164 ± 0.030 χ^2/NDF : 1992783.5/37

yield_bpm0l01WS_mean vs Slug



Right In: 127717.888 $\pm$ 0.058 χ^2 /NDF: 95177660.2/16
 Left Out: 125484.212 $\pm$ 0.047 χ^2 /NDF: 6265227153.1/19
 Right Out: 127724.519 $\pm$ 0.055 χ^2 /NDF: 112550604.4/18
 Left In: 125727.361 $\pm$ 0.047 χ^2 /NDF: 5614872439.8/18
 All: 126481.739 $\pm$ 0.026 χ^2 /NDF: 137546424
 + sign 126375.506 $\pm$ 0.037 χ^2 /NDF: 7243056951.2
 - sign 126581.357 $\pm$ 0.036 χ^2 /NDF: 6495452810.8/

yield_bpm0l01WS_rms vs Slug



Right In: 142.240 ± 0.041 $\chi^2/\text{NDF}: 836415.1/16$

Left Out: 179.319 ± 0.034 $\chi^2/\text{NDF}: 942661.3/19$

Right Out: 137.151 ± 0.039 $\chi^2/\text{NDF}: 957730.8/18$

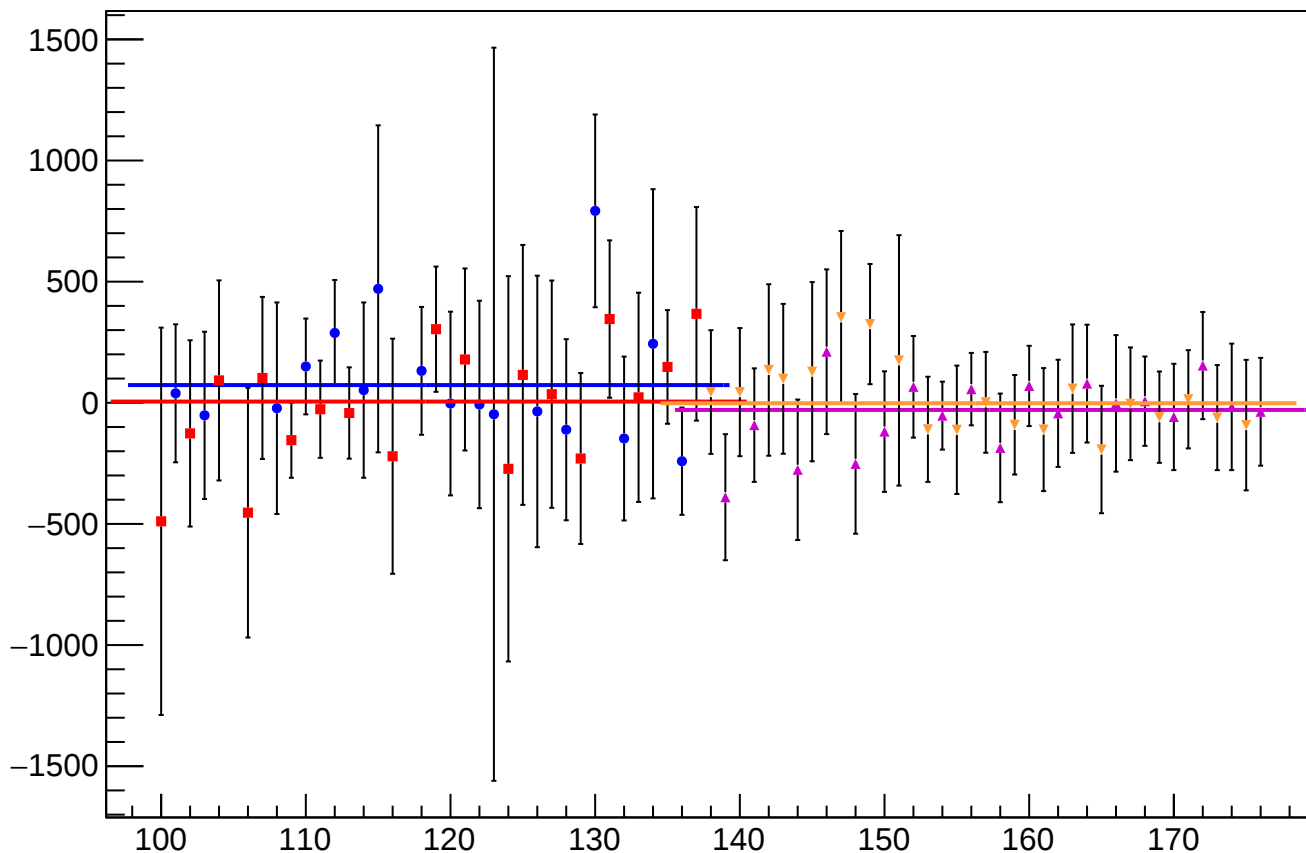
Left In: 176.638 ± 0.033 $\chi^2/\text{NDF}: 883076.8/18$

+ sign 164.524 ± 0.026 $\chi^2/\text{NDF}: 2265530.1/36$

All: 162.062 ± 0.018 $\chi^2/\text{NDF}: 4724139.1/74$

- sign 159.753 ± 0.025 $\chi^2/\text{NDF}: 2441280.5/37$

asym_bcm_an_ds_mean vs Slug



Right In: 73.109+/-79.604 χ^2/NDF : 7.9/16

Left Out: -1.827+/-56.282 χ^2/NDF : 4.9/19

Right Out: 5.021+/-70.098 χ^2/NDF : 7.1/18

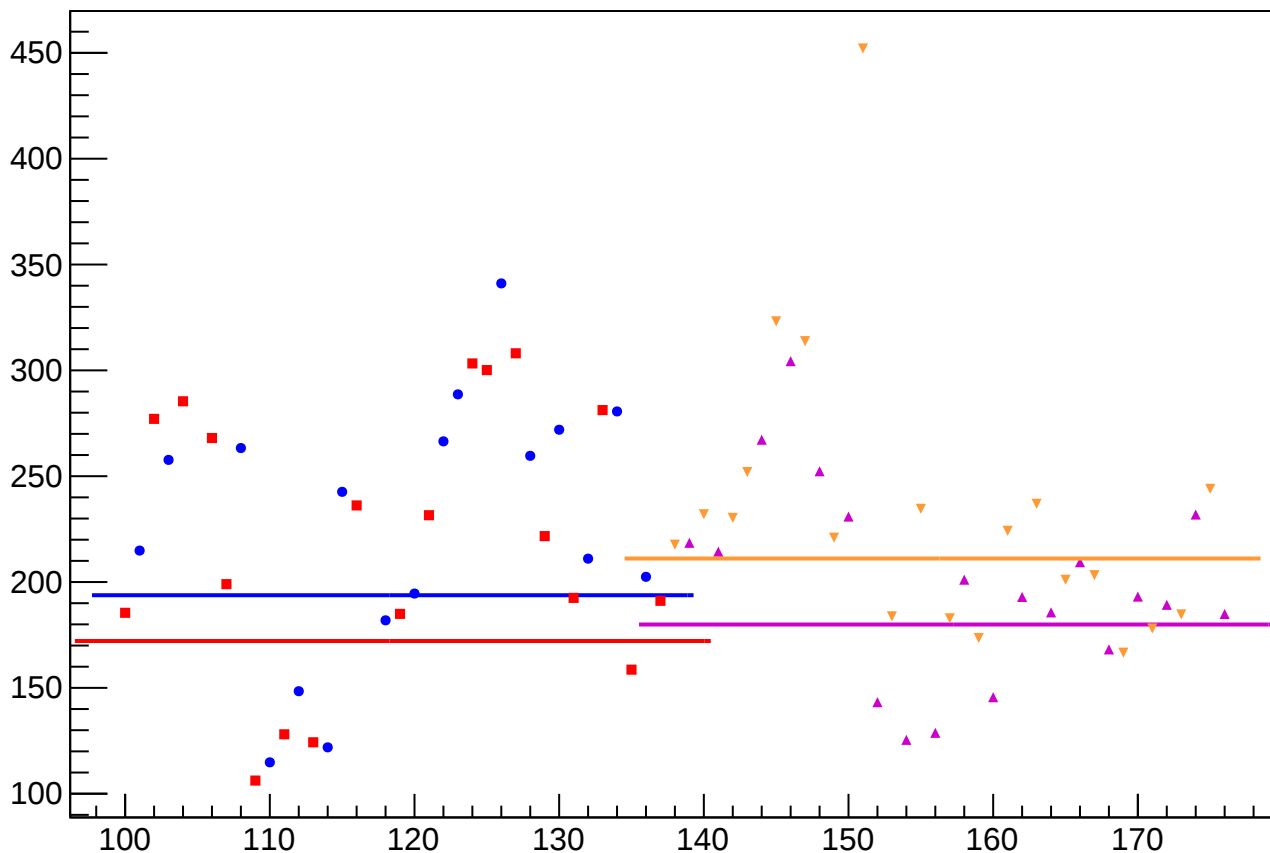
Left In: -29.519+/-49.278 χ^2/NDF : 6.3/18

+ sign 23.148+/-45.956 χ^2/NDF : 13.4/36

All: -0.160+/-30.306 χ^2/NDF : 27.4/74

- sign -18.096+/-40.313 χ^2/NDF : 13.6/37

asym_bcm_an_ds_rms vs Slug



Right In: 193.773 $\pm$ 0.056 χ^2 /NDF: 1017081.7/16

Left Out: 211.109 $\pm$ 0.040 χ^2 /NDF:1246693.7/19

Right Out: 172.142 $\pm$ 0.050 χ^2 /NDF: 1580035.1/18

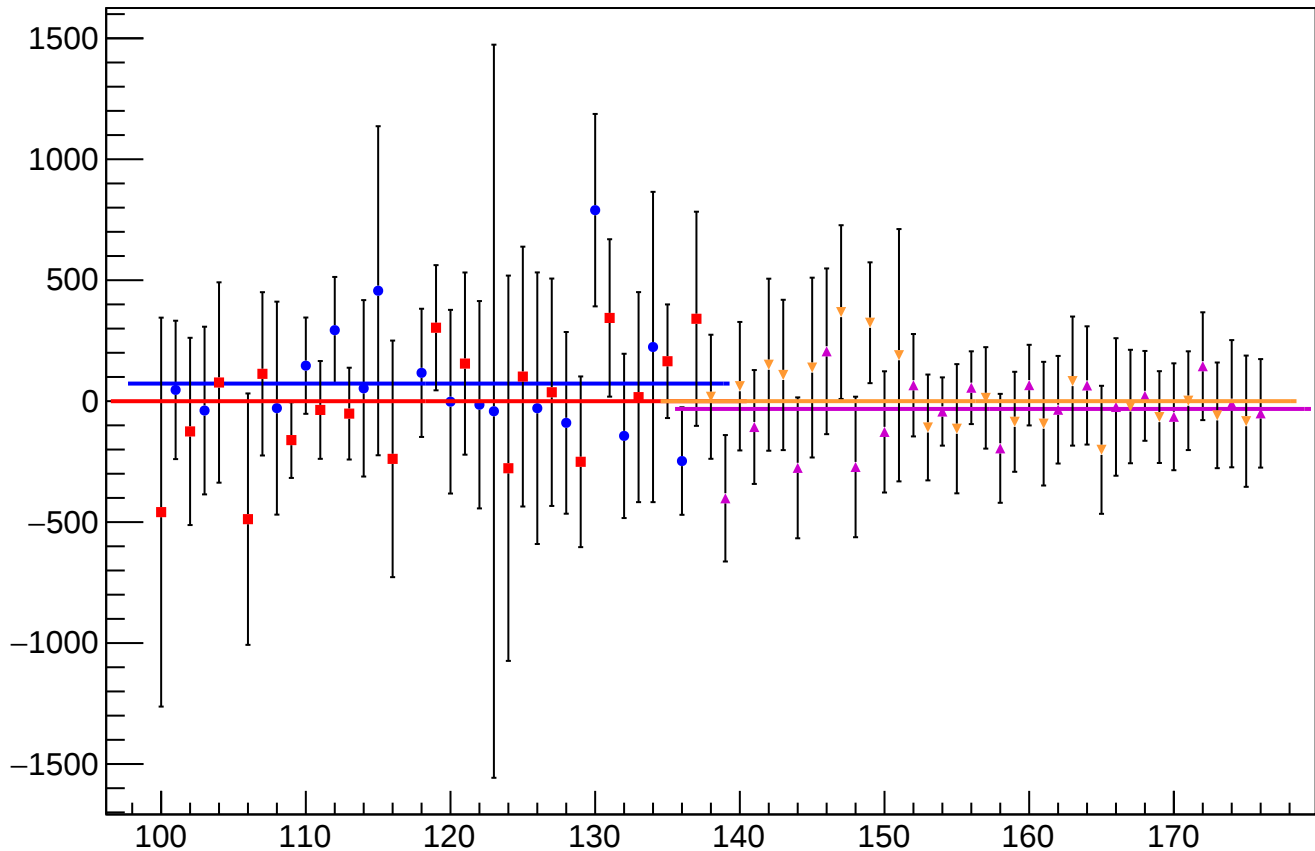
Left In: 179.934 $\pm$ 0.035 χ^2 /NDF:1576592.6/18

+ sign 205.331 $\pm$ 0.032 χ^2 /NDF: 2327019.1/36

All: 189.522 $\pm$ 0.021 χ^2 /NDF: 5918983.5/74

- sign 177.357 $\pm$ 0.029 χ^2 /NDF: 3173167.0/37

asym_bcm_an_ds3_mean vs Slug



Right In: 72.675 $\pm$ 79.992 χ^2 /NDF: 7.8/16

Left Out: -0.016 $\pm$ 56.655 χ^2 /NDF: 5.1/19

Right Out: -0.181 $\pm$ 70.467 χ^2 /NDF: 7.3/18

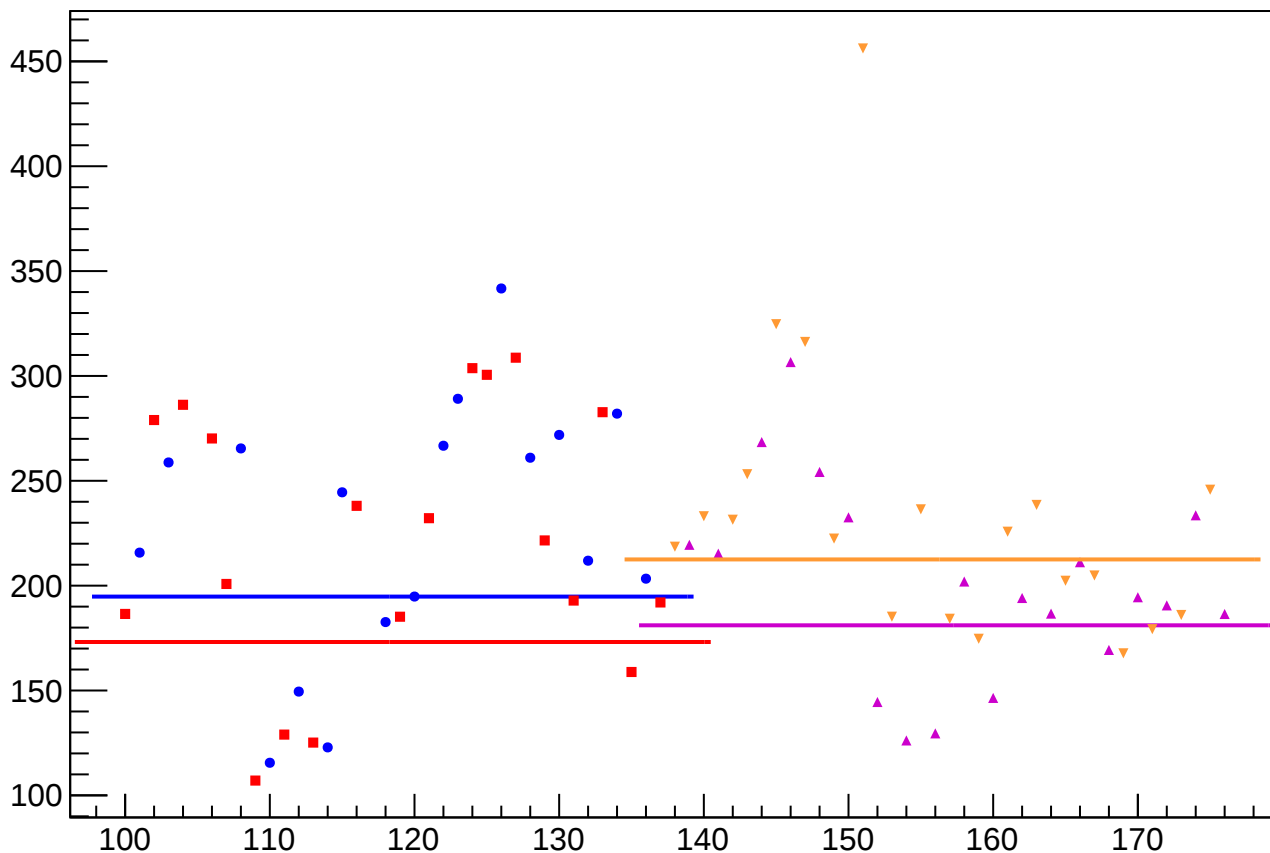
Left In: -32.166 $\pm$ 49.595 χ^2 /NDF: 6.4/18

+ sign 24.267 $\pm$ 46.233 χ^2 /NDF: 13.4/36

All: -1.637 $\pm$ 30.489 χ^2 /NDF: 27.8/74

- sign -21.571 $\pm$ 40.557 χ^2 /NDF: 13.9/37

asym_bcm_an_ds3_rms vs Slug



Right In: 194.782 $\pm$ 0.057 χ^2 /NDF: 1008292.8/16

Left Out: 212.502 $\pm$ 0.040 χ^2 /NDF:1245597.8/19

Right Out: 173.131 $\pm$ 0.050 χ^2 /NDF: 1567556.0/18

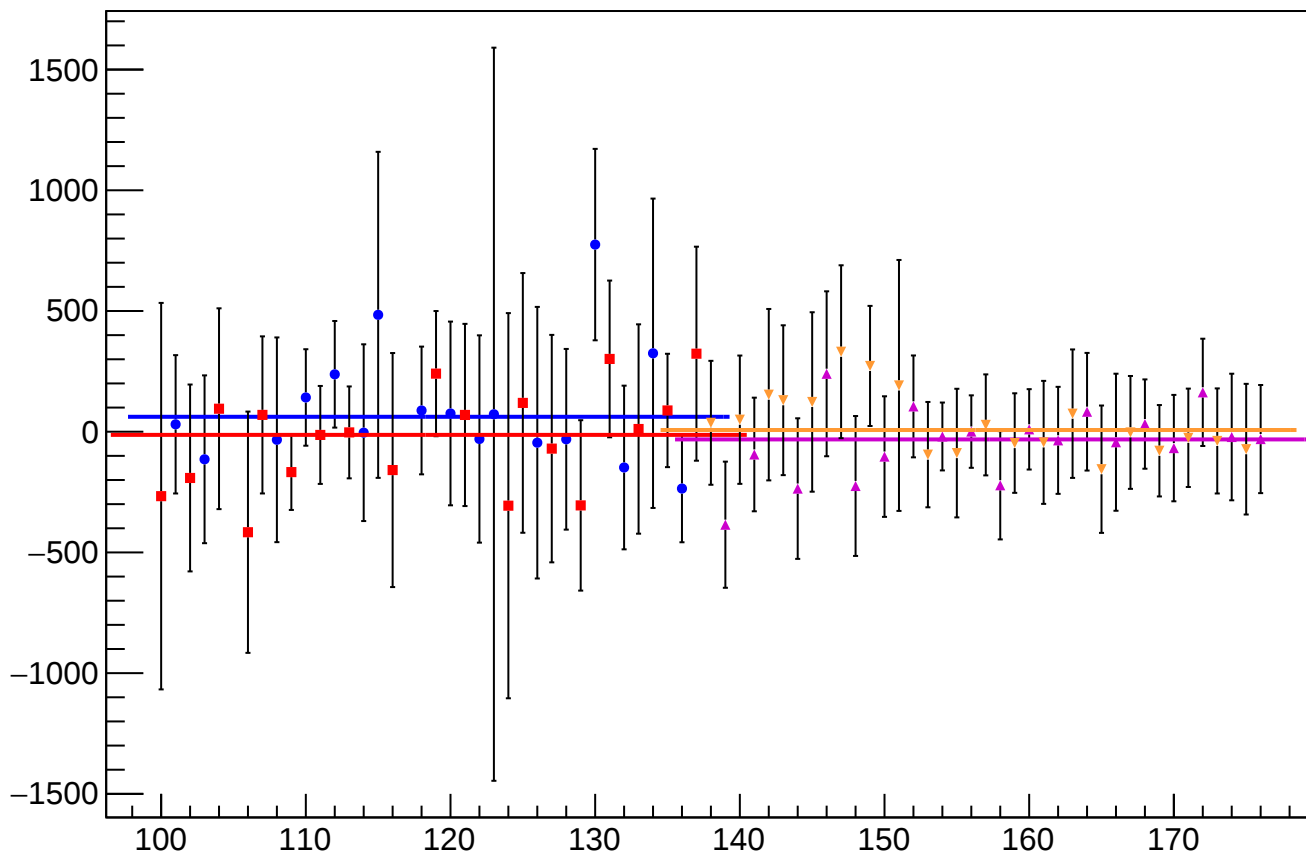
Left In: 181.087 $\pm$ 0.035 χ^2 /NDF:1576023.0/18

+ sign 206.583 $\pm$ 0.033 χ^2 /NDF: 2319250.5/36

All: 190.685 $\pm$ 0.022 χ^2 /NDF: 5898323.5/74

- sign 178.452 $\pm$ 0.029 χ^2 /NDF: 3160627.4/37

asym_bcm_an_us_mean vs Slug



Right In: 61.814 ± 79.986 χ^2/NDF : 7.3/16

Left Out: 7.067 ± 56.521 χ^2/NDF : 3.8/19

Right Out: -13.101 ± 70.391 χ^2/NDF : 5.8/18

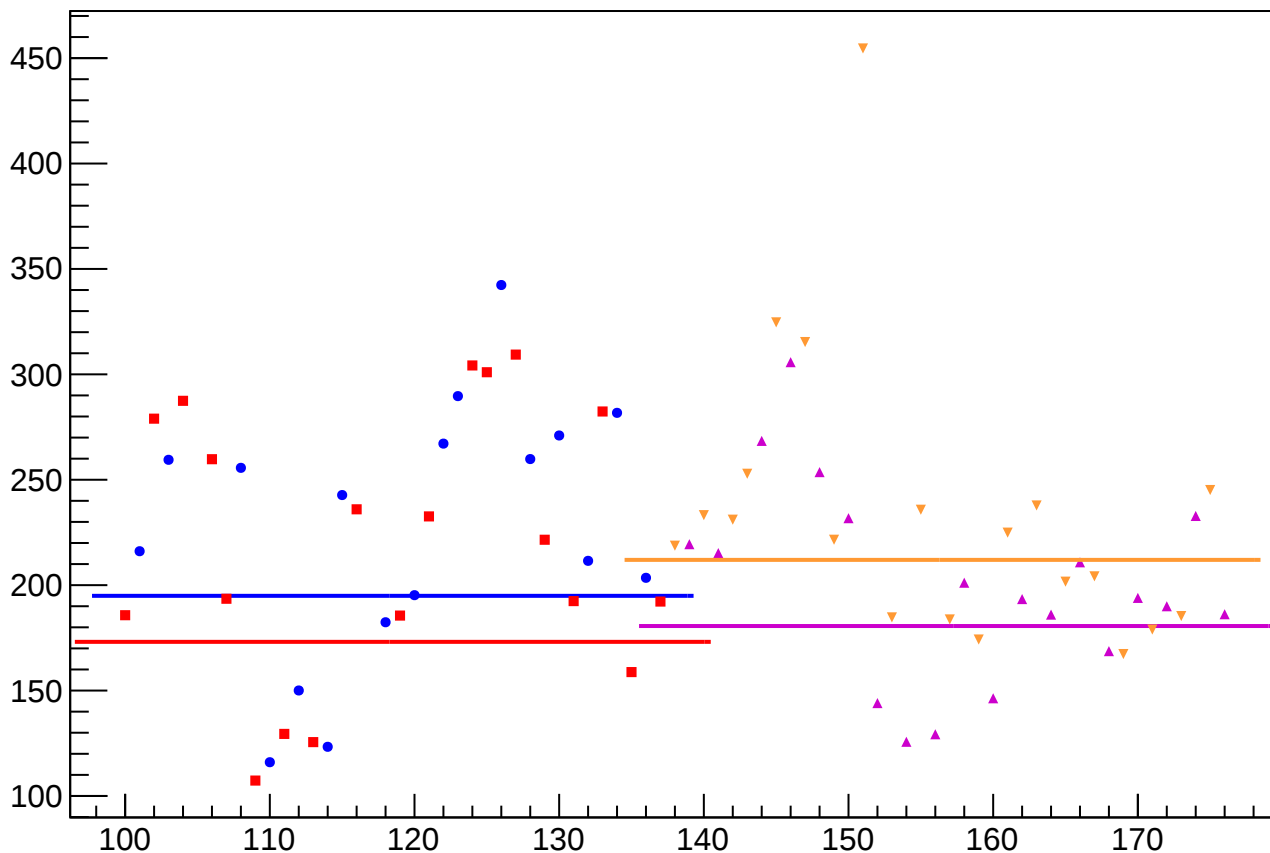
Left In: -31.905 ± 49.467 χ^2/NDF : 5.9/18

+ sign 25.300 ± 46.159 χ^2/NDF : 11.4/36

All: -3.527 ± 30.432 χ^2/NDF : 23.8/74

- sign -25.688 ± 40.473 χ^2/NDF : 11.7/37

asym_bcm_an_us_rms vs Slug



Right In: 194.939 $\pm$ 0.057 χ^2 /NDF: 986629.1/16

Left Out: 211.993 $\pm$ 0.040 χ^2 /NDF:1247719.1/19

Right Out: 173.109 $\pm$ 0.050 χ^2 /NDF: 1544723.9/18

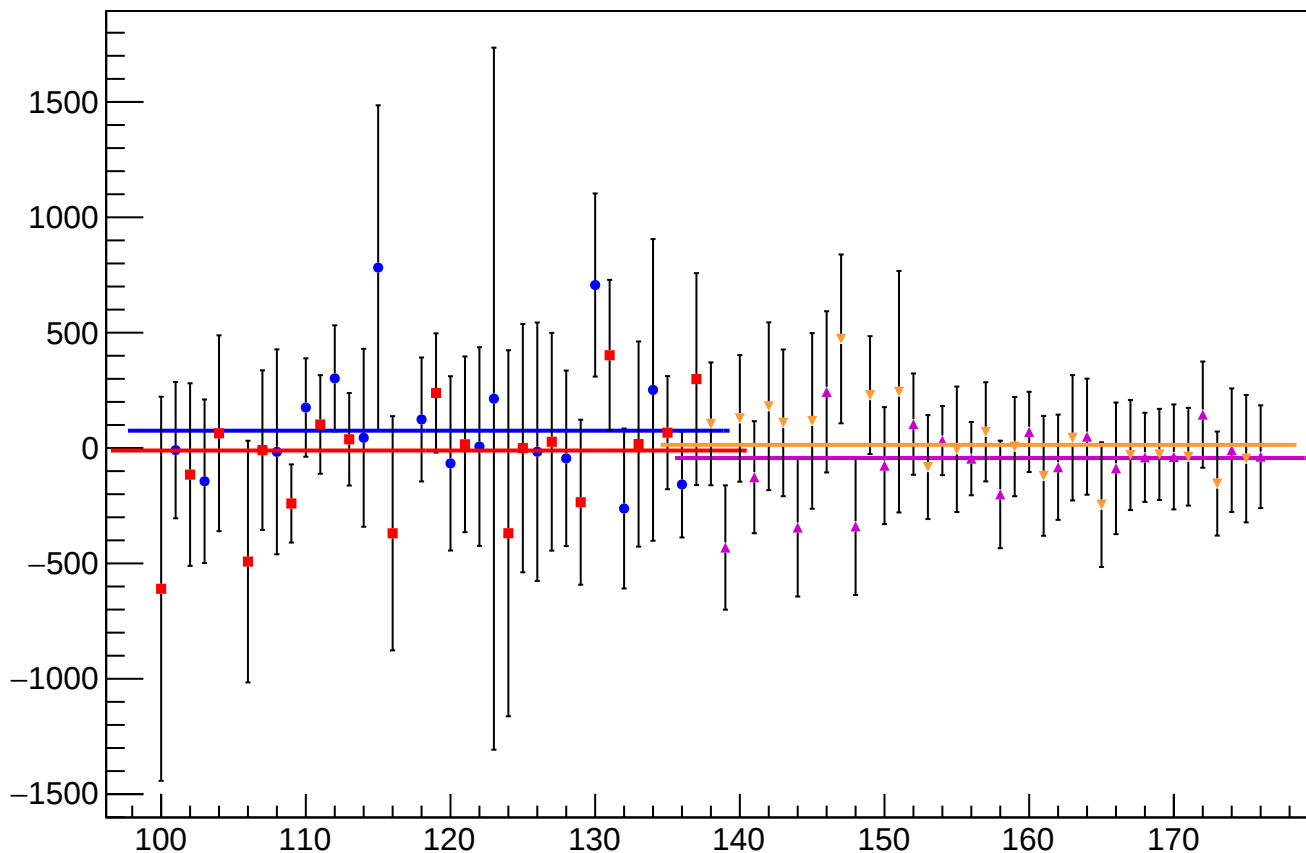
Left In: 180.614 $\pm$ 0.035 χ^2 /NDF:1579629.0/18

+ sign 206.313 $\pm$ 0.033 χ^2 /NDF: 2294985.5/36

All: 190.381 $\pm$ 0.022 χ^2 /NDF: 5855993.0/74

- sign 178.133 $\pm$ 0.029 χ^2 /NDF: 3139570.6/37

asym_bcm_dg_us_mean vs Slug



Right In: 75.207 $\pm$ 82.504 χ^2 /NDF: 7.6/16

Left Out: 13.917 $\pm$ 58.211 χ^2 /NDF: 5.3/19

Right Out: -10.674 $\pm$ 73.338 χ^2 /NDF: 7.8/18

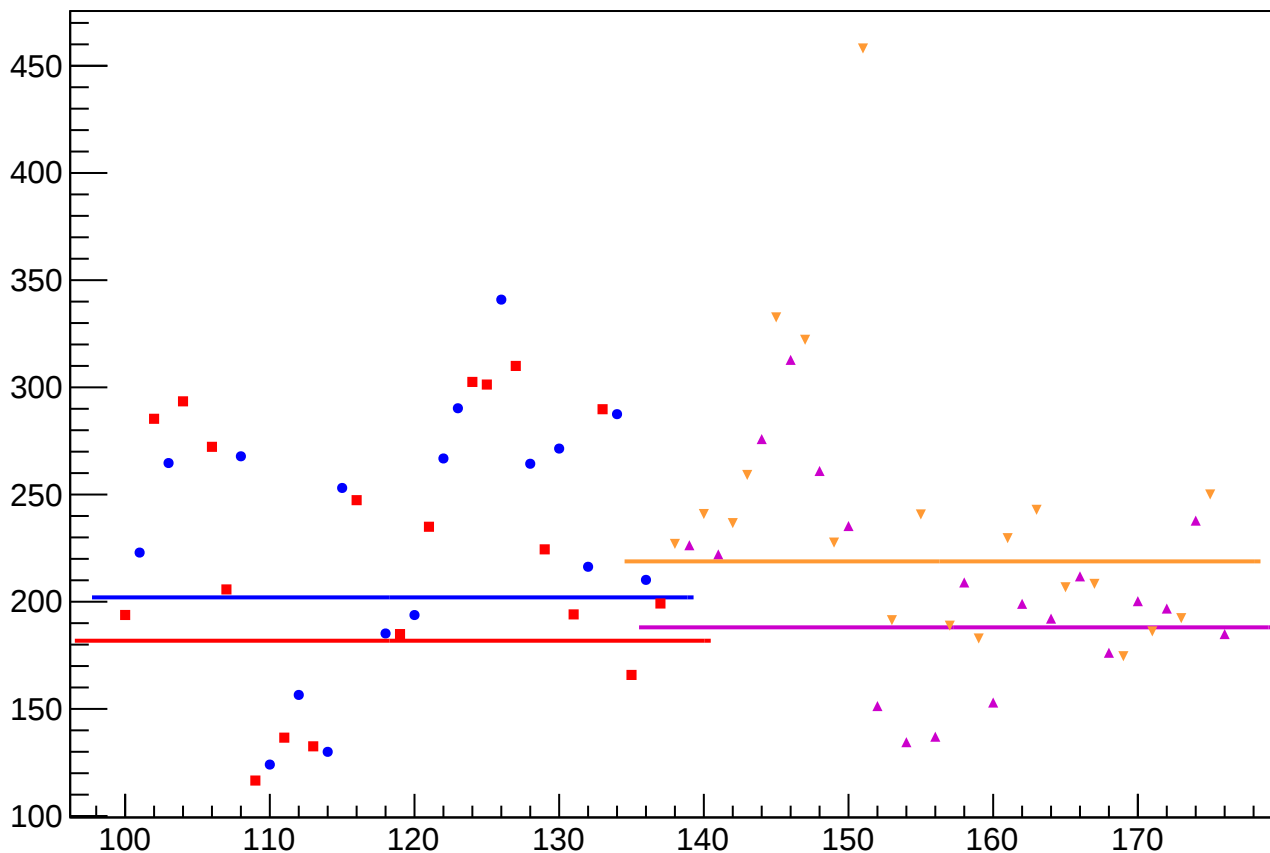
Left In: -43.237 $\pm$ 51.296 χ^2 /NDF: 7.3/18

+ sign 34.287 $\pm$ 47.564 χ^2 /NDF: 13.3/36

All: -3.235 $\pm$ 31.497 χ^2 /NDF: 29.8/74

- sign -32.540 $\pm$ 42.034 χ^2 /NDF: 15.3/37

asym_bcm_dg_us_rms vs Slug



Right In: 202.029 $\pm$ 0.058 χ^2 /NDF: 881608.7/16

Left Out: 218.818 $\pm$ 0.041 χ^2 /NDF: 1176341.3/19

Right Out: 181.811 $\pm$ 0.052 χ^2 /NDF: 1377537.2/18

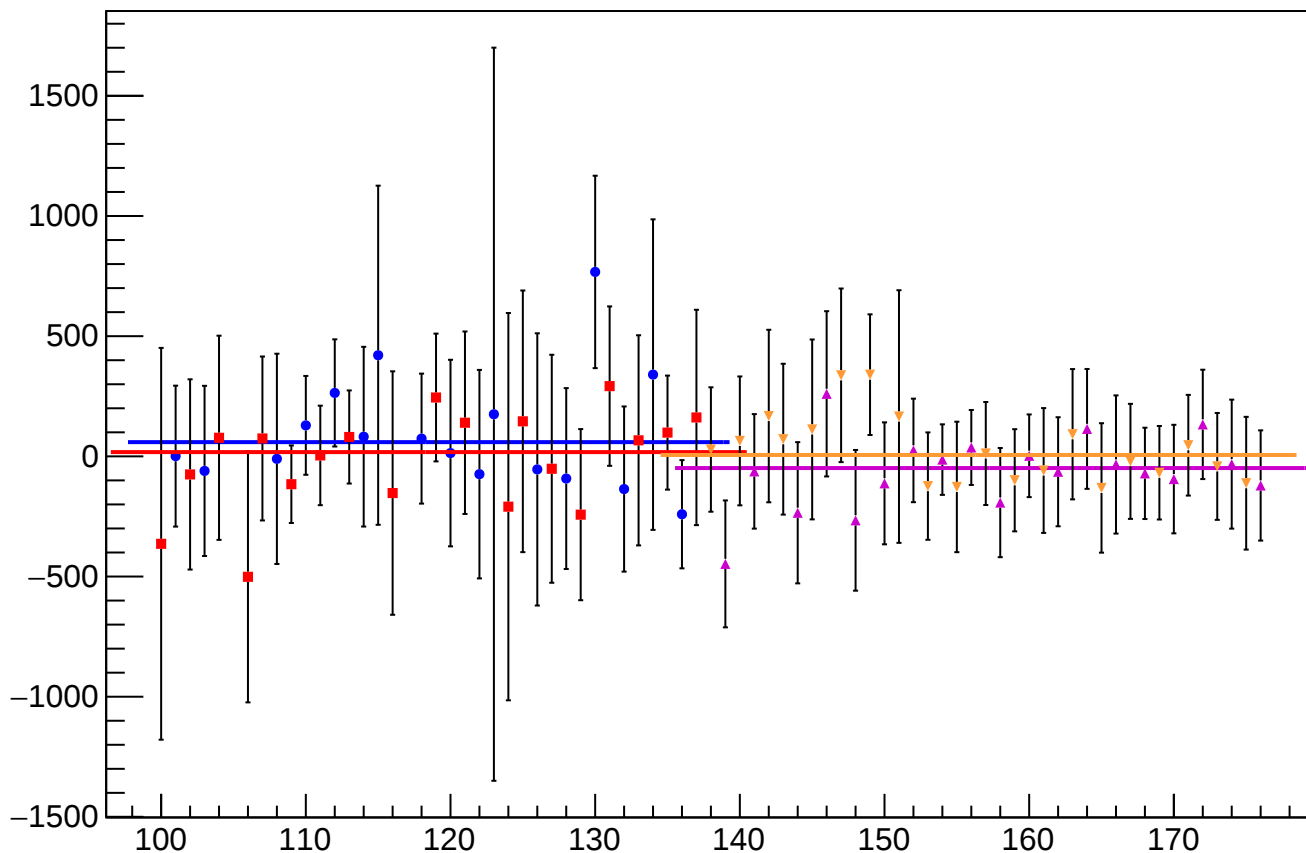
Left In: 188.049 $\pm$ 0.036 χ^2 /NDF: 1417869.0/18

+ sign 213.238 $\pm$ 0.034 χ^2 /NDF: 2113243.0/36

All: 197.944 $\pm$ 0.022 χ^2 /NDF: 5286639.8/74

- sign 186.000 $\pm$ 0.030 χ^2 /NDF: 2805121.5/37

asym_bcm_dg_ds_mean vs Slug



Right In: 59.175 $\pm$ 81.417 χ^2 /NDF: 7.1/16

Left Out: 5.741 $\pm$ 57.651 χ^2 /NDF: 4.8/19

Right Out: 17.727 $\pm$ 71.900 χ^2 /NDF: 4.7/18

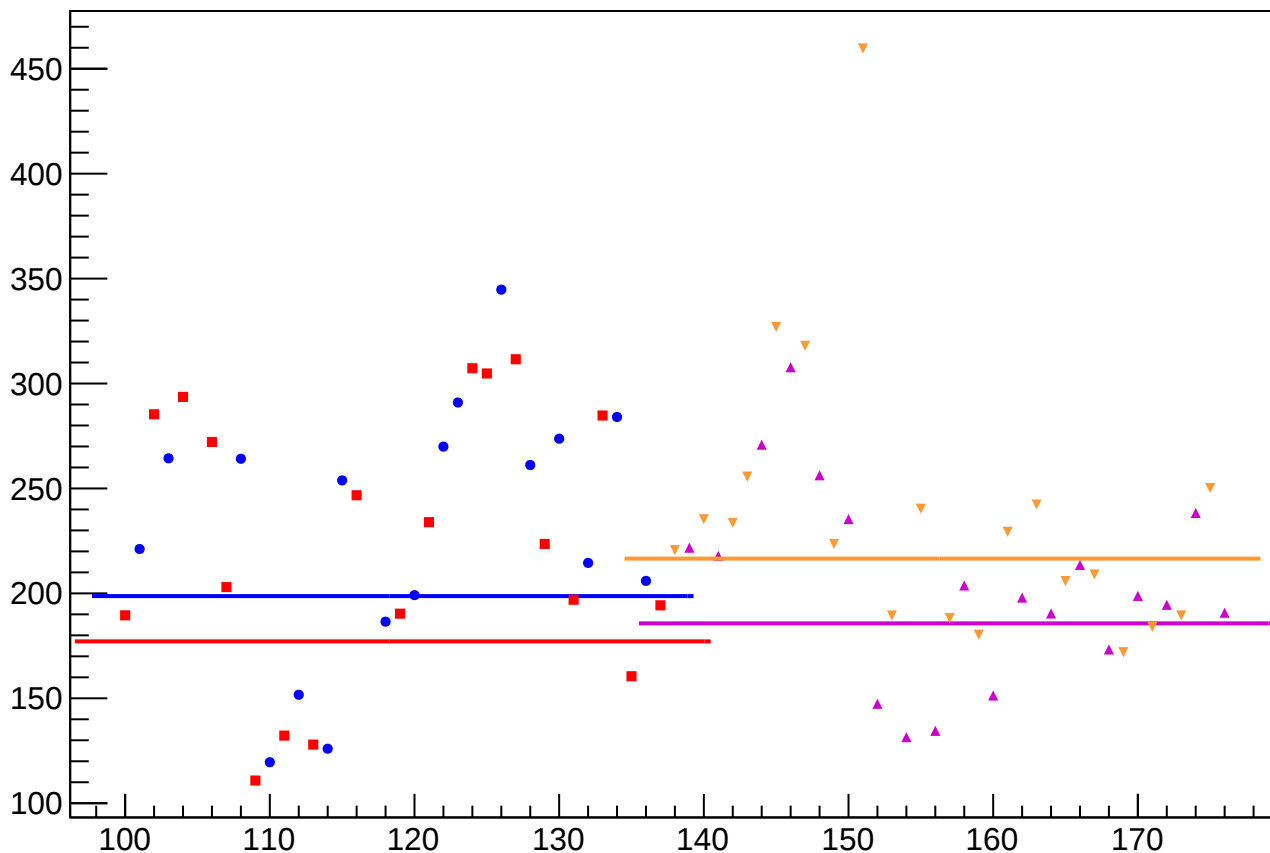
Left In: -48.672 $\pm$ 50.721 χ^2 /NDF: 6.3/18

+ sign 23.586 $\pm$ 47.050 χ^2 /NDF: 12.2/36

All: -4.677 $\pm$ 31.100 χ^2 /NDF: 24.4/74

- sign -26.609 $\pm$ 41.446 χ^2 /NDF: 11.5/37

asym_bcm_dg_ds_rms vs Slug



Right In: 198.704 $\pm$ 0.058 χ^2 /NDF: 963394.4/16

Left Out: 216.566 $\pm$ 0.041 χ^2 /NDF: 1185842.6/19

Right Out: 177.125 $\pm$ 0.051 χ^2 /NDF: 1524889.9/18

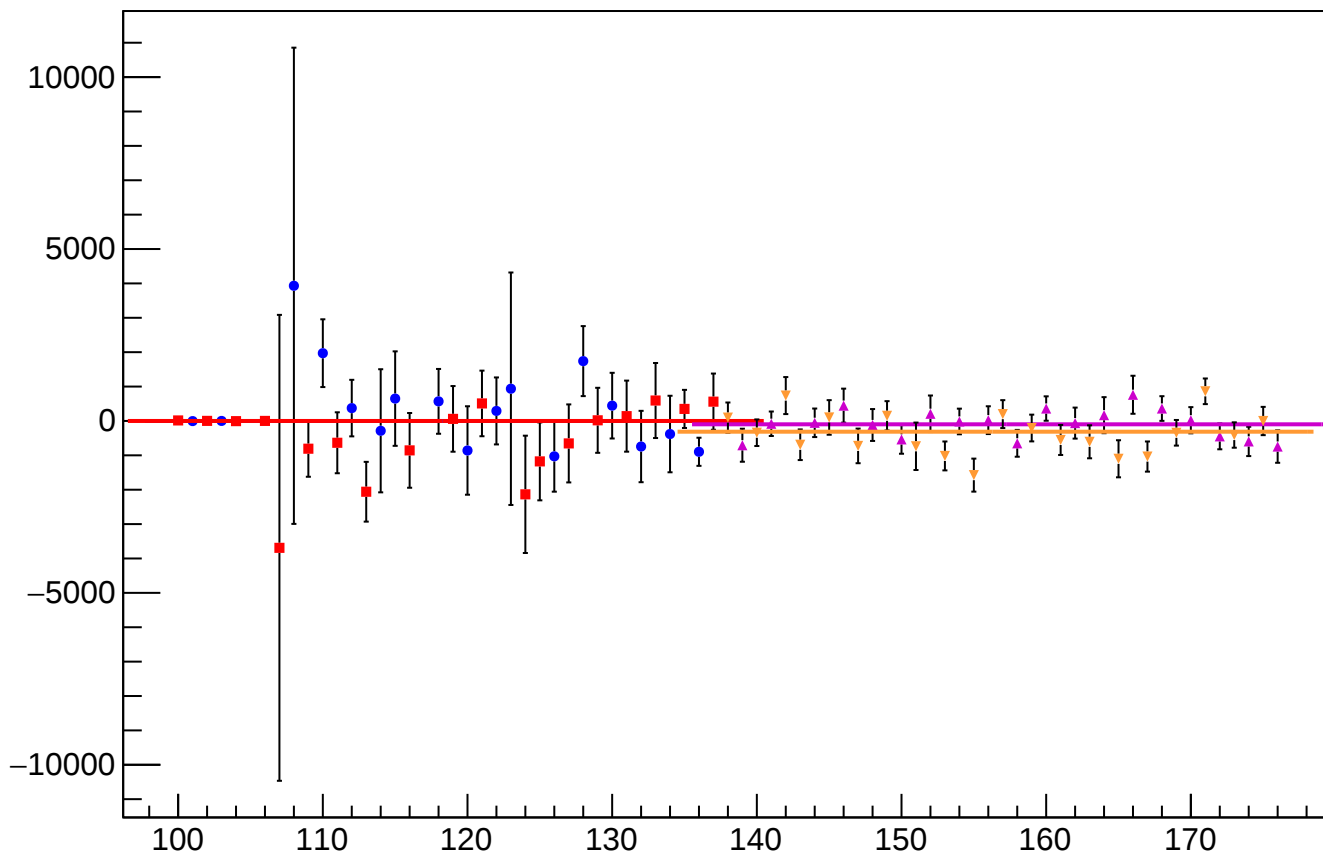
Left In: 185.706 $\pm$ 0.036 χ^2 /NDF: 1453258.8/18

+ sign 210.601 $\pm$ 0.033 χ^2 /NDF: 2213356.1/36

All: 194.978 $\pm$ 0.022 χ^2 /NDF: 5602168.6/74

- sign 182.854 $\pm$ 0.029 χ^2 /NDF: 2997169.0/37

asym_cav4bQ_mean vs Slug



Right In: -1.529 ± 2.251 χ^2/NDF : 16.6/16

Left Out: -312.795 ± 97.858 χ^2/NDF : 35.8/19

Right Out: -0.731 ± 2.111 χ^2/NDF : 18.4/18

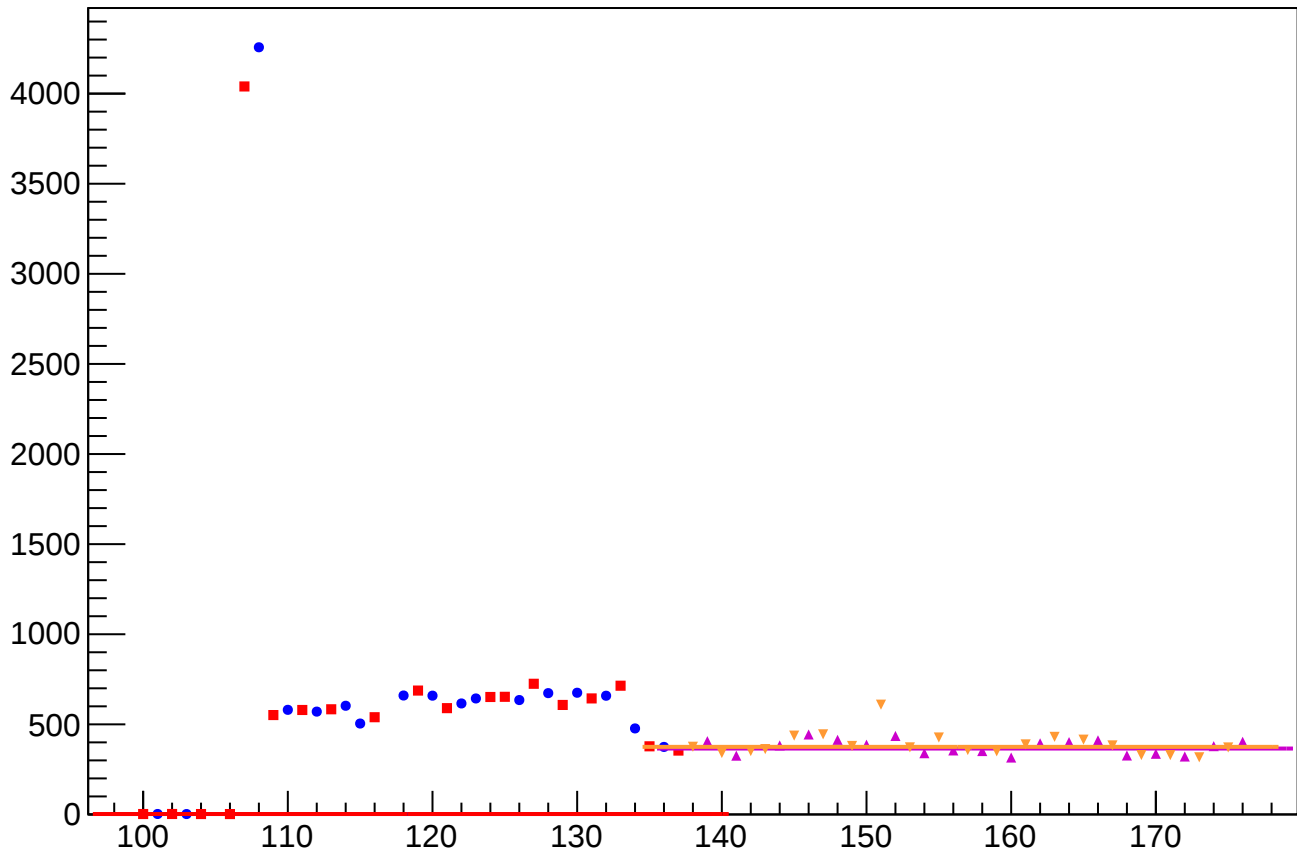
Left In: -97.859 ± 96.483 χ^2/NDF : 16.6/18

+ sign -1.694 ± 2.251 χ^2/NDF : 62.6/36

All: -1.206 ± 1.540 χ^2/NDF : 98.7/74

- sign -0.778 ± 2.111 χ^2/NDF : 36.0/37

asym_cav4bQ_rms vs Slug



Right In: 2.456 $\pm$ 0.002 χ^2 /NDF: 10706347.4/16

Left Out: 375.128 $\pm$ 0.069 χ^2 /NDF: 505529.6/19

Right Out: 2.437 $\pm$ 0.001 χ^2 /NDF: 11140185.1/18

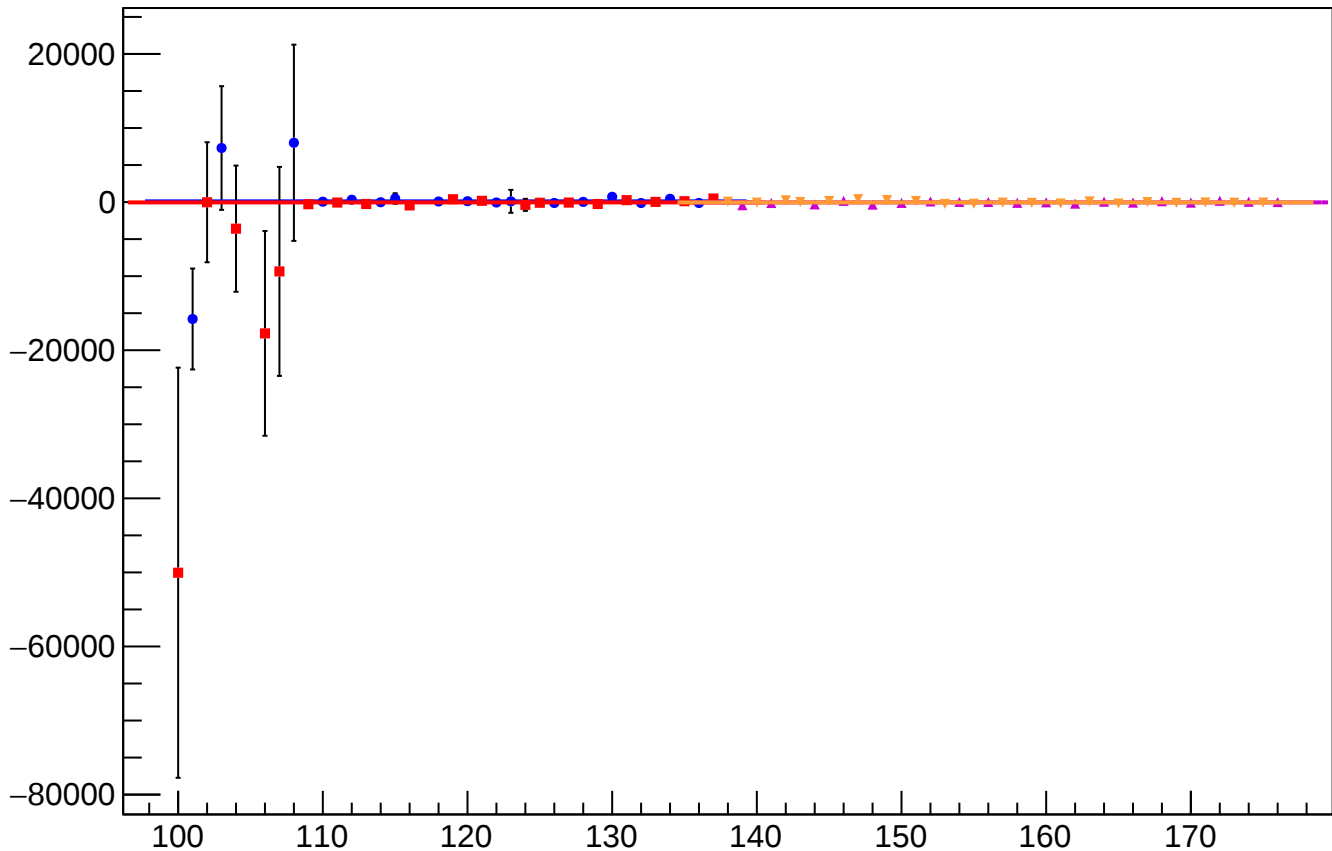
Left In: 365.748 $\pm$ 0.068 χ^2 /NDF: 315004.3/18

+ sign 2.653 $\pm$ 0.002 χ^2 /NDF: 40202905.1/36

All: 2.631 $\pm$ 0.001 χ^2 /NDF: 80003481.4/74

- sign 2.611 $\pm$ 0.001 χ^2 /NDF: 39800192.1/37

asym_cav4cQ_mean vs Slug



Right In: 95.353+/-91.708 χ^2/NDF : 12.0/16

Left Out: -42.520+/-60.020 χ^2/NDF : 6.0/19

Right Out: -42.617+/-84.547 χ^2/NDF : 14.0/18

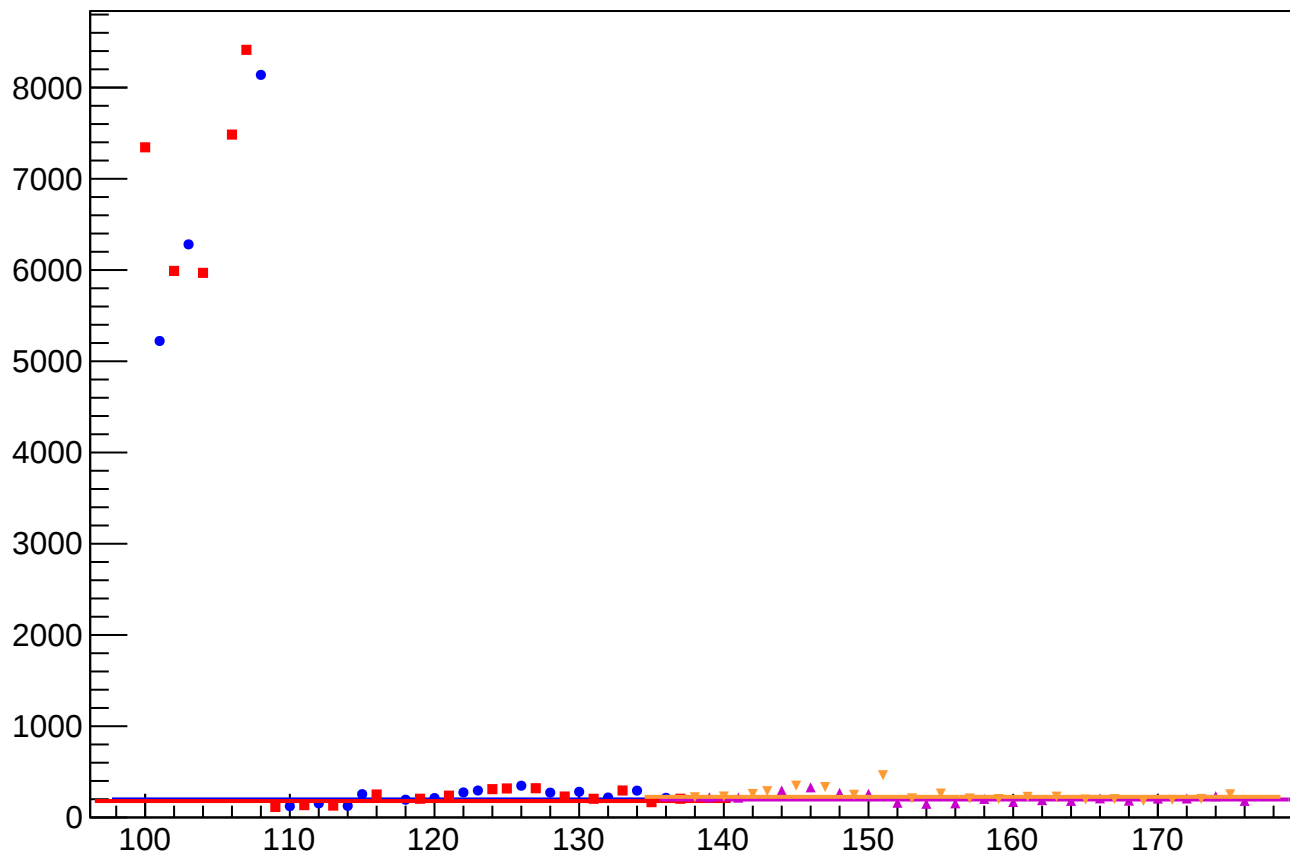
Left In: -38.872+/-53.360 χ^2/NDF : 7.3/18

+ sign -1.175+/-50.220 χ^2/NDF : 19.6/36

All: -22.623+/-33.565 χ^2/NDF : 41.2/74

- sign -39.939+/-45.124 χ^2/NDF : 21.3/37

asym_cav4cQ_rms vs Slug



Right In: 197.422+/-0.065 χ^2/NDF : 3695848.3/16

Left Out: 225.951+/-0.042 χ^2/NDF : 1146204.9/19

Right Out: 179.983+/-0.060 χ^2/NDF : 4321404.4/18

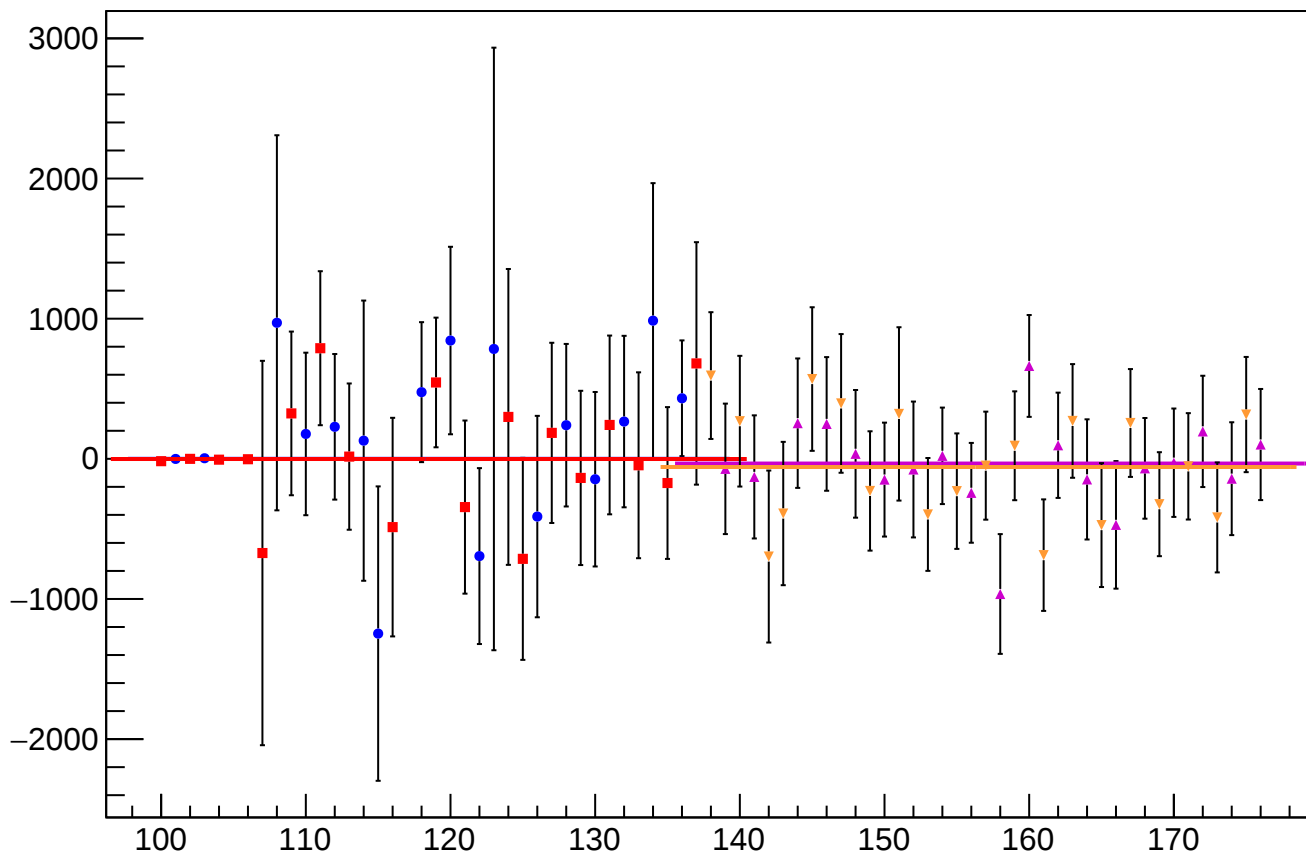
Left In: 196.833+/-0.038 χ^2/NDF : 1130174.0/18

+ sign 217.396+/-0.036 χ^2/NDF : 4977561.6/36

All: 203.363+/-0.024 χ^2/NDF : 10768191.5/74

- sign 192.033+/-0.032 χ^2/NDF : 5508390.5/37

asym_cav4dQ_mean vs Slug



Right In: -0.139 ± 1.737 χ^2/NDF : 9.8/16

Left Out: -58.432 ± 96.089 χ^2/NDF : 14.9/19

Right Out: -1.324 ± 1.623 χ^2/NDF : 9.5/18

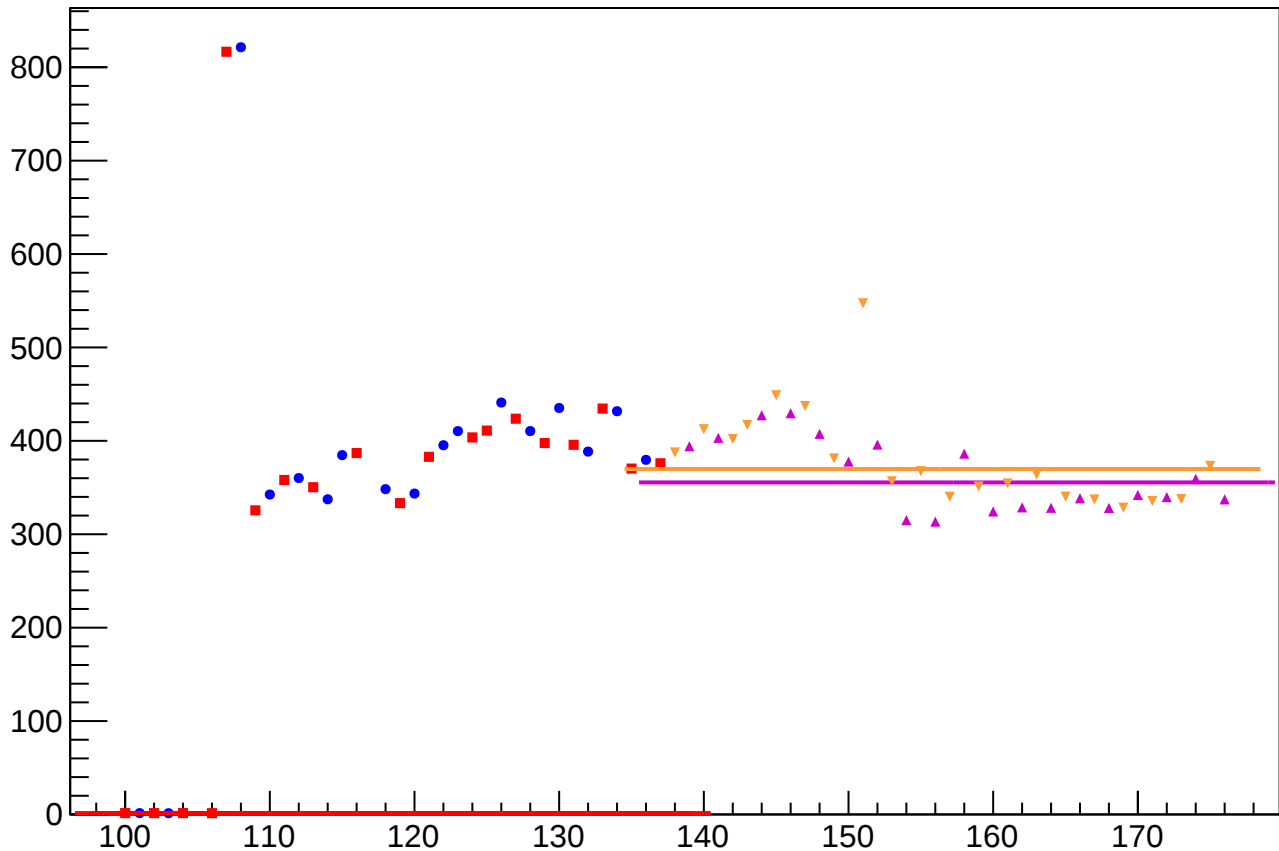
Left In: -33.702 ± 93.636 χ^2/NDF : 11.3/18

+ sign -0.158 ± 1.736 χ^2/NDF : 25.0/36

All: -0.786 ± 1.185 χ^2/NDF : 46.2/74

- sign -1.333 ± 1.622 χ^2/NDF : 21.0/37

asym_cav4dQ_rms vs Slug



Right In: 1.452+/-0.001 χ^2/NDF : 10815892.9/16

Left Out: 369.856+/-0.068 χ^2/NDF : 393030.5/19

Right Out: 1.451+/-0.001 χ^2/NDF : 10873552.2/18

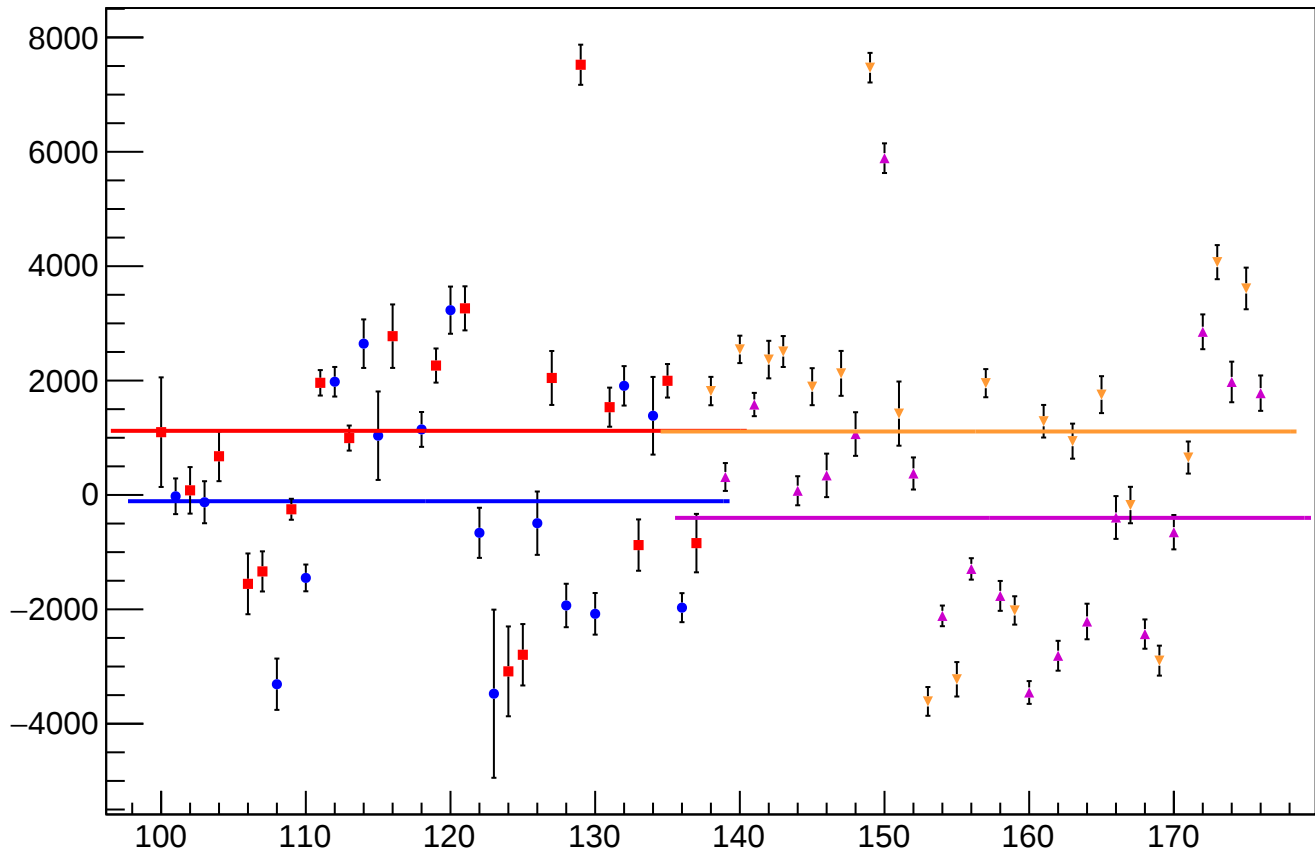
Left In: 355.474+/-0.066 χ^2/NDF : 303027.9/18

+ sign 1.572+/-0.001 χ^2/NDF : 40598206.9/36

All: 1.564+/-0.001 χ^2/NDF : 80355586.3/74

- sign 1.557+/-0.001 χ^2/NDF : 39757297.6/37

asym_bcm0l02_mean vs Slug



Right In: -109.225 ± 87.961 $\chi^2/\text{NDF}: 428.3/16$

Left Out: 1109.738 ± 64.705 $\chi^2/\text{NDF}: 1836.0/19$

Right Out: 1121.203 ± 78.396 $\chi^2/\text{NDF}: 670.1/18$

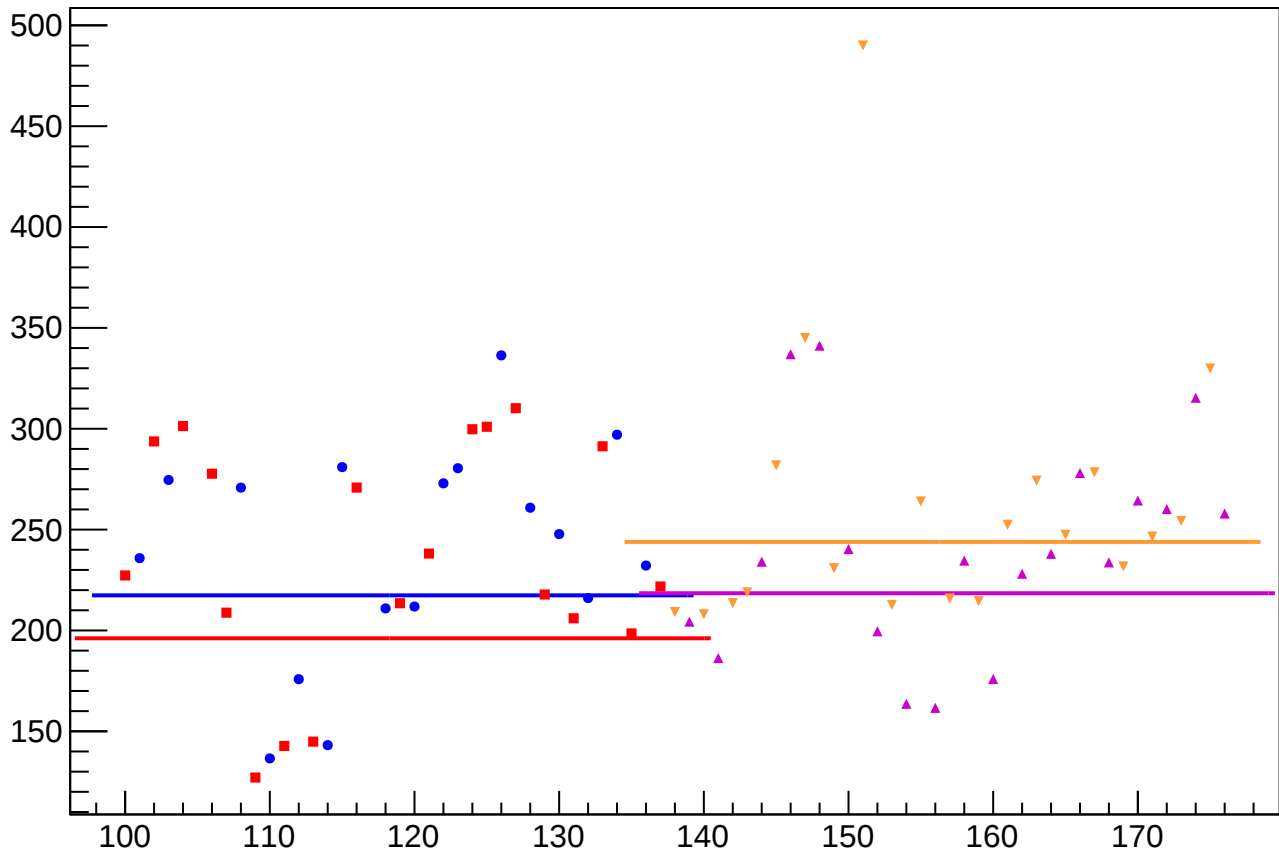
Left In: -400.645 ± 59.301 $\chi^2/\text{NDF}: 1486.6/18$

+ sign 681.732 ± 52.122 $\chi^2/\text{NDF}: 2388.9/36$

All: 391.871 ± 35.025 $\chi^2/\text{NDF}: 4841.7/74$

- sign 153.218 ± 47.294 $\chi^2/\text{NDF}: 2396.4/37$

asym_bcm0l02_rms vs Slug



Right In: 217.403 $\pm$ 0.062 χ^2 /NDF: 652632.9/16

Left Out: 243.908 $\pm$ 0.046 χ^2 /NDF: 926045.4/19

Right Out: 196.112 $\pm$ 0.055 χ^2 /NDF: 1190862.3/18

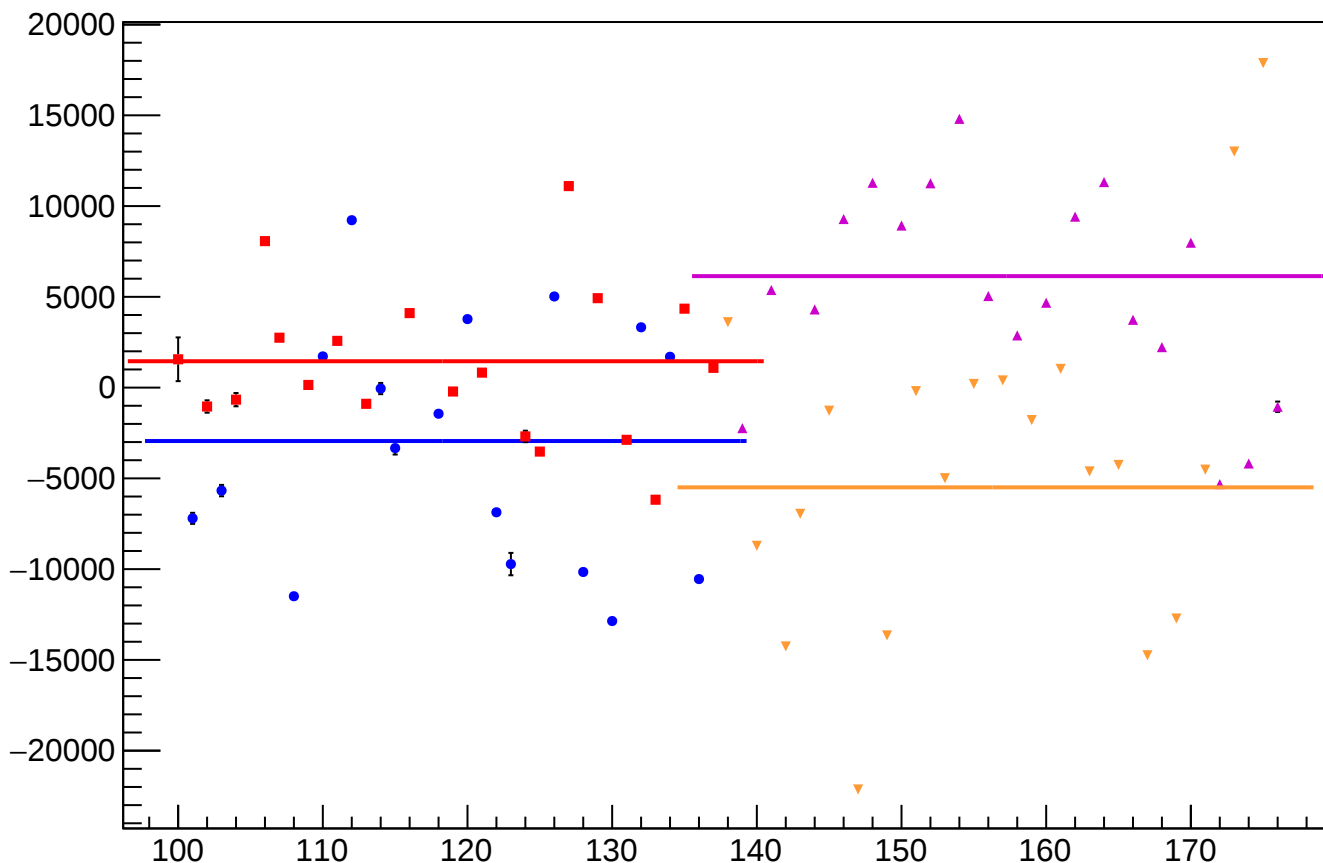
Left In: 218.448 $\pm$ 0.042 χ^2 /NDF: 1290069.7/18

+ sign 234.601 $\pm$ 0.037 χ^2 /NDF: 1696511.2/36

All: 221.284 $\pm$ 0.025 χ^2 /NDF: 4518771.8/74

- sign 210.319 $\pm$ 0.033 χ^2 /NDF: 2584198.4/37

asym_bpm2i01WS_mean vs Slug



Right In: -2943.123±/-48.612 χ^2/NDF : 20909.8/16

Left Out: -5494.224±/-37.322 χ^2/NDF : 52624.0/19

Right Out: 1453.116±/-46.404 χ^2/NDF : 7996.0/18

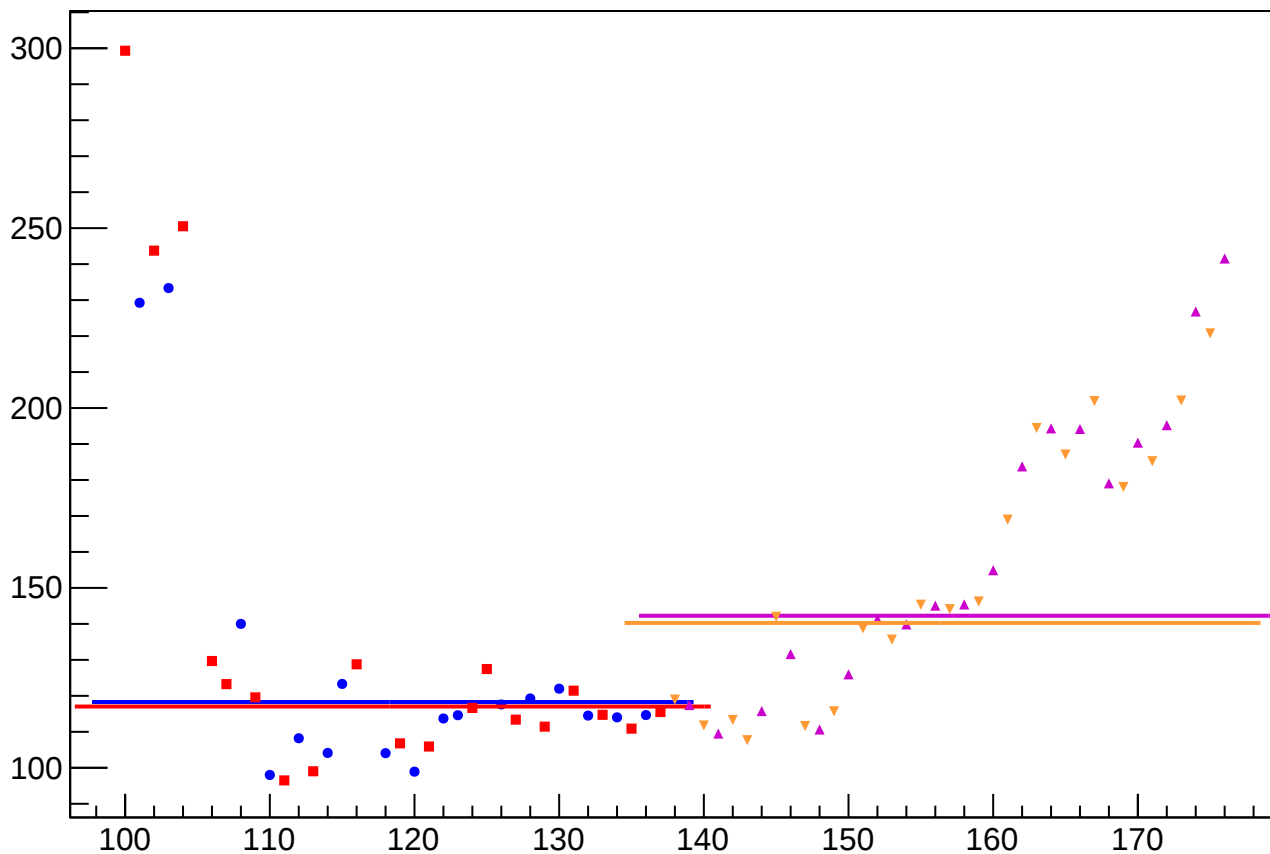
Left In: 6141.214±/-38.290 χ^2/NDF : 17082.3/18

+ sign -4548.141±/-29.604 χ^2/NDF : 75266.5/36

All: -142.551±/-20.908 χ^2/NDF : 150606.5/74

- sign 4242.201±/-29.534 χ^2/NDF : 31150.7/37

asym_bpm2i01WS_rms vs Slug



Right In: 118.286+/-0.034 χ^2/NDF : 636918.0/16

Left Out: 140.265+/-0.026 χ^2/NDF :1390279.7/19

Right Out: 117.031+/-0.033 χ^2/NDF : 690861.5/18

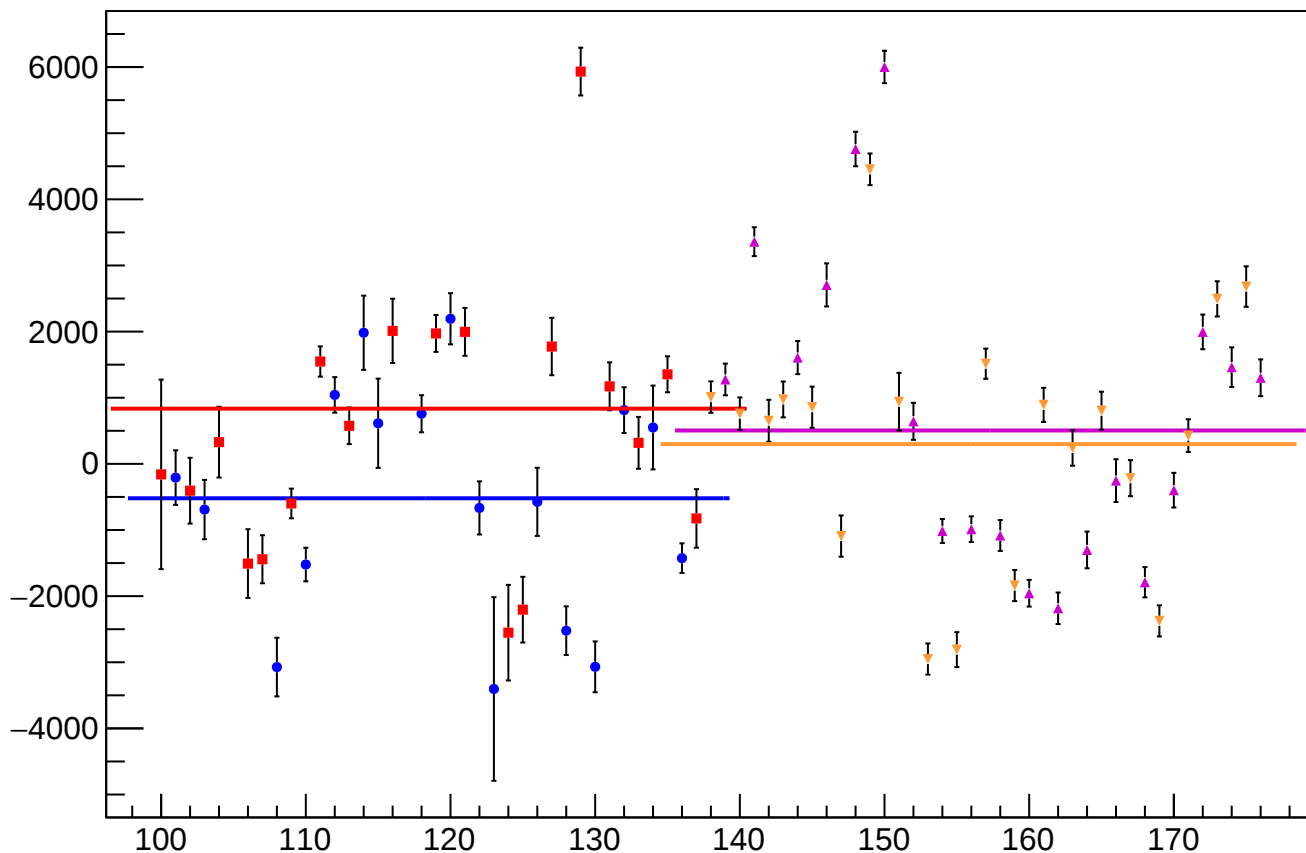
Left In: 142.264+/-0.027 χ^2/NDF :1457083.8/18

+ sign 132.114+/-0.021 χ^2/NDF : 2284420.6/36

All: 132.078+/-0.015 χ^2/NDF : 4784187.1/74

- sign 132.043+/-0.021 χ^2/NDF : 2499760.8/37

asym_bpm0i07WS_mean vs Slug



Right In: -520.267 ± 89.241 χ^2/NDF : 288.1/16

Left Out: 298.321 ± 59.329 χ^2/NDF : 1055.4/19

Right Out: 834.834 ± 82.273 χ^2/NDF : 434.7/18

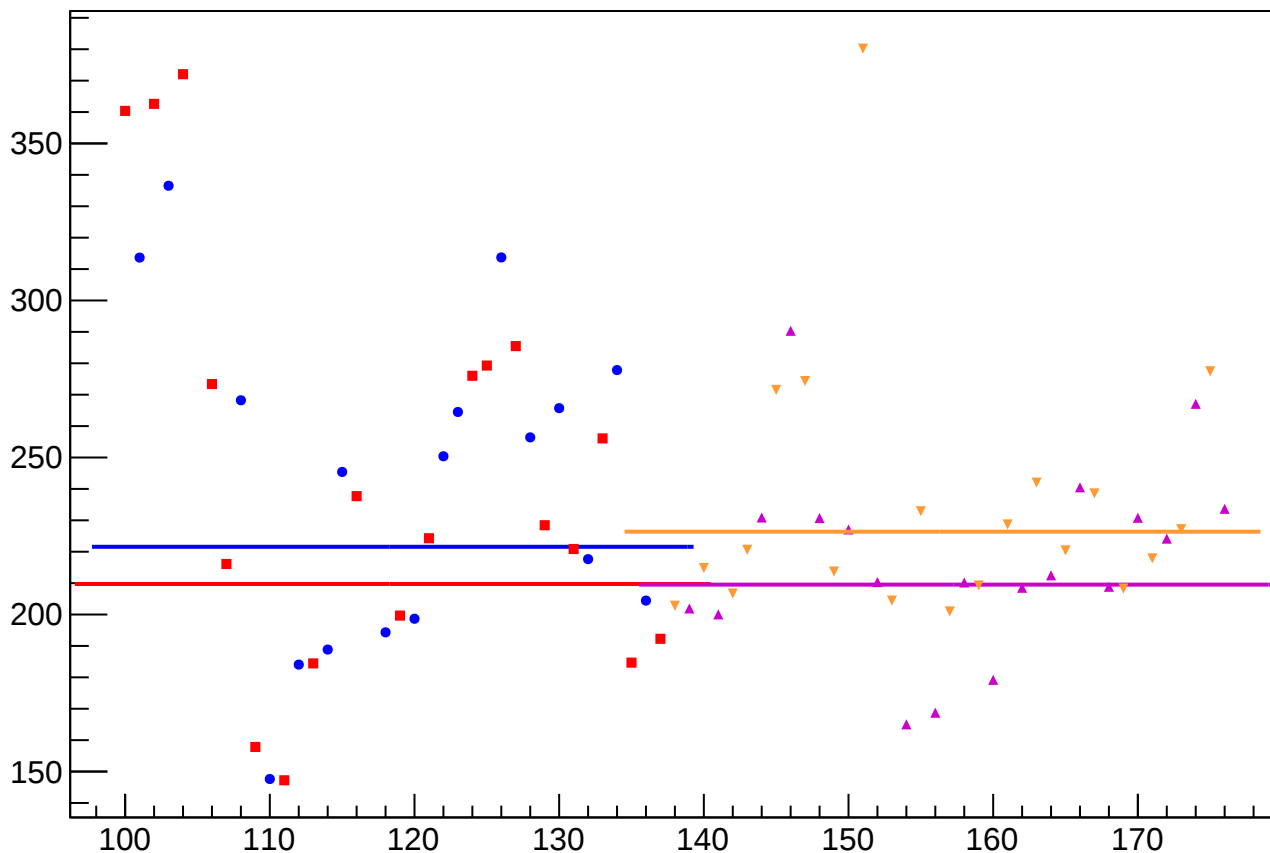
Left In: 504.862 ± 55.886 χ^2/NDF : 1679.2/18

+ sign 47.416 ± 49.407 χ^2/NDF : 1401.8/36

All: 346.869 ± 33.756 χ^2/NDF : 3595.6/74

- sign 609.044 ± 46.229 χ^2/NDF : 2124.9/37

asym_bpm0i07WS_rms vs Slug



Right In: 221.570 $\pm$ 0.063 χ^2 /NDF: 644941.4/16

Left Out: 226.378 $\pm$ 0.042 χ^2 /NDF: 511676.3/19

Right Out: 209.736 $\pm$ 0.058 χ^2 /NDF: 883922.1/18

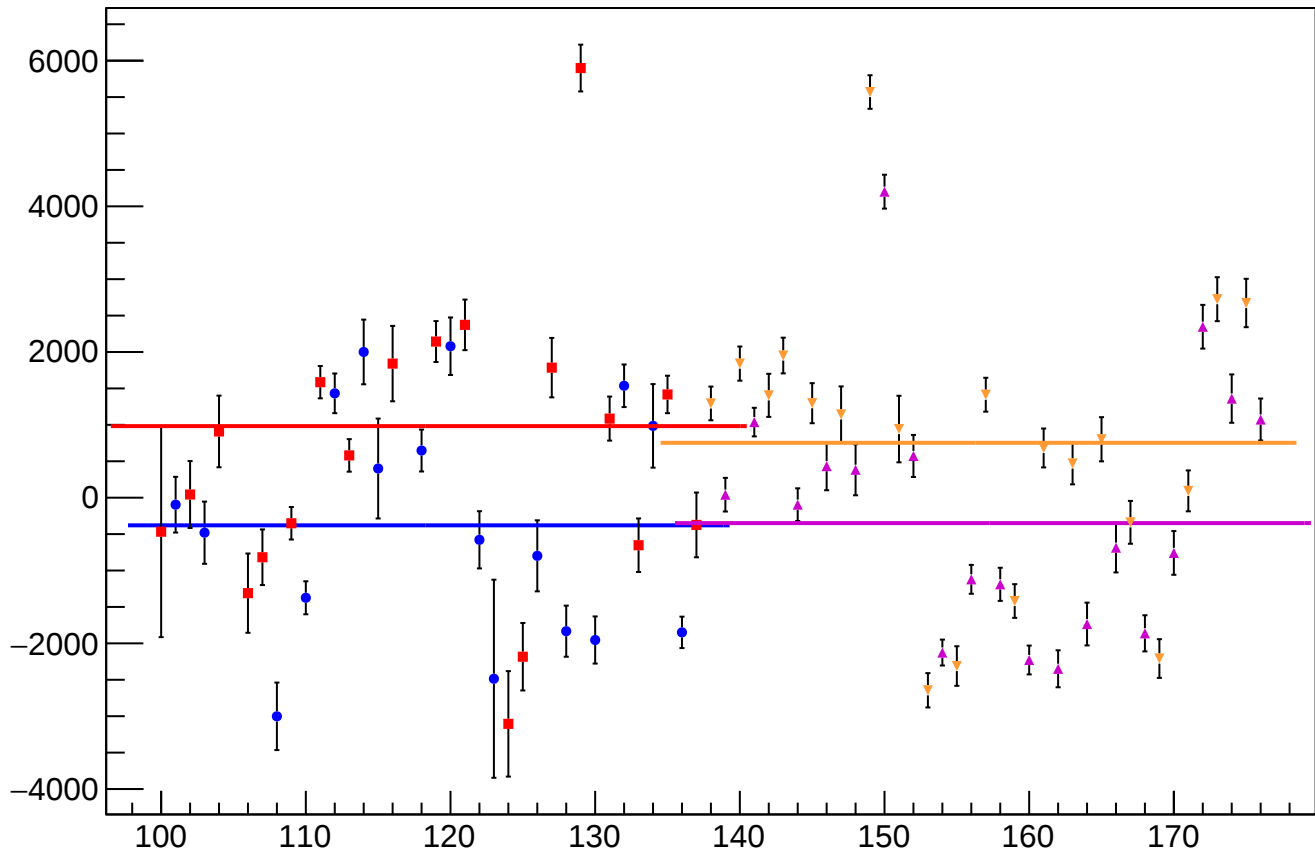
Left In: 209.524 $\pm$ 0.040 χ^2 /NDF: 547940.7/18

+ sign 224.904 $\pm$ 0.035 χ^2 /NDF: 1160643.9/36

All: 216.739 $\pm$ 0.024 χ^2 /NDF: 2694955.7/74

- sign 209.591 $\pm$ 0.033 χ^2 /NDF: 1431871.9/37

asym_bpm0l01WS_mean vs Slug



Right In: -379.647 ± 84.260 χ^2/NDF : 317.2/16

Left Out: 753.544 ± 60.543 χ^2/NDF : 1149.9/19

Right Out: 982.539 ± 77.724 χ^2/NDF : 476.3/18

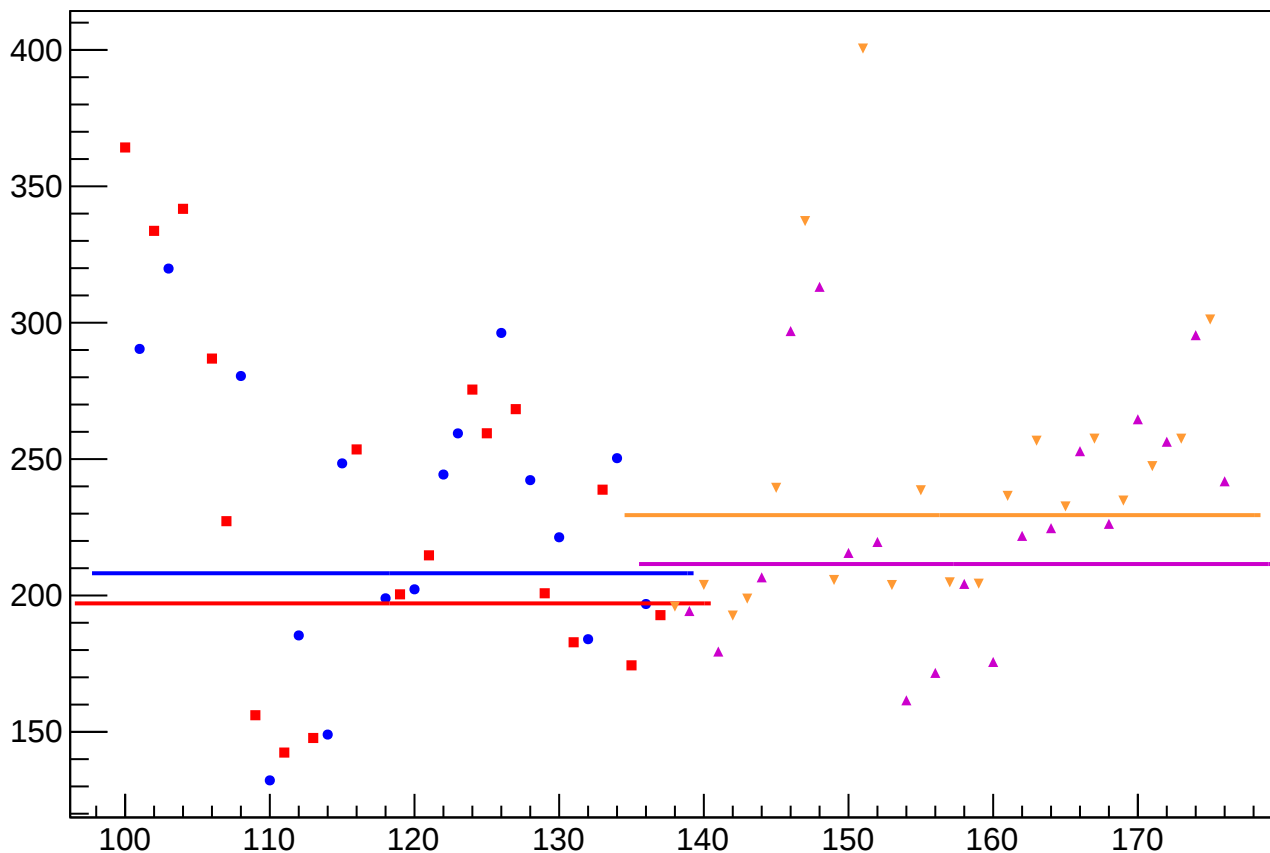
Left In: -348.974 ± 56.842 χ^2/NDF : 931.6/18

+ sign 367.698 ± 49.167 χ^2/NDF : 1586.3/36

All: 232.630 ± 33.545 χ^2/NDF : 3199.5/74

- sign 115.011 ± 45.881 χ^2/NDF : 1599.1/37

asym_bpm0l01WS_rms vs Slug



Right In: 208.151+/-0.060 χ^2/NDF : 699084.2/16

Left Out: 229.459+/-0.043 χ^2/NDF : 819265.7/19

Right Out: 197.103+/-0.055 χ^2/NDF : 926467.5/18

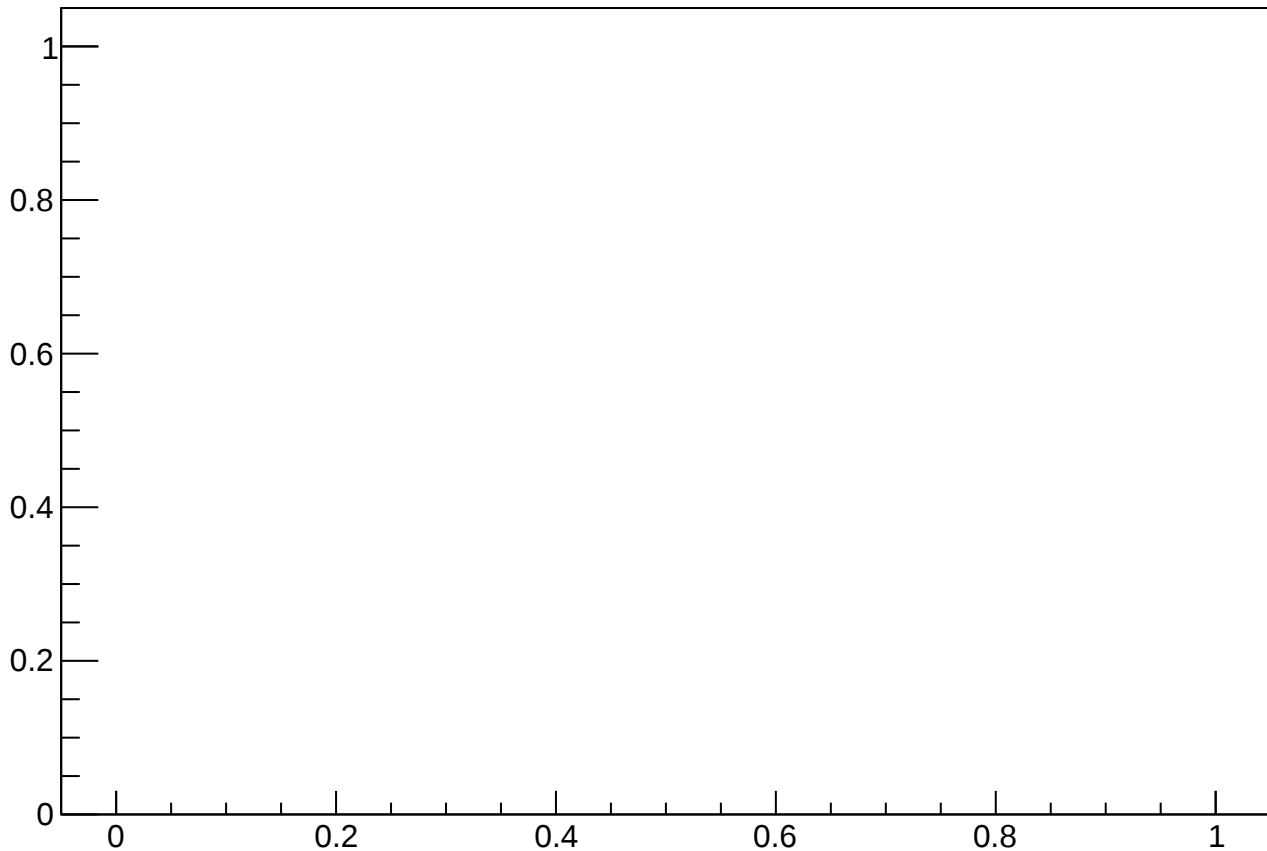
Left In: 211.530+/-0.040 χ^2/NDF : 976493.8/18

+ sign 222.203+/-0.035 χ^2/NDF : 1602699.2/36

All: 213.811+/-0.024 χ^2/NDF : 3659575.3/74

- sign 206.503+/-0.032 χ^2/NDF : 1947861.4/37

bcm_an_us_ds_dd_mean vs Slug



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

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

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

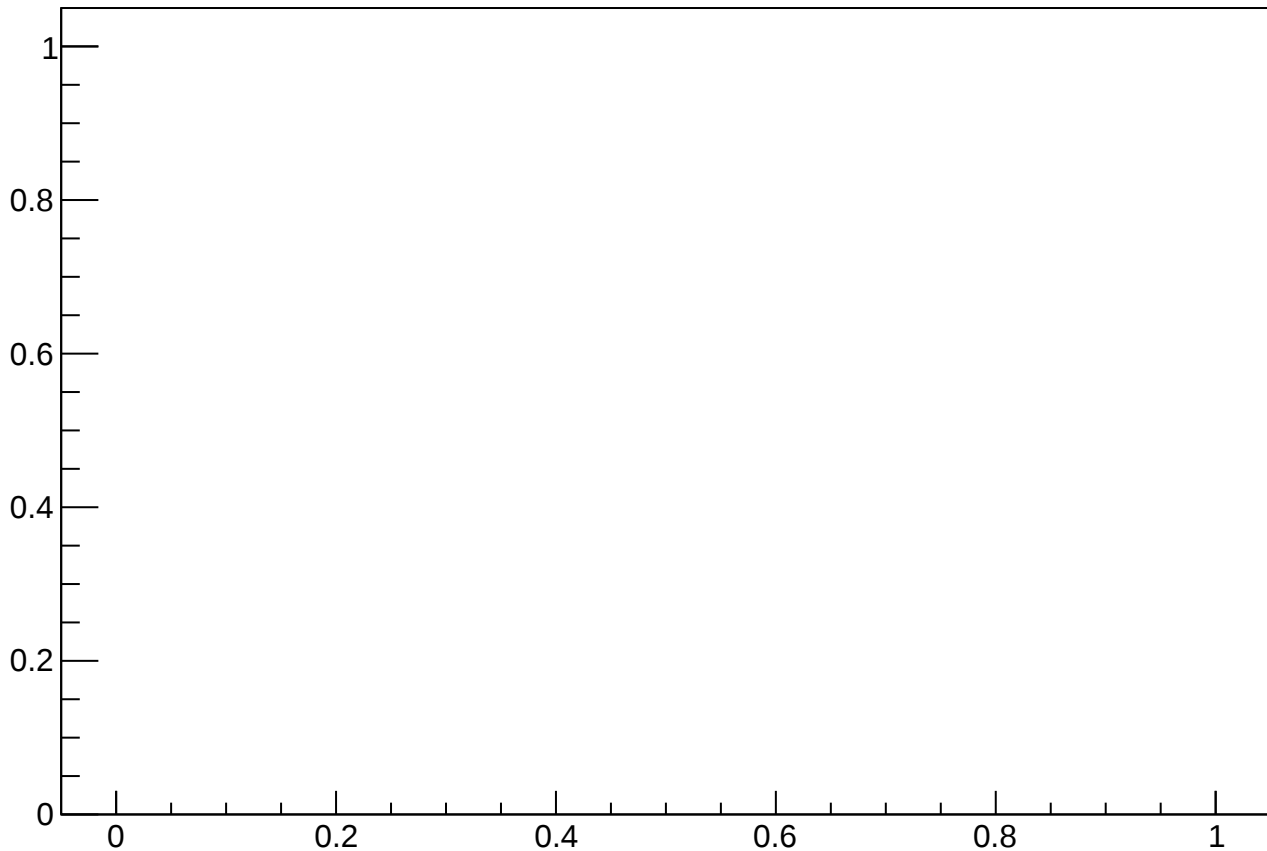
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_an_us_ds_dd_rms vs Slug



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

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

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

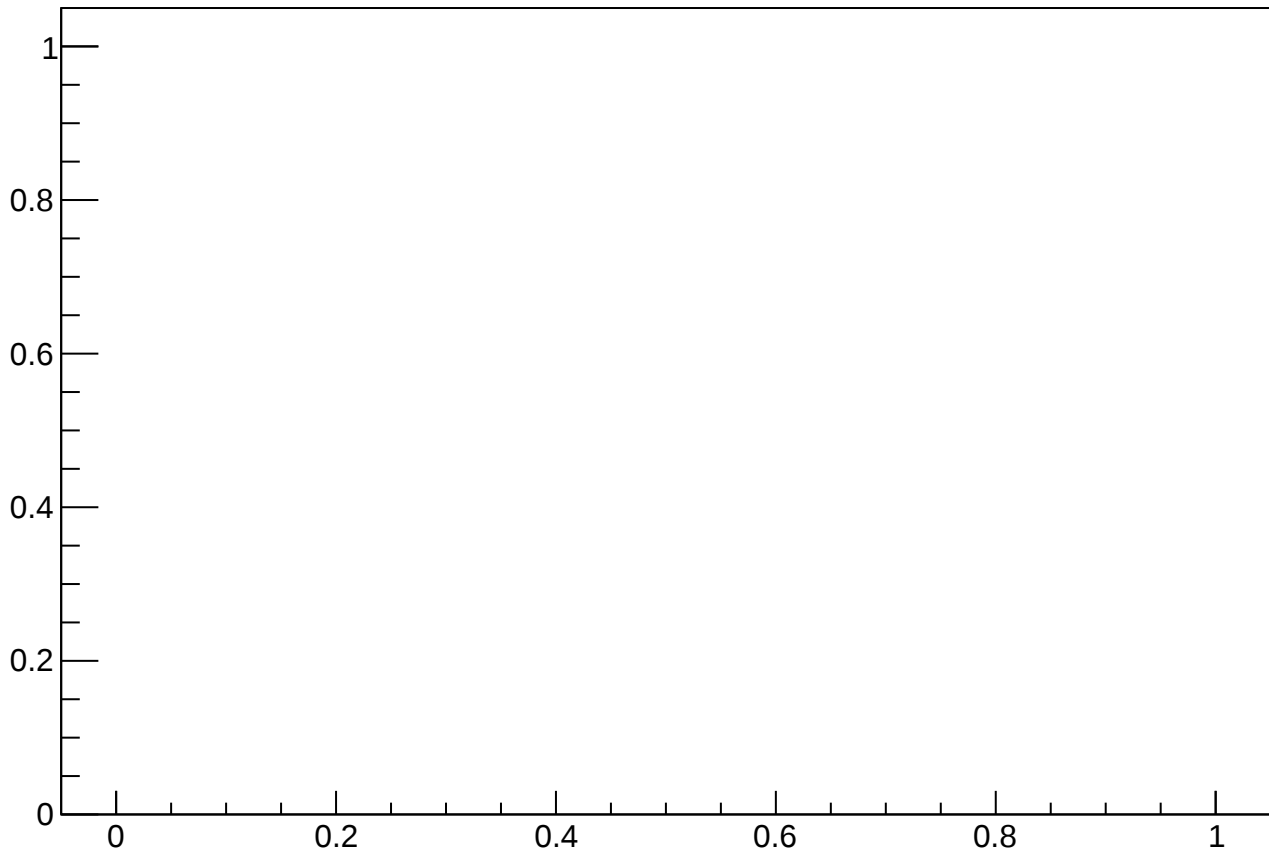
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

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

bcm_dg_us_dg_ds_dd_mean vs Slug



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

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

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

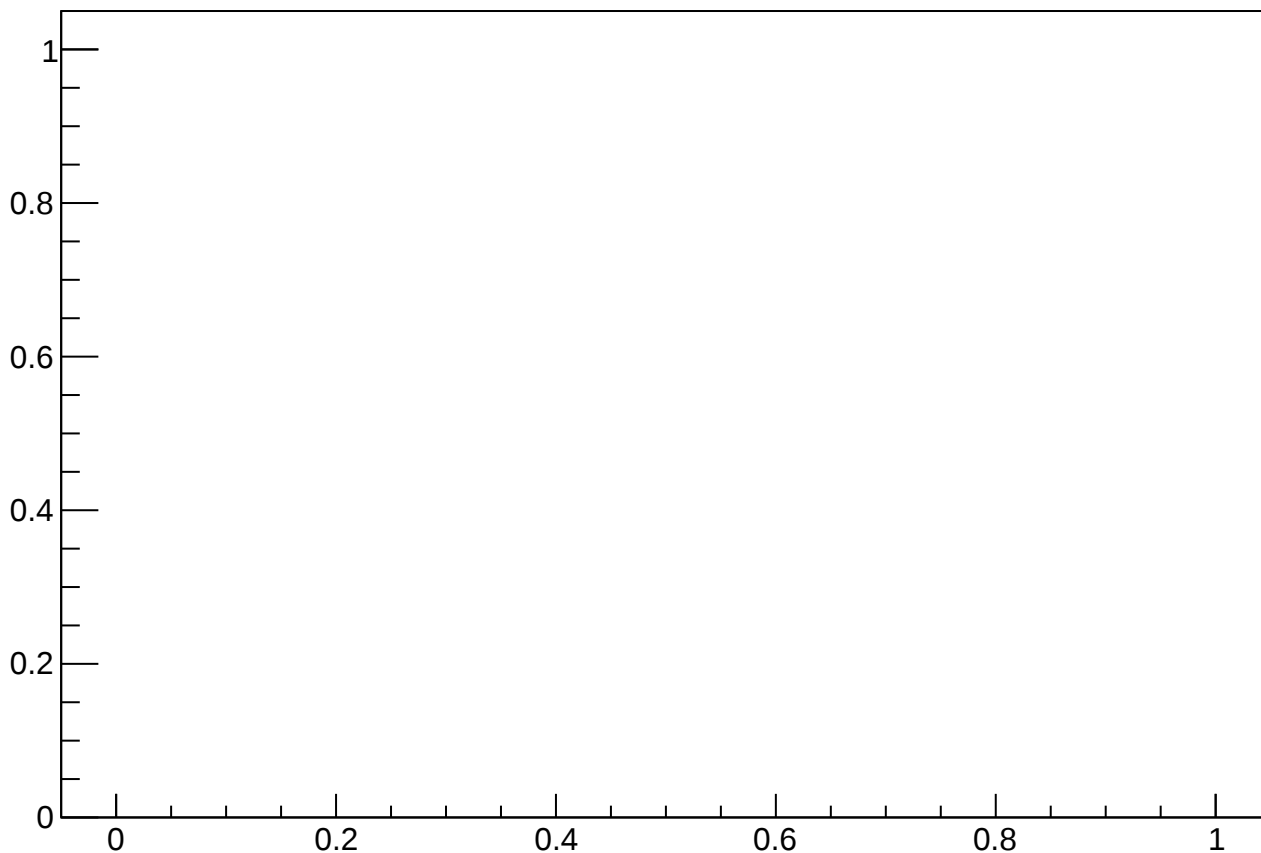
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_us_dg_ds_dd_rms vs Slug



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

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

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

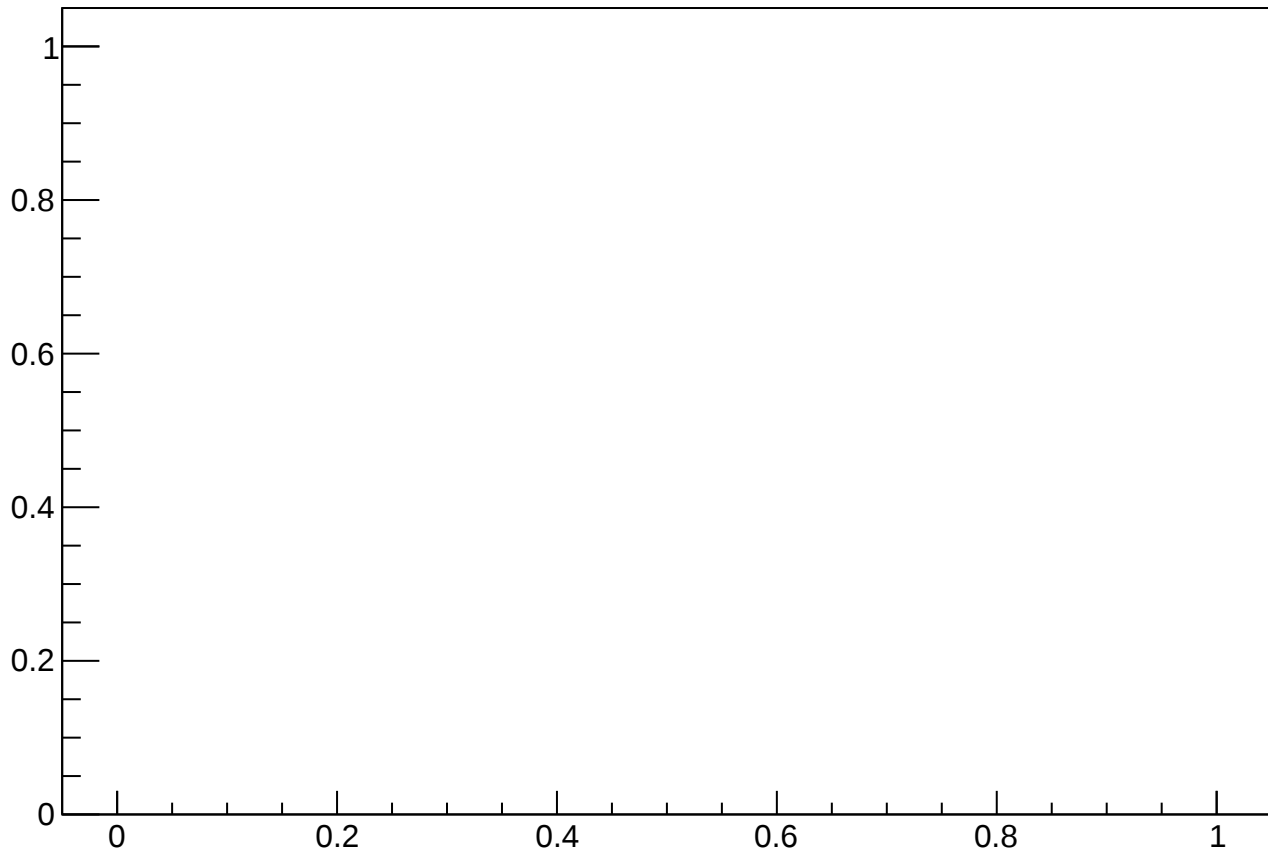
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_us_ds_dd_mean vs Slug



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

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

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

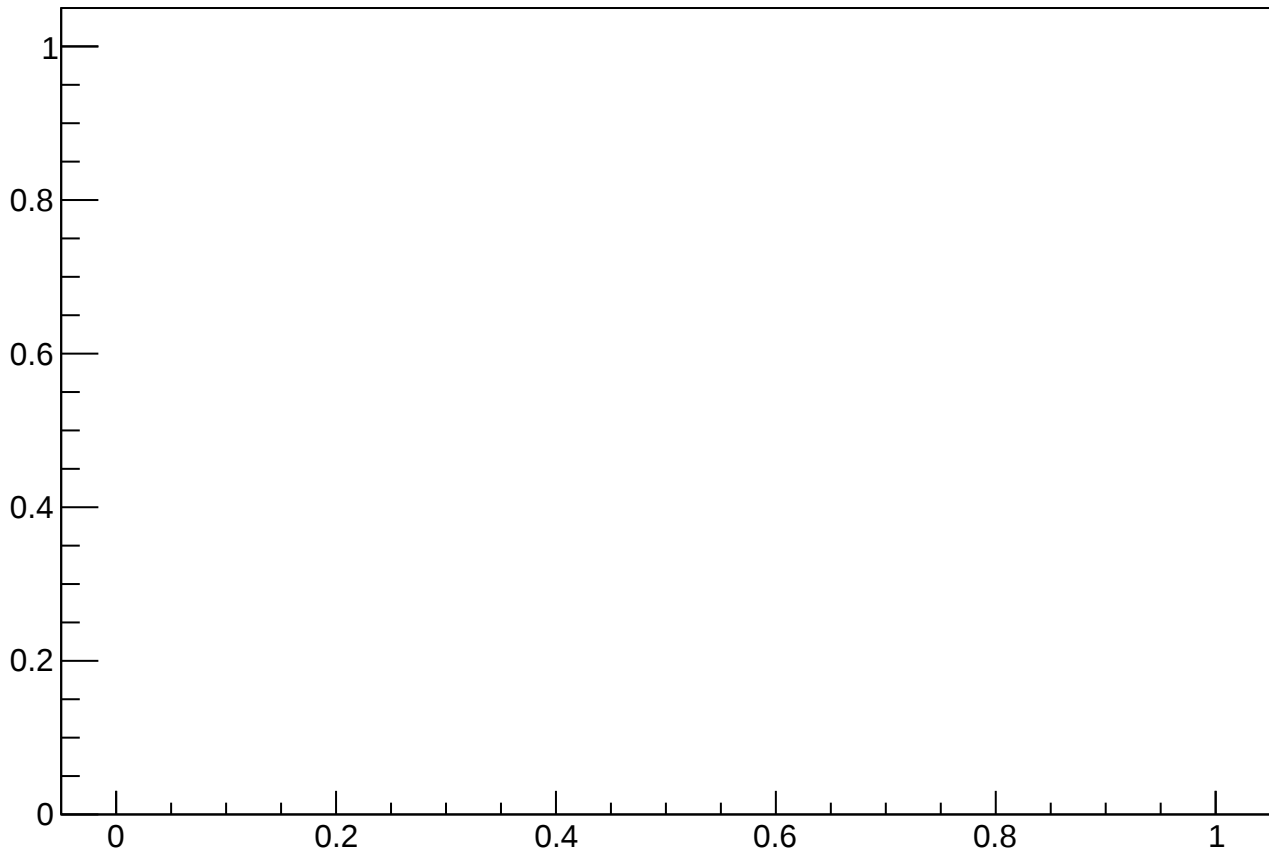
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_us_ds_dd_rms vs Slug



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

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

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

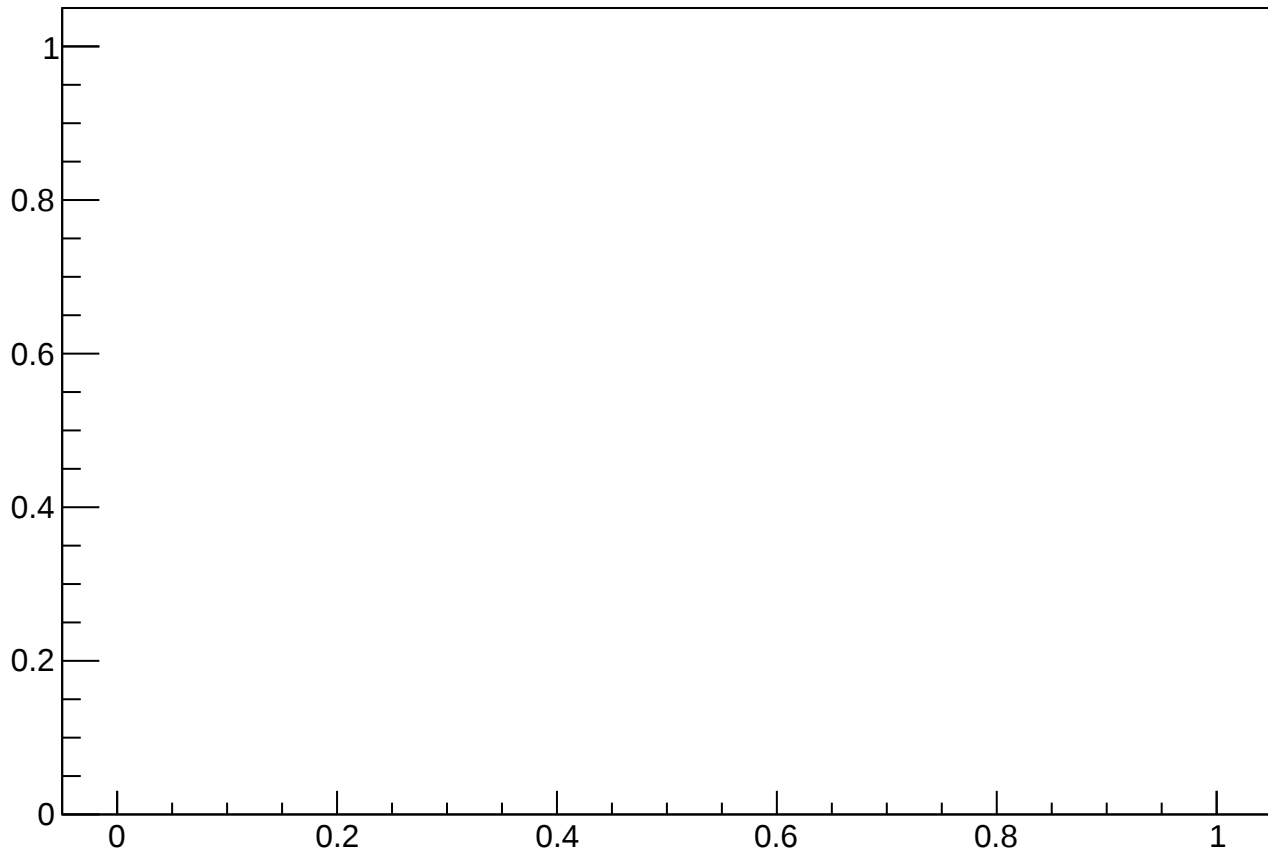
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_ds_ds_dd_mean vs Slug



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

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

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

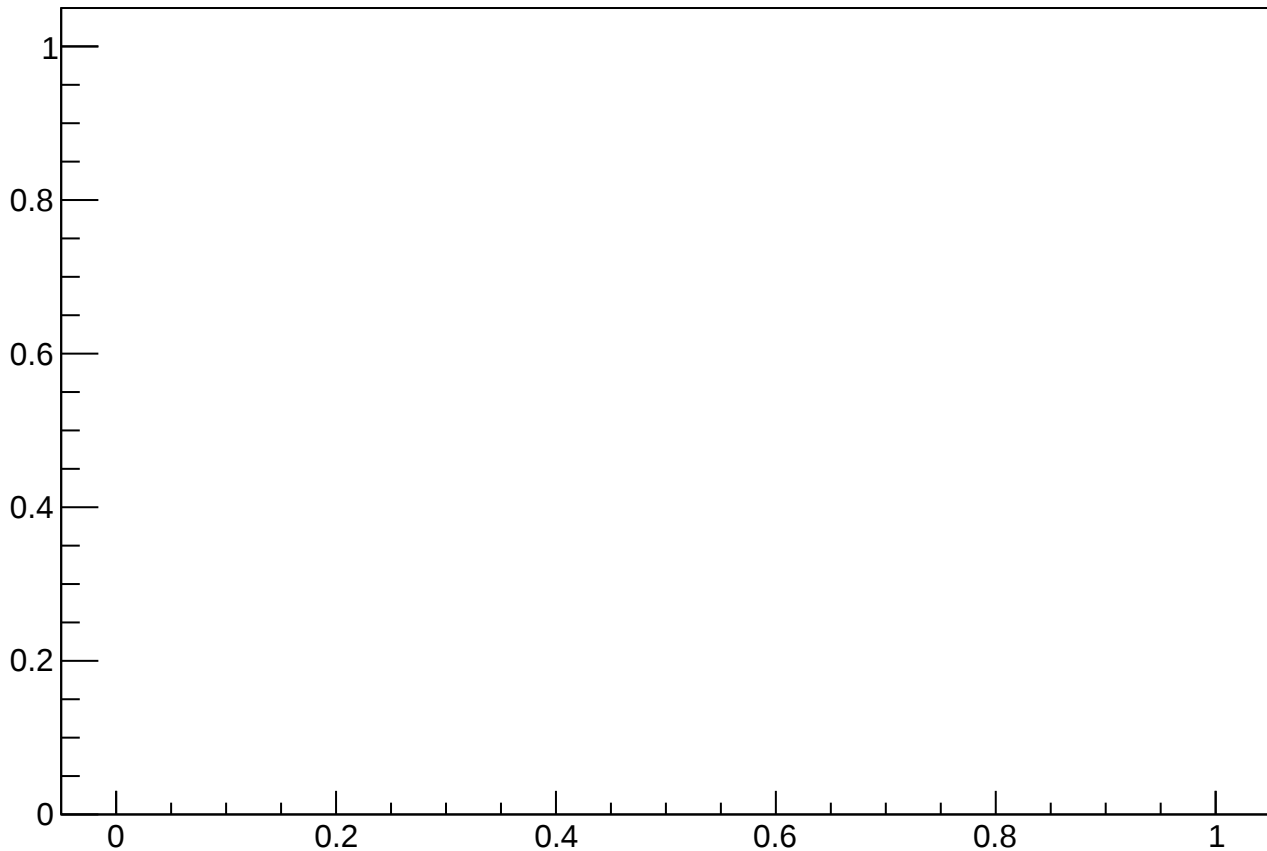
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_ds_ds_dd_rms vs Slug



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

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

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

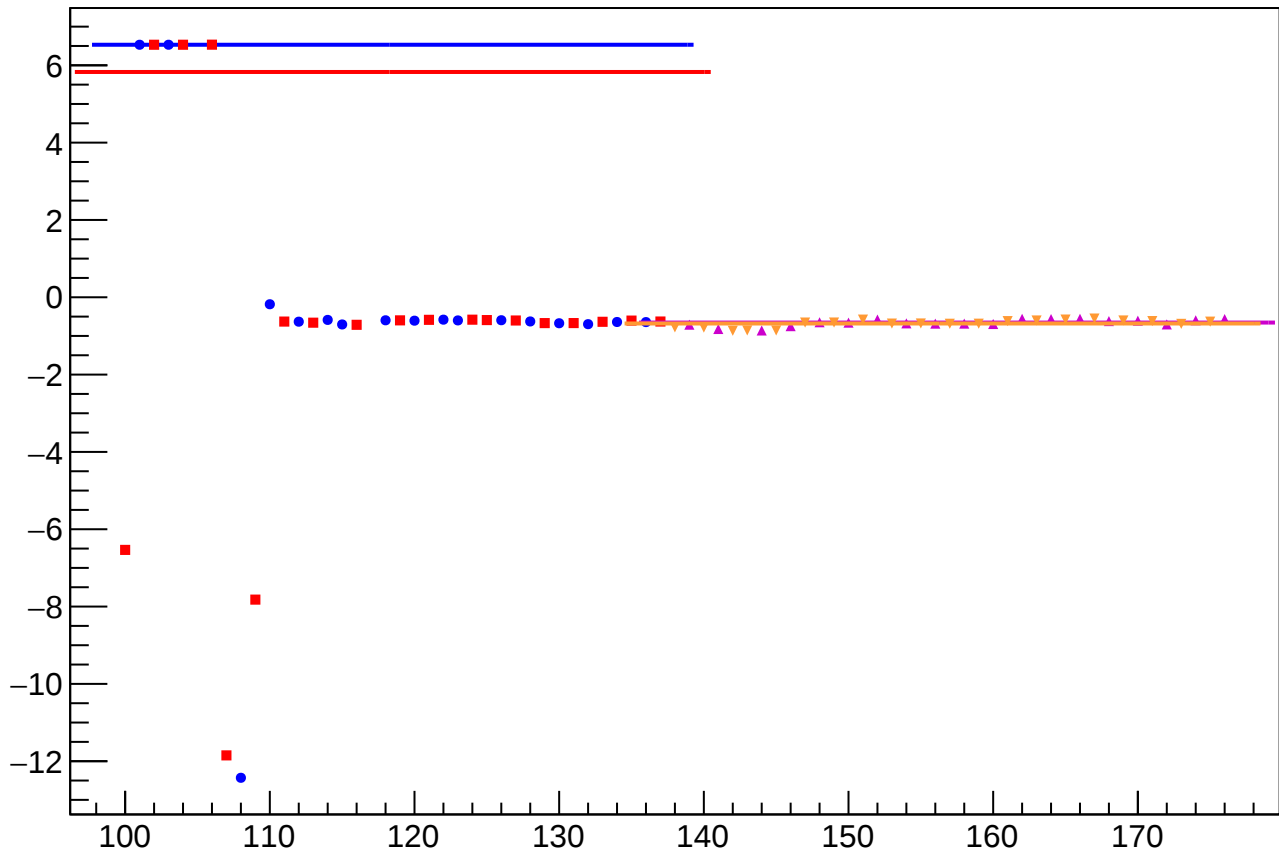
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

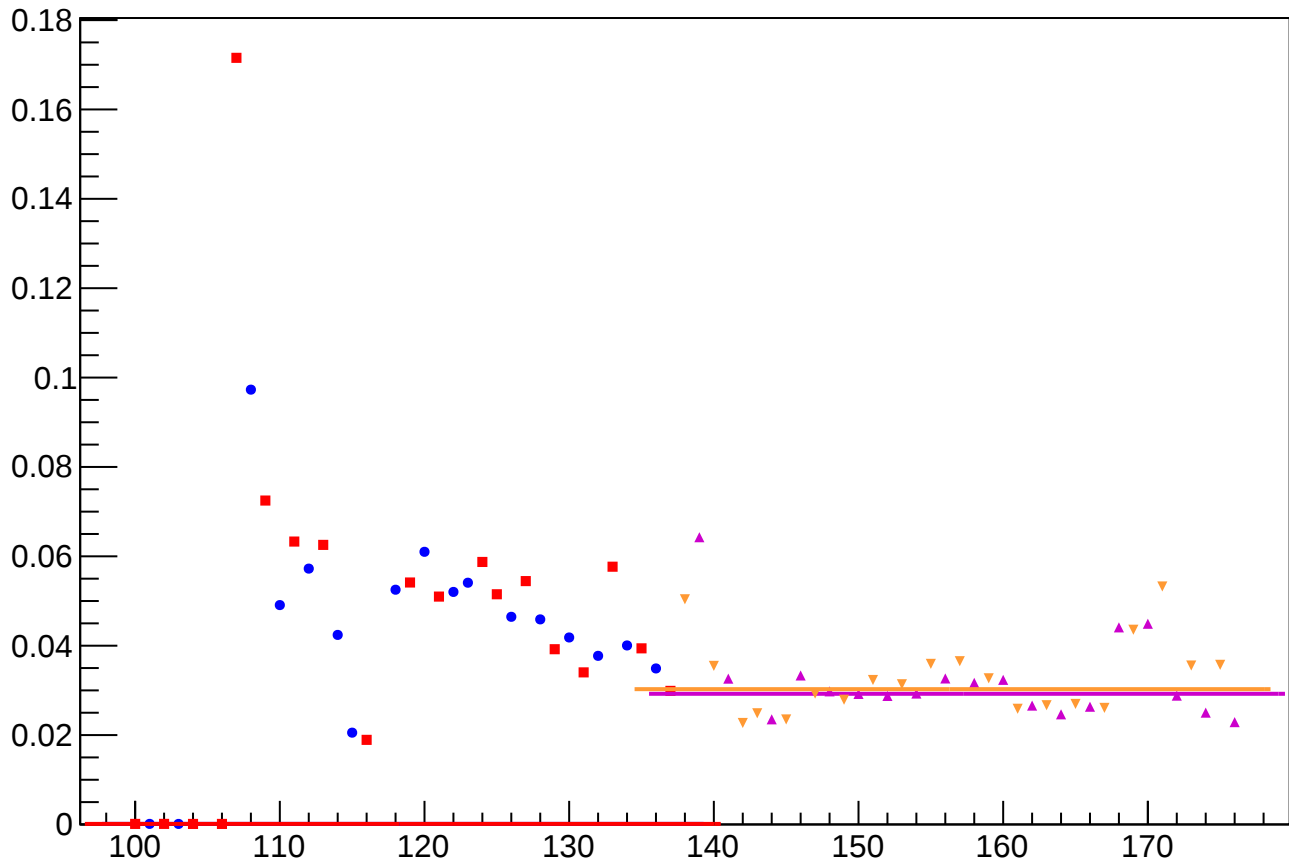
yield_cav4bX_mean vs Slug



Right In: 6.532 ± 0.000 $\chi^2/\text{NDF}: 127219747629.7/16$
 Left Out: -0.678 ± 0.000 $\chi^2/\text{NDF}: 128699460.0/19$
 Right Out: 5.827 ± 0.000 $\chi^2/\text{NDF}: 755963218053643.4/18$
 Left In: -0.654 ± 0.000 $\chi^2/\text{NDF}: 112351677.7/18$

+ sign 6.530 ± 0.000 $\chi^2/\text{NDF}: 793496834910.9/36$
 All: 6.154 ± 0.000 $\chi^2/\text{NDF}: 77731770576423$
 - sign 5.826 ± 0.000 $\chi^2/\text{NDF}: 756529284351480.6/18$

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8888070.2/16

Left Out: 0.030+/-0.000 χ^2/NDF : 1060306.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 9349631.9/18

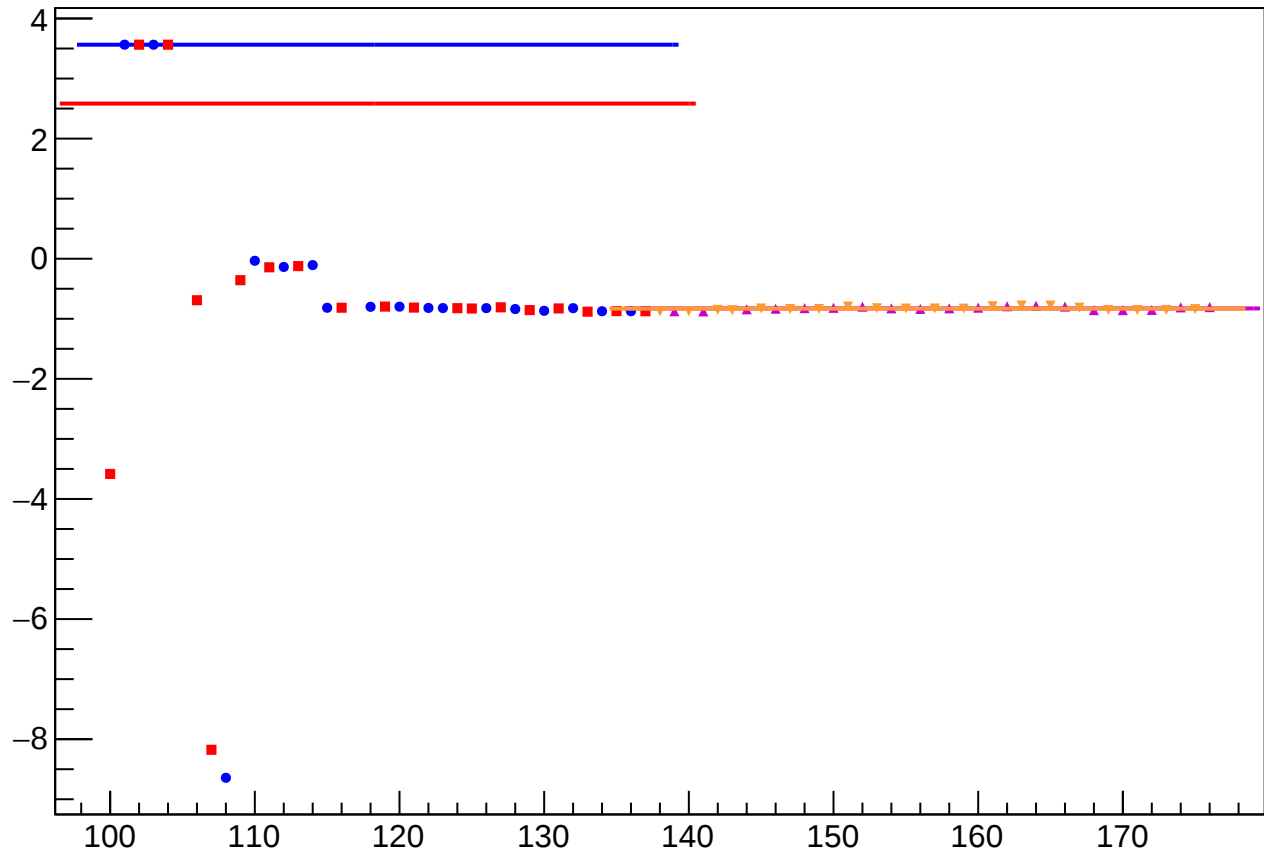
Left In: 0.029+/-0.000 χ^2/NDF : 1059078.1/18

+ sign 0.000+/-0.000 χ^2/NDF : 33249913.6/36

All: 0.000+/-0.000 χ^2/NDF : 66500530.4/74

- sign 0.000+/-0.000 χ^2/NDF : 33250170.2/37

yield_cav4bY_mean vs Slug



Right In: 3.563 $\pm$ 0.000 χ^2 /NDF: 481634392464.0/16

Left Out: -0.831 $\pm$ 0.000 χ^2 /NDF: 146225909.3/19

Right Out: 2.583 $\pm$ 0.000 χ^2 /NDF: 1253502070019187.0/18

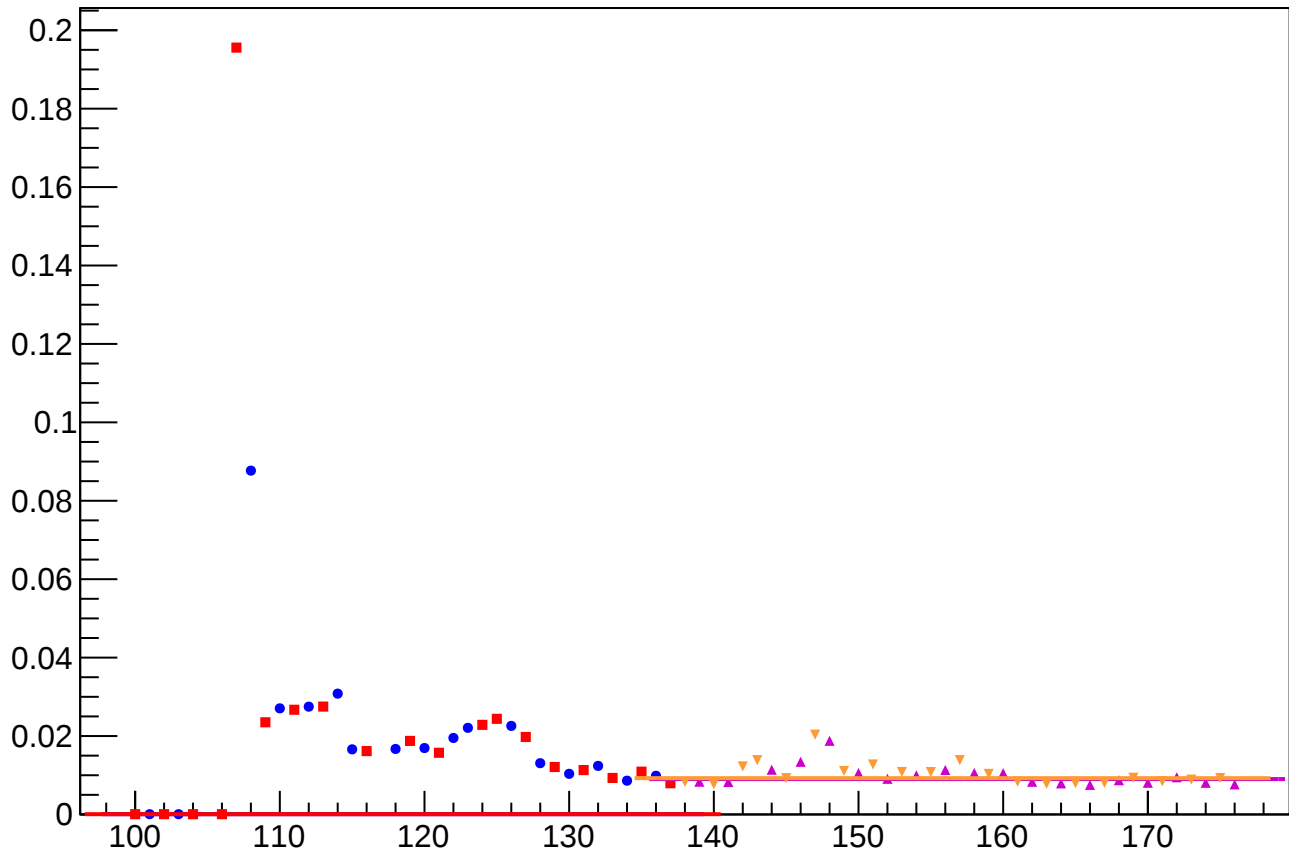
Left In: -0.828 $\pm$ 0.000 χ^2 /NDF: 132303718.0/18

+ sign 3.561 $\pm$ 0.000 χ^2 /NDF: 3254018602034.6/36

All: 3.038 $\pm$ 0.000 χ^2 /NDF: 13866475292192

- sign 2.582 $\pm$ 0.000 χ^2 /NDF: 1255244921594770.0

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9724059.3/16

Left Out: 0.009+/-0.000 χ^2/NDF :1080639.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 9861757.0/18

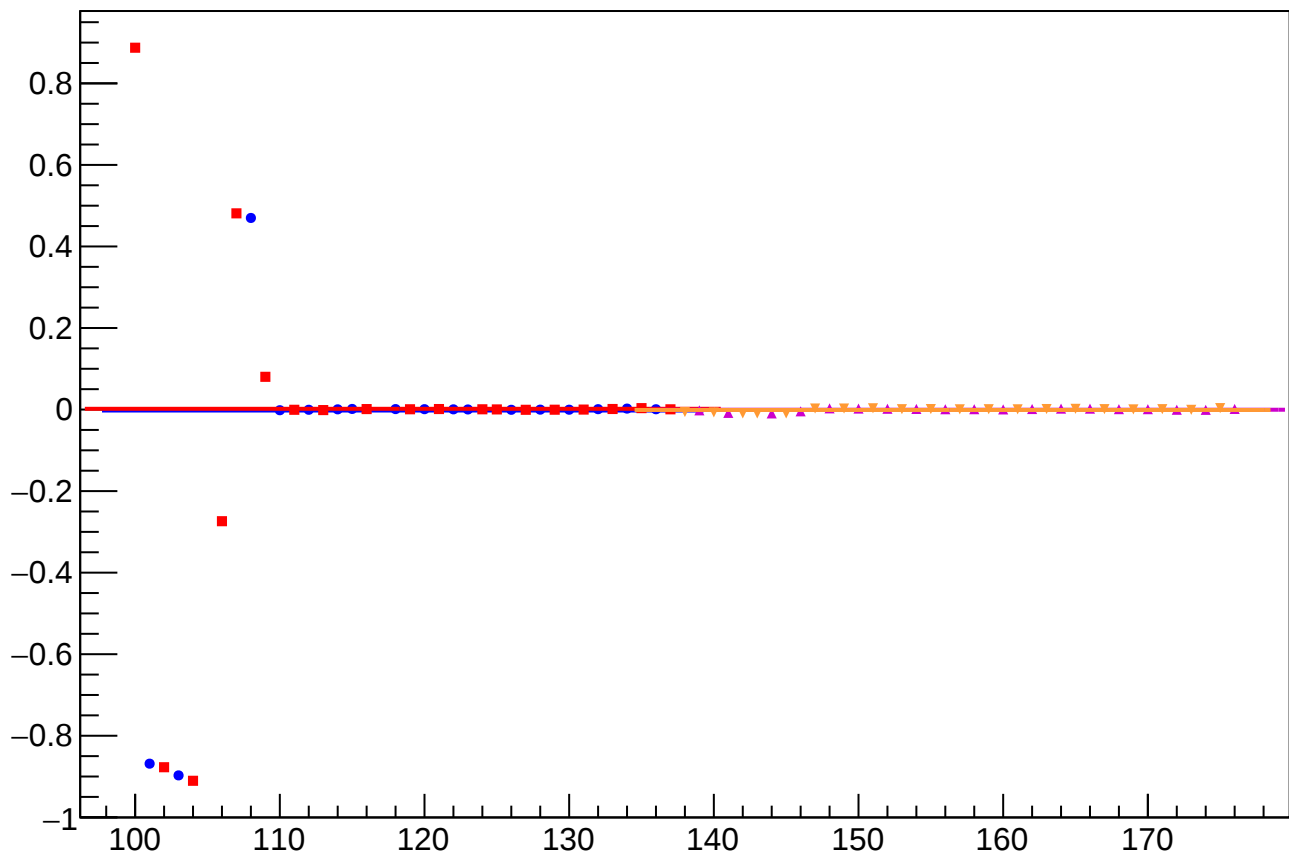
Left In: 0.009+/-0.000 χ^2/NDF :869412.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 35032393.9/36

All: 0.000+/-0.000 χ^2/NDF : 69811740.3/74

- sign 0.000+/-0.000 χ^2/NDF : 34778664.6/37

yield_cav4cX_mean vs Slug



Right In: -0.002+/-0.000 χ^2/NDF : 9794863405.3/16

Left Out: -0.001+/-0.000 χ^2/NDF : 101909079.4/19

Right Out: 0.002+/-0.000 χ^2/NDF : 3041319824.4/18

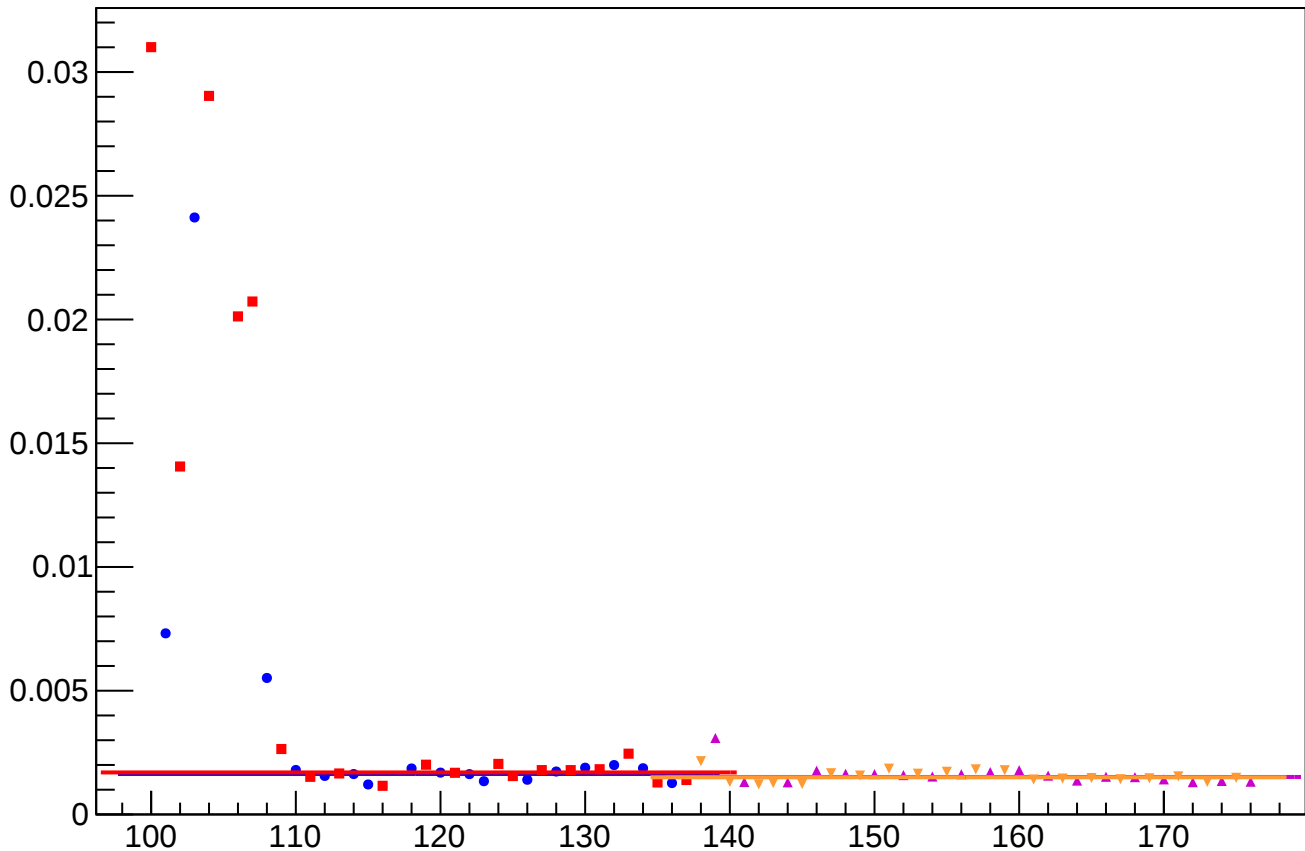
Left In: -0.000+/-0.000 χ^2/NDF : 68778131.2/18

+ sign -0.001+/-0.000 χ^2/NDF : 9898984831.6/36

All: -0.001+/-0.000 χ^2/NDF : 13022371870.9/37

- sign 0.000+/-0.000 χ^2/NDF : 3116353226.9/37

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: 455257.8/19

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3023899.0/18

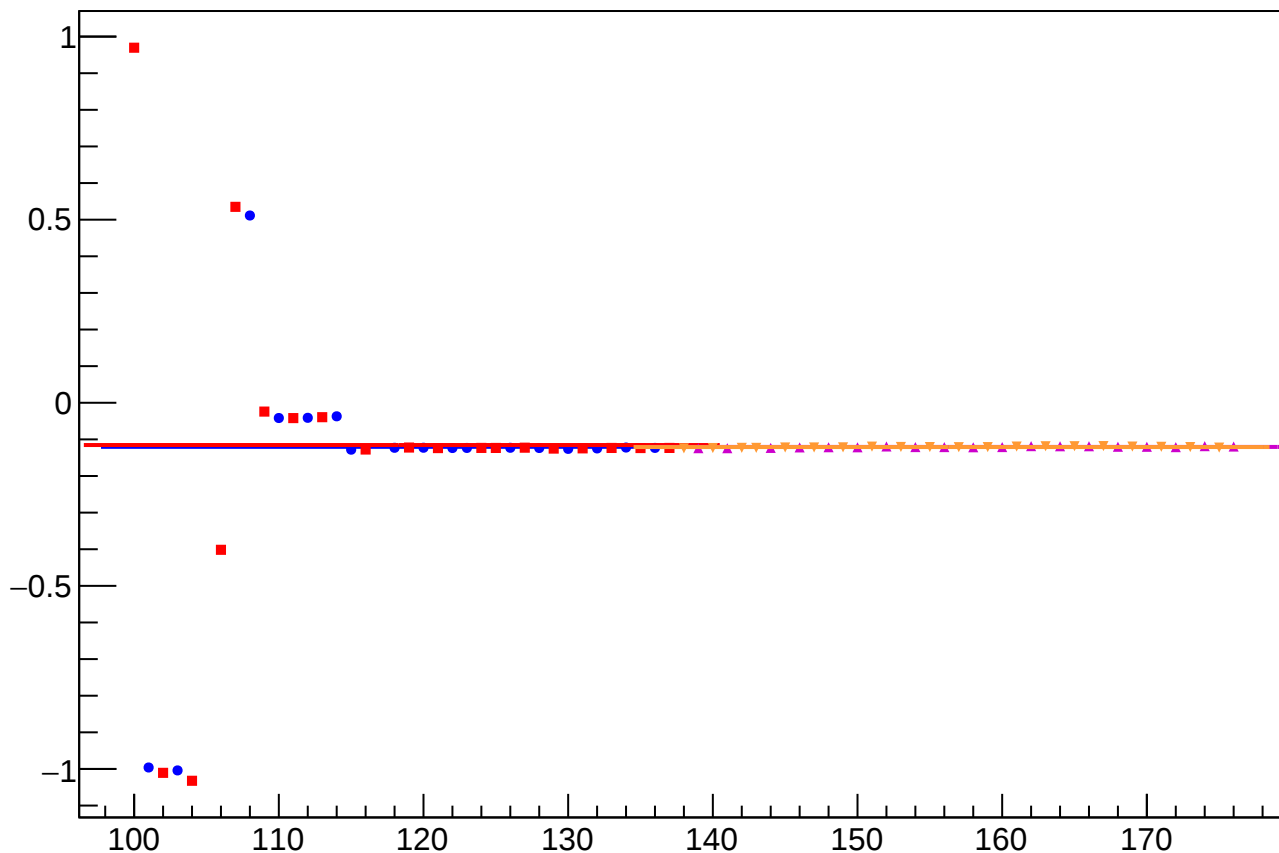
Left In: 0.002 $\pm$ 0.000 χ^2 /NDF: 629574.5/18

+ sign 0.002 $\pm$ 0.000 χ^2 /NDF: 2419606.4/36

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 6156877.9/74

- sign 0.002 $\pm$ 0.000 χ^2 /NDF: 3733552.1/37

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 : 34204718.5/19

Right Out: -0.115+/-0.000 χ^2/NDF : 2456843337.8/18

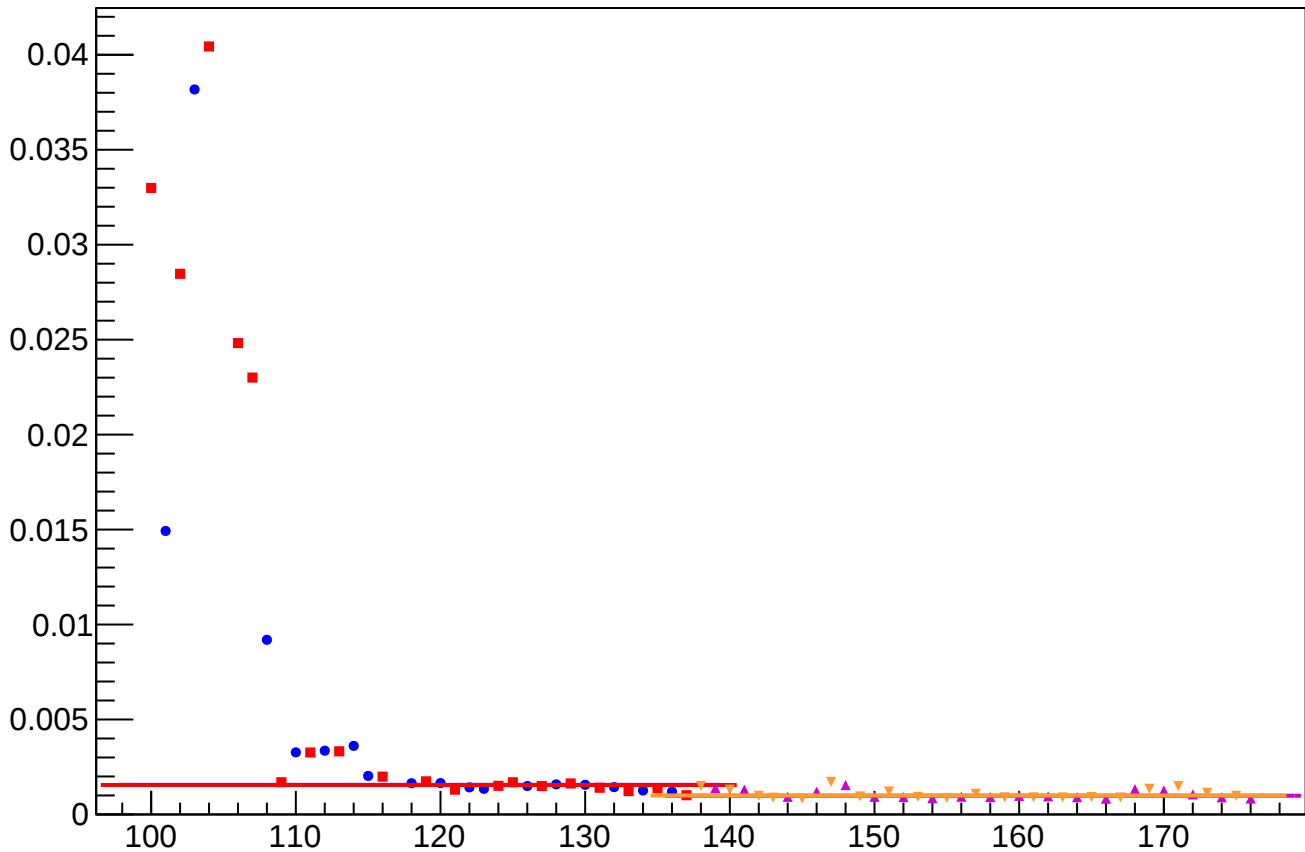
Left In: -0.121+/-0.000 χ^2/NDF : 34886922.8/18

+ sign -0.121+/-0.000 χ^2/NDF : 3966946162.5/36

All: -0.120+/-0.000 χ^2/NDF : 6509397910.8/7

- sign -0.120+/-0.000 χ^2/NDF : 2536531684.8/37

yield_cav4cY_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2901093.3/16

Left Out: 0.001 $\pm$ 0.000 χ^2 /NDF:1034463.2/19

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3539455.6/18

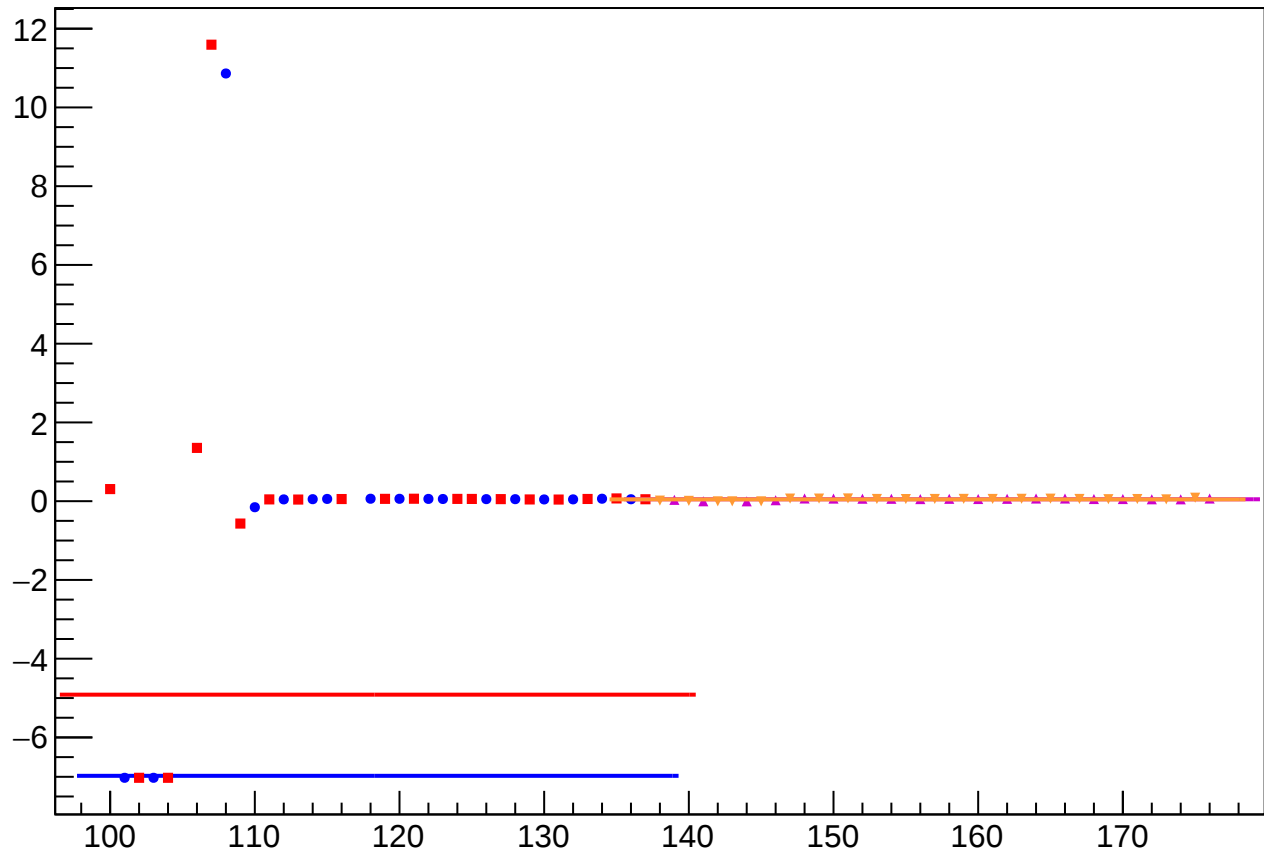
Left In: 0.001 $\pm$ 0.000 χ^2 /NDF:800175.4/18

+ sign 0.001 $\pm$ 0.000 χ^2 /NDF: 4965932.3/36

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 10373432.0/74

- sign 0.001 $\pm$ 0.000 χ^2 /NDF: 5405450.0/37

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2 /NDF: 8749579700722.8/16

Left Out: 0.046+/-0.000 χ^2 /NDF: 112657908.1/19

Right Out: -4.914+/-0.000 χ^2 /NDF: 365358092730279.9/18

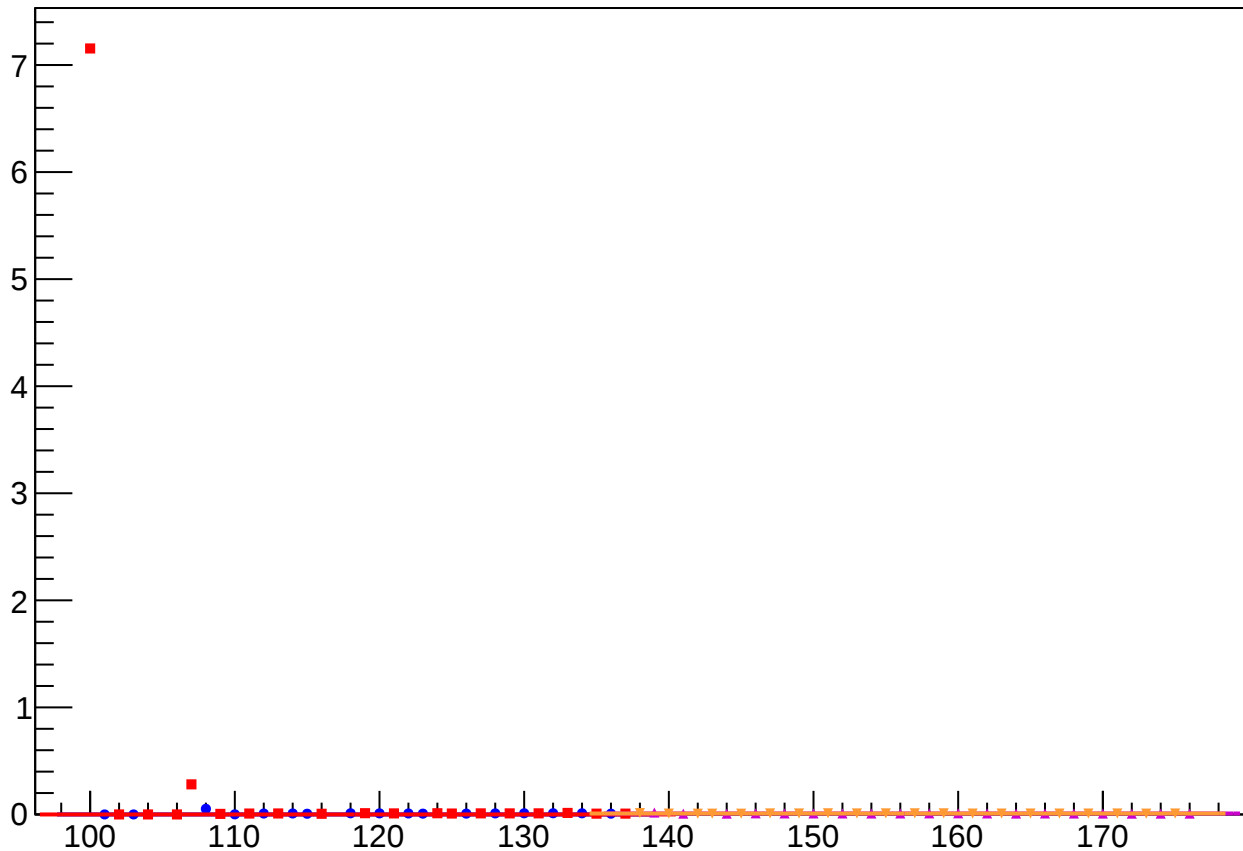
Left In: 0.048+/-0.000 χ^2 /NDF: 78148153.9/18

+ sign -6.933+/-0.000 χ^2 /NDF: 16298982074094.2/16

All: -5.866+/-0.000 χ^2 /NDF: 4409528702201.0/16

- sign -4.887+/-0.000 χ^2 /NDF: 368998580779872.8/16

yield_cav4dX_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 8242728.7/16

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 453164.1/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 8775982.6/18

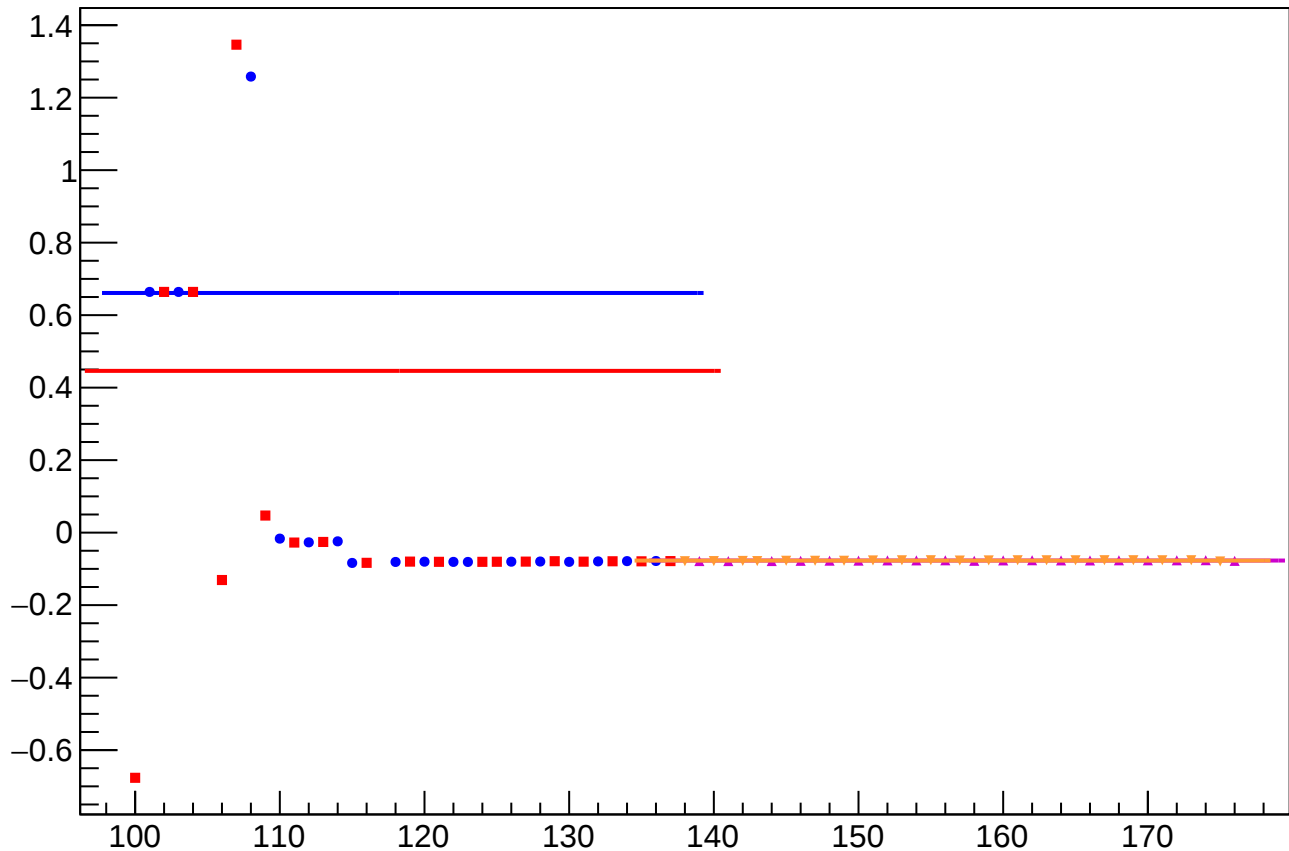
Left In: 0.009 $\pm$ 0.000 χ^2/NDF : 625011.5/18

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 31770120.6/36

All: 0.000 $\pm$ 0.000 χ^2/NDF : 63872457.4/74

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 32100239.4/37

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 : 51014230.7/19

Right Out: 0.446+/-0.000 χ^2/NDF : 405416924315199.0/18

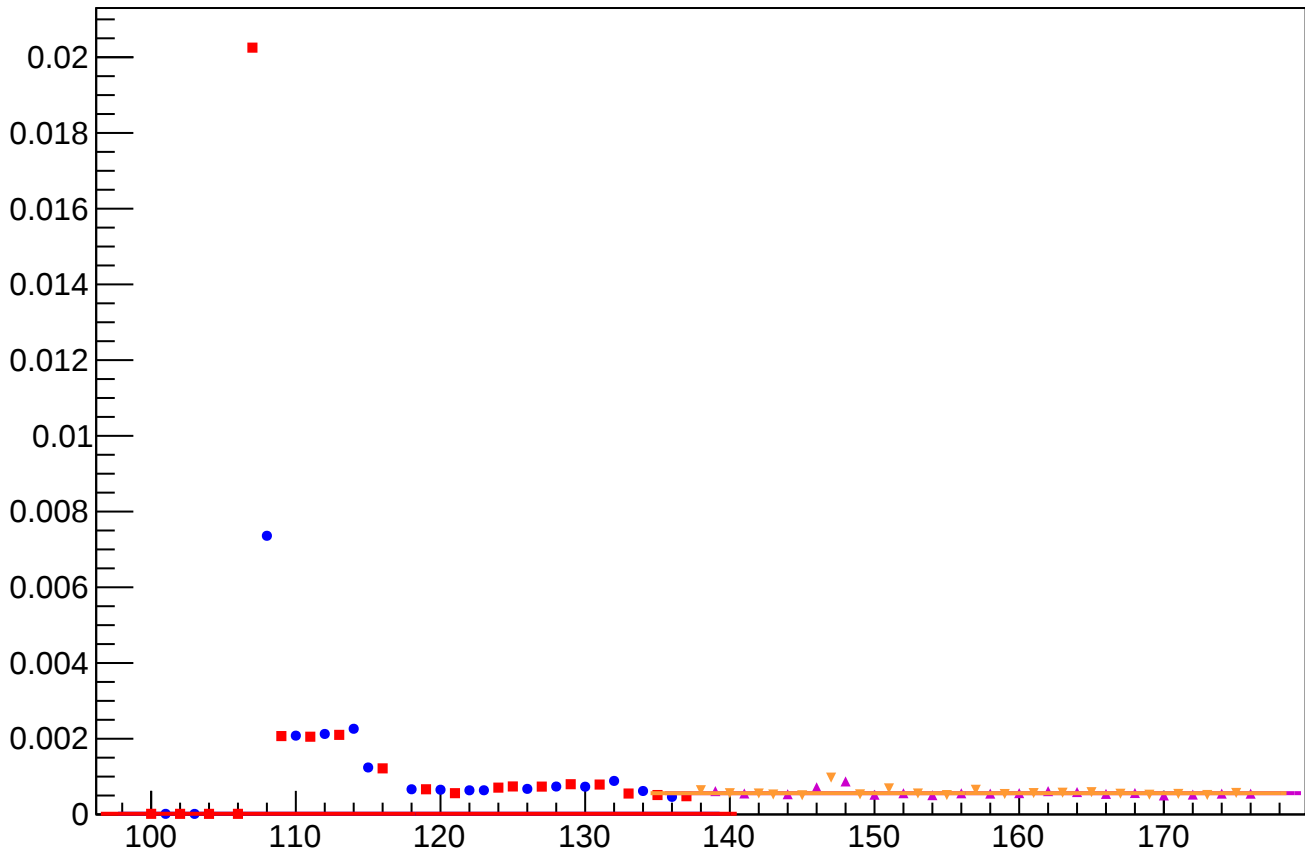
Left In: -0.077+/-0.000 χ^2/NDF : 28892196.8/18

+ sign 0.649+/-0.000 χ^2/NDF : 29901313402493.9/3

All: 0.539+/-0.000 χ^2/NDF : 50861498867475

- sign 0.438+/-0.000 χ^2/NDF : 417440848036911.9/3

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 : 439819.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 9480848.1/18

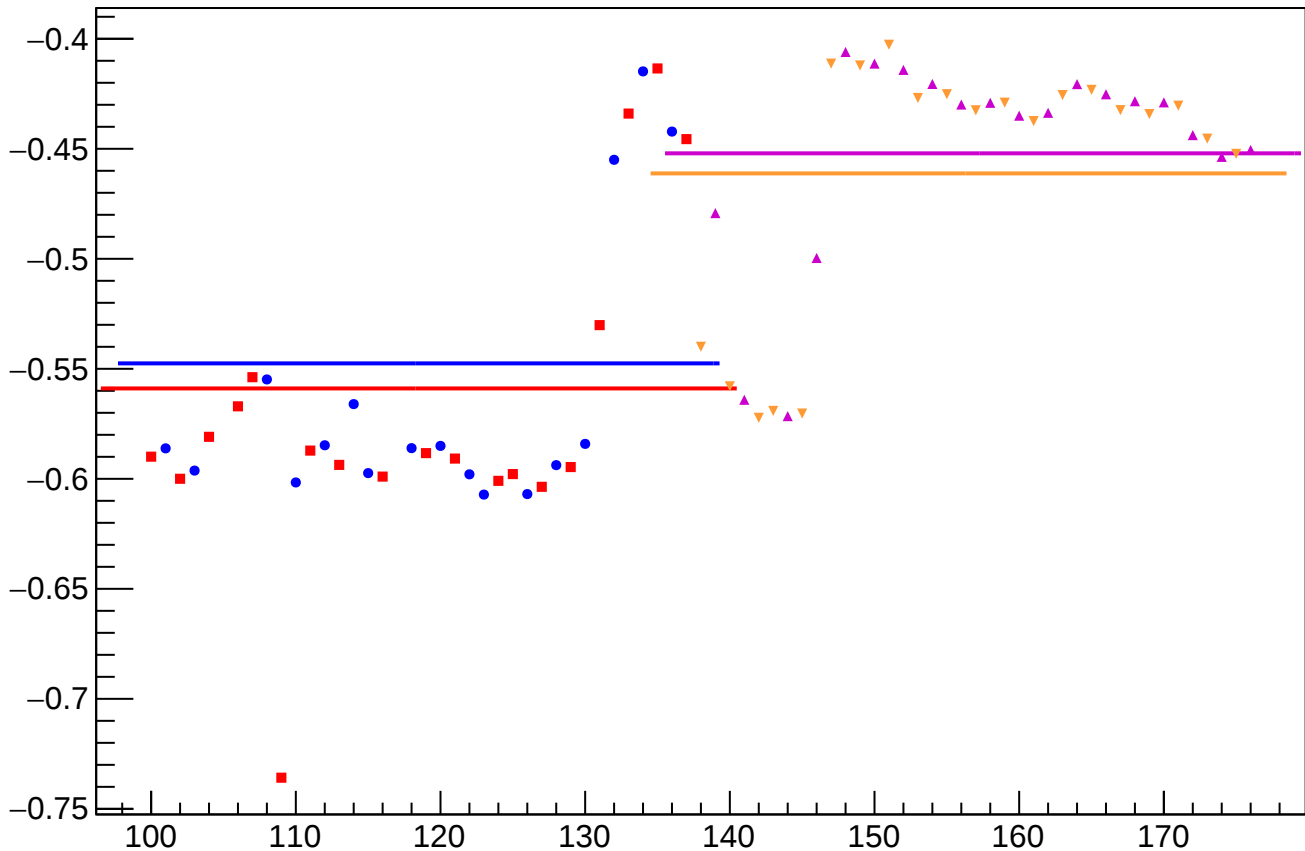
Left In: 0.001+/-0.000 χ^2/NDF : 353184.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 36633857.0/36

All: 0.000+/-0.000 χ^2/NDF : 72459302.2/74

- sign 0.000+/-0.000 χ^2/NDF : 35822823.5/37

yield_bpm4aX_mean vs Slug



Right In: -0.548 ± 0.000 χ^2/NDF : 48545285.9/16

Left Out: -0.461 ± 0.000 χ^2/NDF : 106695279.8/19

Right Out: -0.559 ± 0.000 χ^2/NDF : 65330923.3/18

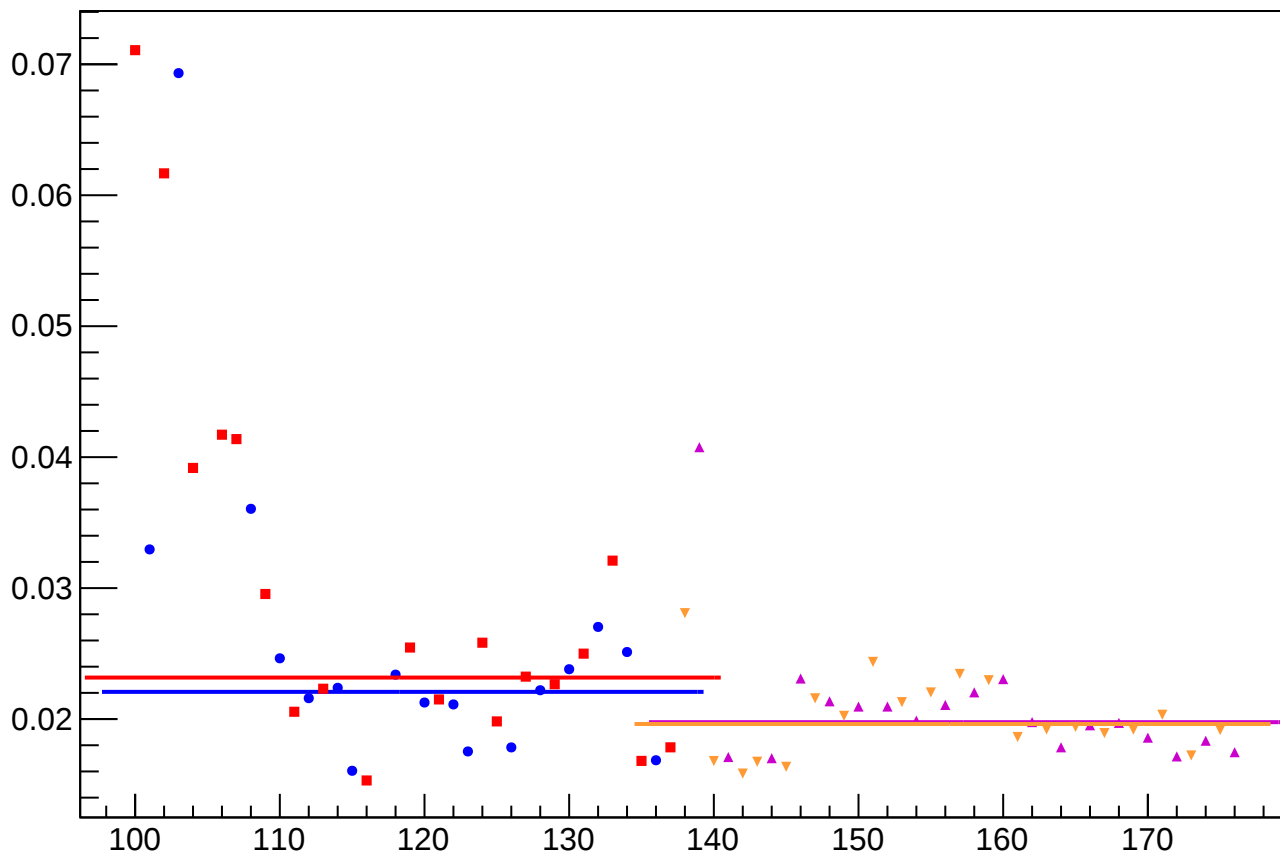
Left In: -0.452 ± 0.000 χ^2/NDF : 75258619.6/18

+ sign -0.483 ± 0.000 χ^2/NDF : 213215435.0/36

All: -0.481 ± 0.000 χ^2/NDF : 439461494.7/74

- sign -0.478 ± 0.000 χ^2/NDF : 225875785.5/37

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:424890.8/19

Right Out: 0.023 $\pm$ 0.000 χ^2 /NDF: 1156758.3/18

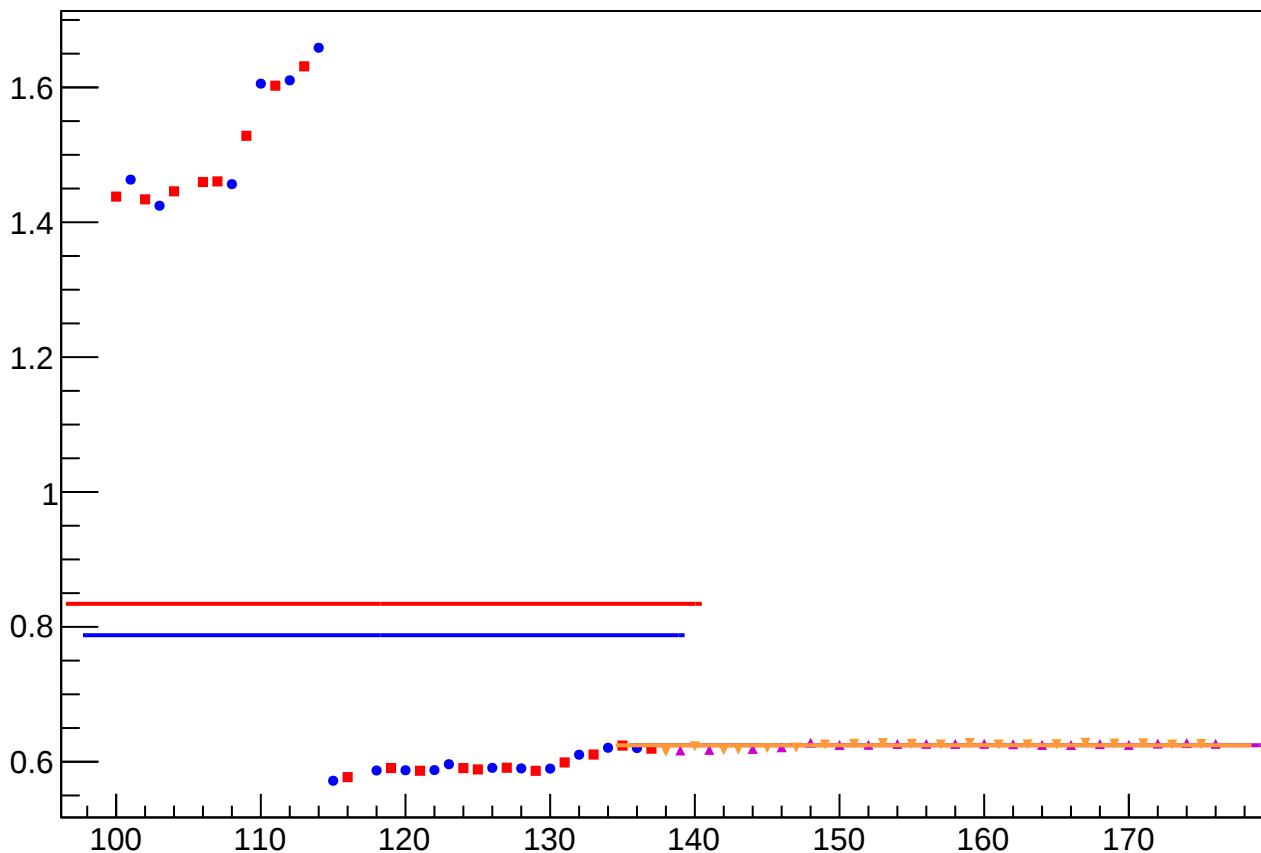
Left In: 0.020 $\pm$ 0.000 χ^2 /NDF:605012.4/18

+ sign 0.020 $\pm$ 0.000 χ^2 /NDF: 1473339.4/36

All: 0.020 $\pm$ 0.000 χ^2 /NDF: 3413977.8/74

- sign 0.021 $\pm$ 0.000 χ^2 /NDF: 1935061.6/37

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: 1258088.1/19

Right Out: 0.834 $\pm$ 0.000 χ^2 /NDF: 4152115639.4/18

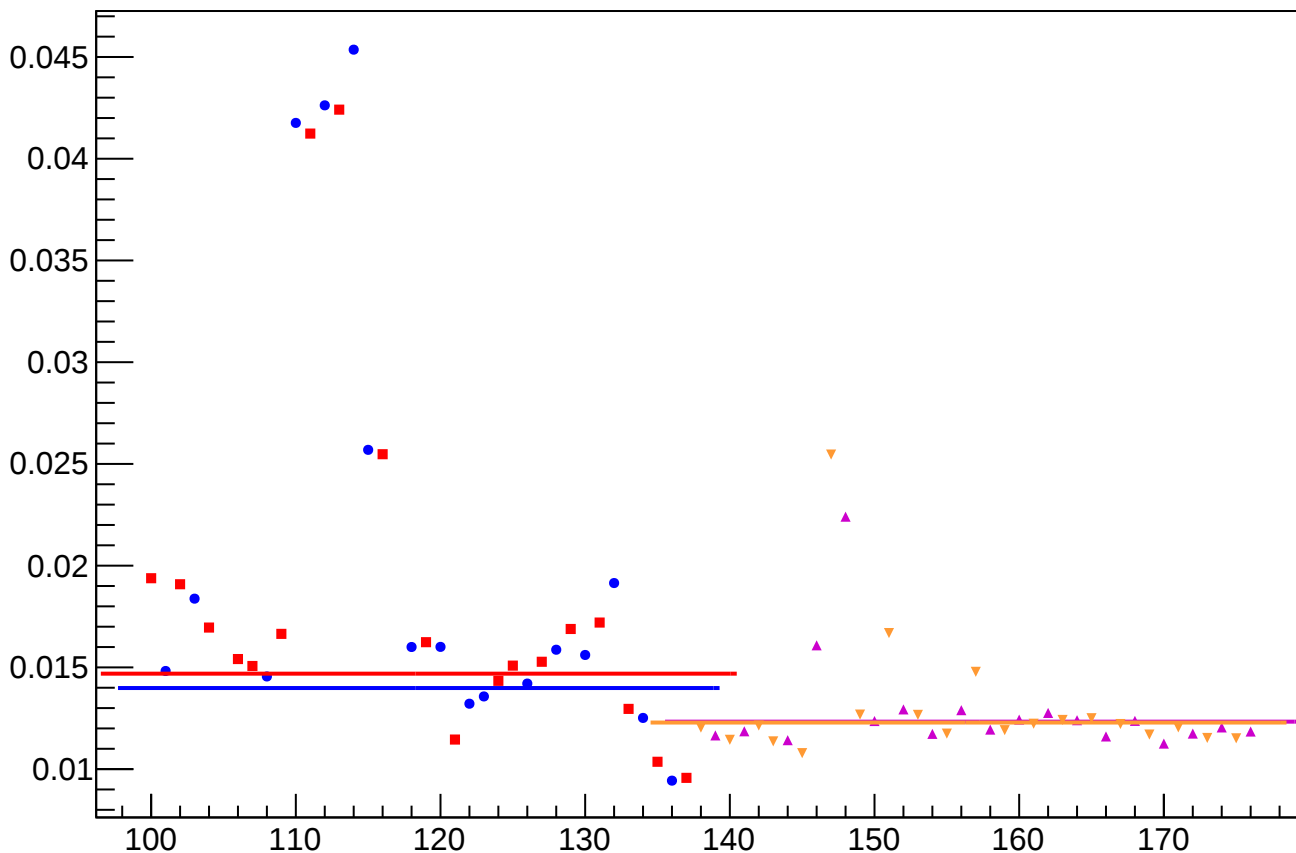
Left In: 0.624 $\pm$ 0.000 χ^2 /NDF: 1049770.3/18

+ sign 0.662 $\pm$ 0.000 χ^2 /NDF: 4169926249.7/36

All: 0.667 $\pm$ 0.000 χ^2 /NDF: 9272184588.3/74

- sign 0.673 $\pm$ 0.000 χ^2 /NDF: 5095712018.3/37

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: 612552.6/19

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1258511.3/18

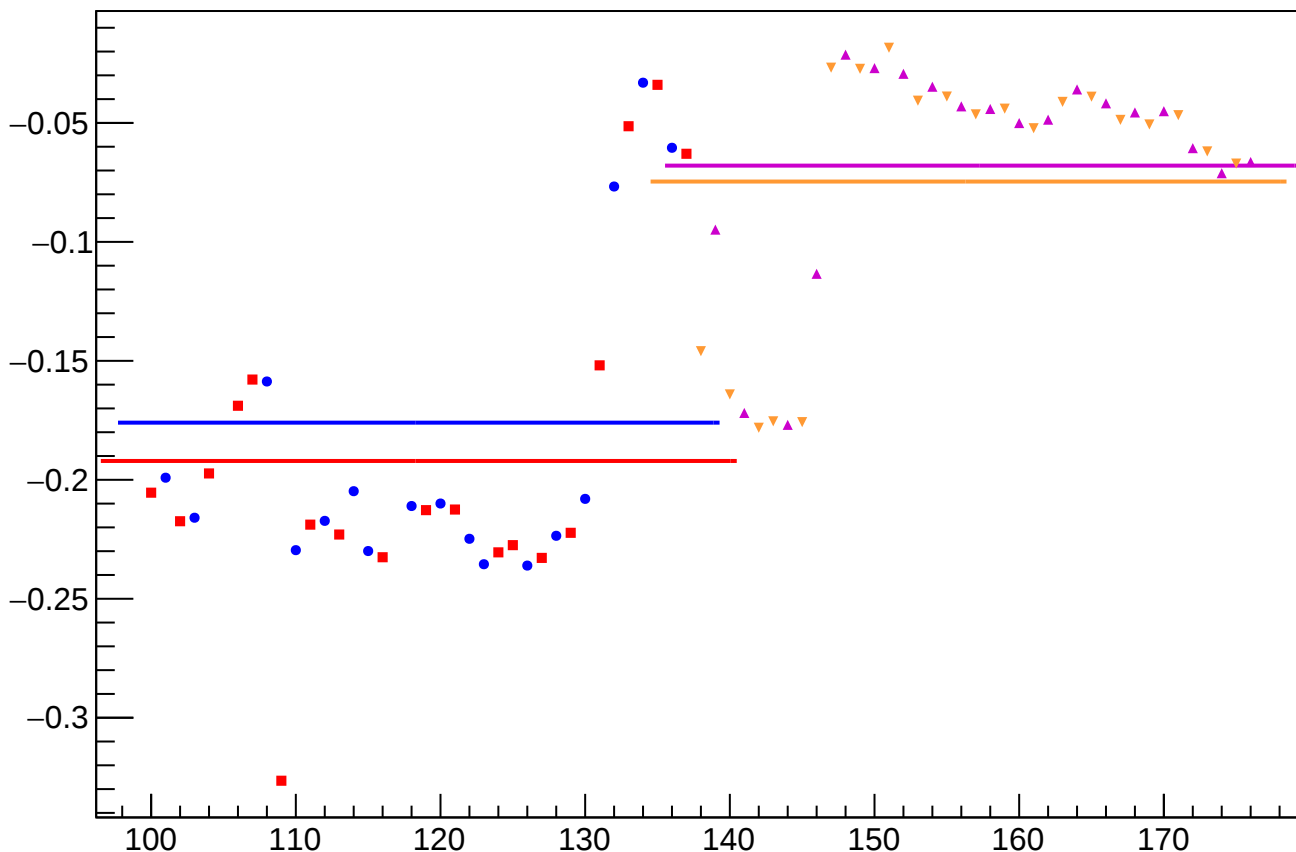
Left In: 0.012 $\pm$ 0.000 χ^2 /NDF: 444084.0/18

+ sign 0.013 $\pm$ 0.000 χ^2 /NDF: 2137954.7/36

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 4083480.1/74

- sign 0.013 $\pm$ 0.000 χ^2 /NDF: 1941016.5/37

yield_bpm4eX_mean vs Slug



Right In: -0.176+/-0.000 χ^2 /NDF: 70121069.1/16

Left Out: -0.075+/-0.000 χ^2 /NDF: 101496890.9/19

Right Out: -0.192+/-0.000 χ^2 /NDF: 83253954.4/18

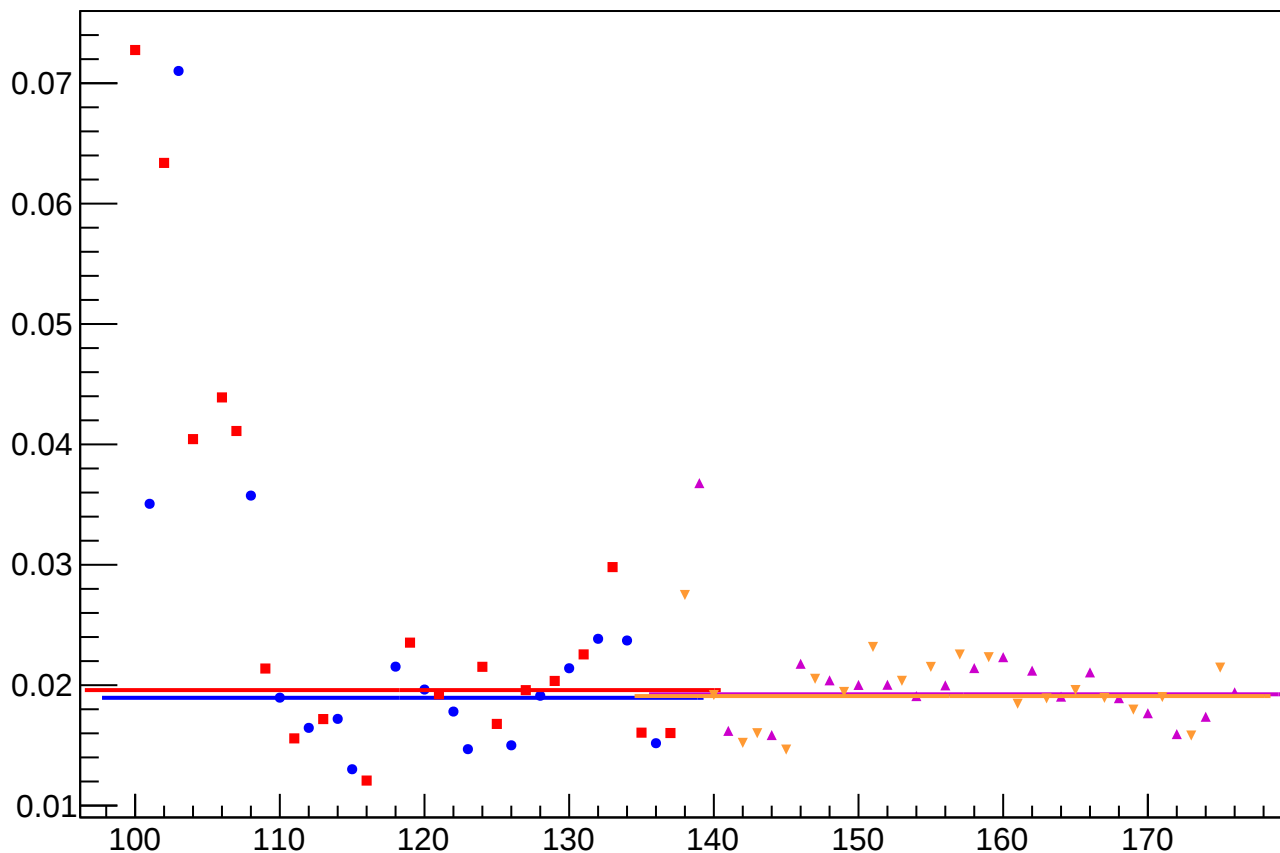
Left In: -0.068+/-0.000 χ^2 /NDF: 75641970.5/18

+ sign -0.104+/-0.000 χ^2 /NDF: 271805617.9/36

All: -0.104+/-0.000 χ^2 /NDF: 577520372.1/74

- sign -0.104+/-0.000 χ^2 /NDF: 305712918.9/37

yield_bpm4eX_rms vs Slug



Right In: 0.019 $\pm$ 0.000 χ^2 /NDF: 1203275.7/16

Left Out: 0.019 $\pm$ 0.000 χ^2 /NDF: 495136.4/19

Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 1455327.3/18

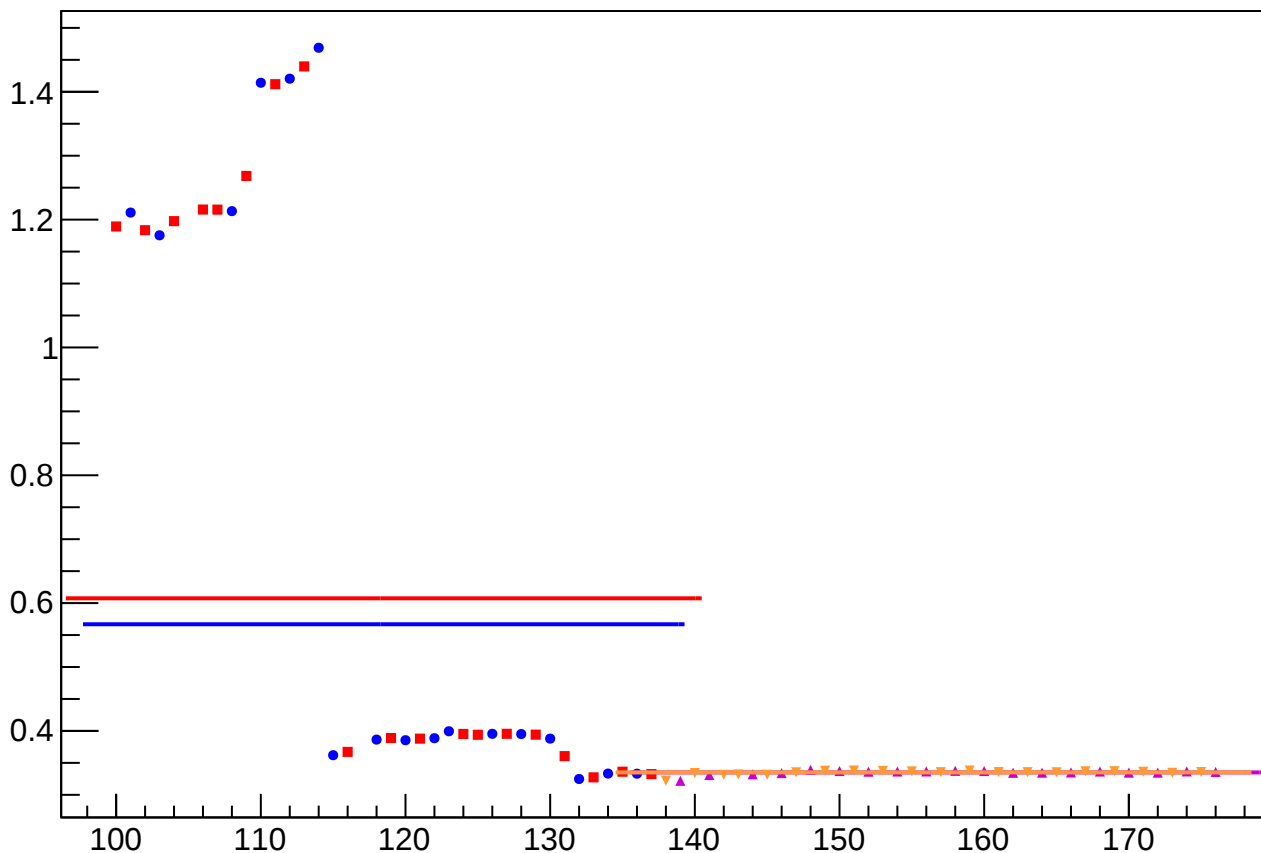
Left In: 0.019 $\pm$ 0.000 χ^2 /NDF: 588389.5/18

+ sign 0.019 $\pm$ 0.000 χ^2 /NDF: 1698814.4/36

All: 0.019 $\pm$ 0.000 χ^2 /NDF: 3748819.0/74

- sign 0.019 $\pm$ 0.000 χ^2 /NDF: 2046039.2/37

yield_bpm4eY_mean vs Slug



Right In: 0.567 $\pm$ 0.000 χ^2 /NDF: 5016913731.3/16

Left Out: 0.335 $\pm$ 0.000 χ^2 /NDF:1135647.2/19

Right Out: 0.607 $\pm$ 0.000 χ^2 /NDF: 5505226431.3/18

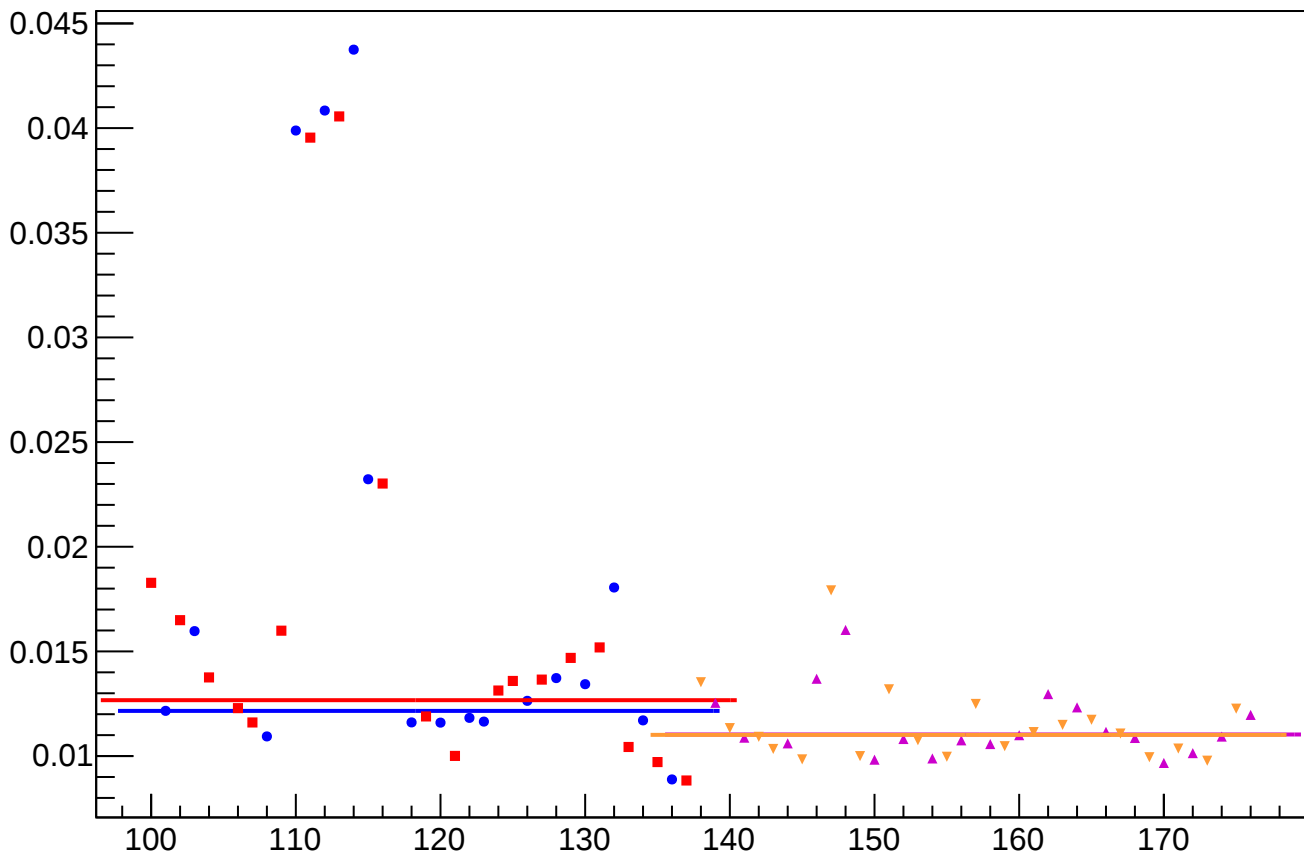
Left In: 0.335 $\pm$ 0.000 χ^2 /NDF:1191216.8/18

+ sign 0.391 $\pm$ 0.000 χ^2 /NDF: 6558531451.1/36

All: 0.396 $\pm$ 0.000 χ^2 /NDF: 14137370055.4/7

- sign 0.401 $\pm$ 0.000 χ^2 /NDF: 7572420219.4/37

yield_bpm4eY_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1307948.2/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF:468663.1/19

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1267219.4/18

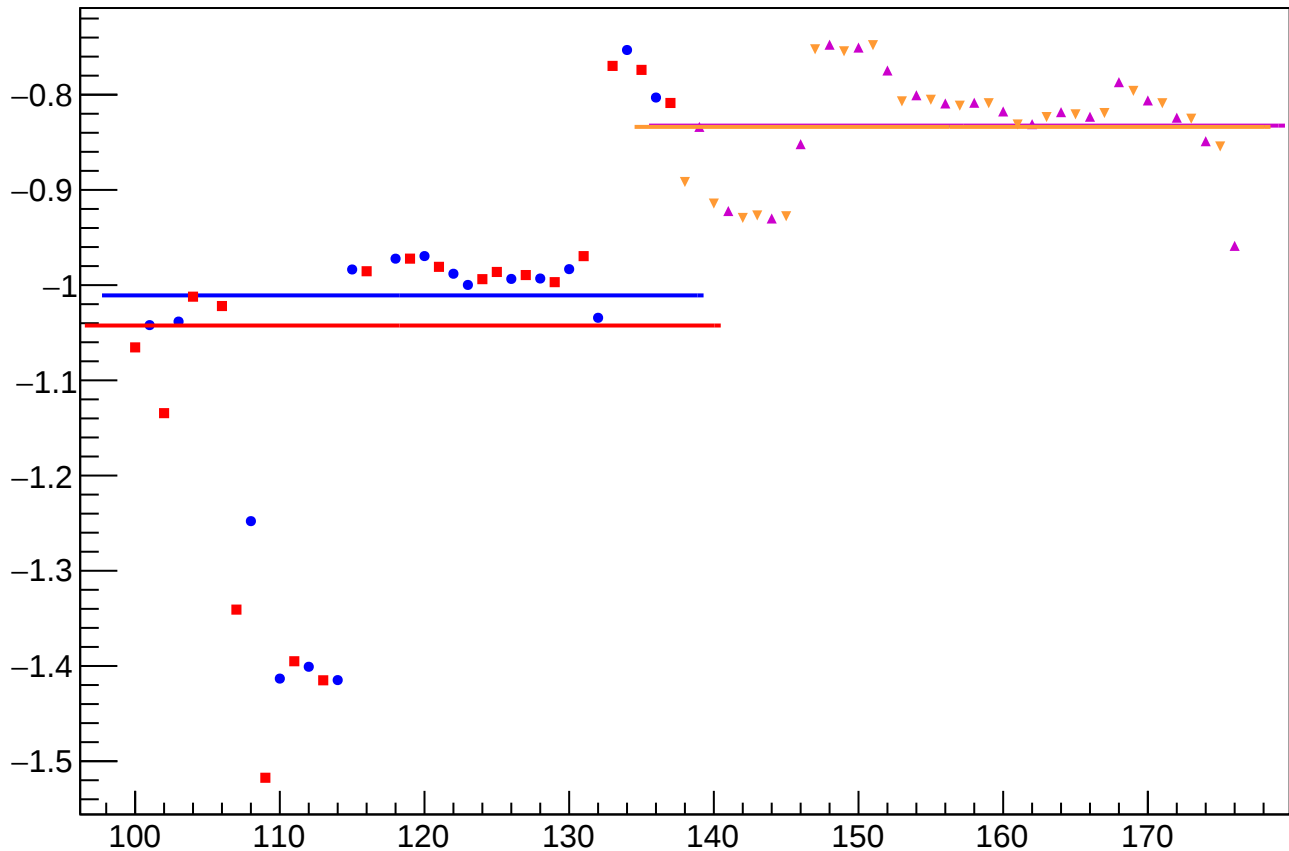
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:377296.4/18

+ sign 0.011 $\pm$ 0.000 χ^2 /NDF: 1851784.7/36

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 3648547.5/74

- sign 0.011 $\pm$ 0.000 χ^2 /NDF: 1794003.7/37

yield_bpm4acX_mean vs Slug



Right In: -1.011+/-0.000 χ^2/NDF : 387140230.3/16

Left Out: -0.834+/-0.000 χ^2/NDF : 98622685.0/19

Right Out: -1.042+/-0.000 χ^2/NDF : 528958824.5/18

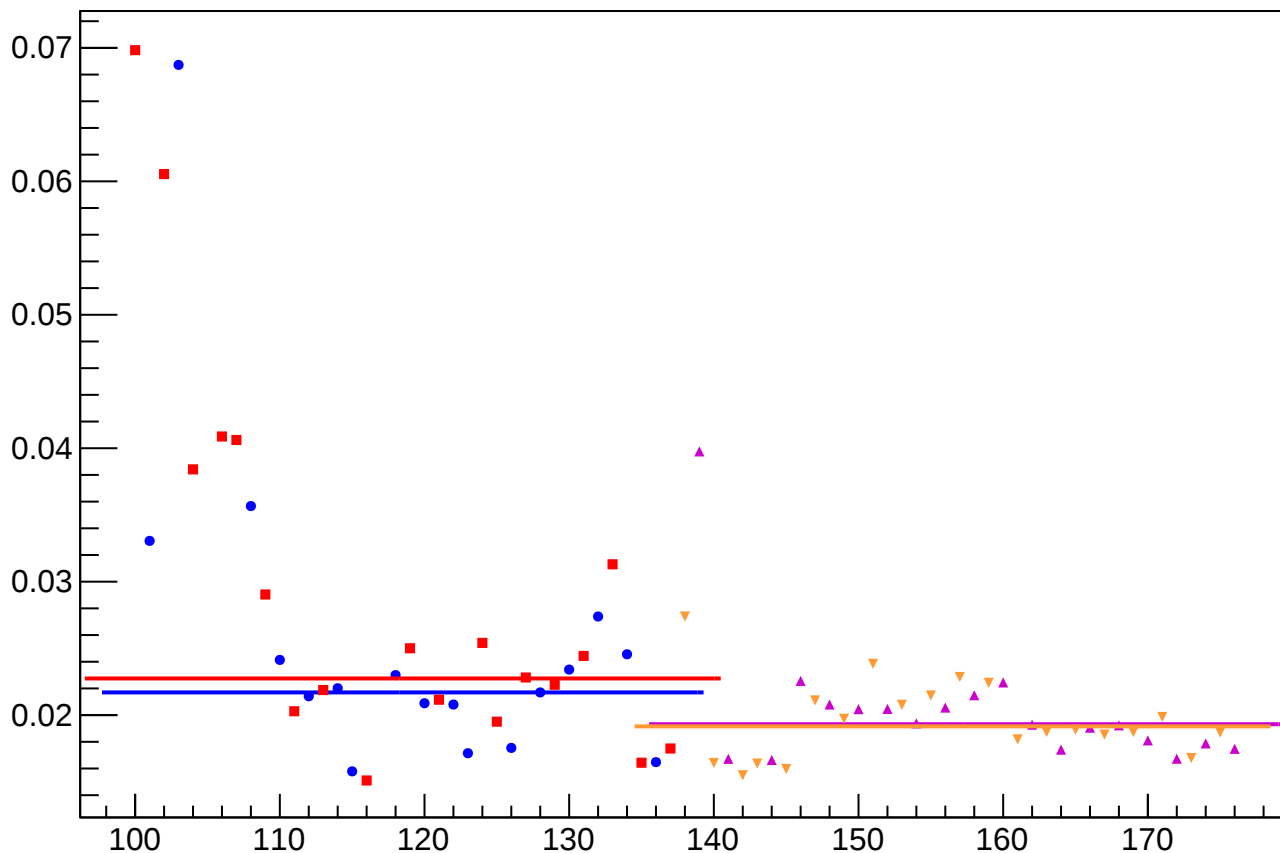
Left In: -0.832+/-0.000 χ^2/NDF : 107809643.7/18

+ sign -0.877+/-0.000 χ^2/NDF : 738365779.4/36

All: -0.880+/-0.000 χ^2/NDF : 1717748269.7/77

- sign -0.884+/-0.000 χ^2/NDF : 978483806.6/37

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: 423478.3/19

Right Out: 0.023 $\pm$ 0.000 χ^2 /NDF: 1152332.6/18

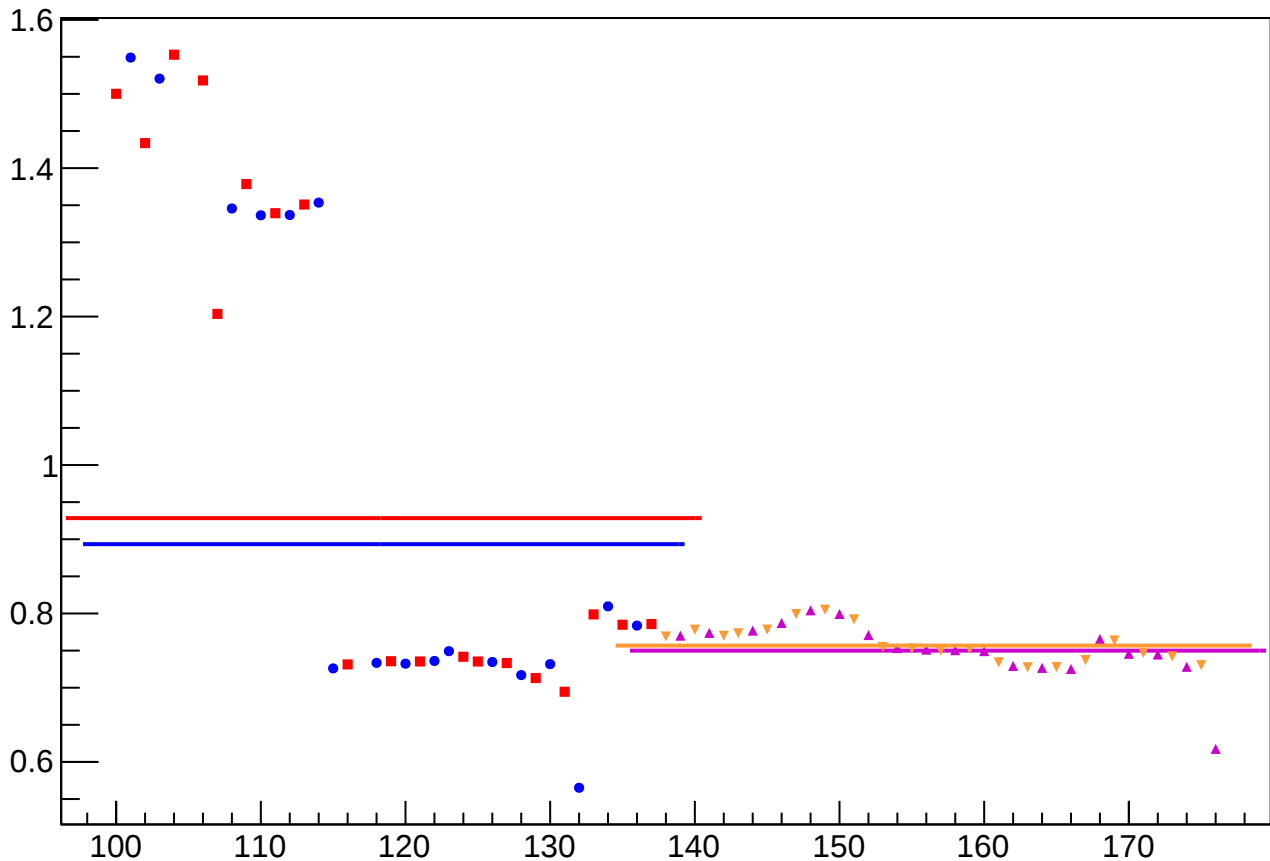
Left In: 0.019 $\pm$ 0.000 χ^2 /NDF: 594839.4/18

+ sign 0.020 $\pm$ 0.000 χ^2 /NDF: 1507156.0/36

All: 0.020 $\pm$ 0.000 χ^2 /NDF: 3442562.0/74

- sign 0.020 $\pm$ 0.000 χ^2 /NDF: 1929403.4/37

yield_bpm4acY_mean vs Slug



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.757+/-0.000 χ^2/NDF : 43553940.8/19

Right Out: 0.928+/-0.000 χ^2/NDF : 2435640156.0/18

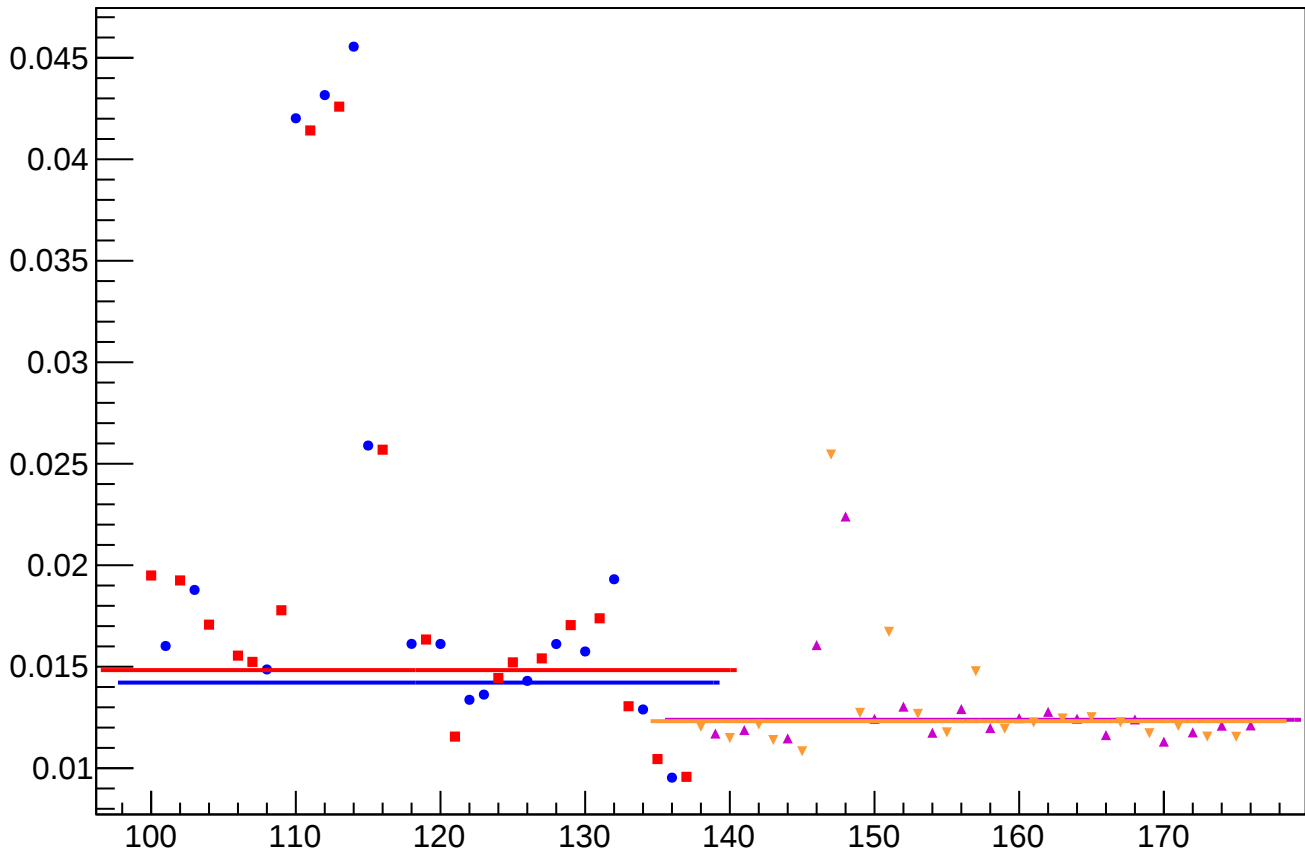
Left In: 0.750+/-0.000 χ^2/NDF : 128454656.3/18

+ sign 0.788+/-0.000 χ^2/NDF : 2850977661.3/36

All: 0.789+/-0.000 χ^2/NDF : 6085117183.8/74

- sign 0.791+/-0.000 χ^2/NDF : 3233636502.1/37

yield_bpm4acY_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1409594.2/16

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 607777.6/19

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1269559.2/18

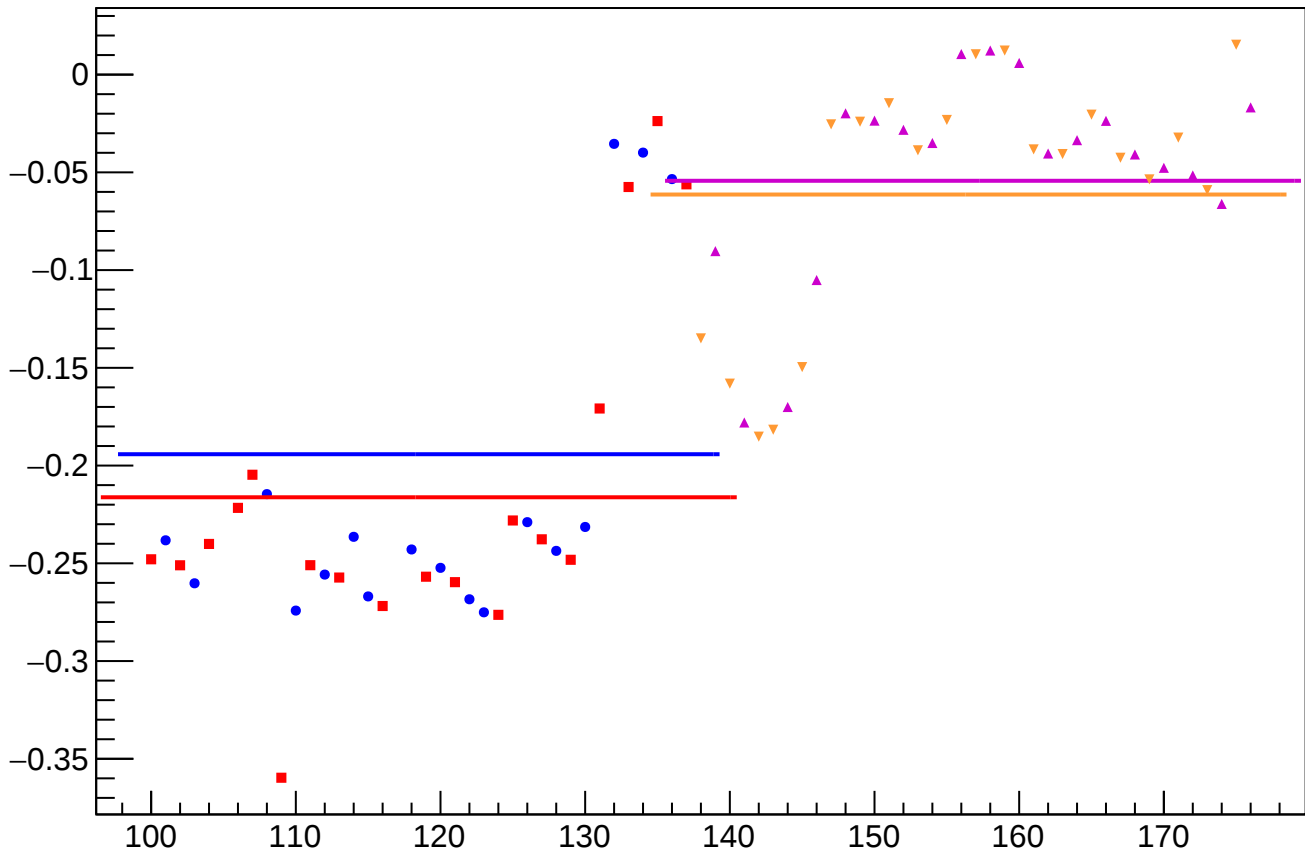
Left In: 0.012 $\pm$ 0.000 χ^2 /NDF: 437661.2/18

+ sign 0.013 $\pm$ 0.000 χ^2 /NDF: 2171867.4/36

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 4135301.9/74

- sign 0.013 $\pm$ 0.000 χ^2 /NDF: 1958874.6/37

yield_bpm4ecX_mean vs Slug



Right In: -0.194+/-0.000 χ^2/NDF : 108425823.4/16

Left Out: -0.061+/-0.000 χ^2/NDF : 126441670.9/19

Right Out: -0.216+/-0.000 χ^2/NDF : 111036295.0/18

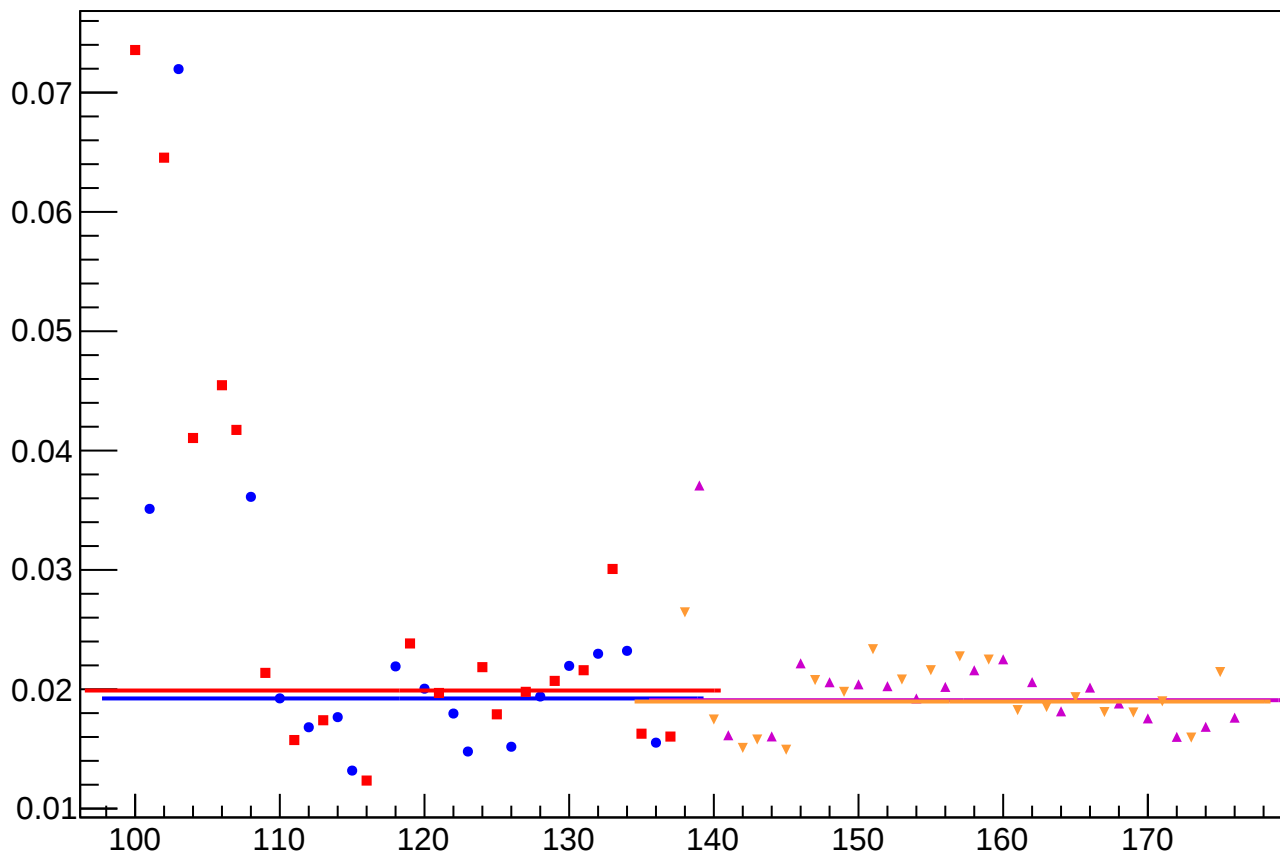
Left In: -0.054+/-0.000 χ^2/NDF : 100637484.5/18

+ sign -0.099+/-0.000 χ^2/NDF : 403931337.8/36

All: -0.100+/-0.000 χ^2/NDF : 860311166.8/74

- sign -0.101+/-0.000 χ^2/NDF : 456335292.7/37

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:492316.6/19

Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 1444442.2/18

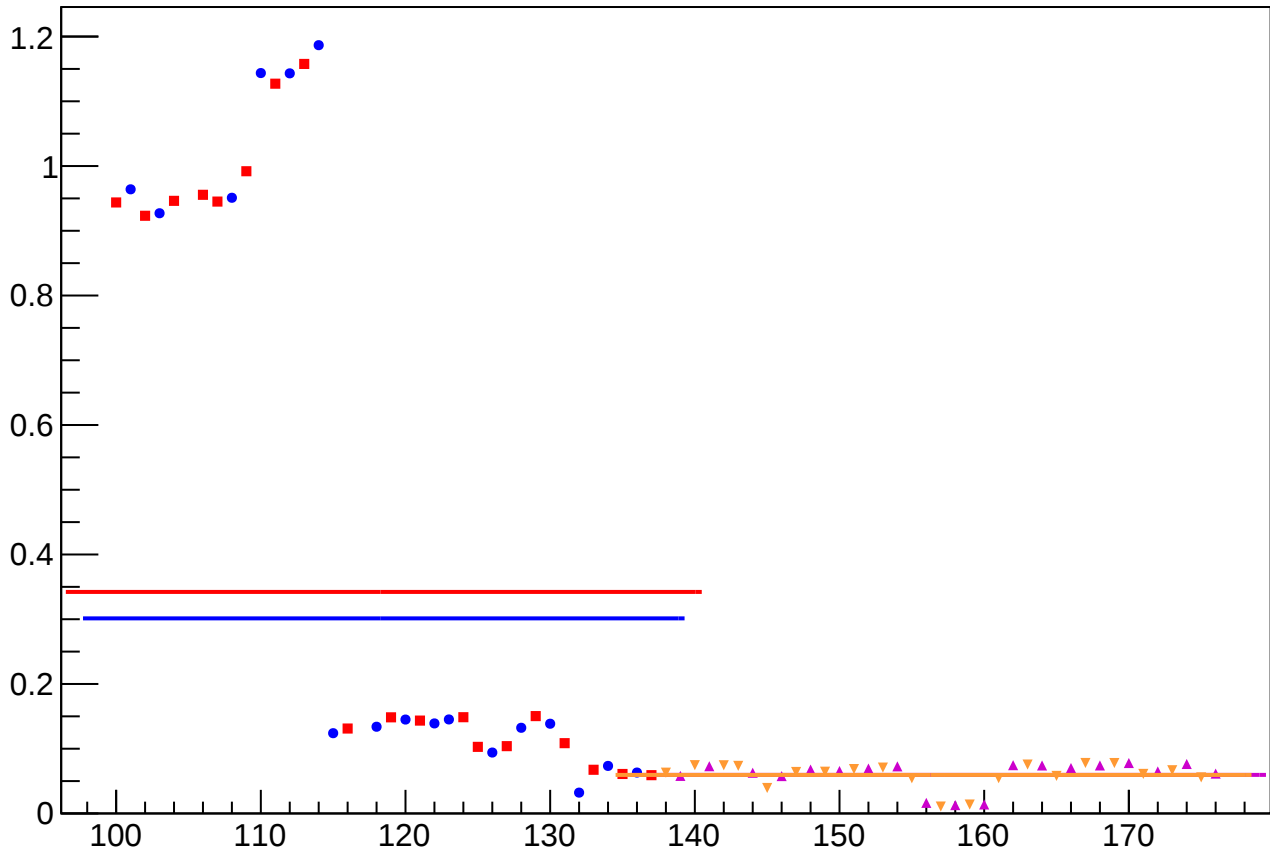
Left In: 0.019 $\pm$ 0.000 χ^2 /NDF:616110.8/18

+ sign 0.019 $\pm$ 0.000 χ^2 /NDF: 1668162.7/36

All: 0.019 $\pm$ 0.000 χ^2 /NDF: 3744383.0/74

- sign 0.019 $\pm$ 0.000 χ^2 /NDF: 2072829.3/37

yield_bpm4ecY_mean vs Slug



Right In: 0.301+/-0.000 χ^2/NDF : 5154791073.8/16

Left Out: 0.060+/-0.000 χ^2/NDF : 44001543.3/19

+ sign 0.117+/-0.000 χ^2/NDF : 6909428224.4/36

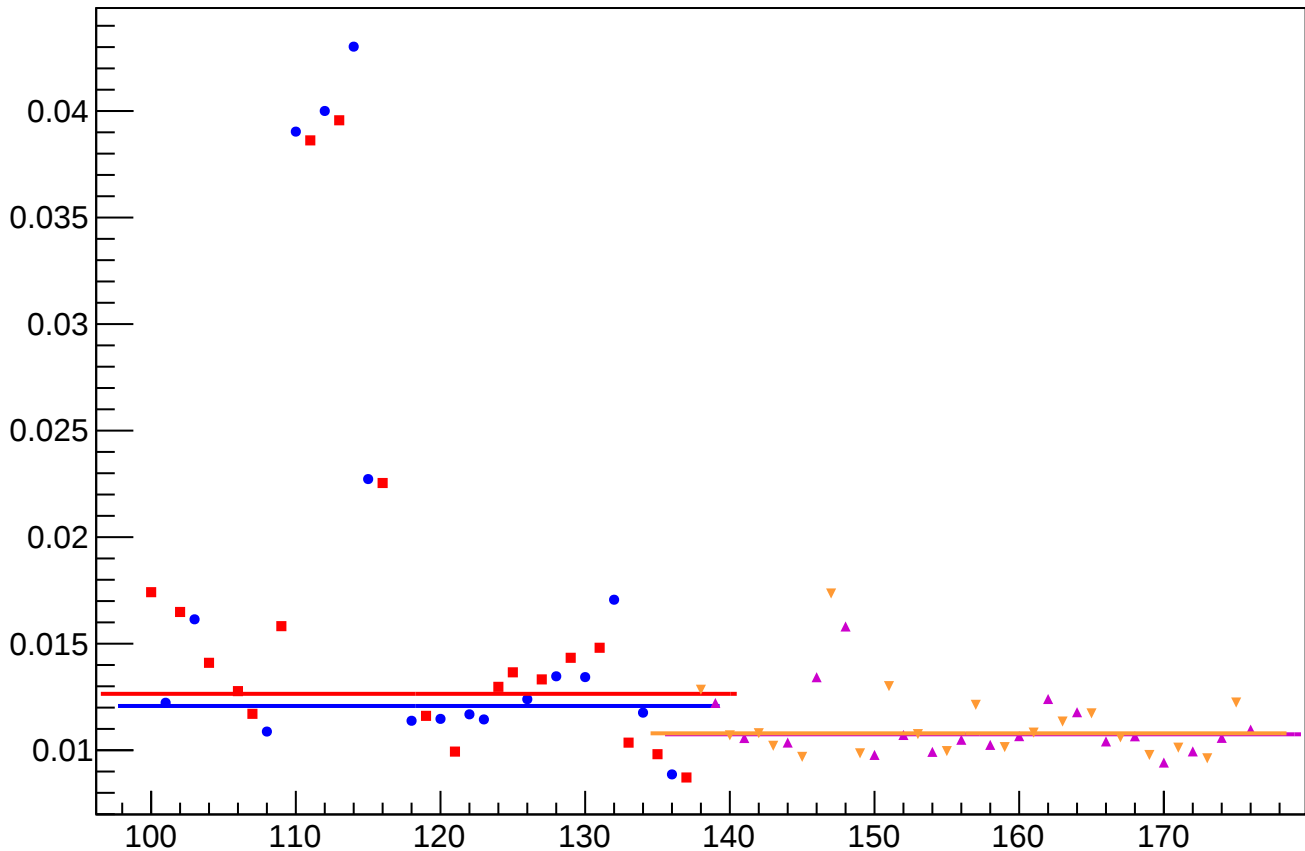
Right Out: 0.342+/-0.000 χ^2/NDF : 5442717599.3/18

All: 0.121+/-0.000 χ^2/NDF : 14671453007.0/37

Left In: 0.060+/-0.000 χ^2/NDF : 57327505.2/18

- sign 0.125+/-0.000 χ^2/NDF : 7757115669.1/37

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:443046.1/19

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1236084.9/18

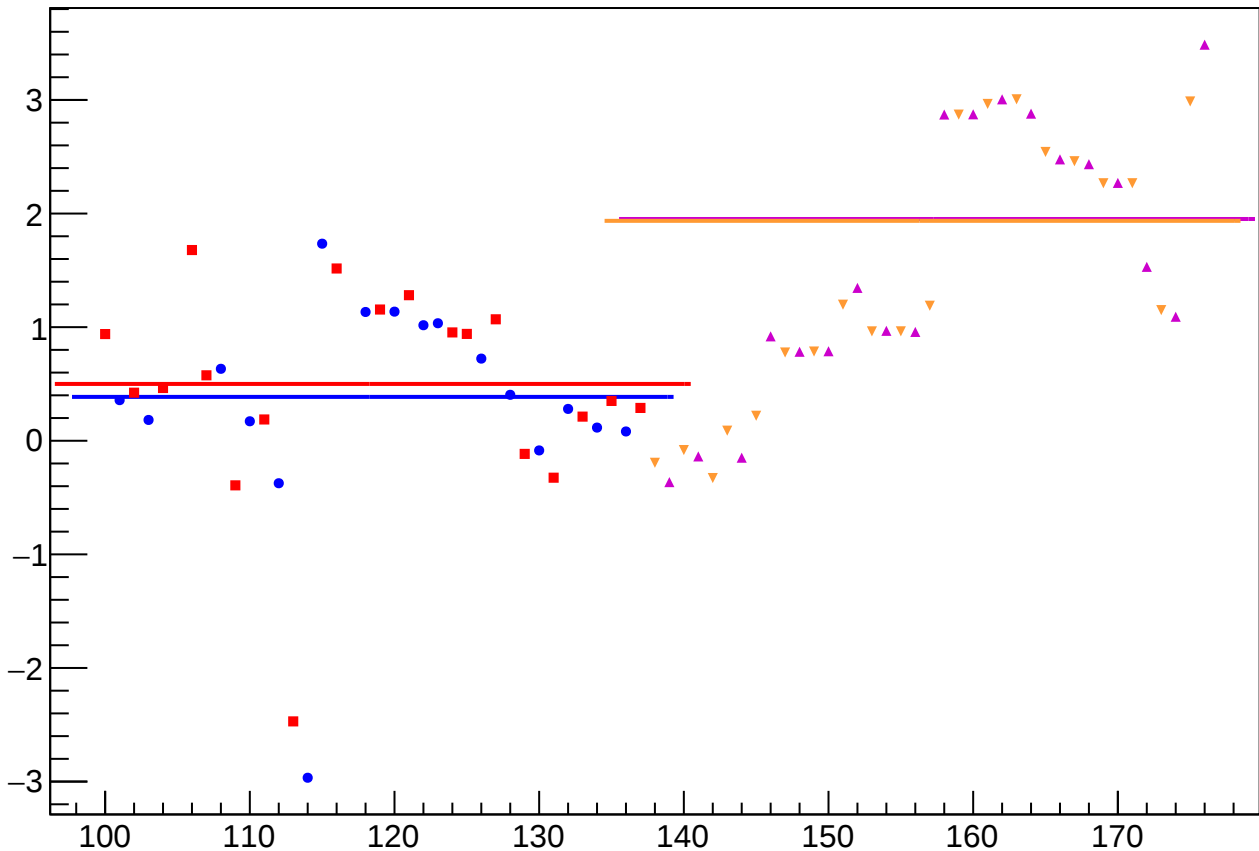
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:350079.8/18

+ sign 0.011 $\pm$ 0.000 χ^2 /NDF: 1819811.3/36

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 3611164.6/74

- sign 0.011 $\pm$ 0.000 χ^2 /NDF: 1790113.6/37

yield_bpm1X_mean vs Slug



Right In: 0.386+/-0.000 χ^2/NDF : 246380221.7/16

Left Out: 1.936+/-0.000 χ^2/NDF :31937630706.6/19

Right Out: 0.500+/-0.000 χ^2/NDF : 983386658.7/18

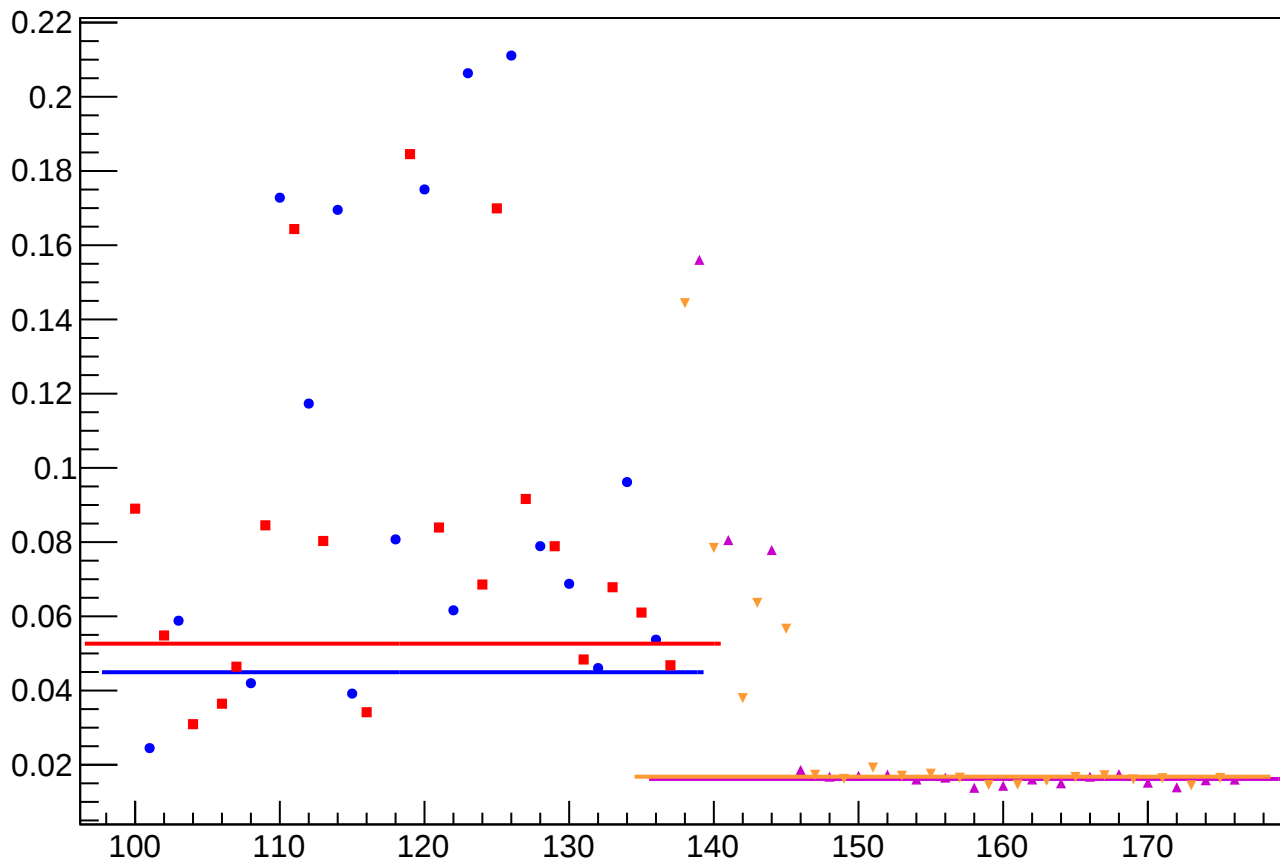
Left In: 1.952+/-0.000 χ^2/NDF :36723452937.5/18

+ sign 1.870+/-0.000 χ^2/NDF : 36202052428.6/36

All: 1.887+/-0.000 χ^2/NDF : 76962938712.6/7

- sign 1.903+/-0.000 χ^2/NDF : 40737975868.6/37

yield_bpm1X_rms vs Slug



Right In: 0.045 $\pm$ 0.000 χ^2 /NDF: 2788348.6/16

Left Out: 0.017 $\pm$ 0.000 χ^2 /NDF:2778743.1/19

Right Out: 0.053 $\pm$ 0.000 χ^2 /NDF: 2191752.0/18

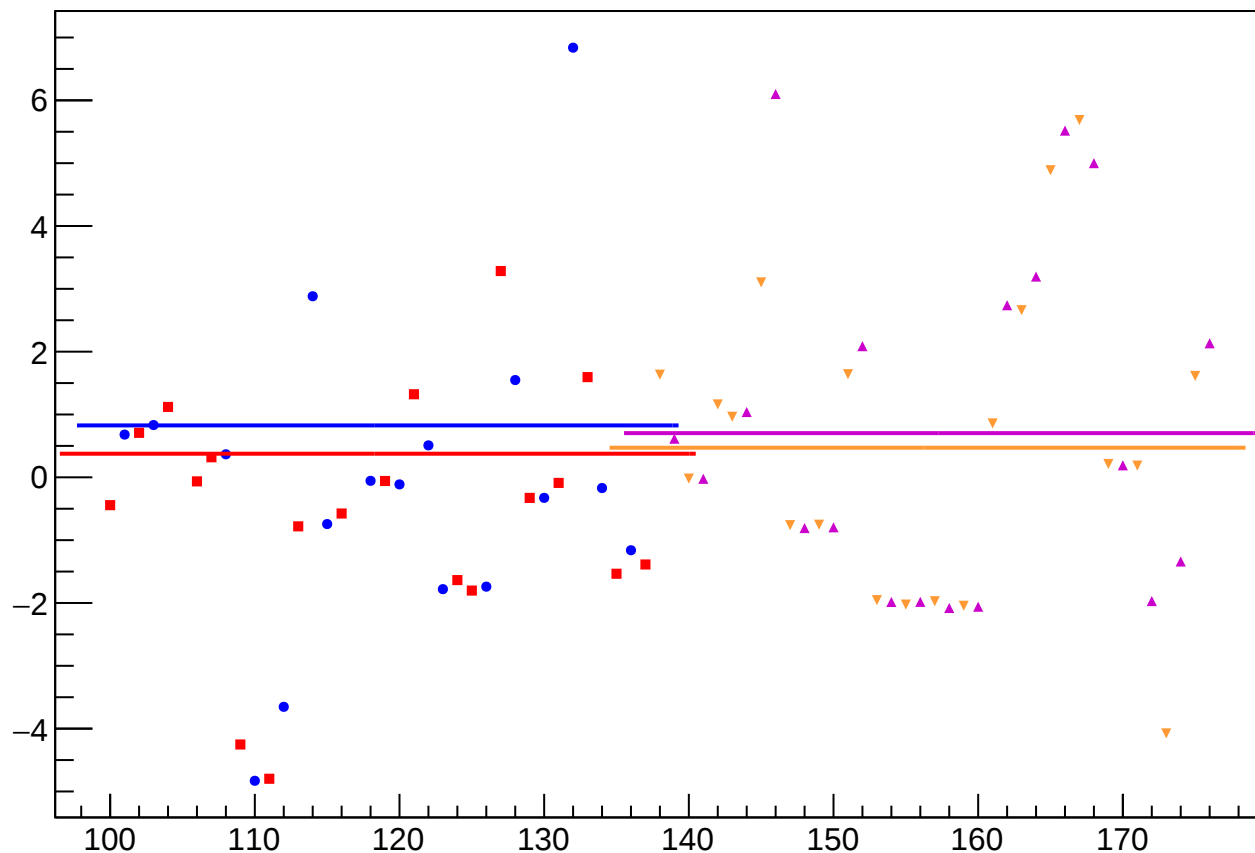
Left In: 0.016 $\pm$ 0.000 χ^2 /NDF:2450895.2/18

+ sign 0.018 $\pm$ 0.000 χ^2 /NDF: 8218687.5/36

All: 0.018 $\pm$ 0.000 χ^2 /NDF: 16695729.9/74

- sign 0.017 $\pm$ 0.000 χ^2 /NDF: 8463445.8/37

yield_bpm1Y_mean vs Slug



Right In: 0.826 ± 0.000 $\chi^2/\text{NDF}: 10945455664.9/16$

Left Out: 0.471 ± 0.000 $\chi^2/\text{NDF}: 474627659904.9/19$

Right Out: 0.376 ± 0.000 $\chi^2/\text{NDF}: 4947158634.2/18$

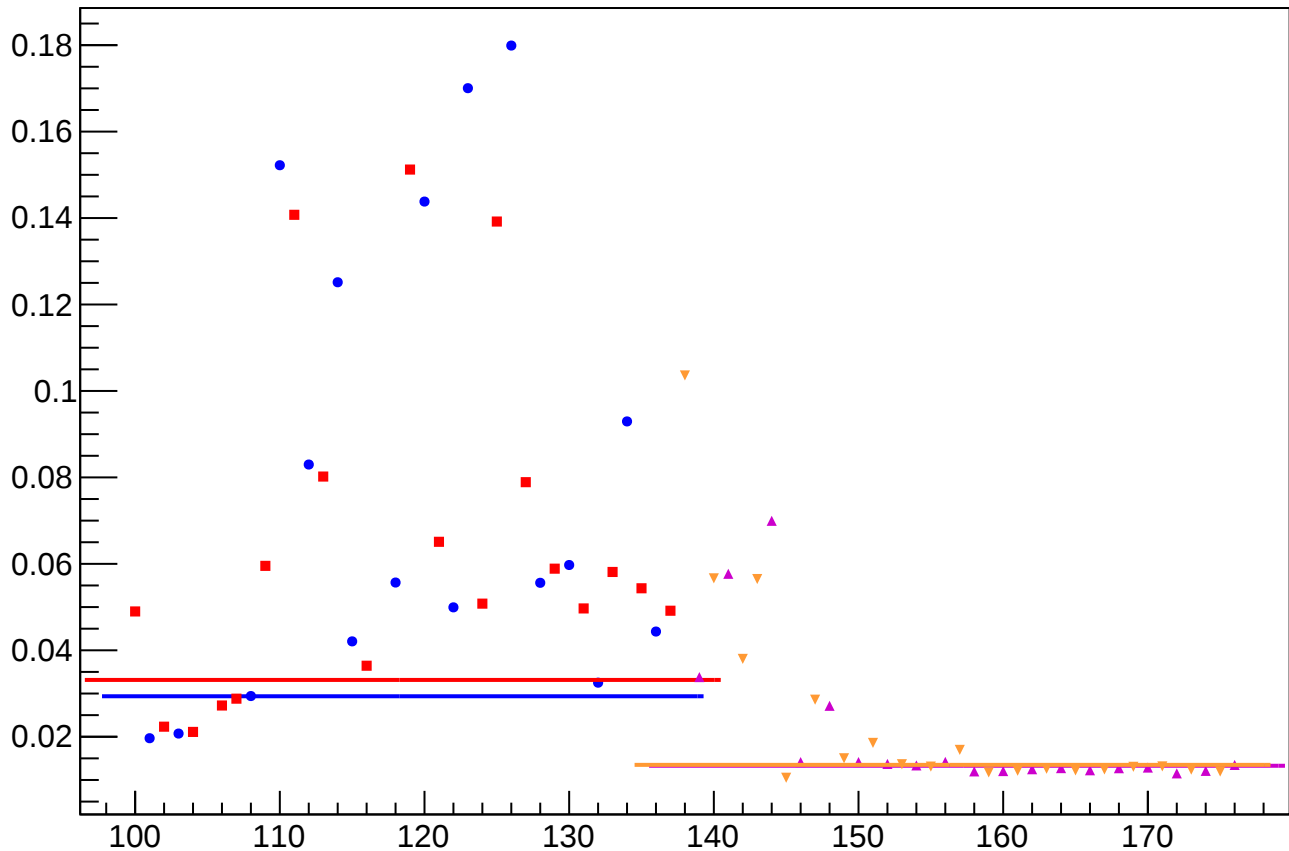
Left In: 0.703 ± 0.000 $\chi^2/\text{NDF}: 552253281693.8/18$

+ sign 0.491 ± 0.000 $\chi^2/\text{NDF}: 486040155900.3/36$

All: 0.592 ± 0.000 $\chi^2/\text{NDF}: 1044958535284.$

- sign 0.688 ± 0.000 $\chi^2/\text{NDF}: 557557215925.6/37$

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 2987169.5/16

Left Out: 0.013+/-0.000 χ^2/NDF :2890250.4/19

Right Out: 0.033+/-0.000 χ^2/NDF : 3099105.0/18

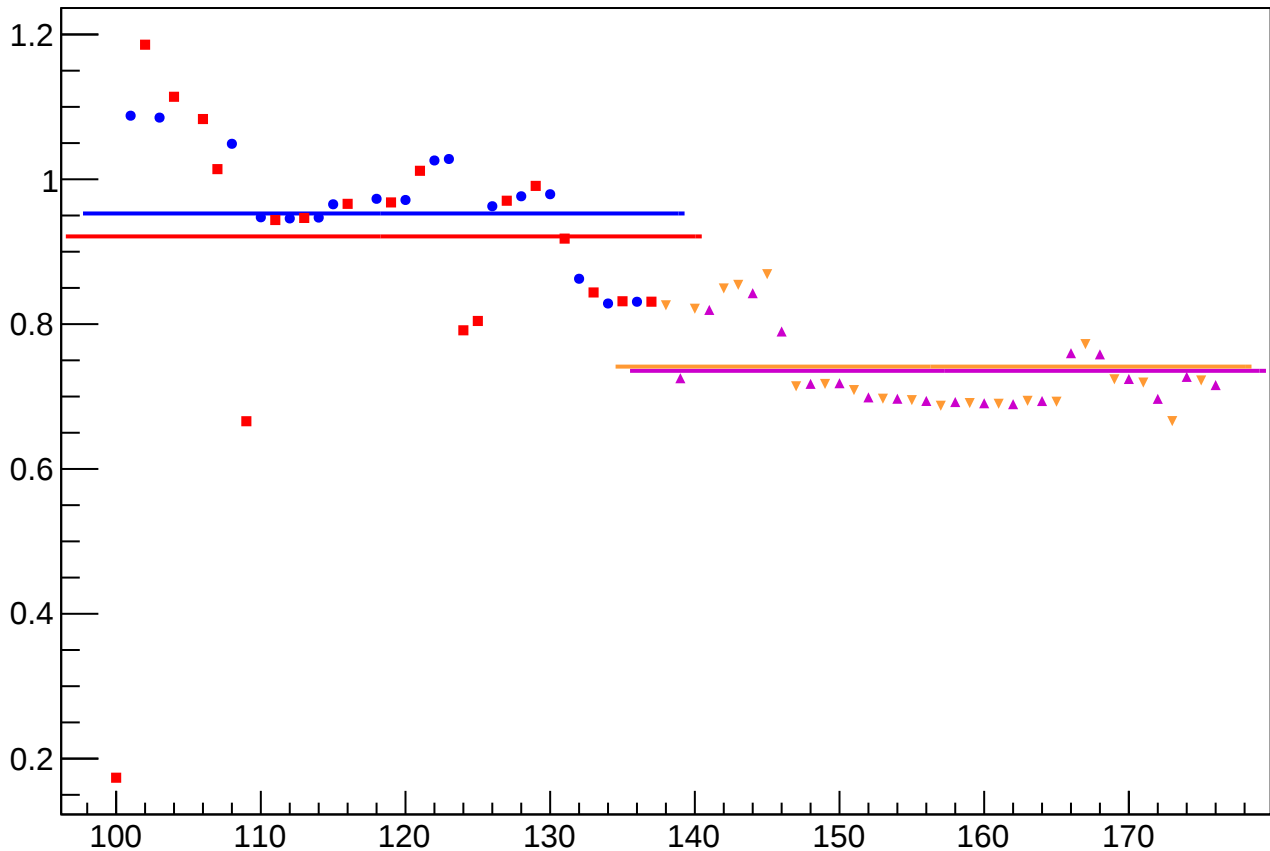
Left In: 0.013+/-0.000 χ^2/NDF :1949324.8/18

+ sign 0.014+/-0.000 χ^2/NDF : 7746368.1/36

All: 0.014+/-0.000 χ^2/NDF : 15417969.0/74

- sign 0.014+/-0.000 χ^2/NDF : 7669989.6/37

yield_bpm11X_mean vs Slug



Right In: 0.953 $\pm$ 0.000 χ^2 /NDF: 175750243.6/16

Left Out: 0.741 $\pm$ 0.000 χ^2 /NDF: 291101175.8/19

+ sign 0.804 $\pm$ 0.000 χ^2 /NDF: 1424413640.2/36

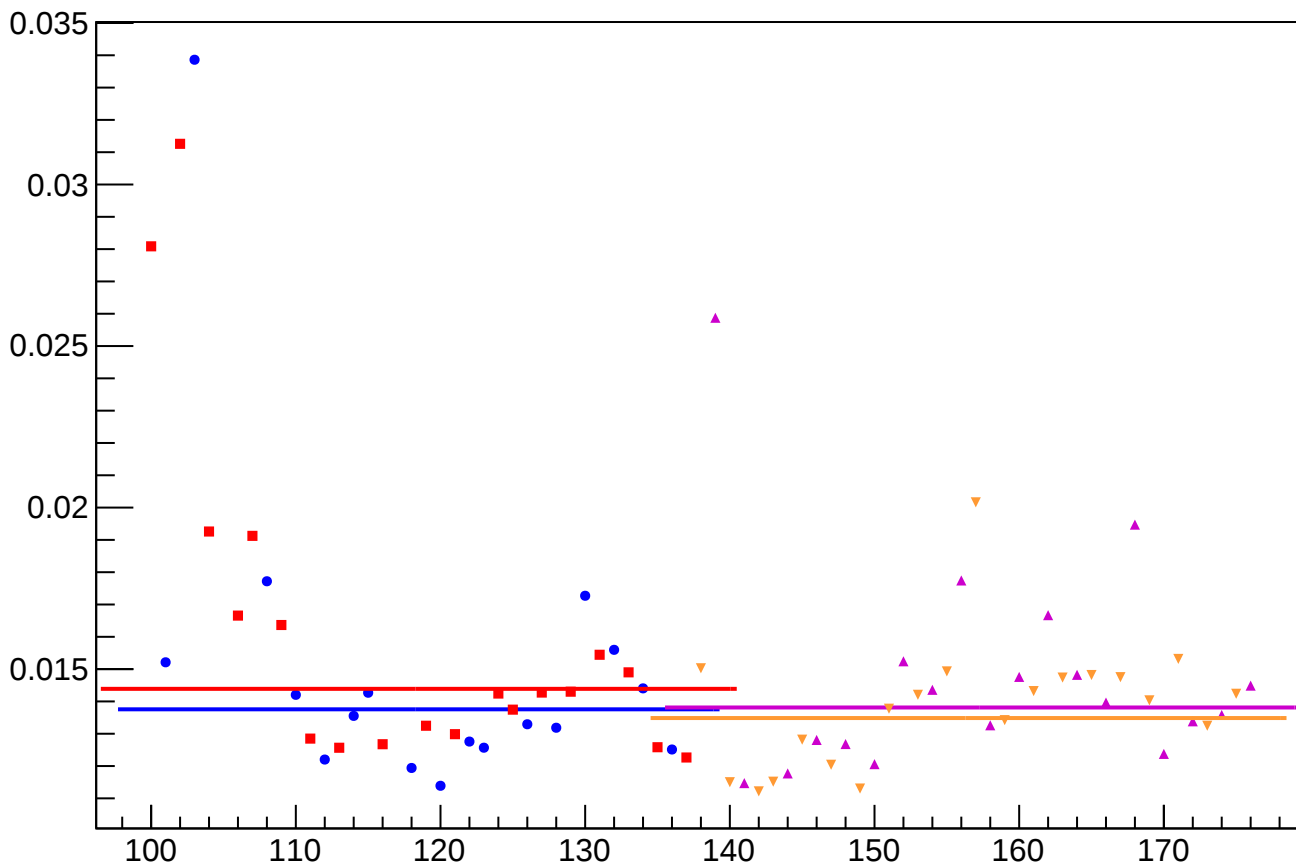
Right Out: 0.921 $\pm$ 0.000 χ^2 /NDF: 374151585.5/18

All: 0.798 $\pm$ 0.000 χ^2 /NDF: 2680601511.4/74

Left In: 0.736 $\pm$ 0.000 χ^2 /NDF: 166032278.1/18

- sign 0.791 $\pm$ 0.000 χ^2 /NDF: 1248030645.2/37

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: 400726.5/19

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 503813.0/18

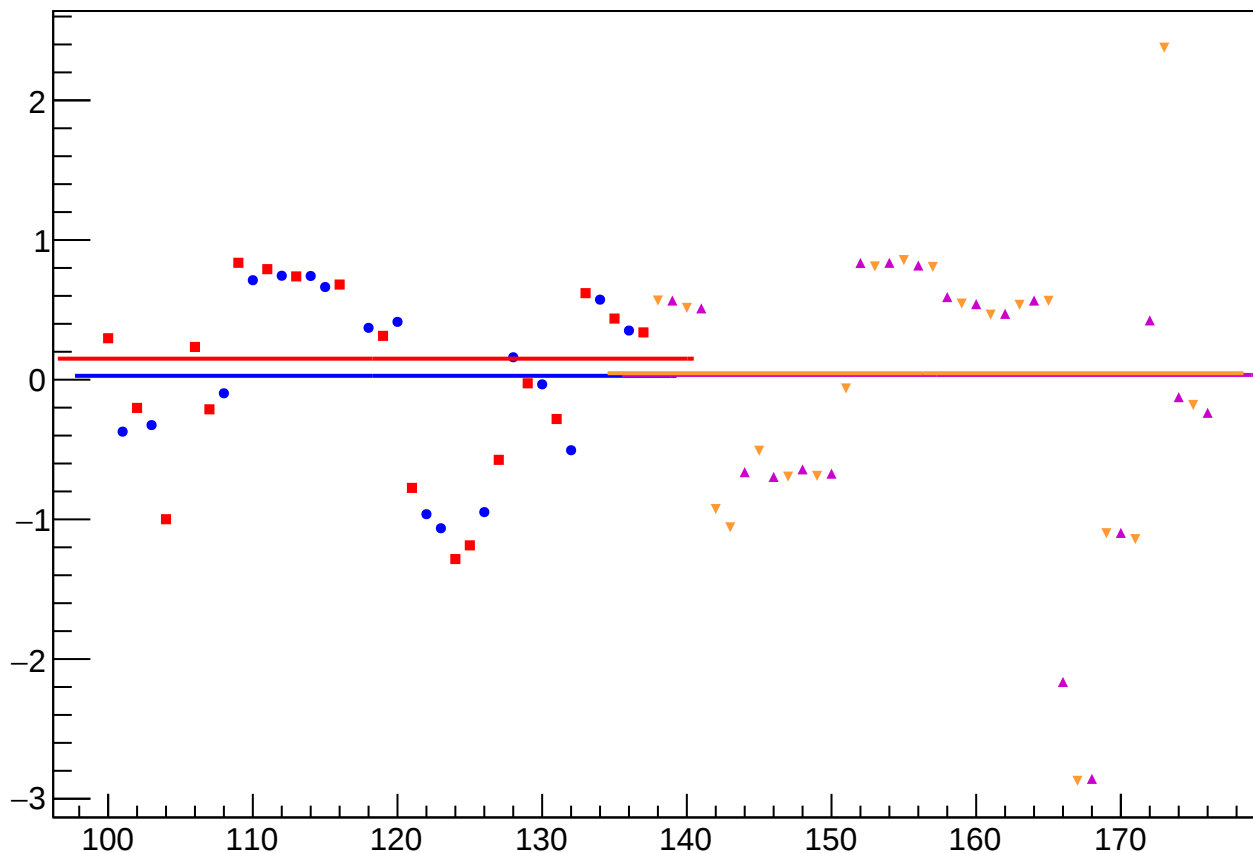
Left In: 0.014 $\pm$ 0.000 χ^2 /NDF: 755385.2/18

+ sign 0.014 $\pm$ 0.000 χ^2 /NDF: 942323.0/36

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 2232893.9/74

- sign 0.014 $\pm$ 0.000 χ^2 /NDF: 1272888.8/37

yield_bpm11Y_mean vs Slug



Right In: 0.028+/-0.000 χ^2/NDF : 6276955529.7/16

Left Out: 0.046+/-0.000 χ^2/NDF : 94822554460.6/19

Right Out: 0.151+/-0.000 χ^2/NDF : 12653743155.9/18

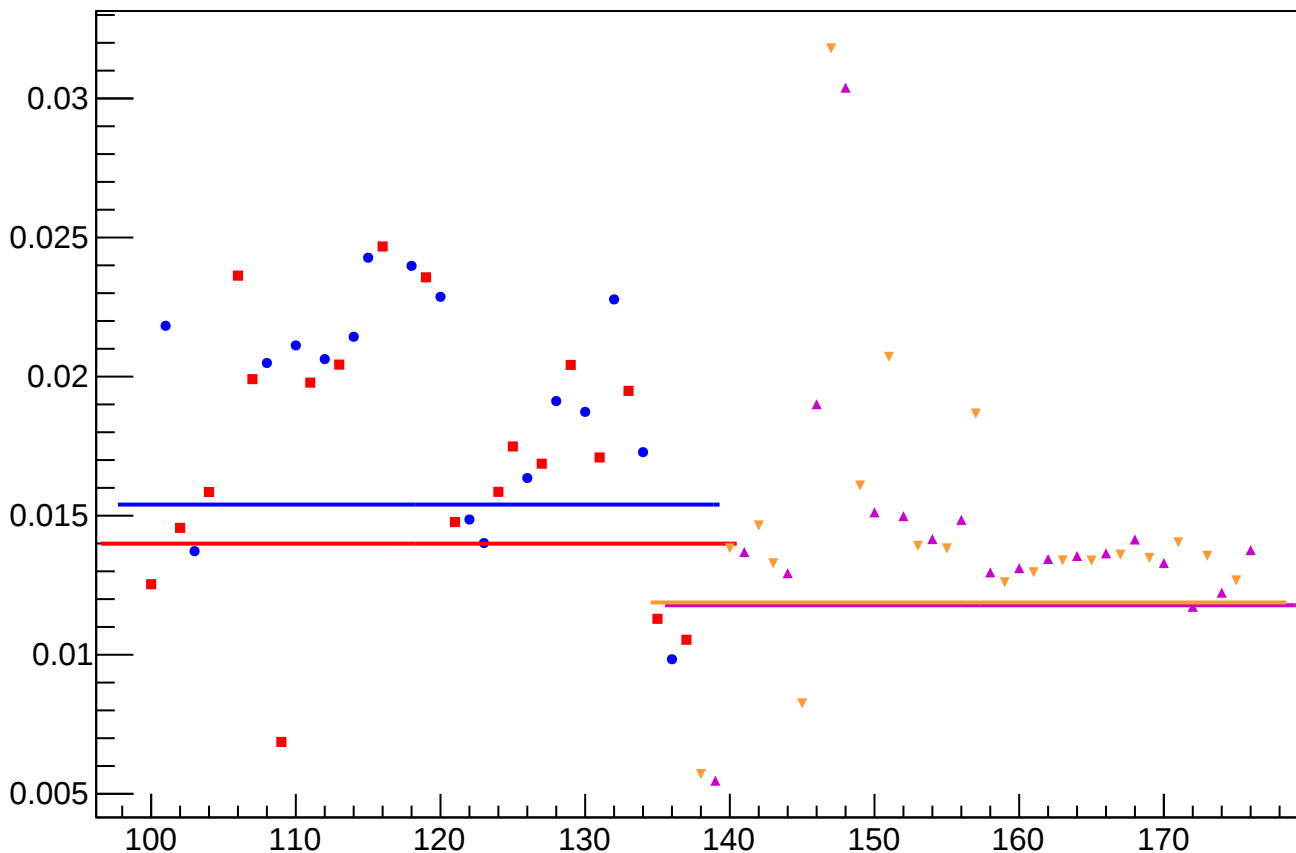
Left In: 0.034+/-0.000 χ^2/NDF : 79112940348.0/18

+ sign 0.043+/-0.000 χ^2/NDF : 101106022426.0/36

All: 0.053+/-0.000 χ^2/NDF : 193189148947.8

- sign 0.062+/-0.000 χ^2/NDF : 92061018870.5/37

yield_bpm11Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1141655.8/16

Left Out: 0.012+/-0.000 χ^2/NDF : 3048263.7/19

Right Out: 0.014+/-0.000 χ^2/NDF : 1561550.9/18

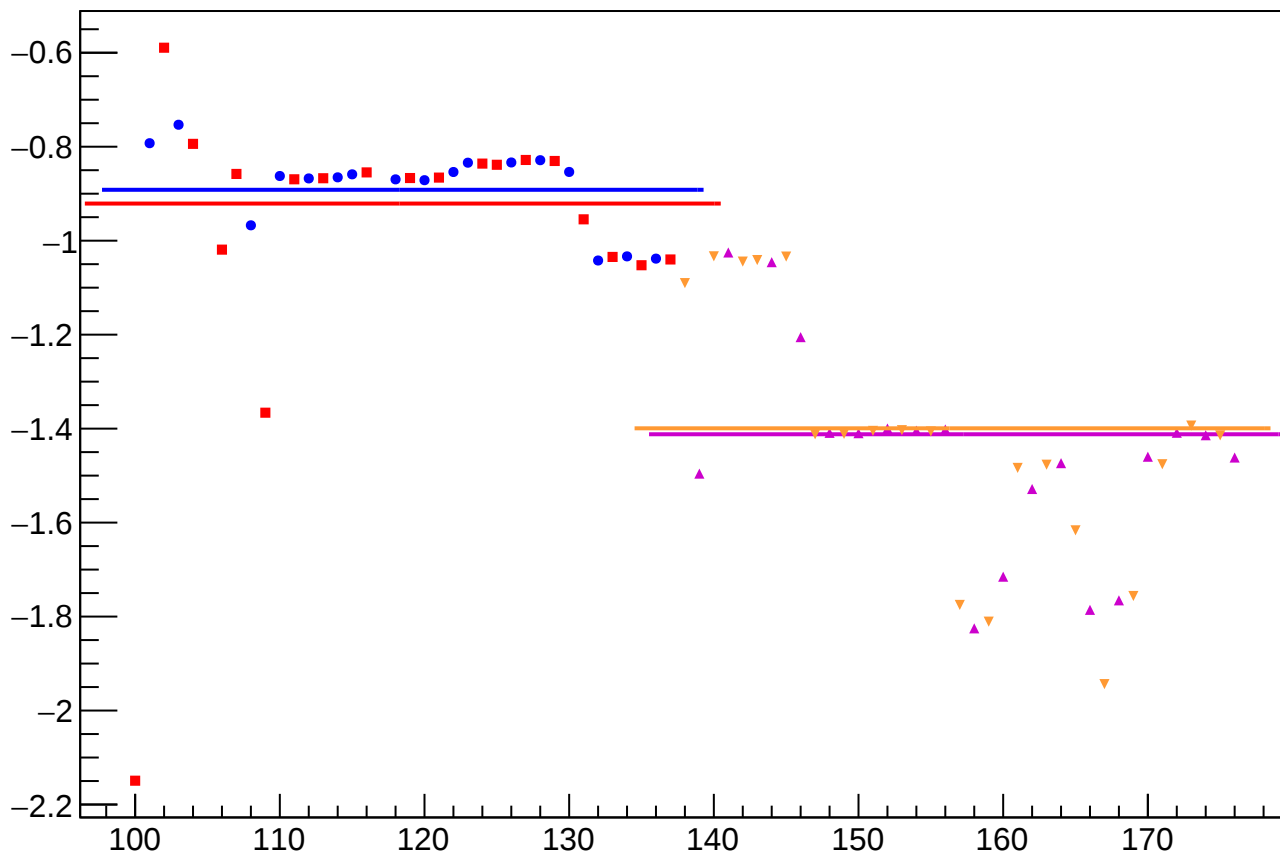
Left In: 0.012+/-0.000 χ^2/NDF : 3067301.4/18

+ sign 0.013+/-0.000 χ^2/NDF : 4653978.8/36

All: 0.012+/-0.000 χ^2/NDF : 9506155.7/74

- sign 0.012+/-0.000 χ^2/NDF : 4841820.2/37

yield_bpm12X_mean vs Slug



Right In: -0.892 ± 0.000 χ^2/NDF : 39793337.2/16

Left Out: -1.399 ± 0.000 χ^2/NDF : 714432702.9/19

Right Out: -0.921 ± 0.000 χ^2/NDF : 131159330.1/18

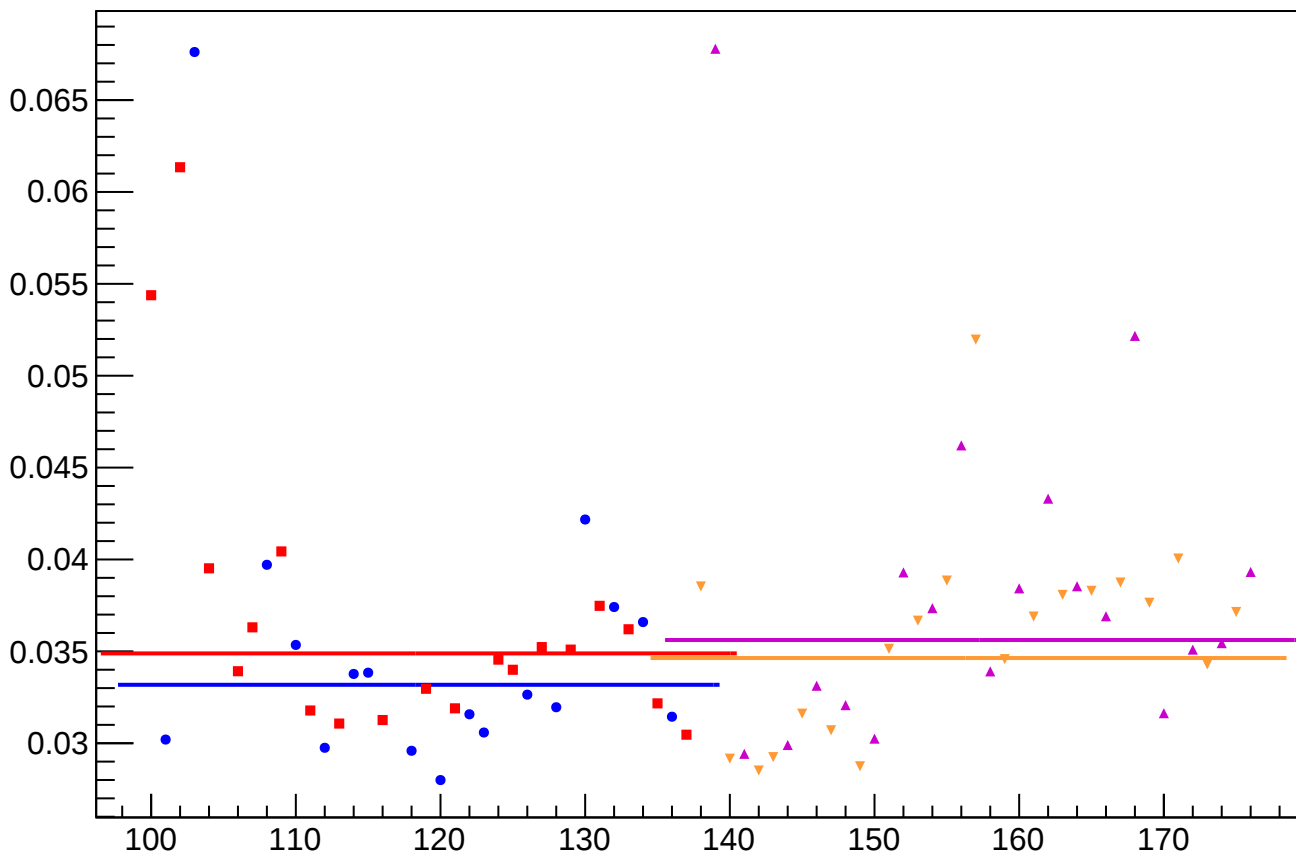
Left In: -1.412 ± 0.000 χ^2/NDF : 512178789.8/18

+ sign -1.233 ± 0.000 χ^2/NDF : 1669739667.7/36

All: -1.241 ± 0.000 χ^2/NDF : 3128864630.7/77

- sign -1.249 ± 0.000 χ^2/NDF : 1457151679.0/37

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 400106.0/16

Left Out: 0.035+/-0.000 χ^2/NDF : 458958.0/19

Right Out: 0.035+/-0.000 χ^2/NDF : 275013.9/18

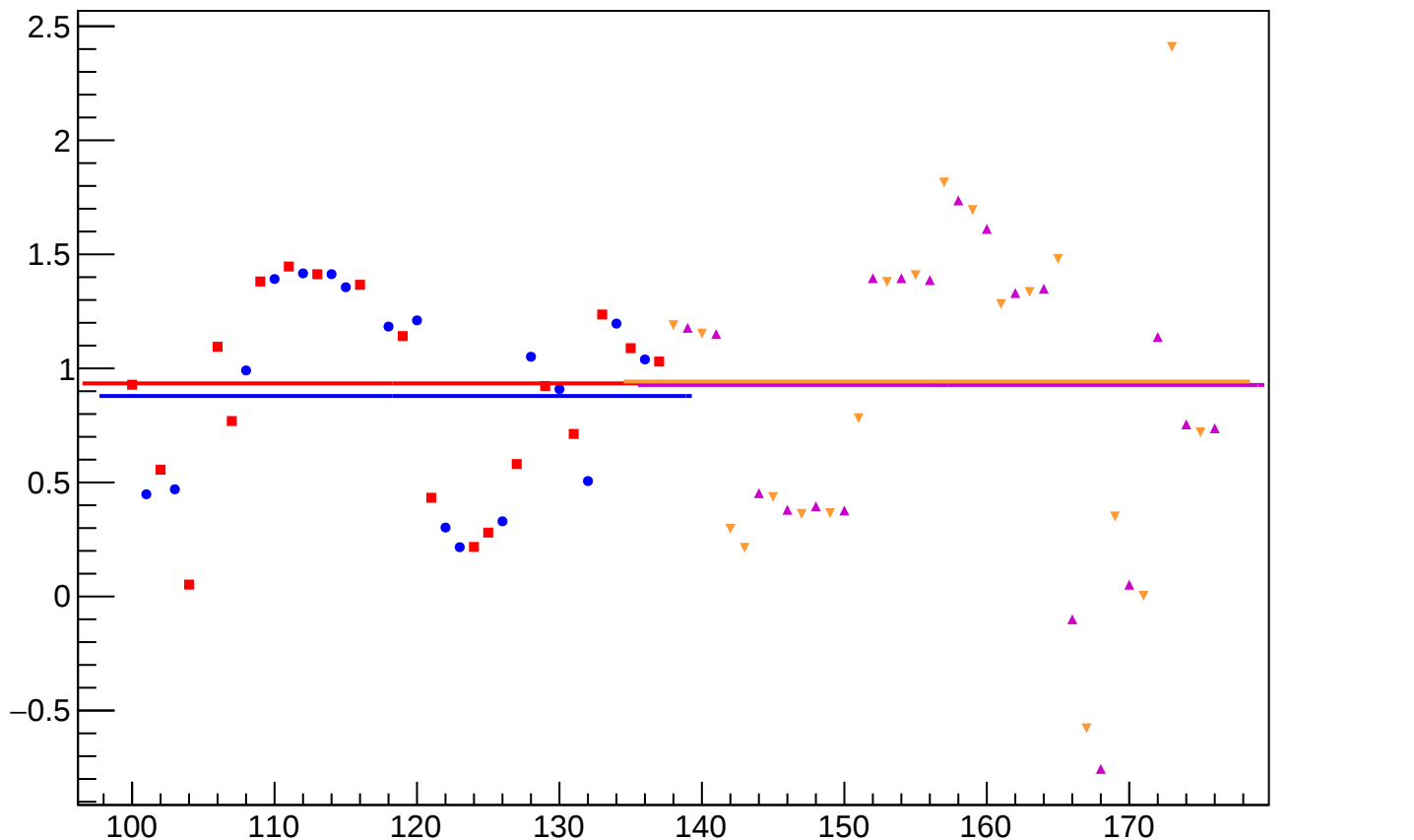
Left In: 0.036+/-0.000 χ^2/NDF : 847451.6/18

+ sign 0.034+/-0.000 χ^2/NDF : 874134.0/36

All: 0.035+/-0.000 χ^2/NDF : 2023326.6/74

- sign 0.035+/-0.000 χ^2/NDF : 1126051.1/37

yield_bpm12Y_mean vs Slug



Right In: 0.879 ± 0.000 χ^2/NDF : 6371602566.2/16

Left Out: 0.943 ± 0.000 χ^2/NDF : 82435720509.8/19

Right Out: 0.934 ± 0.000 χ^2/NDF : 9827120184.9/18

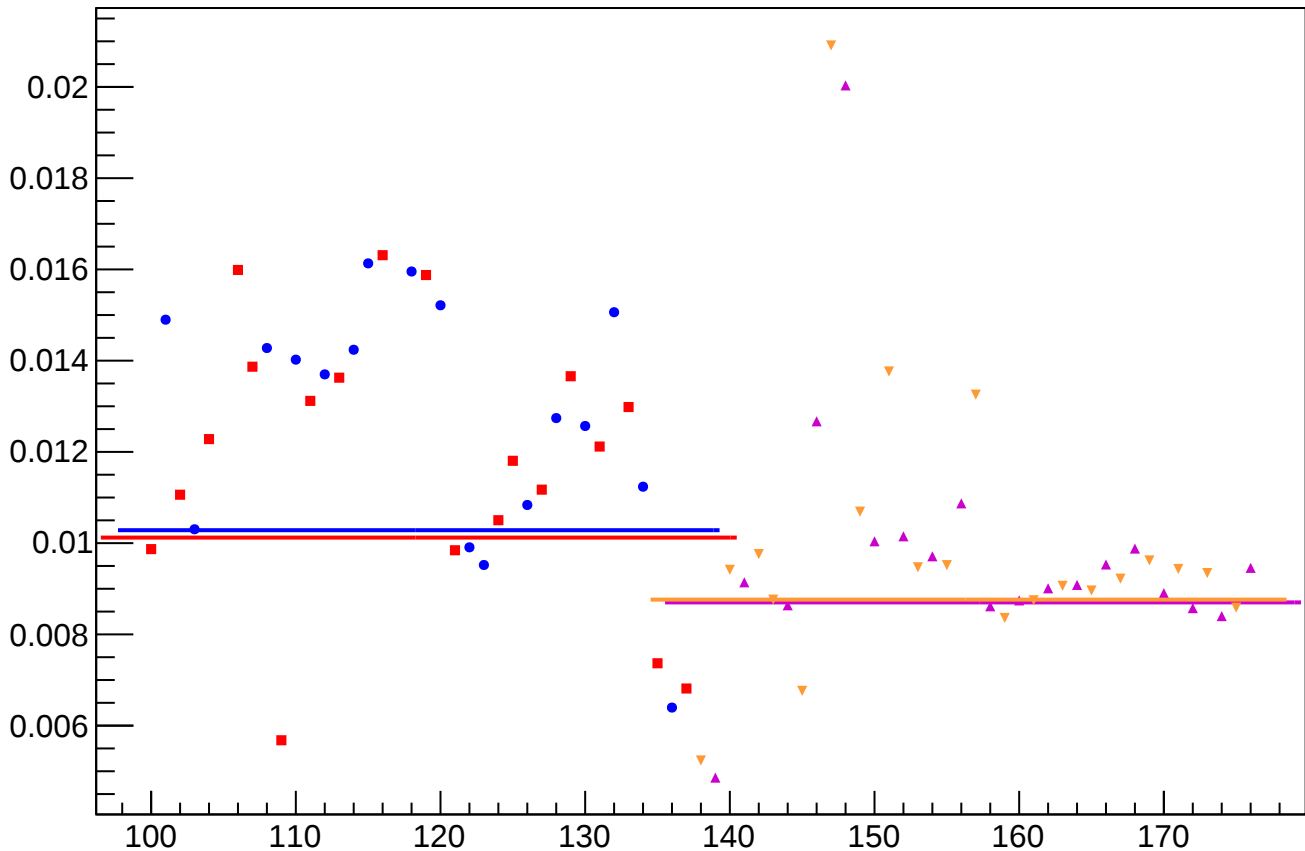
Left In: 0.927 ± 0.000 χ^2/NDF : 66109247887.3/18

+ sign 0.928 ± 0.000 χ^2/NDF : 88971324683.7/36

All: 0.929 ± 0.000 χ^2/NDF : 164909882554.5

- sign 0.929 ± 0.000 χ^2/NDF : 75938401890.0/37

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:1695178.1/19

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 1176642.1/18

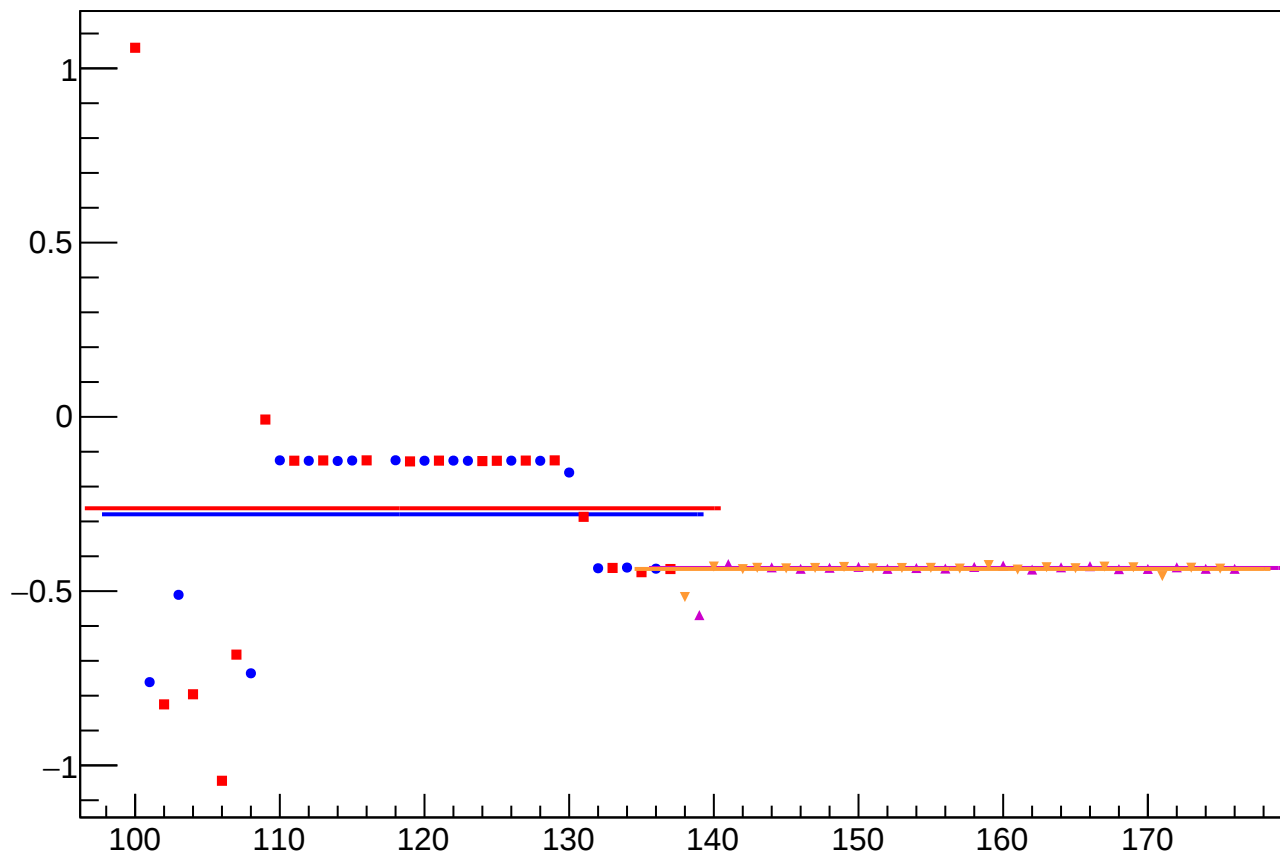
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:1664440.1/18

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 3090163.7/36

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 6105582.8/74

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 3014561.2/37

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 : 28742768.2/19

Right Out: -0.262 ± 0.000 χ^2/NDF : 1006263824.6/18

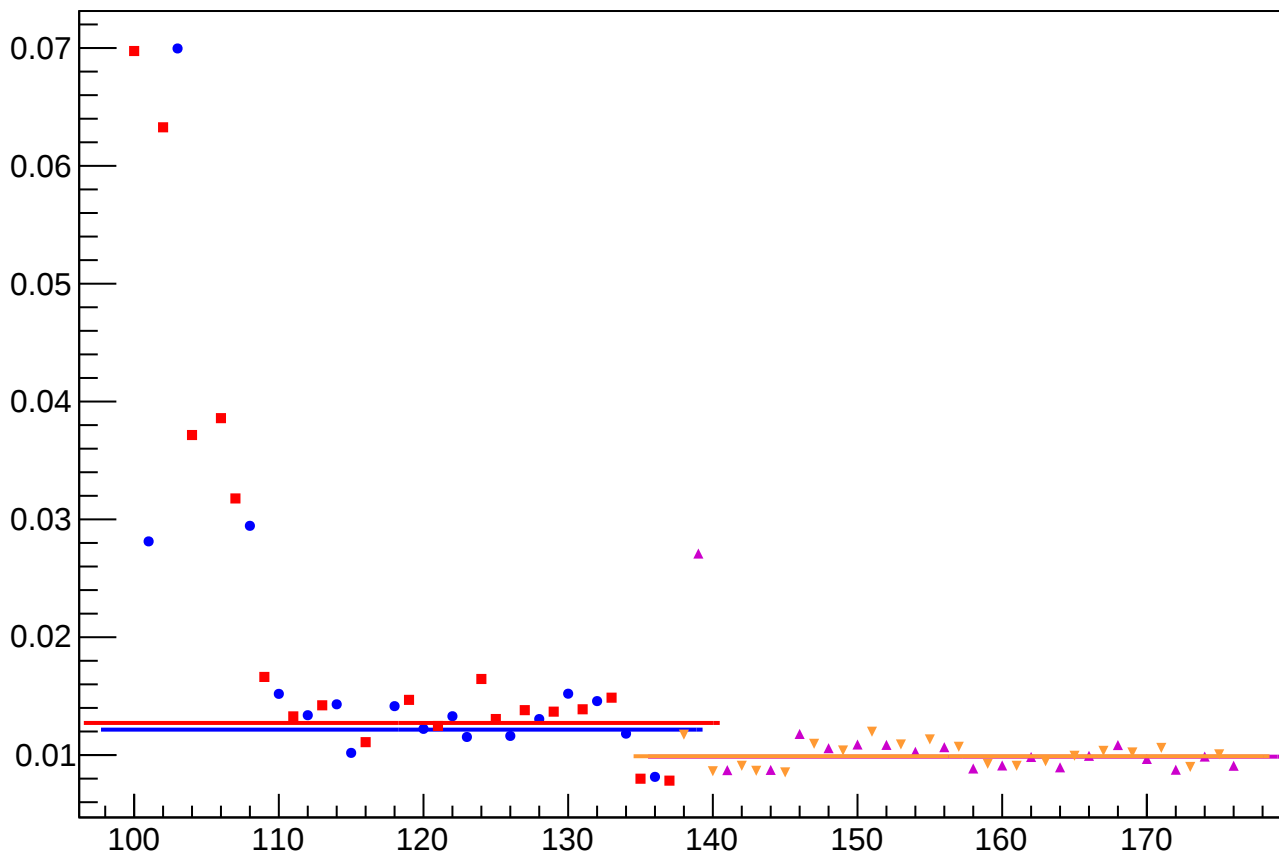
Left In: -0.434 ± 0.000 χ^2/NDF : 19908982.6/18

+ sign -0.406 ± 0.000 χ^2/NDF : 1579867793.4/36

All: -0.403 ± 0.000 χ^2/NDF : 3316582672.6/7

- sign -0.401 ± 0.000 χ^2/NDF : 1734967439.0/37

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:248962.7/19

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1967397.9/18

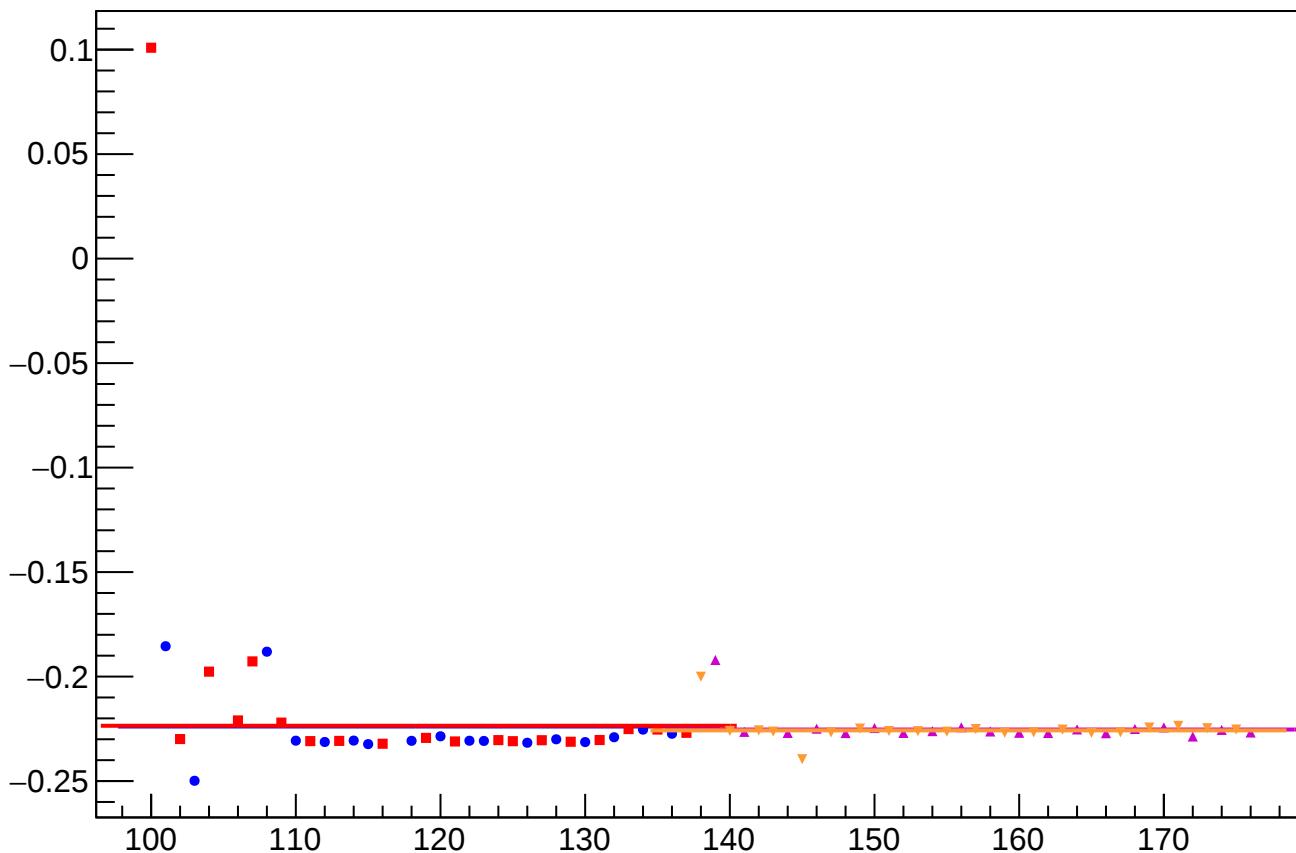
Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:773244.6/18

+ sign 0.010 $\pm$ 0.000 χ^2 /NDF: 2229817.5/36

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 5366841.3/74

- sign 0.010 $\pm$ 0.000 χ^2 /NDF: 3136323.0/37

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 : 20871816.7/19

Right Out: -0.224+/-0.000 χ^2/NDF : 168124199.3/18

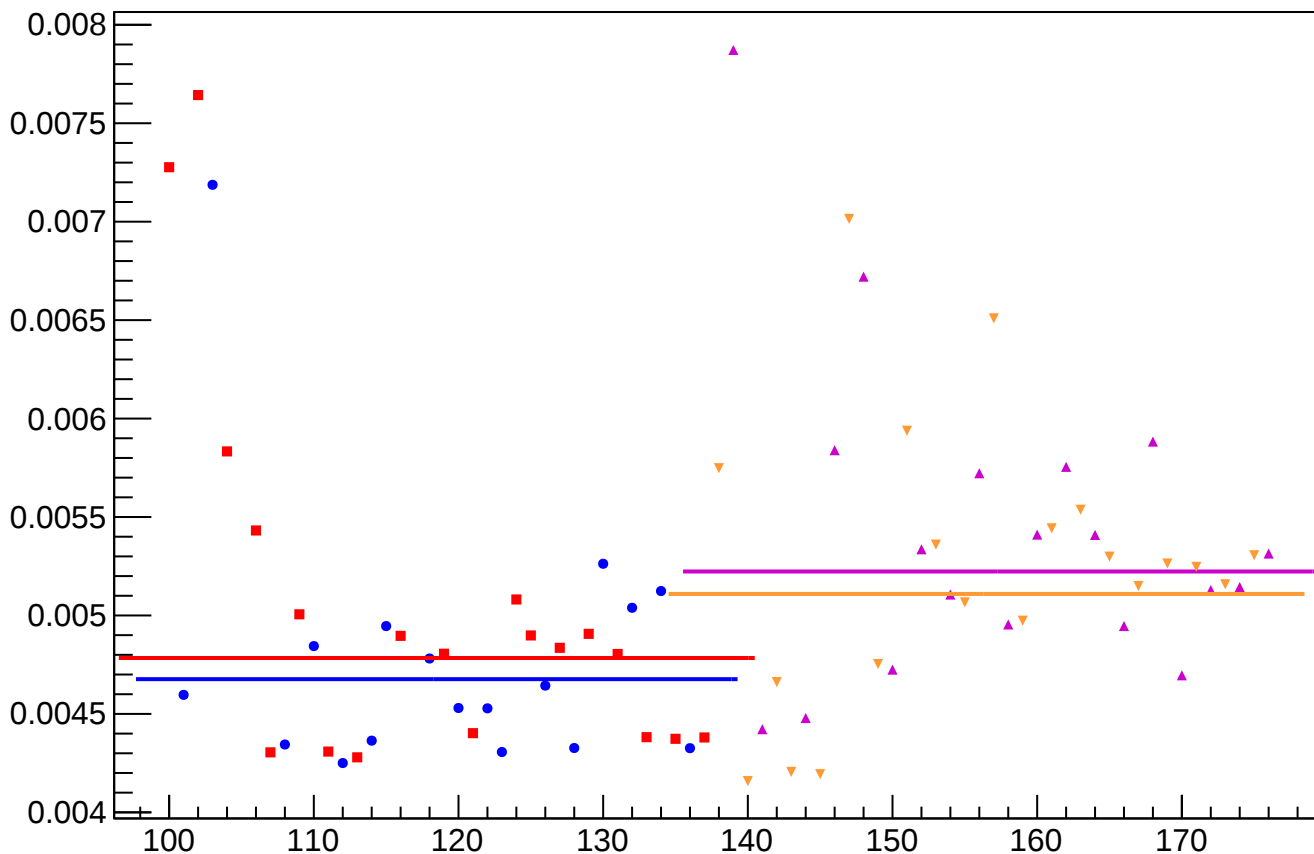
Left In: -0.225+/-0.000 χ^2/NDF : 13226025.4/18

+ sign -0.225+/-0.000 χ^2/NDF : 96104528.1/36

All: -0.225+/-0.000 χ^2/NDF : 278109191.5/74

- sign -0.225+/-0.000 χ^2/NDF : 181936845.6/37

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 : 455065.3/19

Right Out: 0.005+/-0.000 χ^2/NDF : 248269.2/18

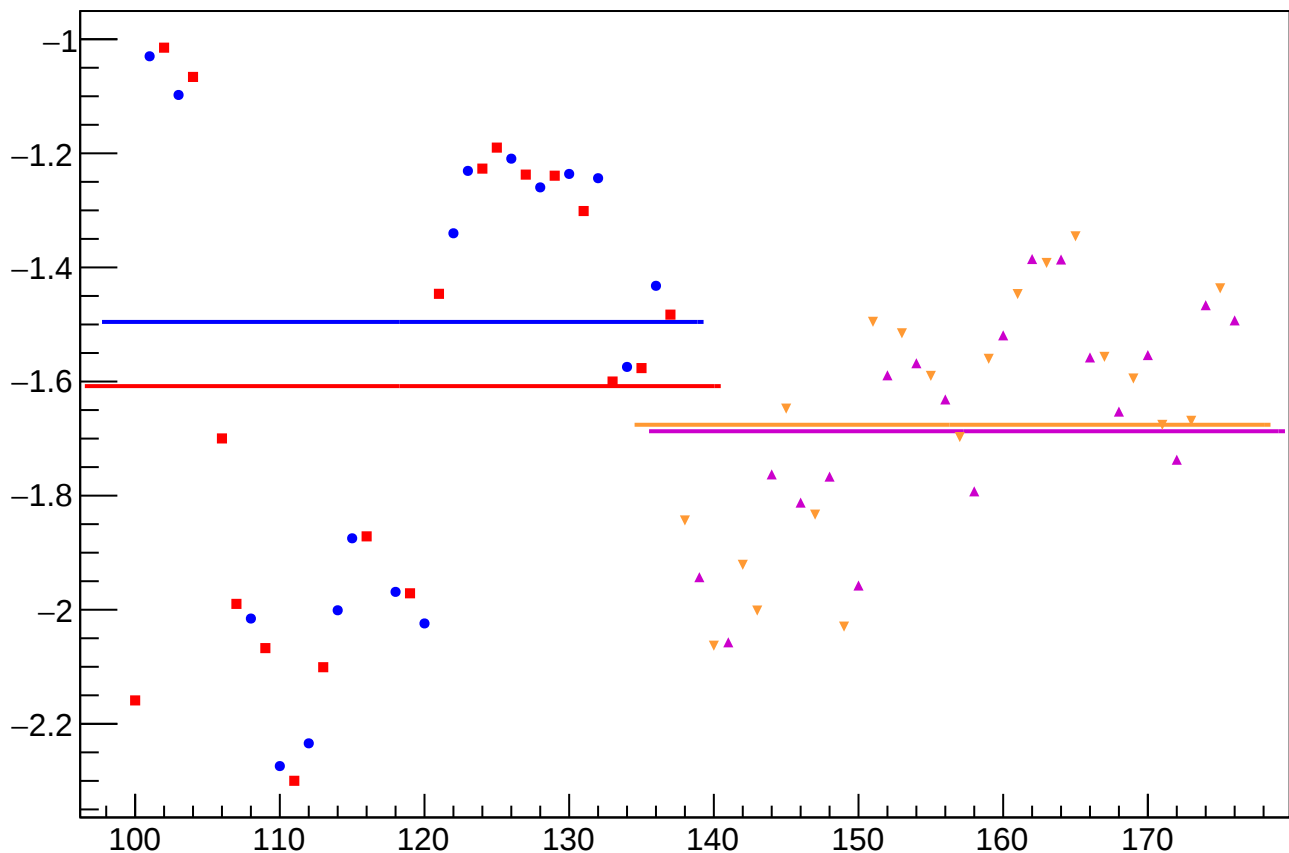
Left In: 0.005+/-0.000 χ^2/NDF : 437302.0/18

+ sign 0.005+/-0.000 χ^2/NDF : 703755.9/36

All: 0.005+/-0.000 χ^2/NDF : 1467507.9/74

- sign 0.005+/-0.000 χ^2/NDF : 755081.5/37

yield_bpm0l01X_mean vs Slug



Right In: -1.496+/-0.000 χ^2/NDF : 22506050663.3/16

Left Out: -1.676+/-0.000 χ^2/NDF : 16947555095.0/19

Right Out: -1.608+/-0.000 χ^2/NDF : 27852841950.3/18

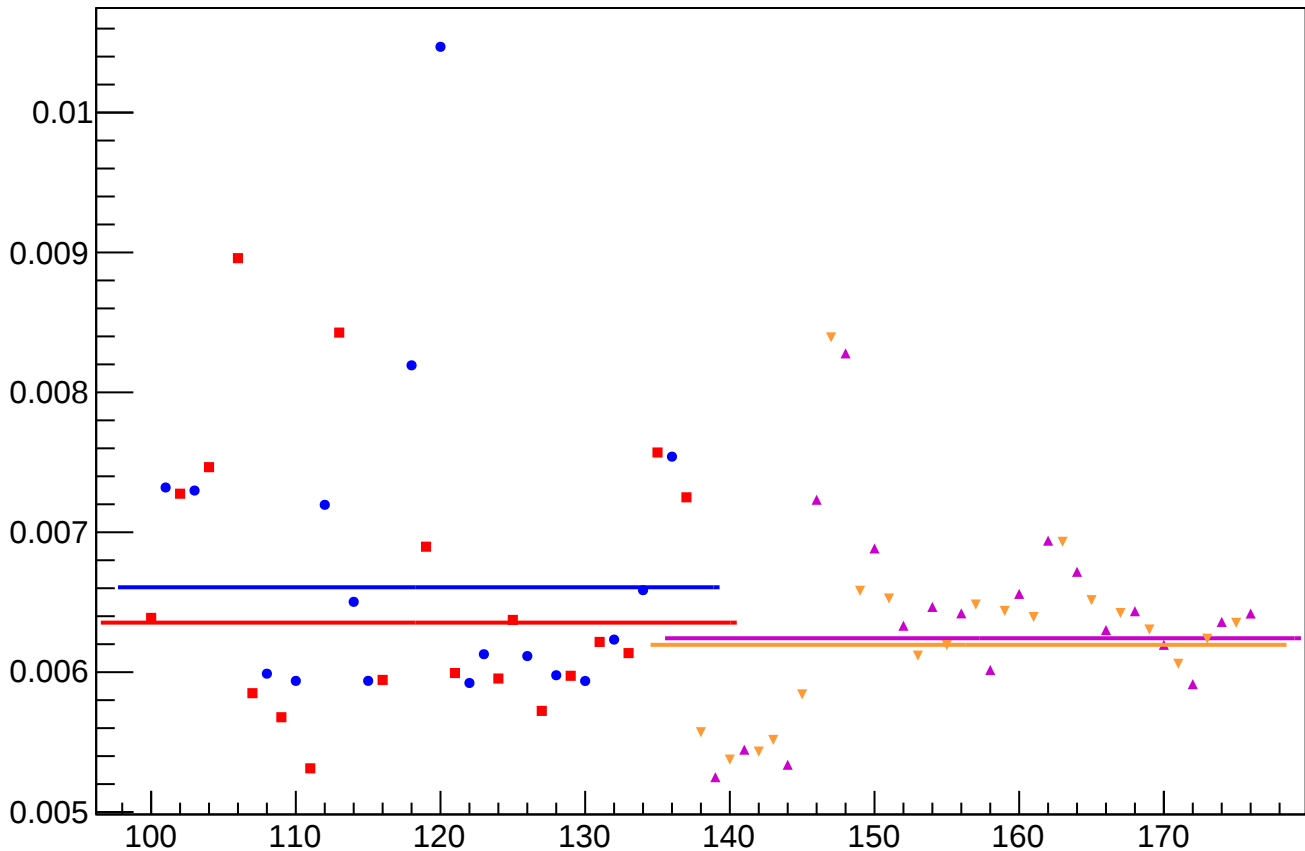
Left In: -1.687+/-0.000 χ^2/NDF : 13219990406.7/18

+ sign -1.627+/-0.000 χ^2/NDF : 42737742443.1/36

All: -1.645+/-0.000 χ^2/NDF : 84838447718.6/37

- sign -1.662+/-0.000 χ^2/NDF : 41773839383.5/37

yield_bpm0l01X_rms vs Slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 201323.2/16

Left Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 230773.6/19

Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 227287.9/18

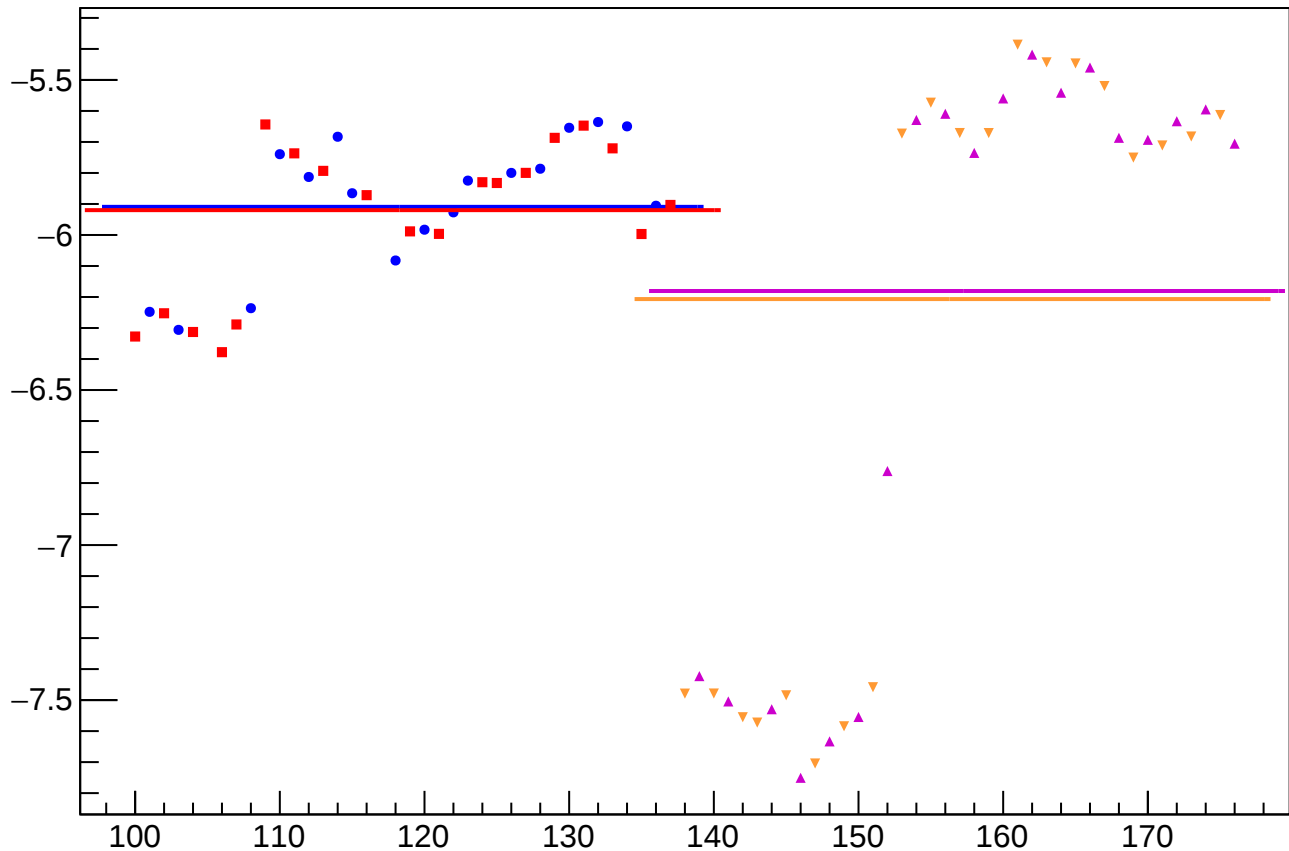
Left In: 0.006 $\pm$ 0.000 χ^2 /NDF: 297131.5/18

+ sign 0.006 $\pm$ 0.000 χ^2 /NDF: 466307.0/36

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 993983.0/74

- sign 0.006 $\pm$ 0.000 χ^2 /NDF: 527216.3/37

yield_bpm0l01Y_mean vs Slug



Right In: -5.909+/-0.000 χ^2/NDF : 11125163629.1/16

Left Out: -6.207+/-0.000 χ^2/NDF : 177091620672.7/19

Right Out: -5.920+/-0.000 χ^2/NDF : 12785272526.6/18

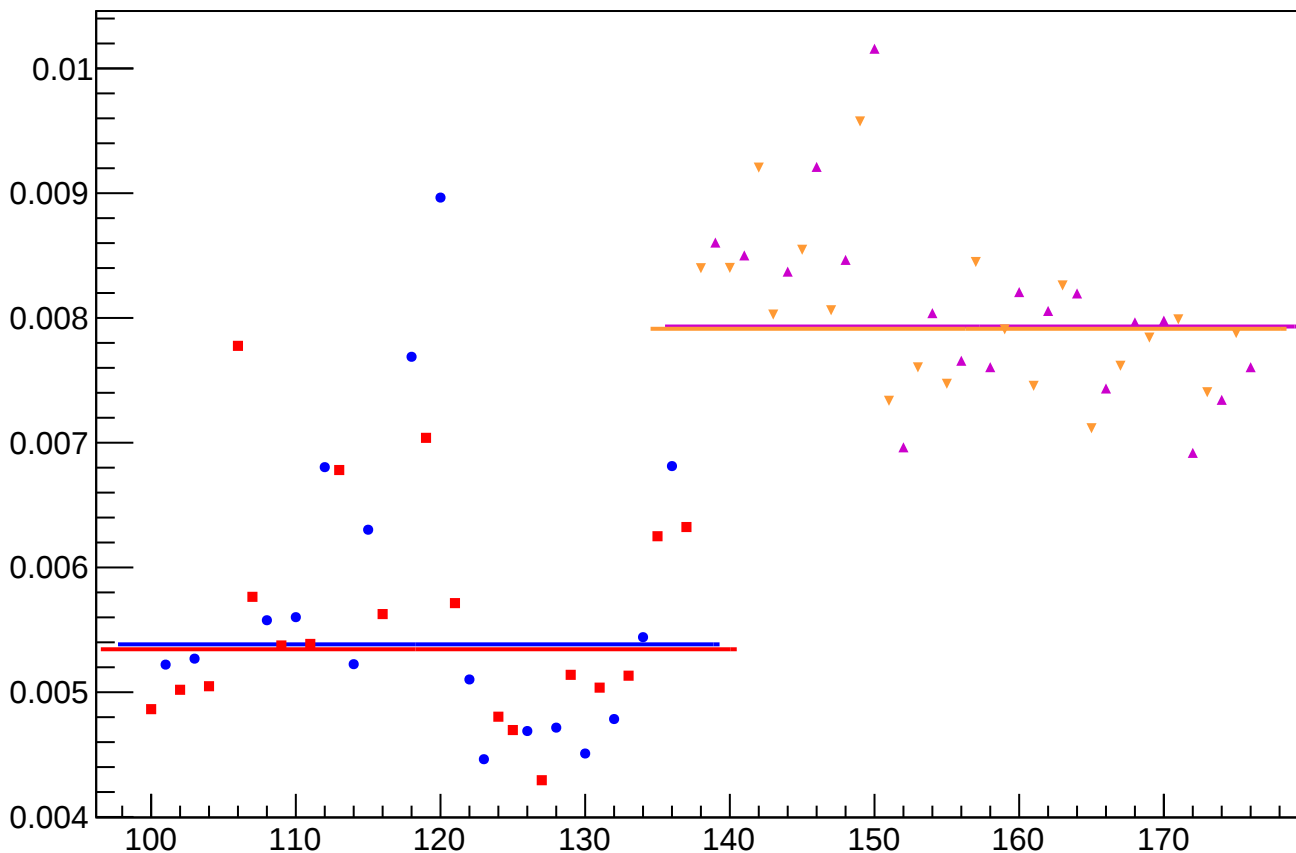
Left In: -6.181+/-0.000 χ^2/NDF : 154713810182.1/18

+ sign -6.063+/-0.000 χ^2/NDF : 197434578001.5/36

All: -6.055+/-0.000 χ^2/NDF : 372392845685.8

- sign -6.047+/-0.000 χ^2/NDF : 174909353629.1/37

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 :123627.1/19

Right Out: 0.005+/-0.000 χ^2/NDF : 244700.0/18

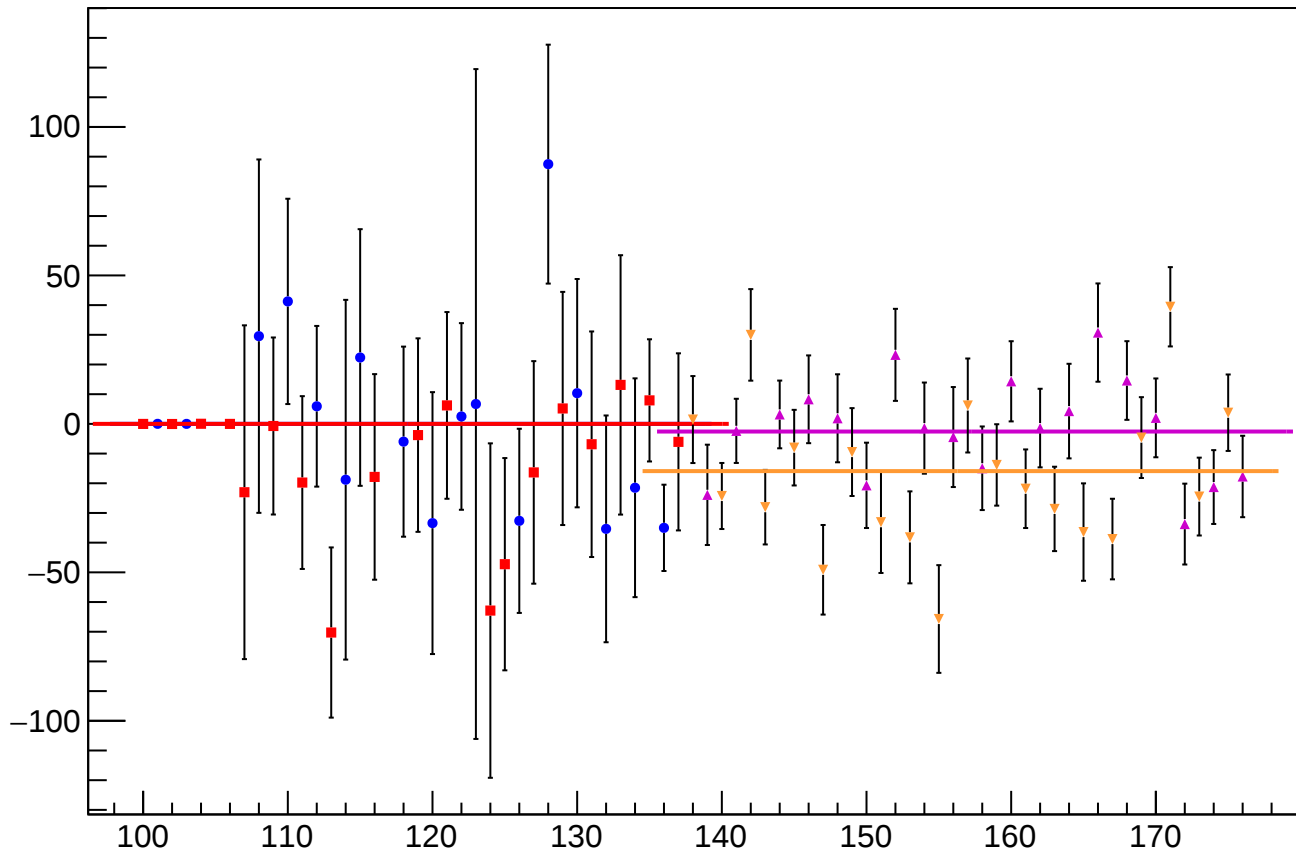
Left In: 0.008+/-0.000 χ^2/NDF :203143.4/18

+ sign 0.007+/-0.000 χ^2/NDF : 1804603.0/36

All: 0.007+/-0.000 χ^2/NDF : 3713543.9/74

- sign 0.007+/-0.000 χ^2/NDF : 1906325.7/37

diff_cav4bX_mean vs Slug



Right In: 0.013 ± 0.017 χ^2/NDF : 15.8/16

Left Out: -15.907 ± 3.146 χ^2/NDF : 55.8/19

Right Out: 0.003 ± 0.016 χ^2/NDF : 15.3/18

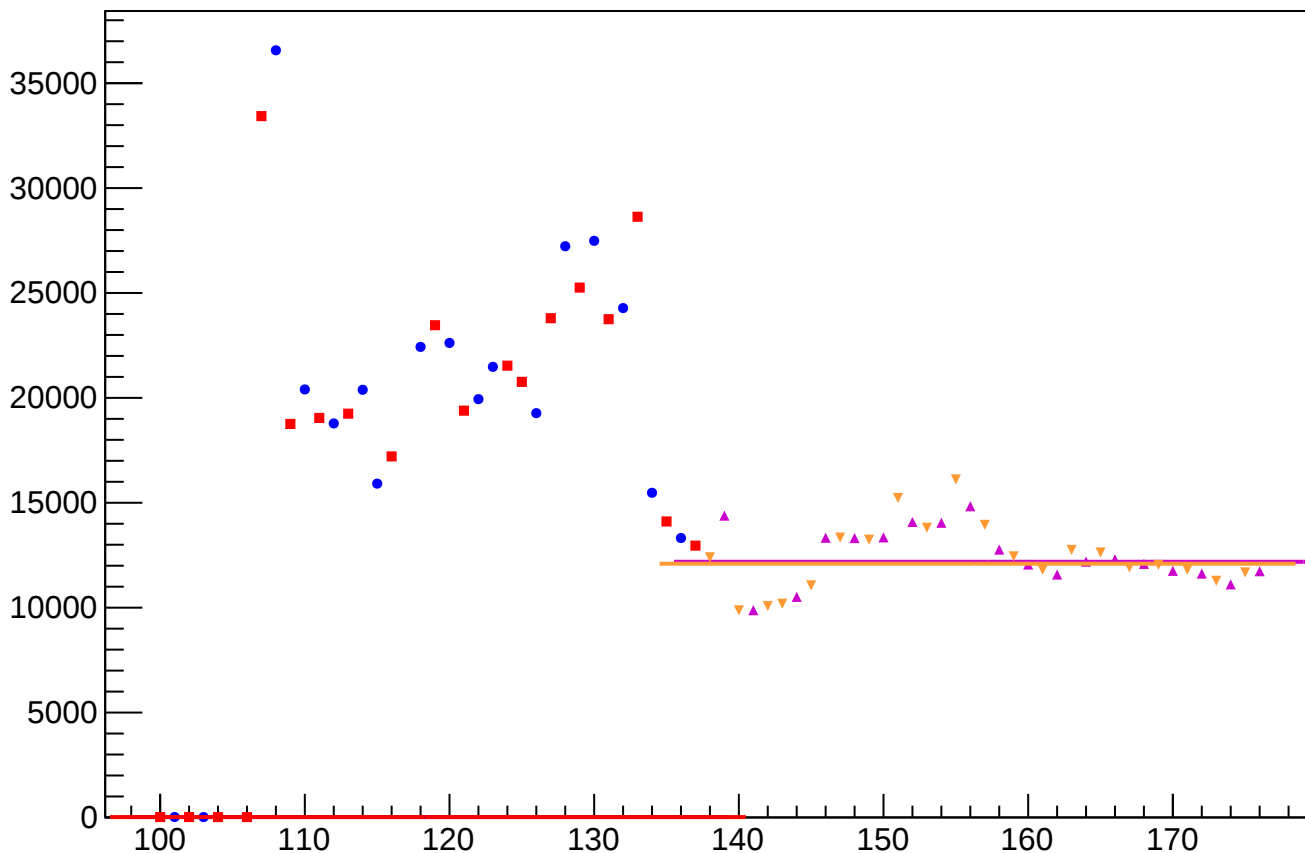
Left In: -2.577 ± 3.194 χ^2/NDF : 24.0/18

+ sign 0.013 ± 0.017 χ^2/NDF : 97.2/36

All: 0.008 ± 0.012 χ^2/NDF : 137.3/74

- sign 0.003 ± 0.016 χ^2/NDF : 39.9/37

diff_cav4bX_rms vs Slug



Right In: 18.641+/-0.012 χ^2/NDF : 10841561.4/16

Left Out: 12095.490+/-2.225 χ^2/NDF : 437044.5/19

Right Out: 18.311+/-0.011 χ^2/NDF : 11103320.8/18

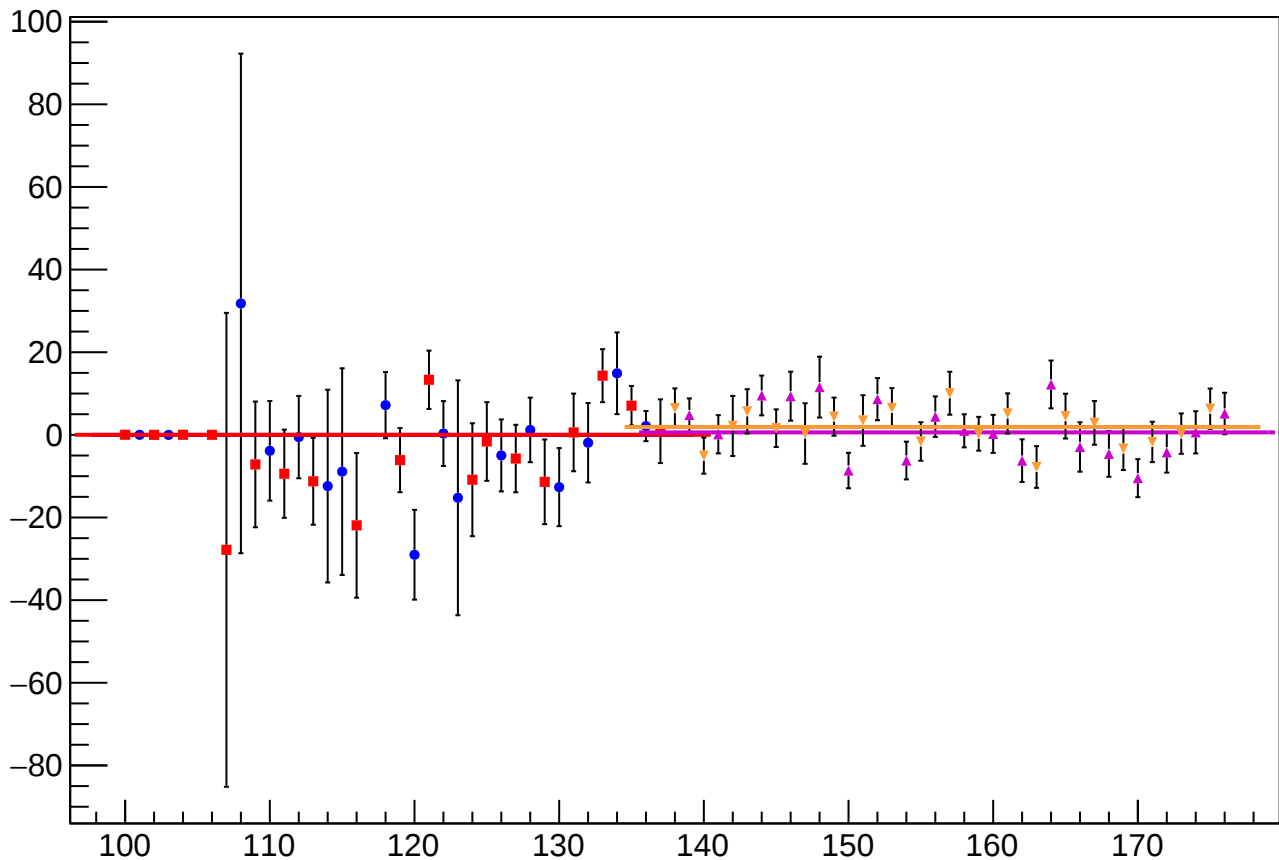
Left In: 12187.453+/-2.258 χ^2/NDF : 344294.0/18

+ sign 19.007+/-0.012 χ^2/NDF : 40747859.9/36

All: 18.799+/-0.008 χ^2/NDF : 81235095.6/74

- sign 18.620+/-0.011 χ^2/NDF : 40486697.2/37

diff_cav4bY_mean vs Slug



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 14.9/16

Left Out: 1.900 $\pm$ 1.125 χ^2 /NDF:15.4/19

Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.4/18

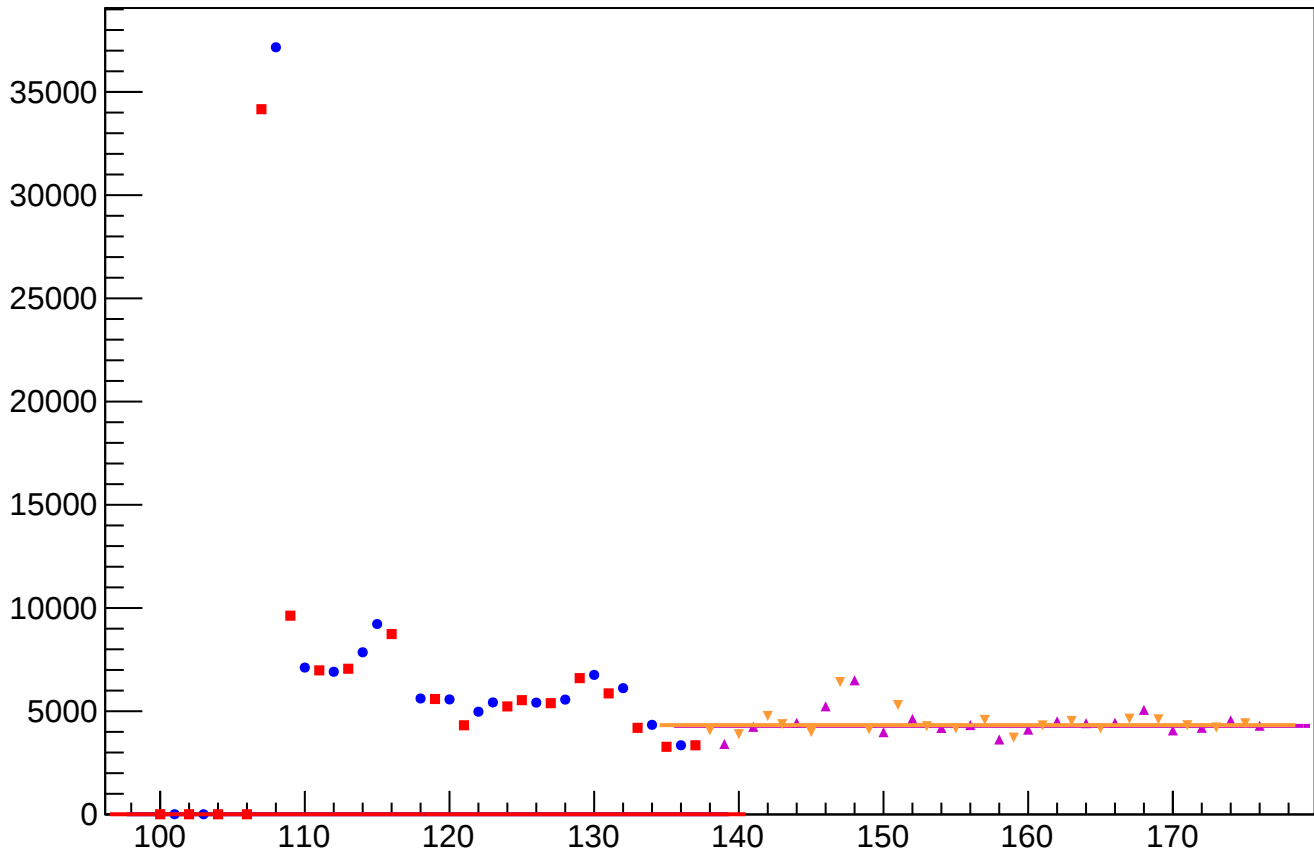
Left In: 0.601 $\pm$ 1.129 χ^2 /NDF:33.5/18

+ sign 0.001 $\pm$ 0.009 χ^2 /NDF: 33.1/36

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 86.4/74

- sign 0.014 $\pm$ 0.009 χ^2 /NDF: 52.2/37

diff_cav4bY_rms vs Slug



Right In: 9.938+/-0.007 χ^2/NDF : 10973577.1/16

Left Out: 4327.319+/-0.795 χ^2/NDF : 331150.9/19

Right Out: 9.854+/-0.006 χ^2/NDF : 11152667.7/18

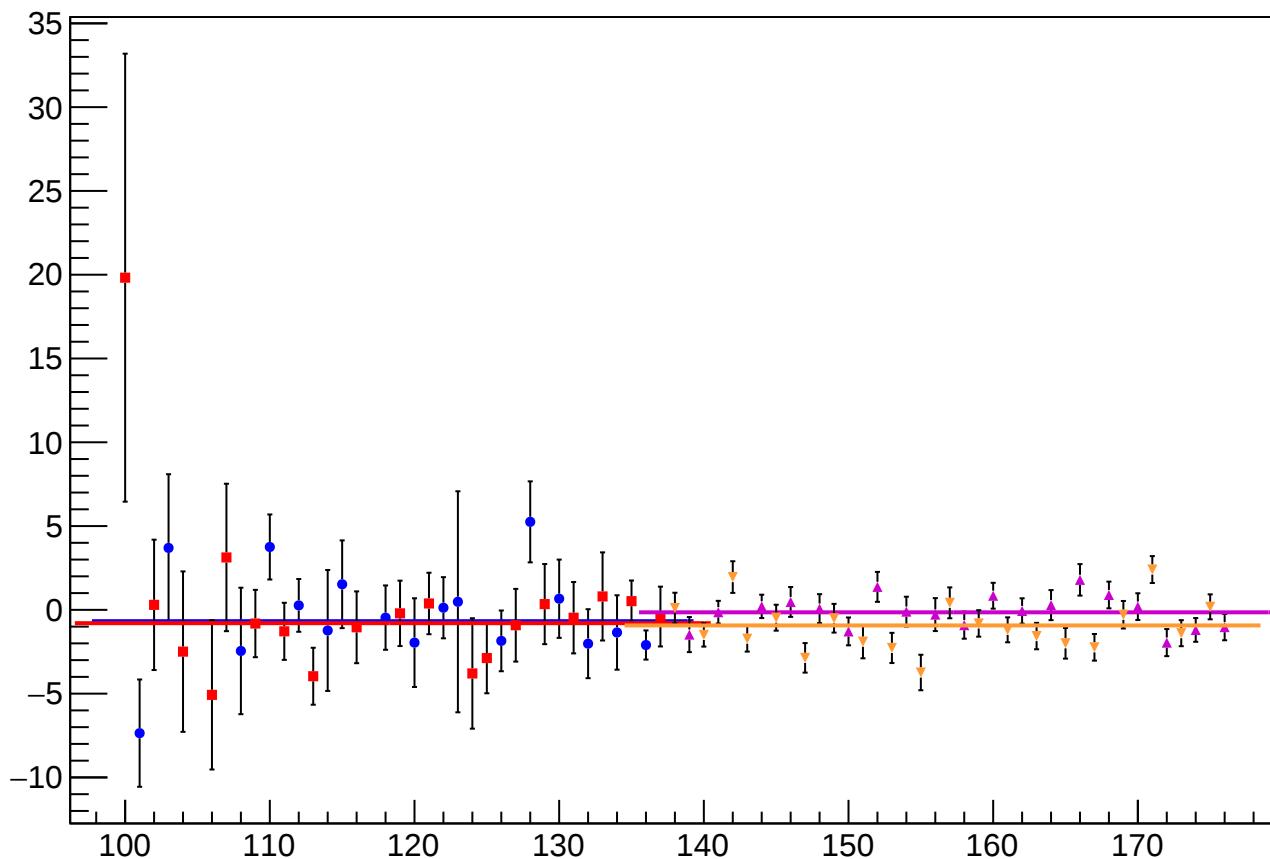
Left In: 4290.691+/-0.798 χ^2/NDF : 460752.1/18

+ sign 10.227+/-0.007 χ^2/NDF : 40772560.2/36

All: 10.163+/-0.004 χ^2/NDF : 81160098.9/74

- sign 10.106+/-0.006 χ^2/NDF : 40387354.5/37

diff_cav4cX_mean vs Slug



Right In: -0.677 ± 0.484 χ^2/NDF : 22.3/16

Left Out: -0.929 ± 0.186 χ^2/NDF : 55.4/19

Right Out: -0.795 ± 0.501 χ^2/NDF : 12.0/18

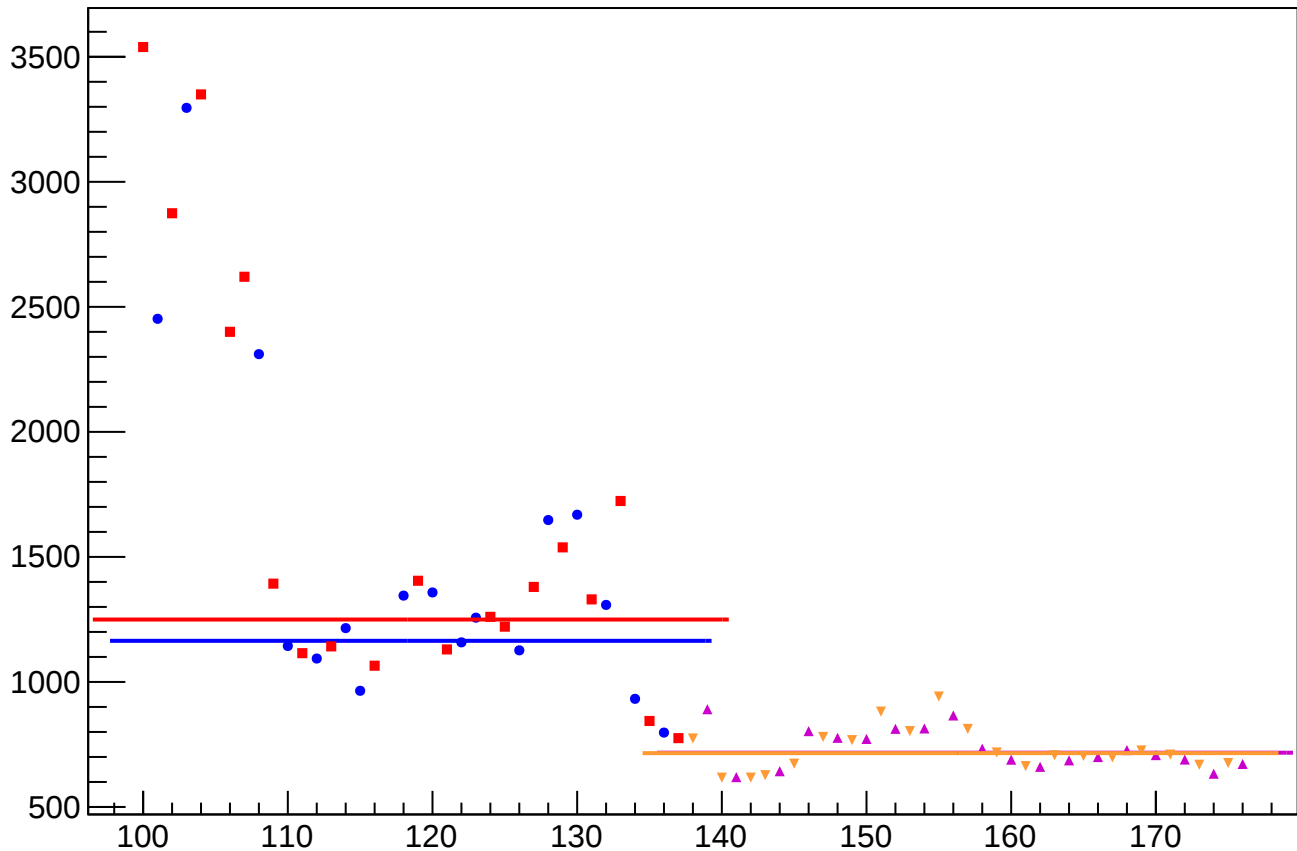
Left In: -0.147 ± 0.188 χ^2/NDF : 24.6/18

+ sign -0.897 ± 0.173 χ^2/NDF : 78.0/36

All: -0.567 ± 0.123 χ^2/NDF : 123.4/74

- sign -0.227 ± 0.176 χ^2/NDF : 38.0/37

diff_cav4cX_rms vs Slug



Right In: 1164.459 $\pm$ 0.342 χ^2 /NDF: 1584212.9/16

Left Out: 715.353 $\pm$ 0.131 χ^2 /NDF: 332943.4/19

Right Out: 1249.596 $\pm$ 0.354 χ^2 /NDF: 1650133.1/18

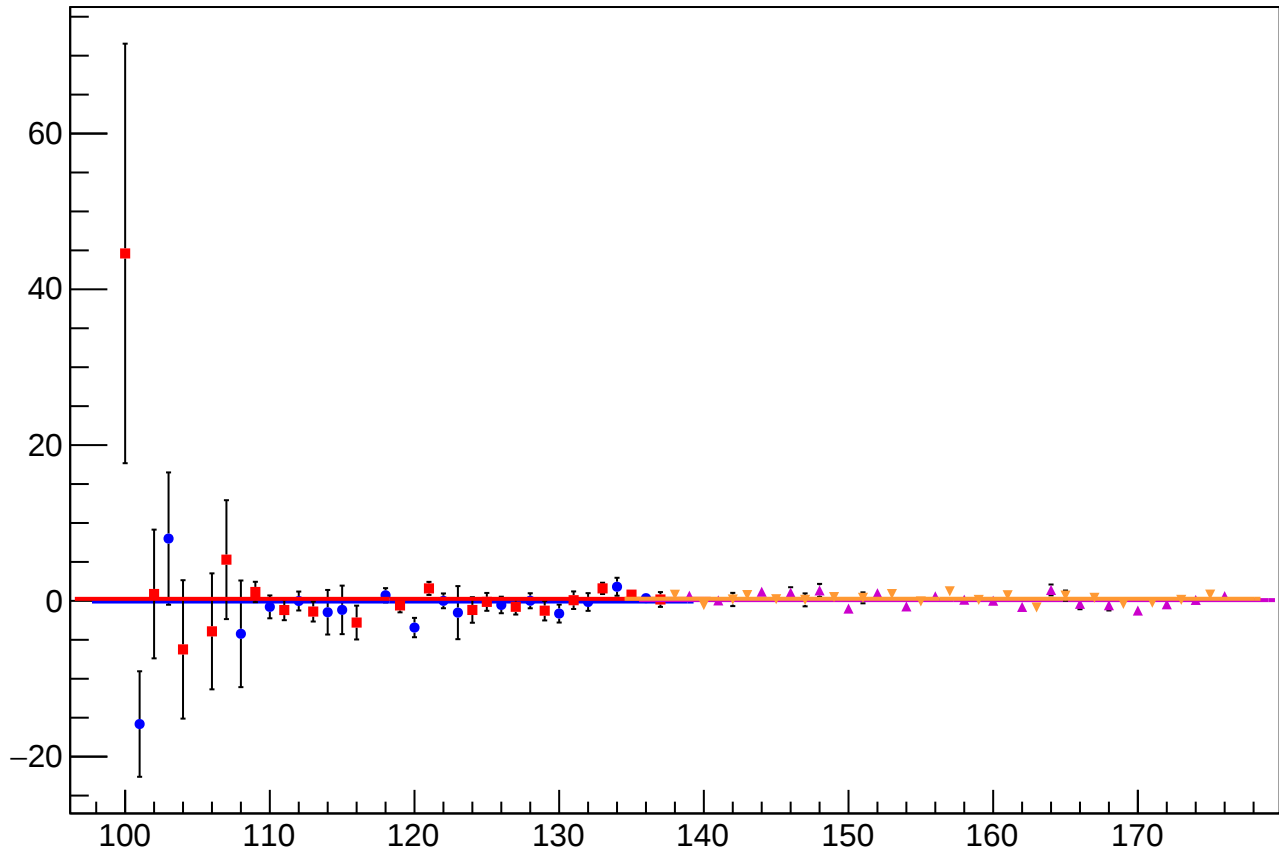
Left In: 717.026 $\pm$ 0.133 χ^2 /NDF: 304151.8/18

+ sign 772.942 $\pm$ 0.123 χ^2 /NDF: 3417504.8/36

All: 777.664 $\pm$ 0.087 χ^2 /NDF: 7354563.8/74

- sign 782.521 $\pm$ 0.124 χ^2 /NDF: 3934048.4/37

diff_cav4cY_mean vs Slug



Right In: -0.086 ± 0.270 χ^2/NDF : 21.1/16

Left Out: 0.271 ± 0.135 χ^2/NDF : 15.0/19

Right Out: 0.259 ± 0.264 χ^2/NDF : 20.4/18

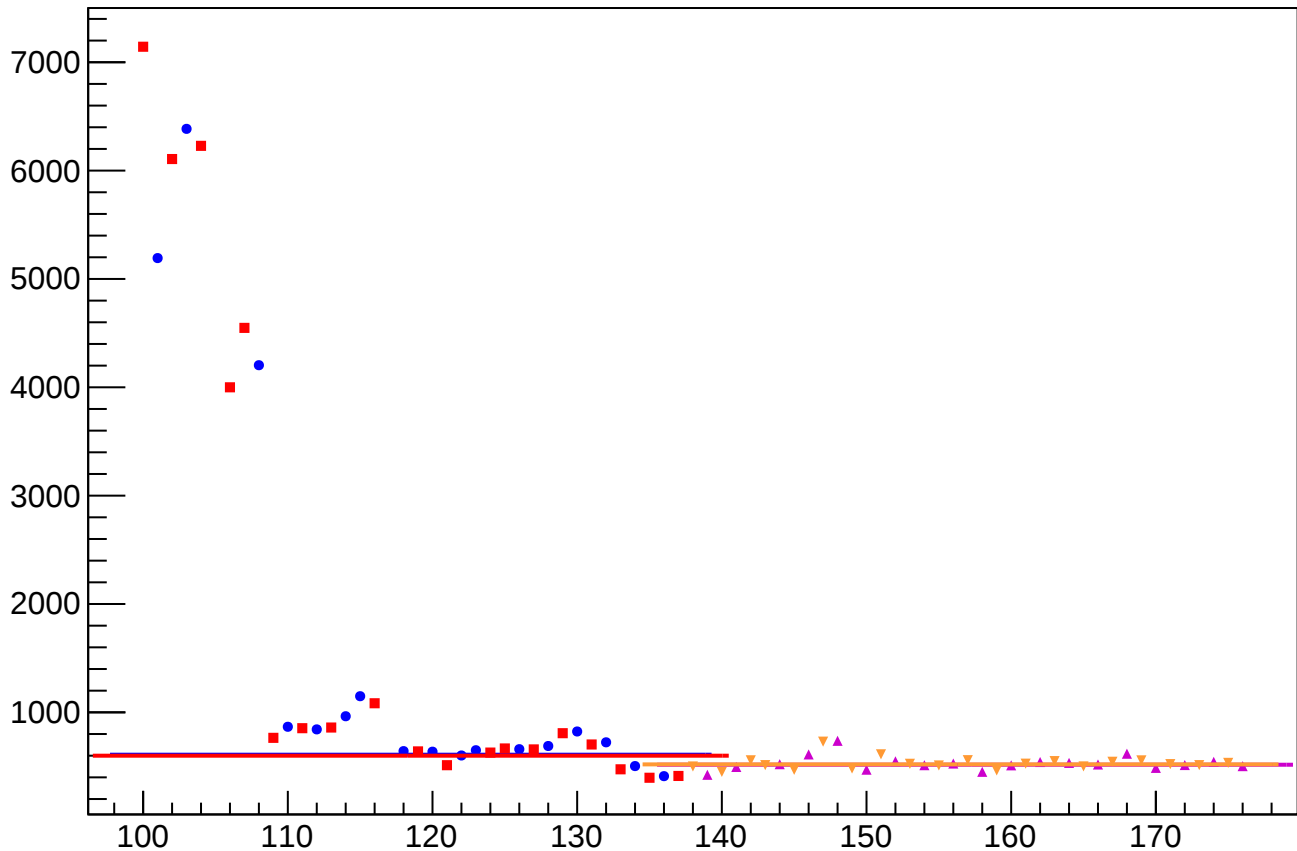
Left In: 0.096 ± 0.136 χ^2/NDF : 33.0/18

+ sign 0.199 ± 0.121 χ^2/NDF : 37.4/36

All: 0.165 ± 0.085 χ^2/NDF : 91.3/74

- sign 0.130 ± 0.121 χ^2/NDF : 53.7/37

diff_cav4cY_rms vs Slug



Right In: 609.016 $\pm$ 0.191 χ^2 /NDF: 3139231.5/16

Left Out: 519.700 $\pm$ 0.095 χ^2 /NDF: 283596.7/19

Right Out: 599.910 $\pm$ 0.187 χ^2 /NDF: 3547599.8/18

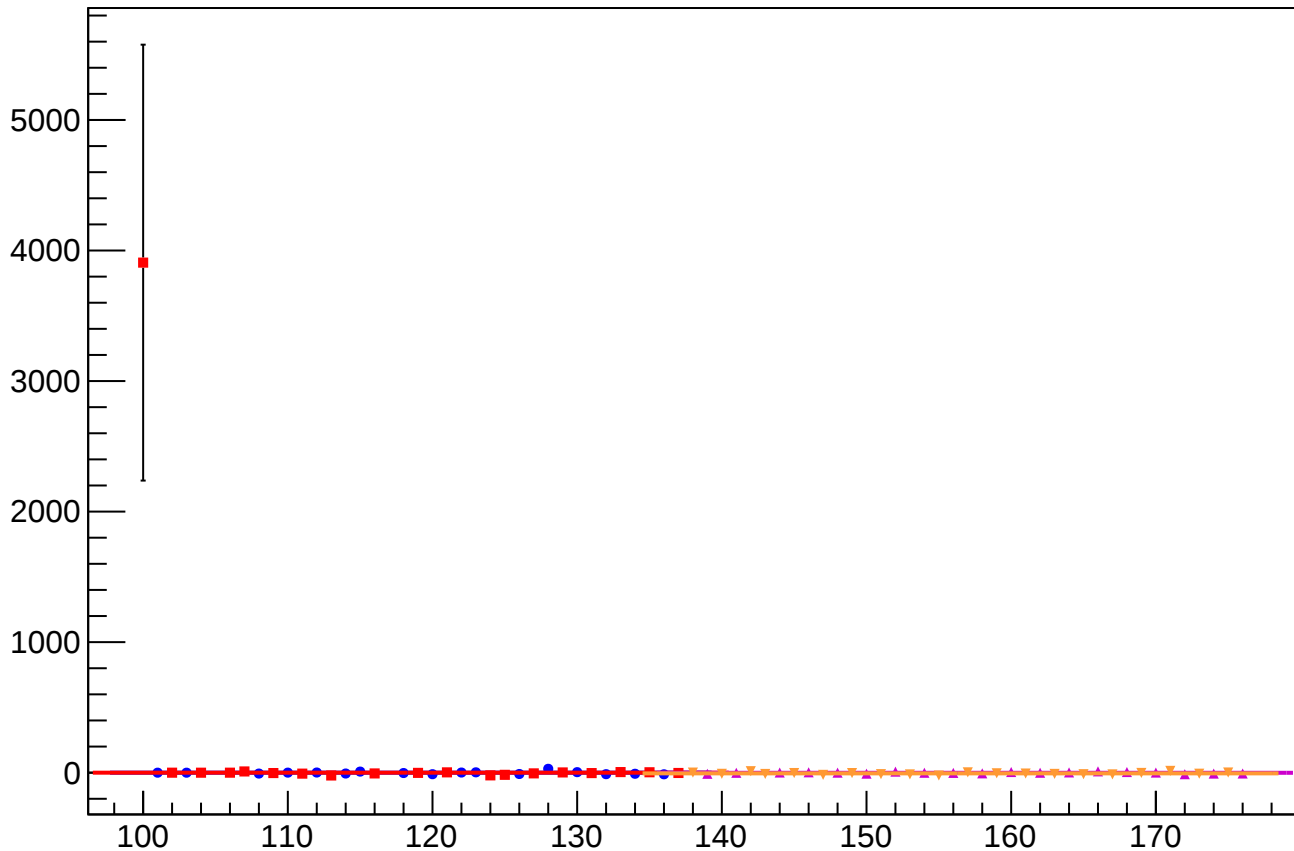
Left In: 516.477 $\pm$ 0.096 χ^2 /NDF: 367331.0/18

+ sign 537.531 $\pm$ 0.085 χ^2 /NDF: 3597794.2/36

All: 535.693 $\pm$ 0.060 χ^2 /NDF: 7671393.4/74

- sign 533.857 $\pm$ 0.085 χ^2 /NDF: 4072672.4/37

diff_cav4dX_mean vs Slug



Right In: -0.022 ± 0.021 χ^2/NDF : 15.3/16

Left Out: -5.341 ± 1.080 χ^2/NDF : 55.4/19

Right Out: -0.027 ± 0.020 χ^2/NDF : 17.3/18

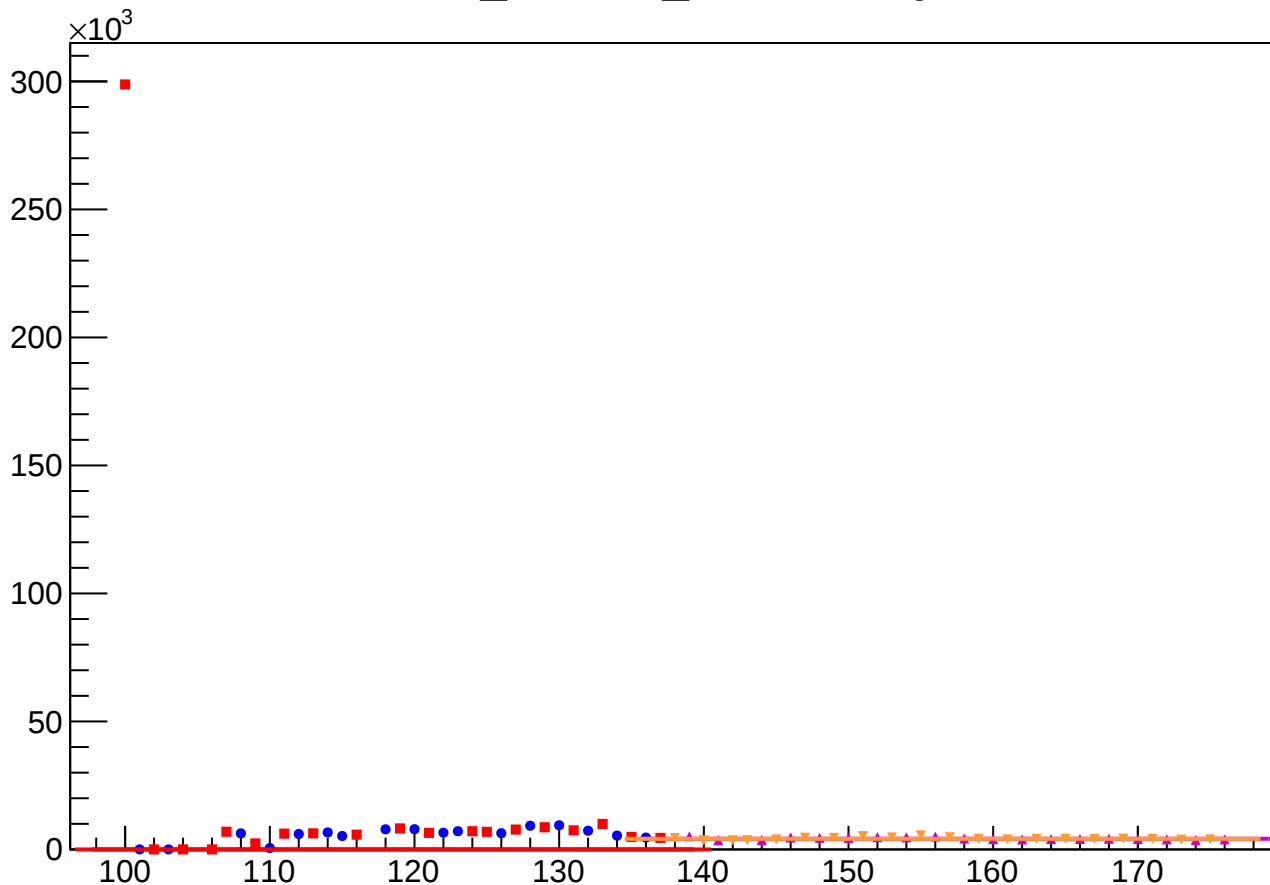
Left In: -0.907 ± 1.094 χ^2/NDF : 24.7/18

+ sign -0.024 ± 0.021 χ^2/NDF : 94.9/36

All: -0.025 ± 0.014 χ^2/NDF : 137.5/74

- sign -0.027 ± 0.020 χ^2/NDF : 42.6/37

diff_cav4dX_rms vs Slug



Right In: 17.337+/-0.015 χ^2/NDF : 10359409.4/16

Left Out: 4157.671+/-0.763 χ^2/NDF : 356711.7/19

Right Out: 17.268+/-0.014 χ^2/NDF : 10813350.8/18

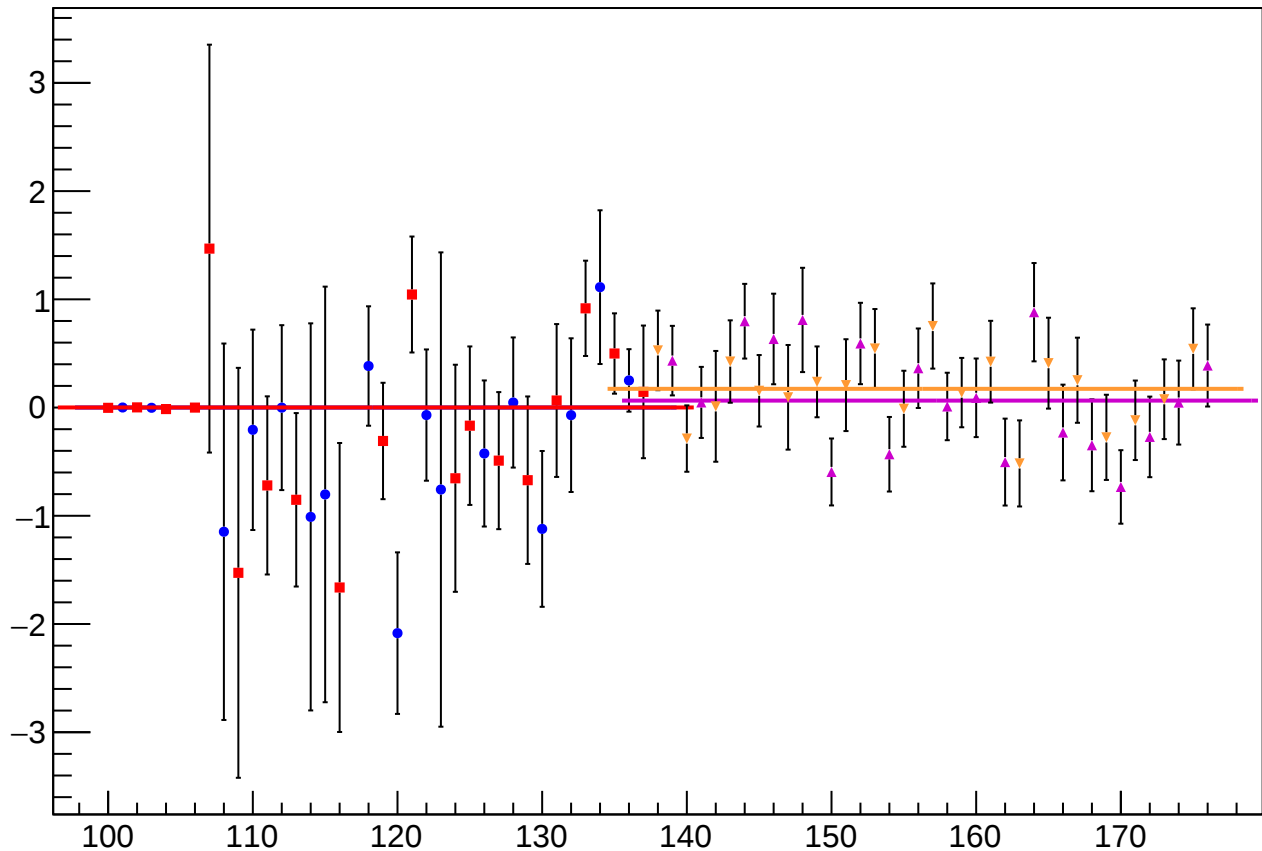
Left In: 4176.779+/-0.773 χ^2/NDF : 313814.3/18

+ sign 18.872+/-0.015 χ^2/NDF : 40118010.4/36

All: 18.744+/-0.010 χ^2/NDF : 80166178.0/74

- sign 18.628+/-0.014 χ^2/NDF : 40048022.7/37

diff_cav4dY_mean vs Slug



Right In: 0.000 ± 0.002 χ^2/NDF : 15.6/16

Left Out: 0.173 ± 0.084 χ^2/NDF : 14.1/19

Right Out: 0.001 ± 0.002 χ^2/NDF : 17.8/18

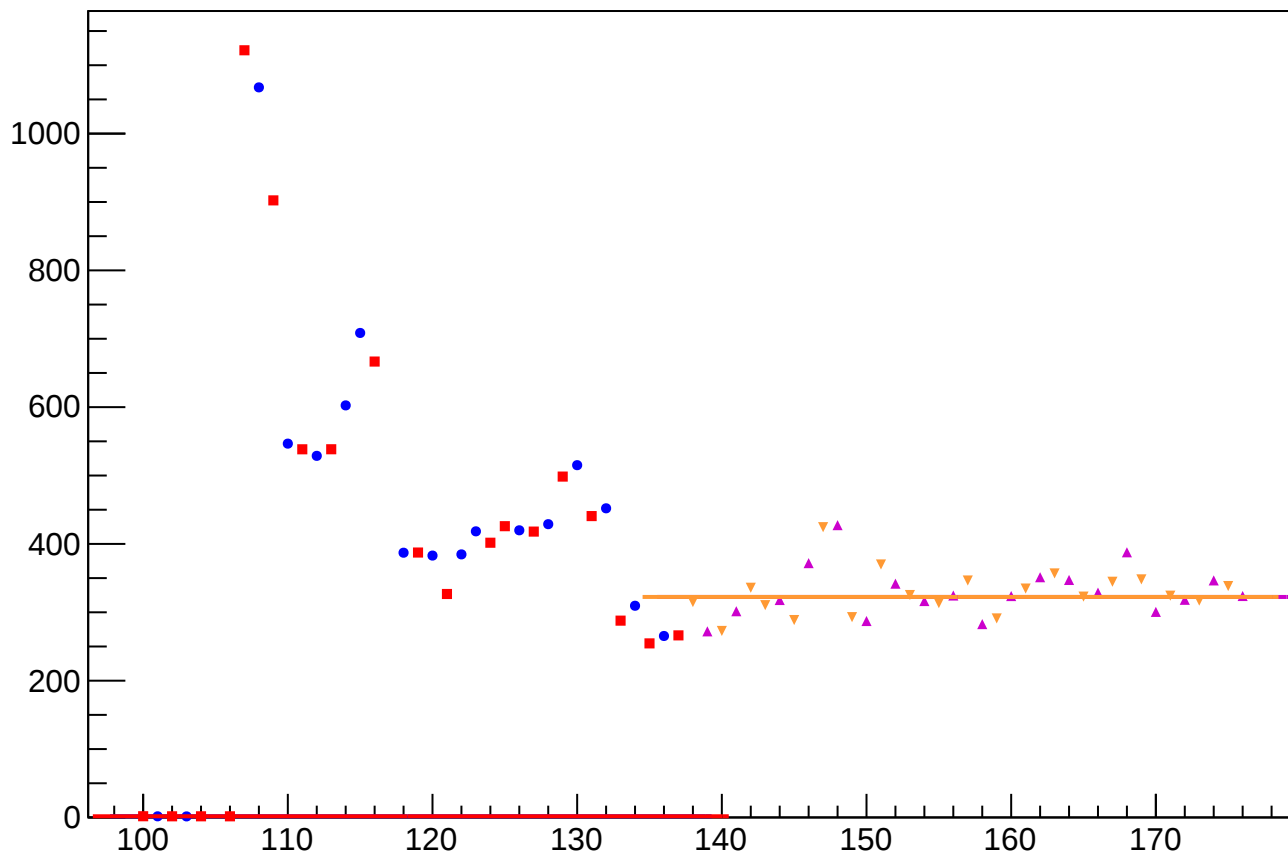
Left In: 0.064 ± 0.085 χ^2/NDF : 33.1/18

+ sign 0.000 ± 0.002 χ^2/NDF : 34.0/36

All: 0.001 ± 0.001 χ^2/NDF : 85.4/74

- sign 0.001 ± 0.002 χ^2/NDF : 51.4/37

diff_cav4dY_rms vs Slug



Right In: 1.698 $\pm$ 0.001 χ^2 /NDF: 10911617.0/16

Left Out: 322.459 $\pm$ 0.059 χ^2 /NDF: 272260.9/19

Right Out: 1.728 $\pm$ 0.001 χ^2 /NDF: 10736674.8/18

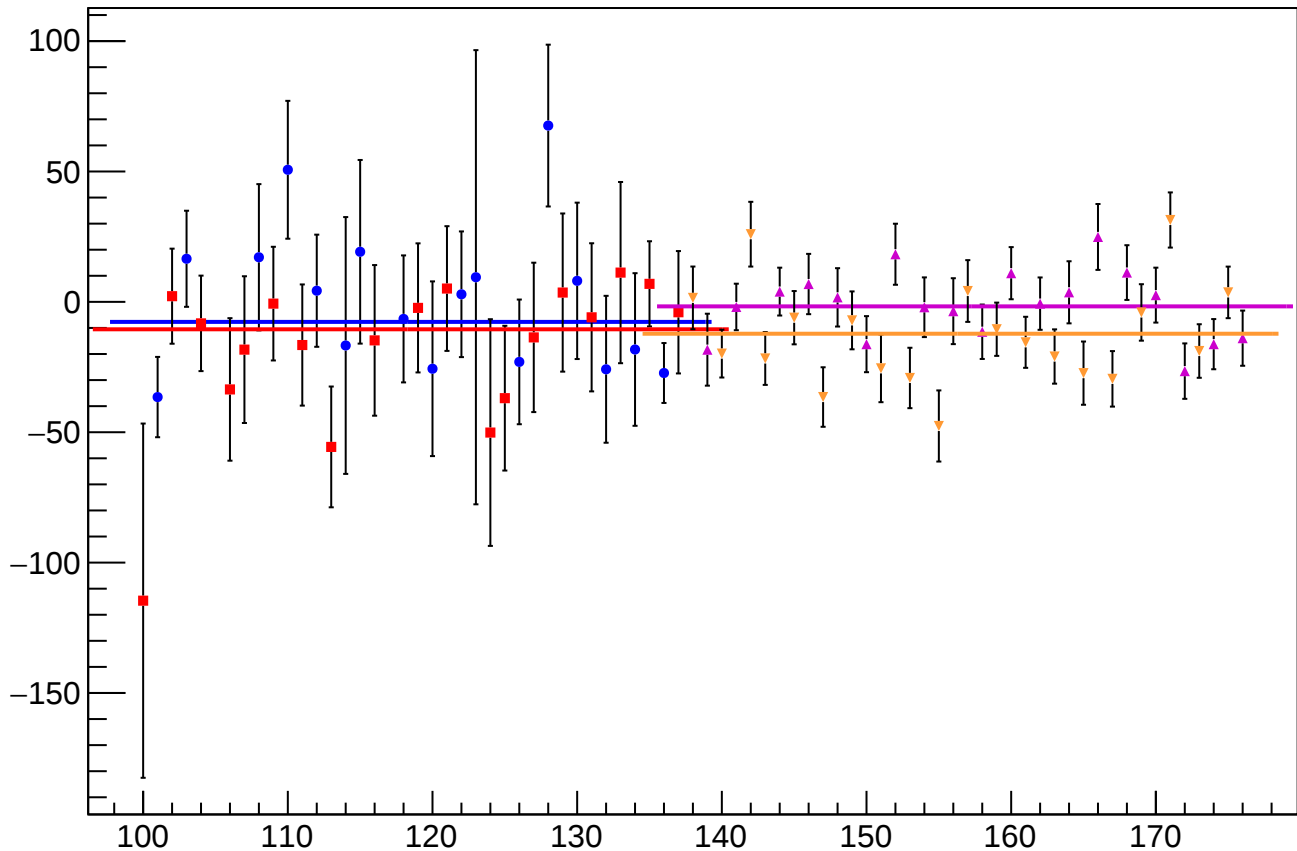
Left In: 322.436 $\pm$ 0.060 χ^2 /NDF: 324987.4/18

+ sign 1.886 $\pm$ 0.001 χ^2 /NDF: 40541307.6/36

All: 1.892 $\pm$ 0.001 χ^2 /NDF: 80350714.3/74

- sign 1.897 $\pm$ 0.001 χ^2 /NDF: 39809377.7/37

diff_bpm4aX_mean vs Slug



Right In: -7.683 ± 5.627 χ^2/NDF : 22.4/16

Left Out: -12.221 ± 2.437 χ^2/NDF : 54.9/19

Right Out: -10.524 ± 5.682 χ^2/NDF : 11.9/18

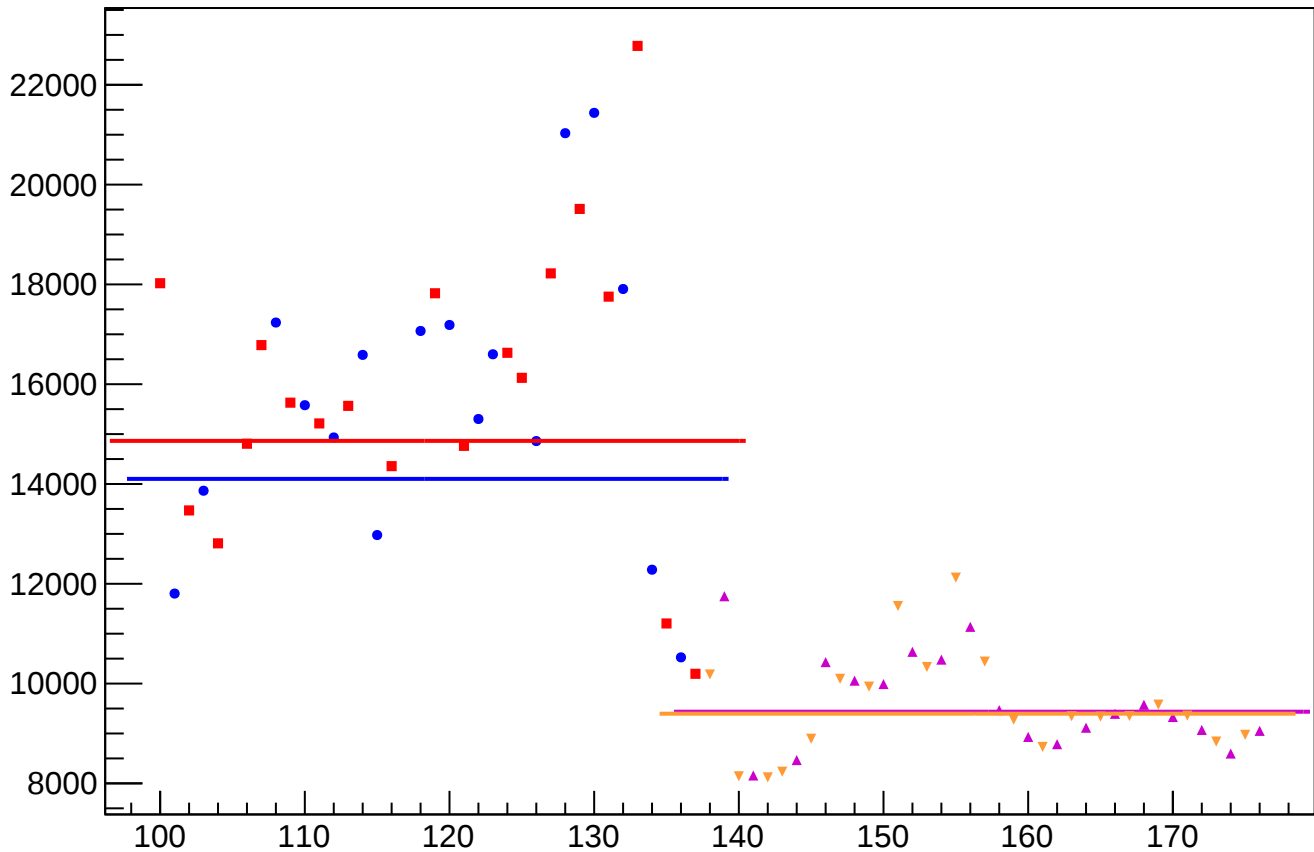
Left In: -1.731 ± 2.468 χ^2/NDF : 25.1/18

+ sign -11.504 ± 2.237 χ^2/NDF : 77.8/36

All: -7.367 ± 1.591 χ^2/NDF : 123.7/74

- sign -3.127 ± 2.264 χ^2/NDF : 39.0/37

diff_bpm4aX_rms vs Slug



Right In: 14102.522+/-3.979 χ^2/NDF : 598934.8/16

Left Out: 9396.603+/-1.723 χ^2/NDF : 294198.4/19

Right Out: 14864.163+/-4.018 χ^2/NDF : 470280.3/18

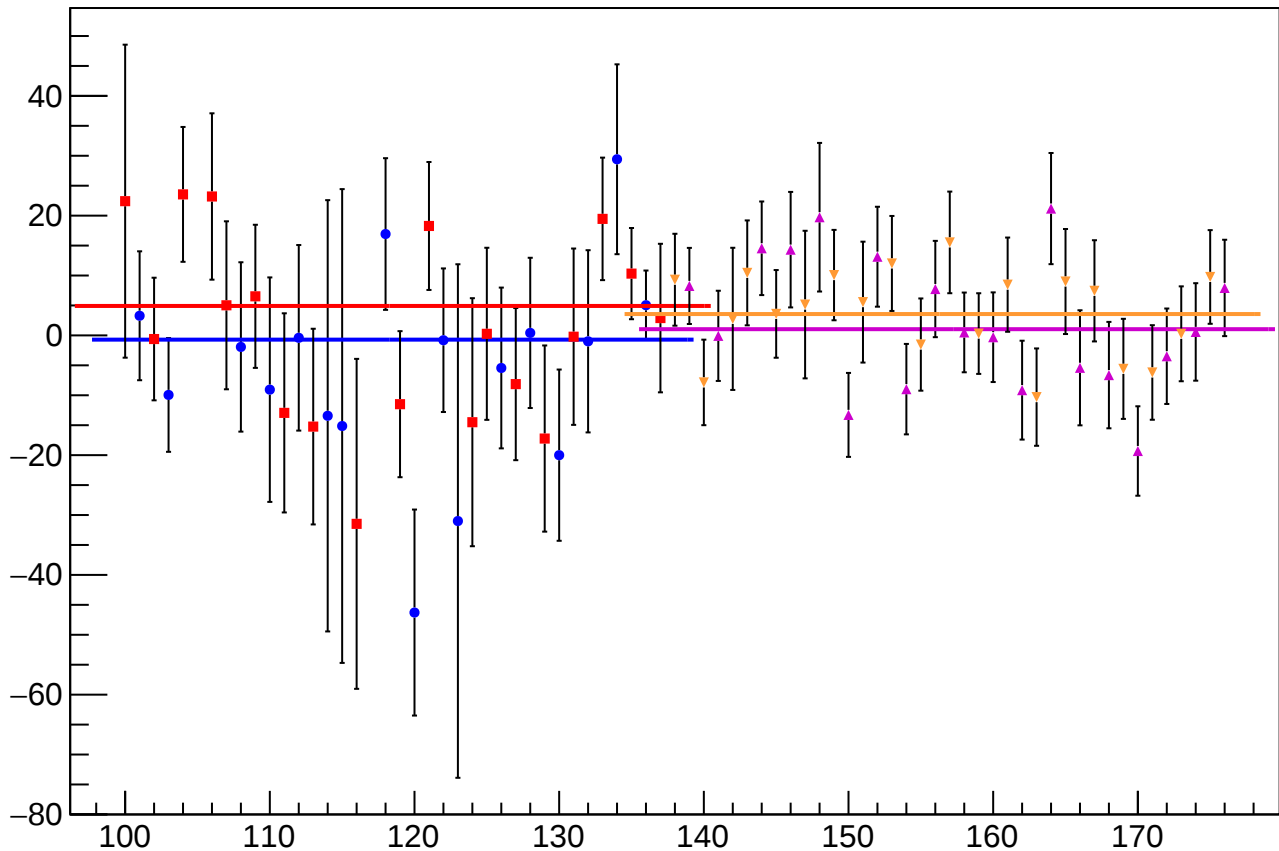
Left In: 9436.431+/-1.745 χ^2/NDF : 255562.6/18

+ sign 10139.990+/-1.581 χ^2/NDF : 2070904.3/36

All: 10218.087+/-1.125 χ^2/NDF : 4336827.2/7

- sign 10298.117+/-1.601 χ^2/NDF : 2260985.2/37

diff_bpm4aY_mean vs Slug



Right In: -0.708 ± 3.084 χ^2/NDF : 17.6/16

Left Out: 3.565 ± 1.829 χ^2/NDF : 15.8/19

Right Out: 4.918 ± 2.940 χ^2/NDF : 19.8/18

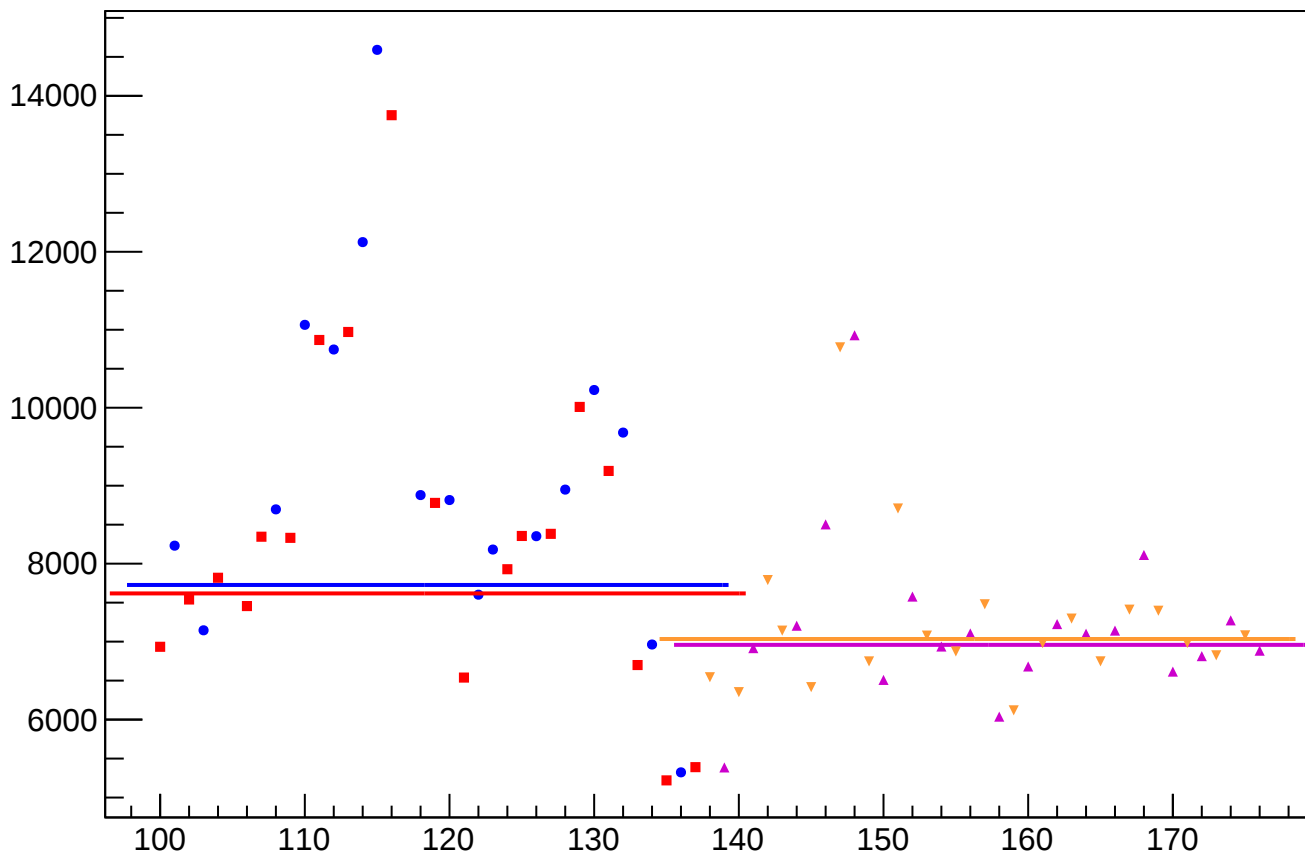
Left In: 1.038 ± 1.832 χ^2/NDF : 33.1/18

+ sign 2.453 ± 1.573 χ^2/NDF : 34.7/36

All: 2.286 ± 1.106 χ^2/NDF : 88.9/74

- sign 2.123 ± 1.555 χ^2/NDF : 54.1/37

diff_bpm4aY_rms vs Slug



Right In: 7726.745+/-2.180 χ^2/NDF : 742512.8/16

Left Out: 7033.610+/-1.293 χ^2/NDF : 348122.0/19

Right Out: 7618.206+/-2.079 χ^2/NDF : 675125.4/18

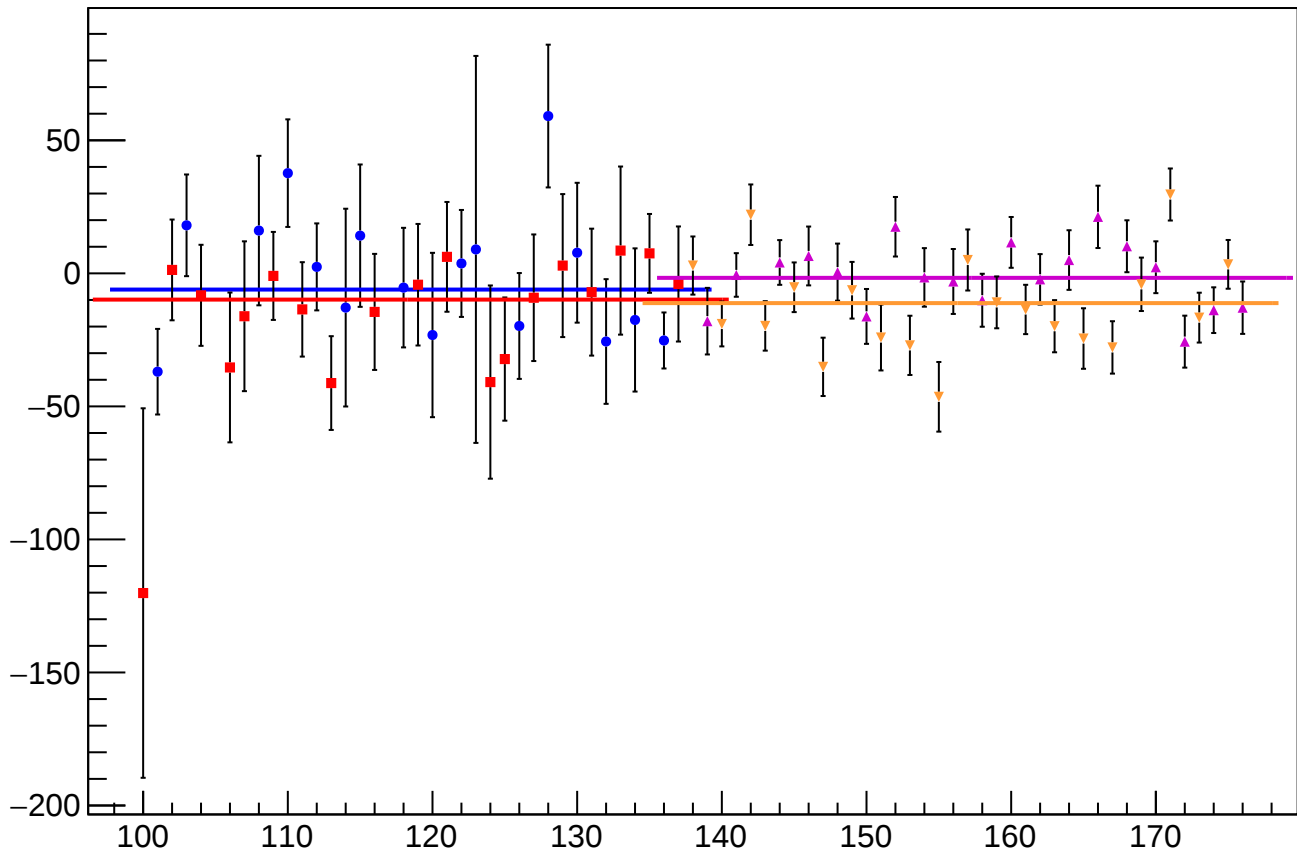
Left In: 6958.507+/-1.295 χ^2/NDF : 486472.4/18

+ sign 7214.015+/-1.112 χ^2/NDF : 1165390.6/36

All: 7178.091+/-0.782 χ^2/NDF : 2401609.0/74

- sign 7143.009+/-1.099 χ^2/NDF : 1234156.8/37

diff_bpm4eX_mean vs Slug



Right In: -6.092 ± 5.034 χ^2/NDF : 22.9/16

Left Out: -11.182 ± 2.278 χ^2/NDF : 55.5/19

Right Out: -9.864 ± 5.004 χ^2/NDF : 11.6/18

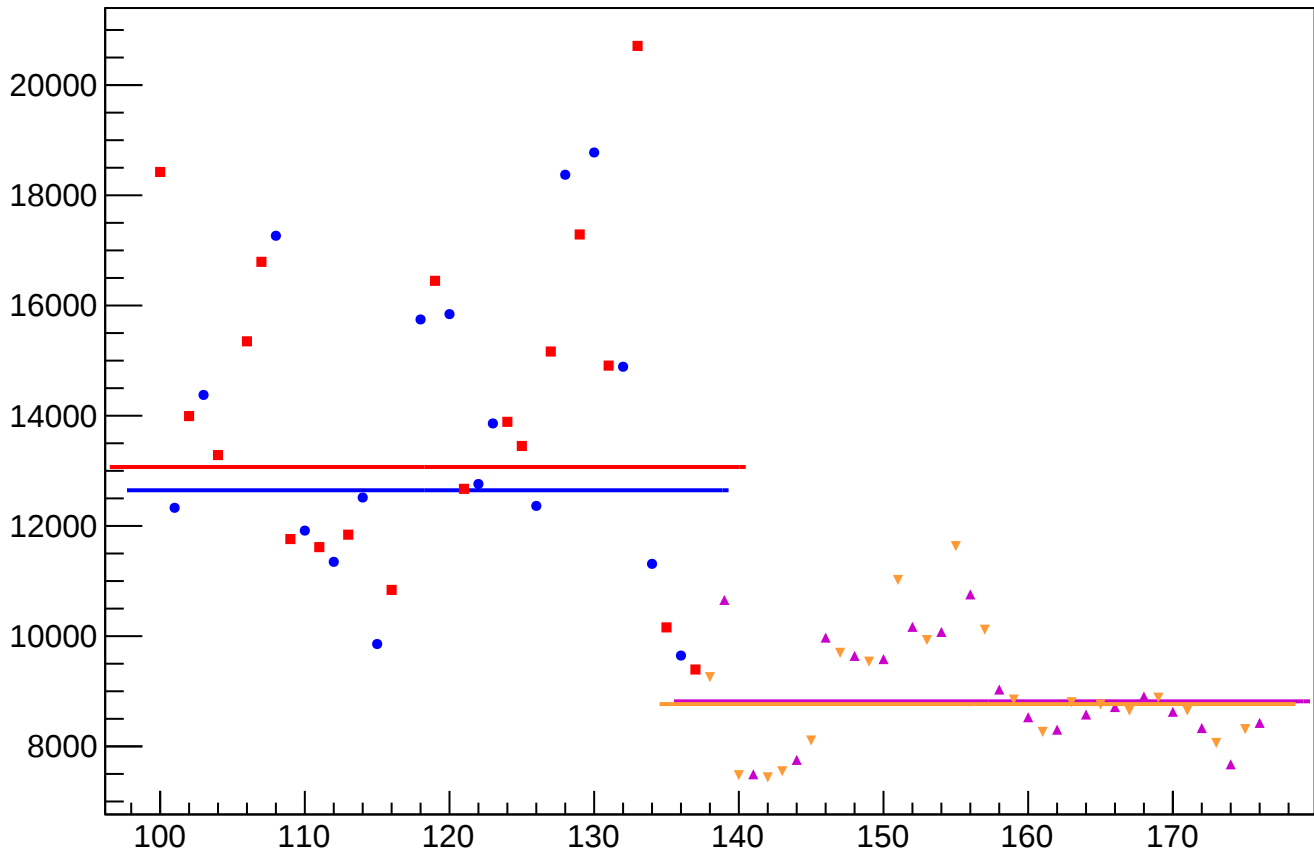
Left In: -1.691 ± 2.309 χ^2/NDF : 25.5/18

+ sign -10.317 ± 2.075 χ^2/NDF : 79.3/36

All: -6.759 ± 1.475 χ^2/NDF : 124.6/74

- sign -3.127 ± 2.097 χ^2/NDF : 39.4/37

diff_bpm4eX_rms vs Slug



Right In: 12647.257+/-3.559 χ^2/NDF : 554320.4/16

Left Out: 8767.546+/-1.611 χ^2/NDF : 382329.5/19

+ sign 9426.941+/-1.467 χ^2/NDF : 1922826.1/36

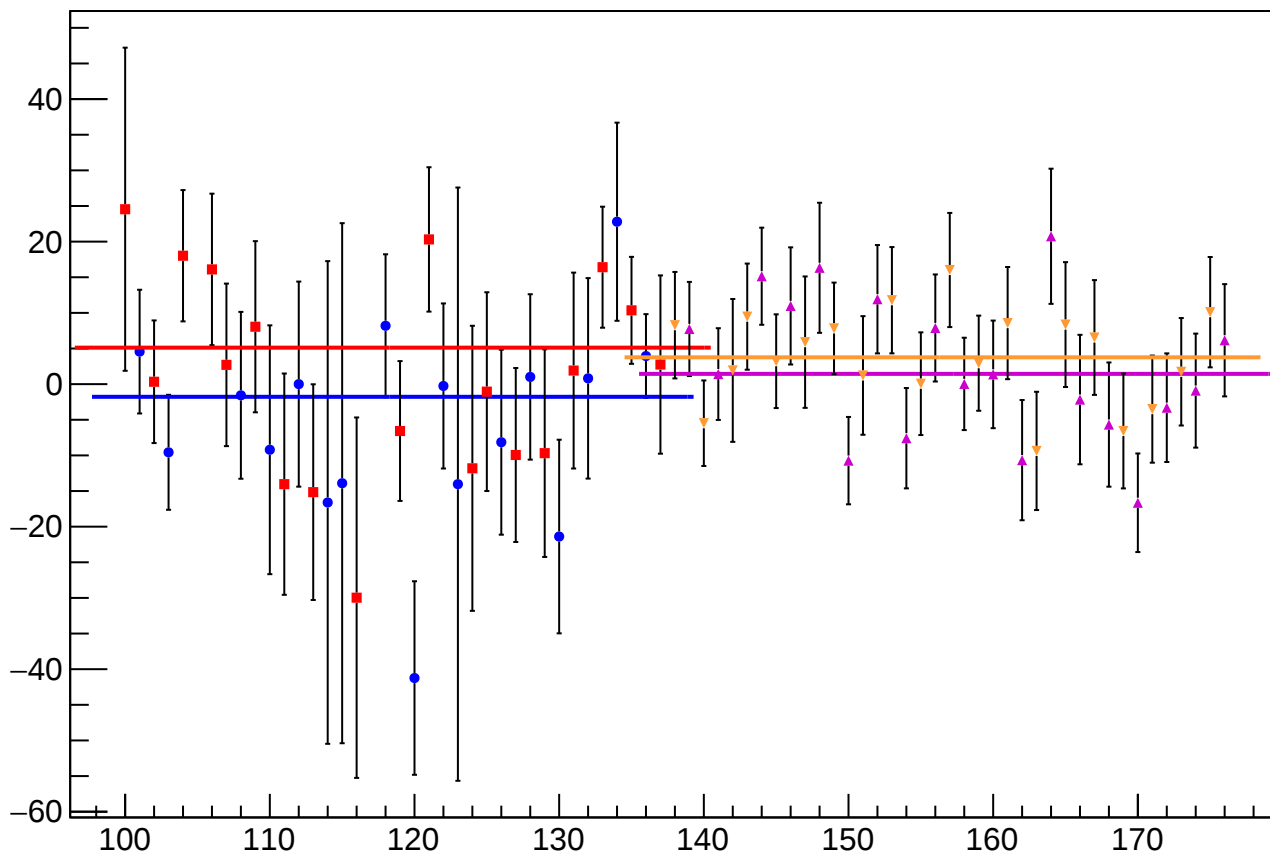
Right Out: 13069.930+/-3.538 χ^2/NDF : 496271.7/18

All: 9494.908+/-1.043 χ^2/NDF : 3946569.6/74

Left In: 8817.441+/-1.633 χ^2/NDF : 332202.2/18

- sign 9564.302+/-1.483 χ^2/NDF : 2019407.6/37

diff_bpm4eY_mean vs Slug



Right In: -1.777 ± 2.806 χ^2/NDF : 18.0/16

Left Out: 3.764 ± 1.693 χ^2/NDF : 14.3/19

Right Out: 5.122 ± 2.642 χ^2/NDF : 18.9/18

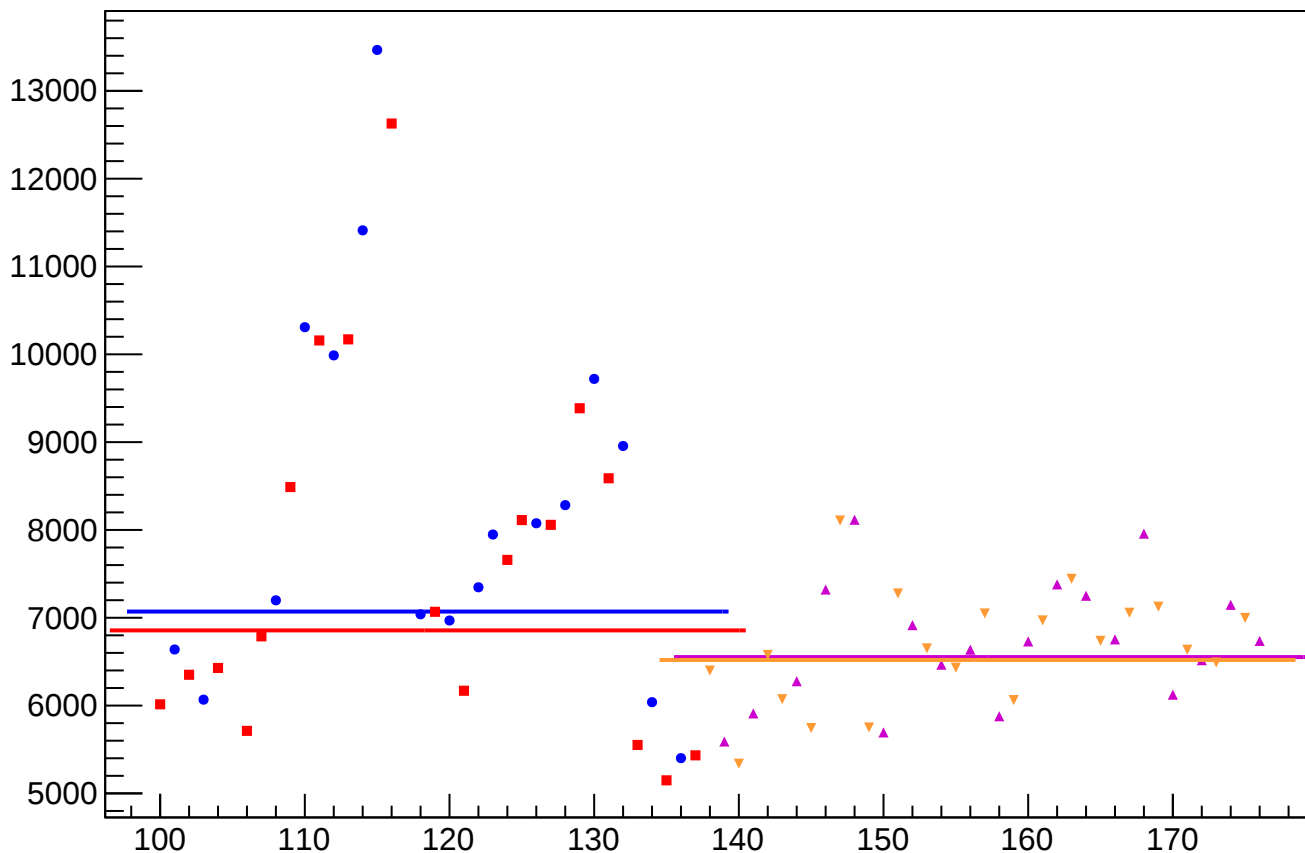
Left In: 1.442 ± 1.718 χ^2/NDF : 31.9/18

+ sign 2.285 ± 1.449 χ^2/NDF : 35.1/36

All: 2.411 ± 1.022 χ^2/NDF : 87.3/74

- sign 2.535 ± 1.440 χ^2/NDF : 52.2/37

diff_bpm4eY_rms vs Slug



Right In: 7070.672+/-1.984 χ^2/NDF : 601692.5/16

Left Out: 6519.494+/-1.197 χ^2/NDF : 297641.5/19

Right Out: 6856.136+/-1.868 χ^2/NDF : 682220.3/18

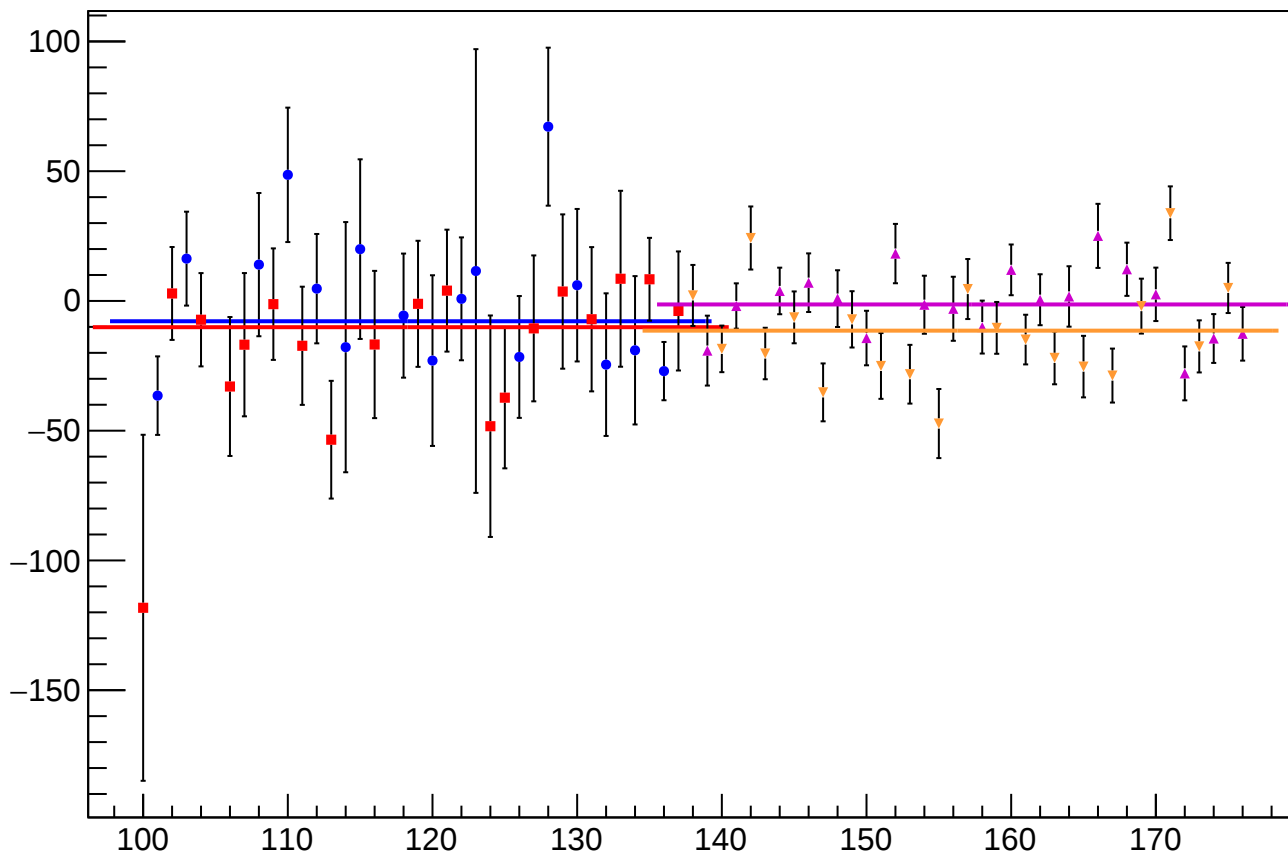
Left In: 6552.476+/-1.215 χ^2/NDF : 311779.3/18

+ sign 6666.572+/-1.025 χ^2/NDF : 955910.5/36

All: 6654.564+/-0.722 χ^2/NDF : 1968754.1/74

- sign 6642.711+/-1.018 χ^2/NDF : 1012570.8/37

diff_bpm4acX_mean vs Slug



Right In: -7.825 ± 5.516 χ^2/NDF : 22.3/16

Left Out: -11.449 ± 2.383 χ^2/NDF : 57.4/19

Right Out: -10.117 ± 5.571 χ^2/NDF : 12.2/18

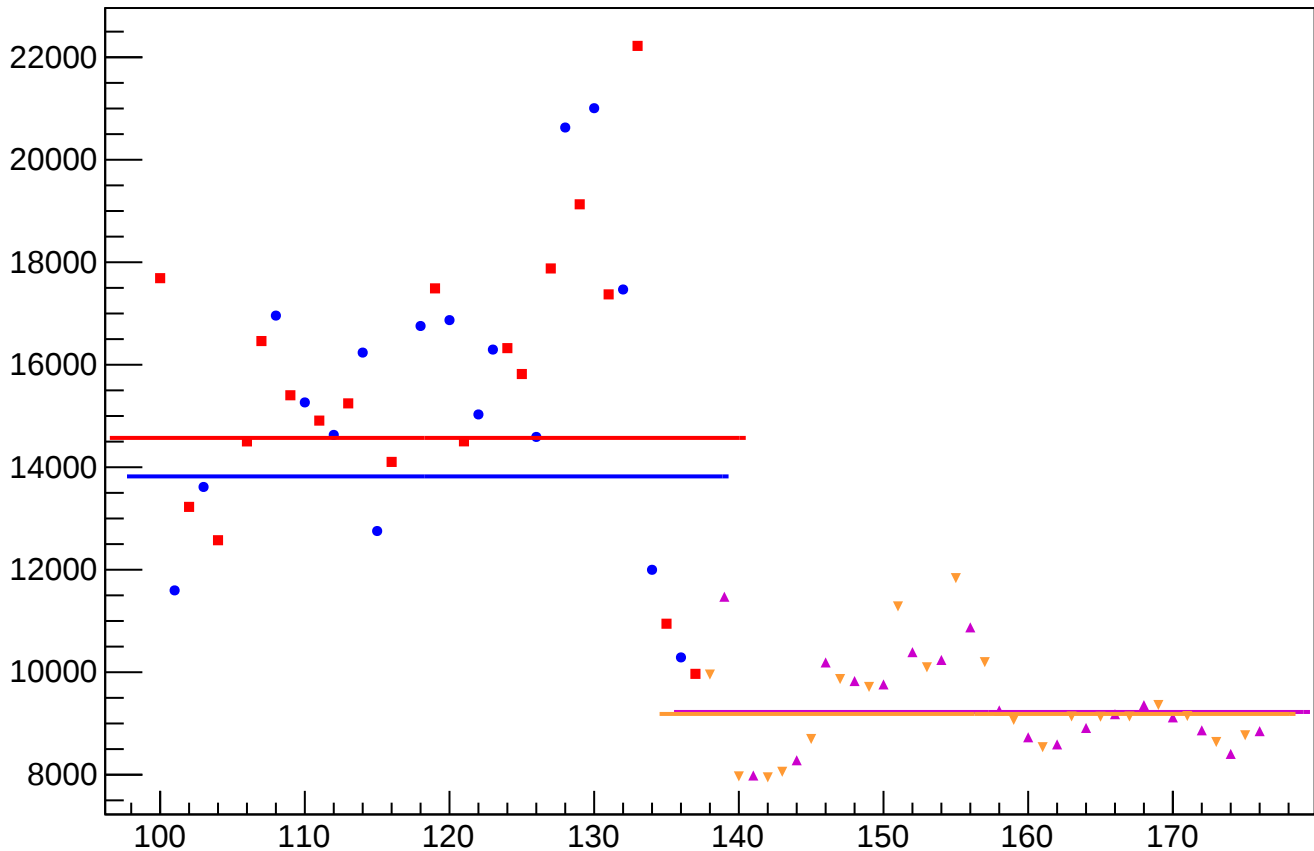
Left In: -1.350 ± 2.413 χ^2/NDF : 26.0/18

+ sign -10.879 ± 2.187 χ^2/NDF : 80.0/36

All: -6.857 ± 1.556 χ^2/NDF : 127.2/74

- sign -2.734 ± 2.214 χ^2/NDF : 40.3/37

diff_bpm4acX_rms vs Slug



Right In: 13821.195+/-3.900 χ^2/NDF : 602672.4/16

Left Out: 9186.118+/-1.685 χ^2/NDF : 291082.6/19

Right Out: 14572.437+/-3.939 χ^2/NDF : 472468.2/18

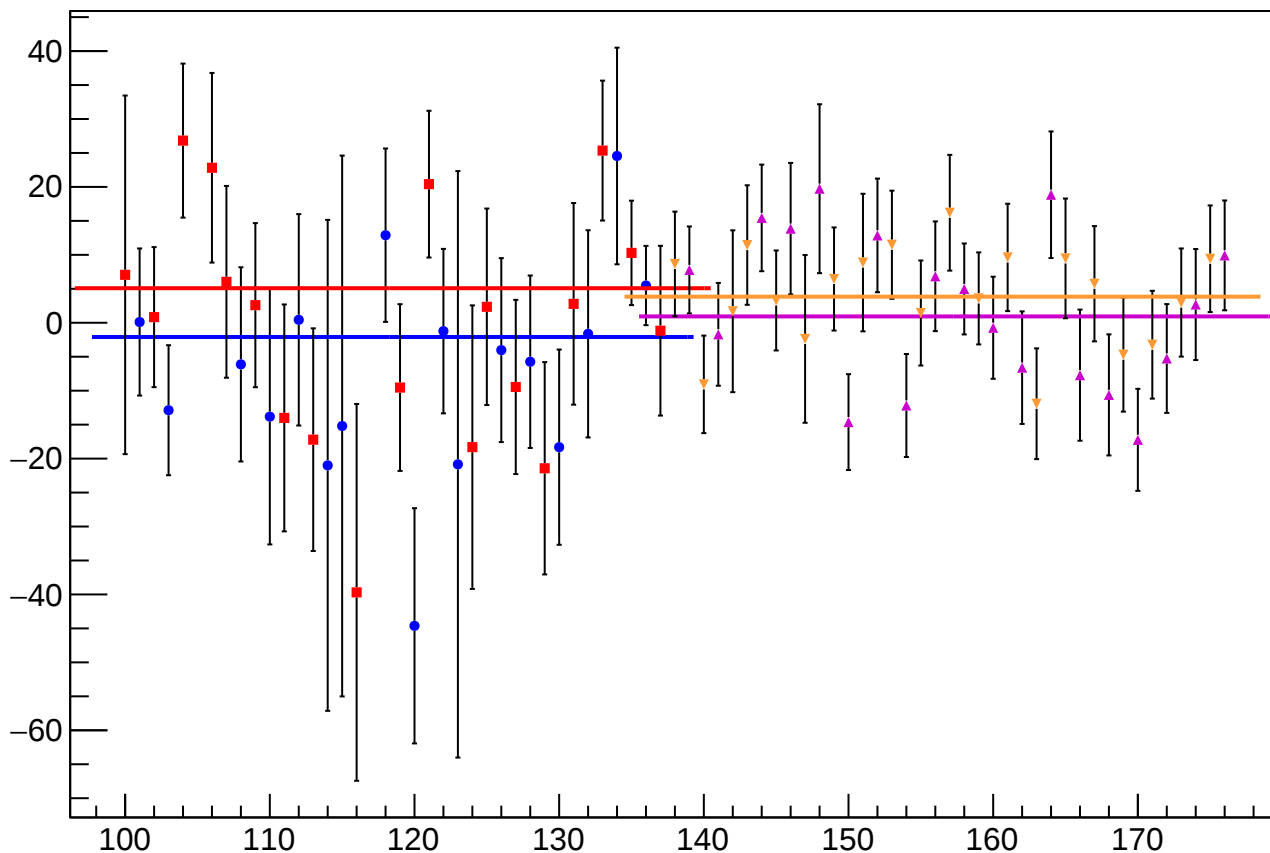
Left In: 9224.592+/-1.706 χ^2/NDF : 252732.9/18

+ sign 9914.939+/-1.547 χ^2/NDF : 2084003.3/36

All: 9991.159+/-1.100 χ^2/NDF : 4365919.9/74

- sign 10069.269+/-1.566 χ^2/NDF : 2276998.7/37

diff_bpm4acY_mean vs Slug



Right In: -2.098 ± 3.106 χ^2/NDF : 15.6/16

Left Out: 3.840 ± 1.837 χ^2/NDF : 15.2/19

Right Out: 5.085 ± 2.962 χ^2/NDF : 24.8/18

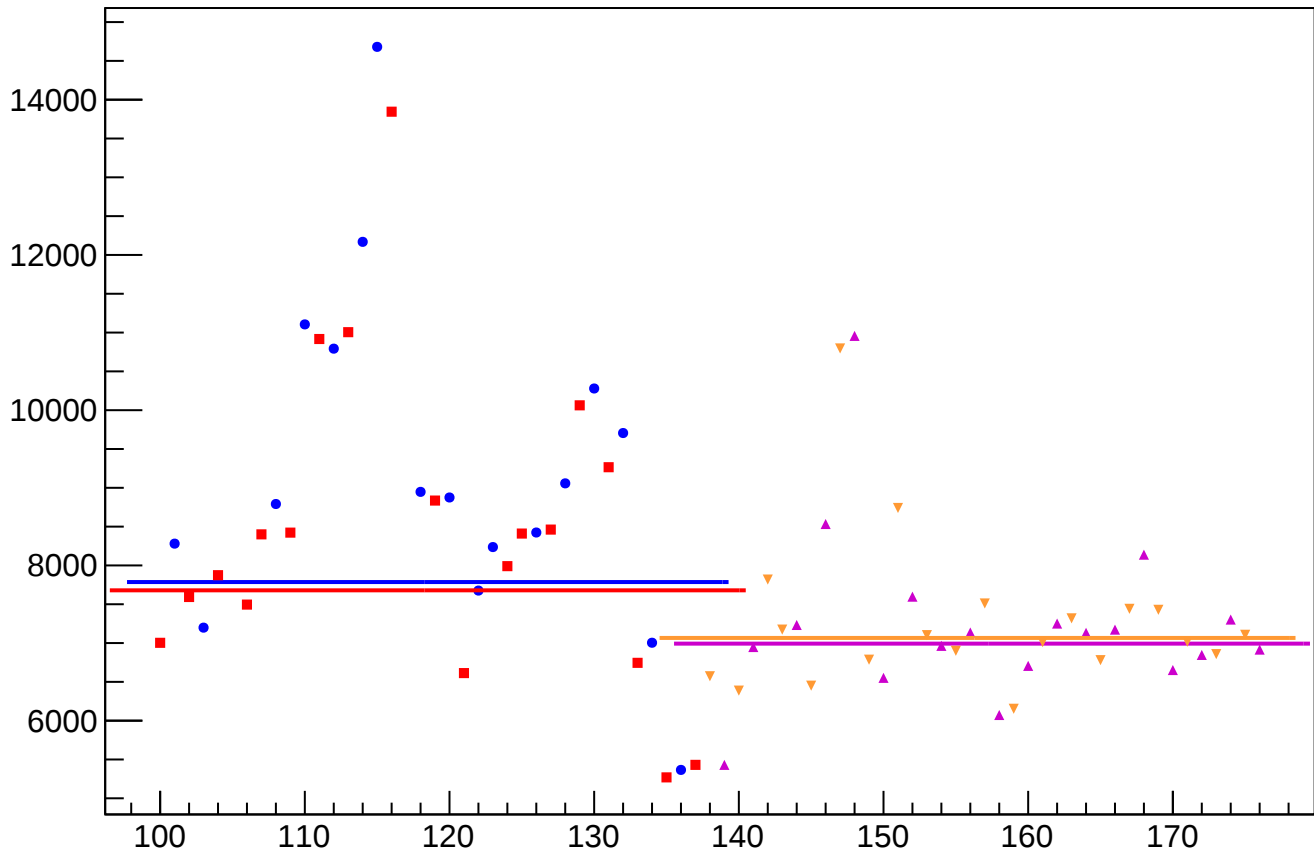
Left In: 0.934 ± 1.840 χ^2/NDF : 34.3/18

+ sign 2.302 ± 1.581 χ^2/NDF : 33.6/36

All: 2.194 ± 1.112 χ^2/NDF : 94.1/74

- sign 2.090 ± 1.563 χ^2/NDF : 60.5/37

diff_bpm4acY_rms vs Slug



Right In: 7785.931 $\pm$ 2.197 χ^2 /NDF: 738101.9/16

Left Out: 7065.915 $\pm$ 1.299 χ^2 /NDF: 344157.9/19

Right Out: 7679.182 $\pm$ 2.095 χ^2 /NDF: 668736.8/18

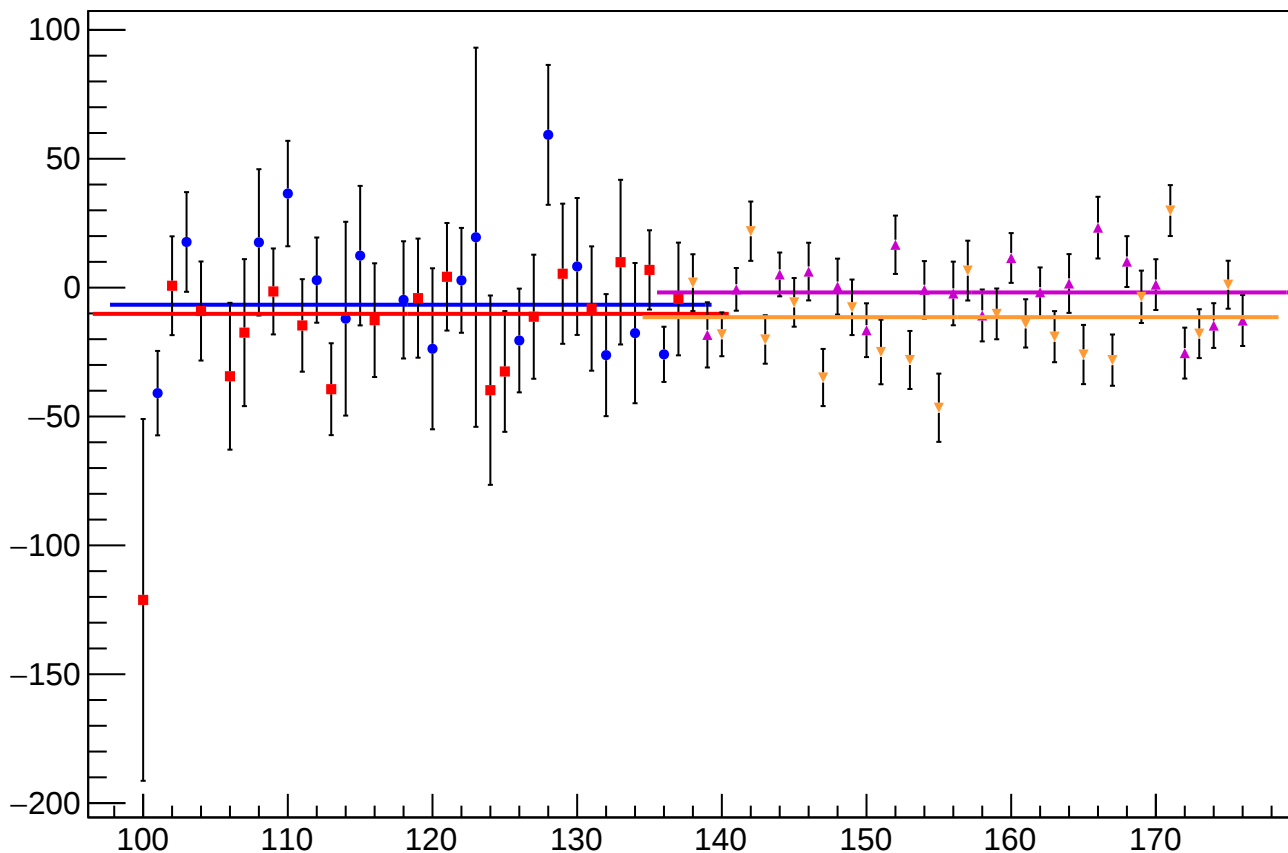
Left In: 6992.533 $\pm$ 1.301 χ^2 /NDF: 478331.6/18

+ sign 7252.488 $\pm$ 1.118 χ^2 /NDF: 1161862.0/36

All: 7217.716 $\pm$ 0.786 χ^2 /NDF: 2388382.7/74

- sign 7183.740 $\pm$ 1.105 χ^2 /NDF: 1224608.8/37

diff_bpm4ecX_mean vs Slug



Right In: -6.634 ± 5.101 χ^2/NDF : 23.4/16

Left Out: -11.458 ± 2.304 χ^2/NDF : 54.6/19

Right Out: -10.172 ± 5.075 χ^2/NDF : 10.8/18

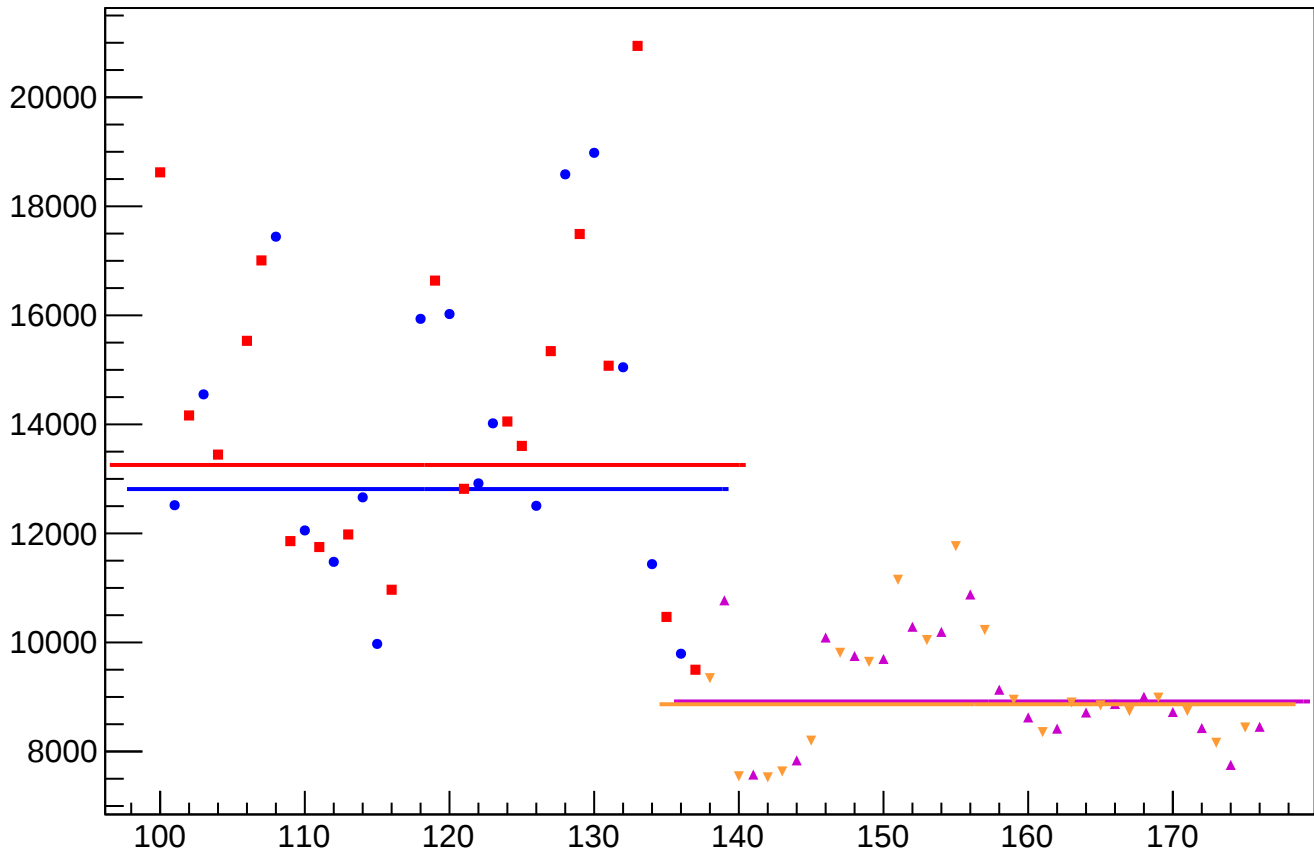
Left In: -1.864 ± 2.336 χ^2/NDF : 25.5/18

+ sign -10.641 ± 2.099 χ^2/NDF : 78.7/36

All: -7.019 ± 1.492 χ^2/NDF : 123.2/74

- sign -3.317 ± 2.122 χ^2/NDF : 38.5/37

diff_bpm4ecX_rms vs Slug



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 8866.346+/-1.629 χ^2/NDF : 382873.0/19

Right Out: 13255.535+/-3.588 χ^2/NDF : 484287.4/18

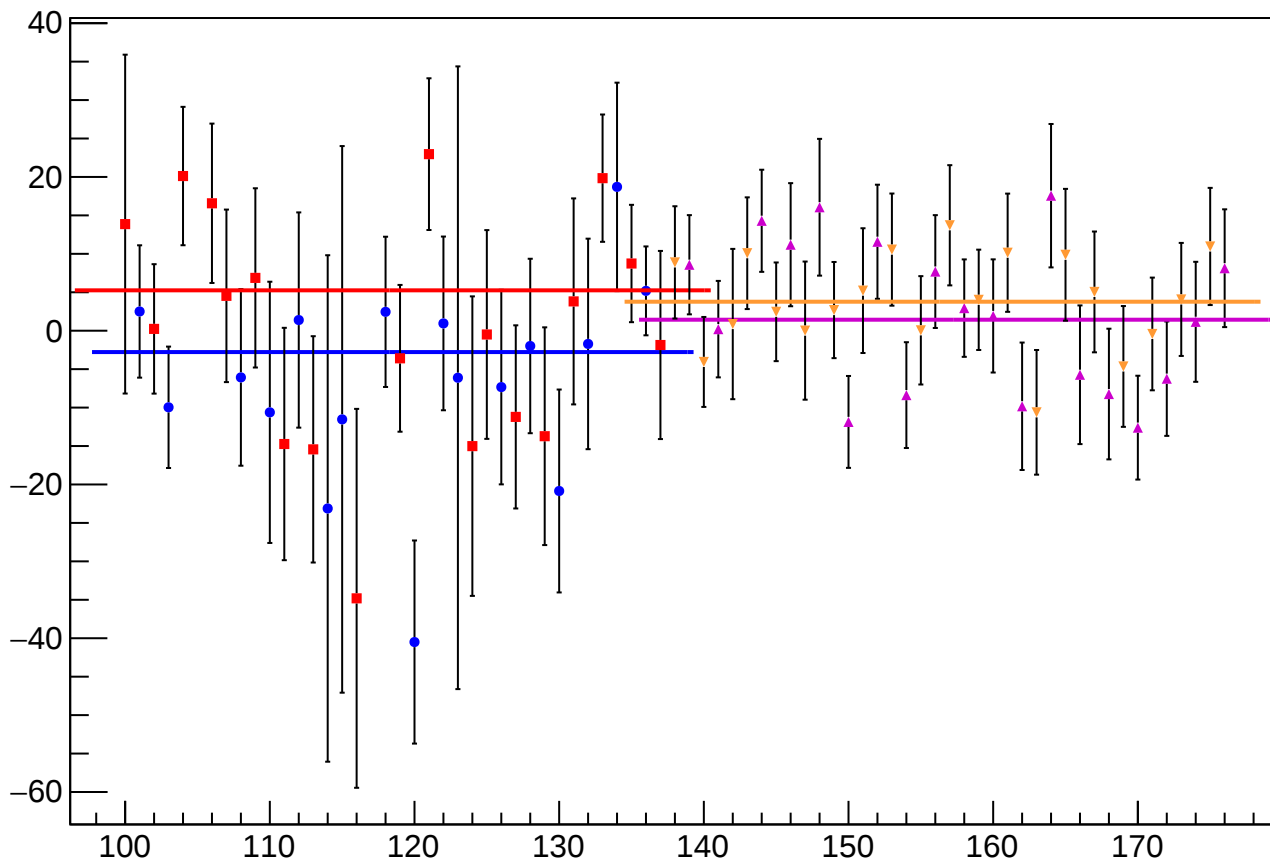
Left In: 8917.535+/-1.652 χ^2/NDF : 333921.5/18

+ sign 9534.902+/-1.485 χ^2/NDF : 1925695.6/36

All: 9604.760+/-1.055 χ^2/NDF : 3954234.9/74

- sign 9676.139+/-1.501 χ^2/NDF : 2024062.2/37

diff_bpm4ecY_mean vs Slug



Right In: -2.778 ± 2.747 χ^2/NDF : 17.0/16

Left Out: 3.772 ± 1.653 χ^2/NDF : 12.9/19

Right Out: 5.252 ± 2.590 χ^2/NDF : 23.5/18

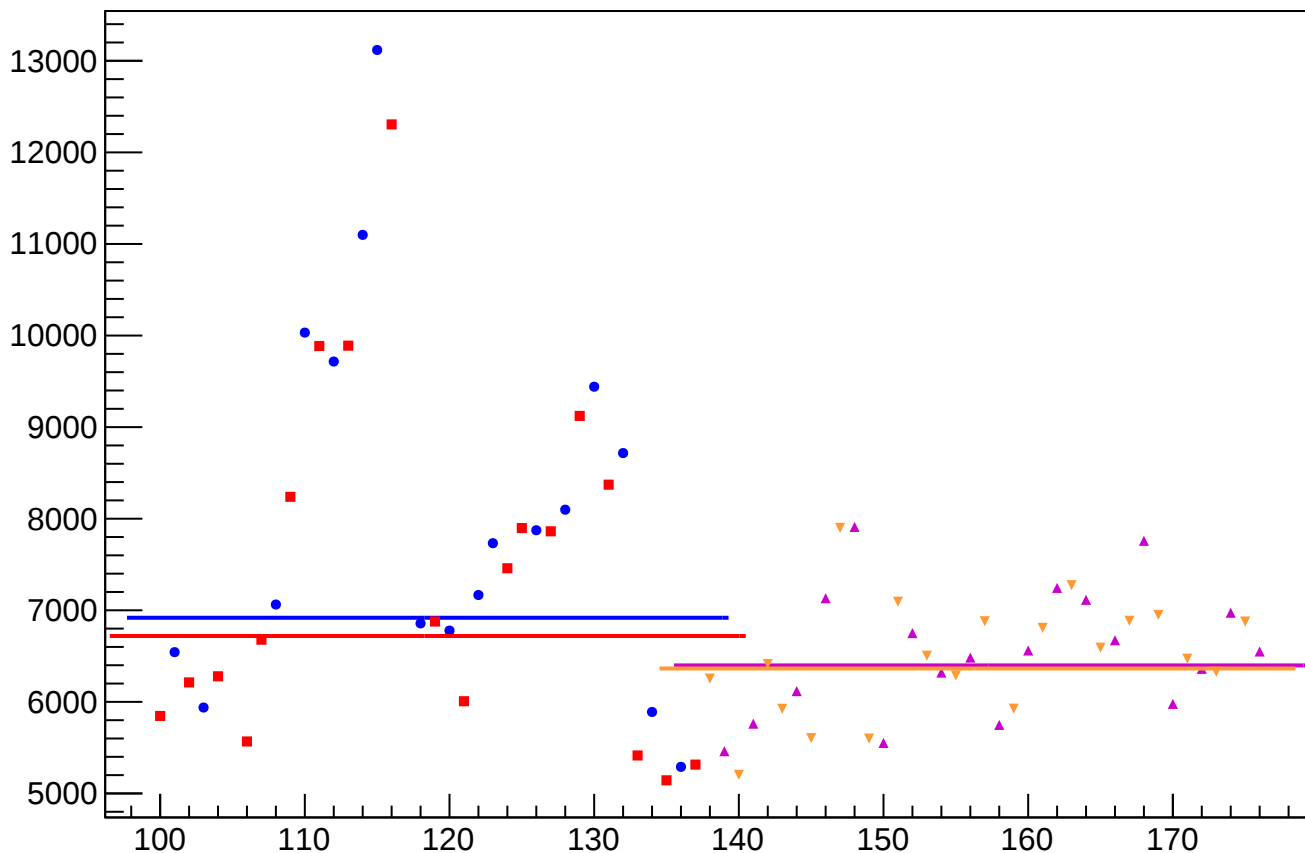
Left In: 1.431 ± 1.678 χ^2/NDF : 31.8/18

+ sign 2.031 ± 1.416 χ^2/NDF : 34.1/36

All: 2.297 ± 0.999 χ^2/NDF : 91.0/74

- sign 2.560 ± 1.408 χ^2/NDF : 56.8/37

diff_bpm4ecY_rms vs Slug



Right In: 6918.554+/-1.943 χ^2/NDF : 587976.6/16

Left Out: 6364.551+/-1.169 χ^2/NDF : 300473.4/19

Right Out: 6719.404+/-1.831 χ^2/NDF : 653831.7/18

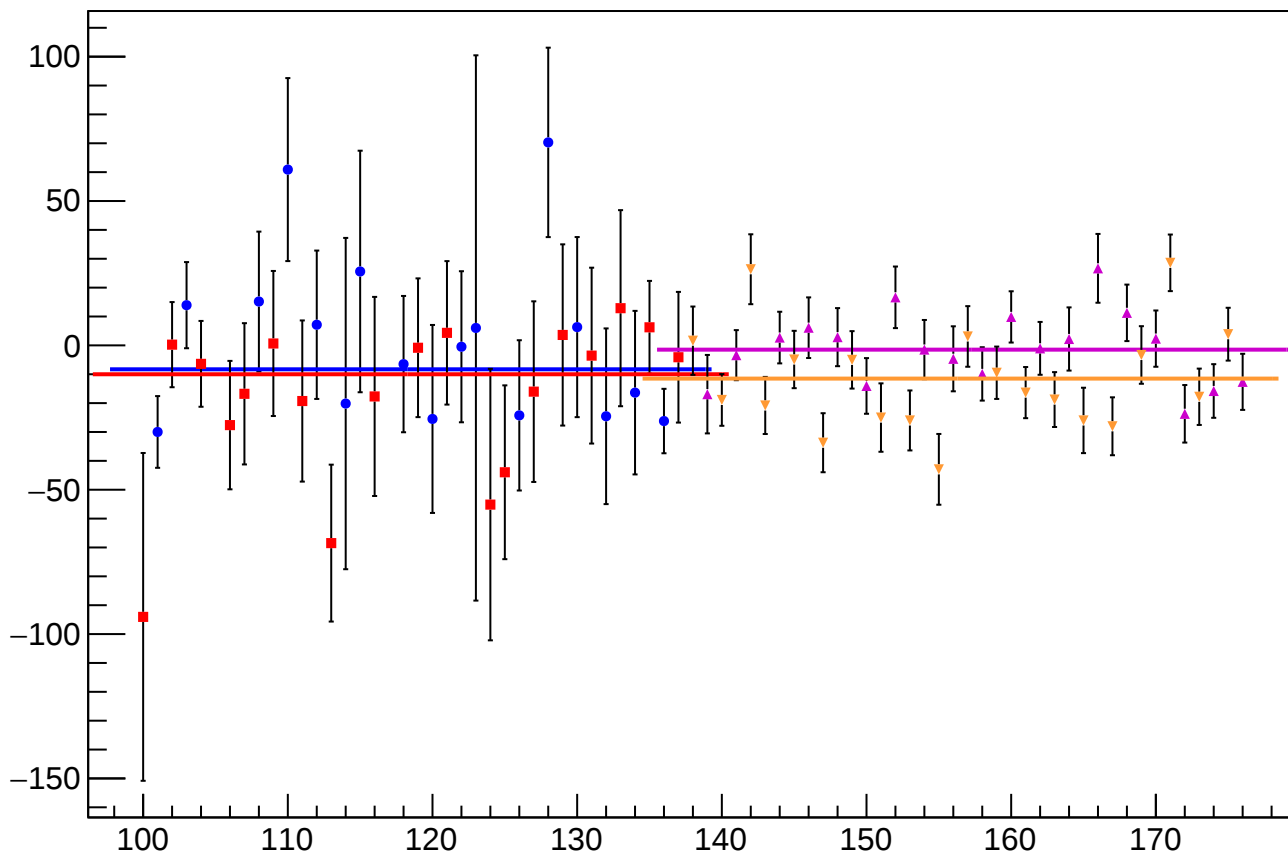
Left In: 6398.084+/-1.186 χ^2/NDF : 313217.7/18

+ sign 6511.793+/-1.001 χ^2/NDF : 948170.3/36

All: 6502.391+/-0.706 χ^2/NDF : 1937081.7/74

- sign 6493.096+/-0.996 χ^2/NDF : 988736.1/37

diff_bpm1X_mean vs Slug



Right In: -8.286 ± 5.410 χ^2/NDF : 21.7/16

Left Out: -11.506 ± 2.263 χ^2/NDF : 55.9/19

Right Out: -10.007 ± 5.513 χ^2/NDF : 12.9/18

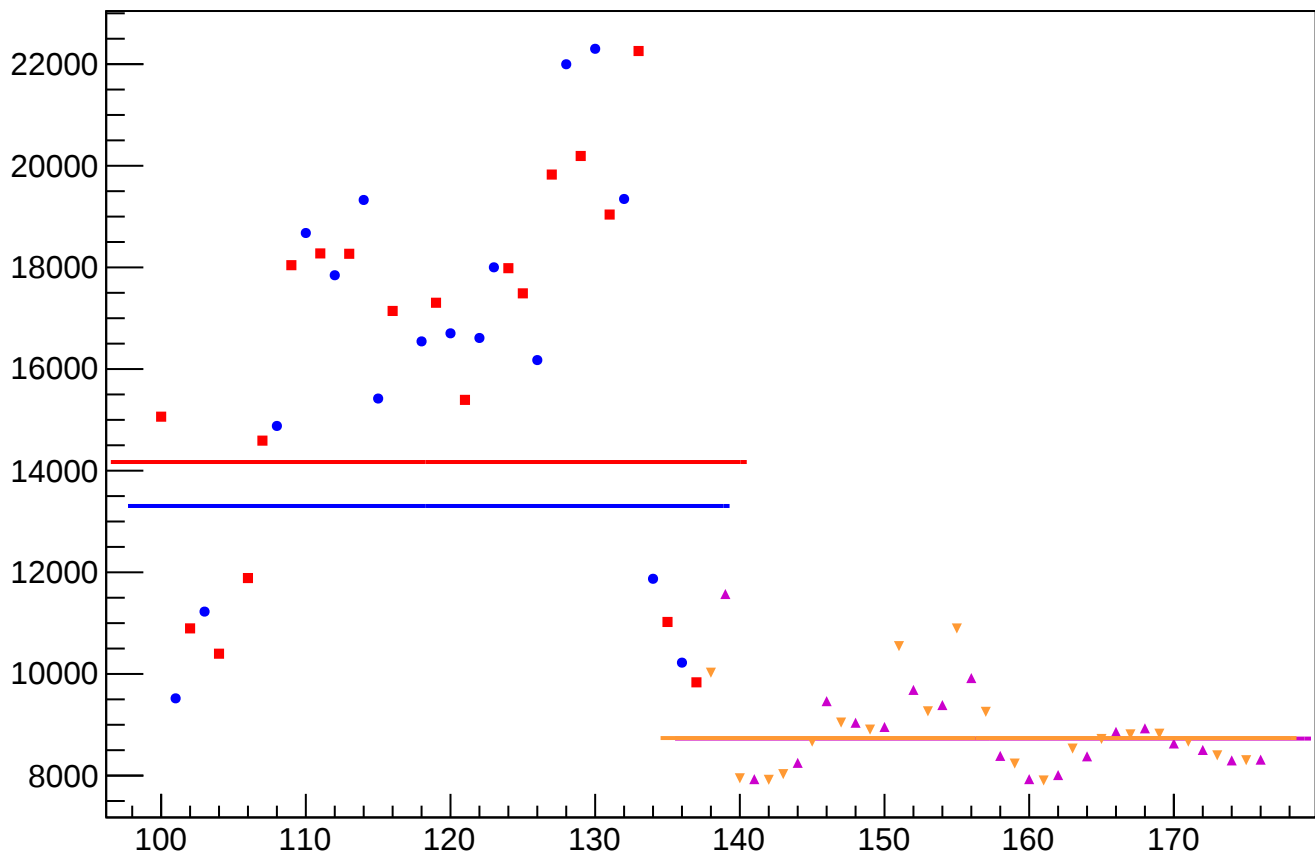
Left In: -1.482 ± 2.282 χ^2/NDF : 25.6/18

+ sign -11.026 ± 2.088 χ^2/NDF : 77.9/36

All: -6.918 ± 1.484 χ^2/NDF : 126.3/74

- sign -2.728 ± 2.108 χ^2/NDF : 40.6/37

diff_bpm1X_rms vs Slug



Right In: 13305.410+/-3.826 χ^2/NDF : 1044091.1/16

Left Out: 8738.604+/-1.600 χ^2/NDF : 211882.9/19

Right Out: 14170.668+/-3.898 χ^2/NDF : 930612.1/18

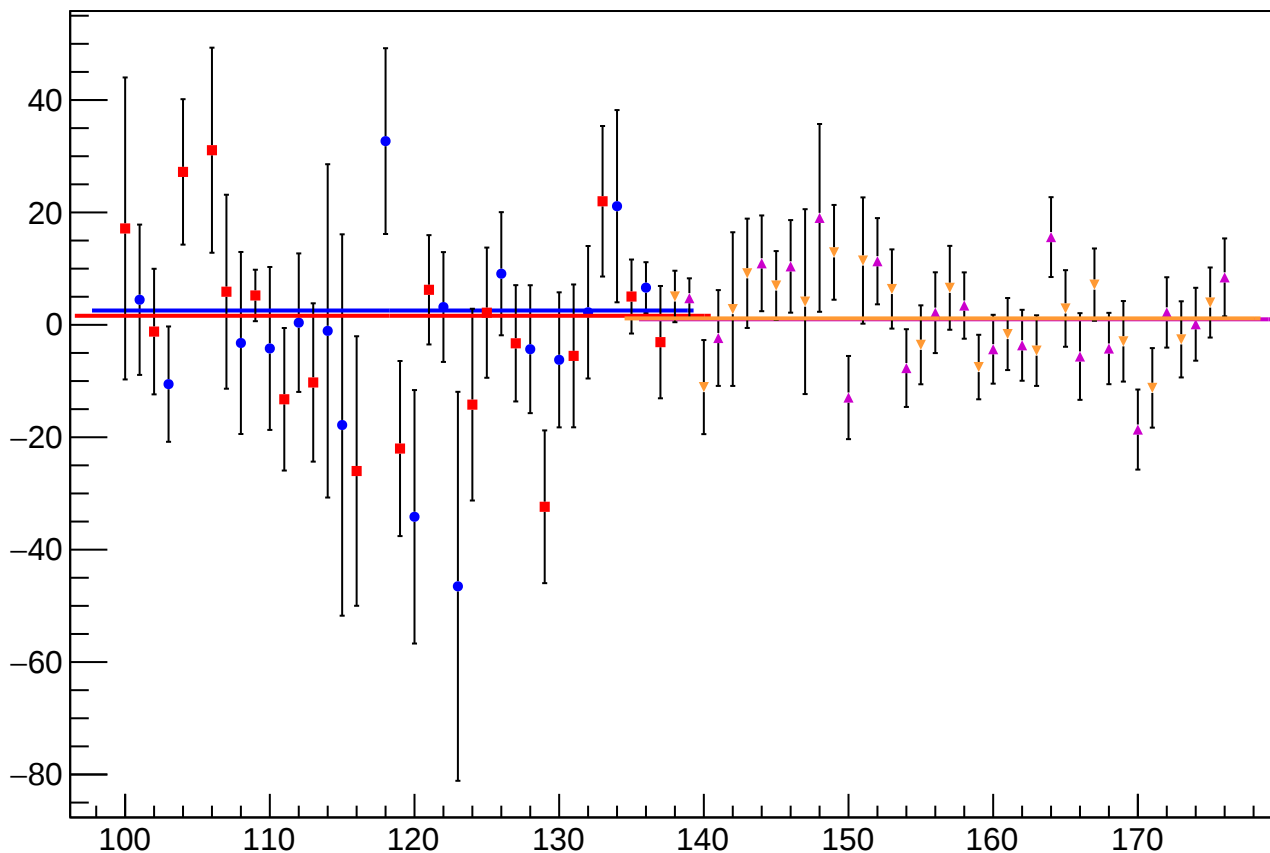
Left In: 8728.319+/-1.613 χ^2/NDF : 213382.0/18

+ sign 9418.752+/-1.476 χ^2/NDF : 2468810.8/36

All: 9470.974+/-1.049 χ^2/NDF : 5279307.2/74

- sign 9524.223+/-1.491 χ^2/NDF : 2807969.3/37

diff_bpm1Y_mean vs Slug



Right In: 2.551 ± 2.757 χ^2/NDF : 13.6/16

Left Out: 1.146 ± 1.579 χ^2/NDF : 16.9/19

Right Out: 1.613 ± 2.442 χ^2/NDF : 24.0/18

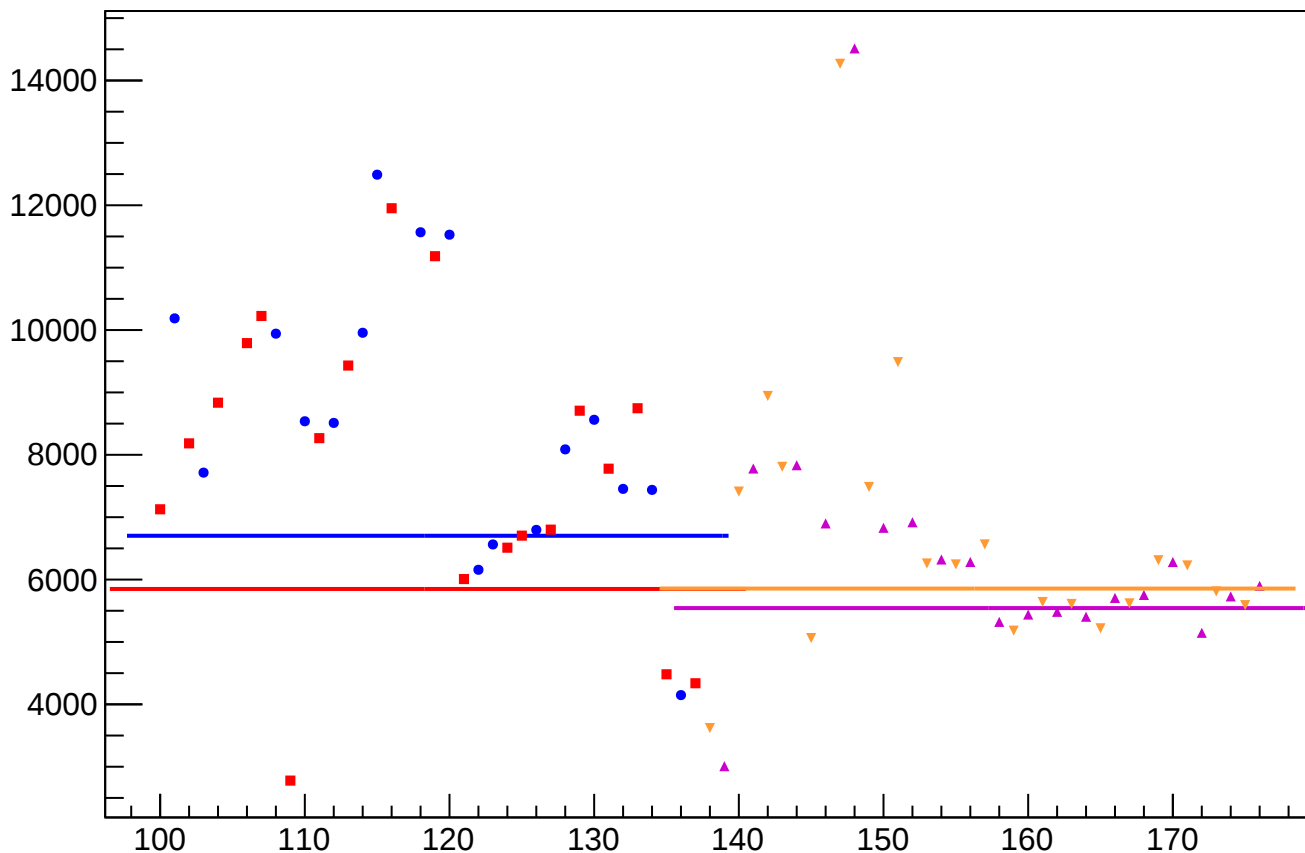
Left In: 0.984 ± 1.519 χ^2/NDF : 28.0/18

+ sign 1.493 ± 1.370 χ^2/NDF : 30.8/36

All: 1.316 ± 0.939 χ^2/NDF : 82.8/74

- sign 1.160 ± 1.290 χ^2/NDF : 52.0/37

diff_bpm1Y_rms vs Slug



Right In: 6702.245+/-1.949 χ^2/NDF : 1389956.8/16

Left Out: 5855.948+/-1.116 χ^2/NDF : 1669545.6/19

Right Out: 5849.606+/-1.727 χ^2/NDF : 2278464.5/18

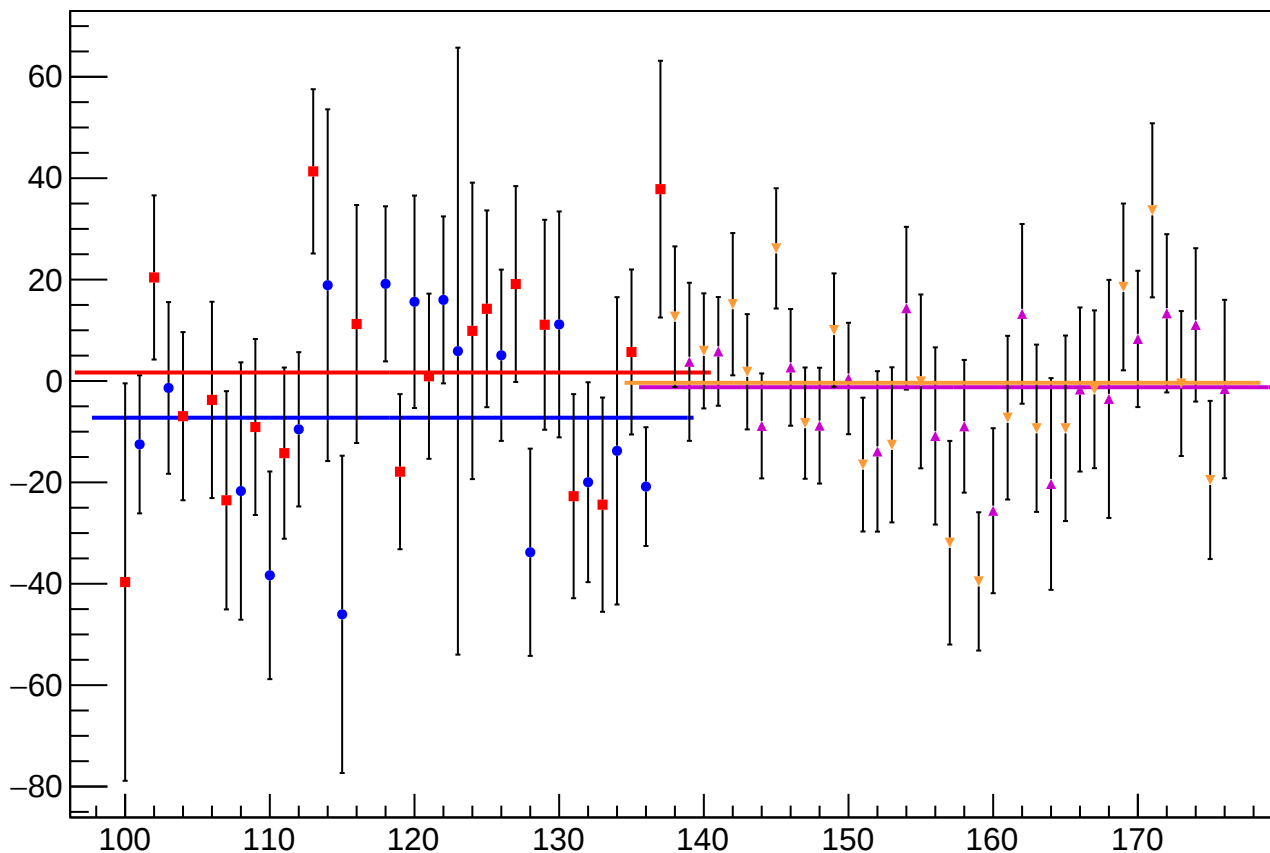
Left In: 5543.167+/-1.074 χ^2/NDF : 2156555.9/18

+ sign 6064.938+/-0.969 χ^2/NDF : 3201438.5/36

All: 5833.716+/-0.664 χ^2/NDF : 7766657.9/74

- sign 5628.669+/-0.912 χ^2/NDF : 4457721.2/37

diff_bpm11X_mean vs Slug



Right In: -7.245 ± 4.547 χ^2/NDF : 15.9/16

Left Out: -0.363 ± 3.144 χ^2/NDF : 29.2/19

Right Out: 1.671 ± 4.373 χ^2/NDF : 19.9/18

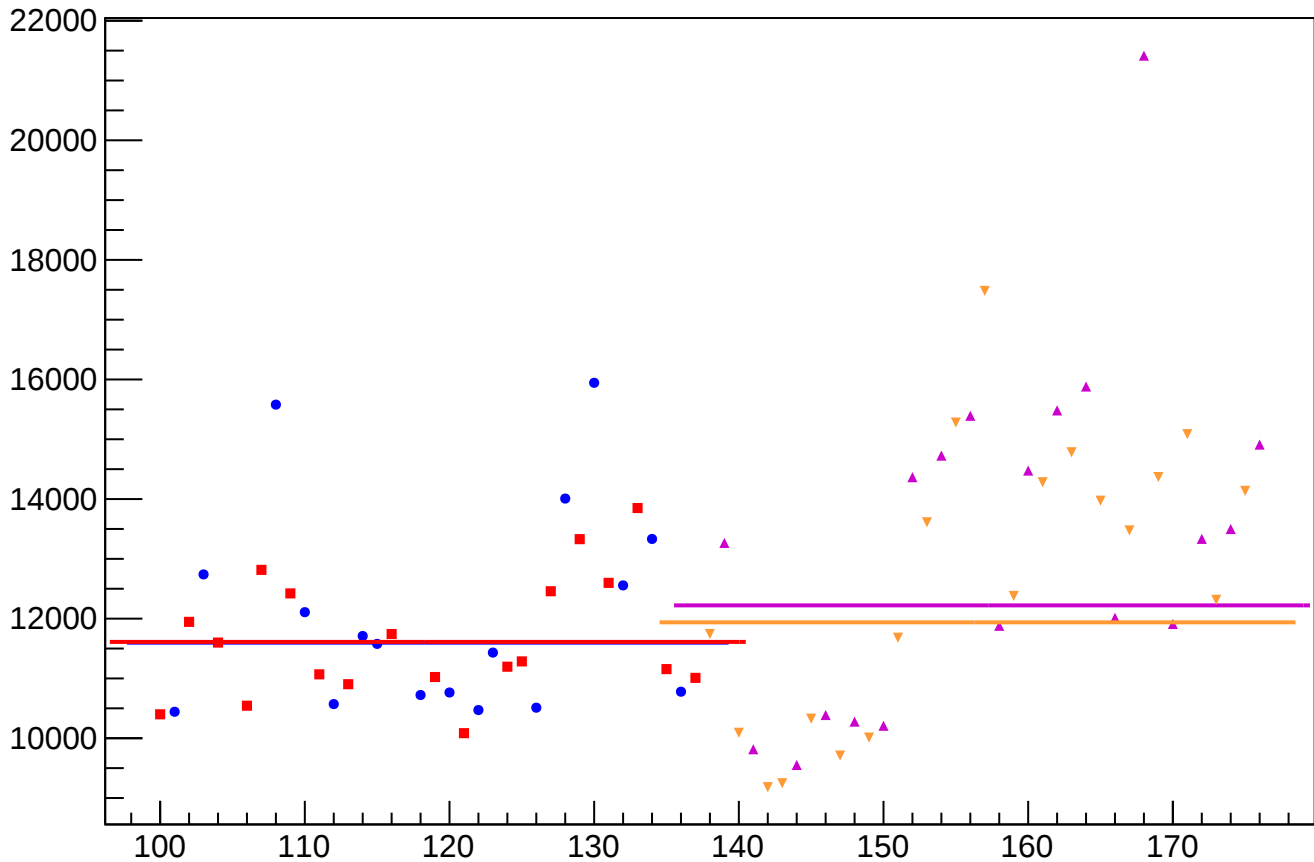
Left In: -1.235 ± 3.249 χ^2/NDF : 9.7/18

+ sign -2.589 ± 2.586 χ^2/NDF : 46.7/36

All: -1.405 ± 1.836 χ^2/NDF : 76.9/74

- sign -0.202 ± 2.608 χ^2/NDF : 29.8/37

diff_bpm11X_rms vs Slug



Right In: 11598.751+/-3.215 χ^2/NDF : 235423.8/16

Left Out: 11938.381+/-2.223 χ^2/NDF : 974125.3/19

Right Out: 11610.941+/-3.092 χ^2/NDF : 94447.0/18

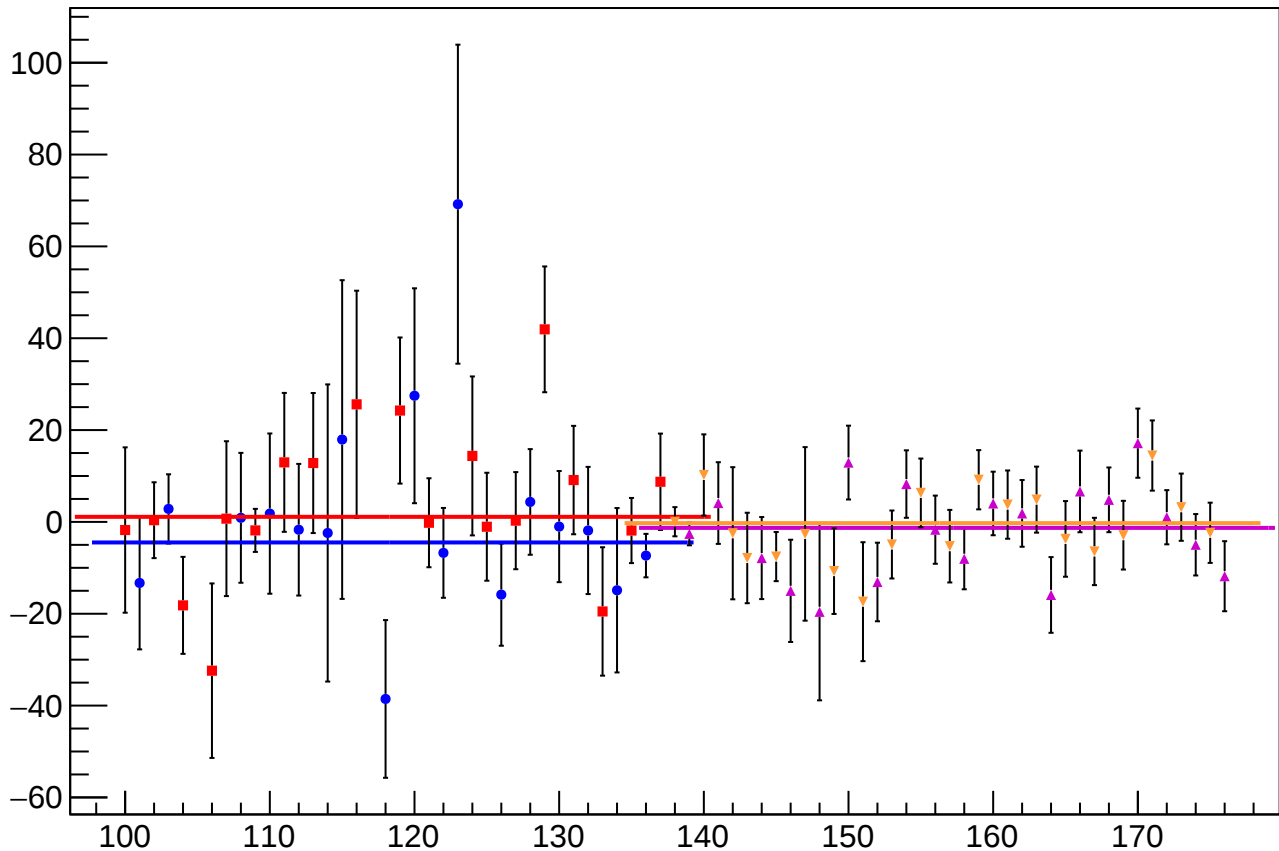
Left In: 12221.847+/-2.297 χ^2/NDF : 1117707.8/18

+ sign 11828.521+/-1.829 χ^2/NDF : 1217098.2/36

All: 11915.803+/-1.298 χ^2/NDF : 2458997.8/77

- sign 12004.571+/-1.844 χ^2/NDF : 1237304.2/37

diff_bpm11Y_mean vs Slug



Right In: -4.476 ± 2.782 χ^2/NDF : 14.8/16

Left Out: -0.267 ± 1.570 χ^2/NDF : 16.5/19

Right Out: 1.105 ± 2.429 χ^2/NDF : 24.0/18

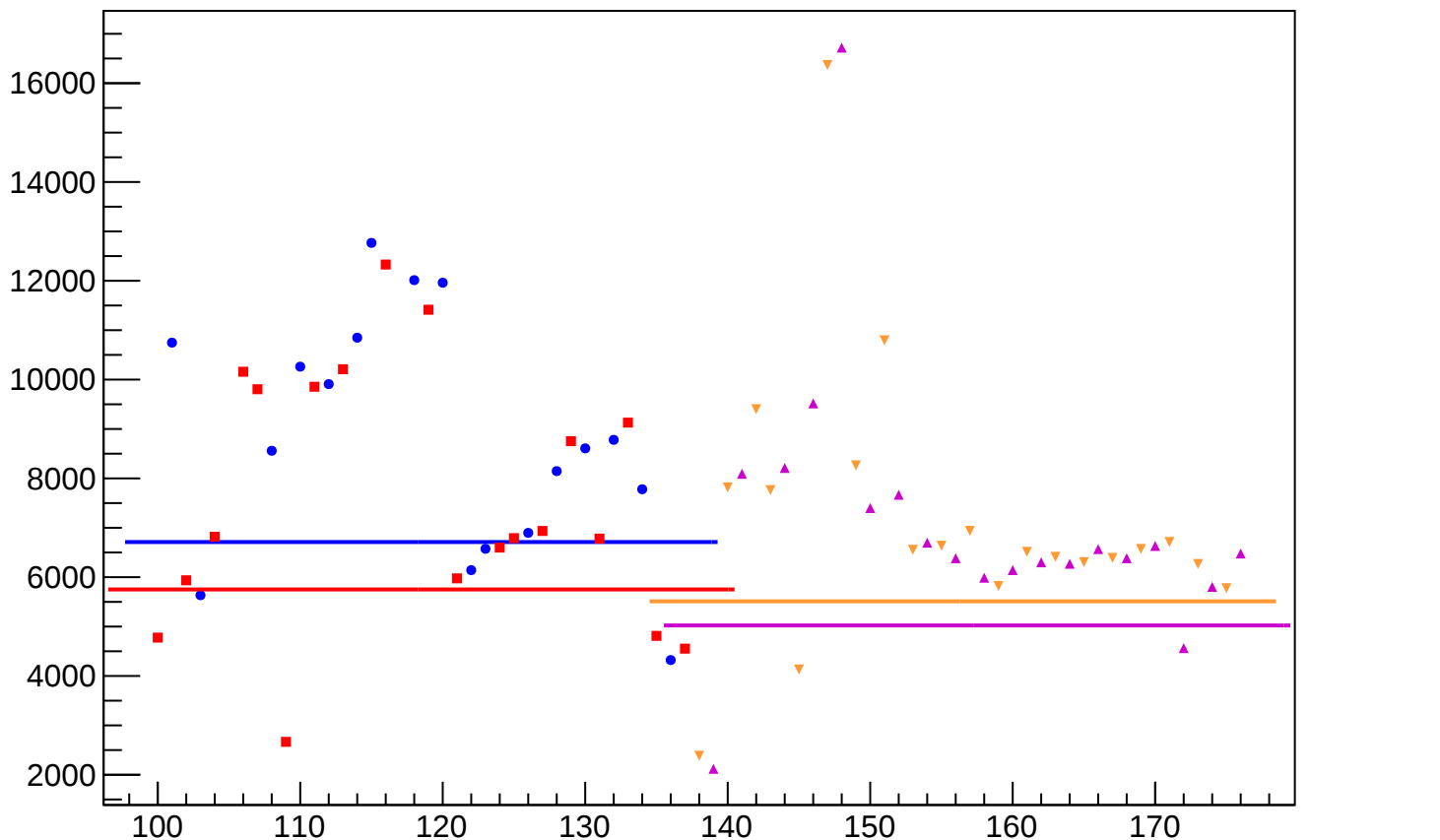
Left In: -1.302 ± 1.476 χ^2/NDF : 25.2/18

+ sign -1.283 ± 1.367 χ^2/NDF : 33.0/36

All: -0.943 ± 0.927 χ^2/NDF : 83.1/74

- sign -0.653 ± 1.262 χ^2/NDF : 49.9/37

diff_bpm11Y_rms vs Slug



Right In: 6711.550+/-1.967 χ^2/NDF : 1446972.0/16

Left Out: 5511.284+/-1.110 χ^2/NDF : 4006846.9/19

Right Out: 5751.505+/-1.718 χ^2/NDF : 2165110.0/18

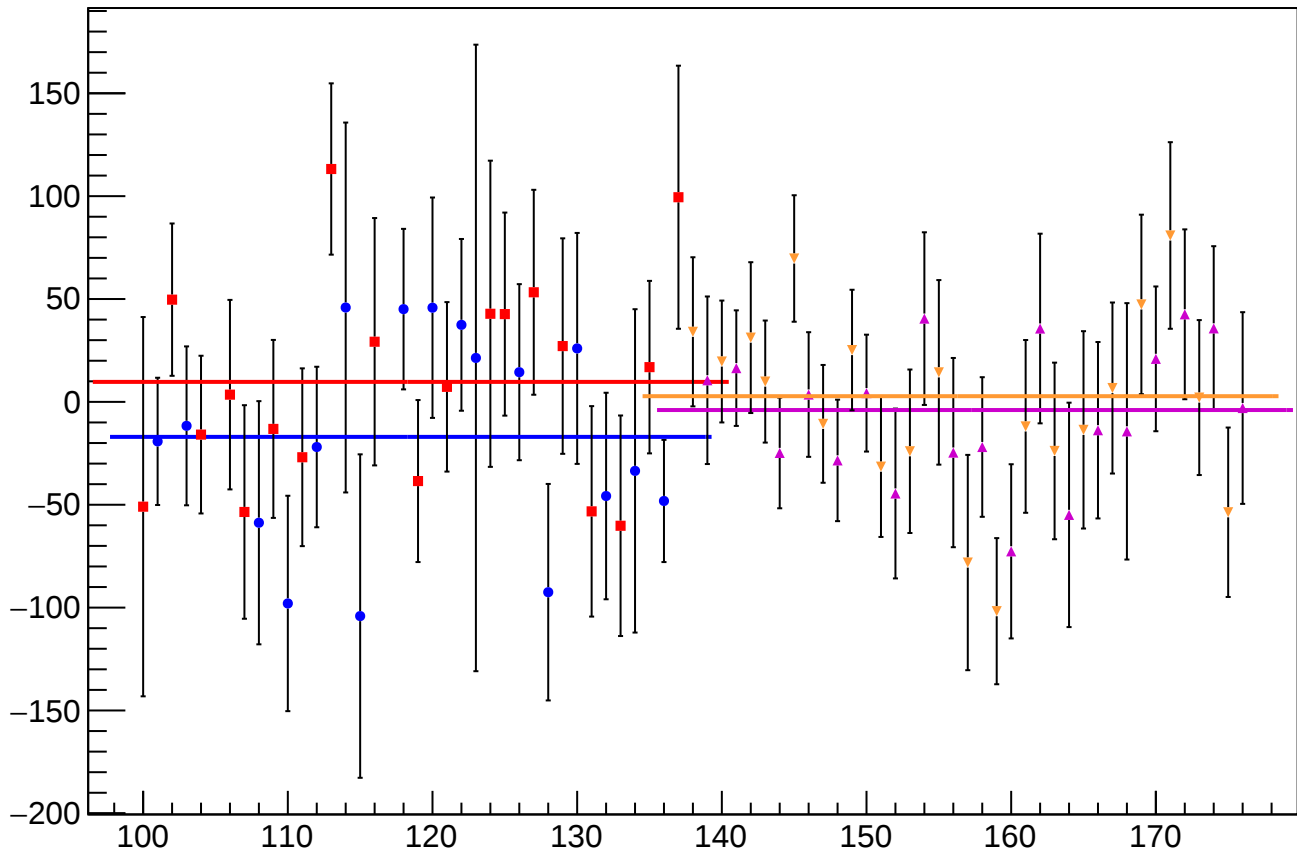
Left In: 5022.782+/-1.044 χ^2/NDF : 5348811.6/18

+ sign 5801.133+/-0.967 χ^2/NDF : 5736261.3/36

All: 5486.978+/-0.656 χ^2/NDF : 13577249.0/7

- sign 5219.378+/-0.892 χ^2/NDF : 7645373.2/37

diff_bpm12X_mean vs Slug



Right In: -17.010 ± 11.287 χ^2/NDF : 15.0/16

Left Out: 2.769 ± 8.220 χ^2/NDF : 26.4/19

Right Out: 9.719 ± 10.891 χ^2/NDF : 19.1/18

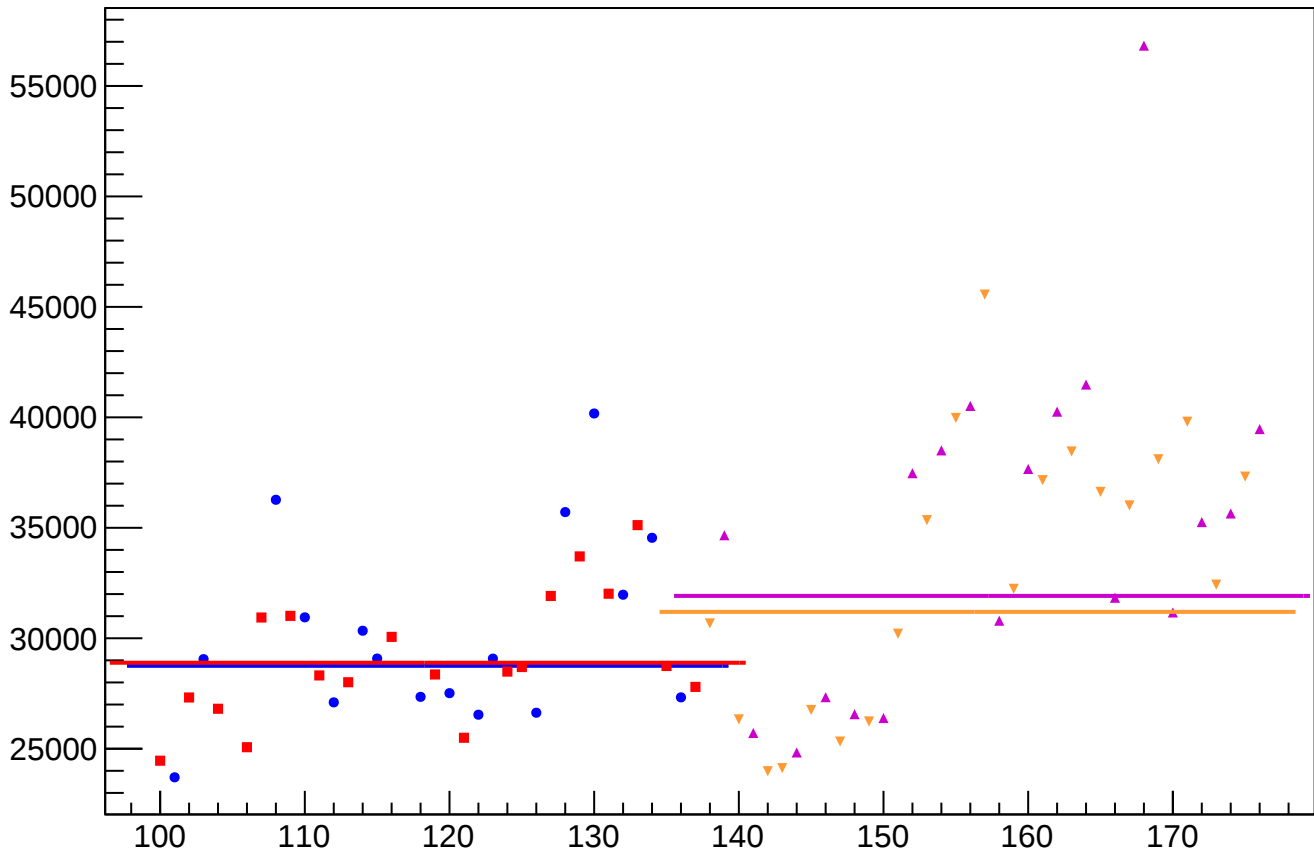
Left In: -3.961 ± 8.491 χ^2/NDF : 11.7/18

+ sign -4.086 ± 6.645 χ^2/NDF : 43.4/36

All: -1.458 ± 4.717 χ^2/NDF : 75.5/74

- sign 1.211 ± 6.696 χ^2/NDF : 31.8/37

diff_bpm12X_rms vs Slug



Right In: 28753.787 $\pm$ 7.981 χ^2 /NDF: 249215.1/16

Left Out: 31194.819 $\pm$ 5.813 χ^2 /NDF: 999761.8/19

Right Out: 28892.154 $\pm$ 7.701 χ^2 /NDF: 111241.2/18

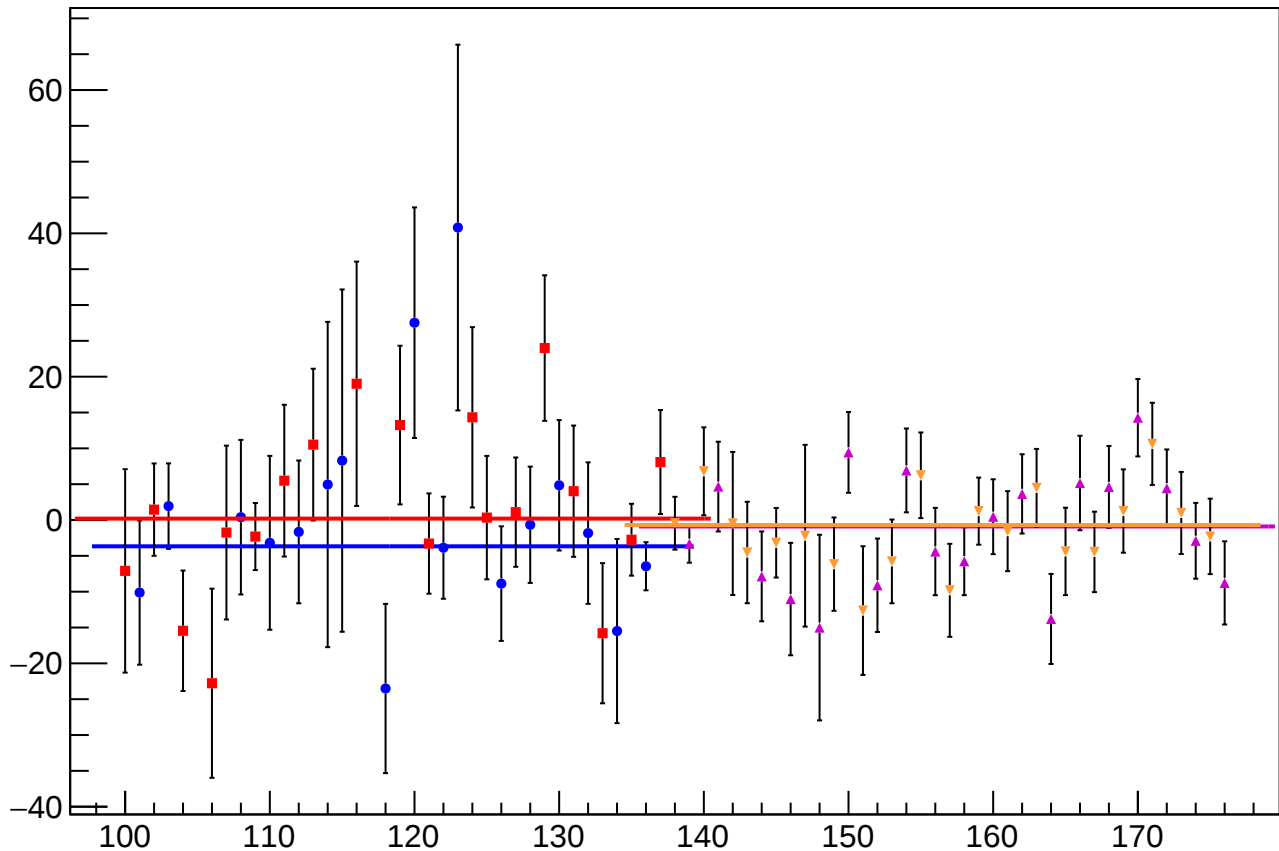
Left In: 31917.690 $\pm$ 6.004 χ^2 /NDF: 1157641.4/18

+ sign 30348.817 $\pm$ 4.699 χ^2 /NDF: 1310100.4/36

All: 30559.721 $\pm$ 3.335 χ^2 /NDF: 2679046.4/7

- sign 30773.901 $\pm$ 4.735 χ^2 /NDF: 1364885.1/37

diff_bpm12Y_mean vs Slug



Right In: -3.668 ± 2.010 χ^2/NDF : 14.5/16

Left Out: -0.702 ± 1.299 χ^2/NDF : 14.7/19

Right Out: 0.199 ± 1.893 χ^2/NDF : 22.3/18

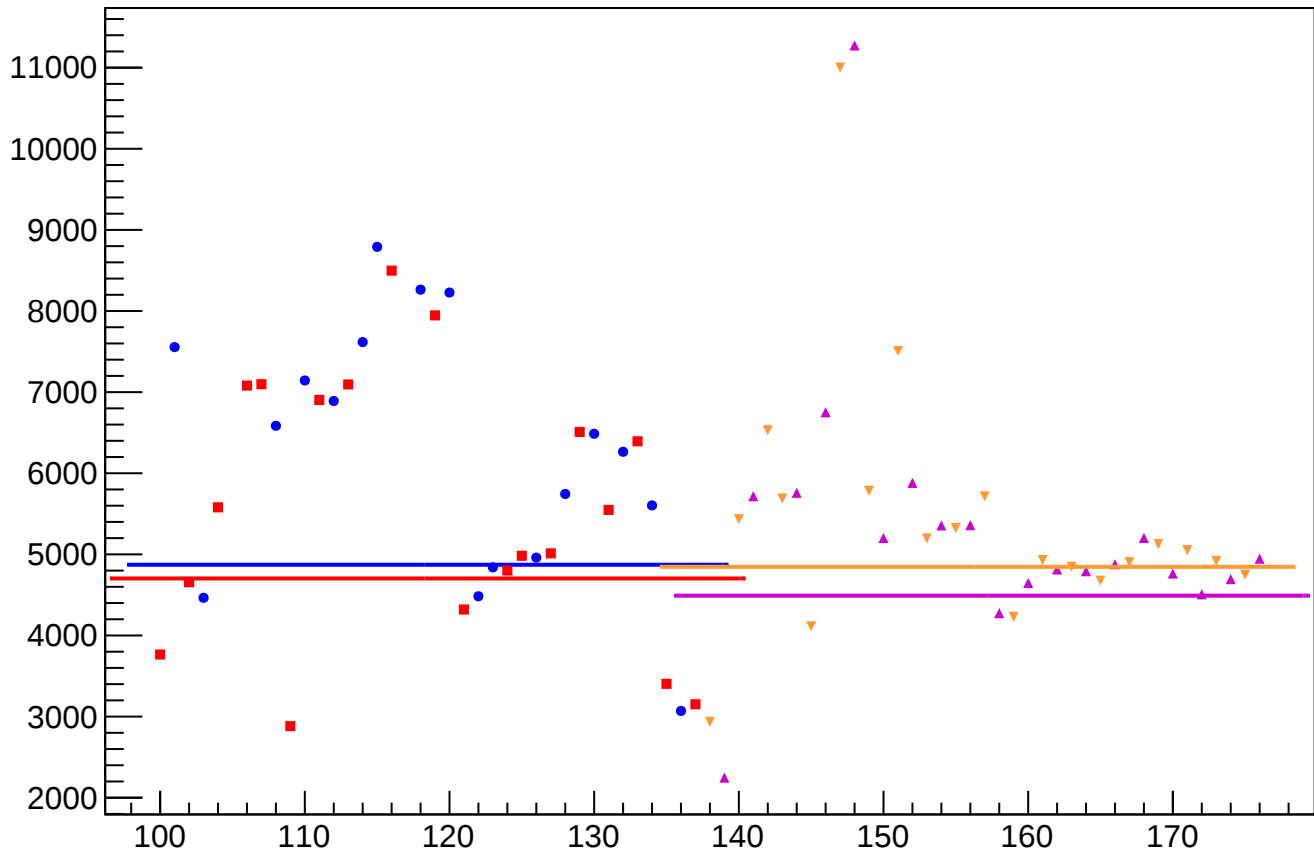
Left In: -0.900 ± 1.237 χ^2/NDF : 31.4/18

+ sign -1.575 ± 1.091 χ^2/NDF : 30.8/36

All: -1.047 ± 0.751 χ^2/NDF : 85.2/74

- sign -0.571 ± 1.035 χ^2/NDF : 54.0/37

diff_bpm12Y_rms vs Slug



Right In: 4872.105+/-1.421 χ^2/NDF : 1405253.2/16

Left Out: 4846.396+/-0.918 χ^2/NDF : 1477286.4/19

Right Out: 4702.994+/-1.338 χ^2/NDF : 1312720.8/18

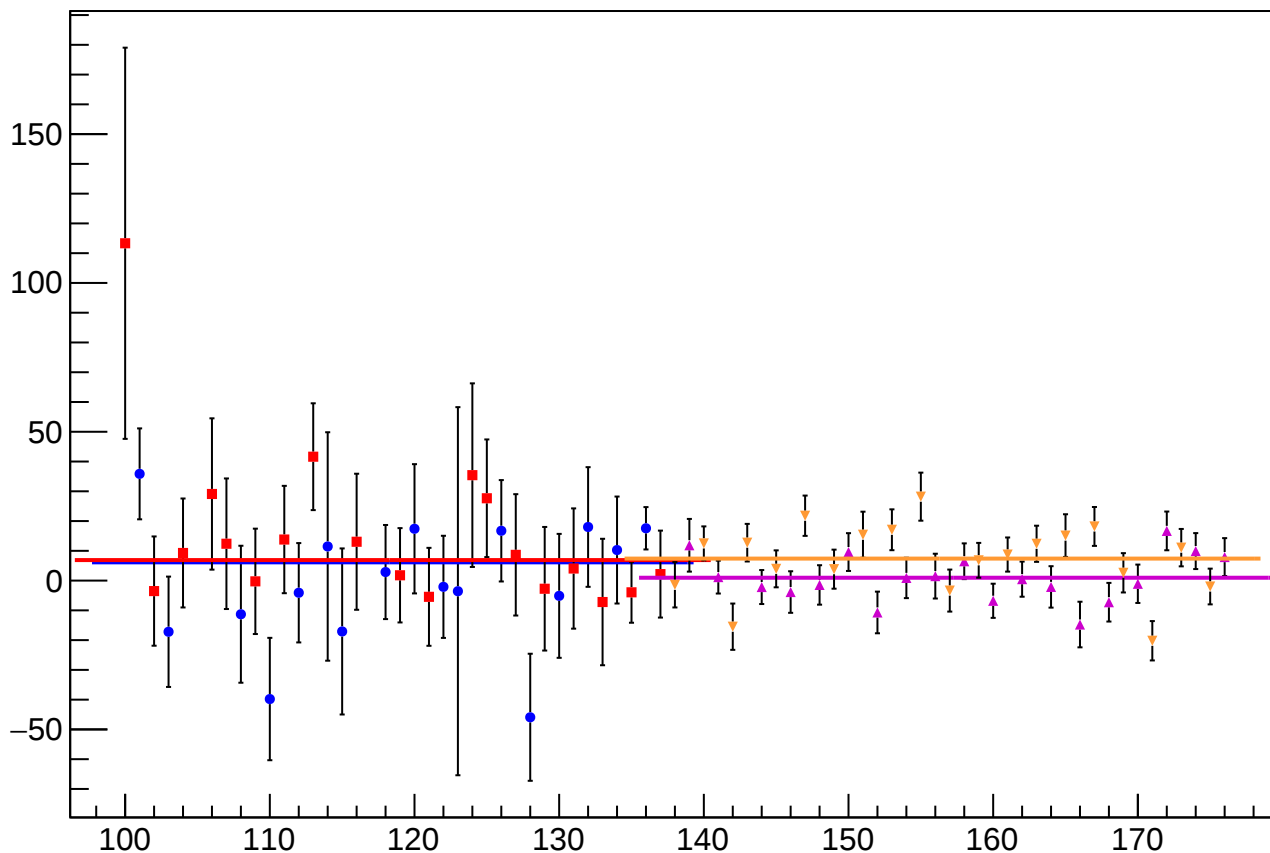
Left In: 4490.801+/-0.874 χ^2/NDF : 2593892.6/18

+ sign 4853.968+/-0.771 χ^2/NDF : 2882770.5/36

All: 4696.311+/-0.531 χ^2/NDF : 6886430.9/74

- sign 4554.284+/-0.732 χ^2/NDF : 3924231.0/37

diff_bpm16X_mean vs Slug



Right In: 6.133 ± 4.080 $\chi^2/\text{NDF}: 22.2/16$

Left Out: 7.393 ± 1.471 $\chi^2/\text{NDF}: 54.0/19$

Right Out: 6.892 ± 4.224 $\chi^2/\text{NDF}: 12.5/18$

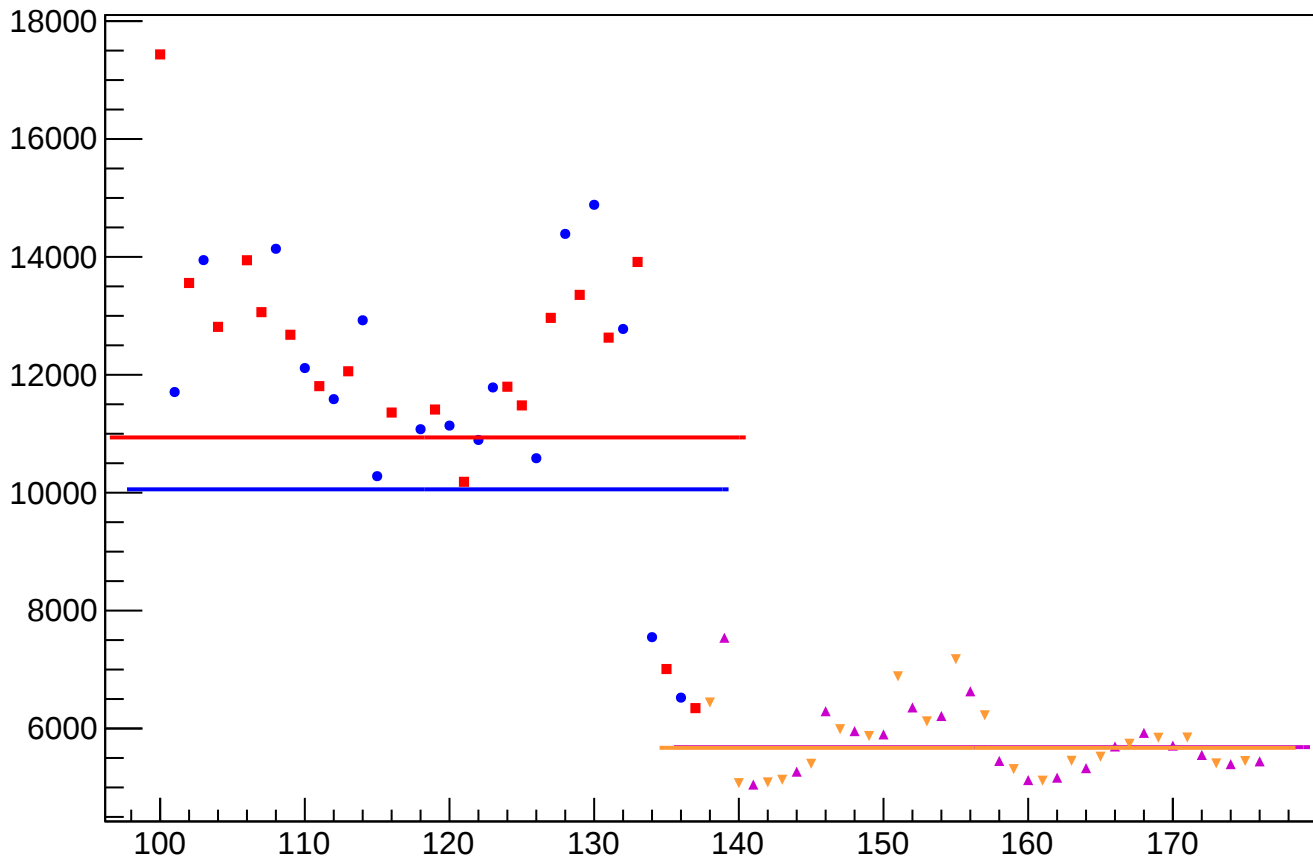
Left In: 0.958 ± 1.487 $\chi^2/\text{NDF}: 25.1/18$

+ sign 7.248 ± 1.383 $\chi^2/\text{NDF}: 76.3/36$

All: 4.469 ± 0.985 $\chi^2/\text{NDF}: 123.8/74$

- sign 1.612 ± 1.403 $\chi^2/\text{NDF}: 39.3/37$

diff_bpm16X_rms vs Slug



Right In: 10056.991 $\pm$ 2.885 χ^2 /NDF: 1002872.6/16

Left Out: 5672.515 $\pm$ 1.040 χ^2 /NDF:257142.3/19

Right Out: 10937.573 $\pm$ 2.987 χ^2 /NDF: 762909.5/18

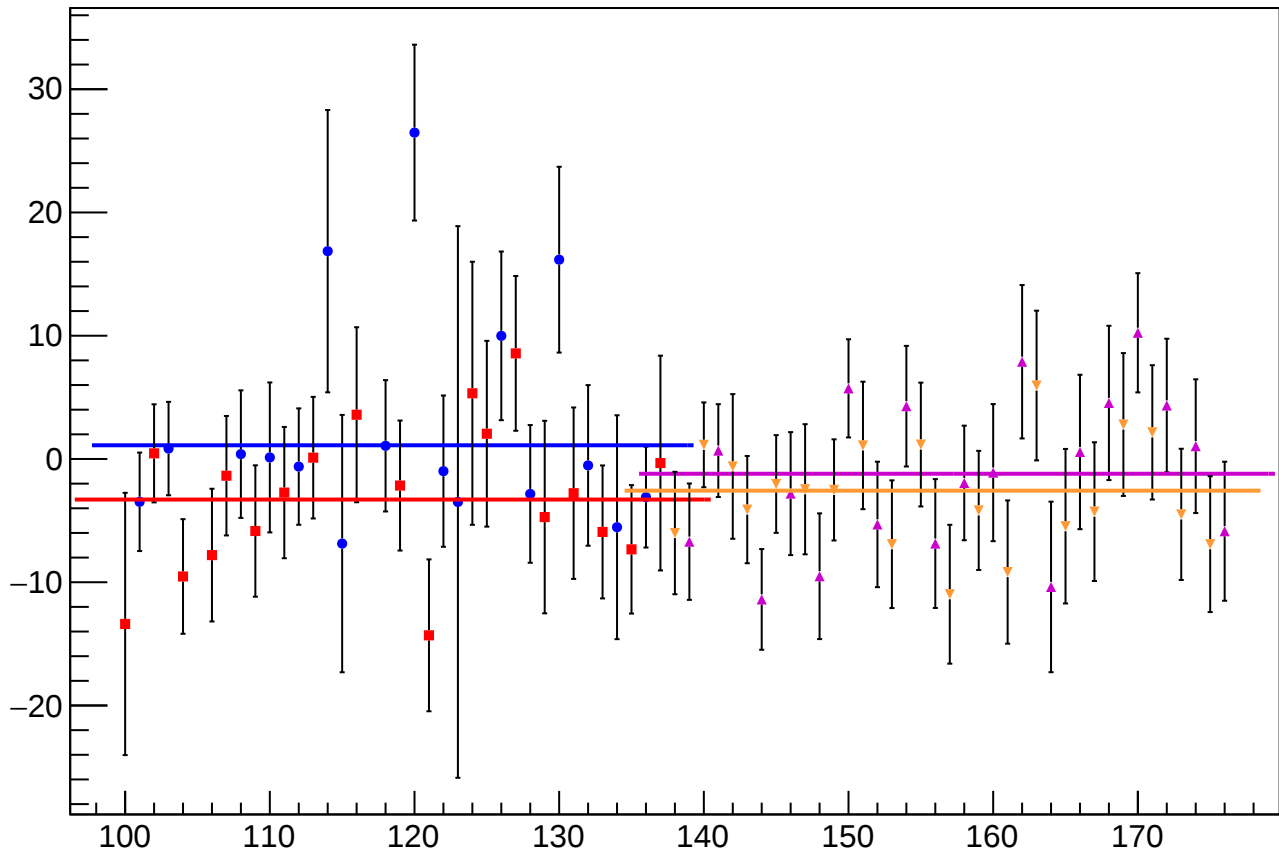
Left In: 5683.868 $\pm$ 1.052 χ^2 /NDF:261972.4/18

+ sign 6176.590 $\pm$ 0.978 χ^2 /NDF: 3303925.3/36

All: 6219.249 $\pm$ 0.696 χ^2 /NDF: 7084974.6/74

- sign 6263.101 $\pm$ 0.992 χ^2 /NDF: 3777193.0/37

diff_bpm16Y_mean vs Slug



Right In: 1.112 ± 1.403 χ^2/NDF : 24.6/16

Left Out: -2.570 ± 1.118 χ^2/NDF : 11.9/19

Right Out: -3.290 ± 1.334 χ^2/NDF : 15.1/18

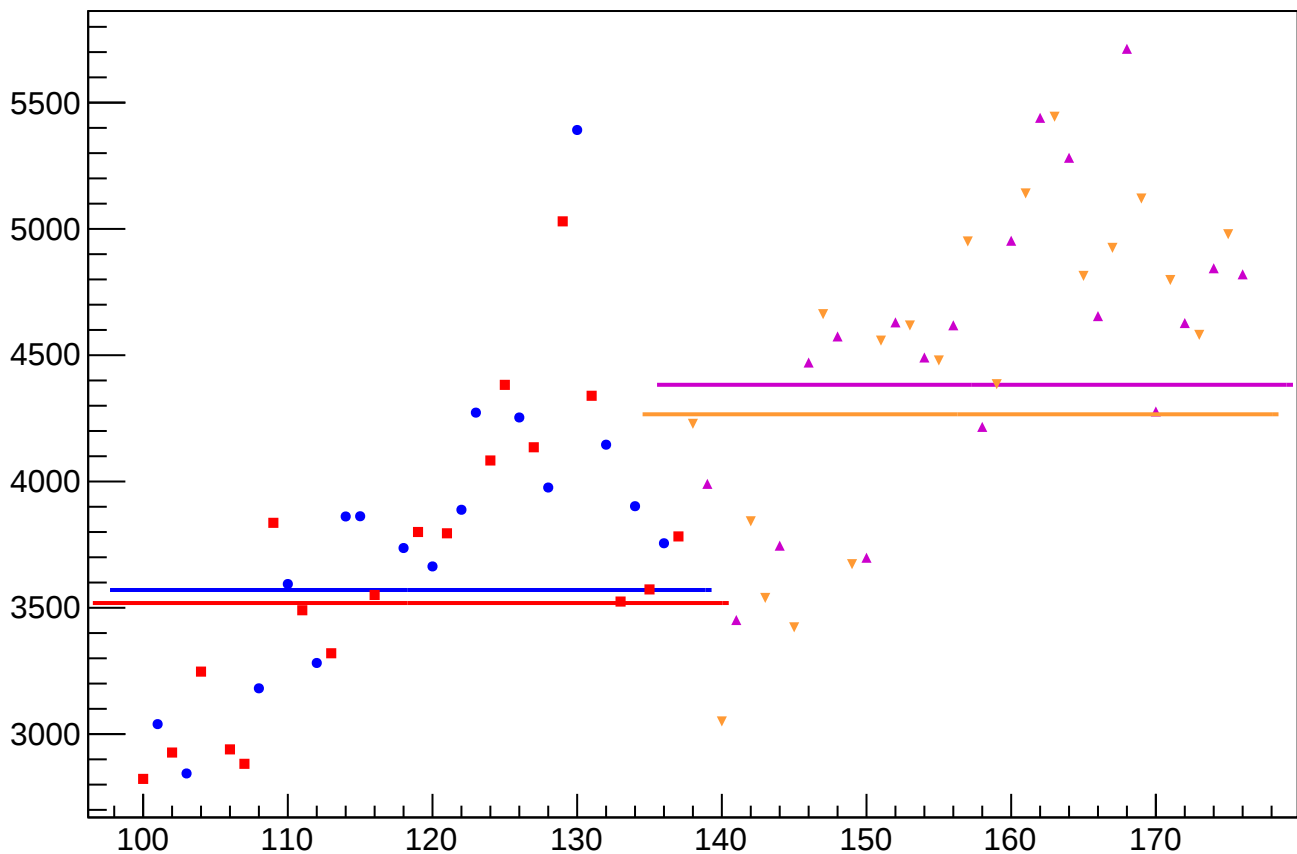
Left In: -1.199 ± 1.153 χ^2/NDF : 29.0/18

+ sign -1.139 ± 0.874 χ^2/NDF : 40.7/36

All: -1.618 ± 0.617 χ^2/NDF : 86.9/74

- sign -2.093 ± 0.872 χ^2/NDF : 45.5/37

diff_bpm16Y_rms vs Slug



Right In: 3570.481+/-0.992 χ^2/NDF : 309699.2/16

Left Out: 4266.102+/-0.791 χ^2/NDF : 775851.8/19

Right Out: 3518.886+/-0.943 χ^2/NDF : 293392.5/18

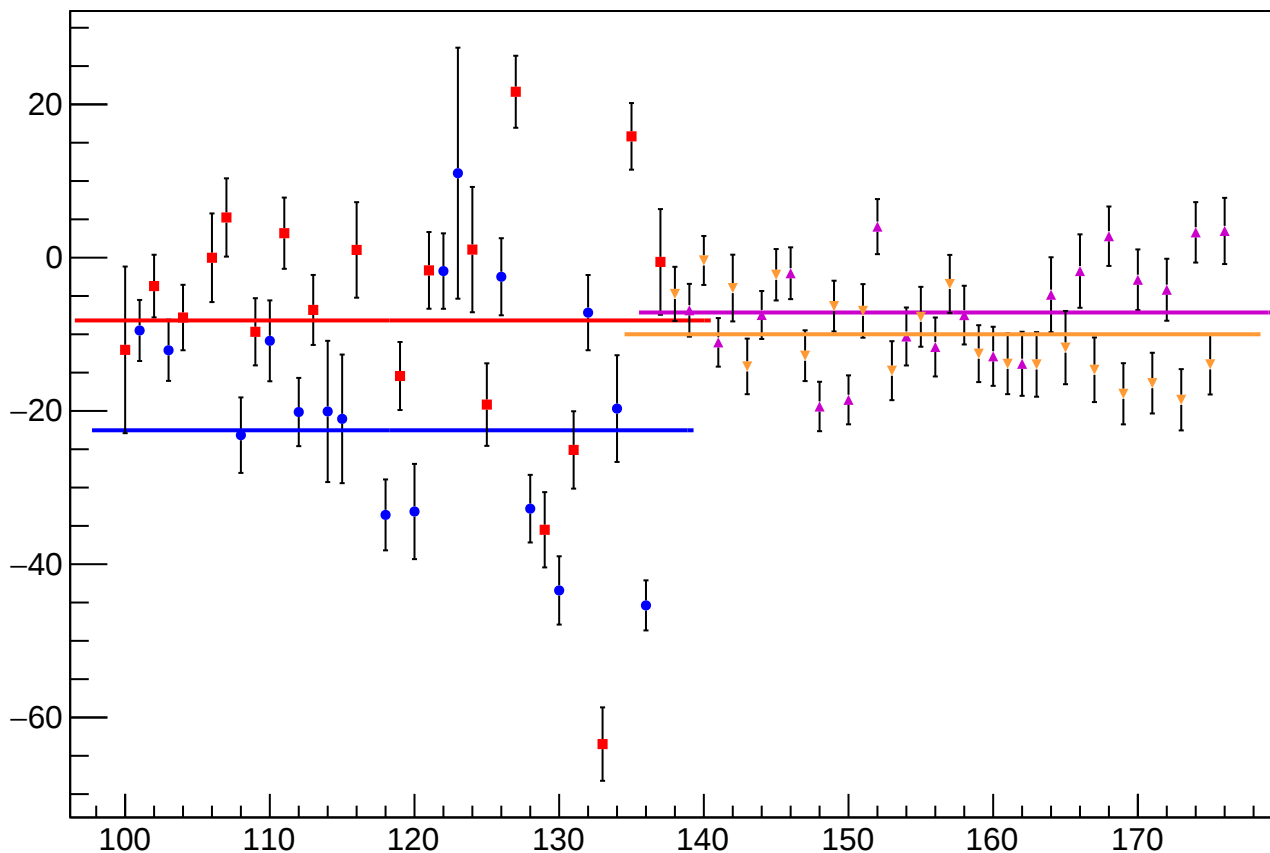
Left In: 4382.879+/-0.815 χ^2/NDF : 497627.9/18

+ sign 3995.861+/-0.618 χ^2/NDF : 1386276.9/36

All: 4004.645+/-0.437 χ^2/NDF : 2658151.5/74

- sign 4013.384+/-0.617 χ^2/NDF : 1271471.9/37

diff_bpm0l01X_mean vs Slug



Right In: -22.526 ± 1.201 χ^2/NDF : 155.5/16

Left Out: -9.997 ± 0.843 χ^2/NDF : 43.0/19

Right Out: -8.192 ± 1.157 χ^2/NDF : 275.8/18

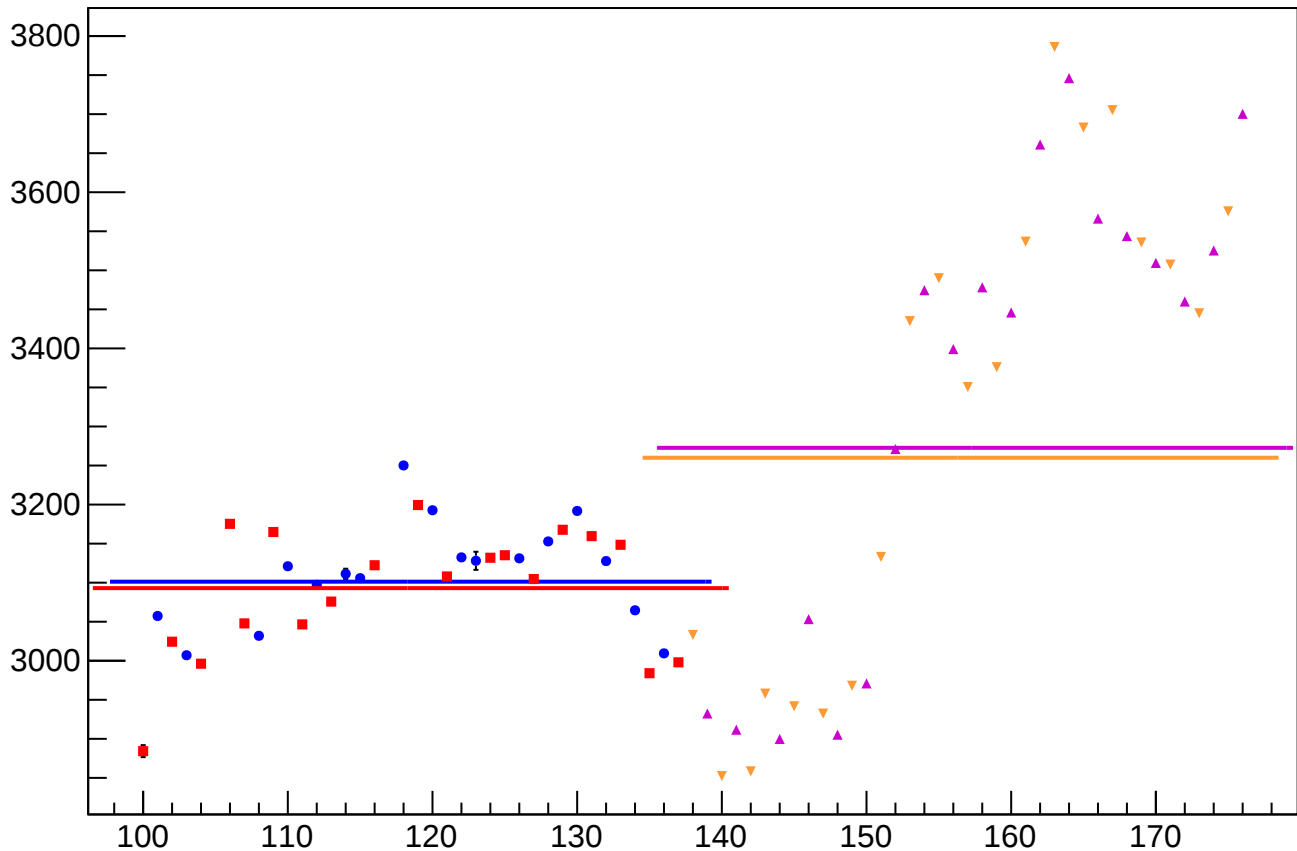
Left In: -7.154 ± 0.854 χ^2/NDF : 70.5/18

+ sign -14.132 ± 0.690 χ^2/NDF : 271.5/36

All: -10.814 ± 0.487 χ^2/NDF : 664.4/74

- sign -7.520 ± 0.687 χ^2/NDF : 346.8/37

diff_bpm0l01X_rms vs Slug



Right In: 3101.270+/-0.849 χ^2/NDF : 7233.8/16

Left Out: 3259.995+/-0.596 χ^2/NDF : 254920.7/19

Right Out: 3092.993+/-0.818 χ^2/NDF : 7766.0/18

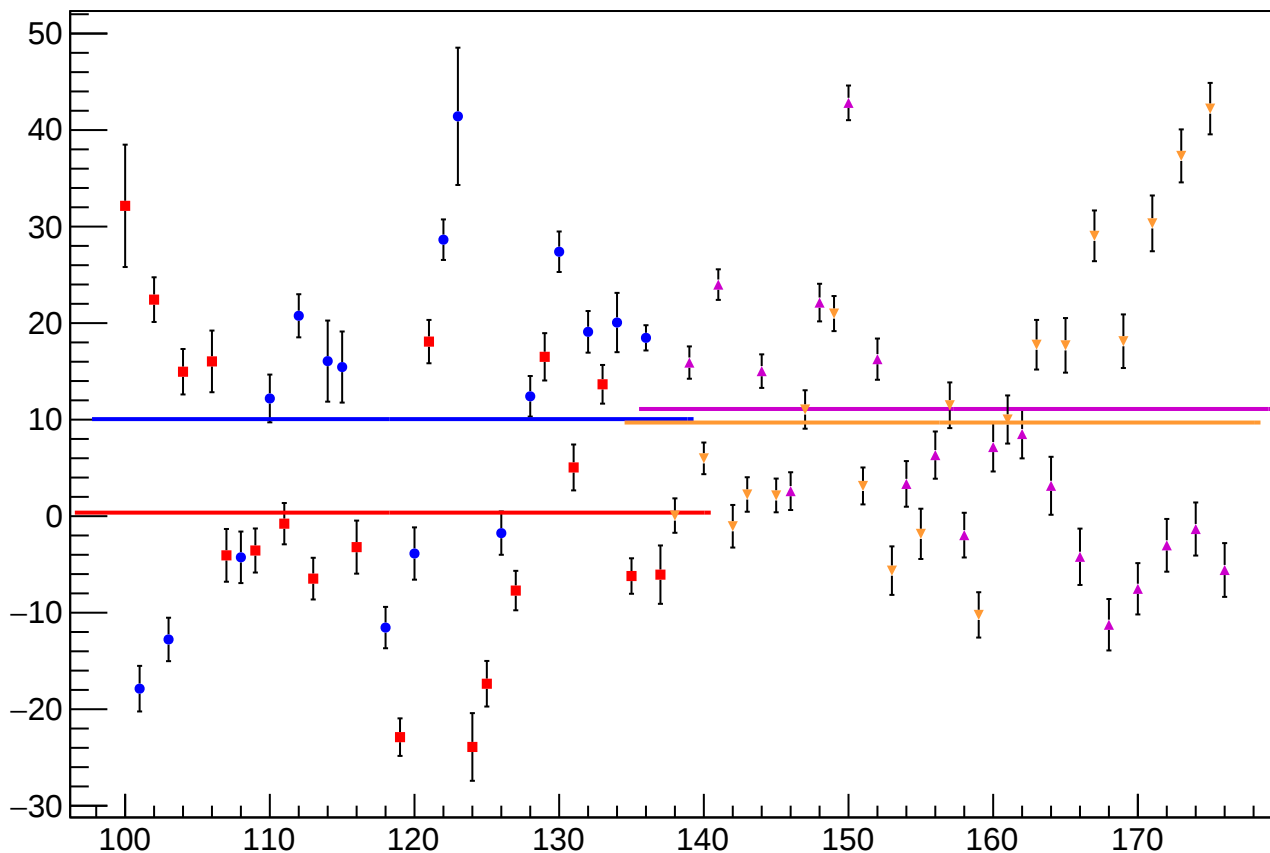
Left In: 3272.689+/-0.604 χ^2/NDF : 236346.3/18

+ sign 3207.609+/-0.488 χ^2/NDF : 285576.2/36

All: 3208.447+/-0.344 χ^2/NDF : 560919.6/74

- sign 3209.278+/-0.486 χ^2/NDF : 275337.5/37

diff_bpm0l01Y_mean vs Slug



Right In: 10.055 ± 0.562 χ^2/NDF : 692.2/16

Left Out: 9.701 ± 0.492 χ^2/NDF : 656.8/19

Right Out: 0.367 ± 0.547 χ^2/NDF : 629.8/18

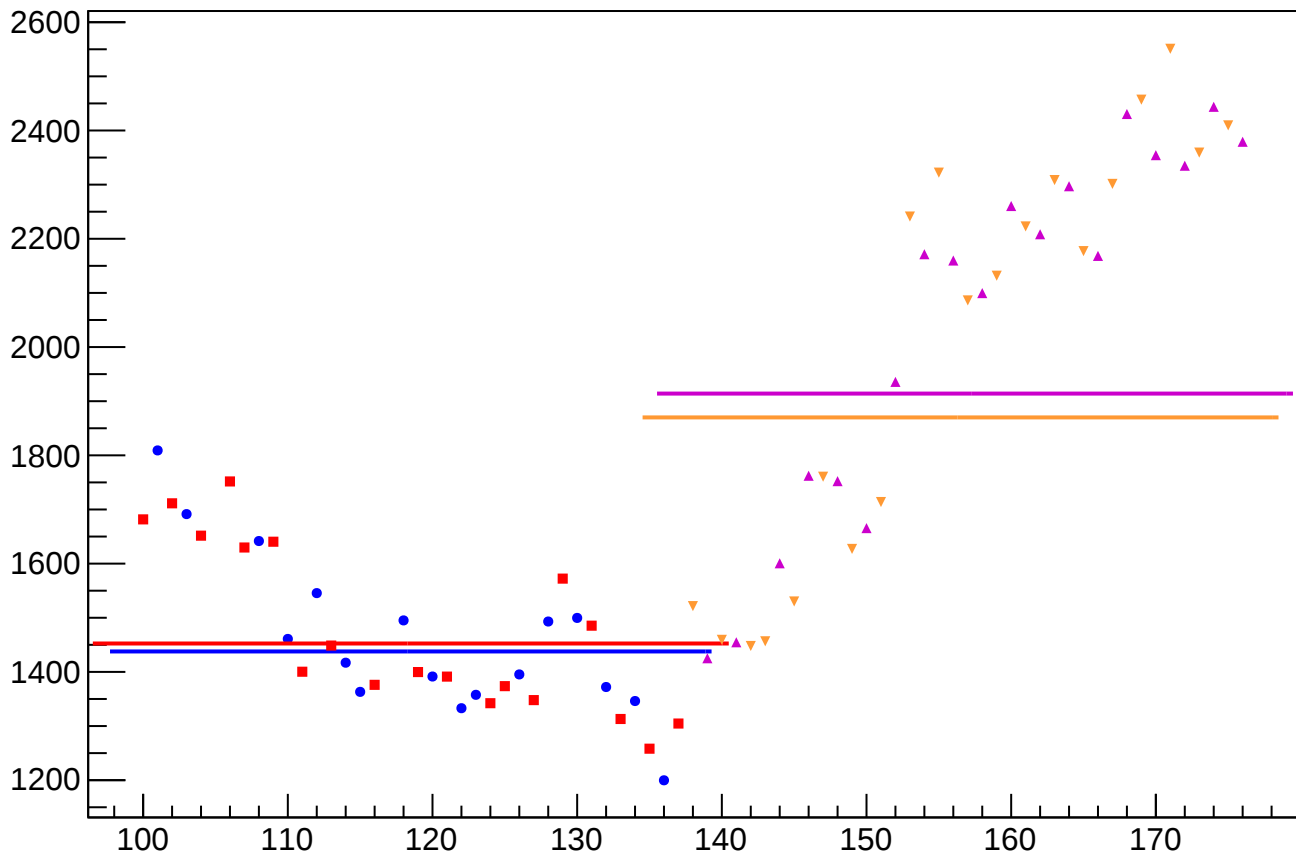
Left In: 11.105 ± 0.507 χ^2/NDF : 735.3/18

+ sign 9.855 ± 0.370 χ^2/NDF : 1349.3/36

All: 8.008 ± 0.262 χ^2/NDF : 2971.7/74

- sign 6.144 ± 0.372 χ^2/NDF : 1572.4/37

diff_bpm0l01Y_rms vs Slug



Right In: 1437.776 $\pm$ 0.397 χ^2 /NDF: 173216.2/16

Left Out: 1870.050 $\pm$ 0.348 χ^2 /NDF: 1180074.3/19

Right Out: 1452.469 $\pm$ 0.387 χ^2 /NDF: 138605.8/18

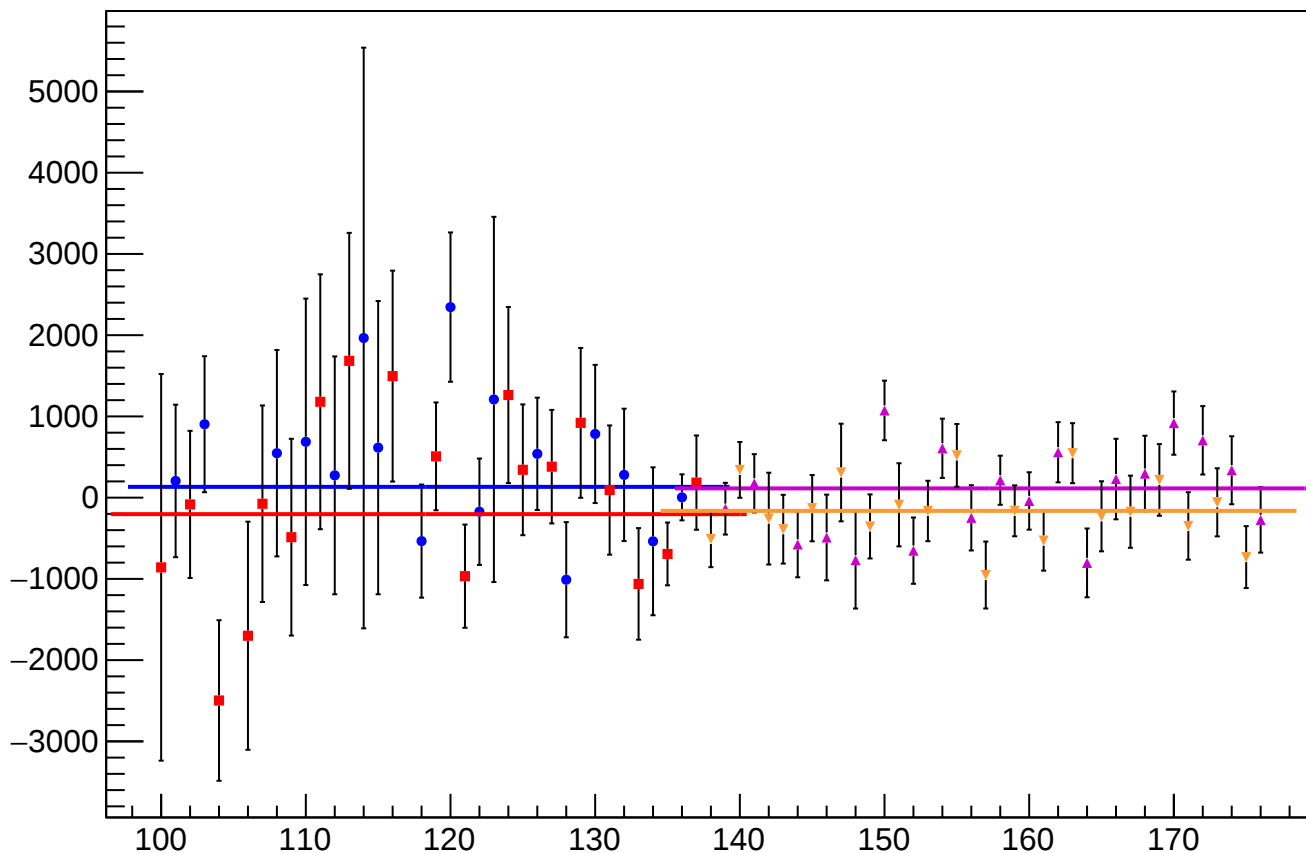
Left In: 1914.065 $\pm$ 0.358 χ^2 /NDF: 944351.6/18

+ sign 1682.377 $\pm$ 0.262 χ^2 /NDF: 2023669.3/36

All: 1691.542 $\pm$ 0.185 χ^2 /NDF: 3875209.2/74

- sign 1700.794 $\pm$ 0.263 χ^2 /NDF: 1849074.9/37

asym_sam1_mean vs Slug



Right In: 132.921+/-180.271 χ^2/NDF : 12.9/16

Left Out: -162.687+/-90.100 χ^2/NDF : 19.1/19

Right Out: -203.062+/-184.353 χ^2/NDF : 21.4/18

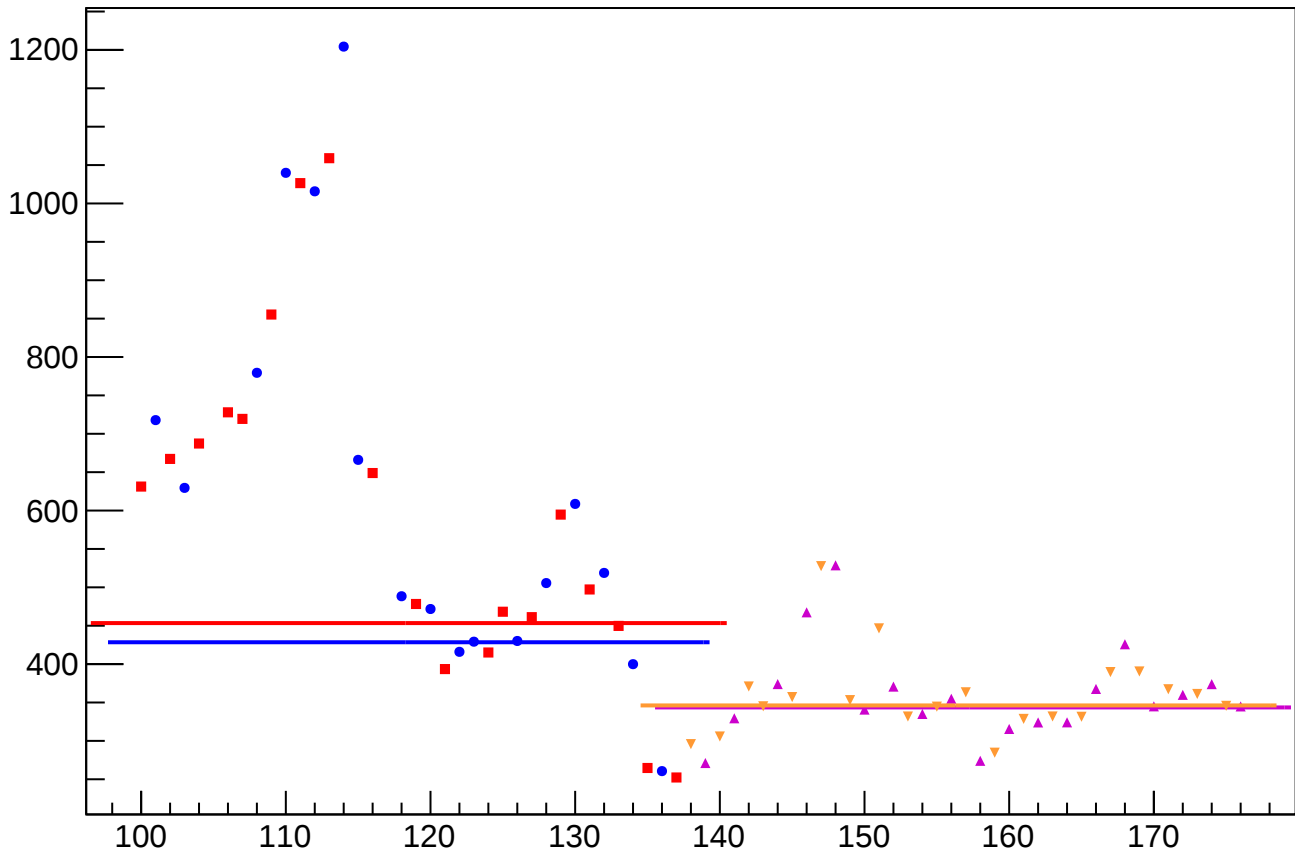
Left In: 113.918+/-90.580 χ^2/NDF : 34.1/18

+ sign -103.602+/-80.595 χ^2/NDF : 34.1/36

All: -26.339+/-57.236 χ^2/NDF : 93.9/74

- sign 52.276+/-81.297 χ^2/NDF : 58.0/37

asym_sam1_rms vs Slug



Right In: 428.460 $\pm$ 0.127 χ^2 /NDF: 2011453.8/16

Left Out: 346.179 $\pm$ 0.064 χ^2 /NDF: 475732.8/19

Right Out: 453.435 $\pm$ 0.130 χ^2 /NDF: 2029813.8/18

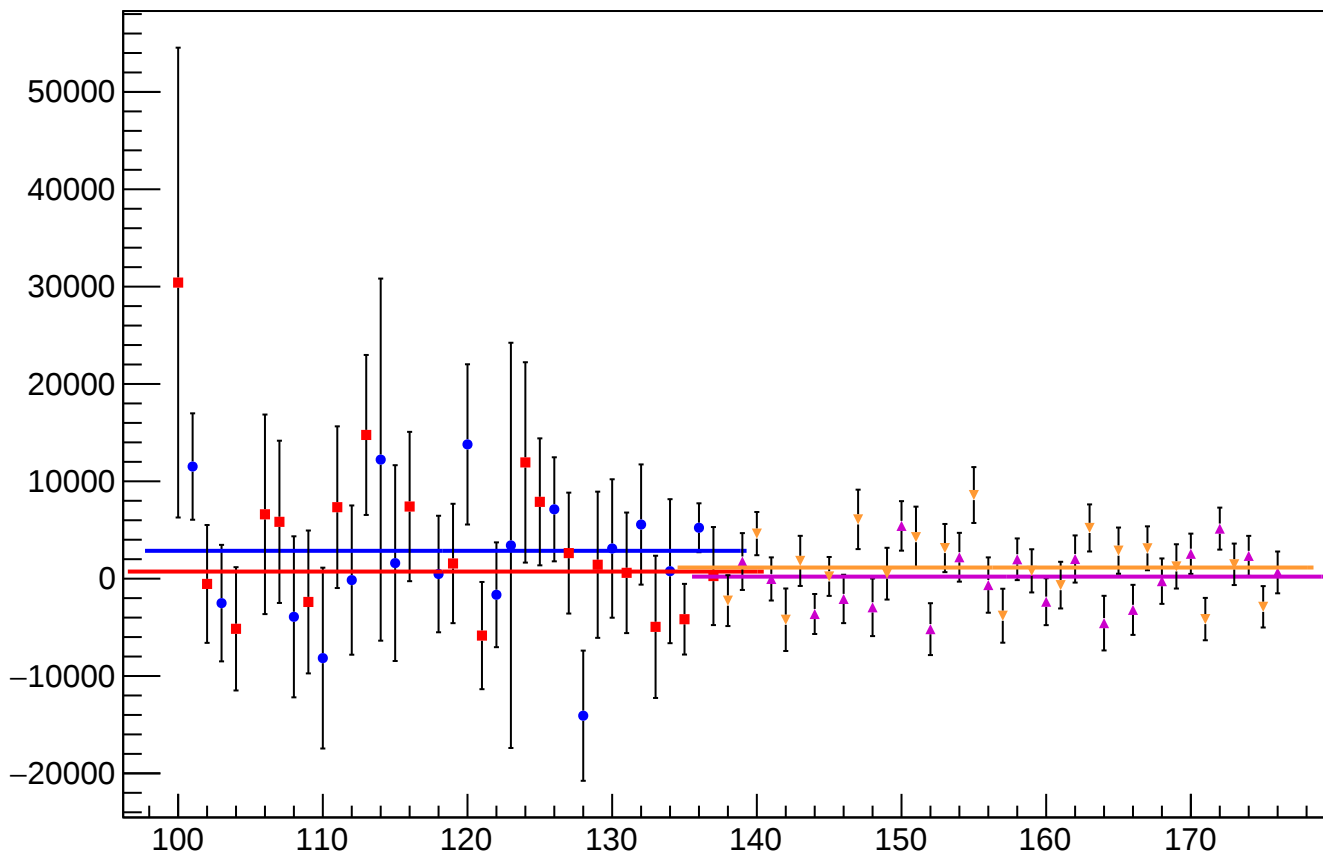
Left In: 343.565 $\pm$ 0.064 χ^2 /NDF: 640845.8/18

+ sign 362.625 $\pm$ 0.057 χ^2 /NDF: 2820565.1/36

All: 363.768 $\pm$ 0.040 χ^2 /NDF: 6064265.3/74

- sign 364.931 $\pm$ 0.057 χ^2 /NDF: 3242888.4/37

asym_sam2_mean vs Slug



Right In: 2859.622 $\pm$ 1447.884 χ^2 /NDF: 16.7/16

Left Out: 1143.622 $\pm$ 543.765 χ^2 /NDF: 35.8/19

Right Out: 729.571 $\pm$ 1509.224 χ^2 /NDF: 14.0/18

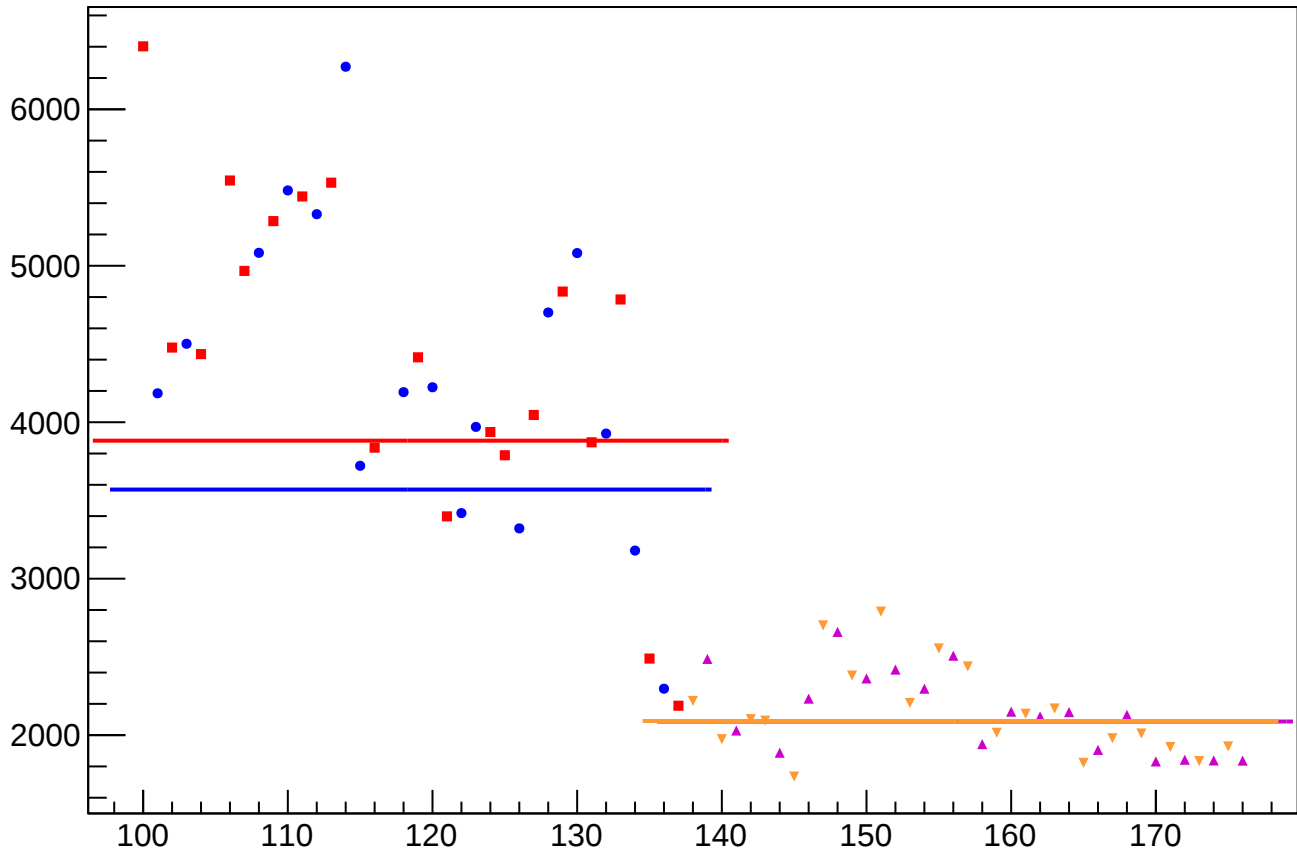
Left In: 208.470 $\pm$ 547.427 χ^2 /NDF: 29.5/18

+ sign 1355.736 $\pm$ 509.049 χ^2 /NDF: 53.6/36

All: 818.310 $\pm$ 361.905 χ^2 /NDF: 99.5/74

- sign 269.058 $\pm$ 514.619 χ^2 /NDF: 43.6/37

asym_sam2_rms vs Slug



Right In: 3569.631+/-1.024 χ^2/NDF : 1087935.4/16

Left Out: 2090.478+/-0.384 χ^2/NDF : 455523.3/19

Right Out: 3882.169+/-1.067 χ^2/NDF : 983087.5/18

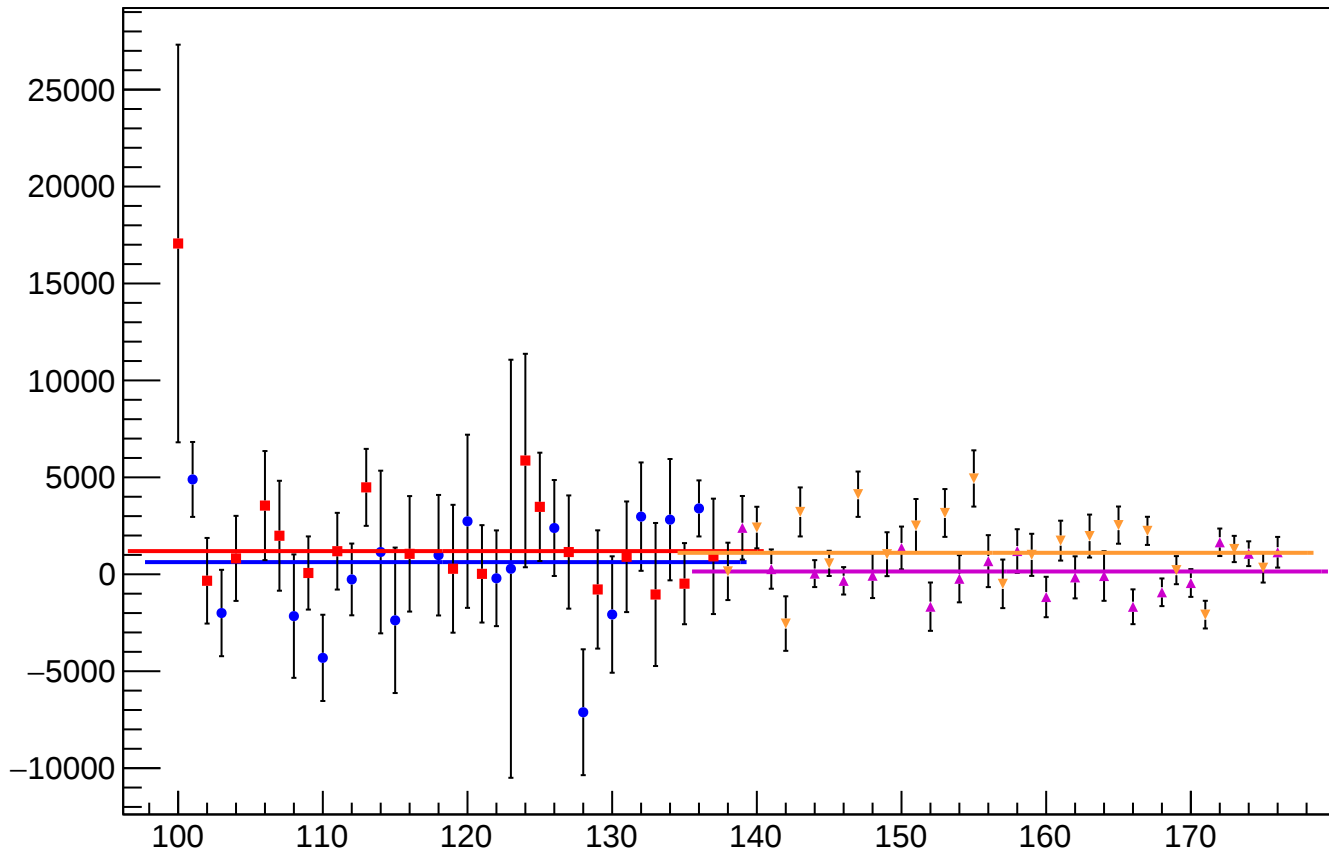
Left In: 2087.089+/-0.387 χ^2/NDF : 386661.8/18

+ sign 2273.315+/-0.360 χ^2/NDF : 3372766.3/36

All: 2284.436+/-0.256 χ^2/NDF : 7244848.4/74

- sign 2295.801+/-0.364 χ^2/NDF : 3870152.1/37

asym_sam3_mean vs Slug



Right In: 627.655+/-620.929 χ^2/NDF : 25.1/16

Left Out: 1107.919+/-213.295 χ^2/NDF : 59.4/19

Right Out: 1195.385+/-603.058 χ^2/NDF : 9.9/18

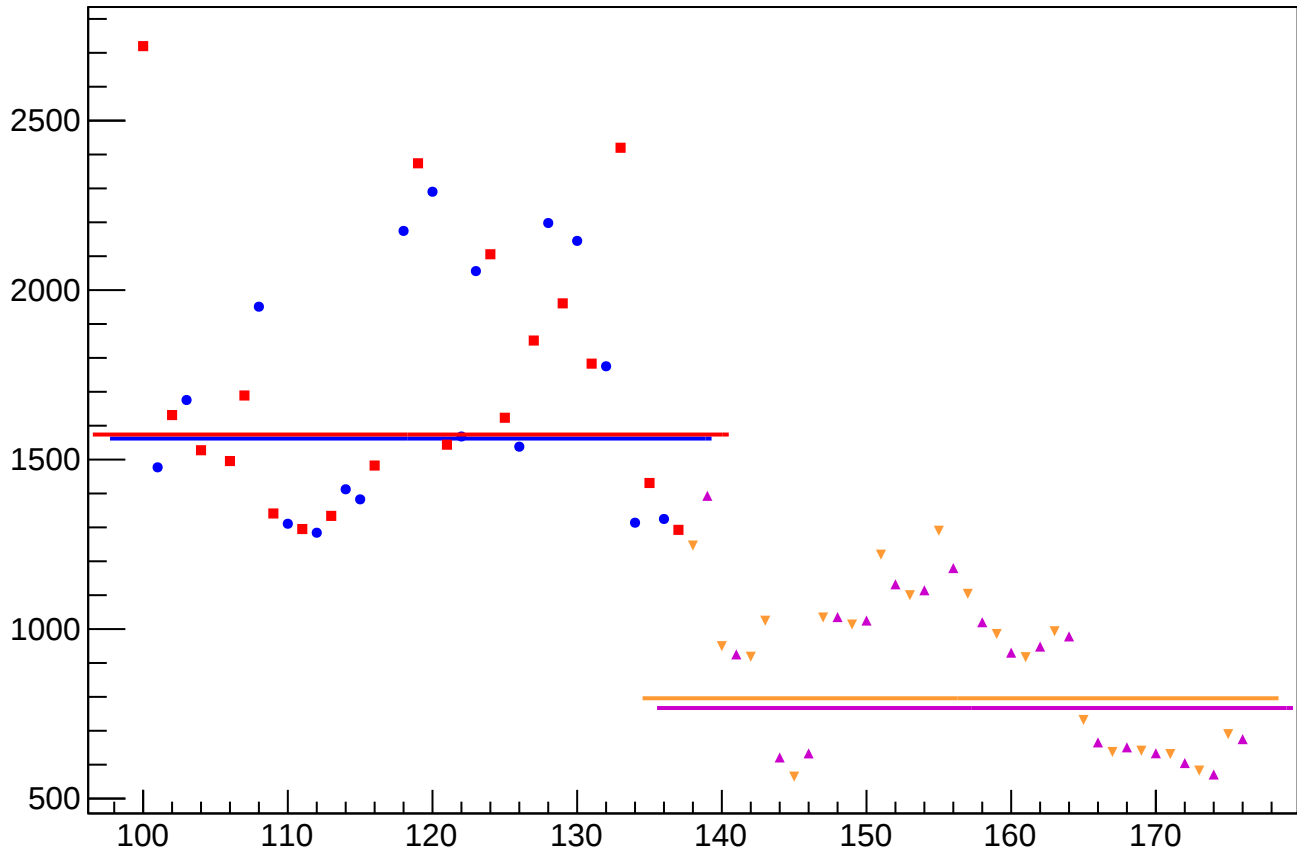
Left In: 144.300+/-207.529 χ^2/NDF : 23.8/18

+ sign 1057.229+/-201.725 χ^2/NDF : 85.0/36

All: 645.354+/-140.660 χ^2/NDF : 129.6/74

- sign 255.594+/-196.235 χ^2/NDF : 36.4/37

asym_sam3_rms vs Slug



Right In: 1562.101 $\pm$ 0.439 χ^2 /NDF: 482088.3/16

Left Out: 795.872 $\pm$ 0.151 χ^2 /NDF: 2072675.7/19

Right Out: 1573.906 $\pm$ 0.426 χ^2 /NDF: 463991.4/18

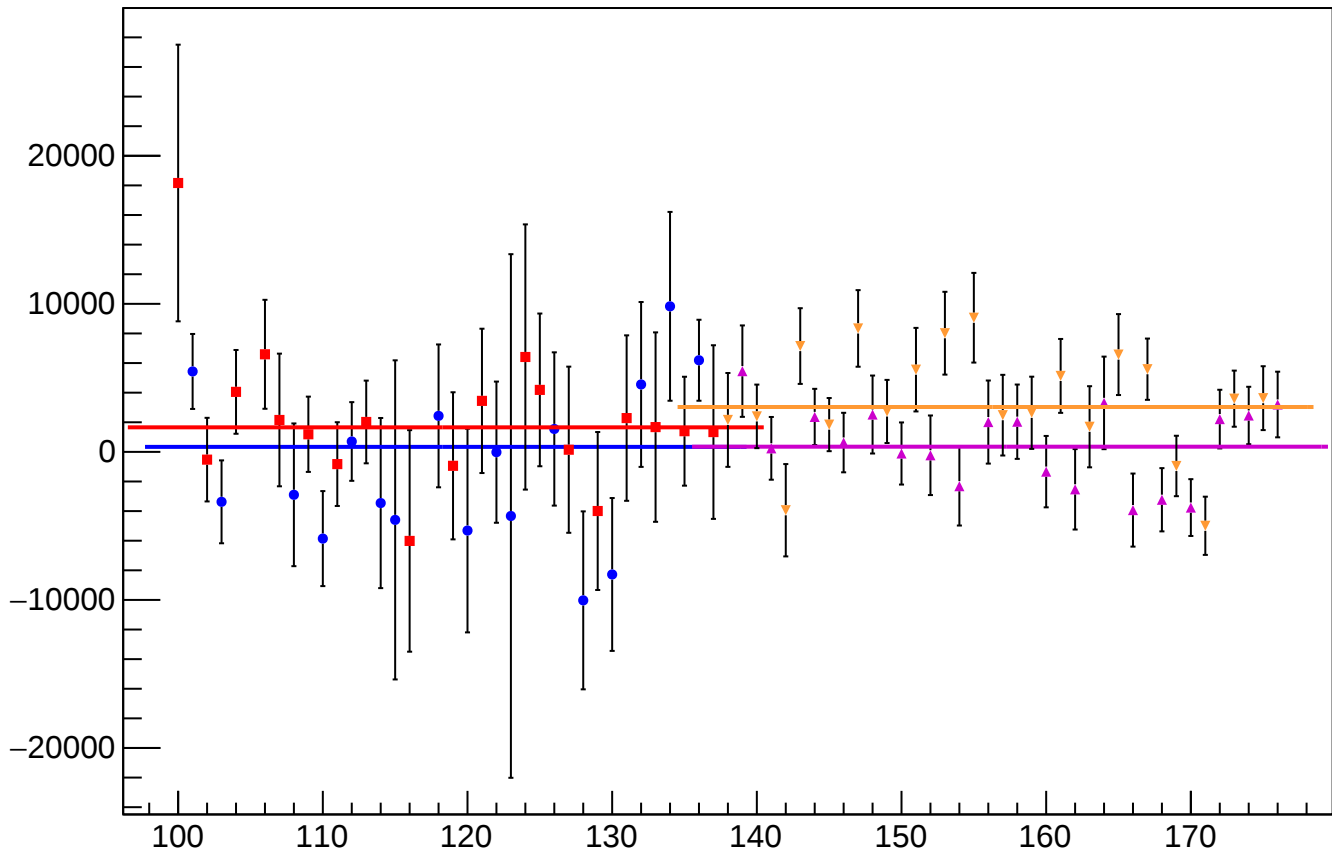
Left In: 767.117 $\pm$ 0.147 χ^2 /NDF: 1969514.8/18

+ sign 876.743 $\pm$ 0.143 χ^2 /NDF: 5278858.2/36

All: 864.310 $\pm$ 0.099 χ^2 /NDF: 10927707.7/74

- sign 852.544 $\pm$ 0.139 χ^2 /NDF: 5634061.9/37

asym_sam4_mean vs Slug



Right In: 338.117 $\pm$ 995.842 χ^2 /NDF: 24.8/16

Left Out: 3031.559 $\pm$ 529.250 χ^2 /NDF: 45.2/19

Right Out: 1658.069 $\pm$ 924.453 χ^2 /NDF: 10.3/18

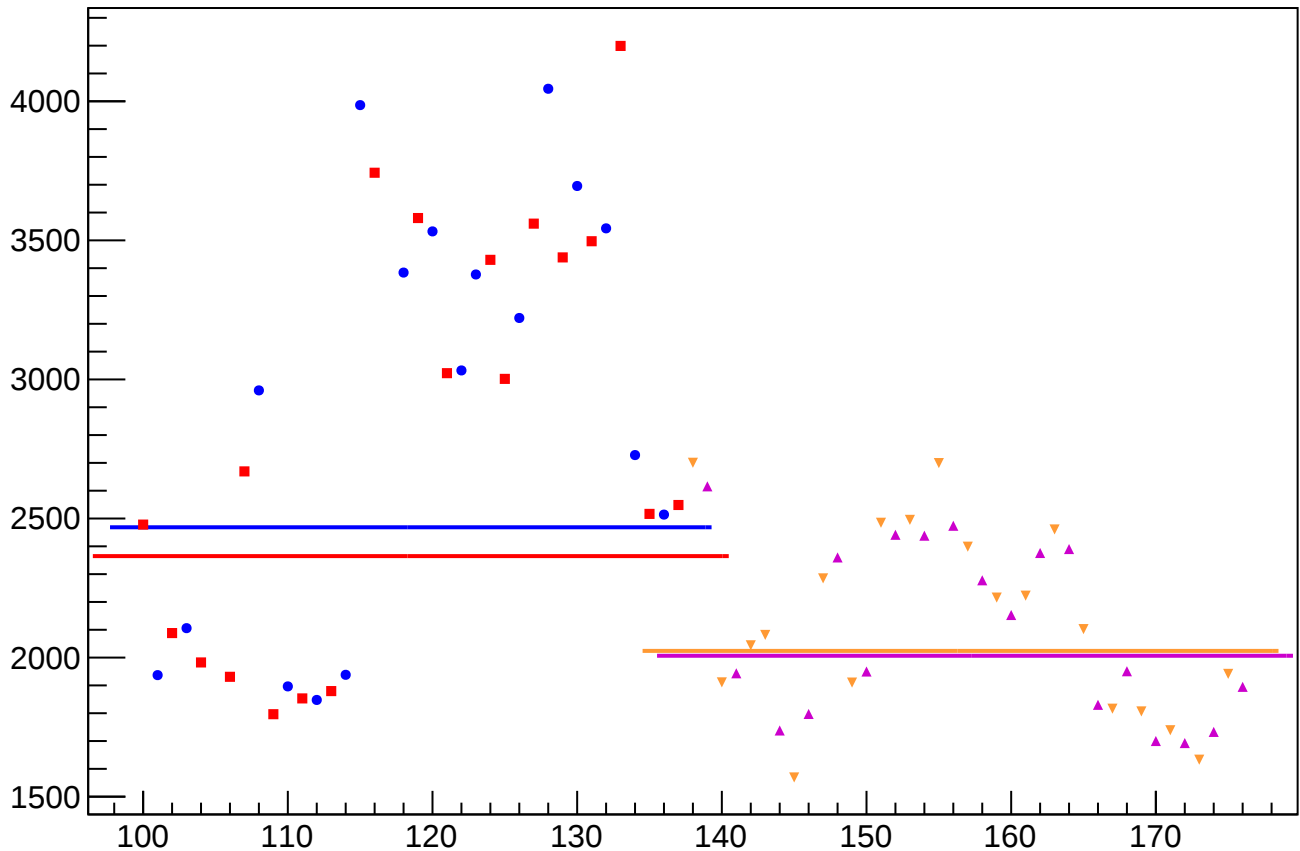
Left In: 350.441 $\pm$ 528.605 χ^2 /NDF: 23.1/18

+ sign 2438.350 $\pm$ 467.348 χ^2 /NDF: 75.7/36

All: 1539.359 $\pm$ 327.431 χ^2 /NDF: 117.8/74

- sign 672.637 $\pm$ 458.884 χ^2 /NDF: 34.9/37

asym_sam4_rms vs Slug



Right In: 2468.489 $\pm$ 0.704 χ^2 /NDF: 896153.6/16

Left Out: 2024.076 $\pm$ 0.374 χ^2 /NDF: 749925.7/19

Right Out: 2364.833 $\pm$ 0.654 χ^2 /NDF: 1025161.0/18

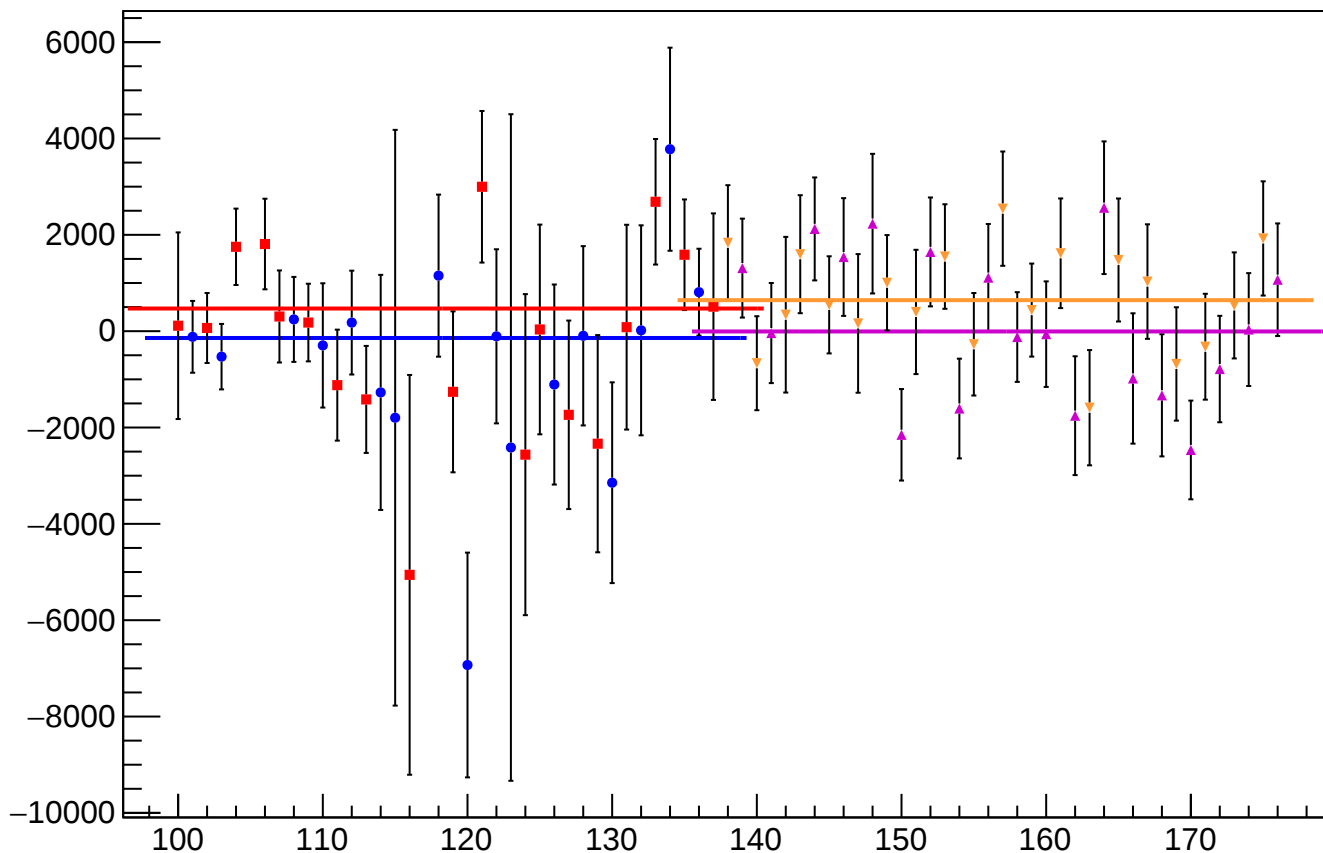
Left In: 2006.584 $\pm$ 0.374 χ^2 /NDF: 595087.7/18

+ sign 2121.954 $\pm$ 0.330 χ^2 /NDF: 1956666.1/36

All: 2108.157 $\pm$ 0.232 χ^2 /NDF: 3806684.6/74

- sign 2094.856 $\pm$ 0.324 χ^2 /NDF: 1846595.0/37

asym_sam5_mean vs Slug



Right In: -141.213 ± 313.319 $\chi^2/\text{NDF}: 16.9/16$

Left Out: 643.942 ± 255.807 $\chi^2/\text{NDF}: 15.7/19$

Right Out: 470.143 ± 282.892 $\chi^2/\text{NDF}: 22.9/18$

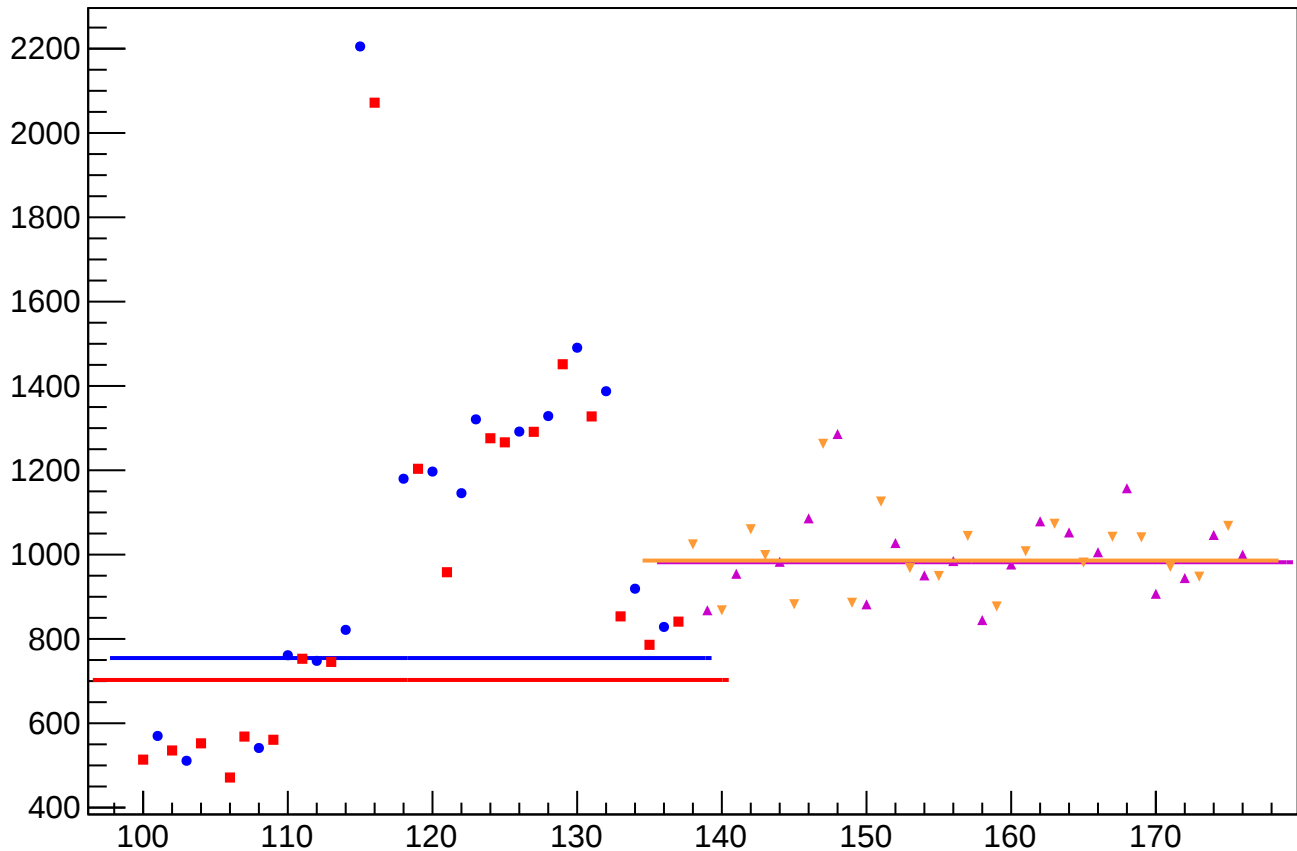
Left In: -5.910 ± 257.367 $\chi^2/\text{NDF}: 34.5/18$

+ sign 329.904 ± 198.152 $\chi^2/\text{NDF}: 36.4/36$

All: 267.383 ± 137.281 $\chi^2/\text{NDF}: 95.6/74$

- sign 209.675 ± 190.372 $\chi^2/\text{NDF}: 58.9/37$

asym_sam5_rms vs Slug



Right In: 754.684 $\pm$ 0.222 χ^2 /NDF: 1690621.2/16

Left Out: 985.890 $\pm$ 0.181 χ^2 /NDF: 240851.0/19

Right Out: 702.721 $\pm$ 0.200 χ^2 /NDF: 1691602.9/18

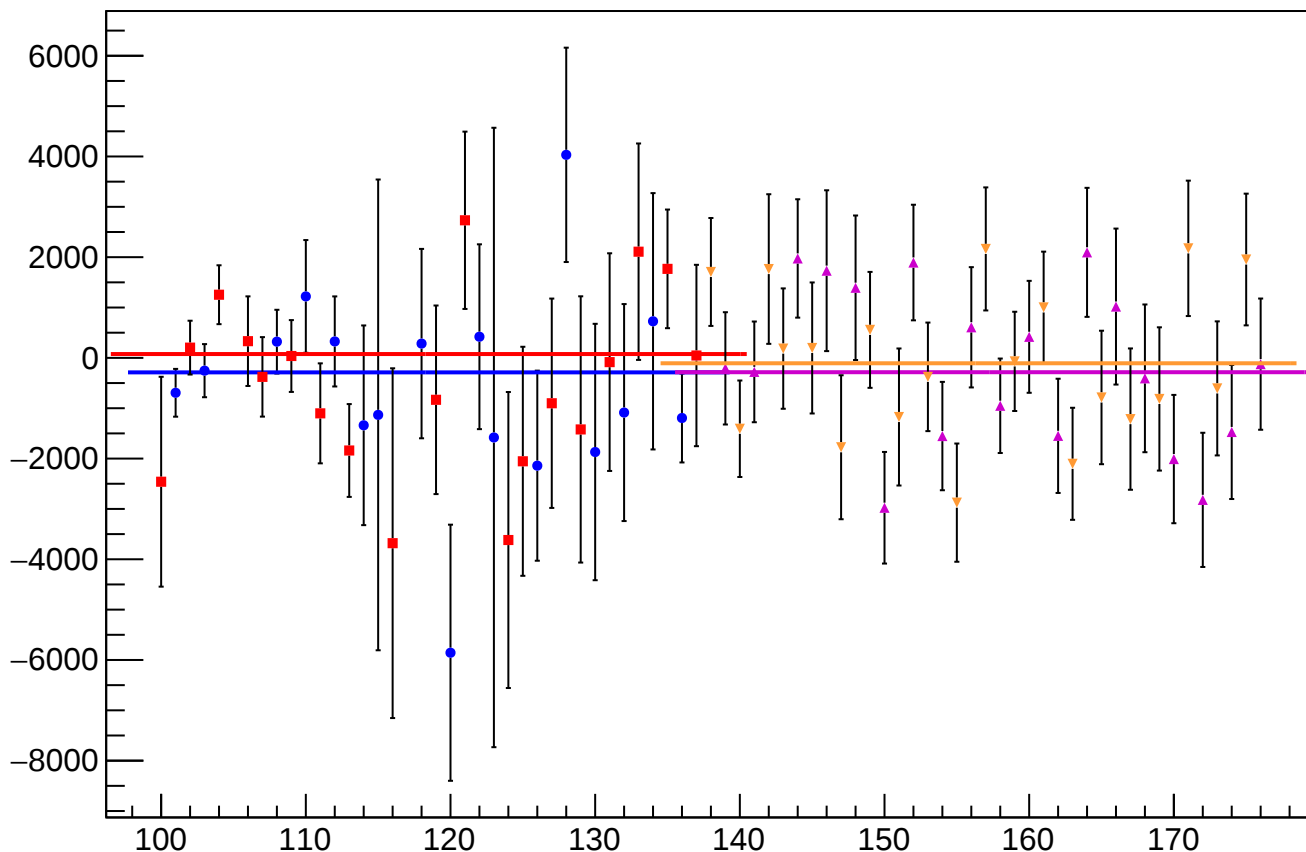
Left In: 981.885 $\pm$ 0.182 χ^2 /NDF: 275315.4/18

+ sign 893.415 $\pm$ 0.140 χ^2 /NDF: 2584950.4/36

All: 873.679 $\pm$ 0.097 χ^2 /NDF: 5655648.9/74

- sign 855.463 $\pm$ 0.135 χ^2 /NDF: 3032547.5/37

asym_sam6_mean vs Slug



Right In: -288.037 ± 250.436 χ^2/NDF : 16.2/16

Left Out: -107.163 ± 270.492 χ^2/NDF : 28.7/19

Right Out: 76.119 ± 246.083 χ^2/NDF : 21.4/18

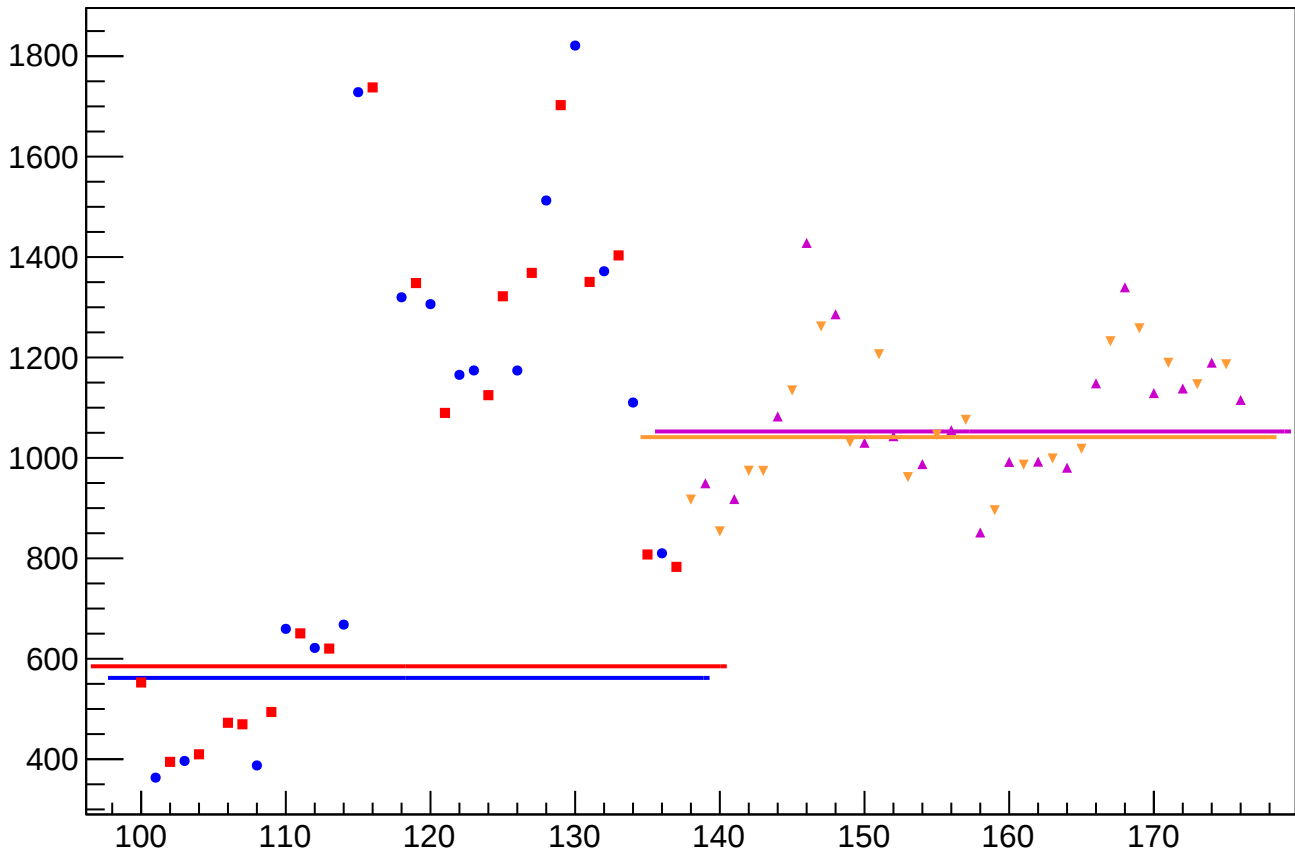
Left In: -284.657 ± 276.420 χ^2/NDF : 30.7/18

+ sign -204.553 ± 183.766 χ^2/NDF : 45.1/36

All: -143.984 ± 129.955 χ^2/NDF : 98.3/74

- sign -83.393 ± 183.800 χ^2/NDF : 53.0/37

asym_sam6_rms vs Slug



Right In: 561.894 $\pm$ 0.177 χ^2 /NDF: 3216651.3/16

Left Out: 1041.377 $\pm$ 0.191 χ^2 /NDF:410705.4/19

Right Out: 584.993 $\pm$ 0.174 χ^2 /NDF: 2824449.5/18

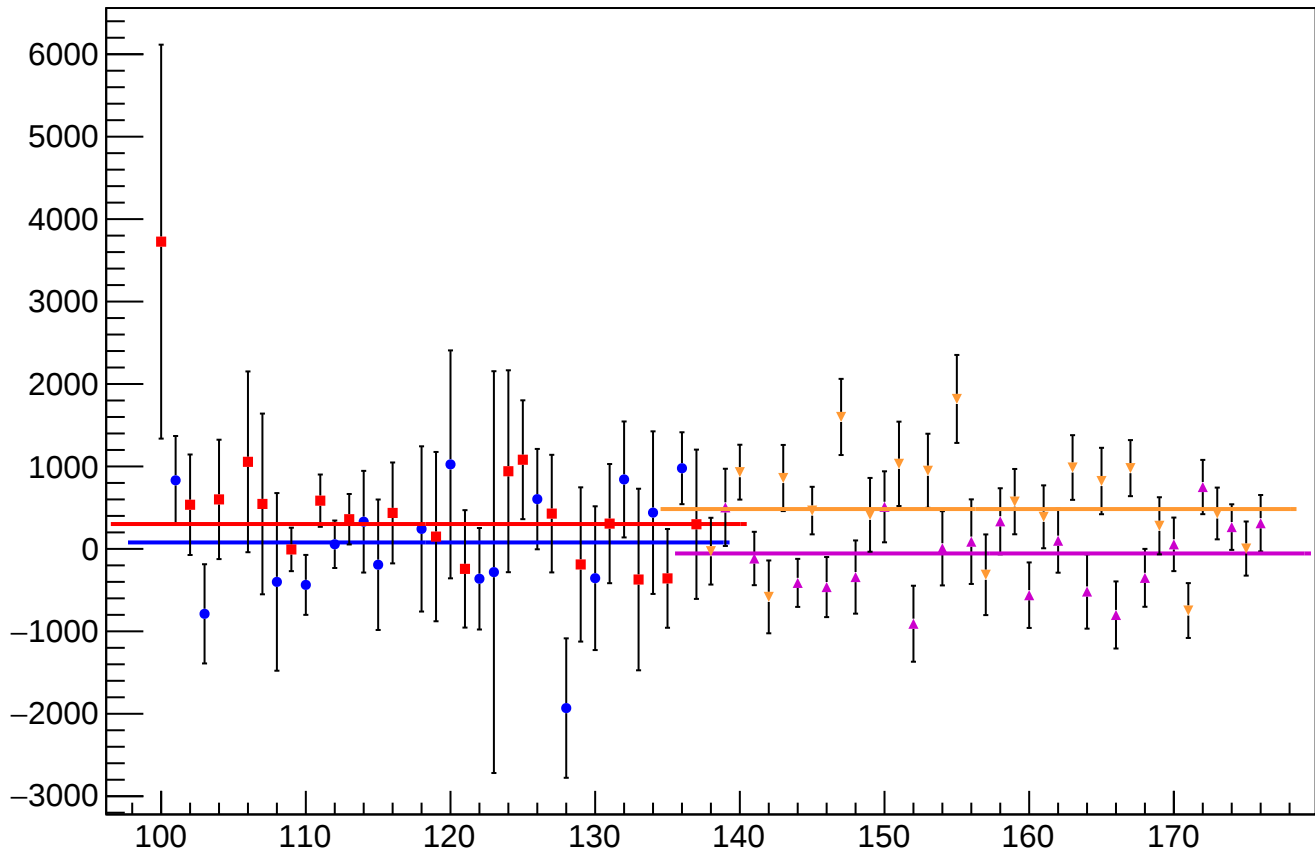
Left In: 1052.651 $\pm$ 0.195 χ^2 /NDF:461680.5/18

+ sign 783.202 $\pm$ 0.130 χ^2 /NDF: 7011190.1/36

All: 787.481 $\pm$ 0.092 χ^2 /NDF: 13493072.9/74

- sign 791.761 $\pm$ 0.130 χ^2 /NDF: 6479714.0/37

asym_sam7_mean vs Slug



Right In: 78.184 ± 142.869 χ^2/NDF : 19.8/16

Left Out: 483.293 ± 85.752 χ^2/NDF : 47.9/19

Right Out: 301.651 ± 129.650 χ^2/NDF : 9.1/18

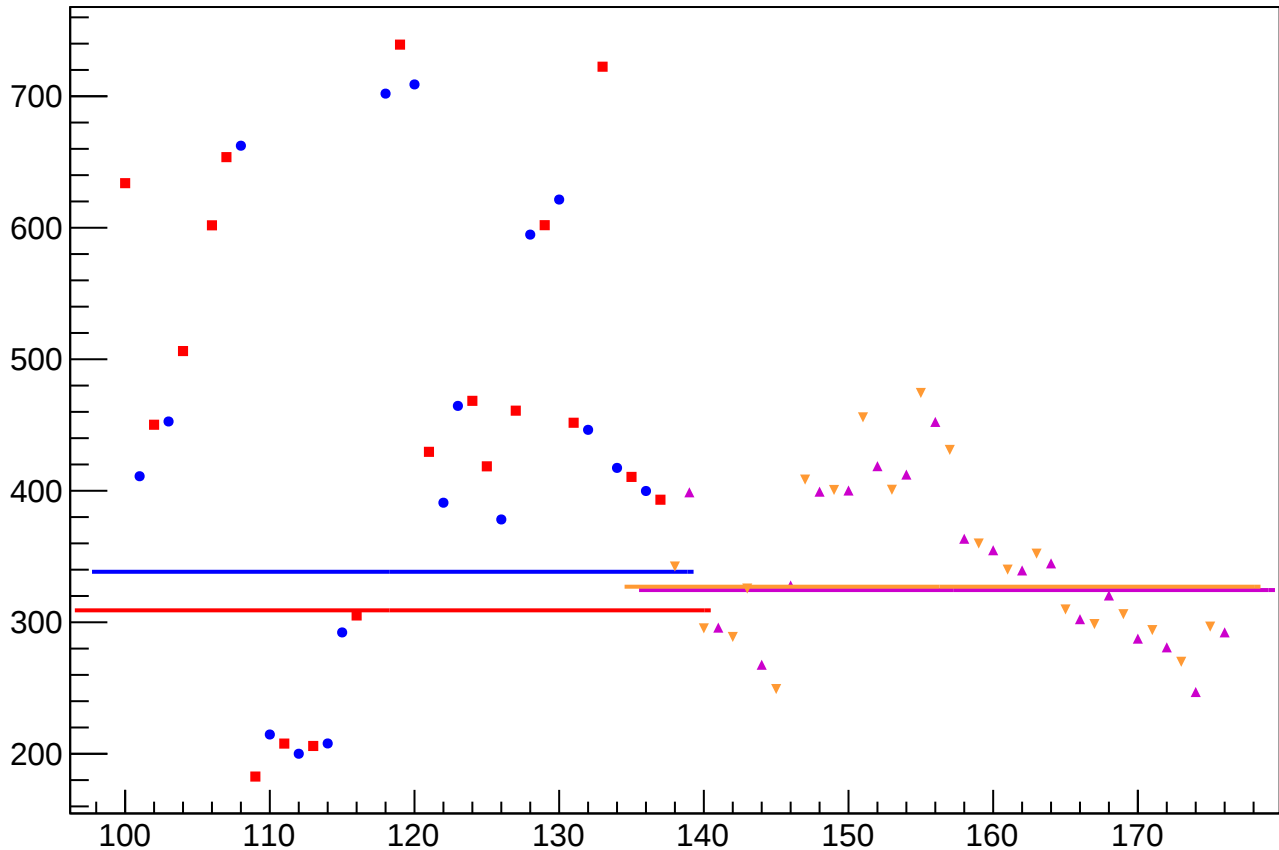
Left In: -55.336 ± 85.774 χ^2/NDF : 26.3/18

+ sign 376.003 ± 73.525 χ^2/NDF : 73.6/36

All: 210.252 ± 51.272 χ^2/NDF : 124.2/74

- sign 53.346 ± 71.536 χ^2/NDF : 40.7/37

asym_sam7_rms vs Slug



Right In: 338.408 $\pm$ 0.101 χ^2 /NDF: 2009287.1/16

Left Out: 327.061 $\pm$ 0.061 χ^2 /NDF:873440.0/19

Right Out: 309.081 $\pm$ 0.092 χ^2 /NDF: 2733465.5/18

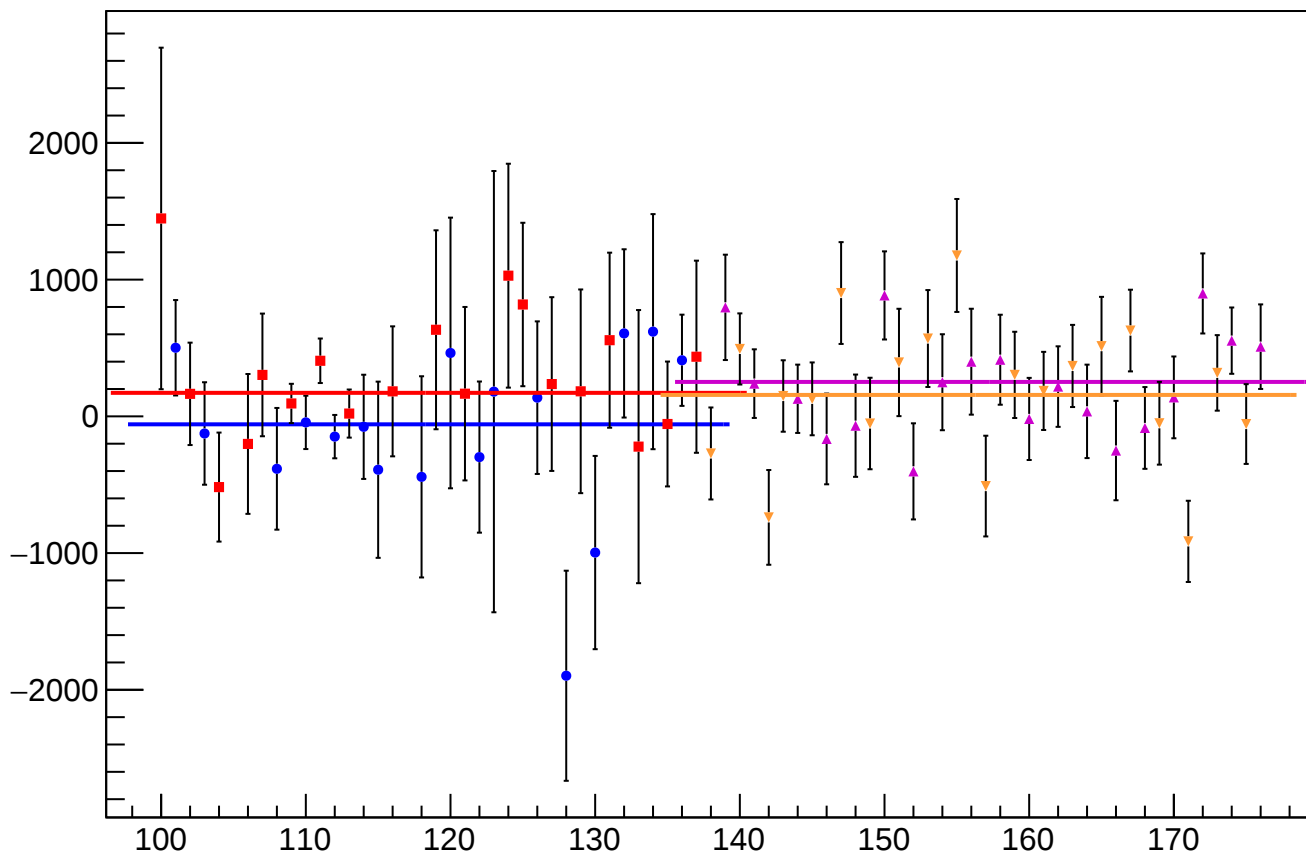
Left In: 324.505 $\pm$ 0.061 χ^2 /NDF:823977.6/18

+ sign 330.066 $\pm$ 0.052 χ^2 /NDF: 2892001.2/36

All: 324.797 $\pm$ 0.036 χ^2 /NDF: 6489126.8/74

- sign 319.809 $\pm$ 0.051 χ^2 /NDF: 3577131.2/37

asym_sam8_mean vs Slug



Right In: -58.299 ± 90.484 $\chi^2/\text{NDF}: 15.9/16$

Left Out: 156.726 ± 70.030 $\chi^2/\text{NDF}: 44.0/19$

Right Out: 171.954 ± 76.920 $\chi^2/\text{NDF}: 11.3/18$

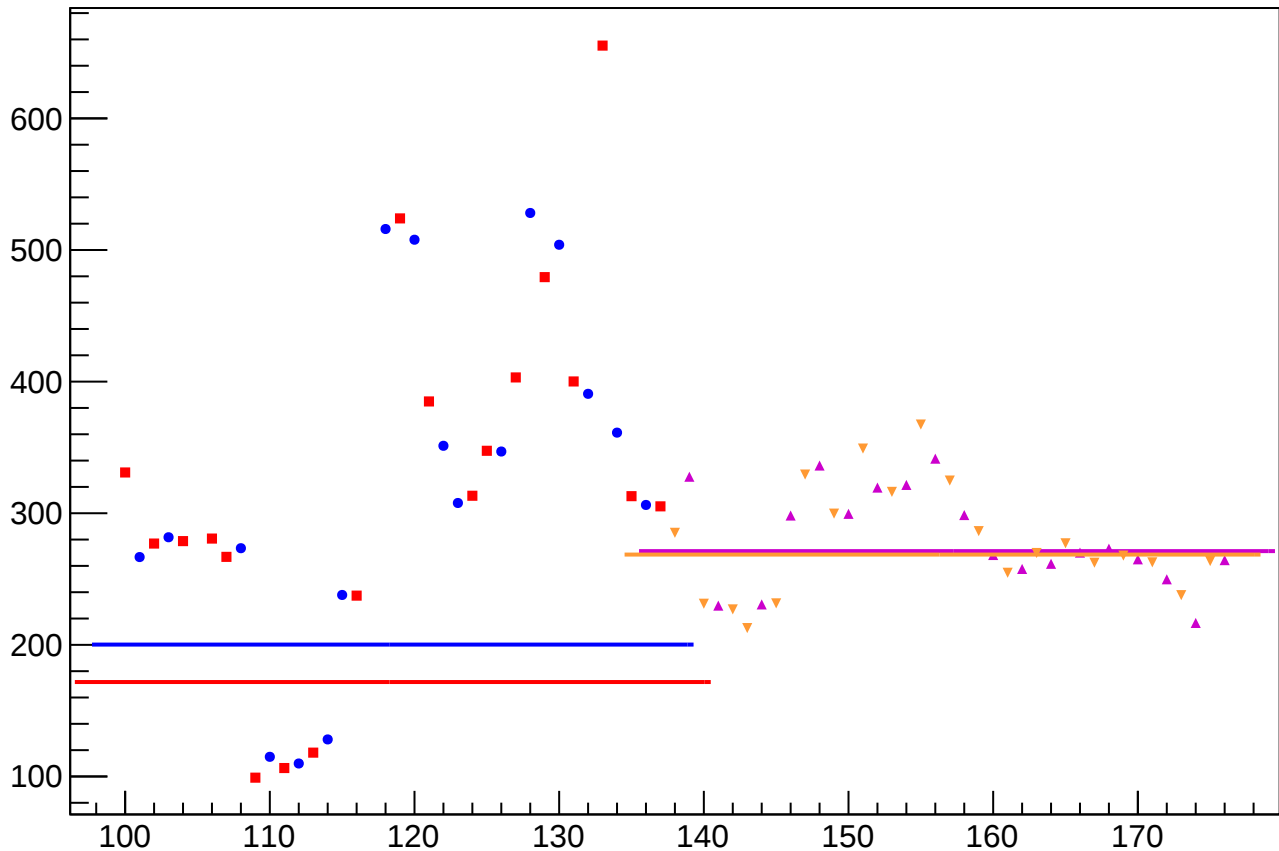
Left In: 251.831 ± 71.277 $\chi^2/\text{NDF}: 23.9/18$

+ sign 76.176 ± 55.381 $\chi^2/\text{NDF}: 63.4/36$

All: 149.544 ± 38.017 $\chi^2/\text{NDF}: 102.6/74$

- sign 214.930 ± 52.282 $\chi^2/\text{NDF}: 35.9/37$

asym_sam8_rms vs Slug



Right In: 200.209 $\pm$ 0.064 χ^2 /NDF: 3387197.7/16

Left Out: 268.598 $\pm$ 0.050 χ^2 /NDF: 596343.2/19

Right Out: 171.757 $\pm$ 0.054 χ^2 /NDF: 4093922.6/18

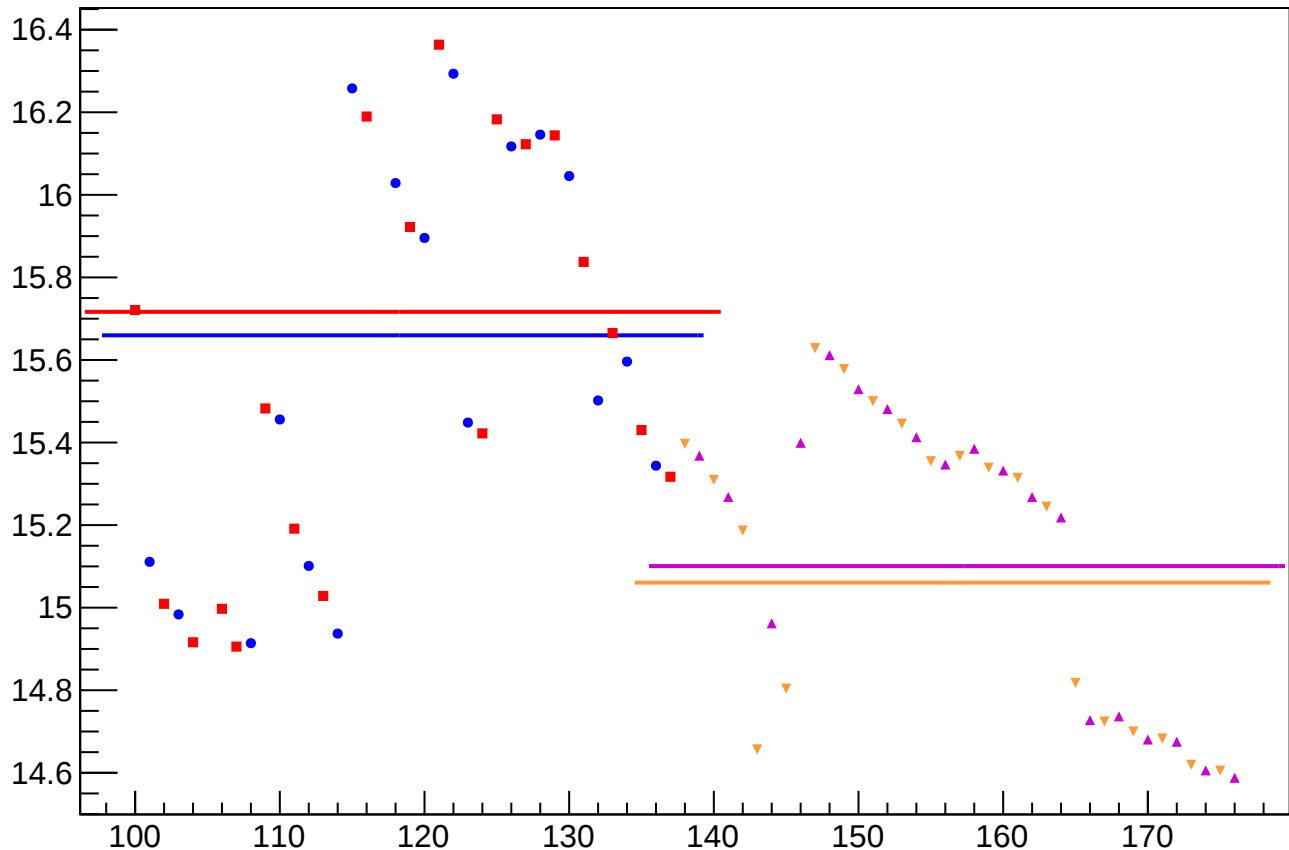
Left In: 271.223 $\pm$ 0.050 χ^2 /NDF: 517574.5/18

+ sign 242.979 $\pm$ 0.039 χ^2 /NDF: 4698049.9/36

All: 233.616 $\pm$ 0.027 χ^2 /NDF: 11216937.5/74

- sign 225.272 $\pm$ 0.037 χ^2 /NDF: 6410779.8/37

yield_sam1_mean vs Slug



Right In: 15.660 $\pm$ 0.000 χ^2 /NDF: 5782644553.5/16

Left Out: 15.061 $\pm$ 0.000 χ^2 /NDF: 15841553035.7/19

Right Out: 15.717 $\pm$ 0.000 χ^2 /NDF: 5461829475.3/18

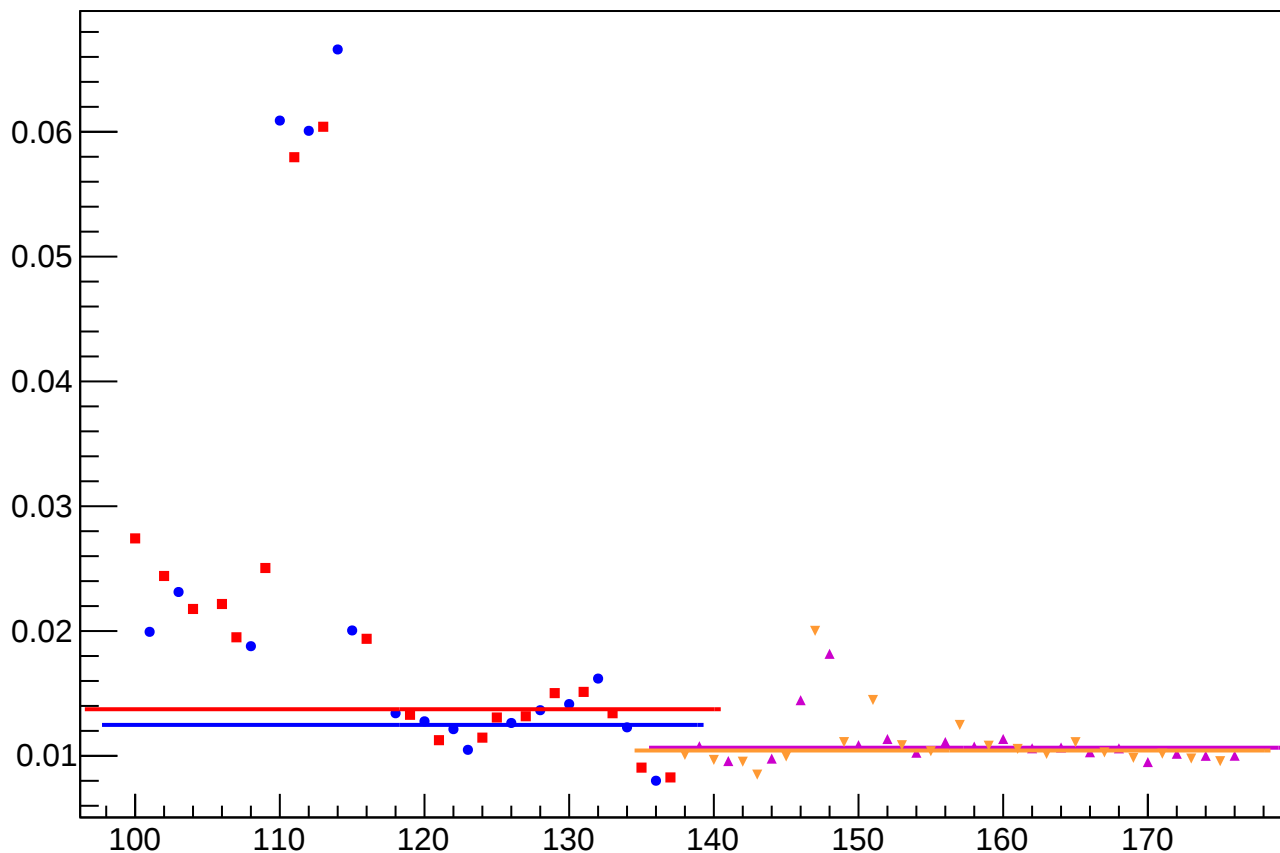
Left In: 15.101 $\pm$ 0.000 χ^2 /NDF: 14322014591.9/18

+ sign 15.183 $\pm$ 0.000 χ^2 /NDF: 31079895774.3/36

All: 15.200 $\pm$ 0.000 χ^2 /NDF: 59820424371.7

- sign 15.218 $\pm$ 0.000 χ^2 /NDF: 28642438707.1/37

yield_sam1_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 2152911.4/16

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:623146.4/19

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2077569.4/18

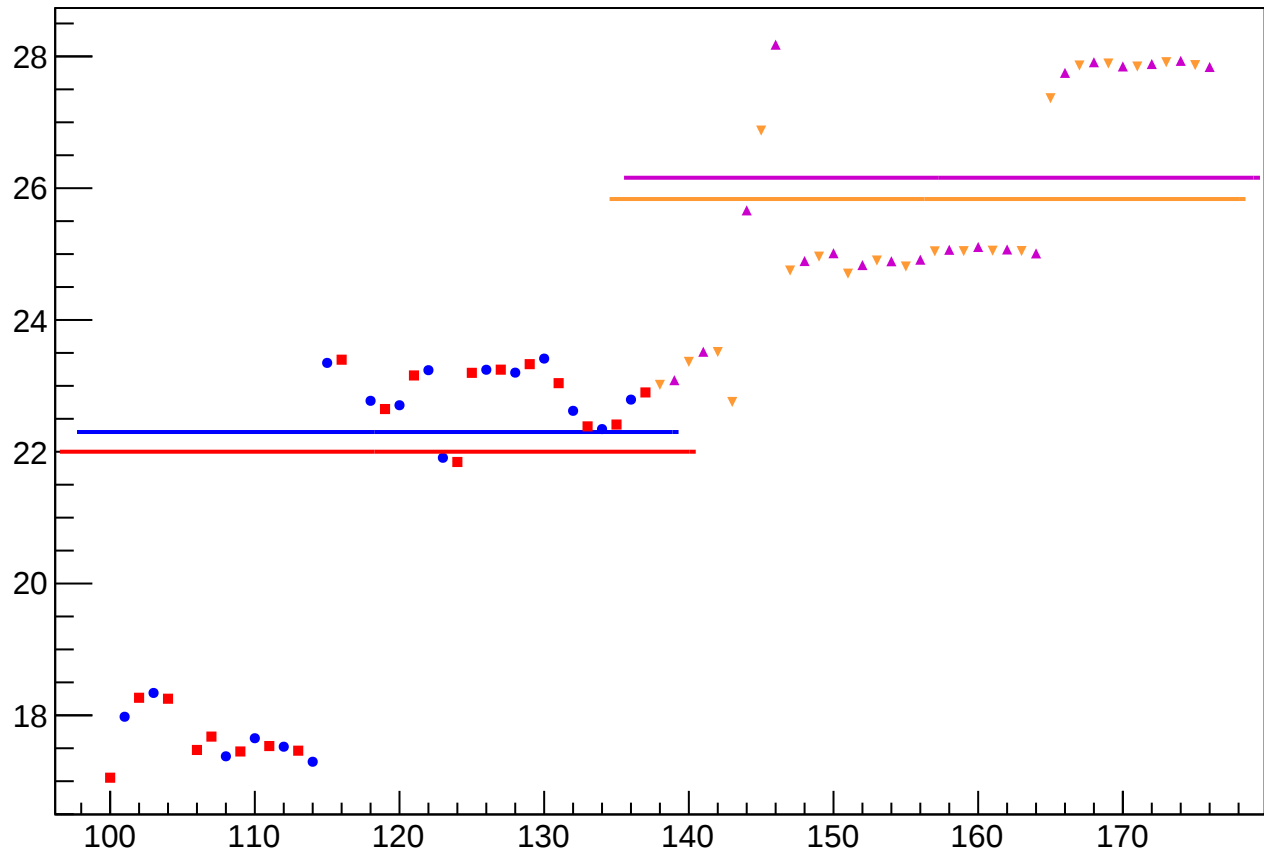
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:452563.8/18

+ sign 0.011 $\pm$ 0.000 χ^2 /NDF: 2997799.1/36

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 5996416.8/74

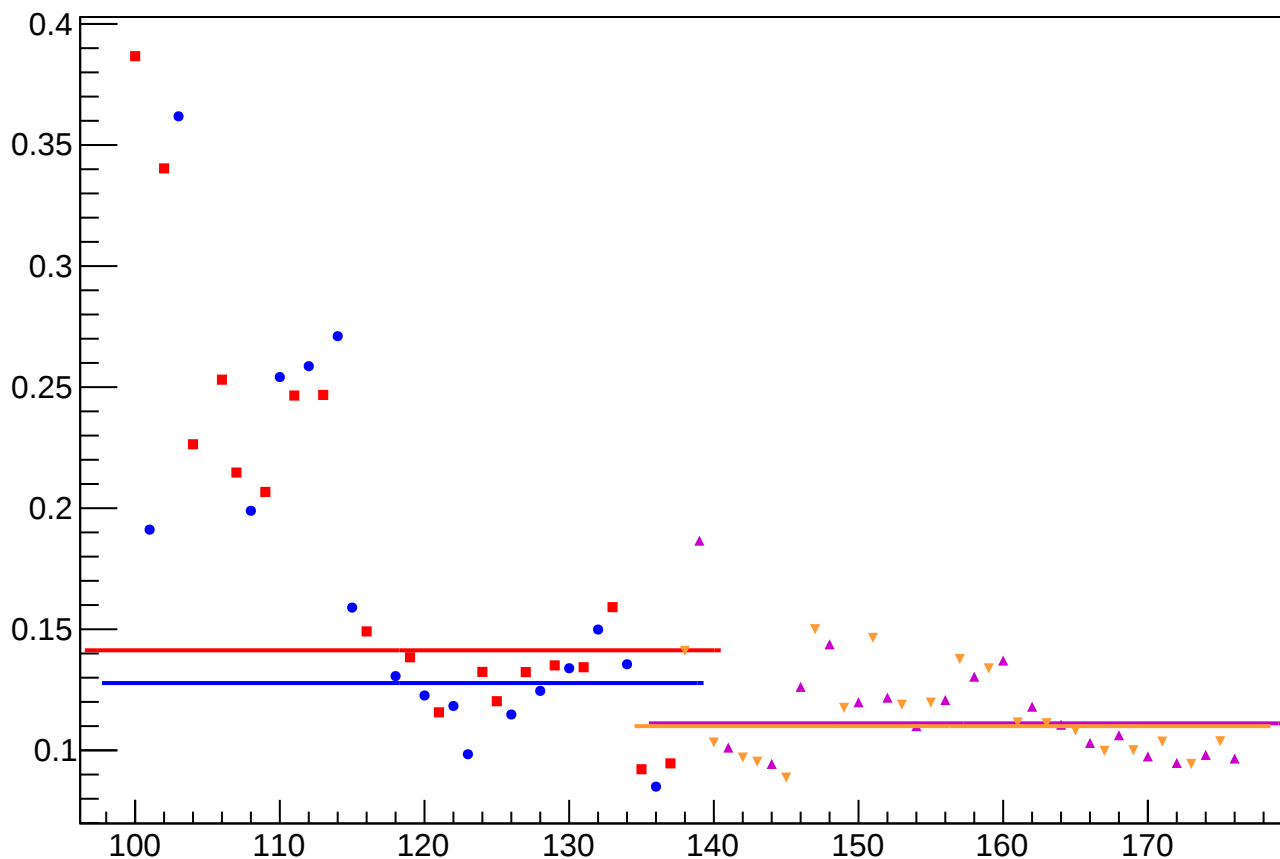
- sign 0.011 $\pm$ 0.000 χ^2 /NDF: 2974418.9/37

yield_sam2_mean vs Slug



Right In: 22.300+/-0.000	χ^2/NDF : 938398636.8/16	+ sign 25.038+/-0.000	χ^2/NDF : 7287204177.1/36
Left Out: 25.836+/-0.000	χ^2/NDF : 3349605613.2/19	All: 25.155+/-0.000	χ^2/NDF : 14755062071.8
Right Out: 22.001+/-0.000	χ^2/NDF : 1066041325.5/18	- sign 25.277+/-0.000	χ^2/NDF : 7429738656.4/37
Left In: 26.159+/-0.000	χ^2/NDF : 2606736395.8/18		

yield_sam2_rms vs Slug



Right In: 0.128 ± 0.000 χ^2/NDF : 1492109.7/16

Left Out: 0.110 ± 0.000 χ^2/NDF : 566763.8/19

Right Out: 0.141 ± 0.000 χ^2/NDF : 1449275.1/18

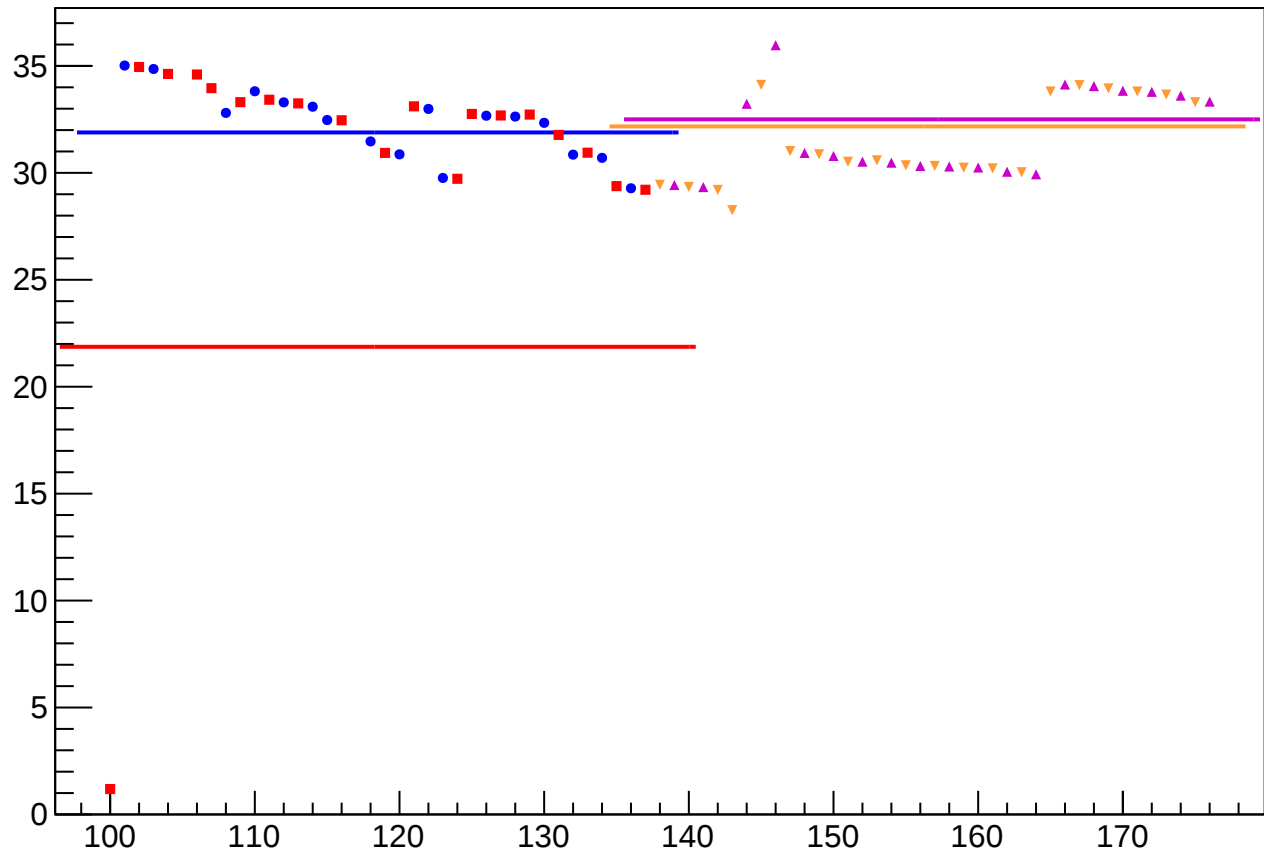
Left In: 0.111 ± 0.000 χ^2/NDF : 631462.3/18

+ sign 0.114 ± 0.000 χ^2/NDF : 2210644.3/36

All: 0.116 ± 0.000 χ^2/NDF : 4703534.2/74

- sign 0.118 ± 0.000 χ^2/NDF : 2476279.9/37

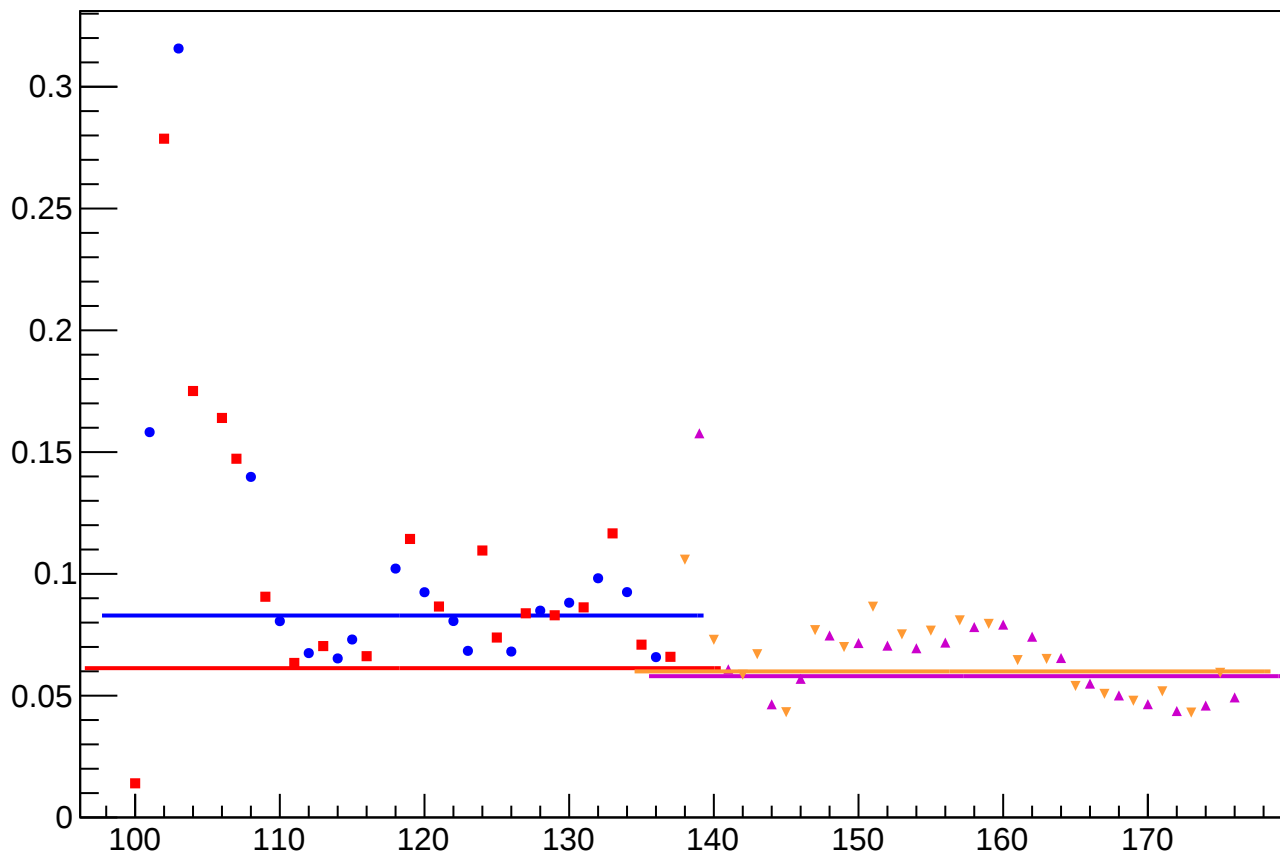
yield_sam3_mean vs Slug



Right In: 31.889 ± 0.000 χ^2/NDF : 1930403776.3/16
 Left Out: 32.171 ± 0.000 χ^2/NDF : 11755354728.4/19
 Right Out: 21.867 ± 0.000 χ^2/NDF : 230068750081.7/18
 Left In: 32.501 ± 0.000 χ^2/NDF : 11669044750.8/18

+ sign 32.120 ± 0.000 χ^2/NDF : 13732074236.7/36
 All: 30.947 ± 0.000 χ^2/NDF : 356502741208.
 - sign 29.903 ± 0.000 χ^2/NDF : 332688629415.5/37

yield_sam3_rms vs Slug



Right In: 0.083 $\pm$ 0.000 χ^2 /NDF: 1164452.3/16

Left Out: 0.060 $\pm$ 0.000 χ^2 /NDF:1284401.1/19

Right Out: 0.061 $\pm$ 0.000 χ^2 /NDF: 3603853.3/18

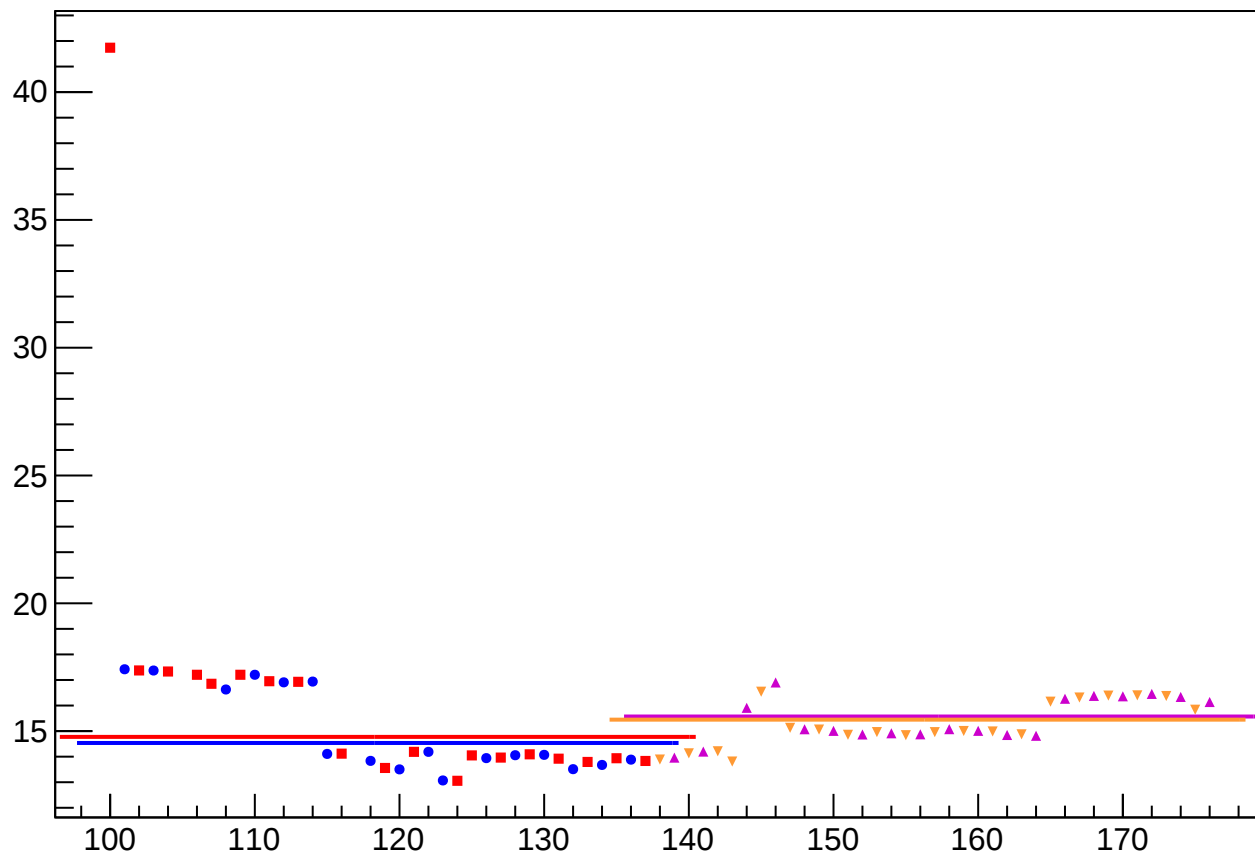
Left In: 0.058 $\pm$ 0.000 χ^2 /NDF:1511289.1/18

+ sign 0.064 $\pm$ 0.000 χ^2 /NDF: 3061517.9/36

All: 0.061 $\pm$ 0.000 χ^2 /NDF: 8312333.9/74

- sign 0.059 $\pm$ 0.000 χ^2 /NDF: 5132530.6/37

yield_sam4_mean vs Slug



Right In: 14.536+/-0.000 χ^2/NDF : 1470499792.7/16

Left Out: 15.448+/-0.000 χ^2/NDF : 2219983341.7/19

Right Out: 14.774+/-0.000 χ^2/NDF : 1886755709.2/18

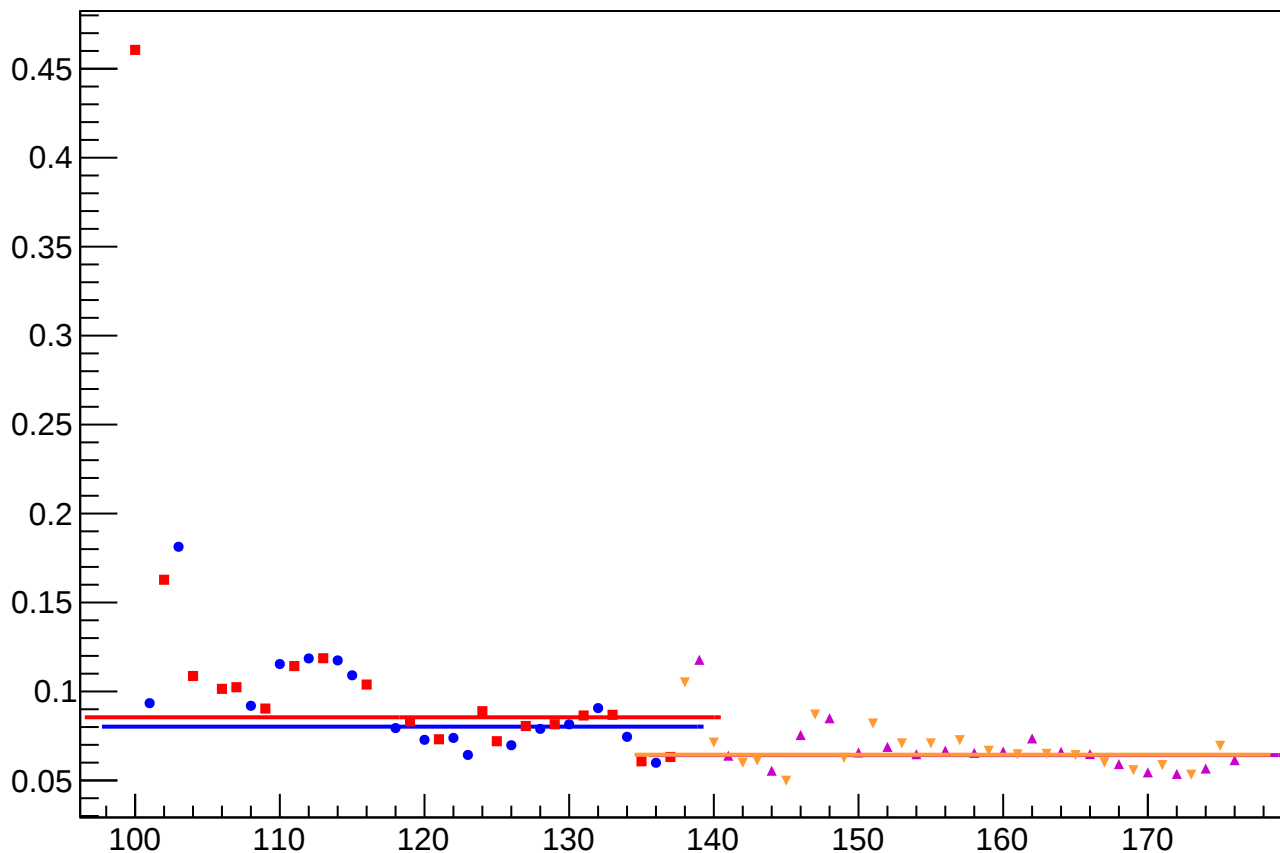
Left In: 15.571+/-0.000 χ^2/NDF : 1868236165.1/18

+ sign 15.248+/-0.000 χ^2/NDF : 4247625319.7/36

All: 15.325+/-0.000 χ^2/NDF : 8452630040.2/77

- sign 15.403+/-0.000 χ^2/NDF : 4158299593.4/37

yield_sam4_rms vs Slug



Right In: 0.080+/-0.000 χ^2/NDF : 778734.5/16

Left Out: 0.064+/-0.000 χ^2/NDF : 632790.4/19

Right Out: 0.085+/-0.000 χ^2/NDF : 738043.0/18

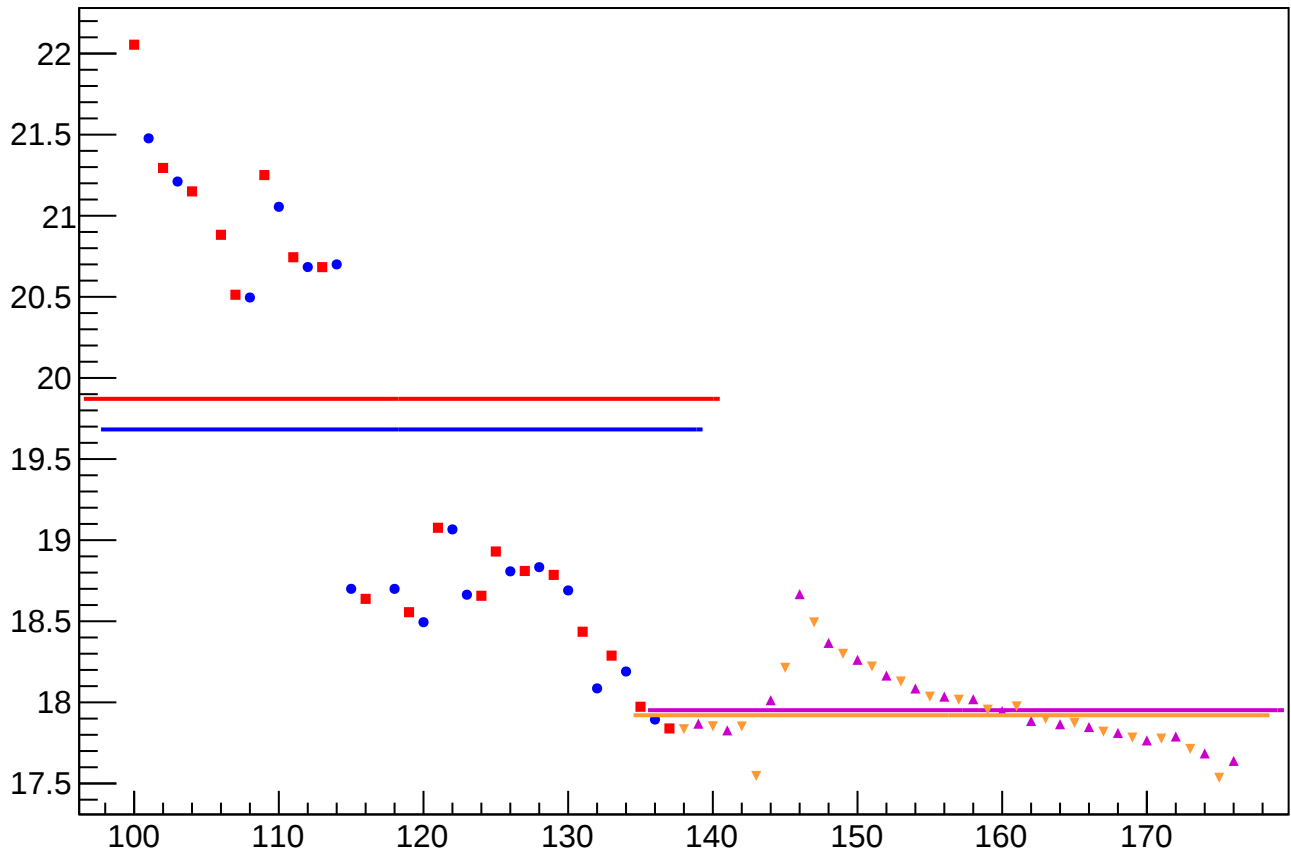
Left In: 0.064+/-0.000 χ^2/NDF : 605168.6/18

+ sign 0.068+/-0.000 χ^2/NDF : 1744009.8/36

All: 0.068+/-0.000 χ^2/NDF : 3663111.6/74

- sign 0.069+/-0.000 χ^2/NDF : 1916786.0/37

yield_sam5_mean vs Slug



Right In: 19.683+/-0.000 χ^2/NDF : 12276801857.2/16

Left Out: 17.921+/-0.000 χ^2/NDF : 715783825.7/19

Right Out: 19.871+/-0.000 χ^2/NDF : 11324266794.7/18

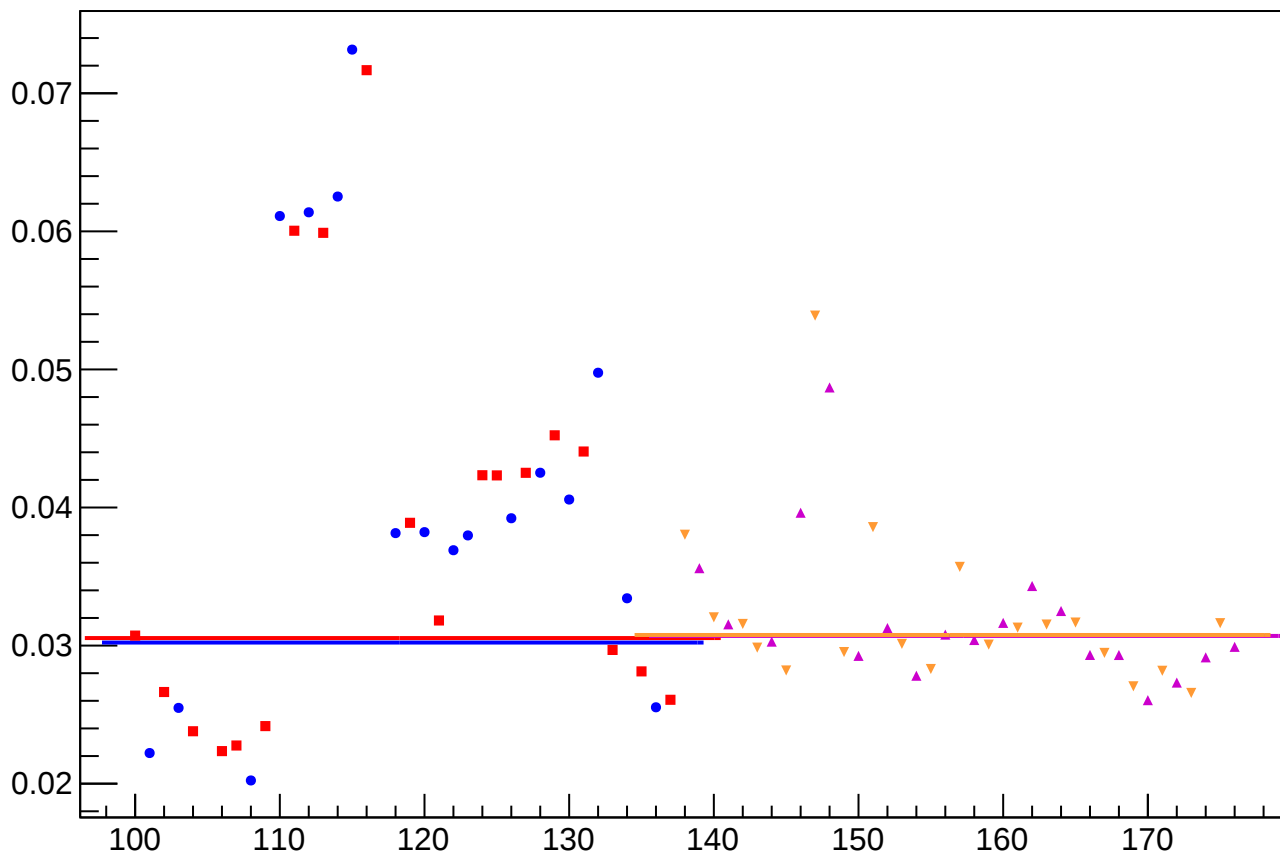
Left In: 17.952+/-0.000 χ^2/NDF : 721002838.8/18

+ sign 18.430+/-0.000 χ^2/NDF : 26486997962.7/36

All: 18.477+/-0.000 χ^2/NDF : 54971817690.6

- sign 18.524+/-0.000 χ^2/NDF : 28390202196.2/37

yield_sam5_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 1324518.2/16

Left Out: 0.031+/-0.000 χ^2/NDF : 532580.1/19

Right Out: 0.031+/-0.000 χ^2/NDF : 1189734.1/18

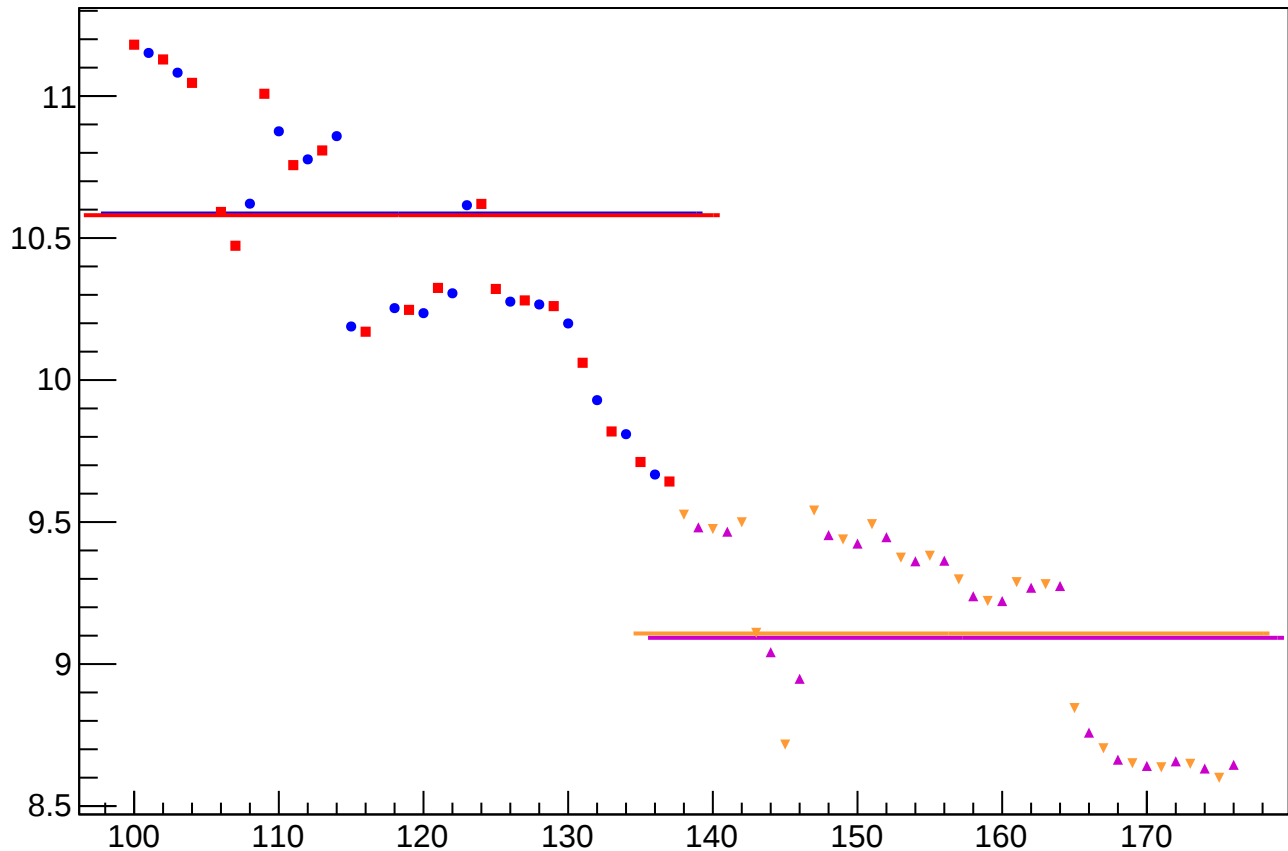
Left In: 0.031+/-0.000 χ^2/NDF : 438241.0/18

+ sign 0.031+/-0.000 χ^2/NDF : 1859704.2/36

All: 0.031+/-0.000 χ^2/NDF : 3487931.1/74

- sign 0.031+/-0.000 χ^2/NDF : 1628185.9/37

yield_sam6_mean vs Slug



Right In: 10.586 $\pm$ 0.000 χ^2 /NDF: 7420104563.4/16

Left Out: 9.108 $\pm$ 0.000 χ^2 /NDF: 4398860758.8/19

Right Out: 10.580 $\pm$ 0.000 χ^2 /NDF: 5763852721.2/18

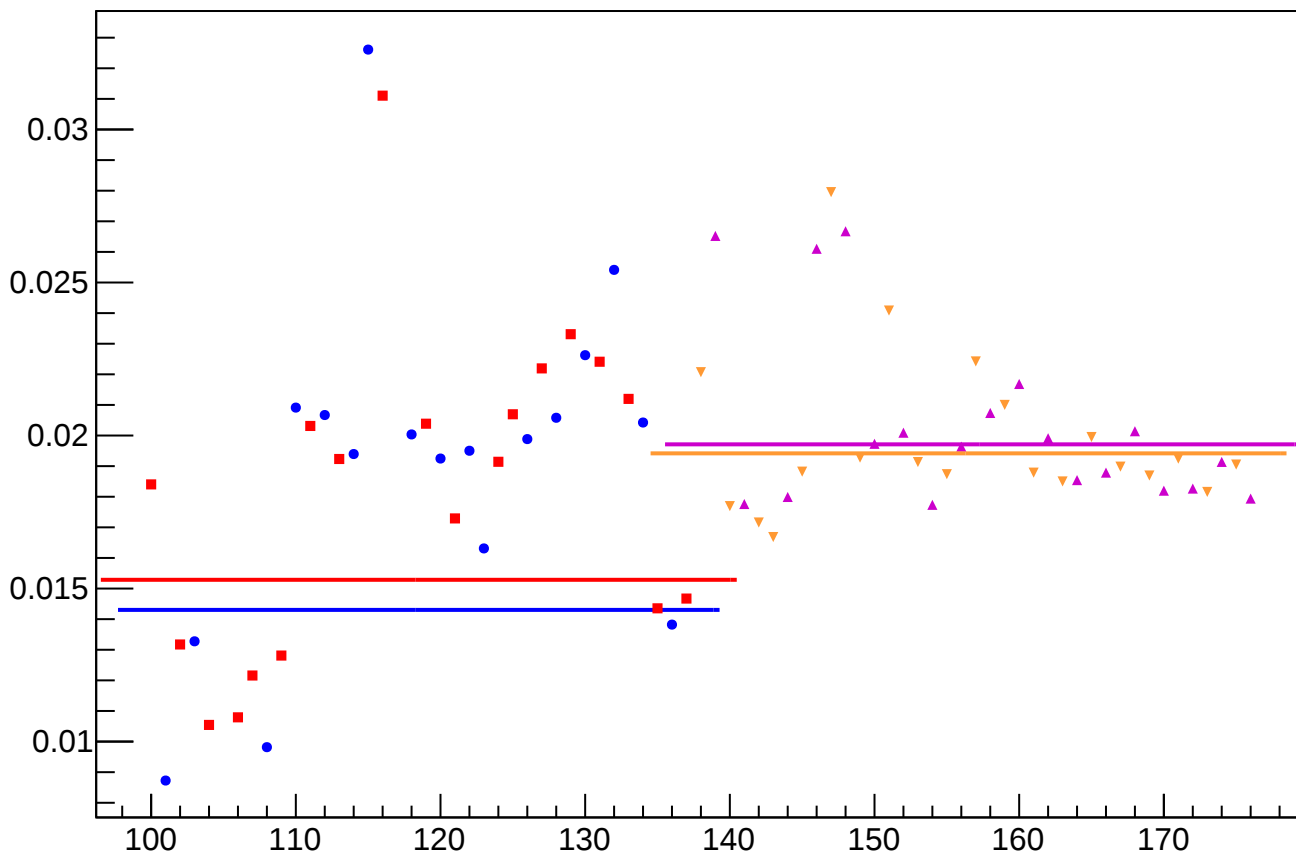
Left In: 9.092 $\pm$ 0.000 χ^2 /NDF: 3776954631.1/18

+ sign 9.725 $\pm$ 0.000 χ^2 /NDF: 44969783688.2/36

All: 9.723 $\pm$ 0.000 χ^2 /NDF: 86799658334.1/7

- sign 9.722 $\pm$ 0.000 χ^2 /NDF: 41829458263.8/37

yield_sam6_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1408012.0/16

Left Out: 0.019 $\pm$ 0.000 χ^2 /NDF:327256.6/19

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 989017.0/18

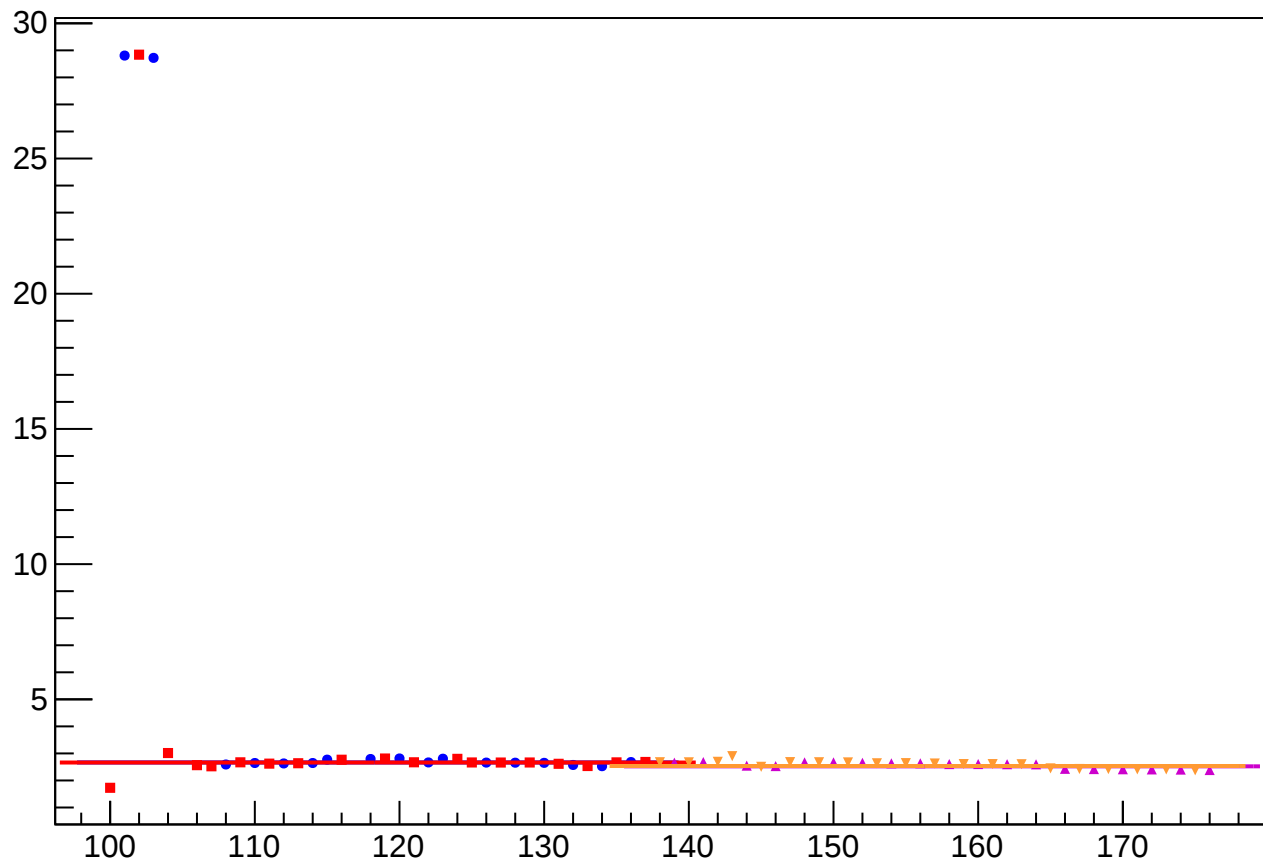
Left In: 0.020 $\pm$ 0.000 χ^2 /NDF:393037.7/18

+ sign 0.017 $\pm$ 0.000 χ^2 /NDF: 2528561.5/36

All: 0.018 $\pm$ 0.000 χ^2 /NDF: 4501089.1/74

- sign 0.018 $\pm$ 0.000 χ^2 /NDF: 1953422.7/37

yield_sam7_mean vs Slug



Right In: 2.666 $\pm$ 0.000 χ^2 /NDF: 163167327359.4/16

Left Out: 2.535 $\pm$ 0.000 χ^2 /NDF: 46554234471.2/19

Right Out: 2.664 $\pm$ 0.000 χ^2 /NDF: 70398125461.7/18

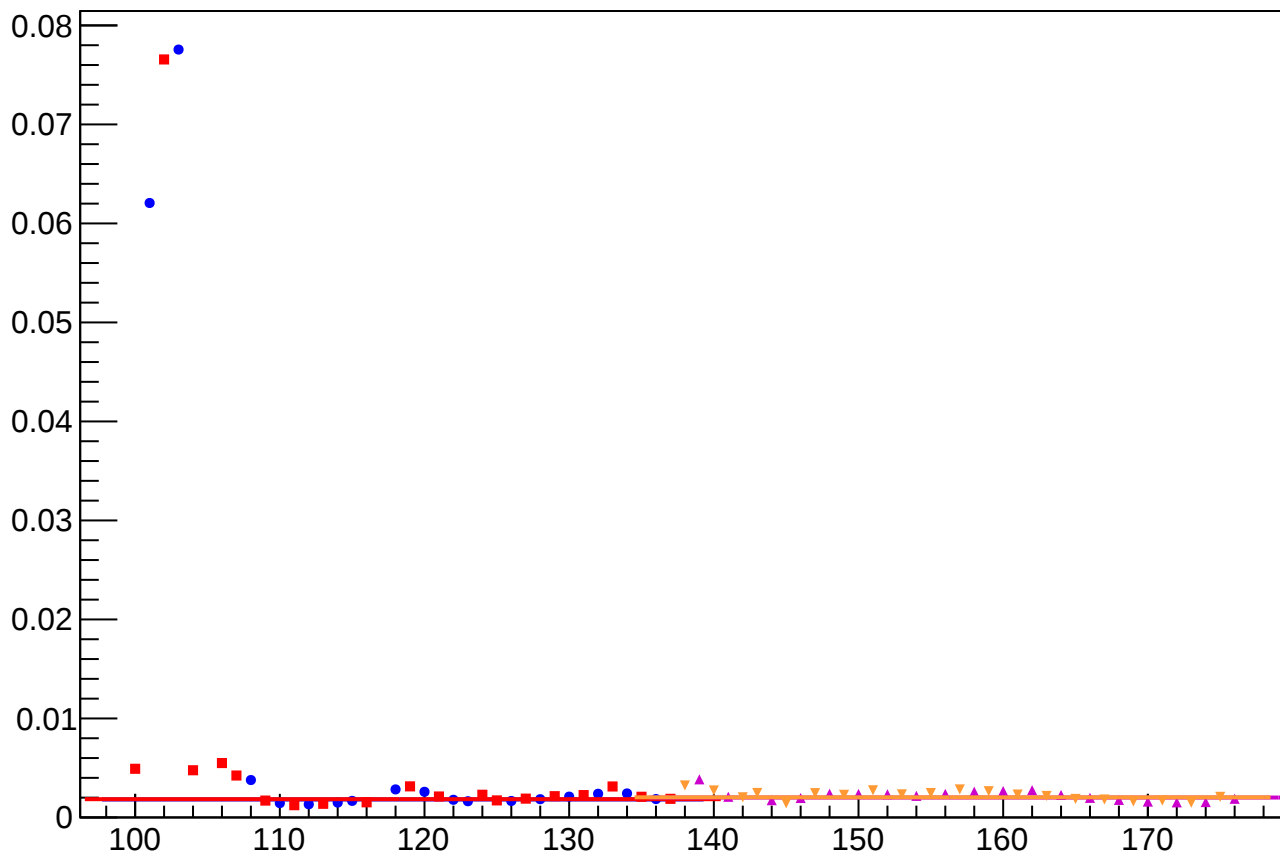
Left In: 2.523 $\pm$ 0.000 χ^2 /NDF: 35018911247.1/18

+ sign 2.576 $\pm$ 0.000 χ^2 /NDF: 225576942759.8/36

All: 2.572 $\pm$ 0.000 χ^2 /NDF: 350082205522.3

- sign 2.569 $\pm$ 0.000 χ^2 /NDF: 124372781455.2/37

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:1249666.9/19

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2331228.4/18

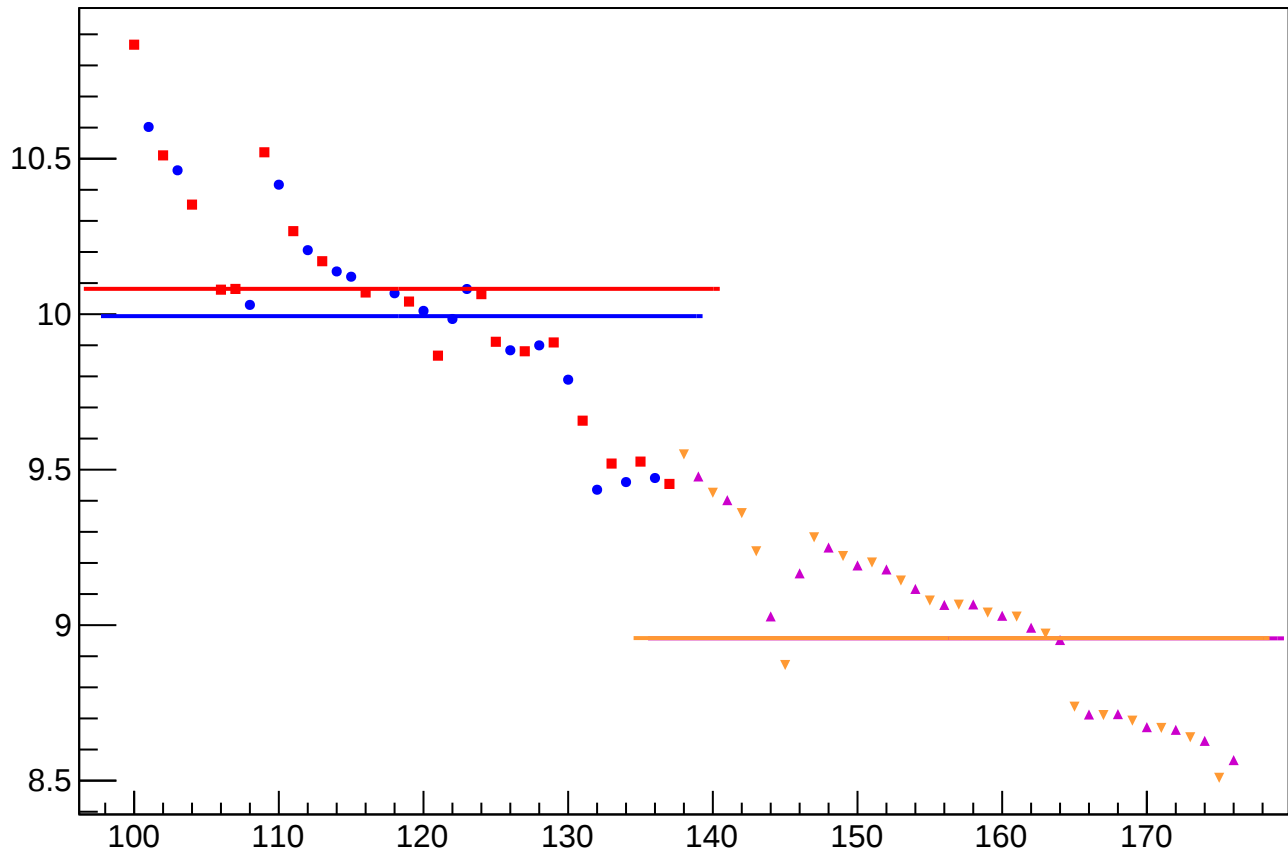
Left In: 0.002 $\pm$ 0.000 χ^2 /NDF:1120807.8/18

+ sign 0.002 $\pm$ 0.000 χ^2 /NDF: 3997055.2/36

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 7501273.5/74

- sign 0.002 $\pm$ 0.000 χ^2 /NDF: 3503964.0/37

yield_sam8_mean vs Slug



Right In: 9.994 $\pm$ 0.000 χ^2 /NDF: 18815741664.6/16

Left Out: 8.958 $\pm$ 0.000 χ^2 /NDF: 21976668669.4/19

Right Out: 10.082 $\pm$ 0.000 χ^2 /NDF: 15502695798.7/18

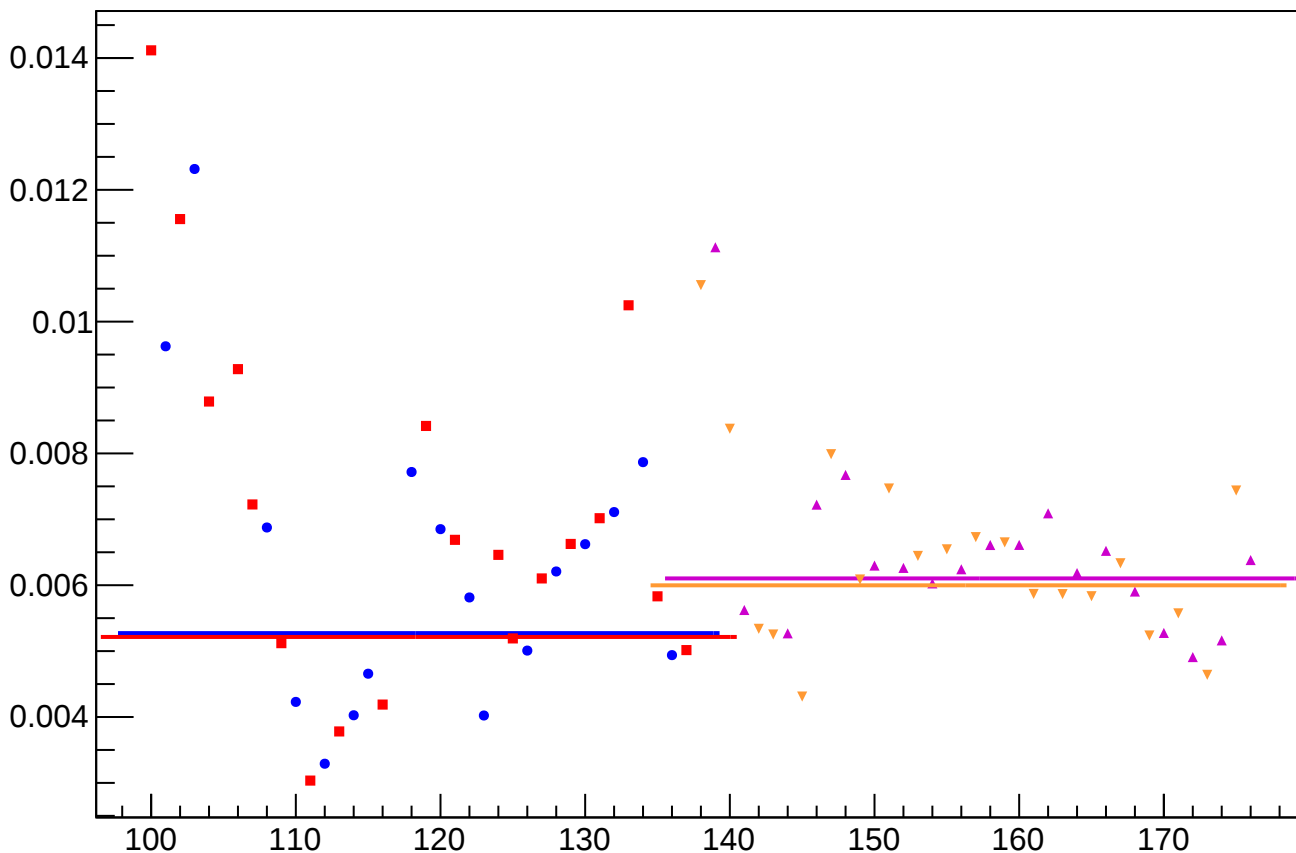
Left In: 8.958 $\pm$ 0.000 χ^2 /NDF: 20538175439.0/18

+ sign 9.322 $\pm$ 0.000 χ^2 /NDF: 166508503424.0/36

All: 9.351 $\pm$ 0.000 χ^2 /NDF: 354928691470.2

- sign 9.380 $\pm$ 0.000 χ^2 /NDF: 187561401825.5/37

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 : 896631.2/19

Right Out: 0.005+/-0.000 χ^2/NDF : 1657948.7/18

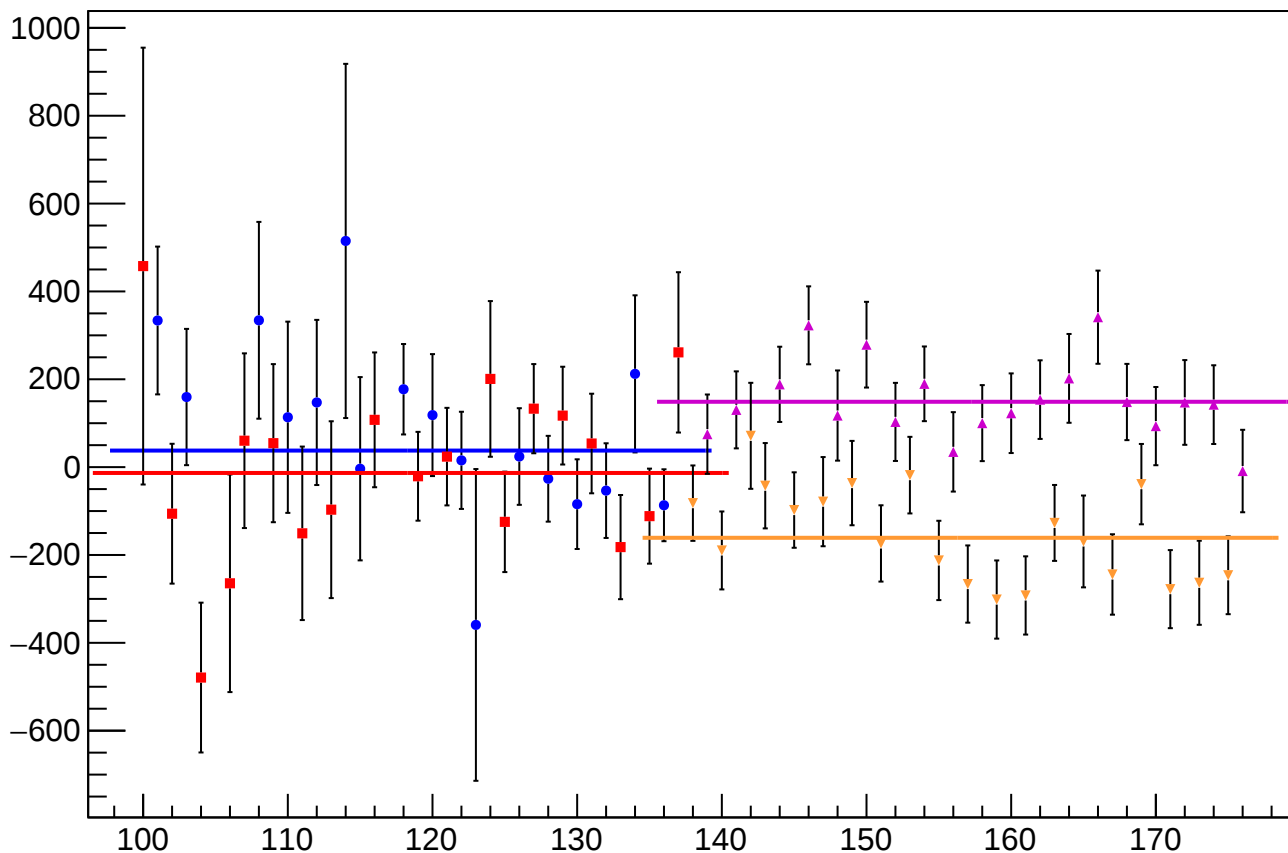
Left In: 0.006+/-0.000 χ^2/NDF : 606106.4/18

+ sign 0.006+/-0.000 χ^2/NDF : 2265587.6/36

All: 0.006+/-0.000 χ^2/NDF : 4719196.5/74

- sign 0.006+/-0.000 χ^2/NDF : 2453270.2/37

reg_asym_sam1_mean vs Slug



Right In: 37.694 ± 32.253 χ^2/NDF : 16.7/16

Left Out: -160.880 ± 20.523 χ^2/NDF : 24.7/19

Right Out: -13.278 ± 32.066 χ^2/NDF : 22.7/18

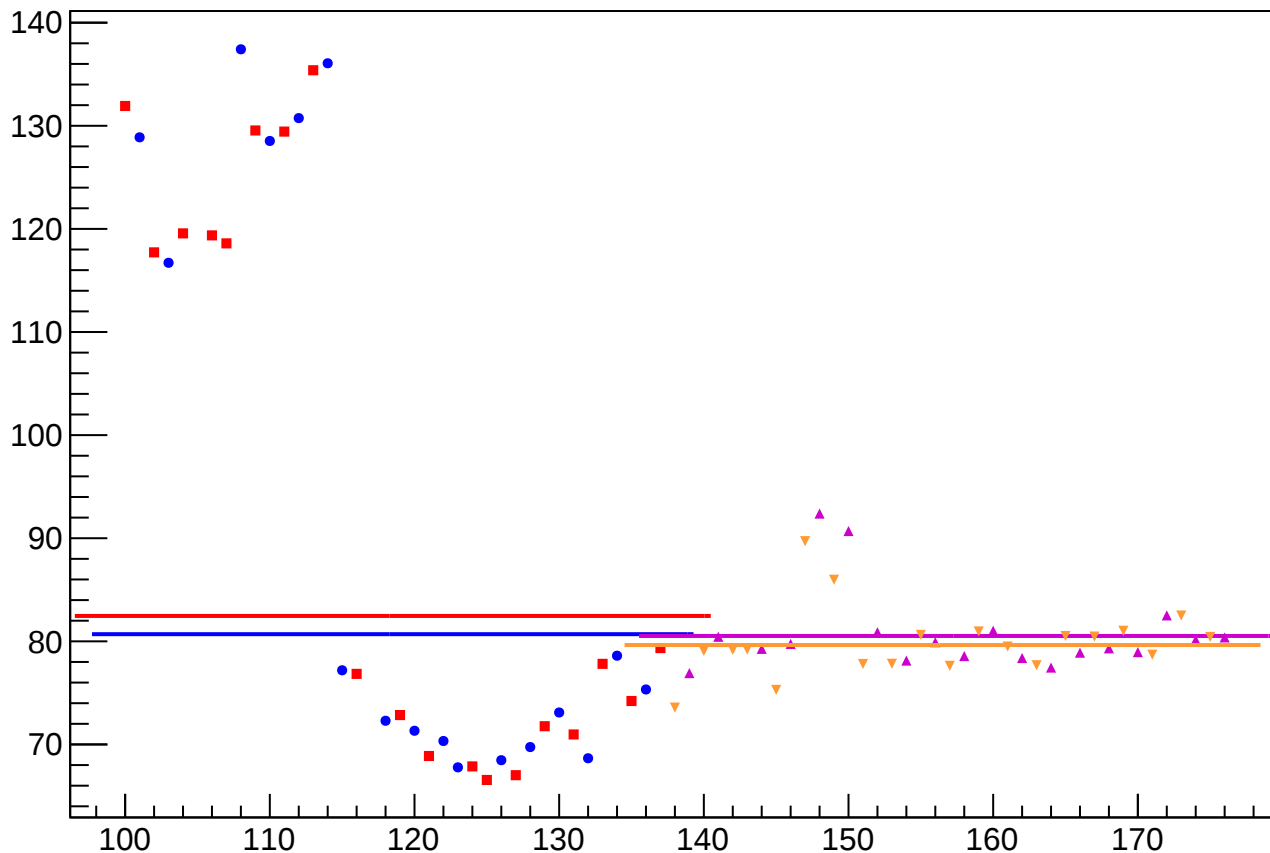
Left In: 148.784 ± 20.968 χ^2/NDF : 15.9/18

+ sign -103.653 ± 17.315 χ^2/NDF : 68.4/36

All: -3.077 ± 12.325 χ^2/NDF : 193.3/74

- sign 100.243 ± 17.549 χ^2/NDF : 56.5/37

reg_asym_sam1_rms vs Slug



Right In: 80.694 $\pm$ 0.023 χ^2 /NDF: 814026.4/16

Left Out: 79.642 $\pm$ 0.015 χ^2 /NDF: 51126.2/19

Right Out: 82.464 $\pm$ 0.023 χ^2 /NDF: 914878.0/18

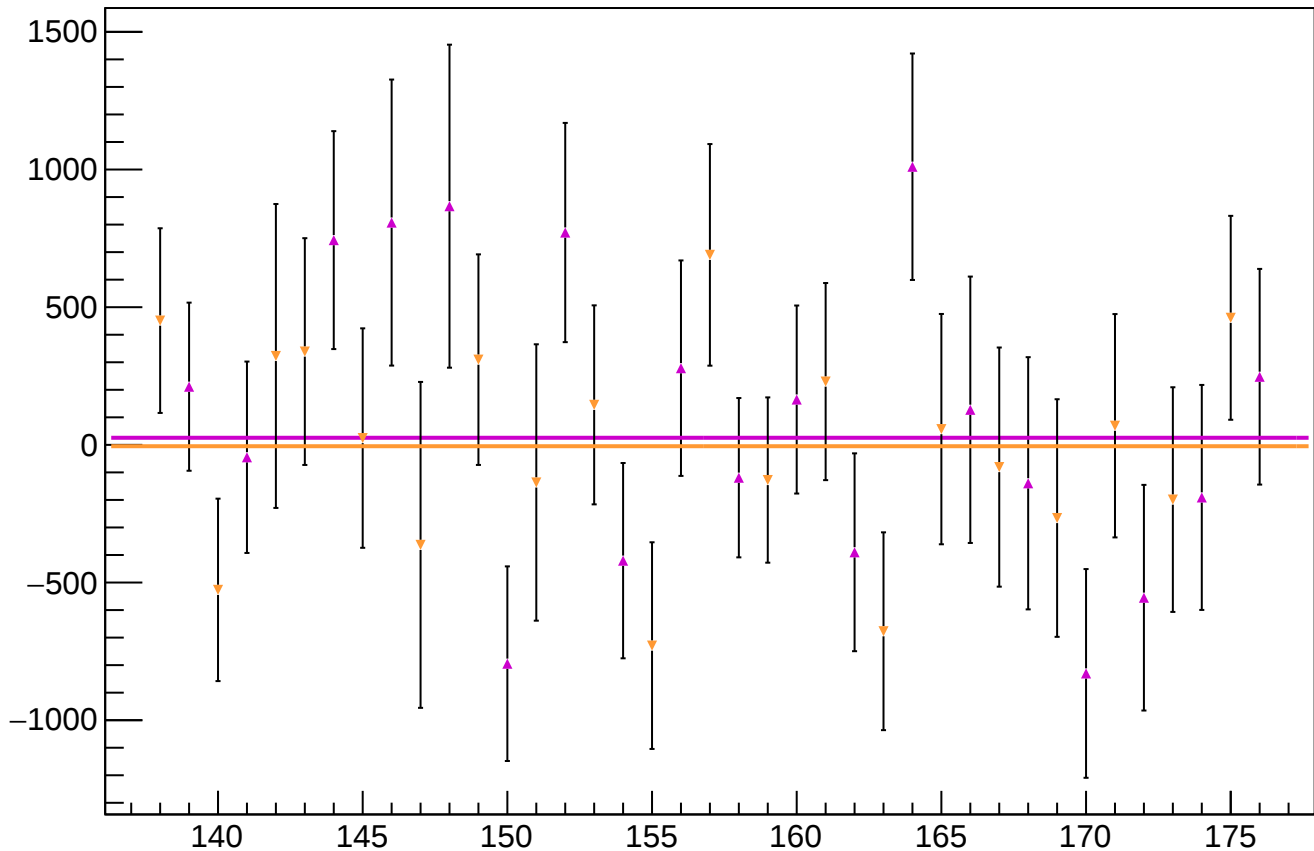
Left In: 80.522 $\pm$ 0.015 χ^2 /NDF: 60370.9/18

+ sign 79.945 $\pm$ 0.012 χ^2 /NDF: 866668.3/36

All: 80.517 $\pm$ 0.009 χ^2 /NDF: 1851469.5/74

- sign 81.104 $\pm$ 0.012 χ^2 /NDF: 980384.5/37

asym_sam1_correction_mean vs Slug



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

Left Out: -4.938 $\pm$ 87.540 χ^2 /NDF:19.7/19

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

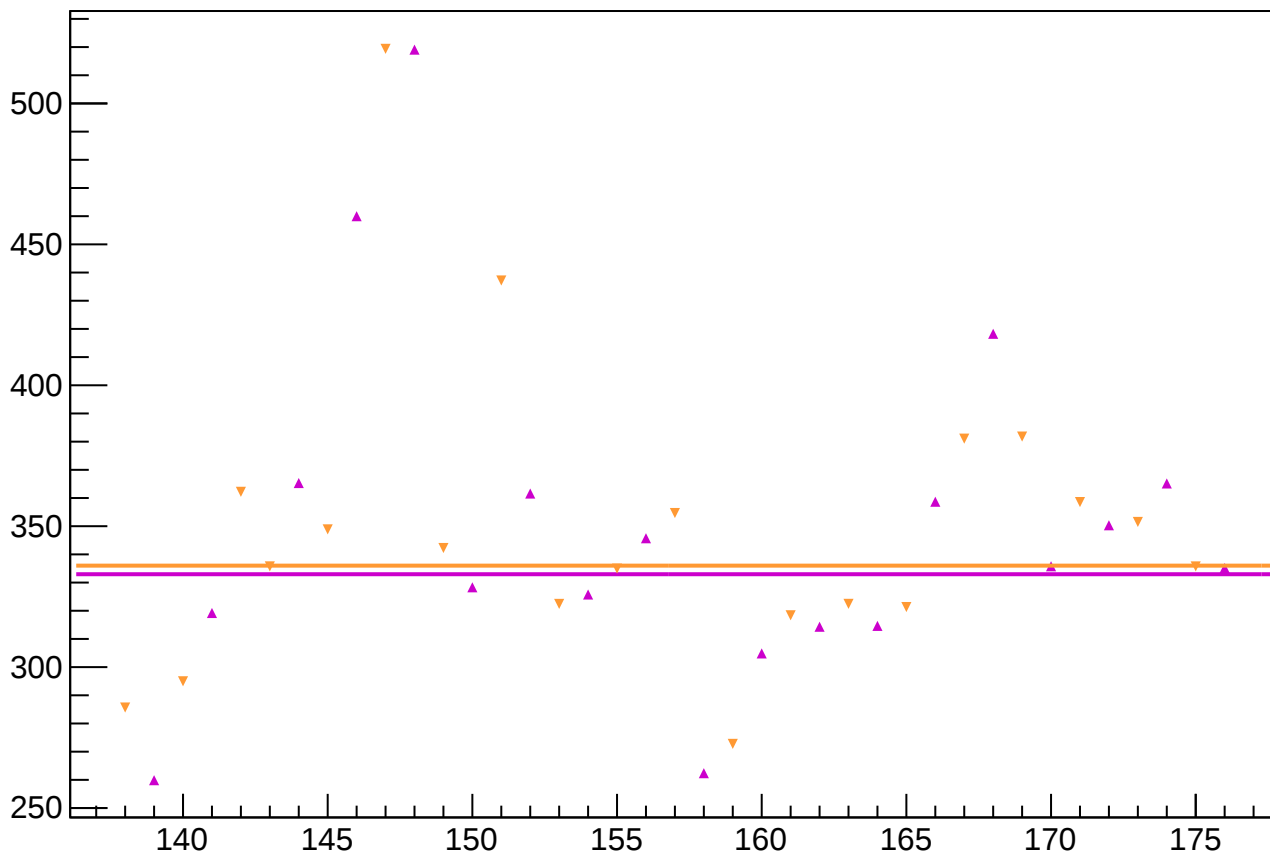
Left In: 25.777 $\pm$ 87.892 χ^2 /NDF:34.3/18

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

All: 10.358 $\pm$ 62.024 χ^2 /NDF: 54.1/38

- 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: 336.009+/-0.062 χ^2/NDF :515338.4/19

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

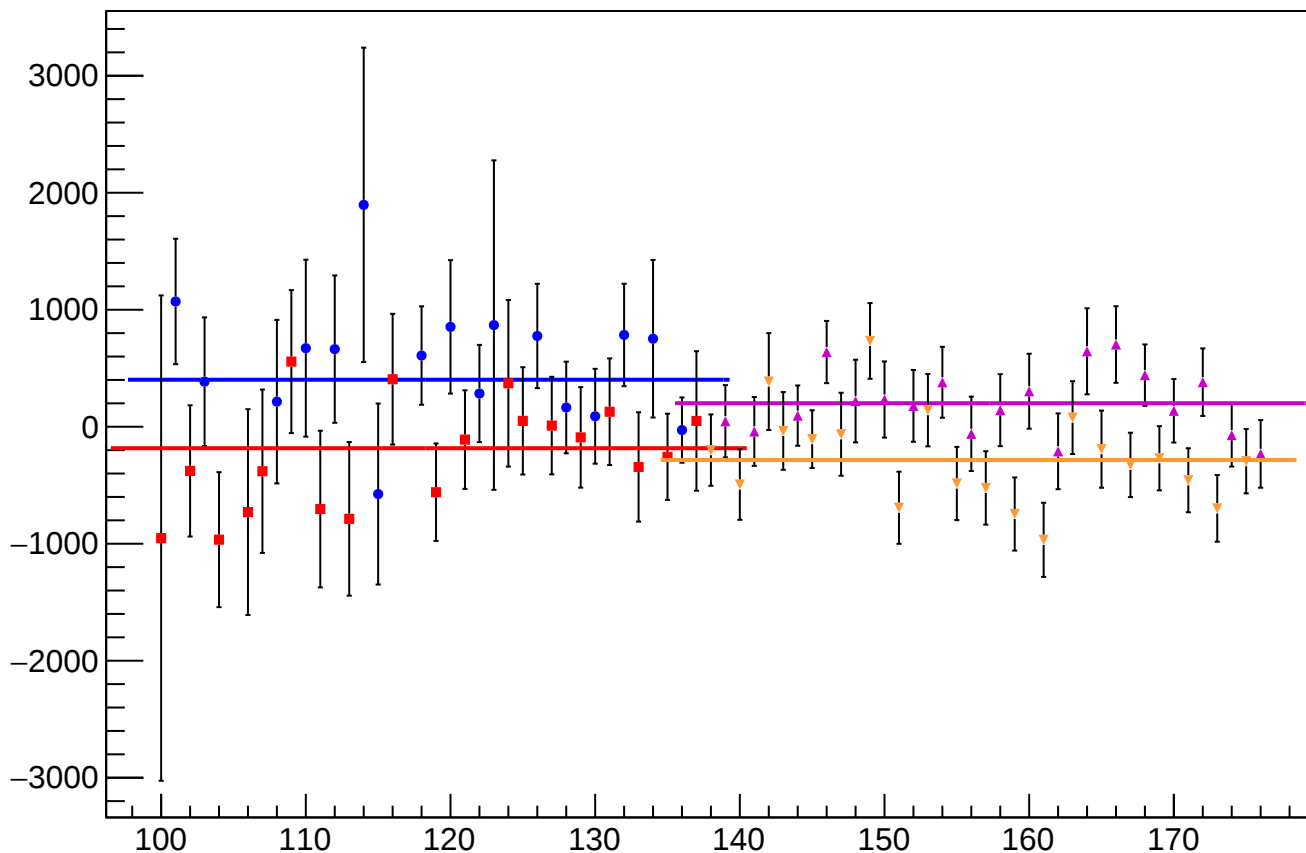
Left In: 332.962+/-0.062 χ^2/NDF :698964.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.491+/-0.044 χ^2/NDF : 1215509.8/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 401.871 $\pm$ 121.048 χ^2 /NDF: 10.9/16

Left Out: -284.232 $\pm$ 67.886 χ^2 /NDF:30.0/19

Right Out: -183.481 $\pm$ 120.338 χ^2 /NDF: 9.3/18

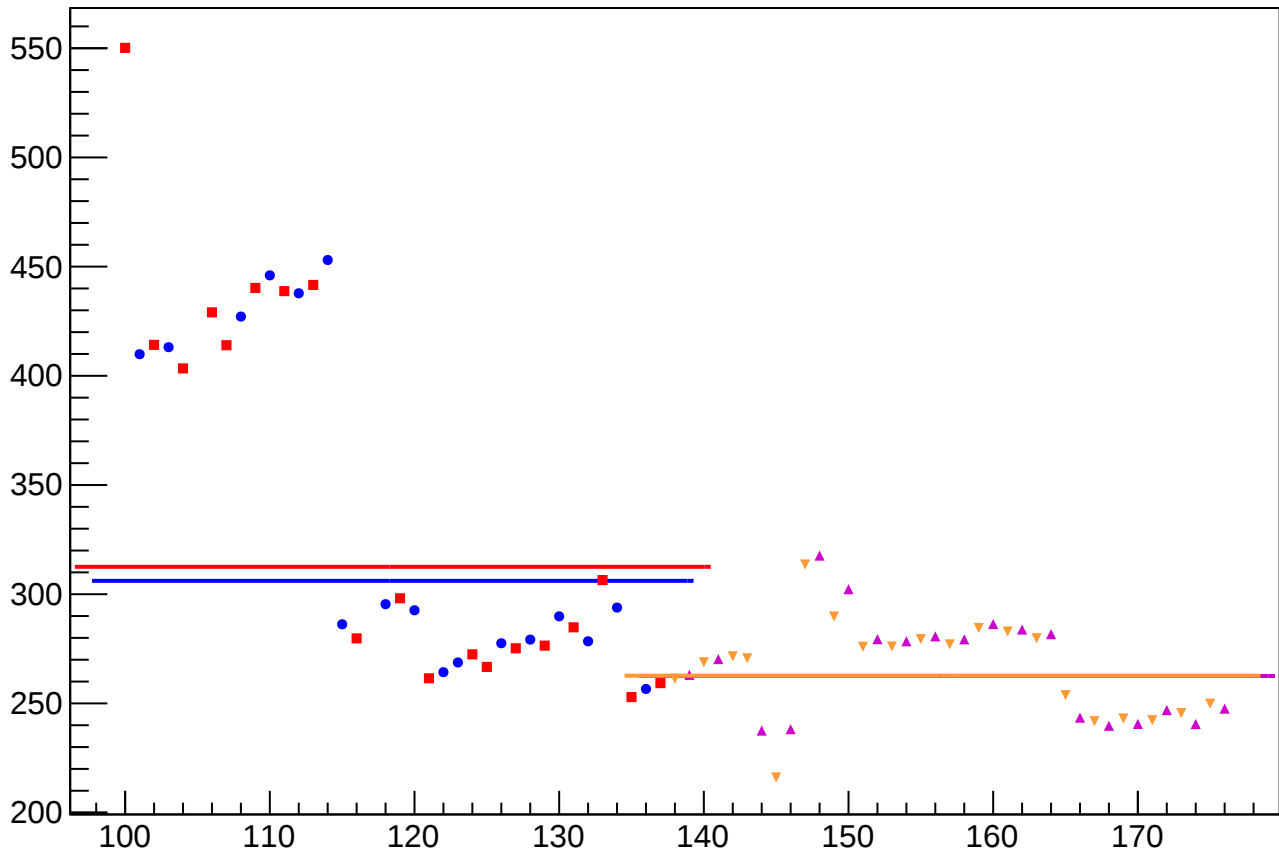
Left In: 201.035 $\pm$ 68.587 χ^2 /NDF:15.0/18

+ sign -120.070 $\pm$ 59.210 χ^2 /NDF: 65.3/36

All: -7.379 $\pm$ 42.001 χ^2 /NDF: 104.6/74

- sign 106.754 $\pm$ 59.588 χ^2 /NDF: 32.0/37

reg_asym_sam2_rms vs Slug



Right In: 306.123+/-0.086 χ^2/NDF : 508435.8/16

Left Out: 262.695+/-0.048 χ^2/NDF : 216656.3/19

Right Out: 312.543+/-0.085 χ^2/NDF : 625769.8/18

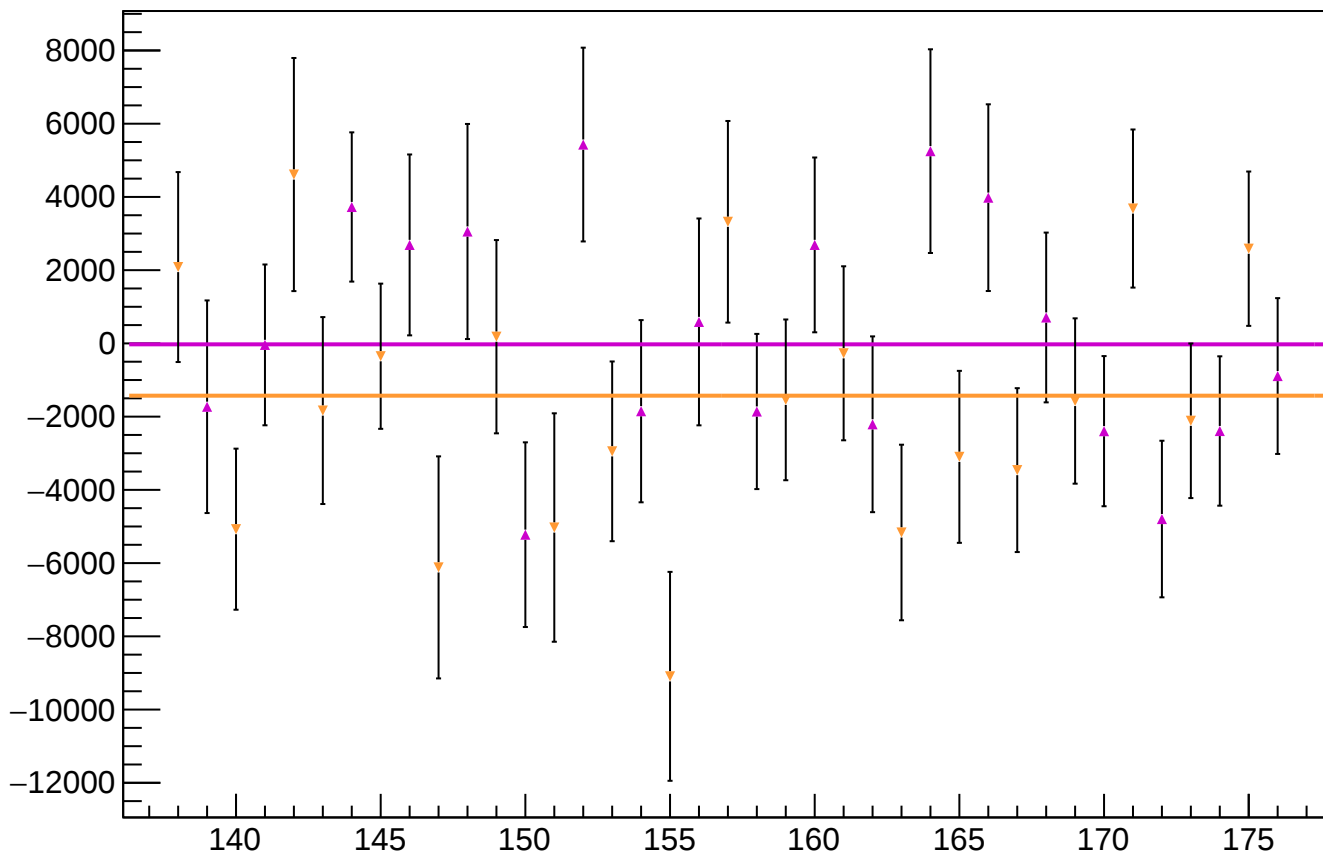
Left In: 262.548+/-0.048 χ^2/NDF : 224175.3/18

+ sign 273.086+/-0.042 χ^2/NDF : 920935.6/36

All: 273.940+/-0.030 χ^2/NDF : 2032280.4/74

- sign 274.806+/-0.042 χ^2/NDF : 1110505.7/37

asym_sam2_correction_mean vs Slug



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

Left Out: -1427.728+/-539.337 χ^2/NDF :36.5/19

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

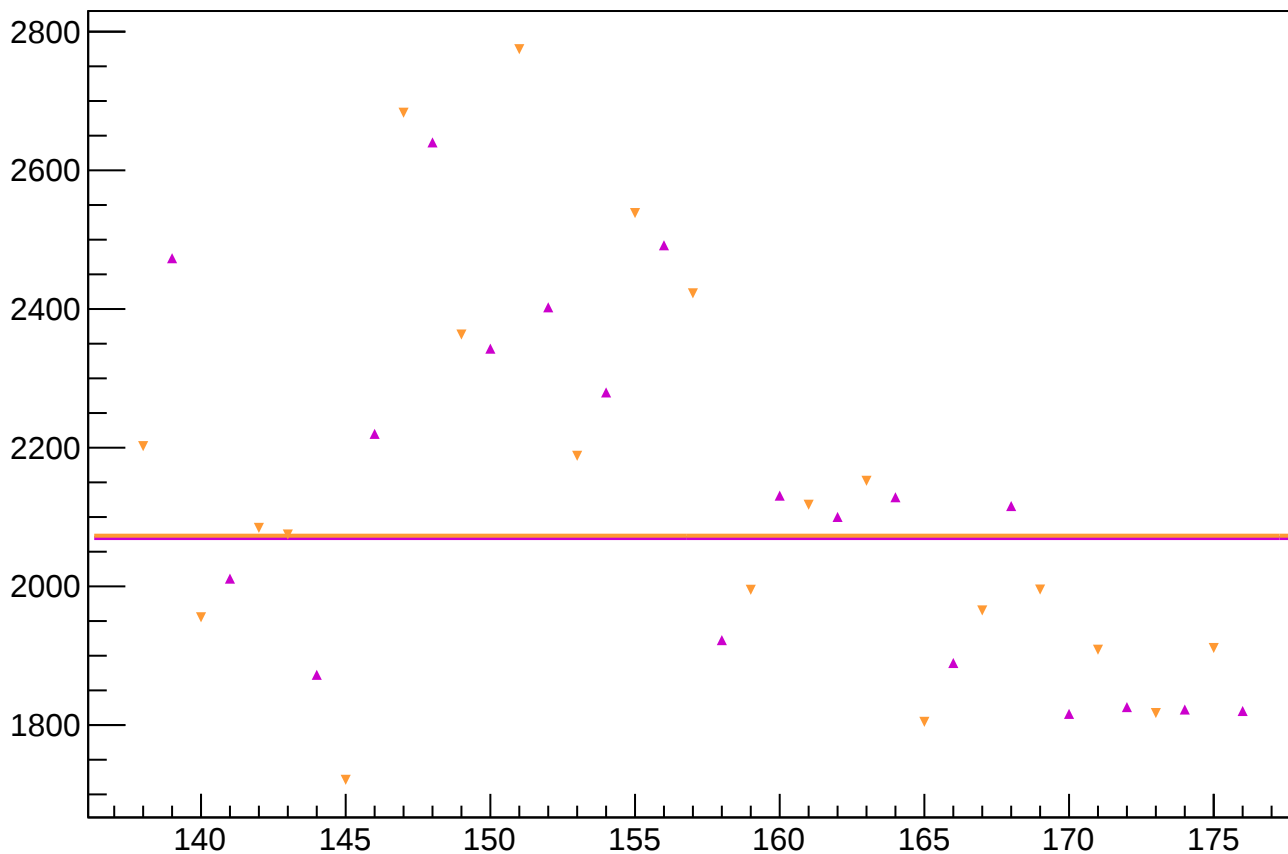
Left In: -25.485+/-542.937 χ^2/NDF :32.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -731.270+/-382.635 χ^2/NDF : 71.9/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_correction_rms vs Slug



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

Left Out: 2073.112+/-0.381 χ^2/NDF : 461231.3/19

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

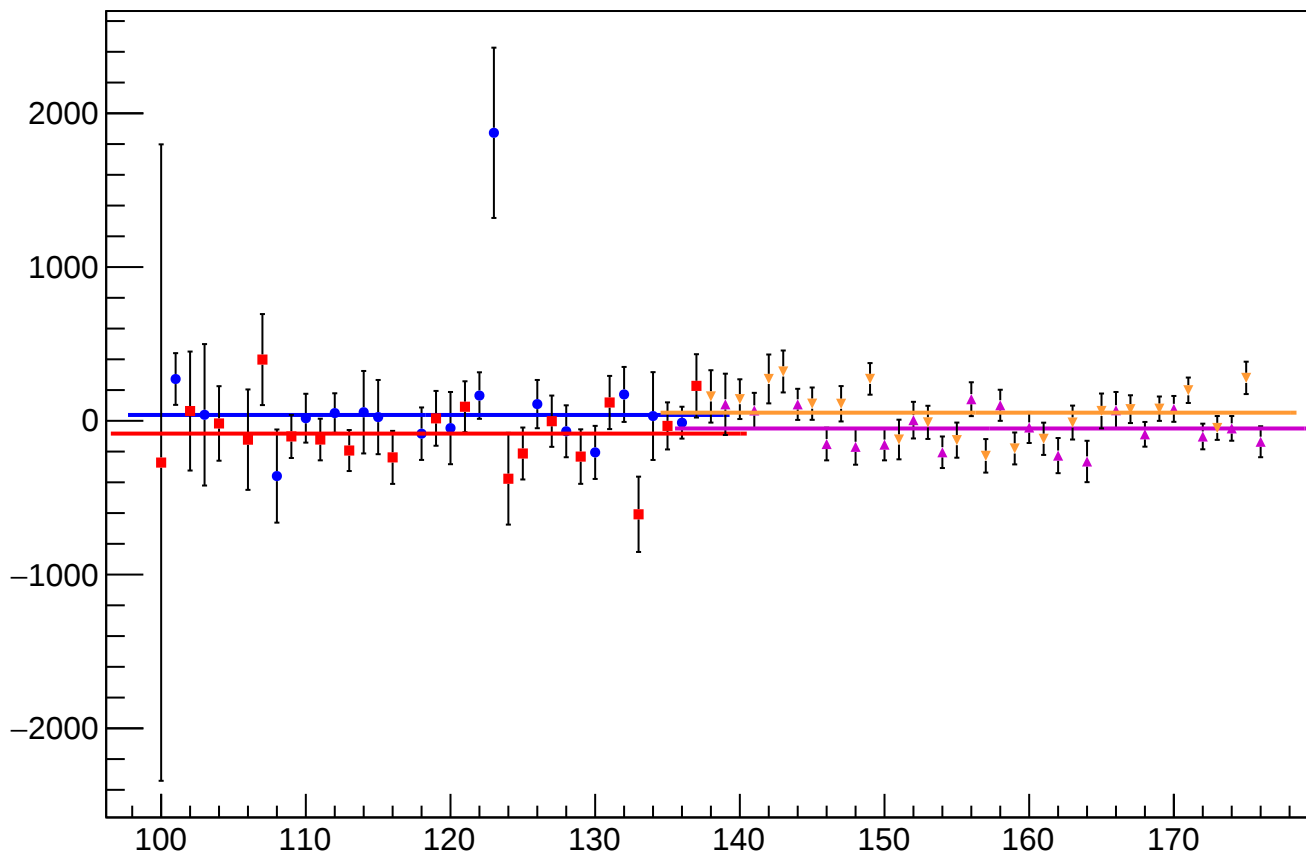
Left In: 2069.677+/-0.384 χ^2/NDF : 392151.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2071.406+/-0.271 χ^2/NDF : 853422.6/38

- 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: 52.939 ± 23.681 χ^2/NDF : 40.5/19

Right Out: -83.101 ± 43.098 χ^2/NDF : 16.7/18

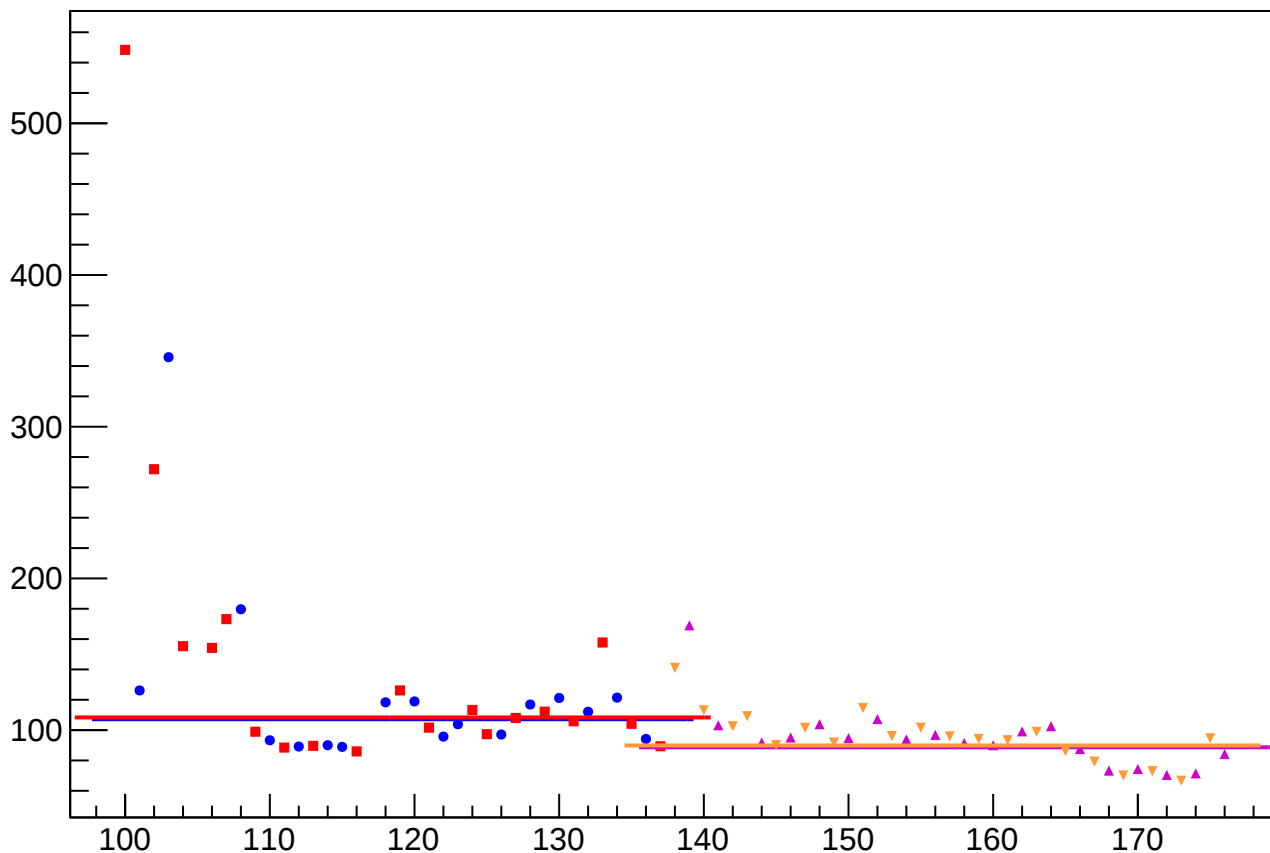
Left In: -49.849 ± 23.586 χ^2/NDF : 24.4/18

+ sign 49.558 ± 20.804 χ^2/NDF : 60.0/36

All: -4.271 ± 14.670 χ^2/NDF : 114.9/74

- sign -57.513 ± 20.690 χ^2/NDF : 41.5/37

reg_asym_sam3_rms vs Slug



Right In: 107.189 $\pm$ 0.031 χ^2 /NDF: 843115.1/16

Left Out: 89.887 $\pm$ 0.017 χ^2 /NDF: 866743.5/19

Right Out: 108.359 $\pm$ 0.030 χ^2 /NDF: 917287.7/18

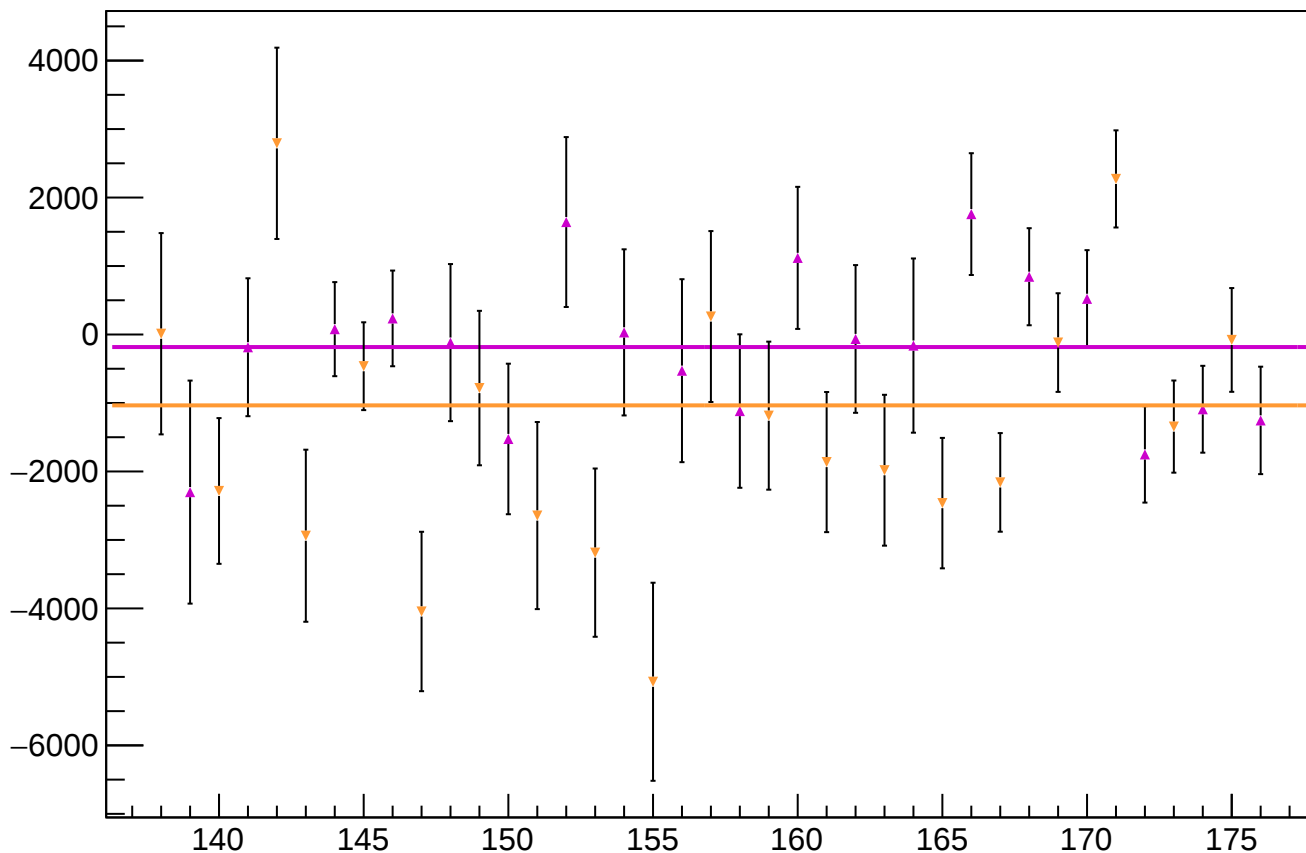
Left In: 88.671 $\pm$ 0.017 χ^2 /NDF: 835284.5/18

+ sign 93.835 $\pm$ 0.015 χ^2 /NDF: 1953523.1/36

All: 93.520 $\pm$ 0.010 χ^2 /NDF: 4028166.6/74

- sign 93.209 $\pm$ 0.015 χ^2 /NDF: 2073731.1/37

asym_sam3_correction_mean vs Slug



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

Left Out: -1034.863+/-211.762 χ^2/NDF : 63.8/19

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

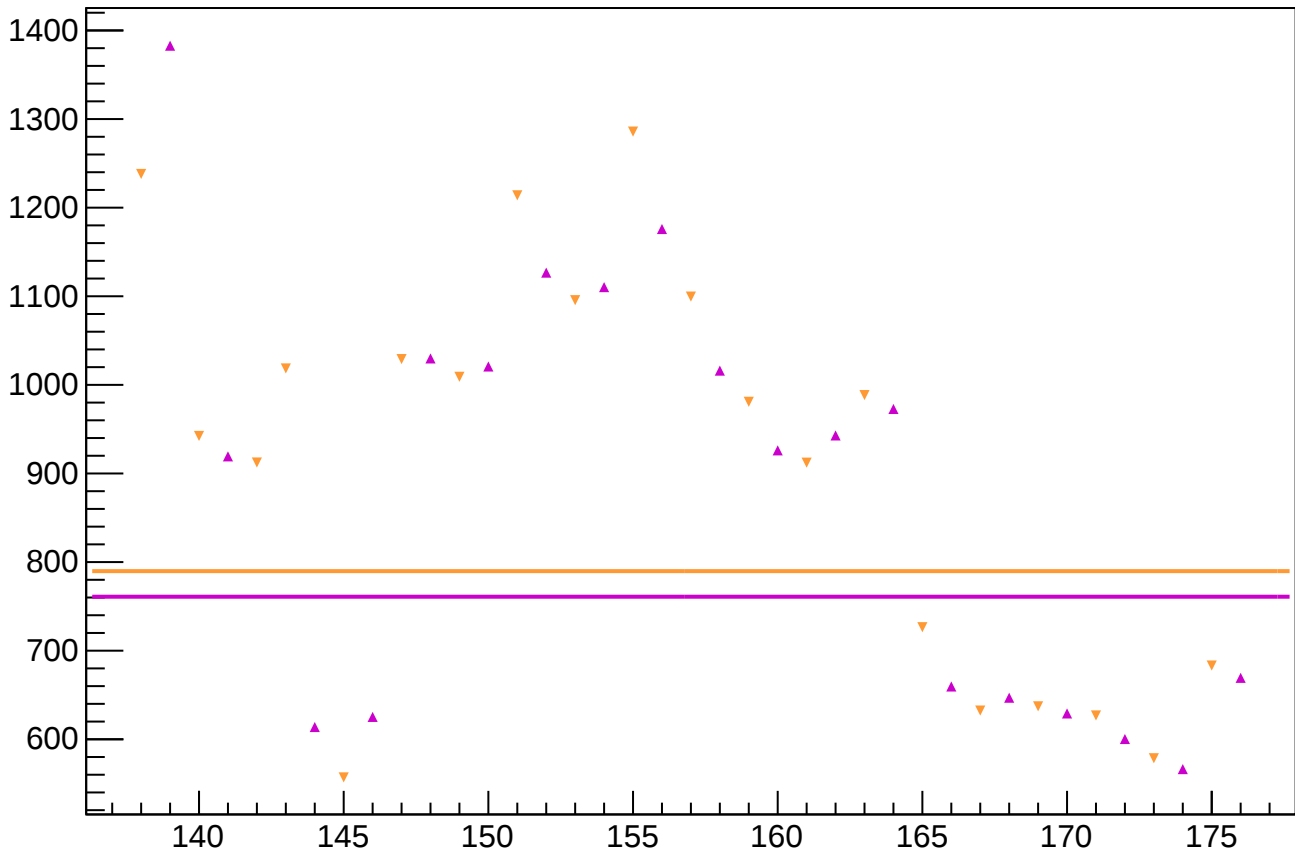
Left In: -183.184+/-205.953 χ^2/NDF : 25.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -597.183+/-147.642 χ^2/NDF : 97.1/38

- 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: 789.781+/-0.150 χ^2/NDF :2100423.3/19

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

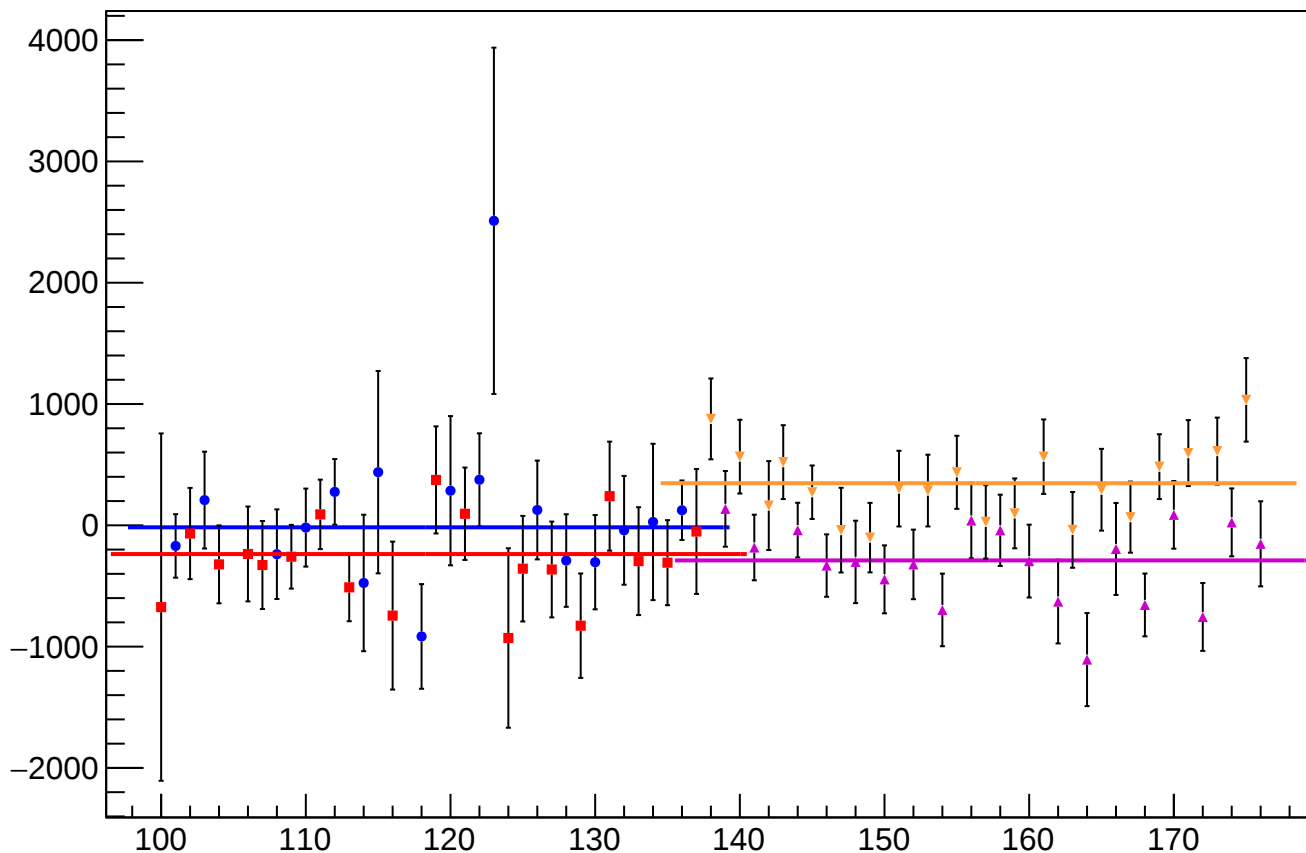
Left In: 760.917+/-0.146 χ^2/NDF :1995515.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.948+/-0.104 χ^2/NDF : 4115034.2/38

- 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: 347.275 ± 66.663 χ^2/NDF : 18.4/19

Right Out: -236.984 ± 88.937 χ^2/NDF : 10.3/18

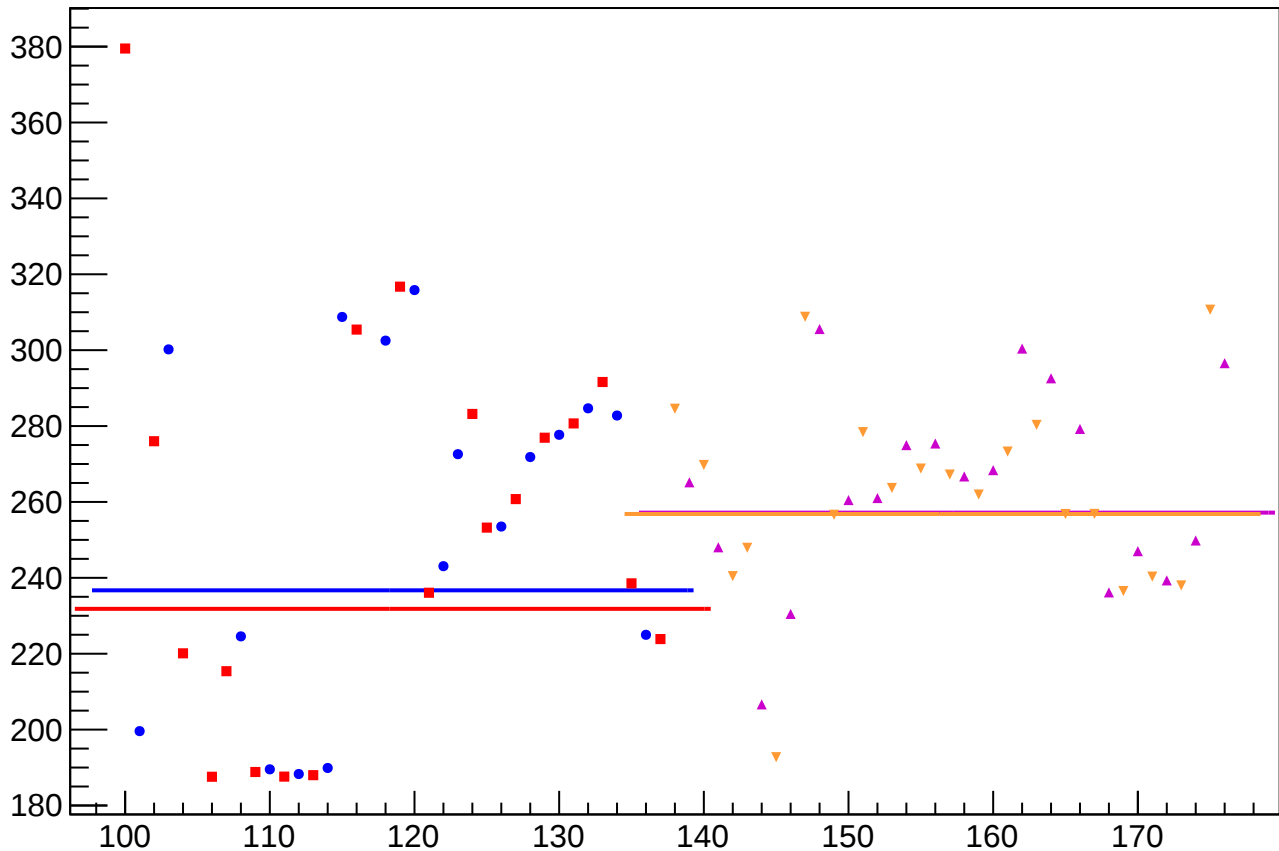
Left In: -289.284 ± 67.426 χ^2/NDF : 20.8/18

+ sign 224.316 ± 54.237 χ^2/NDF : 41.9/36

All: -25.262 ± 38.171 χ^2/NDF : 115.2/74

- sign -270.195 ± 53.730 χ^2/NDF : 31.4/37

reg_asym_sam4_rms vs Slug



Right In: 236.706 $\pm$ 0.066 χ^2 /NDF: 390344.9/16

Left Out: 256.828 $\pm$ 0.047 χ^2 /NDF: 347274.2/19

Right Out: 231.828 $\pm$ 0.063 χ^2 /NDF: 443276.3/18

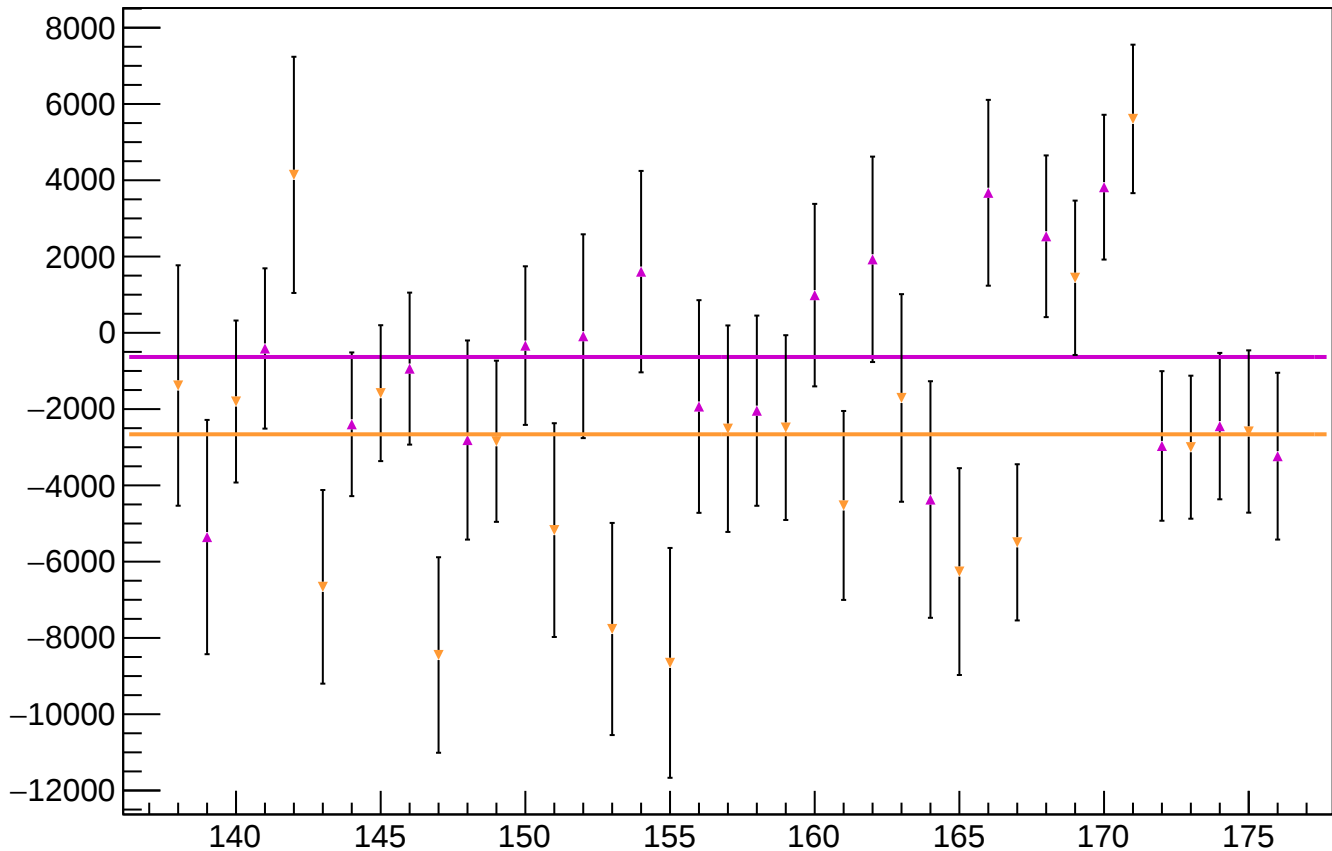
Left In: 257.183 $\pm$ 0.048 χ^2 /NDF: 291342.6/18

+ sign 250.026 $\pm$ 0.038 χ^2 /NDF: 799216.2/36

All: 248.968 $\pm$ 0.027 χ^2 /NDF: 1638566.8/74

- sign 247.929 $\pm$ 0.038 χ^2 /NDF: 837842.4/37

asym_sam4_correction_mean vs Slug



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

Left Out: -2660.516+/-524.681 χ^2/NDF : 47.8/19

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

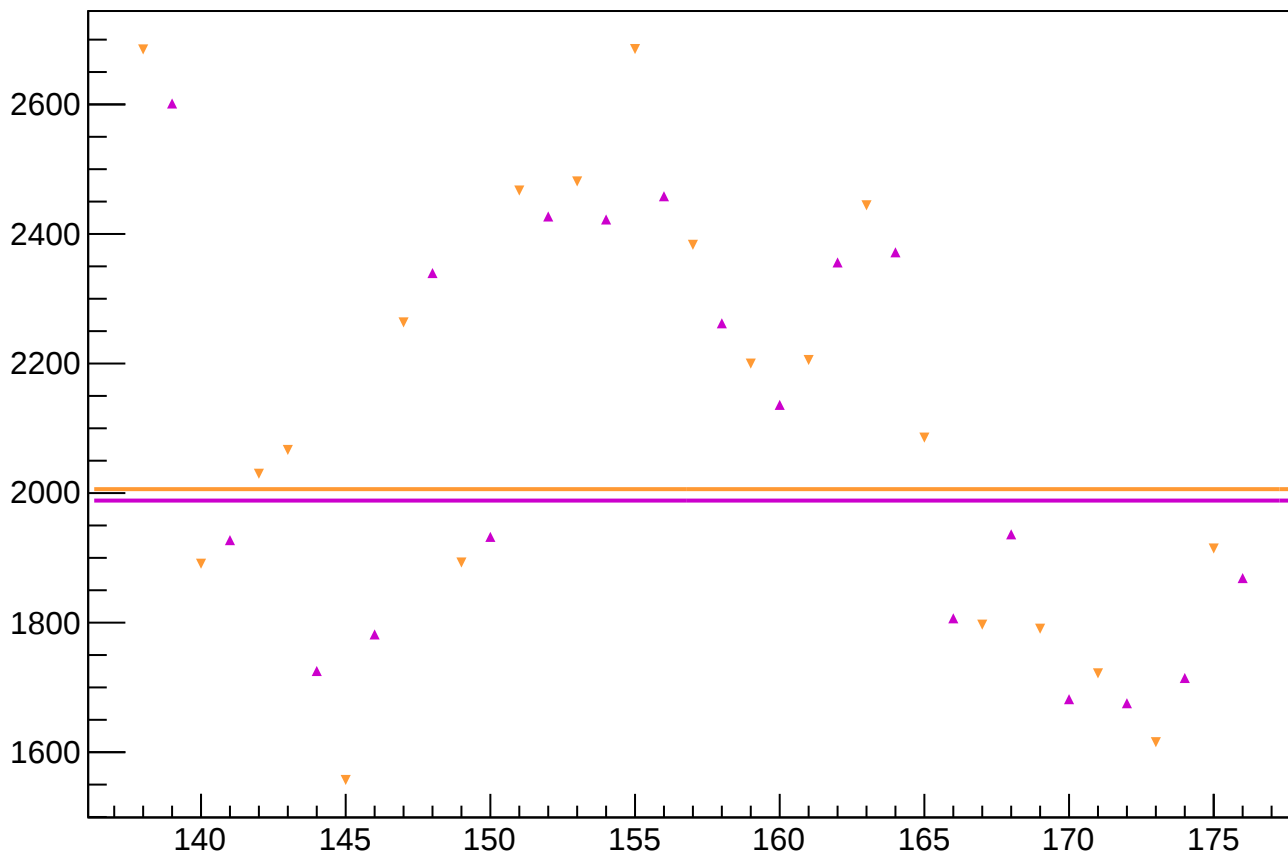
Left In: -633.388+/-523.942 χ^2/NDF : 22.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1645.523+/-370.744 χ^2/NDF : 78.0/38

- 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: 2006.077+/-0.371 χ^2/NDF : 761798.5/19

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

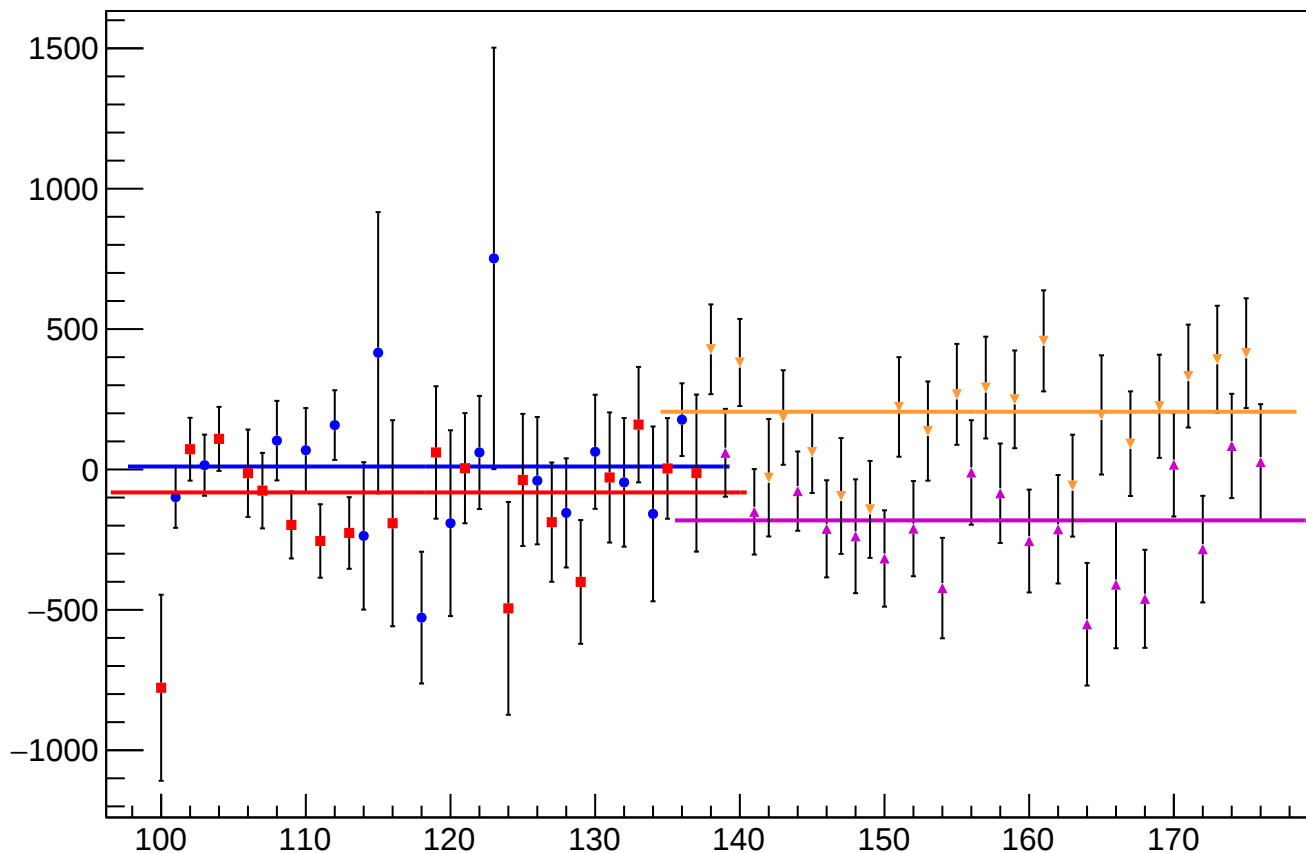
Left In: 1988.439+/-0.370 χ^2/NDF : 605863.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.245+/-0.262 χ^2/NDF : 1368793.5/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug



Right In: 10.530 ± 42.294 $\chi^2/\text{NDF}: 14.1/16$

Left Out: 205.587 ± 39.951 $\chi^2/\text{NDF}: 19.3/19$

Right Out: -81.802 ± 38.985 $\chi^2/\text{NDF}: 19.2/18$

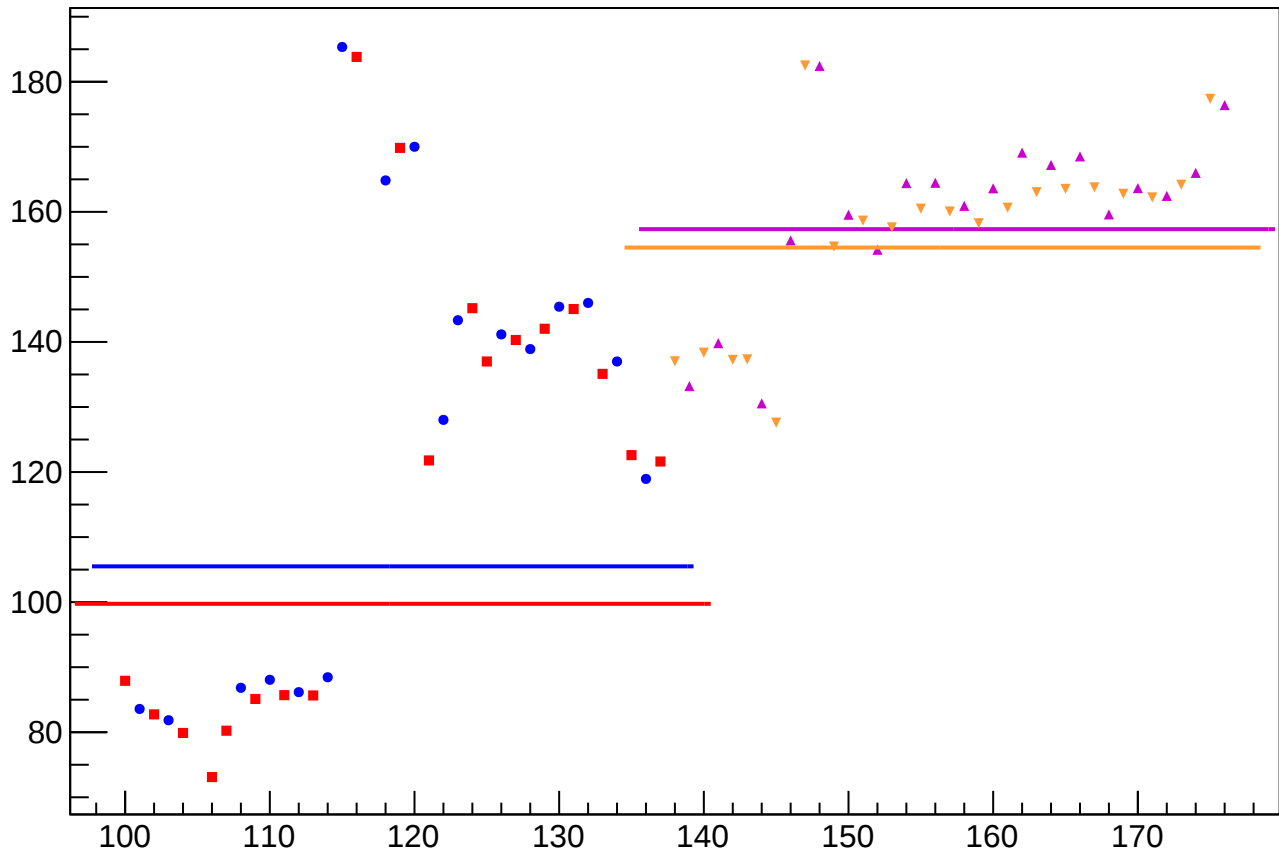
Left In: -181.336 ± 41.092 $\chi^2/\text{NDF}: 17.8/18$

+ sign 113.611 ± 29.043 $\chi^2/\text{NDF}: 44.5/36$

All: -10.890 ± 20.262 $\chi^2/\text{NDF}: 120.4/74$

- sign -128.952 ± 28.282 $\chi^2/\text{NDF}: 40.1/37$

reg_asym_sam5_rms vs Slug



Right In: 105.503 $\pm$ 0.030 χ^2 /NDF: 869022.6/16

Left Out: 154.510 $\pm$ 0.028 χ^2 /NDF:247261.9/19

Right Out: 99.744 $\pm$ 0.028 χ^2 /NDF: 1000097.3/18

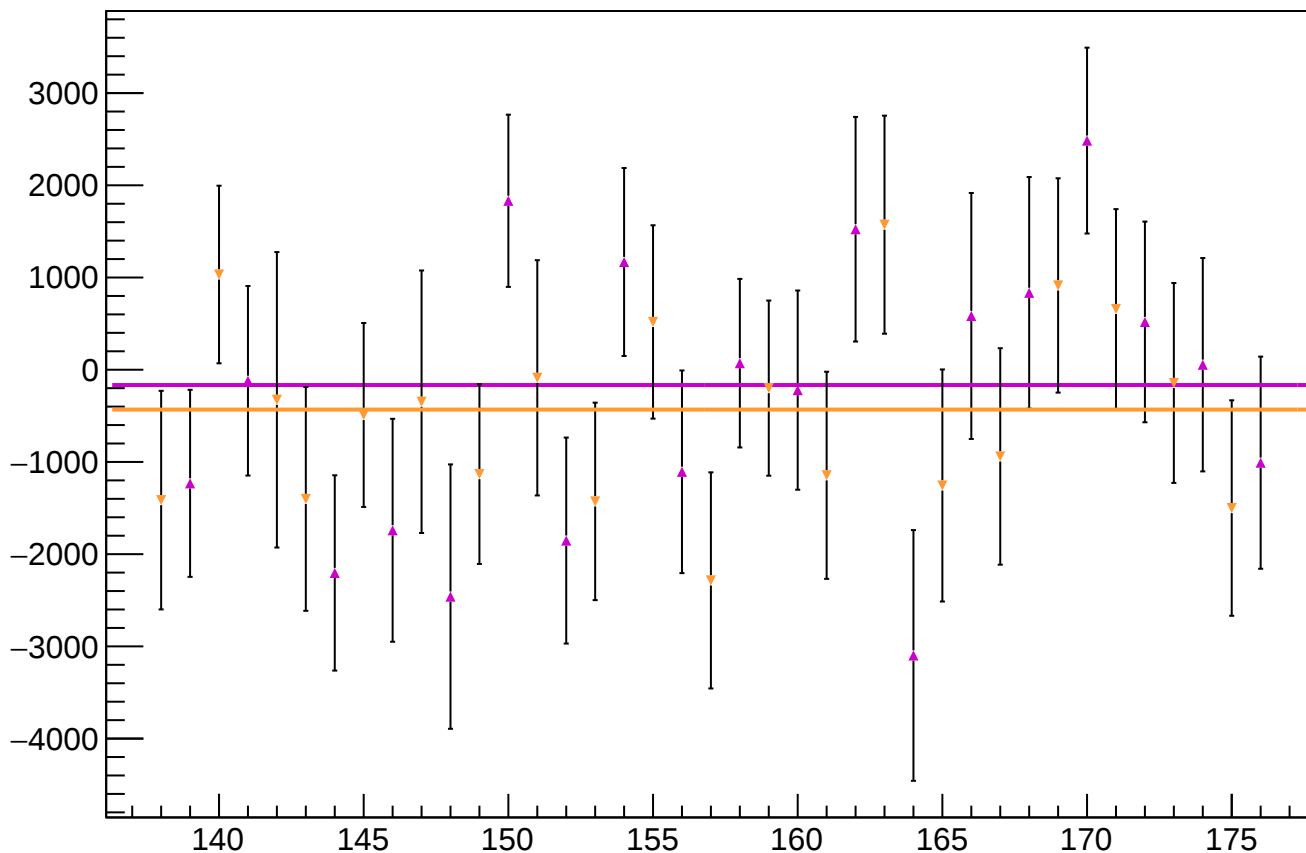
Left In: 157.341 $\pm$ 0.029 χ^2 /NDF:229165.9/18

+ sign 131.401 $\pm$ 0.021 χ^2 /NDF: 2535377.6/36

All: 129.157 $\pm$ 0.014 χ^2 /NDF: 5855914.6/74

- sign 127.028 $\pm$ 0.020 χ^2 /NDF: 3297261.0/37

asym_sam5_correction_mean vs Slug



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

Left Out: -432.286 $\pm$ 252.488 χ^2 /NDF:15.6/19

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

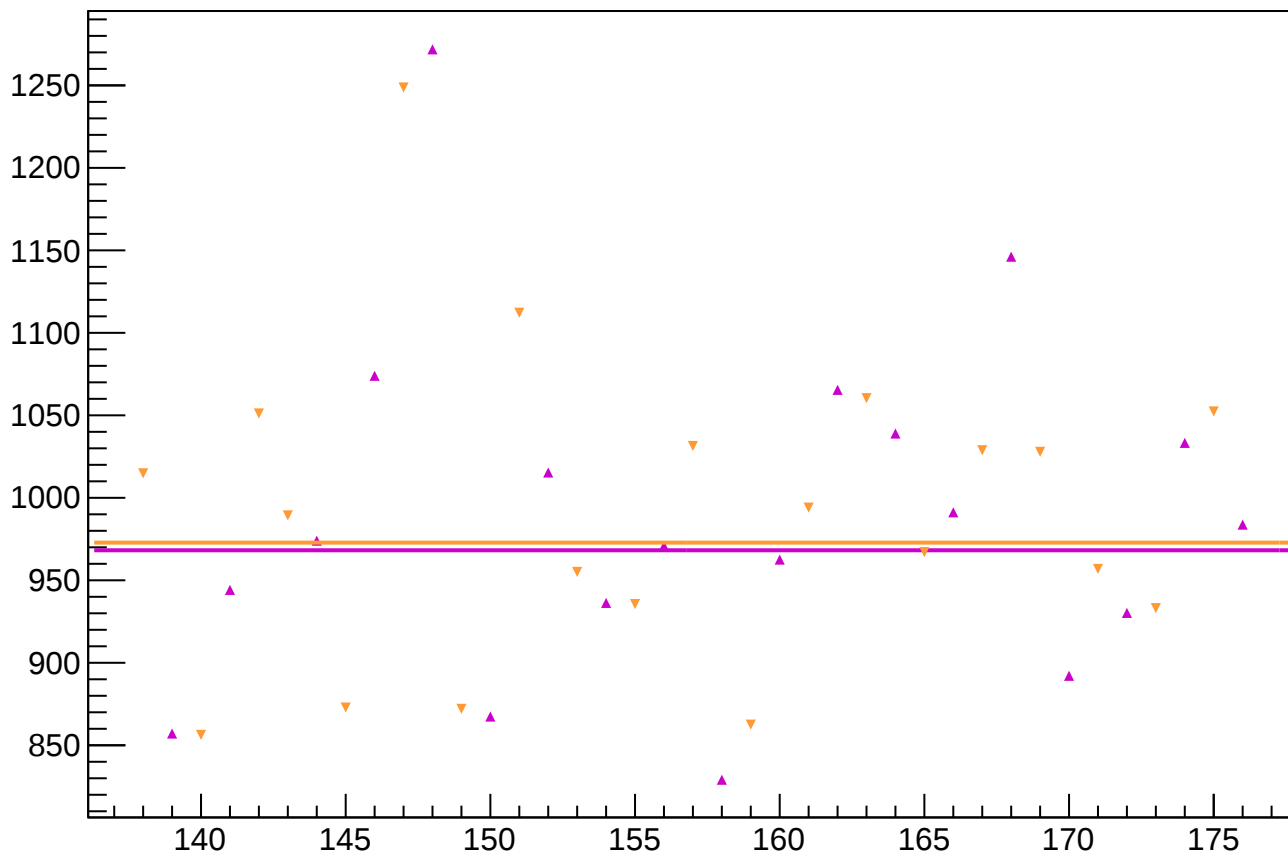
Left In: -165.861 $\pm$ 253.856 χ^2 /NDF:33.9/18

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

All: -299.793 $\pm$ 179.018 χ^2 /NDF: 50.0/38

- 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: 972.852+/-0.179 χ^2/NDF : 245622.2/19

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

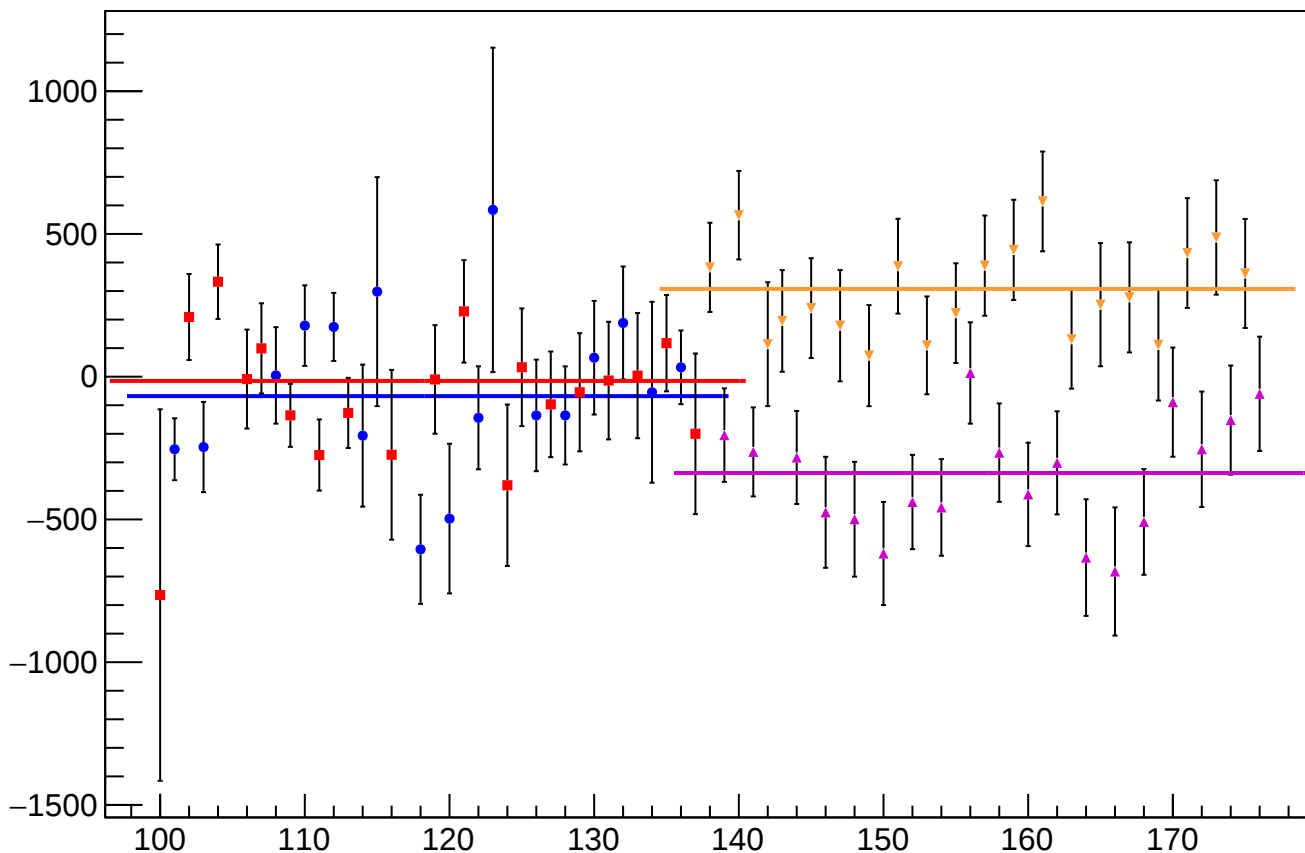
Left In: 968.209+/-0.180 χ^2/NDF : 284833.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.543+/-0.127 χ^2/NDF : 530792.2/38

- 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: 307.466 ± 40.334 χ^2/NDF : 15.7/19

Right Out: -14.800 ± 39.467 χ^2/NDF : 23.1/18

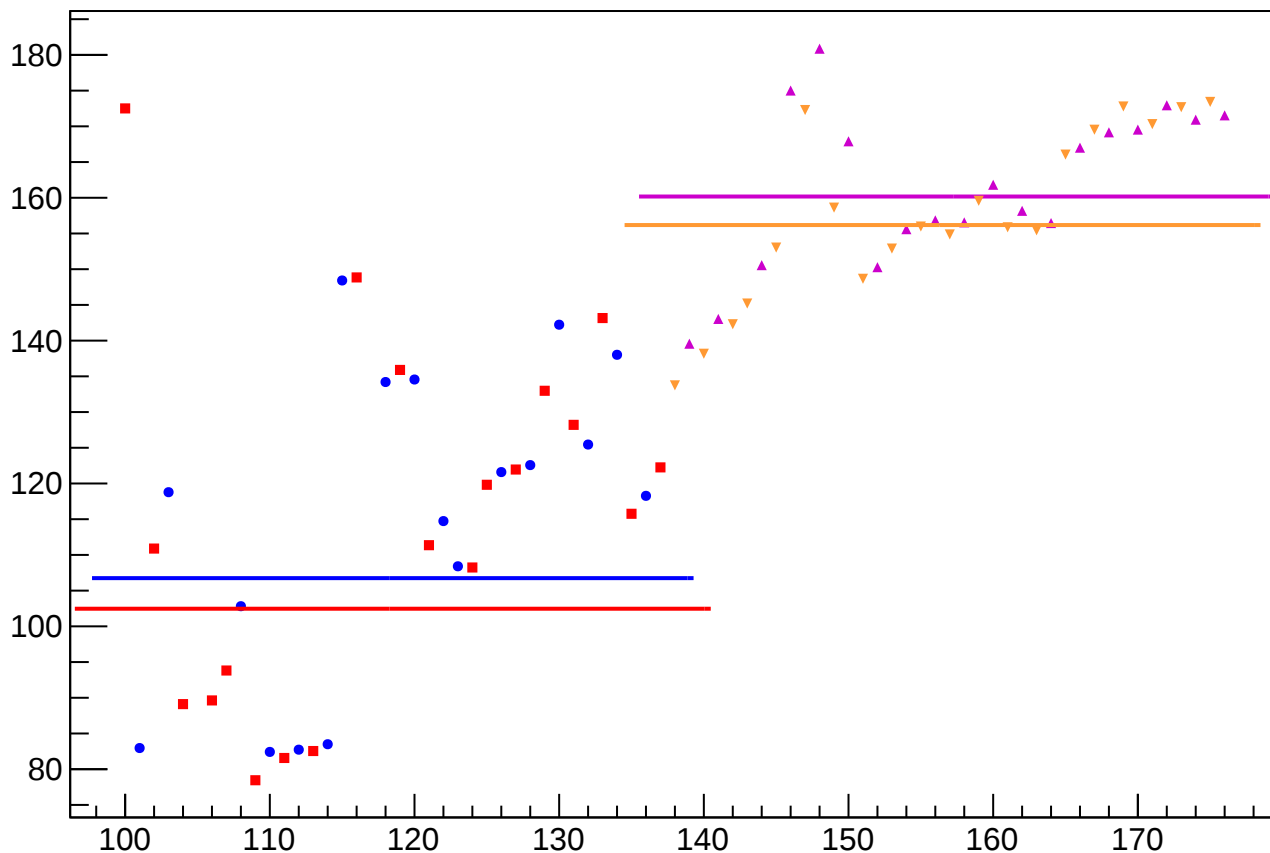
Left In: -337.336 ± 41.765 χ^2/NDF : 19.8/18

+ sign 128.455 ± 29.179 χ^2/NDF : 84.8/36

All: -21.768 ± 20.456 χ^2/NDF : 211.4/74

- sign -166.947 ± 28.685 χ^2/NDF : 74.4/37

reg_asym_sam6_rms vs Slug



Right In: 106.749+/-0.030 χ^2/NDF : 501742.8/16

Left Out: 156.181+/-0.029 χ^2/NDF : 173472.2/19

Right Out: 102.467+/-0.028 χ^2/NDF : 589344.0/18

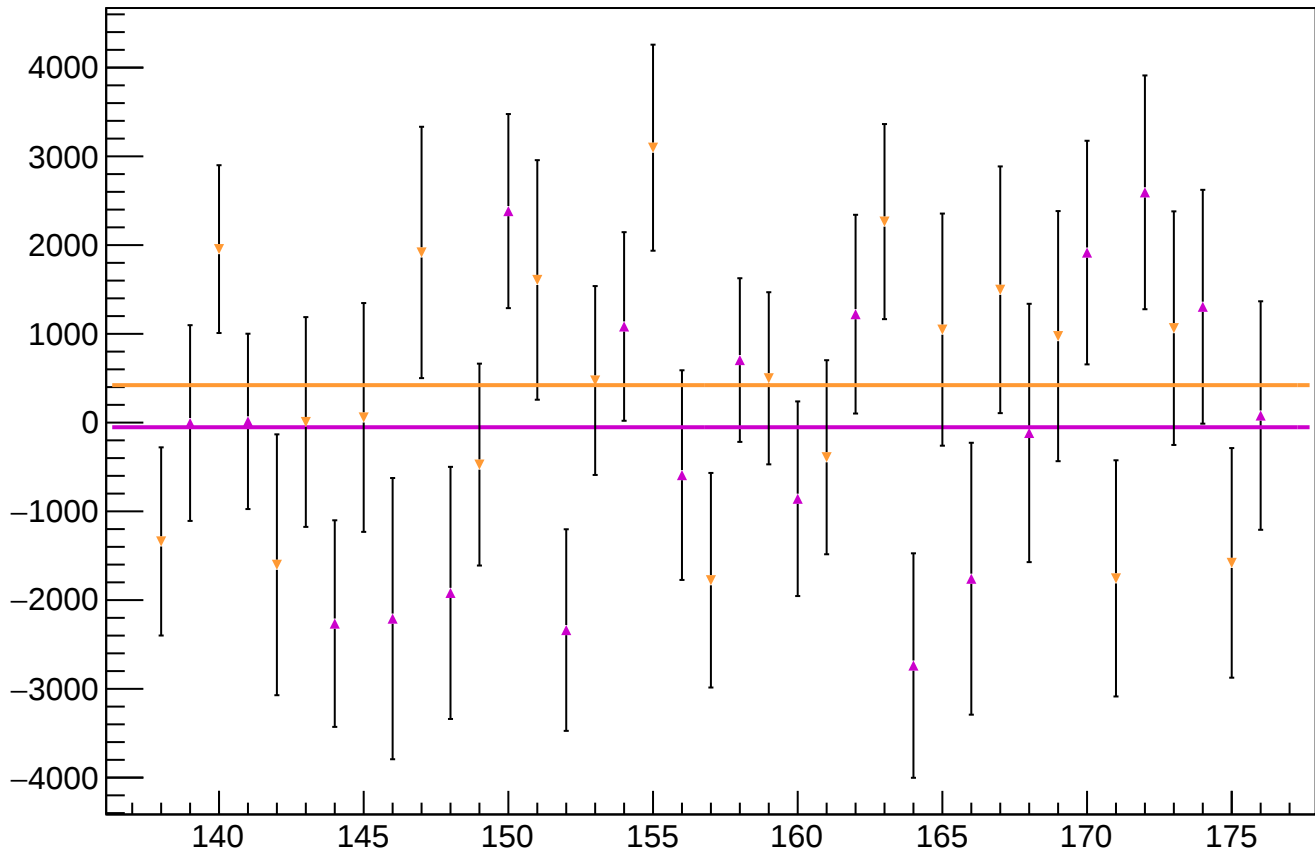
Left In: 160.176+/-0.030 χ^2/NDF : 142735.8/18

+ sign 132.620+/-0.021 χ^2/NDF : 2106986.3/36

All: 131.130+/-0.014 χ^2/NDF : 4866477.7/74

- sign 129.689+/-0.020 χ^2/NDF : 2749230.7/37

asym_sam6_correction_mean vs Slug



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

Left Out: 421.968+/-267.338 χ^2/NDF : 28.3/19

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

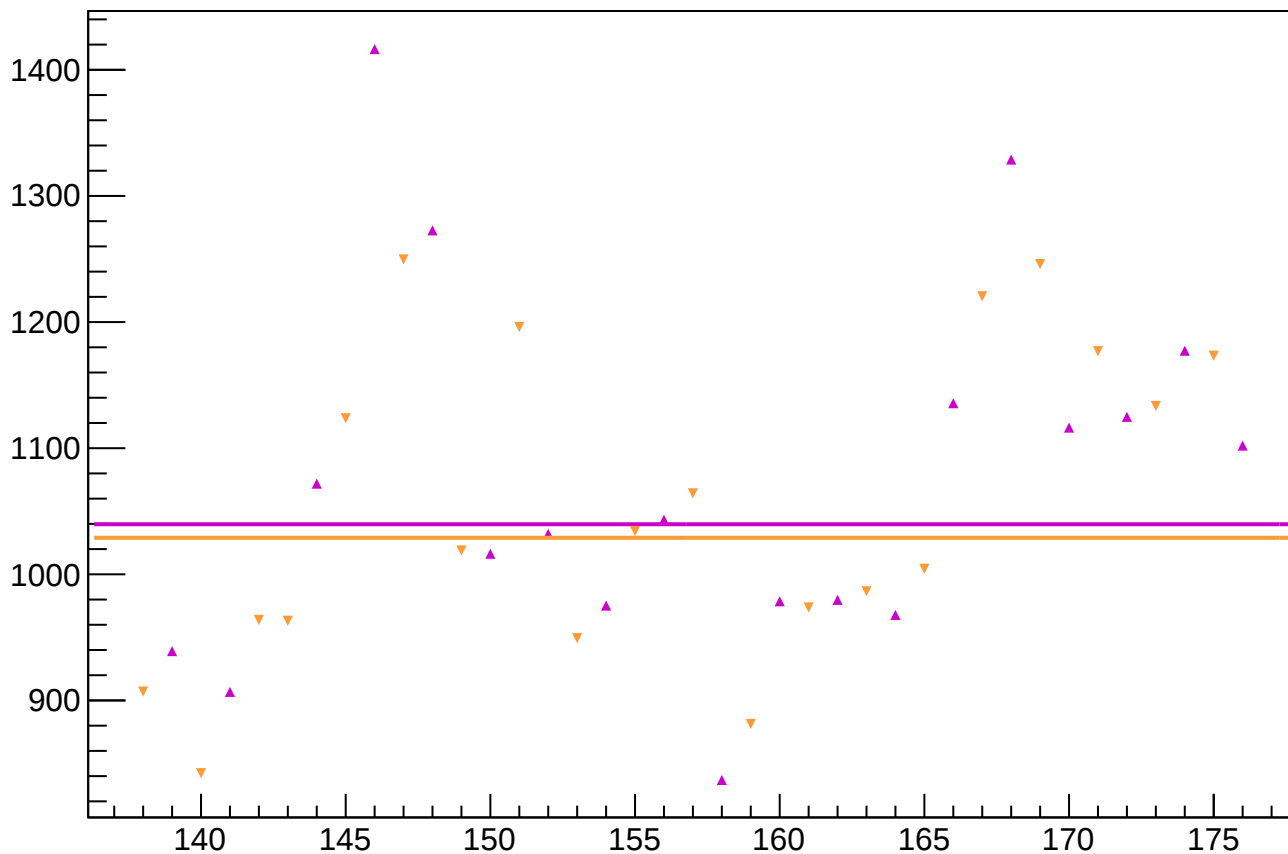
Left In: -52.214+/-273.100 χ^2/NDF : 33.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.932+/-191.041 χ^2/NDF : 63.2/38

- 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: 1028.987+/-0.189 χ^2/NDF : 420397.1/19

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

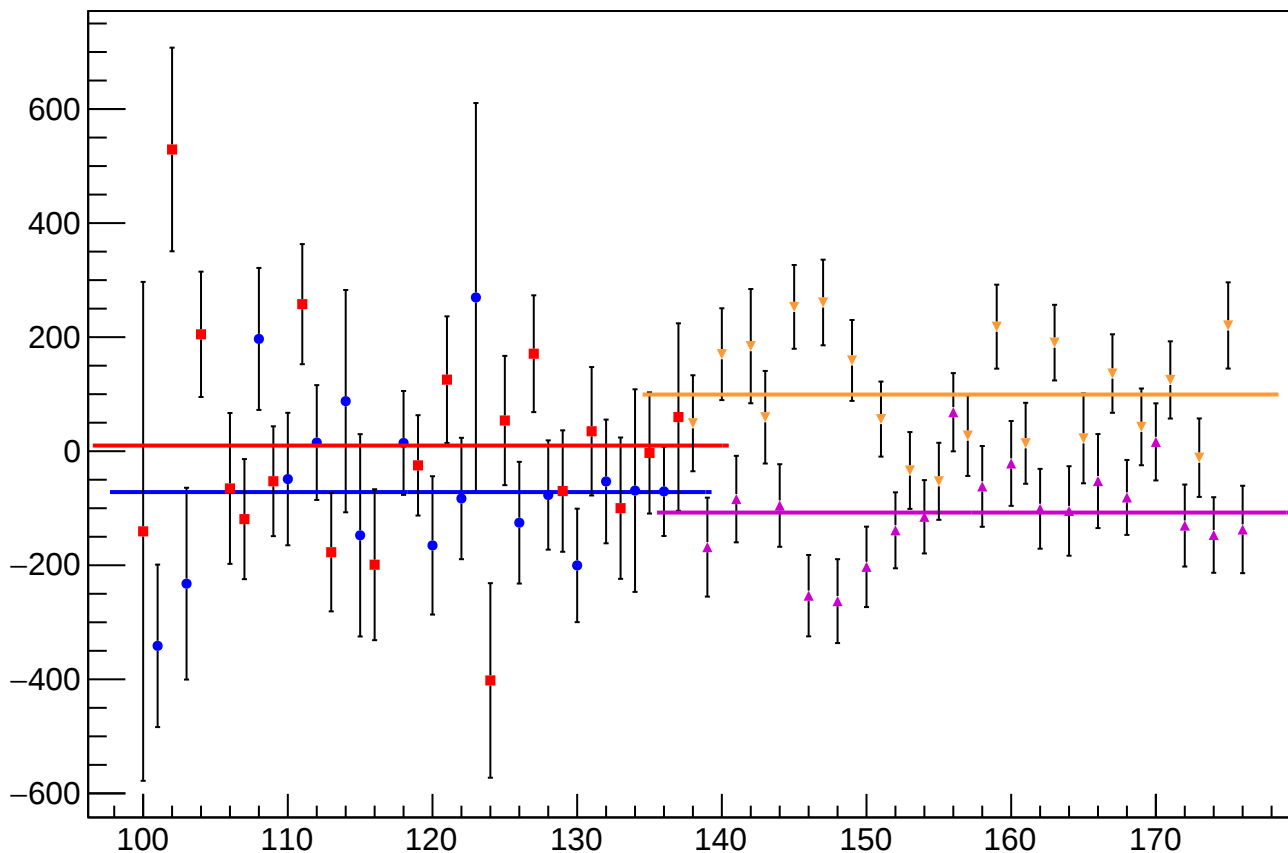
Left In: 1039.713+/-0.193 χ^2/NDF : 473855.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.236+/-0.135 χ^2/NDF : 895827.7/38

- 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: 99.395 ± 16.251 $\chi^2/\text{NDF}: 35.4/19$

Right Out: 9.917 ± 26.816 $\chi^2/\text{NDF}: 36.5/18$

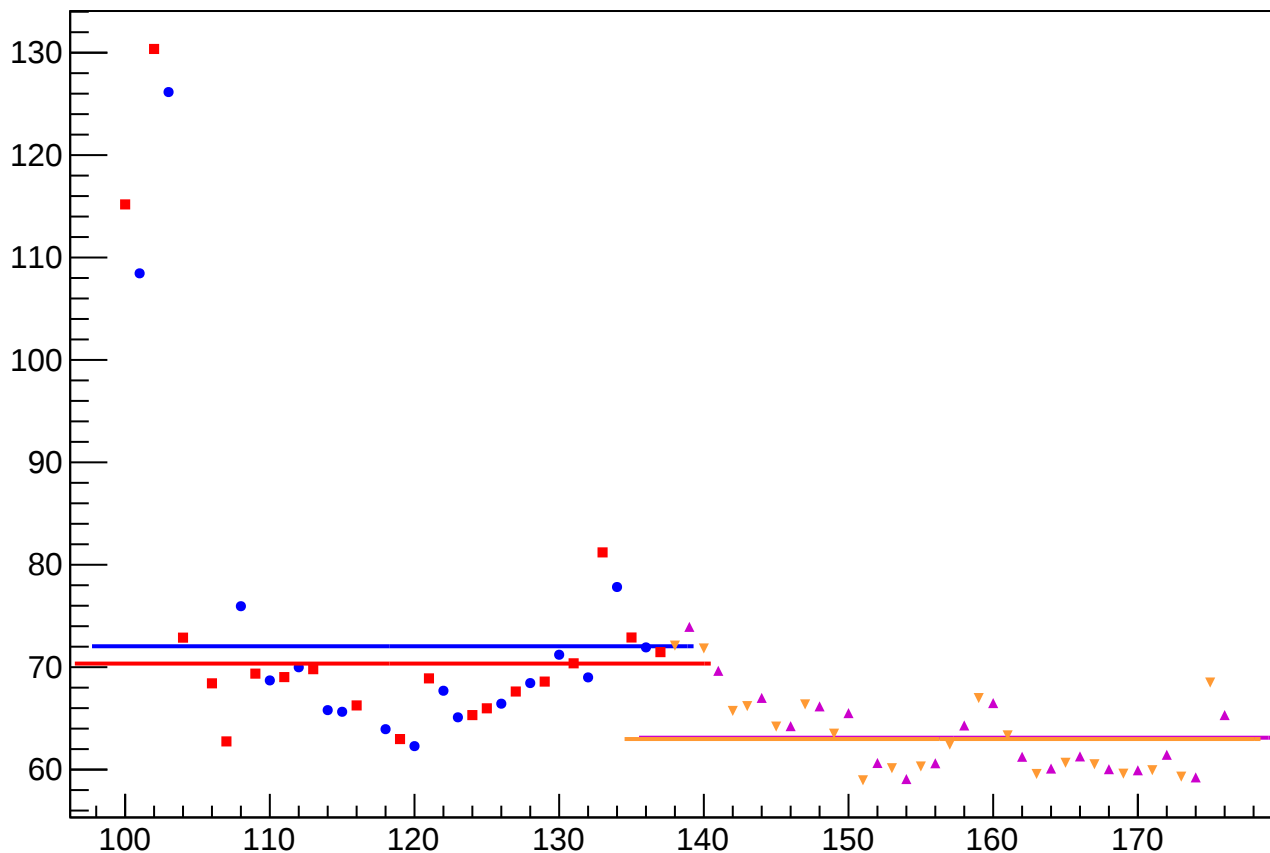
Left In: -107.567 ± 16.450 $\chi^2/\text{NDF}: 24.2/18$

+ sign 57.106 ± 14.100 $\chi^2/\text{NDF}: 78.1/36$

All: -9.535 ± 9.943 $\chi^2/\text{NDF}: 197.1/74$

- sign -75.444 ± 14.022 $\chi^2/\text{NDF}: 74.6/37$

reg_asym_sam7_rms vs Slug



Right In: 72.042 $\pm$ 0.020 χ^2 /NDF: 391971.7/16

Left Out: 62.984 $\pm$ 0.011 χ^2 /NDF: 112303.0/19

Right Out: 70.351 $\pm$ 0.019 χ^2 /NDF: 299005.5/18

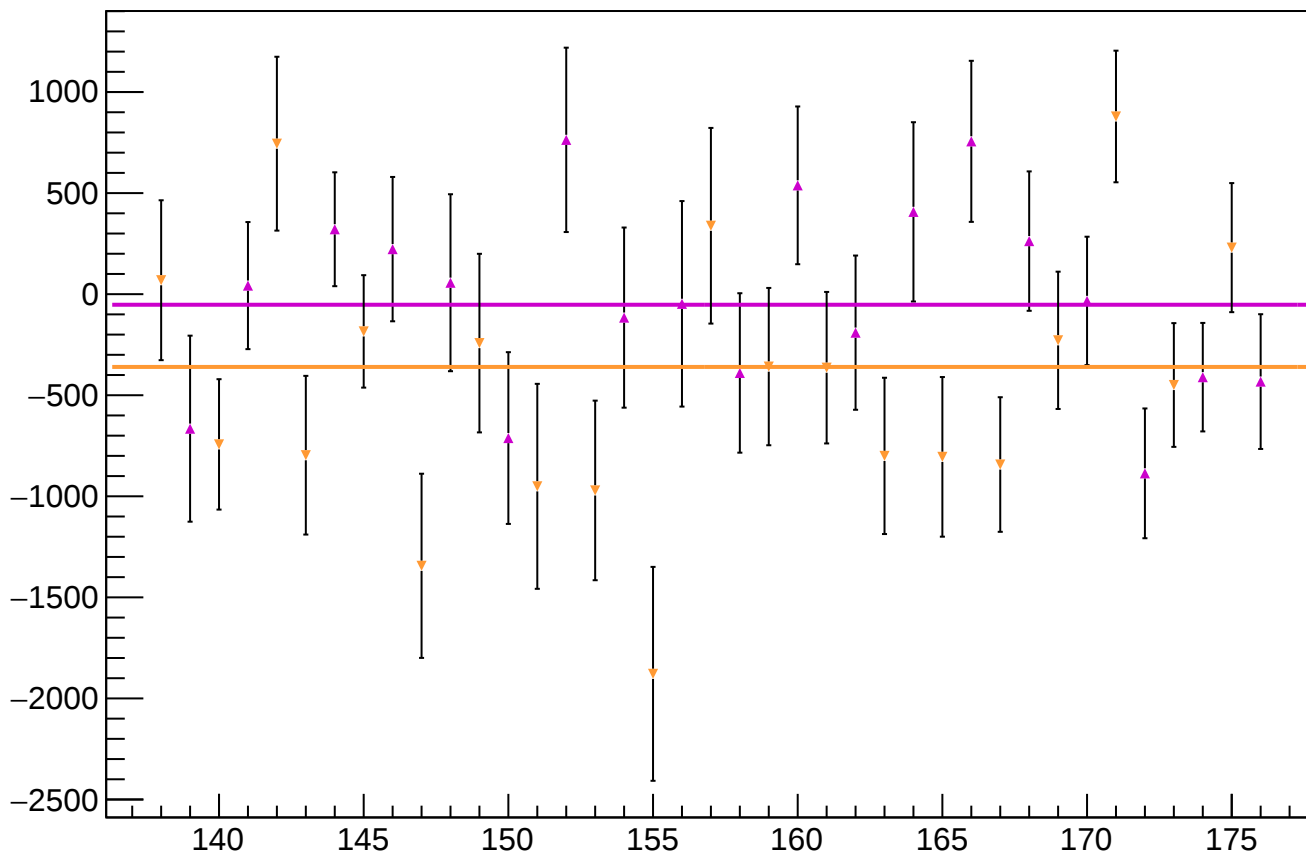
Left In: 63.113 $\pm$ 0.012 χ^2 /NDF: 99685.1/18

+ sign 65.223 $\pm$ 0.010 χ^2 /NDF: 657895.9/36

All: 65.157 $\pm$ 0.007 χ^2 /NDF: 1162534.1/74

- sign 65.092 $\pm$ 0.010 χ^2 /NDF: 504551.2/37

asym_sam7_correction_mean vs Slug



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

Left Out: -360.007+/-83.921 χ^2/NDF : 51.9/19

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

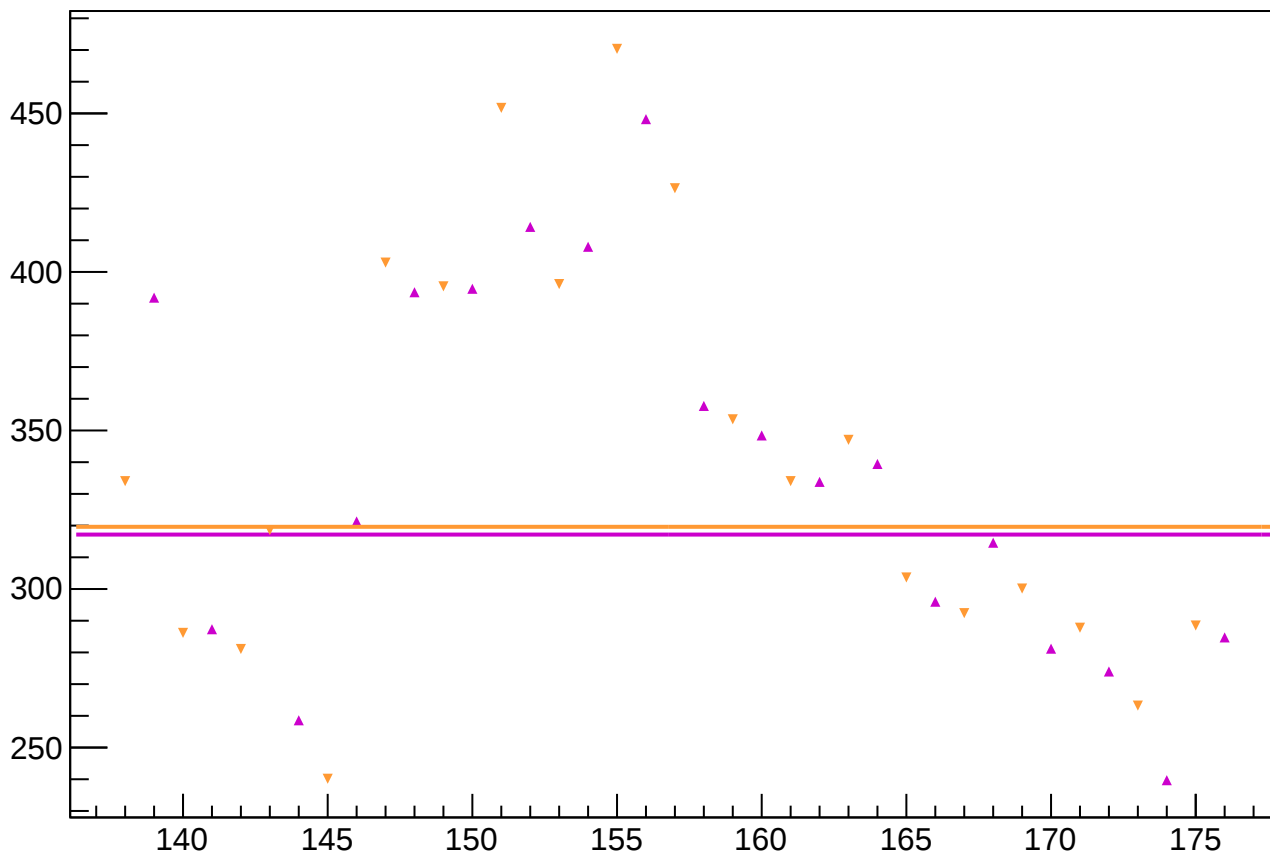
Left In: -52.326+/-83.942 χ^2/NDF : 28.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.206+/-59.349 χ^2/NDF : 87.6/38

- sign 0.000+/-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: 319.620+/-0.059 χ^2/NDF : 941541.2/19

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

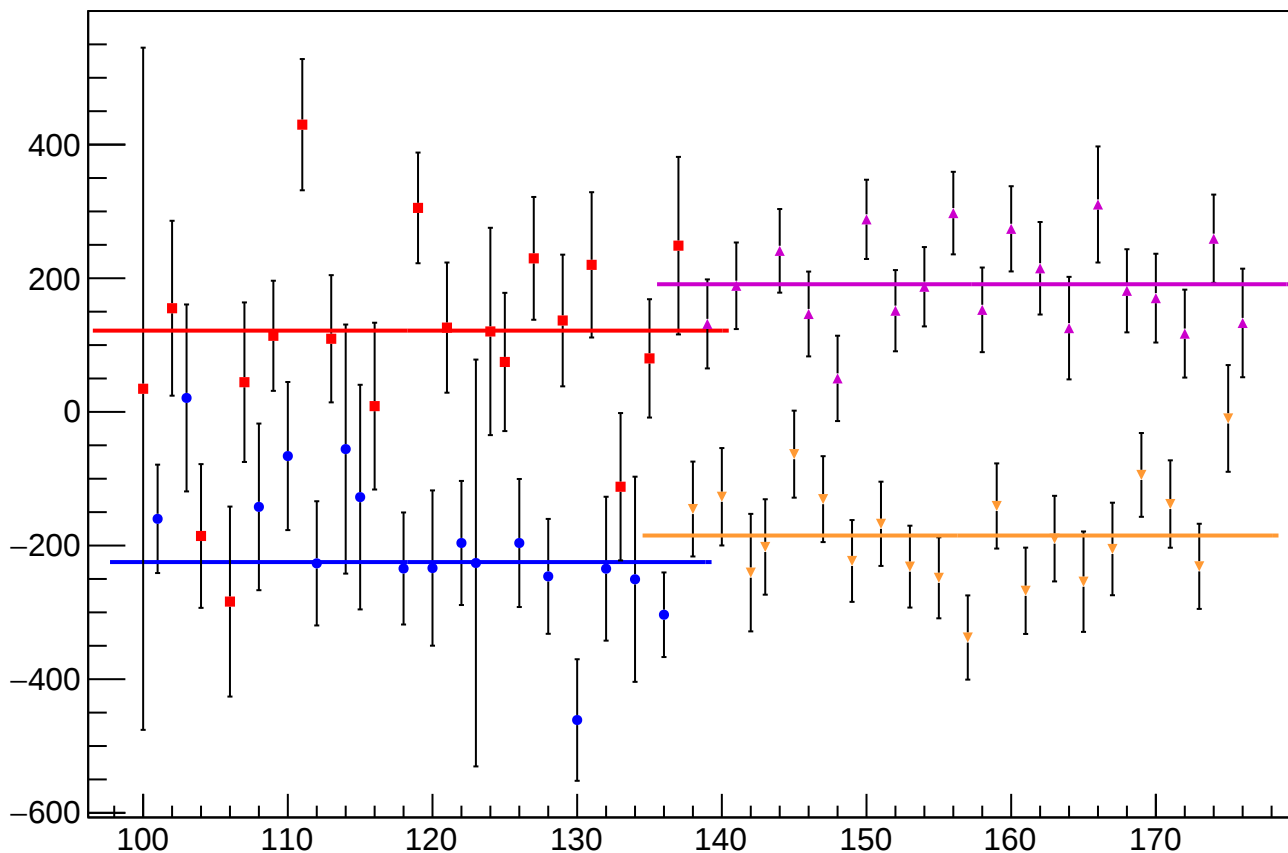
Left In: 317.170+/-0.059 χ^2/NDF : 887501.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.395+/-0.042 χ^2/NDF : 1829894.9/38

- 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: -184.987 $\pm$ 14.897 χ^2/NDF : 24.6/19

Right Out: 121.633 $\pm$ 24.599 χ^2/NDF : 40.5/18

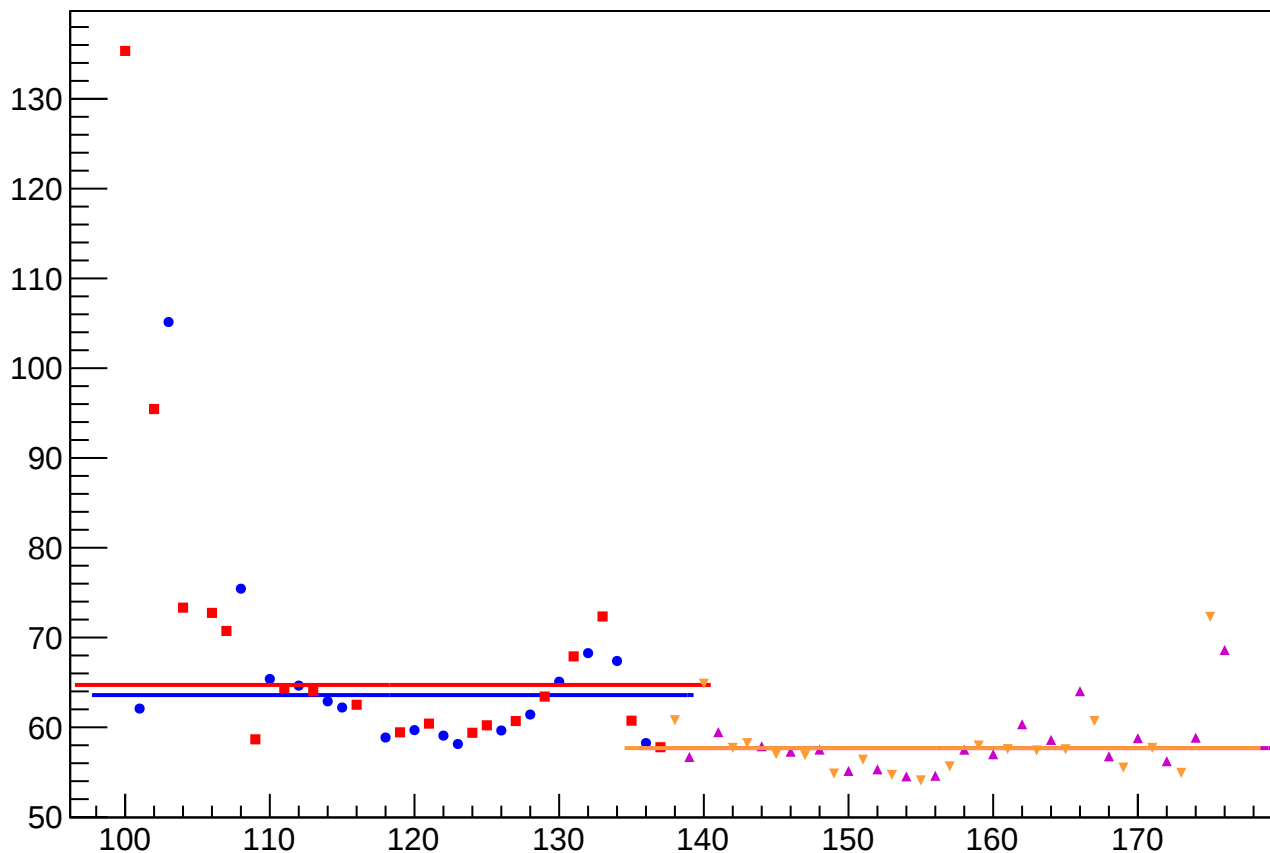
Left In: 191.037 $\pm$ 15.047 χ^2/NDF : 20.6/18

+ sign -195.474 $\pm$ 12.781 χ^2/NDF : 42.5/36

All: -12.456 $\pm$ 9.057 χ^2/NDF : 521.2/74

- sign 172.139 $\pm$ 12.836 χ^2/NDF : 66.9/37

reg_asym_sam8_rms vs Slug



Right In: 63.589 $\pm$ 0.018 χ^2 /NDF: 234601.0/16

Left Out: 57.685 $\pm$ 0.011 χ^2 /NDF: 119889.8/19

Right Out: 64.720 $\pm$ 0.017 χ^2 /NDF: 227506.4/18

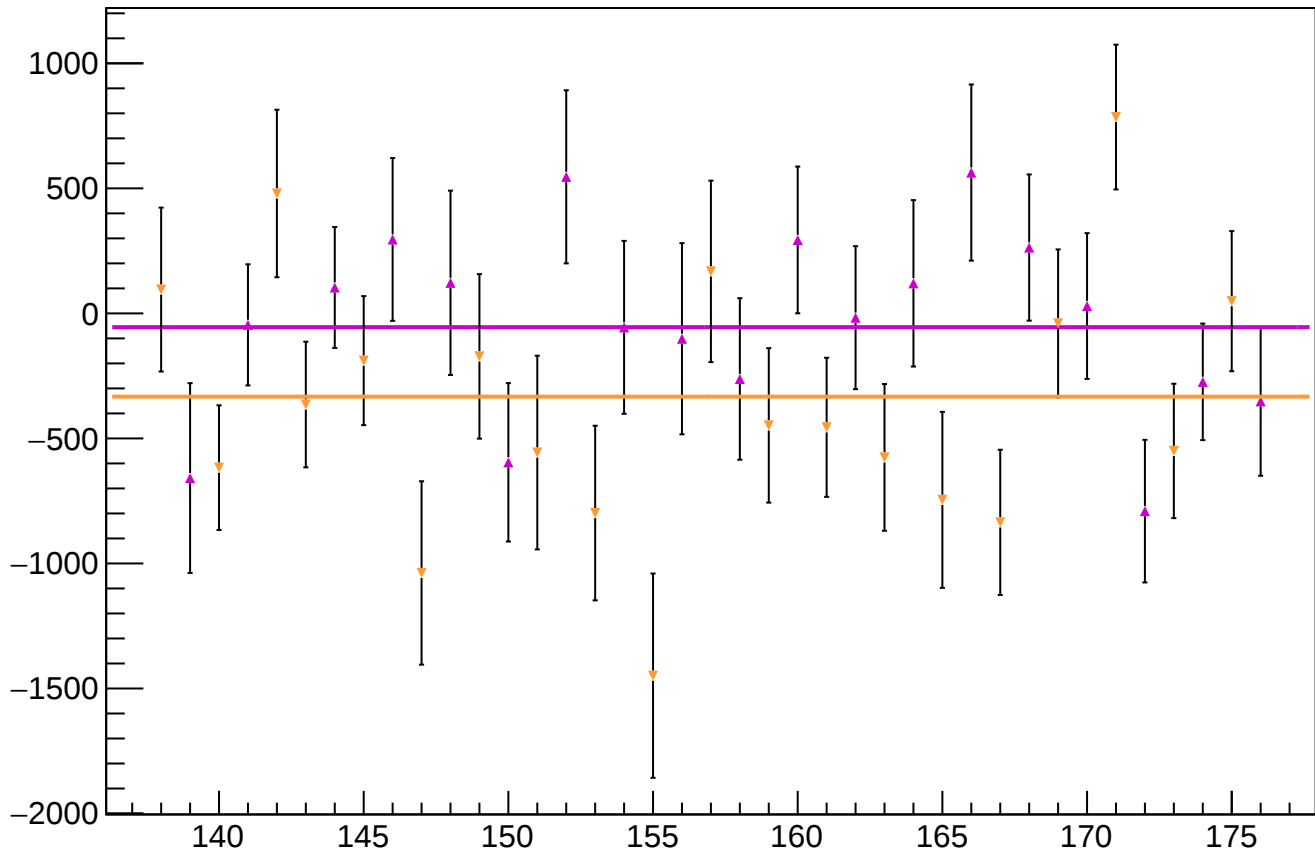
Left In: 57.683 $\pm$ 0.011 χ^2 /NDF: 72342.0/18

+ sign 59.243 $\pm$ 0.009 χ^2 /NDF: 437383.7/36

All: 59.420 $\pm$ 0.006 χ^2 /NDF: 857113.9/74

- sign 59.599 $\pm$ 0.009 χ^2 /NDF: 418958.9/37

asym_sam8_correction_mean vs Slug



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

Left Out: -332.901 $\pm$ 68.161 χ^2 /NDF: 48.4/19

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

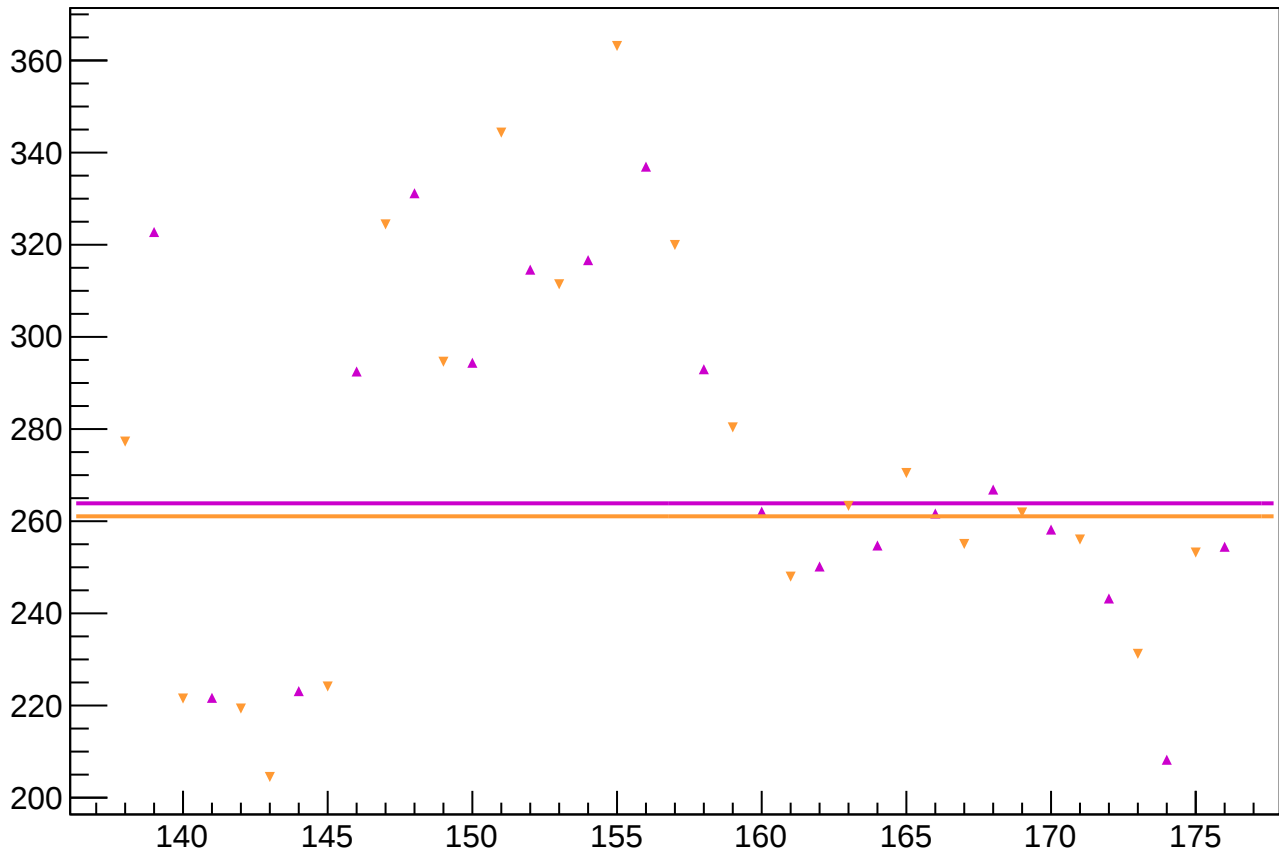
Left In: -55.045 $\pm$ 69.430 χ^2 /NDF: 25.3/18

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

All: -196.537 $\pm$ 48.640 χ^2 /NDF: 81.9/38

- 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: 261.063+/-0.048 χ^2/NDF : 662379.7/19

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

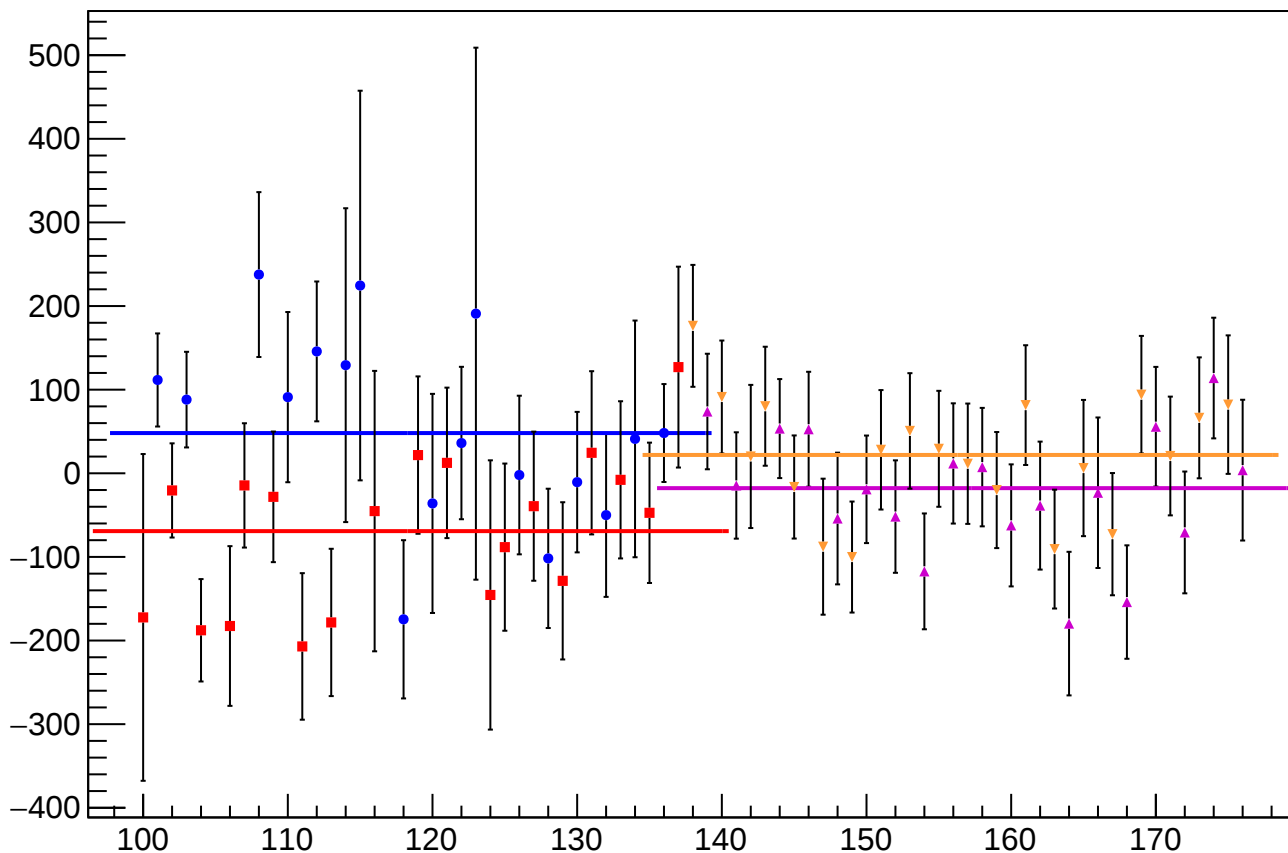
Left In: 263.881+/-0.049 χ^2/NDF : 579148.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.446+/-0.034 χ^2/NDF : 1243206.3/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 48.109 $\pm$ 21.510 χ^2/NDF : 19.0/16

Left Out: 21.935 $\pm$ 16.083 χ^2/NDF : 19.3/19

Right Out: -69.156 $\pm$ 20.407 χ^2/NDF : 17.7/18

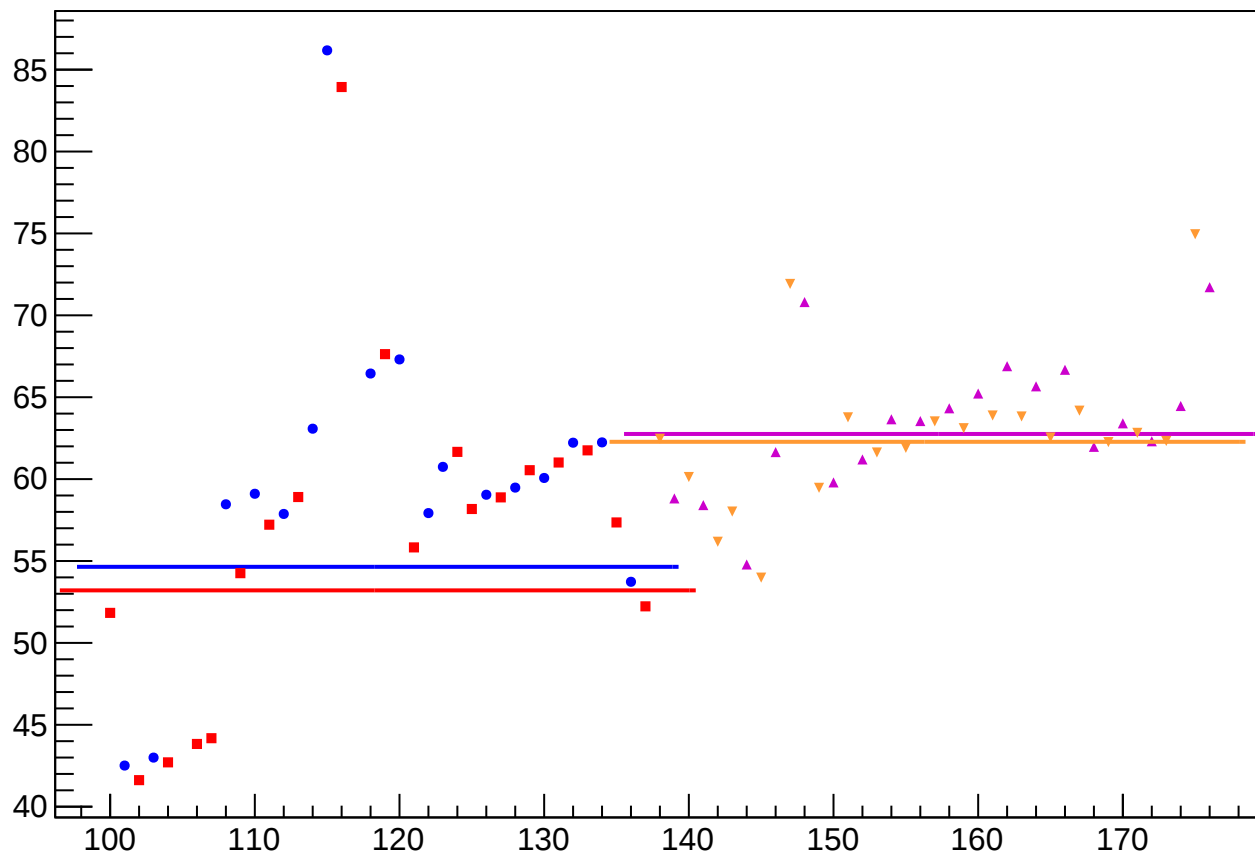
Left In: -17.757 $\pm$ 16.370 χ^2/NDF : 20.1/18

+ sign 31.320 $\pm$ 12.880 χ^2/NDF : 39.2/36

All: -3.581 $\pm$ 9.068 χ^2/NDF : 95.4/74

- sign -37.882 $\pm$ 12.769 χ^2/NDF : 41.6/37

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.645 $\pm$ 0.015 χ^2 /NDF: 319300.2/16

Left Out: 62.278 $\pm$ 0.011 χ^2 /NDF:139510.1/19

Right Out: 53.207 $\pm$ 0.014 χ^2 /NDF: 386295.2/18

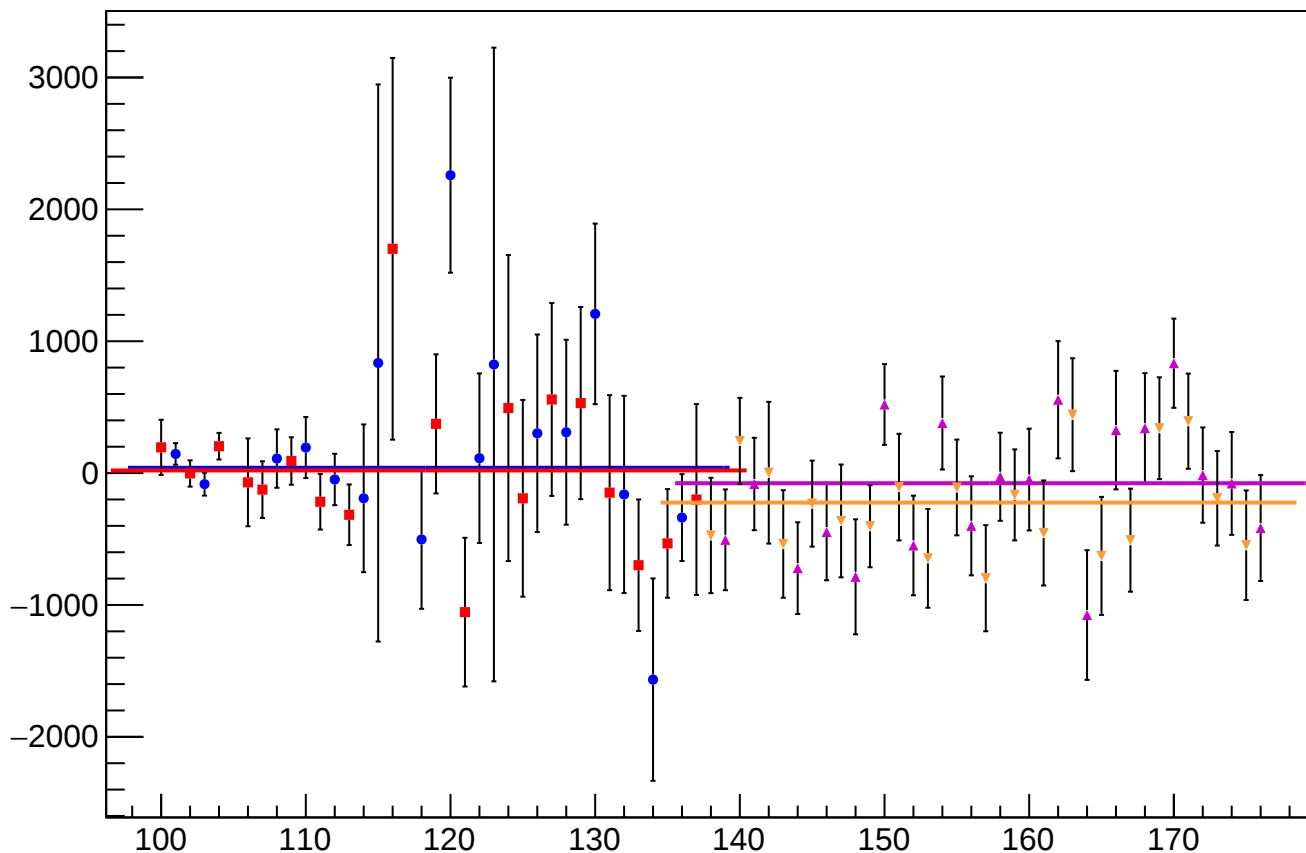
Left In: 62.756 $\pm$ 0.012 χ^2 /NDF:118864.8/18

+ sign 59.541 $\pm$ 0.009 χ^2 /NDF: 620348.9/36

All: 59.277 $\pm$ 0.006 χ^2 /NDF: 1393655.1/74

- sign 59.017 $\pm$ 0.009 χ^2 /NDF: 771640.0/37

asym_sam_15_avg_correction_mean vs Slug



Right In: 40.207 $\pm$ 51.542 χ^2 /NDF: 23.9/16

Left Out: -223.541 $\pm$ 85.778 χ^2 /NDF: 16.9/19

Right Out: 20.232 $\pm$ 53.274 χ^2 /NDF: 18.9/18

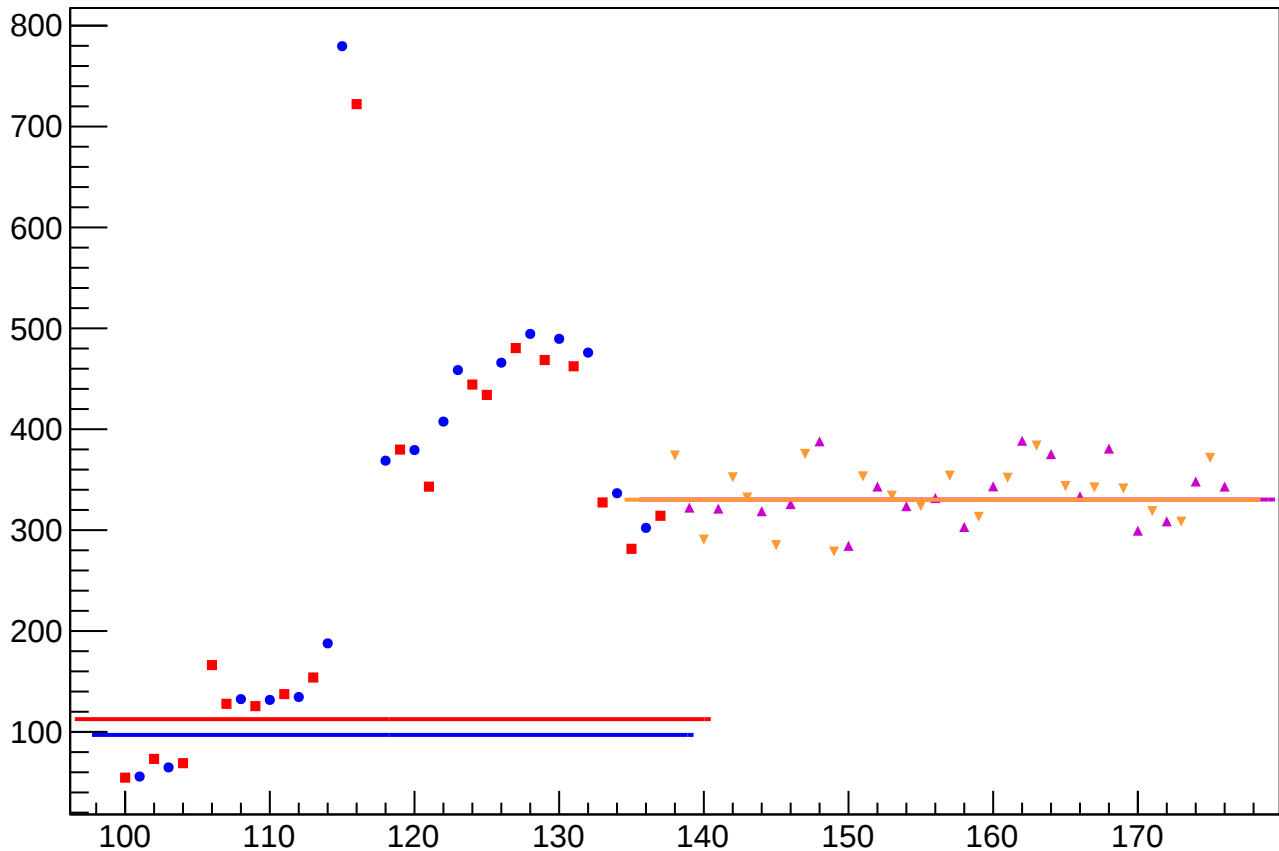
Left In: -76.633 $\pm$ 86.524 χ^2 /NDF: 32.1/18

+ sign -29.759 $\pm$ 44.180 χ^2 /NDF: 47.7/36

All: -18.386 $\pm$ 31.651 χ^2 /NDF: 99.8/74

- sign -6.396 $\pm$ 45.365 χ^2 /NDF: 51.9/37

asym_sam_15_avg_correction_rms vs Slug



Right In: 97.039+/-0.036 χ^2/NDF : 5819709.2/16

Left Out: 330.198+/-0.061 χ^2/NDF : 259238.4/19

Right Out: 112.653+/-0.038 χ^2/NDF : 5036306.5/18

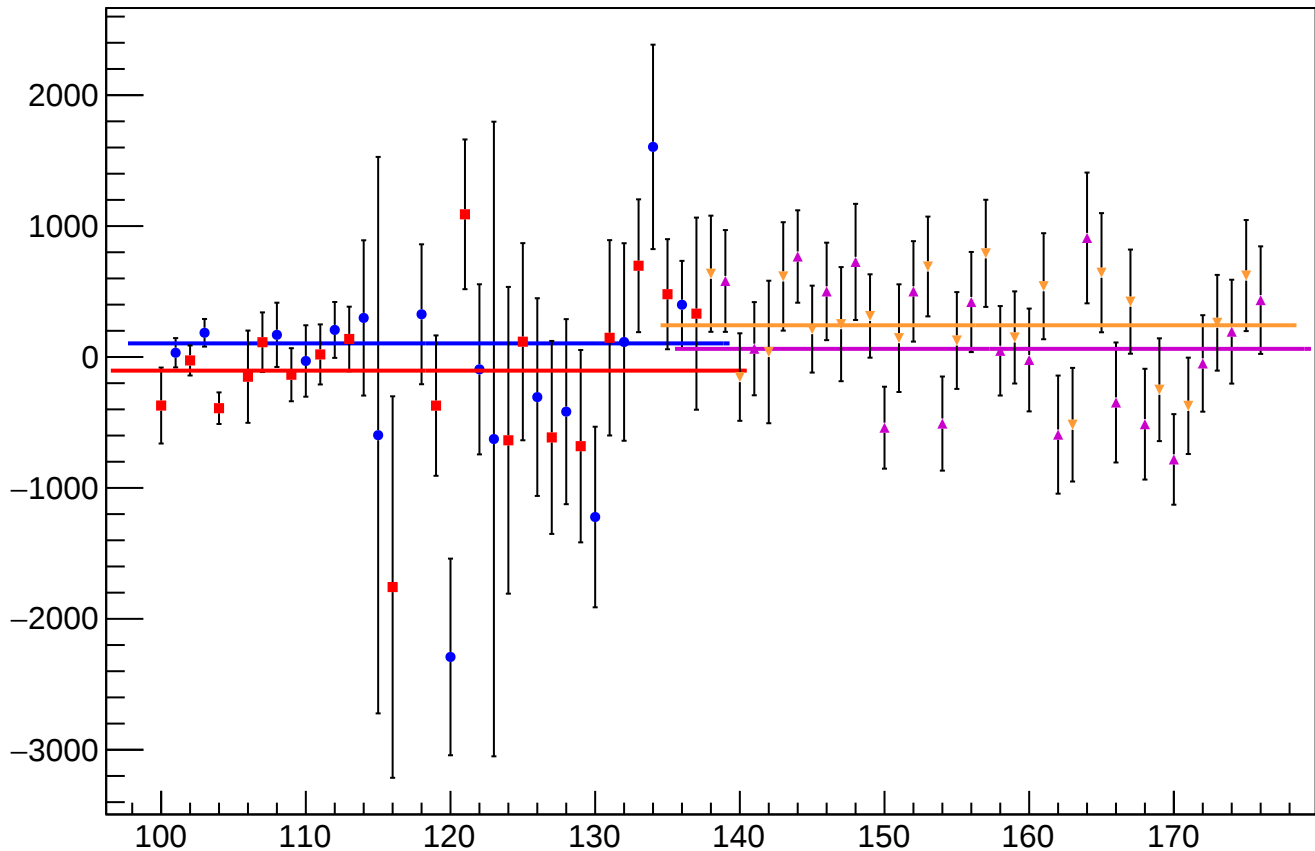
Left In: 330.326+/-0.061 χ^2/NDF : 213825.1/18

+ sign 158.890+/-0.031 χ^2/NDF : 16935852.2/36

All: 165.510+/-0.022 χ^2/NDF : 31456674.6/74

- sign 172.490+/-0.032 χ^2/NDF : 14428572.1/37

asym_sam_15_avg_mean vs Slug



Right In: 104.001 ± 63.156 χ^2/NDF : 21.3/16

Left Out: 242.356 ± 87.345 χ^2/NDF : 16.4/19

Right Out: -104.140 ± 60.857 χ^2/NDF : 21.3/18

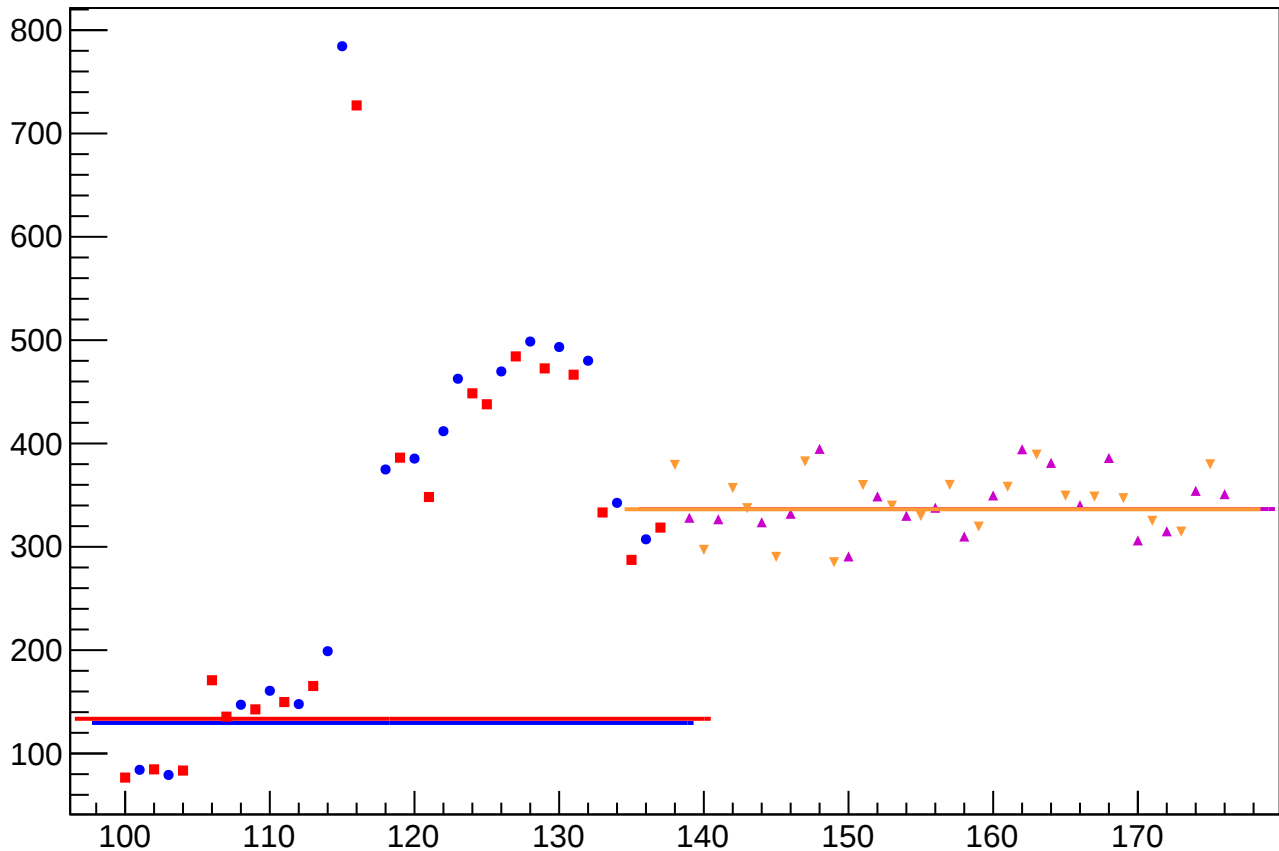
Left In: 62.225 ± 88.130 χ^2/NDF : 32.5/18

+ sign 151.502 ± 51.179 χ^2/NDF : 39.3/36

All: 48.343 ± 35.793 χ^2/NDF : 103.5/74

- sign -50.424 ± 50.078 χ^2/NDF : 56.2/37

asym_sam_15_avg_rms vs Slug



Right In: 129.552 $\pm$ 0.045 χ^2 /NDF: 4772450.4/16

Left Out: 336.363 $\pm$ 0.062 χ^2 /NDF: 251061.1/19

Right Out: 133.593 $\pm$ 0.043 χ^2 /NDF: 4366252.1/18

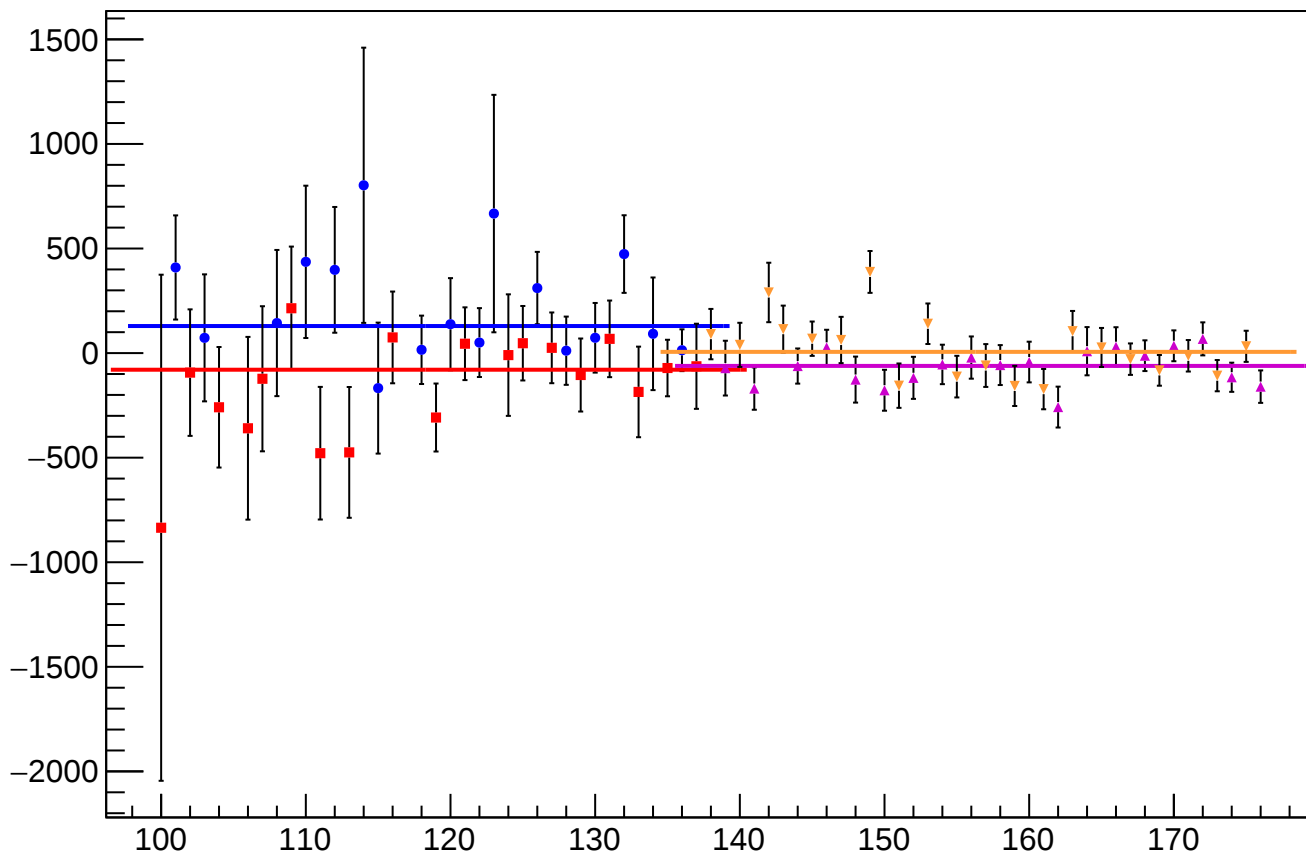
Left In: 336.569 $\pm$ 0.062 χ^2 /NDF: 204921.5/18

+ sign 200.556 $\pm$ 0.036 χ^2 /NDF: 12386543.0/36

All: 199.828 $\pm$ 0.025 χ^2 /NDF: 24142142.0/74

- sign 199.130 $\pm$ 0.035 χ^2 /NDF: 11754805.5/37

reg_asym_sam_26_avg_mean vs Slug



Right In: 129.398 $\pm$ 49.122 χ^2 /NDF: 12.9/16

Left Out: 5.903 $\pm$ 20.647 χ^2 /NDF:38.6/19

Right Out: -79.483 $\pm$ 49.886 χ^2 /NDF: 10.2/18

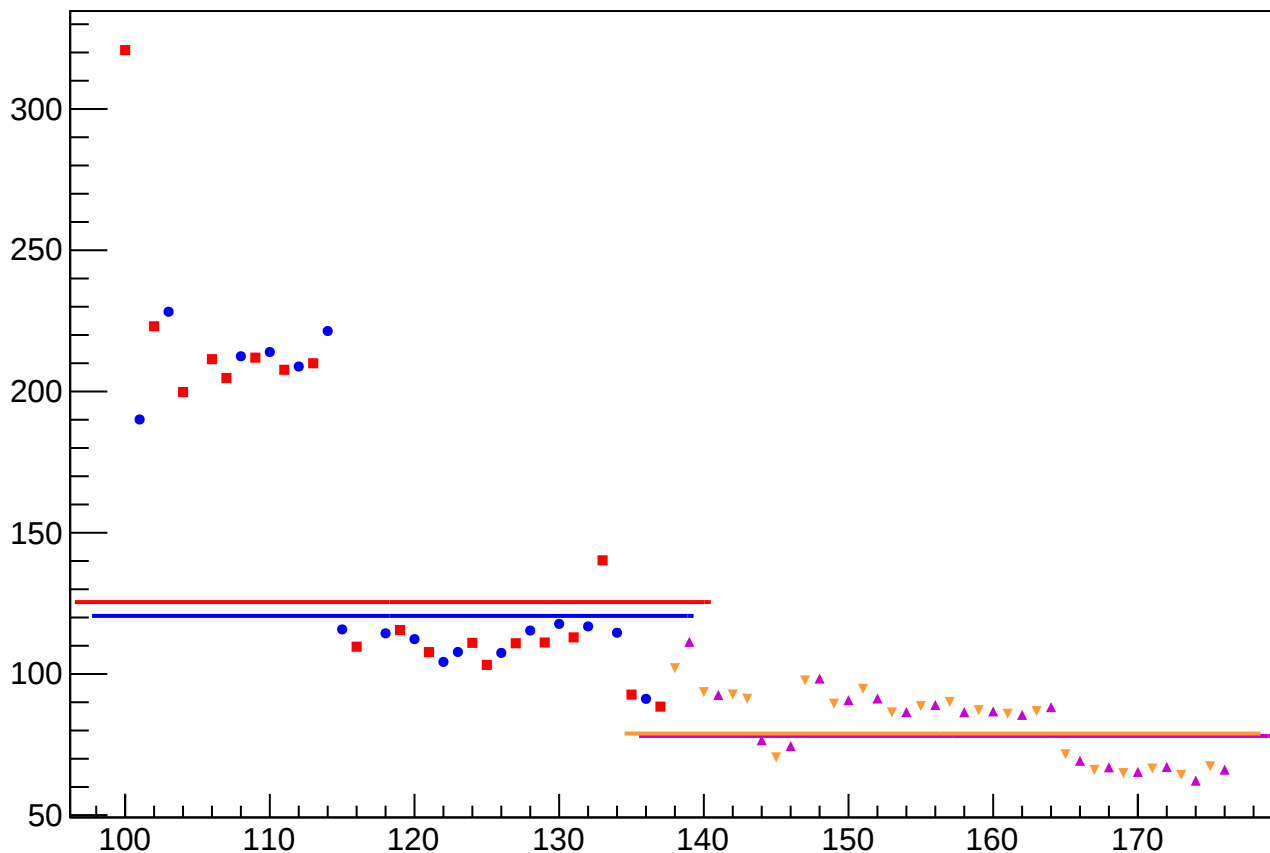
Left In: -61.284 $\pm$ 20.646 χ^2 /NDF:17.0/18

+ sign 24.446 $\pm$ 19.034 χ^2 /NDF: 56.9/36

All: -19.650 $\pm$ 13.474 χ^2 /NDF: 95.0/74

- sign -63.945 $\pm$ 19.077 χ^2 /NDF: 27.3/37

reg_asym_sam_26_avg_rms vs Slug



Right In: 120.565 $\pm$ 0.035 χ^2 /NDF: 1112076.4/16

Left Out: 78.937 $\pm$ 0.015 χ^2 /NDF: 717828.6/19

Right Out: 125.458 $\pm$ 0.035 χ^2 /NDF: 1333754.6/18

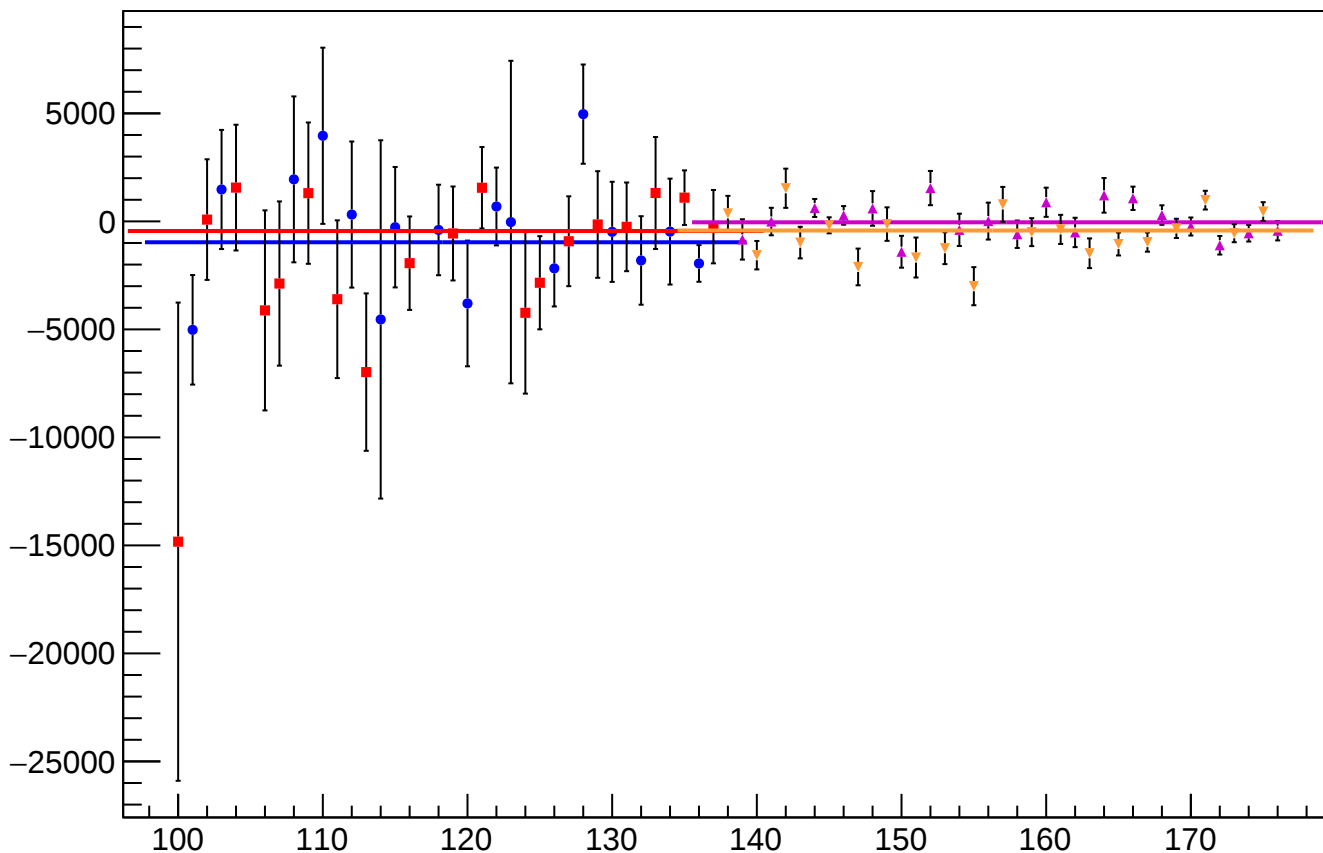
Left In: 78.071 $\pm$ 0.015 χ^2 /NDF: 721968.0/18

+ sign 85.187 $\pm$ 0.013 χ^2 /NDF: 3050593.0/36

All: 85.094 $\pm$ 0.010 χ^2 /NDF: 6647201.7/74

- sign 85.001 $\pm$ 0.013 χ^2 /NDF: 3596512.9/37

asym_sam_26_avg_correction_mean vs Slug



Right In: -966.587 ± 512.340 χ^2/NDF : 16.4/16

Left Out: -421.743 ± 129.357 χ^2/NDF : 47.4/19

Right Out: -444.406 ± 545.370 χ^2/NDF : 13.4/18

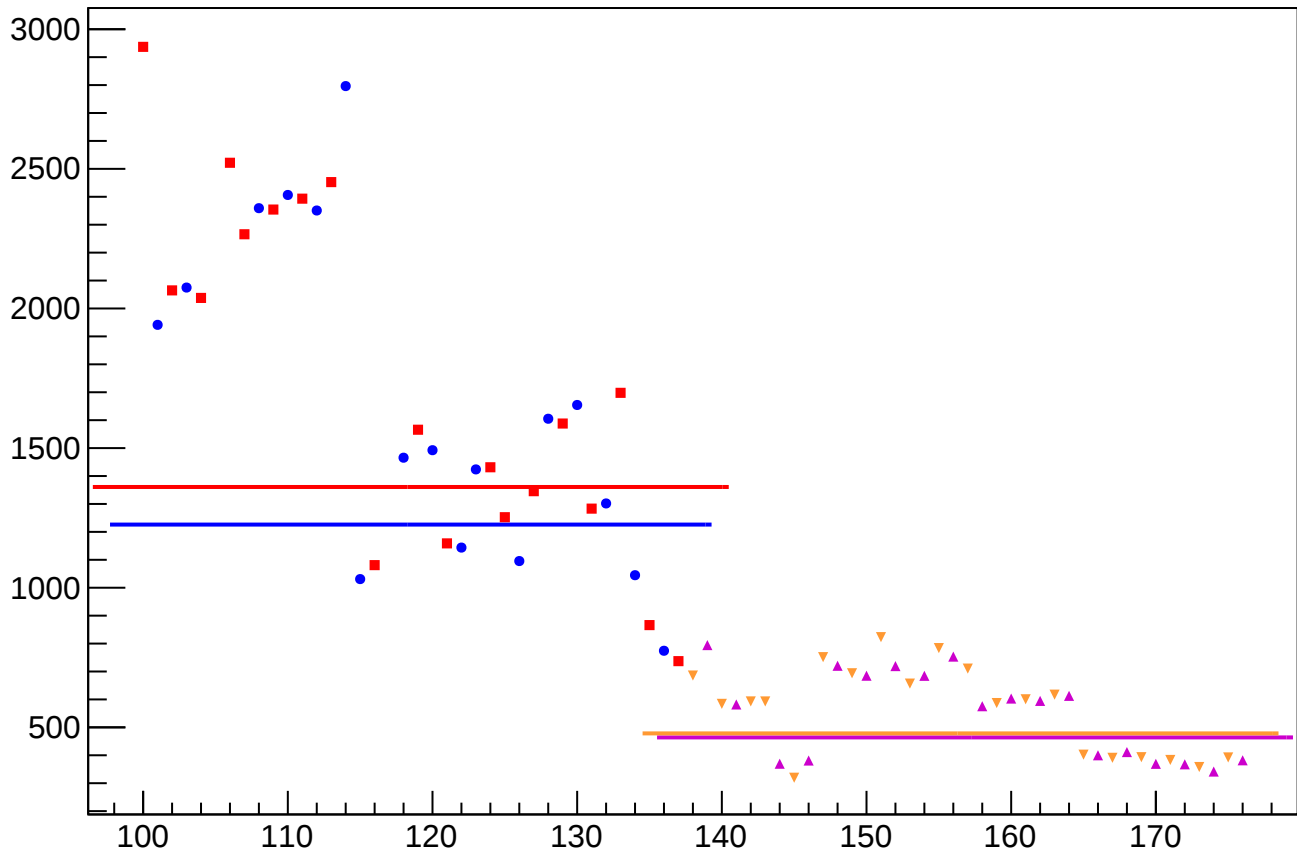
Left In: -42.909 ± 126.450 χ^2/NDF : 31.2/18

+ sign -454.394 ± 125.421 χ^2/NDF : 64.9/36

All: -255.372 ± 87.884 χ^2/NDF : 115.0/74

- sign -63.392 ± 123.182 χ^2/NDF : 45.1/37

asym_sam_26_avg_correction_rms vs Slug



Right In: 1226.135+/-0.362 χ^2/NDF : 1756323.1/16

Left Out: 478.360+/-0.091 χ^2/NDF : 2525581.0/19

+ sign 523.173+/-0.089 χ^2/NDF : 8287027.1/36

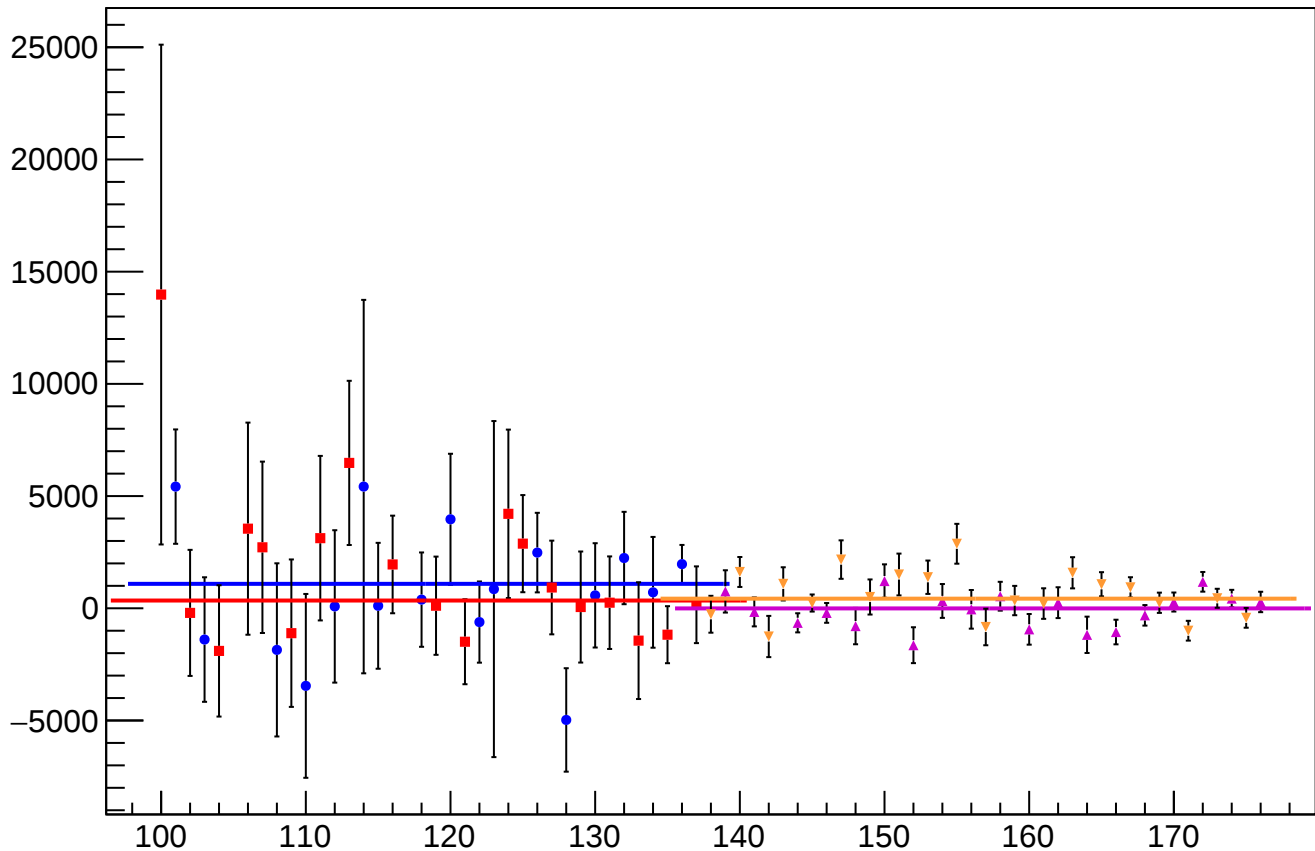
Right Out: 1360.770+/-0.386 χ^2/NDF : 1749074.9/18

All: 516.313+/-0.062 χ^2/NDF : 17488223.2/74

Left In: 463.944+/-0.089 χ^2/NDF : 2307948.0/18

- sign 509.697+/-0.087 χ^2/NDF : 9189444.1/37

asym_sam_26_avg_mean vs Slug



Right In: 1089.066 $\pm$ 515.272 χ^2 /NDF: 16.9/16

Left Out: 428.881 $\pm$ 131.224 χ^2 /NDF: 45.4/19

Right Out: 345.640 $\pm$ 548.191 χ^2 /NDF: 12.5/18

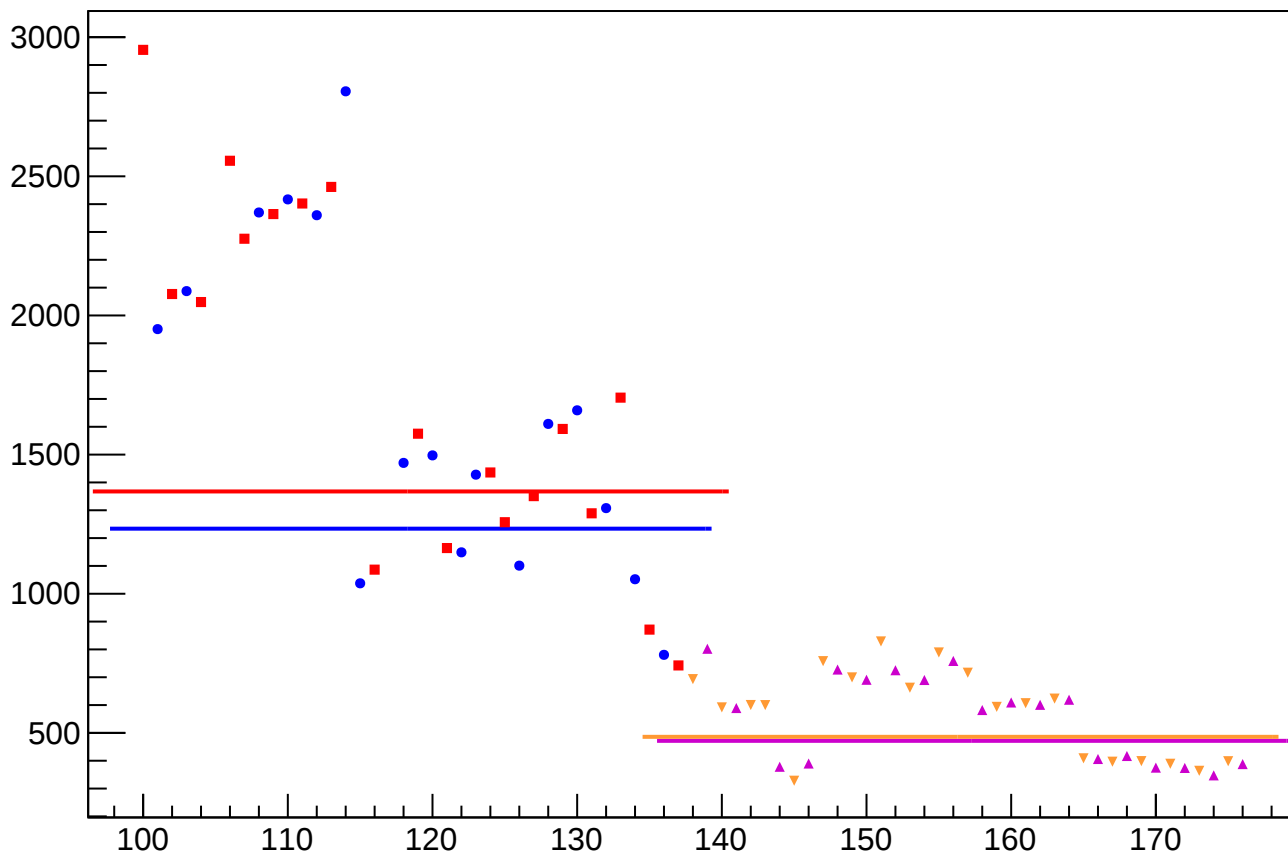
Left In: -5.806 $\pm$ 128.353 χ^2 /NDF: 29.6/18

+ sign 469.090 $\pm$ 127.165 χ^2 /NDF: 63.9/36

All: 236.806 $\pm$ 89.134 χ^2 /NDF: 112.9/74

- sign 12.459 $\pm$ 124.973 χ^2 /NDF: 42.5/37

asym_sam_26_avg_rms vs Slug



Right In: 1233.863+/-0.364 χ^2/NDF : 1744048.5/16

Left Out: 485.901+/-0.093 χ^2/NDF : 2458380.6/19

Right Out: 1367.609+/-0.388 χ^2/NDF : 1744594.4/18

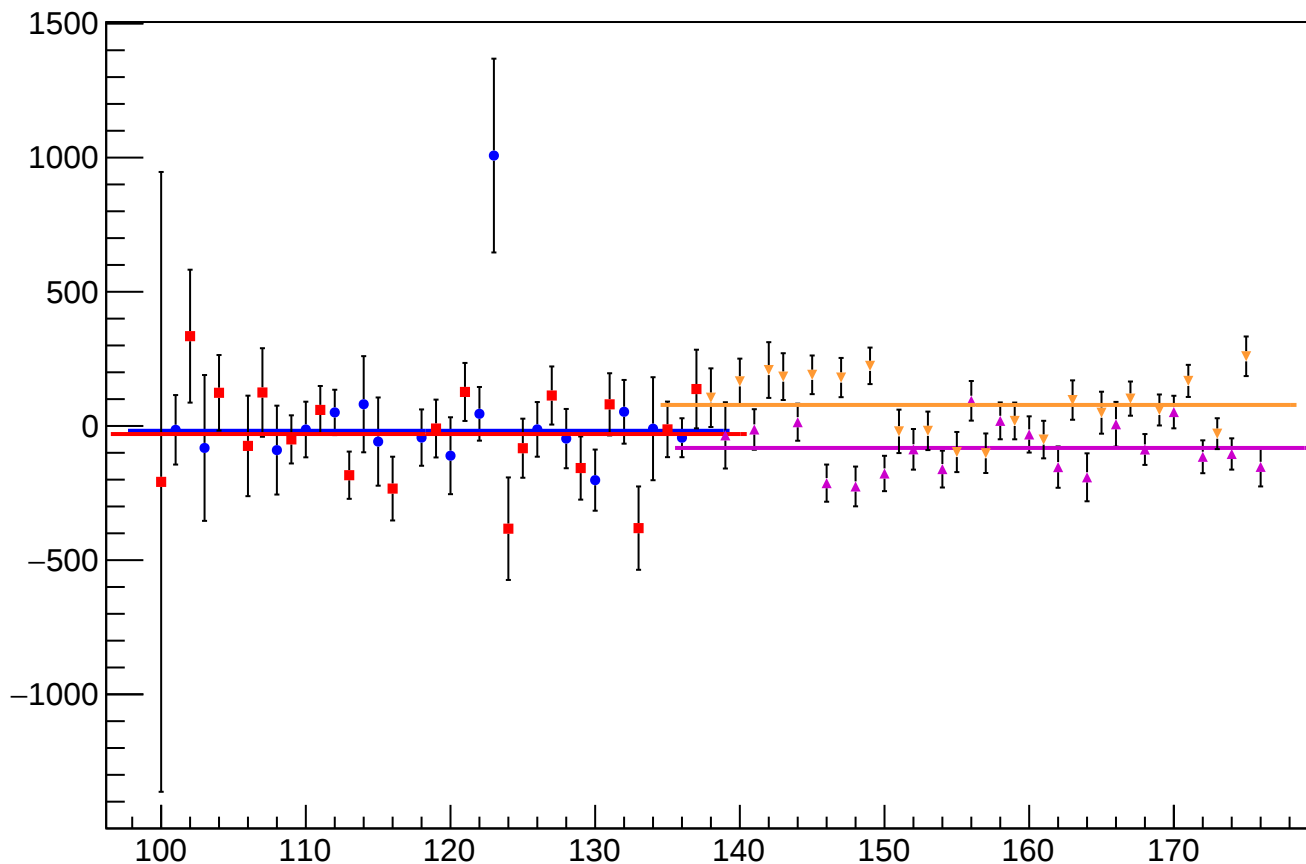
Left In: 471.480+/-0.091 χ^2/NDF : 2250747.2/18

+ sign 531.457+/-0.090 χ^2/NDF : 8159960.0/36

All: 524.639+/-0.063 χ^2/NDF : 17233336.4/74

- sign 518.054+/-0.088 χ^2/NDF : 9062074.8/37

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.972 ± 28.848 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 78.355 ± 16.153 $\chi^2/\text{NDF}: 44.3/19$

Right Out: -30.070 ± 27.976 $\chi^2/\text{NDF}: 27.4/18$

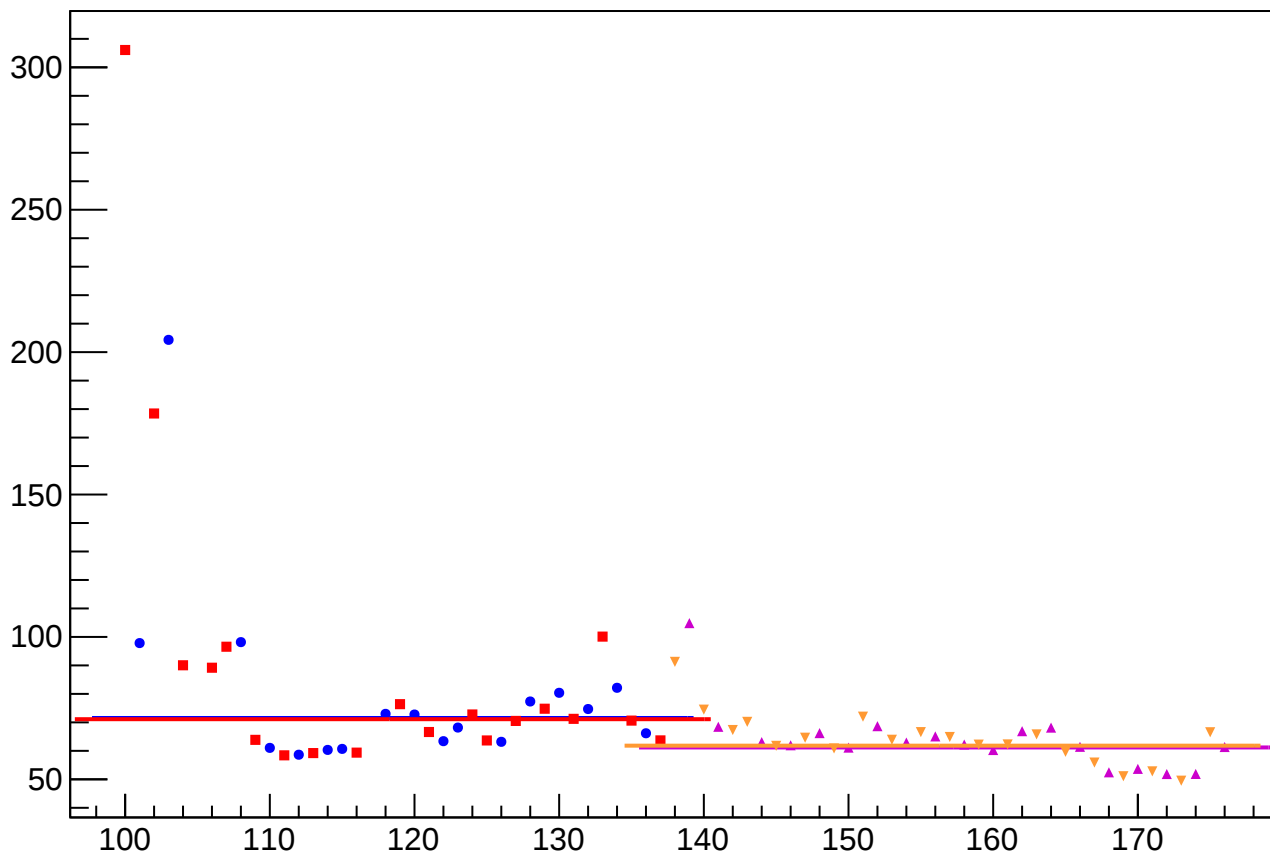
Left In: -81.924 ± 16.149 $\chi^2/\text{NDF}: 31.7/18$

+ sign 55.364 ± 14.094 $\chi^2/\text{NDF}: 66.1/36$

All: -7.275 ± 9.928 $\chi^2/\text{NDF}: 167.1/74$

- sign -68.964 ± 13.986 $\chi^2/\text{NDF}: 61.7/37$

reg_asym_sam_37_avg_rms vs Slug



Right In: 71.536 $\pm$ 0.020 χ^2 /NDF: 758961.6/16

Left Out: 61.821 $\pm$ 0.011 χ^2 /NDF: 500761.8/19

Right Out: 71.115 $\pm$ 0.020 χ^2 /NDF: 765159.2/18

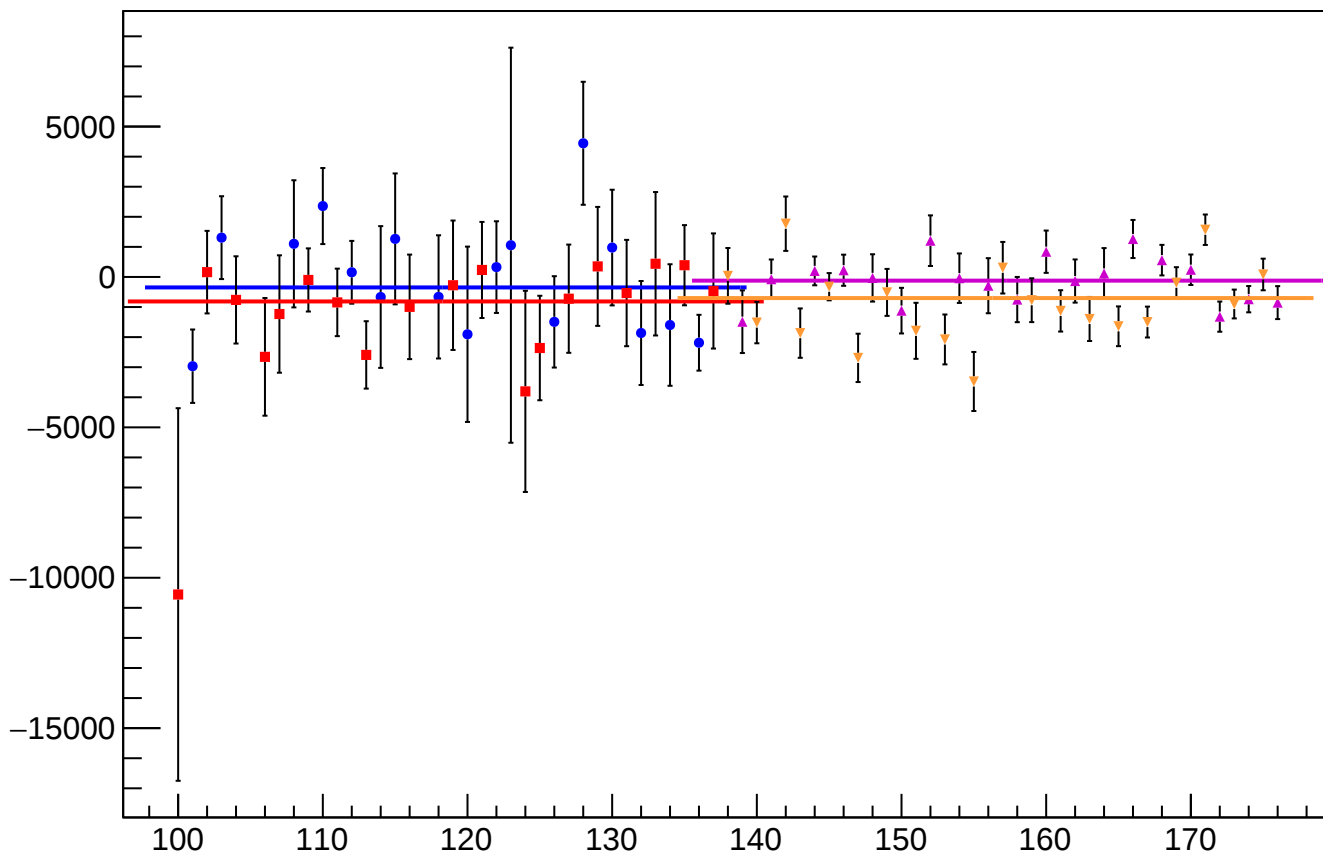
Left In: 61.190 $\pm$ 0.011 χ^2 /NDF: 503825.7/18

+ sign 64.140 $\pm$ 0.010 χ^2 /NDF: 1432415.2/36

All: 63.903 $\pm$ 0.007 χ^2 /NDF: 2891296.8/74

- sign 63.671 $\pm$ 0.010 χ^2 /NDF: 1457767.9/37

asym_sam_37_avg_correction_mean vs Slug



Right In: -347.939 $\pm$ 381.994 χ^2/NDF : 24.1/16

Left Out: -701.694 $\pm$ 146.443 χ^2/NDF : 61.1/19

Right Out: -814.154 $\pm$ 369.807 χ^2/NDF : 10.5/18

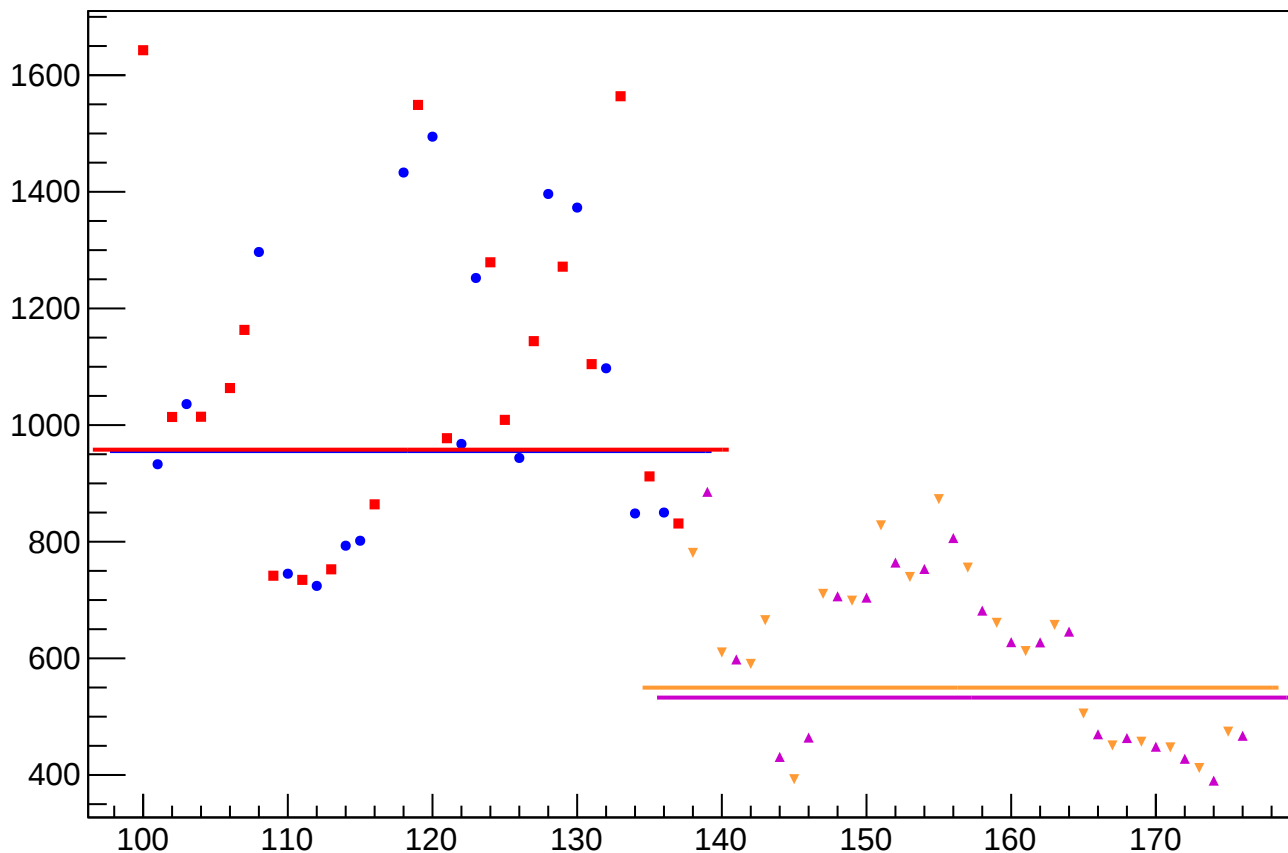
Left In: -122.484 $\pm$ 143.239 χ^2/NDF : 26.1/18

+ sign -656.364 $\pm$ 136.739 χ^2/NDF : 86.0/36

All: -429.339 $\pm$ 95.549 χ^2/NDF : 131.0/74

- sign -212.716 $\pm$ 133.570 χ^2/NDF : 39.6/37

asym_sam_37_avg_correction_rms vs Slug



Right In: 955.425 $\pm$ 0.270 χ^2 /NDF: 646512.4/16

Left Out: 549.802 $\pm$ 0.104 χ^2 /NDF:1735279.8/19

Right Out: 957.849 $\pm$ 0.261 χ^2 /NDF: 693081.8/18

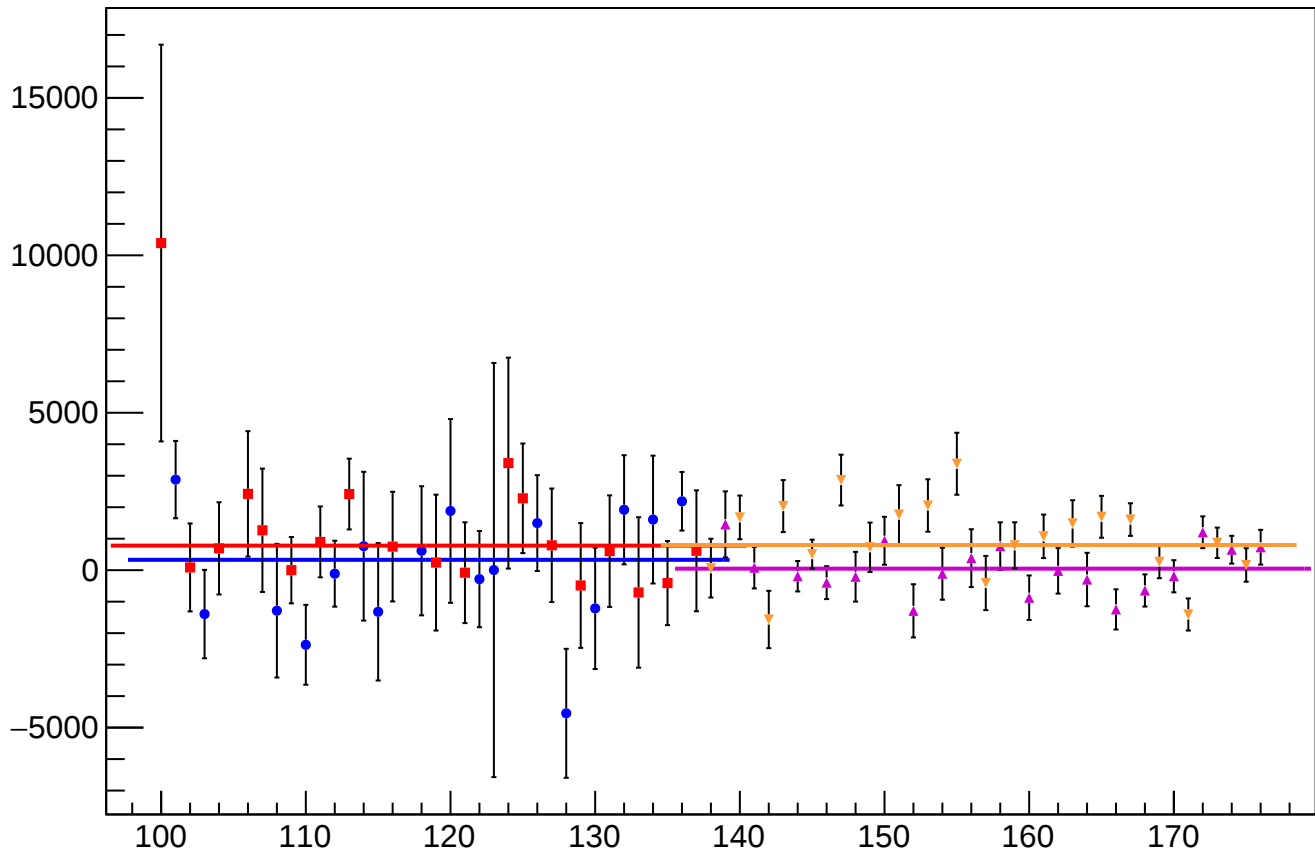
Left In: 532.723 $\pm$ 0.101 χ^2 /NDF:1674943.8/18

+ sign 601.778 $\pm$ 0.097 χ^2 /NDF: 4347916.0/36

All: 594.821 $\pm$ 0.068 χ^2 /NDF: 9024348.2/74

- sign 588.184 $\pm$ 0.094 χ^2 /NDF: 4666316.7/37

asym_sam_37_avg_mean vs Slug



Right In: 329.164 ± 383.728 χ^2/NDF : 24.3/16

Left Out: 799.593 ± 147.480 χ^2/NDF : 56.9/19

Right Out: 779.623 ± 371.673 χ^2/NDF : 9.3/18

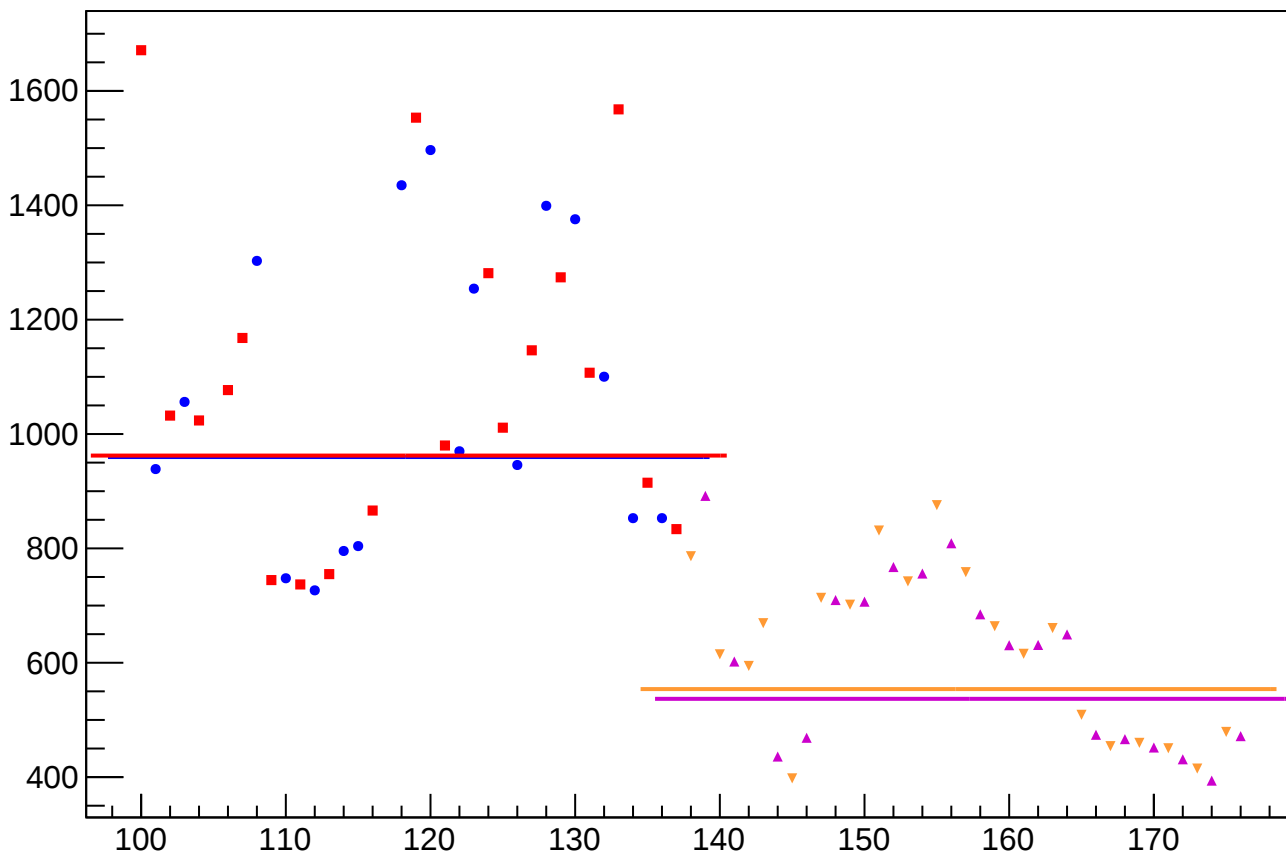
Left In: 48.052 ± 144.297 χ^2/NDF : 24.5/18

+ sign 739.048 ± 137.663 χ^2/NDF : 82.5/36

All: 434.580 ± 96.210 χ^2/NDF : 129.2/74

- sign 143.877 ± 134.515 χ^2/NDF : 37.1/37

asym_sam_37_avg_rms vs Slug



Right In: 959.770 $\pm$ 0.271 χ^2 /NDF: 646727.9/16

Left Out: 553.959 $\pm$ 0.104 χ^2 /NDF:1707776.8/19

Right Out: 962.314 $\pm$ 0.263 χ^2 /NDF: 695757.2/18

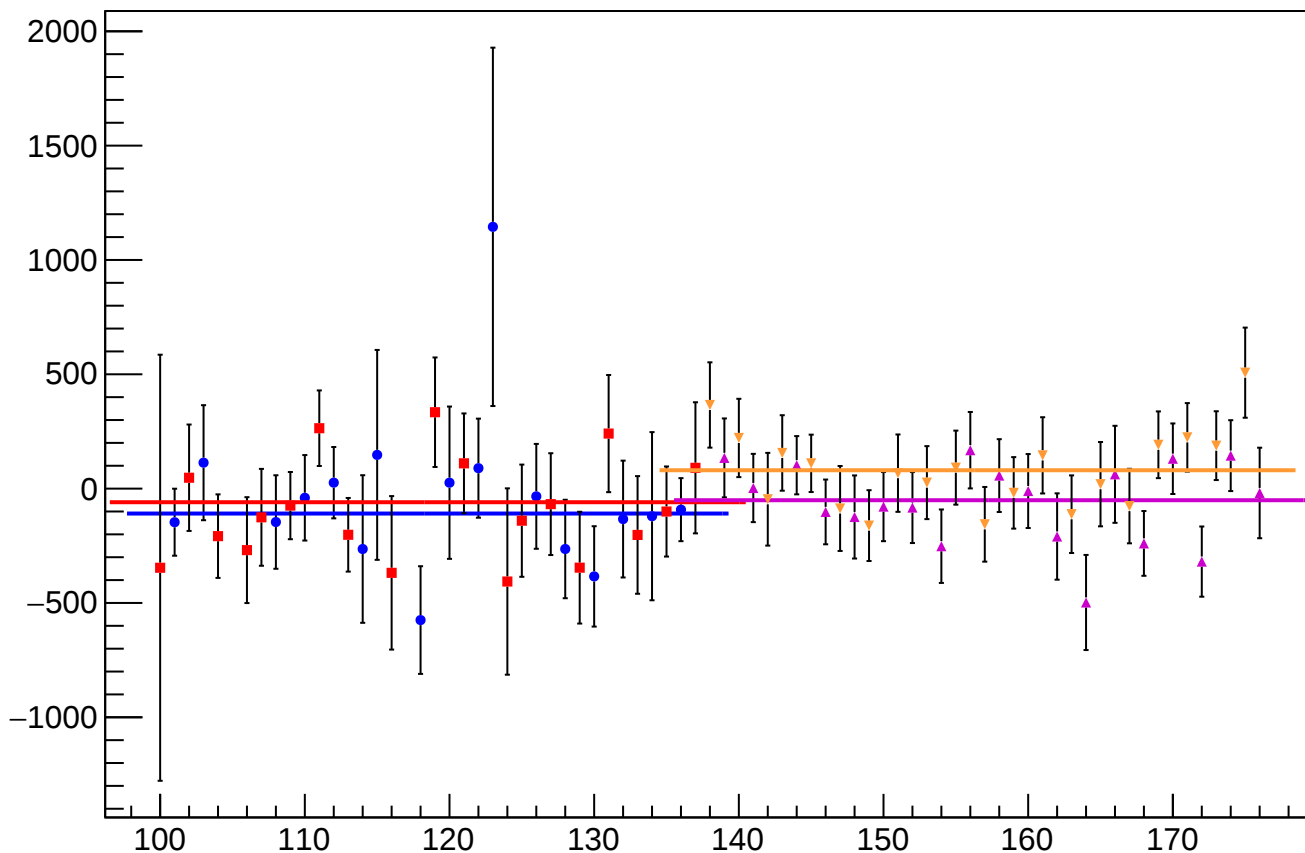
Left In: 536.911 $\pm$ 0.102 χ^2 /NDF:1649736.4/18

+ sign 606.187 $\pm$ 0.097 χ^2 /NDF: 4303446.6/36

All: 599.253 $\pm$ 0.068 χ^2 /NDF: 8935722.4/74

- sign 592.632 $\pm$ 0.095 χ^2 /NDF: 4622355.8/37

reg_asym_sam_48_avg_mean vs Slug



Right In: -108.977 ± 52.923 χ^2/NDF : 12.0/16

Left Out: 80.375 ± 36.561 χ^2/NDF : 18.7/19

Right Out: -59.475 ± 50.822 χ^2/NDF : 14.9/18

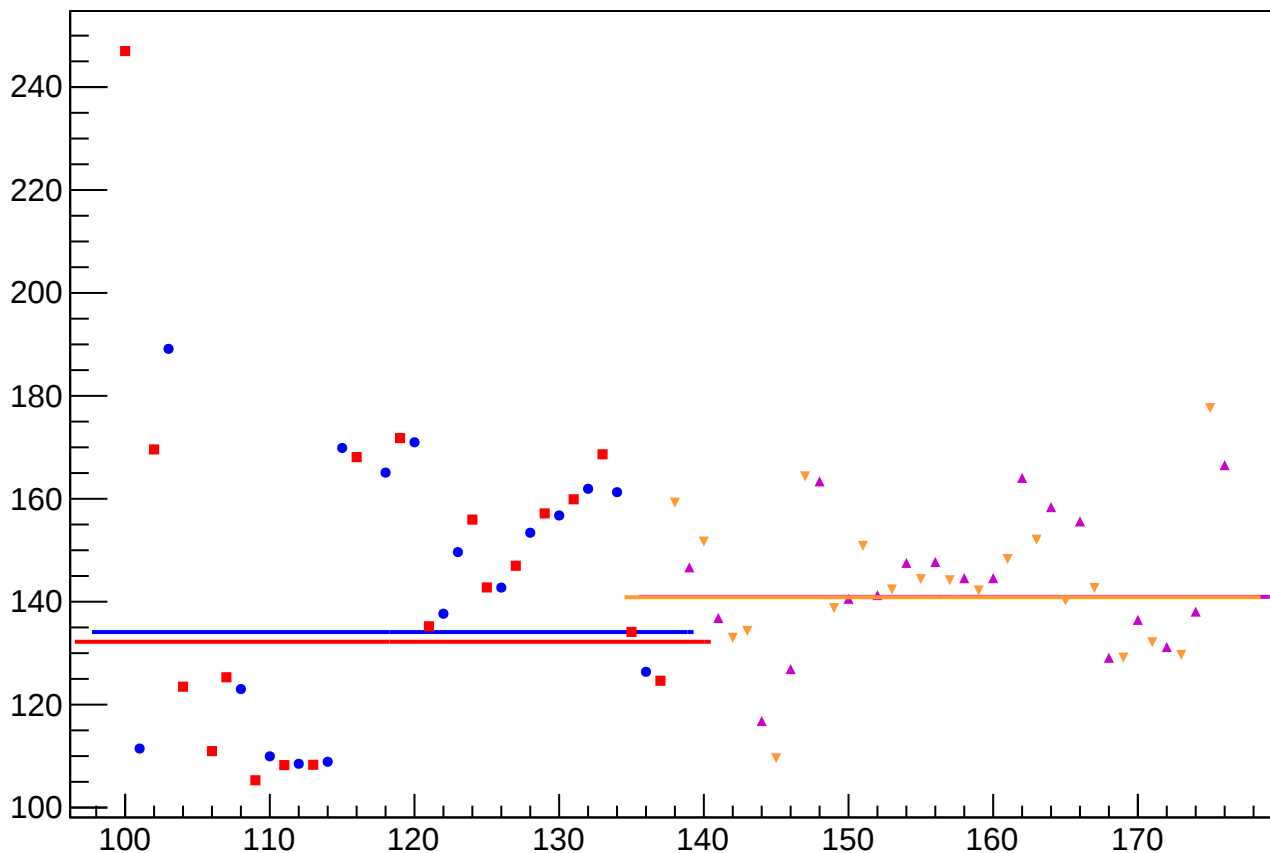
Left In: -50.729 ± 36.946 χ^2/NDF : 20.3/18

+ sign 19.202 ± 30.081 χ^2/NDF : 39.4/36

All: -17.515 ± 21.200 χ^2/NDF : 77.6/74

- sign -53.753 ± 29.884 χ^2/NDF : 35.2/37

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.103 $\pm$ 0.037 χ^2 /NDF: 402581.2/16

Left Out: 140.867 $\pm$ 0.026 χ^2 /NDF:312672.9/19

Right Out: 132.219 $\pm$ 0.036 χ^2 /NDF: 441738.5/18

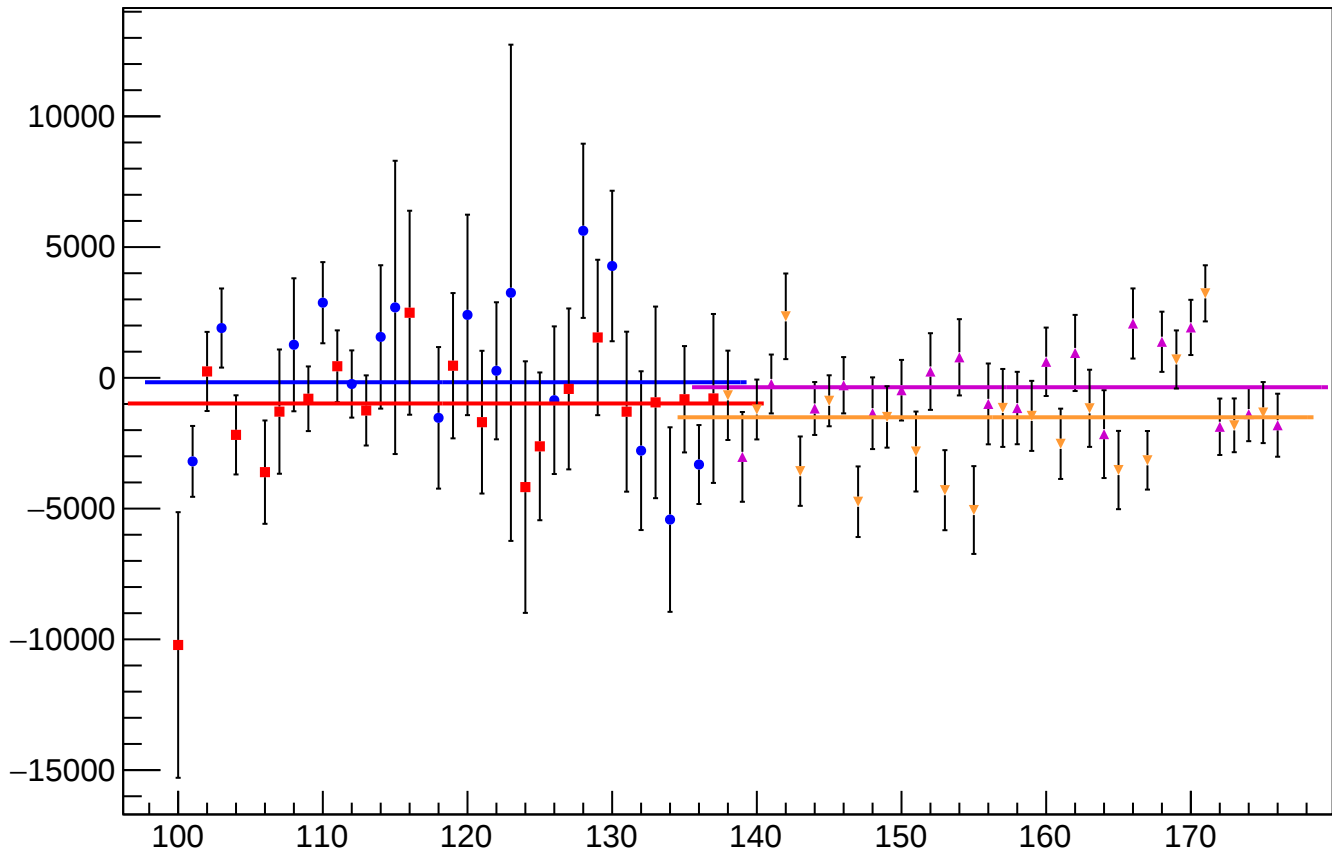
Left In: 140.943 $\pm$ 0.026 χ^2 /NDF:245841.9/18

+ sign 138.682 $\pm$ 0.021 χ^2 /NDF: 737371.1/36

All: 138.302 $\pm$ 0.015 χ^2 /NDF: 1464142.4/74

- sign 137.926 $\pm$ 0.021 χ^2 /NDF: 726135.8/37

asym_sam_48_avg_correction_mean vs Slug



Right In: -168.237 ± 523.672 χ^2/NDF : 25.3/16

Left Out: -1508.120 ± 286.224 χ^2/NDF : 51.2/19

Right Out: -980.517 ± 480.968 χ^2/NDF : 10.2/18

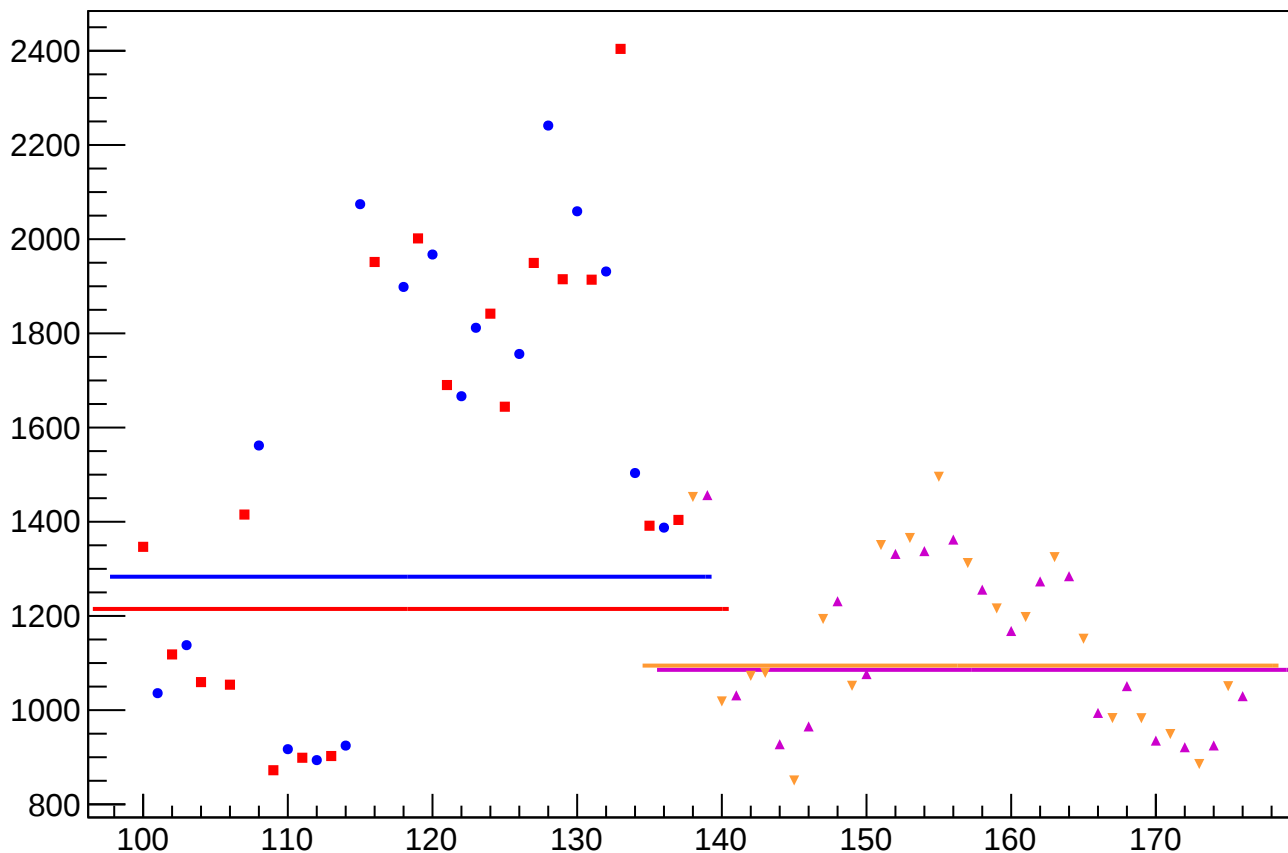
Left In: -359.061 ± 286.043 χ^2/NDF : 22.1/18

+ sign -1199.916 ± 251.157 χ^2/NDF : 81.5/36

All: -853.433 ± 175.689 χ^2/NDF : 118.8/74

- sign -521.437 ± 245.851 χ^2/NDF : 33.5/37

asym_sam_48_avg_correction_rms vs Slug



Right In: 1283.318 $\pm$ 0.370 χ^2 /NDF: 1169431.5/16

Left Out: 1094.581 $\pm$ 0.202 χ^2 /NDF: 753448.7/19

Right Out: 1214.883 $\pm$ 0.340 χ^2 /NDF: 1360860.3/18

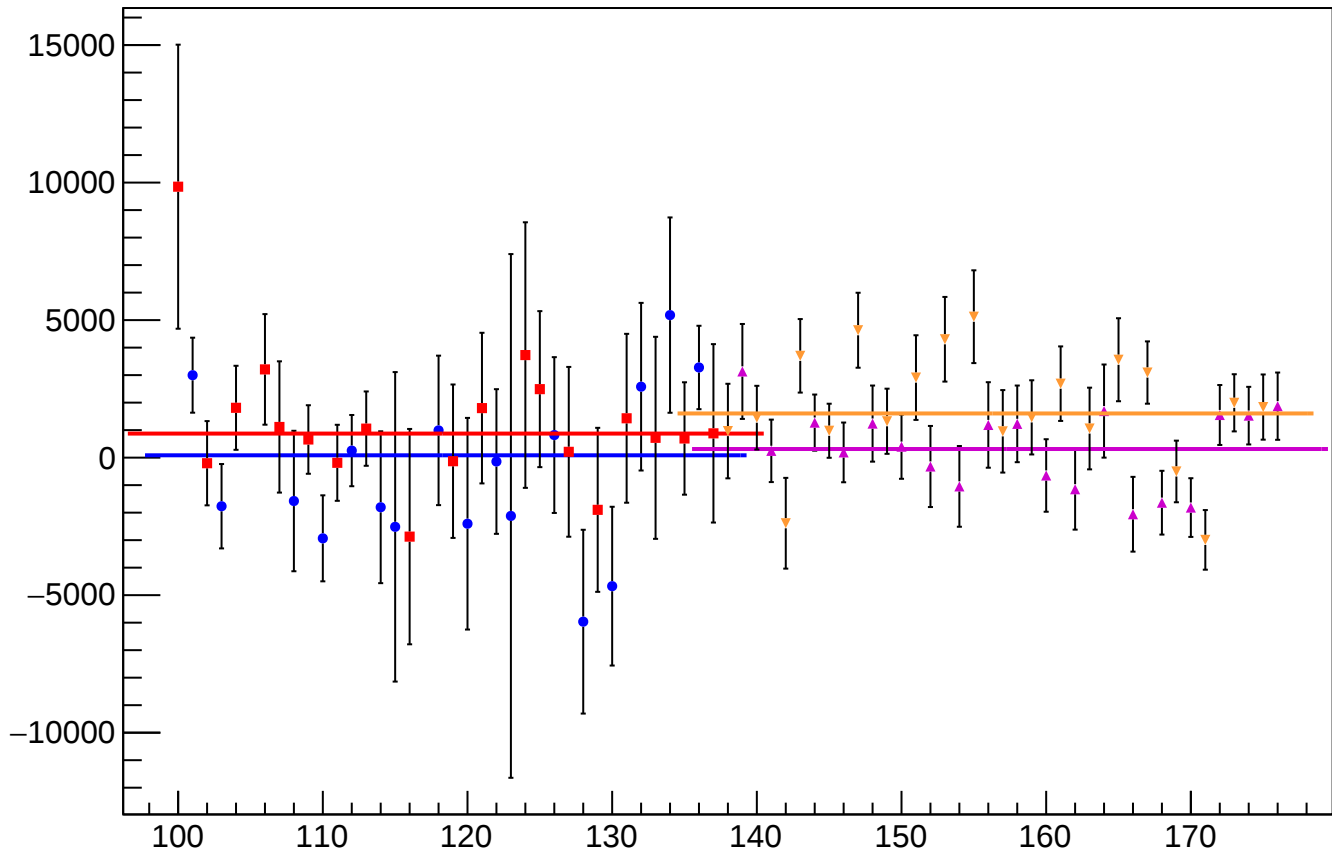
Left In: 1085.559 $\pm$ 0.202 χ^2 /NDF: 624470.0/18

+ sign 1137.995 $\pm$ 0.178 χ^2 /NDF: 2122912.9/36

All: 1128.473 $\pm$ 0.124 χ^2 /NDF: 4220688.2/74

- sign 1119.349 $\pm$ 0.174 χ^2 /NDF: 2092145.9/37

asym_sam_48_avg_mean vs Slug



Right In: 85.077 ± 527.082 χ^2/NDF : 24.7/16

Left Out: 1606.291 ± 288.774 χ^2/NDF : 48.1/19

Right Out: 874.592 ± 484.647 χ^2/NDF : 8.7/18

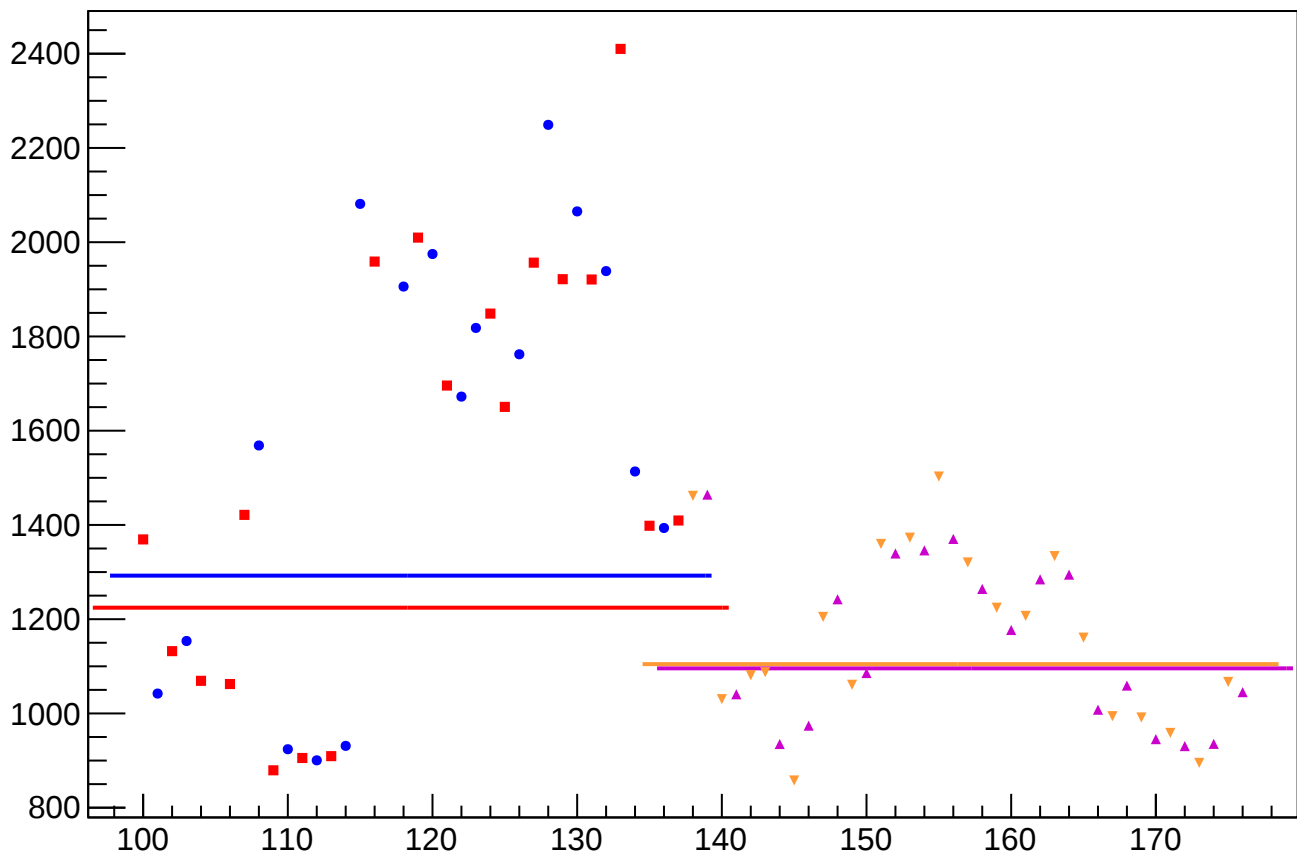
Left In: 313.661 ± 288.642 χ^2/NDF : 22.1/18

+ sign 1255.094 ± 253.255 χ^2/NDF : 79.2/36

All: 849.469 ± 177.188 χ^2/NDF : 116.0/74

- sign 460.531 ± 247.992 χ^2/NDF : 31.8/37

asym_sam_48_avg_rms vs Slug



Right In: 1292.426+/-0.373 χ^2/NDF : 1156576.0/16

Left Out: 1104.639+/-0.204 χ^2/NDF : 740319.0/19

Right Out: 1224.429+/-0.343 χ^2/NDF : 1345748.2/18

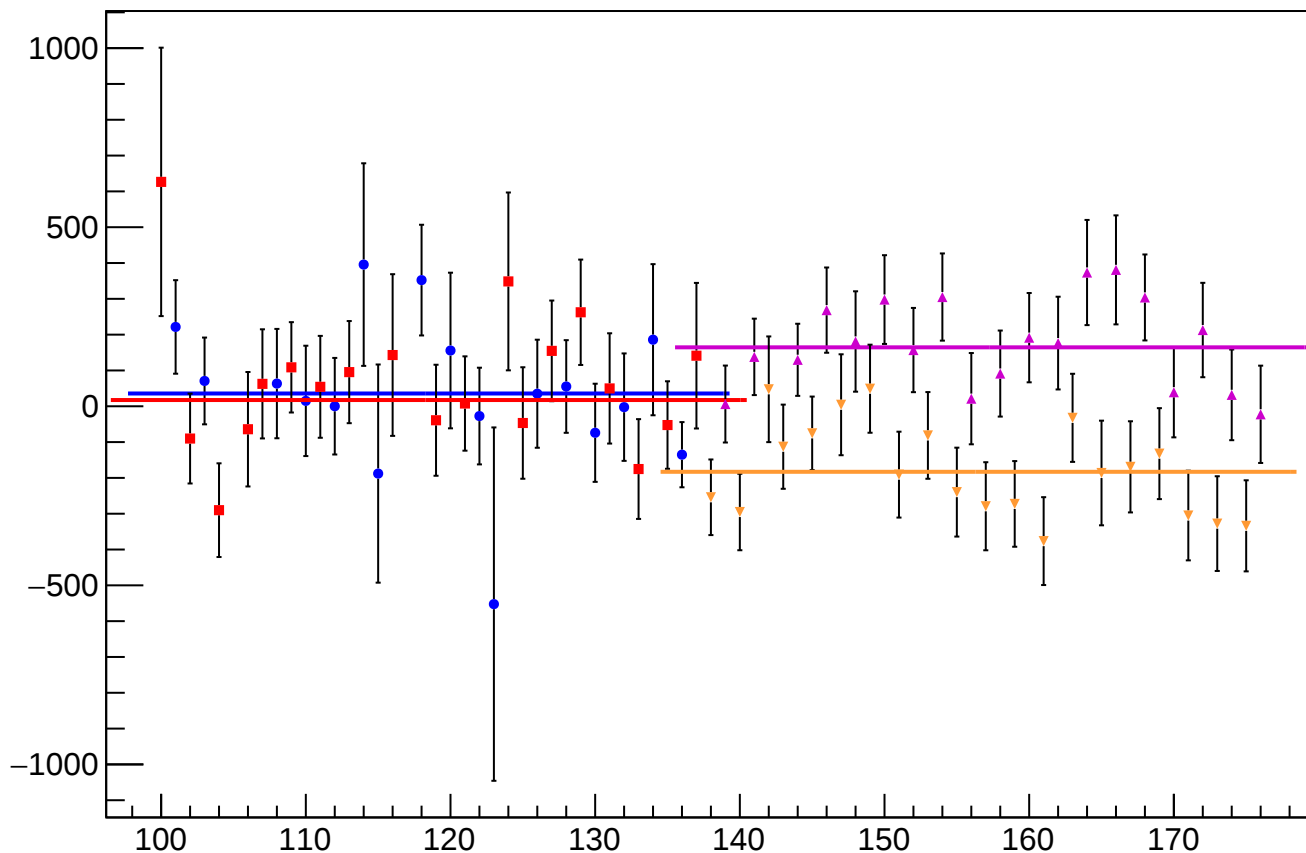
Left In: 1095.687+/-0.204 χ^2/NDF : 612106.2/18

+ sign 1147.993+/-0.179 χ^2/NDF : 2092150.1/36

All: 1138.499+/-0.125 χ^2/NDF : 4159689.1/74

- sign 1129.396+/-0.175 χ^2/NDF : 2062033.3/37

reg_asym_sam_15_dd_mean vs Slug



Right In: 35.679 $\pm$ 36.350 χ^2 /NDF: 15.3/16

Left Out: -182.967 $\pm$ 27.400 χ^2 /NDF:20.6/19

Right Out: 17.418 $\pm$ 34.691 χ^2 /NDF: 18.9/18

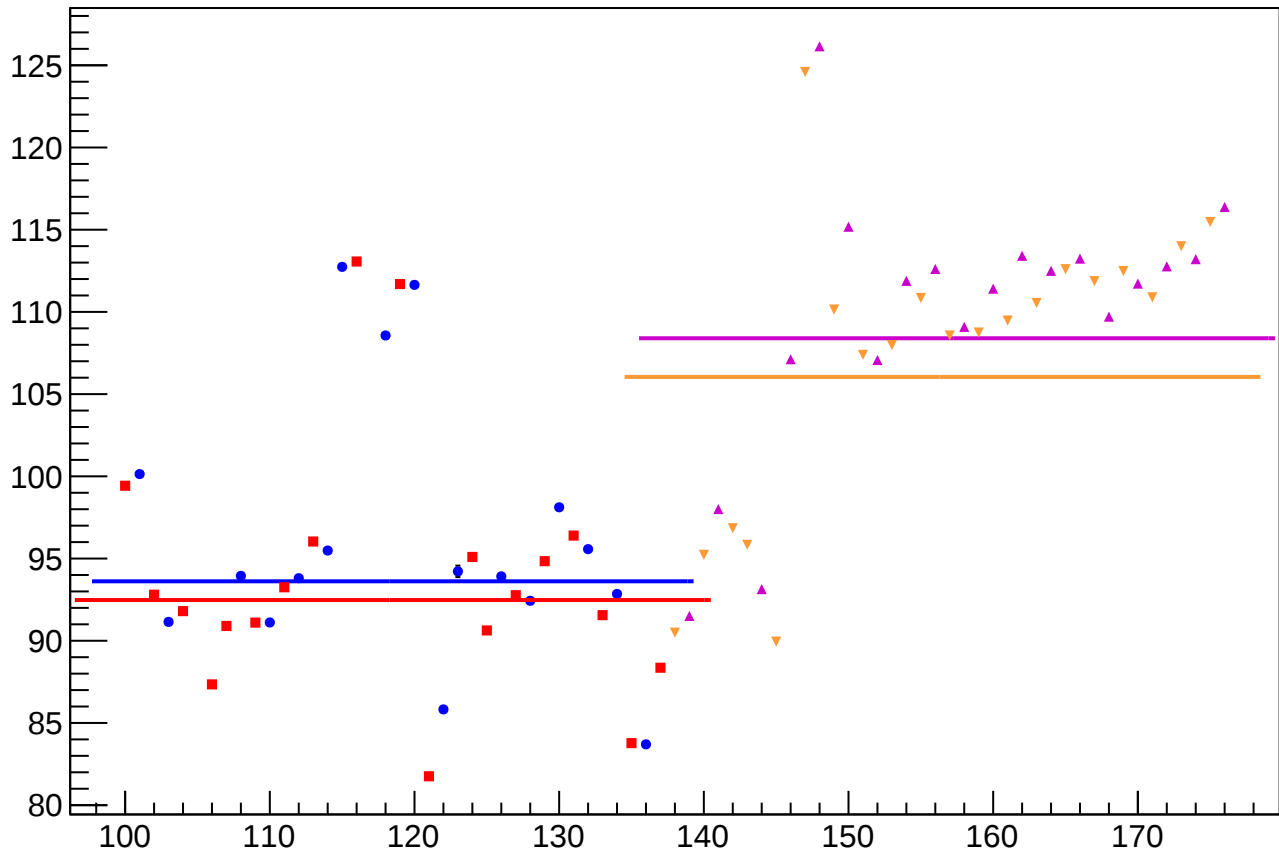
Left In: 164.564 $\pm$ 28.278 χ^2 /NDF:16.8/18

+ sign -103.746 $\pm$ 21.881 χ^2 /NDF: 58.9/36

All: 0.855 $\pm$ 15.485 χ^2 /NDF: 151.3/74

- sign 105.822 $\pm$ 21.919 χ^2 /NDF: 46.6/37

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.616+/-0.026 χ^2/NDF : 79928.5/16

Left Out: 106.047+/-0.019 χ^2/NDF : 217323.7/19

Right Out: 92.477+/-0.025 χ^2/NDF : 78591.0/18

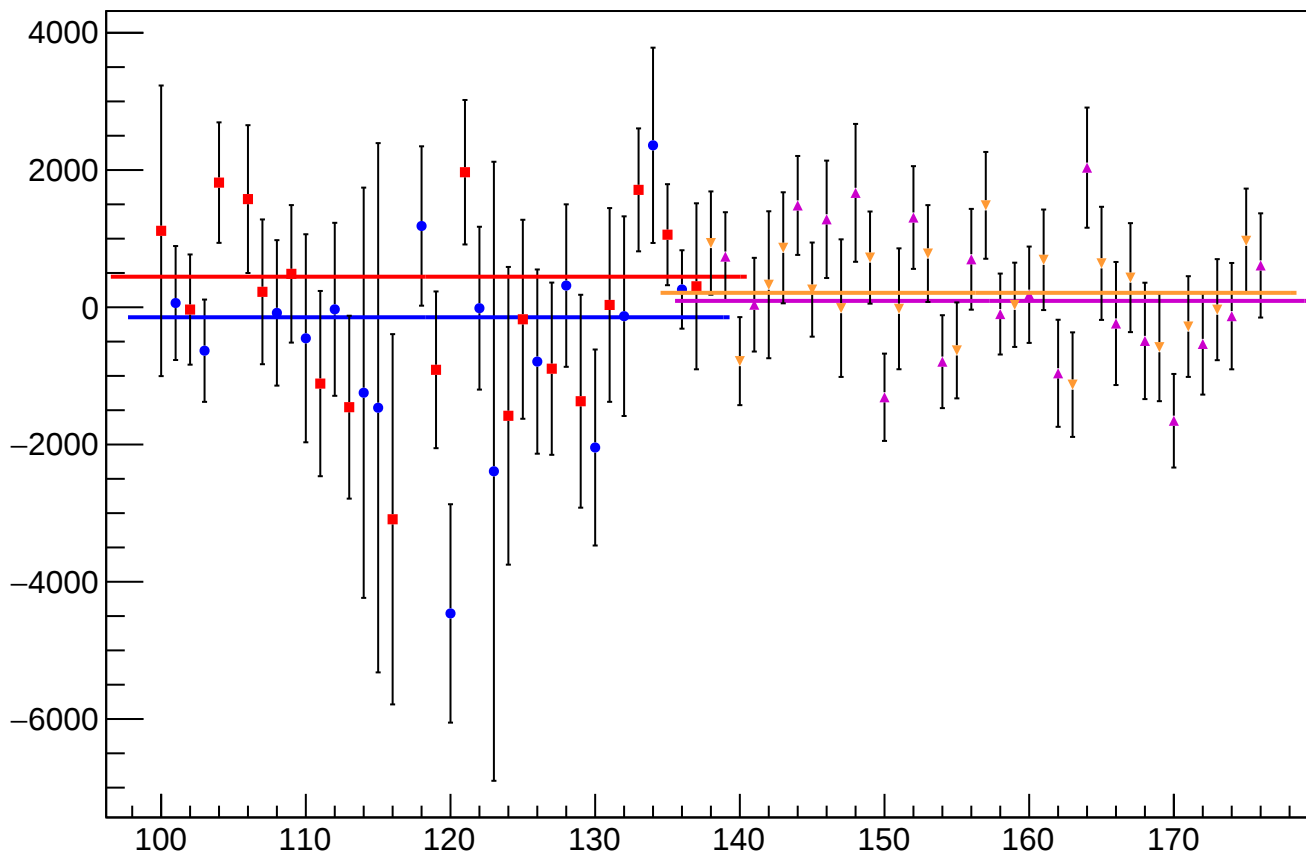
Left In: 108.398+/-0.020 χ^2/NDF : 178190.3/18

+ sign 101.543+/-0.015 χ^2/NDF : 446392.8/36

All: 101.792+/-0.011 χ^2/NDF : 956769.7/74

- sign 102.042+/-0.015 χ^2/NDF : 509856.5/37

asym_sam_15_dd_correction_mean vs Slug



Right In: -145.464 $\pm$ 276.629 χ^2 /NDF: 15.5/16

Left Out: 210.581 $\pm$ 168.382 χ^2 /NDF:16.0/19

Right Out: 445.575 $\pm$ 260.276 χ^2 /NDF: 19.0/18

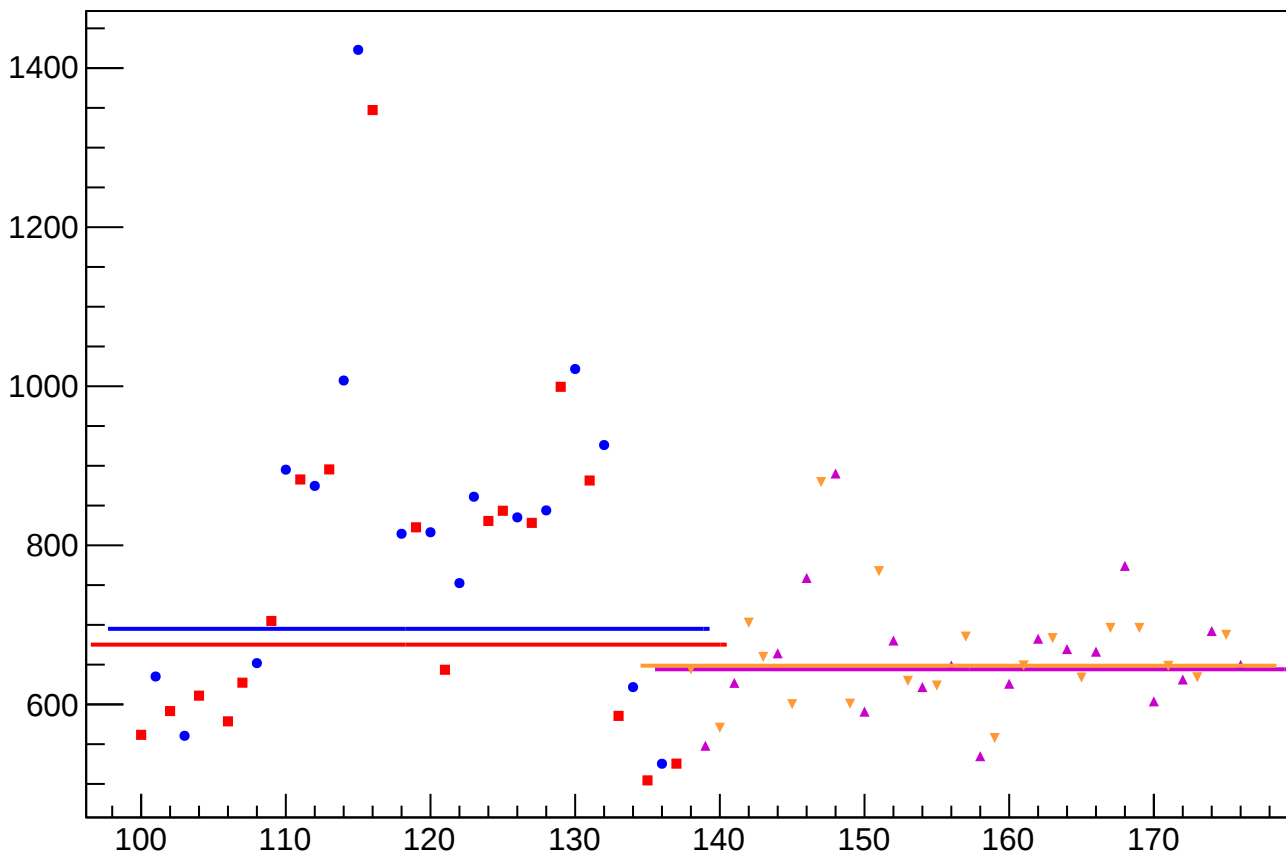
Left In: 93.179 $\pm$ 169.086 χ^2 /NDF:34.3/18

+ sign 114.327 $\pm$ 143.832 χ^2 /NDF: 32.7/36

All: 156.641 $\pm$ 100.975 χ^2 /NDF: 87.4/74

- sign 197.763 $\pm$ 141.792 χ^2 /NDF: 54.6/37

asym_sam_15_dd_correction_rms vs Slug



Right In: 695.014 $\pm$ 0.196 χ^2 /NDF: 677713.0/16

Left Out: 648.664 $\pm$ 0.119 χ^2 /NDF: 275184.7/19

Right Out: 675.151 $\pm$ 0.184 χ^2 /NDF: 676394.1/18

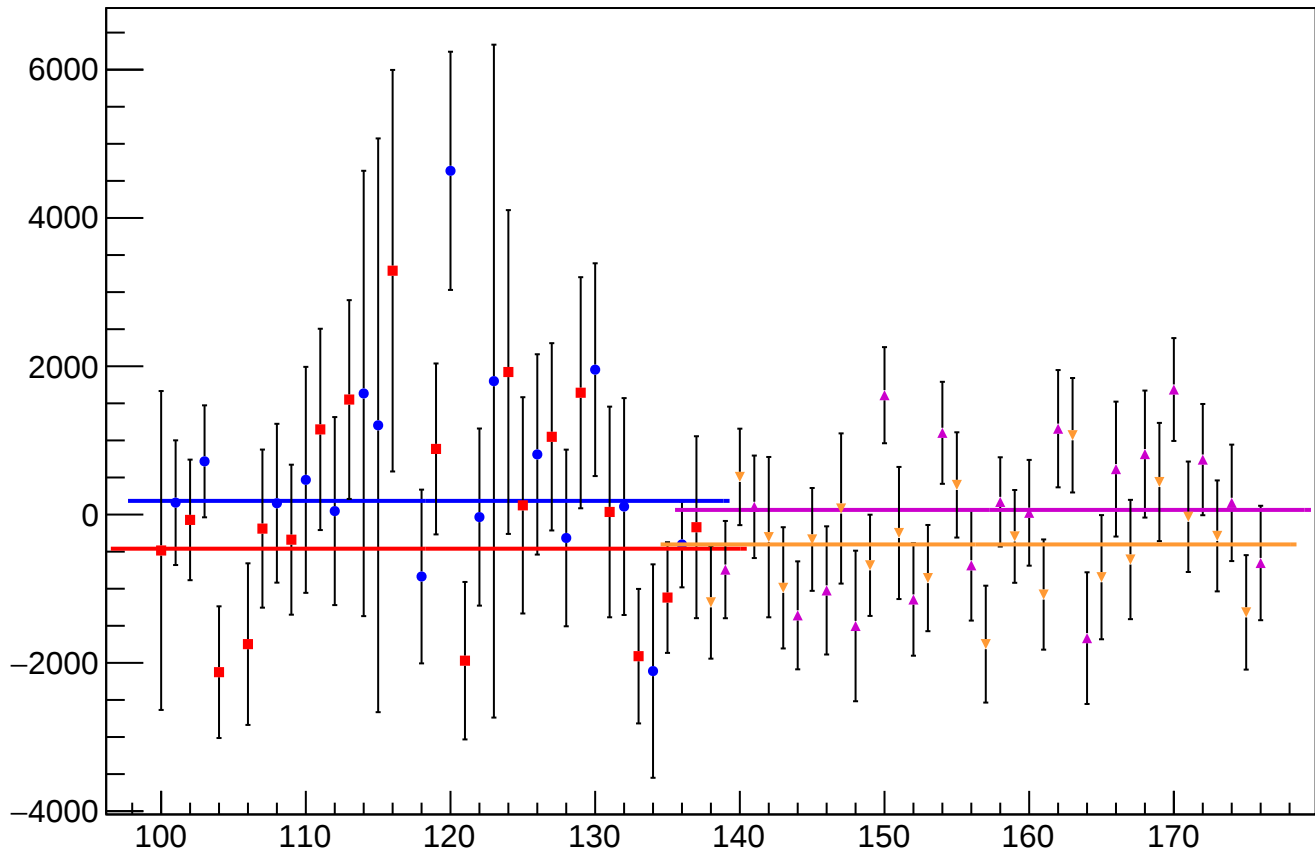
Left In: 644.151 $\pm$ 0.120 χ^2 /NDF: 364195.4/18

+ sign 661.195 $\pm$ 0.102 χ^2 /NDF: 993865.5/36

All: 657.217 $\pm$ 0.071 χ^2 /NDF: 2057422.7/74

- sign 653.351 $\pm$ 0.100 χ^2 /NDF: 1060541.0/37

asym_sam_15_dd_mean vs Slug



Right In: 184.518 ± 279.390 χ^2/NDF : 14.9/16

Left Out: -402.710 ± 170.733 χ^2/NDF : 16.2/19

Right Out: -460.174 ± 262.960 χ^2/NDF : 22.3/18

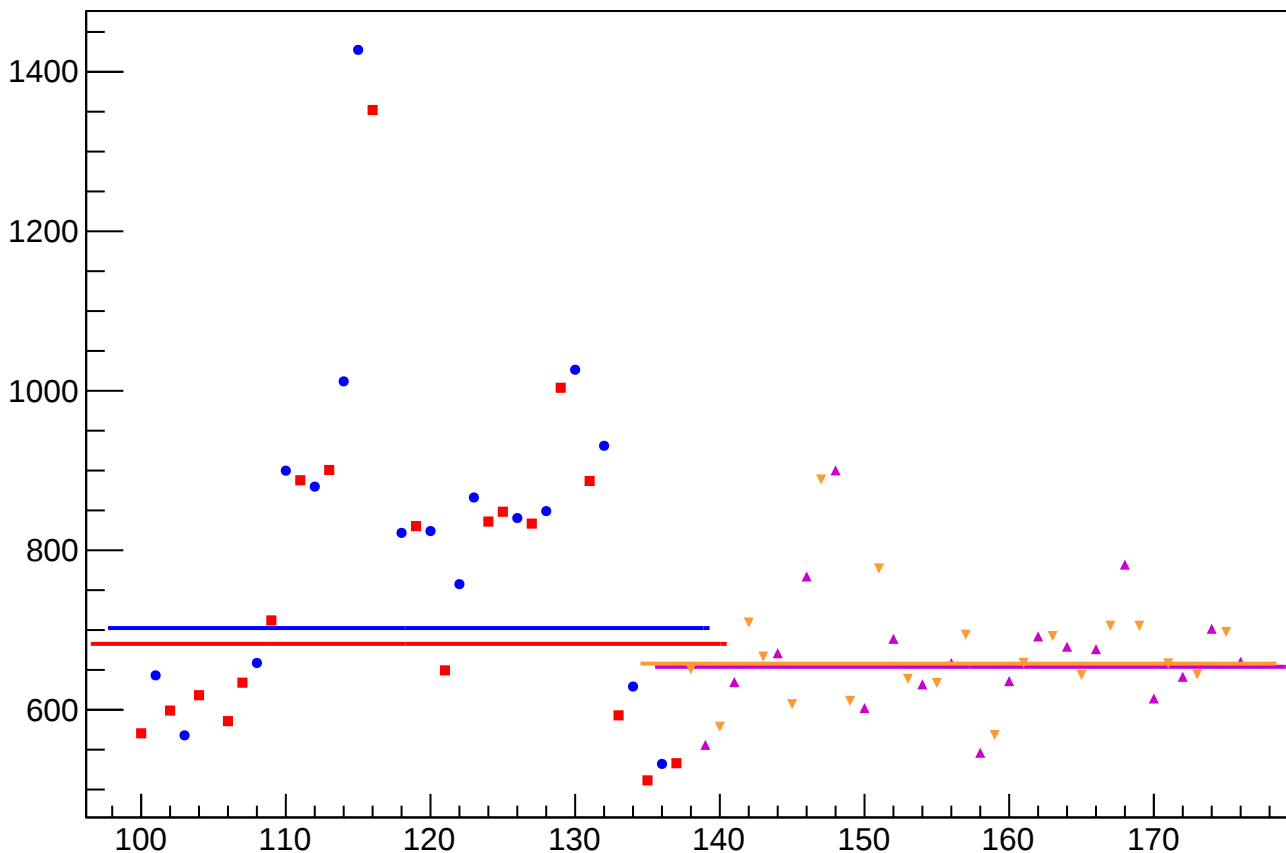
Left In: 62.778 ± 171.585 χ^2/NDF : 34.9/18

+ sign -243.045 ± 145.684 χ^2/NDF : 34.4/36

All: -167.190 ± 102.305 χ^2/NDF : 94.8/74

- sign -93.389 ± 143.699 χ^2/NDF : 59.9/37

asym_sam_15_dd_rms vs Slug



Right In: 702.469+/-0.198 χ^2/NDF : 660525.4/16

Left Out: 657.918+/-0.121 χ^2/NDF :268145.6/19

Right Out: 682.662+/-0.186 χ^2/NDF : 659521.7/18

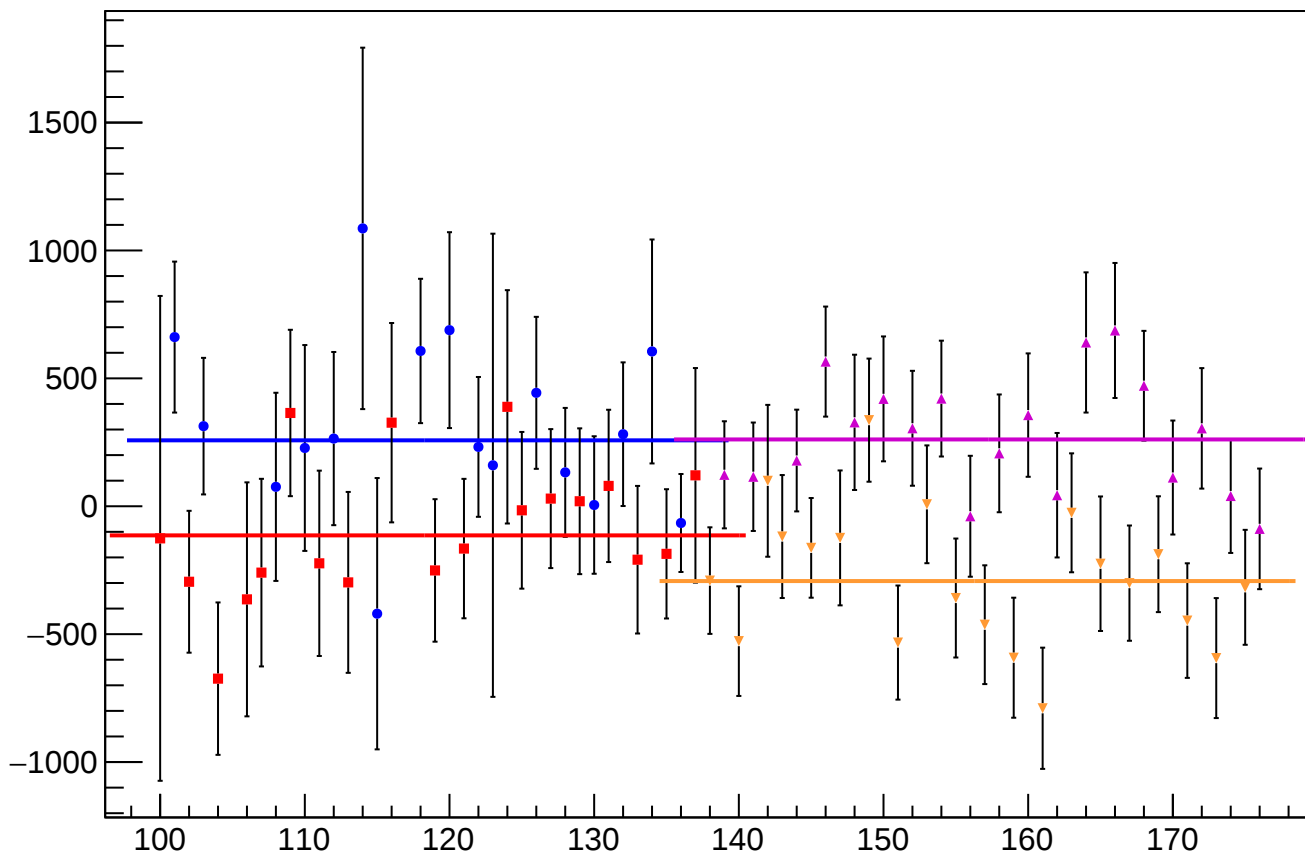
Left In: 653.905+/-0.121 χ^2/NDF :350779.7/18

+ sign 670.031+/-0.103 χ^2/NDF : 965697.4/36

All: 666.210+/-0.072 χ^2/NDF : 1995488.7/74

- sign 662.493+/-0.102 χ^2/NDF : 1027076.8/37

reg_asym_sam_26_dd_mean vs Slug



Right In: 257.721 ± 75.931 χ^2/NDF : 13.0/16

Left Out: -292.445 ± 51.742 χ^2/NDF : 24.4/19

Right Out: -113.851 ± 74.211 χ^2/NDF : 11.2/18

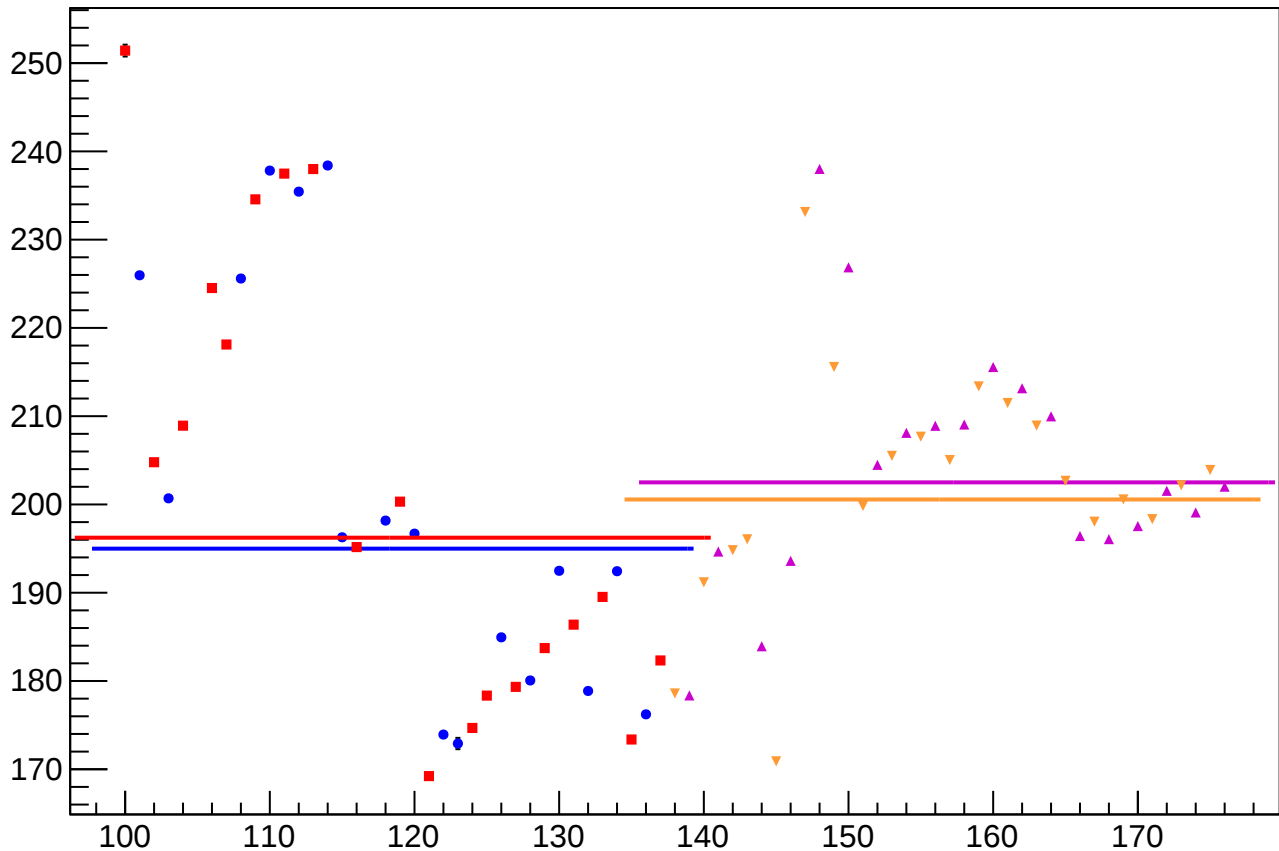
Left In: 261.211 ± 52.782 χ^2/NDF : 15.9/18

+ sign -117.985 ± 42.758 χ^2/NDF : 73.3/36

All: 7.866 ± 30.324 χ^2/NDF : 134.8/74

- sign 135.216 ± 43.012 χ^2/NDF : 44.1/37

reg_asym_sam_26_dd_rms vs Slug



Right In: 194.994 $\pm$ 0.054 χ^2 /NDF: 144271.1/16

Left Out: 200.563 $\pm$ 0.037 χ^2 /NDF:129670.3/19

Right Out: 196.235 $\pm$ 0.052 χ^2 /NDF: 173491.6/18

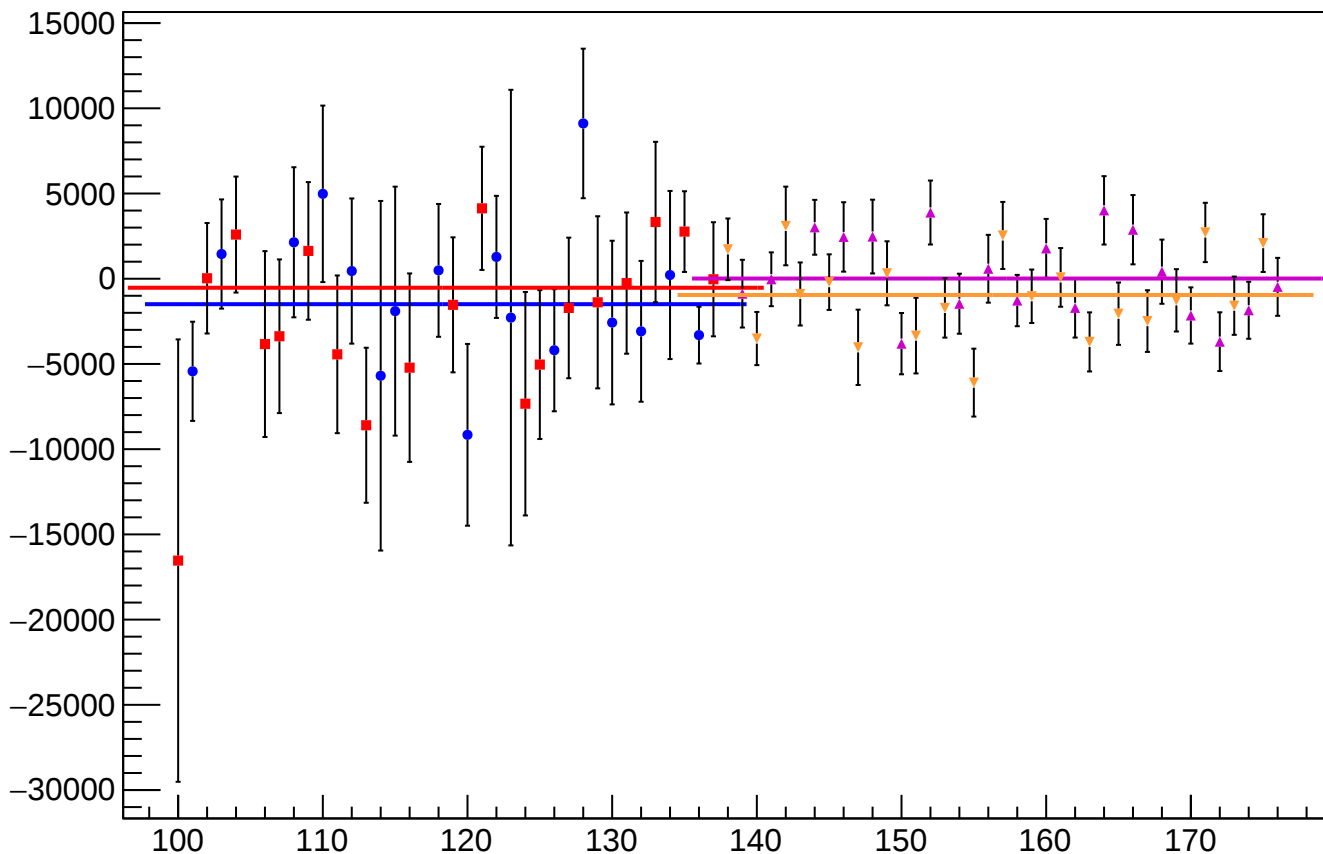
Left In: 202.501 $\pm$ 0.037 χ^2 /NDF:126184.6/18

+ sign 198.797 $\pm$ 0.030 χ^2 /NDF: 281288.5/36

All: 199.592 $\pm$ 0.021 χ^2 /NDF: 591824.6/74

- sign 200.396 $\pm$ 0.030 χ^2 /NDF: 309146.2/37

asym_sam_26_dd_correction_mean vs Slug



Right In: -1493.280 ± 910.834 χ^2/NDF : 16.1/16

Left Out: -953.158 ± 404.699 χ^2/NDF : 33.5/19

Right Out: -528.758 ± 934.718 χ^2/NDF : 14.6/18

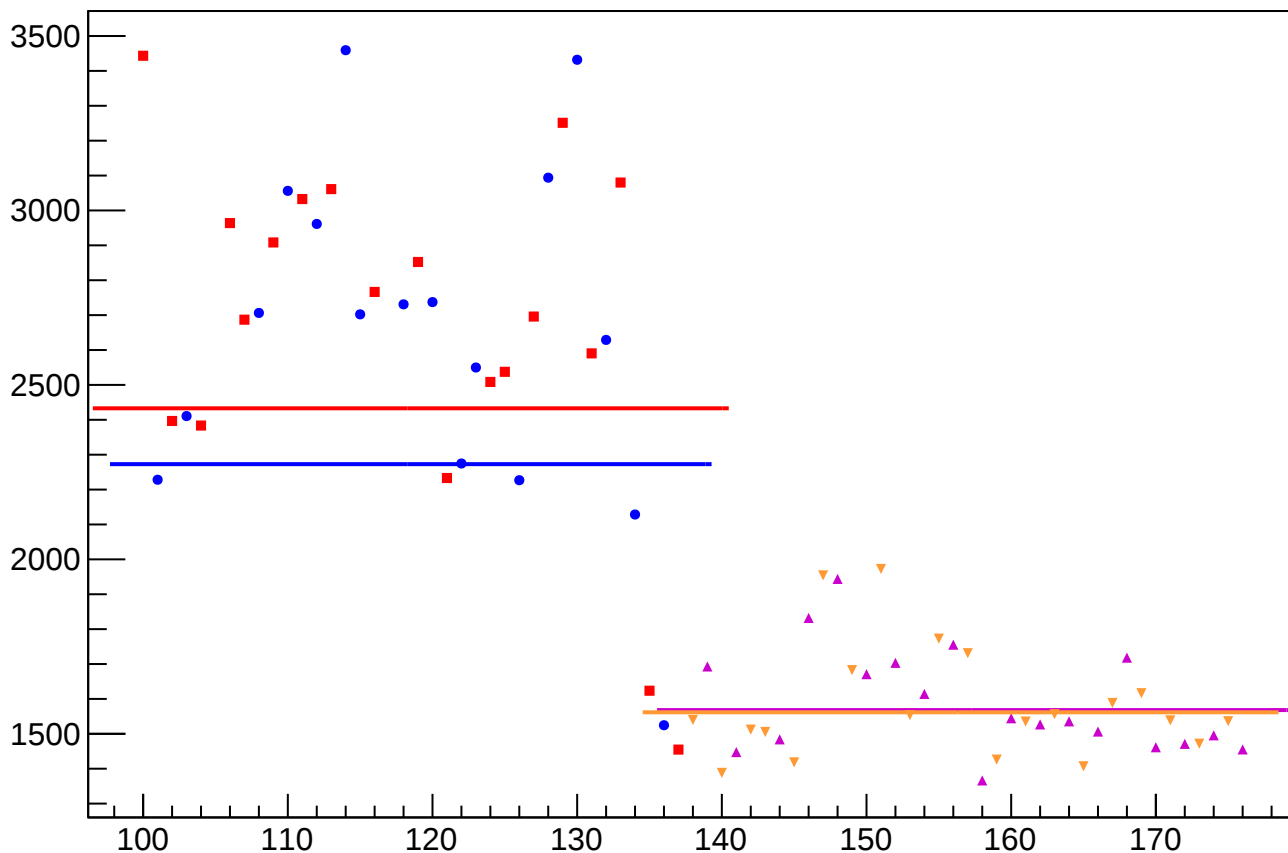
Left In: 11.782 ± 410.041 χ^2/NDF : 32.4/18

+ sign -1042.208 ± 369.836 χ^2/NDF : 50.0/36

All: -566.175 ± 263.493 χ^2/NDF : 100.7/74

- sign -75.452 ± 375.500 χ^2/NDF : 47.3/37

asym_sam_26_dd_correction_rms vs Slug



Right In: 2272.883+/-0.644 χ^2/NDF : 805650.3/16

Left Out: 1561.634+/-0.286 χ^2/NDF : 258958.8/19

Right Out: 2432.950+/-0.661 χ^2/NDF : 680783.9/18

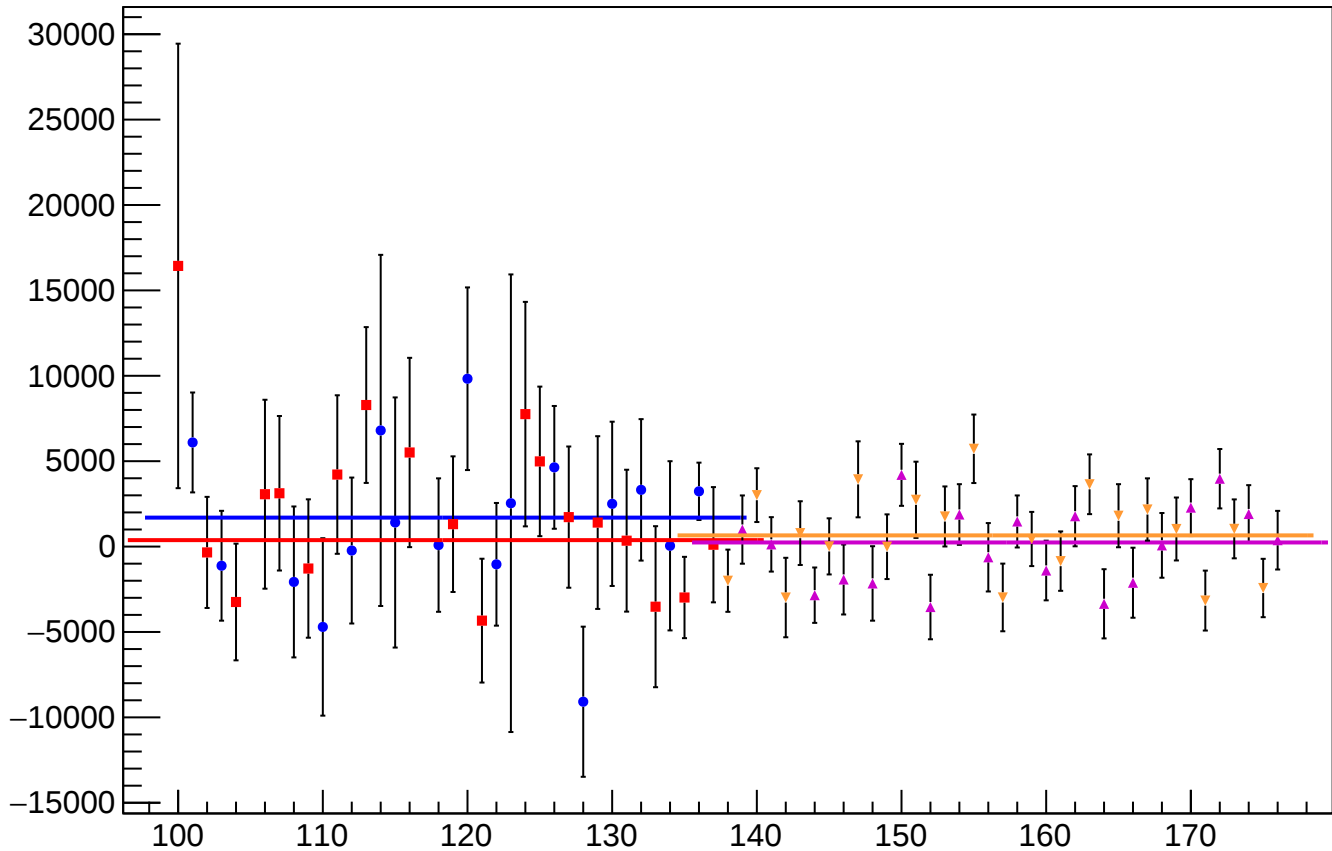
Left In: 1568.047+/-0.290 χ^2/NDF : 234724.6/18

+ sign 1678.898+/-0.262 χ^2/NDF : 2083081.6/36

All: 1693.044+/-0.186 χ^2/NDF : 4440575.5/74

- sign 1707.628+/-0.266 χ^2/NDF : 2351551.0/37

asym_sam_26_dd_mean vs Slug



Right In: 1695.956 $\pm$ 914.855 χ^2 /NDF: 16.6/16

Left Out: 655.638 $\pm$ 408.149 χ^2 /NDF:33.1/19

Right Out: 377.629 $\pm$ 938.528 χ^2 /NDF: 15.0/18

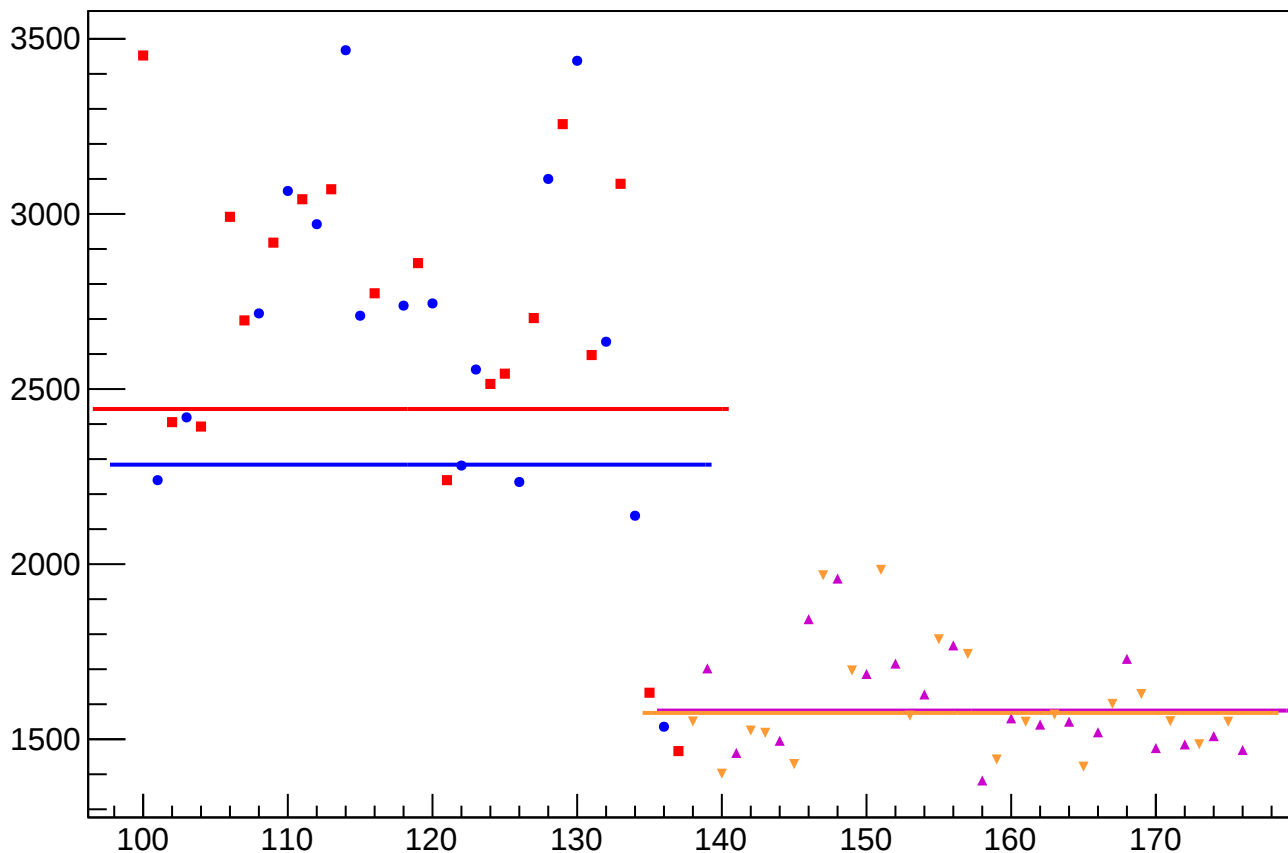
Left In: 240.819 $\pm$ 413.593 χ^2 /NDF:29.8/18

+ sign 828.328 $\pm$ 372.737 χ^2 /NDF: 50.8/36

All: 550.013 $\pm$ 265.569 χ^2 /NDF: 96.7/74

- sign 263.067 $\pm$ 378.472 χ^2 /NDF: 44.7/37

asym_sam_26_dd_rms vs Slug



Right In: 2284.104 $\pm$ 0.647 χ^2 /NDF: 793993.4/16

Left Out: 1575.189 $\pm$ 0.289 χ^2 /NDF: 253992.5/19

Right Out: 2443.124 $\pm$ 0.664 χ^2 /NDF: 672899.9/18

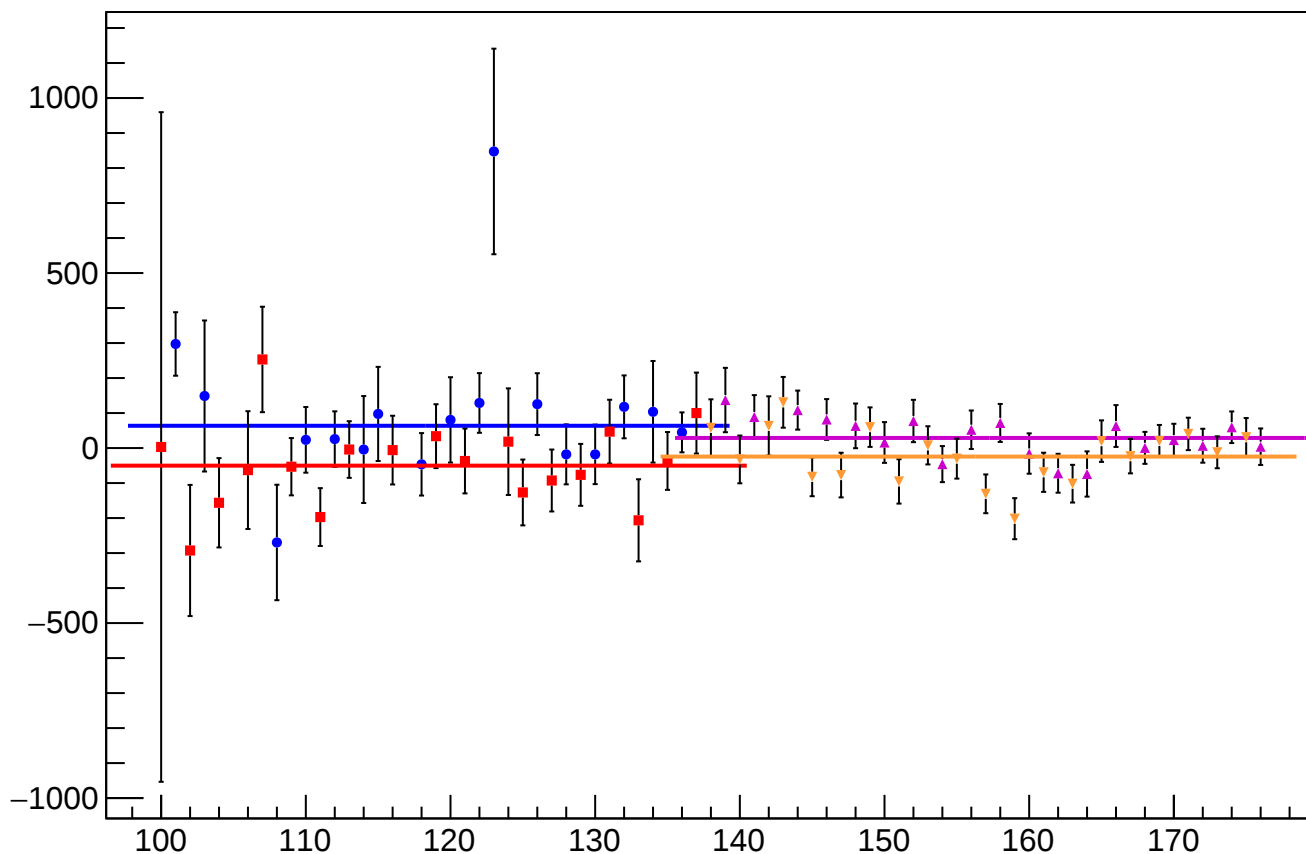
Left In: 1581.869 $\pm$ 0.292 χ^2 /NDF: 228957.4/18

+ sign 1692.867 $\pm$ 0.264 χ^2 /NDF: 2049553.5/36

All: 1707.175 $\pm$ 0.188 χ^2 /NDF: 4367727.8/74

- sign 1721.926 $\pm$ 0.268 χ^2 /NDF: 2312188.9/37

reg_asym_sam_37_dd_mean vs Slug



Right In: 63.666 ± 23.743 χ^2/NDF : 23.7/16

Left Out: -24.340 ± 12.685 χ^2/NDF : 32.4/19

Right Out: -50.278 ± 23.661 χ^2/NDF : 16.8/18

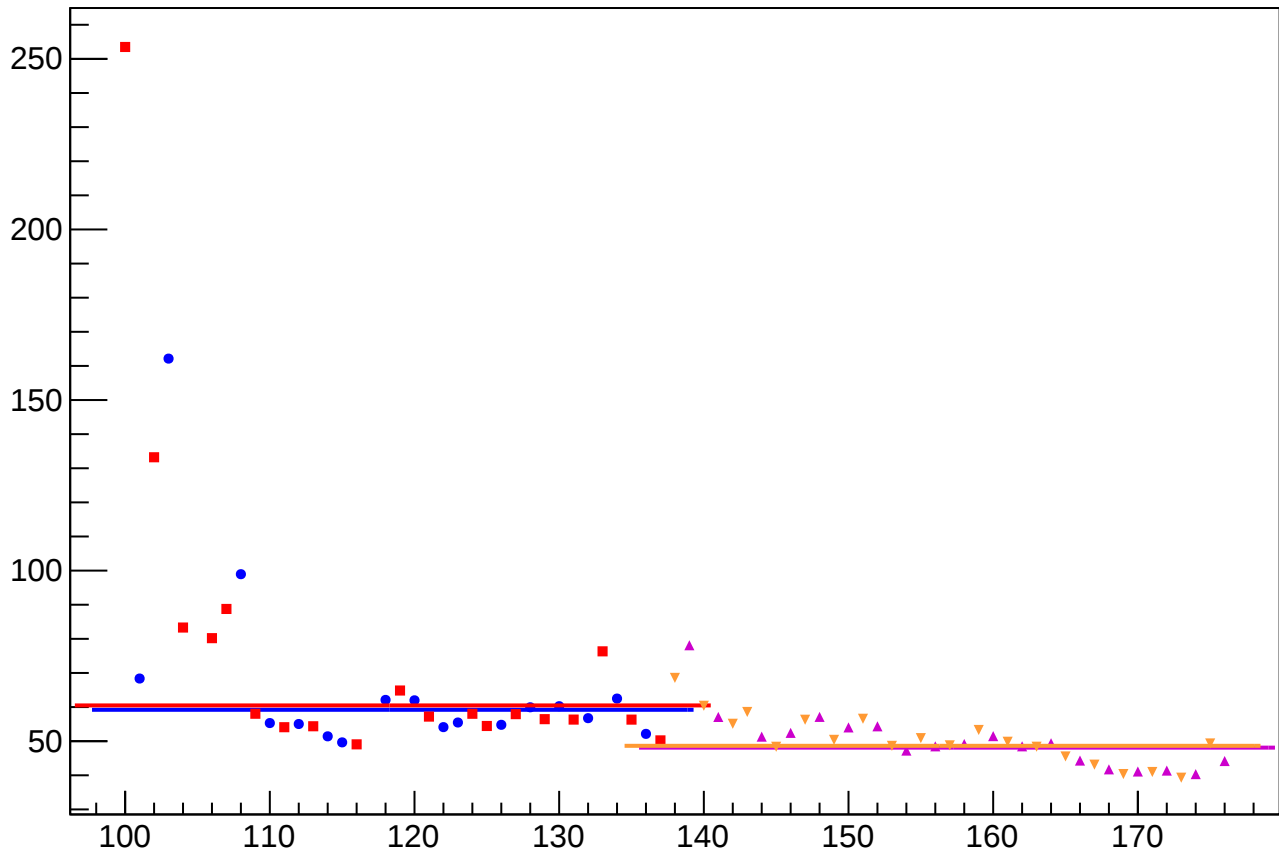
Left In: 28.901 ± 12.675 χ^2/NDF : 17.1/18

+ sign -4.797 ± 11.188 χ^2/NDF : 66.8/36

All: 3.235 ± 7.906 χ^2/NDF : 110.4/74

- sign 11.245 ± 11.173 χ^2/NDF : 42.6/37

reg_asym_sam_37_dd_rms vs Slug



Right In: 59.200 $\pm$ 0.017 χ^2 /NDF: 665472.4/16

Left Out: 48.643 $\pm$ 0.009 χ^2 /NDF: 542318.1/19

Right Out: 60.483 $\pm$ 0.017 χ^2 /NDF: 680059.5/18

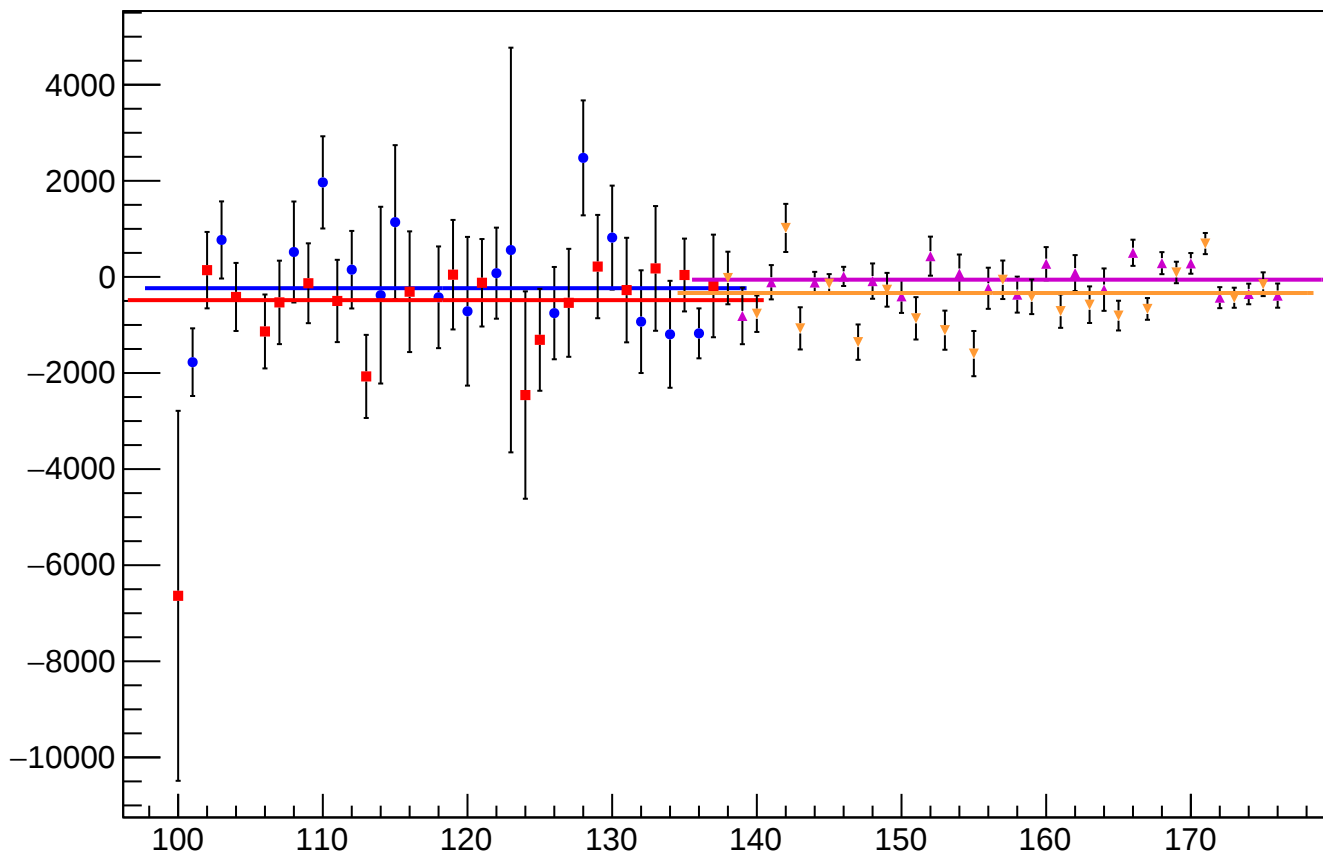
Left In: 48.108 $\pm$ 0.009 χ^2 /NDF: 564853.0/18

+ sign 50.987 $\pm$ 0.008 χ^2 /NDF: 1515425.6/36

All: 50.927 $\pm$ 0.006 χ^2 /NDF: 3185551.2/74

- sign 50.868 $\pm$ 0.008 χ^2 /NDF: 1670010.6/37

asym_sam_37_dd_correction_mean vs Slug



Right In: -234.492 ± 233.880 χ^2/NDF : 24.2/16

Left Out: -334.853 ± 68.176 χ^2/NDF : 65.5/19

Right Out: -483.305 ± 222.314 χ^2/NDF : 10.6/18

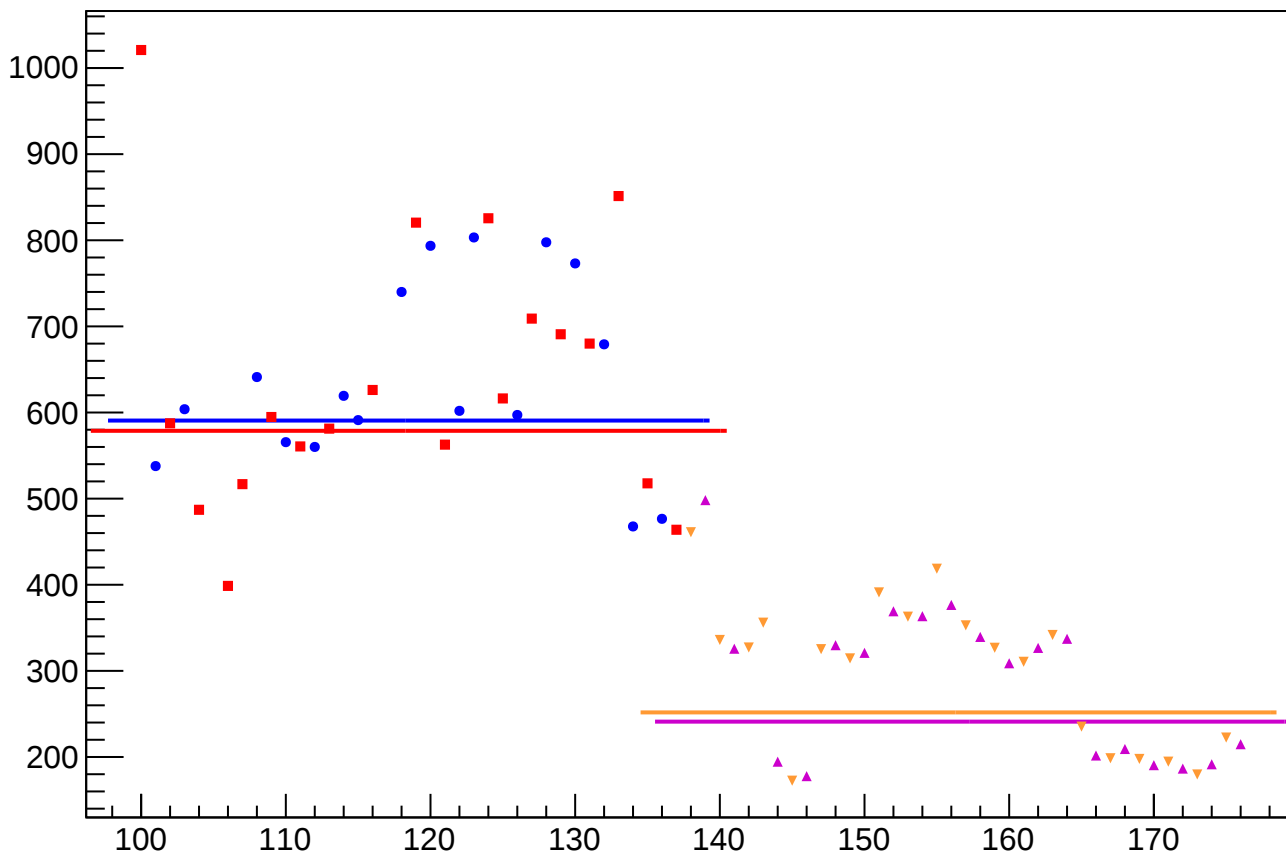
Left In: -57.495 ± 65.889 χ^2/NDF : 22.1/18

+ sign -326.993 ± 65.452 χ^2/NDF : 89.9/36

All: -205.270 ± 45.454 χ^2/NDF : 132.6/74

- sign -91.878 ± 63.173 χ^2/NDF : 36.0/37

asym_sam_37_dd_correction_rms vs Slug



Right In: 590.659 $\pm$ 0.165 χ^2 /NDF: 352080.1/16

Left Out: 251.774 $\pm$ 0.048 χ^2 /NDF: 2629698.3/19

Right Out: 578.753 $\pm$ 0.157 χ^2 /NDF: 493962.7/18

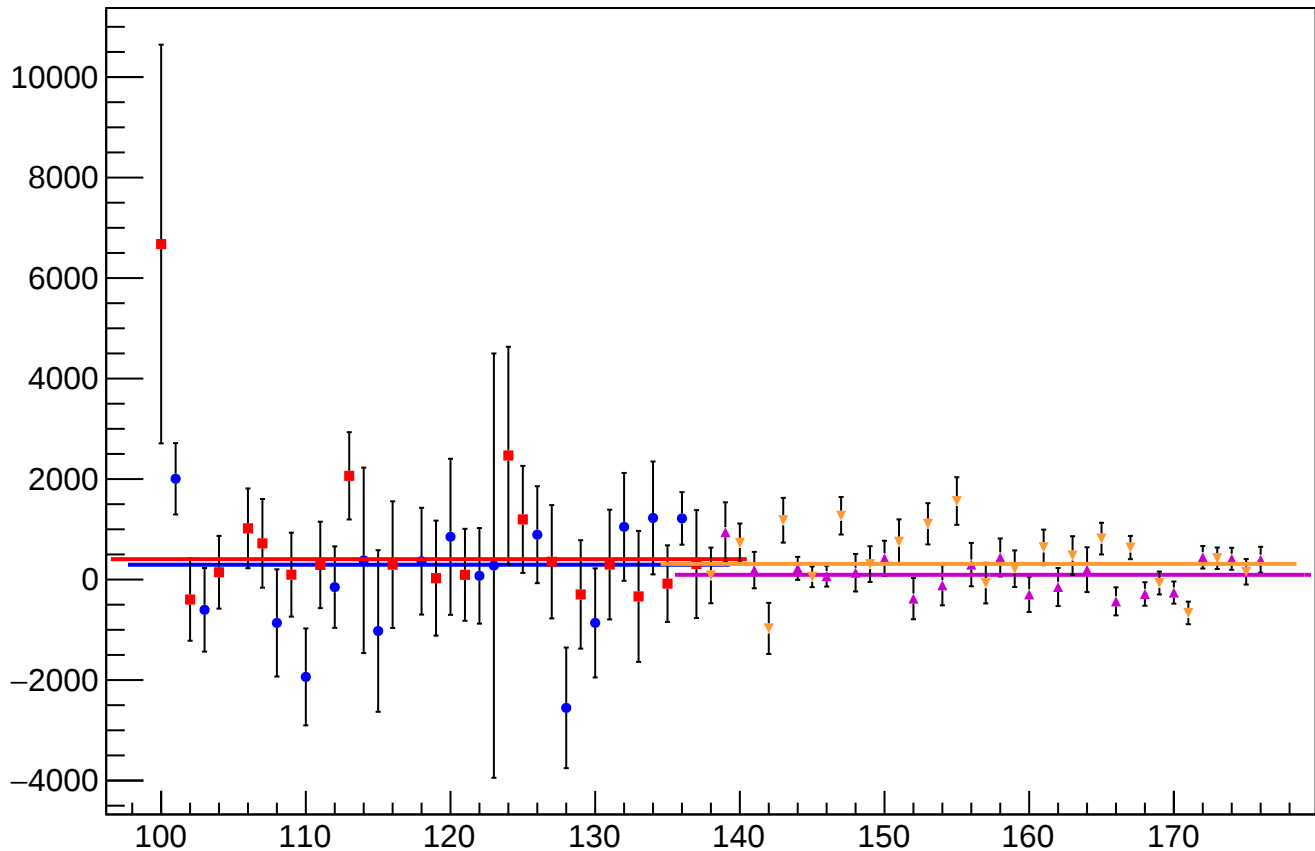
Left In: 241.050 $\pm$ 0.047 χ^2 /NDF: 2455266.8/18

+ sign 278.315 $\pm$ 0.046 χ^2 /NDF: 6851950.1/36

All: 273.140 $\pm$ 0.032 χ^2 /NDF: 14067623.4/74

- sign 268.319 $\pm$ 0.045 χ^2 /NDF: 7191523.0/37

asym_sam_37_dd_mean vs Slug



Right In: 295.401 $\pm$ 235.860 χ^2 /NDF: 26.1/16

Left Out: 311.924 $\pm$ 69.591 χ^2 /NDF:60.2/19

Right Out: 406.158 $\pm$ 224.855 χ^2 /NDF: 11.0/18

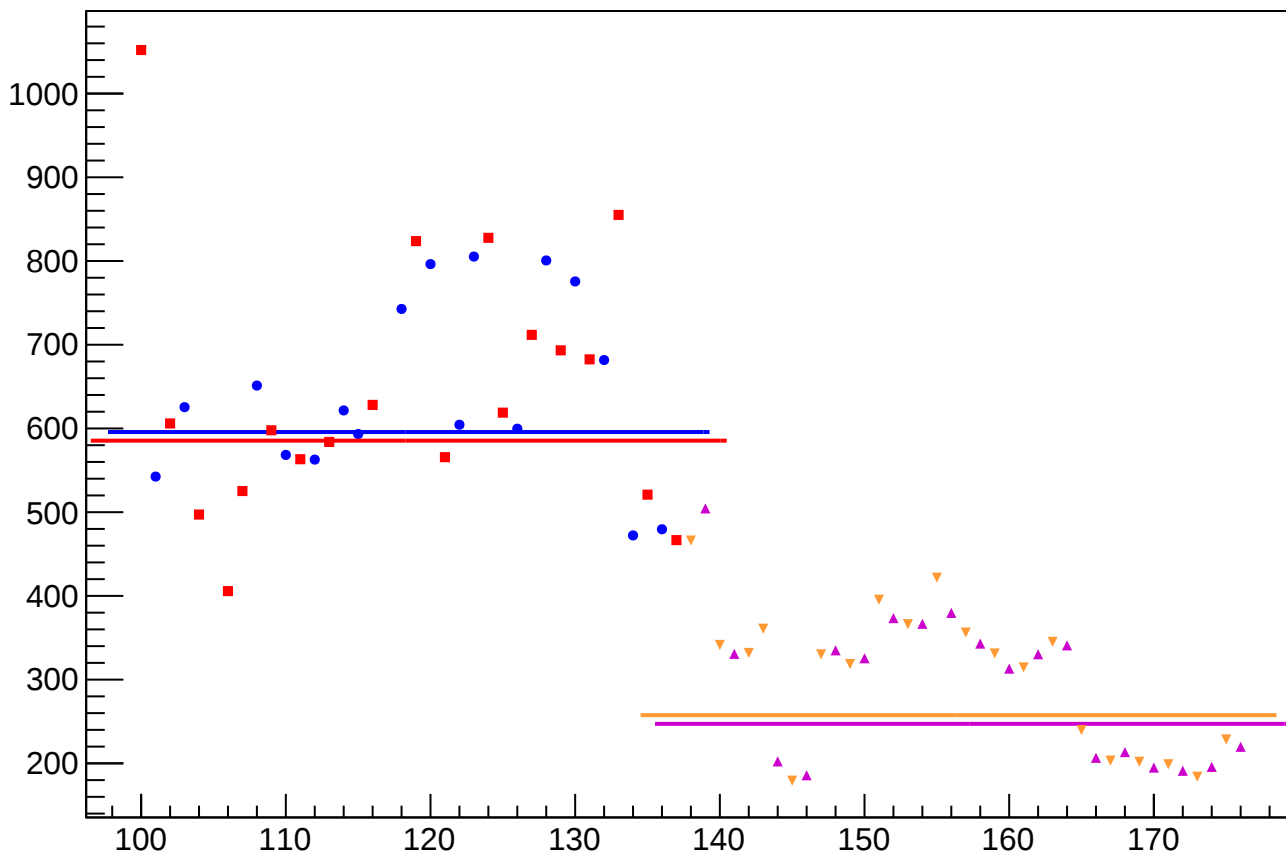
Left In: 94.702 $\pm$ 67.397 χ^2 /NDF:22.3/18

+ sign 310.600 $\pm$ 66.747 χ^2 /NDF: 86.3/36

All: 212.321 $\pm$ 46.404 χ^2 /NDF: 125.6/74

- sign 120.377 $\pm$ 64.559 χ^2 /NDF: 35.1/37

asym_sam_37_dd_rms vs Slug



Right In: 595.734 $\pm$ 0.167 χ^2 /NDF: 350058.2/16

Left Out: 257.573 $\pm$ 0.049 χ^2 /NDF:2514565.8/19

Right Out: 585.421 $\pm$ 0.159 χ^2 /NDF: 474472.3/18

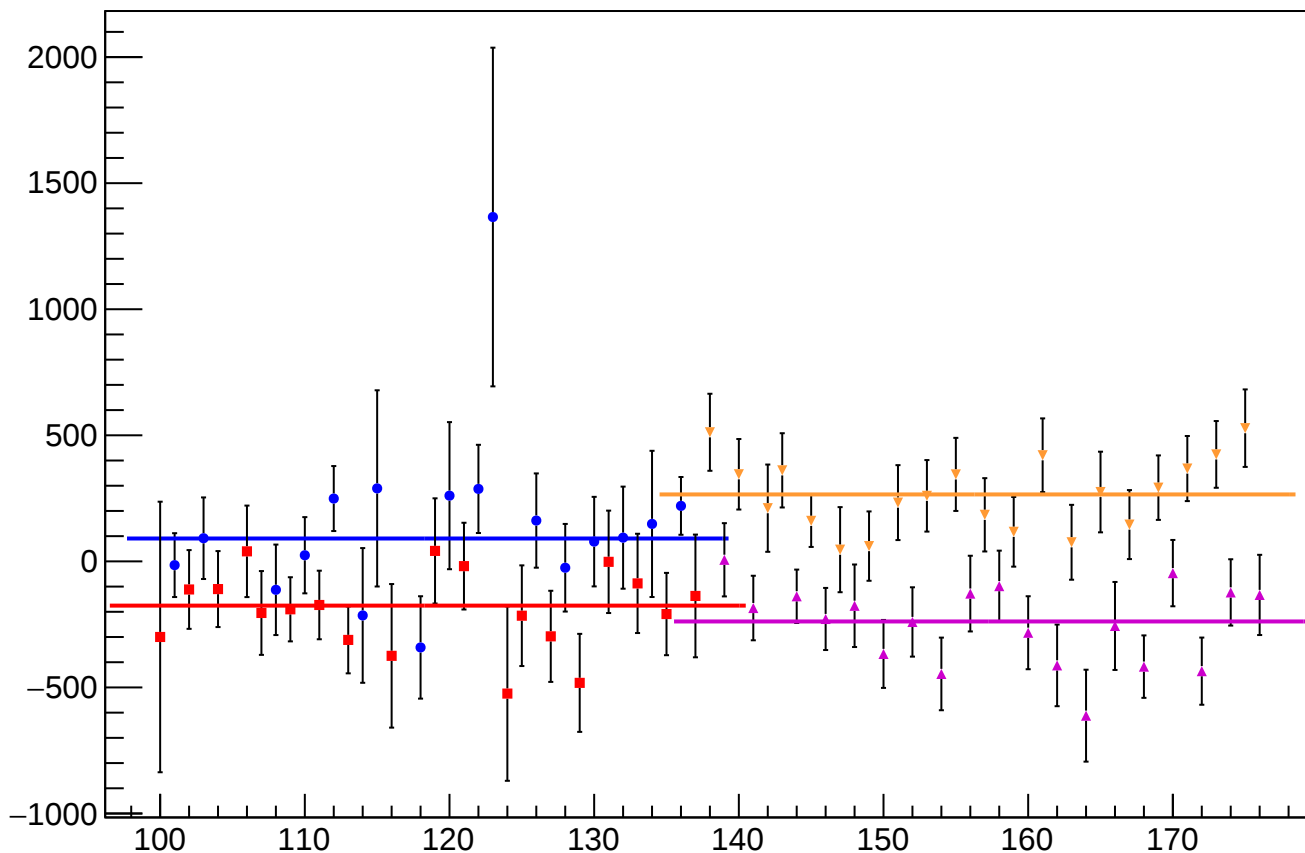
Left In: 247.198 $\pm$ 0.048 χ^2 /NDF:2334132.2/18

+ sign 284.655 $\pm$ 0.047 χ^2 /NDF: 6646556.3/36

All: 279.707 $\pm$ 0.033 χ^2 /NDF: 13628555.5/74

- sign 275.079 $\pm$ 0.046 χ^2 /NDF: 6960733.6/37

reg_asym_sam_48_dd_mean vs Slug



Right In: 90.711 ± 43.312 χ^2/NDF : 16.9/16

Left Out: 265.498 ± 31.585 χ^2/NDF : 18.8/19

Right Out: -175.485 ± 41.101 χ^2/NDF : 10.3/18

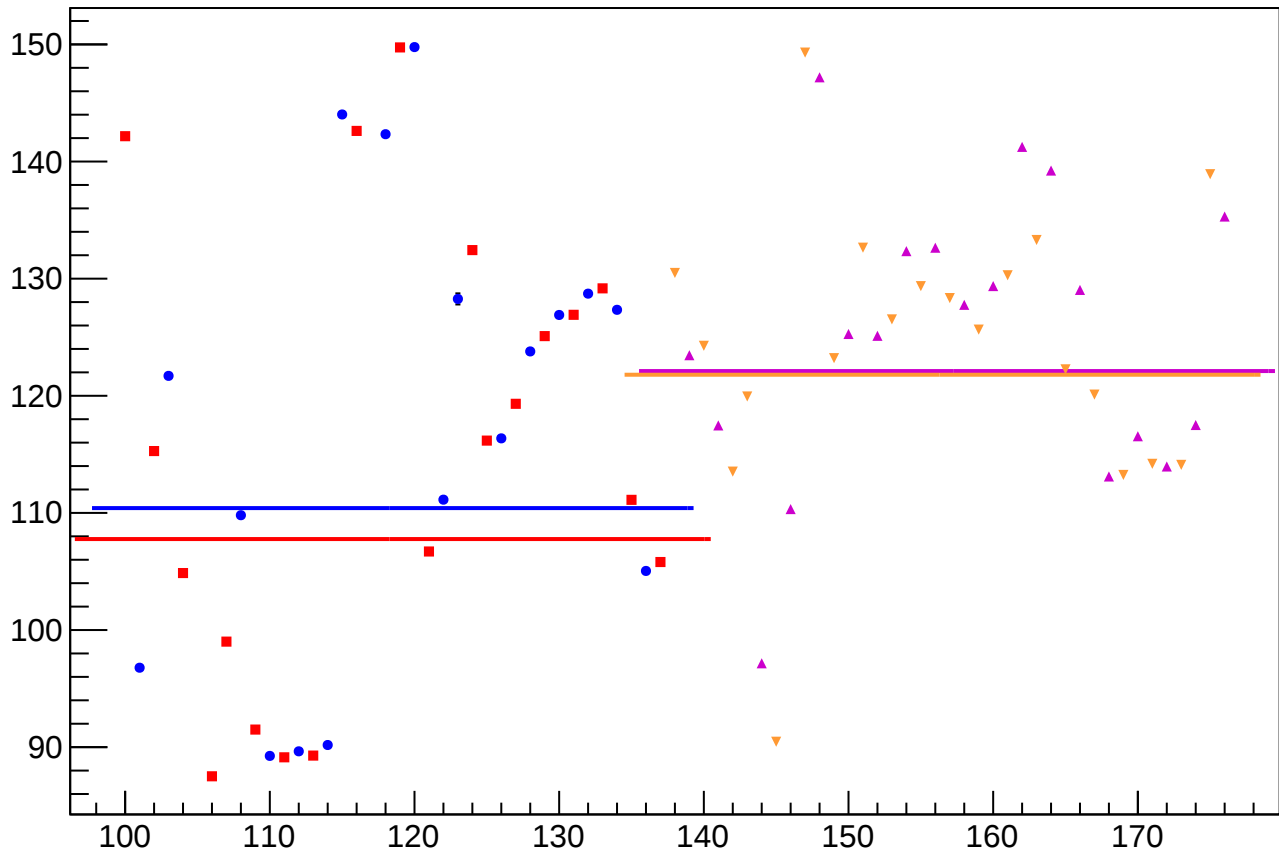
Left In: -238.342 ± 31.985 χ^2/NDF : 21.7/18

+ sign 204.818 ± 25.520 χ^2/NDF : 46.3/36

All: -7.205 ± 17.946 χ^2/NDF : 216.3/74

- sign -214.633 ± 25.242 χ^2/NDF : 33.4/37

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.411 $\pm$ 0.031 χ^2 /NDF: 296425.4/16

Left Out: 121.798 $\pm$ 0.022 χ^2 /NDF: 339282.2/19

Right Out: 107.768 $\pm$ 0.029 χ^2 /NDF: 344441.4/18

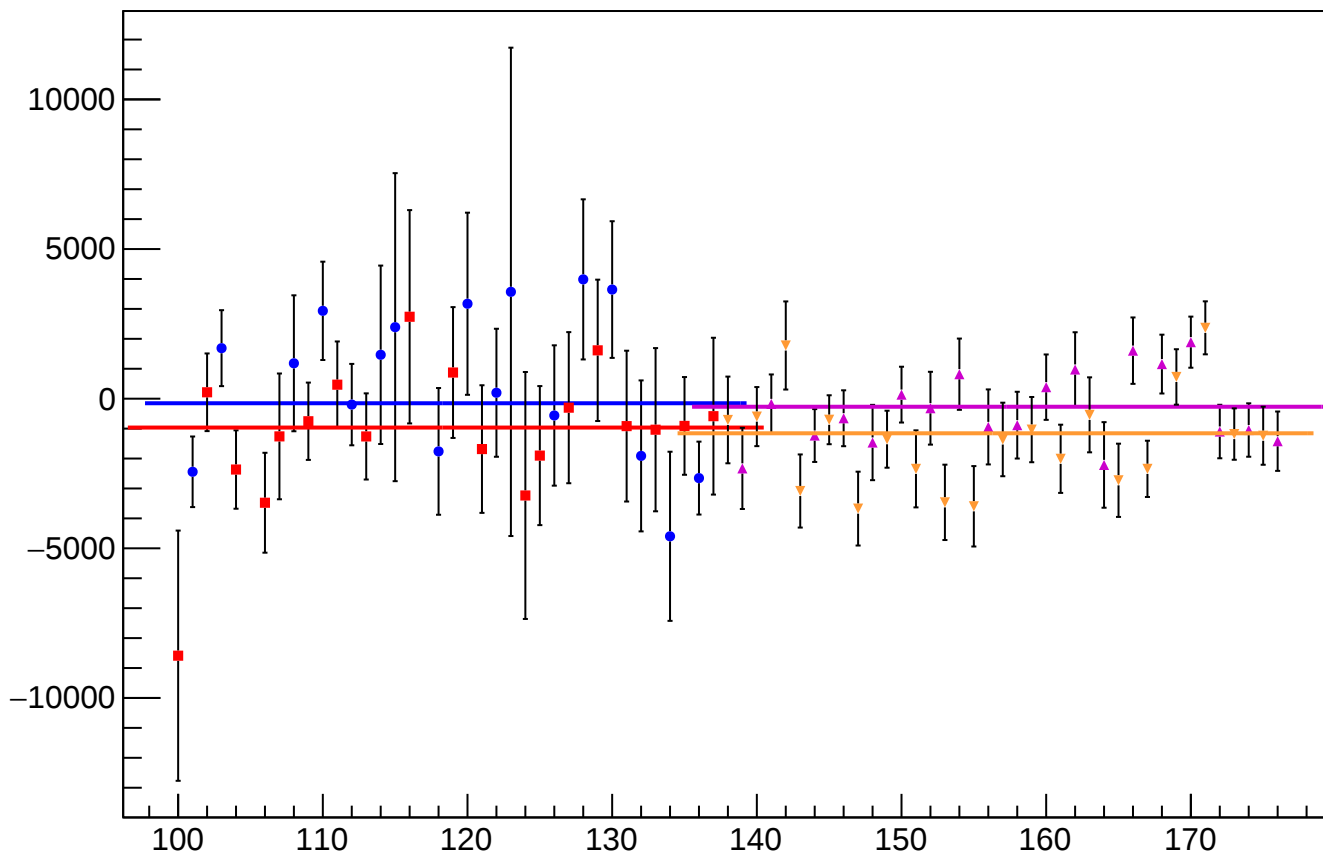
Left In: 122.112 $\pm$ 0.023 χ^2 /NDF: 296028.9/18

+ sign 117.845 $\pm$ 0.018 χ^2 /NDF: 725946.8/36

All: 117.267 $\pm$ 0.013 χ^2 /NDF: 1520162.6/74

- sign 116.702 $\pm$ 0.018 χ^2 /NDF: 792186.6/37

asym_sam_48_dd_correction_mean vs Slug



Right In: -152.403 ± 464.753 χ^2/NDF : 24.7/16

Left Out: -1156.041 ± 240.772 χ^2/NDF : 43.0/19

Right Out: -964.716 ± 435.111 χ^2/NDF : 12.3/18

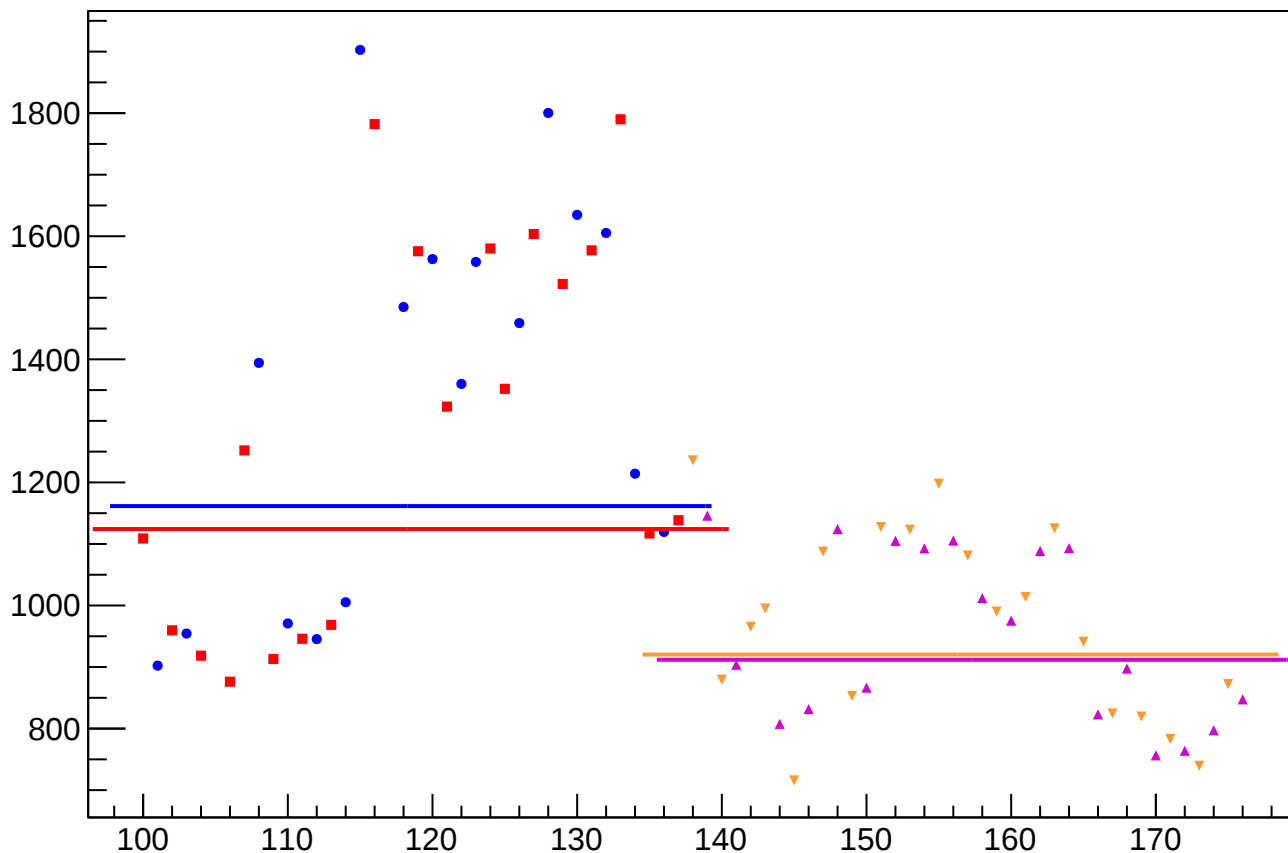
Left In: -269.322 ± 240.254 χ^2/NDF : 23.7/18

+ sign -943.671 ± 213.786 χ^2/NDF : 71.3/36

All: -683.554 ± 149.930 χ^2/NDF : 112.2/74

- sign -431.801 ± 210.321 χ^2/NDF : 38.0/37

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.530 $\pm$ 0.329 χ^2 /NDF: 695906.9/16

Left Out: 920.330 $\pm$ 0.170 χ^2 /NDF: 764932.2/19

Right Out: 1124.235 $\pm$ 0.308 χ^2 /NDF: 767790.0/18

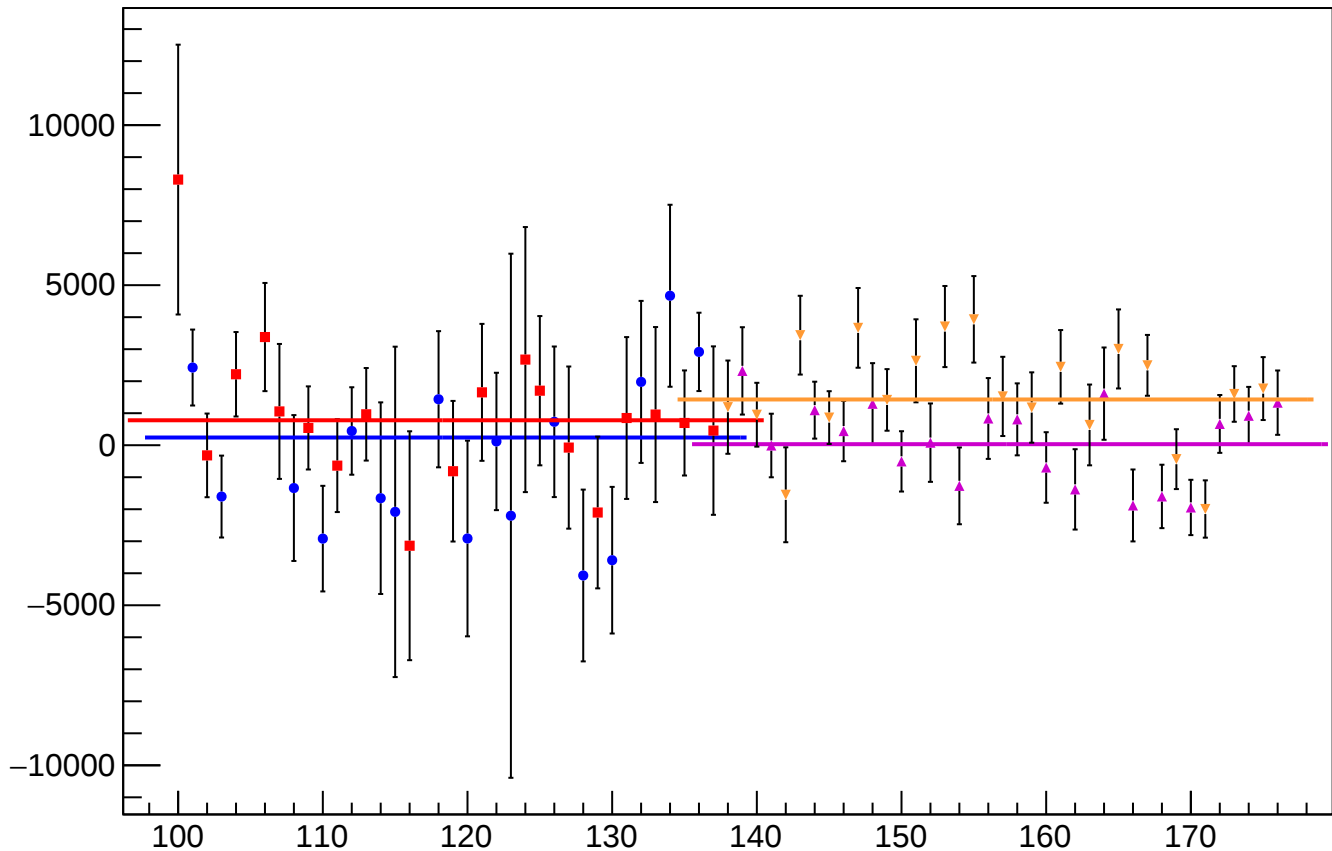
Left In: 911.798 $\pm$ 0.170 χ^2 /NDF: 579230.3/18

+ sign 971.368 $\pm$ 0.151 χ^2 /NDF: 1885545.3/36

All: 966.320 $\pm$ 0.106 χ^2 /NDF: 3600114.0/74

- sign 961.434 $\pm$ 0.149 χ^2 /NDF: 1712374.3/37

asym_sam_48_dd_mean vs Slug



Right In: 240.732 $\pm$ 467.036 χ^2 /NDF: 24.8/16

Left Out: 1429.173 $\pm$ 242.985 χ^2 /NDF:41.1/19

Right Out: 779.192 $\pm$ 437.487 χ^2 /NDF: 12.3/18

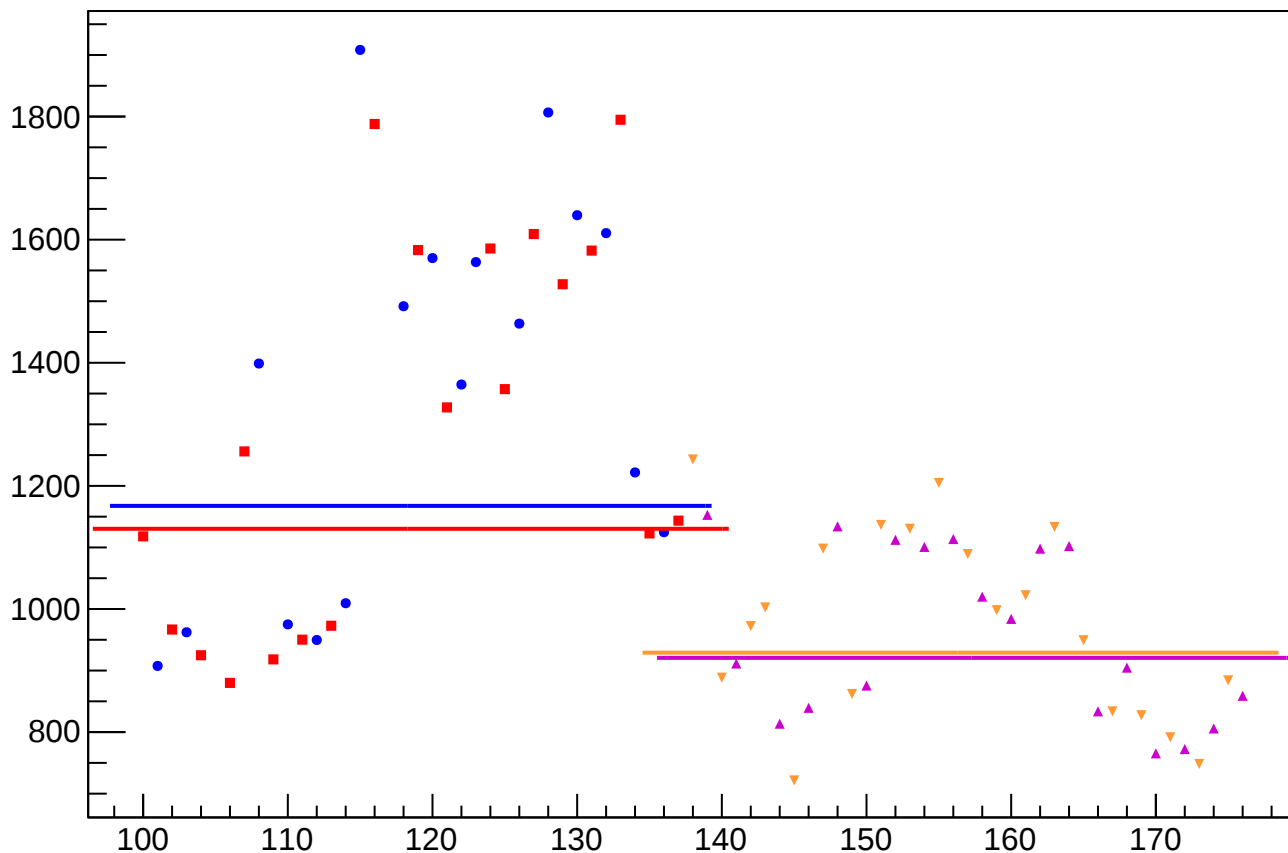
Left In: 32.436 $\pm$ 242.515 χ^2 /NDF:24.7/18

+ sign 1176.011 $\pm$ 215.556 χ^2 /NDF: 71.0/36

All: 684.179 $\pm$ 151.187 χ^2 /NDF: 120.5/74

- sign 207.967 $\pm$ 212.106 χ^2 /NDF: 39.3/37

asym_sam_48_dd_rms vs Slug



Right In: 1167.539 $\pm$ 0.330 χ^2 /NDF: 690485.6/16

Left Out: 929.055 $\pm$ 0.172 χ^2 /NDF: 752711.9/19

Right Out: 1130.301 $\pm$ 0.309 χ^2 /NDF: 761503.6/18

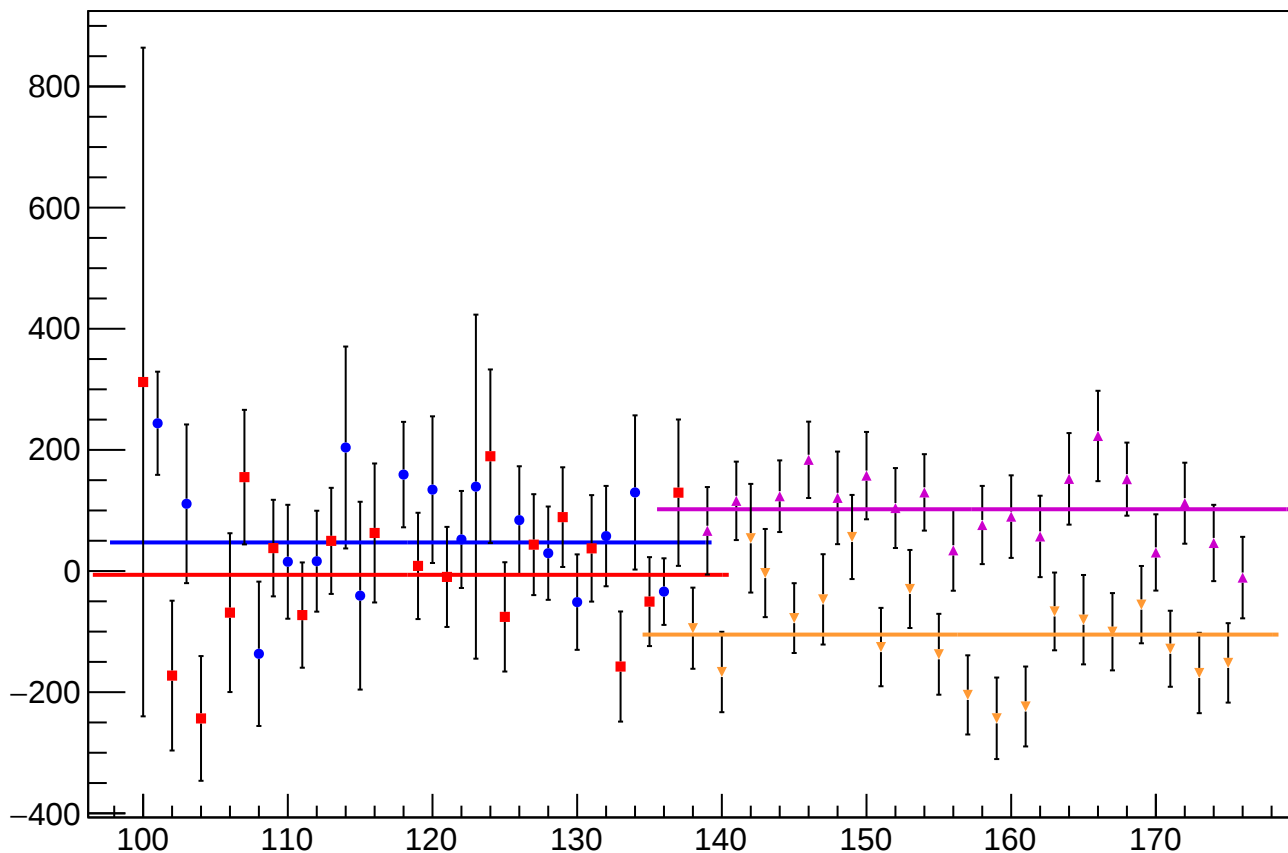
Left In: 920.599 $\pm$ 0.171 χ^2 /NDF: 568639.7/18

+ sign 979.857 $\pm$ 0.152 χ^2 /NDF: 1853599.1/36

All: 974.794 $\pm$ 0.107 χ^2 /NDF: 3537419.2/74

- sign 969.891 $\pm$ 0.150 χ^2 /NDF: 1681648.1/37

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 47.220 $\pm$ 22.565 χ^2 /NDF: 16.1/16

Left Out: -104.914 $\pm$ 14.955 χ^2 /NDF: 26.3/19

Right Out: -6.246 $\pm$ 22.128 χ^2 /NDF: 20.3/18

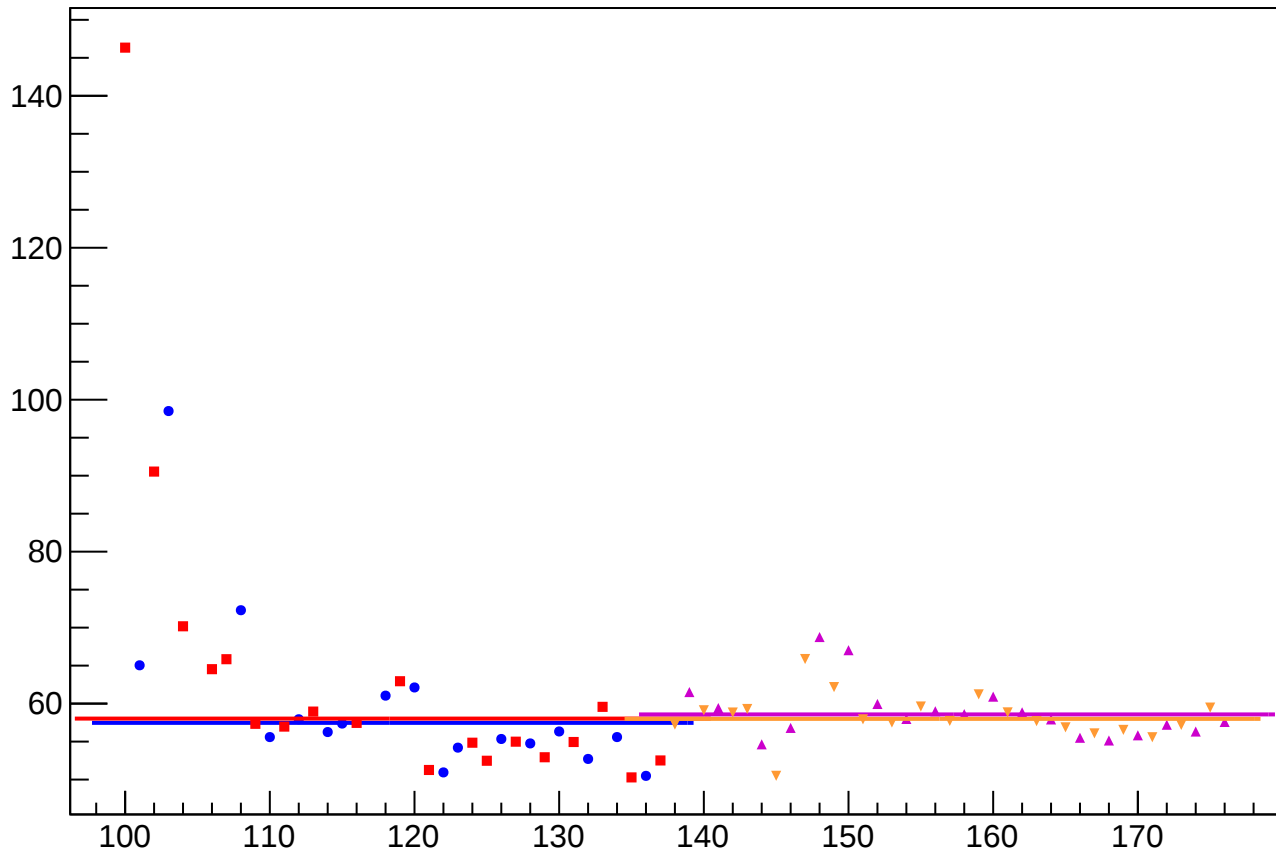
Left In: 102.005 $\pm$ 15.266 χ^2 /NDF: 13.3/18

+ sign -58.482 $\pm$ 12.466 χ^2 /NDF: 74.0/36

All: 3.807 $\pm$ 8.850 χ^2 /NDF: 174.1/74

- sign 67.097 $\pm$ 12.566 χ^2 /NDF: 49.8/37

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 57.465+/-0.016 χ^2/NDF : 307156.4/16

Left Out: 57.988+/-0.011 χ^2/NDF : 78921.7/19

Right Out: 58.027+/-0.016 χ^2/NDF : 300788.2/18

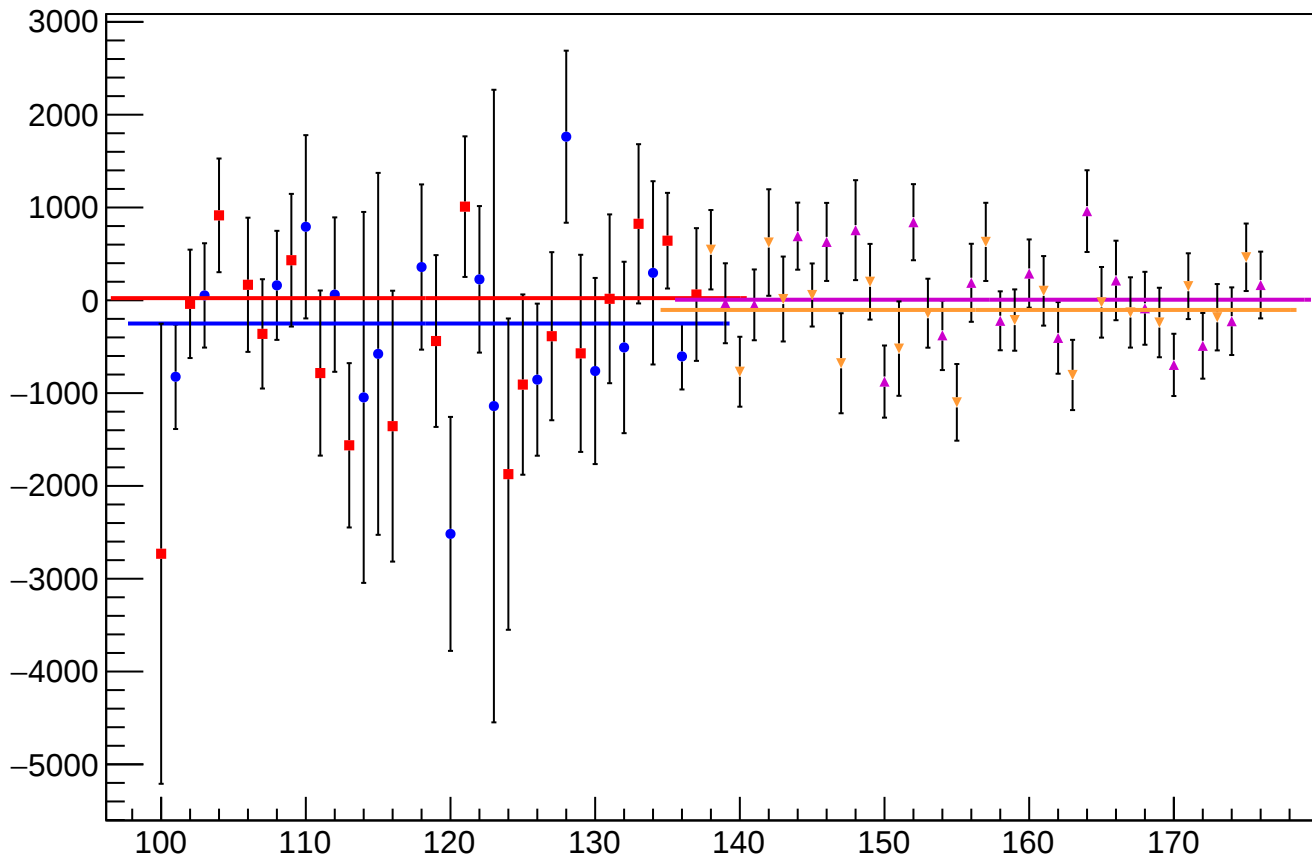
Left In: 58.577+/-0.011 χ^2/NDF : 98237.3/18

+ sign 57.829+/-0.009 χ^2/NDF : 386824.5/36

All: 58.112+/-0.006 χ^2/NDF : 788764.8/74

- sign 58.399+/-0.009 χ^2/NDF : 399861.3/37

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -250.140 $\pm$ 184.092 χ^2/NDF : 14.3/16

Left Out: -103.829 $\pm$ 88.158 χ^2/NDF : 25.6/19

Right Out: 23.314 $\pm$ 181.834 χ^2/NDF : 16.1/18

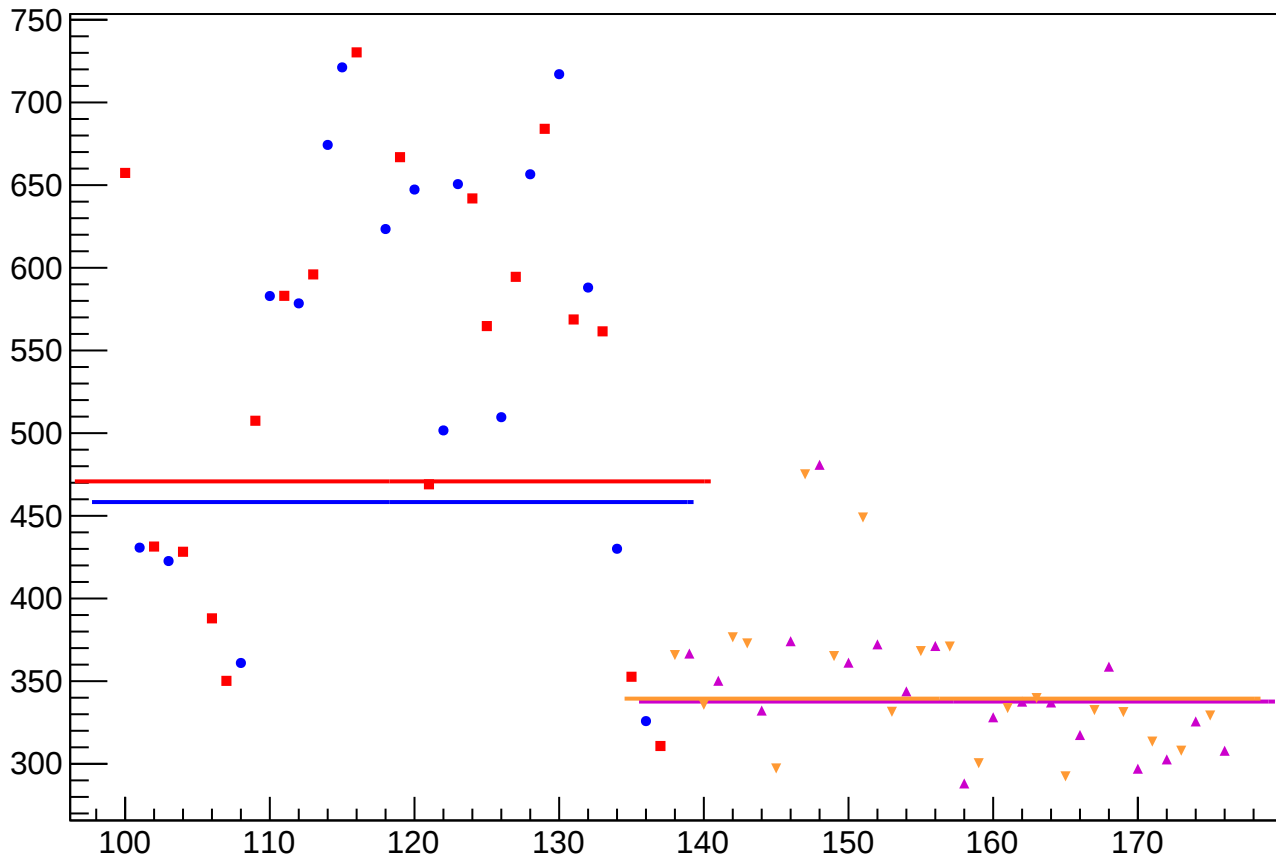
Left In: 6.268 $\pm$ 88.521 χ^2/NDF : 32.5/18

+ sign -131.123 $\pm$ 79.511 χ^2/NDF : 40.4/36

All: -60.865 $\pm$ 56.251 χ^2/NDF : 90.5/74

- sign 9.534 $\pm$ 79.591 χ^2/NDF : 48.5/37

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 458.324 $\pm$ 0.130 χ^2 /NDF: 877201.7/16

Left Out: 339.446 $\pm$ 0.062 χ^2 /NDF: 395333.7/19

Right Out: 470.827 $\pm$ 0.129 χ^2 /NDF: 778635.2/18

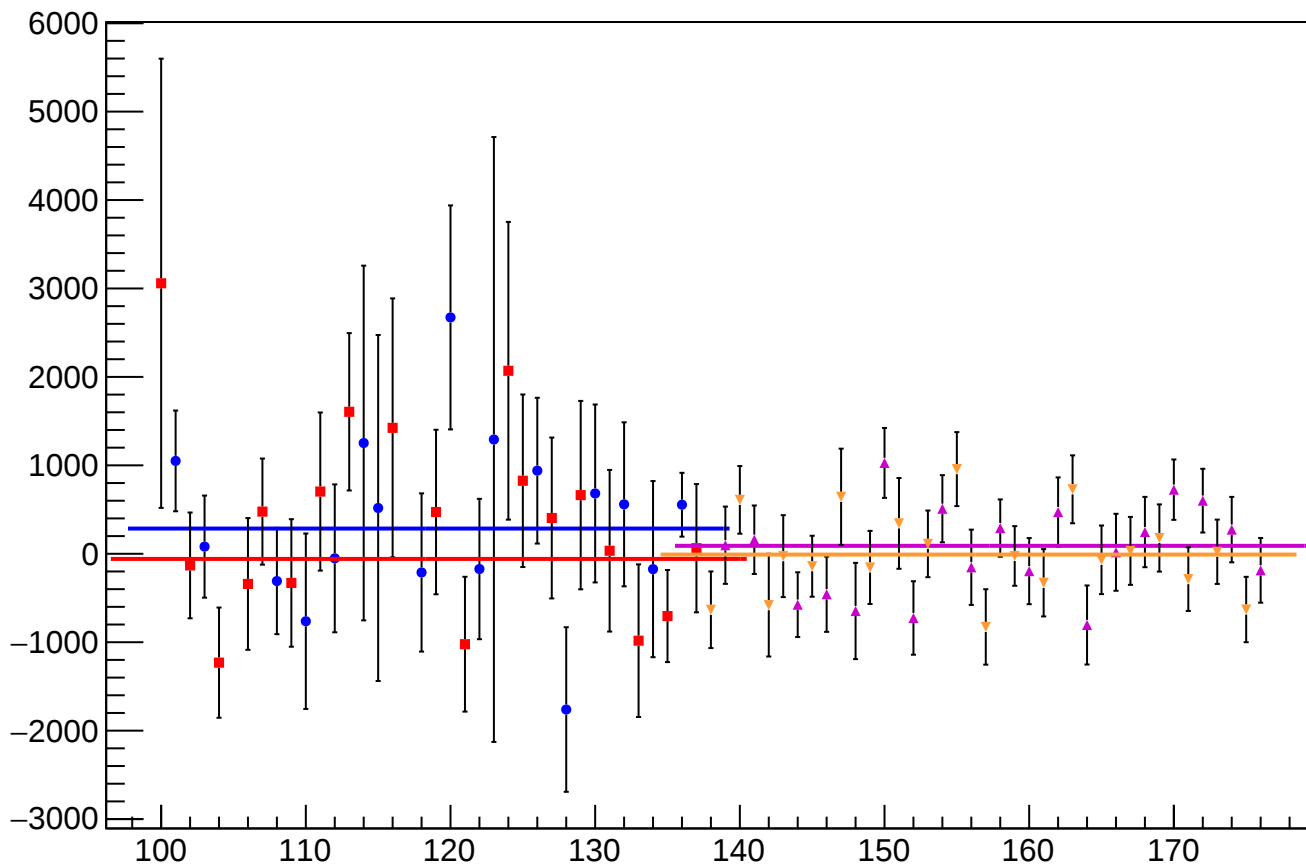
Left In: 337.669 $\pm$ 0.063 χ^2 /NDF: 328001.7/18

+ sign 361.622 $\pm$ 0.056 χ^2 /NDF: 1950953.5/36

All: 362.401 $\pm$ 0.040 χ^2 /NDF: 3925032.9/74

- sign 363.181 $\pm$ 0.056 χ^2 /NDF: 1973695.7/37

asym_sam_13_57_dd_mean vs Slug



Right In: 285.349 ± 186.262 χ^2/NDF : 15.2/16

Left Out: -9.068 ± 89.484 χ^2/NDF : 25.1/19

Right Out: -58.001 ± 184.074 χ^2/NDF : 19.2/18

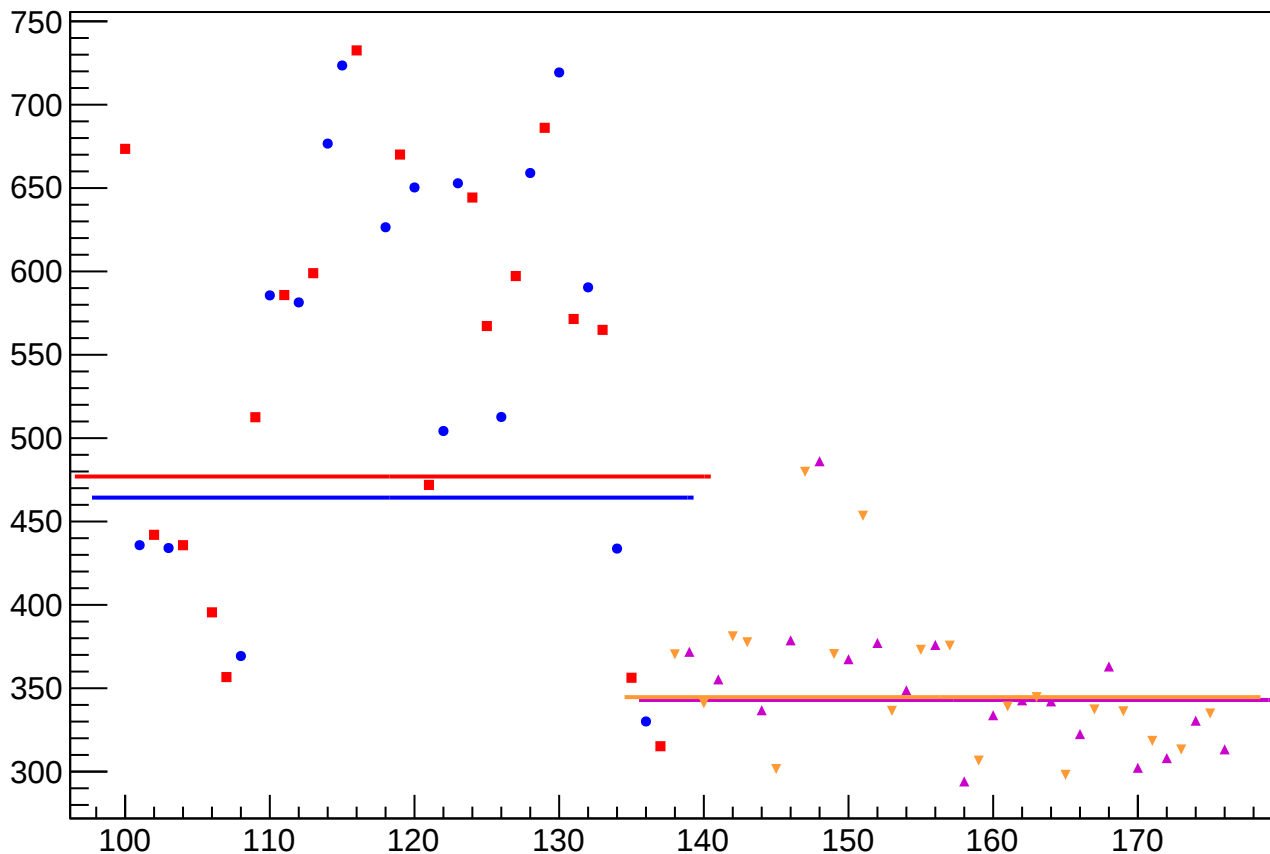
Left In: 89.945 ± 89.883 χ^2/NDF : 30.2/18

+ sign 46.142 ± 80.659 χ^2/NDF : 42.3/36

All: 53.791 ± 57.073 χ^2/NDF : 92.3/74

- sign 61.461 ± 80.768 χ^2/NDF : 49.9/37

asym_sam_13_57_dd_rms vs Slug



Right In: 464.341 ± 0.132 $\chi^2/\text{NDF}: 845900.9/16$

Left Out: 344.669 ± 0.063 $\chi^2/\text{NDF}: 381583.5/19$

Right Out: 476.989 ± 0.130 $\chi^2/\text{NDF}: 749331.1/18$

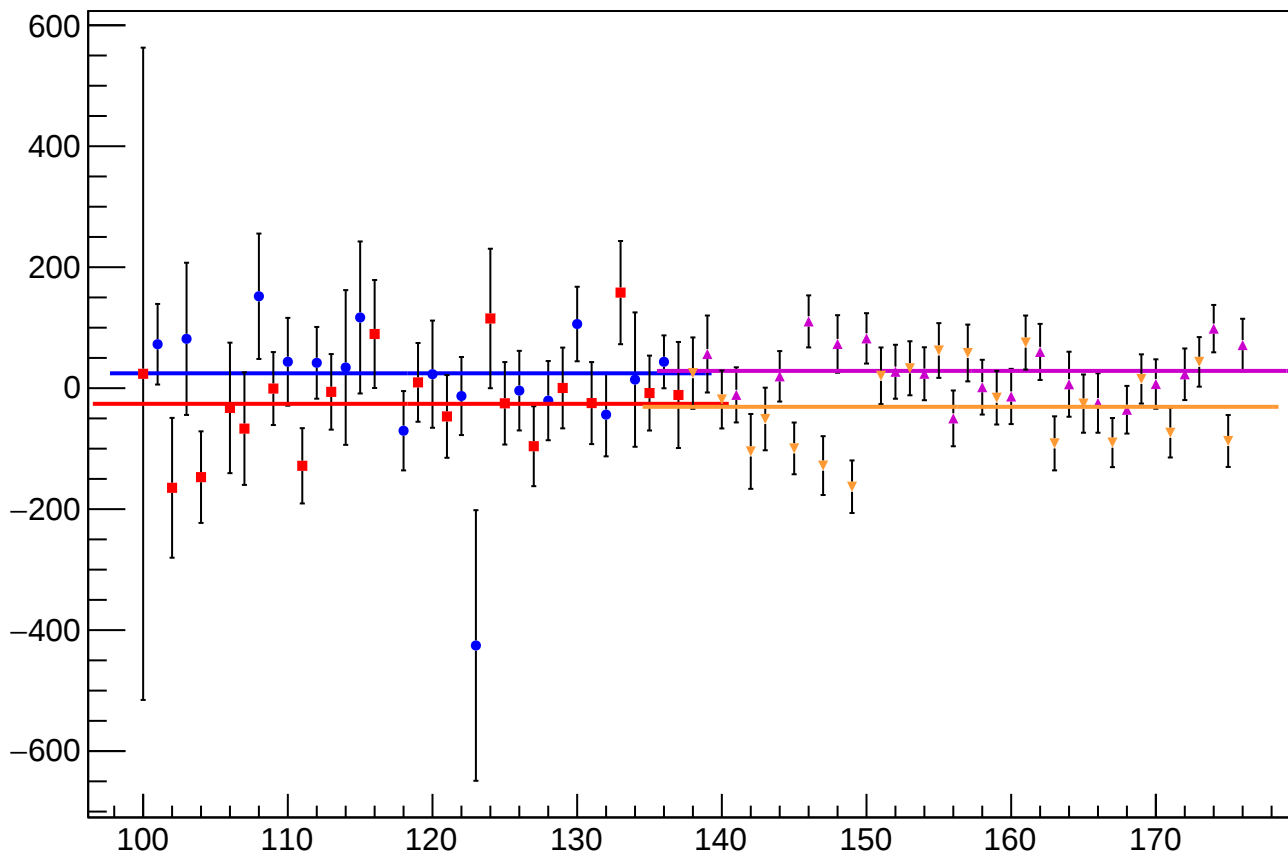
Left In: 342.965 ± 0.064 $\chi^2/\text{NDF}: 316271.9/18$

+ sign 367.110 ± 0.057 $\chi^2/\text{NDF}: 1898255.9/36$

All: 367.938 ± 0.040 $\chi^2/\text{NDF}: 3820403.5/74$

- sign 368.769 ± 0.057 $\chi^2/\text{NDF}: 1921725.4/37$

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 24.584 ± 17.839 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -30.823 ± 10.182 $\chi^2/\text{NDF}: 46.5/19$

Right Out: -25.884 ± 17.386 $\chi^2/\text{NDF}: 16.8/18$

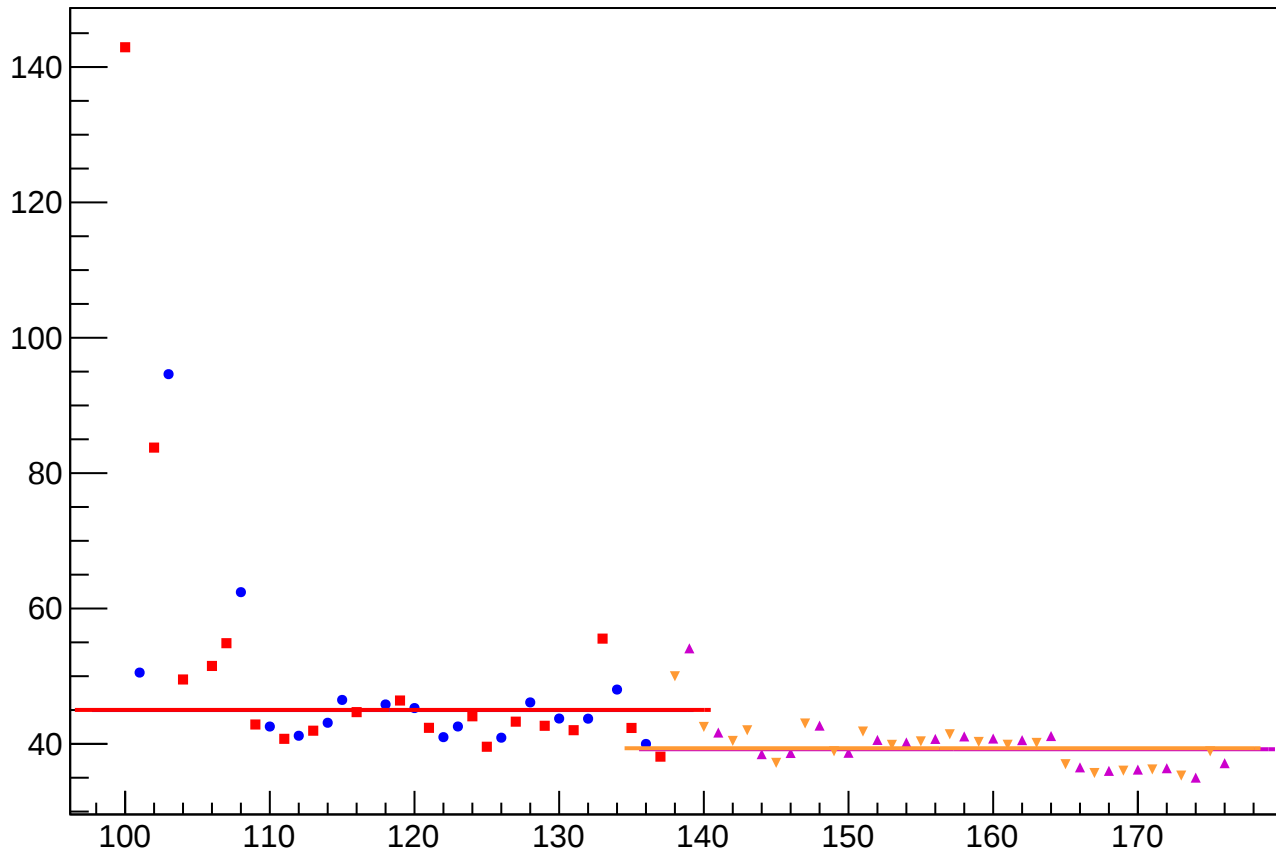
Left In: 28.554 ± 10.247 $\chi^2/\text{NDF}: 20.2/18$

+ sign -17.208 ± 8.843 $\chi^2/\text{NDF}: 66.8/36$

All: -1.317 ± 6.248 $\chi^2/\text{NDF}: 117.5/74$

- sign 14.519 ± 8.828 $\chi^2/\text{NDF}: 44.2/37$

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.001 ± 0.013 χ^2/NDF : 438352.8/16

Left Out: 39.355 ± 0.007 χ^2/NDF : 174249.9/19

Right Out: 45.017 ± 0.012 χ^2/NDF : 415509.0/18

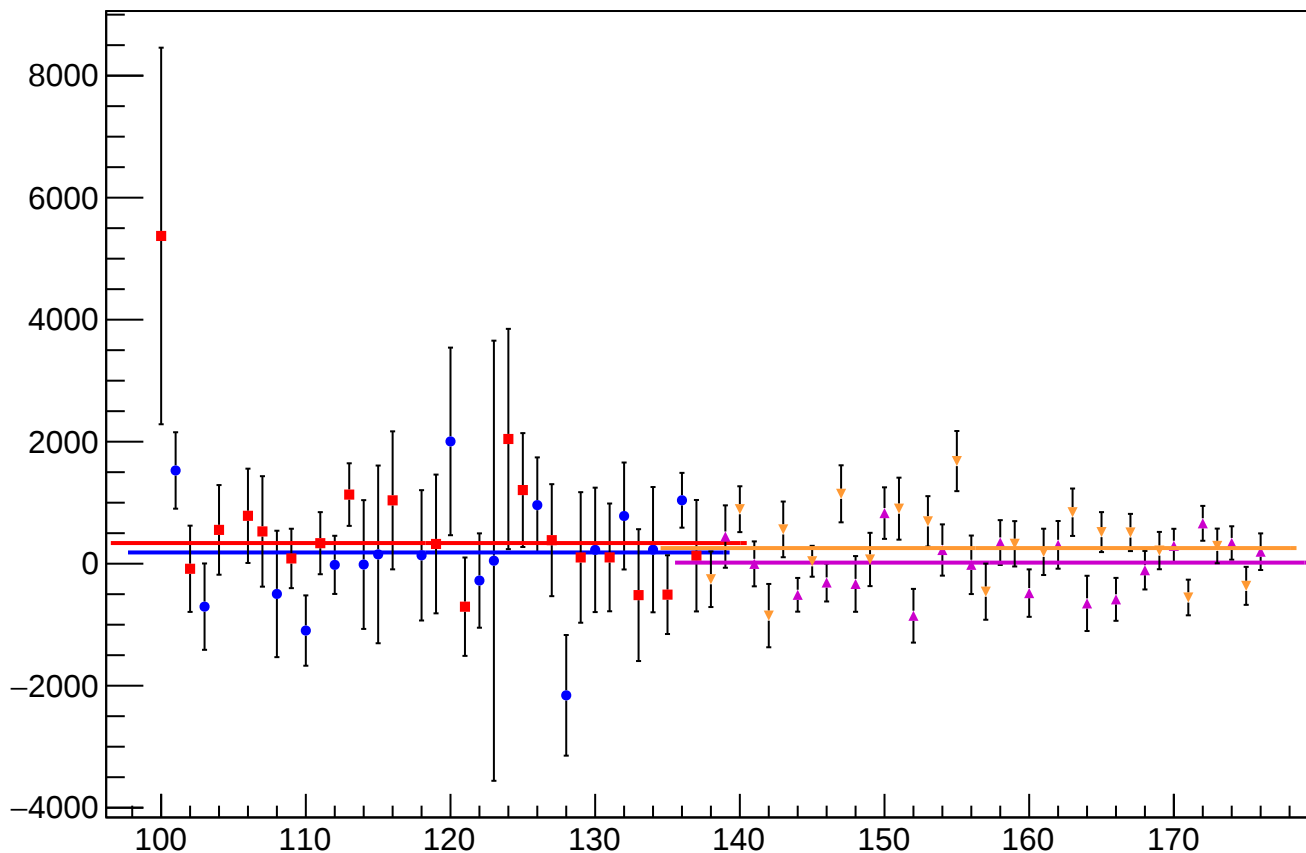
Left In: 39.209 ± 0.007 χ^2/NDF : 209033.9/18

+ sign 40.743 ± 0.006 χ^2/NDF : 763710.0/36

All: 40.724 ± 0.004 χ^2/NDF : 1553940.7/74

- sign 40.706 ± 0.006 χ^2/NDF : 790213.7/37

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 184.184 ± 188.558 χ^2/NDF : 24.2/16

Left Out: 255.890 ± 81.547 χ^2/NDF : 42.5/19

Right Out: 338.329 ± 179.381 χ^2/NDF : 12.5/18

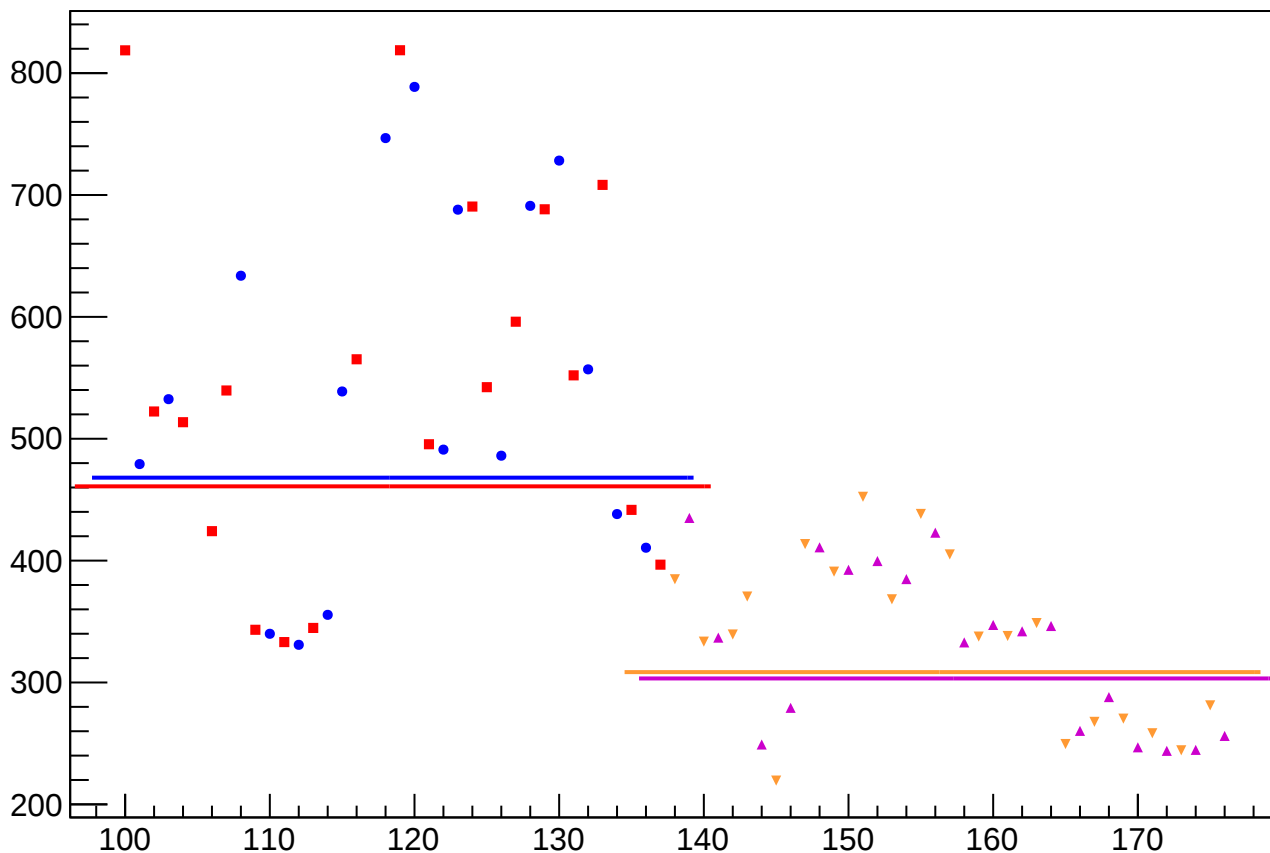
Left In: 17.510 ± 80.772 χ^2/NDF : 29.9/18

+ sign 244.592 ± 74.847 χ^2/NDF : 66.9/36

All: 156.697 ± 52.497 χ^2/NDF : 114.7/74

- sign 71.592 ± 73.650 χ^2/NDF : 45.1/37

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 468.071 $\pm$ 0.133 χ^2/NDF : 880319.3/16

Left Out: 308.515 $\pm$ 0.058 χ^2/NDF : 1311180.9/19

Right Out: 460.939 $\pm$ 0.127 χ^2/NDF : 955028.5/18

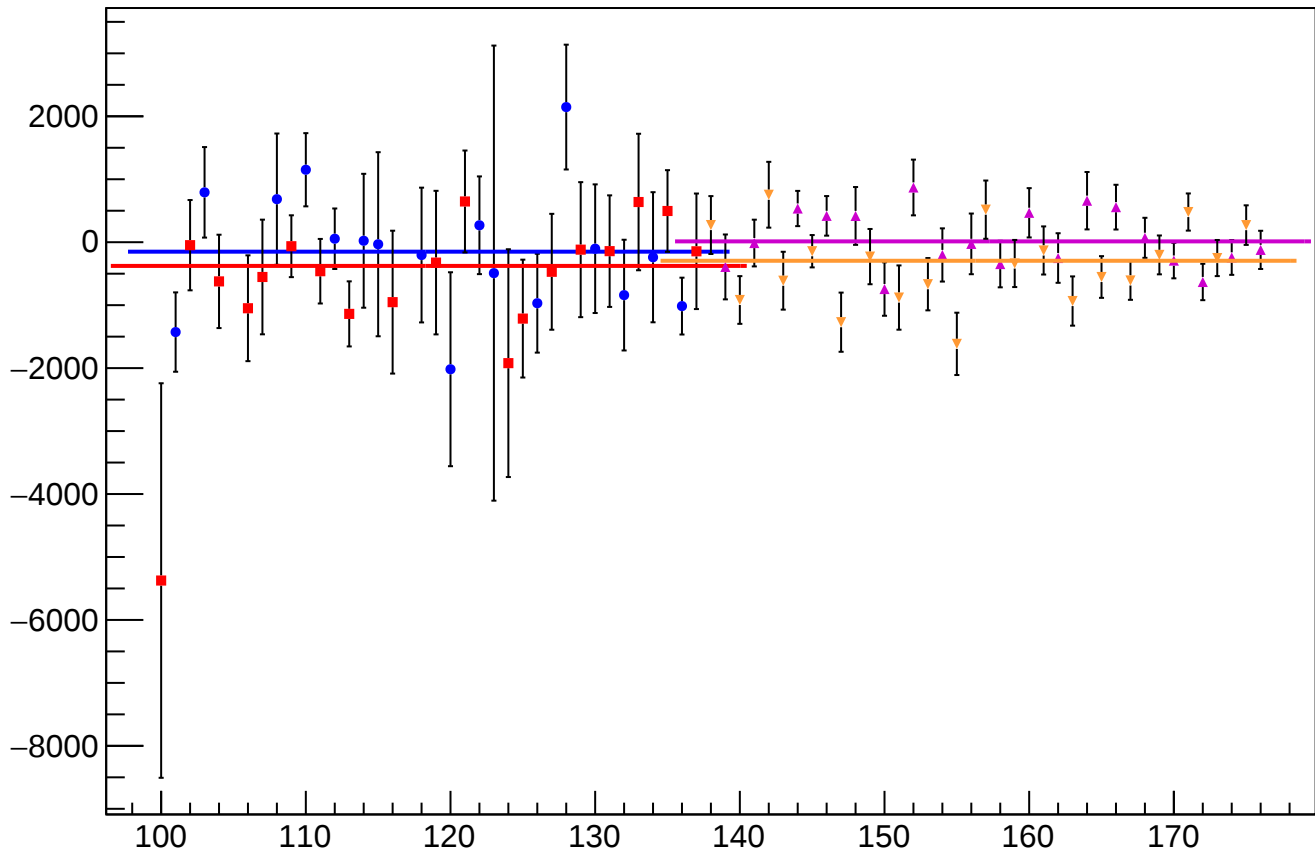
Left In: 303.307 $\pm$ 0.057 χ^2/NDF : 1153537.7/18

+ sign 333.656 $\pm$ 0.053 χ^2/NDF : 3397930.9/36

All: 331.738 $\pm$ 0.037 χ^2/NDF : 6793149.1/74

- sign 329.880 $\pm$ 0.052 χ^2/NDF : 3392632.2/37

asym_sam_15_37_dd_mean vs Slug



Right In: -150.305 ± 189.729 χ^2/NDF : 24.2/16

Left Out: -294.758 ± 82.256 χ^2/NDF : 40.5/19

Right Out: -376.554 ± 181.258 χ^2/NDF : 12.4/18

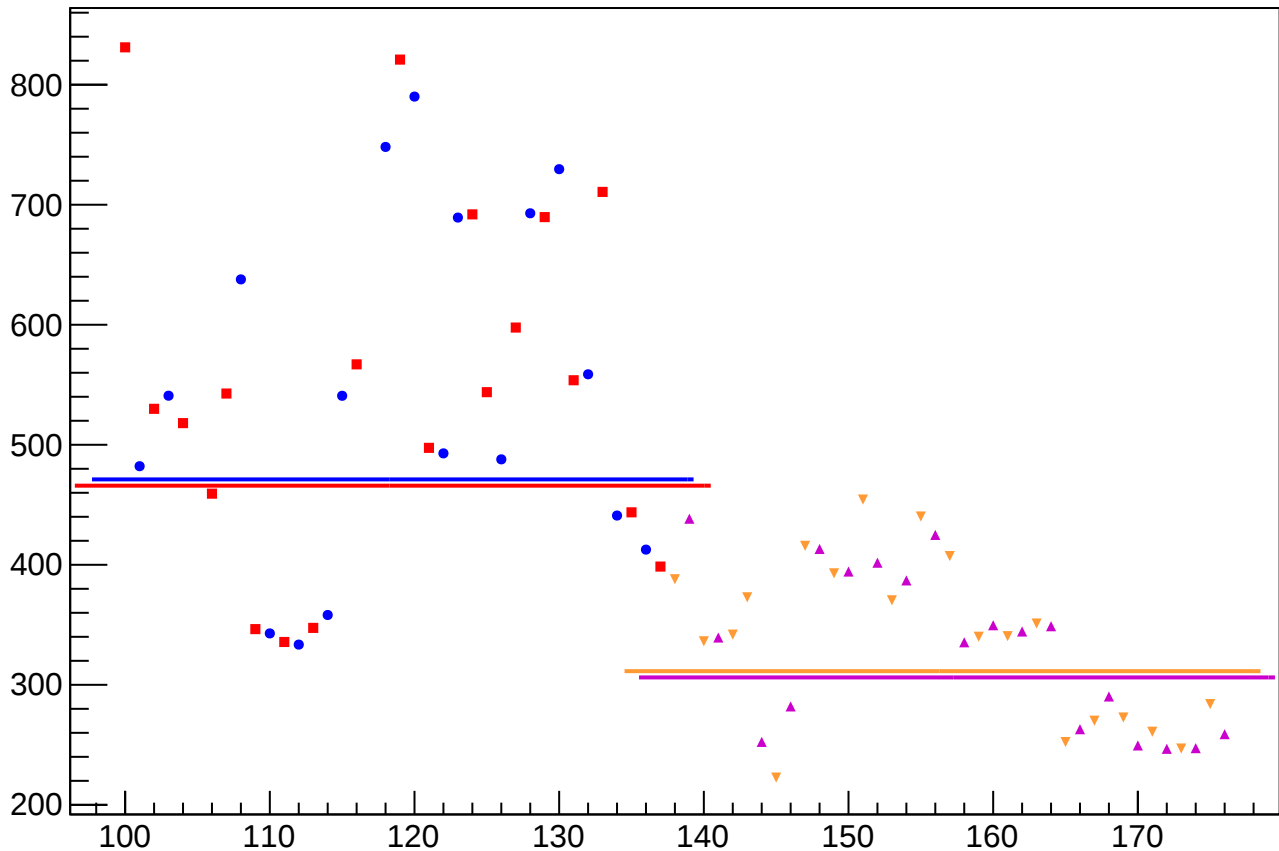
Left In: 13.115 ± 81.489 χ^2/NDF : 28.0/18

+ sign -271.902 ± 75.469 χ^2/NDF : 65.2/36

All: -160.473 ± 52.955 χ^2/NDF : 113.8/74

- sign -52.402 ± 74.323 χ^2/NDF : 44.3/37

asym_sam_15_37_dd_rms vs Slug



Right In: 471.156 $\pm$ 0.134 χ^2 /NDF: 871832.5/16

Left Out: 311.379 $\pm$ 0.058 χ^2 /NDF:1281065.0/19

Right Out: 465.935 $\pm$ 0.128 χ^2 /NDF: 940521.6/18

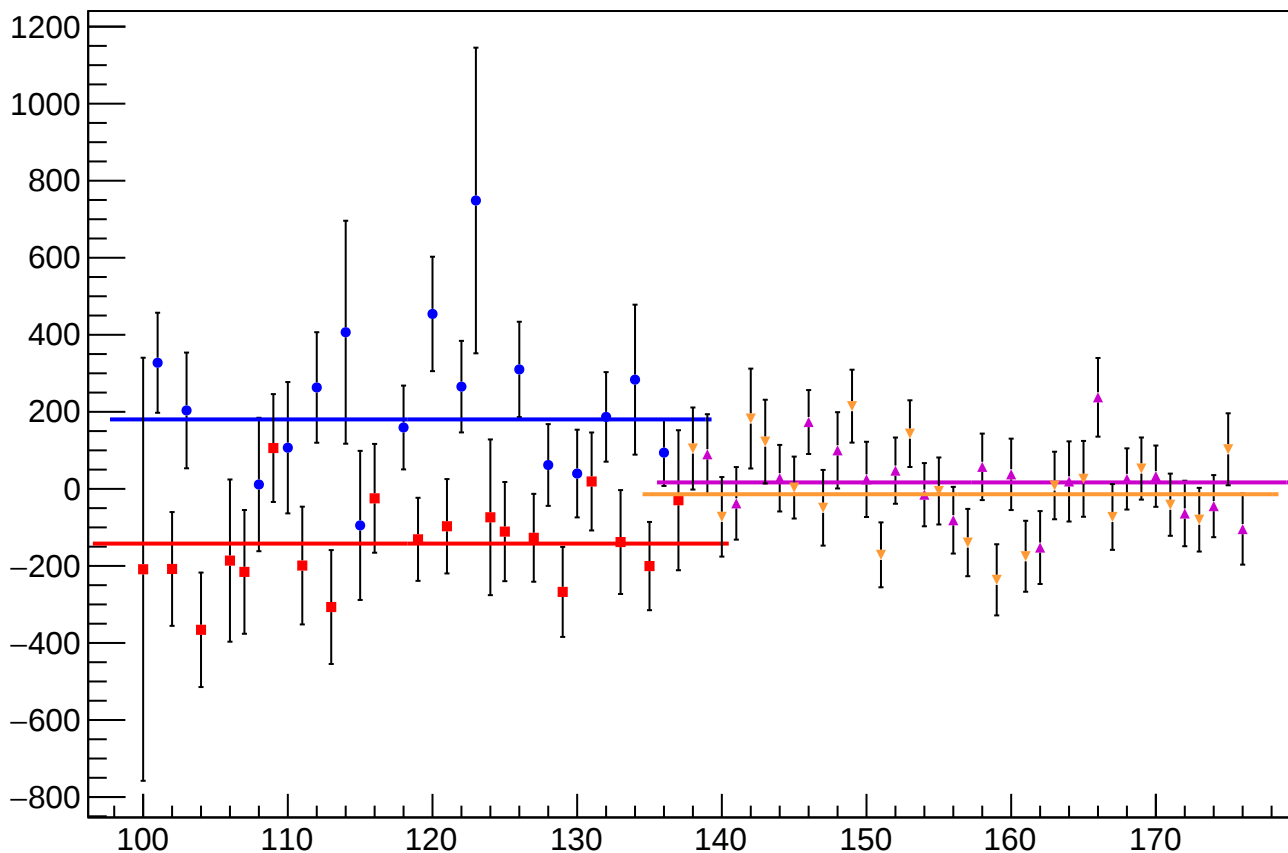
Left In: 306.159 $\pm$ 0.058 χ^2 /NDF:1128819.5/18

+ sign 336.659 $\pm$ 0.053 χ^2 /NDF: 3346856.1/36

All: 334.813 $\pm$ 0.037 χ^2 /NDF: 6711314.1/74

- sign 333.023 $\pm$ 0.053 χ^2 /NDF: 3362100.5/37

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 180.326 $\pm$ 32.769 χ^2 /NDF: 16.6/16

Left Out: -13.901 $\pm$ 20.382 χ^2 /NDF:32.9/19

Right Out: -142.040 $\pm$ 32.338 χ^2 /NDF: 11.7/18

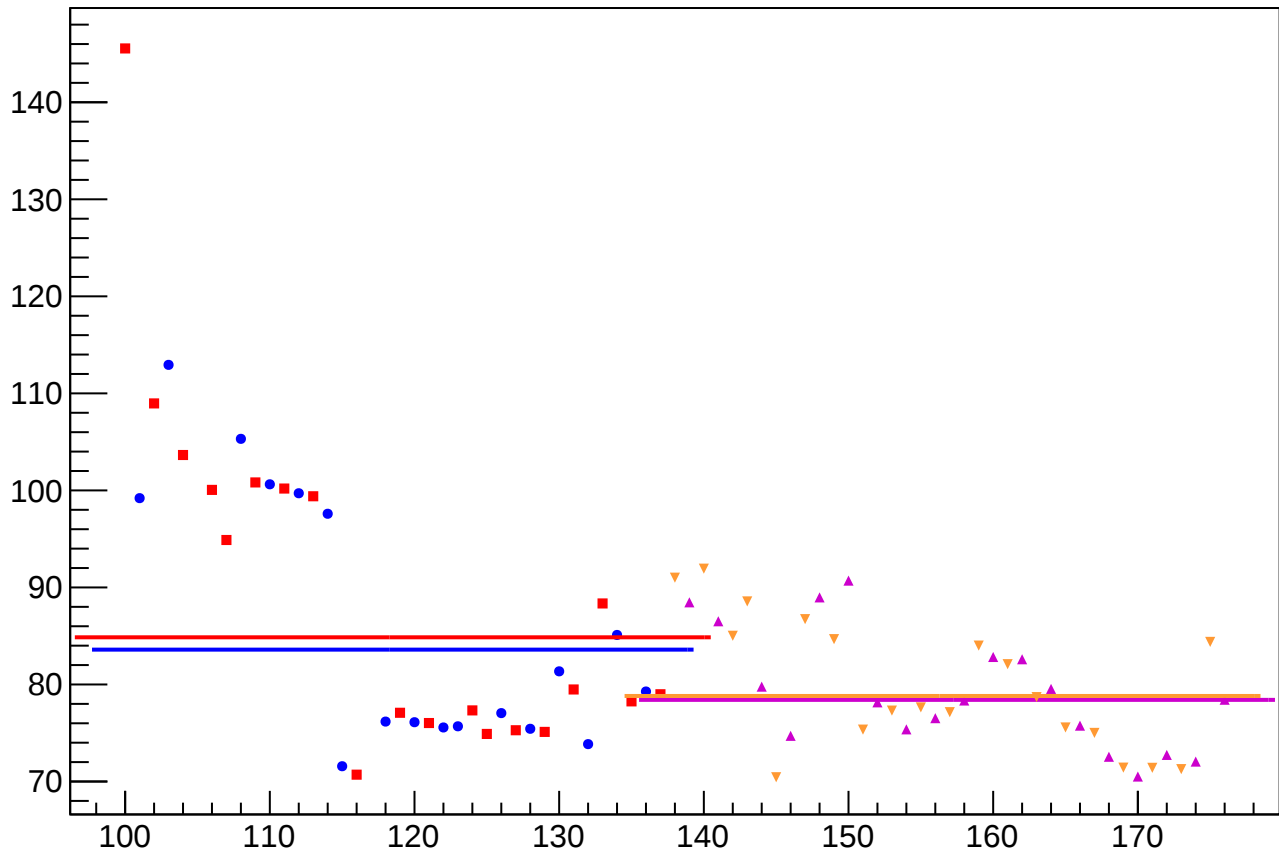
Left In: 16.770 $\pm$ 20.477 χ^2 /NDF:18.1/18

+ sign 40.280 $\pm$ 17.308 χ^2 /NDF: 74.8/36

All: 5.784 $\pm$ 12.236 χ^2 /NDF: 129.7/74

- sign -28.681 $\pm$ 17.300 χ^2 /NDF: 47.0/37

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 83.591 $\pm$ 0.023 χ^2 /NDF: 255921.7/16

Left Out: 78.815 $\pm$ 0.014 χ^2 /NDF:198948.2/19

Right Out: 84.861 $\pm$ 0.023 χ^2 /NDF: 290606.5/18

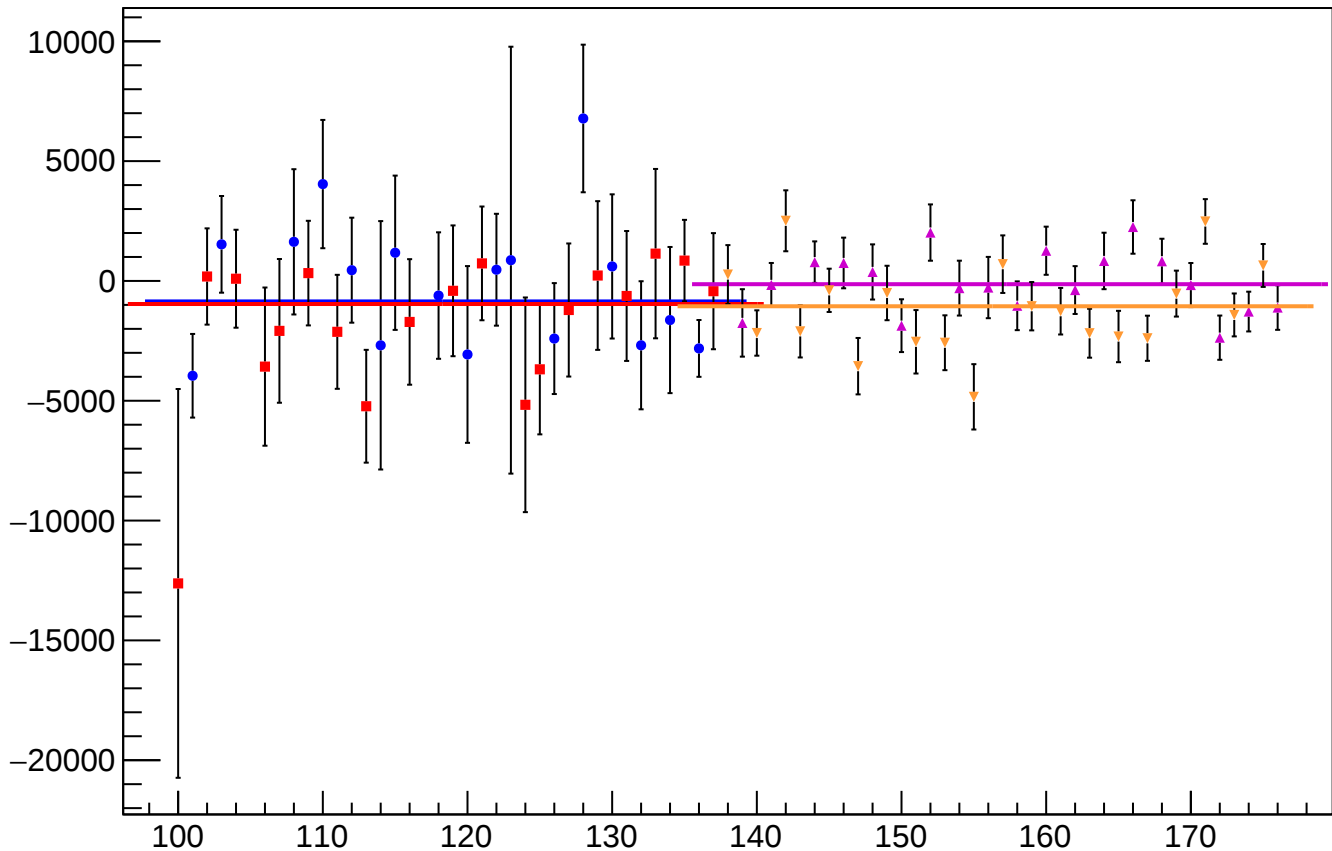
Left In: 78.413 $\pm$ 0.014 χ^2 /NDF:158106.5/18

+ sign 80.148 $\pm$ 0.012 χ^2 /NDF: 485494.4/36

All: 80.203 $\pm$ 0.009 χ^2 /NDF: 991004.3/74

- sign 80.259 $\pm$ 0.012 χ^2 /NDF: 505468.7/37

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -855.308 $\pm$ 583.290 χ^2/NDF : 20.3/16

Left Out: -1057.132 $\pm$ 234.015 χ^2/NDF : 52.6/19

Right Out: -962.932 $\pm$ 589.071 χ^2/NDF : 11.5/18

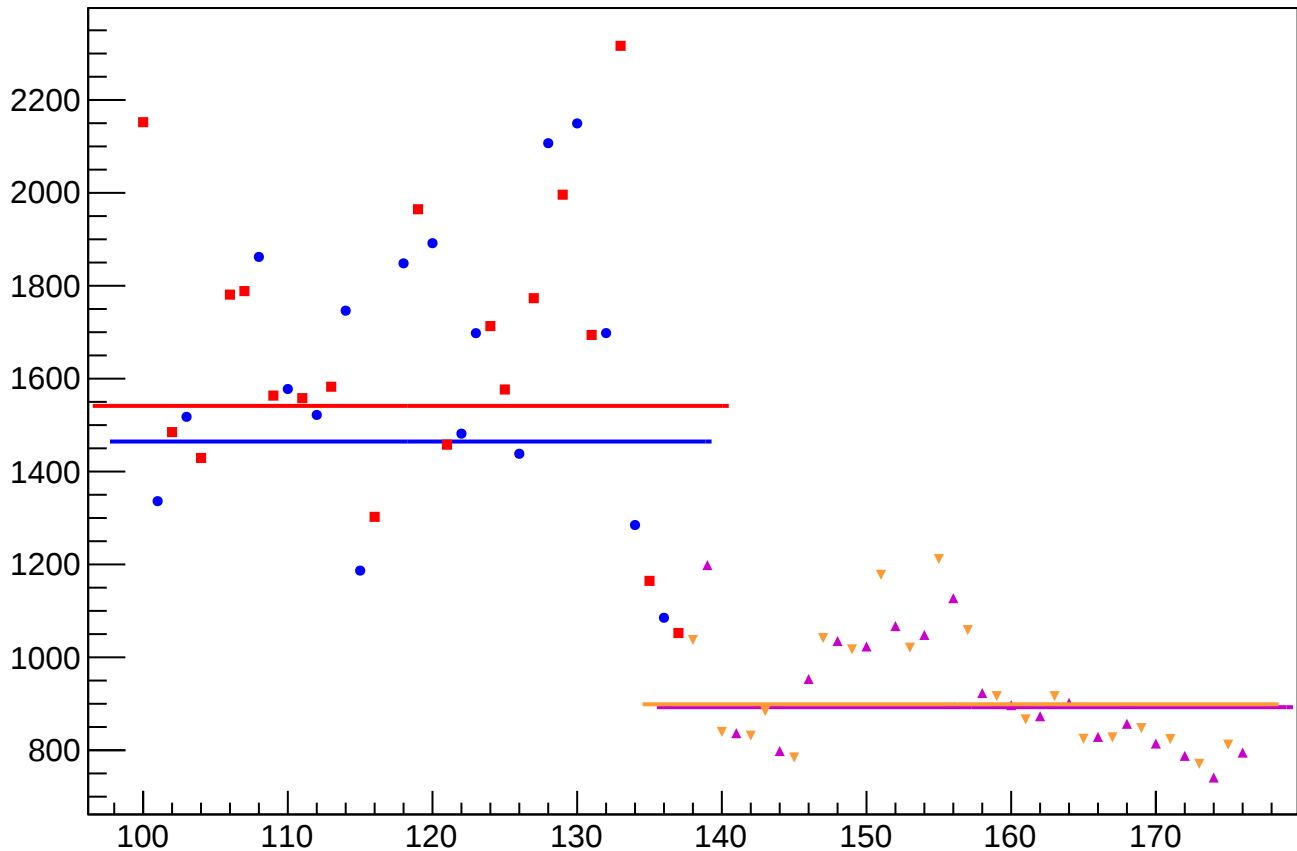
Left In: -136.000 $\pm$ 234.491 χ^2/NDF : 27.1/18

+ sign -1029.150 $\pm$ 217.187 χ^2/NDF : 73.0/36

All: -640.344 $\pm$ 153.813 χ^2/NDF : 119.8/74

- sign -249.112 $\pm$ 217.864 χ^2/NDF : 40.4/37

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1464.636 $\pm$ 0.412 χ^2 /NDF: 560863.4/16

Left Out: 898.936 $\pm$ 0.165 χ^2 /NDF: 477397.2/19

+ sign 977.367 $\pm$ 0.154 χ^2 /NDF: 2658634.2/36

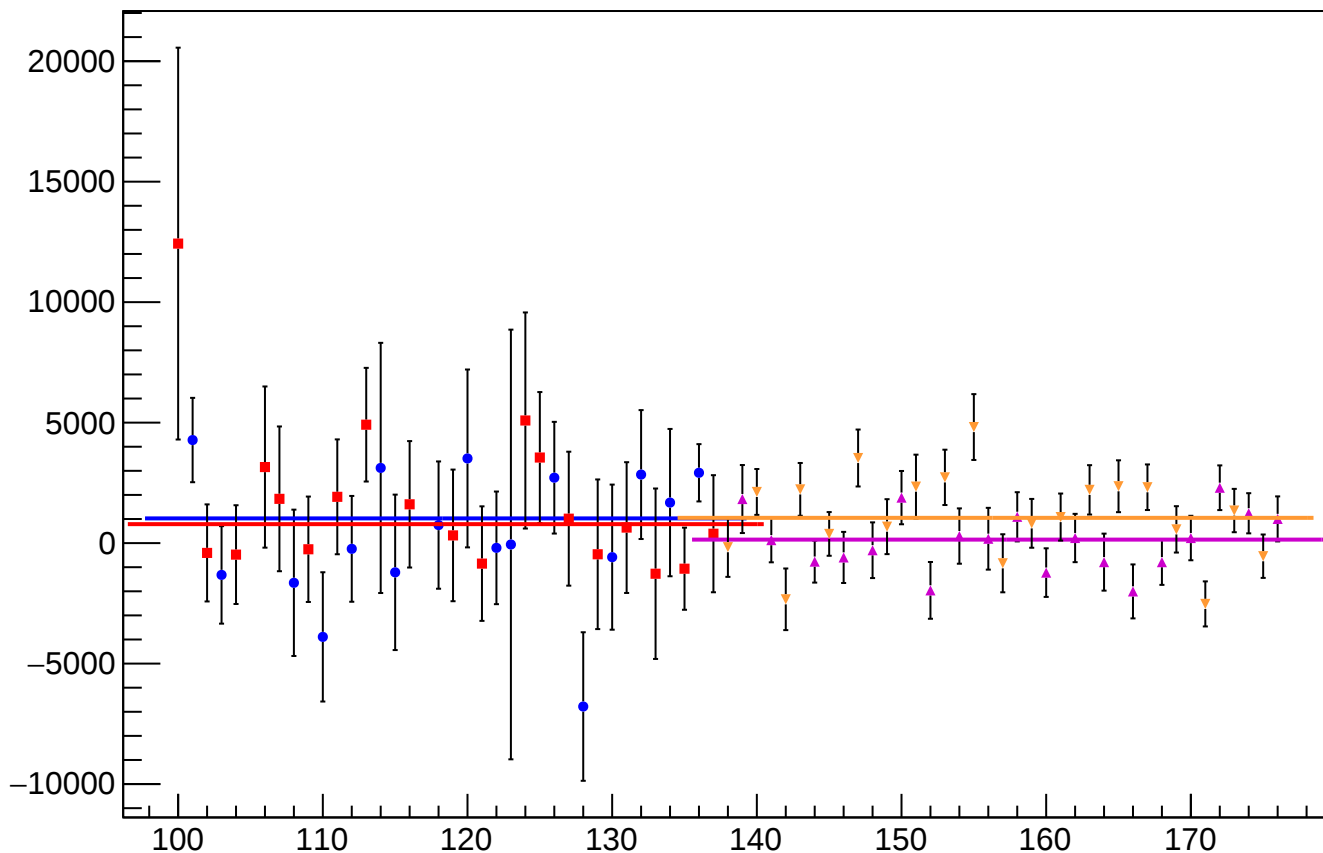
Right Out: 1541.388 $\pm$ 0.417 χ^2 /NDF: 453710.5/18

All: 979.387 $\pm$ 0.109 χ^2 /NDF: 5687045.9/74

- sign 981.419 $\pm$ 0.154 χ^2 /NDF: 3028064.6/37

Left In: 892.687 $\pm$ 0.166 χ^2 /NDF: 480707.4/18

asym_sam_24_68_dd_mean vs Slug



Right In: 1025.527 $\pm$ 584.500 χ^2 /NDF: 20.9/16

Left Out: 1048.611 $\pm$ 234.984 χ^2 /NDF: 51.3/19

Right Out: 787.007 $\pm$ 590.388 χ^2 /NDF: 11.2/18

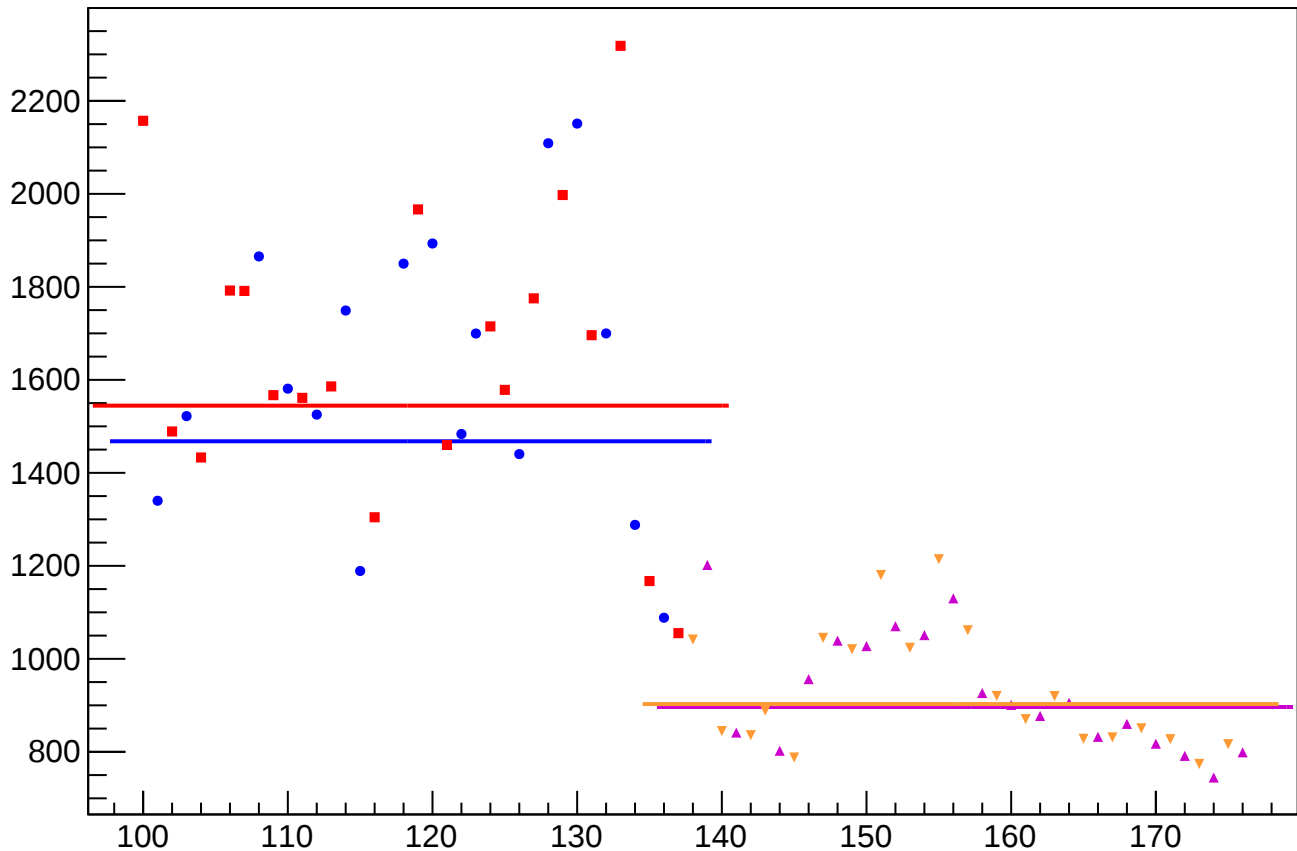
Left In: 145.383 $\pm$ 235.451 χ^2 /NDF: 24.8/18

+ sign 1045.399 $\pm$ 218.024 χ^2 /NDF: 72.3/36

All: 640.671 $\pm$ 154.405 χ^2 /NDF: 116.2/74

- sign 233.428 $\pm$ 218.701 χ^2 /NDF: 37.0/37

asym_sam_24_68_dd_rms vs Slug



Right In: 1467.905+/-0.413 χ^2/NDF : 557458.9/16

Left Out: 902.771+/-0.166 χ^2/NDF : 472378.6/19

Right Out: 1544.513+/-0.417 χ^2/NDF : 451805.9/18

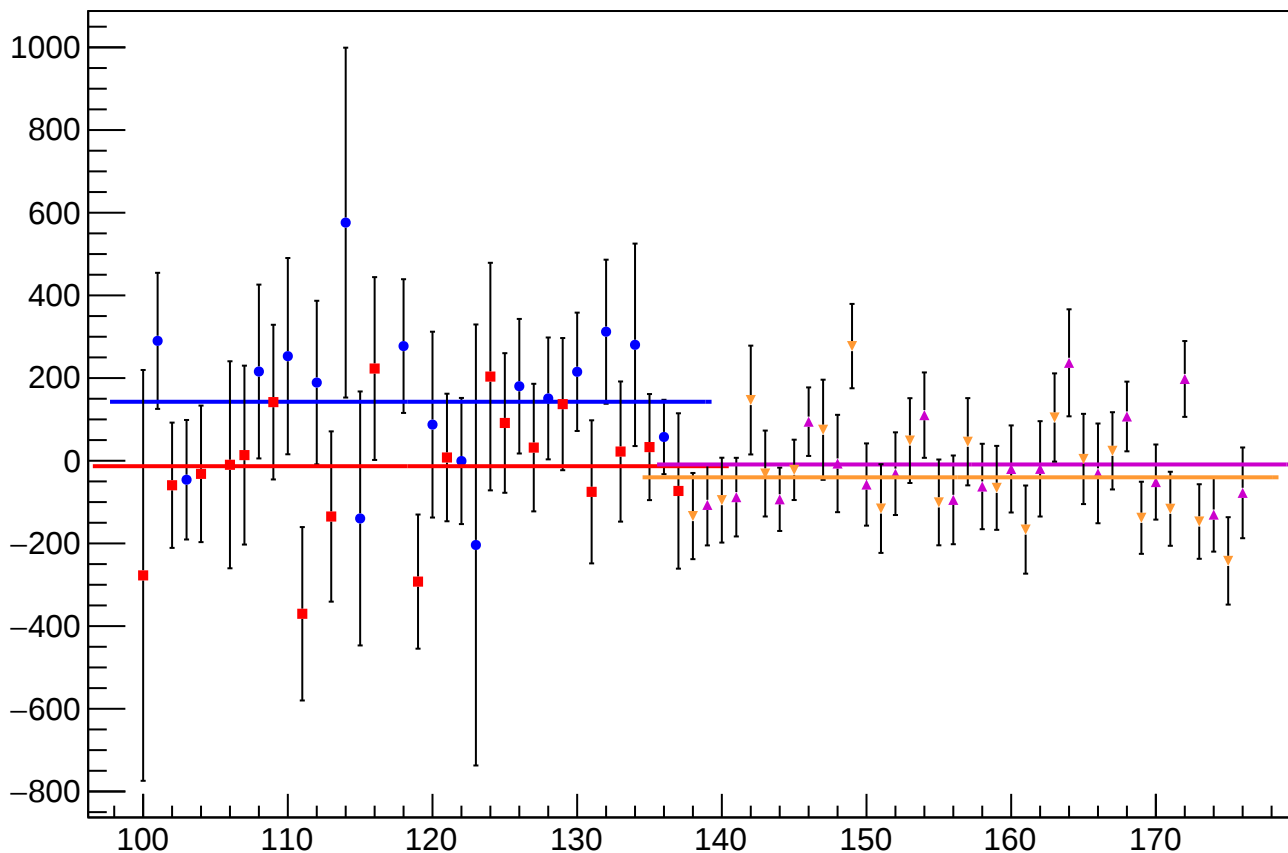
Left In: 896.440+/-0.166 χ^2/NDF : 475784.1/18

+ sign 981.402+/-0.154 χ^2/NDF : 2639368.5/36

All: 983.380+/-0.109 χ^2/NDF : 5646521.6/74

- sign 985.370+/-0.155 χ^2/NDF : 3006822.9/37

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 142.683 $\pm$ 41.625 χ^2 /NDF: 9.3/16

Left Out: -40.051 $\pm$ 22.396 χ^2 /NDF:27.0/19

Right Out: -13.177 $\pm$ 41.396 χ^2 /NDF: 10.8/18

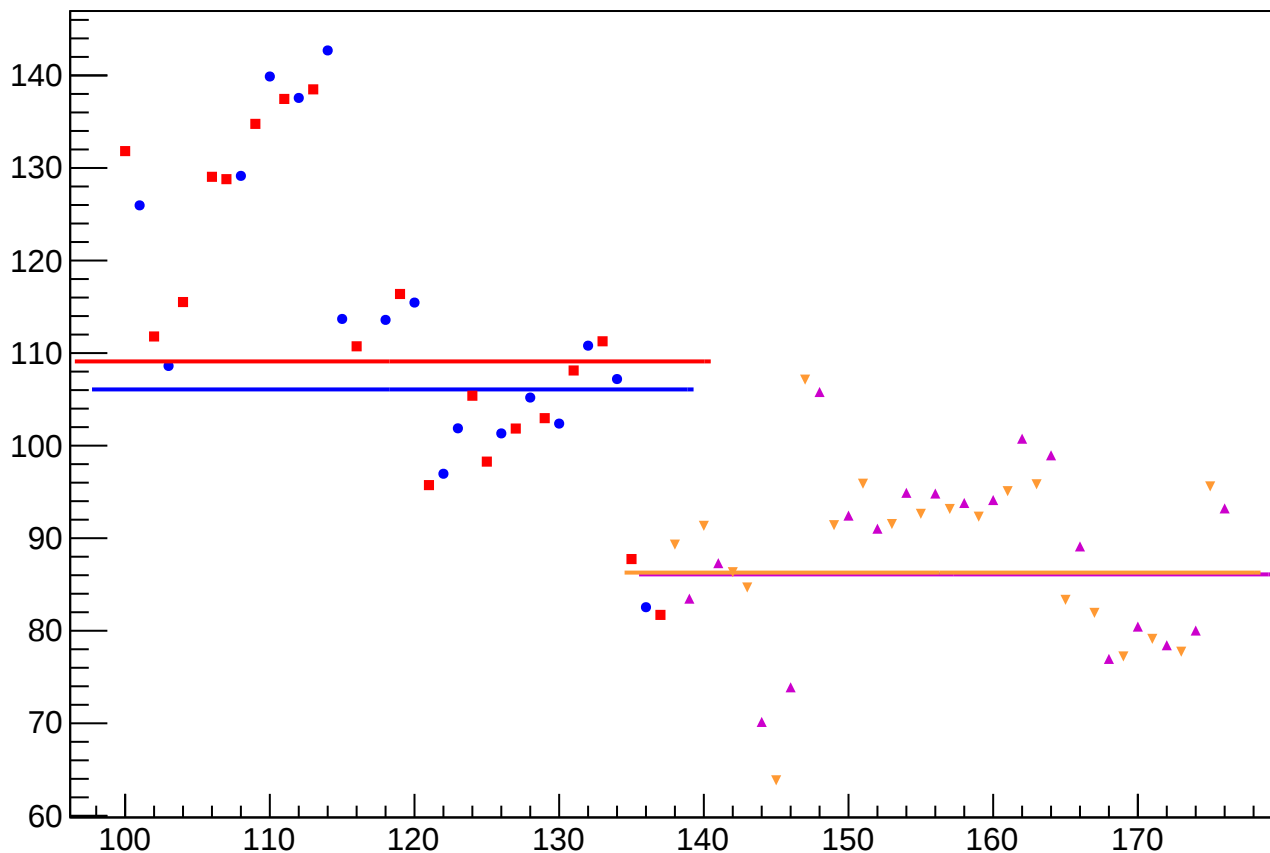
Left In: -8.985 $\pm$ 22.588 χ^2 /NDF:20.1/18

+ sign 0.973 $\pm$ 19.723 χ^2 /NDF: 51.3/36

All: -4.458 $\pm$ 13.983 χ^2 /NDF: 82.3/74

- sign -9.947 $\pm$ 19.828 χ^2 /NDF: 30.9/37

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 106.074 $\pm$ 0.029 χ^2 /NDF: 317907.9/16

Left Out: 86.284 $\pm$ 0.016 χ^2 /NDF: 408003.8/19

Right Out: 109.100 $\pm$ 0.029 χ^2 /NDF: 285394.8/18

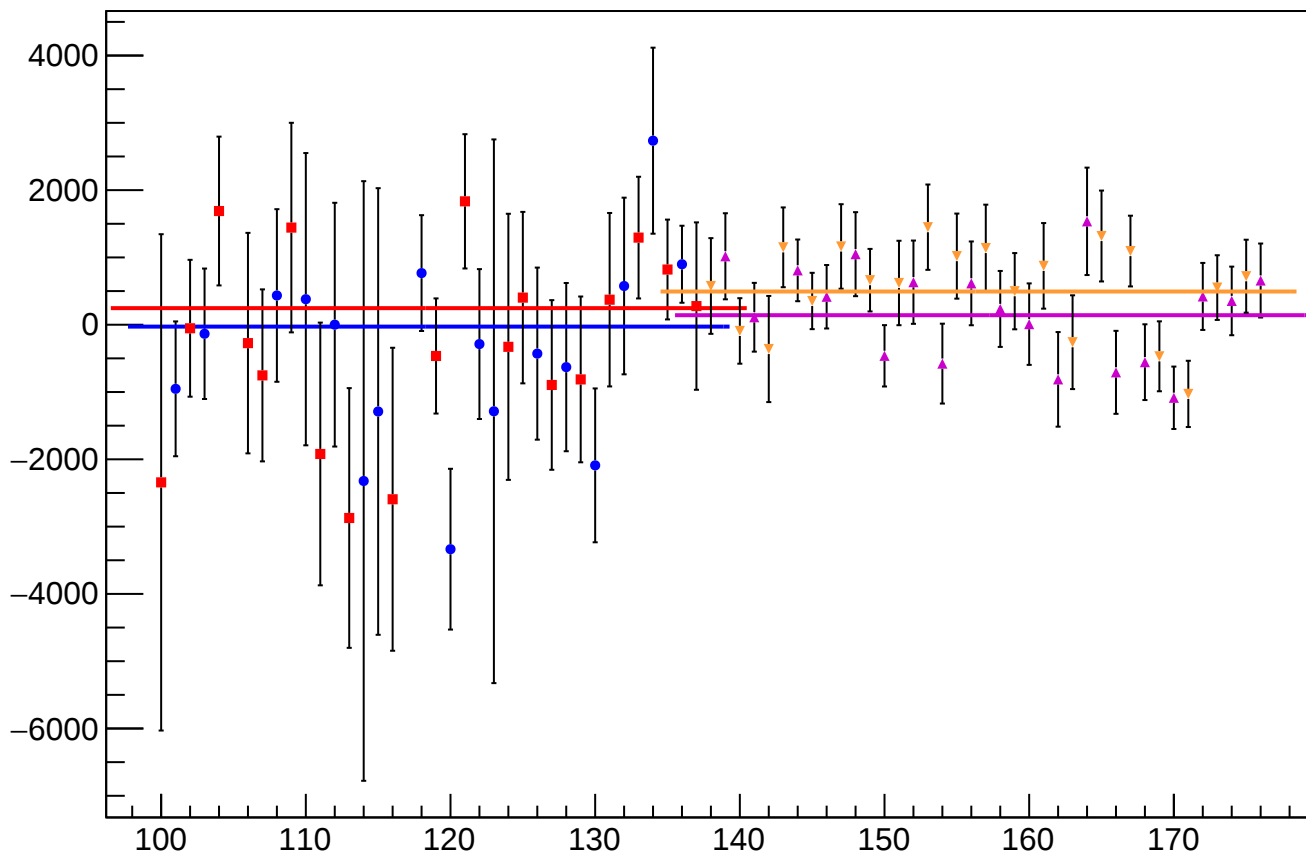
Left In: 86.089 $\pm$ 0.016 χ^2 /NDF: 367355.5/18

+ sign 90.727 $\pm$ 0.014 χ^2 /NDF: 1076491.0/36

All: 91.046 $\pm$ 0.010 χ^2 /NDF: 2206524.7/74

- sign 91.368 $\pm$ 0.014 χ^2 /NDF: 1128980.3/37

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -27.969 $\pm$ 283.741 χ^2/NDF : 20.5/16

Left Out: 493.632 $\pm$ 126.499 χ^2/NDF : 26.8/19

Right Out: 246.386 $\pm$ 279.451 χ^2/NDF : 15.9/18

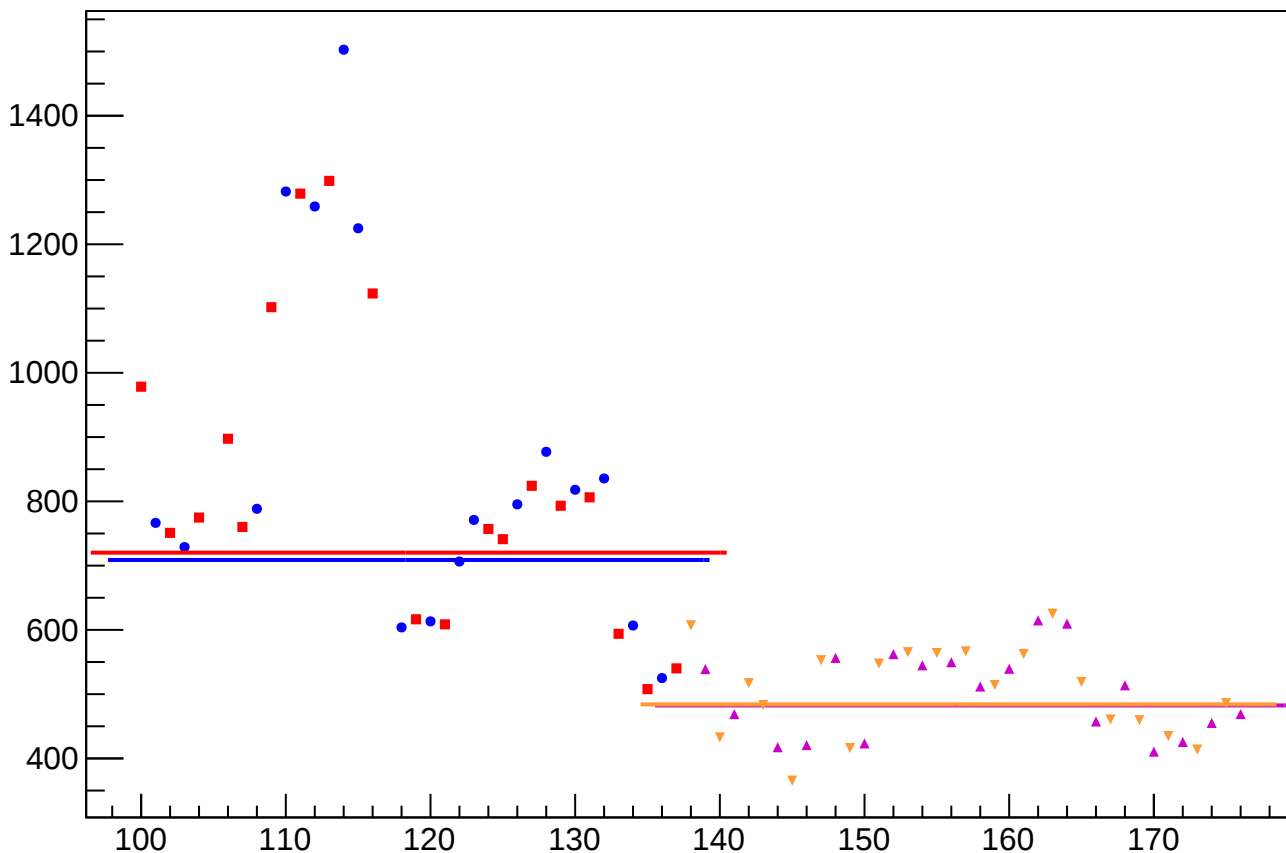
Left In: 141.572 $\pm$ 126.968 χ^2/NDF : 27.6/18

+ sign 407.148 $\pm$ 115.537 χ^2/NDF : 50.1/36

All: 283.390 $\pm$ 81.718 χ^2/NDF : 96.0/74

- sign 159.507 $\pm$ 115.596 χ^2/NDF : 43.6/37

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 708.784 $\pm$ 0.201 χ^2 /NDF: 793538.1/16

Left Out: 484.086 $\pm$ 0.089 χ^2 /NDF: 625859.6/19

Right Out: 720.201 $\pm$ 0.198 χ^2 /NDF: 899934.4/18

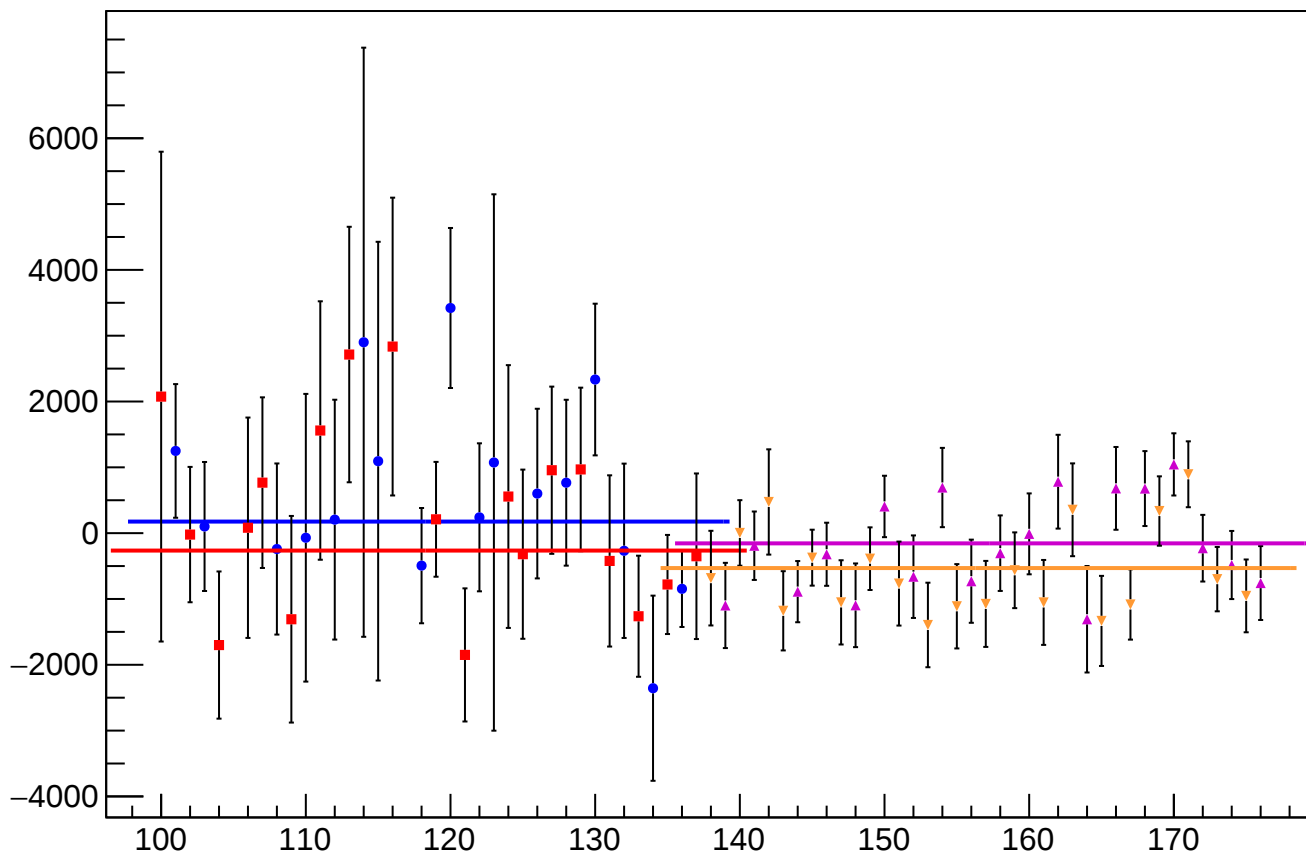
Left In: 482.486 $\pm$ 0.090 χ^2 /NDF: 467508.0/18

+ sign 521.342 $\pm$ 0.082 χ^2 /NDF: 2465685.7/36

All: 522.251 $\pm$ 0.058 χ^2 /NDF: 5032957.0/74

- sign 523.161 $\pm$ 0.082 χ^2 /NDF: 2567023.5/37

asym_sam_26_48_dd_mean vs Slug



Right In: 175.854 $\pm$ 287.218 χ^2 /NDF: 19.7/16

Left Out: -530.454 $\pm$ 128.608 χ^2 /NDF:24.5/19

Right Out: -264.622 $\pm$ 283.074 χ^2 /NDF: 14.8/18

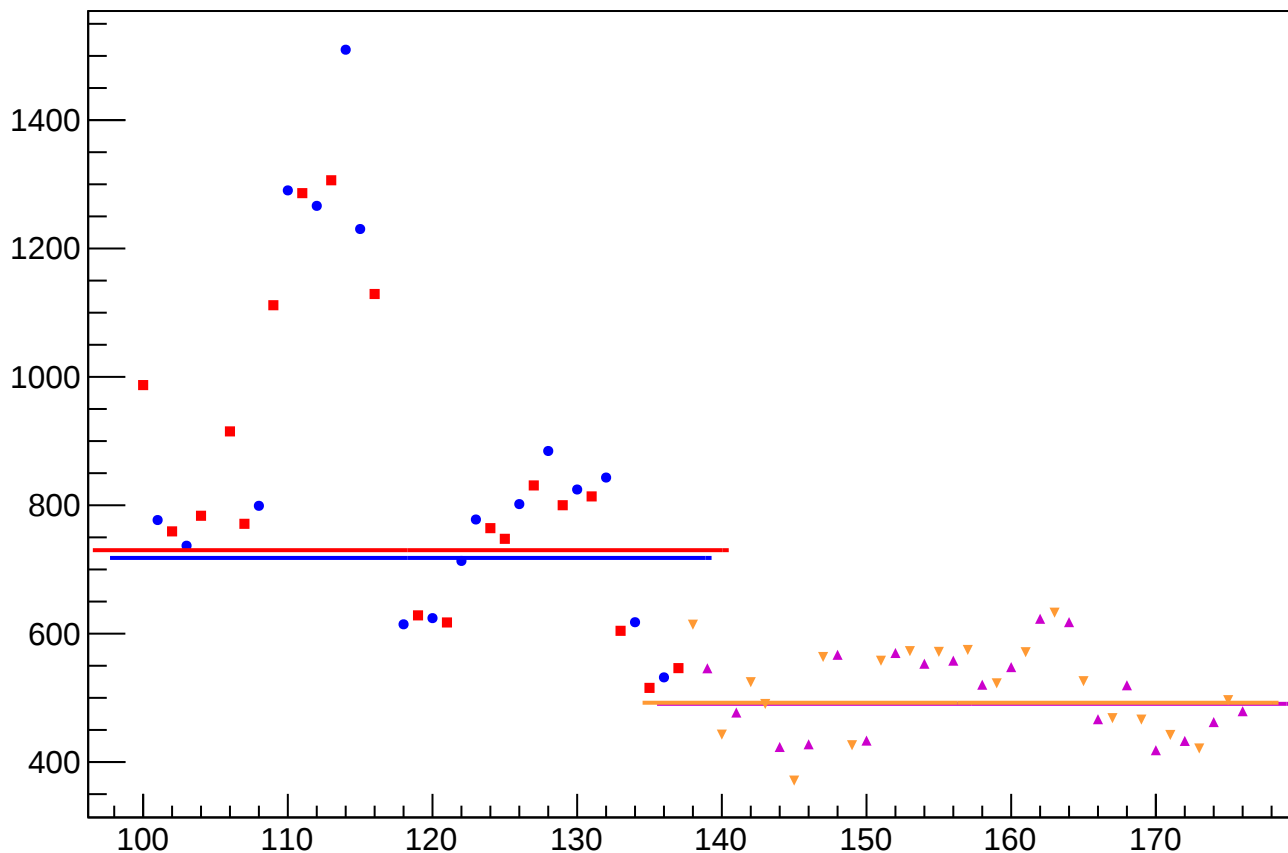
Left In: -155.197 $\pm$ 129.085 χ^2 /NDF:27.6/18

+ sign -412.492 $\pm$ 117.378 χ^2 /NDF: 49.3/36

All: -293.336 $\pm$ 83.024 χ^2 /NDF: 93.9/74

- sign -174.034 $\pm$ 117.450 χ^2 /NDF: 42.6/37

asym_sam_26_48_dd_rms vs Slug



Right In: 717.973 $\pm$ 0.203 χ^2 /NDF: 778580.1/16

Left Out: 492.384 $\pm$ 0.091 χ^2 /NDF: 612371.6/19

Right Out: 730.040 $\pm$ 0.200 χ^2 /NDF: 881842.0/18

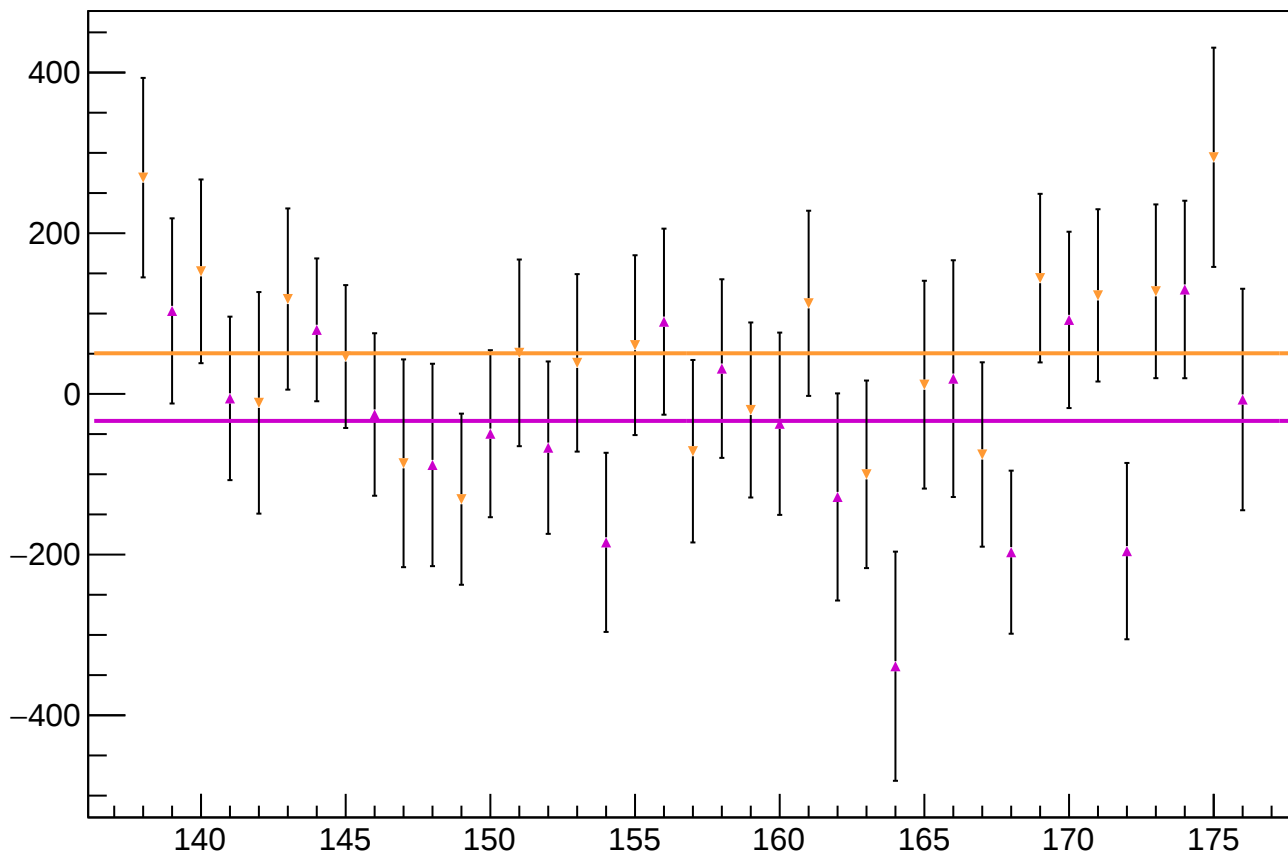
Left In: 490.686 $\pm$ 0.091 χ^2 /NDF: 456623.1/18

+ sign 530.060 $\pm$ 0.083 χ^2 /NDF: 2418683.7/36

All: 530.975 $\pm$ 0.059 χ^2 /NDF: 4941151.8/74

- sign 531.890 $\pm$ 0.083 χ^2 /NDF: 2522225.2/37

reg_asym_sam_1548_avg_mean vs Slug



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

Left Out: 50.564+/-25.431 χ^2/NDF : 18.3/19

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

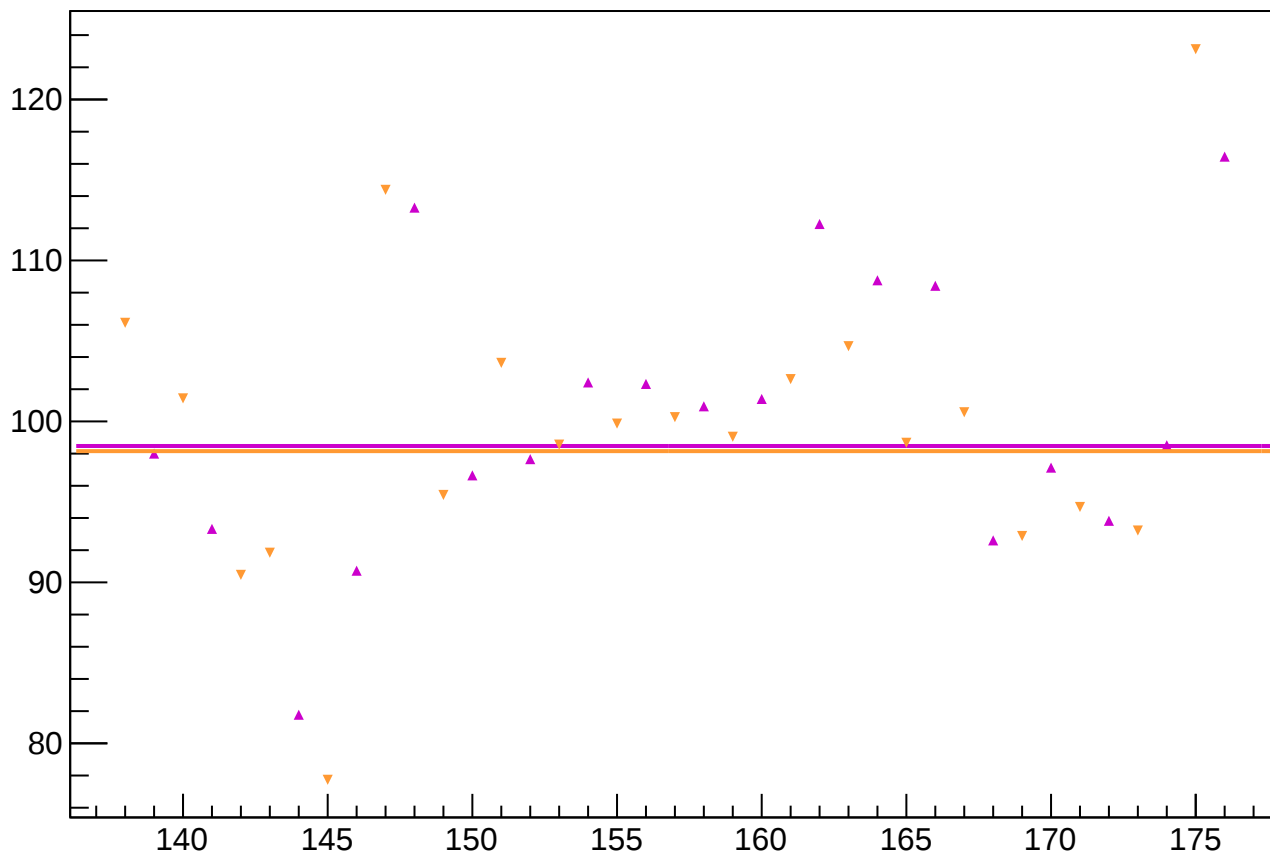
Left In: -33.604+/-25.772 χ^2/NDF : 20.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.041+/-18.102 χ^2/NDF : 44.0/38

- sign 0.000+/-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: 98.153+/-0.018 χ^2/NDF : 254883.9/19

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

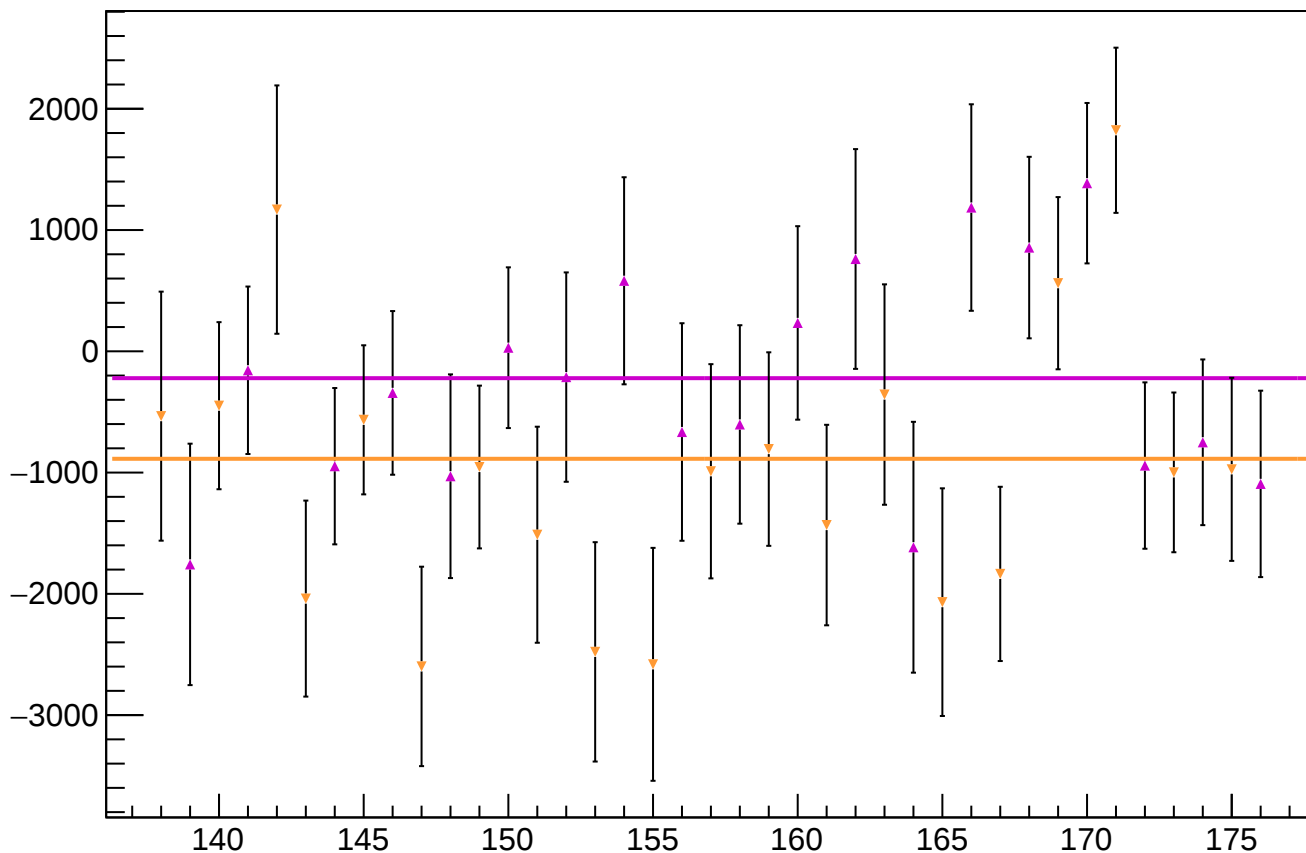
Left In: 98.473+/-0.018 χ^2/NDF : 209907.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.311+/-0.013 χ^2/NDF : 464947.7/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -886.331+/-176.088 χ^2/NDF : 42.1/19

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

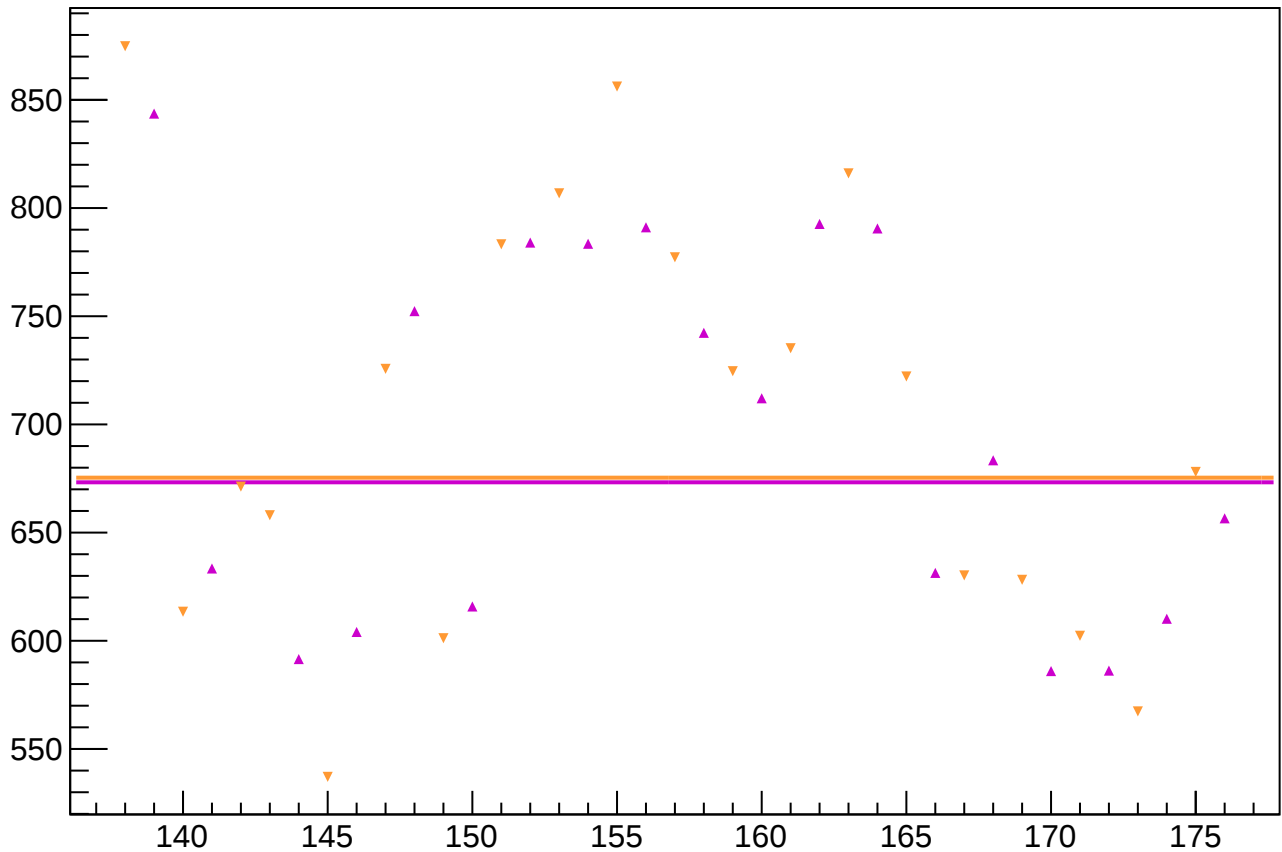
Left In: -221.573+/-176.808 χ^2/NDF : 23.1/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -555.307+/-124.767 χ^2/NDF : 72.3/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 675.387+/-0.125 χ^2/NDF : 559219.0/19

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

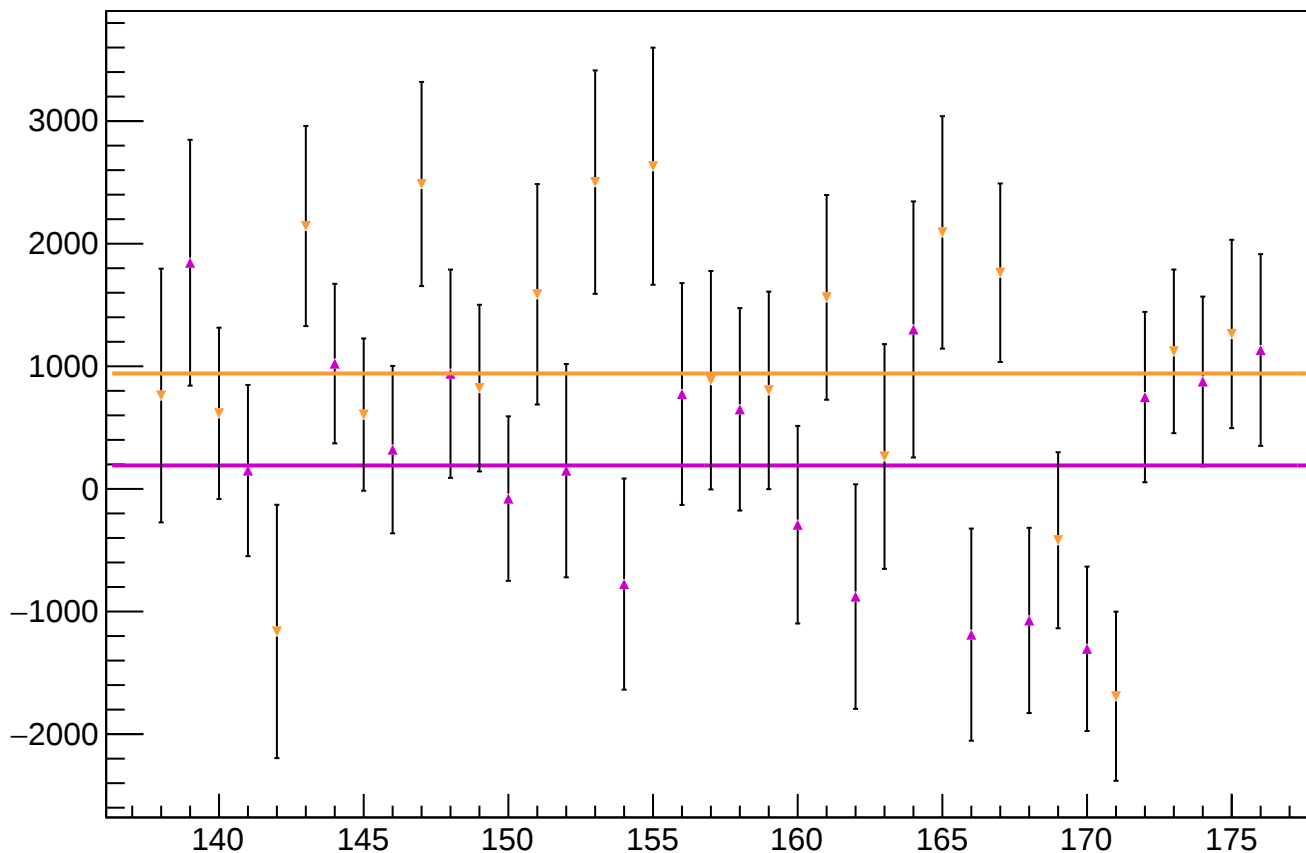
Left In: 673.245+/-0.125 χ^2/NDF : 421615.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 674.320+/-0.088 χ^2/NDF : 980982.0/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 941.552 $\pm$ 178.057 χ^2 /NDF:39.1/19

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

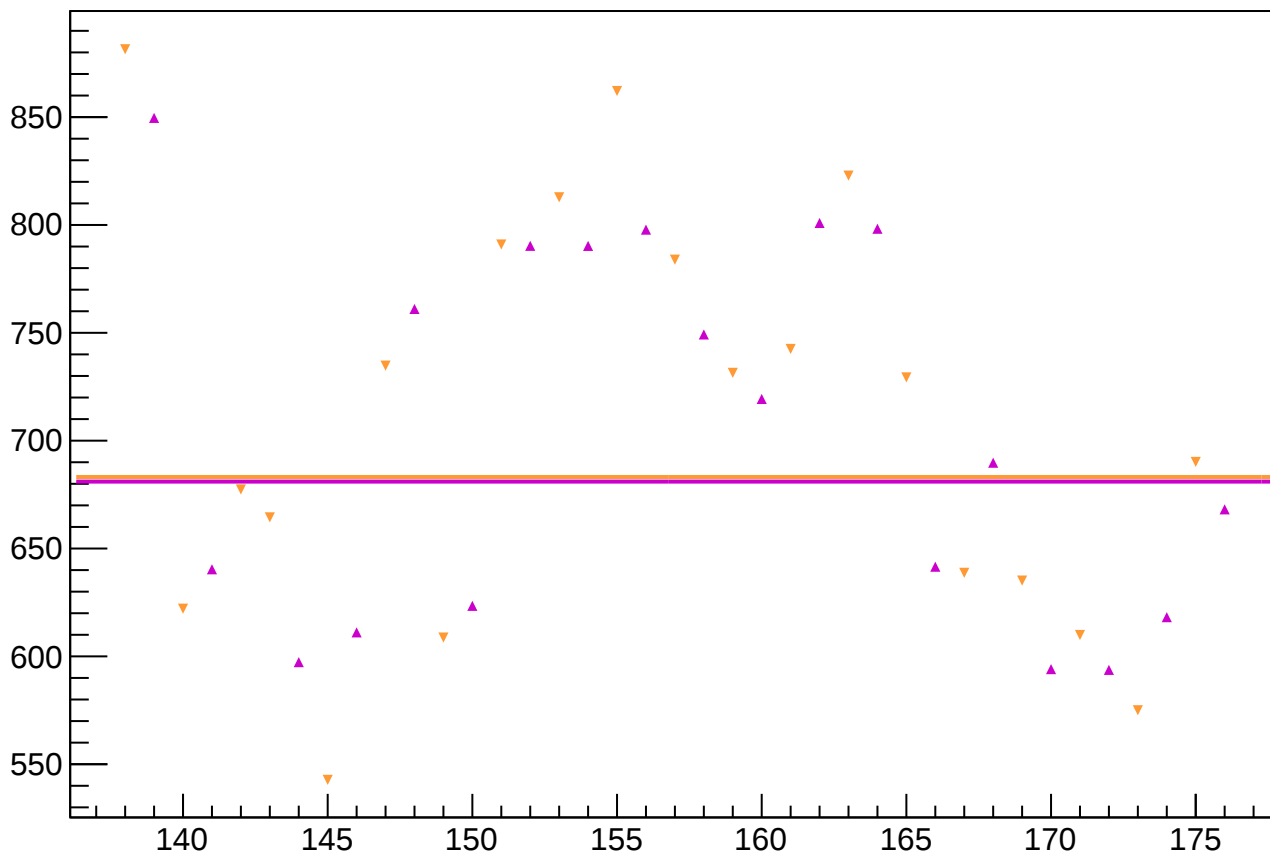
Left In: 191.260 $\pm$ 178.810 χ^2 /NDF:23.6/18

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

All: 567.988 $\pm$ 126.171 χ^2 /NDF: 71.5/38

- sign 0.000 $\pm$ 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: 683.144+/-0.126 χ^2/NDF : 547247.4/19

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

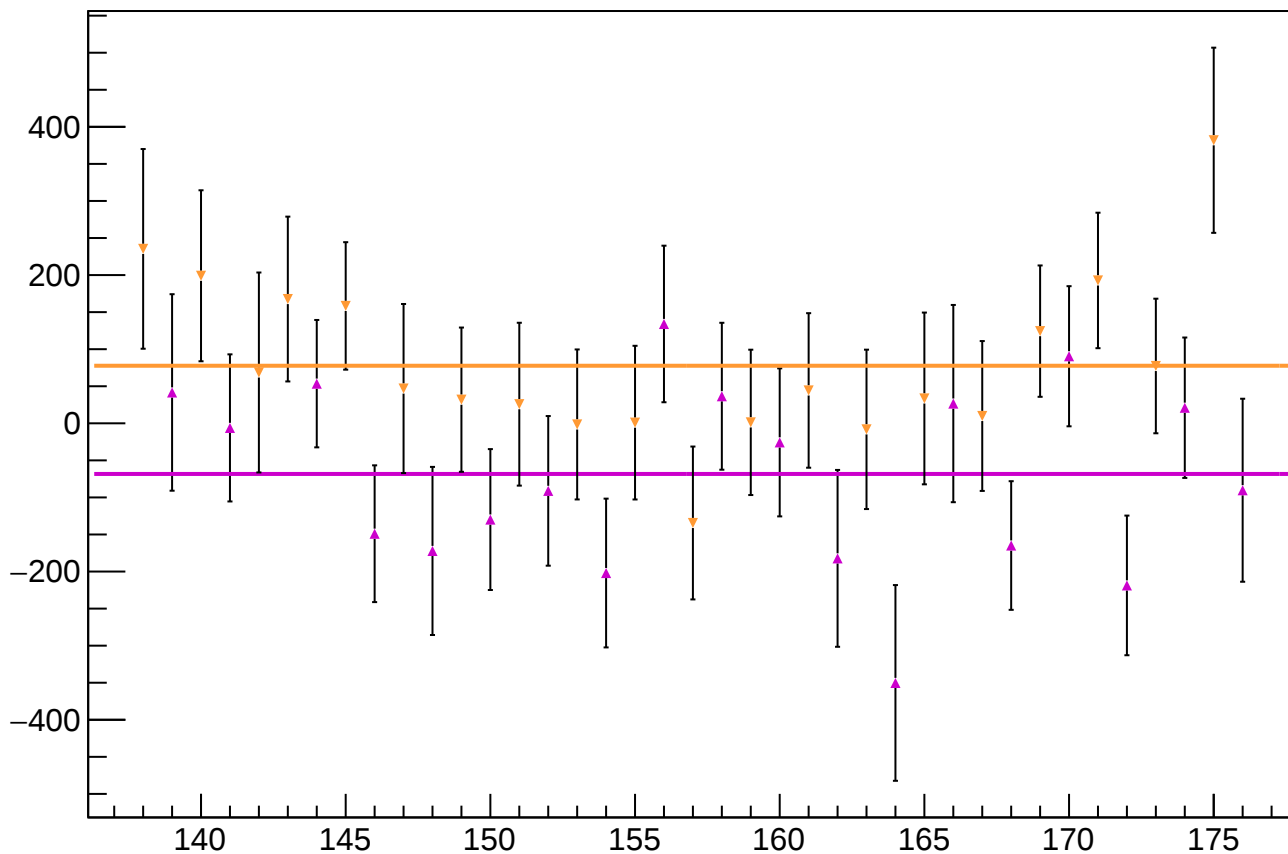
Left In: 681.024+/-0.126 χ^2/NDF : 411375.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 682.089+/-0.089 χ^2/NDF : 958764.0/38

- 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: 77.673 $\pm$ 23.321 χ^2 /NDF:19.7/19

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

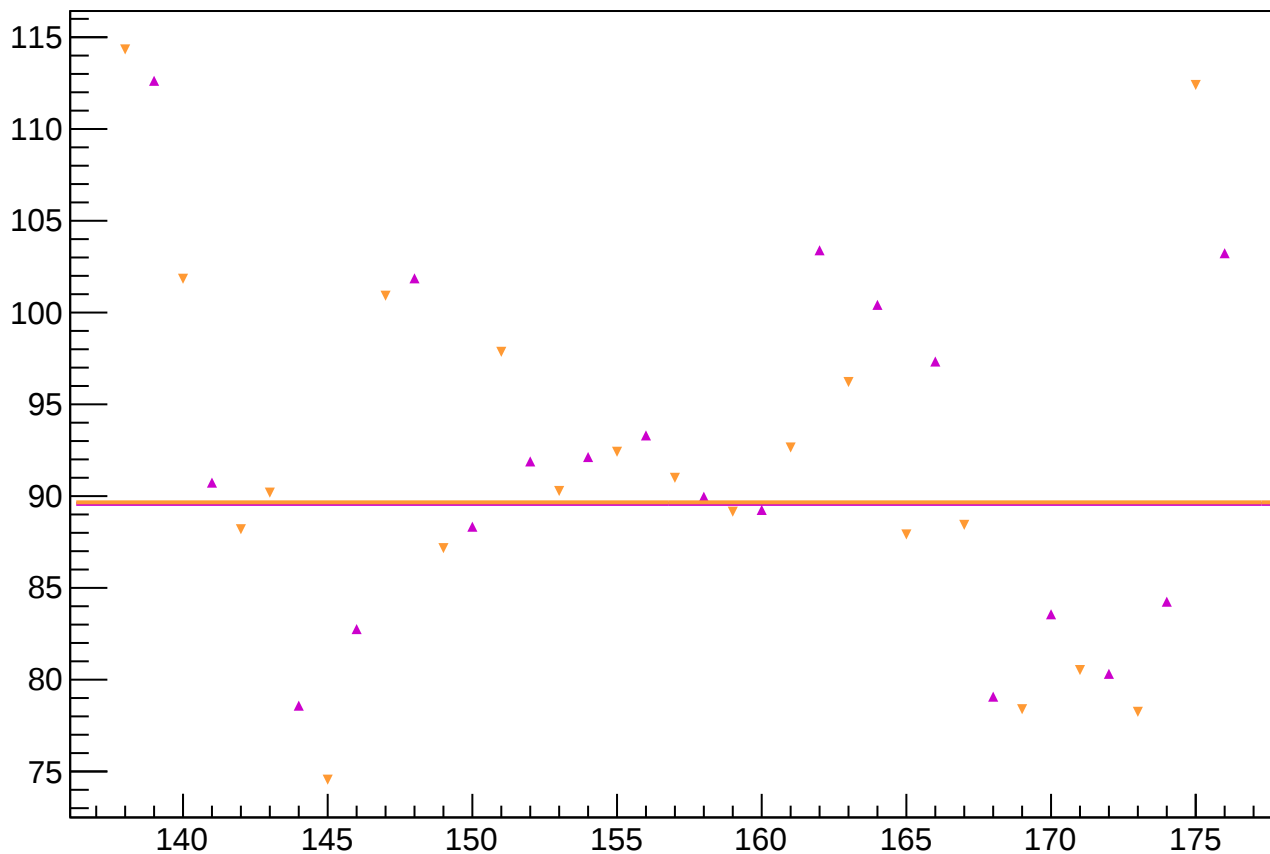
Left In: -68.331 $\pm$ 23.522 χ^2 /NDF:25.4/18

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

All: 5.297 $\pm$ 16.561 χ^2 /NDF: 64.5/38

- 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: 89.660+/-0.016 χ^2/NDF : 345232.1/19

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

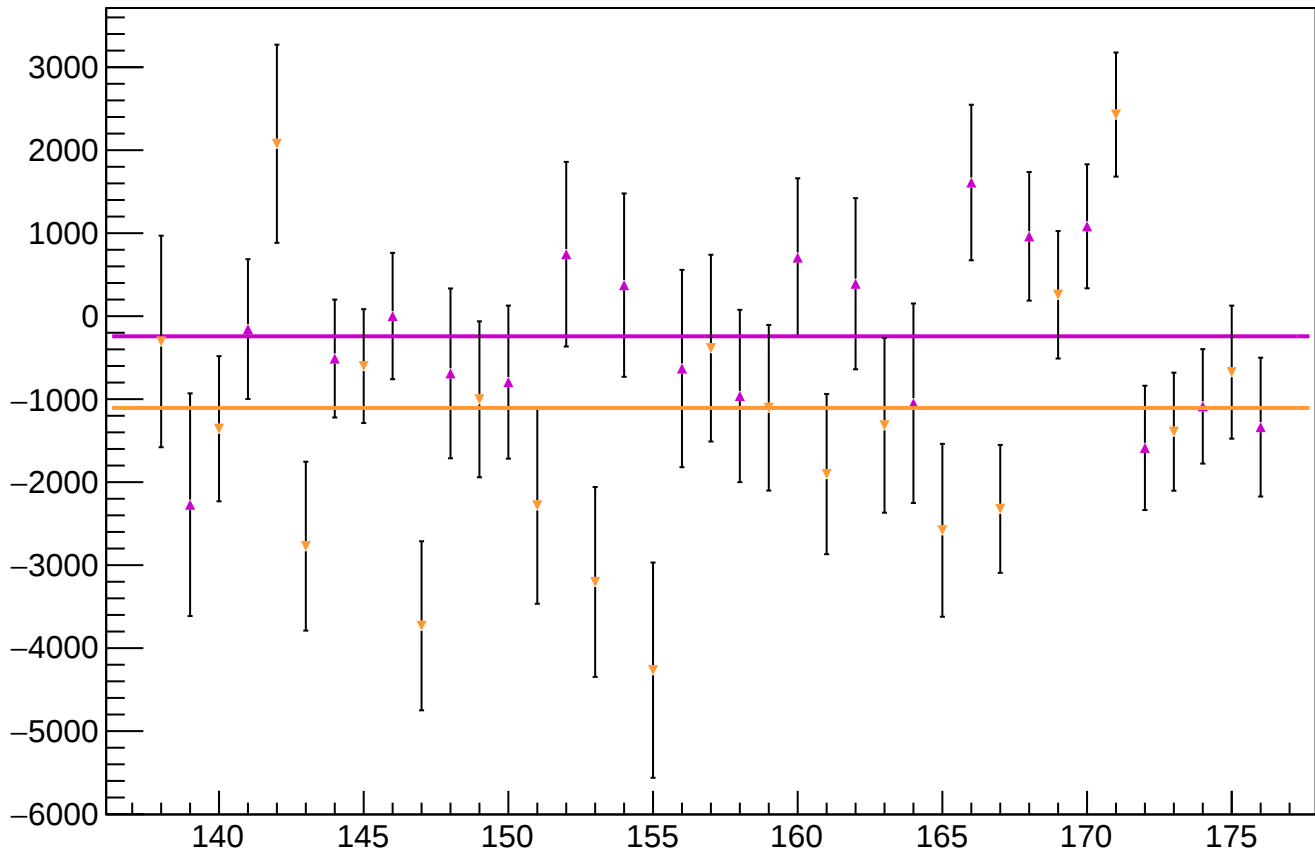
Left In: 89.578+/-0.017 χ^2/NDF : 267710.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.619+/-0.012 χ^2/NDF : 612954.6/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1105.972 $\pm$ 207.277 χ^2 /NDF:59.3/19

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

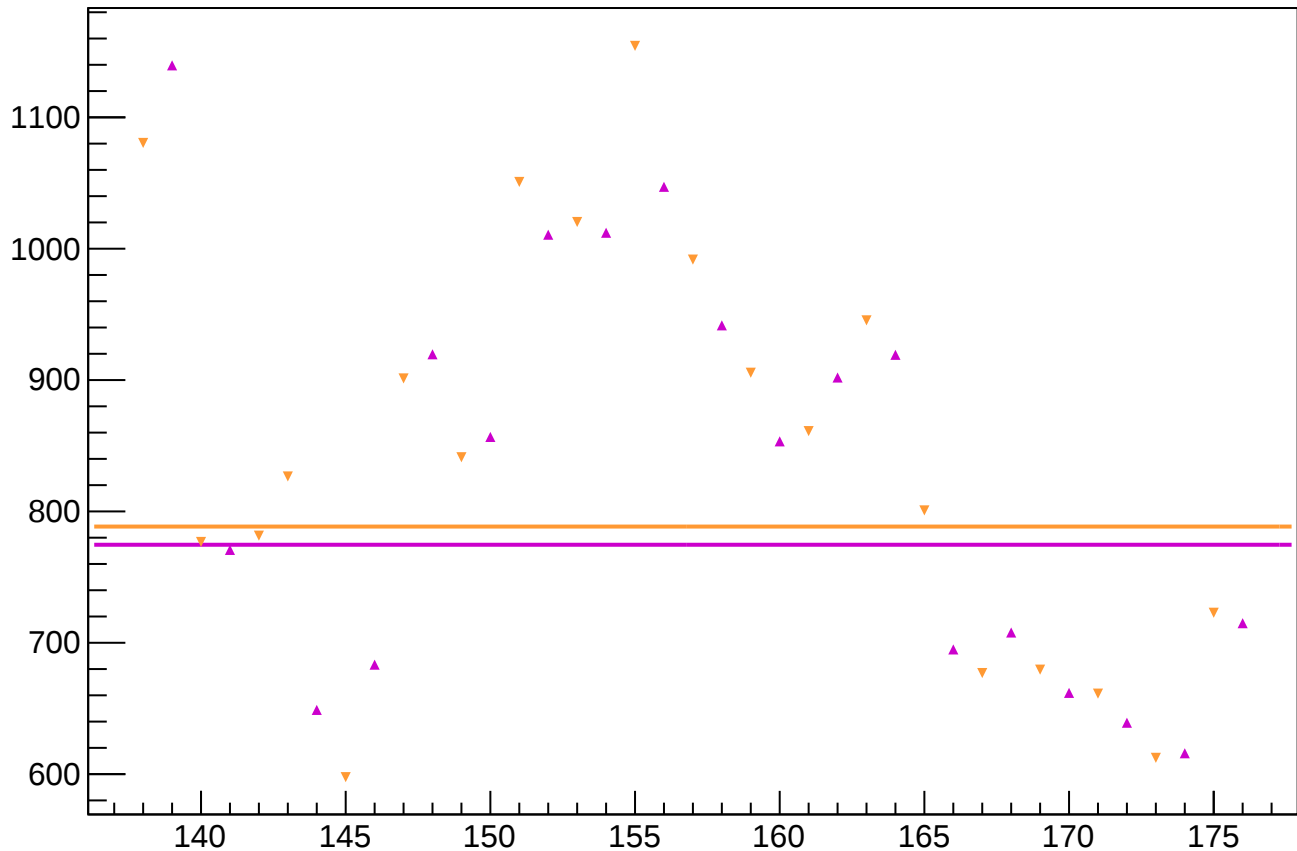
Left In: -242.506 $\pm$ 205.376 χ^2 /NDF:22.5/18

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

All: -670.262 $\pm$ 145.890 χ^2 /NDF: 90.6/38

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

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 788.472+/-0.147 χ^2/NDF :1057892.9/19

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

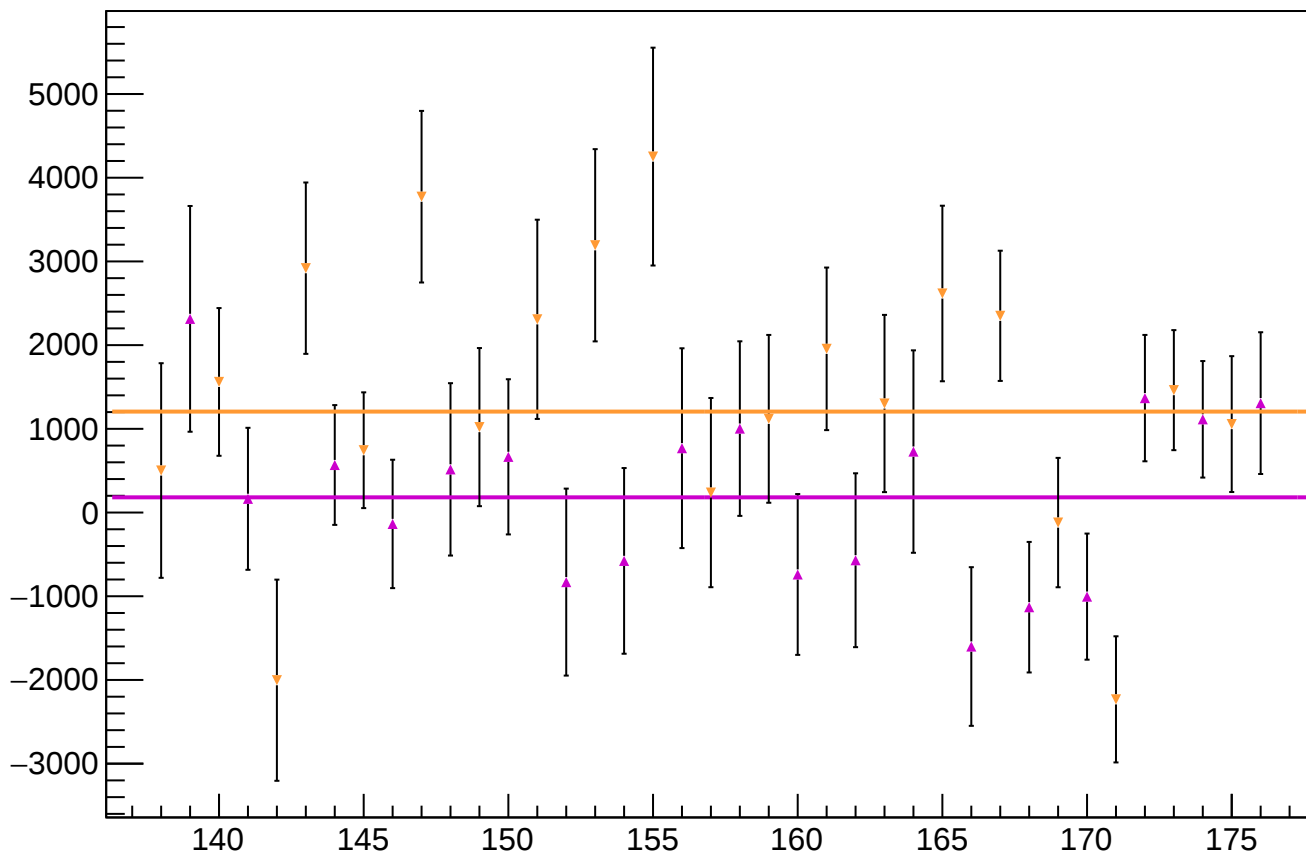
Left In: 774.622+/-0.145 χ^2/NDF :964418.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.483+/-0.103 χ^2/NDF : 2026817.7/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1206.089 $\pm$ 208.745 χ^2 /NDF:55.7/19

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

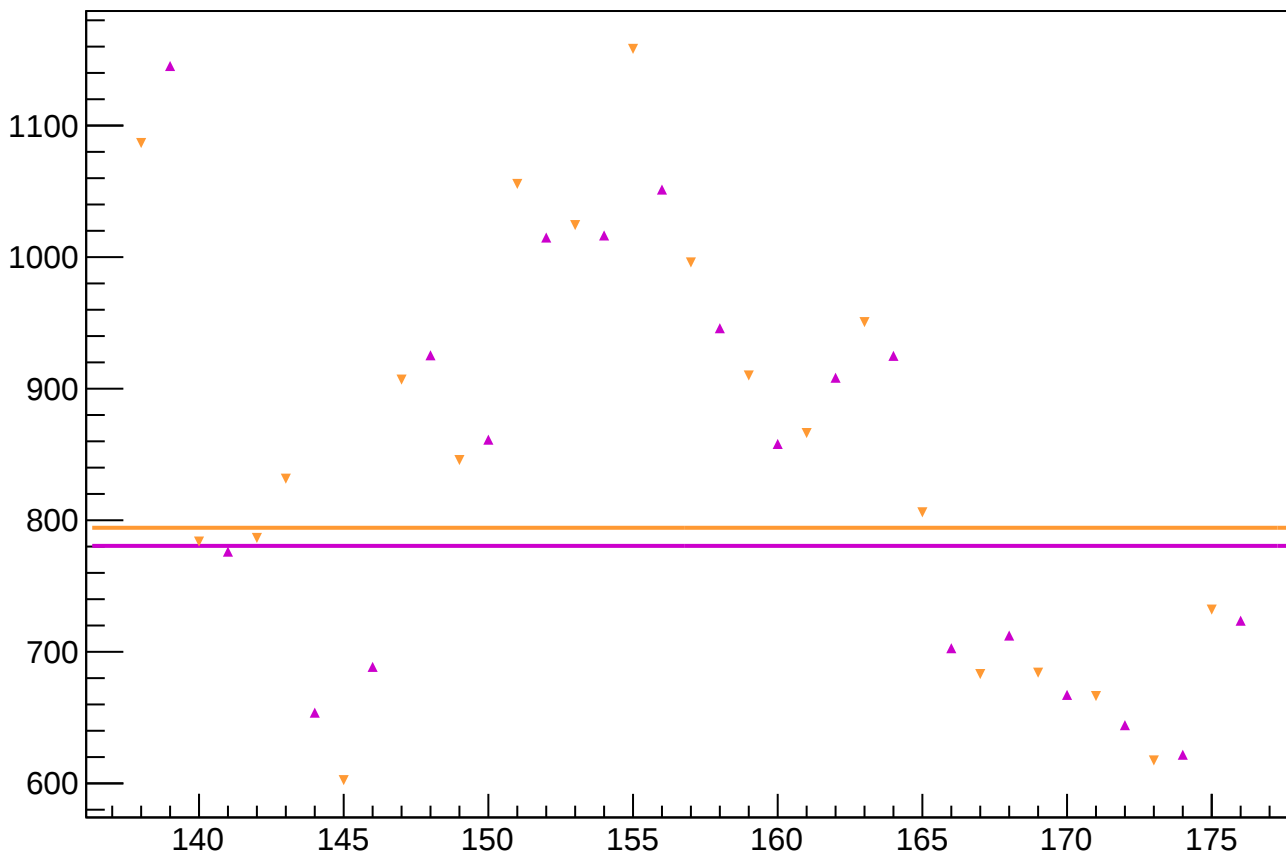
Left In: 181.609 $\pm$ 206.882 χ^2 /NDF:22.0/18

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

All: 689.257 $\pm$ 146.942 χ^2 /NDF: 89.9/38

- sign 0.000 $\pm$ 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: 794.287+/-0.148 χ^2/NDF :1041949.1/19

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

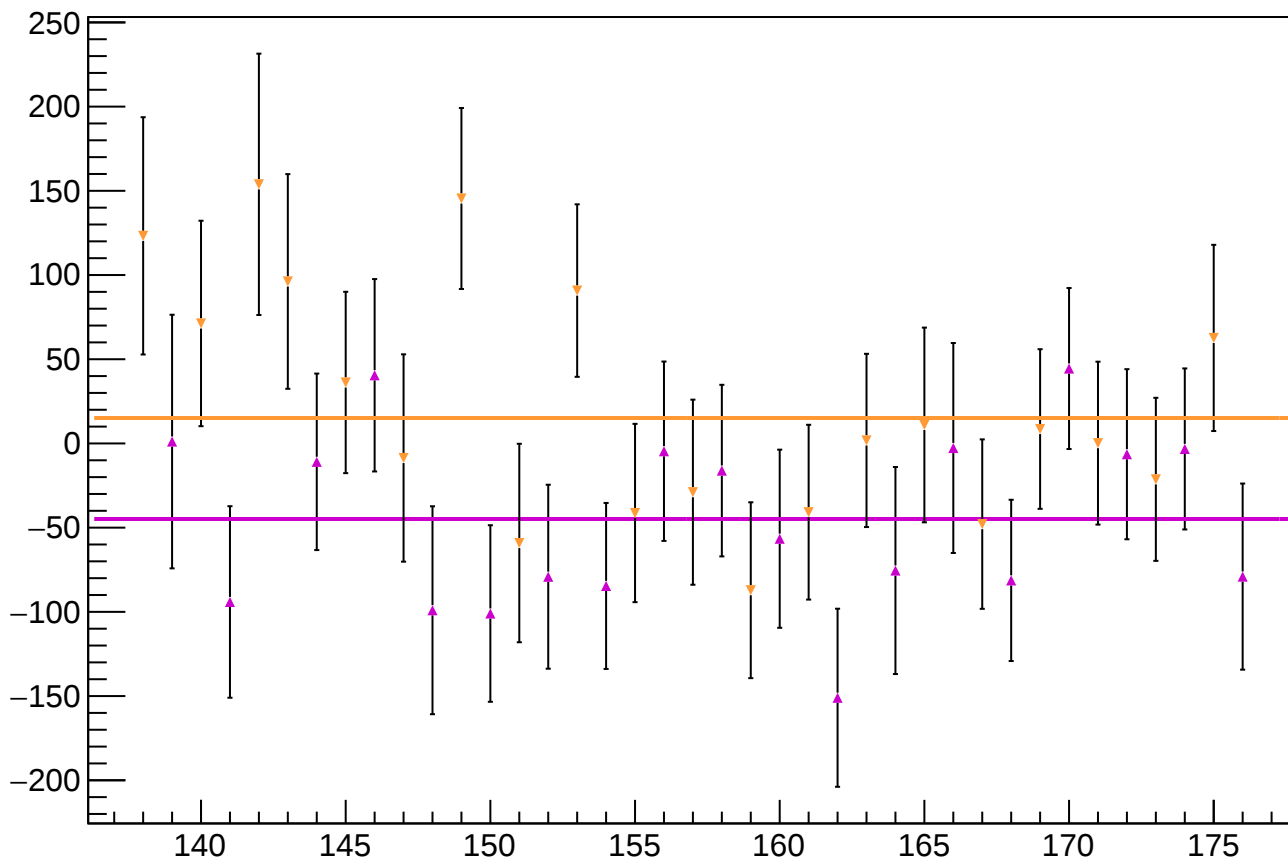
Left In: 780.526+/-0.146 χ^2/NDF :948527.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.345+/-0.104 χ^2/NDF : 1994862.0/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



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

Left Out: 15.113 $\pm$ 12.279 χ^2 /NDF:27.8/19

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

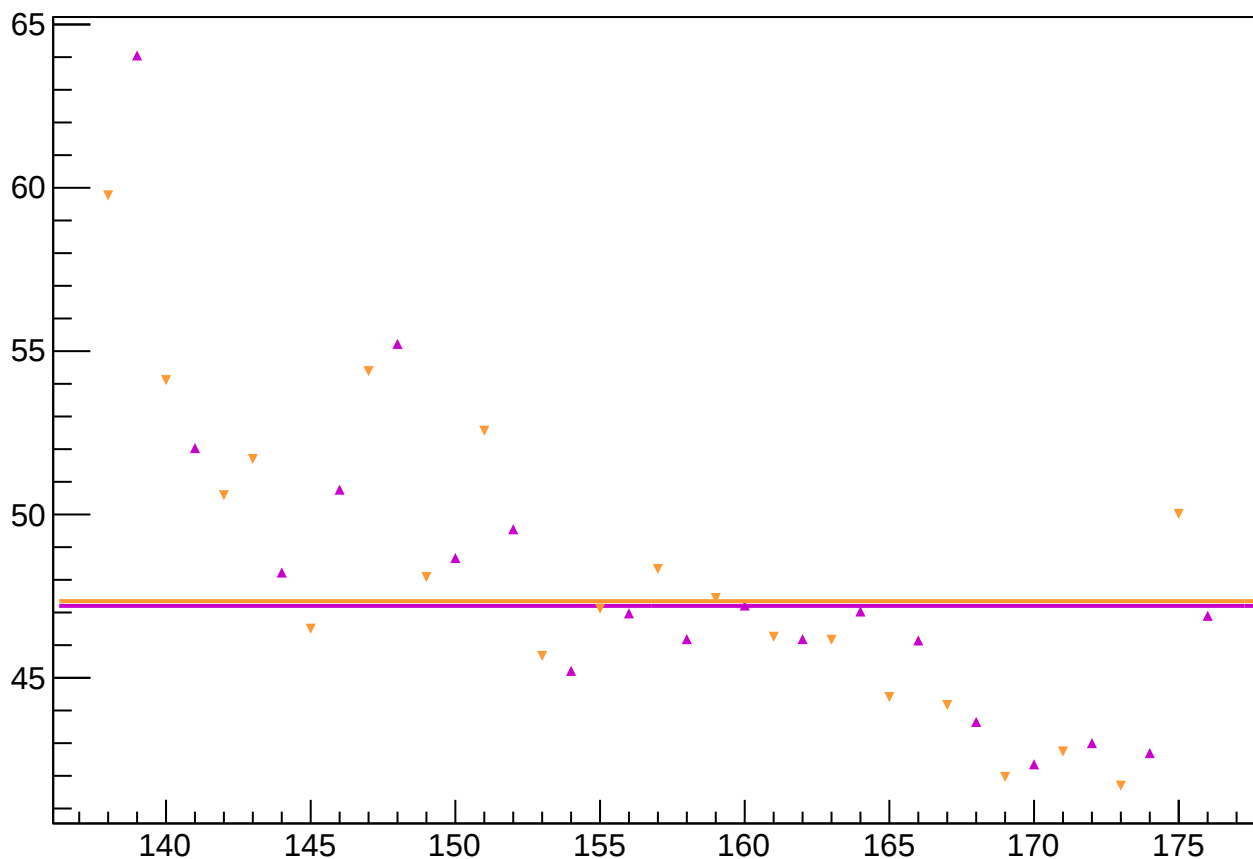
Left In: -44.857 $\pm$ 12.369 χ^2 /NDF:18.2/18

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

All: -14.653 $\pm$ 8.714 χ^2 /NDF: 57.9/38

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

reg_asym_sam_1526_avg_rms vs Slug



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

Left Out: 47.348+/-0.009 χ^2/NDF : 236020.4/19

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

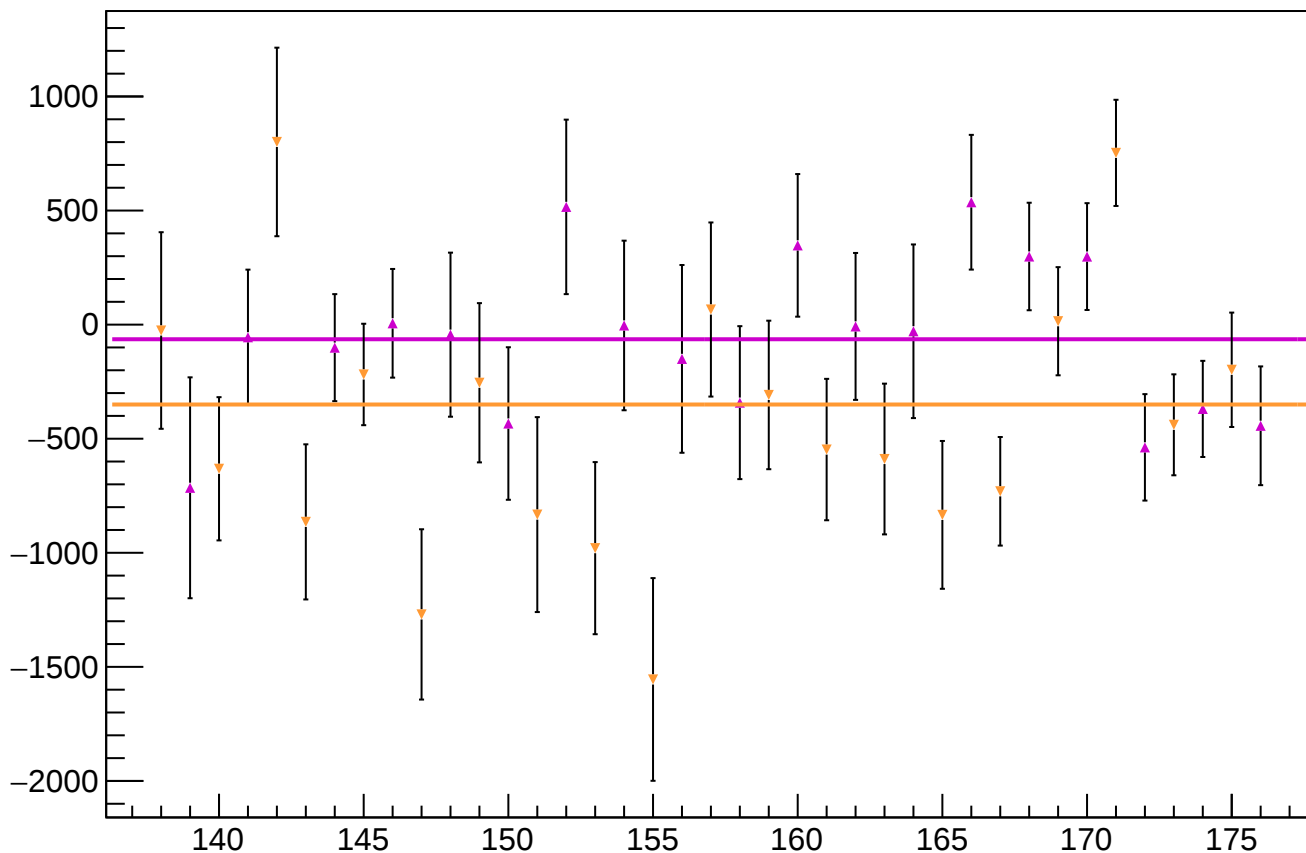
Left In: 47.202+/-0.009 χ^2/NDF : 230837.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.276+/-0.006 χ^2/NDF : 466999.0/38

- 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: -350.095 $\pm$ 67.585 χ^2 /NDF:61.6/19

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

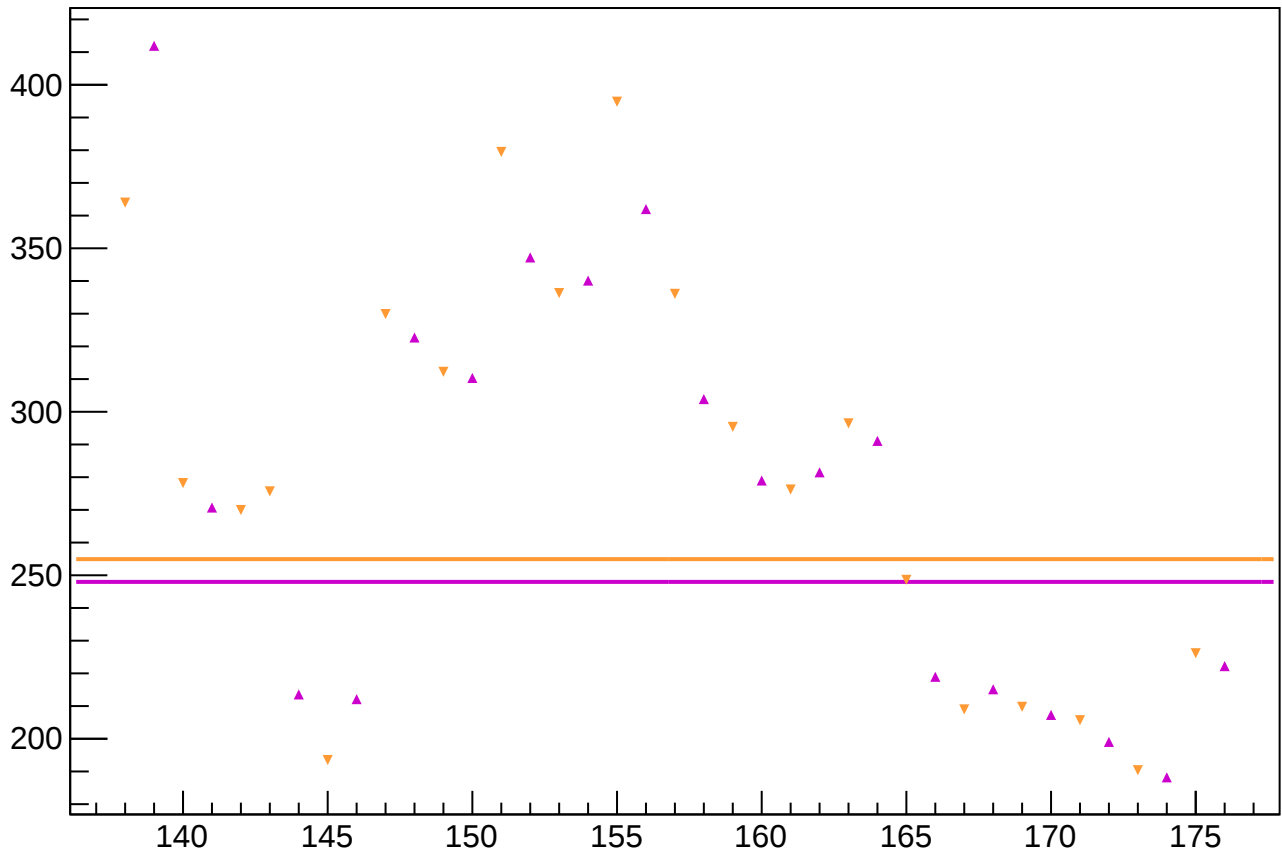
Left In: -64.048 $\pm$ 66.341 χ^2 /NDF:25.2/18

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

All: -204.415 $\pm$ 47.344 χ^2 /NDF: 96.0/38

- 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: 254.928+/-0.048 χ^2/NDF :1494434.6/19

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

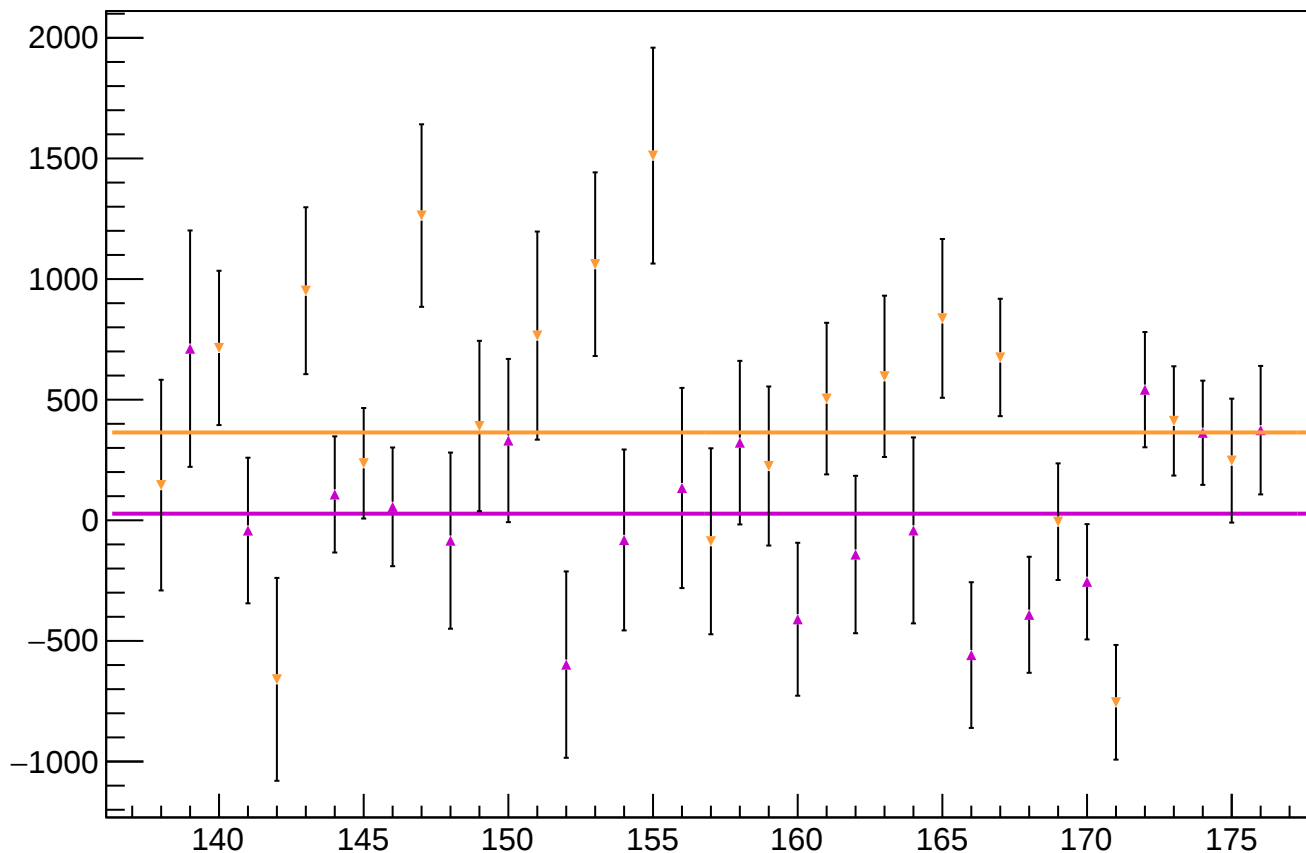
Left In: 247.978+/-0.047 χ^2/NDF :1406571.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.388+/-0.033 χ^2/NDF : 2911774.2/38

- 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: 364.180+/-68.856 χ^2/NDF : 57.7/19

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

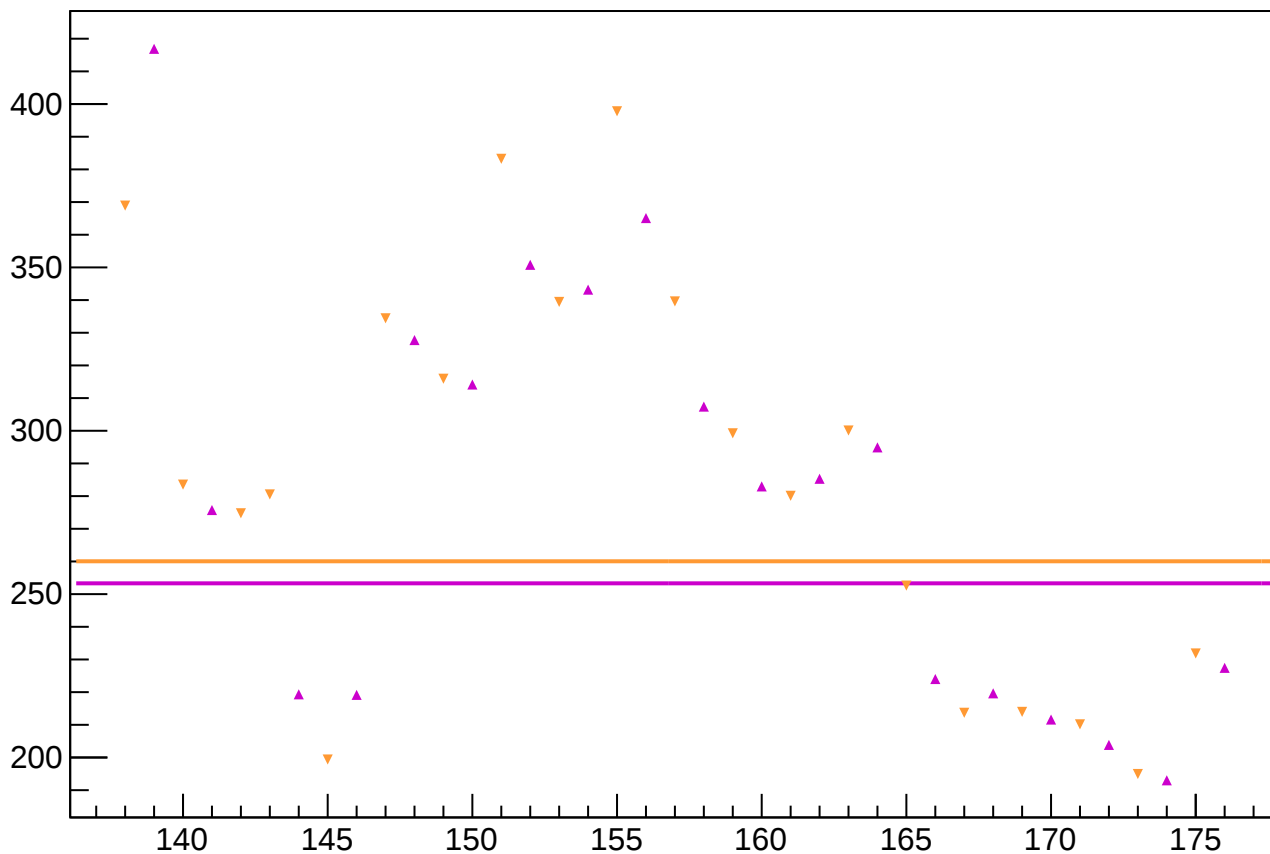
Left In: 27.446+/-67.677 χ^2/NDF : 25.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.905+/-48.266 χ^2/NDF : 95.5/38

- 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: 260.054+/-0.049 χ^2/NDF :1425665.1/19

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

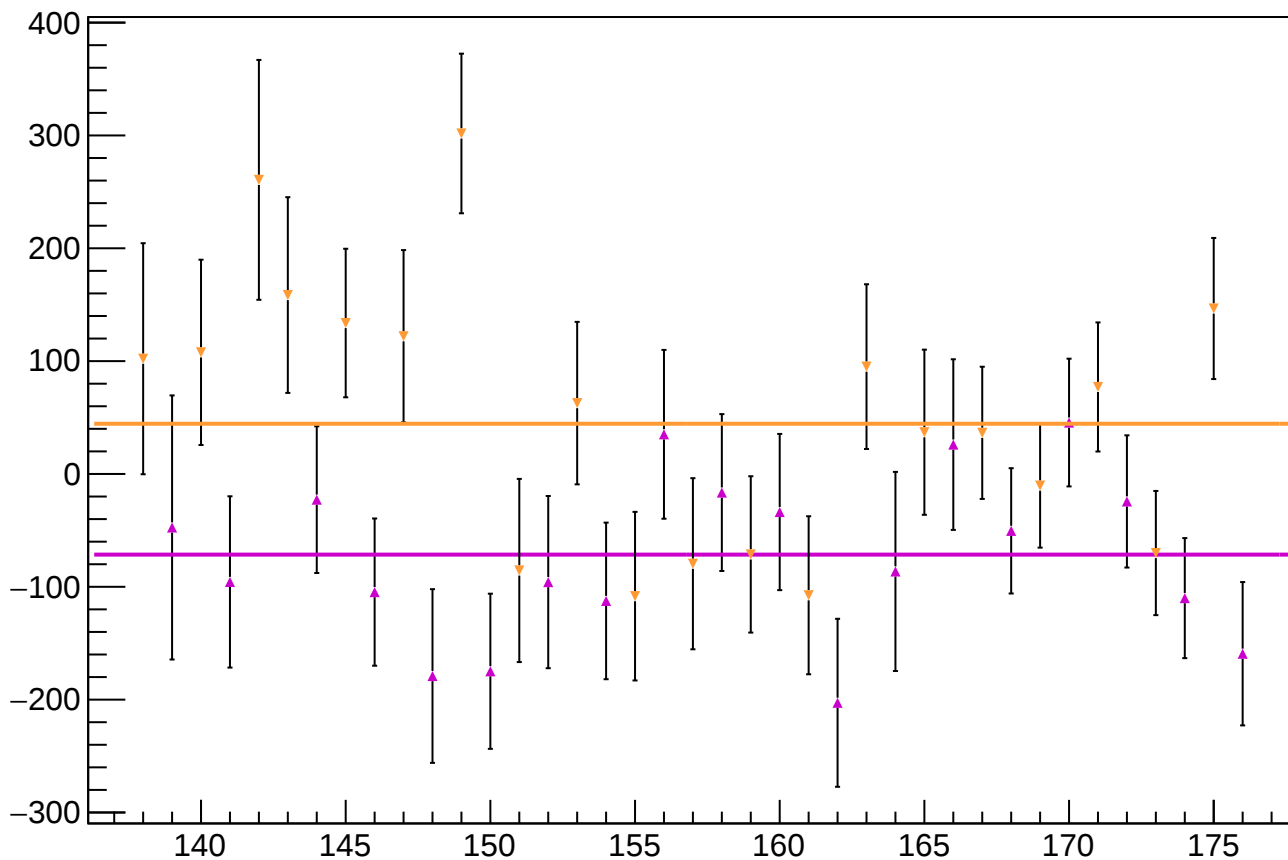
Left In: 253.307+/-0.048 χ^2/NDF :1337726.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.622+/-0.034 χ^2/NDF : 2773158.5/38

- 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: 44.520+/-15.683 χ^2/NDF : 48.7/19

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

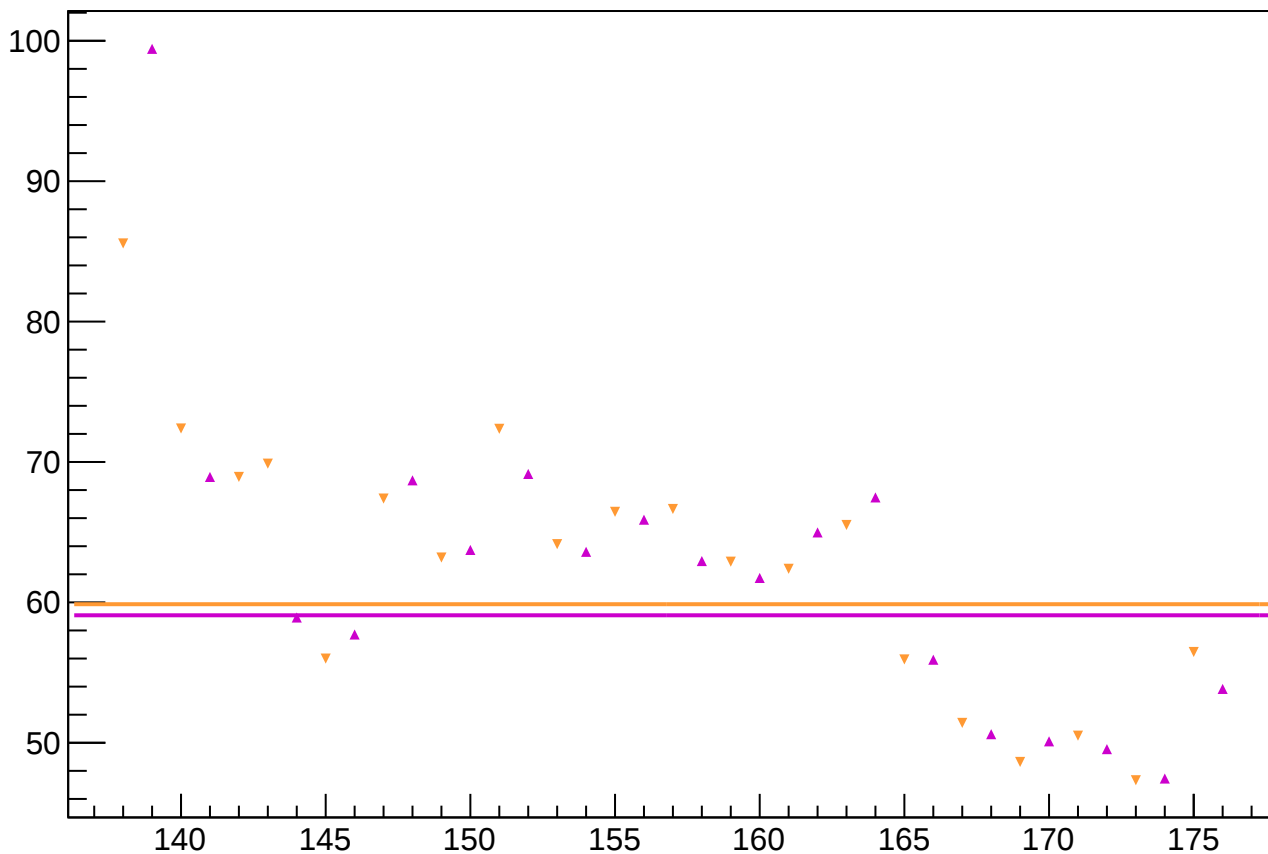
Left In: -71.474+/-15.645 χ^2/NDF : 20.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.617+/-11.076 χ^2/NDF : 97.0/38

- 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: 59.870+/-0.011 χ^2/NDF : 643097.1/19

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

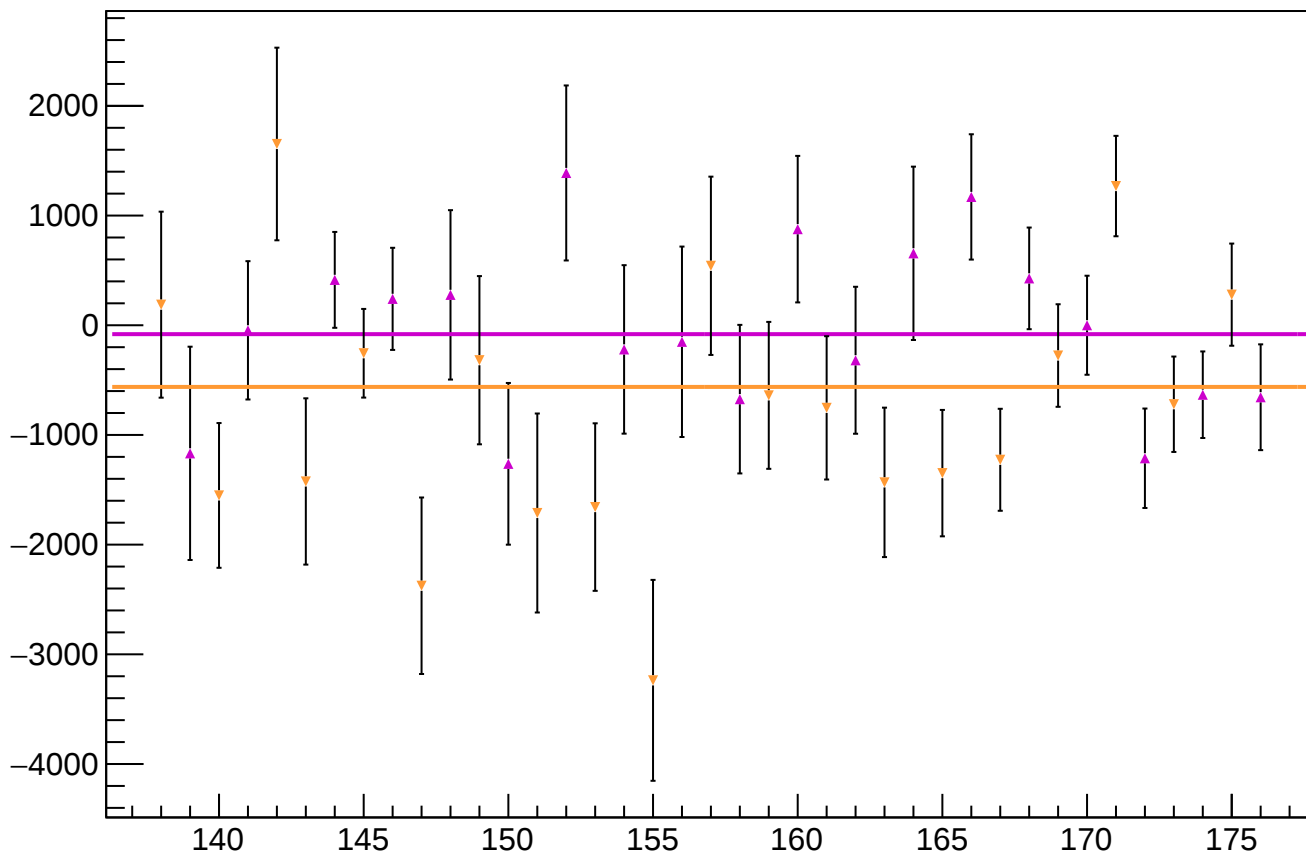
Left In: 59.081+/-0.011 χ^2/NDF : 674937.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.474+/-0.008 χ^2/NDF : 1320572.3/38

- 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: -562.182+/-134.424 χ^2/NDF : 55.9/19

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

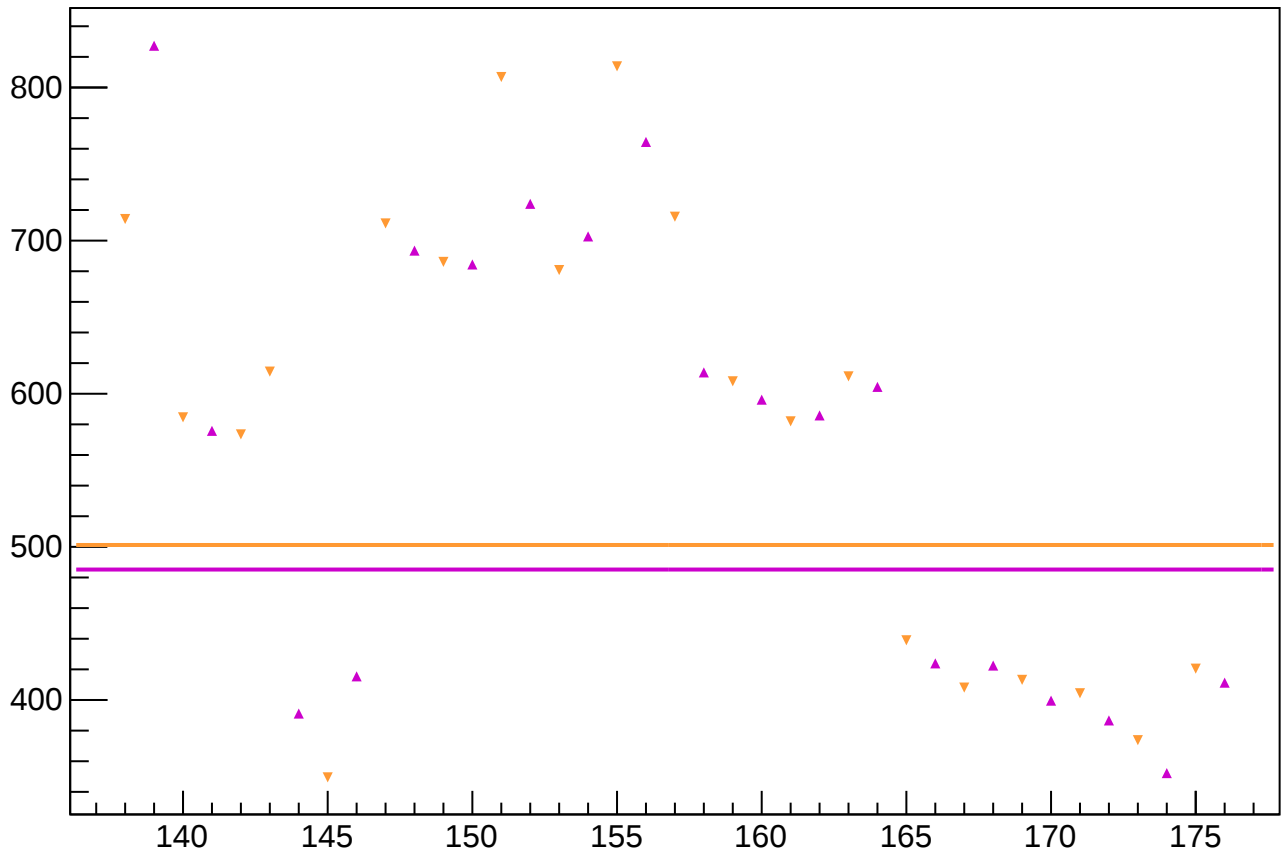
Left In: -81.167+/-131.300 χ^2/NDF : 28.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -316.020+/-93.928 χ^2/NDF : 91.1/38

- 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: 501.226+/-0.095 χ^2/NDF :2090301.0/19

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

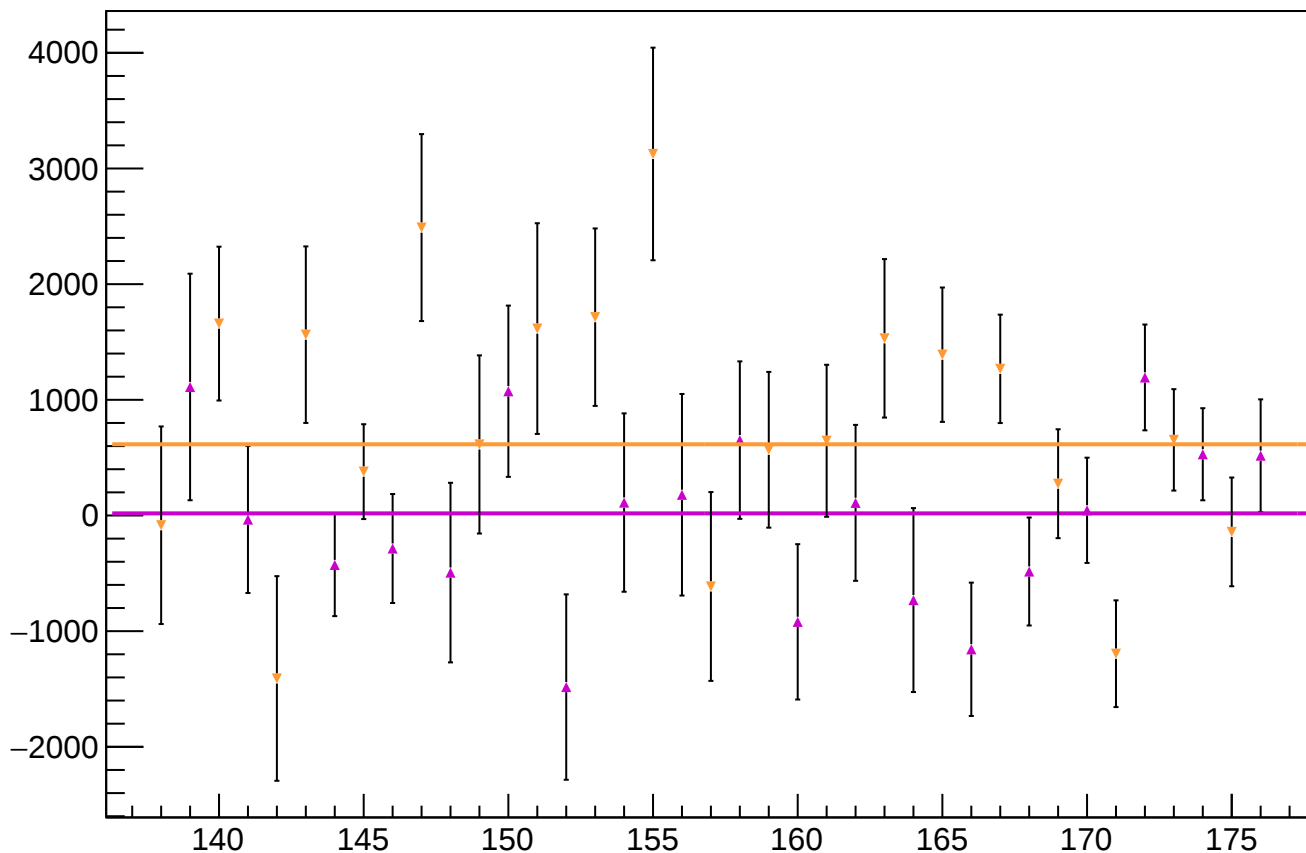
Left In: 485.193+/-0.093 χ^2/NDF :1983102.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.021+/-0.066 χ^2/NDF : 4087964.0/38

- 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: 615.715 $\pm$ 135.466 χ^2 /NDF:52.6/19

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

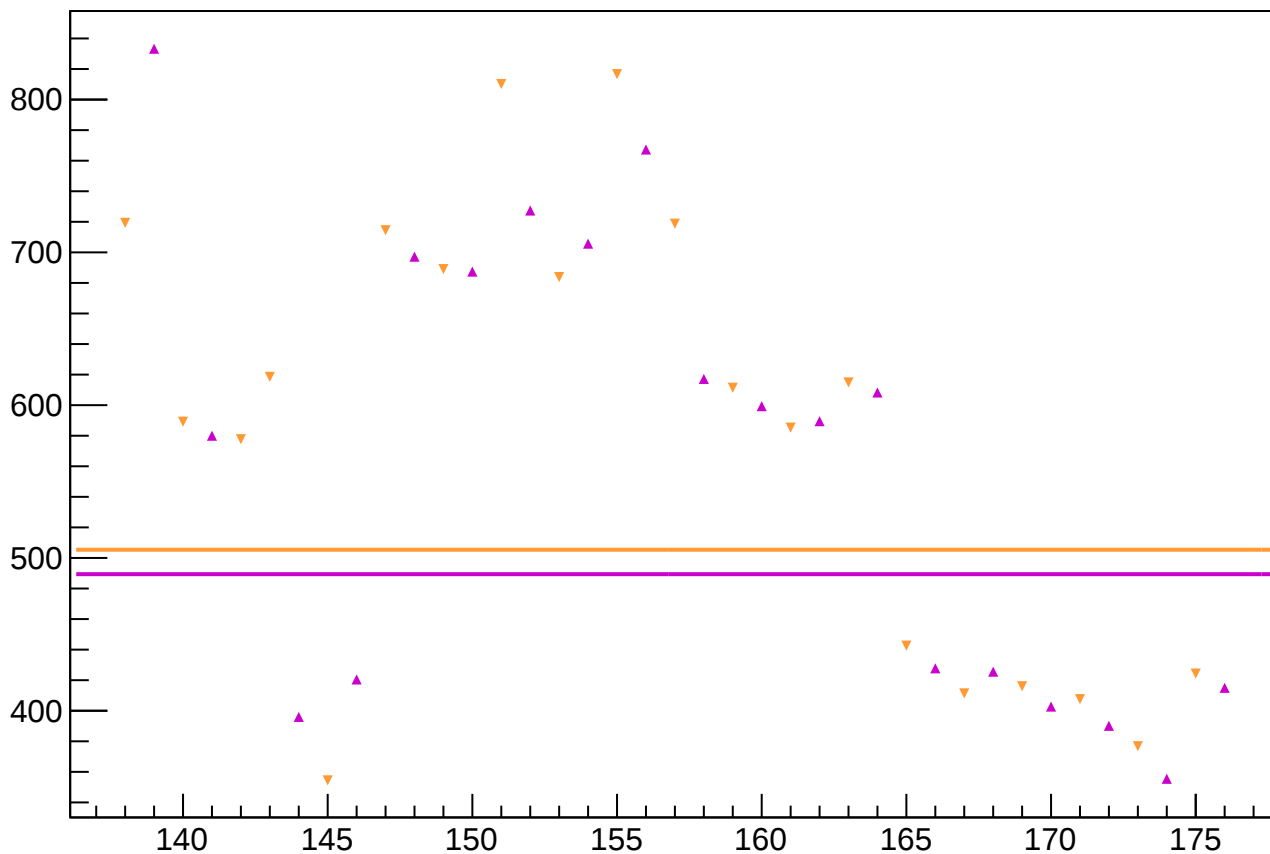
Left In: 18.368 $\pm$ 132.364 χ^2 /NDF:27.1/18

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

All: 310.123 $\pm$ 94.673 χ^2 /NDF: 89.7/38

- 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: 505.390+/-0.096 χ^2/NDF :2059209.0/19

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

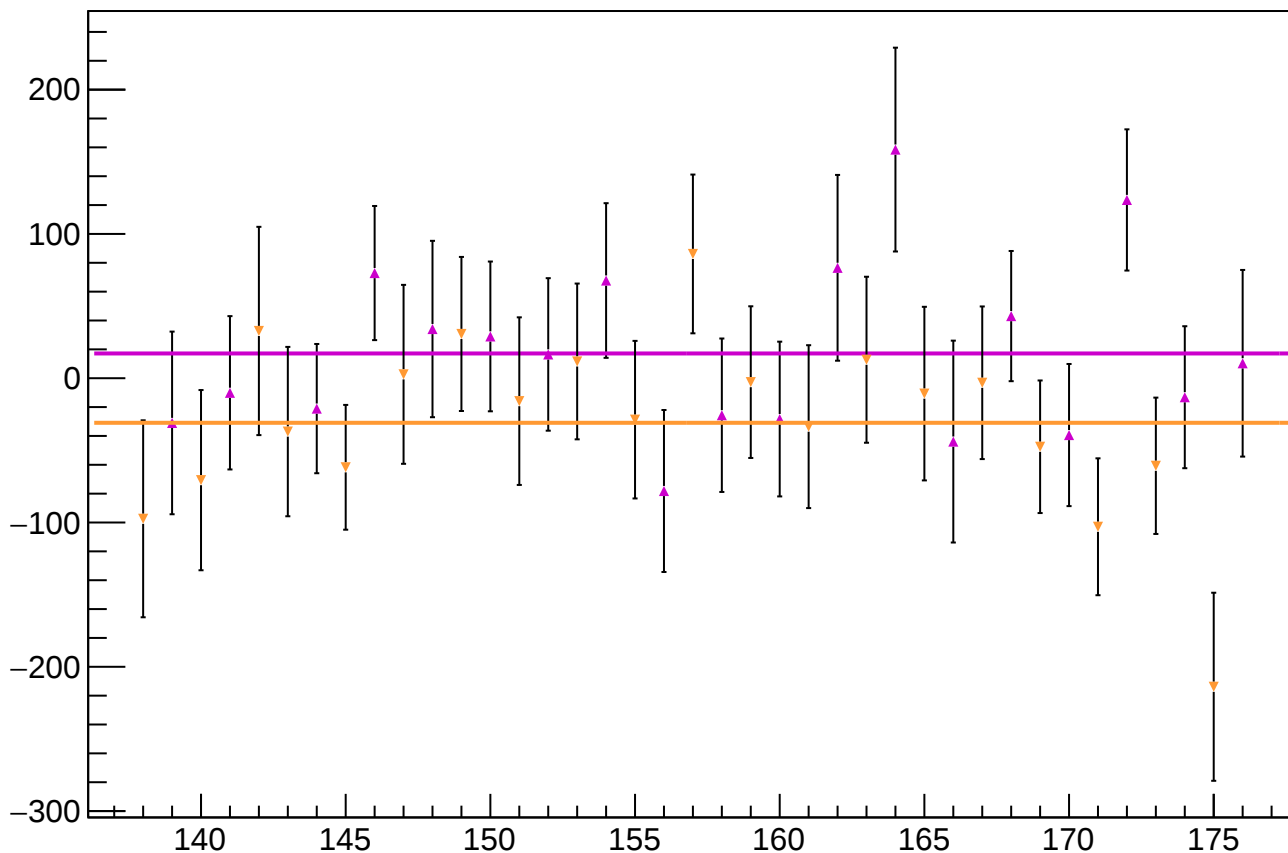
Left In: 489.381+/-0.094 χ^2/NDF :1955762.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.200+/-0.067 χ^2/NDF : 4029261.1/38

- 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: -30.894 ± 12.293 χ^2/NDF : 21.5/19

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

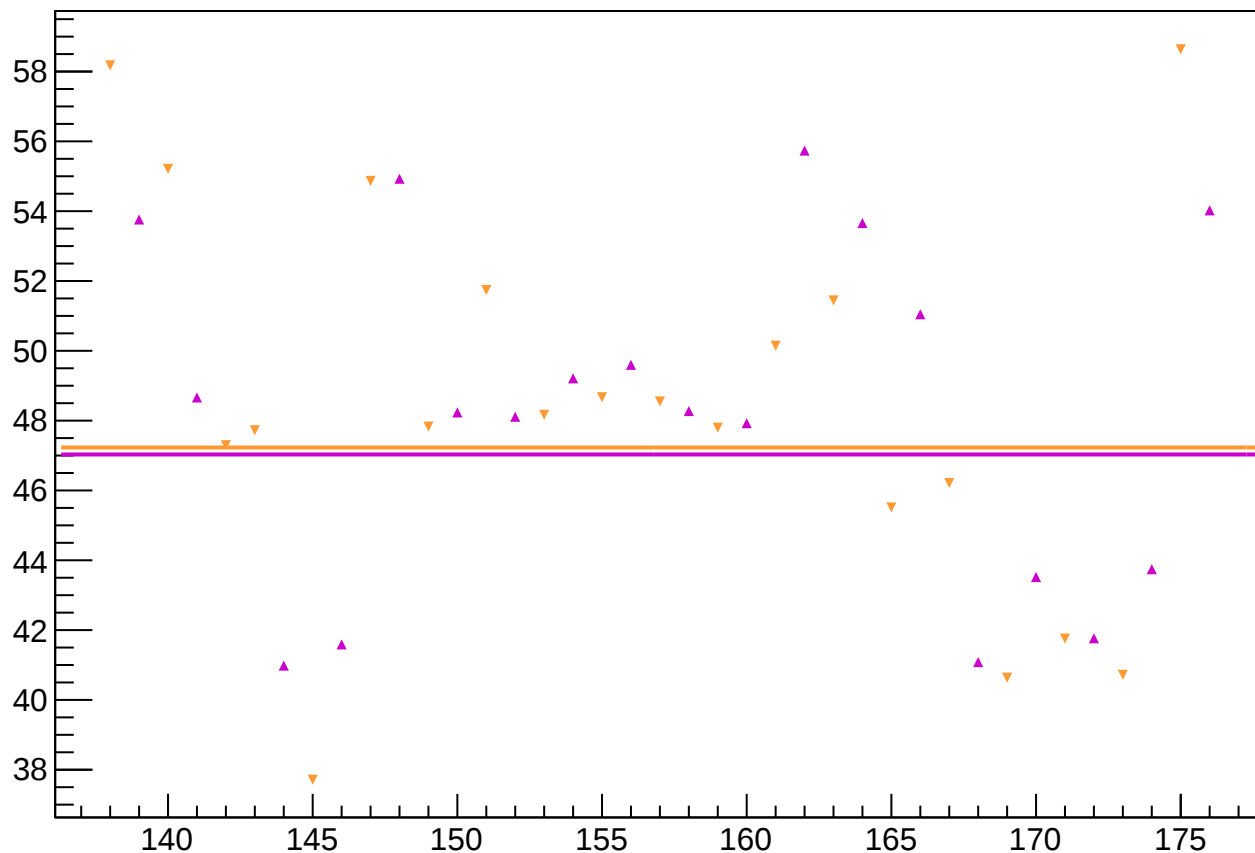
Left In: 17.161 ± 12.358 χ^2/NDF : 20.7/18

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.994 ± 8.715 χ^2/NDF : 49.7/38

- 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: 47.231+/-0.009 χ^2/NDF : 412661.2/19

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

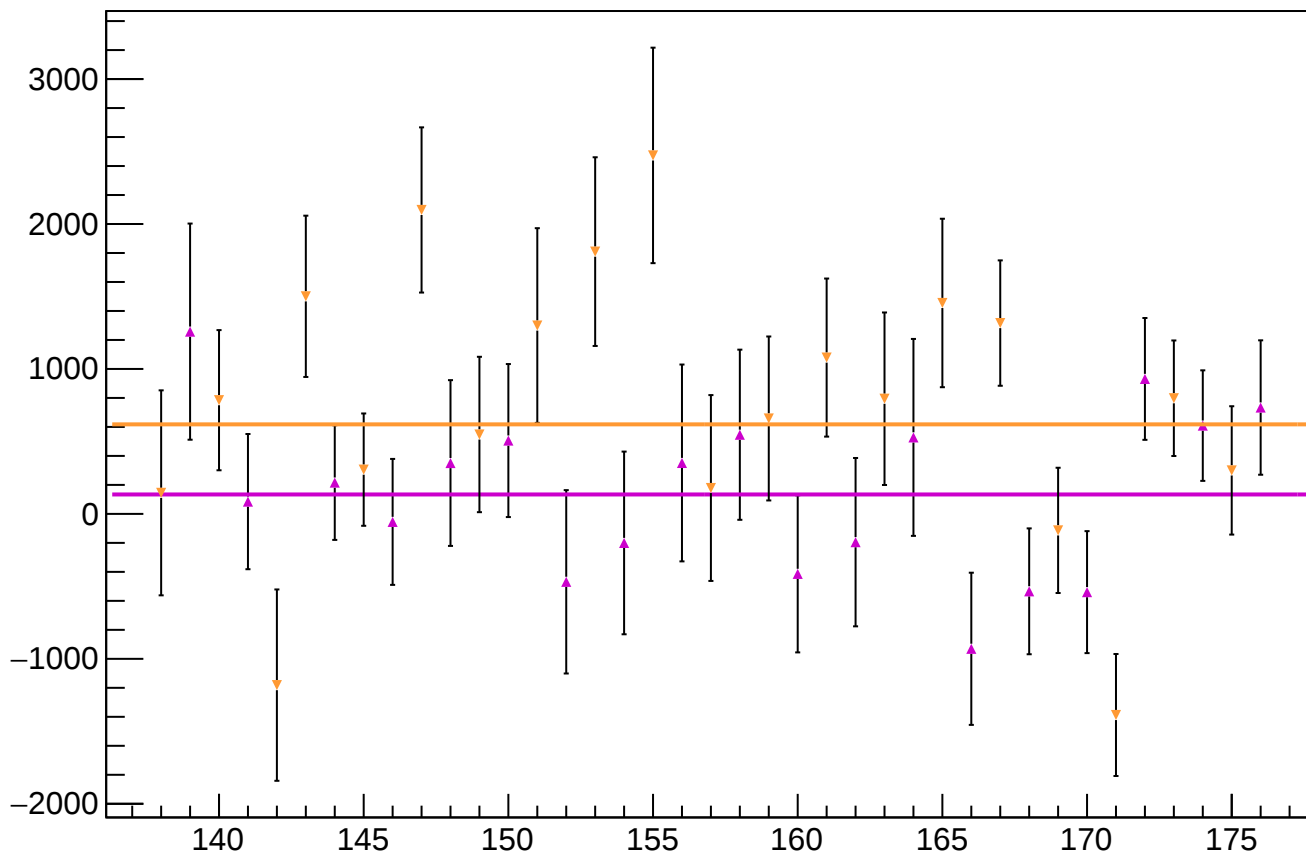
Left In: 47.031+/-0.009 χ^2/NDF : 293976.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.131+/-0.006 χ^2/NDF : 706902.2/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 617.703+/-116.357 χ^2/NDF : 60.8/19

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

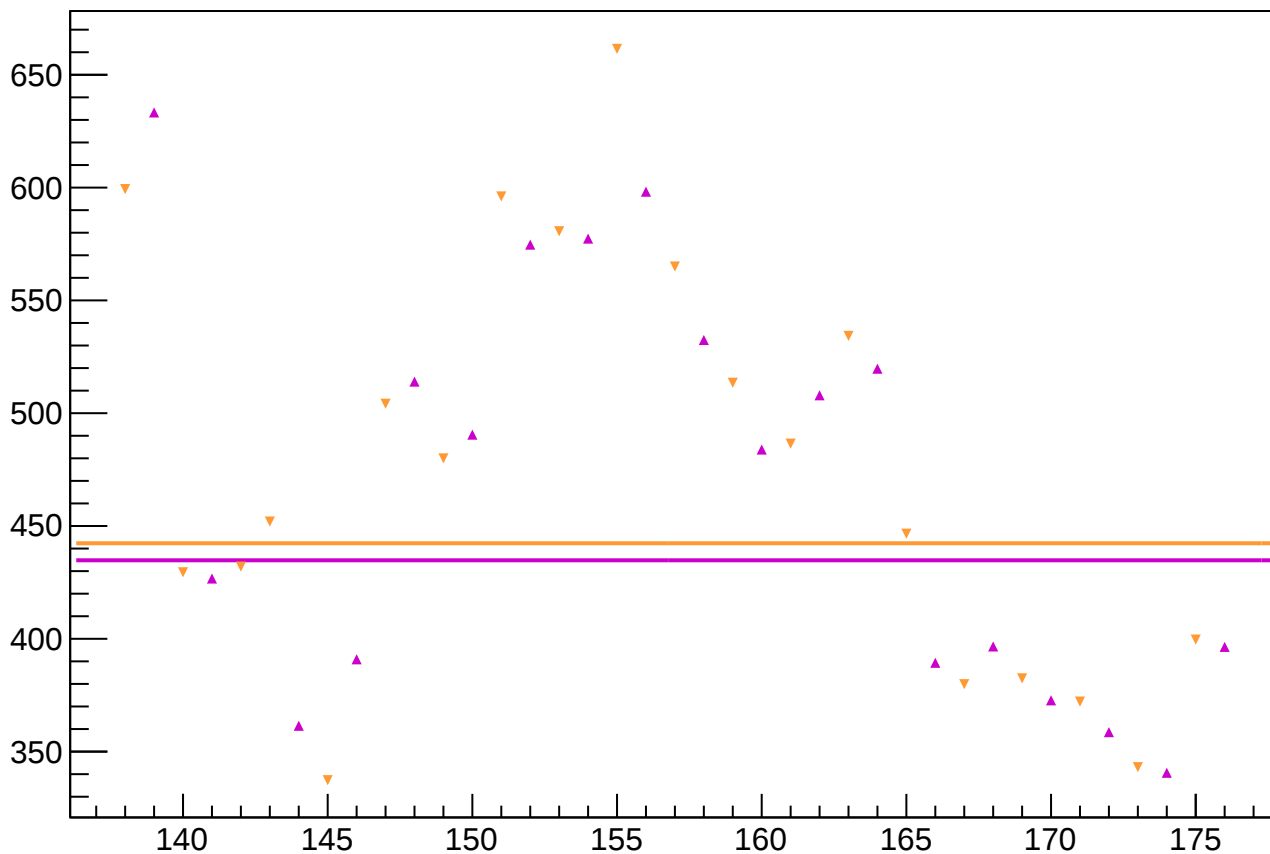
Left In: 134.040+/-115.368 χ^2/NDF : 22.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.807+/-81.925 χ^2/NDF : 92.0/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 442.349+/-0.082 χ^2/NDF :1094446.3/19

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

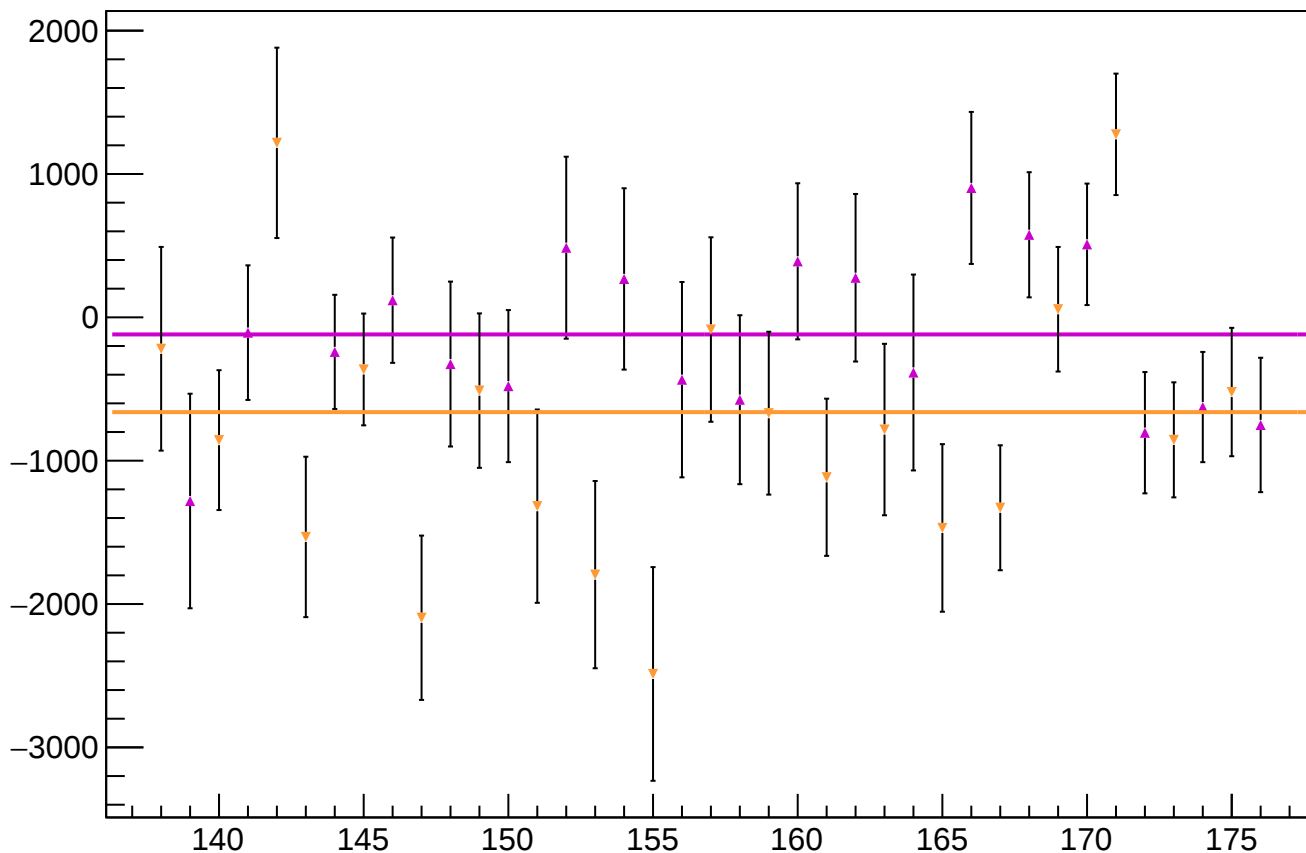
Left In: 434.799+/-0.082 χ^2/NDF :1018417.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.542+/-0.058 χ^2/NDF : 2117109.8/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -661.259 $\pm$ 117.087 χ^2 /NDF:57.6/19

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

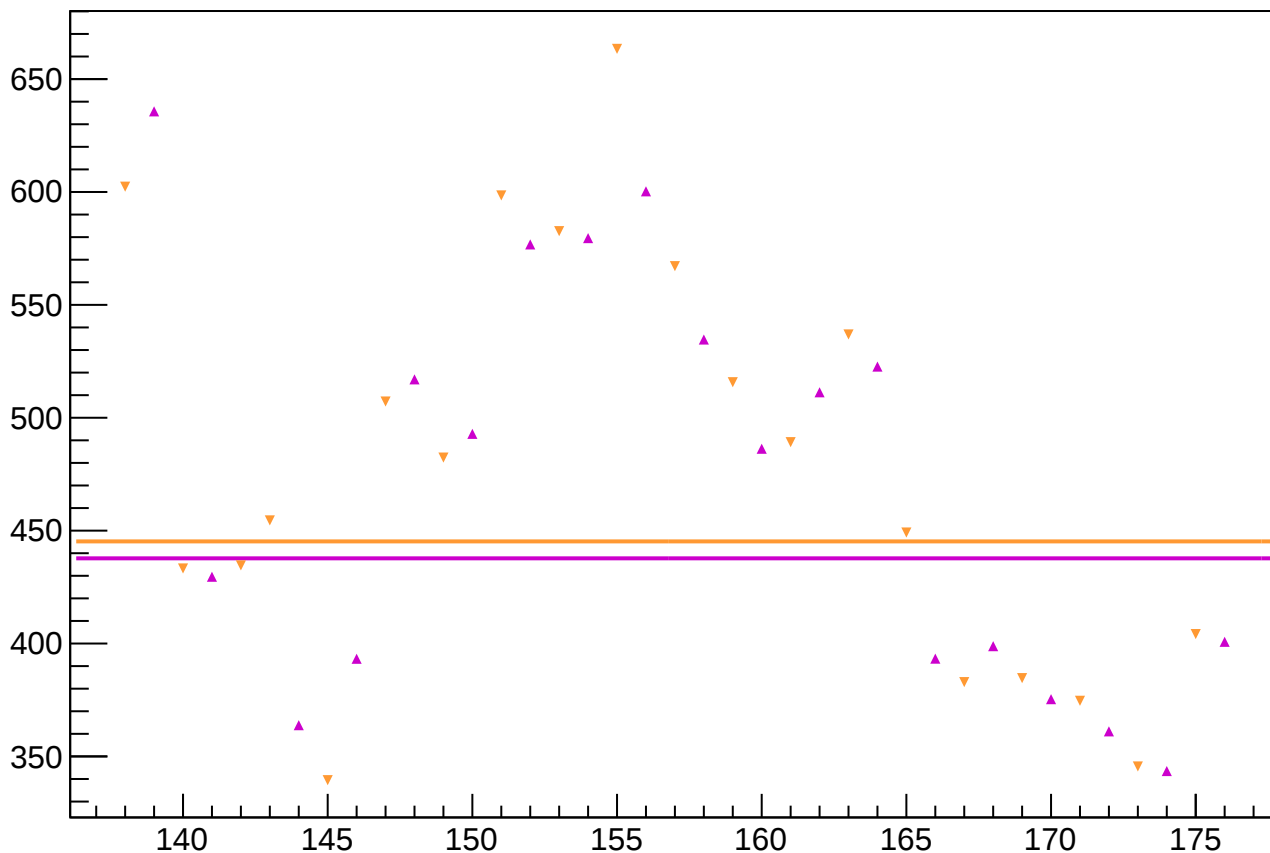
Left In: -119.194 $\pm$ 116.116 χ^2 /NDF:21.6/18

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

All: -387.969 $\pm$ 82.447 χ^2 /NDF: 90.0/38

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

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 445.237+/-0.083 χ^2/NDF :1081158.3/19

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

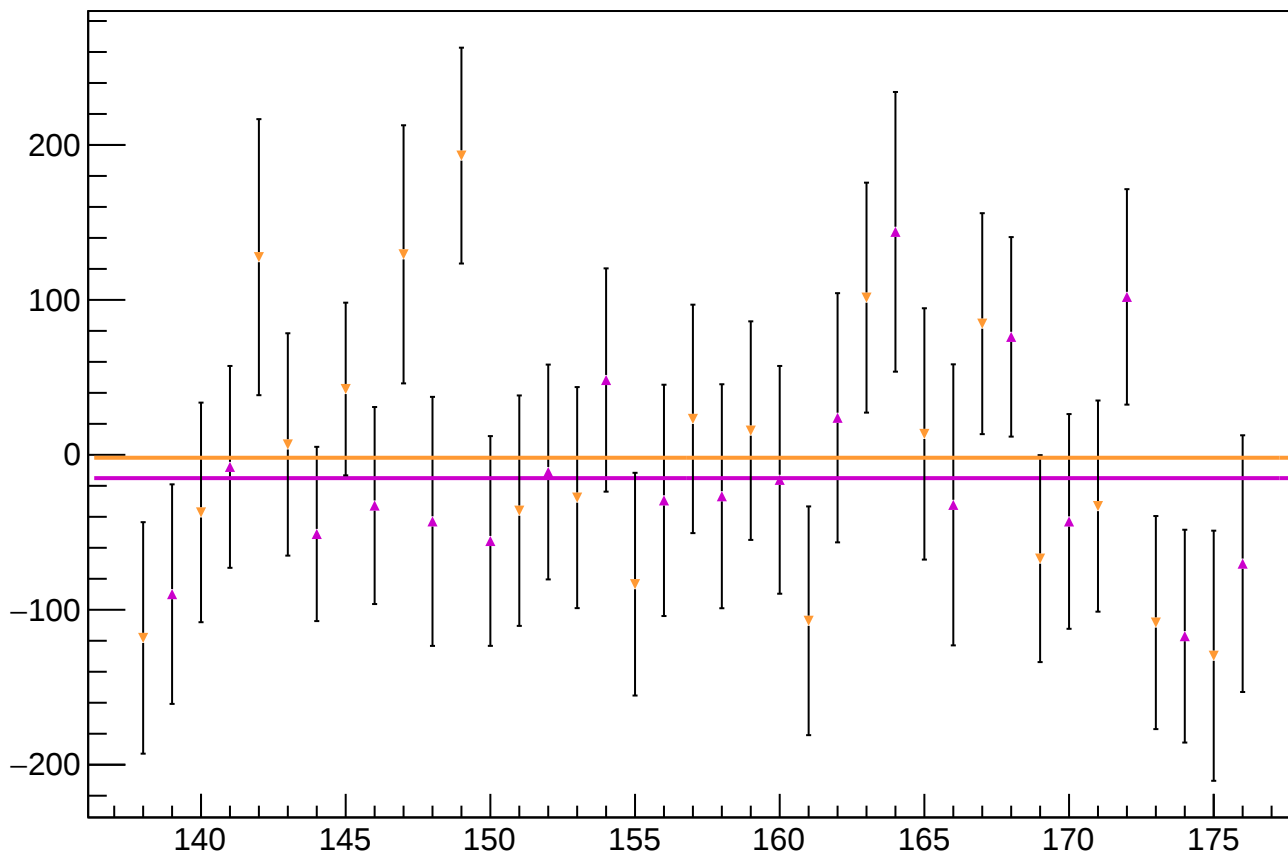
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 437.731+/-0.082 χ^2/NDF :1004057.3/18

All: 441.453+/-0.058 χ^2/NDF : 2089359.9/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



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

Left Out: -1.879 $\pm$ 16.127 χ^2 /NDF:29.1/19

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

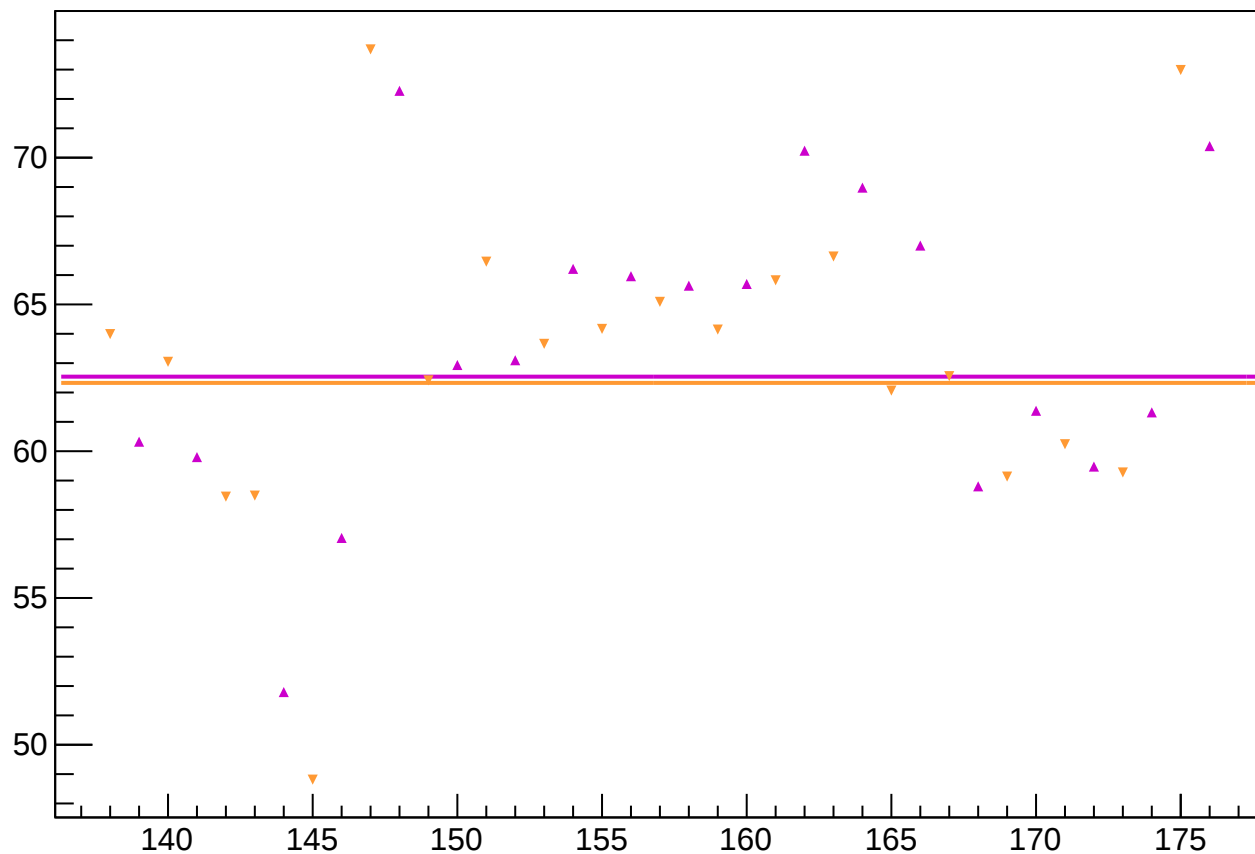
Left In: -15.037 $\pm$ 16.349 χ^2 /NDF:14.0/18

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

All: -8.368 $\pm$ 11.481 χ^2 /NDF: 43.4/38

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

reg_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 62.327+/-0.011 χ^2/NDF : 234389.2/19

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

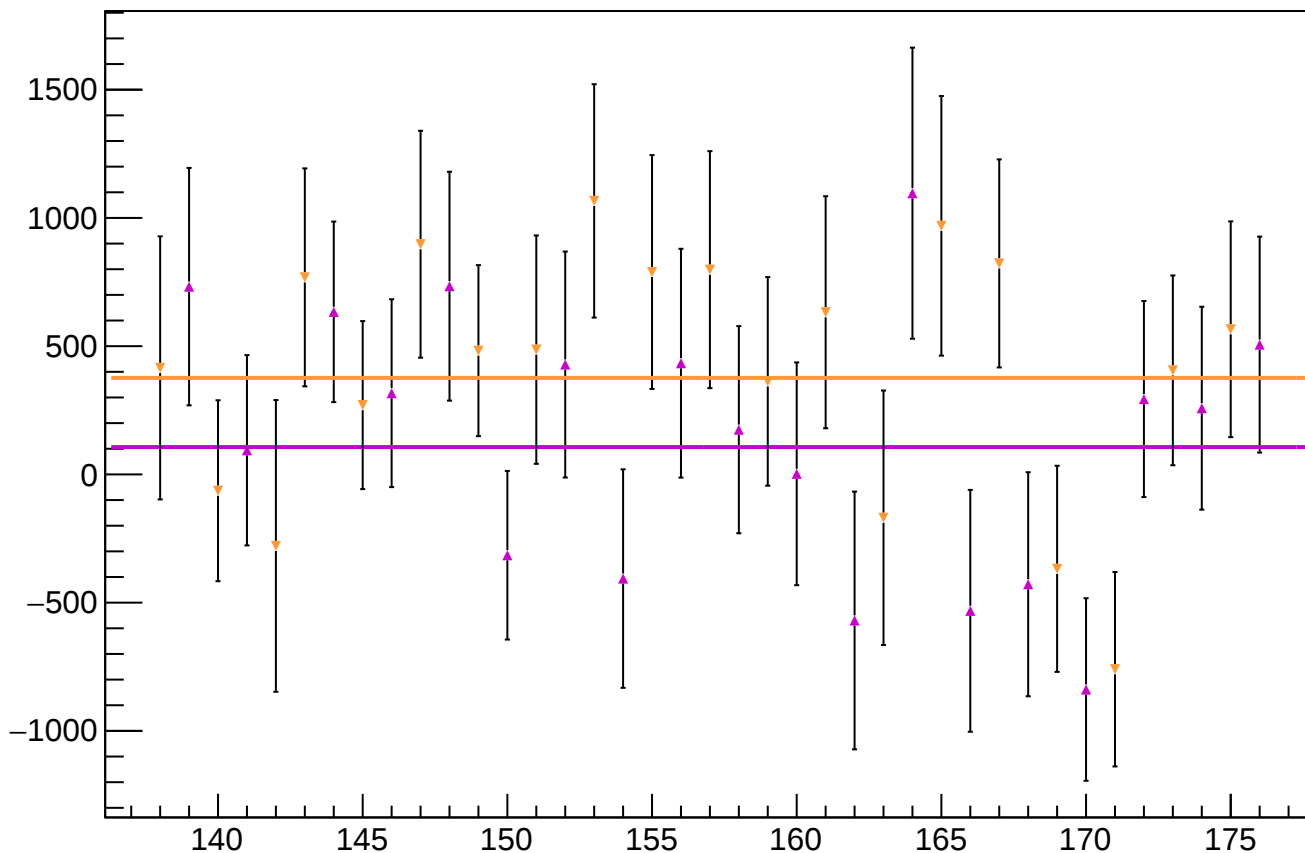
Left In: 62.540+/-0.012 χ^2/NDF : 202922.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.432+/-0.008 χ^2/NDF : 437483.2/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 376.279 $\pm$ 93.516 χ^2 /NDF:26.1/19

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

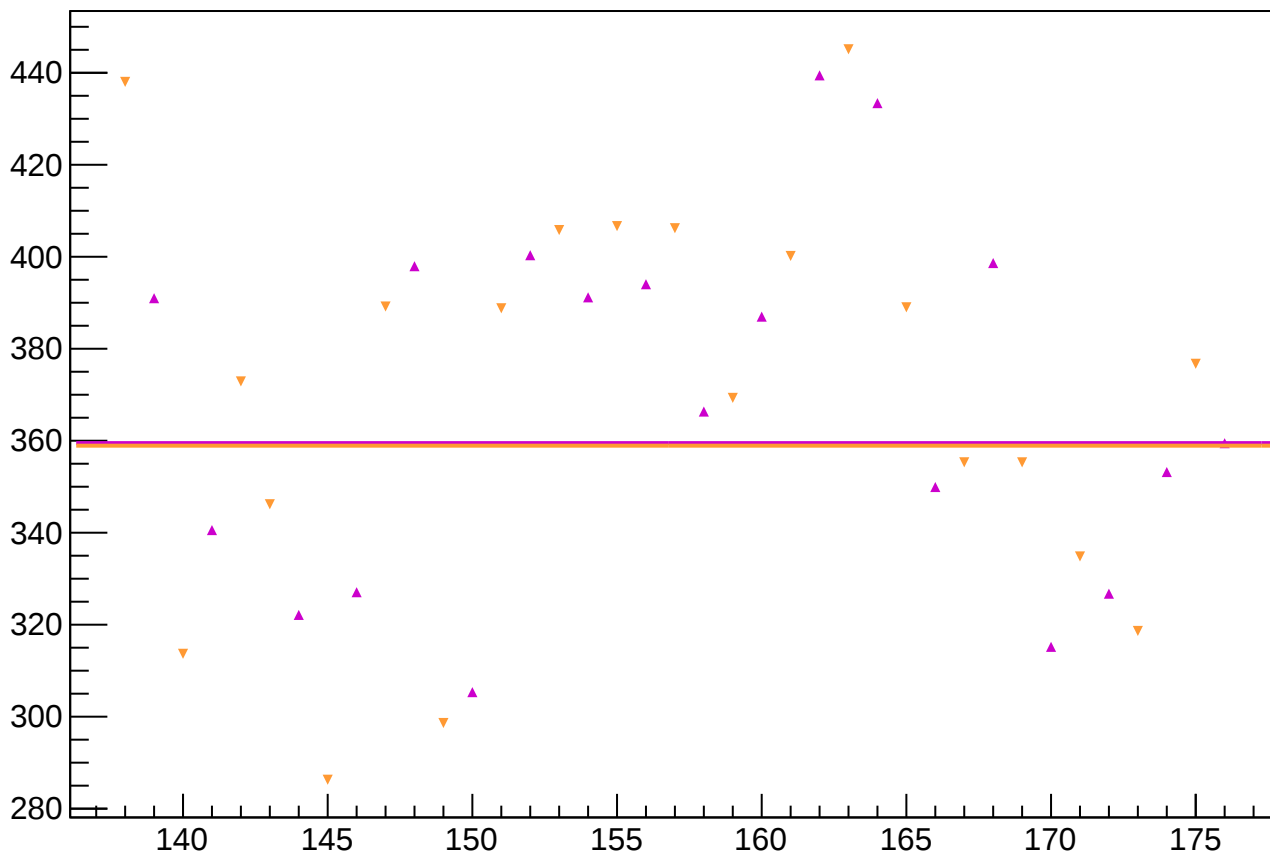
Left In: 106.598 $\pm$ 94.308 χ^2 /NDF:27.2/18

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

All: 242.576 $\pm$ 66.404 χ^2 /NDF: 57.4/38

- sign 0.000 $\pm$ 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: 358.925+/-0.066 χ^2/NDF : 450739.5/19

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

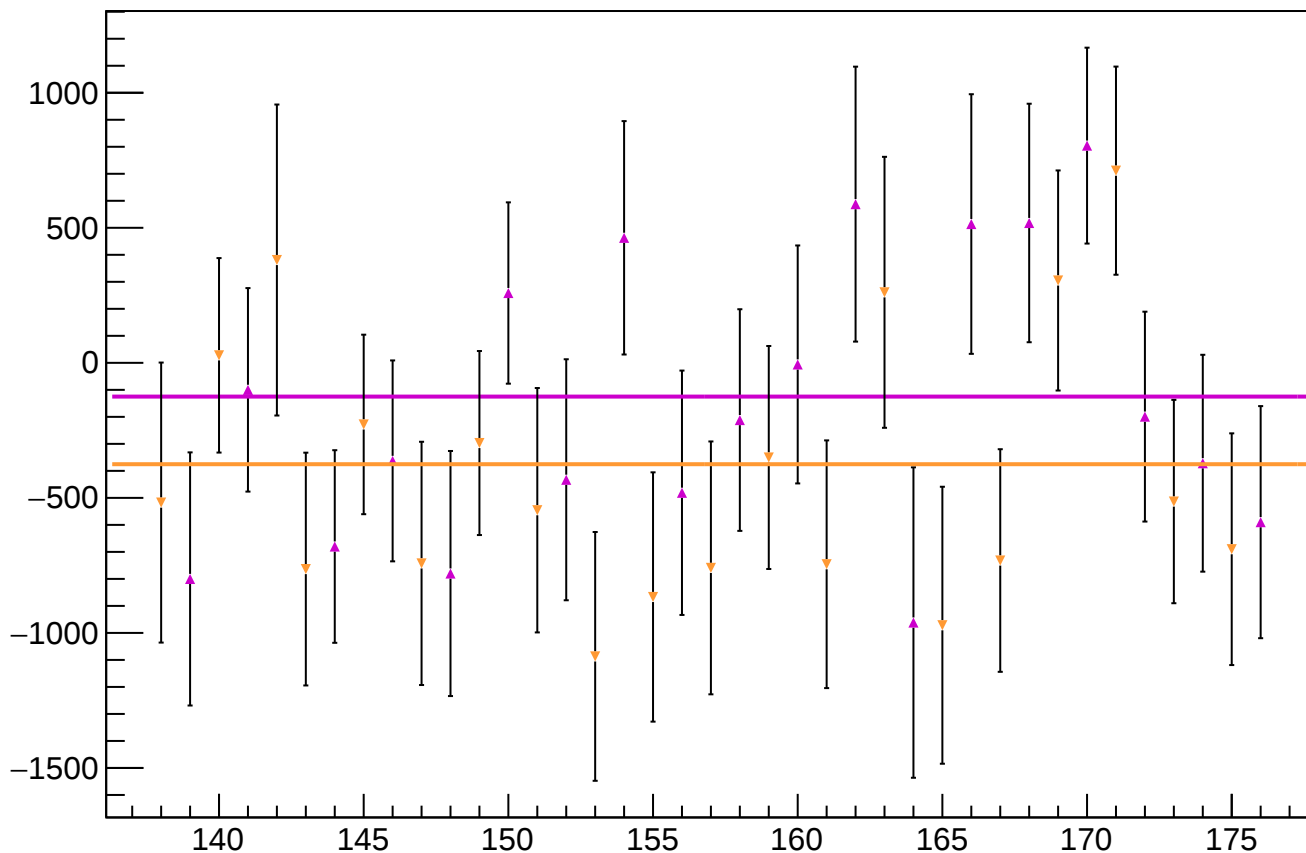
Left In: 359.479+/-0.067 χ^2/NDF : 318277.1/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.200+/-0.047 χ^2/NDF : 769051.4/38

- 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: -375.322+/-94.990 χ^2/NDF : 24.9/19

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

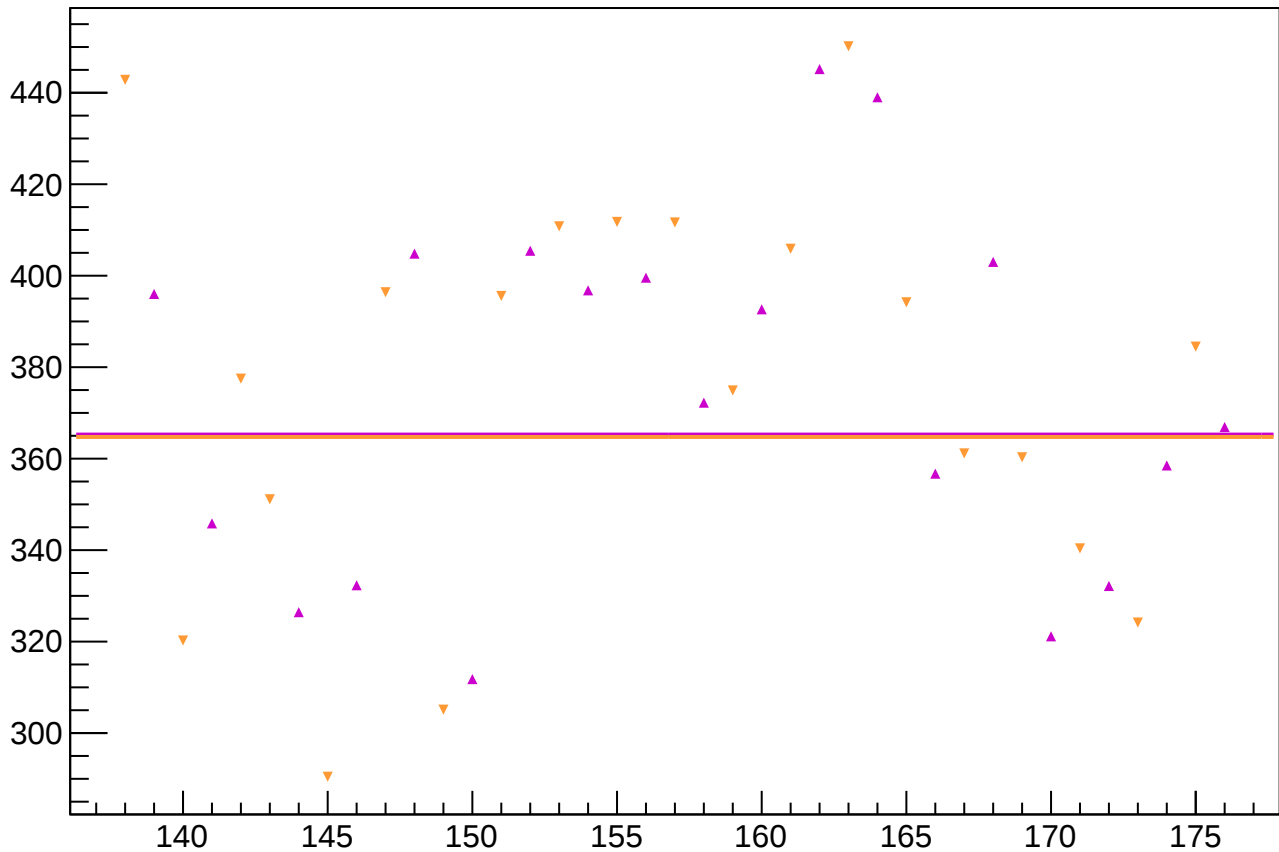
Left In: -124.963+/-95.795 χ^2/NDF : 27.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.199+/-67.451 χ^2/NDF : 55.8/38

- 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: 364.746+/-0.067 χ^2/NDF : 437811.9/19

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

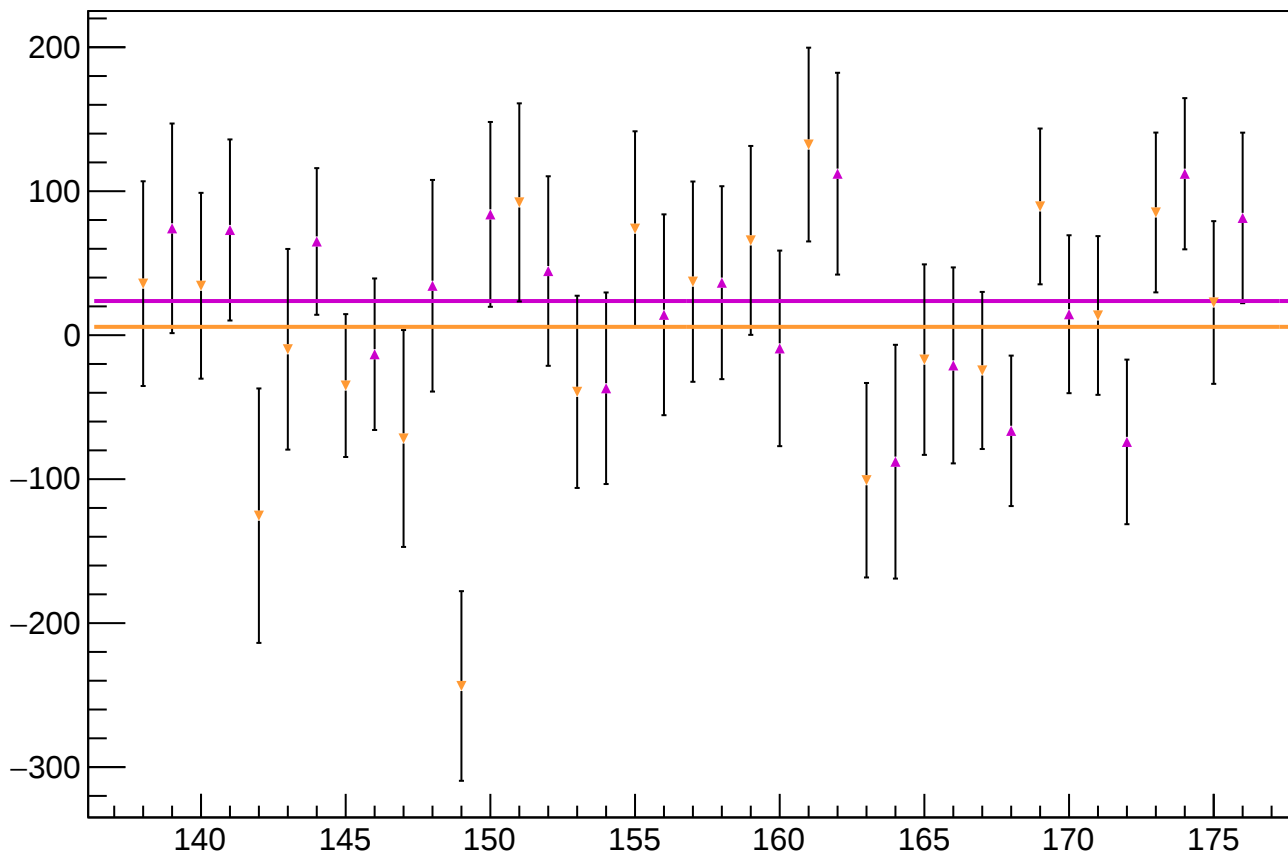
Left In: 365.258+/-0.068 χ^2/NDF : 308150.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.000+/-0.048 χ^2/NDF : 745991.5/38

- 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: 5.788 $\pm$ 14.155 χ^2 /NDF:33.8/19

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

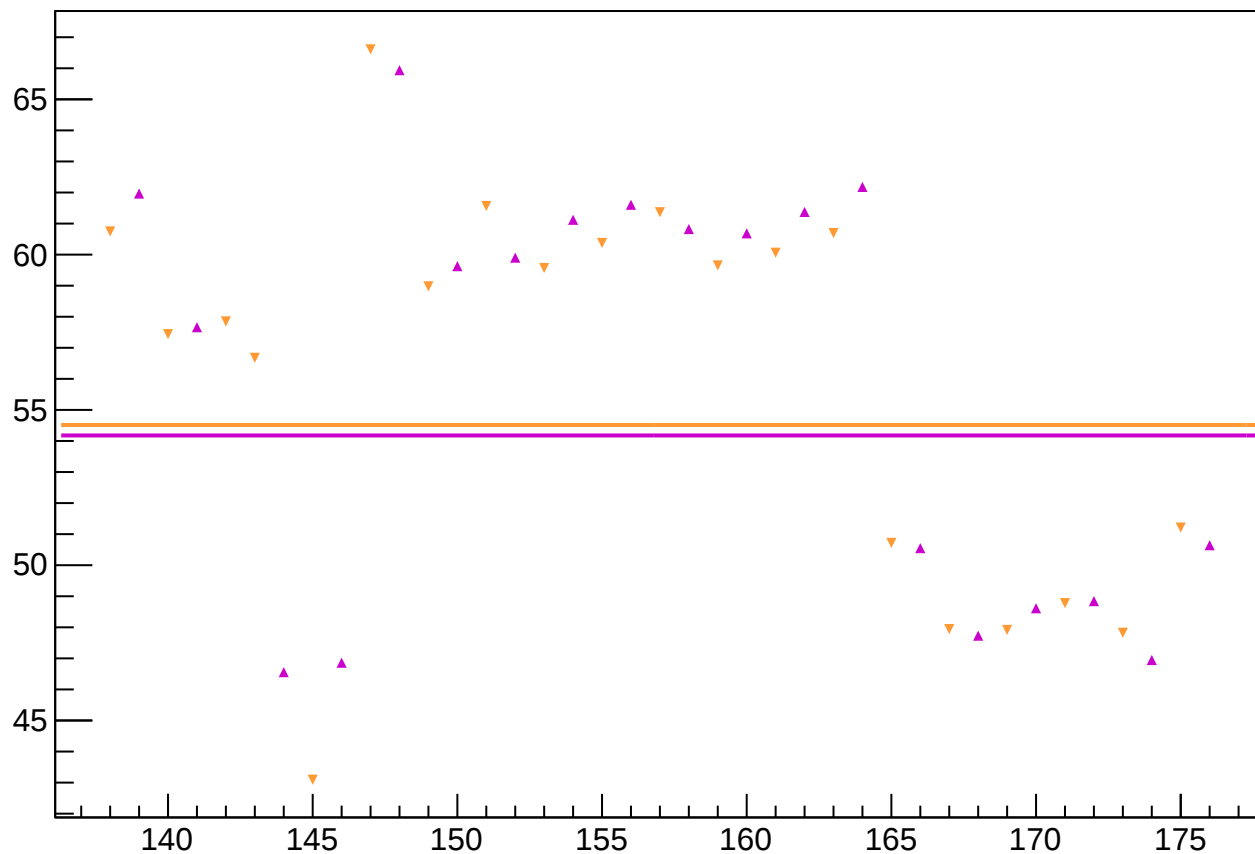
Left In: 23.719 $\pm$ 14.225 χ^2 /NDF:18.0/18

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

All: 14.709 $\pm$ 10.034 χ^2 /NDF: 52.6/38

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 54.515 $\pm$ 0.010 χ^2 /NDF:423362.4/19

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

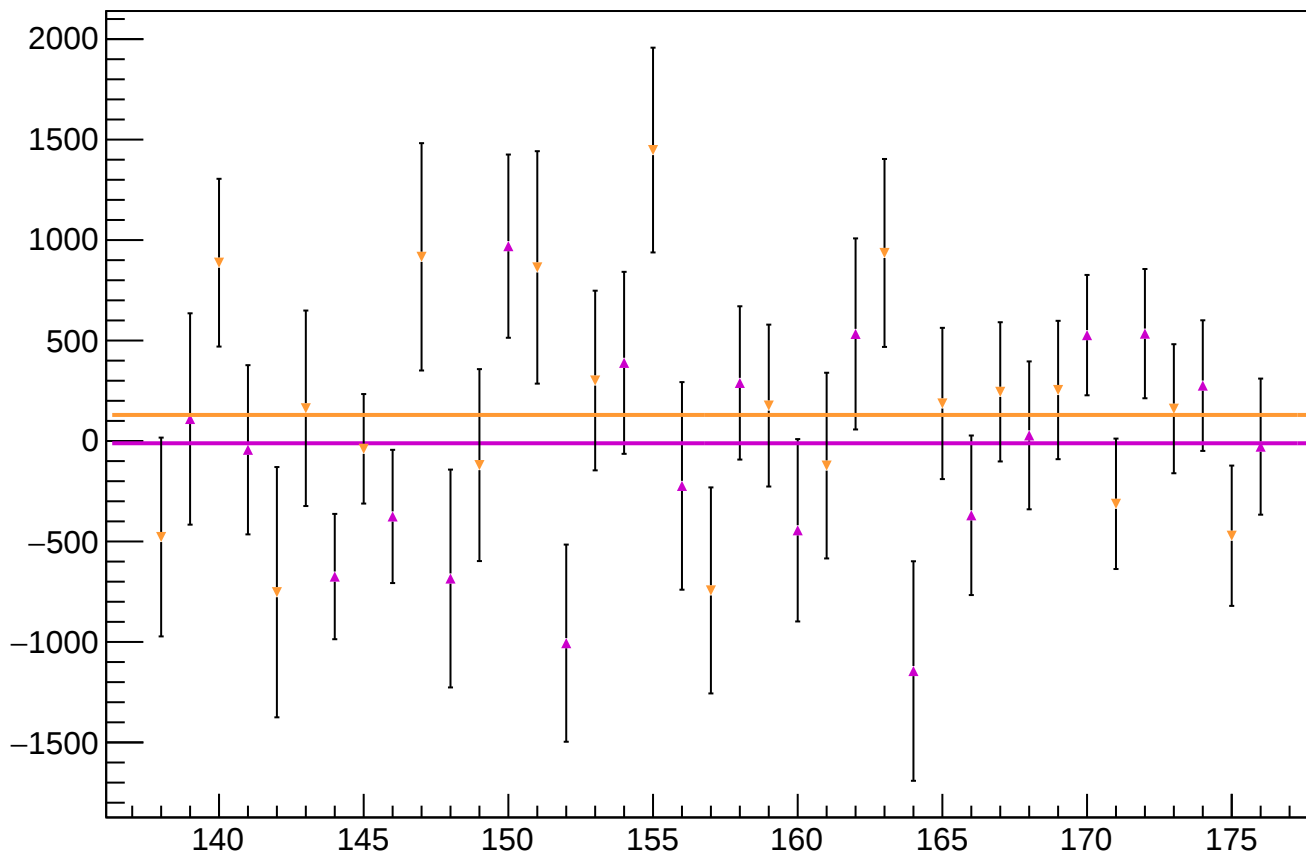
Left In: 54.178 $\pm$ 0.010 χ^2 /NDF:435488.8/18

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

All: 54.347 $\pm$ 0.007 χ^2 /NDF: 859413.6/38

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

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 129.730 $\pm$ 91.327 χ^2 /NDF:29.1/19

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

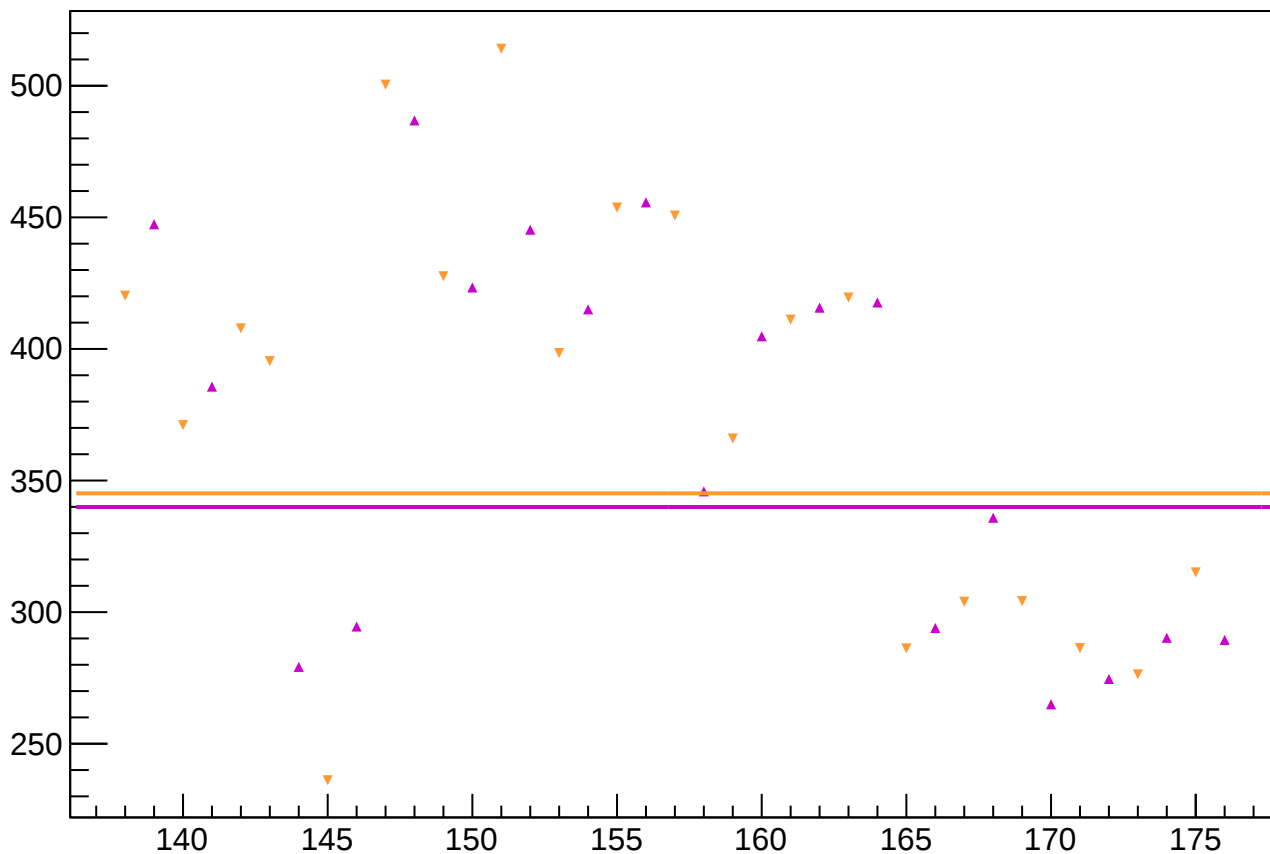
Left In: -11.234 $\pm$ 90.586 χ^2 /NDF:31.9/18

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

All: 58.674 $\pm$ 64.314 χ^2 /NDF: 62.2/38

- sign 0.000 $\pm$ 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: 345.140+/-0.065 χ^2/NDF :1375100.3/19

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

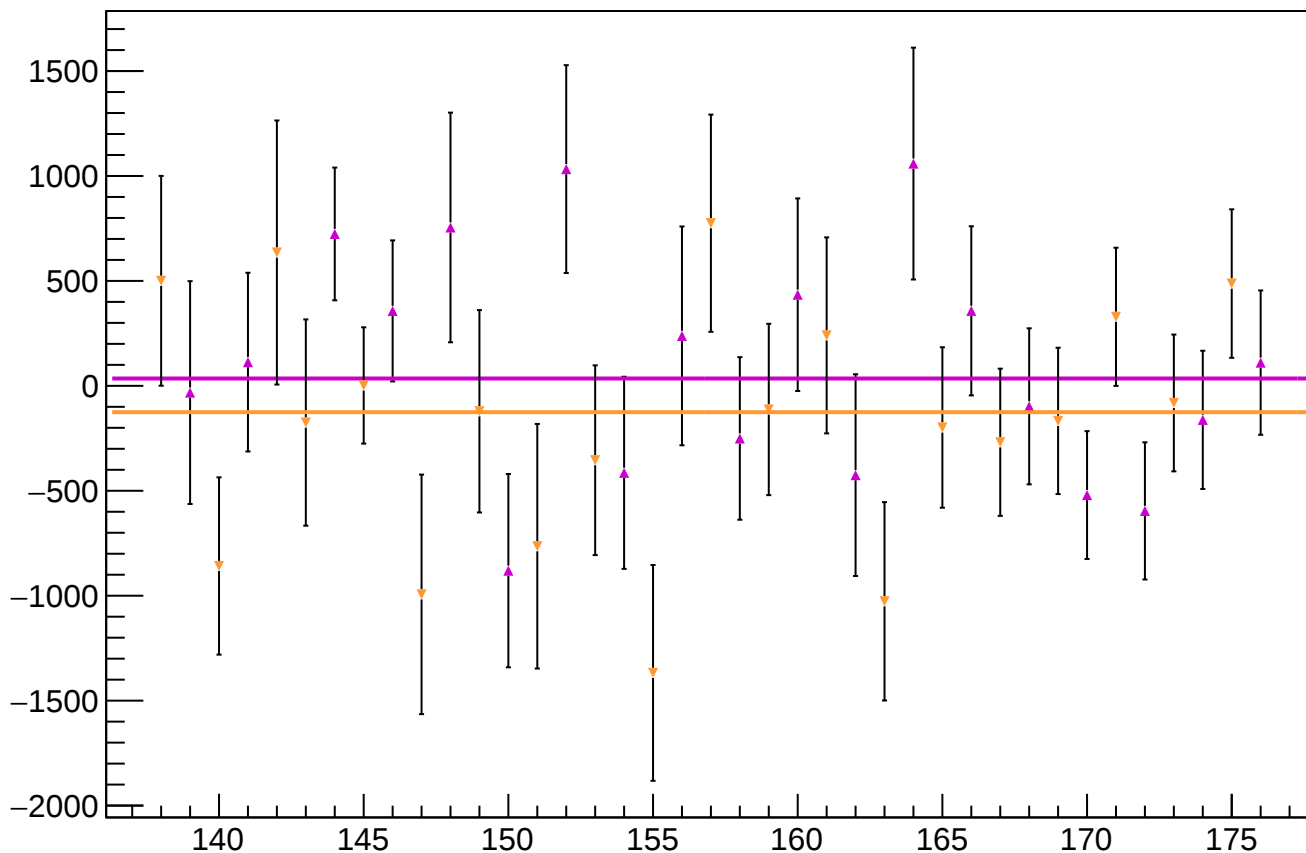
Left In: 339.938+/-0.064 χ^2/NDF :1140789.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.518+/-0.045 χ^2/NDF : 2519159.8/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -125.446+/-92.484 χ^2/NDF : 28.3/19

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

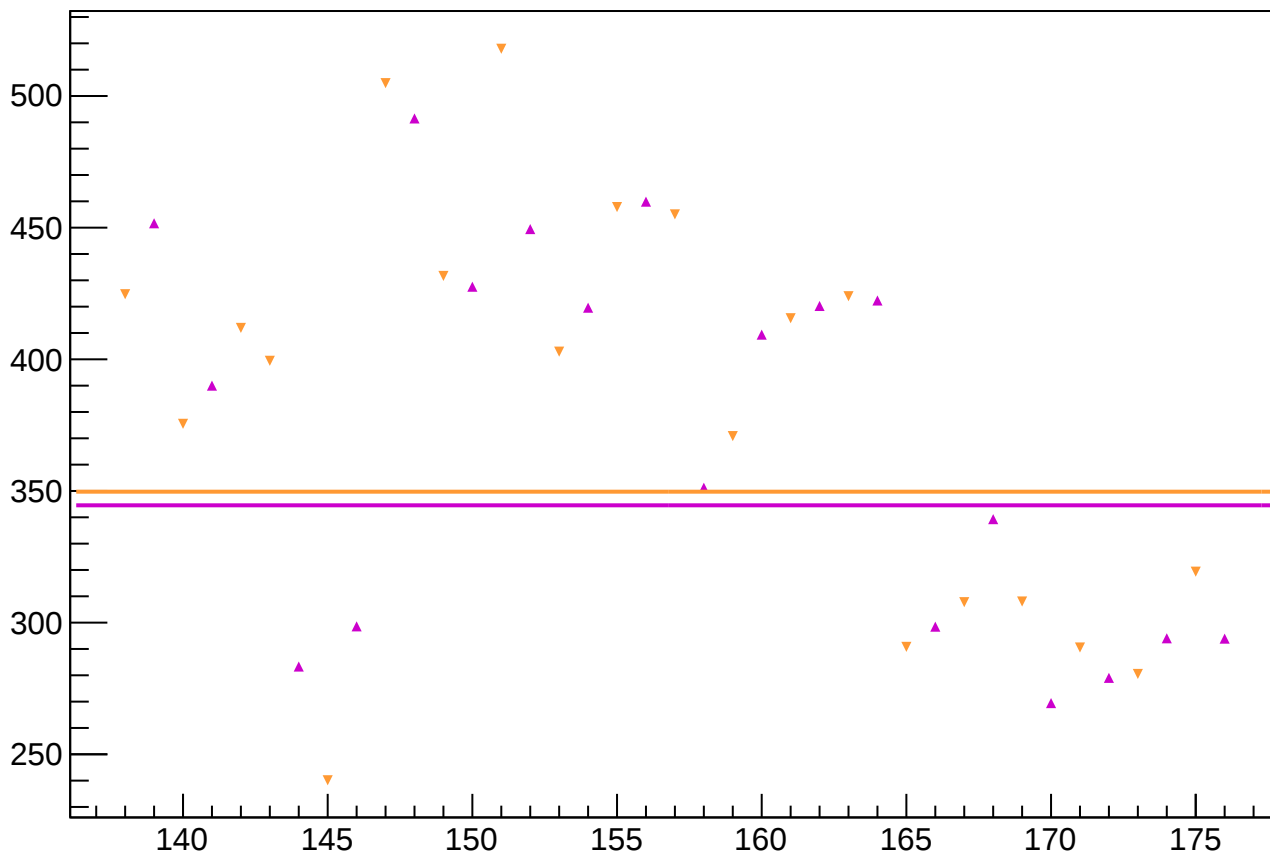
Left In: 34.977+/-91.766 χ^2/NDF : 30.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.610+/-65.141 χ^2/NDF : 60.3/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 349.731+/-0.065 χ^2/NDF :1345301.6/19

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

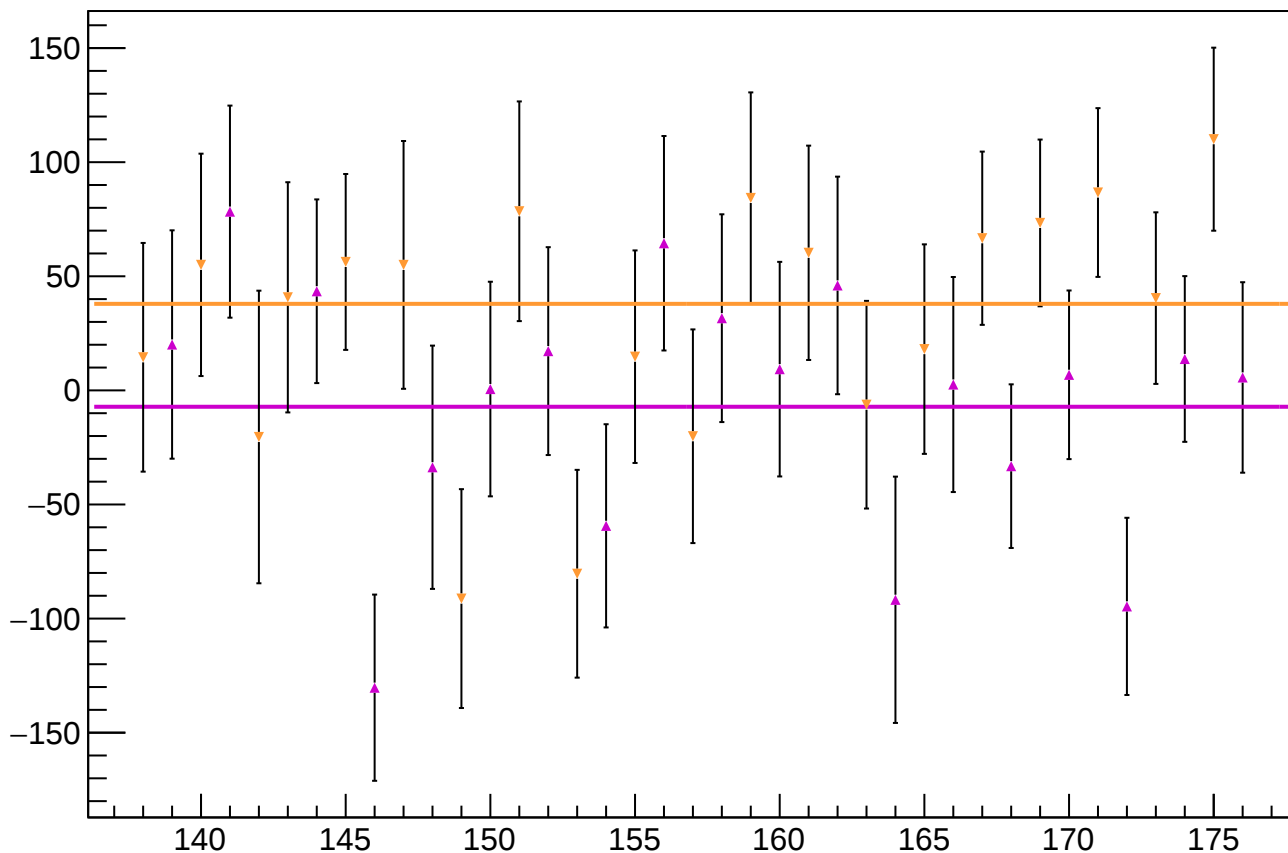
Left In: 344.555+/-0.065 χ^2/NDF :1116027.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.123+/-0.046 χ^2/NDF : 2464486.3/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 37.920 $\pm$ 9.942 χ^2 /NDF:26.9/19

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

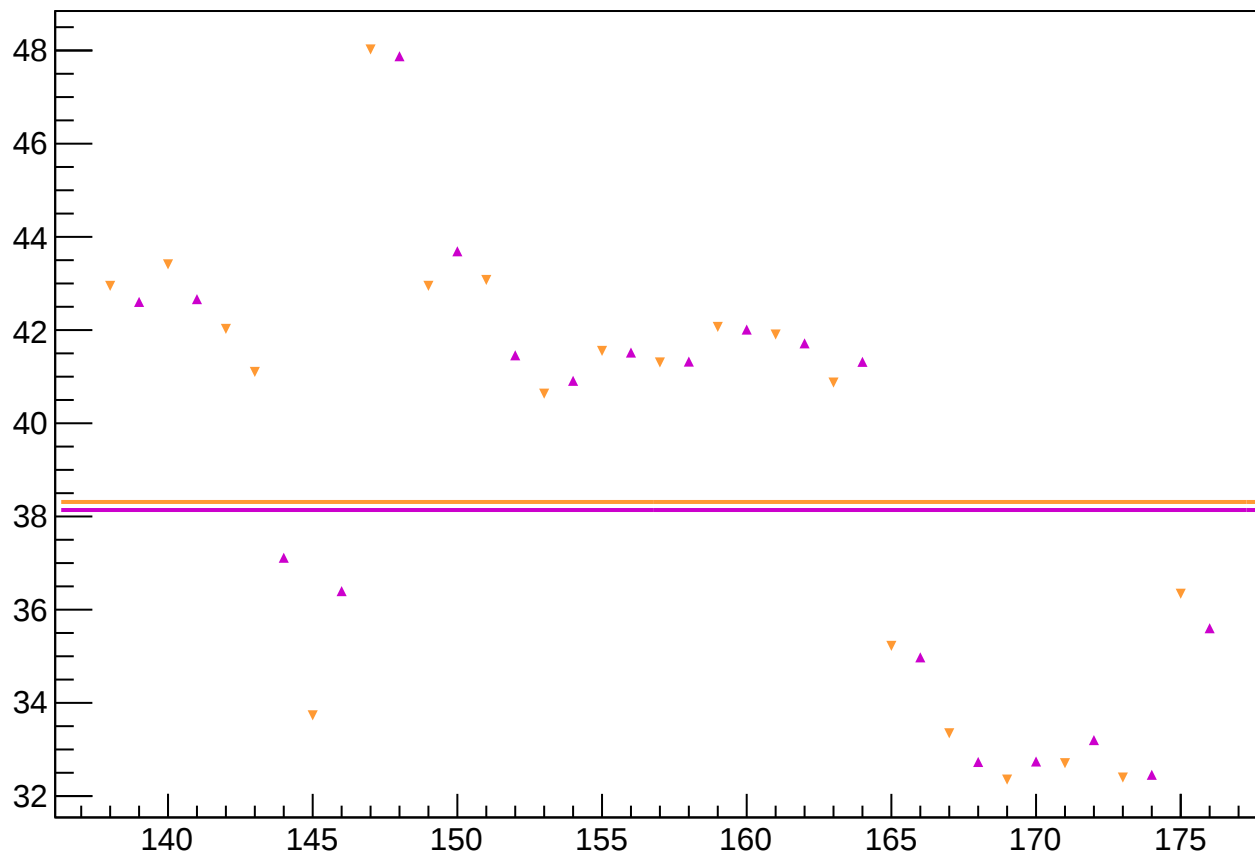
Left In: -7.176 $\pm$ 10.000 χ^2 /NDF:29.4/18

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

All: 15.504 $\pm$ 7.051 χ^2 /NDF: 66.5/38

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

reg_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 38.311+/-0.007 χ^2/NDF :433395.1/19

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

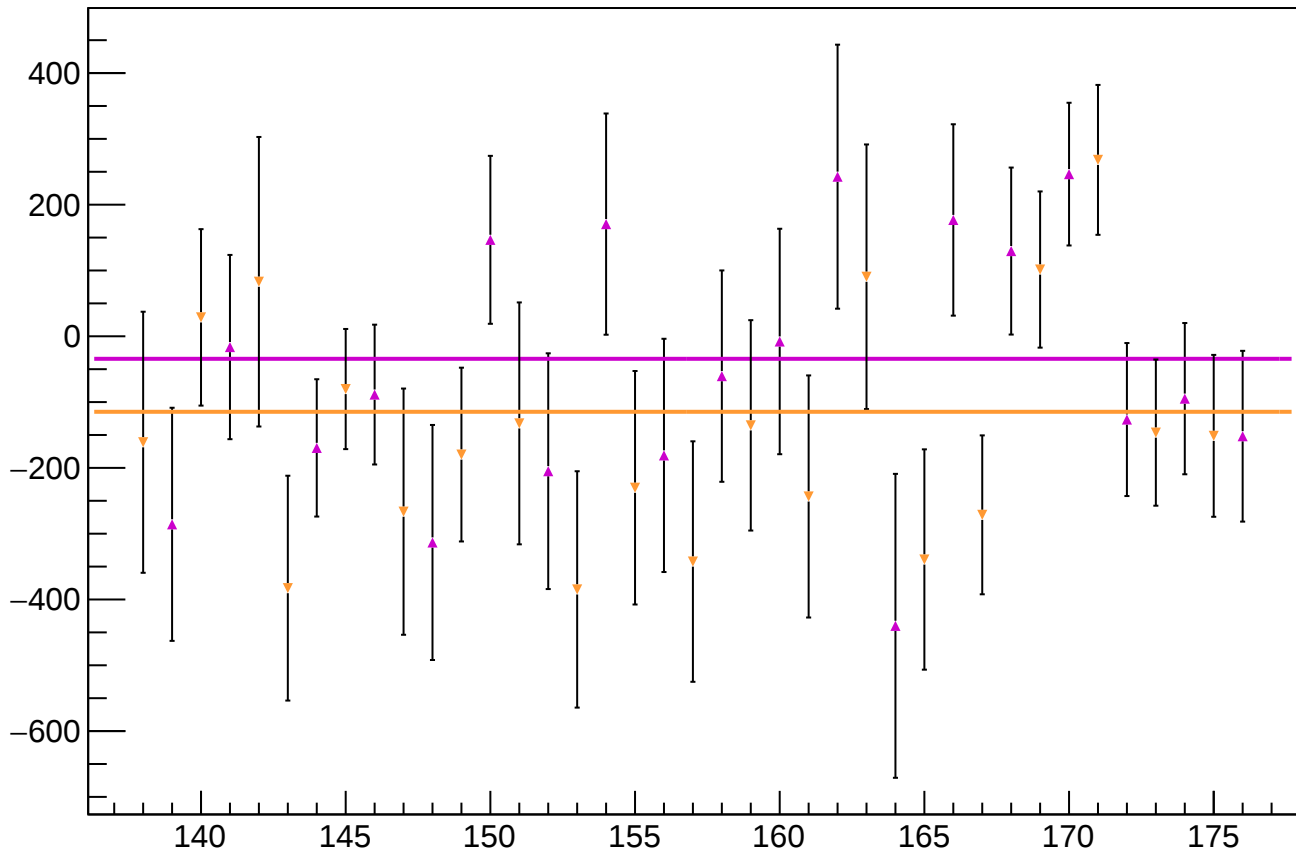
Left In: 38.139+/-0.007 χ^2/NDF :390594.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.225+/-0.005 χ^2/NDF : 824289.9/38

- 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: -114.742 ± 32.325 χ^2/NDF : 29.6/19

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

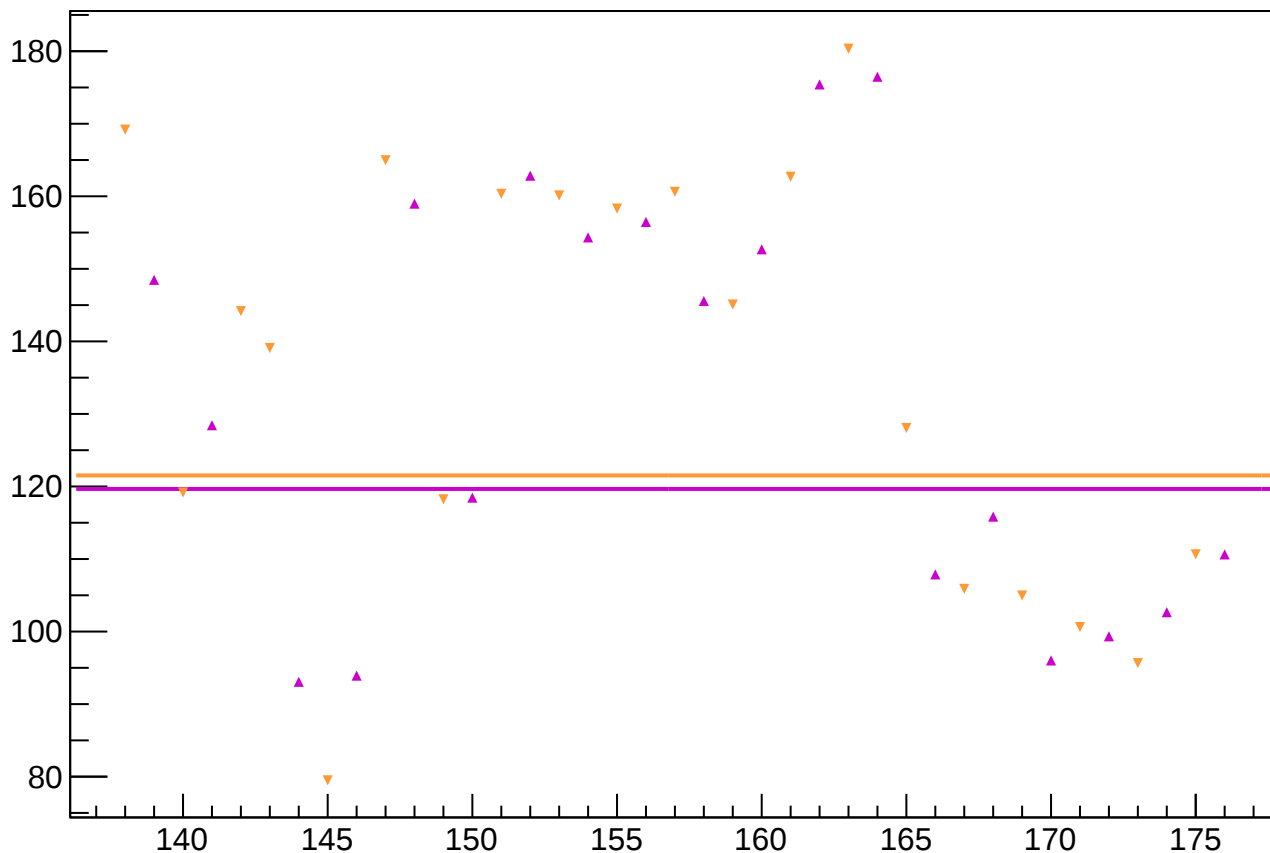
Left In: -34.225 ± 32.036 χ^2/NDF : 28.7/18

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.122 ± 22.754 χ^2/NDF : 61.4/38

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 121.521+/-0.023 χ^2/NDF : 1632156.1/19

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

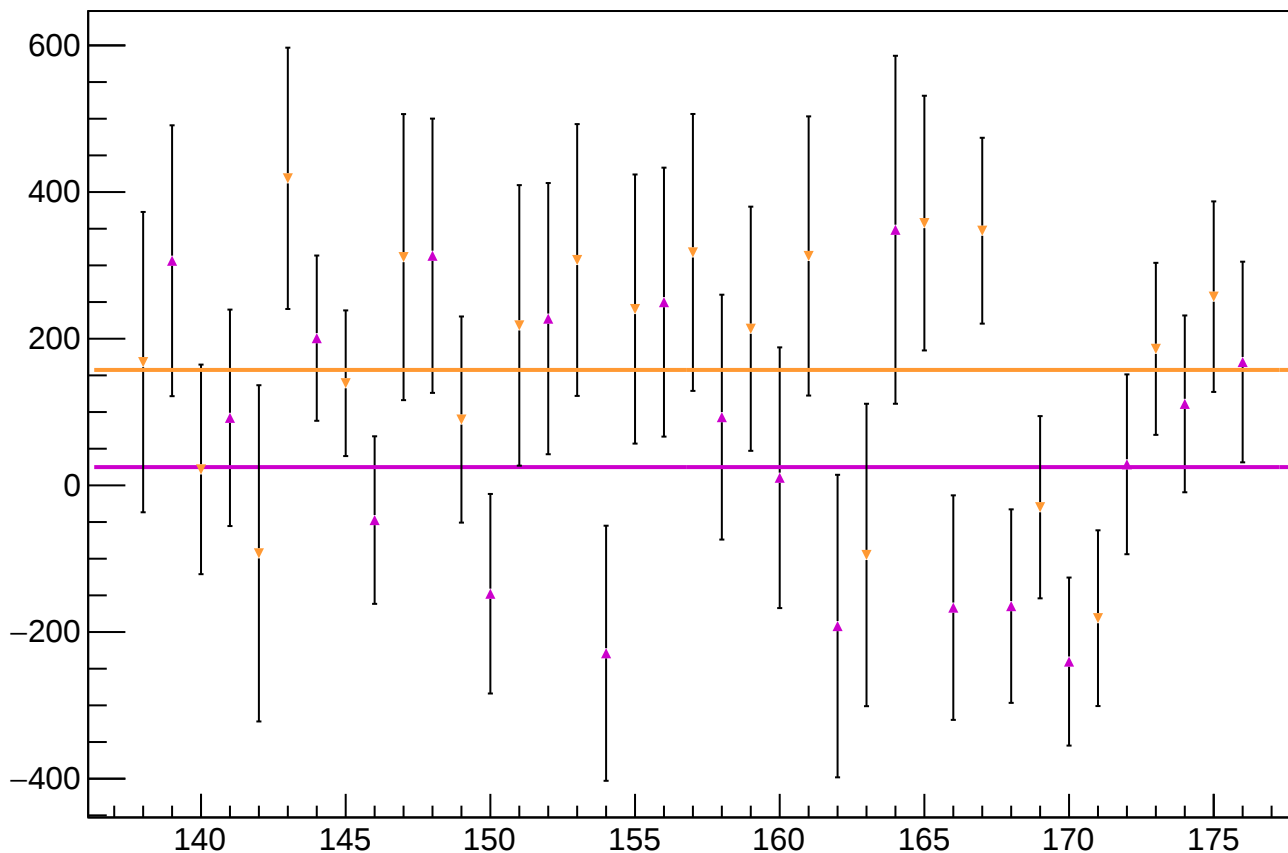
Left In: 119.661+/-0.023 χ^2/NDF : 1319096.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.582+/-0.016 χ^2/NDF : 2954593.0/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 157.431+/-34.007 χ^2/NDF : 23.6/19

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

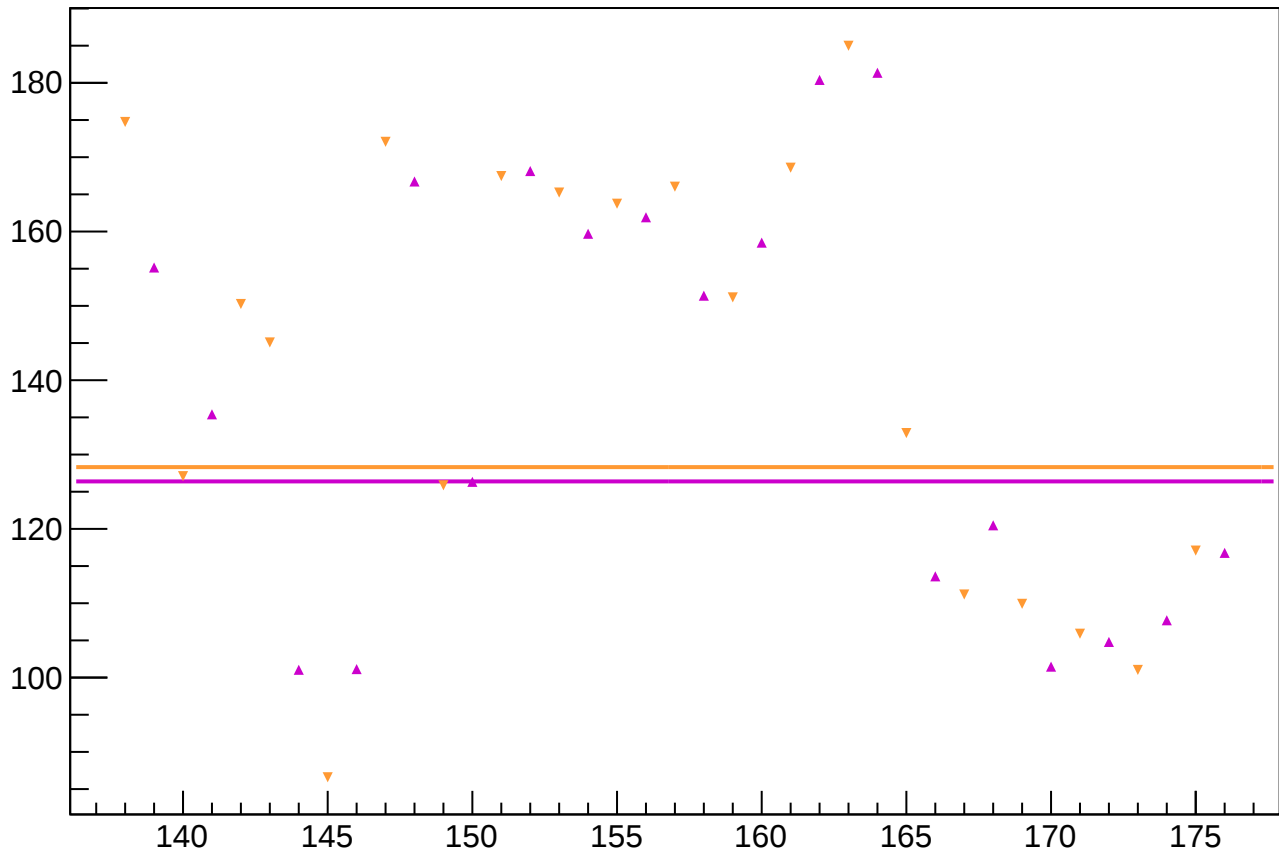
Left In: 24.921+/-33.729 χ^2/NDF : 27.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.633+/-23.948 χ^2/NDF : 59.1/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 128.309+/-0.024 χ^2/NDF :1463821.5/19

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

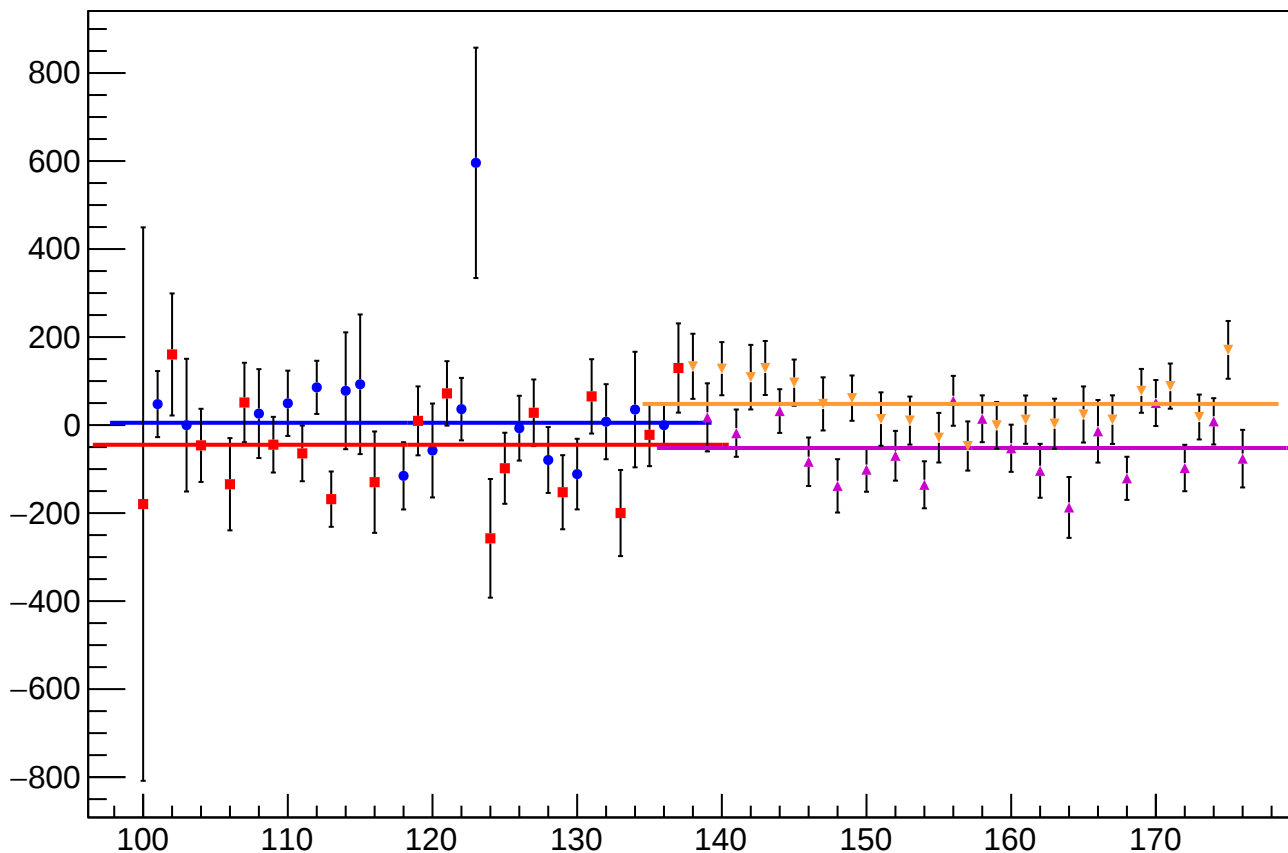
Left In: 126.387+/-0.024 χ^2/NDF :1185217.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.340+/-0.017 χ^2/NDF : 2652262.0/38

- 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: 48.082 ± 12.764 χ^2/NDF : 19.3/19

Right Out: -44.715 ± 19.410 χ^2/NDF : 24.4/18

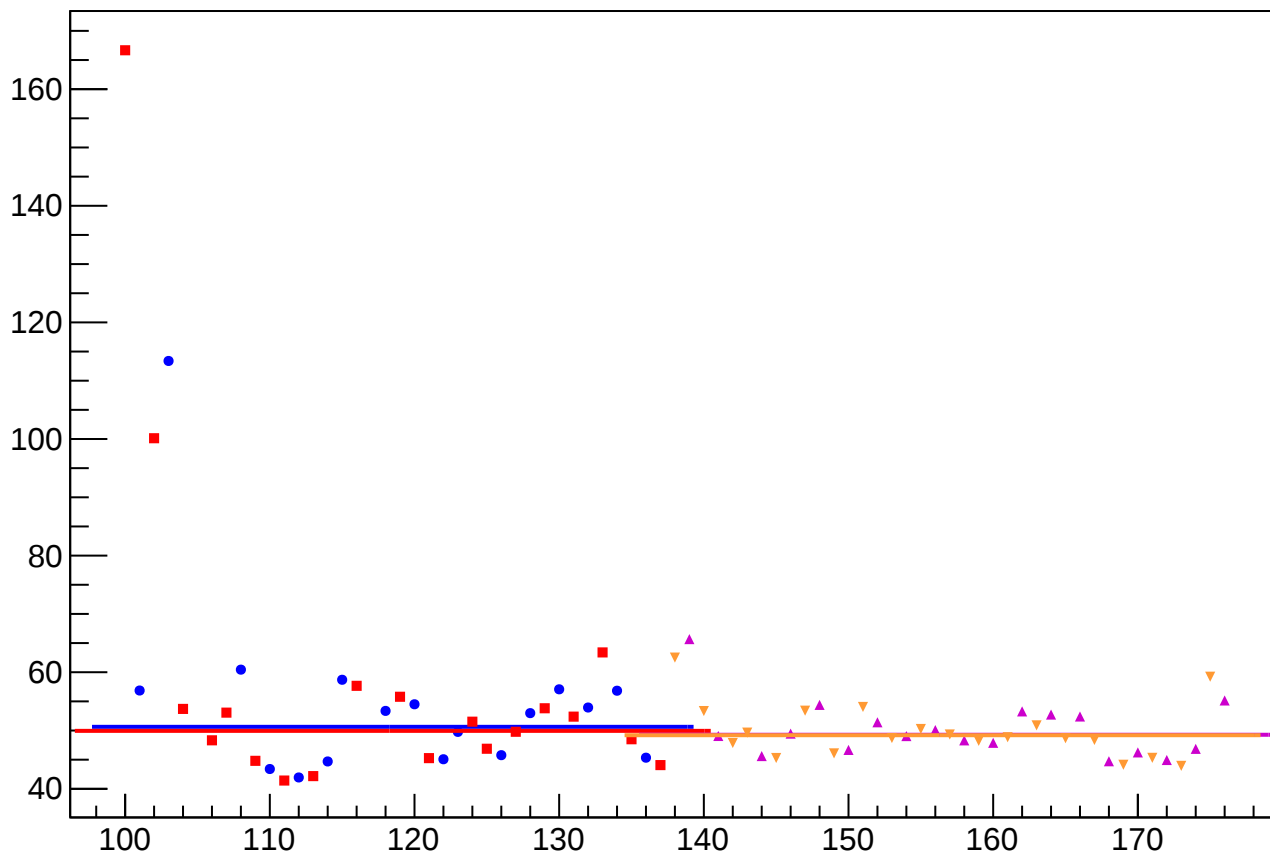
Left In: -52.078 ± 12.908 χ^2/NDF : 27.9/18

+ sign 35.809 ± 10.783 χ^2/NDF : 37.3/36

All: -7.143 ± 7.612 χ^2/NDF : 121.2/74

- sign -49.820 ± 10.748 χ^2/NDF : 52.4/37

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.635 $\pm$ 0.014 χ^2 /NDF: 519687.1/16

Left Out: 49.196 $\pm$ 0.009 χ^2 /NDF: 219961.3/19

Right Out: 49.943 $\pm$ 0.014 χ^2 /NDF: 500488.8/18

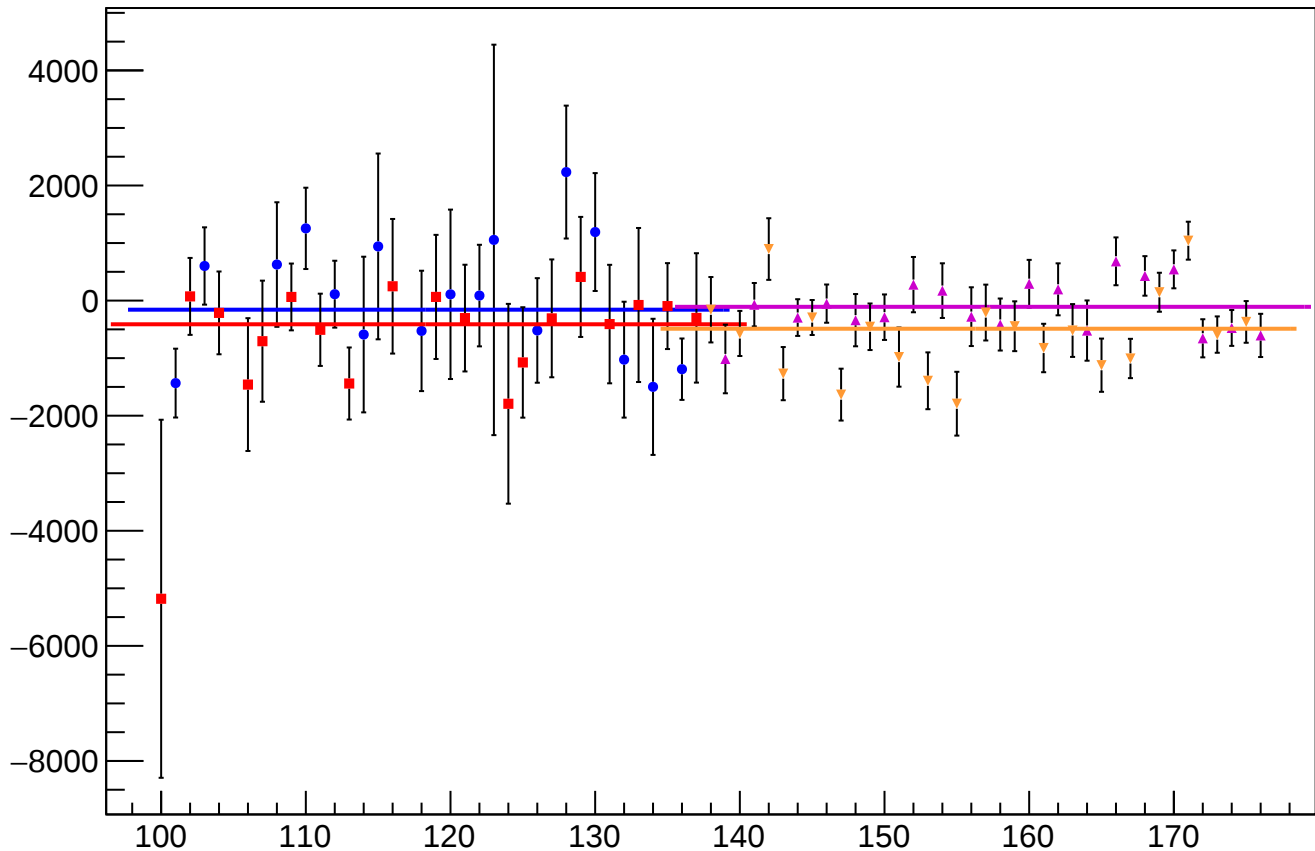
Left In: 49.273 $\pm$ 0.009 χ^2 /NDF: 201061.5/18

+ sign 49.608 $\pm$ 0.008 χ^2 /NDF: 746925.6/36

All: 49.543 $\pm$ 0.005 χ^2 /NDF: 1450269.6/74

- sign 49.479 $\pm$ 0.008 χ^2 /NDF: 703199.6/37

asym_sam_1357_avg_correction_mean vs Slug



Right In: -158.001 $\pm$ 210.181 χ^2/NDF : 23.5/16

Left Out: -488.912 $\pm$ 91.456 χ^2/NDF : 57.0/19

Right Out: -411.611 $\pm$ 203.633 χ^2/NDF : 9.8/18

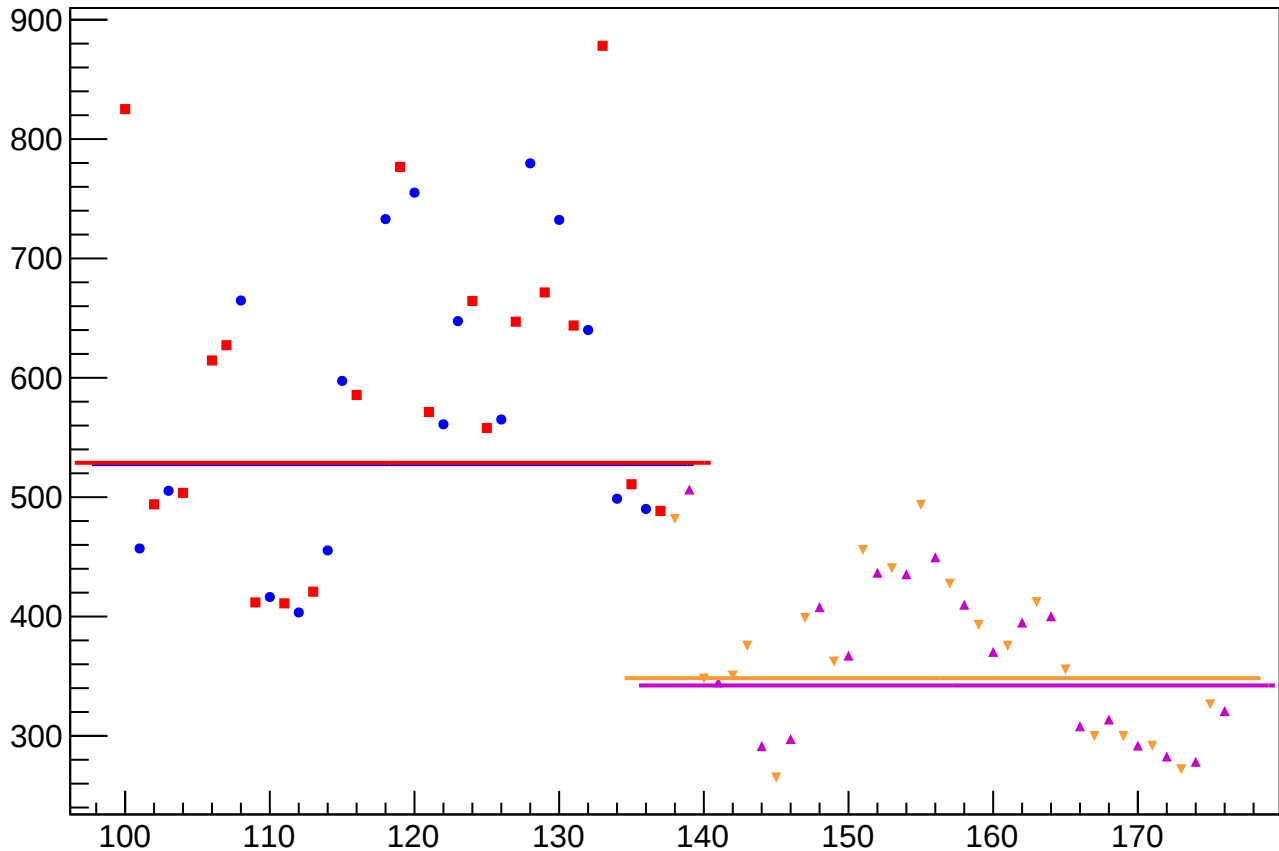
Left In: -108.190 $\pm$ 90.599 χ^2/NDF : 22.6/18

+ sign -436.232 $\pm$ 83.861 χ^2/NDF : 82.5/36

All: -295.470 $\pm$ 58.911 χ^2/NDF : 122.3/74

- sign -158.327 $\pm$ 82.776 χ^2/NDF : 34.2/37

asym_sam_1357_avg_correction_rms vs Slug



Right In: 527.663 $\pm$ 0.149 χ^2/NDF : 557423.6/16

Left Out: 348.386 $\pm$ 0.065 χ^2/NDF : 974602.7/19

Right Out: 528.806 $\pm$ 0.144 χ^2/NDF : 623364.6/18

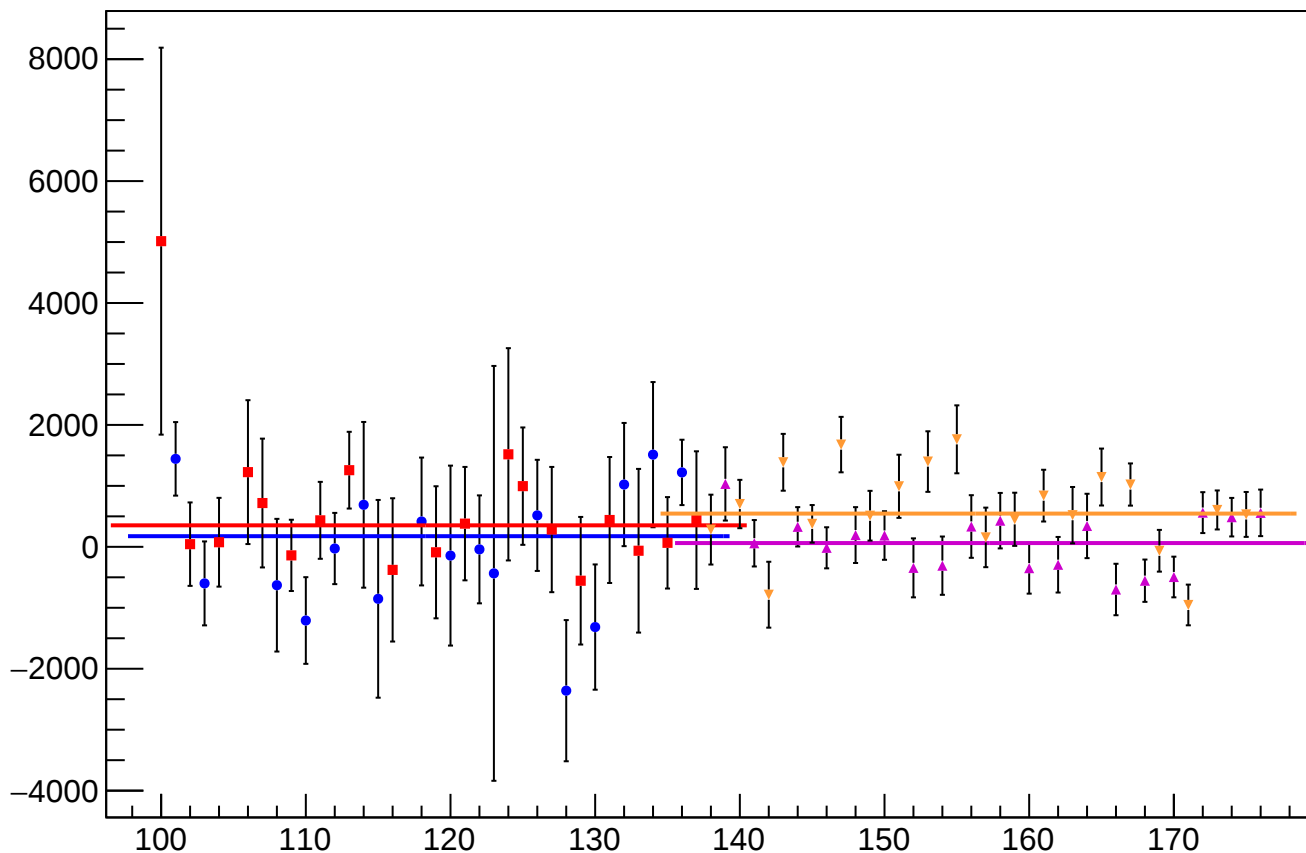
Left In: 342.242 $\pm$ 0.064 χ^2/NDF : 866192.9/18

+ sign 376.926 $\pm$ 0.059 χ^2/NDF : 2755478.2/36

All: 374.973 $\pm$ 0.042 χ^2/NDF : 5648550.2/74

- sign 373.069 $\pm$ 0.059 χ^2/NDF : 2890929.1/37

asym_sam_1357_avg_mean vs Slug



Right In: 174.605 $\pm$ 211.662 χ^2 /NDF: 23.7/16

Left Out: 545.316 $\pm$ 92.443 χ^2 /NDF:52.8/19

Right Out: 352.570 $\pm$ 205.204 χ^2 /NDF: 8.4/18

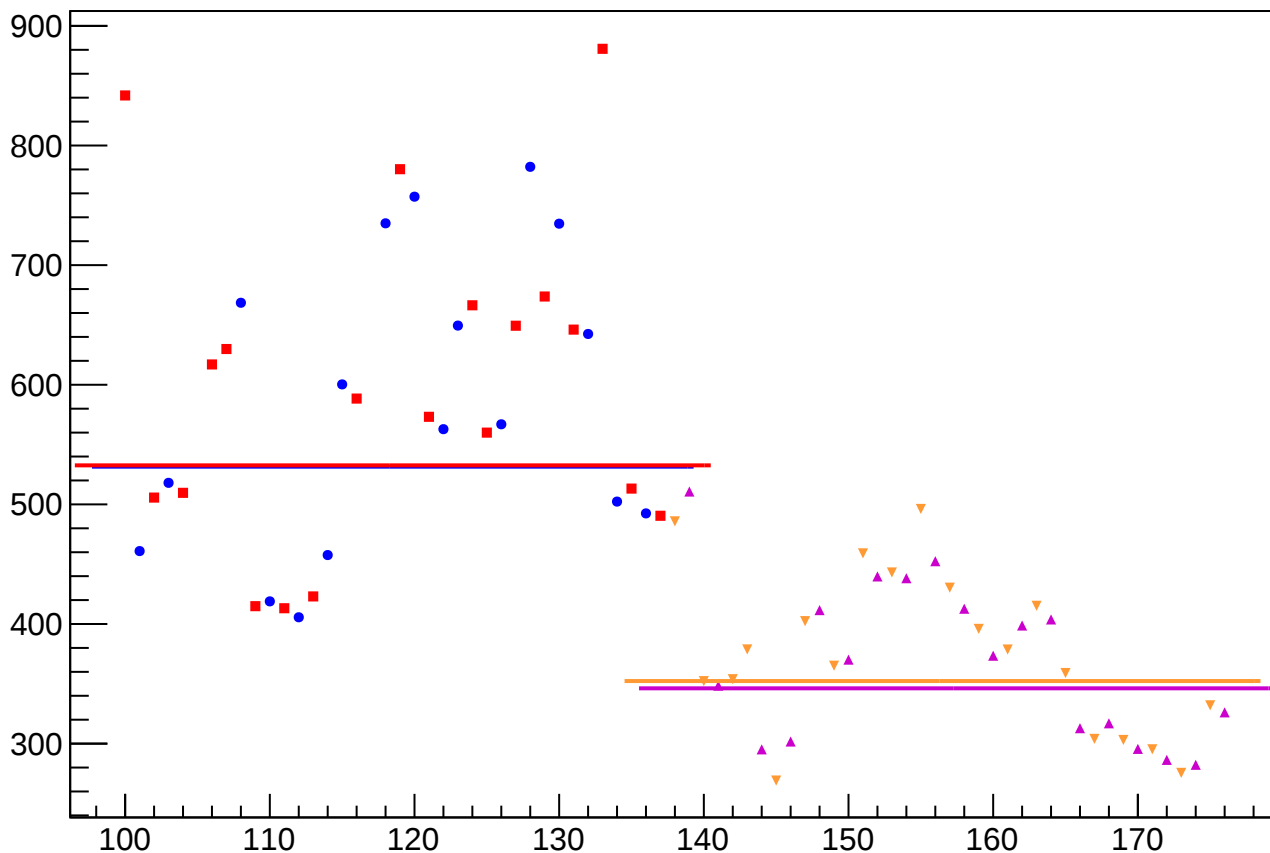
Left In: 61.882 $\pm$ 91.611 χ^2 /NDF:22.5/18

+ sign 485.930 $\pm$ 84.716 χ^2 /NDF: 79.0/36

All: 295.689 $\pm$ 59.524 χ^2 /NDF: 121.6/74

- sign 110.190 $\pm$ 83.654 χ^2 /NDF: 32.6/37

asym_sam_1357_avg_rms vs Slug



Right In: 531.554 $\pm$ 0.150 χ^2 /NDF: 550087.6/16

Left Out: 352.318 $\pm$ 0.065 χ^2 /NDF: 947682.7/19

Right Out: 532.620 $\pm$ 0.145 χ^2 /NDF: 615746.2/18

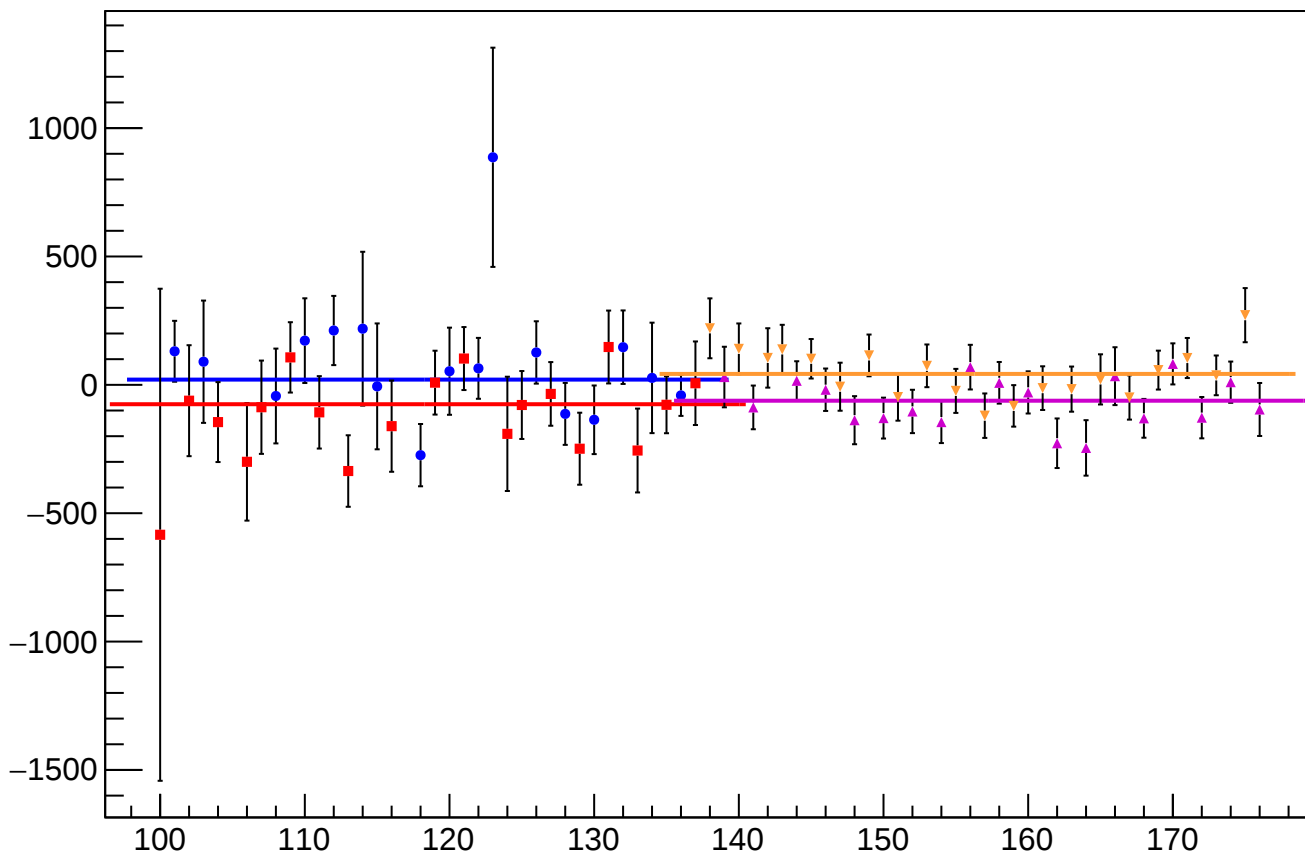
Left In: 346.226 $\pm$ 0.065 χ^2 /NDF: 841969.7/18

+ sign 381.030 $\pm$ 0.060 χ^2 /NDF: 2702184.8/36

All: 379.092 $\pm$ 0.042 χ^2 /NDF: 5537896.1/74

- sign 377.202 $\pm$ 0.059 χ^2 /NDF: 2833643.8/37

reg_asym_sam_2468_avg_mean vs Slug



Right In: 20.441 $\pm$ 34.583 χ^2 /NDF: 19.3/16

Left Out: 42.565 $\pm$ 19.684 χ^2 /NDF:21.3/19

Right Out: -75.454 $\pm$ 34.698 χ^2 /NDF: 15.4/18

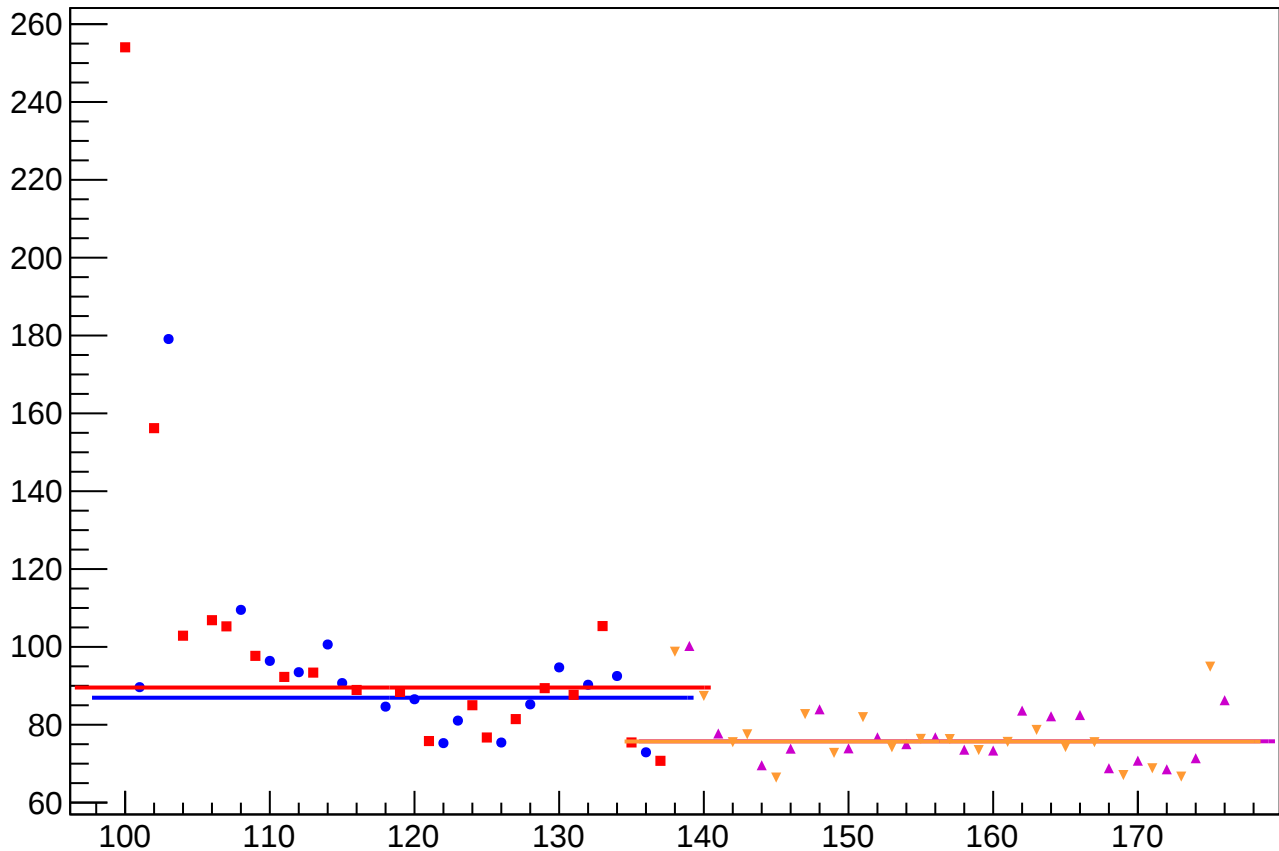
Left In: -61.811 $\pm$ 19.881 χ^2 /NDF:20.0/18

+ sign 37.152 $\pm$ 17.107 χ^2 /NDF: 40.9/36

All: -13.589 $\pm$ 12.147 χ^2 /NDF: 94.1/74

- sign -65.183 $\pm$ 17.250 χ^2 /NDF: 35.5/37

reg_asym_sam_2468_avg_rms vs Slug



Right In: 86.943+/-0.024 χ^2/NDF : 455809.4/16

Left Out: 75.702+/-0.014 χ^2/NDF : 299281.5/19

Right Out: 89.561+/-0.025 χ^2/NDF : 431229.7/18

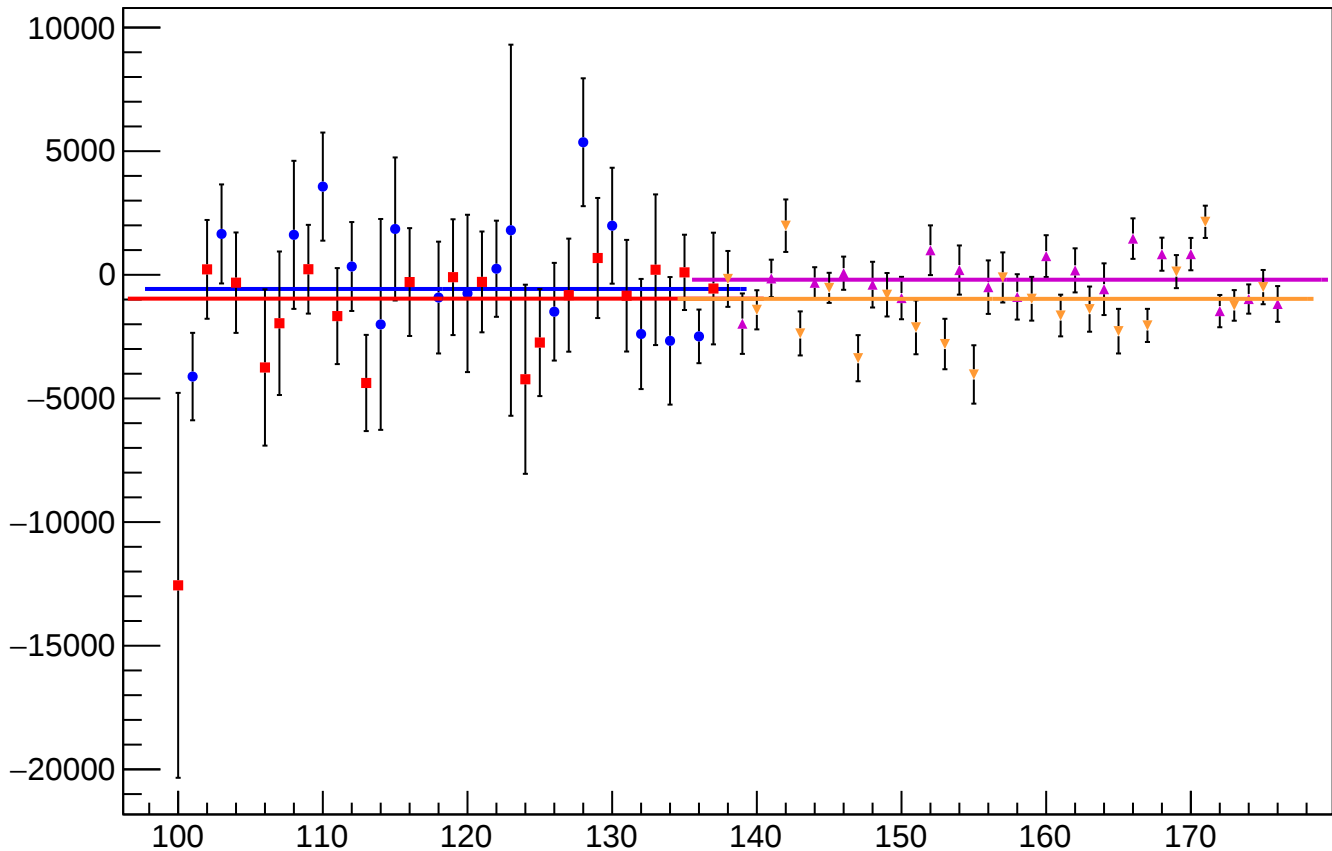
Left In: 75.744+/-0.014 χ^2/NDF : 216580.5/18

+ sign 78.453+/-0.012 χ^2/NDF : 914675.1/36

All: 78.803+/-0.009 χ^2/NDF : 1802911.3/74

- sign 79.159+/-0.012 χ^2/NDF : 886544.6/37

asym_sam_2468_avg_correction_mean vs Slug



Right In: -572.342 $\pm$ 517.020 χ^2 /NDF: 21.9/16

Left Out: -972.035 $\pm$ 183.256 χ^2 /NDF:61.7/19

Right Out: -963.846 $\pm$ 514.621 χ^2 /NDF: 10.1/18

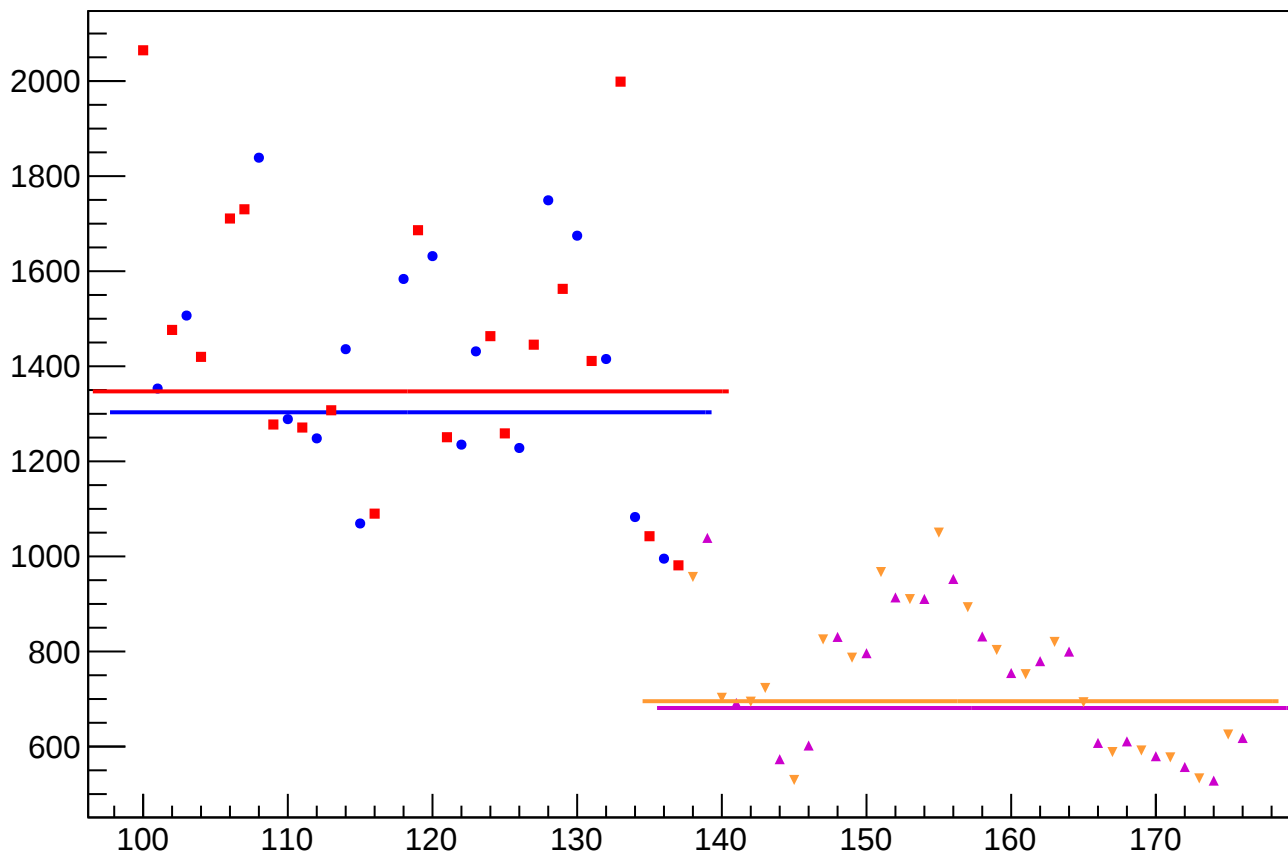
Left In: -198.089 $\pm$ 181.082 χ^2 /NDF:23.3/18

+ sign -927.425 $\pm$ 172.727 χ^2 /NDF: 84.1/36

All: -601.353 $\pm$ 121.455 χ^2 /NDF: 126.5/74

- sign -282.456 $\pm$ 170.816 χ^2 /NDF: 35.3/37

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1303.201+/-0.366 χ^2/NDF : 451961.9/16

Left Out: 695.415+/-0.130 χ^2/NDF : 1186221.0/19

Right Out: 1347.177+/-0.364 χ^2/NDF : 420774.0/18

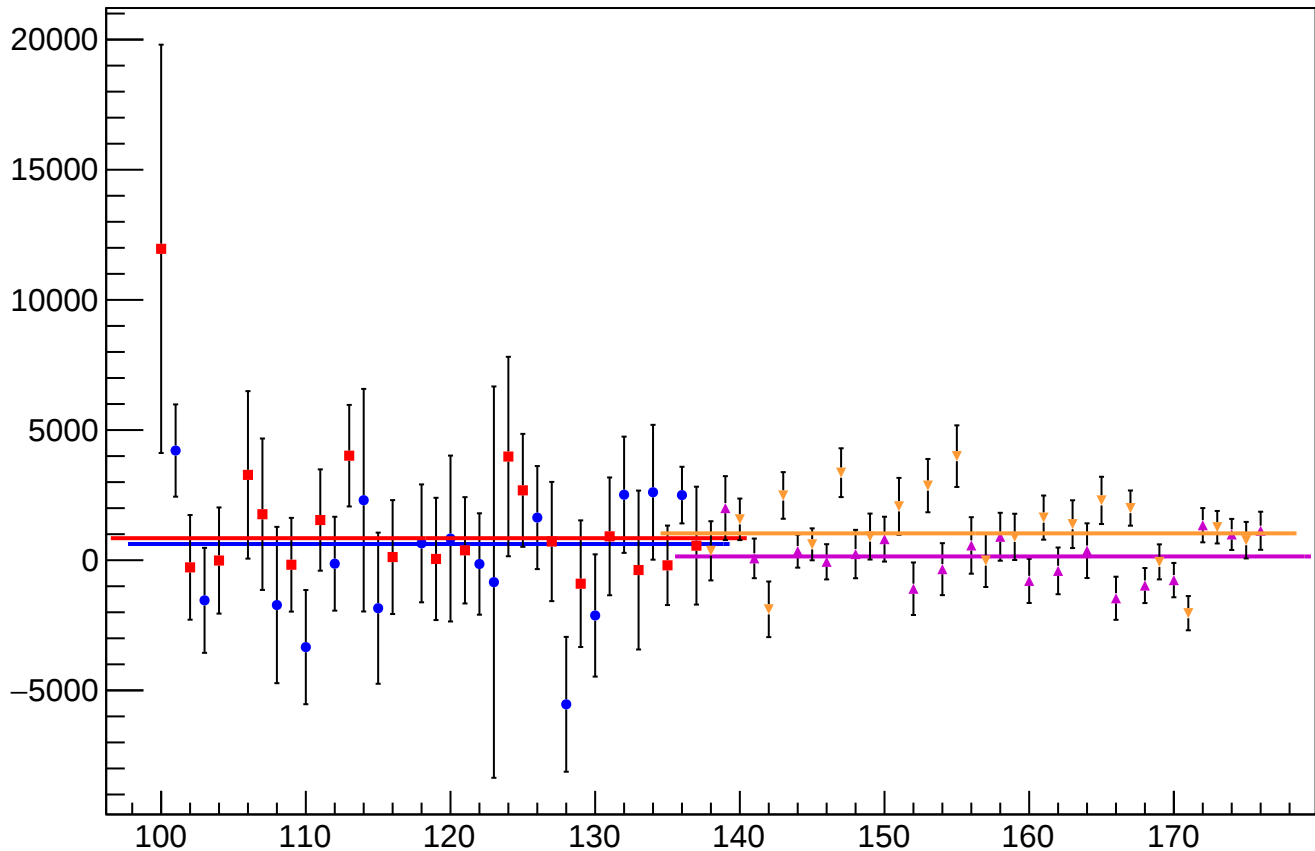
Left In: 681.095+/-0.128 χ^2/NDF : 1112634.3/18

+ sign 763.250+/-0.122 χ^2/NDF : 4093567.2/36

All: 758.816+/-0.086 χ^2/NDF : 8610944.5/74

- sign 754.480+/-0.121 χ^2/NDF : 4514770.7/37

asym_sam_2468_avg_mean vs Slug



Right In: 622.411 $\pm$ 518.496 χ^2 /NDF: 22.0/16

Left Out: 1031.520 $\pm$ 184.474 χ^2 /NDF: 58.4/19

Right Out: 846.021 $\pm$ 516.325 χ^2 /NDF: 9.1/18

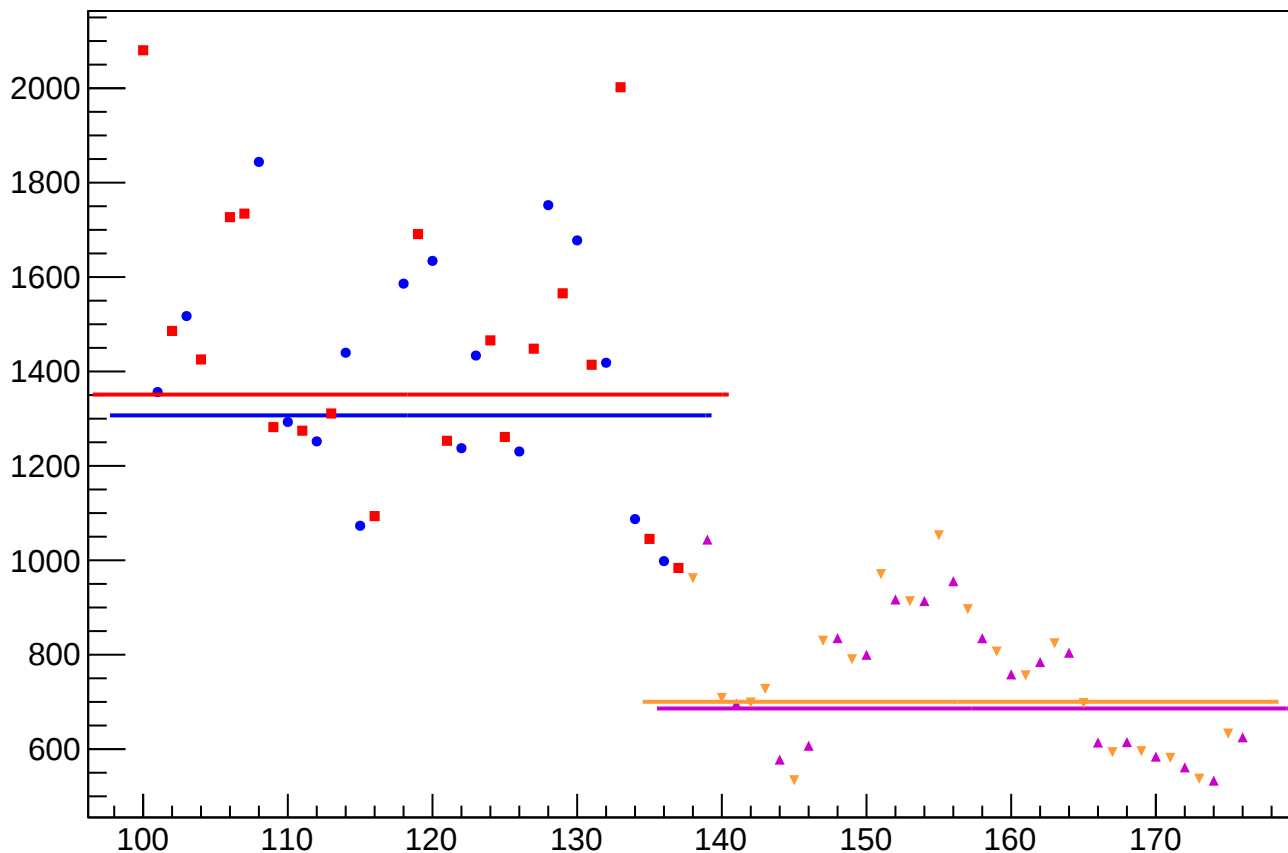
Left In: 144.918 $\pm$ 182.344 χ^2 /NDF: 22.9/18

+ sign 985.553 $\pm$ 173.801 χ^2 /NDF: 80.9/36

All: 599.996 $\pm$ 122.232 χ^2 /NDF: 124.3/74

- sign 222.664 $\pm$ 171.937 χ^2 /NDF: 33.6/37

asym_sam_2468_avg_rms vs Slug



Right In: 1306.980 $\pm$ 0.367 χ^2 /NDF: 451191.7/16

Left Out: 700.278 $\pm$ 0.130 χ^2 /NDF: 1166901.1/19

Right Out: 1351.096 $\pm$ 0.365 χ^2 /NDF: 421804.6/18

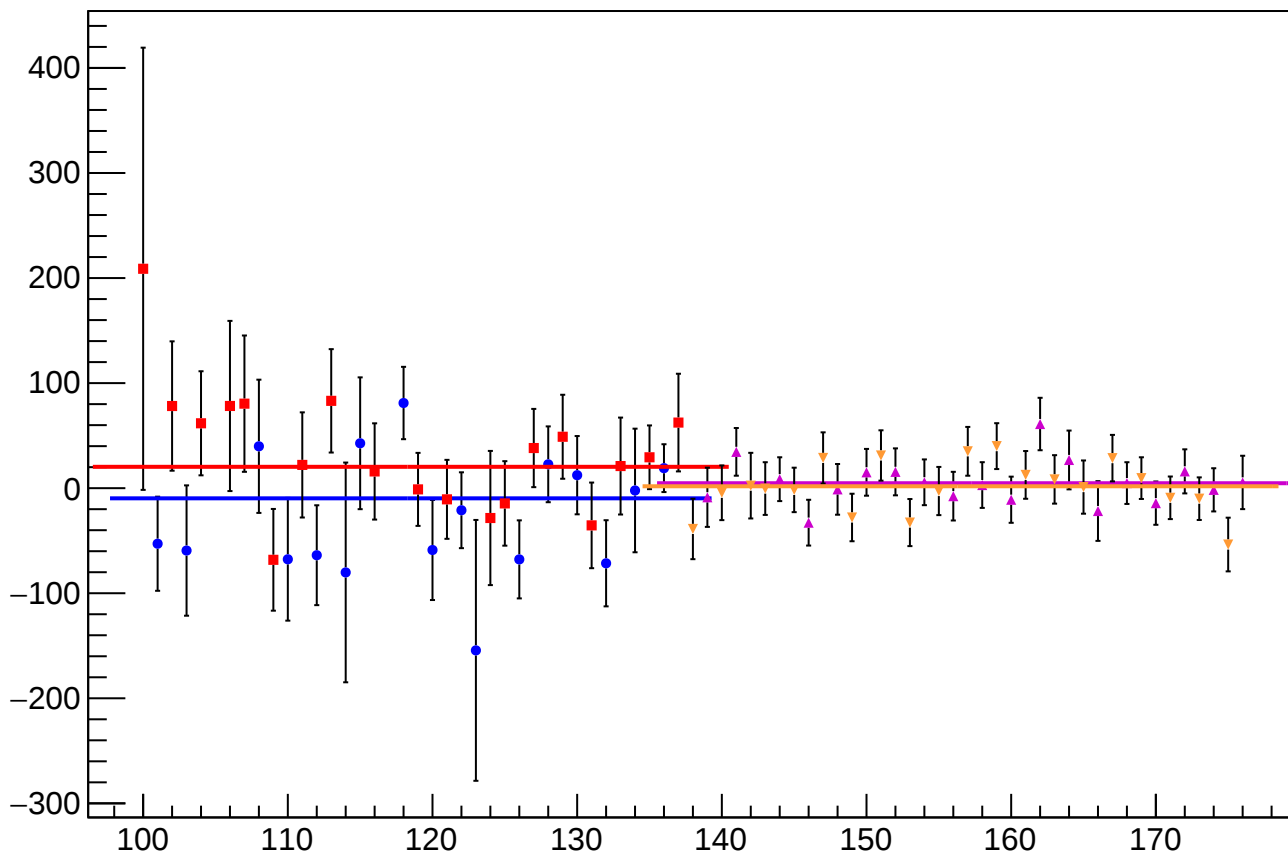
Left In: 686.089 $\pm$ 0.129 χ^2 /NDF: 1092837.0/18

+ sign 768.448 $\pm$ 0.123 χ^2 /NDF: 4048769.4/36

All: 764.093 $\pm$ 0.086 χ^2 /NDF: 8515693.1/74

- sign 759.832 $\pm$ 0.122 χ^2 /NDF: 4464439.7/37

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -9.669 ± 10.408 χ^2/NDF : 22.6/16

Left Out: 1.816 ± 5.190 χ^2/NDF : 21.3/19

Right Out: 20.335 ± 10.444 χ^2/NDF : 14.7/18

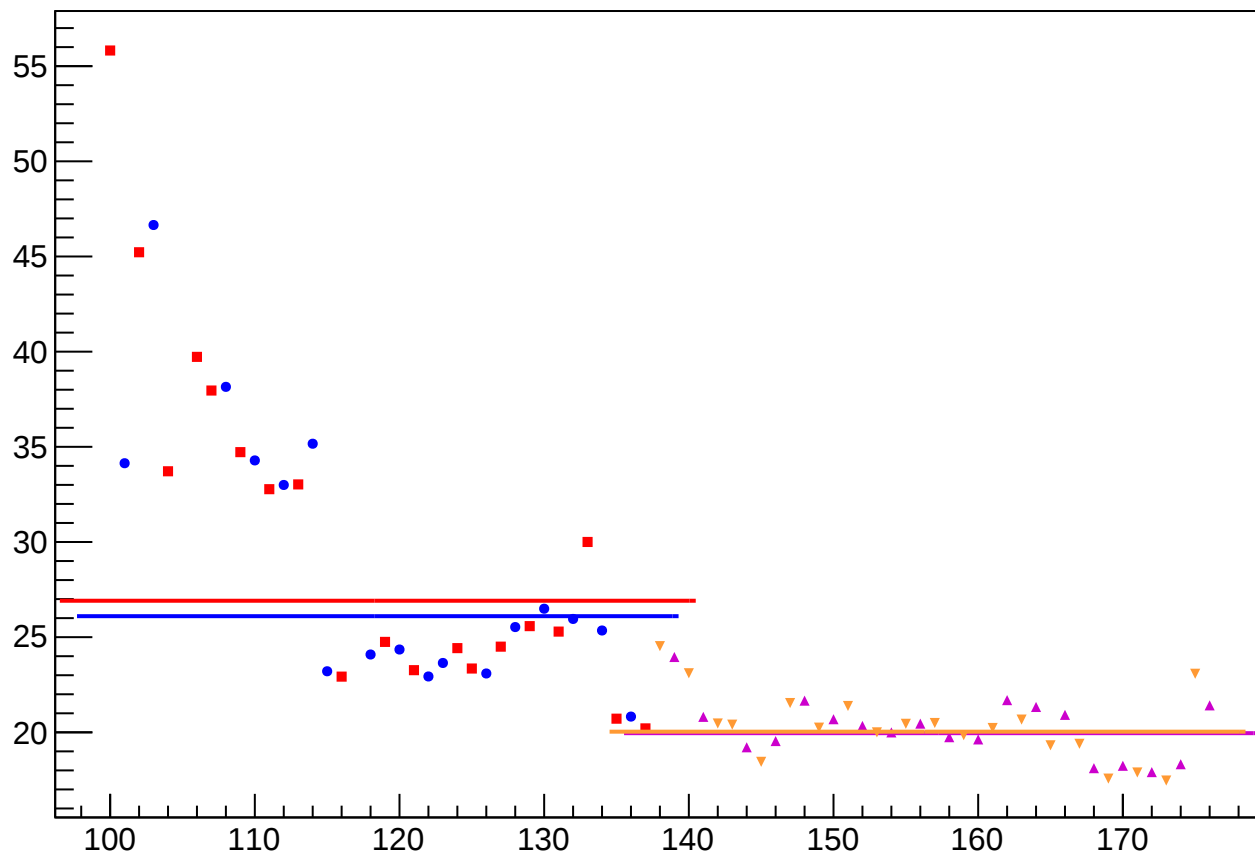
Left In: 4.705 ± 5.220 χ^2/NDF : 14.1/18

+ sign -0.471 ± 4.645 χ^2/NDF : 44.9/36

All: 3.657 ± 3.293 χ^2/NDF : 77.0/74

- sign 7.829 ± 4.669 χ^2/NDF : 30.5/37

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.103+/-0.007 χ^2/NDF : 604038.5/16

Left Out: 20.035+/-0.004 χ^2/NDF : 222896.9/19

Right Out: 26.914+/-0.007 χ^2/NDF : 678970.2/18

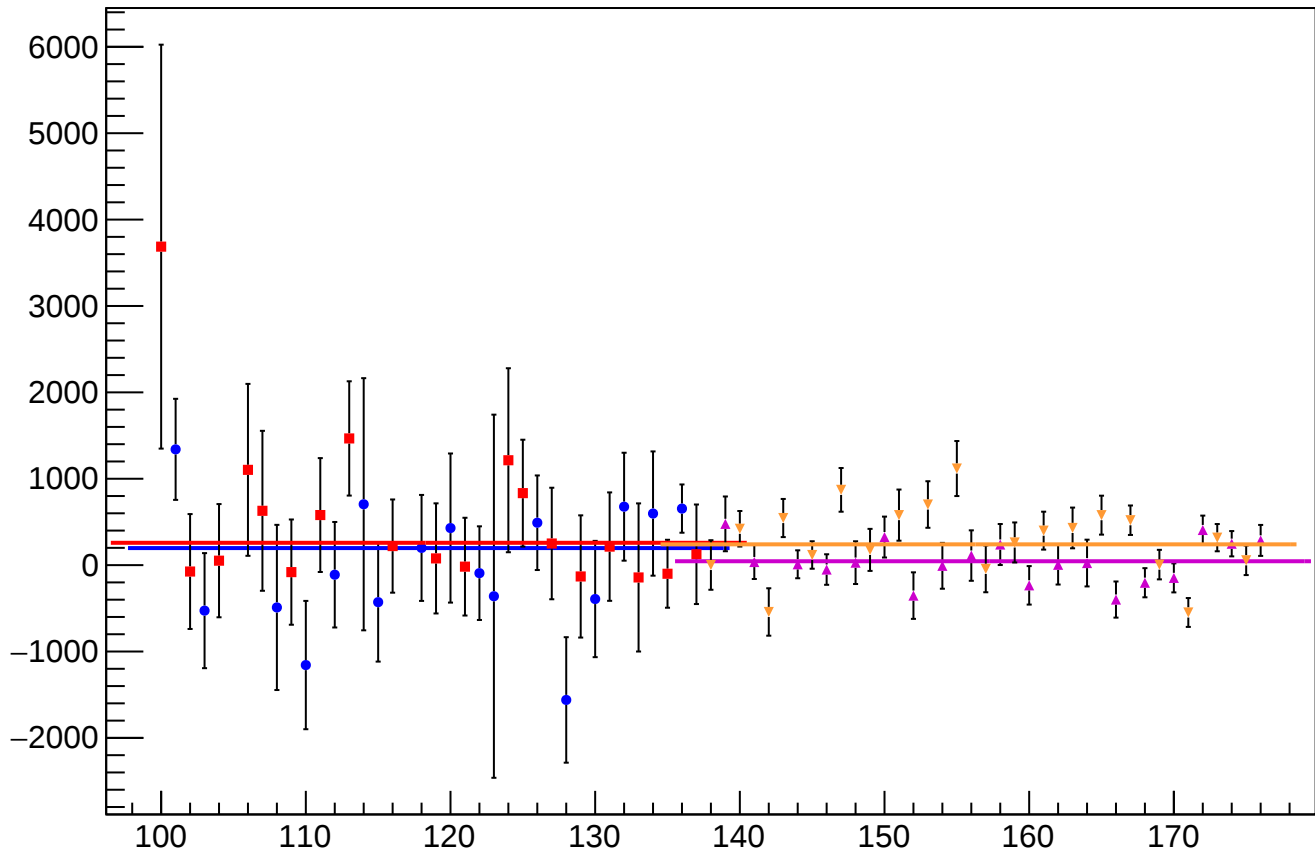
Left In: 19.956+/-0.004 χ^2/NDF : 146789.2/18

+ sign 21.244+/-0.003 χ^2/NDF : 1371278.3/36

All: 21.295+/-0.002 χ^2/NDF : 2907768.4/74

- sign 21.347+/-0.003 χ^2/NDF : 1535997.9/37

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 197.327 $\pm$ 147.883 χ^2/NDF : 21.0/16

Left Out: 240.664 $\pm$ 47.344 χ^2/NDF : 63.0/19

Right Out: 258.537 $\pm$ 149.867 χ^2/NDF : 10.7/18

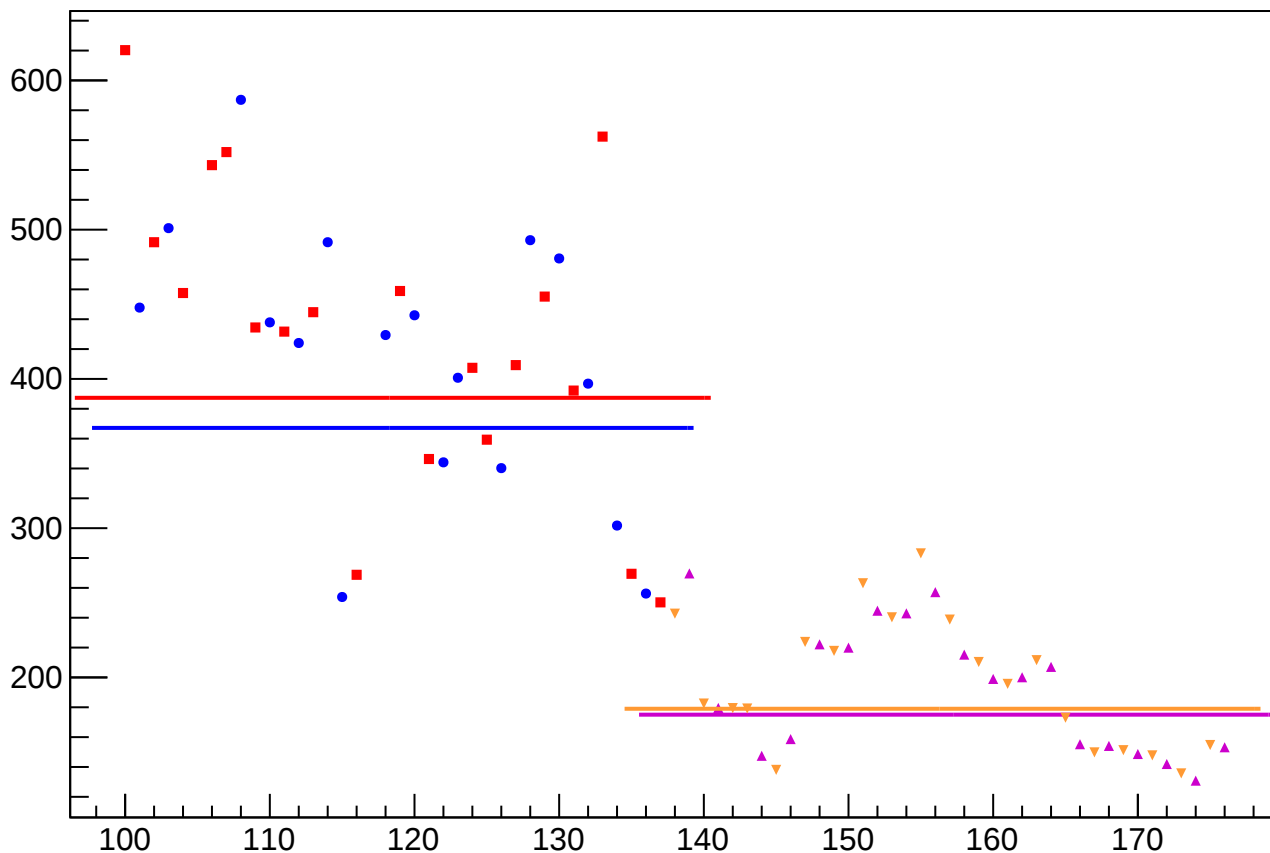
Left In: 44.985 $\pm$ 46.732 χ^2/NDF : 24.6/18

+ sign 236.635 $\pm$ 45.090 χ^2/NDF : 84.0/36

All: 149.354 $\pm$ 31.713 χ^2/NDF : 128.5/74

- sign 63.910 $\pm$ 44.613 χ^2/NDF : 37.1/37

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 367.180 $\pm$ 0.105 χ^2 /NDF: 827148.2/16

Left Out: 179.010 $\pm$ 0.033 χ^2 /NDF:1381251.4/19

Right Out: 387.344 $\pm$ 0.106 χ^2 /NDF: 774562.4/18

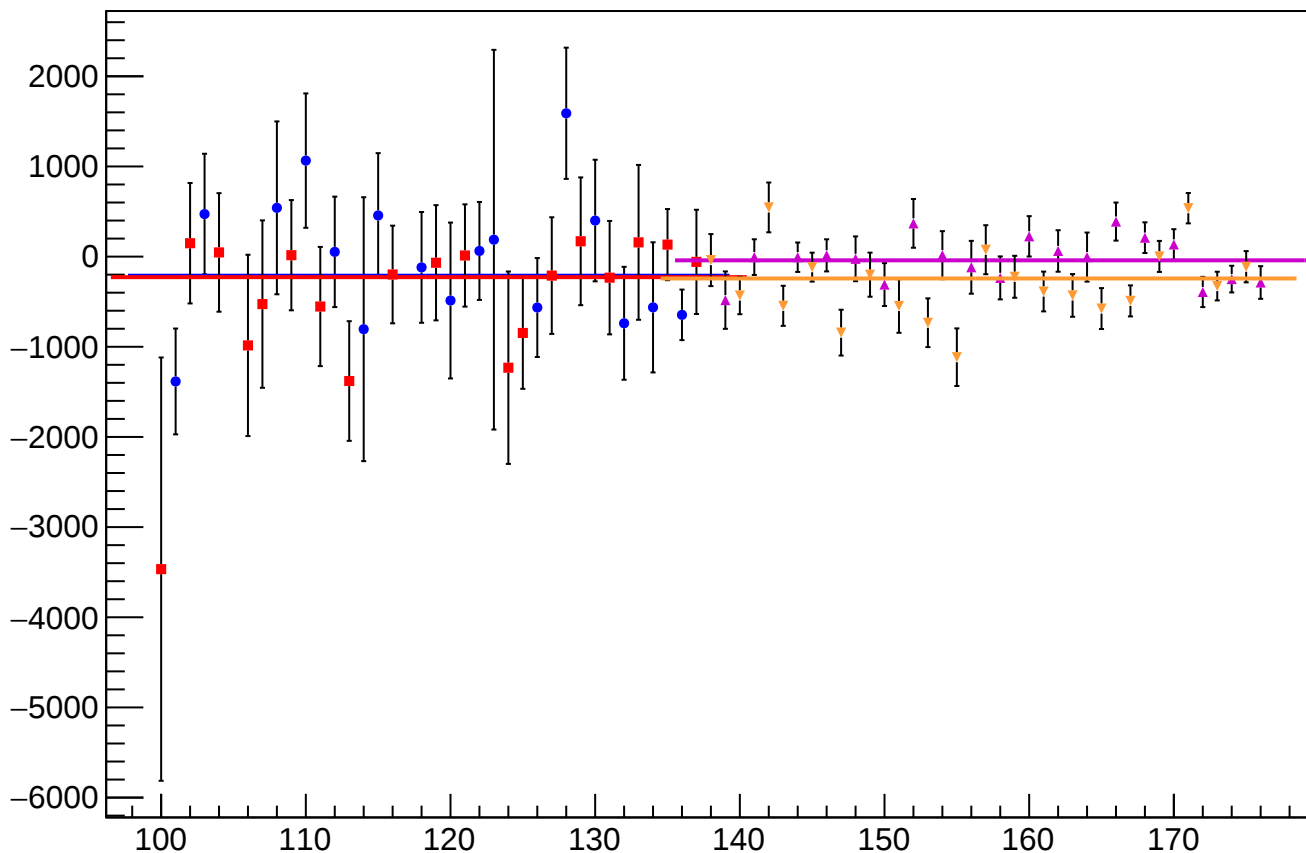
Left In: 175.046 $\pm$ 0.033 χ^2 /NDF:1342999.6/18

+ sign 196.503 $\pm$ 0.032 χ^2 /NDF: 5145492.3/36

All: 195.167 $\pm$ 0.022 χ^2 /NDF: 10924248.8/74

- sign 193.859 $\pm$ 0.032 χ^2 /NDF: 5775280.6/37

asym_sam_1357_2468_dd_mean vs Slug



Right In: -211.859 ± 148.316 χ^2/NDF : 21.0/16

Left Out: -242.337 ± 47.671 χ^2/NDF : 60.4/19

Right Out: -227.831 ± 150.317 χ^2/NDF : 10.1/18

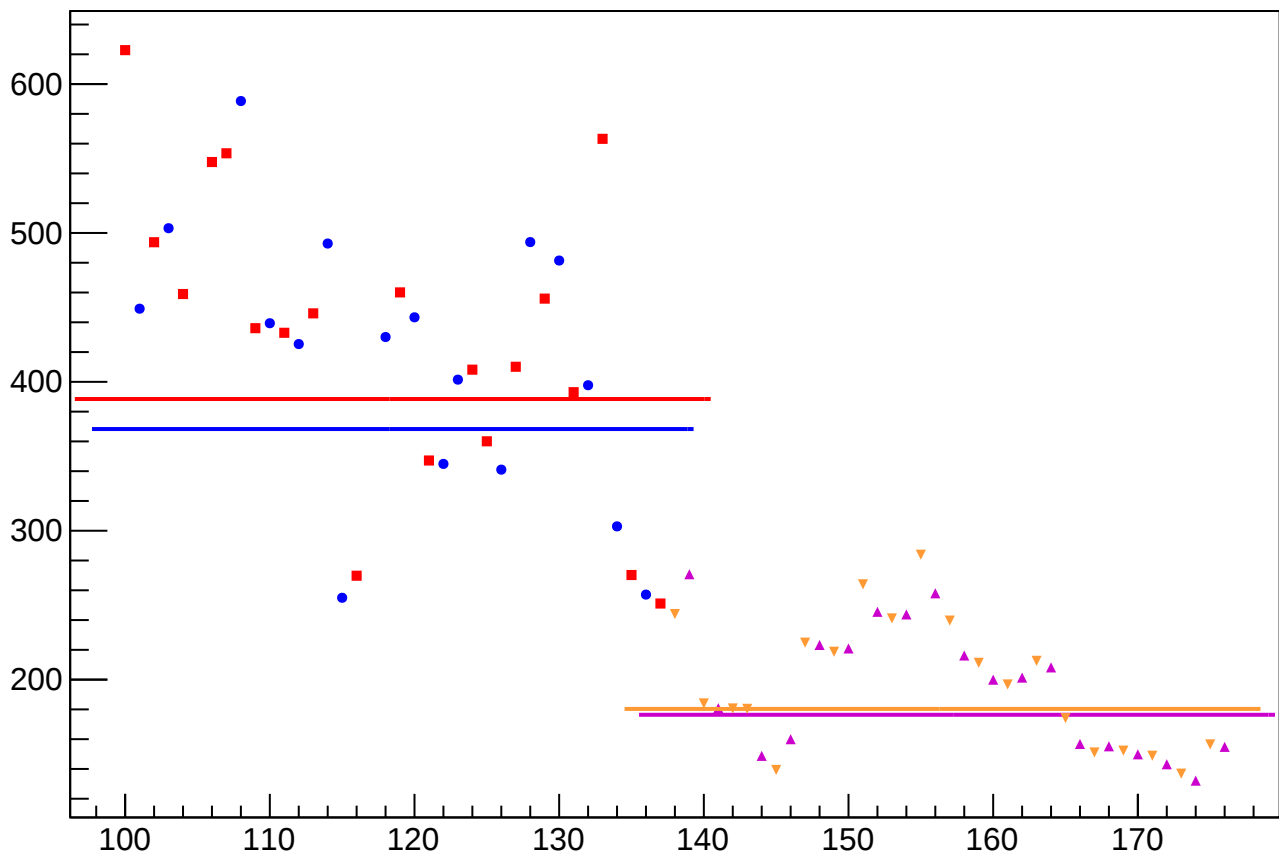
Left In: -41.246 ± 47.068 χ^2/NDF : 23.7/18

+ sign -239.484 ± 45.384 χ^2/NDF : 81.4/36

All: -147.756 ± 31.925 χ^2/NDF : 124.7/74

- sign -57.906 ± 44.917 χ^2/NDF : 35.2/37

asym_sam_1357_2468_dd_rms vs Slug



Right In: 368.302 $\pm$ 0.105 χ^2 /NDF: 824619.2/16

Left Out: 180.324 $\pm$ 0.034 χ^2 /NDF: 1358217.9/19

Right Out: 388.472 $\pm$ 0.106 χ^2 /NDF: 774717.2/18

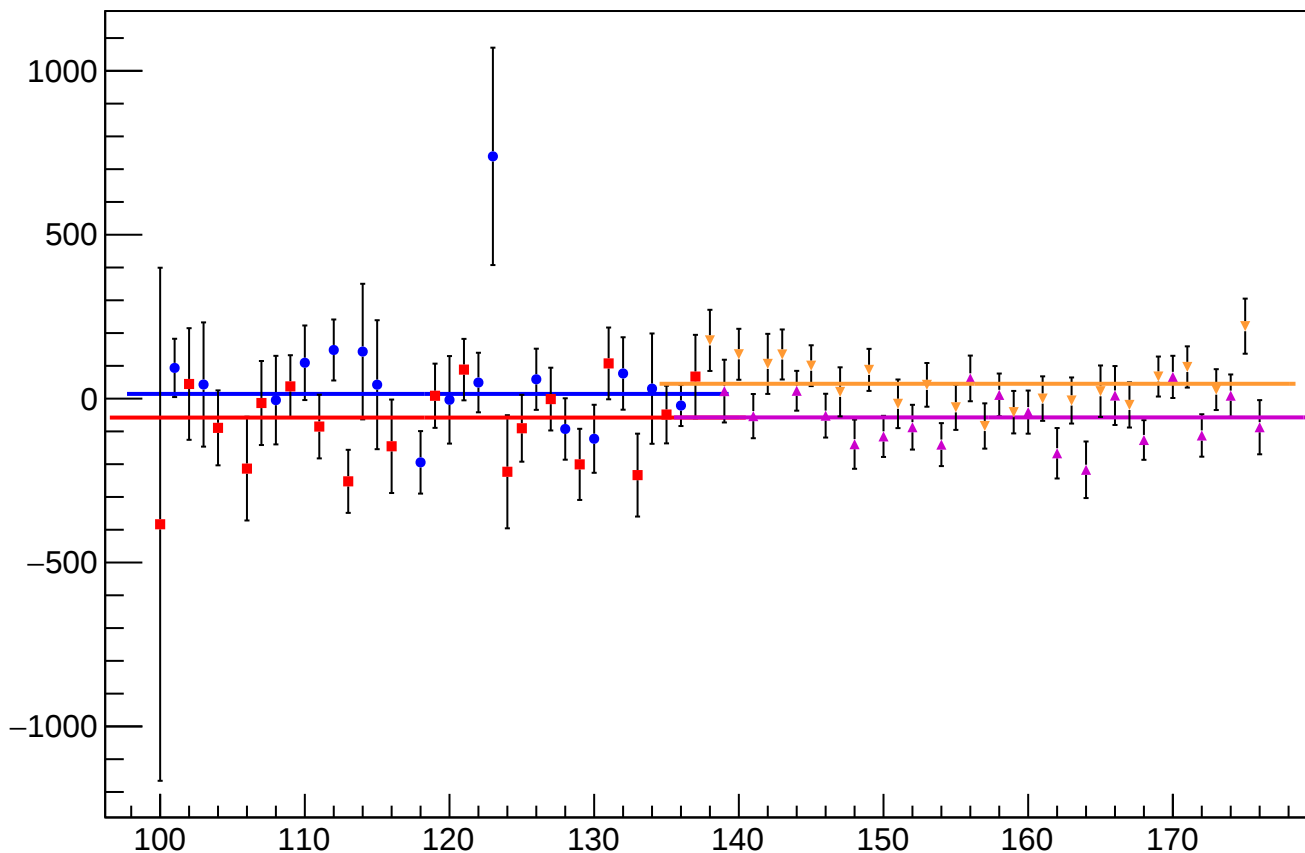
Left In: 176.387 $\pm$ 0.033 χ^2 /NDF: 1318715.0/18

+ sign 197.925 $\pm$ 0.032 χ^2 /NDF: 5094684.3/36

All: 196.612 $\pm$ 0.023 χ^2 /NDF: 10817323.1/74

- sign 195.325 $\pm$ 0.032 χ^2 /NDF: 5719322.0/37

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 14.385 $\pm$ 26.334 χ^2 /NDF: 17.7/16

Left Out: 45.301 $\pm$ 15.757 χ^2 /NDF:20.7/19

Right Out: -57.795 $\pm$ 26.121 χ^2 /NDF: 18.4/18

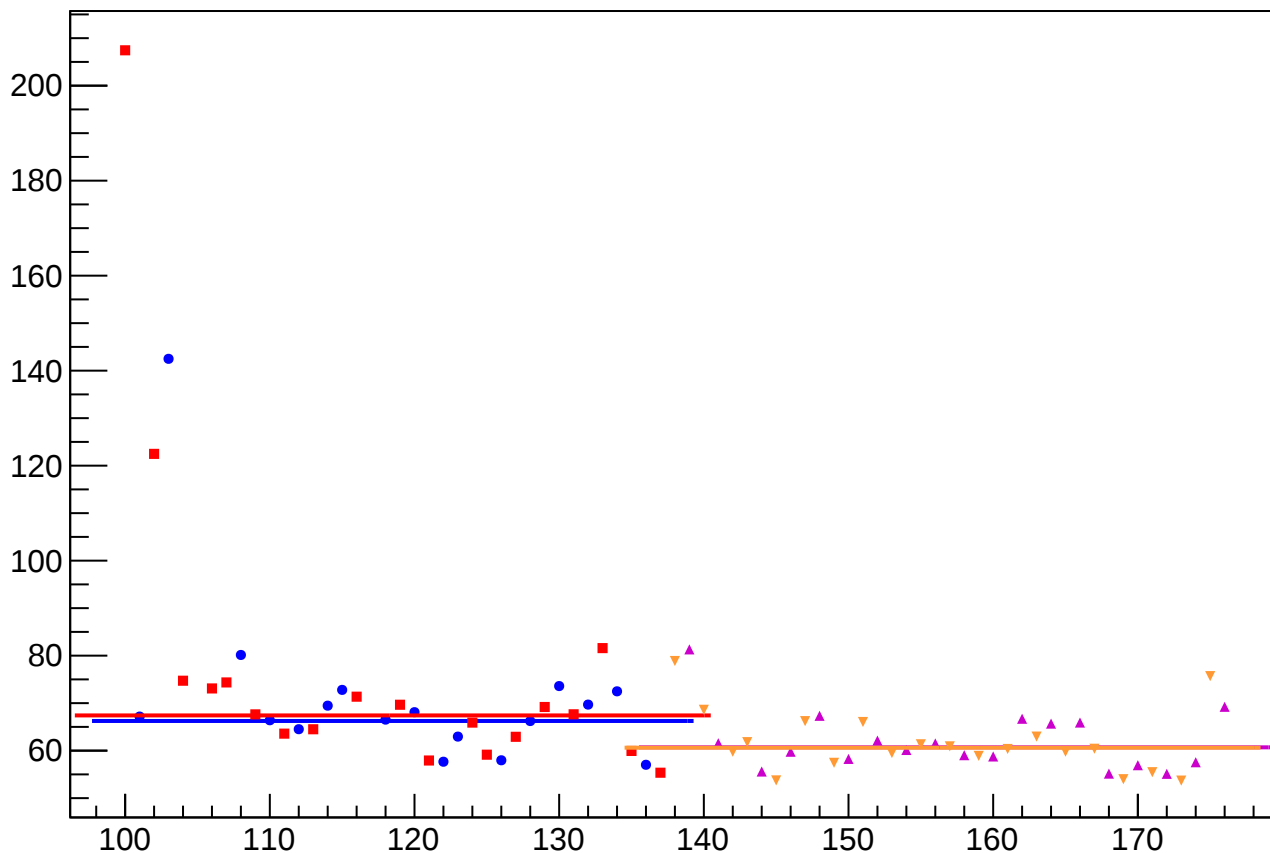
Left In: -57.271 $\pm$ 15.927 χ^2 /NDF:23.3/18

+ sign 37.151 $\pm$ 13.521 χ^2 /NDF: 39.4/36

All: -9.860 $\pm$ 9.588 χ^2 /NDF: 105.5/74

- sign -57.413 $\pm$ 13.599 χ^2 /NDF: 41.7/37

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 66.247+/-0.019 χ^2/NDF : 440944.2/16

Left Out: 60.619+/-0.011 χ^2/NDF : 280230.0/19

Right Out: 67.415+/-0.018 χ^2/NDF : 393608.5/18

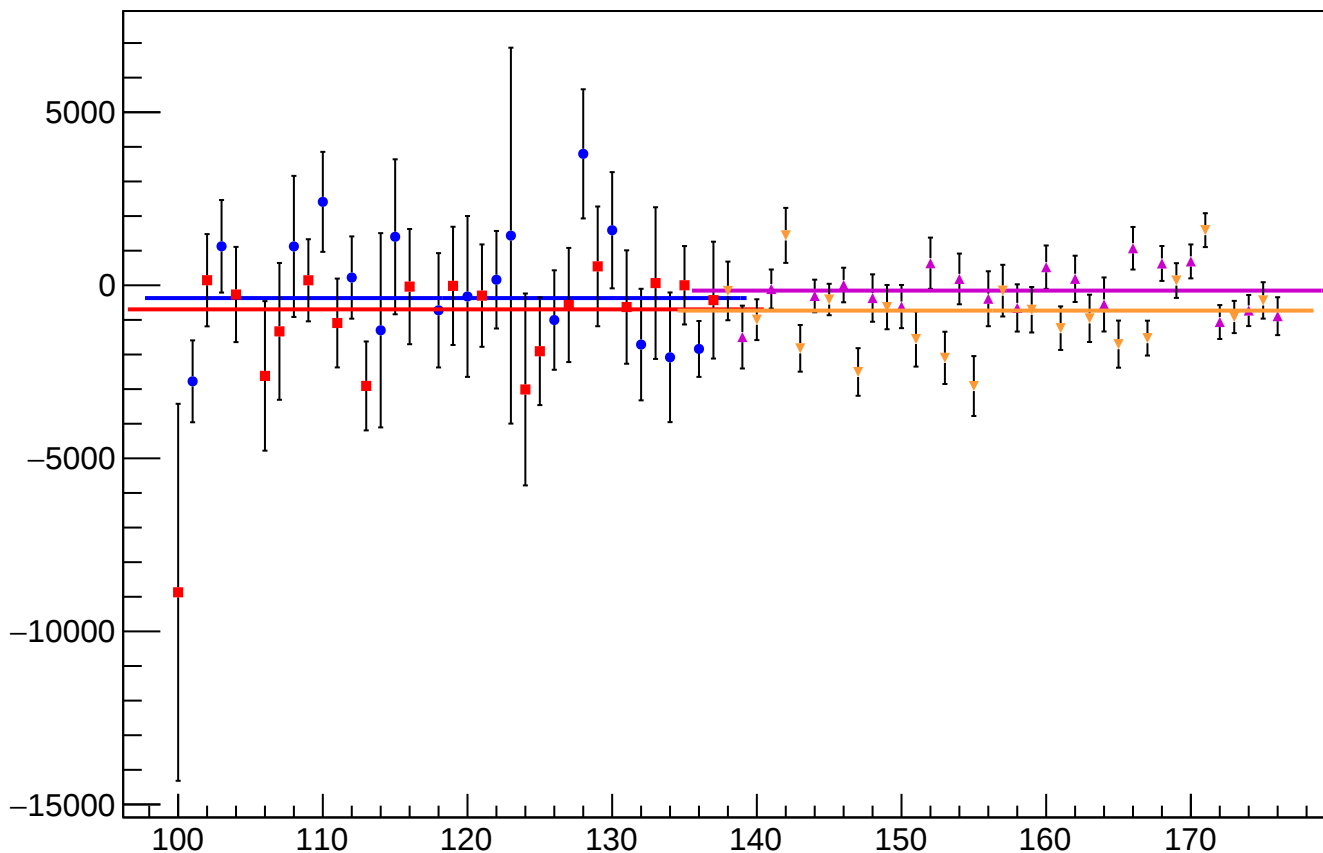
Left In: 60.698+/-0.011 χ^2/NDF : 220673.9/18

+ sign 62.103+/-0.010 χ^2/NDF : 788442.3/36

All: 62.309+/-0.007 χ^2/NDF : 1500084.9/74

- sign 62.518+/-0.010 χ^2/NDF : 710703.8/37

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -369.546+/-366.432 χ^2 /NDF: 22.3/16

Left Out: -730.831+/-136.873 χ^2 /NDF:60.5/19

Right Out: -695.425+/-361.887 χ^2 /NDF: 9.9/18

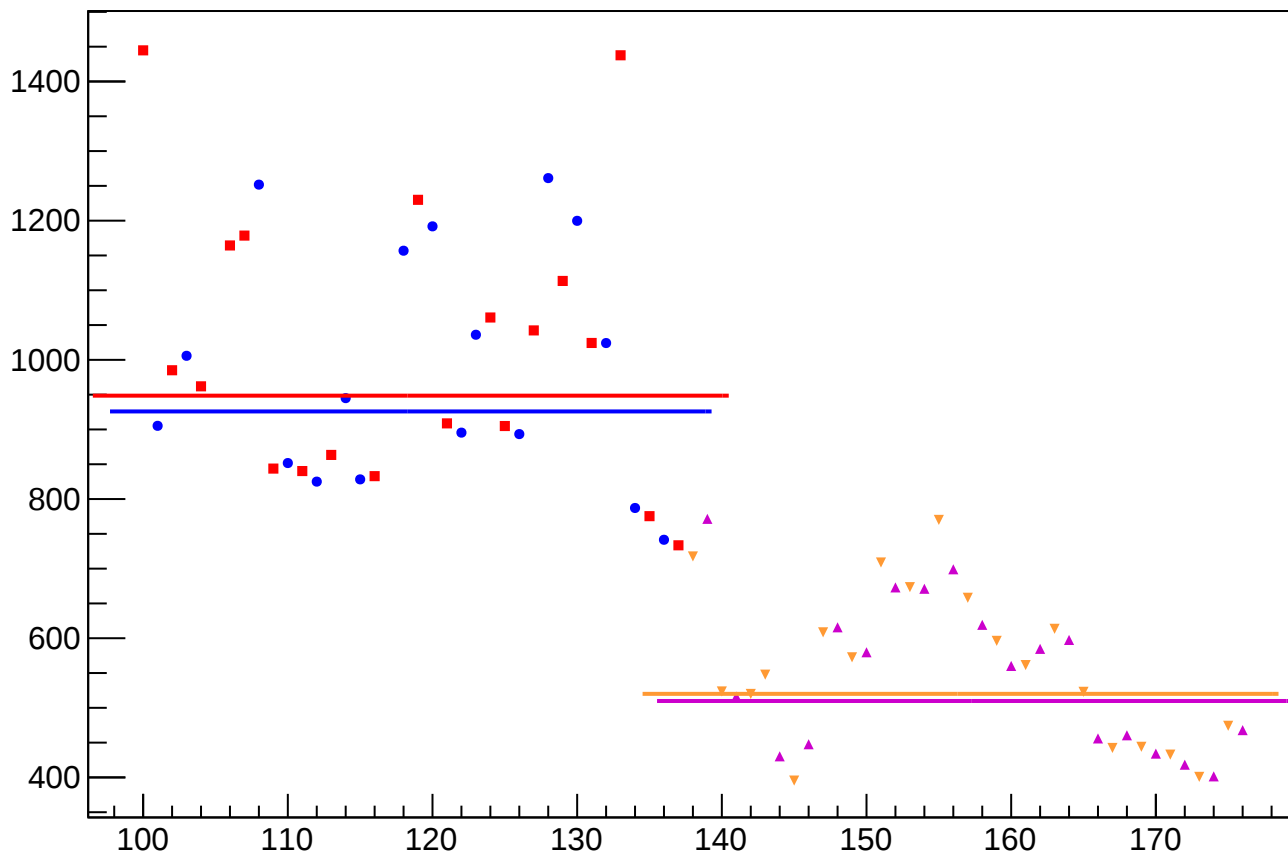
Left In: -153.282+/-135.348 χ^2 /NDF:22.9/18

+ sign -686.596+/-128.220 χ^2 /NDF: 83.6/36

All: -450.552+/-90.149 χ^2 /NDF: 125.2/74

- sign -219.811+/-126.771 χ^2 /NDF: 34.9/37

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 925.885 $\pm$ 0.259 χ^2 /NDF: 391084.5/16

Left Out: 520.079 $\pm$ 0.097 χ^2 /NDF: 1115394.7/19

Right Out: 948.553 $\pm$ 0.256 χ^2 /NDF: 381931.9/18

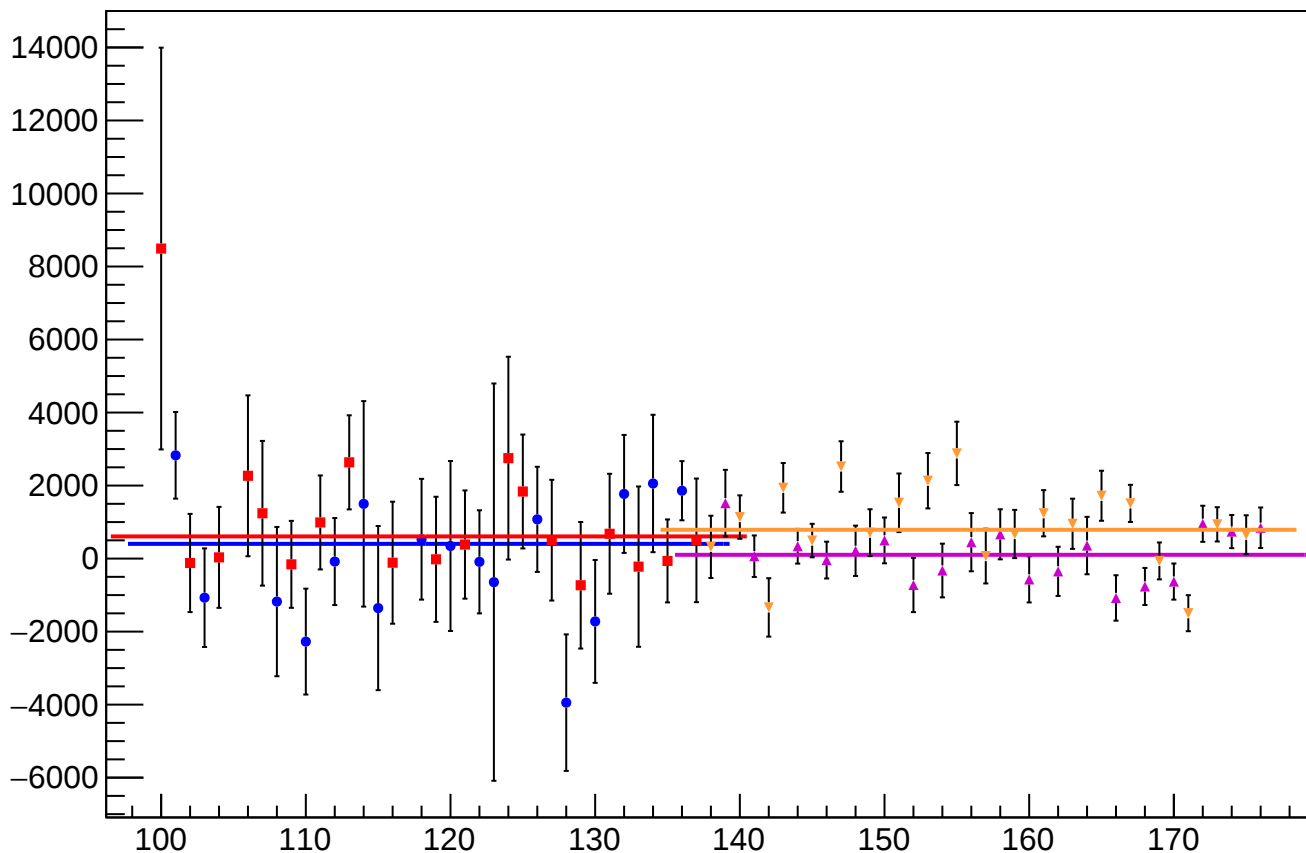
Left In: 509.830 $\pm$ 0.096 χ^2 /NDF: 1029256.7/18

+ sign 569.766 $\pm$ 0.091 χ^2 /NDF: 3659038.0/36

All: 566.682 $\pm$ 0.064 χ^2 /NDF: 7651231.2/74

- sign 563.668 $\pm$ 0.090 χ^2 /NDF: 3989905.6/37

asym_sam_12345678_avg_mean vs Slug



Right In: 403.591 $\pm$ 367.686 χ^2 /NDF: 22.4/16

Left Out: 788.758 $\pm$ 137.906 χ^2 /NDF:56.9/19

Right Out: 607.276 $\pm$ 363.327 χ^2 /NDF: 8.8/18

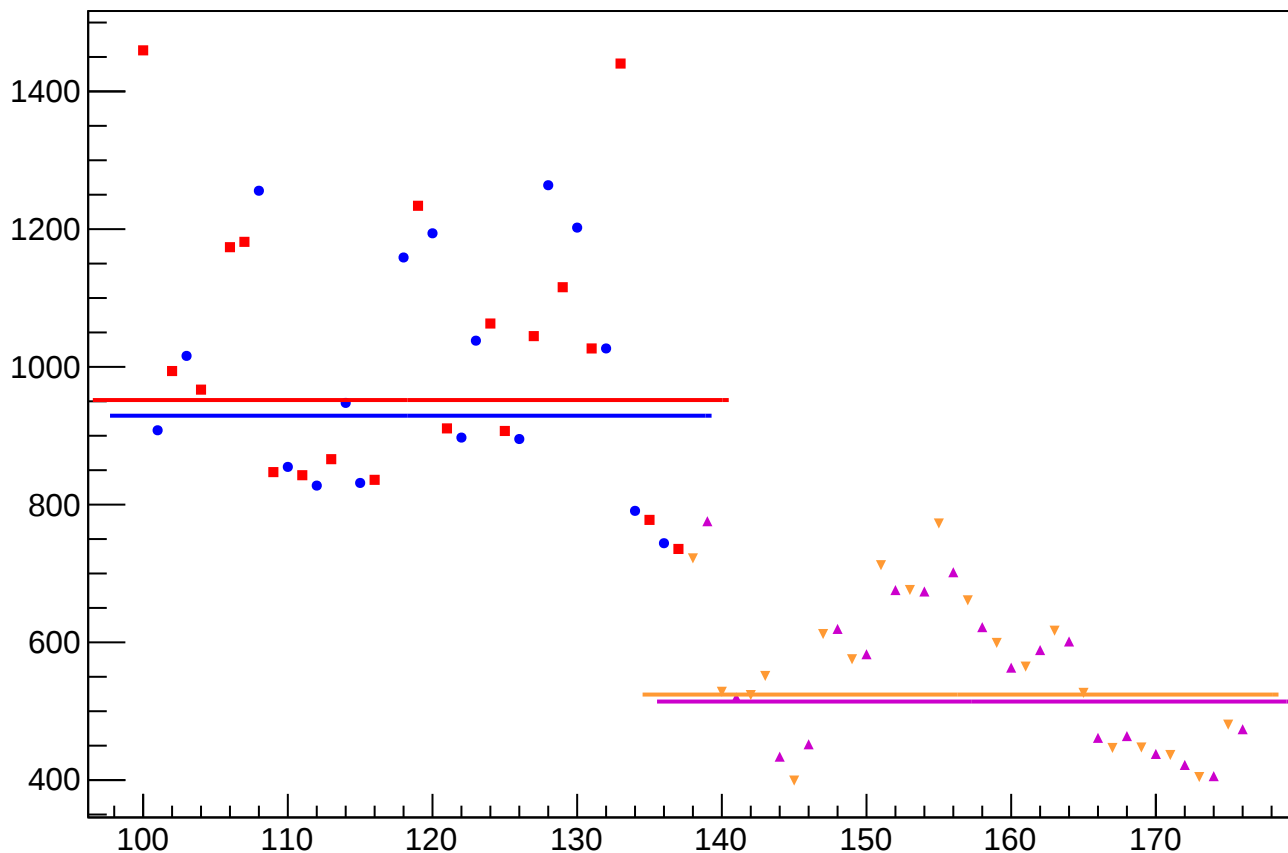
Left In: 103.595 $\pm$ 136.417 χ^2 /NDF:22.7/18

+ sign 741.257 $\pm$ 129.123 χ^2 /NDF: 80.3/36

All: 450.380 $\pm$ 90.801 χ^2 /NDF: 123.5/74

- sign 165.827 $\pm$ 127.711 χ^2 /NDF: 33.2/37

asym_sam_12345678_avg_rms vs Slug



Right In: 929.096 $\pm$ 0.260 χ^2 /NDF: 390292.1/16

Left Out: 524.202 $\pm$ 0.098 χ^2 /NDF:1094440.6/19

Right Out: 951.847 $\pm$ 0.257 χ^2 /NDF: 382219.3/18

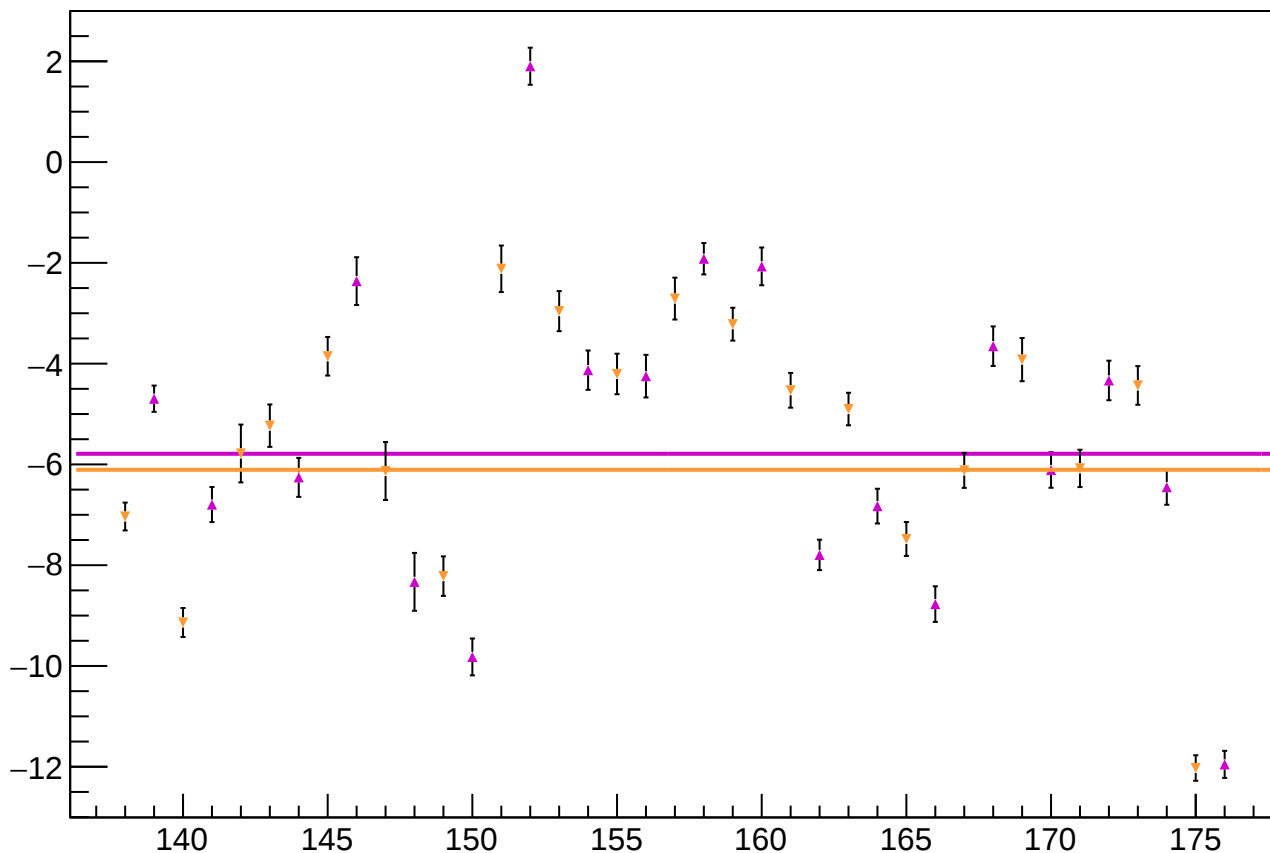
Left In: 514.051 $\pm$ 0.096 χ^2 /NDF:1008558.1/18

+ sign 574.136 $\pm$ 0.091 χ^2 /NDF: 3610905.0/36

All: 571.107 $\pm$ 0.064 χ^2 /NDF: 7548939.3/74

- sign 568.143 $\pm$ 0.090 χ^2 /NDF: 3935856.7/37

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -6.107 $\pm$ 0.081 χ^2/NDF :1137.6/19

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

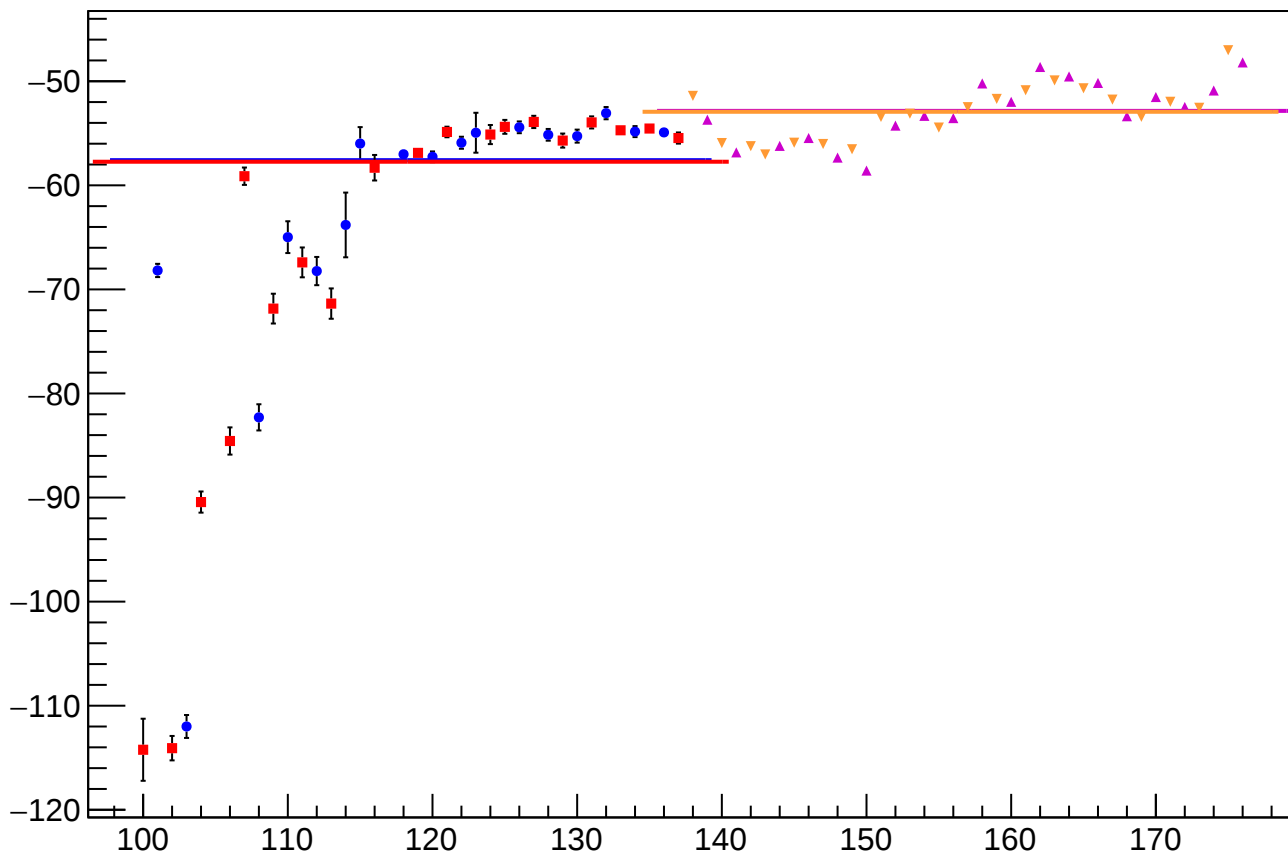
Left In: -5.789 $\pm$ 0.081 χ^2/NDF :1640.0/18

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

All: -5.948 $\pm$ 0.057 χ^2/NDF : 2785.2/38

- sign 0.000 $\pm$ 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: -52.932 ± 0.062 χ^2/NDF : 1818.4/19

Right Out: -57.732 ± 0.143 χ^2/NDF : 4698.5/18

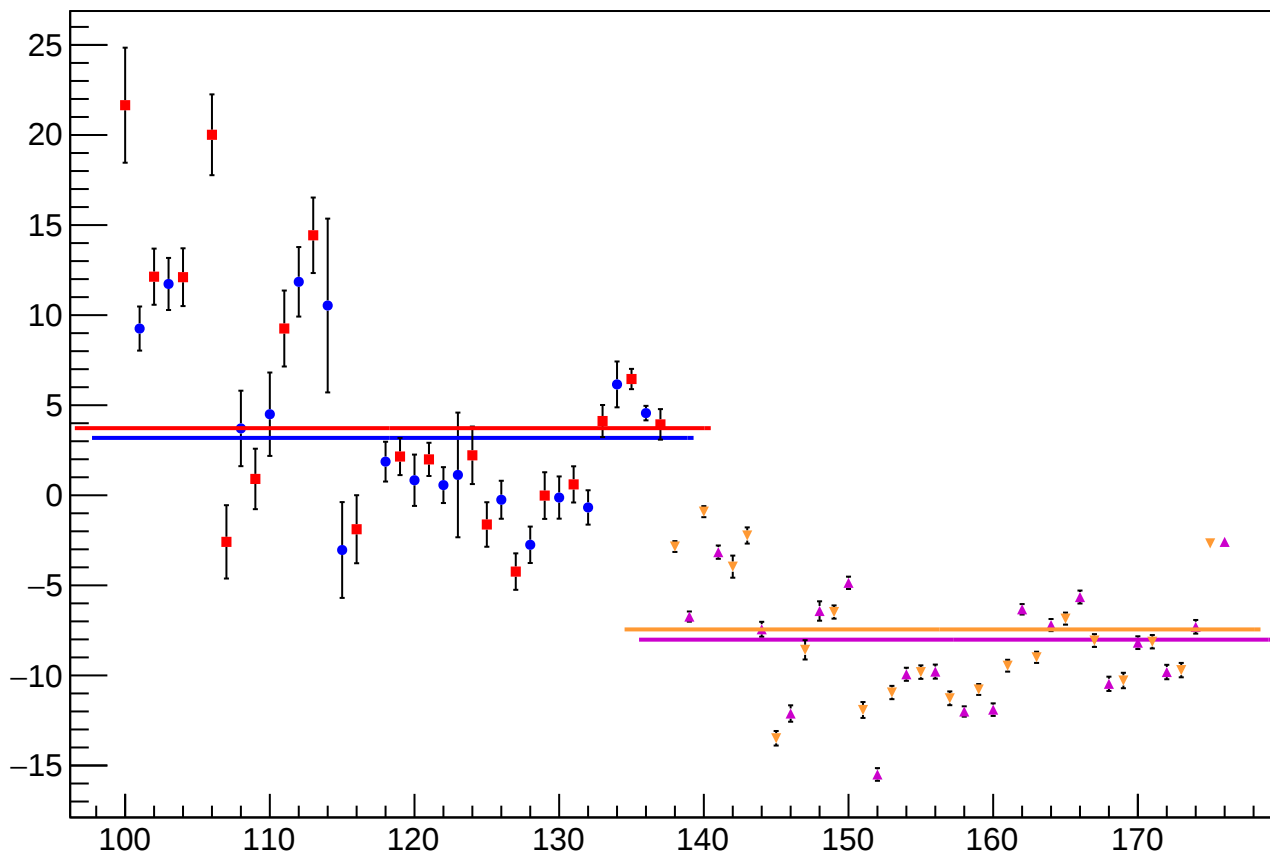
Left In: -52.847 ± 0.064 χ^2/NDF : 2351.6/18

+ sign -53.667 ± 0.057 χ^2/NDF : 6163.0/36

All: -53.661 ± 0.041 χ^2/NDF : 14187.4/74

- sign -53.656 ± 0.058 χ^2/NDF : 8024.3/37

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.185 ± 0.259 χ^2/NDF : 185.8/16

Left Out: -7.446 ± 0.080 χ^2/NDF : 2050.0/19

Right Out: 3.726 ± 0.268 χ^2/NDF : 324.1/18

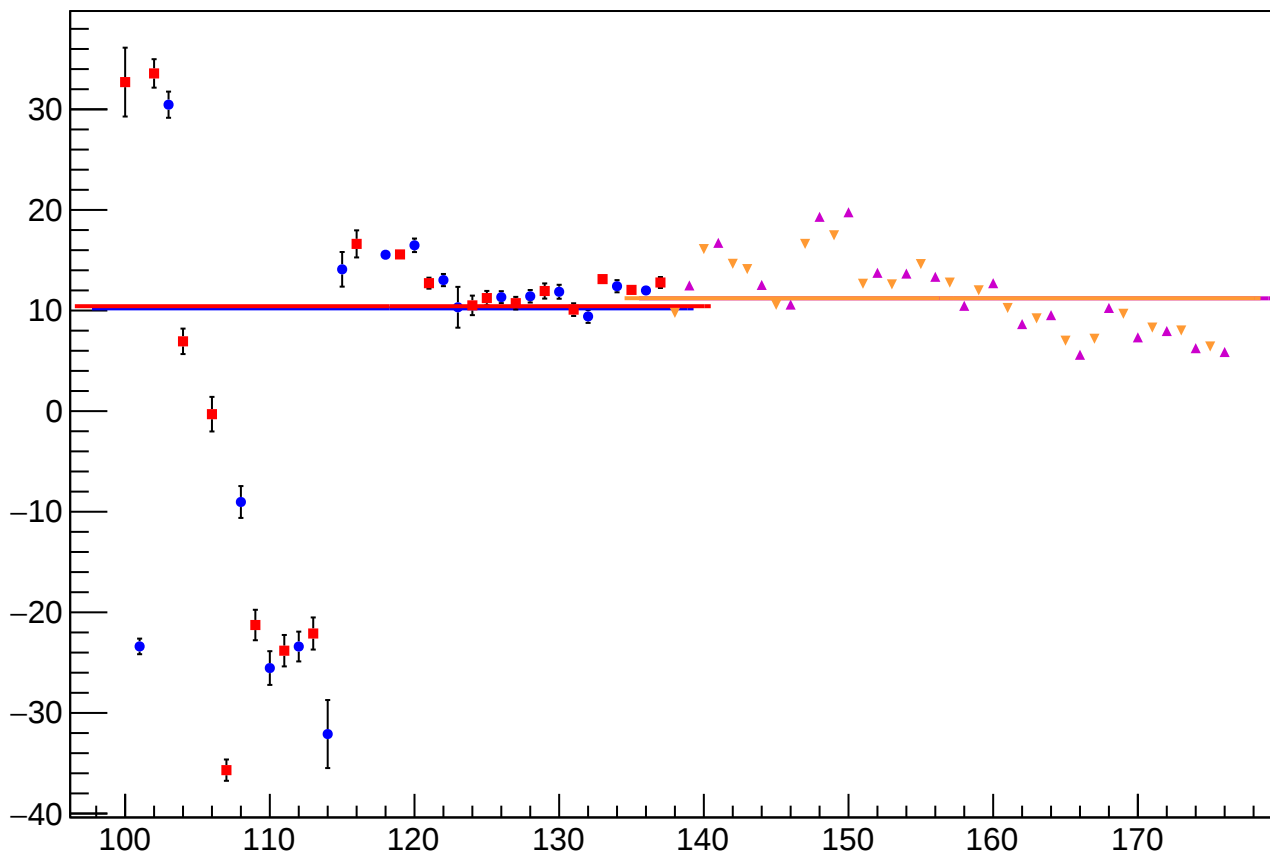
Left In: -8.015 ± 0.080 χ^2/NDF : 1747.3/18

+ sign -6.512 ± 0.077 χ^2/NDF : 3772.6/36

All: -6.778 ± 0.054 χ^2/NDF : 7634.8/74

- sign -7.045 ± 0.077 χ^2/NDF : 3838.1/37

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.215 ± 0.158 χ^2/NDF : 3692.6/16

Left Out: 11.224 ± 0.070 χ^2/NDF : 2196.8/19

Right Out: 10.430 ± 0.160 χ^2/NDF : 3826.9/18

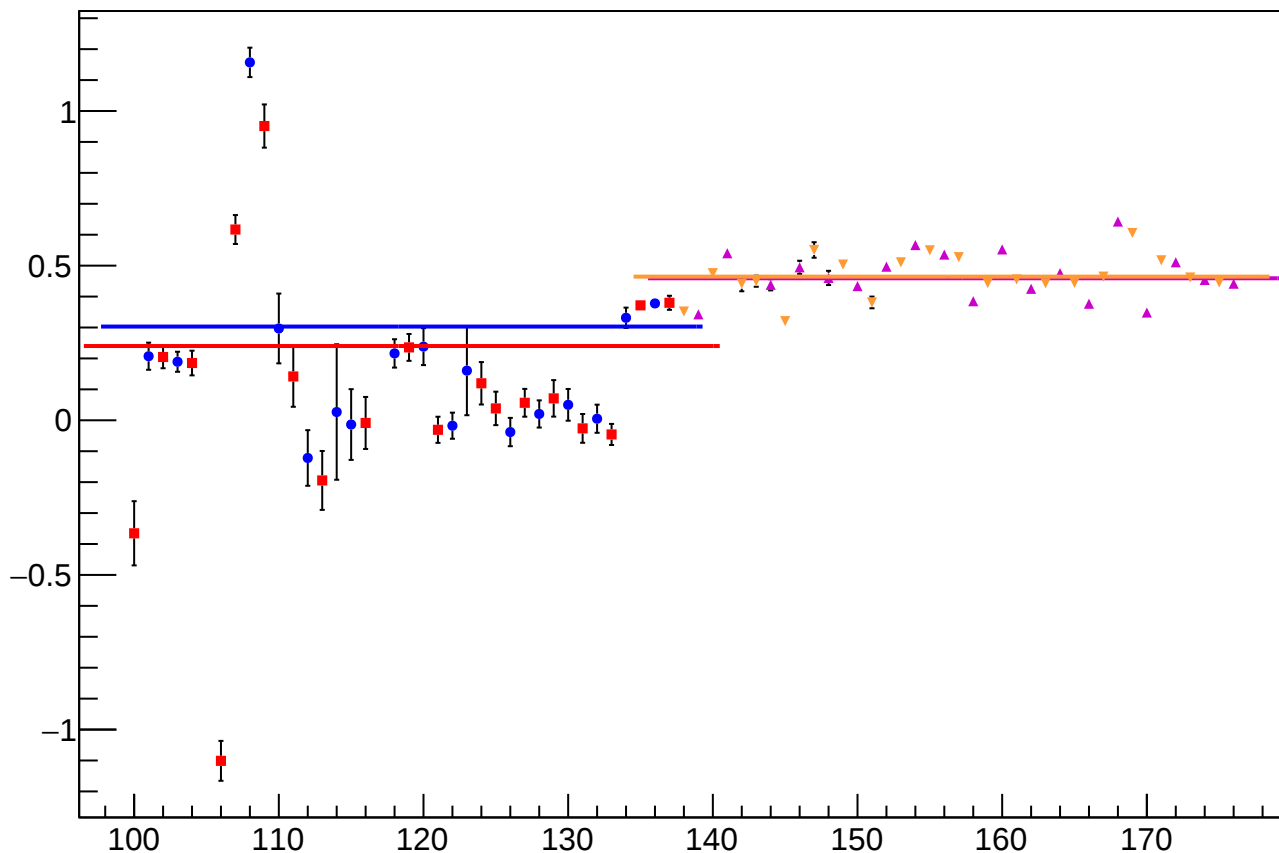
Left In: 11.212 ± 0.071 χ^2/NDF : 3173.6/18

+ sign 11.059 ± 0.064 χ^2/NDF : 5923.5/36

All: 11.071 ± 0.046 χ^2/NDF : 12944.1/74

- sign 11.083 ± 0.065 χ^2/NDF : 7020.5/37

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.3/16

Left Out: 0.465 ± 0.003 χ^2/NDF : 404.3/19

Right Out: 0.240 ± 0.009 χ^2/NDF : 984.4/18

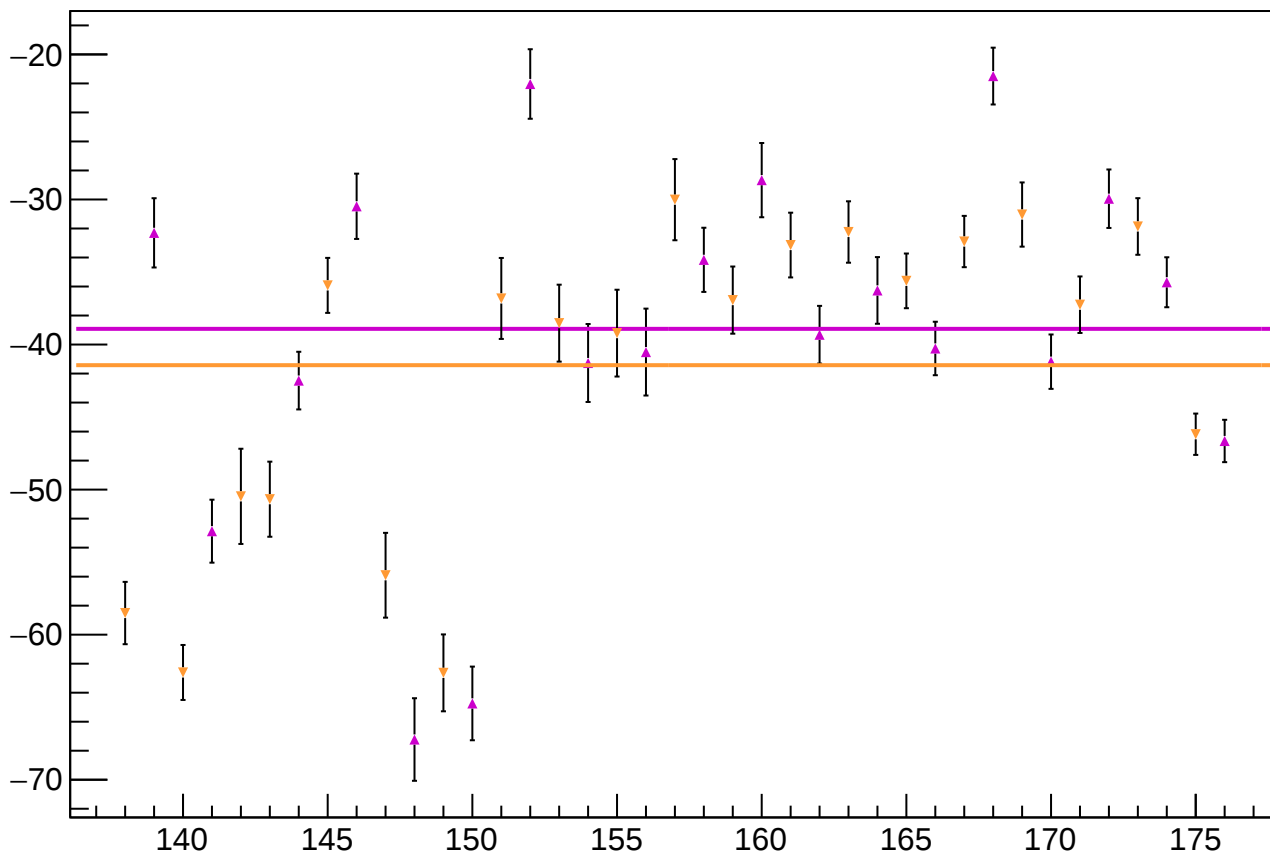
Left In: 0.459 ± 0.003 χ^2/NDF : 671.0/18

+ sign 0.444 ± 0.003 χ^2/NDF : 1387.4/36

All: 0.439 ± 0.002 χ^2/NDF : 3631.9/74

- sign 0.434 ± 0.003 χ^2/NDF : 2238.4/37

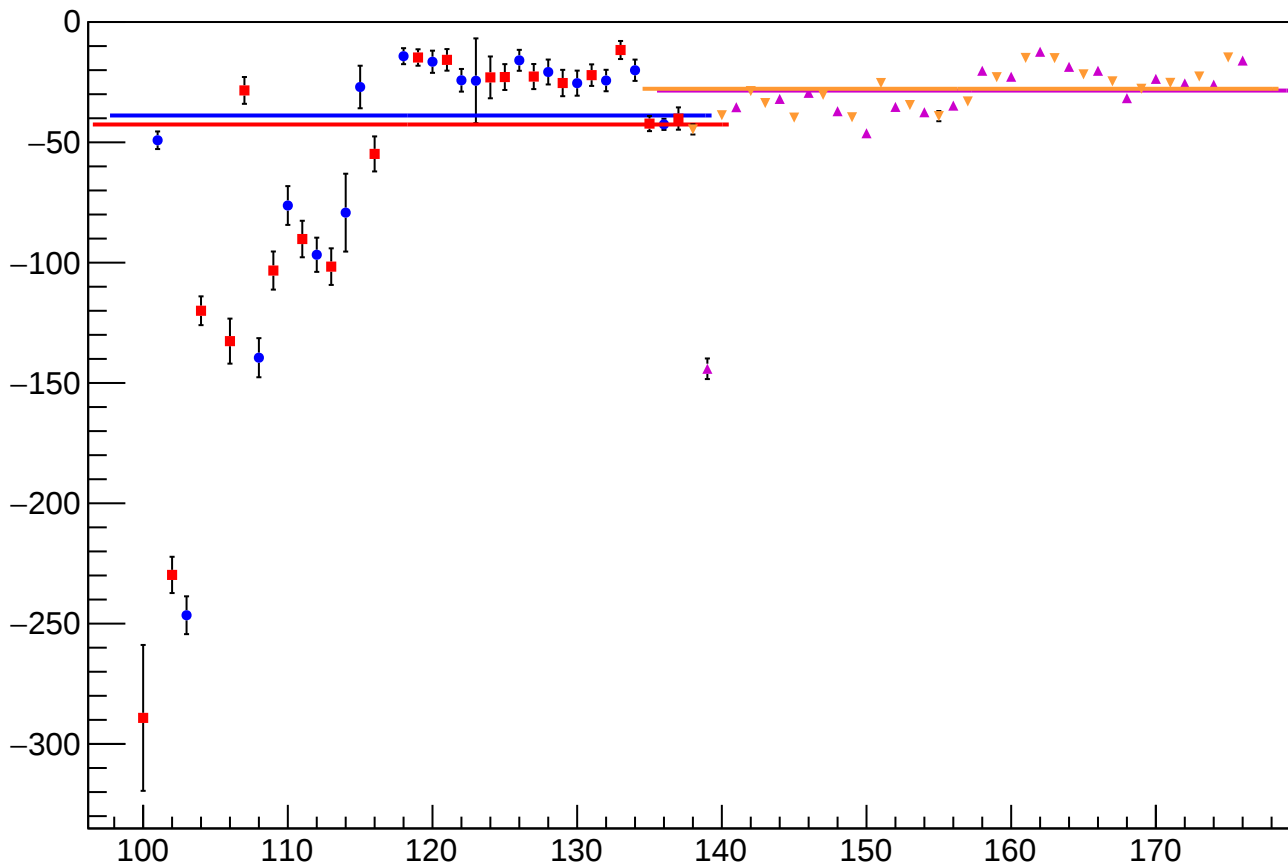
reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.423+/-0.487 χ^2/NDF : 457.4/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.918+/-0.486 χ^2/NDF : 473.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -40.168+/-0.344 χ^2/NDF : 944.6/38
 - 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: -27.745 ± 0.365 χ^2/NDF : 553.6/19

Right Out: -42.586 ± 1.210 χ^2/NDF : 1345.7/18

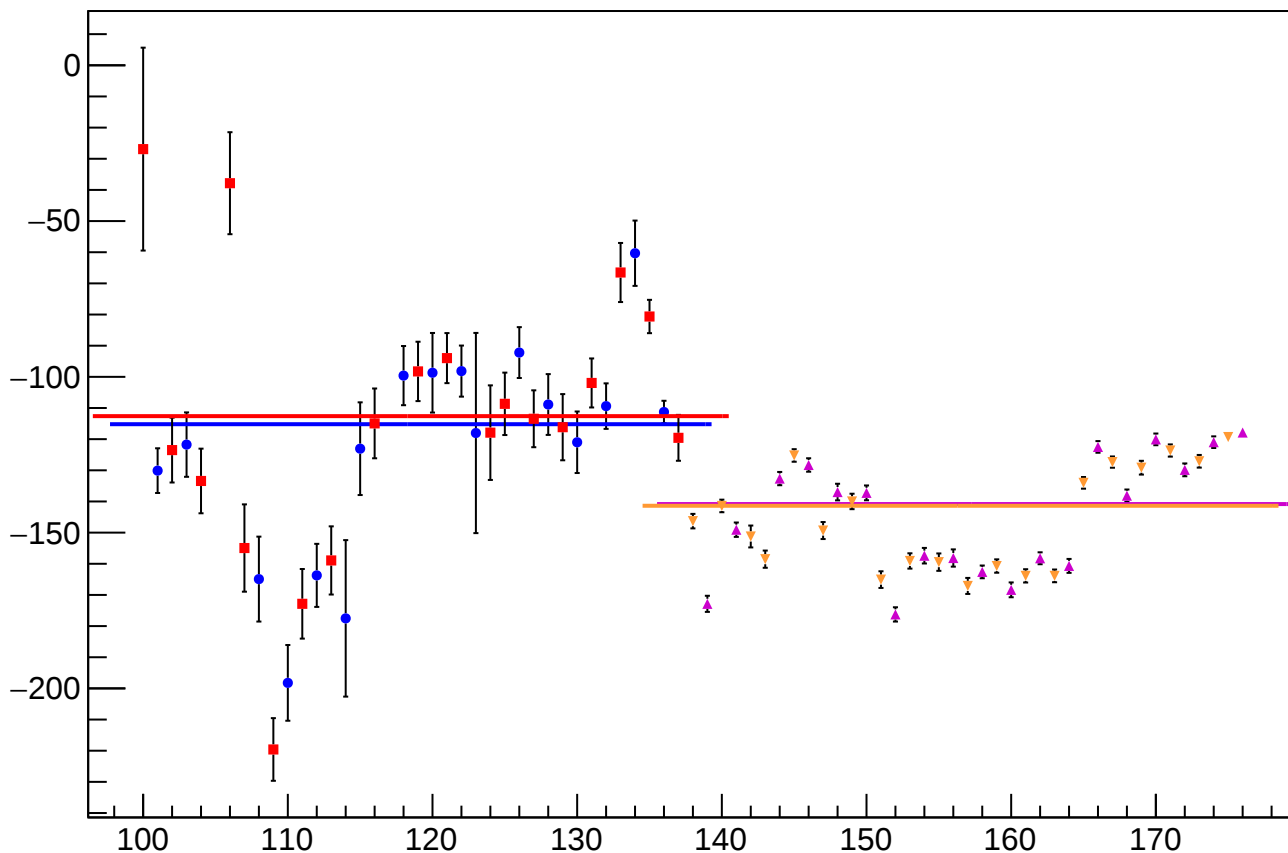
Left In: -28.488 ± 0.370 χ^2/NDF : 1251.2/18

+ sign -28.766 ± 0.348 χ^2/NDF : 1760.4/36

All: -29.223 ± 0.248 χ^2/NDF : 4484.9/74

- sign -29.696 ± 0.354 χ^2/NDF : 2721.0/37

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.199 ± 2.081 $\chi^2/\text{NDF}: 140.8/16$

Left Out: -141.378 ± 0.486 $\chi^2/\text{NDF}: 1187.5/19$

Right Out: -112.611 ± 2.209 $\chi^2/\text{NDF}: 272.4/18$

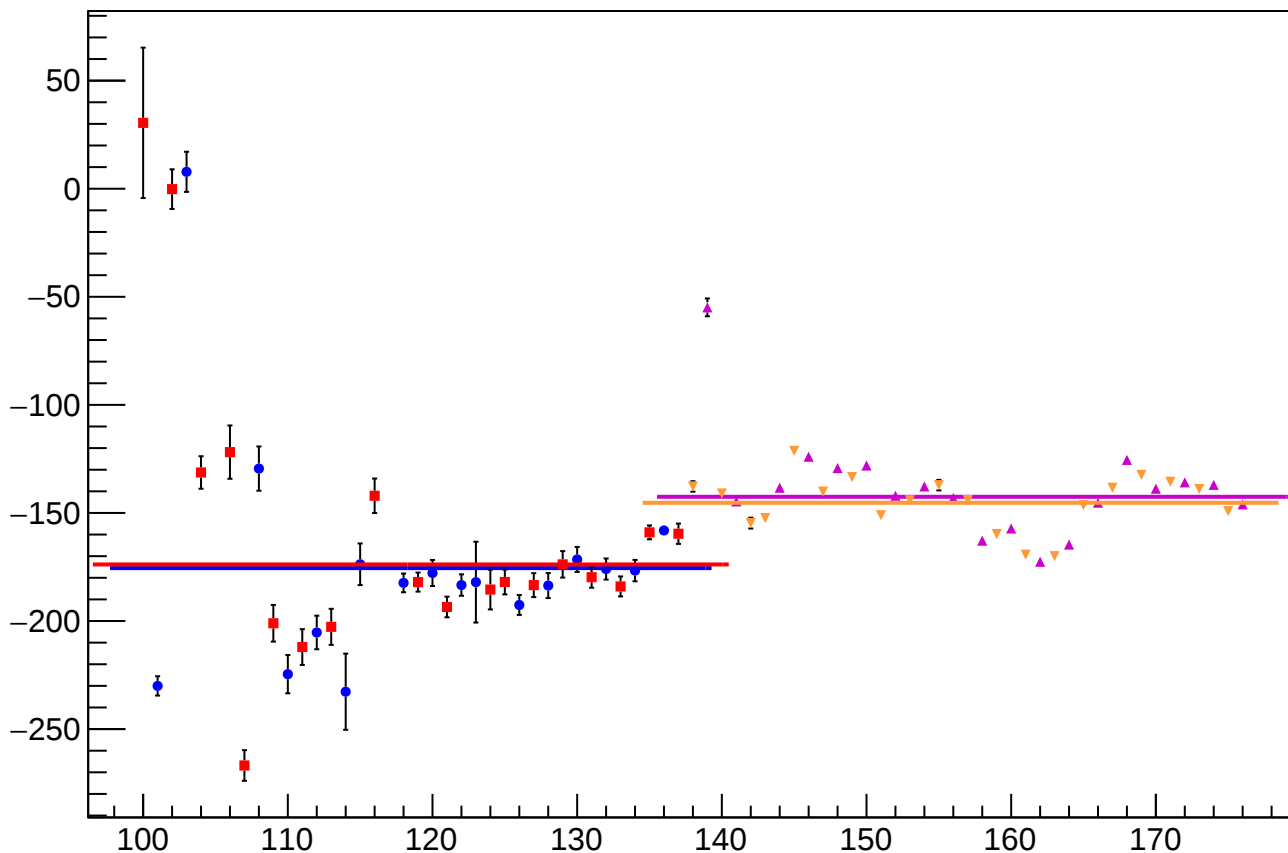
Left In: -140.834 ± 0.483 $\chi^2/\text{NDF}: 1563.0/18$

+ sign -140.026 ± 0.473 $\chi^2/\text{NDF}: 1478.2/36$

All: -139.785 ± 0.334 $\chi^2/\text{NDF}: 3469.9/74$

- sign -139.546 ± 0.472 $\chi^2/\text{NDF}: 1991.1/37$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.521 ± 1.277 $\chi^2/\text{NDF}: 692.3/16$

Left Out: -145.302 ± 0.415 $\chi^2/\text{NDF}: 909.1/19$

Right Out: -173.830 ± 1.357 $\chi^2/\text{NDF}: 737.9/18$

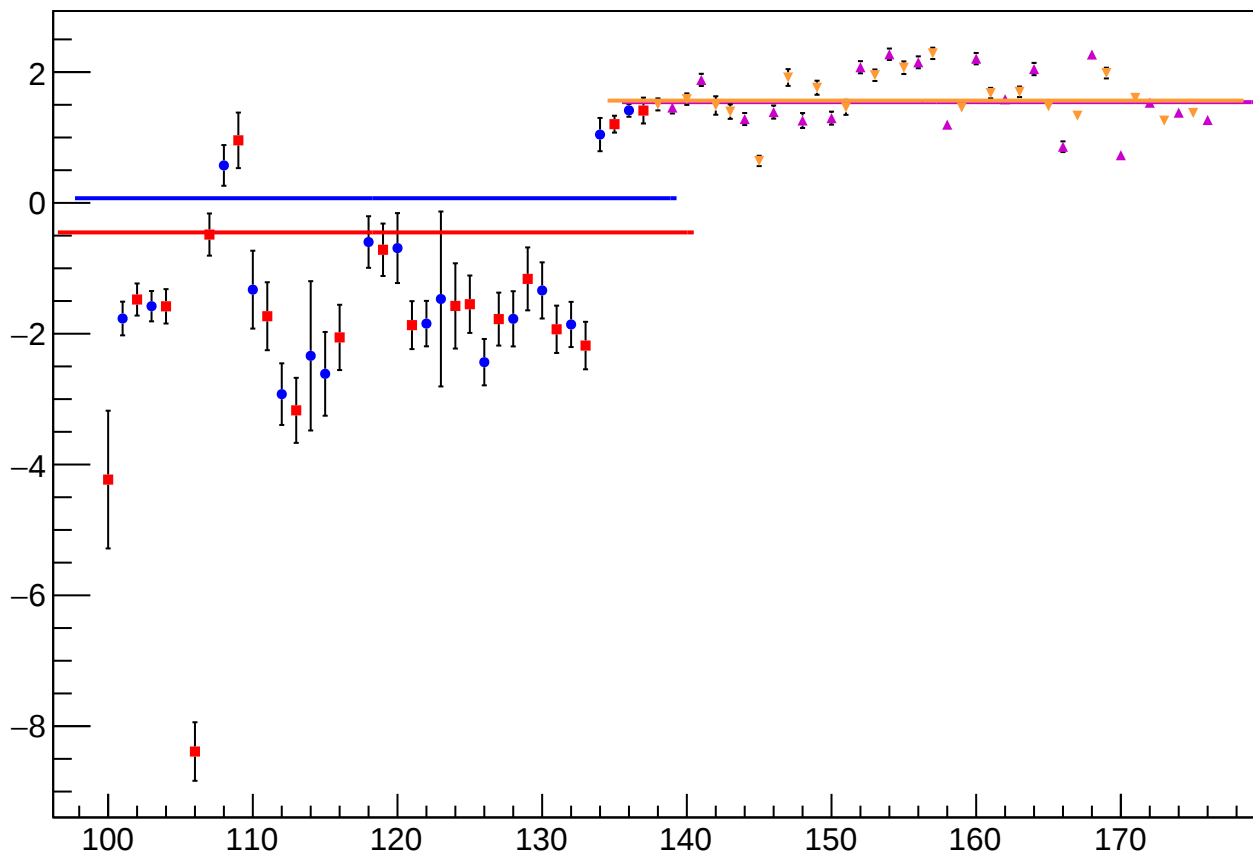
Left In: -142.525 ± 0.419 $\chi^2/\text{NDF}: 1469.7/18$

+ sign -148.183 ± 0.394 $\chi^2/\text{NDF}: 2108.0/36$

All: -146.738 ± 0.281 $\chi^2/\text{NDF}: 4829.0/74$

- sign -145.250 ± 0.400 $\chi^2/\text{NDF}: 2693.8/37$

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.072 ± 0.067 χ^2/NDF : 525.2/16

Left Out: 1.564 ± 0.019 χ^2/NDF : 336.0/19

Right Out: -0.451 ± 0.071 χ^2/NDF : 751.3/18

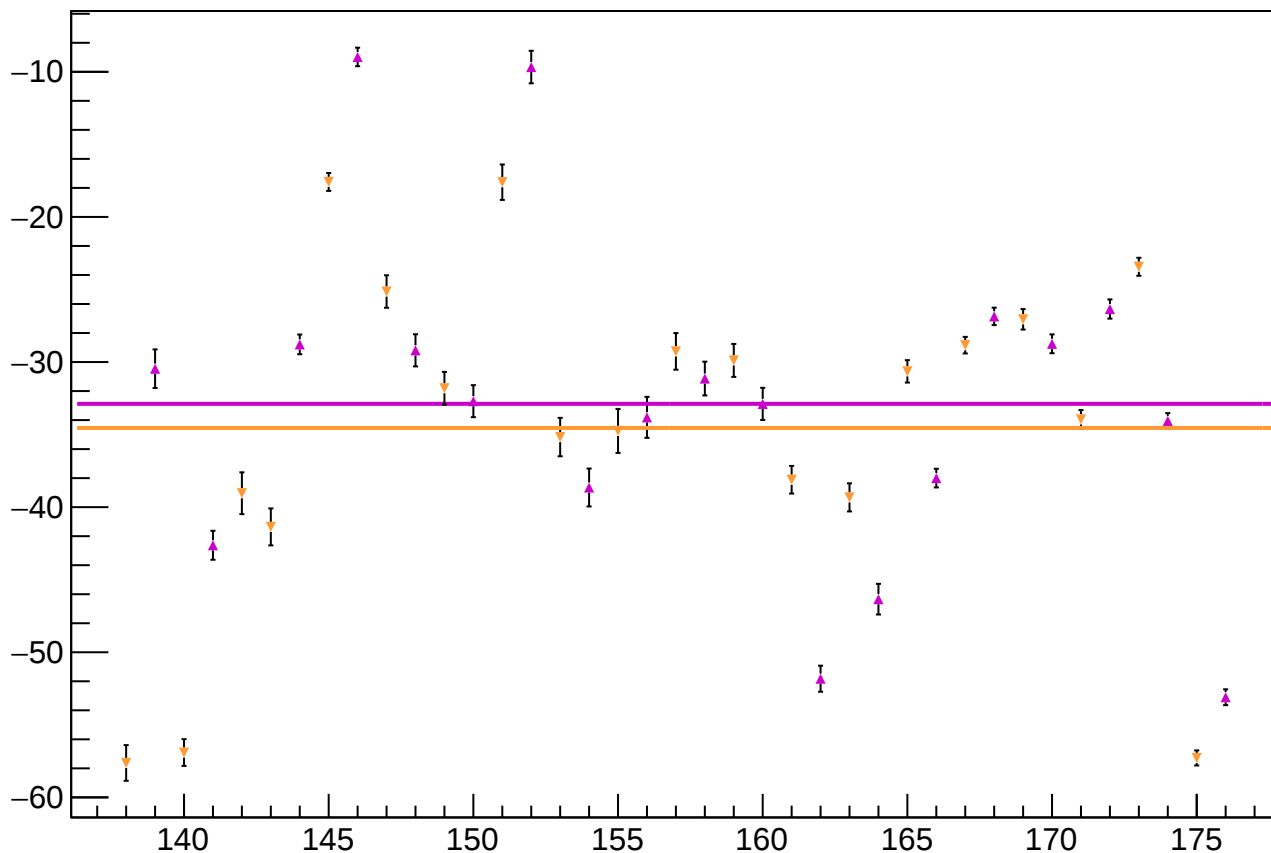
Left In: 1.540 ± 0.019 χ^2/NDF : 621.6/18

+ sign 1.451 ± 0.018 χ^2/NDF : 1317.9/36

All: 1.431 ± 0.013 χ^2/NDF : 3422.0/74

- sign 1.410 ± 0.018 χ^2/NDF : 2101.5/37

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -34.541+/-0.189 χ^2/NDF : 4553.8/19

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

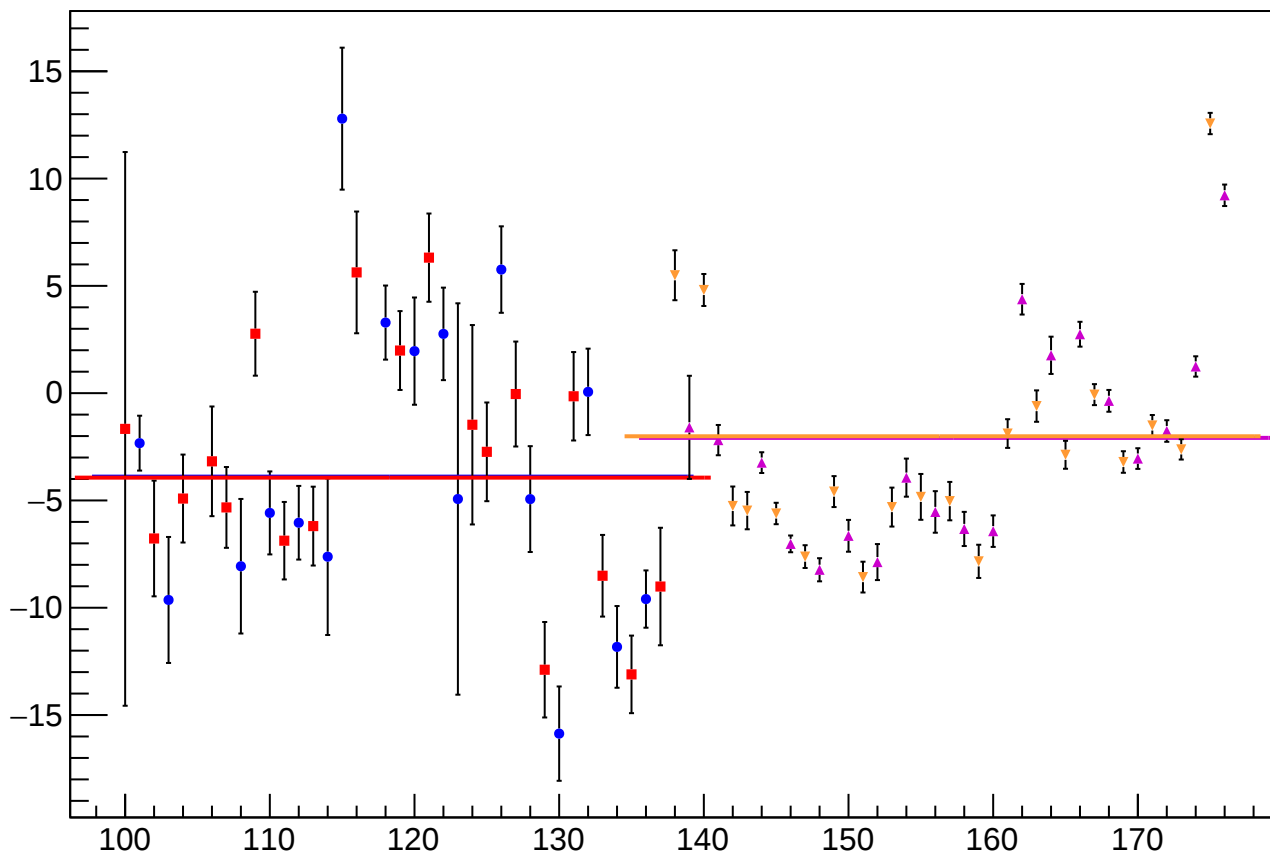
Left In: -32.880+/-0.182 χ^2/NDF : 4280.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.679+/-0.131 χ^2/NDF : 8874.0/38

- 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: -2.010 ± 0.143 χ^2/NDF : 1394.0/19

Right Out: -3.937 ± 0.507 χ^2/NDF : 122.2/18

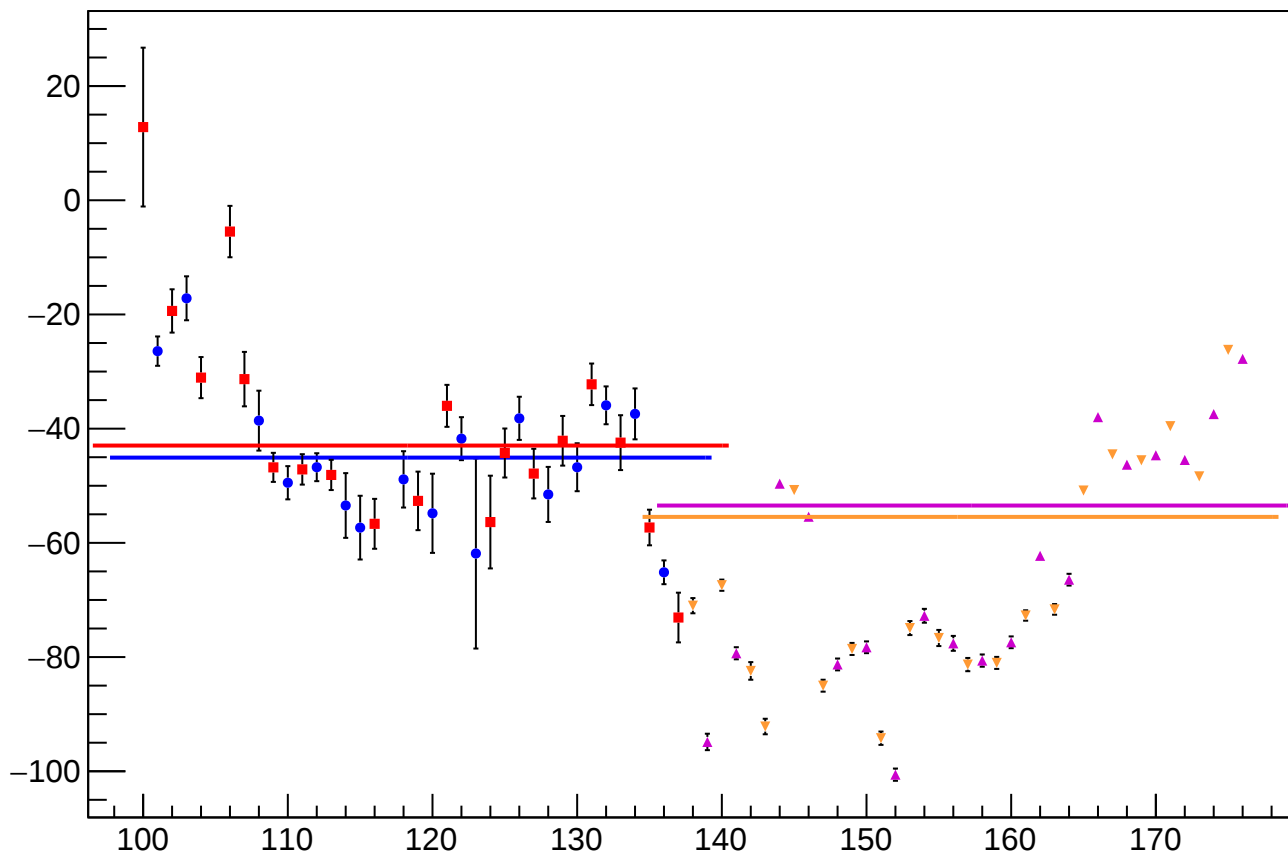
Left In: -2.084 ± 0.138 χ^2/NDF : 1208.4/18

+ sign -2.153 ± 0.138 χ^2/NDF : 1567.7/36

All: -2.183 ± 0.096 χ^2/NDF : 2910.8/74

- sign -2.212 ± 0.133 χ^2/NDF : 1343.0/37

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.070 ± 0.883 χ^2/NDF : 229.7/16

Left Out: -55.452 ± 0.190 χ^2/NDF : 10433.2/19

Right Out: -42.959 ± 0.878 χ^2/NDF : 248.3/18

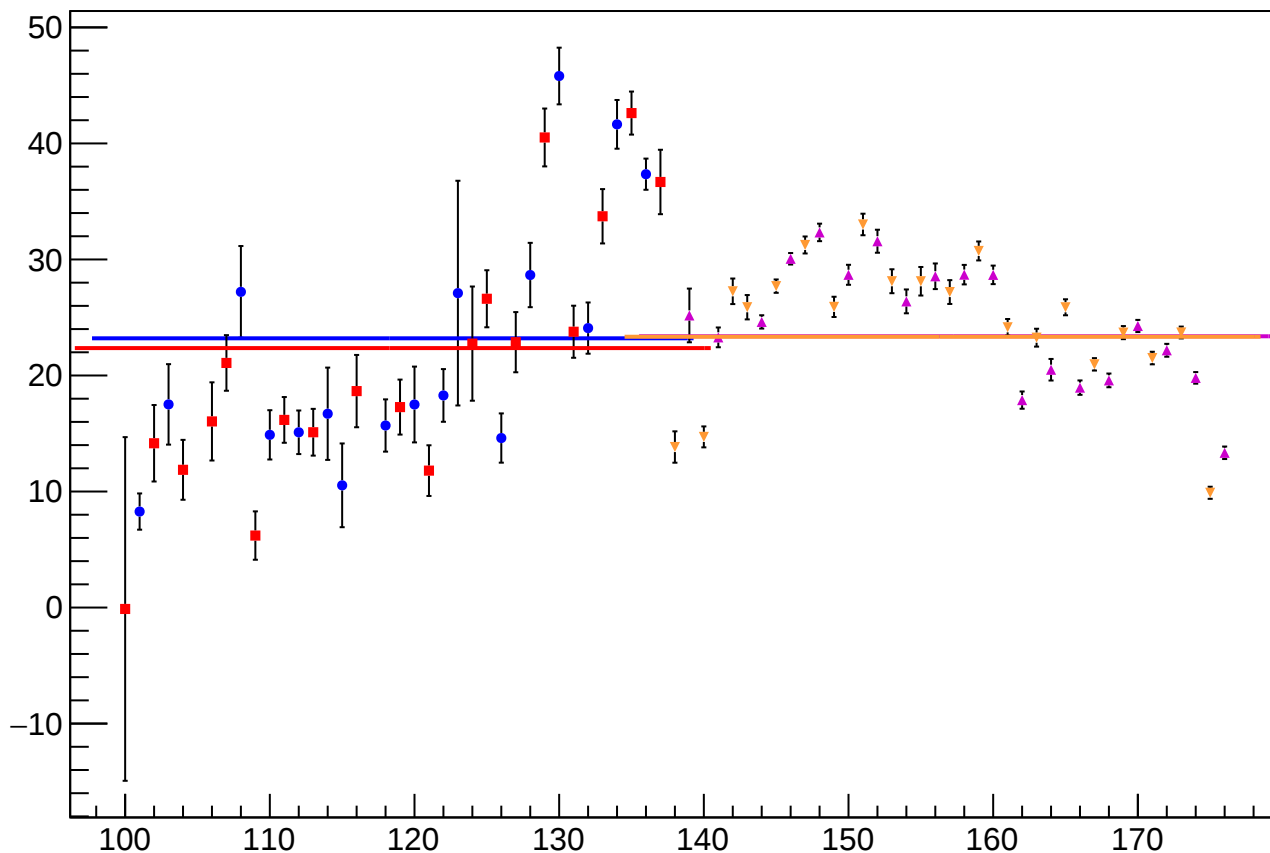
Left In: -53.465 ± 0.183 χ^2/NDF : 10745.8/18

+ sign -54.993 ± 0.186 χ^2/NDF : 10794.9/36

All: -53.974 ± 0.129 χ^2/NDF : 21984.3/74

- sign -53.028 ± 0.179 χ^2/NDF : 11131.4/37

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.205 $\pm$ 0.559 χ^2 /NDF: 457.3/16

Left Out: 23.339 $\pm$ 0.162 χ^2 /NDF:1295.2/19

Right Out: 22.361 $\pm$ 0.573 χ^2 /NDF: 366.9/18

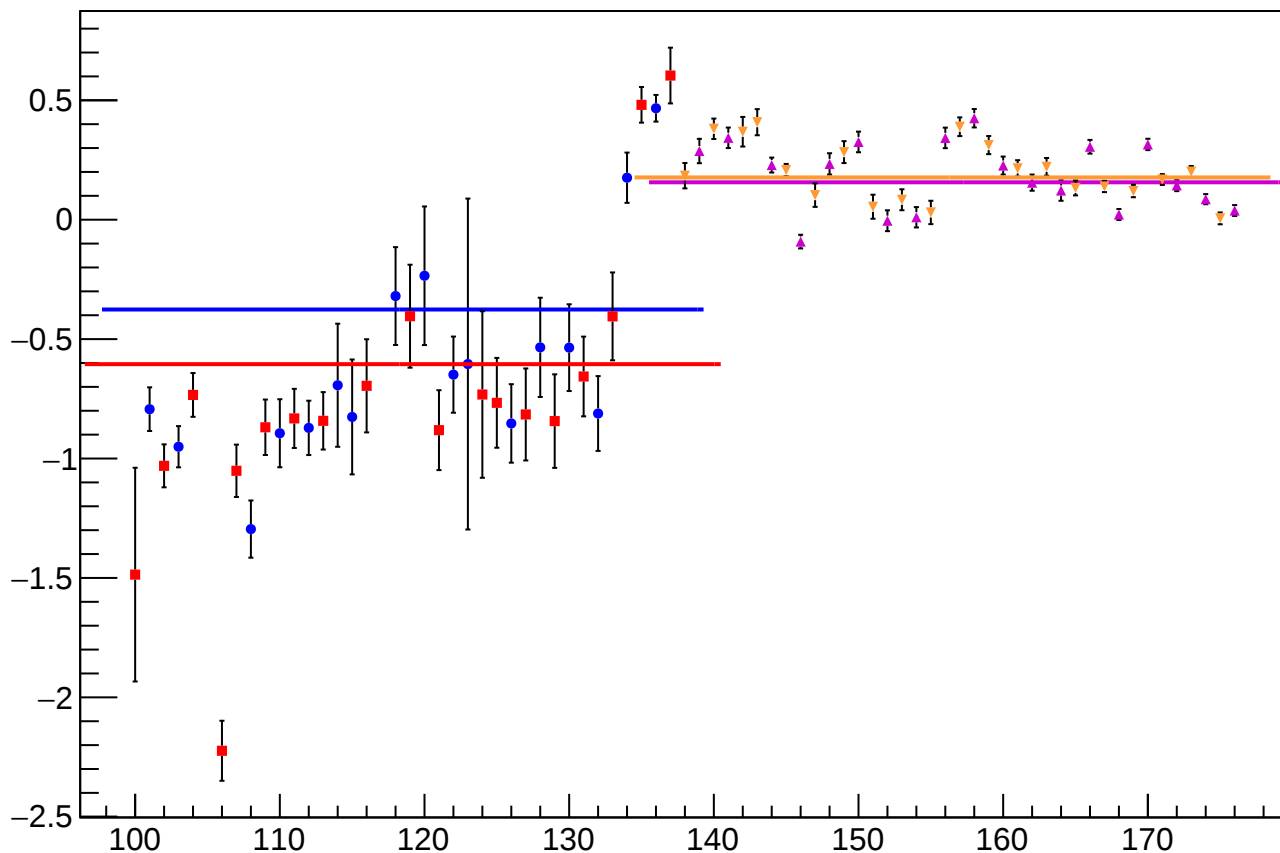
Left In: 23.380 $\pm$ 0.157 χ^2 /NDF:1112.3/18

+ sign 23.329 $\pm$ 0.155 χ^2 /NDF: 1752.5/36

All: 23.318 $\pm$ 0.109 χ^2 /NDF: 3234.6/74

- sign 23.308 $\pm$ 0.152 χ^2 /NDF: 1482.1/37

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.376 $\pm$ 0.030 χ^2/NDF : 437.3/16

Left Out: 0.177 $\pm$ 0.007 χ^2/NDF : 181.5/19

Right Out: -0.605 $\pm$ 0.030 χ^2/NDF : 551.1/18

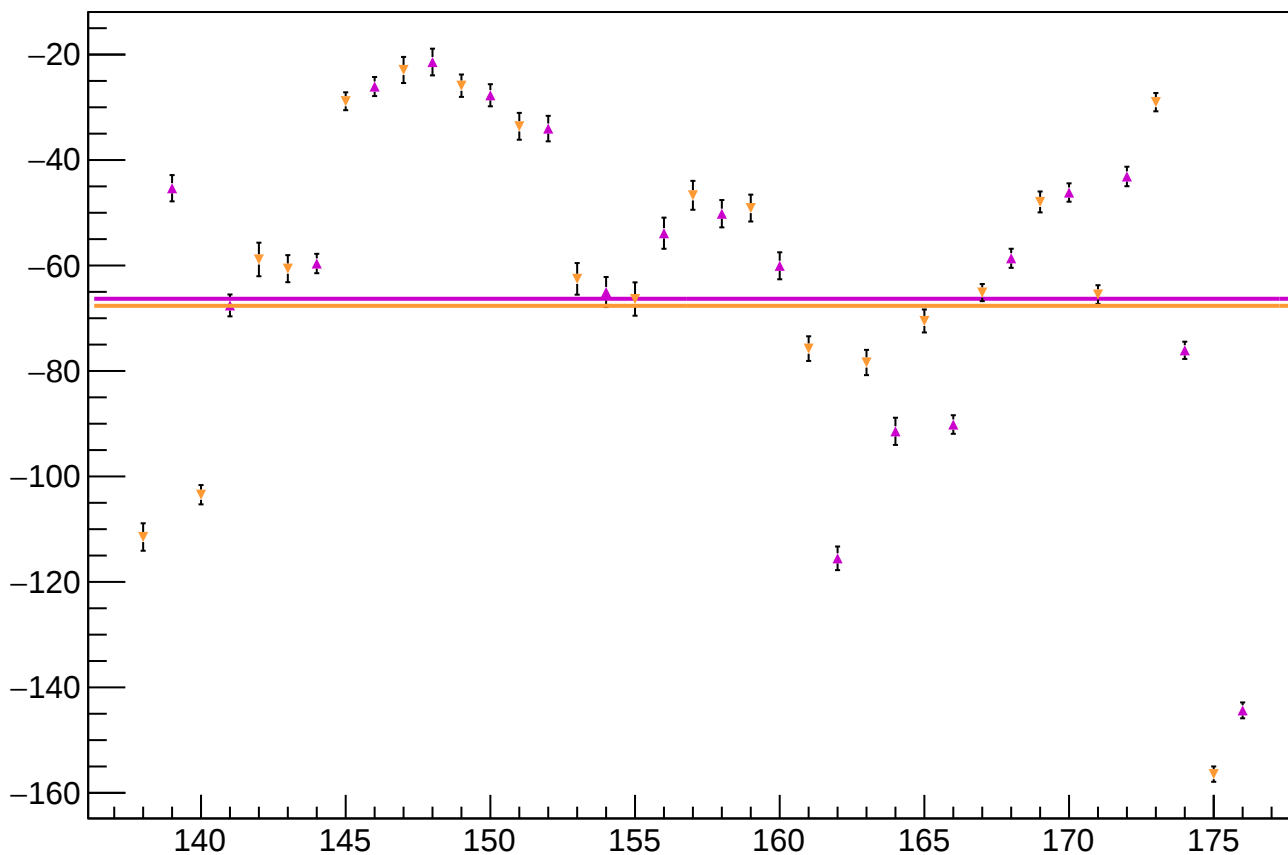
Left In: 0.157 $\pm$ 0.007 χ^2/NDF : 364.1/18

+ sign 0.145 $\pm$ 0.007 χ^2/NDF : 936.3/36

All: 0.130 $\pm$ 0.005 χ^2/NDF : 2460.6/74

- sign 0.116 $\pm$ 0.007 χ^2/NDF : 1516.0/37

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -67.642+/-0.476 χ^2/NDF : 6564.0/19

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

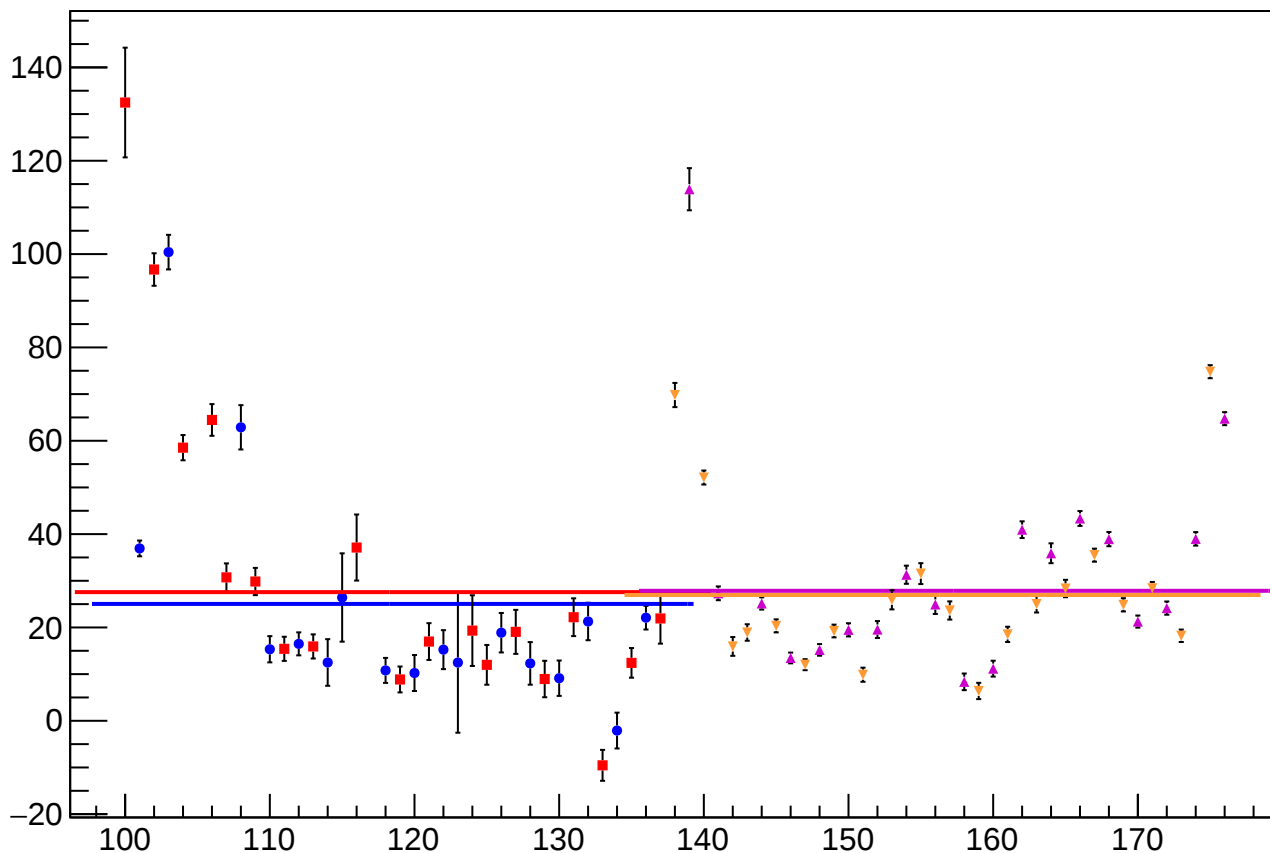
Left In: -66.309+/-0.471 χ^2/NDF : 5267.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.968+/-0.335 χ^2/NDF : 11835.9/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.045 ± 0.806 χ^2/NDF : 686.4/16

Left Out: 26.957 ± 0.354 χ^2/NDF : 2374.8/19

Right Out: 27.573 ± 0.810 χ^2/NDF : 1012.8/18

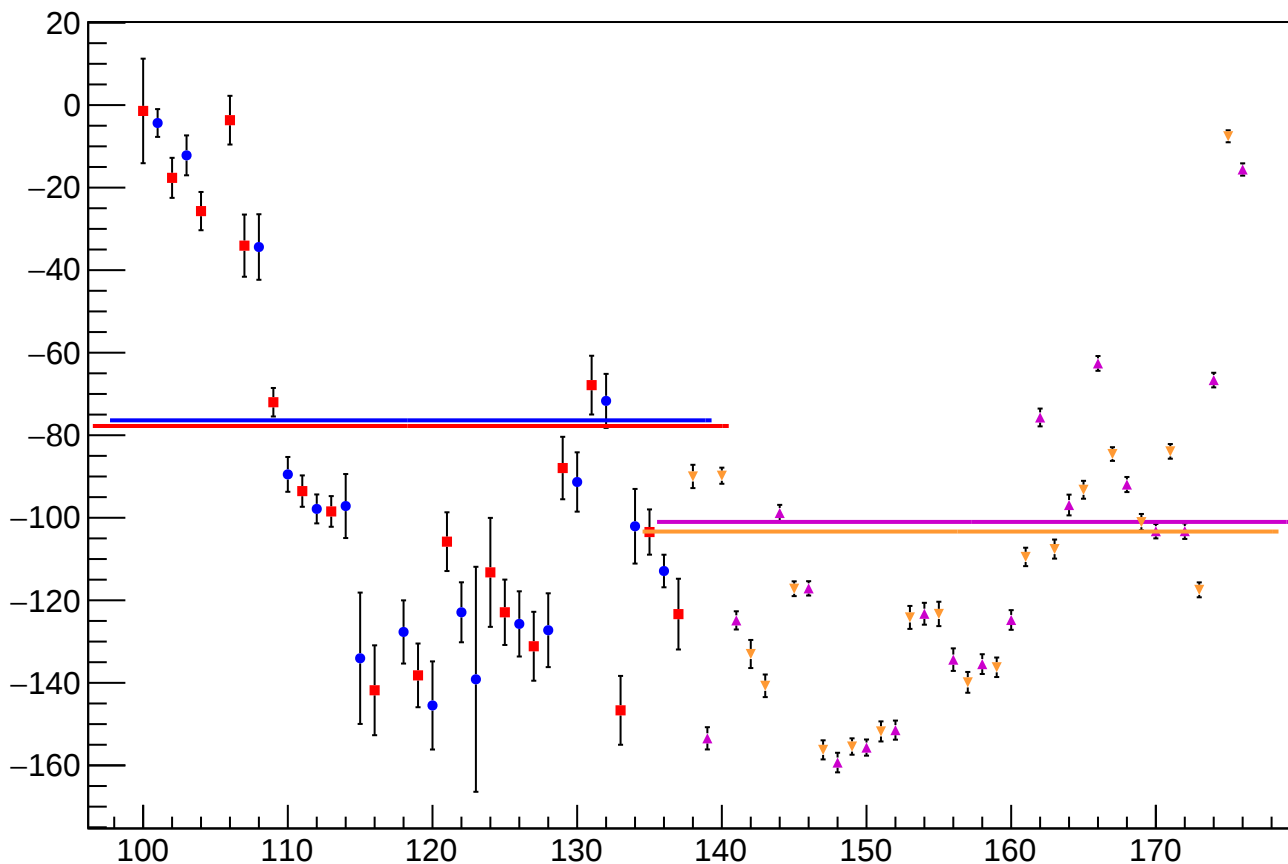
Left In: 27.855 ± 0.356 χ^2/NDF : 1904.4/18

+ sign 26.648 ± 0.324 χ^2/NDF : 3065.9/36

All: 27.225 ± 0.230 χ^2/NDF : 5989.6/74

- sign 27.809 ± 0.326 χ^2/NDF : 2917.3/37

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.392 ± 1.416 χ^2/NDF : 1031.9/16

Left Out: -103.340 ± 0.476 χ^2/NDF : 7174.8/19

Right Out: -77.761 ± 1.353 χ^2/NDF : 872.7/18

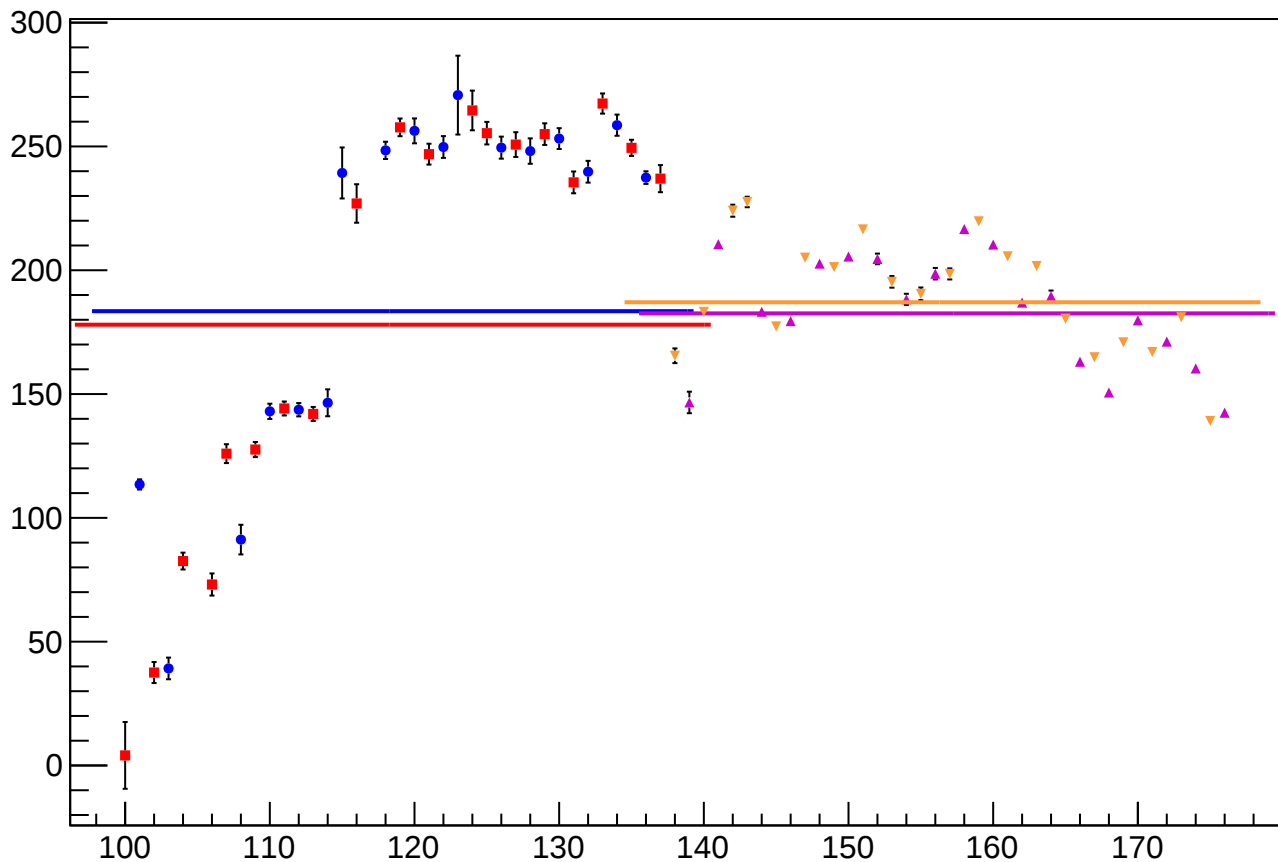
Left In: -101.006 ± 0.469 χ^2/NDF : 7252.2/18

+ sign -100.608 ± 0.451 χ^2/NDF : 8532.1/36

All: -99.541 ± 0.316 χ^2/NDF : 16931.5/74

- sign -98.510 ± 0.443 χ^2/NDF : 8388.4/37

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.478 $\pm$ 0.919 χ^2 /NDF: 5331.4/16

Left Out: 187.083 $\pm$ 0.404 χ^2 /NDF: 3232.2/19

Right Out: 178.011 $\pm$ 0.924 χ^2 /NDF: 6345.7/18

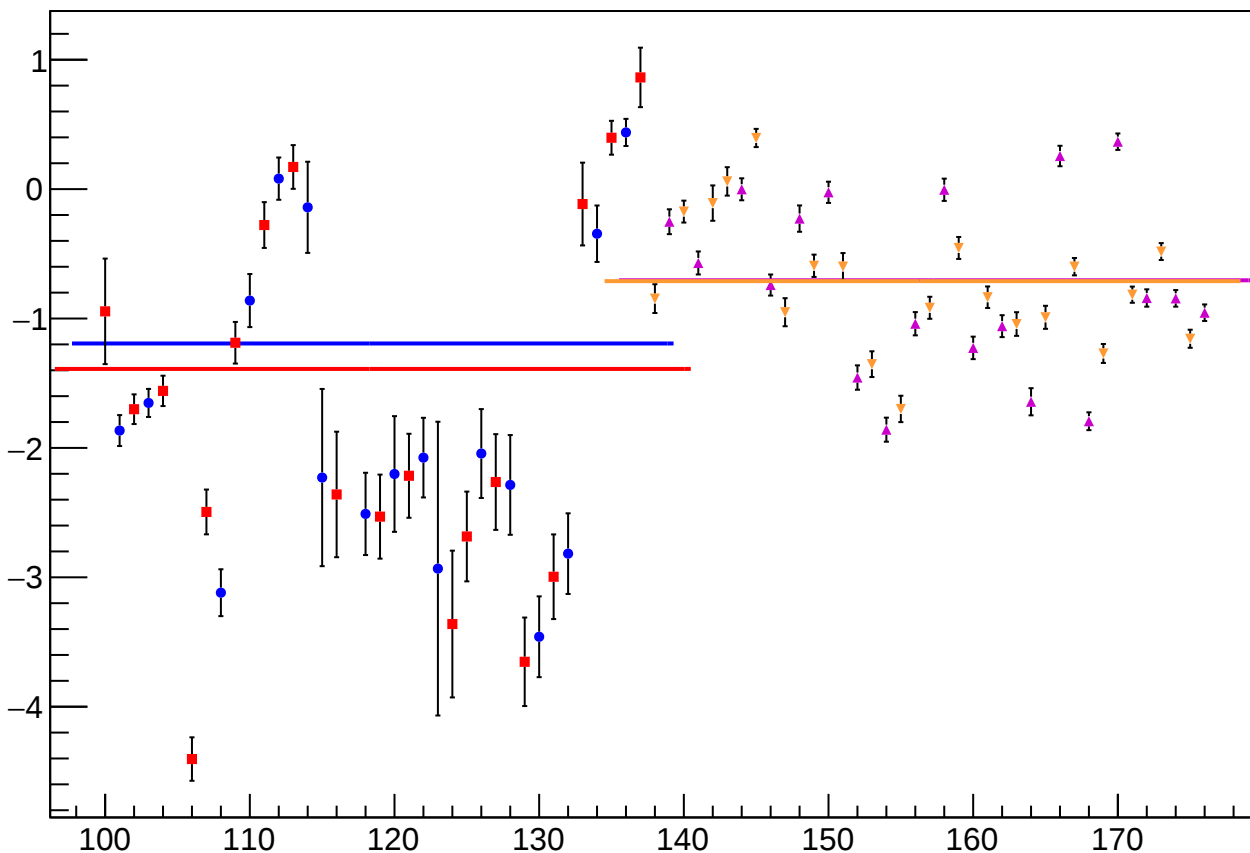
Left In: 182.584 $\pm$ 0.405 χ^2 /NDF: 2815.9/18

+ sign 186.498 $\pm$ 0.370 χ^2 /NDF: 8576.5/36

All: 184.180 $\pm$ 0.262 χ^2 /NDF: 17837.5/74

- sign 181.846 $\pm$ 0.371 χ^2 /NDF: 9182.2/37

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.193 ± 0.048 χ^2/NDF : 621.7/16

Left Out: -0.711 ± 0.019 χ^2/NDF : 658.3/19

Right Out: -1.390 ± 0.046 χ^2/NDF : 920.6/18

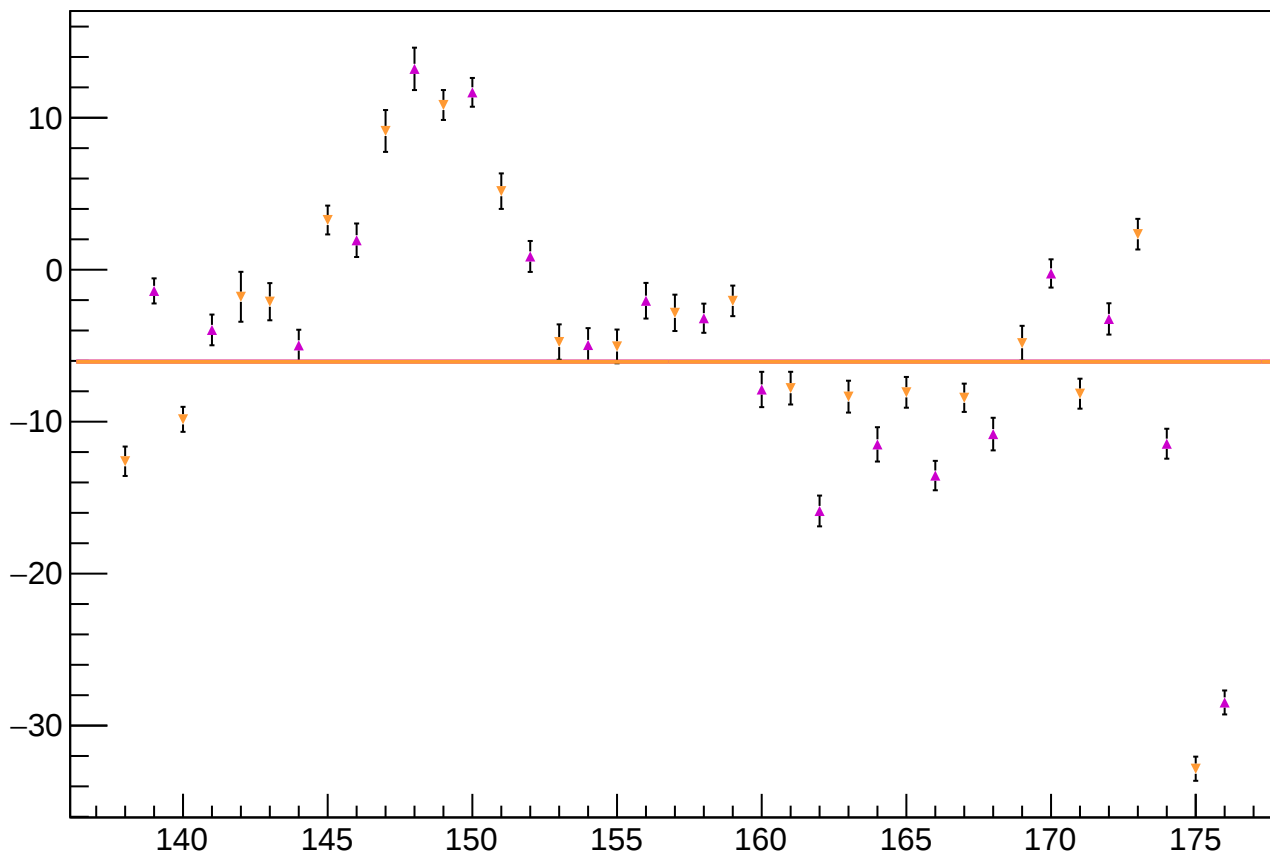
Left In: -0.705 ± 0.018 χ^2/NDF : 1321.7/18

+ sign -0.775 ± 0.017 χ^2/NDF : 1366.9/36

All: -0.788 ± 0.012 χ^2/NDF : 3802.5/74

- sign -0.800 ± 0.017 χ^2/NDF : 2434.6/37

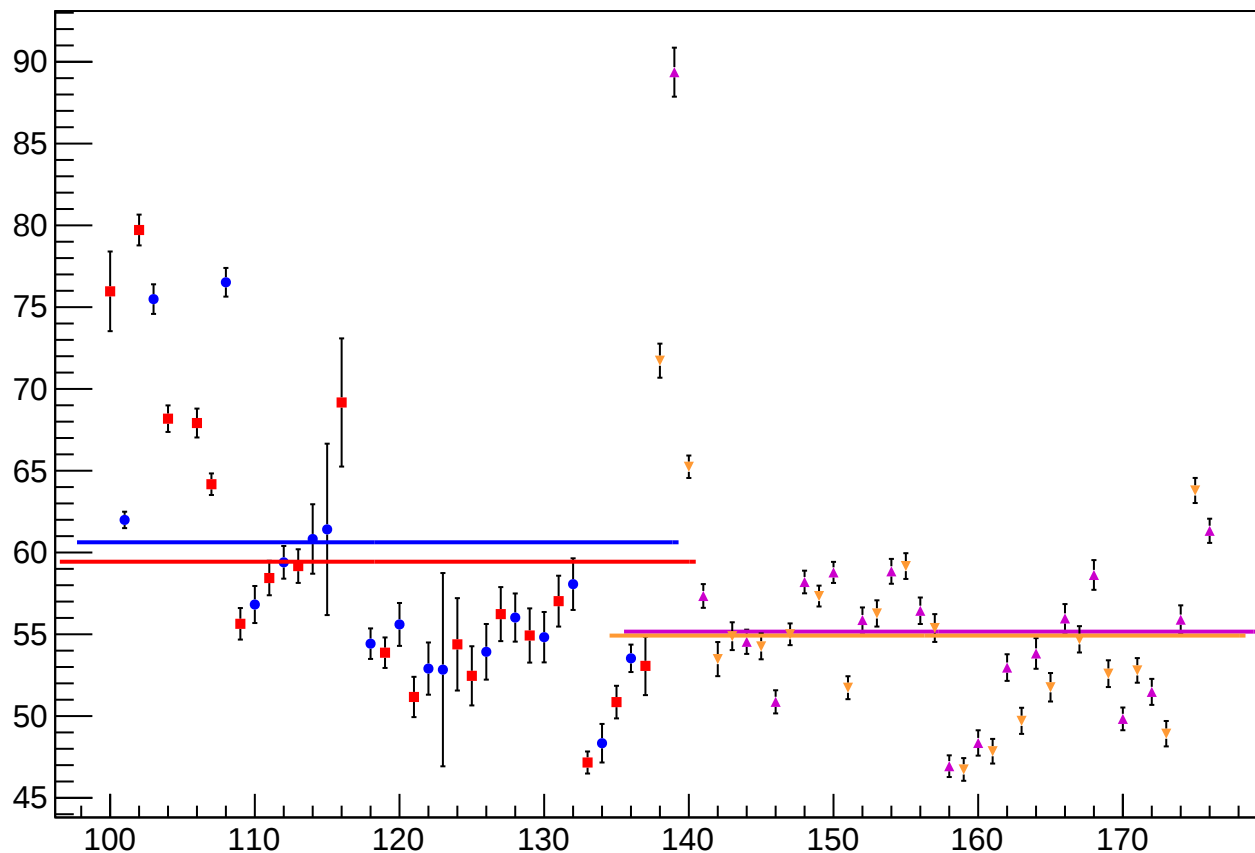
reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.057 $\pm$ 0.233 χ^2 /NDF:1942.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.043 $\pm$ 0.232 χ^2 /NDF:1782.2/18

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.050 $\pm$ 0.164 χ^2 /NDF: 3725.0/38
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.625 $\pm$ 0.263 χ^2 /NDF: 924.6/16

Left Out: 54.920 $\pm$ 0.174 χ^2 /NDF:1049.0/19

Right Out: 59.438 $\pm$ 0.248 χ^2 /NDF: 1323.4/18

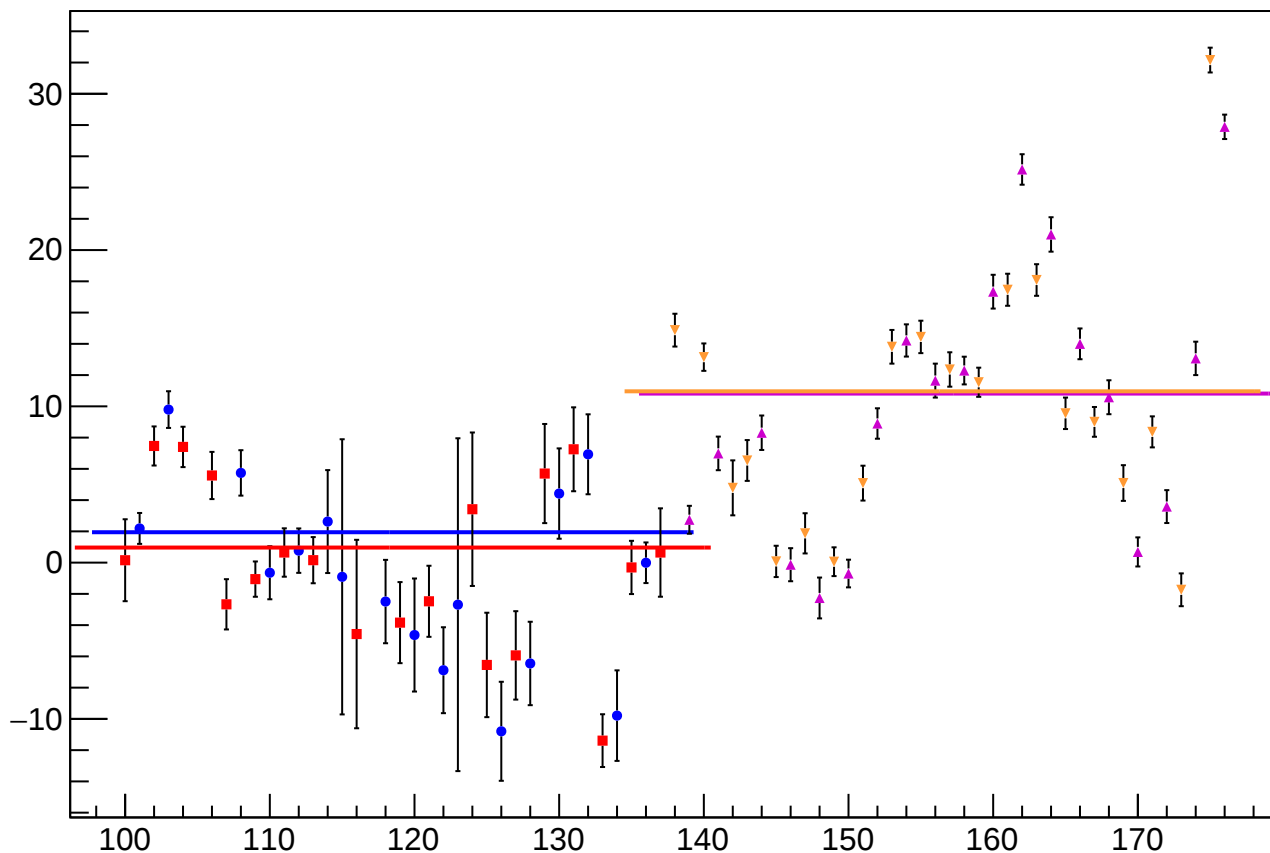
Left In: 55.162 $\pm$ 0.178 χ^2 /NDF:1051.7/18

+ sign 56.653 $\pm$ 0.145 χ^2 /NDF: 2301.1/36

All: 56.636 $\pm$ 0.102 χ^2 /NDF: 4872.5/74

- sign 56.619 $\pm$ 0.145 χ^2 /NDF: 2571.3/37

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.945 ± 0.459 χ^2/NDF : 120.6/16

Left Out: 10.962 ± 0.231 χ^2/NDF : 1389.1/19

Right Out: 0.964 ± 0.424 χ^2/NDF : 149.5/18

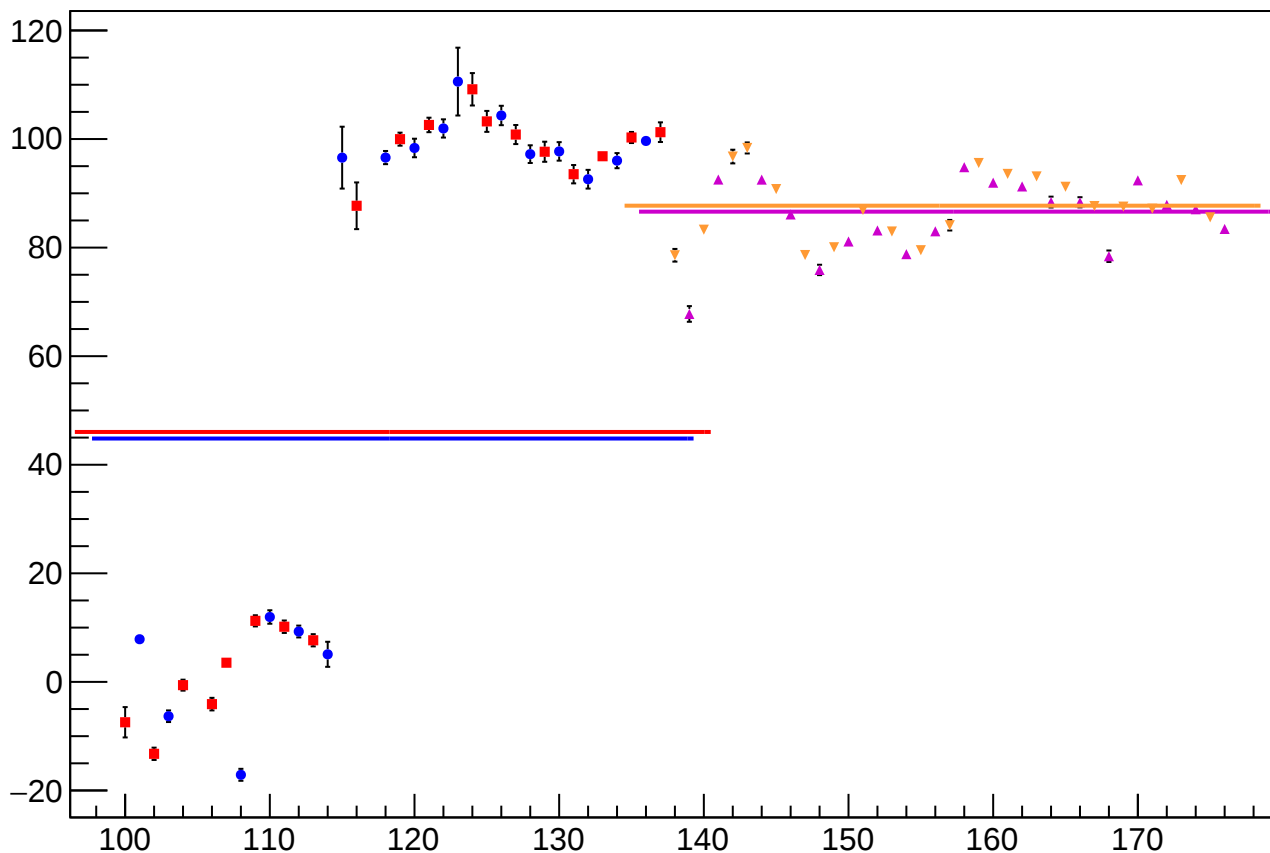
Left In: 10.817 ± 0.229 χ^2/NDF : 1490.0/18

+ sign 9.140 ± 0.206 χ^2/NDF : 1817.9/36

All: 8.858 ± 0.144 χ^2/NDF : 3878.2/74

- sign 8.588 ± 0.202 χ^2/NDF : 2056.6/37

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.829 $\pm$ 0.305 χ^2 /NDF: 24763.1/16

Left Out: 87.723 $\pm$ 0.198 χ^2 /NDF: 851.1/19

Right Out: 46.040 $\pm$ 0.289 χ^2 /NDF: 28263.4/18

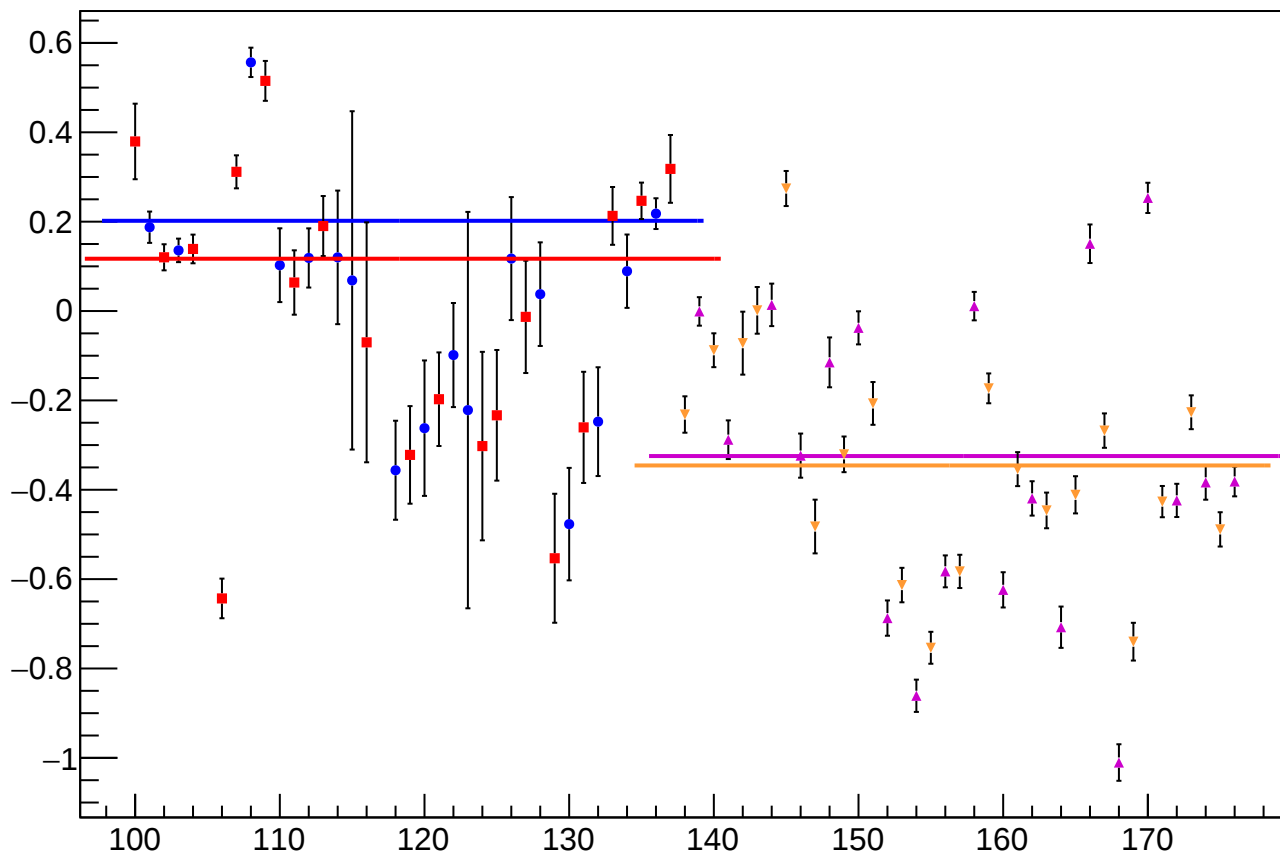
Left In: 86.621 $\pm$ 0.201 χ^2 /NDF: 904.7/18

+ sign 75.020 $\pm$ 0.166 χ^2 /NDF: 39566.6/36

All: 74.216 $\pm$ 0.117 χ^2 /NDF: 82041.2/74

- sign 73.419 $\pm$ 0.165 χ^2 /NDF: 42427.8/37

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.014 χ^2/NDF : 216.0/16

Left Out: -0.346 ± 0.009 χ^2/NDF : 752.0/19

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.6/18

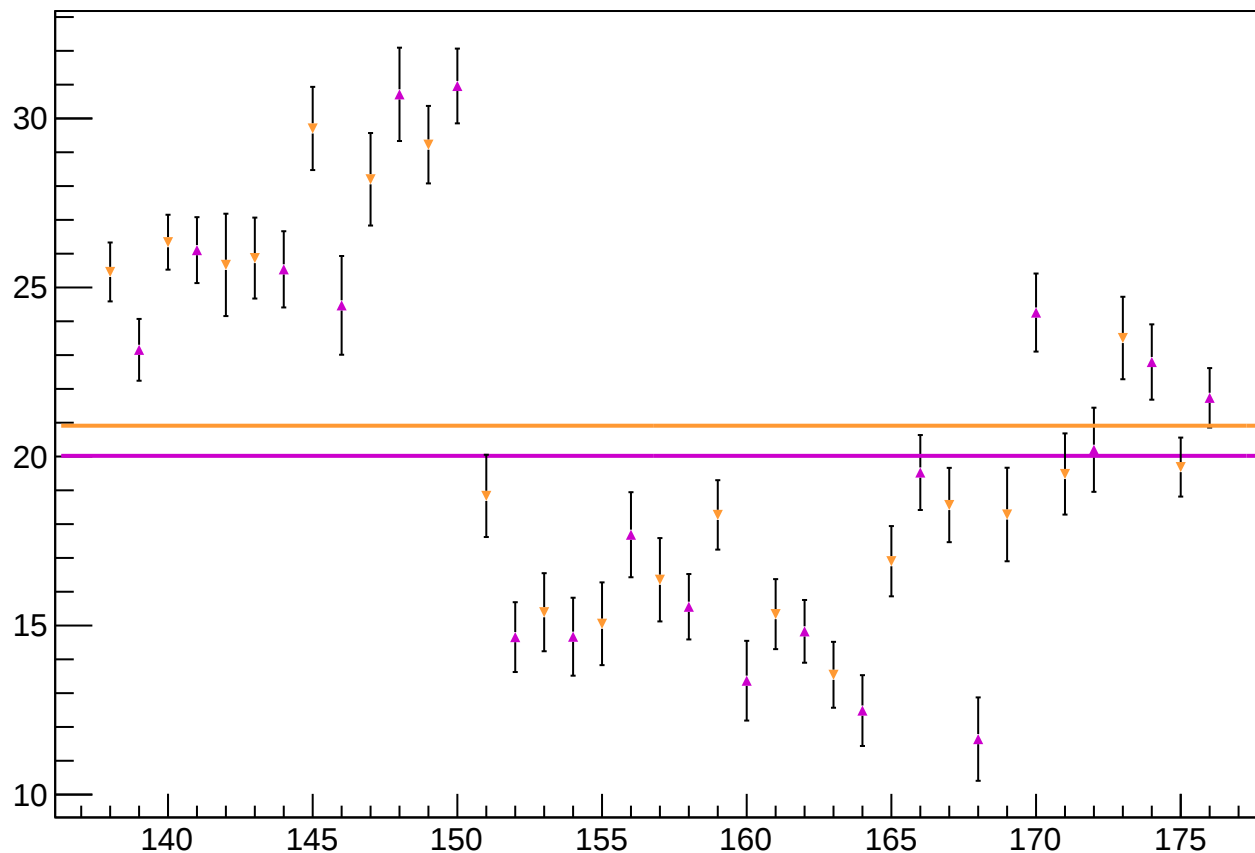
Left In: -0.325 ± 0.009 χ^2/NDF : 1535.8/18

+ sign -0.185 ± 0.008 χ^2/NDF : 2042.4/36

All: -0.185 ± 0.005 χ^2/NDF : 4862.2/74

- sign -0.185 ± 0.007 χ^2/NDF : 2819.8/37

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 20.912+/-0.246 χ^2/NDF : 417.0/19

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

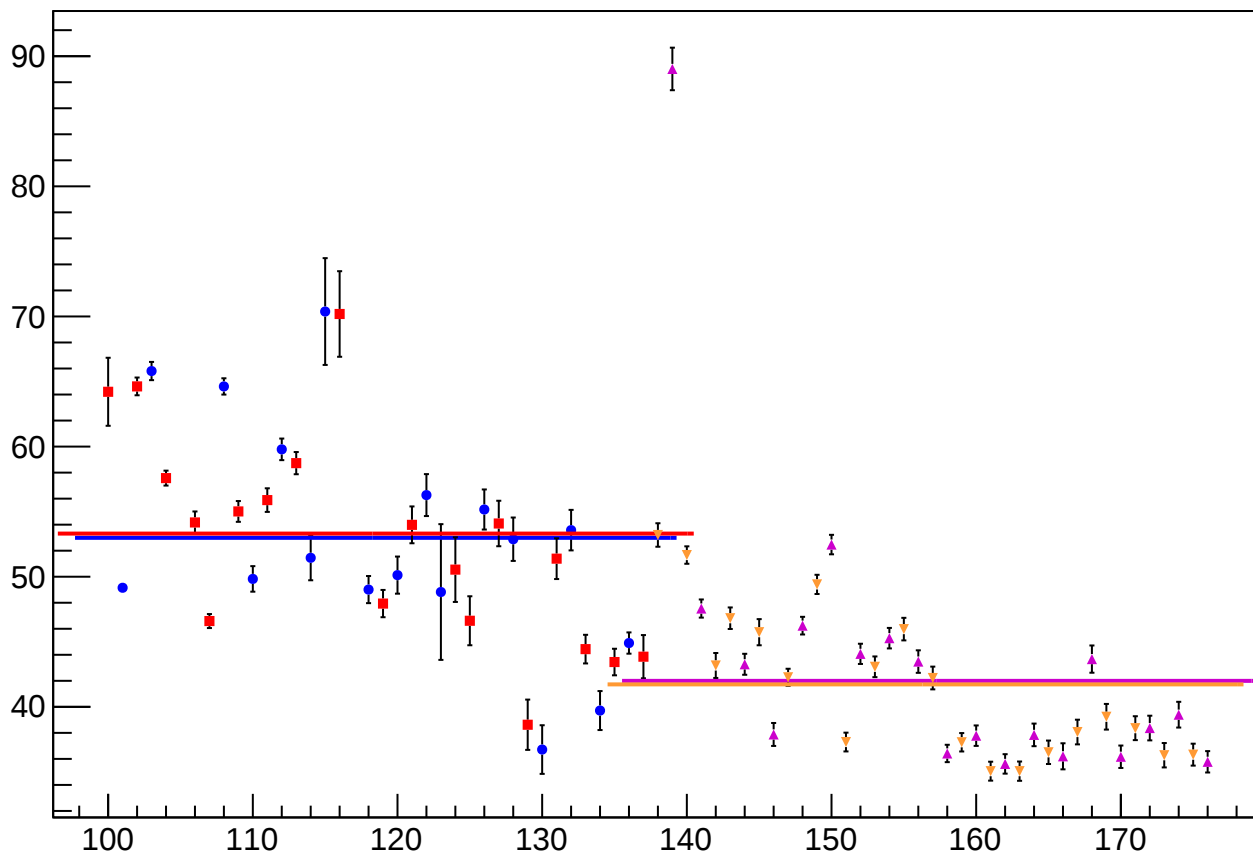
Left In: 20.020+/-0.250 χ^2/NDF : 499.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.474+/-0.175 χ^2/NDF : 923.3/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.989 ± 0.211 χ^2/NDF : 1198.0/16

Left Out: 41.726 ± 0.182 χ^2/NDF : 959.2/19

Right Out: 53.315 ± 0.227 χ^2/NDF : 875.6/18

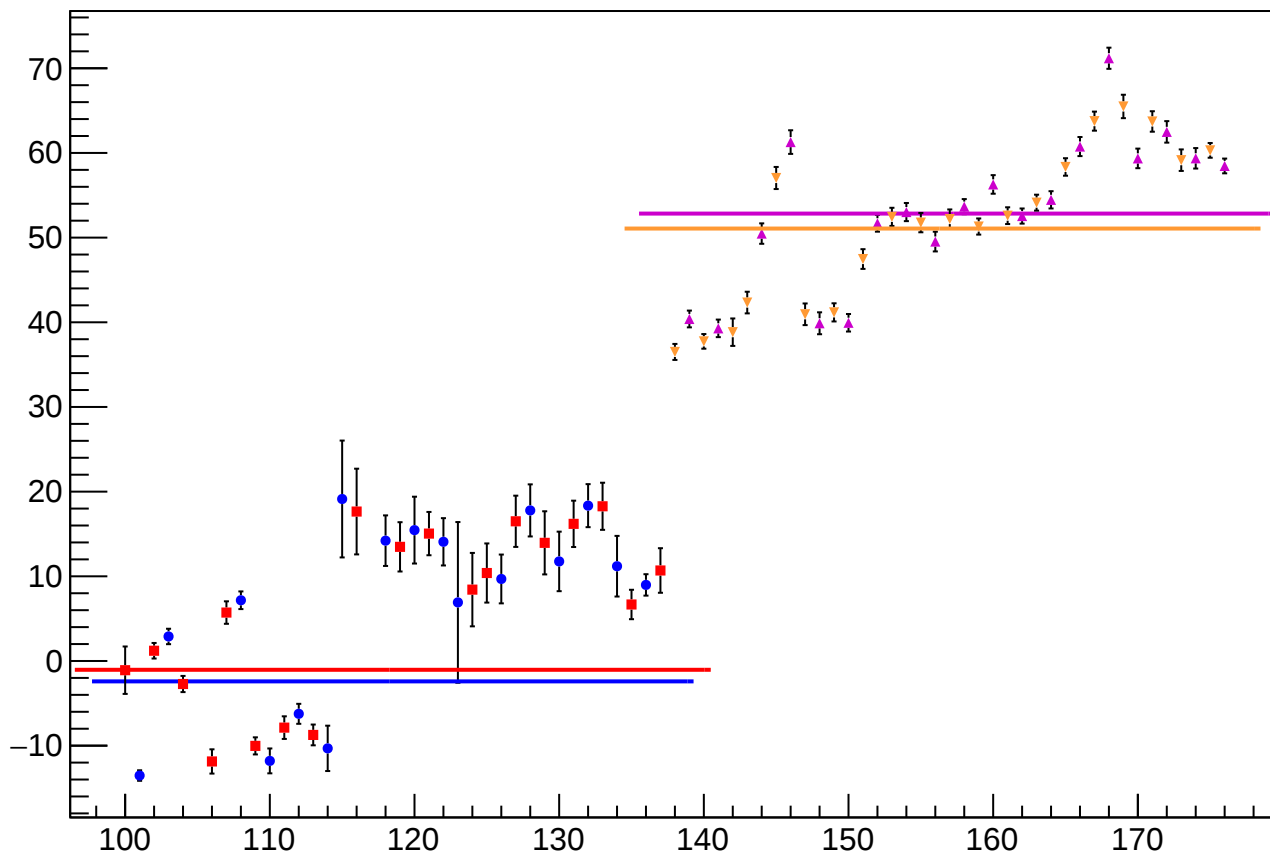
Left In: 41.997 ± 0.190 χ^2/NDF : 1532.9/18

+ sign 46.541 ± 0.138 χ^2/NDF : 3790.3/36

All: 46.601 ± 0.100 χ^2/NDF : 7662.4/74

- sign 46.669 ± 0.146 χ^2/NDF : 3871.7/37

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.409 ± 0.364 χ^2/NDF : 834.6/16

Left Out: 51.071 ± 0.244 χ^2/NDF : 1321.3/19

Right Out: -1.040 ± 0.377 χ^2/NDF : 507.5/18

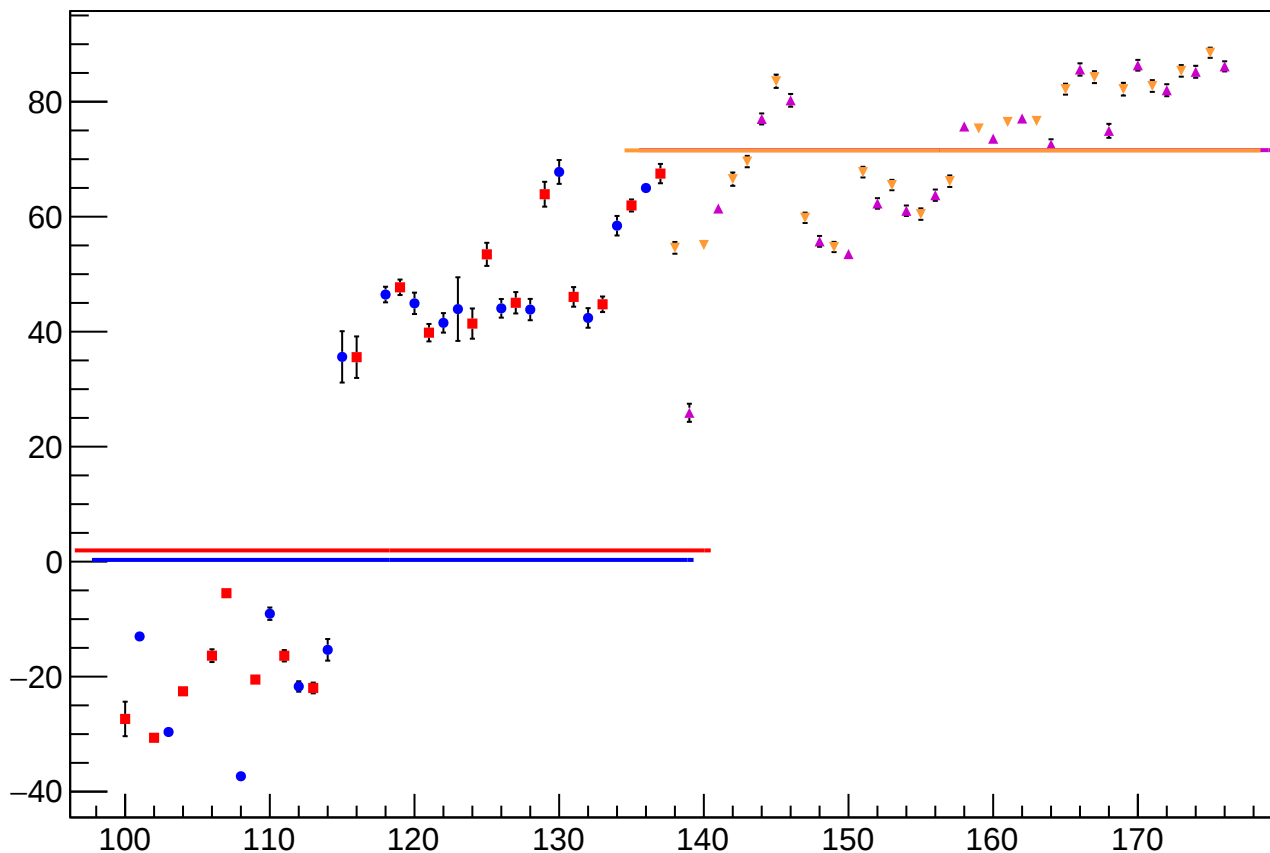
Left In: 52.838 ± 0.247 χ^2/NDF : 1073.1/18

+ sign 34.513 ± 0.203 χ^2/NDF : 17032.8/36

All: 35.573 ± 0.145 χ^2/NDF : 32960.8/74

- sign 36.673 ± 0.207 χ^2/NDF : 15872.3/37

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.300 ± 0.247 $\chi^2/\text{NDF}: 18259.2/16$

Left Out: 71.530 ± 0.208 $\chi^2/\text{NDF}: 2717.2/19$

Right Out: 1.952 ± 0.267 $\chi^2/\text{NDF}: 15450.6/18$

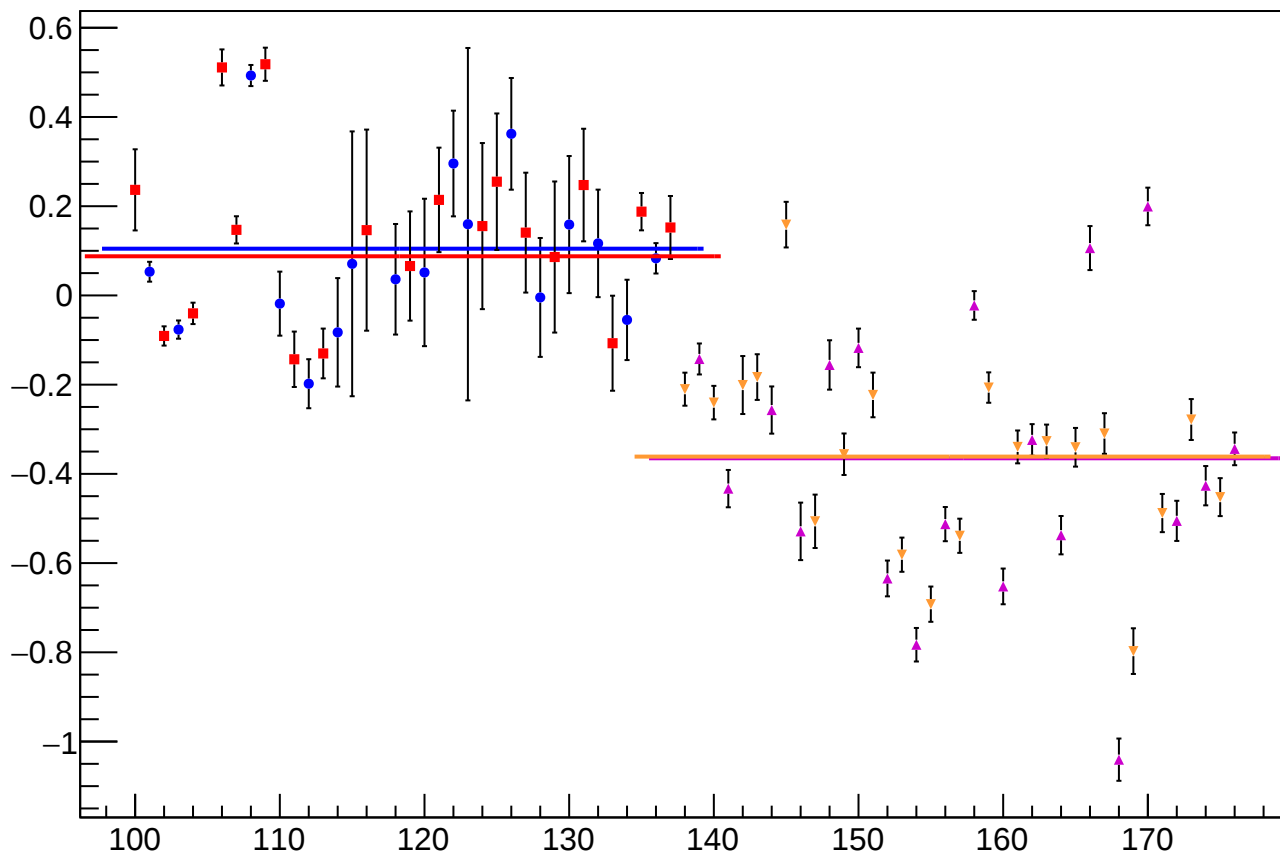
Left In: 71.574 ± 0.215 $\chi^2/\text{NDF}: 3165.4/18$

+ sign 42.019 ± 0.159 $\chi^2/\text{NDF}: 69520.5/36$

All: 43.041 ± 0.115 $\chi^2/\text{NDF}: 129566.7/74$

- sign 44.168 ± 0.167 $\chi^2/\text{NDF}: 59959.6/37$

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.361 ± 0.010 $\chi^2/\text{NDF}: 399.1/19$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 390.9/18$

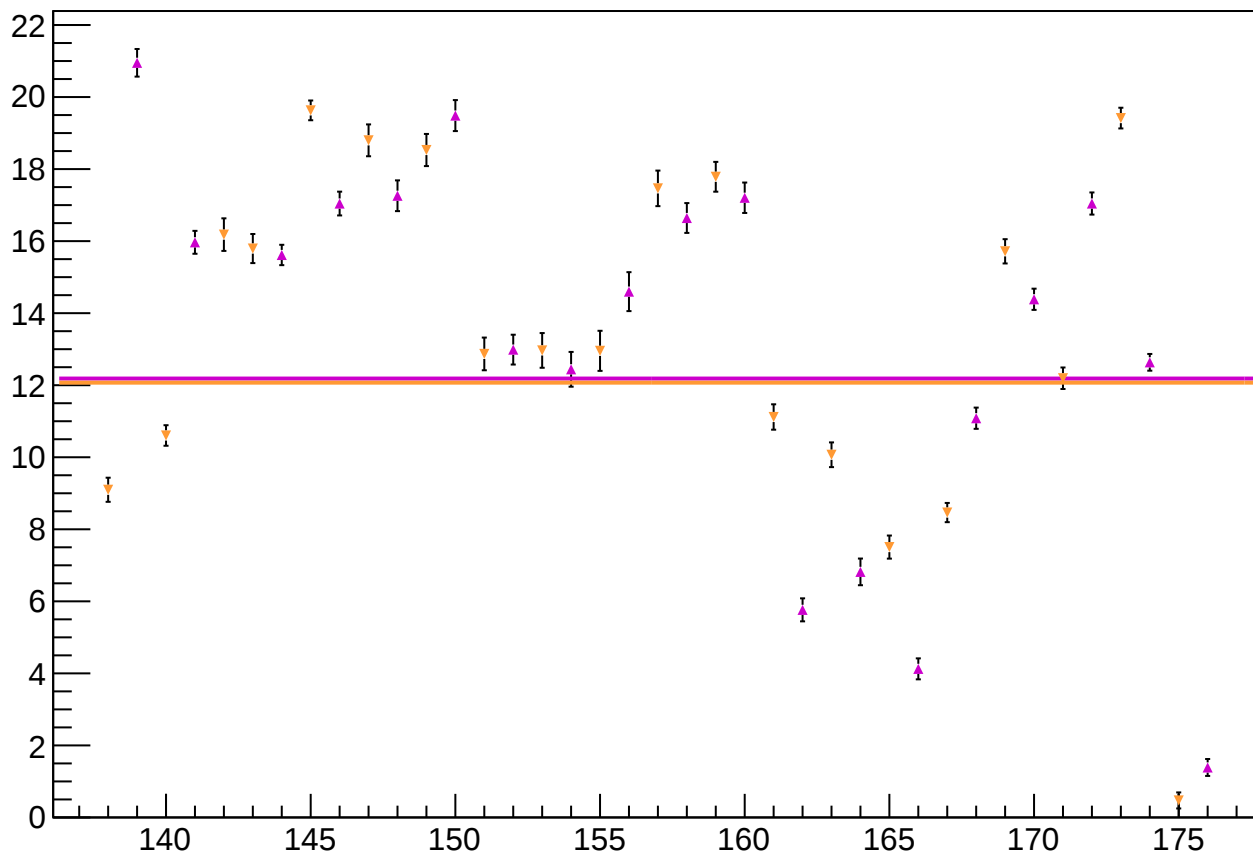
Left In: -0.365 ± 0.010 $\chi^2/\text{NDF}: 953.8/18$

+ sign -0.161 ± 0.007 $\chi^2/\text{NDF}: 1815.8/36$

All: -0.166 ± 0.005 $\chi^2/\text{NDF}: 4127.0/74$

- sign -0.171 ± 0.007 $\chi^2/\text{NDF}: 2310.3/37$

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 12.071+/-0.077 χ^2/NDF : 5710.5/19

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

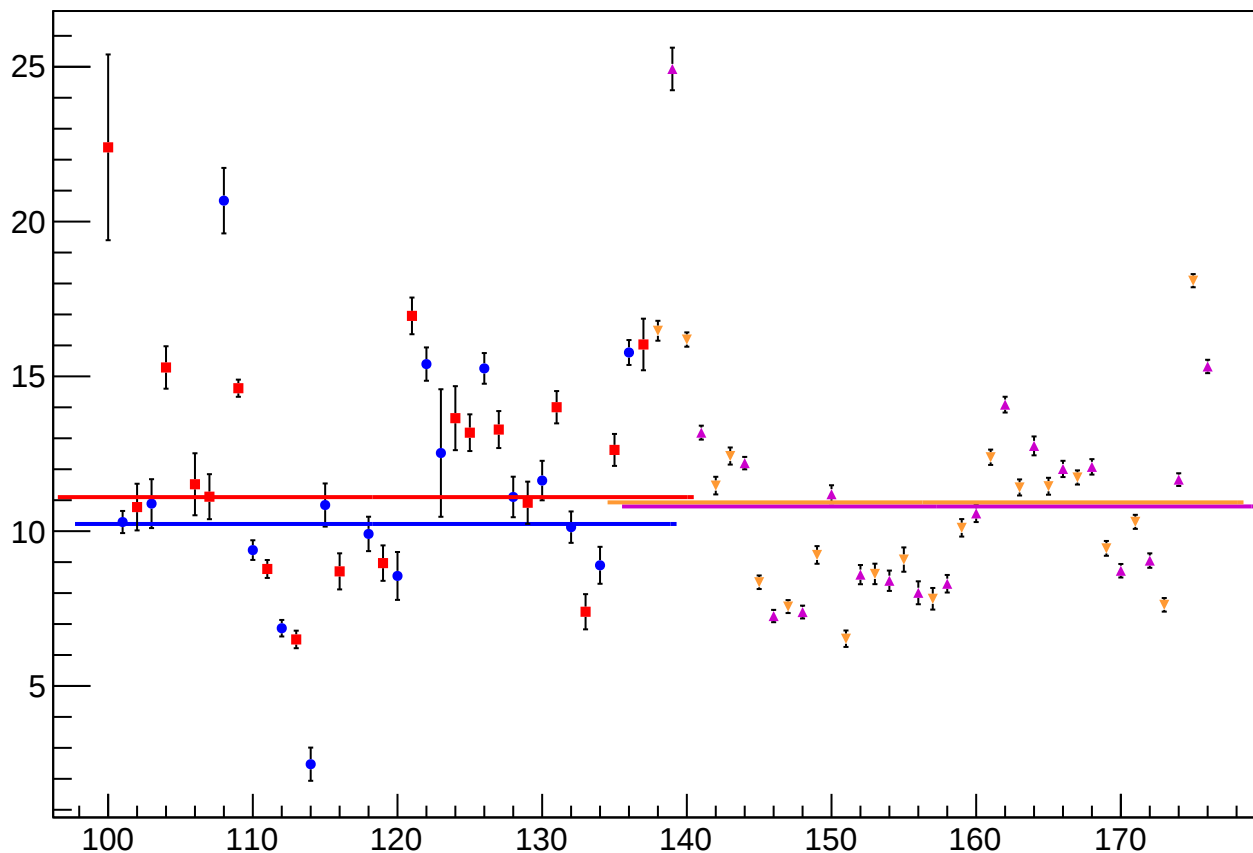
Left In: 12.185+/-0.076 χ^2/NDF : 5553.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.128+/-0.054 χ^2/NDF : 11265.0/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.232 $\pm$ 0.119 χ^2 /NDF: 876.7/16

Left Out: 10.930 $\pm$ 0.057 χ^2 /NDF:3170.2/19

Right Out: 11.100 $\pm$ 0.116 χ^2 /NDF: 817.8/18

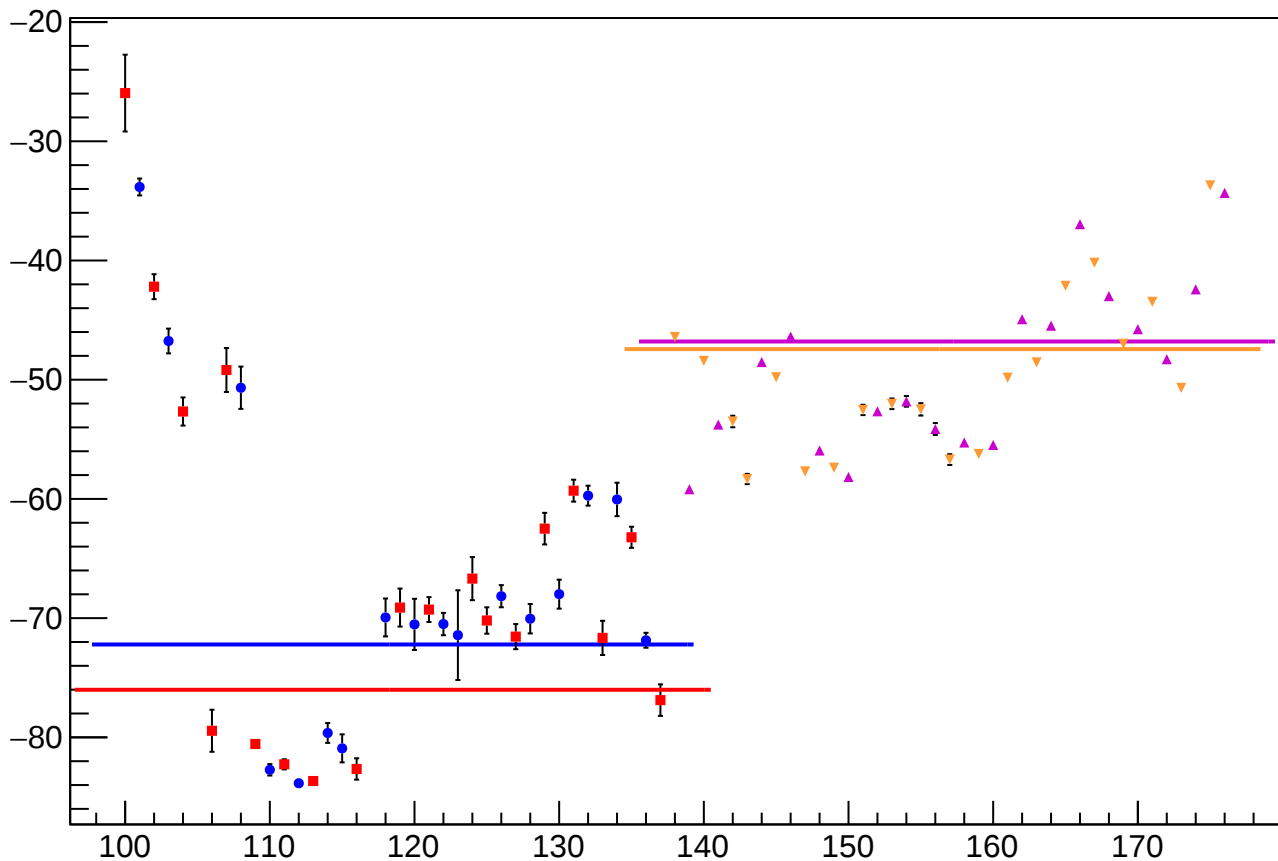
Left In: 10.799 $\pm$ 0.058 χ^2 /NDF:2267.0/18

+ sign 10.799 $\pm$ 0.052 χ^2 /NDF: 4074.6/36

All: 10.829 $\pm$ 0.037 χ^2 /NDF: 7165.5/74

- sign 10.858 $\pm$ 0.052 χ^2 /NDF: 3090.2/37

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.211 ± 0.198 χ^2/NDF : 5566.2/16

Left Out: -47.432 ± 0.077 χ^2/NDF : 8470.7/19

Right Out: -76.009 ± 0.181 χ^2/NDF : 3463.3/18

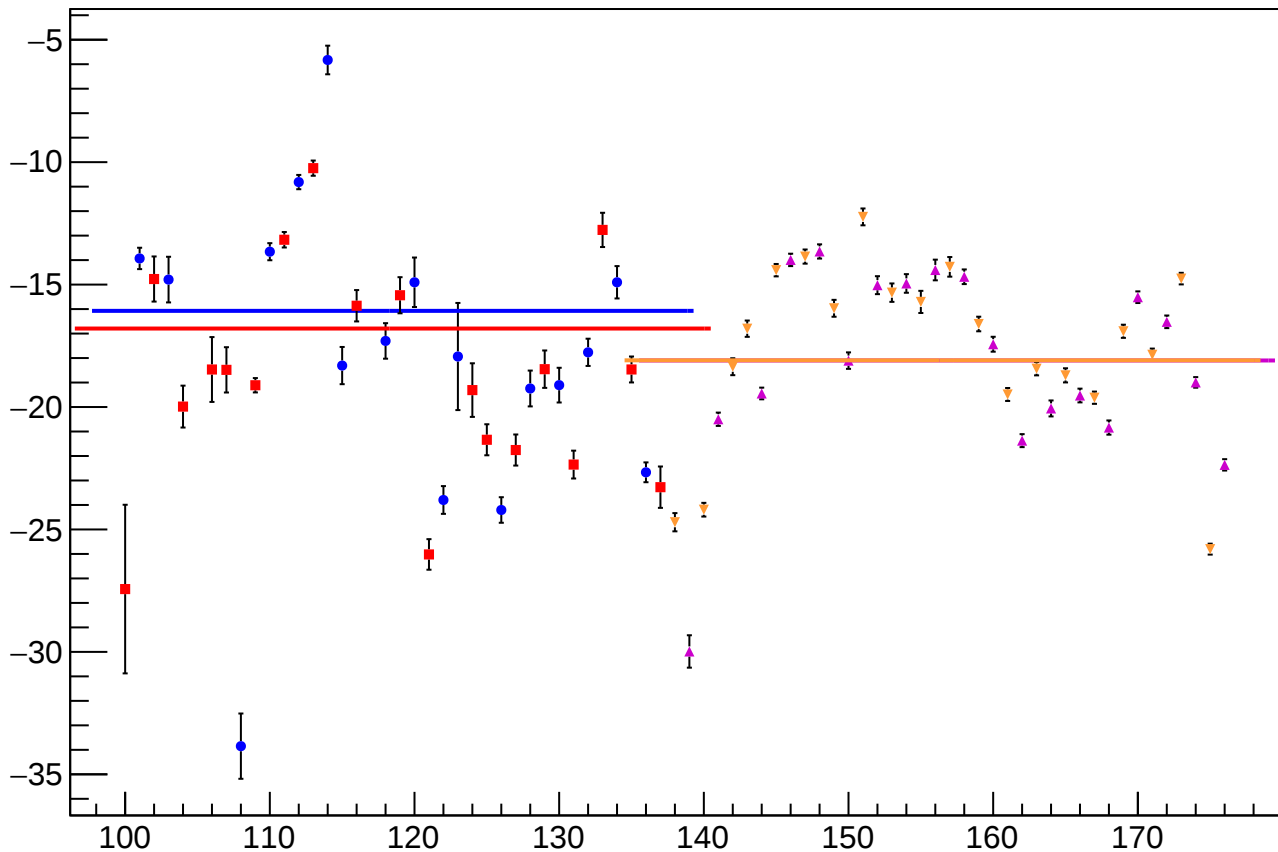
Left In: -46.793 ± 0.076 χ^2/NDF : 8725.2/18

+ sign -50.676 ± 0.072 χ^2/NDF : 27649.3/36

All: -50.929 ± 0.050 χ^2/NDF : 62016.9/74

- sign -51.170 ± 0.070 χ^2/NDF : 34343.4/37

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.073 ± 0.133 χ^2/NDF : 1640.5/16

Left Out: -18.093 ± 0.065 χ^2/NDF : 3237.2/19

Right Out: -16.795 ± 0.128 χ^2/NDF : 1216.0/18

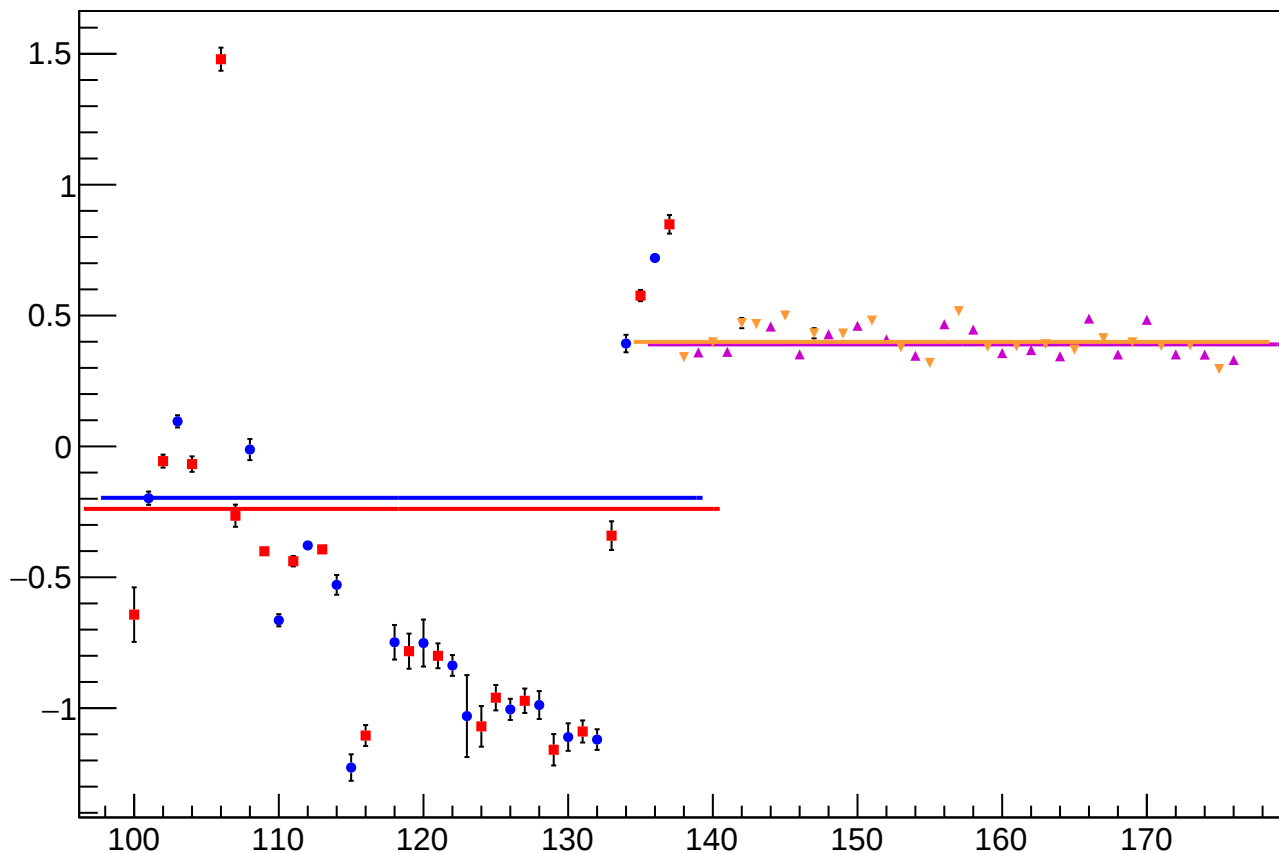
Left In: -18.099 ± 0.066 χ^2/NDF : 2094.4/18

+ sign -17.698 ± 0.059 χ^2/NDF : 5064.6/36

All: -17.763 ± 0.041 χ^2/NDF : 8459.6/74

- sign -17.828 ± 0.058 χ^2/NDF : 3392.5/37

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.196 ± 0.008 χ^2/NDF : 6323.5/16

Left Out: 0.399 ± 0.003 χ^2/NDF : 336.3/19

Right Out: -0.239 ± 0.007 χ^2/NDF : 6188.6/18

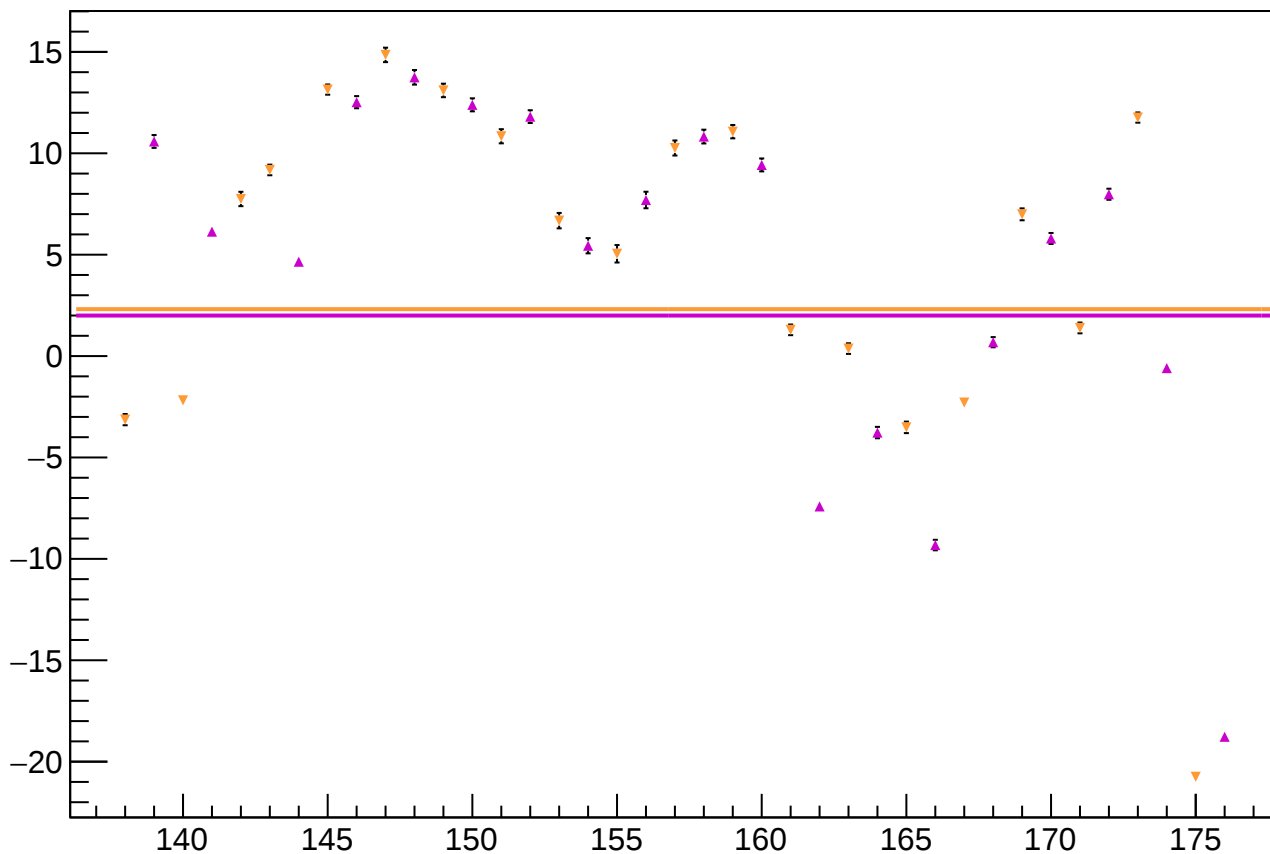
Left In: 0.390 ± 0.003 χ^2/NDF : 342.3/18

+ sign 0.316 ± 0.003 χ^2/NDF : 12021.5/36

All: 0.306 ± 0.002 χ^2/NDF : 25112.2/74

- sign 0.298 ± 0.003 χ^2/NDF : 13068.9/37

reg_asym_sam8_diff_bpm1X_slope vs Slug



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

Left Out: 2.314 $\pm$ 0.063 χ^2 /NDF:23930.3/19

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

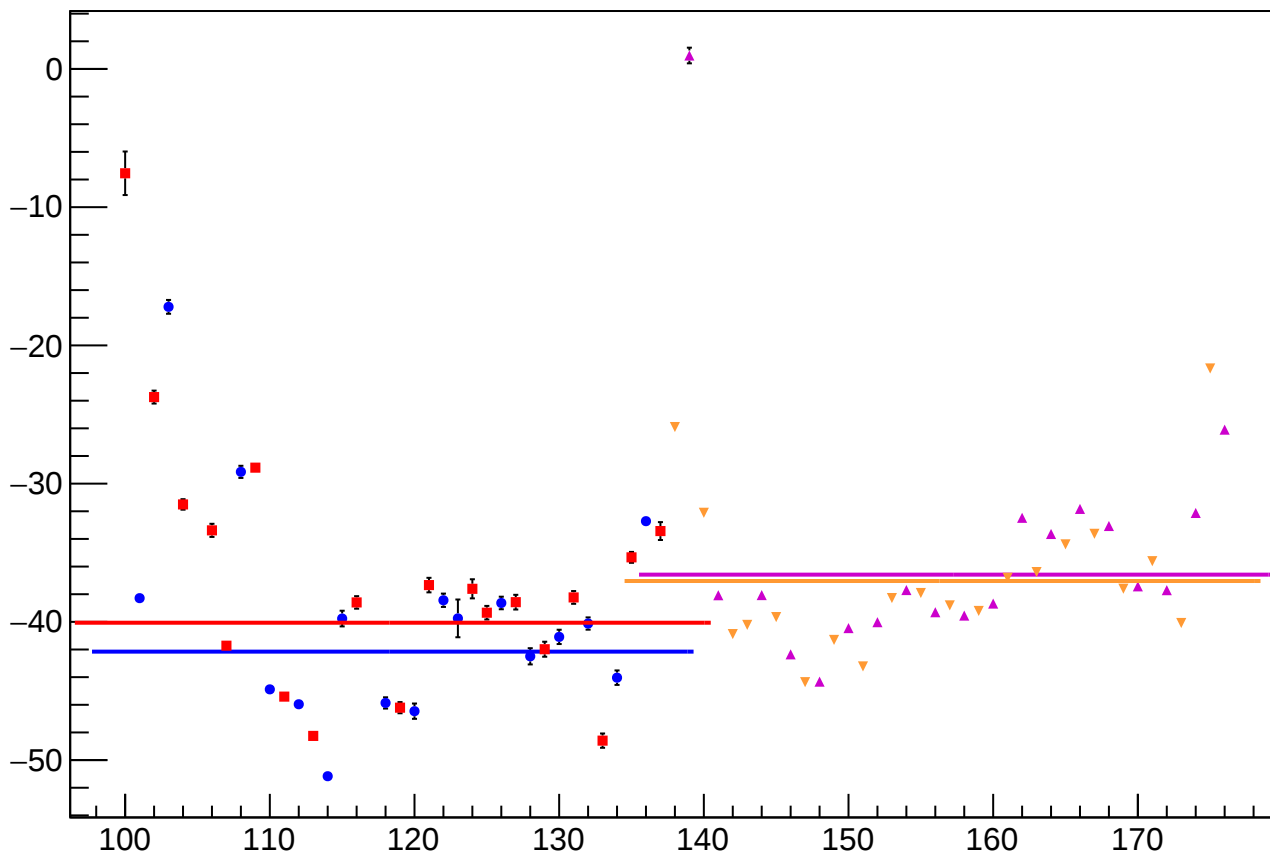
Left In: 1.999 $\pm$ 0.064 χ^2 /NDF:21227.5/18

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

All: 2.158 $\pm$ 0.045 χ^2 /NDF: 45170.2/38

- sign 0.000 $\pm$ 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: -37.044±/0.047 χ^2/NDF :13851.6/19

Right Out: -40.062±/0.073 χ^2/NDF : 11322.2/18

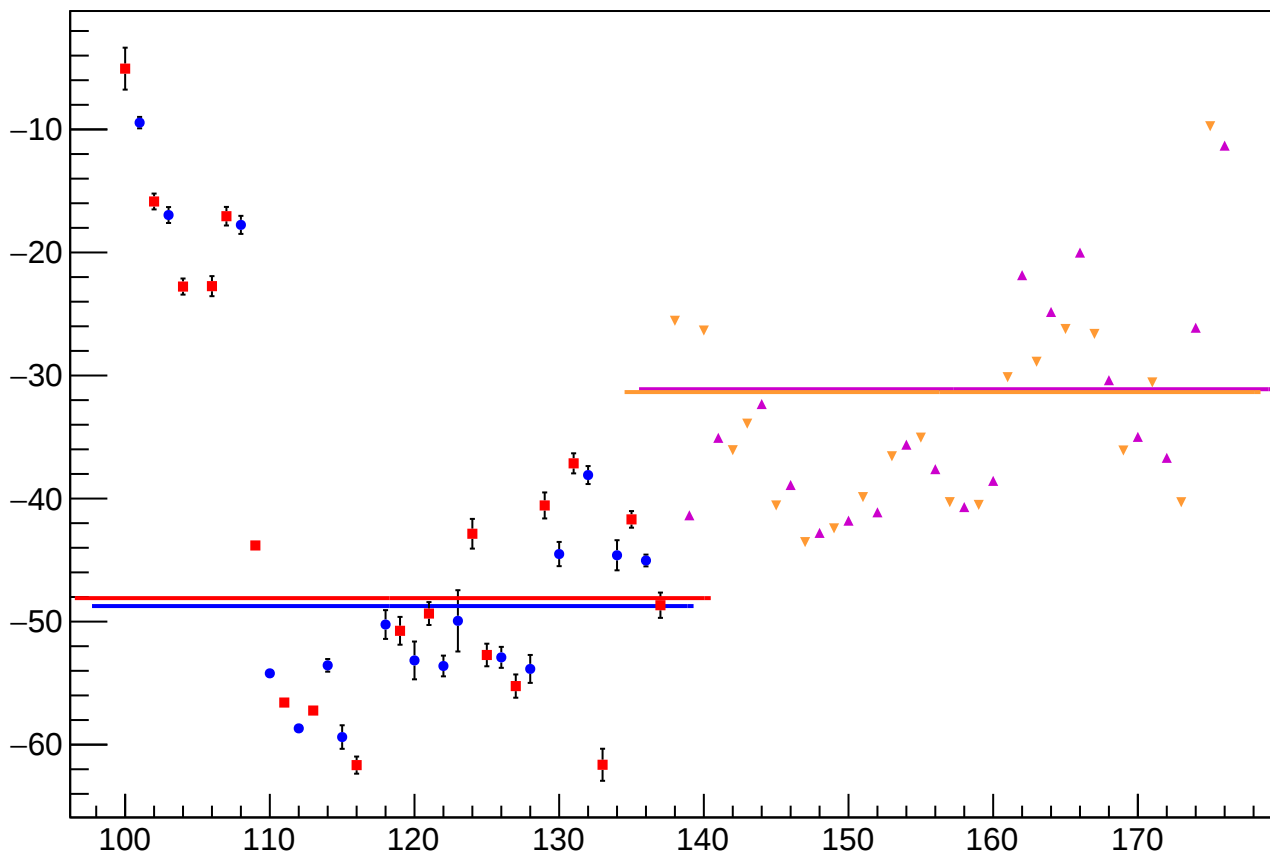
Left In: -36.584±/0.048 χ^2/NDF :13168.2/18

+ sign -38.398±/0.040 χ^2/NDF : 23561.1/36

All: -38.023±/0.028 χ^2/NDF : 49811.8/74

- sign -37.647±/0.040 χ^2/NDF : 26076.5/37

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.737 ± 0.125 χ^2/NDF : 14658.1/16

Left Out: -31.346 ± 0.063 χ^2/NDF : 21521.9/19

Right Out: -48.092 ± 0.107 χ^2/NDF : 11733.2/18

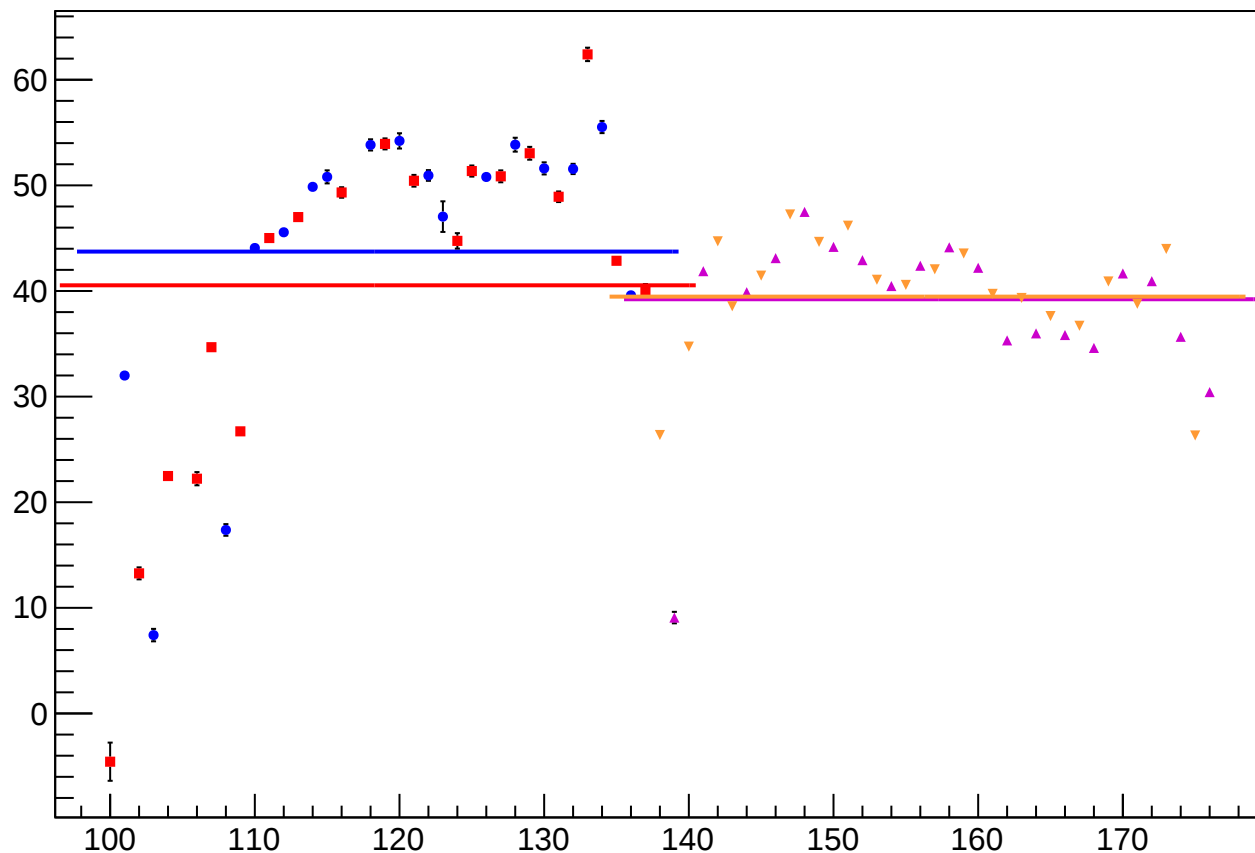
Left In: -31.113 ± 0.063 χ^2/NDF : 21321.0/18

+ sign -34.902 ± 0.056 χ^2/NDF : 51687.1/36

All: -35.218 ± 0.039 χ^2/NDF : 103372.5/74

- sign -35.514 ± 0.055 χ^2/NDF : 51624.6/37

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.731 ± 0.087 $\chi^2/\text{NDF}: 10567.7/16$

Left Out: 39.465 ± 0.053 $\chi^2/\text{NDF}: 10364.7/19$

Right Out: 40.537 ± 0.080 $\chi^2/\text{NDF}: 17601.3/18$

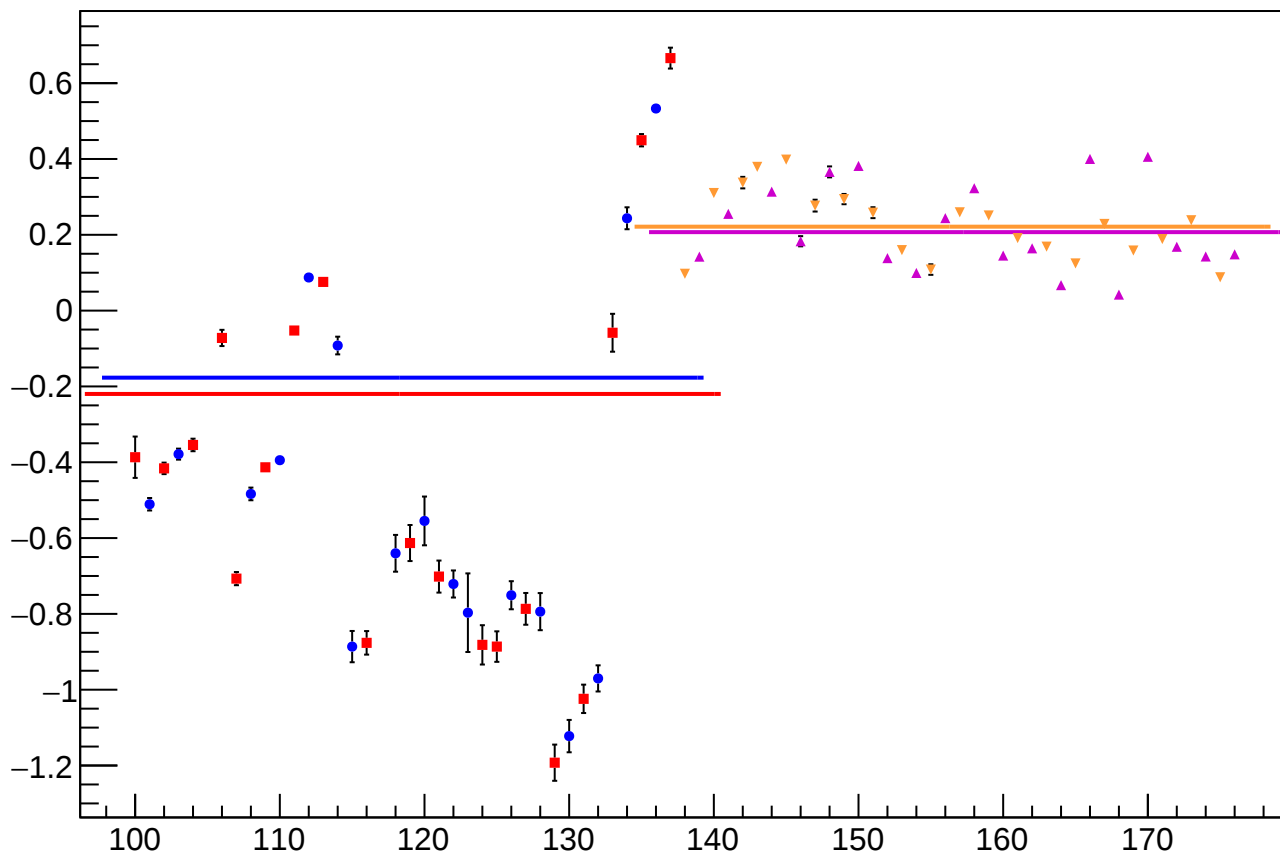
Left In: 39.218 ± 0.055 $\chi^2/\text{NDF}: 9245.3/18$

+ sign 40.638 ± 0.046 $\chi^2/\text{NDF}: 22681.4/36$

All: 40.135 ± 0.032 $\chi^2/\text{NDF}: 49955.7/74$

- sign 39.638 ± 0.045 $\chi^2/\text{NDF}: 27031.3/37$

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.005 χ^2/NDF : 7364.7/16

Left Out: 0.221 ± 0.002 χ^2/NDF : 1229.7/19

Right Out: -0.220 ± 0.004 χ^2/NDF : 7430.4/18

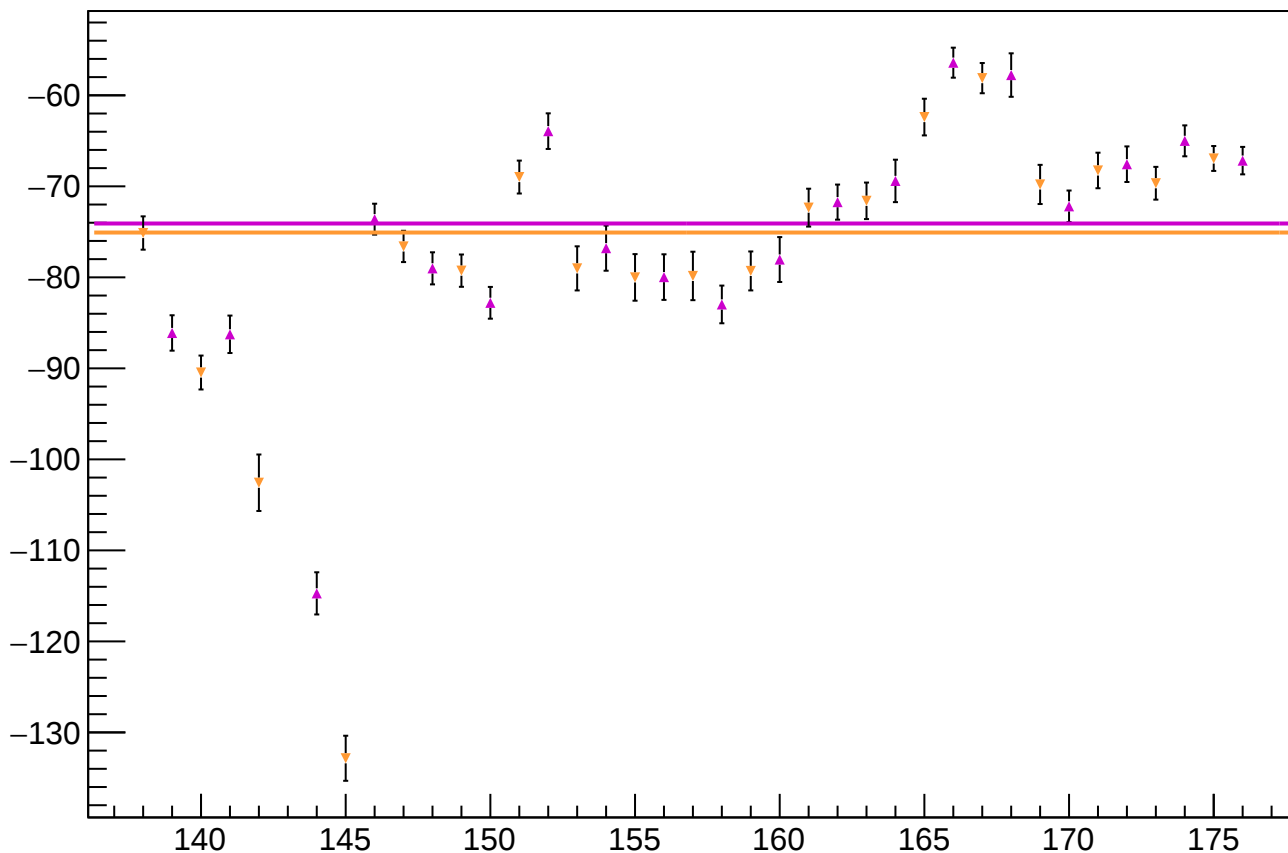
Left In: 0.207 ± 0.002 χ^2/NDF : 1970.9/18

+ sign 0.138 ± 0.002 χ^2/NDF : 13941.1/36

All: 0.118 ± 0.002 χ^2/NDF : 30870.4/74

- sign 0.100 ± 0.002 χ^2/NDF : 16785.1/37

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -75.076+/-0.451 χ^2/NDF : 933.6/18

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

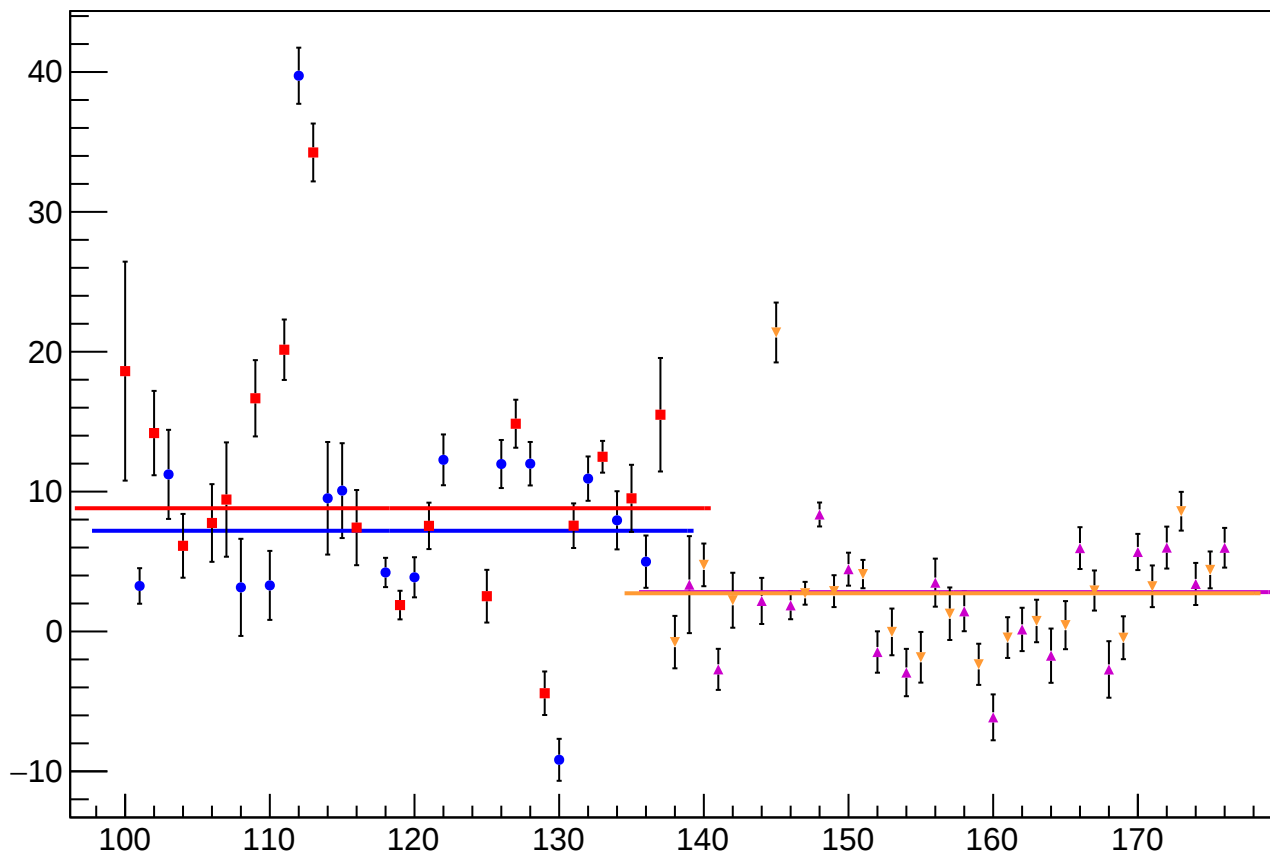
Left In: -74.084+/-0.445 χ^2/NDF : 696.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.574+/-0.317 χ^2/NDF : 1632.9/37

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.199 $\pm$ 0.440 χ^2 /NDF: 443.8/15

Left Out: 2.731 $\pm$ 0.324 χ^2 /NDF:136.9/18

Right Out: 8.810 $\pm$ 0.448 χ^2 /NDF: 349.7/17

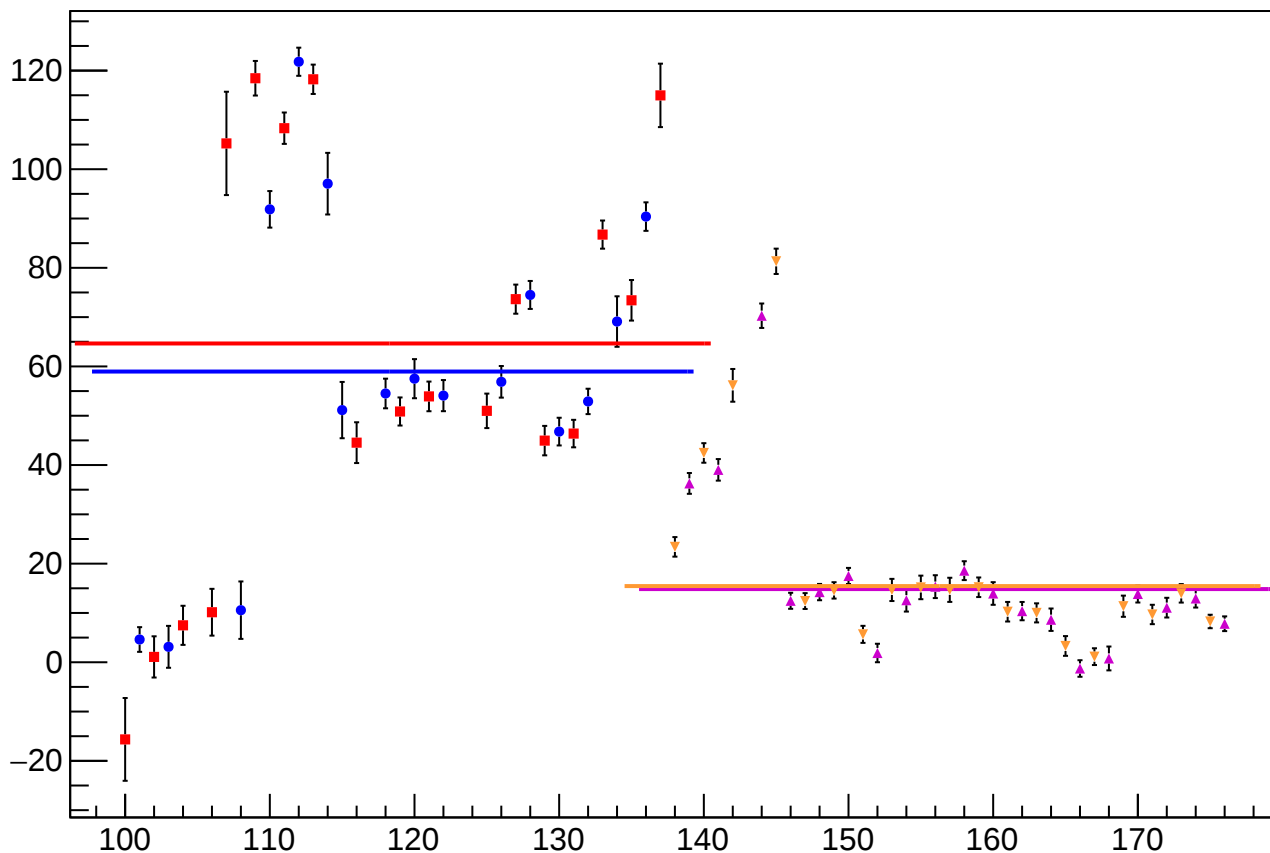
Left In: 2.813 $\pm$ 0.327 χ^2 /NDF:144.9/18

+ sign 4.301 $\pm$ 0.261 χ^2 /NDF: 647.7/34

All: 4.594 $\pm$ 0.185 χ^2 /NDF: 1262.0/71

- sign 4.895 $\pm$ 0.264 χ^2 /NDF: 611.7/36

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.962 $\pm$ 0.837 χ^2 /NDF: 1496.5/15

Left Out: 15.449 $\pm$ 0.445 χ^2 /NDF:1208.1/18

Right Out: 64.655 $\pm$ 0.840 χ^2 /NDF: 1721.8/17

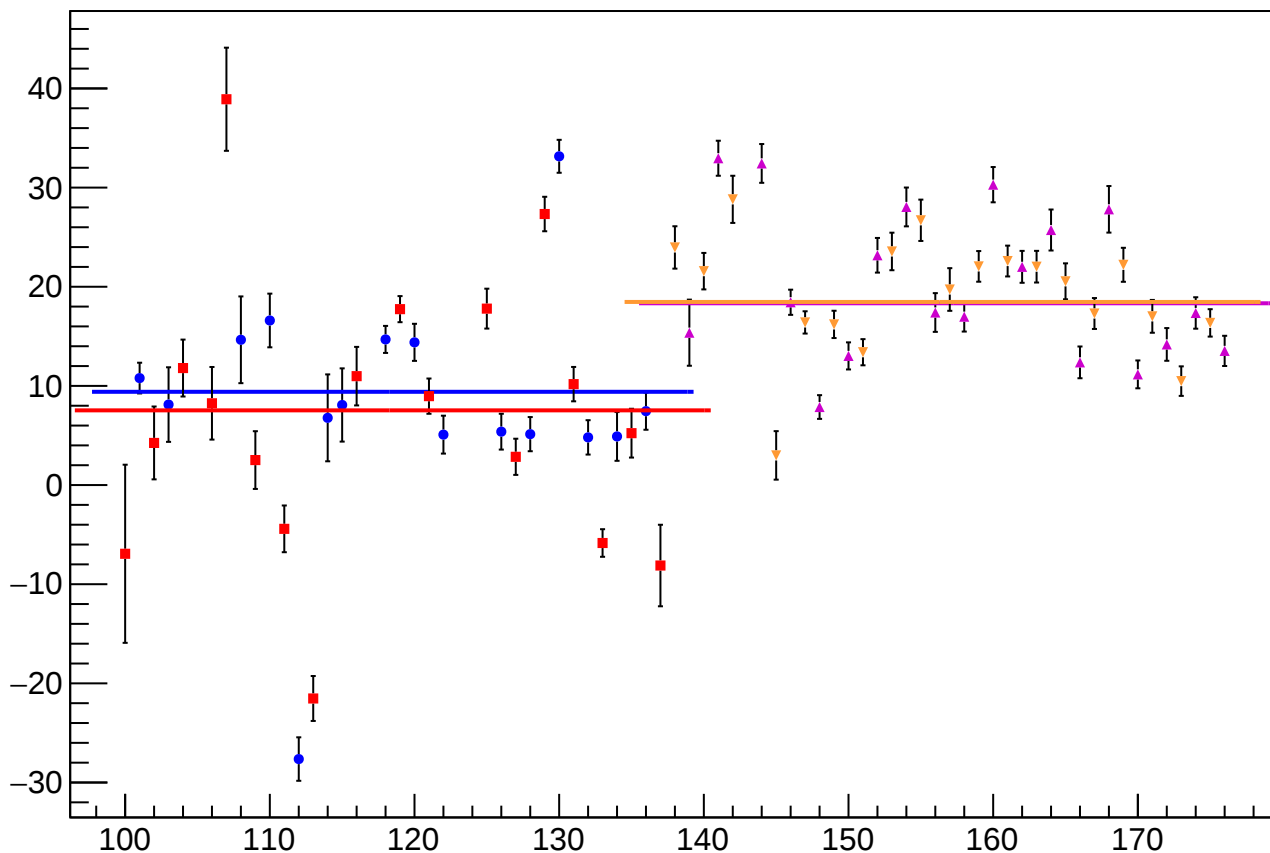
Left In: 14.843 $\pm$ 0.440 χ^2 /NDF:949.8/18

+ sign 25.051 $\pm$ 0.393 χ^2 /NDF: 4811.2/34

All: 25.305 $\pm$ 0.277 χ^2 /NDF: 10243.7/71

- sign 25.554 $\pm$ 0.390 χ^2 /NDF: 5431.7/36

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.405 ± 0.507 χ^2/NDF : 549.5/15

Left Out: 18.467 ± 0.375 χ^2/NDF : 168.4/18

Right Out: 7.533 ± 0.515 χ^2/NDF : 569.8/17

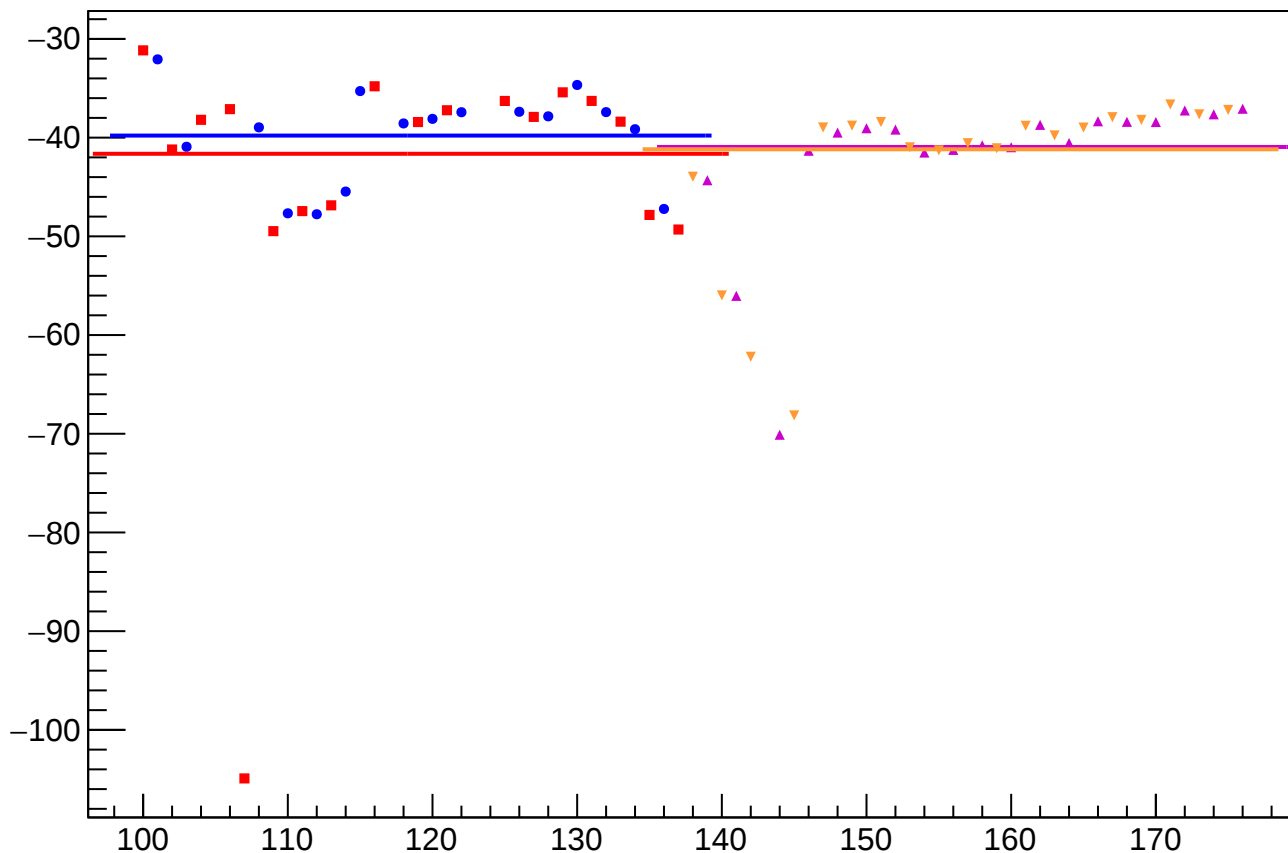
Left In: 18.333 ± 0.377 χ^2/NDF : 382.4/18

+ sign 15.257 ± 0.302 χ^2/NDF : 924.4/34

All: 14.912 ± 0.214 χ^2/NDF : 2165.6/71

- sign 14.561 ± 0.304 χ^2/NDF : 1238.5/36

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.791 ± 0.031 χ^2/NDF : 26138.6/15

Left Out: -41.180 ± 0.018 χ^2/NDF : 145190.4/18

Right Out: -41.635 ± 0.031 χ^2/NDF : 94393.1/17

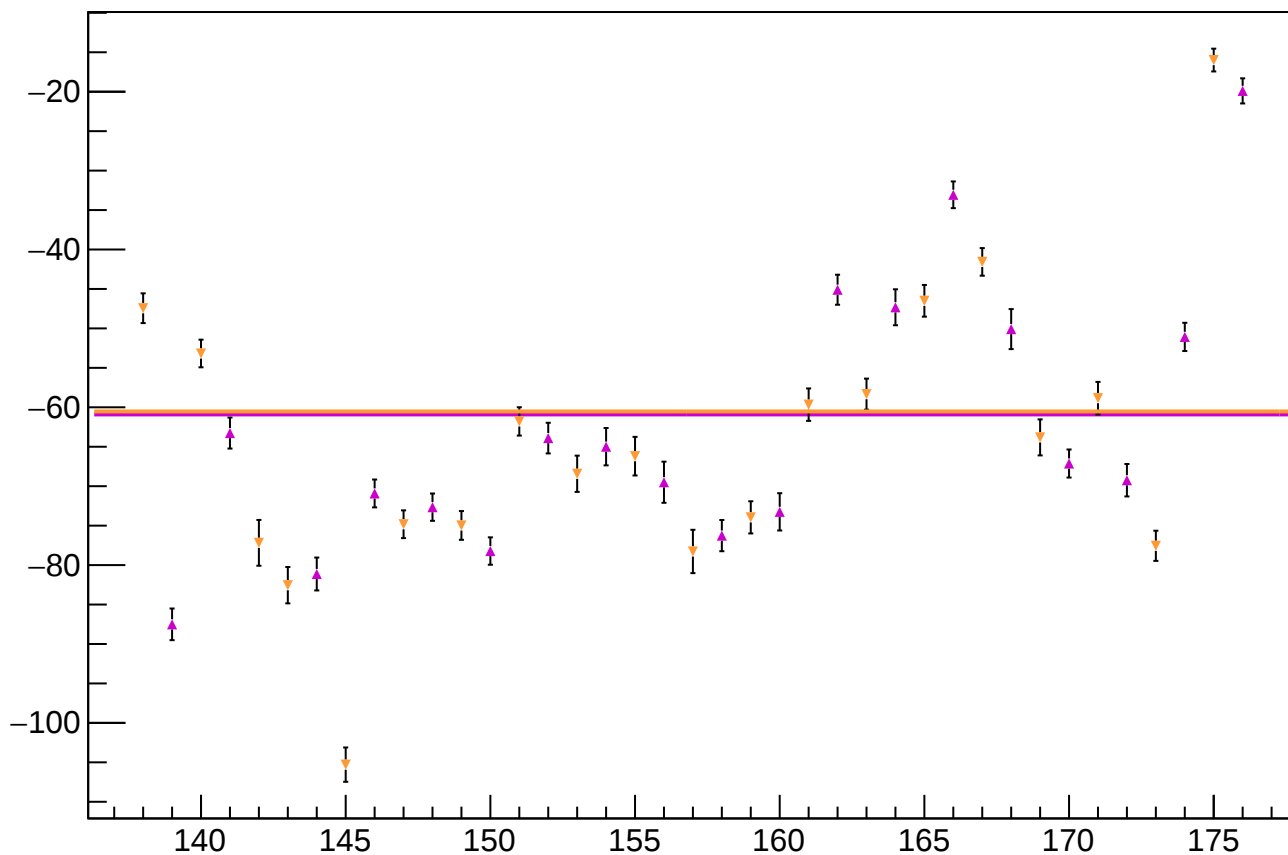
Left In: -40.946 ± 0.017 χ^2/NDF : 117887.5/18

+ sign -40.839 ± 0.015 χ^2/NDF : 172821.6/34

All: -40.977 ± 0.011 χ^2/NDF : 385629.9/71

- sign -41.109 ± 0.015 χ^2/NDF : 212653.2/36

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -60.525+/-0.446 χ^2/NDF : 2047.3/19

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

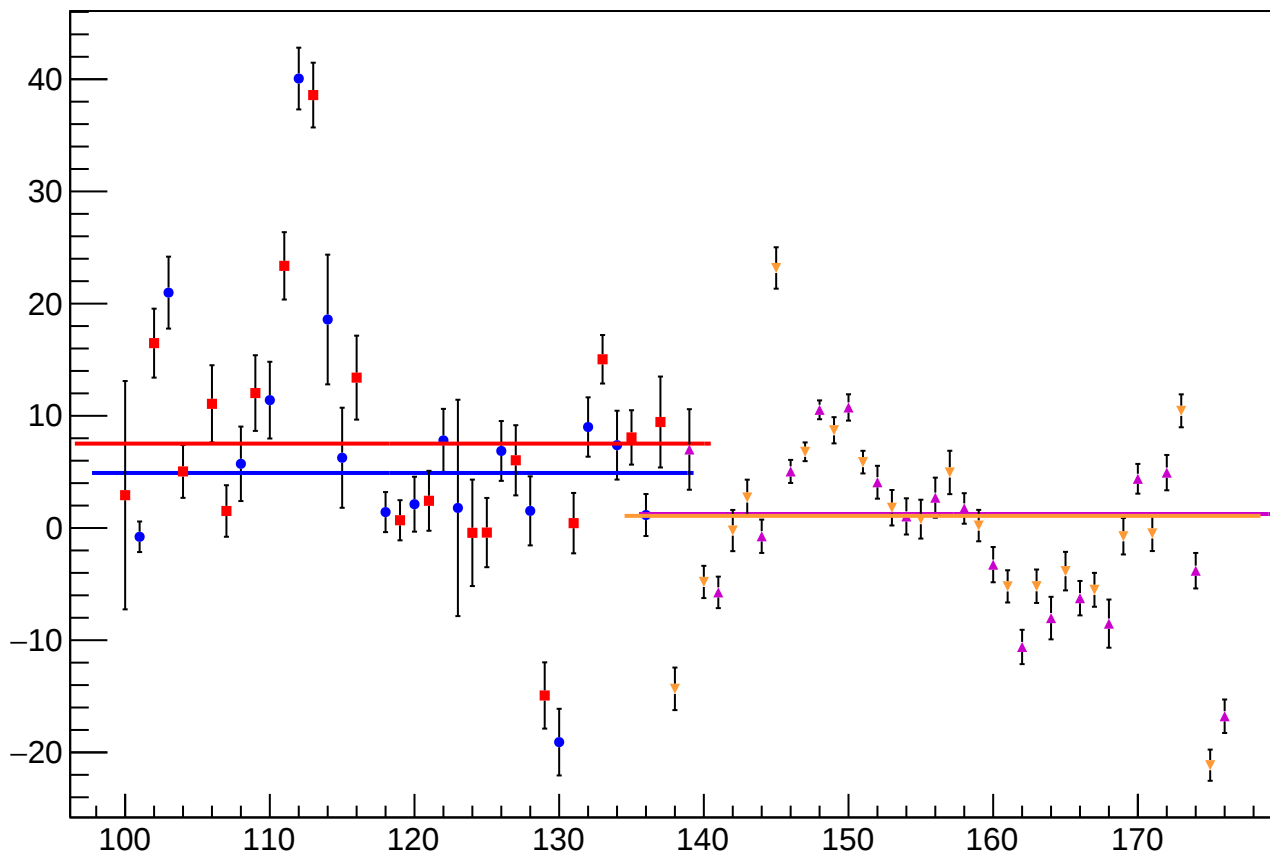
Left In: -60.902+/-0.448 χ^2/NDF : 1669.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.712+/-0.316 χ^2/NDF : 3717.1/38

- 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 $\chi^2/\text{NDF}: 295.4/16$

Left Out: 1.082 ± 0.318 $\chi^2/\text{NDF}: 707.0/19$

Right Out: 7.523 ± 0.651 $\chi^2/\text{NDF}: 270.6/18$

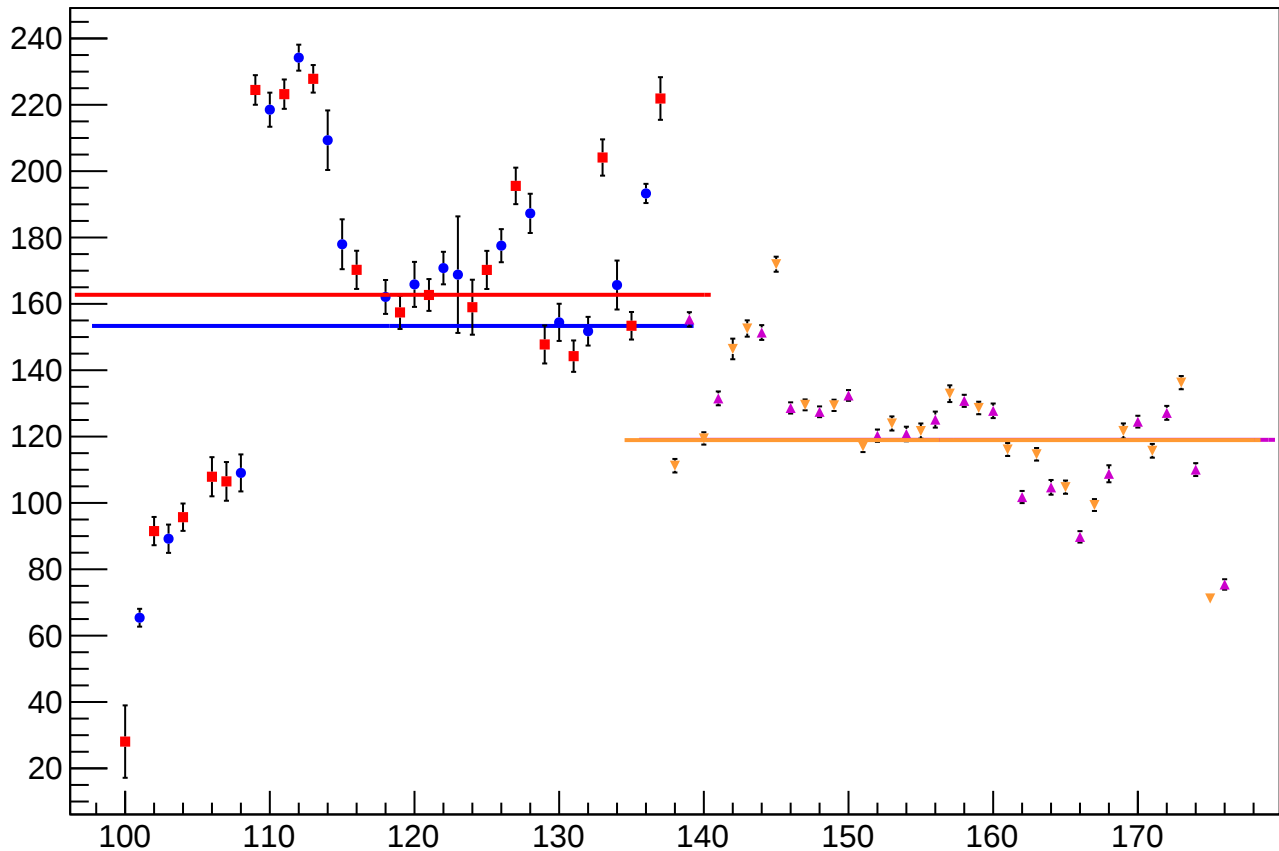
Left In: 1.249 ± 0.326 $\chi^2/\text{NDF}: 539.6/18$

+ sign 1.863 ± 0.284 $\chi^2/\text{NDF}: 1032.0/36$

All: 2.177 ± 0.203 $\chi^2/\text{NDF}: 1919.0/74$

- sign 2.508 ± 0.291 $\chi^2/\text{NDF}: 884.5/37$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.350 $\pm$ 1.150 χ^2 /NDF: 2268.3/16

Left Out: 118.938 $\pm$ 0.441 χ^2 /NDF:2323.1/19

Right Out: 162.734 $\pm$ 1.177 χ^2 /NDF: 1708.8/18

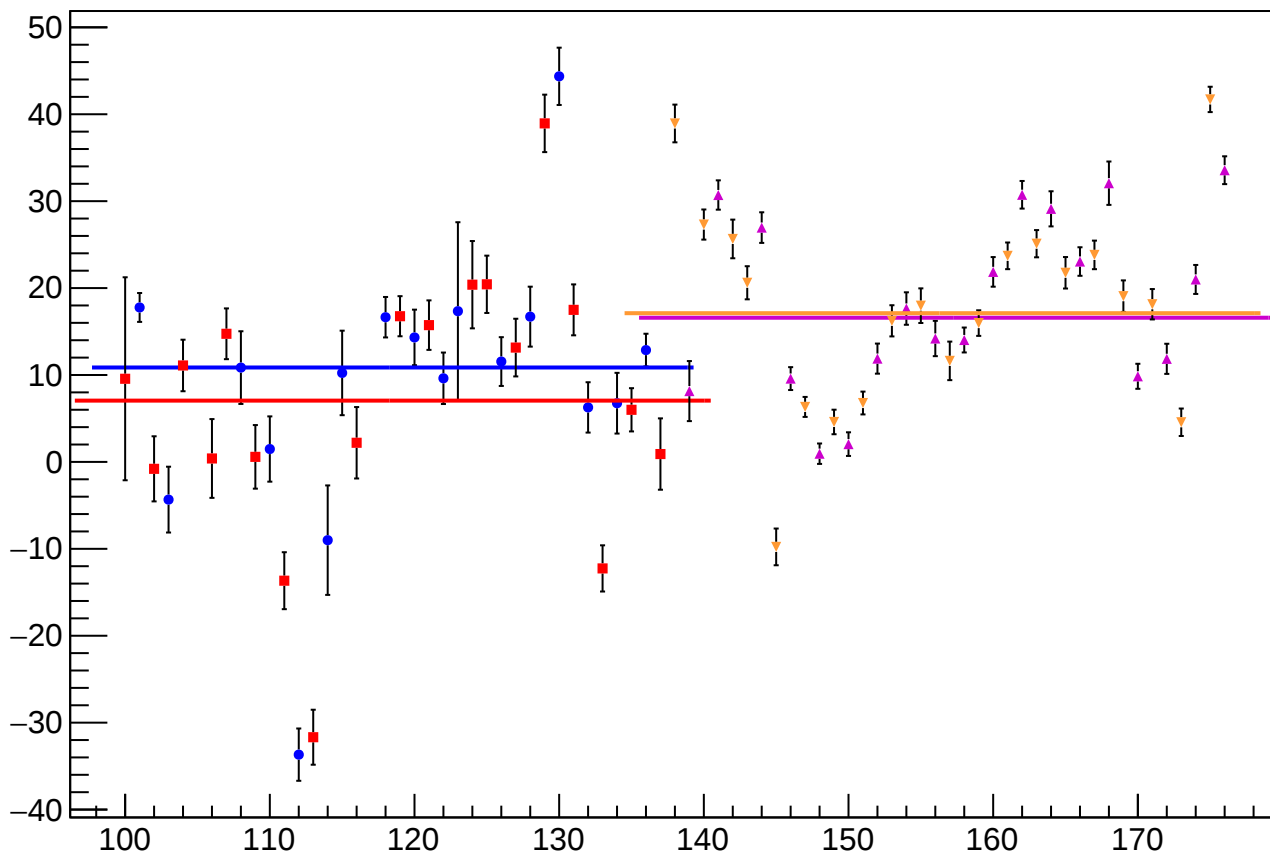
Left In: 119.019 $\pm$ 0.442 χ^2 /NDF:1963.5/18

+ sign 123.343 $\pm$ 0.412 χ^2 /NDF: 5371.9/36

All: 123.877 $\pm$ 0.292 χ^2 /NDF: 10257.0/74

- sign 124.416 $\pm$ 0.414 χ^2 /NDF: 4881.6/37

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.864 $\pm$ 0.719 χ^2 /NDF: 387.9/16

Left Out: 17.111 $\pm$ 0.370 χ^2 /NDF: 968.4/19

Right Out: 7.052 $\pm$ 0.748 χ^2 /NDF: 424.7/18

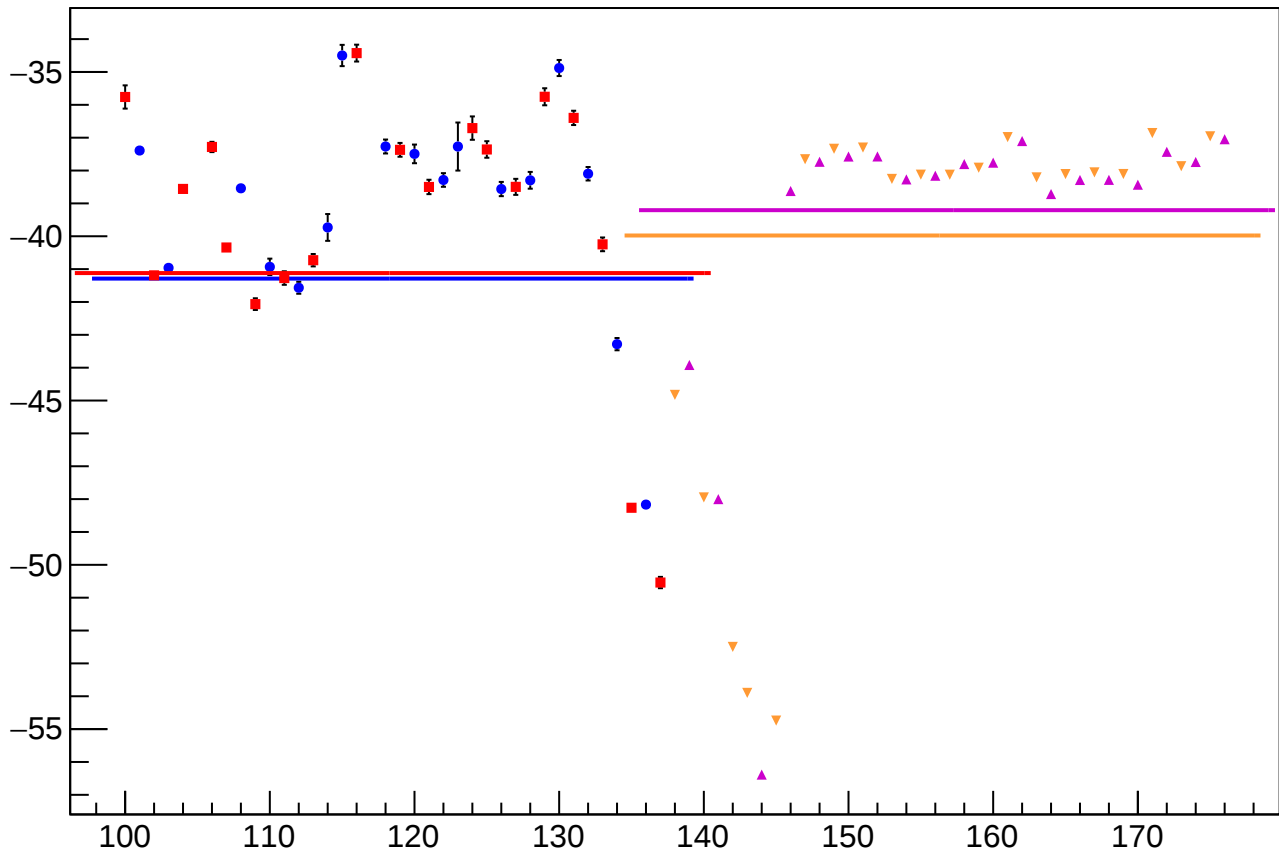
Left In: 16.589 $\pm$ 0.377 χ^2 /NDF: 773.0/18

+ sign 15.807 $\pm$ 0.329 χ^2 /NDF: 1416.0/36

All: 15.244 $\pm$ 0.235 χ^2 /NDF: 2749.5/74

- sign 14.654 $\pm$ 0.337 χ^2 /NDF: 1327.5/37

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.289 ± 0.039 χ^2/NDF : 12509.1/16

Left Out: -39.977 ± 0.018 χ^2/NDF : 84579.5/19

Right Out: -41.120 ± 0.039 χ^2/NDF : 12110.6/18

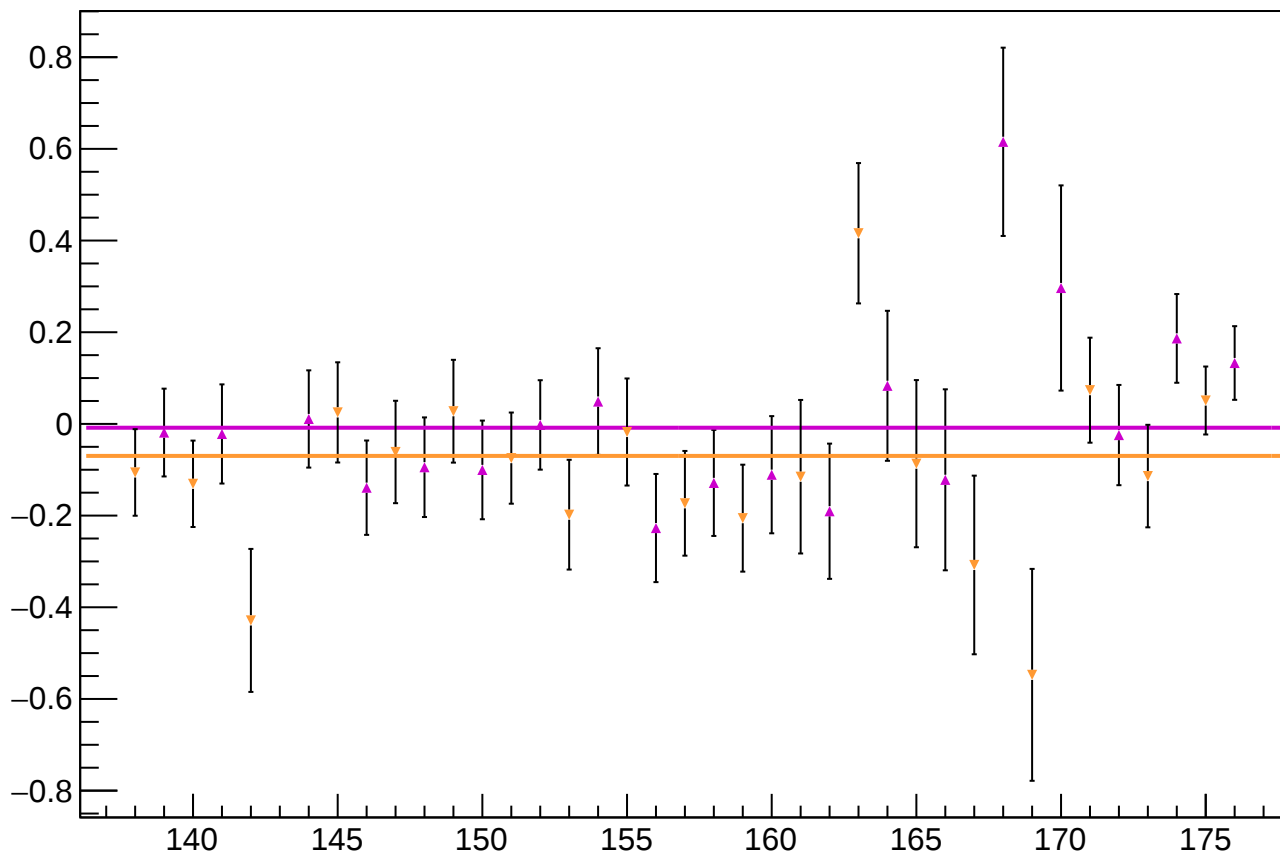
Left In: -39.206 ± 0.017 χ^2/NDF : 51454.3/18

+ sign -40.202 ± 0.016 χ^2/NDF : 98044.5/36

All: -39.864 ± 0.011 χ^2/NDF : 164533.8/74

- sign -39.530 ± 0.016 χ^2/NDF : 65601.2/37

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.070 $\pm$ 0.027 χ^2 /NDF: 31.2/18

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

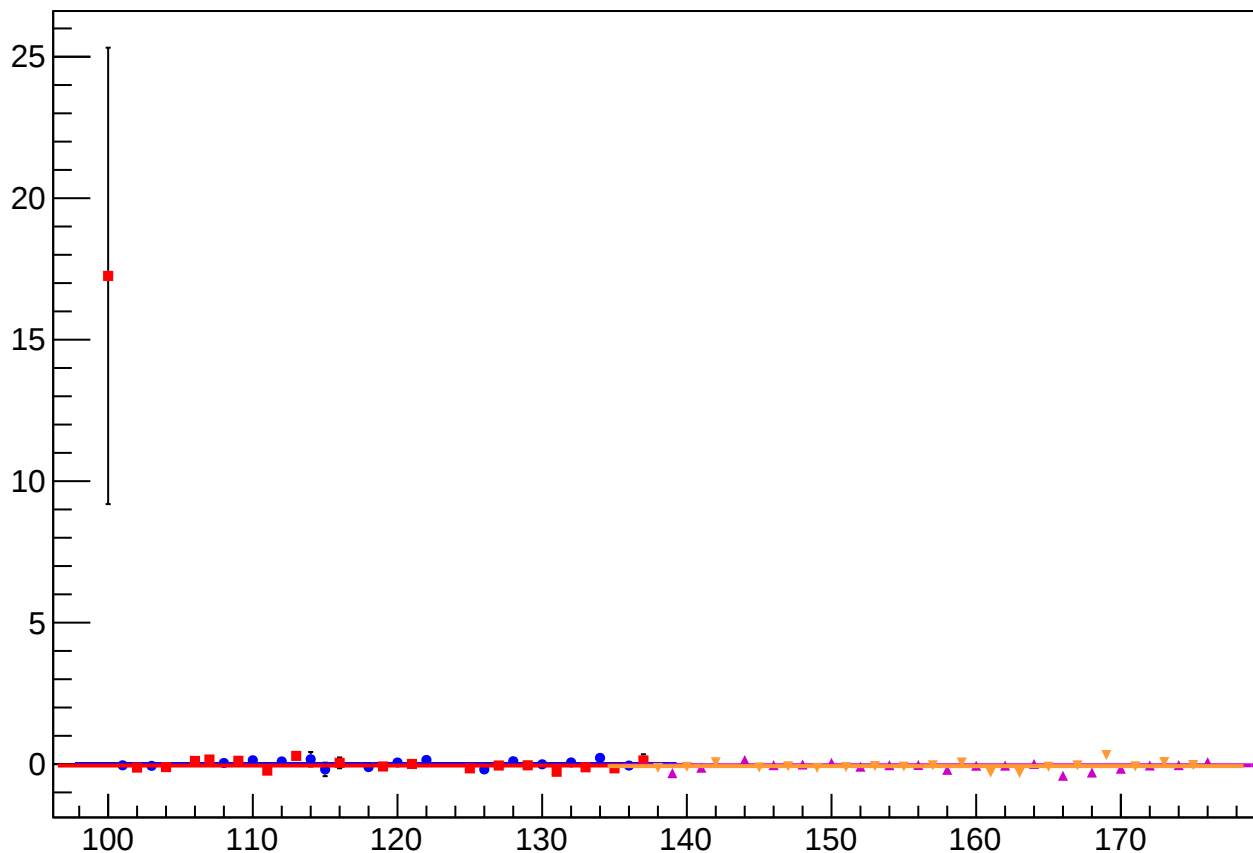
Left In: -0.008 $\pm$ 0.026 χ^2 /NDF: 28.9/18

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

All: -0.039 $\pm$ 0.019 χ^2 /NDF: 62.7/37

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.003 ± 0.029 χ^2/NDF : 12.4/15

Left Out: -0.071 ± 0.019 χ^2/NDF : 23.0/18

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.6/17

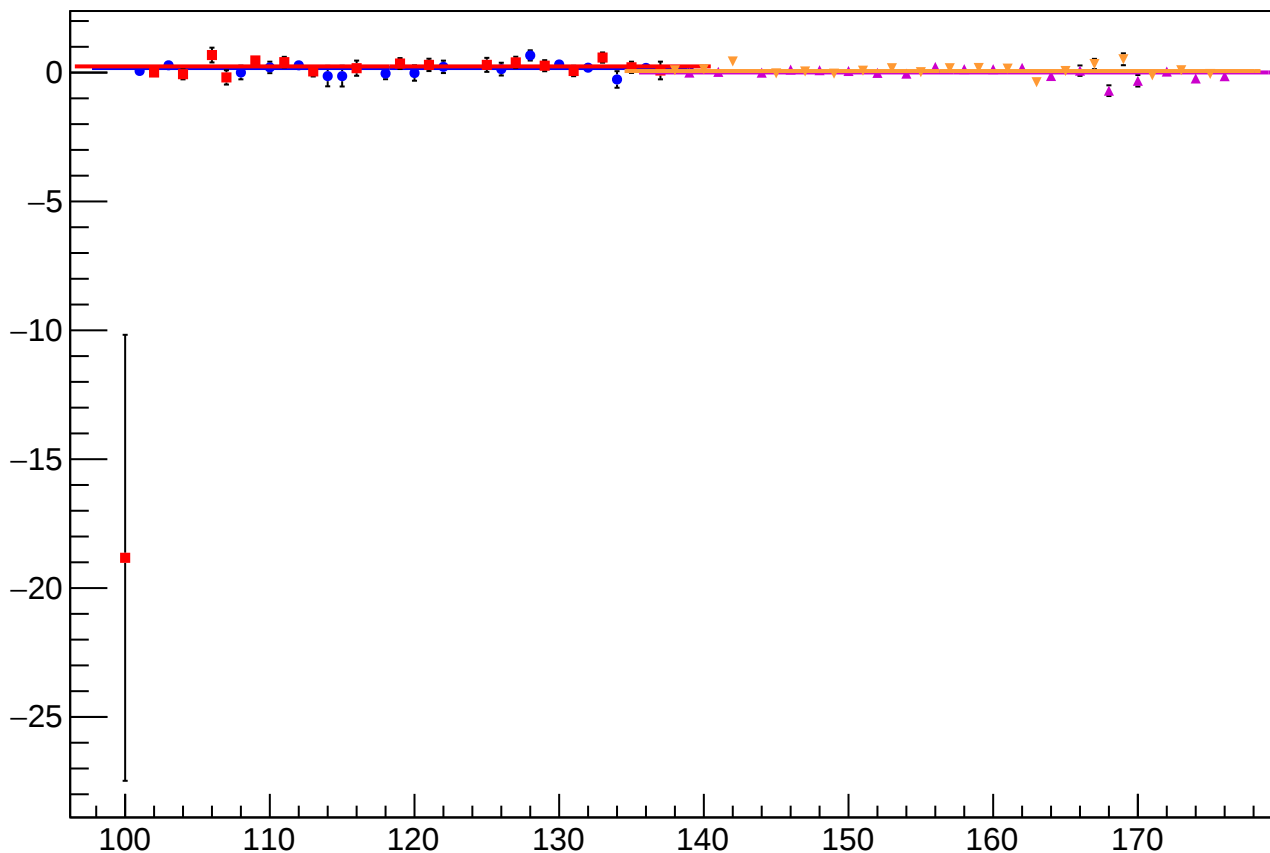
Left In: -0.041 ± 0.019 χ^2/NDF : 25.3/18

+ sign -0.048 ± 0.016 χ^2/NDF : 40.1/34

All: -0.046 ± 0.011 χ^2/NDF : 91.1/71

- sign -0.044 ± 0.016 χ^2/NDF : 51.0/36

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.176 $\pm$ 0.053 χ^2 /NDF: 13.0/15

Left Out: 0.060 $\pm$ 0.026 χ^2 /NDF: 29.7/18

Right Out: 0.240 $\pm$ 0.054 χ^2 /NDF: 21.6/17

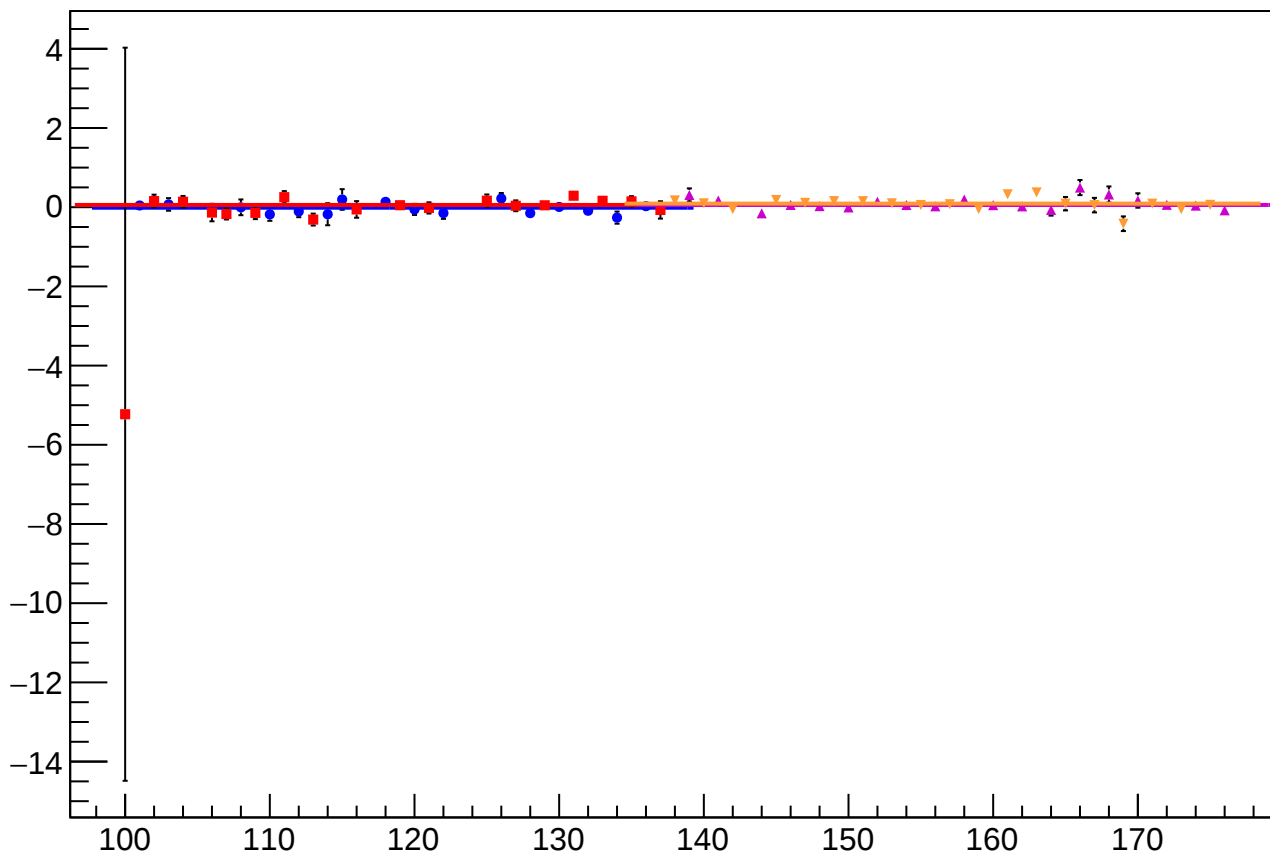
Left In: 0.005 $\pm$ 0.026 χ^2 /NDF: 33.4/18

+ sign 0.083 $\pm$ 0.024 χ^2 /NDF: 46.6/34

All: 0.066 $\pm$ 0.017 χ^2 /NDF: 118.0/71

- sign 0.049 $\pm$ 0.023 χ^2 /NDF: 70.4/36

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.013 ± 0.033 χ^2/NDF : 13.6/15

Left Out: 0.091 ± 0.023 χ^2/NDF : 25.4/18

Right Out: 0.057 ± 0.034 χ^2/NDF : 20.3/17

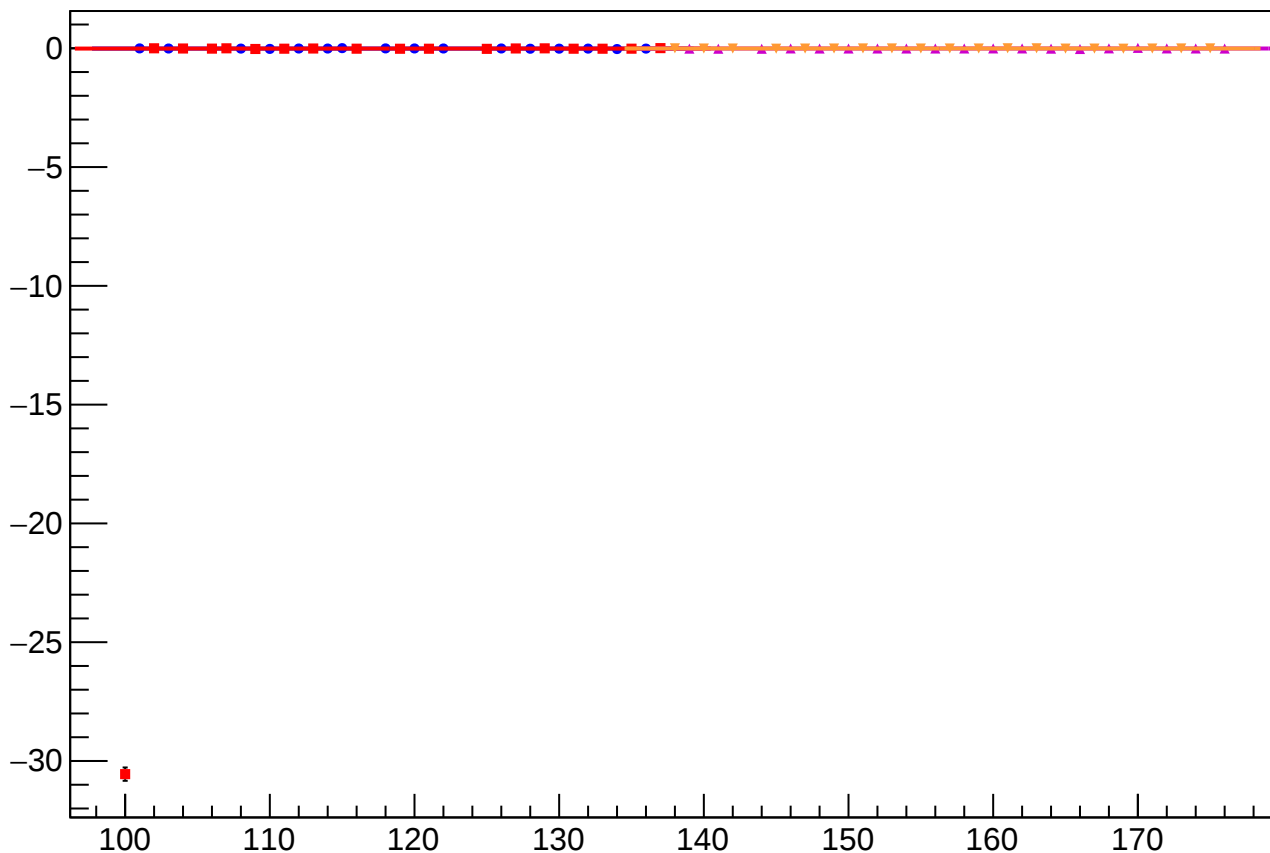
Left In: 0.056 ± 0.022 χ^2/NDF : 24.8/18

+ sign 0.057 ± 0.019 χ^2/NDF : 45.8/34

All: 0.057 ± 0.013 χ^2/NDF : 90.9/71

- sign 0.056 ± 0.019 χ^2/NDF : 45.2/36

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:15.2/18

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.4/17

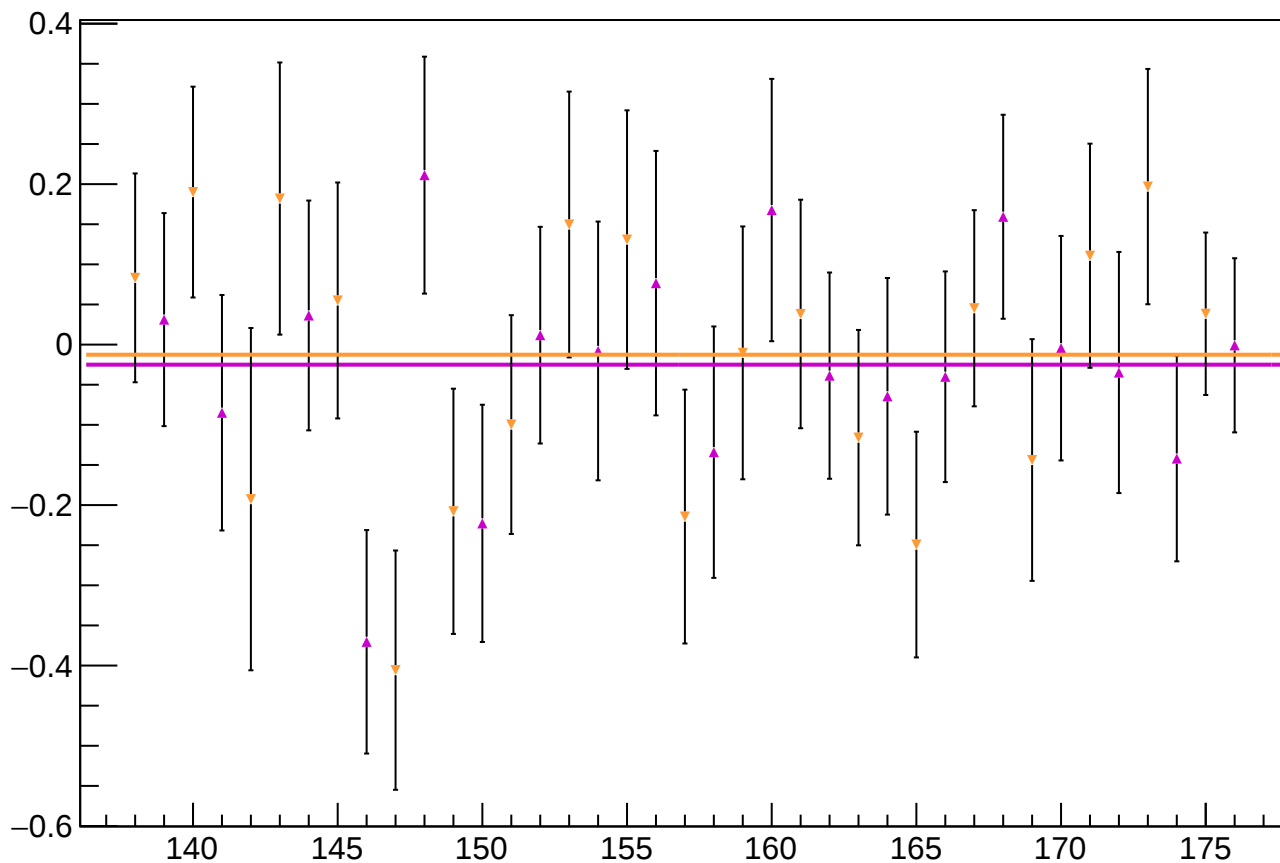
Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:30.7/18

+ sign -0.009 $\pm$ 0.001 χ^2 /NDF: 31.3/34

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11955.7/71

- sign -0.010 $\pm$ 0.001 χ^2 /NDF: 11923.3/36

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.013 $\pm$ 0.032 χ^2 /NDF: 25.1/19

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

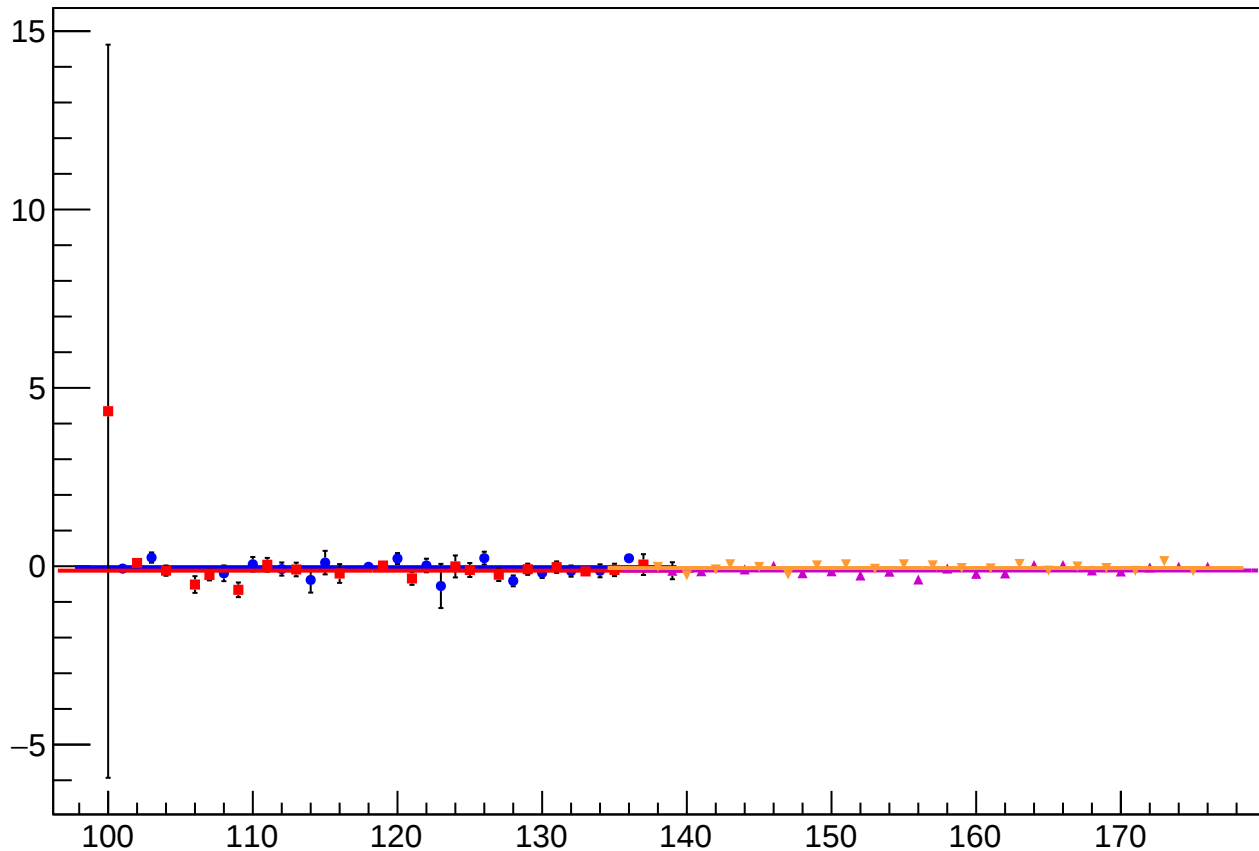
Left In: -0.025 $\pm$ 0.032 χ^2 /NDF: 16.5/18

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

All: -0.019 $\pm$ 0.023 χ^2 /NDF: 41.7/38

- 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: -0.051 ± 0.023 χ^2/NDF : 20.8/19

Right Out: -0.124 ± 0.039 χ^2/NDF : 18.3/18

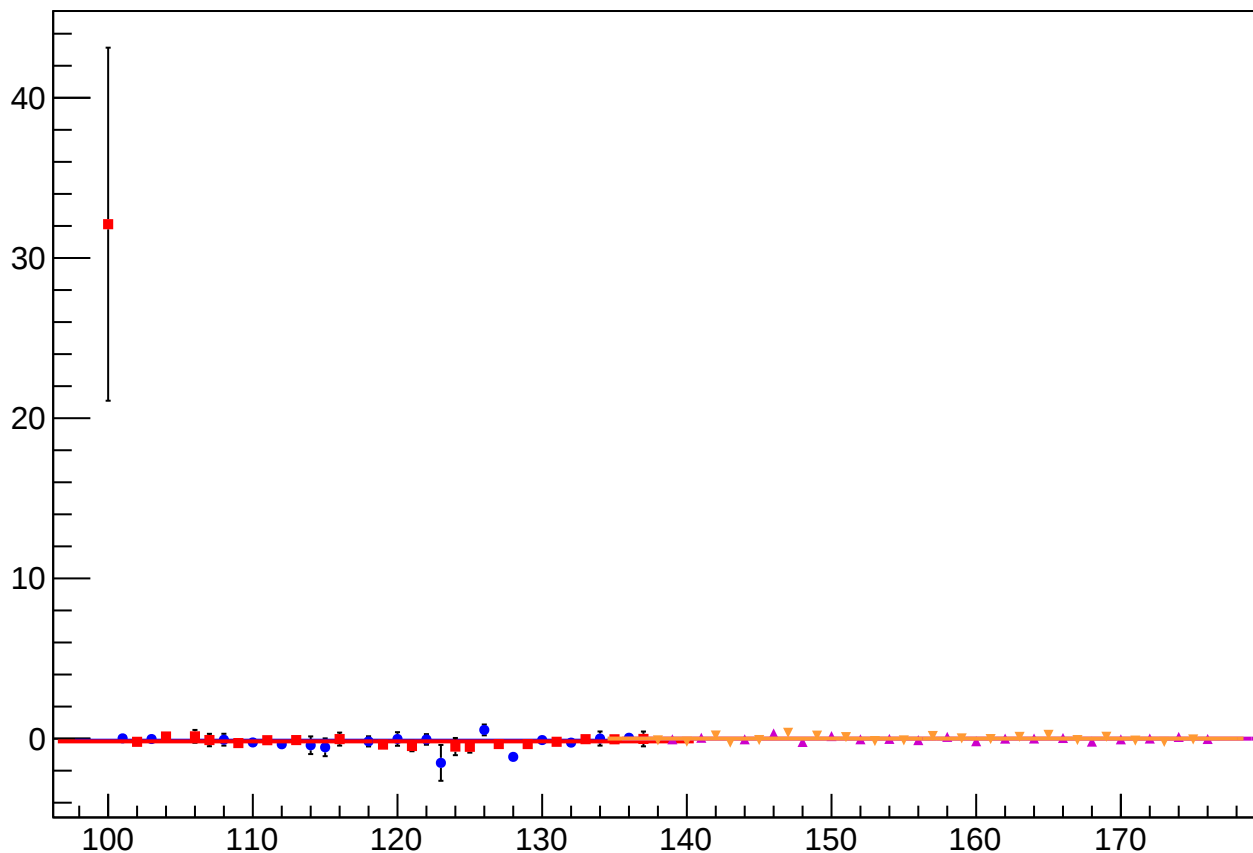
Left In: -0.119 ± 0.024 χ^2/NDF : 18.0/18

+ sign -0.043 ± 0.020 χ^2/NDF : 43.8/36

All: -0.080 ± 0.014 χ^2/NDF : 87.3/74

- sign -0.120 ± 0.021 χ^2/NDF : 36.3/37

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.1/16

Left Out: 0.003 ± 0.032 χ^2/NDF : 24.8/19

Right Out: -0.172 ± 0.071 χ^2/NDF : 14.9/18

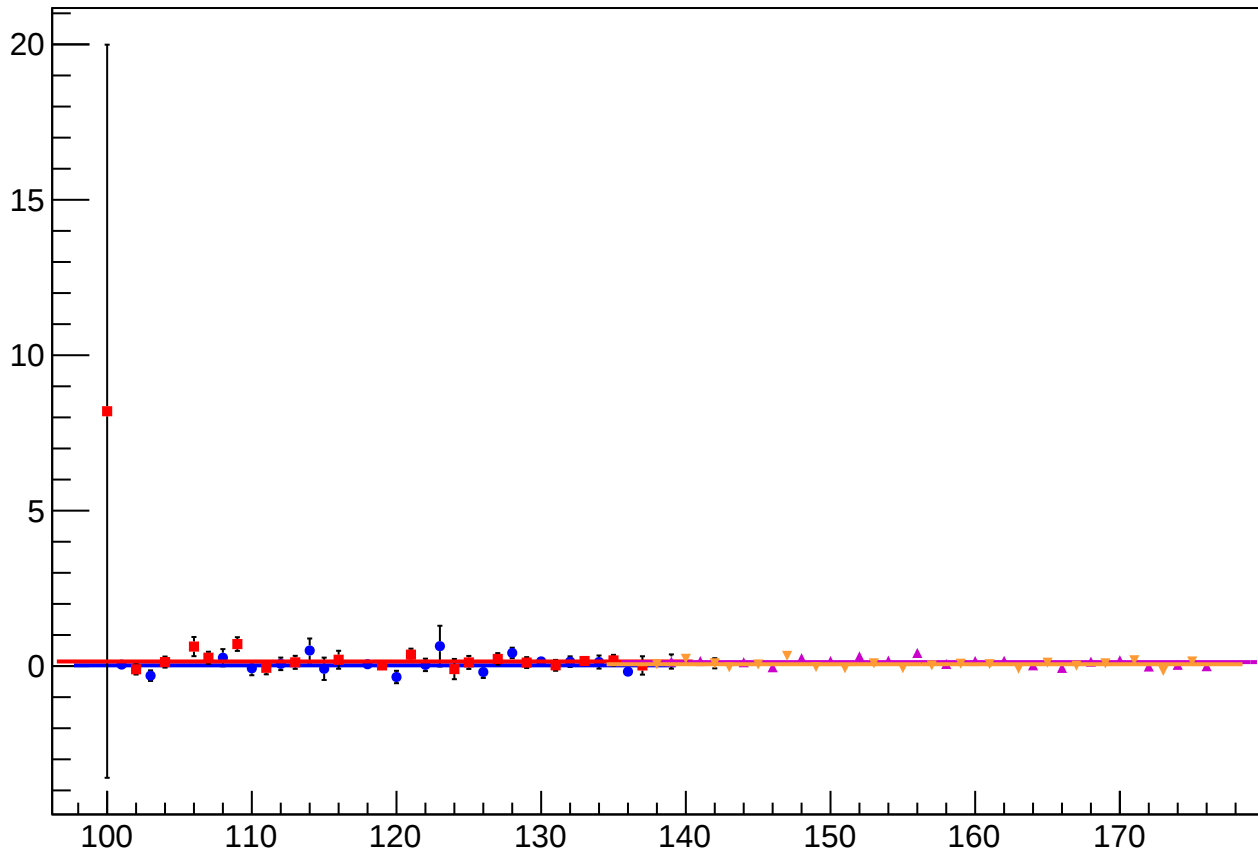
Left In: -0.002 ± 0.032 χ^2/NDF : 14.8/18

+ sign -0.021 ± 0.029 χ^2/NDF : 51.1/36

All: -0.026 ± 0.020 χ^2/NDF : 85.7/74

- sign -0.030 ± 0.029 χ^2/NDF : 34.6/37

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.023 ± 0.043 χ^2/NDF : 21.3/16

Left Out: 0.059 ± 0.027 χ^2/NDF : 20.5/19

Right Out: 0.148 ± 0.045 χ^2/NDF : 16.6/18

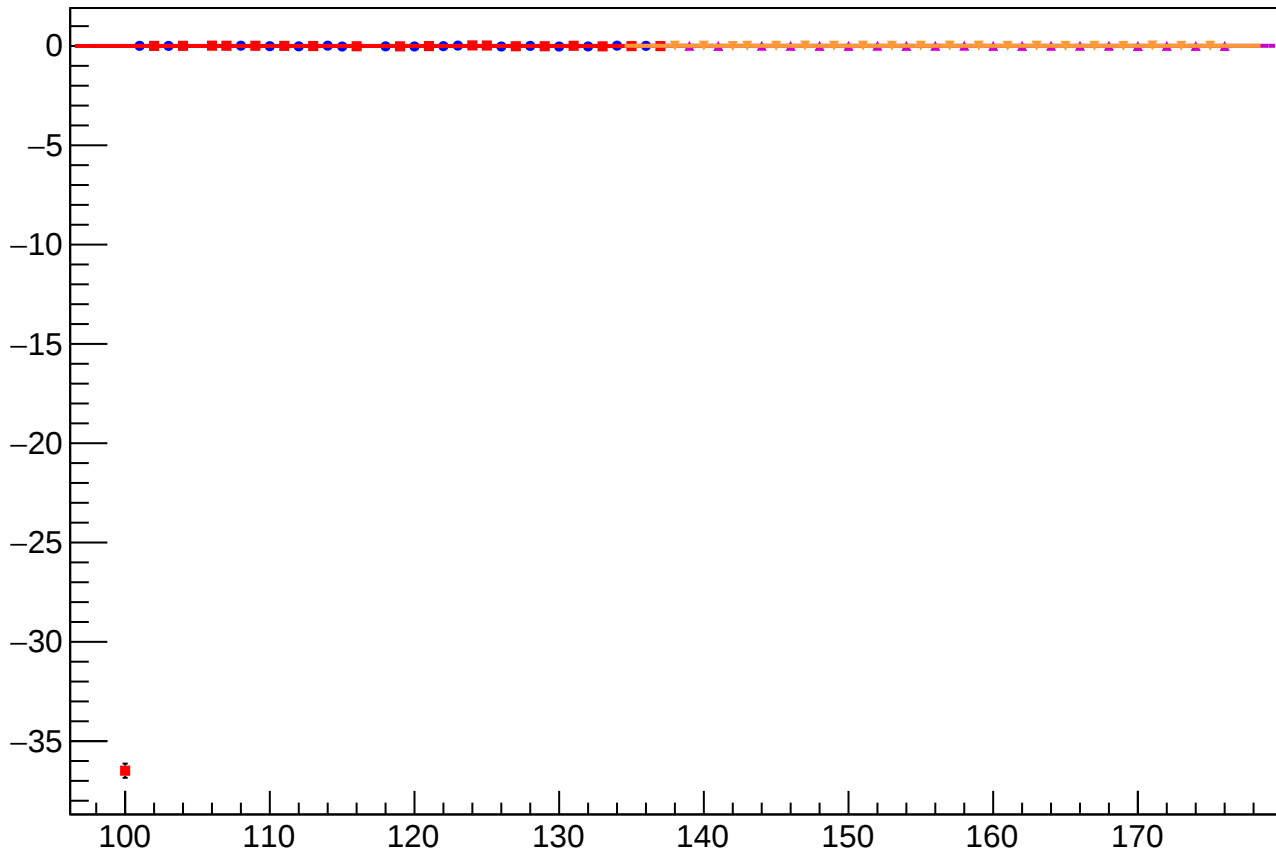
Left In: 0.128 ± 0.028 χ^2/NDF : 18.6/18

+ sign 0.049 ± 0.023 χ^2/NDF : 42.3/36

All: 0.090 ± 0.016 χ^2/NDF : 84.3/74

- sign 0.133 ± 0.024 χ^2/NDF : 35.4/37

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 30.6/16

Left Out: 0.009 $\pm$ 0.001 χ^2 /NDF: 18.7/19

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

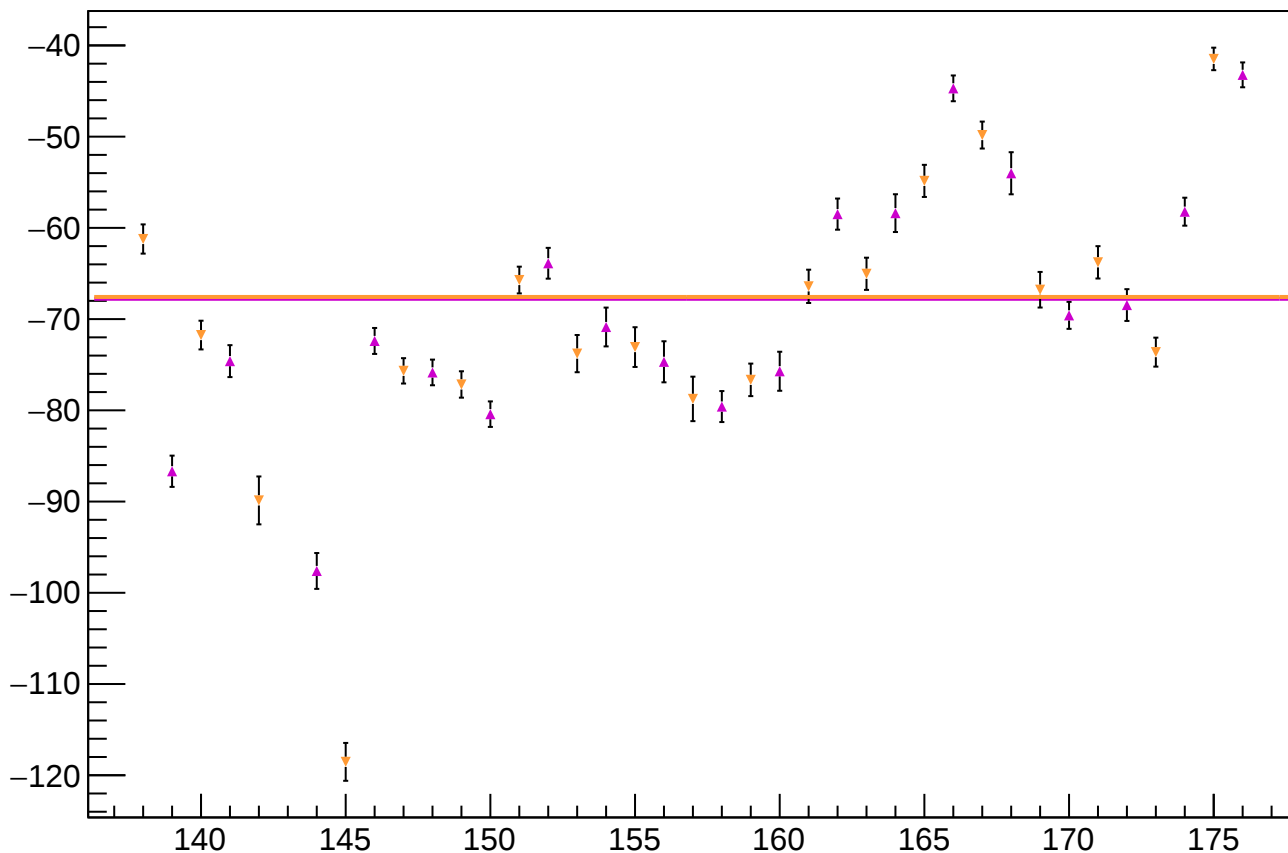
Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 12.0/18

+ sign 0.008 $\pm$ 0.001 χ^2 /NDF: 59.2/36

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10531.3/74

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10472.2/37

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -67.572+/-0.389 χ^2 /NDF:1505.9/18

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

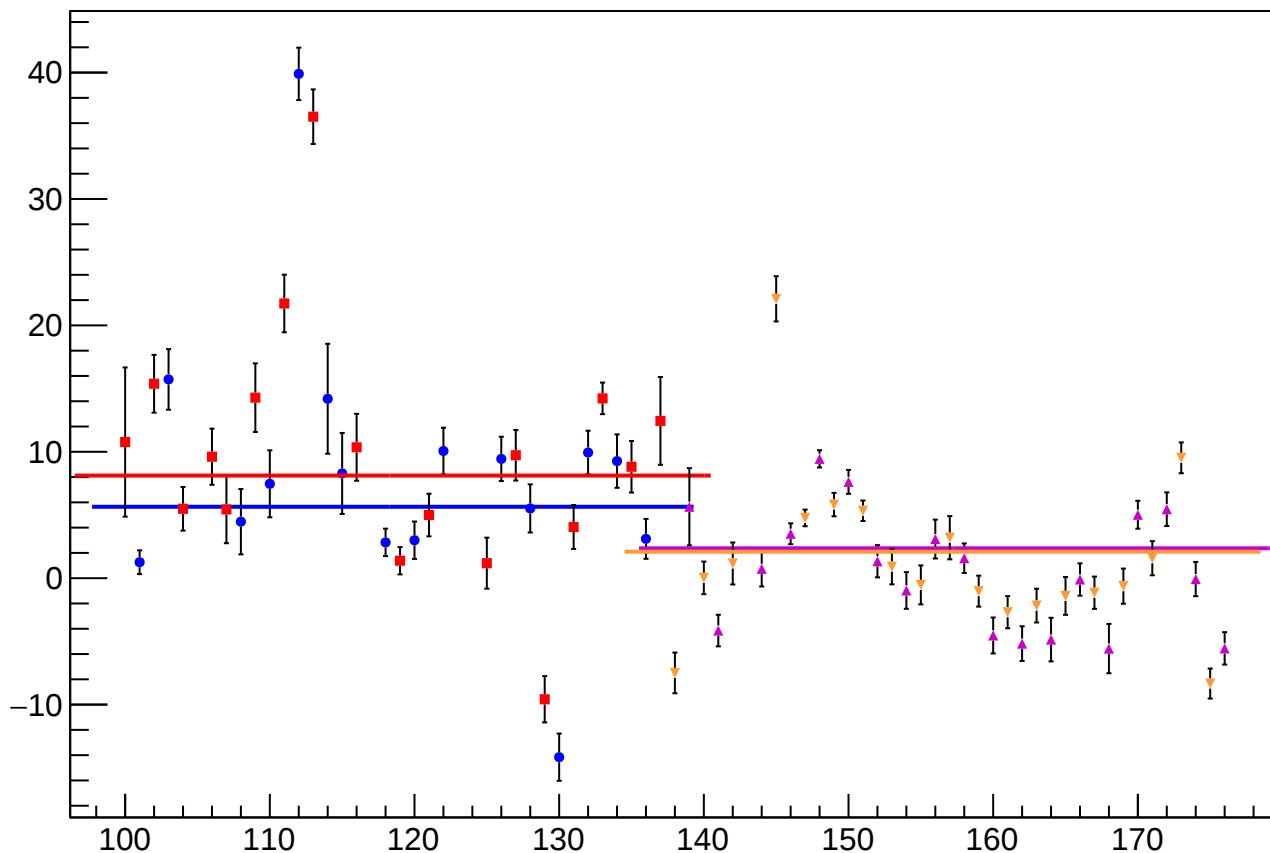
Left In: -67.772+/-0.384 χ^2 /NDF:1288.7/18

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -67.674+/-0.273 χ^2 /NDF: 2794.7/37

- 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: 2.095 ± 0.274 χ^2/NDF : 377.1/18

Right Out: 8.119 ± 0.453 χ^2/NDF : 407.9/17

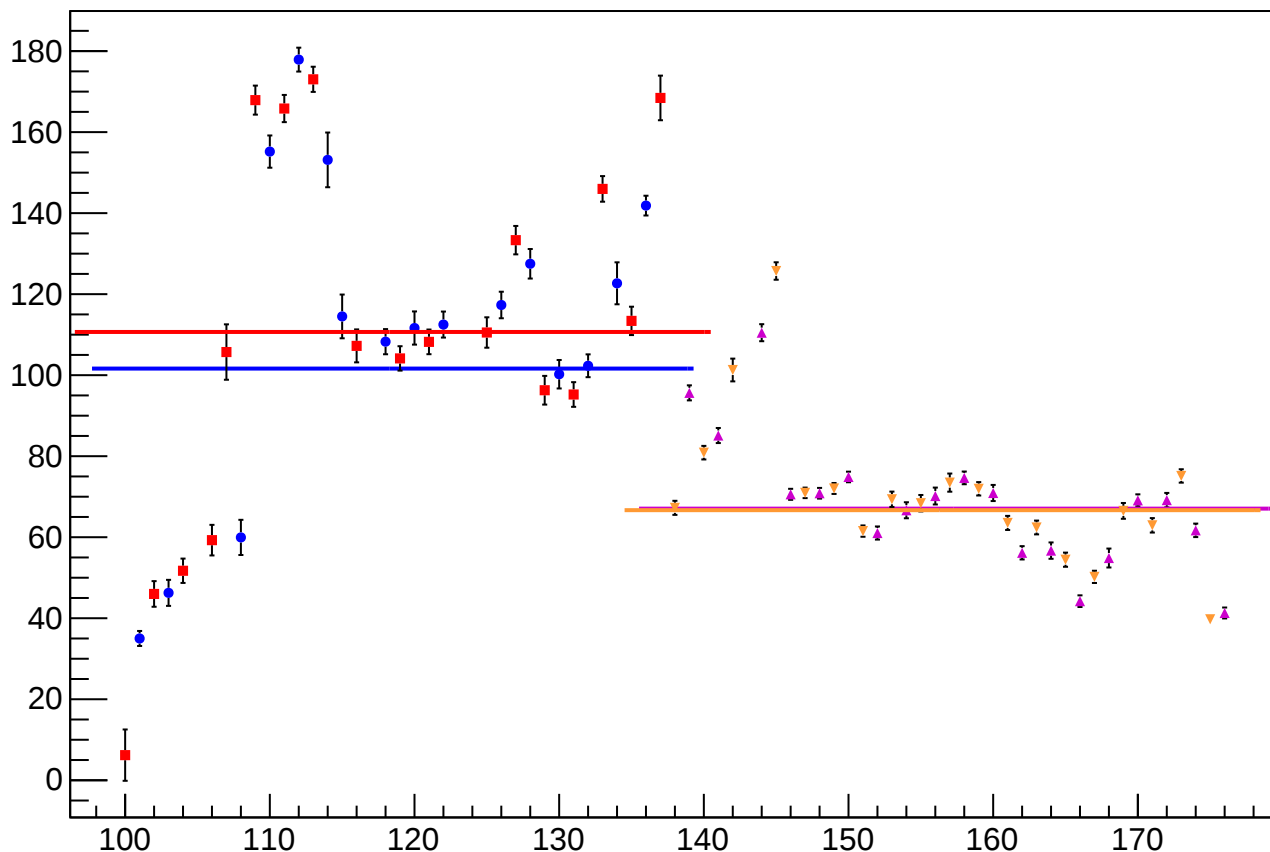
Left In: 2.365 ± 0.277 χ^2/NDF : 321.0/18

+ sign 3.127 ± 0.231 χ^2/NDF : 887.7/34

All: 3.522 ± 0.165 χ^2/NDF : 1740.1/71

- sign 3.934 ± 0.236 χ^2/NDF : 846.4/36

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.630 $\pm$ 0.812 χ^2 /NDF: 2980.2/15

Left Out: 66.677 $\pm$ 0.383 χ^2 /NDF:1722.9/18

Right Out: 110.669 $\pm$ 0.836 χ^2 /NDF: 2514.0/17

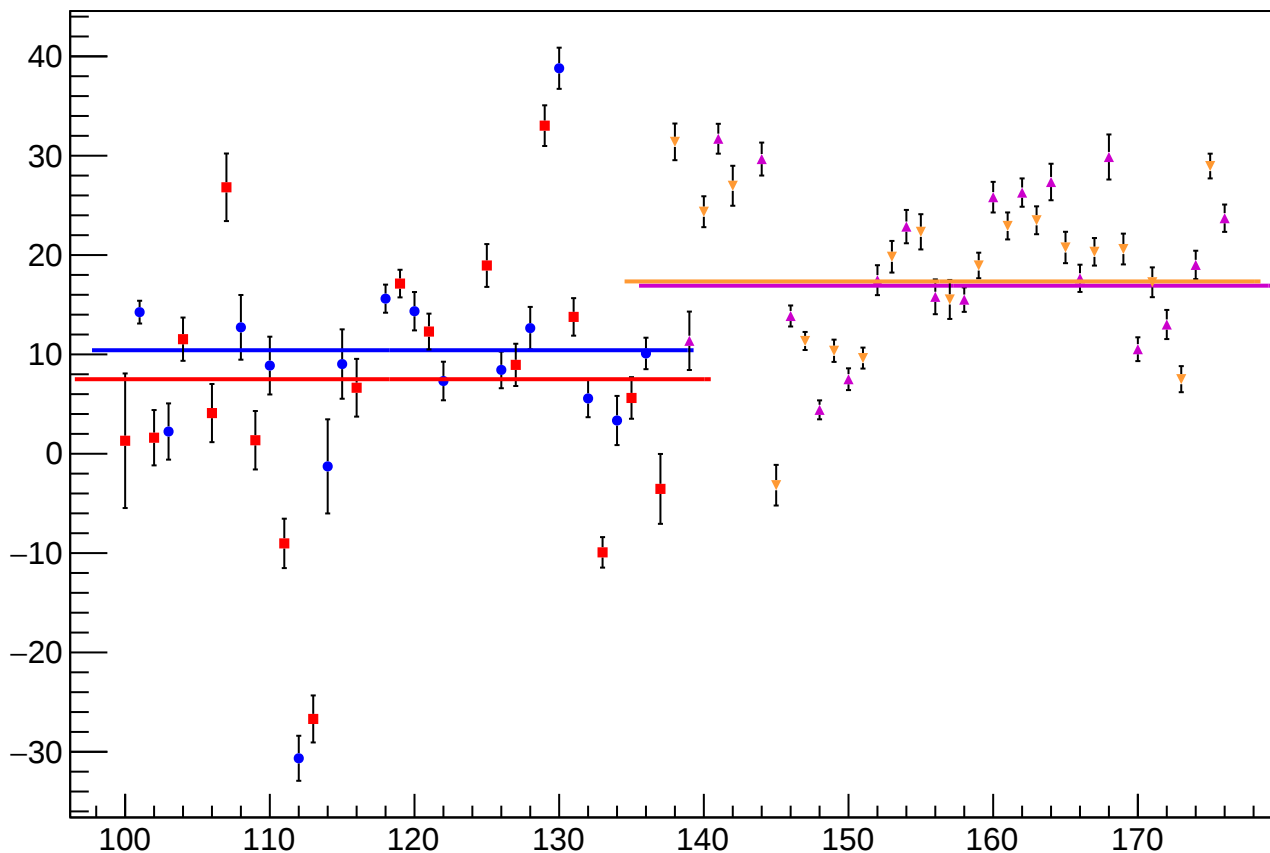
Left In: 67.057 $\pm$ 0.378 χ^2 /NDF:1579.8/18

+ sign 73.044 $\pm$ 0.347 χ^2 /NDF: 6218.2/34

All: 73.756 $\pm$ 0.244 χ^2 /NDF: 12579.5/71

- sign 74.460 $\pm$ 0.344 χ^2 /NDF: 6352.8/36

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.420 ± 0.497 $\chi^2/\text{NDF}: 579.7/15$

Left Out: 17.345 ± 0.321 $\chi^2/\text{NDF}: 543.2/18$

Right Out: 7.502 ± 0.523 $\chi^2/\text{NDF}: 689.4/17$

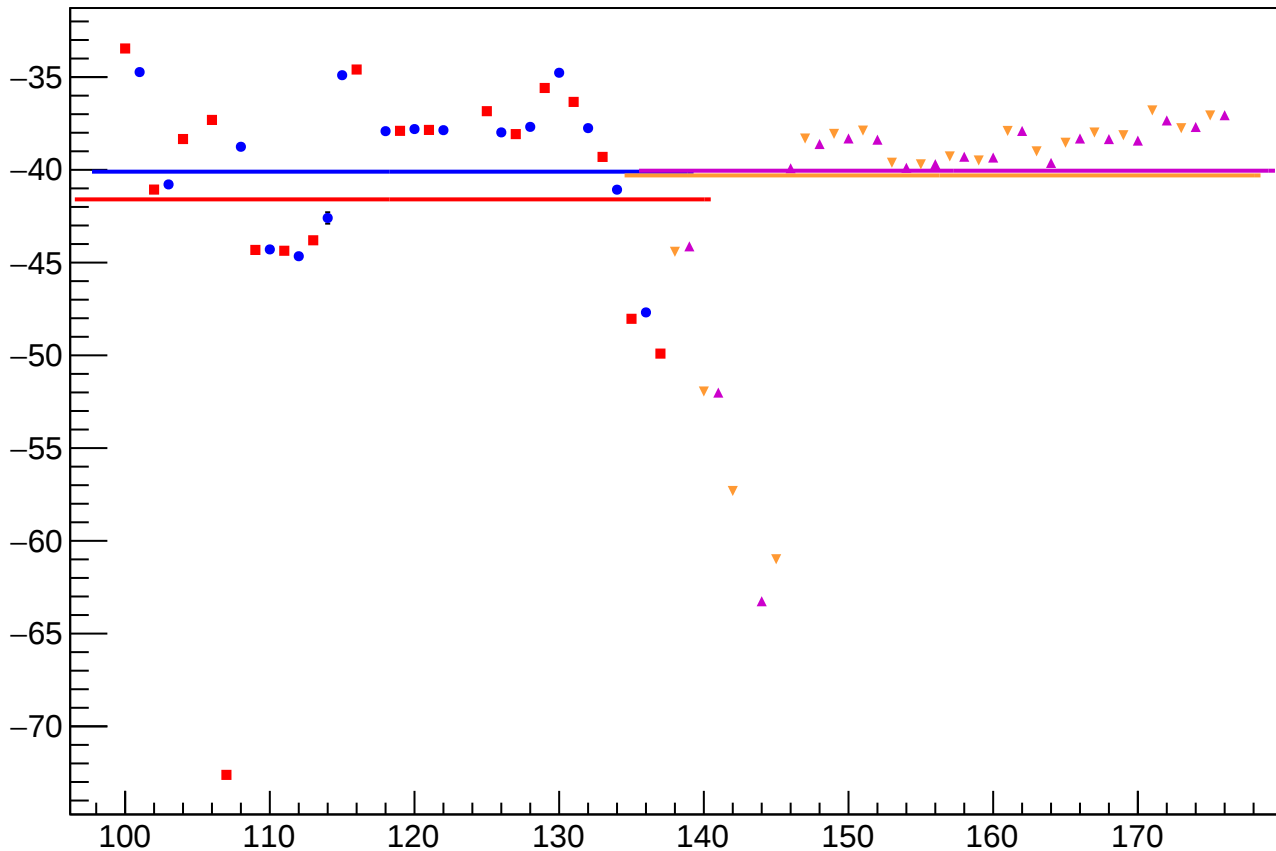
Left In: 16.917 ± 0.322 $\chi^2/\text{NDF}: 631.7/18$

+ sign 15.312 ± 0.269 $\chi^2/\text{NDF}: 1259.9/34$

All: 14.830 ± 0.192 $\chi^2/\text{NDF}: 2822.4/71$

- sign 14.331 ± 0.274 $\chi^2/\text{NDF}: 1556.0/36$

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.098 ± 0.028 $\chi^2/\text{NDF}: 25073.4/15$

Left Out: -40.301 ± 0.015 $\chi^2/\text{NDF}: 127384.8/18$

Right Out: -41.592 ± 0.029 $\chi^2/\text{NDF}: 61677.7/17$

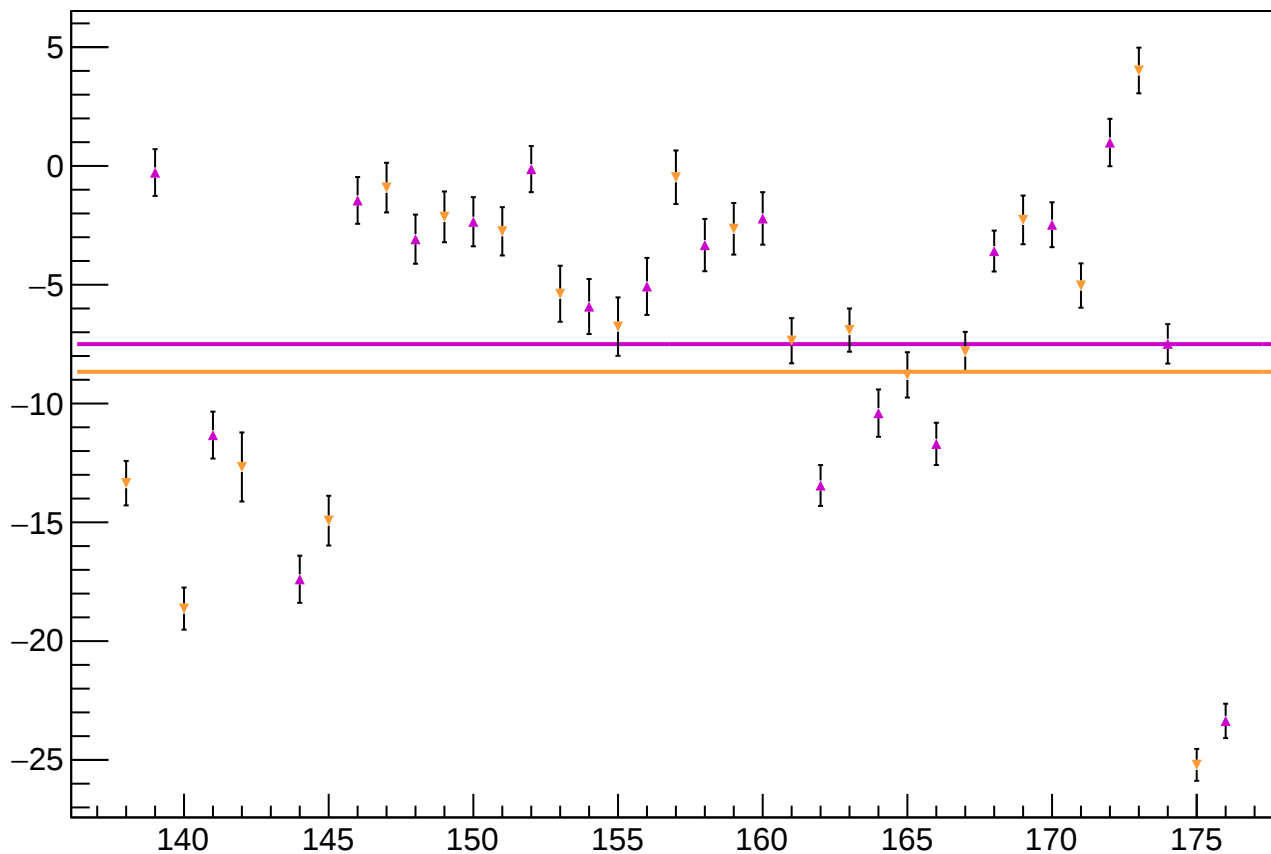
Left In: -40.047 ± 0.015 $\chi^2/\text{NDF}: 103995.3/18$

+ sign -40.255 ± 0.014 $\chi^2/\text{NDF}: 152497.7/34$

All: -40.318 ± 0.009 $\chi^2/\text{NDF}: 320507.0/71$

- sign -40.379 ± 0.013 $\chi^2/\text{NDF}: 167966.0/36$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -8.664 $\pm$ 0.224 χ^2 /NDF:1257.3/18

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

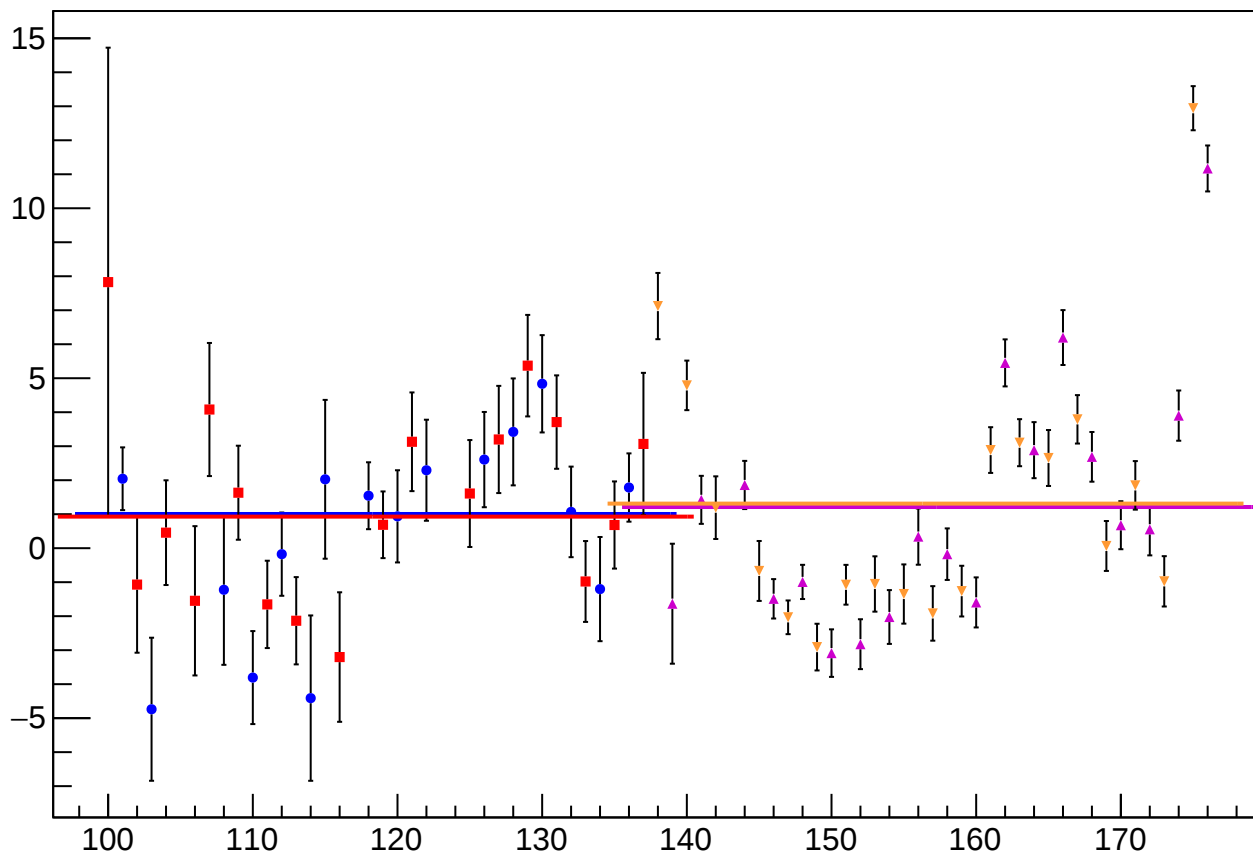
Left In: -7.500 $\pm$ 0.220 χ^2 /NDF:1030.4/18

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

All: -8.071 $\pm$ 0.157 χ^2 /NDF: 2301.4/37

- 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 $\chi^2/\text{NDF}: 42.7/15$

Left Out: 1.311 ± 0.166 $\chi^2/\text{NDF}: 570.4/18$

Right Out: 0.929 ± 0.353 $\chi^2/\text{NDF}: 41.9/17$

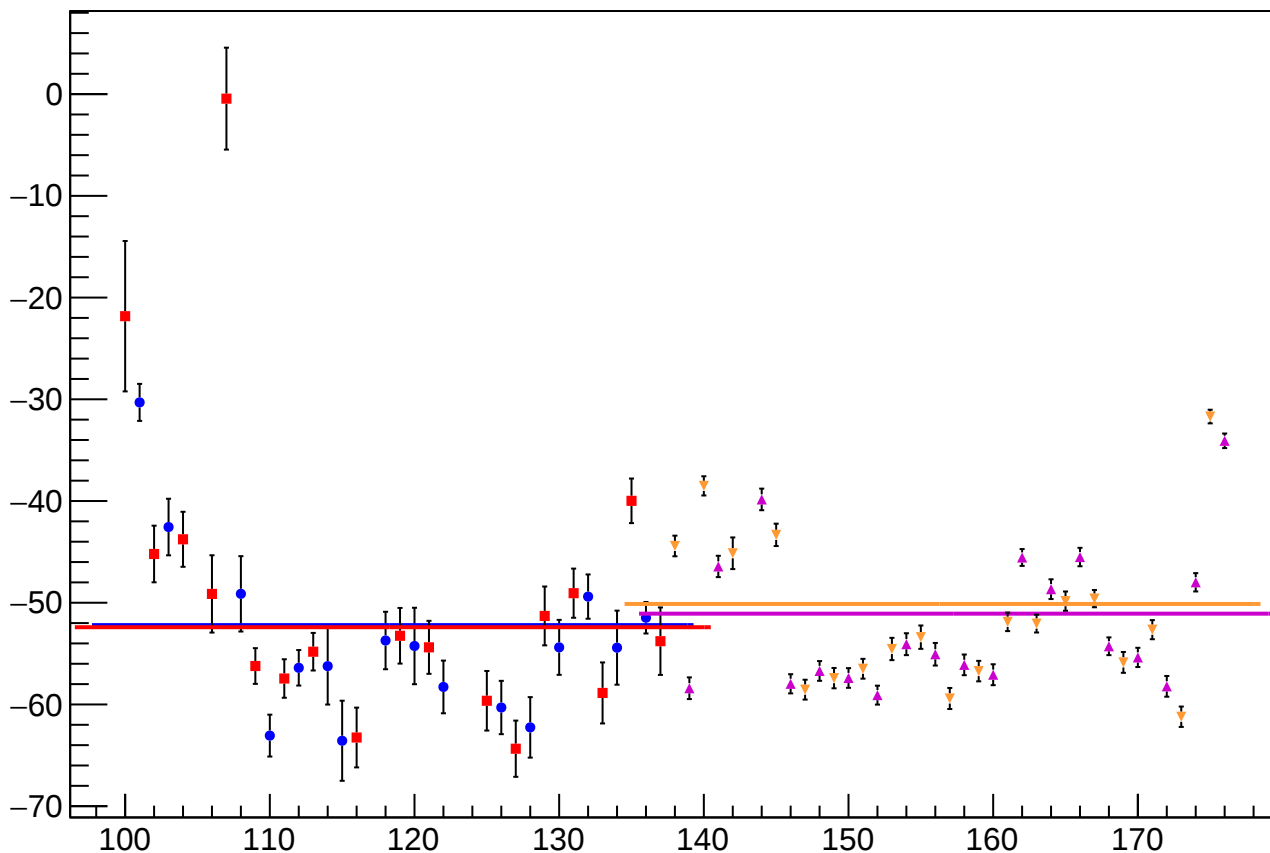
Left In: 1.211 ± 0.166 $\chi^2/\text{NDF}: 463.6/18$

+ sign 1.253 ± 0.149 $\chi^2/\text{NDF}: 613.8/34$

All: 1.207 ± 0.106 $\chi^2/\text{NDF}: 1120.0/71$

- sign 1.160 ± 0.150 $\chi^2/\text{NDF}: 506.0/36$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.200 ± 0.615 χ^2/NDF : 230.6/15

Left Out: -50.120 ± 0.222 χ^2/NDF : 1474.7/18

Right Out: -52.407 ± 0.616 χ^2/NDF : 233.9/17

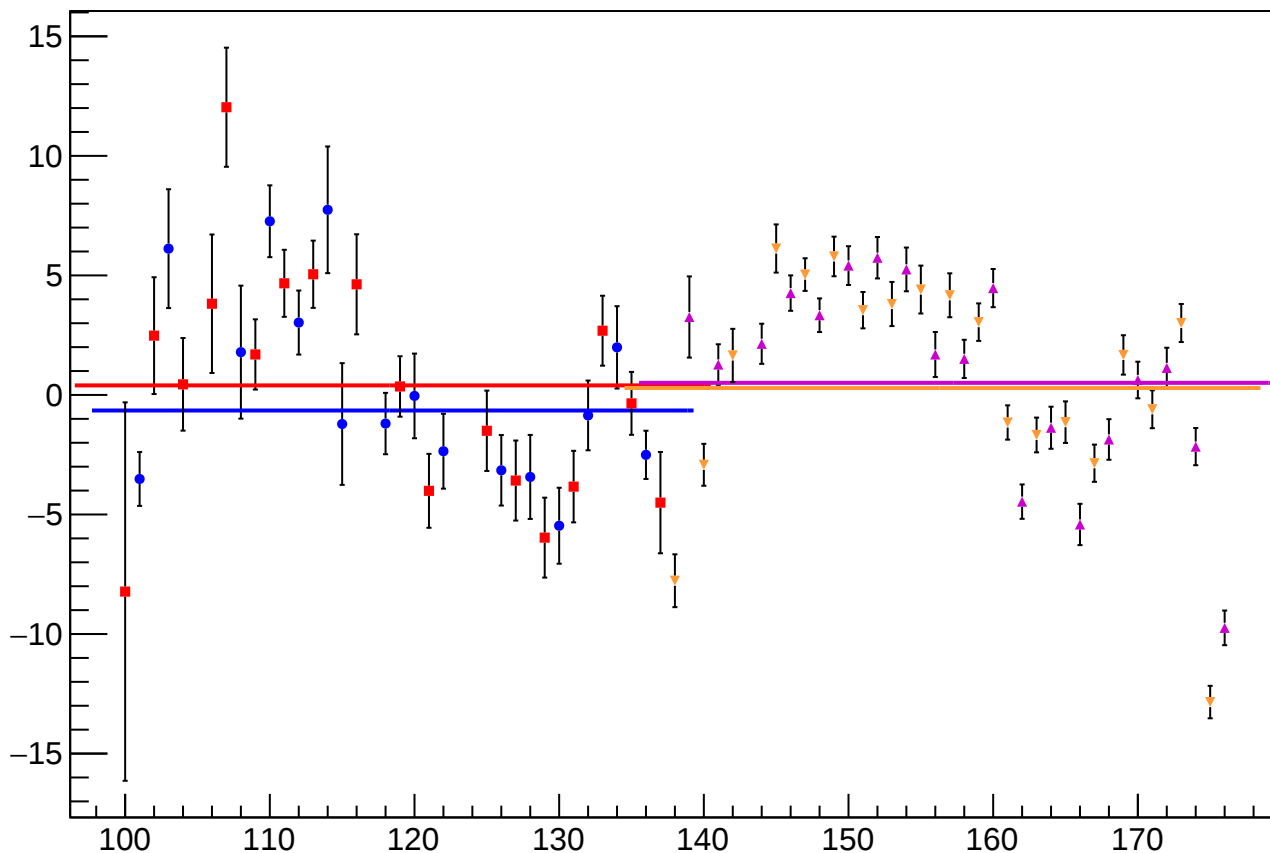
Left In: -51.073 ± 0.218 χ^2/NDF : 1208.4/18

+ sign -50.360 ± 0.209 χ^2/NDF : 1715.5/34

All: -50.798 ± 0.147 χ^2/NDF : 3170.6/71

- sign -51.222 ± 0.206 χ^2/NDF : 1446.5/36

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.651±/0.387 χ^2/NDF : 81.9/15

Left Out: 0.291±/0.190 χ^2/NDF : 694.0/18

Right Out: 0.400±/0.399 χ^2/NDF : 95.9/17

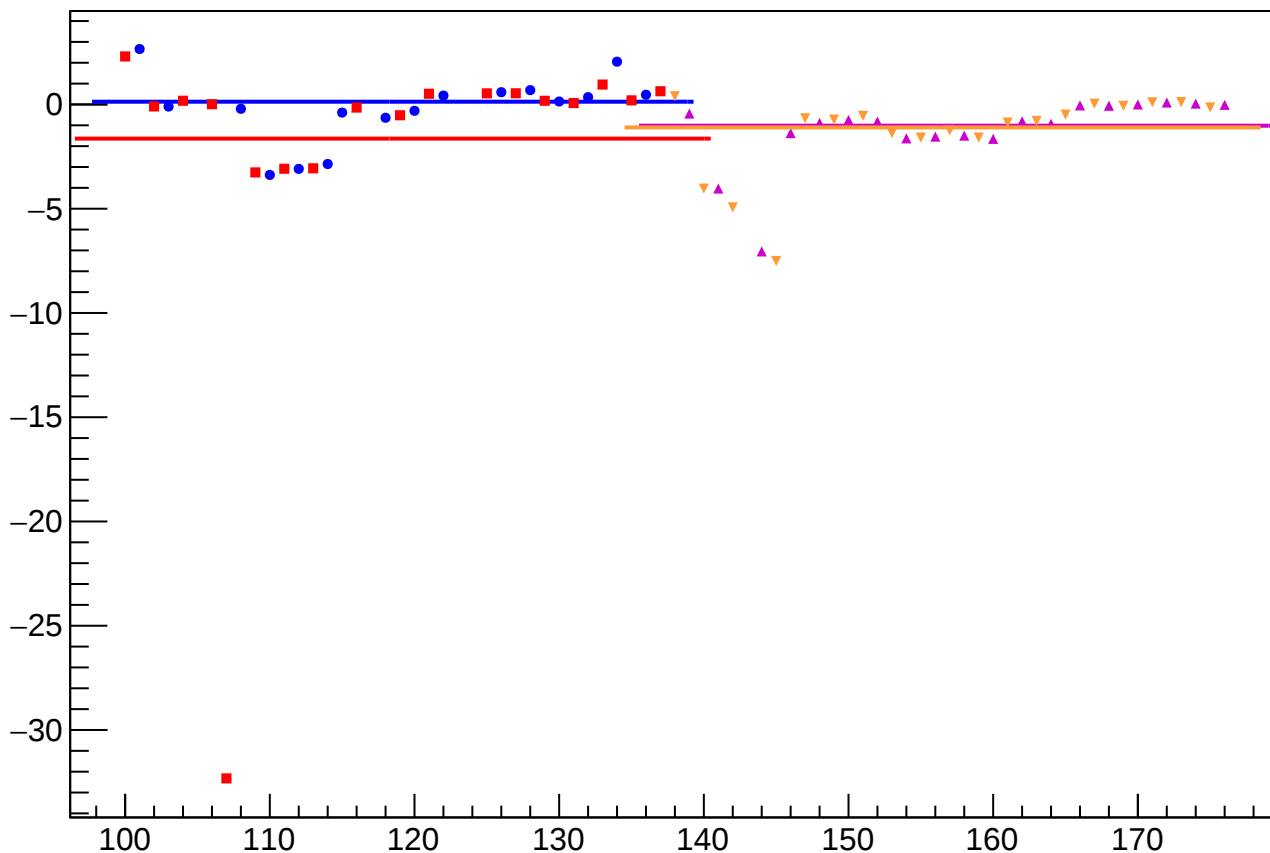
Left In: 0.506±/0.189 χ^2/NDF : 496.4/18

+ sign 0.109±/0.170 χ^2/NDF : 780.6/34

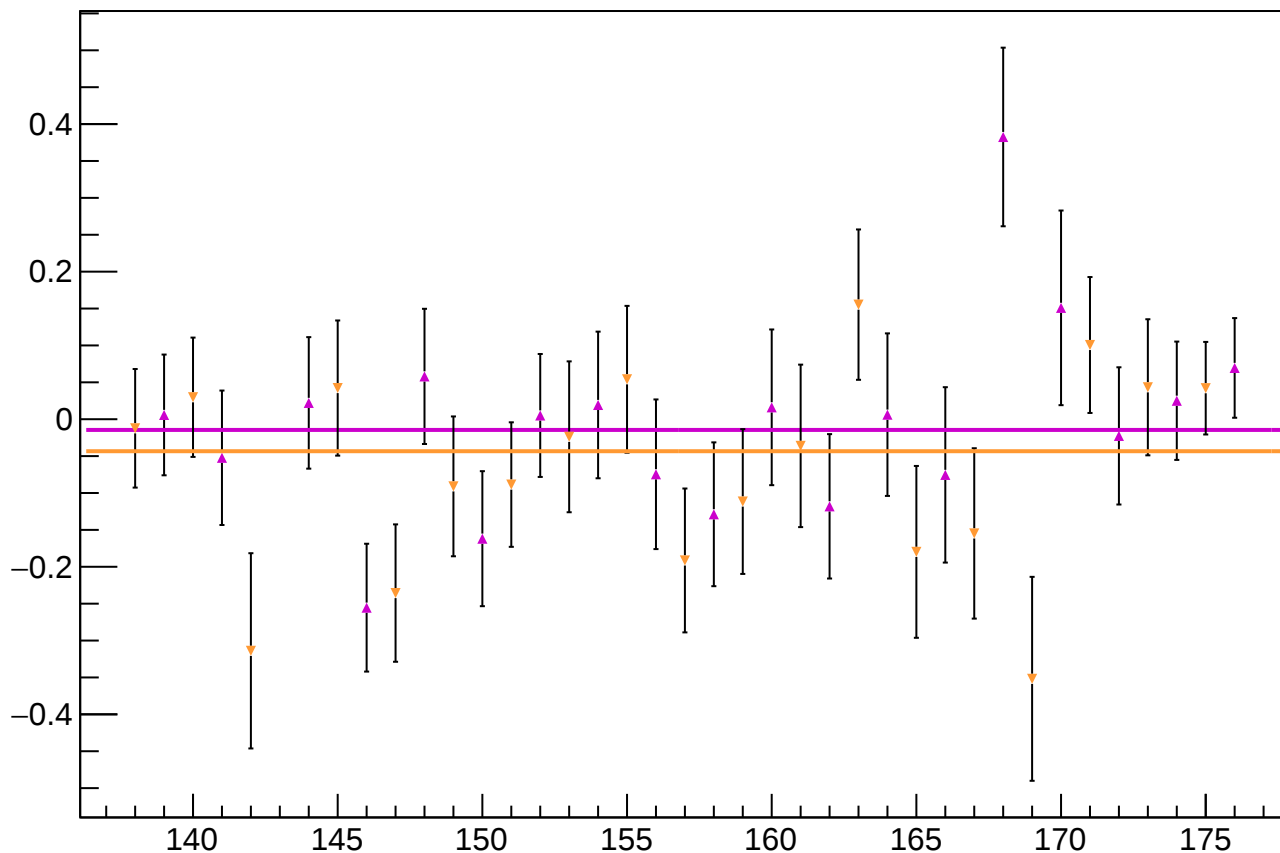
All: 0.297±/0.121 χ^2/NDF : 1375.5/71

- sign 0.487±/0.171 χ^2/NDF : 592.4/36

reg_asym_us_dd_diff_bpm12X_slope vs Slug



reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.043 $\pm$ 0.022 χ^2 /NDF: 30.9/18

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

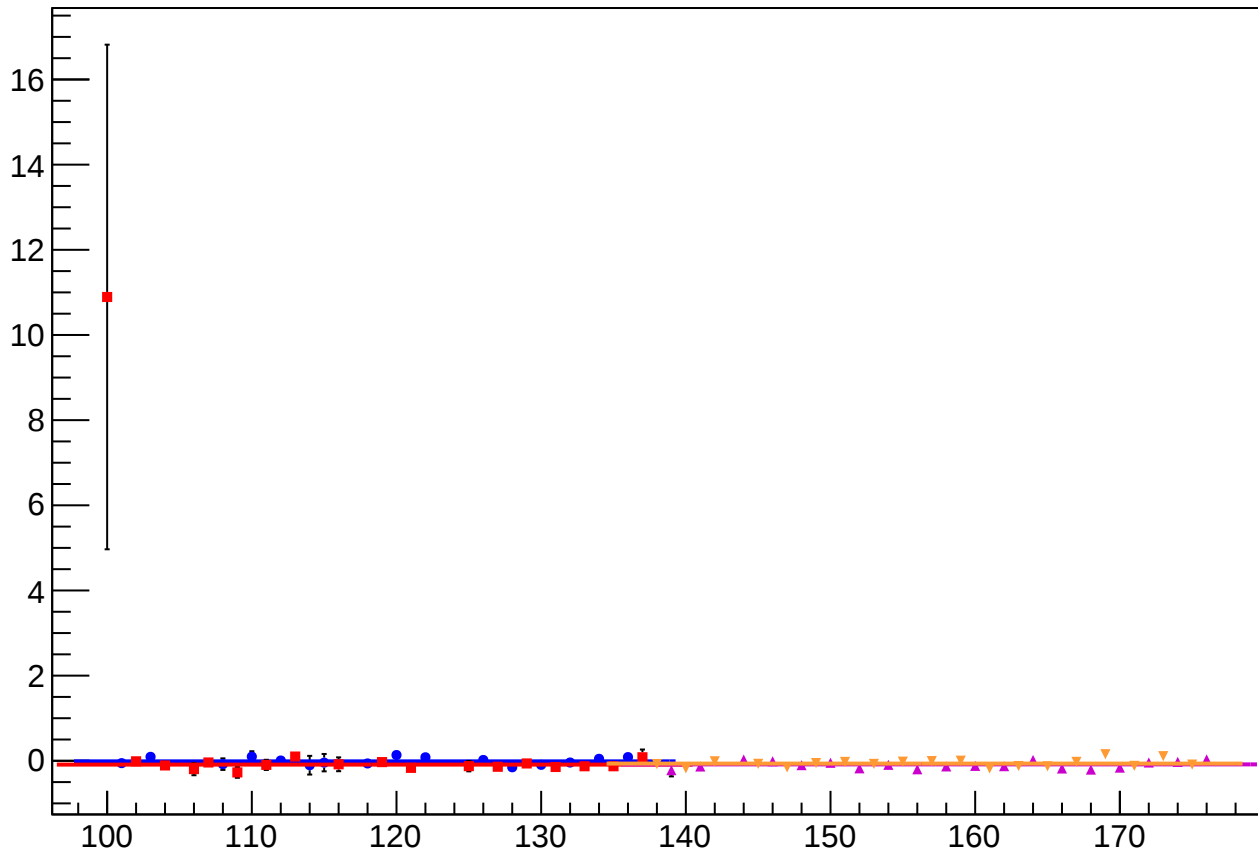
Left In: -0.015 $\pm$ 0.021 χ^2 /NDF: 28.9/18

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

All: -0.029 $\pm$ 0.015 χ^2 /NDF: 60.7/37

- 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: -0.066 ± 0.016 χ^2/NDF : 25.1/18

Right Out: -0.089 ± 0.025 χ^2/NDF : 13.0/17

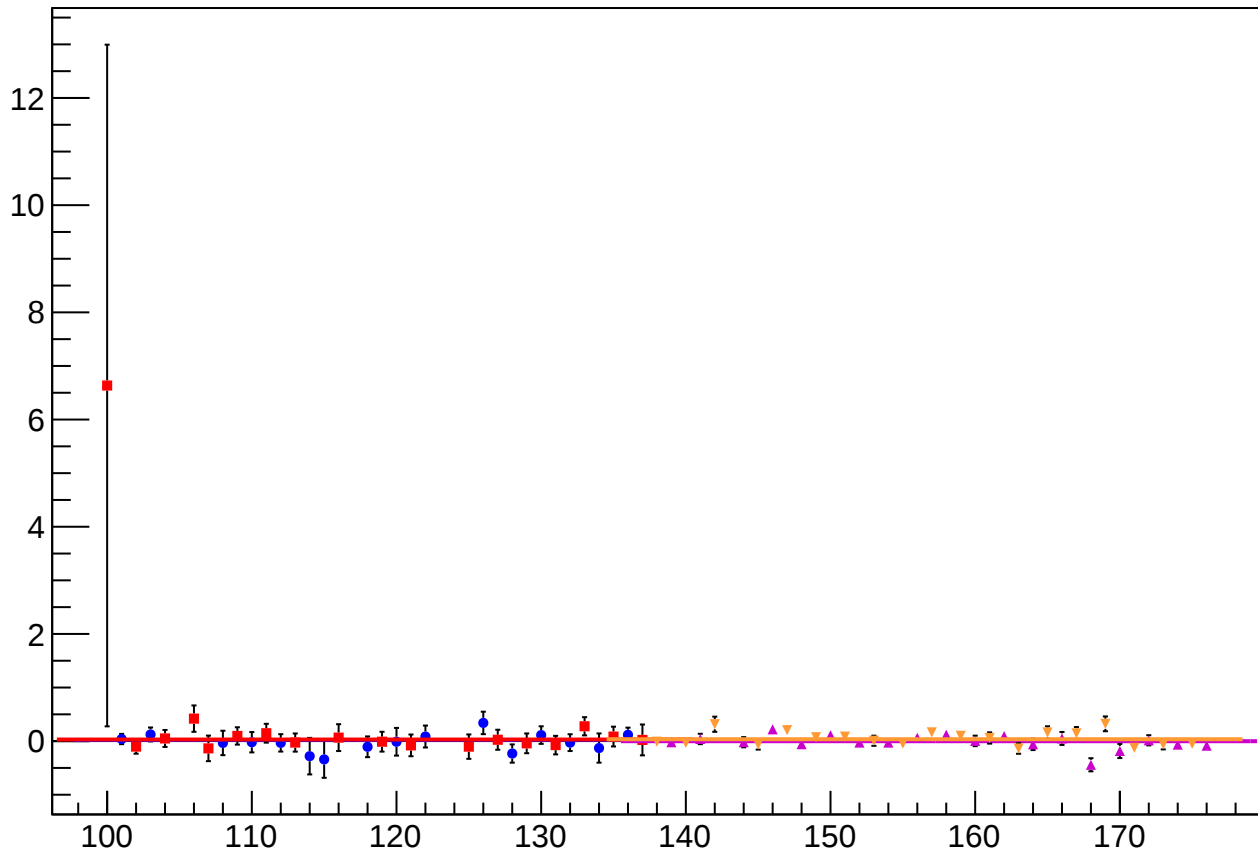
Left In: -0.084 ± 0.016 χ^2/NDF : 21.6/18

+ sign -0.049 ± 0.013 χ^2/NDF : 40.2/34

All: -0.067 ± 0.009 χ^2/NDF : 78.6/71

- sign -0.086 ± 0.013 χ^2/NDF : 34.6/36

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.020 ± 0.043 χ^2/NDF : 9.1/15

Left Out: 0.035 ± 0.021 χ^2/NDF : 28.8/18

Right Out: 0.030 ± 0.045 χ^2/NDF : 9.2/17

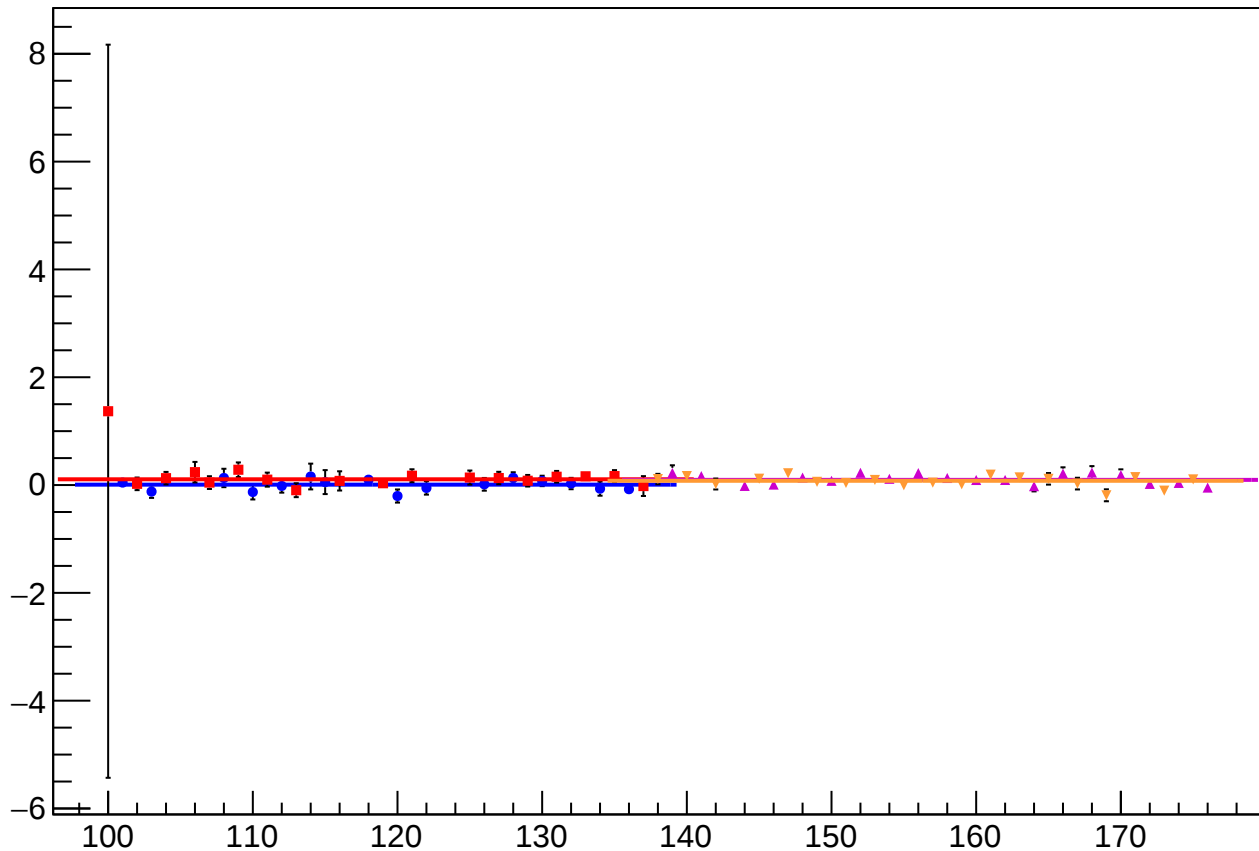
Left In: -0.001 ± 0.021 χ^2/NDF : 30.4/18

+ sign 0.032 ± 0.019 χ^2/NDF : 38.0/34

All: 0.018 ± 0.014 χ^2/NDF : 79.1/71

- sign 0.004 ± 0.019 χ^2/NDF : 40.0/36

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 11.3/15

Left Out: 0.079 $\pm$ 0.018 χ^2 /NDF: 25.0/18

Right Out: 0.107 $\pm$ 0.029 χ^2 /NDF: 8.2/17

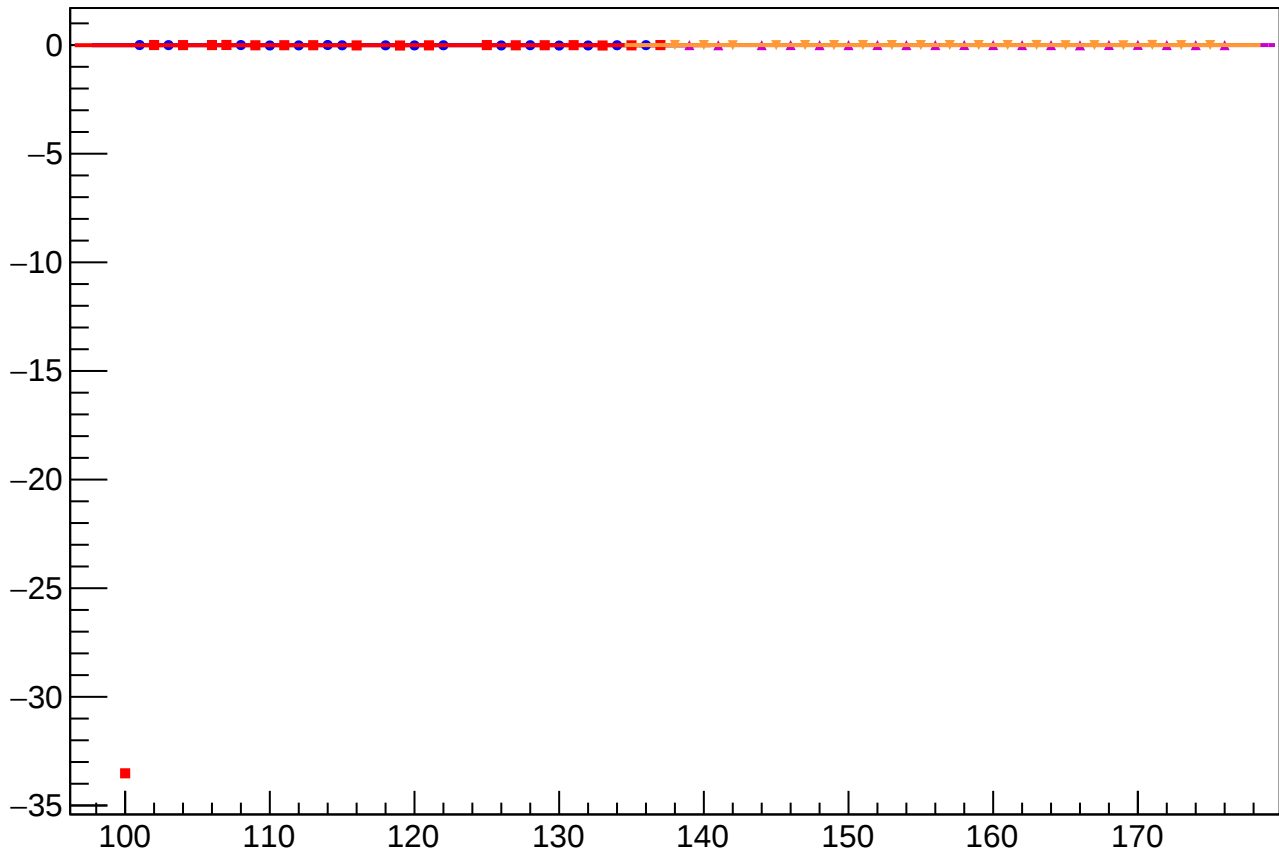
Left In: 0.096 $\pm$ 0.018 χ^2 /NDF: 22.5/18

+ sign 0.057 $\pm$ 0.015 χ^2 /NDF: 41.1/34

All: 0.078 $\pm$ 0.011 χ^2 /NDF: 75.6/71

- sign 0.099 $\pm$ 0.015 χ^2 /NDF: 30.7/36

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 : 18.6/18

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.7/17

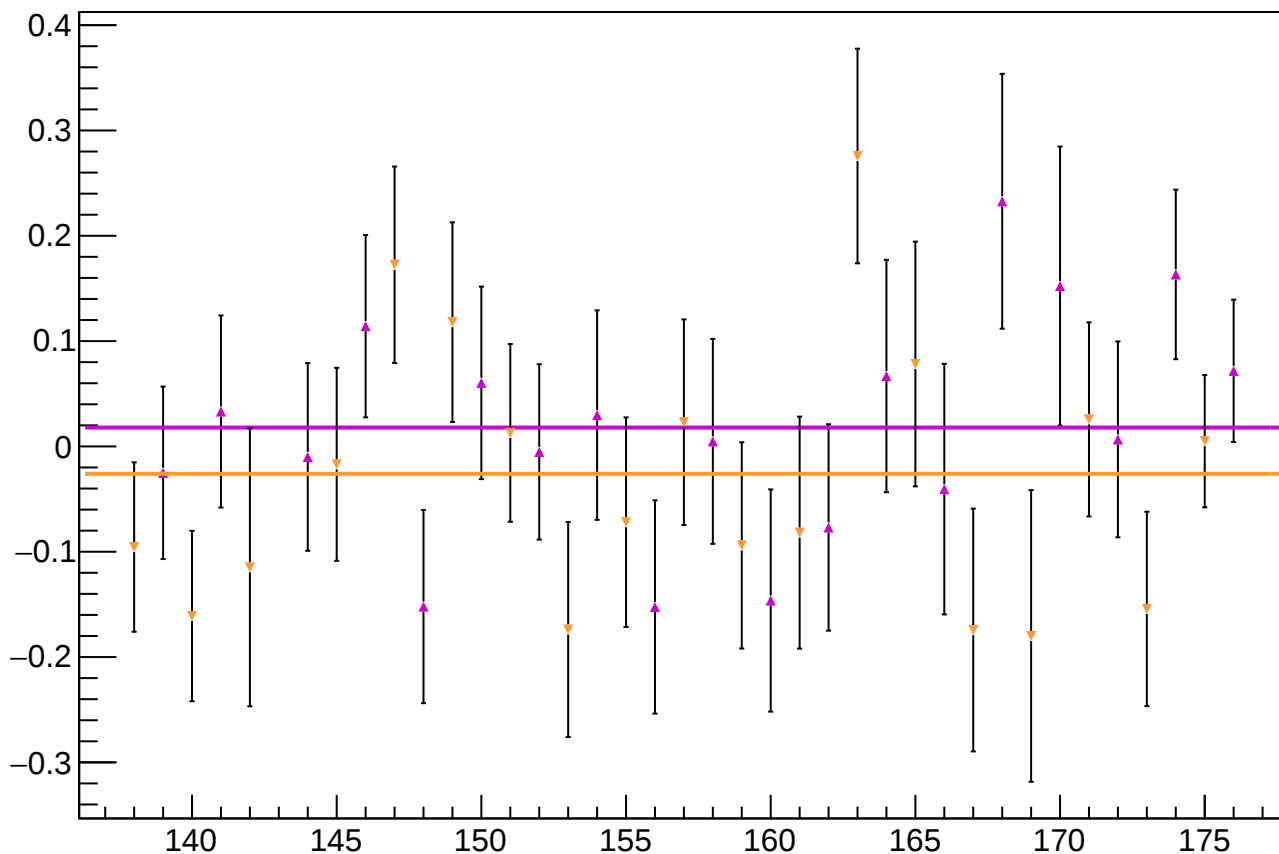
Left In: -0.000 ± 0.001 χ^2/NDF : 17.2/18

+ sign -0.001 ± 0.001 χ^2/NDF : 54.8/34

All: -0.001 ± 0.001 χ^2/NDF : 26593.6/71

- sign -0.001 ± 0.001 χ^2/NDF : 26538.2/36

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.026 $\pm$ 0.022 χ^2 /NDF: 29.3/18

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

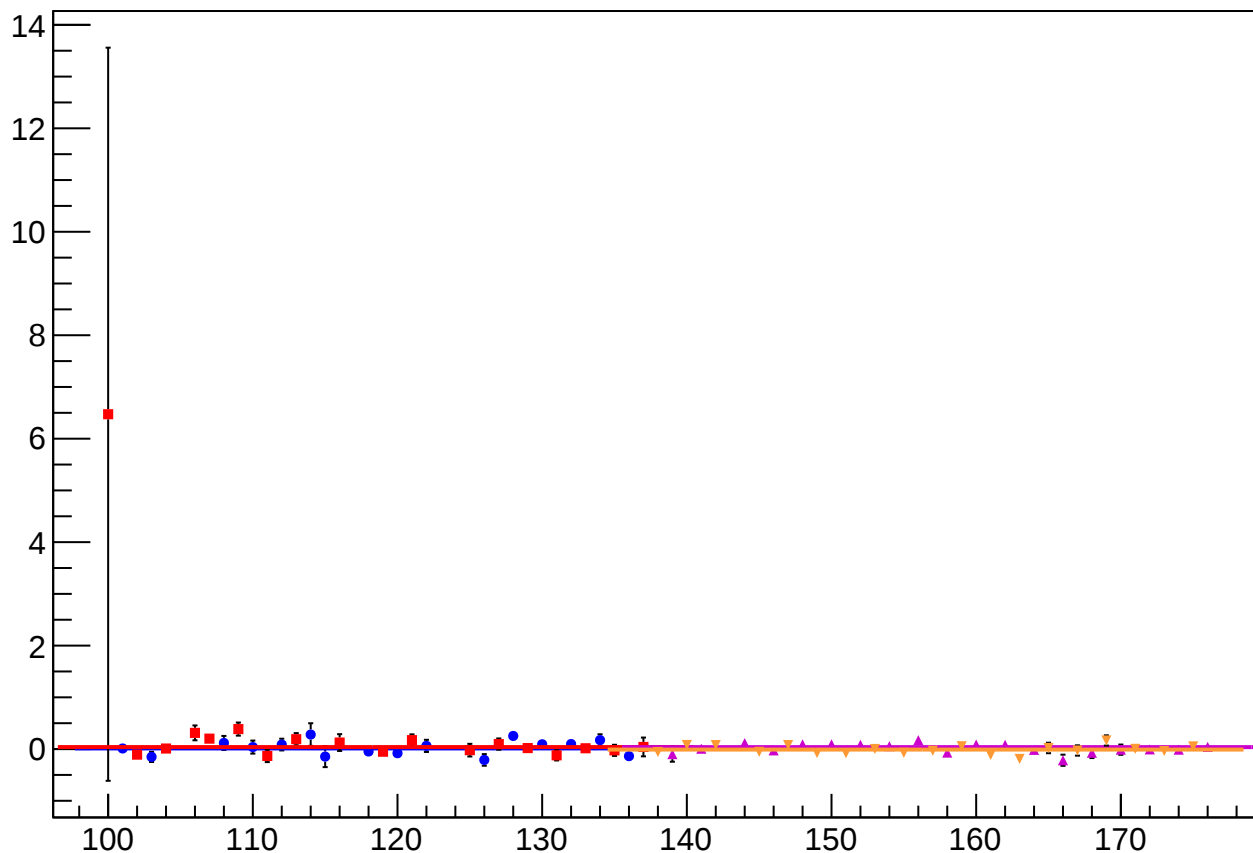
Left In: 0.018 $\pm$ 0.021 χ^2 /NDF: 20.1/18

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

All: -0.004 $\pm$ 0.015 χ^2 /NDF: 51.5/37

- 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: -0.010 ± 0.016 χ^2/NDF : 24.2/18

Right Out: 0.038 ± 0.025 χ^2/NDF : 28.4/17

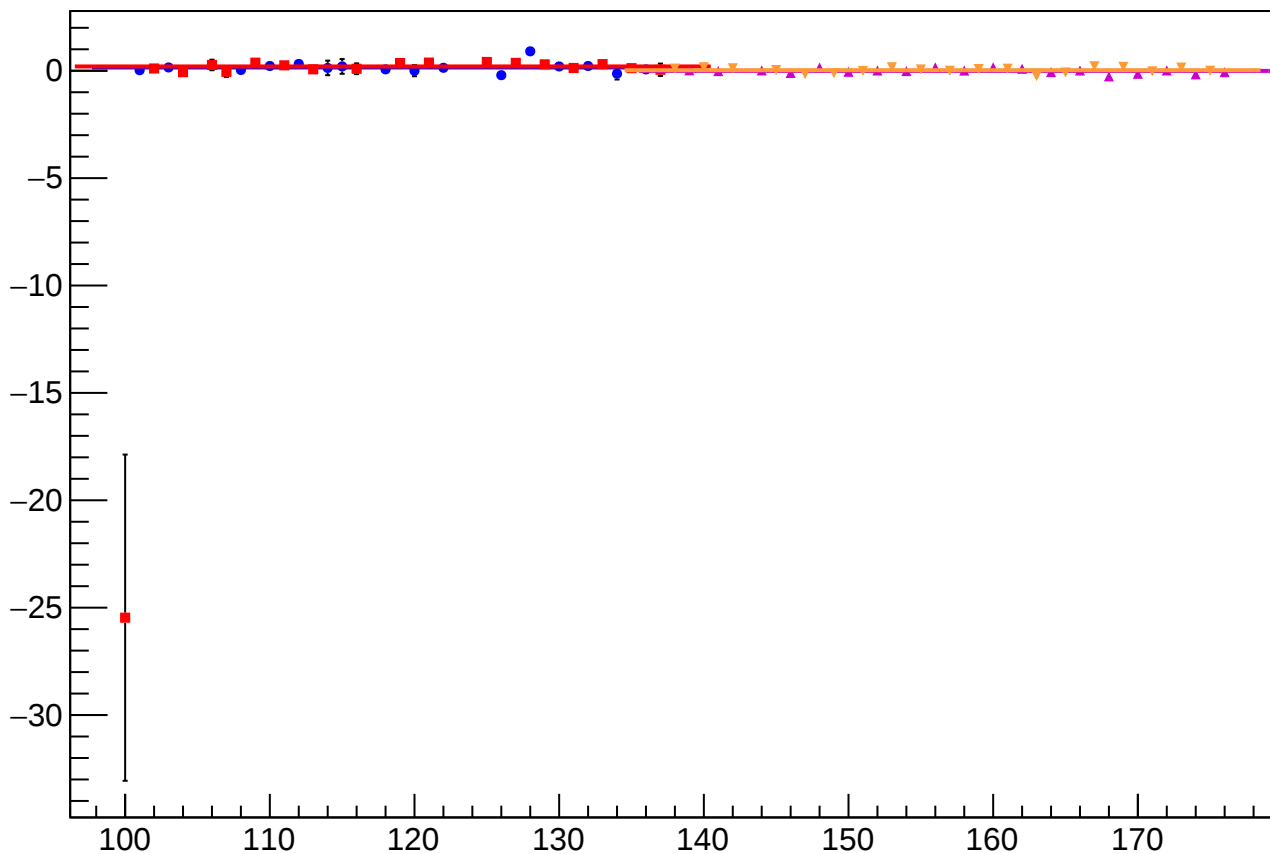
Left In: 0.037 ± 0.016 χ^2/NDF : 22.0/18

+ sign -0.003 ± 0.013 χ^2/NDF : 49.8/34

All: 0.017 ± 0.009 χ^2/NDF : 104.9/71

- sign 0.038 ± 0.013 χ^2/NDF : 50.4/36

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.154 ± 0.043 χ^2/NDF : 27.9/15

Left Out: 0.025 ± 0.021 χ^2/NDF : 28.4/18

Right Out: 0.201 ± 0.045 χ^2/NDF : 22.6/17

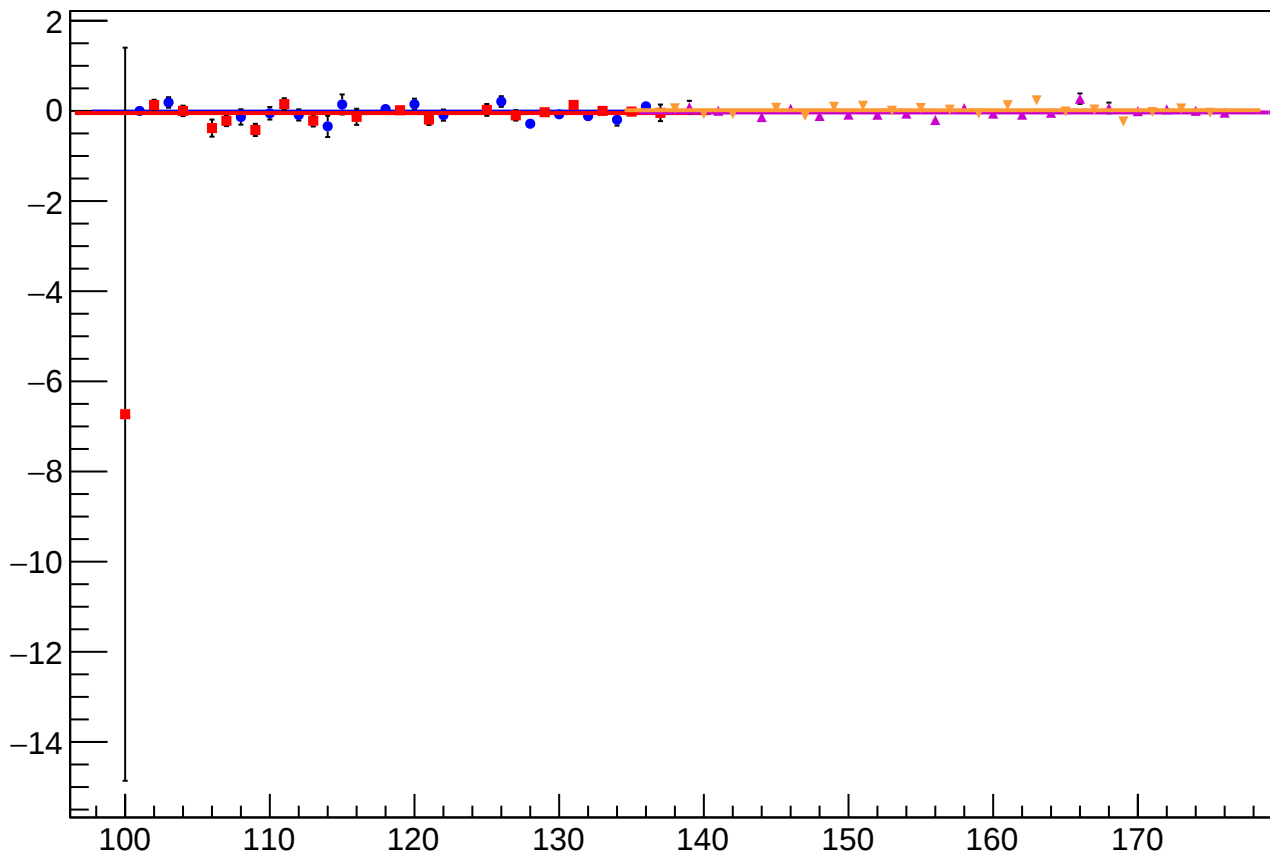
Left In: -0.007 ± 0.021 χ^2/NDF : 21.8/18

+ sign 0.051 ± 0.019 χ^2/NDF : 63.5/34

All: 0.041 ± 0.014 χ^2/NDF : 126.0/71

- sign 0.031 ± 0.019 χ^2/NDF : 61.9/36

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.016 ± 0.027 χ^2/NDF : 24.3/15

Left Out: 0.016 ± 0.018 χ^2/NDF : 27.1/18

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.9/17

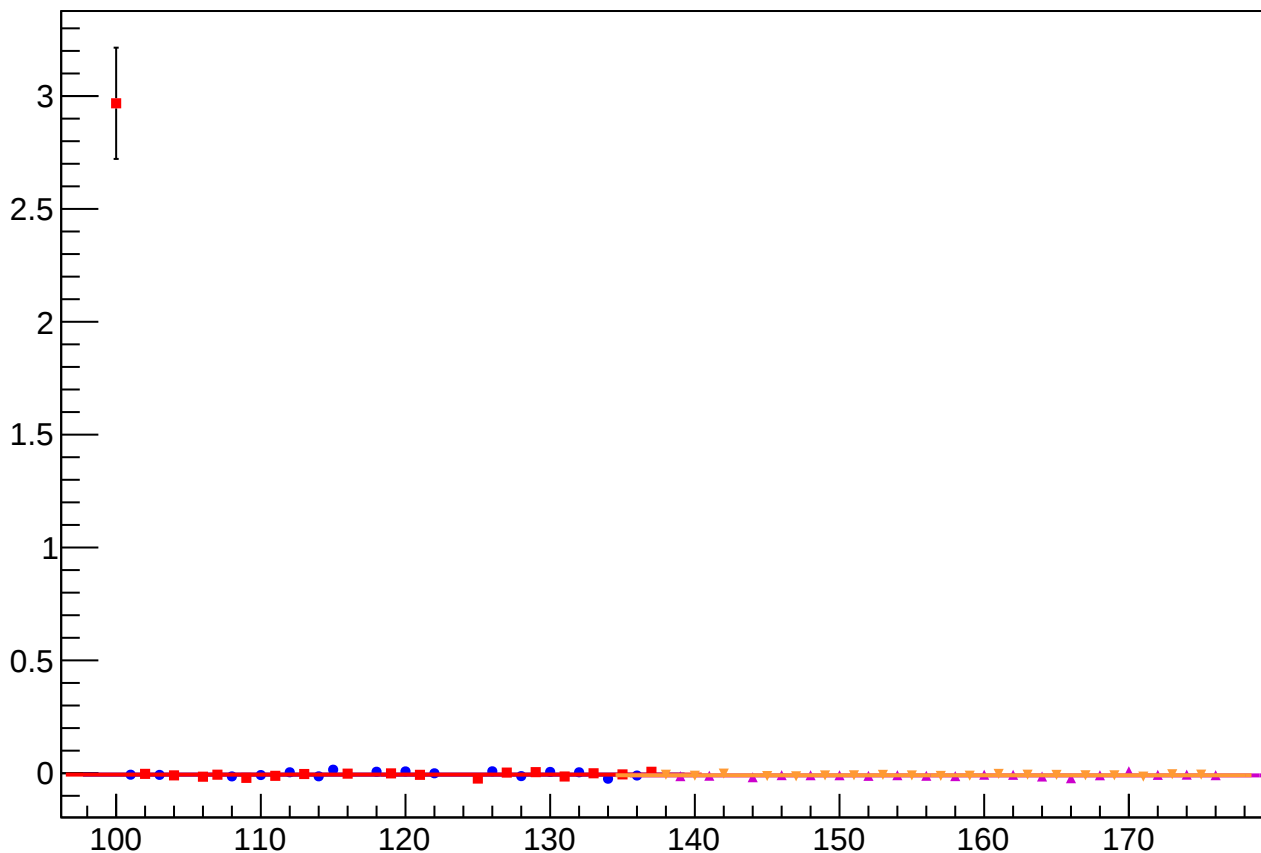
Left In: -0.034 ± 0.018 χ^2/NDF : 22.5/18

+ sign 0.006 ± 0.015 χ^2/NDF : 52.3/34

All: -0.016 ± 0.011 χ^2/NDF : 105.1/71

- sign -0.038 ± 0.015 χ^2/NDF : 48.6/36

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 : 15.1/18

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

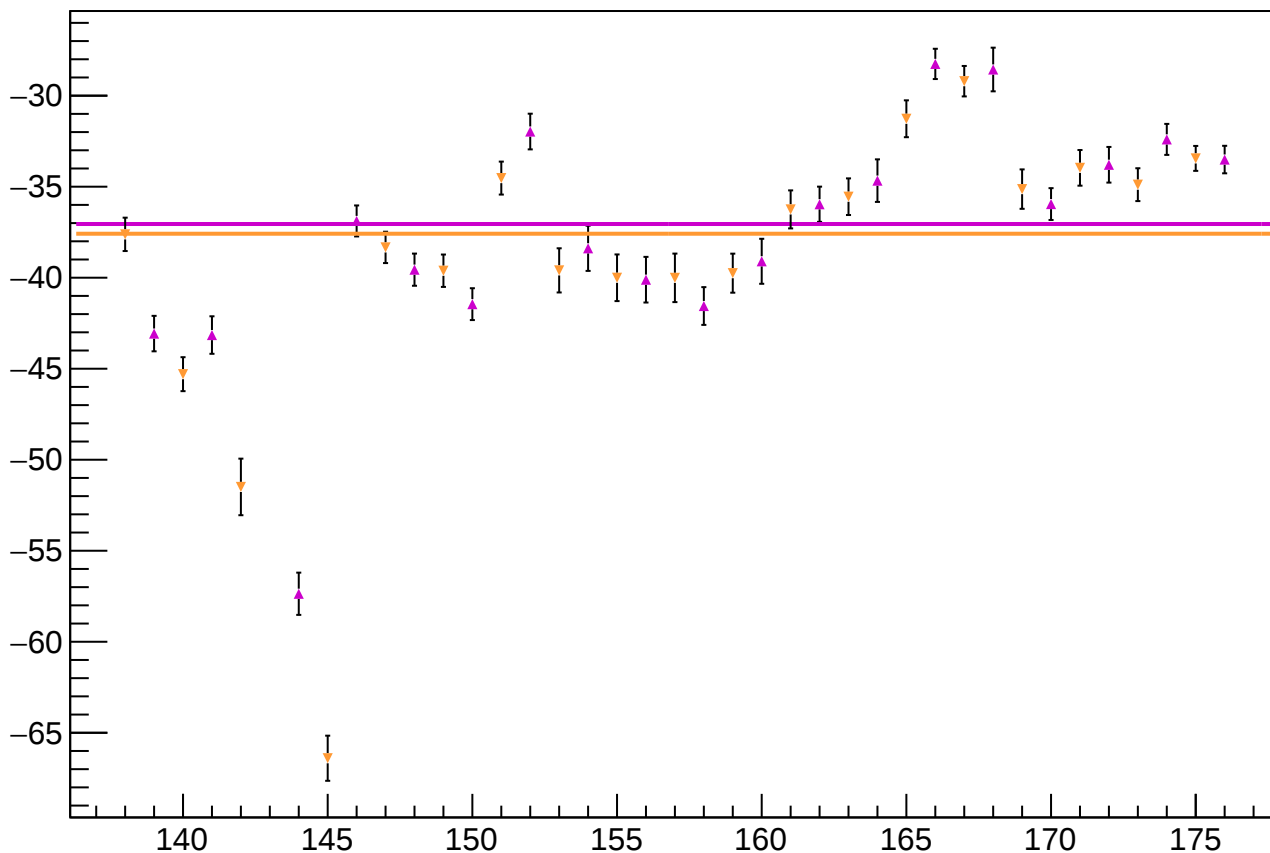
Left In: -0.010 ± 0.001 χ^2/NDF : 30.7/18

+ sign -0.008 ± 0.001 χ^2/NDF : 45.3/34

All: -0.009 ± 0.001 χ^2/NDF : 246.7/71

- sign -0.009 ± 0.001 χ^2/NDF : 201.2/36

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -37.584+/-0.226 χ^2/NDF : 929.2/18

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

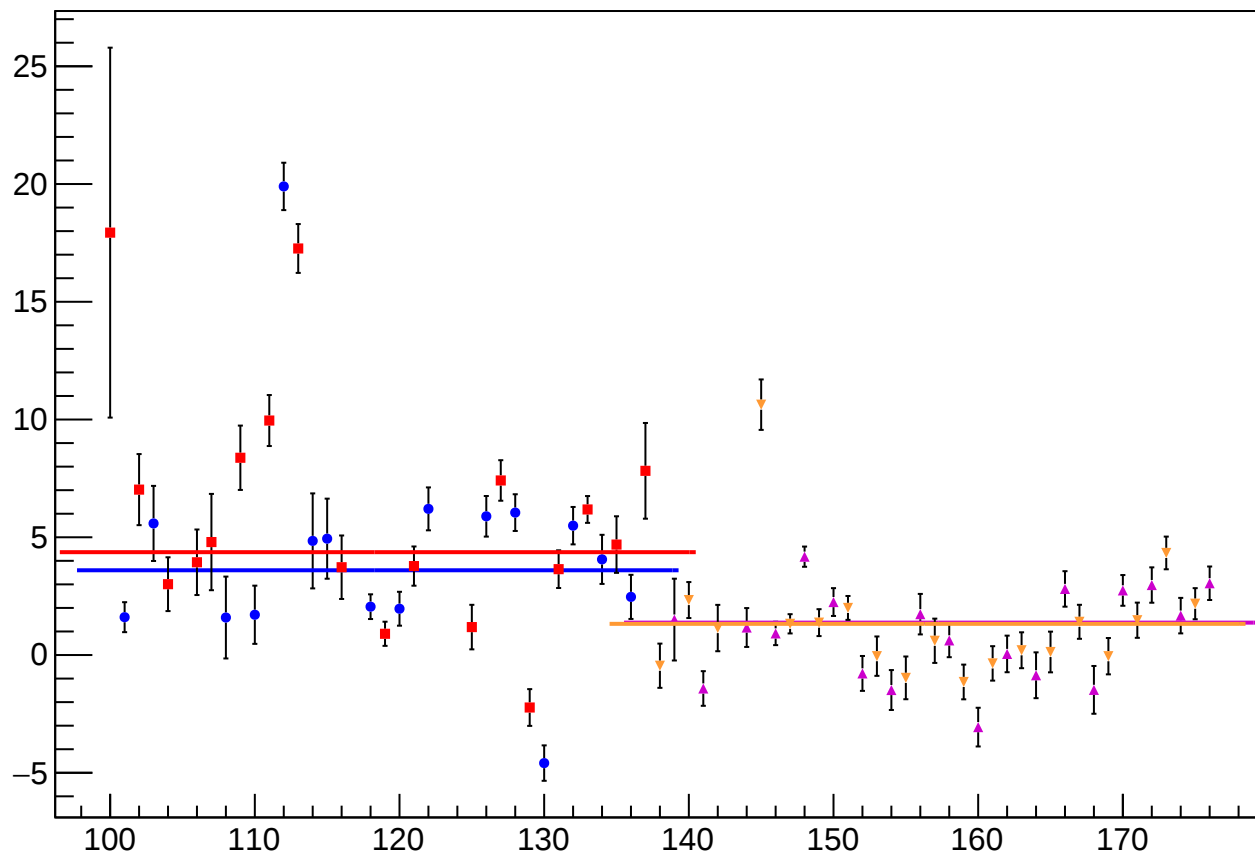
Left In: -37.050+/-0.223 χ^2/NDF : 700.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.314+/-0.159 χ^2/NDF : 1632.4/37

- 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: 1.324 ± 0.162 χ^2/NDF : 136.6/18

Right Out: 4.367 ± 0.225 χ^2/NDF : 353.1/17

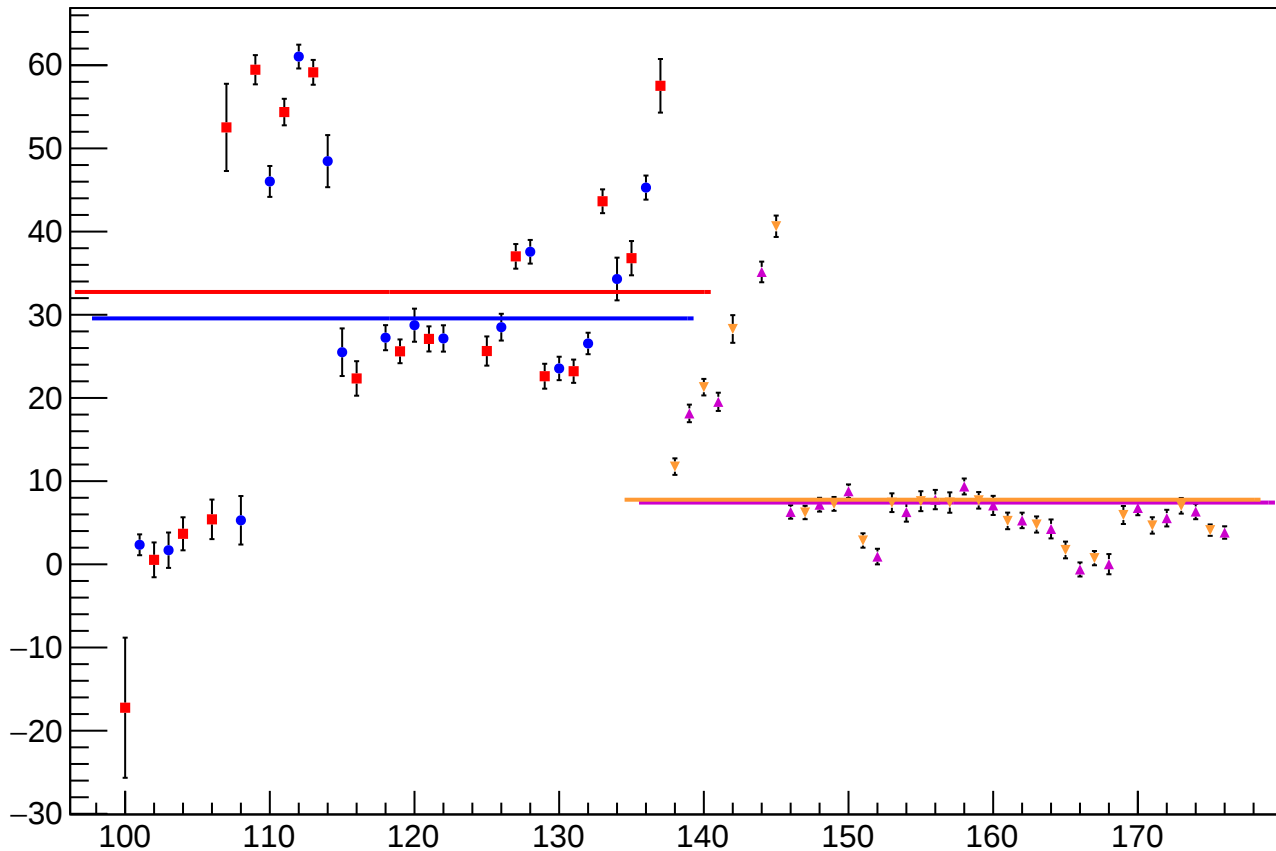
Left In: 1.376 ± 0.164 χ^2/NDF : 144.8/18

+ sign 2.124 ± 0.131 χ^2/NDF : 649.1/34

All: 2.266 ± 0.093 χ^2/NDF : 1265.1/71

- sign 2.413 ± 0.132 χ^2/NDF : 613.6/36

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.564 ± 0.420 χ^2/NDF : 1494.6/15

Left Out: 7.768 ± 0.223 χ^2/NDF : 1204.4/18

Right Out: 32.741 ± 0.423 χ^2/NDF : 1663.3/17

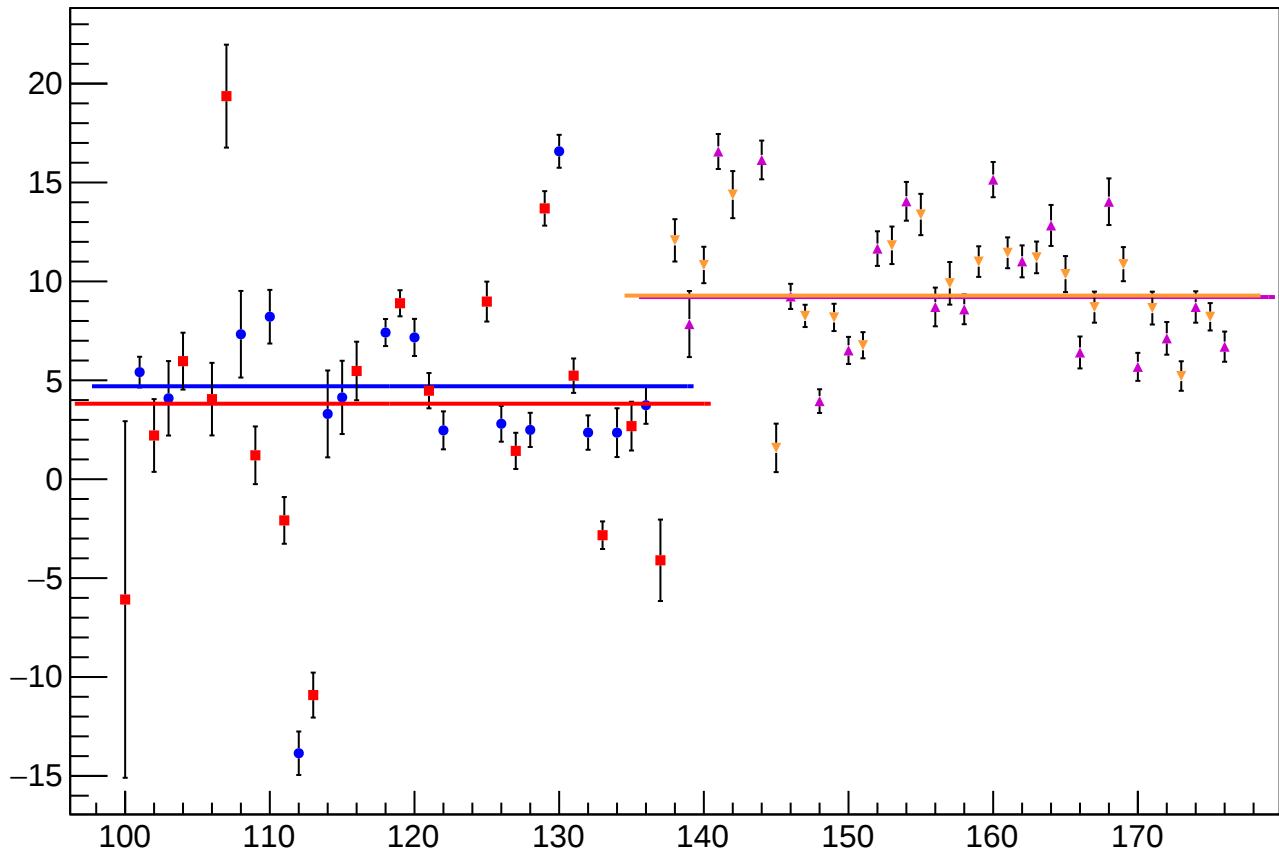
Left In: 7.424 ± 0.220 χ^2/NDF : 951.2/18

+ sign 12.580 ± 0.197 χ^2/NDF : 4802.2/34

All: 12.710 ± 0.139 χ^2/NDF : 10237.2/71

- sign 12.838 ± 0.195 χ^2/NDF : 5434.1/36

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.699 ± 0.254 χ^2/NDF : 548.9/15

Left Out: 9.284 ± 0.188 χ^2/NDF : 167.2/18

Right Out: 3.817 ± 0.258 χ^2/NDF : 567.6/17

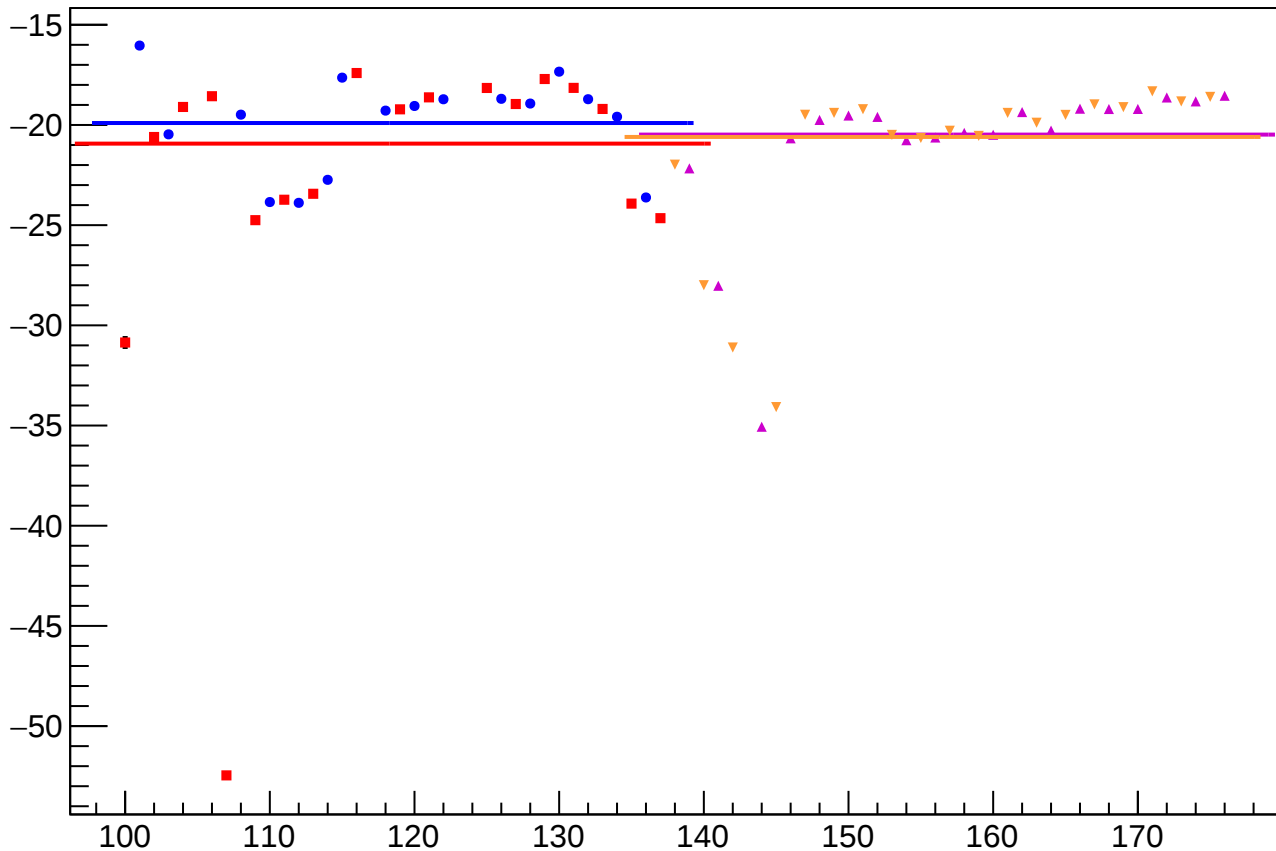
Left In: 9.210 ± 0.189 χ^2/NDF : 378.4/18

+ sign 7.659 ± 0.151 χ^2/NDF : 926.5/34

All: 7.495 ± 0.107 χ^2/NDF : 2158.4/71

- sign 7.329 ± 0.153 χ^2/NDF : 1229.6/36

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.902 ± 0.016 χ^2/NDF : 26054.0/15

Left Out: -20.598 ± 0.009 χ^2/NDF : 144778.4/18

Right Out: -20.931 ± 0.016 χ^2/NDF : 94008.3/17

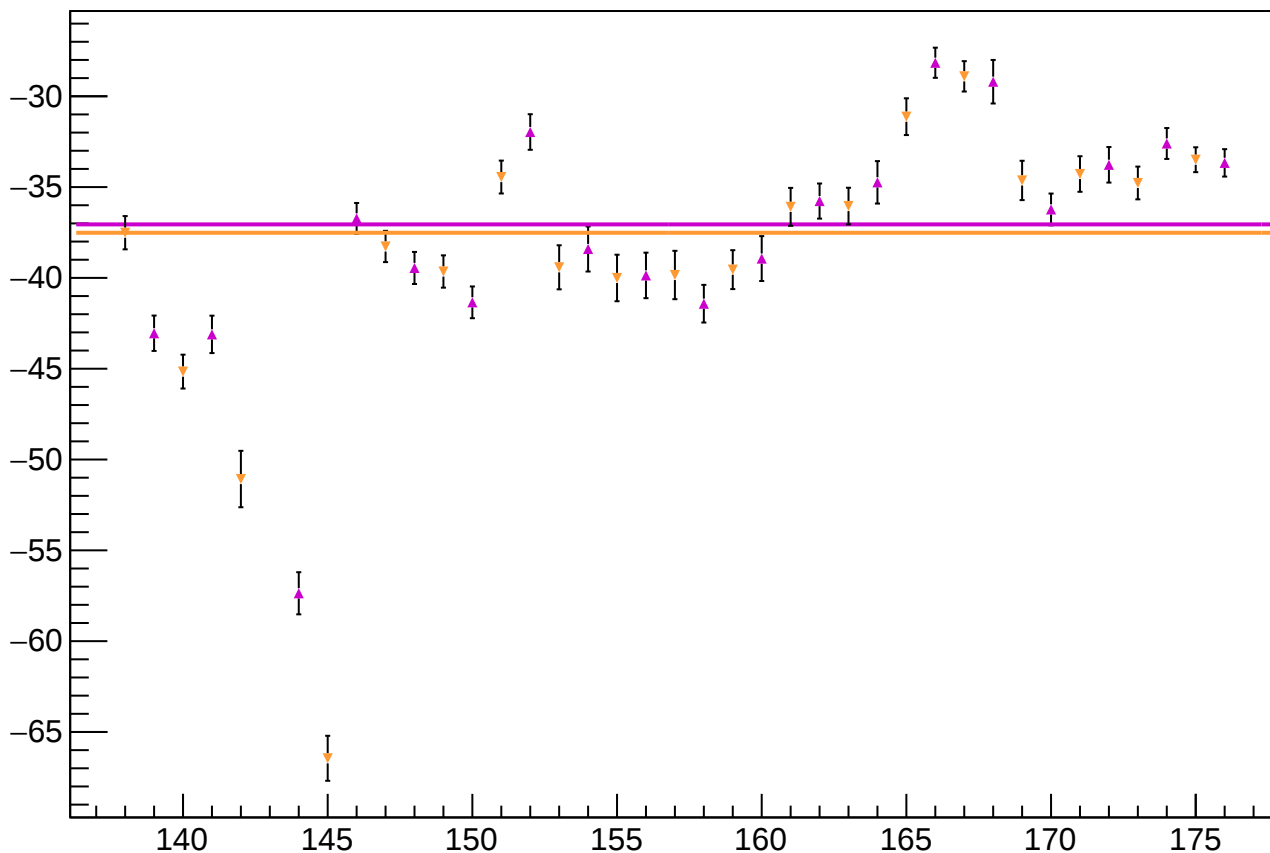
Left In: -20.481 ± 0.009 χ^2/NDF : 117611.8/18

+ sign -20.427 ± 0.008 χ^2/NDF : 172321.8/34

All: -20.508 ± 0.005 χ^2/NDF : 384784.8/71

- sign -20.586 ± 0.008 χ^2/NDF : 212248.0/36

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -37.516 $\pm$ 0.226 χ^2 /NDF:931.7/18

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

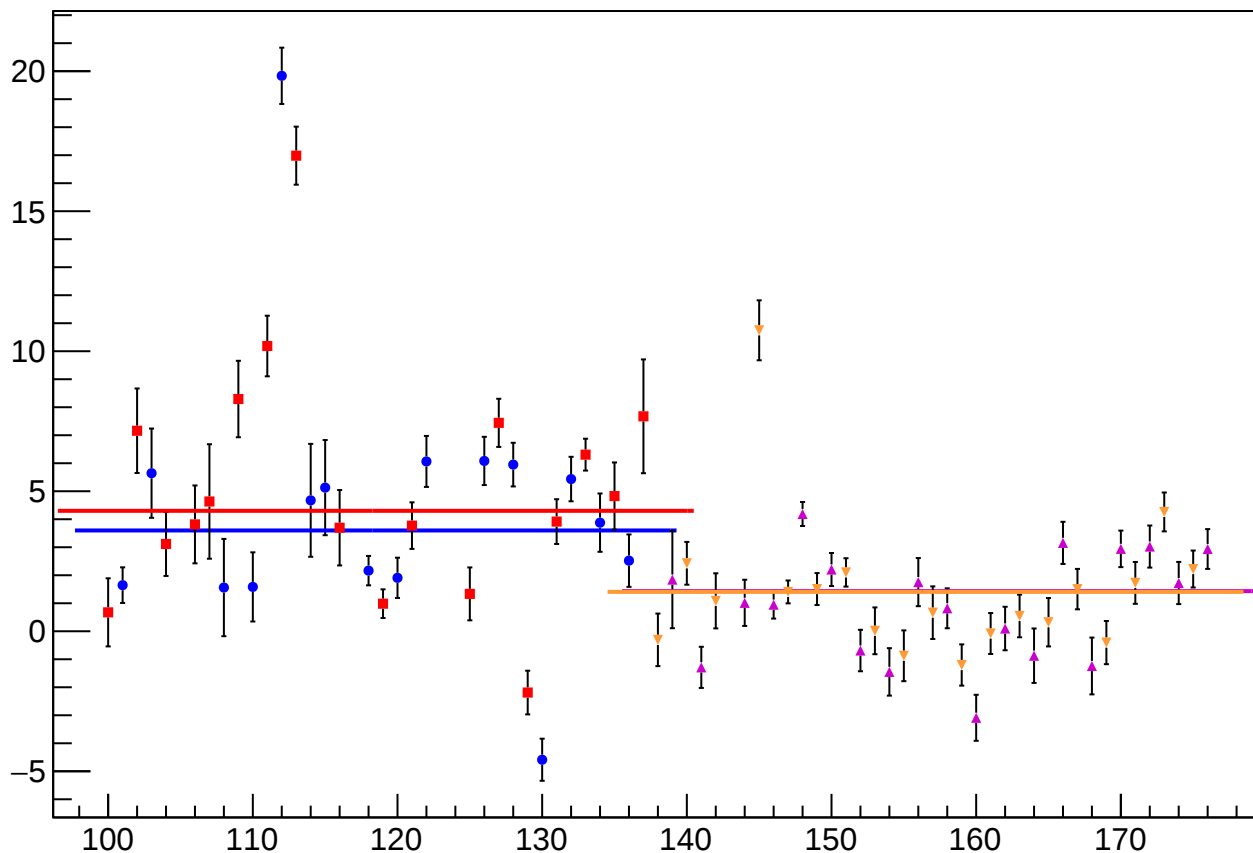
Left In: -37.054 $\pm$ 0.223 χ^2 /NDF:687.1/18

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

All: -37.282 $\pm$ 0.159 χ^2 /NDF: 1620.9/37

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

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 χ^2/NDF : 440.3/15

Left Out: 1.407 ± 0.162 χ^2/NDF : 136.7/18

Right Out: 4.301 ± 0.221 χ^2/NDF : 352.1/17

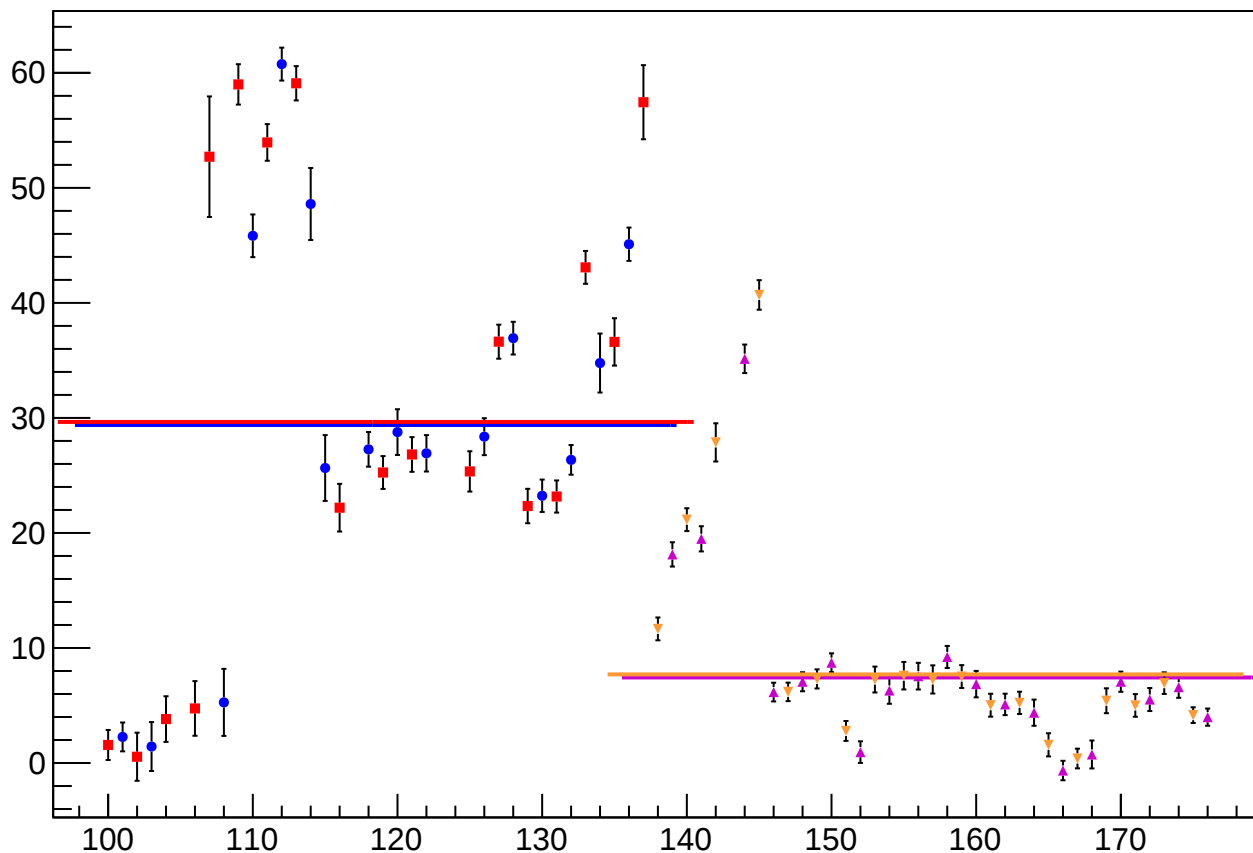
Left In: 1.433 ± 0.164 χ^2/NDF : 144.2/18

+ sign 2.177 ± 0.131 χ^2/NDF : 641.3/34

All: 2.312 ± 0.093 χ^2/NDF : 1248.5/71

- sign 2.448 ± 0.131 χ^2/NDF : 605.1/36

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.387 ± 0.419 χ^2/NDF : 1488.6/15

Left Out: 7.702 ± 0.223 χ^2/NDF : 1205.0/18

Right Out: 29.652 ± 0.402 χ^2/NDF : 2131.0/17

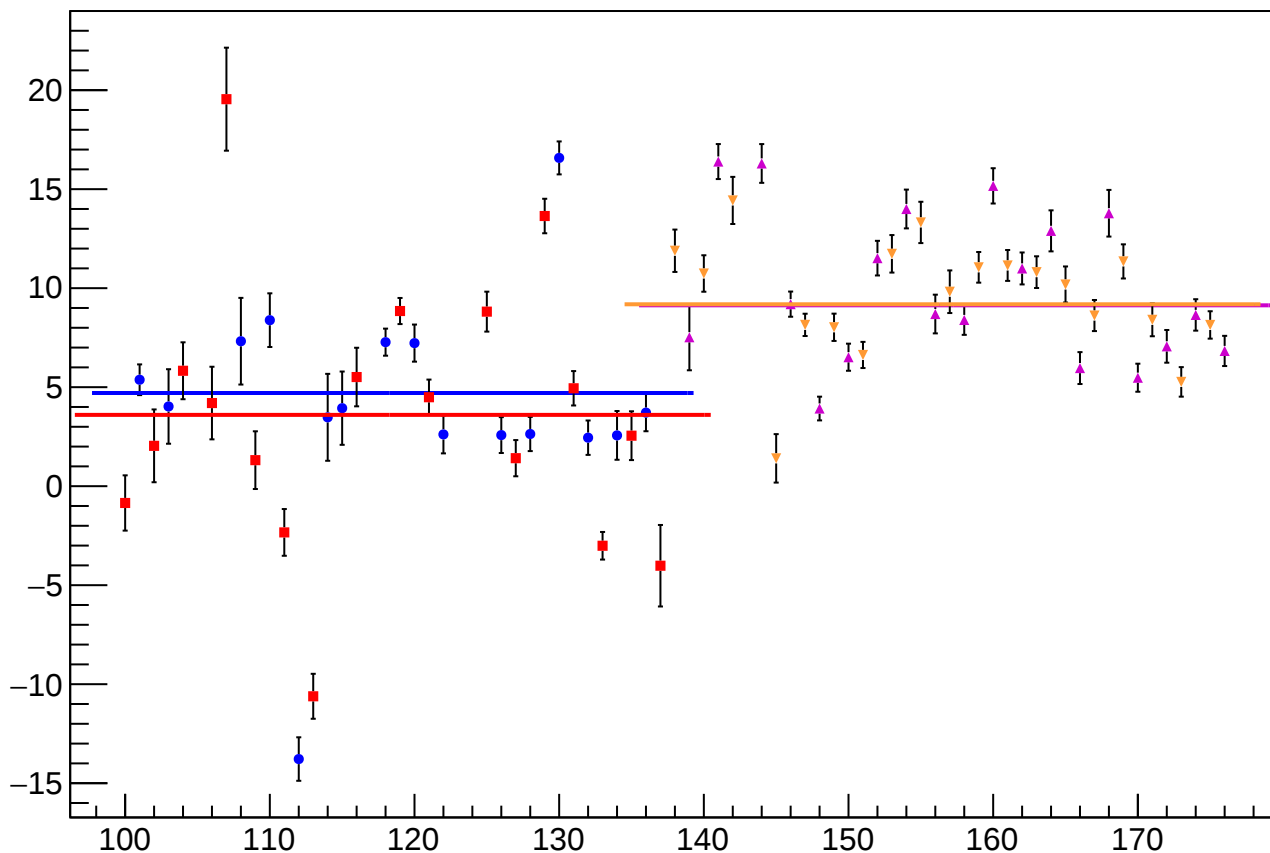
Left In: 7.436 ± 0.220 χ^2/NDF : 942.1/18

+ sign 12.490 ± 0.197 χ^2/NDF : 4778.1/34

All: 12.527 ± 0.138 χ^2/NDF : 10196.6/71

- sign 12.562 ± 0.193 χ^2/NDF : 5418.4/36

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.706 ± 0.254 χ^2/NDF : 545.2/15

Left Out: 9.186 ± 0.188 χ^2/NDF : 168.7/18

Right Out: 3.601 ± 0.254 χ^2/NDF : 573.4/17

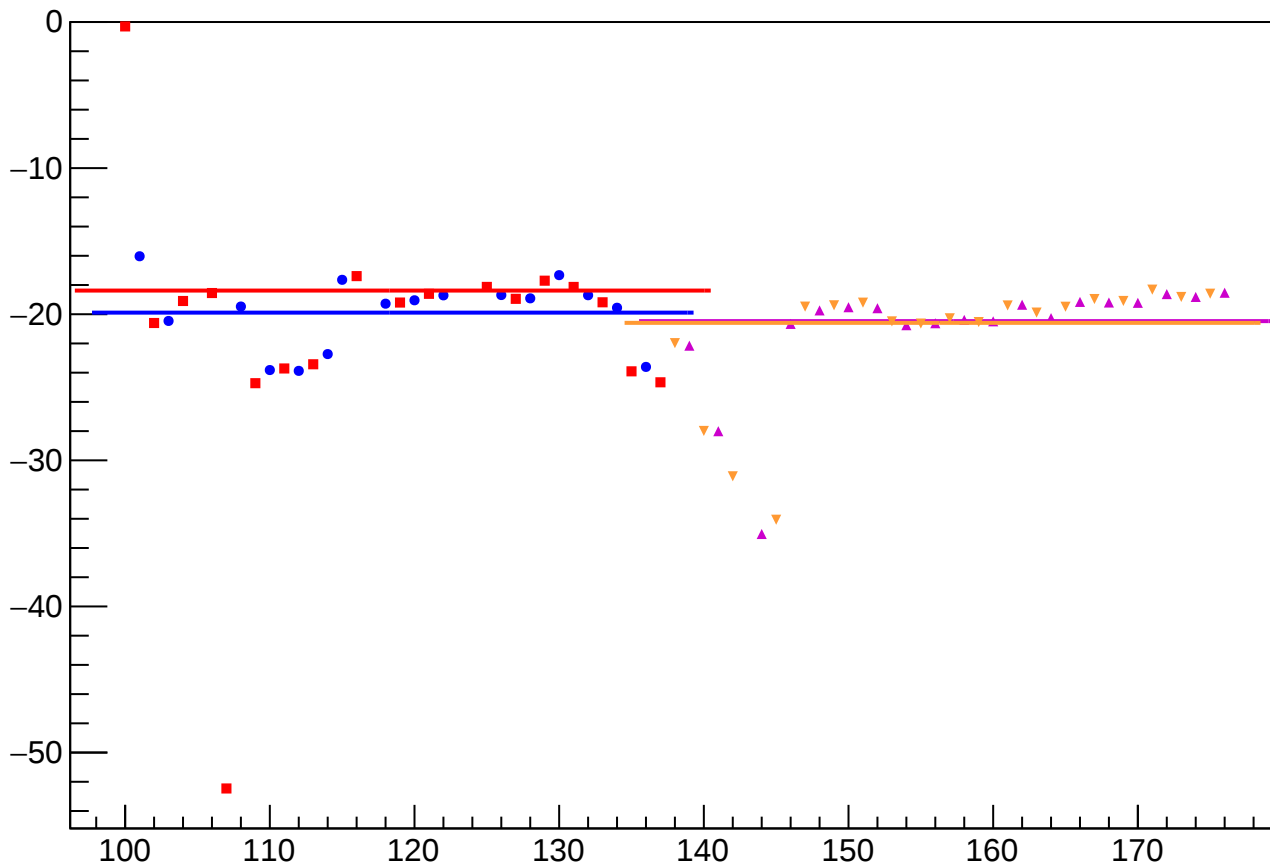
Left In: 9.134 ± 0.189 χ^2/NDF : 383.4/18

+ sign 7.598 ± 0.151 χ^2/NDF : 914.9/34

All: 7.381 ± 0.107 χ^2/NDF : 2181.2/71

- sign 7.163 ± 0.152 χ^2/NDF : 1262.2/36

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.890 ± 0.016 $\chi^2/\text{NDF}: 26044.4/15$

Left Out: -20.590 ± 0.009 $\chi^2/\text{NDF}: 144857.1/18$

Right Out: -18.380 ± 0.015 $\chi^2/\text{NDF}: 300999.4/17$

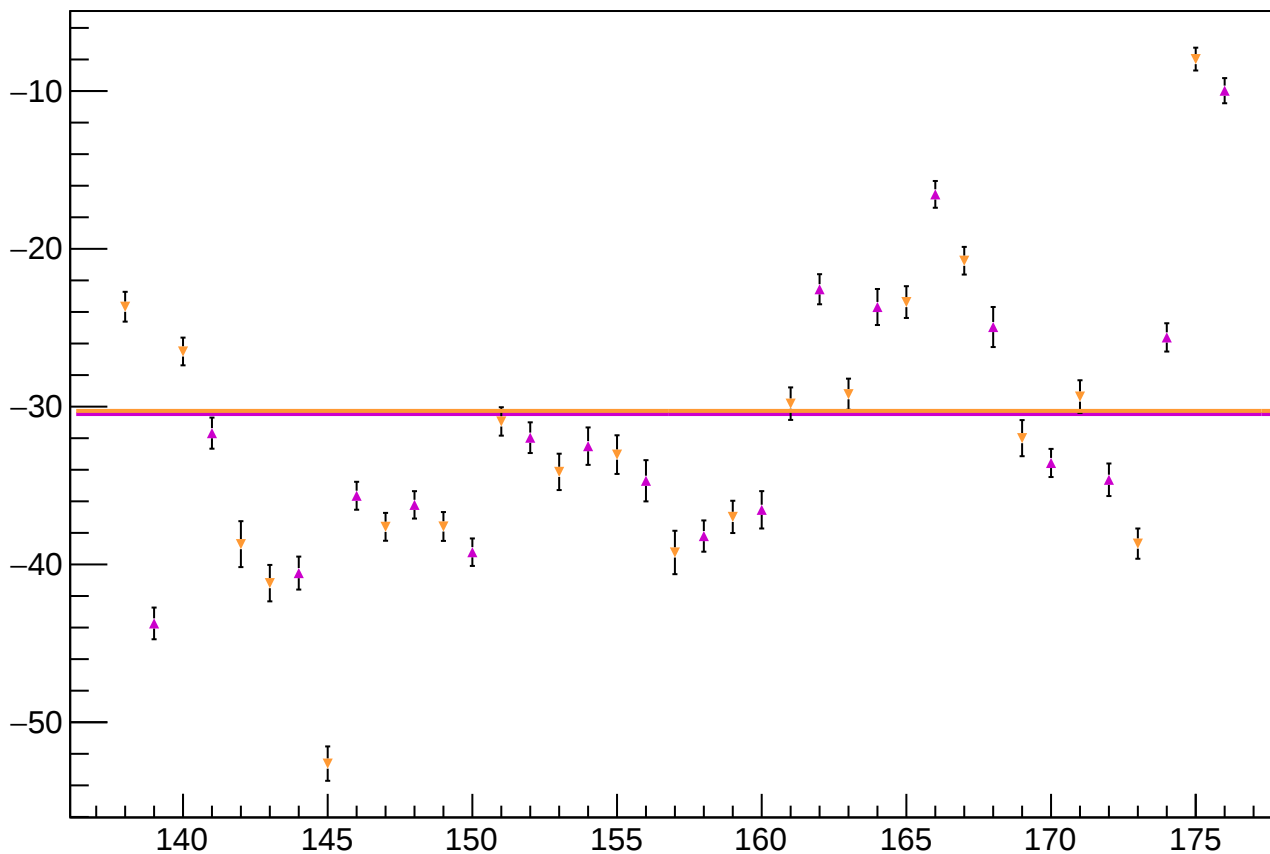
Left In: -20.472 ± 0.009 $\chi^2/\text{NDF}: 117525.4/18$

+ sign -20.418 ± 0.008 $\chi^2/\text{NDF}: 172411.7/34$

All: -20.167 ± 0.005 $\chi^2/\text{NDF}: 607898.4/71$

- sign -19.932 ± 0.007 $\chi^2/\text{NDF}: 433452.7/36$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -30.269+/-0.223 χ^2/NDF : 2043.4/19

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

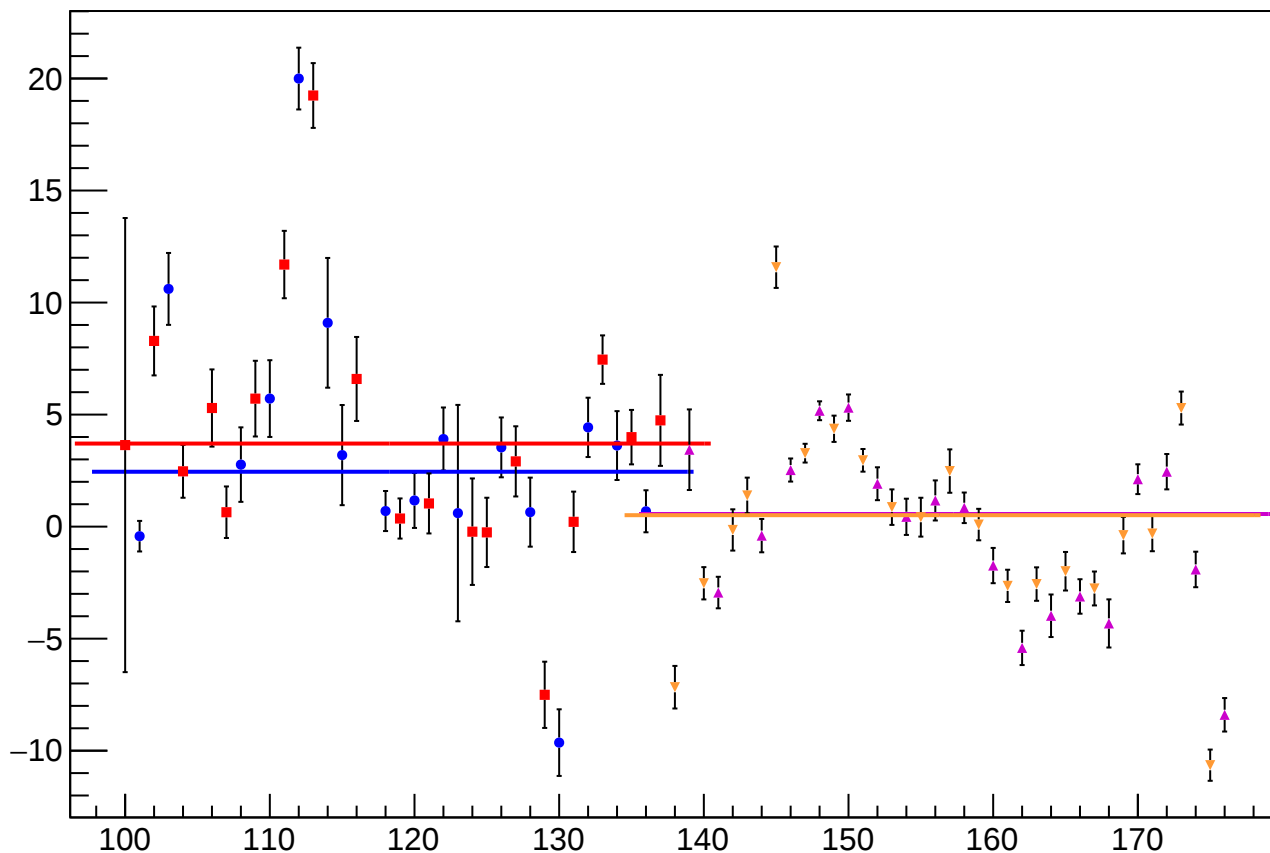
Left In: -30.469+/-0.225 χ^2/NDF : 1662.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.369+/-0.158 χ^2/NDF : 3705.7/38

- 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: 0.510 ± 0.159 χ^2/NDF : 707.4/19

Right Out: 3.707 ± 0.326 χ^2/NDF : 269.4/18

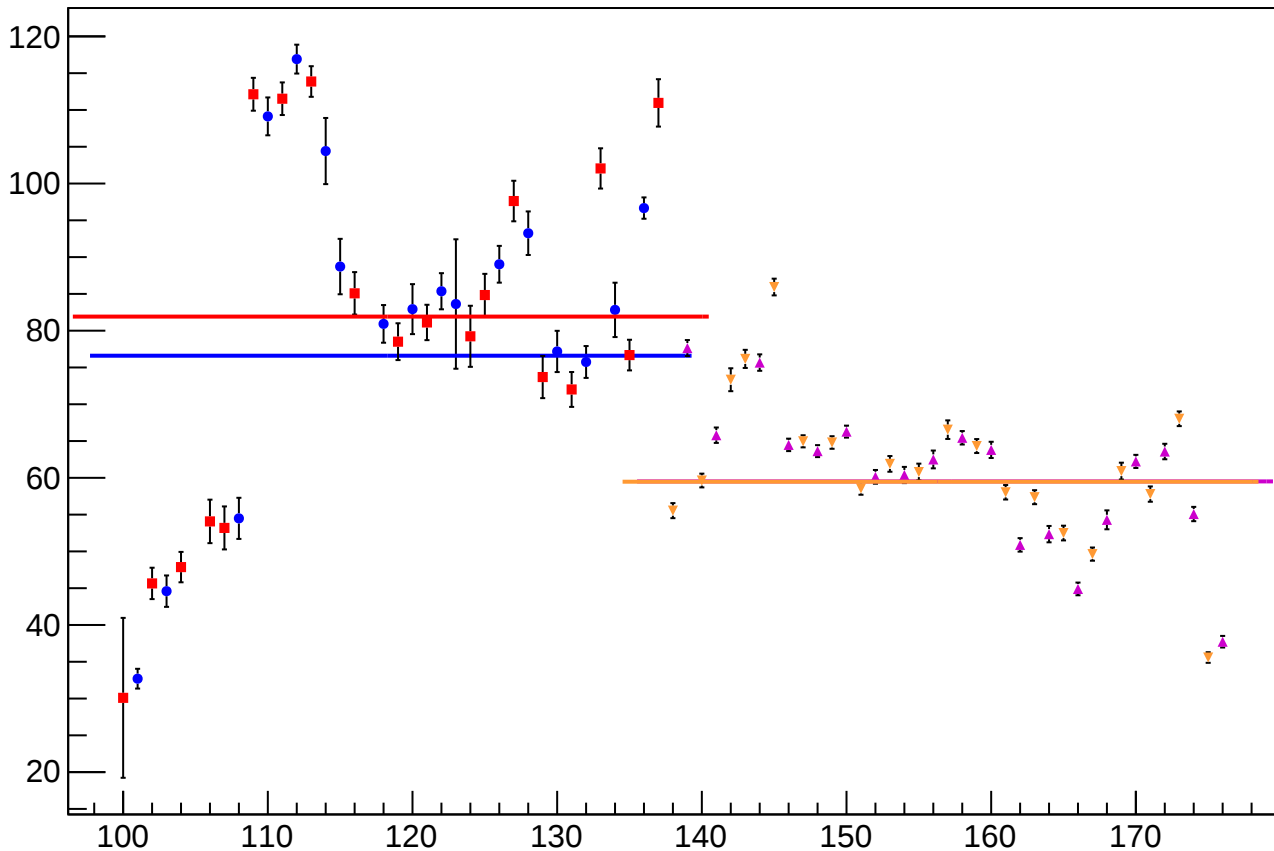
Left In: 0.563 ± 0.163 χ^2/NDF : 533.0/18

+ sign 0.907 ± 0.142 χ^2/NDF : 1033.0/36

All: 1.046 ± 0.102 χ^2/NDF : 1911.6/74

- sign 1.194 ± 0.146 χ^2/NDF : 876.6/37

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.598 $\pm$ 0.576 χ^2 /NDF: 2255.1/16

Left Out: 59.473 $\pm$ 0.221 χ^2 /NDF:2314.9/19

Right Out: 81.916 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

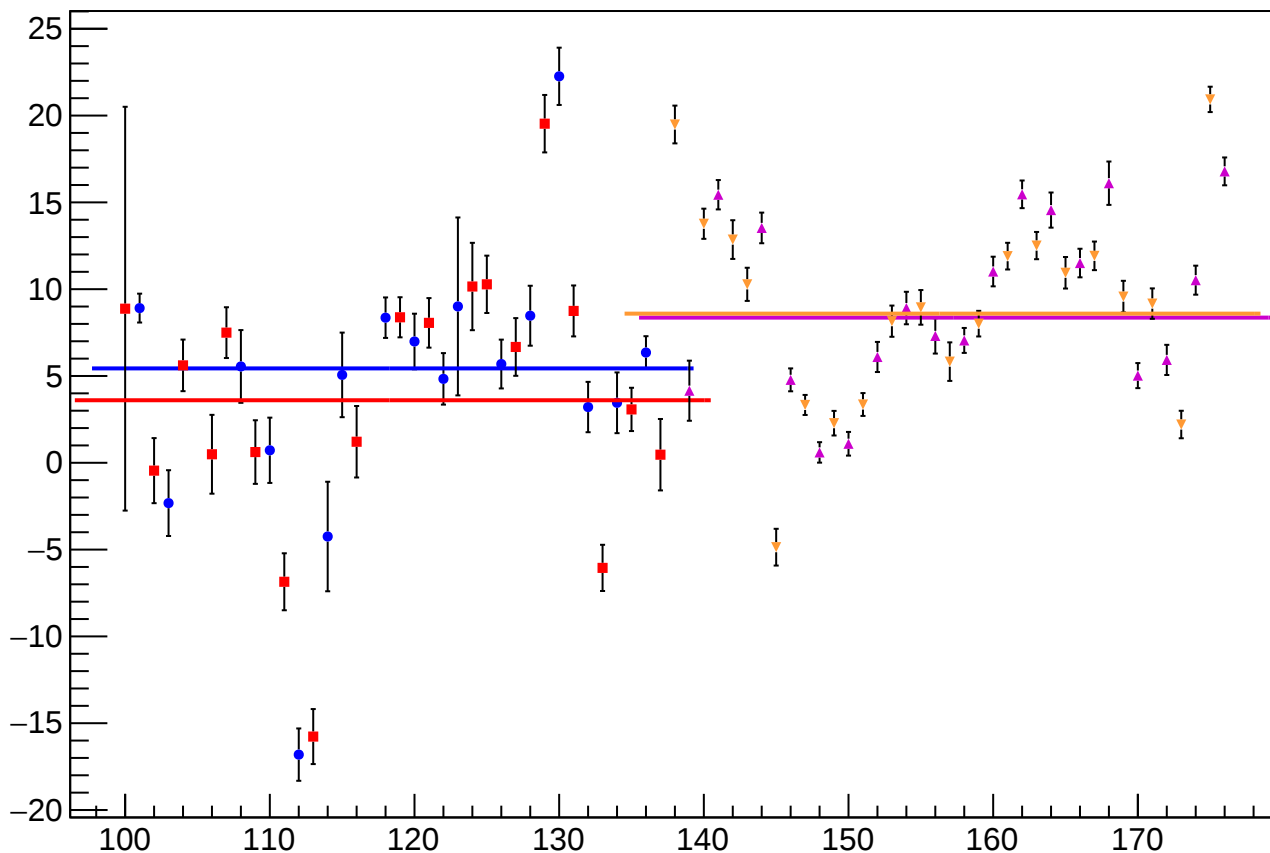
Left In: 59.514 $\pm$ 0.221 χ^2 /NDF:1955.4/18

+ sign 61.668 $\pm$ 0.206 χ^2 /NDF: 5340.5/36

All: 61.963 $\pm$ 0.146 χ^2 /NDF: 10126.9/74

- sign 62.262 $\pm$ 0.207 χ^2 /NDF: 4782.2/37

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.436 ± 0.360 χ^2/NDF : 387.2/16

Left Out: 8.591 ± 0.185 χ^2/NDF : 966.4/19

Right Out: 3.602 ± 0.375 χ^2/NDF : 423.3/18

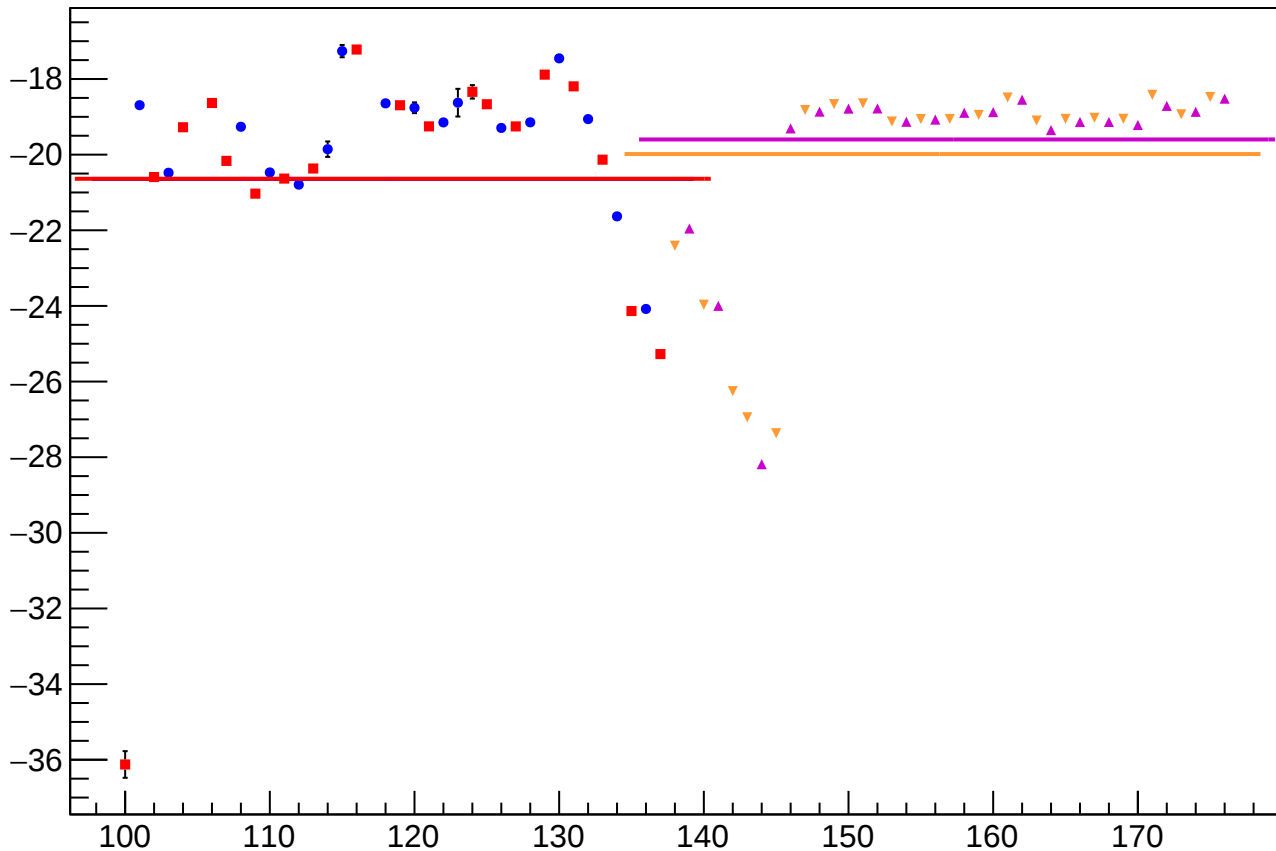
Left In: 8.362 ± 0.189 χ^2/NDF : 764.4/18

+ sign 7.932 ± 0.165 χ^2/NDF : 1414.2/36

All: 7.671 ± 0.118 χ^2/NDF : 2735.5/74

- sign 7.398 ± 0.169 χ^2/NDF : 1316.1/37

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.642 ± 0.019 $\chi^2/\text{NDF}: 12431.5/16$

Left Out: -19.984 ± 0.009 $\chi^2/\text{NDF}: 84228.0/19$

Right Out: -20.638 ± 0.019 $\chi^2/\text{NDF}: 13783.4/18$

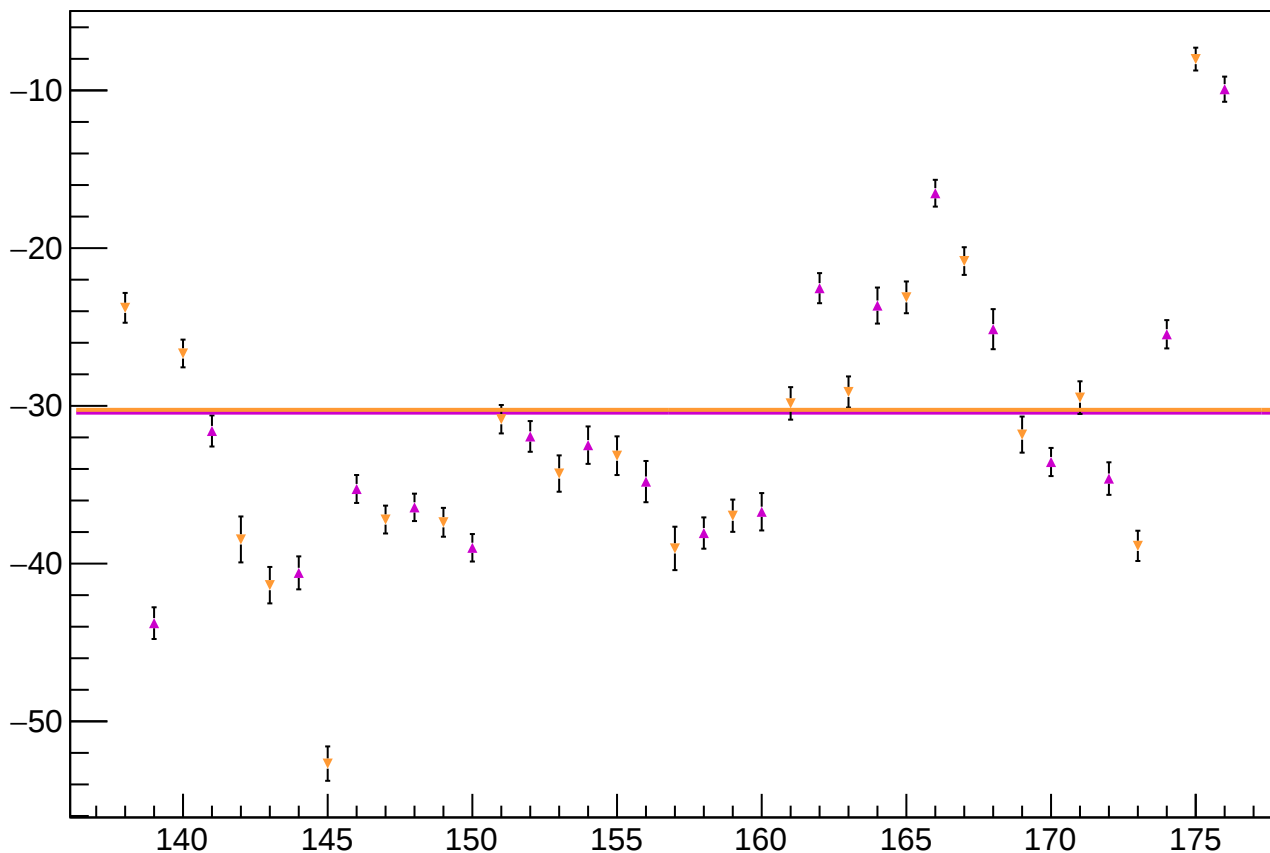
Left In: -19.598 ± 0.009 $\chi^2/\text{NDF}: 51228.0/18$

+ sign -20.097 ± 0.008 $\chi^2/\text{NDF}: 97617.6/36$

All: -19.934 ± 0.006 $\chi^2/\text{NDF}: 165825.9/74$

- sign -19.773 ± 0.008 $\chi^2/\text{NDF}: 67387.1/37$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -30.252+/-0.223 χ^2/NDF :2030.8/19

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

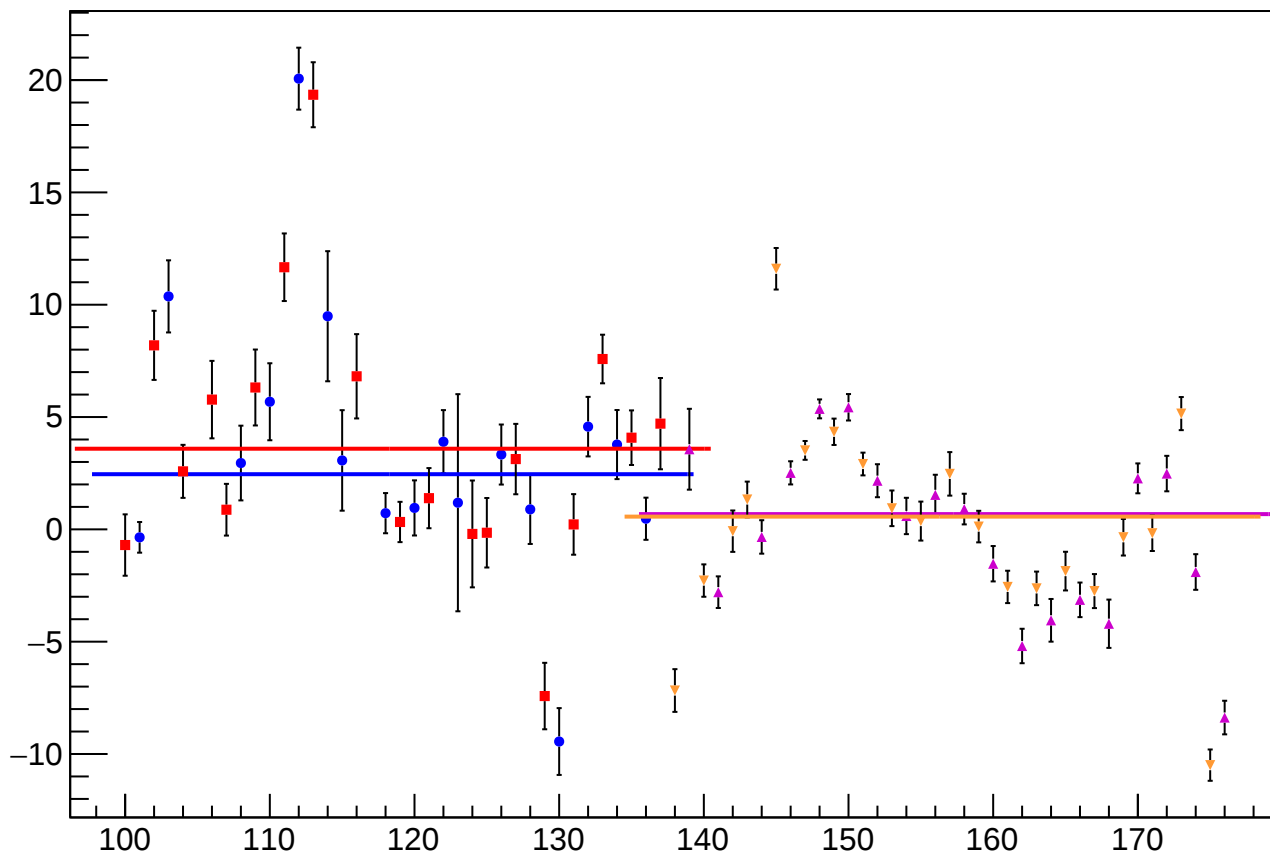
Left In: -30.429+/-0.225 χ^2/NDF :1659.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.340+/-0.158 χ^2/NDF : 3690.7/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.455 ± 0.315 $\chi^2/\text{NDF}: 293.5/16$

Left Out: 0.567 ± 0.160 $\chi^2/\text{NDF}: 699.6/19$

Right Out: 3.590 ± 0.318 $\chi^2/\text{NDF}: 279.8/18$

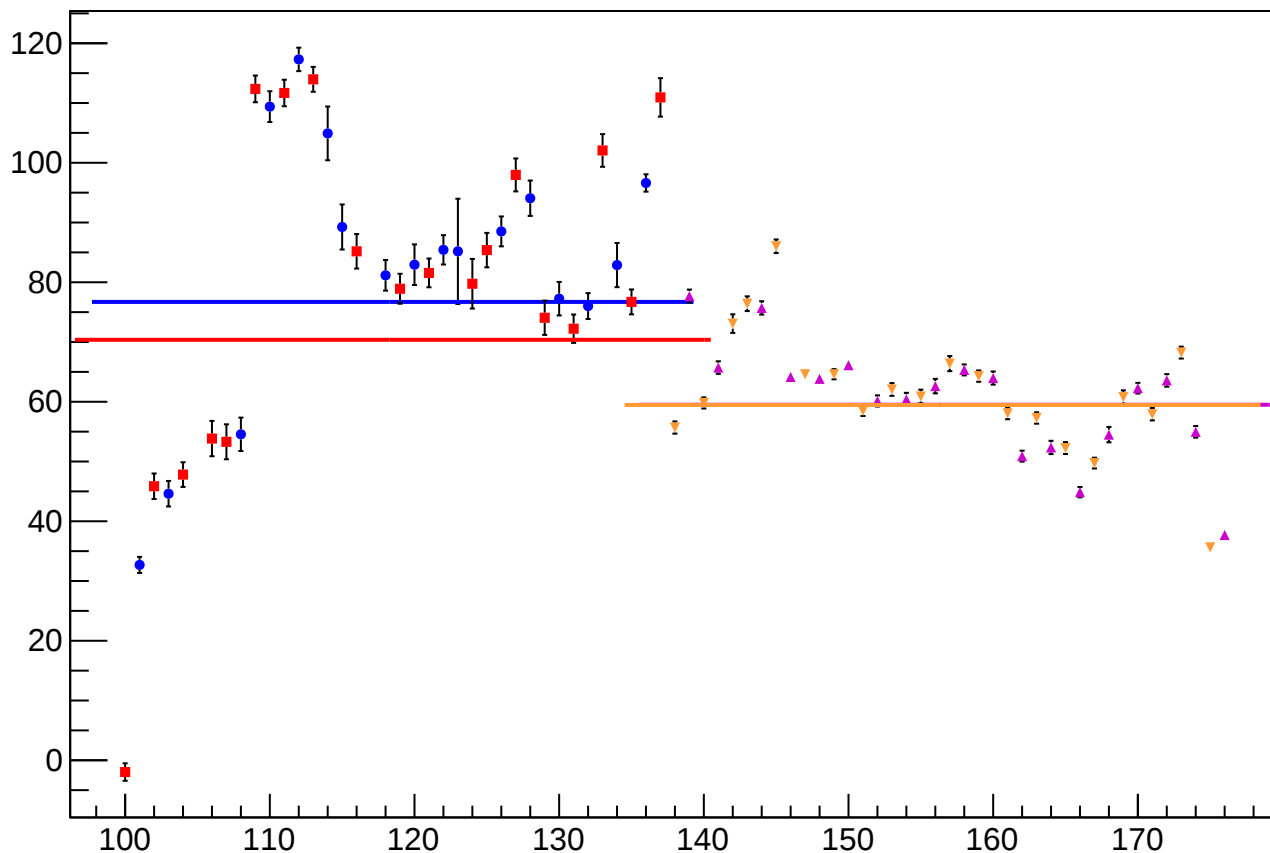
Left In: 0.679 ± 0.164 $\chi^2/\text{NDF}: 540.1/18$

+ sign 0.953 ± 0.142 $\chi^2/\text{NDF}: 1021.7/36$

All: 1.117 ± 0.102 $\chi^2/\text{NDF}: 1910.8/74$

- sign 1.288 ± 0.145 $\chi^2/\text{NDF}: 886.3/37$

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.713 $\pm$ 0.576 χ^2 /NDF: 2266.6/16

Left Out: 59.462 $\pm$ 0.221 χ^2 /NDF: 2308.5/19

Right Out: 70.376 $\pm$ 0.550 χ^2 /NDF: 4390.7/18

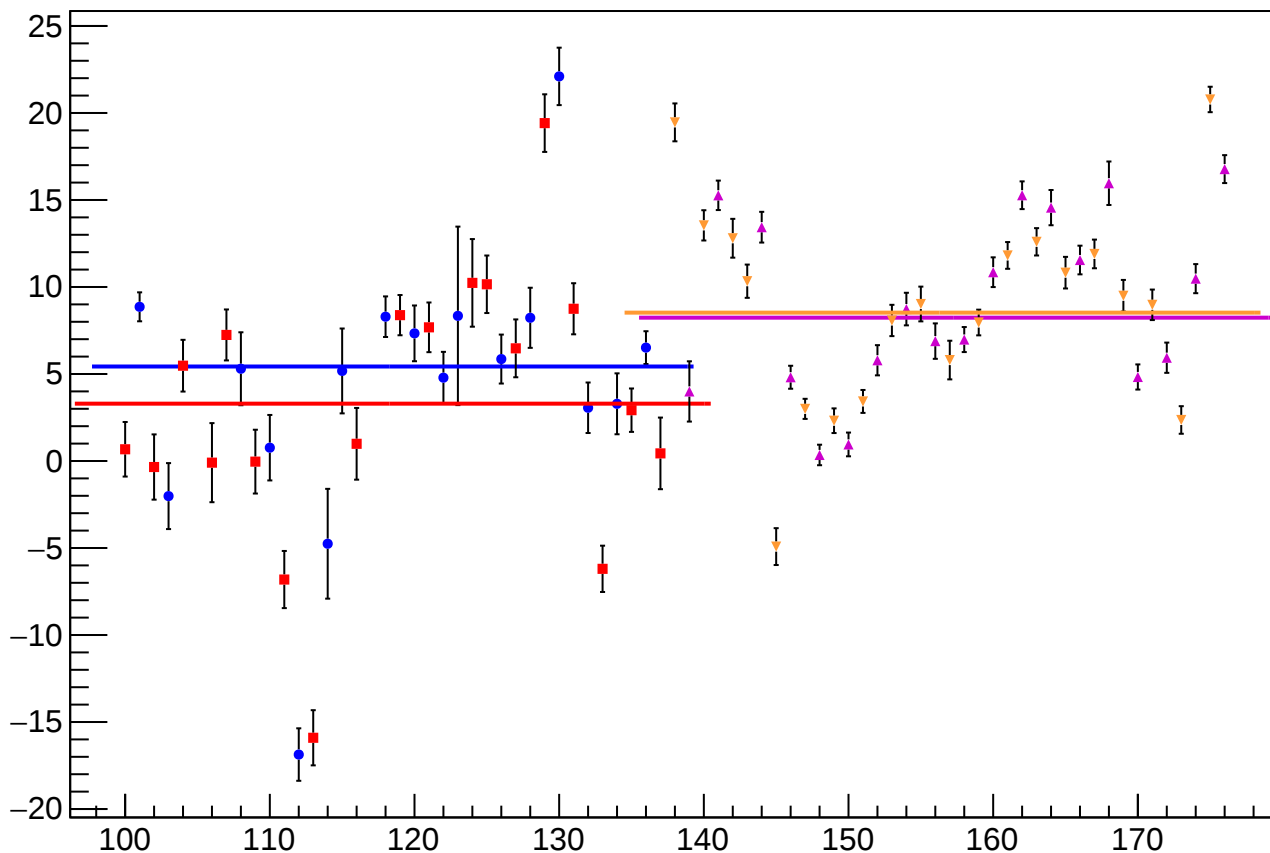
Left In: 59.502 $\pm$ 0.222 χ^2 /NDF: 1951.8/18

+ sign 61.673 $\pm$ 0.206 χ^2 /NDF: 5356.2/36

All: 61.345 $\pm$ 0.146 χ^2 /NDF: 12040.1/74

- sign 61.020 $\pm$ 0.205 χ^2 /NDF: 6678.9/37

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.430 ± 0.361 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 8.527 ± 0.185 $\chi^2/\text{NDF}: 960.4/19$

Right Out: 3.295 ± 0.365 $\chi^2/\text{NDF}: 426.1/18$

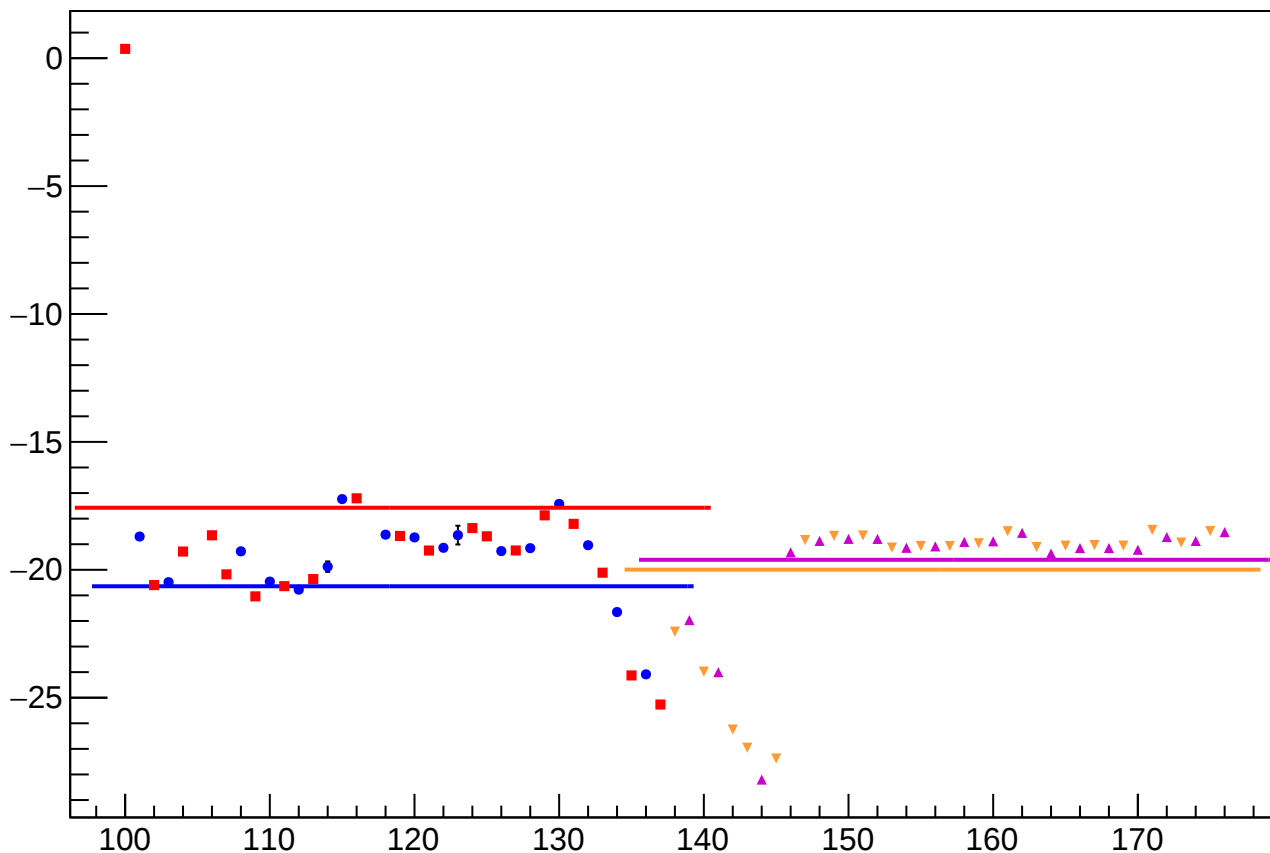
Left In: 8.237 ± 0.189 $\chi^2/\text{NDF}: 772.9/18$

+ sign 7.879 ± 0.165 $\chi^2/\text{NDF}: 1404.6/36$

All: 7.542 ± 0.118 $\chi^2/\text{NDF}: 2756.7/74$

- sign 7.191 ± 0.168 $\chi^2/\text{NDF}: 1343.5/37$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.643 ± 0.019 $\chi^2/\text{NDF}: 12468.6/16$

Left Out: -19.993 ± 0.009 $\chi^2/\text{NDF}: 84080.2/19$

Right Out: -17.574 ± 0.018 $\chi^2/\text{NDF}: 178327.0/18$

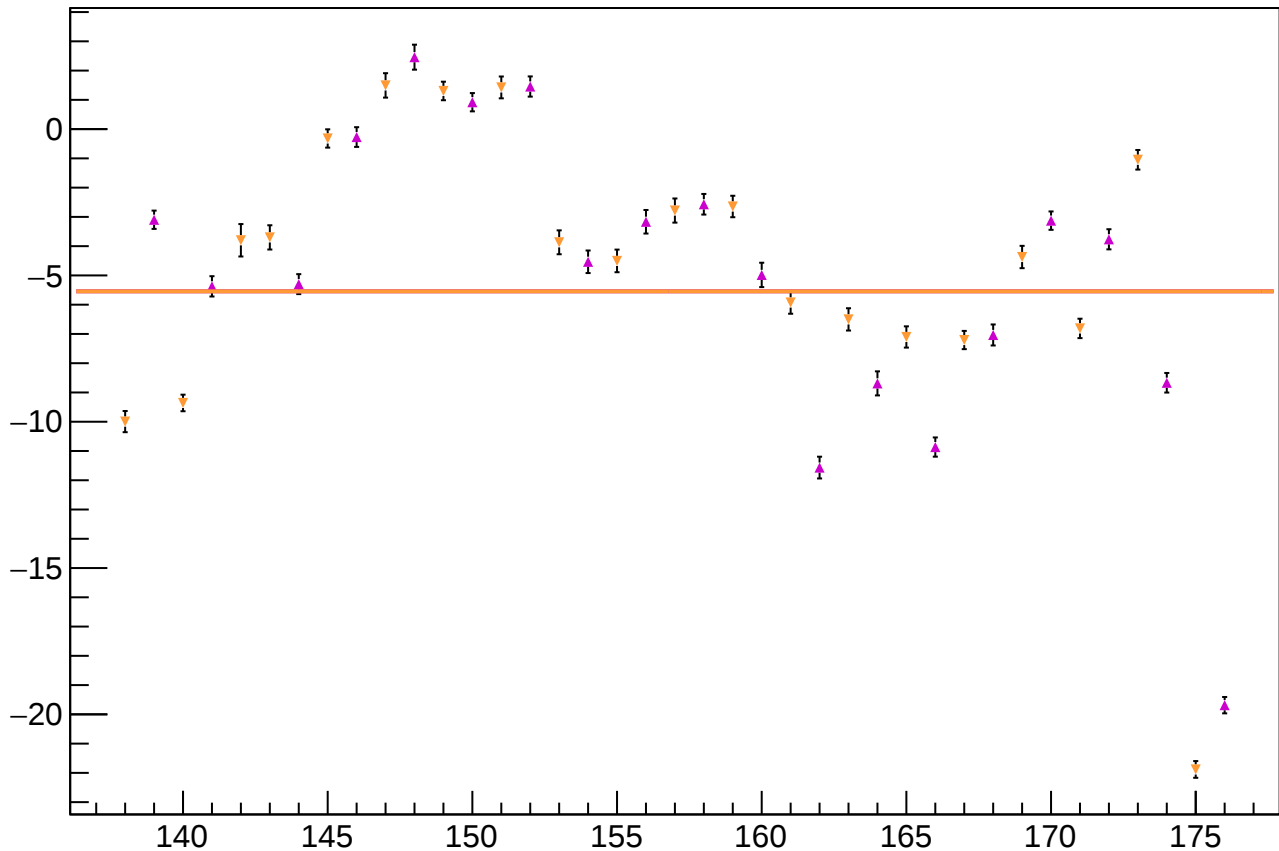
Left In: -19.608 ± 0.009 $\chi^2/\text{NDF}: 51171.0/18$

+ sign -20.105 ± 0.008 $\chi^2/\text{NDF}: 97483.7/36$

All: -19.654 ± 0.006 $\chi^2/\text{NDF}: 343468.5/74$

- sign -19.221 ± 0.008 $\chi^2/\text{NDF}: 239797.7/37$

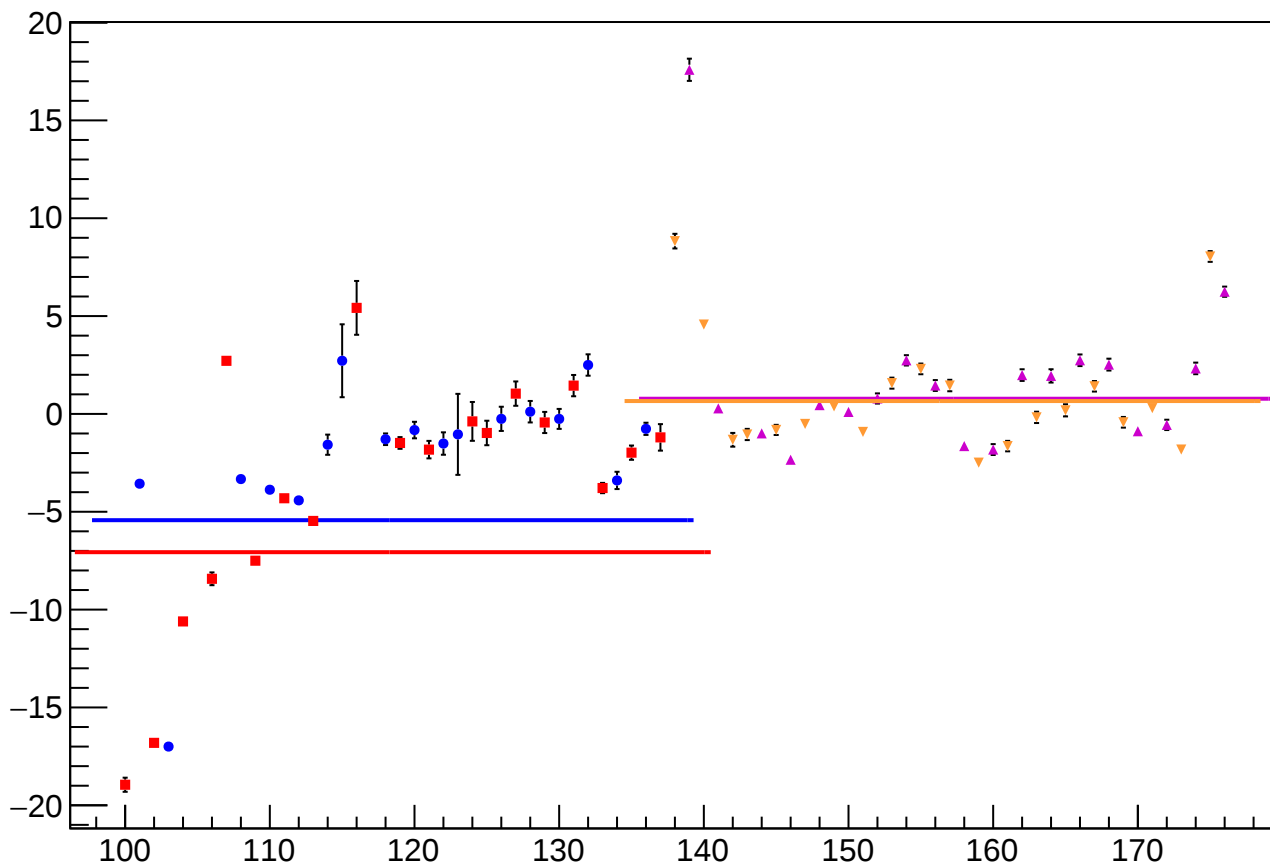
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.544 $\pm$ 0.080 χ^2 /NDF: 5399.9/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.542 $\pm$ 0.080 χ^2 /NDF: 4945.8/18

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -5.543 $\pm$ 0.056 χ^2 /NDF: 10345.6/38
 - 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: 0.658 ± 0.059 χ^2/NDF : 2072.5/19

Right Out: -7.066 ± 0.059 χ^2/NDF : 12306.6/18

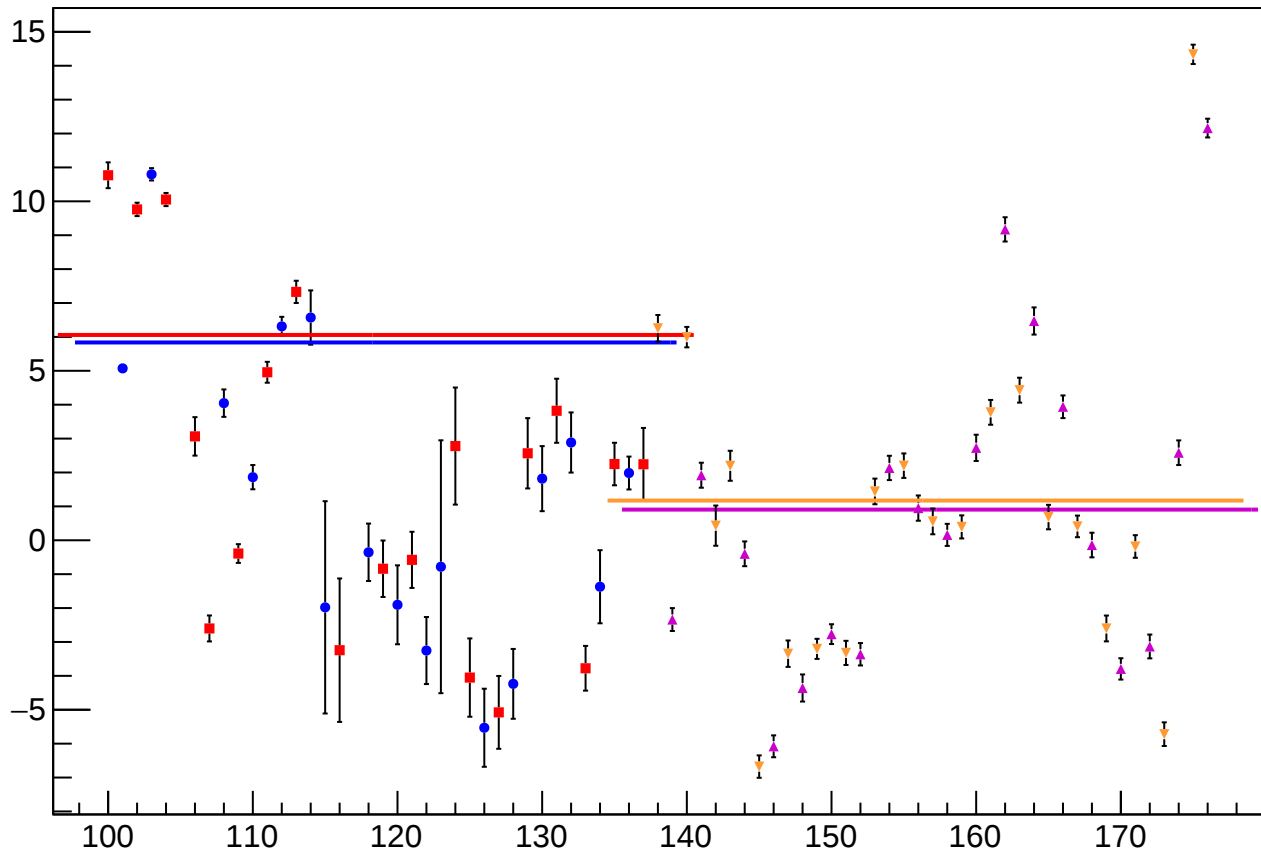
Left In: 0.776 ± 0.060 χ^2/NDF : 2057.8/18

+ sign -2.593 ± 0.040 χ^2/NDF : 17045.1/36

All: -2.893 ± 0.029 χ^2/NDF : 40171.0/74

- sign -3.225 ± 0.042 χ^2/NDF : 23007.9/37

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.836 ± 0.090 χ^2/NDF : 1440.9/16

Left Out: 1.172 ± 0.079 χ^2/NDF : 4288.1/19

Right Out: 6.057 ± 0.093 χ^2/NDF : 2668.9/18

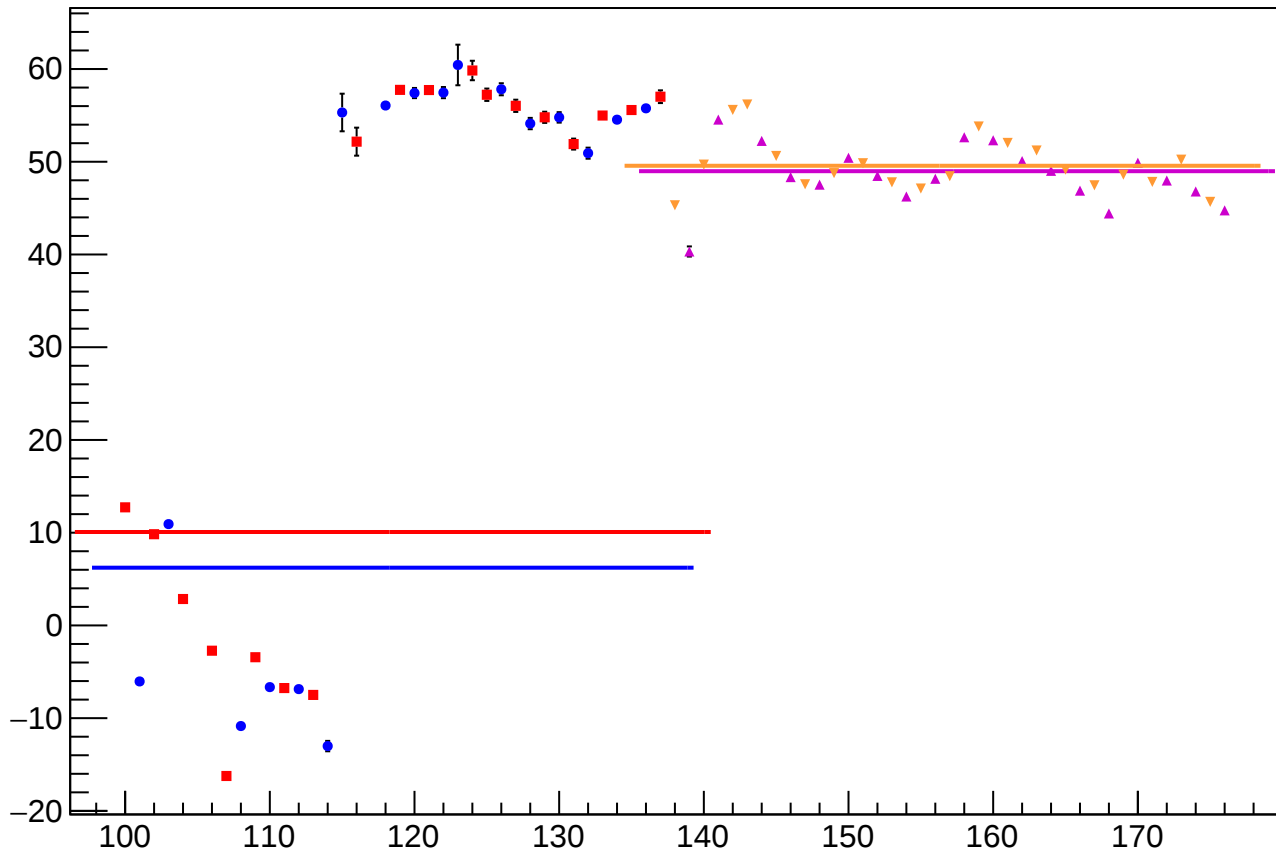
Left In: 0.905 ± 0.079 χ^2/NDF : 3964.7/18

+ sign 3.216 ± 0.059 χ^2/NDF : 7249.2/36

All: 3.135 ± 0.042 χ^2/NDF : 15664.7/74

- sign 3.051 ± 0.060 χ^2/NDF : 8411.7/37

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.226 ± 0.065 χ^2/NDF : 120955.1/16

Left Out: 49.567 ± 0.067 χ^2/NDF : 1498.2/19

Right Out: 10.075 ± 0.070 χ^2/NDF : 122049.3/18

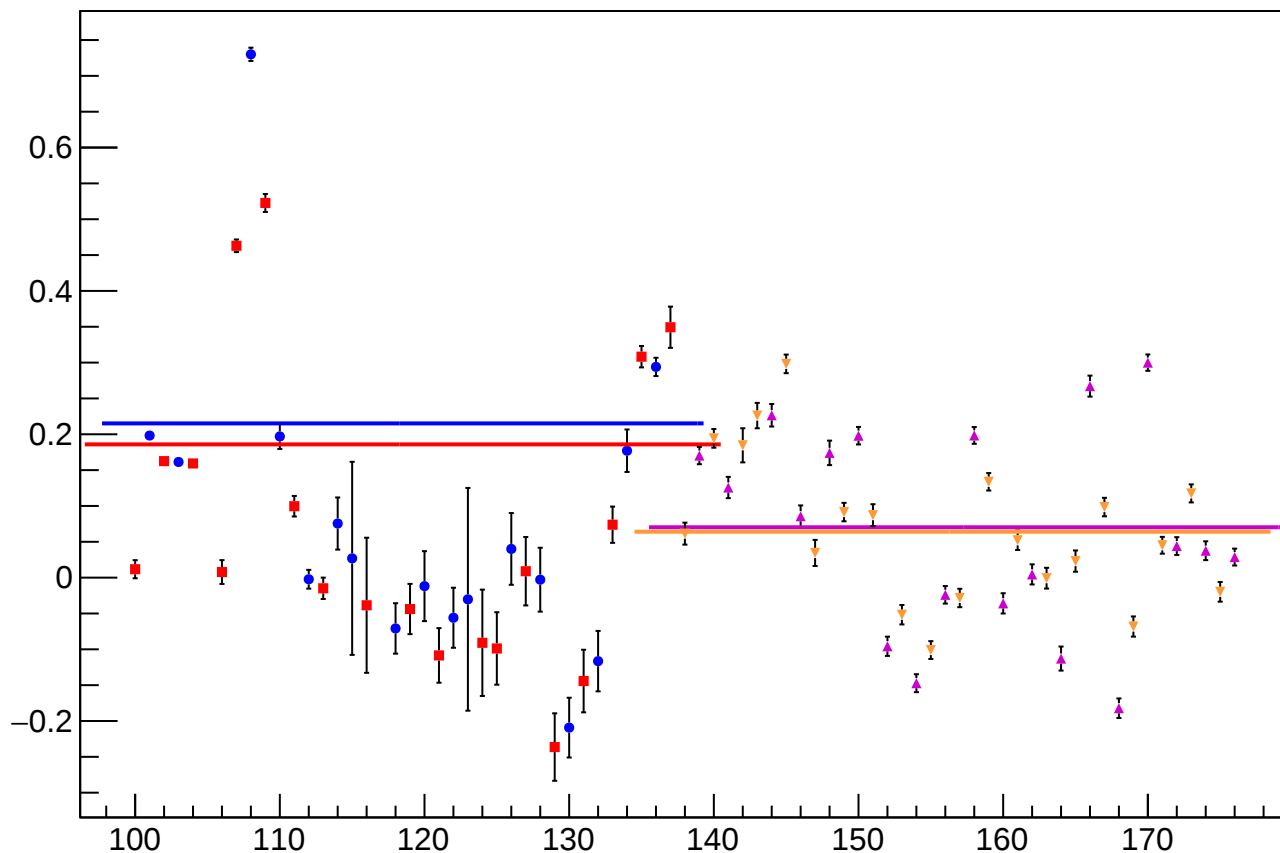
Left In: 48.982 ± 0.068 χ^2/NDF : 1734.0/18

+ sign 27.086 ± 0.047 χ^2/NDF : 337571.0/36

All: 28.419 ± 0.034 χ^2/NDF : 621503.6/74

- sign 29.880 ± 0.049 χ^2/NDF : 282224.6/37

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: 0.064 $\pm$ 0.003 χ^2 /NDF:1061.3/19

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2718.1/18

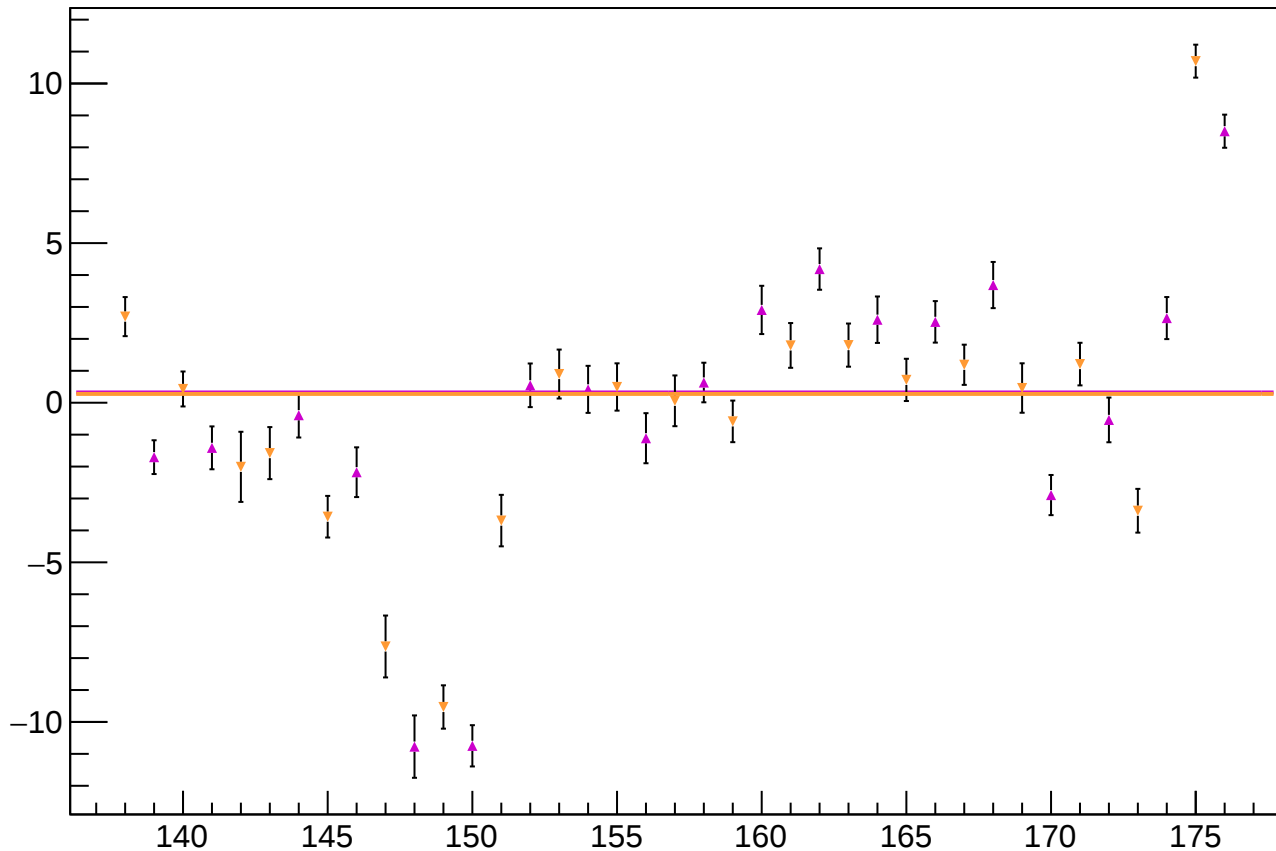
Left In: 0.070 $\pm$ 0.003 χ^2 /NDF:2108.8/18

+ sign 0.148 $\pm$ 0.002 χ^2 /NDF: 6308.0/36

All: 0.142 $\pm$ 0.001 χ^2 /NDF: 11959.3/74

- sign 0.136 $\pm$ 0.002 χ^2 /NDF: 5632.3/37

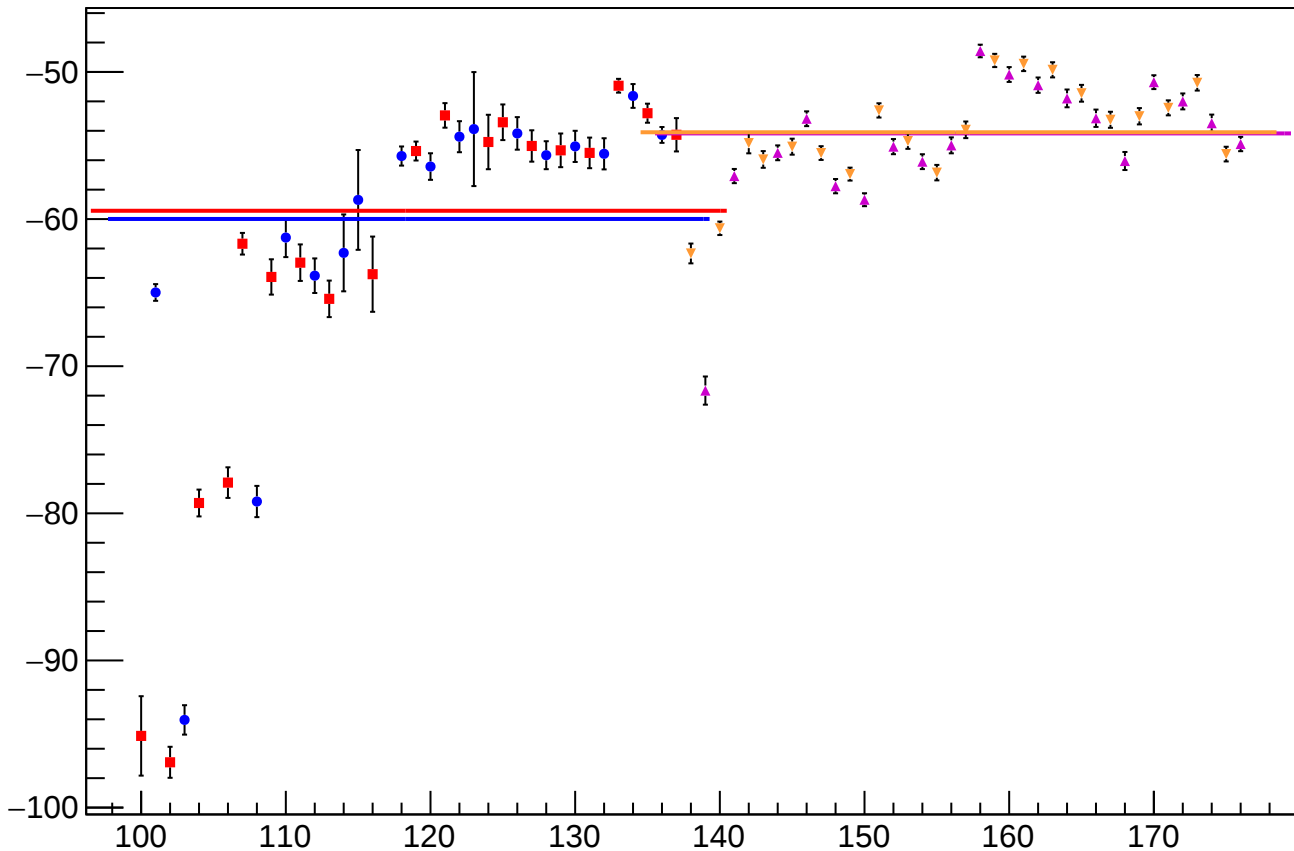
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.276 $\pm$ 0.155 χ^2 /NDF:812.7/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.321 $\pm$ 0.154 χ^2 /NDF:837.7/18

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.298 $\pm$ 0.109 χ^2 /NDF: 1650.5/38
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.992 ± 0.225 χ^2/NDF : 1972.9/16

Left Out: -54.100 ± 0.116 χ^2/NDF : 819.9/19

Right Out: -59.435 ± 0.212 χ^2/NDF : 2917.9/18

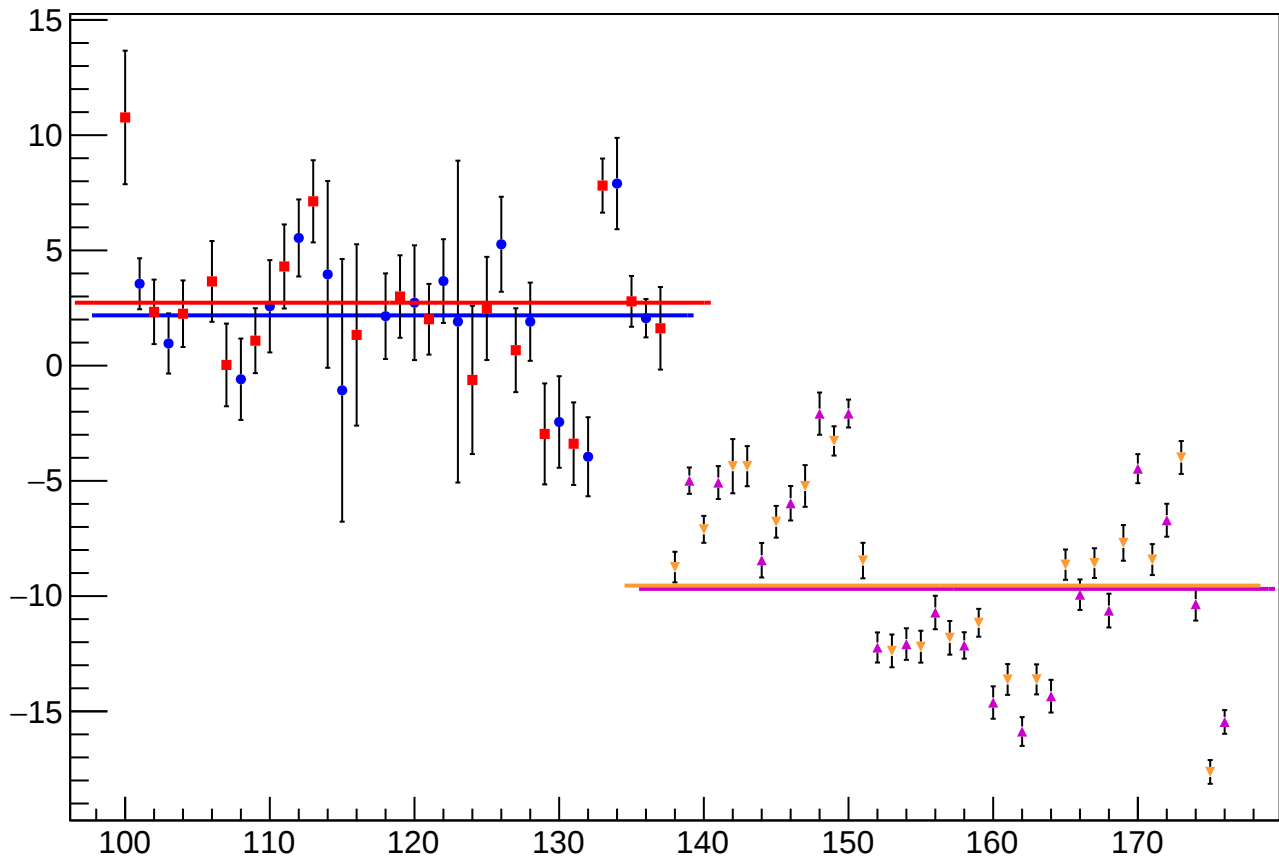
Left In: -54.178 ± 0.119 χ^2/NDF : 934.6/18

+ sign -55.344 ± 0.103 χ^2/NDF : 3334.0/36

All: -55.394 ± 0.073 χ^2/NDF : 7654.0/74

- sign -55.445 ± 0.104 χ^2/NDF : 4319.5/37

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: -9.543 ± 0.154 $\chi^2/\text{NDF}: 655.6/19$

Right Out: 2.731 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

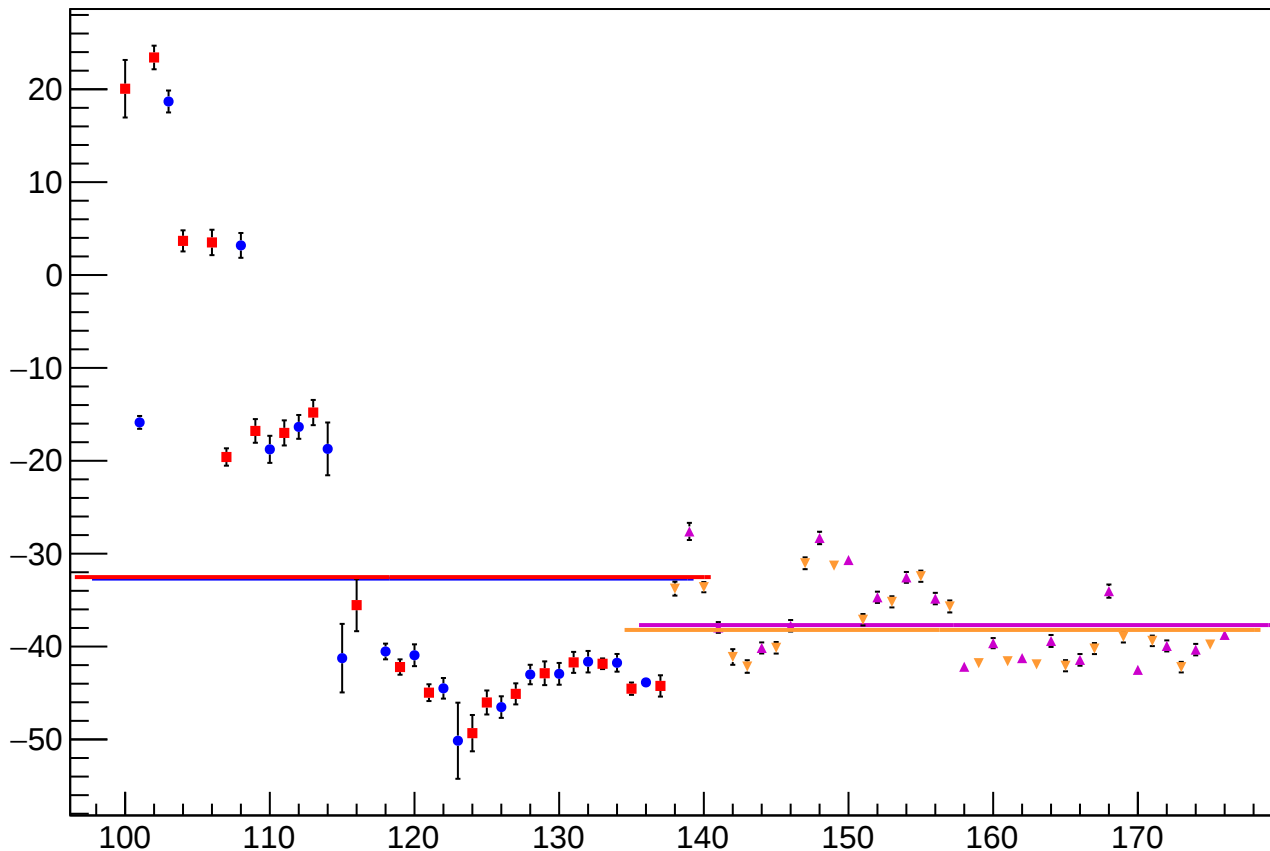
Left In: -9.687 ± 0.153 $\chi^2/\text{NDF}: 817.0/18$

+ sign -8.071 ± 0.144 $\chi^2/\text{NDF}: 1425.1/36$

All: -8.046 ± 0.101 $\chi^2/\text{NDF}: 3188.1/74$

- sign -8.021 ± 0.142 $\chi^2/\text{NDF}: 1762.9/37$

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: -38.212 ± 0.132 $\chi^2/\text{NDF}: 856.2/19$

Right Out: -32.523 ± 0.244 $\chi^2/\text{NDF}: 6045.3/18$

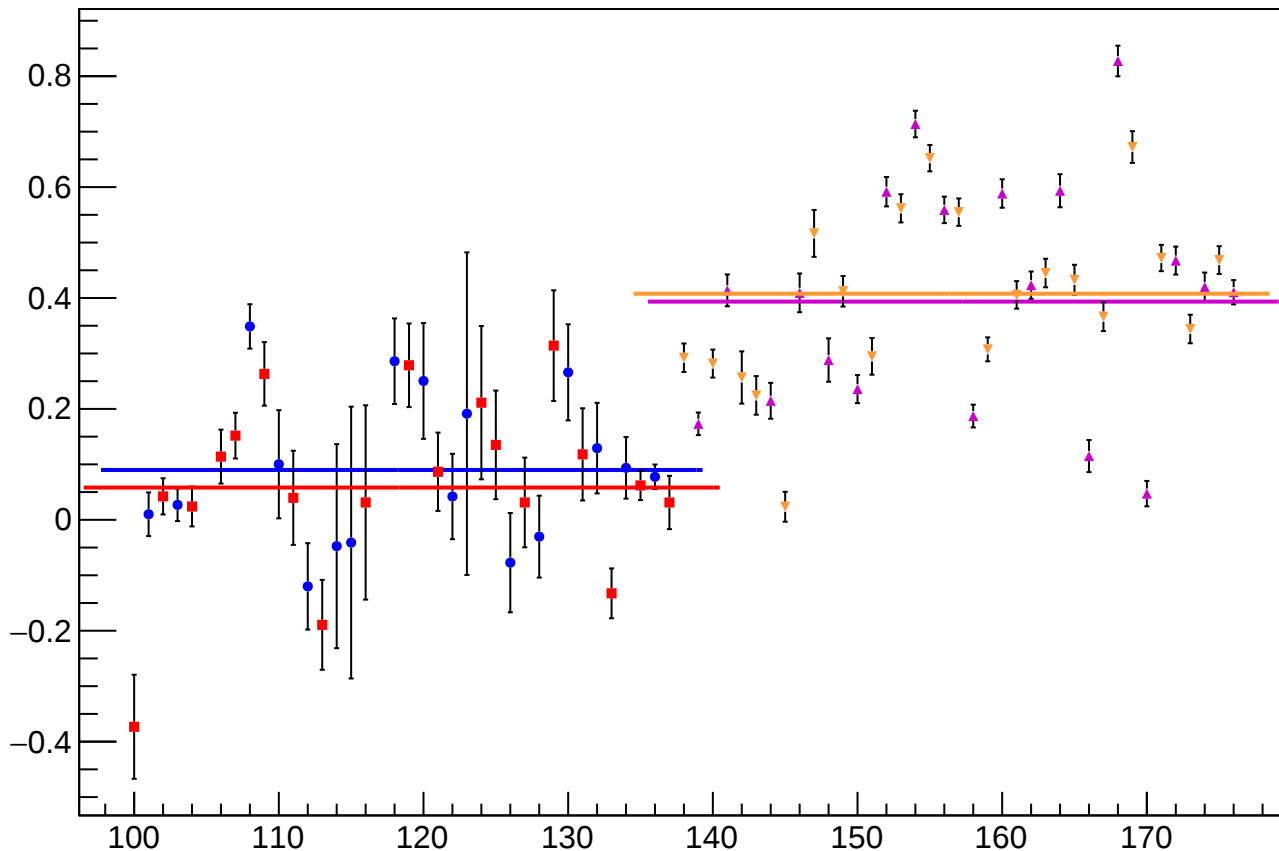
Left In: -37.689 ± 0.134 $\chi^2/\text{NDF}: 994.2/18$

+ sign -37.049 ± 0.117 $\chi^2/\text{NDF}: 5872.2/36$

All: -36.769 ± 0.083 $\chi^2/\text{NDF}: 13267.2/74$

- sign -36.488 ± 0.118 $\chi^2/\text{NDF}: 7383.6/37$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 78.8/16

Left Out: 0.408 ± 0.006 χ^2/NDF : 613.3/19

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.1/18

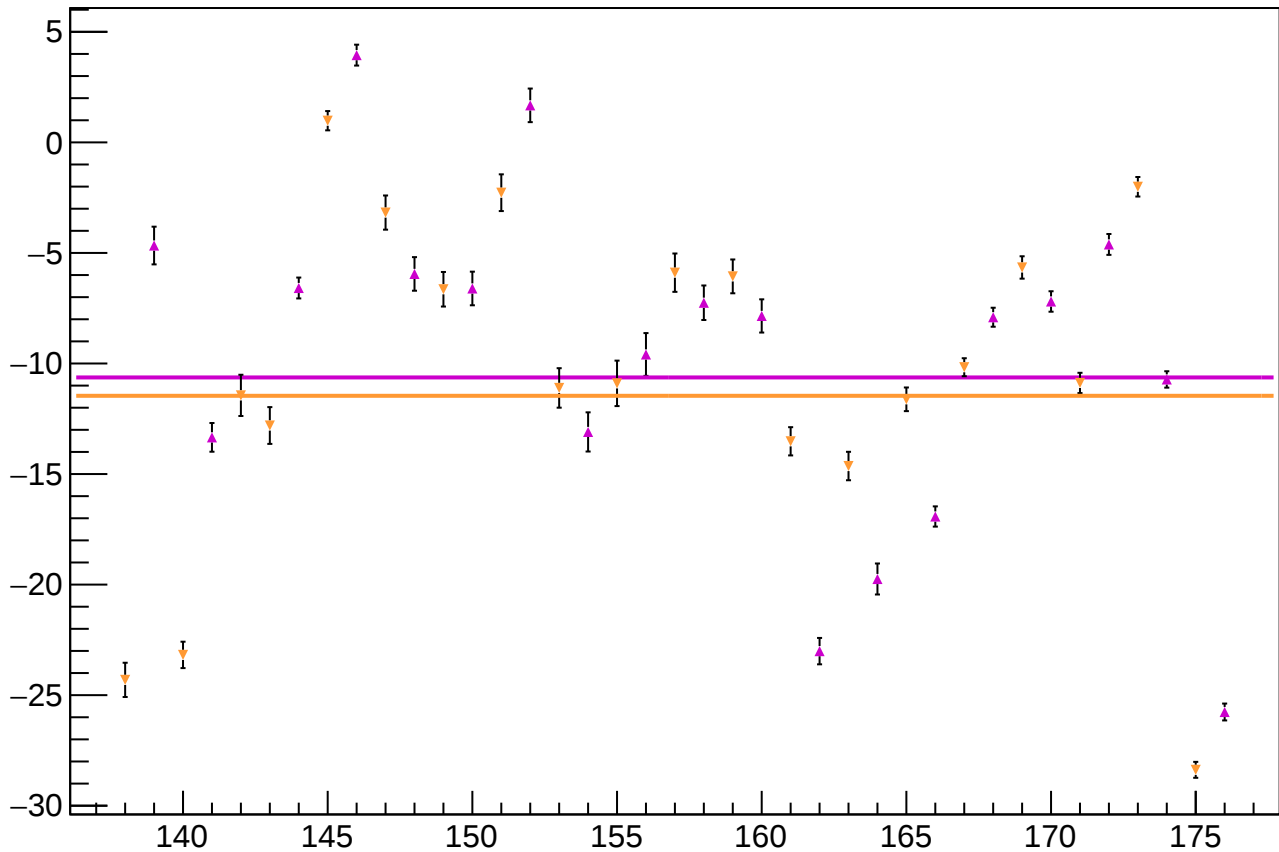
Left In: 0.393 ± 0.006 χ^2/NDF : 1259.4/18

+ sign 0.350 ± 0.005 χ^2/NDF : 1200.9/36

All: 0.340 ± 0.004 χ^2/NDF : 3169.1/74

- sign 0.330 ± 0.005 χ^2/NDF : 1961.1/37

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.461+/-0.131 χ^2/NDF : 4684.7/19

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

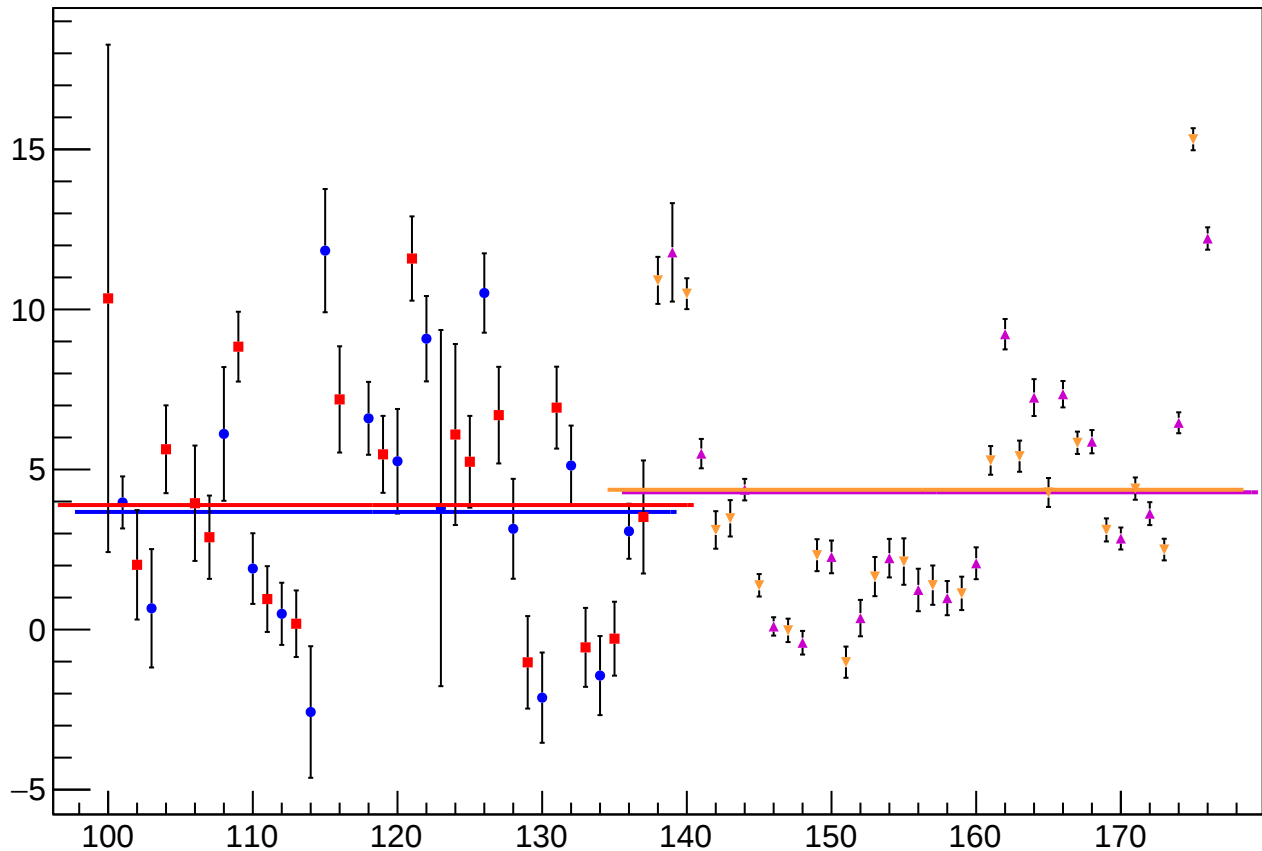
Left In: -10.631+/-0.127 χ^2/NDF : 4079.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.033+/-0.091 χ^2/NDF : 8784.6/38

- 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: 4.367 ± 0.099 χ^2/NDF : 1772.8/19

Right Out: 3.890 ± 0.316 χ^2/NDF : 133.7/18

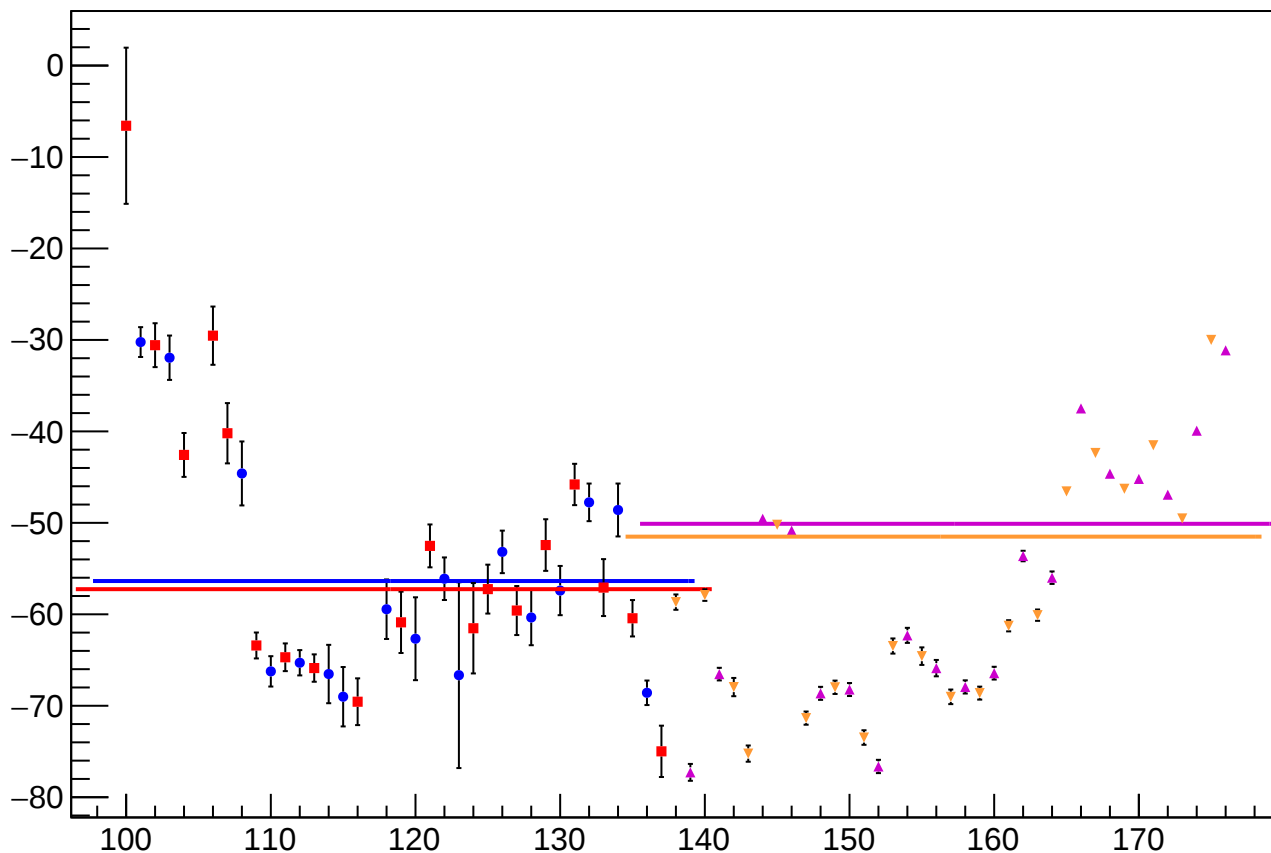
Left In: 4.288 ± 0.096 χ^2/NDF : 1349.1/18

+ sign 4.304 ± 0.094 χ^2/NDF : 1912.5/36

All: 4.278 ± 0.066 χ^2/NDF : 3396.9/74

- sign 4.254 ± 0.092 χ^2/NDF : 1484.2/37

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.362 ± 0.543 χ^2/NDF : 587.2/16

Left Out: -51.508 ± 0.131 χ^2/NDF : 9801.2/19

Right Out: -57.252 ± 0.536 χ^2/NDF : 476.0/18

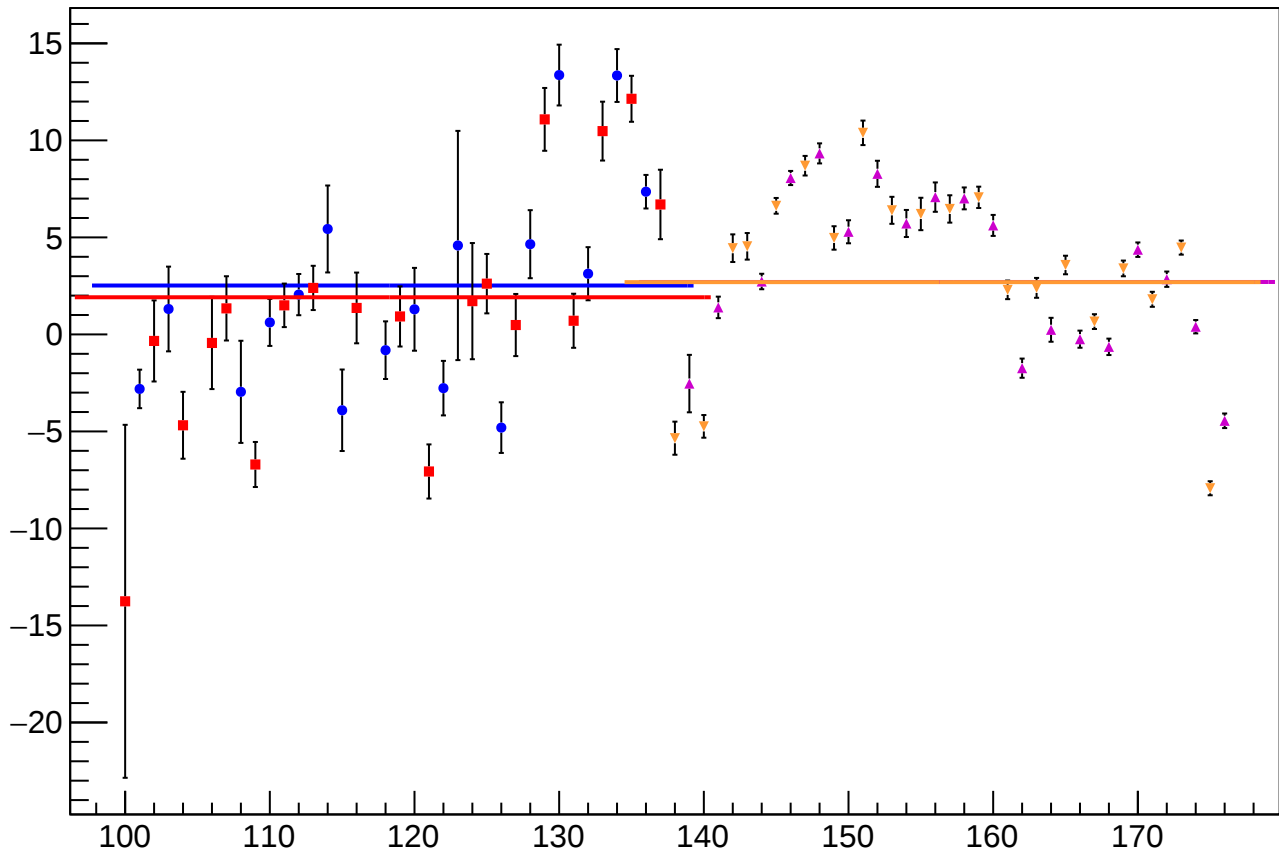
Left In: -50.104 ± 0.127 χ^2/NDF : 10103.6/18

+ sign -51.776 ± 0.128 χ^2/NDF : 10463.8/36

All: -51.110 ± 0.089 χ^2/NDF : 21264.2/74

- sign -50.486 ± 0.124 χ^2/NDF : 10747.8/37

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.520 ± 0.347 χ^2/NDF : 242.3/16

Left Out: 2.694 ± 0.112 χ^2/NDF : 1726.7/19

Right Out: 1.914 ± 0.355 χ^2/NDF : 264.5/18

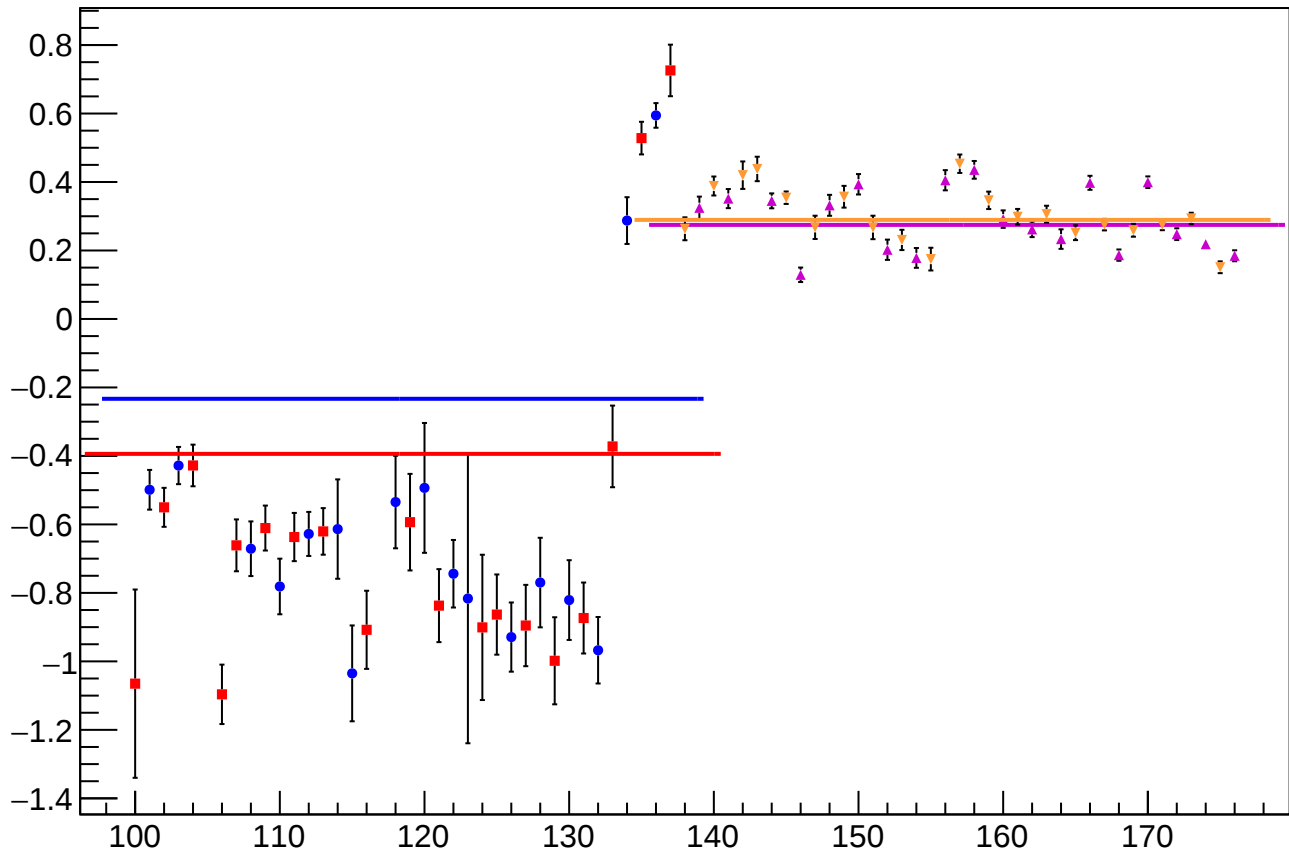
Left In: 2.702 ± 0.110 χ^2/NDF : 1256.9/18

+ sign 2.678 ± 0.107 χ^2/NDF : 1969.3/36

All: 2.655 ± 0.075 χ^2/NDF : 3495.2/74

- sign 2.633 ± 0.105 χ^2/NDF : 1525.9/37

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.233 ± 0.019 χ^2/NDF : 956.8/16

Left Out: 0.289 ± 0.005 χ^2/NDF : 189.3/19

Right Out: -0.394 ± 0.019 χ^2/NDF : 845.2/18

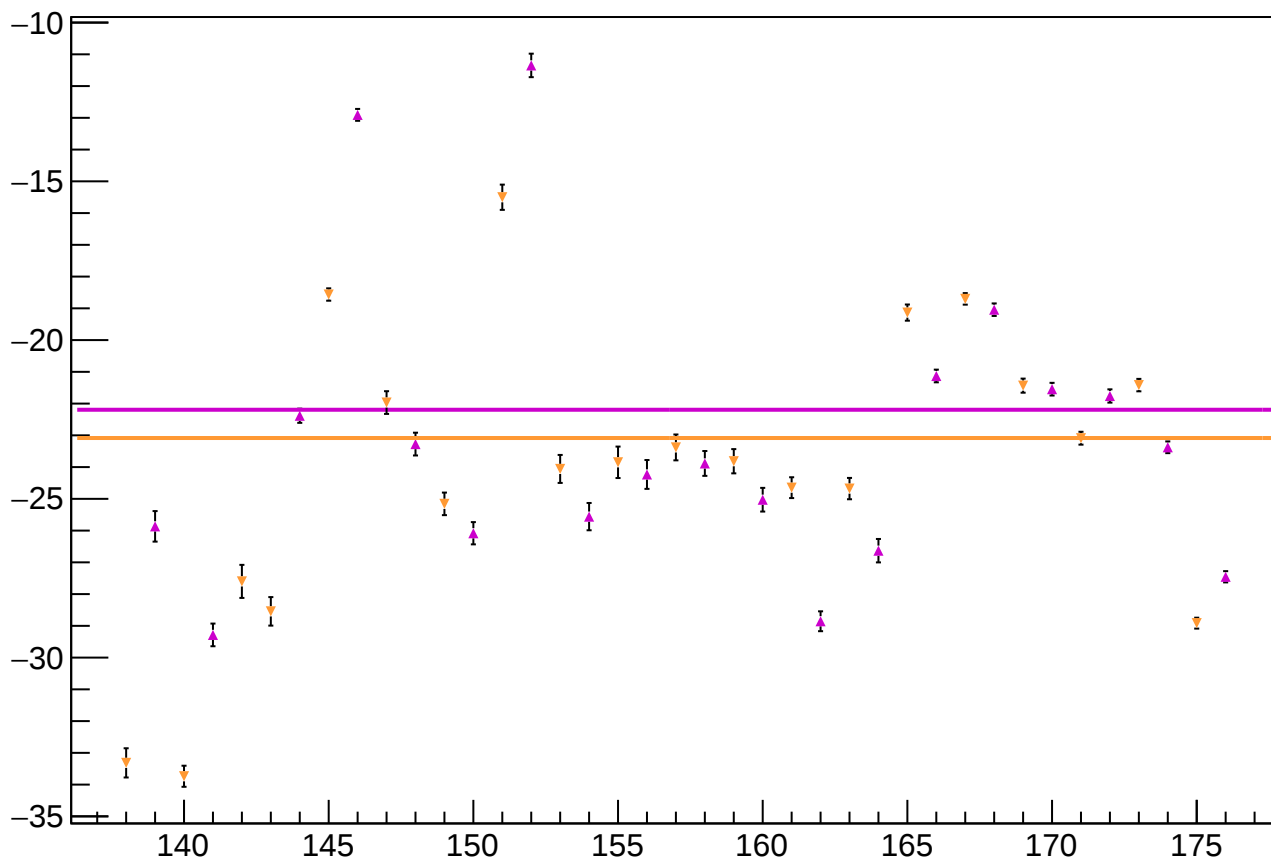
Left In: 0.275 ± 0.005 χ^2/NDF : 333.2/18

+ sign 0.253 ± 0.005 χ^2/NDF : 1856.5/36

All: 0.242 ± 0.003 χ^2/NDF : 4204.2/74

- sign 0.231 ± 0.005 χ^2/NDF : 2338.2/37

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.084 $\pm$ 0.062 χ^2 /NDF: 4850.1/19

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

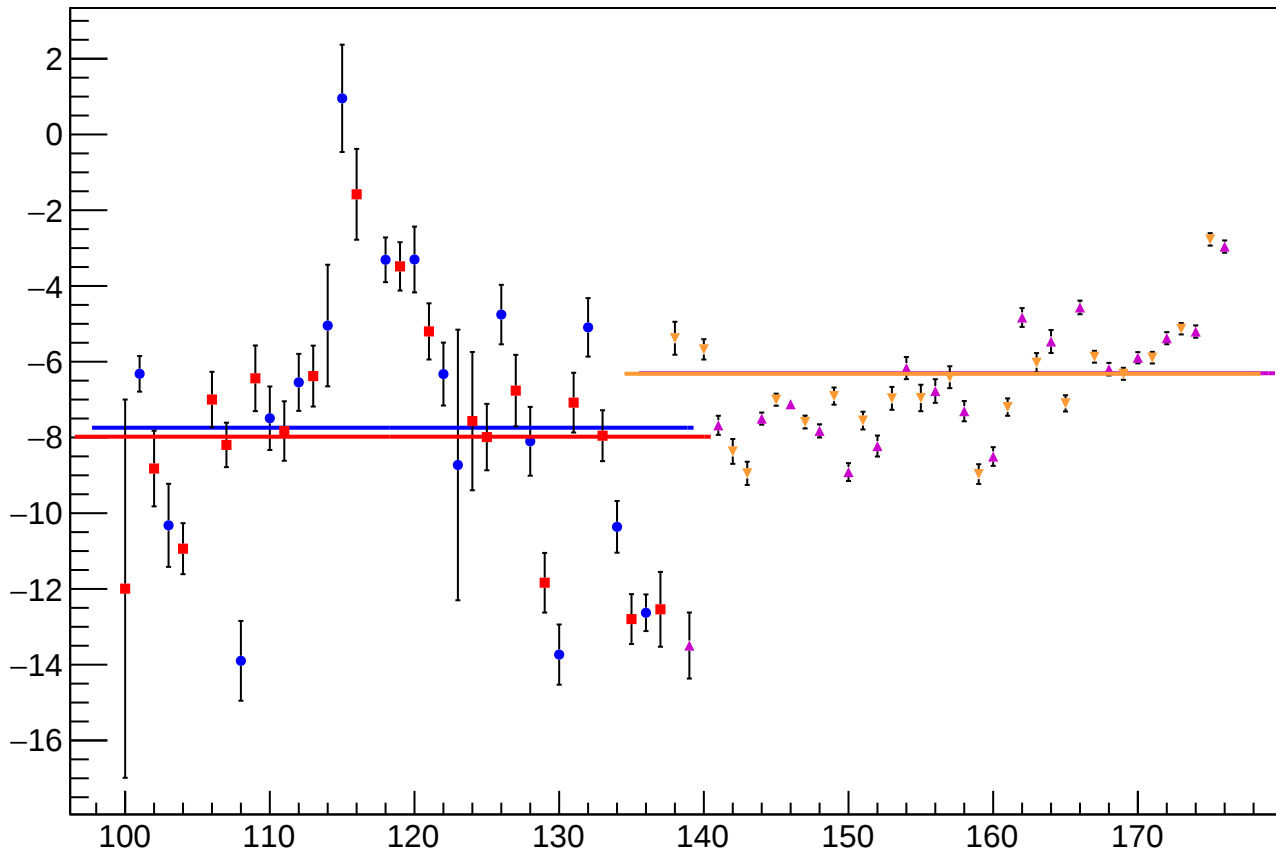
Left In: -22.194 $\pm$ 0.059 χ^2 /NDF: 5875.6/18

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

All: -22.620 $\pm$ 0.043 χ^2 /NDF: 10833.7/38

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

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.743 ± 0.187 χ^2/NDF : 377.5/16

Left Out: -6.318 ± 0.047 χ^2/NDF : 918.2/19

Right Out: -7.981 ± 0.186 χ^2/NDF : 223.5/18

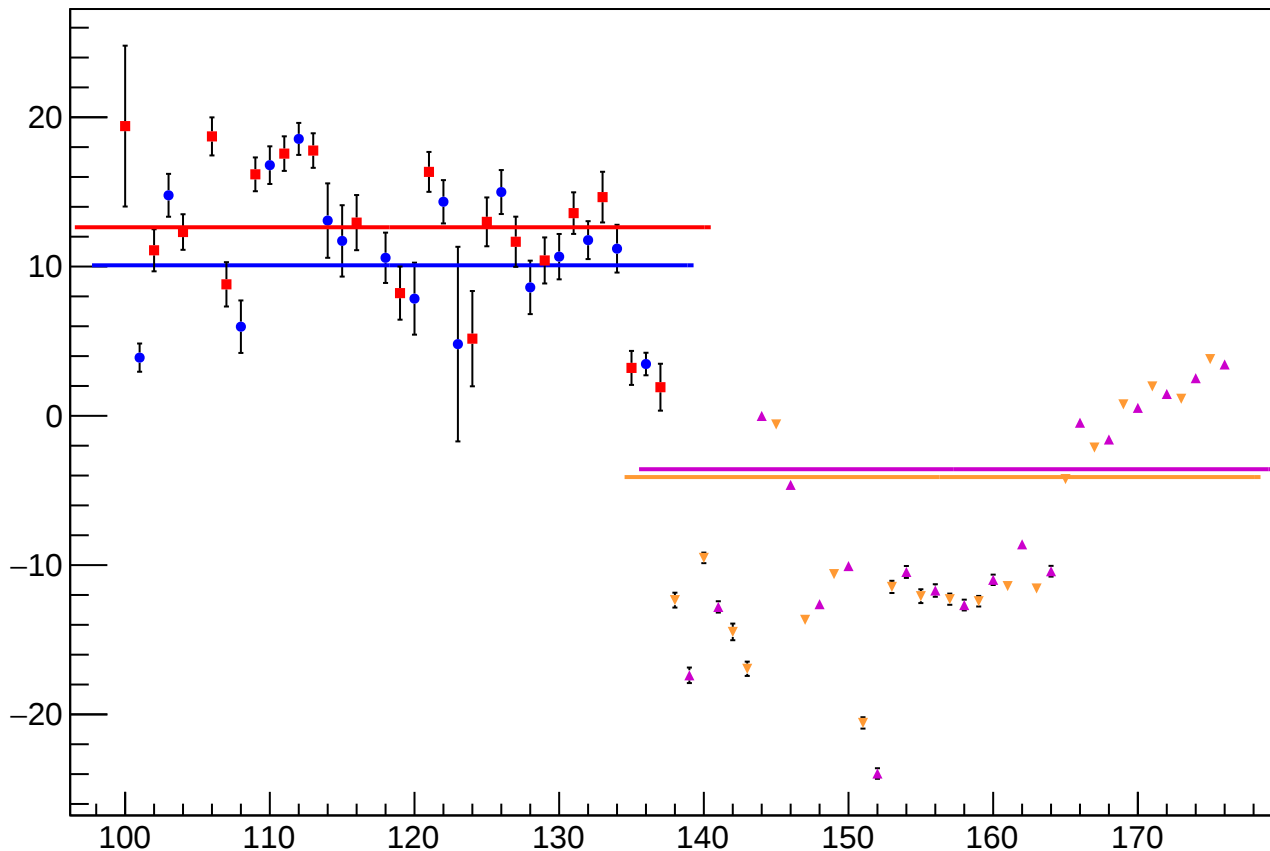
Left In: -6.305 ± 0.045 χ^2/NDF : 1191.1/18

+ sign -6.402 ± 0.045 χ^2/NDF : 1350.3/36

All: -6.399 ± 0.031 χ^2/NDF : 2841.8/74

- sign -6.396 ± 0.043 χ^2/NDF : 1491.5/37

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.083 ± 0.338 χ^2/NDF : 252.7/16

Left Out: -4.102 ± 0.062 χ^2/NDF : 11910.9/19

Right Out: 12.632 ± 0.333 χ^2/NDF : 218.6/18

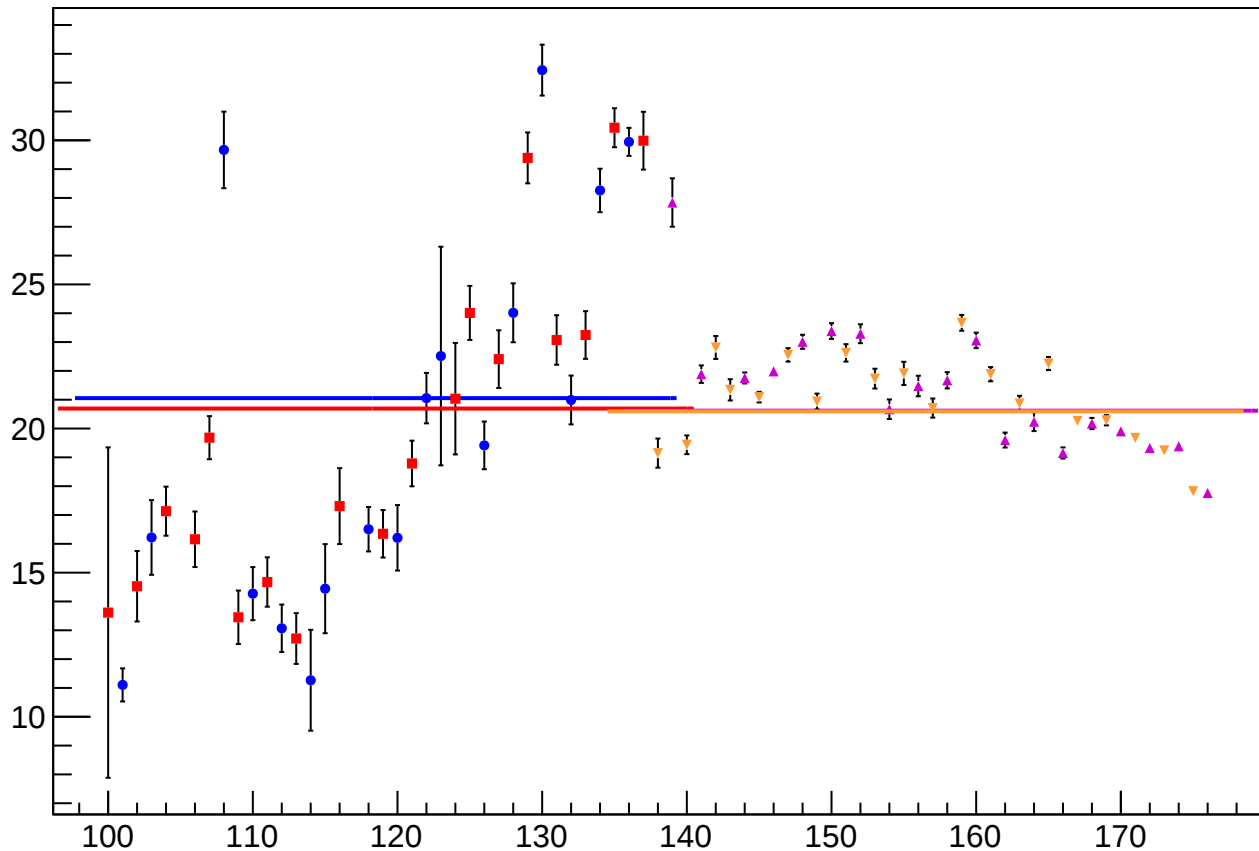
Left In: -3.576 ± 0.059 χ^2/NDF : 12215.7/18

+ sign -3.640 ± 0.061 χ^2/NDF : 13868.3/36

All: -3.346 ± 0.042 χ^2/NDF : 28647.8/74

- sign -3.078 ± 0.058 χ^2/NDF : 14735.2/37

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: 20.596 $\pm$ 0.053 χ^2 /NDF: 772.0/19

Right Out: 20.694 $\pm$ 0.213 χ^2 /NDF: 724.1/18

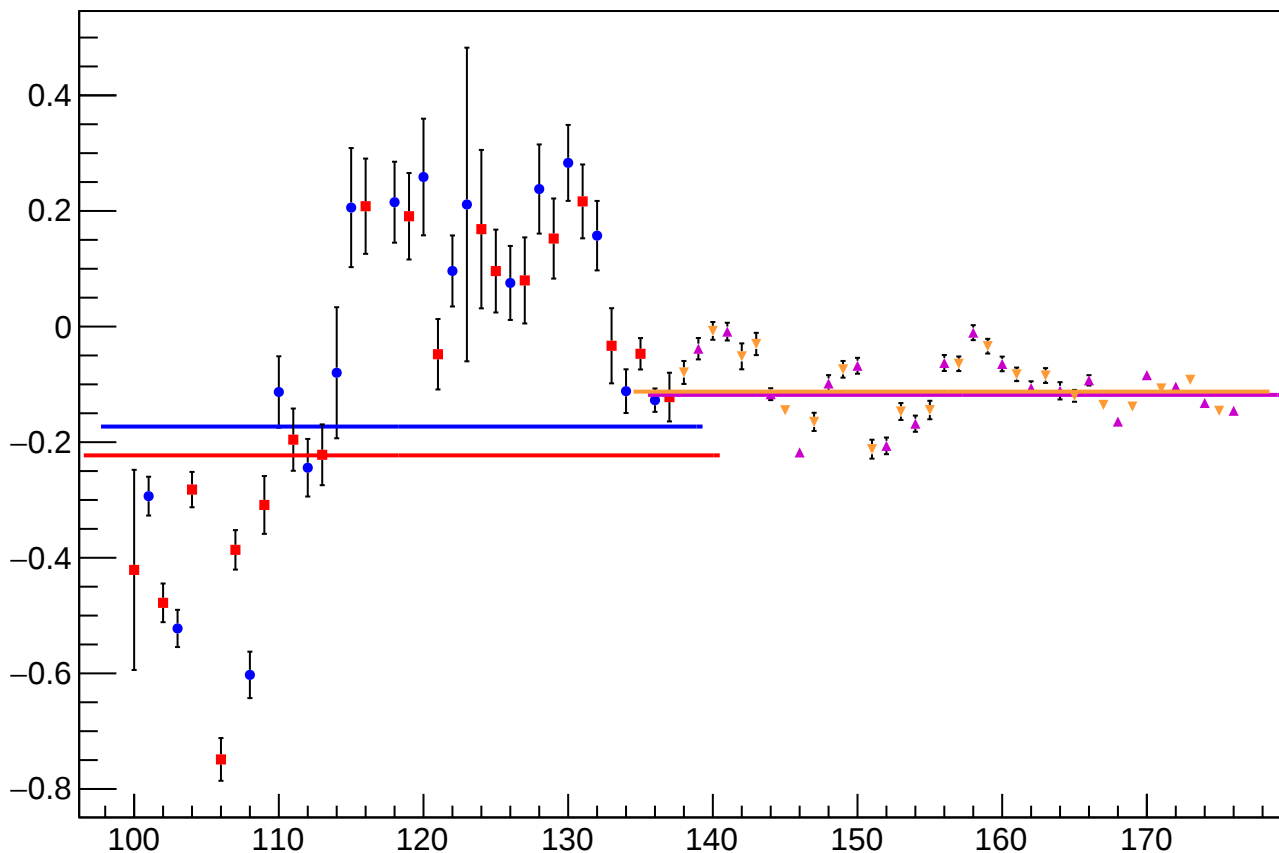
Left In: 20.619 $\pm$ 0.051 χ^2 /NDF: 1052.2/18

+ sign 20.623 $\pm$ 0.051 χ^2 /NDF: 1988.2/36

All: 20.623 $\pm$ 0.036 χ^2 /NDF: 3764.6/74

- sign 20.623 $\pm$ 0.050 χ^2 /NDF: 1776.4/37

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.173 ± 0.011 χ^2/NDF : 461.8/16

Left Out: -0.113 ± 0.002 χ^2/NDF : 263.9/19

Right Out: -0.223 ± 0.011 χ^2/NDF : 535.1/18

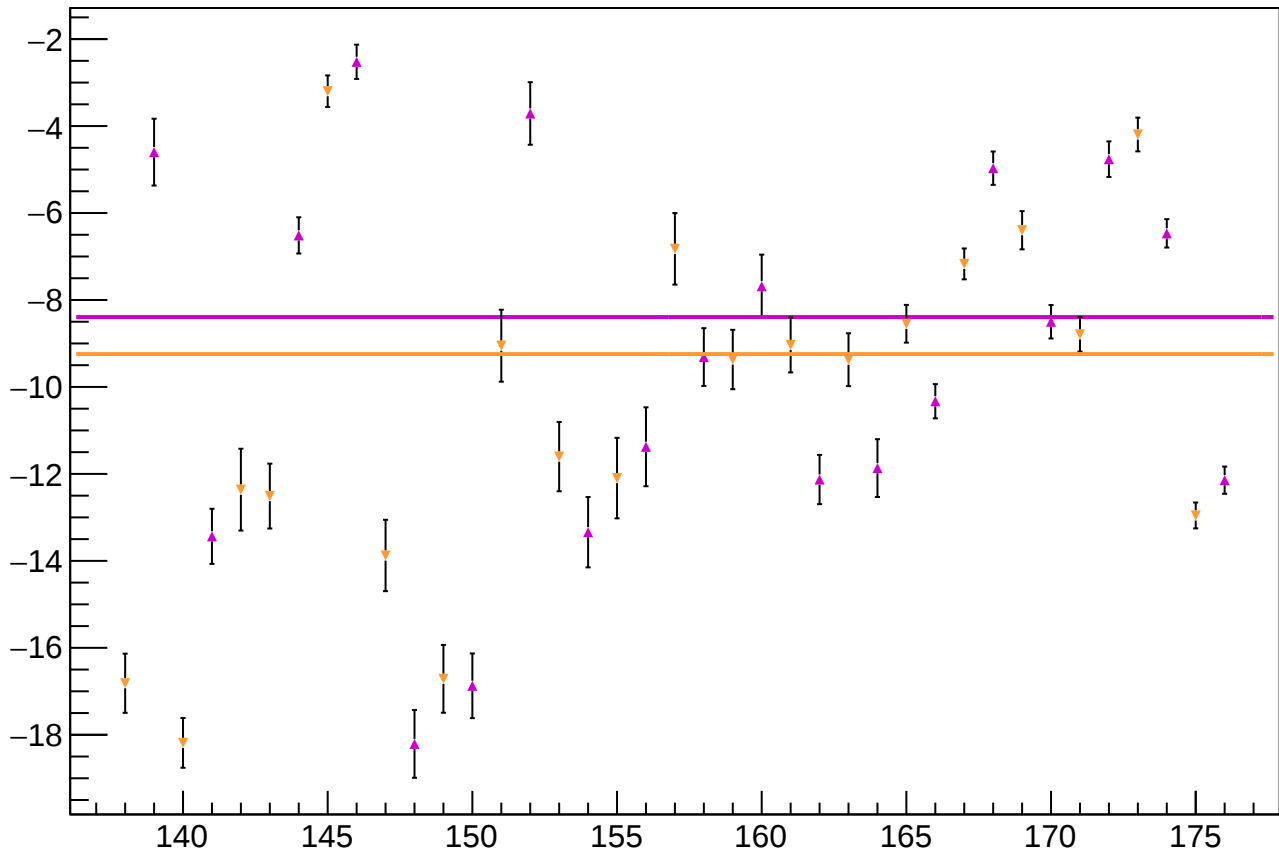
Left In: -0.118 ± 0.002 χ^2/NDF : 465.6/18

+ sign -0.115 ± 0.002 χ^2/NDF : 753.5/36

All: -0.119 ± 0.002 χ^2/NDF : 1846.6/74

- sign -0.123 ± 0.002 χ^2/NDF : 1087.9/37

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.244 $\pm$ 0.116 χ^2 /NDF:1231.8/19

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

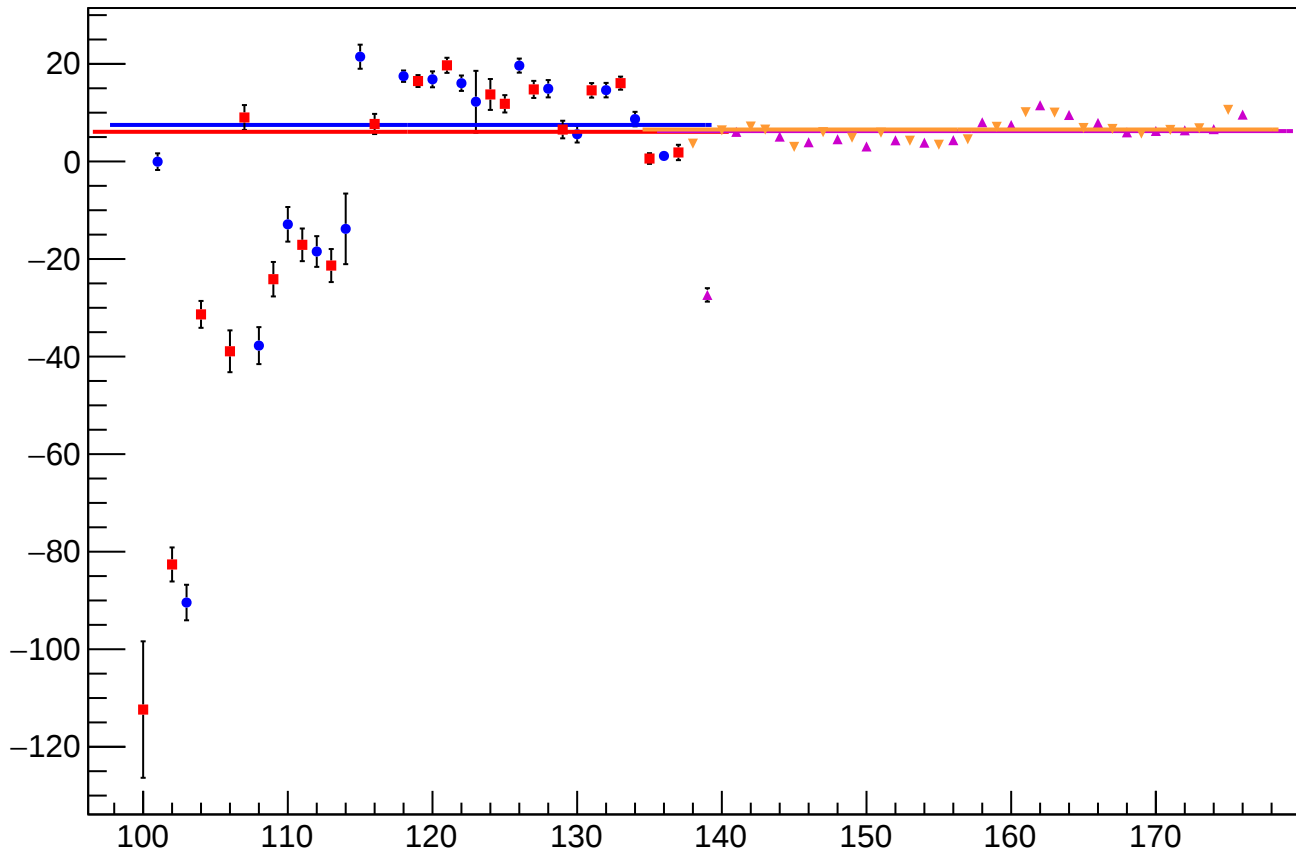
Left In: -8.393 $\pm$ 0.112 χ^2 /NDF:1143.8/18

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

All: -8.805 $\pm$ 0.081 χ^2 /NDF: 2403.6/38

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

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.488 $\pm$ 0.407 χ^2 /NDF: 1340.5/16

Left Out: 6.553 $\pm$ 0.089 χ^2 /NDF: 572.0/19

Right Out: 6.078 $\pm$ 0.434 χ^2 /NDF: 1512.1/18

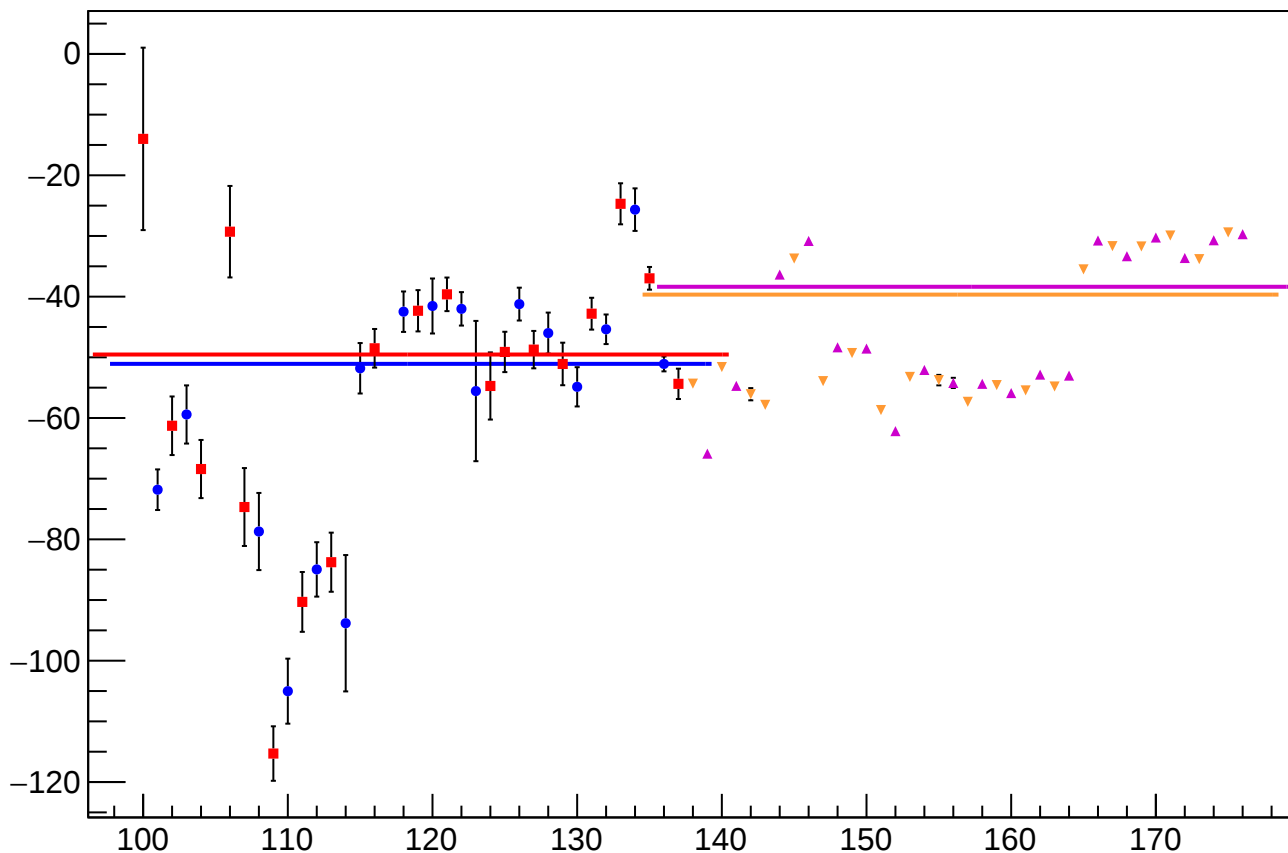
Left In: 6.224 $\pm$ 0.086 χ^2 /NDF: 1148.0/18

+ sign 6.595 $\pm$ 0.087 χ^2 /NDF: 1917.6/36

All: 6.402 $\pm$ 0.061 χ^2 /NDF: 4587.5/74

- sign 6.218 $\pm$ 0.085 χ^2 /NDF: 2660.2/37

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.077 ± 0.741 χ^2/NDF : 330.2/16

Left Out: -39.664 ± 0.116 χ^2/NDF : 8839.8/19

Right Out: -49.537 ± 0.798 χ^2/NDF : 509.6/18

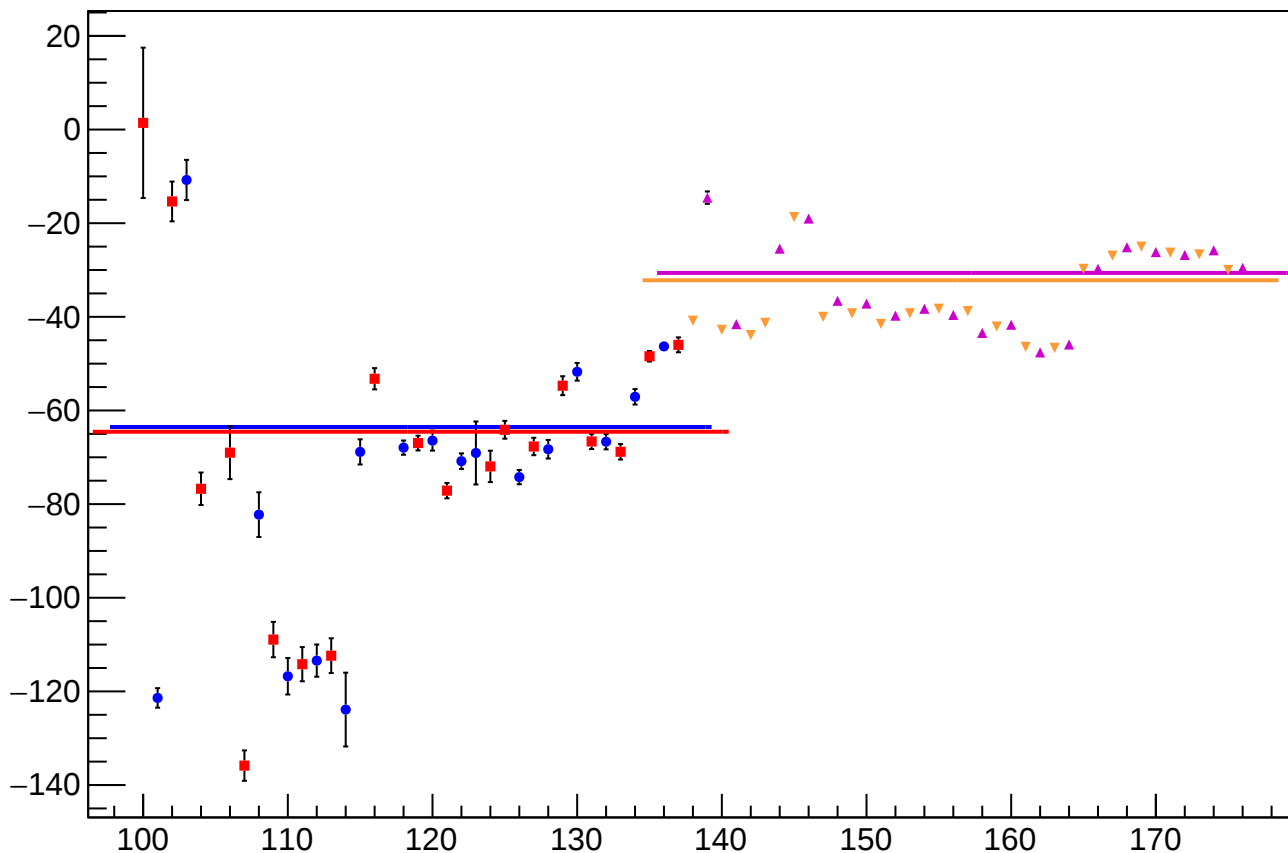
Left In: -38.372 ± 0.112 χ^2/NDF : 9306.5/18

+ sign -39.939 ± 0.115 χ^2/NDF : 9401.6/36

All: -39.242 ± 0.080 χ^2/NDF : 19480.5/74

- sign -38.589 ± 0.111 χ^2/NDF : 10007.8/37

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.525 ± 0.449 χ^2/NDF : 2010.9/16

Left Out: -32.195 ± 0.100 χ^2/NDF : 7034.1/19

Right Out: -64.540 ± 0.483 χ^2/NDF : 1603.1/18

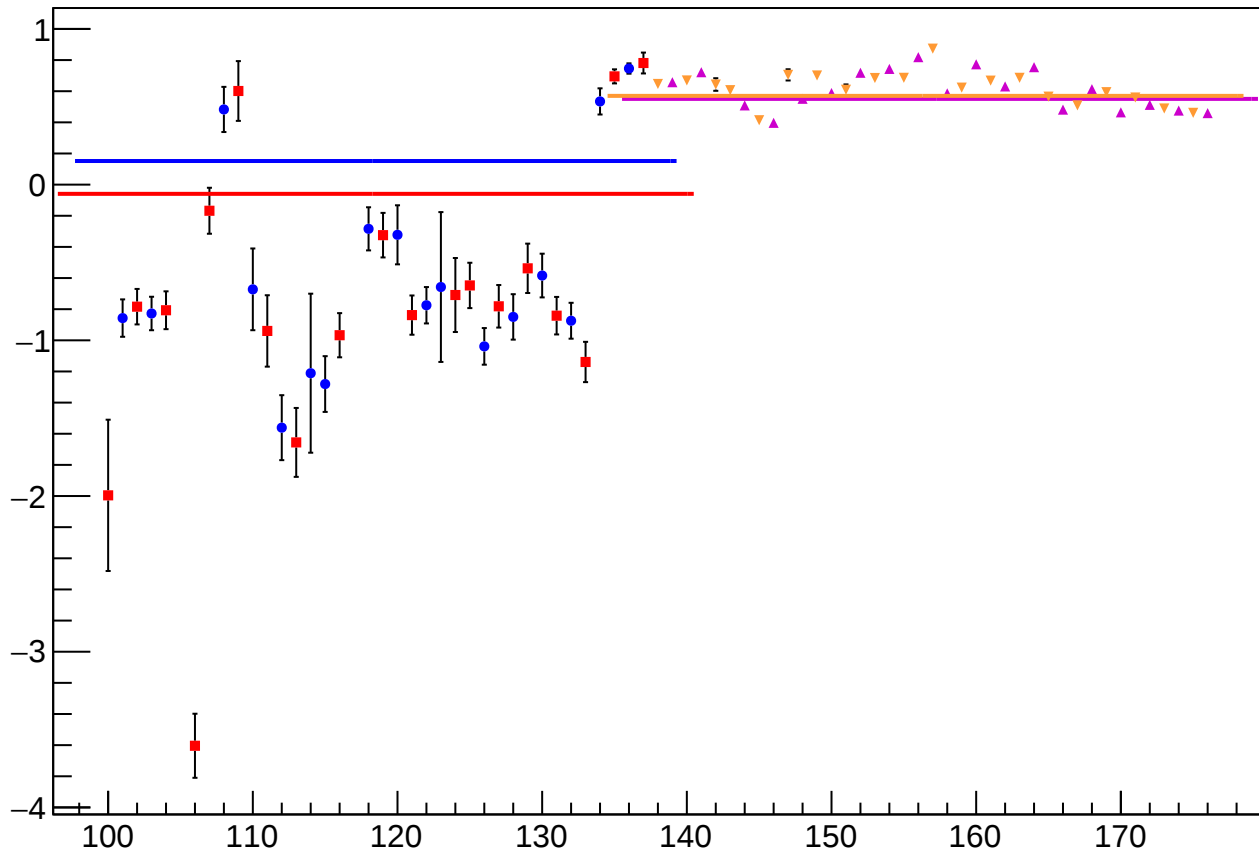
Left In: -30.618 ± 0.097 χ^2/NDF : 6854.3/18

+ sign -33.670 ± 0.097 χ^2/NDF : 13691.7/36

All: -32.792 ± 0.068 χ^2/NDF : 27048.7/74

- sign -31.947 ± 0.096 χ^2/NDF : 13197.5/37

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 ± 0.024 $\chi^2/\text{NDF}: 987.4/16$

Left Out: 0.570 ± 0.005 $\chi^2/\text{NDF}: 496.2/19$

Right Out: -0.059 ± 0.026 $\chi^2/\text{NDF}: 1161.9/18$

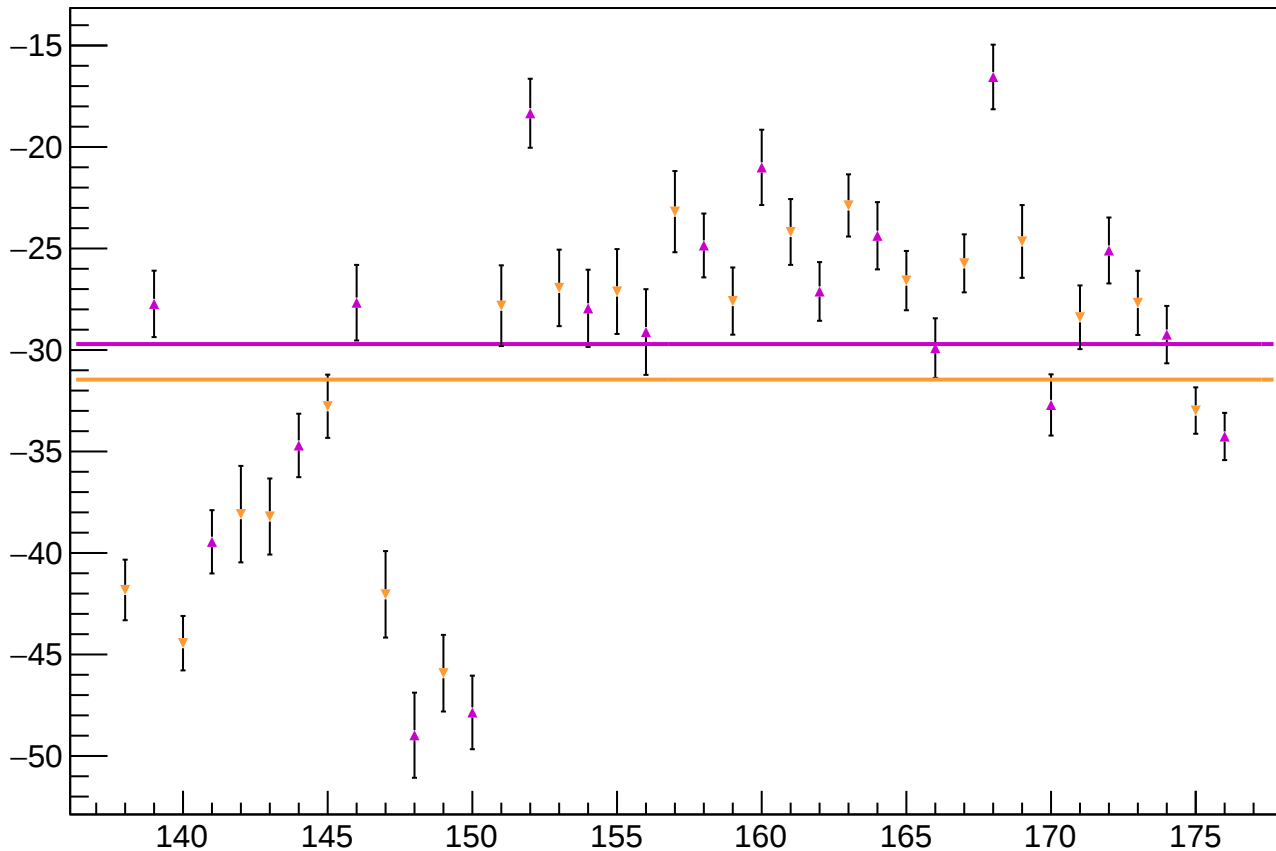
Left In: 0.551 ± 0.004 $\chi^2/\text{NDF}: 630.3/18$

+ sign 0.555 ± 0.005 $\chi^2/\text{NDF}: 1775.9/36$

All: 0.544 ± 0.003 $\chi^2/\text{NDF}: 4102.9/74$

- sign 0.534 ± 0.004 $\chi^2/\text{NDF}: 2315.3/37$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.459 $\pm$ 0.367 χ^2 /NDF:387.2/19

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

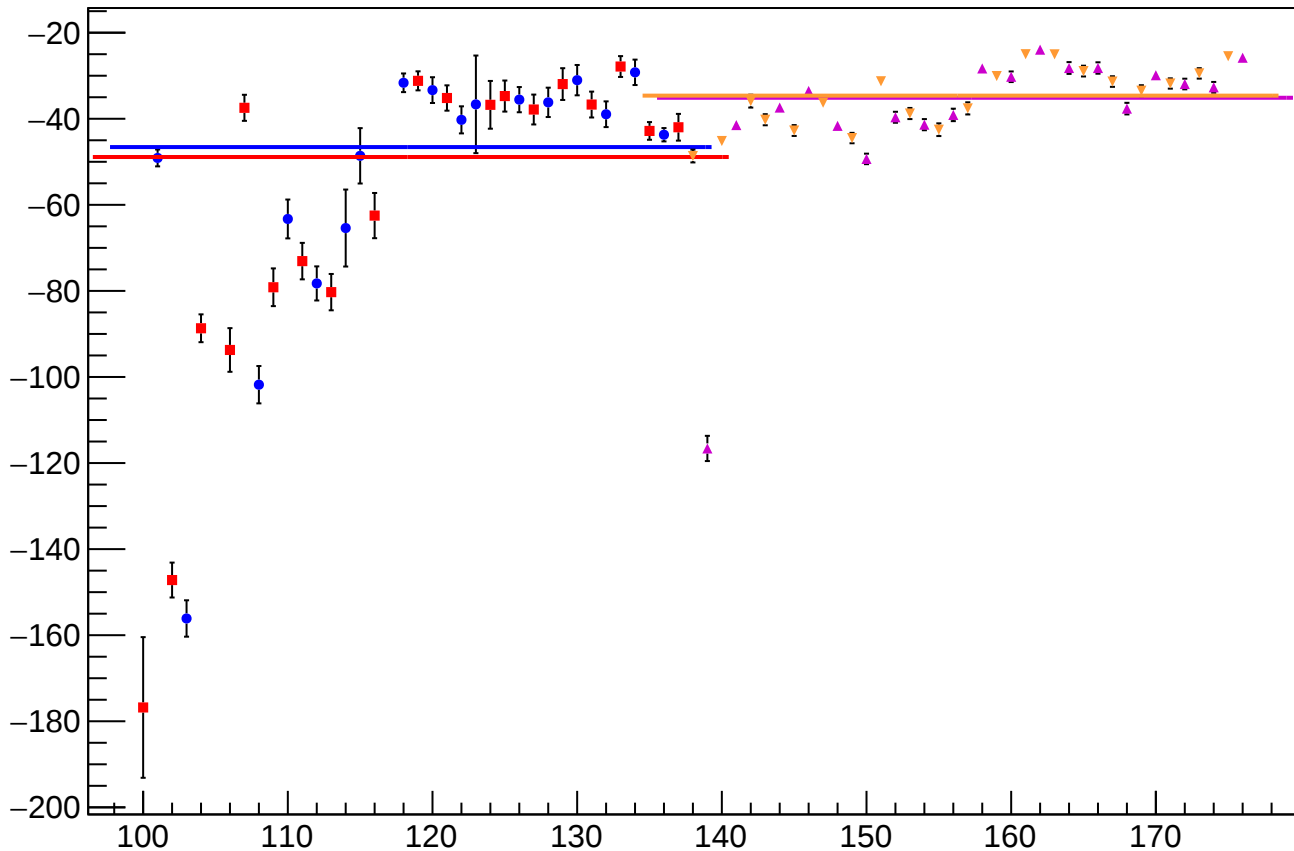
Left In: -29.708 $\pm$ 0.370 χ^2 /NDF:423.4/18

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

All: -30.589 $\pm$ 0.261 χ^2 /NDF: 821.8/38

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

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.579 ± 0.730 χ^2/NDF : 1076.4/16

Left Out: -34.626 ± 0.274 χ^2/NDF : 640.0/19

Right Out: -48.888 ± 0.763 χ^2/NDF : 1277.5/18

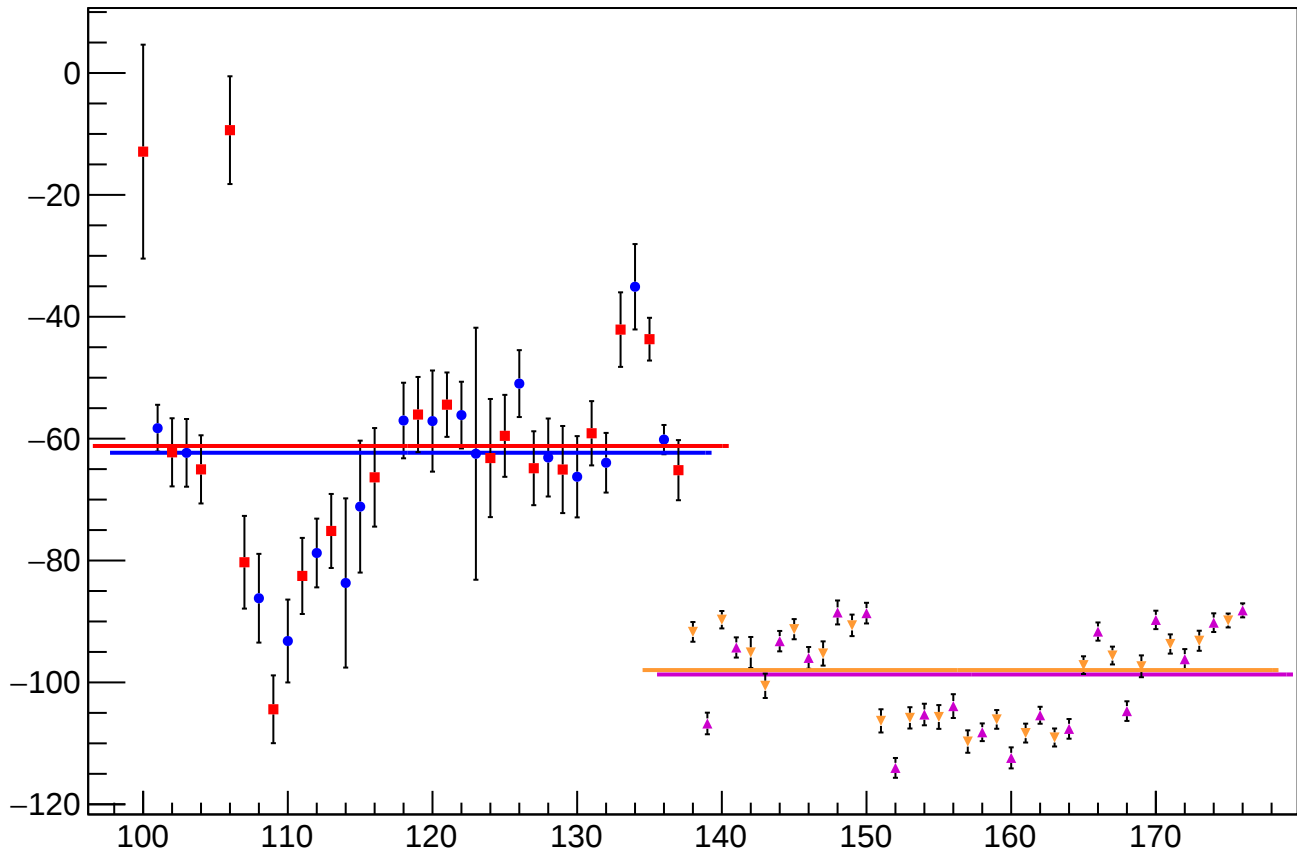
Left In: -35.122 ± 0.281 χ^2/NDF : 1341.6/18

+ sign -36.105 ± 0.257 χ^2/NDF : 1951.5/36

All: -36.427 ± 0.184 χ^2/NDF : 4860.2/74

- sign -36.766 ± 0.264 χ^2/NDF : 2905.4/37

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.315 ± 1.316 $\chi^2/\text{NDF}: 67.1/16$

Left Out: -97.975 ± 0.366 $\chi^2/\text{NDF}: 380.8/19$

Right Out: -61.203 ± 1.381 $\chi^2/\text{NDF}: 165.0/18$

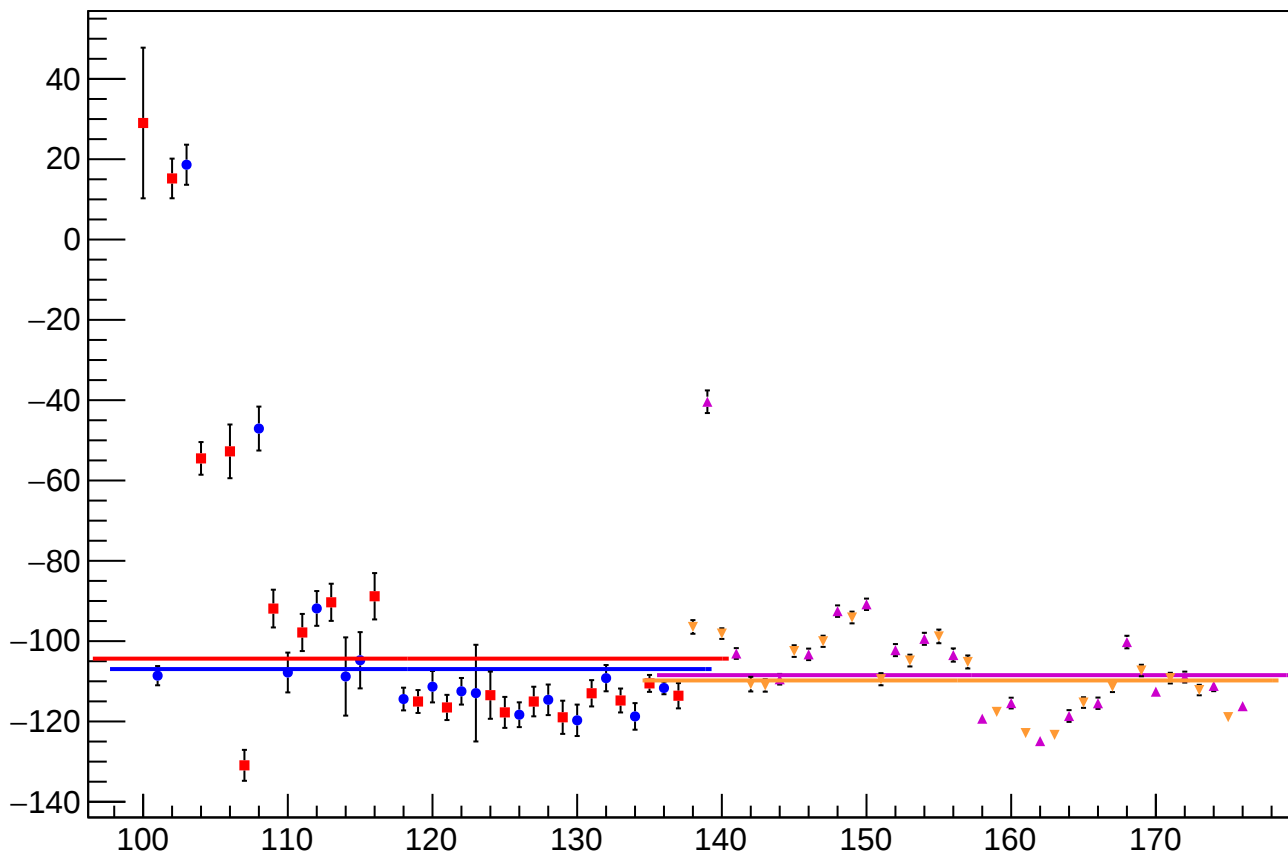
Left In: -98.698 ± 0.366 $\chi^2/\text{NDF}: 559.5/18$

+ sign -95.414 ± 0.353 $\chi^2/\text{NDF}: 1129.9/36$

All: -95.820 ± 0.250 $\chi^2/\text{NDF}: 2545.7/74$

- sign -96.231 ± 0.354 $\chi^2/\text{NDF}: 1413.2/37$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -106.954 ± 0.817 χ^2/NDF : 827.2/16

Left Out: -109.787 ± 0.312 χ^2/NDF : 759.6/19

Right Out: -104.356 ± 0.861 χ^2/NDF : 1021.0/18

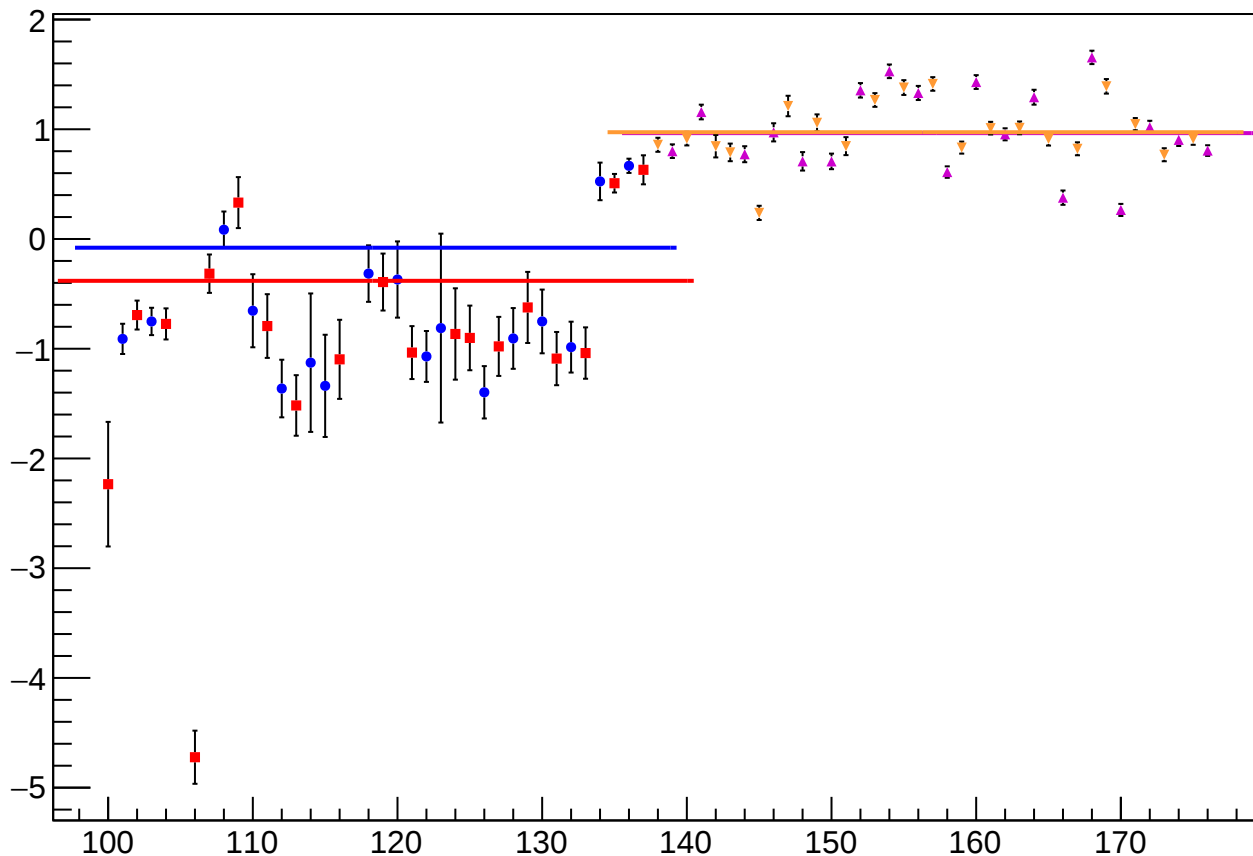
Left In: -108.468 ± 0.318 χ^2/NDF : 1417.8/18

+ sign -109.426 ± 0.291 χ^2/NDF : 1597.3/36

All: -108.718 ± 0.208 χ^2/NDF : 4068.3/74

- sign -107.975 ± 0.298 χ^2/NDF : 2458.9/37

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.079 ± 0.042 χ^2/NDF : 328.5/16

Left Out: 0.973 ± 0.014 χ^2/NDF : 327.6/19

Right Out: -0.381 ± 0.044 χ^2/NDF : 580.5/18

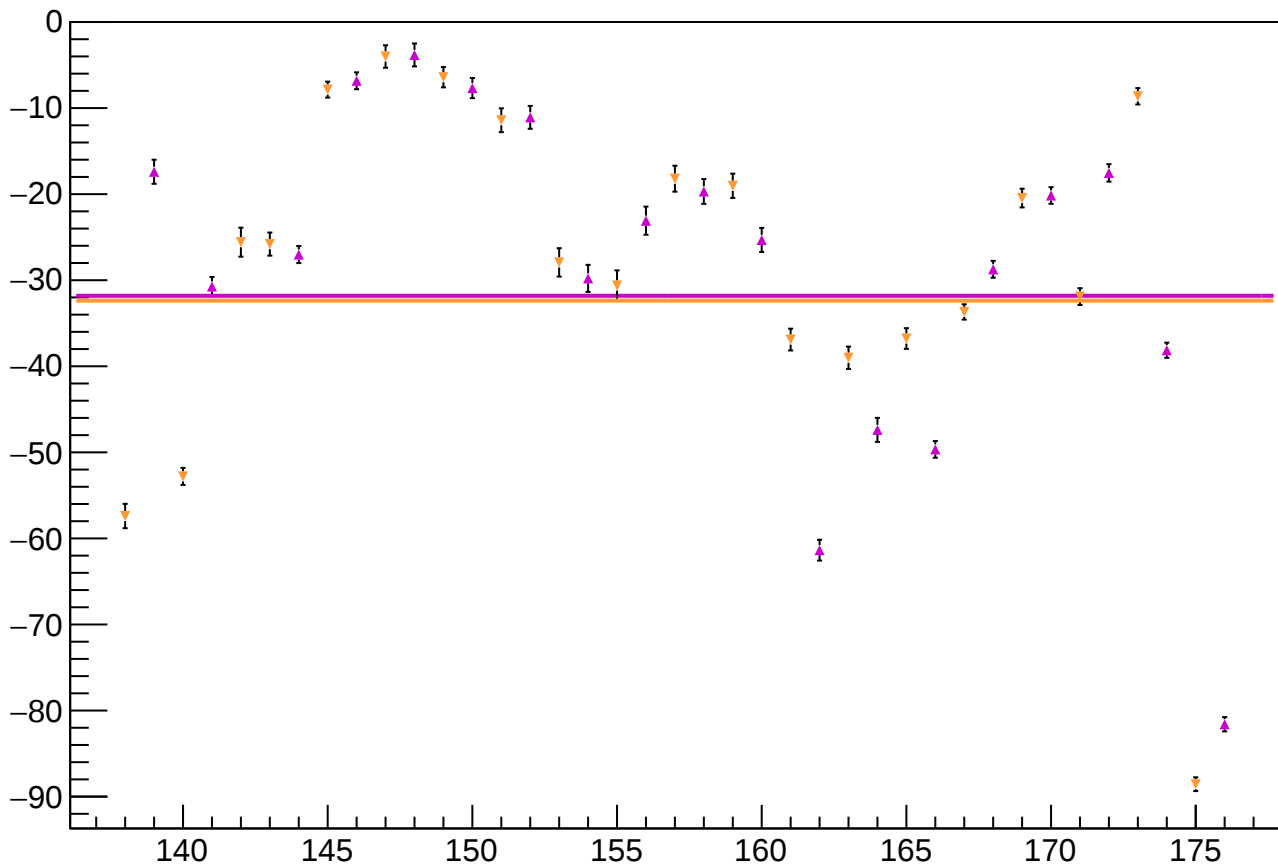
Left In: 0.965 ± 0.014 χ^2/NDF : 700.8/18

+ sign 0.863 ± 0.014 χ^2/NDF : 1211.4/36

All: 0.850 ± 0.010 χ^2/NDF : 3341.1/74

- sign 0.837 ± 0.014 χ^2/NDF : 2127.8/37

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -32.374+/-0.260 χ^2/NDF : 8574.5/19

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

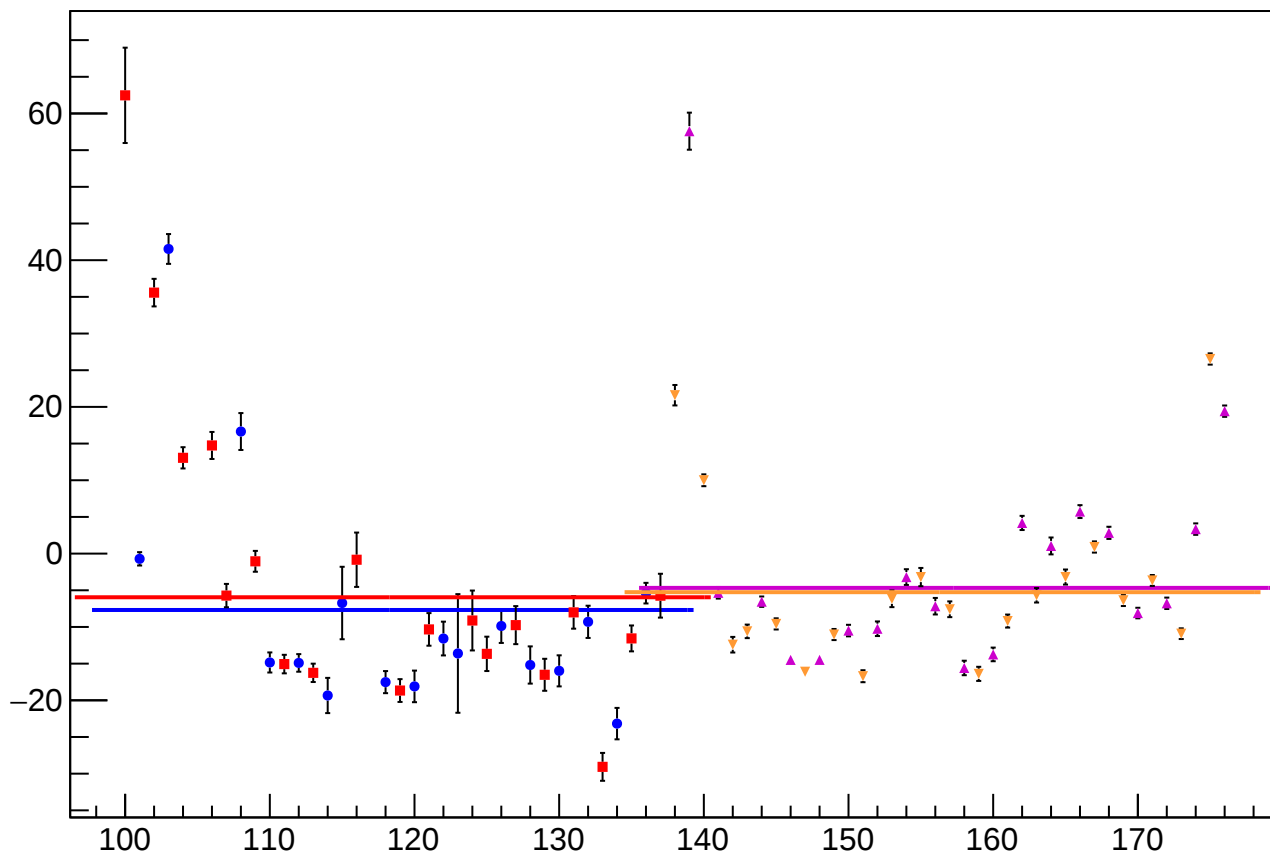
Left In: -31.807+/-0.257 χ^2/NDF : 7063.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.088+/-0.183 χ^2/NDF : 15639.9/38

- 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: -5.259+/-0.192 χ^2 /NDF: 3405.1/19

Right Out: -5.953+/-0.429 χ^2 /NDF: 1298.1/18

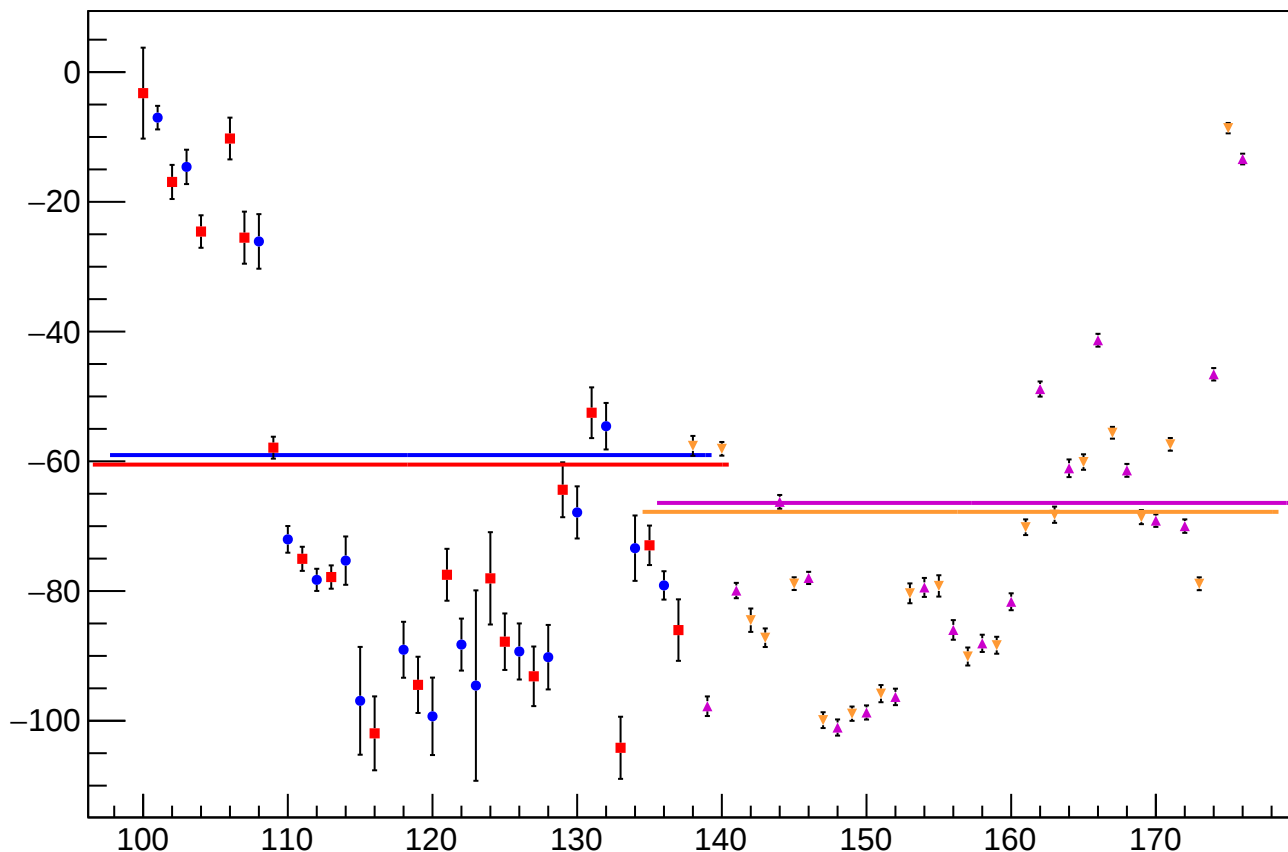
Left In: -4.674+/-0.194 χ^2 /NDF: 2846.4/18

+ sign -5.664+/-0.176 χ^2 /NDF: 4407.6/36

All: -5.279+/-0.124 χ^2 /NDF: 8569.1/74

- sign -4.890+/-0.176 χ^2 /NDF: 4151.8/37

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.039 ± 0.746 $\chi^2/\text{NDF}: 1709.5/16$

Left Out: -67.793 ± 0.260 $\chi^2/\text{NDF}: 9004.7/19$

Right Out: -60.507 ± 0.704 $\chi^2/\text{NDF}: 1384.8/18$

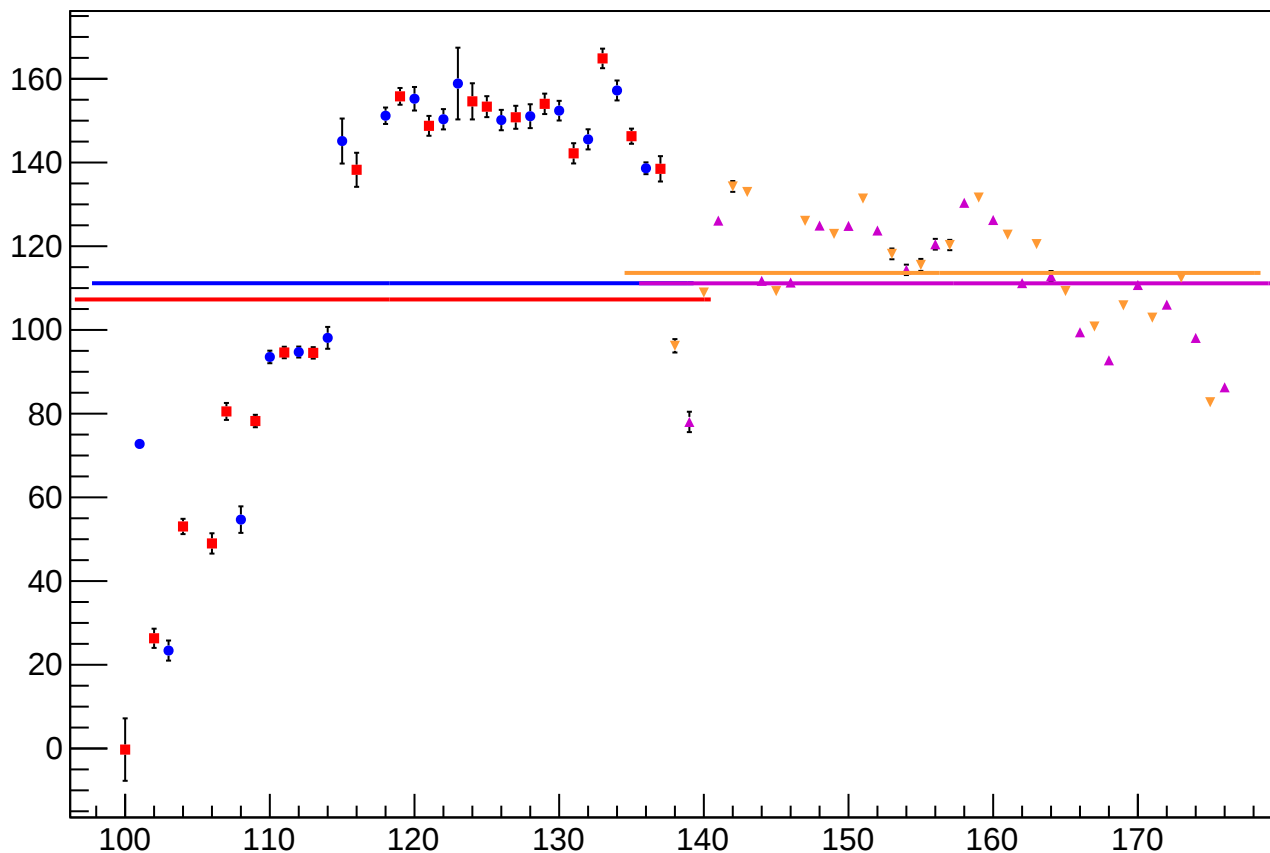
Left In: -66.414 ± 0.256 $\chi^2/\text{NDF}: 9069.3/18$

+ sign -66.845 ± 0.245 $\chi^2/\text{NDF}: 10837.1/36$

All: -66.273 ± 0.172 $\chi^2/\text{NDF}: 21364.0/74$

- sign -65.722 ± 0.241 $\chi^2/\text{NDF}: 10516.2/37$

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: 113.625 $\pm$ 0.220 χ^2 /NDF: 3787.0/19

Right Out: 107.283 $\pm$ 0.488 χ^2 /NDF: 7055.1/18

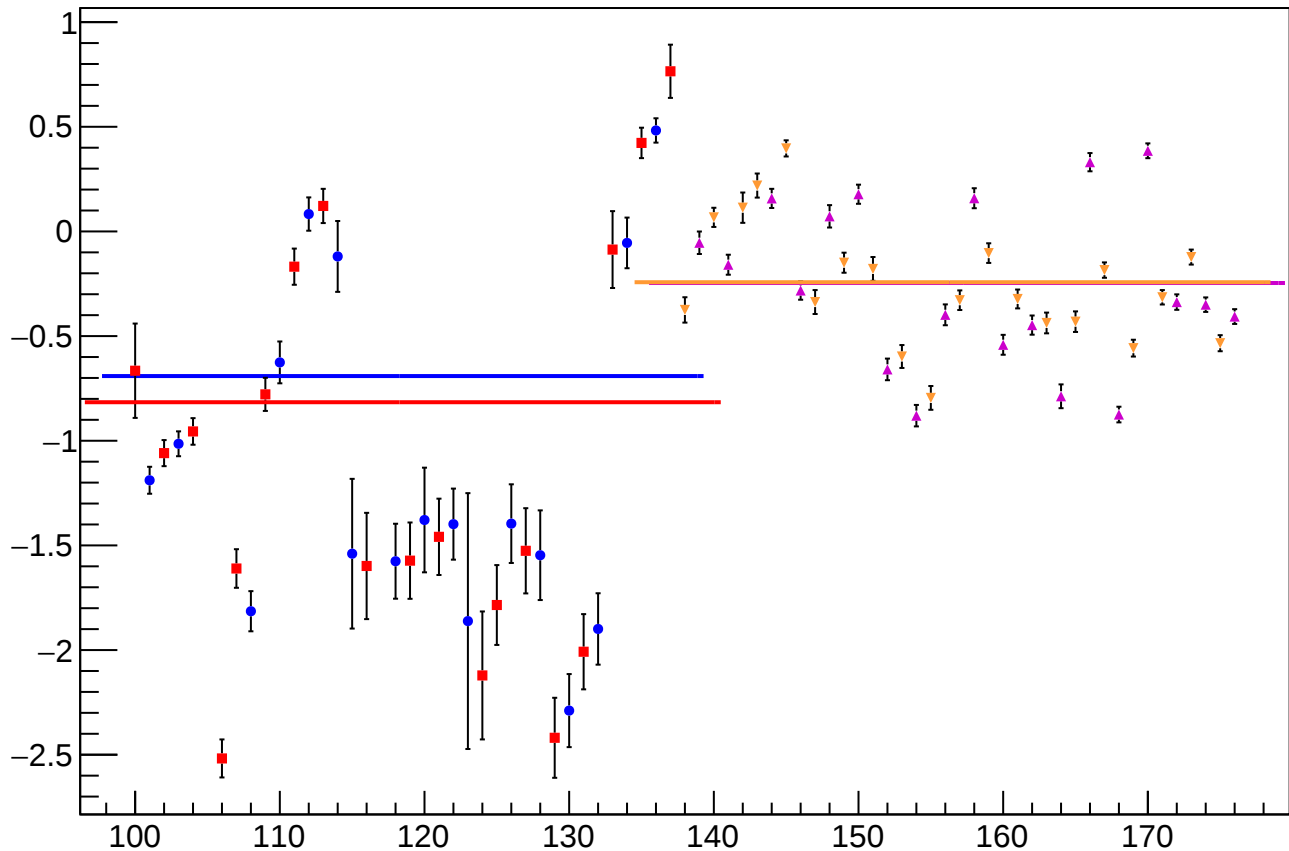
Left In: 111.136 $\pm$ 0.221 χ^2 /NDF: 3334.5/18

+ sign 113.209 $\pm$ 0.201 χ^2 /NDF: 9685.8/36

All: 111.847 $\pm$ 0.142 χ^2 /NDF: 20219.2/74

- sign 110.479 $\pm$ 0.201 χ^2 /NDF: 10441.4/37

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.691 ± 0.026 χ^2/NDF : 990.9/16

Left Out: -0.243 ± 0.010 χ^2/NDF : 740.4/19

Right Out: -0.816 ± 0.024 χ^2/NDF : 1304.4/18

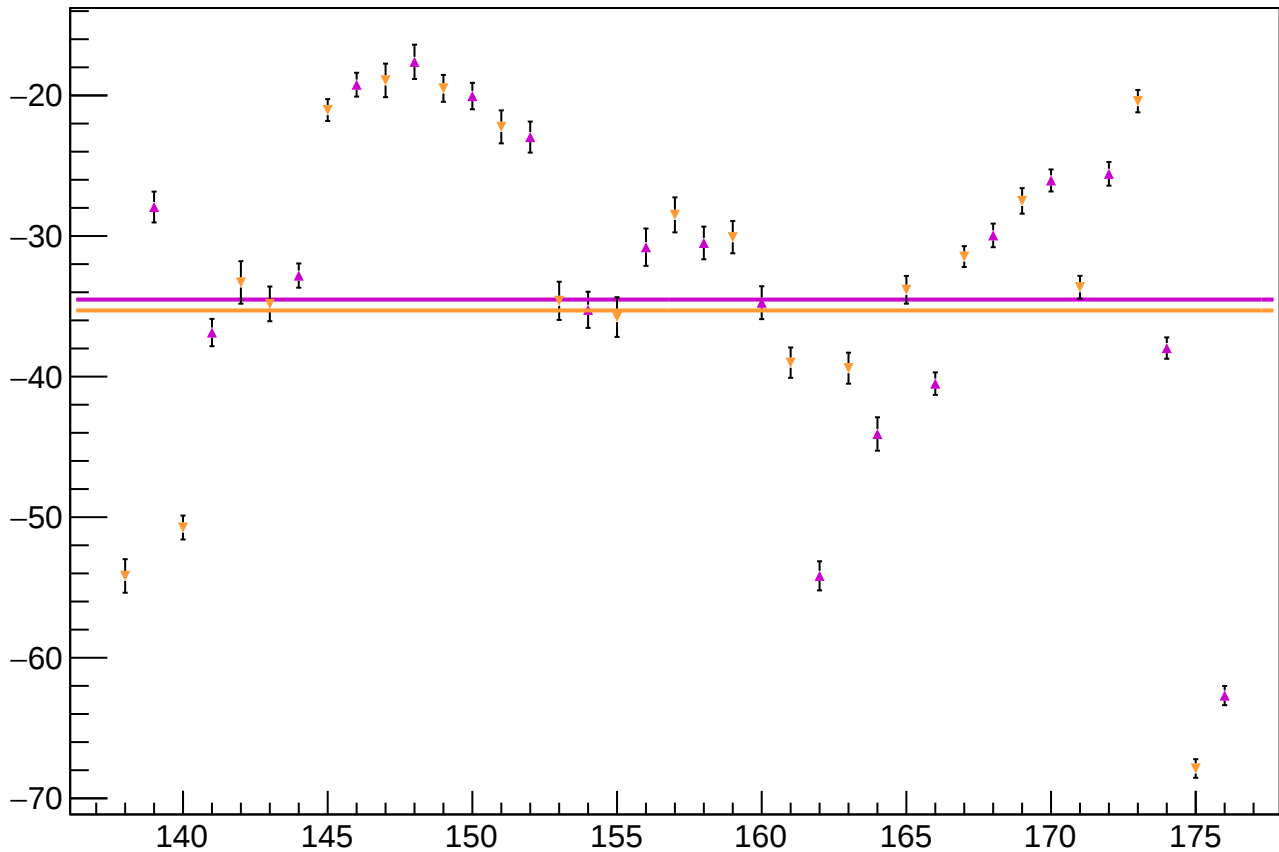
Left In: -0.246 ± 0.010 χ^2/NDF : 1475.2/18

+ sign -0.304 ± 0.010 χ^2/NDF : 1991.7/36

All: -0.317 ± 0.007 χ^2/NDF : 5241.7/74

- sign -0.330 ± 0.009 χ^2/NDF : 3246.2/37

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.295+/-0.219 χ^2/NDF : 4456.9/19

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

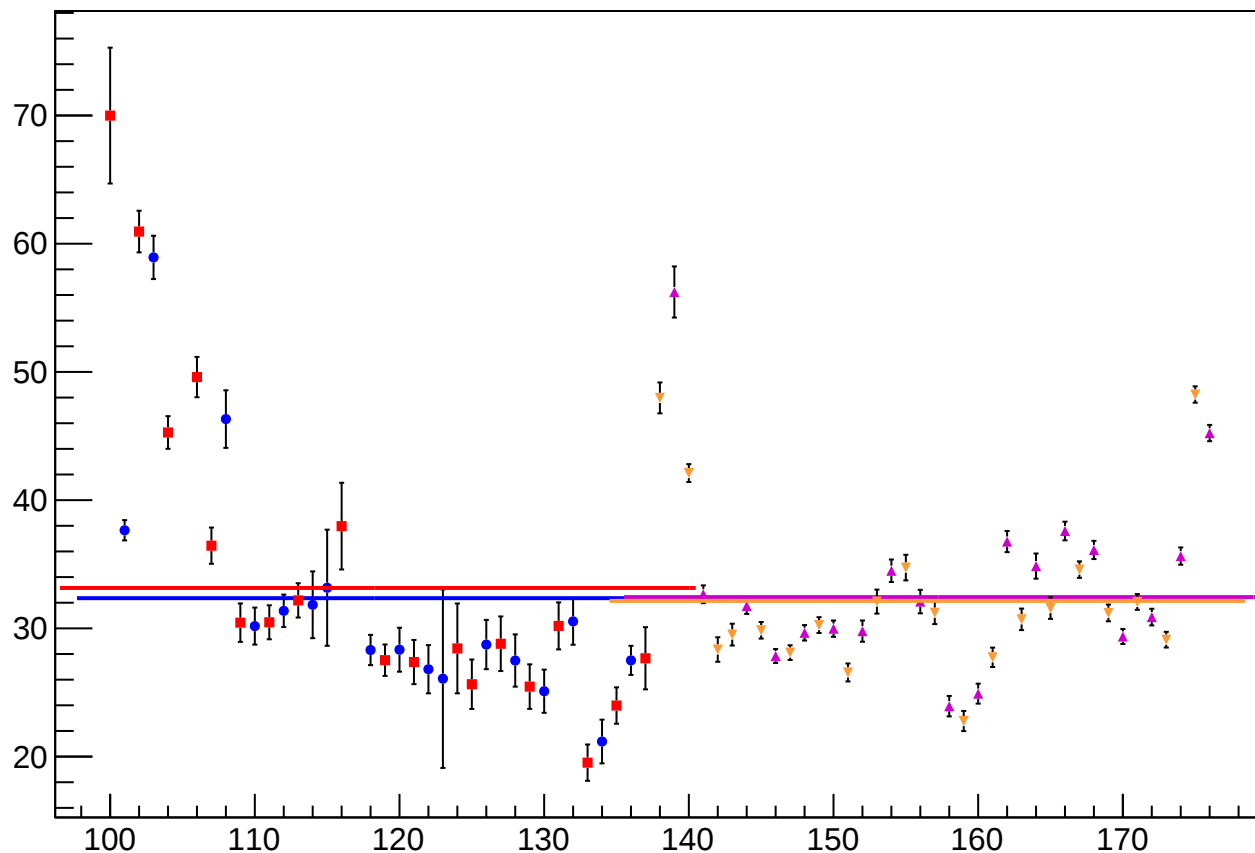
Left In: -34.520+/-0.216 χ^2/NDF : 3402.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.903+/-0.154 χ^2/NDF : 7865.7/38

- 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 χ^2/NDF : 450.5/16

Left Out: 32.147+/-0.163 χ^2/NDF :1403.4/19

Right Out: 33.152+/-0.379 χ^2/NDF : 772.0/18

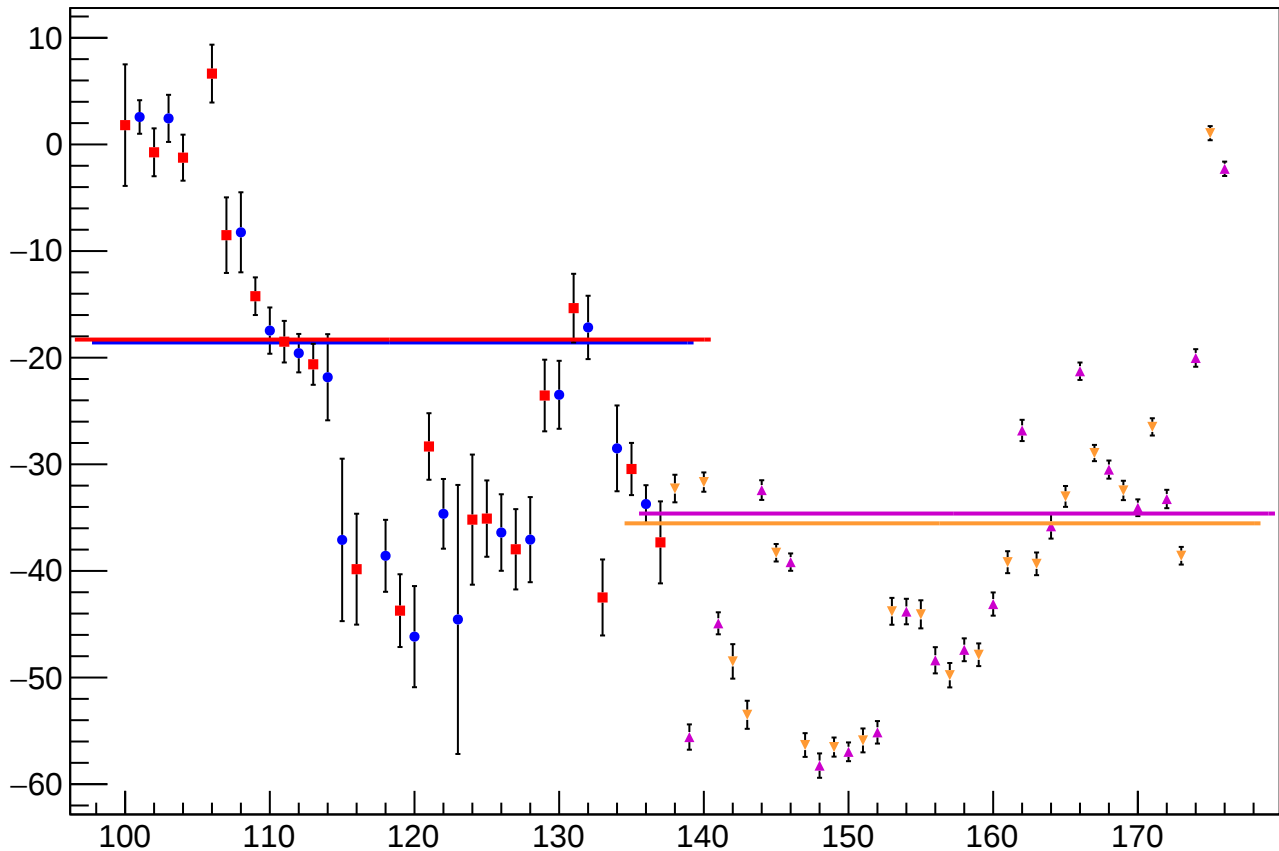
Left In: 32.439+/-0.164 χ^2/NDF :1046.3/18

+ sign 32.180+/-0.150 χ^2/NDF : 1854.2/36

All: 32.365+/-0.106 χ^2/NDF : 3678.4/74

- sign 32.552+/-0.151 χ^2/NDF : 1821.2/37

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.572 ± 0.667 χ^2/NDF : 511.5/16

Left Out: -35.537 ± 0.218 χ^2/NDF : 5196.5/19

Right Out: -18.300 ± 0.644 χ^2/NDF : 473.4/18

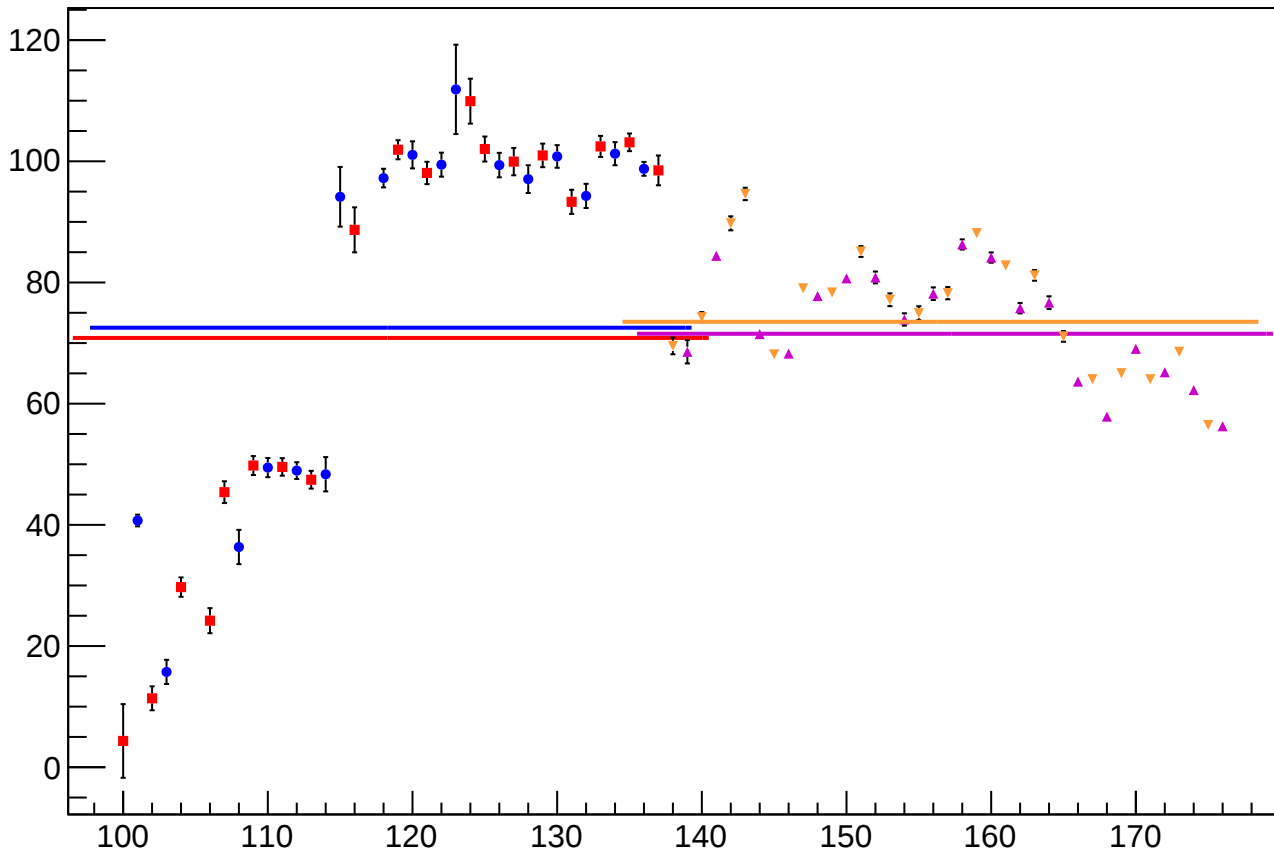
Left In: -34.618 ± 0.215 χ^2/NDF : 5256.1/18

+ sign -33.901 ± 0.207 χ^2/NDF : 6291.7/36

All: -33.434 ± 0.145 χ^2/NDF : 12609.1/74

- sign -32.981 ± 0.204 χ^2/NDF : 6307.4/37

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.537 $\pm$ 0.428 χ^2 /NDF: 4684.1/16

Left Out: 73.516 $\pm$ 0.186 χ^2 /NDF: 2724.5/19

Right Out: 70.849 $\pm$ 0.433 χ^2 /NDF: 5500.2/18

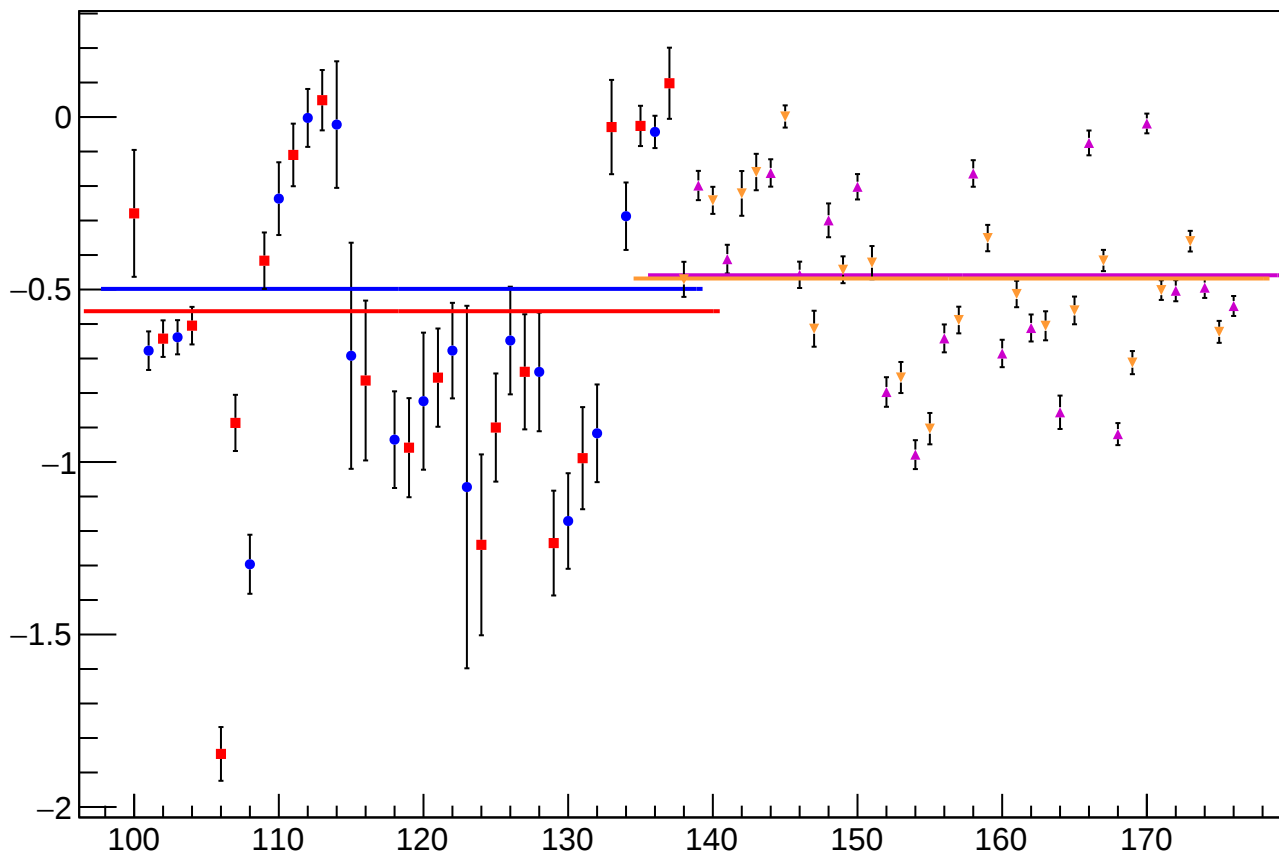
Left In: 71.538 $\pm$ 0.186 χ^2 /NDF: 2331.3/18

+ sign 73.361 $\pm$ 0.171 χ^2 /NDF: 7413.0/36

All: 72.399 $\pm$ 0.121 χ^2 /NDF: 15310.5/74

- sign 71.430 $\pm$ 0.171 χ^2 /NDF: 7833.6/37

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498±/0.022 χ^2/NDF : 302.8/16

Left Out: -0.468±/0.009 χ^2/NDF : 566.8/19

Right Out: -0.563±/0.021 χ^2/NDF : 560.8/18

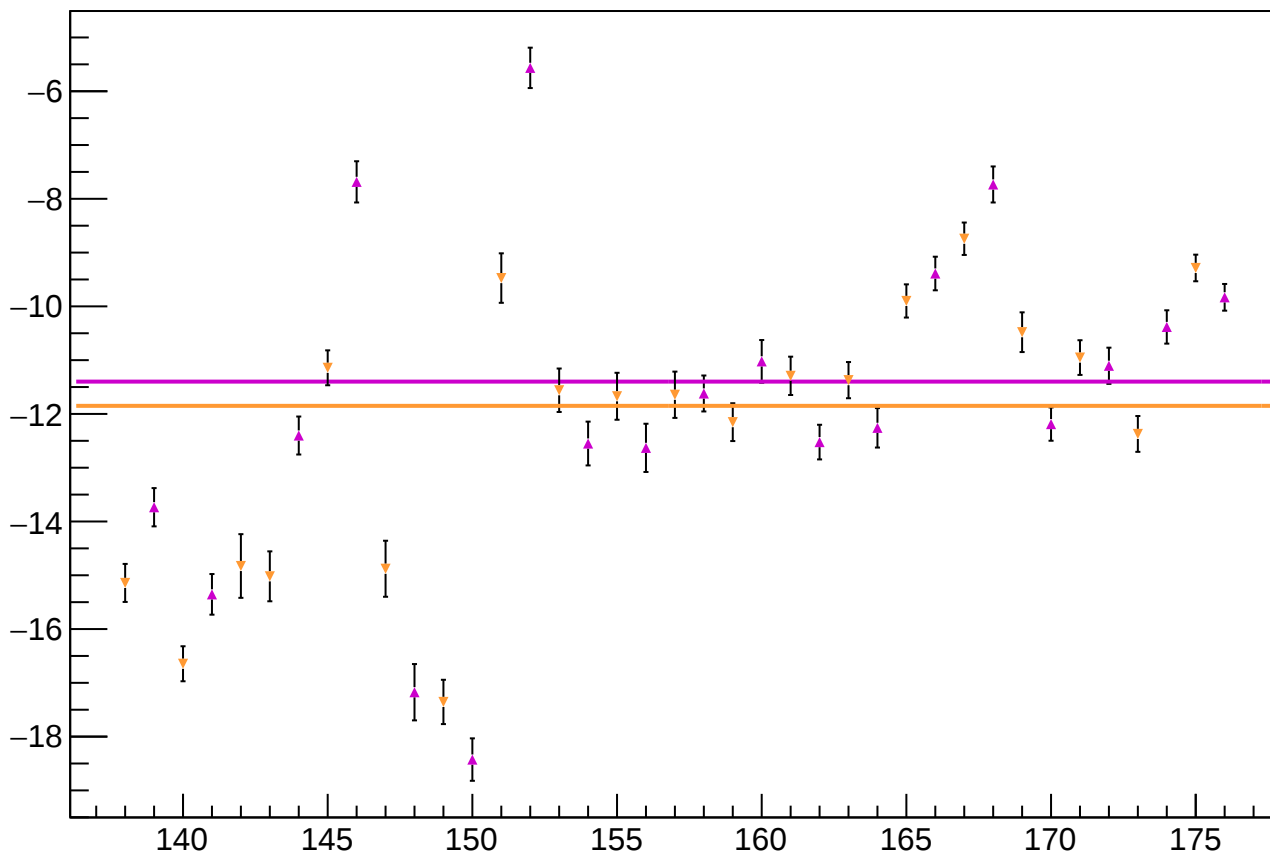
Left In: -0.459±/0.008 χ^2/NDF : 1135.9/18

+ sign -0.472±/0.008 χ^2/NDF : 871.1/36

All: -0.472±/0.006 χ^2/NDF : 2588.3/74

- sign -0.473±/0.008 χ^2/NDF : 1717.1/37

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: -11.850+/-0.081 χ^2/NDF : 903.5/19

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

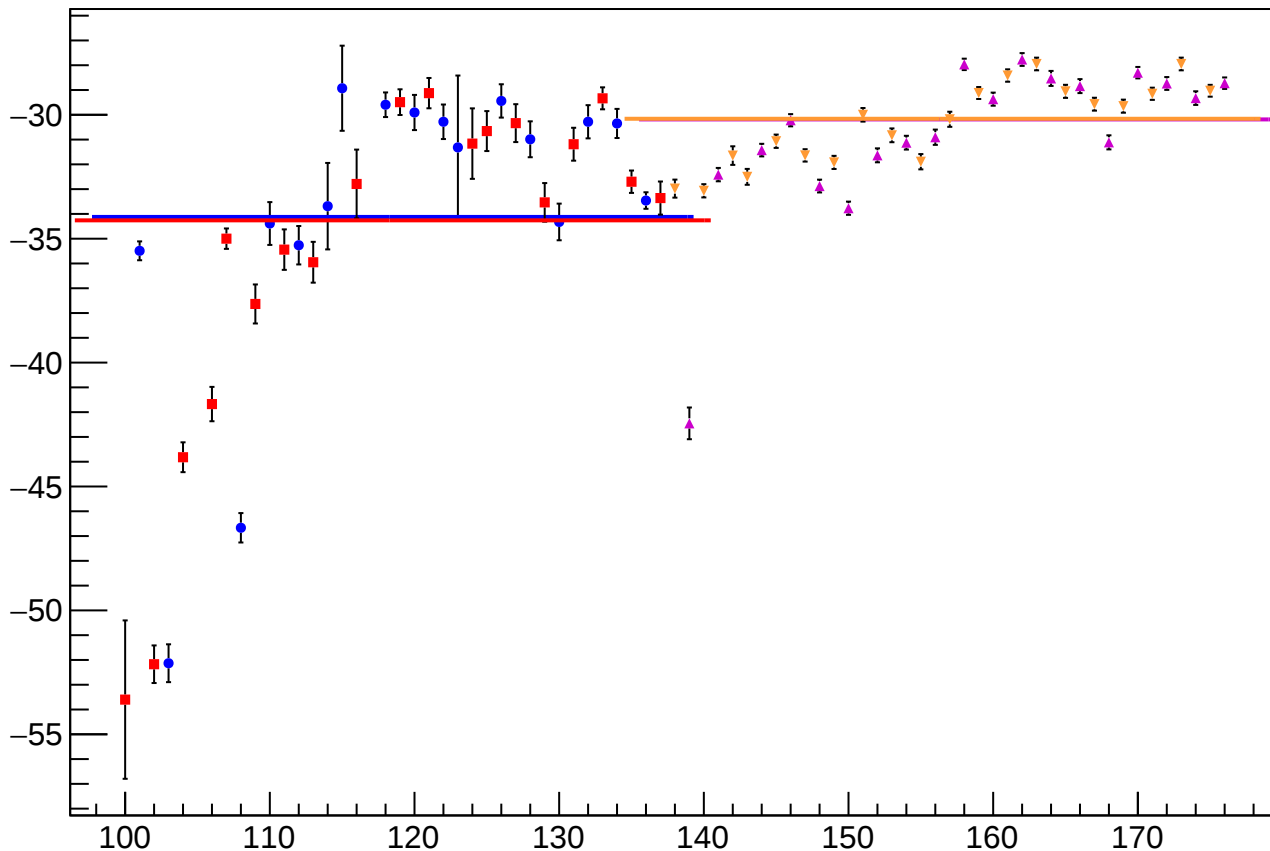
Left In: -11.399+/-0.080 χ^2/NDF : 1188.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.623+/-0.057 χ^2/NDF : 2107.7/38

- 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 $\chi^2/\text{NDF}: 1322.4/16$

Left Out: -30.160 ± 0.061 $\chi^2/\text{NDF}: 656.8/19$

Right Out: -34.260 ± 0.151 $\chi^2/\text{NDF}: 1354.9/18$

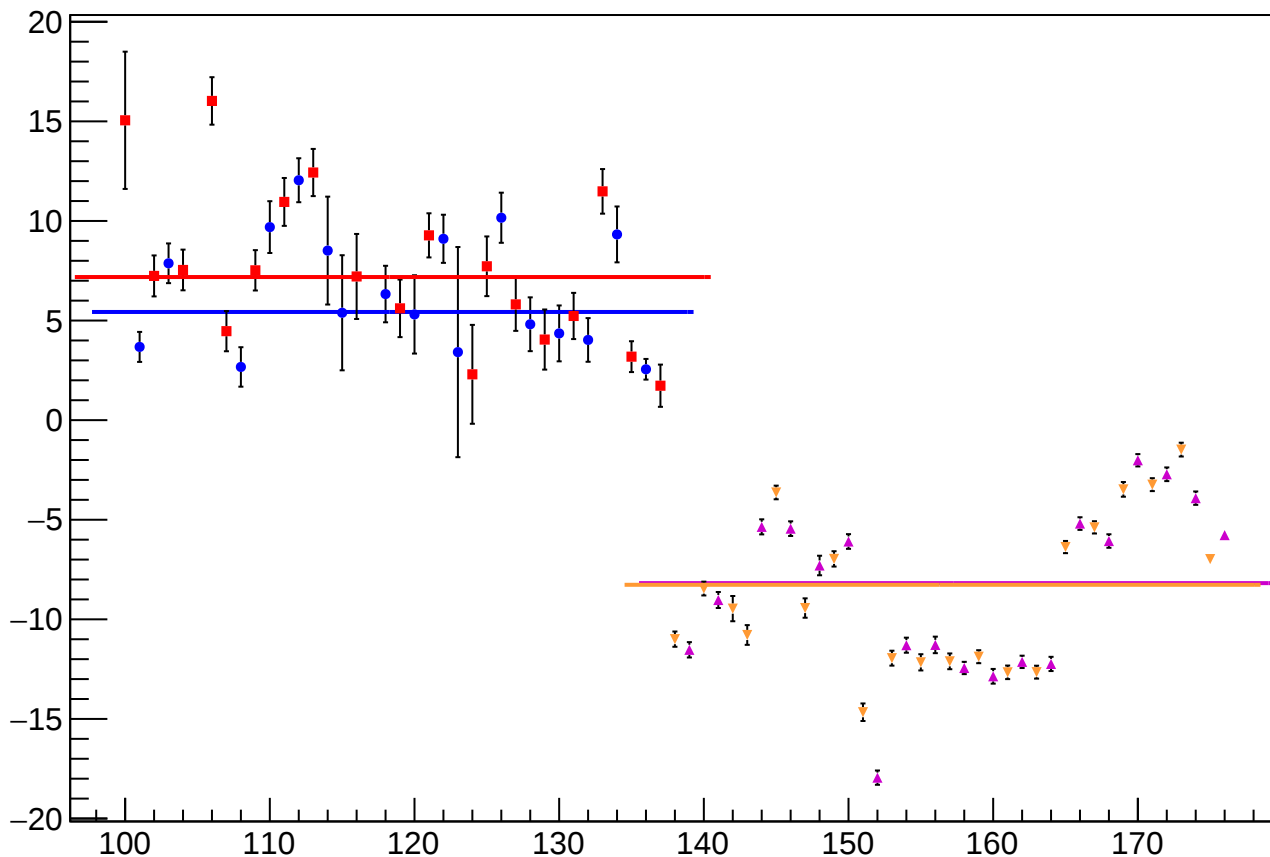
Left In: -30.186 ± 0.062 $\chi^2/\text{NDF}: 1191.5/18$

+ sign -30.708 ± 0.056 $\chi^2/\text{NDF}: 2566.2/36$

All: -30.739 ± 0.040 $\chi^2/\text{NDF}: 5738.0/74$

- sign -30.771 ± 0.057 $\chi^2/\text{NDF}: 3171.2/37$

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: -8.266 ± 0.080 χ^2/NDF : 2189.3/19

Right Out: 7.185 ± 0.274 χ^2/NDF : 182.1/18

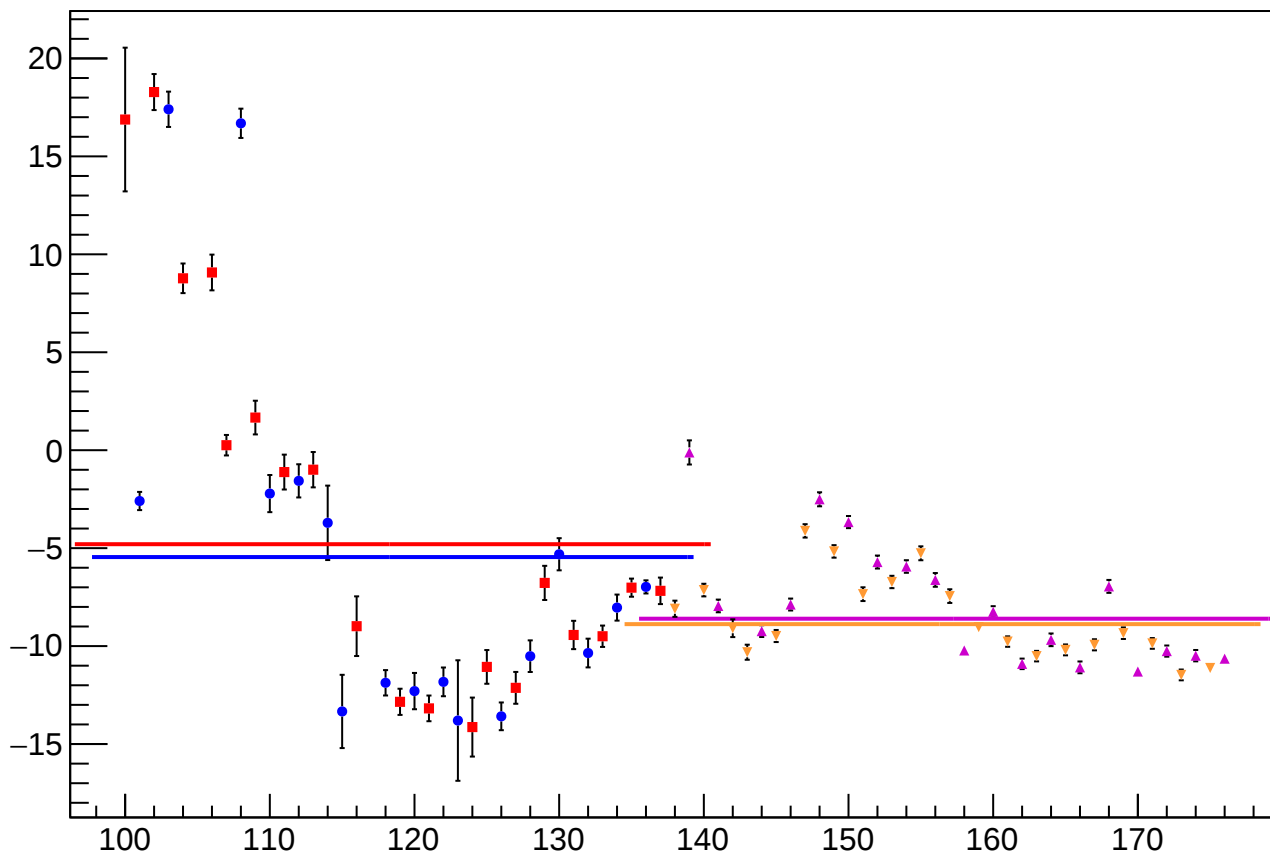
Left In: -8.182 ± 0.079 χ^2/NDF : 2766.3/18

+ sign -7.162 ± 0.077 χ^2/NDF : 4680.5/36

All: -7.077 ± 0.054 χ^2/NDF : 10524.0/74

- sign -6.993 ± 0.076 χ^2/NDF : 5841.1/37

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.455 ± 0.171 χ^2/NDF : 2096.5/16

Left Out: -8.879 ± 0.069 χ^2/NDF : 832.9/19

Right Out: -4.798 ± 0.173 χ^2/NDF : 2047.4/18

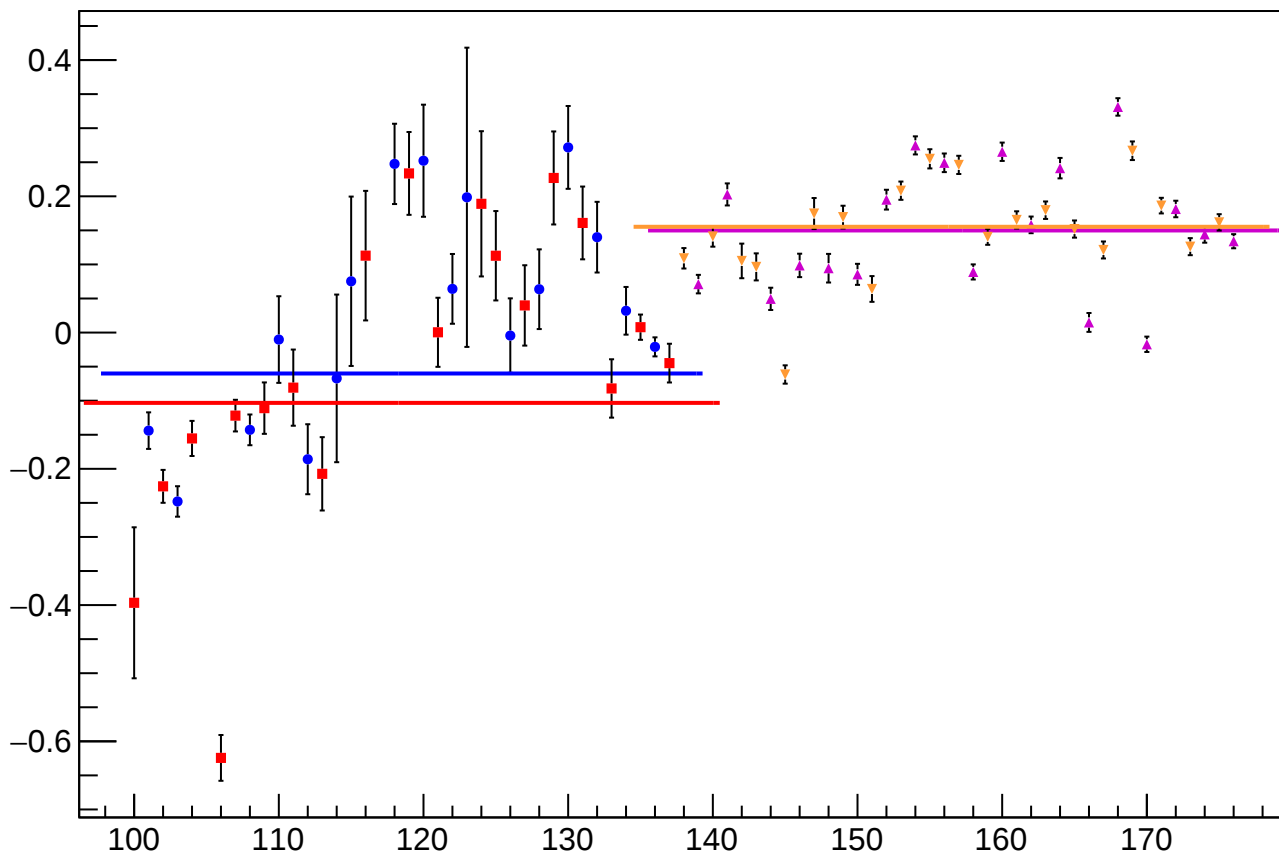
Left In: -8.602 ± 0.069 χ^2/NDF : 1407.3/18

+ sign -8.404 ± 0.064 χ^2/NDF : 3275.4/36

All: -8.242 ± 0.045 χ^2/NDF : 7160.3/74

- sign -8.076 ± 0.064 χ^2/NDF : 3871.7/37

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: 0.155 ± 0.003 χ^2/NDF : 513.1/19

Right Out: -0.103 ± 0.008 χ^2/NDF : 434.3/18

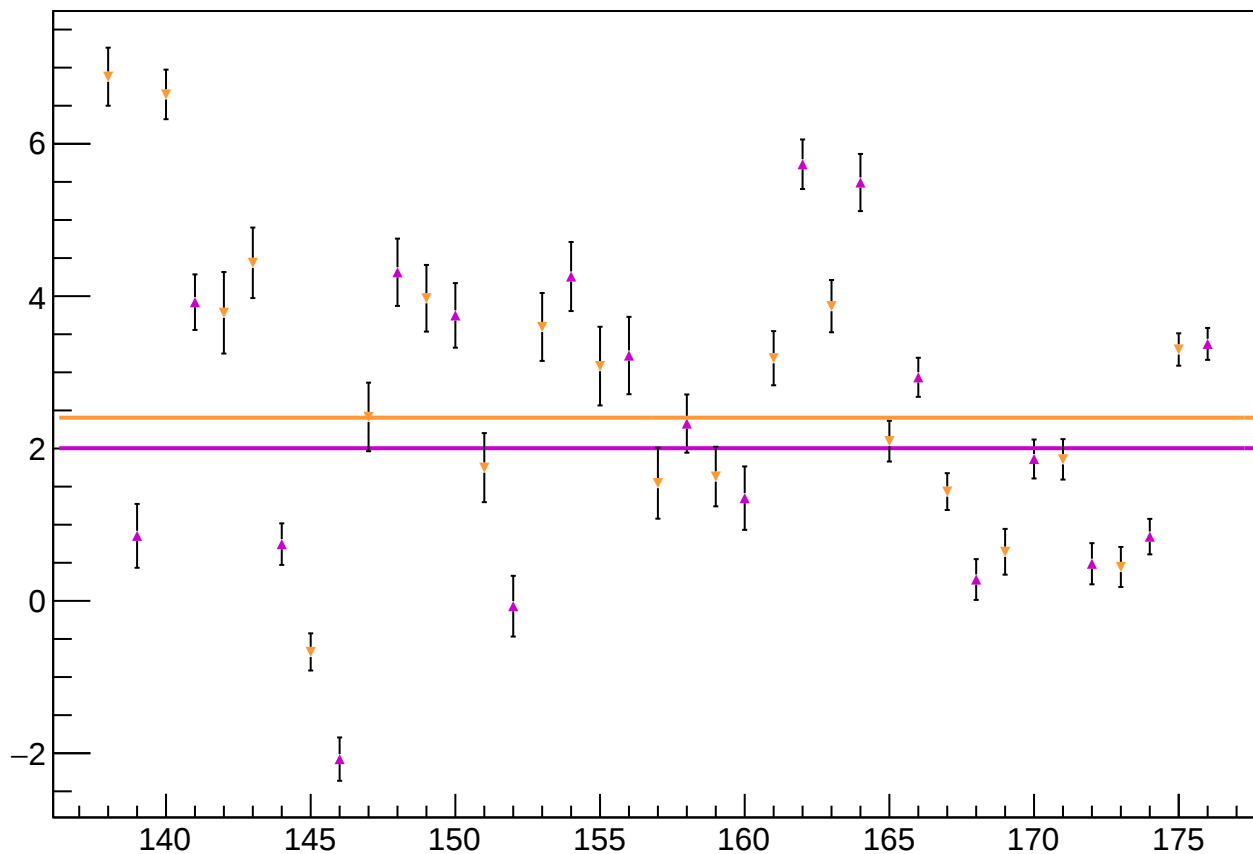
Left In: 0.150 ± 0.003 χ^2/NDF : 931.7/18

+ sign 0.129 ± 0.003 χ^2/NDF : 1305.0/36

All: 0.124 ± 0.002 χ^2/NDF : 3469.4/74

- sign 0.120 ± 0.003 χ^2/NDF : 2159.8/37

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: 2.405 $\pm$ 0.073 χ^2 /NDF:676.6/19

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

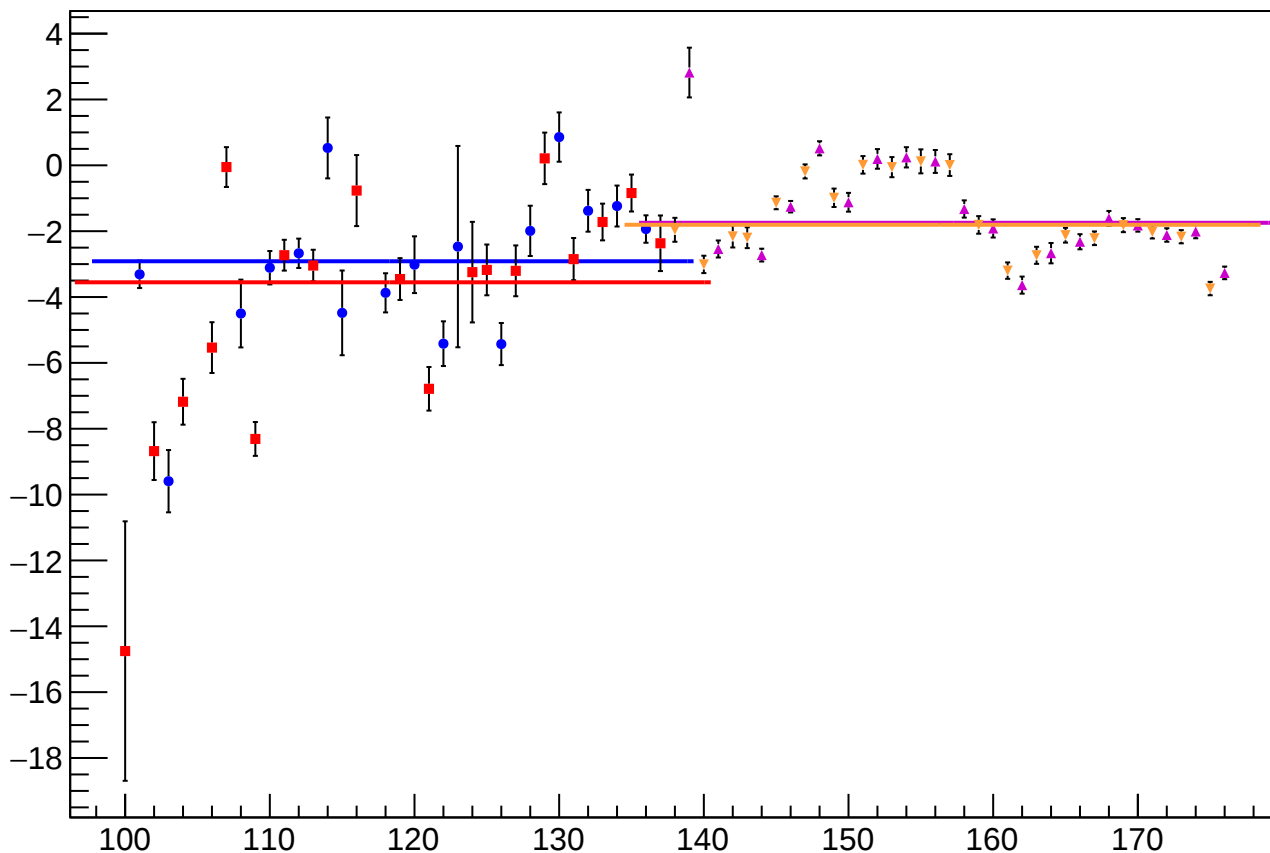
Left In: 2.004 $\pm$ 0.072 χ^2 /NDF:739.0/18

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

All: 2.200 $\pm$ 0.051 χ^2 /NDF: 1430.7/38

- 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: -1.805 ± 0.055 χ^2/NDF : 383.7/19

Right Out: -3.553 ± 0.155 χ^2/NDF : 290.9/18

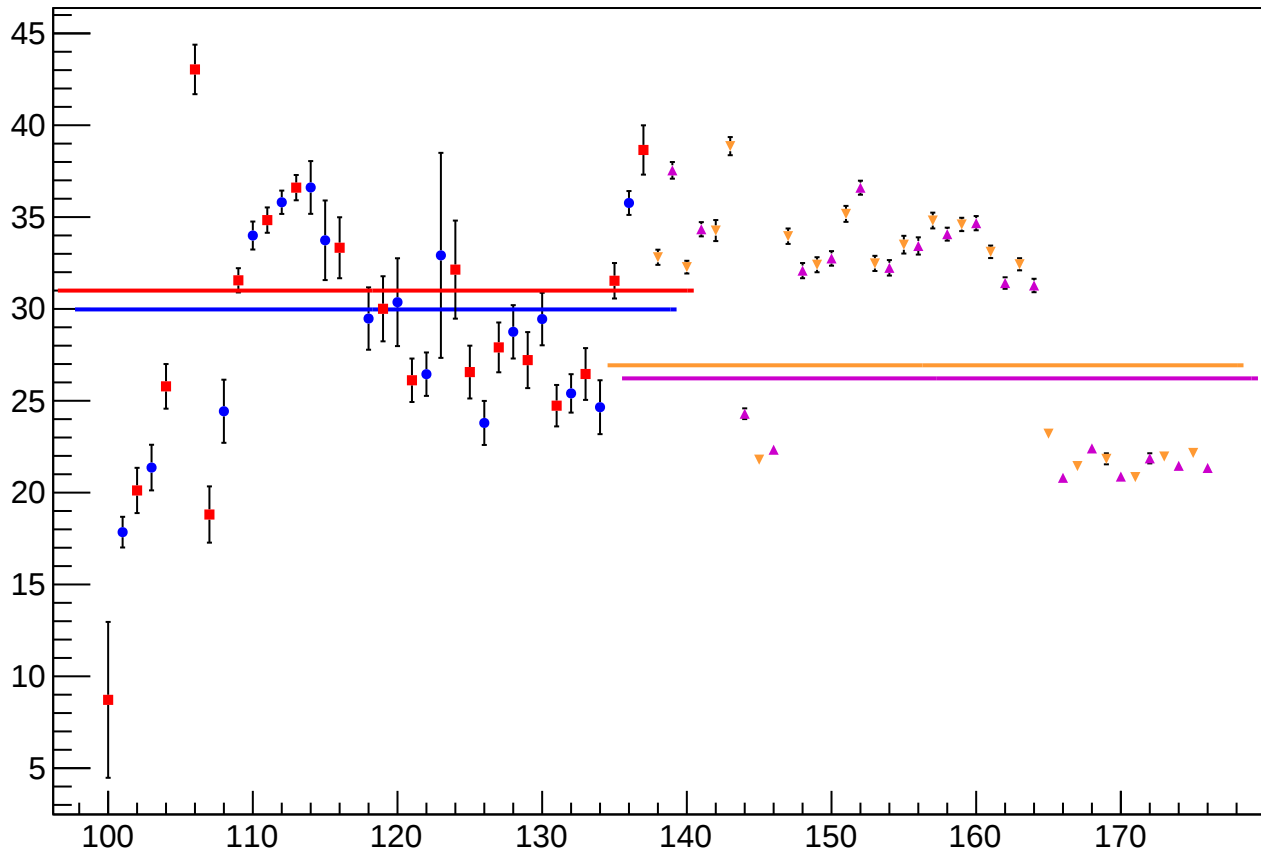
Left In: -1.745 ± 0.055 χ^2/NDF : 446.7/18

+ sign -1.931 ± 0.052 χ^2/NDF : 575.3/36

All: -1.939 ± 0.037 χ^2/NDF : 1434.3/74

- sign -1.947 ± 0.052 χ^2/NDF : 859.0/37

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: 26.931 $\pm$ 0.073 χ^2 /NDF: 6480.1/19

Right Out: 30.999 $\pm$ 0.260 χ^2 /NDF: 479.5/18

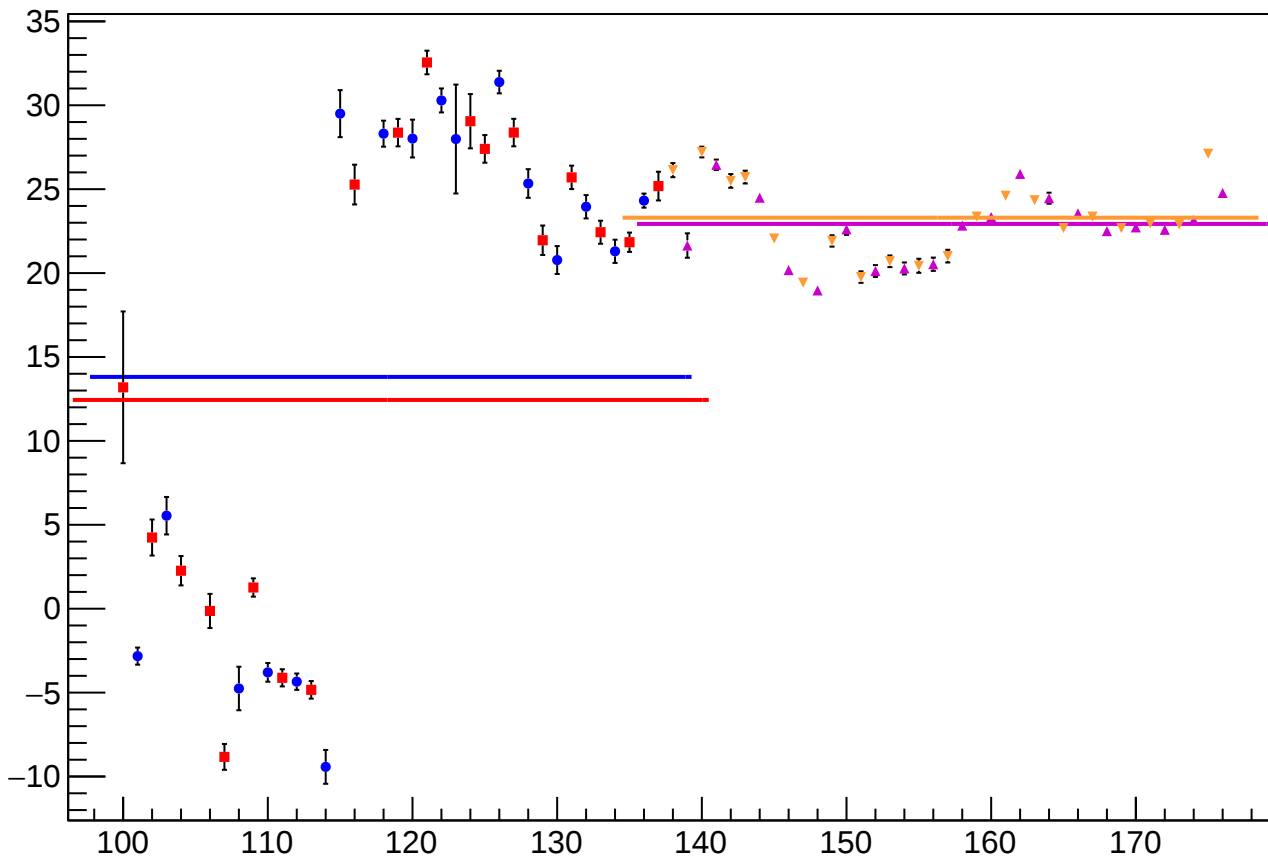
Left In: 26.219 $\pm$ 0.072 χ^2 /NDF: 6617.9/18

+ sign 27.145 $\pm$ 0.071 χ^2 /NDF: 7154.8/36

All: 26.844 $\pm$ 0.050 χ^2 /NDF: 14601.2/74

- sign 26.558 $\pm$ 0.069 χ^2 /NDF: 7411.2/37

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: 23.301 $\pm$ 0.063 χ^2 /NDF:1104.0/19

Right Out: 12.440 $\pm$ 0.174 χ^2 /NDF: 6970.3/18

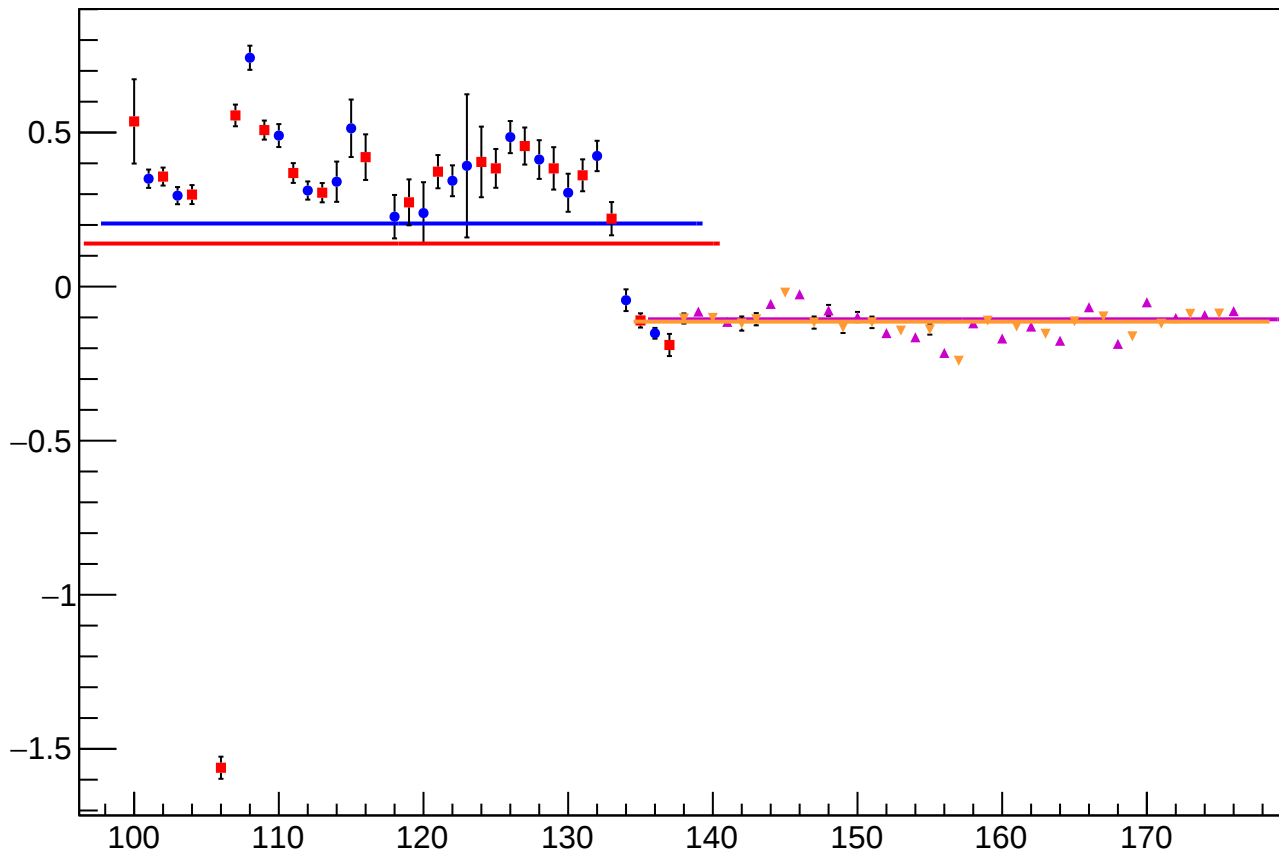
Left In: 22.929 $\pm$ 0.062 χ^2 /NDF:902.3/18

+ sign 22.198 $\pm$ 0.059 χ^2 /NDF: 11091.1/36

All: 21.969 $\pm$ 0.041 χ^2 /NDF: 22226.5/74

- sign 21.742 $\pm$ 0.058 χ^2 /NDF: 11105.2/37

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: -0.114 ± 0.003 χ^2/NDF : 216.1/19

Right Out: 0.140 ± 0.009 χ^2/NDF : 3014.2/18

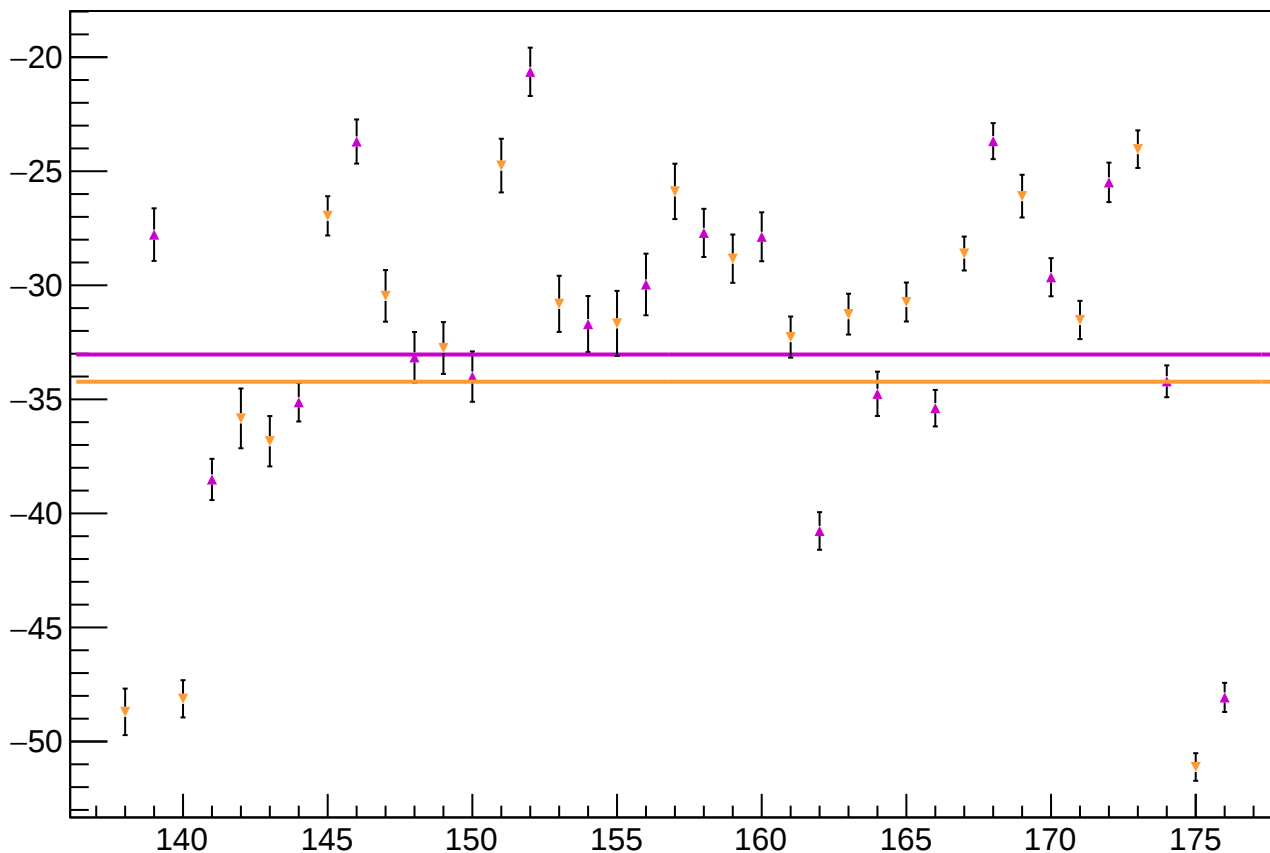
Left In: -0.106 ± 0.003 χ^2/NDF : 299.4/18

+ sign -0.086 ± 0.003 χ^2/NDF : 2114.9/36

All: -0.086 ± 0.002 χ^2/NDF : 6080.4/74

- sign -0.085 ± 0.003 χ^2/NDF : 3965.5/37

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.227 ± 0.210 χ^2/NDF : 1839.5/19

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

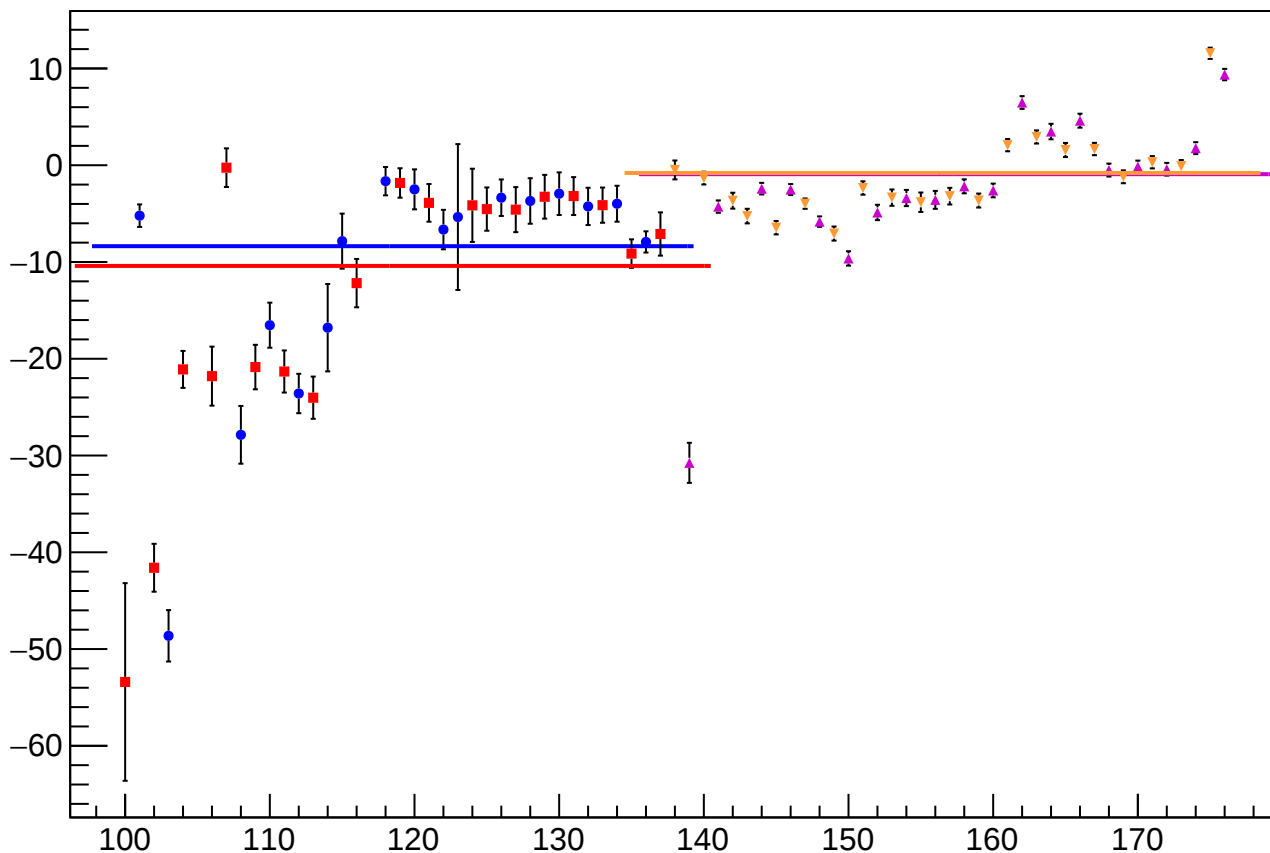
Left In: -33.035 ± 0.209 χ^2/NDF : 1240.0/18

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.627 ± 0.148 χ^2/NDF : 3095.7/38

- sign 0.000 ± 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: -0.800 ± 0.156 χ^2/NDF : 802.9/19

Right Out: -10.405 ± 0.491 χ^2/NDF : 430.3/18

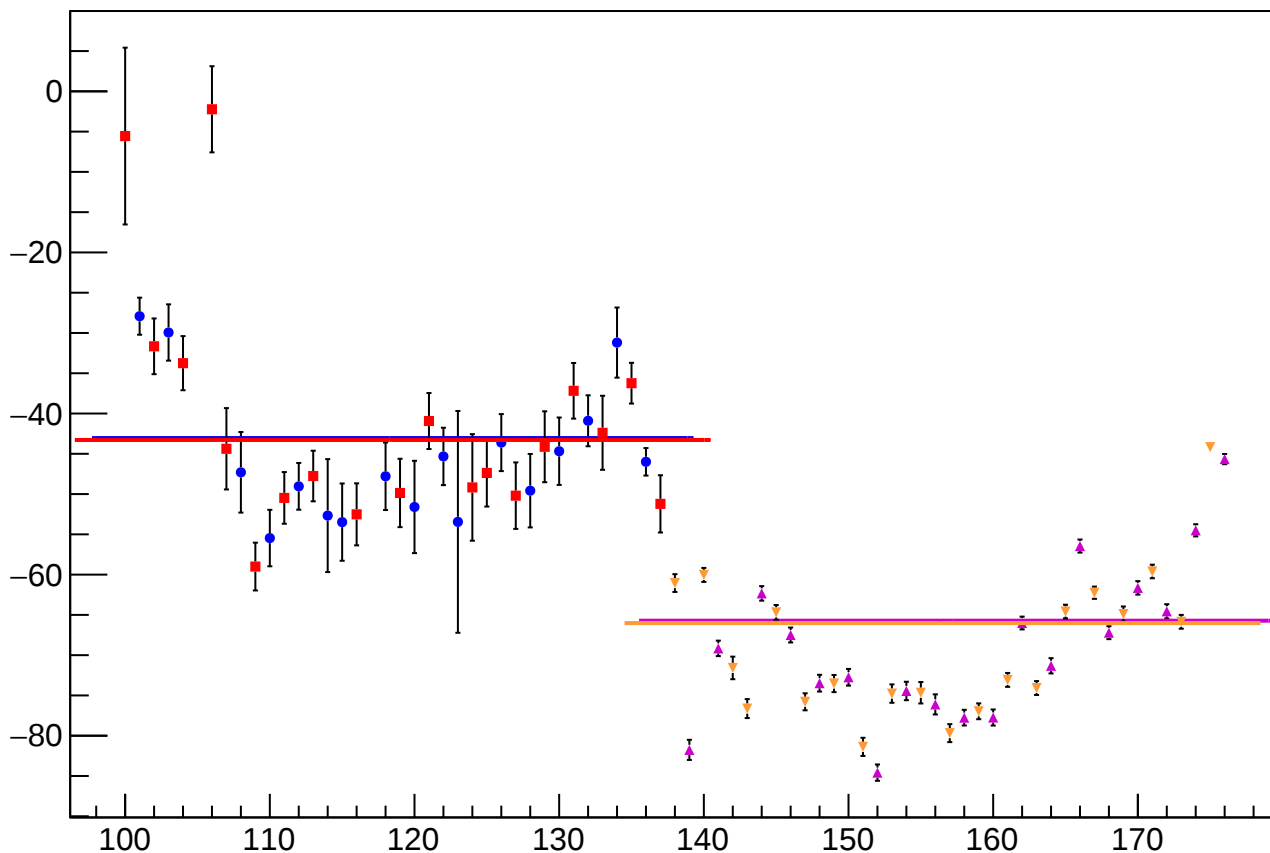
Left In: -0.924 ± 0.158 χ^2/NDF : 1061.2/18

+ sign -1.565 ± 0.148 χ^2/NDF : 1448.8/36

All: -1.686 ± 0.105 χ^2/NDF : 3279.6/74

- sign -1.809 ± 0.150 χ^2/NDF : 1829.5/37

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.047 ± 0.837 χ^2/NDF : 99.0/16

Left Out: -66.016 ± 0.210 χ^2/NDF : 2405.6/19

Right Out: -43.282 ± 0.867 χ^2/NDF : 154.4/18

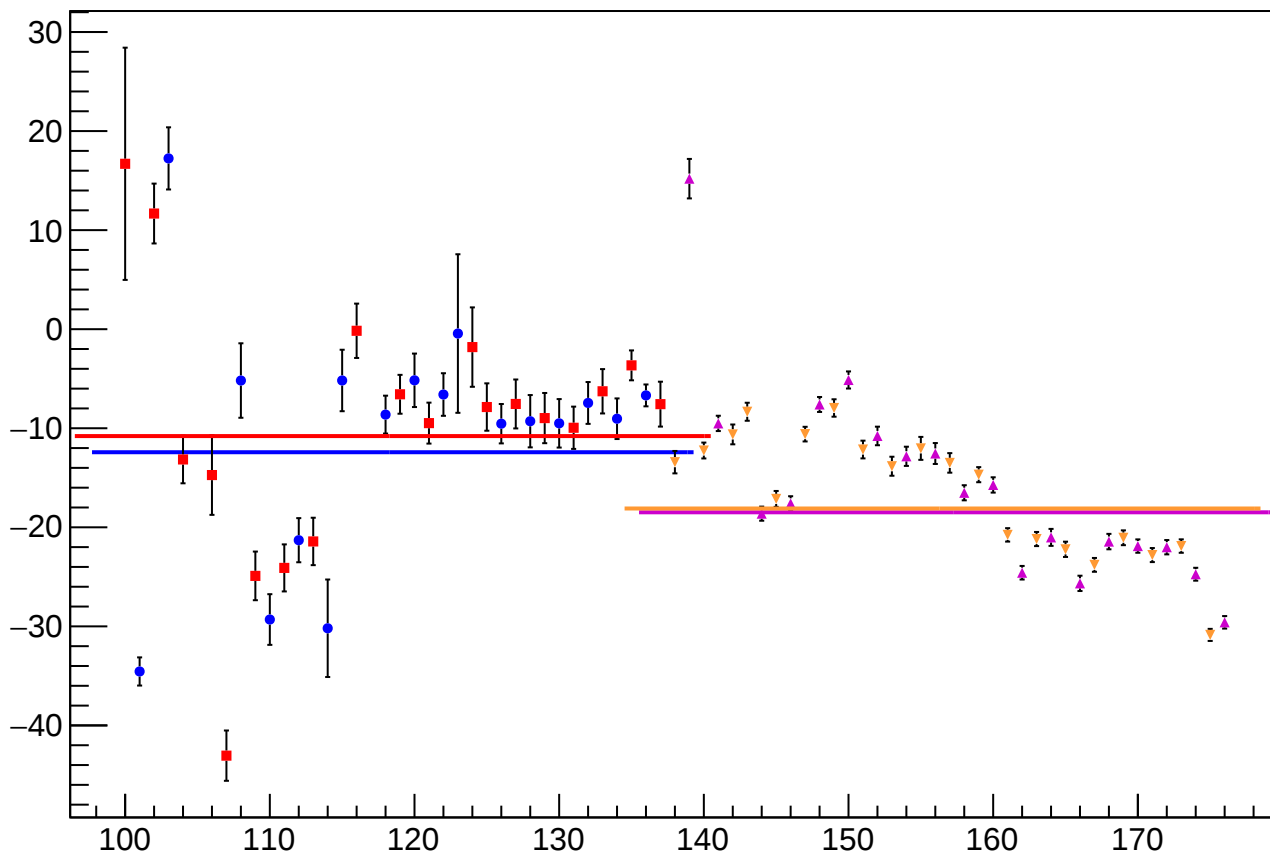
Left In: -65.720 ± 0.208 χ^2/NDF : 2490.3/18

+ sign -64.661 ± 0.203 χ^2/NDF : 3212.8/36

All: -64.580 ± 0.143 χ^2/NDF : 6490.8/74

- sign -64.500 ± 0.202 χ^2/NDF : 3277.7/37

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.421 ± 0.523 $\chi^2/\text{NDF}: 474.4/16$

Left Out: -18.101 ± 0.178 $\chi^2/\text{NDF}: 1270.7/19$

Right Out: -10.791 ± 0.554 $\chi^2/\text{NDF}: 365.8/18$

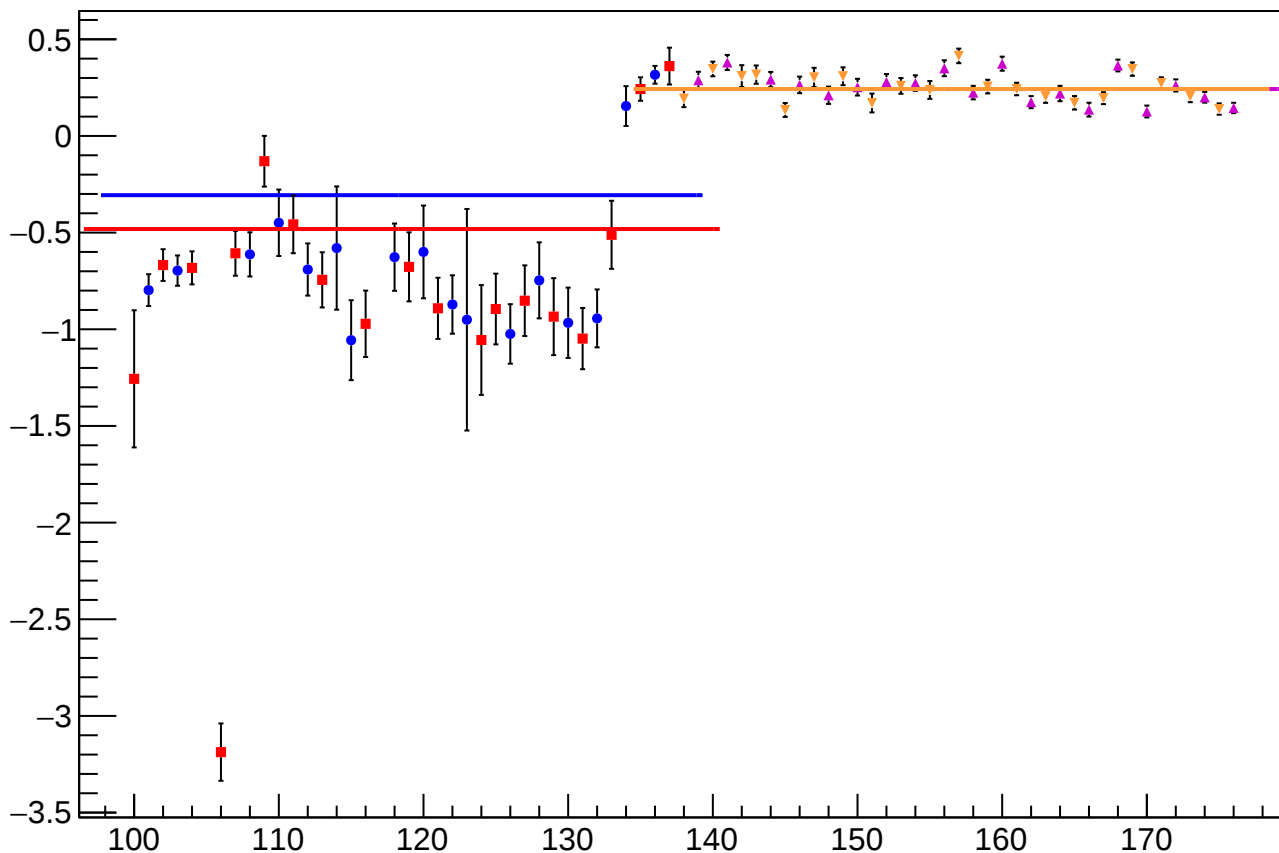
Left In: -18.486 ± 0.179 $\chi^2/\text{NDF}: 1659.7/18$

+ sign -17.512 ± 0.169 $\chi^2/\text{NDF}: 1850.8/36$

All: -17.632 ± 0.120 $\chi^2/\text{NDF}: 4052.1/74$

- sign -17.756 ± 0.171 $\chi^2/\text{NDF}: 2200.3/37$

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: 0.243 ± 0.008 χ^2/NDF : 80.0/19

Right Out: -0.481 ± 0.029 χ^2/NDF : 628.3/18

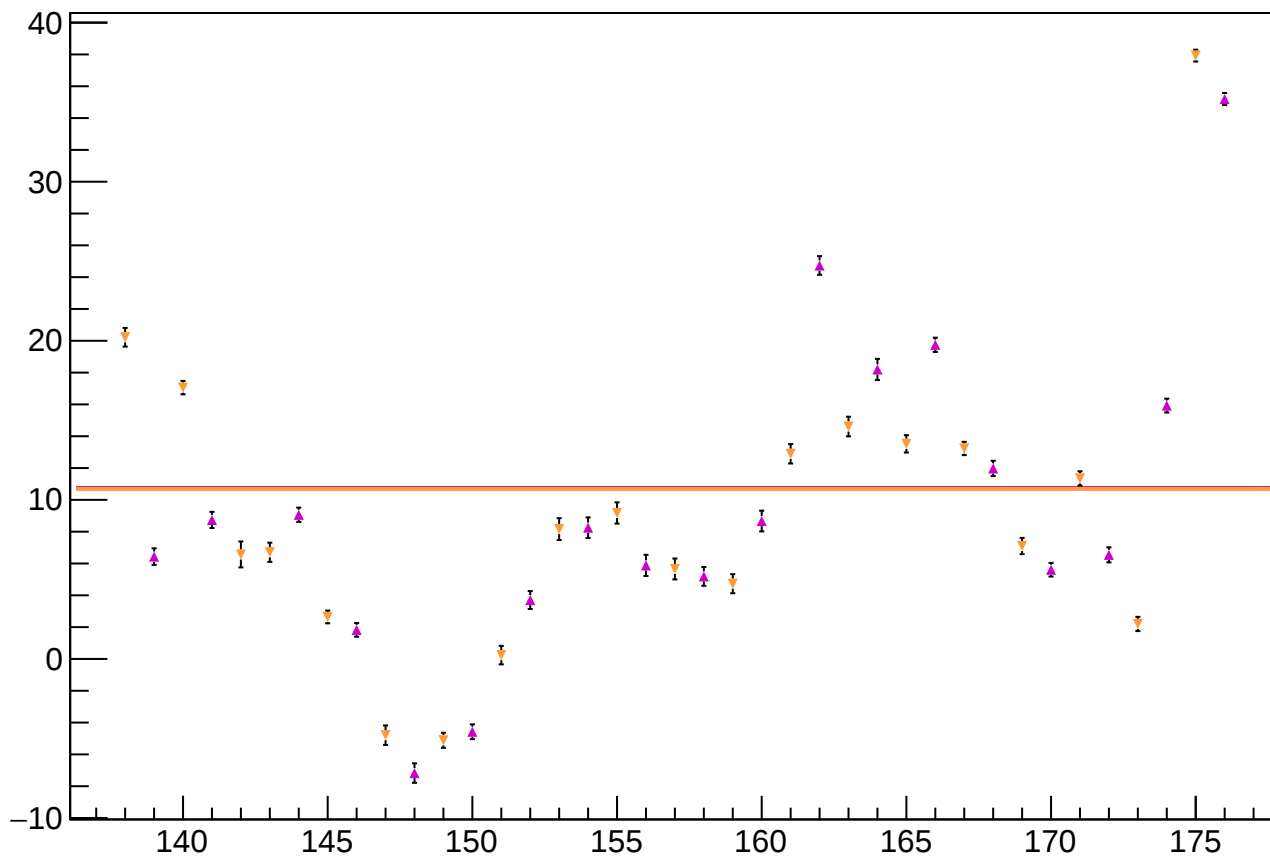
Left In: 0.243 ± 0.008 χ^2/NDF : 97.9/18

+ sign 0.197 ± 0.008 χ^2/NDF : 815.6/36

All: 0.193 ± 0.006 χ^2/NDF : 2135.4/74

- sign 0.188 ± 0.008 χ^2/NDF : 1319.2/37

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 10.693 $\pm$ 0.116 χ^2/NDF :9085.4/19

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

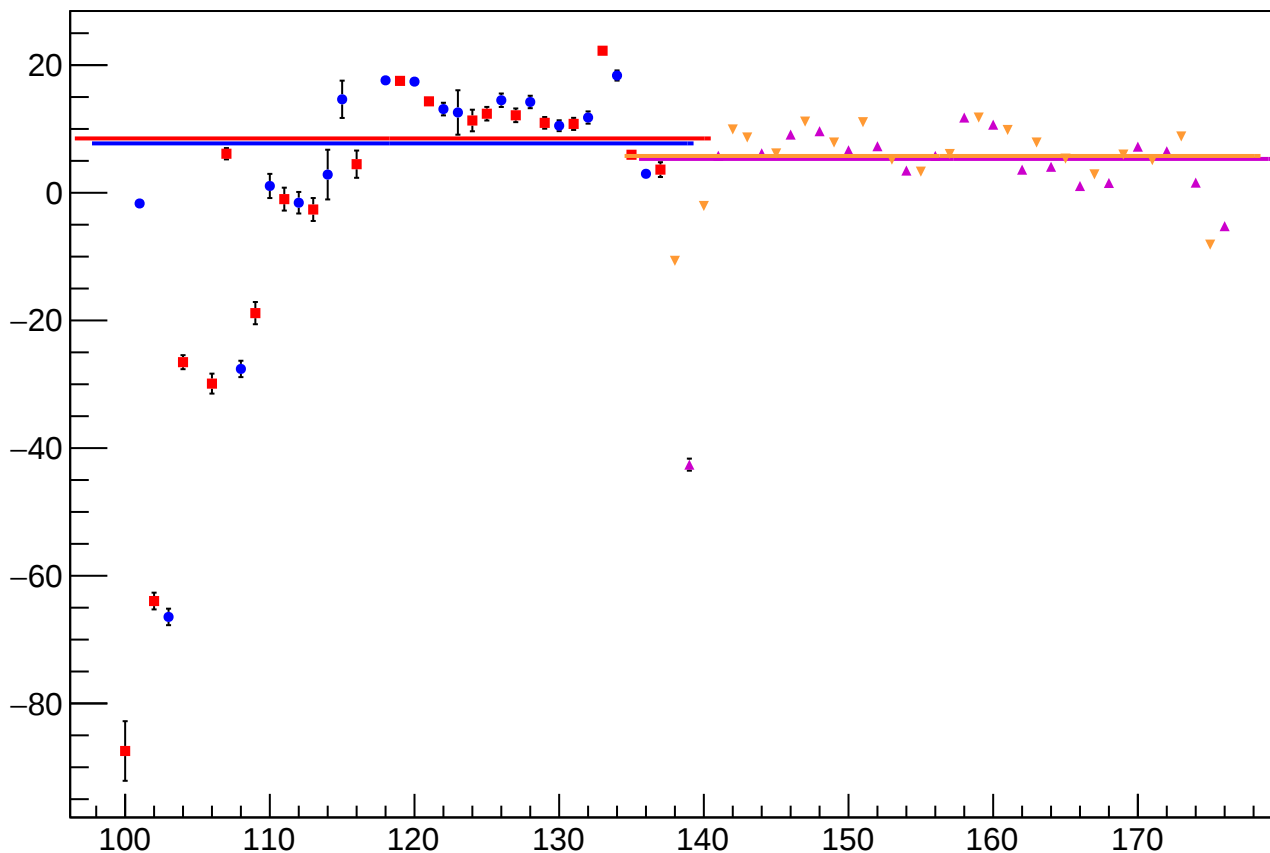
Left In: 10.745 $\pm$ 0.116 χ^2/NDF :8417.2/18

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

All: 10.719 $\pm$ 0.082 χ^2/NDF : 17502.7/38

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

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 7.737 ± 0.218 $\chi^2/\text{NDF}: 5300.6/16$

Left Out: 5.768 ± 0.086 $\chi^2/\text{NDF}: 3999.0/19$

Right Out: 8.514 ± 0.213 $\chi^2/\text{NDF}: 6719.4/18$

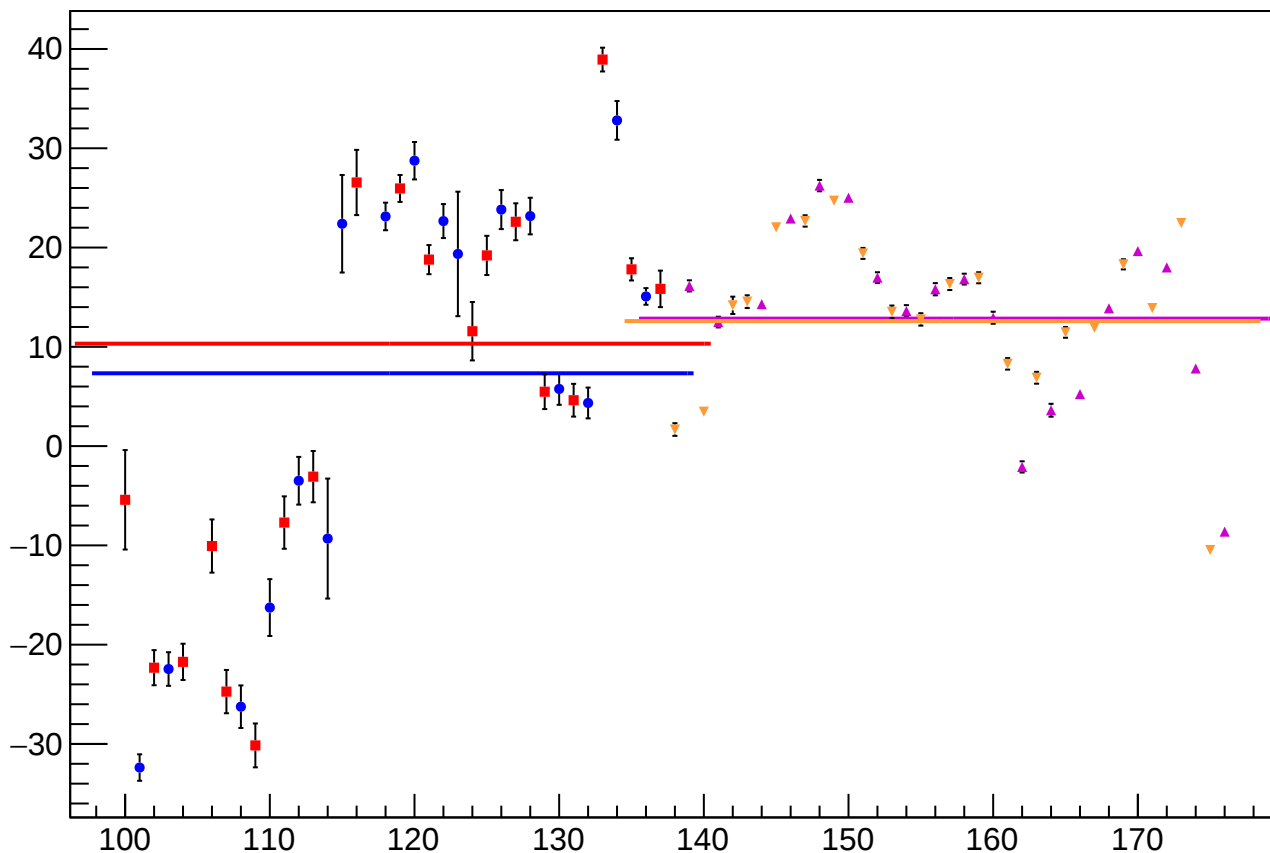
Left In: 5.305 ± 0.087 $\chi^2/\text{NDF}: 4677.0/18$

+ sign 6.034 ± 0.080 $\chi^2/\text{NDF}: 9370.1/36$

All: 5.901 ± 0.057 $\chi^2/\text{NDF}: 20966.0/74$

- sign 5.766 ± 0.081 $\chi^2/\text{NDF}: 11590.3/37$

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: 12.591 ± 0.116 χ^2/NDF : 7095.9/19

Right Out: 10.317 ± 0.417 χ^2/NDF : 2281.5/18

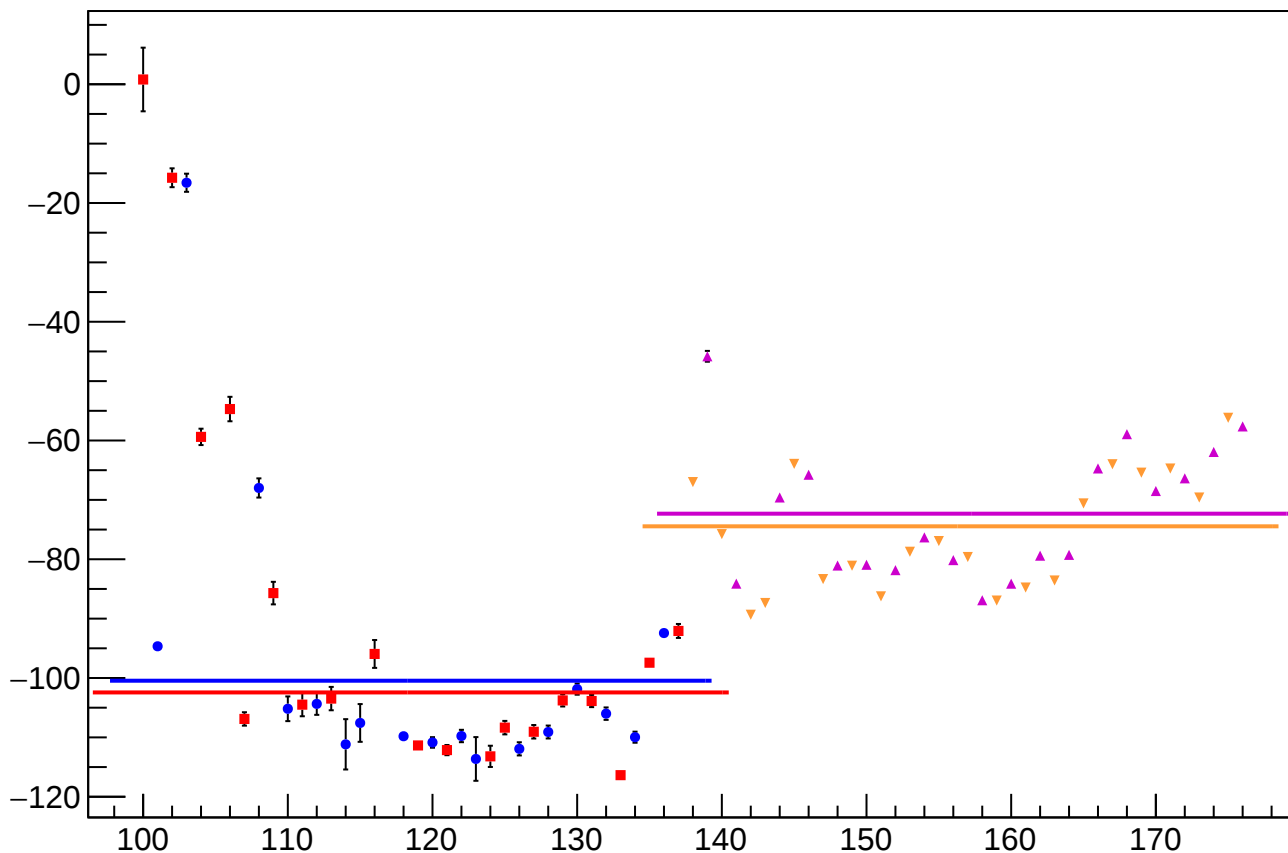
Left In: 12.839 ± 0.115 χ^2/NDF : 7032.8/18

+ sign 12.216 ± 0.112 χ^2/NDF : 9535.6/36

All: 12.440 ± 0.079 χ^2/NDF : 18891.9/74

- sign 12.661 ± 0.111 χ^2/NDF : 9348.3/37

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: -74.454 ± 0.099 χ^2/NDF : 9963.4/19

Right Out: -102.431 ± 0.246 χ^2/NDF : 6094.3/18

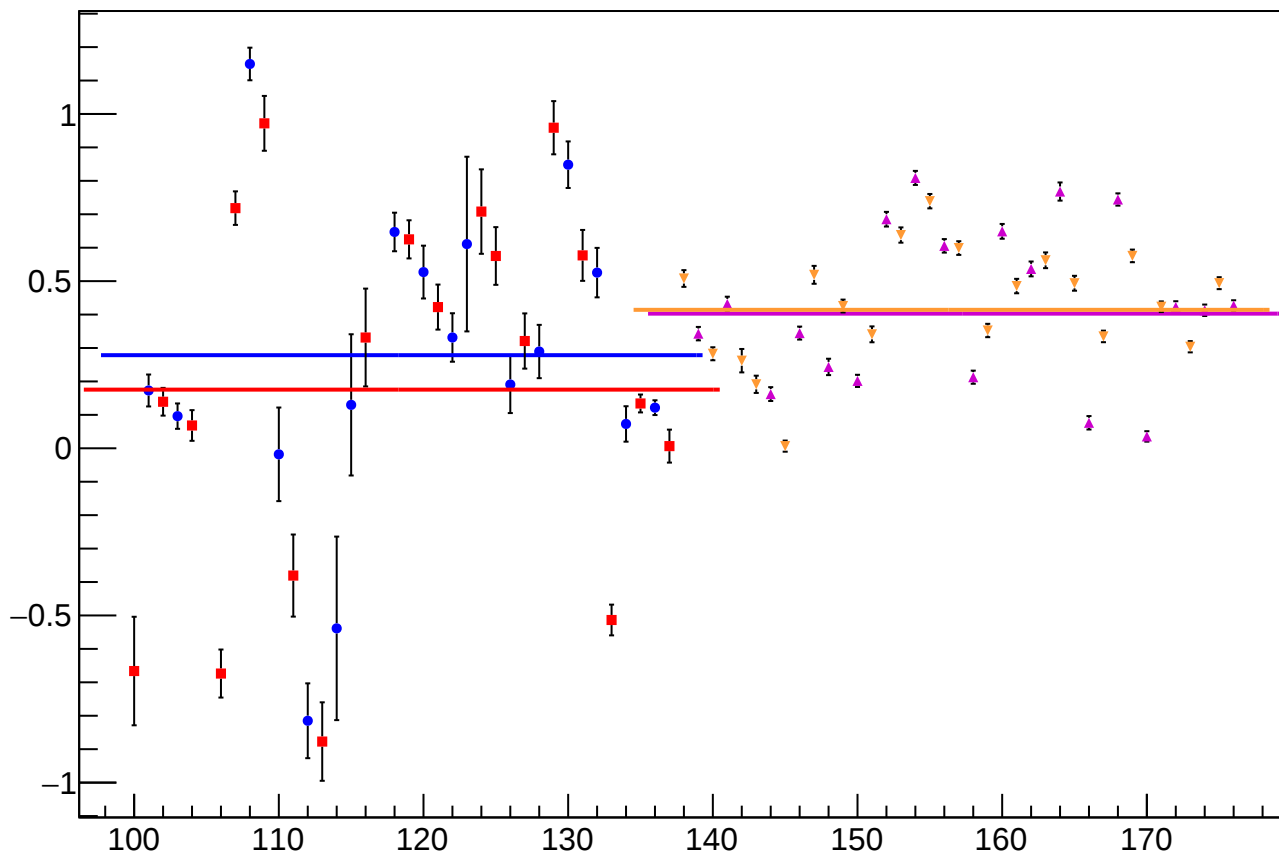
Left In: -72.325 ± 0.100 χ^2/NDF : 9351.6/18

+ sign -77.951 ± 0.092 χ^2/NDF : 23732.7/36

All: -77.258 ± 0.065 χ^2/NDF : 52136.2/74

- sign -76.559 ± 0.092 χ^2/NDF : 28289.4/37

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: 0.414 $\pm$ 0.005 χ^2 /NDF:1411.7/19

Right Out: 0.175 $\pm$ 0.013 χ^2 /NDF: 967.7/18

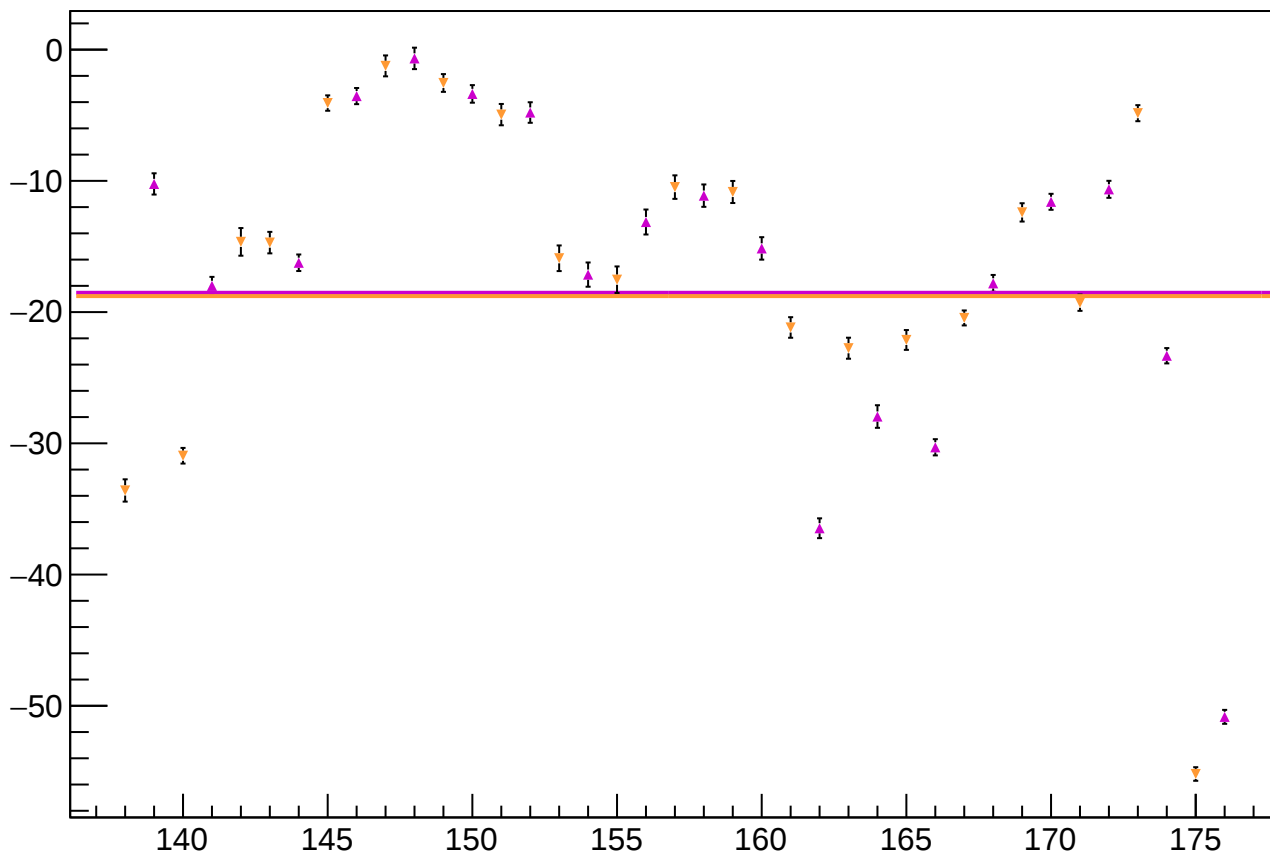
Left In: 0.403 $\pm$ 0.005 χ^2 /NDF:2554.6/18

+ sign 0.400 $\pm$ 0.004 χ^2 /NDF: 2155.9/36

All: 0.390 $\pm$ 0.003 χ^2 /NDF: 5945.2/74

- sign 0.380 $\pm$ 0.004 χ^2 /NDF: 3778.1/37

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.780+/-0.161 χ^2/NDF :8528.5/19

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

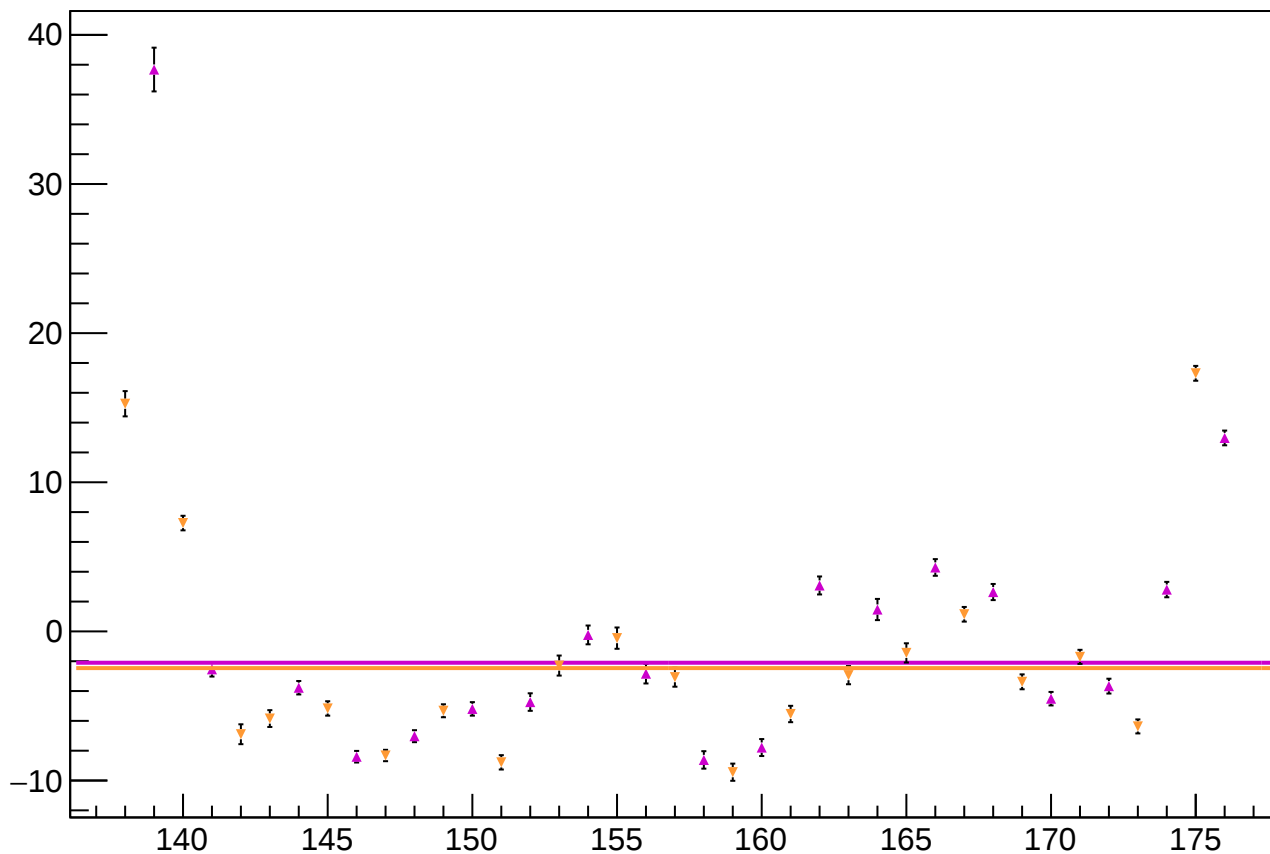
Left In: -18.529+/-0.160 χ^2/NDF :7232.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.654+/-0.114 χ^2/NDF : 15762.3/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

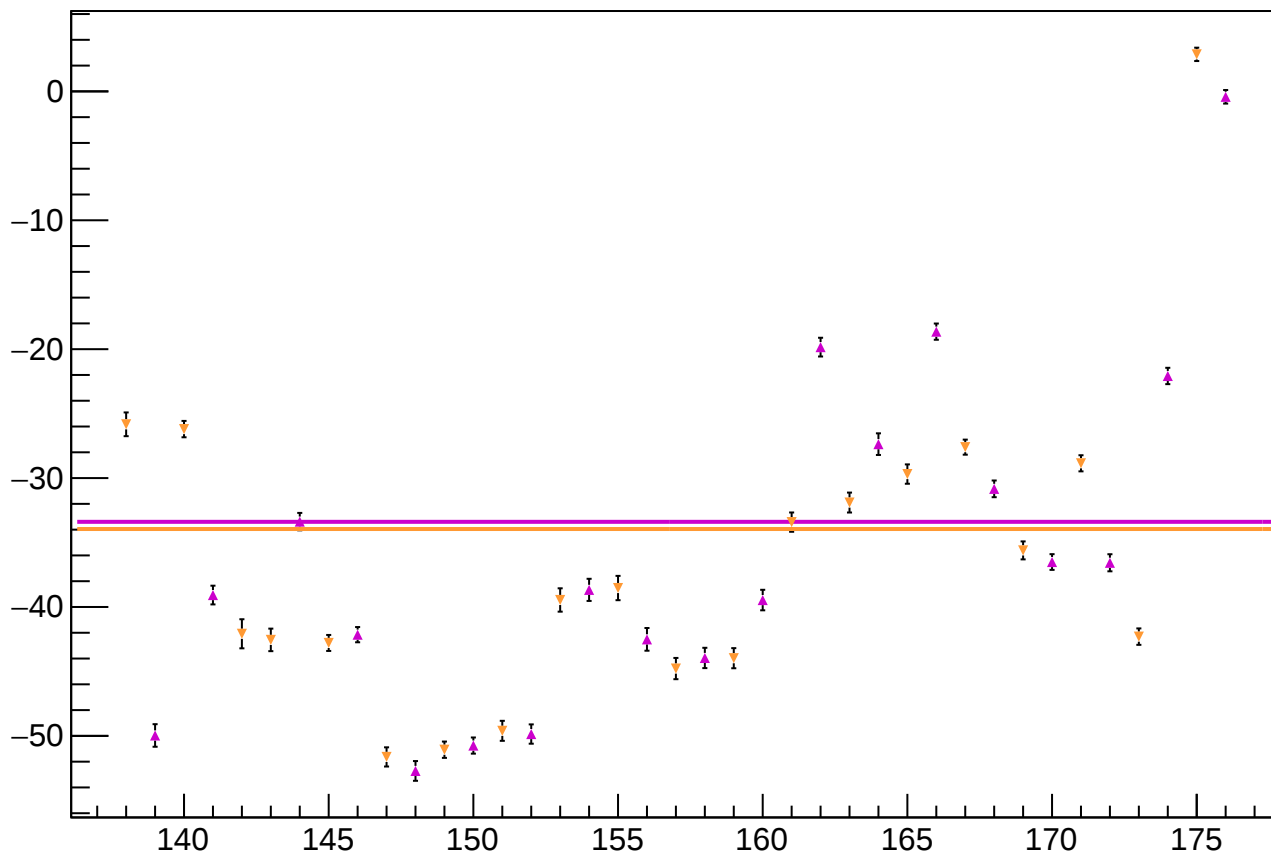
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -2.461 ± 0.119 χ^2/NDF : 3291.9/19
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -2.102 ± 0.120 χ^2/NDF : 2827.9/18

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -2.284 ± 0.084 χ^2/NDF : 6124.4/38
 - 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: -33.951+/-0.161 χ^2/NDF : 8129.3/19

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

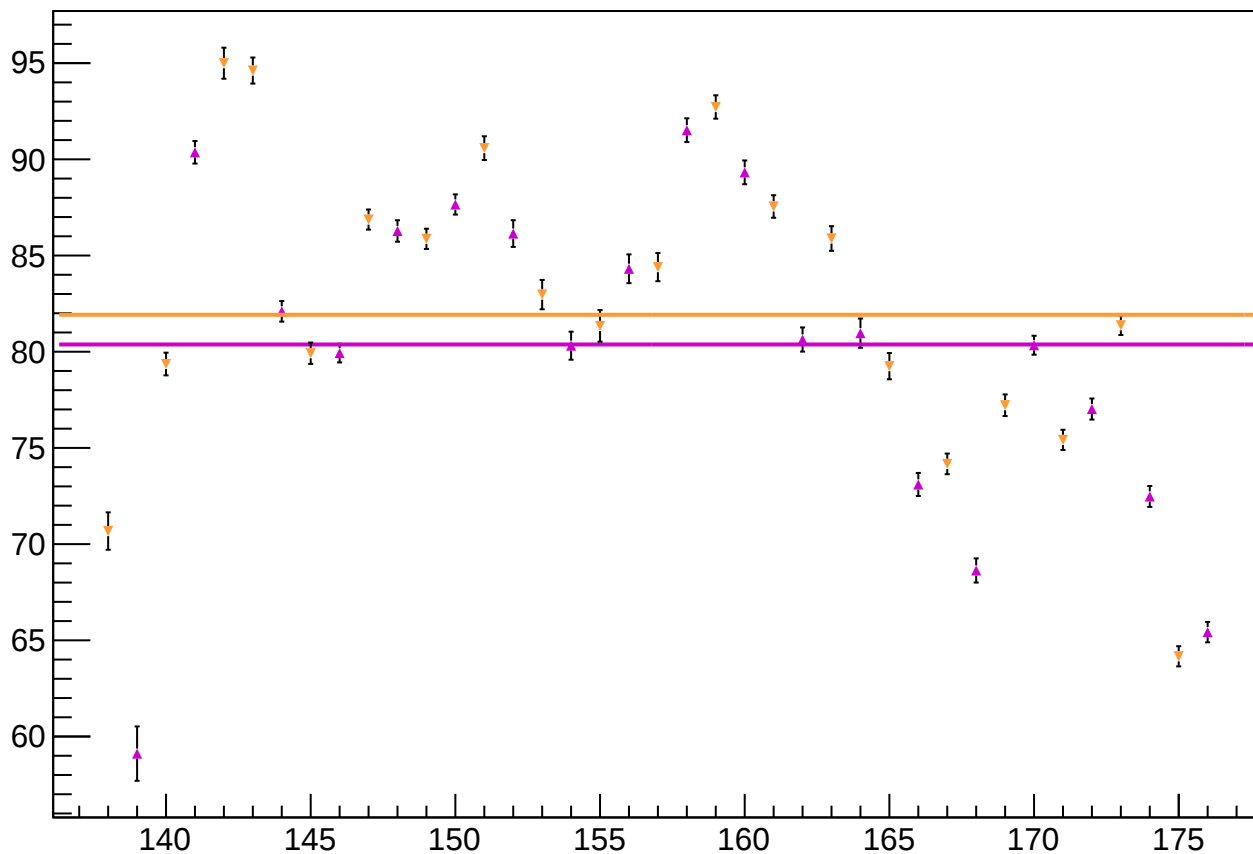
Left In: -33.394+/-0.159 χ^2/NDF : 8176.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.670+/-0.113 χ^2/NDF : 16312.0/38

- 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: 81.922+/-0.136 χ^2/NDF : 3182.5/19

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

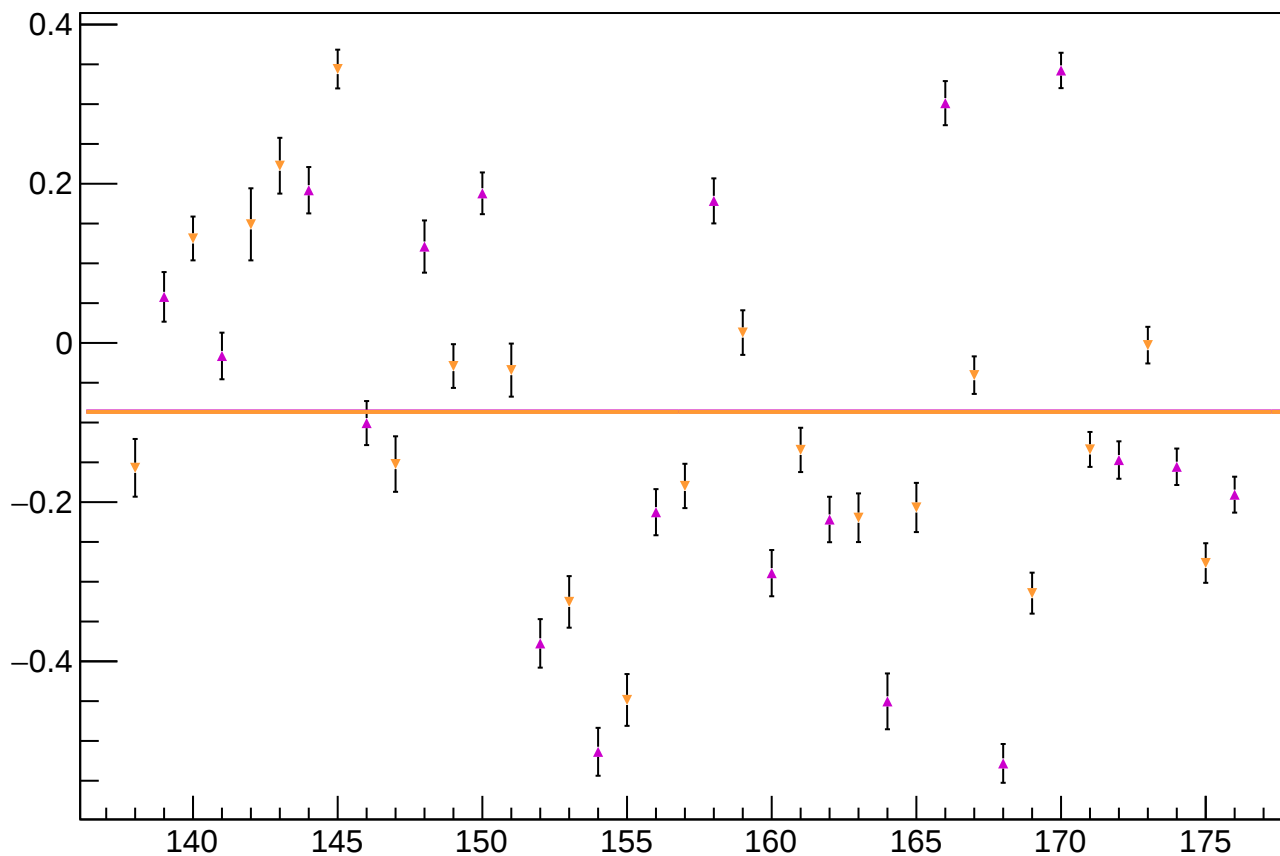
Left In: 80.377+/-0.137 χ^2/NDF : 3003.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.156+/-0.097 χ^2/NDF : 6250.0/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.087 $\pm$ 0.006 χ^2 /NDF:891.9/19

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

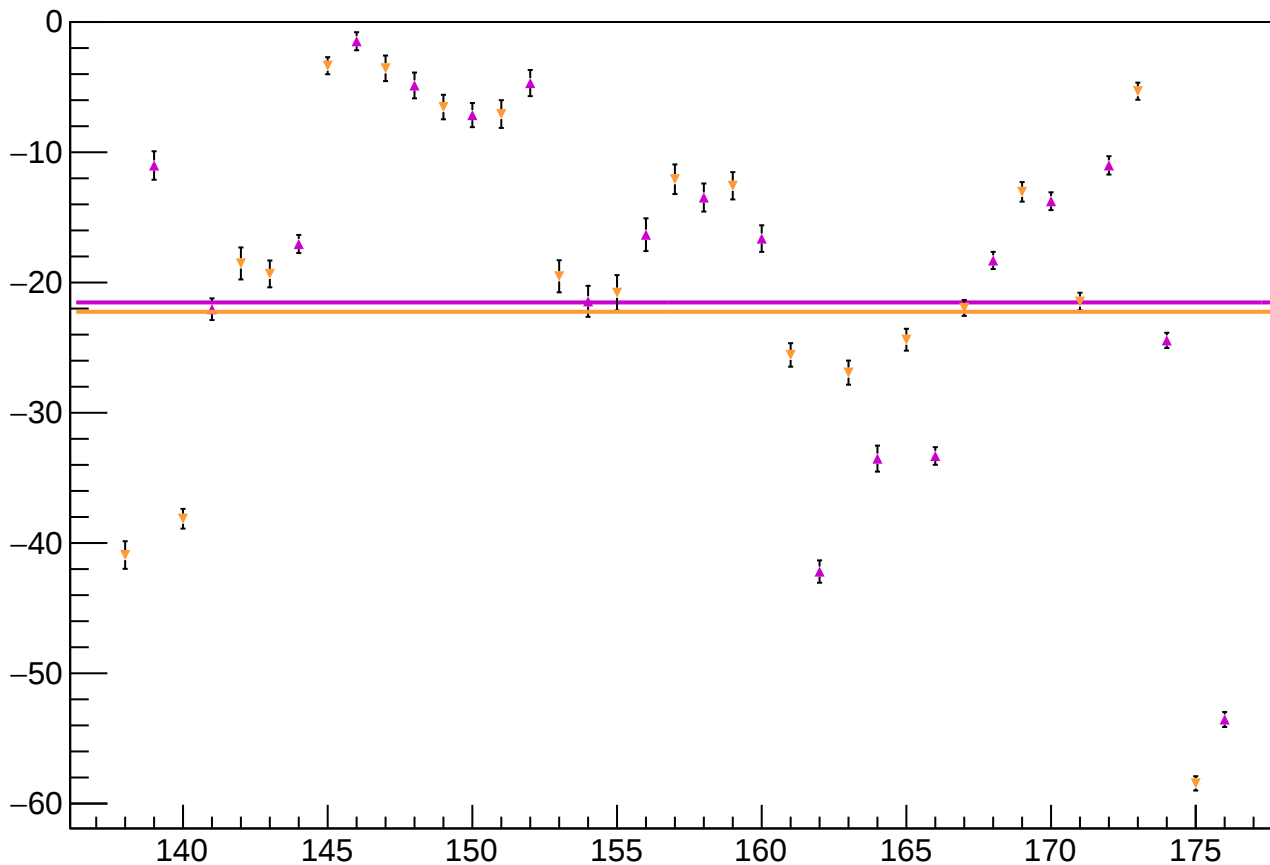
Left In: -0.086 $\pm$ 0.006 χ^2 /NDF:1780.6/18

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

All: -0.086 $\pm$ 0.004 χ^2 /NDF: 2672.5/38

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

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -22.246+/-0.187 χ^2/NDF : 7828.0/19

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

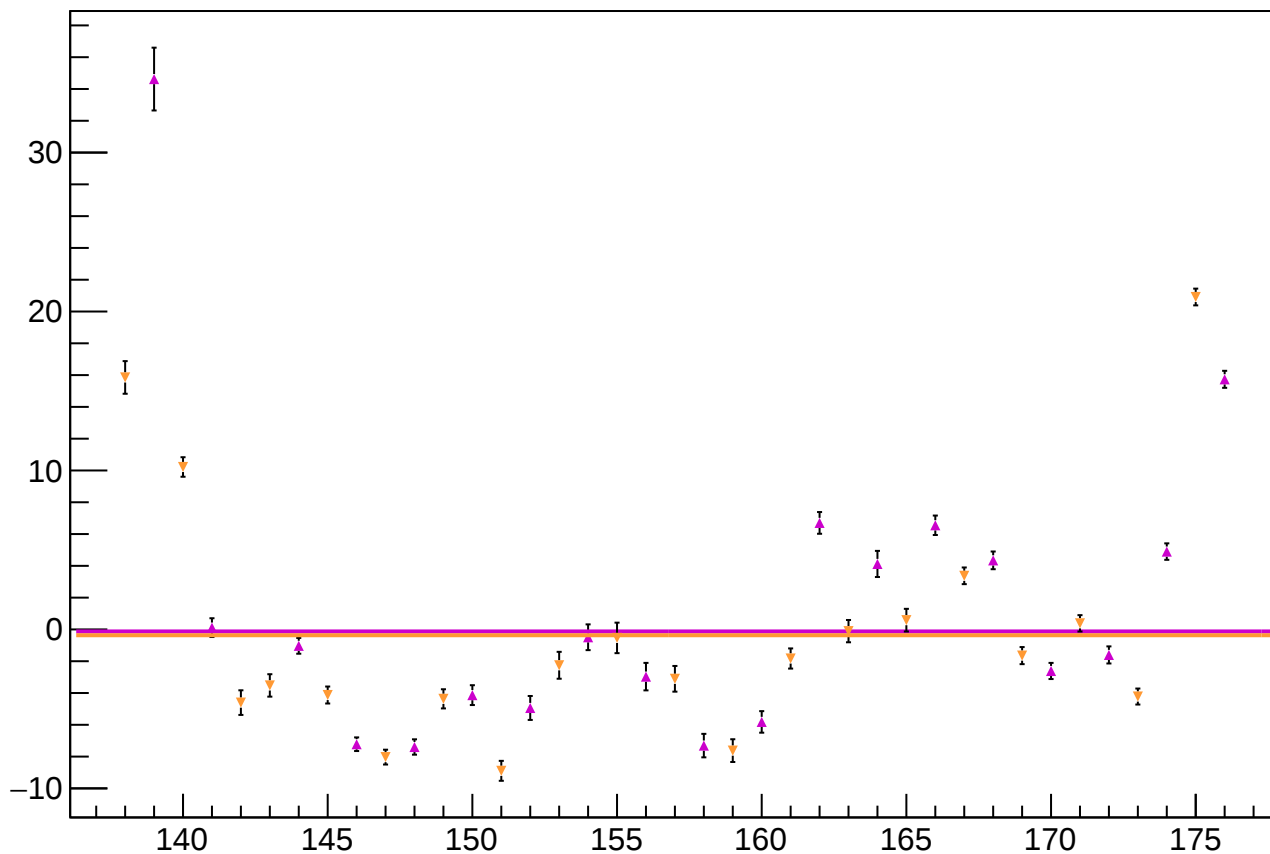
Left In: -21.528+/-0.184 χ^2/NDF : 6366.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.880+/-0.131 χ^2/NDF : 14201.5/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -0.366 $\pm$ 0.139 χ^2 /NDF:3021.2/19

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

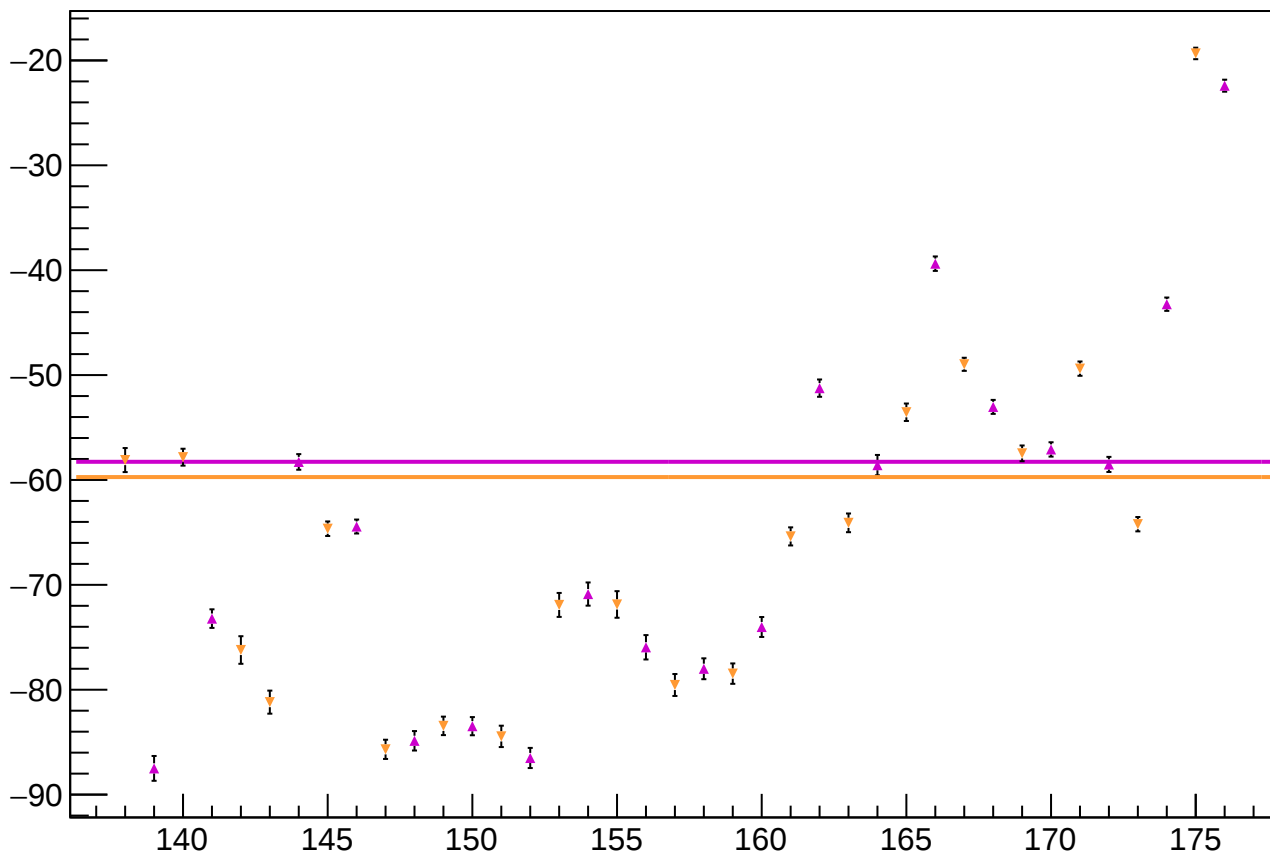
Left In: -0.126 $\pm$ 0.138 χ^2 /NDF:2386.2/18

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

All: -0.246 $\pm$ 0.098 χ^2 /NDF: 5408.9/38

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

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -59.725+/-0.187 χ^2/NDF : 9742.0/19

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

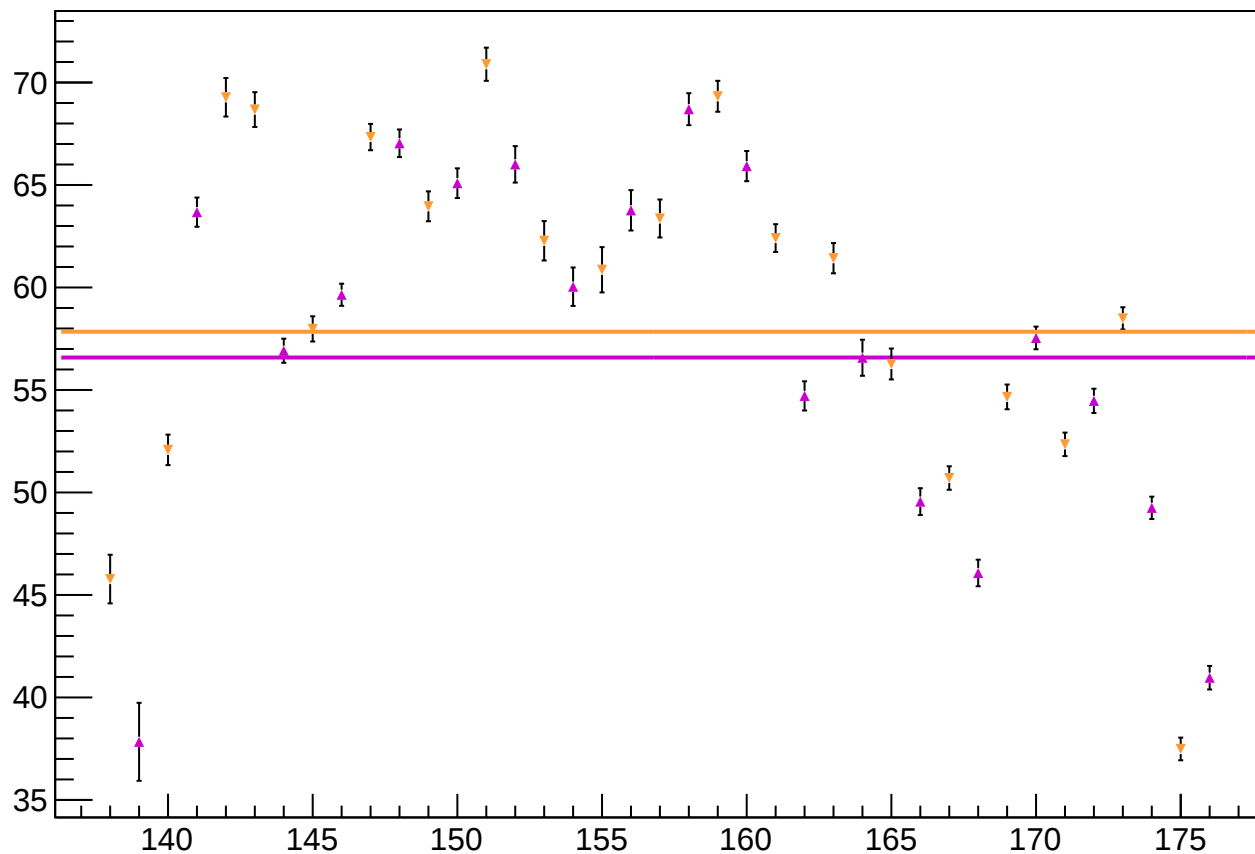
Left In: -58.268+/-0.183 χ^2/NDF : 9906.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.981+/-0.131 χ^2/NDF : 19679.8/38

- 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: 57.842+/-0.159 χ^2/NDF : 3023.1/19

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

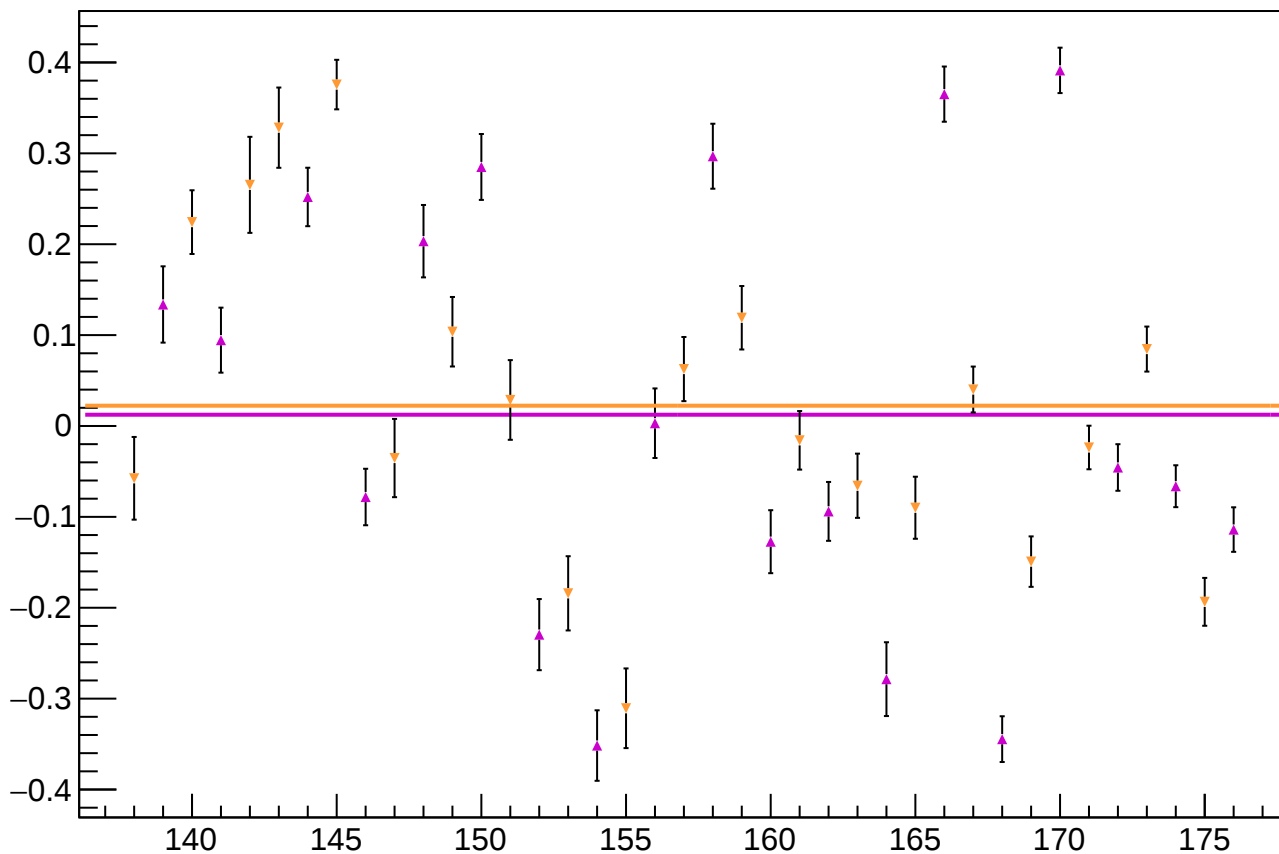
Left In: 56.583+/-0.158 χ^2/NDF : 2508.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.209+/-0.112 χ^2/NDF : 5563.6/38

- 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: 0.022 $\pm$ 0.007 χ^2 /NDF:506.4/19

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

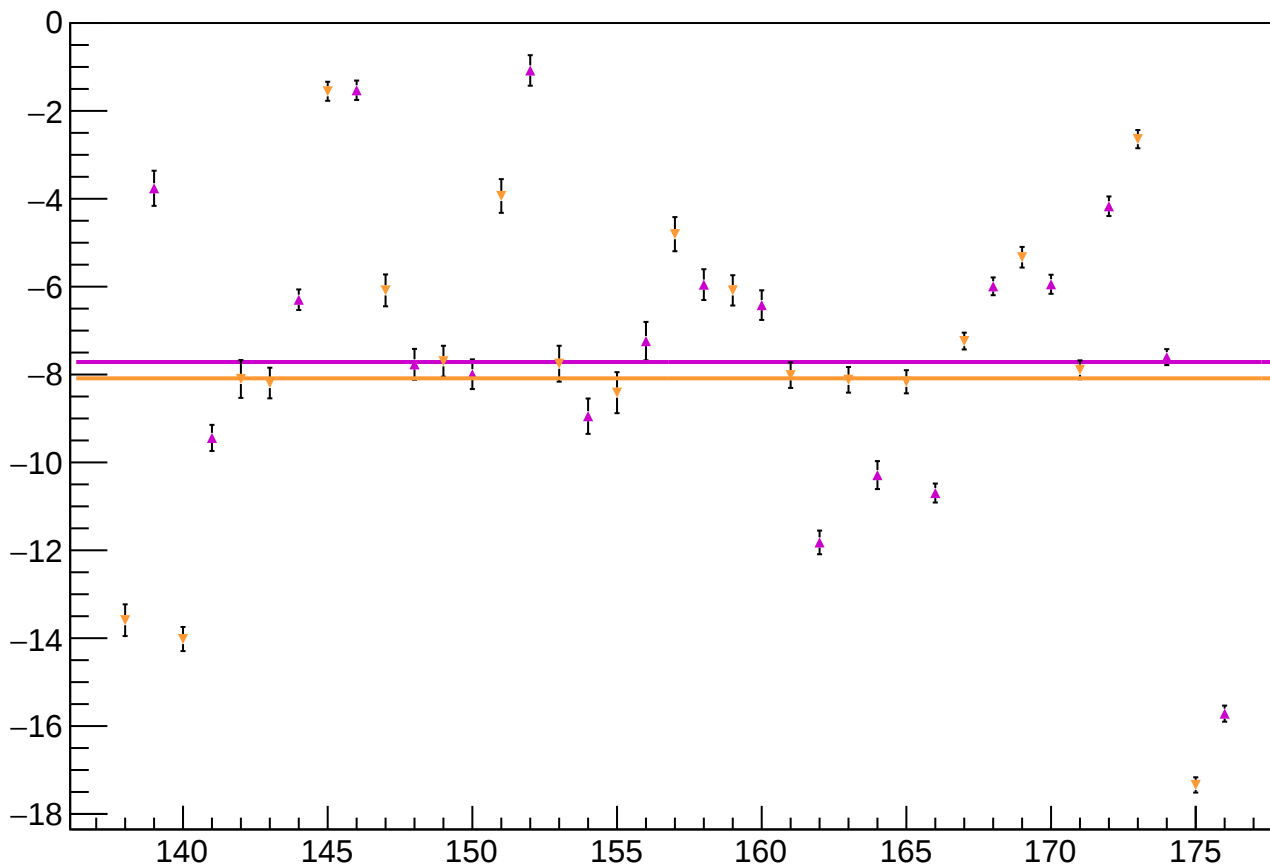
Left In: 0.012 $\pm$ 0.007 χ^2 /NDF:1034.5/18

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

All: 0.017 $\pm$ 0.005 χ^2 /NDF: 1541.8/38

- 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: -8.086+/-0.061 χ^2/NDF : 5534.9/19

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

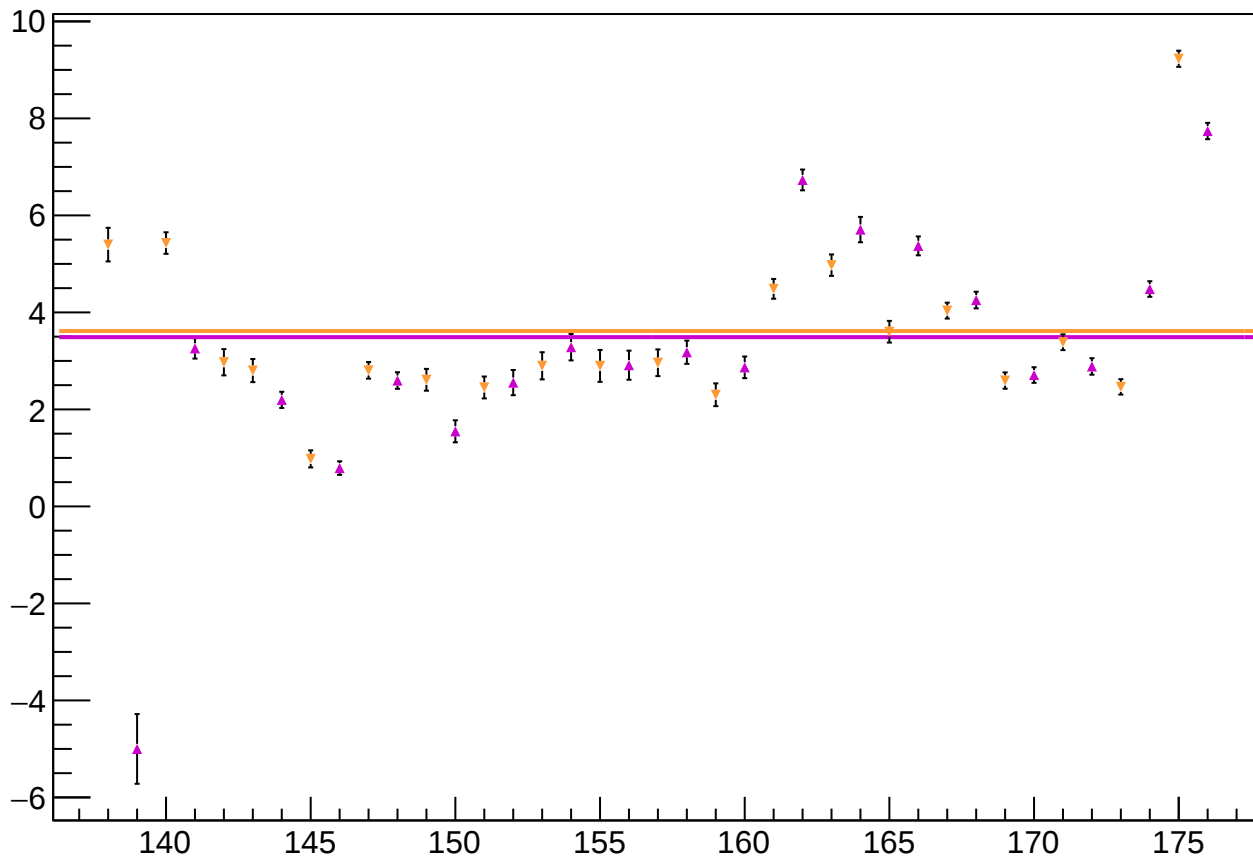
Left In: -7.715+/-0.060 χ^2/NDF : 4162.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.895+/-0.043 χ^2/NDF : 9716.3/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 3.617+/-0.046 χ^2/NDF :1738.3/19

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

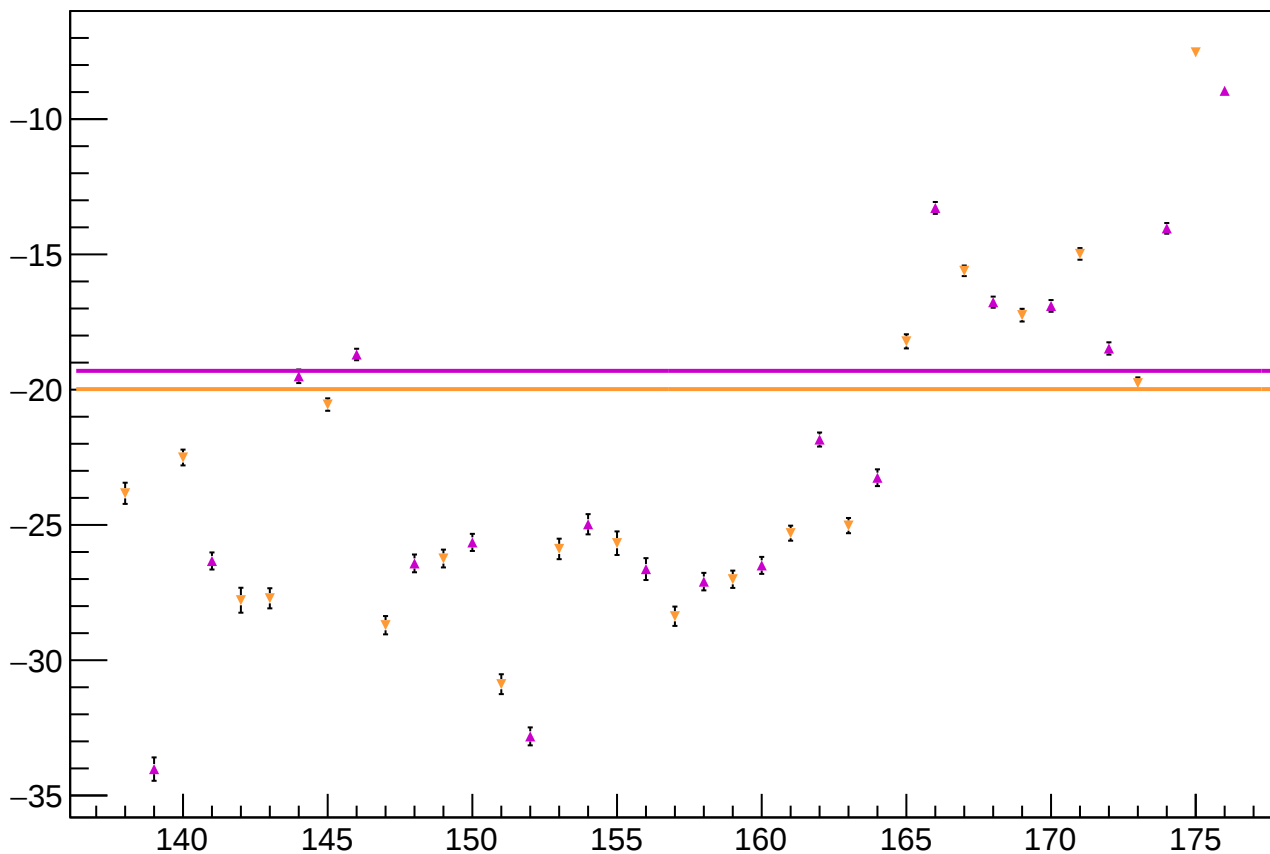
Left In: 3.490+/-0.045 χ^2/NDF :1827.2/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.552+/-0.032 χ^2/NDF : 3569.3/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -19.979 $\pm$ 0.061 χ^2 /NDF:11252.7/19

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

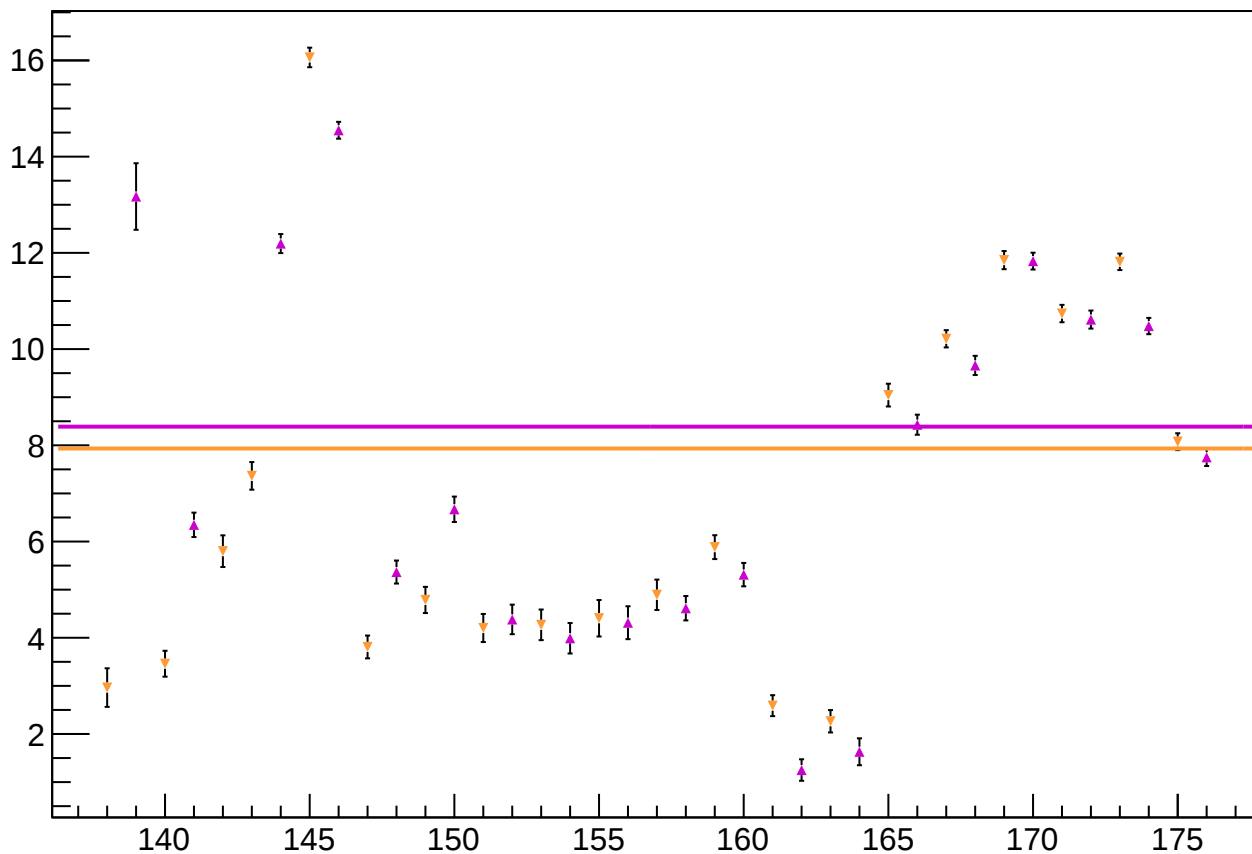
Left In: -19.304 $\pm$ 0.060 χ^2 /NDF:11124.9/18

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

All: -19.632 $\pm$ 0.043 χ^2 /NDF: 22439.6/38

- 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: 7.933 $\pm$ 0.052 χ^2 /NDF:5622.3/19

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

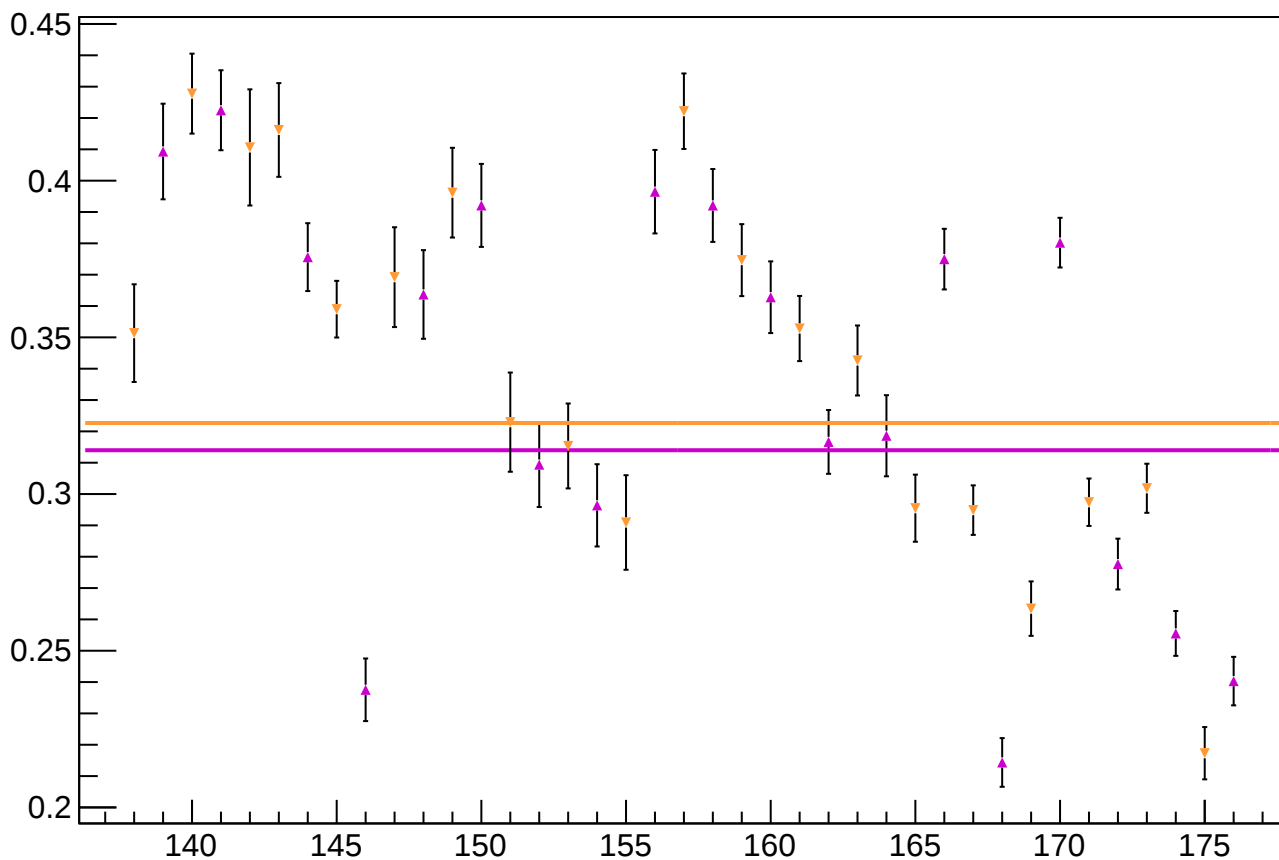
Left In: 8.388 $\pm$ 0.052 χ^2 /NDF:5148.8/18

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

All: 8.164 $\pm$ 0.037 χ^2 /NDF: 10809.5/38

- 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: 0.323 $\pm$ 0.002 χ^2 /NDF:532.0/19

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

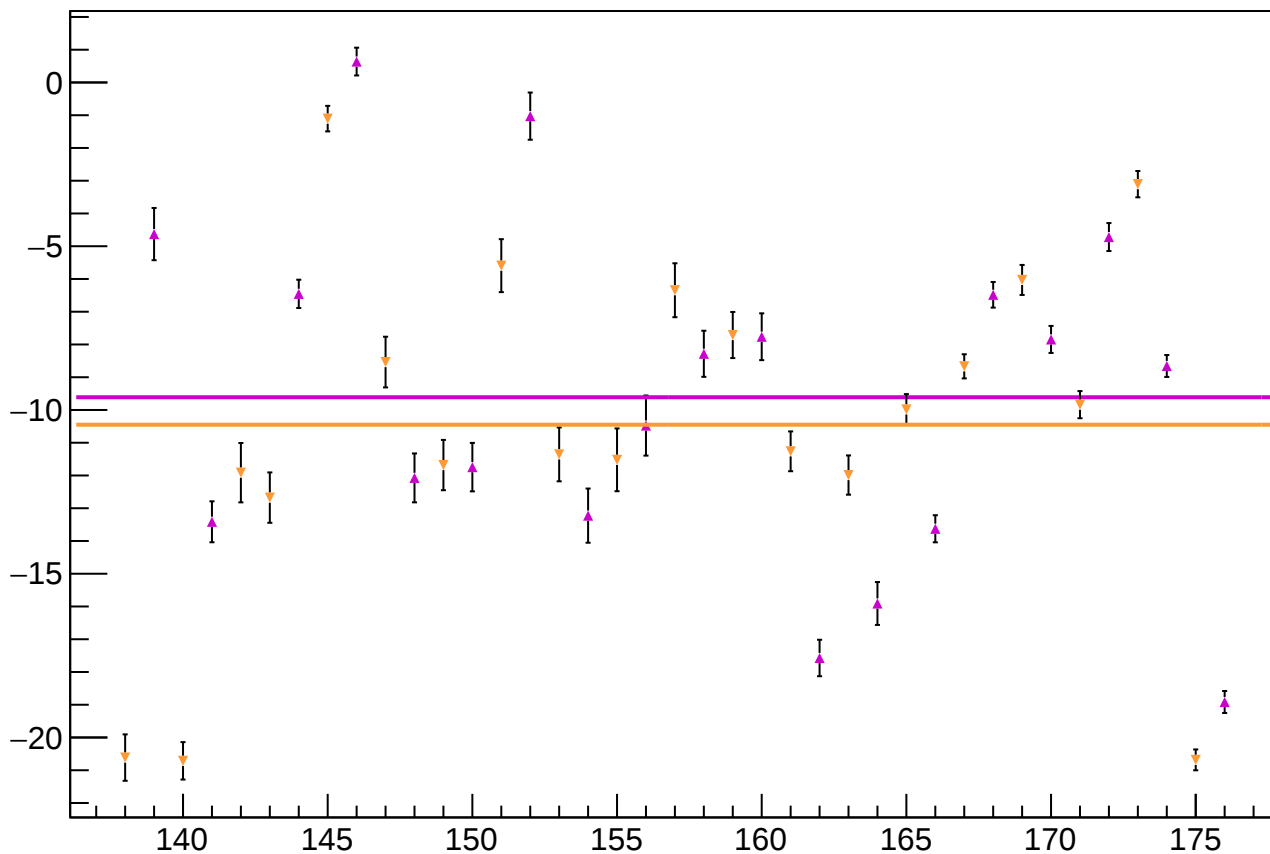
Left In: 0.314 $\pm$ 0.002 χ^2 /NDF:804.6/18

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

All: 0.318 $\pm$ 0.002 χ^2 /NDF: 1343.3/38

- 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: -10.450 ± 0.120 χ^2/NDF : 2694.3/19

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

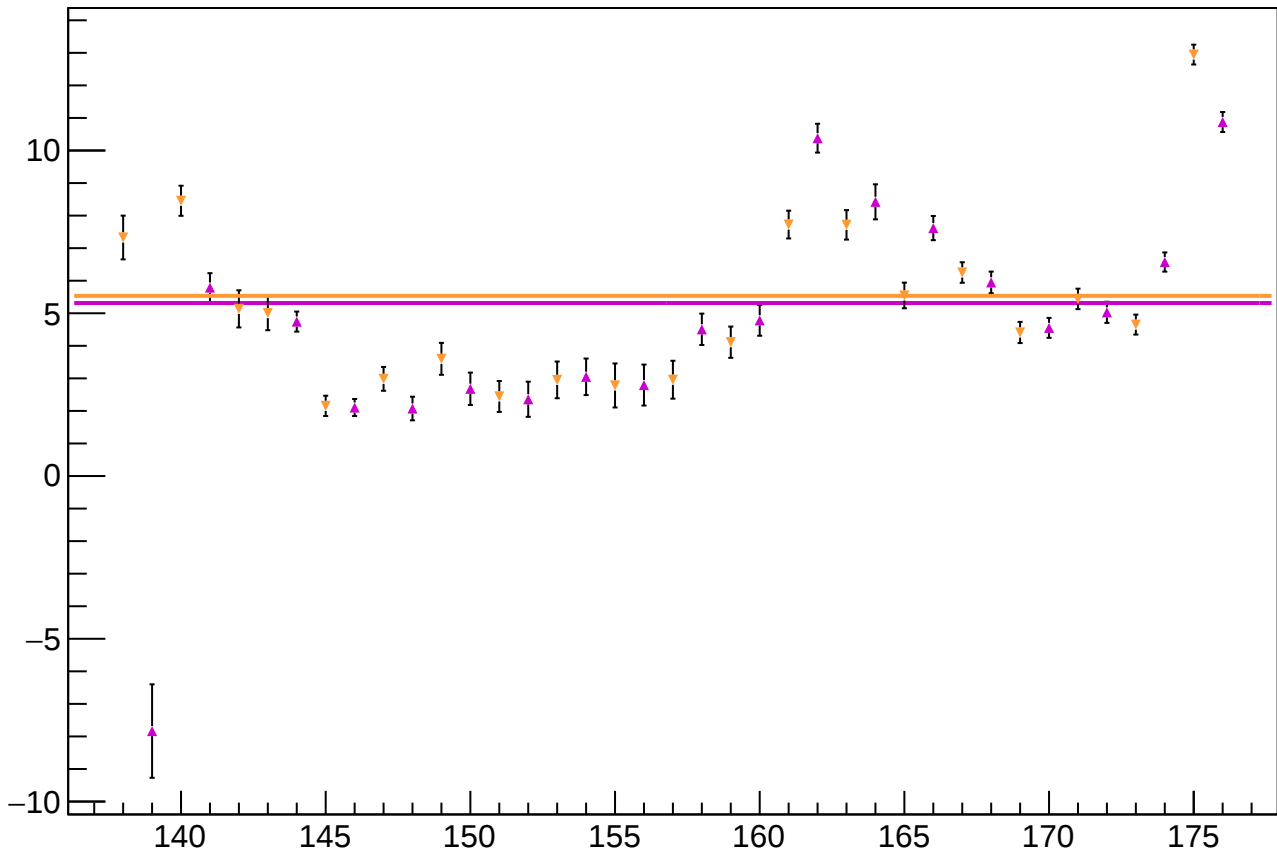
Left In: -9.611 ± 0.116 χ^2/NDF : 2284.2/18

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.017 ± 0.083 χ^2/NDF : 5003.8/38

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5.535+/-0.091 χ^2/NDF :1005.5/19

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

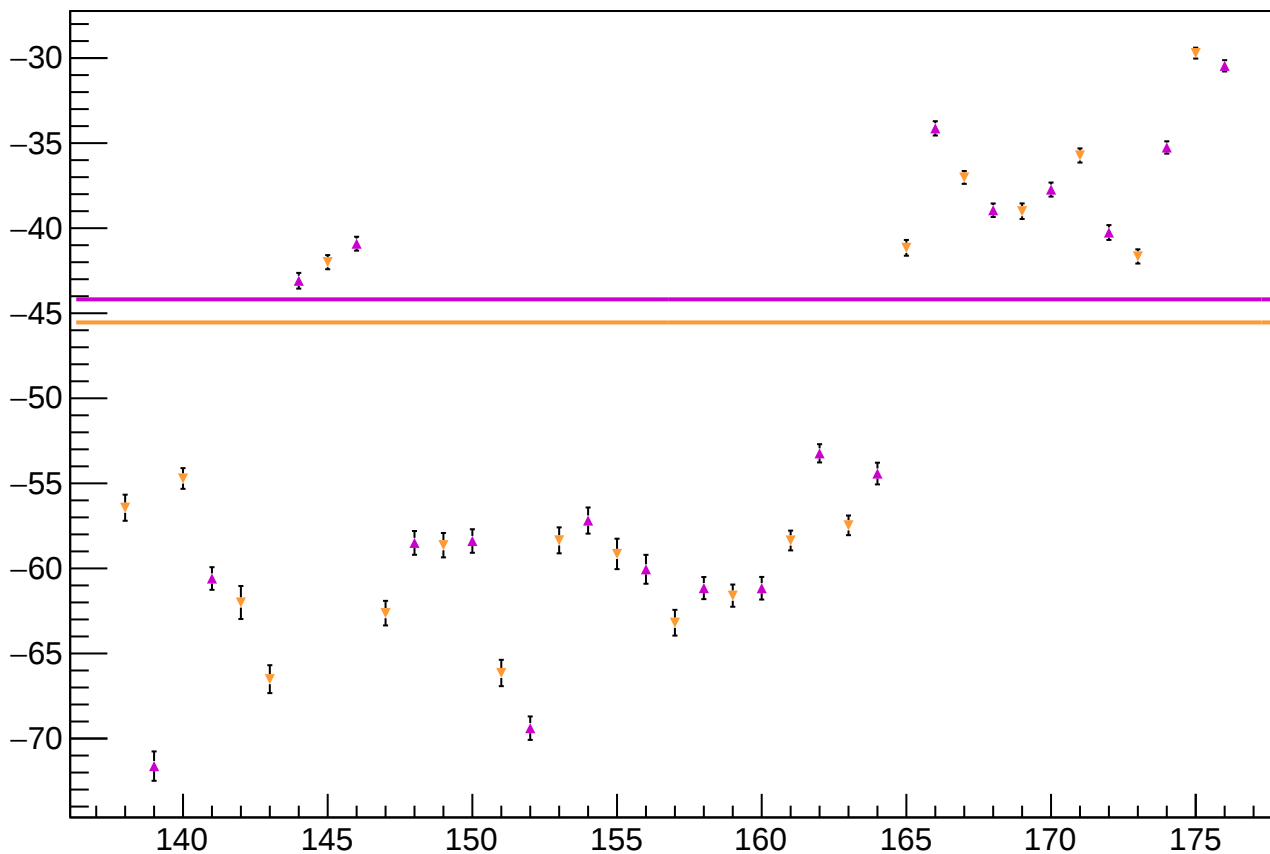
Left In: 5.314+/-0.089 χ^2/NDF :971.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.421+/-0.064 χ^2/NDF : 1980.4/38

- sign 0.000+/-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: -45.540+/-0.120 χ^2/NDF : 9508.9/19

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

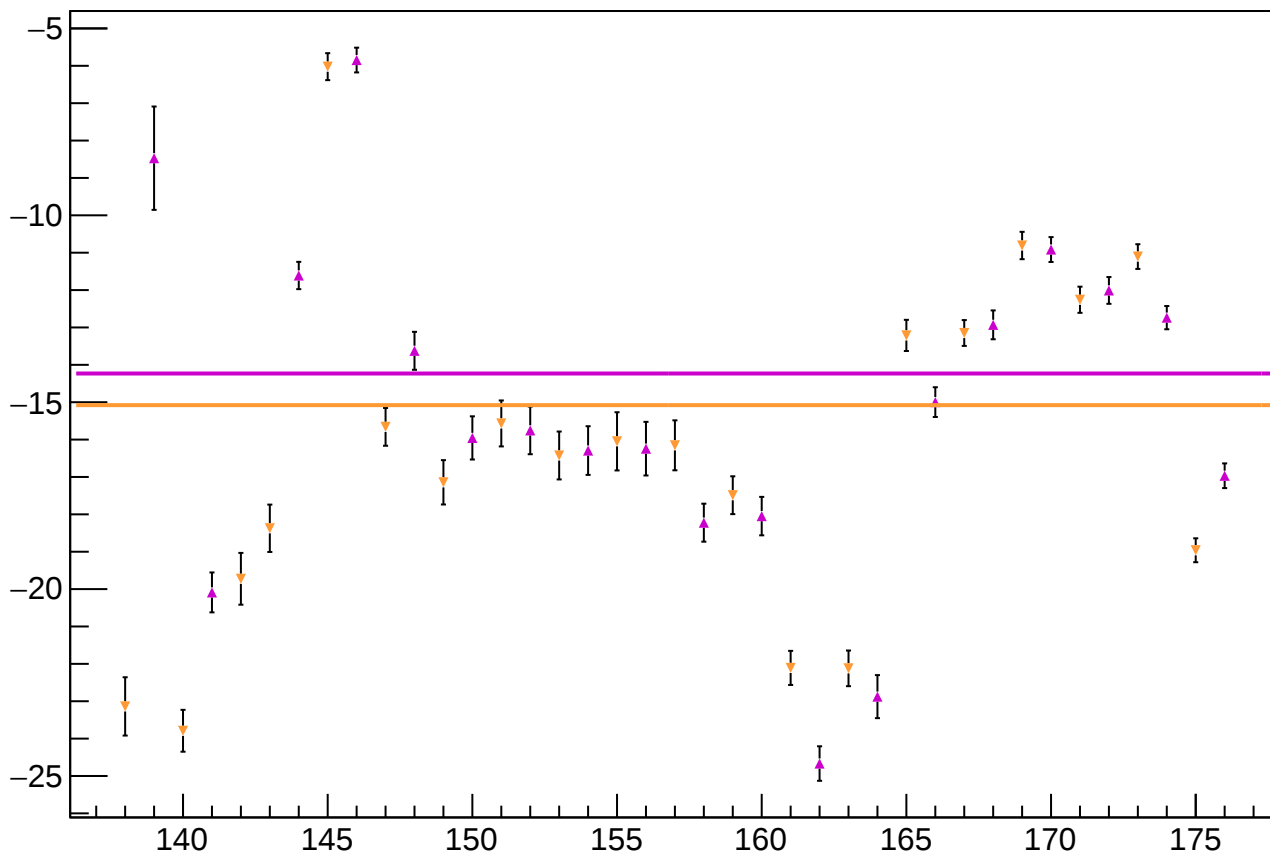
Left In: -44.183+/-0.116 χ^2/NDF : 9757.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.838+/-0.084 χ^2/NDF : 19332.5/38

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -15.078 $\pm$ 0.103 χ^2 /NDF:2095.8/19

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

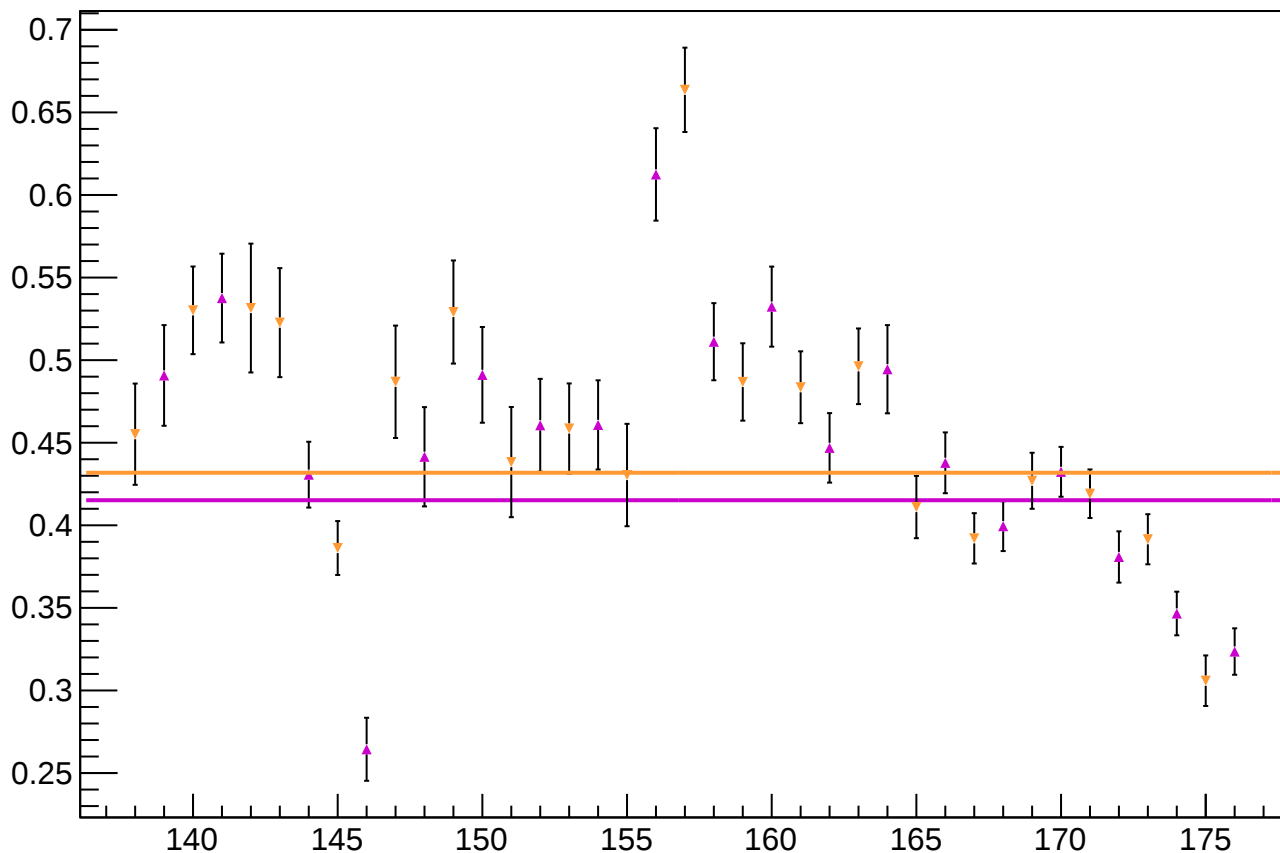
Left In: -14.232 $\pm$ 0.101 χ^2 /NDF:1961.7/18

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

All: -14.646 $\pm$ 0.072 χ^2 /NDF: 4092.1/38

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

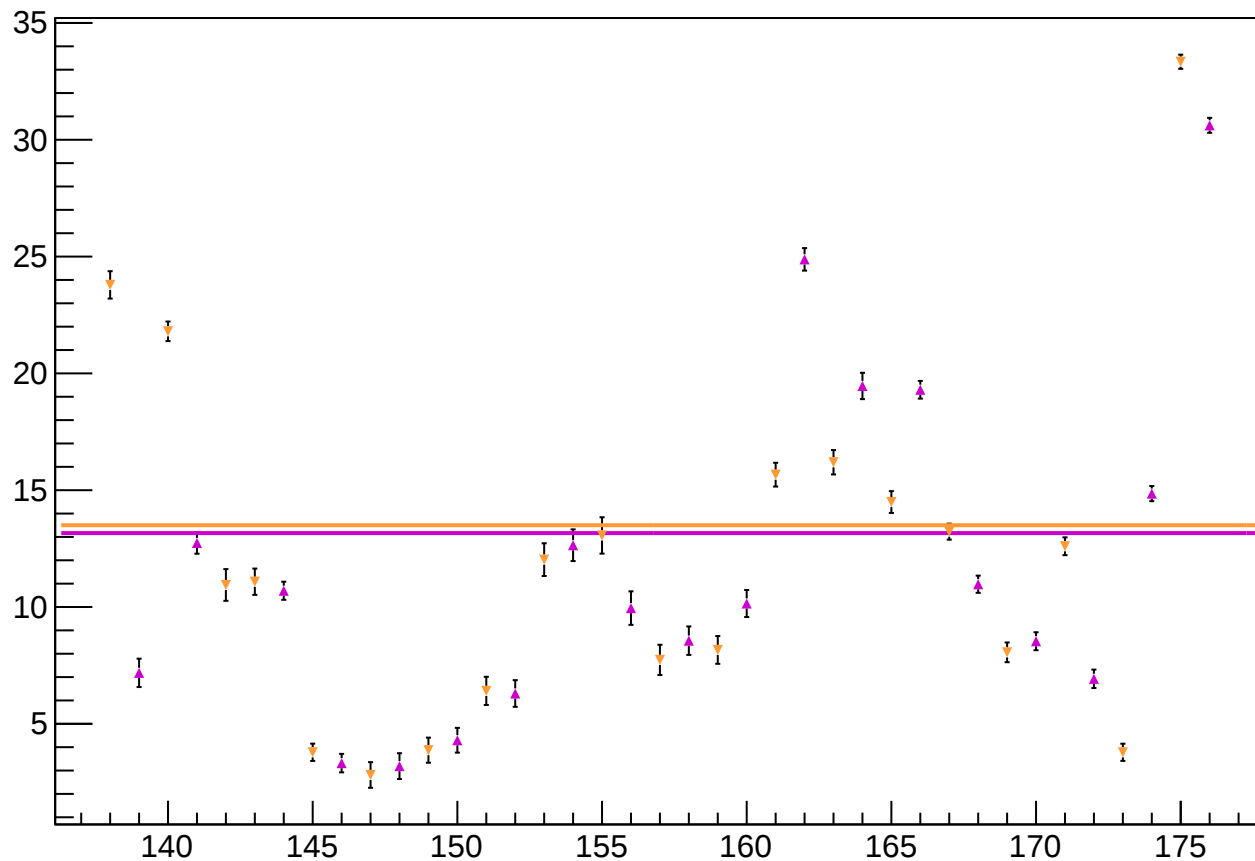
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.432 $\pm$ 0.005 χ^2 /NDF:234.7/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.415 $\pm$ 0.005 χ^2 /NDF:282.3/18

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.423 $\pm$ 0.003 χ^2 /NDF: 523.4/38
 - 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: 13.501+/-0.105 χ^2/NDF : 7641.9/19

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

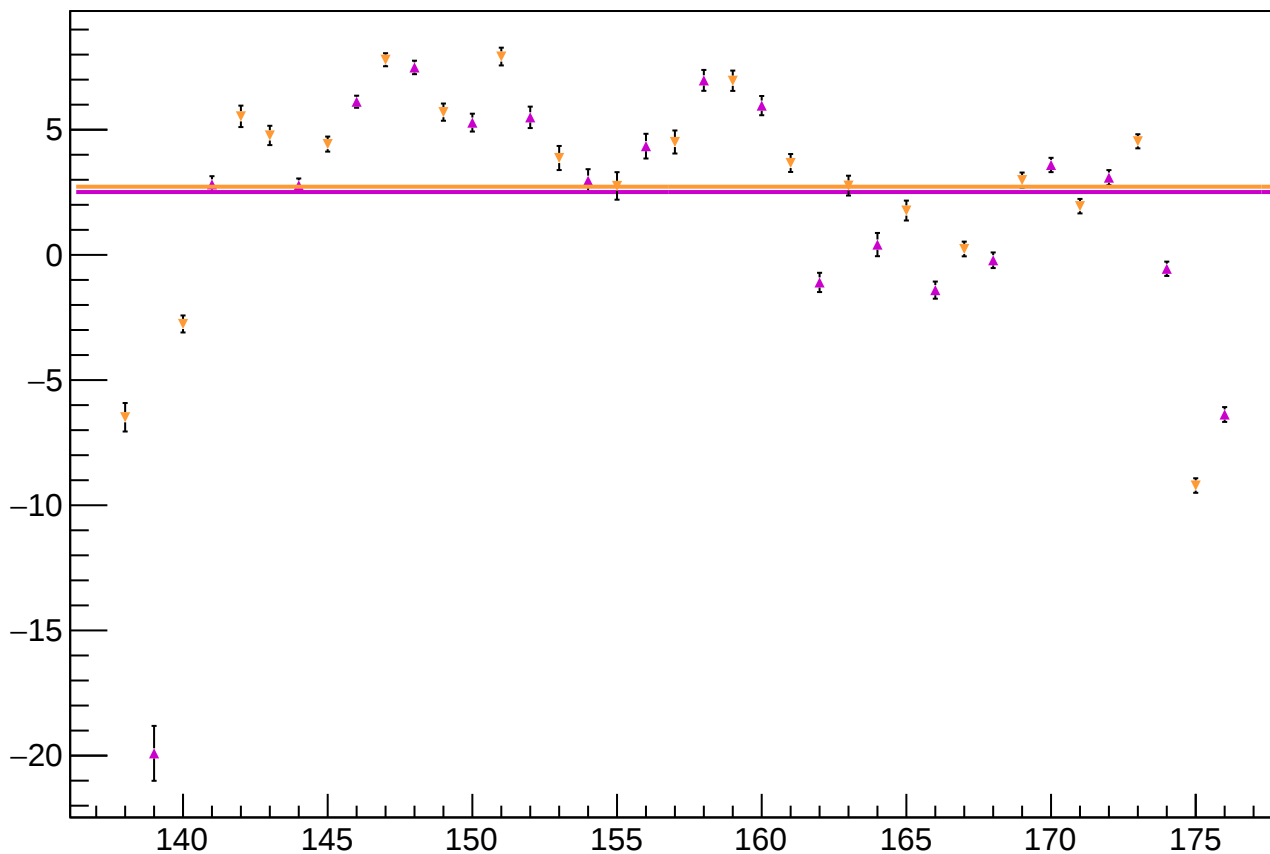
Left In: 13.164+/-0.103 χ^2/NDF : 6017.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.330+/-0.073 χ^2/NDF : 13665.0/38

- 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: 2.724 $\pm$ 0.078 χ^2 /NDF:3245.6/19

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

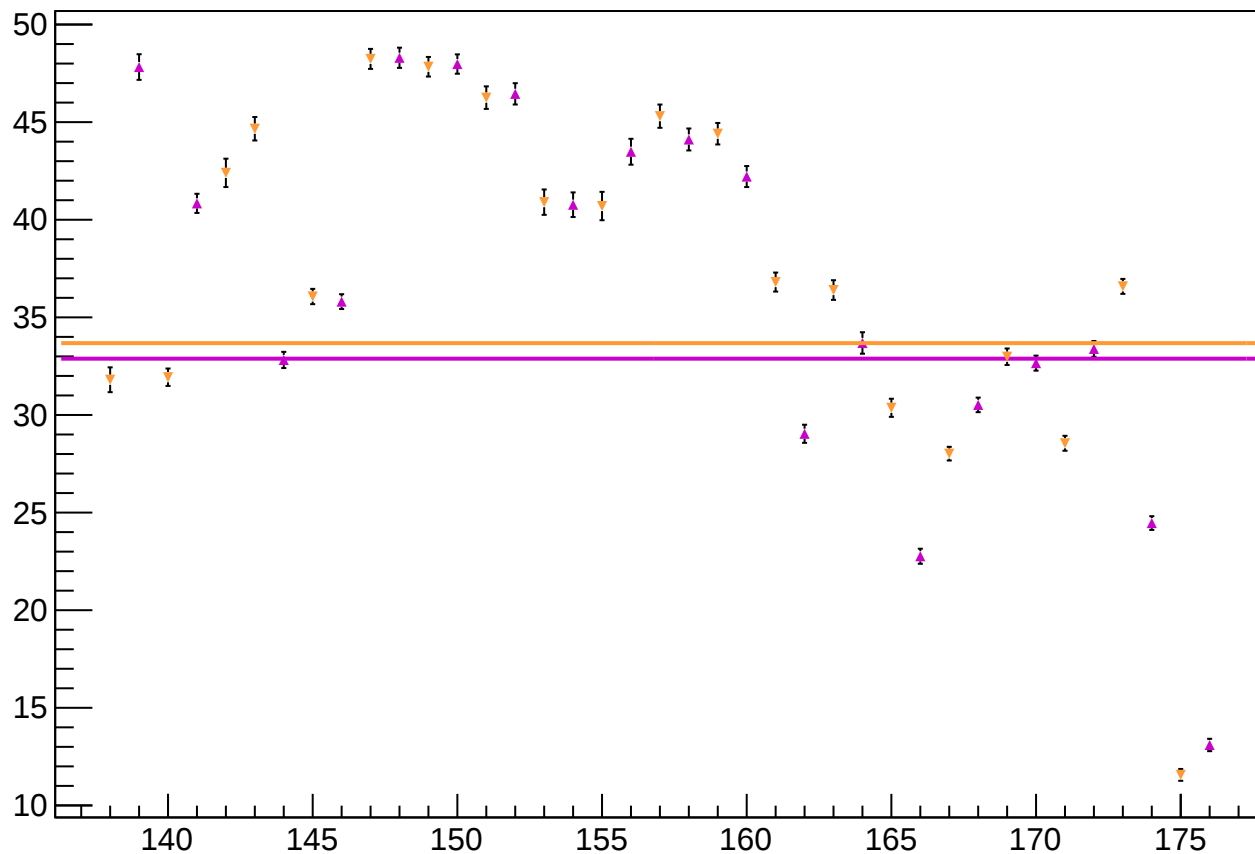
Left In: 2.510 $\pm$ 0.078 χ^2 /NDF:2652.7/18

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

All: 2.617 $\pm$ 0.055 χ^2 /NDF: 5902.0/38

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

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 33.680 $\pm$ 0.105 χ^2 /NDF:9528.2/19

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

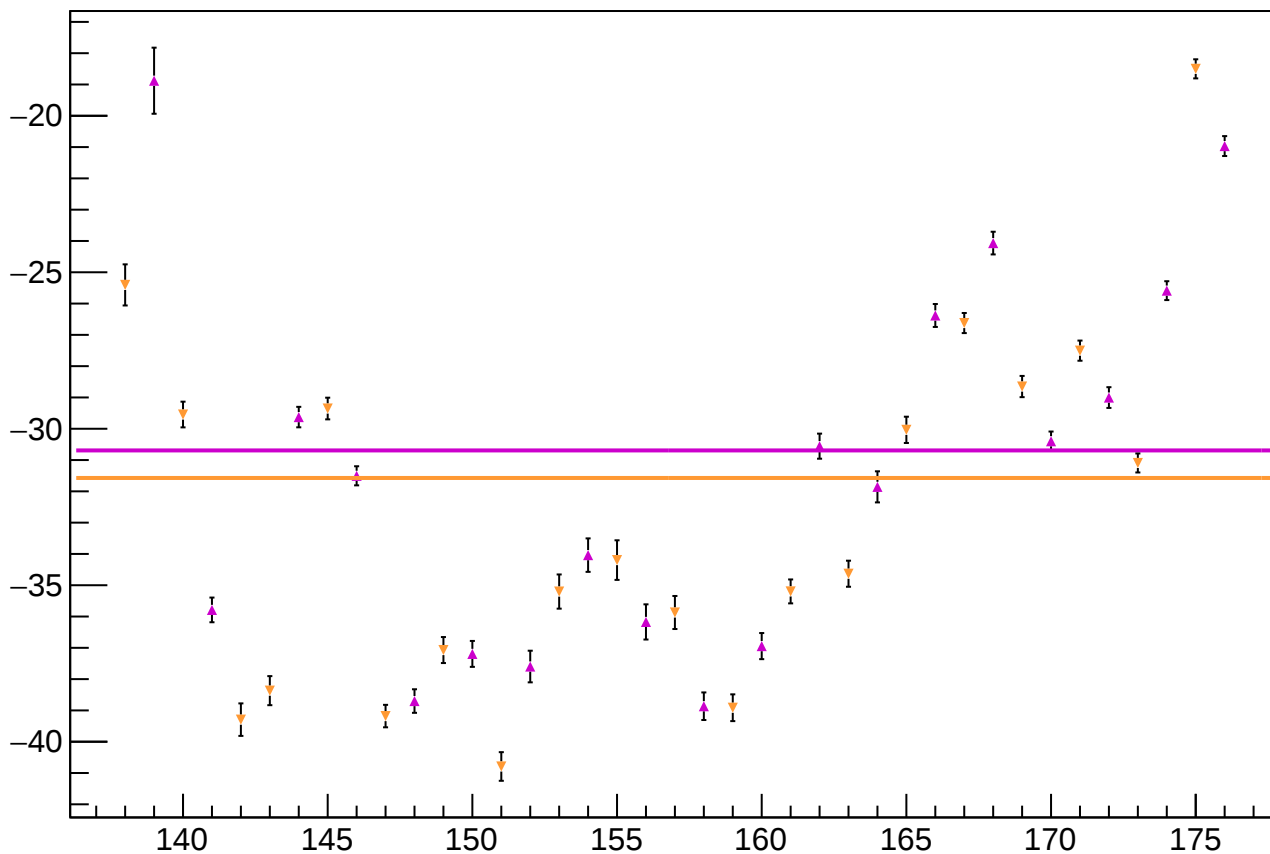
Left In: 32.884 $\pm$ 0.103 χ^2 /NDF:9648.4/18

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

All: 33.274 $\pm$ 0.073 χ^2 /NDF: 19206.0/38

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

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -31.573+/-0.089 χ^2/NDF : 4507.6/19

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

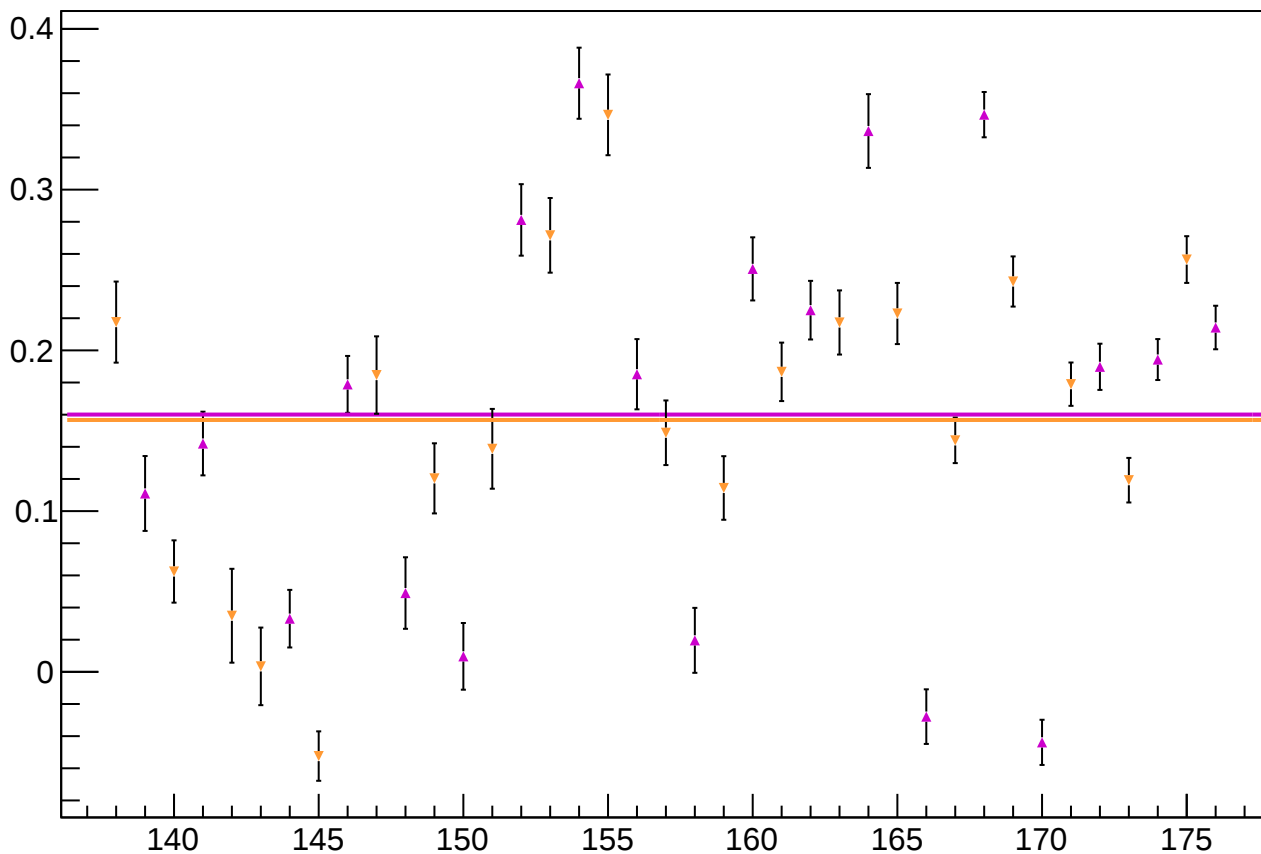
Left In: -30.693+/-0.089 χ^2/NDF : 3625.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.130+/-0.063 χ^2/NDF : 8182.0/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.157 $\pm$ 0.004 χ^2 /NDF:475.5/19

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

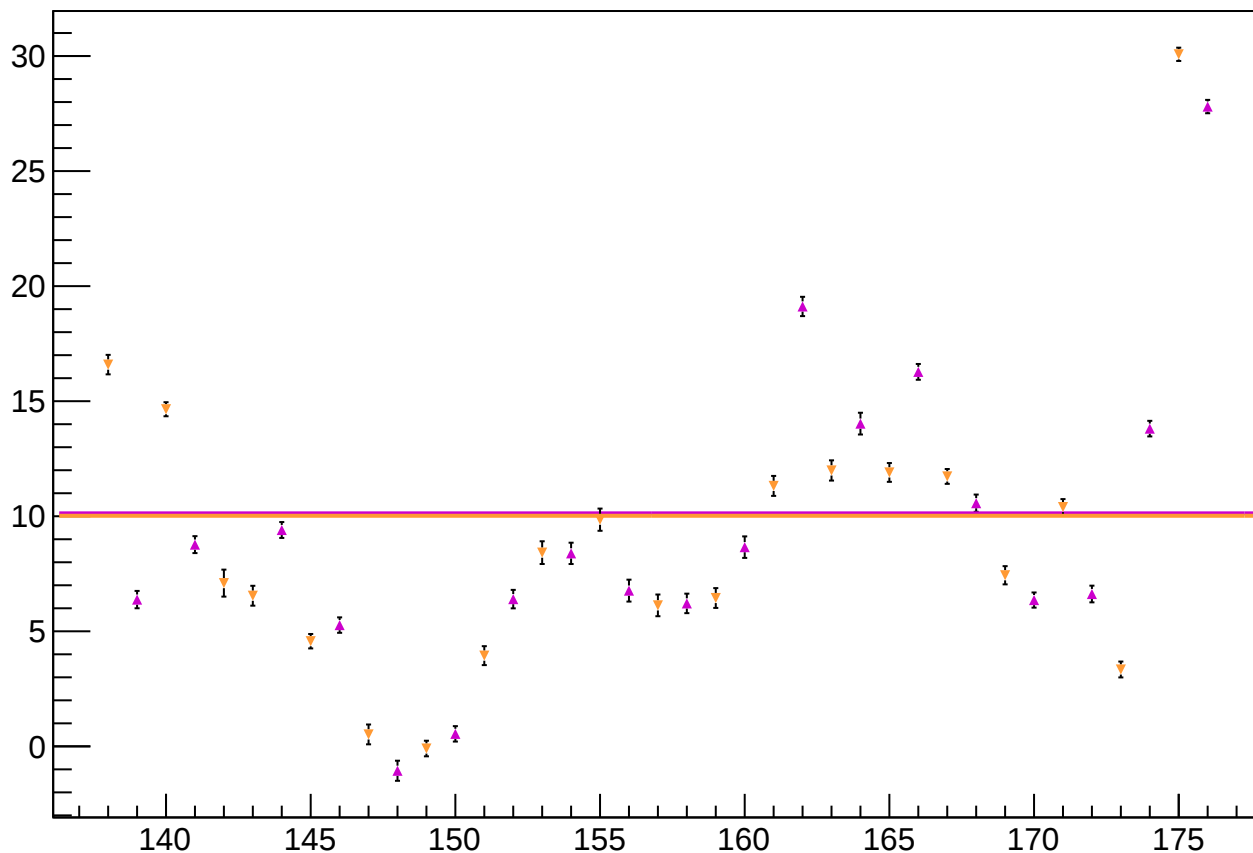
Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:929.0/18

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

All: 0.158 $\pm$ 0.003 χ^2 /NDF: 1404.9/38

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

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 10.021+/-0.086 χ^2/NDF : 7915.5/19

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

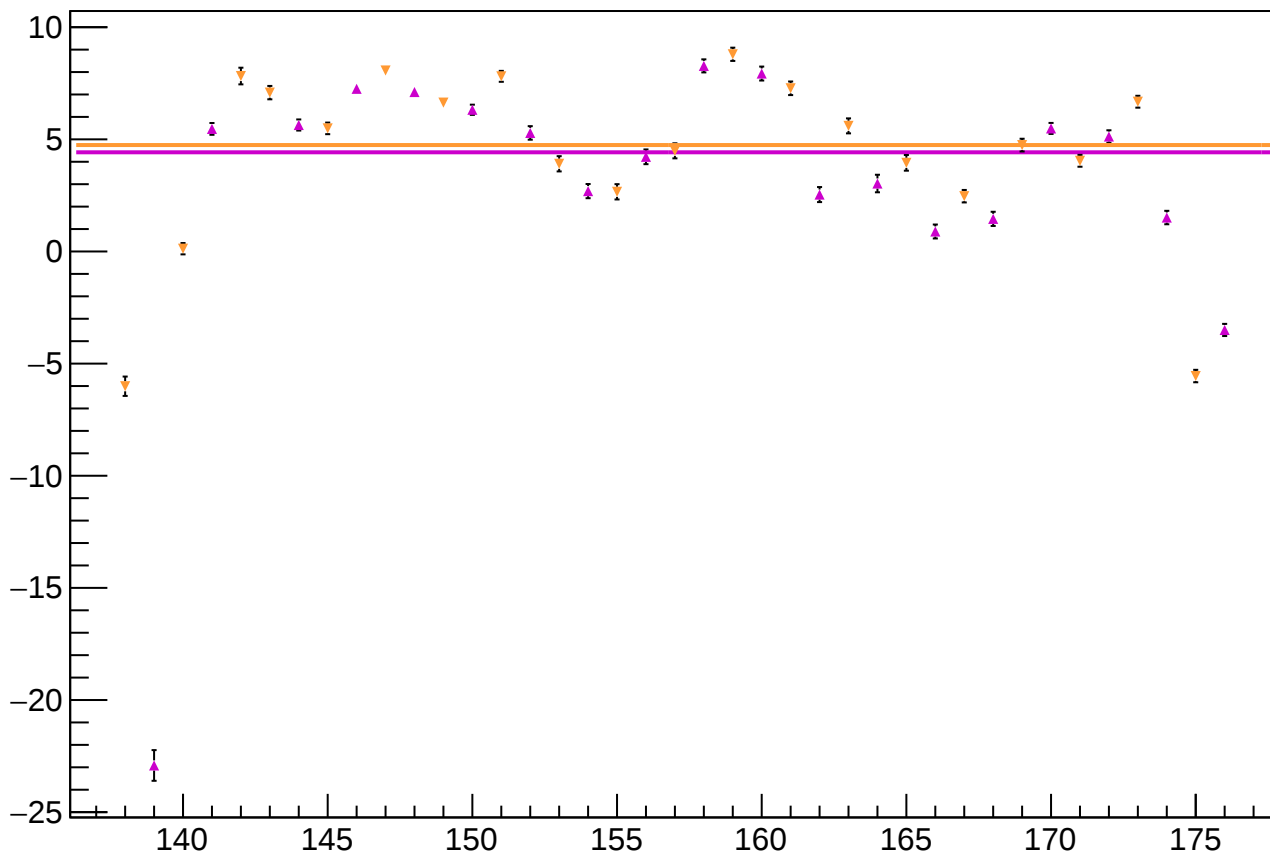
Left In: 10.125+/-0.086 χ^2/NDF : 6943.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.073+/-0.061 χ^2/NDF : 14859.5/38

- 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: 4.746 $\pm$ 0.064 χ^2 /NDF:3398.1/19

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

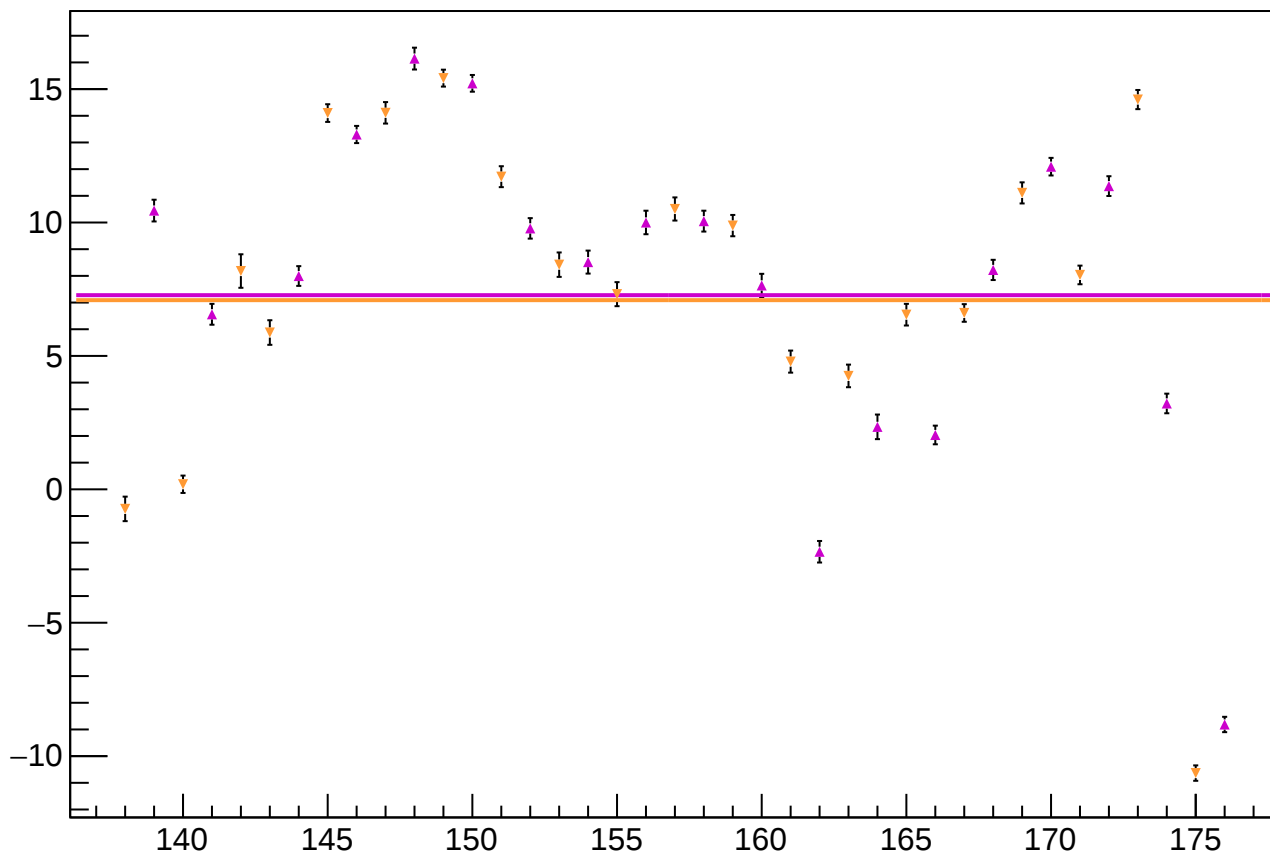
Left In: 4.422 $\pm$ 0.065 χ^2 /NDF:3610.4/18

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

All: 4.587 $\pm$ 0.045 χ^2 /NDF: 7021.2/38

- 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: 7.090 $\pm$ 0.086 χ^2 /NDF:6843.5/19

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

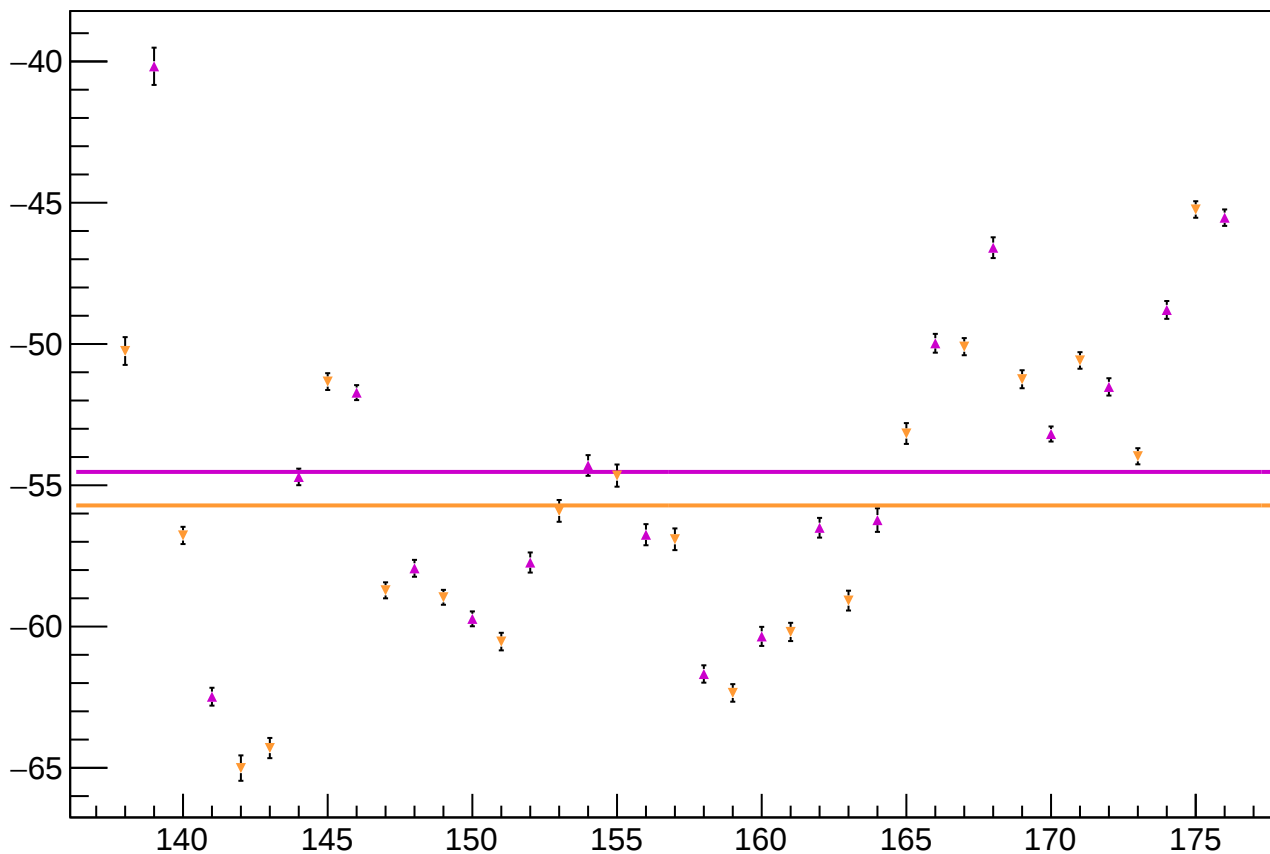
Left In: 7.277 $\pm$ 0.086 χ^2 /NDF:6171.5/18

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

All: 7.184 $\pm$ 0.061 χ^2 /NDF: 13017.3/38

- 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: -55.713+/-0.073 χ^2/NDF : 4831.9/19

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

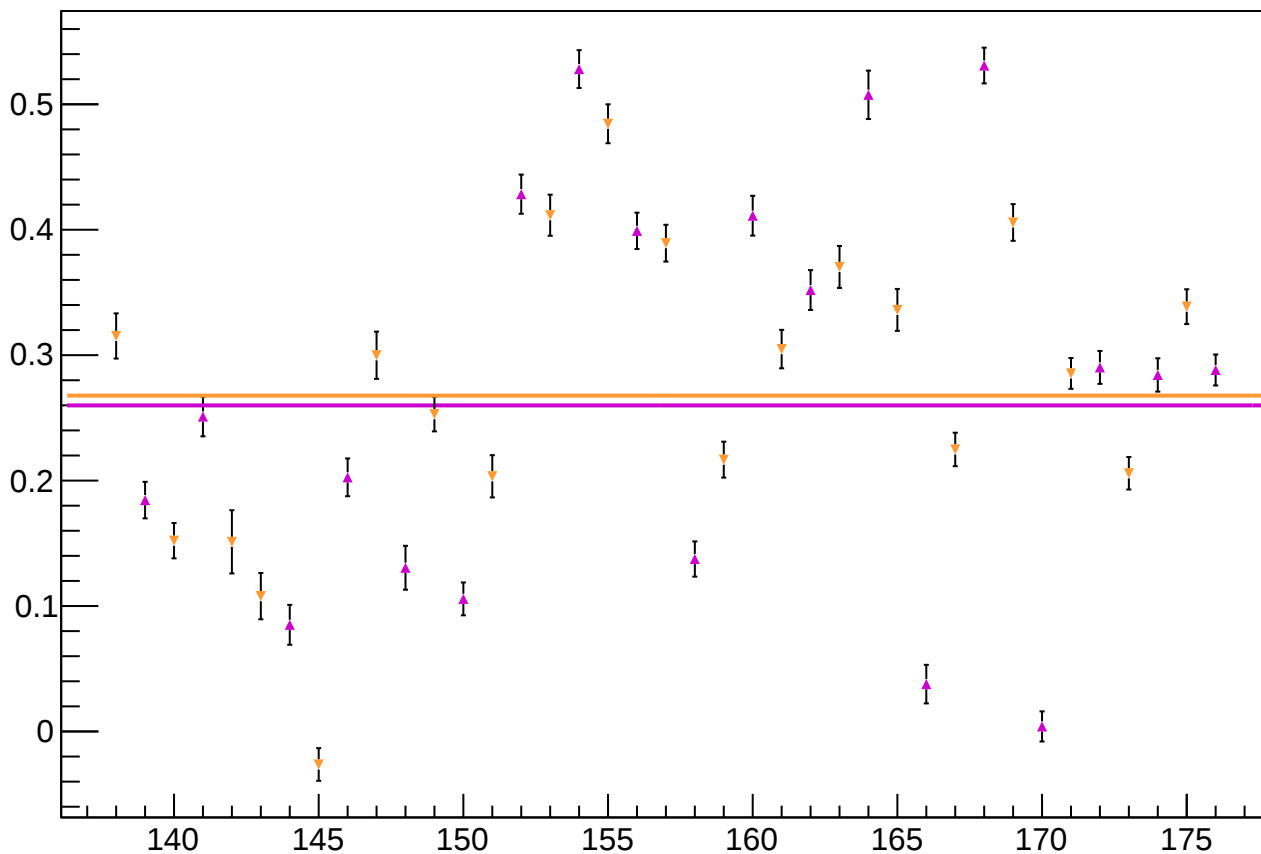
Left In: -54.527+/-0.074 χ^2/NDF : 4805.1/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.128+/-0.052 χ^2/NDF : 9767.3/38

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.268+/-0.003 χ^2/NDF :1264.4/19

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

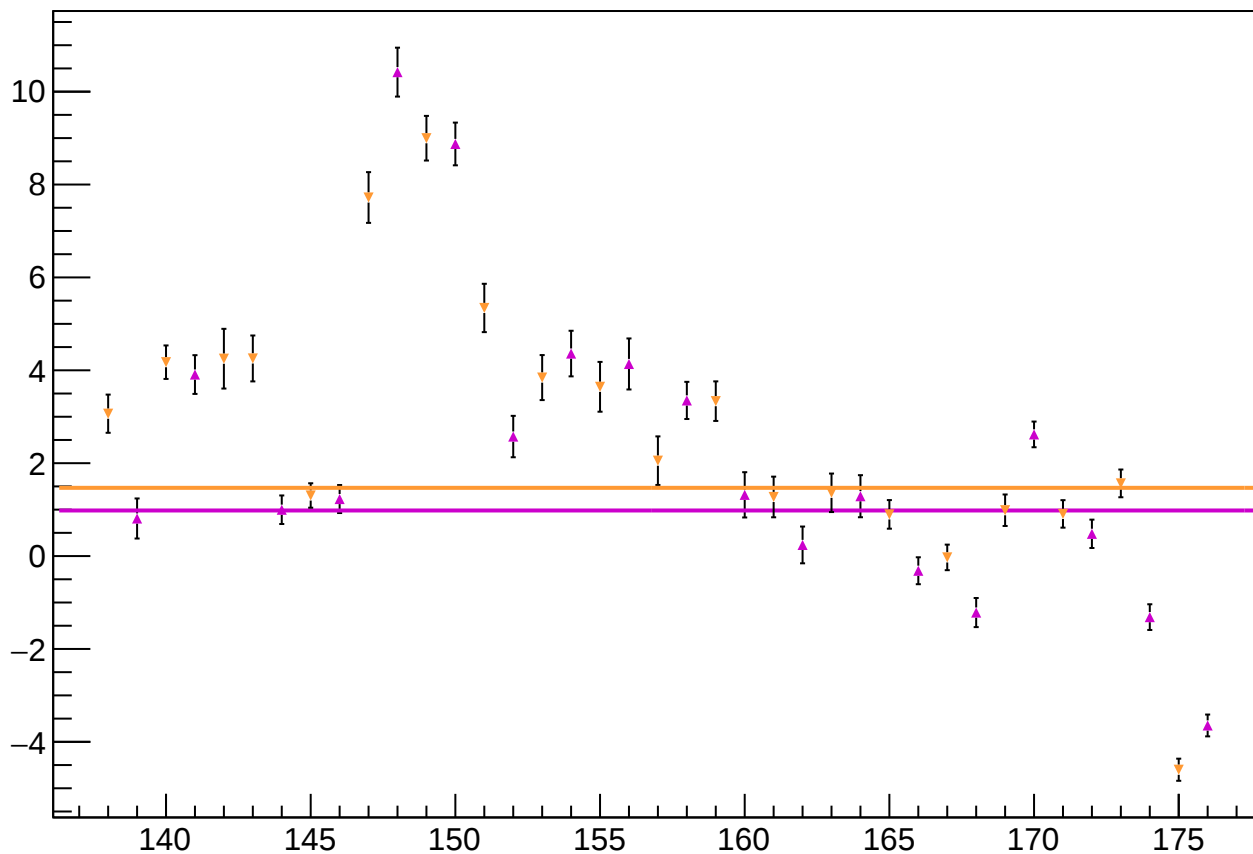
Left In: 0.260+/-0.003 χ^2/NDF :2284.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.264+/-0.002 χ^2/NDF : 3551.1/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 1.469+/-0.083 χ^2/NDF :1303.0/19

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

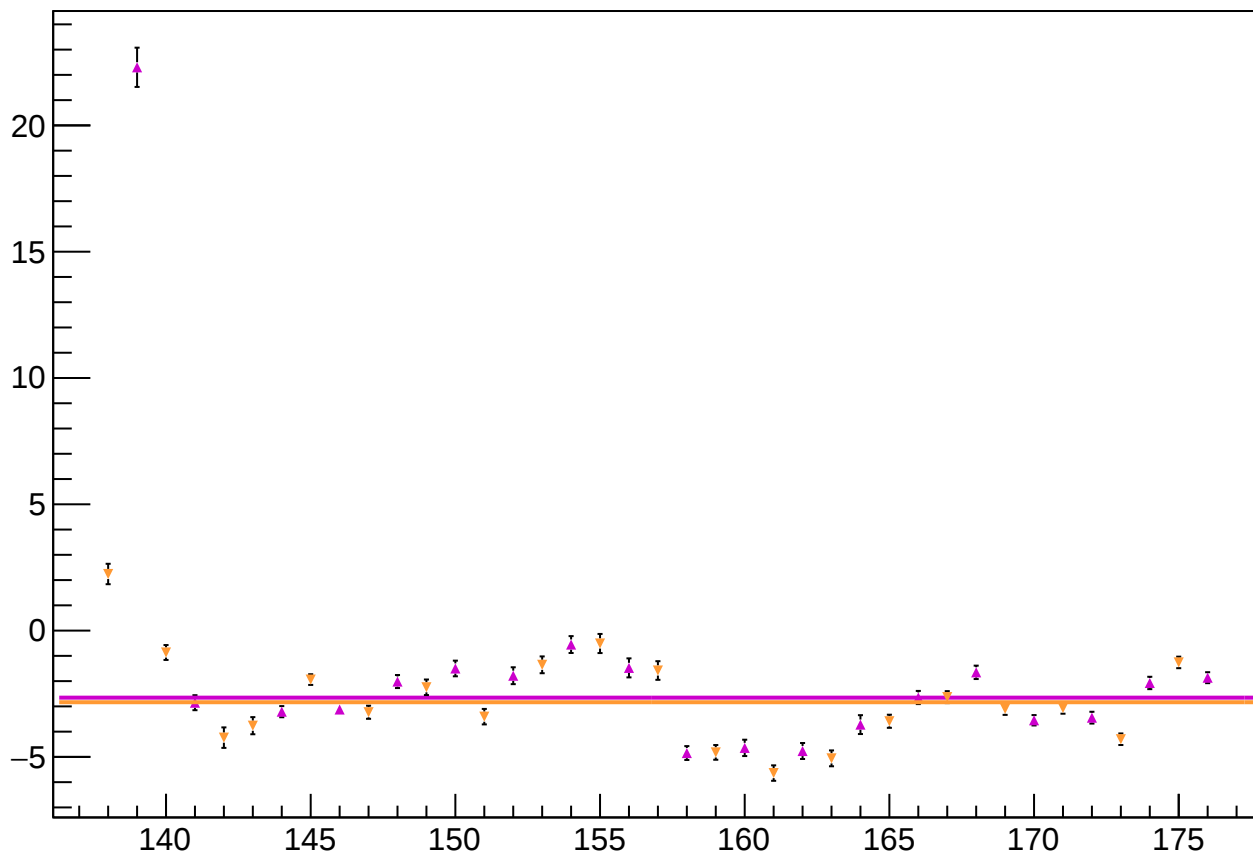
Left In: 0.982+/-0.081 χ^2/NDF :1362.2/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.221+/-0.058 χ^2/NDF : 2682.9/38

- sign 0.000+/-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: -2.835 $\pm$ 0.063 χ^2 /NDF:598.8/19

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

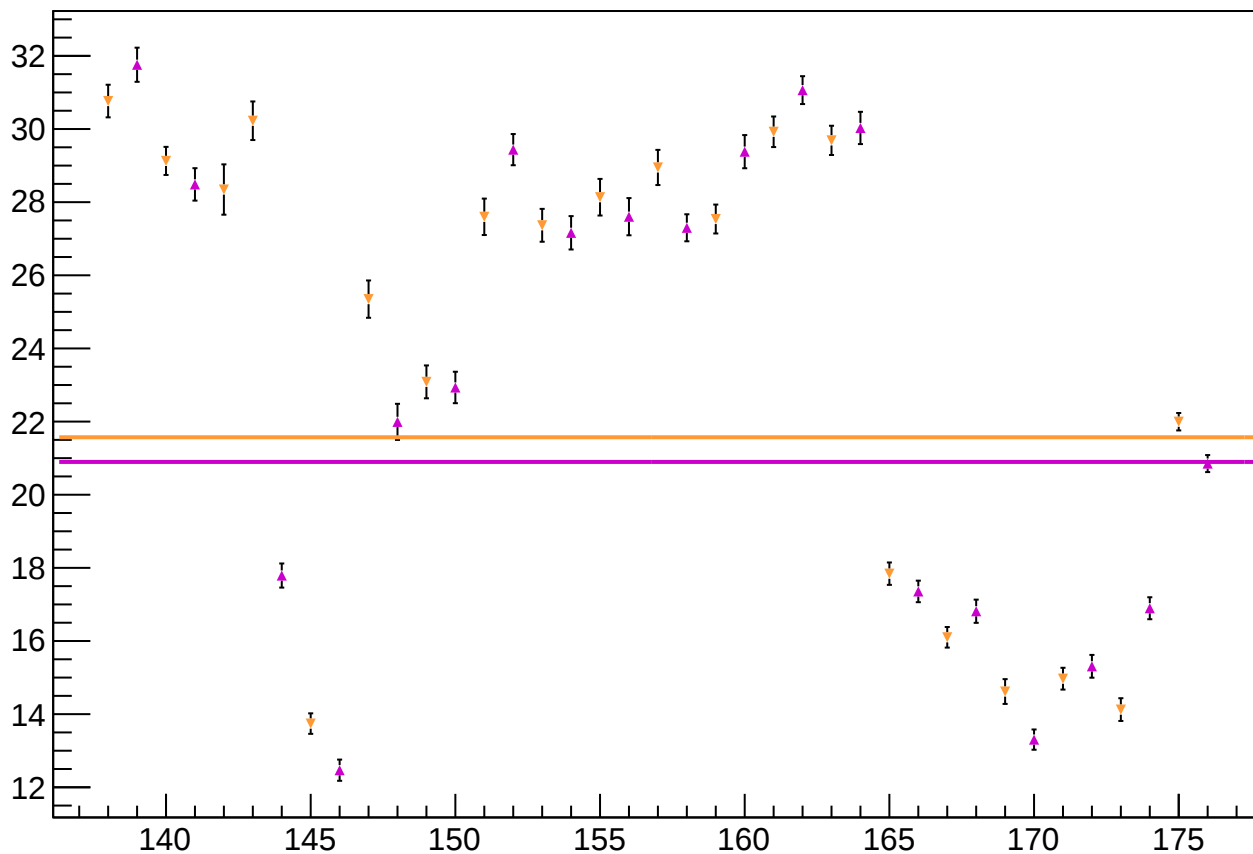
Left In: -2.654 $\pm$ 0.062 χ^2 /NDF:1337.9/18

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

All: -2.744 $\pm$ 0.044 χ^2 /NDF: 1940.9/38

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 21.571 $\pm$ 0.083 χ^2 /NDF:5798.6/19

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

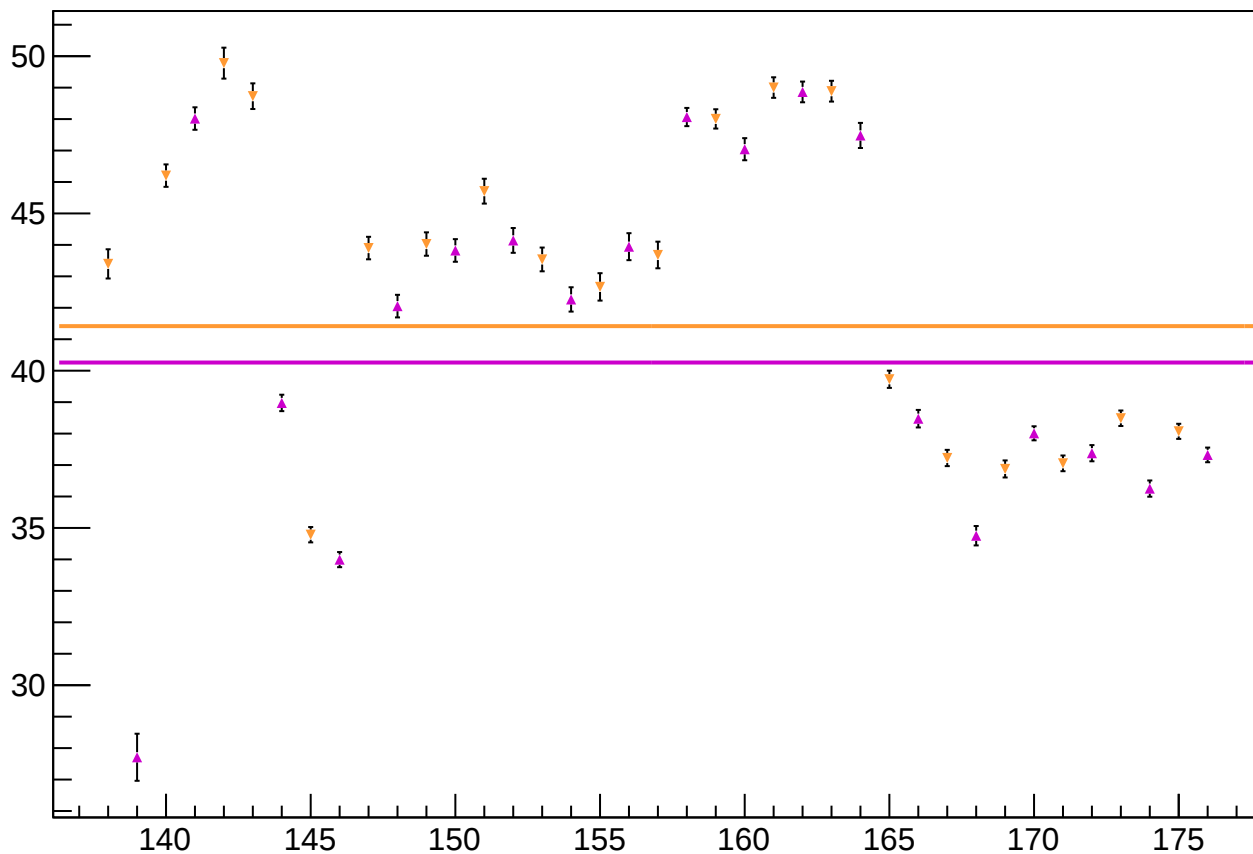
Left In: 20.897 $\pm$ 0.081 χ^2 /NDF:5908.9/18

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

All: 21.226 $\pm$ 0.058 χ^2 /NDF: 11741.4/38

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

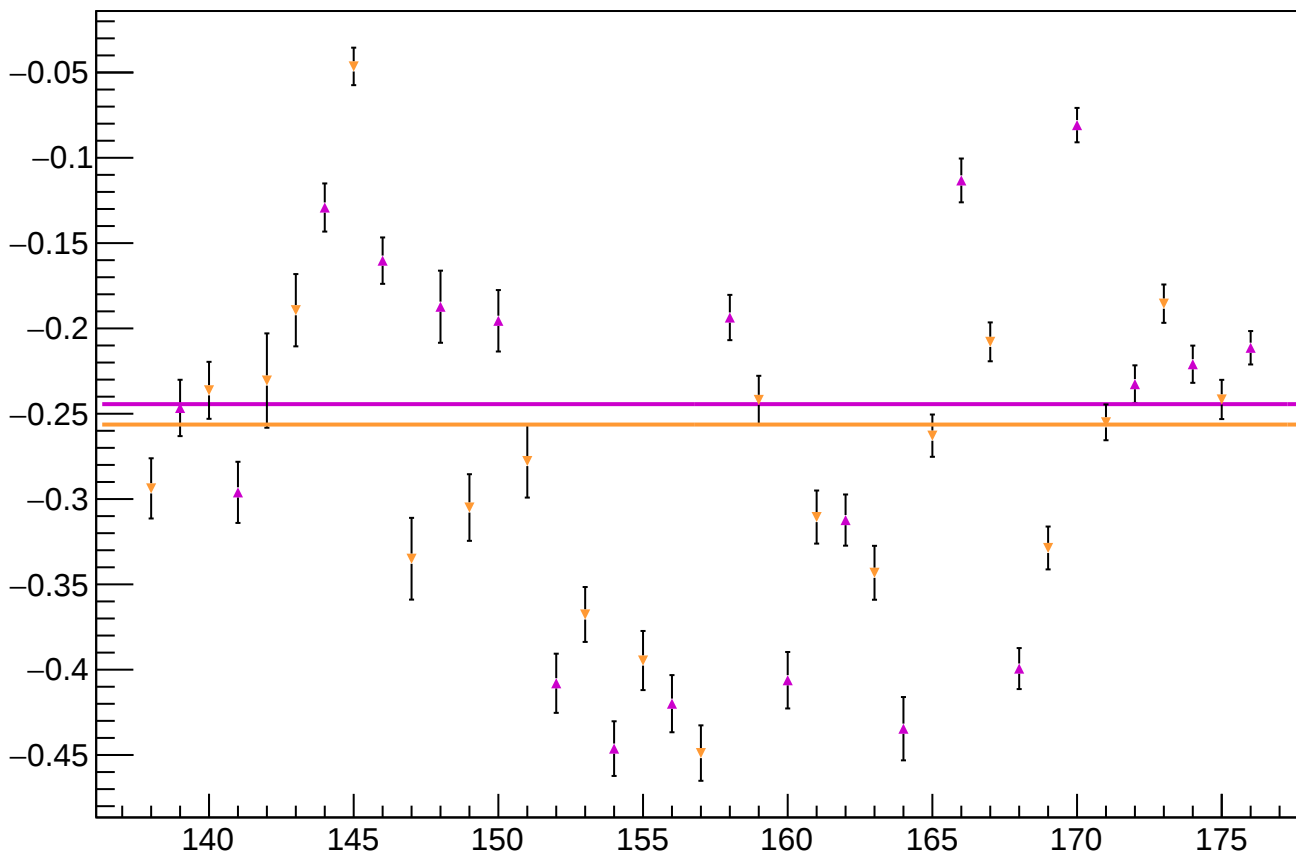
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.417+/-0.071 χ^2/NDF : 4562.7/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.260+/-0.070 χ^2/NDF : 4871.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 40.833+/-0.050 χ^2/NDF : 9569.0/38
 - 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.256+/-0.003 χ^2/NDF : 788.3/19

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

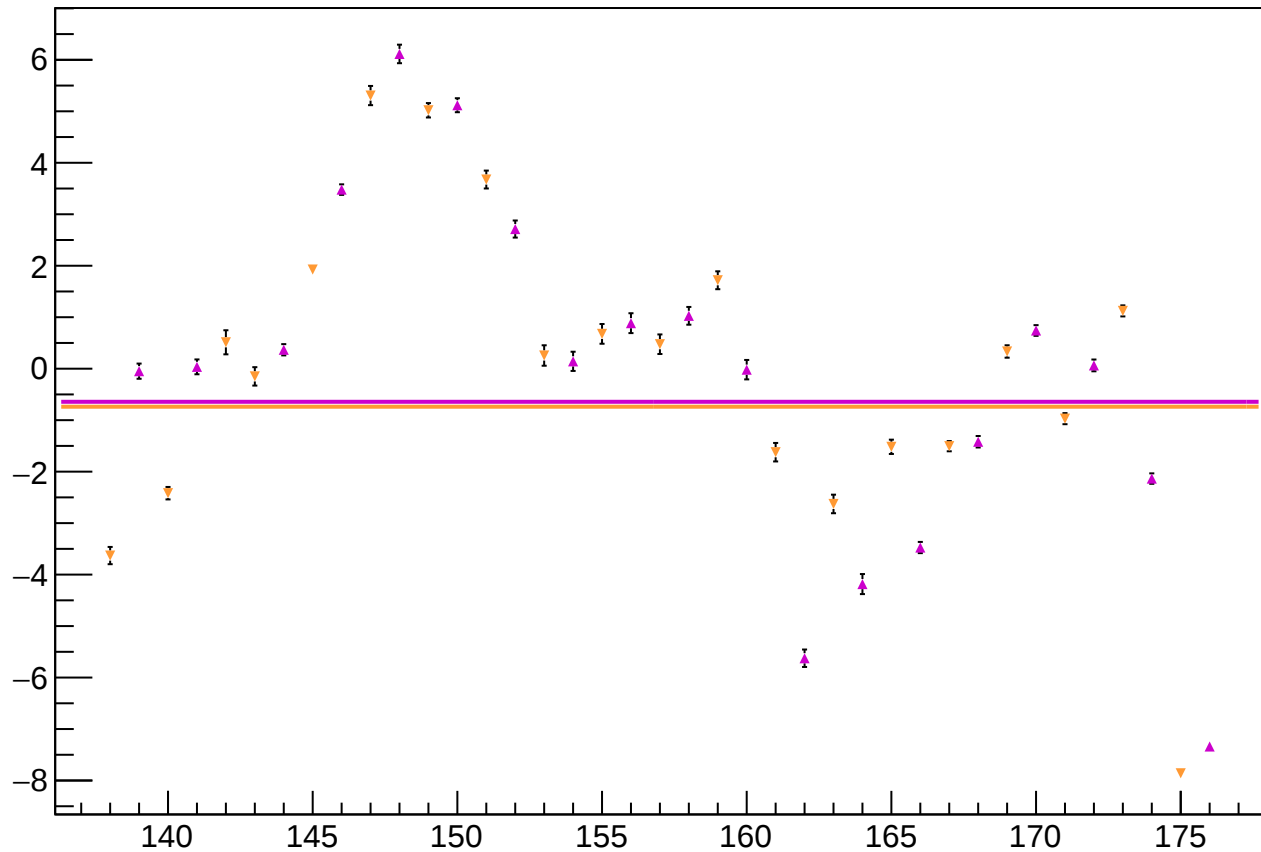
Left In: -0.244+/-0.003 χ^2/NDF : 1272.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.250+/-0.002 χ^2/NDF : 2067.9/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.739+/-0.030 χ^2/NDF :12267.4/19

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

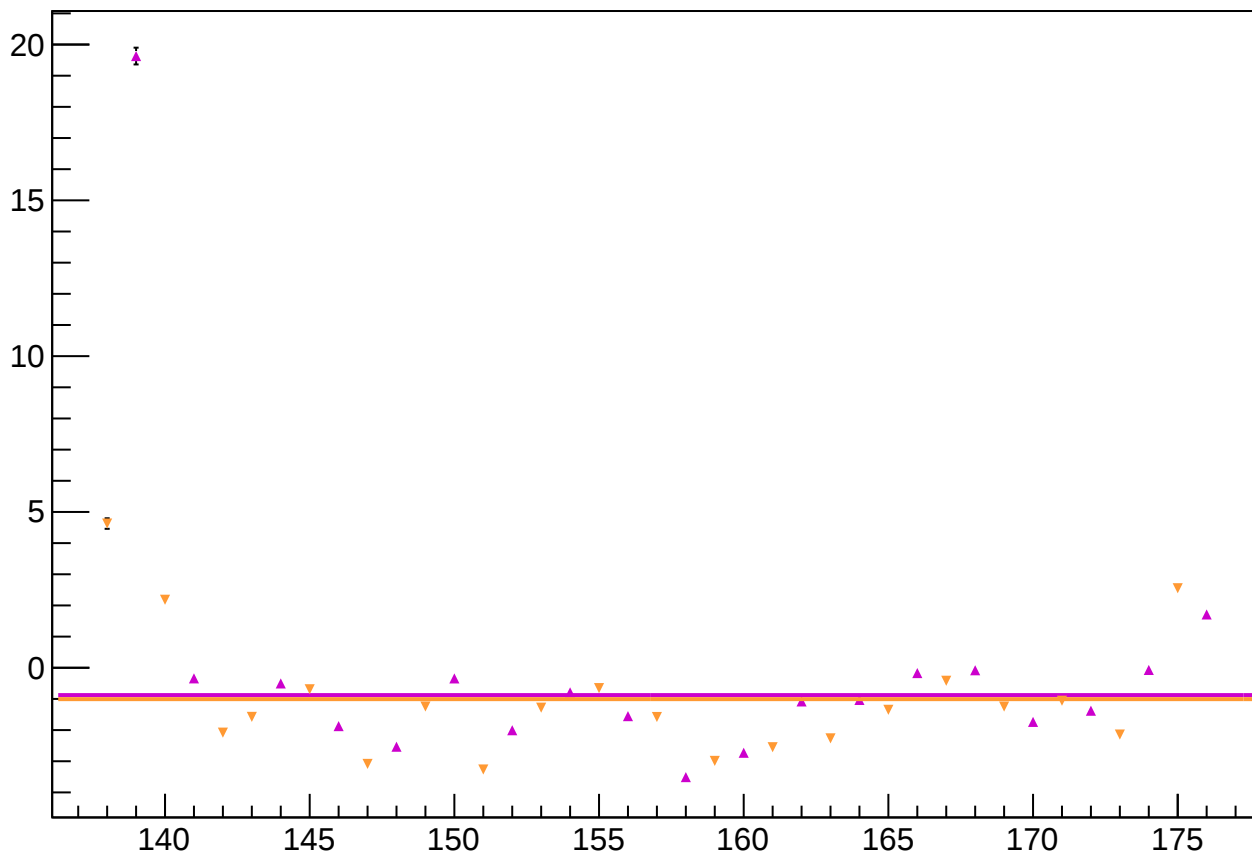
Left In: -0.643+/-0.030 χ^2/NDF :13167.2/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.690+/-0.021 χ^2/NDF : 25439.7/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

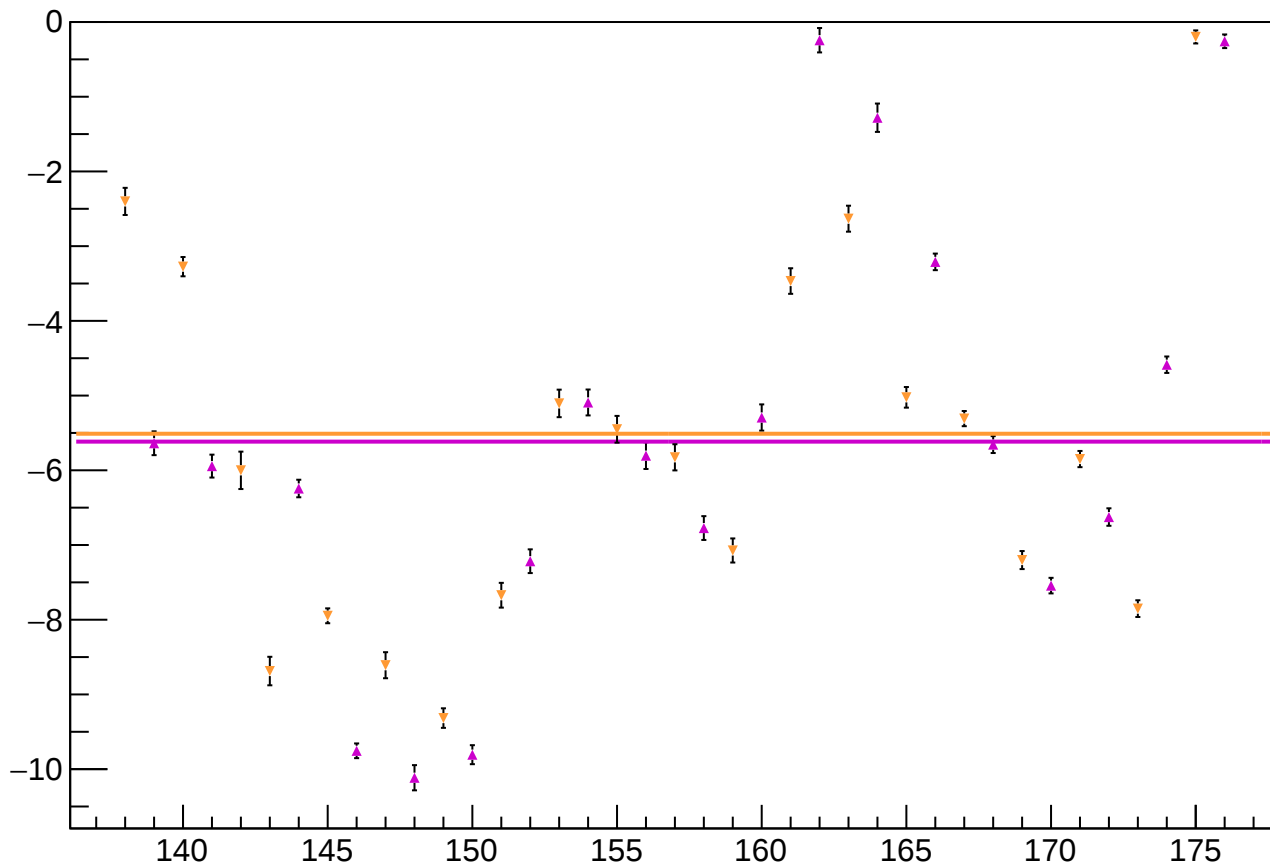
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.007 $\pm$ 0.023 χ^2 /NDF: 5830.7/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.877 $\pm$ 0.023 χ^2 /NDF: 8549.4/18

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.942 $\pm$ 0.016 χ^2 /NDF: 14396.1/38
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -5.511 $\pm$ 0.031 χ^2 /NDF: 7664.7/19

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

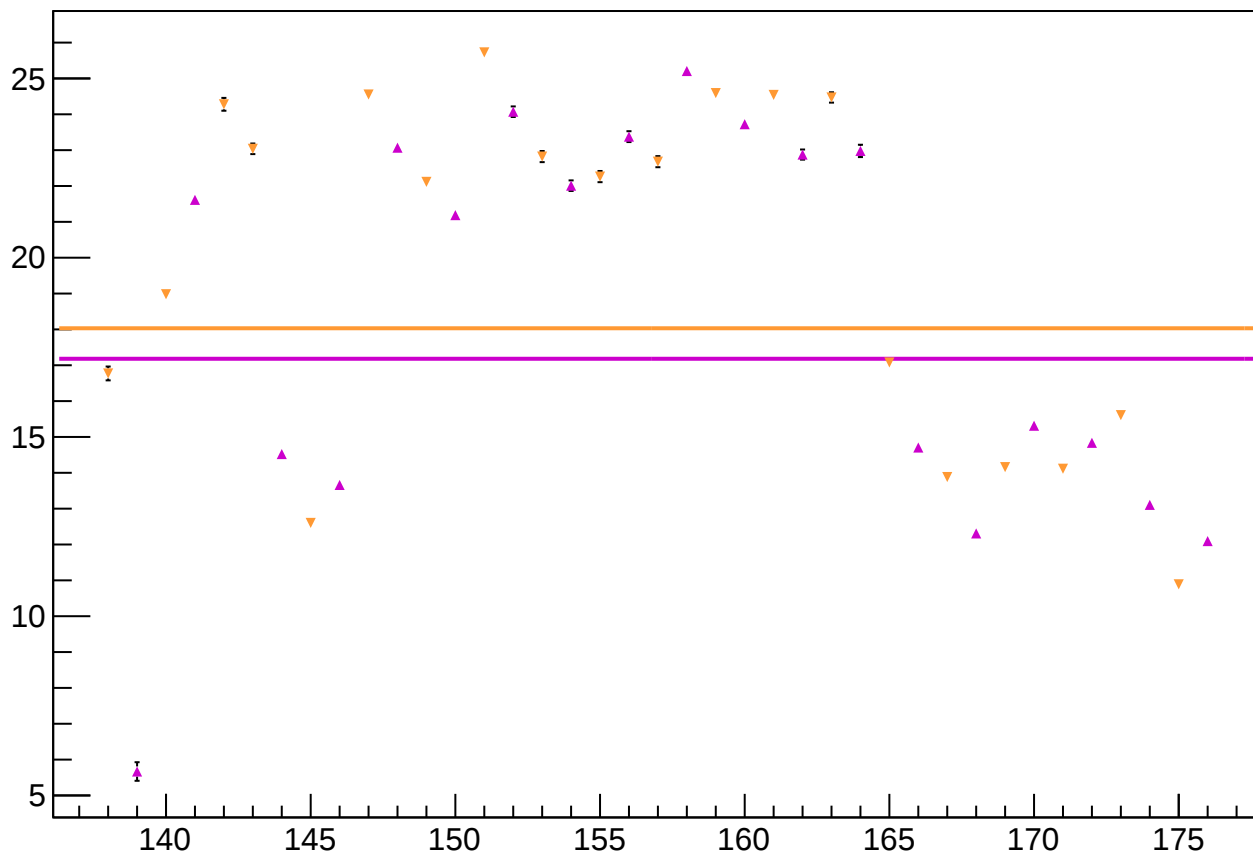
Left In: -5.616 $\pm$ 0.030 χ^2 /NDF: 9789.8/18

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

All: -5.565 $\pm$ 0.021 χ^2 /NDF: 17460.6/38

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

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 18.032+/-0.026 χ^2/NDF : 36363.9/19

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

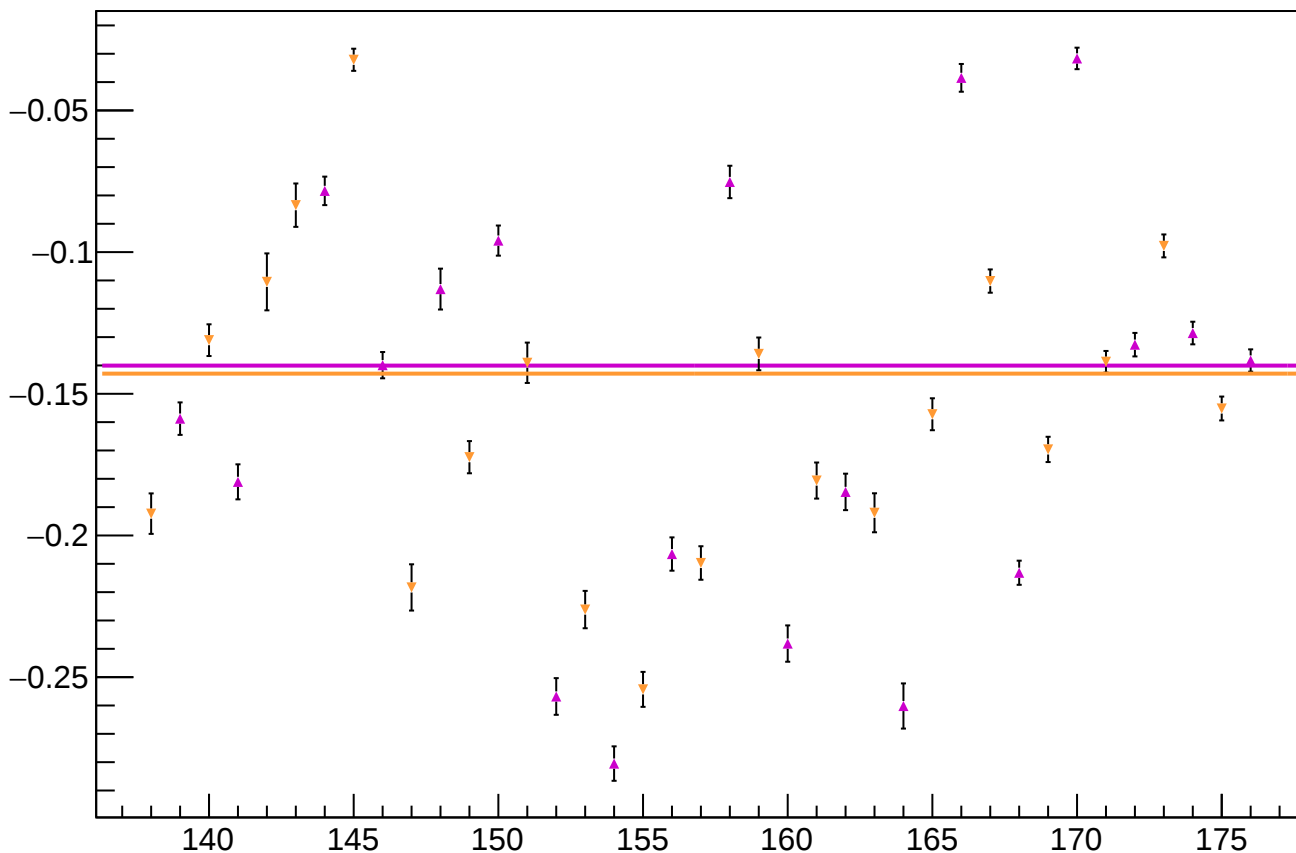
Left In: 17.181+/-0.026 χ^2/NDF : 32196.8/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.603+/-0.018 χ^2/NDF : 69093.8/38

- 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: -0.143+/-0.001 χ^2/NDF : 1979.5/19

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

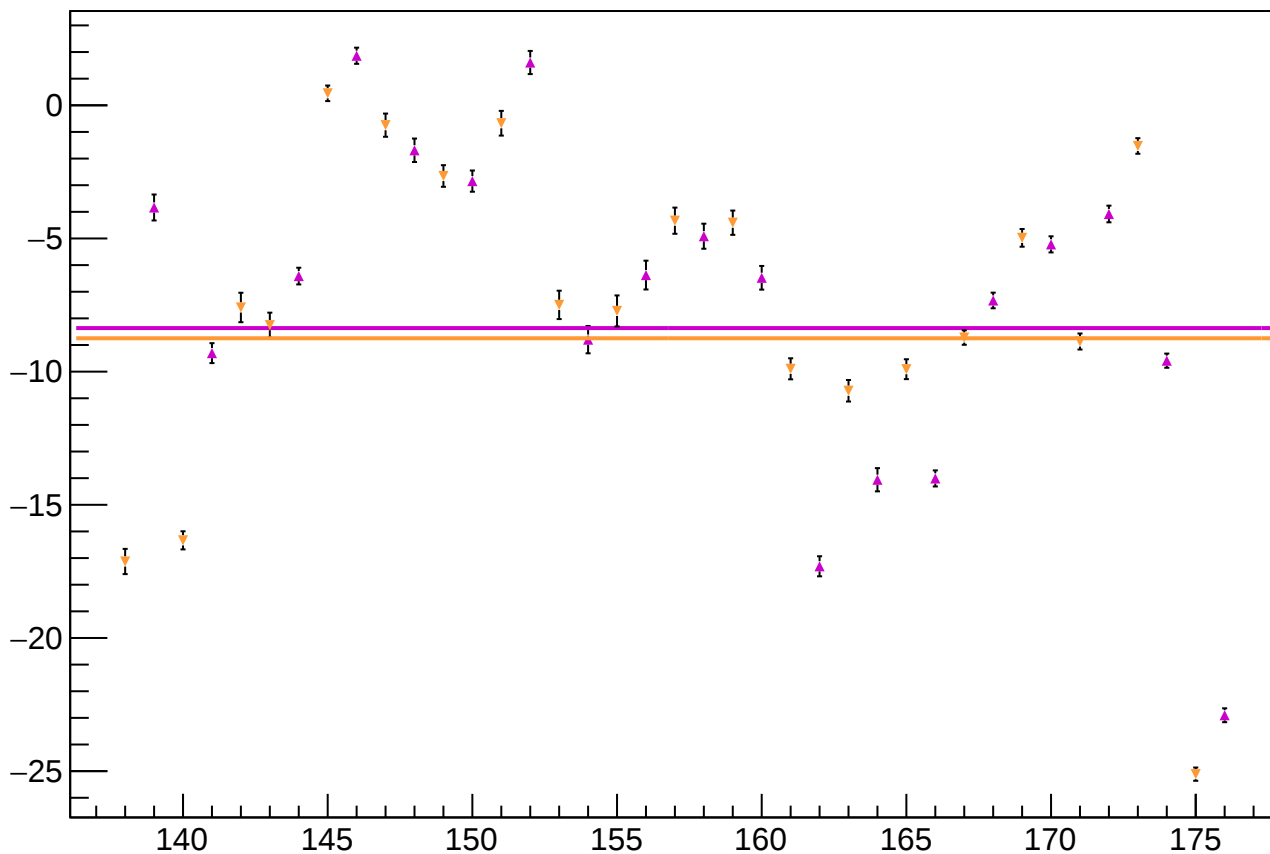
Left In: -0.140+/-0.001 χ^2/NDF : 3465.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.141+/-0.001 χ^2/NDF : 5447.6/38

- 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 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -8.747 ± 0.083 χ^2/NDF : 7942.6/19

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

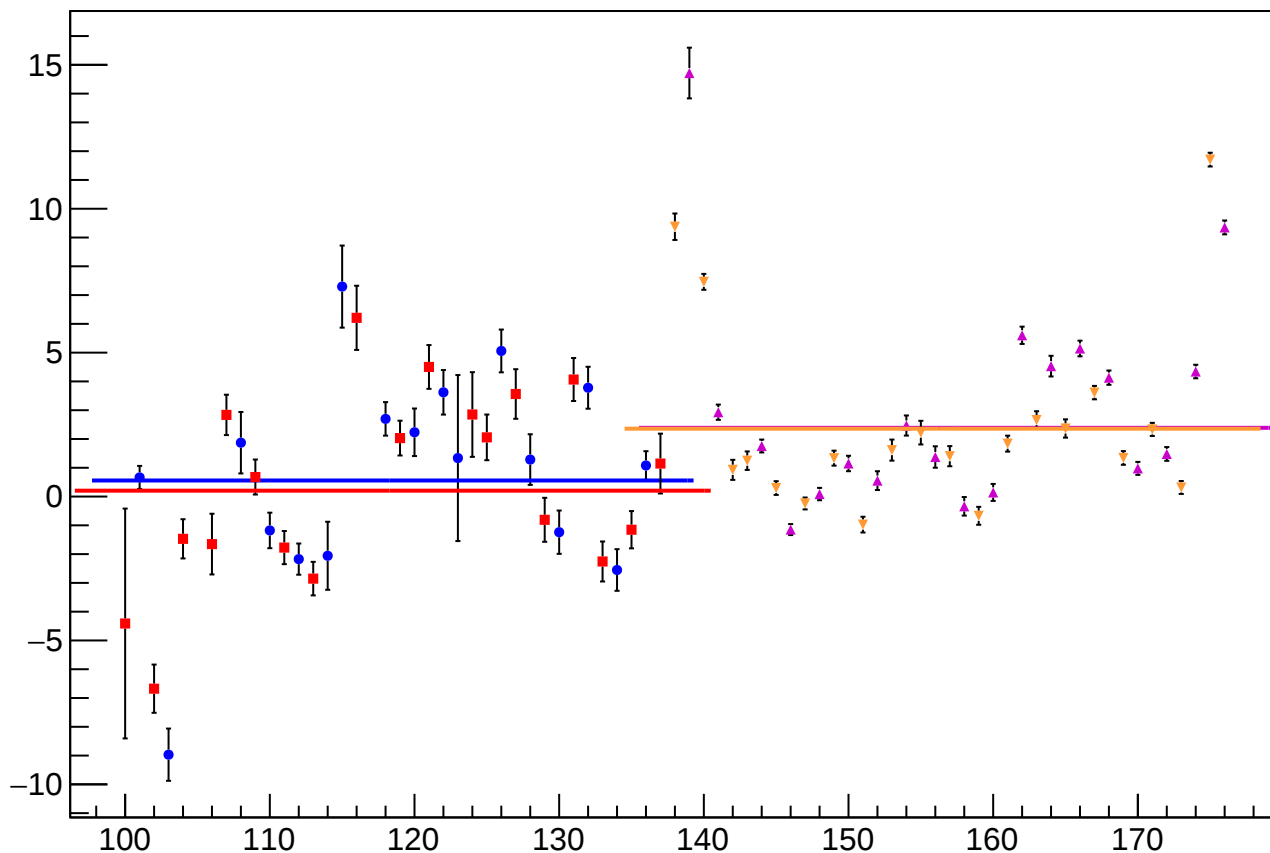
Left In: -8.365 ± 0.081 χ^2/NDF : 6814.2/18

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.552 ± 0.058 χ^2/NDF : 14767.6/38

- sign 0.000 ± 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: 2.358 $\pm$ 0.062 χ^2/NDF :2767.3/19

Right Out: 0.204 $\pm$ 0.175 χ^2/NDF : 272.1/18

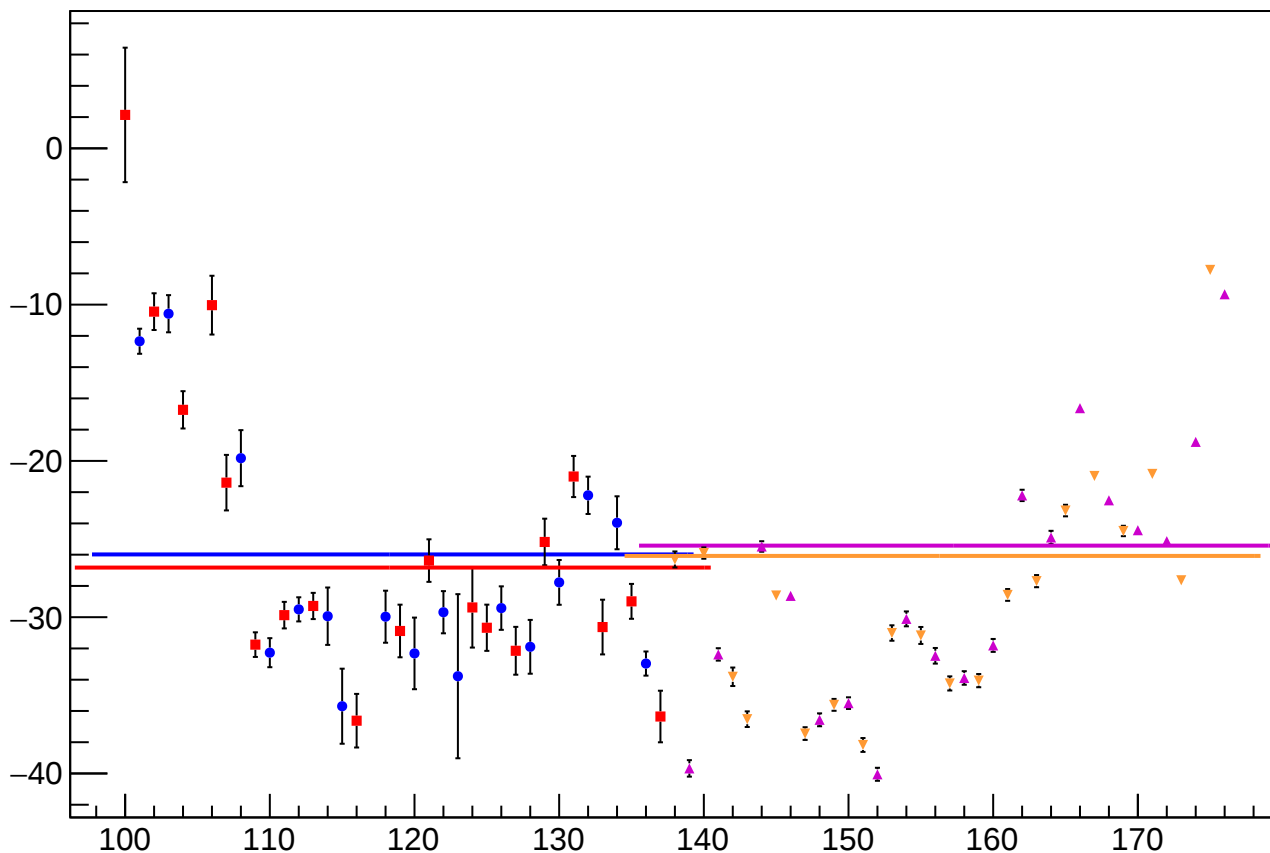
Left In: 2.388 $\pm$ 0.061 χ^2/NDF :2111.8/18

+ sign 2.149 $\pm$ 0.058 χ^2/NDF : 3154.1/36

All: 2.148 $\pm$ 0.041 χ^2/NDF : 5677.3/74

- sign 2.148 $\pm$ 0.058 χ^2/NDF : 2523.1/37

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -25.984 ± 0.300 χ^2/NDF : 691.5/16

Left Out: -26.079 ± 0.083 χ^2/NDF : 9879.5/19

Right Out: -26.825 ± 0.298 χ^2/NDF : 581.6/18

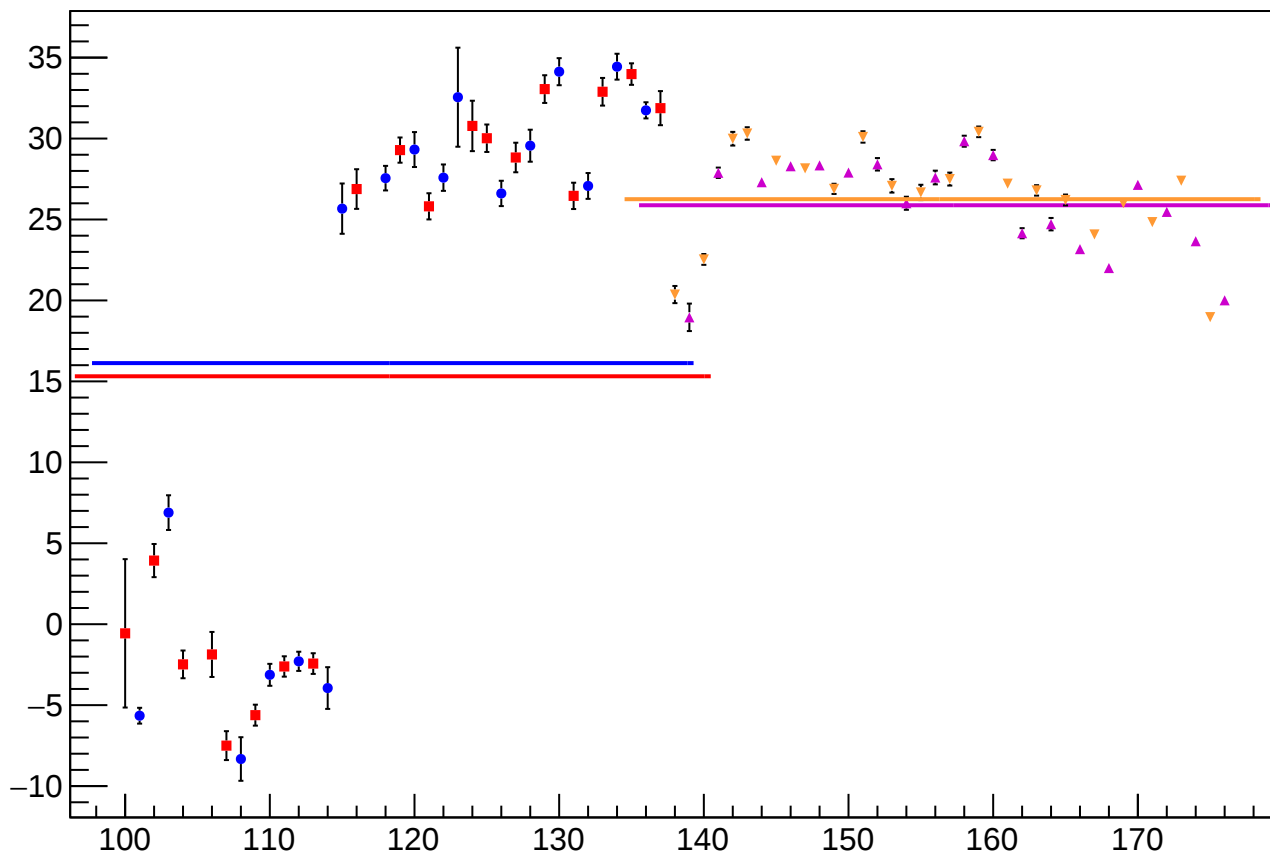
Left In: -25.421 ± 0.081 χ^2/NDF : 10174.2/18

+ sign -26.072 ± 0.080 χ^2/NDF : 10571.1/36

All: -25.790 ± 0.056 χ^2/NDF : 21372.1/74

- sign -25.518 ± 0.078 χ^2/NDF : 10776.5/37

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: 26.254 $\pm$ 0.070 χ^2 /NDF:1834.0/19

Right Out: 15.315 $\pm$ 0.197 χ^2 /NDF: 7278.1/18

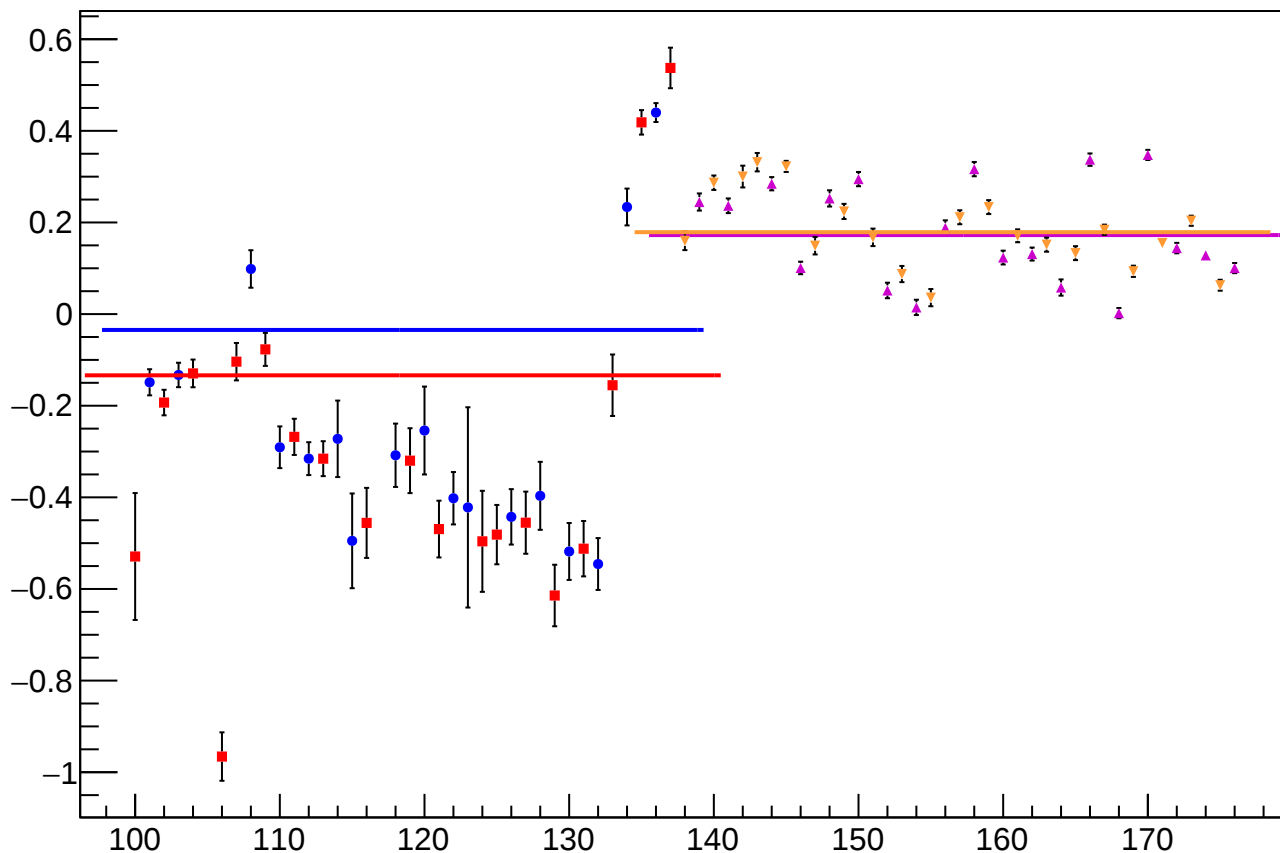
Left In: 25.880 $\pm$ 0.070 χ^2 /NDF:1563.0/18

+ sign 25.056 $\pm$ 0.066 χ^2 /NDF: 11857.1/36

All: 24.876 $\pm$ 0.047 χ^2 /NDF: 23266.3/74

- sign 24.696 $\pm$ 0.066 χ^2 /NDF: 11394.3/37

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.035 $\pm$ 0.010 χ^2 /NDF: 1011.6/16

Left Out: 0.179 $\pm$ 0.003 χ^2 /NDF:549.1/19

Right Out: -0.134 $\pm$ 0.010 χ^2 /NDF: 1161.9/18

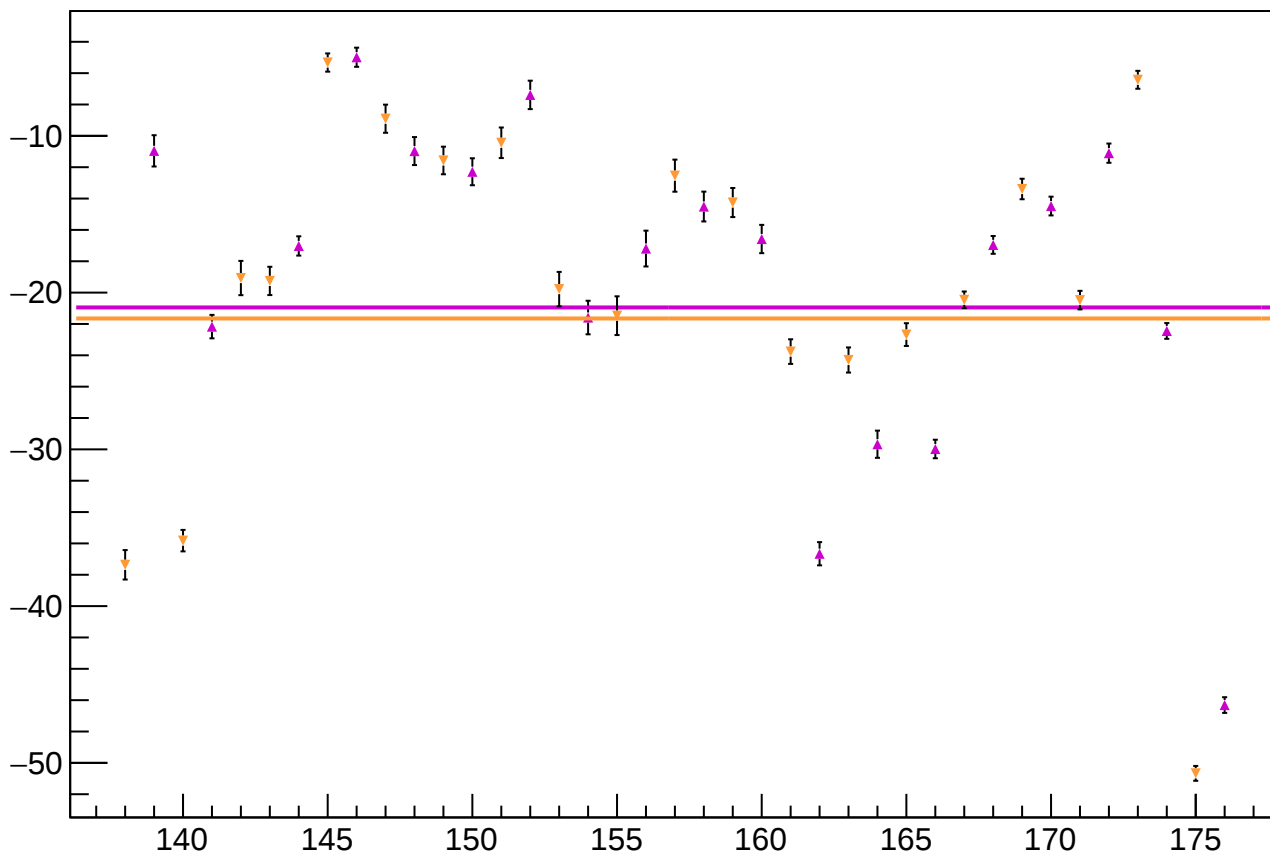
Left In: 0.172 $\pm$ 0.003 χ^2 /NDF:1182.8/18

+ sign 0.159 $\pm$ 0.003 χ^2 /NDF: 1948.3/36

All: 0.153 $\pm$ 0.002 χ^2 /NDF: 5097.6/74

- sign 0.146 $\pm$ 0.003 χ^2 /NDF: 3139.9/37

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -21.650+/-0.165 χ^2/NDF : 6757.7/19

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

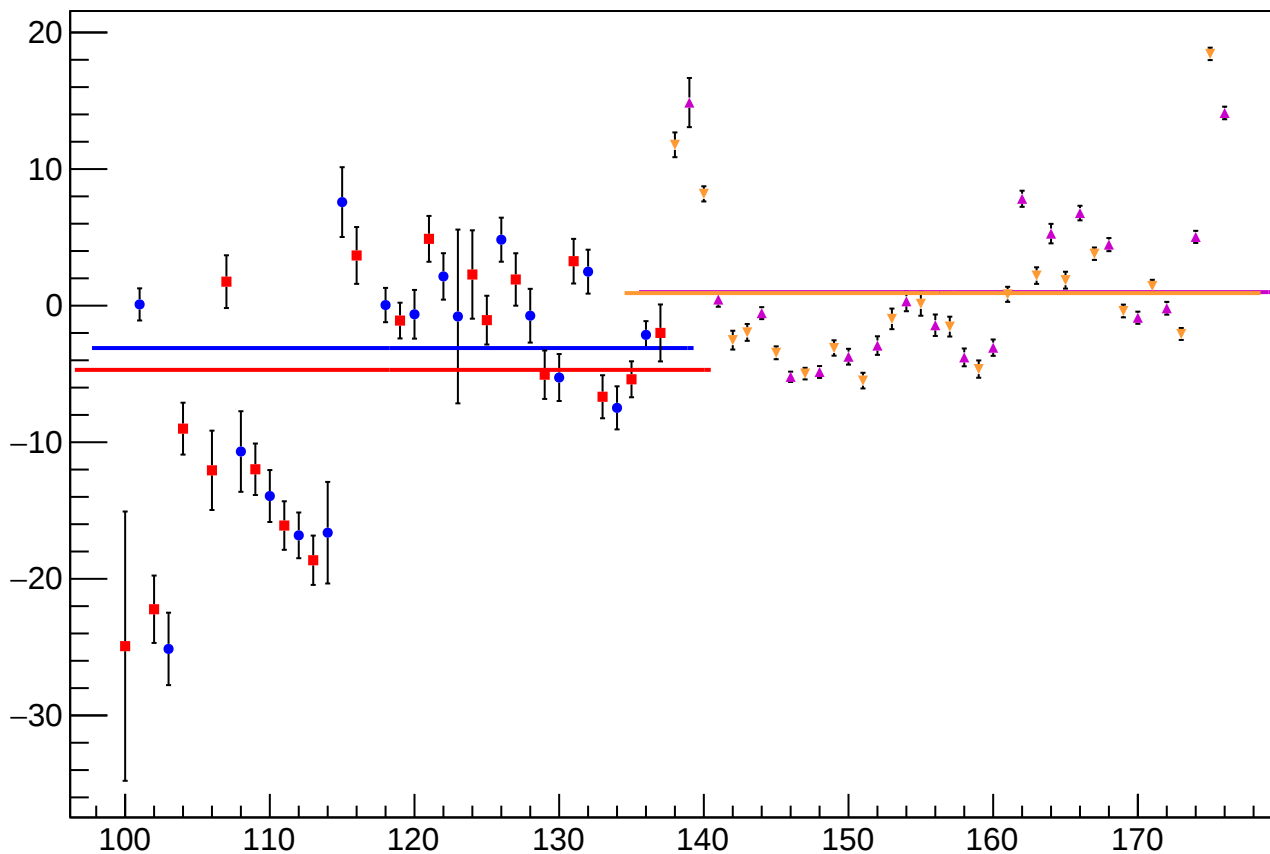
Left In: -20.947+/-0.161 χ^2/NDF : 5138.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.291+/-0.115 χ^2/NDF : 11905.6/38

- 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: 0.920 ± 0.123 χ^2/NDF : 2493.9/19

Right Out: -4.701 ± 0.427 χ^2/NDF : 297.6/18

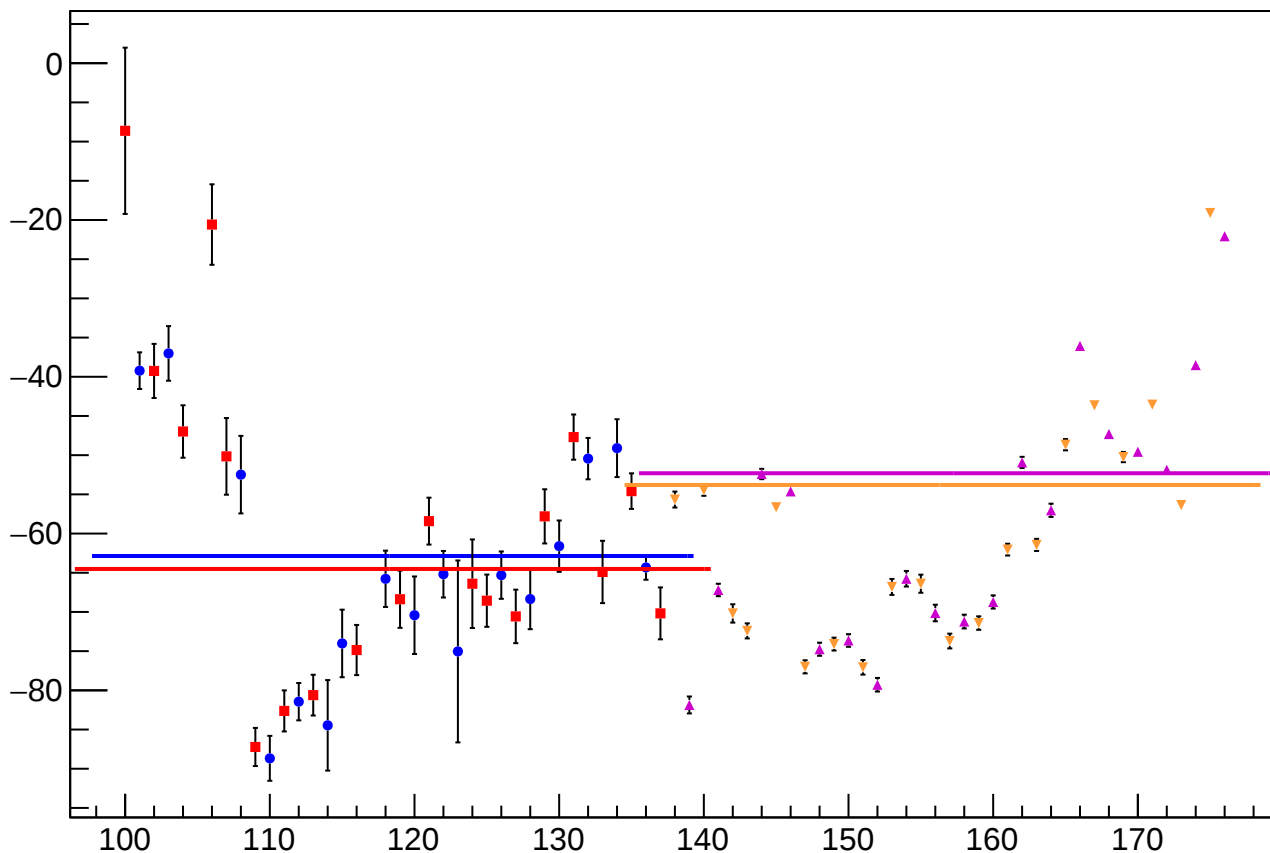
Left In: 0.991 ± 0.122 χ^2/NDF : 1986.2/18

+ sign 0.588 ± 0.118 χ^2/NDF : 2861.0/36

All: 0.574 ± 0.083 χ^2/NDF : 5309.4/74

- sign 0.561 ± 0.117 χ^2/NDF : 2448.5/37

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.863 ± 0.741 χ^2/NDF : 368.7/16

Left Out: -53.801 ± 0.165 χ^2/NDF : 10024.4/19

Right Out: -64.517 ± 0.752 χ^2/NDF : 444.3/18

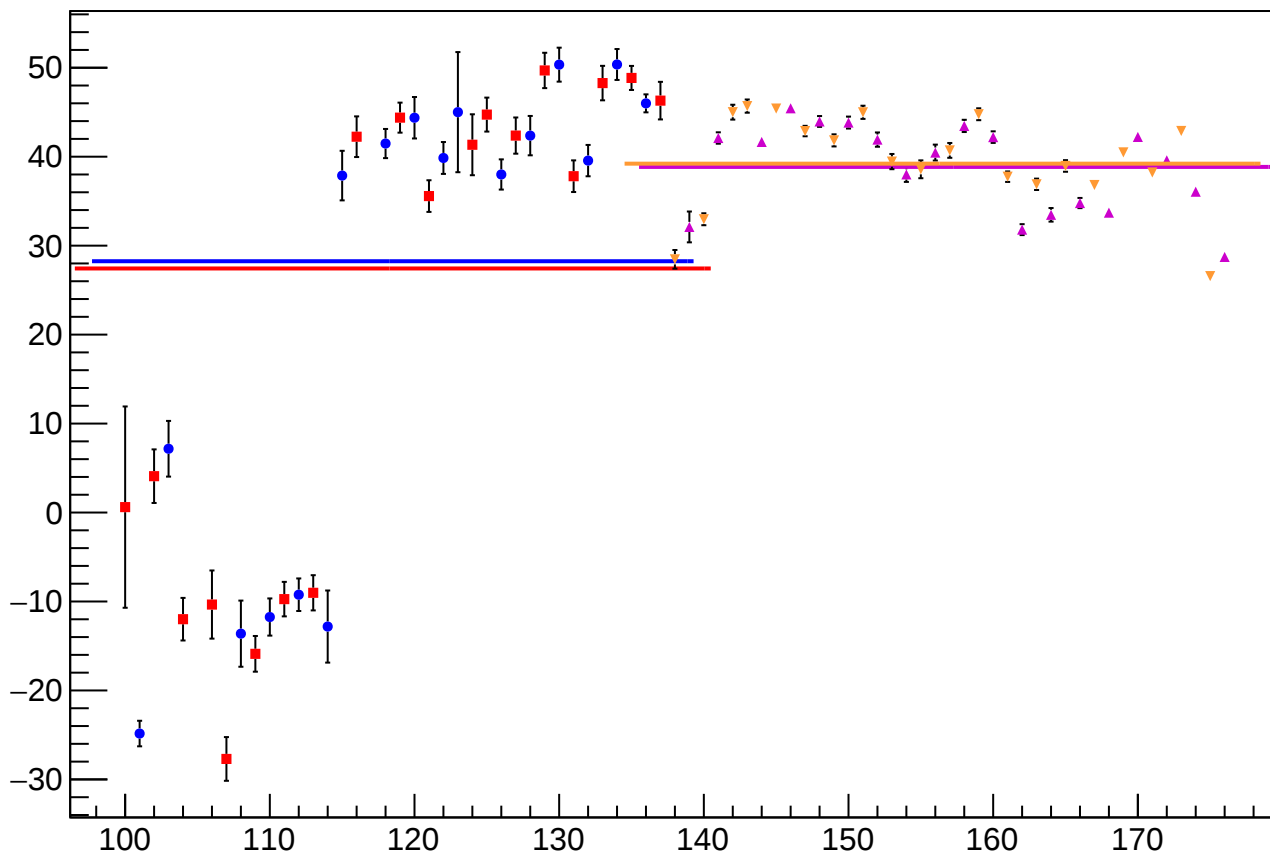
Left In: -52.305 ± 0.161 χ^2/NDF : 10030.7/18

+ sign -54.230 ± 0.161 χ^2/NDF : 10535.7/36

All: -53.521 ± 0.113 χ^2/NDF : 21300.7/74

- sign -52.842 ± 0.158 χ^2/NDF : 10727.1/37

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: 39.216 $\pm$ 0.140 χ^2 /NDF:1444.7/19

Right Out: 27.435 $\pm$ 0.479 χ^2 /NDF: 3032.4/18

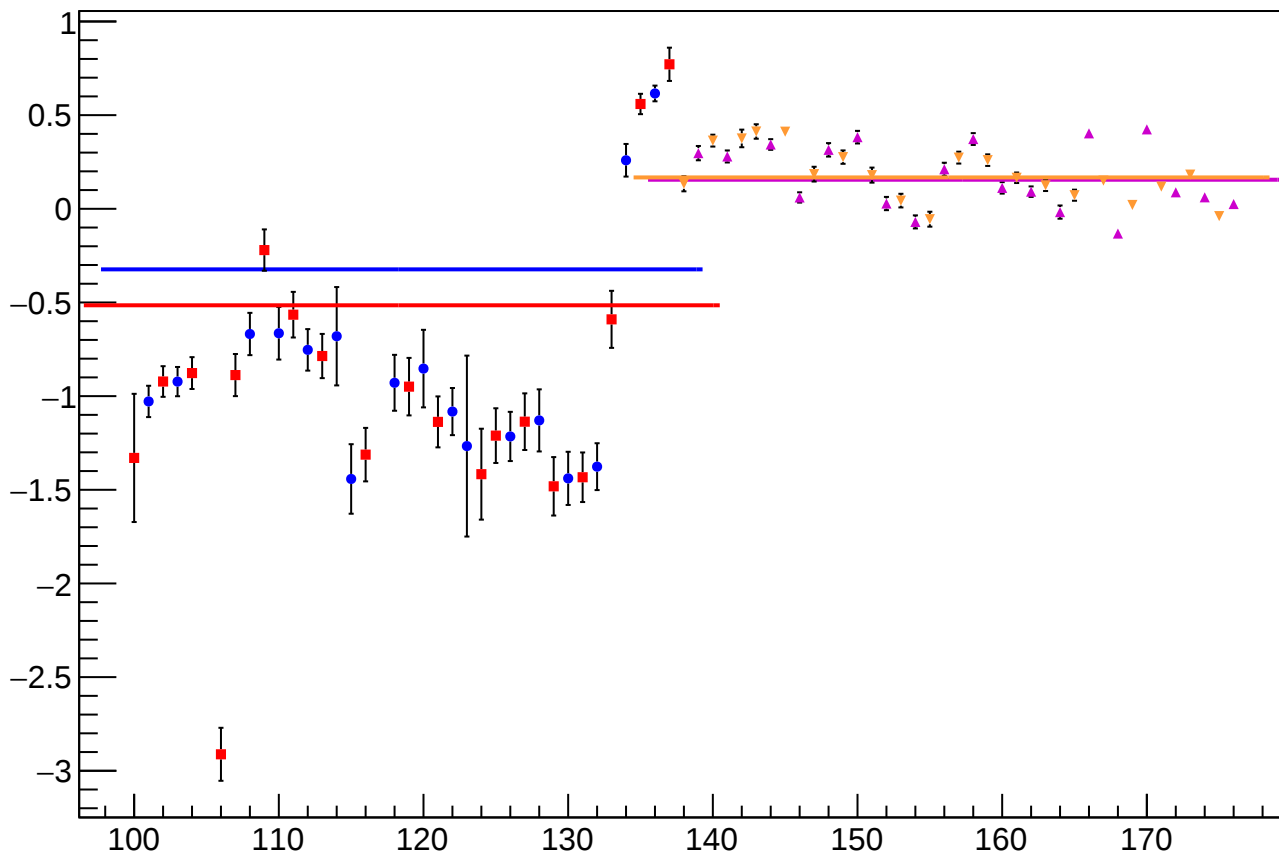
Left In: 38.851 $\pm$ 0.139 χ^2 /NDF:1295.4/18

+ sign 38.285 $\pm$ 0.134 χ^2 /NDF: 5284.0/36

All: 38.124 $\pm$ 0.095 χ^2 /NDF: 10139.0/74

- sign 37.964 $\pm$ 0.133 χ^2 /NDF: 4852.2/37

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.323 ± 0.025 χ^2/NDF : 1010.8/16

Left Out: 0.167 ± 0.007 χ^2/NDF : 410.8/19

Right Out: -0.515 ± 0.026 χ^2/NDF : 1160.9/18

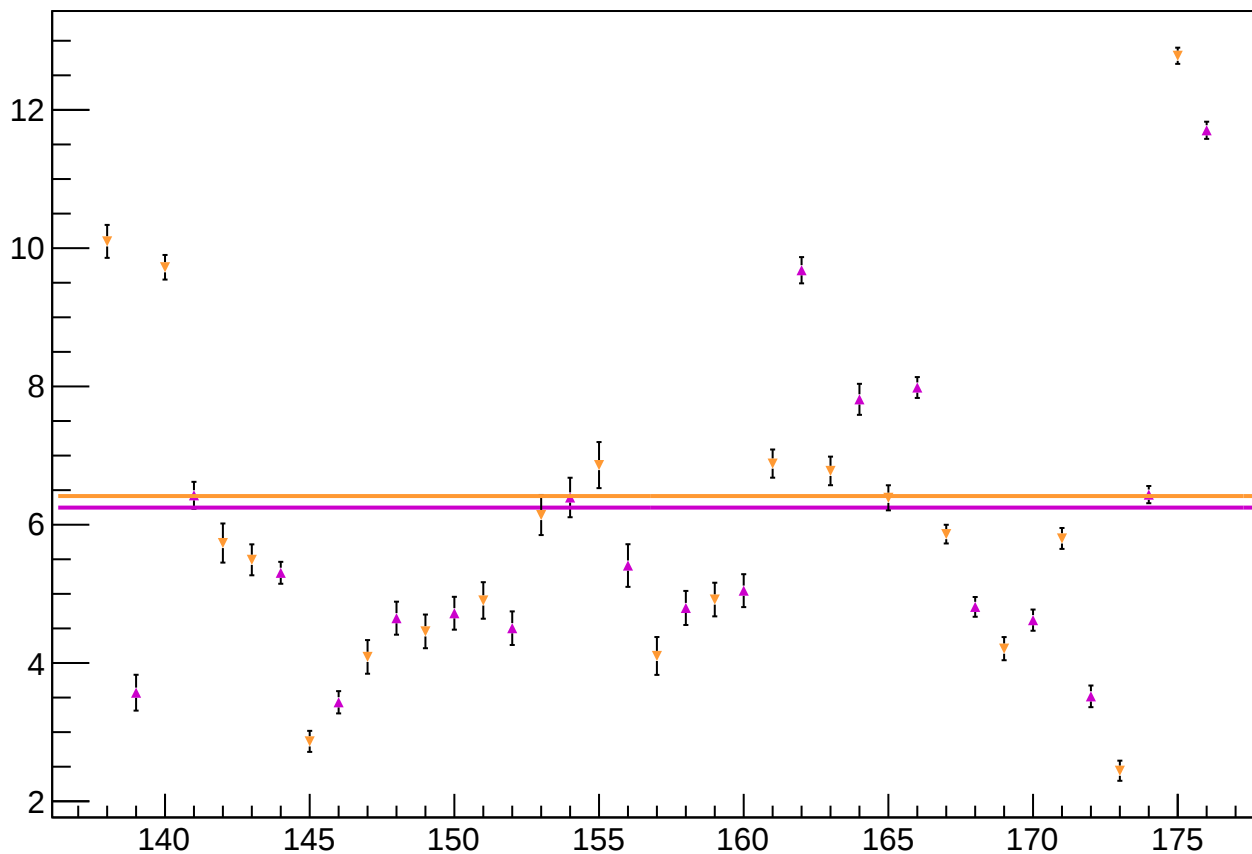
Left In: 0.155 ± 0.006 χ^2/NDF : 767.1/18

+ sign 0.136 ± 0.006 χ^2/NDF : 1783.6/36

All: 0.126 ± 0.004 χ^2/NDF : 4354.7/74

- sign 0.117 ± 0.006 χ^2/NDF : 2566.4/37

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 6.415 $\pm$ 0.042 χ^2 /NDF:5366.8/19

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

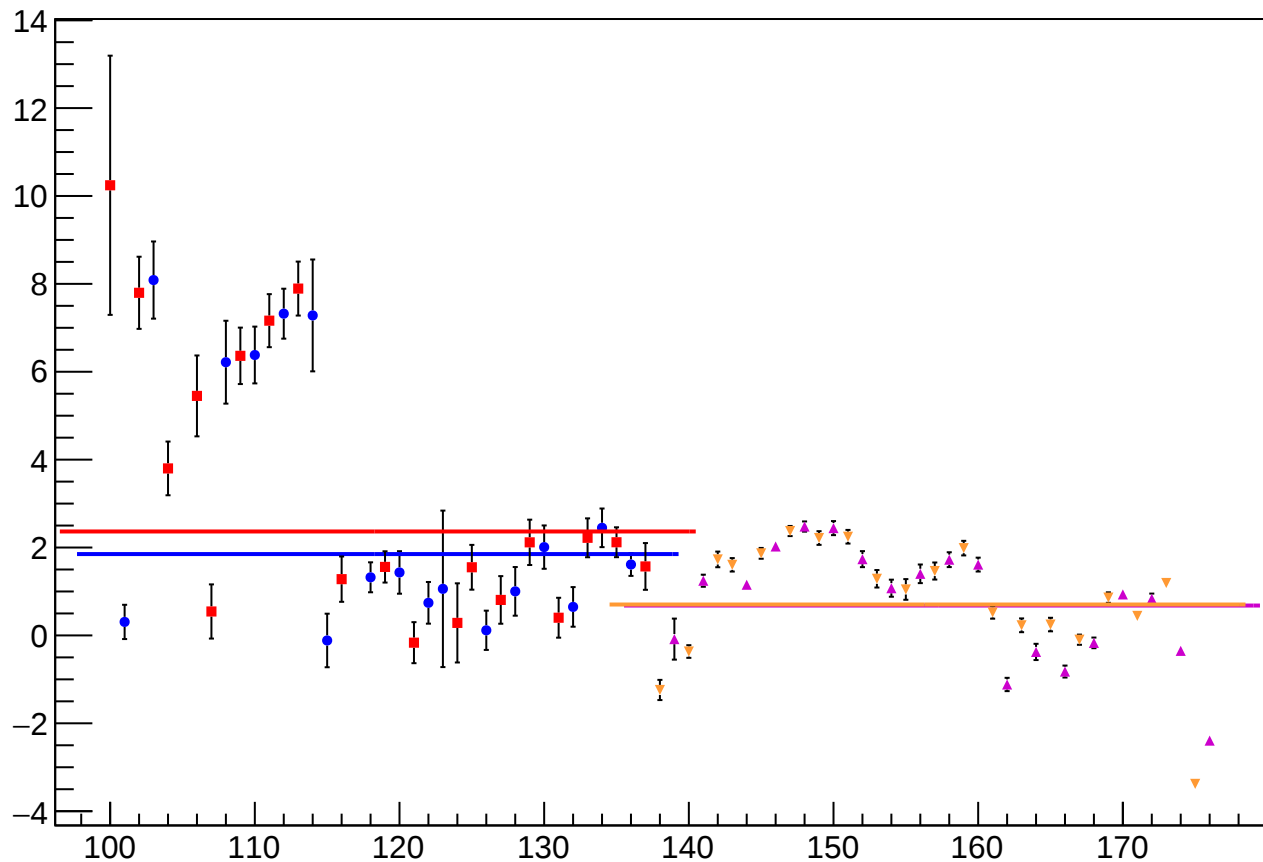
Left In: 6.248 $\pm$ 0.041 χ^2 /NDF:3613.4/18

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

All: 6.329 $\pm$ 0.030 χ^2 /NDF: 8988.1/38

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

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.851 ± 0.117 χ^2/NDF : 294.2/16

Left Out: 0.703 ± 0.032 χ^2/NDF : 2188.2/19

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.2/18

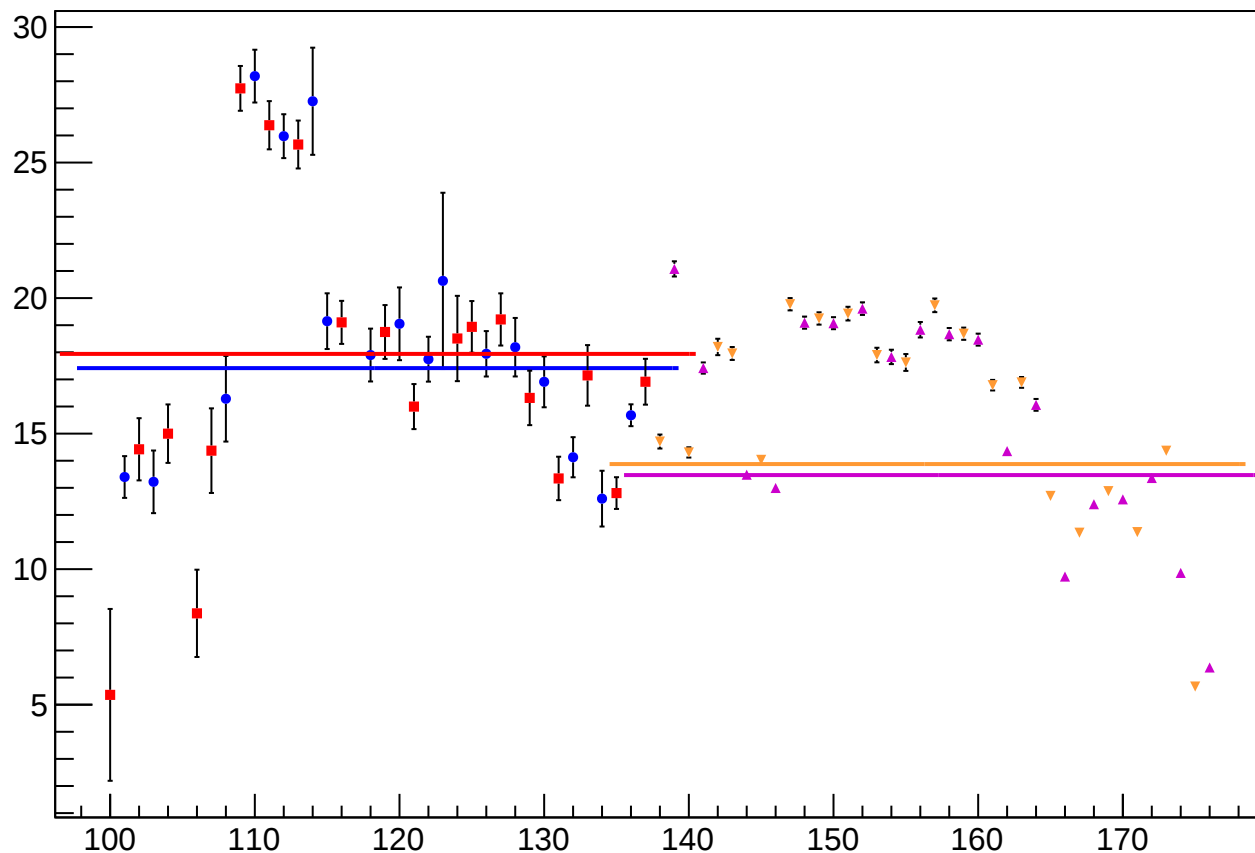
Left In: 0.680 ± 0.031 χ^2/NDF : 1870.6/18

+ sign 0.782 ± 0.031 χ^2/NDF : 2571.8/36

All: 0.783 ± 0.022 χ^2/NDF : 4956.0/74

- sign 0.784 ± 0.030 χ^2/NDF : 2384.2/37

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.417 ± 0.213 χ^2/NDF : 367.0/16

Left Out: 13.877 ± 0.043 χ^2/NDF : 9618.7/19

Right Out: 17.941 ± 0.219 χ^2/NDF : 505.6/18

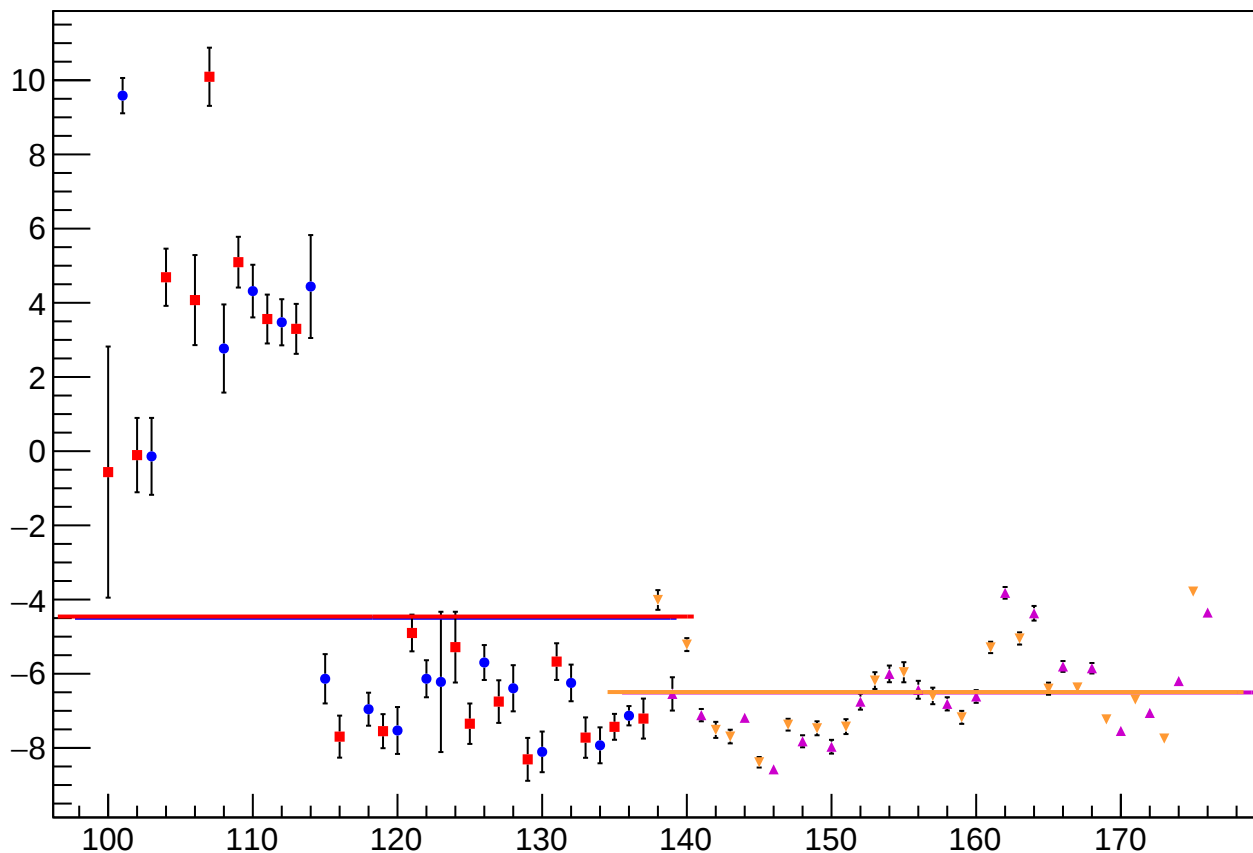
Left In: 13.471 ± 0.041 χ^2/NDF : 9622.5/18

+ sign 14.013 ± 0.042 χ^2/NDF : 10252.2/36

All: 13.815 ± 0.029 χ^2/NDF : 20826.2/74

- sign 13.625 ± 0.041 χ^2/NDF : 10529.8/37

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: -6.494 ± 0.036 χ^2/NDF : 1292.5/19

Right Out: -4.458 ± 0.137 χ^2/NDF : 1338.9/18

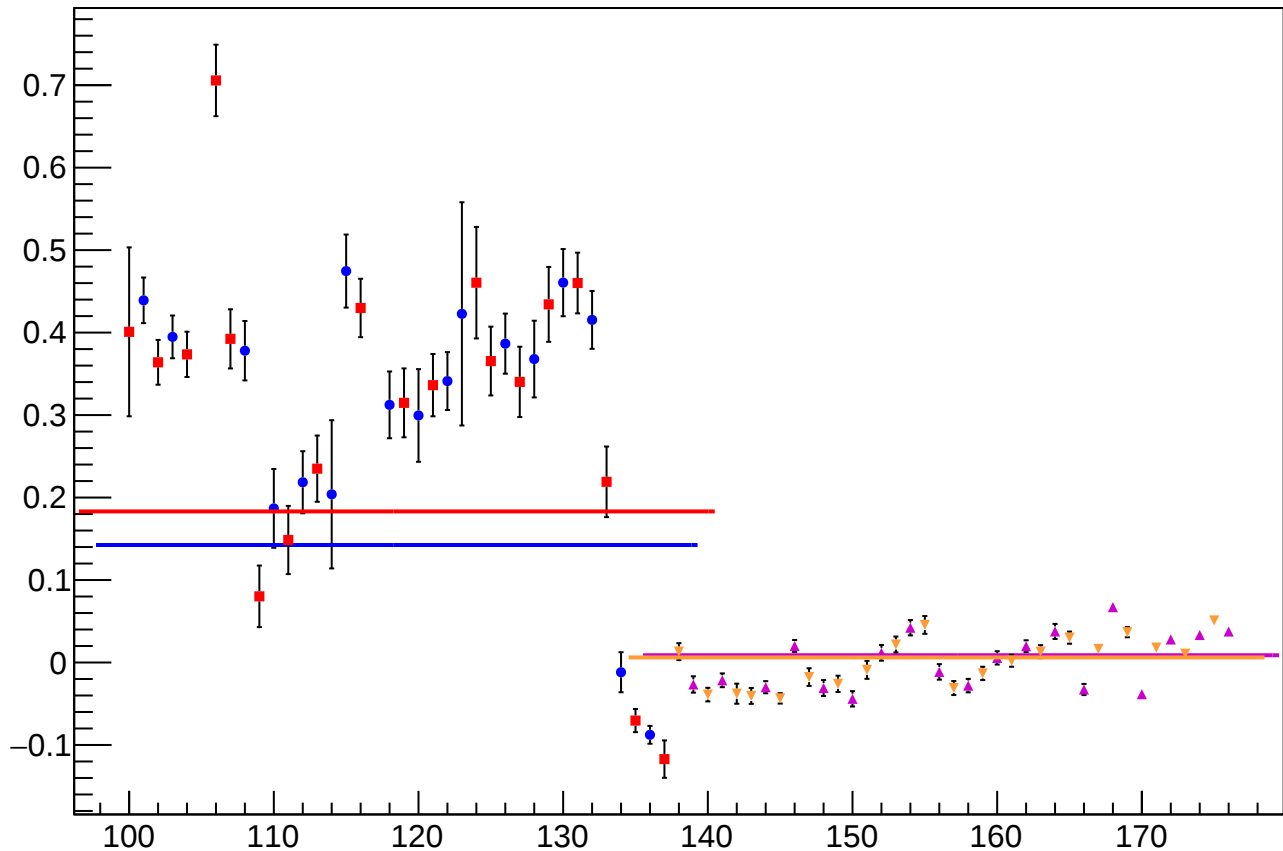
Left In: -6.505 ± 0.036 χ^2/NDF : 1308.9/18

+ sign -6.350 ± 0.035 χ^2/NDF : 3096.6/36

All: -6.362 ± 0.025 χ^2/NDF : 5953.6/74

- sign -6.374 ± 0.035 χ^2/NDF : 2856.7/37

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: 0.006 $\pm$ 0.002 χ^2 /NDF: 294.8/19

Right Out: 0.183 $\pm$ 0.007 χ^2 /NDF: 1000.9/18

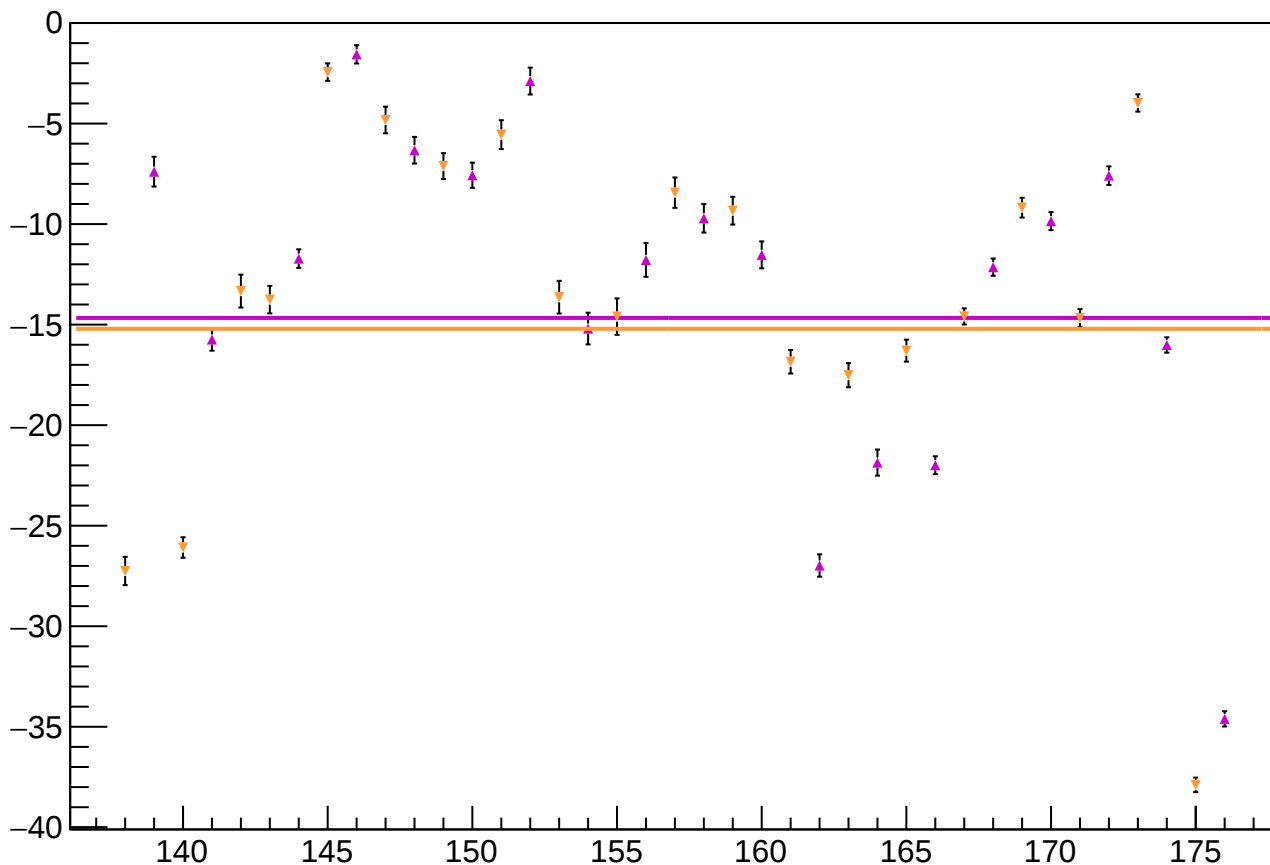
Left In: 0.009 $\pm$ 0.002 χ^2 /NDF: 443.7/18

+ sign 0.013 $\pm$ 0.002 χ^2 /NDF: 1705.5/36

All: 0.015 $\pm$ 0.001 χ^2 /NDF: 3680.8/74

- sign 0.017 $\pm$ 0.002 χ^2 /NDF: 1973.0/37

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.207+/-0.123 χ^2/NDF : 7185.7/19

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

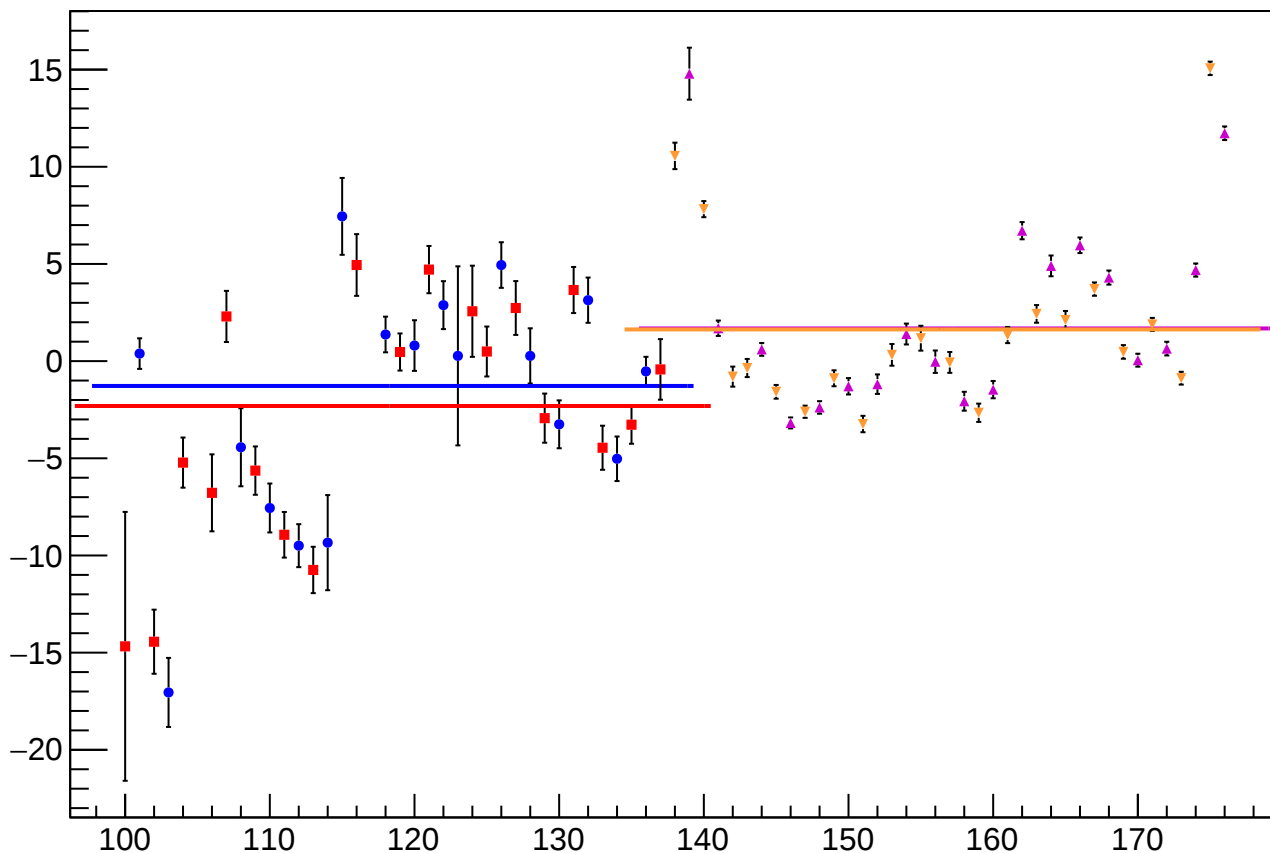
Left In: -14.667+/-0.121 χ^2/NDF : 5695.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.931+/-0.086 χ^2/NDF : 12891.0/38

- 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: 1.631 ± 0.092 χ^2/NDF : 2589.5/19

Right Out: -2.309 ± 0.302 χ^2/NDF : 285.3/18

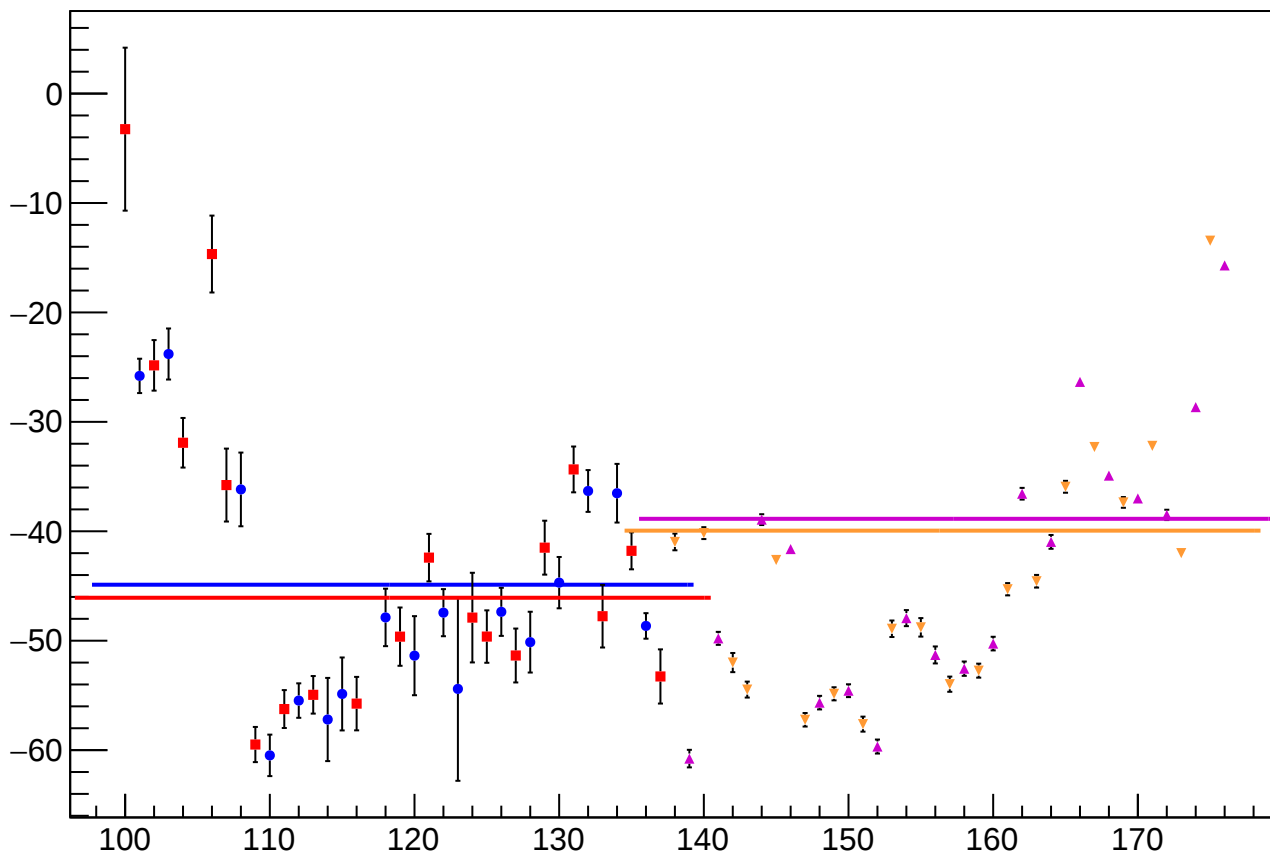
Left In: 1.681 ± 0.091 χ^2/NDF : 2025.9/18

+ sign 1.368 ± 0.088 χ^2/NDF : 2956.1/36

All: 1.358 ± 0.062 χ^2/NDF : 5427.0/74

- sign 1.348 ± 0.087 χ^2/NDF : 2470.9/37

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.883 ± 0.524 χ^2/NDF : 421.0/16

Left Out: -39.942 ± 0.124 χ^2/NDF : 10037.1/19

Right Out: -46.075 ± 0.529 χ^2/NDF : 454.3/18

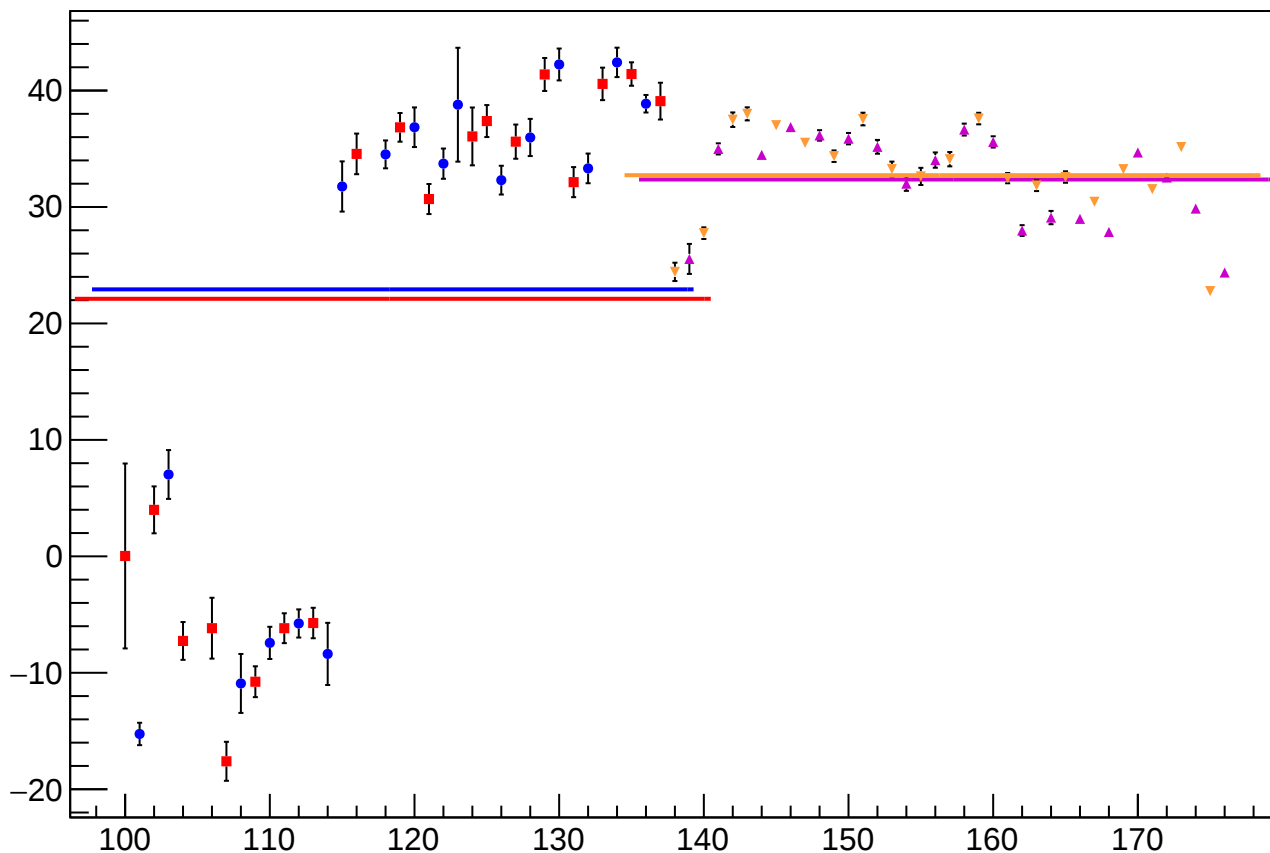
Left In: -38.861 ± 0.121 χ^2/NDF : 10109.4/18

+ sign -40.202 ± 0.120 χ^2/NDF : 10542.2/36

All: -39.700 ± 0.084 χ^2/NDF : 21316.9/74

- sign -39.219 ± 0.118 χ^2/NDF : 10740.6/37

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: 32.732 $\pm$ 0.105 χ^2 /NDF:1548.7/19

Right Out: 22.117 $\pm$ 0.340 χ^2 /NDF: 4033.4/18

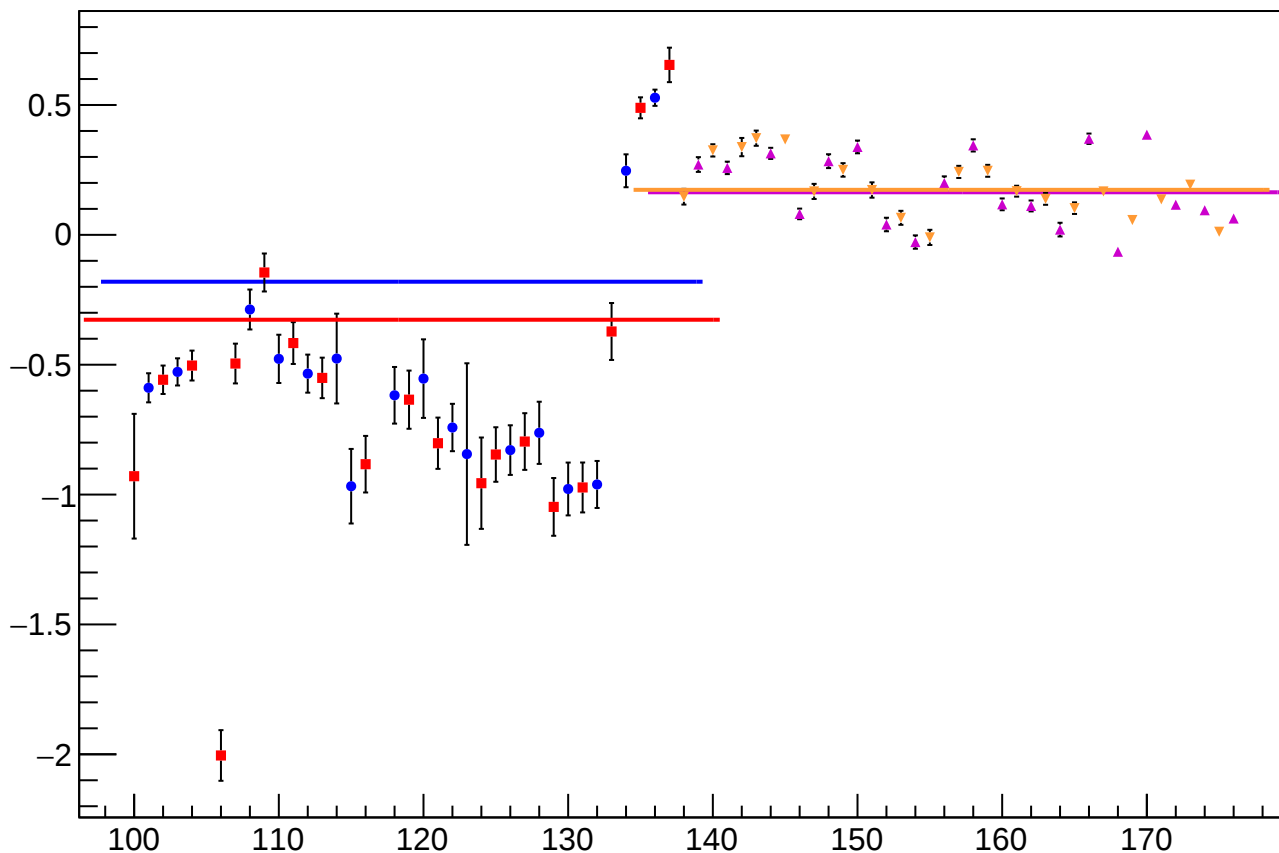
Left In: 32.359 $\pm$ 0.104 χ^2 /NDF:1352.6/18

+ sign 31.823 $\pm$ 0.100 χ^2 /NDF: 6689.5/36

All: 31.652 $\pm$ 0.070 χ^2 /NDF: 12911.4/74

- sign 31.482 $\pm$ 0.099 χ^2 /NDF: 6216.0/37

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180+/-0.018 χ^2/NDF : 995.7/16

Left Out: 0.173+/-0.005 χ^2/NDF : 455.4/19

Right Out: -0.327+/-0.018 χ^2/NDF : 1175.6/18

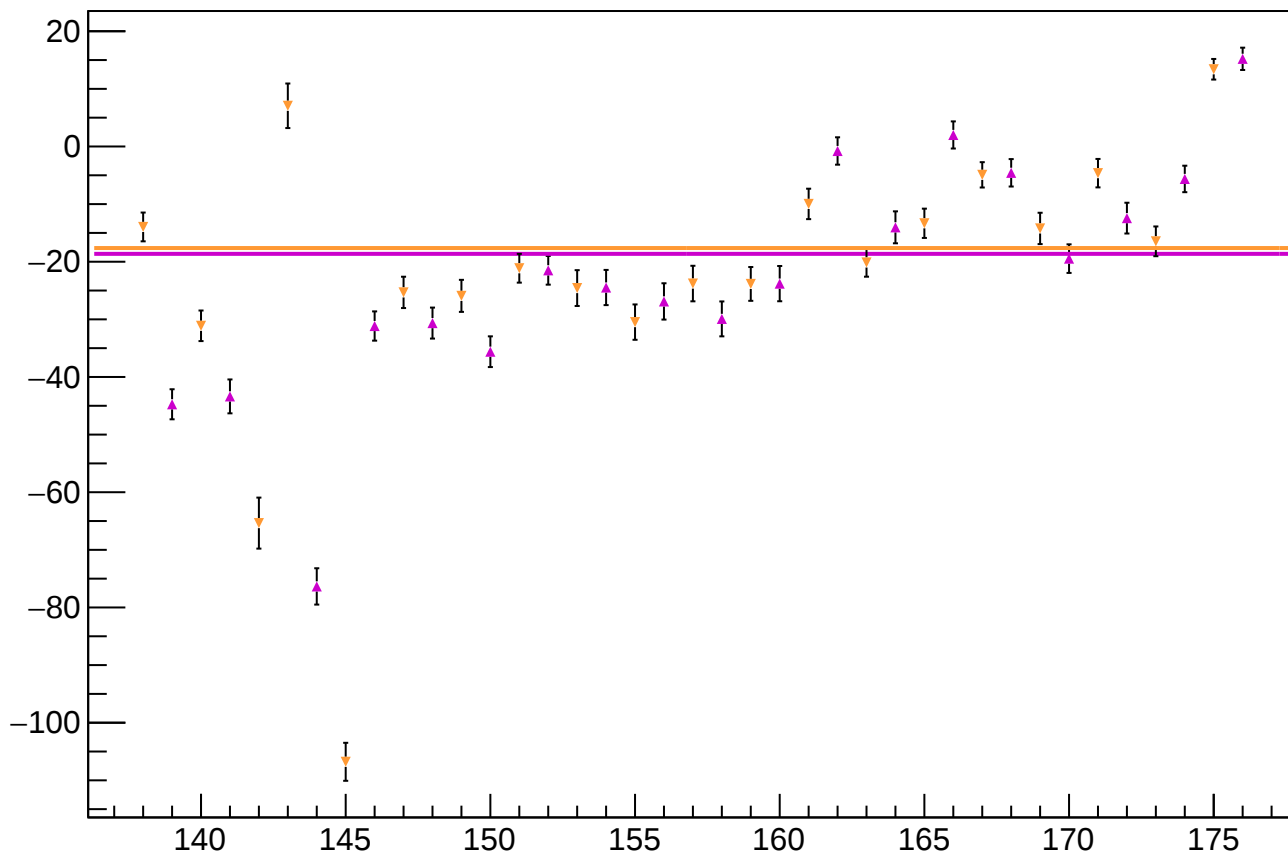
Left In: 0.164+/-0.005 χ^2/NDF : 898.7/18

+ sign 0.149+/-0.005 χ^2/NDF : 1819.8/36

All: 0.140+/-0.003 χ^2/NDF : 4580.7/74

- sign 0.133+/-0.005 χ^2/NDF : 2755.0/37

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -17.625+/-0.598 χ^2/NDF :1342.9/19

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

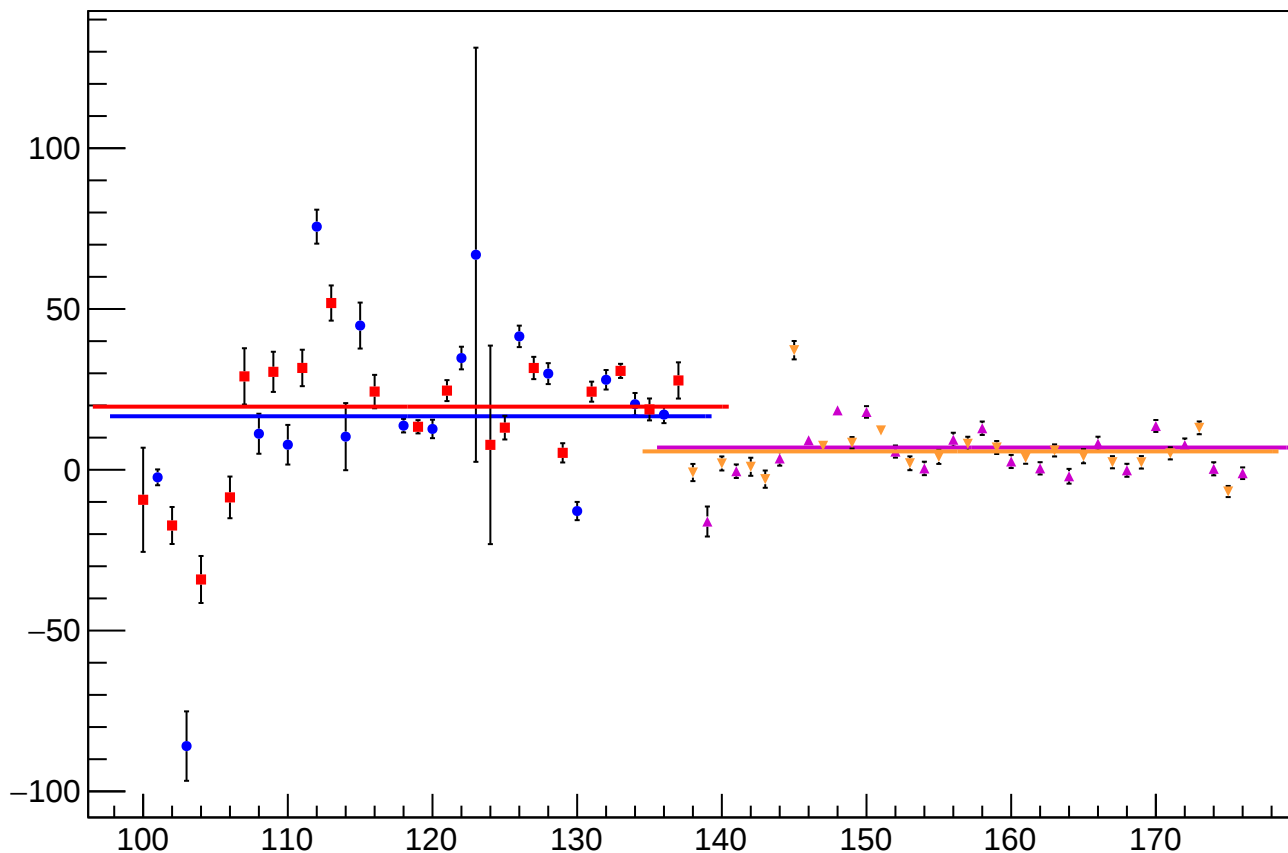
Left In: -18.632+/-0.597 χ^2/NDF :1134.0/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.129+/-0.422 χ^2/NDF : 2478.3/38

- 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 $\chi^2/\text{NDF}: 518.9/16$

Left Out: 5.715 ± 0.438 $\chi^2/\text{NDF}: 247.2/19$

Right Out: 19.632 ± 0.896 $\chi^2/\text{NDF}: 241.7/18$

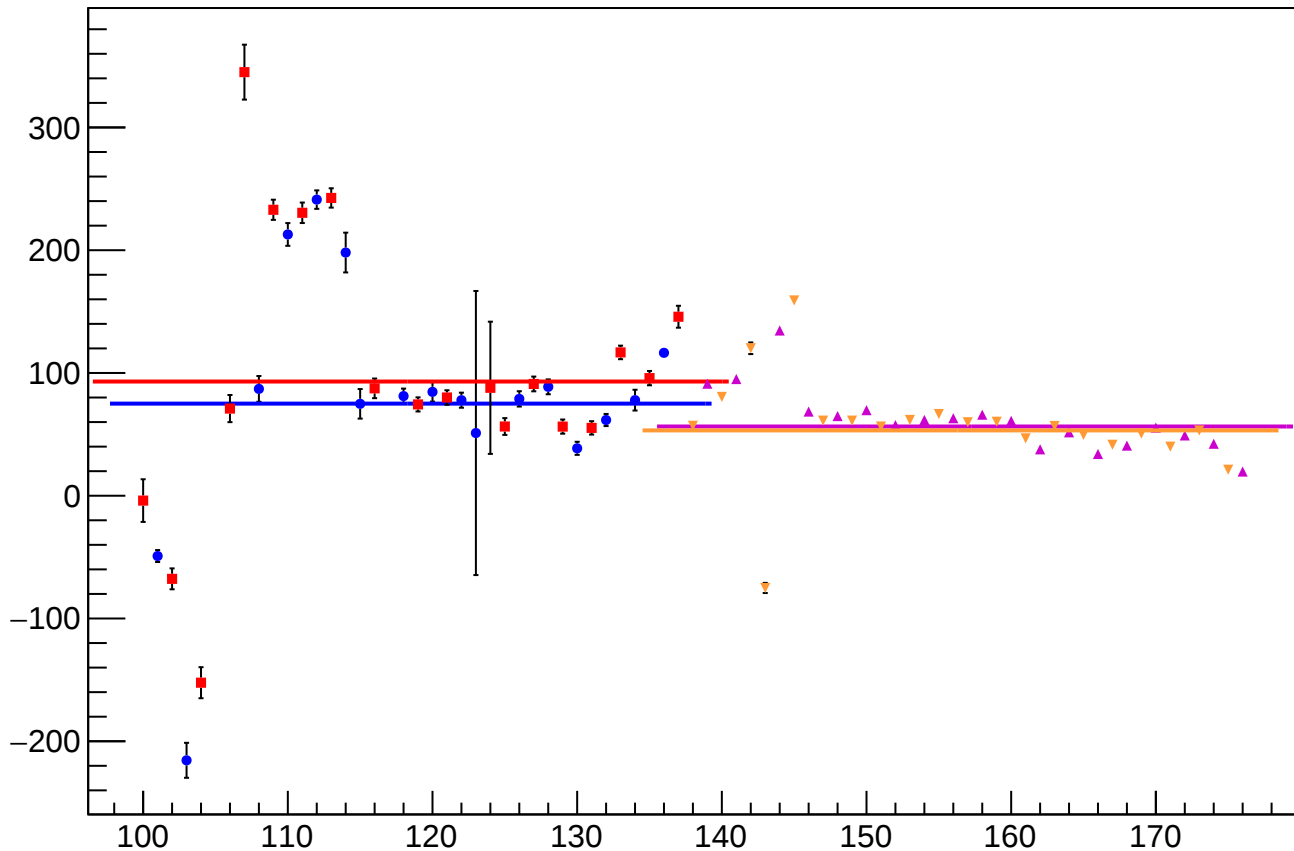
Left In: 6.918 ± 0.447 $\chi^2/\text{NDF}: 263.4/18$

+ sign 7.970 ± 0.390 $\chi^2/\text{NDF}: 894.6/36$

All: 8.692 ± 0.279 $\chi^2/\text{NDF}: 1567.8/74$

- sign 9.451 ± 0.400 $\chi^2/\text{NDF}: 666.2/37$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.032 $\pm$ 1.647 χ^2 /NDF: 1999.7/16

Left Out: 53.218 $\pm$ 0.591 χ^2 /NDF: 2671.2/19

Right Out: 93.028 $\pm$ 1.711 χ^2 /NDF: 2003.6/18

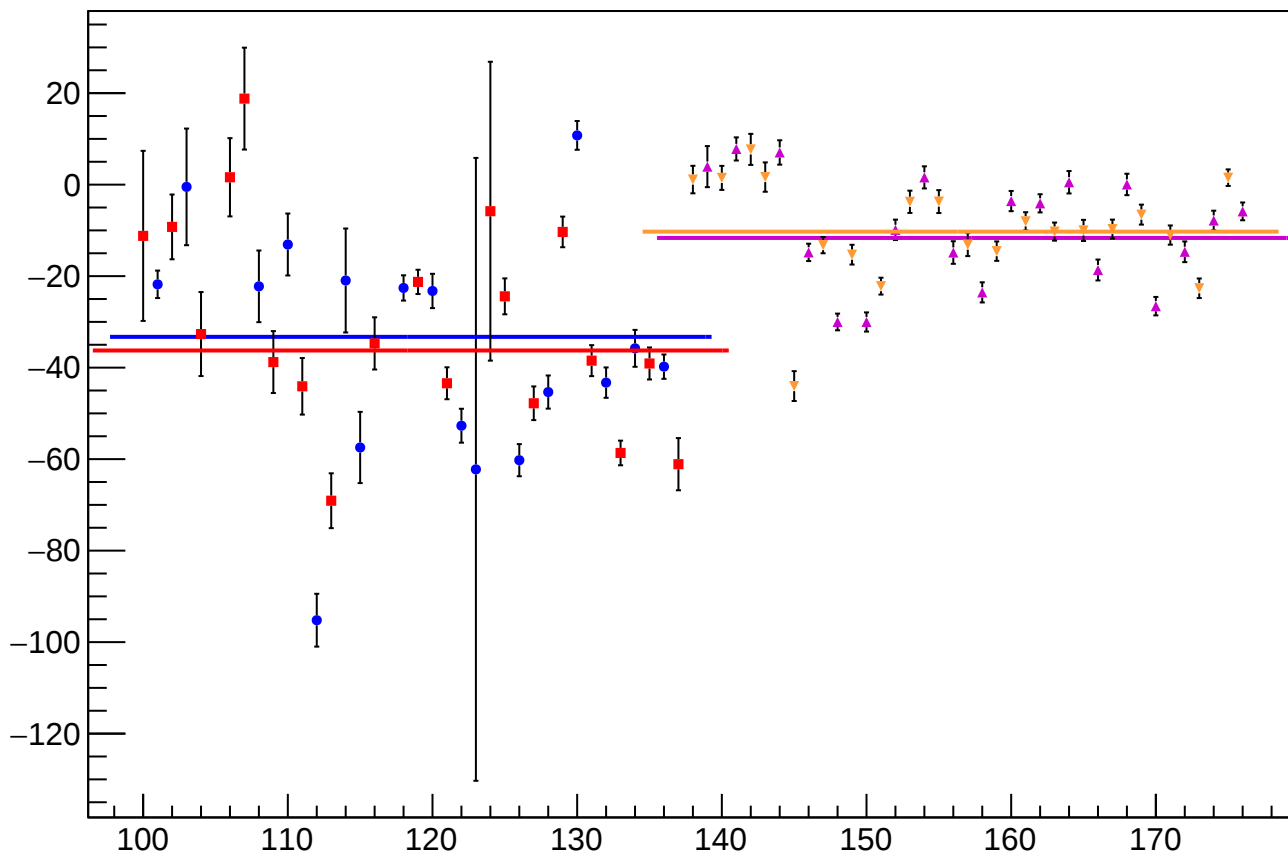
Left In: 56.402 $\pm$ 0.590 χ^2 /NDF: 1535.9/18

+ sign 55.706 $\pm$ 0.556 χ^2 /NDF: 4826.4/36

All: 57.991 $\pm$ 0.394 χ^2 /NDF: 8809.2/74

- sign 60.289 $\pm$ 0.558 χ^2 /NDF: 3948.9/37

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.272 ± 0.982 χ^2/NDF : 489.4/16

Left Out: -10.274 ± 0.503 χ^2/NDF : 333.0/19

Right Out: -36.251 ± 1.024 χ^2/NDF : 297.6/18

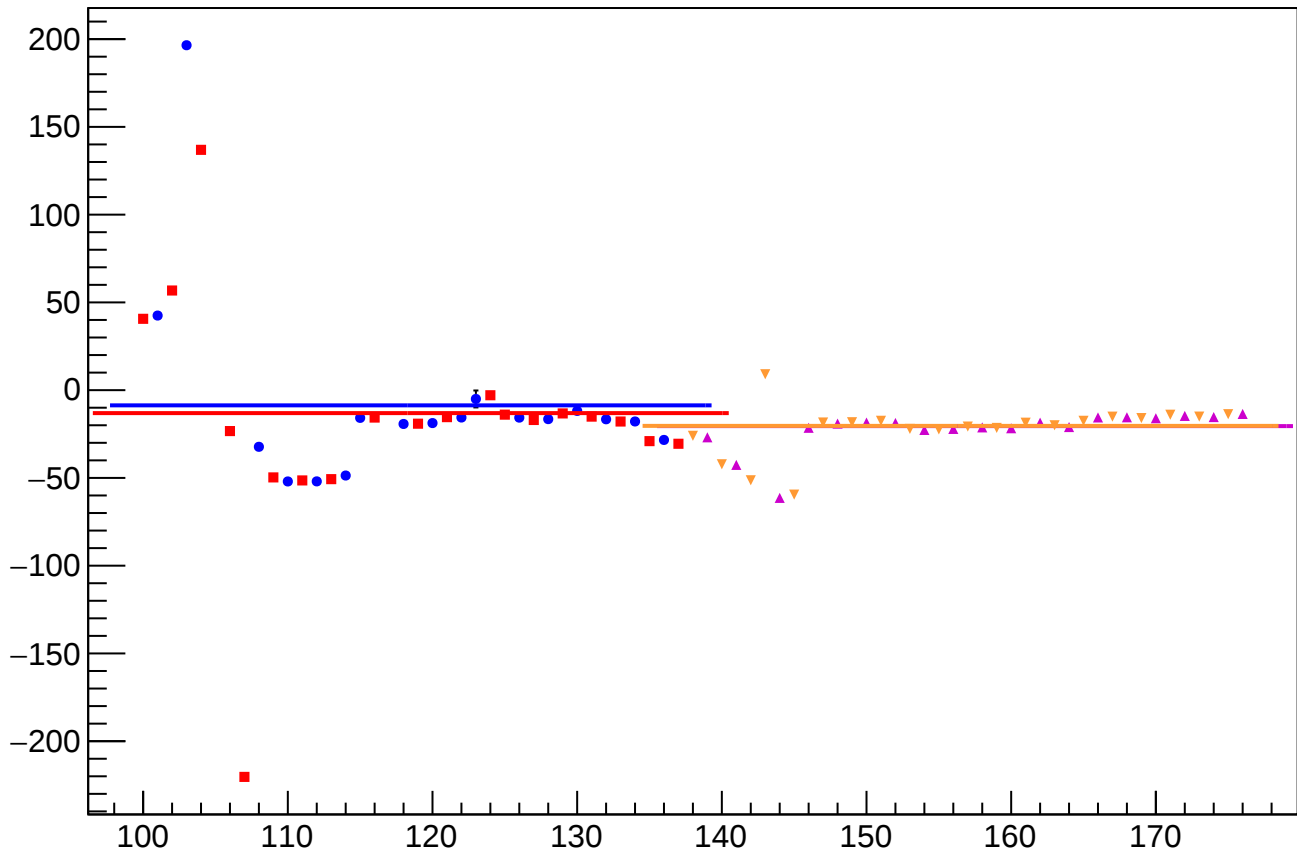
Left In: -11.651 ± 0.512 χ^2/NDF : 518.3/18

+ sign -15.050 ± 0.447 χ^2/NDF : 1257.0/36

All: -15.792 ± 0.320 χ^2/NDF : 2540.3/74

- sign -16.569 ± 0.458 χ^2/NDF : 1277.7/37

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.657 ± 0.059 χ^2/NDF : 575742.7/16

Left Out: -20.348 ± 0.023 χ^2/NDF : 199563.2/19

Right Out: -13.077 ± 0.062 χ^2/NDF : 558318.9/18

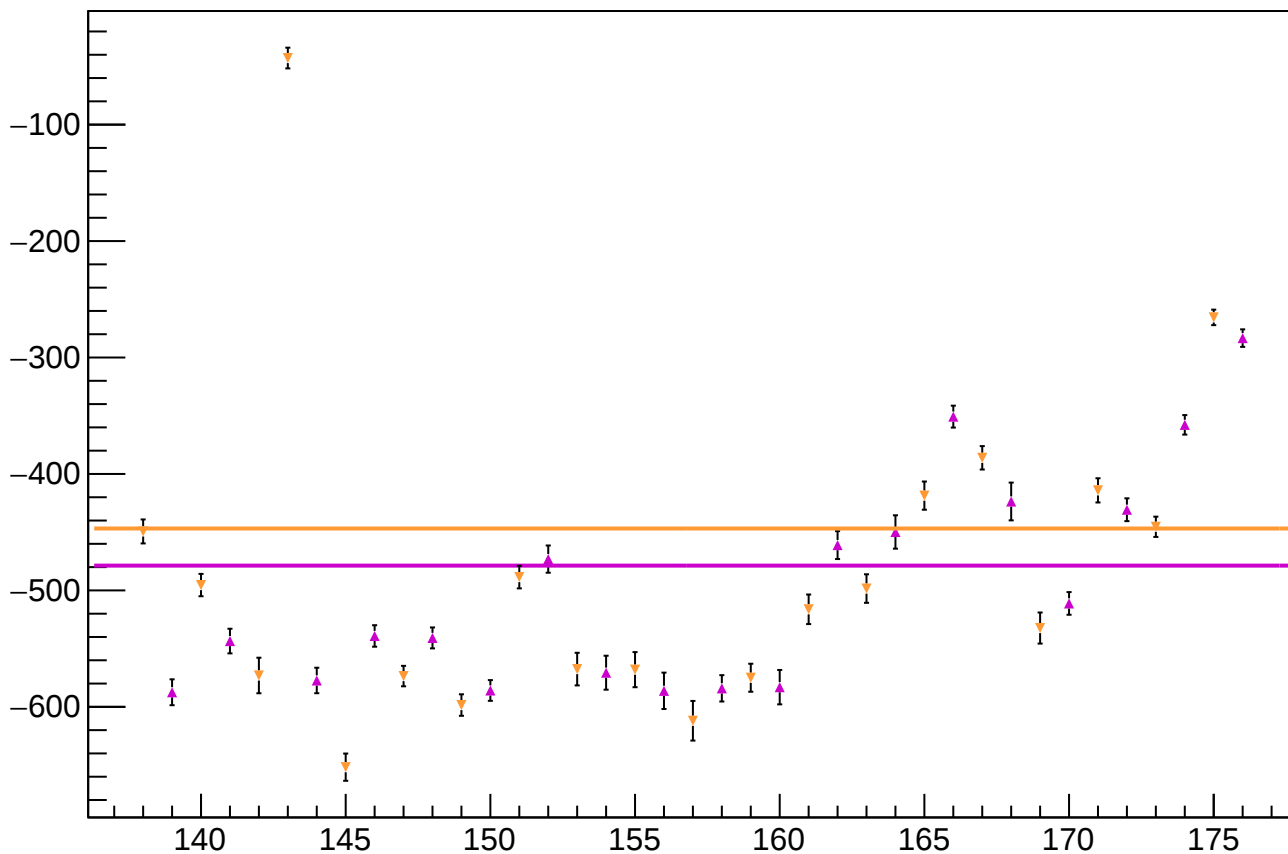
Left In: -20.482 ± 0.023 χ^2/NDF : 135540.4/18

+ sign -18.768 ± 0.022 χ^2/NDF : 809167.4/36

All: -19.176 ± 0.015 χ^2/NDF : 1516322.5/74

- sign -19.579 ± 0.022 χ^2/NDF : 706453.9/37

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -446.834+/-2.357 χ^2/NDF : 4188.5/19

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

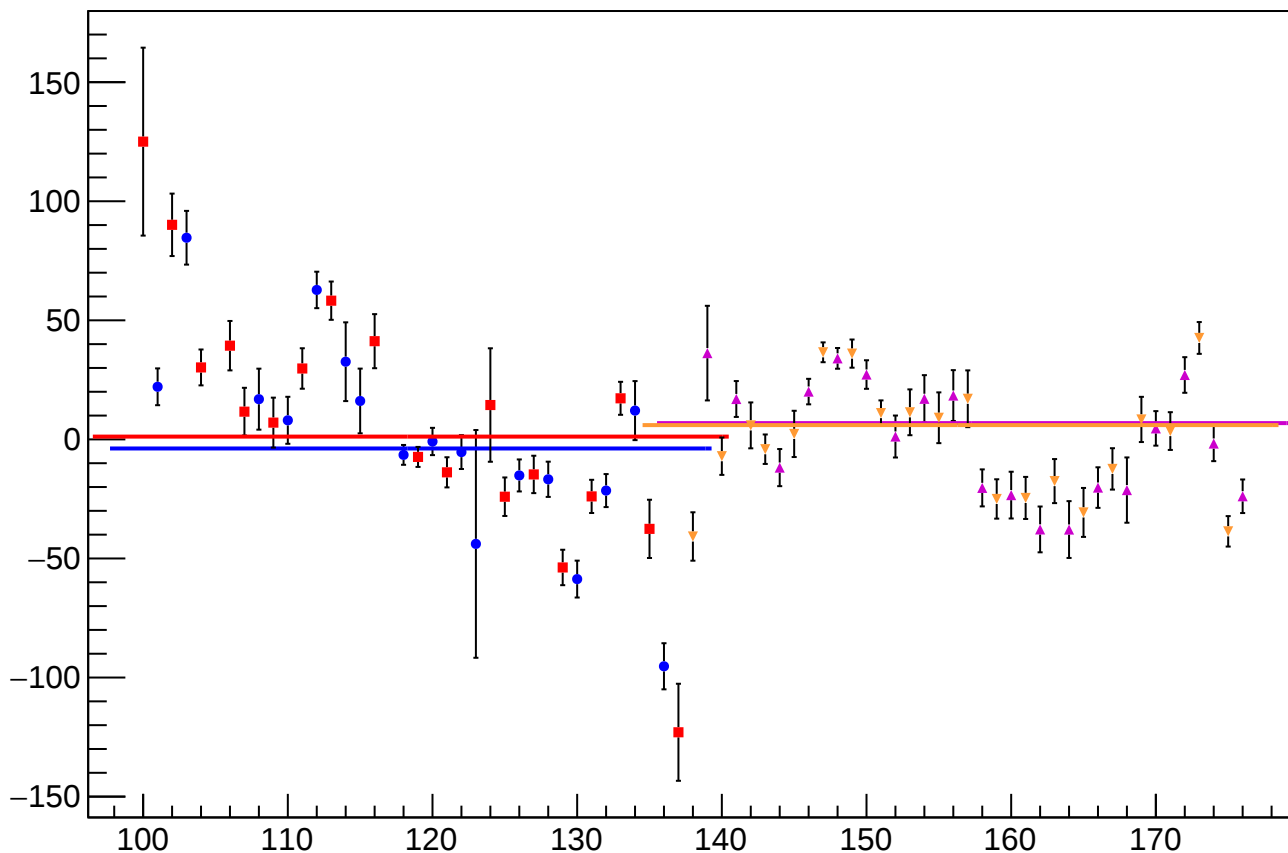
Left In: -478.709+/-2.422 χ^2/NDF : 1795.2/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -462.343+/-1.689 χ^2/NDF : 6072.7/38

- 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: 6.002 ± 1.673 χ^2/NDF : 237.2/19

Right Out: 1.175 ± 1.914 χ^2/NDF : 303.9/18

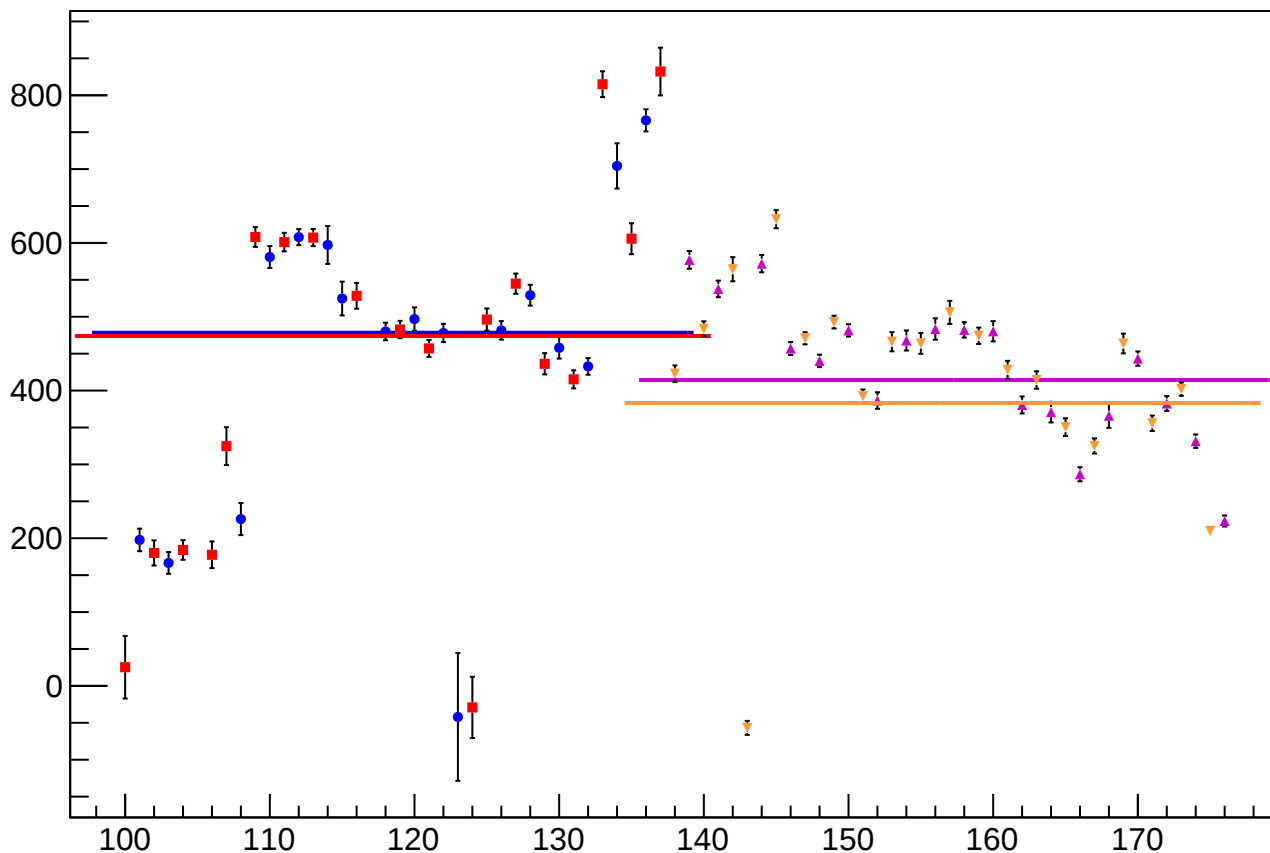
Left In: 6.838 ± 1.759 χ^2/NDF : 168.4/18

+ sign 1.772 ± 1.262 χ^2/NDF : 566.4/36

All: 2.976 ± 0.904 χ^2/NDF : 1045.3/74

- sign 4.244 ± 1.295 χ^2/NDF : 477.0/37

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.334 $\pm$ 3.662 χ^2/NDF : 1628.8/16

Left Out: 383.160 $\pm$ 2.344 χ^2/NDF : 4054.5/19

Right Out: 473.902 $\pm$ 3.531 χ^2/NDF : 2285.0/18

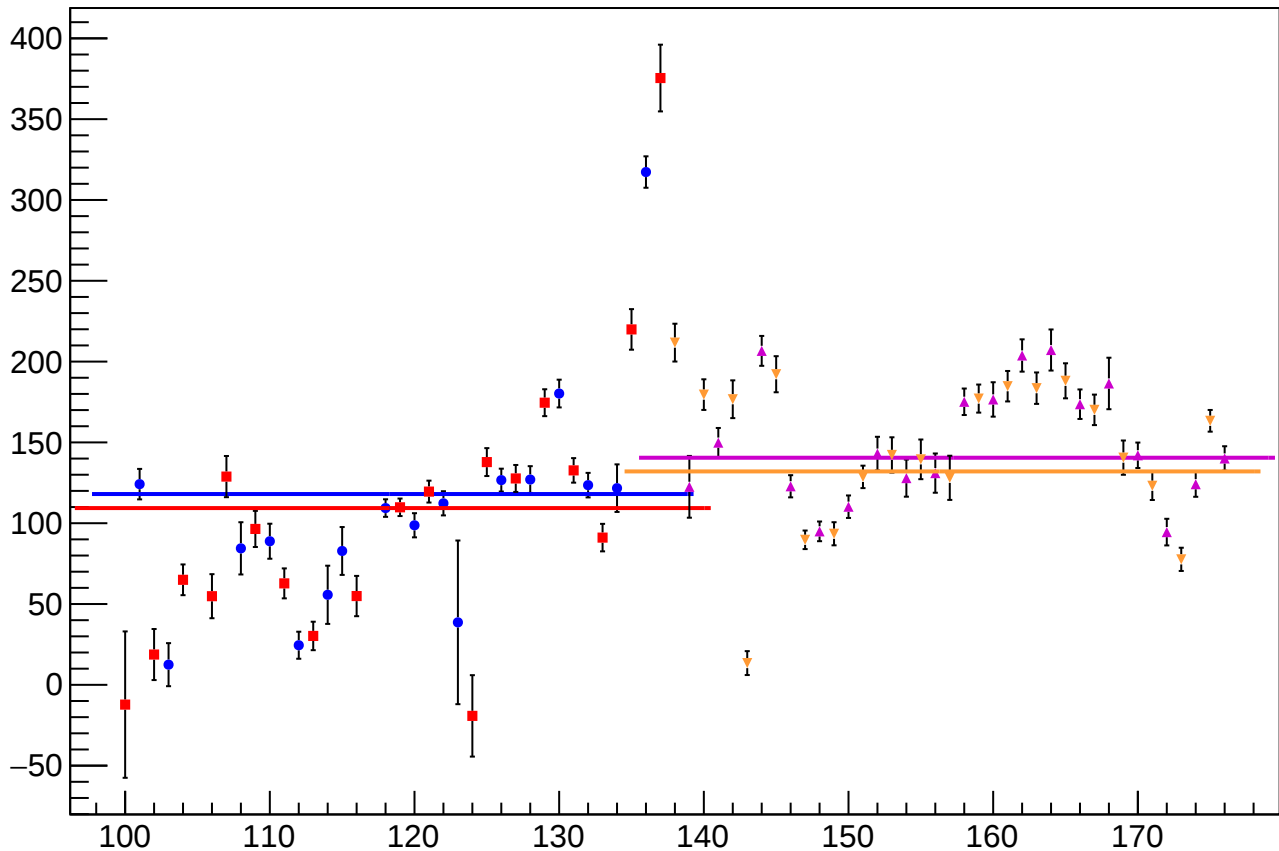
Left In: 414.296 $\pm$ 2.397 χ^2/NDF : 1656.3/18

+ sign 410.814 $\pm$ 1.974 χ^2/NDF : 6162.5/36

All: 421.904 $\pm$ 1.399 χ^2/NDF : 10362.3/74

- sign 433.095 $\pm$ 1.983 χ^2/NDF : 4136.4/37

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 118.055 ± 2.225 $\chi^2/\text{NDF}: 705.3/16$

Left Out: 132.051 ± 1.956 $\chi^2/\text{NDF}: 667.4/19$

Right Out: 109.367 ± 2.205 $\chi^2/\text{NDF}: 569.8/18$

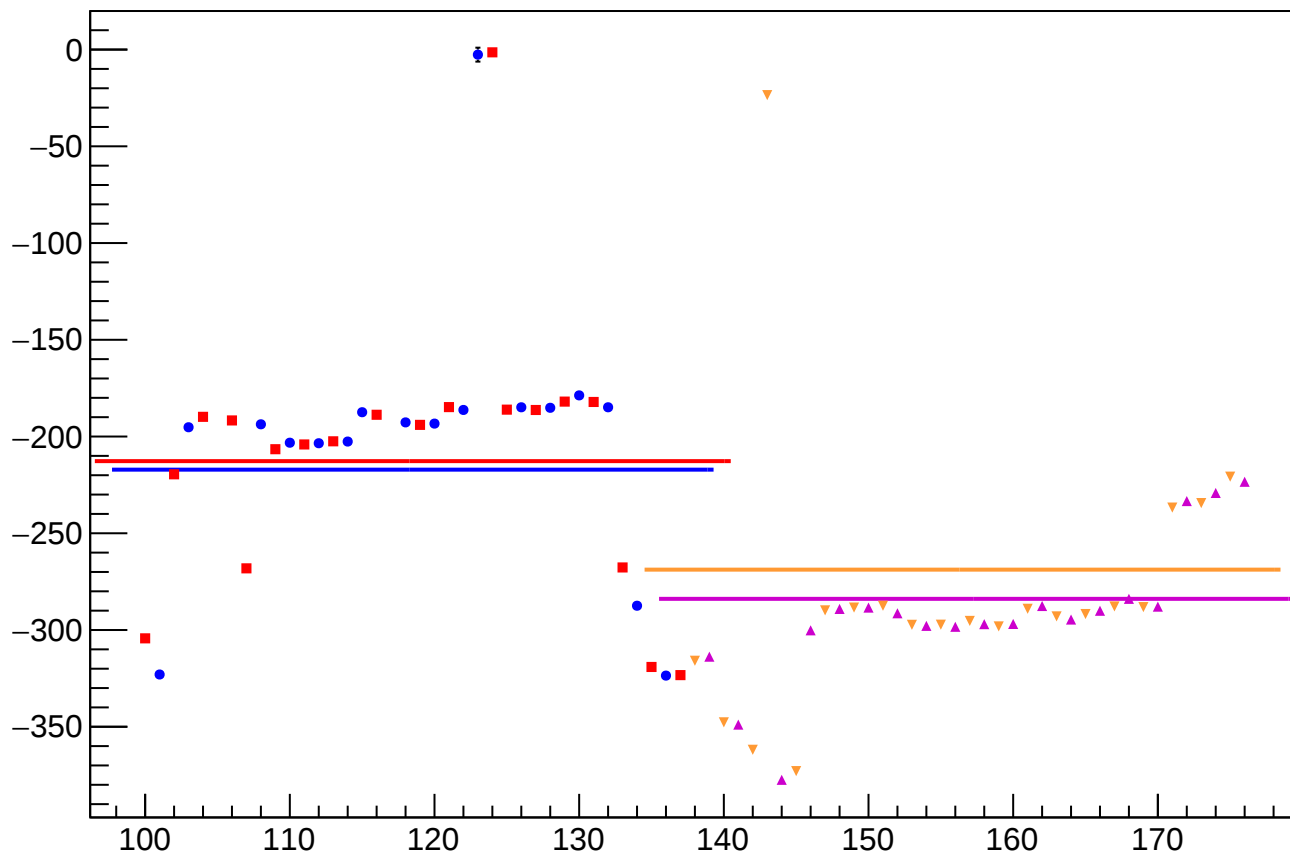
Left In: 140.514 ± 2.043 $\chi^2/\text{NDF}: 290.5/18$

+ sign 125.950 ± 1.469 $\chi^2/\text{NDF}: 1395.0/36$

All: 126.037 ± 1.049 $\chi^2/\text{NDF}: 2362.7/74$

- sign 126.127 ± 1.499 $\chi^2/\text{NDF}: 967.7/37$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.120 ± 0.137 χ^2/NDF : 146559.7/16

Left Out: -268.797 ± 0.095 χ^2/NDF : 598589.1/19

Right Out: -212.715 ± 0.130 χ^2/NDF : 115566.2/18

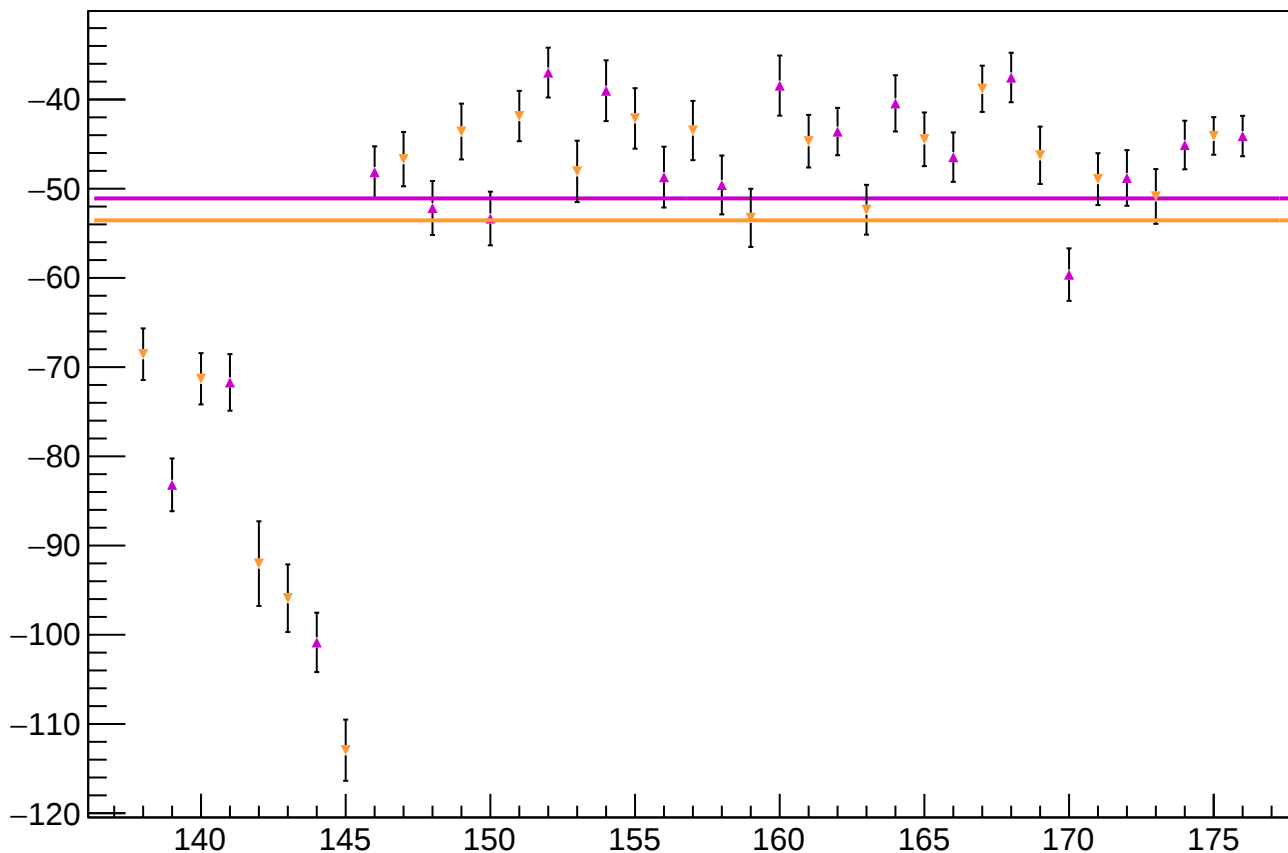
Left In: -283.892 ± 0.095 χ^2/NDF : 144929.3/18

+ sign -252.032 ± 0.078 χ^2/NDF : 841869.4/36

All: -255.591 ± 0.055 χ^2/NDF : 1301192.4/74

- sign -259.068 ± 0.077 χ^2/NDF : 455184.3/37

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -53.546 $\pm$ 0.677 χ^2 /NDF: 690.4/19

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

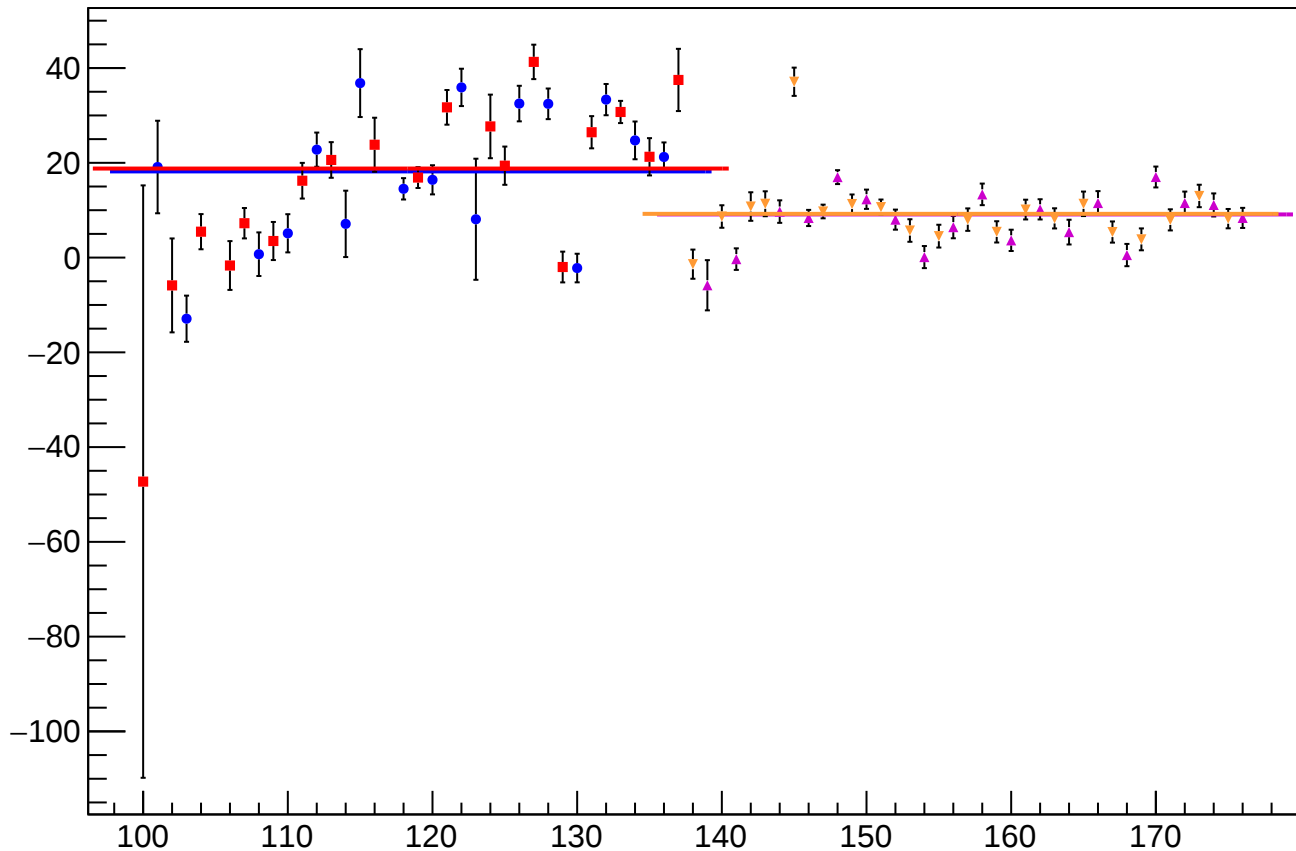
Left In: -51.089 $\pm$ 0.678 χ^2 /NDF: 507.8/18

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

All: -52.319 $\pm$ 0.479 χ^2 /NDF: 1204.7/38

- sign 0.000 $\pm$ 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: 9.231 ± 0.494 χ^2/NDF : 124.0/19

Right Out: 18.791 ± 0.863 χ^2/NDF : 198.8/18

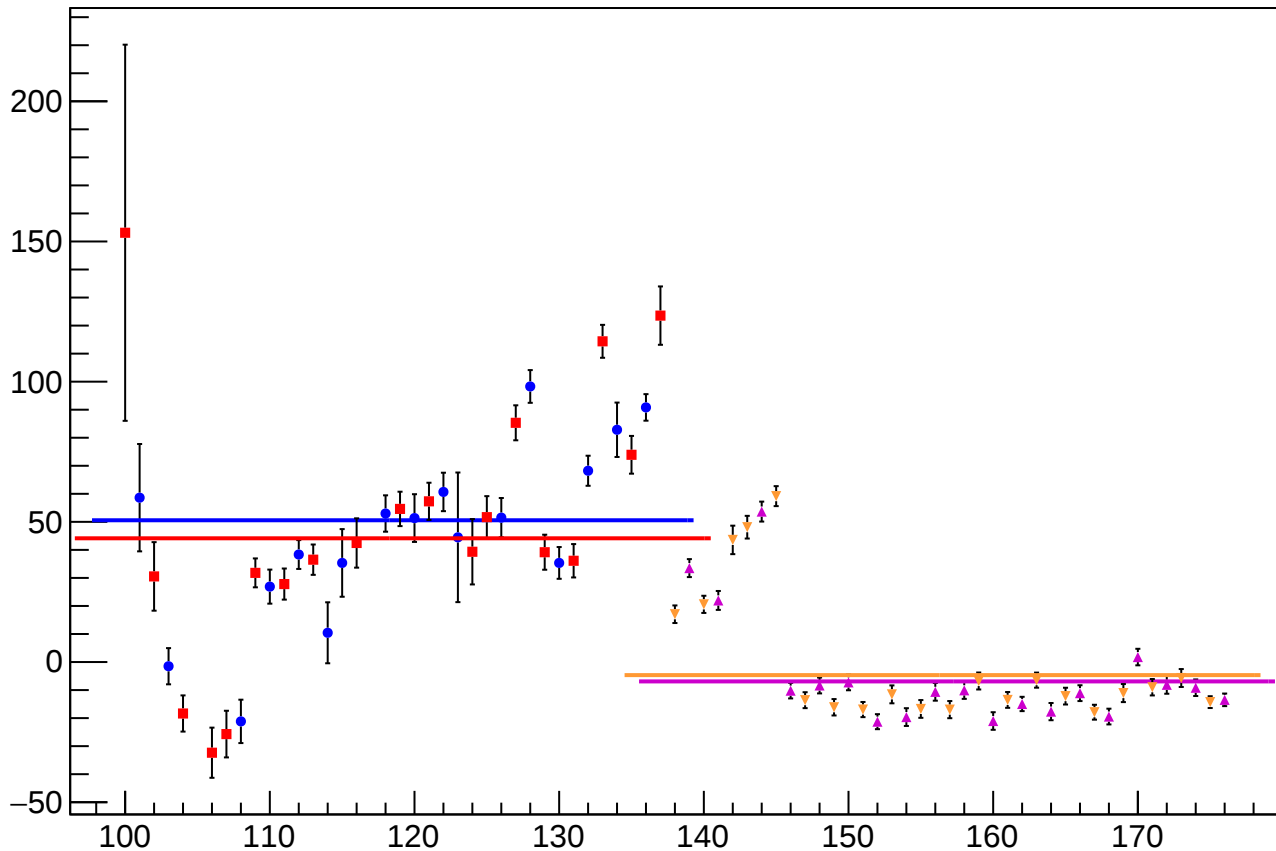
Left In: 9.107 ± 0.506 χ^2/NDF : 113.7/18

+ sign 11.244 ± 0.435 χ^2/NDF : 402.8/36

All: 11.414 ± 0.308 χ^2/NDF : 809.3/74

- sign 11.585 ± 0.436 χ^2/NDF : 406.2/37

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.565 $\pm$ 1.678 χ^2 /NDF: 357.9/16

Left Out: -4.666 $\pm$ 0.669 χ^2 /NDF: 847.7/19

Right Out: 44.132 $\pm$ 1.603 χ^2 /NDF: 532.5/18

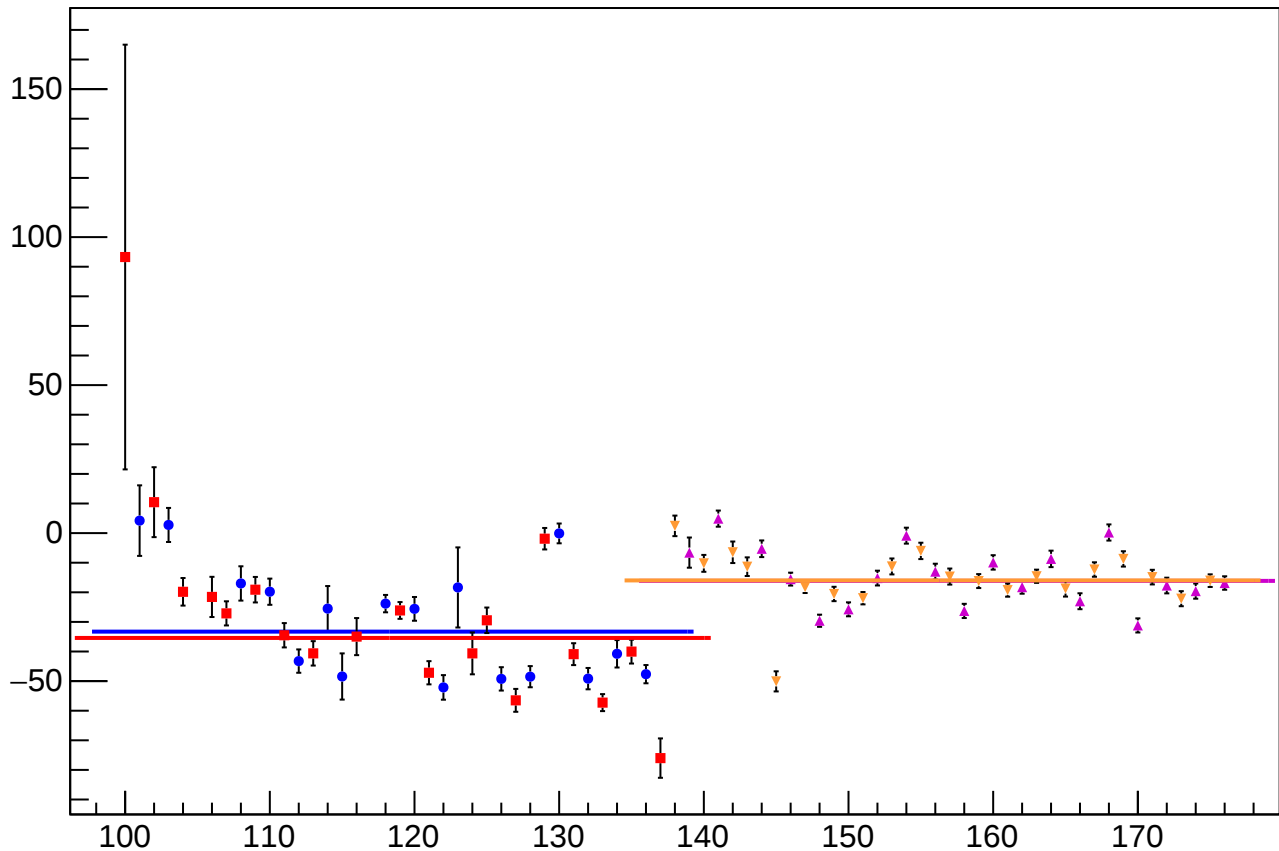
Left In: -6.913 $\pm$ 0.669 χ^2 /NDF: 653.9/18

+ sign 2.917 $\pm$ 0.622 χ^2 /NDF: 2140.8/36

All: 1.783 $\pm$ 0.438 χ^2 /NDF: 4197.8/74

- sign 0.664 $\pm$ 0.617 χ^2 /NDF: 2050.4/37

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.281 ± 1.043 χ^2/NDF : 290.1/16

Left Out: -15.984 ± 0.568 χ^2/NDF : 191.3/19

Right Out: -35.417 ± 0.991 χ^2/NDF : 289.7/18

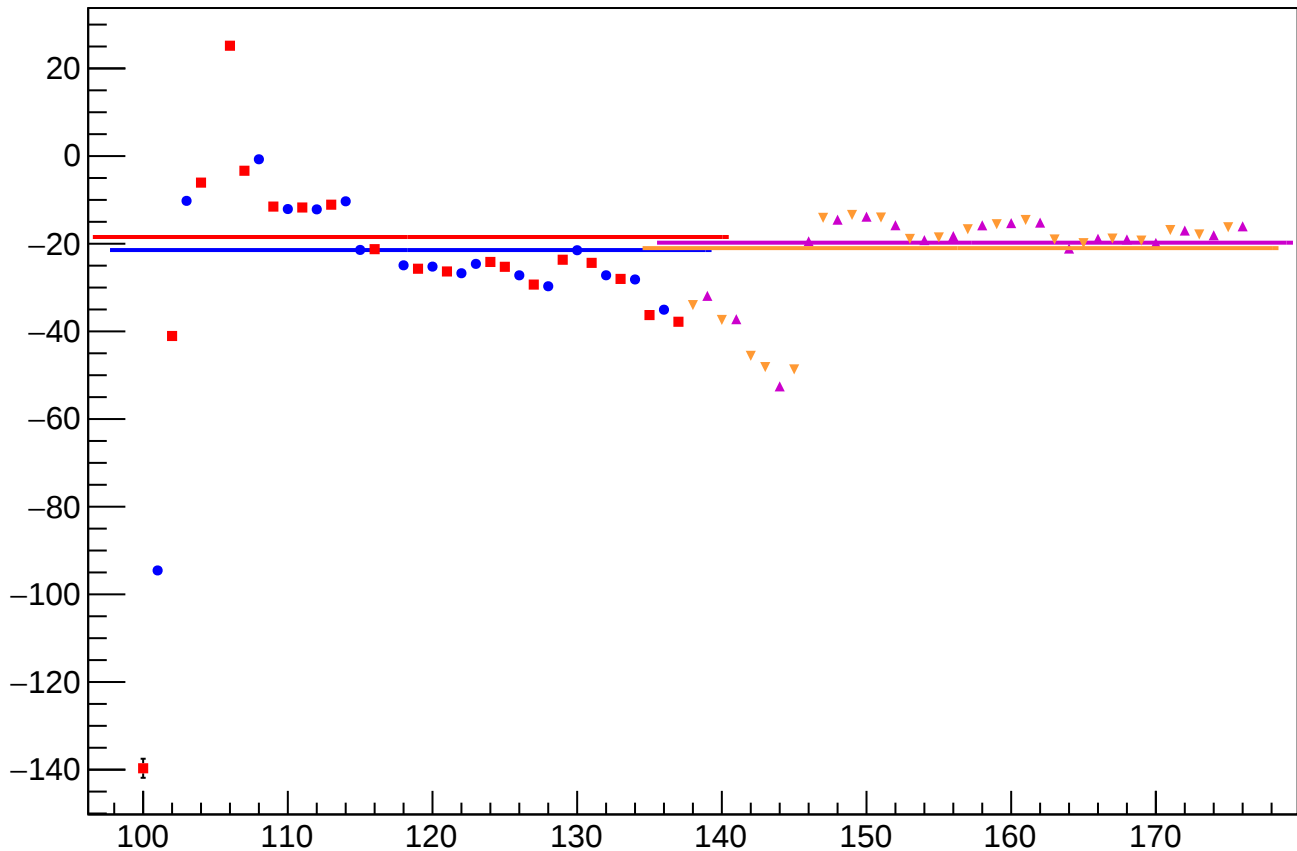
Left In: -16.141 ± 0.580 χ^2/NDF : 288.0/18

+ sign -19.941 ± 0.499 χ^2/NDF : 693.3/36

All: -20.495 ± 0.353 χ^2/NDF : 1555.4/74

- sign -21.053 ± 0.500 χ^2/NDF : 859.5/37

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.442 ± 0.059 $\chi^2/\text{NDF}: 48968.5/16$

Left Out: -21.002 ± 0.026 $\chi^2/\text{NDF}: 131978.0/19$

Right Out: -18.463 ± 0.057 $\chi^2/\text{NDF}: 80470.6/18$

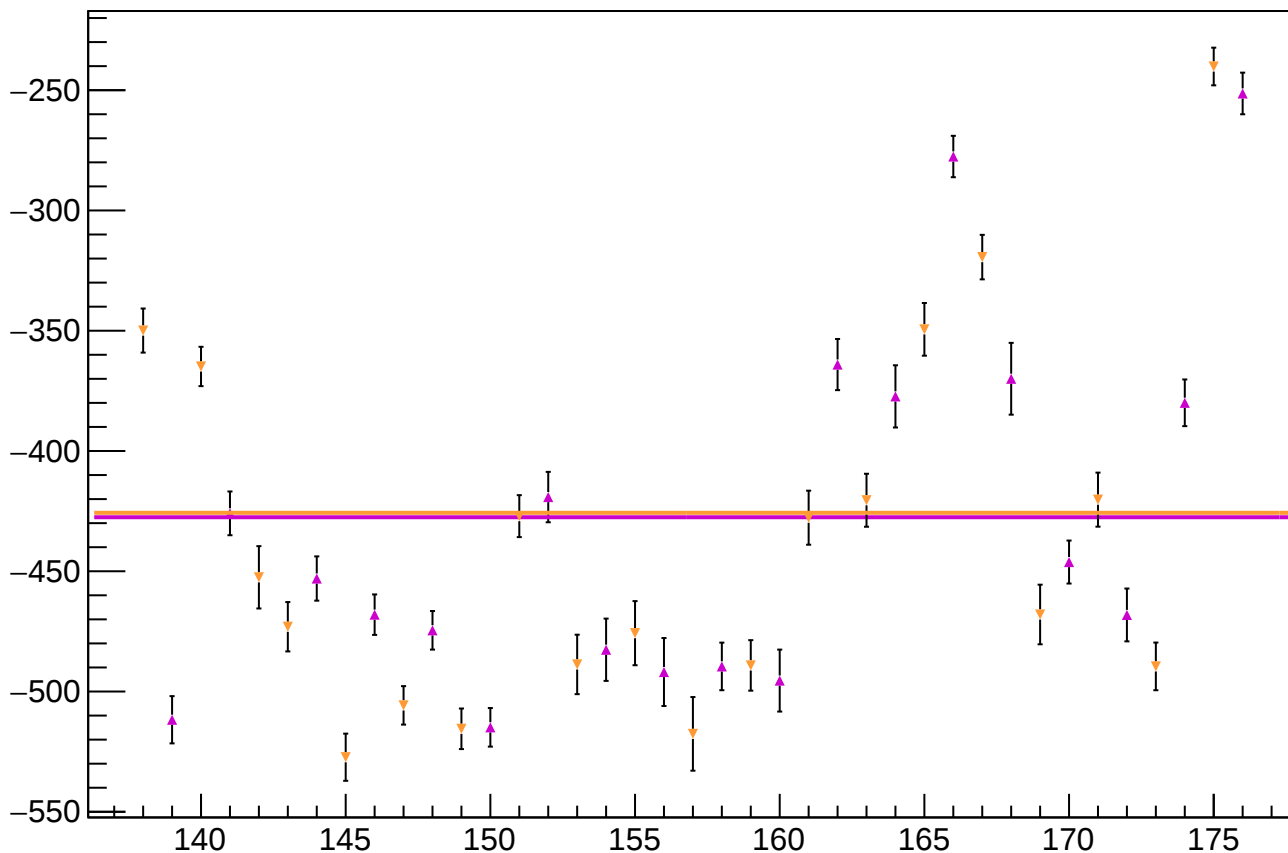
Left In: -19.760 ± 0.026 $\chi^2/\text{NDF}: 85968.7/18$

+ sign -21.076 ± 0.024 $\chi^2/\text{NDF}: 180992.9/36$

All: -20.296 ± 0.017 $\chi^2/\text{NDF}: 349919.2/74$

- sign -19.538 ± 0.024 $\chi^2/\text{NDF}: 166862.6/37$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -425.689+/-2.246 χ^2/NDF :1379.0/19

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

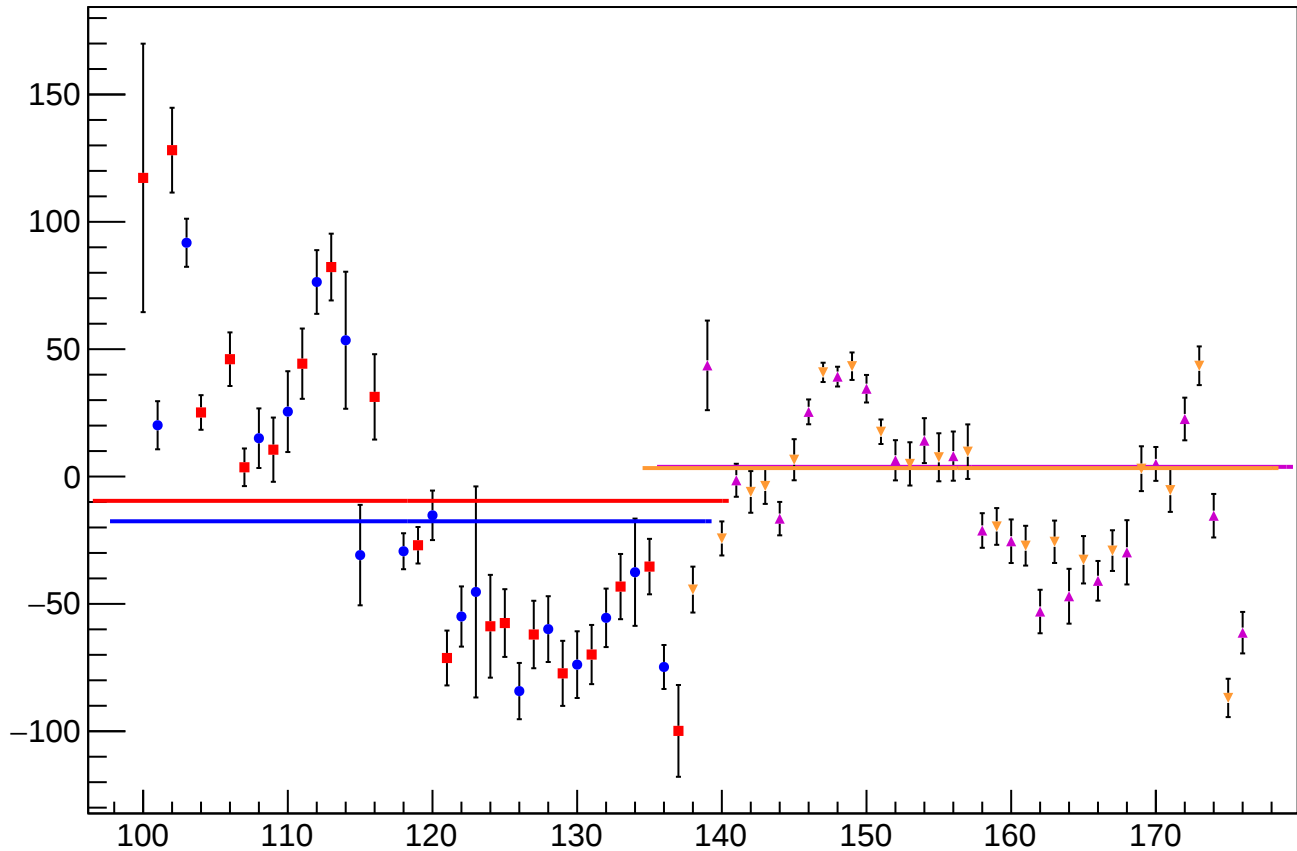
Left In: -427.543+/-2.274 χ^2/NDF :1189.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -426.605+/-1.598 χ^2/NDF : 2568.9/38

- 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: 3.318 ± 1.571 χ^2/NDF : 451.9/19

Right Out: -9.547 ± 2.609 χ^2/NDF : 370.3/18

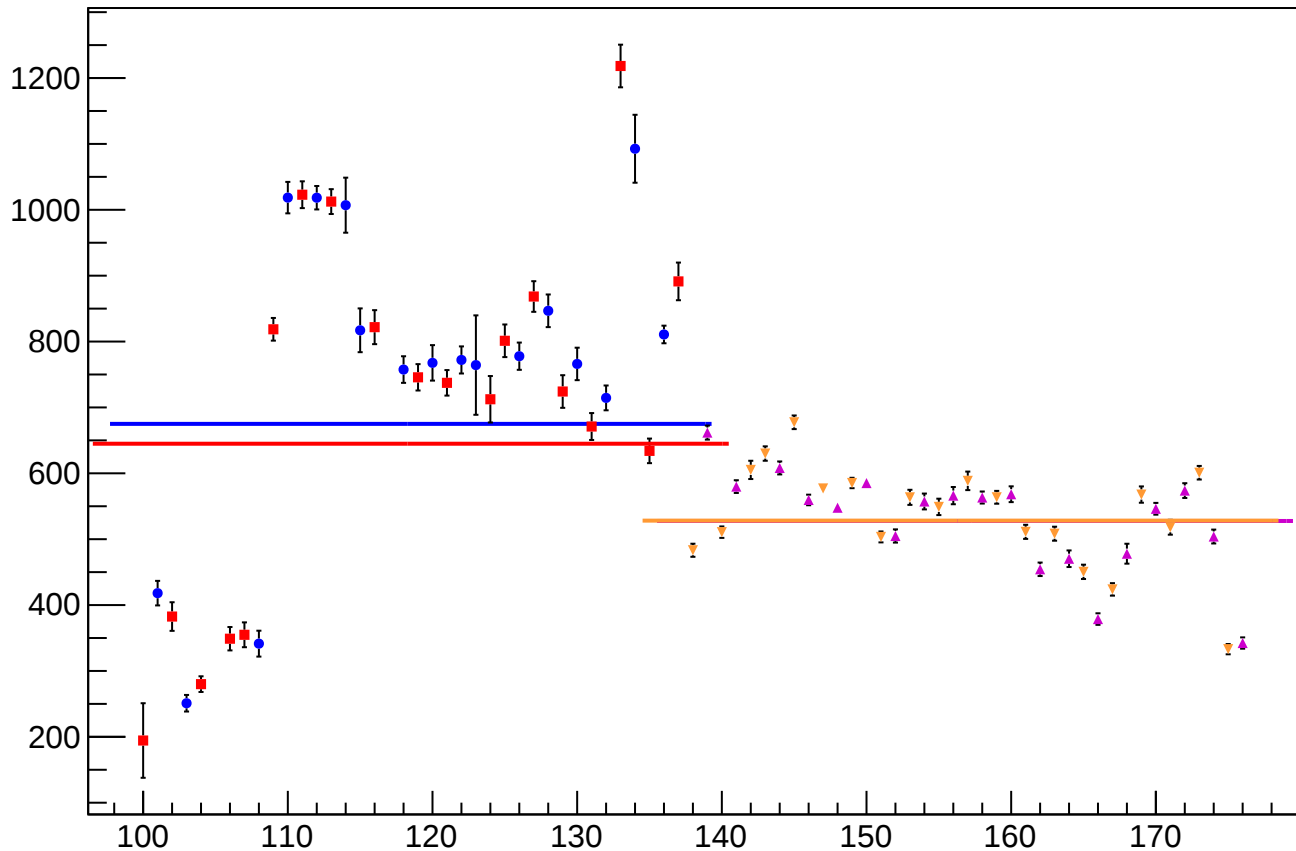
Left In: 3.803 ± 1.625 χ^2/NDF : 357.7/18

+ sign -1.629 ± 1.373 χ^2/NDF : 857.5/36

All: -0.784 ± 0.973 χ^2/NDF : 1605.0/74

- sign 0.069 ± 1.380 χ^2/NDF : 746.8/37

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.045 ± 5.067 $\chi^2/\text{NDF}: 2584.3/16$

Left Out: 528.172 ± 2.227 $\chi^2/\text{NDF}: 1360.8/19$

Right Out: 644.915 ± 4.761 $\chi^2/\text{NDF}: 3122.2/18$

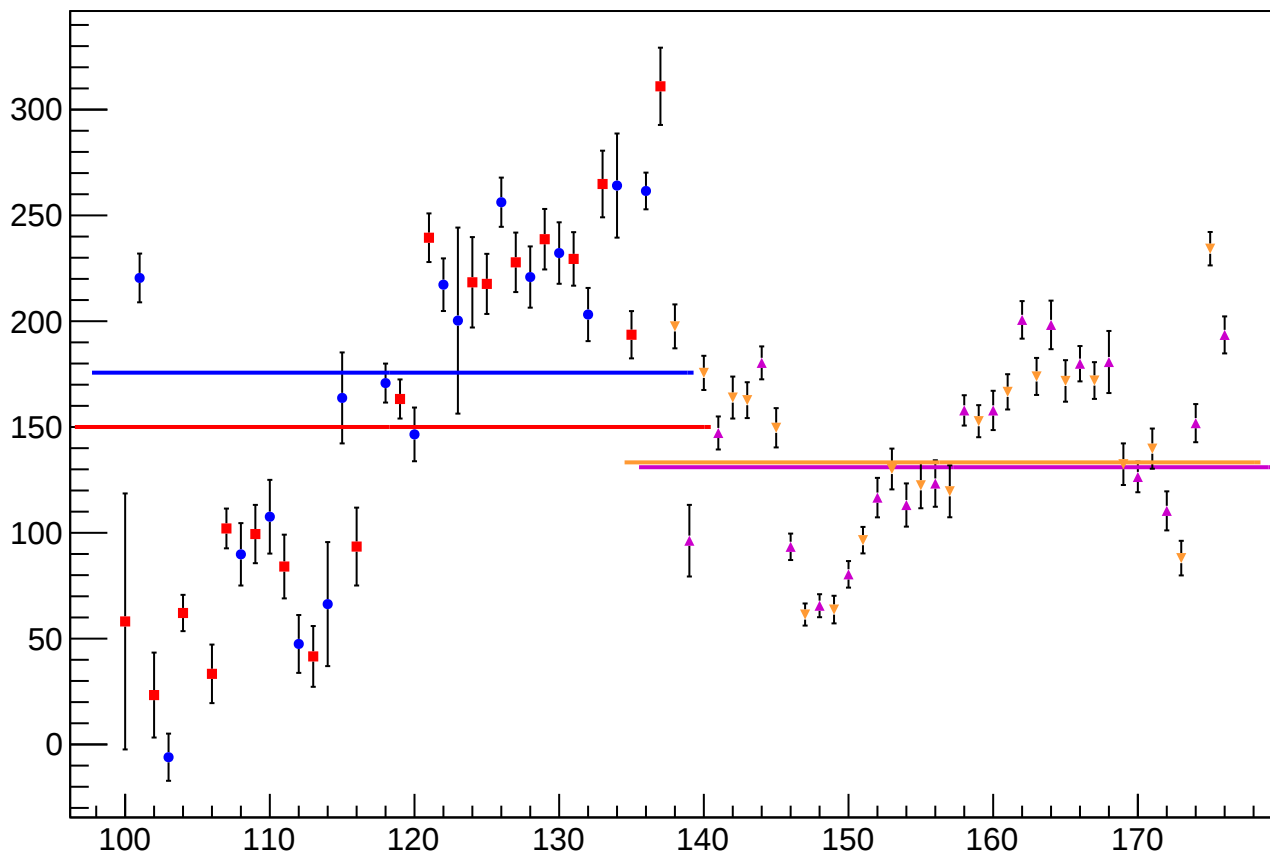
Left In: 527.650 ± 2.243 $\chi^2/\text{NDF}: 1248.6/18$

+ sign 551.942 ± 2.039 $\chi^2/\text{NDF}: 4649.2/36$

All: 550.439 ± 1.438 $\chi^2/\text{NDF}: 9517.5/74$

- sign 548.948 ± 2.029 $\chi^2/\text{NDF}: 4867.2/37$

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.686 $\pm$ 3.239 χ^2 /NDF: 637.9/16

Left Out: 133.291 $\pm$ 1.848 χ^2 /NDF: 703.9/19

Right Out: 150.017 $\pm$ 3.042 χ^2 /NDF: 693.8/18

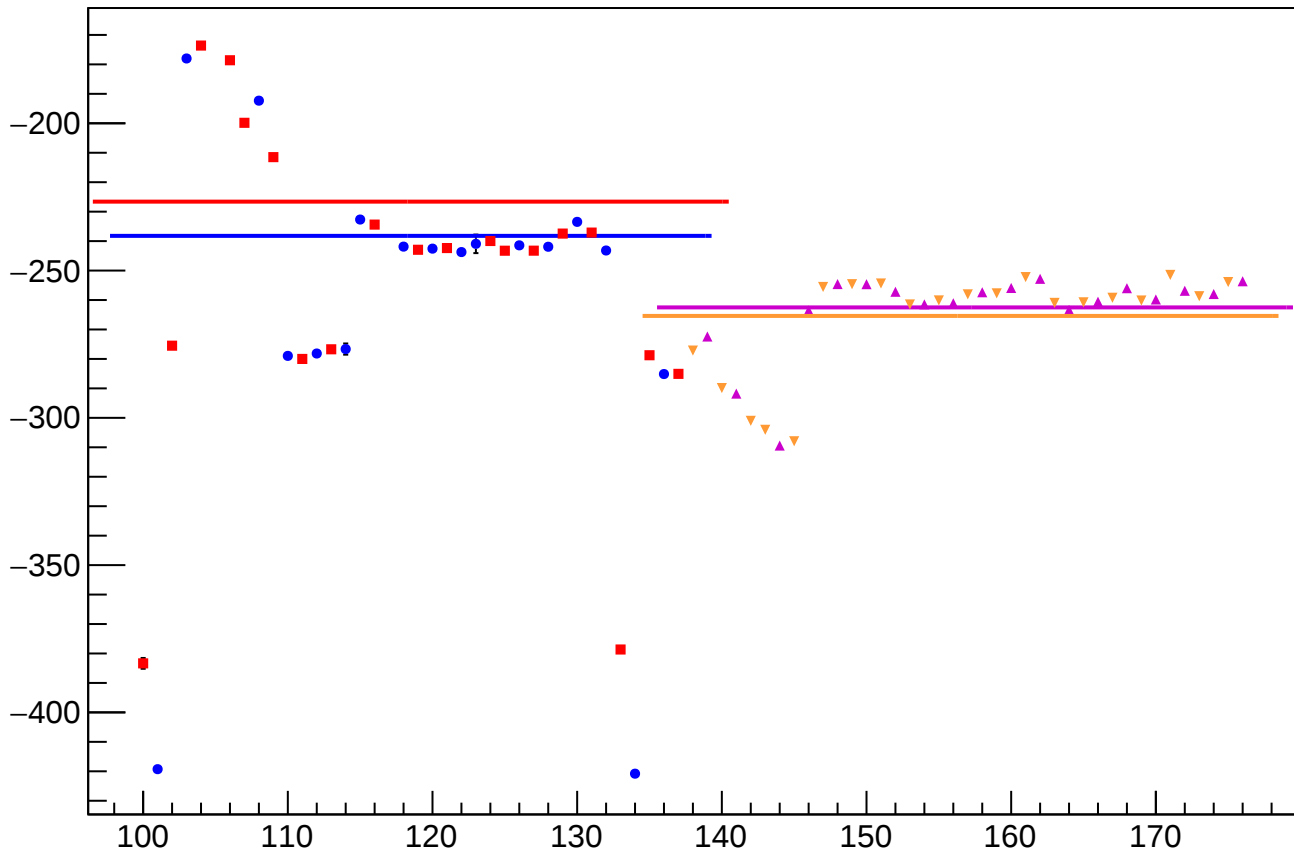
Left In: 131.000 $\pm$ 1.899 χ^2 /NDF: 527.0/18

+ sign 143.707 $\pm$ 1.605 χ^2 /NDF: 1471.1/36

All: 140.032 $\pm$ 1.137 χ^2 /NDF: 2730.5/74

- sign 136.332 $\pm$ 1.611 χ^2 /NDF: 1248.8/37

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.217 ± 0.160 $\chi^2/\text{NDF}: 167120.0/16$

Left Out: -265.399 ± 0.090 $\chi^2/\text{NDF}: 35501.0/19$

Right Out: -226.597 ± 0.151 $\chi^2/\text{NDF}: 102562.3/18$

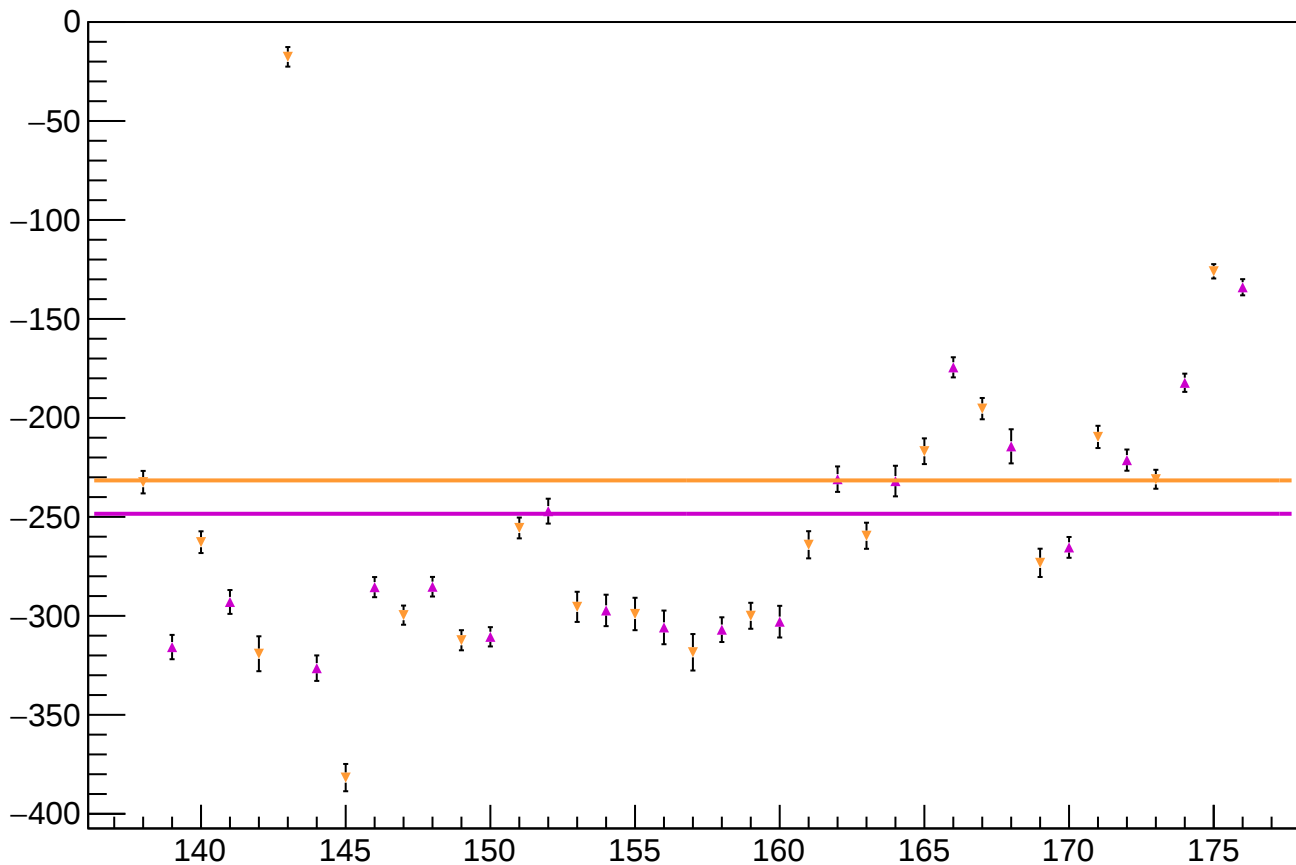
Left In: -262.508 ± 0.089 $\chi^2/\text{NDF}: 21712.4/18$

+ sign -258.935 ± 0.078 $\chi^2/\text{NDF}: 224494.3/36$

All: -256.035 ± 0.055 $\chi^2/\text{NDF}: 393300.0/74$

- sign -253.238 ± 0.077 $\chi^2/\text{NDF}: 166107.3/37$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -231.576 $\pm$ 1.294 χ^2 /NDF: 4274.0/19

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

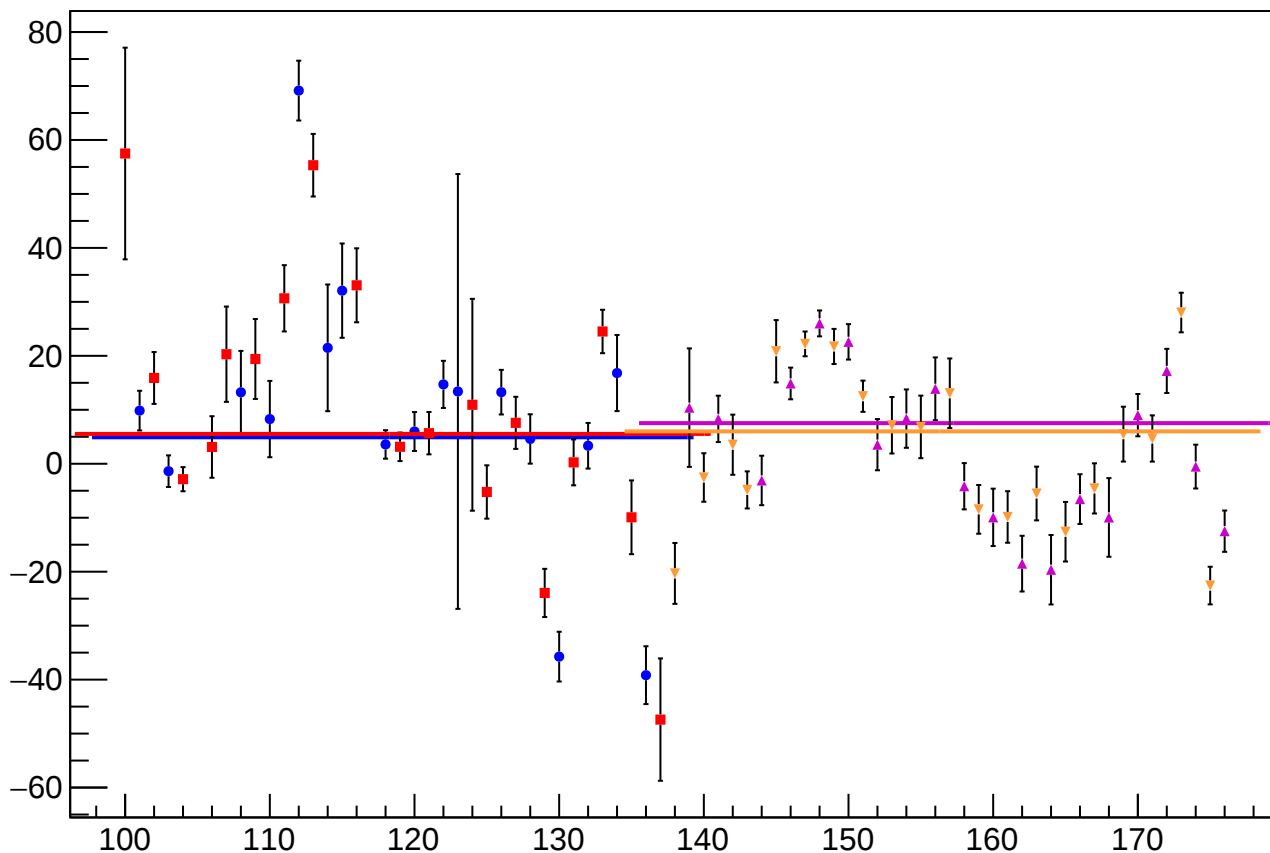
Left In: -248.427 $\pm$ 1.328 χ^2 /NDF: 2076.2/18

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

All: -239.783 $\pm$ 0.927 χ^2 /NDF: 6432.8/38

- sign 0.000 $\pm$ 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: 6.000 ± 0.919 χ^2/NDF : 268.2/19

Right Out: 5.530 ± 1.069 χ^2/NDF : 238.9/18

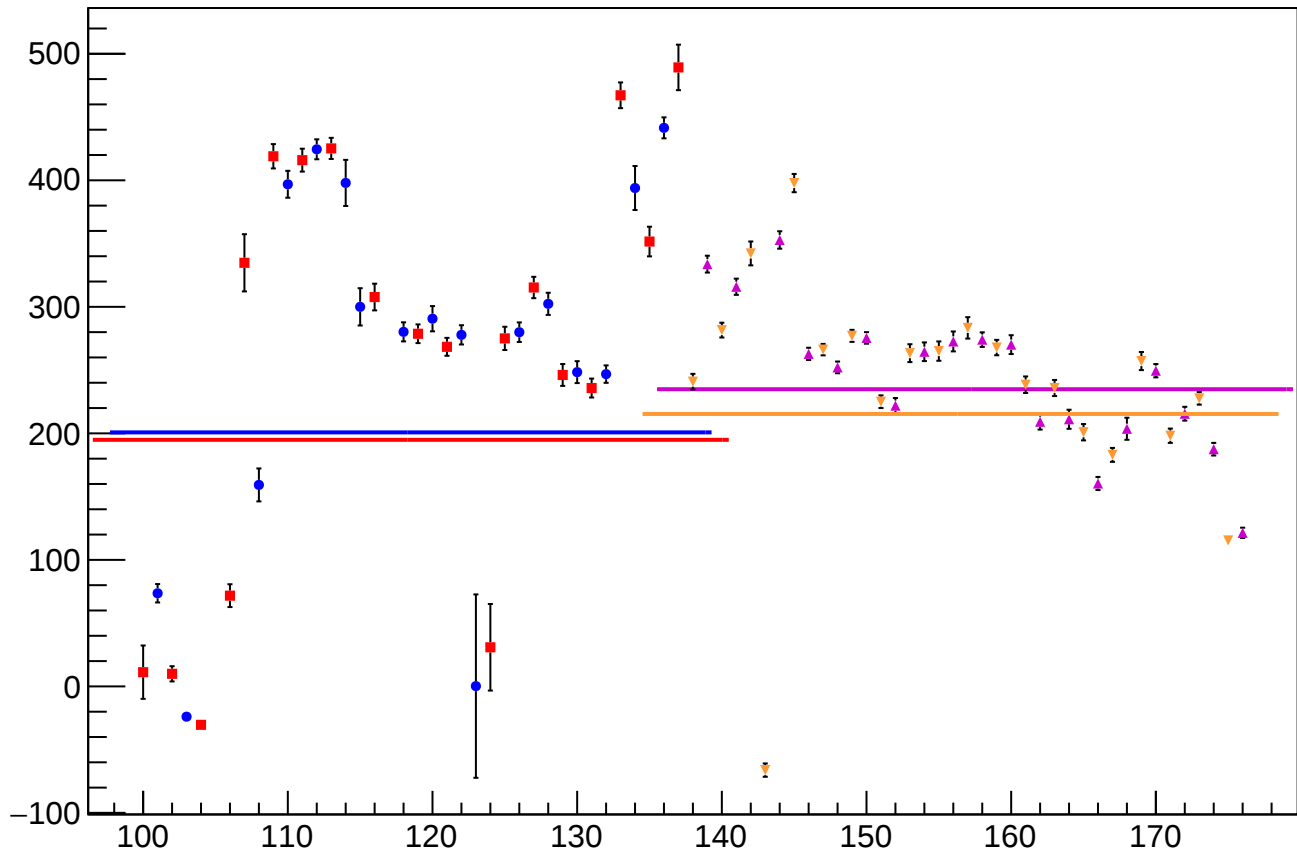
Left In: 7.528 ± 0.966 χ^2/NDF : 207.5/18

+ sign 5.552 ± 0.707 χ^2/NDF : 580.4/36

All: 6.083 ± 0.503 χ^2/NDF : 1029.9/74

- sign 6.629 ± 0.717 χ^2/NDF : 448.3/37

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 200.773 ± 1.983 $\chi^2/\text{NDF}: 6733.0/16$

Left Out: 215.336 ± 1.285 $\chi^2/\text{NDF}: 5209.1/19$

Right Out: 194.892 ± 1.924 $\chi^2/\text{NDF}: 8247.1/18$

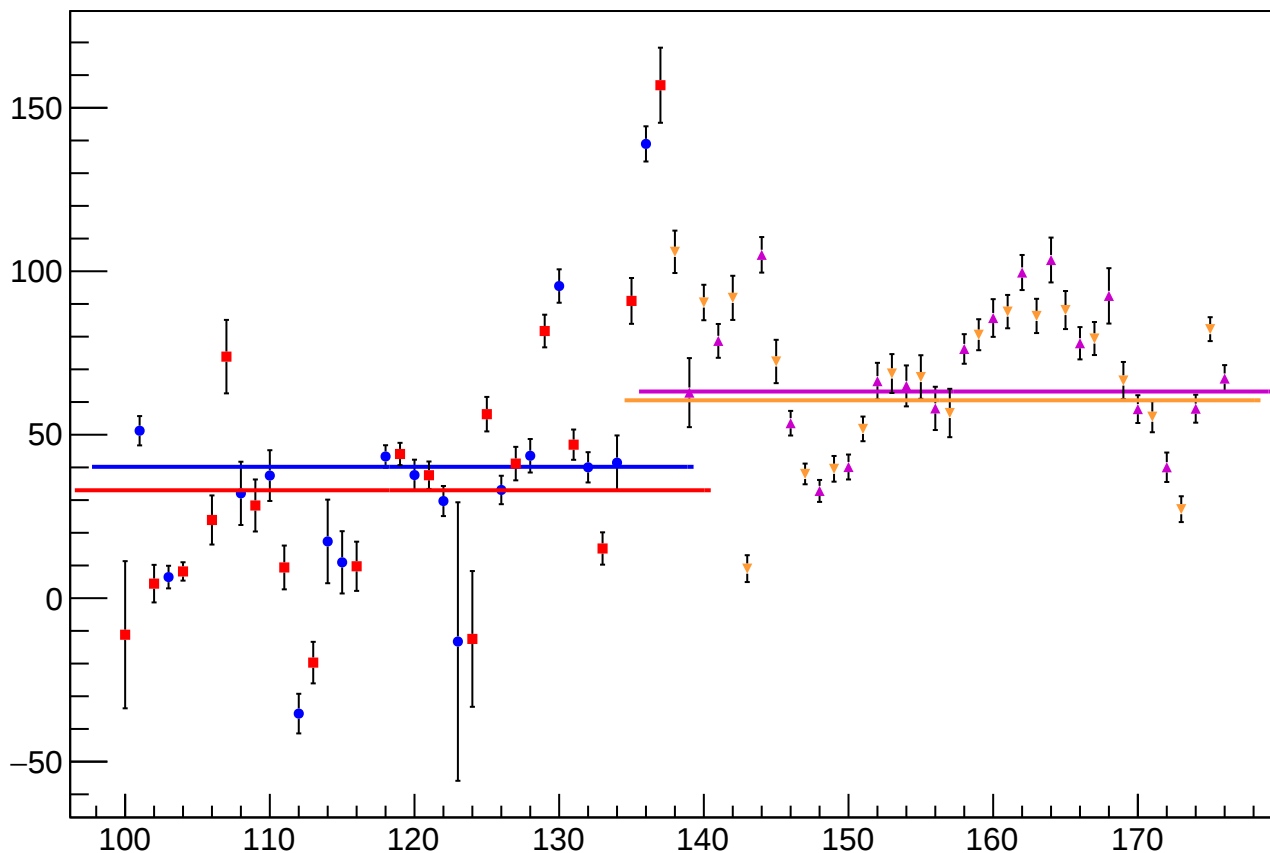
Left In: 234.881 ± 1.313 $\chi^2/\text{NDF}: 2055.9/18$

+ sign 211.029 ± 1.078 $\chi^2/\text{NDF}: 11980.0/36$

All: 216.568 ± 0.765 $\chi^2/\text{NDF}: 22630.8/74$

- sign 222.170 ± 1.085 $\chi^2/\text{NDF}: 10597.8/37$

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.185 $\pm$ 1.283 χ^2 /NDF: 734.6/16

Left Out: 60.528 $\pm$ 1.074 χ^2 /NDF: 564.8/19

Right Out: 33.006 $\pm$ 1.250 χ^2 /NDF: 552.7/18

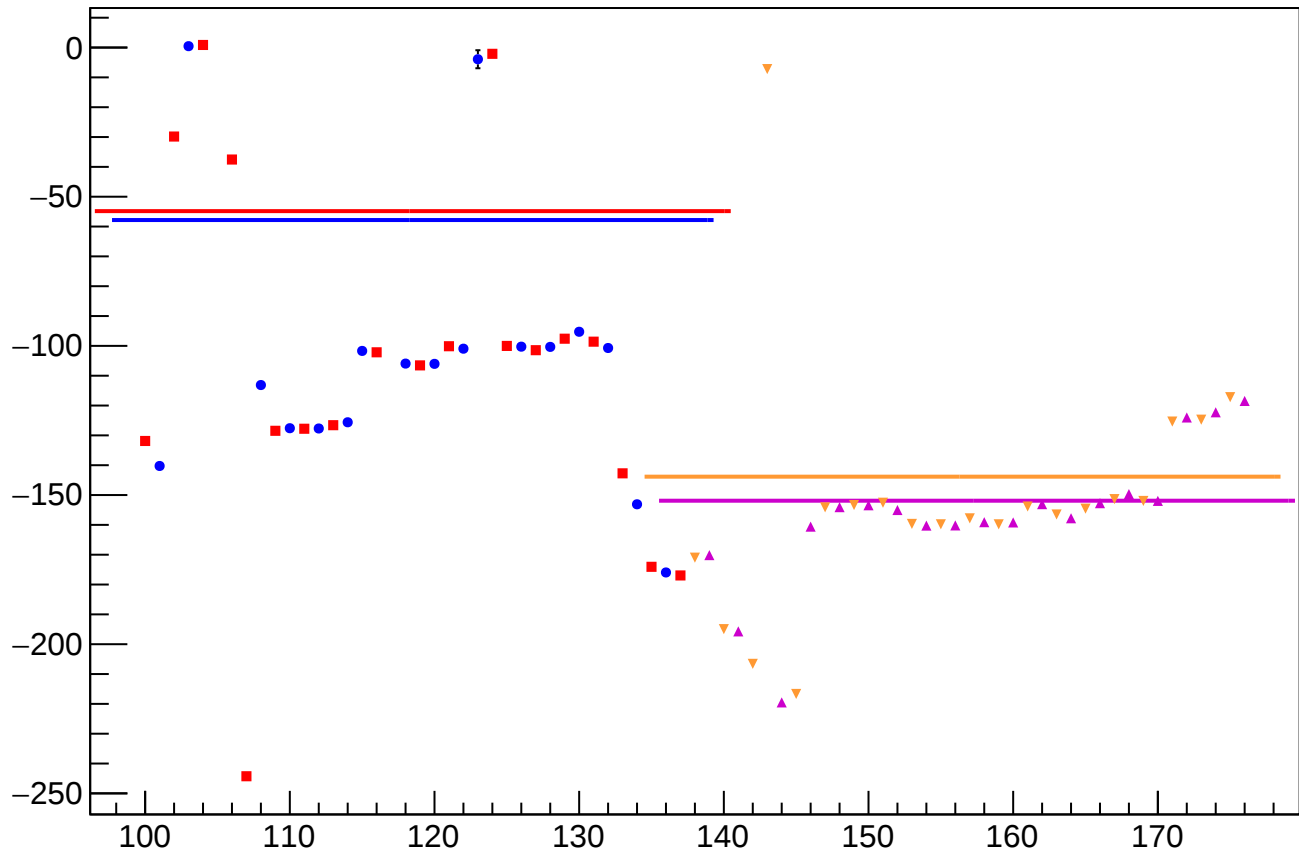
Left In: 63.218 $\pm$ 1.121 χ^2 /NDF: 349.6/18

+ sign 52.152 $\pm$ 0.823 χ^2 /NDF: 1447.2/36

All: 50.972 $\pm$ 0.586 χ^2 /NDF: 2677.4/74

- sign 49.761 $\pm$ 0.834 χ^2 /NDF: 1226.1/37

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -57.821 $\pm$ 0.062 χ^2 /NDF: 1101296.2/16

Left Out: -143.840 $\pm$ 0.052 χ^2 /NDF: 635140.0/19

Right Out: -54.833 $\pm$ 0.060 χ^2 /NDF: 1000741.7/18

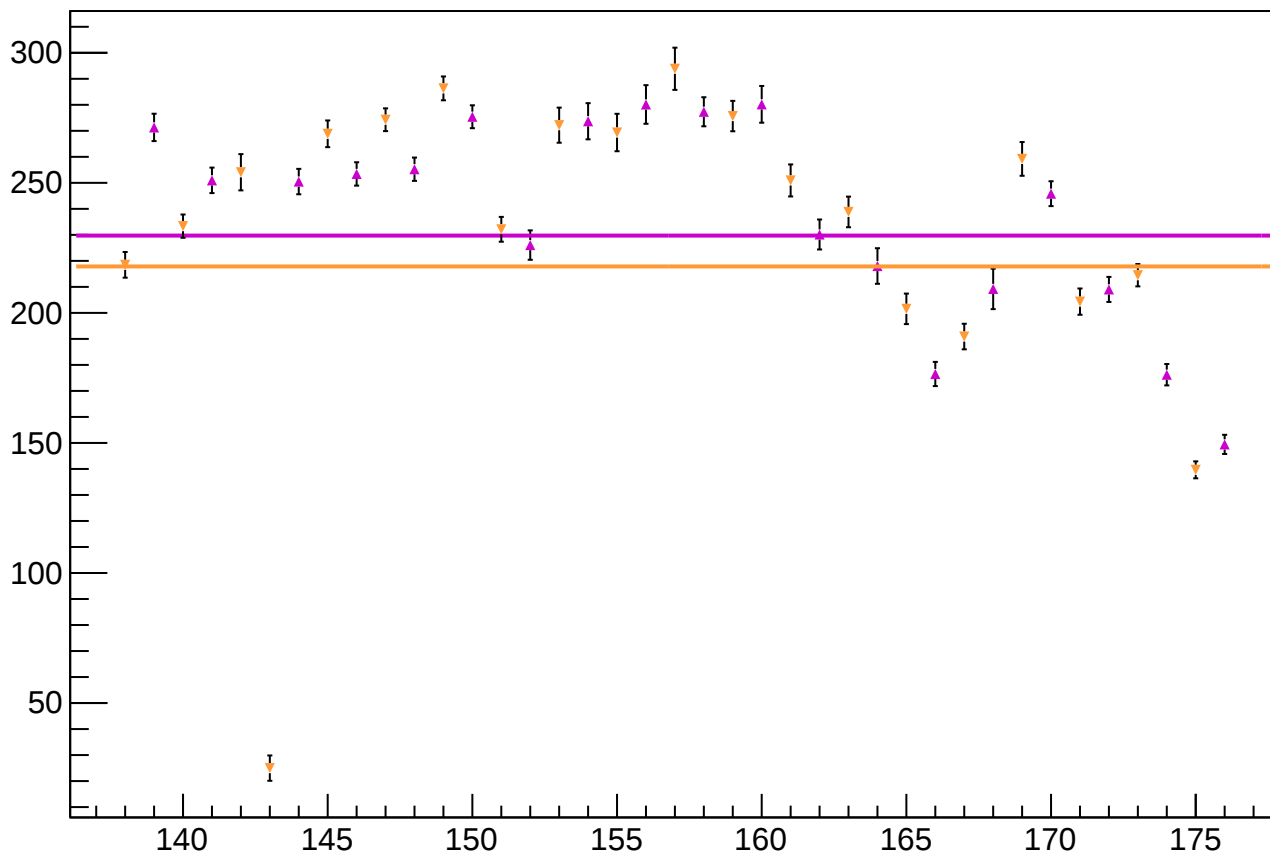
Left In: -151.900 $\pm$ 0.052 χ^2 /NDF: 171465.4/18

+ sign -108.294 $\pm$ 0.040 χ^2 /NDF: 2873636.0/36

All: -109.306 $\pm$ 0.028 χ^2 /NDF: 5531255.8/74

- sign -110.303 $\pm$ 0.039 χ^2 /NDF: 2656330.6/37

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 217.861+/-1.149 χ^2/NDF : 3109.3/19

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

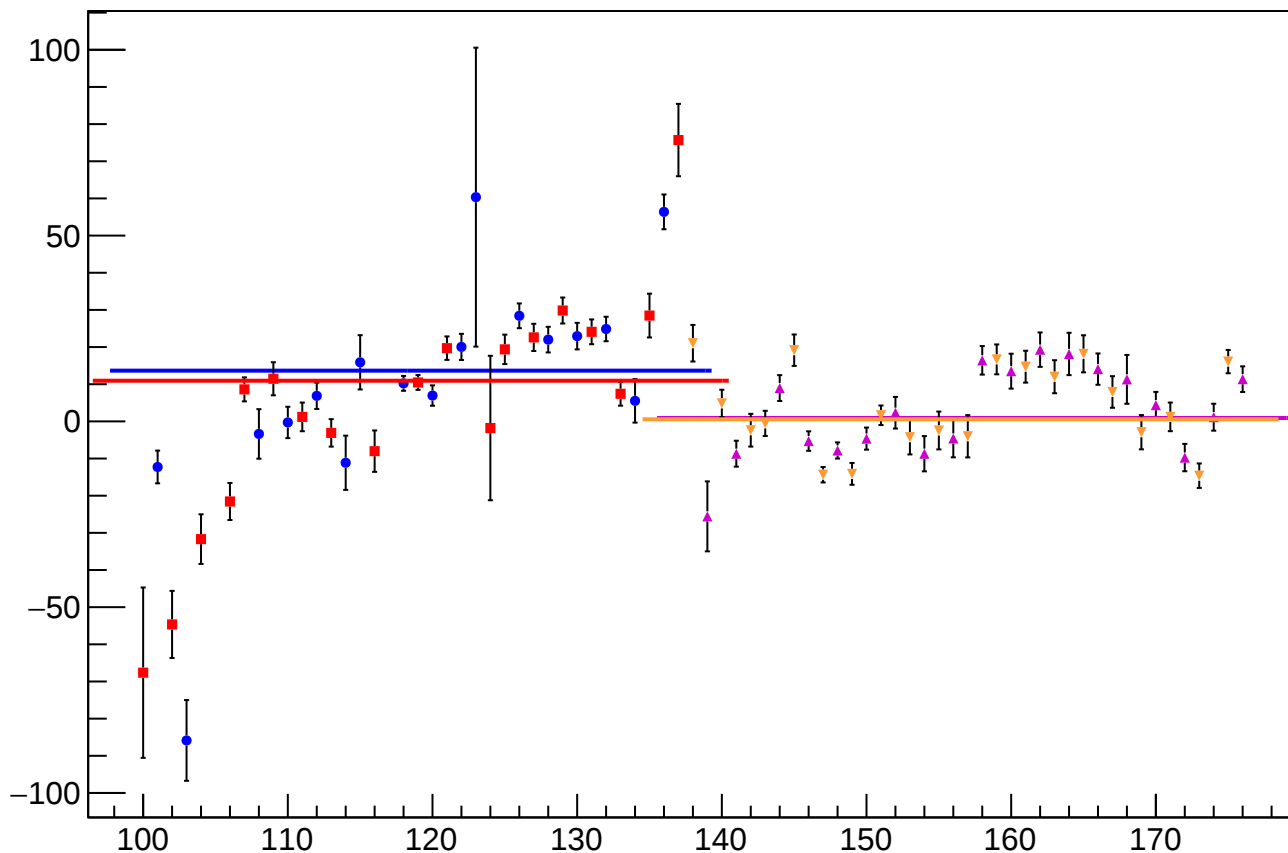
Left In: 229.726+/-1.173 χ^2/NDF : 1292.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.671+/-0.821 χ^2/NDF : 4454.4/38

- 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: 0.555 ± 0.819 χ^2/NDF : 212.8/19

Right Out: 10.944 ± 0.913 χ^2/NDF : 302.5/18

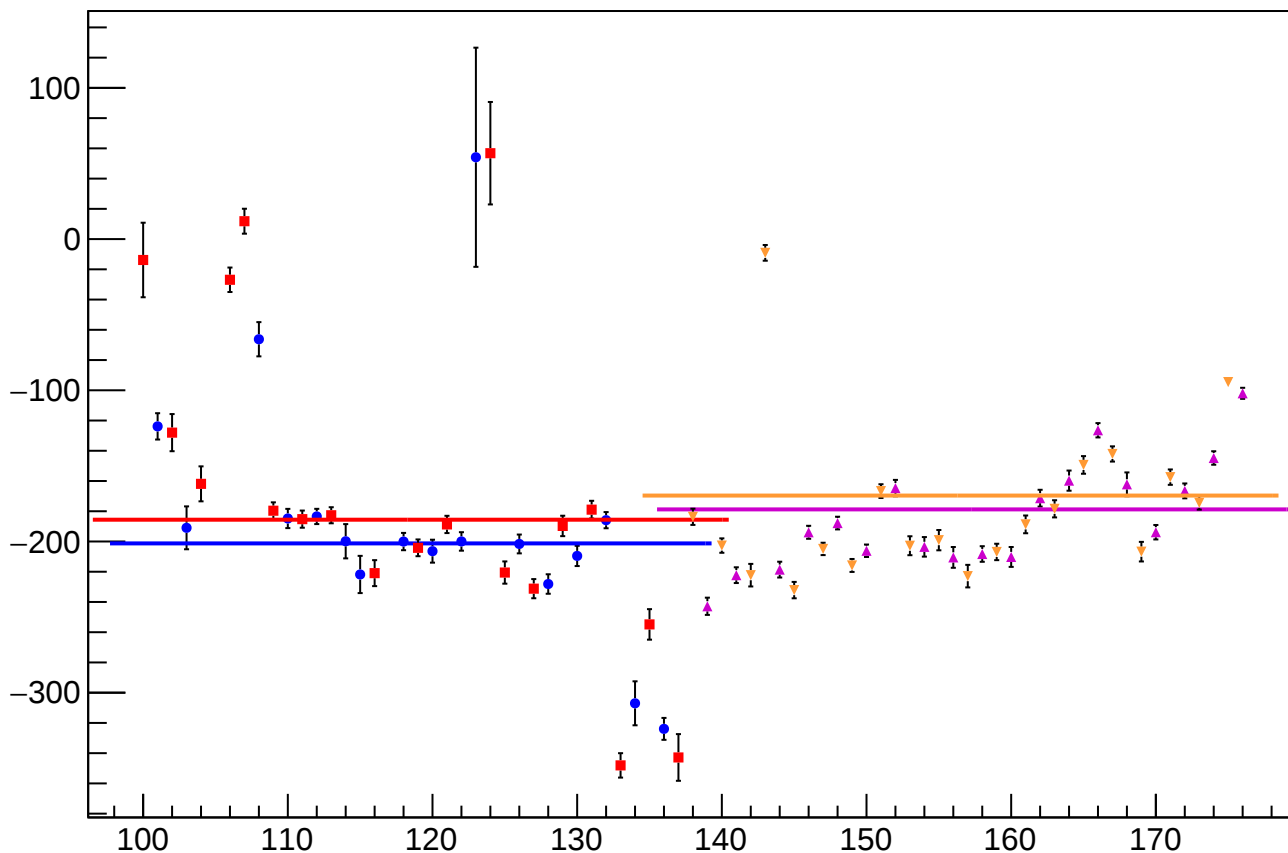
Left In: 0.915 ± 0.855 χ^2/NDF : 130.8/18

+ sign 6.236 ± 0.617 χ^2/NDF : 617.6/36

All: 5.922 ± 0.439 χ^2/NDF : 1115.8/74

- sign 5.599 ± 0.624 χ^2/NDF : 497.6/37

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.266 ± 1.795 χ^2/NDF : 623.4/16

Left Out: -169.627 ± 1.143 χ^2/NDF : 2154.5/19

Right Out: -185.593 ± 1.699 χ^2/NDF : 1746.0/18

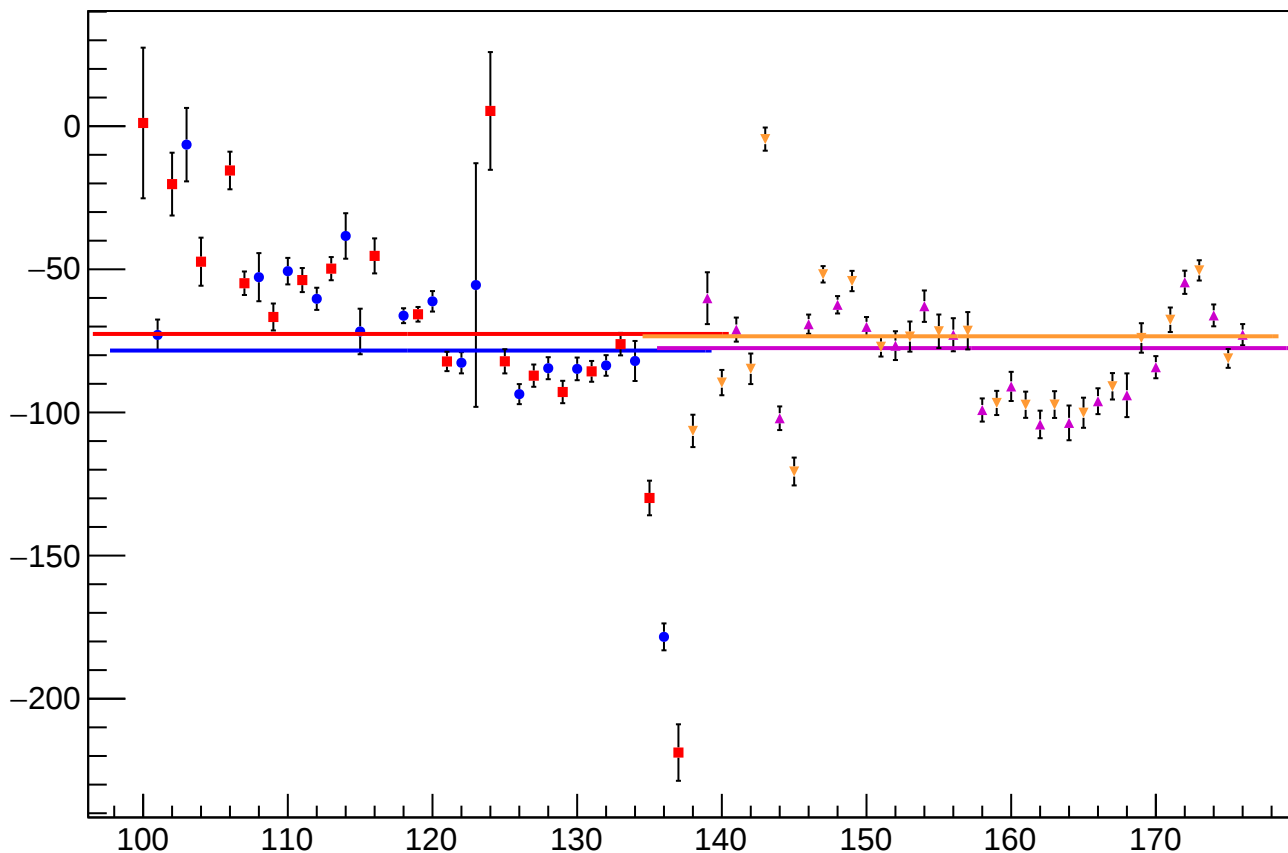
Left In: -178.776 ± 1.162 χ^2/NDF : 1068.2/18

+ sign -178.748 ± 0.964 χ^2/NDF : 2999.0/36

All: -179.853 ± 0.680 χ^2/NDF : 5826.8/74

- sign -180.948 ± 0.959 χ^2/NDF : 2825.2/37

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -78.376 $\pm$ 1.081 χ^2/NDF : 651.4/16

Left Out: -73.395 $\pm$ 0.956 χ^2/NDF : 697.8/19

Right Out: -72.577 $\pm$ 1.052 χ^2/NDF : 605.8/18

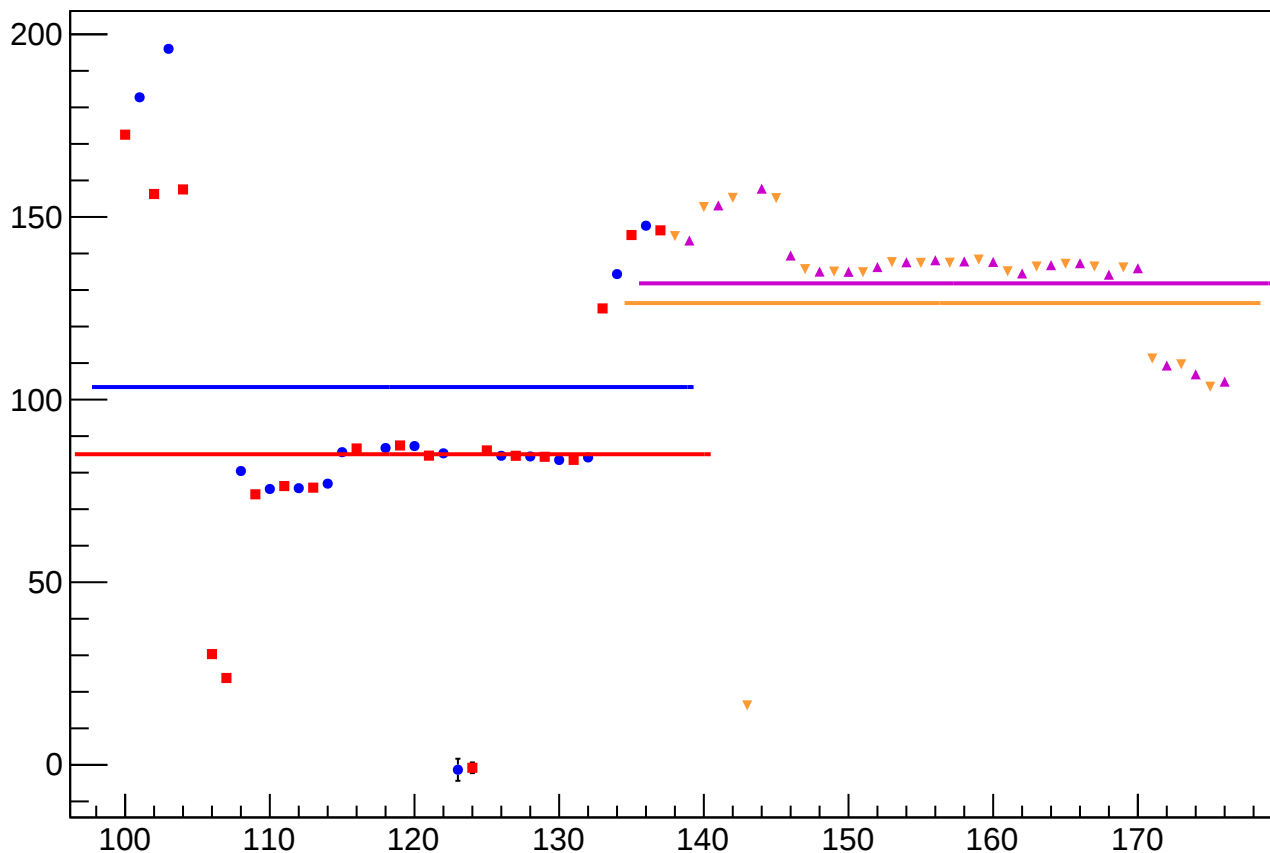
Left In: -77.527 $\pm$ 0.992 χ^2/NDF : 236.7/18

+ sign -75.581 $\pm$ 0.716 χ^2/NDF : 1361.1/36

All: -75.390 $\pm$ 0.508 χ^2/NDF : 2215.5/74

- sign -75.197 $\pm$ 0.721 χ^2/NDF : 854.2/37

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.436 $\pm$ 0.071 χ^2 /NDF: 272785.6/16

Left Out: 126.422 $\pm$ 0.046 χ^2 /NDF: 396290.9/19

Right Out: 85.043 $\pm$ 0.064 χ^2 /NDF: 422343.0/18

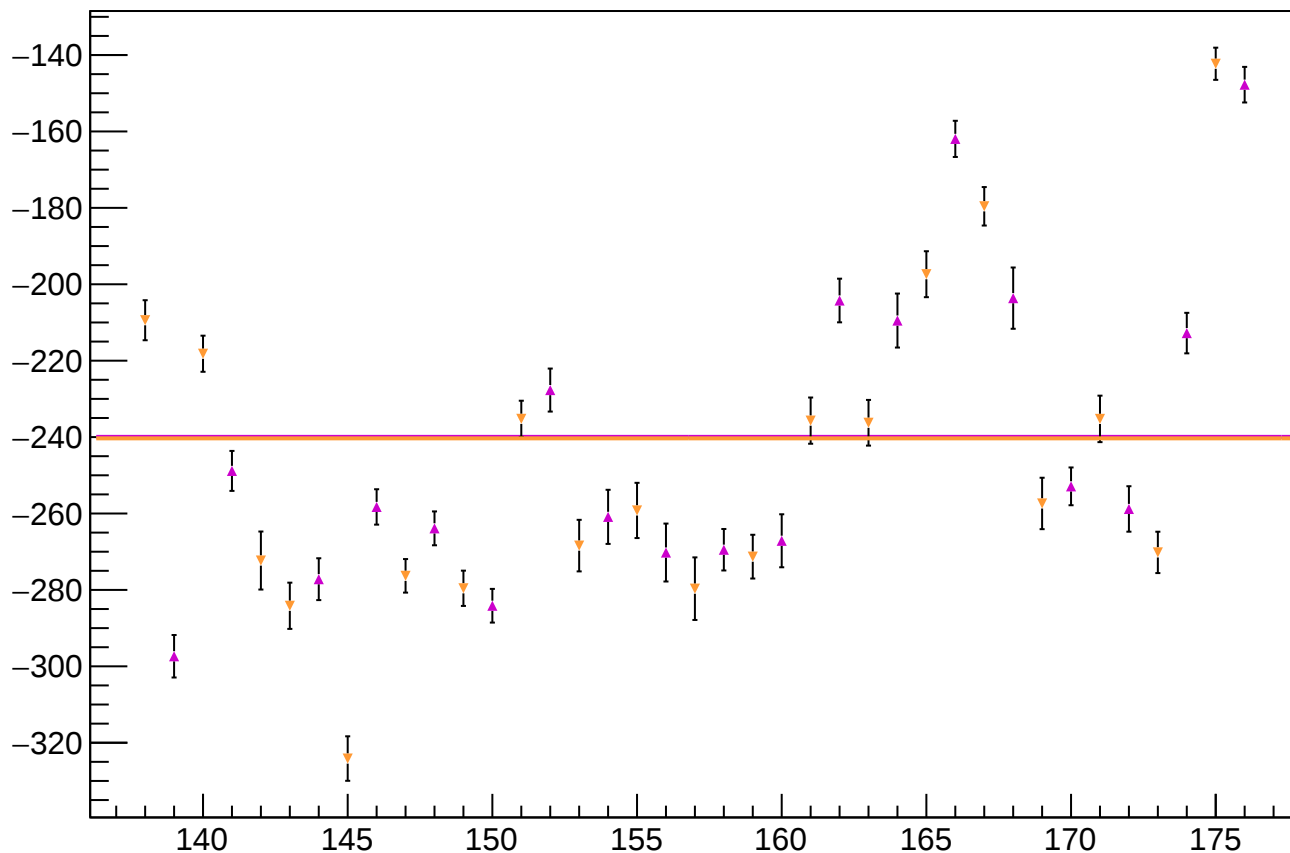
Left In: 131.825 $\pm$ 0.046 χ^2 /NDF: 100829.6/18

+ sign 119.597 $\pm$ 0.039 χ^2 /NDF: 743021.8/36

All: 117.604 $\pm$ 0.027 χ^2 /NDF: 1624796.6/74

- sign 115.738 $\pm$ 0.037 χ^2 /NDF: 876617.7/37

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -240.329+/-1.243 χ^2/NDF :1328.0/19

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

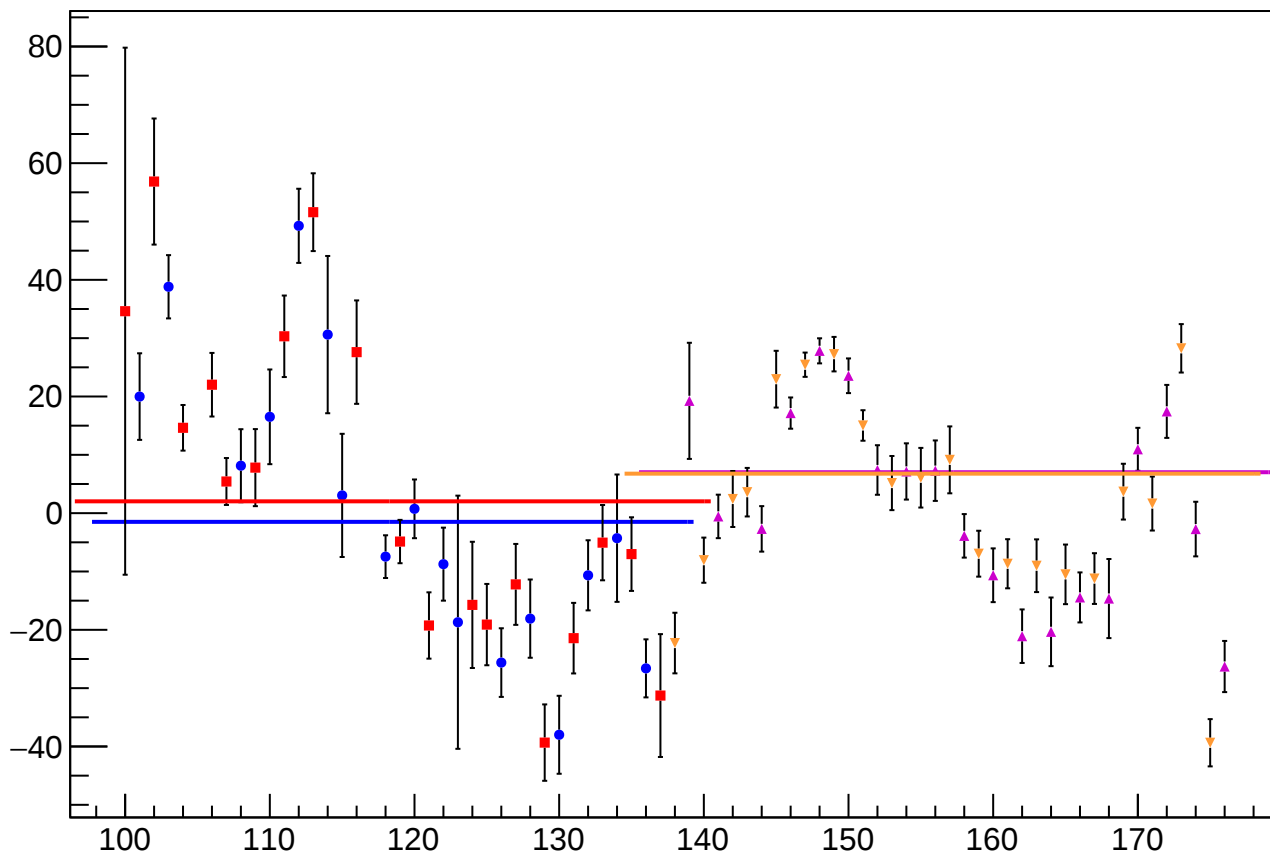
Left In: -239.942+/-1.254 χ^2/NDF :1159.7/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.137+/-0.883 χ^2/NDF : 2487.8/38

- 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 χ^2/NDF : 226.0/16

Left Out: 6.772 ± 0.869 χ^2/NDF : 421.8/19

Right Out: 2.028 ± 1.400 χ^2/NDF : 233.3/18

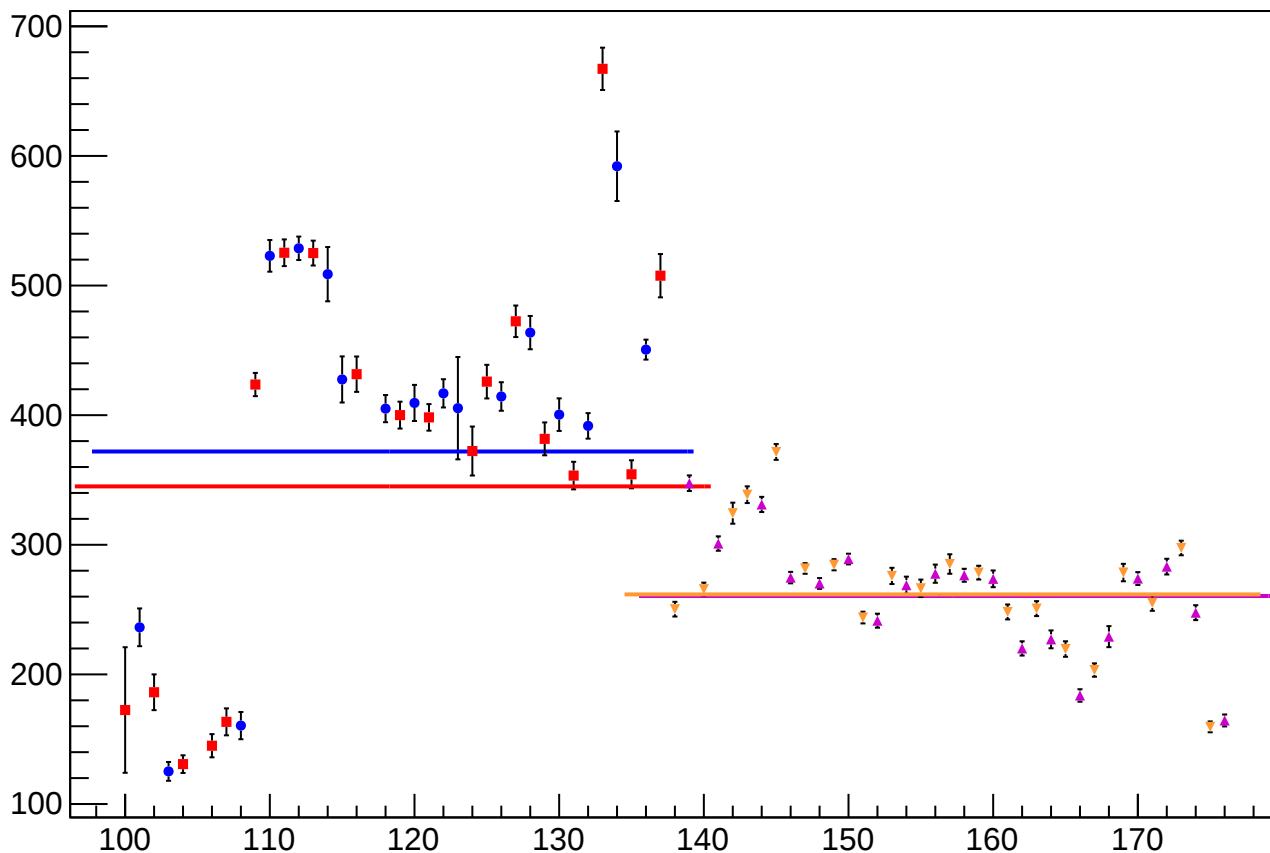
Left In: 7.019 ± 0.897 χ^2/NDF : 336.9/18

+ sign 4.769 ± 0.756 χ^2/NDF : 669.6/36

All: 5.168 ± 0.534 χ^2/NDF : 1249.4/74

- sign 5.566 ± 0.755 χ^2/NDF : 579.2/37

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.975 $\pm$ 2.778 χ^2 /NDF: 2432.6/16

Left Out: 261.710 $\pm$ 1.229 χ^2 /NDF:1448.1/19

Right Out: 345.043 $\pm$ 2.562 χ^2 /NDF: 3415.2/18

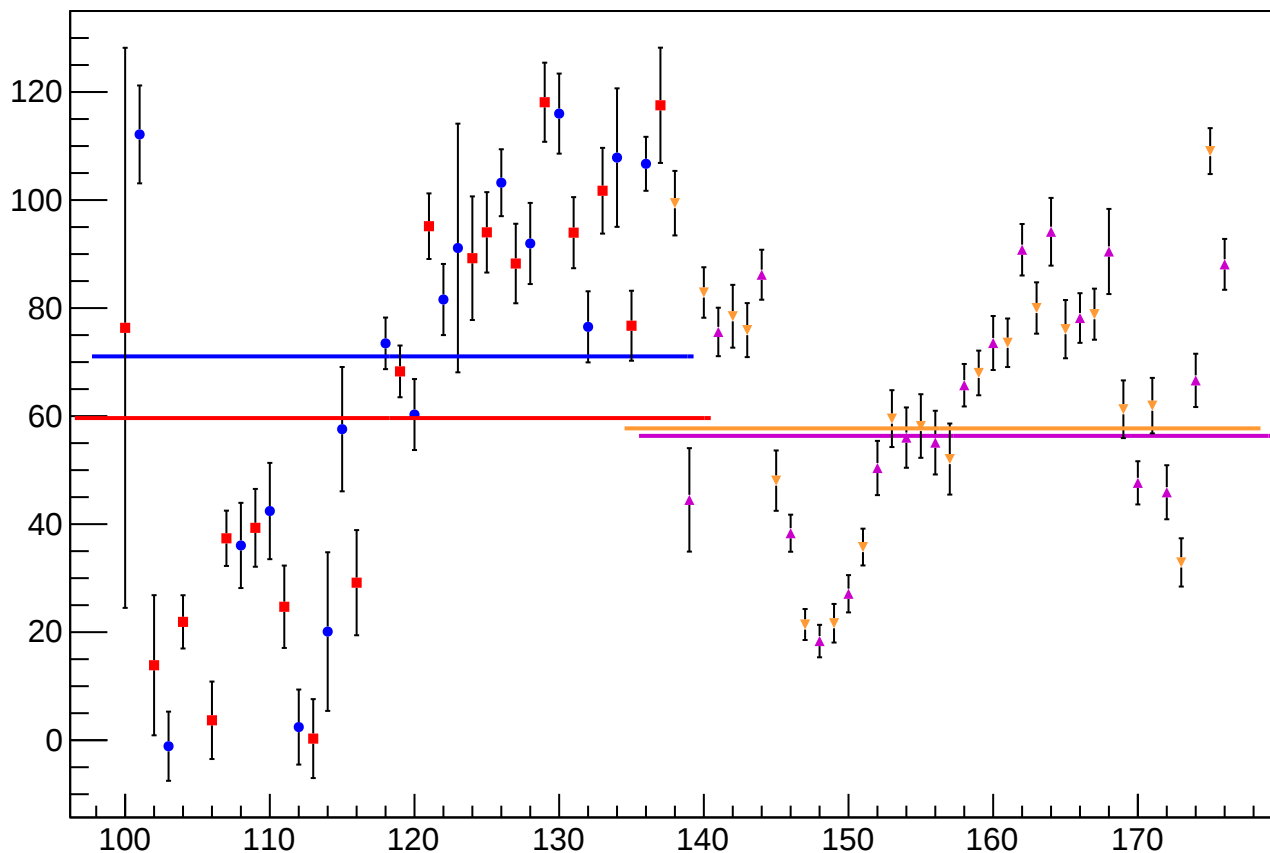
Left In: 260.497 $\pm$ 1.235 χ^2 /NDF:1310.8/18

+ sign 279.771 $\pm$ 1.124 χ^2 /NDF: 5198.4/36

All: 278.084 $\pm$ 0.791 χ^2 /NDF: 10812.5/74

- sign 276.432 $\pm$ 1.112 χ^2 /NDF: 5609.7/37

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 71.056 $\pm$ 1.764 χ^2 /NDF: 426.2/16

Left Out: 57.730 $\pm$ 1.021 χ^2 /NDF: 661.0/19

Right Out: 59.637 $\pm$ 1.631 χ^2 /NDF: 491.6/18

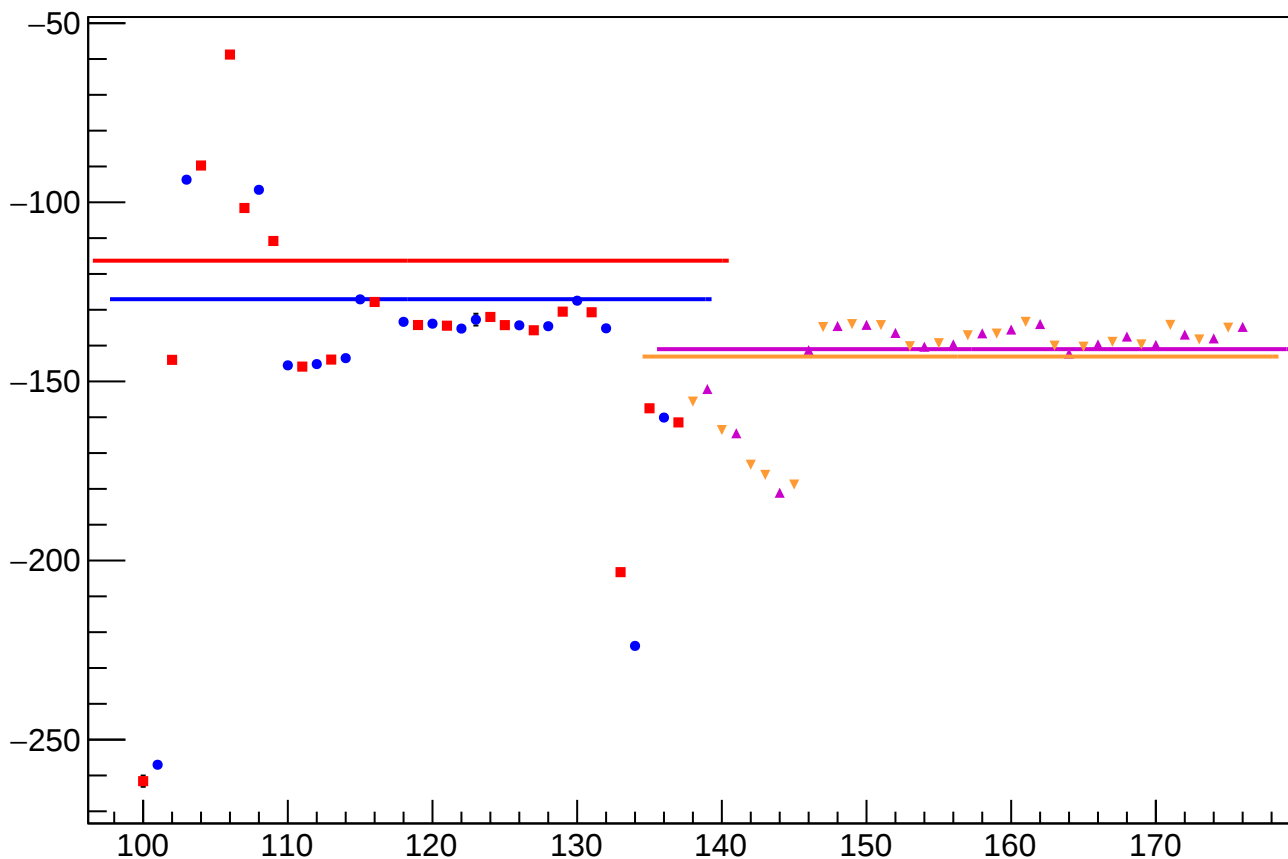
Left In: 56.342 $\pm$ 1.046 χ^2 /NDF: 528.2/18

+ sign 61.074 $\pm$ 0.884 χ^2 /NDF: 1130.0/36

All: 59.182 $\pm$ 0.624 χ^2 /NDF: 2161.9/74

- sign 57.302 $\pm$ 0.881 χ^2 /NDF: 1022.7/37

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.049 $\pm$ 0.090 χ^2 /NDF: 167014.4/16

Left Out: -143.058 $\pm$ 0.049 χ^2 /NDF: 73367.2/19

Right Out: -116.295 $\pm$ 0.083 χ^2 /NDF: 167109.1/18

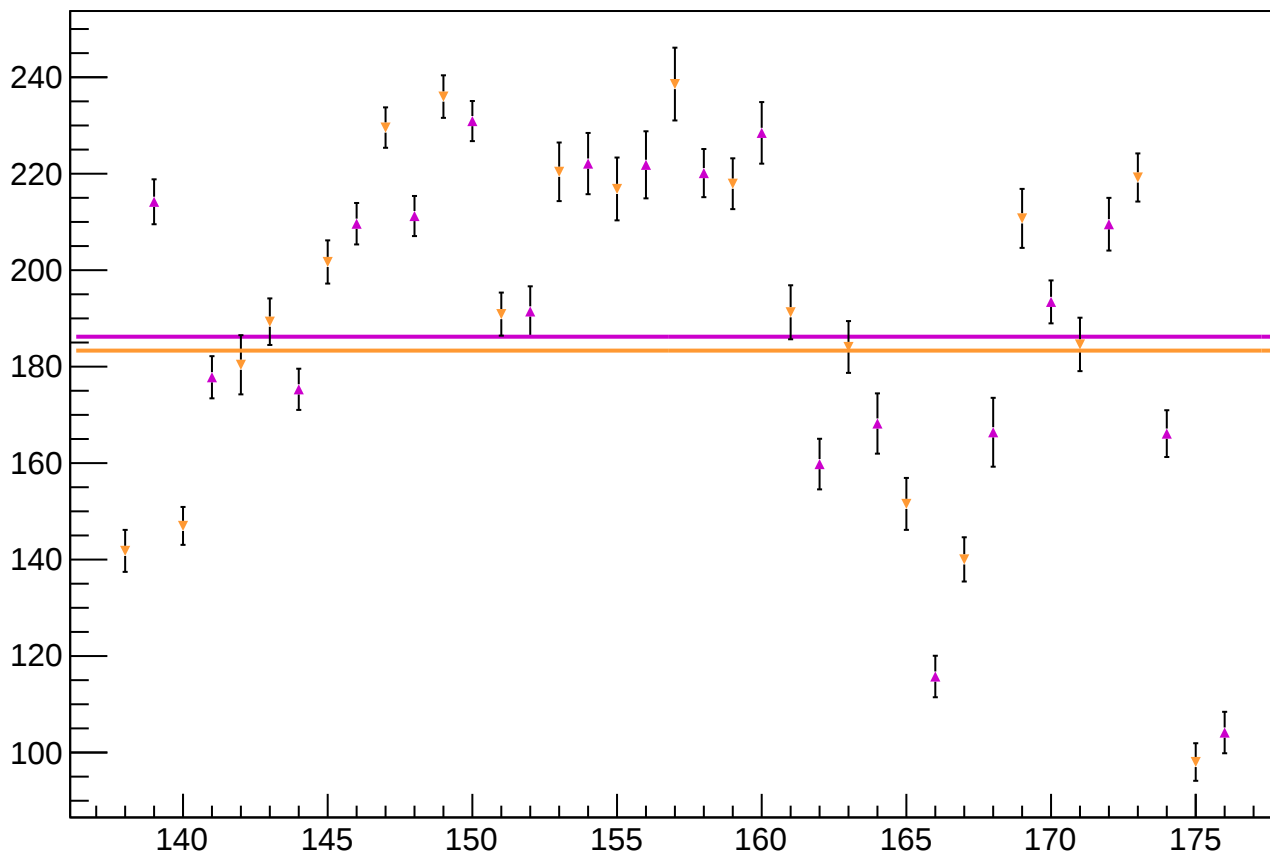
Left In: -140.992 $\pm$ 0.049 χ^2 /NDF: 45253.2/18

+ sign -139.332 $\pm$ 0.043 χ^2 /NDF: 264779.6/36

All: -136.904 $\pm$ 0.030 χ^2 /NDF: 548905.6/74

- sign -134.596 $\pm$ 0.042 χ^2 /NDF: 277994.3/37

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 183.326 +/- 1.109 χ^2/NDF : 1300.3/19

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

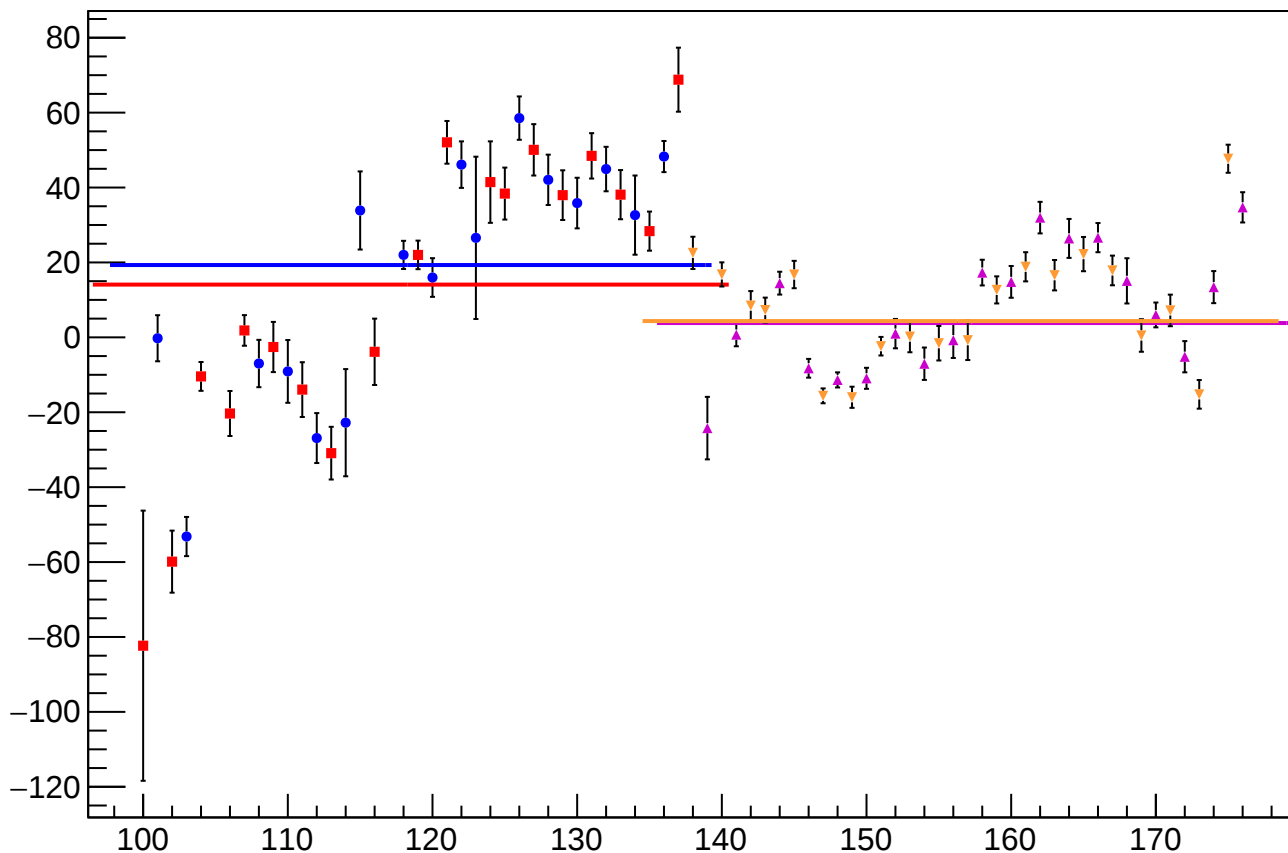
Left In: 186.208 +/- 1.128 χ^2/NDF : 1089.4/18

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 184.742 +/- 0.791 χ^2/NDF : 2393.1/38

- 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 χ^2/NDF : 441.3/16

Left Out: 4.348 ± 0.784 χ^2/NDF : 426.6/19

Right Out: 14.083 ± 1.390 χ^2/NDF : 436.9/18

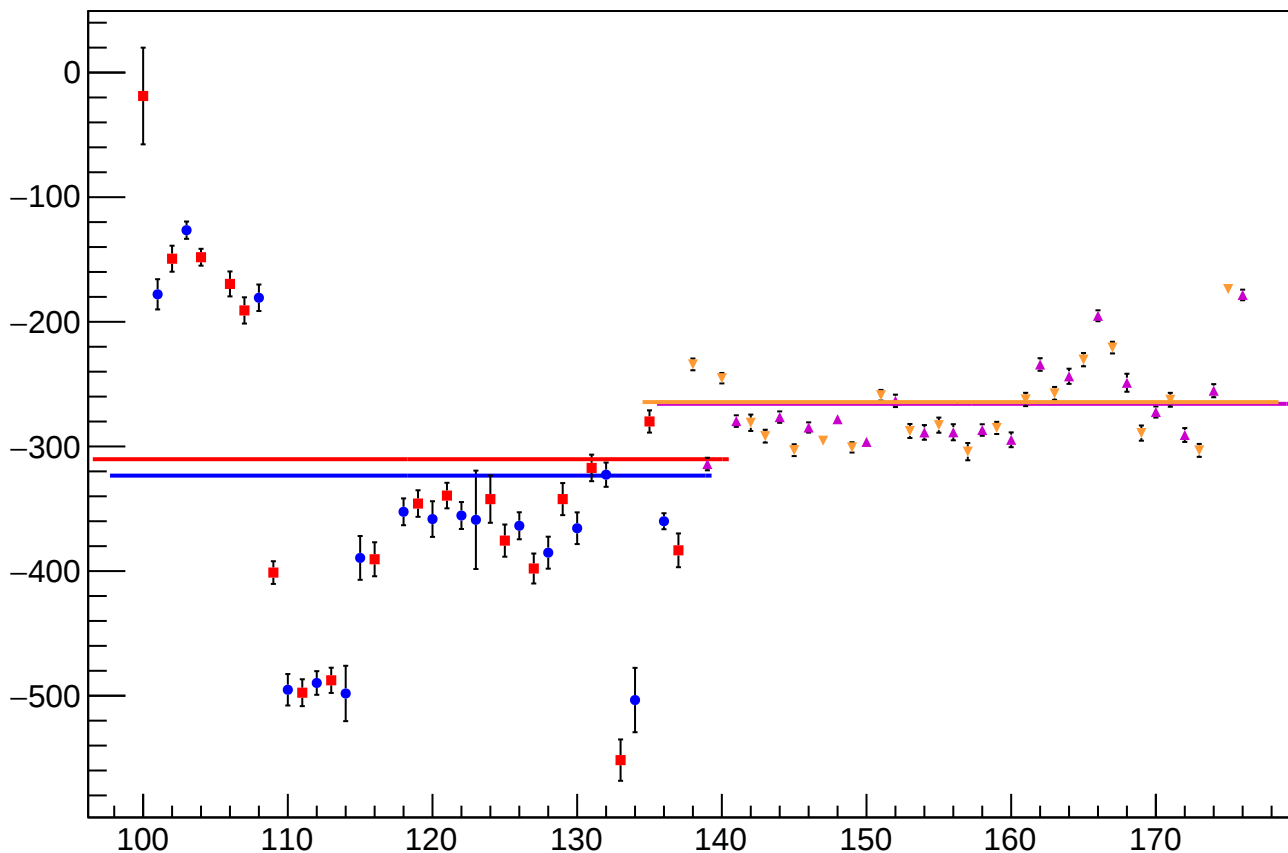
Left In: 3.822 ± 0.813 χ^2/NDF : 331.8/18

+ sign 7.555 ± 0.695 χ^2/NDF : 946.0/36

All: 7.004 ± 0.494 χ^2/NDF : 1756.6/74

- sign 6.440 ± 0.702 χ^2/NDF : 809.3/37

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.402 $\pm$ 2.684 χ^2 /NDF: 1849.6/16

Left Out: -264.400 $\pm$ 1.103 χ^2 /NDF:1127.4/19

Right Out: -310.236 $\pm$ 2.523 χ^2 /NDF: 2298.8/18

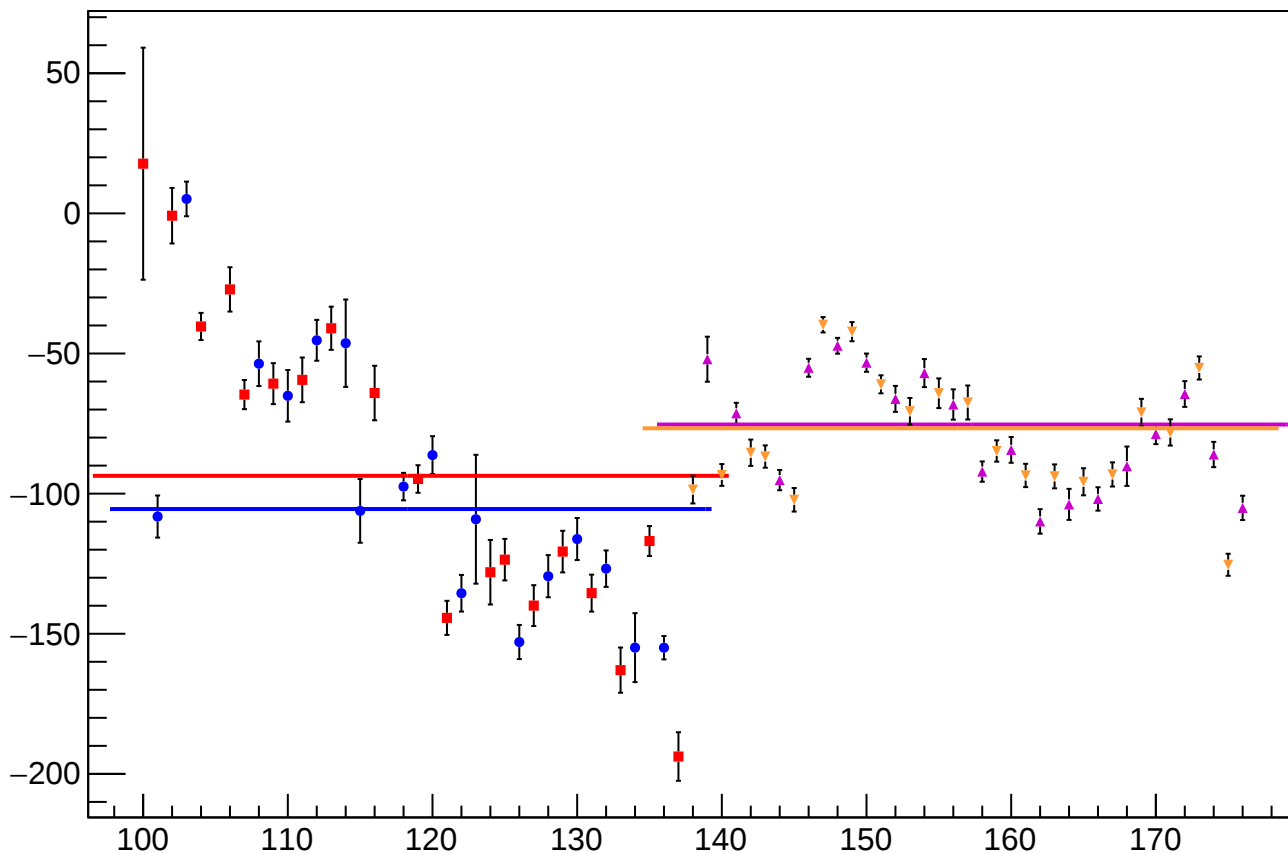
Left In: -265.807 $\pm$ 1.115 χ^2 /NDF:1037.4/18

+ sign -272.919 $\pm$ 1.020 χ^2 /NDF: 3390.5/36

All: -272.991 $\pm$ 0.721 χ^2 /NDF: 6986.0/74

- sign -273.064 $\pm$ 1.020 χ^2 /NDF: 3595.5/37

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.496 ± 1.712 χ^2/NDF : 737.3/16

Left Out: -76.681 ± 0.919 χ^2/NDF : 651.2/19

Right Out: -93.637 ± 1.610 χ^2/NDF : 827.1/18

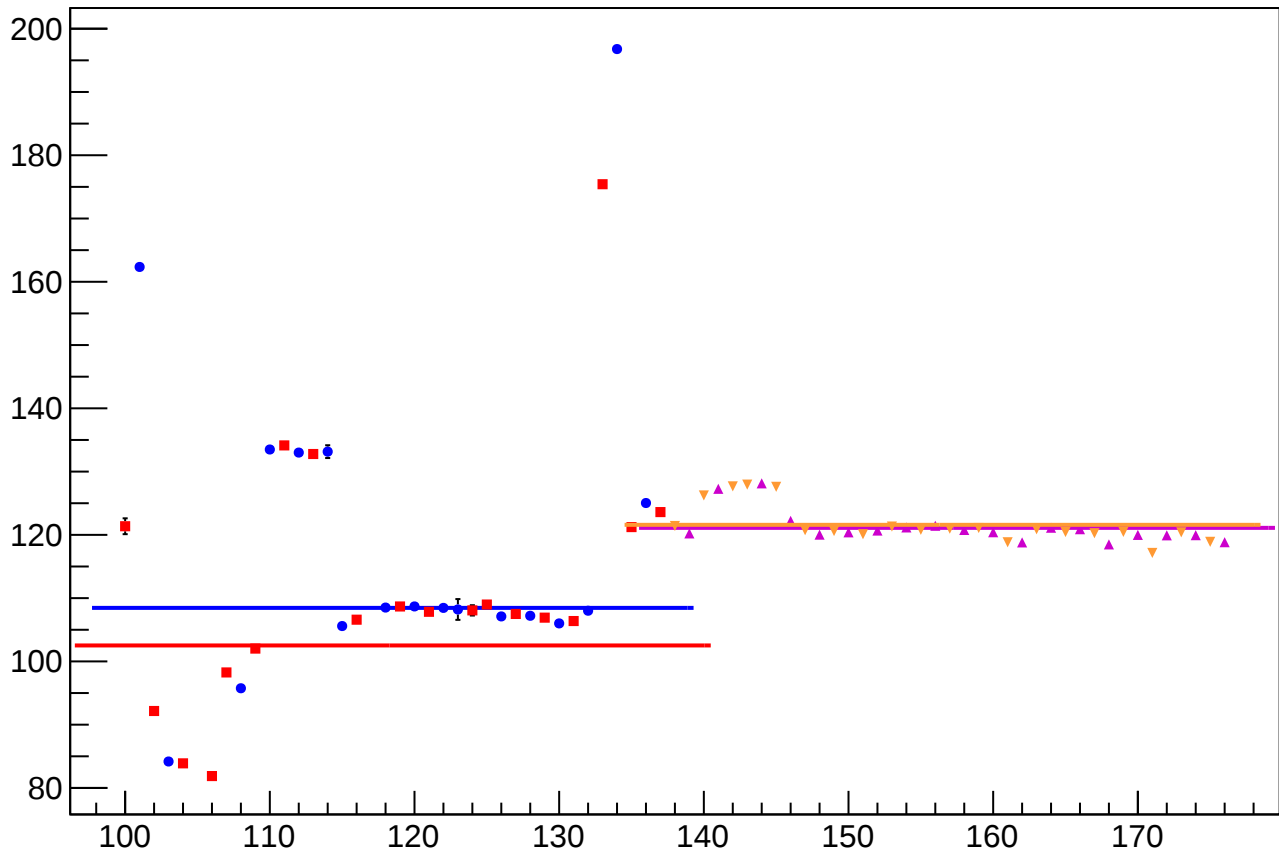
Left In: -75.345 ± 0.947 χ^2/NDF : 462.3/18

+ sign -83.123 ± 0.810 χ^2/NDF : 1608.5/36

All: -81.600 ± 0.575 χ^2/NDF : 3000.9/74

- sign -80.049 ± 0.817 χ^2/NDF : 1385.2/37

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.460 $\pm$ 0.085 χ^2 /NDF: 73301.9/16

Left Out: 121.586 $\pm$ 0.044 χ^2 /NDF: 4351.9/19

Right Out: 102.521 $\pm$ 0.080 χ^2 /NDF: 52992.1/18

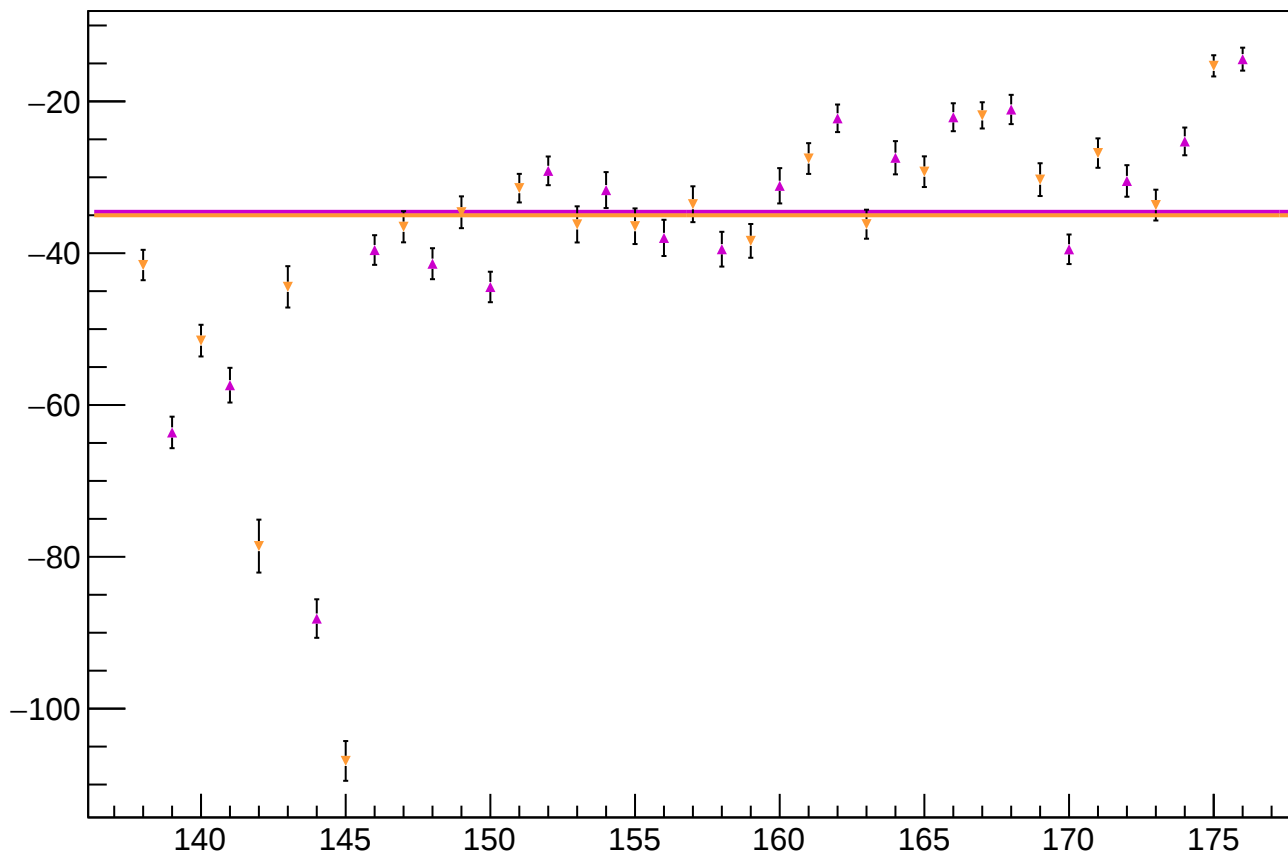
Left In: 121.107 $\pm$ 0.044 χ^2 /NDF: 2939.8/18

+ sign 118.787 $\pm$ 0.039 χ^2 /NDF: 96416.5/36

All: 117.735 $\pm$ 0.028 χ^2 /NDF: 195446.5/74

- sign 116.713 $\pm$ 0.039 χ^2 /NDF: 97614.2/37

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -35.006+/-0.463 χ^2/NDF :1304.1/19

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

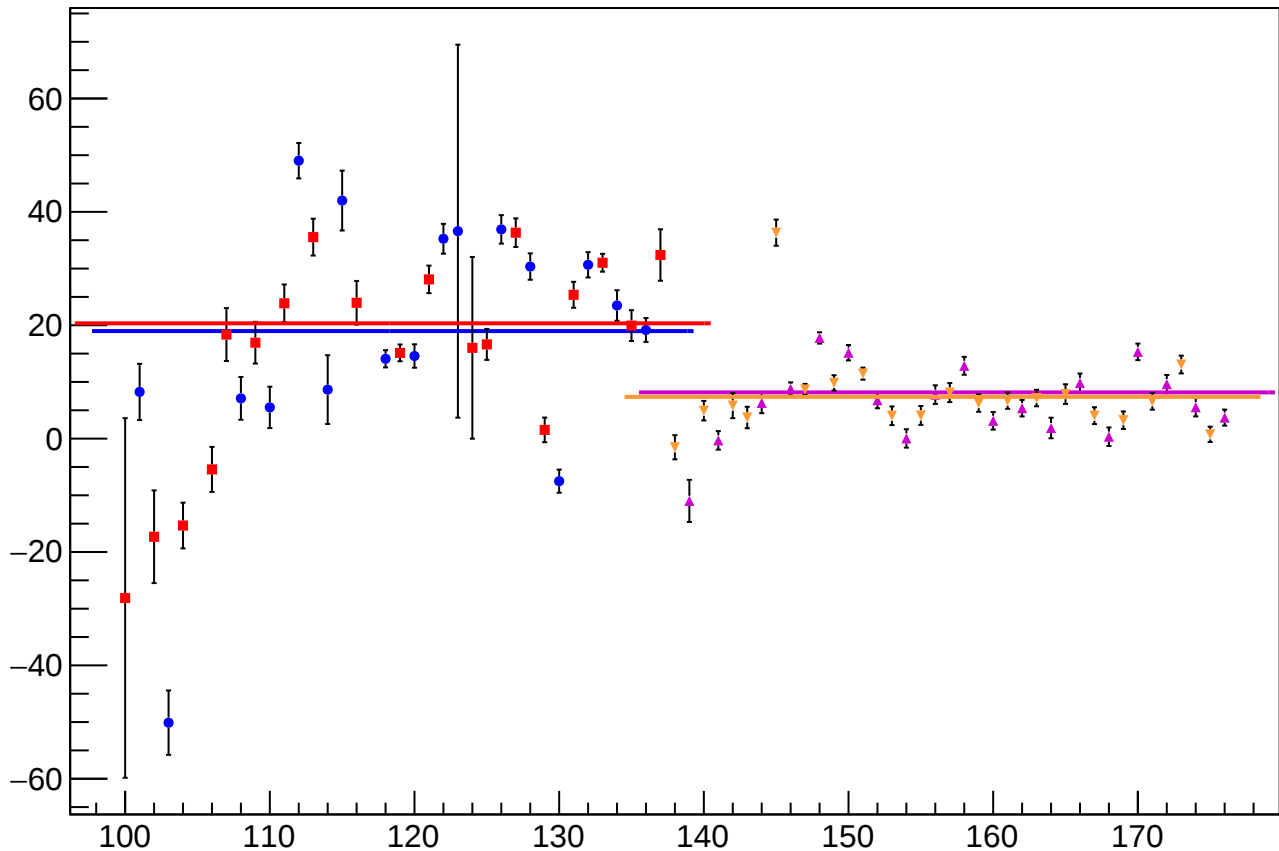
Left In: -34.549+/-0.464 χ^2/NDF :1166.2/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.778+/-0.328 χ^2/NDF : 2470.8/38

- 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: 7.359 ± 0.337 χ^2/NDF : 259.2/19

Right Out: 20.338 ± 0.642 χ^2/NDF : 366.4/18

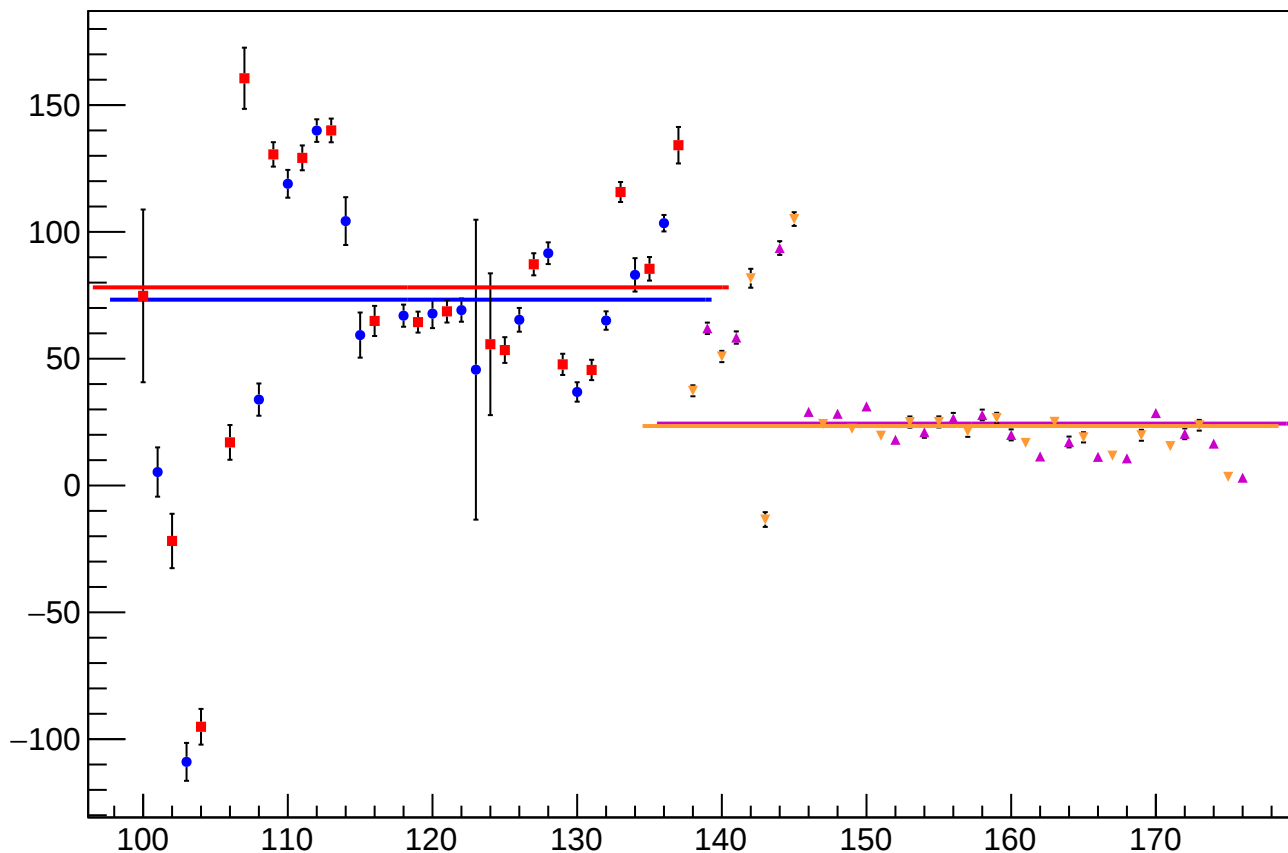
Left In: 8.155 ± 0.346 χ^2/NDF : 297.0/18

+ sign 9.804 ± 0.300 χ^2/NDF : 1127.2/36

All: 10.339 ± 0.214 χ^2/NDF : 2076.1/74

- sign 10.892 ± 0.304 χ^2/NDF : 942.4/37

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.278 $\pm$ 1.236 χ^2 /NDF: 1198.6/16

Left Out: 23.453 $\pm$ 0.457 χ^2 /NDF:1804.7/19

Right Out: 78.130 $\pm$ 1.223 χ^2 /NDF: 1543.3/18

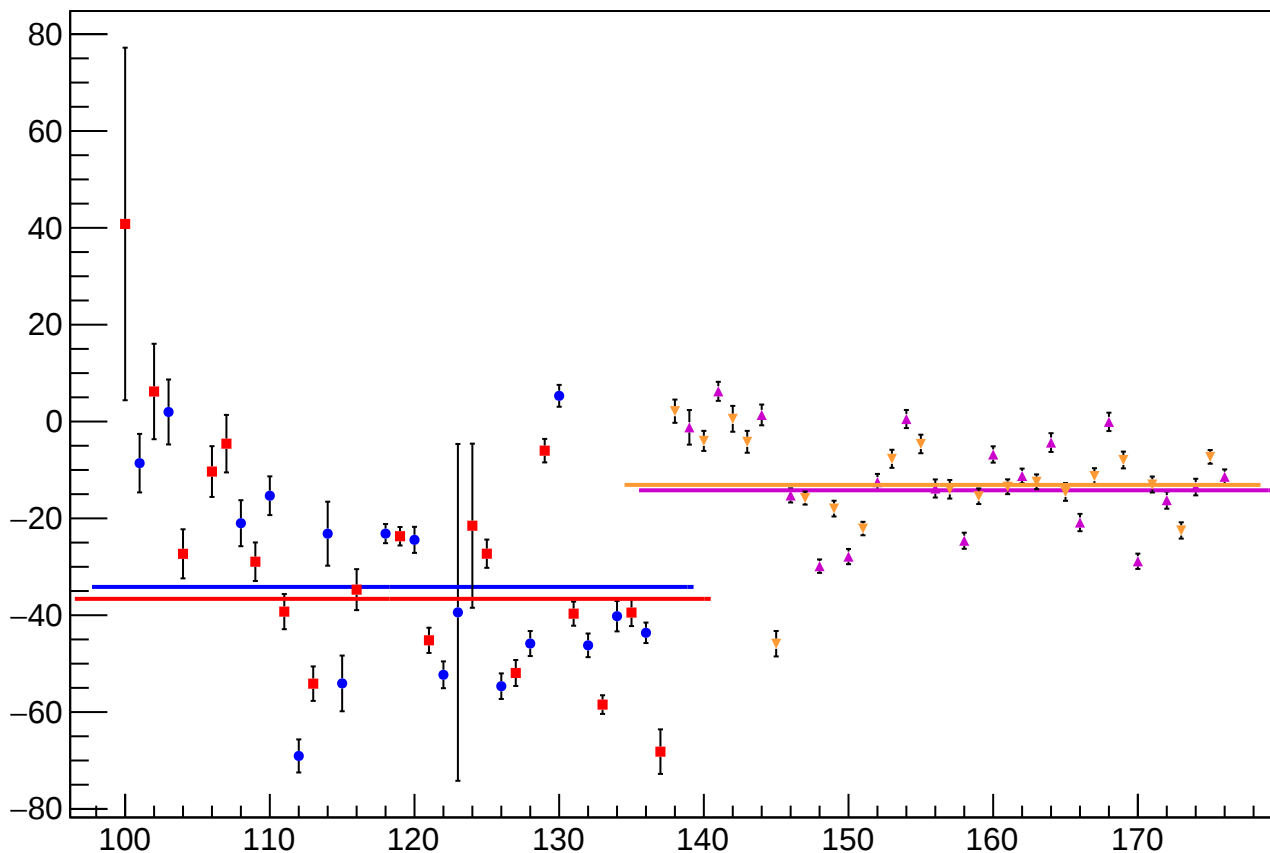
Left In: 24.410 $\pm$ 0.458 χ^2 /NDF:1561.0/18

+ sign 29.445 $\pm$ 0.429 χ^2 /NDF: 4431.8/36

All: 30.228 $\pm$ 0.303 χ^2 /NDF: 9236.5/74

- sign 31.009 $\pm$ 0.428 χ^2 /NDF: 4798.0/37

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.153 ± 0.745 χ^2/NDF : 717.5/16

Left Out: -13.084 ± 0.388 χ^2/NDF : 401.0/19

Right Out: -36.618 ± 0.736 χ^2/NDF : 547.0/18

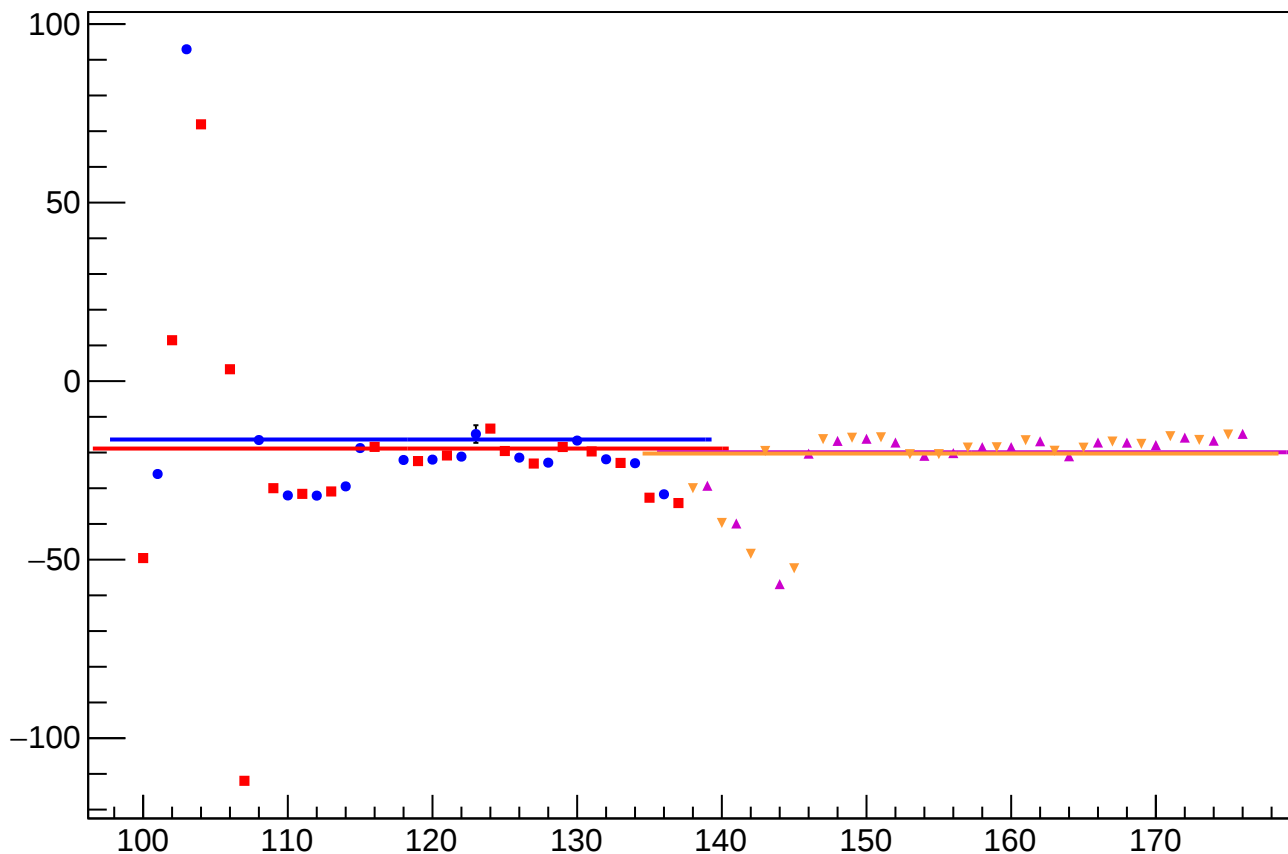
Left In: -14.202 ± 0.396 χ^2/NDF : 688.7/18

+ sign -17.581 ± 0.344 χ^2/NDF : 1747.8/36

All: -18.400 ± 0.245 χ^2/NDF : 3714.5/74

- sign -19.243 ± 0.349 χ^2/NDF : 1955.2/37

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.349 ± 0.045 $\chi^2/\text{NDF}: 474192.3/16$

Left Out: -20.282 ± 0.018 $\chi^2/\text{NDF}: 208054.8/19$

Right Out: -18.886 ± 0.045 $\chi^2/\text{NDF}: 433793.7/18$

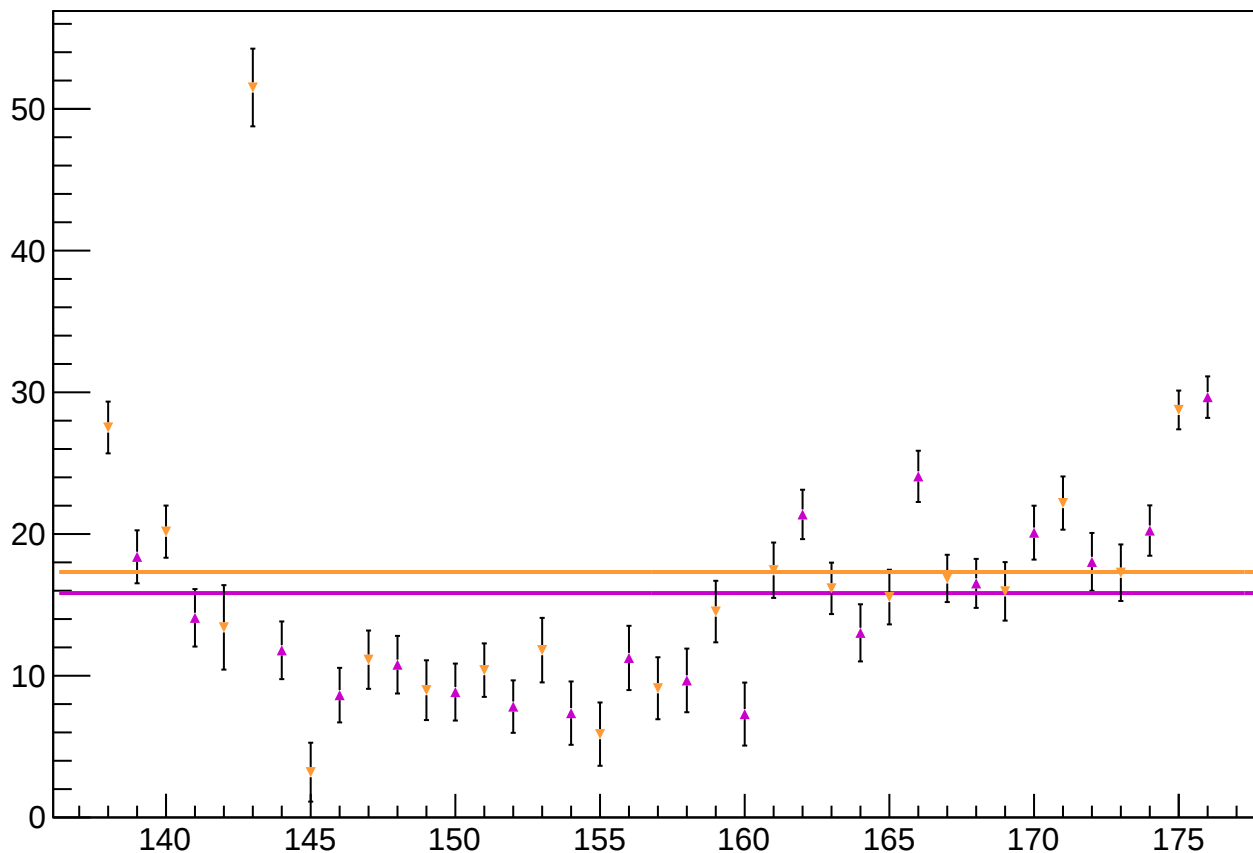
Left In: -19.923 ± 0.018 $\chi^2/\text{NDF}: 174530.8/18$

+ sign -19.728 ± 0.017 $\chi^2/\text{NDF}: 688915.0/36$

All: -19.755 ± 0.012 $\chi^2/\text{NDF}: 1297697.9/74$

- sign -19.783 ± 0.017 $\chi^2/\text{NDF}: 608777.4/37$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 17.321 $\pm$ 0.442 χ^2 /NDF:401.4/19

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

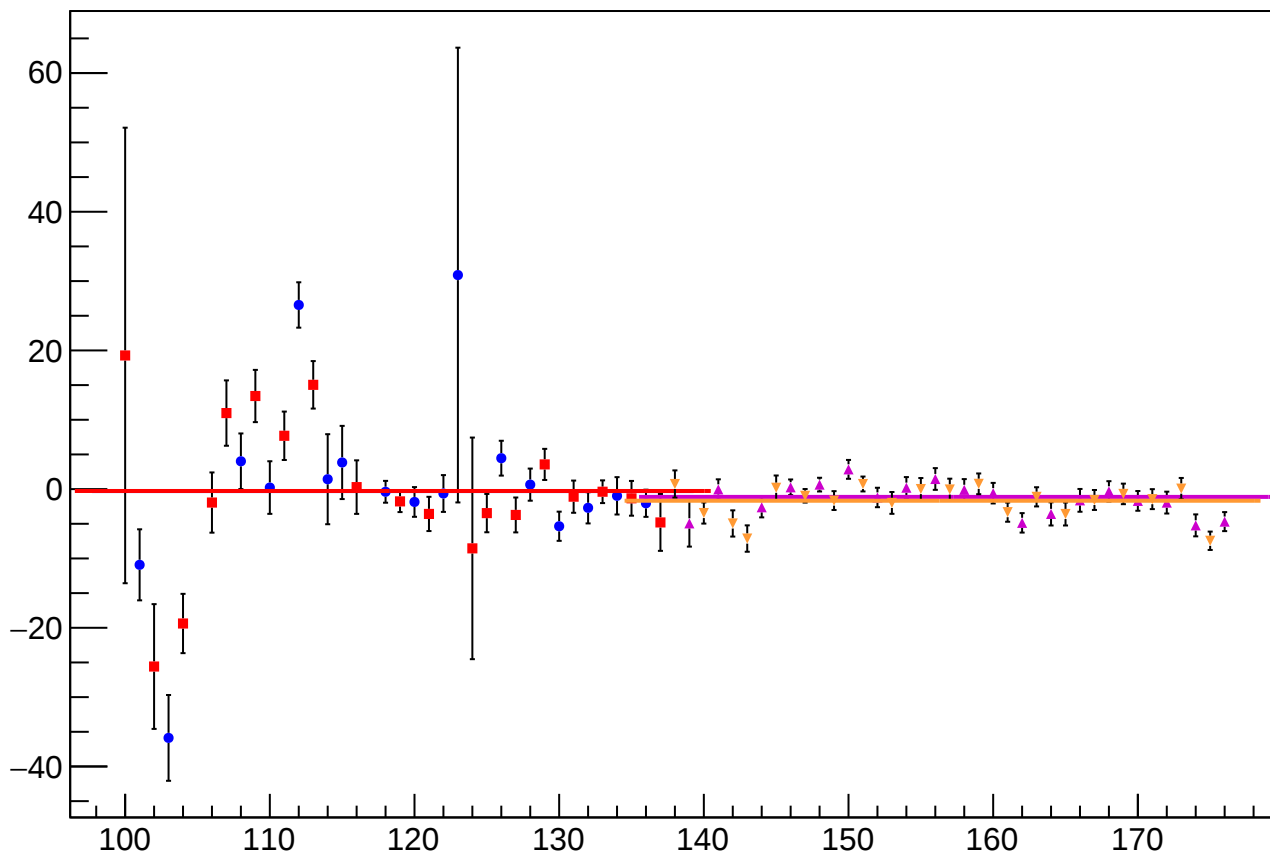
Left In: 15.834 $\pm$ 0.441 χ^2 /NDF:232.7/18

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

All: 16.577 $\pm$ 0.312 χ^2 /NDF: 639.8/38

- sign 0.000 $\pm$ 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: -1.677 ± 0.324 χ^2/NDF : 49.4/19

Right Out: -0.270 ± 0.656 χ^2/NDF : 83.2/18

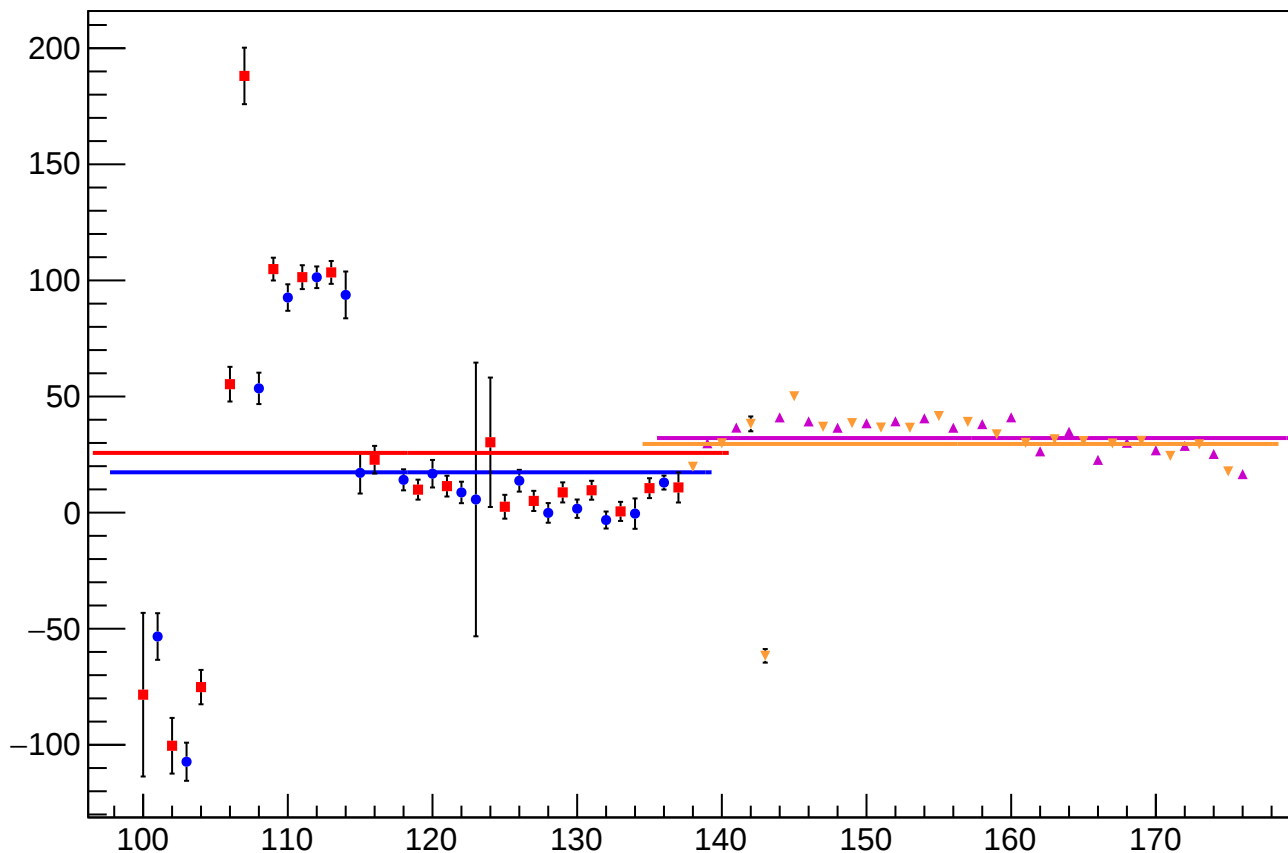
Left In: -1.123 ± 0.331 χ^2/NDF : 43.7/18

+ sign -1.407 ± 0.291 χ^2/NDF : 172.5/36

All: -1.182 ± 0.207 χ^2/NDF : 302.0/74

- sign -0.949 ± 0.296 χ^2/NDF : 128.2/37

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.361+/-1.247 χ^2/NDF : 943.0/16

Left Out: 29.565+/-0.437 χ^2/NDF : 1299.0/19

Right Out: 25.717+/-1.243 χ^2/NDF : 1378.8/18

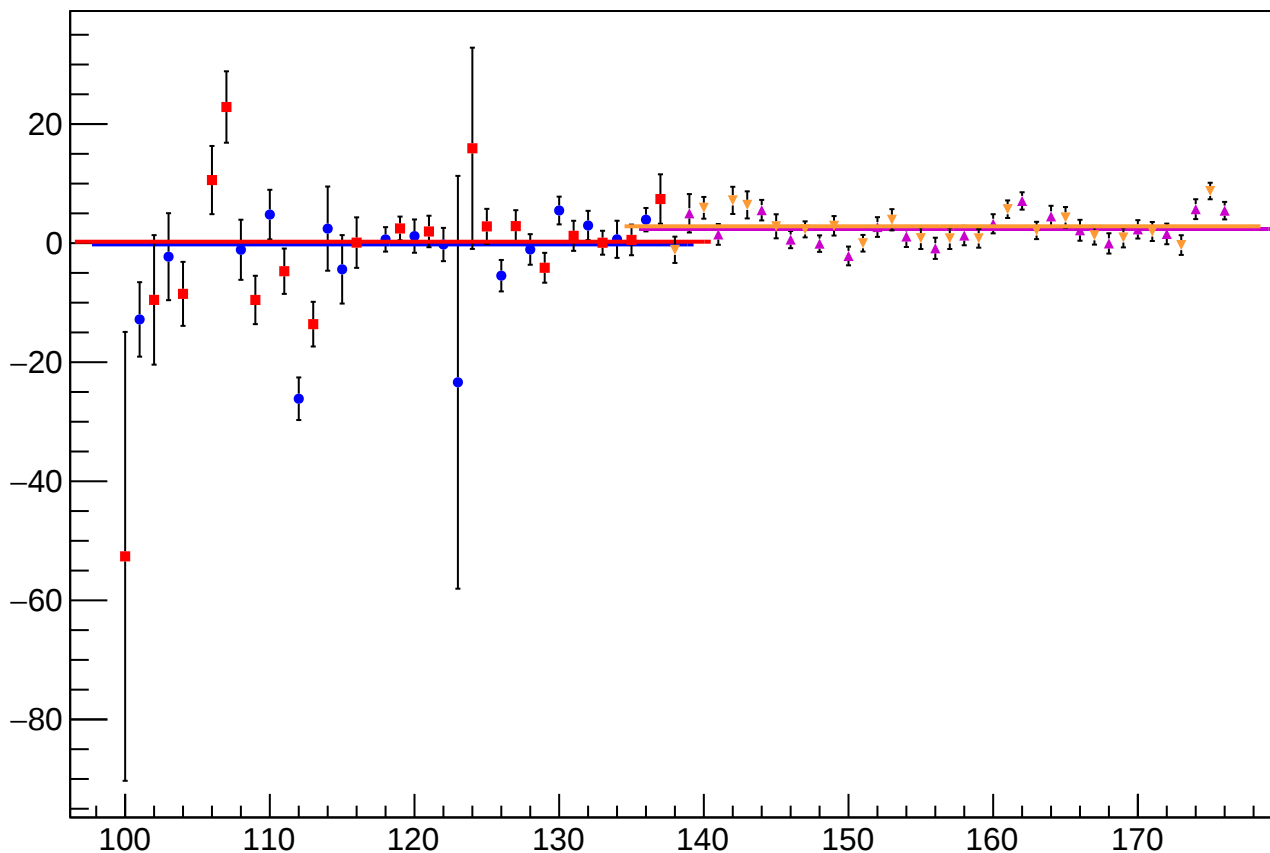
Left In: 32.113+/-0.436 χ^2/NDF : 297.8/18

+ sign 28.229+/-0.413 χ^2/NDF : 2327.3/36

All: 29.823+/-0.291 χ^2/NDF : 4057.3/74

- sign 31.411+/-0.412 χ^2/NDF : 1700.2/37

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.211 ± 0.752 χ^2/NDF : 75.9/16

Left Out: 2.828 ± 0.372 χ^2/NDF : 50.2/19

Right Out: 0.239 ± 0.748 χ^2/NDF : 54.5/18

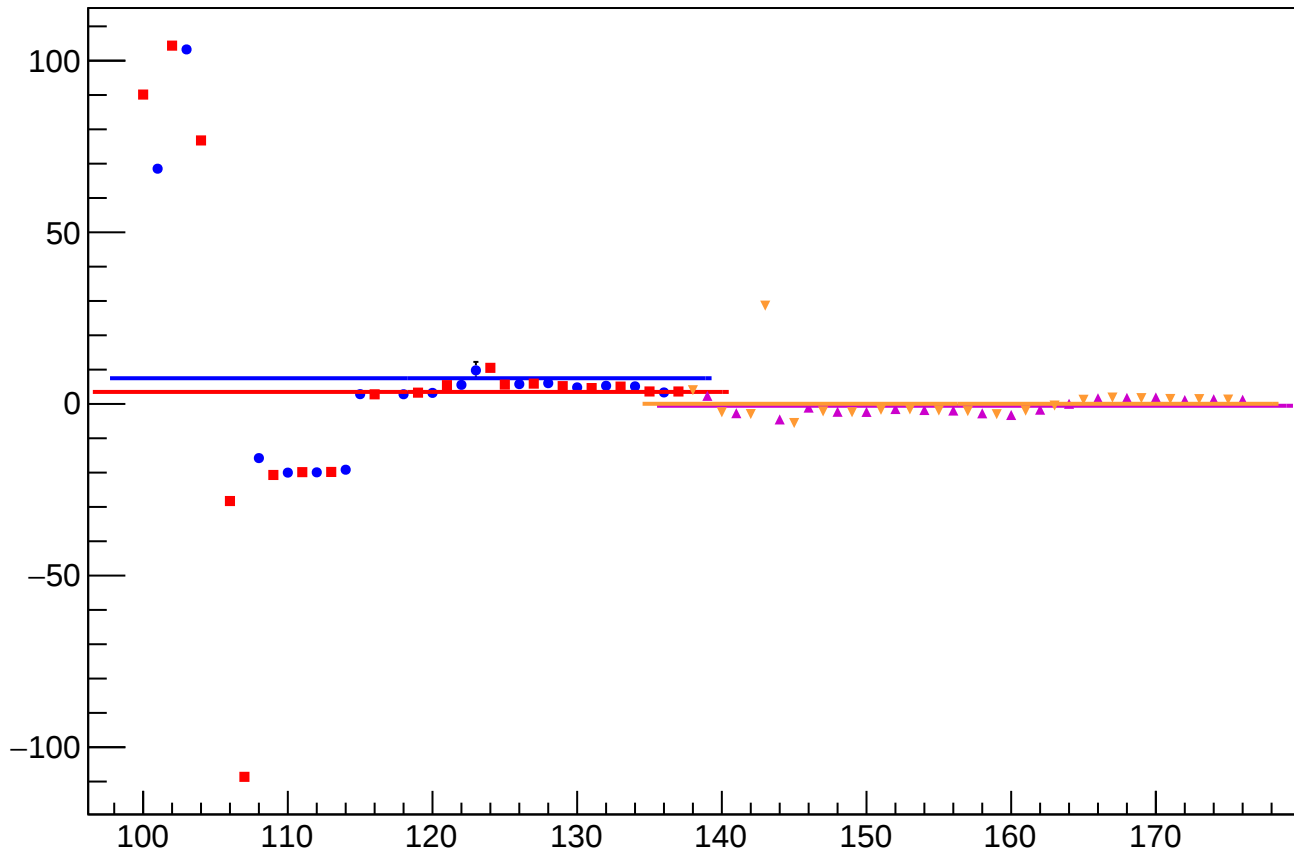
Left In: 2.374 ± 0.379 χ^2/NDF : 44.4/18

+ sign 2.229 ± 0.334 χ^2/NDF : 139.2/36

All: 2.086 ± 0.238 χ^2/NDF : 244.9/74

- sign 1.938 ± 0.338 χ^2/NDF : 105.3/37

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.492 ± 0.045 $\chi^2/\text{NDF}: 355979.0/16$

Left Out: 0.048 ± 0.017 $\chi^2/\text{NDF}: 77220.0/19$

Right Out: 3.504 ± 0.046 $\chi^2/\text{NDF}: 510579.4/18$

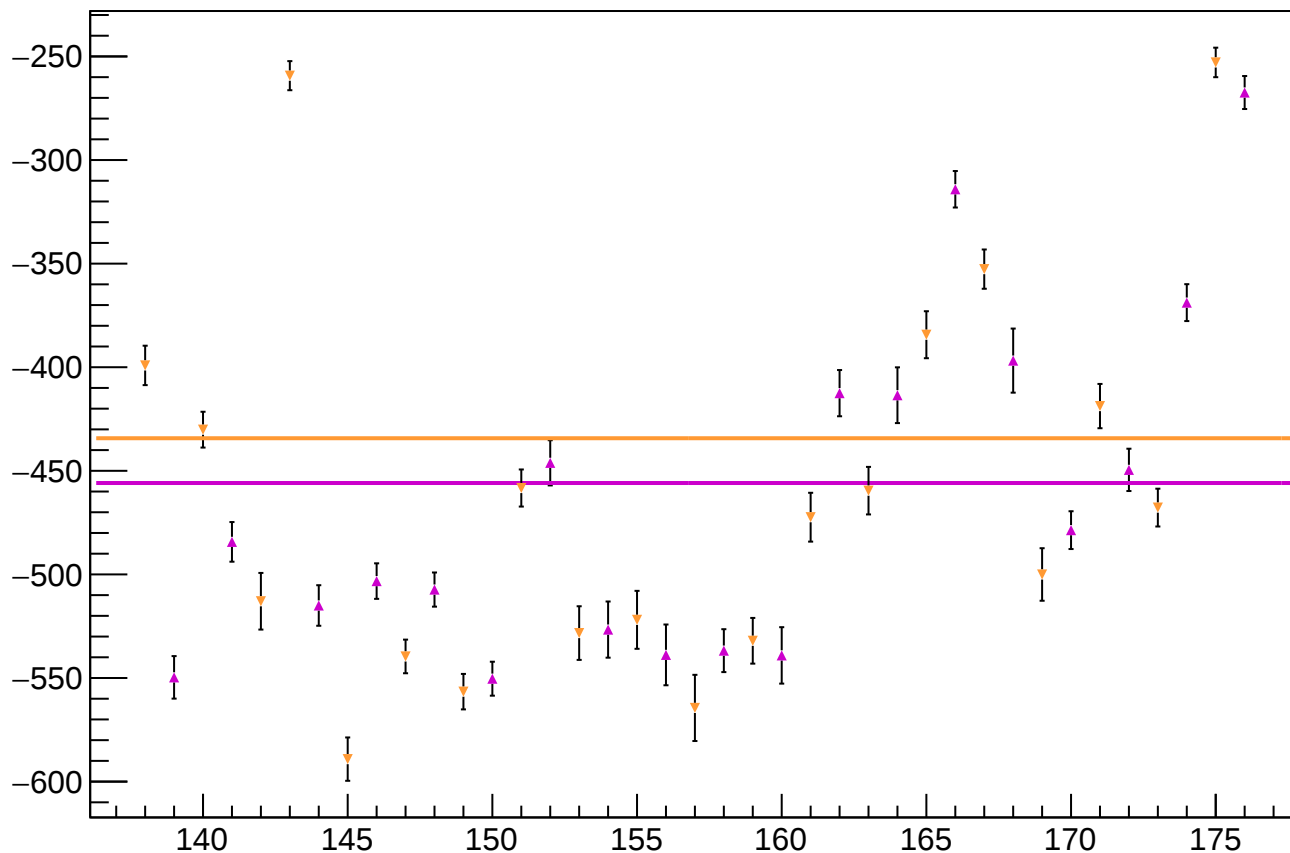
Left In: -0.529 ± 0.017 $\chi^2/\text{NDF}: 13623.8/18$

+ sign 1.015 ± 0.016 $\chi^2/\text{NDF}: 457399.6/36$

All: 0.485 ± 0.011 $\chi^2/\text{NDF}: 990611.9/74$

- sign -0.036 ± 0.016 $\chi^2/\text{NDF}: 531059.8/37$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -434.274+/-2.213 χ^2/NDF :2304.2/19

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

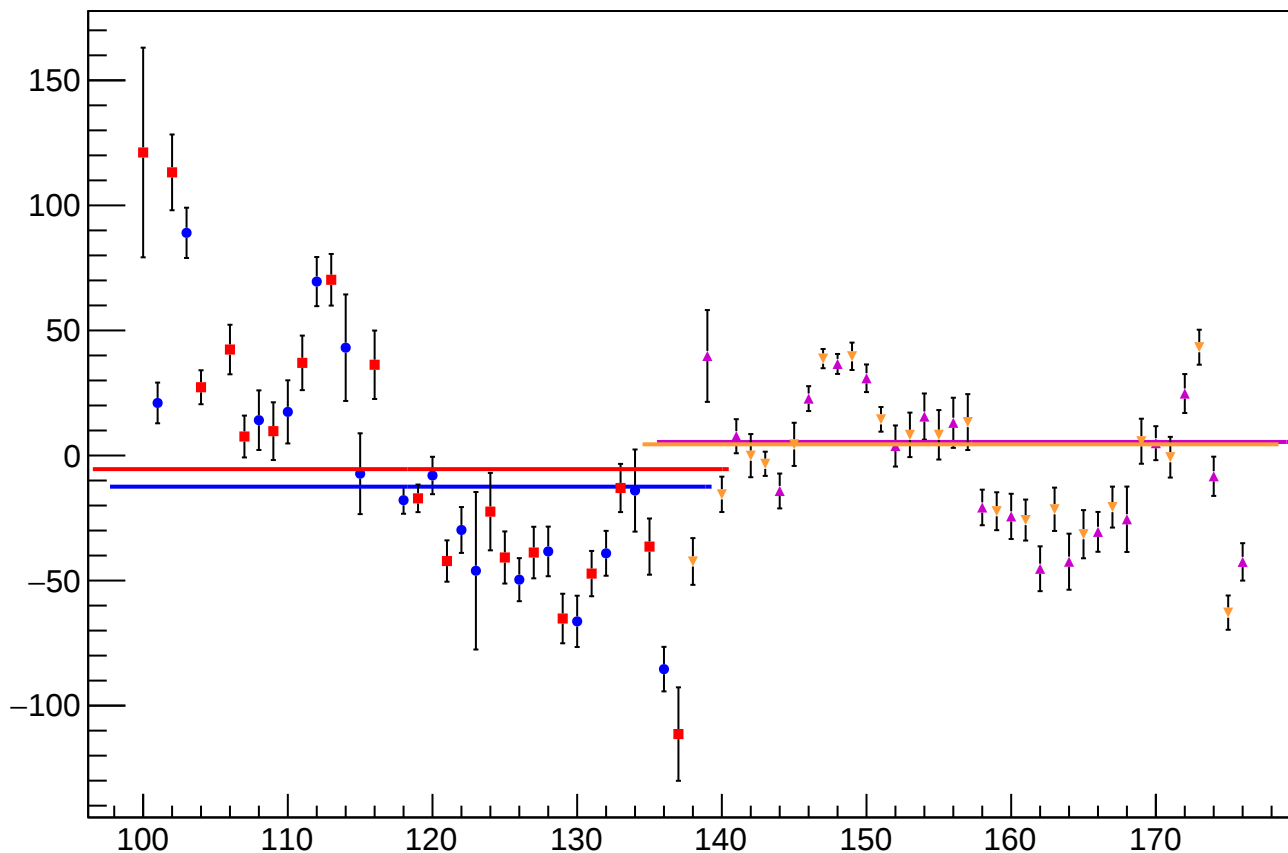
Left In: -455.885+/-2.307 χ^2/NDF :1451.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -444.634+/-1.597 χ^2/NDF : 3801.3/38

- 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: 4.472 ± 1.553 χ^2/NDF : 348.0/19

Right Out: -5.453 ± 2.259 χ^2/NDF : 345.0/18

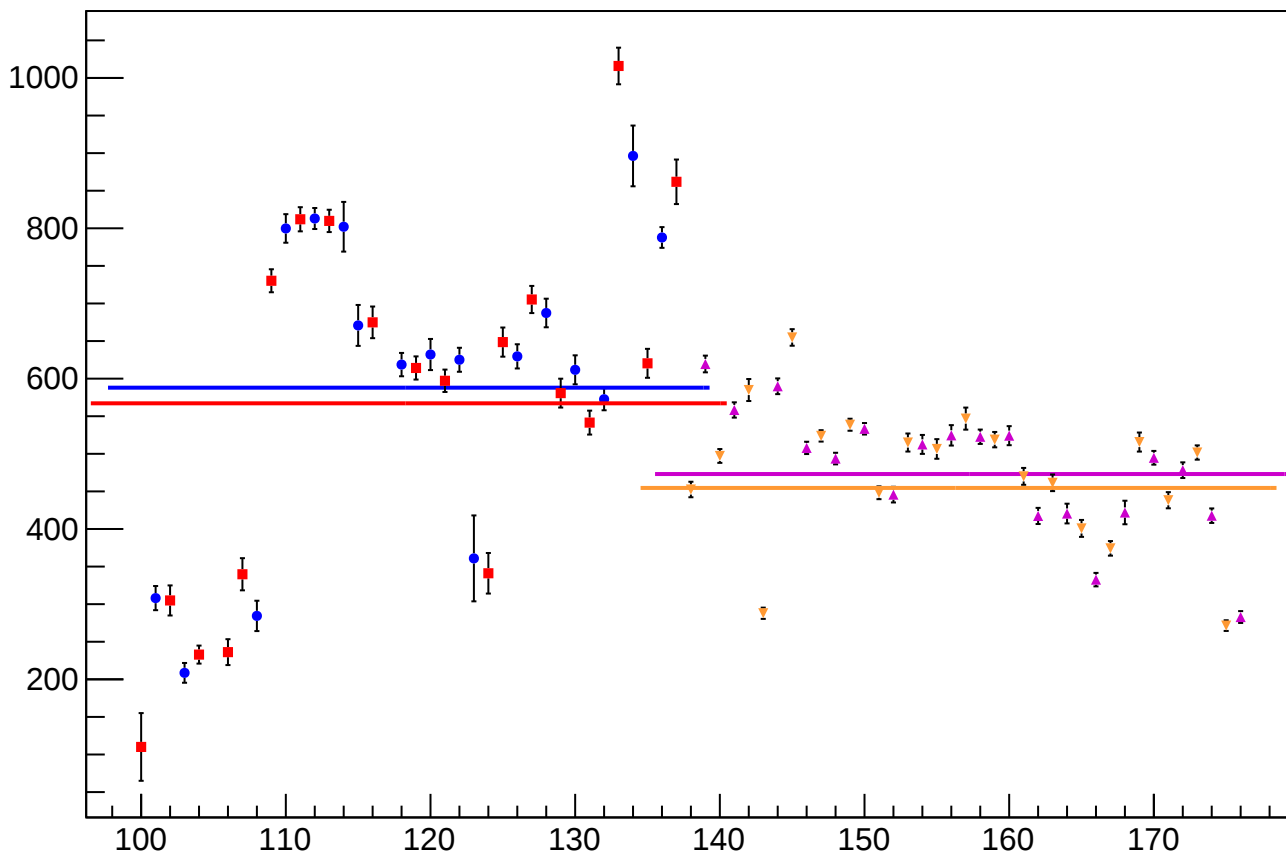
Left In: 5.416 ± 1.658 χ^2/NDF : 258.8/18

+ sign -0.679 ± 1.295 χ^2/NDF : 725.2/36

All: 0.430 ± 0.930 χ^2/NDF : 1345.5/74

- sign 1.611 ± 1.336 χ^2/NDF : 618.8/37

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 587.994 $\pm$ 4.353 χ^2 /NDF: 2129.6/16

Left Out: 454.614 $\pm$ 2.203 χ^2 /NDF:2047.1/19

Right Out: 567.179 $\pm$ 4.136 χ^2 /NDF: 2783.2/18

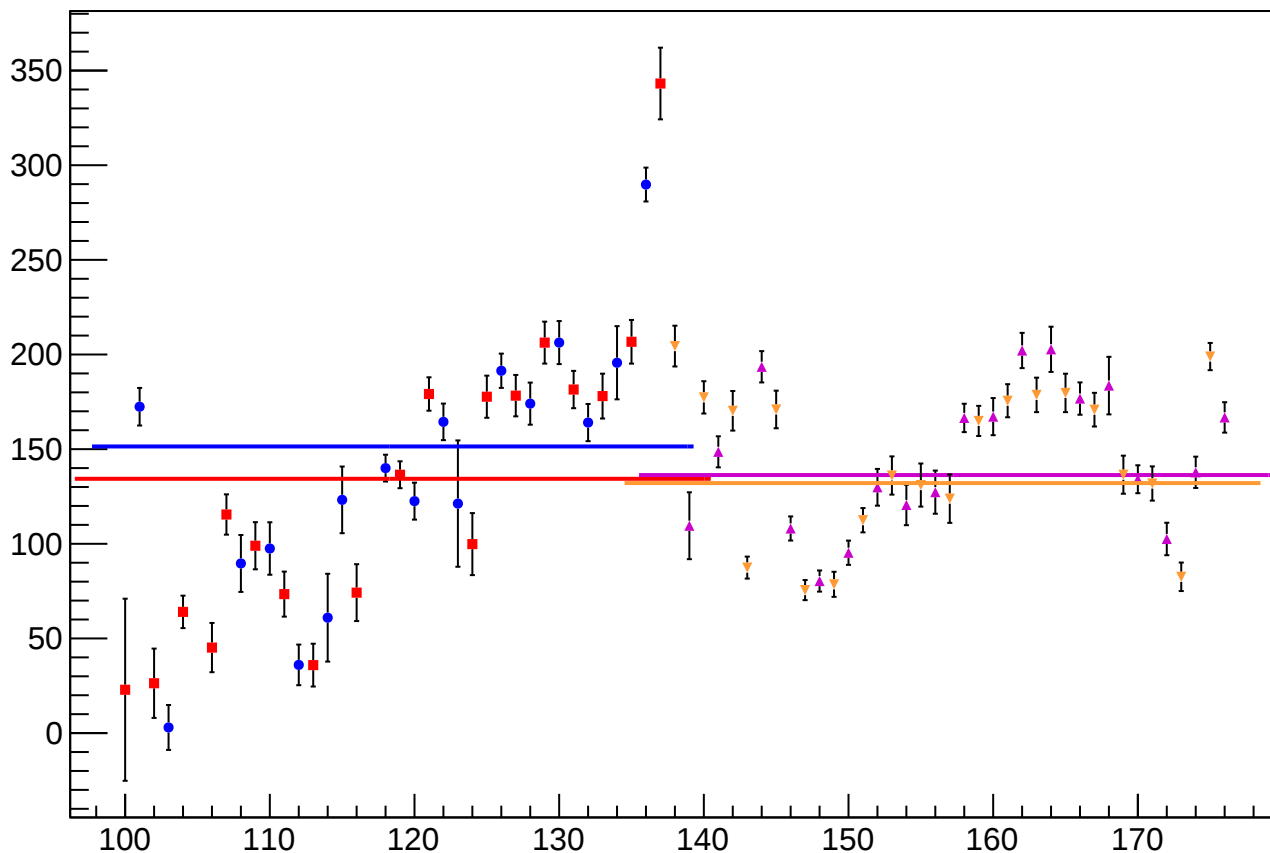
Left In: 473.106 $\pm$ 2.278 χ^2 /NDF:1449.5/18

+ sign 481.818 $\pm$ 1.966 χ^2 /NDF: 4924.2/36

All: 488.313 $\pm$ 1.400 χ^2 /NDF: 9576.0/74

- sign 495.006 $\pm$ 1.996 χ^2 /NDF: 4629.6/37

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 151.421 $\pm$ 2.709 χ^2 /NDF: 633.3/16

Left Out: 132.088 $\pm$ 1.826 χ^2 /NDF: 588.6/19

Right Out: 134.346 $\pm$ 2.616 χ^2 /NDF: 584.9/18

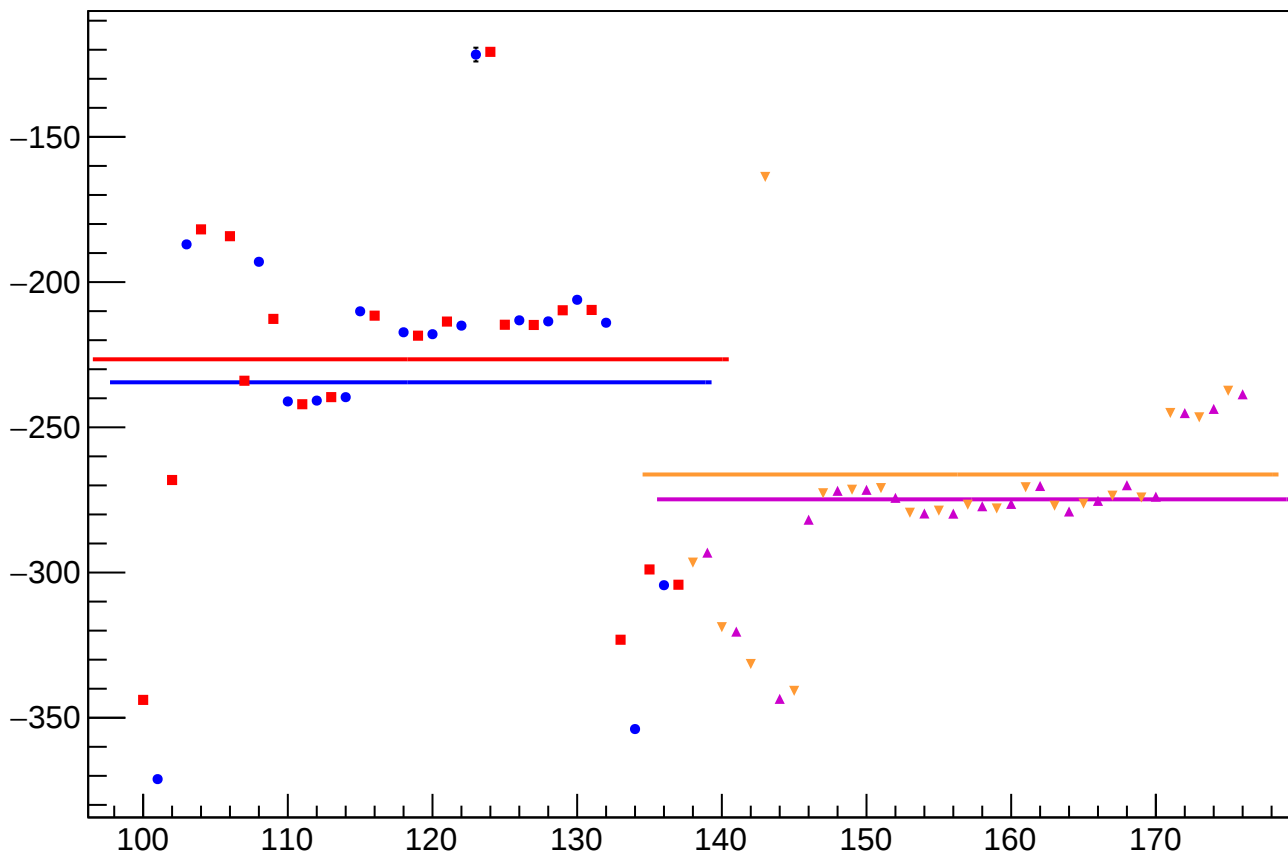
Left In: 136.321 $\pm$ 1.933 χ^2 /NDF: 385.8/18

+ sign 138.128 $\pm$ 1.514 χ^2 /NDF: 1256.9/36

All: 136.908 $\pm$ 1.085 χ^2 /NDF: 2229.3/74

- sign 135.623 $\pm$ 1.555 χ^2 /NDF: 971.1/37

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.501 ± 0.149 $\chi^2/\text{NDF}: 145046.5/16$

Left Out: -266.237 ± 0.089 $\chi^2/\text{NDF}: 199259.9/19$

Right Out: -226.581 ± 0.141 $\chi^2/\text{NDF}: 98968.8/18$

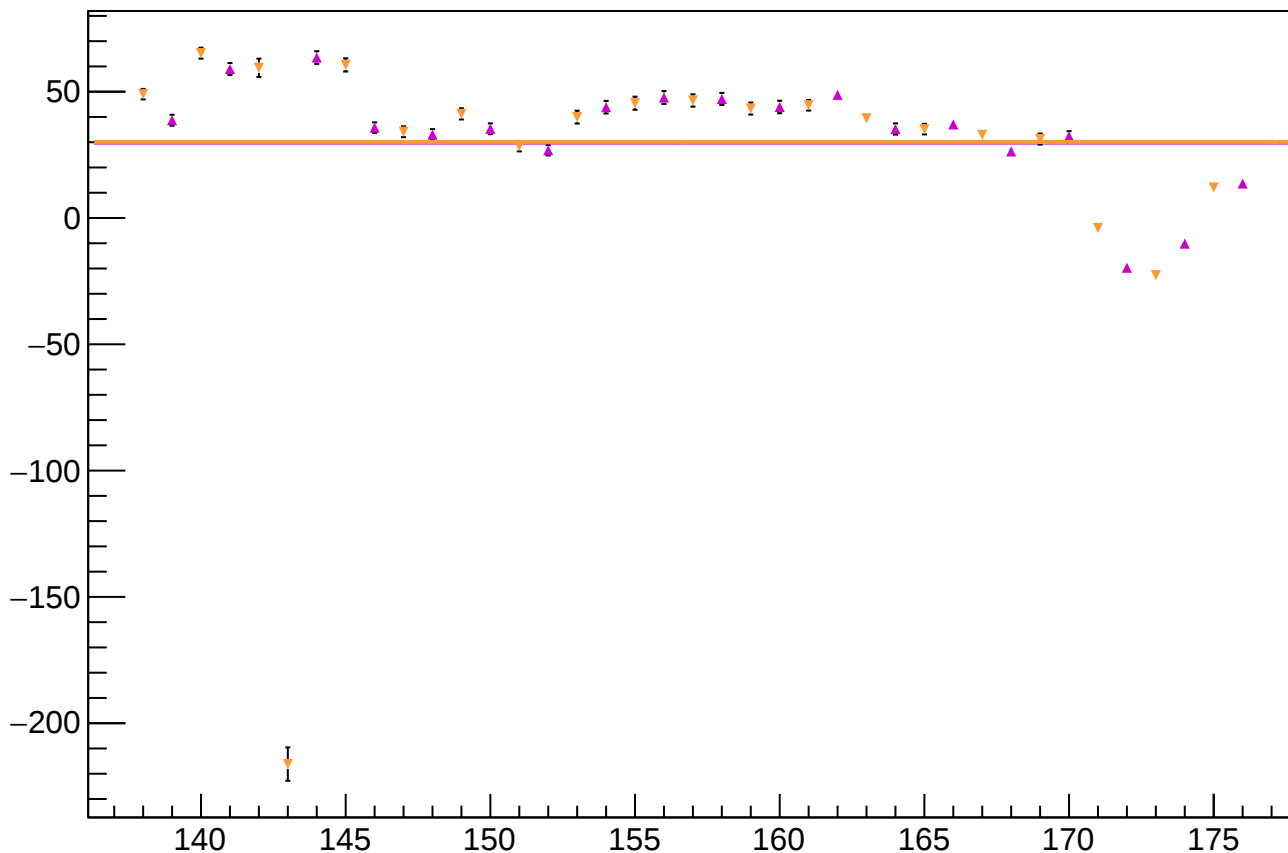
Left In: -274.796 ± 0.091 $\chi^2/\text{NDF}: 62411.7/18$

+ sign -257.911 ± 0.076 $\chi^2/\text{NDF}: 377757.9/36$

All: -259.331 ± 0.054 $\chi^2/\text{NDF}: 622222.5/74$

- sign -260.751 ± 0.076 $\chi^2/\text{NDF}: 243772.3/37$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 30.108+/-0.485 χ^2/NDF : 3389.7/19

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

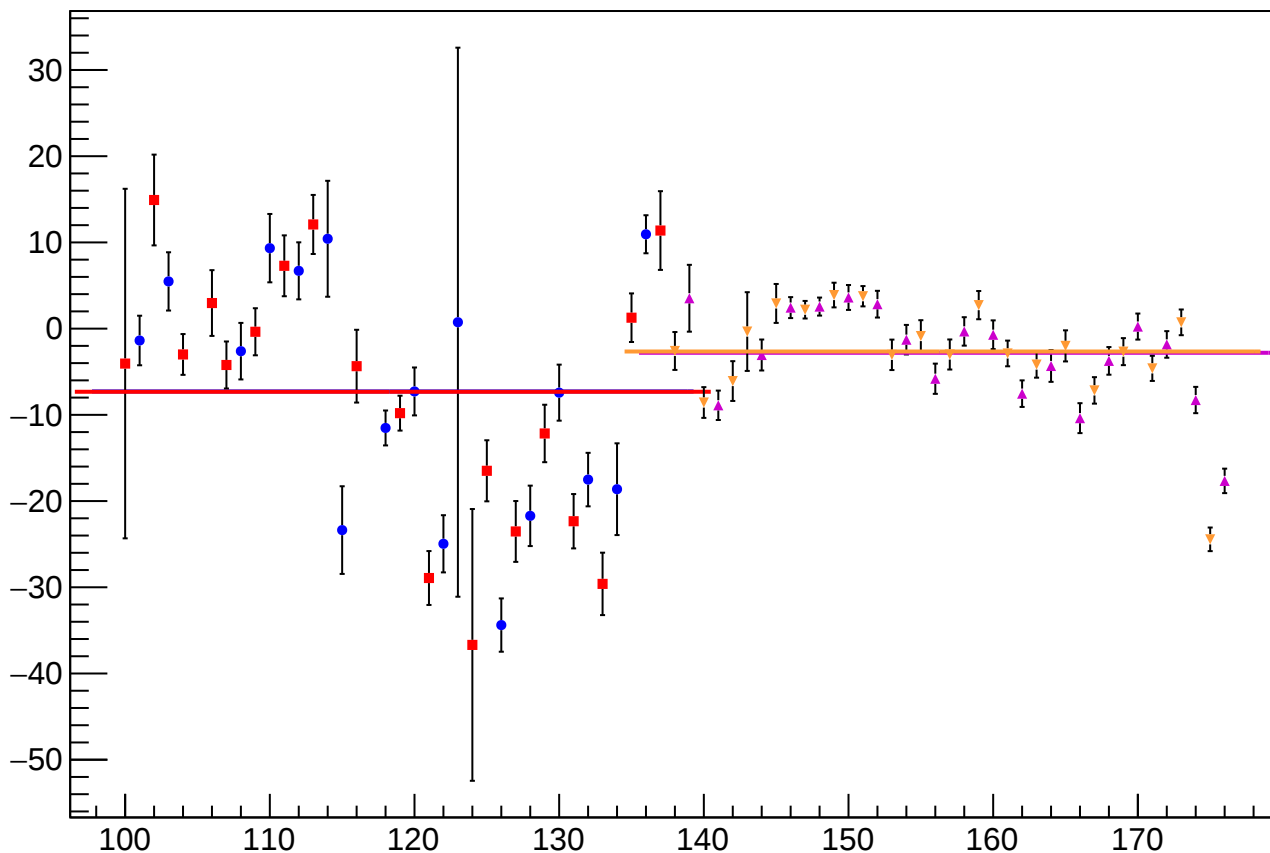
Left In: 29.848+/-0.477 χ^2/NDF : 1922.2/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.976+/-0.340 χ^2/NDF : 5312.0/38

- 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: -2.652 ± 0.355 χ^2/NDF : 374.6/19

Right Out: -7.323 ± 0.761 χ^2/NDF : 255.3/18

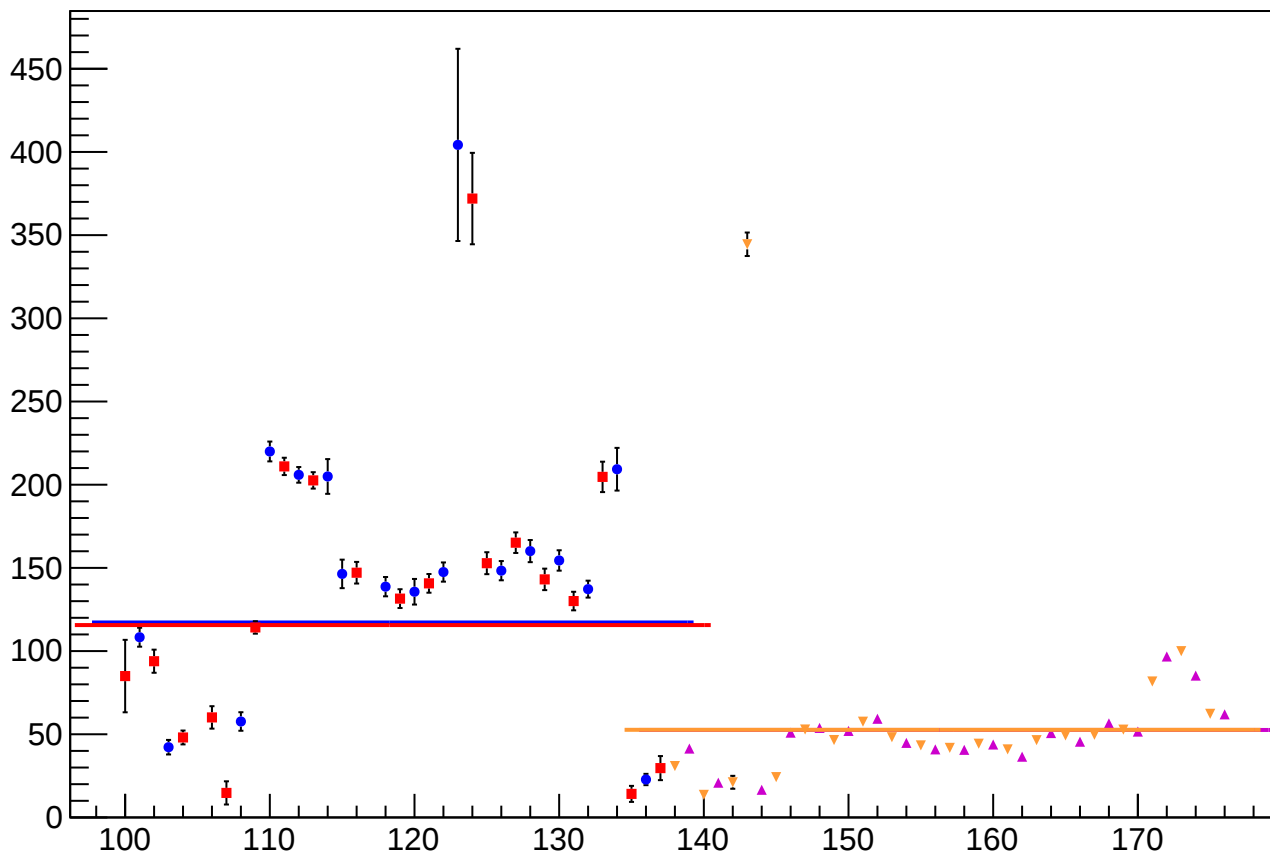
Left In: -2.801 ± 0.358 χ^2/NDF : 257.3/18

+ sign -3.434 ± 0.324 χ^2/NDF : 686.4/36

All: -3.527 ± 0.229 χ^2/NDF : 1228.2/74

- sign -3.619 ± 0.324 χ^2/NDF : 541.6/37

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.187 ± 1.416 χ^2/NDF : 2161.0/16

Left Out: 52.679 ± 0.479 χ^2/NDF : 3209.5/19

Right Out: 115.632 ± 1.361 χ^2/NDF : 2137.6/18

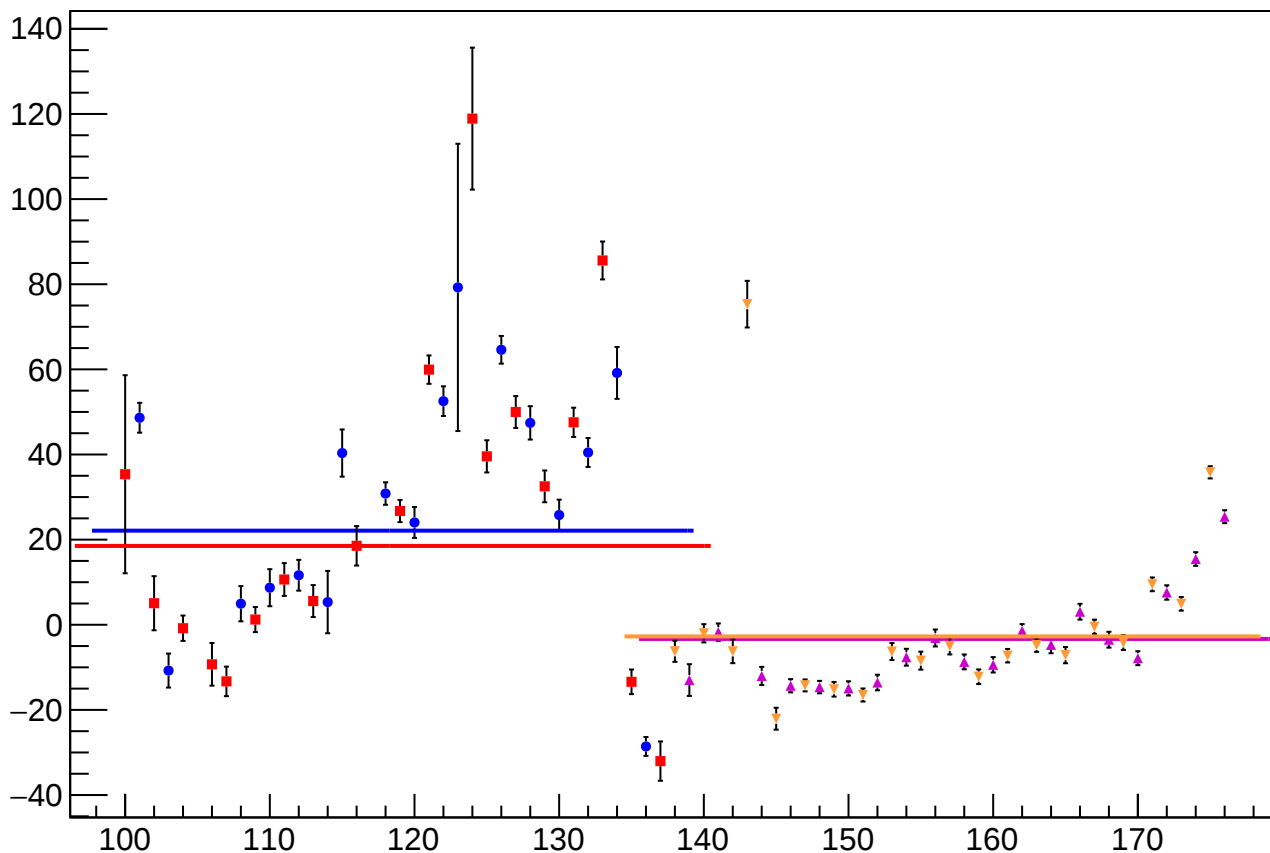
Left In: 52.587 ± 0.471 χ^2/NDF : 1358.3/18

+ sign 59.291 ± 0.453 χ^2/NDF : 7232.3/36

All: 59.317 ± 0.318 χ^2/NDF : 12644.0/74

- sign 59.341 ± 0.445 χ^2/NDF : 5411.7/37

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.110 $\pm$ 0.898 χ^2 /NDF: 1070.3/16

Left Out: -2.738 $\pm$ 0.407 χ^2 /NDF:1325.3/19

Right Out: 18.521 $\pm$ 0.871 χ^2 /NDF: 1068.6/18

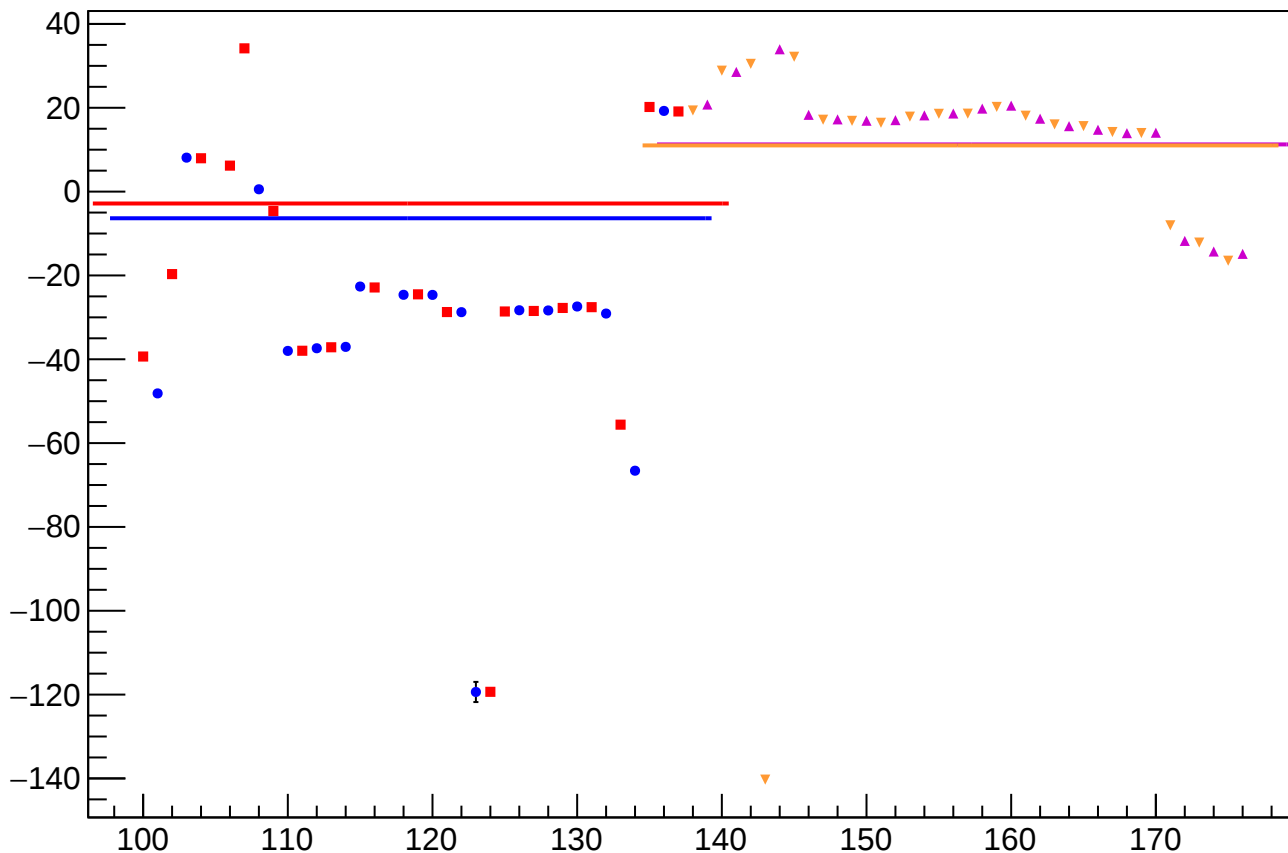
Left In: -3.326 $\pm$ 0.409 χ^2 /NDF:794.5/18

+ sign 1.502 $\pm$ 0.371 χ^2 /NDF: 3030.4/36

All: 1.060 $\pm$ 0.262 χ^2 /NDF: 5411.6/74

- sign 0.619 $\pm$ 0.370 χ^2 /NDF: 2378.4/37

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.360+/-0.046 χ^2/NDF : 264750.9/16

Left Out: 11.022+/-0.019 χ^2/NDF : 790946.6/19

Right Out: -2.837+/-0.046 χ^2/NDF : 265573.0/18

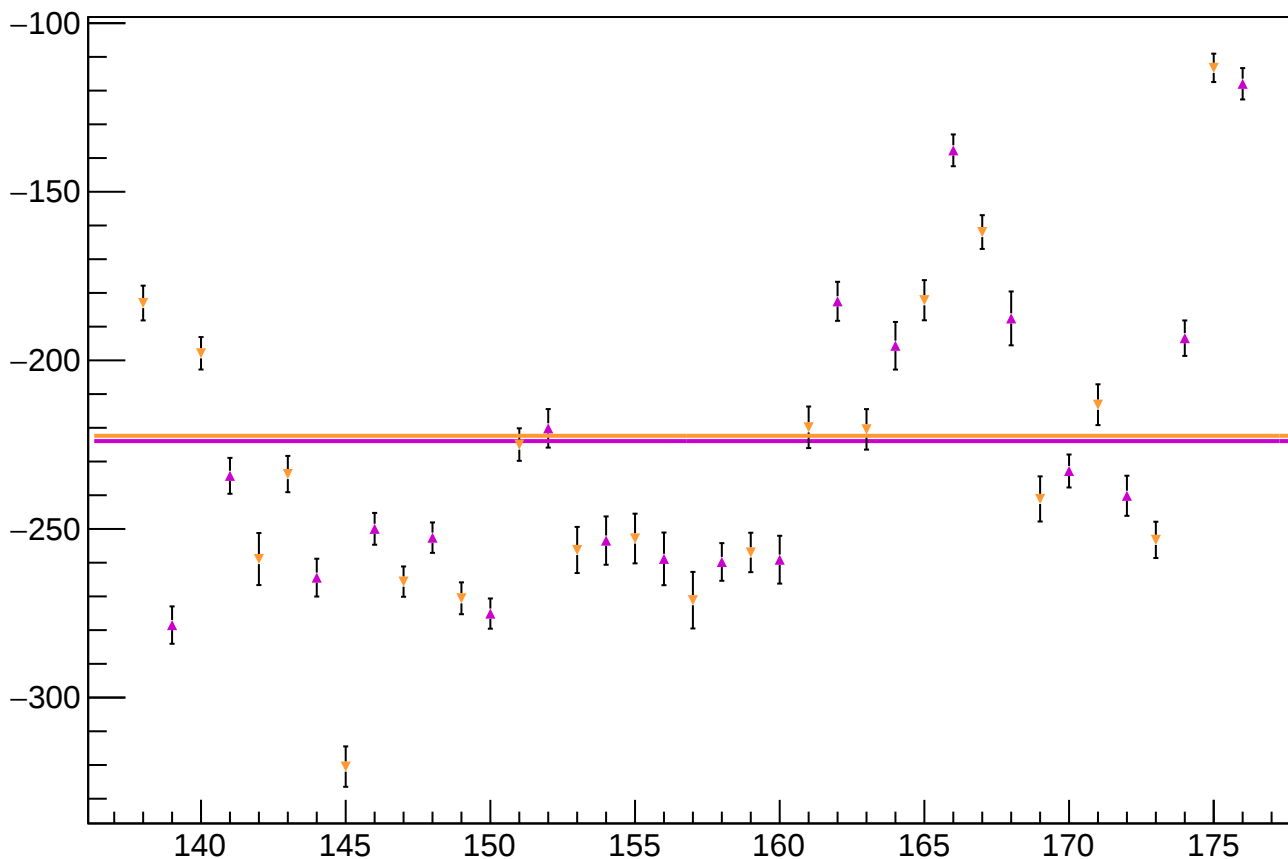
Left In: 11.259+/-0.018 χ^2/NDF : 558732.2/18

+ sign 8.537+/-0.018 χ^2/NDF : 1176418.5/36

All: 8.924+/-0.012 χ^2/NDF : 2083376.5/74

- sign 9.292+/-0.017 χ^2/NDF : 906006.6/37

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -222.367+/-1.247 χ^2/NDF :1594.2/19

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

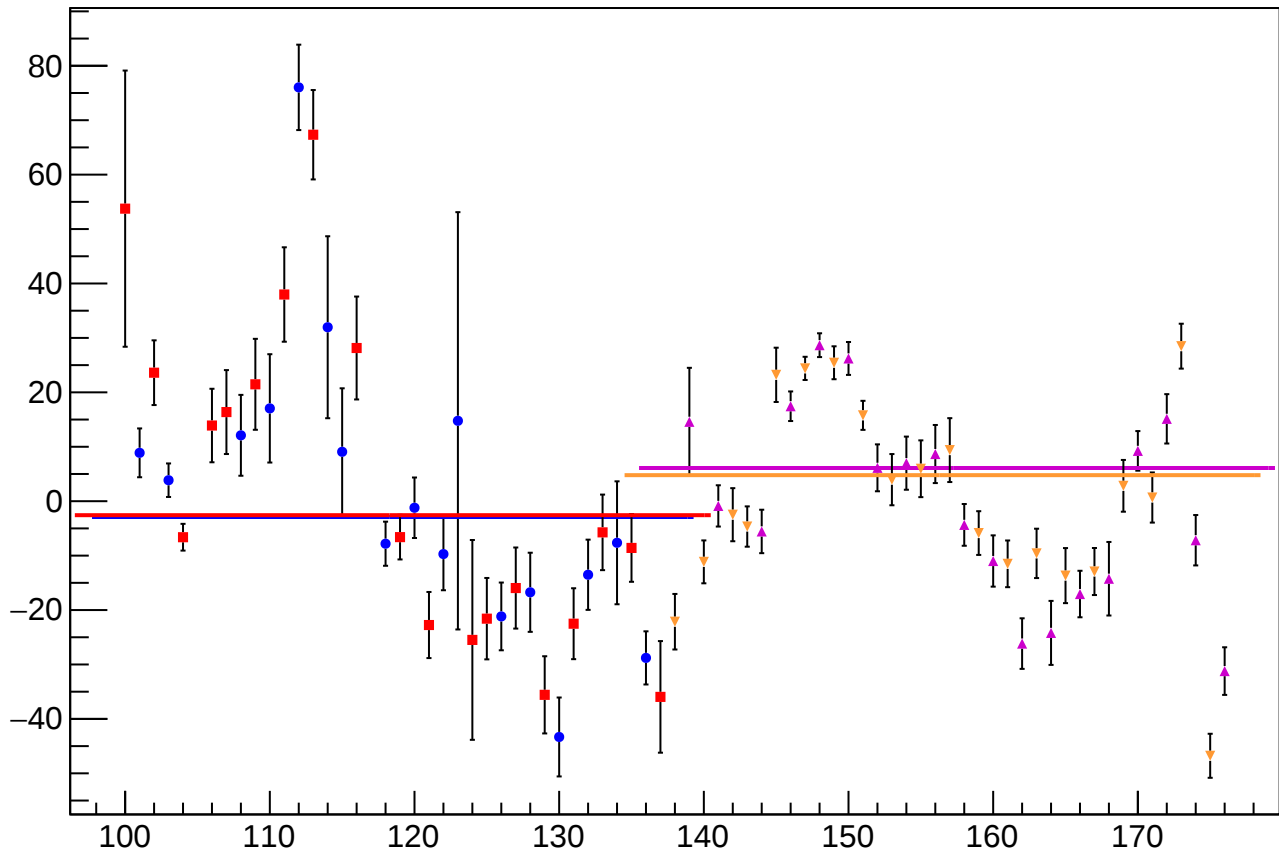
Left In: -223.938+/-1.265 χ^2/NDF :1443.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.141+/-0.888 χ^2/NDF : 3038.4/38

- 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 $\chi^2/\text{NDF}: 203.6/16$

Left Out: 4.783 ± 0.874 $\chi^2/\text{NDF}: 473.7/19$

Right Out: -2.570 ± 1.396 $\chi^2/\text{NDF}: 218.2/18$

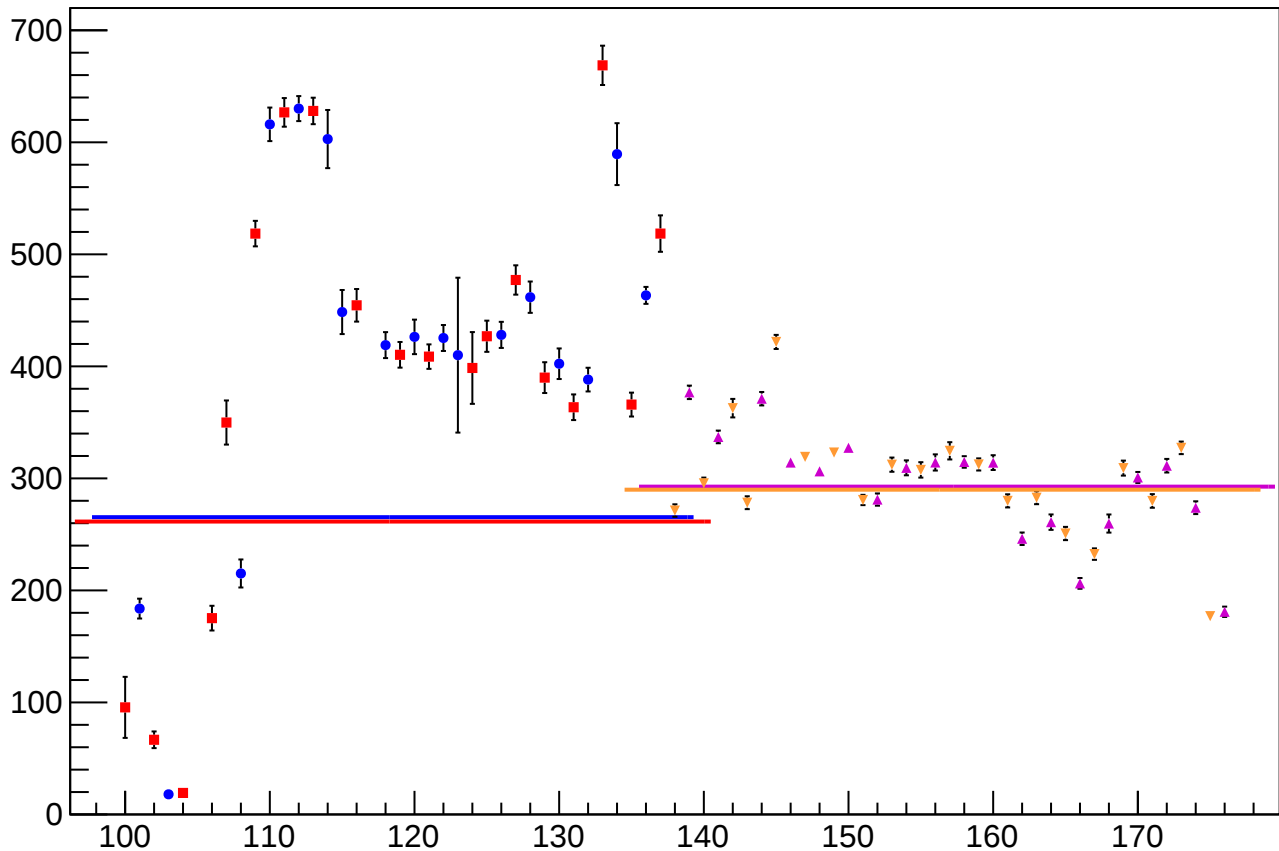
Left In: 6.100 ± 0.907 $\chi^2/\text{NDF}: 400.7/18$

+ sign 2.769 ± 0.751 $\chi^2/\text{NDF}: 697.5/36$

All: 3.143 ± 0.534 $\chi^2/\text{NDF}: 1344.0/74$

- sign 3.527 ± 0.761 $\chi^2/\text{NDF}: 646.0/37$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 265.369 $\pm$ 2.488 χ^2 /NDF: 7633.8/16

Left Out: 289.910 $\pm$ 1.235 χ^2 /NDF:1651.8/19

Right Out: 261.465 $\pm$ 2.458 χ^2 /NDF: 8204.3/18

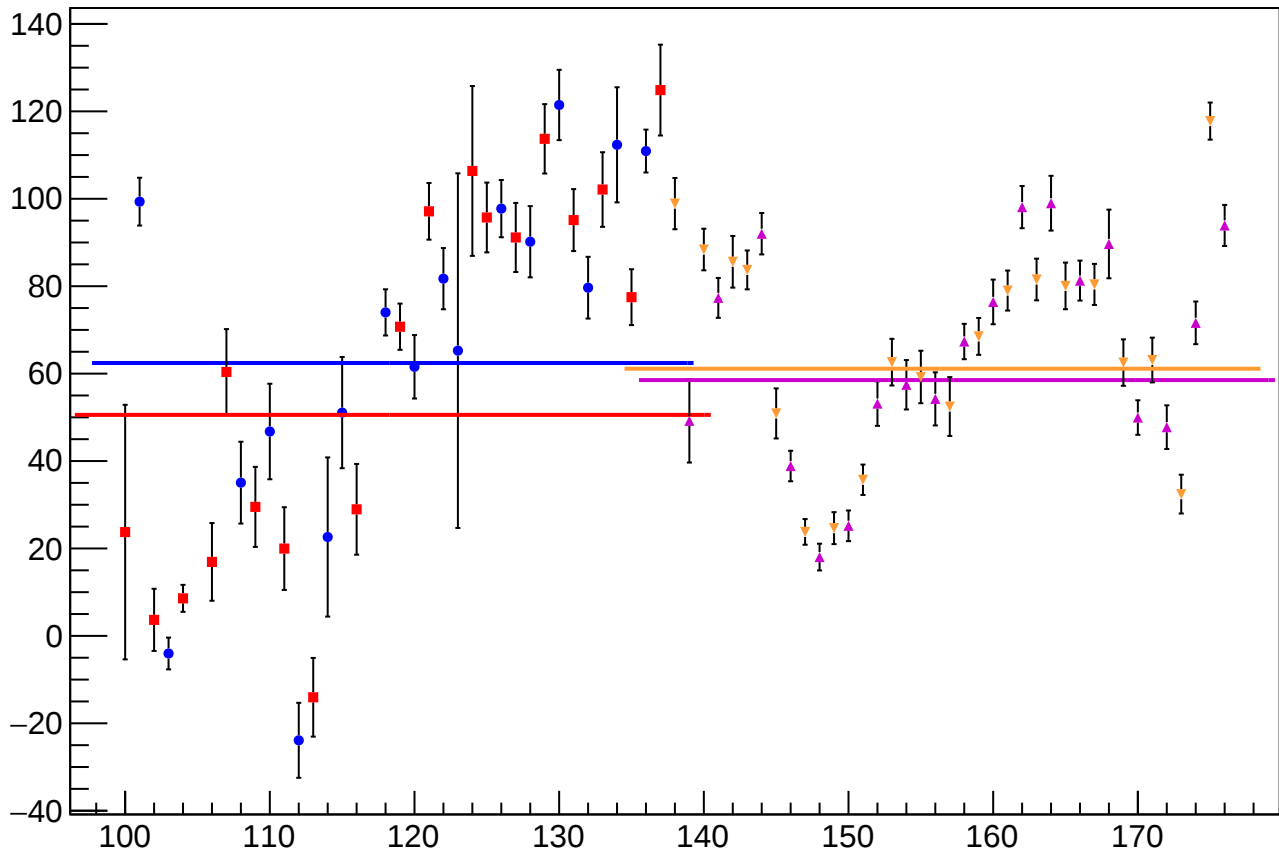
Left In: 292.633 $\pm$ 1.247 χ^2 /NDF:1623.0/18

+ sign 285.060 $\pm$ 1.106 χ^2 /NDF: 9363.6/36

All: 285.654 $\pm$ 0.784 χ^2 /NDF: 19319.4/74

- sign 286.254 $\pm$ 1.112 χ^2 /NDF: 9955.2/37

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.434 $\pm$ 1.694 χ^2 /NDF: 721.8/16

Left Out: 61.124 $\pm$ 1.026 χ^2 /NDF: 722.9/19

Right Out: 50.560 $\pm$ 1.642 χ^2 /NDF: 657.4/18

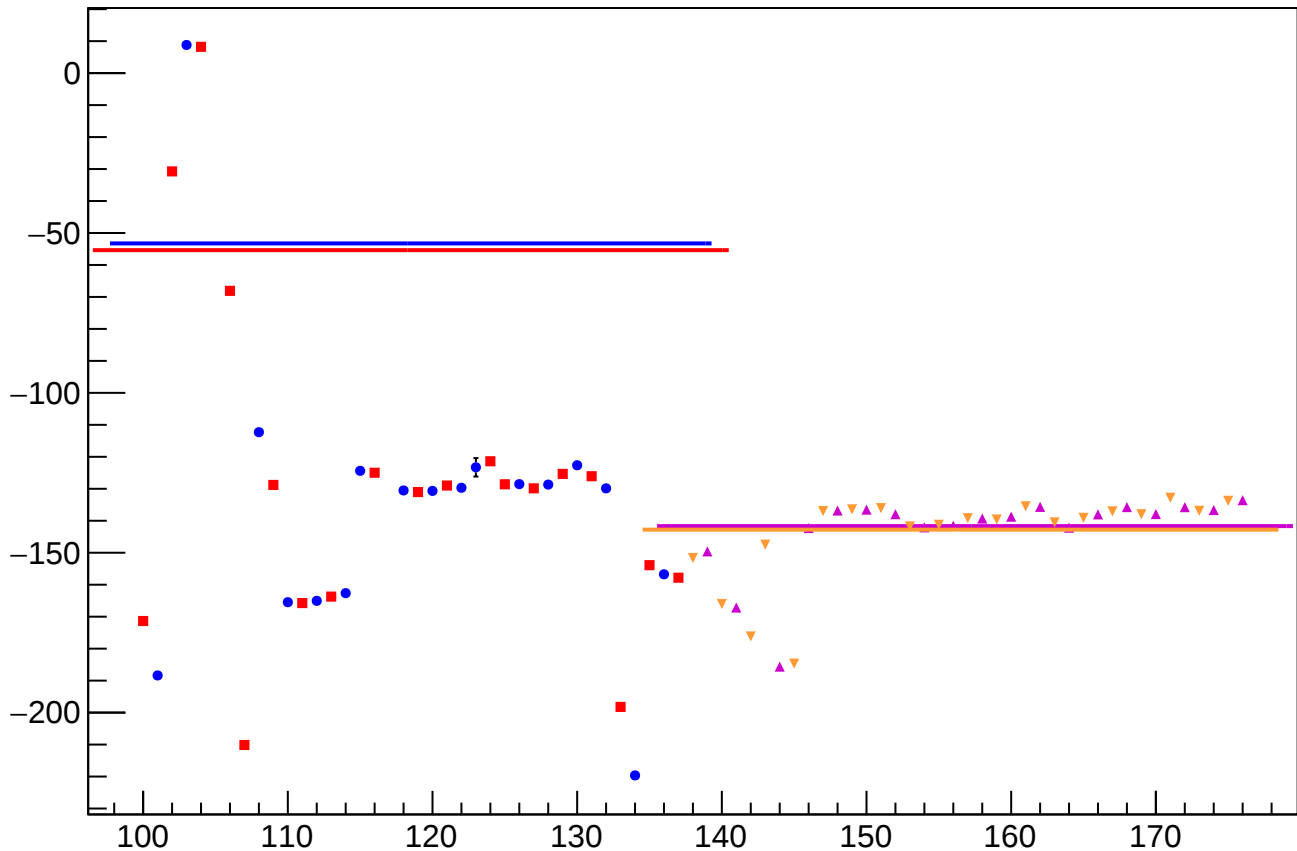
Left In: 58.522 $\pm$ 1.058 χ^2 /NDF: 606.4/18

+ sign 61.476 $\pm$ 0.878 χ^2 /NDF: 1445.1/36

All: 58.866 $\pm$ 0.625 χ^2 /NDF: 2743.5/74

- sign 56.187 $\pm$ 0.889 χ^2 /NDF: 1280.4/37

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.264 ± 0.070 χ^2/NDF : 1225492.9/16

Left Out: -142.783 ± 0.050 χ^2/NDF : 62422.5/19

Right Out: -55.373 ± 0.072 χ^2/NDF : 967027.2/18

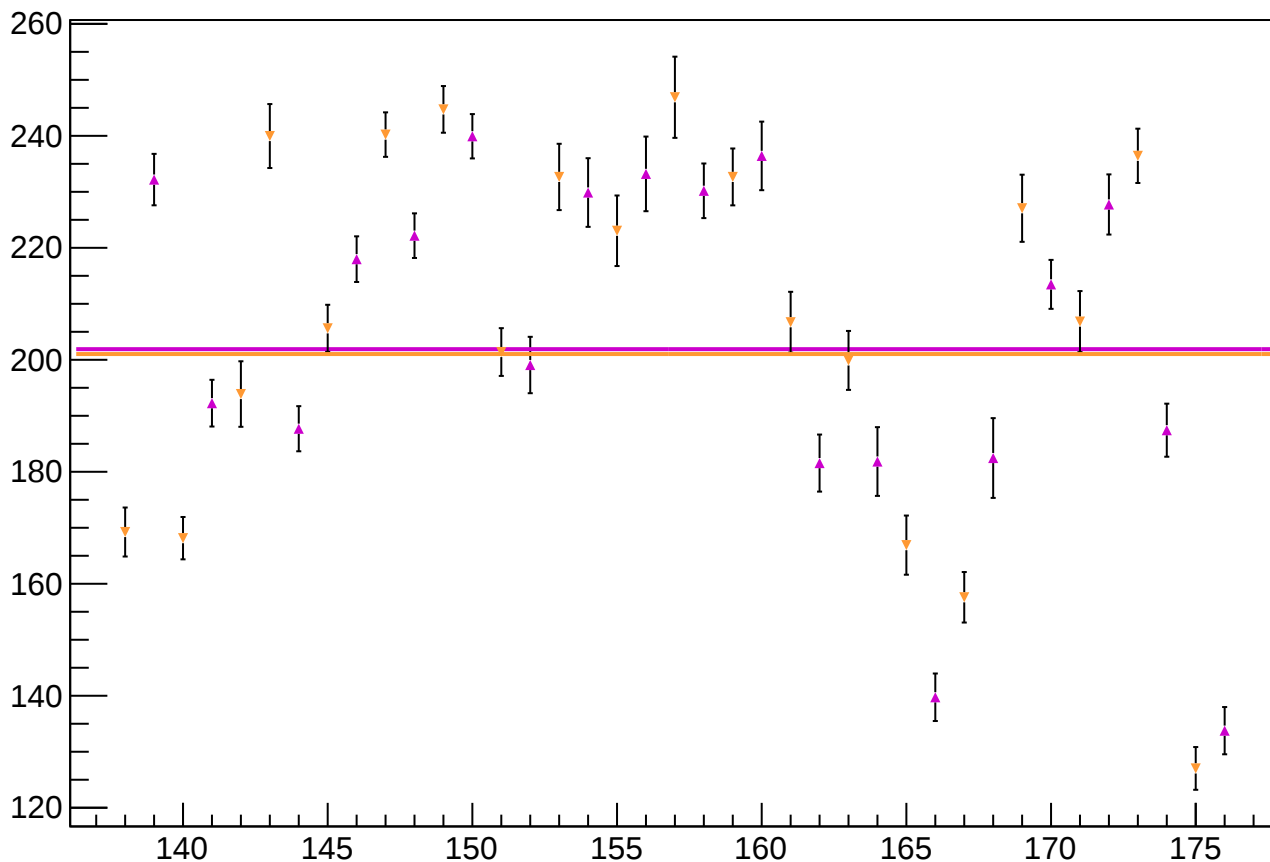
Left In: -141.675 ± 0.050 χ^2/NDF : 48656.5/18

+ sign -113.052 ± 0.041 χ^2/NDF : 2367466.0/36

All: -113.489 ± 0.029 χ^2/NDF : 4359582.2/74

- sign -113.930 ± 0.041 χ^2/NDF : 1991883.2/37

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 201.028+/-1.082 χ^2/NDF :1088.6/19

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

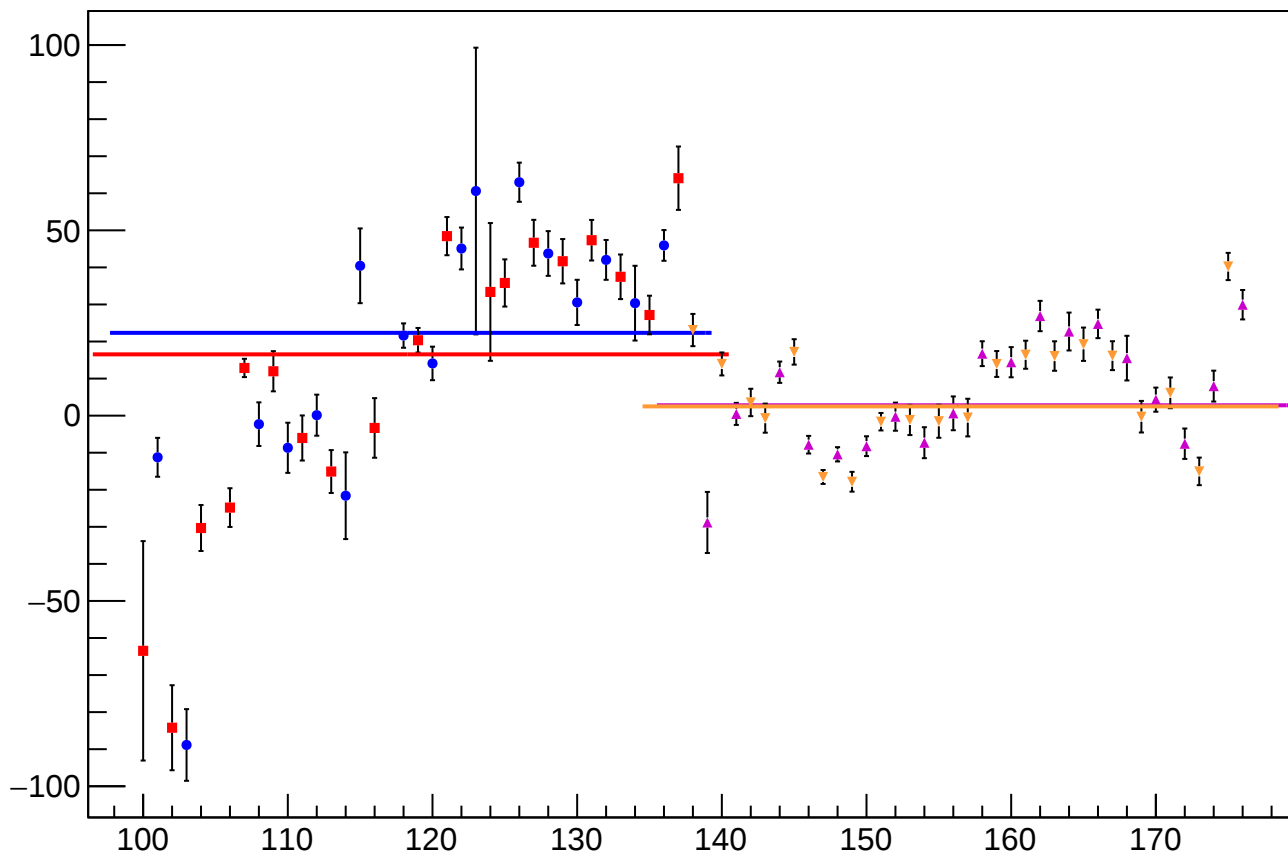
Left In: 201.901+/-1.092 χ^2/NDF :852.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.461+/-0.769 χ^2/NDF : 1941.6/38

- 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: 2.494 ± 0.762 χ^2/NDF : 411.7/19

Right Out: 16.537 ± 1.227 χ^2/NDF : 426.6/18

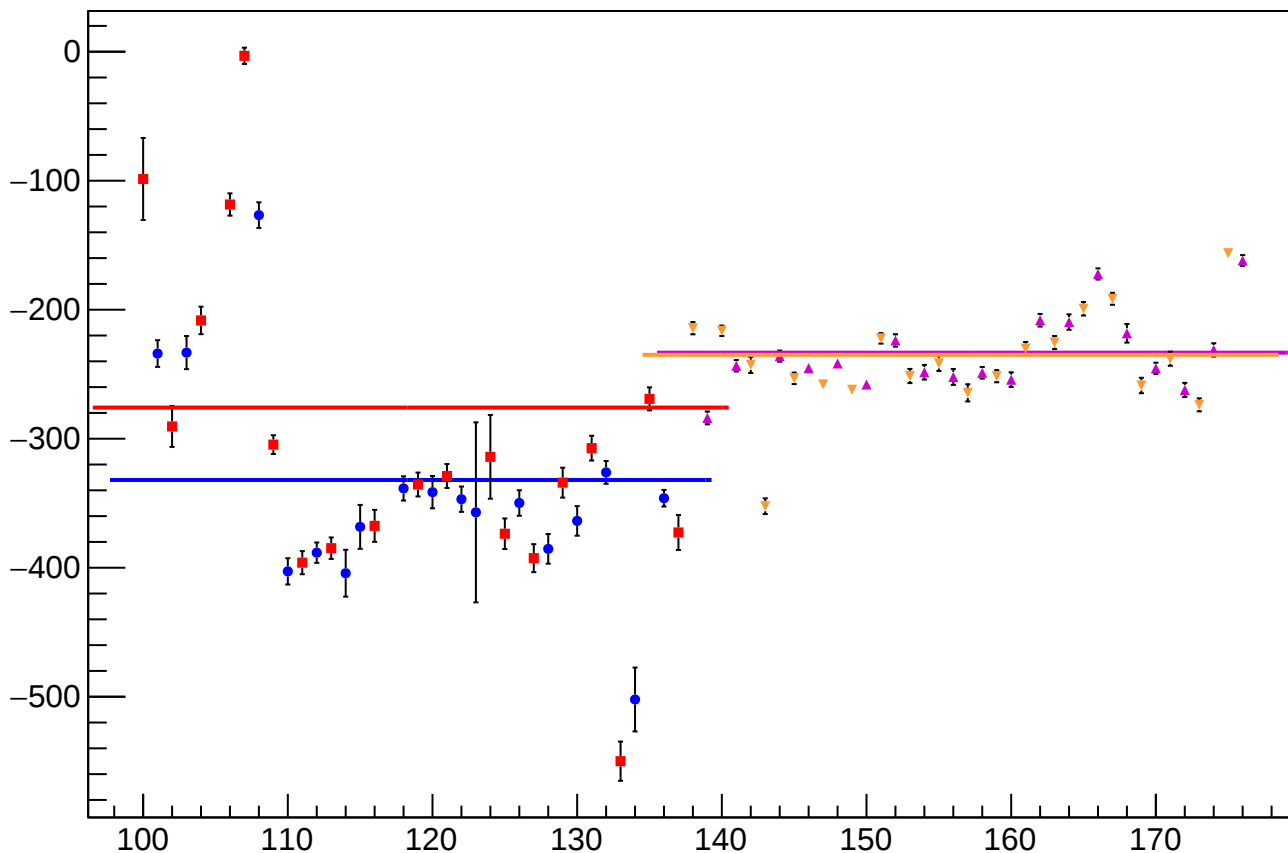
Left In: 2.795 ± 0.784 χ^2/NDF : 282.8/18

+ sign 7.056 ± 0.669 χ^2/NDF : 953.4/36

All: 6.916 ± 0.470 χ^2/NDF : 1751.9/74

- sign 6.779 ± 0.661 χ^2/NDF : 798.4/37

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.989 ± 2.580 χ^2/NDF : 785.0/16

Left Out: -234.980 ± 1.075 χ^2/NDF : 1208.4/19

Right Out: -275.842 ± 2.325 χ^2/NDF : 3362.2/18

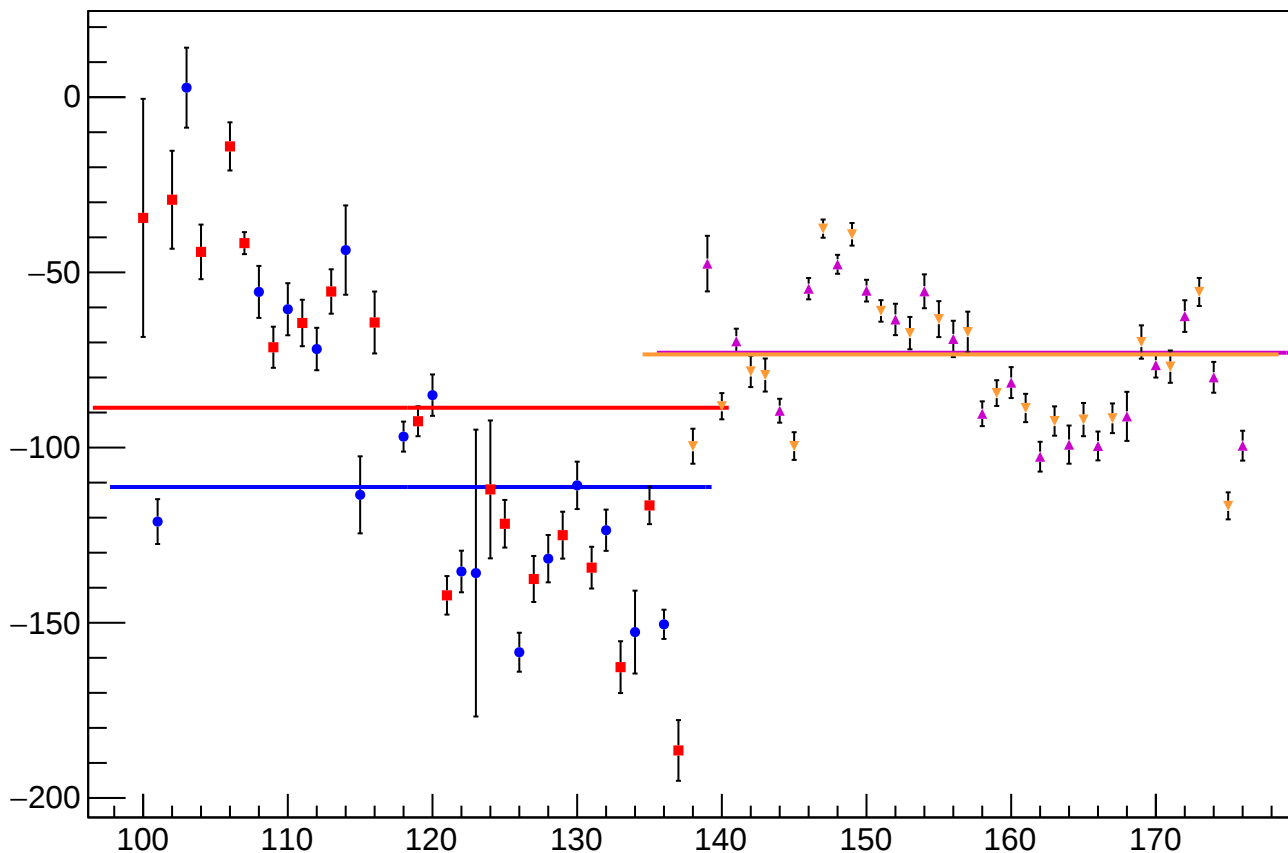
Left In: -233.304 ± 1.079 χ^2/NDF : 787.7/18

+ sign -249.322 ± 0.992 χ^2/NDF : 3198.0/36

All: -245.028 ± 0.697 χ^2/NDF : 7660.4/74

- sign -240.847 ± 0.979 χ^2/NDF : 4425.4/37

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.257 ± 1.597 χ^2/NDF : 509.6/16

Left Out: -73.412 ± 0.895 χ^2/NDF : 641.3/19

Right Out: -88.633 ± 1.433 χ^2/NDF : 971.0/18

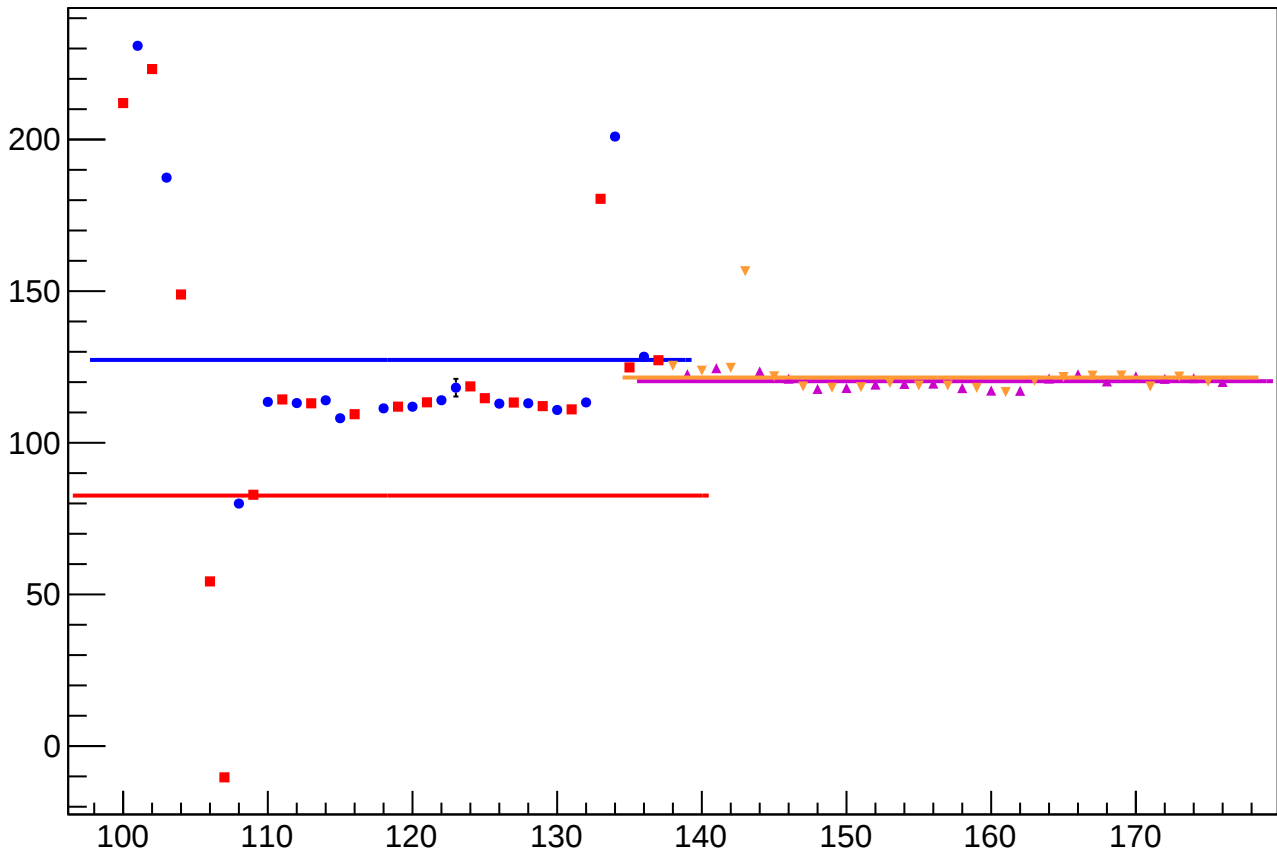
Left In: -72.935 ± 0.915 χ^2/NDF : 404.9/18

+ sign -82.451 ± 0.781 χ^2/NDF : 1578.2/36

All: -79.936 ± 0.549 χ^2/NDF : 3059.8/74

- sign -77.481 ± 0.771 χ^2/NDF : 1461.1/37

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.323+/-0.089 χ^2/NDF : 187776.4/16

Left Out: 121.520+/-0.043 χ^2/NDF : 23993.1/19

Right Out: 82.595+/-0.075 χ^2/NDF : 765022.5/18

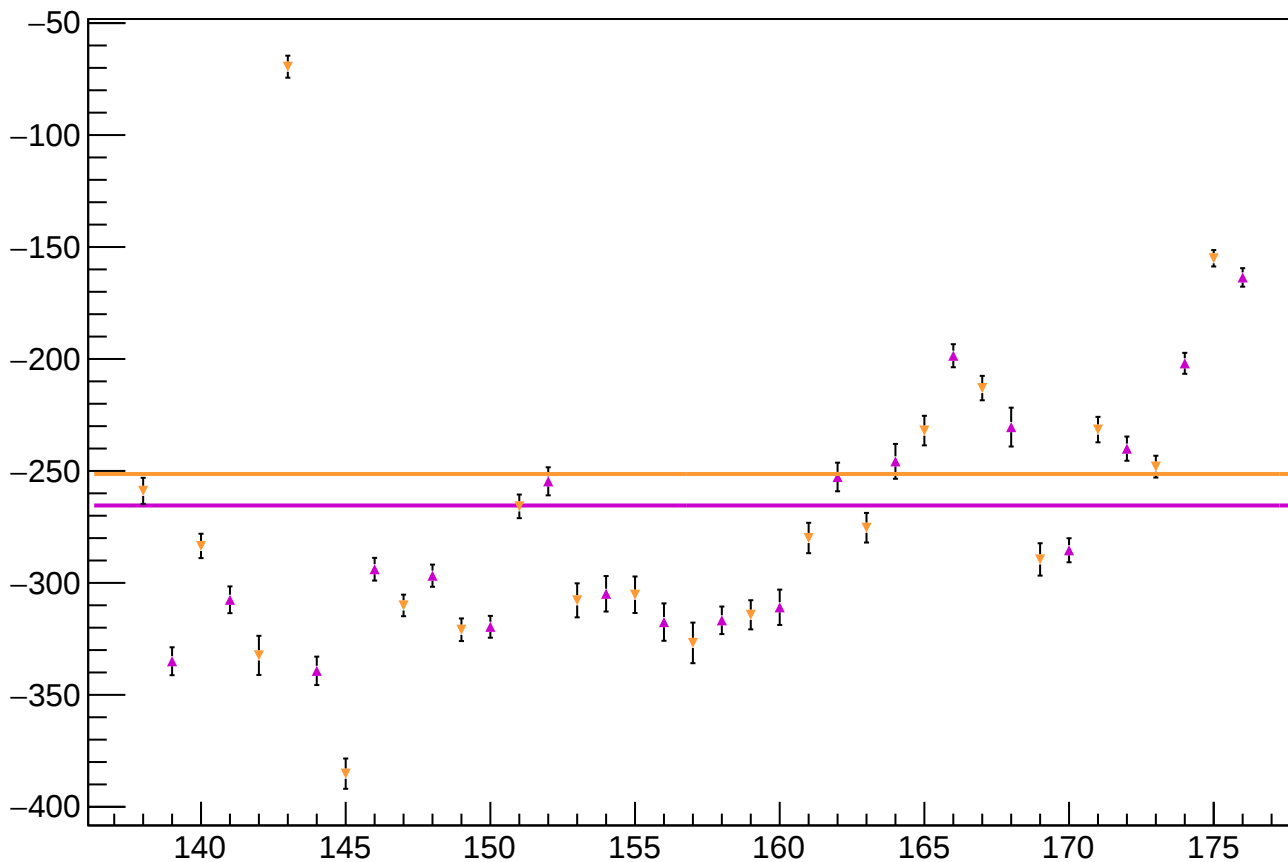
Left In: 120.309+/-0.043 χ^2/NDF : 2564.3/18

+ sign 122.616+/-0.039 χ^2/NDF : 215183.8/36

All: 116.609+/-0.027 χ^2/NDF : 1217733.9/74

- sign 111.086+/-0.037 χ^2/NDF : 956717.7/37

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -251.358+/-1.298 χ^2/NDF : 3307.2/19

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

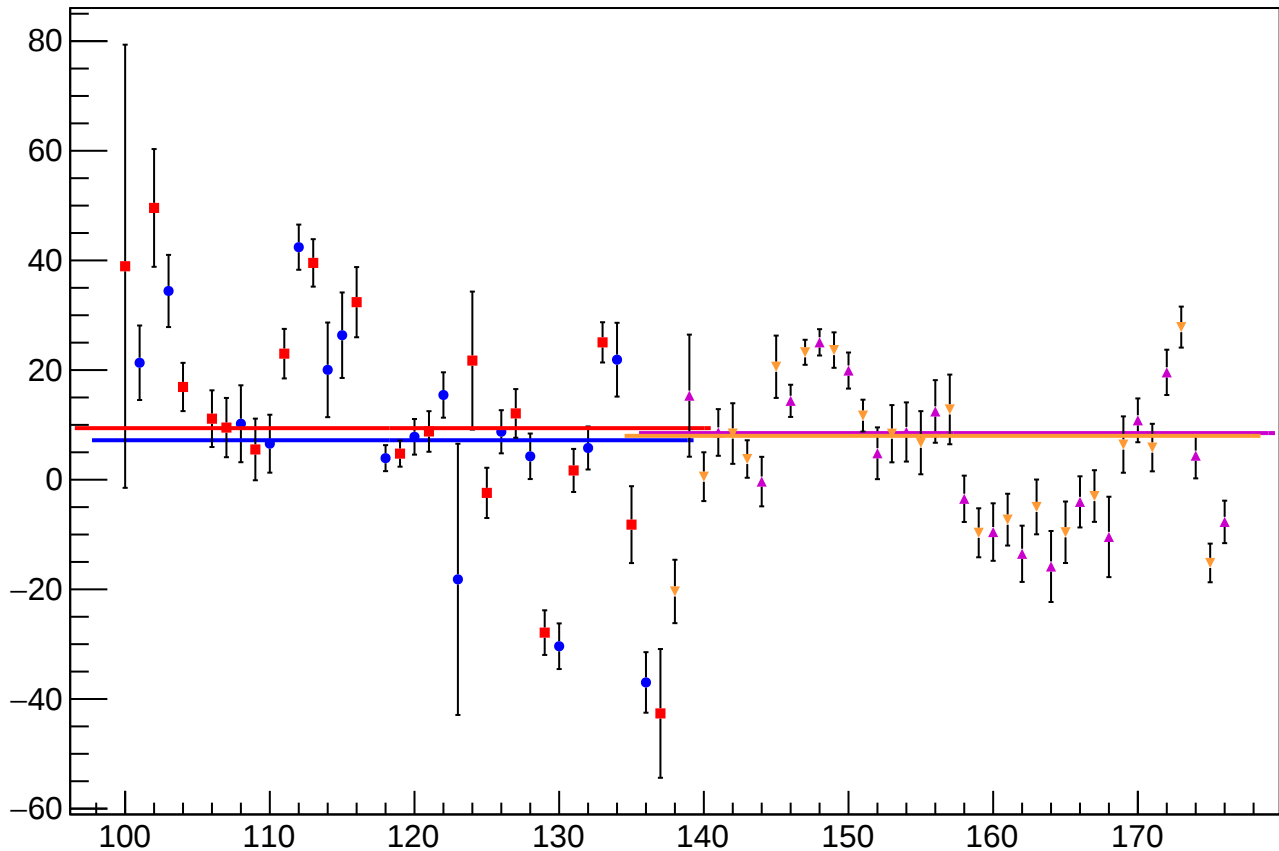
Left In: -265.429+/-1.332 χ^2/NDF : 1696.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.211+/-0.929 χ^2/NDF : 5060.9/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.199 ± 1.103 χ^2/NDF : 260.9/16

Left Out: 8.003 ± 0.920 χ^2/NDF : 223.4/19

Right Out: 9.403 ± 1.071 χ^2/NDF : 232.2/18

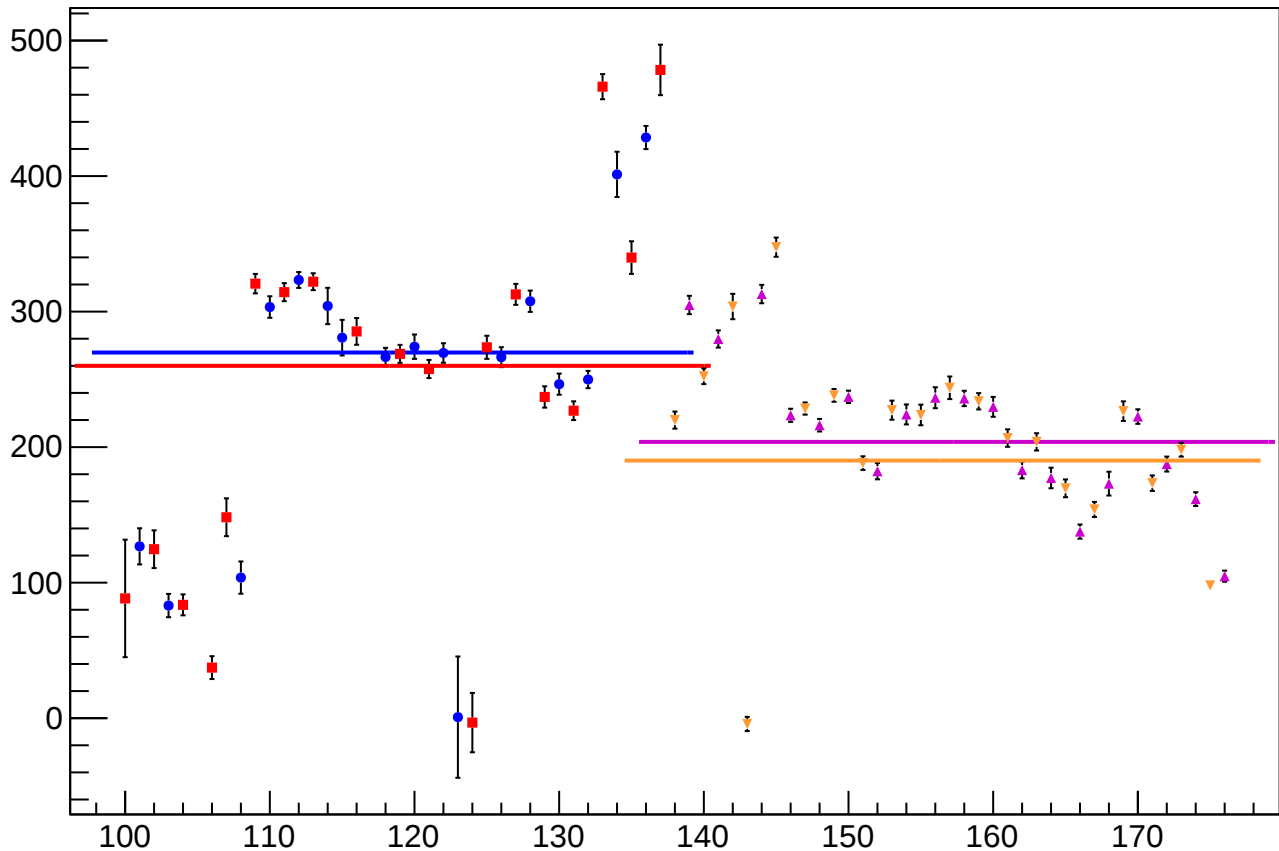
Left In: 8.505 ± 0.967 χ^2/NDF : 161.2/18

+ sign 7.673 ± 0.706 χ^2/NDF : 484.6/36

All: 8.281 ± 0.504 χ^2/NDF : 879.9/74

- sign 8.908 ± 0.718 χ^2/NDF : 393.8/37

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.806 $\pm$ 2.089 χ^2 /NDF: 1374.1/16

Left Out: 190.105 $\pm$ 1.288 χ^2 /NDF: 3199.2/19

Right Out: 259.980 $\pm$ 1.977 χ^2 /NDF: 2538.6/18

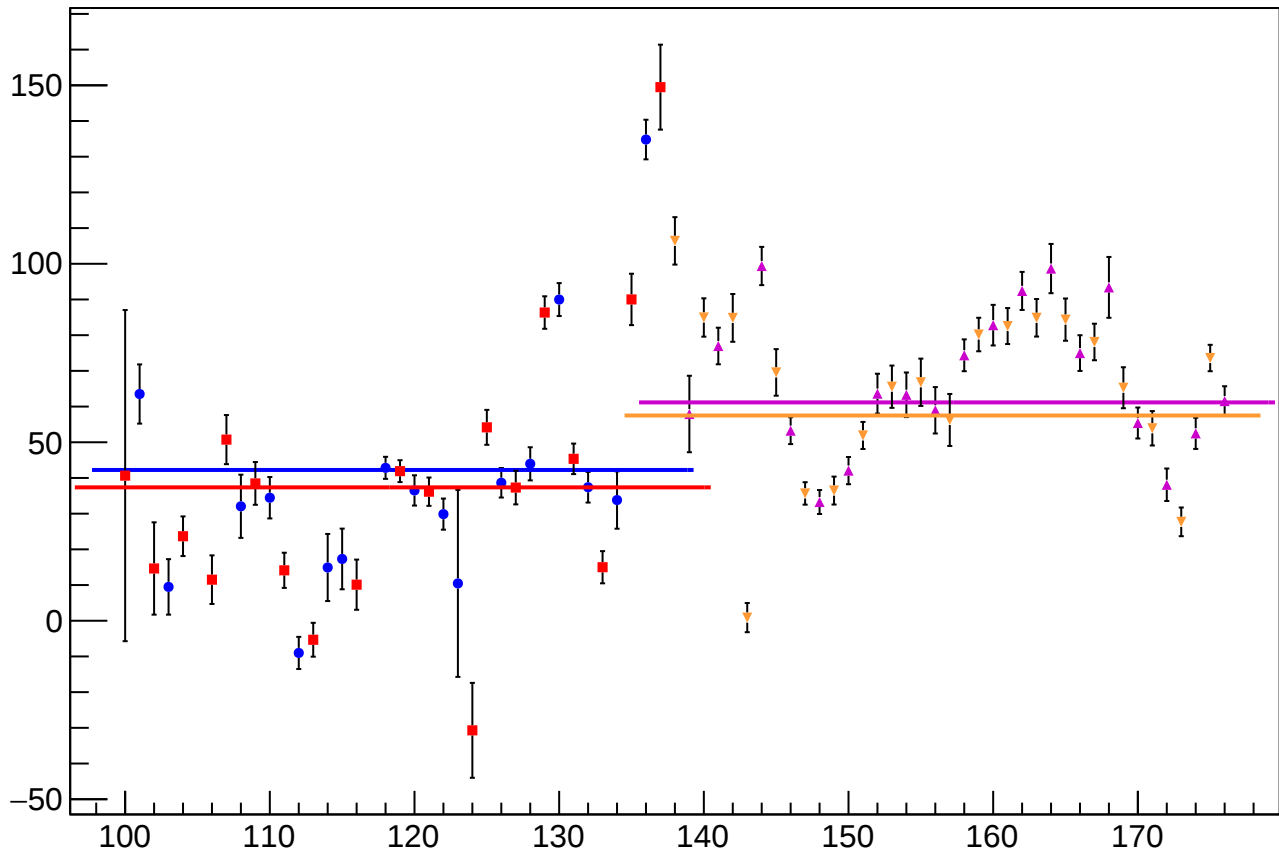
Left In: 203.864 $\pm$ 1.316 χ^2 /NDF: 1656.0/18

+ sign 212.057 $\pm$ 1.096 χ^2 /NDF: 5627.9/36

All: 216.582 $\pm$ 0.775 χ^2 /NDF: 10414.8/74

- sign 221.100 $\pm$ 1.096 χ^2 /NDF: 4752.9/37

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.242 ± 1.274 $\chi^2/\text{NDF}: 574.4/16$

Left Out: 57.496 ± 1.075 $\chi^2/\text{NDF}: 563.2/19$

Right Out: 37.367 ± 1.235 $\chi^2/\text{NDF}: 472.3/18$

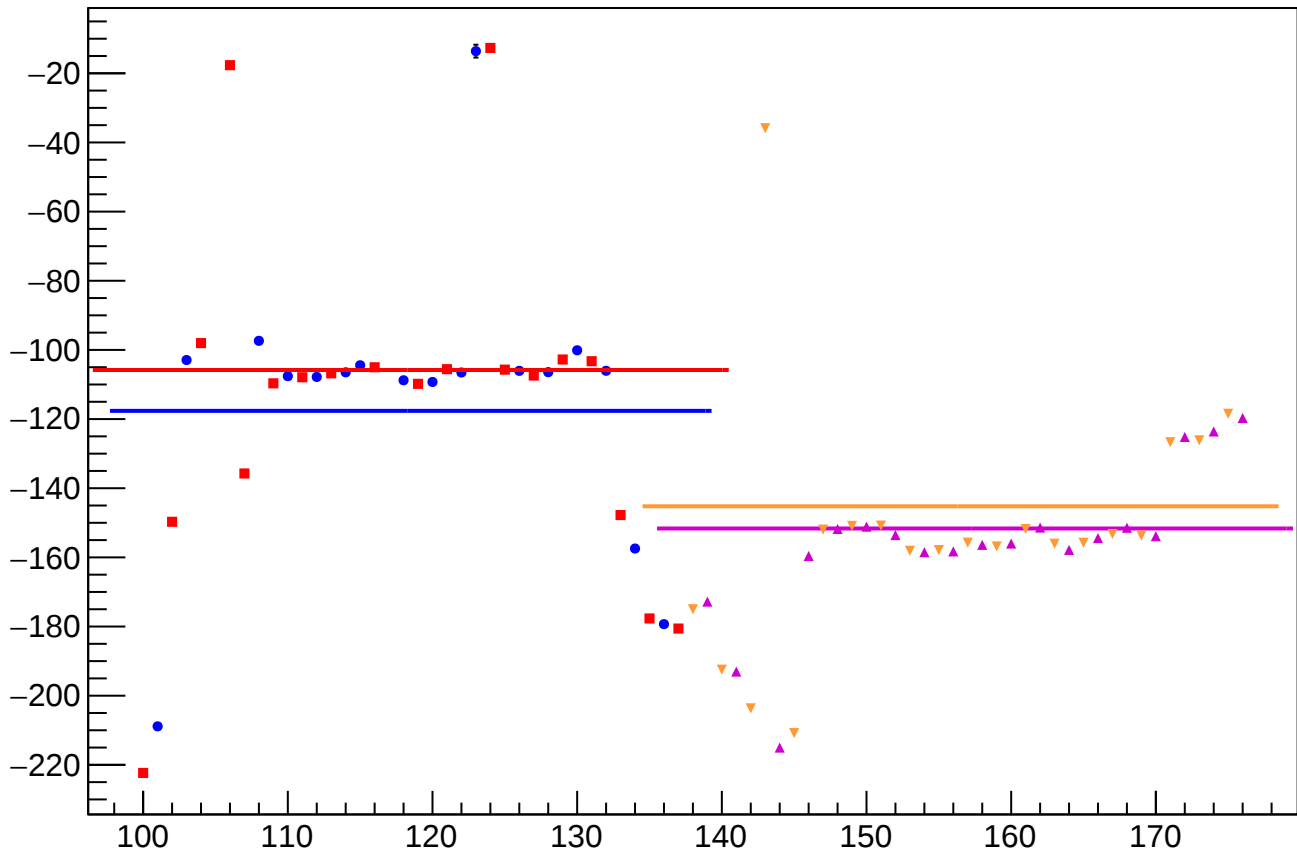
Left In: 61.167 ± 1.122 $\chi^2/\text{NDF}: 299.9/18$

+ sign 51.148 ± 0.822 $\chi^2/\text{NDF}: 1221.4/36$

All: 50.777 ± 0.584 $\chi^2/\text{NDF}: 2197.5/74$

- sign 50.397 ± 0.830 $\chi^2/\text{NDF}: 975.7/37$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.625+/-0.079 χ^2/NDF : 141872.3/16

Left Out: -145.225+/-0.052 χ^2/NDF : 457736.4/19

Right Out: -105.807+/-0.073 χ^2/NDF : 323108.1/18

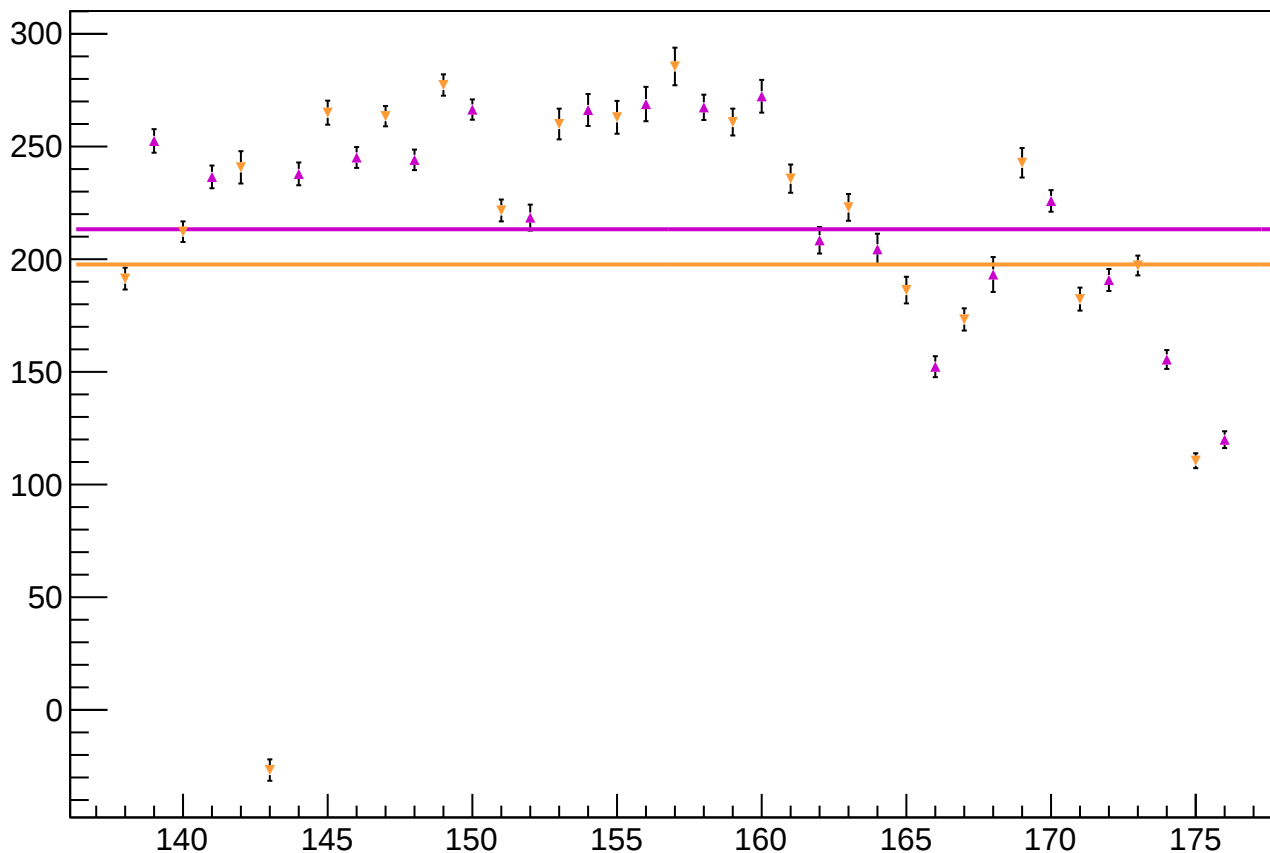
Left In: -151.645+/-0.052 χ^2/NDF : 154380.3/18

+ sign -136.819+/-0.043 χ^2/NDF : 685518.4/36

All: -136.427+/-0.030 χ^2/NDF : 1424648.2/74

- sign -136.051+/-0.042 χ^2/NDF : 738969.4/37

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 197.668+/-1.165 χ^2/NDF :4175.4/19

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

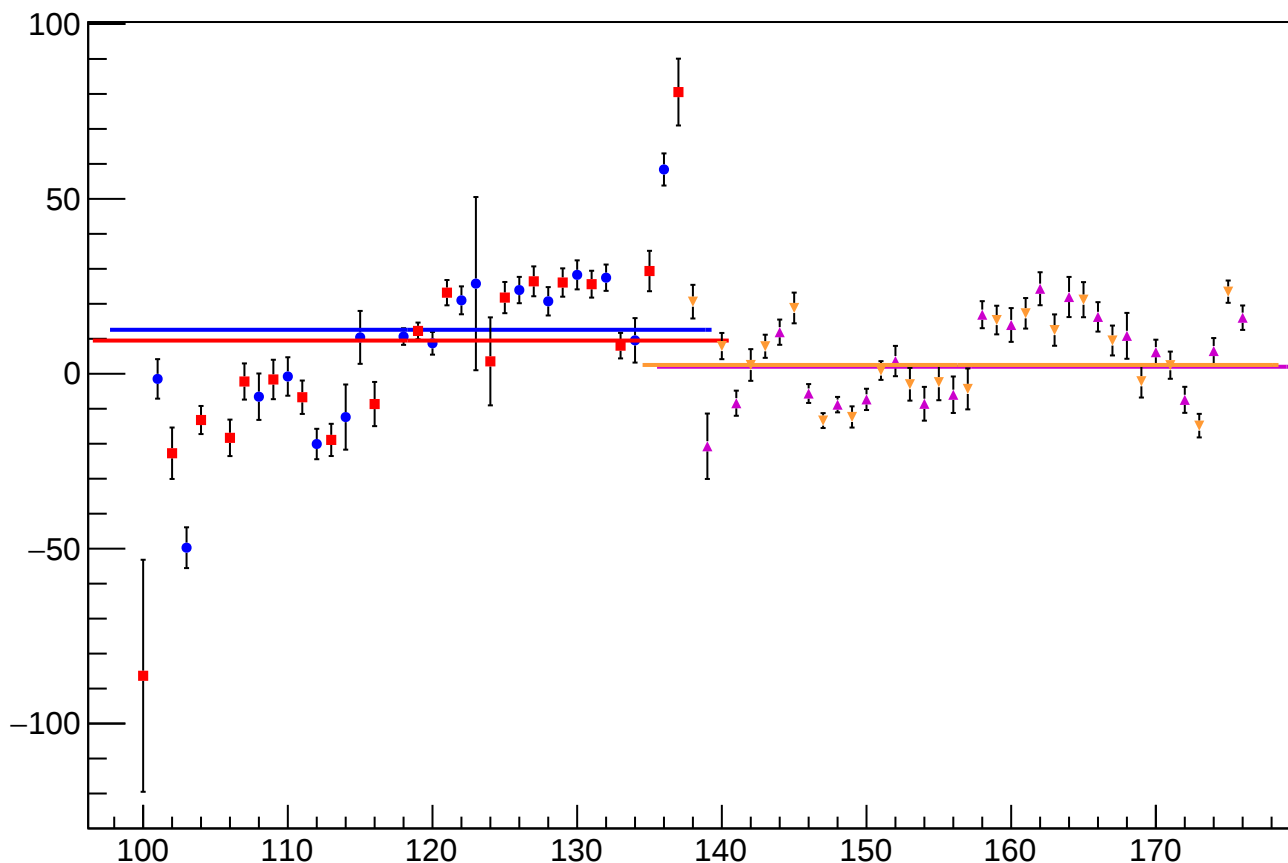
Left In: 213.293+/-1.191 χ^2/NDF :1627.6/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.306+/-0.833 χ^2/NDF : 5891.0/38

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.574 $\pm$ 1.074 χ^2 /NDF: 348.0/16

Left Out: 2.519 $\pm$ 0.833 χ^2 /NDF: 229.8/19

Right Out: 9.493 $\pm$ 1.047 χ^2 /NDF: 295.8/18

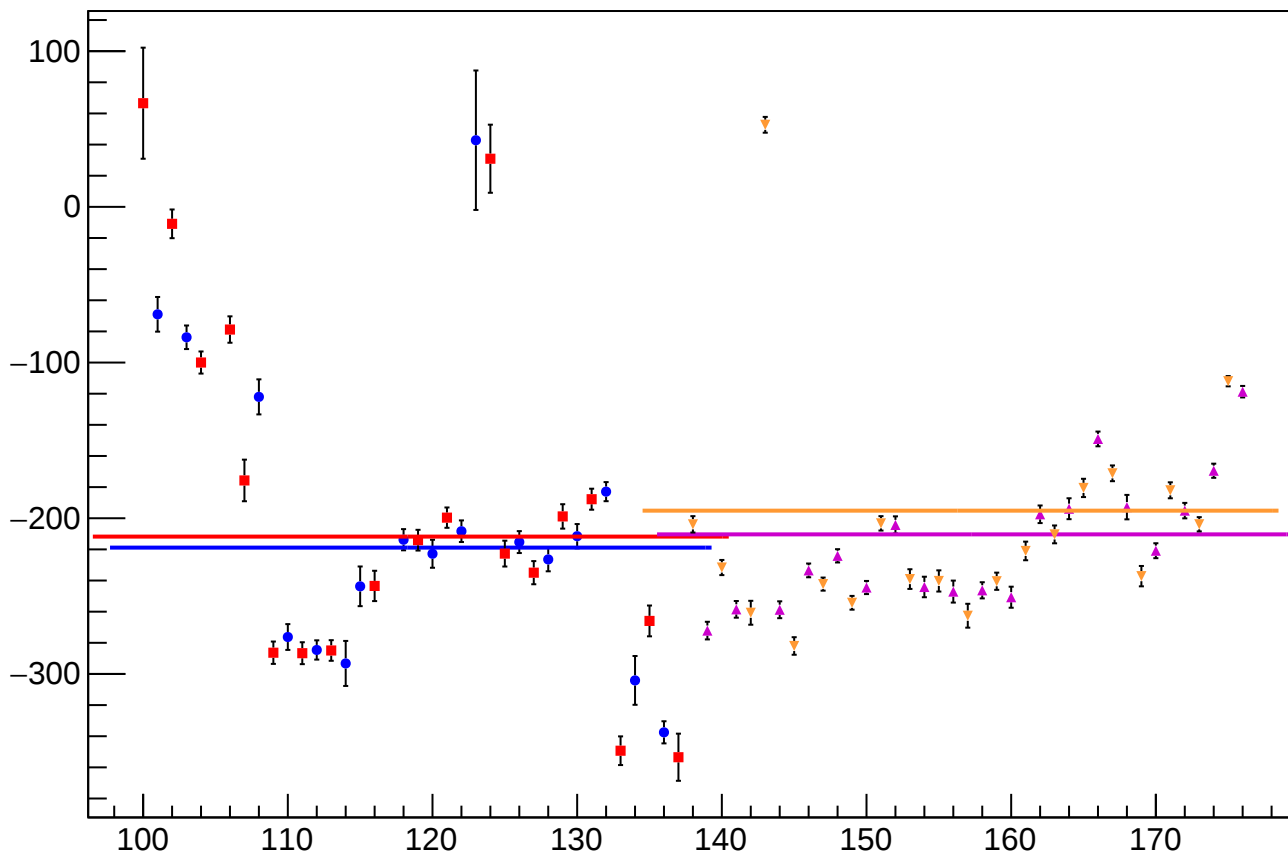
Left In: 2.006 $\pm$ 0.871 χ^2 /NDF: 164.7/18

+ sign 6.293 $\pm$ 0.658 χ^2 /NDF: 632.6/36

All: 5.690 $\pm$ 0.469 χ^2 /NDF: 1125.1/74

- sign 5.065 $\pm$ 0.669 χ^2 /NDF: 490.8/37

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.855 ± 2.023 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -195.122 ± 1.159 $\chi^2/\text{NDF}: 4038.0/19$

Right Out: -211.780 ± 1.924 $\chi^2/\text{NDF}: 1885.2/18$

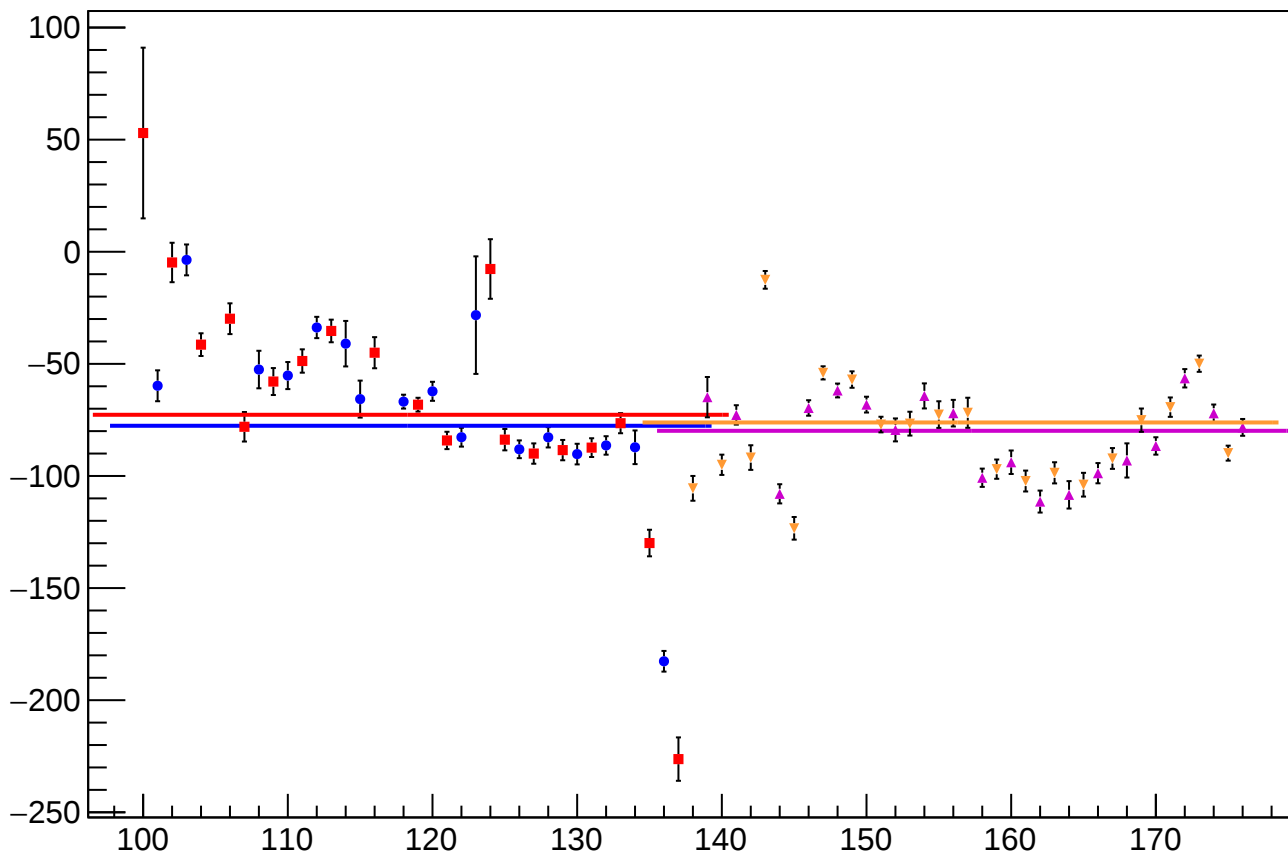
Left In: -210.351 ± 1.181 $\chi^2/\text{NDF}: 1416.0/18$

+ sign -200.992 ± 1.006 $\chi^2/\text{NDF}: 5288.2/36$

All: -205.865 ± 0.711 $\chi^2/\text{NDF}: 8636.7/74$

- sign -210.742 ± 1.006 $\chi^2/\text{NDF}: 3301.6/37$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.612 ± 1.236 χ^2/NDF : 815.9/16

Left Out: -76.137 ± 0.971 χ^2/NDF : 673.7/19

Right Out: -72.710 ± 1.206 χ^2/NDF : 671.4/18

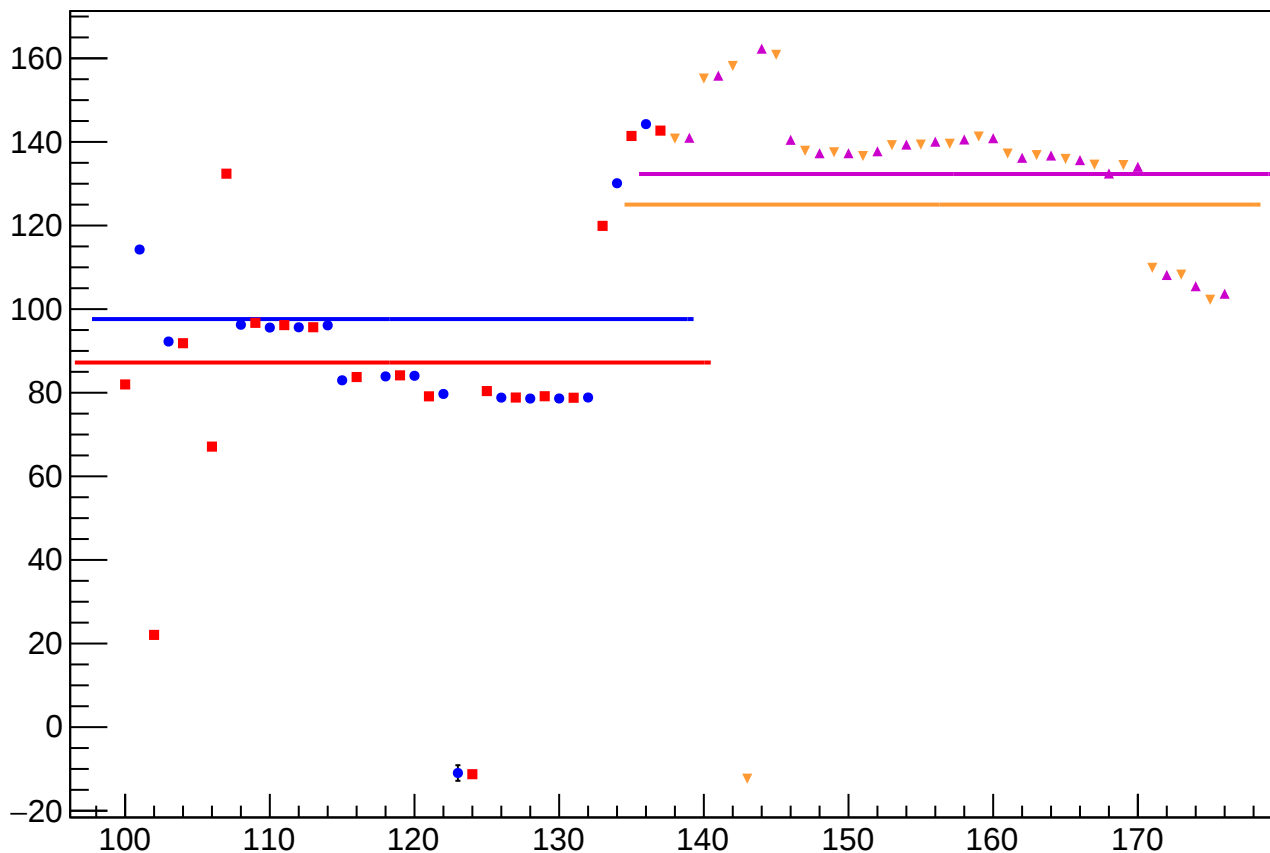
Left In: -79.856 ± 1.009 χ^2/NDF : 269.0/18

+ sign -76.700 ± 0.764 χ^2/NDF : 1490.4/36

All: -76.805 ± 0.544 χ^2/NDF : 2451.6/74

- sign -76.914 ± 0.774 χ^2/NDF : 961.1/37

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.620 $\pm$ 0.074 χ^2 /NDF: 94045.2/16

Left Out: 125.009 $\pm$ 0.047 χ^2 /NDF: 598744.9/19

Right Out: 87.226 $\pm$ 0.068 χ^2 /NDF: 220850.5/18

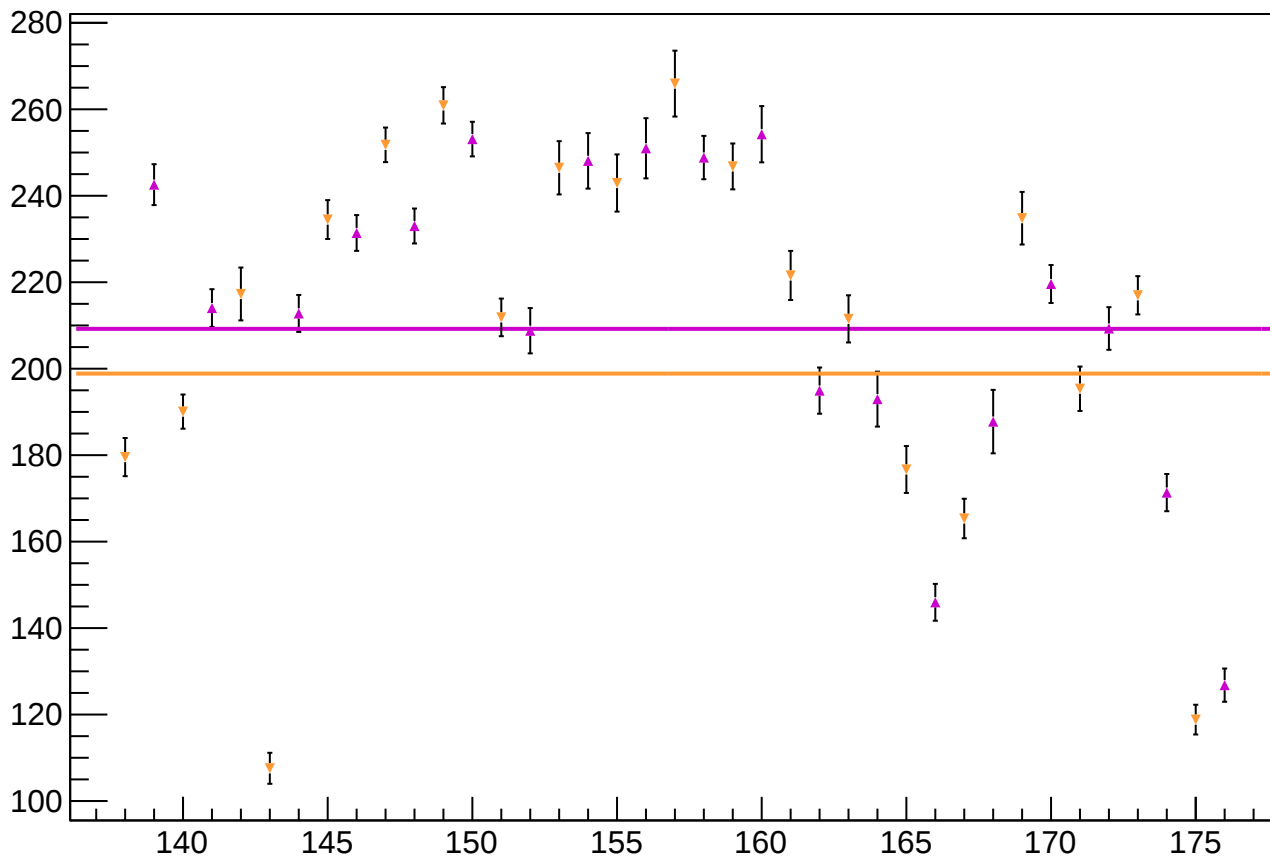
Left In: 132.324 $\pm$ 0.047 χ^2 /NDF: 114023.1/18

+ sign 117.158 $\pm$ 0.039 χ^2 /NDF: 791279.0/36

All: 117.527 $\pm$ 0.028 χ^2 /NDF: 1422949.1/74

- sign 117.880 $\pm$ 0.039 χ^2 /NDF: 631499.0/37

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: 198.863+/-1.060 χ^2/NDF :2093.7/19

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

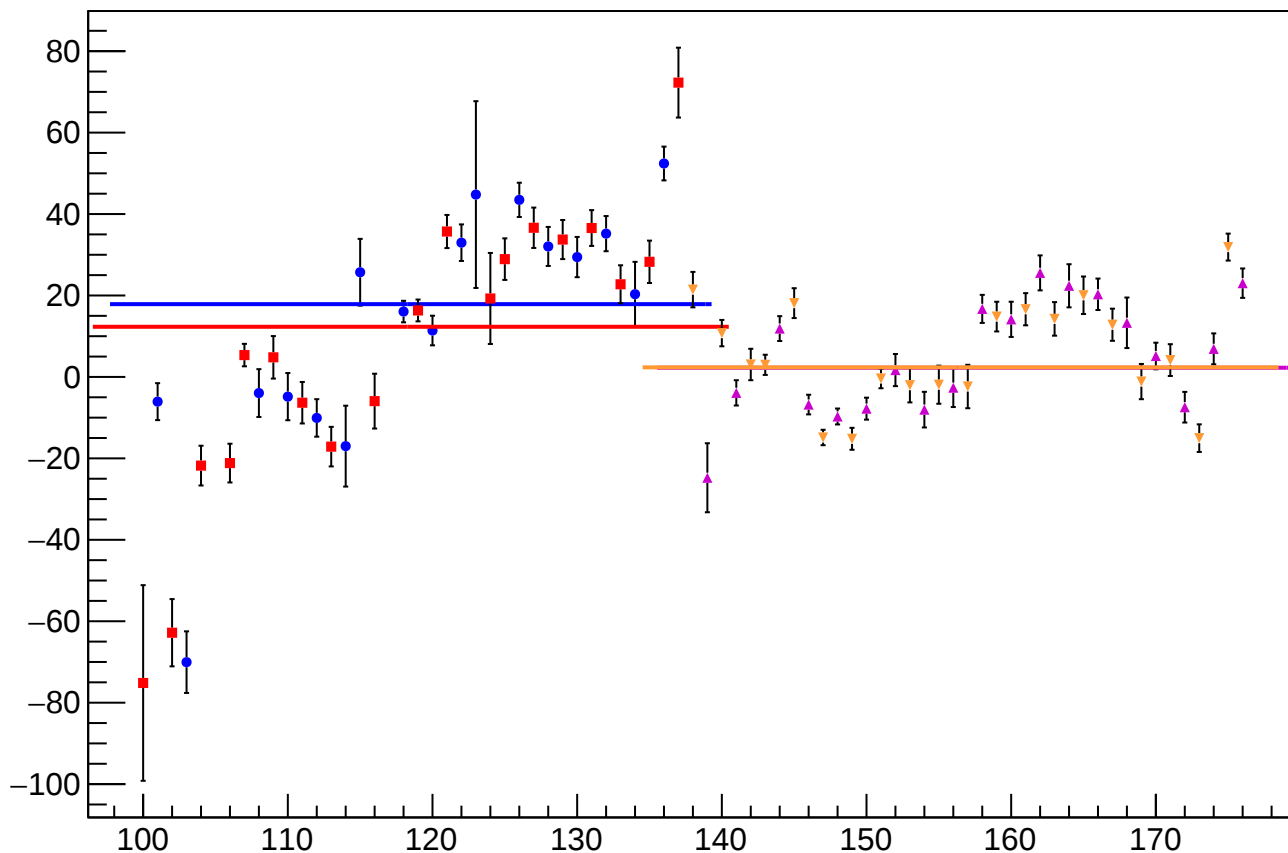
Left In: 209.218+/-1.100 χ^2/NDF :1203.4/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.850+/-0.763 χ^2/NDF : 3343.1/38

- 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: 2.352 $\pm$ 0.748 χ^2 /NDF:335.2/19

Right Out: 12.317 $\pm$ 1.083 χ^2 /NDF: 444.0/18

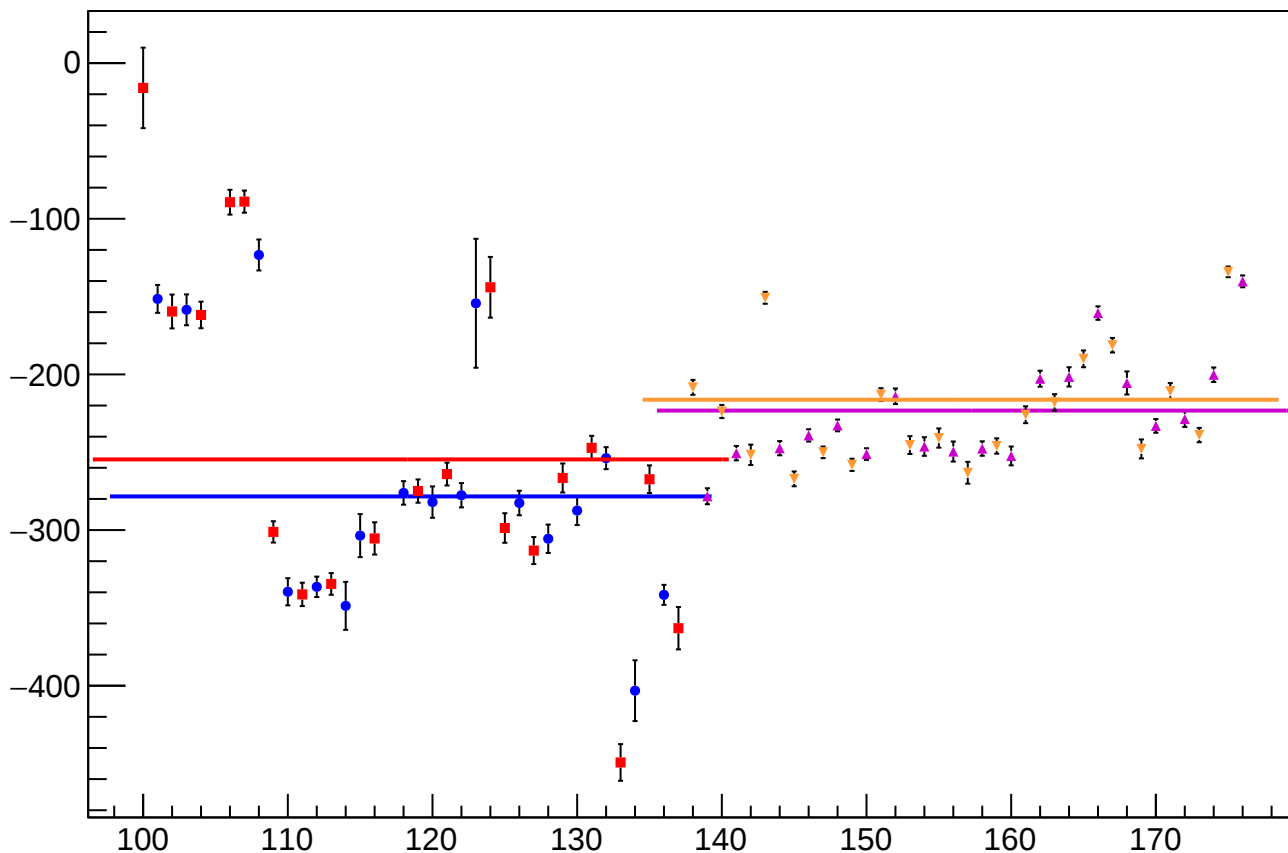
Left In: 2.260 $\pm$ 0.794 χ^2 /NDF:232.1/18

+ sign 6.880 $\pm$ 0.630 χ^2 /NDF: 856.1/36

All: 6.336 $\pm$ 0.449 χ^2 /NDF: 1589.8/74

- sign 5.773 $\pm$ 0.640 χ^2 /NDF: 732.2/37

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.380 $\pm$ 2.185 χ^2 /NDF: 910.6/16

Left Out: -216.241 $\pm$ 1.057 χ^2 /NDF:1467.8/19

Right Out: -254.603 $\pm$ 2.020 χ^2 /NDF: 2037.5/18

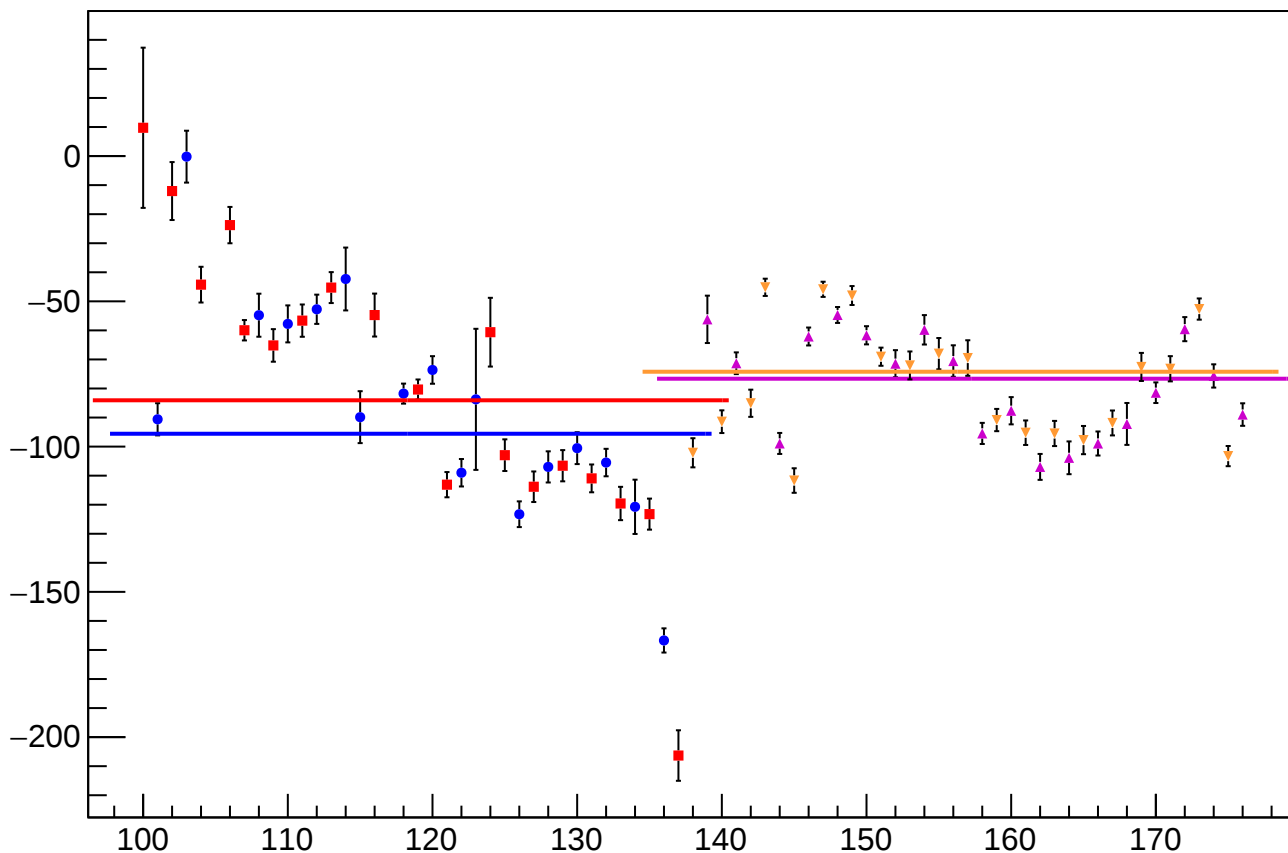
Left In: -223.238 $\pm$ 1.088 χ^2 /NDF:1090.8/18

+ sign -228.021 $\pm$ 0.951 χ^2 /NDF: 3034.0/36

All: -229.150 $\pm$ 0.675 χ^2 /NDF: 6352.0/74

- sign -230.294 $\pm$ 0.958 χ^2 /NDF: 3315.2/37

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: -74.231 ± 0.878 χ^2/NDF : 630.9/19

Right Out: -84.062 ± 1.257 χ^2/NDF : 783.2/18

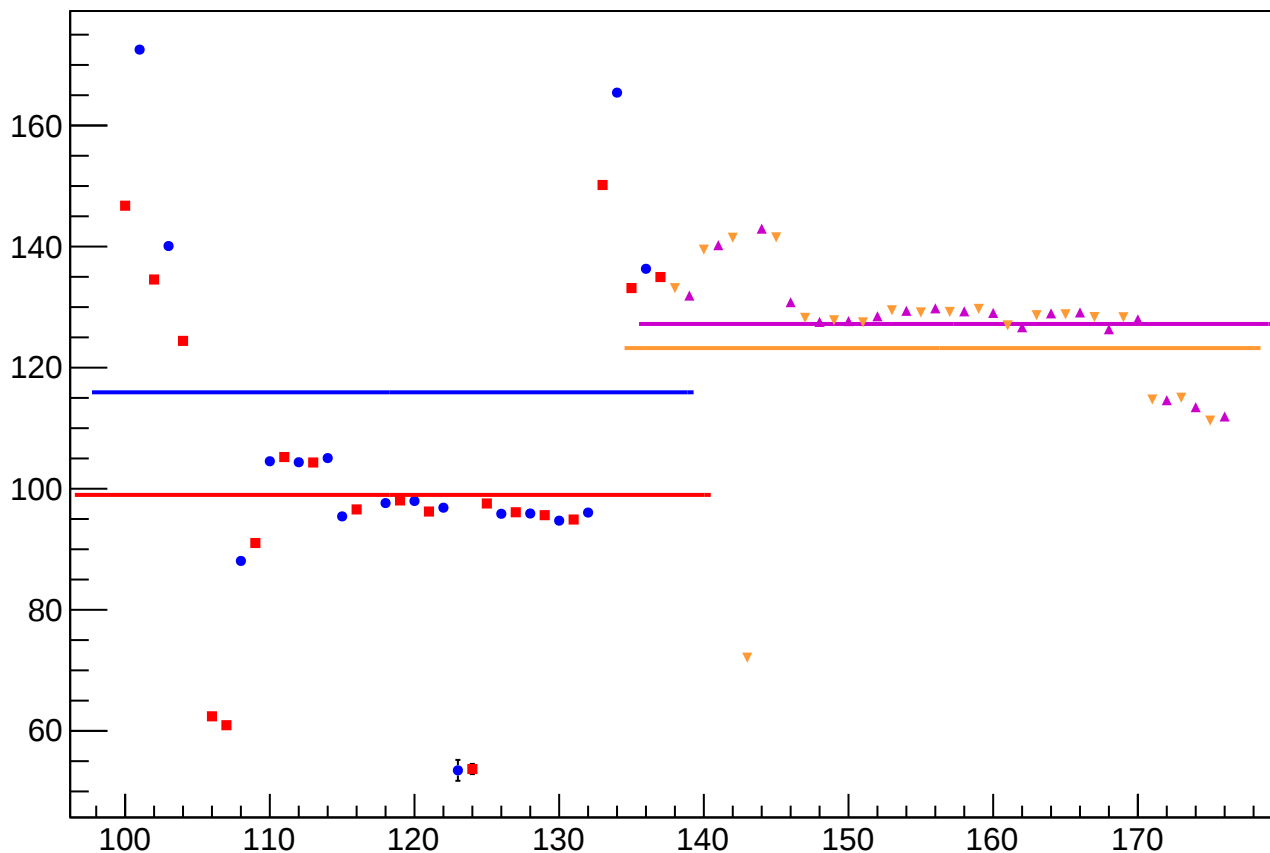
Left In: -76.637 ± 0.925 χ^2/NDF : 333.6/18

+ sign -80.640 ± 0.735 χ^2/NDF : 1479.6/36

All: -79.952 ± 0.523 χ^2/NDF : 2620.8/74

- sign -79.245 ± 0.745 χ^2/NDF : 1139.4/37

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: 123.233 $\pm$ 0.043 χ^2 /NDF: 154291.4/19

Right Out: 98.981 $\pm$ 0.069 χ^2 /NDF: 172974.2/18

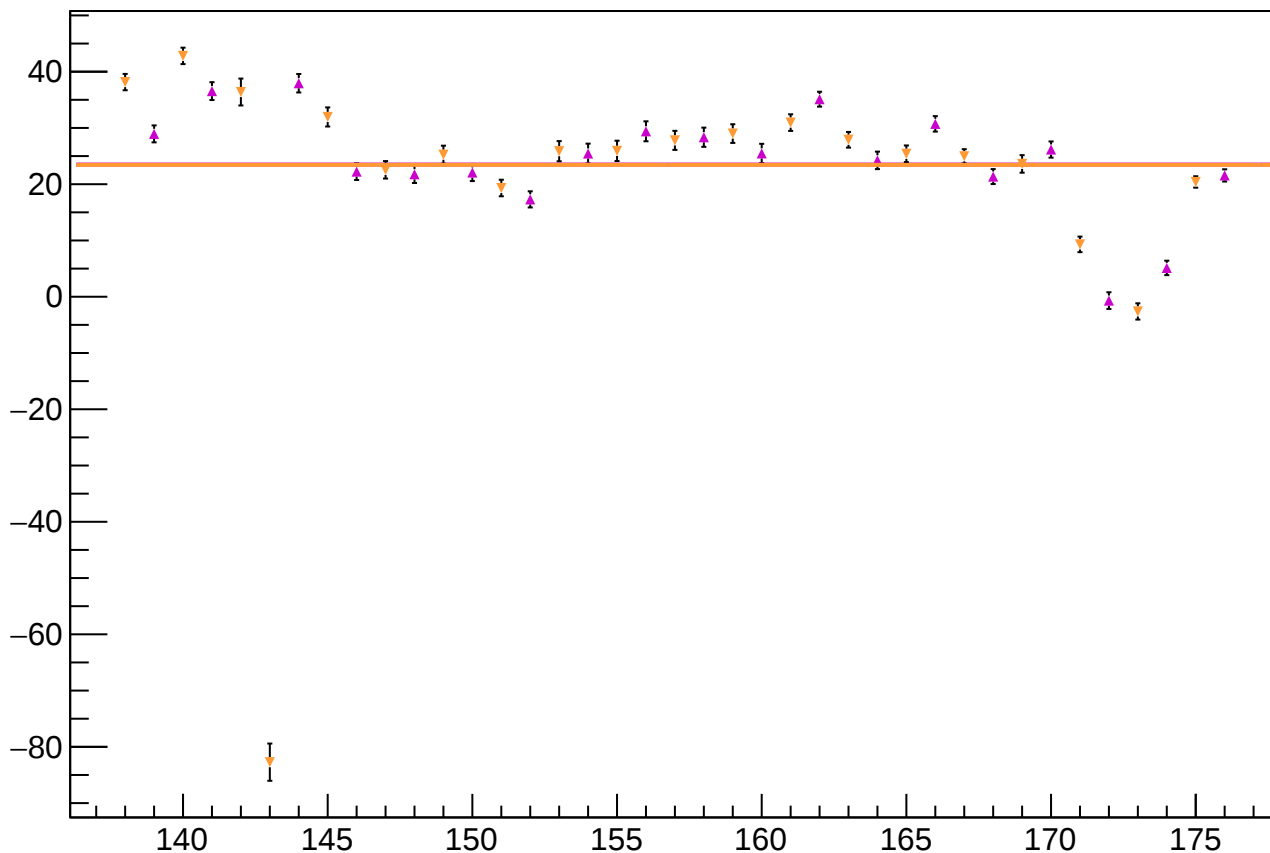
Left In: 127.217 $\pm$ 0.043 χ^2 /NDF: 32091.8/18

+ sign 121.571 $\pm$ 0.037 χ^2 /NDF: 266788.0/36

All: 120.345 $\pm$ 0.026 χ^2 /NDF: 595273.4/74

- sign 119.171 $\pm$ 0.037 χ^2 /NDF: 326382.2/37

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: 23.438 $\pm$ 0.341 χ^2 /NDF:1870.2/19

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

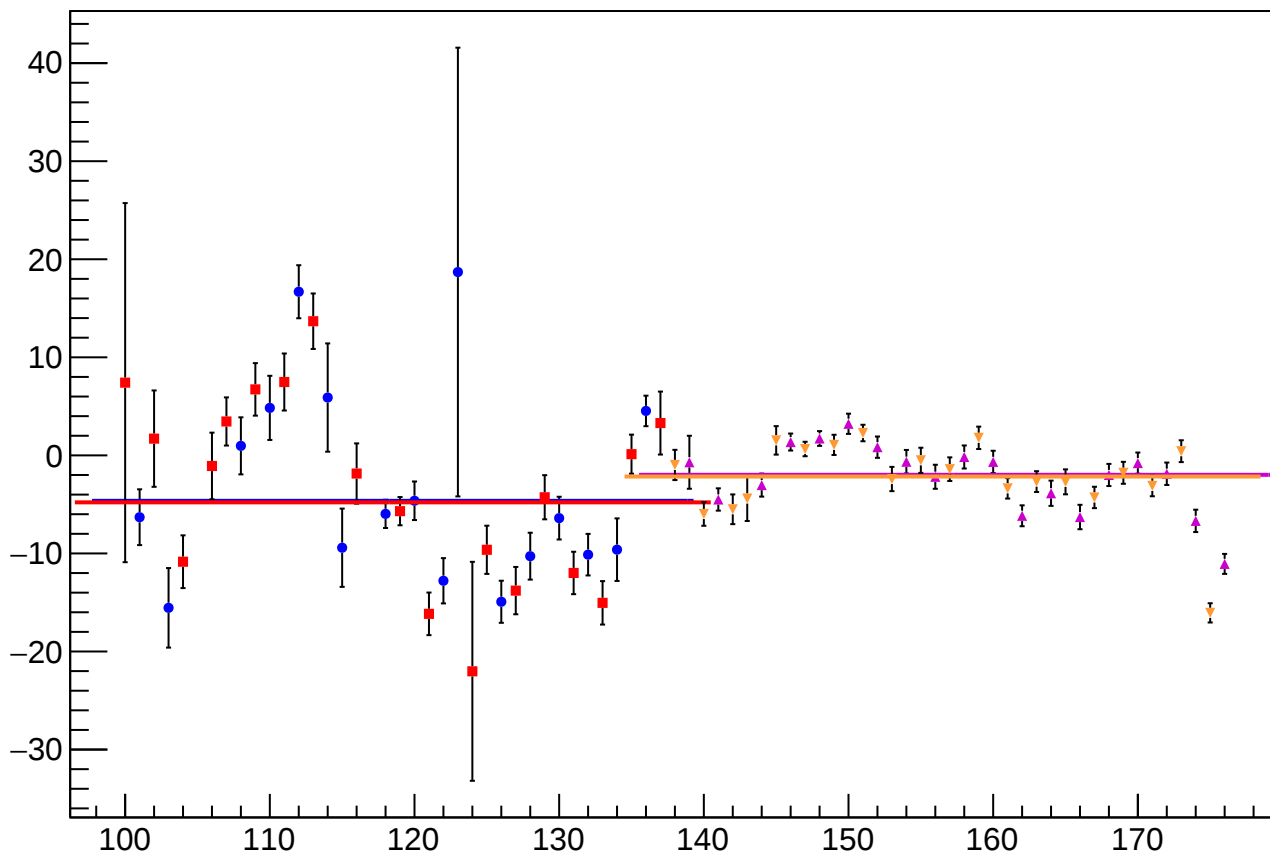
Left In: 23.492 $\pm$ 0.337 χ^2 /NDF:785.7/18

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

All: 23.465 $\pm$ 0.240 χ^2 /NDF: 2655.9/38

- 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: -2.157 ± 0.251 χ^2/NDF : 301.7/19

Right Out: -4.791 ± 0.585 χ^2/NDF : 192.5/18

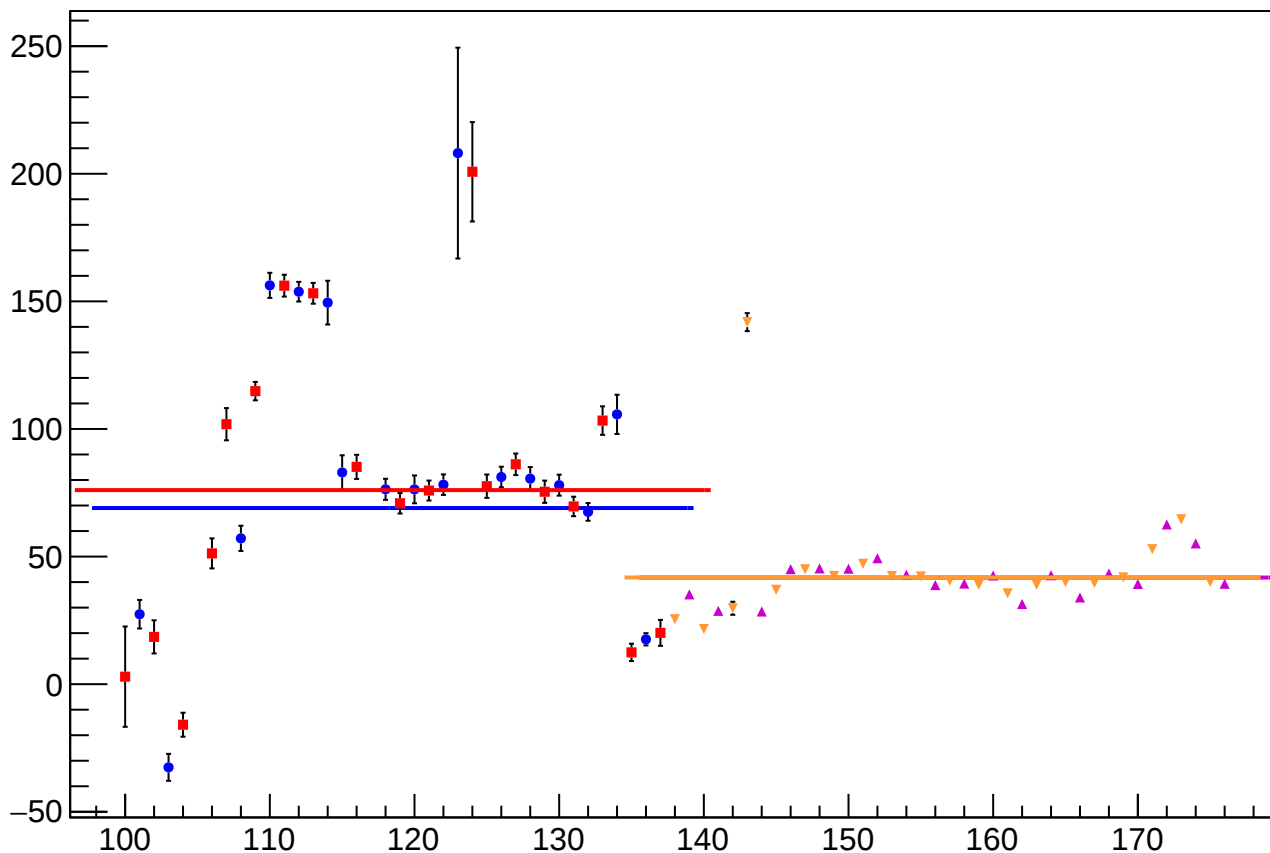
Left In: -1.982 ± 0.253 χ^2/NDF : 209.4/18

+ sign -2.539 ± 0.231 χ^2/NDF : 491.2/36

All: -2.482 ± 0.164 χ^2/NDF : 912.7/74

- sign -2.425 ± 0.232 χ^2/NDF : 421.3/37

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.019 ± 1.083 $\chi^2/\text{NDF}: 1848.0/16$

Left Out: 41.810 ± 0.337 $\chi^2/\text{NDF}: 1455.4/19$

Right Out: 76.041 ± 1.070 $\chi^2/\text{NDF}: 1881.9/18$

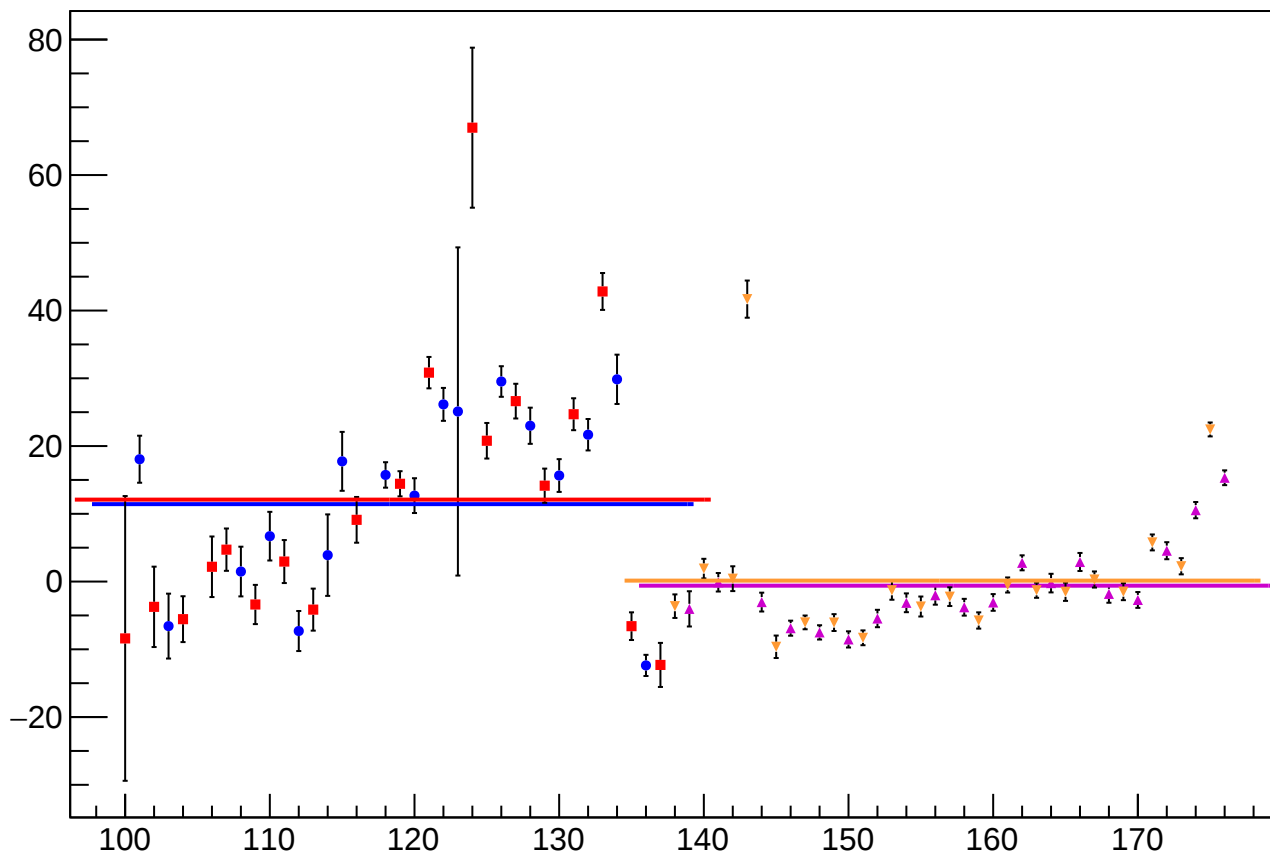
Left In: 41.777 ± 0.333 $\chi^2/\text{NDF}: 574.9/18$

+ sign 44.212 ± 0.322 $\chi^2/\text{NDF}: 3878.5/36$

All: 44.515 ± 0.226 $\chi^2/\text{NDF}: 7271.8/74$

- sign 44.811 ± 0.318 $\chi^2/\text{NDF}: 3391.6/37$

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: 0.140 $\pm$ 0.287 χ^2 /NDF: 929.3/19

Right Out: 12.095 $\pm$ 0.664 χ^2 /NDF: 539.1/18

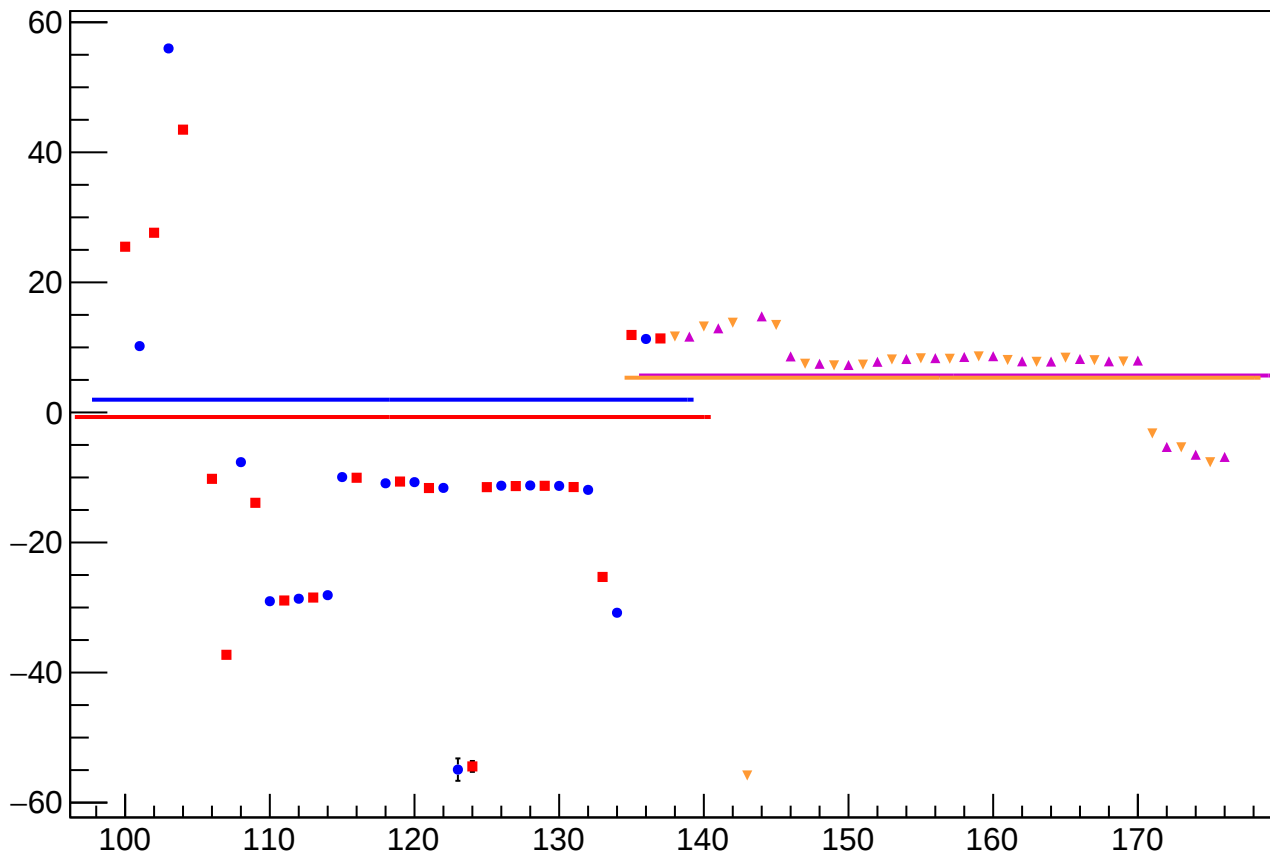
Left In: -0.606 $\pm$ 0.289 χ^2 /NDF: 489.1/18

+ sign 1.912 $\pm$ 0.264 χ^2 /NDF: 1648.7/36

All: 1.667 $\pm$ 0.187 χ^2 /NDF: 2986.2/74

- sign 1.420 $\pm$ 0.265 χ^2 /NDF: 1335.8/37

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.960 $\pm$ 0.037 χ^2 /NDF: 358457.0/16

Left Out: 5.340 $\pm$ 0.013 χ^2 /NDF: 396024.4/19

Right Out: -0.704 $\pm$ 0.037 χ^2 /NDF: 361168.6/18

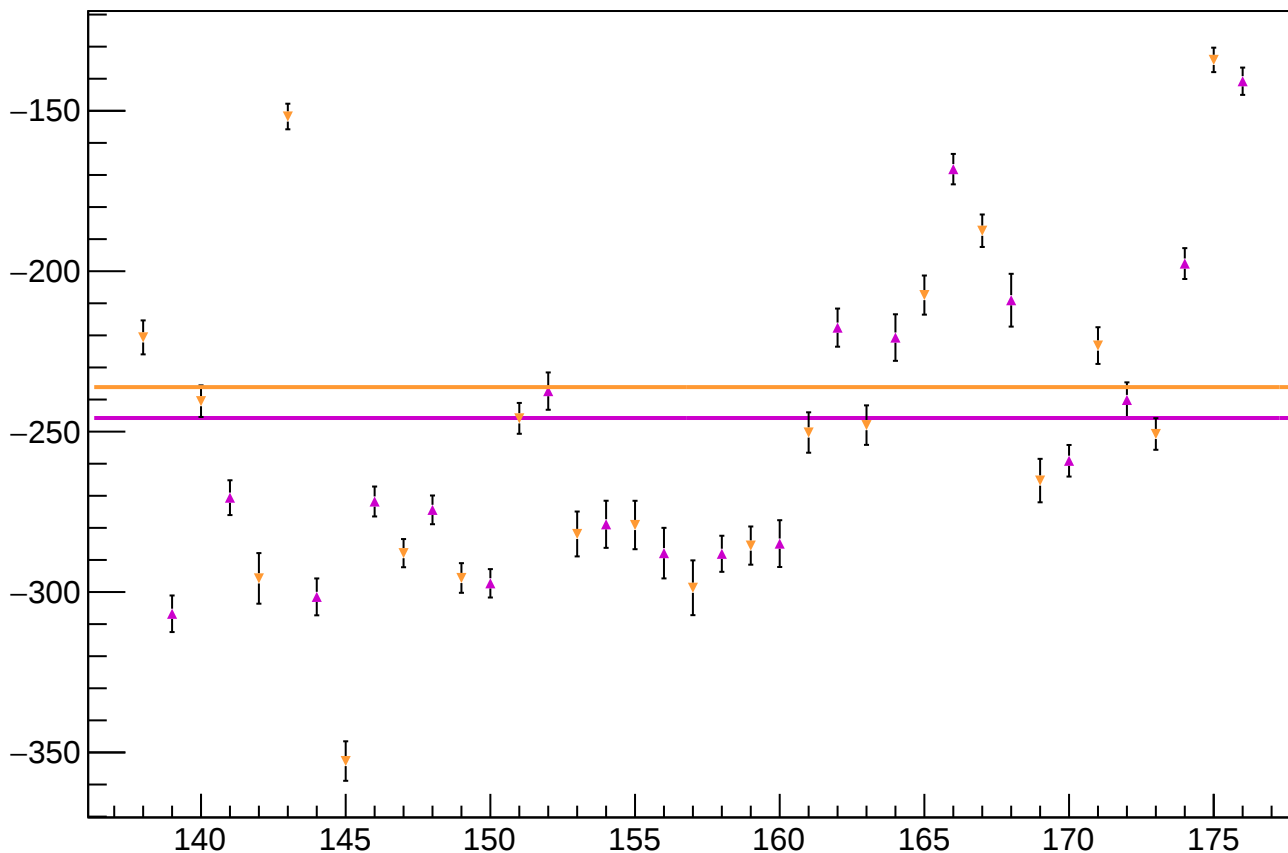
Left In: 5.677 $\pm$ 0.013 χ^2 /NDF: 232514.1/18

+ sign 4.955 $\pm$ 0.013 χ^2 /NDF: 761819.1/36

All: 4.967 $\pm$ 0.009 χ^2 /NDF: 1381809.0/74

- sign 4.977 $\pm$ 0.012 χ^2 /NDF: 619988.4/37

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: -236.121+/-1.209 χ^2/NDF : 2250.9/19

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

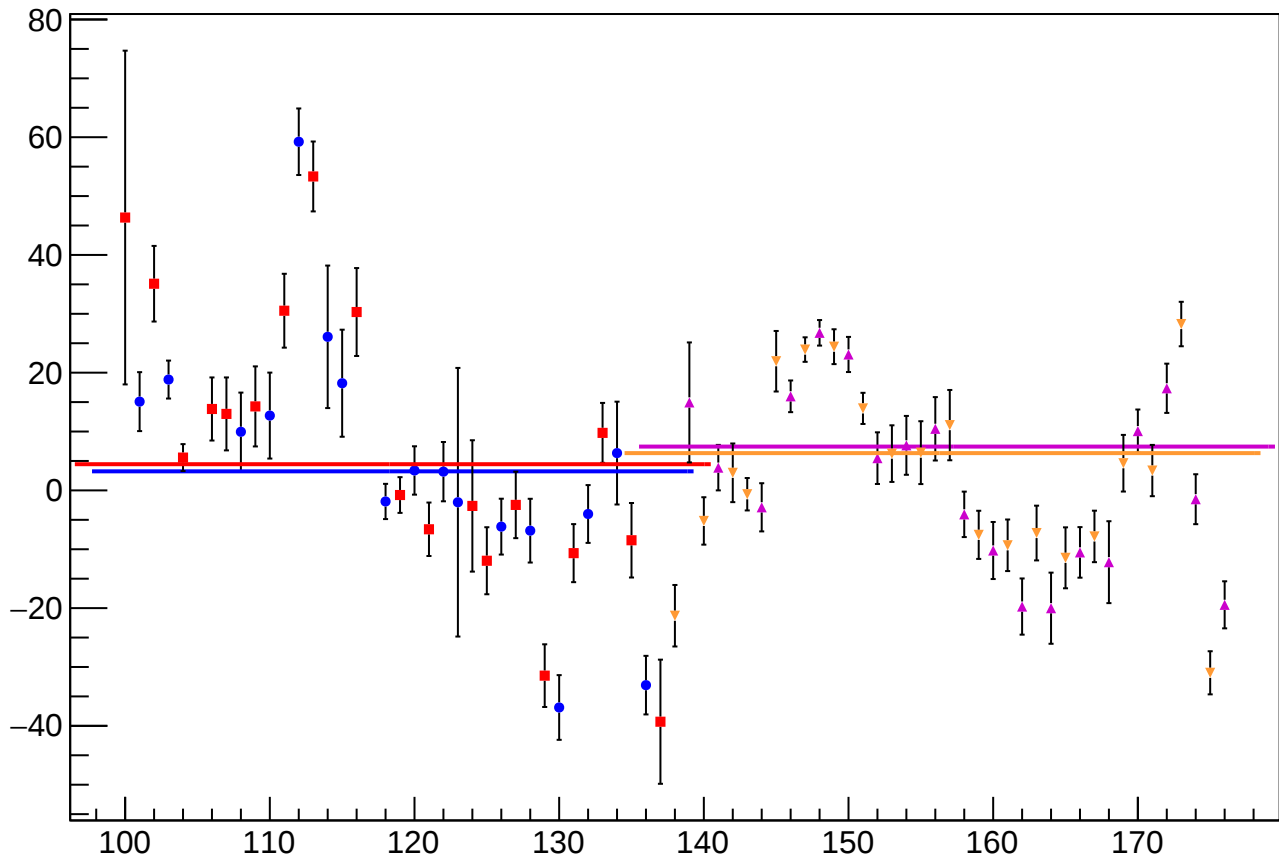
Left In: -245.755+/-1.254 χ^2/NDF : 1612.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.763+/-0.870 χ^2/NDF : 3894.0/38

- 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: 6.333 ± 0.848 χ^2/NDF : 363.1/19

Right Out: 4.450 ± 1.157 χ^2/NDF : 225.8/18

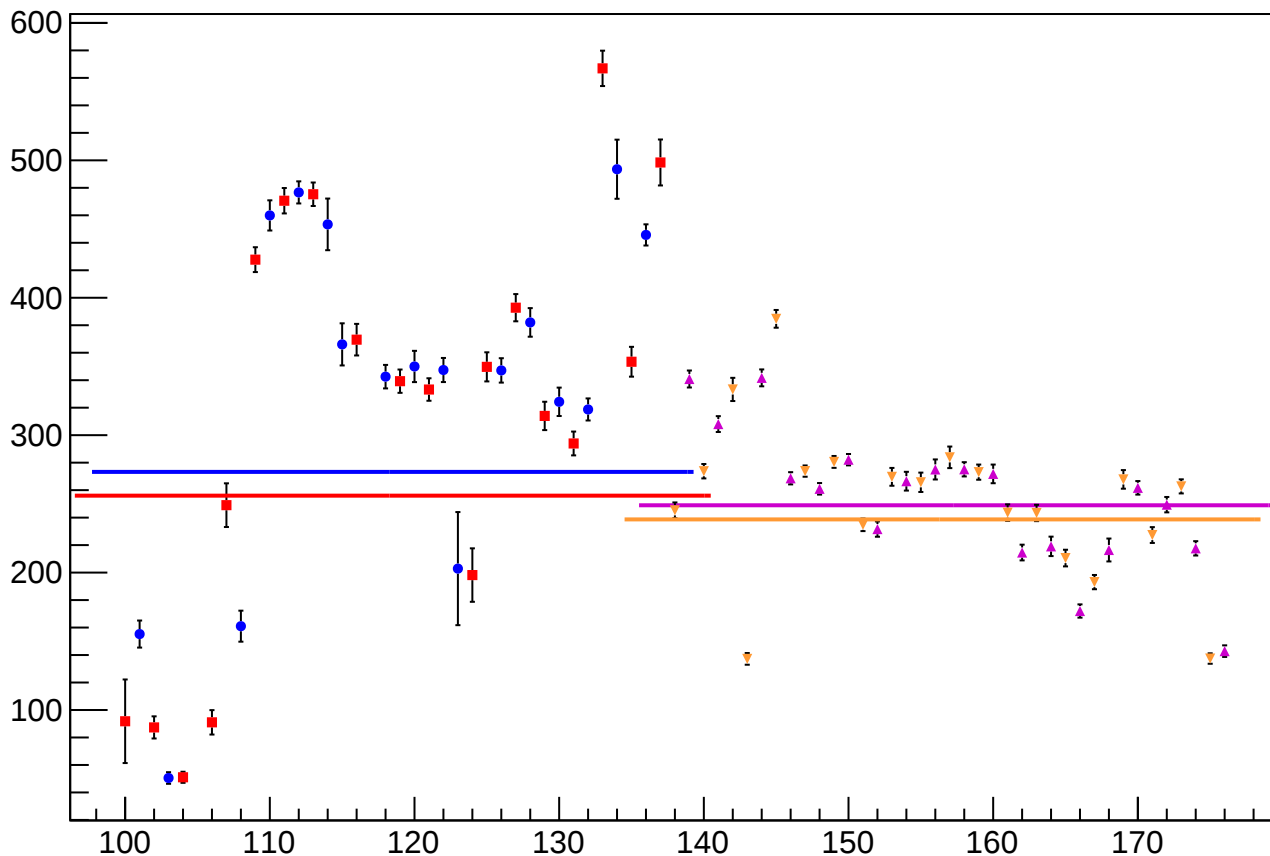
Left In: 7.442 ± 0.901 χ^2/NDF : 281.6/18

+ sign 5.350 ± 0.701 χ^2/NDF : 622.6/36

All: 5.824 ± 0.499 χ^2/NDF : 1135.0/74

- sign 6.312 ± 0.711 χ^2/NDF : 511.5/37

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: 238.696 $\pm$ 1.201 χ^2 /NDF: 2381.6/19

Right Out: 255.985 $\pm$ 2.080 χ^2 /NDF: 6438.4/18

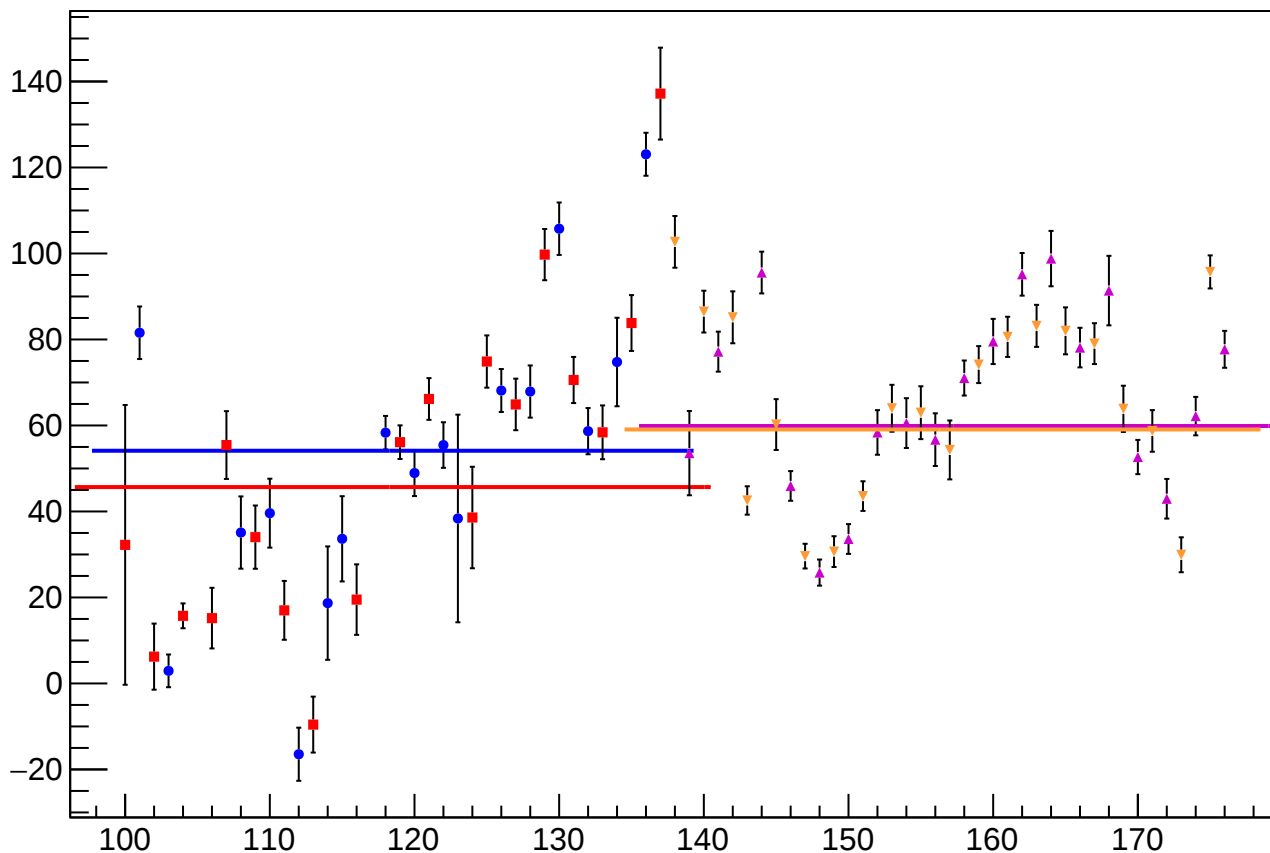
Left In: 248.981 $\pm$ 1.237 χ^2 /NDF: 1711.9/18

+ sign 246.611 $\pm$ 1.055 χ^2 /NDF: 7672.8/36

All: 248.694 $\pm$ 0.749 χ^2 /NDF: 15839.4/74

- sign 250.812 $\pm$ 1.063 χ^2 /NDF: 8158.7/37

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.119 $\pm$ 1.438 χ^2 /NDF: 633.9/16

Left Out: 59.070 $\pm$ 0.996 χ^2 /NDF: 554.5/19

Right Out: 45.675 $\pm$ 1.357 χ^2 /NDF: 531.0/18

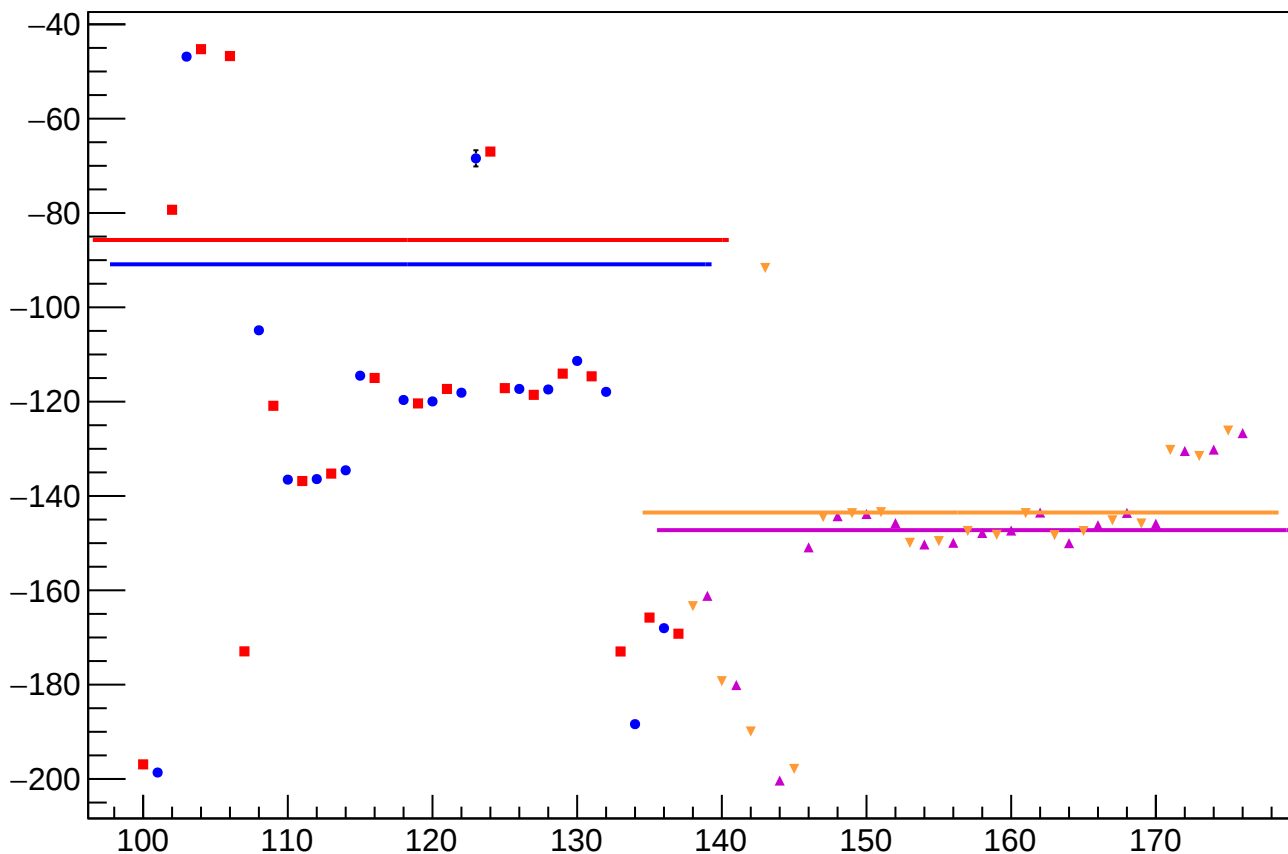
Left In: 59.873 $\pm$ 1.050 χ^2 /NDF: 442.3/18

+ sign 57.464 $\pm$ 0.819 χ^2 /NDF: 1196.4/36

All: 56.030 $\pm$ 0.583 χ^2 /NDF: 2244.4/74

- sign 54.554 $\pm$ 0.831 χ^2 /NDF: 1041.8/37

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -90.881 ± 0.068 $\chi^2/\text{NDF}: 533423.8/16$

Left Out: -143.508 ± 0.048 $\chi^2/\text{NDF}: 208317.6/19$

Right Out: -85.722 ± 0.065 $\chi^2/\text{NDF}: 494183.1/18$

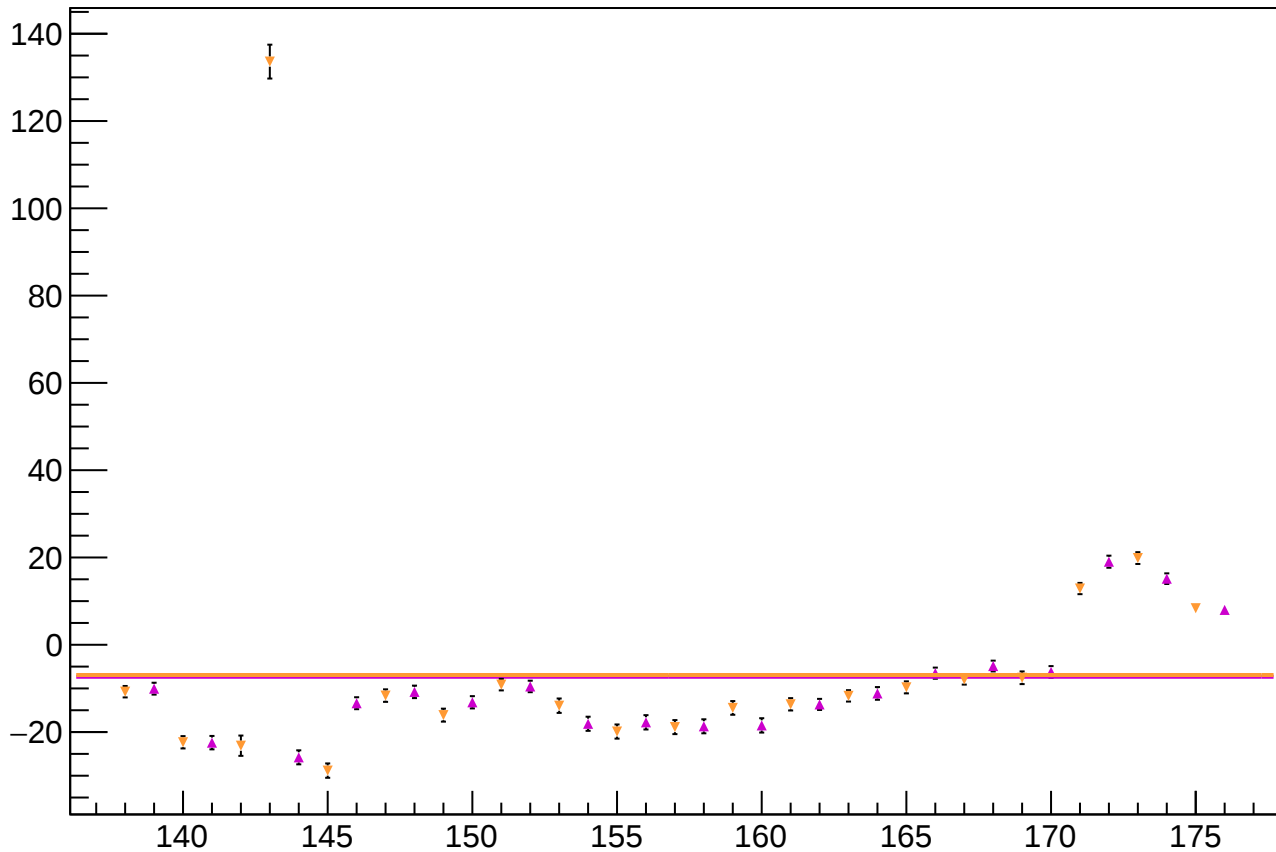
Left In: -147.243 ± 0.049 $\chi^2/\text{NDF}: 91268.2/18$

+ sign -125.710 ± 0.039 $\chi^2/\text{NDF}: 1141022.0/36$

All: -125.284 ± 0.028 $\chi^2/\text{NDF}: 2295477.0/74$

- sign -124.862 ± 0.039 $\chi^2/\text{NDF}: 1154222.5/37$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -6.925+/-0.319 χ^2/NDF : 2801.4/19

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

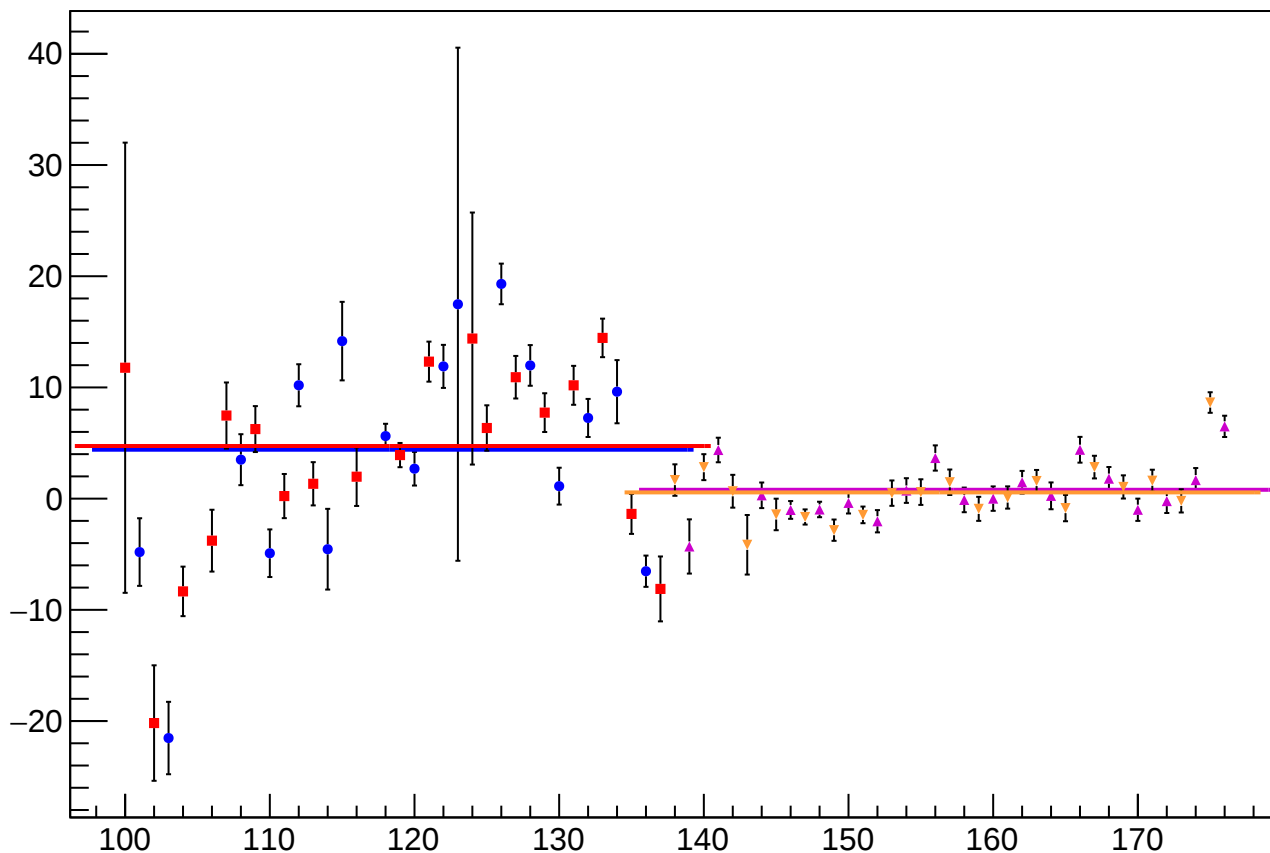
Left In: -7.332+/-0.316 χ^2/NDF : 1422.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.131+/-0.225 χ^2/NDF : 4224.5/38

- sign 0.000+/-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: 0.561 ± 0.234 χ^2/NDF : 128.4/19

Right Out: 4.732 ± 0.473 χ^2/NDF : 182.9/18

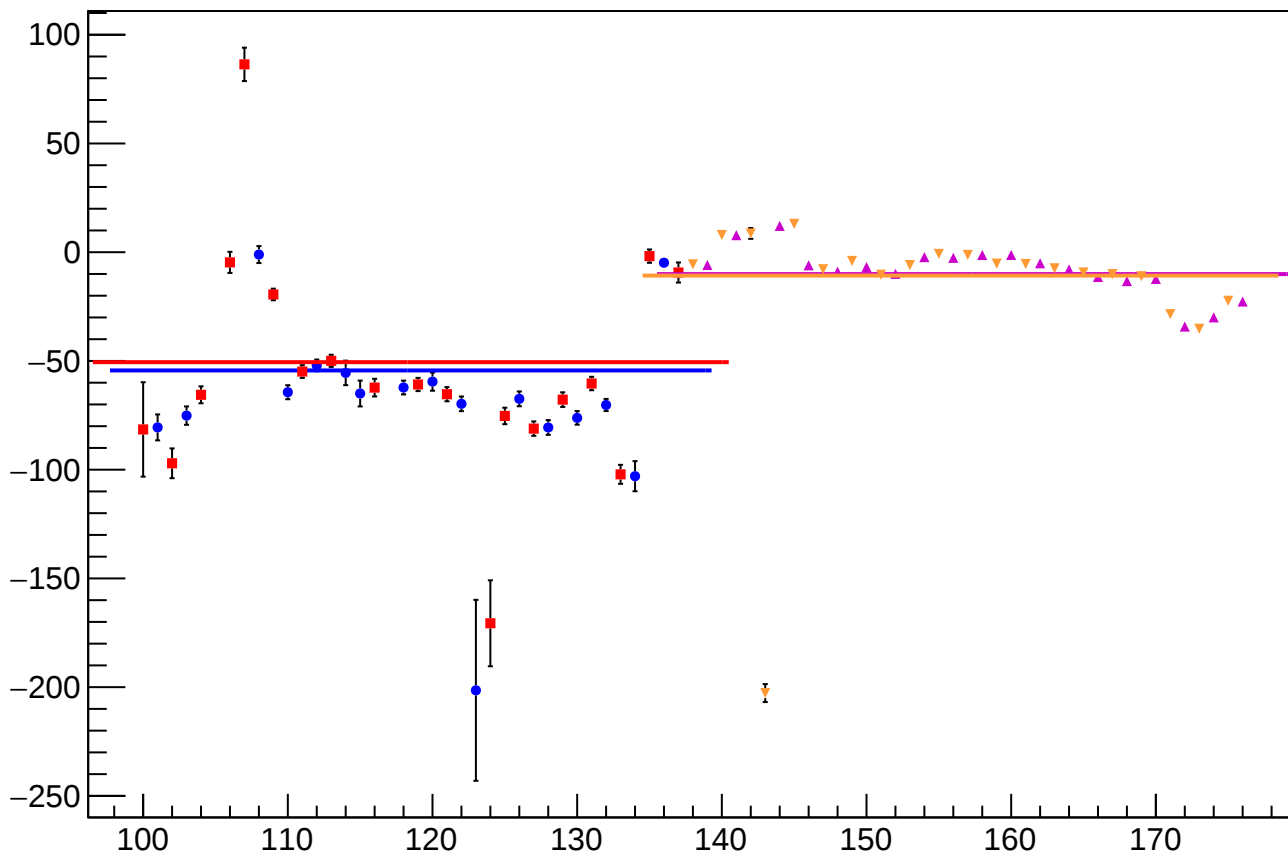
Left In: 0.796 ± 0.237 χ^2/NDF : 95.1/18

+ sign 1.322 ± 0.210 χ^2/NDF : 468.5/36

All: 1.452 ± 0.149 χ^2/NDF : 802.6/74

- sign 1.585 ± 0.212 χ^2/NDF : 333.4/37

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.365 ± 0.868 χ^2/NDF : 1013.5/16

Left Out: -10.734 ± 0.315 χ^2/NDF : 3362.8/19

Right Out: -50.554 ± 0.858 χ^2/NDF : 1321.3/18

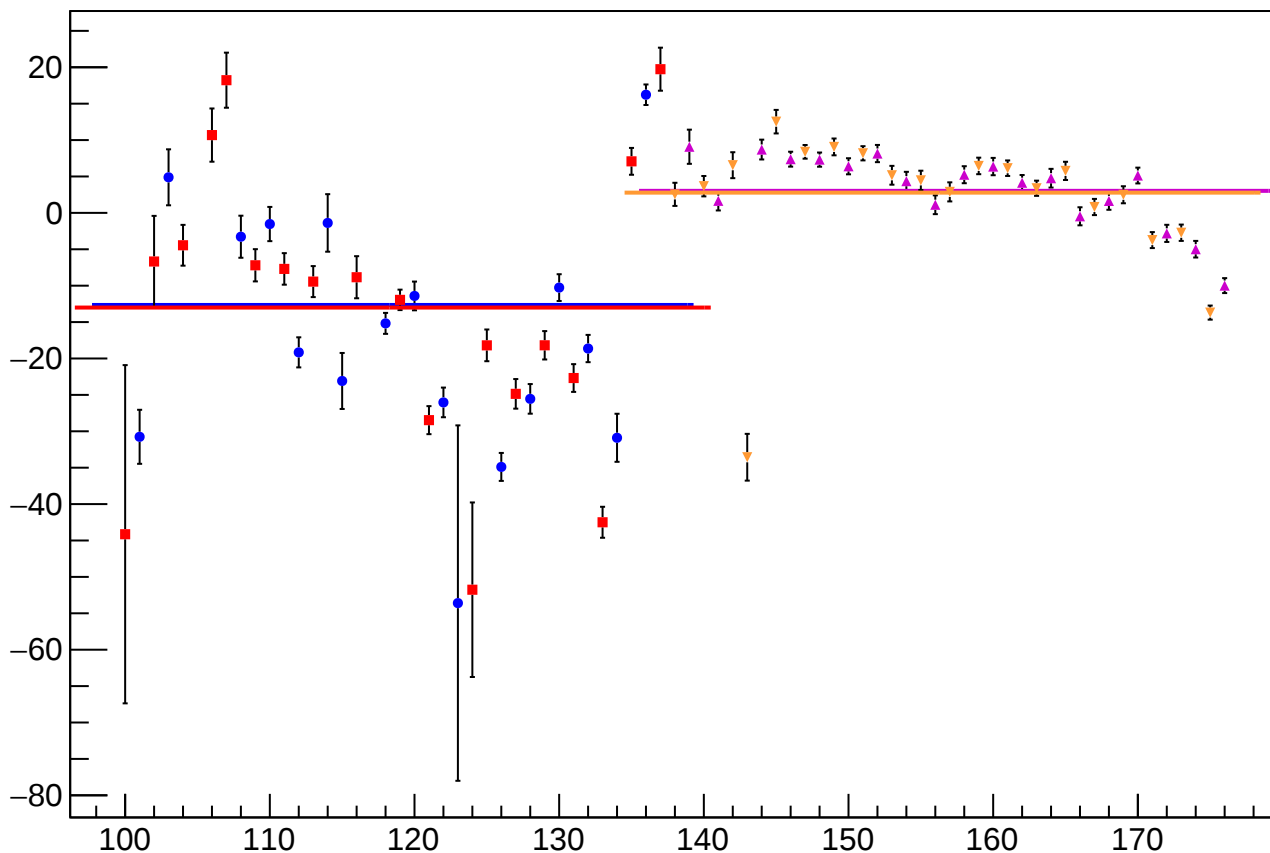
Left In: -10.062 ± 0.312 χ^2/NDF : 1131.3/18

+ sign -15.823 ± 0.297 χ^2/NDF : 6607.0/36

All: -15.304 ± 0.209 χ^2/NDF : 11034.7/74

- sign -14.797 ± 0.293 χ^2/NDF : 4421.6/37

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: 2.781 ± 0.269 χ^2/NDF : 649.5/19

Right Out: -13.005 ± 0.538 χ^2/NDF : 721.4/18

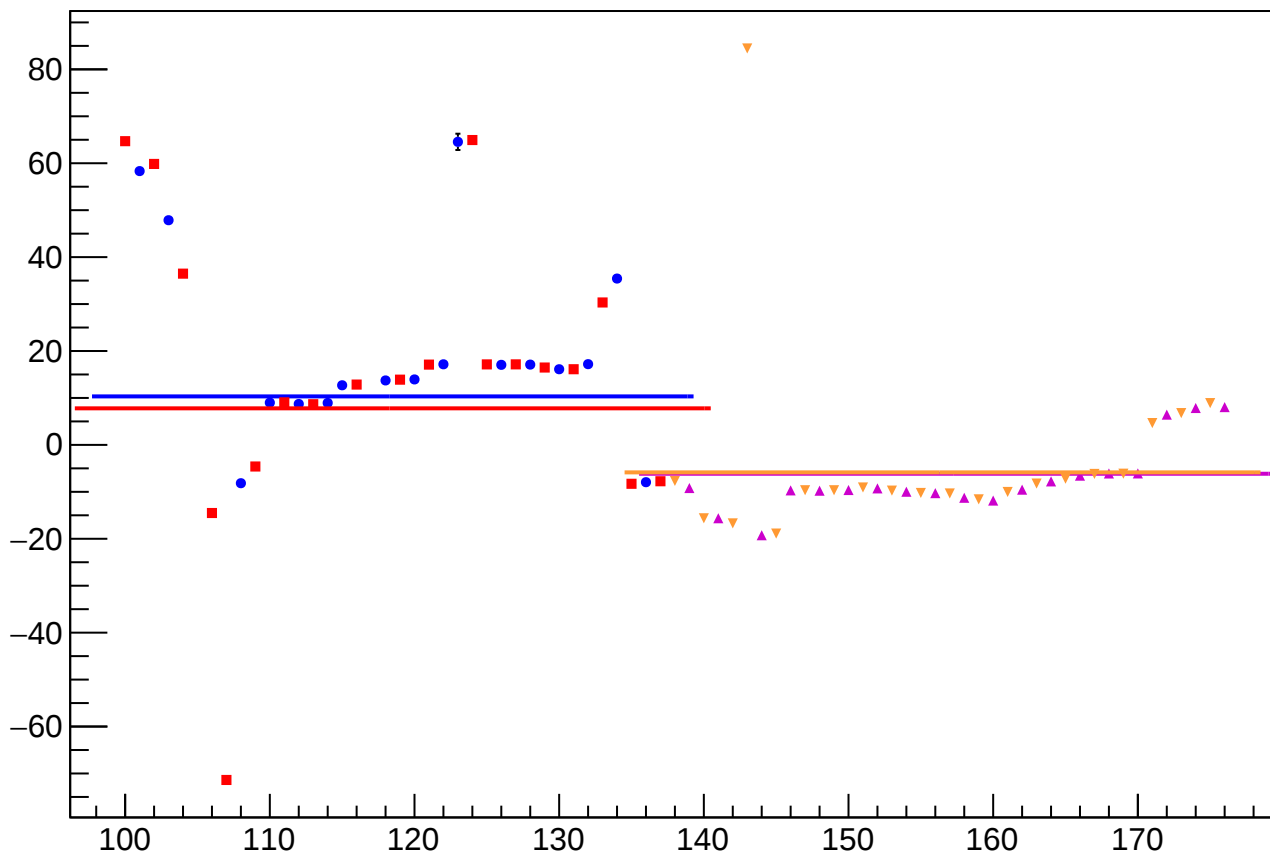
Left In: 3.026 ± 0.271 χ^2/NDF : 356.2/18

+ sign -0.318 ± 0.240 χ^2/NDF : 2099.4/36

All: -0.273 ± 0.171 χ^2/NDF : 3886.0/74

- sign -0.228 ± 0.242 χ^2/NDF : 1786.6/37

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: -5.855+/-0.012 χ^2/NDF : 636445.6/19

Right Out: 7.786+/-0.031 χ^2/NDF : 544119.7/18

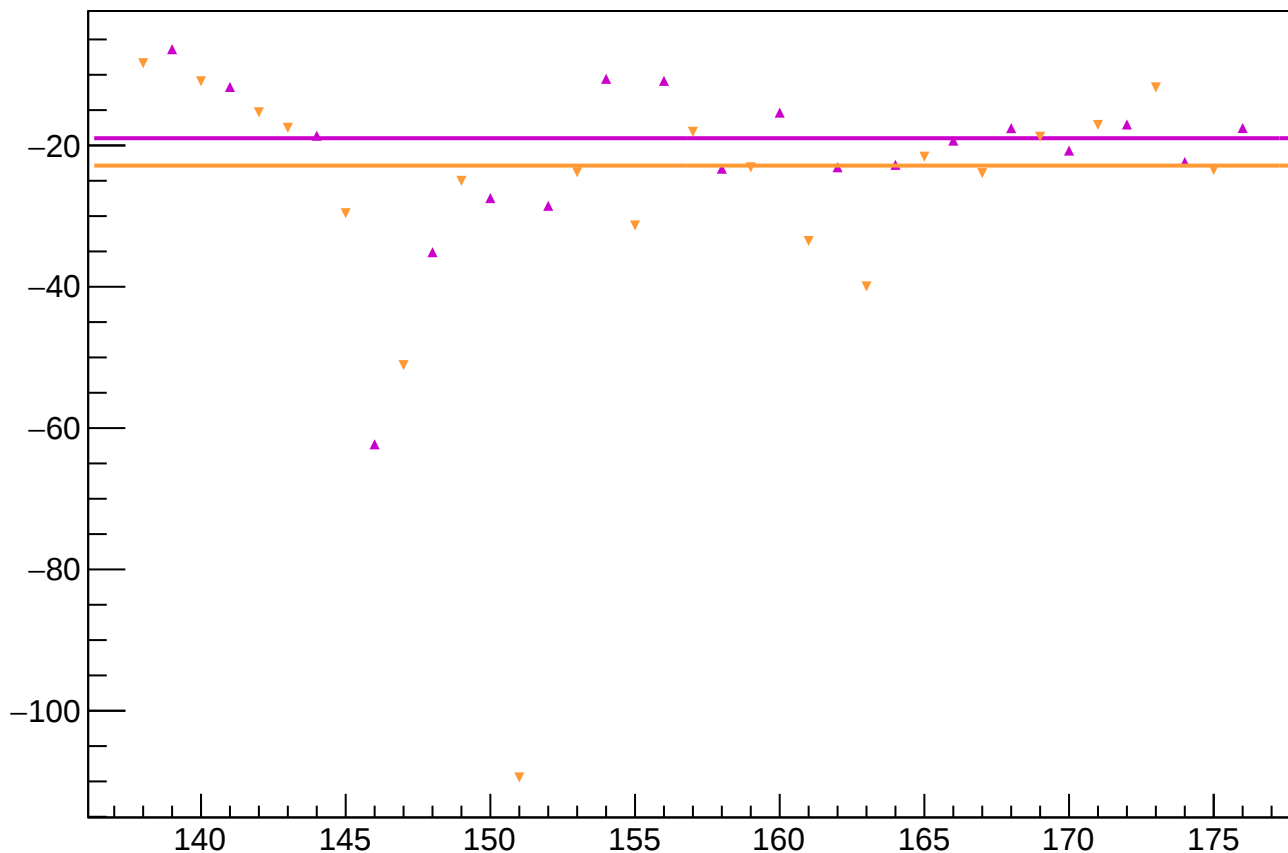
Left In: -6.149+/-0.012 χ^2/NDF : 362345.1/18

+ sign -3.565+/-0.012 χ^2/NDF : 1256294.9/36

All: -3.947+/-0.008 χ^2/NDF : 2337001.6/74

- sign -4.316+/-0.011 χ^2/NDF : 1078554.5/37

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -22.851+/-0.051 χ^2/NDF : 62492.1/19

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

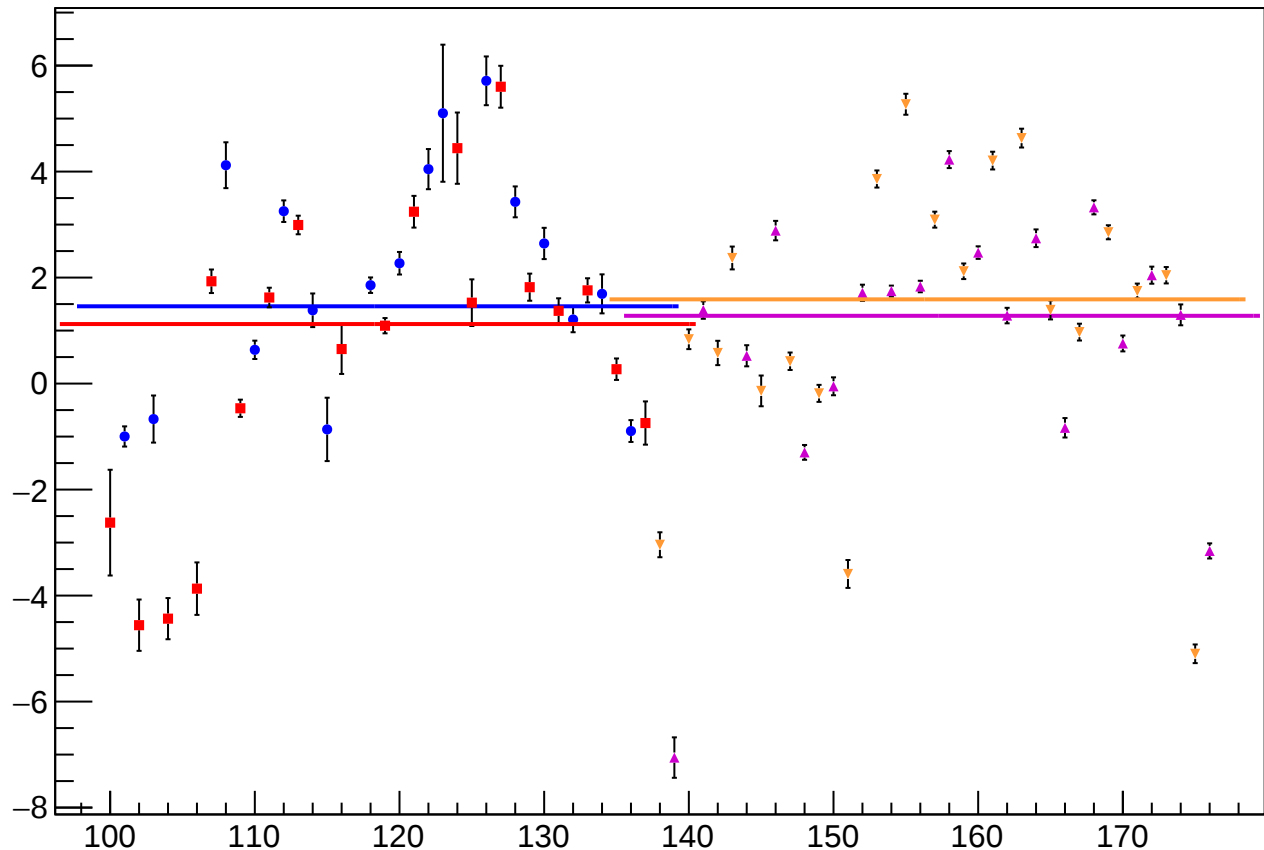
Left In: -18.978+/-0.046 χ^2/NDF : 37609.2/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.695+/-0.034 χ^2/NDF : 103260.6/38

- 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: 1.589 $\pm$ 0.039 χ^2 /NDF: 3786.4/19

Right Out: 1.123 $\pm$ 0.058 χ^2 /NDF: 947.4/18

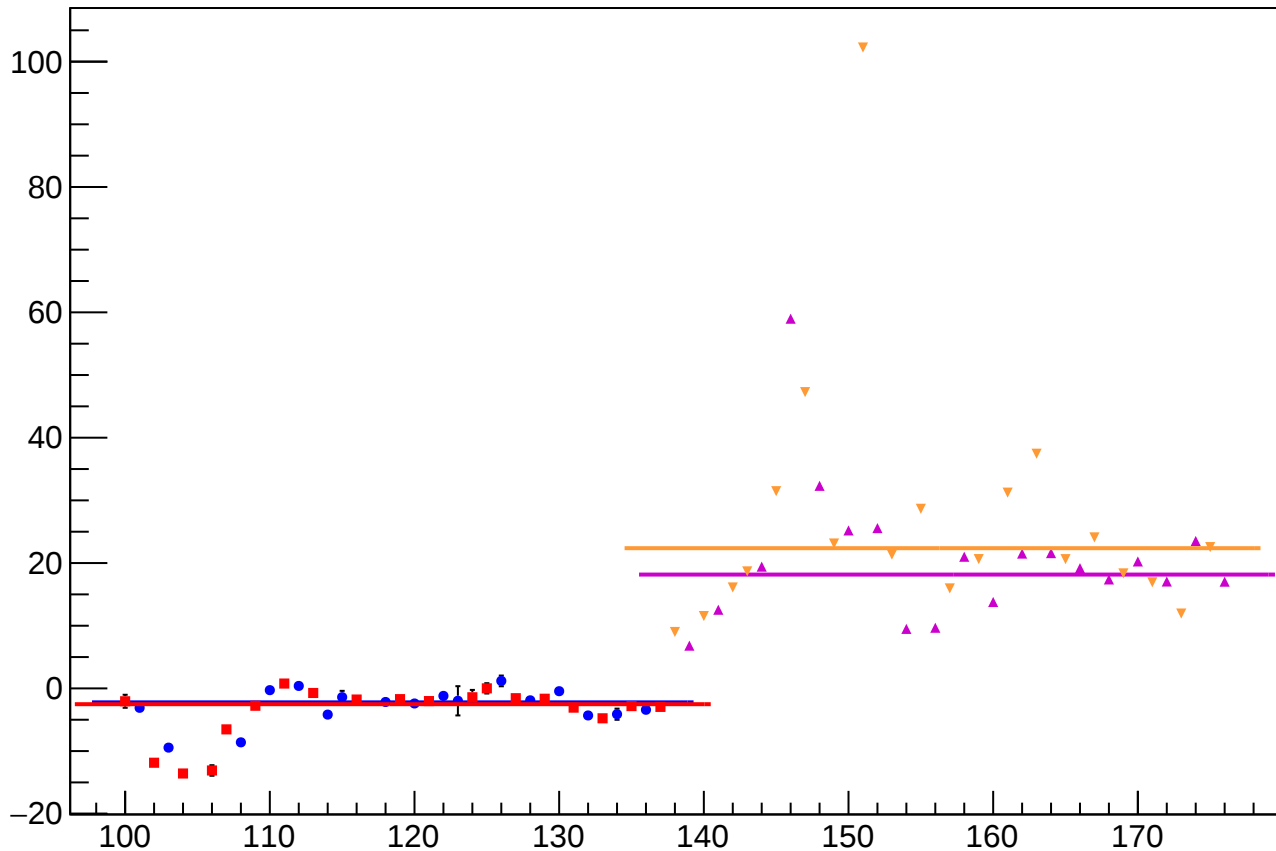
Left In: 1.279 $\pm$ 0.034 χ^2 /NDF: 2911.9/18

+ sign 1.552 $\pm$ 0.033 χ^2 /NDF: 4487.8/36

All: 1.379 $\pm$ 0.022 χ^2 /NDF: 8402.7/74

- sign 1.238 $\pm$ 0.030 χ^2 /NDF: 3864.6/37

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.228 ± 0.111 χ^2/NDF : 460.4/16

Left Out: 22.370 ± 0.051 χ^2/NDF : 55677.9/19

Right Out: -2.520 ± 0.099 χ^2/NDF : 904.0/18

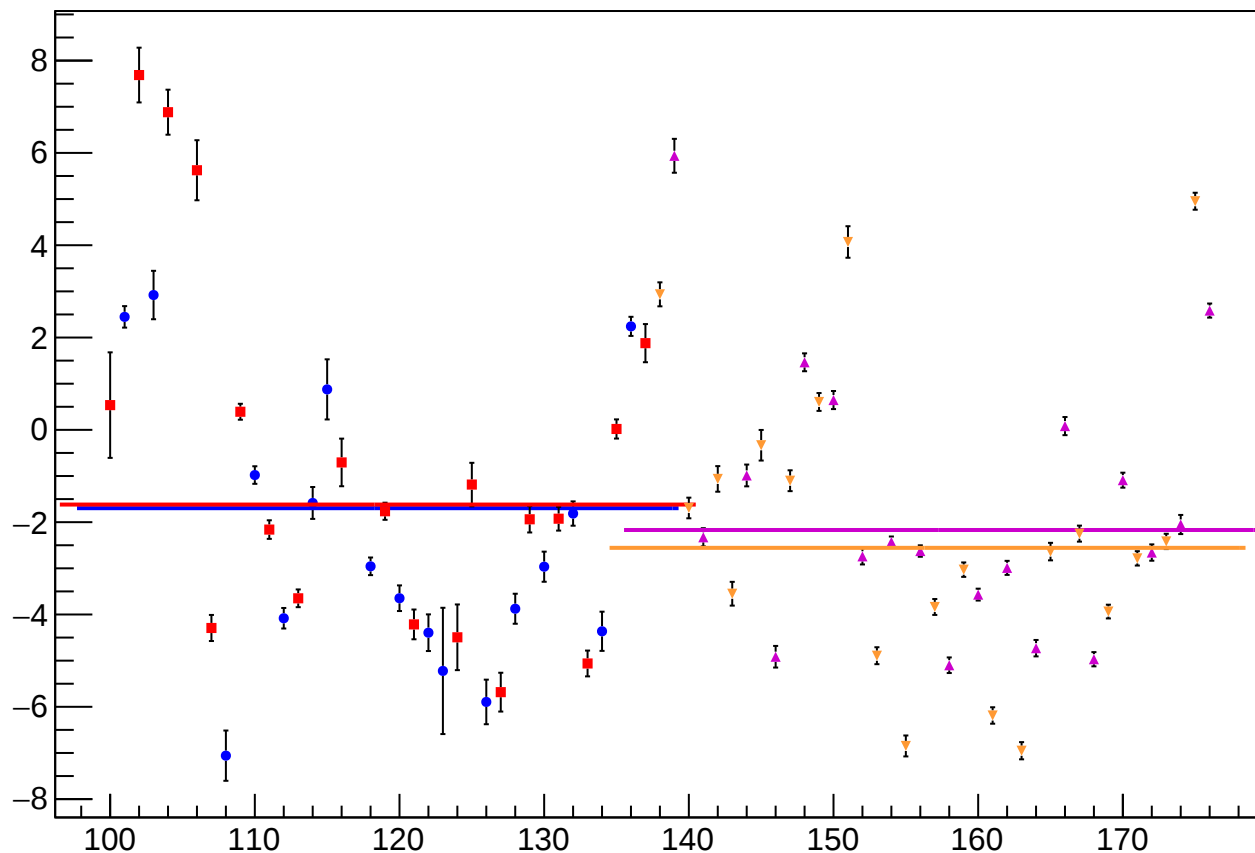
Left In: 18.162 ± 0.045 χ^2/NDF : 35862.9/18

+ sign 18.106 ± 0.046 χ^2/NDF : 96539.2/36

All: 16.153 ± 0.031 χ^2/NDF : 172675.4/74

- sign 14.630 ± 0.041 χ^2/NDF : 72972.1/37

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.697+/-0.071 χ^2/NDF : 1319.4/16

Left Out: -2.556+/-0.044 χ^2/NDF : 4550.2/19

Right Out: -1.618+/-0.066 χ^2/NDF : 1489.2/18

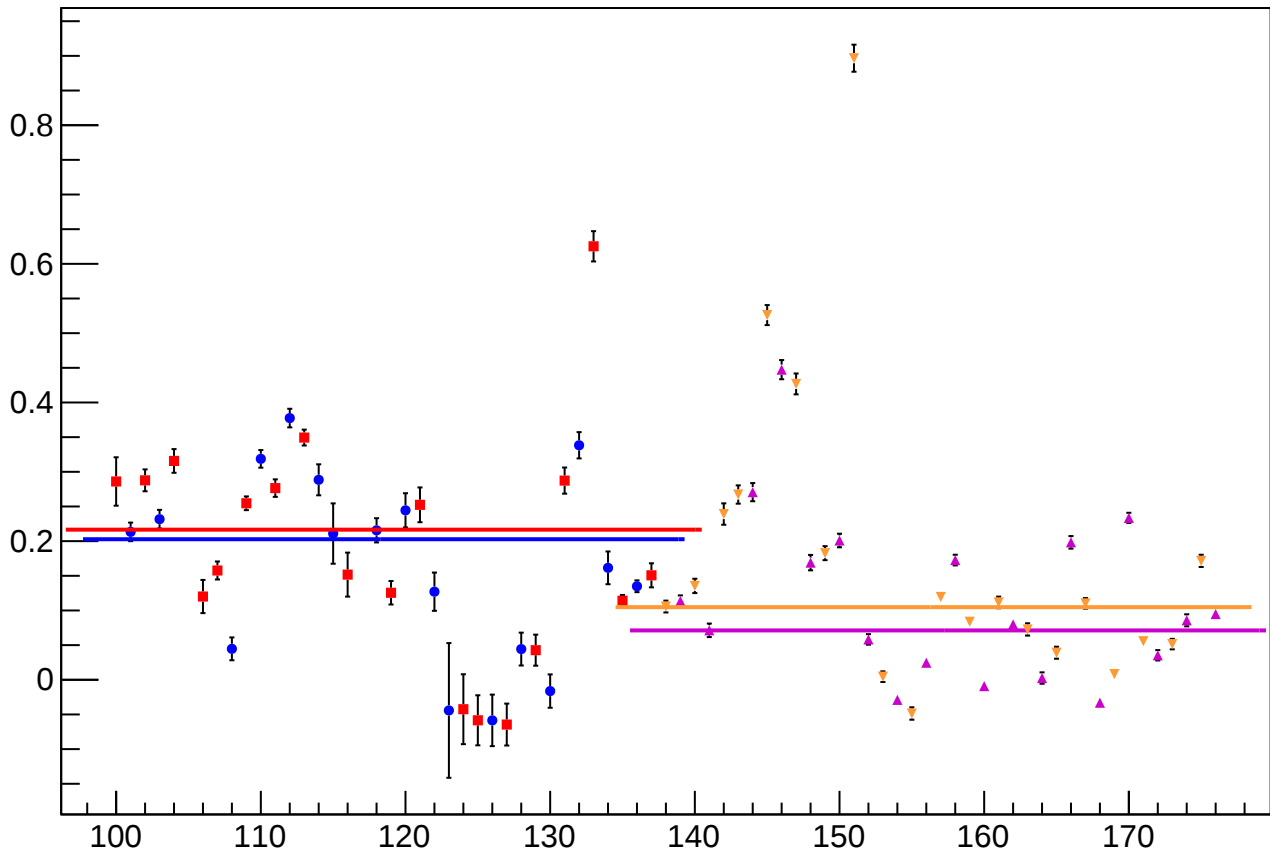
Left In: -2.169+/-0.039 χ^2/NDF : 3374.8/18

+ sign -2.321+/-0.037 χ^2/NDF : 5975.6/36

All: -2.158+/-0.025 χ^2/NDF : 10926.4/74

- sign -2.027+/-0.033 χ^2/NDF : 4916.2/37

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 676.5/16

Left Out: 0.105 $\pm$ 0.002 χ^2 /NDF: 4161.3/19

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1064.4/18

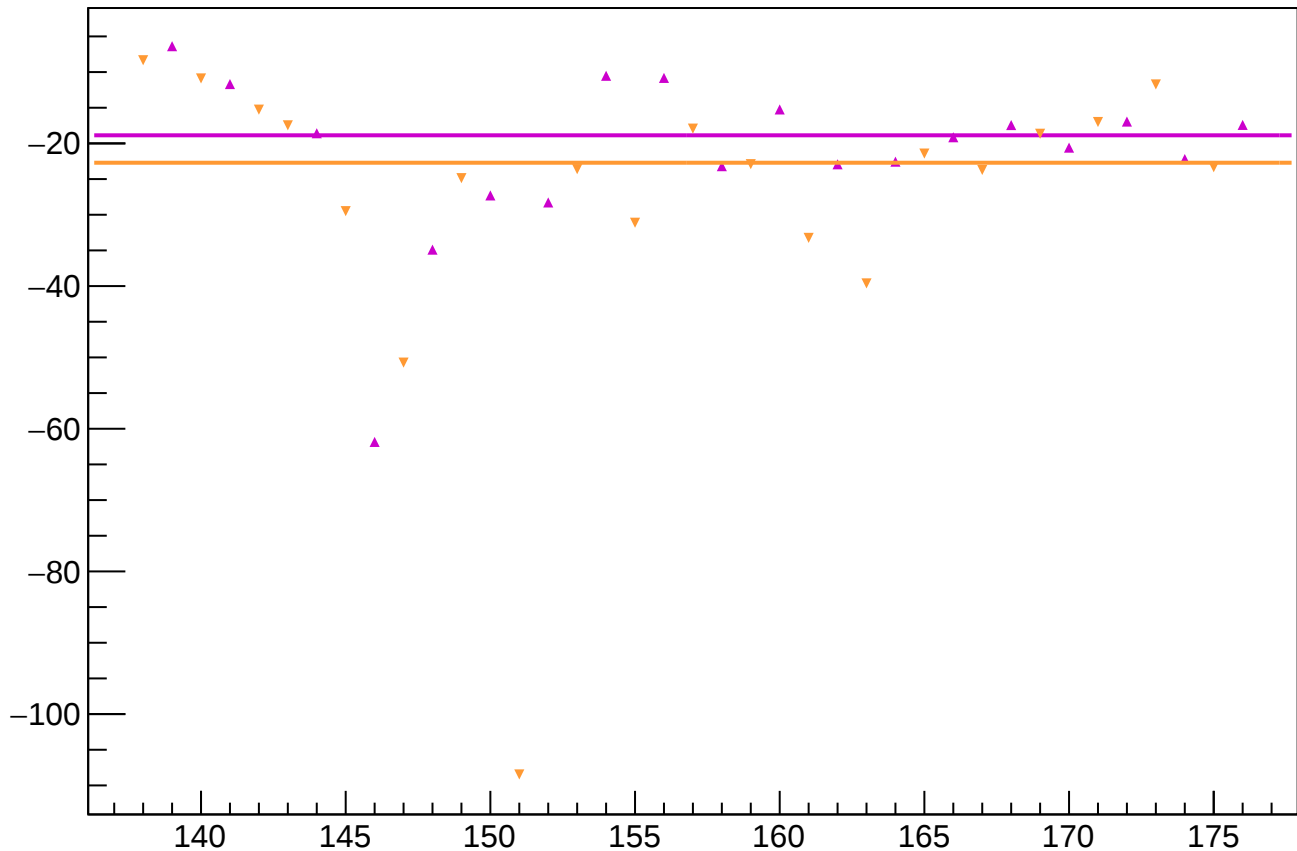
Left In: 0.071 $\pm$ 0.002 χ^2 /NDF: 3219.0/18

+ sign 0.123 $\pm$ 0.002 χ^2 /NDF: 5292.9/36

All: 0.107 $\pm$ 0.001 χ^2 /NDF: 10984.2/74

- sign 0.096 $\pm$ 0.002 χ^2 /NDF: 5563.0/37

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -22.708+/-0.051 χ^2/NDF : 62305.1/19

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

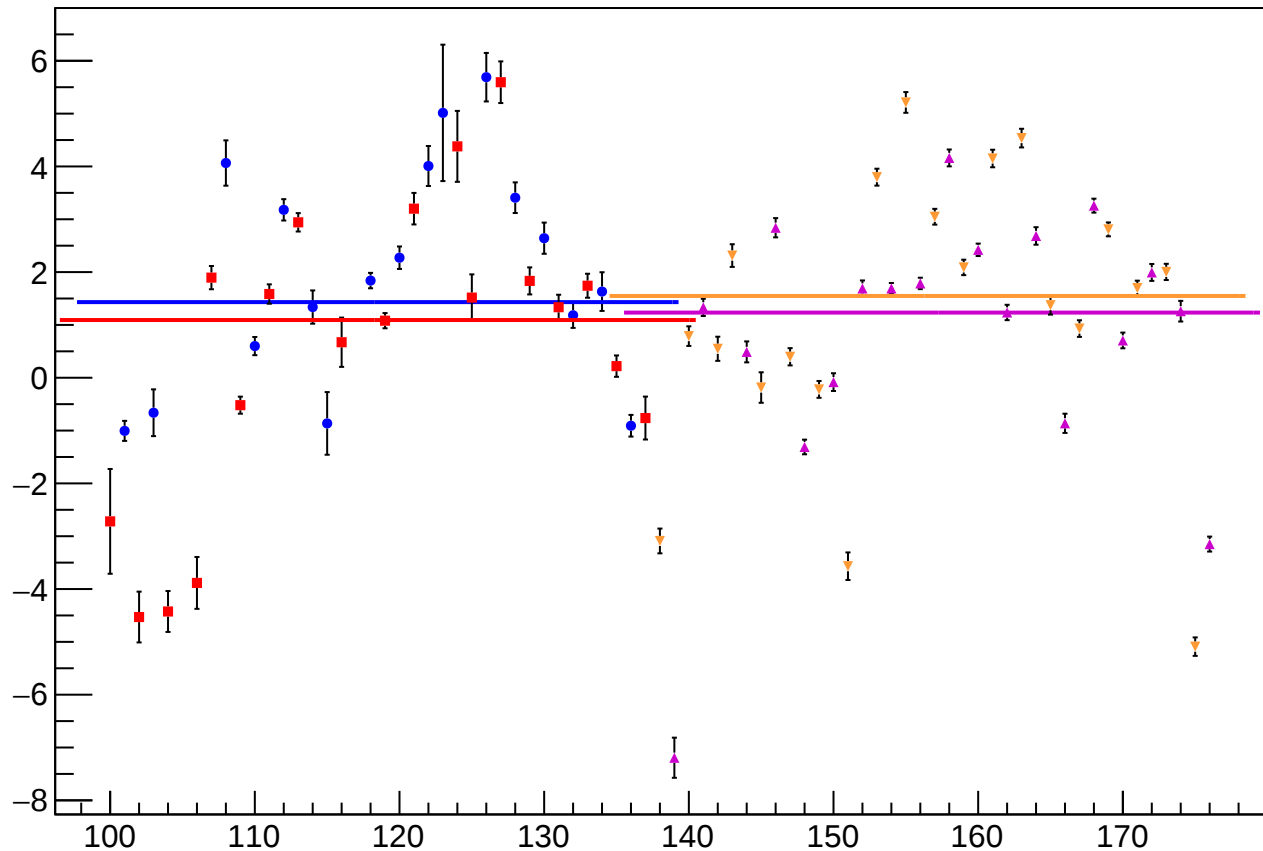
Left In: -18.863+/-0.046 χ^2/NDF : 37520.5/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.568+/-0.034 χ^2/NDF : 102979.7/38

- 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: 1.548 ± 0.039 χ^2/NDF : 3785.3/19

Right Out: 1.092 ± 0.058 χ^2/NDF : 953.2/18

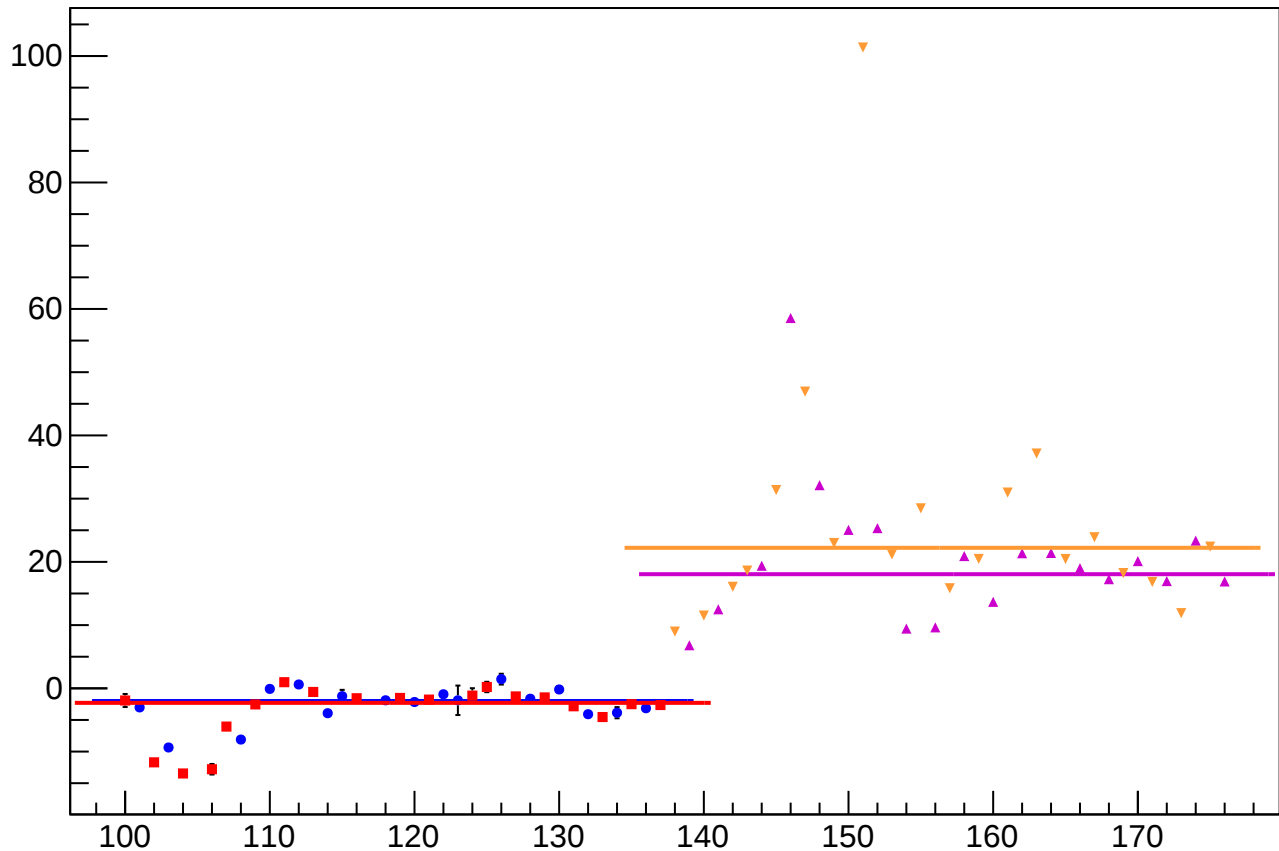
Left In: 1.233 ± 0.034 χ^2/NDF : 2913.6/18

+ sign 1.515 ± 0.033 χ^2/NDF : 4484.4/36

All: 1.340 ± 0.022 χ^2/NDF : 8407.9/74

- sign 1.197 ± 0.029 χ^2/NDF : 3871.1/37

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -2.005 ± 0.111 χ^2/NDF : 463.1/16

Left Out: 22.227 ± 0.051 χ^2/NDF : 55530.9/19

Right Out: -2.295 ± 0.098 χ^2/NDF : 907.2/18

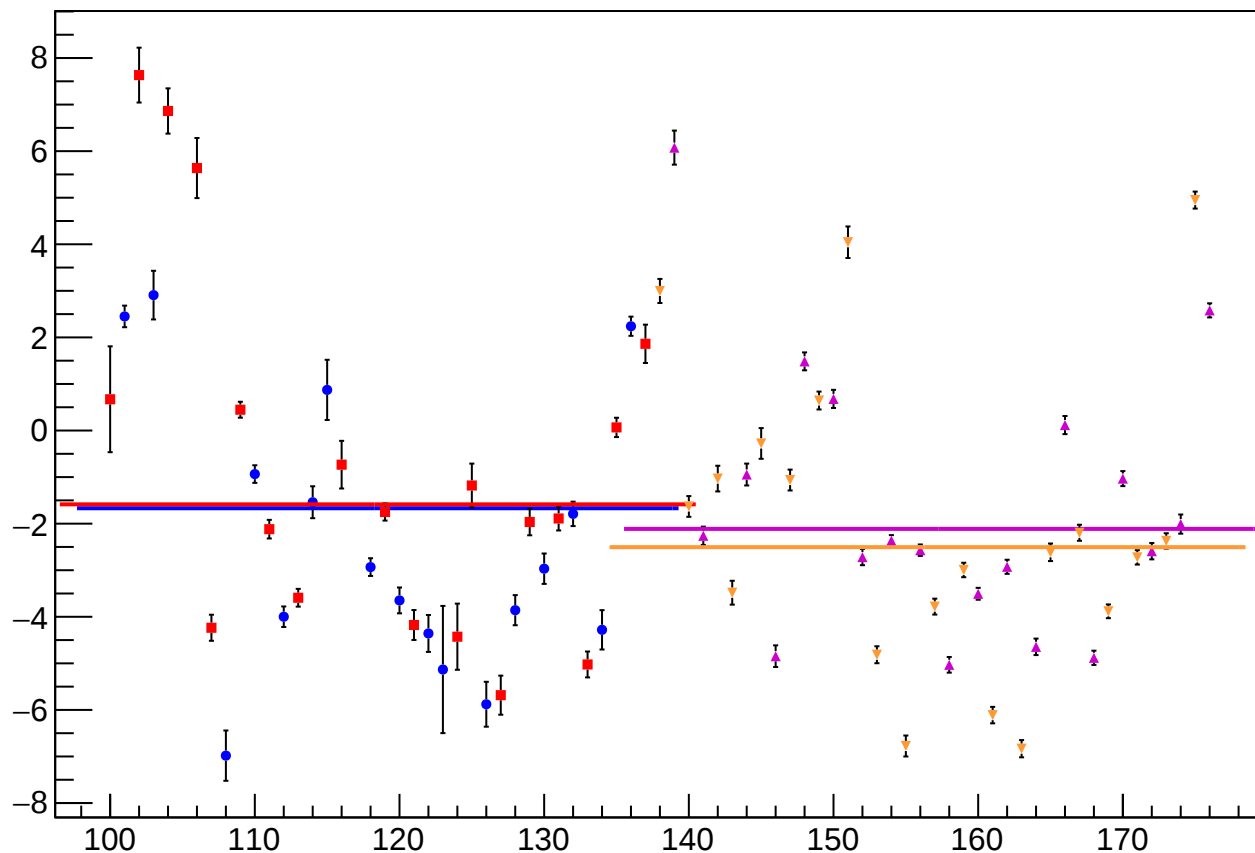
Left In: 18.053 ± 0.045 χ^2/NDF : 35784.8/18

+ sign 18.039 ± 0.046 χ^2/NDF : 95616.2/36

All: 16.098 ± 0.030 χ^2/NDF : 170902.2/74

- sign 14.585 ± 0.041 χ^2/NDF : 72122.8/37

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.669 ± 0.071 χ^2/NDF : 1314.9/16

Left Out: -2.504 ± 0.043 χ^2/NDF : 4547.4/19

Right Out: -1.585 ± 0.065 χ^2/NDF : 1494.7/18

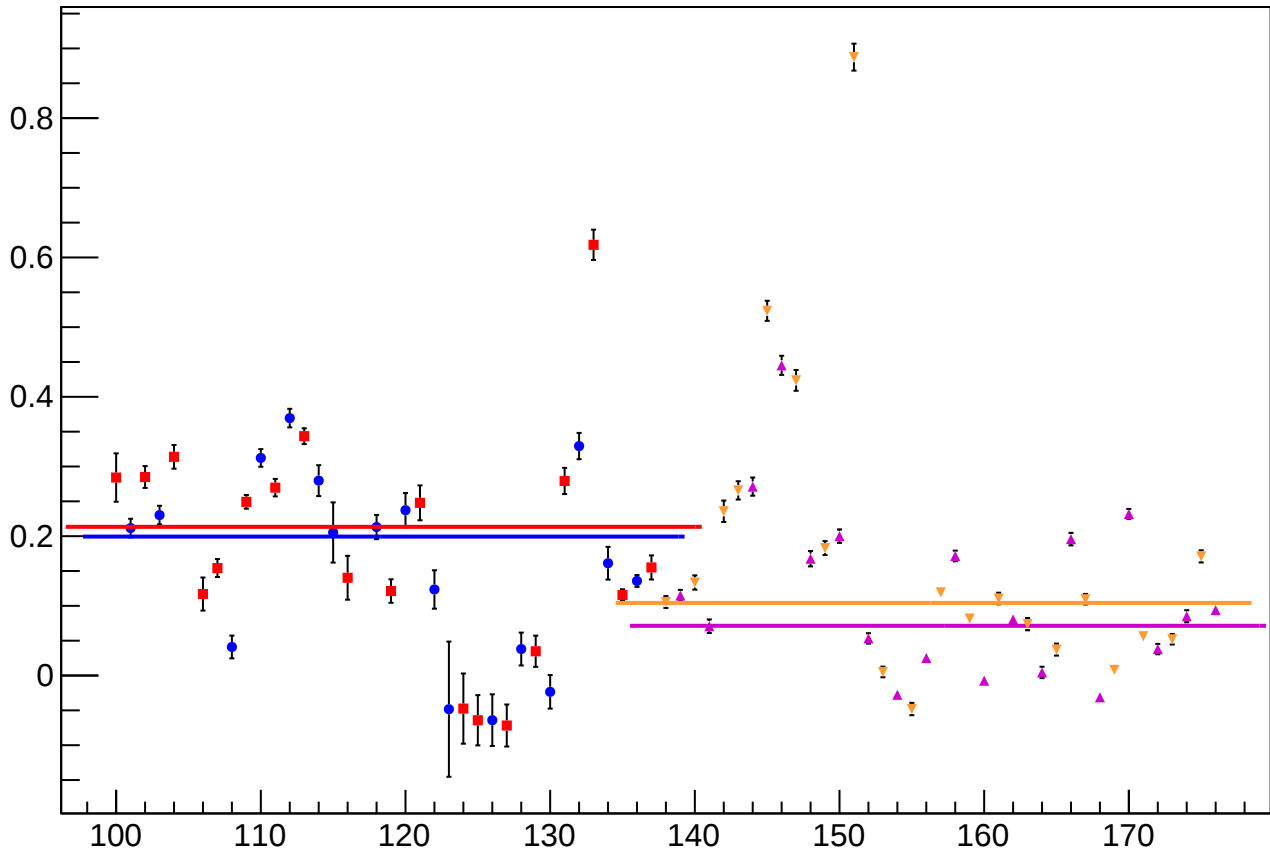
Left In: -2.112 ± 0.039 χ^2/NDF : 3375.7/18

+ sign -2.276 ± 0.037 χ^2/NDF : 5963.6/36

All: -2.110 ± 0.025 χ^2/NDF : 10918.6/74

- sign -1.976 ± 0.033 χ^2/NDF : 4918.6/37

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.199 ± 0.004 χ^2/NDF : 662.1/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4153.2/19

Right Out: 0.213 ± 0.004 χ^2/NDF : 1048.2/18

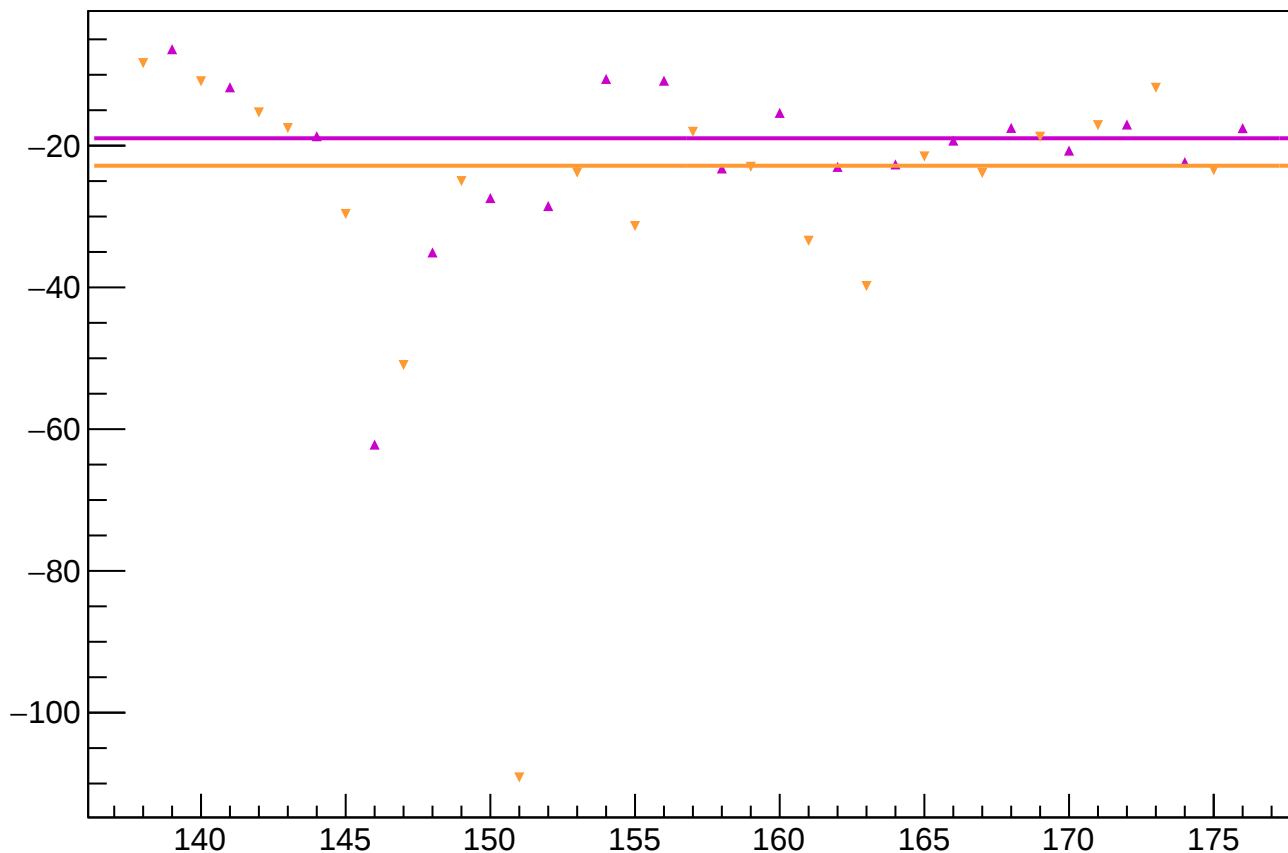
Left In: 0.071 ± 0.002 χ^2/NDF : 3191.5/18

+ sign 0.122 ± 0.002 χ^2/NDF : 5249.3/36

All: 0.107 ± 0.001 χ^2/NDF : 10847.7/74

- sign 0.096 ± 0.002 χ^2/NDF : 5474.7/37

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -22.833+/-0.051 χ^2/NDF : 62418.8/19

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

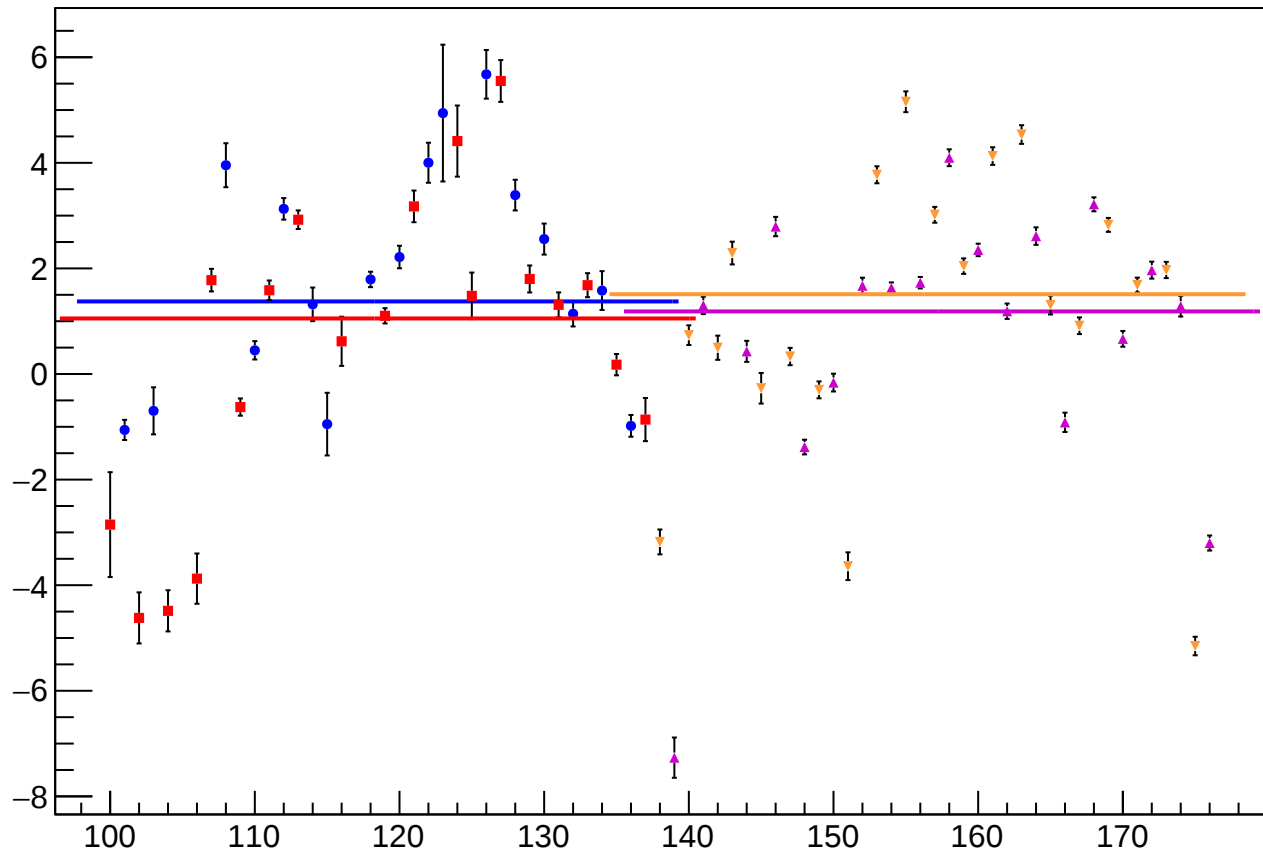
Left In: -18.959+/-0.046 χ^2/NDF : 37588.3/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.677+/-0.034 χ^2/NDF : 103182.3/38

- 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: 1.511 $\pm$ 0.039 χ^2/NDF : 3805.0/19

Right Out: 1.052 $\pm$ 0.058 χ^2/NDF : 964.0/18

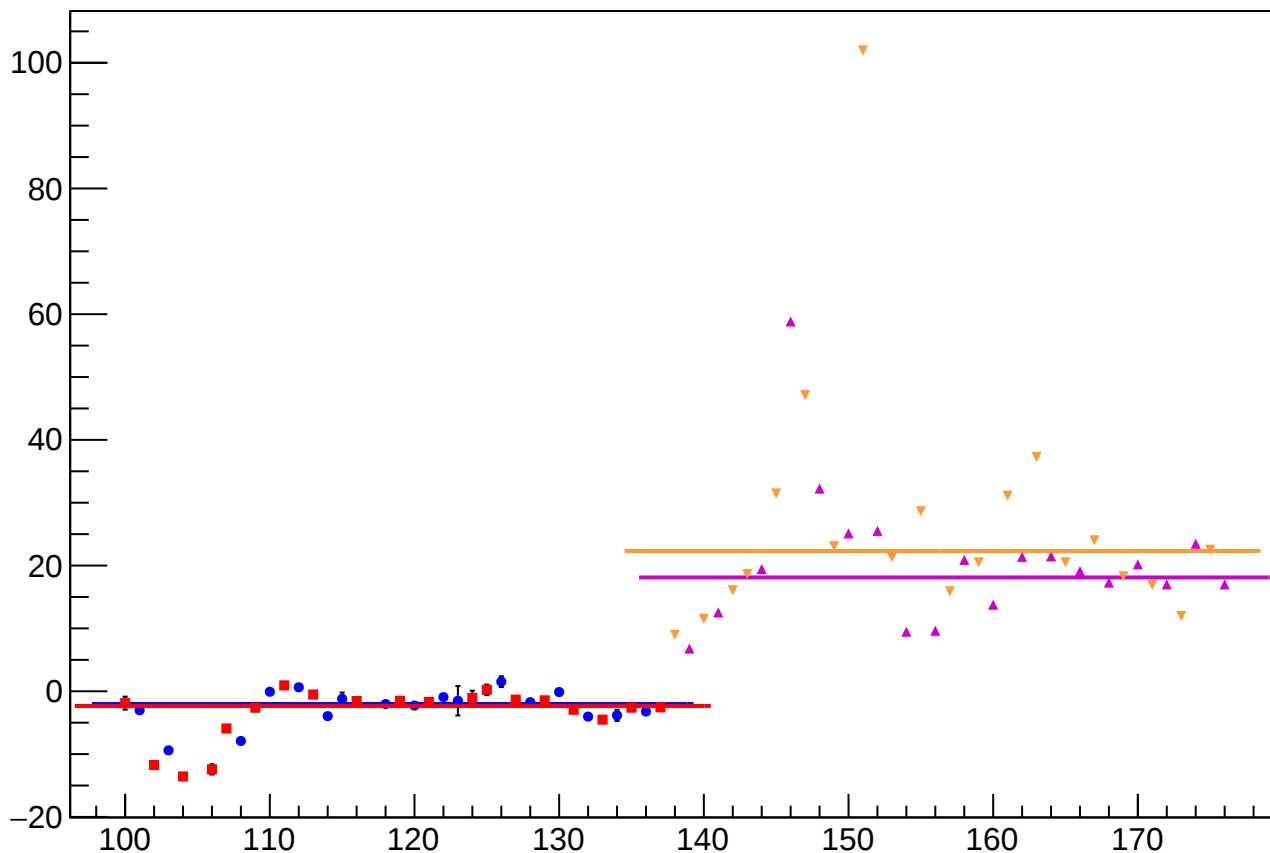
Left In: 1.185 $\pm$ 0.034 χ^2/NDF : 2893.8/18

+ sign 1.473 $\pm$ 0.033 χ^2/NDF : 4510.9/36

All: 1.295 $\pm$ 0.022 χ^2/NDF : 8425.8/74

- sign 1.151 $\pm$ 0.030 χ^2/NDF : 3861.8/37

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.031 ± 0.111 χ^2/NDF : 463.2/16

Left Out: 22.318 ± 0.051 χ^2/NDF : 55628.6/19

Right Out: -2.336 ± 0.099 χ^2/NDF : 902.0/18

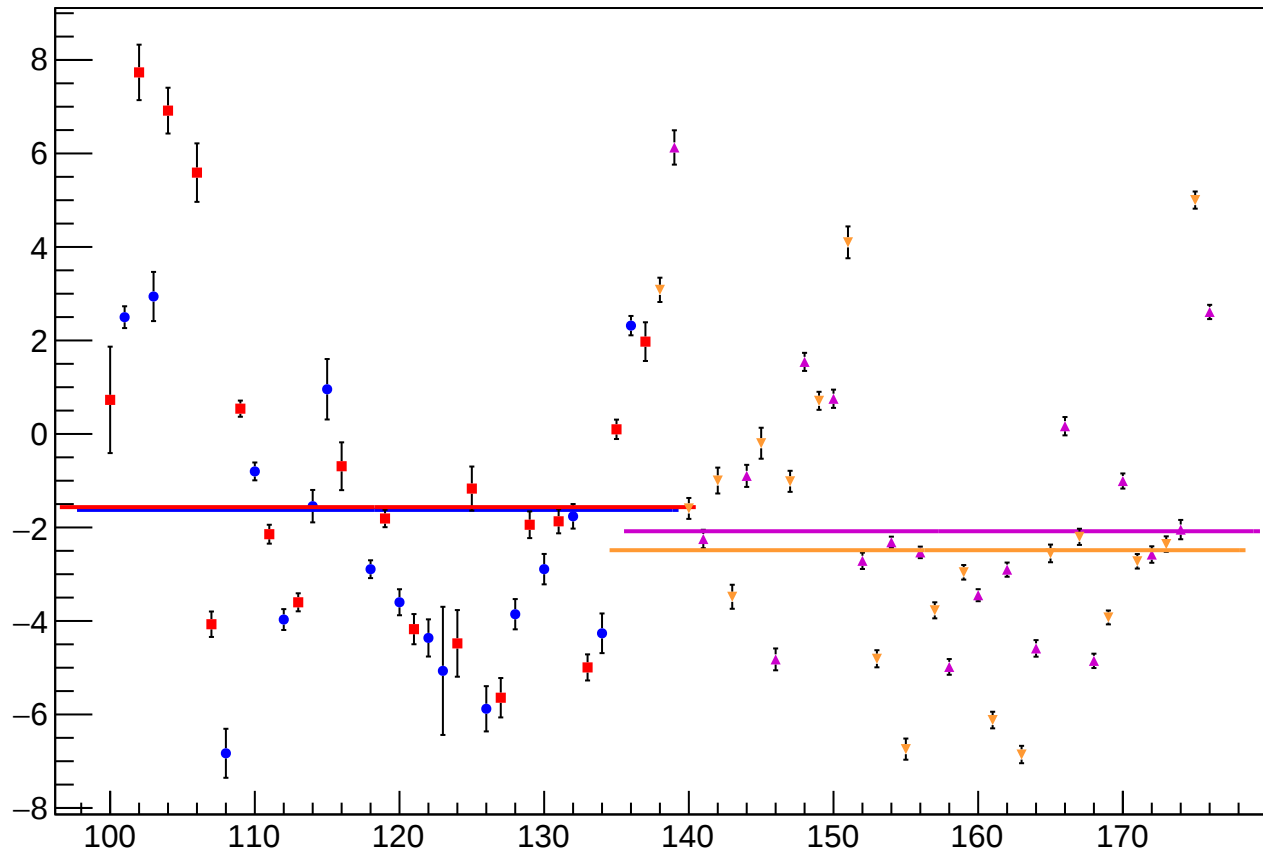
Left In: 18.110 ± 0.045 χ^2/NDF : 35864.8/18

+ sign 18.116 ± 0.046 χ^2/NDF : 95689.3/36

All: 16.158 ± 0.031 χ^2/NDF : 171089.0/74

- sign 14.631 ± 0.041 χ^2/NDF : 72206.2/37

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.625 $\pm$ 0.071 χ^2/NDF : 1320.8/16

Left Out: -2.487 $\pm$ 0.044 χ^2/NDF : 4576.0/19

Right Out: -1.565 $\pm$ 0.066 χ^2/NDF : 1505.8/18

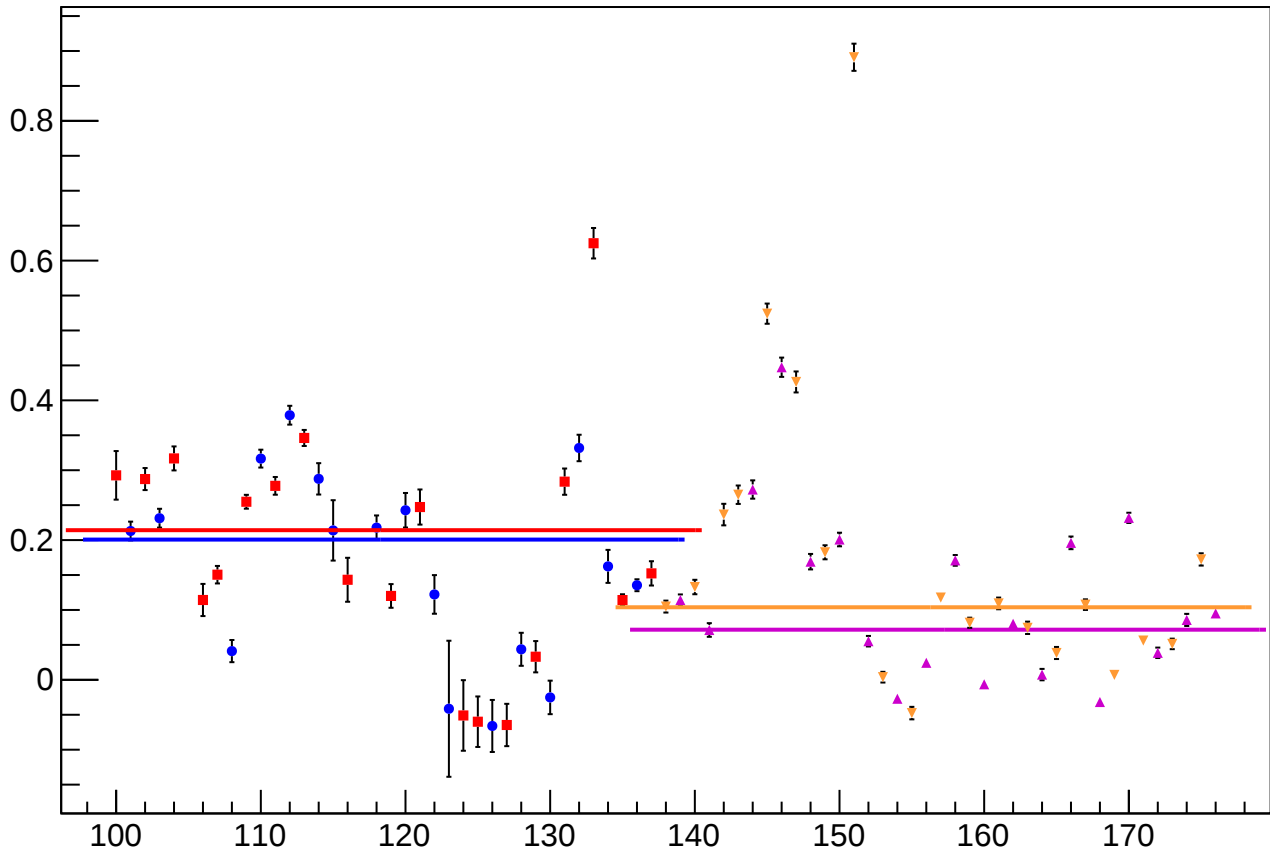
Left In: -2.081 $\pm$ 0.039 χ^2/NDF : 3351.0/18

+ sign -2.251 $\pm$ 0.037 χ^2/NDF : 6003.6/36

All: -2.083 $\pm$ 0.025 χ^2/NDF : 10943.2/74

- sign -1.948 $\pm$ 0.033 χ^2/NDF : 4902.6/37

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 690.6/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4143.3/19

Right Out: 0.214 ± 0.004 χ^2/NDF : 1080.4/18

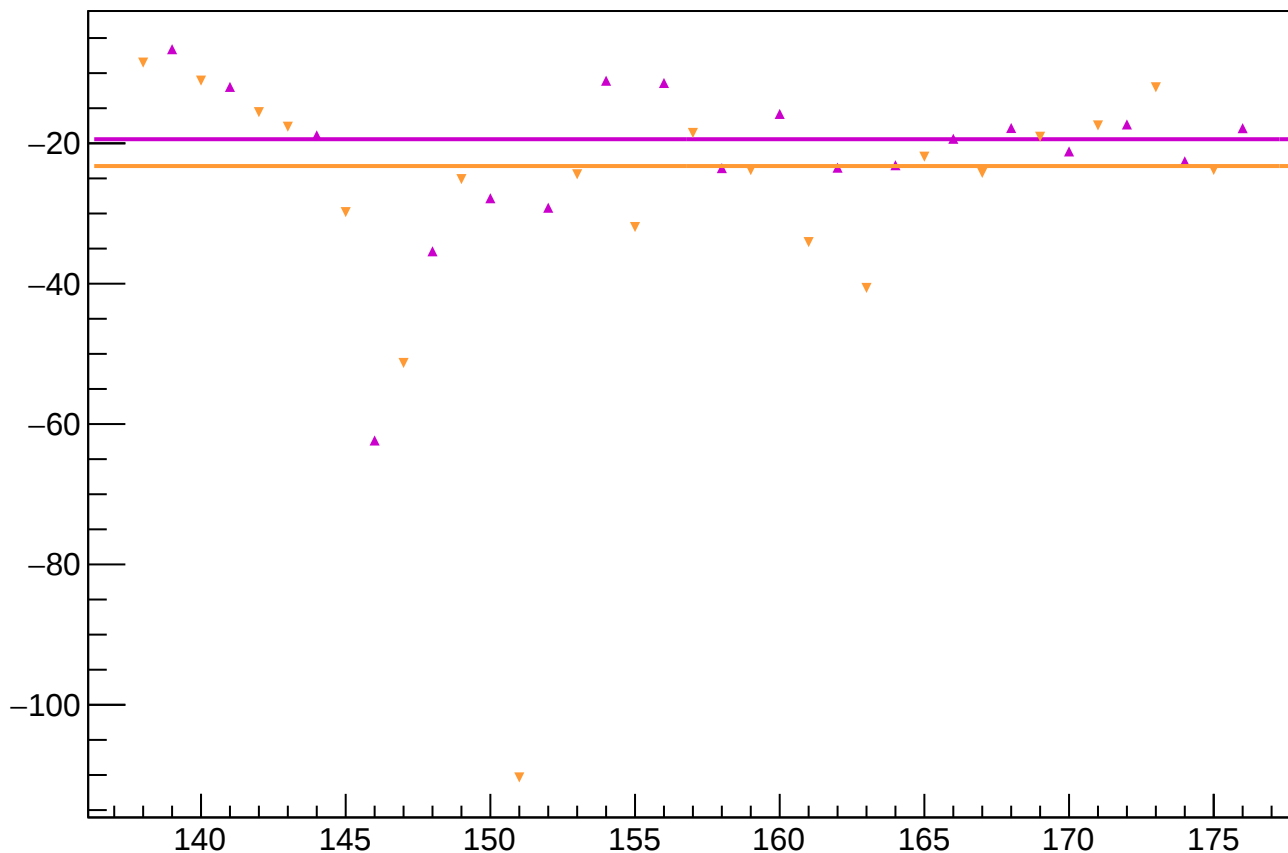
Left In: 0.072 ± 0.002 χ^2/NDF : 3171.0/18

+ sign 0.122 ± 0.002 χ^2/NDF : 5280.1/36

All: 0.107 ± 0.001 χ^2/NDF : 10884.8/74

- sign 0.096 ± 0.002 χ^2/NDF : 5487.4/37

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.239+/-0.052 χ^2/NDF : 62270.9/19

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

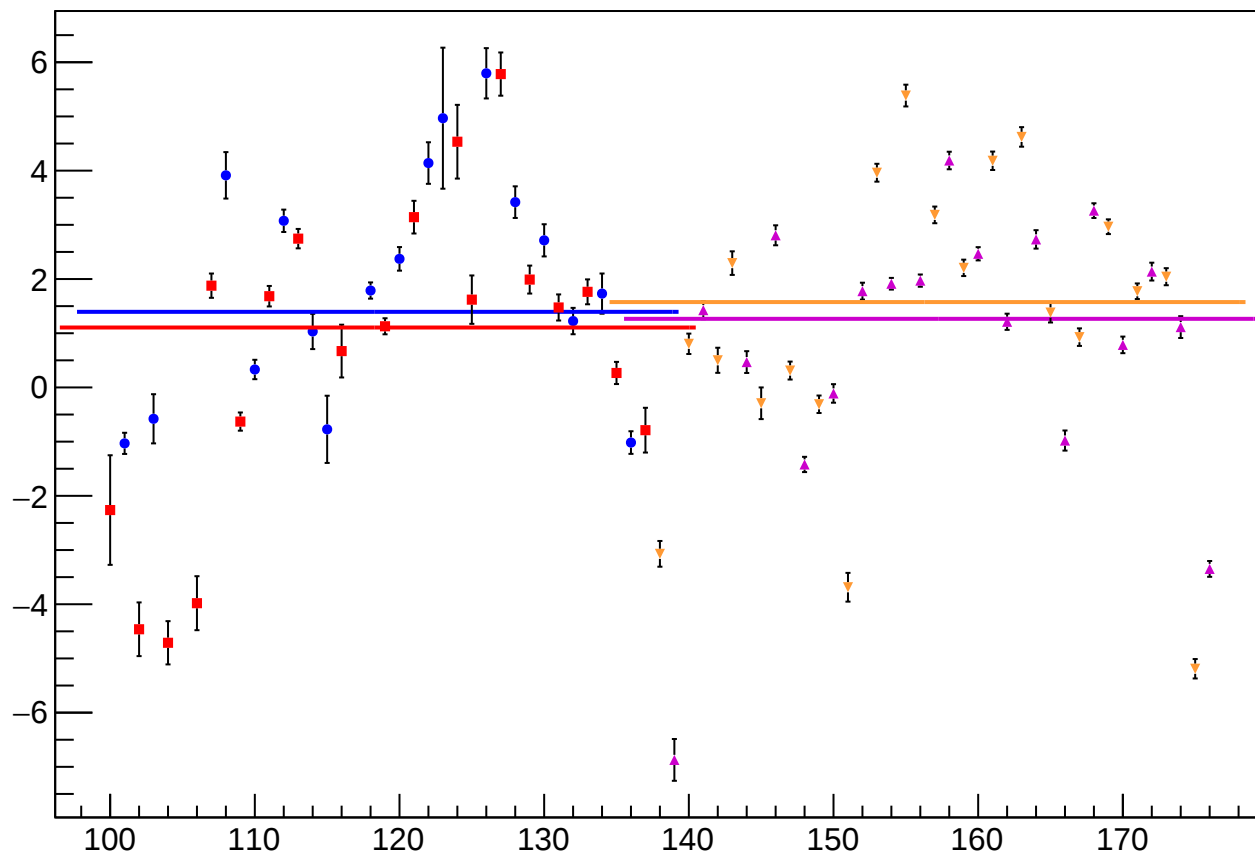
Left In: -19.416+/-0.047 χ^2/NDF : 36437.1/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.119+/-0.035 χ^2/NDF : 101672.0/38

- 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: 1.575 $\pm$ 0.039 χ^2/NDF :3835.4/19

Right Out: 1.106 $\pm$ 0.059 χ^2/NDF : 937.0/18

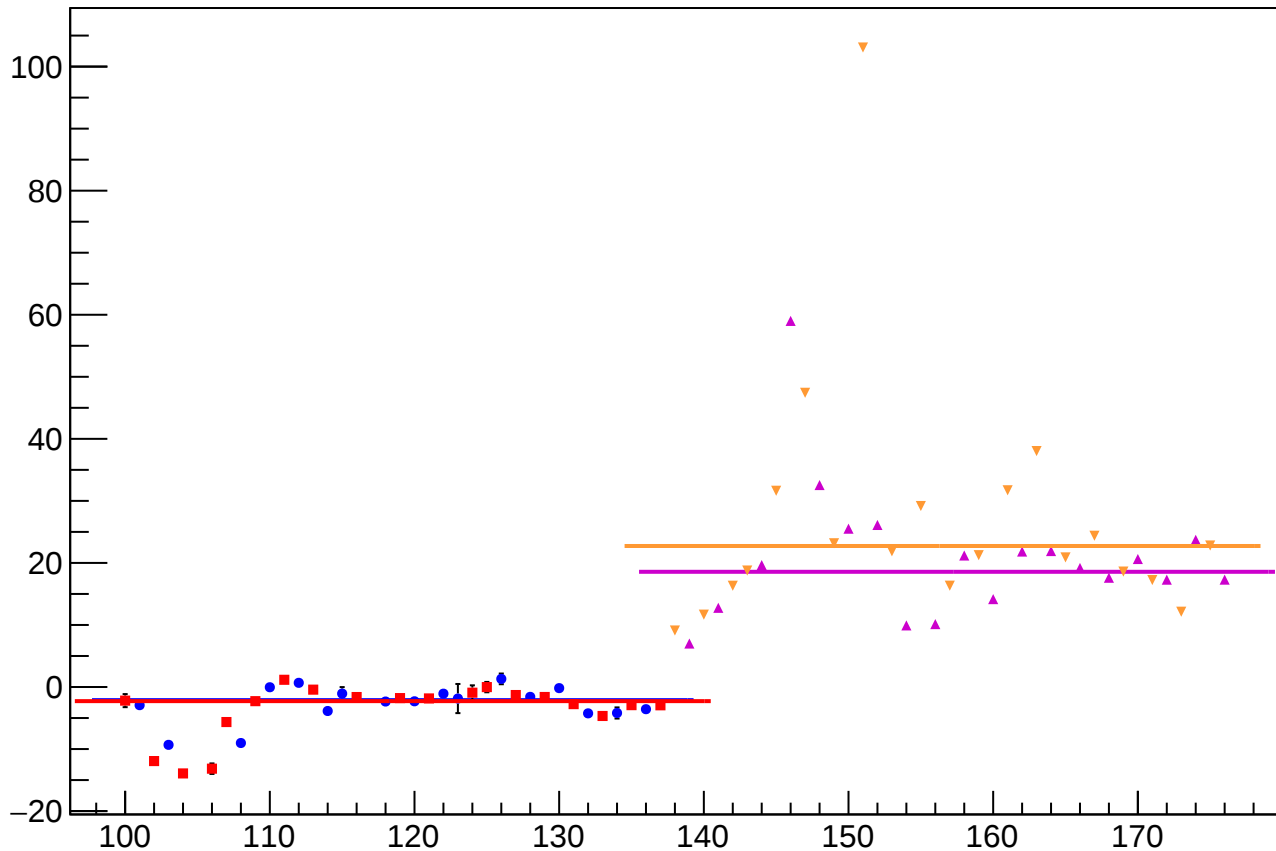
Left In: 1.266 $\pm$ 0.035 χ^2/NDF :2944.7/18

+ sign 1.524 $\pm$ 0.033 χ^2/NDF : 4542.7/36

All: 1.359 $\pm$ 0.022 χ^2/NDF : 8474.1/74

- sign 1.224 $\pm$ 0.030 χ^2/NDF : 3887.0/37

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.119 ± 0.113 χ^2/NDF : 486.3/16

Left Out: 22.729 ± 0.052 χ^2/NDF : 55374.0/19

Right Out: -2.277 ± 0.101 χ^2/NDF : 919.4/18

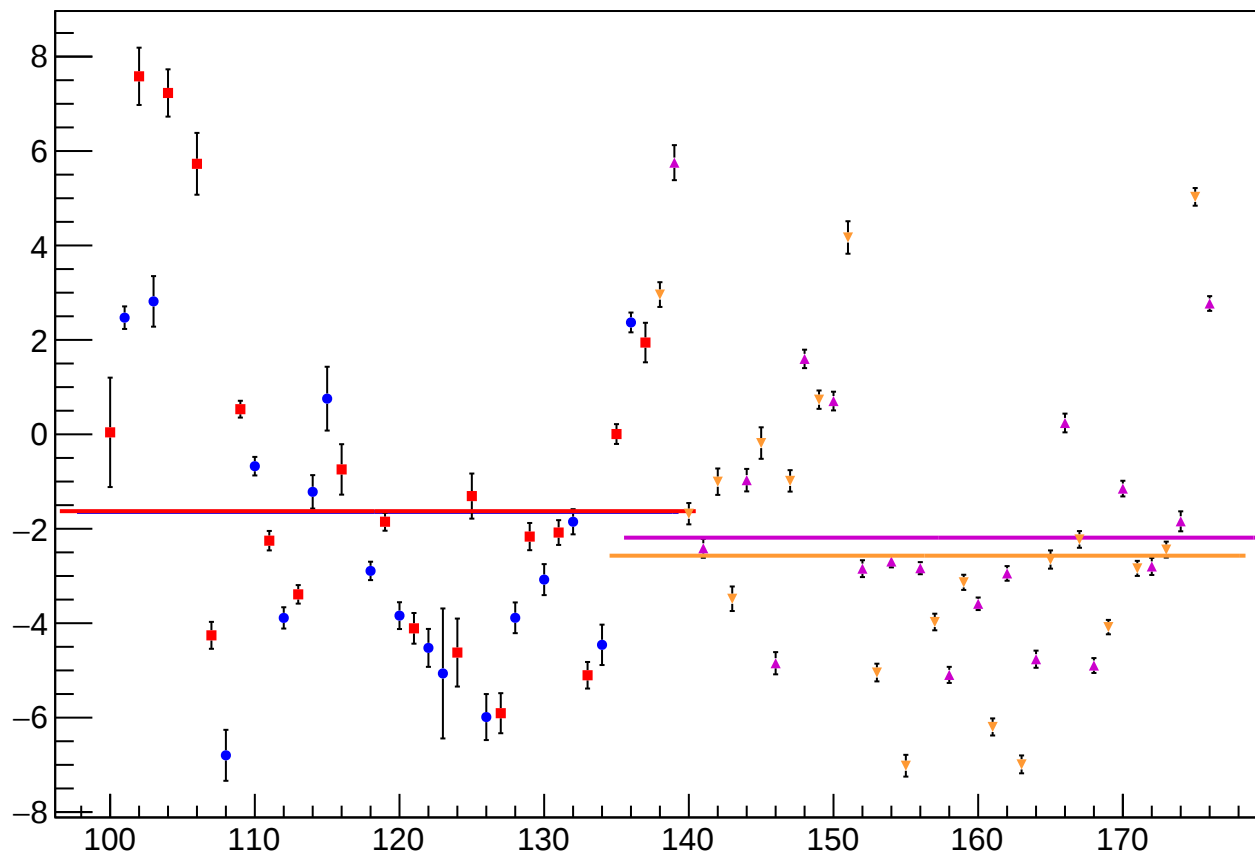
Left In: 18.570 ± 0.046 χ^2/NDF : 34560.4/18

+ sign 18.427 ± 0.047 χ^2/NDF : 95630.1/36

All: 16.510 ± 0.031 χ^2/NDF : 169349.6/74

- sign 15.003 ± 0.042 χ^2/NDF : 70766.9/37

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: -2.570 $\pm$ 0.044 χ^2/NDF : 4599.0/19

Right Out: -1.627 $\pm$ 0.067 χ^2/NDF : 1468.1/18

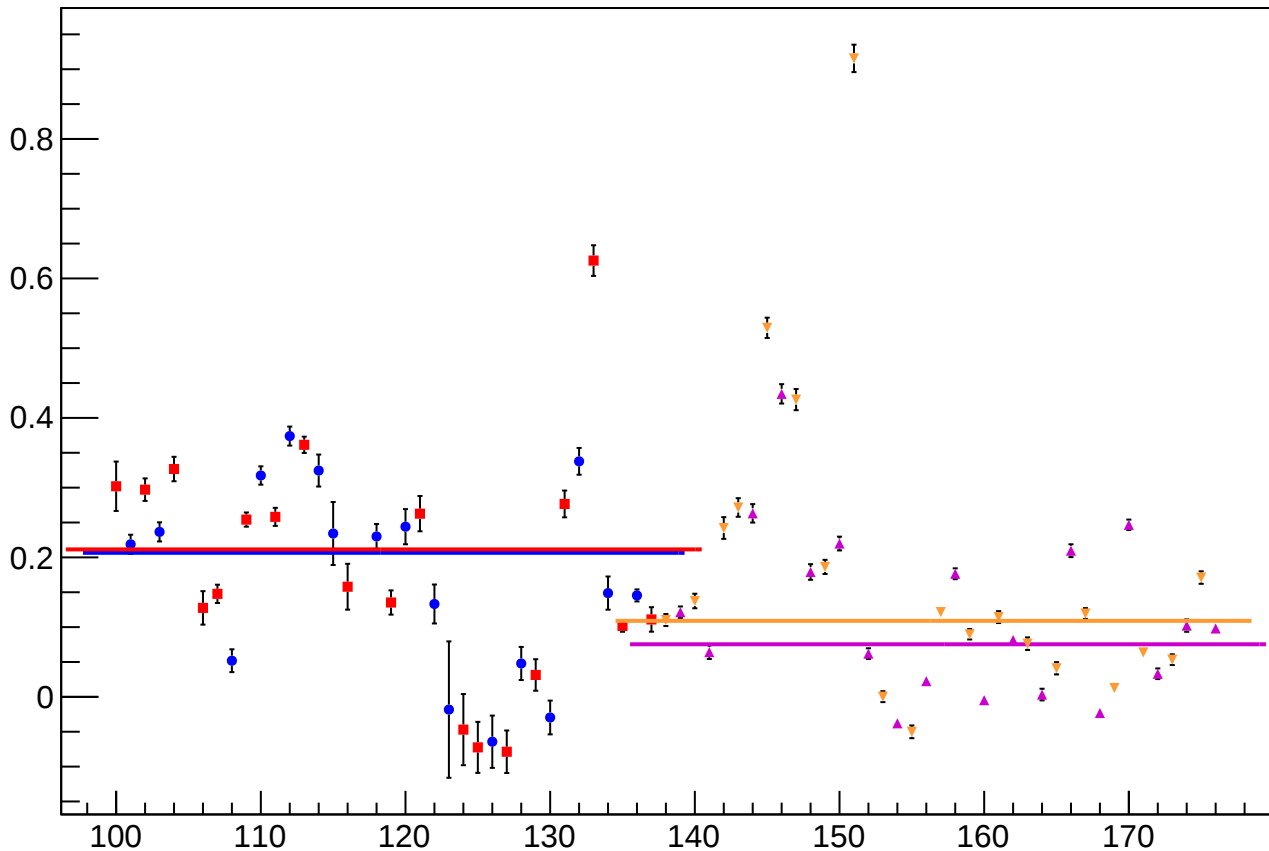
Left In: -2.188 $\pm$ 0.040 χ^2/NDF : 3391.3/18

+ sign -2.316 $\pm$ 0.038 χ^2/NDF : 6028.2/36

All: -2.165 $\pm$ 0.025 χ^2/NDF : 10968.5/74

- sign -2.042 $\pm$ 0.034 χ^2/NDF : 4911.4/37

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 $\chi^2/\text{NDF}: 655.0/16$

Left Out: 0.109 ± 0.002 $\chi^2/\text{NDF}: 4159.9/19$

Right Out: 0.211 ± 0.004 $\chi^2/\text{NDF}: 1145.6/18$

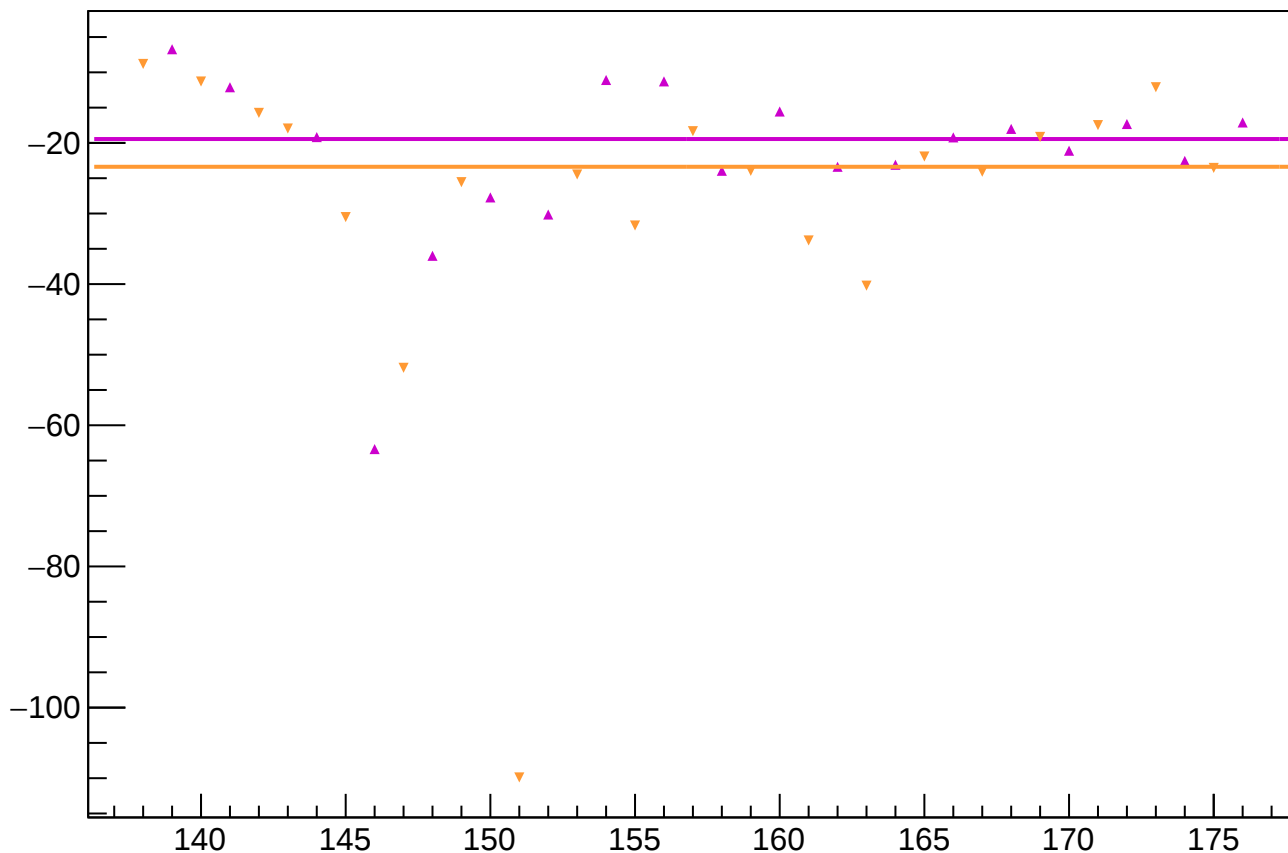
Left In: 0.075 ± 0.002 $\chi^2/\text{NDF}: 3269.4/18$

+ sign 0.127 ± 0.002 $\chi^2/\text{NDF}: 5251.4/36$

All: 0.111 ± 0.001 $\chi^2/\text{NDF}: 10884.2/74$

- sign 0.099 ± 0.002 $\chi^2/\text{NDF}: 5495.8/37$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.379+/-0.053 χ^2/NDF : 61034.7/19

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

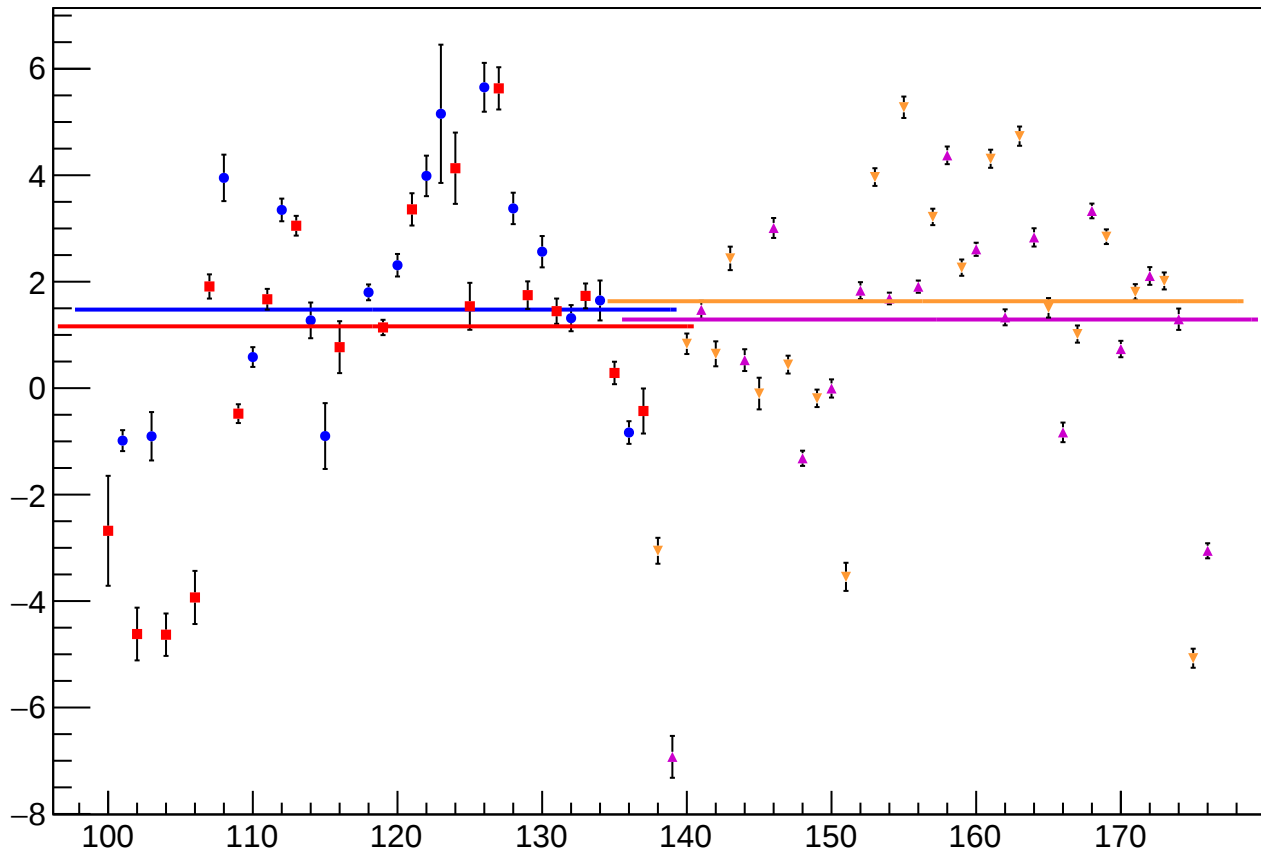
Left In: -19.447+/-0.047 χ^2/NDF : 36868.9/18

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.197+/-0.035 χ^2/NDF : 100983.3/38

- 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: 1.633 $\pm$ 0.040 χ^2/NDF : 3701.8/19

Right Out: 1.161 $\pm$ 0.060 χ^2/NDF : 917.9/18

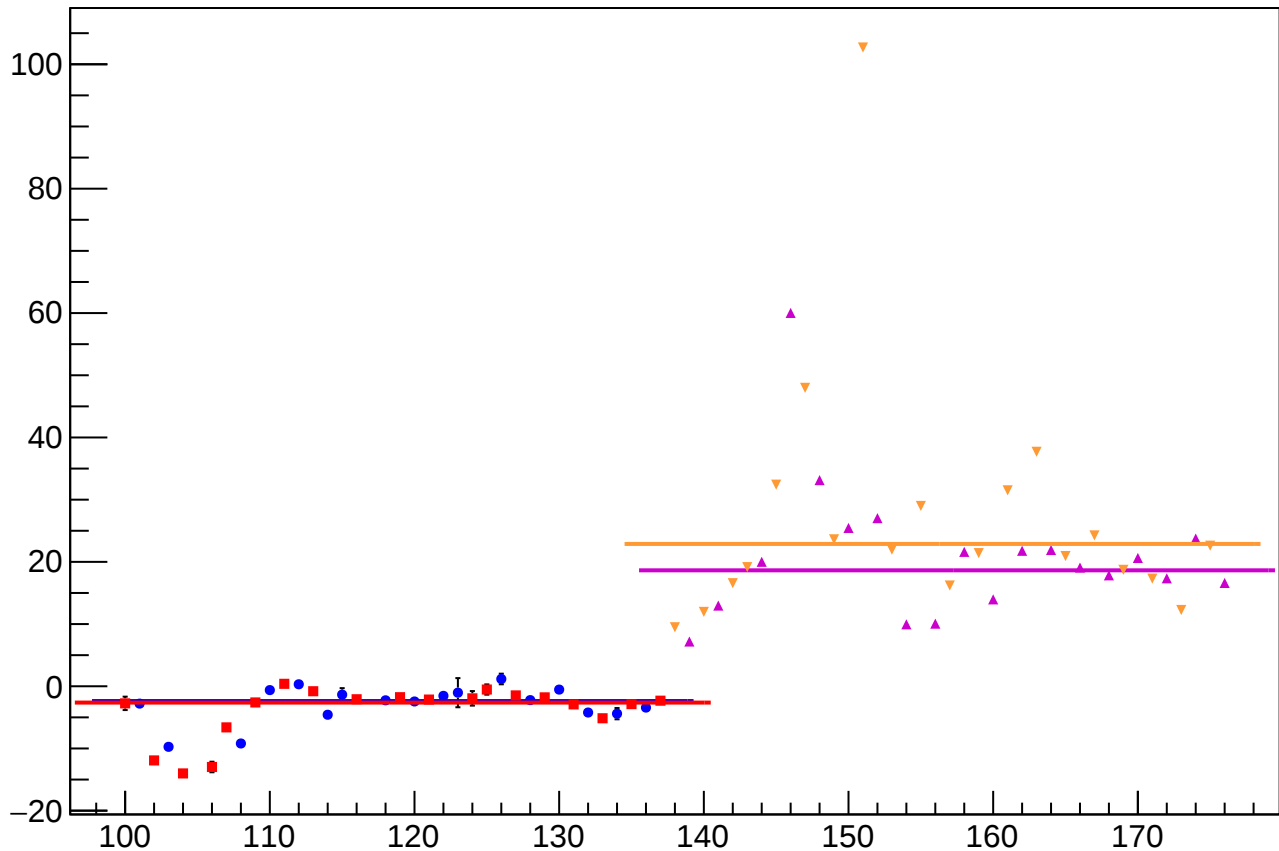
Left In: 1.289 $\pm$ 0.036 χ^2/NDF : 2848.1/18

+ sign 1.589 $\pm$ 0.034 χ^2/NDF : 4365.9/36

All: 1.406 $\pm$ 0.023 χ^2/NDF : 8188.6/74

- sign 1.256 $\pm$ 0.031 χ^2/NDF : 3769.4/37

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.380 ± 0.115 χ^2/NDF : 438.8/16

Left Out: 22.884 ± 0.052 χ^2/NDF : 54387.6/19

Right Out: -2.623 ± 0.103 χ^2/NDF : 841.3/18

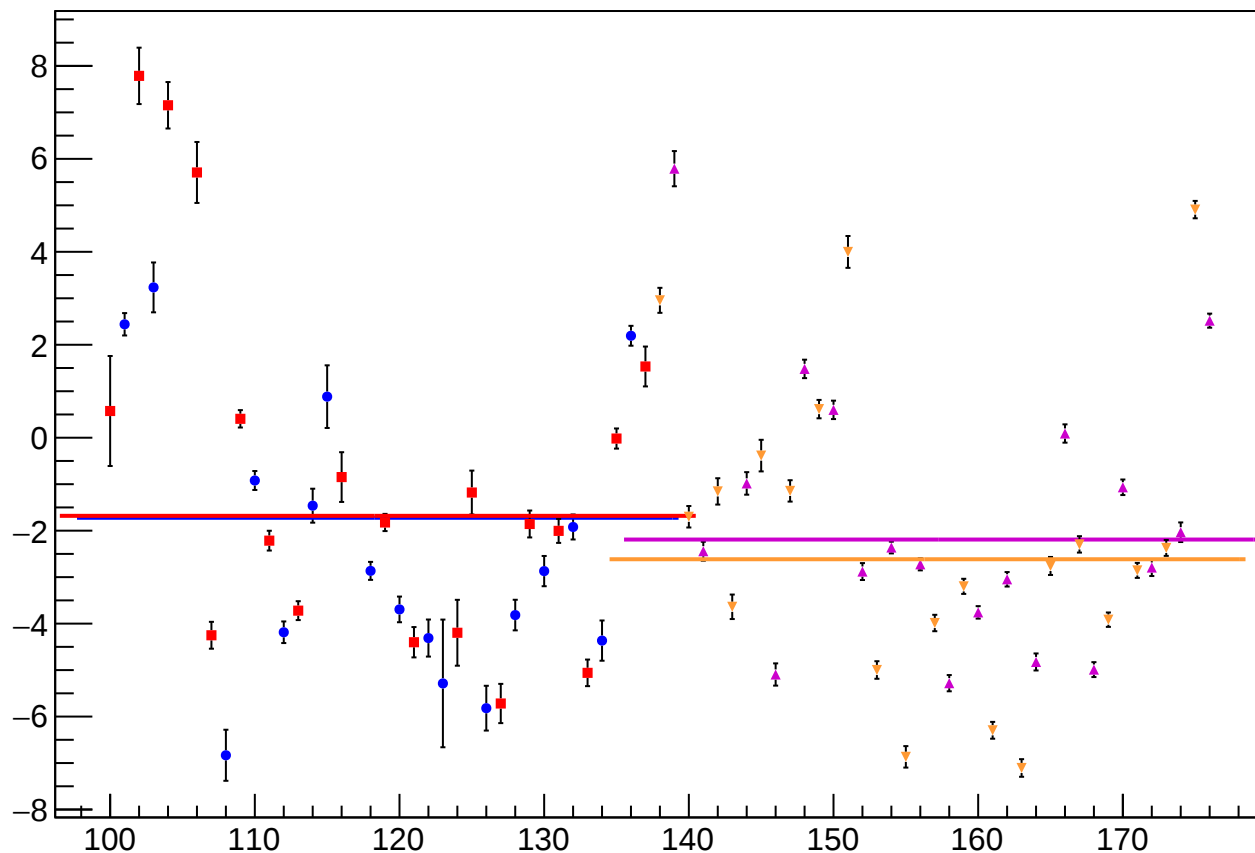
Left In: 18.641 ± 0.046 χ^2/NDF : 34976.4/18

+ sign 18.555 ± 0.048 χ^2/NDF : 94799.2/36

All: 16.612 ± 0.032 χ^2/NDF : 168903.1/74

- sign 15.081 ± 0.042 χ^2/NDF : 71124.4/37

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.722 $\pm$ 0.073 χ^2/NDF : 1247.6/16

Left Out: -2.615 $\pm$ 0.045 χ^2/NDF :4448.6/19

Right Out: -1.681 $\pm$ 0.068 χ^2/NDF : 1431.0/18

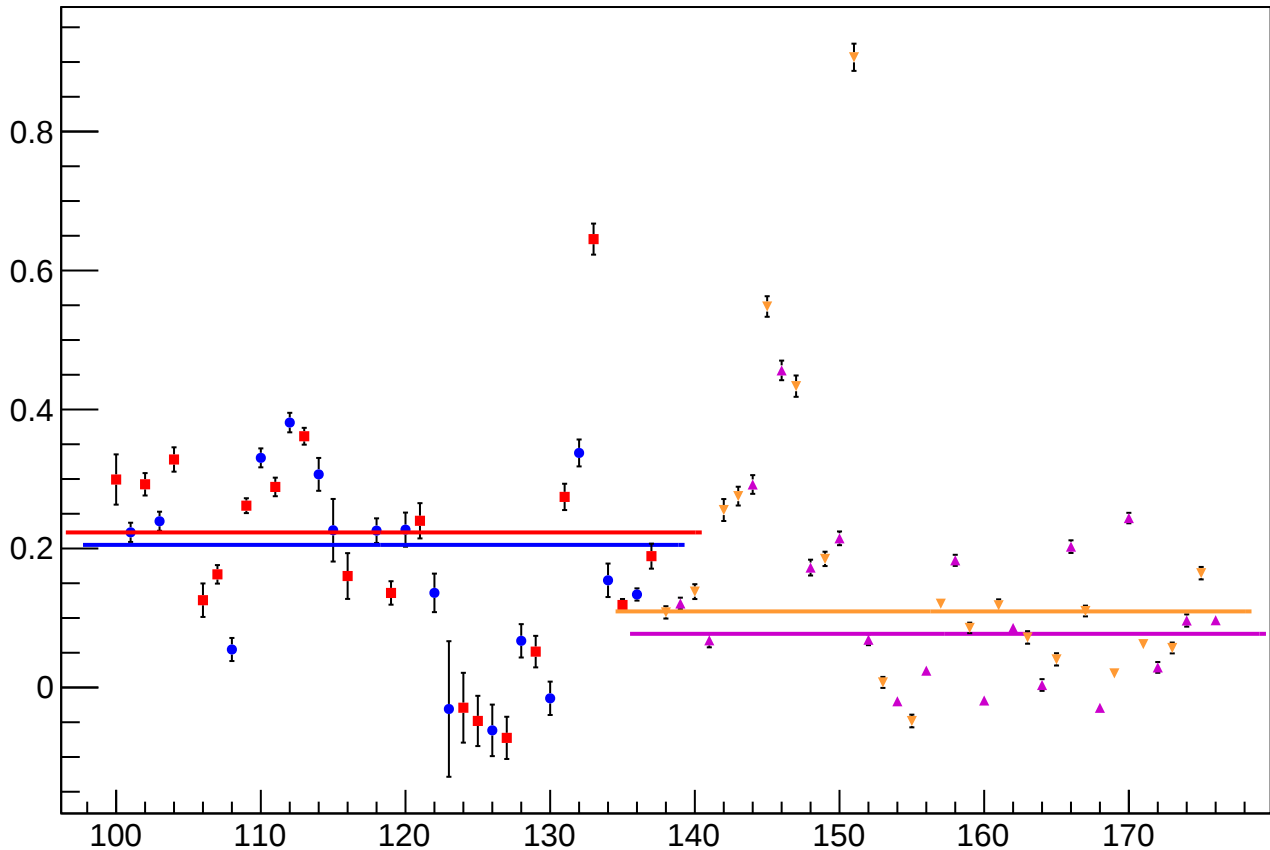
Left In: -2.191 $\pm$ 0.040 χ^2/NDF :3339.0/18

+ sign -2.371 $\pm$ 0.038 χ^2/NDF : 5804.5/36

All: -2.199 $\pm$ 0.026 χ^2/NDF : 10653.0/74

- sign -2.059 $\pm$ 0.035 χ^2/NDF : 4811.8/37

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.004 χ^2/NDF : 650.7/16

Left Out: 0.109 ± 0.002 χ^2/NDF : 4127.8/19

Right Out: 0.223 ± 0.004 χ^2/NDF : 1040.5/18

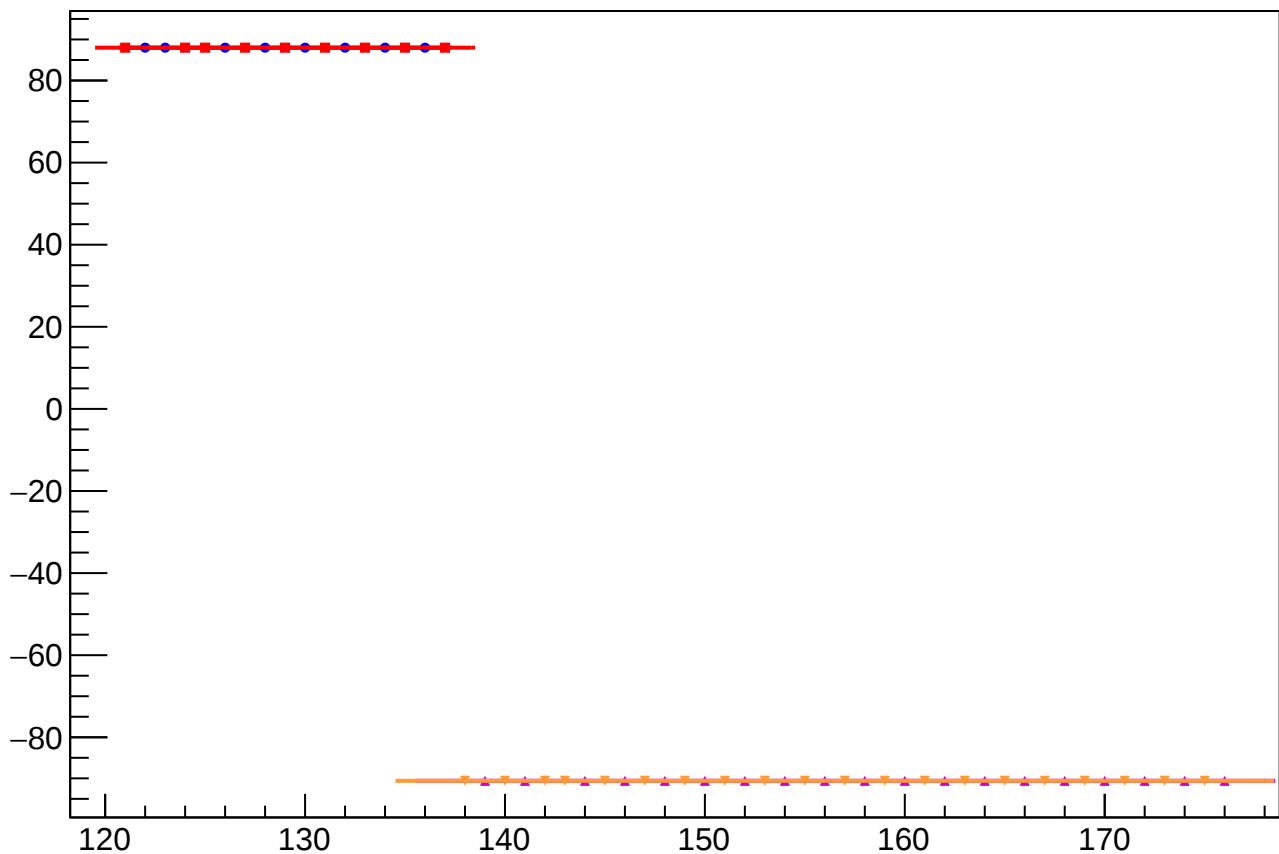
Left In: 0.077 ± 0.002 χ^2/NDF : 3236.6/18

+ sign 0.127 ± 0.002 χ^2/NDF : 5188.3/36

All: 0.113 ± 0.001 χ^2/NDF : 10769.0/74

- sign 0.102 ± 0.002 χ^2/NDF : 5474.8/37

VWienAngle_mean vs Slug



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 714089.5/7

Left Out: -90.599 $\pm$ 0.000 χ^2 /NDF: 5508748.2/19

Right Out: 88.001 $\pm$ 0.000 χ^2 /NDF: 109456.0/8

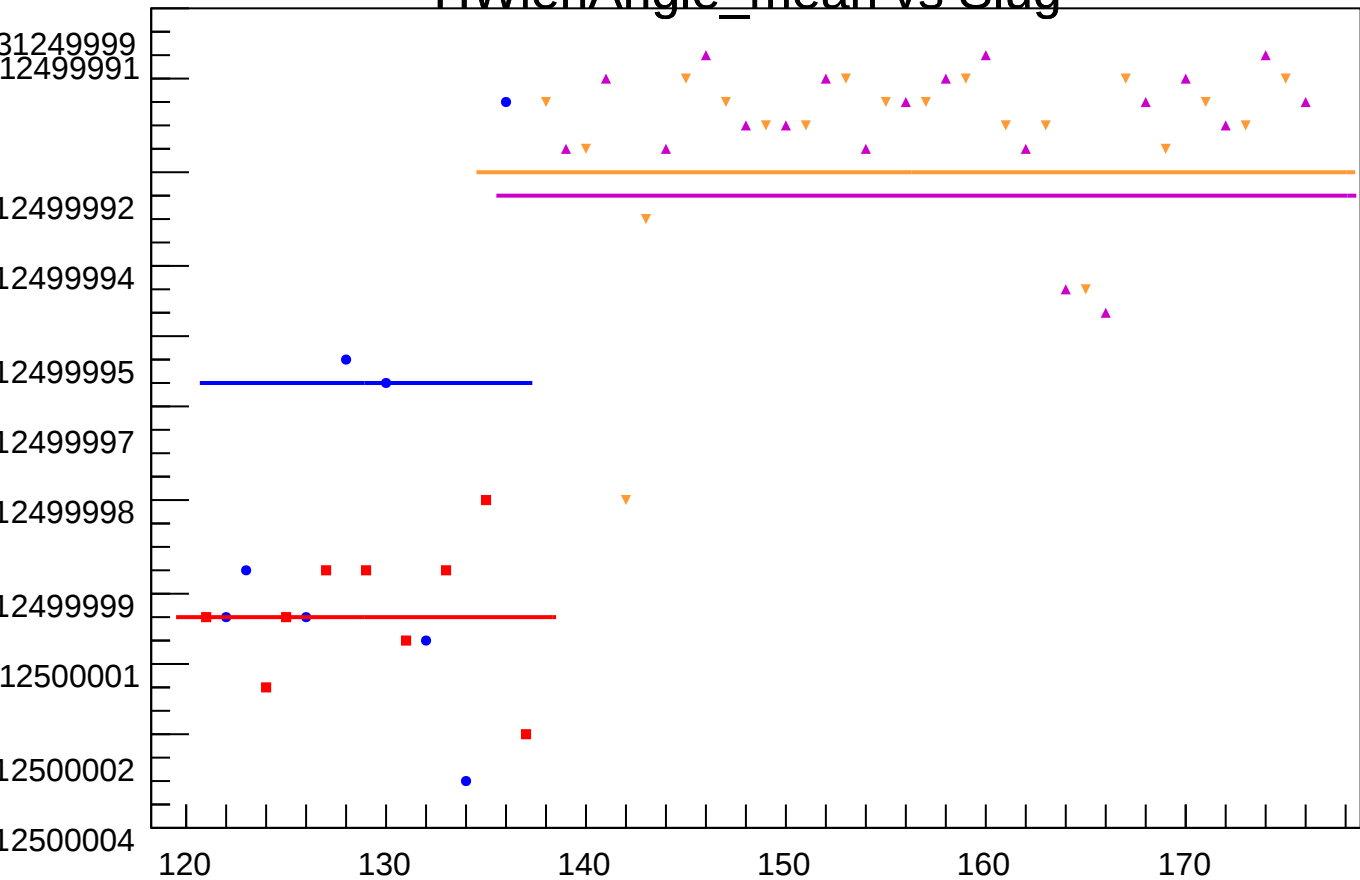
Left In: -90.599 $\pm$ 0.000 χ^2 /NDF: 5394849.3/18

+ sign -58.417 $\pm$ 0.000 χ^2 /NDF: 894339473652263

All: -59.101 $\pm$ 0.000 χ^2 /NDF: 173660647453

- sign -59.803 $\pm$ 0.000 χ^2 /NDF: 8420871776454034

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 : 288584.3/19

Right Out: -29.641 ± 0.000 χ^2/NDF : 29358.2/8

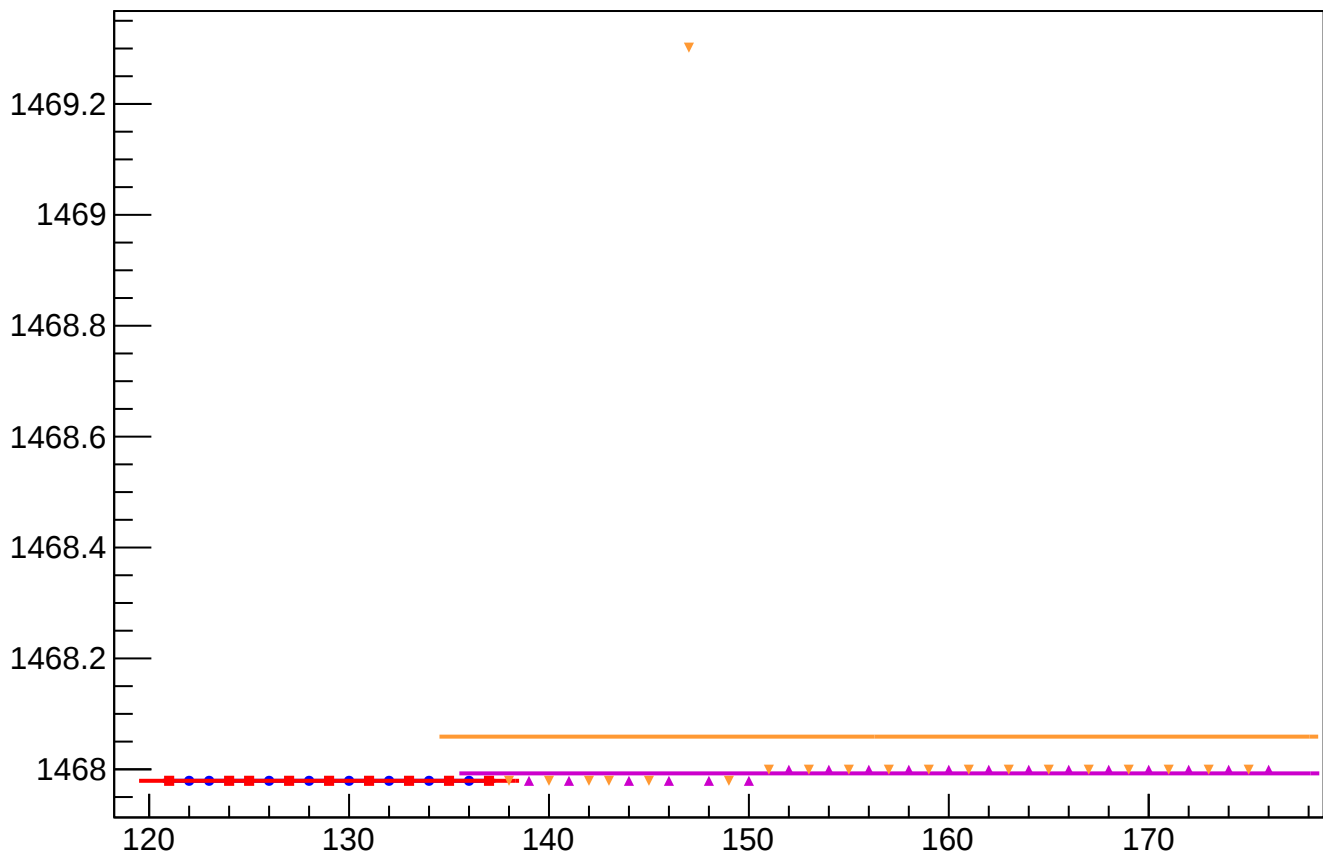
Left In: -29.641 ± 0.000 χ^2/NDF : 345382.2/18

+ sign -29.641 ± 0.000 χ^2/NDF : 1165734.5/27

All: -29.641 ± 0.000 χ^2/NDF : 2860460.1/55

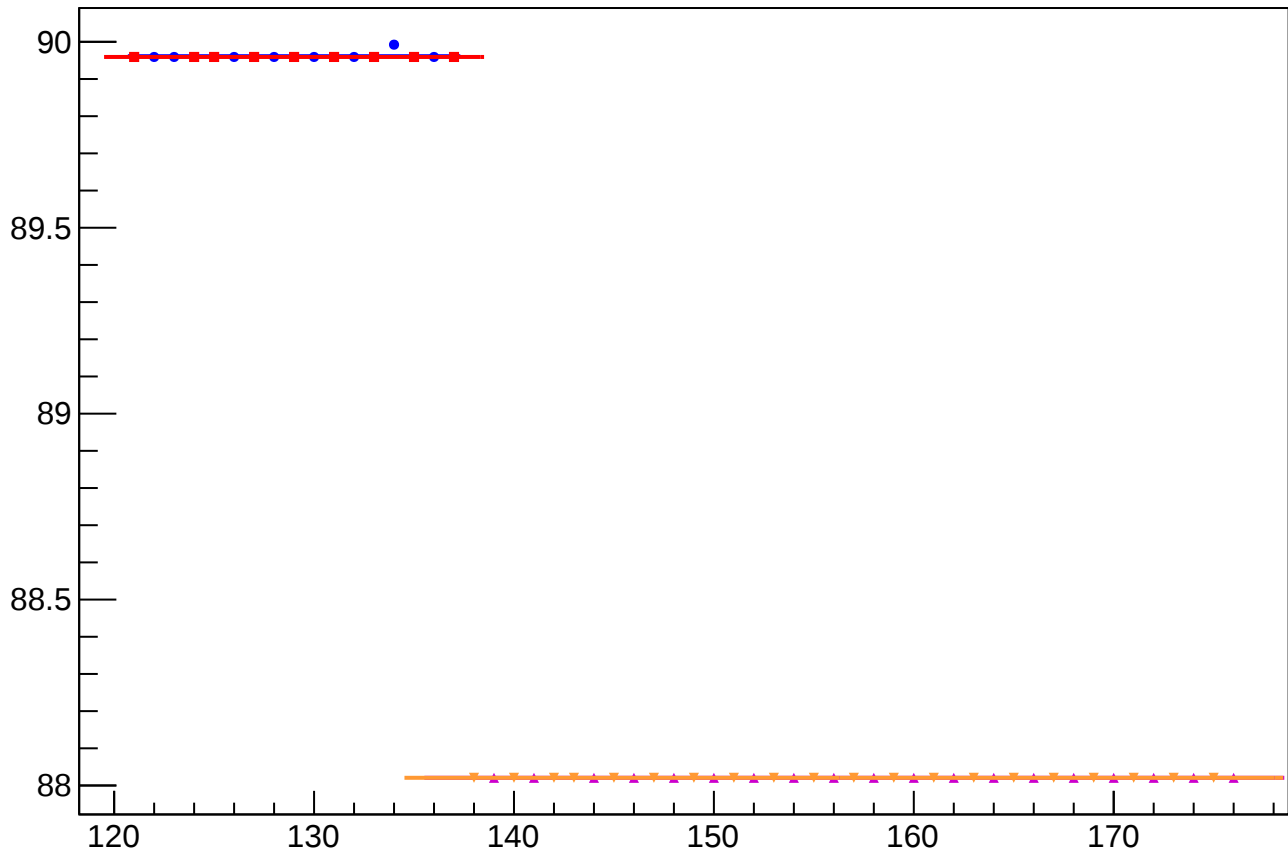
- sign -29.641 ± 0.000 χ^2/NDF : 1648681.4/27

psub_pl_pos_mean vs Slug



Right In: 1467.979+/-0.000 χ^2/NDF : 436234375.5/7
 Left Out: 1468.059+/-0.000 χ^2/NDF : 126909153750954161884650968973312.0/19
 Right Out: 1467.979+/-0.000 χ^2/NDF : 83183350.3/8
 Left In: 1467.993+/-0.000 χ^2/NDF : 135506205063144735896586158080.0/18
 + sign 1468.045+/-0.000 χ^2/NDF : 12868781814595
 All: 1468.018+/-0.000 χ^2/NDF : 13162435063
 - sign 1467.990+/-0.000 χ^2/NDF : 18283783778046

Phi_FG_mean vs Slug



Right In: 89.961 $\pm$ 0.000 χ^2 /NDF: 21528640598708602874349223936.0/7

Left Out: 88.021 $\pm$ 0.000 χ^2 /NDF: 5015994.2/19

Right Out: 89.959 $\pm$ 0.000 χ^2 /NDF: 331397.3/8

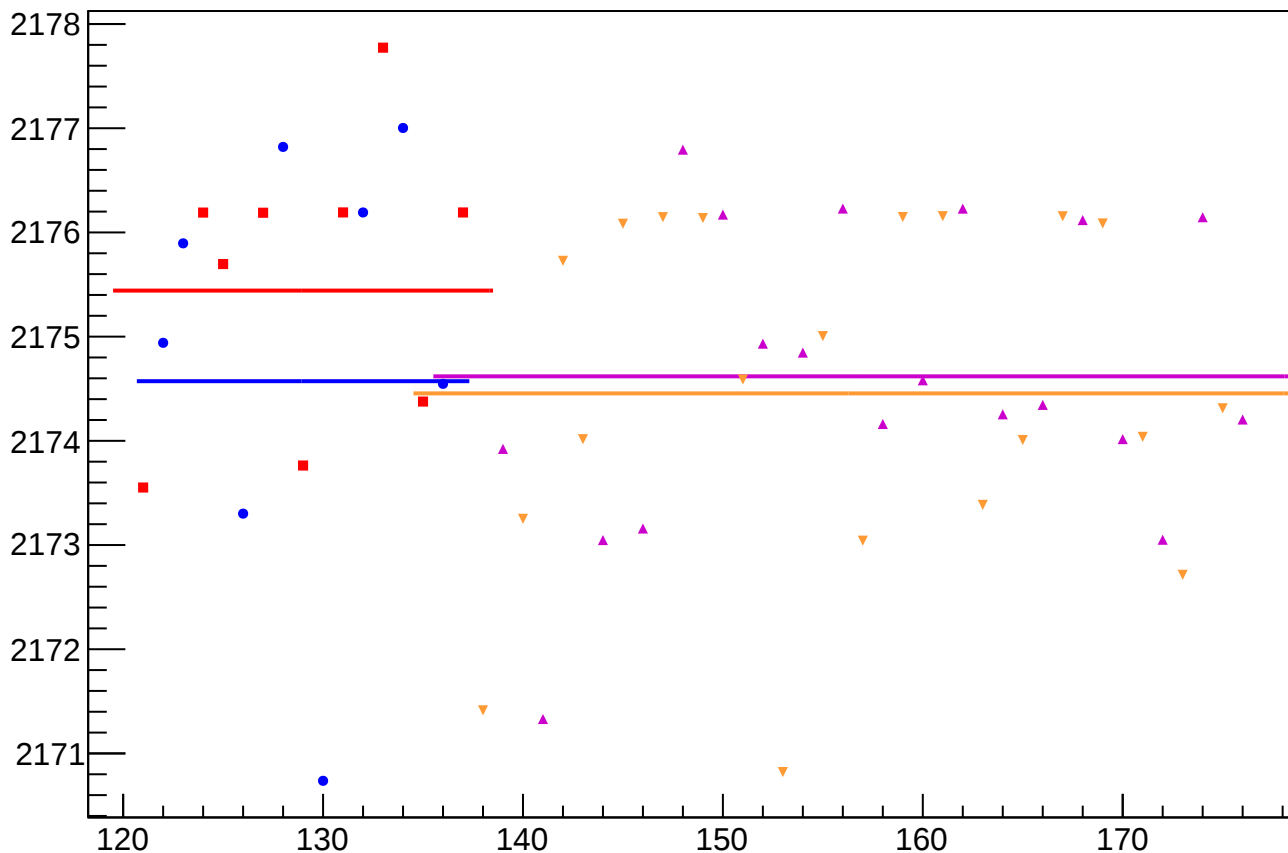
Left In: 88.021 $\pm$ 0.000 χ^2 /NDF: 4974392.8/18

+ sign 88.370 $\pm$ 0.000 χ^2 /NDF: 1055919302740987

All: 88.363 $\pm$ 0.000 χ^2 /NDF: 2048269721295

- sign 88.355 $\pm$ 0.000 χ^2 /NDF: 9921281263390577

HALLA_p_mean vs Slug



Right In: 2174.572 $\pm$ 0.000 χ^2 /NDF: 1360264074026849381407550448074752.0/7

Left Out: 2174.455 $\pm$ 0.000 χ^2 /NDF: 4205317873437321569058236640788480.0/19

Right Out: 2175.442 $\pm$ 0.000 χ^2 /NDF: 610778445075790556034346524868608.0/8

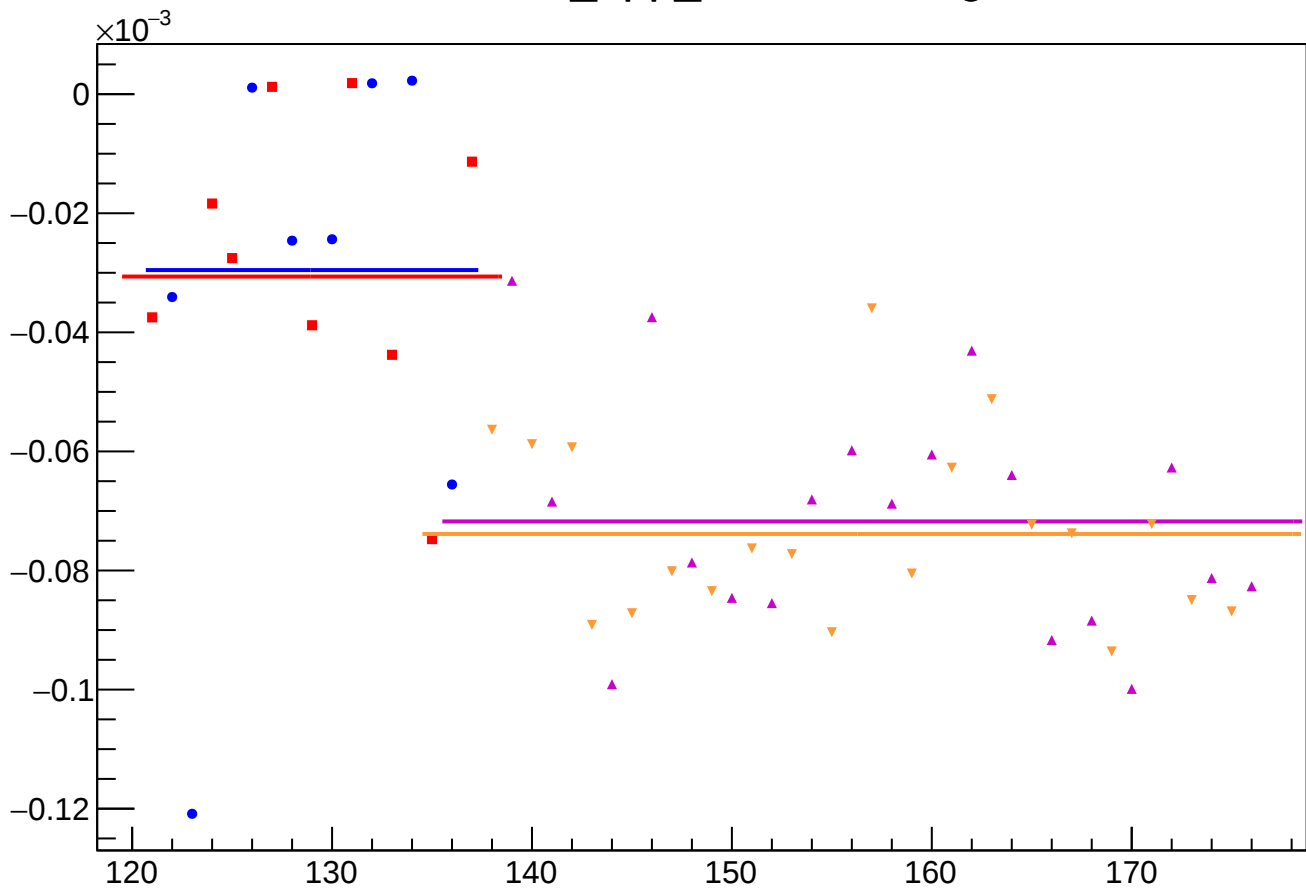
Left In: 2174.619 $\pm$ 0.000 χ^2 /NDF: 3030857860652847589763636795539456.0/18

+ sign 2174.477 $\pm$ 0.000 χ^2 /NDF: 55694205984654

All: 2174.617 $\pm$ 0.000 χ^2 /NDF: 9465593835

- sign 2174.761 $\pm$ 0.000 χ^2 /NDF: 38204275776692

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 : 342850263732356487577600.0/19

Right Out: -0.000+/-0.000 χ^2/NDF : 196732771178766734983168.0/8

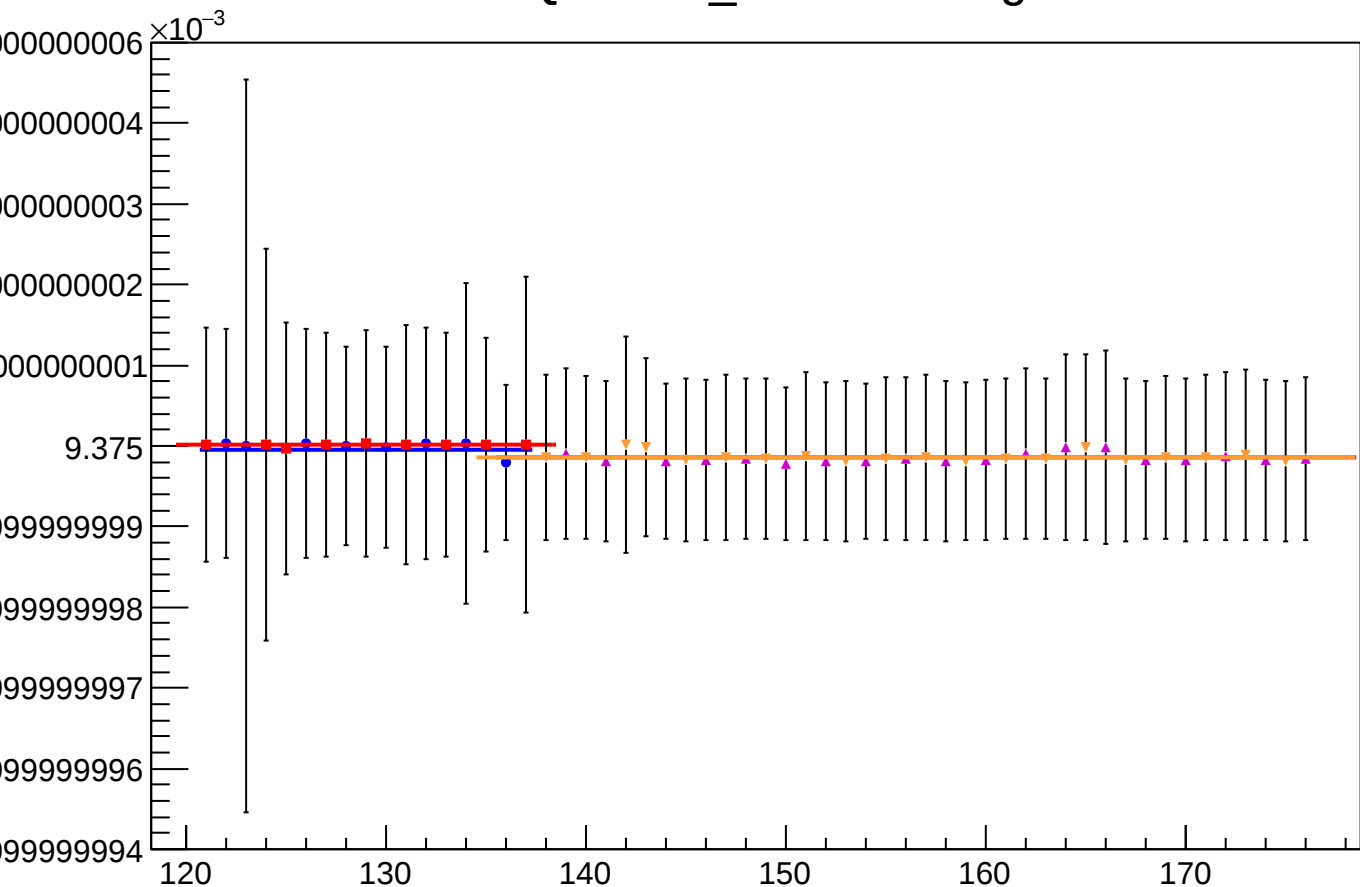
Left In: -0.000+/-0.000 χ^2/NDF : 544117765828684783026176.0/18

+ sign -0.000+/-0.000 χ^2/NDF : 1143672222001018

All: -0.000+/-0.000 χ^2/NDF : 2332335631273

- sign -0.000+/-0.000 χ^2/NDF : 11872903086383174

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:0.0/19

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

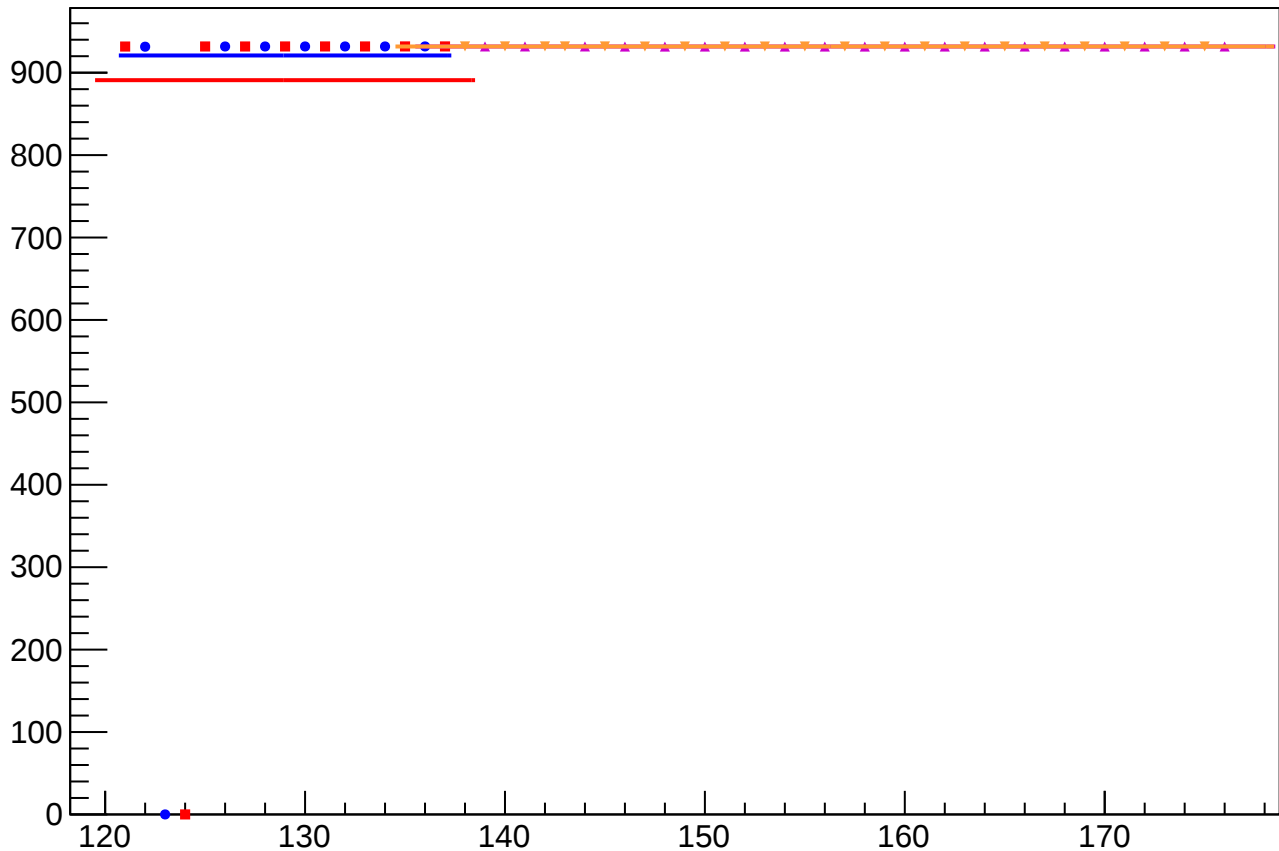
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/18

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/27

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.3/55

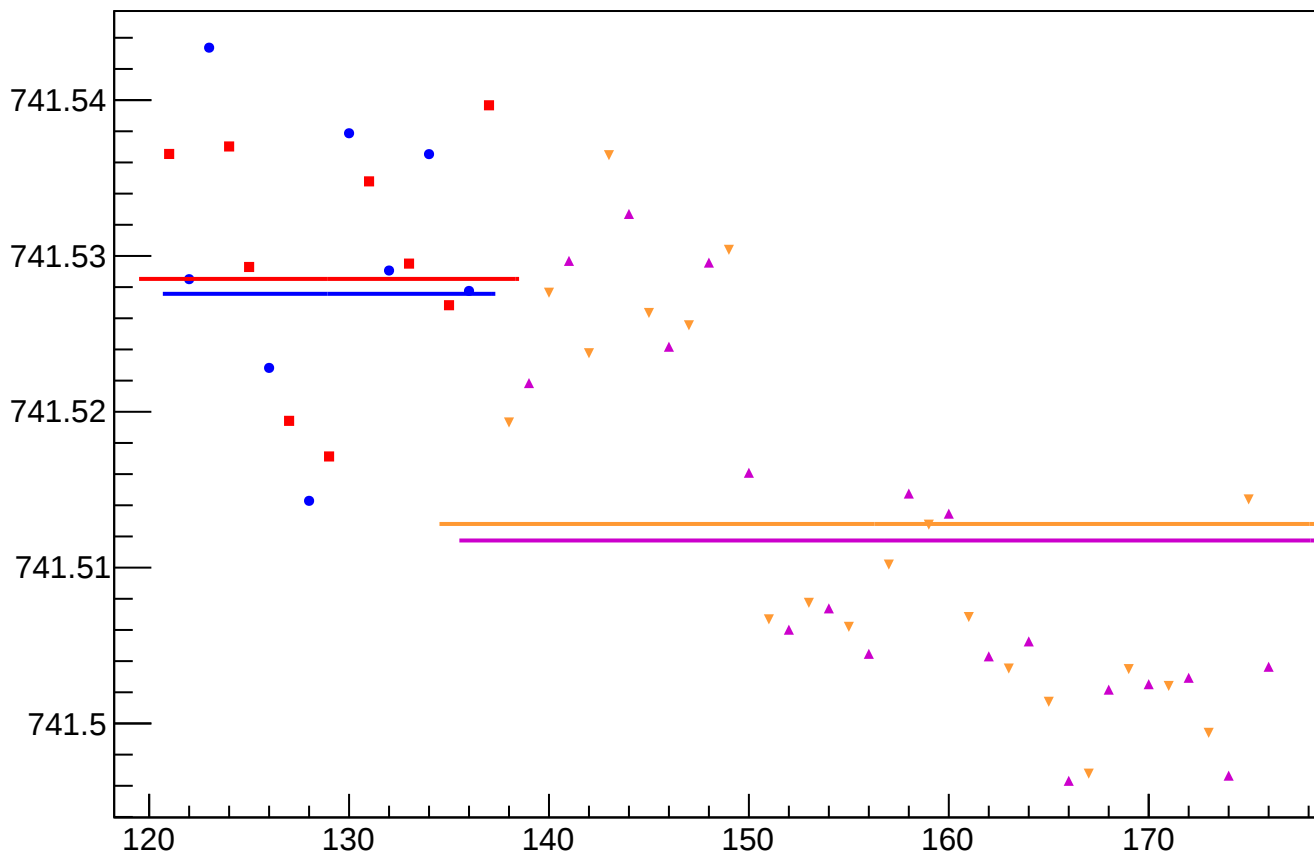
- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/27

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 920.898+/-0.000 χ^2/NDF : 3432128841951899861299566212080992256.0/7
 Left Out: 931.785+/-0.000 χ^2/NDF : 3858411934443050735664017440768.0/19
 Right Out: 890.923+/-0.000 χ^2/NDF : 11621671430114409722932854398744788992.0/8
 Left In: 931.777+/-0.000 χ^2/NDF : 3505726088331128103992591122432.0/18

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.528 $\pm$ 0.000 χ^2 /NDF: 18896144326732419810052800512.0/7

Left Out: 741.513 $\pm$ 0.000 χ^2 /NDF: 195442786739944327869030727680.0/19

Right Out: 741.529 $\pm$ 0.000 χ^2 /NDF: 16580353917842624420385914880.0/8

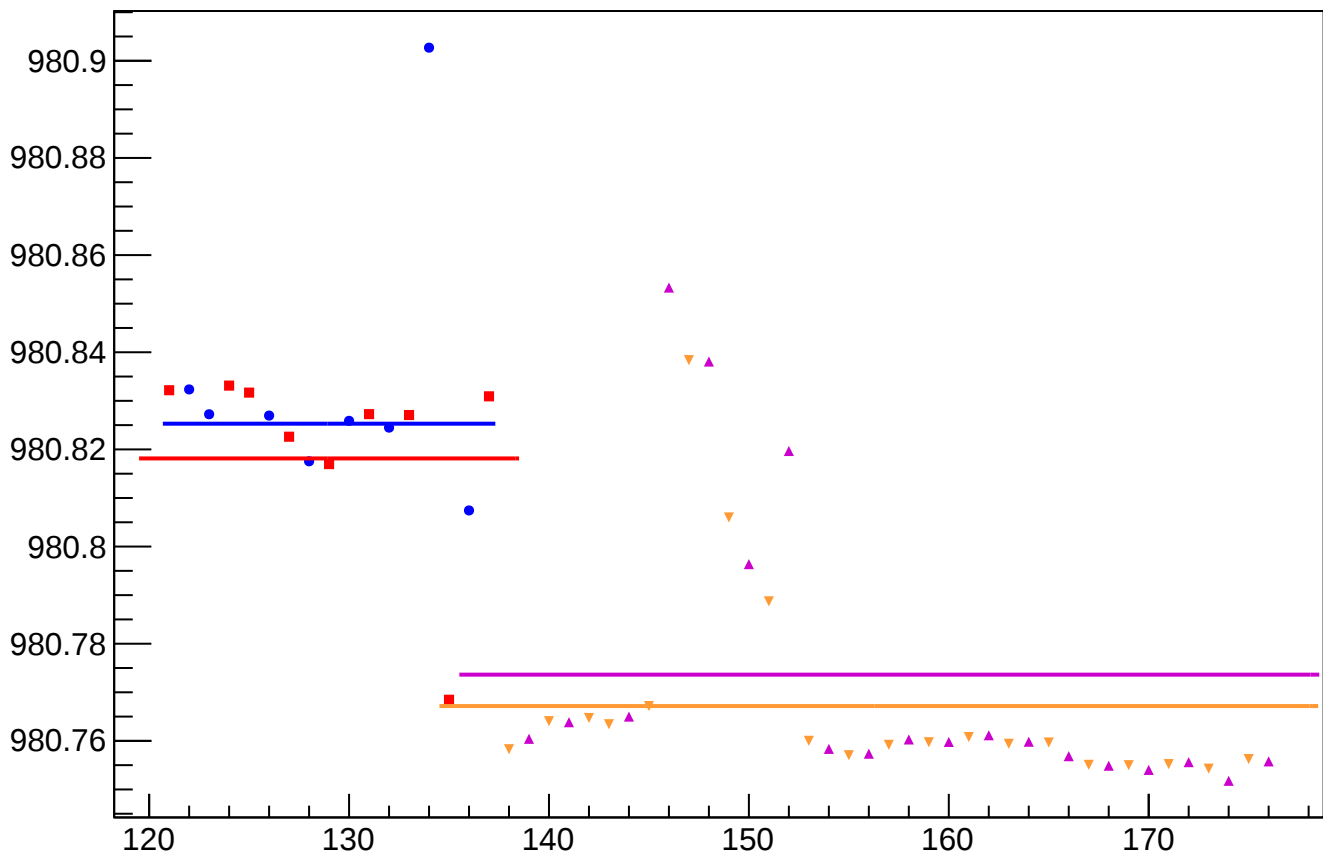
Left In: 741.512 $\pm$ 0.000 χ^2 /NDF: 190427336713581408962071232512.0/18

+ sign 741.515 $\pm$ 0.000 χ^2 /NDF: 275486166878226

All: 741.515 $\pm$ 0.000 χ^2 /NDF: 557515637934

- sign 741.515 $\pm$ 0.000 χ^2 /NDF: 281388126899254

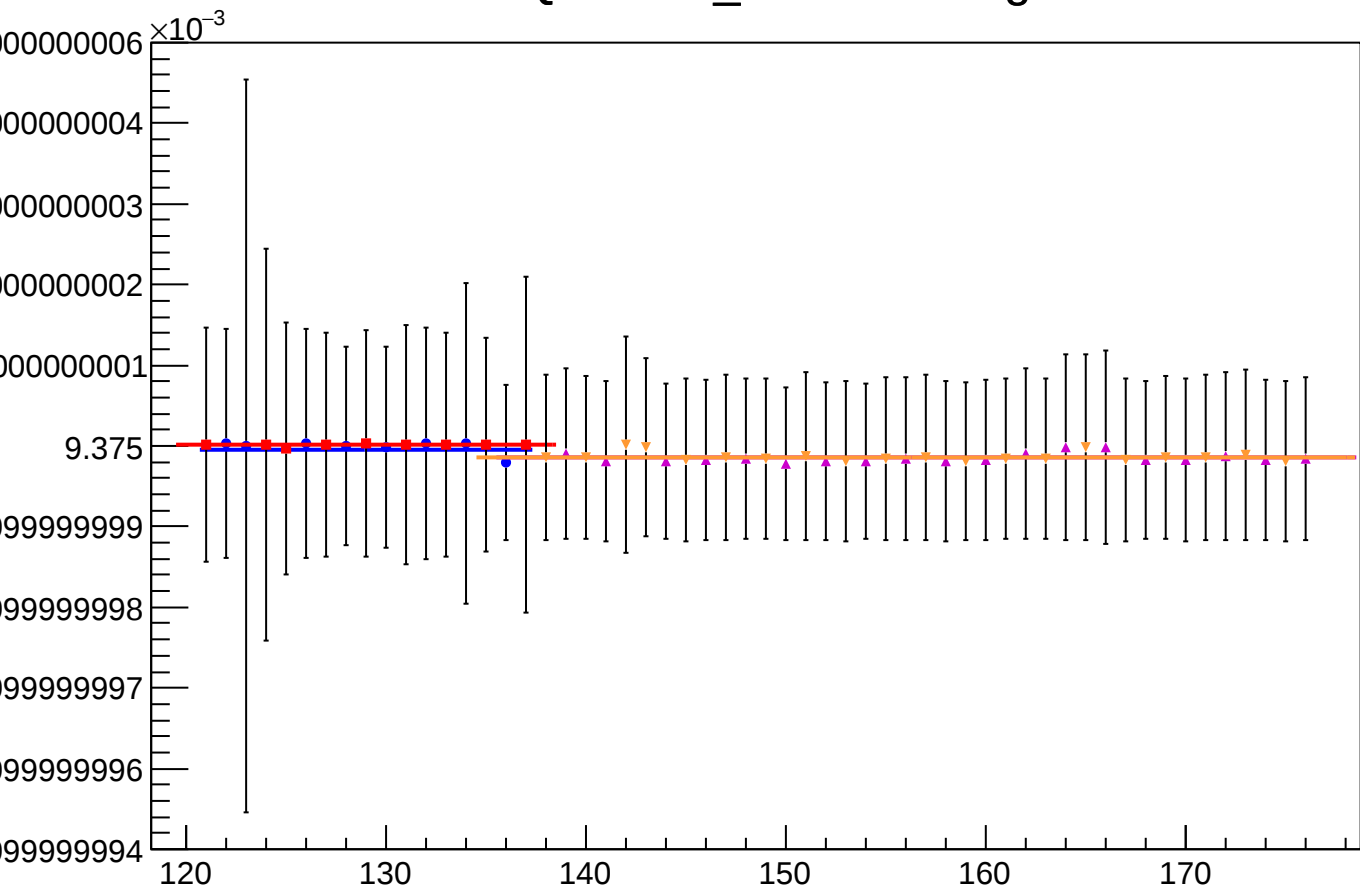
HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.825 $\pm$ 0.000 χ^2 /NDF: 159345321268745350954763681792.0/7
 Left Out: 980.767 $\pm$ 0.000 χ^2 /NDF: 658287090231265625928401682432.0/19
 Right Out: 980.818 $\pm$ 0.000 χ^2 /NDF: 143689912167528137563261894656.0/8
 Left In: 980.774 $\pm$ 0.000 χ^2 /NDF: 1399344609880309172300834406400.0/18

+ sign 980.778 $\pm$ 0.000 χ^2 /NDF: 176502306130850
 All: 980.779 $\pm$ 0.000 χ^2 /NDF: 384367054009
 - sign 980.781 $\pm$ 0.000 χ^2 /NDF: 206604088032396

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:0.0/19

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

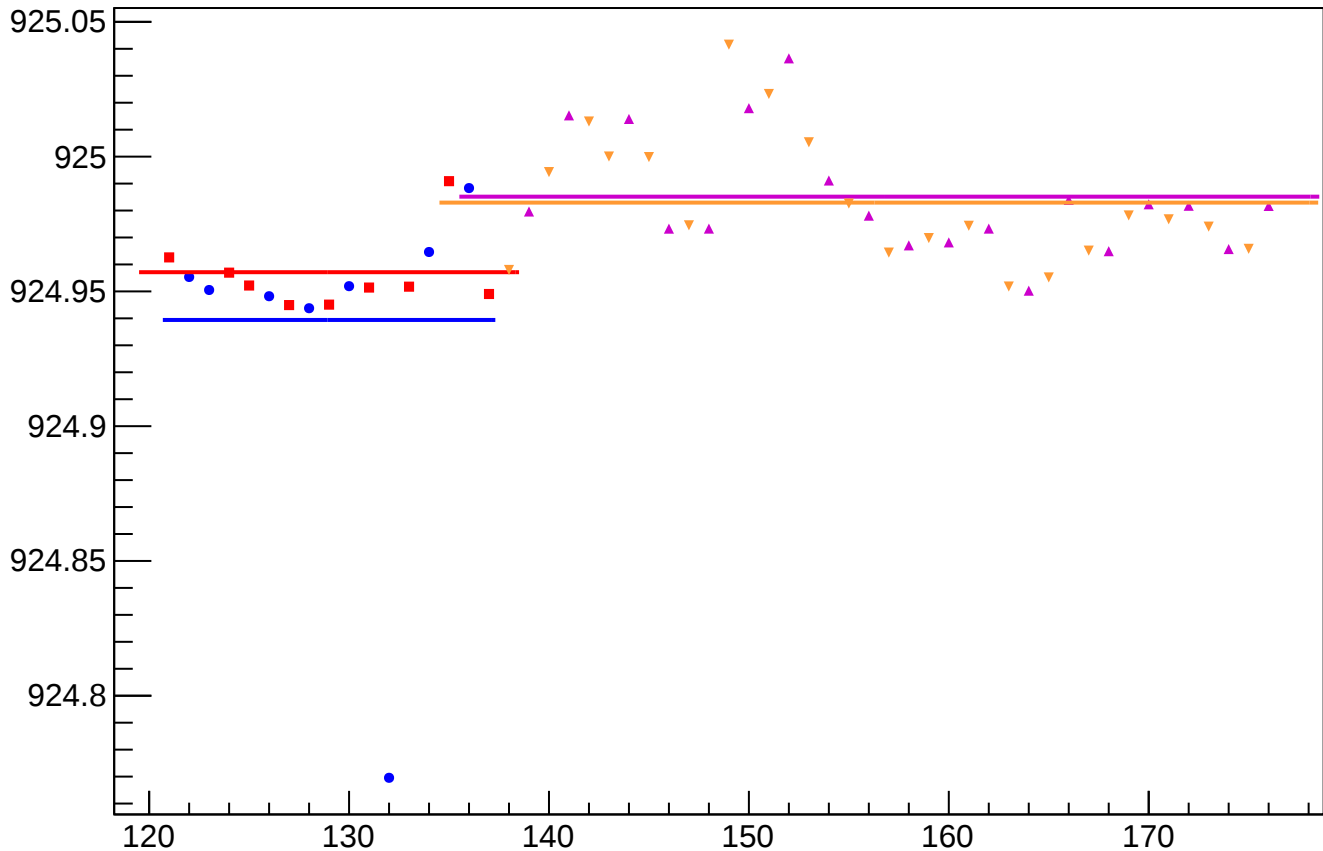
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/18

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/27

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.3/55

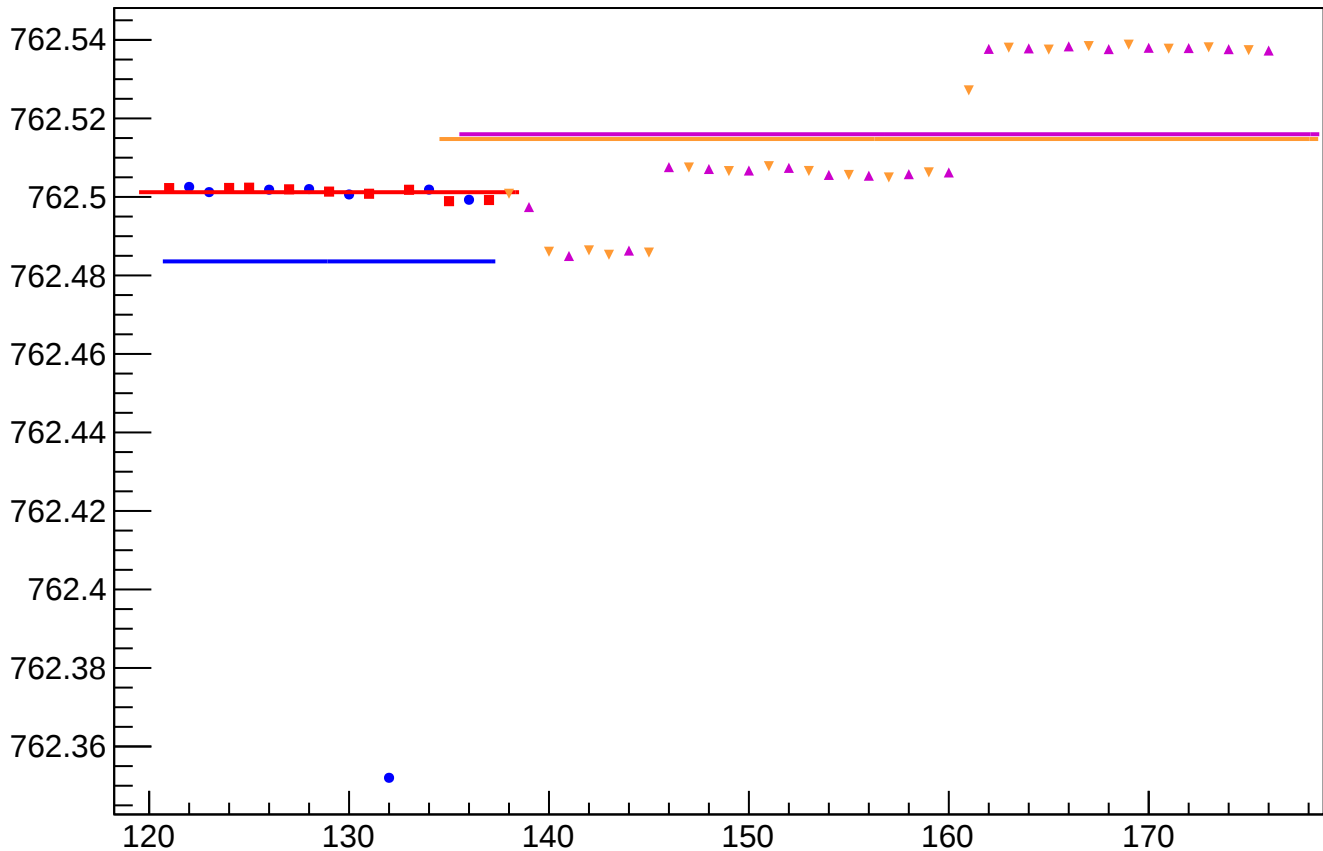
- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/27

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.939 $\pm$ 0.000 χ^2 /NDF: 1401458495809517406218388242432.0/7
 Left Out: 924.983 $\pm$ 0.000 χ^2 /NDF: 844259595256691386369475346432.0/19
 Right Out: 924.957 $\pm$ 0.000 χ^2 /NDF: 71808709366506786060310151168.0/8
 Left In: 924.985 $\pm$ 0.000 χ^2 /NDF: 717893350242083371727596814336.0/18

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 762.484+/-0.000

χ^2/NDF : 784430761251084401798891438080.0/7

Left Out: 762.515+/-0.000

χ^2/NDF : 594978733737028996429212811264.0/19

Right Out: 762.501+/-0.000

χ^2/NDF : 469794702848036819563446272.0/8

Left In: 762.516+/-0.000

χ^2/NDF : 533087680247739152745101262848.0/18

+ sign 762.509+/-0.000

χ^2/NDF : 165191139130062

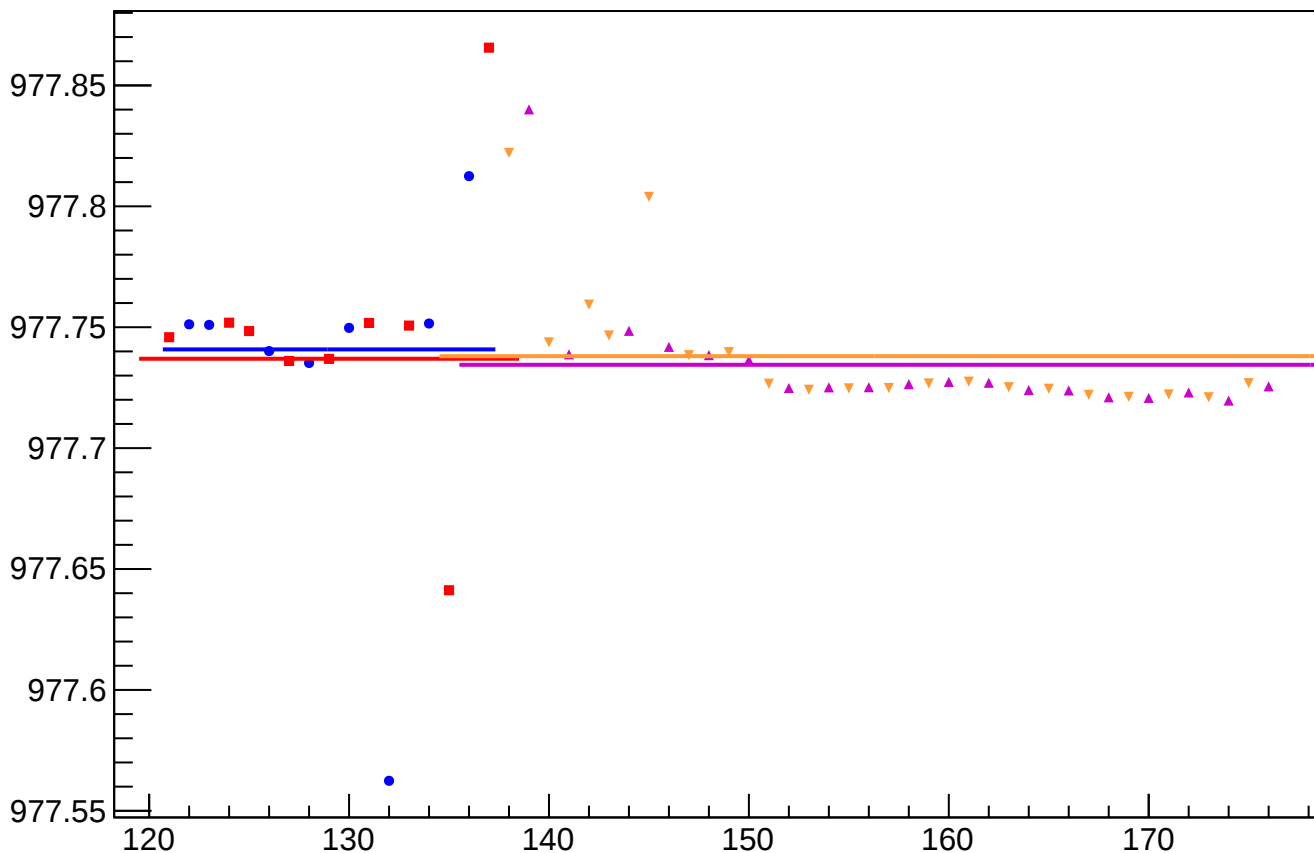
All: 762.511+/-0.000

χ^2/NDF : 226028541614

- sign 762.513+/-0.000

χ^2/NDF : 591127652724101

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.741 $\pm$ 0.000 χ^2 /NDF: 1738104571804792841781326643200.0/7

Left Out: 977.738 $\pm$ 0.000 χ^2 /NDF: 1127215311523322847280037363712.0/19

Right Out: 977.737 $\pm$ 0.000 χ^2 /NDF: 772313054358211830610902646784.0/8

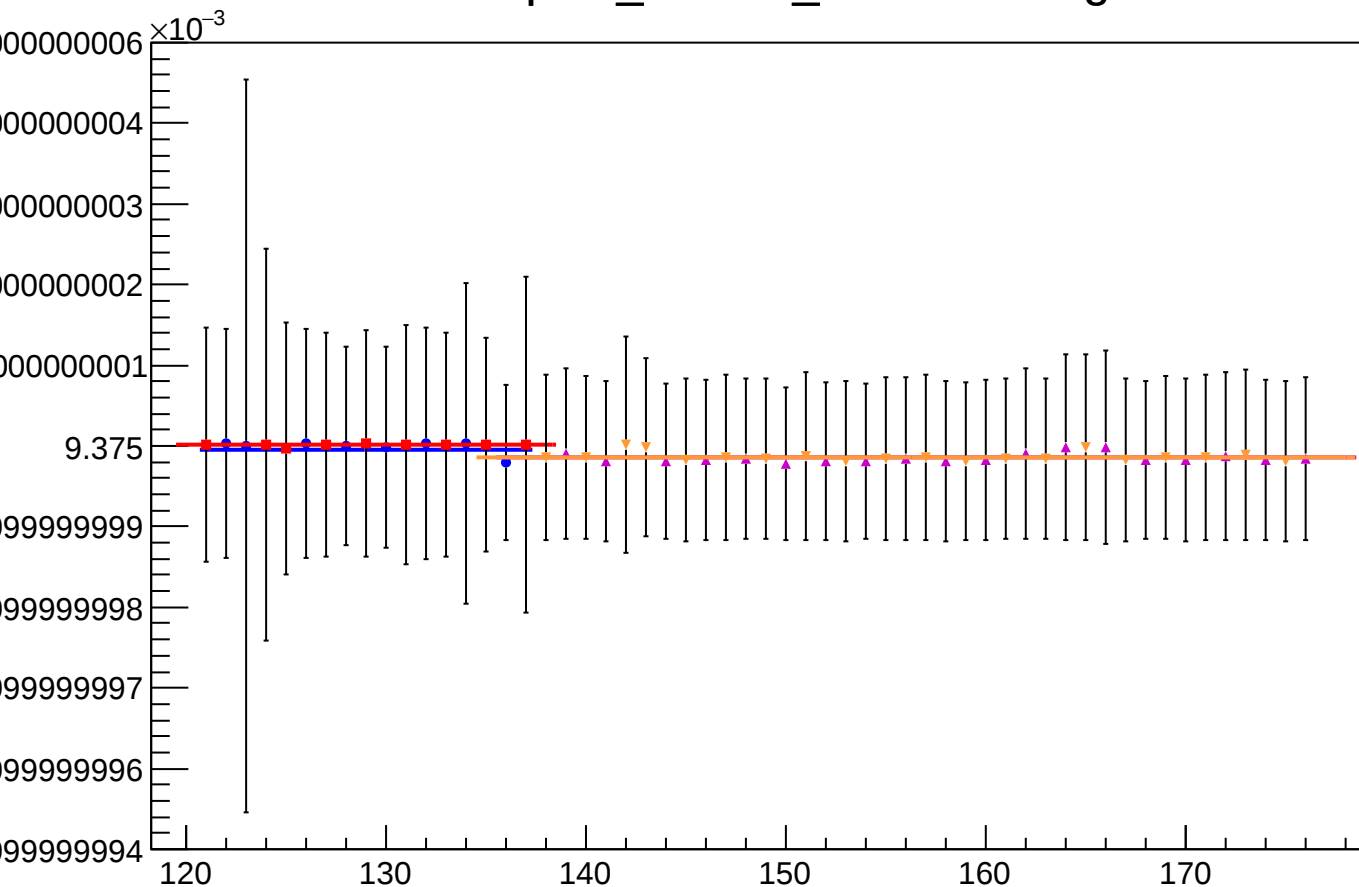
Left In: 977.734 $\pm$ 0.000 χ^2 /NDF: 966044992319771901936162308096.0/18

+ sign 977.739 $\pm$ 0.000 χ^2 /NDF: 286751644516057

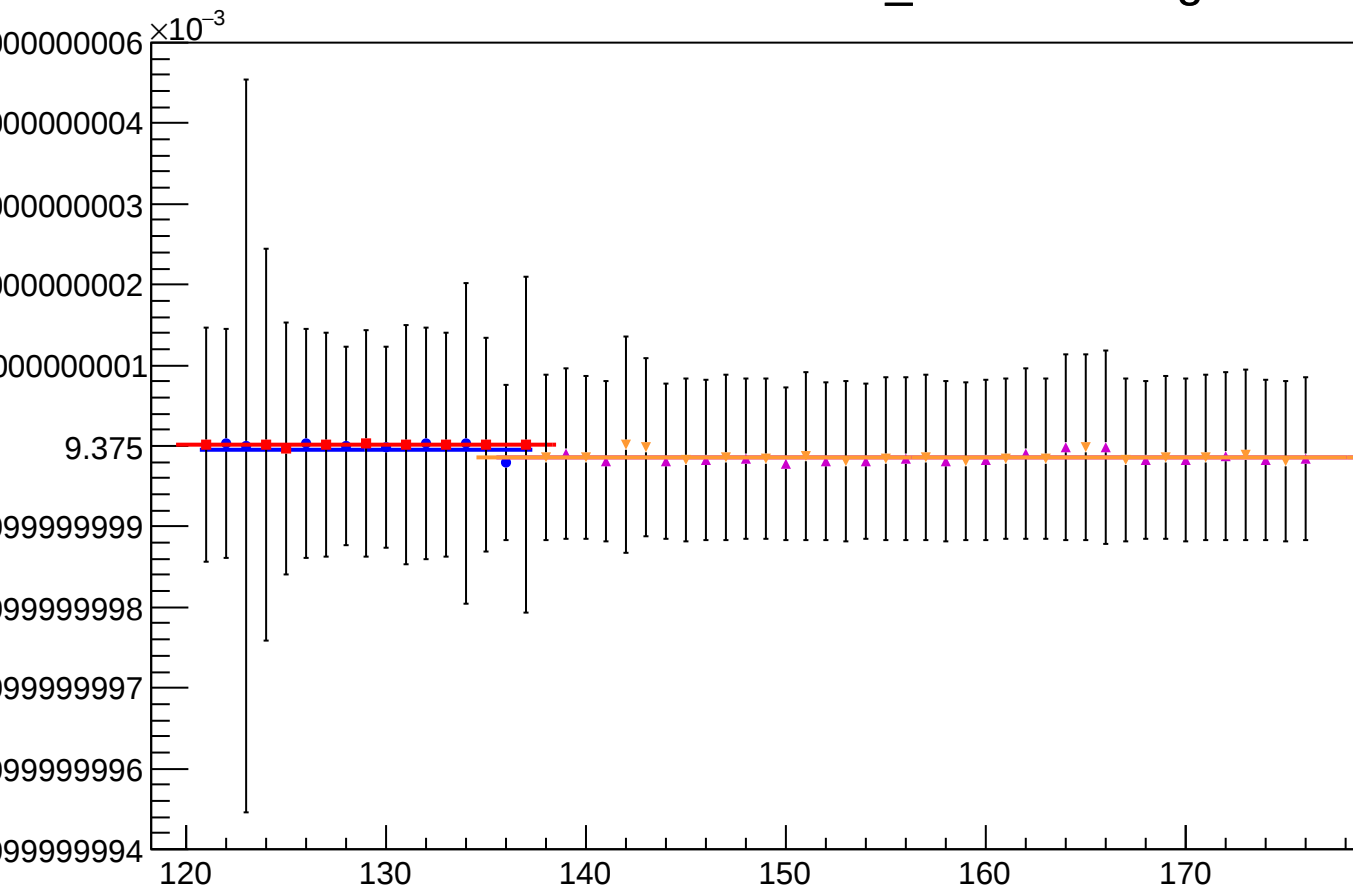
All: 977.737 $\pm$ 0.000 χ^2 /NDF: 461997124450

- sign 977.735 $\pm$ 0.000 χ^2 /NDF: 174001610051274

hesDipole_current_mean vs Slug



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:0.0/19

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

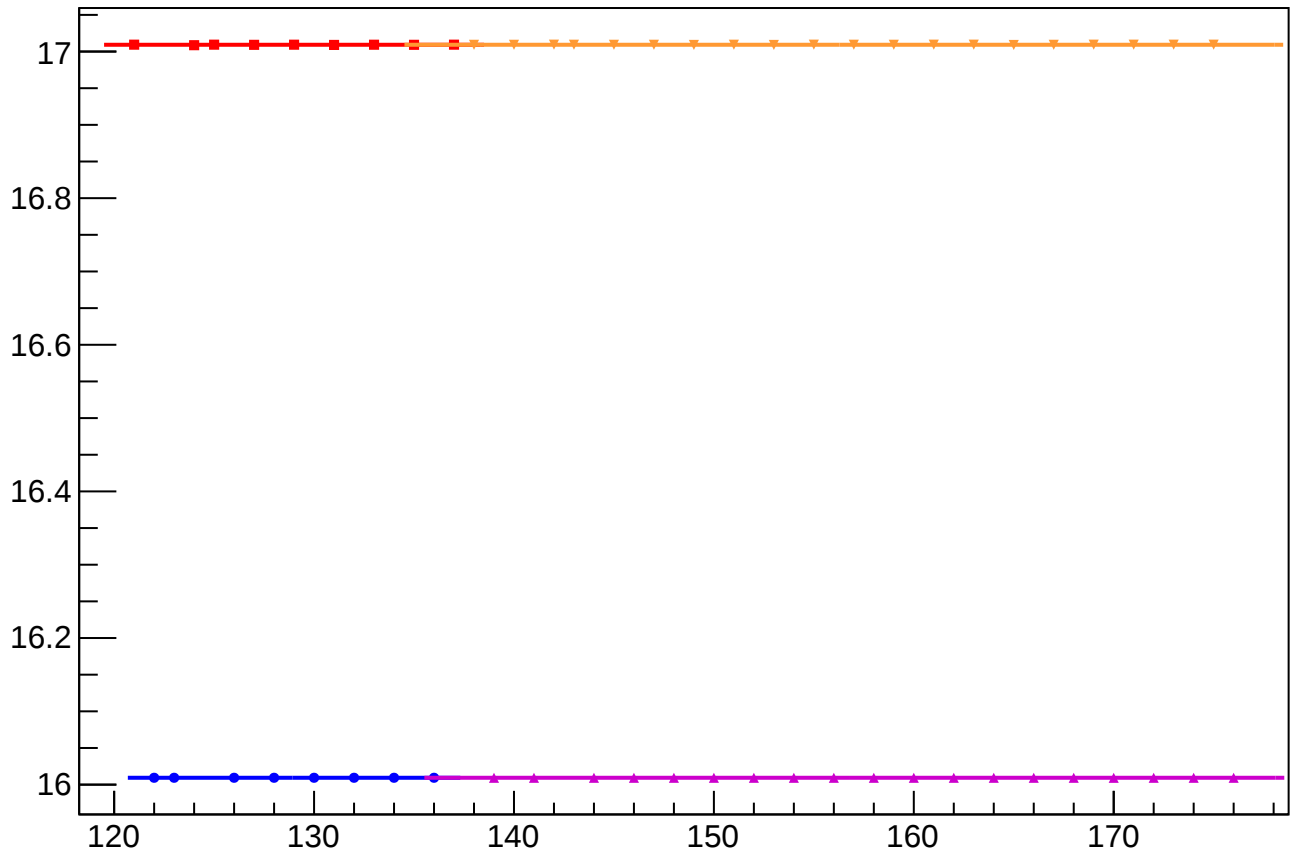
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/18

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/27

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.3/55

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/27

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 : 23166597556081921970143232.0/19

Right Out: 17.009 $\pm$ 0.000 χ^2/NDF : 8333578329558812540796928.0/8

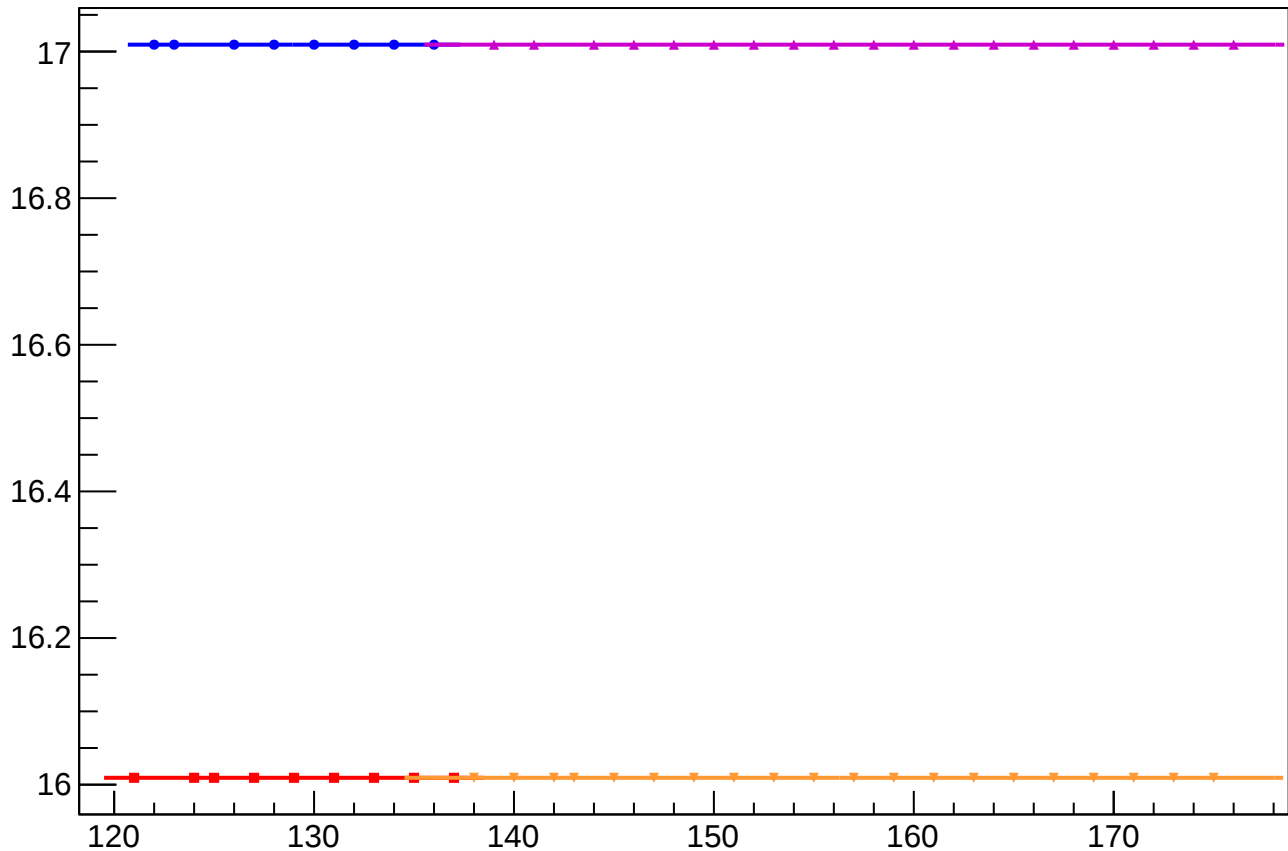
Left In: 16.009 $\pm$ 0.000 χ^2/NDF : 126941797574154410524672.0/18

+ sign 16.829 $\pm$ 0.000 χ^2/NDF : 2590093410926707

All: 16.509 $\pm$ 0.000 χ^2/NDF : 8710432602326

- sign 16.184 $\pm$ 0.000 χ^2/NDF : 2492454092736105

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 : 55371.7/19

Right Out: 16.009+/-0.000 χ^2/NDF : 17859.8/8

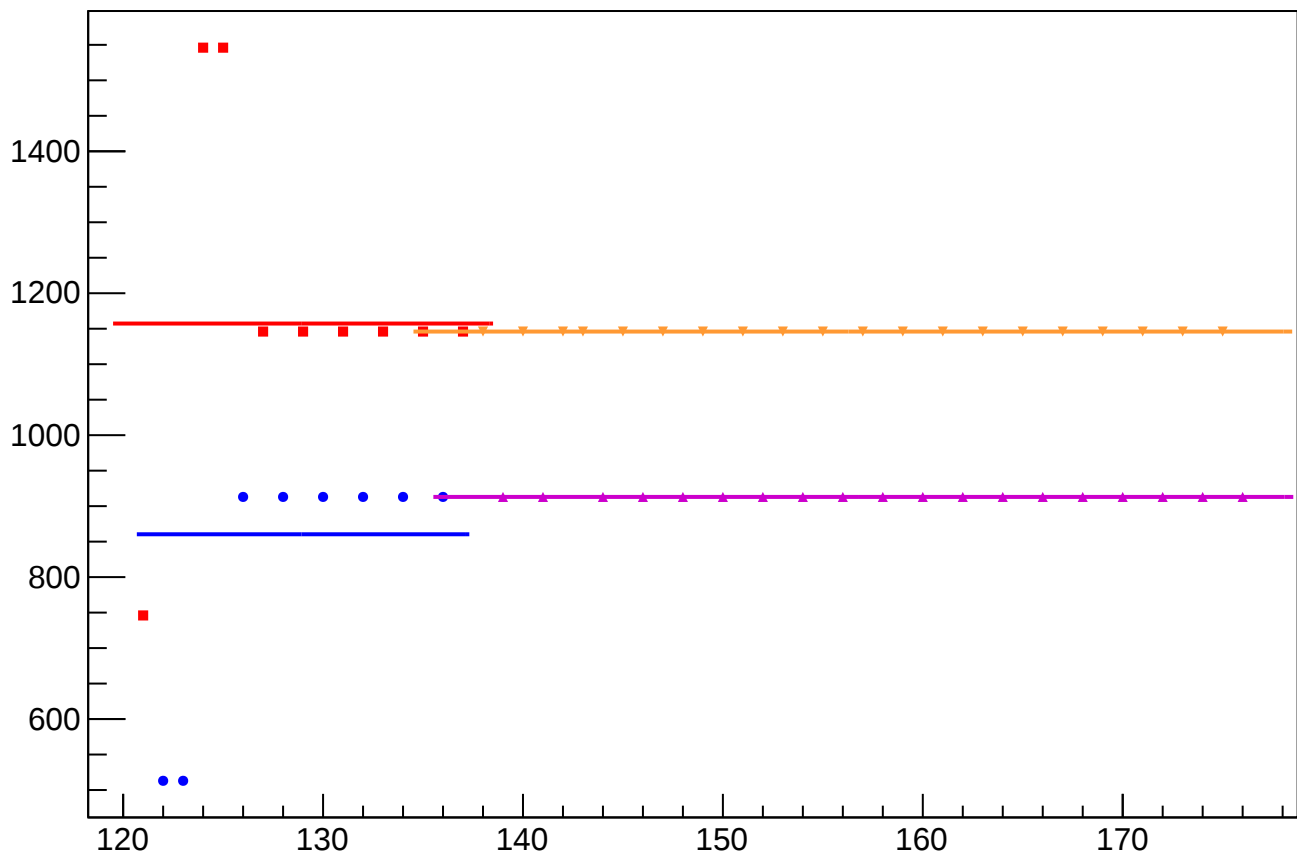
Left In: 17.009+/-0.000 χ^2/NDF : 114031080976129223294976.0/18

+ sign 16.192+/-0.000 χ^2/NDF : 2795859124866546

All: 16.507+/-0.000 χ^2/NDF : 9219835769210

- sign 16.834+/-0.000 χ^2/NDF : 2629013266035797

RTPAPOSUCNT_mean vs Slug



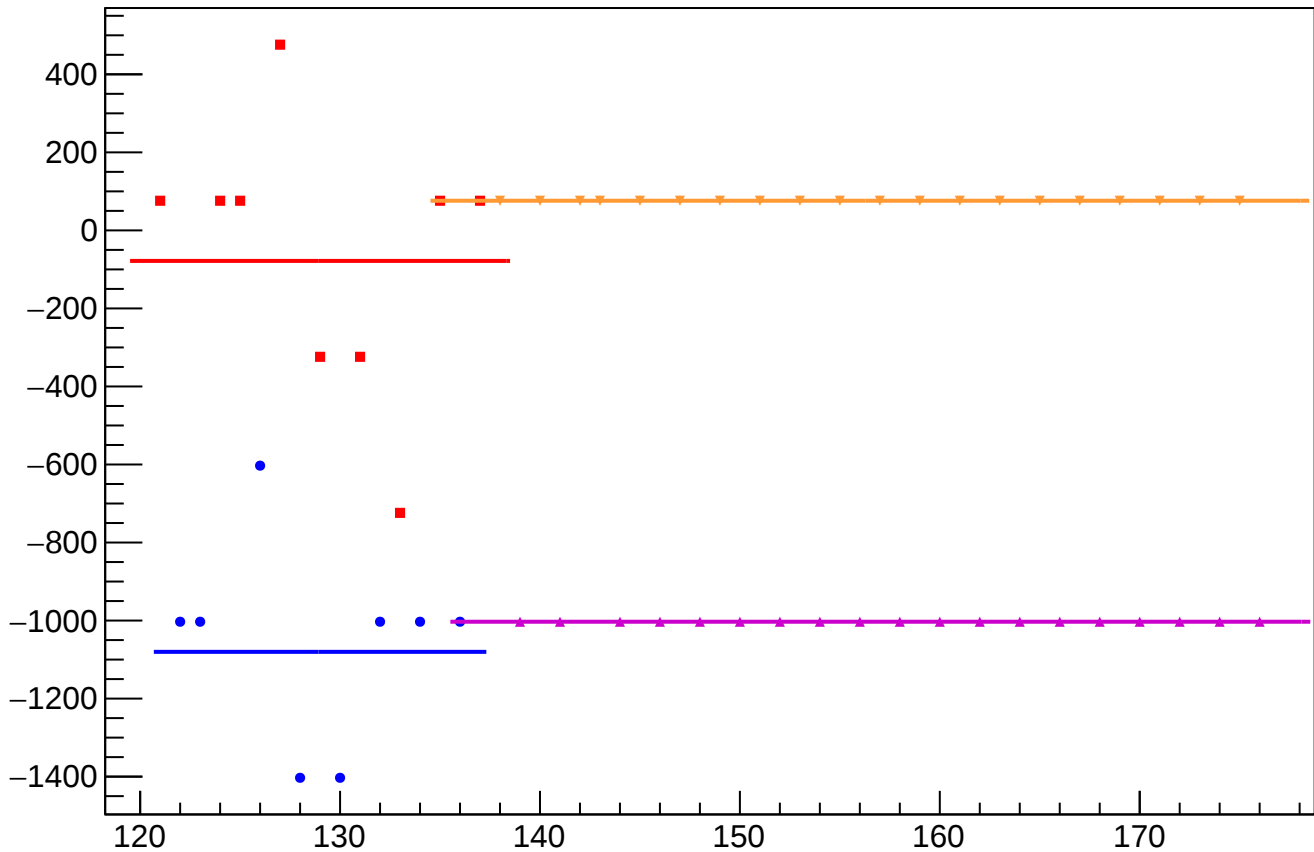
Right In: 860.361+/-0.000 χ^2/NDF : 6252693455178703850651720460594577408.0/7

Left Out: 1146.011+/-0.000 χ^2/NDF : 4709544628538996258408235008.0/19

Right Out: 1157.295+/-0.000 χ^2/NDF : 13880040120623316310083946144856014848.0/8

Left In: 912.995+/-0.000 χ^2/NDF : 23623560782816847649625341952.0/18

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 : 10067013089678785617825103872.0/19
 Right Out: -78.224 ± 0.000 χ^2/NDF : 39611265375063350144036471826150326272.0/8
 Left In: -1002.990 ± 0.000 χ^2/NDF : 2261962446389482979606921216.0/18
 All: -483.372 ± 0.000 χ^2/NDF : 11356906417
 + sign -132.323 ± 0.000 χ^2/NDF : 39644234040762
 - sign -843.530 ± 0.000 χ^2/NDF : 26537664531456