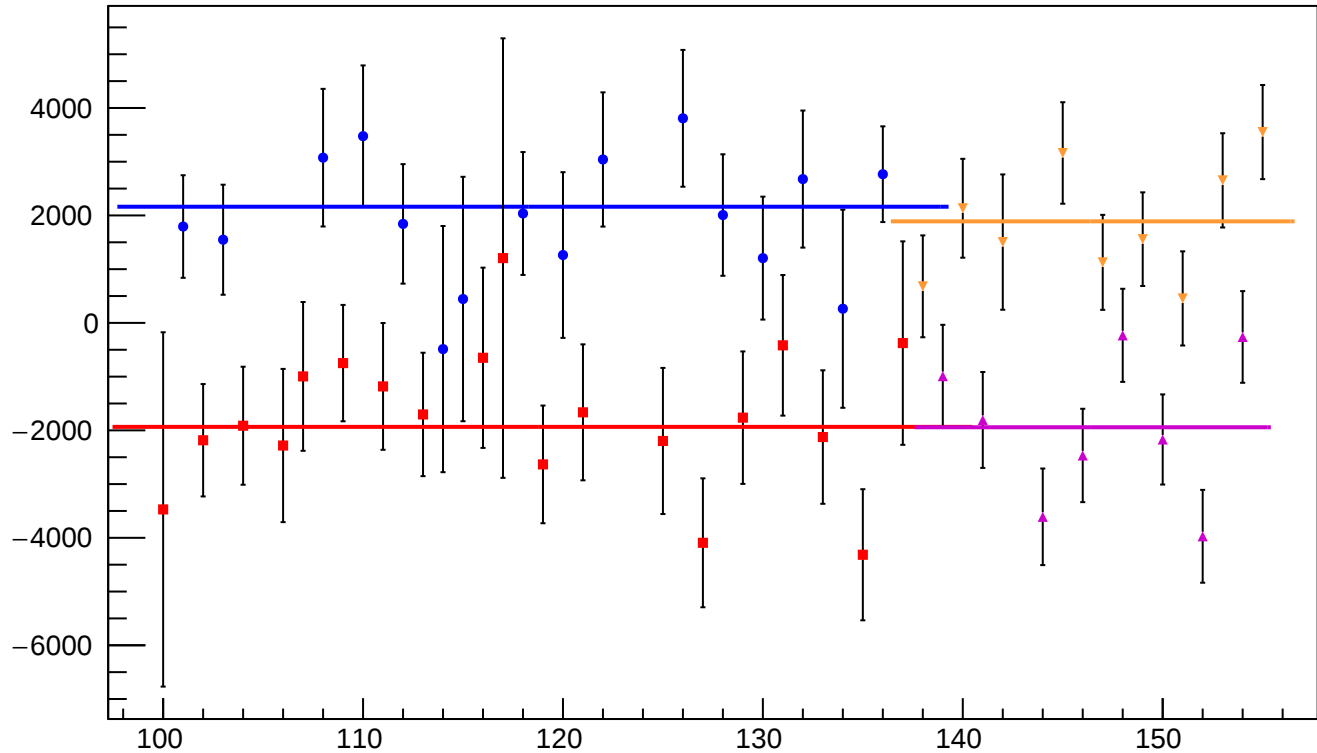


reg_asym_us_avg_mean vs Slug



Right In: 2162.311+/-307.312

χ^2/NDF : 8.9/15

2026.417+/-217.509

χ^2/NDF : 20.8/24

Left Out: 1890.006+/-307.897

χ^2/NDF : 11.5/8

Right Out: -1935.183+/-299.773

χ^2/NDF : 13.2/18

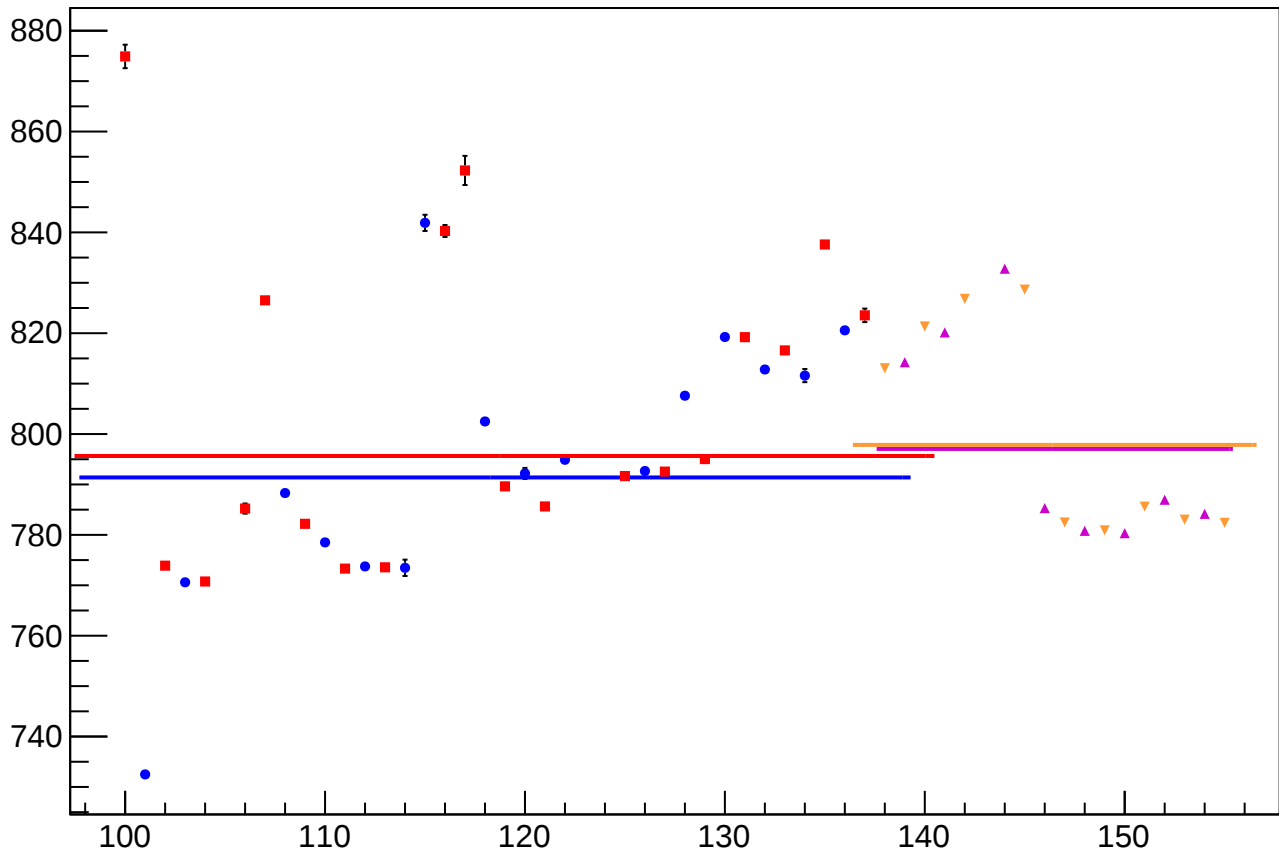
-1938.595+/-215.637

χ^2/NDF : 31.4/26

Left In: -1942.253+/-310.418

χ^2/NDF : 18.2/7

reg_asym_us_avg_rms vs Slug



Right In: 791.390+/-0.217 χ^2/NDF : 15008.3/15

Left Out: 797.850+/-0.218 χ^2/NDF : 7951.9/8

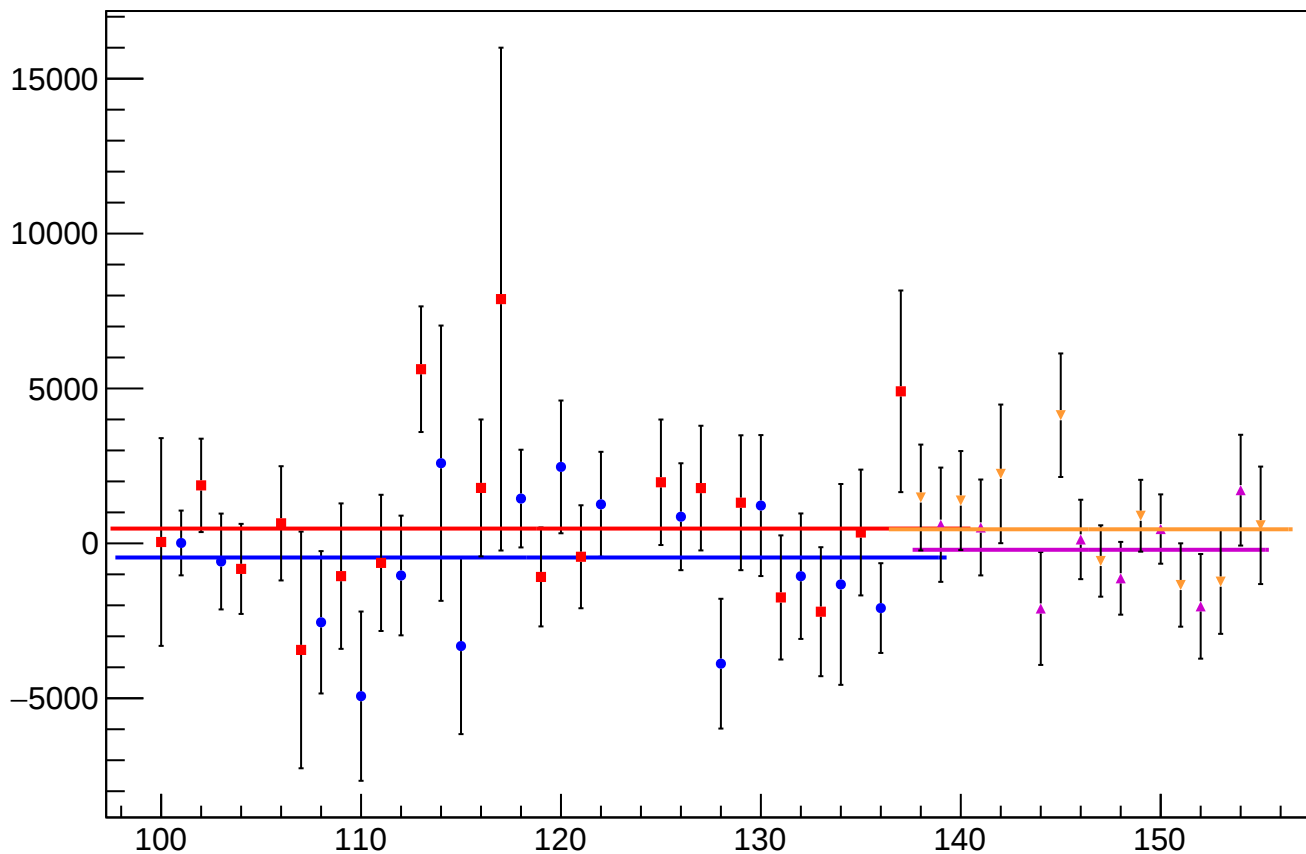
Right Out: 795.650+/-0.212 χ^2/NDF : 11945.4/18

Left In: 797.048+/-0.219 χ^2/NDF : 7741.2/7

794.614+/-0.154 χ^2/NDF : 23401.2/24

796.325+/-0.152 χ^2/NDF : 19707.5/26

asym_us_avg_correction_mean vs Slug



Right In: -455.675+/-464.232 $\chi^2/\text{NDF}: 14.9/15$

Left Out: 454.569+/-508.584 $\chi^2/\text{NDF}: 8.5/8$

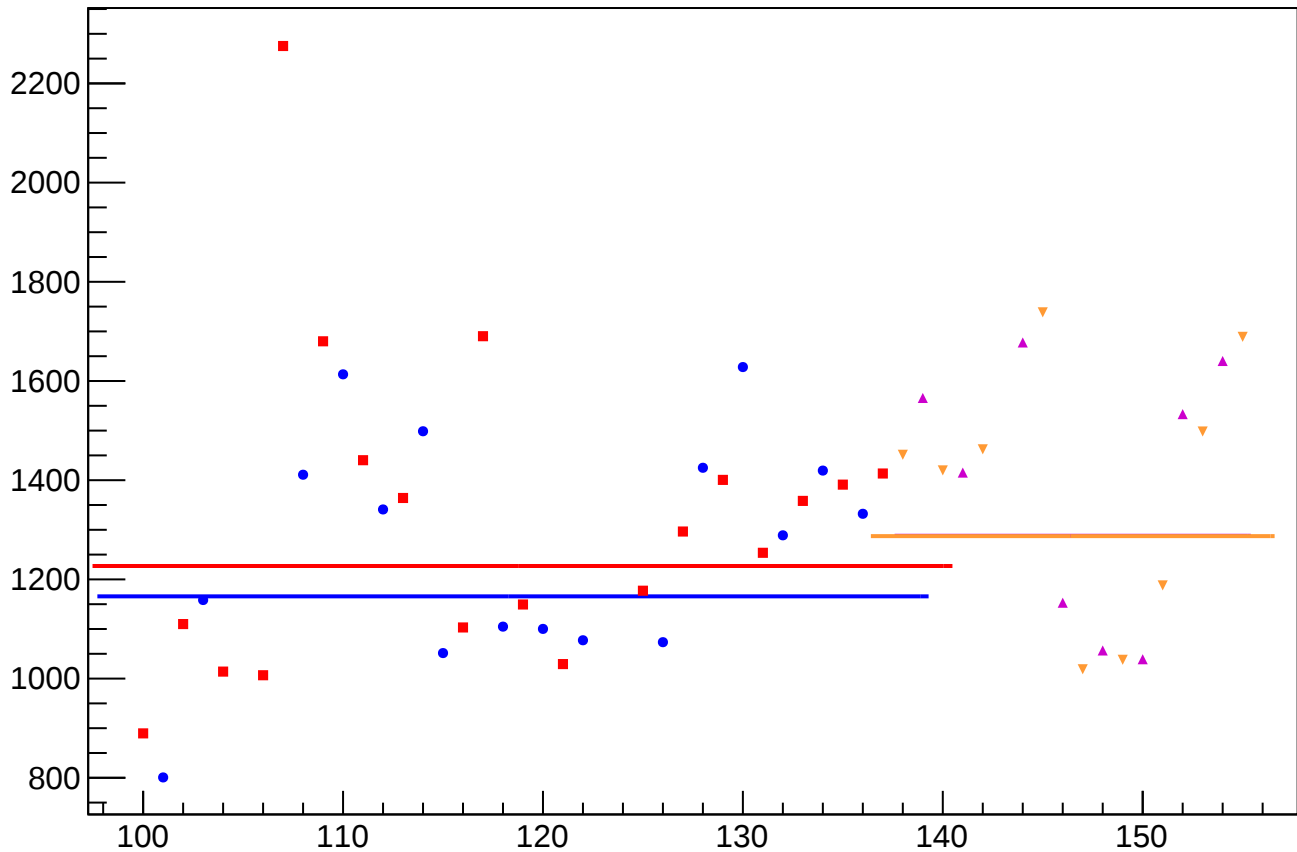
Right Out: 477.782+/-471.960 $\chi^2/\text{NDF}: 18.2/18$

Left In: -206.868+/-512.415 $\chi^2/\text{NDF}: 4.9/7$

-41.966+/-342.871 $\chi^2/\text{NDF}: 25.1/24$

163.547+/-347.148 $\chi^2/\text{NDF}: 24.0/26$

asym_us_avg_correction_rms vs Slug



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

Left Out: 1287.236 $\pm$ 0.360 χ^2 /NDF: 480006.3/8

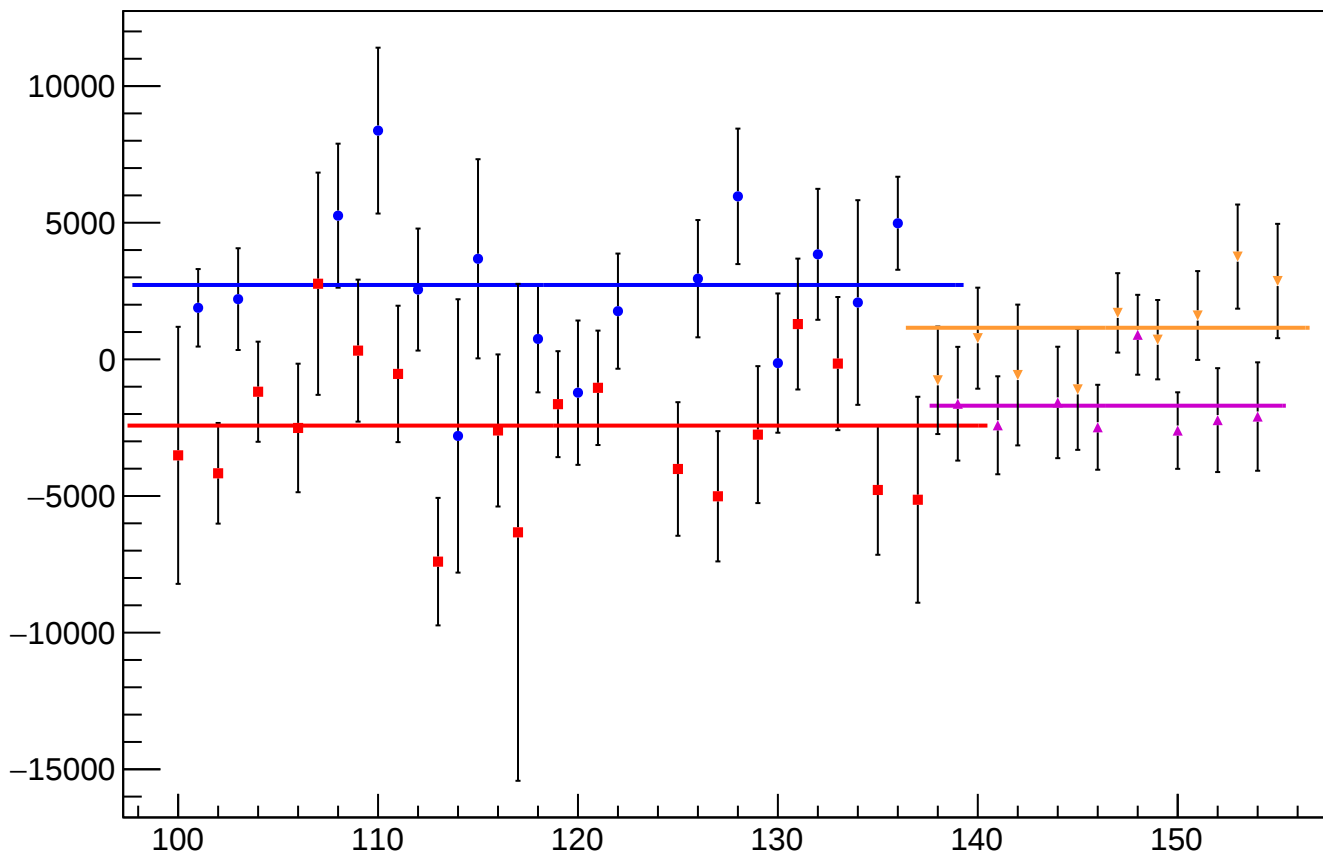
Right Out: 1227.021 $\pm$ 0.334 χ^2 /NDF: 446961.2/18

Left In: 1287.950 $\pm$ 0.362 χ^2 /NDF: 469053.2/7

1221.000 $\pm$ 0.242 χ^2 /NDF: 1068996.1/24

1254.986 $\pm$ 0.245 χ^2 /NDF: 931313.4/26

asym_us_avg_mean vs Slug



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

Left Out: 1156.269 $\pm$ 604.514 χ^2 /NDF: 5.3/8

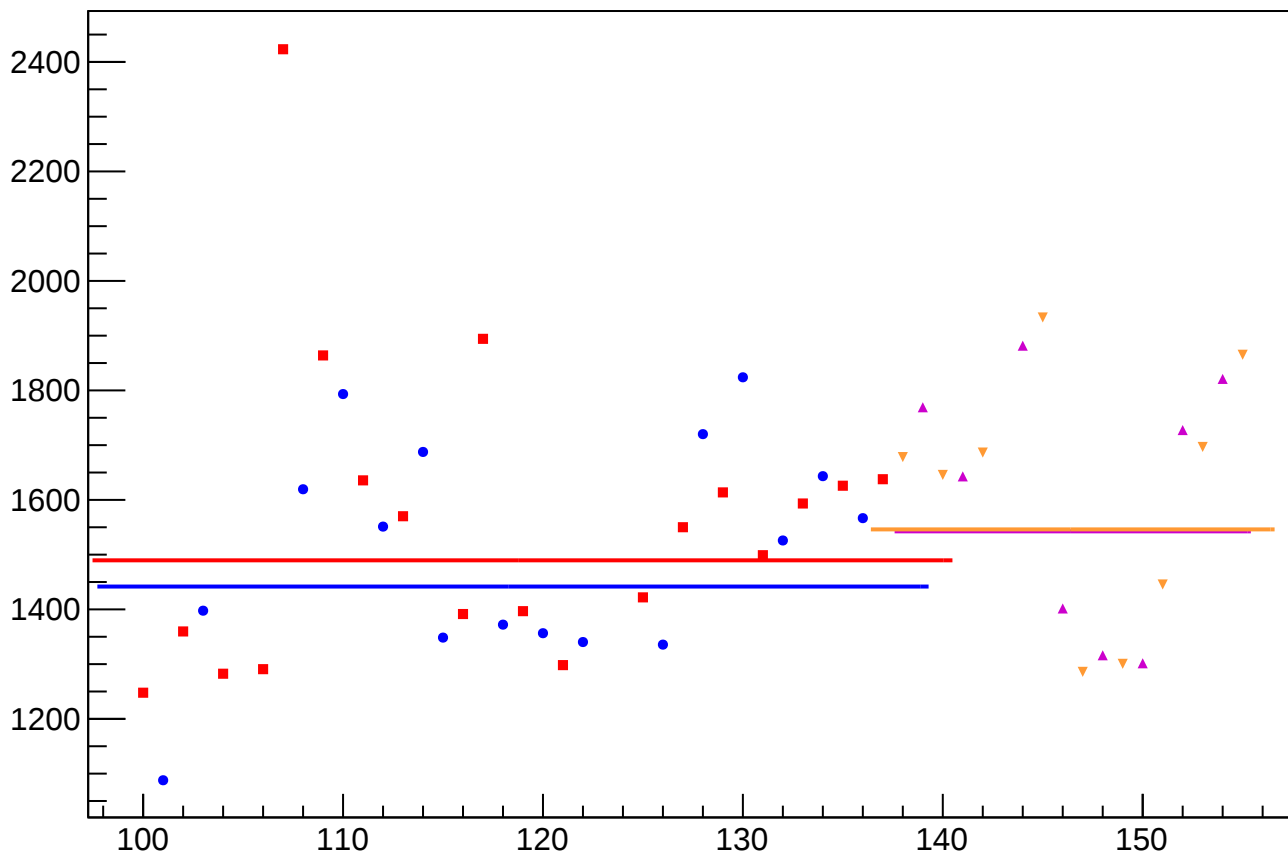
Right Out: -2423.739 $\pm$ 567.866 χ^2 /NDF: 16.5/18

Left In: -1695.706 $\pm$ 607.991 χ^2 /NDF: 4.1/7

1989.174 $\pm$ 413.616 χ^2 /NDF: 23.5/24

-2084.537 $\pm$ 415.002 χ^2 /NDF: 21.4/26

asym_us_avg_rms vs Slug



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

Left Out: 1546.116+/-0.427 χ^2/NDF : 269957.6/8

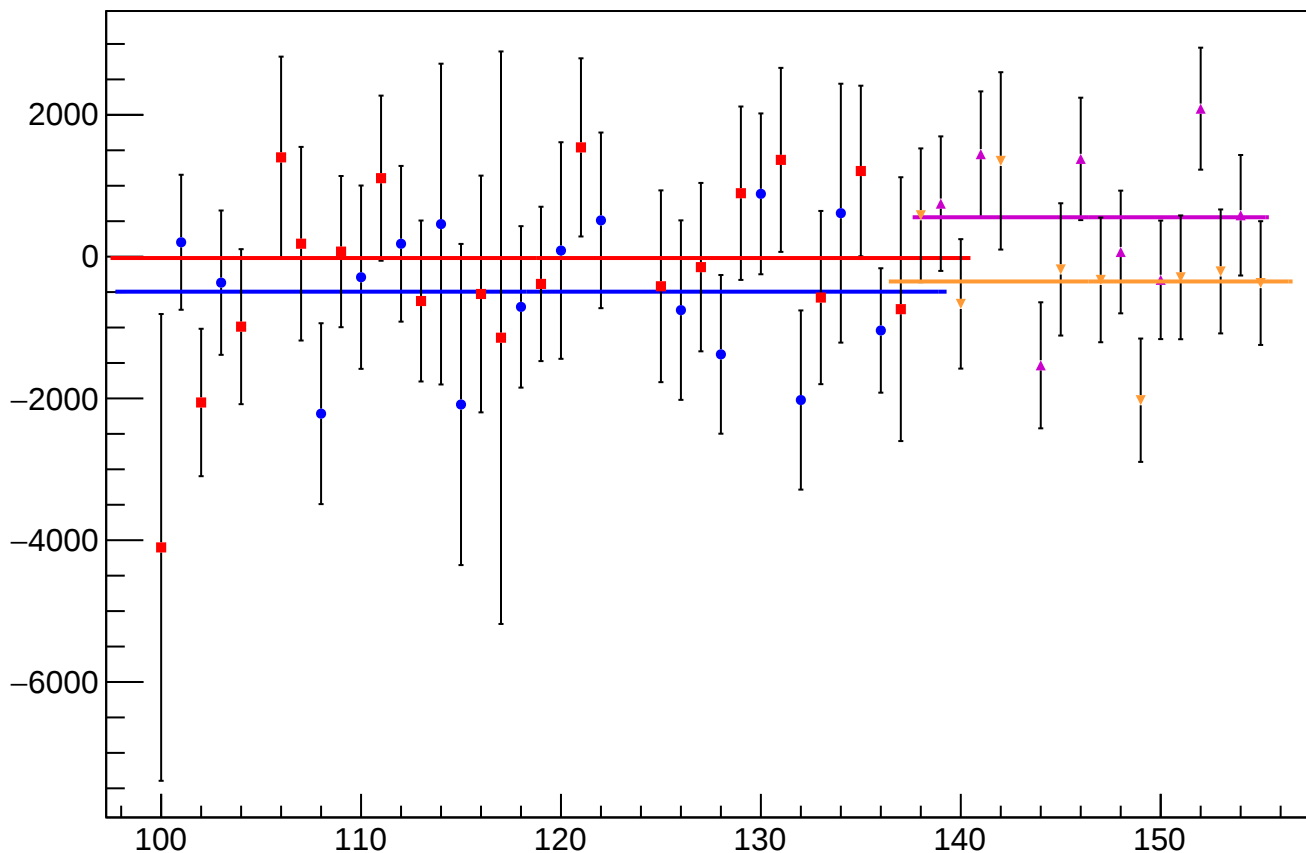
Right Out: 1489.610+/-0.402 χ^2/NDF : 260116.0/18

Left In: 1542.547+/-0.430 χ^2/NDF : 267307.3/7

1490.593+/-0.292 χ^2/NDF : 577583.7/24

1514.274+/-0.293 χ^2/NDF : 535521.2/26

reg_asym_us_dd_mean vs Slug



Right In: -494.223 ± 304.644 $\chi^2/\text{NDF}: 8.7/15$

Left Out: -350.262 ± 306.293 $\chi^2/\text{NDF}: 6.7/8$

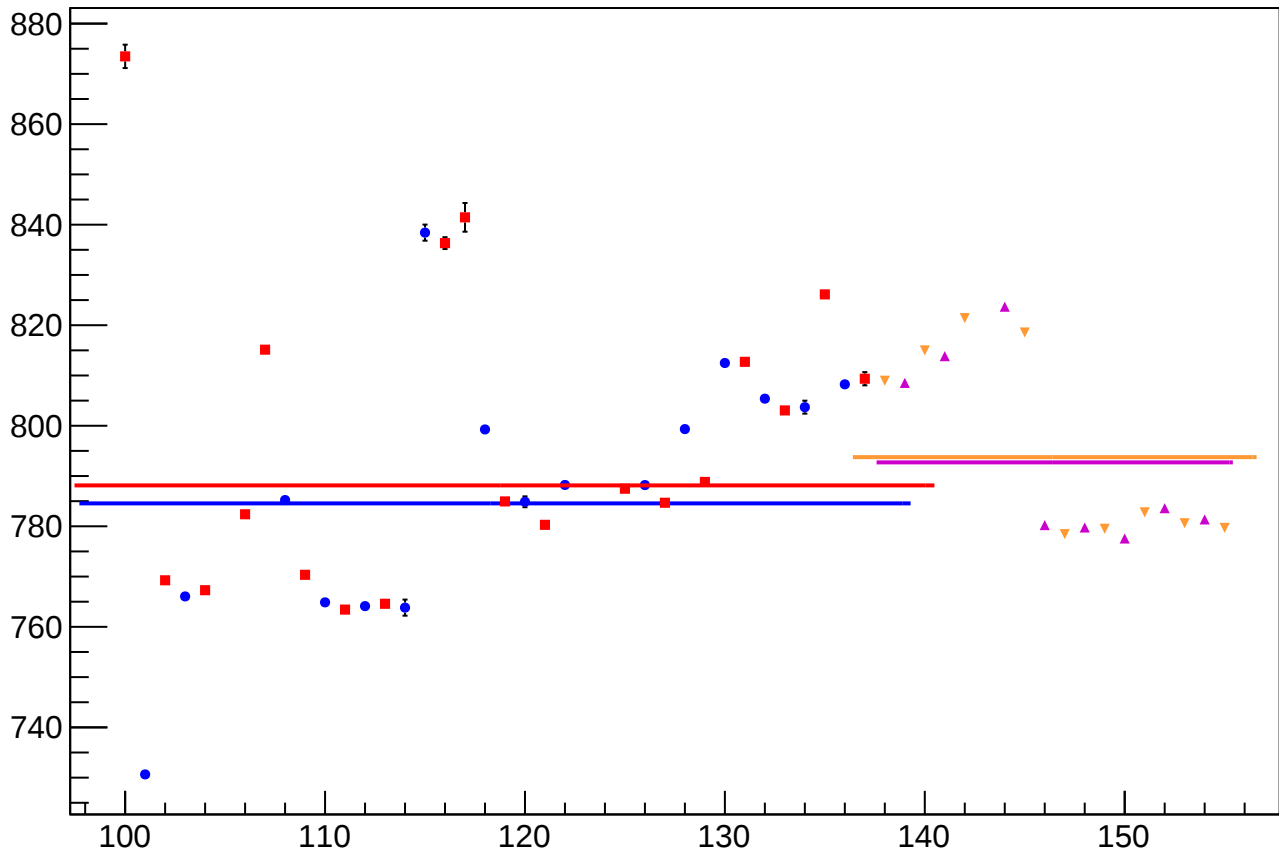
Right Out: -19.622 ± 296.930 $\chi^2/\text{NDF}: 13.4/18$

Left In: 555.638 ± 308.705 $\chi^2/\text{NDF}: 12.1/7$

-422.631 ± 215.996 $\chi^2/\text{NDF}: 15.5/24$

256.828 ± 214.003 $\chi^2/\text{NDF}: 27.3/26$

reg_asym_us_dd_rms vs Slug



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

Left Out: 793.756 ± 0.217 χ^2/NDF : 6422.1/8

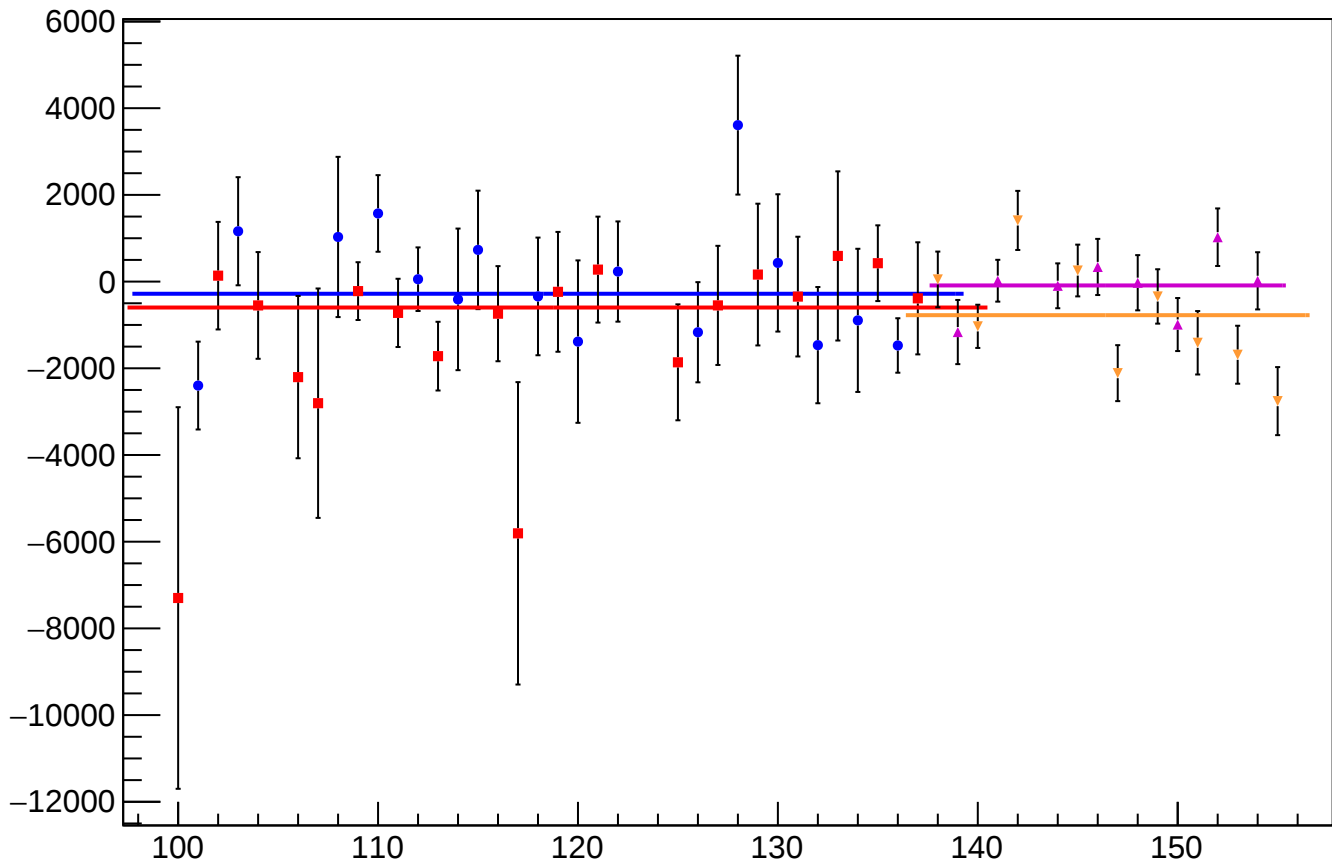
Right Out: 788.134 ± 0.210 χ^2/NDF : 11259.7/18

Left In: 792.714 ± 0.218 χ^2/NDF : 6224.3/7

789.132 ± 0.153 χ^2/NDF : 21006.4/24

790.335 ± 0.151 χ^2/NDF : 17712.6/26

asym_us_dd_correction_mean vs Slug



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

Left Out: -774.724+/-212.816 χ^2/NDF : 28.9/8

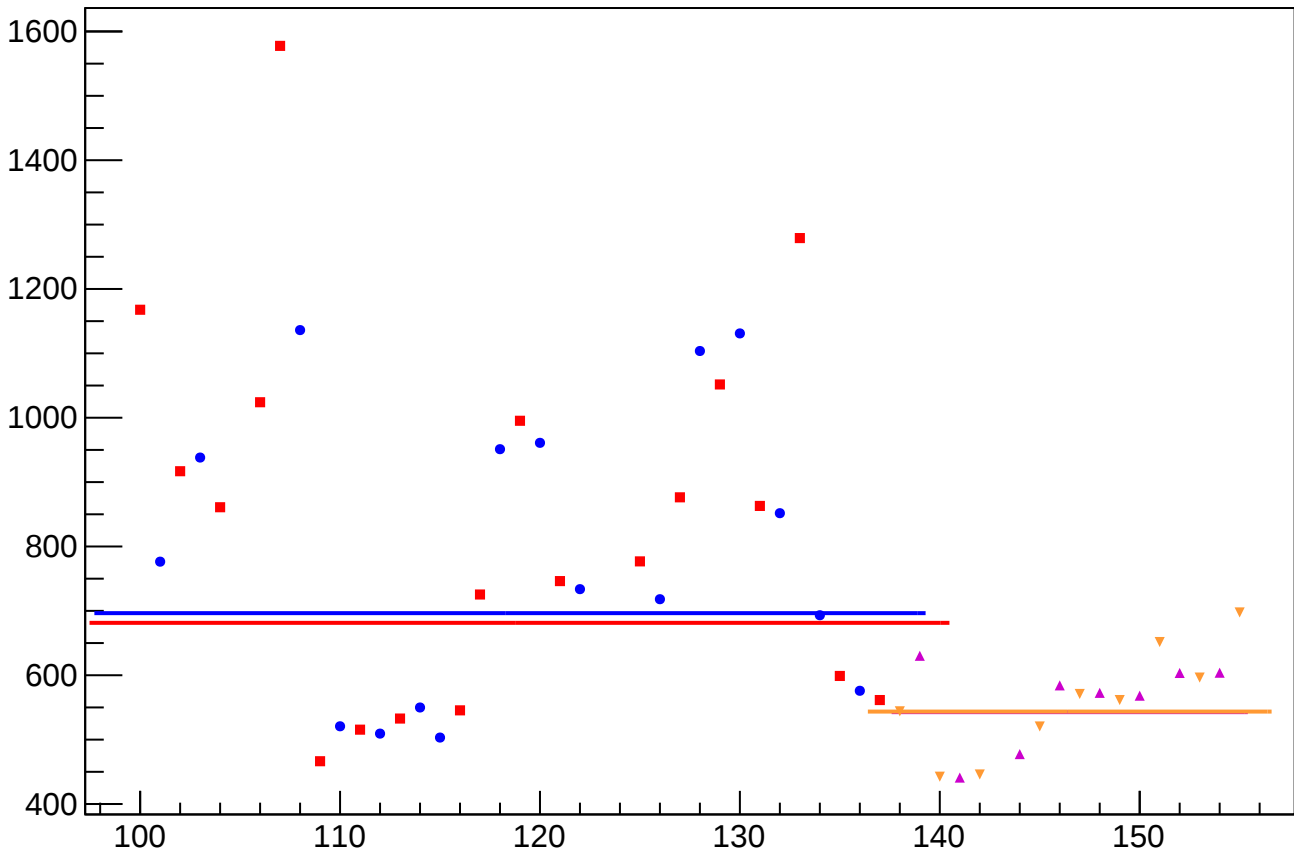
Right Out: -598.108+/-272.052 χ^2/NDF : 12.2/18

Left In: -88.748+/-213.454 χ^2/NDF : 7.6/7

-595.841+/-169.981 χ^2/NDF : 54.0/24

-282.833+/-167.933 χ^2/NDF : 22.0/26

asym_us_dd_correction_rms vs Slug



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

Left Out: 543.563 $\pm$ 0.150 χ^2 /NDF: 264702.0/8

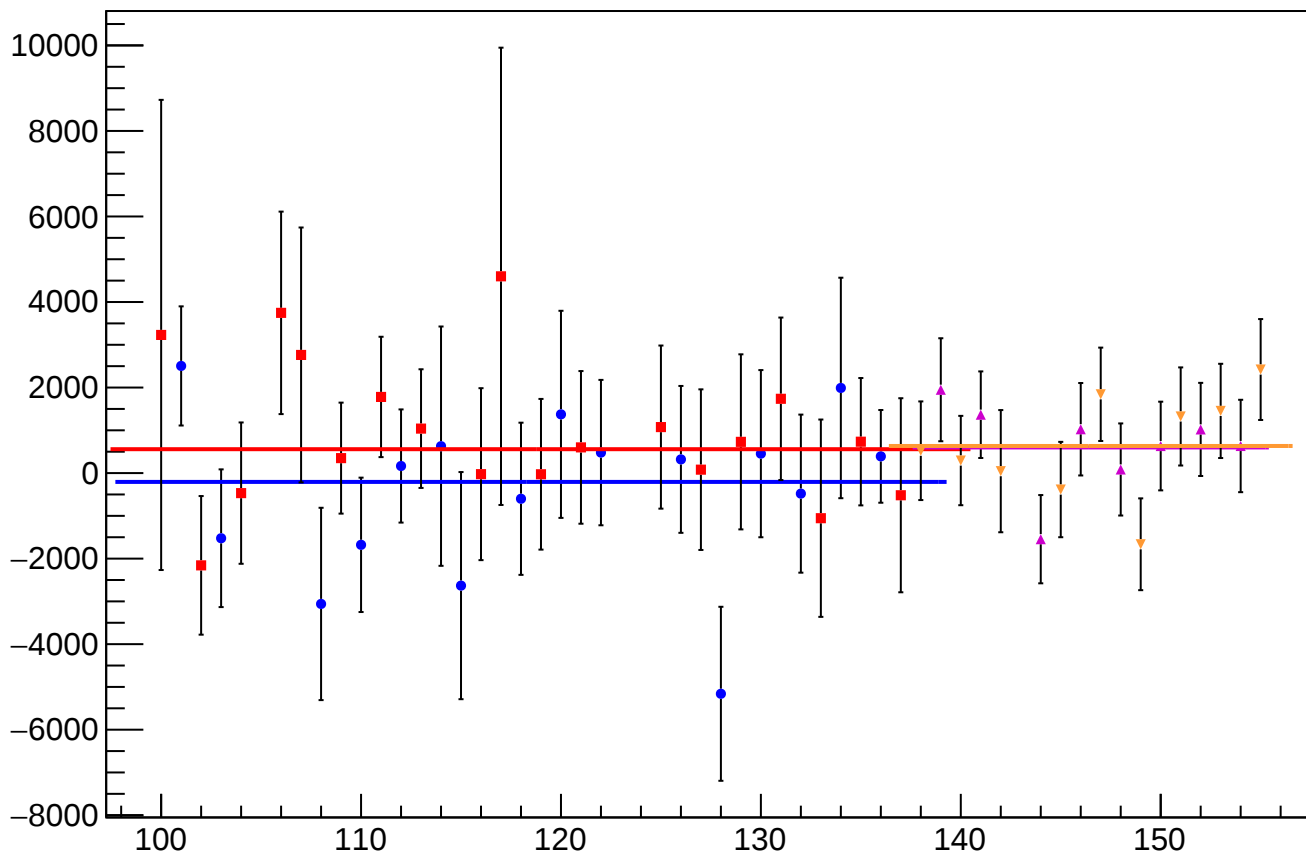
598.919 $\pm$ 0.120 χ^2 /NDF: 1597949.1/24

Right Out: 681.396 $\pm$ 0.192 χ^2 /NDF: 1352876.1/18

595.537 $\pm$ 0.119 χ^2 /NDF: 1873479.0/26

Left In: 542.681 $\pm$ 0.151 χ^2 /NDF: 198763.8/7

asym_us_dd_mean vs Slug



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

Left Out: 633.791 ± 378.692 χ^2/NDF : 10.1/8

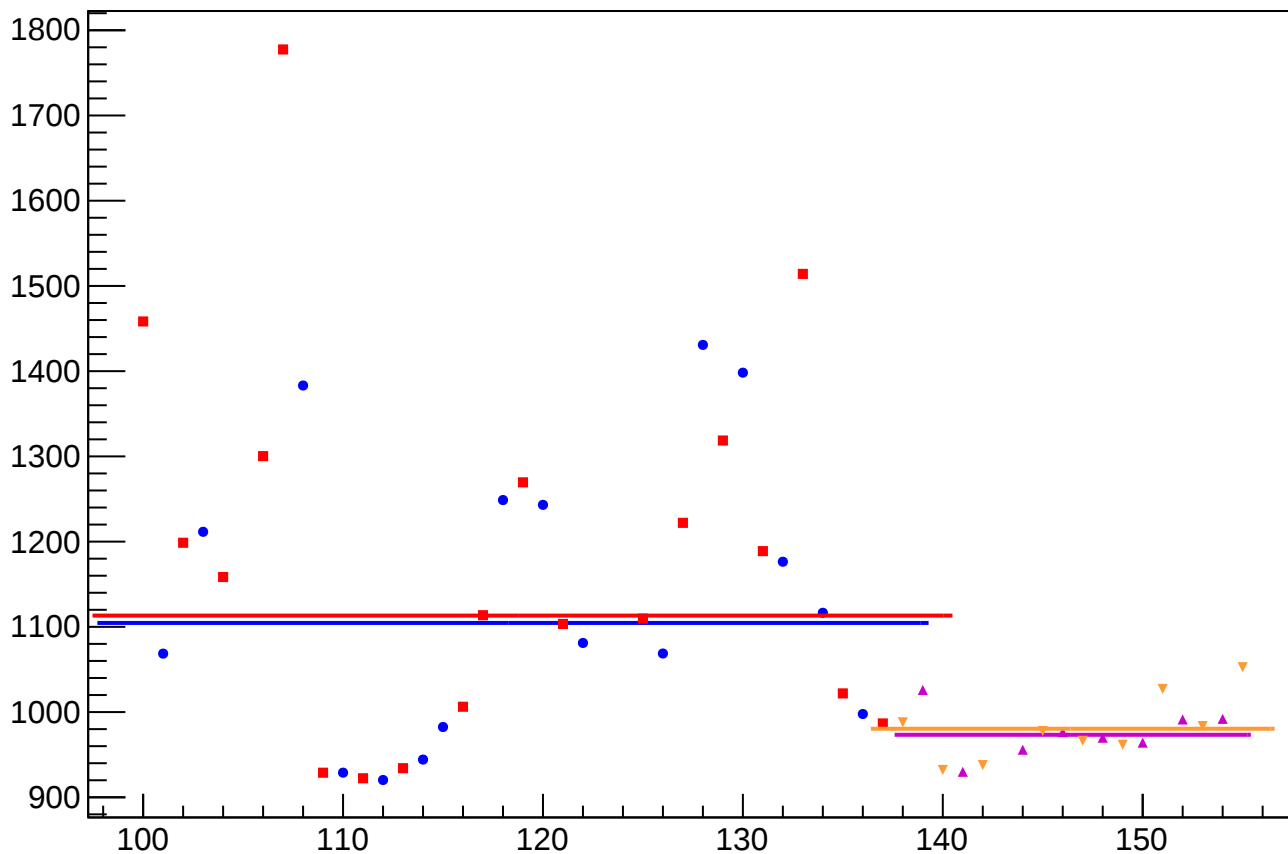
Right Out: 558.638 ± 425.771 χ^2/NDF : 8.7/18

Left In: 599.339 ± 379.200 χ^2/NDF : 6.7/7

270.403 ± 285.275 χ^2/NDF : 28.0/24

581.335 ± 283.174 χ^2/NDF : 15.4/26

asym_us_dd_rms vs Slug



Right In: 1104.596 $\pm$ 0.307 χ^2 /NDF: 255488.3/15

Left Out: 980.451 $\pm$ 0.268 χ^2 /NDF: 17941.1/8

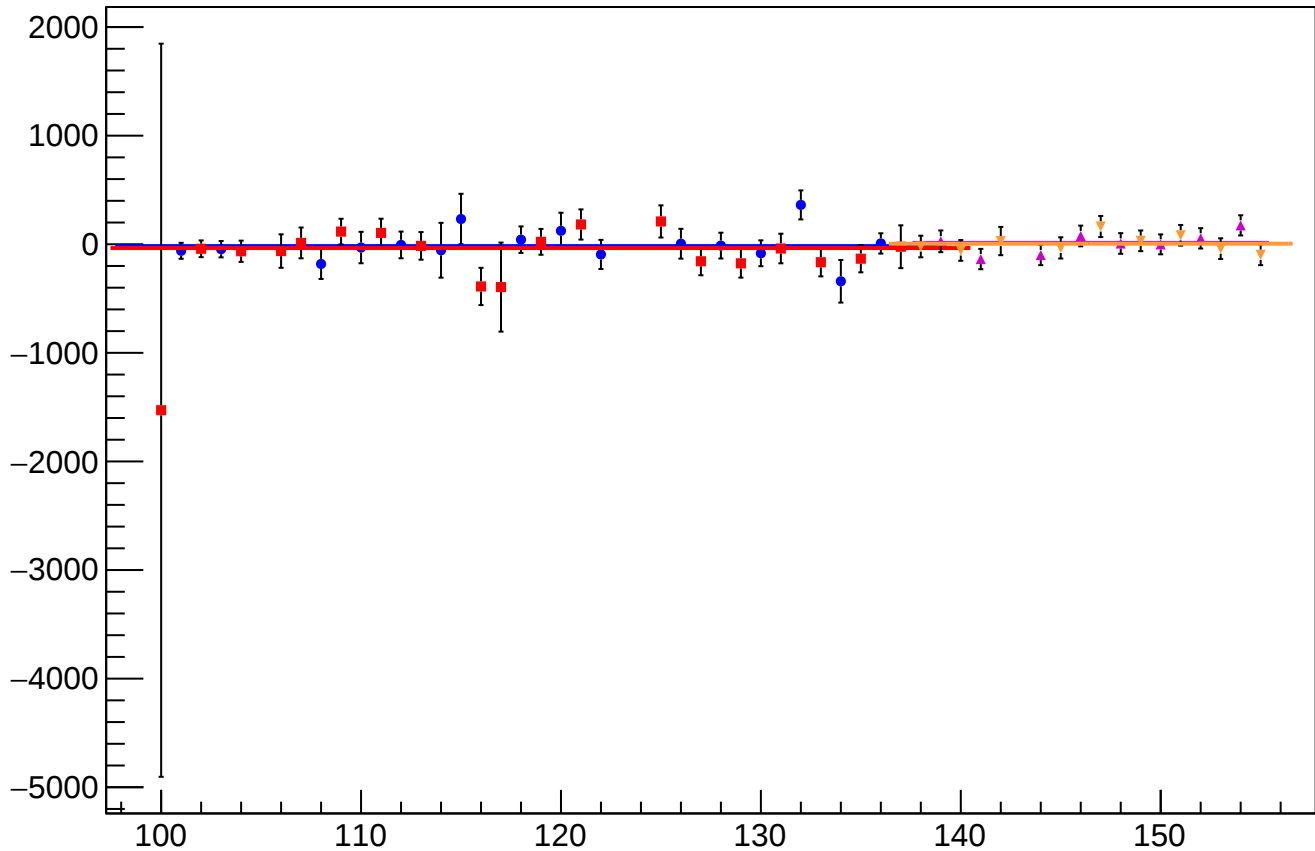
Right Out: 1113.218 $\pm$ 0.301 χ^2 /NDF: 362982.2/18

Left In: 973.346 $\pm$ 0.268 χ^2 /NDF: 9420.7/7

1034.146 $\pm$ 0.202 χ^2 /NDF: 366393.9/24

1035.217 $\pm$ 0.200 χ^2 /NDF: 492770.3/26

reg_asym_ds_avg_mean vs Slug



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

Left Out: 4.979 ± 32.964 χ^2/NDF : 5.4/8

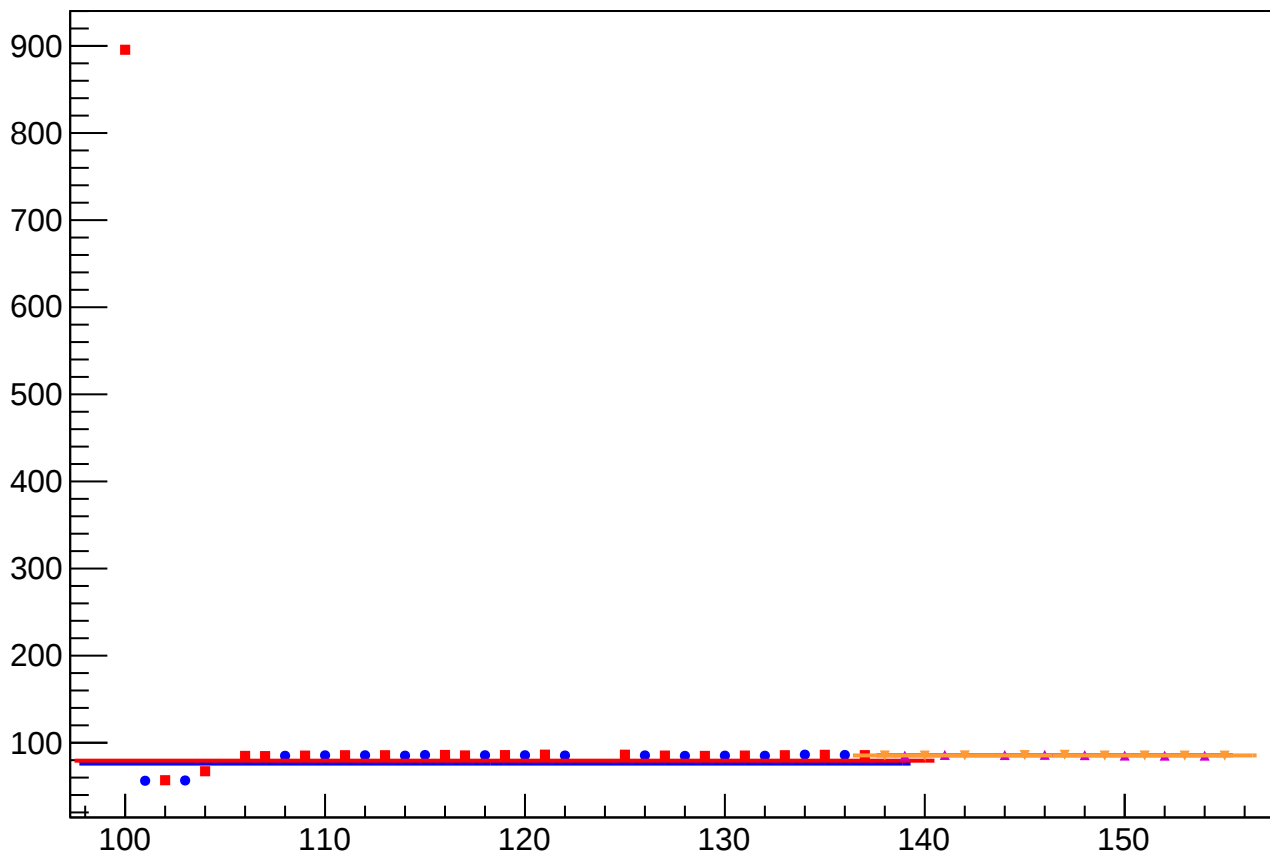
Right Out: -34.875 ± 30.363 χ^2/NDF : 17.3/18

Left In: 12.302 ± 33.338 χ^2/NDF : 7.7/7

-7.177 ± 22.182 χ^2/NDF : 21.3/24

-13.485 ± 22.448 χ^2/NDF : 26.1/26

reg_asym_ds_avg_rms vs Slug



Right In: 76.079+/-0.021 χ^2/NDF : 409170.8/15

Left Out: 85.444+/-0.023 χ^2/NDF :164.2/8

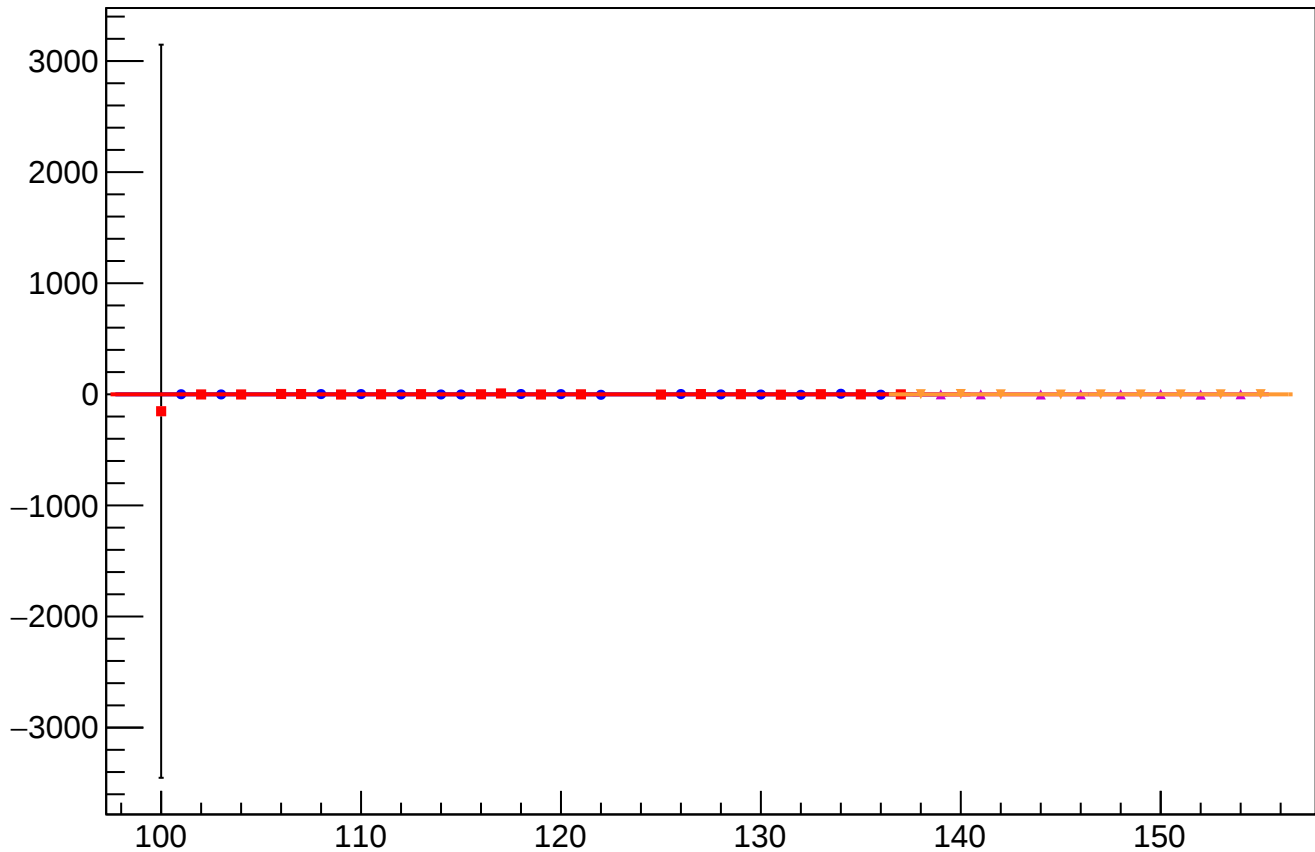
Right Out: 79.423+/-0.021 χ^2/NDF : 378959.4/18

Left In: 85.625+/-0.024 χ^2/NDF :249.0/7

80.320+/-0.016 χ^2/NDF : 497666.6/24

82.235+/-0.016 χ^2/NDF : 417040.8/26

asym_ds_avg_correction_mean vs Slug



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

Left Out: -0.228 ± 0.553 χ^2/NDF : 5.4/8

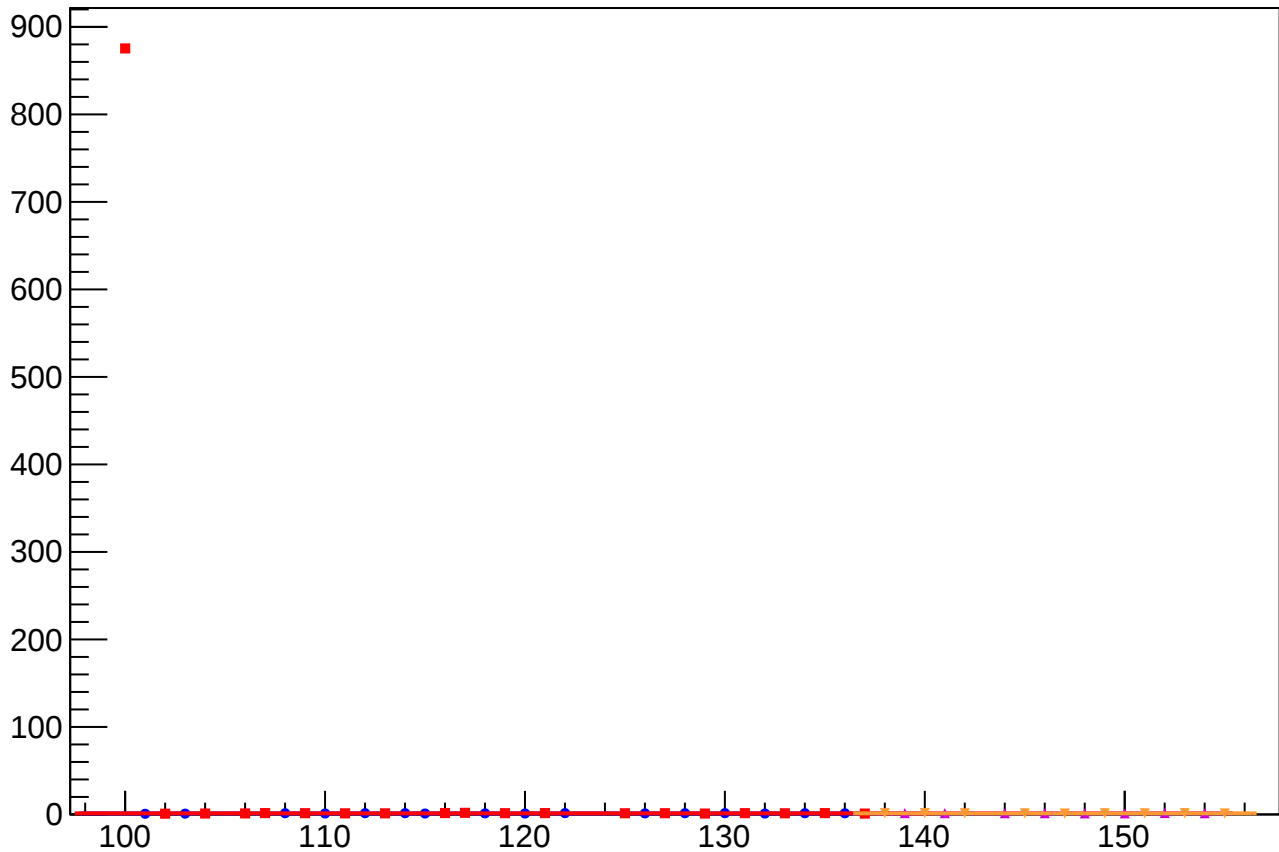
Right Out: -0.051 ± 0.520 χ^2/NDF : 9.8/18

Left In: 0.363 ± 0.595 χ^2/NDF : 4.9/7

-0.257 ± 0.371 χ^2/NDF : 26.5/24

0.128 ± 0.391 χ^2/NDF : 14.9/26

asym_ds_avg_correction_rms vs Slug



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

Left Out: 1.295 $\pm$ 0.000 χ^2 /NDF:137226.8/8

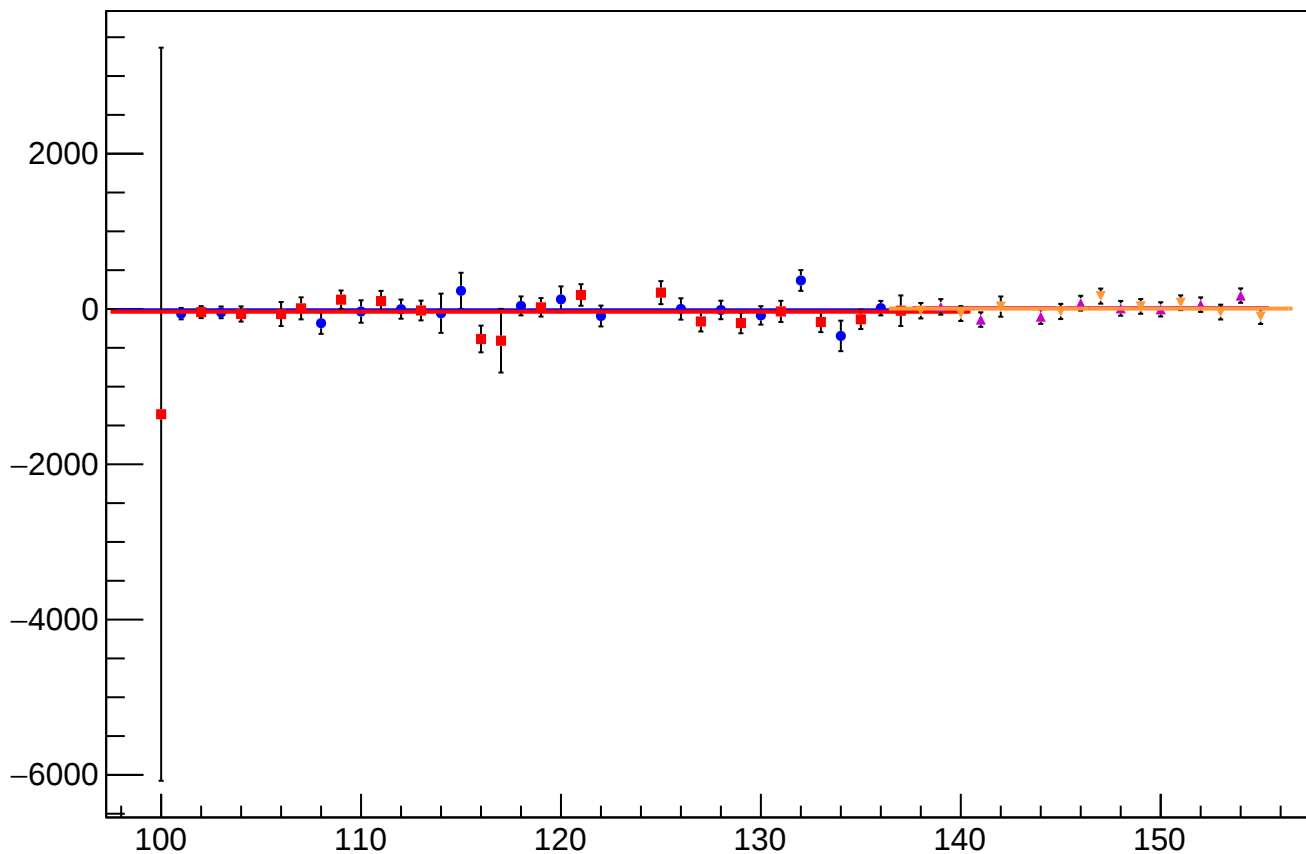
Right Out: 1.249 $\pm$ 0.000 χ^2 /NDF: 526097.8/18

Left In: 1.413 $\pm$ 0.000 χ^2 /NDF:73779.9/7

1.217 $\pm$ 0.000 χ^2 /NDF: 724486.4/24

1.320 $\pm$ 0.000 χ^2 /NDF: 686346.8/26

asym_ds_avg_mean vs Slug



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

Left Out: 5.254+/-32.972 χ^2/NDF : 5.5/8

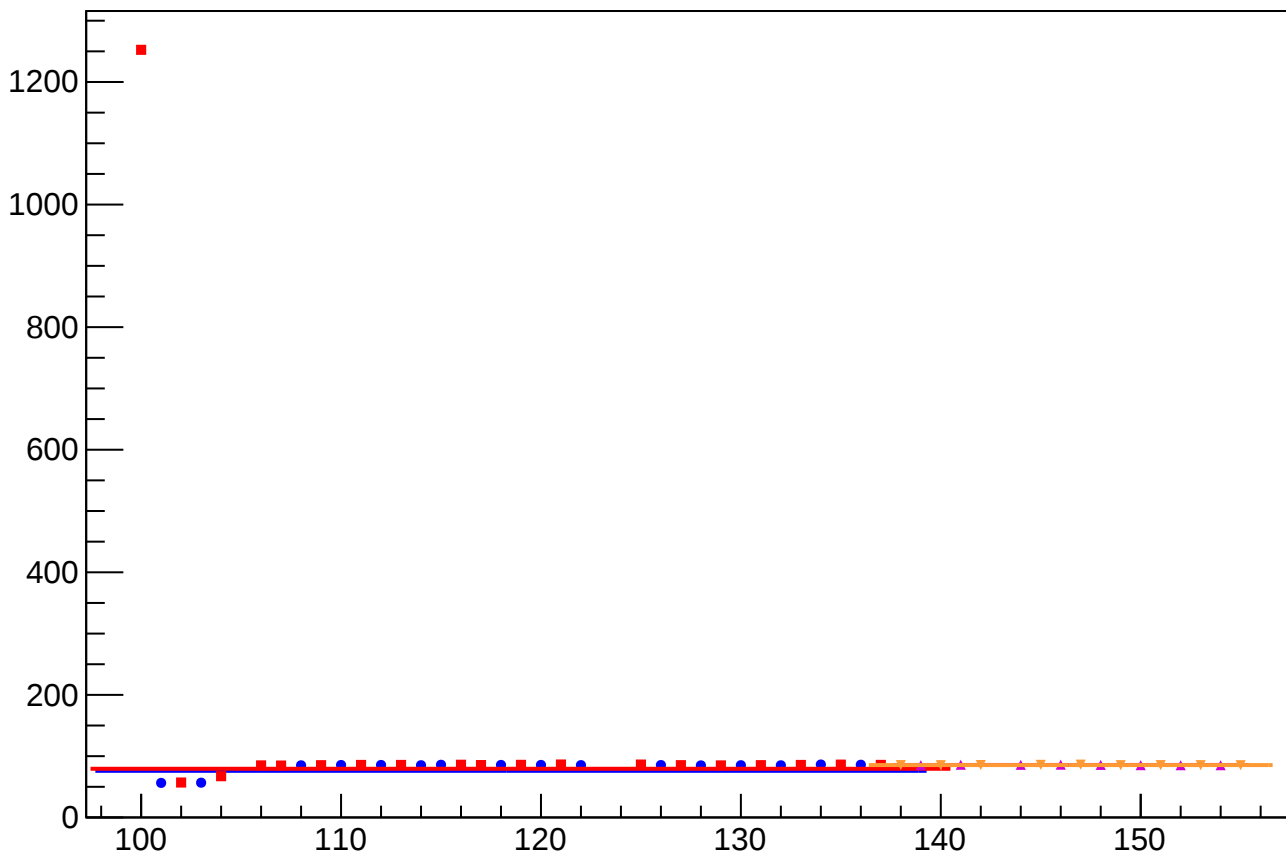
Right Out: -35.172+/-30.371 χ^2/NDF : 17.4/18

Left In: 11.938+/-33.347 χ^2/NDF : 7.6/7

-6.546+/-22.188 χ^2/NDF : 21.6/24

-13.812+/-22.454 χ^2/NDF : 26.1/26

asym_ds_avg_rms vs Slug



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

Left Out: 85.467+/-0.023 χ^2 /NDF:164.3/8

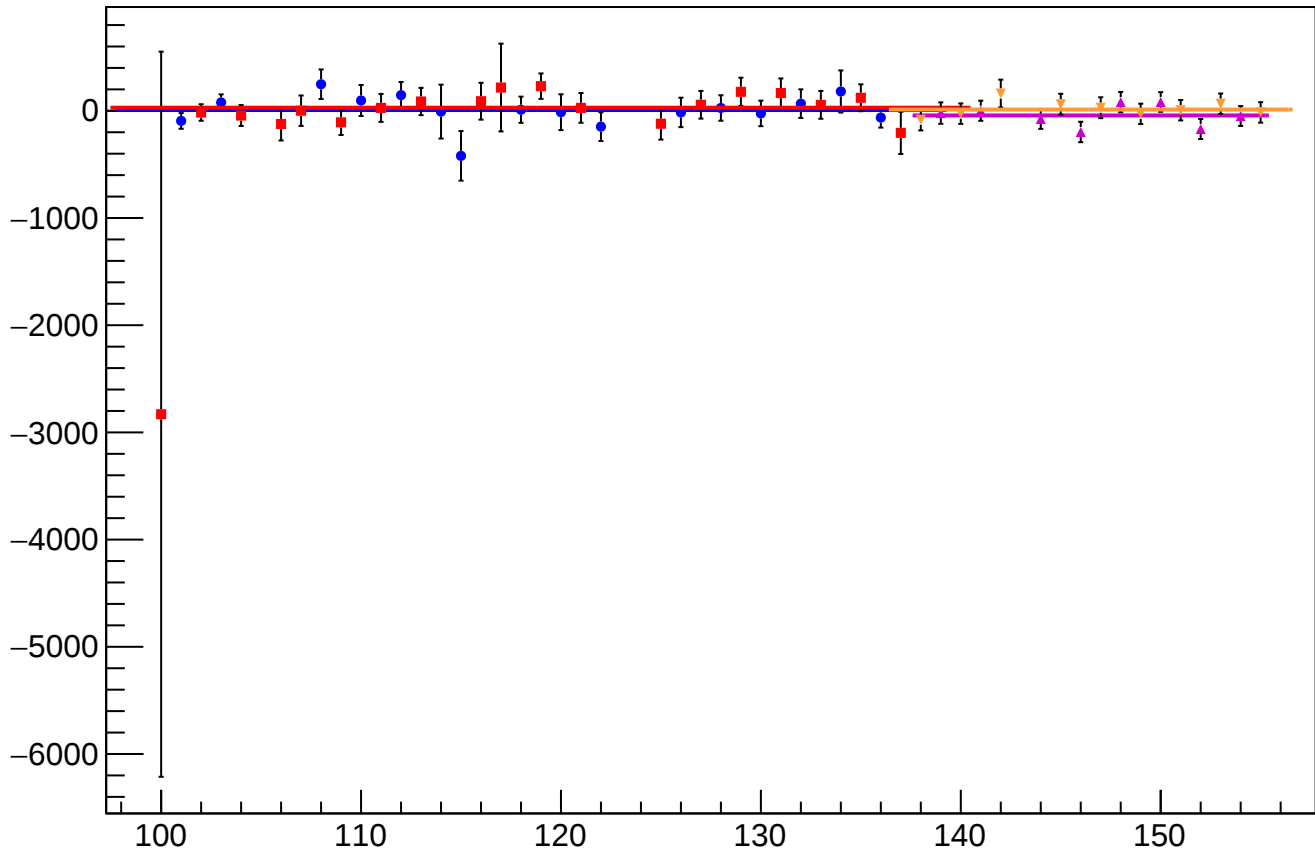
Right Out: 79.426+/-0.021 χ^2 /NDF: 385484.8/18

Left In: 85.648+/-0.024 χ^2 /NDF:248.6/7

80.341+/-0.016 χ^2 /NDF: 497695.9/24

82.247+/-0.016 χ^2 /NDF: 423783.0/26

reg_asym_ds_dd_mean vs Slug



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

Left Out: 11.721 ± 32.967 $\chi^2/\text{NDF}: 3.3/8$

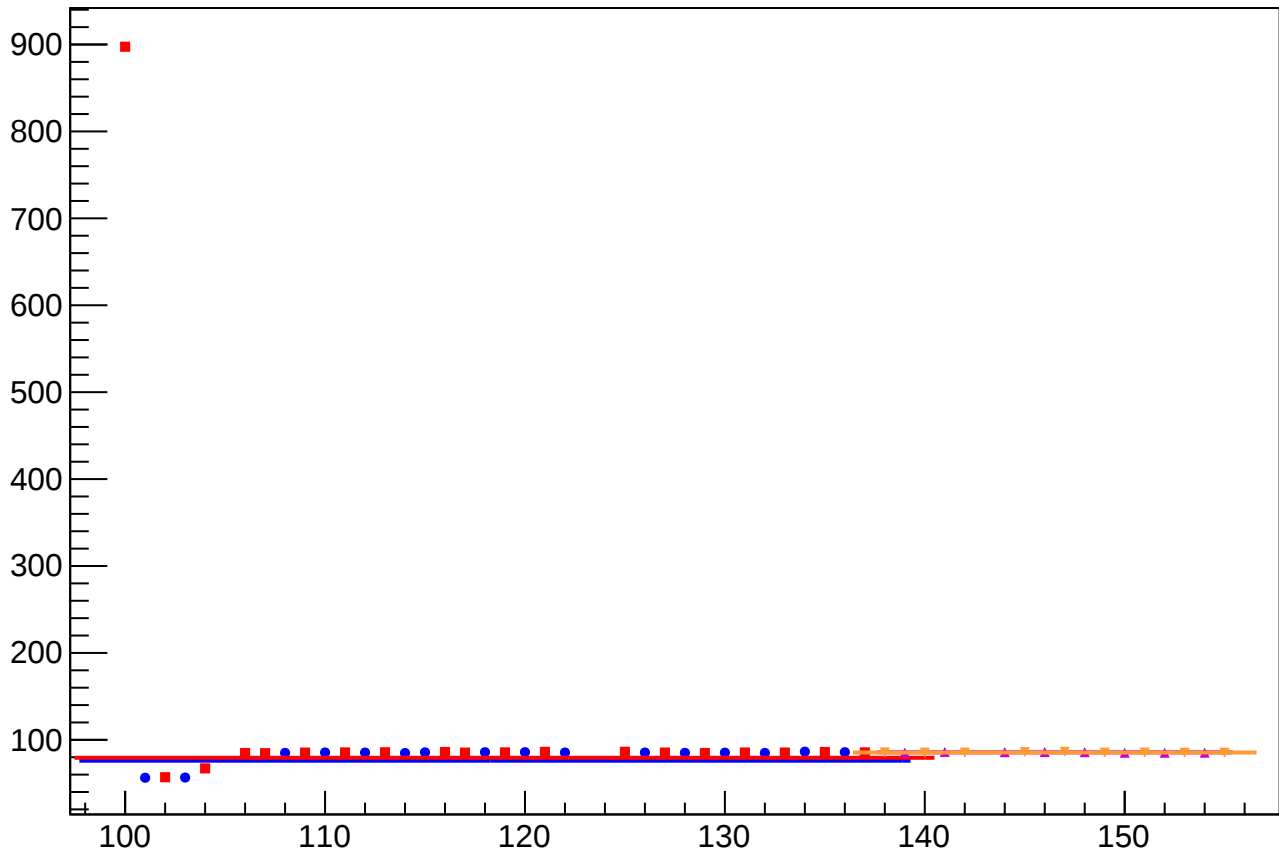
Right Out: 28.958 ± 30.344 $\chi^2/\text{NDF}: 12.7/18$

Left In: -43.201 ± 33.344 $\chi^2/\text{NDF}: 8.4/7$

9.388 ± 22.176 $\chi^2/\text{NDF}: 17.2/24$

-3.730 ± 22.442 $\chi^2/\text{NDF}: 23.7/26$

reg_asym_ds_dd_rms vs Slug



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

Left Out: 85.453 $\pm$ 0.023 χ^2 /NDF: 219.1/8

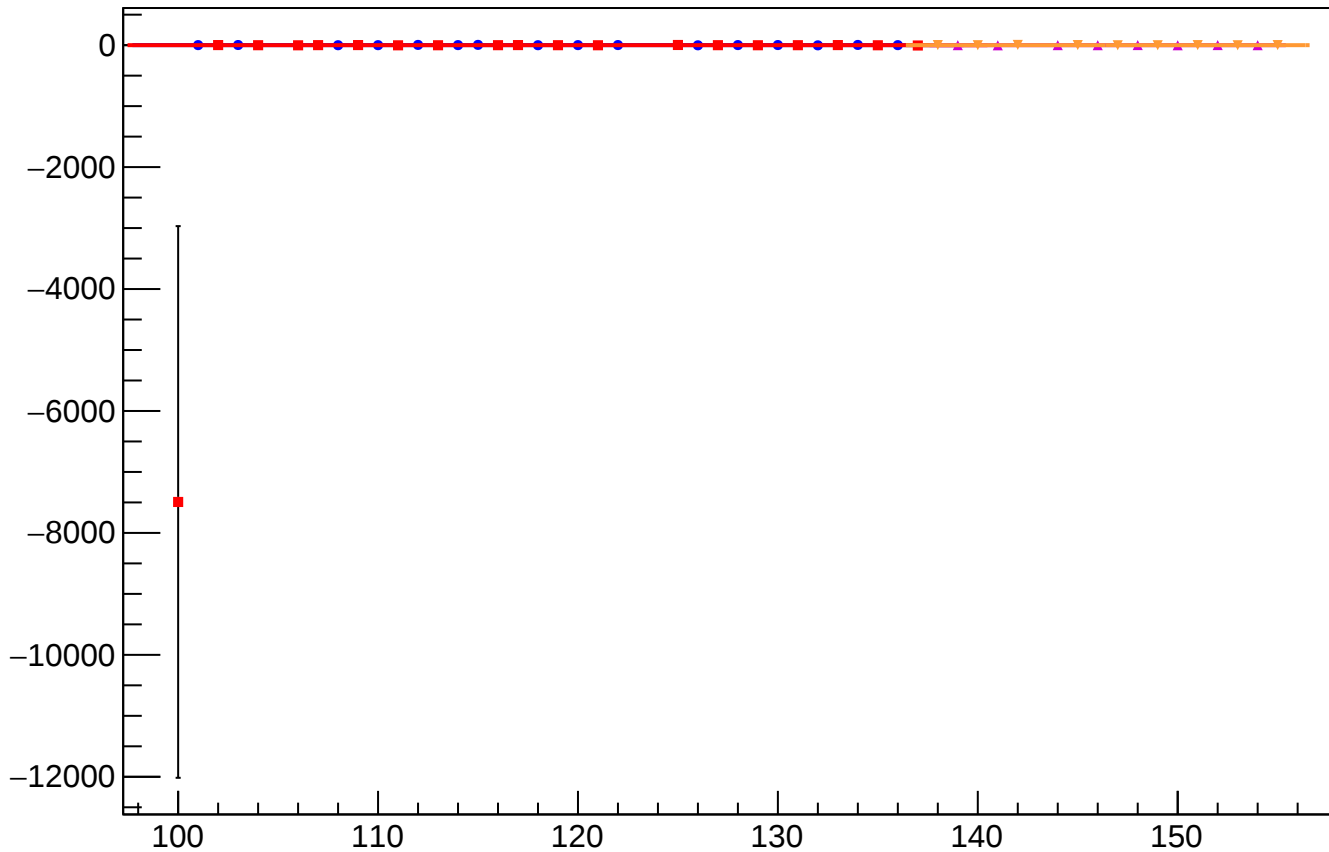
Right Out: 79.375 $\pm$ 0.021 χ^2 /NDF: 378794.5/18

Left In: 85.639 $\pm$ 0.024 χ^2 /NDF: 247.0/7

80.294 $\pm$ 0.016 χ^2 /NDF: 498561.5/24

82.212 $\pm$ 0.016 χ^2 /NDF: 417657.9/26

asym_ds_dd_correction_mean vs Slug



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

Left Out: -0.232 ± 0.557 χ^2/NDF : 7.8/8

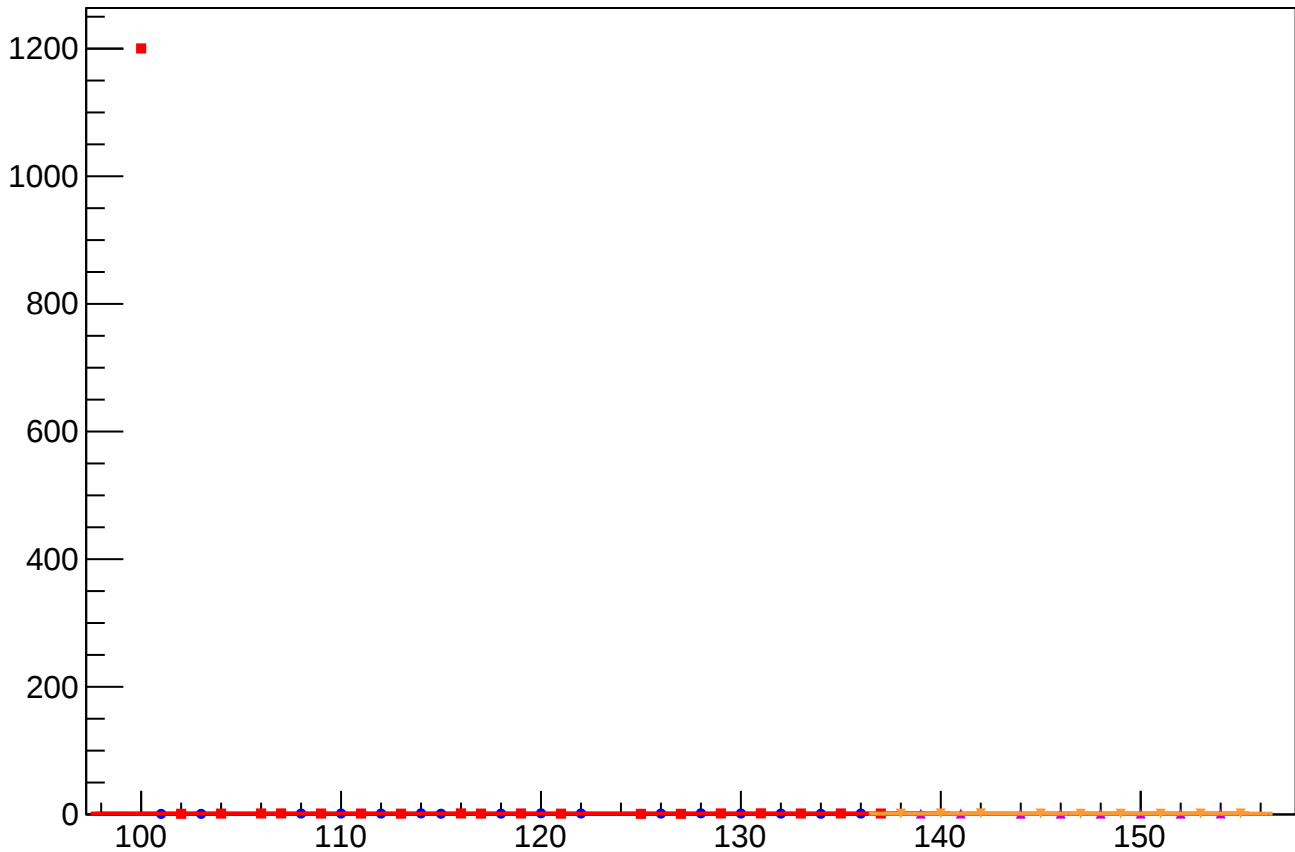
Right Out: -0.304 ± 0.547 χ^2/NDF : 12.6/18

Left In: -0.008 ± 0.585 χ^2/NDF : 4.7/7

0.365 ± 0.385 χ^2/NDF : 22.0/24

-0.166 ± 0.400 χ^2/NDF : 17.5/26

asym_ds_dd_correction_rms vs Slug



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

Left Out: 1.308 $\pm$ 0.000 χ^2 /NDF:214110.3/8

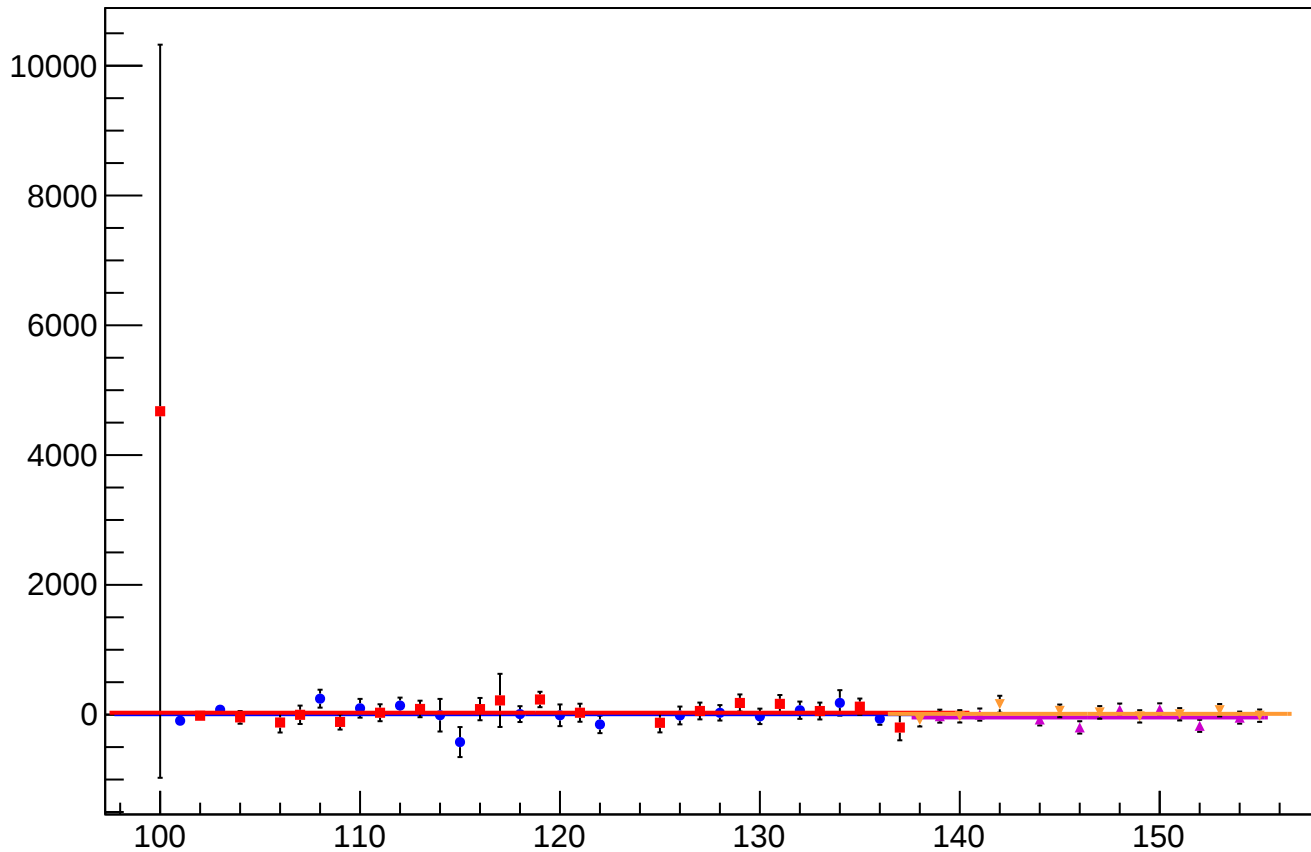
Right Out: 1.318 $\pm$ 0.000 χ^2 /NDF: 521623.7/18

Left In: 1.387 $\pm$ 0.000 χ^2 /NDF:74638.2/7

1.271 $\pm$ 0.000 χ^2 /NDF: 888508.5/24

1.350 $\pm$ 0.000 χ^2 /NDF: 611143.3/26

asym_ds_dd_mean vs Slug



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

Left Out: 12.418+/-32.976 χ^2/NDF : 3.3/8

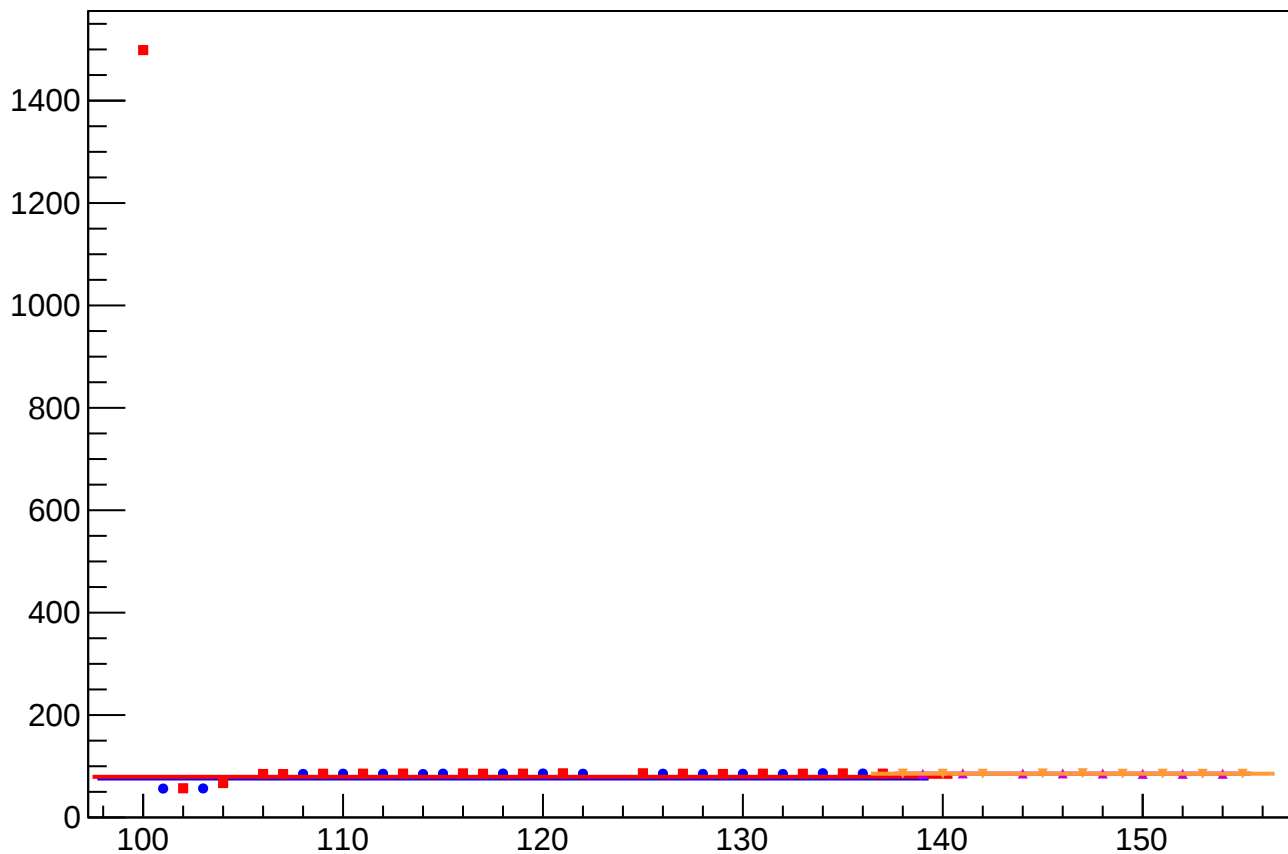
Right Out: 29.600+/-30.353 χ^2/NDF : 12.9/18

Left In: -43.545+/-33.353 χ^2/NDF : 8.3/7

9.332+/-22.181 χ^2/NDF : 17.1/24

-3.536+/-22.449 χ^2/NDF : 23.8/26

asym_ds_dd_rms vs Slug



Right In: 76.052+/-0.021 χ^2/NDF : 408962.1/15

Left Out: 85.475+/-0.023 χ^2/NDF : 218.8/8

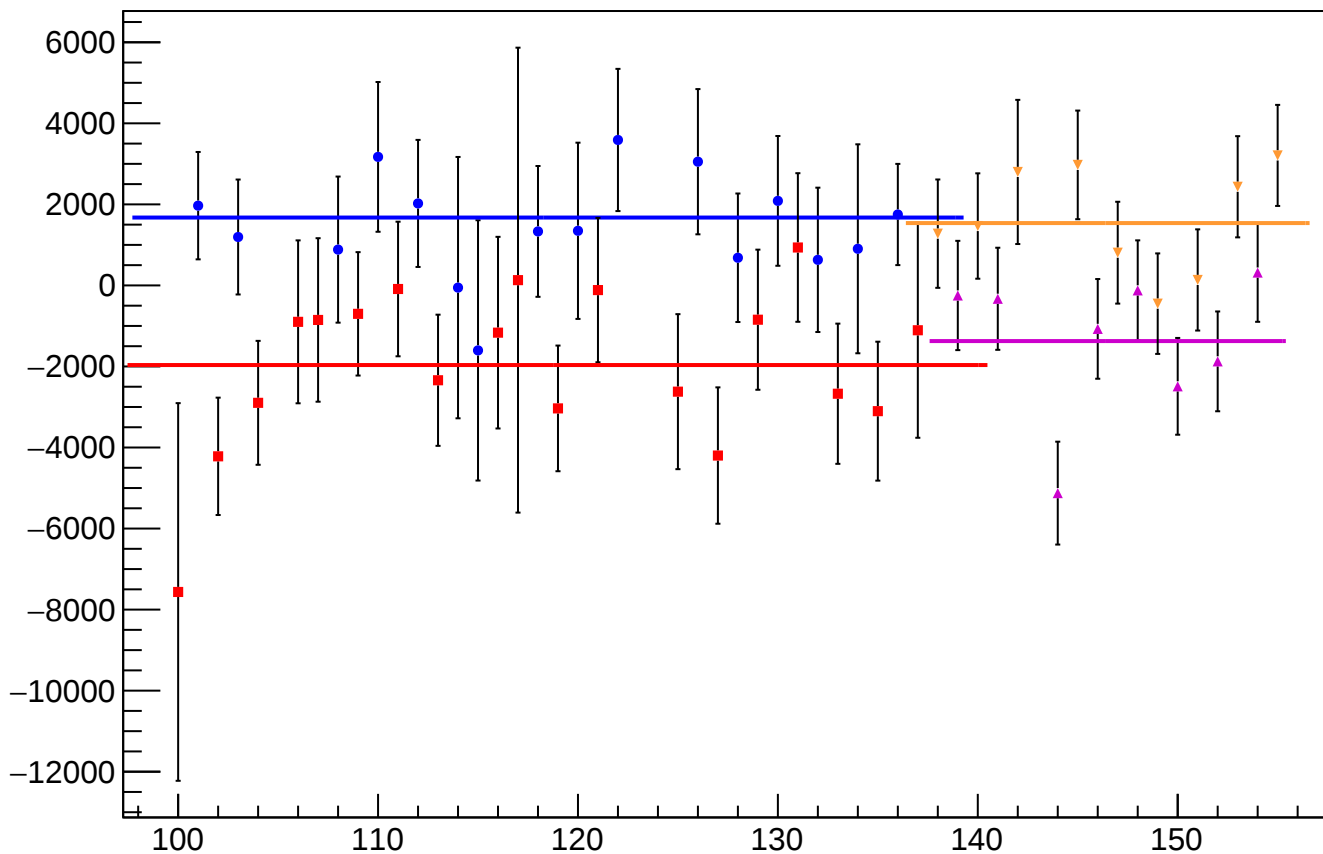
Right Out: 79.371+/-0.021 χ^2/NDF : 388057.0/18

Left In: 85.662+/-0.024 χ^2/NDF : 247.0/7

80.316+/-0.016 χ^2/NDF : 498591.2/24

82.221+/-0.016 χ^2/NDF : 427219.1/26

reg_asym_usl_mean vs Slug



Right In: 1674.993 ± 430.597 χ^2/NDF : 5.1/15

Left Out: 1538.708 ± 437.134 χ^2/NDF : 8.2/8

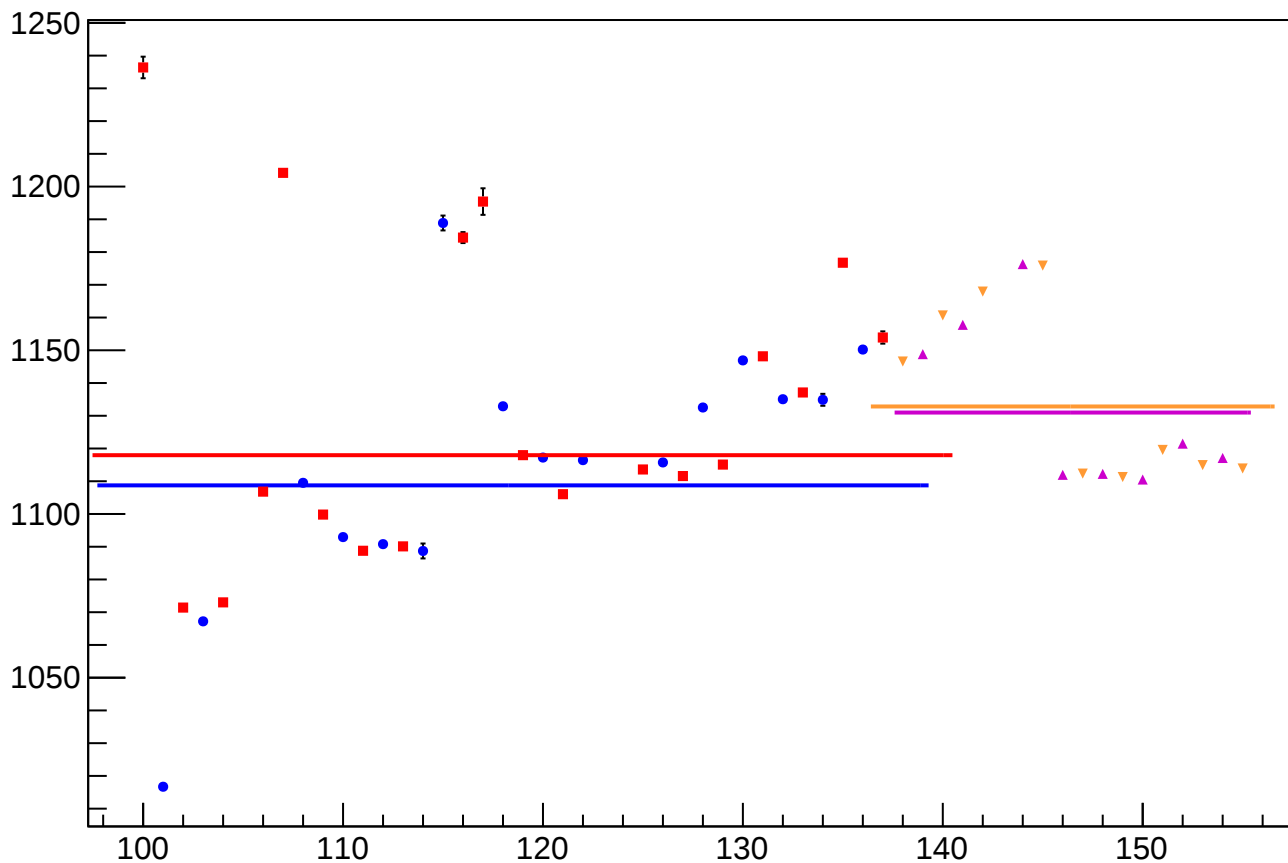
Right Out: -1964.936 ± 421.265 χ^2/NDF : 14.2/18

Left In: -1373.486 ± 440.431 χ^2/NDF : 14.2/7

1607.878 ± 306.763 χ^2/NDF : 13.4/24

-1682.360 ± 304.430 χ^2/NDF : 29.3/26

reg_asym_usl_rms vs Slug



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

Left Out: 1132.836 $\pm$ 0.309 χ^2 /NDF: 6200.6/8

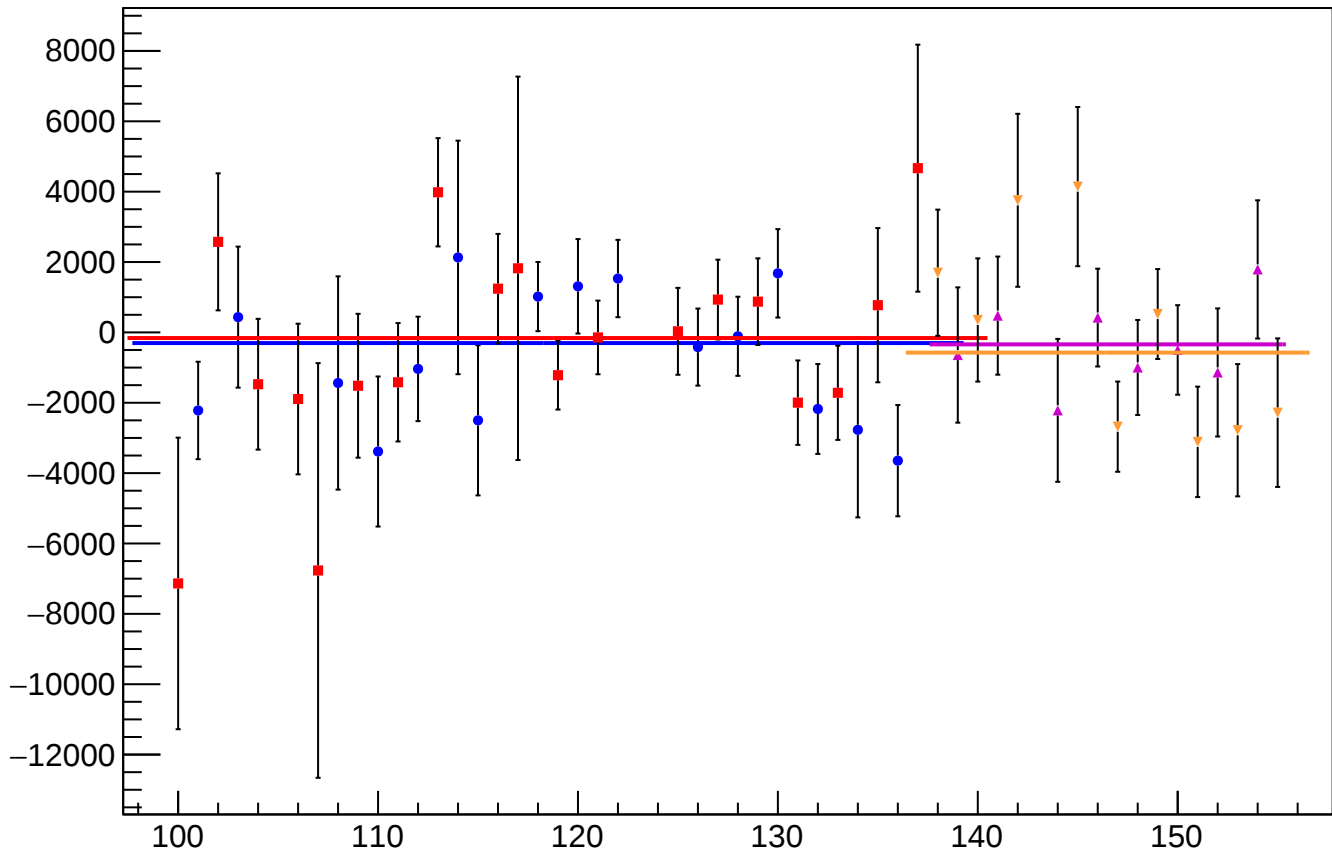
Right Out: 1117.959 $\pm$ 0.298 χ^2 /NDF: 15881.8/18

Left In: 1130.980 $\pm$ 0.311 χ^2 /NDF: 5710.2/7

1120.606 $\pm$ 0.217 χ^2 /NDF: 27365.8/24

1124.180 $\pm$ 0.215 χ^2 /NDF: 22505.0/26

asym_usl_correction_mean vs Slug



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

Left Out: -574.365+/-565.059 χ^2/NDF : 17.4/8

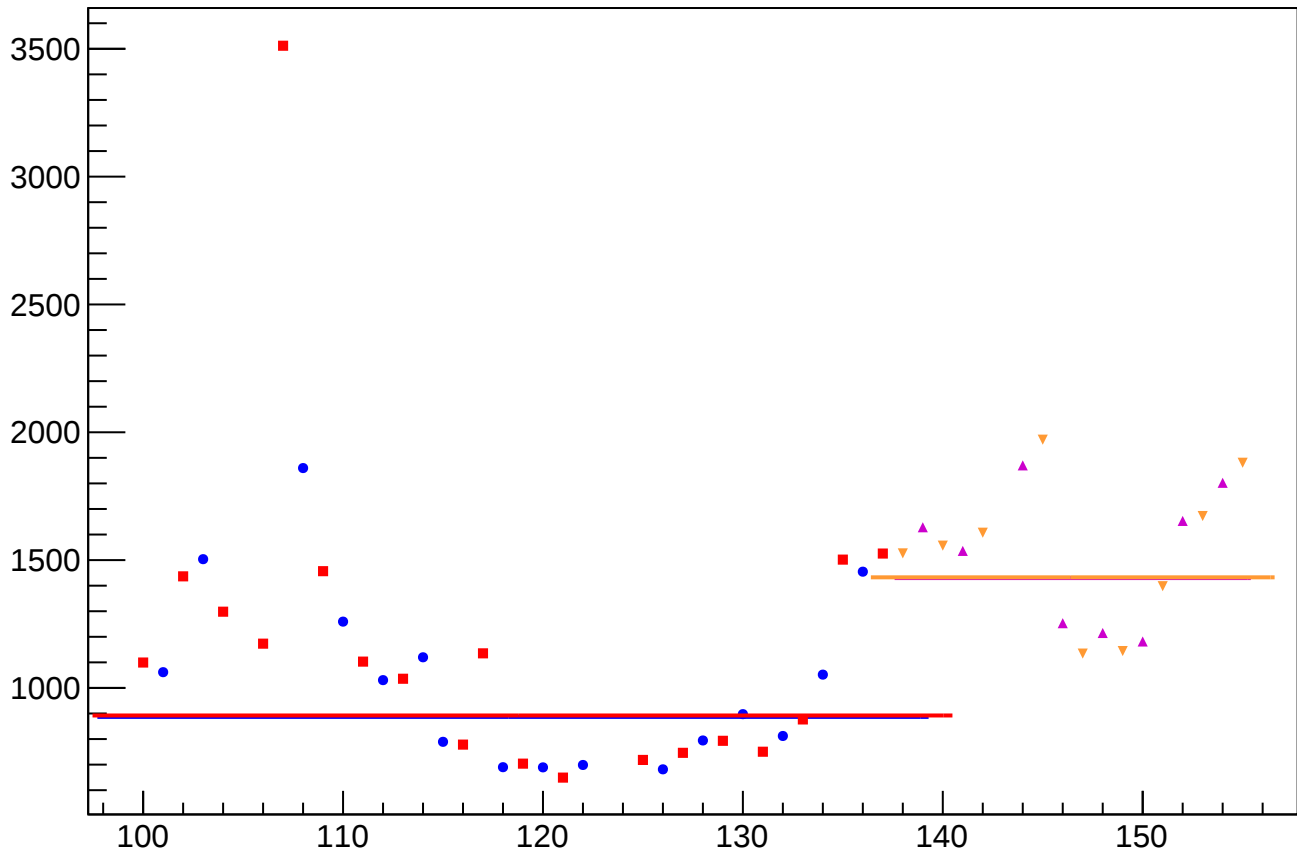
Right Out: -160.376+/-355.478 χ^2/NDF : 25.0/18

Left In: -340.188+/-566.887 χ^2/NDF : 3.0/7

-381.605+/-303.658 χ^2/NDF : 39.9/24

-211.126+/-301.164 χ^2/NDF : 28.1/26

asym_usl_correction_rms vs Slug



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

Left Out: 1432.606+/-0.400 χ^2/NDF : 472648.1/8

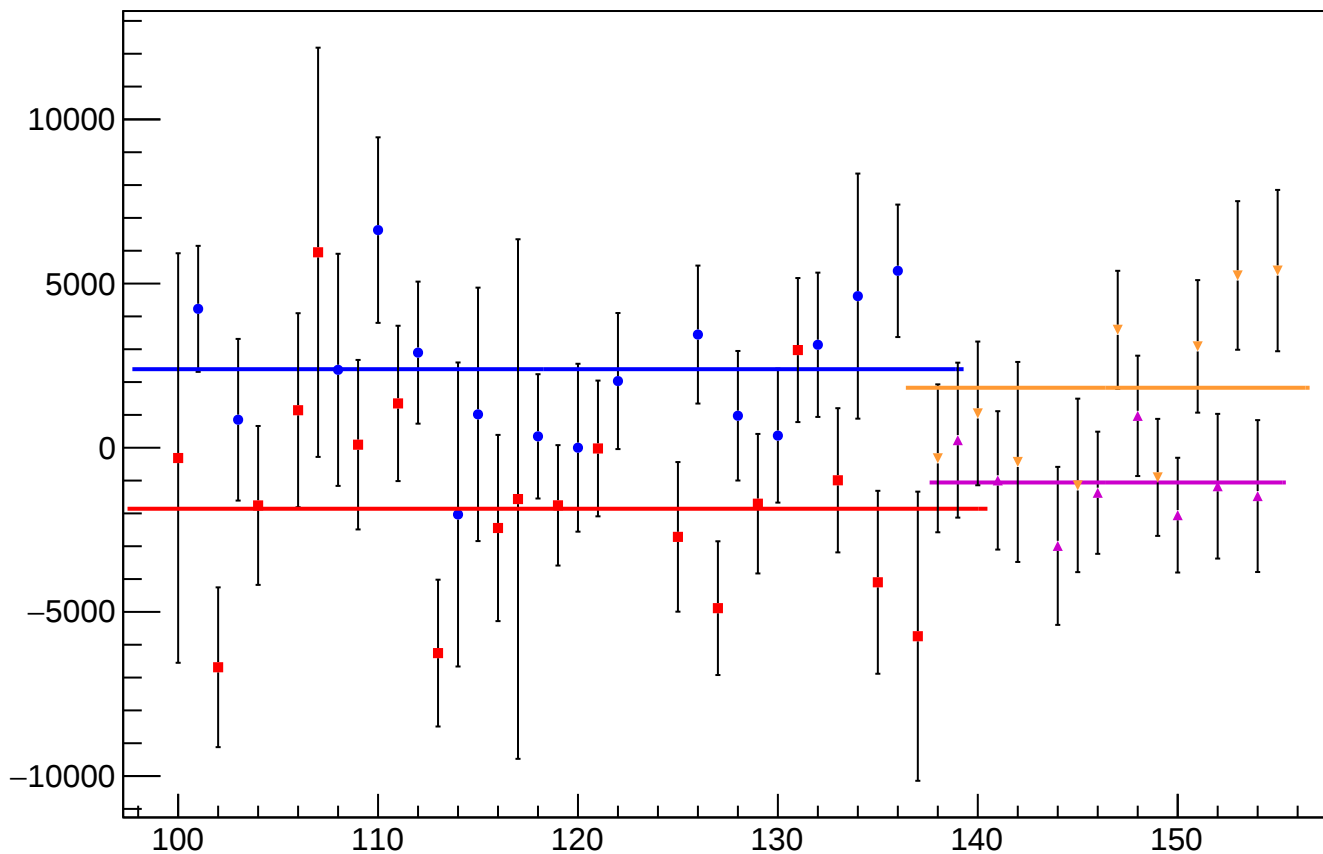
Right Out: 892.236+/-0.251 χ^2/NDF : 1418185.6/18

Left In: 1429.740+/-0.401 χ^2/NDF : 384574.3/7

1044.345+/-0.215 χ^2/NDF : 2861183.6/24

1043.939+/-0.213 χ^2/NDF : 3093331.6/26

asym_usl_mean vs Slug



Right In: 2392.385 ± 588.991 $\chi^2/\text{NDF}: 11.2/15$

Left Out: 1826.786 ± 727.753 $\chi^2/\text{NDF}: 11.0/8$

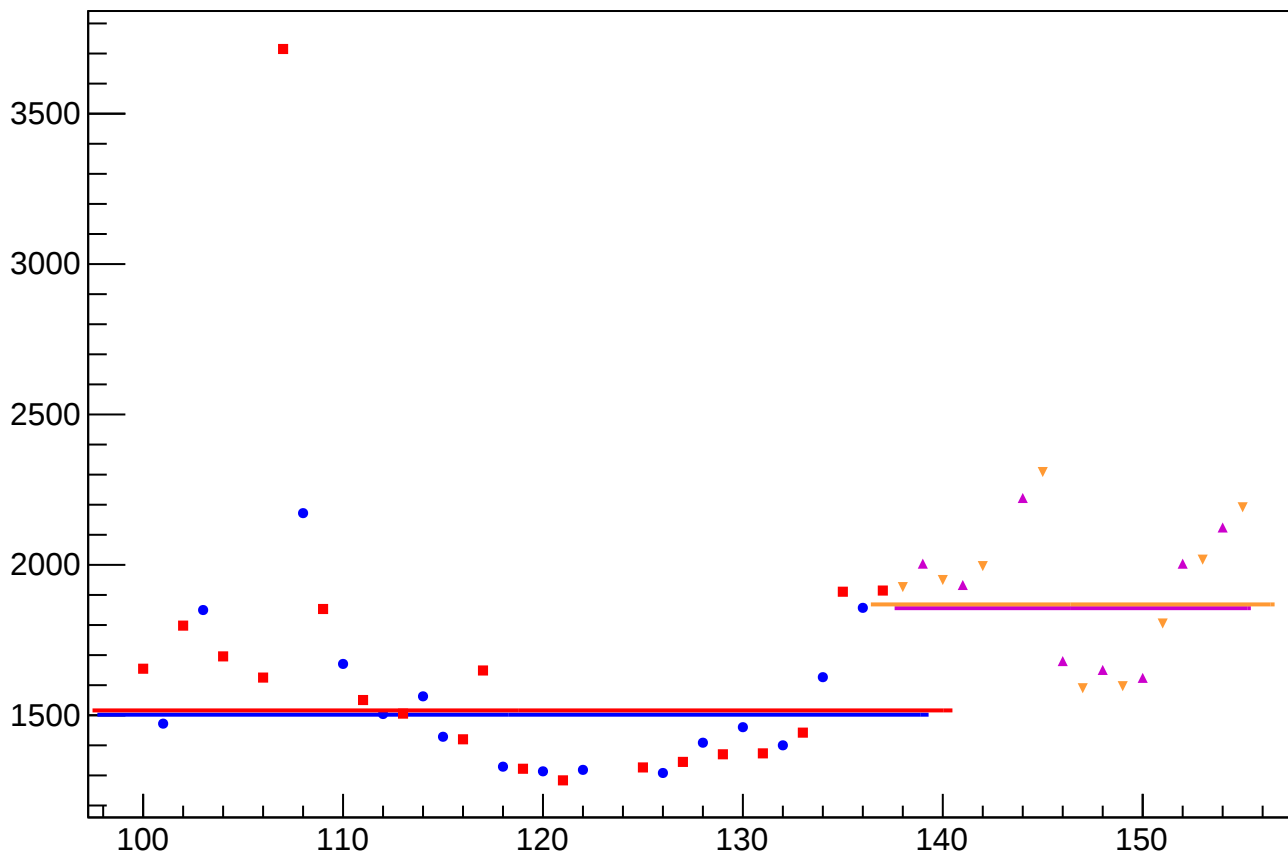
Right Out: -1858.263 ± 581.542 $\chi^2/\text{NDF}: 22.5/18$

Left In: -1058.507 ± 728.499 $\chi^2/\text{NDF}: 2.6/7$

2168.535 ± 457.834 $\chi^2/\text{NDF}: 22.5/24$

-1546.985 ± 454.490 $\chi^2/\text{NDF}: 25.8/26$

asym_usl_rms vs Slug



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

Left Out: 1868.533+/-0.515 χ^2/NDF : 202911.4/8

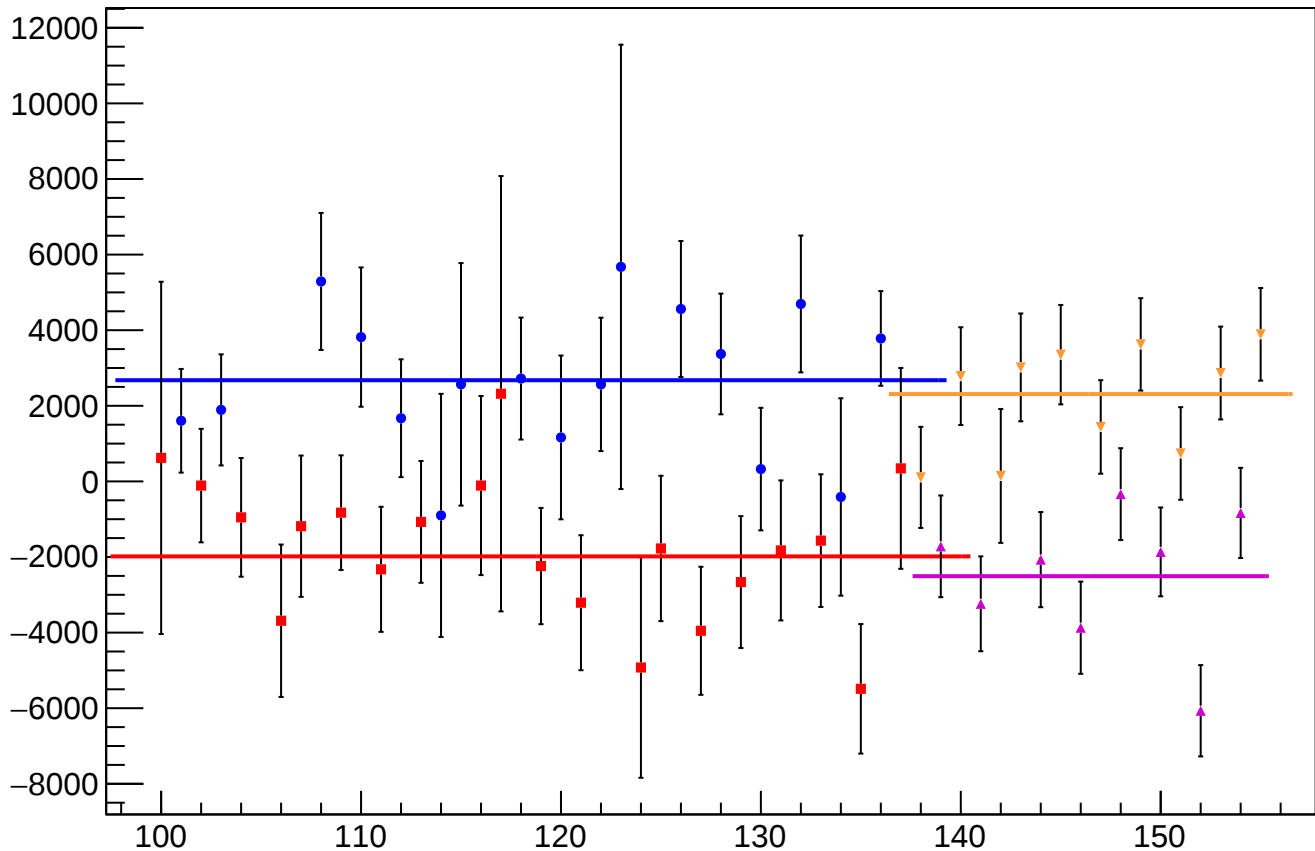
Right Out: 1516.127+/-0.411 χ^2/NDF : 480325.9/18

Left In: 1856.072+/-0.515 χ^2/NDF : 170919.4/7

1647.026+/-0.324 χ^2/NDF : 764107.4/24

1648.439+/-0.321 χ^2/NDF : 917242.3/26

reg_asym_usr_mean vs Slug



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

Left Out: 2309.866 $\pm$ 412.953 χ^2 /NDF:10.4/9

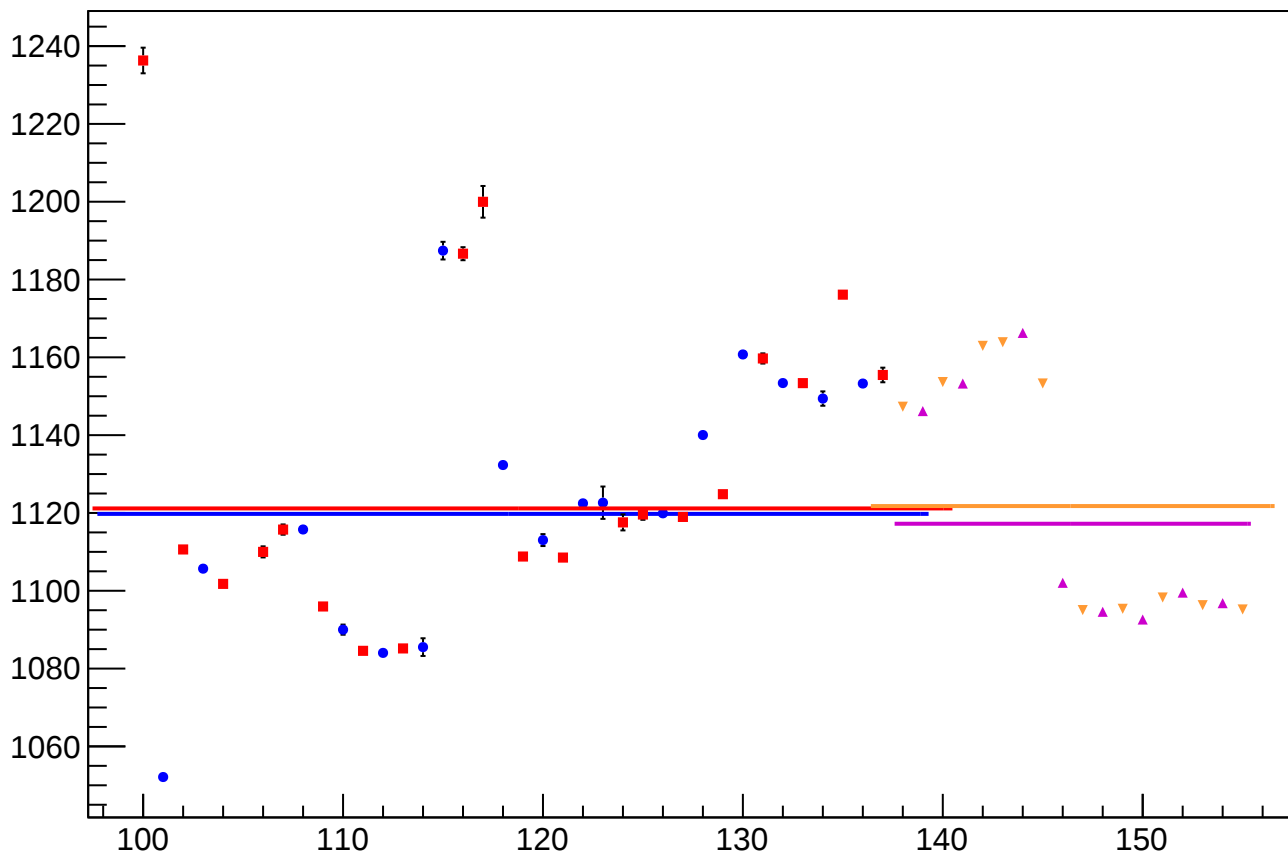
2484.341 $\pm$ 299.029 χ^2 /NDF: 23.3/26

Right Out: -1983.779 $\pm$ 418.059 χ^2 /NDF: 13.4/19

-2235.100 $\pm$ 301.464 χ^2 /NDF: 30.3/27

Left In: -2507.356 $\pm$ 435.122 χ^2 /NDF:16.2/7

reg_asym_usr_rms vs Slug



Right In: 1119.762+/-0.307 χ^2/NDF : 11876.8/16

Left Out: 1121.774+/-0.292 χ^2/NDF : 10322.5/9

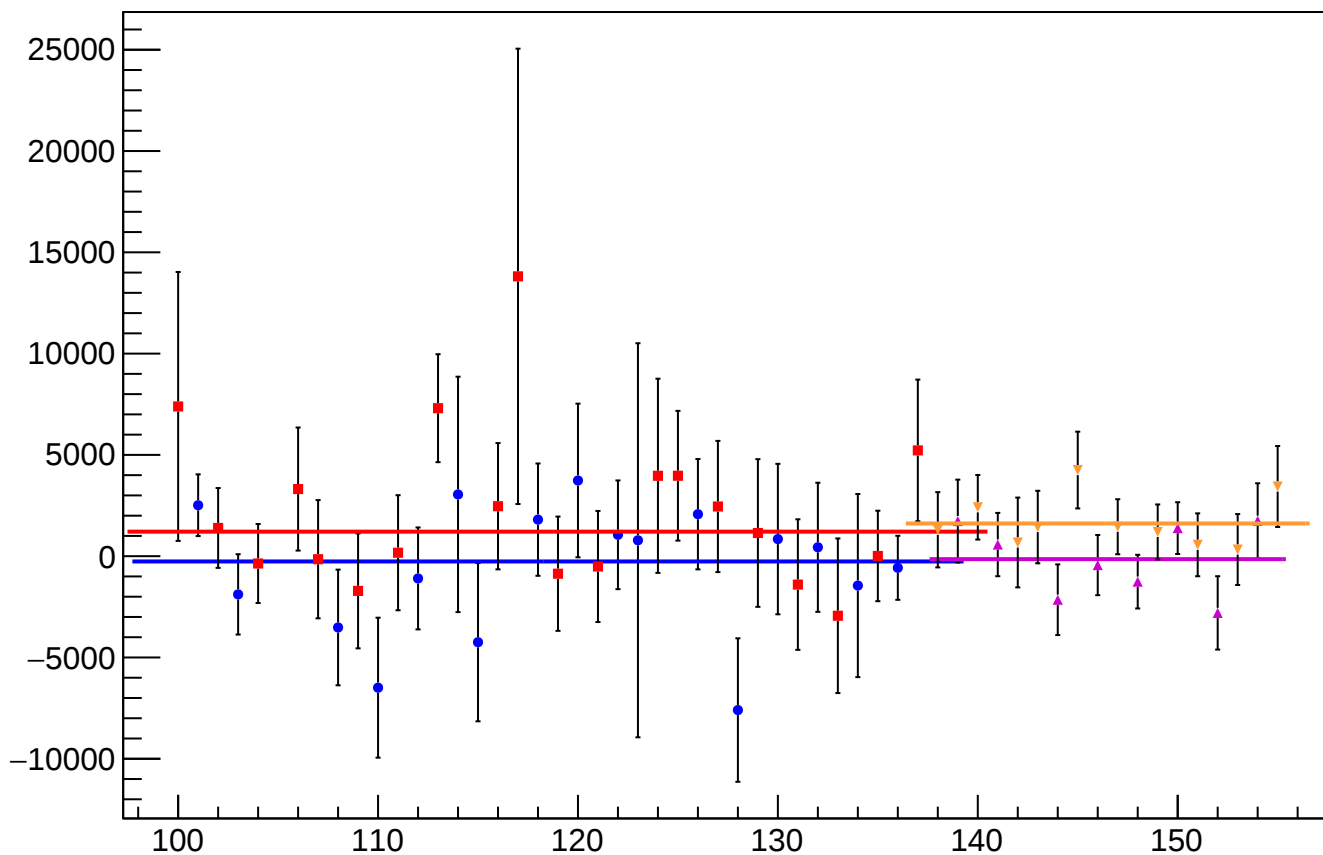
Right Out: 1121.164+/-0.296 χ^2/NDF : 10310.8/19

Left In: 1117.229+/-0.308 χ^2/NDF : 8511.2/7

1120.817+/-0.211 χ^2/NDF : 22222.0/26

1119.275+/-0.213 χ^2/NDF : 18907.0/27

asym_usr_correction_mean vs Slug



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

Left Out: 1614.741 ± 530.418 χ^2/NDF : 4.4/9

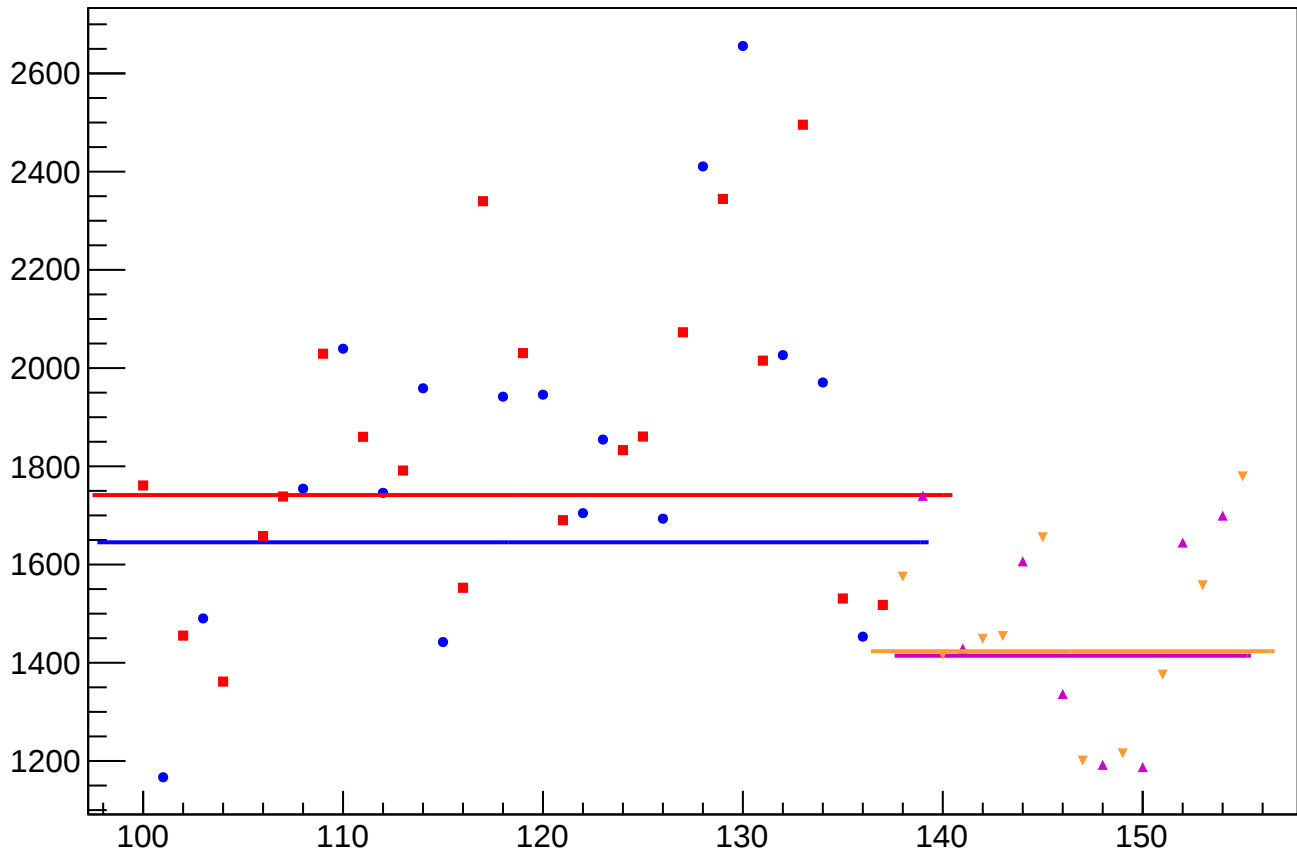
Right Out: 1211.378 ± 661.281 χ^2/NDF : 15.7/19

Left In: -146.170 ± 558.273 χ^2/NDF : 7.7/7

872.692 ± 412.278 χ^2/NDF : 26.5/26

418.753 ± 426.582 χ^2/NDF : 25.9/27

asym_usr_correction_rms vs Slug



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

Left Out: 1423.478+/-0.375 χ^2/NDF : 222074.8/9

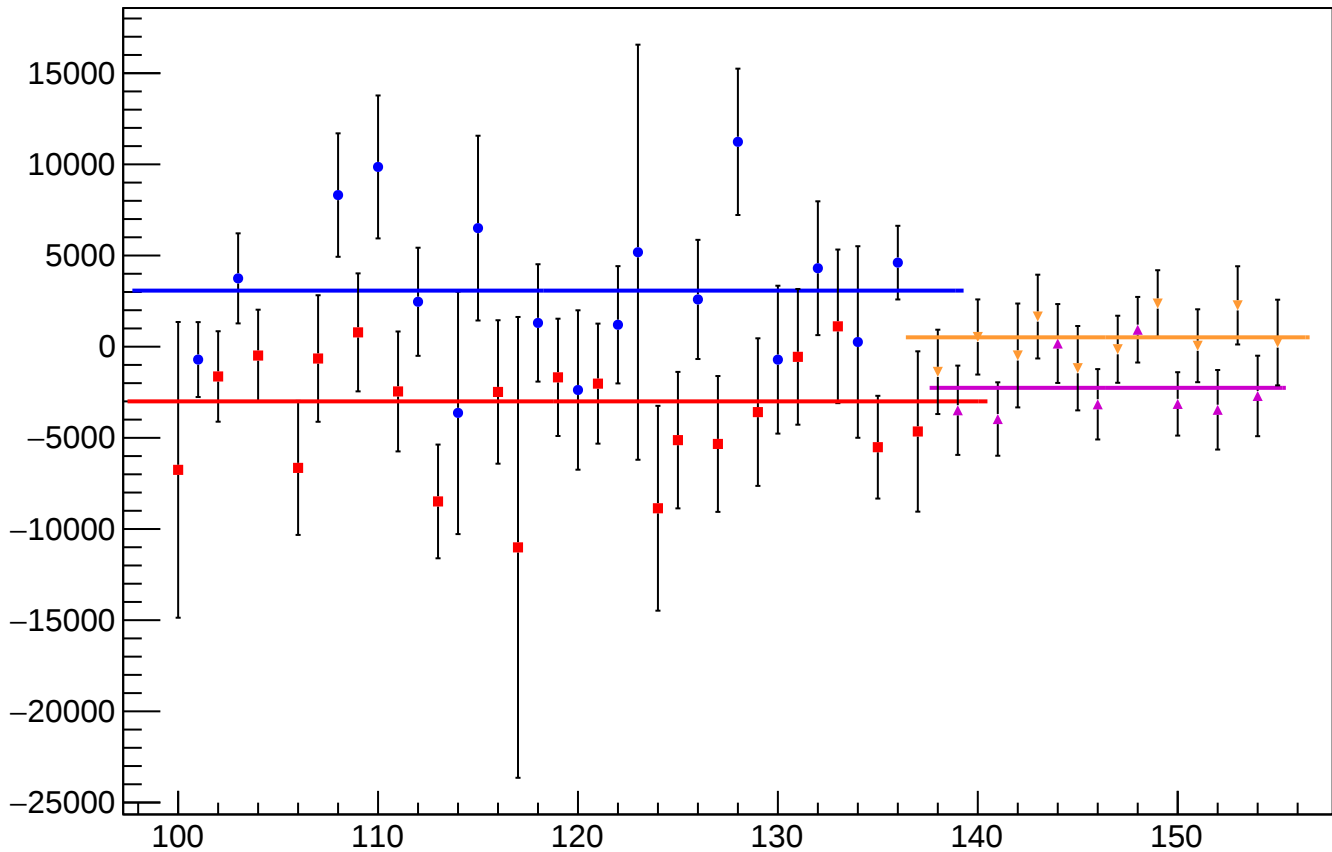
Right Out: 1741.460+/-0.468 χ^2/NDF : 376702.2/19

Left In: 1414.333+/-0.395 χ^2/NDF : 279687.9/7

1511.289+/-0.292 χ^2/NDF : 961461.8/26

1550.462+/-0.302 χ^2/NDF : 942151.6/27

asym_usr_mean vs Slug



Right In: 3075.401+/-802.249 χ^2/NDF : 18.6/16

Left Out: 513.286+/-679.618 χ^2/NDF : 3.5/9

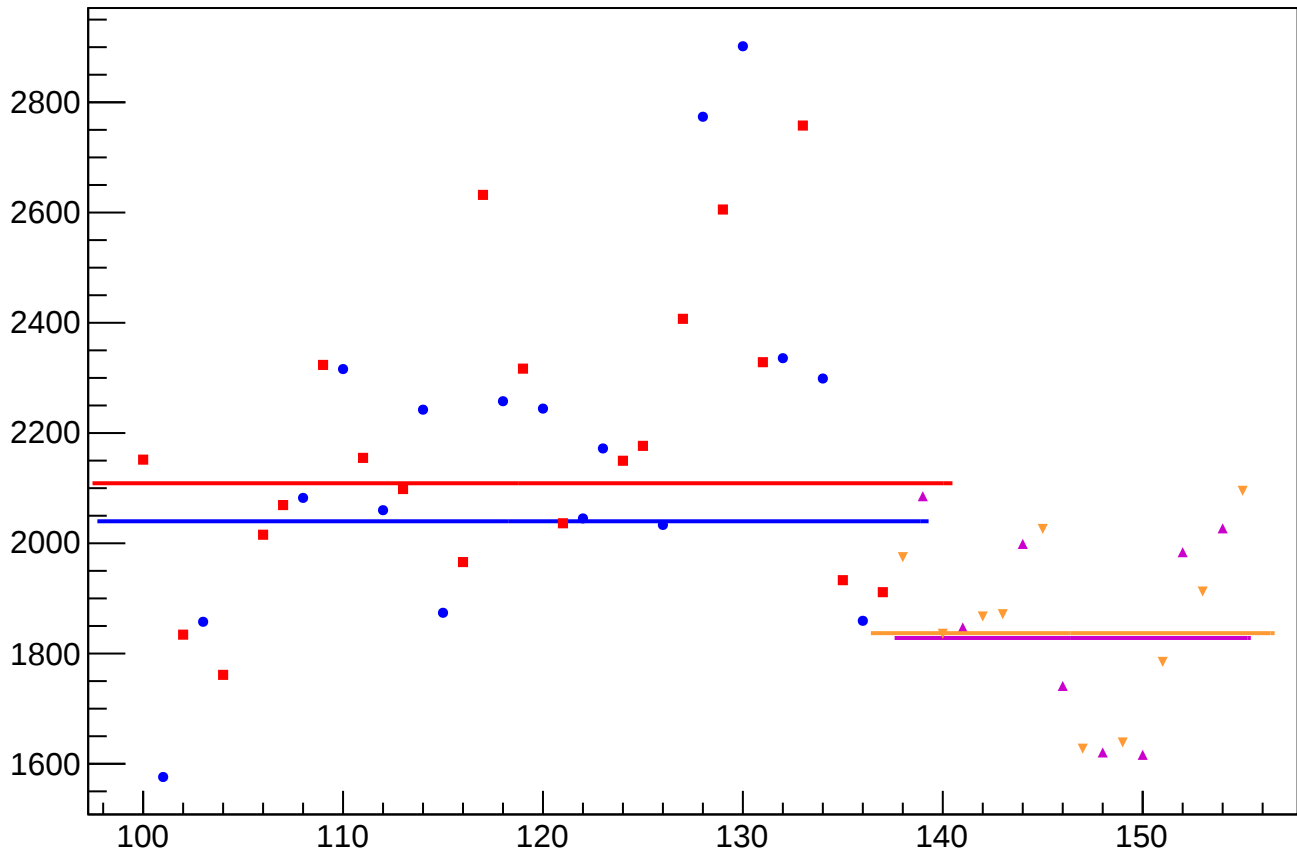
Right Out: -2999.277+/-794.066 χ^2/NDF : 12.3/19

Left In: -2257.263+/-715.976 χ^2/NDF : 6.2/7

1583.760+/-518.559 χ^2/NDF : 28.0/26

-2590.000+/-531.742 χ^2/NDF : 19.0/27

asym_usr_rms vs Slug



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

Left Out: 1836.973 $\pm$ 0.481 χ^2 /NDF:98620.5/9

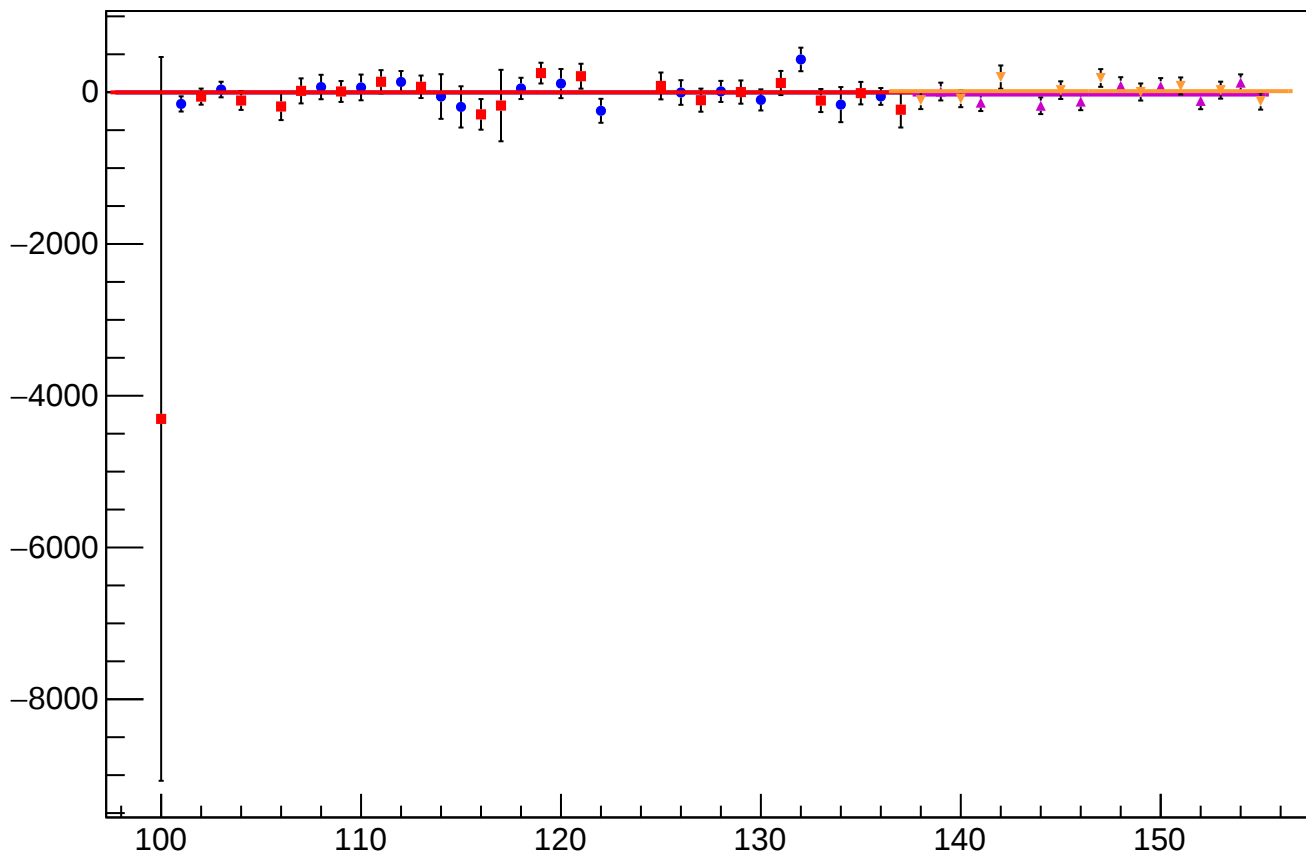
Right Out: 2108.906 $\pm$ 0.561 χ^2 /NDF: 198889.3/19

Left In: 1828.224 $\pm$ 0.506 χ^2 /NDF:121531.4/7

1921.775 $\pm$ 0.367 χ^2 /NDF: 505135.2/26

1954.088 $\pm$ 0.376 χ^2 /NDF: 458252.6/27

reg_asym_dsl_mean vs Slug



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

Left Out: 13.994 ± 38.891 χ^2/NDF : 7.3/8

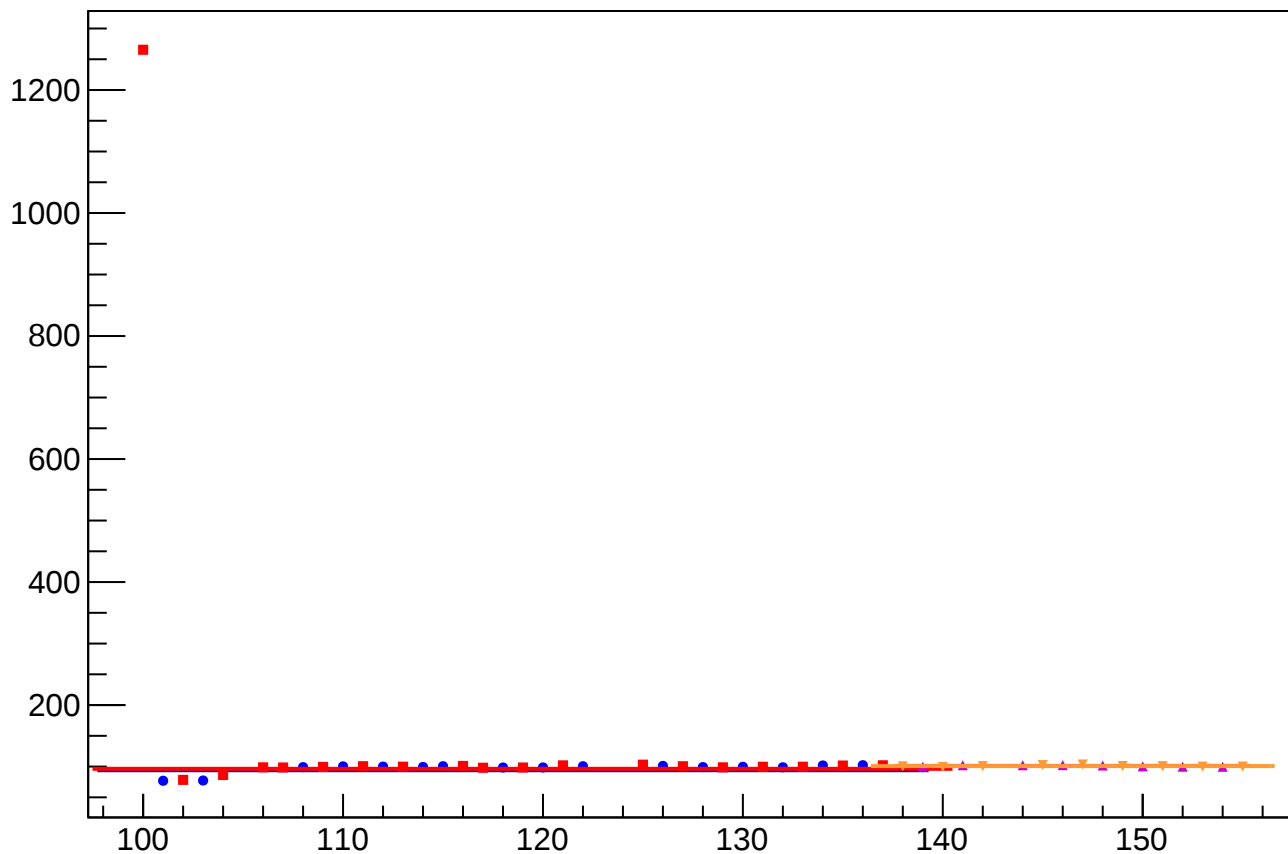
Right Out: -1.545 ± 36.588 χ^2/NDF : 14.1/18

Left In: -30.928 ± 39.342 χ^2/NDF : 8.2/7

4.859 ± 26.697 χ^2/NDF : 23.6/24

-15.173 ± 26.792 χ^2/NDF : 22.6/26

reg_asym_dsl_rms vs Slug



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

Left Out: 100.800+/-0.027 χ^2/NDF :1920.2/8

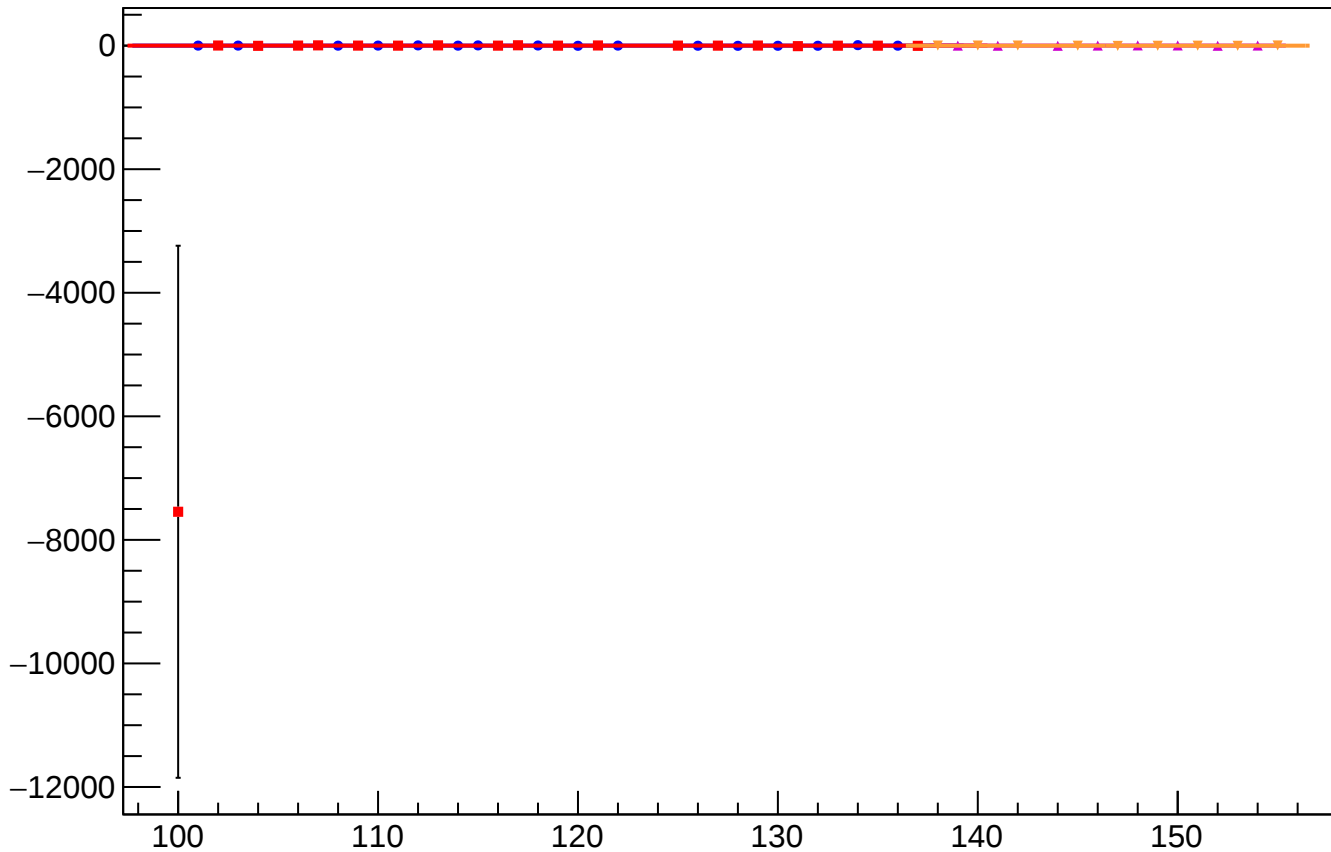
Right Out: 96.383+/-0.026 χ^2/NDF : 209255.3/18

Left In: 101.039+/-0.028 χ^2/NDF :1643.2/7

97.240+/-0.019 χ^2/NDF : 185889.4/24

98.542+/-0.019 χ^2/NDF : 225919.2/26

asym_dsl_correction_mean vs Slug



Right In: 0.426+/-0.616 χ^2/NDF : 9.7/15

Left Out: -0.440+/-0.664 χ^2/NDF : 10.8/8

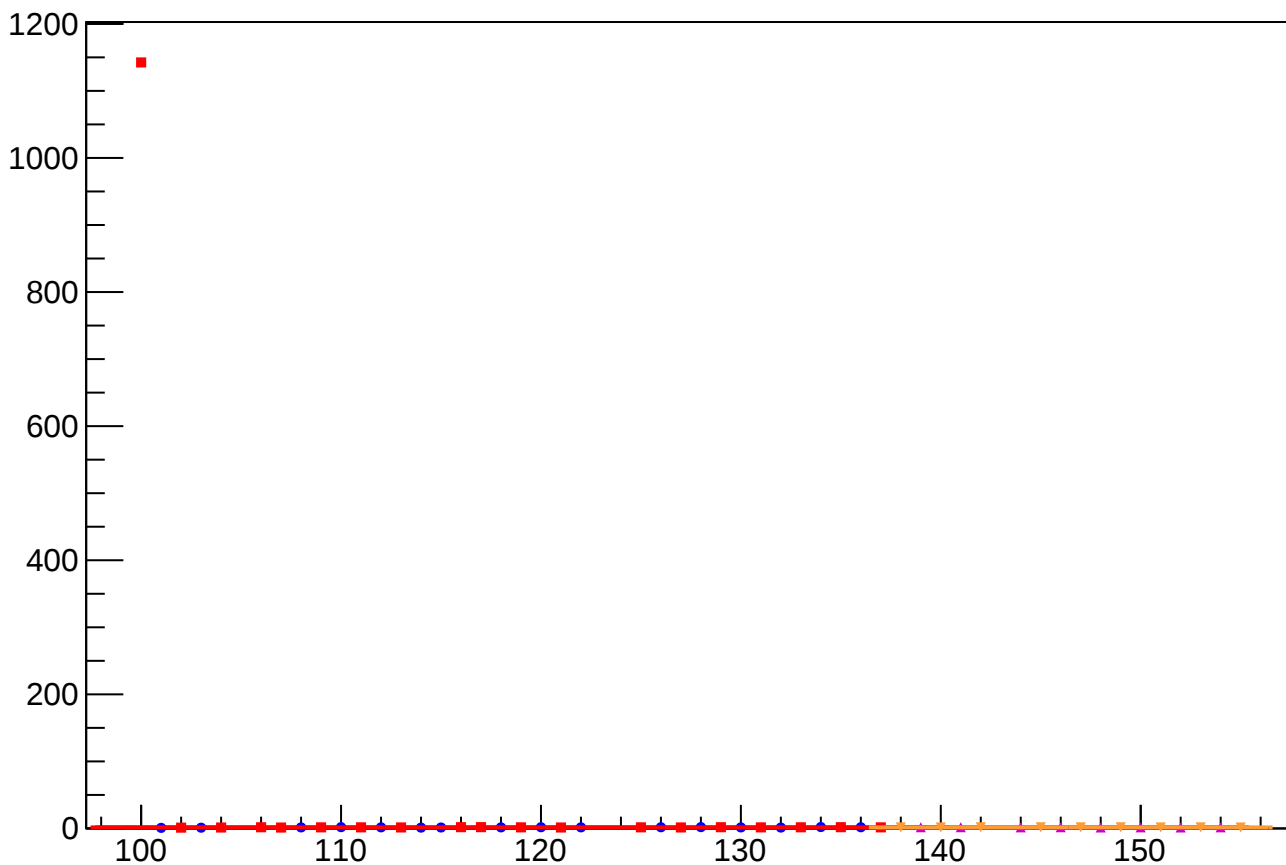
Right Out: 0.336+/-0.641 χ^2/NDF : 23.1/18

Left In: 0.849+/-0.709 χ^2/NDF : 9.5/7

0.026+/-0.452 χ^2/NDF : 21.4/24

0.567+/-0.476 χ^2/NDF : 32.8/26

asym_dsl_correction_rms vs Slug



Right In: 1.420+/-0.000 χ^2/NDF : 730935.2/15

Left Out: 1.582+/-0.000 χ^2/NDF : 42387.9/8

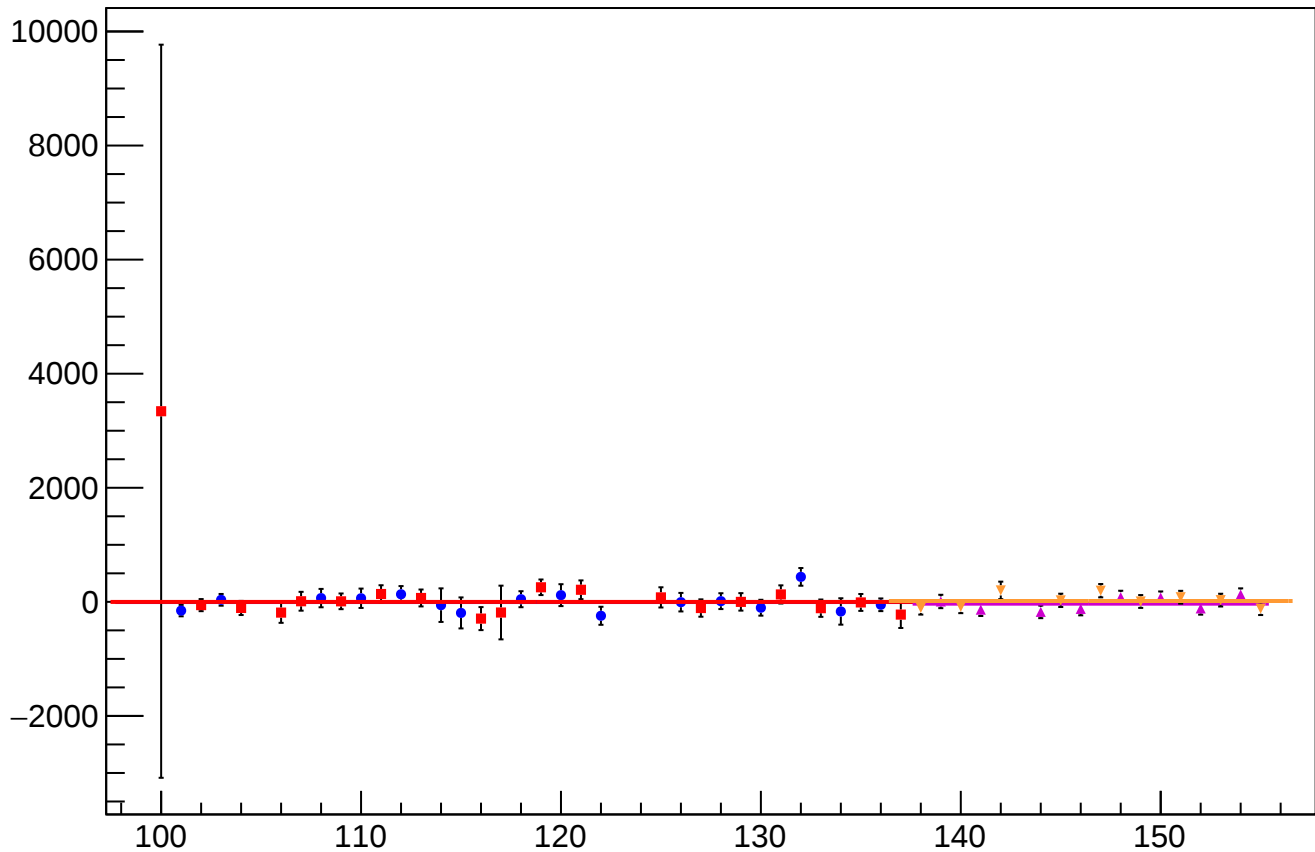
Right Out: 1.557+/-0.000 χ^2/NDF : 318750.9/18

Left In: 1.691+/-0.001 χ^2/NDF : 72204.1/7

1.495+/-0.000 χ^2/NDF : 837812.1/24

1.617+/-0.000 χ^2/NDF : 429982.7/26

asym_dsl_mean vs Slug



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

Left Out: 14.939+/-38.901 χ^2/NDF : 7.6/8

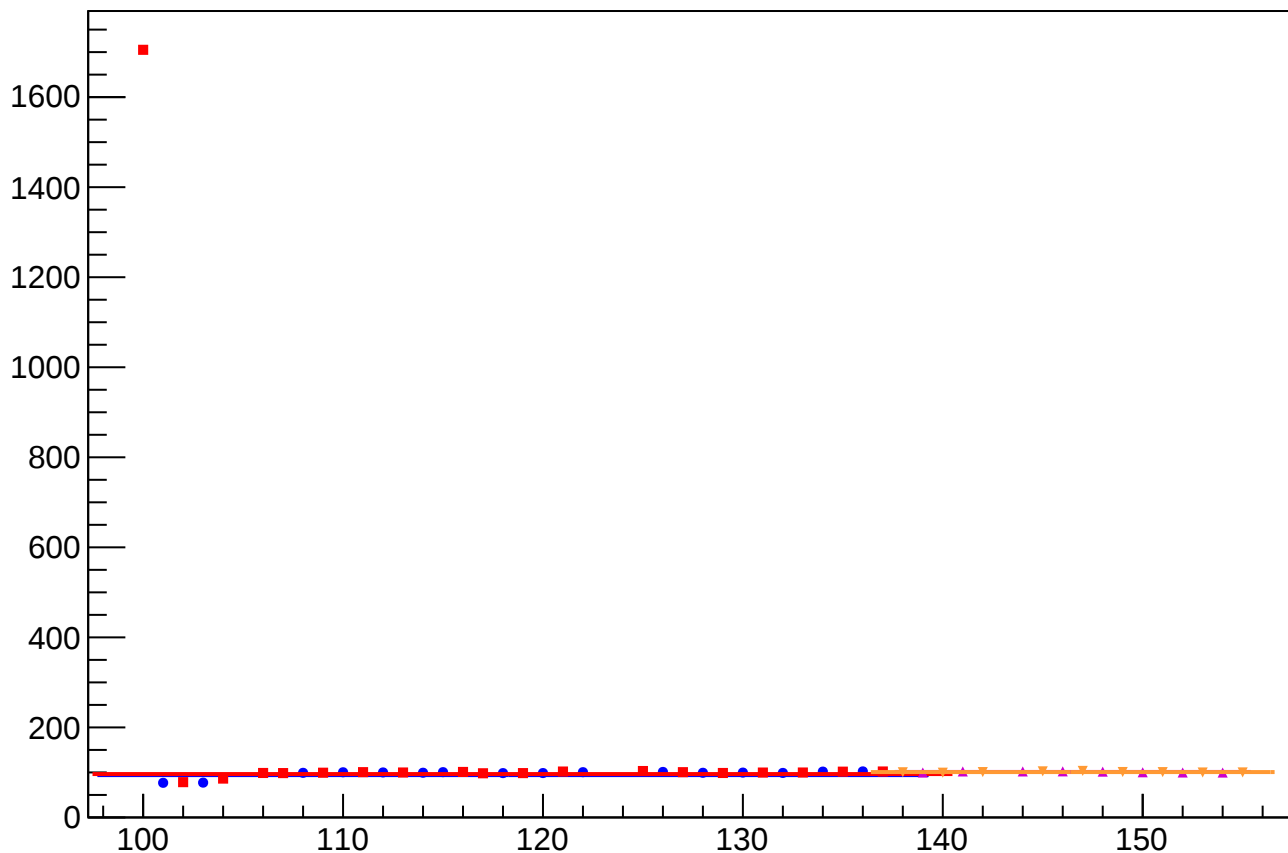
Right Out: -1.300+/-36.598 χ^2/NDF : 13.7/18

Left In: -31.671+/-39.352 χ^2/NDF : 8.1/7

5.401+/-26.704 χ^2/NDF : 24.0/24

-15.386+/-26.799 χ^2/NDF : 22.1/26

asym_dsl_rms vs Slug



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

Left Out: 100.826+/-0.028 χ^2/NDF : 1919.5/8

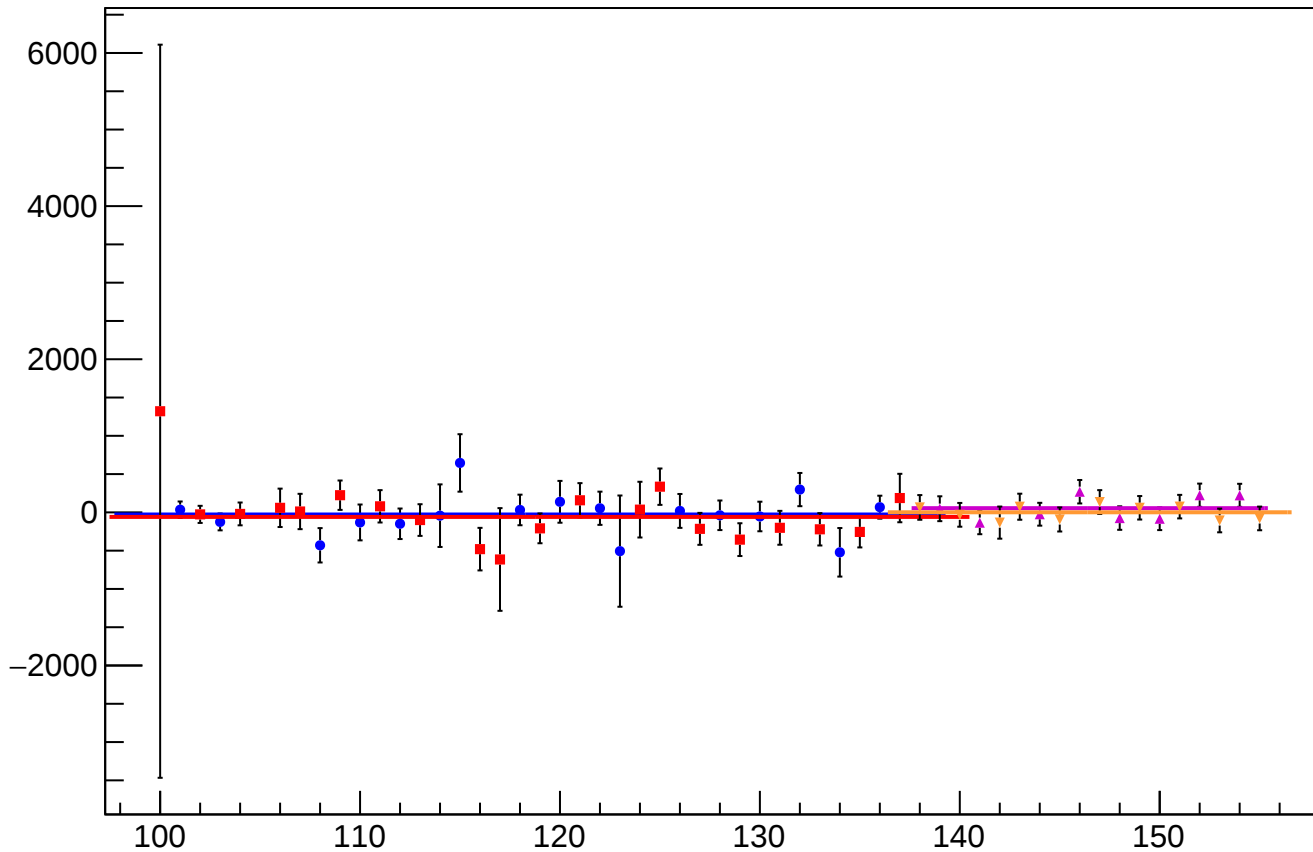
Right Out: 96.391+/-0.026 χ^2/NDF : 214389.8/18

Left In: 101.066+/-0.028 χ^2/NDF : 1643.2/7

97.265+/-0.019 χ^2/NDF : 185907.4/24

98.559+/-0.019 χ^2/NDF : 231163.2/26

reg_asym_dsr_mean vs Slug



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

Left Out: 1.155 ± 50.796 χ^2/NDF : 3.0/9

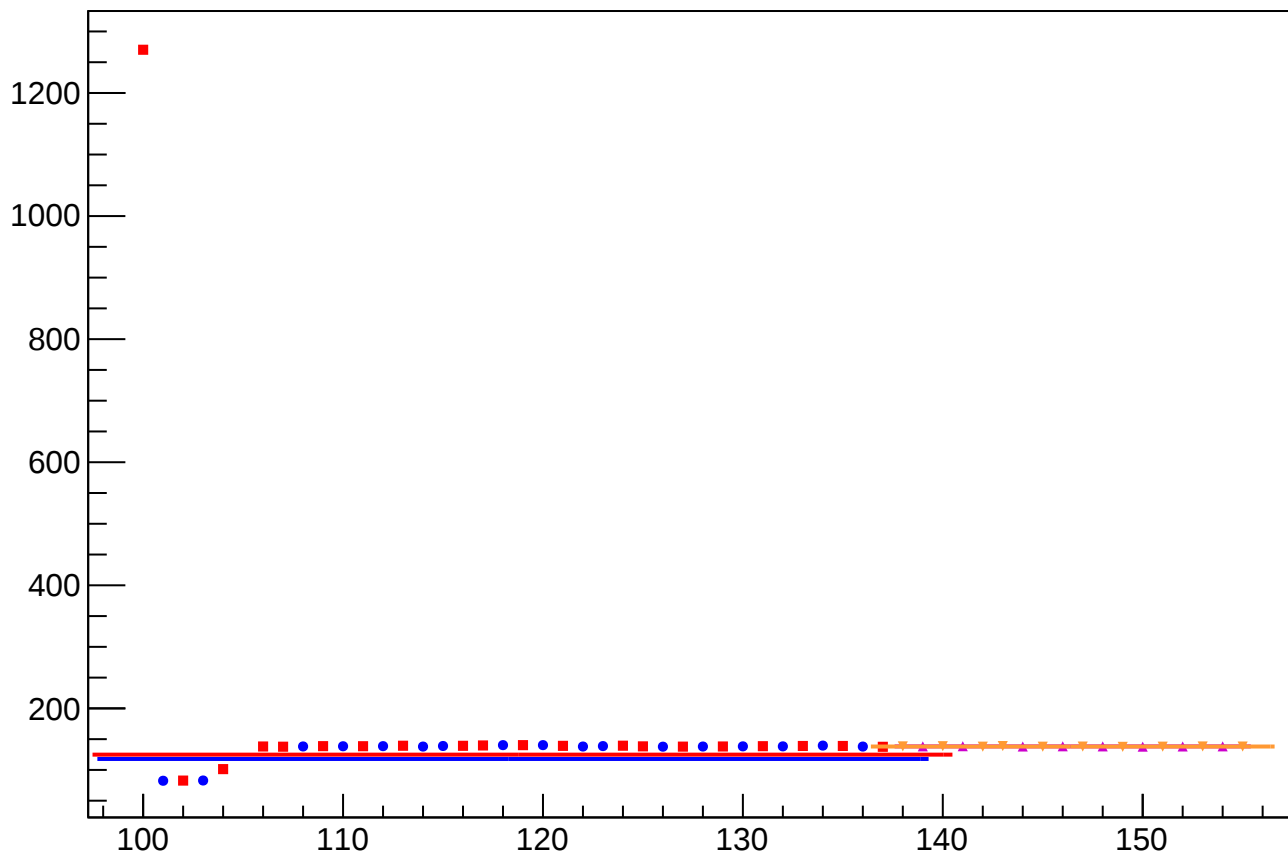
Right Out: -59.211 ± 47.588 χ^2/NDF : 15.6/19

Left In: 54.857 ± 53.827 χ^2/NDF : 7.9/7

-14.535 ± 34.409 χ^2/NDF : 17.5/26

-9.168 ± 35.653 χ^2/NDF : 26.0/27

reg_asym_dsr_rms vs Slug



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

Left Out: 138.032 $\pm$ 0.036 χ^2 /NDF: 98.5/9

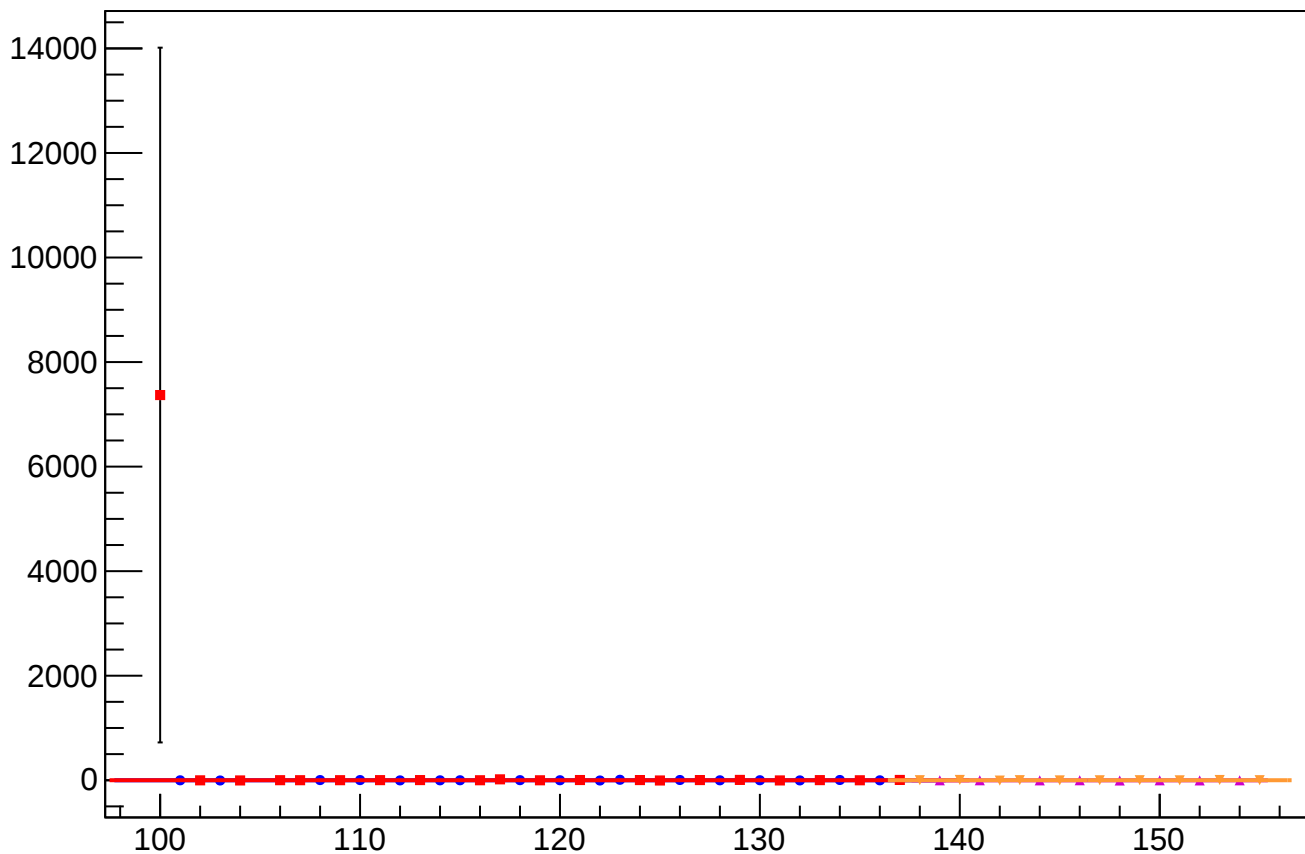
Right Out: 124.839 $\pm$ 0.034 χ^2 /NDF: 570766.0/19

Left In: 138.245 $\pm$ 0.038 χ^2 /NDF: 28.3/7

127.092 $\pm$ 0.024 χ^2 /NDF: 838117.9/26

130.720 $\pm$ 0.025 χ^2 /NDF: 640427.6/27

asym_dsr_correction_mean vs Slug



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

Left Out: 0.513 ± 0.856 χ^2/NDF : 11.8/9

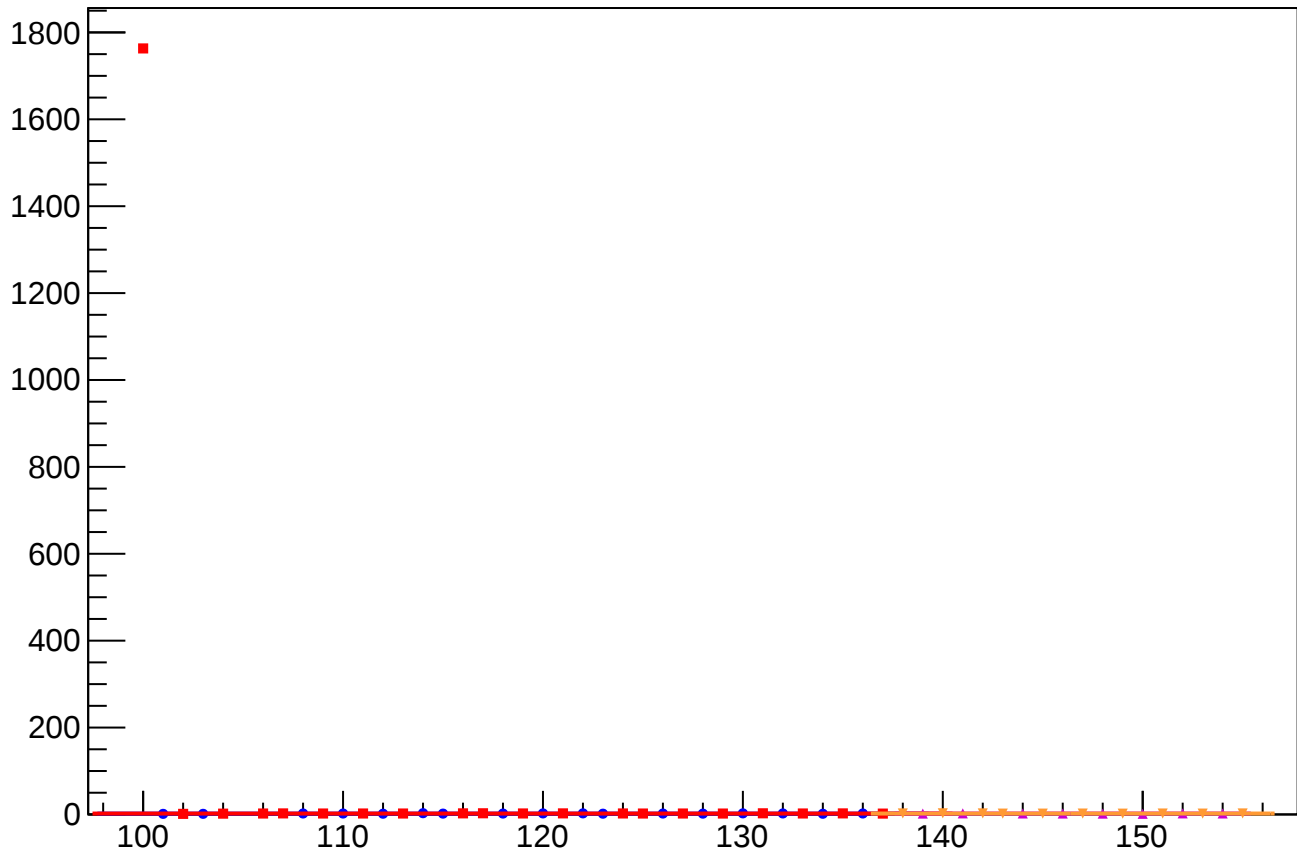
Right Out: 0.719 ± 0.849 χ^2/NDF : 15.3/19

Left In: -1.481 ± 0.908 χ^2/NDF : 2.5/7

-0.125 ± 0.588 χ^2/NDF : 25.5/26

-0.307 ± 0.620 χ^2/NDF : 21.0/27

asym_dsr_correction_rms vs Slug



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

Left Out: 2.116 $\pm$ 0.001 χ^2 /NDF: 153218.5/9

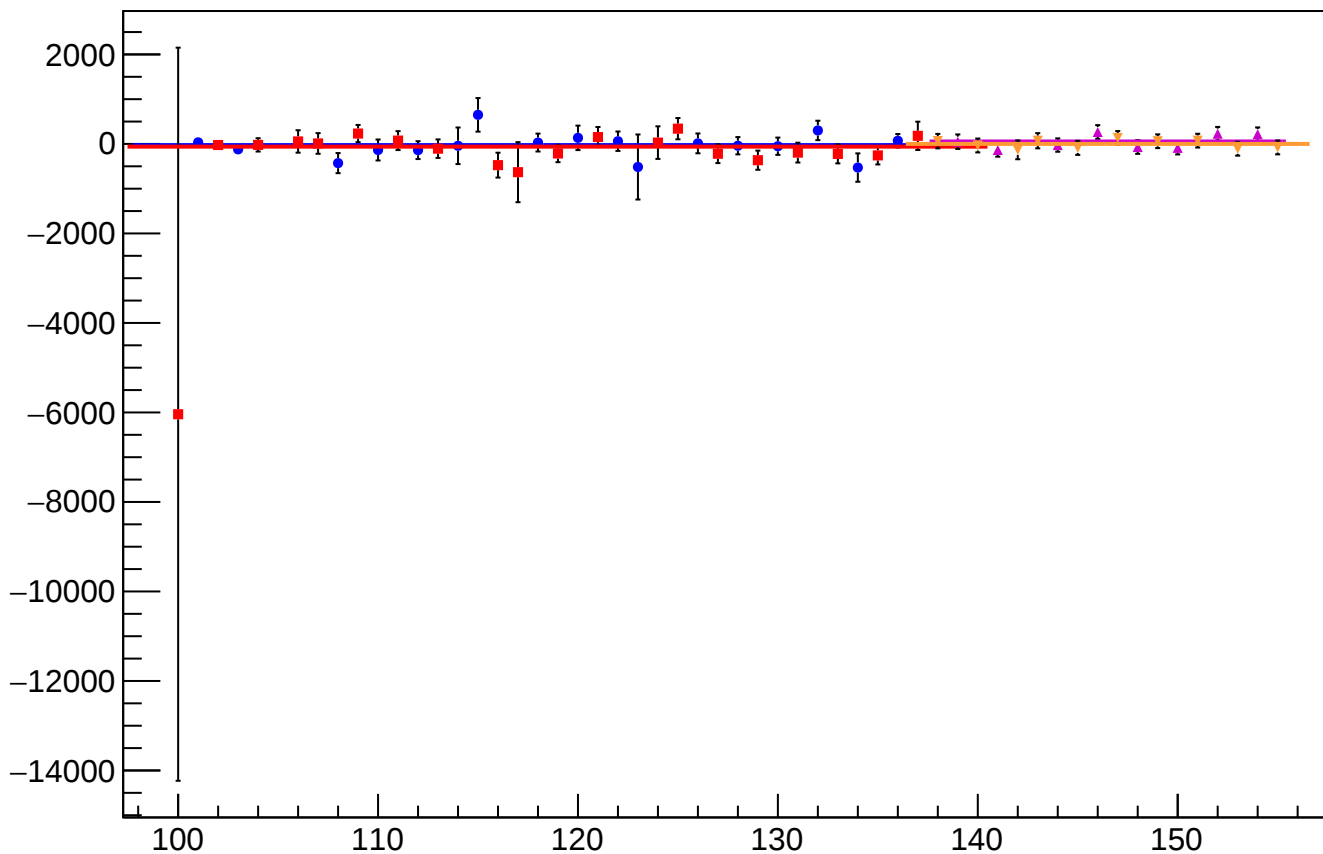
Right Out: 2.068 $\pm$ 0.001 χ^2 /NDF: 530286.7/19

Left In: 2.083 $\pm$ 0.001 χ^2 /NDF: 259055.8/7

1.986 $\pm$ 0.000 χ^2 /NDF: 734116.9/26

2.075 $\pm$ 0.000 χ^2 /NDF: 789652.4/27

asym_dsr_mean vs Slug



Right In: -26.258 $\pm$ 46.789 χ^2 /NDF: 14.4/16

Left Out: 0.587 $\pm$ 50.809 χ^2 /NDF: 2.9/9

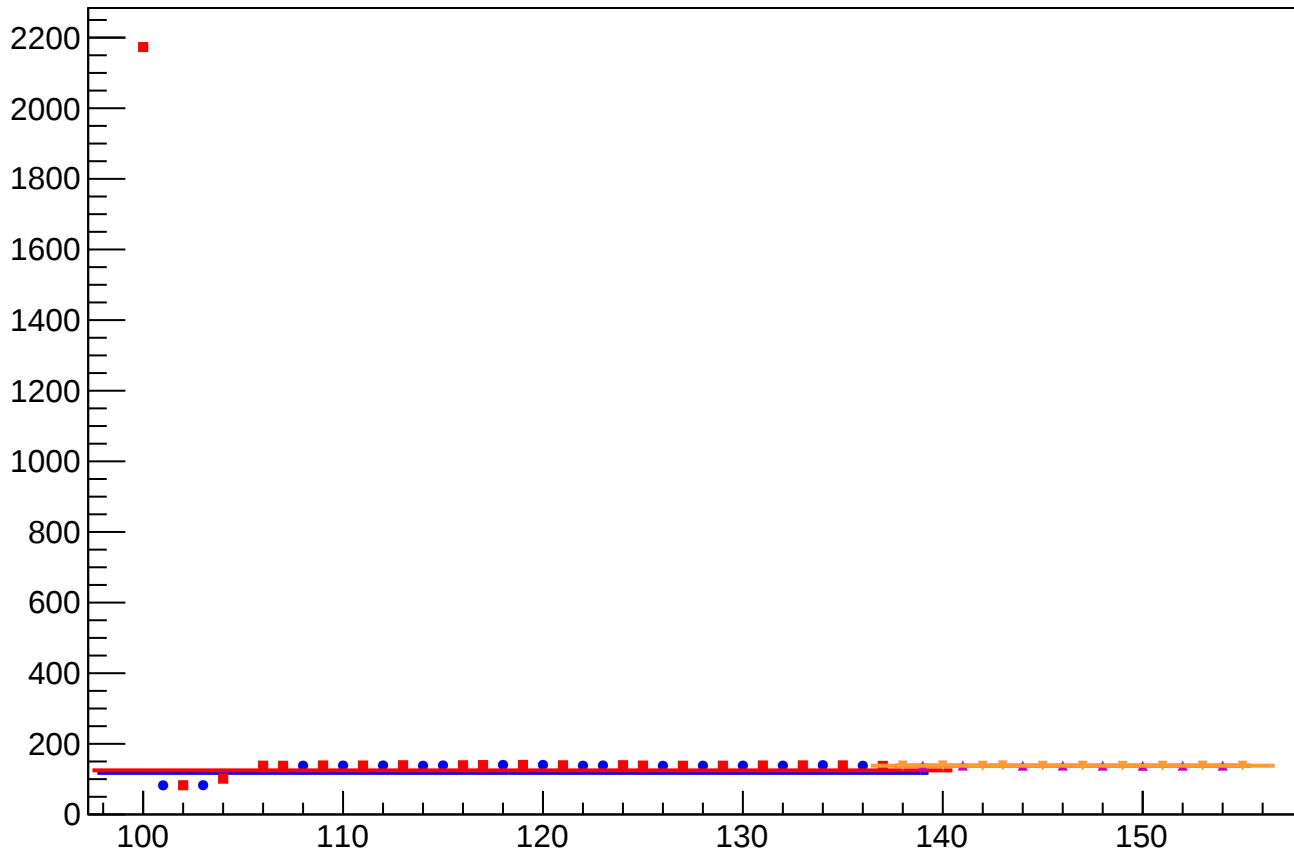
Right Out: -60.159 $\pm$ 47.602 χ^2 /NDF: 16.2/19

Left In: 54.835 $\pm$ 53.842 χ^2 /NDF: 7.8/7

-13.939 $\pm$ 34.419 χ^2 /NDF: 17.4/26

-9.708 $\pm$ 35.663 χ^2 /NDF: 26.6/27

asym_dsr_rms vs Slug



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

Left Out: 138.068+/-0.036 χ^2/NDF : 98.5/9

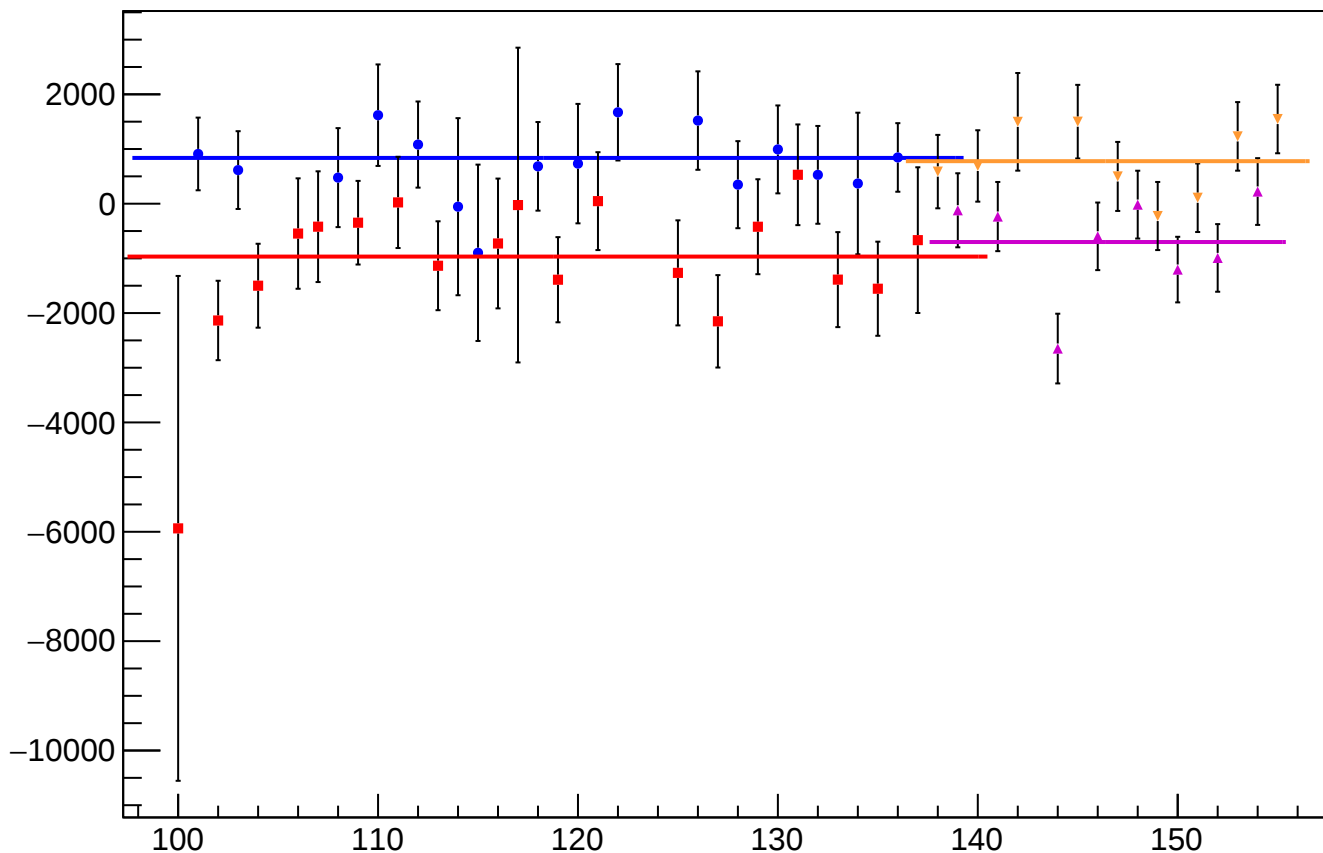
127.126+/-0.024 χ^2/NDF : 838137.6/26

Right Out: 124.828+/-0.034 χ^2/NDF : 581349.7/19

130.731+/-0.025 χ^2/NDF : 651466.8/27

Left In: 138.282+/-0.038 χ^2/NDF : 28.3/7

reg_asym_left_avg_mean vs Slug



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

Left Out: 777.593 ± 219.521 χ^2/NDF : 7.9/8

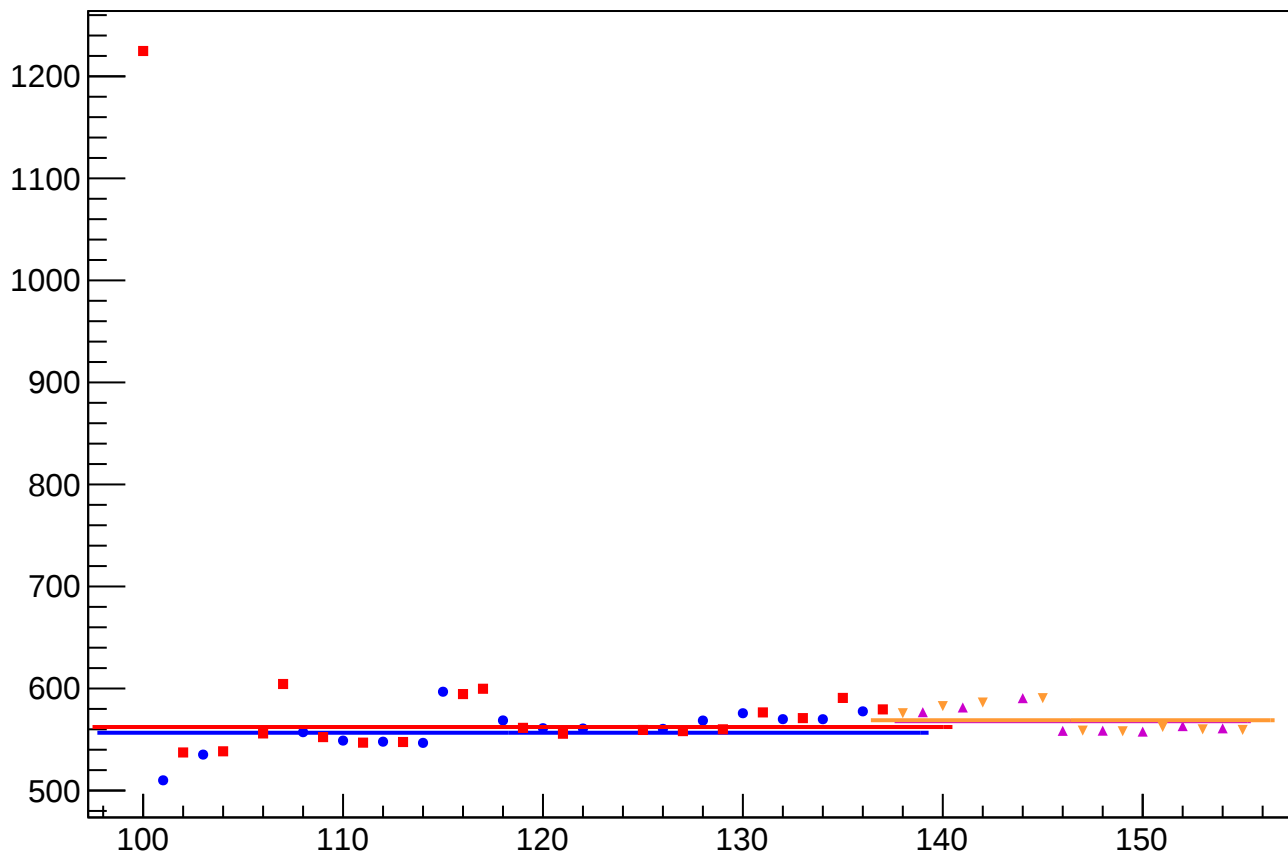
Right Out: -967.277 ± 212.168 χ^2/NDF : 14.4/18

Left In: -700.889 ± 221.178 χ^2/NDF : 15.1/7

807.776 ± 154.030 χ^2/NDF : 12.6/24

-839.620 ± 153.112 χ^2/NDF : 30.2/26

reg_asym_left_avg_rms vs Slug



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

Left Out: 568.892+/-0.155 χ^2/NDF : 6140.2/8

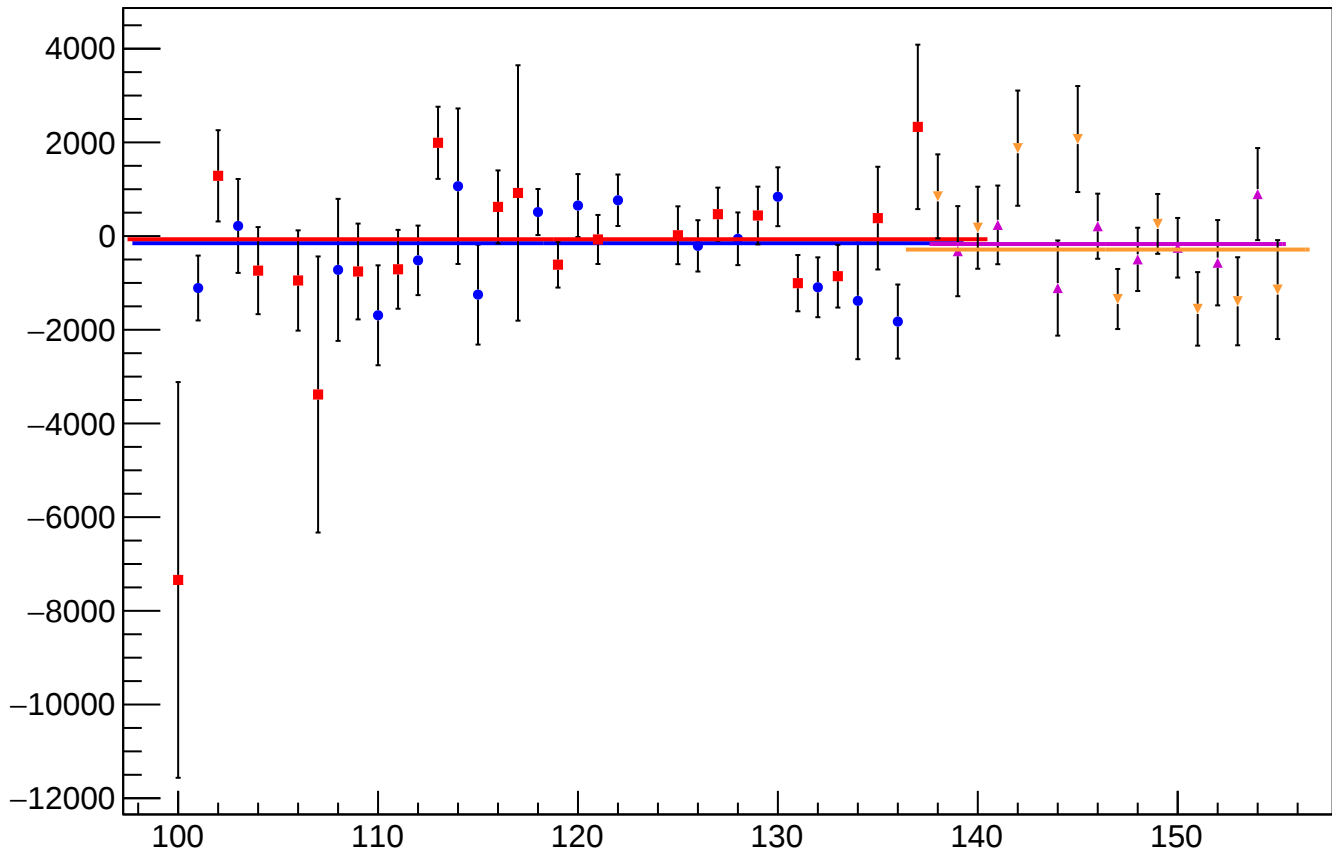
Right Out: 562.253+/-0.150 χ^2/NDF : 55916.7/18

Left In: 567.963+/-0.156 χ^2/NDF : 5632.5/7

562.671+/-0.109 χ^2/NDF : 27696.1/24

564.989+/-0.108 χ^2/NDF : 62243.5/26

asym_left_avg_correction_mean vs Slug



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

Left Out: -287.851 ± 282.596 χ^2/NDF : 17.4/8

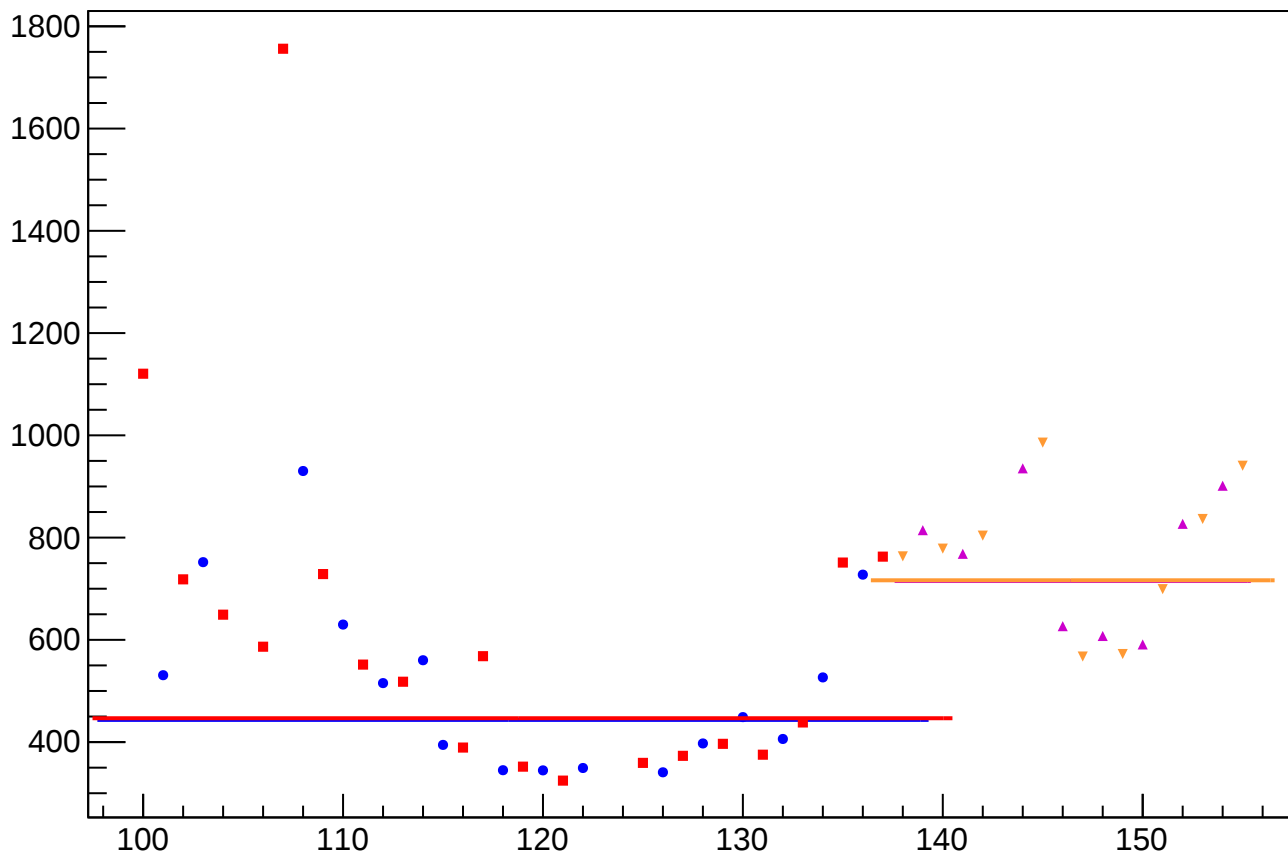
Right Out: -67.516 ± 178.283 χ^2/NDF : 25.1/18

Left In: -169.609 ± 283.522 χ^2/NDF : 3.0/7

-191.145 ± 151.865 χ^2/NDF : 39.9/24

-96.446 ± 150.924 χ^2/NDF : 28.3/26

asym_left_avg_correction_rms vs Slug



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

Left Out: 716.475+/-0.200 χ^2/NDF : 472472.0/8

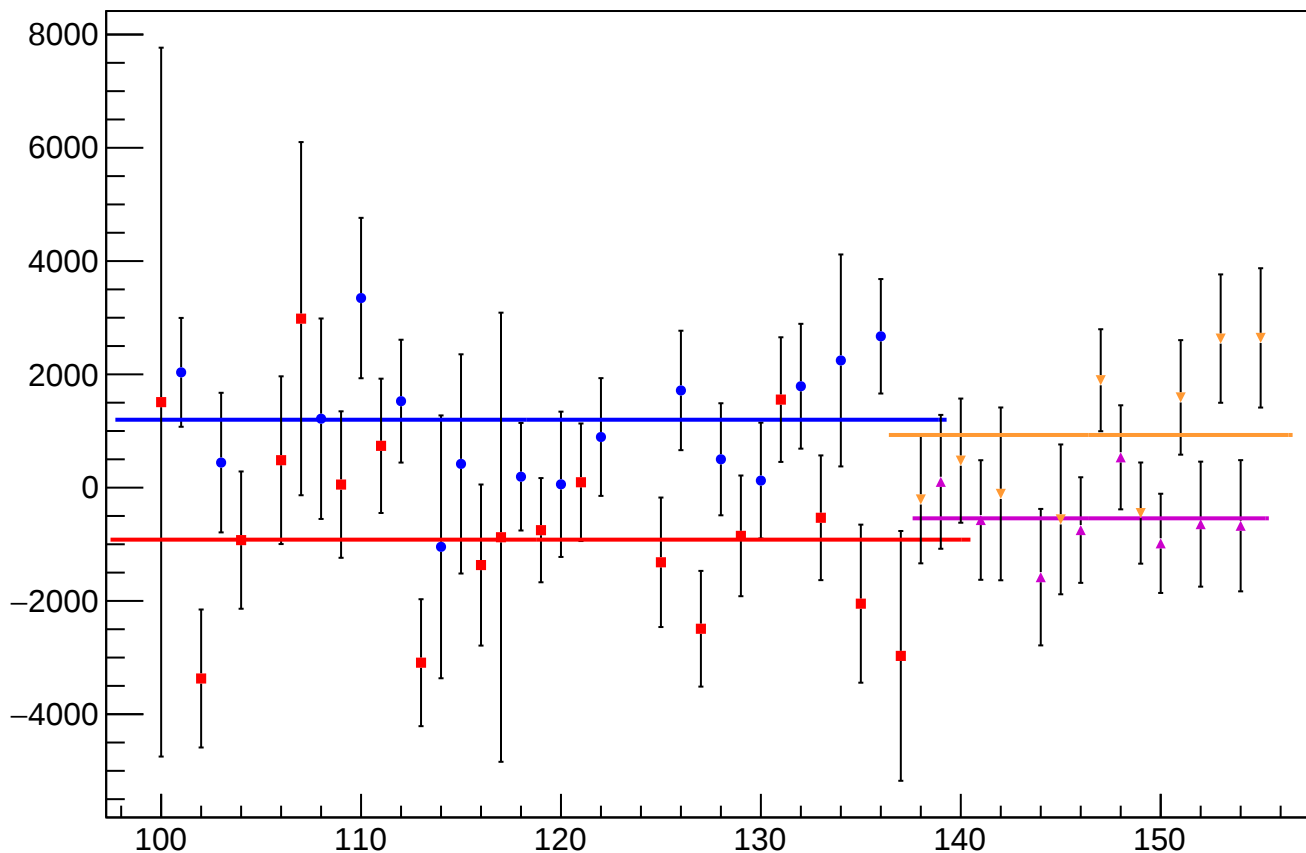
Right Out: 446.668+/-0.126 χ^2/NDF : 1463968.9/18

Left In: 715.068+/-0.200 χ^2/NDF : 384615.8/7

522.298+/-0.107 χ^2/NDF : 2861097.7/24

522.723+/-0.107 χ^2/NDF : 3133048.3/26

asym_left_avg_mean vs Slug



Right In: 1198.972 ± 295.243 χ^2/NDF : 11.2/15

Left Out: 929.883 ± 364.541 χ^2/NDF : 11.1/8

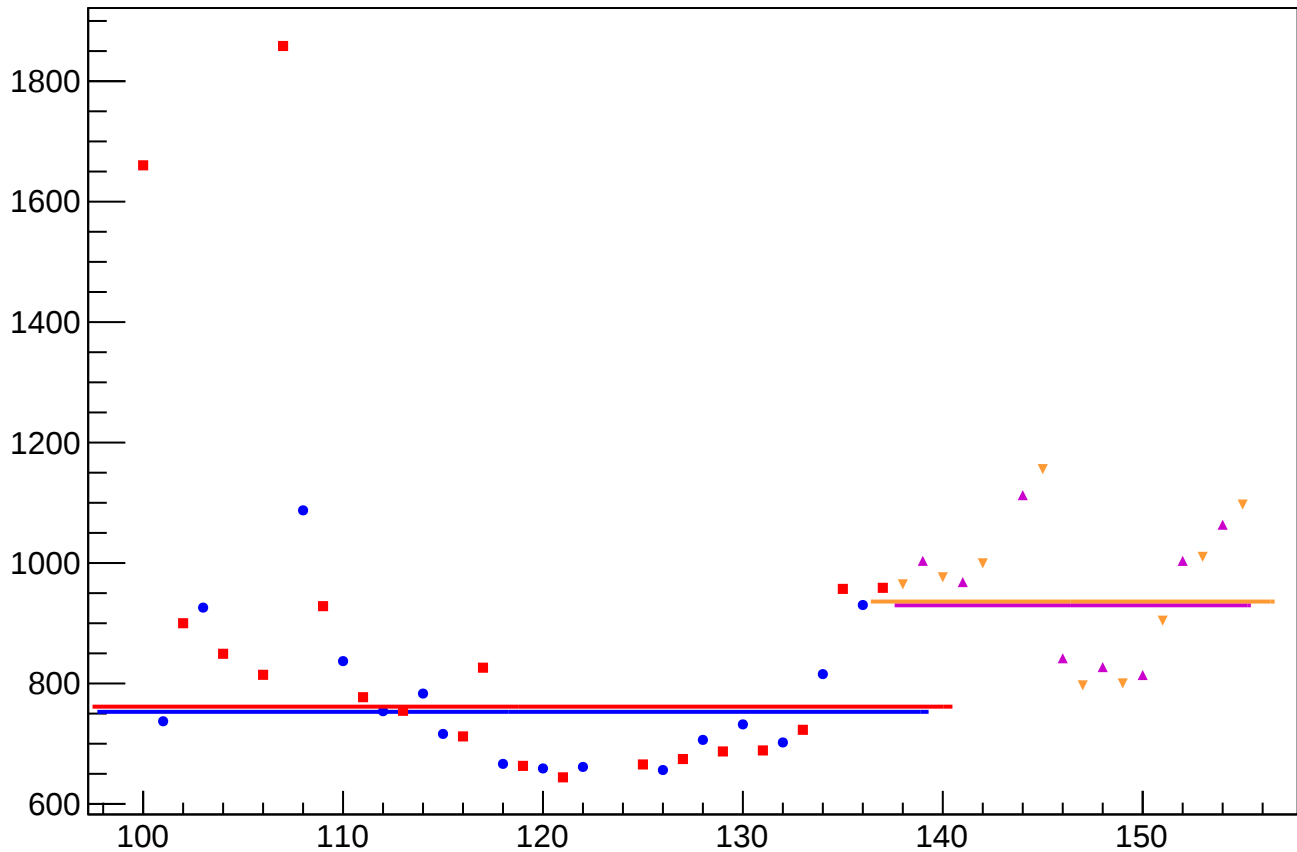
Right Out: -918.180 ± 292.495 χ^2/NDF : 23.2/18

Left In: -541.808 ± 364.932 χ^2/NDF : 2.7/7

1092.382 ± 229.433 χ^2/NDF : 22.6/24

-770.966 ± 228.233 χ^2/NDF : 26.6/26

asym_left_avg_rms vs Slug



Right In: 752.937+/-0.209 χ^2/NDF : 252526.4/15

Left Out: 936.025+/-0.258 χ^2/NDF : 201686.0/8

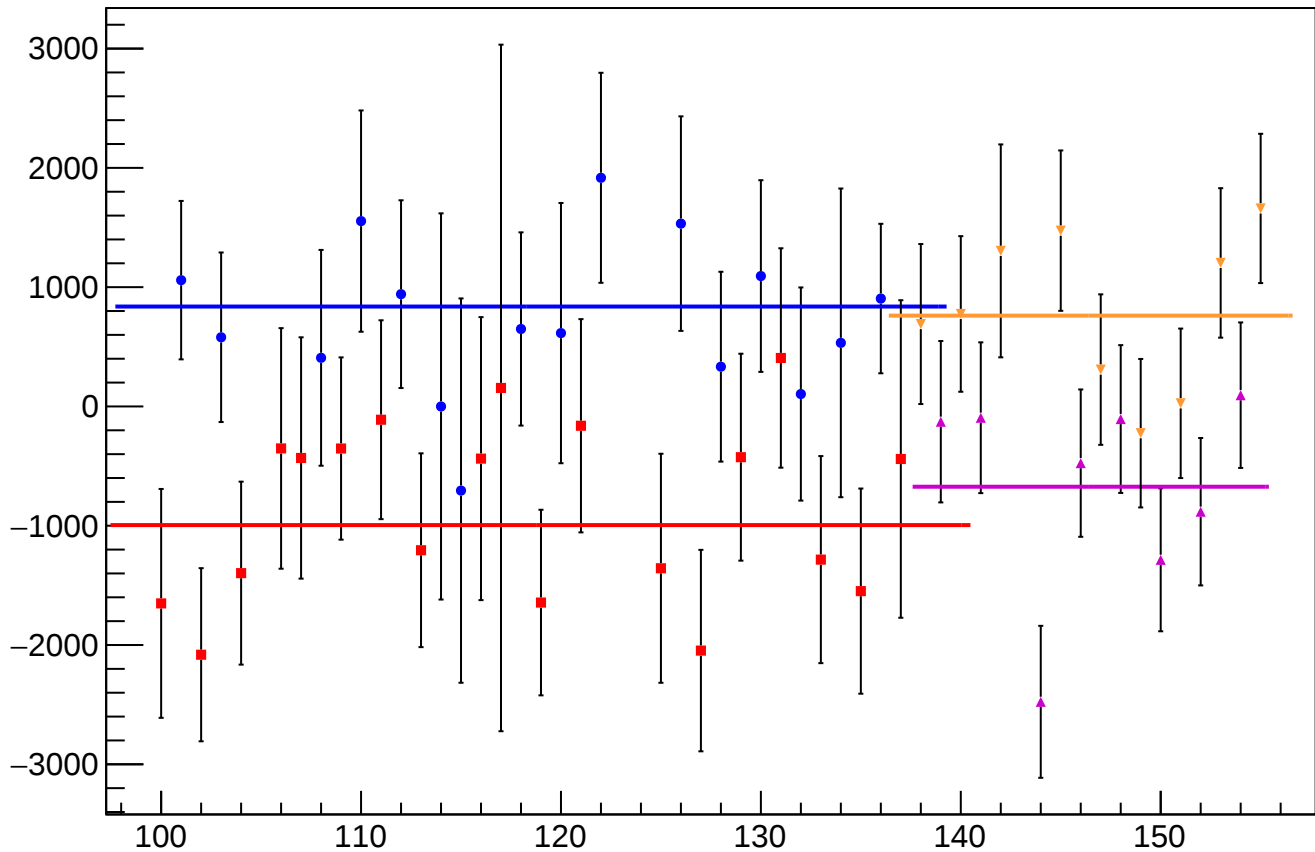
Right Out: 761.514+/-0.207 χ^2/NDF : 517672.2/18

Left In: 929.821+/-0.258 χ^2/NDF : 169899.9/7

825.461+/-0.162 χ^2/NDF : 758868.0/24

827.345+/-0.161 χ^2/NDF : 946586.9/26

reg_asym_left_dd_mean vs Slug



Right In: 837.557 ± 216.015 χ^2/NDF : 5.7/15

Left Out: 761.417 ± 219.345 χ^2/NDF : 8.5/8

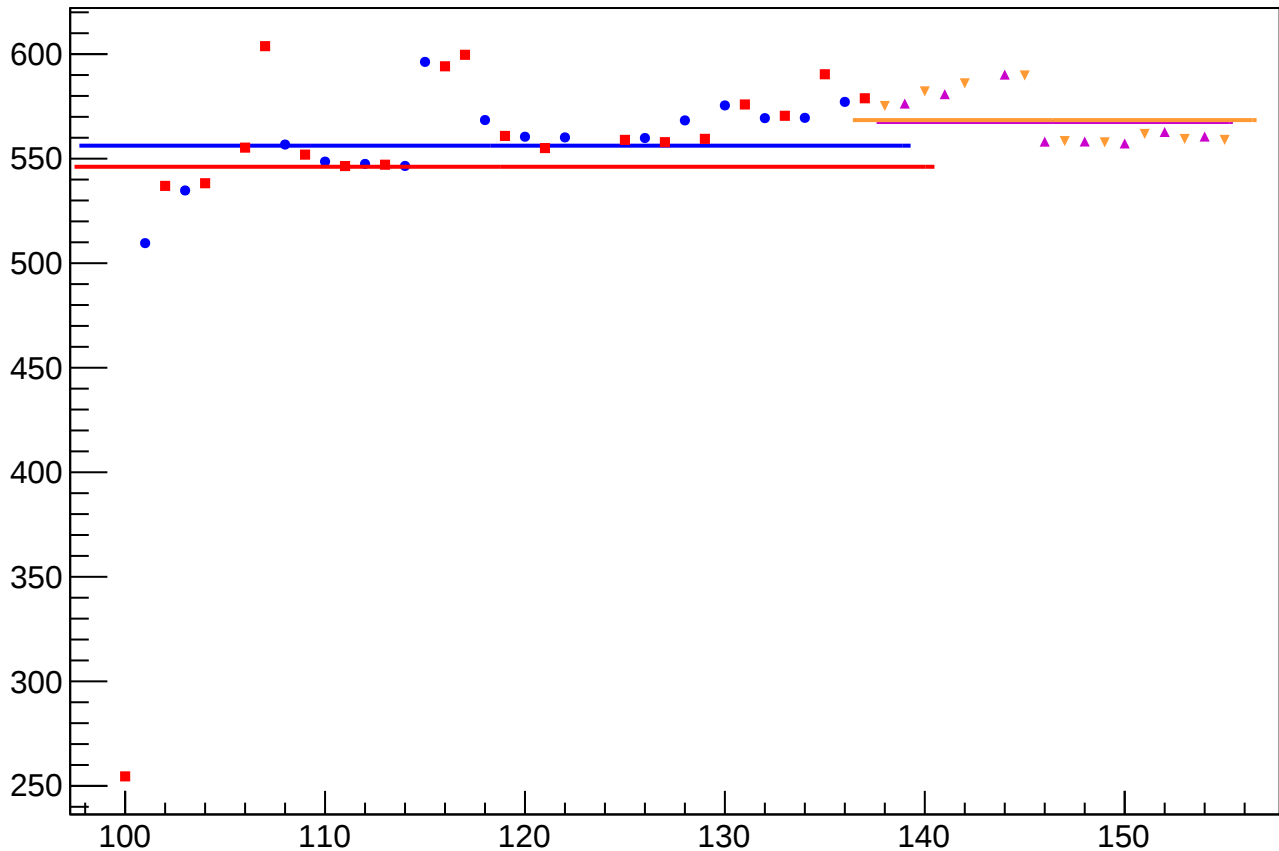
Right Out: -994.626 ± 207.208 χ^2/NDF : 12.7/18

Left In: -672.987 ± 221.010 χ^2/NDF : 13.2/7

800.069 ± 153.910 χ^2/NDF : 14.2/24

-844.163 ± 151.162 χ^2/NDF : 27.0/26

reg_asym_left_dd_rms vs Slug



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

Left Out: 568.437 $\pm$ 0.155 χ^2 /NDF: 6069.1/8

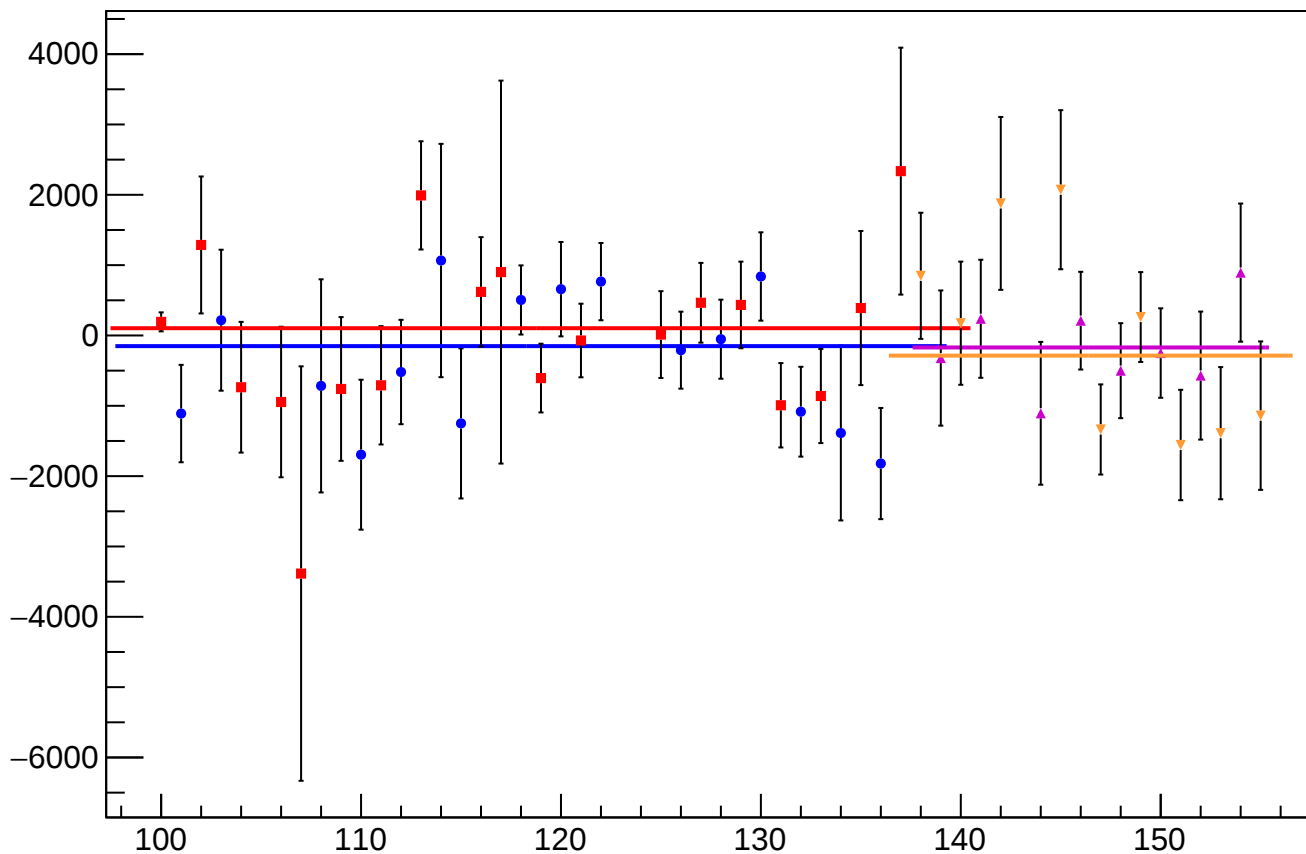
Right Out: 546.124 $\pm$ 0.147 χ^2 /NDF: 208336.6/18

Left In: 567.532 $\pm$ 0.156 χ^2 /NDF: 5641.3/7

562.230 $\pm$ 0.109 χ^2 /NDF: 27641.1/24

556.139 $\pm$ 0.107 χ^2 /NDF: 223965.5/26

asym_left_dd_correction_mean vs Slug



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

Left Out: -286.512+/-282.464 χ^2/NDF :17.4/8

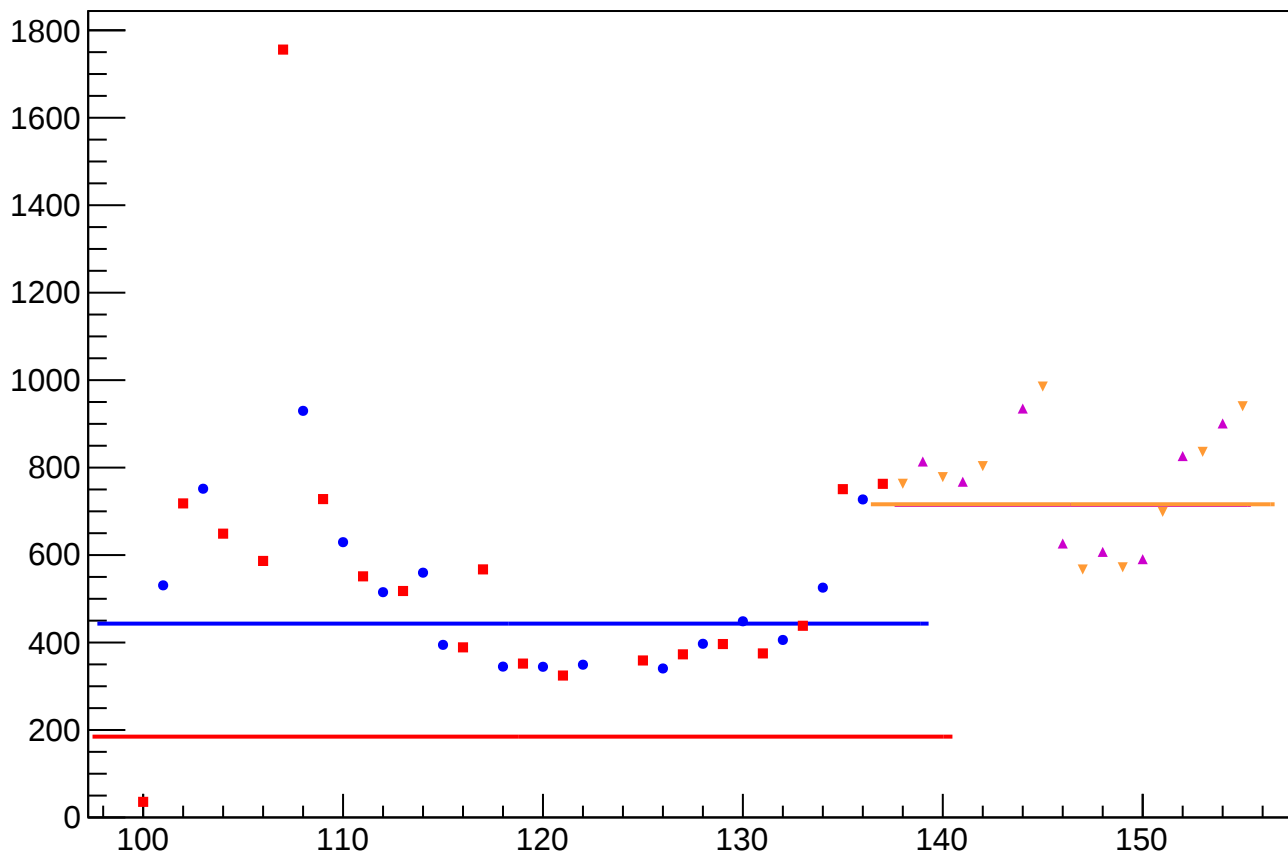
Right Out: 103.328+/-107.623 χ^2/NDF : 23.3/18

Left In: -170.579+/-283.365 χ^2/NDF :3.0/7

-190.460+/-151.792 χ^2/NDF : 39.8/24

68.798+/-100.611 χ^2/NDF : 27.2/26

asym_left_dd_correction_rms vs Slug



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

Left Out: 716.131+/-0.200 χ^2/NDF : 472823.4/8

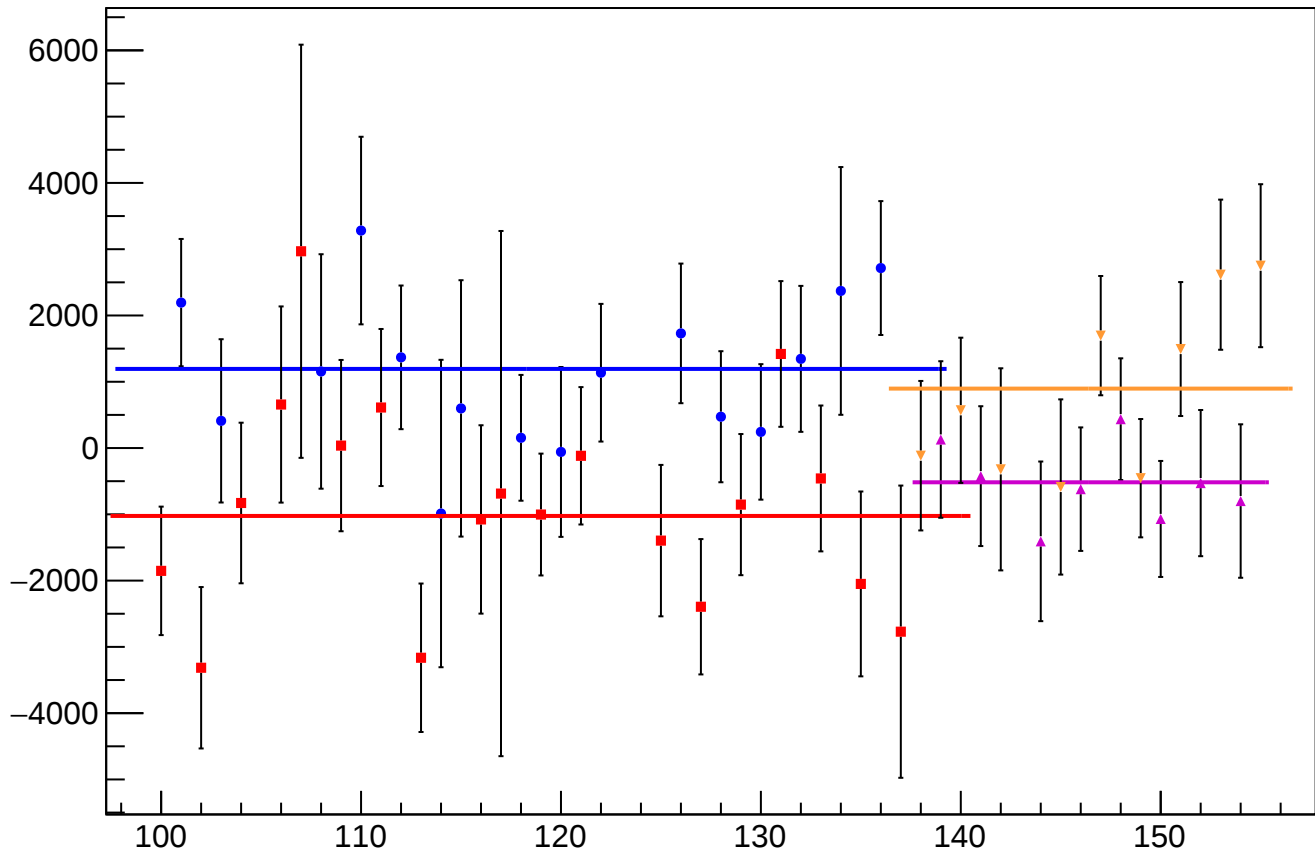
Right Out: 184.814+/-0.076 χ^2/NDF : 8119311.6/18

Left In: 714.672+/-0.200 χ^2/NDF : 384532.4/7

522.047+/-0.107 χ^2/NDF : 2861261.6/24

251.611+/-0.071 χ^2/NDF : 14615152.4/26

asym_left_dd_mean vs Slug



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

Left Out: 896.764 $\pm$ 364.337 χ^2 /NDF:10.8/8

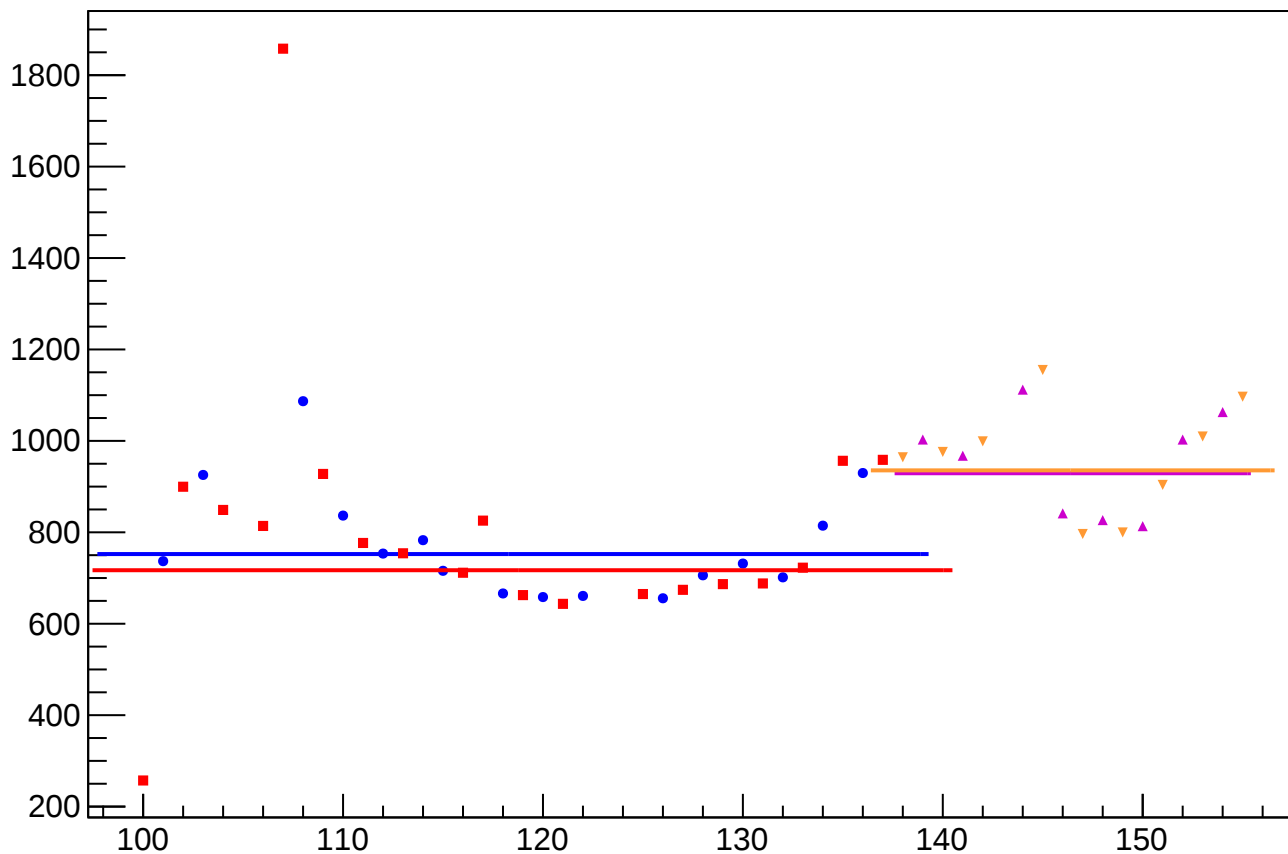
Right Out: -1024.435 $\pm$ 280.119 χ^2 /NDF: 22.5/18

Left In: -516.734 $\pm$ 364.699 χ^2 /NDF:2.4/7

1076.185 $\pm$ 229.290 χ^2 /NDF: 22.4/24

-836.053 $\pm$ 222.152 χ^2 /NDF: 26.2/26

asym_left_dd_rms vs Slug



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

Left Out: 935.503+/-0.258 χ^2/NDF : 201675.4/8

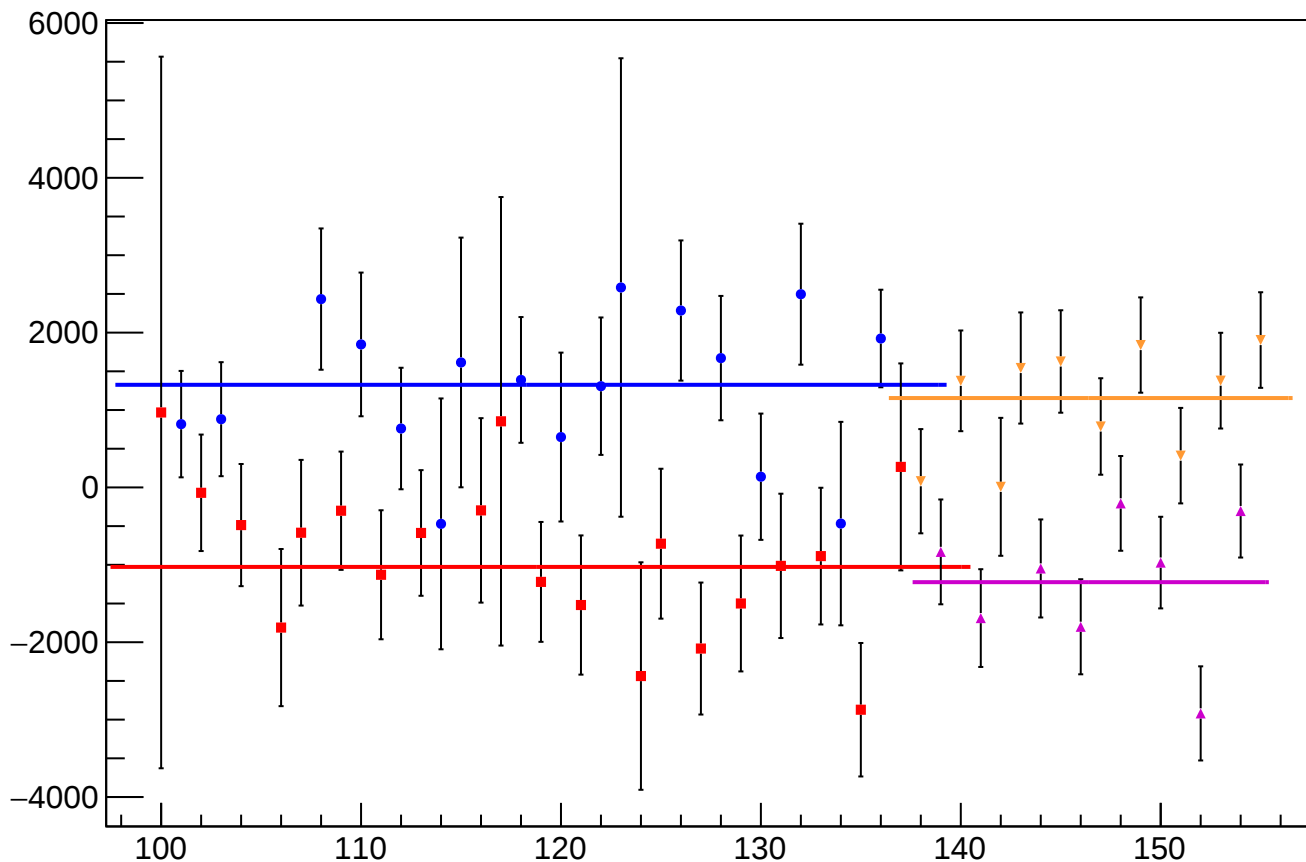
Right Out: 717.067+/-0.198 χ^2/NDF : 968442.7/18

Left In: 929.223+/-0.258 χ^2/NDF : 169934.2/7

824.937+/-0.162 χ^2/NDF : 759360.1/24

795.787+/-0.157 χ^2/NDF : 1564058.7/26

reg_asym_right_avg_mean vs Slug



Right In: 1325.776 ± 218.106 χ^2/NDF : 12.9/16

Left Out: 1154.699 ± 207.934 χ^2/NDF : 9.8/9

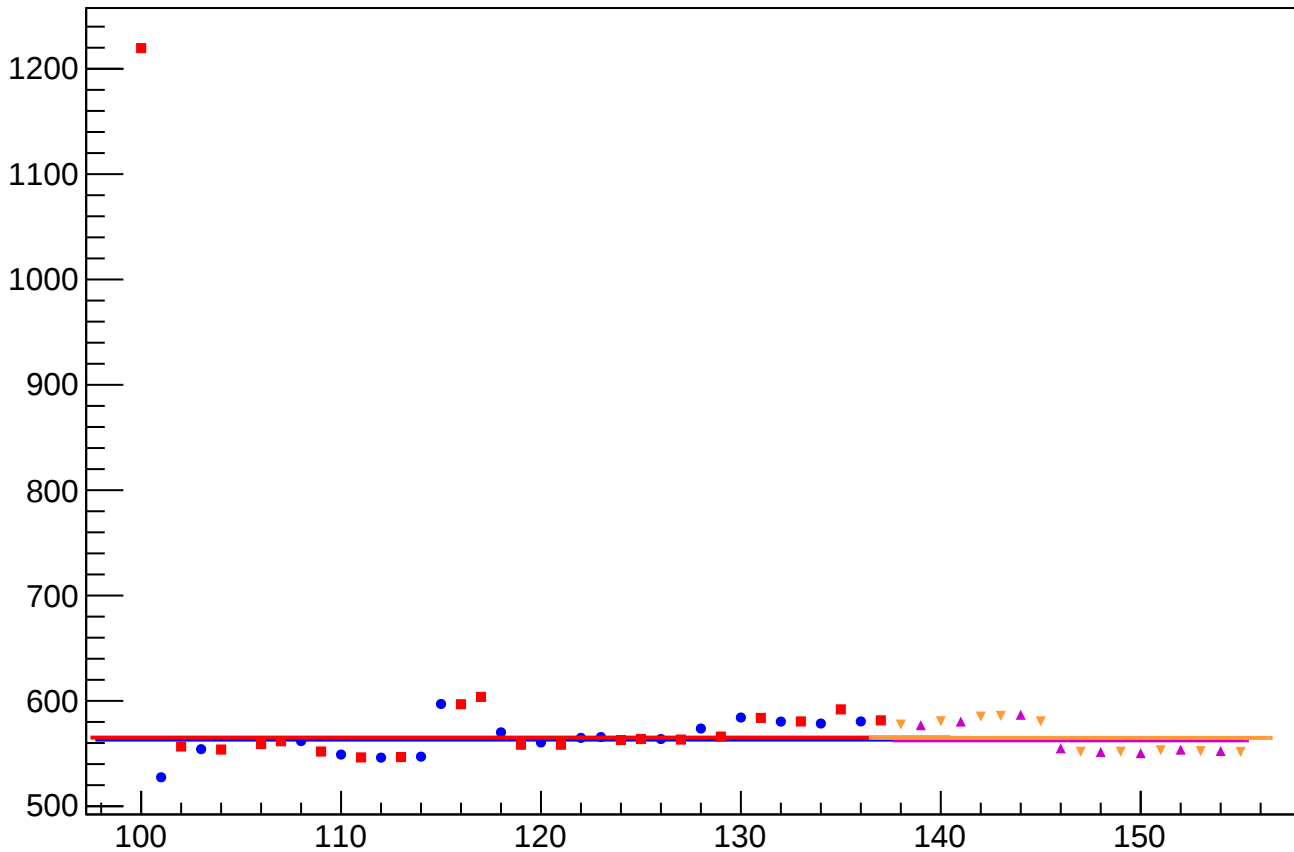
Right Out: -1026.996 ± 211.021 χ^2/NDF : 13.8/19

Left In: -1224.005 ± 219.101 χ^2/NDF : 14.9/7

1236.155 ± 150.499 χ^2/NDF : 23.0/26

-1121.801 ± 151.991 χ^2/NDF : 29.2/27

reg_asym_right_avg_rms vs Slug



Right In: 563.266 $\pm$ 0.154 χ^2 /NDF: 12520.3/16

Left Out: 564.854 $\pm$ 0.147 χ^2 /NDF:10010.6/9

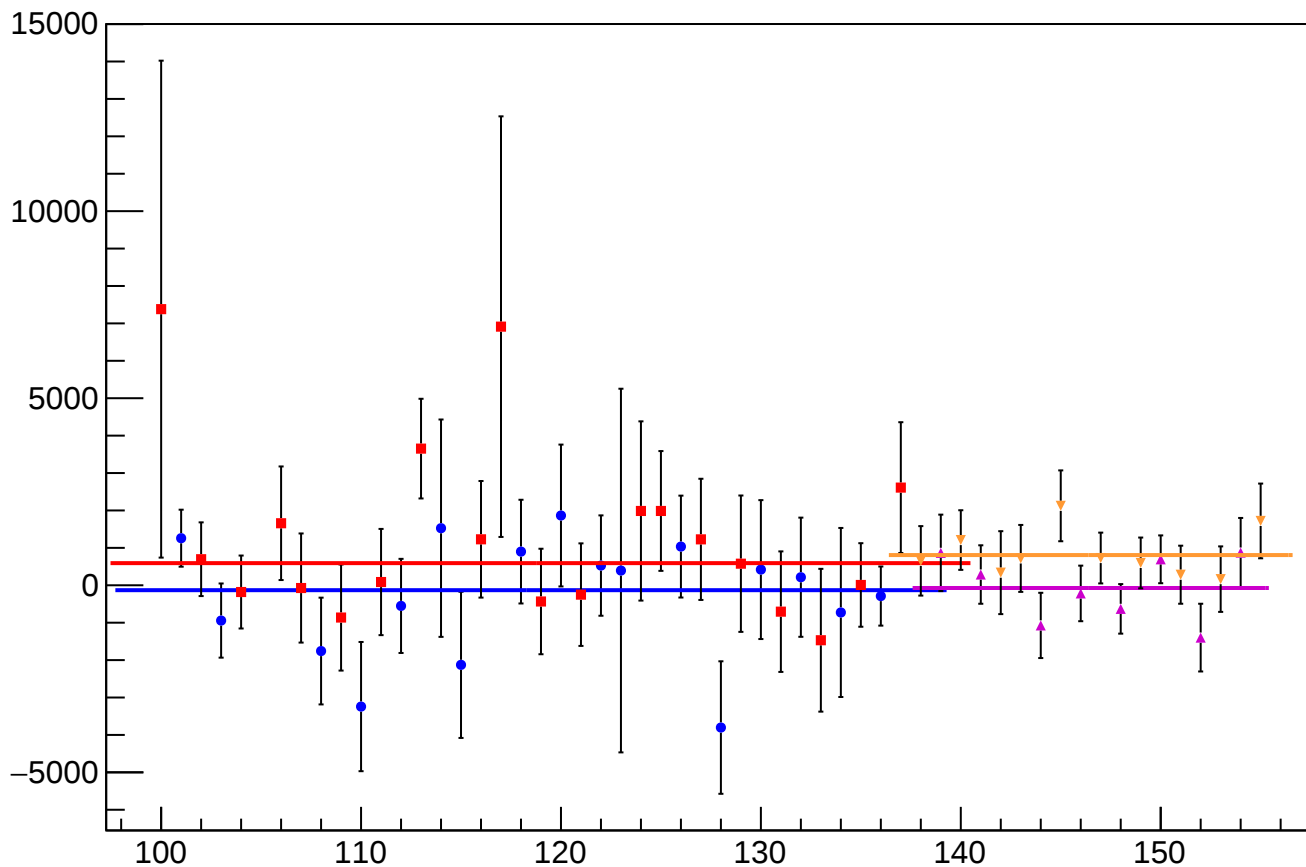
Right Out: 565.150 $\pm$ 0.149 χ^2 /NDF: 49653.1/19

Left In: 562.575 $\pm$ 0.155 χ^2 /NDF:8233.3/7

564.098 $\pm$ 0.106 χ^2 /NDF: 22586.5/26

563.911 $\pm$ 0.107 χ^2 /NDF: 58029.7/27

asym_right_avg_correction_mean vs Slug



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

Left Out: 807.600 ± 265.160 $\chi^2/\text{NDF}: 4.3/9$

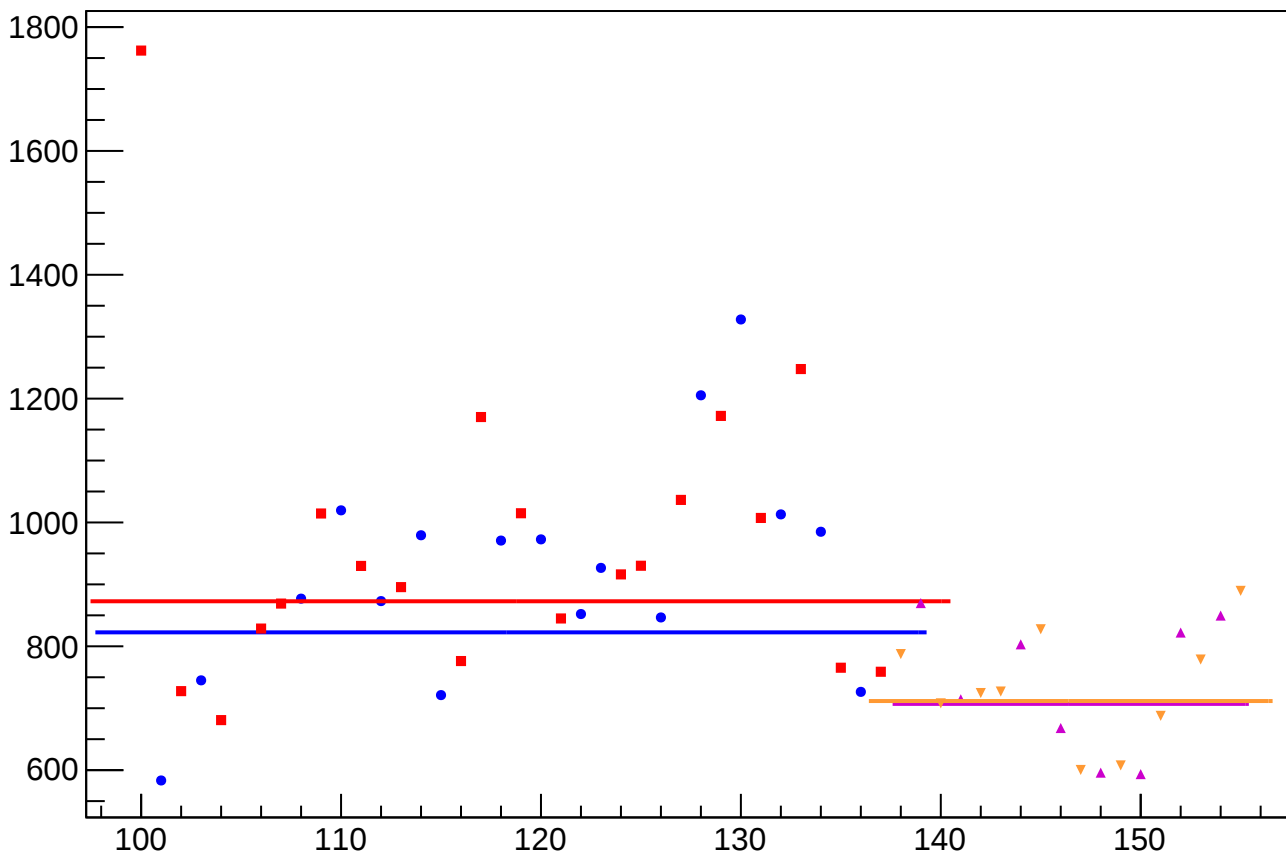
Right Out: 591.948 ± 331.825 $\chi^2/\text{NDF}: 15.9/19$

Left In: -72.658 ± 279.077 $\chi^2/\text{NDF}: 7.7/7$

436.029 ± 206.104 $\chi^2/\text{NDF}: 26.5/26$

202.686 ± 213.581 $\chi^2/\text{NDF}: 26.0/27$

asym_right_avg_correction_rms vs Slug



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

Left Out: 711.611 ± 0.187 χ^2/NDF : 222017.1/9

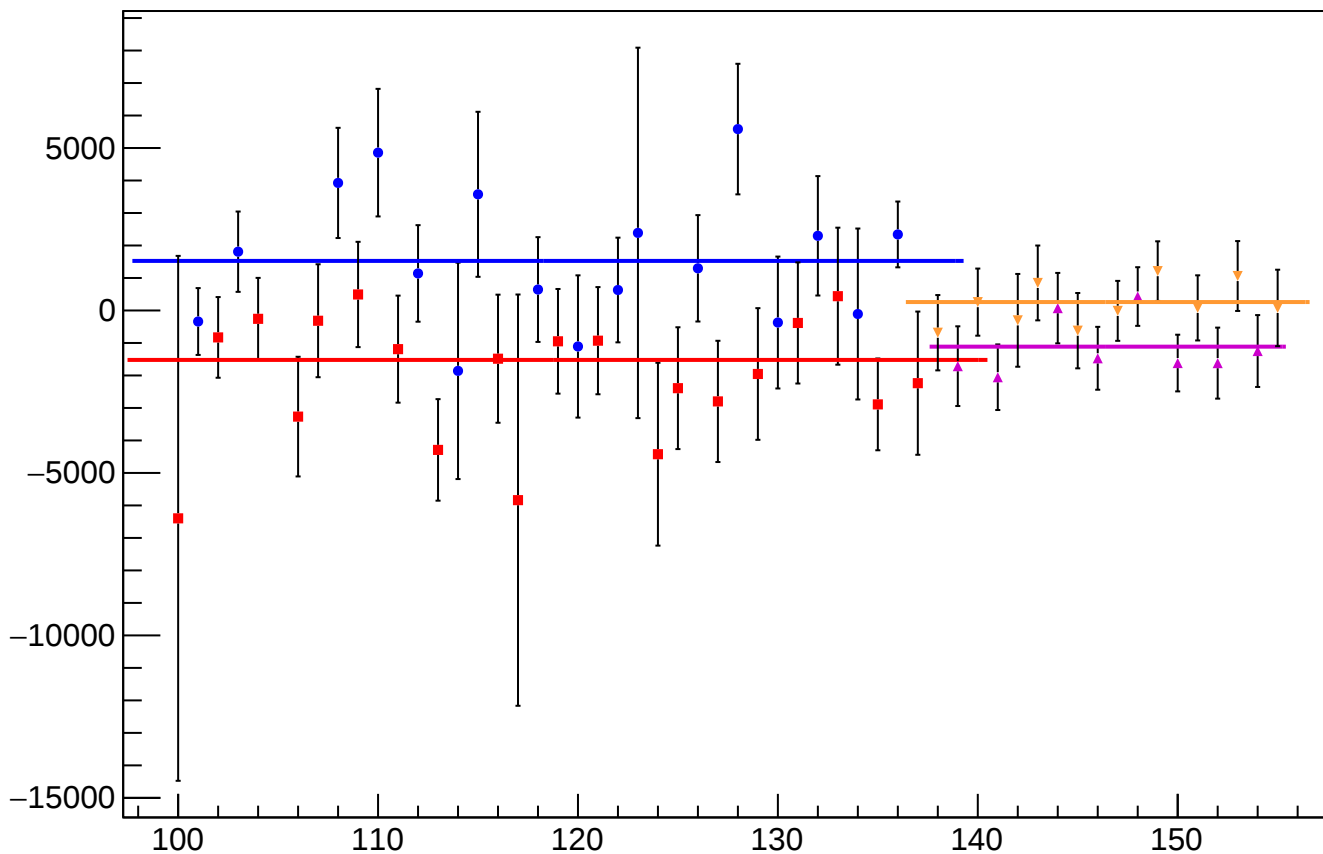
Right Out: 872.719 ± 0.235 χ^2/NDF : 412481.2/19

Left In: 707.011 ± 0.197 χ^2/NDF : 279819.7/7

755.515 ± 0.146 χ^2/NDF : 961495.1/26

775.663 ± 0.151 χ^2/NDF : 984433.1/27

asym_right_avg_mean vs Slug



Right In: 1525.470+/-401.784 χ^2/NDF : 18.2/16

Left Out: 259.551+/-340.696 χ^2/NDF : 3.4/9

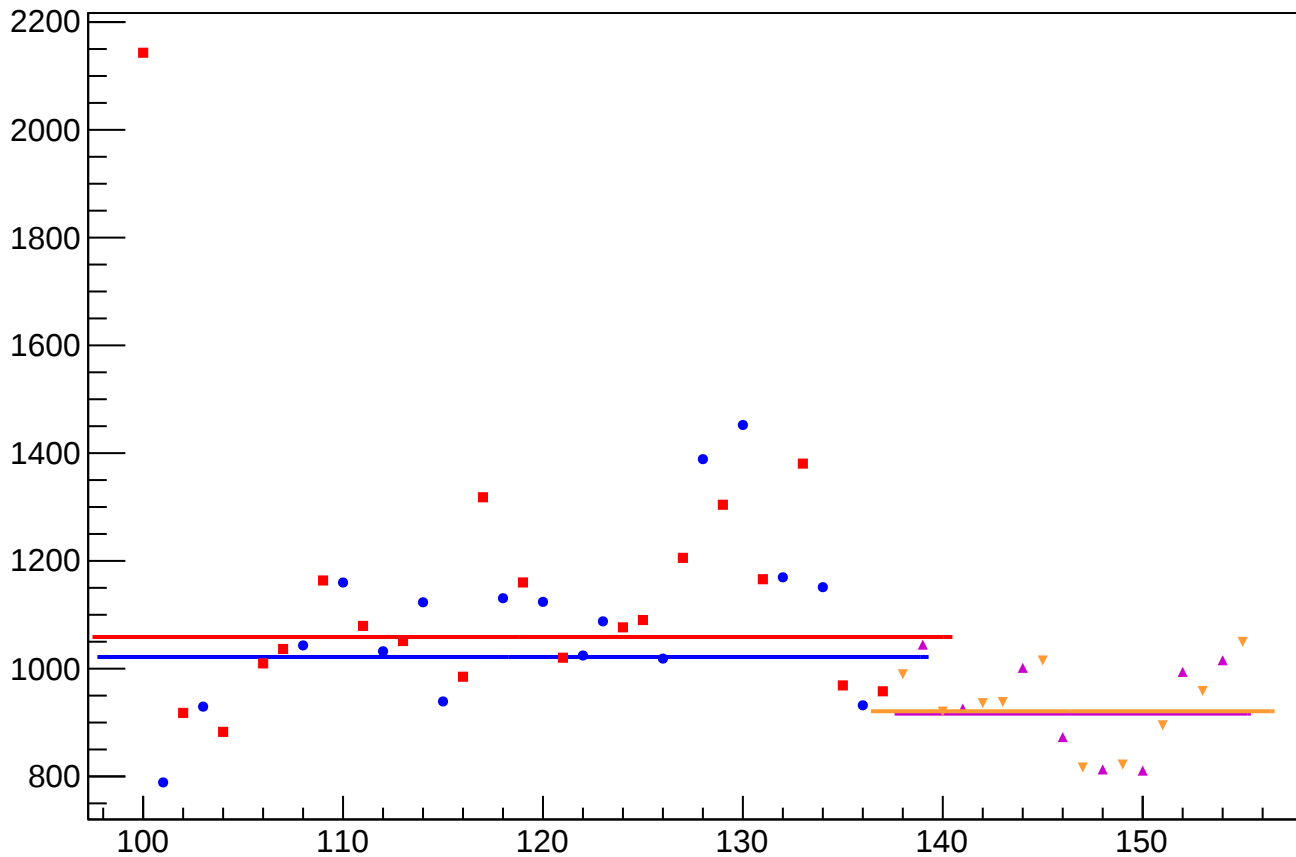
Right Out: -1521.641+/-399.157 χ^2/NDF : 12.6/19

Left In: -1113.404+/-358.926 χ^2/NDF : 5.9/7

789.057+/-259.851 χ^2/NDF : 27.4/26

-1295.919+/-266.892 χ^2/NDF : 19.1/27

asym_right_avg_rms vs Slug



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

Left Out: 920.940+/-0.241 χ^2/NDF : 97483.4/9

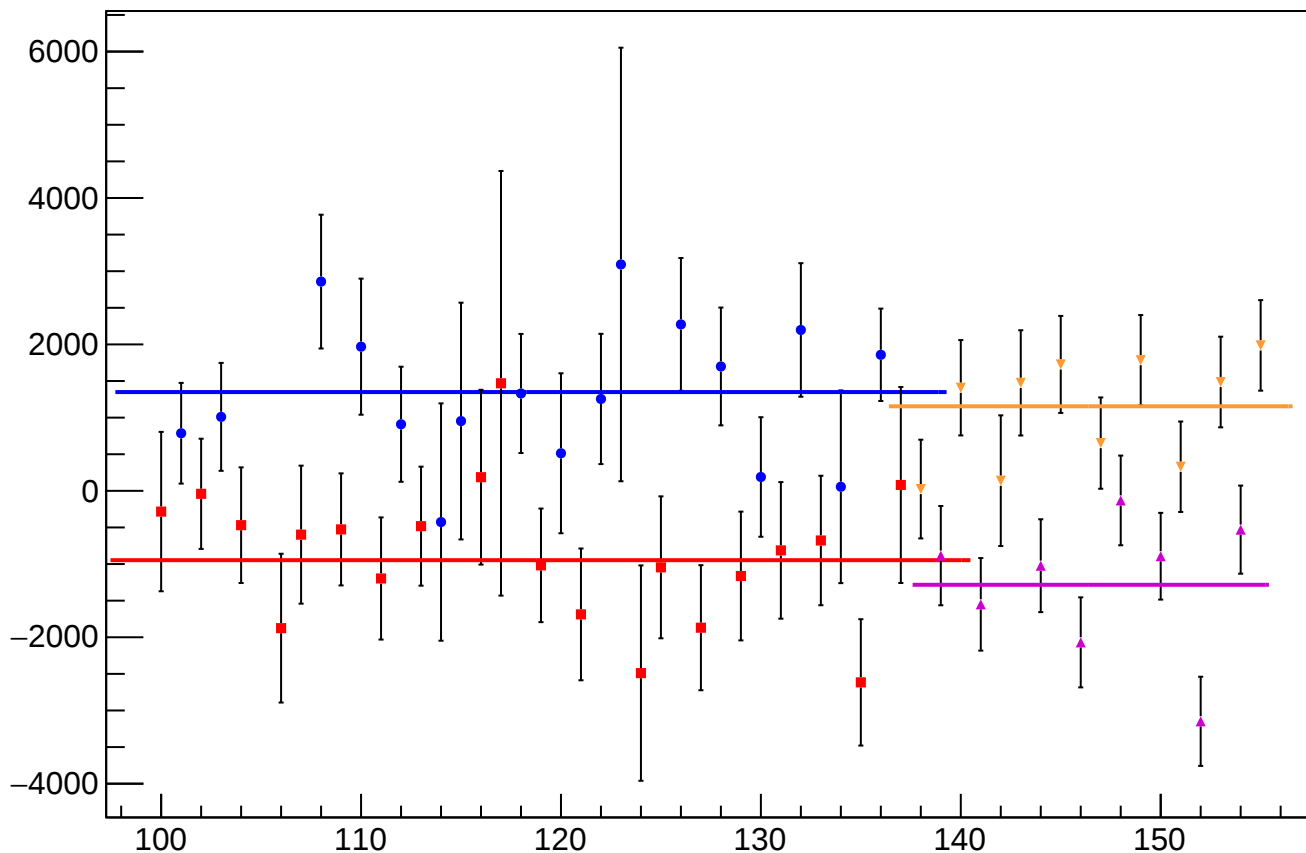
Right Out: 1058.783+/-0.282 χ^2/NDF : 234314.8/19

Left In: 916.566+/-0.254 χ^2/NDF : 120161.7/7

963.071+/-0.184 χ^2/NDF : 502552.5/26

980.149+/-0.189 χ^2/NDF : 494856.9/27

reg_asym_right_dd_mean vs Slug



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

Left Out: 1154.796 $\pm$ 208.141 χ^2 /NDF:10.8/9

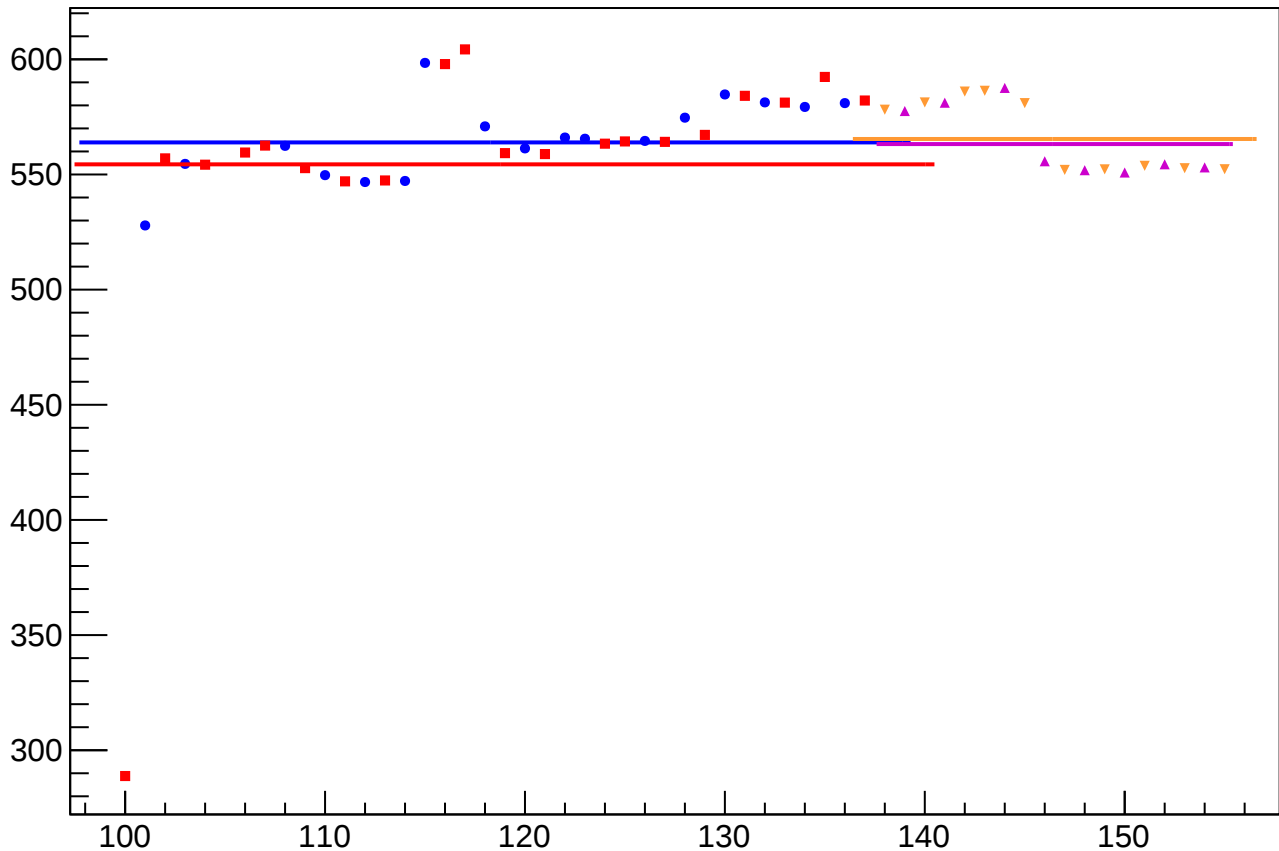
Right Out: -947.051 $\pm$ 207.609 χ^2 /NDF: 12.9/19

Left In: -1283.225 $\pm$ 219.347 χ^2 /NDF:17.3/7

1247.321 $\pm$ 150.662 χ^2 /NDF: 23.5/26

-1105.902 $\pm$ 150.781 χ^2 /NDF: 31.4/27

reg_asym_right_dd_rms vs Slug



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

Left Out: 565.414 $\pm$ 0.147 χ^2 /NDF:10063.4/9

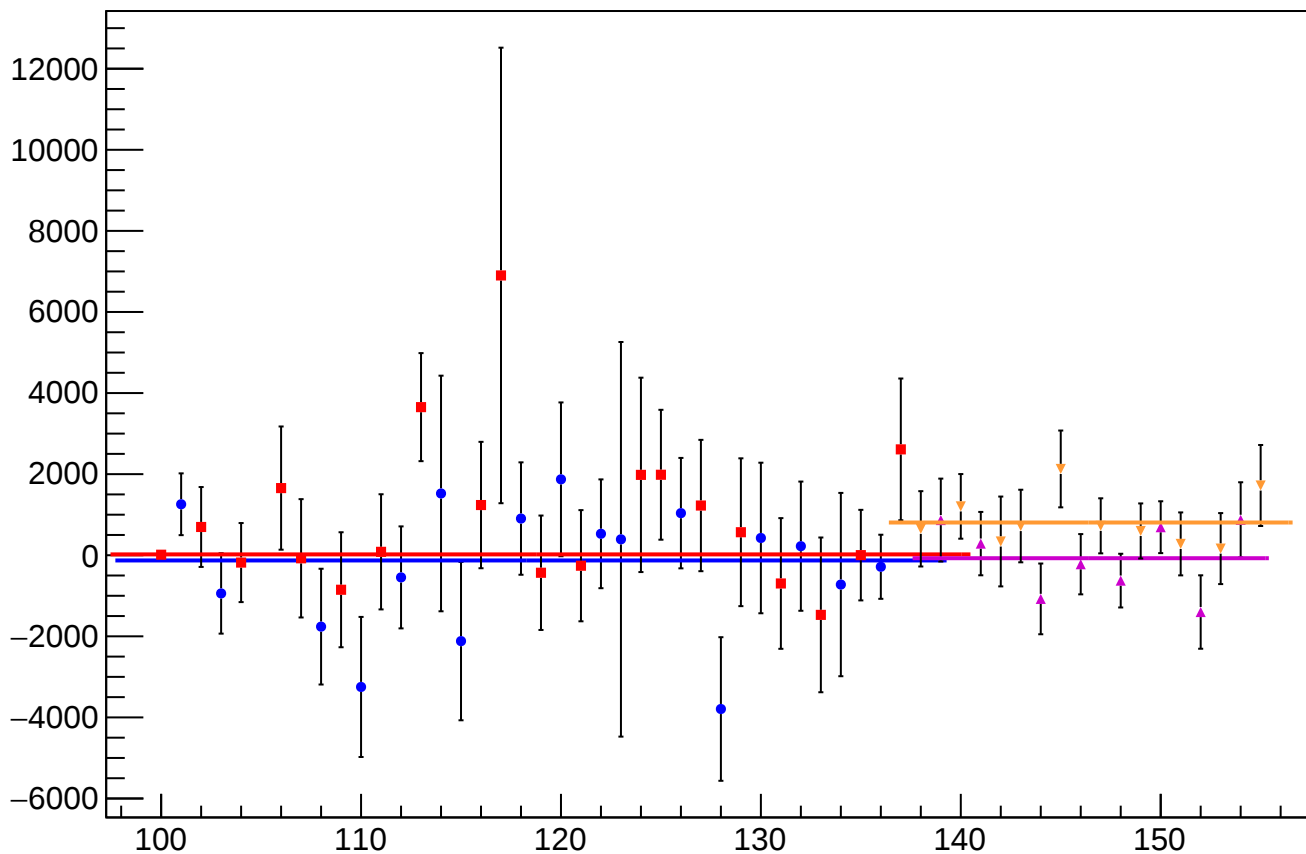
Right Out: 554.402 $\pm$ 0.147 χ^2 /NDF: 132560.6/19

Left In: 563.206 $\pm$ 0.155 χ^2 /NDF:8300.6/7

564.704 $\pm$ 0.107 χ^2 /NDF: 22775.3/26

558.562 $\pm$ 0.107 χ^2 /NDF: 142560.8/27

asym_right_dd_correction_mean vs Slug



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

Left Out: 807.133 ± 265.258 χ^2/NDF : 4.4/9

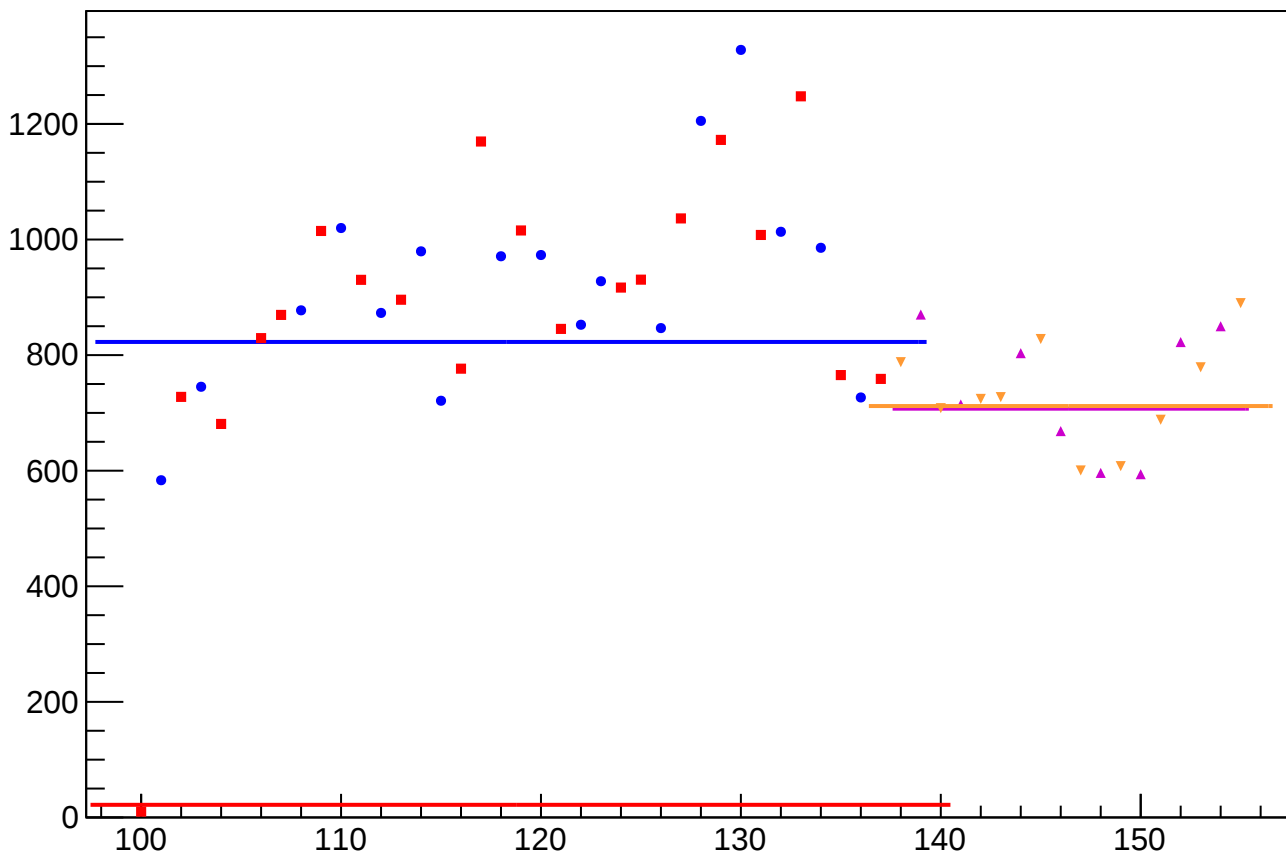
Right Out: 20.715 ± 38.953 χ^2/NDF : 17.6/19

Left In: -73.512 ± 279.196 χ^2/NDF : 7.7/7

436.658 ± 206.175 χ^2/NDF : 26.5/26

18.916 ± 38.580 χ^2/NDF : 25.5/27

asym_right_dd_correction_rms vs Slug



Right In: 822.780 ± 0.232 χ^2/NDF : 600873.9/16

Left Out: 711.867 ± 0.188 χ^2/NDF : 222132.5/9

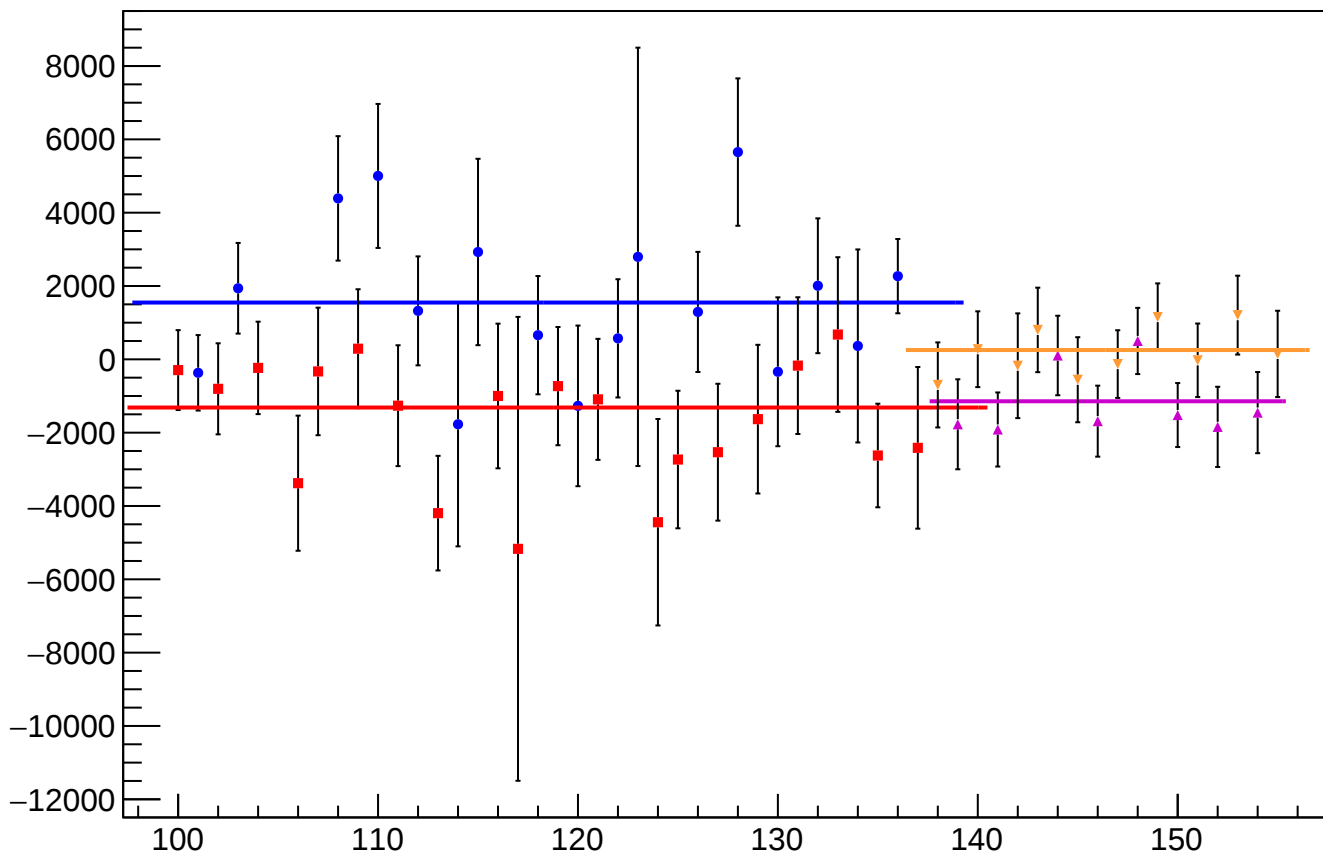
Right Out: 21.867 ± 0.028 χ^2/NDF : 13607091.0/19

Left In: 707.323 ± 0.197 χ^2/NDF : 279554.9/7

755.774 ± 0.146 χ^2/NDF : 961427.9/26

34.955 ± 0.027 χ^2/NDF : 25711513.7/27

asym_right_dd_mean vs Slug



Right In: 1548.873+/-402.008 χ^2/NDF : 19.0/16

Left Out: 253.467+/-340.899 χ^2/NDF : 3.5/9

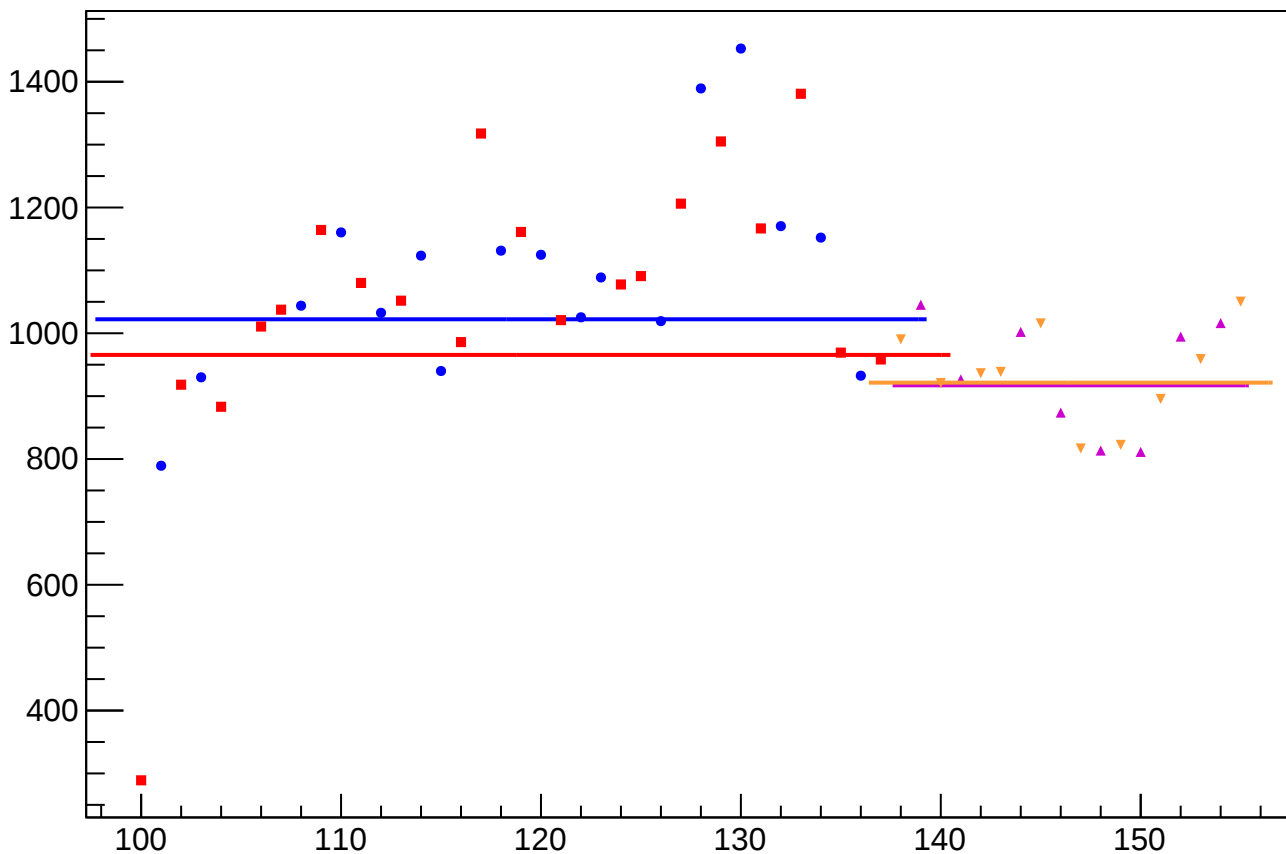
Right Out: -1314.562+/-375.381 χ^2/NDF : 12.9/19

Left In: -1144.021+/-359.166 χ^2/NDF : 6.5/7

795.331+/-260.002 χ^2/NDF : 28.5/26

-1225.529+/-259.512 χ^2/NDF : 19.5/27

asym_right_dd_rms vs Slug



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

Left Out: 921.484+/-0.241 χ^2/NDF : 97576.9/9

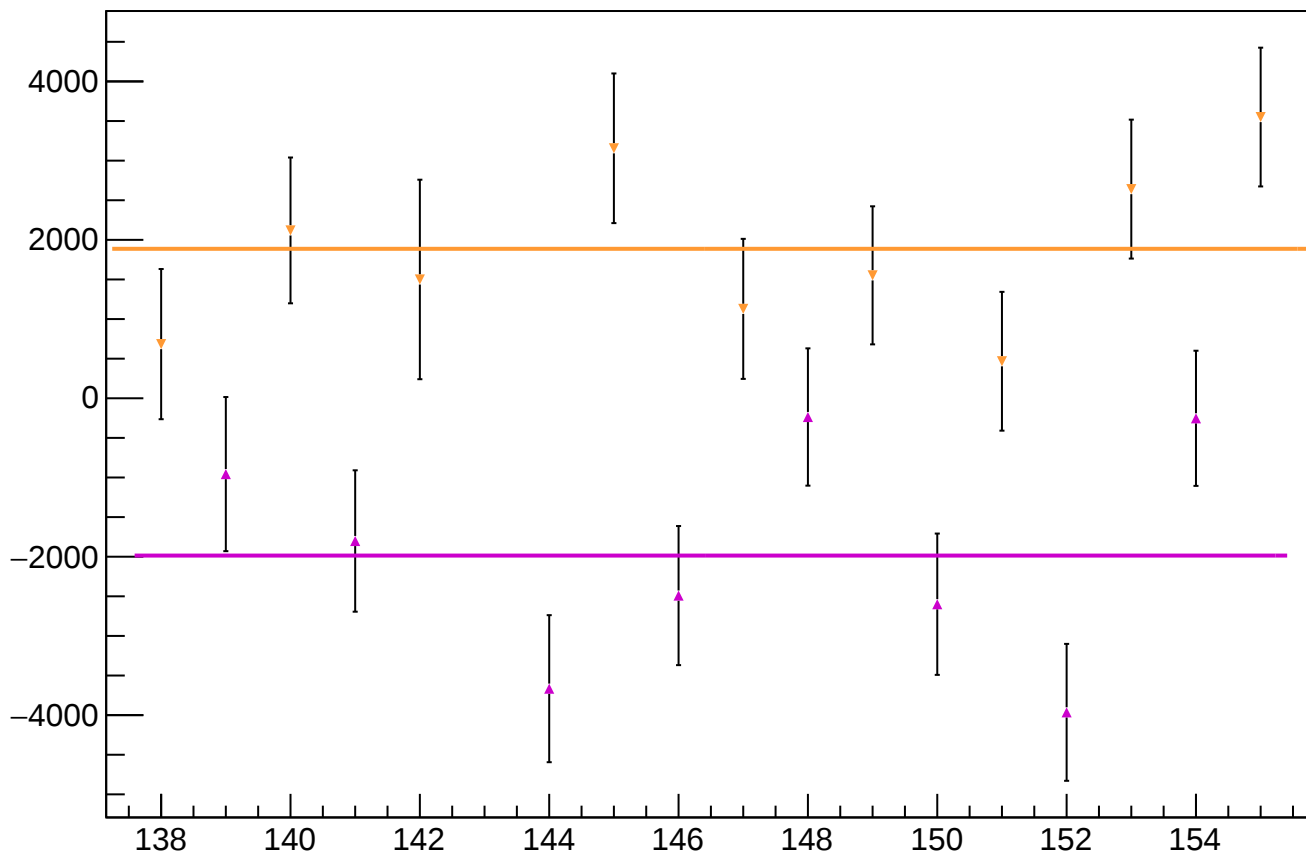
Right Out: 965.574+/-0.265 χ^2/NDF : 1073497.1/19

Left In: 917.182+/-0.254 χ^2/NDF : 120124.4/7

963.631+/-0.184 χ^2/NDF : 502525.6/26

940.310+/-0.184 χ^2/NDF : 1210973.5/27

cor_asym_us_avg_mean vs Slug



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

Left Out: 1886.980+/-307.914 χ^2/NDF : 11.4/8

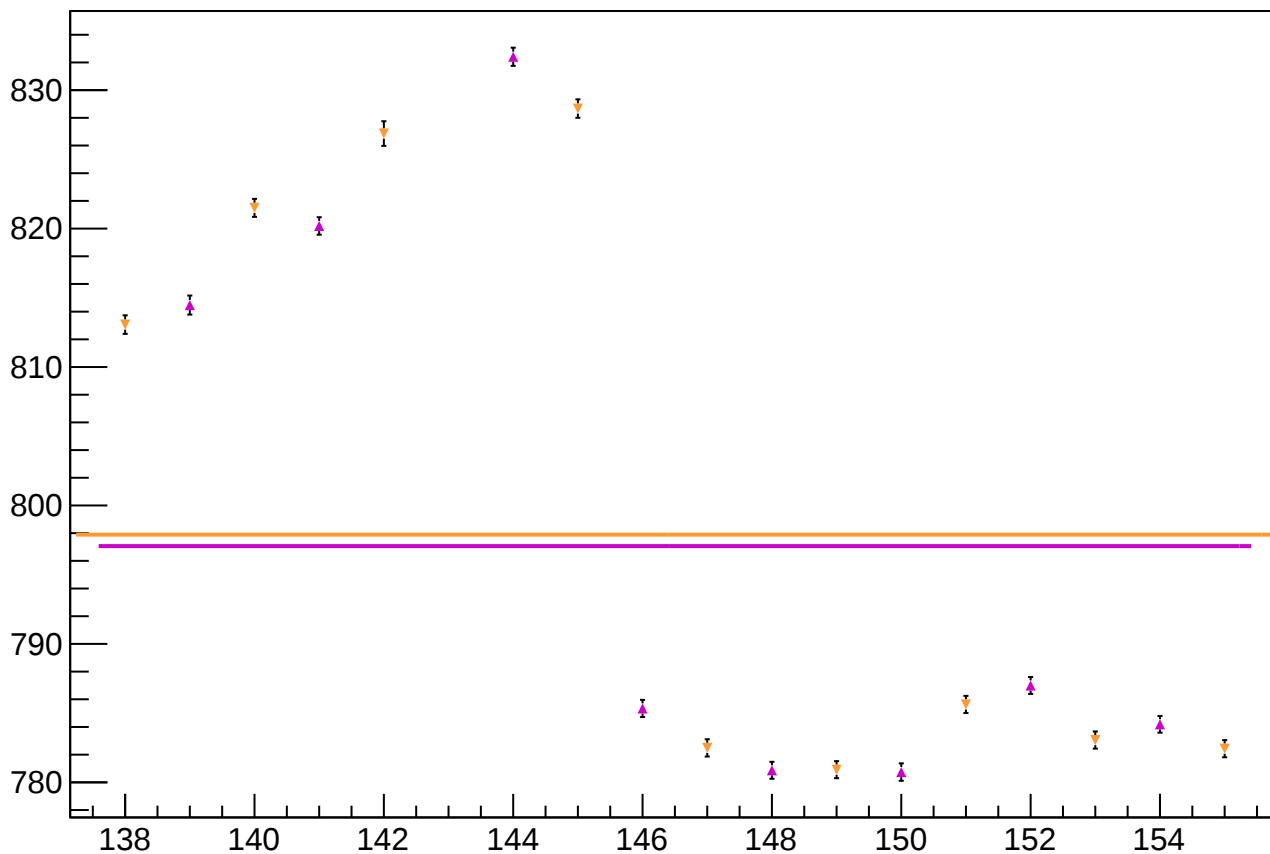
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1985.637+/-315.107 χ^2/NDF : 18.7/7

1886.980+/-307.914 χ^2/NDF : 11.4/8

-1985.637+/-315.107 χ^2/NDF : 18.7/7

cor_asym_us_avg_rms vs Slug



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

Left Out: 797.894+/-0.218 χ^2/NDF : 7963.6/8

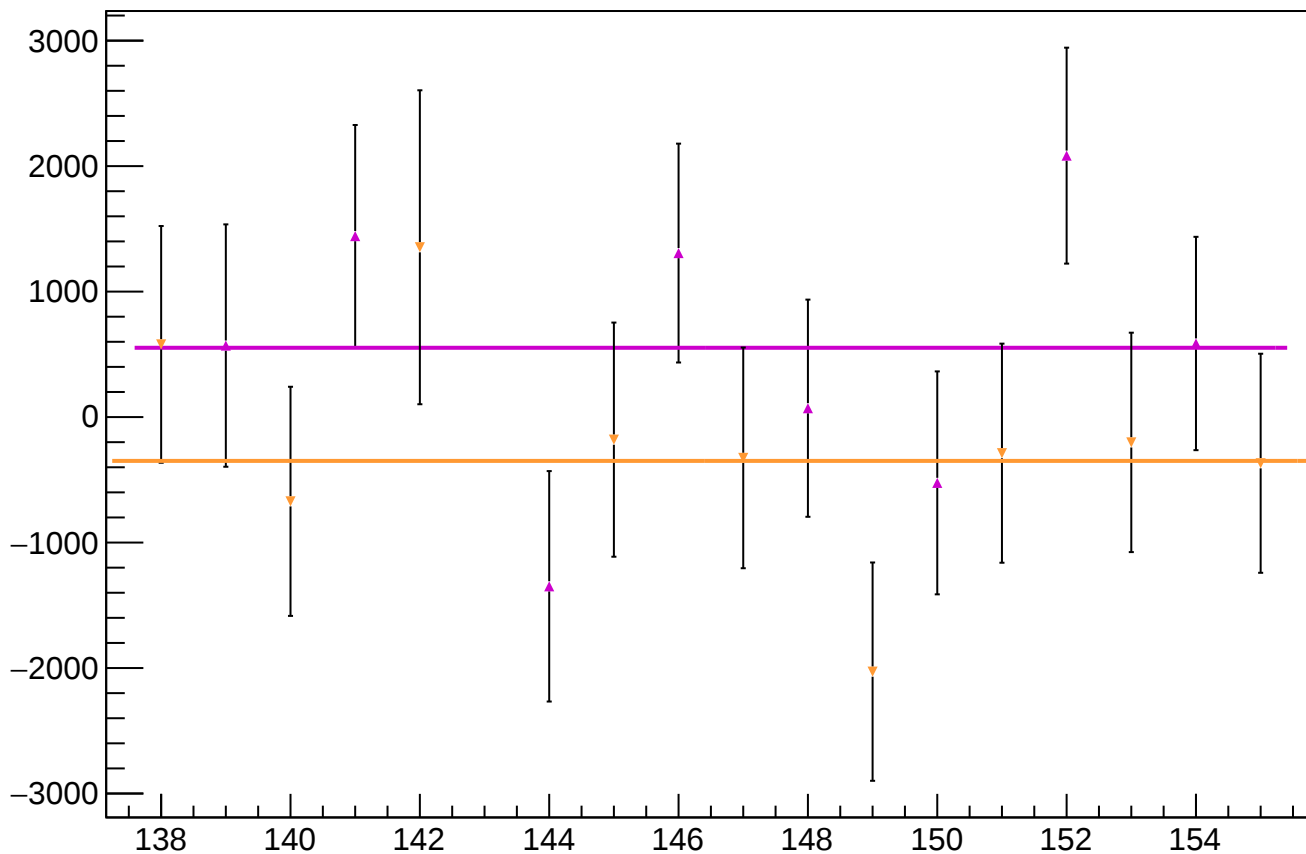
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 797.065+/-0.223 χ^2/NDF : 7335.5/7

797.894+/-0.218 χ^2/NDF : 7963.6/8

797.065+/-0.223 χ^2/NDF : 7335.5/7

cor_asym_us_dd_mean vs Slug



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

Left Out: -349.211+/-306.301 χ^2/NDF : 6.7/8

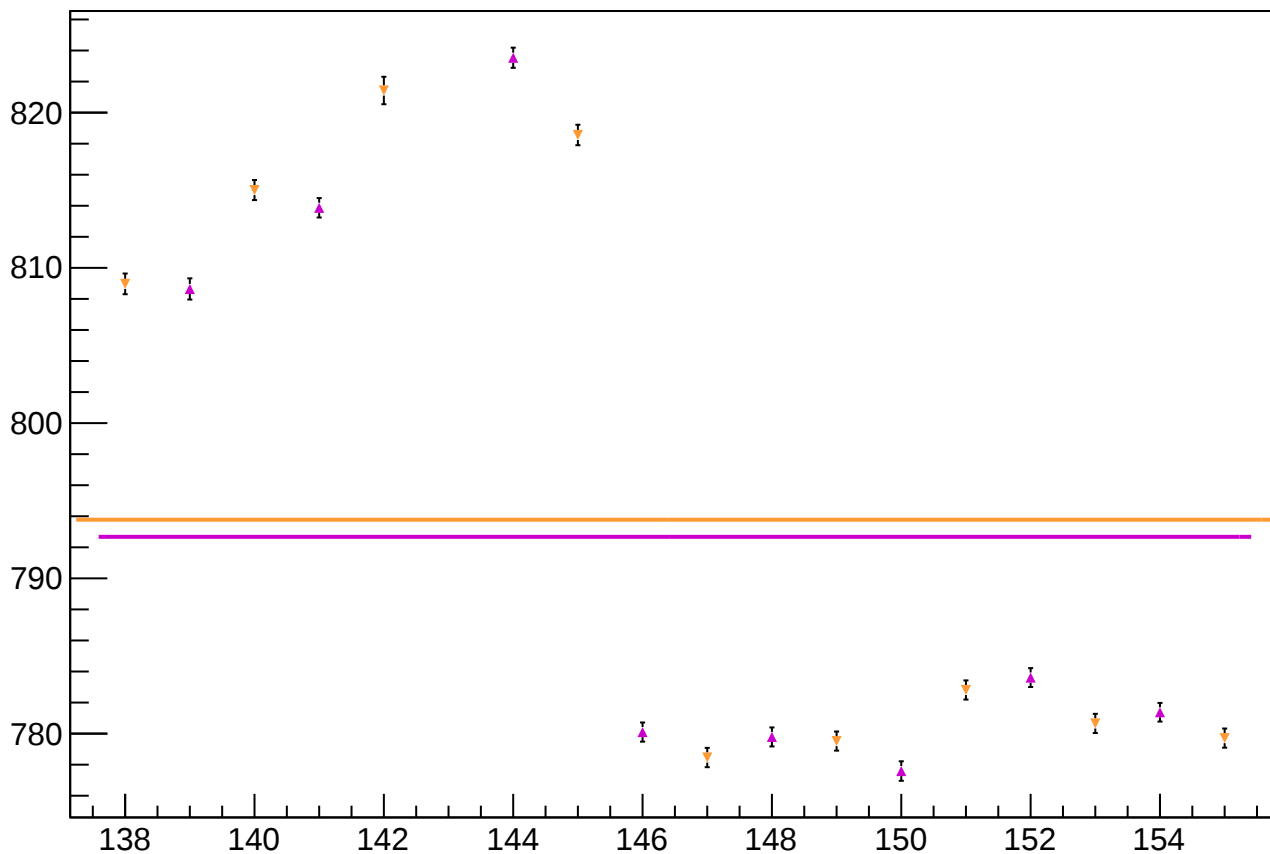
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 552.283+/-313.348 χ^2/NDF : 11.0/7

-349.211+/-306.301 χ^2/NDF : 6.7/8

552.283+/-313.348 χ^2/NDF : 11.0/7

cor_asym_us_dd_rms vs Slug



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

Left Out: 793.779+/-0.217 χ^2/NDF : 6417.7/8

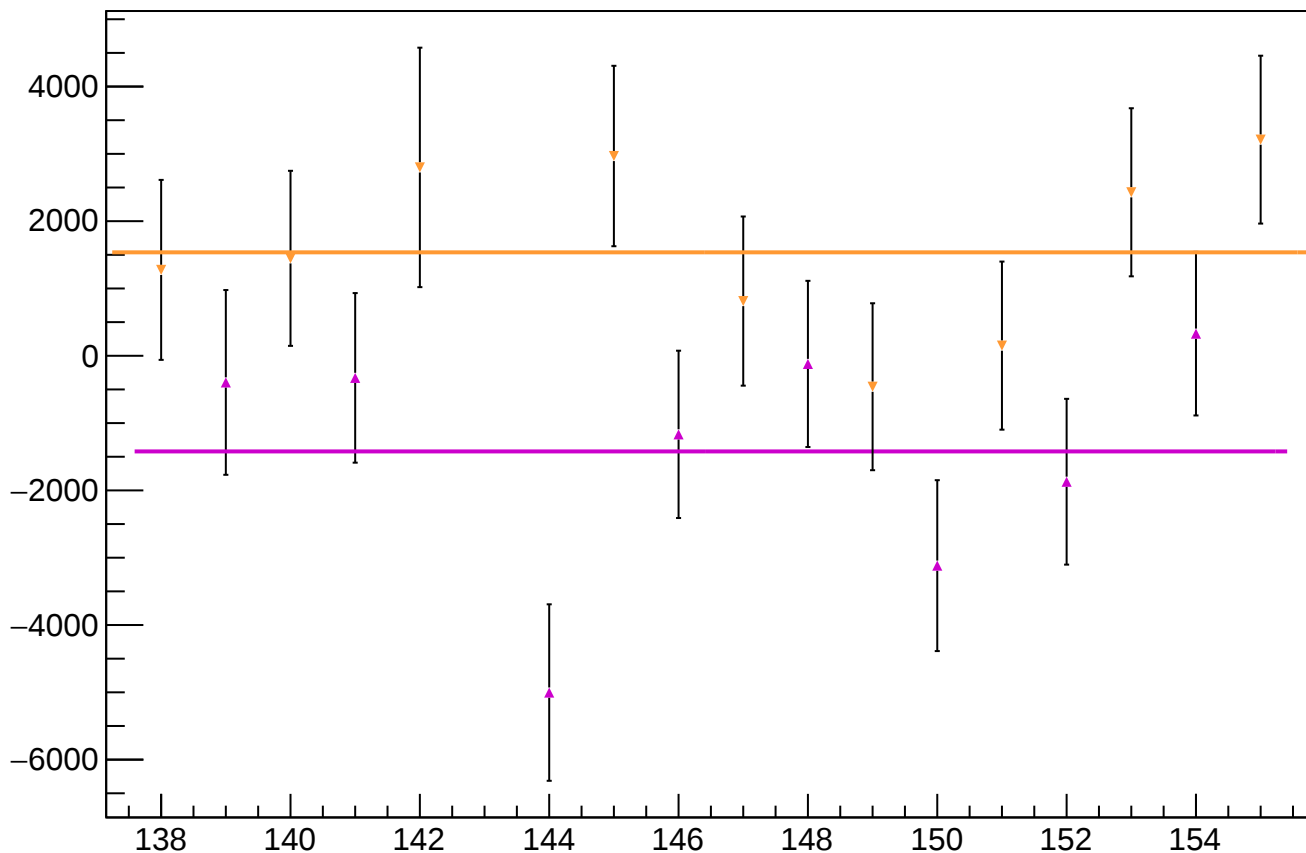
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 792.676+/-0.222 χ^2/NDF : 5962.4/7

793.779+/-0.217 χ^2/NDF : 6417.7/8

792.676+/-0.222 χ^2/NDF : 5962.4/7

cor_asym_usl_mean vs Slug



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

Left Out: 1536.901+/-437.153 χ^2/NDF : 8.2/8

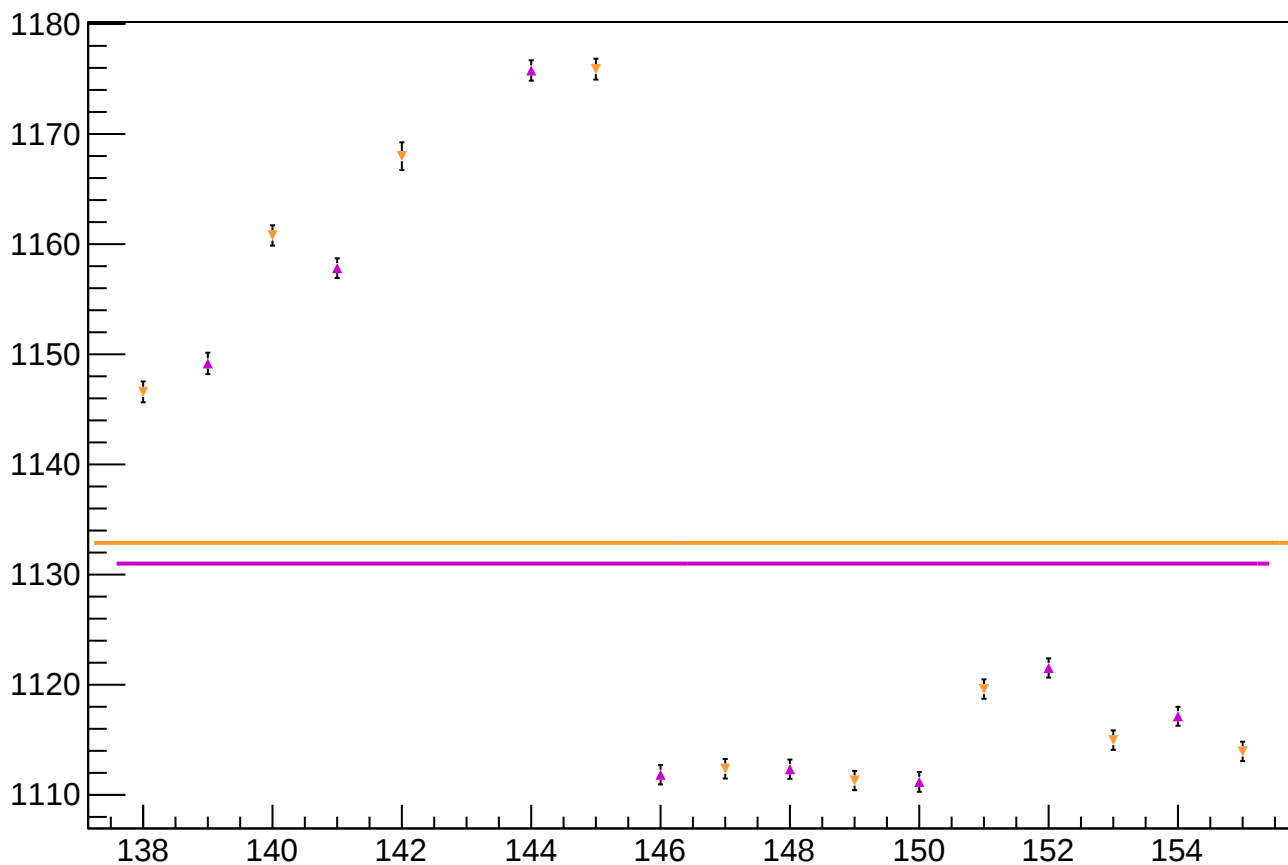
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1420.878+/-447.083 χ^2/NDF : 13.9/7

1536.901+/-437.153 χ^2/NDF : 8.2/8

-1420.878+/-447.083 χ^2/NDF : 13.9/7

cor_asym_usl_rms vs Slug



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

Left Out: 1132.884+/-0.309 χ^2/NDF : 6206.0/8

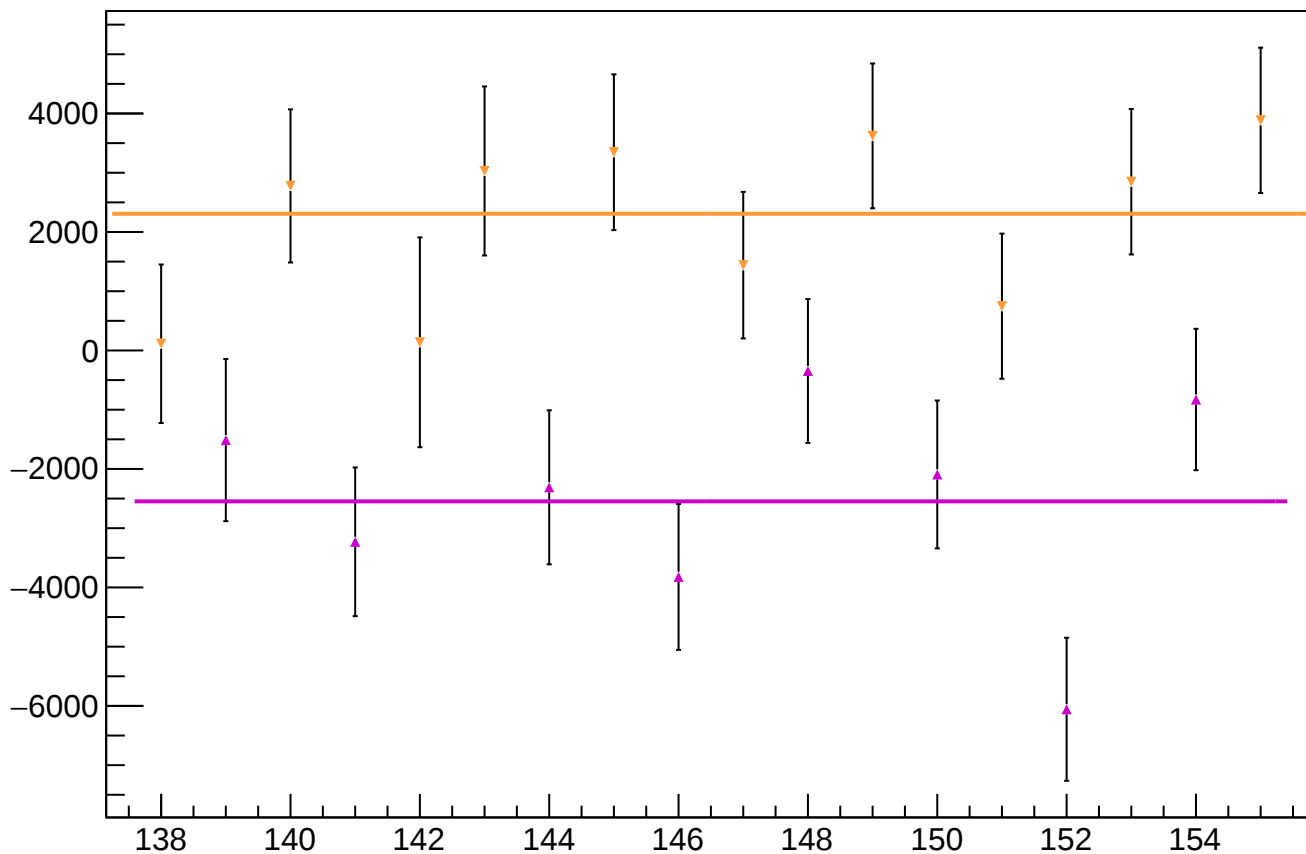
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1131.000+/-0.316 χ^2/NDF : 5388.4/7

1132.884+/-0.309 χ^2/NDF : 6206.0/8

1131.000+/-0.316 χ^2/NDF : 5388.4/7

cor_asym_usr_mean vs Slug



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

Left Out: 2307.545+/-412.970 χ^2/NDF :10.3/9

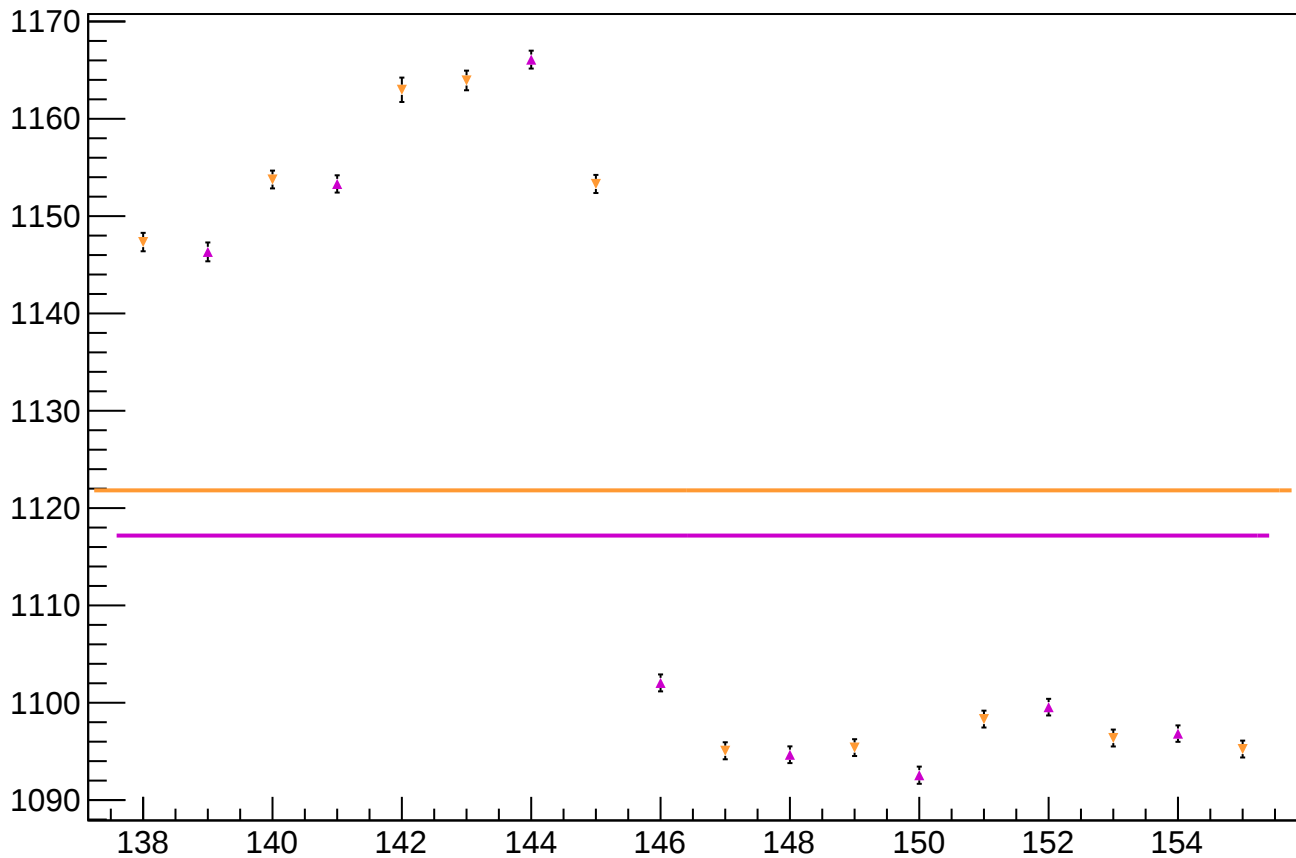
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2546.830+/-441.667 χ^2/NDF :15.9/7

2307.545+/-412.970 χ^2/NDF : 10.3/9

-2546.830+/-441.667 χ^2/NDF : 15.9/7

cor_asym_usr_rms vs Slug



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

Left Out: 1121.822+/-0.292 χ^2/NDF :10324.7/9

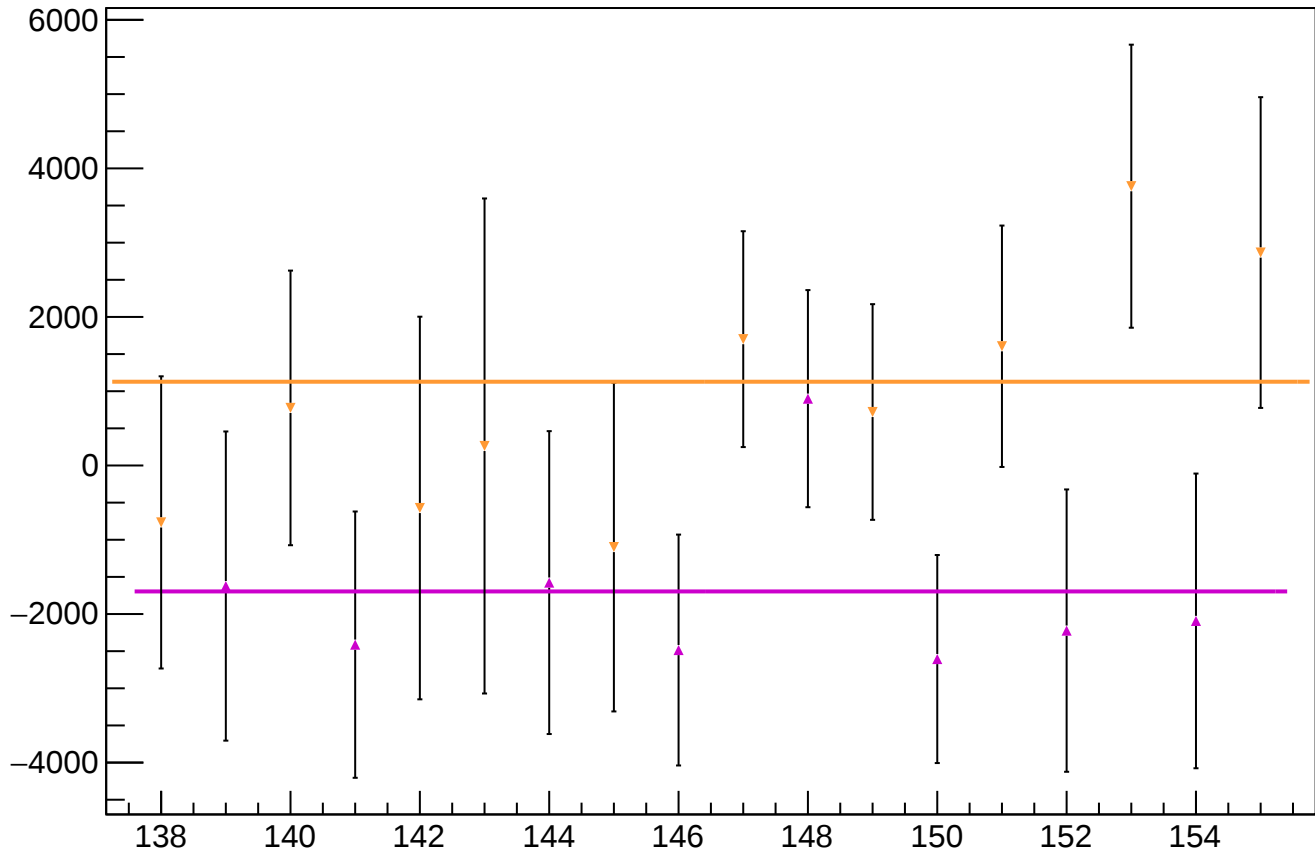
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1117.177+/-0.312 χ^2/NDF :8169.1/7

1121.822+/-0.292 χ^2/NDF : 10324.7/9

1117.177+/-0.312 χ^2/NDF : 8169.1/7

asym_us_agg_avg_mean vs Slug



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

Left Out: 1127.803+/-594.807 χ^2/NDF : 5.4/9

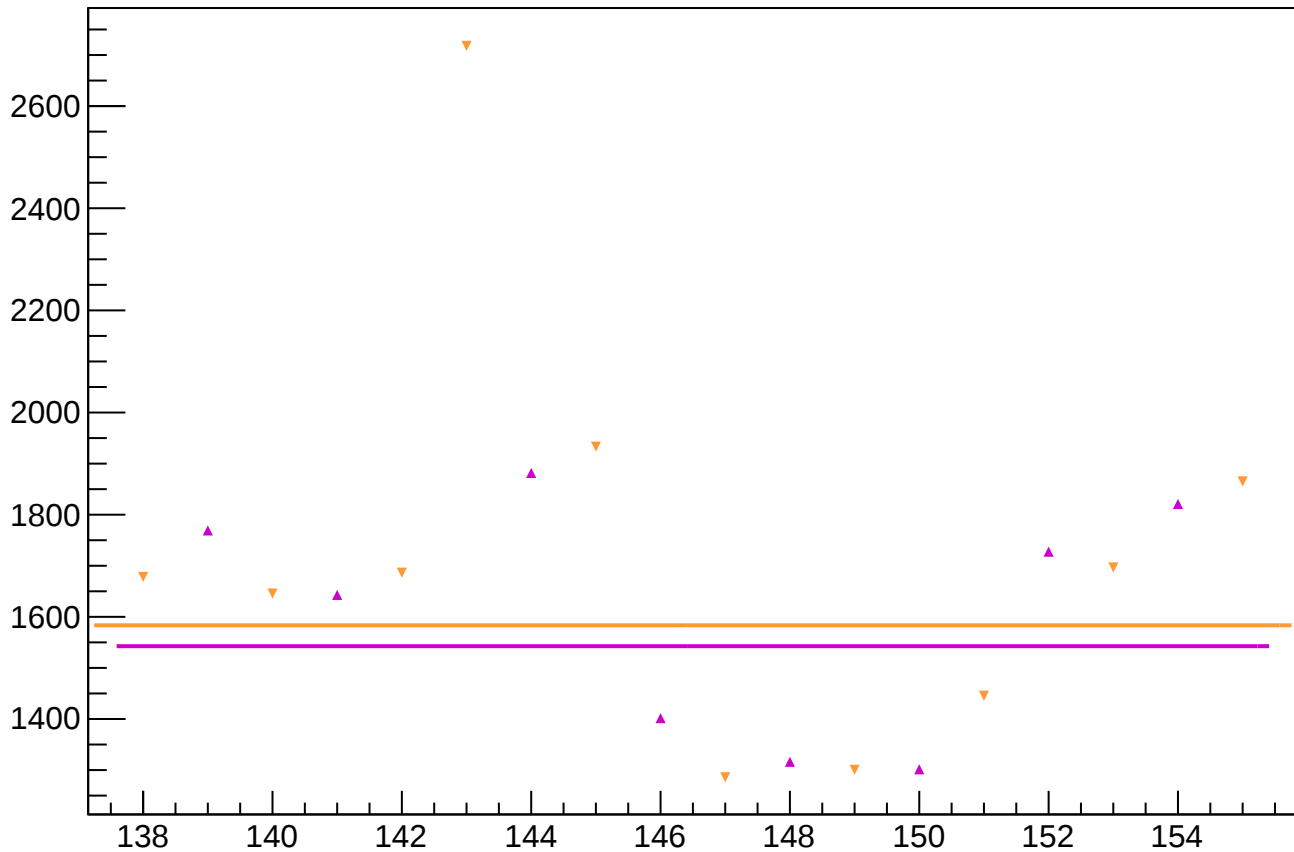
1127.803+/-594.807 χ^2/NDF : 5.4/9

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

-1695.706+/-607.991 χ^2/NDF : 4.1/7

Left In: -1695.706+/-607.991 χ^2/NDF : 4.1/7

asym_us_agg_avg_rms vs Slug



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

Left Out: 1583.447+/-0.421 χ^2/NDF : 509361.8/9

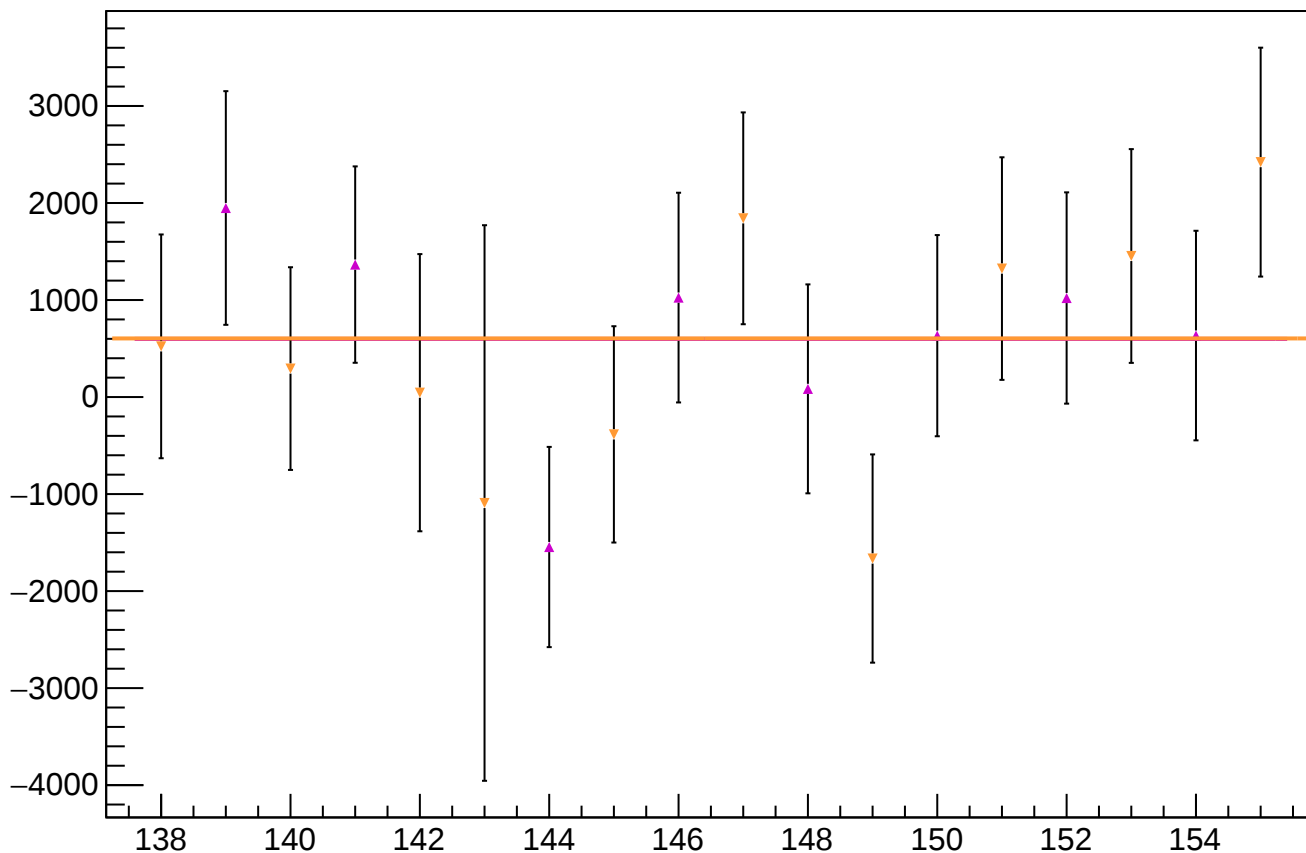
1583.447+/-0.421 χ^2/NDF : 509361.8/9

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

1542.547+/-0.430 χ^2/NDF : 267307.3/7

Left In: 1542.547+/-0.430 χ^2/NDF : 267307.3/7

asym_us_agg_dd_mean vs Slug



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

Left Out: 604.119+/-375.422 χ^2/NDF : 10.5/9

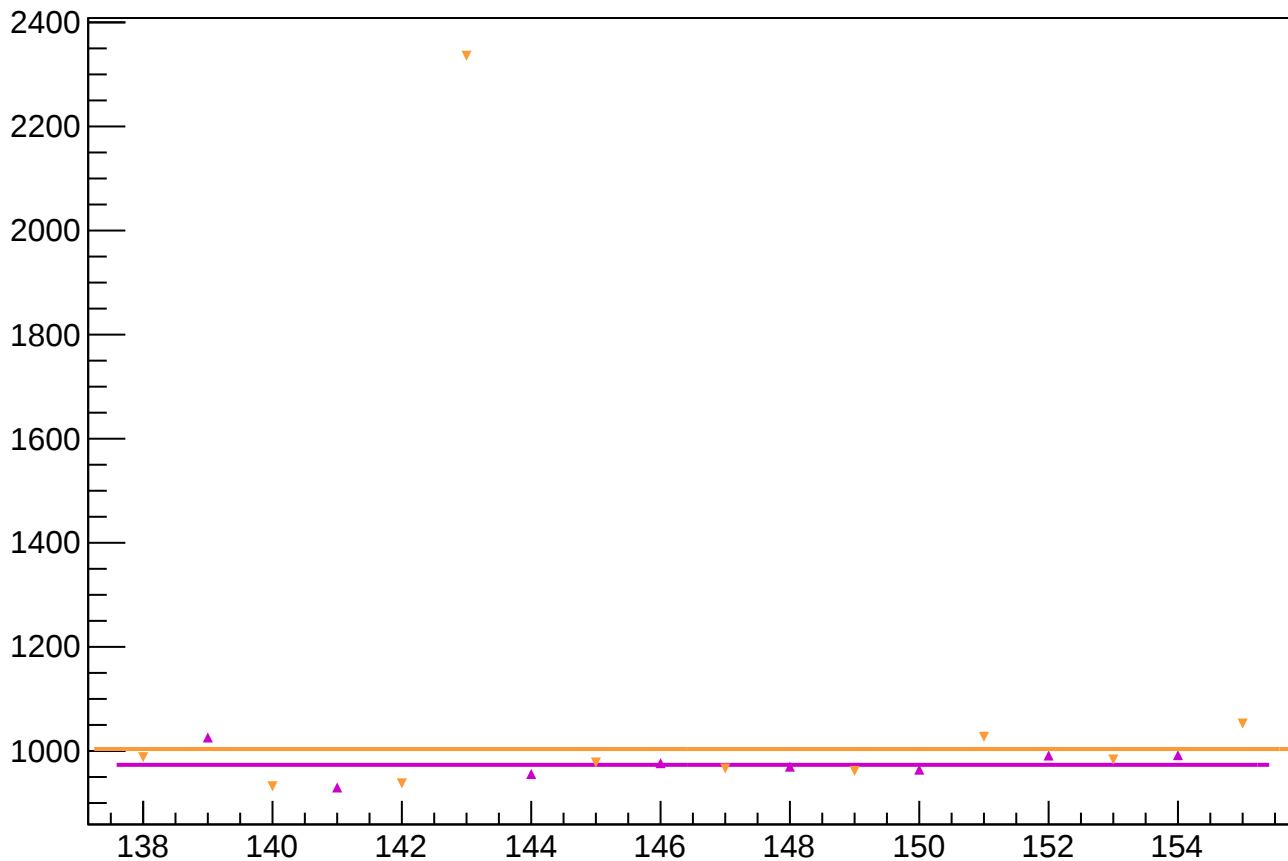
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 599.339+/-379.200 χ^2/NDF : 6.7/7

604.119+/-375.422 χ^2/NDF : 10.5/9

599.339+/-379.200 χ^2/NDF : 6.7/7

asym_us_agg_dd_rms vs Slug



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

Left Out: 1003.754+/-0.265 χ^2/NDF : 458451.5/9

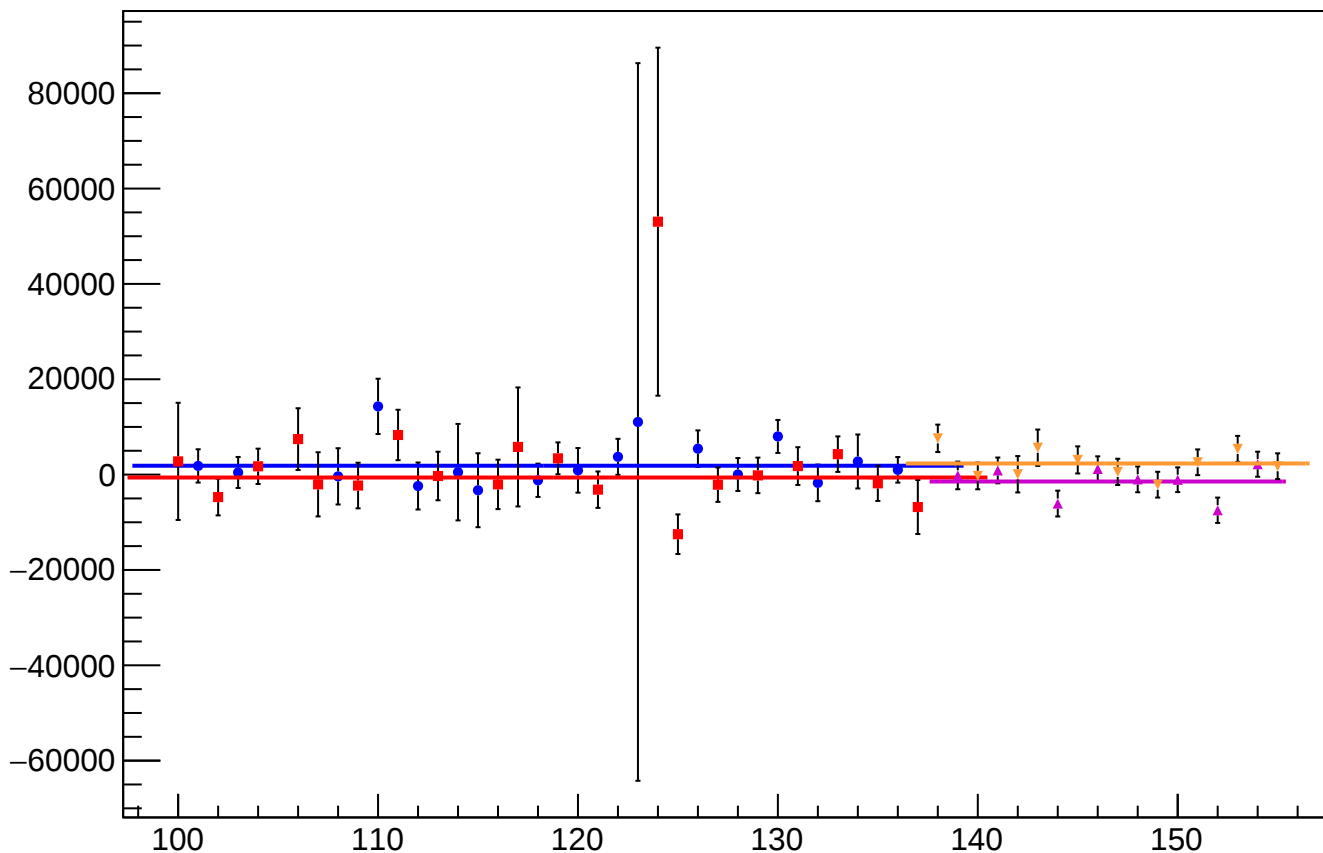
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 973.346+/-0.268 χ^2/NDF : 9420.7/7

1003.754+/-0.265 χ^2/NDF : 458451.5/9

973.346+/-0.268 χ^2/NDF : 9420.7/7

reg_asym_atl1_mean vs Slug



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

Left Out: 2332.244 $\pm$ 918.201 χ^2 /NDF: 9.8/9

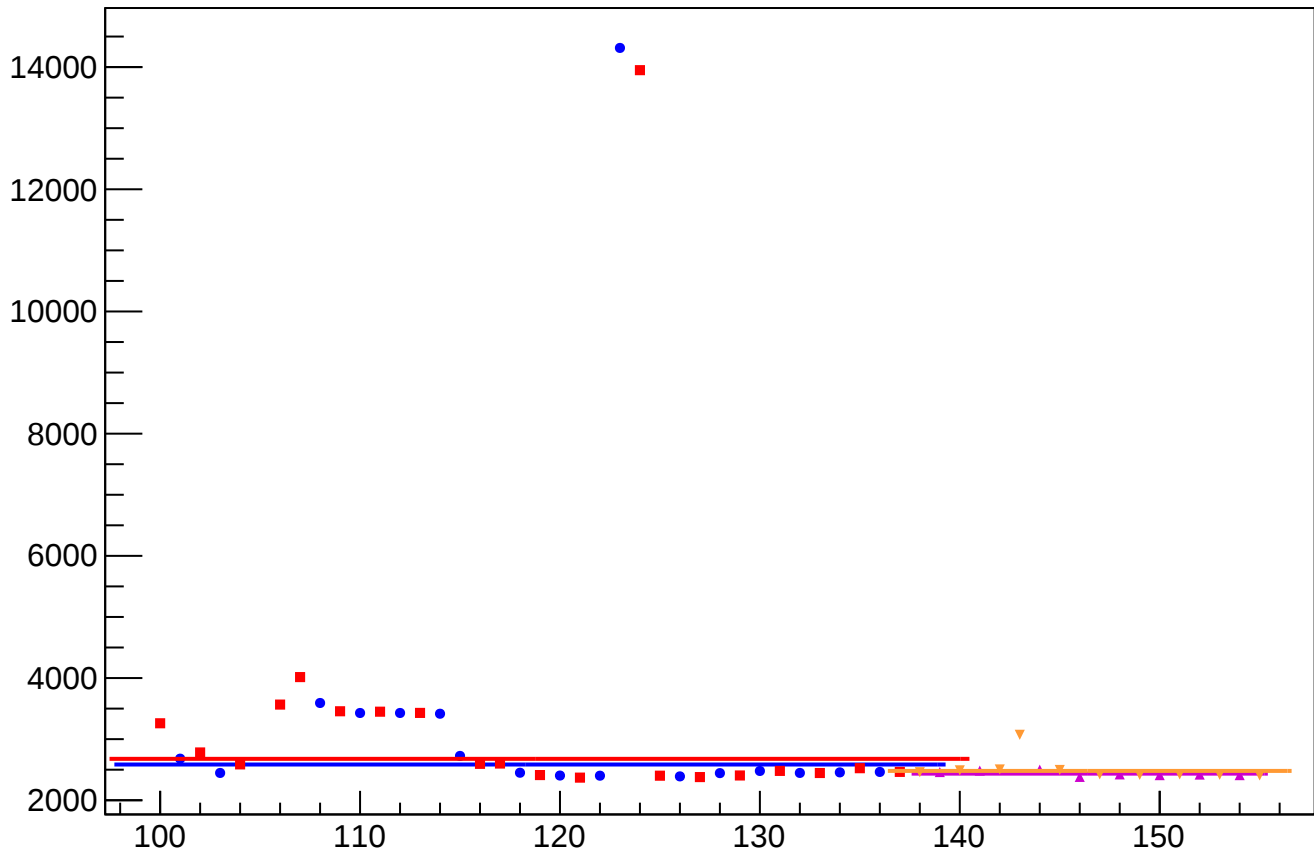
Right Out: -611.041 $\pm$ 1020.345 χ^2 /NDF: 22.3/19

Left In: -1448.901 $\pm$ 950.925 χ^2 /NDF: 11.9/7

2119.244 $\pm$ 680.451 χ^2 /NDF: 22.5/26

-1059.441 $\pm$ 695.654 χ^2 /NDF: 34.6/27

reg_asym_atl1_rms vs Slug



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

Left Out: 2480.107+/-0.649 χ^2/NDF : 53948.7/9

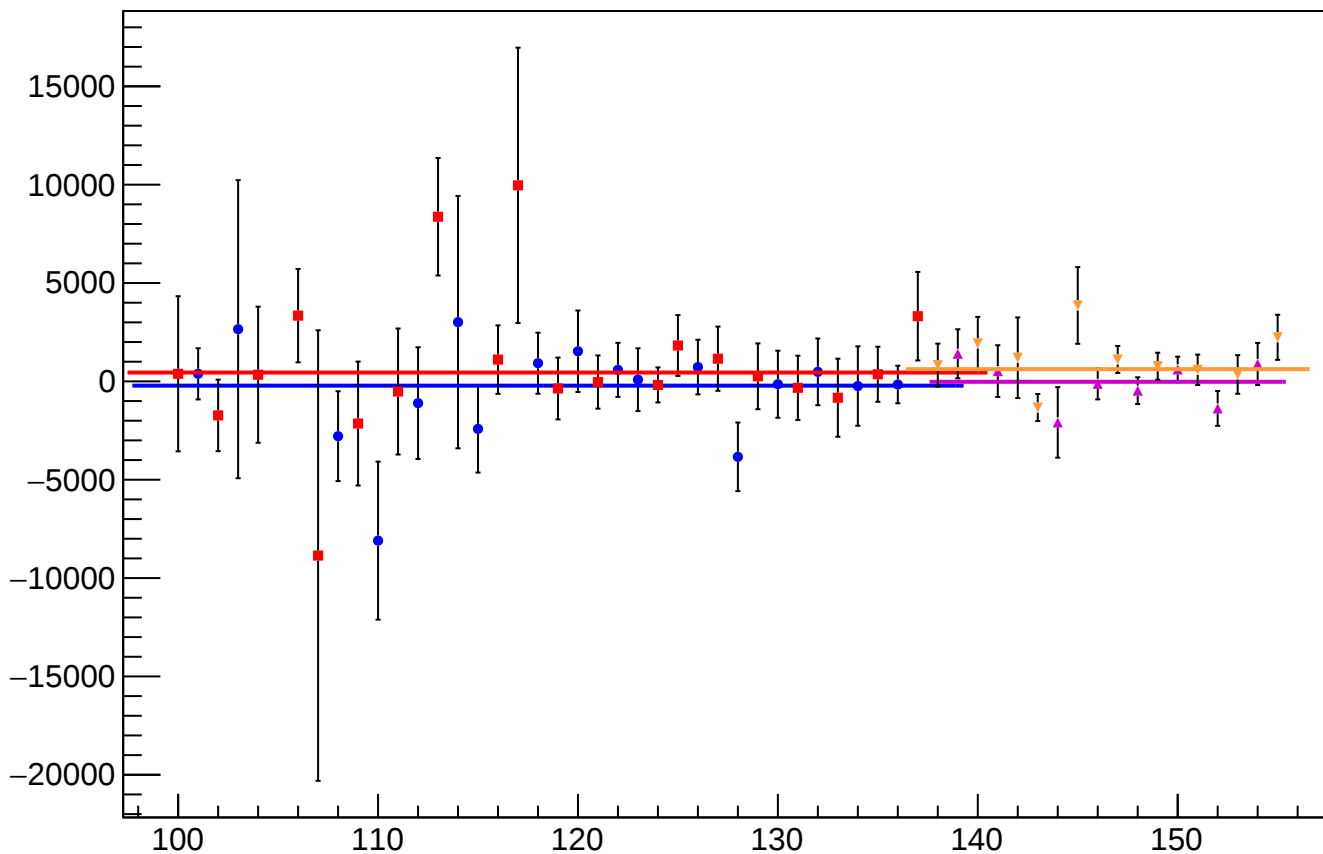
Right Out: 2677.711+/-0.721 χ^2/NDF : 532173.5/19

Left In: 2435.652+/-0.672 χ^2/NDF : 3272.7/7

2527.312+/-0.481 χ^2/NDF : 321385.1/26

2548.168+/-0.492 χ^2/NDF : 595684.4/27

asym_atl1_correction_mean vs Slug



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

Left Out: 622.361+/-292.080 χ^2 /NDF:14.5/9

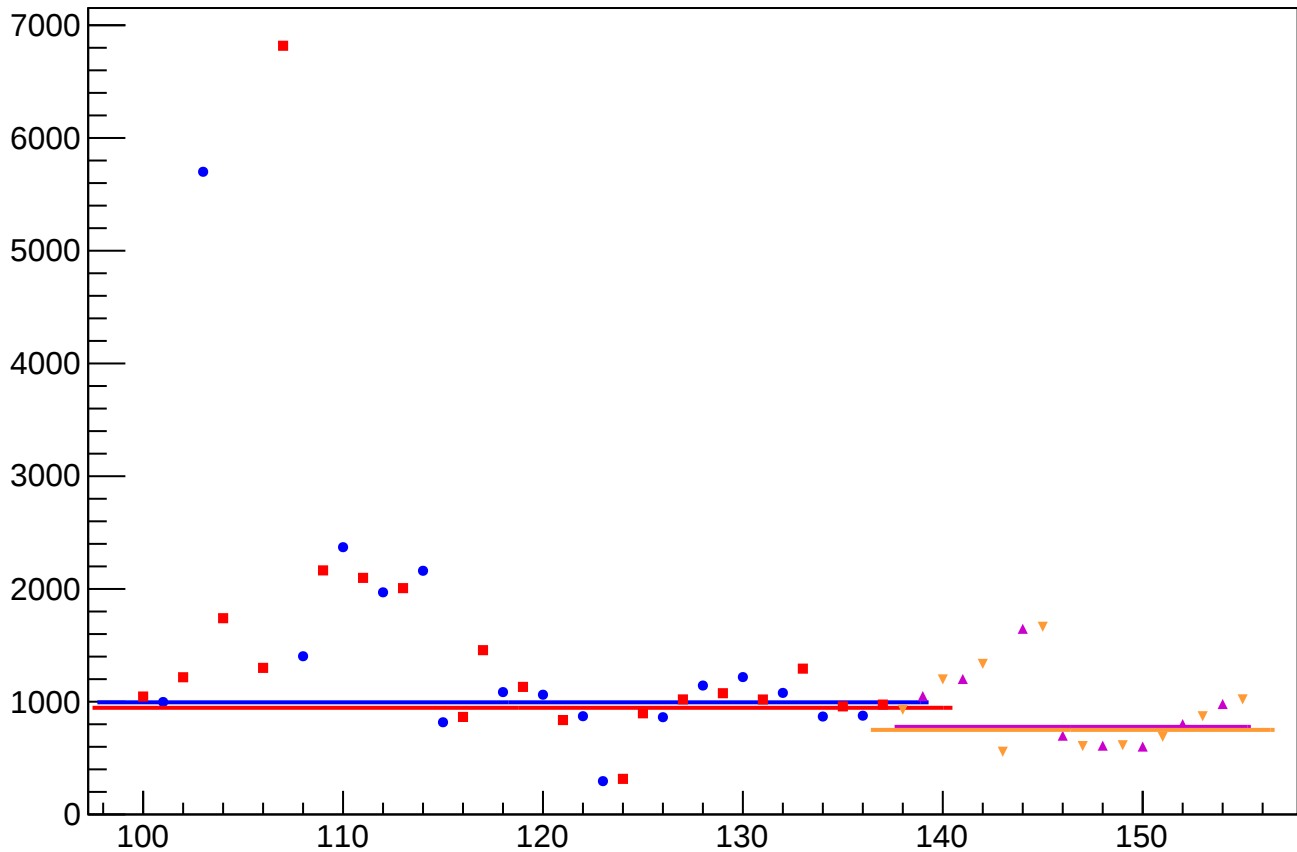
Right Out: 449.702+/-408.279 χ^2 /NDF: 17.5/19

Left In: -20.515+/-319.168 χ^2 /NDF:7.2/7

348.814+/-239.810 χ^2 /NDF: 30.6/26

157.844+/-251.452 χ^2 /NDF: 25.6/27

asym_atl1_correction_rms vs Slug



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

Left Out: 750.101 $\pm$ 0.207 χ^2 /NDF:1356388.4/9

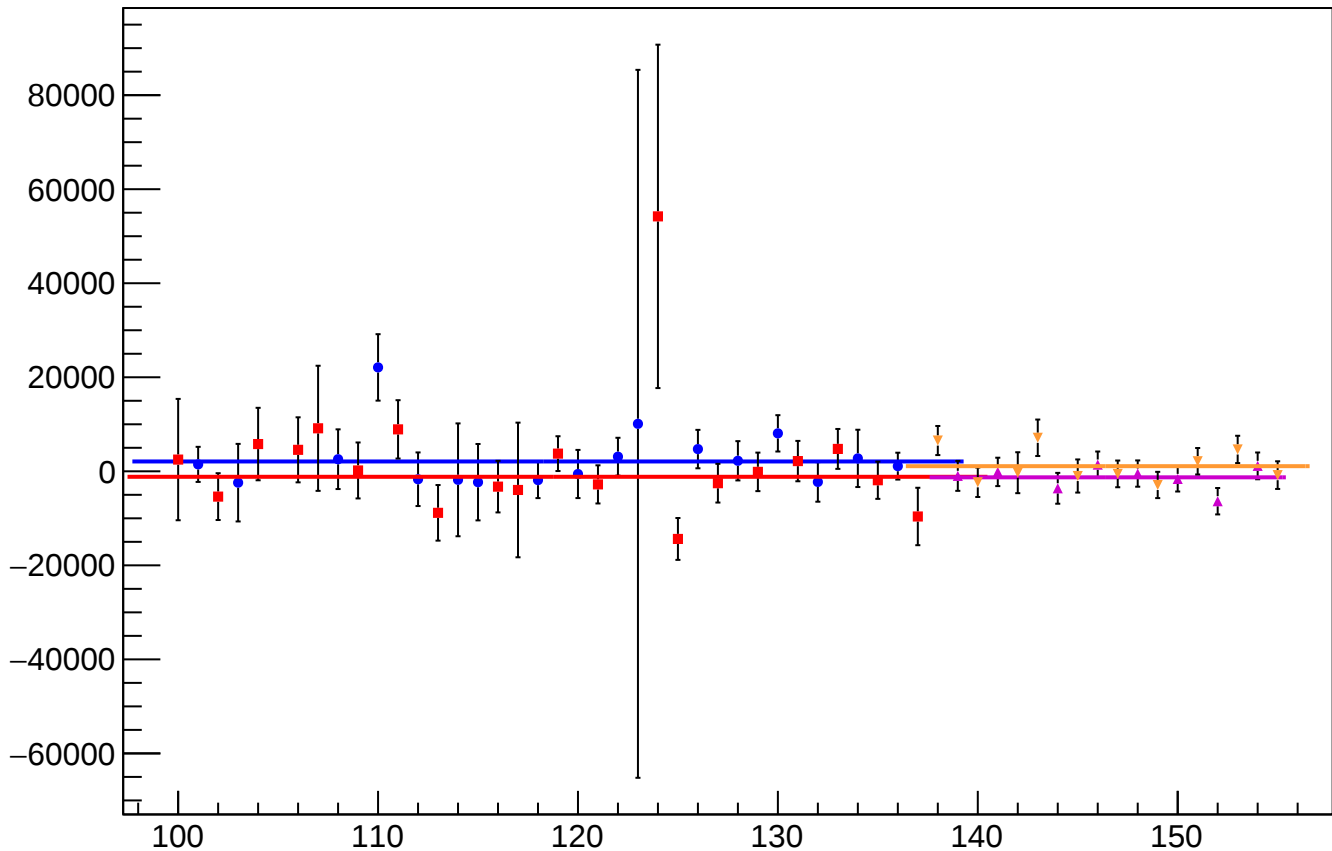
Right Out: 946.032 $\pm$ 0.289 χ^2 /NDF: 2676710.2/19

Left In: 776.880 $\pm$ 0.226 χ^2 /NDF:1132603.0/7

829.762 $\pm$ 0.170 χ^2 /NDF: 3717441.8/26

841.041 $\pm$ 0.178 χ^2 /NDF: 4022393.2/27

asym_atl1_mean vs Slug



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

Left Out: 1090.843+/-990.847 χ^2/NDF : 11.6/9

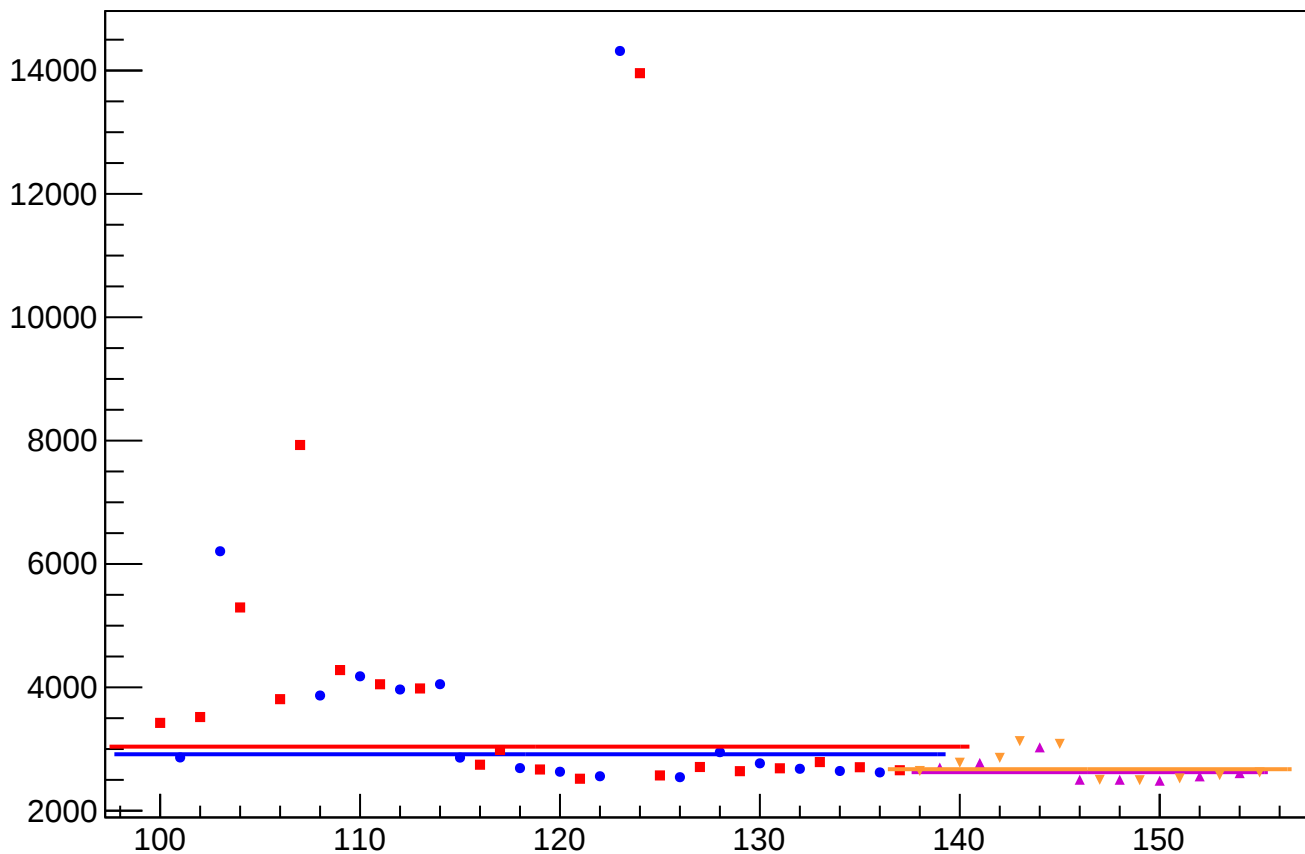
1513.855+/-753.526 χ^2/NDF : 26.7/26

Right Out: -1167.038+/-1182.950 χ^2/NDF : 25.2/19

-1232.179+/-775.460 χ^2/NDF : 30.9/27

Left In: -1281.265+/-1026.870 χ^2/NDF : 5.7/7

asym_atl1_rms vs Slug



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

Left Out: 2672.881+/-0.701 χ^2 /NDF:84654.3/9

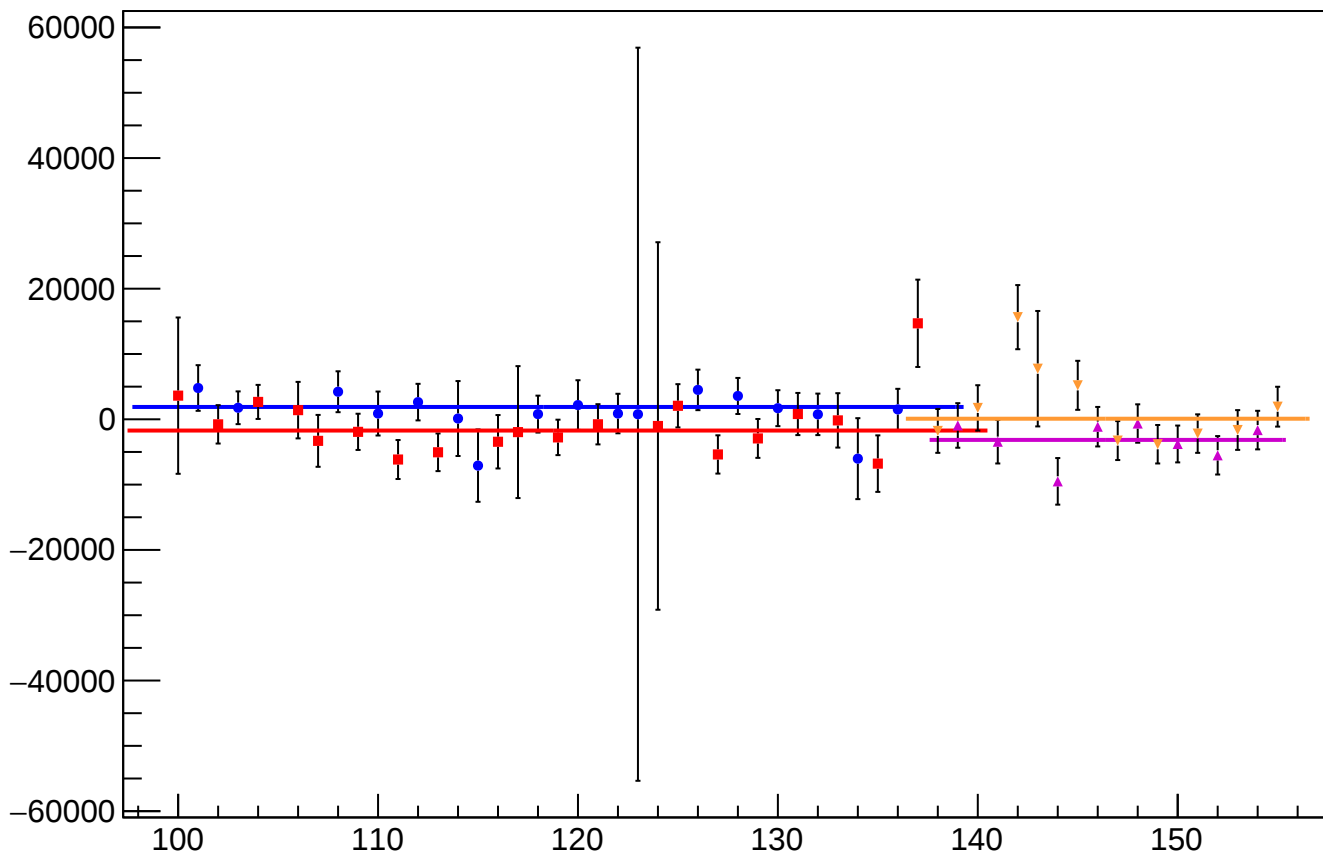
Right Out: 3038.763+/-0.836 χ^2 /NDF: 1011412.5/19

Left In: 2625.020+/-0.726 χ^2 /NDF:50361.4/7

2775.057+/-0.533 χ^2 /NDF: 774228.7/26

2802.813+/-0.548 χ^2 /NDF: 1201297.2/27

reg_asym_atl2_mean vs Slug



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

Left Out: 89.467 ± 1081.502 χ^2/NDF : 17.5/9

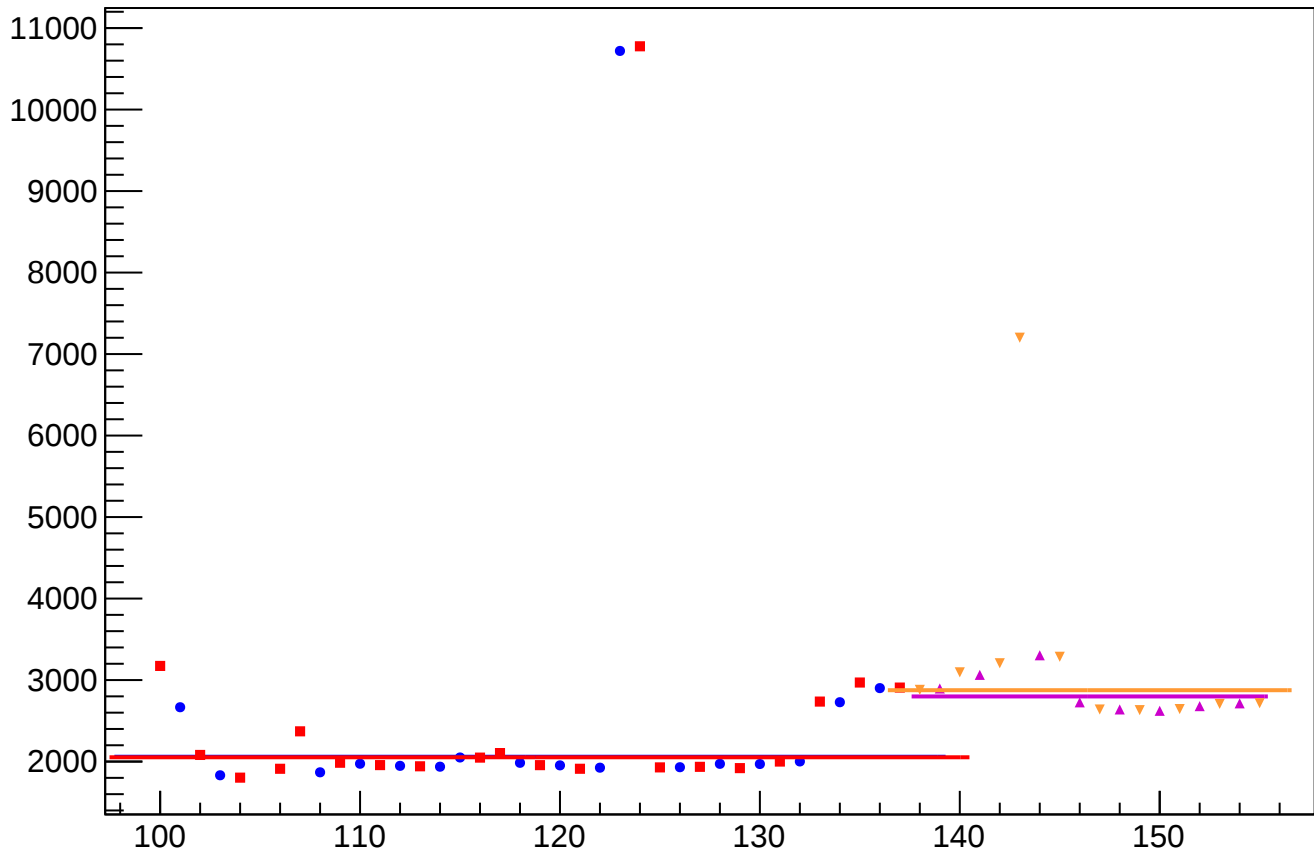
Right Out: -1720.591 ± 787.704 χ^2/NDF : 19.0/19

Left In: -3154.336 ± 1094.163 χ^2/NDF : 5.7/7

1241.461 ± 649.057 χ^2/NDF : 26.5/26

-2210.013 ± 639.274 χ^2/NDF : 25.8/27

reg_asym_atl2_rms vs Slug



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

Left Out: 2875.509+/-0.765 χ^2/NDF : 570265.8/9

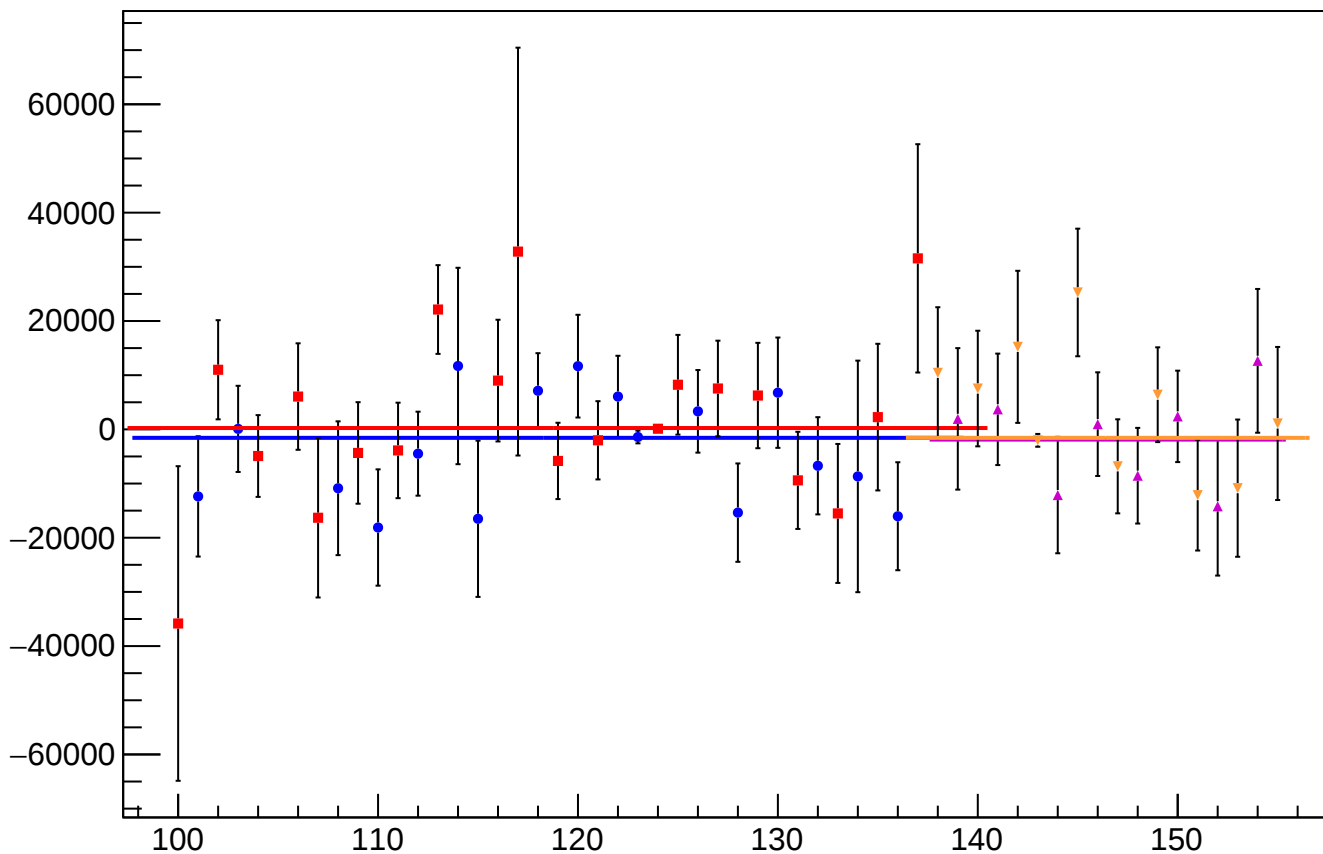
Right Out: 2052.576+/-0.557 χ^2/NDF : 443374.3/19

Left In: 2799.016+/-0.774 χ^2/NDF : 74104.7/7

2353.061+/-0.459 χ^2/NDF : 1618282.7/26

2307.378+/-0.452 χ^2/NDF : 1130544.5/27

asym_atl2_correction_mean vs Slug



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

Left Out: -1565.240+/-1125.061 χ^2/NDF : 11.3/9

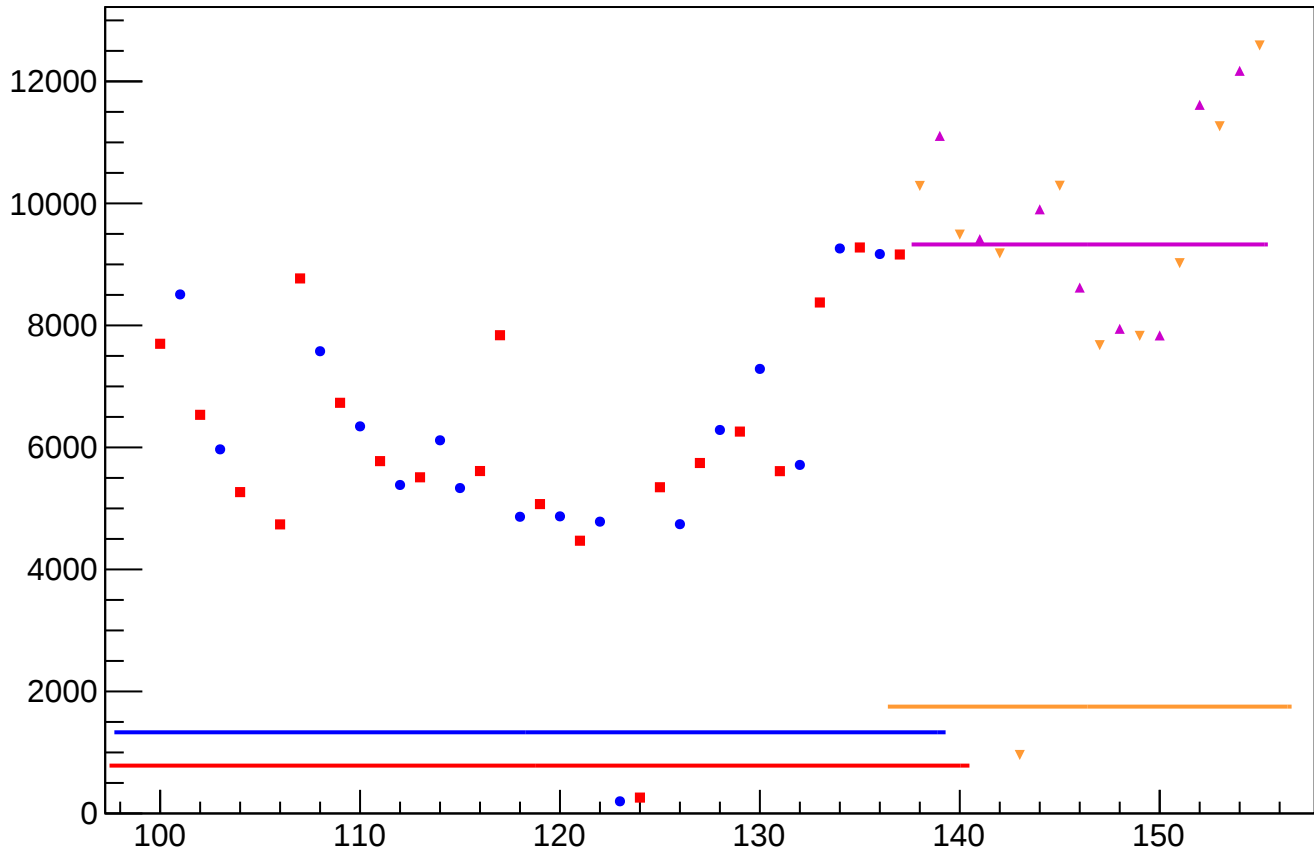
Right Out: 247.306+/-695.049 χ^2/NDF : 21.6/19

Left In: -1890.691+/-3686.676 χ^2/NDF : 4.3/7

-1564.163+/-769.165 χ^2/NDF : 27.5/26

173.923+/-683.016 χ^2/NDF : 26.2/27

asym_atl2_correction_rms vs Slug



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

Left Out: 1751.273+/-0.796 χ^2/NDF : 9770244.0/9

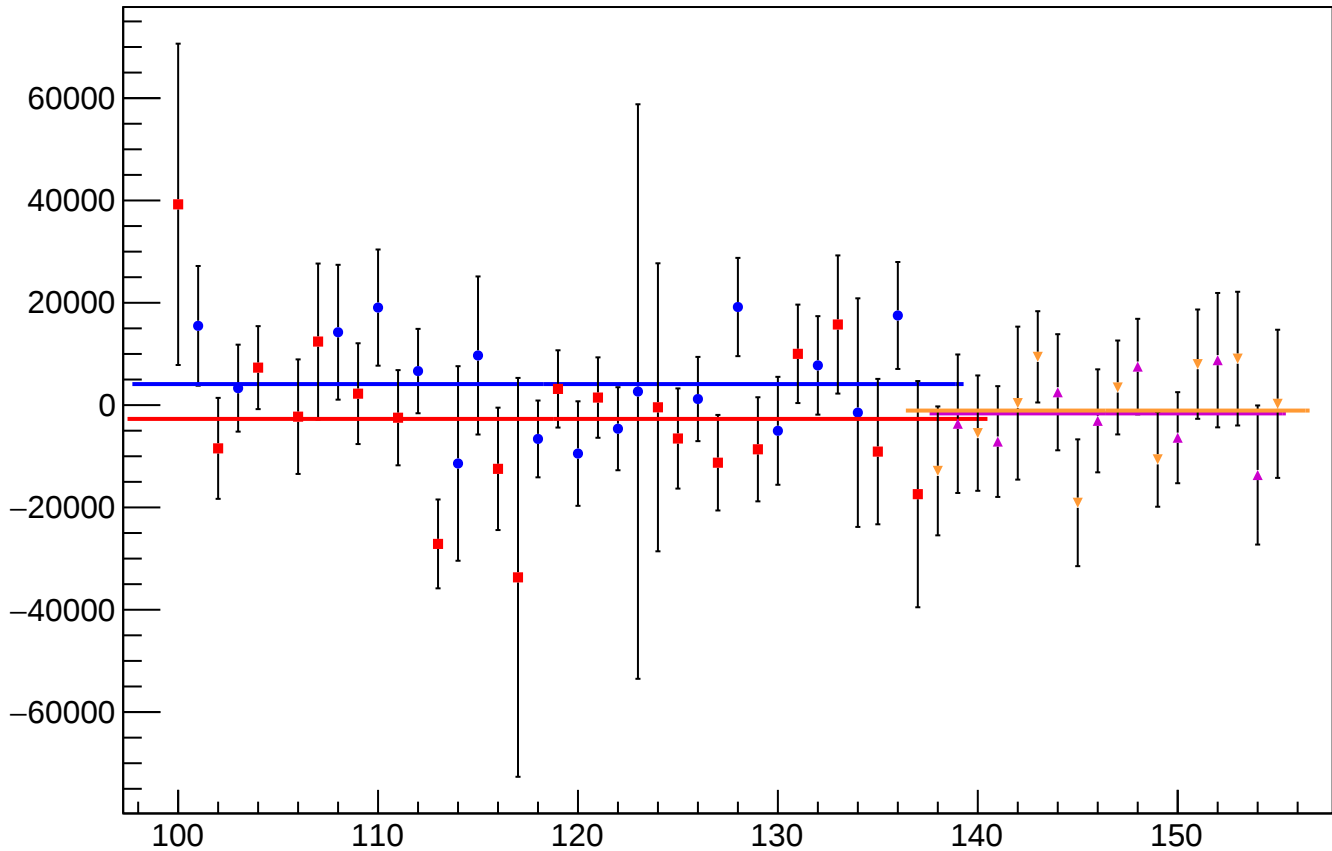
Right Out: 784.254+/-0.491 χ^2/NDF : 11510186.9/19

Left In: 9327.130+/-2.607 χ^2/NDF : 321562.8/7

1527.035+/-0.544 χ^2/NDF : 19966246.9/26

1077.476+/-0.483 χ^2/NDF : 22202252.0/27

asym_atl2_mean vs Slug



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

Left Out: -1066.787 $\pm$ 3522.130 χ^2 /NDF: 7.2/9

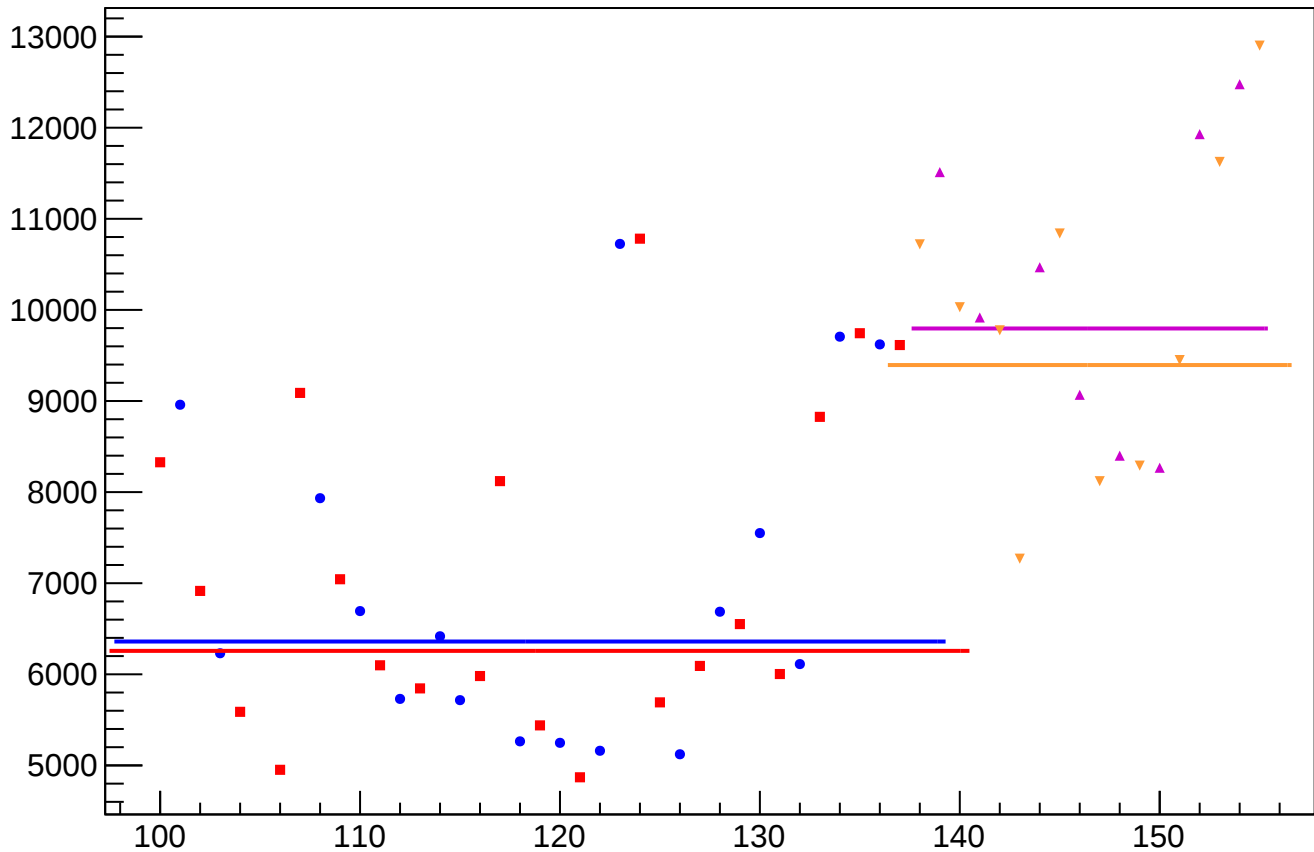
Right Out: -2697.106 $\pm$ 2415.828 χ^2 /NDF: 20.6/19

Left In: -1620.728 $\pm$ 3865.595 χ^2 /NDF: 3.1/7

2345.126 $\pm$ 2057.201 χ^2 /NDF: 22.9/26

-2394.783 $\pm$ 2048.659 χ^2 /NDF: 23.7/27

asym_atl2_rms vs Slug



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

Left Out: 9394.781+/-2.491 χ^2/NDF : 412950.7/9

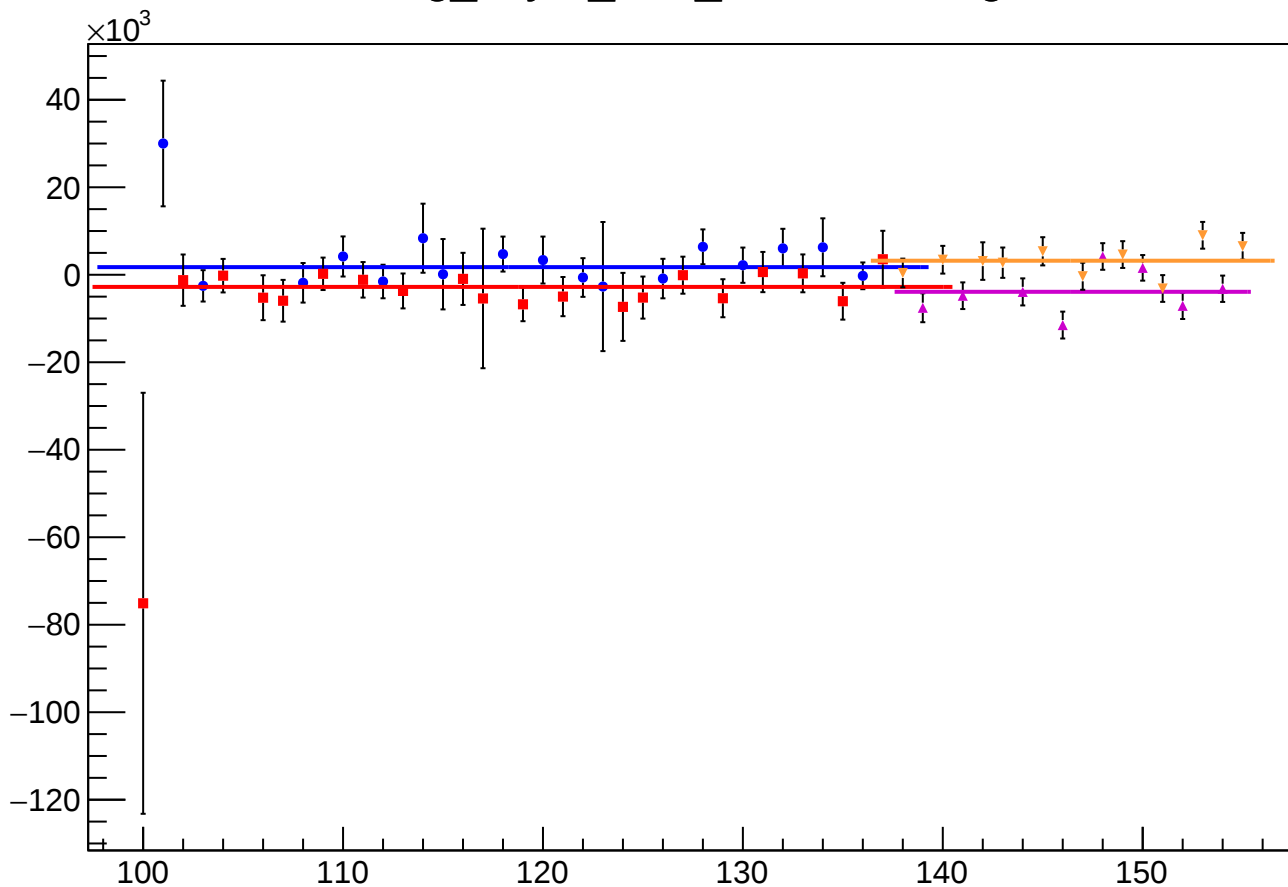
7395.255+/-1.455 χ^2/NDF : 1971748.2/26

Right Out: 6257.232+/-1.708 χ^2/NDF : 537553.3/19

7251.122+/-1.449 χ^2/NDF : 2027103.8/27

Left In: 9796.070+/-2.733 χ^2/NDF : 284134.9/7

reg_asym_atr1_mean vs Slug



Right In: 1746.001 ± 1128.522 χ^2/NDF : 12.2/16

Left Out: 3212.267 ± 1021.596 χ^2/NDF : 11.8/9

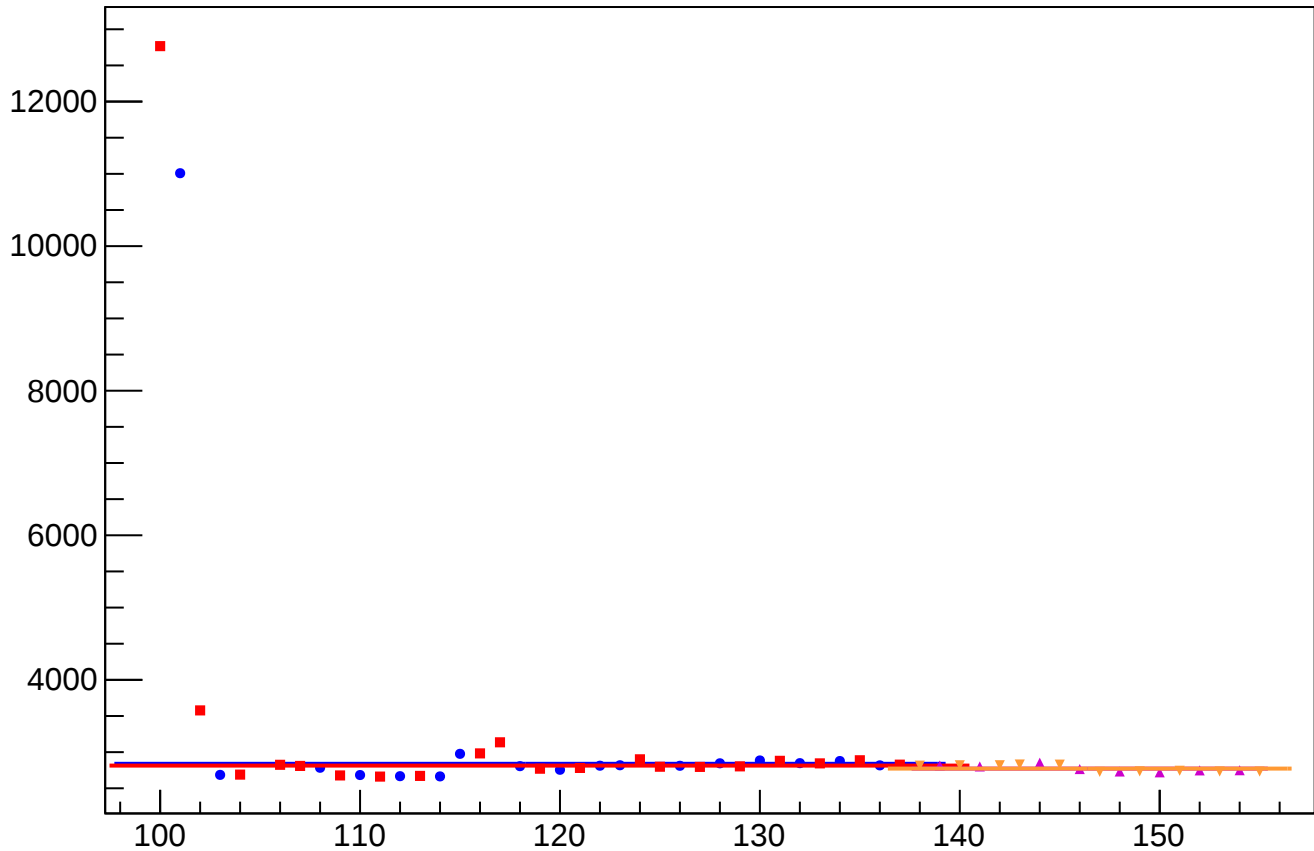
Right Out: -2775.793 ± 1069.534 χ^2/NDF : 9.7/19

Left In: -3896.012 ± 1081.661 χ^2/NDF : 19.2/7

2551.872 ± 757.366 χ^2/NDF : 25.0/26

-3329.587 ± 760.526 χ^2/NDF : 29.4/27

reg_asym_atr1_rms vs Slug



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

Left Out: 2772.550+/-0.722 χ^2/NDF : 3705.4/9

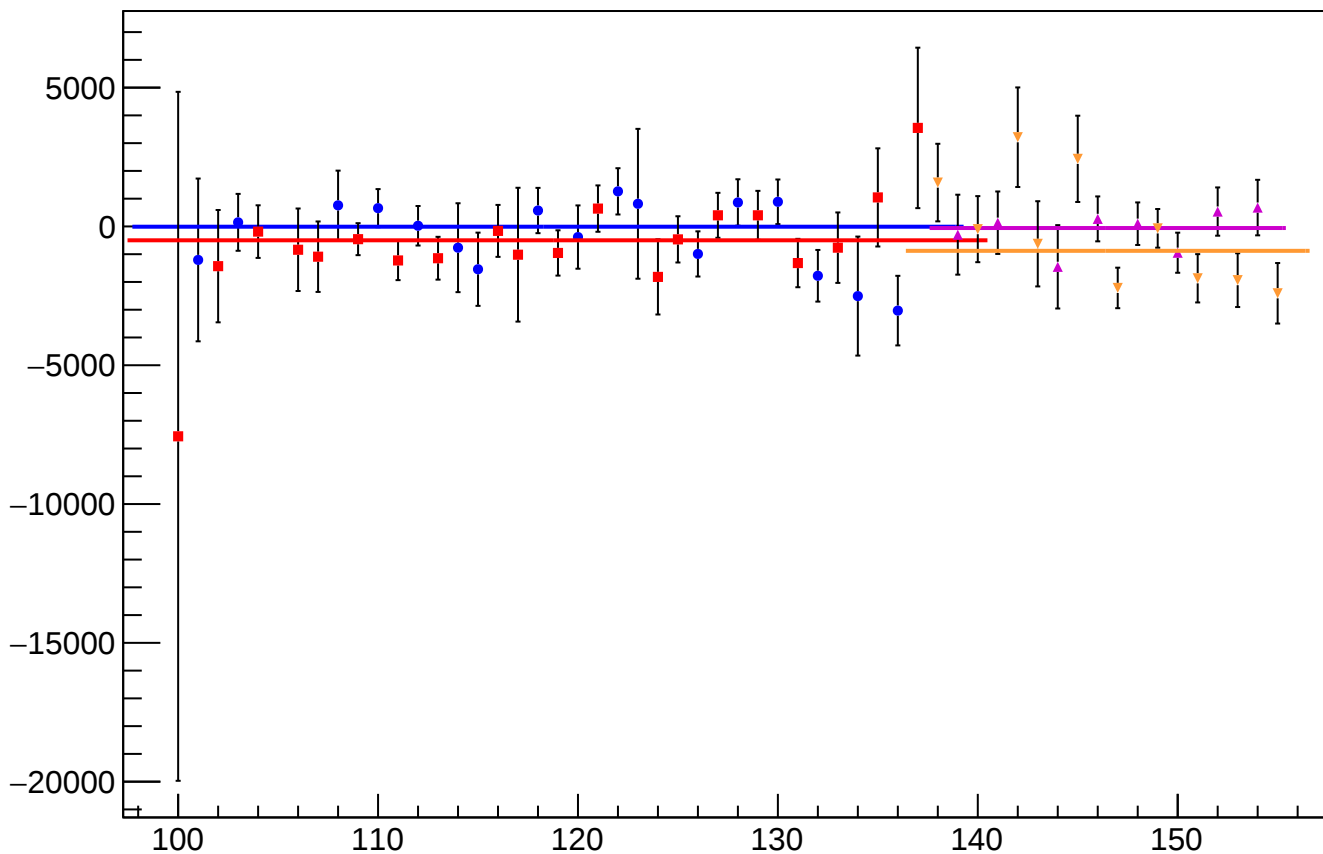
Right Out: 2814.083+/-0.756 χ^2/NDF : 133883.7/19

Left In: 2771.884+/-0.765 χ^2/NDF : 3144.1/7

2802.360+/-0.536 χ^2/NDF : 667695.8/26

2793.221+/-0.538 χ^2/NDF : 138567.0/27

asym_atr1_correction_mean vs Slug



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

Left Out: -878.762+/-323.837 χ^2/NDF : 22.5/9

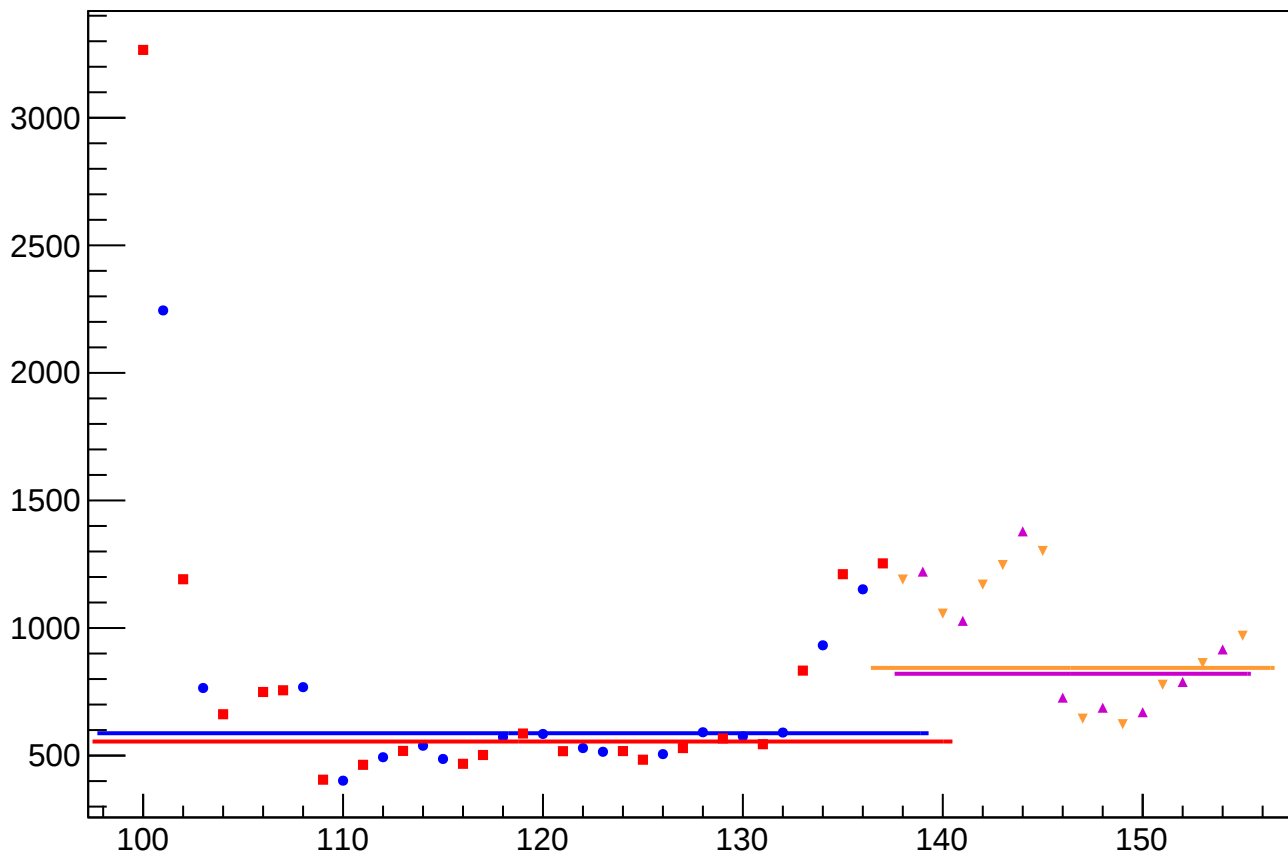
Right Out: -499.625+/-220.558 χ^2/NDF : 11.9/19

Left In: -57.462+/-329.895 χ^2/NDF : 3.7/7

-320.676+/-193.686 χ^2/NDF : 47.8/26

-363.037+/-183.354 χ^2/NDF : 16.8/27

asym_atr1_correction_rms vs Slug



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

Left Out: 843.733+/-0.229 χ^2/NDF : 953577.7/9

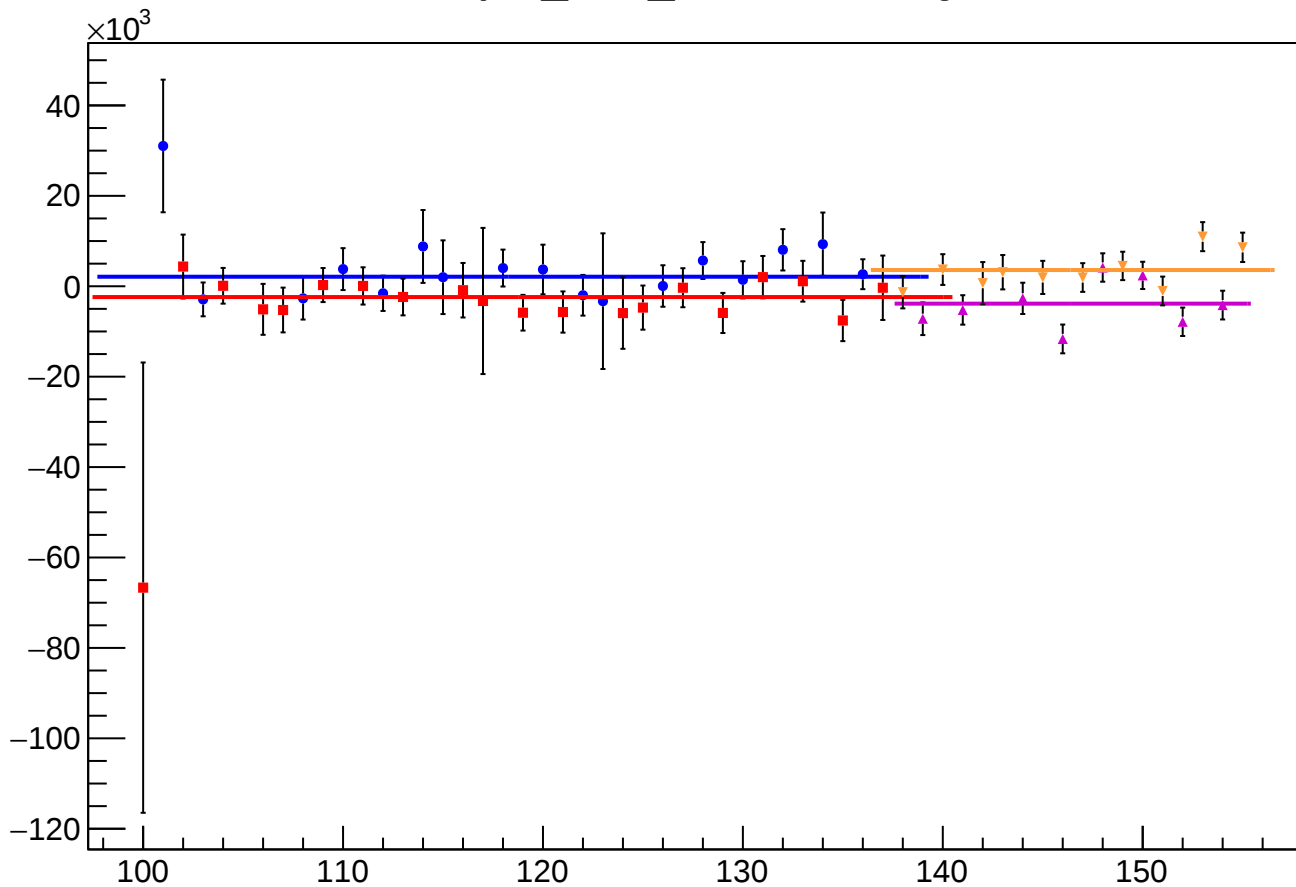
Right Out: 555.088+/-0.156 χ^2/NDF : 1107729.2/19

Left In: 820.663+/-0.233 χ^2/NDF : 694366.4/7

679.222+/-0.137 χ^2/NDF : 3182955.0/26

637.126+/-0.130 χ^2/NDF : 2697852.0/27

asym_atr1_mean vs Slug



Right In: 2108.498 ± 1164.336 χ^2/NDF : 13.5/16

Left Out: 3587.563 ± 1088.094 χ^2/NDF : 12.6/9

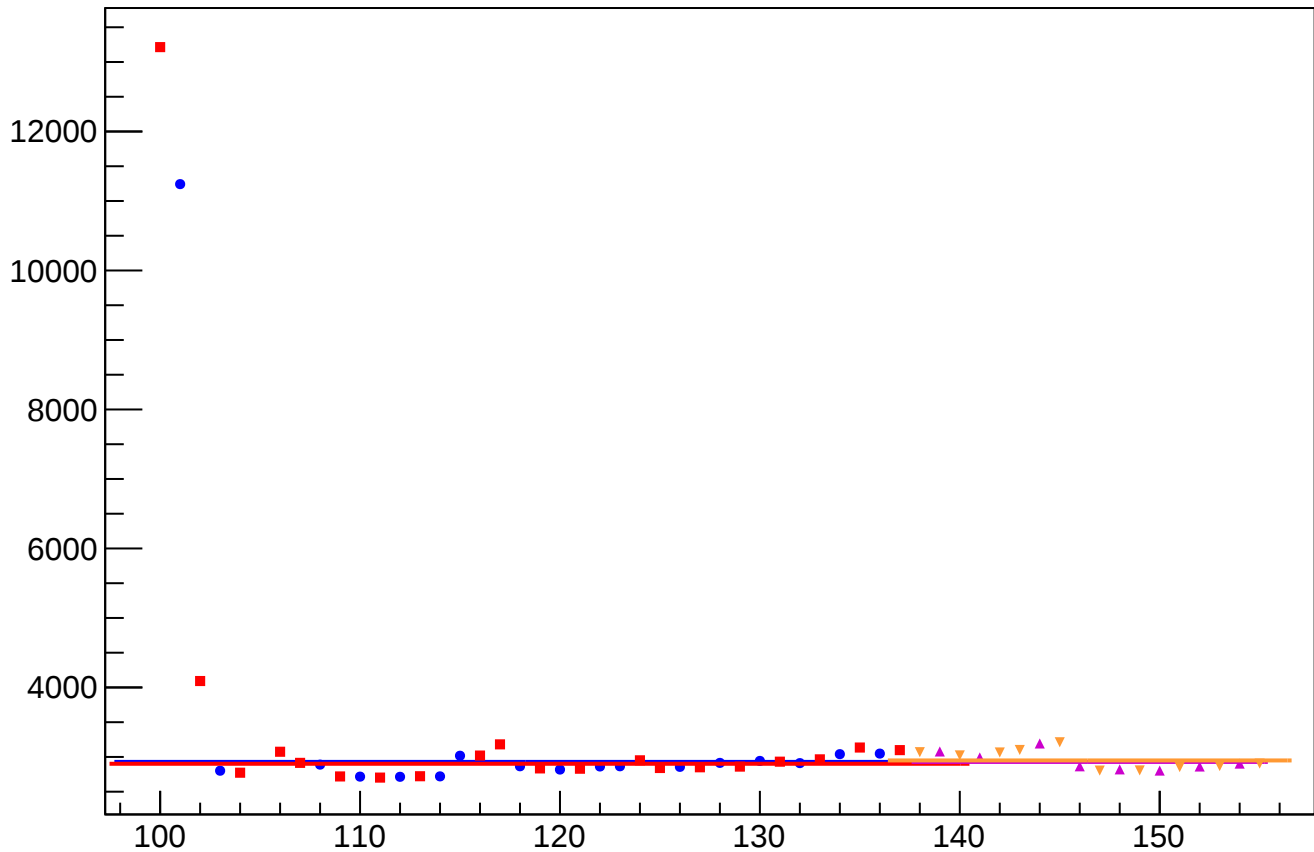
Right Out: -2389.947 ± 1107.639 χ^2/NDF : 9.9/19

Left In: -3845.589 ± 1143.635 χ^2/NDF : 19.6/7

2898.038 ± 794.987 χ^2/NDF : 27.0/26

-3094.499 ± 795.640 χ^2/NDF : 30.3/27

asym_atr1_rms vs Slug



Right In: 2928.700+/-0.823 χ^2/NDF : 662362.9/16

Left Out: 2949.716+/-0.769 χ^2/NDF : 29504.6/9

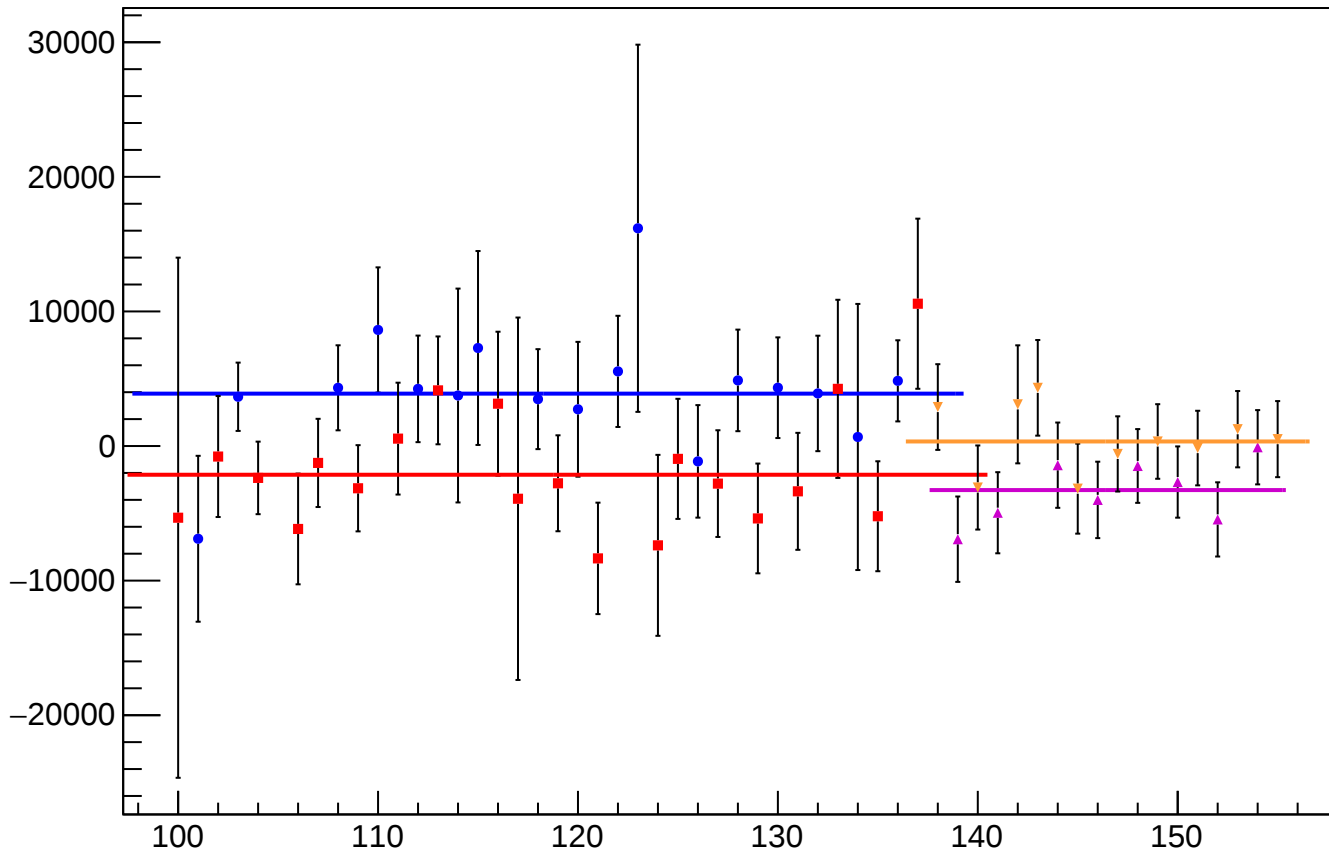
2939.919+/-0.562 χ^2/NDF : 692215.3/26

Right Out: 2901.790+/-0.783 χ^2/NDF : 170320.9/19

2914.672+/-0.563 χ^2/NDF : 194408.5/27

Left In: 2928.404+/-0.809 χ^2/NDF : 23528.7/7

reg_asym_atr2_mean vs Slug



Right In: 3892.504 ± 1011.718 $\chi^2/\text{NDF}: 7.1/16$

Left Out: 338.912 ± 971.296 $\chi^2/\text{NDF}: 4.8/9$

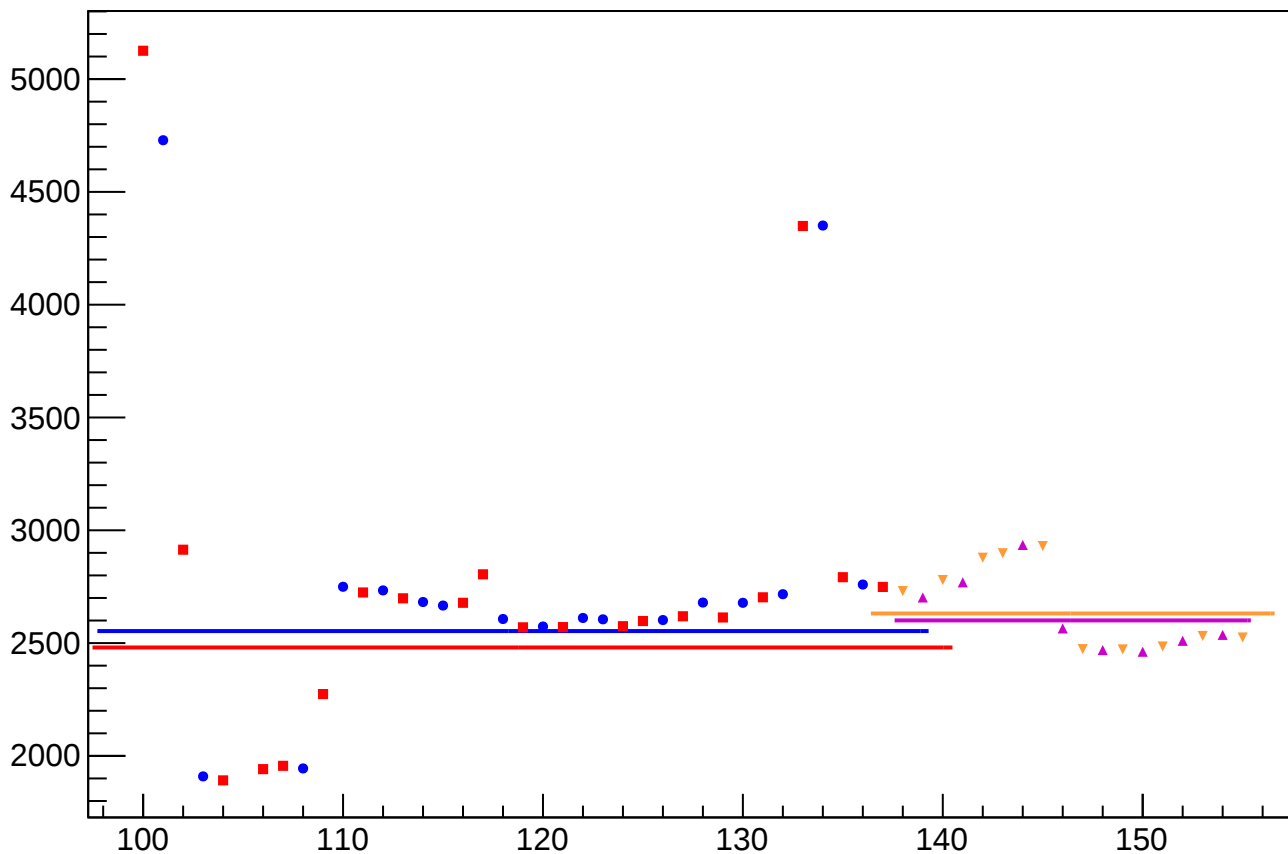
Right Out: -2133.736 ± 955.999 $\chi^2/\text{NDF}: 14.4/19$

Left In: -3272.717 ± 1014.279 $\chi^2/\text{NDF}: 4.5/7$

2043.301 ± 700.665 $\chi^2/\text{NDF}: 18.4/26$

-2669.566 ± 695.685 $\chi^2/\text{NDF}: 19.5/27$

reg_asym_atr2_rms vs Slug



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

Left Out: 2631.227+/-0.687 χ^2/NDF : 63956.9/9

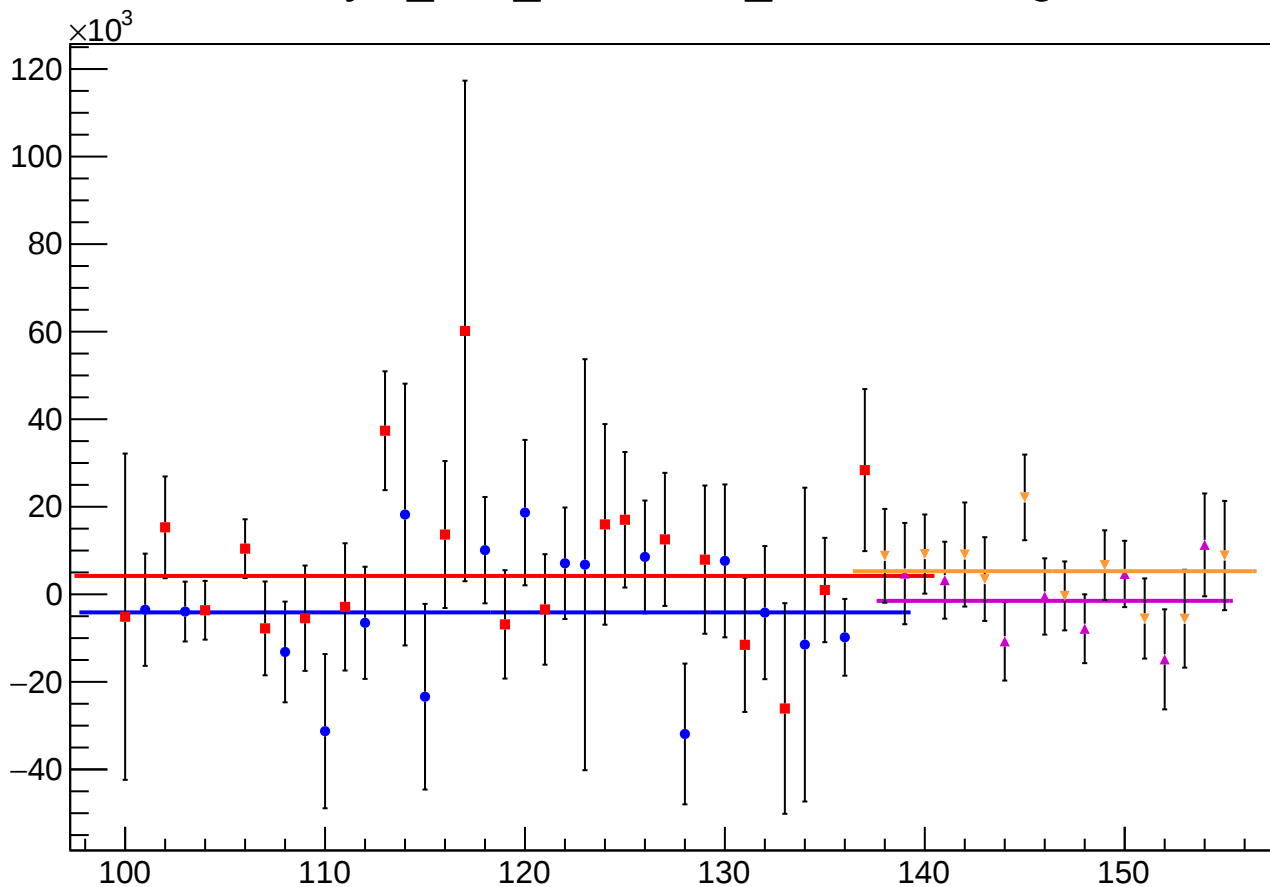
Right Out: 2480.504+/-0.676 χ^2/NDF : 450669.1/19

Left In: 2600.532+/-0.717 χ^2/NDF : 44280.0/7

2593.842+/-0.495 χ^2/NDF : 615361.5/26

2536.970+/-0.492 χ^2/NDF : 509781.0/27

asym_atr2_correction_mean vs Slug



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

Left Out: 5282.480 ± 3046.959 χ^2/NDF : 6.4/9

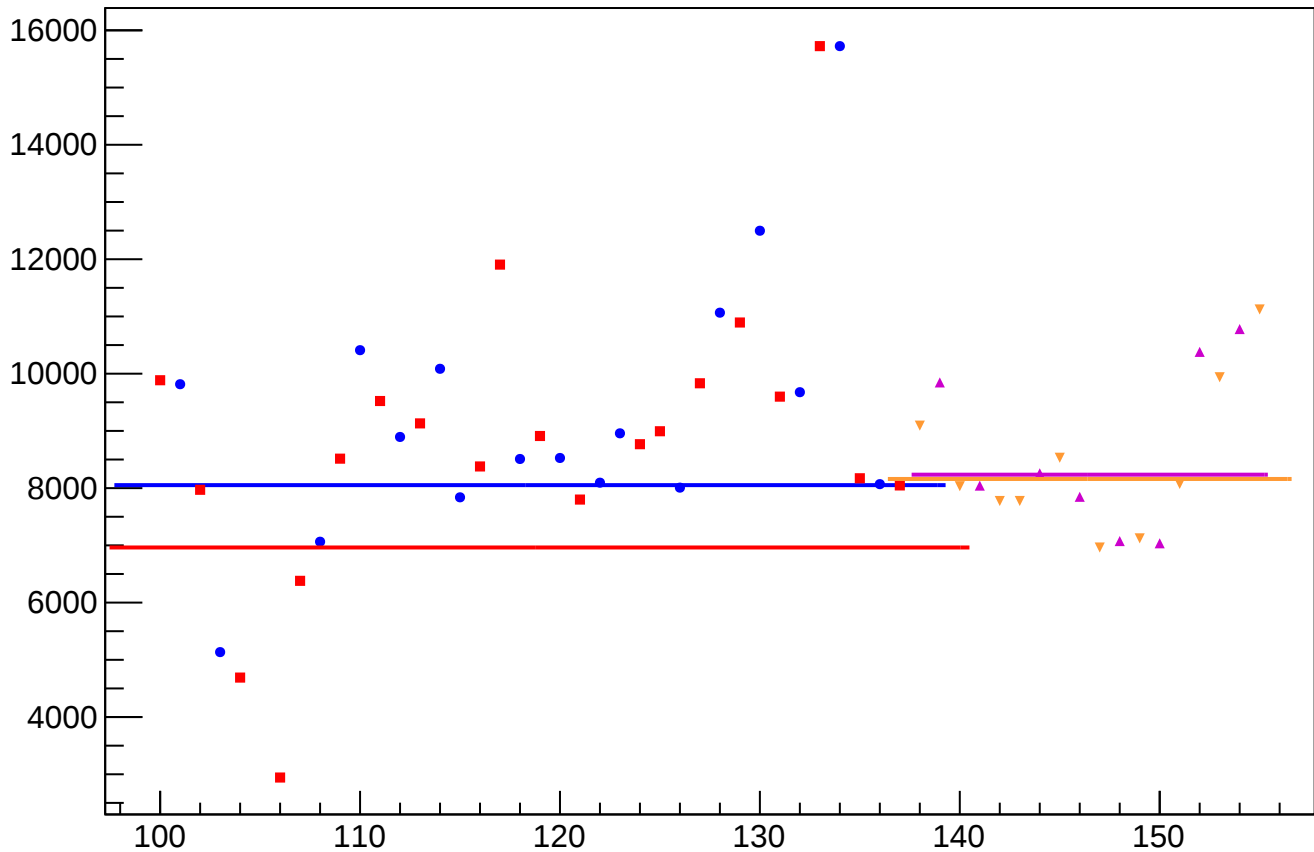
Right Out: 4197.870 ± 2830.850 χ^2/NDF : 19.5/19

Left In: -1489.959 ± 3252.852 χ^2/NDF : 5.5/7

847.921 ± 2215.455 χ^2/NDF : 24.2/26

1746.608 ± 2135.433 χ^2/NDF : 26.7/27

asym_atr2_correction_rms vs Slug



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

Left Out: 8160.199+/-2.155 χ^2/NDF : 267477.1/9

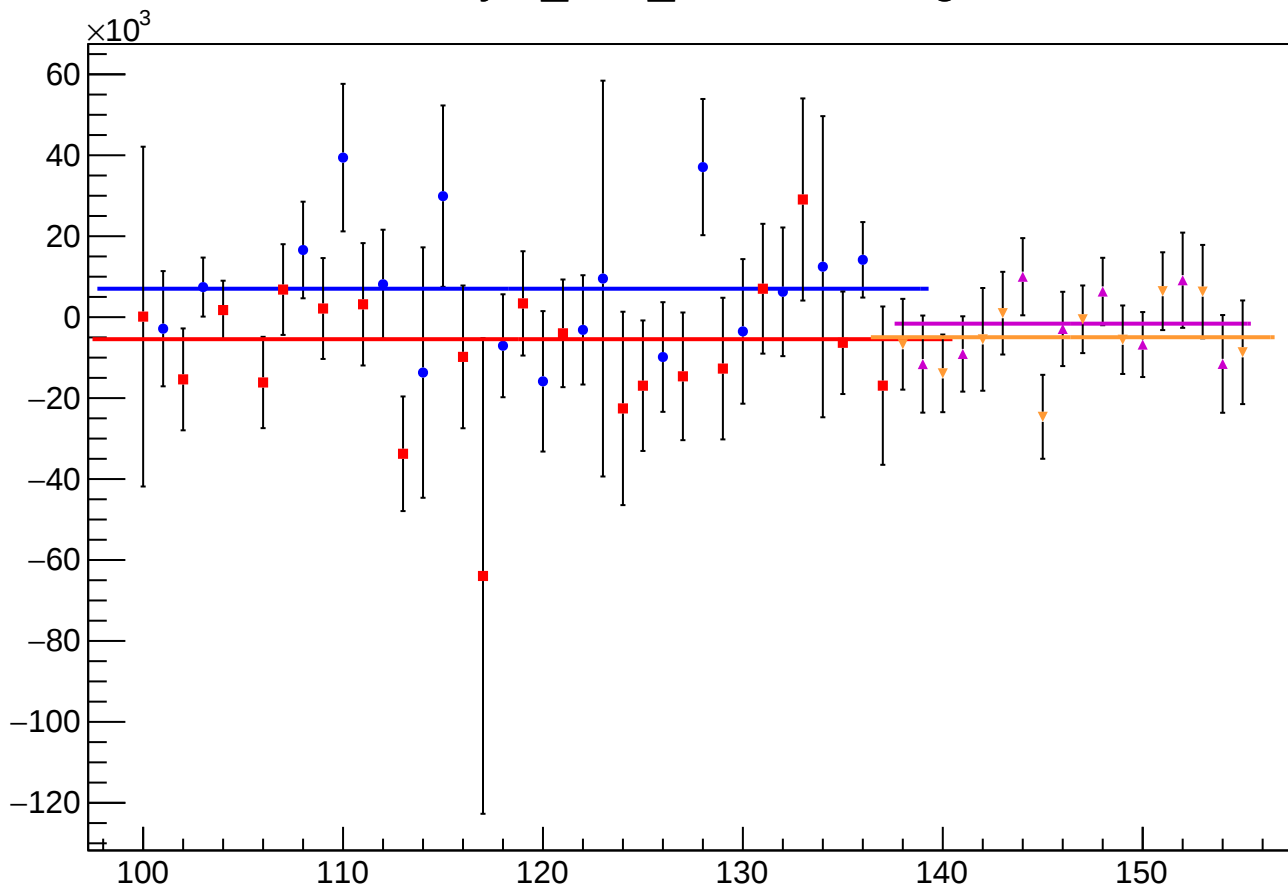
8109.463+/-1.567 χ^2/NDF : 1059377.8/26

Right Out: 6963.091+/-2.002 χ^2/NDF : 1791563.9/19

7511.320+/-1.510 χ^2/NDF : 2267306.8/27

Left In: 8235.185+/-2.300 χ^2/NDF : 301691.2/7

asym_atr2_mean vs Slug



Right In: 7025.400 $\pm$ 3409.490 χ^2 /NDF: 15.0/16

Left Out: -4957.613 $\pm$ 3217.204 χ^2 /NDF: 7.5/9

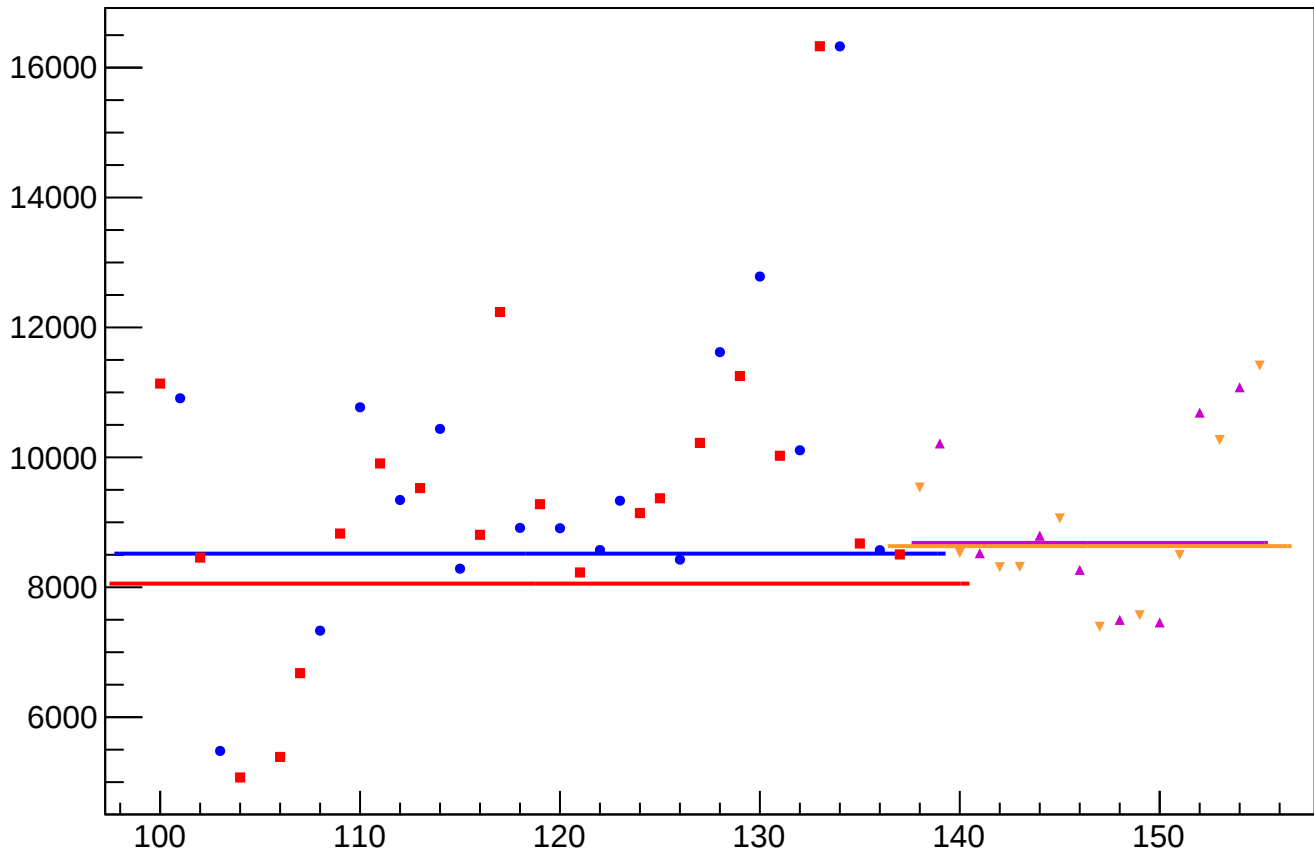
Right Out: -5441.890 $\pm$ 3163.600 χ^2 /NDF: 14.3/19

Left In: -1606.660 $\pm$ 3422.497 χ^2 /NDF: 5.7/7

686.477 $\pm$ 2339.932 χ^2 /NDF: 29.1/26

-3674.804 $\pm$ 2323.145 χ^2 /NDF: 20.7/27

asym_atr2_rms vs Slug



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

Left Out: 8633.460+/-2.275 χ^2 /NDF: 230277.6/9

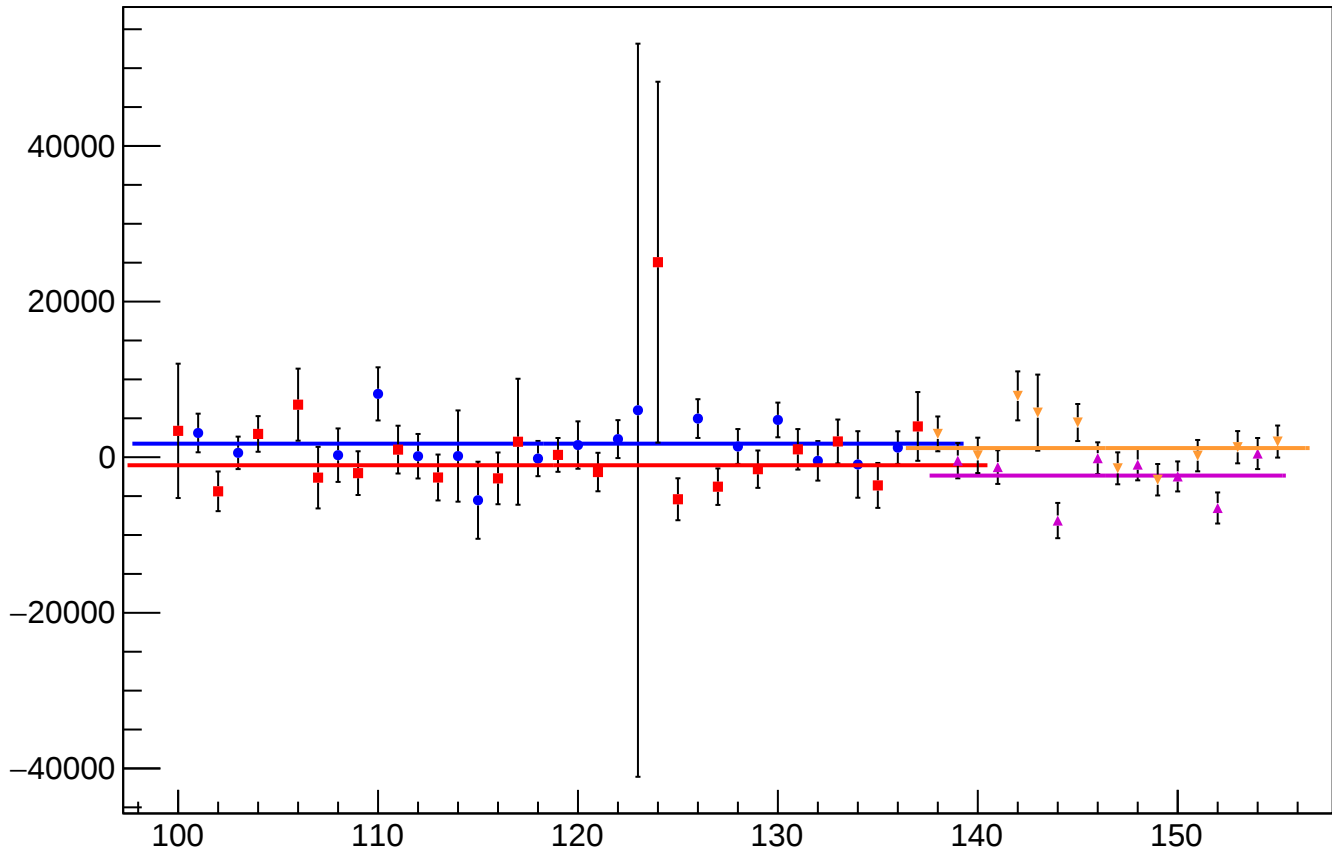
Right Out: 8056.153+/-2.237 χ^2 /NDF: 962282.6/19

Left In: 8682.584+/-2.420 χ^2 /NDF: 261383.7/7

8579.024+/-1.655 χ^2 /NDF: 994774.7/26

8344.771+/-1.643 χ^2 /NDF: 1259798.5/27

reg_asym_atl_avg_mean vs Slug



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

Left Out: 1173.290 $\pm$ 723.532 χ^2 /NDF: 14.2/9

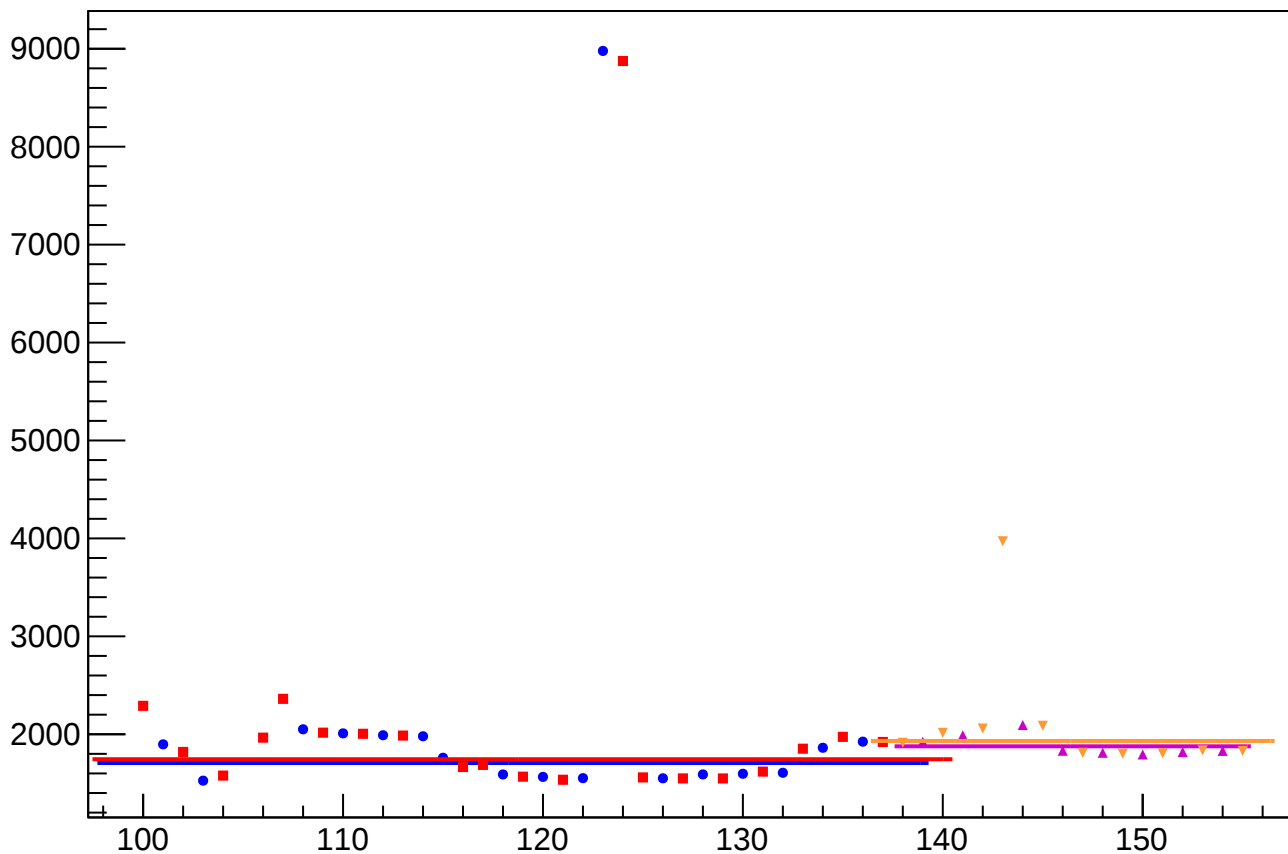
Right Out: -1034.828 $\pm$ 668.692 χ^2 /NDF: 19.0/19

Left In: -2362.483 $\pm$ 733.803 χ^2 /NDF: 15.5/7

1478.024 $\pm$ 491.754 χ^2 /NDF: 27.0/26

-1637.151 $\pm$ 494.256 χ^2 /NDF: 36.3/27

reg_asym_atl_avg_rms vs Slug



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

Left Out: 1931.541+/-0.512 χ^2/NDF : 394744.6/9

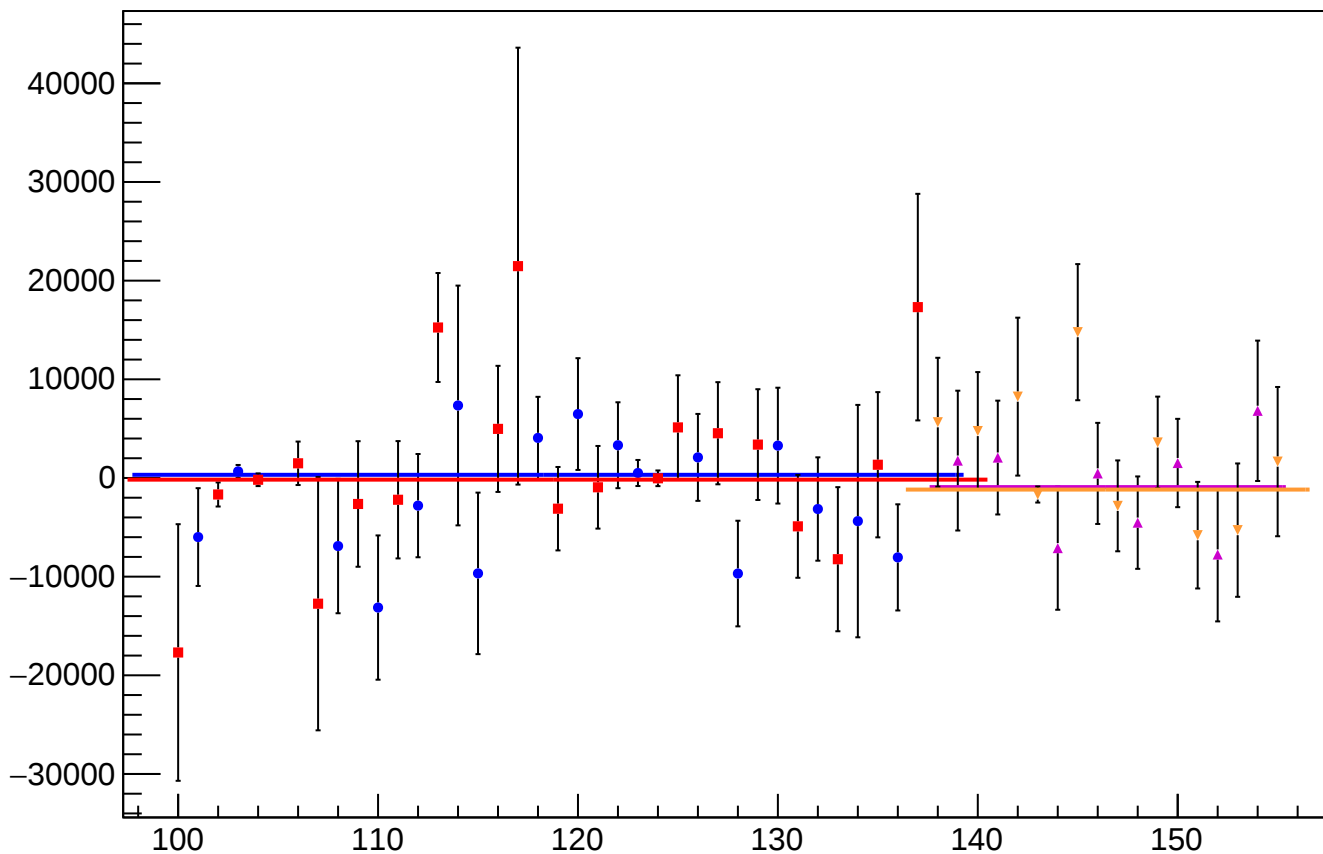
Right Out: 1745.037+/-0.471 χ^2/NDF : 399916.1/19

Left In: 1876.947+/-0.519 χ^2/NDF : 34252.2/7

1810.652+/-0.348 χ^2/NDF : 696065.8/26

1804.592+/-0.349 χ^2/NDF : 469618.8/27

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1175.761+/-753.395 χ^2/NDF : 11.6/9

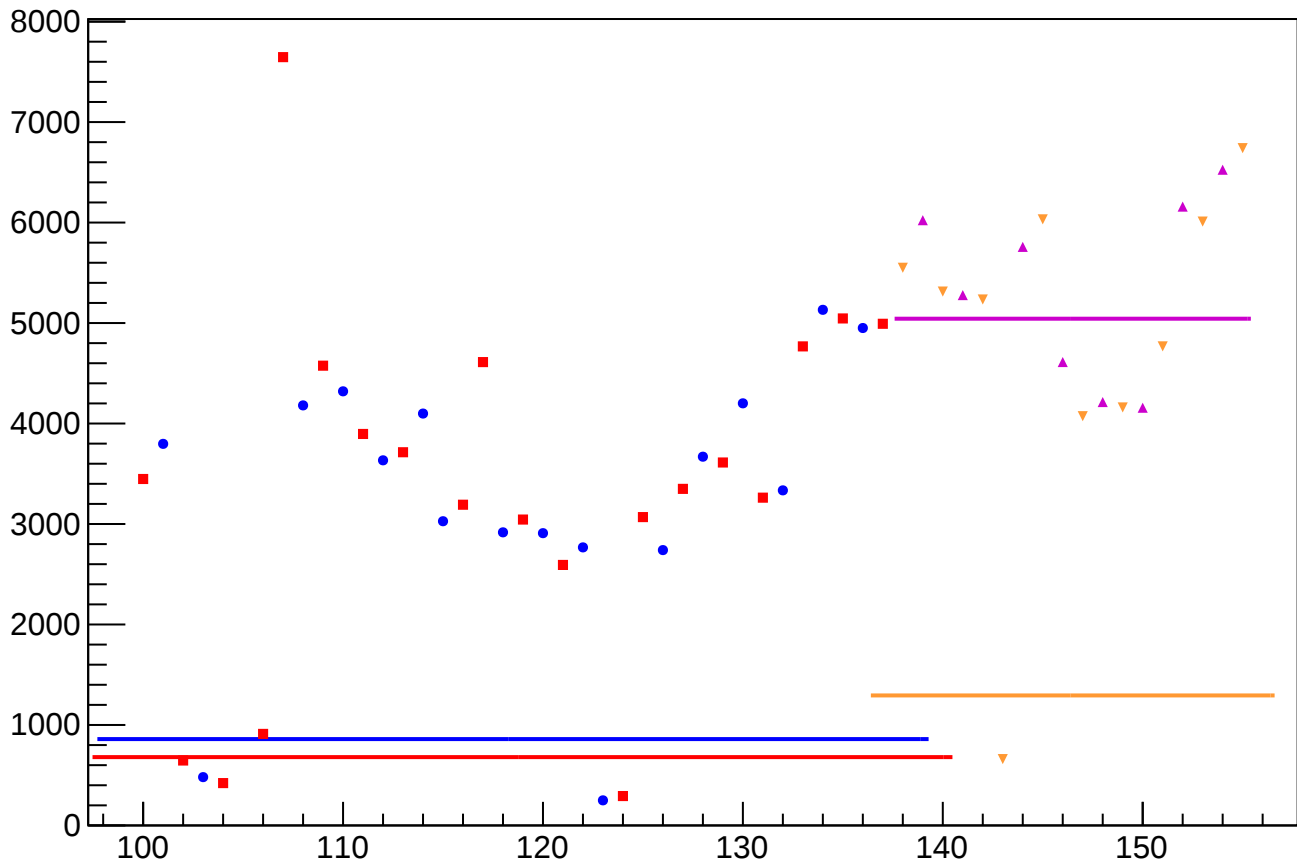
Right Out: -168.343+/-433.469 χ^2/NDF : 21.7/19

Left In: -925.220+/-1997.128 χ^2/NDF : 4.6/7

-187.520+/-439.109 χ^2/NDF : 32.2/26

-202.395+/-423.606 χ^2/NDF : 26.4/27

asym_atl_avg_correction_rms vs Slug



Right In: 859.557+/-0.382 χ^2/NDF : 8143264.5/16

Left Out: 1293.963+/-0.533 χ^2/NDF : 8718140.0/9

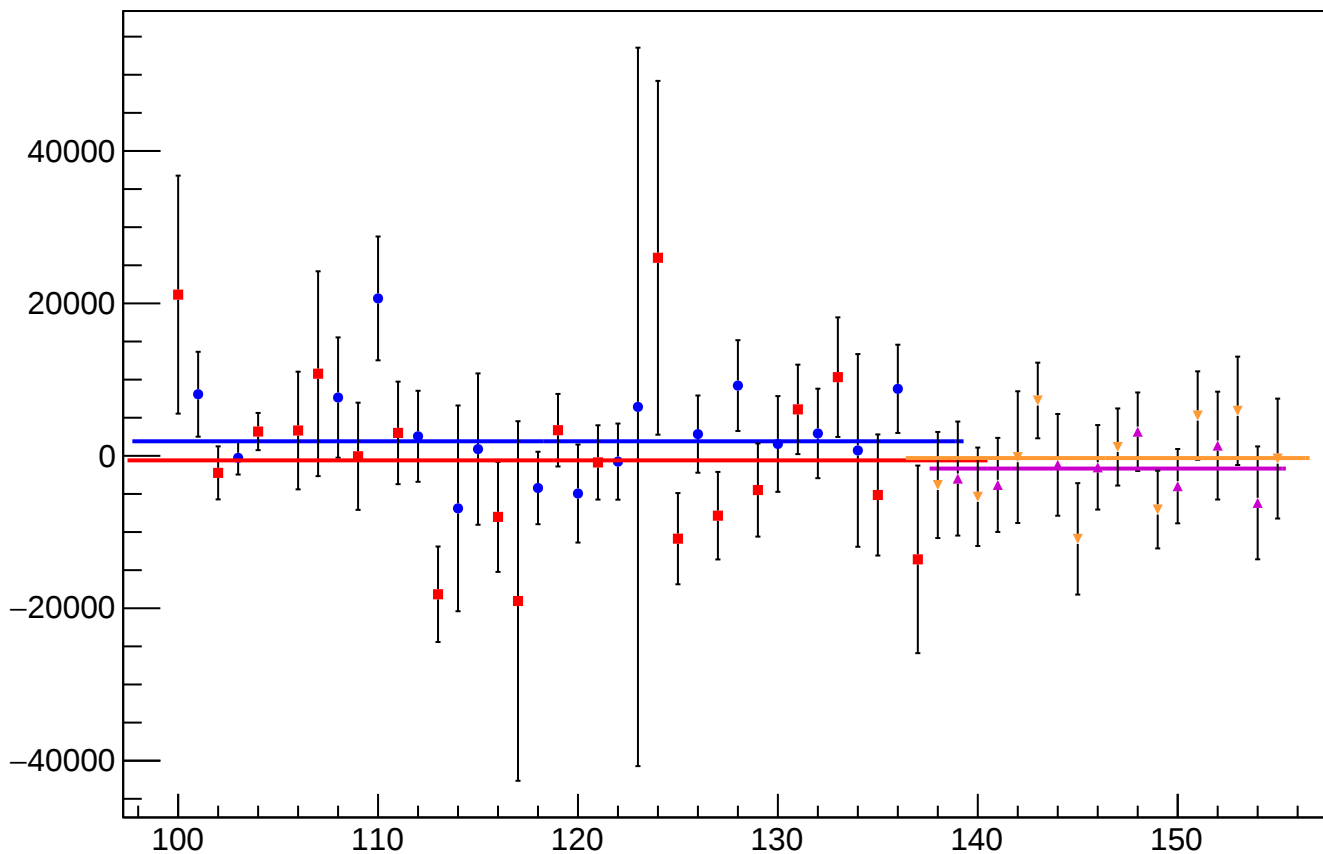
Right Out: 680.110+/-0.307 χ^2/NDF : 8447884.2/19

Left In: 5043.139+/-1.412 χ^2/NDF : 364050.6/7

1007.126+/-0.310 χ^2/NDF : 17300456.5/26

876.401+/-0.300 χ^2/NDF : 17927896.4/27

asym_atl_avg_mean vs Slug



Right In: 1909.348 ± 1310.219 $\chi^2/\text{NDF}: 14.6/16$

Left Out: -293.536 ± 1959.234 $\chi^2/\text{NDF}: 8.8/9$

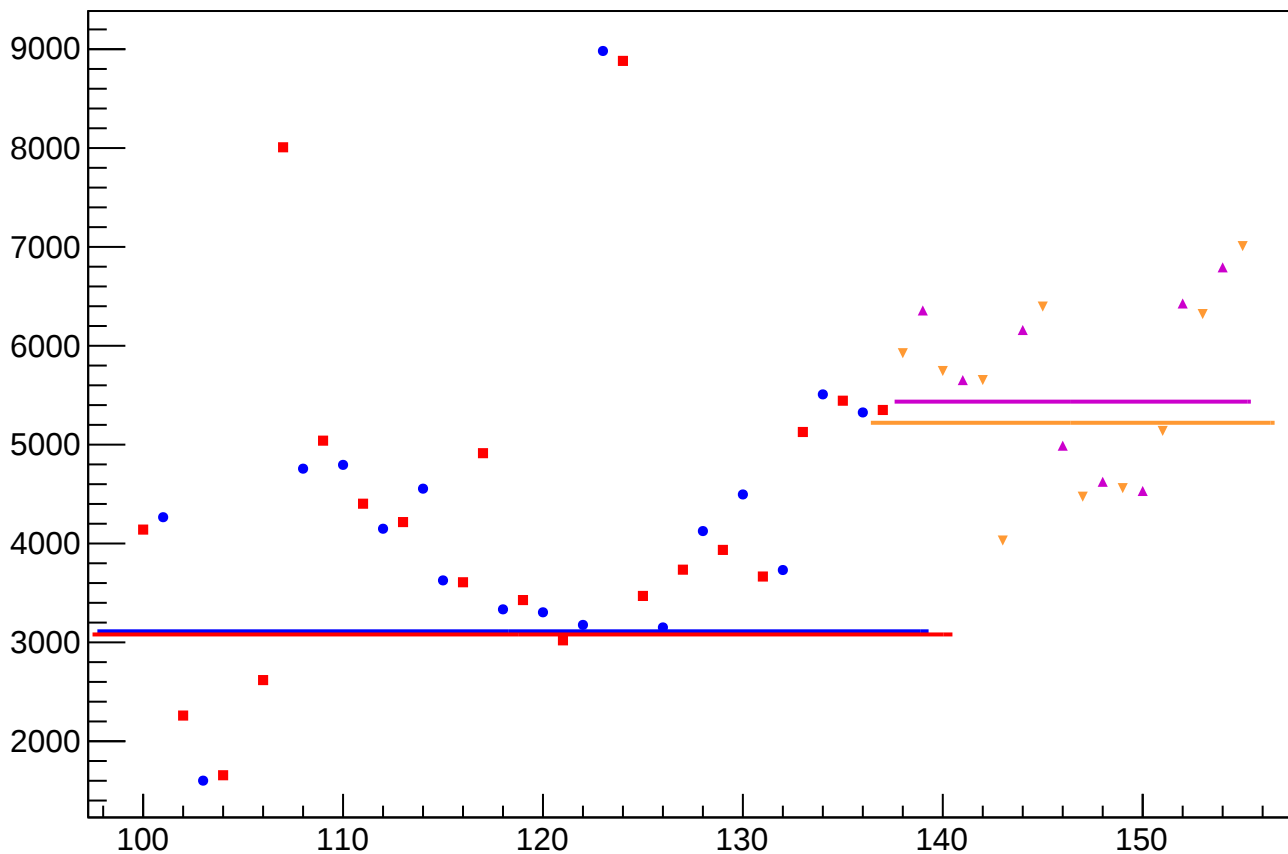
Right Out: -594.380 ± 1283.911 $\chi^2/\text{NDF}: 27.0/19$

Left In: -1669.252 ± 2146.170 $\chi^2/\text{NDF}: 1.8/7$

1228.619 ± 1089.124 $\chi^2/\text{NDF}: 24.3/26$

-877.674 ± 1101.803 $\chi^2/\text{NDF}: 29.0/27$

asym_atl_avg_rms vs Slug



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

Left Out: 5221.065+/-1.385 χ^2 /NDF:434291.6/9

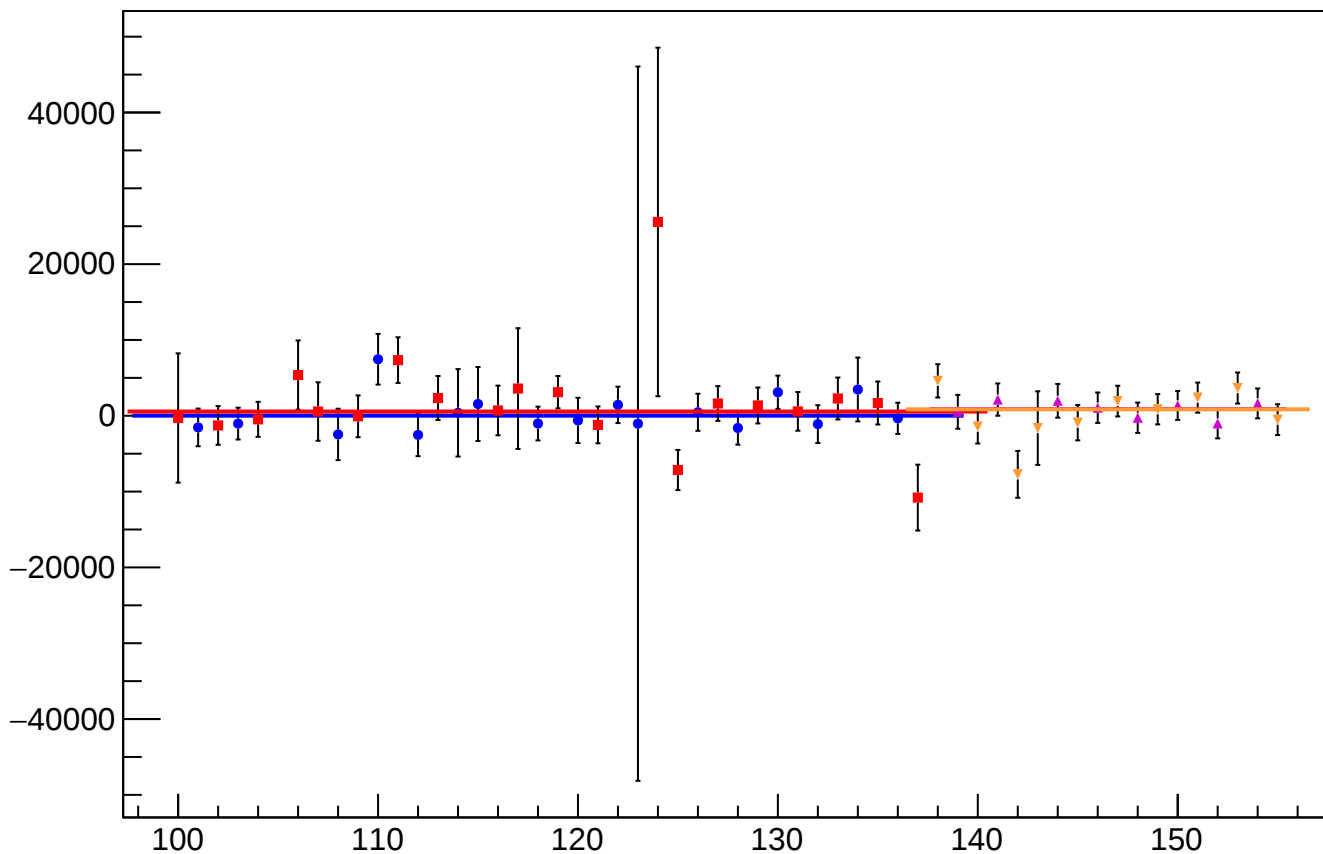
Right Out: 3080.063+/-0.895 χ^2 /NDF: 2017746.3/19

Left In: 5434.957+/-1.518 χ^2 /NDF:294314.8/7

3763.611+/-0.770 χ^2 /NDF: 3915539.0/26

3687.526+/-0.771 χ^2 /NDF: 4098850.5/27

reg_asym_atl_dd_mean vs Slug



Right In: 14.118 ± 661.101 $\chi^2/\text{NDF}: 11.1/16$

Left Out: 848.298 ± 712.953 $\chi^2/\text{NDF}: 15.7/9$

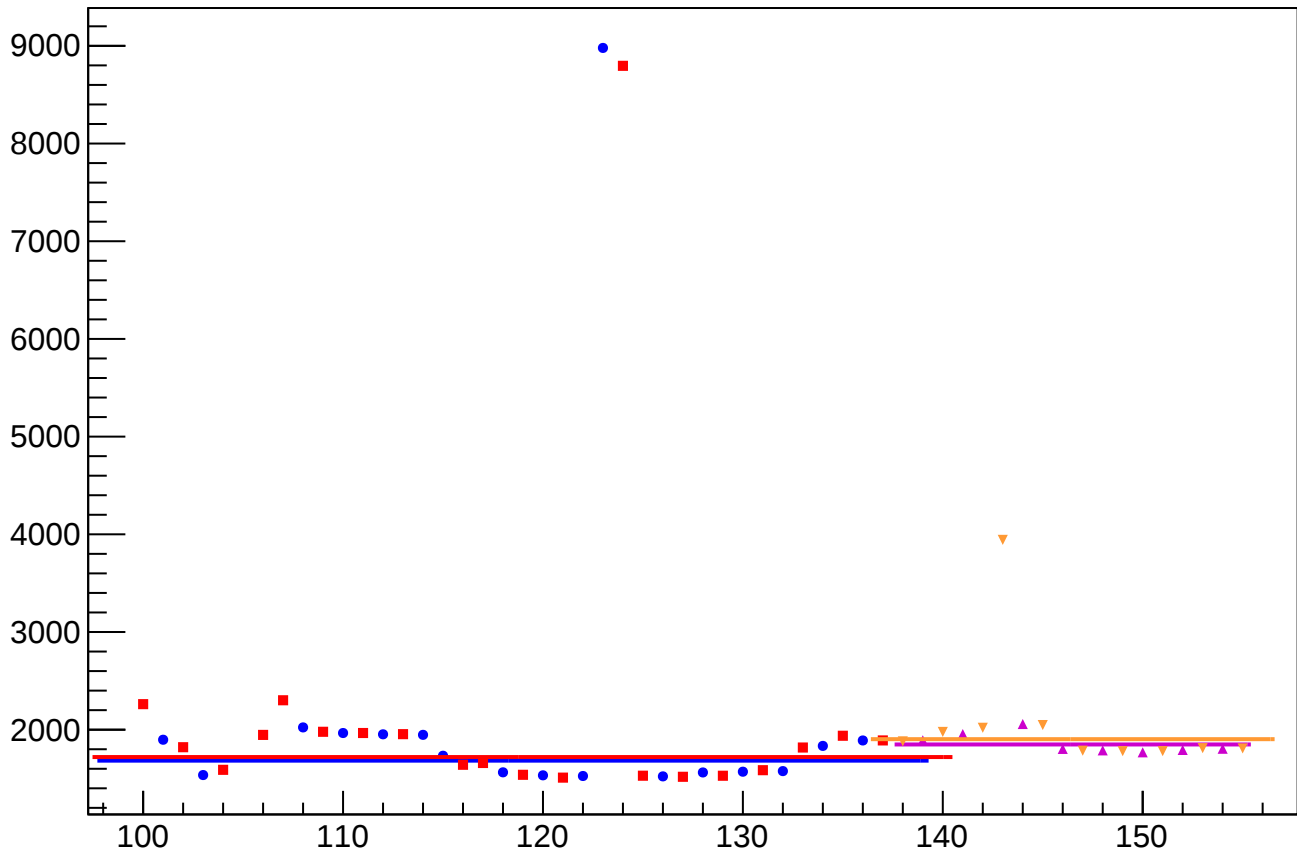
Right Out: 558.377 ± 658.875 $\chi^2/\text{NDF}: 26.8/19$

Left In: 894.096 ± 722.775 $\chi^2/\text{NDF}: 2.1/7$

399.774 ± 484.765 $\chi^2/\text{NDF}: 27.6/26$

710.743 ± 486.922 $\chi^2/\text{NDF}: 29.0/27$

reg_asym_atl_dd_rms vs Slug



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

Left Out: 1903.058+/-0.504 χ^2/NDF : 396509.0/9

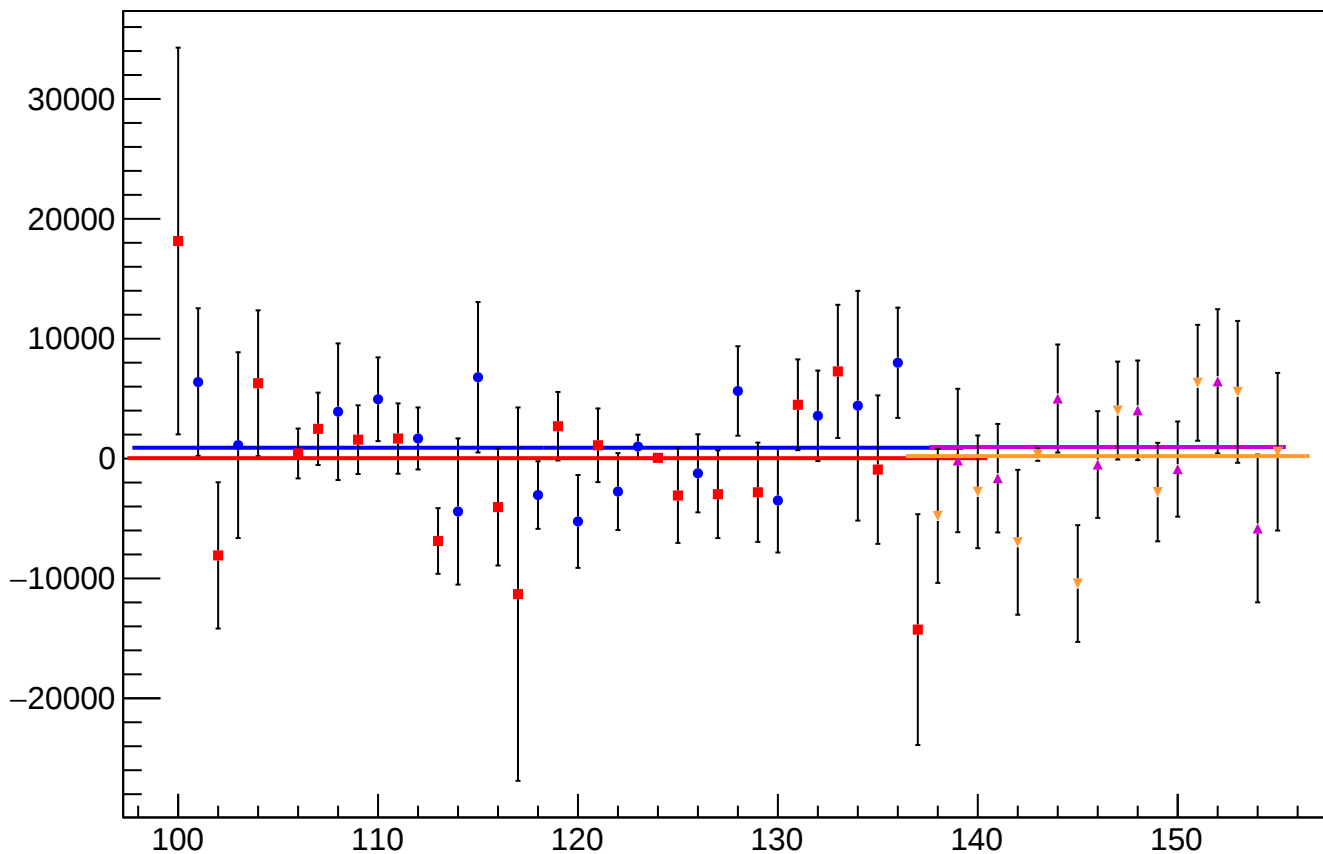
Right Out: 1719.963+/-0.464 χ^2/NDF : 396217.5/19

Left In: 1848.869+/-0.511 χ^2/NDF : 32474.8/7

1784.876+/-0.343 χ^2/NDF : 694611.1/26

1778.192+/-0.343 χ^2/NDF : 463571.9/27

asym_atl_dd_correction_mean vs Slug



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

Left Out: 205.542+/-498.528 χ^2/NDF : 11.3/9

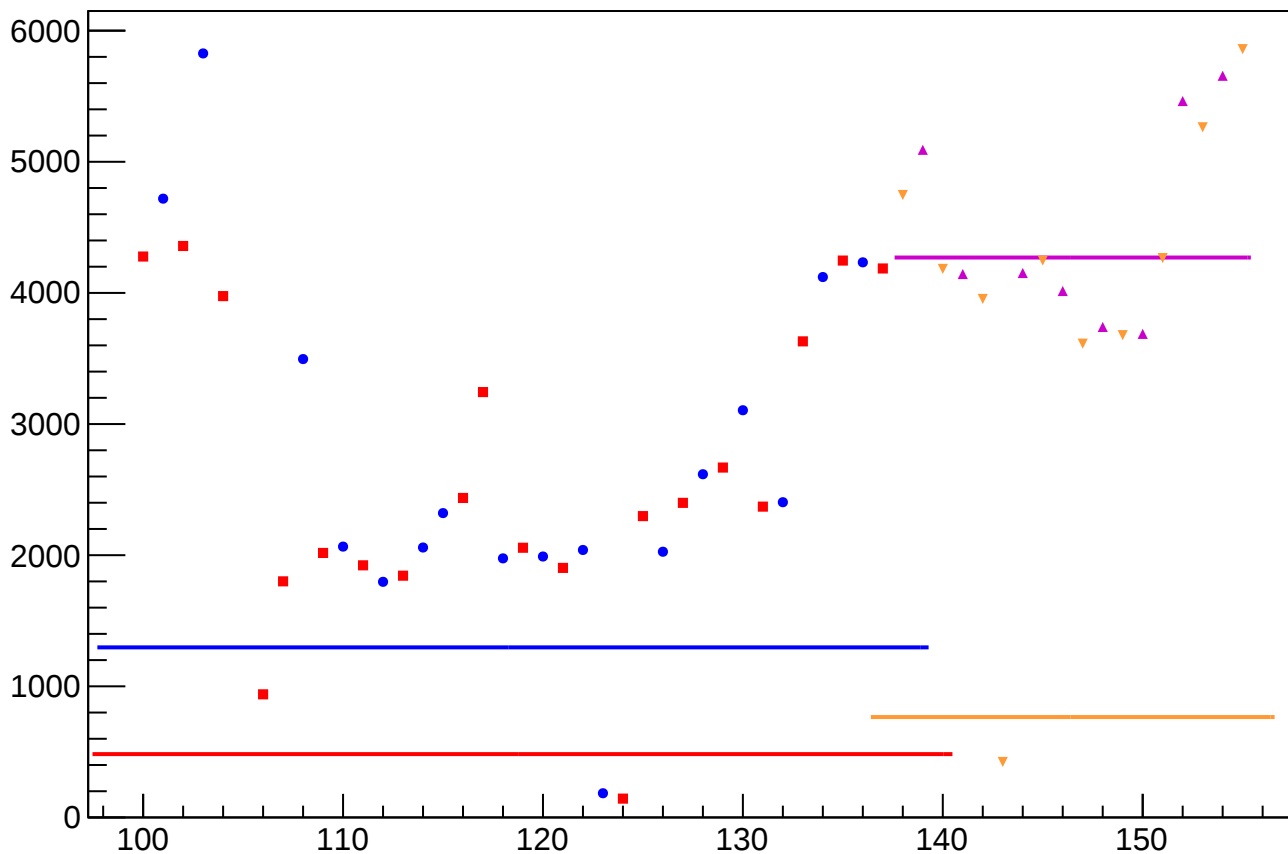
Right Out: 32.177+/-357.083 χ^2/NDF : 21.0/19

Left In: 964.180+/-1686.245 χ^2/NDF : 4.1/7

437.905+/-407.150 χ^2/NDF : 27.9/26

72.177+/-349.336 χ^2/NDF : 25.4/27

asym_atl_dd_correction_rms vs Slug



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

Left Out: 765.697+/-0.353 χ^2 /NDF:9889698.0/9

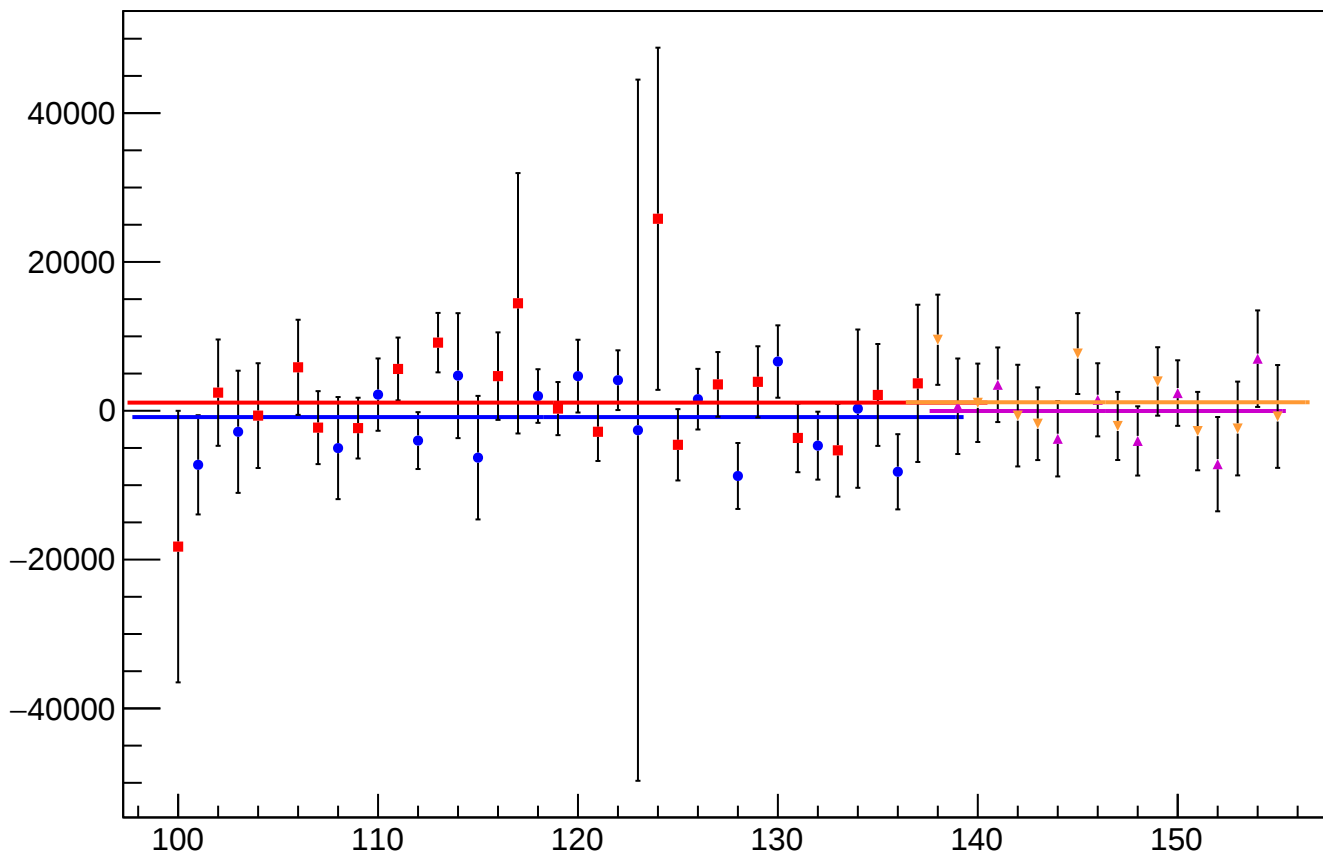
Right Out: 483.029+/-0.252 χ^2 /NDF: 10207063.0/19

Left In: 4269.901+/-1.192 χ^2 /NDF:302503.8/7

942.619+/-0.288 χ^2 /NDF: 17155754.7/26

645.556+/-0.247 χ^2 /NDF: 20163370.7/27

asym_atl_dd_mean vs Slug



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

Left Out: 1143.429+/-1720.951 χ^2/NDF : 5.6/9

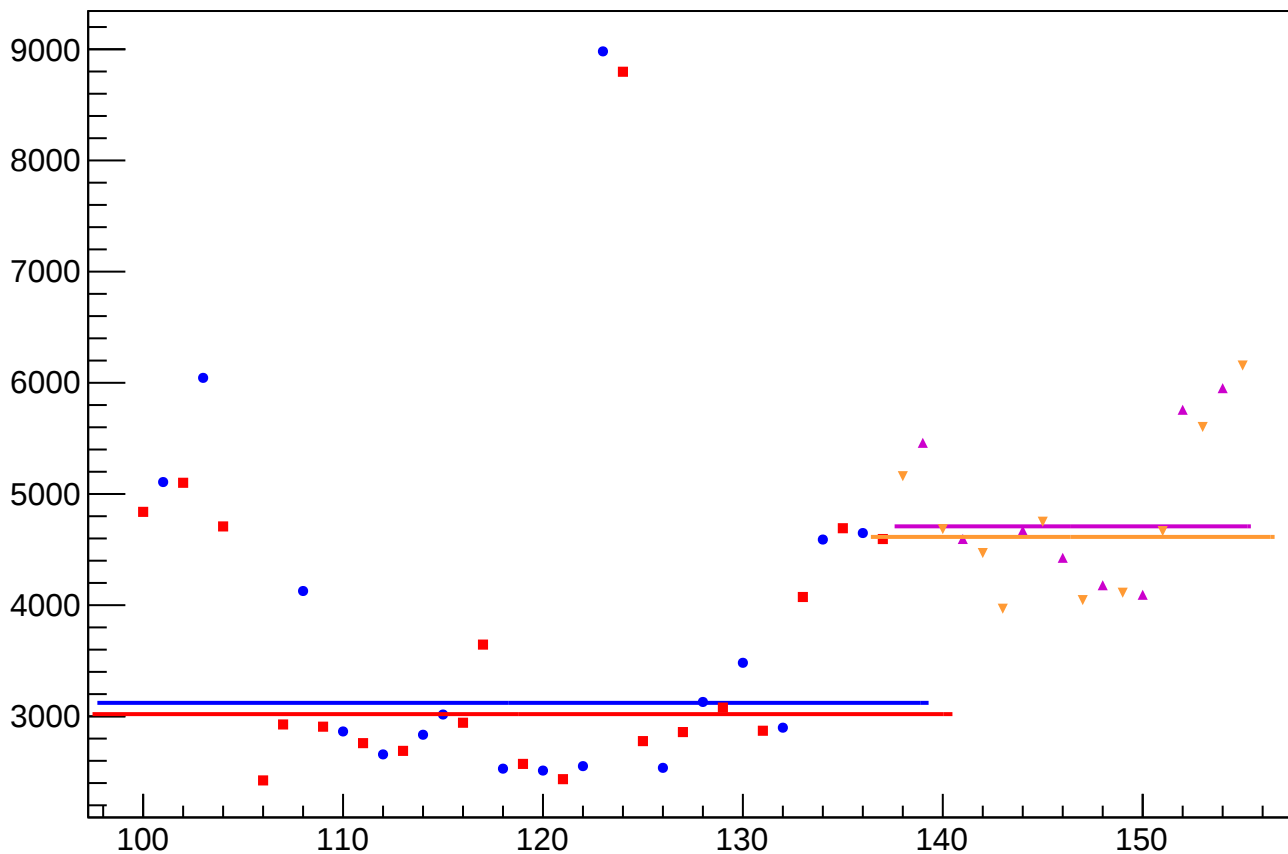
Right Out: 1095.033+/-1187.966 χ^2/NDF : 15.6/19

Left In: -31.032+/-1854.109 χ^2/NDF : 4.6/7

-153.189+/-1017.181 χ^2/NDF : 21.9/26

767.299+/-1000.262 χ^2/NDF : 20.5/27

asym_atl_dd_rms vs Slug



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

Left Out: 4613.975+/-1.217 χ^2/NDF : 257360.2/9

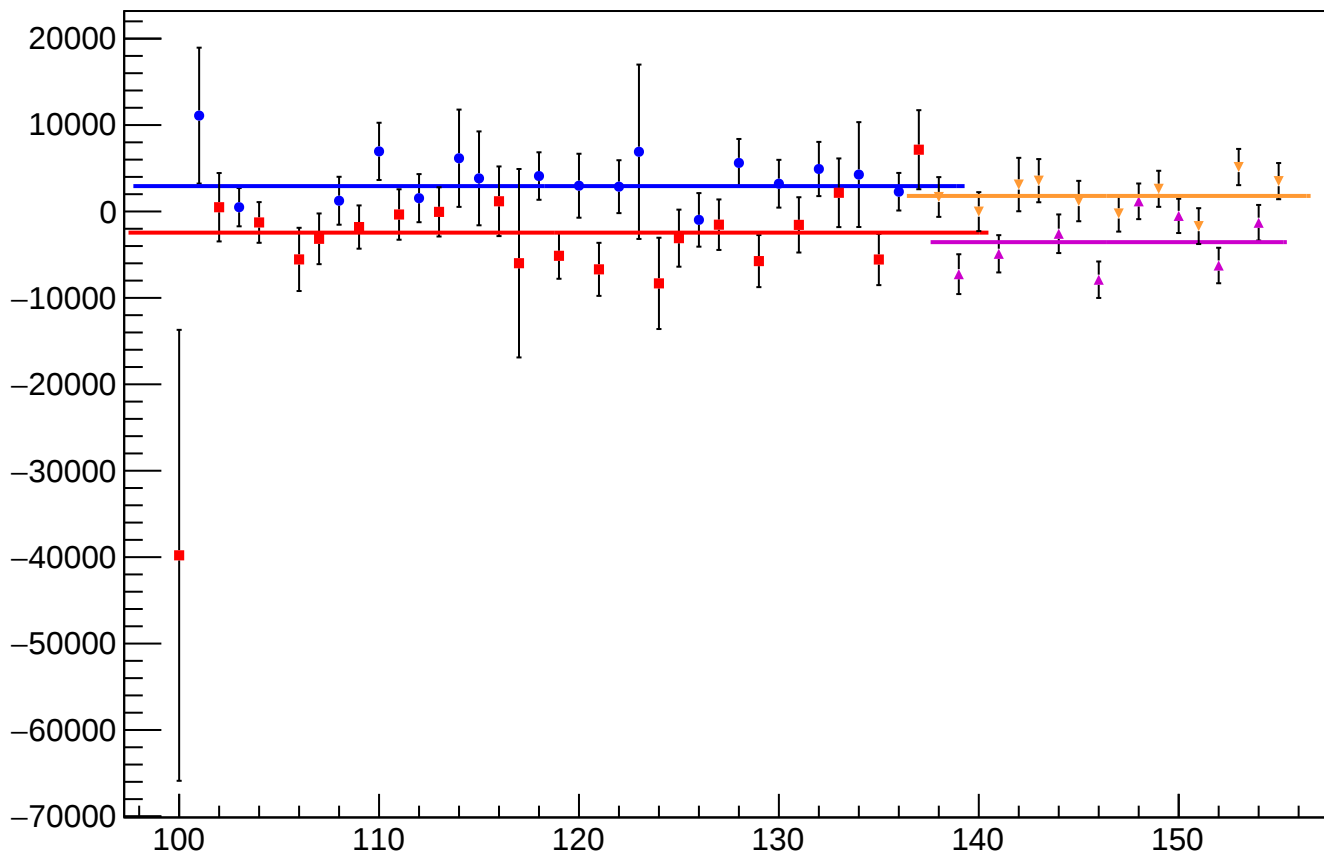
Right Out: 3020.039+/-0.830 χ^2/NDF : 794563.8/19

Left In: 4708.956+/-1.311 χ^2/NDF : 228285.3/7

3642.837+/-0.719 χ^2/NDF : 2181894.1/26

3502.944+/-0.701 χ^2/NDF : 2207852.3/27

reg_asym_atr_avg_mean vs Slug



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

Left Out: 1798.784+/-710.950 χ^2/NDF : 8.5/9

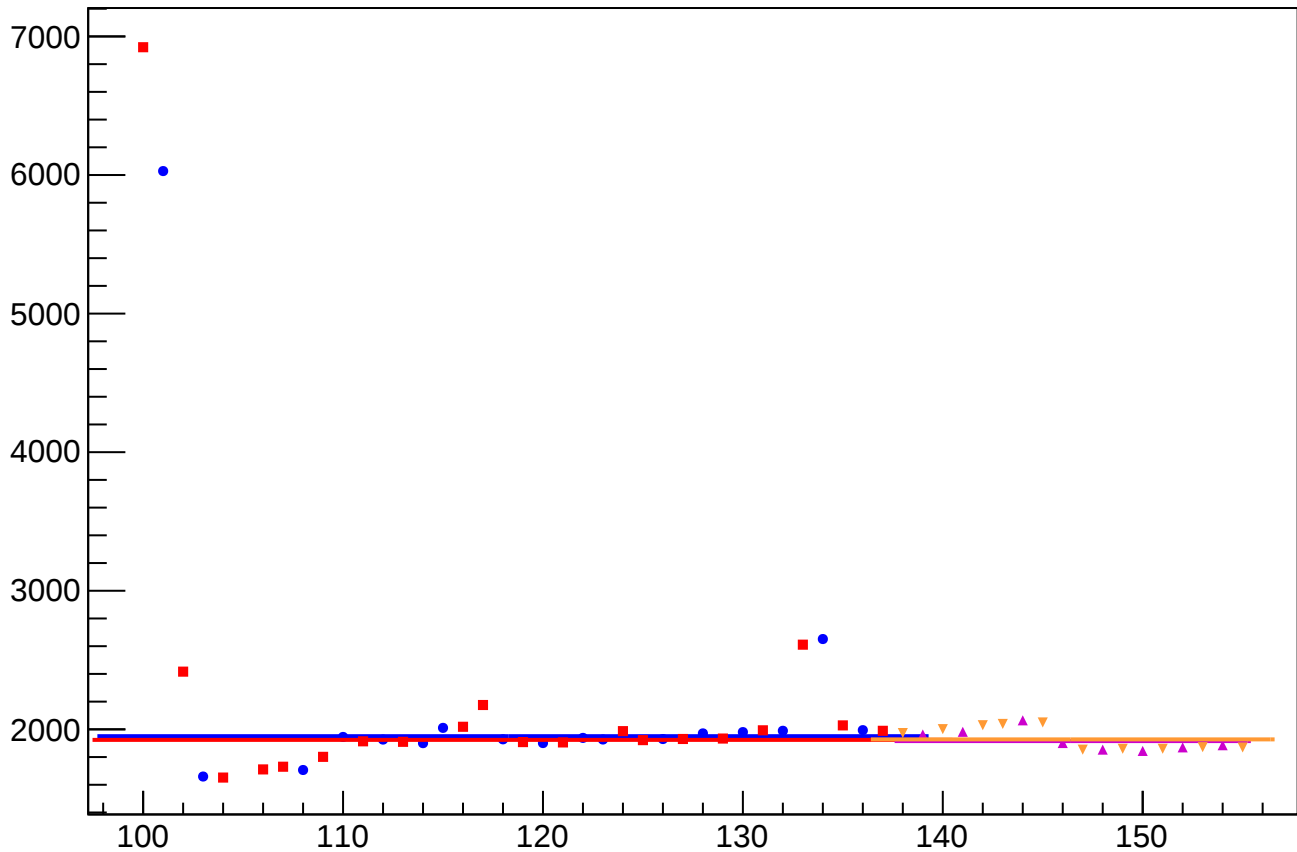
Right Out: -2449.072+/-738.715 χ^2/NDF : 18.3/19

Left In: -3549.061+/-747.409 χ^2/NDF : 17.9/7

2318.120+/-524.013 χ^2/NDF : 17.9/26

-2992.631+/-525.397 χ^2/NDF : 37.3/27

reg_asym_atr_avg_rms vs Slug



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

Left Out: 1927.463 ± 0.503 χ^2/NDF : 24251.5/9

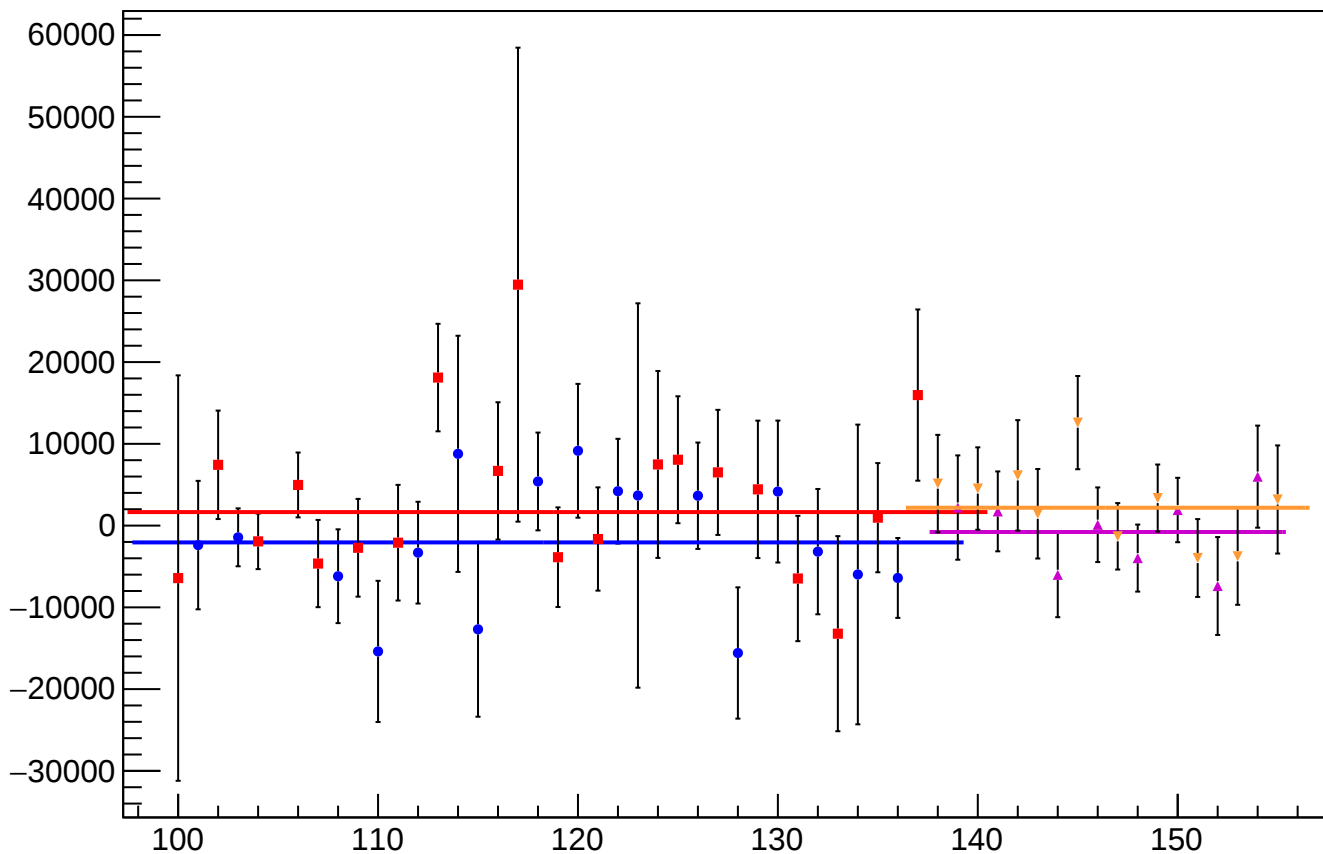
Right Out: 1923.907 ± 0.521 χ^2/NDF : 218470.6/19

Left In: 1915.248 ± 0.528 χ^2/NDF : 17590.8/7

1938.037 ± 0.371 χ^2/NDF : 642552.4/26

1919.638 ± 0.371 χ^2/NDF : 236197.5/27

asym_atr_avg_correction_mean vs Slug



Right In: -2056.876 ± 1661.079 χ^2/NDF : 14.0/16

Left Out: 2184.311 ± 1646.250 χ^2/NDF : 7.7/9

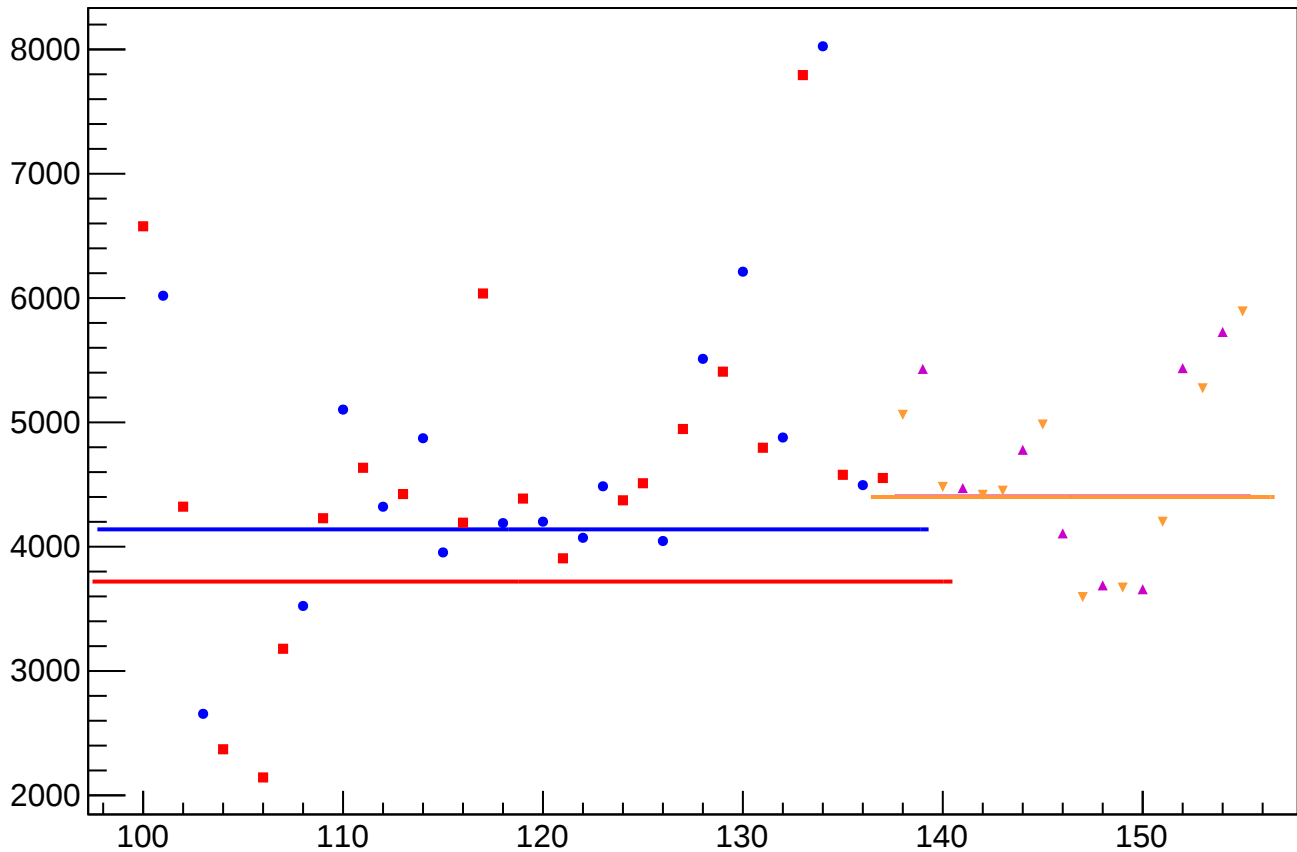
Right Out: 1652.978 ± 1475.490 χ^2/NDF : 19.5/19

Left In: -783.602 ± 1743.023 χ^2/NDF : 5.0/7

82.732 ± 1169.282 χ^2/NDF : 24.9/26

635.835 ± 1126.170 χ^2/NDF : 25.7/27

asym_atr_avg_correction_rms vs Slug



Right In: 4139.394+/-1.175 χ^2/NDF : 813550.8/16

Left Out: 4399.576+/-1.164 χ^2/NDF : 336734.1/9

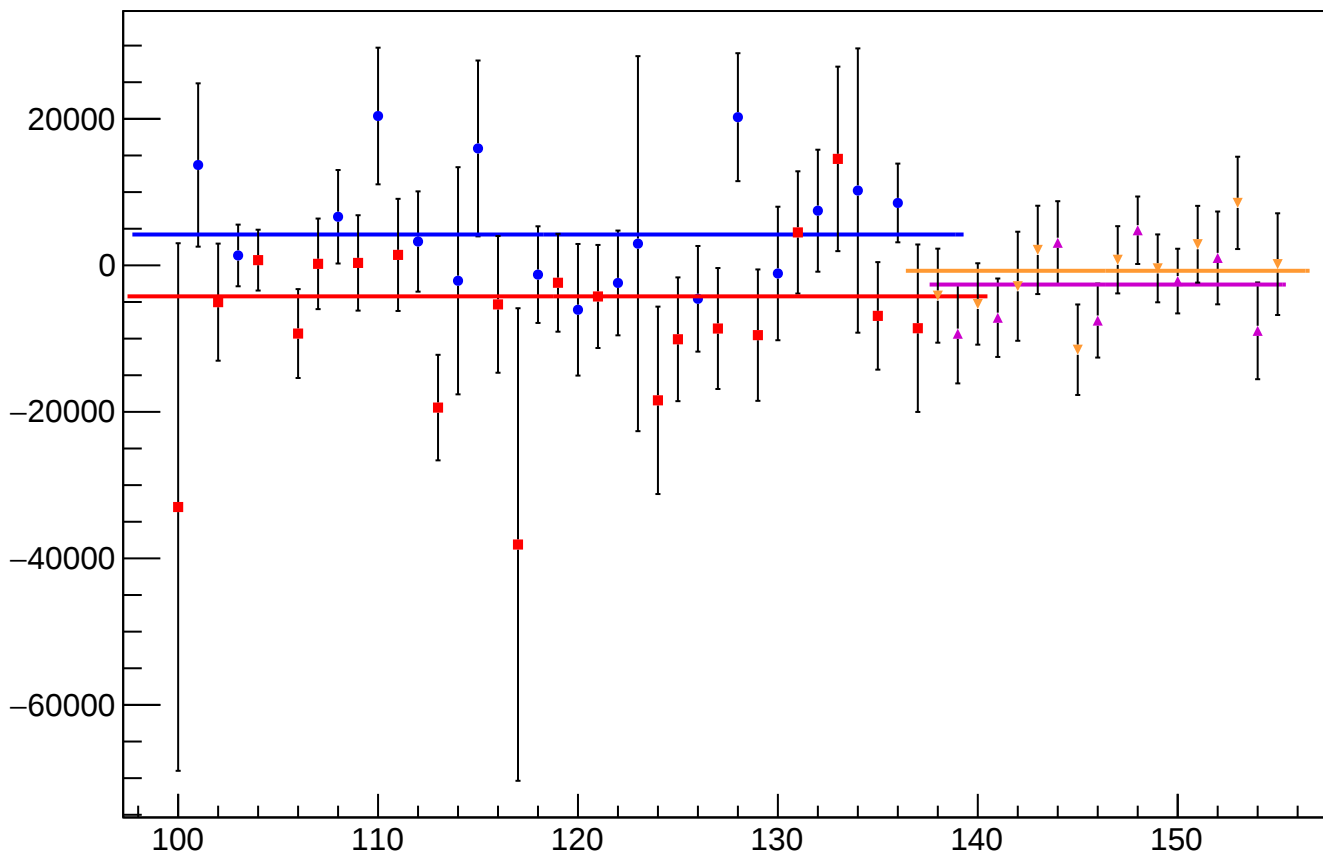
Right Out: 3719.546+/-1.043 χ^2/NDF : 1288644.4/19

Left In: 4403.648+/-1.233 χ^2/NDF : 353062.4/7

4270.652+/-0.827 χ^2/NDF : 1175039.3/26

4005.123+/-0.796 χ^2/NDF : 1821180.9/27

asym_atr_avg_mean vs Slug



Right In: 4211.844+/-1871.304 χ^2/NDF : 14.4/16

Left Out: -740.723+/-1811.017 χ^2/NDF : 7.1/9

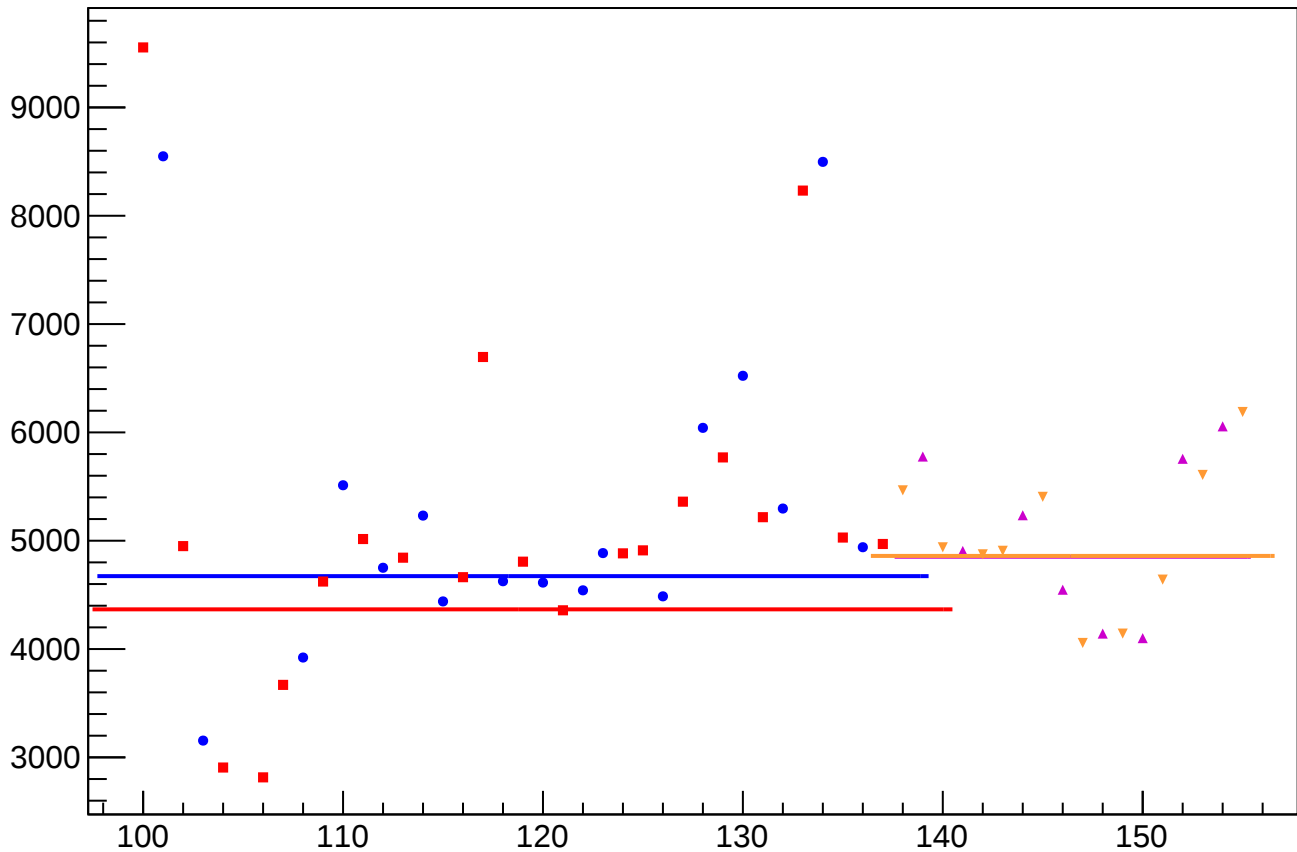
Right Out: -4230.596+/-1722.878 χ^2/NDF : 15.9/19

Left In: -2618.495+/-1913.209 χ^2/NDF : 7.5/7

1654.499+/-1301.374 χ^2/NDF : 25.1/26

-3508.700+/-1280.276 χ^2/NDF : 23.8/27

asym_atr_avg_rms vs Slug



Right In: 4673.046 ± 1.323 χ^2/NDF : 777321.1/16

Left Out: 4859.687 ± 1.281 χ^2/NDF : 248076.8/9

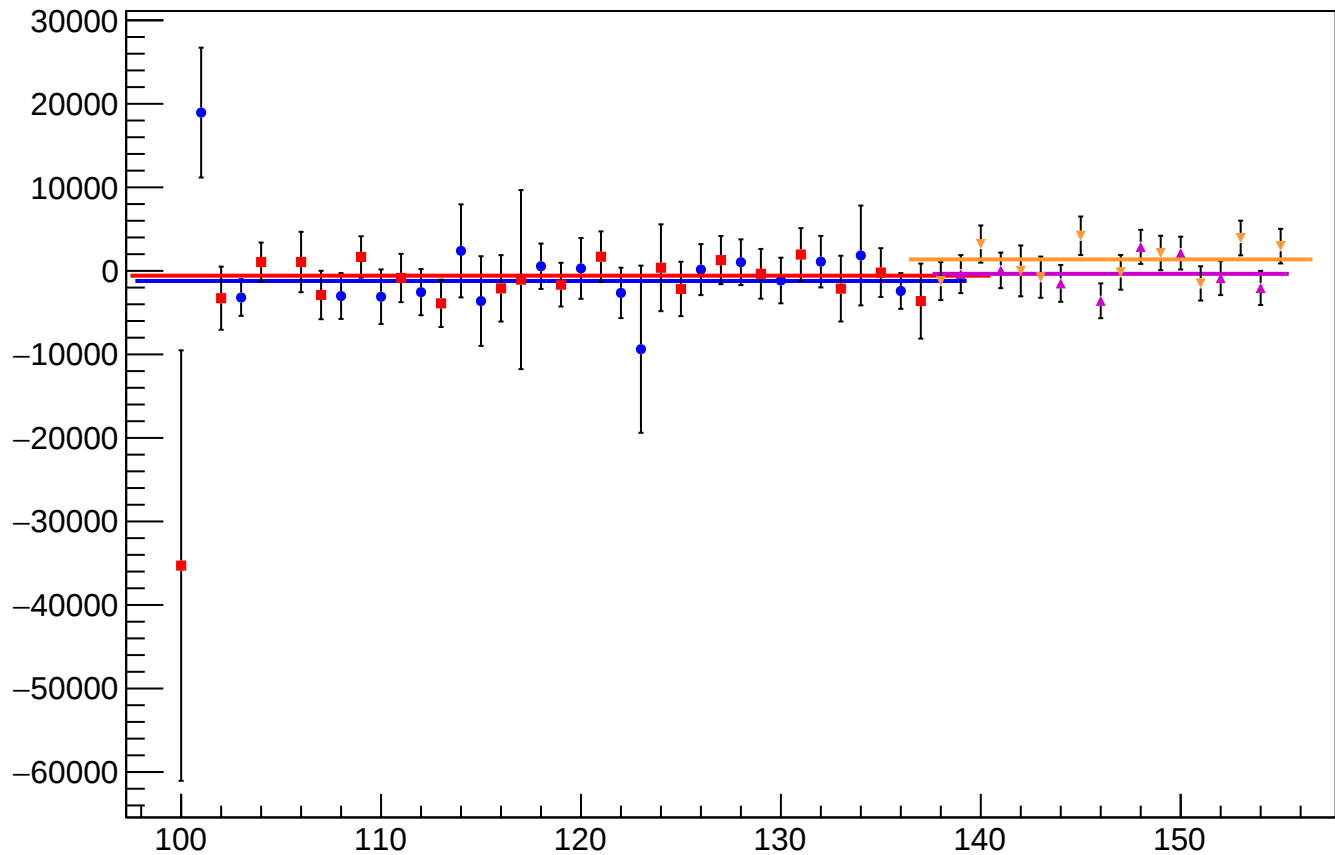
Right Out: 4366.422 ± 1.211 χ^2/NDF : 842654.3/19

Left In: 4852.256 ± 1.353 χ^2/NDF : 266405.2/7

4769.421 ± 0.920 χ^2/NDF : 1035671.3/26

4582.591 ± 0.902 χ^2/NDF : 1180643.7/27

reg_asym_atr_dd_mean vs Slug



Right In: -1211.176+/-765.294 χ^2/NDF : 12.7/16

Left Out: 1373.647+/-702.767 χ^2/NDF : 9.2/9

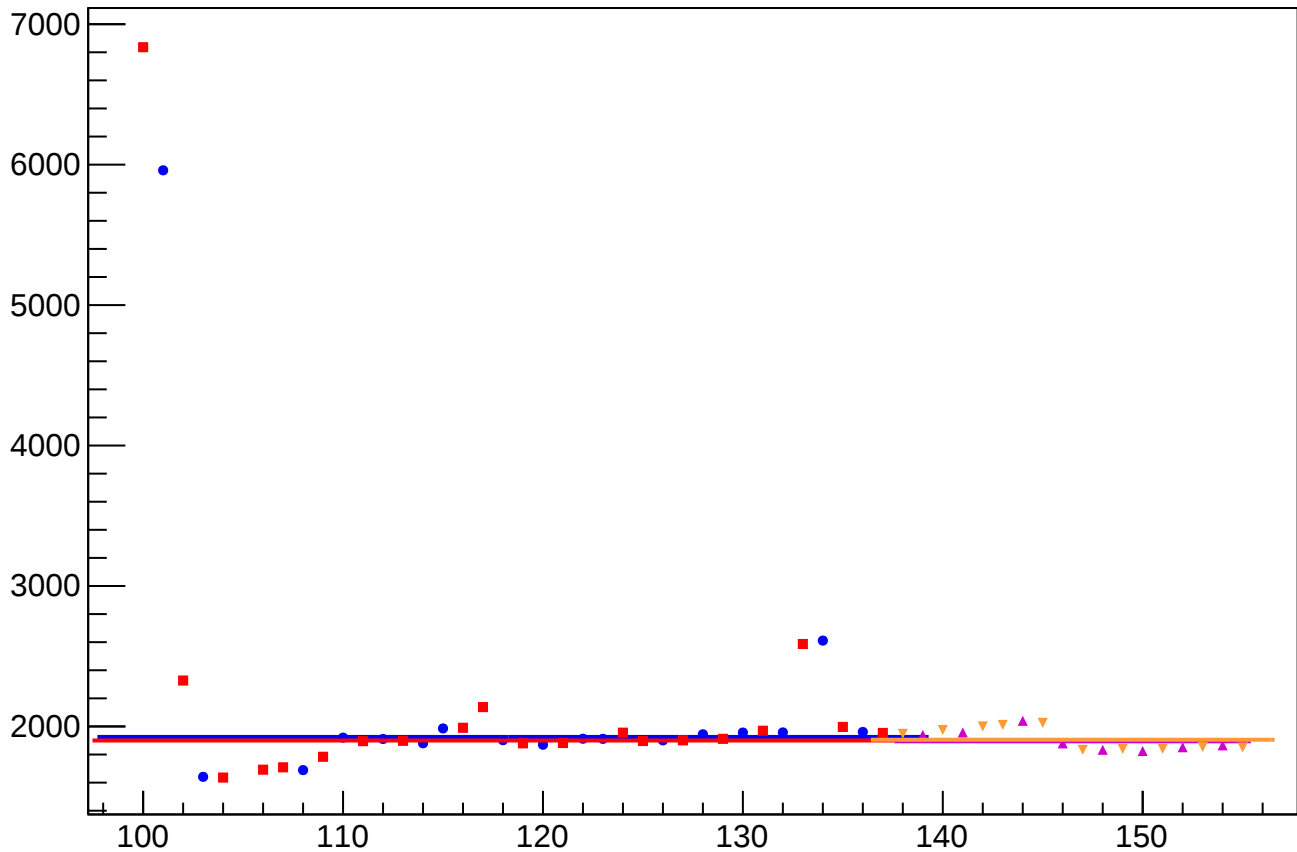
Right Out: -575.663+/-728.976 χ^2/NDF : 8.7/19

Left In: -354.898+/-739.112 χ^2/NDF : 7.6/7

191.129+/-517.627 χ^2/NDF : 28.1/26

-466.804+/-519.010 χ^2/NDF : 16.3/27

reg_asym_atr_dd_rms vs Slug



Right In: 1925.320+/-0.541 χ^2 /NDF: 615863.6/16

Left Out: 1905.351+/-0.497 χ^2 /NDF: 22666.2/9

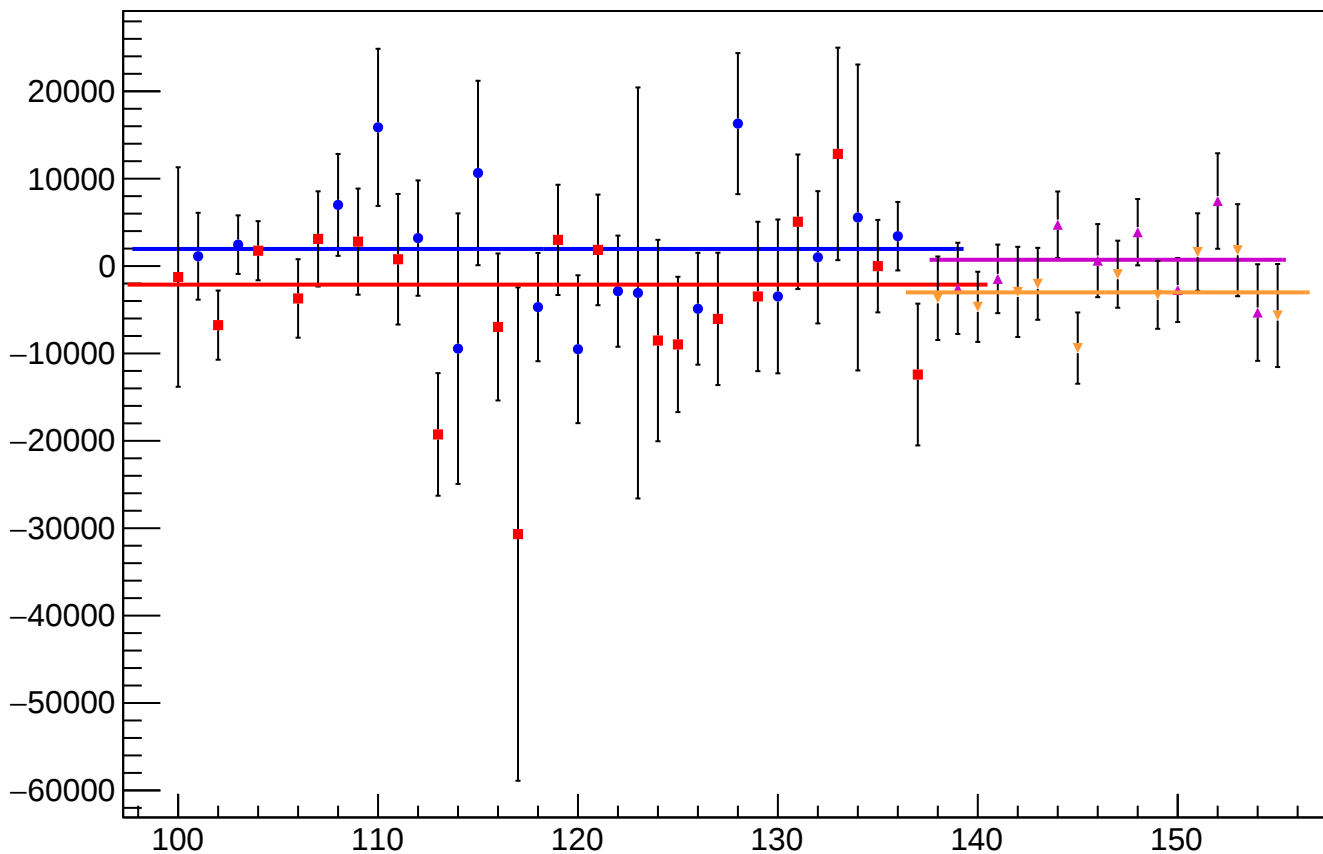
Right Out: 1899.955+/-0.514 χ^2 /NDF: 211865.1/19

Left In: 1894.045+/-0.523 χ^2 /NDF: 16896.3/7

1914.487+/-0.366 χ^2 /NDF: 639268.5/26

1897.047+/-0.367 χ^2 /NDF: 228826.4/27

asym_atr_dd_correction_mean vs Slug



Right In: 1959.060 ± 1556.840 χ^2/NDF : 12.9/16

Left Out: -3014.509 ± 1396.985 χ^2/NDF : 5.1/9

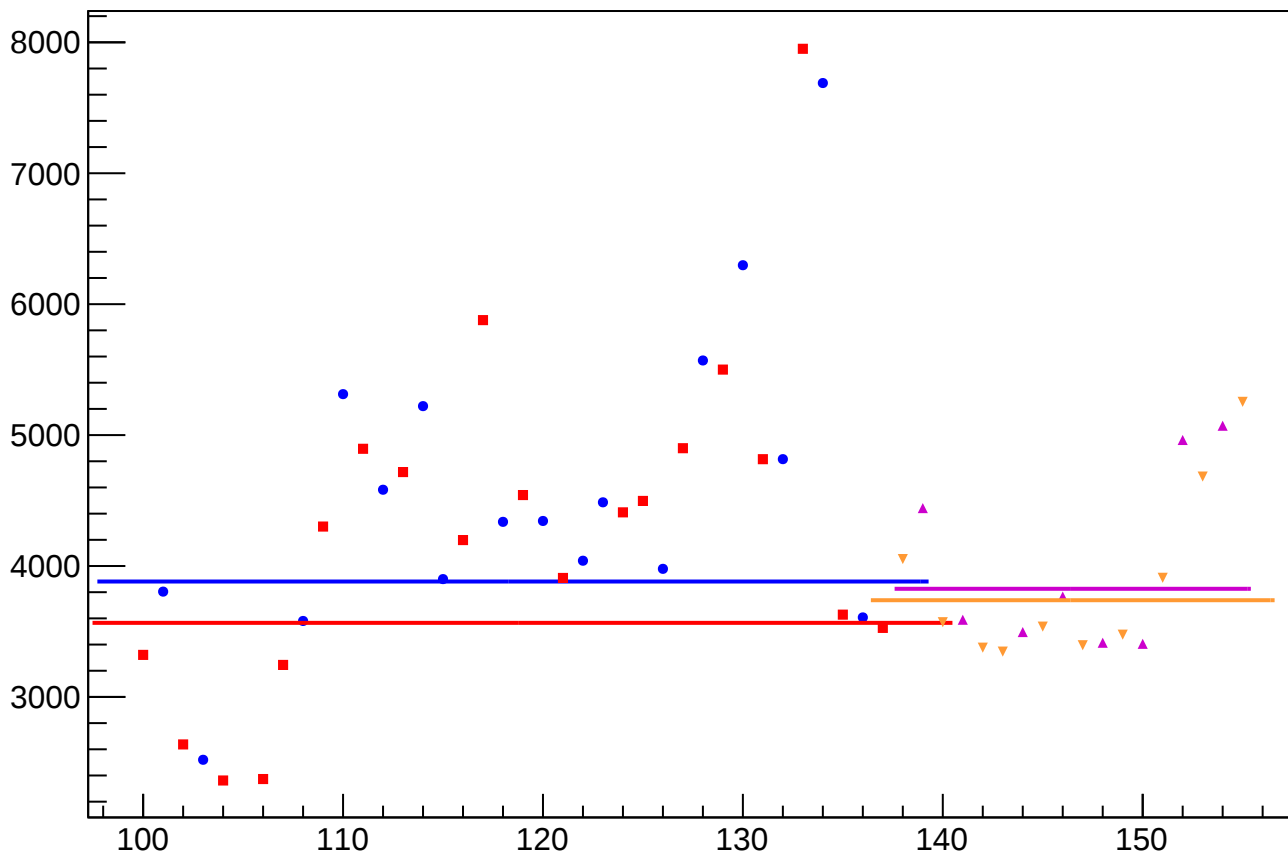
Right Out: -2124.415 ± 1411.872 χ^2/NDF : 18.5/19

Left In: 719.067 ± 1510.542 χ^2/NDF : 6.1/7

-796.099 ± 1039.755 χ^2/NDF : 23.7/26

-798.569 ± 1031.464 χ^2/NDF : 26.5/27

asym_atr_dd_correction_rms vs Slug



Right In: 3881.577 ± 1.101 χ^2/NDF : 817466.6/16

Left Out: 3738.725 ± 0.988 χ^2/NDF : 269727.4/9

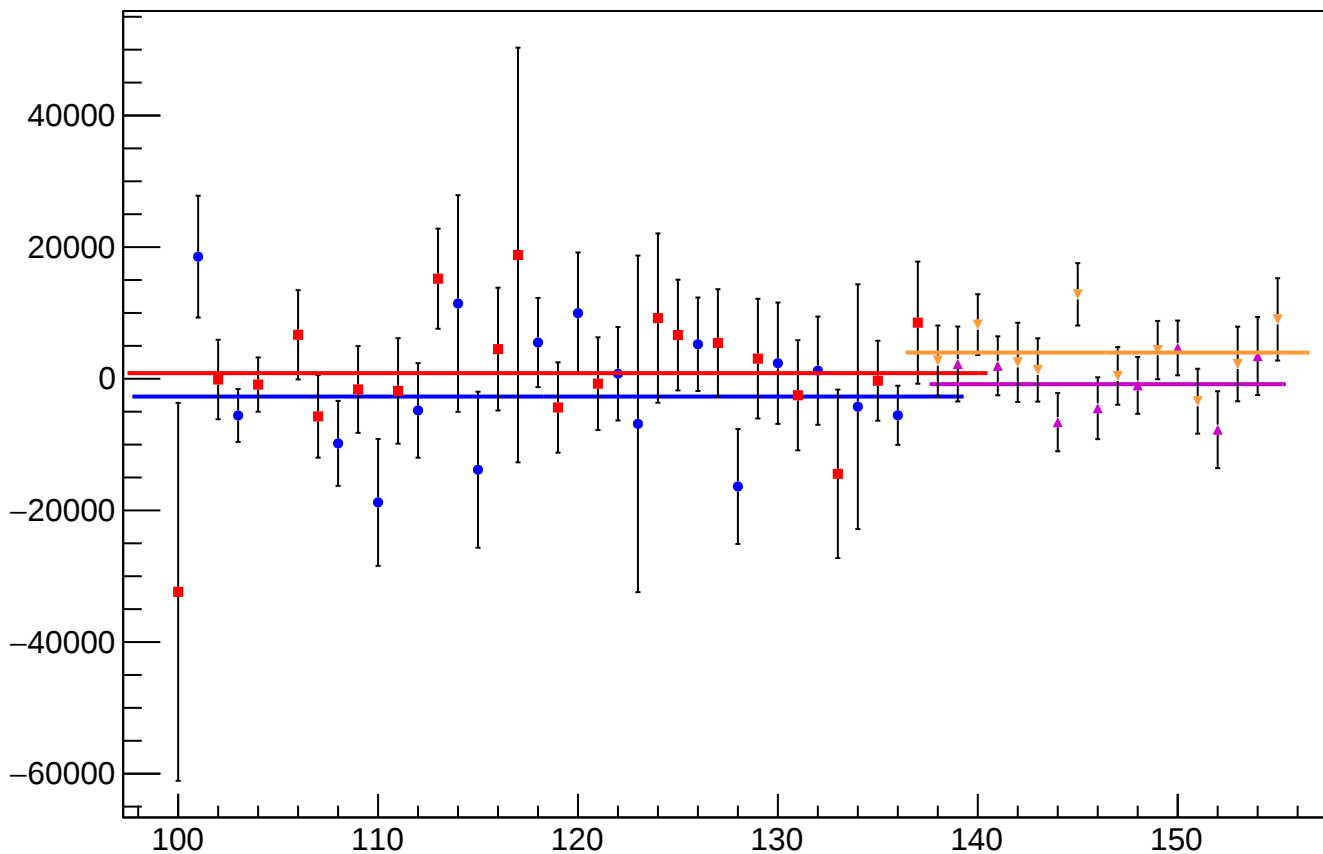
Right Out: 3565.851 ± 0.998 χ^2/NDF : 1254973.6/19

Left In: 3825.947 ± 1.068 χ^2/NDF : 288663.2/7

3802.443 ± 0.735 χ^2/NDF : 1096522.1/26

3687.128 ± 0.729 χ^2/NDF : 1575285.0/27

asym_atr_dd_mean vs Slug



Right In: -2700.702 ± 1809.055 χ^2/NDF : 19.8/16

Left Out: 3982.521 ± 1584.252 χ^2/NDF : 8.4/9

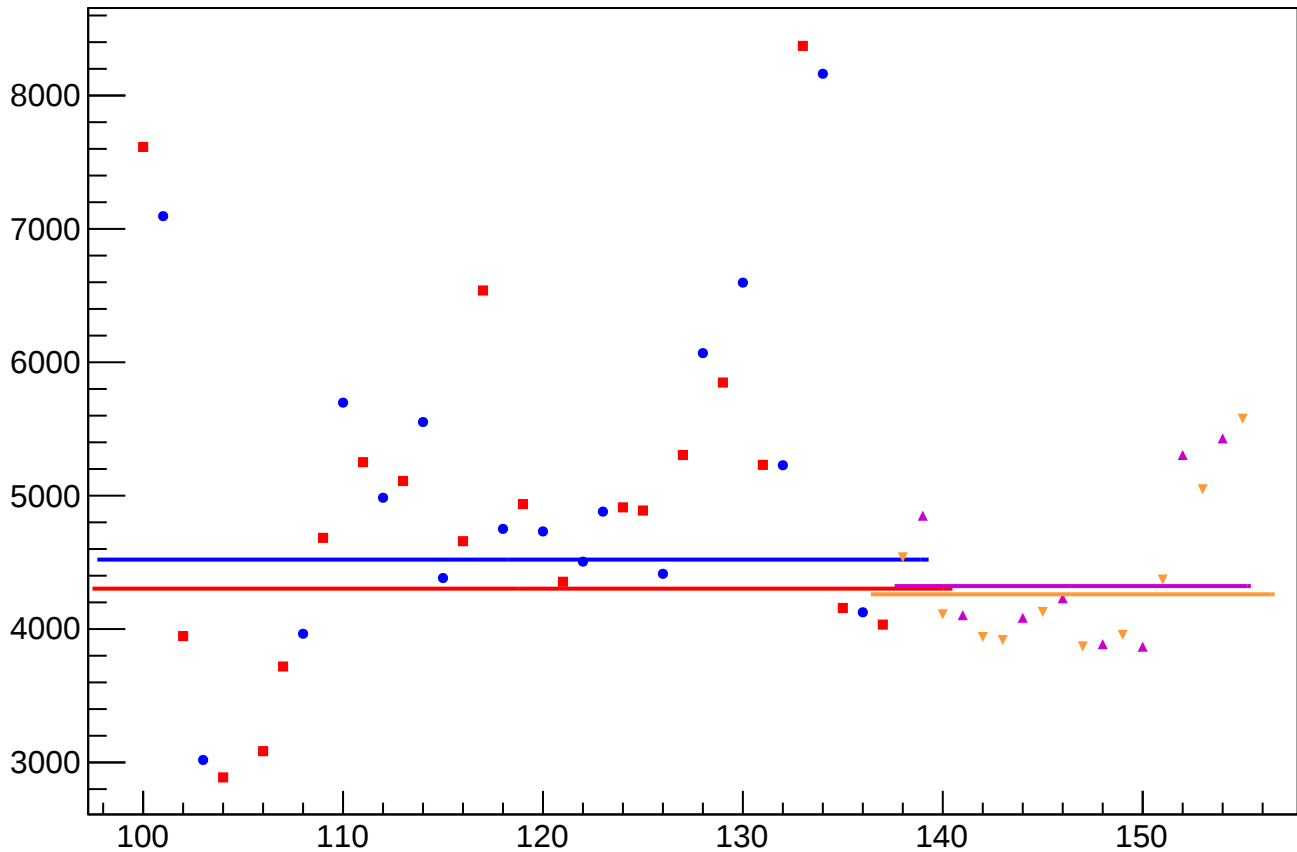
Right Out: 857.617 ± 1687.925 χ^2/NDF : 11.9/19

Left In: -817.415 ± 1699.504 χ^2/NDF : 6.7/7

1081.732 ± 1191.837 χ^2/NDF : 35.9/26

25.827 ± 1197.616 χ^2/NDF : 19.0/27

asym_atr_dd_rms vs Slug



Right In: 4520.685+/-1.279 χ^2/NDF : 770887.4/16

Left Out: 4260.345+/-1.120 χ^2/NDF : 178409.2/9

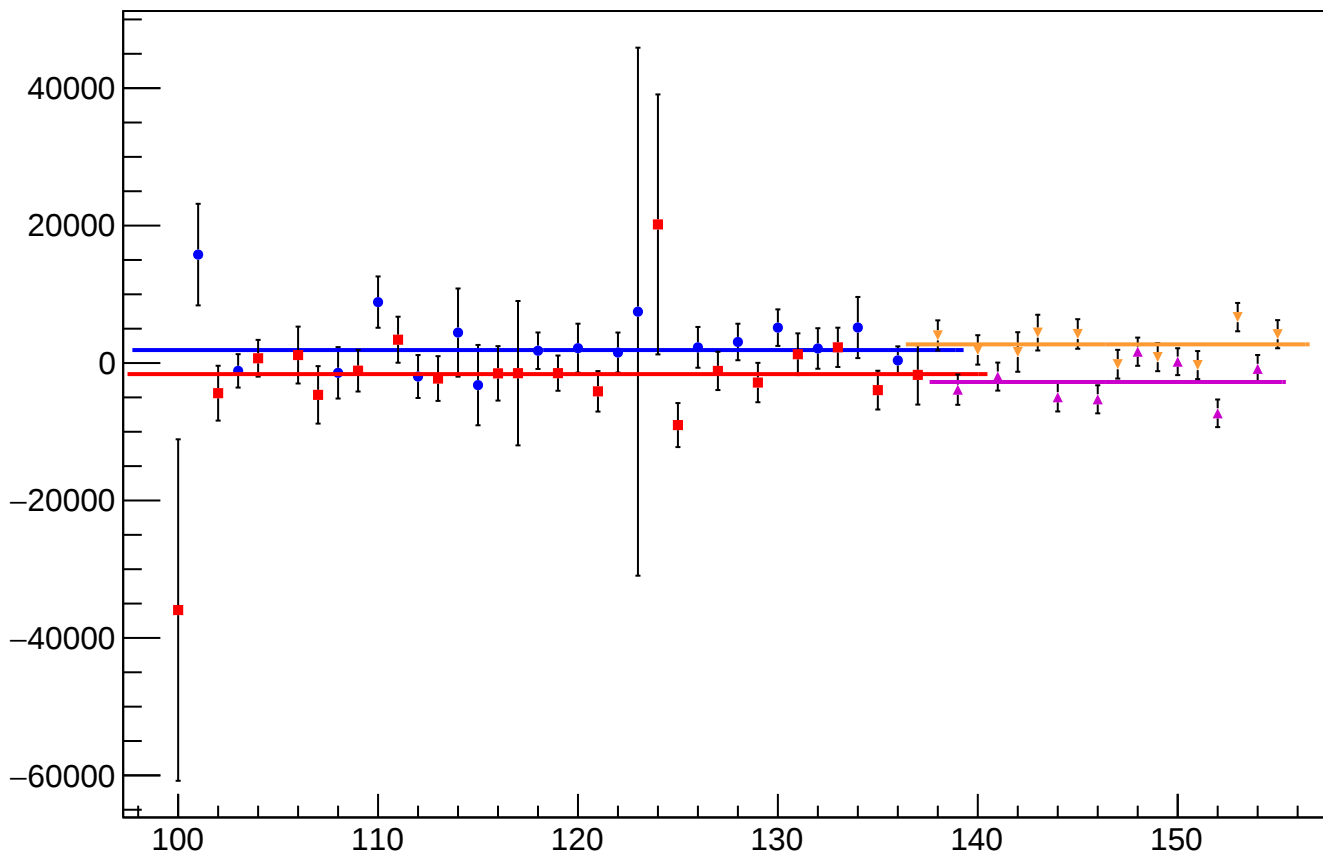
4373.343+/-0.843 χ^2/NDF : 972738.5/26

Right Out: 4302.892+/-1.187 χ^2/NDF : 781886.1/19

4312.474+/-0.844 χ^2/NDF : 981190.3/27

Left In: 4322.296+/-1.202 χ^2/NDF : 199172.3/7

reg_asym_at1_avg_mean vs Slug



Right In: 1887.915+/-783.827 χ^2/NDF : 14.7/16

Left Out: 2718.138+/-691.283 χ^2/NDF : 10.7/9

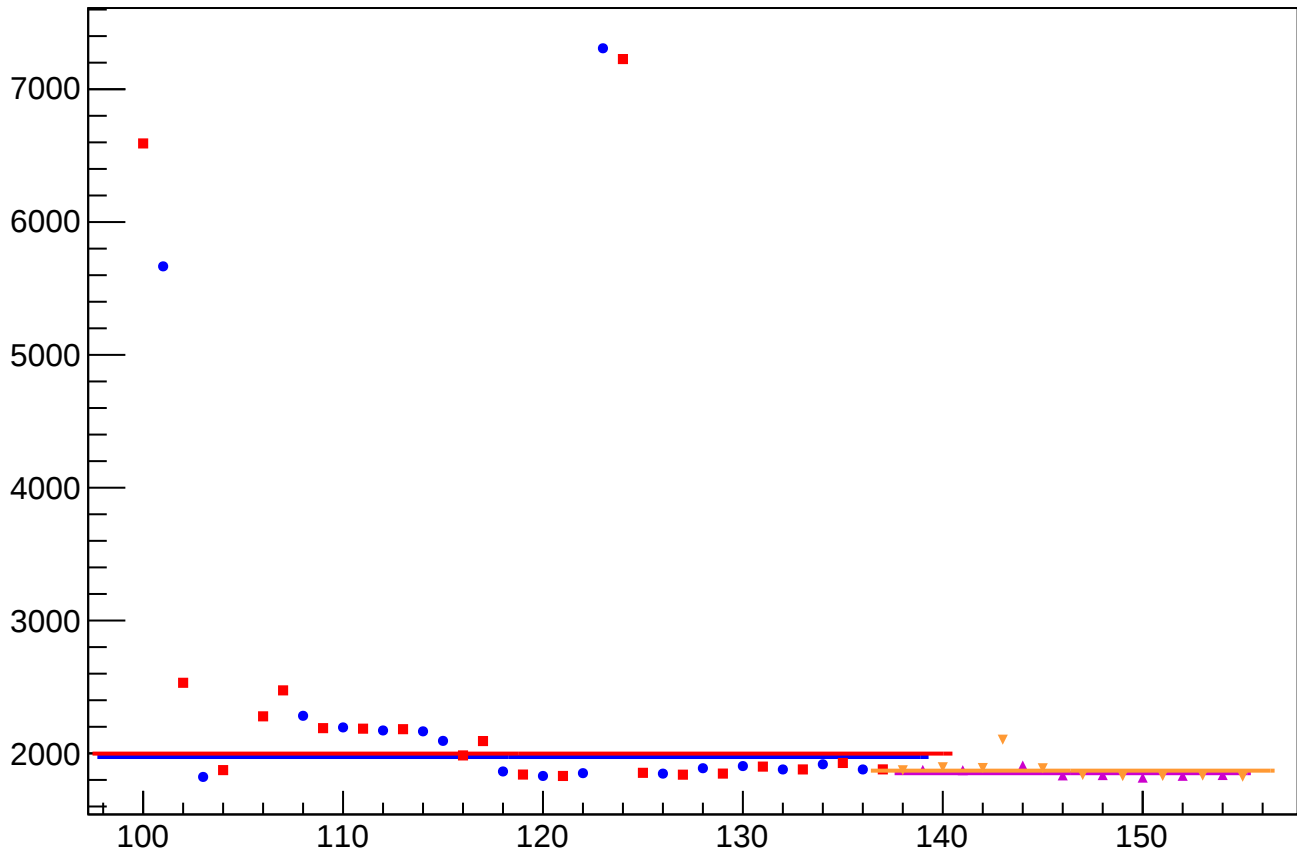
Right Out: -1609.604+/-763.815 χ^2/NDF : 17.5/19

Left In: -2756.449+/-723.199 χ^2/NDF : 16.0/7

2354.908+/-518.458 χ^2/NDF : 26.0/26

-2214.328+/-525.151 χ^2/NDF : 34.7/27

reg_asym_at1_avg_rms vs Slug



Right In: 1972.484+/-0.554 χ^2/NDF : 600869.6/16

Left Out: 1869.765+/-0.489 χ^2/NDF : 20357.4/9

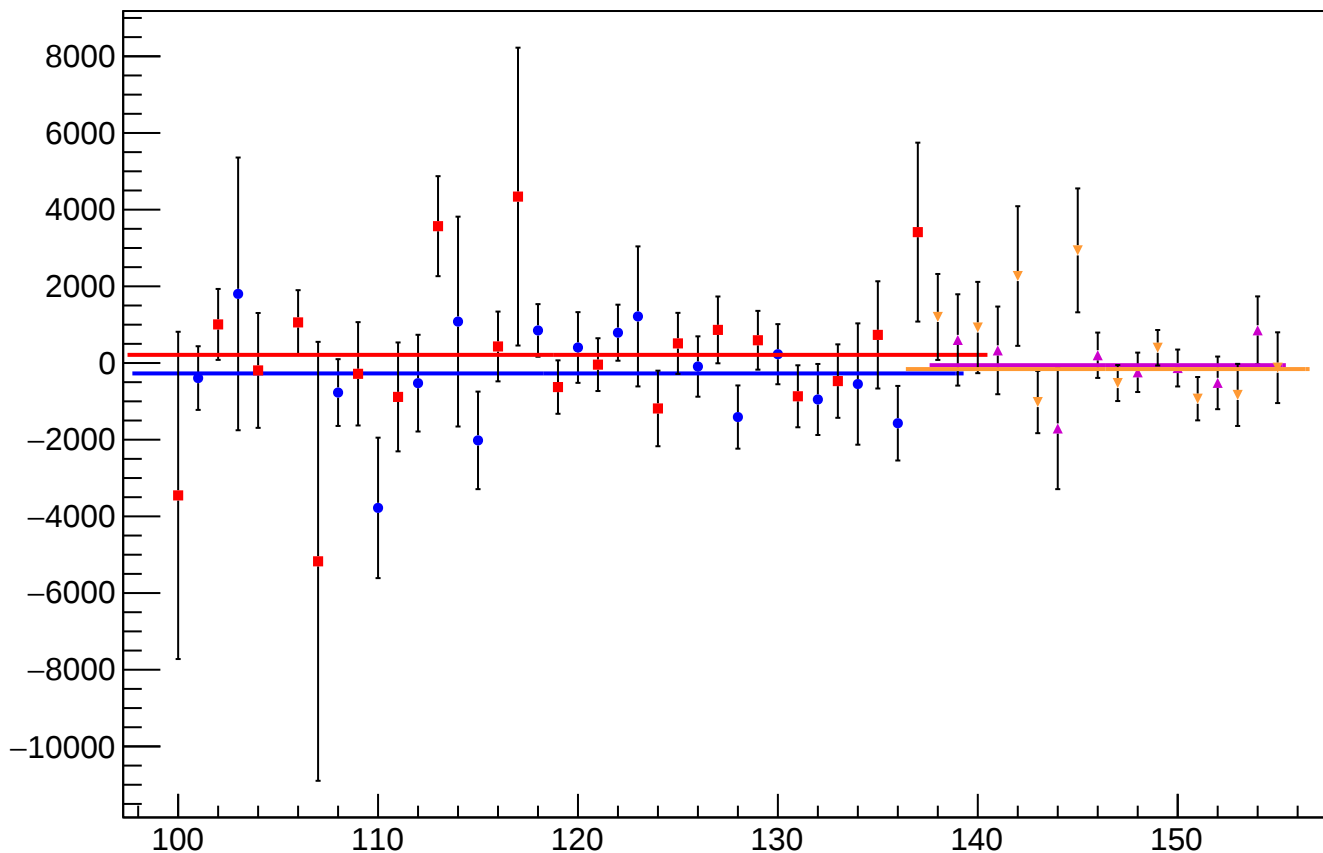
Right Out: 1998.150+/-0.540 χ^2/NDF : 355735.1/19

Left In: 1850.568+/-0.511 χ^2/NDF : 3144.4/7

1914.706+/-0.367 χ^2/NDF : 640547.0/26

1920.331+/-0.371 χ^2/NDF : 398250.4/27

asym_at1_avg_correction_mean vs Slug



Right In: -271.773+/-240.214 χ^2/NDF : 17.2/16

Left Out: -157.884+/-230.995 χ^2/NDF : 13.5/9

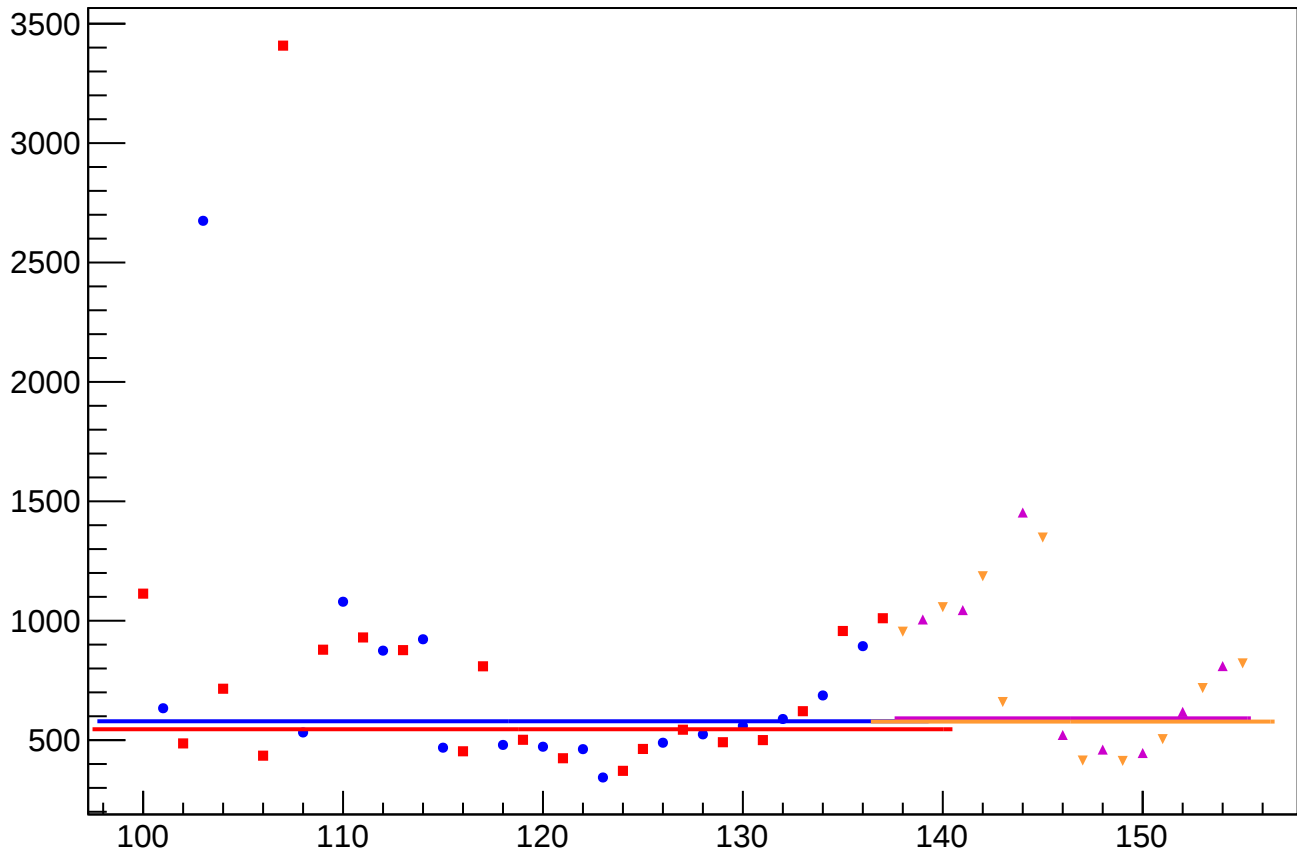
Right Out: 212.774+/-228.638 χ^2/NDF : 20.9/19

Left In: -56.529+/-248.195 χ^2/NDF : 3.4/7

-212.601+/-166.502 χ^2/NDF : 30.8/26

89.149+/-168.161 χ^2/NDF : 24.8/27

asym_at1_avg_correction_rms vs Slug



Right In: 579.010+/-0.170 χ^2/NDF : 1422148.6/16

Left Out: 577.676+/-0.163 χ^2/NDF :1976399.6/9

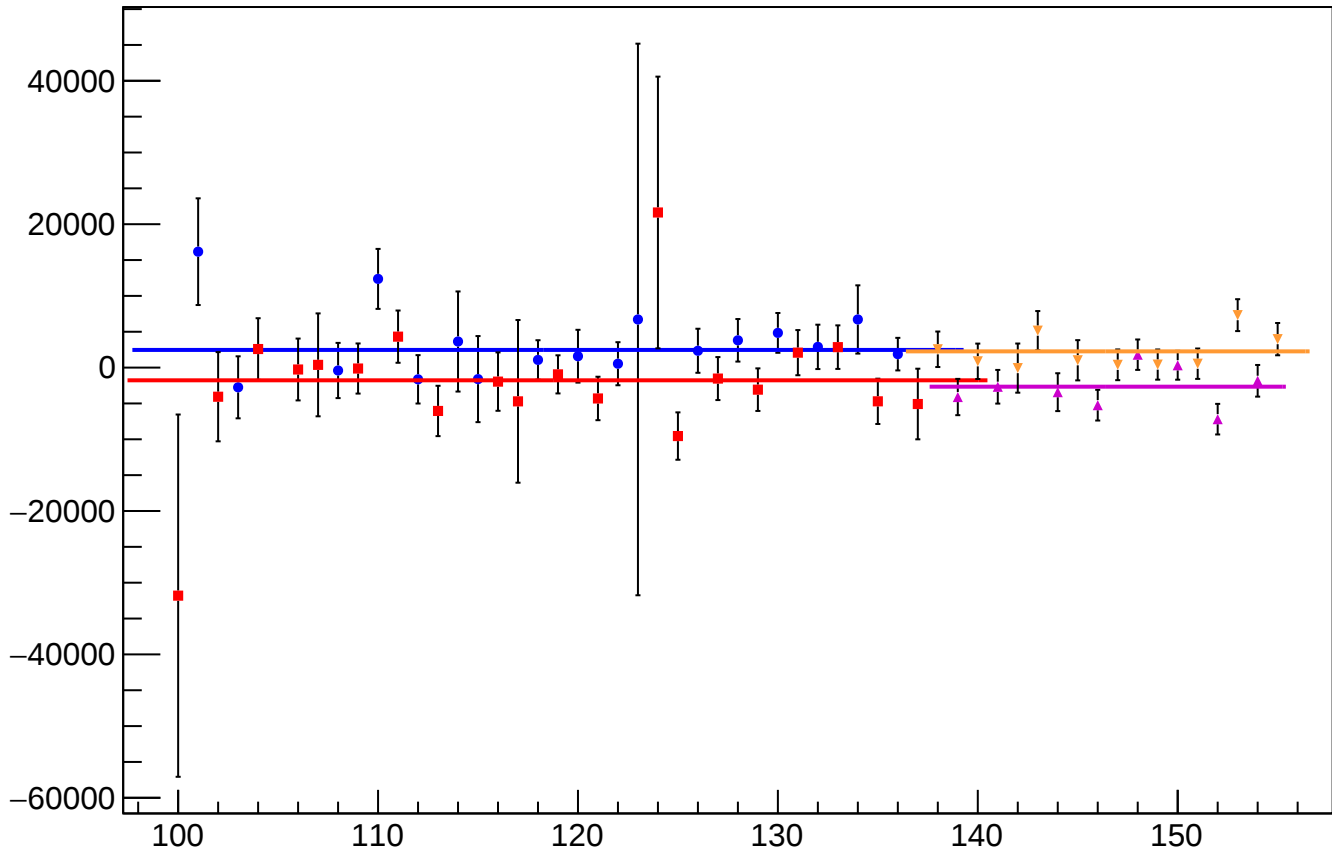
578.317+/-0.118 χ^2/NDF : 3398580.2/26

Right Out: 545.590+/-0.162 χ^2/NDF : 1467038.8/19

566.526+/-0.119 χ^2/NDF : 3116959.6/27

Left In: 591.196+/-0.176 χ^2/NDF :1613390.6/7

asym_at1_avg_mean vs Slug



Right In: 2464.076+/-863.197 χ^2/NDF : 15.5/16

Left Out: 2264.232+/-758.407 χ^2/NDF : 10.0/9

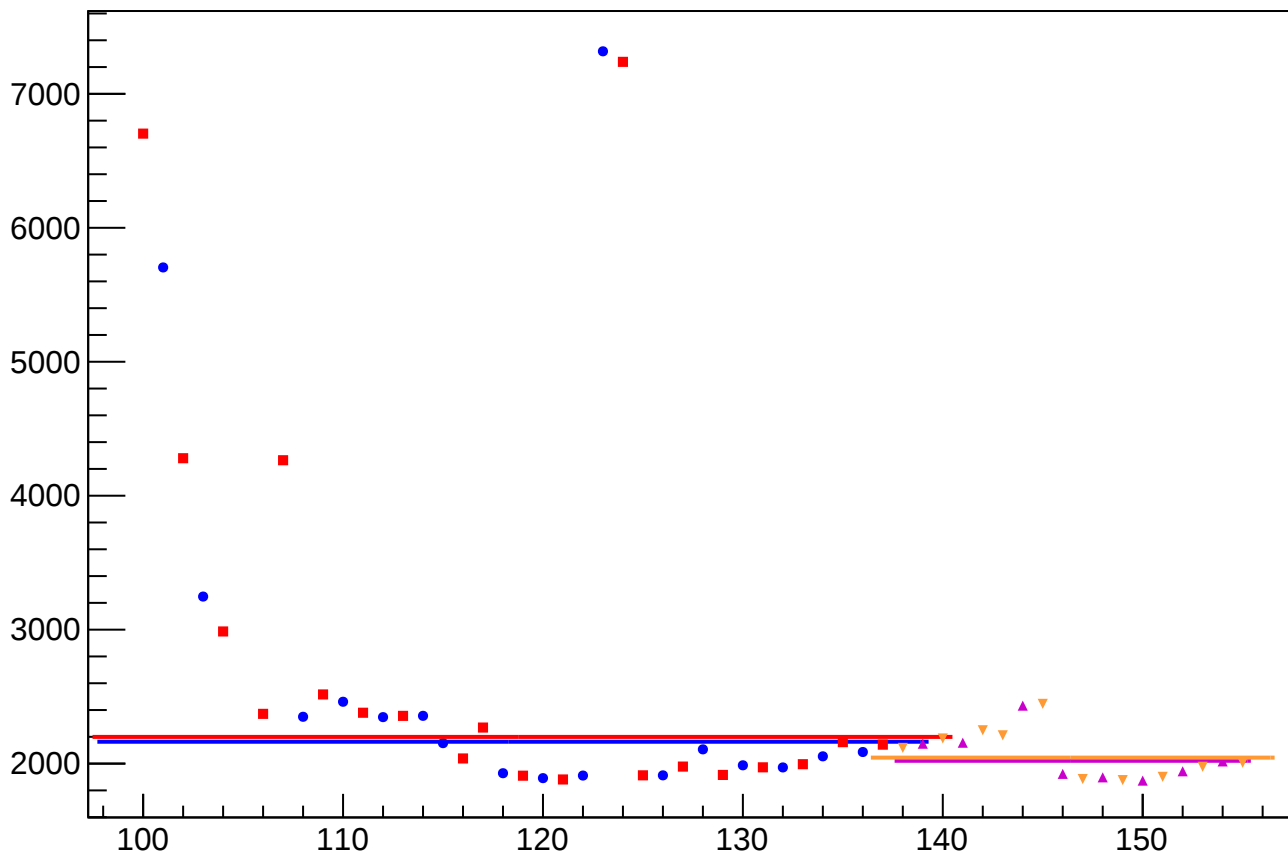
Right Out: -1773.396+/-850.889 χ^2/NDF : 20.5/19

Left In: -2661.284+/-792.384 χ^2/NDF : 13.1/7

2351.293+/-569.741 χ^2/NDF : 25.6/26

-2248.911+/-579.881 χ^2/NDF : 34.3/27

asym_at1_avg_rms vs Slug



Right In: 2163.303+/-0.610 χ^2/NDF : 709584.4/16

Left Out: 2044.676+/-0.536 χ^2/NDF :99372.7/9

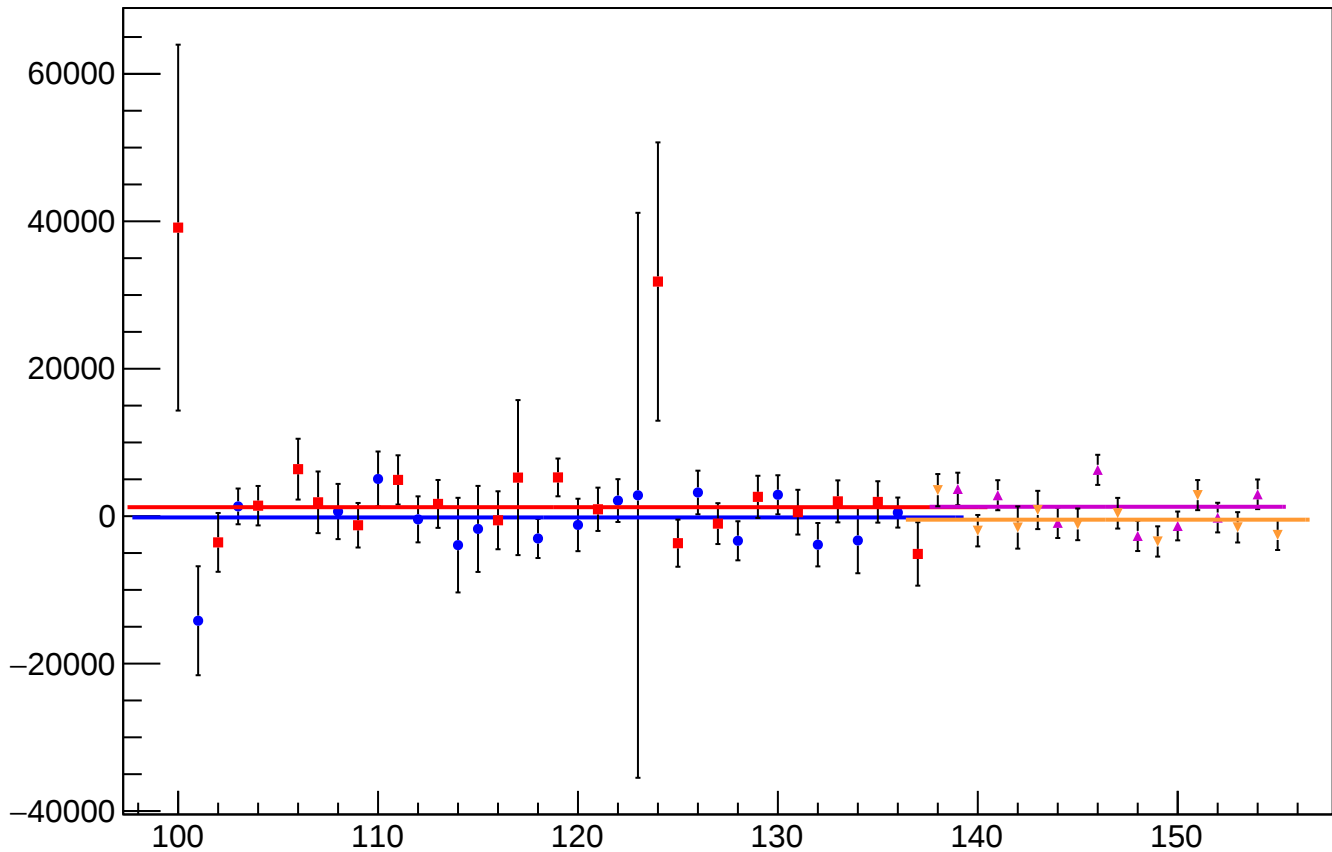
Right Out: 2199.398+/-0.602 χ^2/NDF : 803373.4/19

Left In: 2021.131+/-0.560 χ^2/NDF :84780.0/7

2096.355+/-0.403 χ^2/NDF : 830274.3/26

2103.926+/-0.410 χ^2/NDF : 935167.9/27

reg_asym_at1_dd_mean vs Slug



Right In: -170.351 ± 782.384 χ^2/NDF : 14.5/16

Left Out: -476.441 ± 690.054 χ^2/NDF : 10.5/9

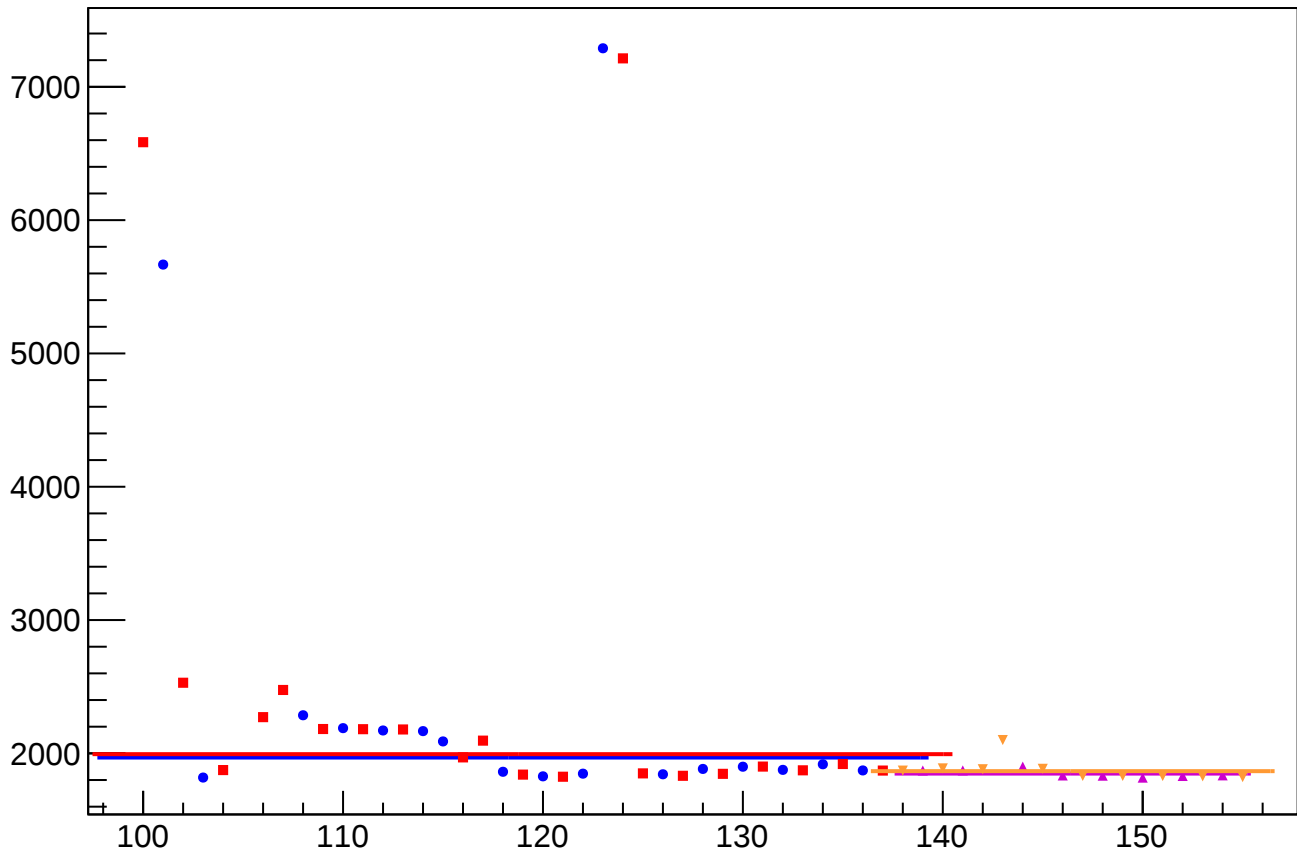
Right Out: 1218.753 ± 762.243 χ^2/NDF : 18.3/19

Left In: 1274.526 ± 722.287 χ^2/NDF : 15.7/7

-342.515 ± 517.522 χ^2/NDF : 25.1/26

1248.139 ± 524.290 χ^2/NDF : 34.0/27

reg_asym_at1_dd_rms vs Slug



Right In: 1968.632+/-0.553 χ^2/NDF : 602972.8/16

Left Out: 1866.429+/-0.488 χ^2/NDF : 20081.4/9

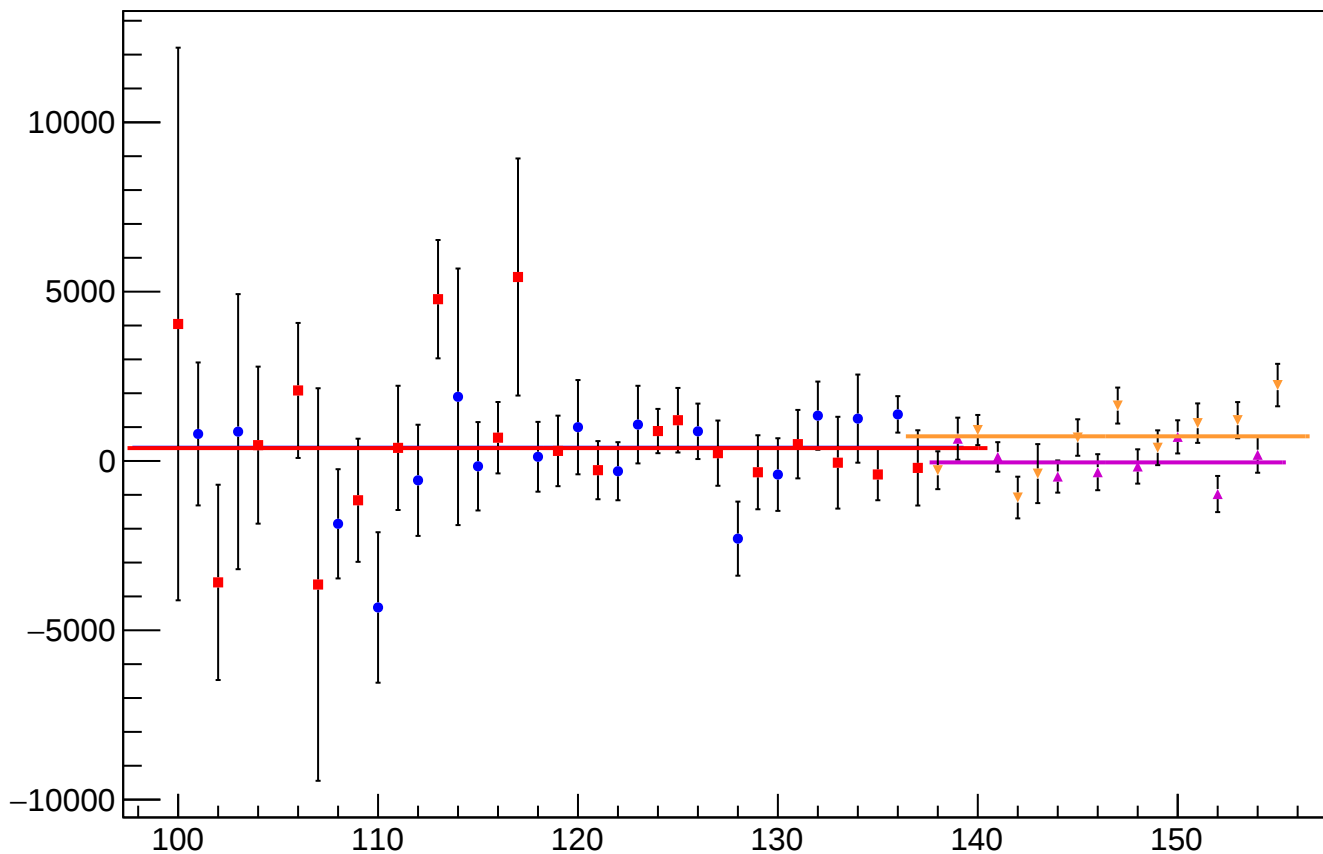
Right Out: 1993.958+/-0.539 χ^2/NDF : 356359.6/19

Left In: 1848.271+/-0.511 χ^2/NDF : 2703.4/7

1911.147+/-0.366 χ^2/NDF : 642250.1/26

1917.196+/-0.371 χ^2/NDF : 397558.5/27

asym_at1_dd_correction_mean vs Slug



Right In: 390.923 ± 270.128 χ^2/NDF : 20.0/16

Left Out: 728.006 ± 176.845 χ^2/NDF : 24.0/9

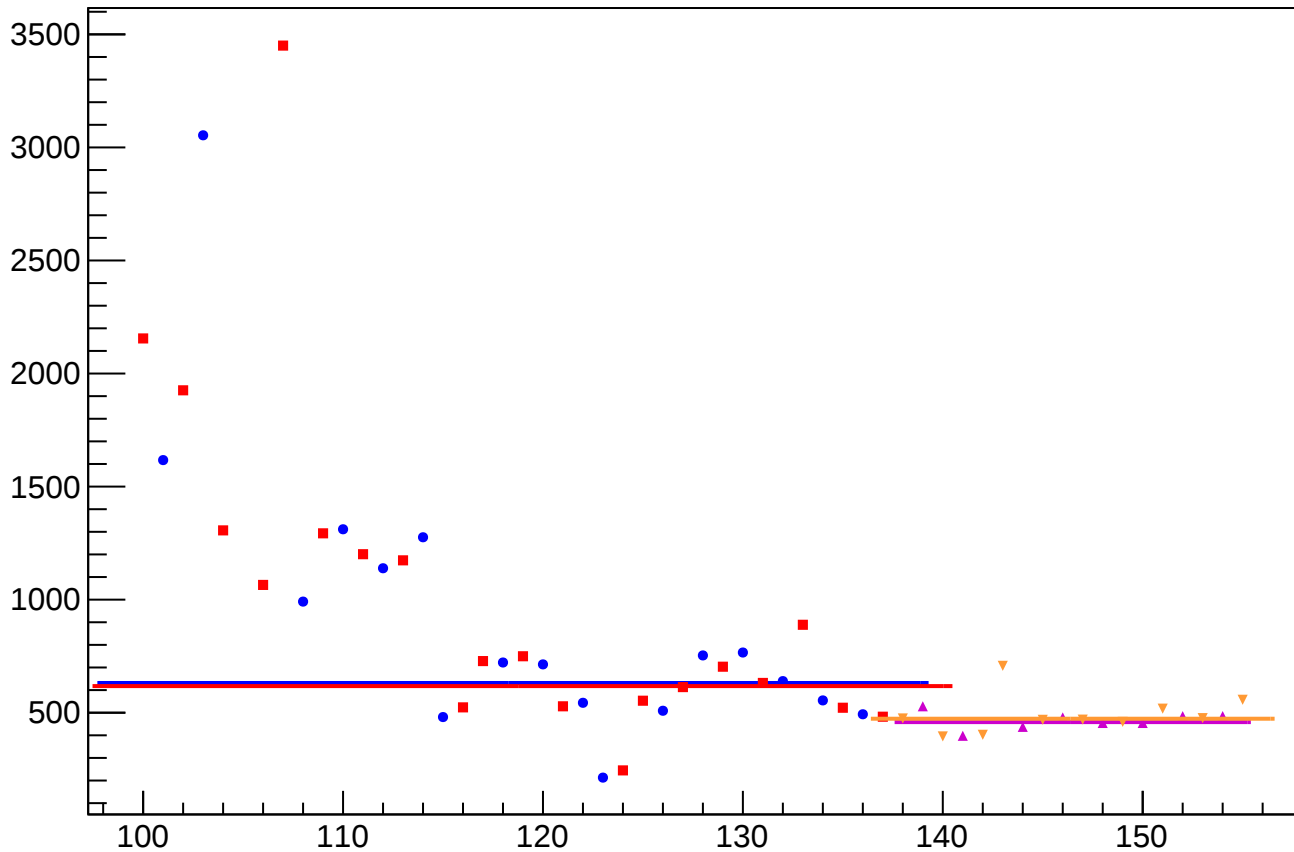
Right Out: 379.833 ± 265.331 χ^2/NDF : 16.3/19

Left In: -42.107 ± 179.757 χ^2/NDF : 8.1/7

626.878 ± 147.958 χ^2/NDF : 45.2/26

90.631 ± 148.820 χ^2/NDF : 26.2/27

asym_at1_dd_correction_rms vs Slug



Right In: 631.430+/-0.191 χ^2/NDF : 2260692.7/16

Left Out: 473.393+/-0.125 χ^2/NDF : 281933.8/9

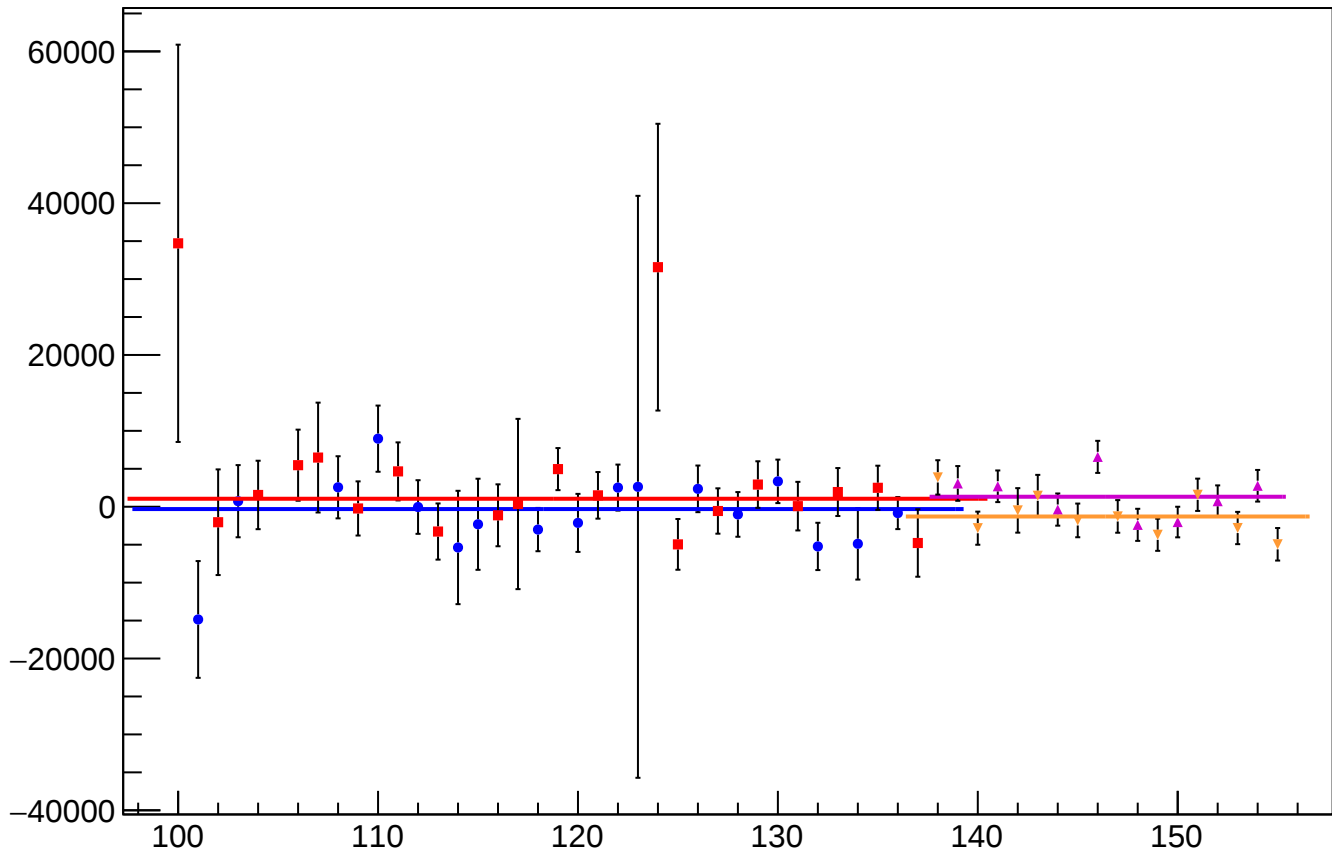
Right Out: 617.675+/-0.188 χ^2/NDF : 2804158.4/19

Left In: 458.423+/-0.127 χ^2/NDF : 81161.8/7

520.805+/-0.105 χ^2/NDF : 3021806.6/26

508.522+/-0.105 χ^2/NDF : 3379141.7/27

asym_at1_dd_mean vs Slug



Right In: -305.713 ± 871.922 χ^2/NDF : 17.2/16

Left Out: -1286.976 ± 715.059 χ^2/NDF : 13.3/9

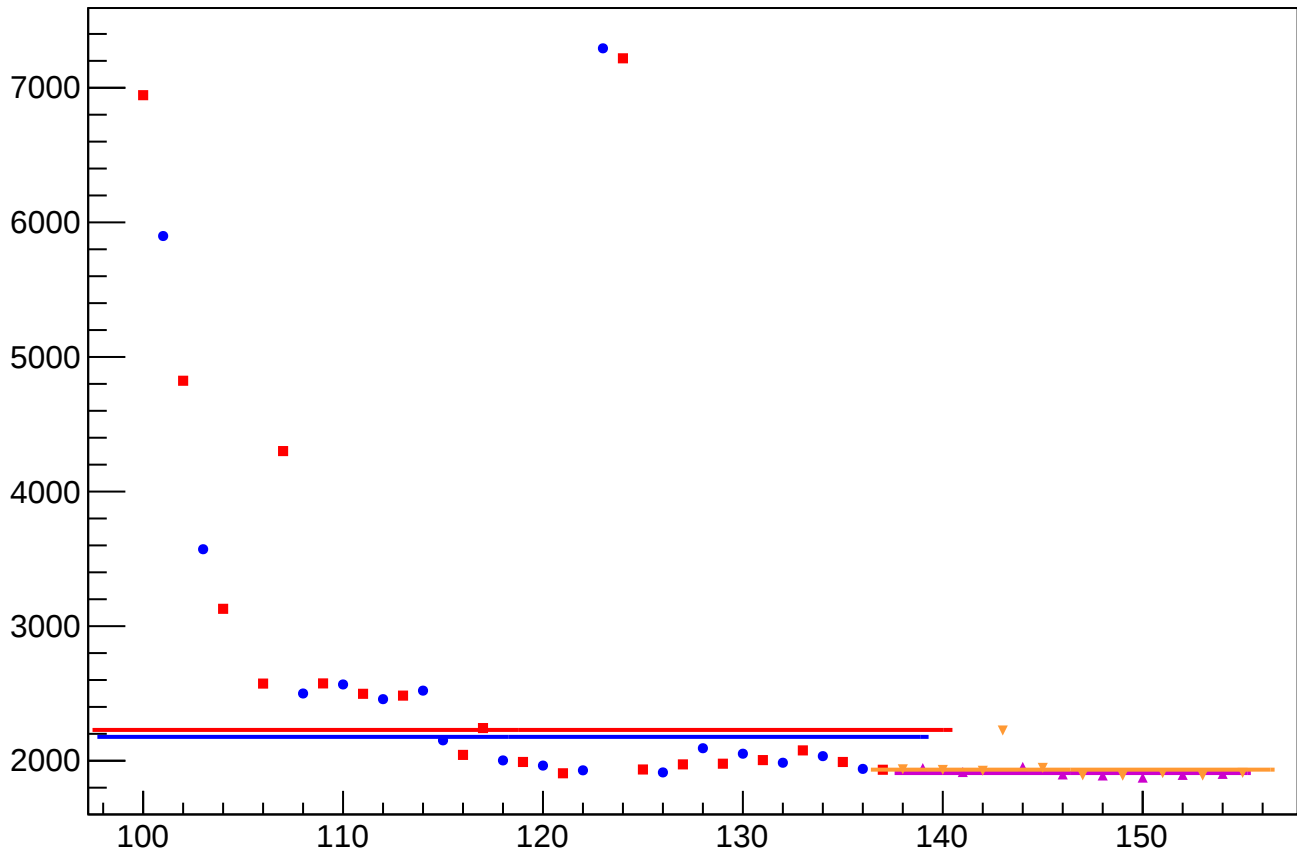
Right Out: 1052.718 ± 864.863 χ^2/NDF : 16.6/19

Left In: 1318.043 ± 745.785 χ^2/NDF : 14.2/7

-892.397 ± 552.907 χ^2/NDF : 31.2/26

1204.890 ± 564.796 χ^2/NDF : 30.9/27

asym_at1_dd_rms vs Slug



Right In: 2177.446+/-0.617 χ^2/NDF : 802836.7/16

Left Out: 1933.964+/-0.506 χ^2/NDF : 25557.5/9

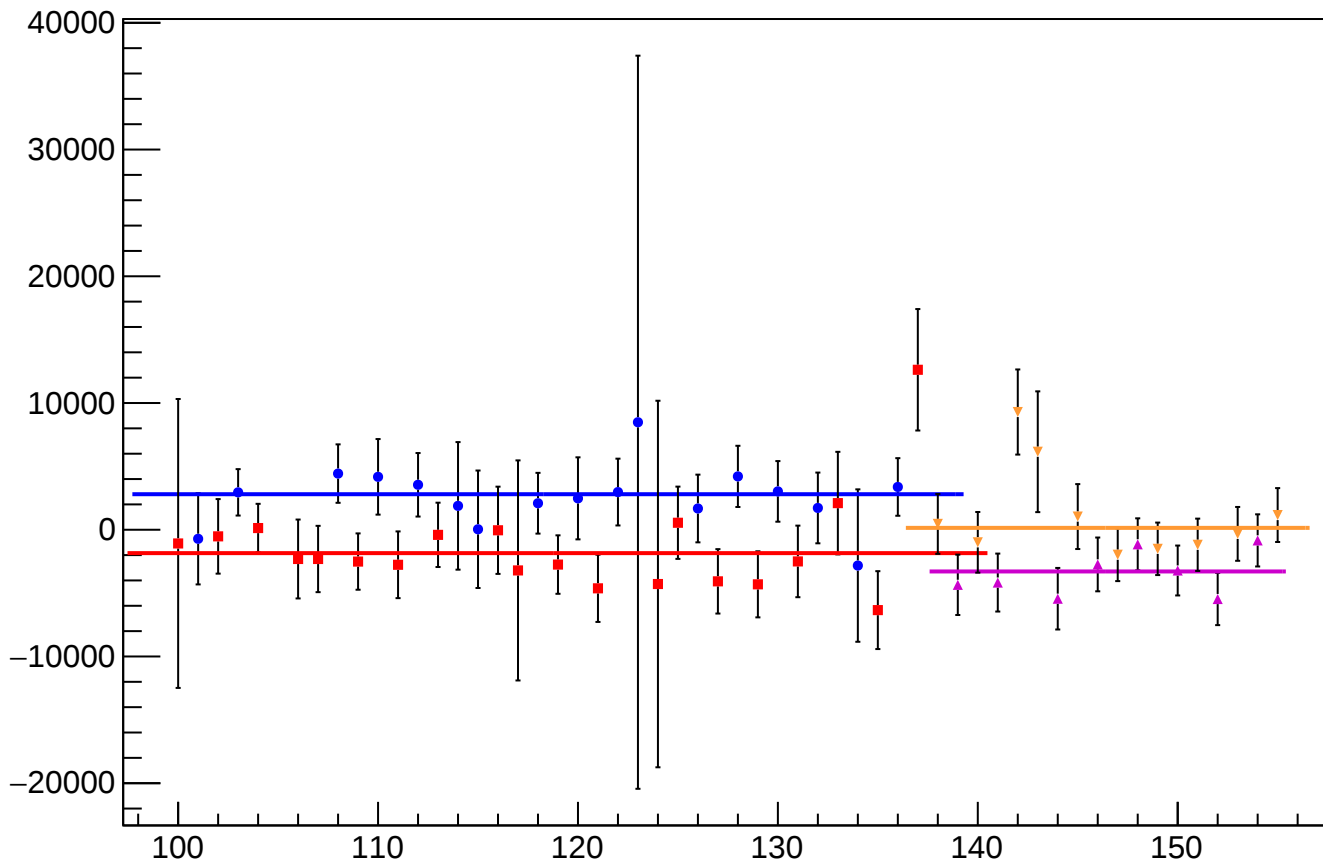
Right Out: 2229.096+/-0.612 χ^2/NDF : 895812.2/19

Left In: 1908.625+/-0.527 χ^2/NDF : 2338.3/7

2031.871+/-0.391 χ^2/NDF : 921640.0/26

2045.297+/-0.399 χ^2/NDF : 1055647.5/27

reg_asym_at2_avg_mean vs Slug



Right In: 2803.917+/-678.548 χ^2/NDF : 3.9/16

Left Out: 147.820+/-749.523 χ^2/NDF : 11.7/9

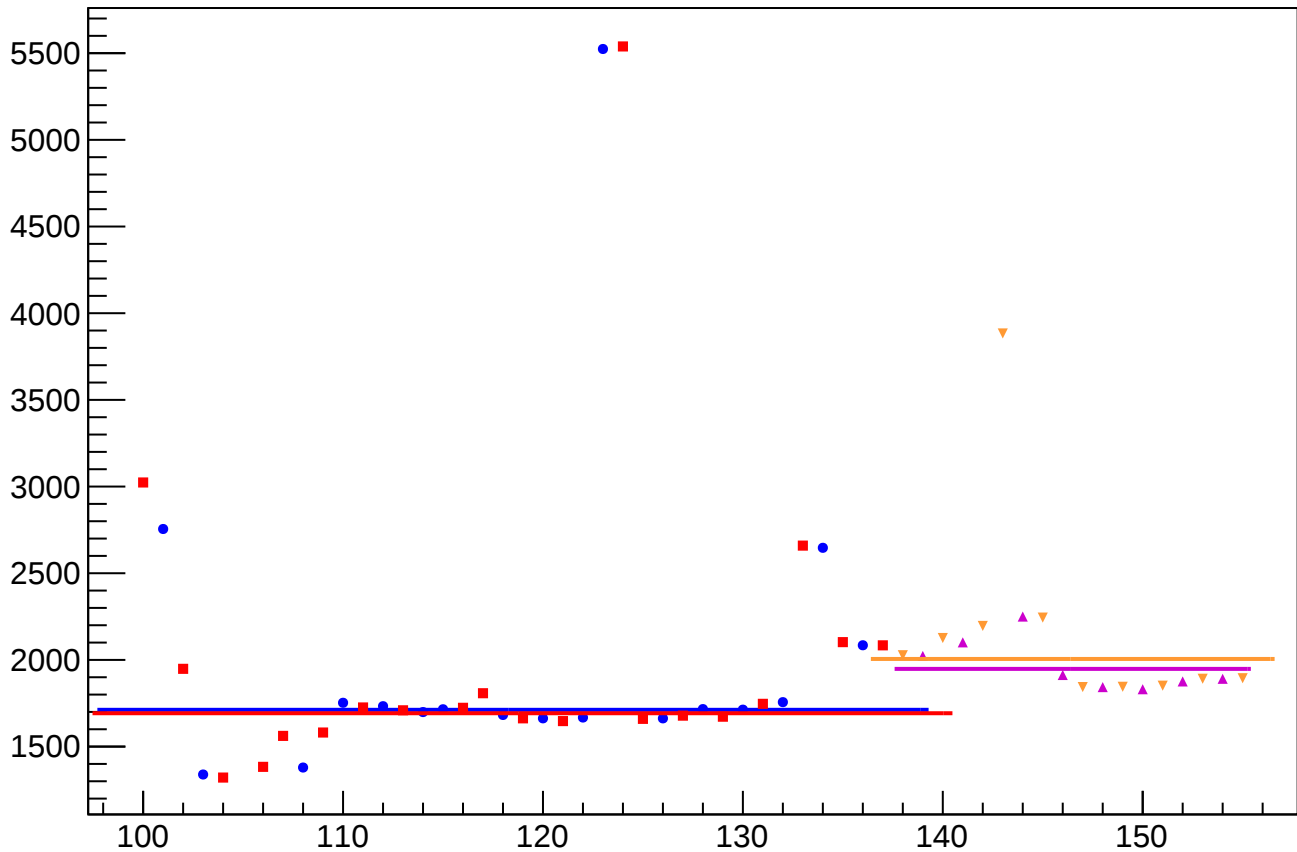
Right Out: -1844.945+/-653.448 χ^2/NDF : 18.1/19

Left In: -3291.157+/-760.952 χ^2/NDF : 4.8/7

1607.550+/-503.031 χ^2/NDF : 22.5/26

-2458.760+/-495.747 χ^2/NDF : 25.0/27

reg_asym_at2_avg_rms vs Slug



Right In: 1712.154 ± 0.480 χ^2/NDF : 432478.4/16

Left Out: 2005.537 ± 0.530 χ^2/NDF : 386124.8/9

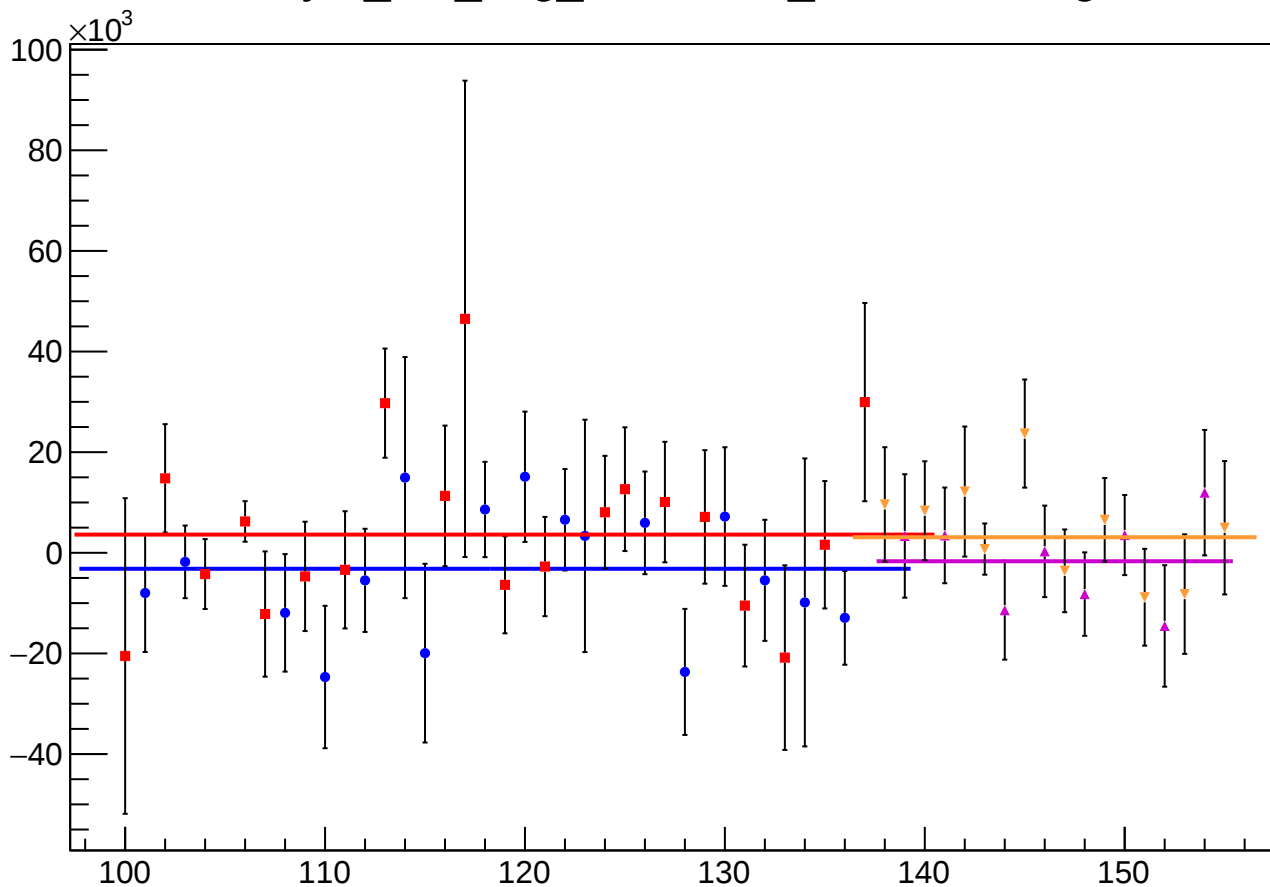
Right Out: 1692.404 ± 0.462 χ^2/NDF : 455277.5/19

Left In: 1948.234 ± 0.538 χ^2/NDF : 58735.4/7

1844.300 ± 0.356 χ^2/NDF : 987010.3/26

1800.985 ± 0.351 χ^2/NDF : 644125.3/27

asym_at2_avg_correction_mean vs Slug



Right In: -3173.245 ± 2851.982 $\chi^2/\text{NDF}: 14.4/16$

Left Out: 3095.085 ± 2837.543 $\chi^2/\text{NDF}: 8.3/9$

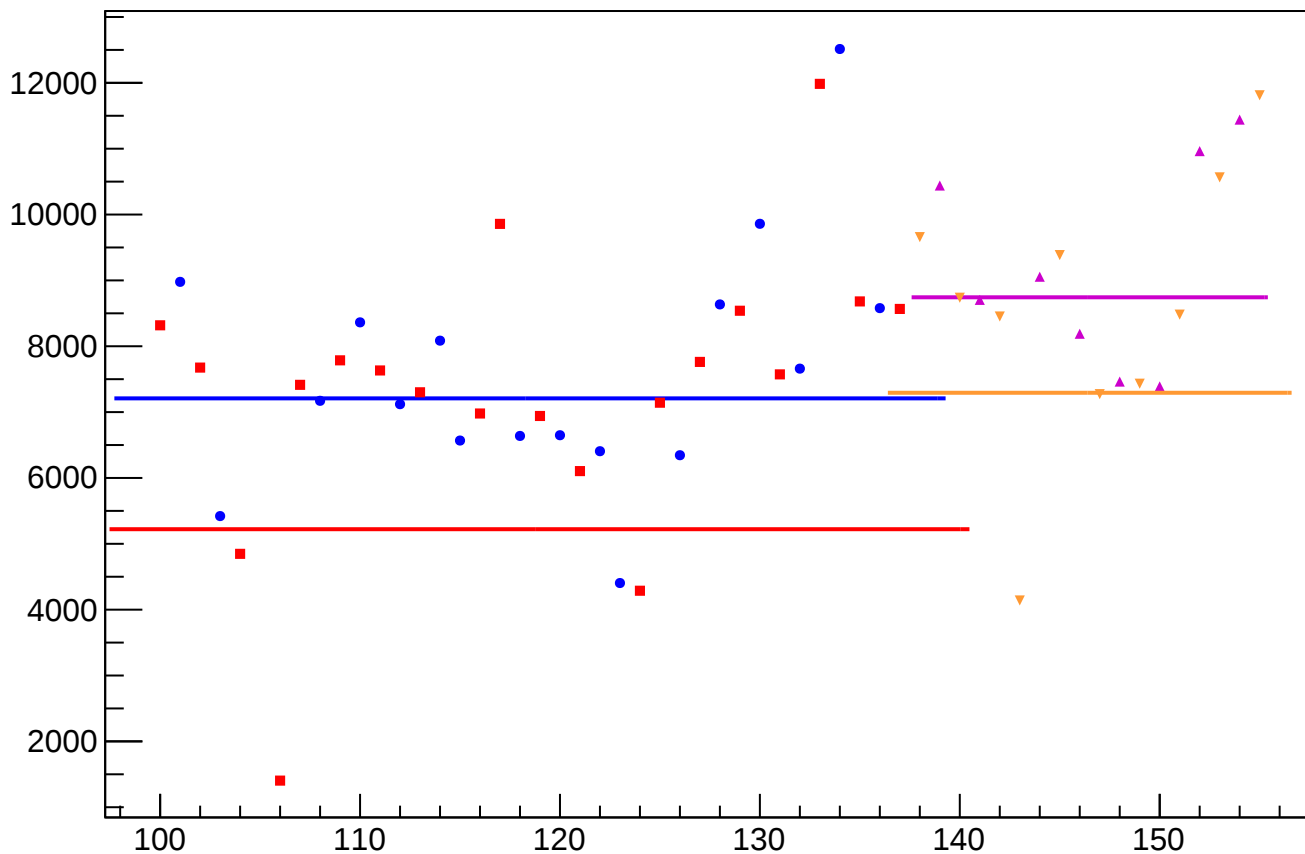
Right Out: 3618.416 ± 2263.938 $\chi^2/\text{NDF}: 20.3/19$

Left In: -1678.225 ± 3455.120 $\chi^2/\text{NDF}: 4.9/7$

-23.173 ± 2011.531 $\chi^2/\text{NDF}: 25.1/26$

2027.426 ± 1893.636 $\chi^2/\text{NDF}: 26.8/27$

asym_at2_avg_correction_rms vs Slug



Right In: 7208.567+/-2.017 χ^2/NDF : 469302.0/16

Left Out: 7293.679+/-2.006 χ^2/NDF :1403669.1/9

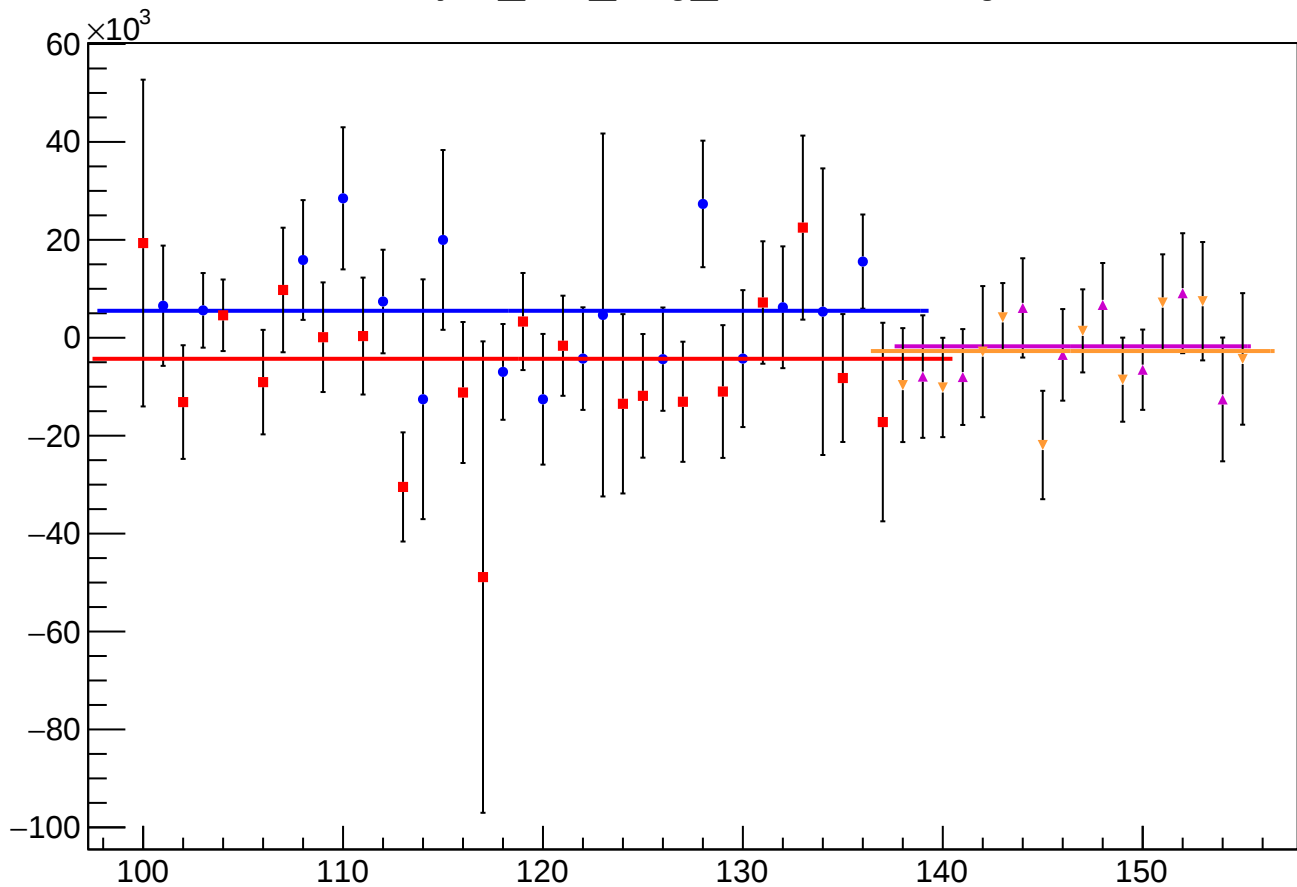
Right Out: 5221.816+/-1.601 χ^2/NDF : 3216100.5/19

Left In: 8743.346+/-2.443 χ^2/NDF :314445.9/7

7251.339+/-1.422 χ^2/NDF : 1873866.2/26

6279.603+/-1.339 χ^2/NDF : 4984098.4/27

asym_at2_avg_mean vs Slug



Right In: 5509.395 $\pm$ 2971.033 χ^2 /NDF: 14.1/16

Left Out: -2715.980 $\pm$ 3141.390 χ^2 /NDF: 7.3/9

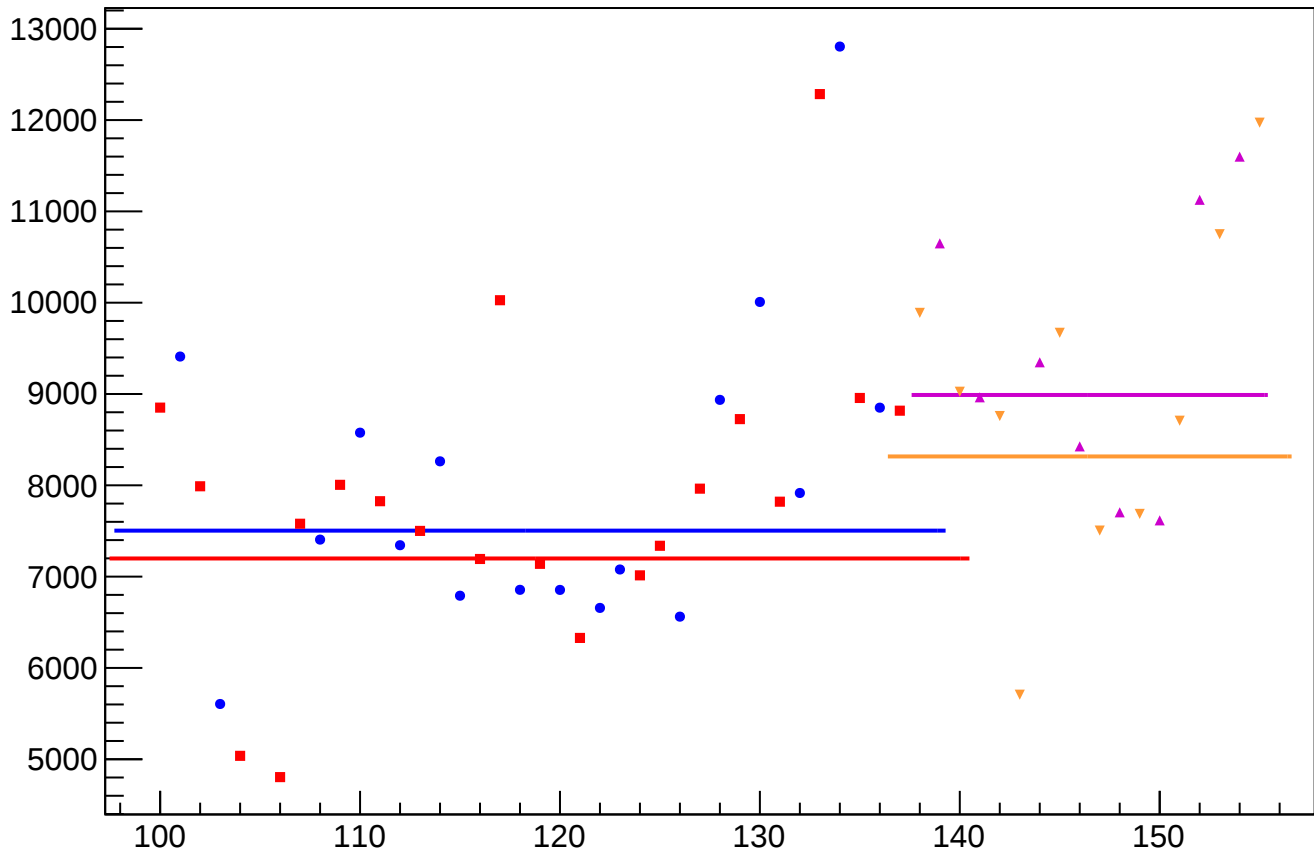
1625.775 $\pm$ 2158.551 χ^2 /NDF: 25.0/26

Right Out: -4295.824 $\pm$ 2785.538 χ^2 /NDF: 16.3/19

-3323.445 $\pm$ 2191.088 χ^2 /NDF: 20.7/27

Left In: -1745.453 $\pm$ 3548.492 χ^2 /NDF: 4.1/7

asym_at2_avg_rms vs Slug



Right In: 7503.667+/-2.101 χ^2 /NDF: 427313.5/16

Left Out: 8316.090+/-2.221 χ^2 /NDF: 617169.9/9

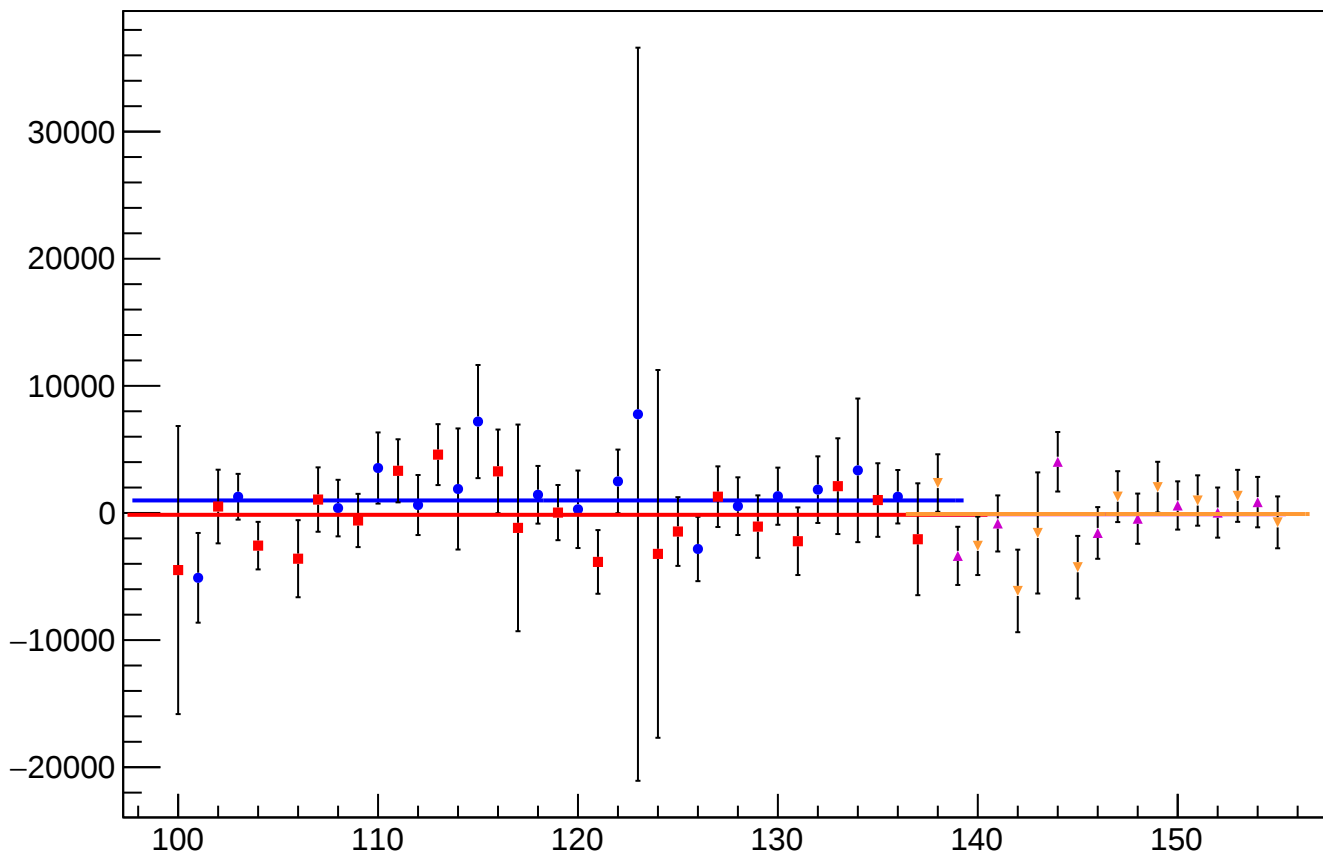
Right Out: 7198.728+/-1.969 χ^2 /NDF: 564629.1/19

Left In: 8989.345+/-2.509 χ^2 /NDF: 292296.5/7

7887.243+/-1.526 χ^2 /NDF: 1115094.2/26

7881.328+/-1.549 χ^2 /NDF: 1172056.7/27

reg_asym_at2_dd_mean vs Slug



Right In: 985.452+/-644.630 χ^2/NDF : 9.1/16

Left Out: -82.503+/-721.140 χ^2/NDF : 11.3/9

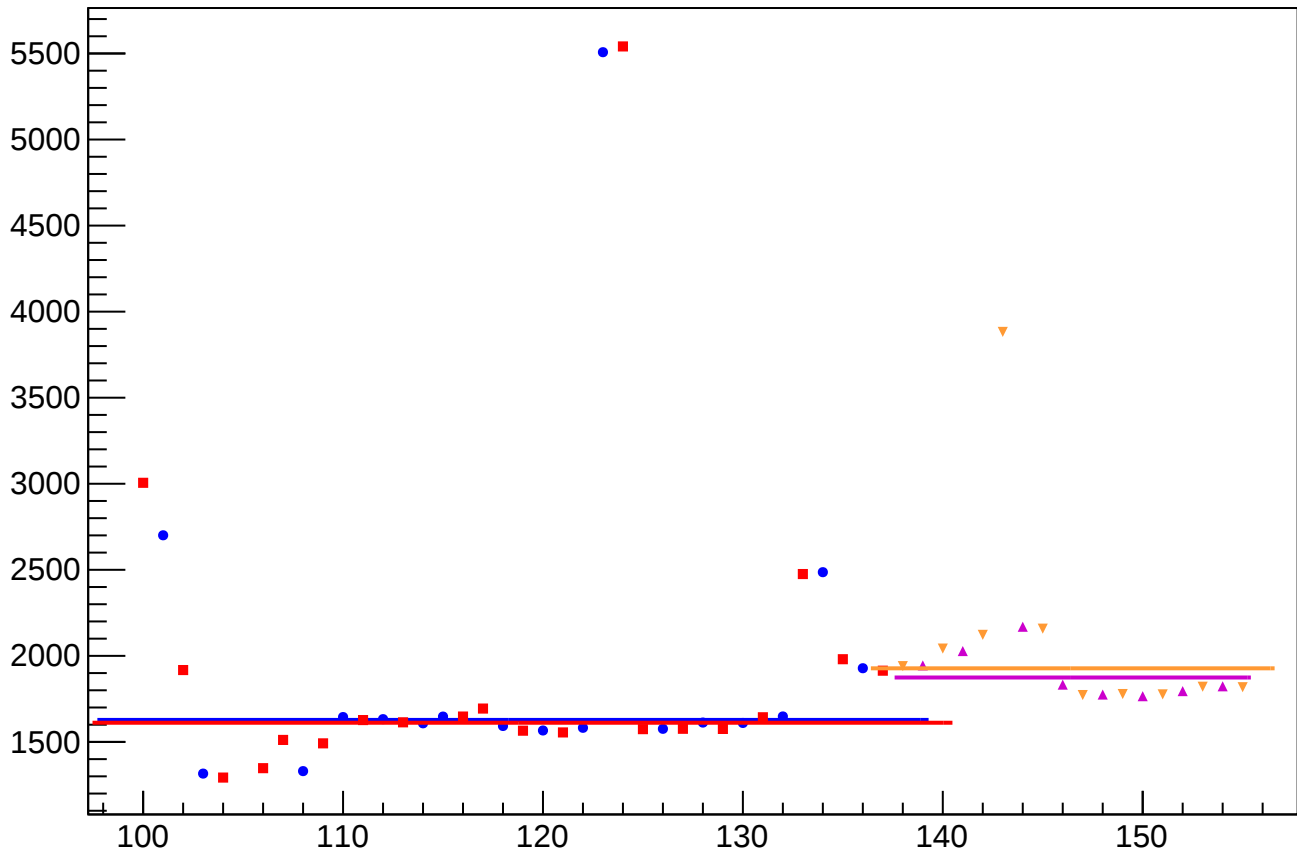
Right Out: -144.683+/-621.728 χ^2/NDF : 14.7/19

Left In: -99.784+/-732.083 χ^2/NDF : 6.2/7

511.114+/-480.604 χ^2/NDF : 21.5/26

-125.869+/-473.892 χ^2/NDF : 20.9/27

reg_asym_at2_dd_rms vs Slug



Right In: 1627.836+/-0.456 χ^2/NDF : 407106.6/16

Left Out: 1927.612+/-0.510 χ^2/NDF : 412549.0/9

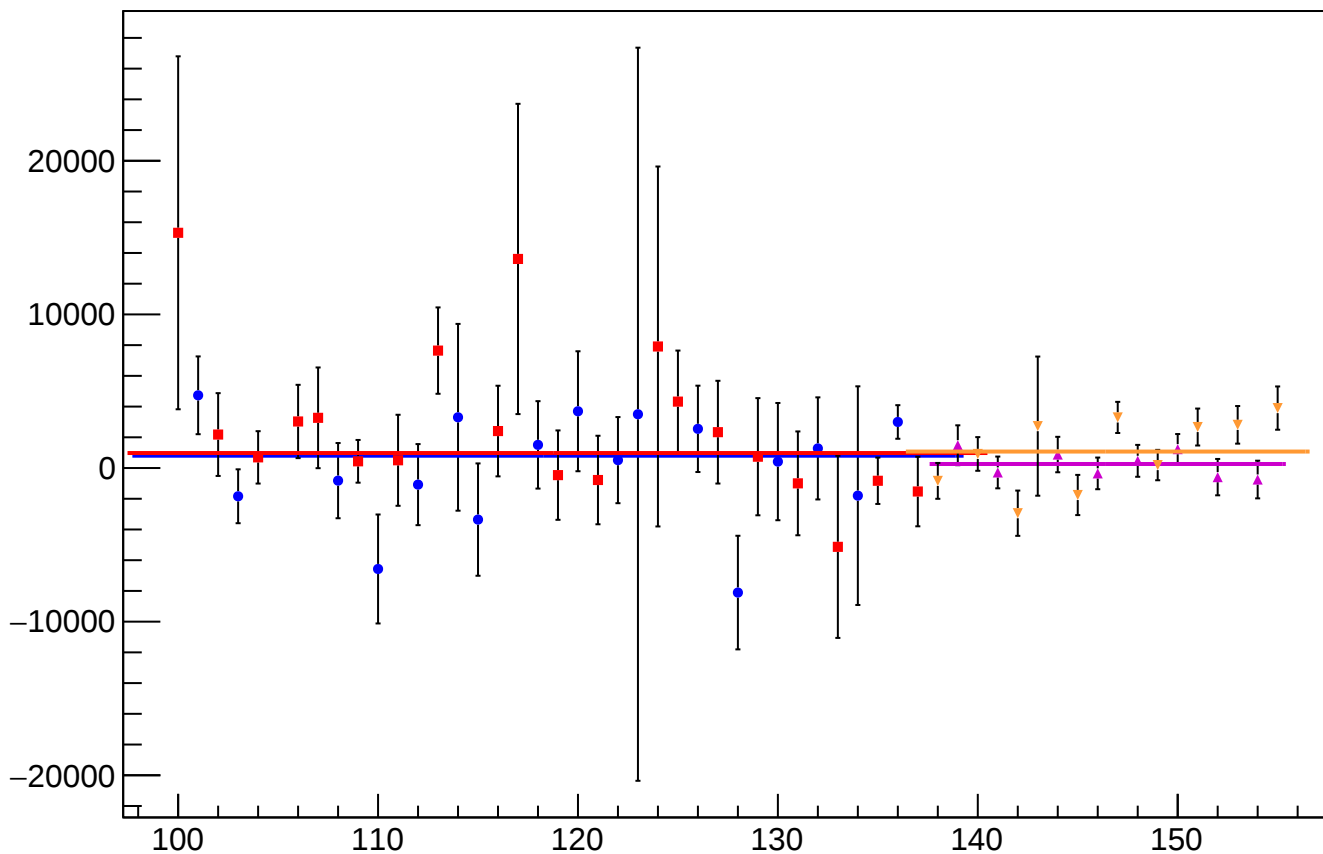
Right Out: 1611.433+/-0.440 χ^2/NDF : 434167.6/19

Left In: 1874.240+/-0.518 χ^2/NDF : 60265.2/7

1760.983+/-0.340 χ^2/NDF : 1011760.6/26

1721.555+/-0.335 χ^2/NDF : 644173.7/27

asym_at2_dd_correction_mean vs Slug



Right In: 803.048+/-631.676 χ^2/NDF : 22.4/16

Left Out: 1072.794+/-391.637 χ^2/NDF : 28.3/9

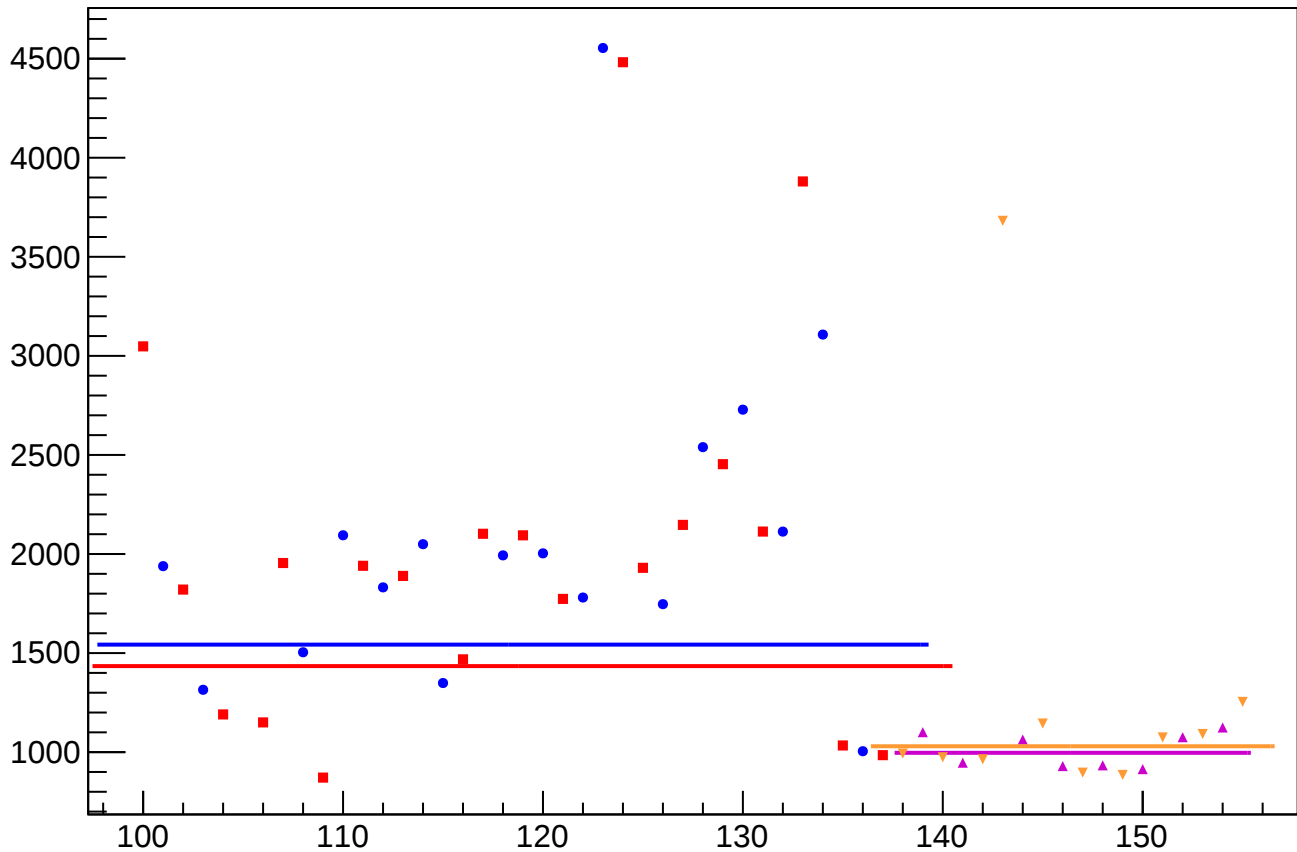
Right Out: 976.725+/-588.724 χ^2/NDF : 16.8/19

Left In: 262.756+/-390.420 χ^2/NDF : 4.0/7

997.896+/-332.854 χ^2/NDF : 50.9/26

480.839+/-325.374 χ^2/NDF : 21.9/27

asym_at2_dd_correction_rms vs Slug



Right In: 1542.705+/-0.447 χ^2/NDF : 1287946.3/16

Left Out: 1029.753+/-0.277 χ^2/NDF : 847902.4/9

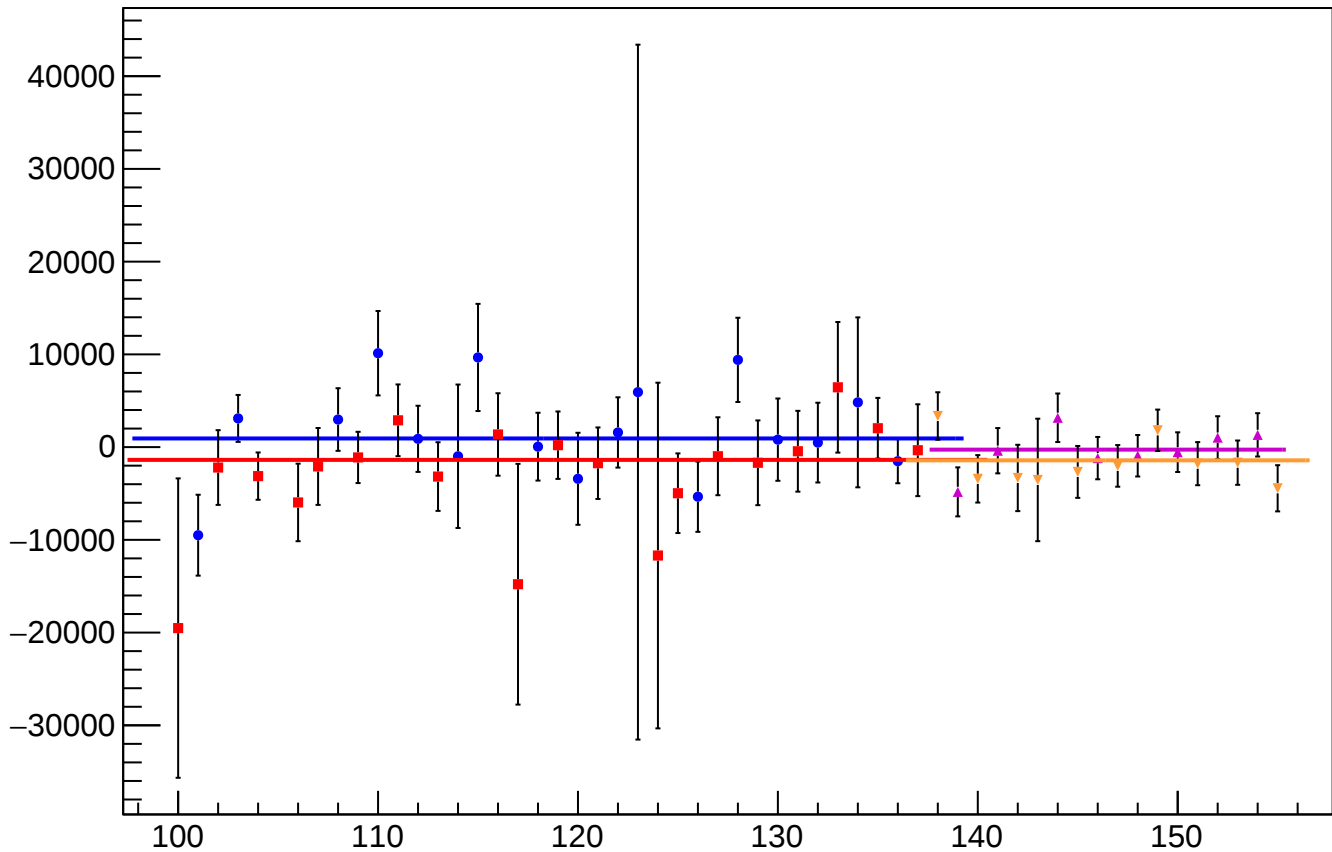
1172.181+/-0.235 χ^2/NDF : 3088499.5/26

Right Out: 1434.290+/-0.416 χ^2/NDF : 1832587.0/19

1130.366+/-0.230 χ^2/NDF : 2684691.8/27

Left In: 996.704+/-0.276 χ^2/NDF : 84676.7/7

asym_at2_dd_mean vs Slug



Right In: 932.818 ± 967.941 χ^2/NDF : 21.6/16

Left Out: -1425.314 ± 829.054 χ^2/NDF : 8.4/9

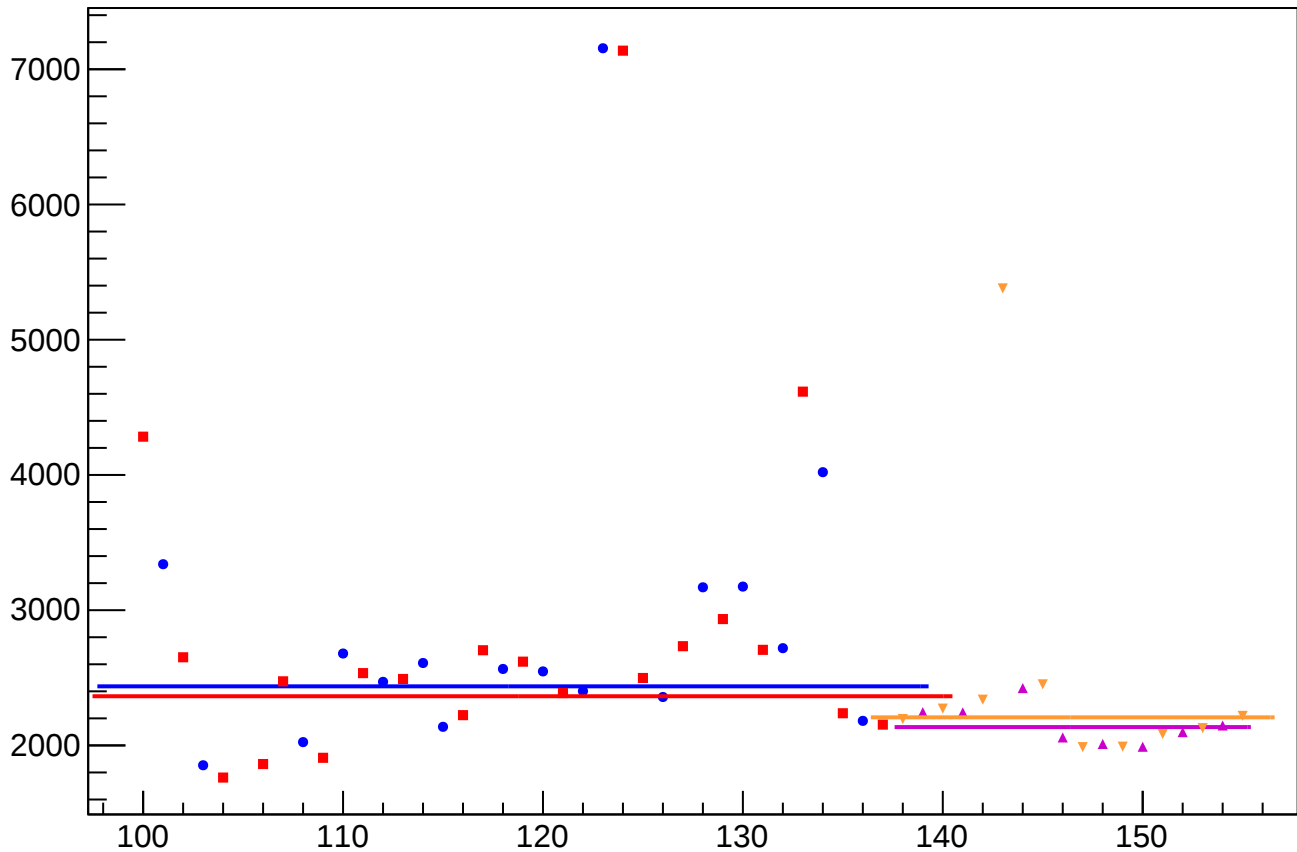
Right Out: -1375.966 ± 923.072 χ^2/NDF : 9.6/19

Left In: -272.557 ± 833.867 χ^2/NDF : 5.7/7

-427.422 ± 629.661 χ^2/NDF : 33.4/26

-768.382 ± 618.773 χ^2/NDF : 16.1/27

asym_at2_dd_rms vs Slug



Right In: 2436.855 ± 0.684 χ^2/NDF : 469030.2/16

Left Out: 2207.499 ± 0.586 χ^2/NDF : 526653.3/9

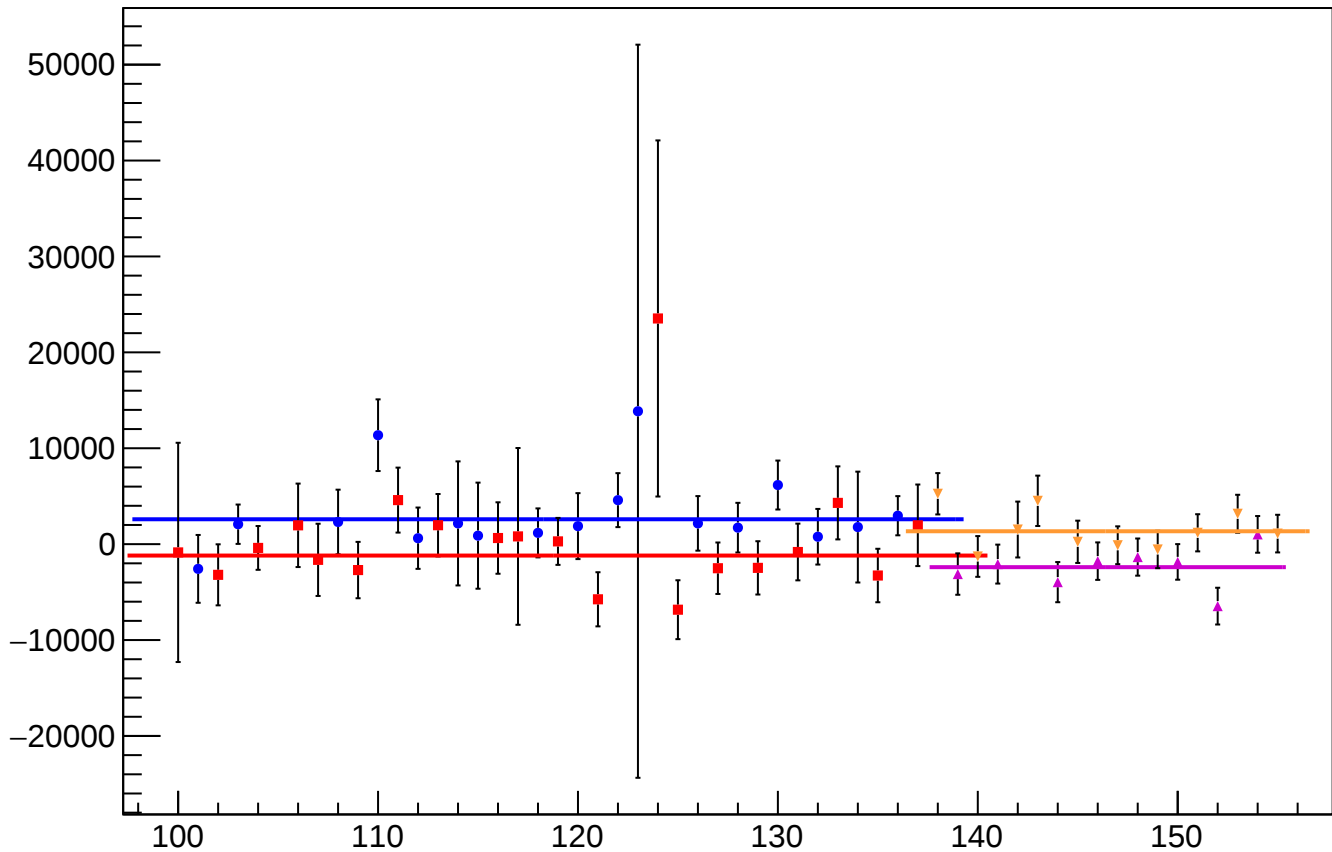
Right Out: 2363.609 ± 0.653 χ^2/NDF : 657228.5/19

Left In: 2135.540 ± 0.590 χ^2/NDF : 50022.3/7

2304.556 ± 0.445 χ^2/NDF : 1060457.7/26

2238.025 ± 0.438 χ^2/NDF : 774480.9/27

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2594.684 ± 743.000 χ^2/NDF : 11.7/16

Left Out: 1344.042 ± 673.184 χ^2/NDF : 8.9/9

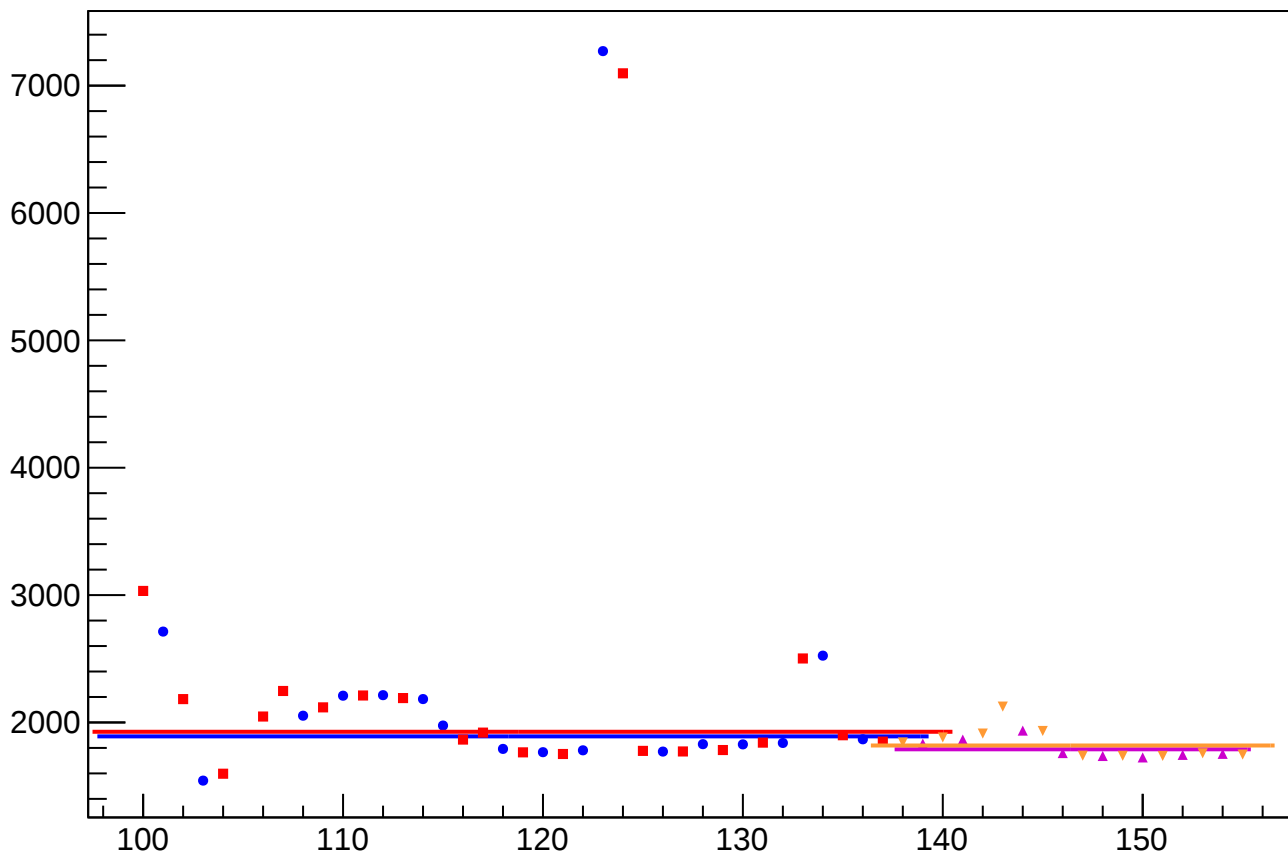
Right Out: -1189.680 ± 737.247 χ^2/NDF : 17.3/19

Left In: -2399.958 ± 698.525 χ^2/NDF : 8.9/7

1907.857 ± 498.874 χ^2/NDF : 22.1/26

-1827.437 ± 507.068 χ^2/NDF : 27.5/27

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1890.721+/-0.525 χ^2/NDF : 288944.9/16

Left Out: 1819.157+/-0.476 χ^2/NDF : 51338.1/9

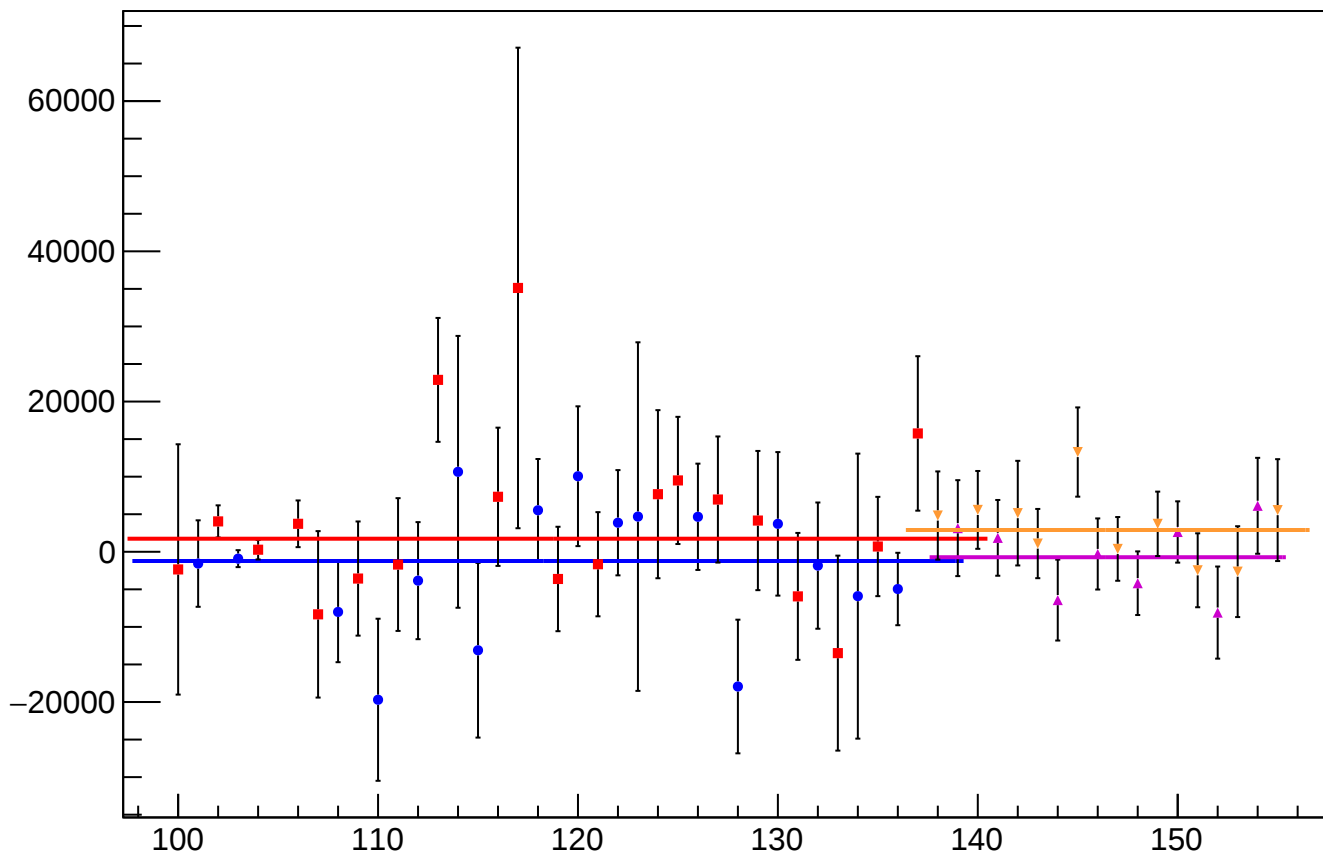
Right Out: 1926.906+/-0.520 χ^2/NDF : 362255.6/19

Left In: 1789.170+/-0.494 χ^2/NDF : 19558.9/7

1851.420+/-0.353 χ^2/NDF : 350472.5/26

1854.434+/-0.358 χ^2/NDF : 418659.7/27

asym_atl1r2_avg_correction_mean vs Slug



Right In: -1226.915 ± 984.603 χ^2/NDF : 13.8/16

Left Out: 2900.268 ± 1660.679 χ^2/NDF : 6.3/9

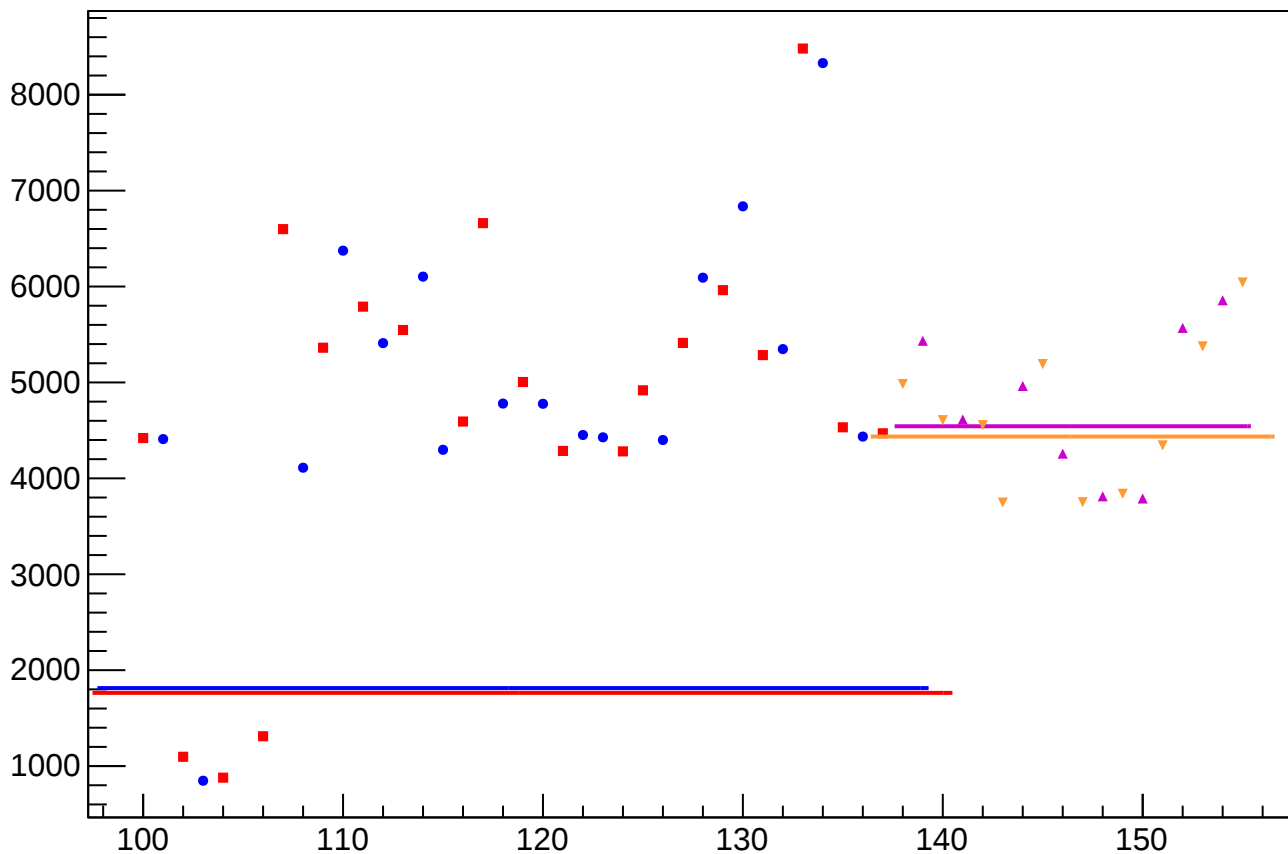
Right Out: 1740.671 ± 941.173 χ^2/NDF : 18.9/19

Left In: -723.964 ± 1796.567 χ^2/NDF : 5.7/7

-153.465 ± 846.934 χ^2/NDF : 24.6/26

1209.928 ± 833.699 χ^2/NDF : 26.1/27

asym_atl1r2_avg_correction_rms vs Slug



Right In: 1813.195+/-0.696 χ^2/NDF : 6449038.4/16

Left Out: 4436.053+/-1.174 χ^2/NDF : 349173.9/9

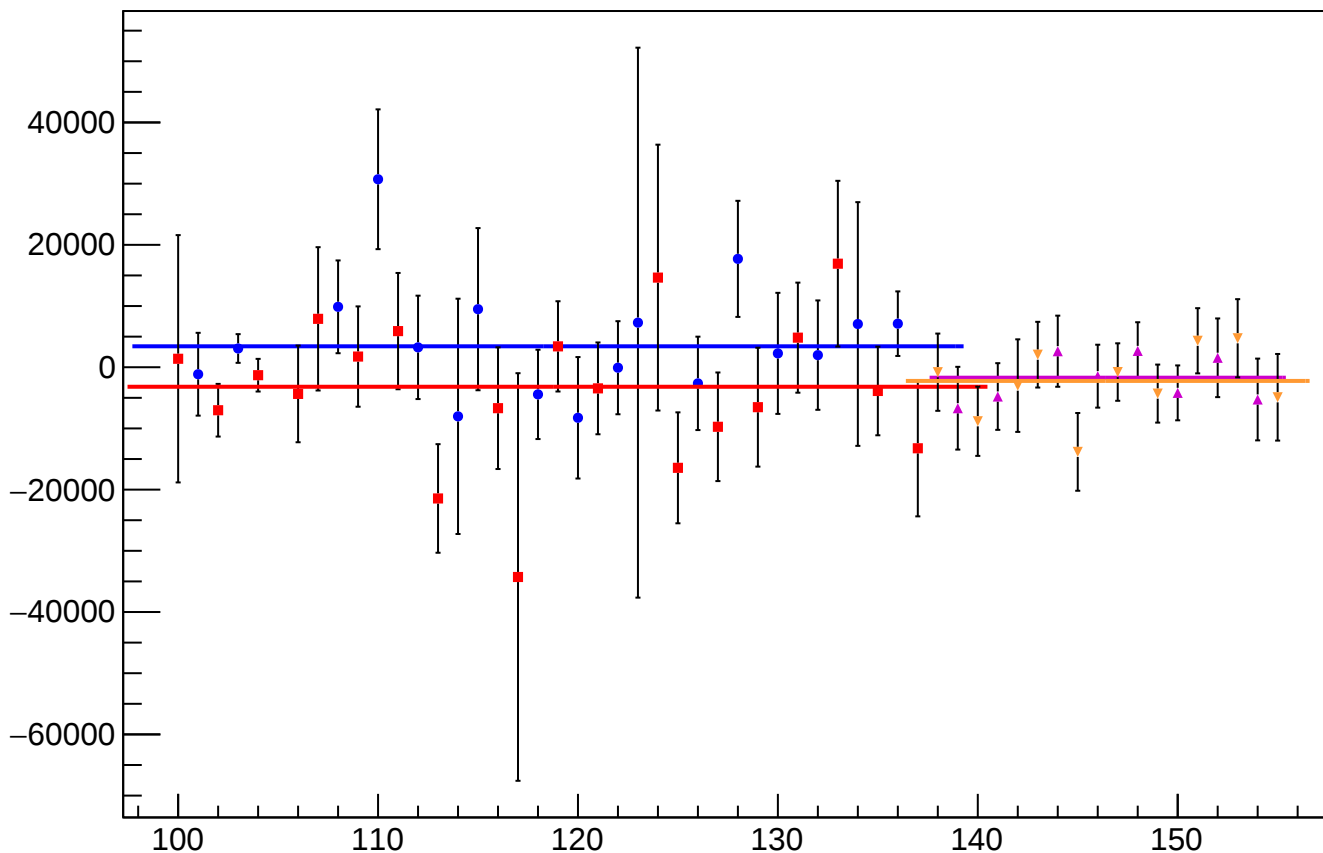
Right Out: 1763.378+/-0.666 χ^2/NDF : 6359993.8/19

Left In: 4543.126+/-1.270 χ^2/NDF : 327089.9/7

2495.381+/-0.599 χ^2/NDF : 10489562.2/26

2361.978+/-0.590 χ^2/NDF : 10444017.9/27

asym_atl1r2_avg_mean vs Slug



Right In: 3421.264+/-1606.678 χ^2/NDF : 13.7/16

Left Out: -2237.040+/-1817.119 χ^2/NDF : 8.5/9

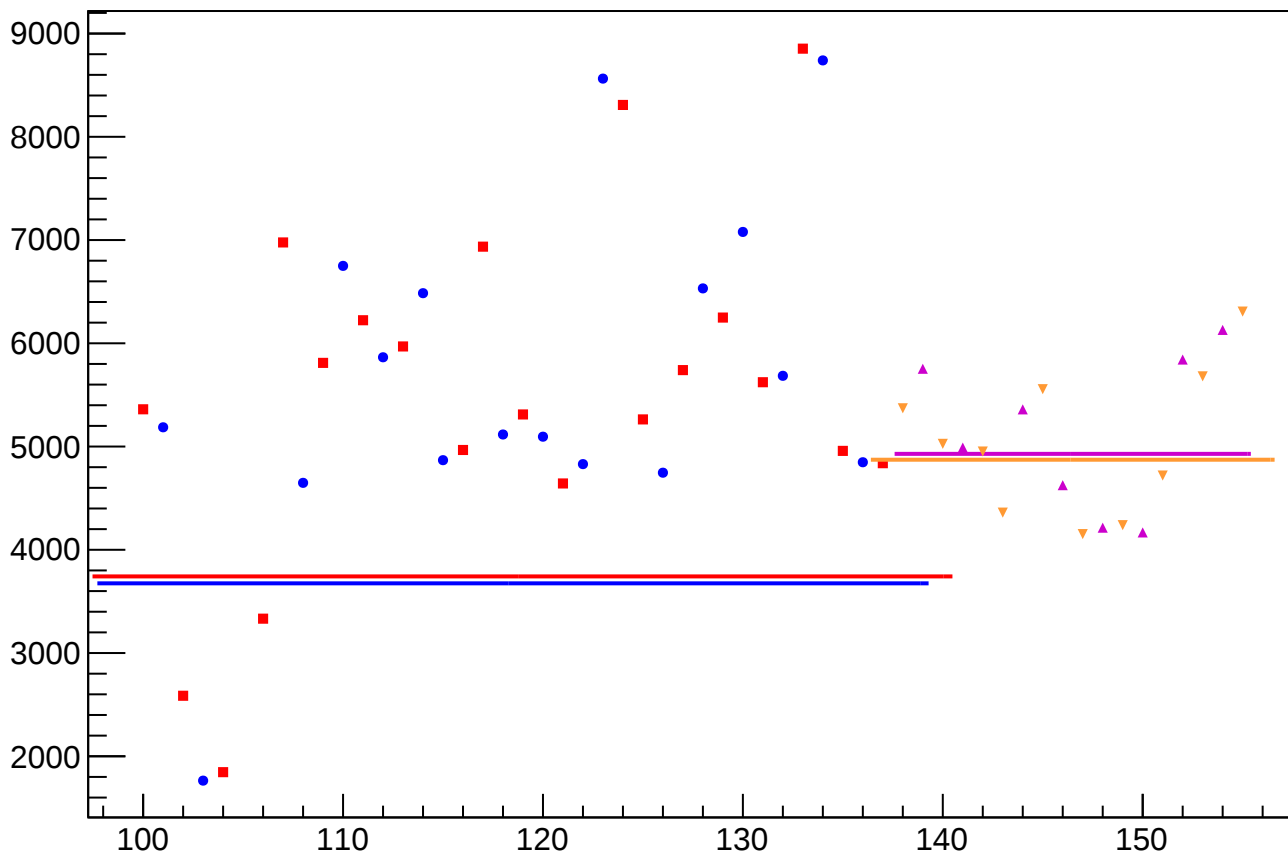
Right Out: -3190.143+/-1604.066 χ^2/NDF : 16.9/19

Left In: -1710.633+/-1943.309 χ^2/NDF : 3.1/7

938.586+/-1203.650 χ^2/NDF : 27.7/26

-2590.594+/-1237.072 χ^2/NDF : 20.4/27

asym_atl1r2_avg_rms vs Slug



Right In: 3675.003+/-1.136 χ^2/NDF : 2775085.7/16

Left Out: 4872.367+/-1.285 χ^2/NDF :254108.4/9

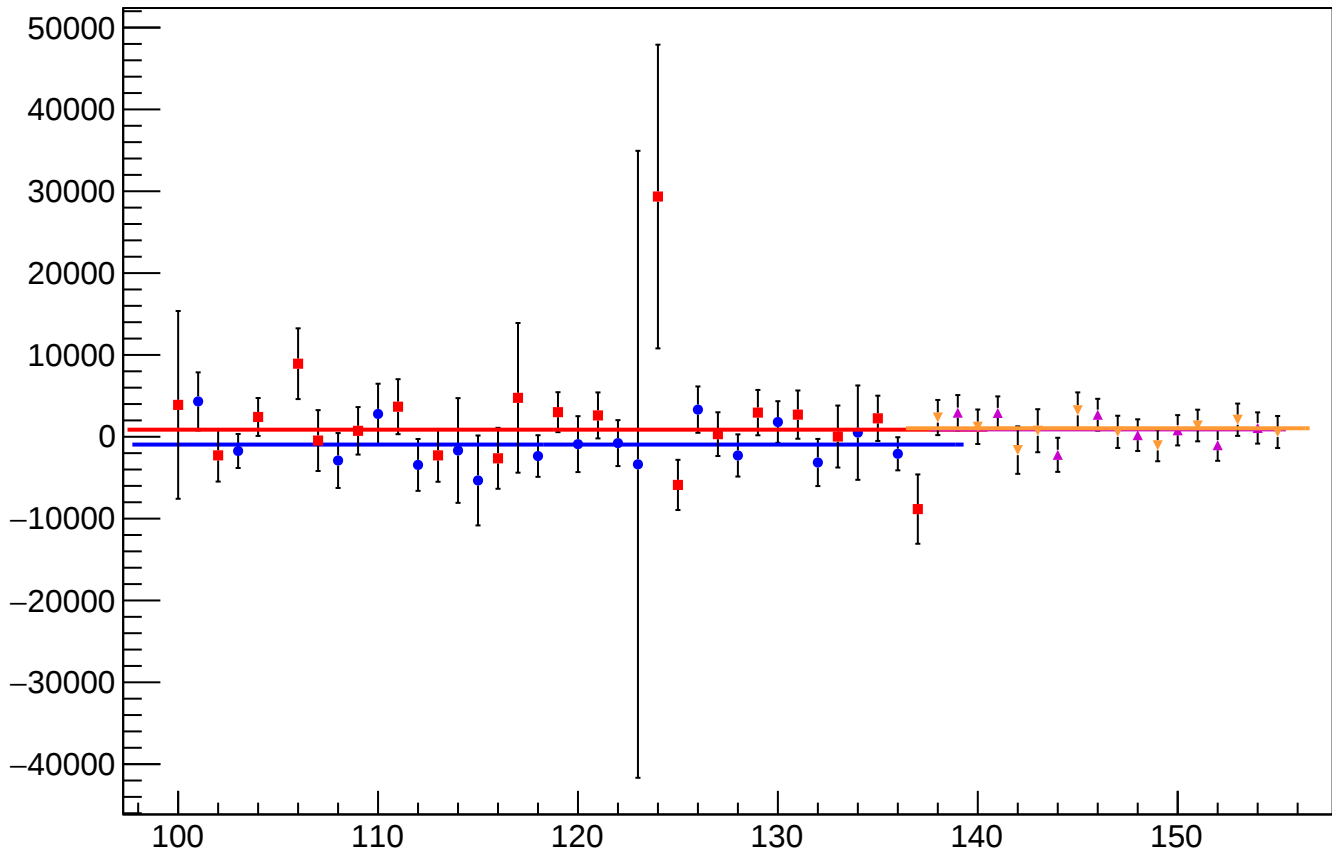
4200.367+/-0.851 χ^2/NDF : 3516564.2/26

Right Out: 3742.124+/-1.127 χ^2/NDF : 2712365.3/19

4219.342+/-0.871 χ^2/NDF : 3415516.2/27

Left In: 4929.131+/-1.374 χ^2/NDF :256951.6/7

reg_asym_atl1r2_dd_mean vs Slug



Right In: -951.377 ± 740.668 χ^2/NDF : 10.0/16

Left Out: 1038.941 ± 670.808 χ^2/NDF : 3.8/9

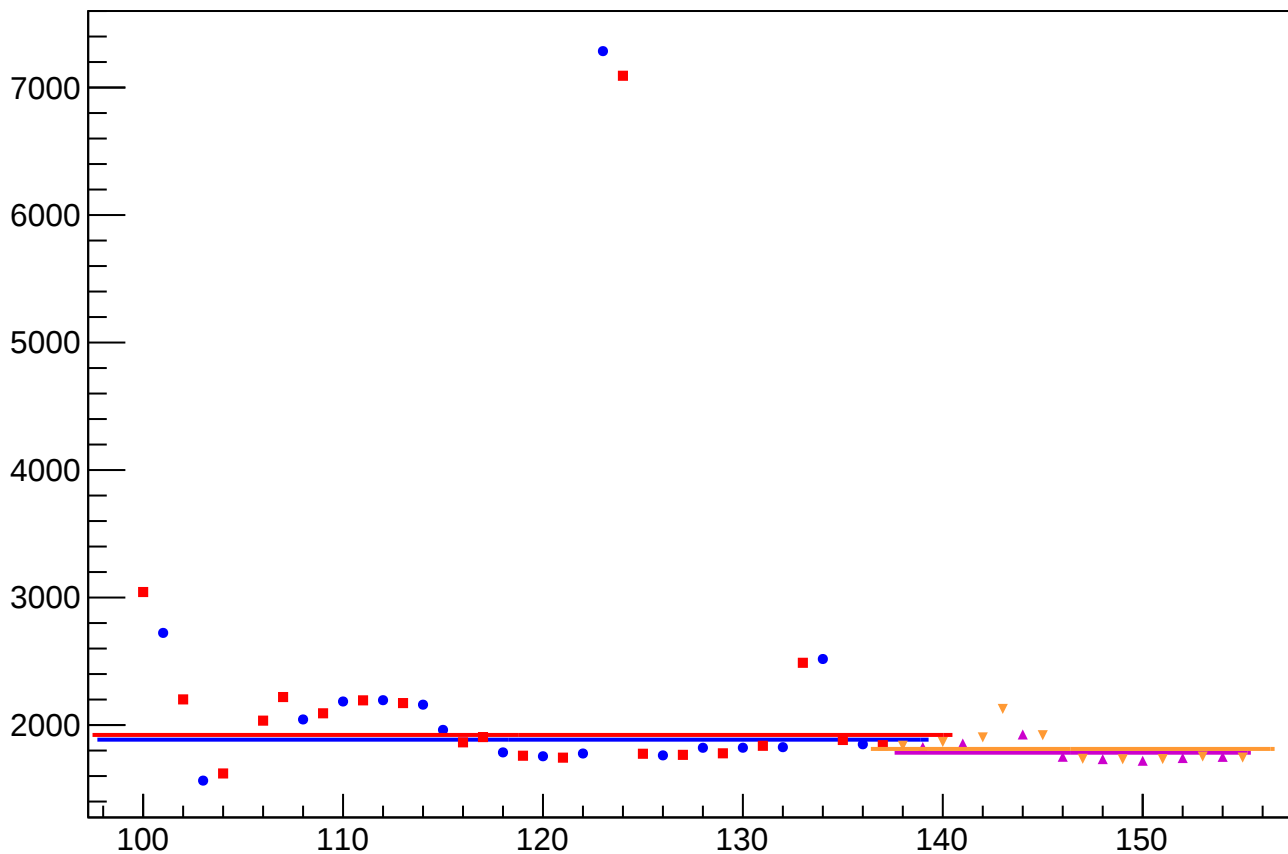
Right Out: 868.810 ± 735.140 χ^2/NDF : 22.7/19

Left In: 900.881 ± 696.104 χ^2/NDF : 6.1/7

142.050 ± 497.201 χ^2/NDF : 17.7/26

885.720 ± 505.457 χ^2/NDF : 28.8/27

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1885.360+/-0.524 χ^2/NDF : 280429.0/16

Left Out: 1812.755+/-0.474 χ^2/NDF : 51038.6/9

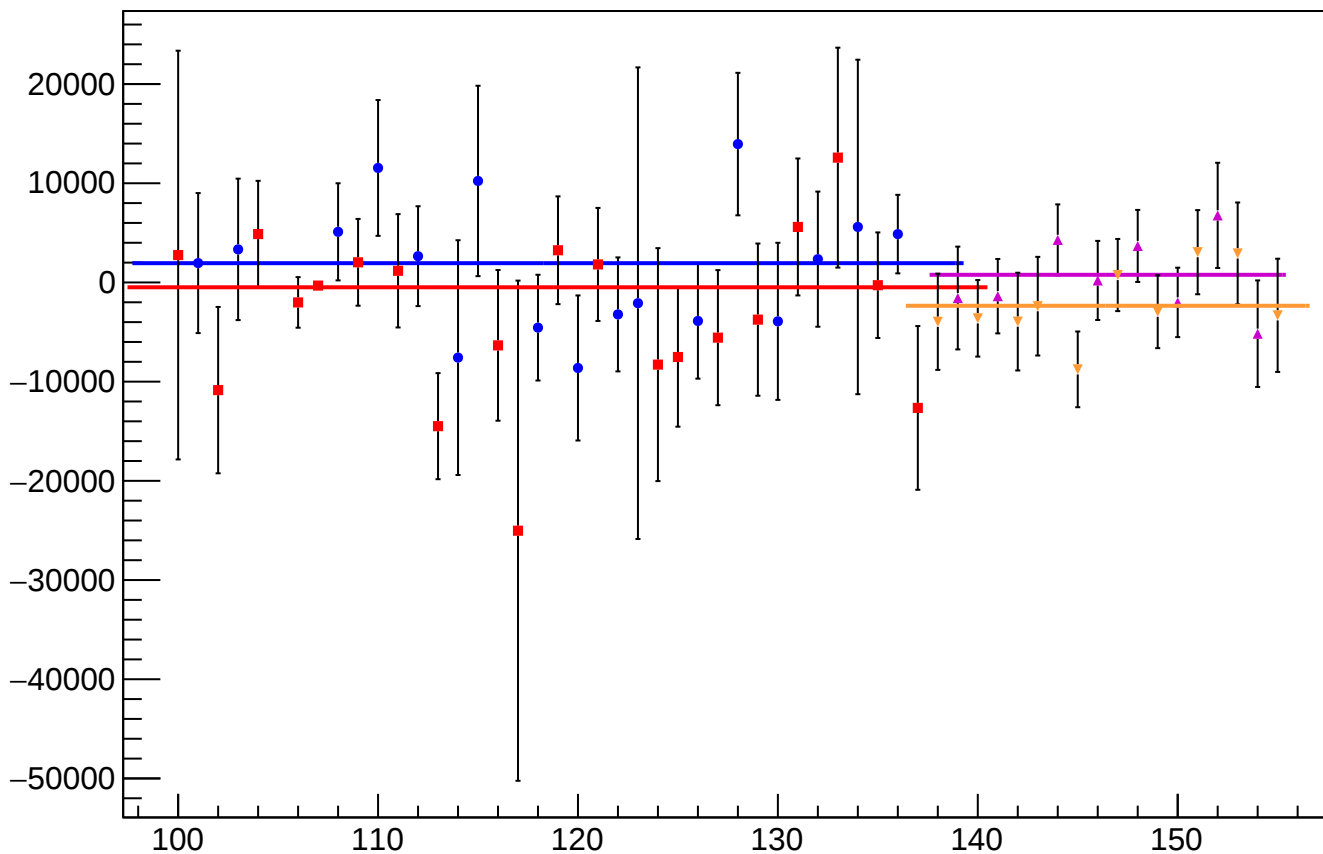
Right Out: 1922.430+/-0.519 χ^2/NDF : 351518.8/19

Left In: 1783.056+/-0.492 χ^2/NDF : 18556.4/7

1845.473+/-0.352 χ^2/NDF : 342025.6/26

1849.052+/-0.357 χ^2/NDF : 408039.9/27

asym_atl1r2_dd_correction_mean vs Slug



Right In: 1943.178 ± 1581.060 χ^2/NDF : 13.2/16

Left Out: -2351.786 ± 1368.547 χ^2/NDF : 6.6/9

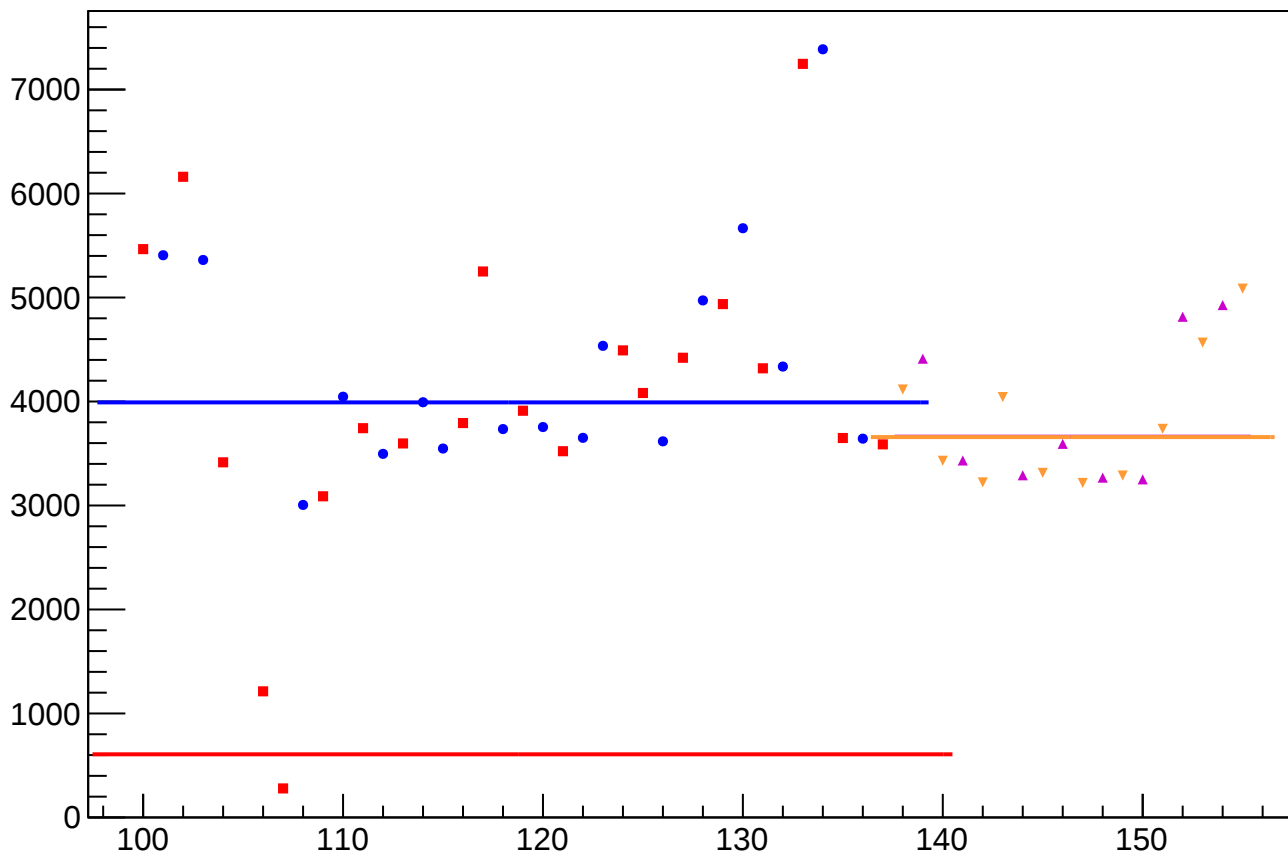
Right Out: -486.774 ± 453.611 χ^2/NDF : 19.0/19

Left In: 770.297 ± 1447.840 χ^2/NDF : 5.3/7

-512.149 ± 1034.748 χ^2/NDF : 24.0/26

-374.412 ± 432.864 χ^2/NDF : 25.0/27

asym_atl1r2_dd_correction_rms vs Slug



Right In: 3991.416+/-1.118 χ^2/NDF : 510782.7/16

Left Out: 3657.930+/-0.968 χ^2/NDF : 306837.4/9

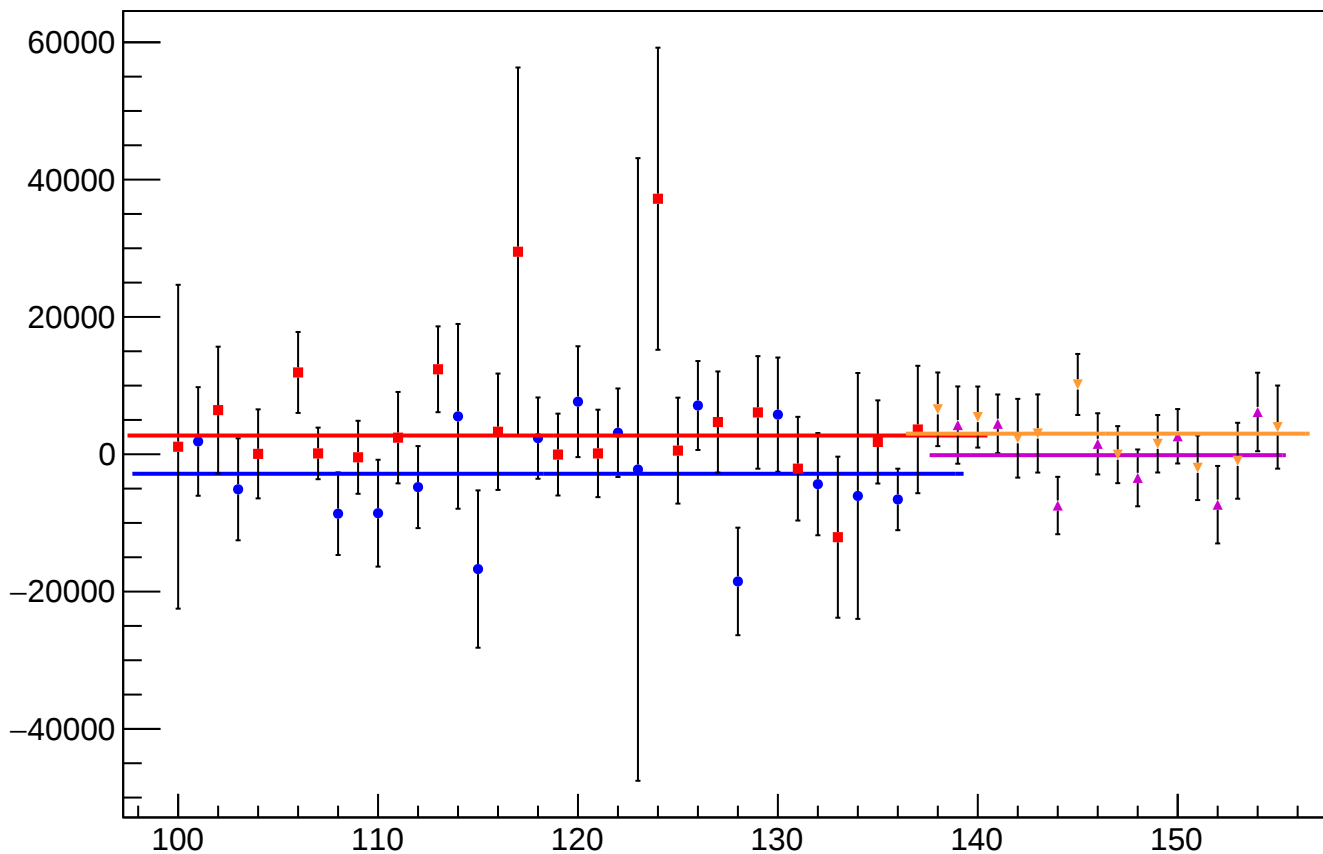
Right Out: 607.234+/-0.321 χ^2/NDF : 10314440.1/19

Left In: 3661.542+/-1.024 χ^2/NDF : 328186.3/7

3800.770+/-0.732 χ^2/NDF : 868487.6/26

880.242+/-0.306 χ^2/NDF : 18747560.7/27

asym_atl1r2_dd_mean vs Slug



Right In: -2839.599 $\pm$ 1786.019 χ^2 /NDF: 15.4/16

Left Out: 3001.927 $\pm$ 1547.644 χ^2 /NDF: 5.7/9

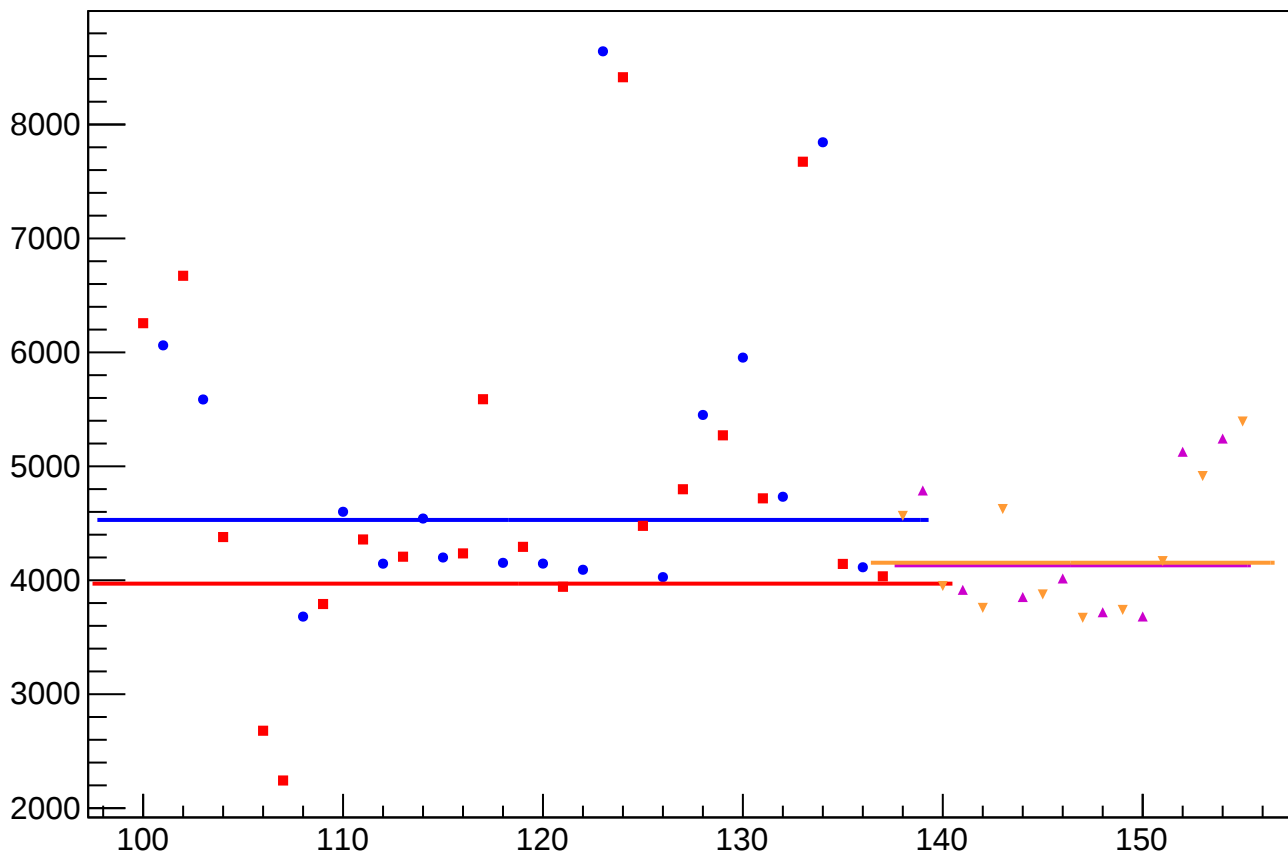
Right Out: 2729.311 $\pm$ 1572.398 χ^2 /NDF: 12.2/19

Left In: -131.492 $\pm$ 1626.319 χ^2 /NDF: 8.9/7

496.740 $\pm$ 1169.615 χ^2 /NDF: 27.2/26

1347.121 $\pm$ 1130.435 χ^2 /NDF: 22.7/27

asym_atl1r2_dd_rms vs Slug



Right In: 4529.462 ± 1.263 χ^2/NDF : 389326.2/16

Left Out: 4153.940 ± 1.094 χ^2/NDF : 215513.0/9

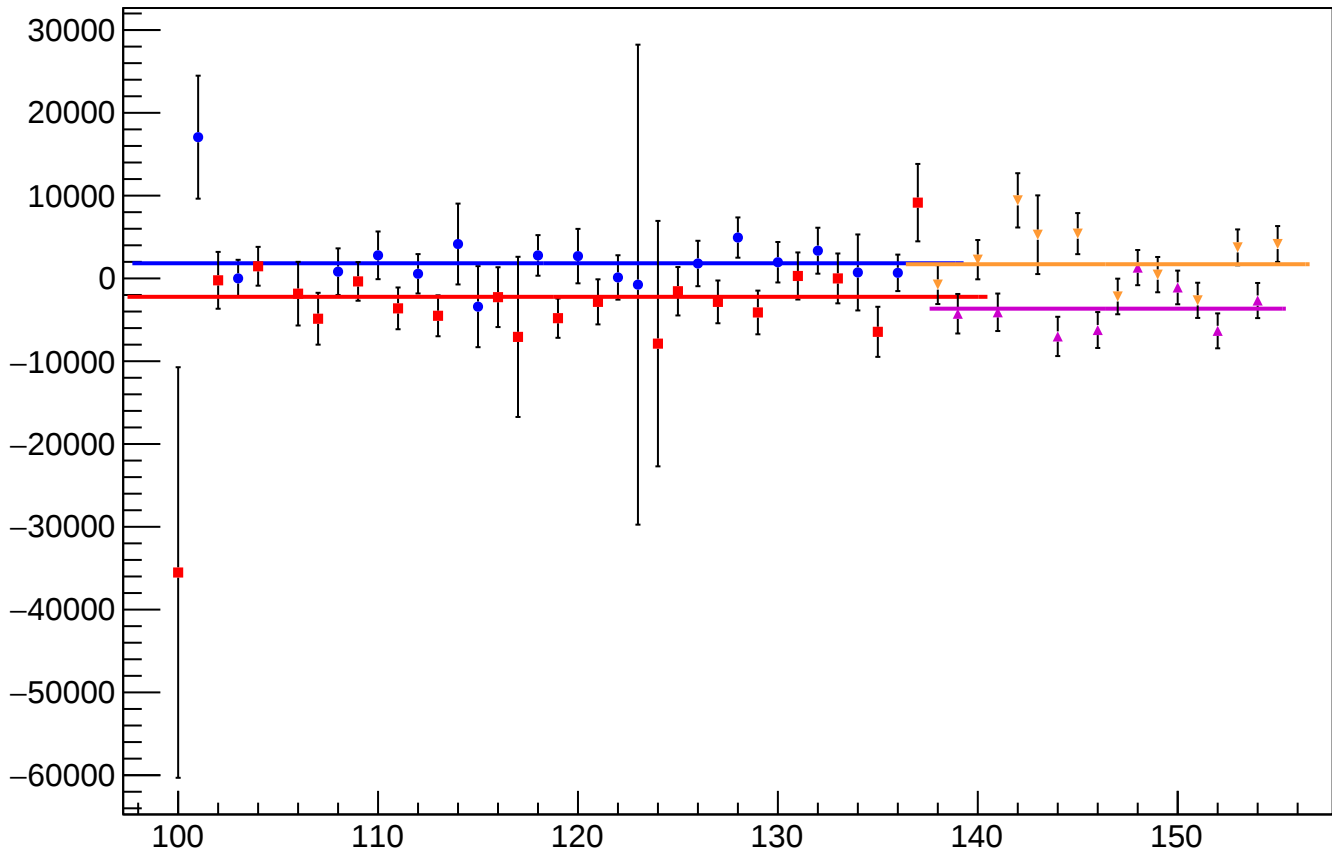
Right Out: 3970.336 ± 1.105 χ^2/NDF : 1147711.9/19

Left In: 4131.129 ± 1.150 χ^2/NDF : 226186.8/7

4314.986 ± 0.827 χ^2/NDF : 655336.7/26

4047.510 ± 0.797 χ^2/NDF : 1384065.8/27

reg_asym_atr12_avg_mean vs Slug



Right In: 1830.102+/-711.335 χ^2/NDF : 9.7/16

Left Out: 1714.567+/-757.743 χ^2/NDF : 19.5/9

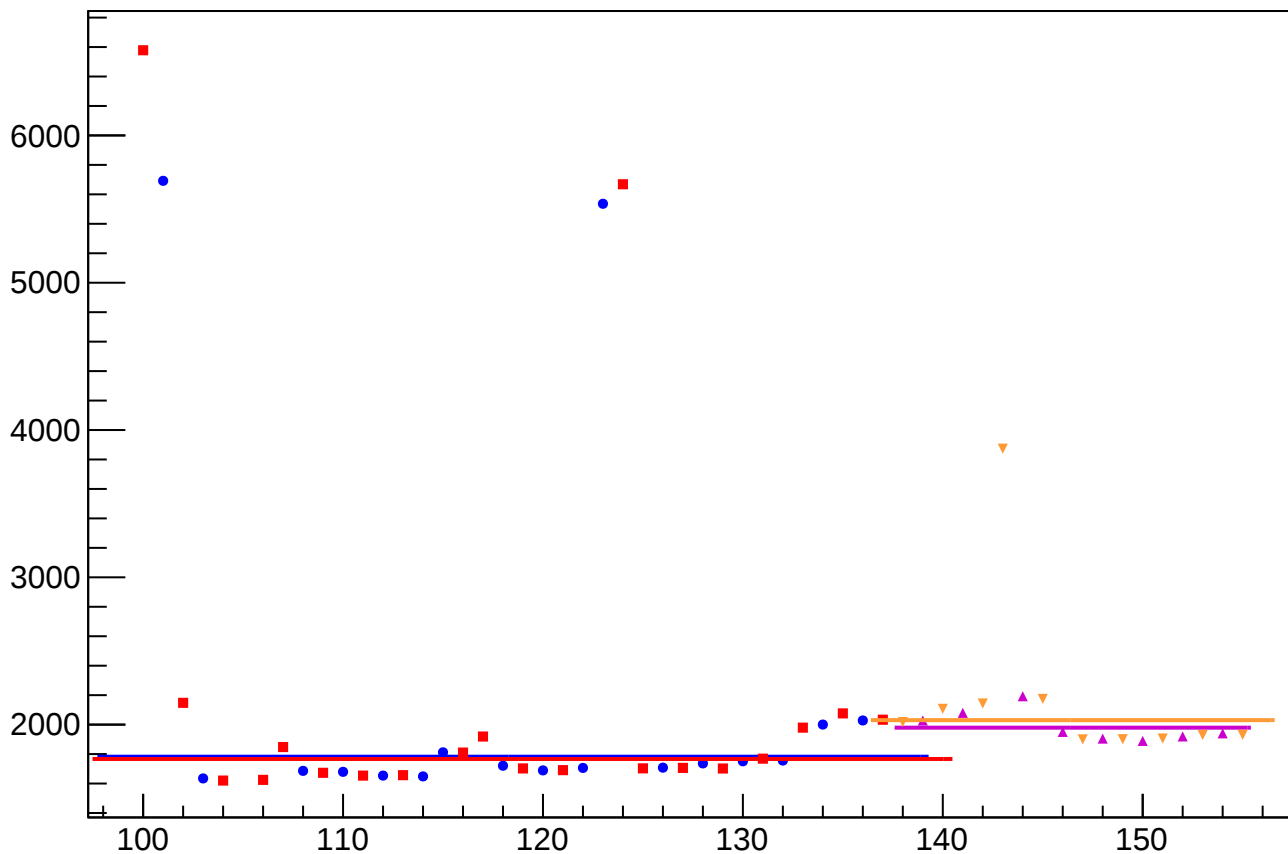
Right Out: -2222.274+/-682.500 χ^2/NDF : 18.6/19

Left In: -3653.922+/-773.334 χ^2/NDF : 12.4/7

1775.981+/-518.620 χ^2/NDF : 29.1/26

-2849.119+/-511.716 χ^2/NDF : 32.9/27

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1782.137+/-0.503 χ^2/NDF : 645188.8/16

Left Out: 2030.284+/-0.536 χ^2/NDF : 342185.6/9

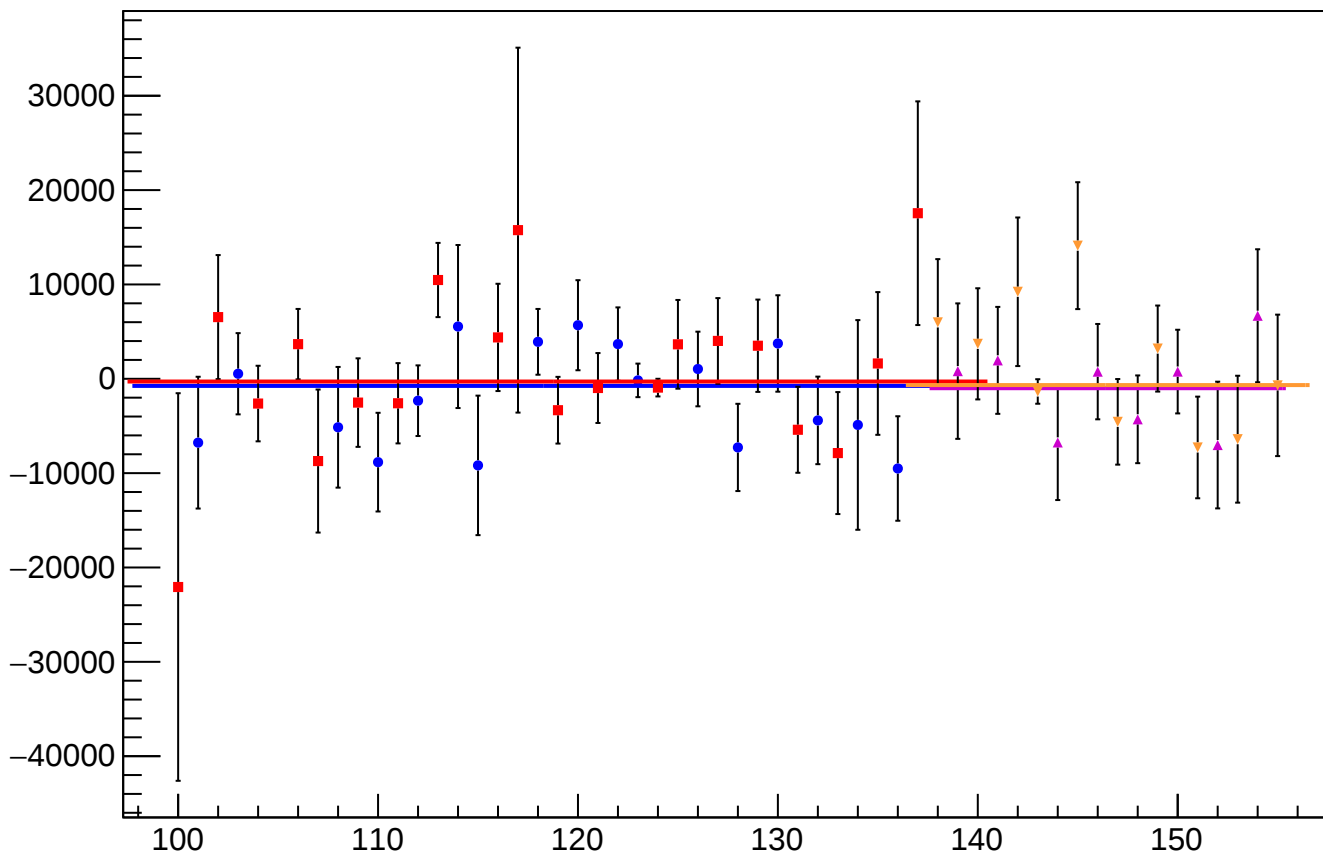
Right Out: 1766.719+/-0.479 χ^2/NDF : 307297.1/19

Left In: 1979.202+/-0.547 χ^2/NDF : 29905.7/7

1898.379+/-0.367 χ^2/NDF : 1101387.6/26

1859.040+/-0.360 χ^2/NDF : 422588.8/27

asym_atr1l2_avg_correction_mean vs Slug



Right In: -753.428 ± 1008.523 χ^2/NDF : 16.9/16

Left Out: -666.070 ± 1082.732 χ^2/NDF : 11.9/9

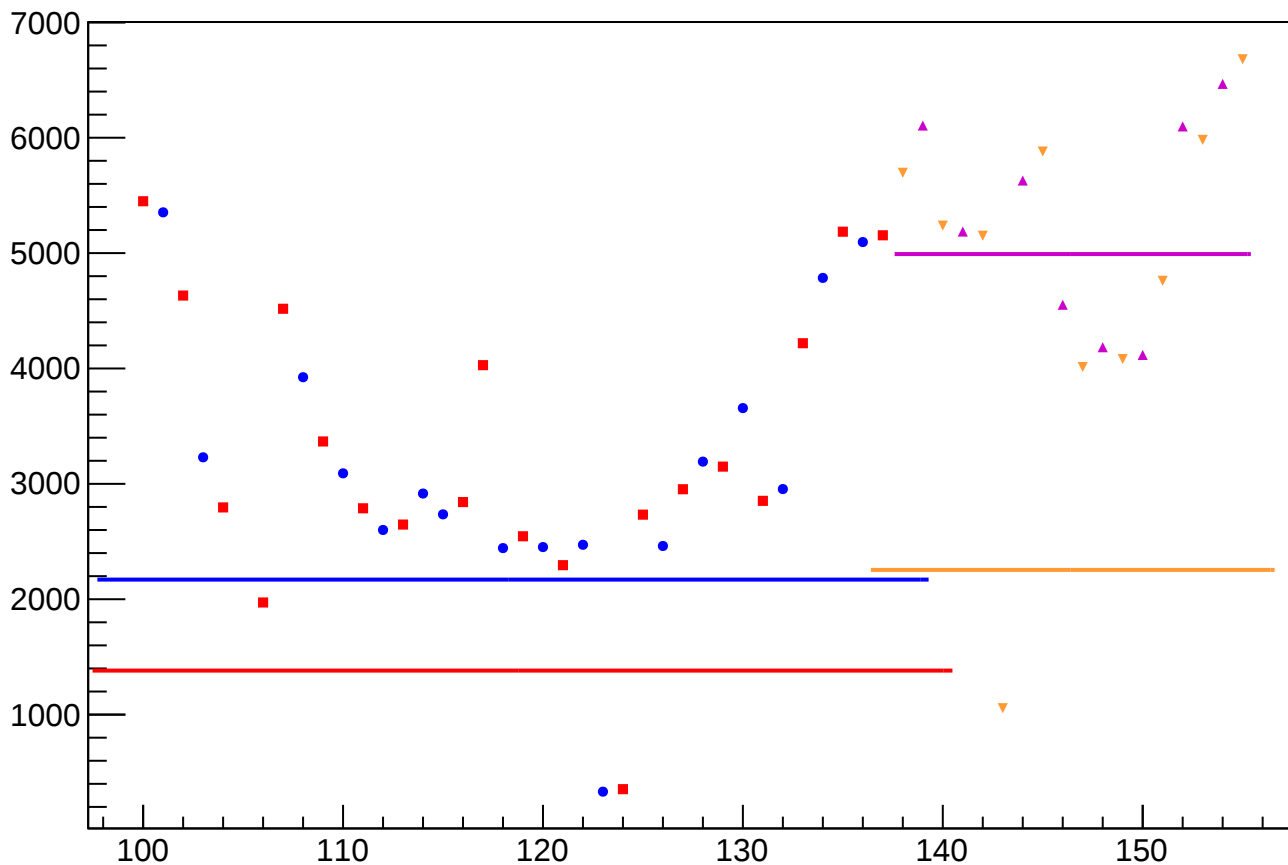
Right Out: -288.847 ± 724.622 χ^2/NDF : 22.7/19

Left In: -998.013 ± 1976.691 χ^2/NDF : 4.0/7

-712.845 ± 737.975 χ^2/NDF : 28.9/26

-372.857 ± 680.349 χ^2/NDF : 26.8/27

asym_atr1l2_avg_correction_rms vs Slug



Right In: 2170.242+/-0.713 χ^2/NDF : 3973725.5/16

Left Out: 2254.170+/-0.766 χ^2/NDF : 5961572.7/9

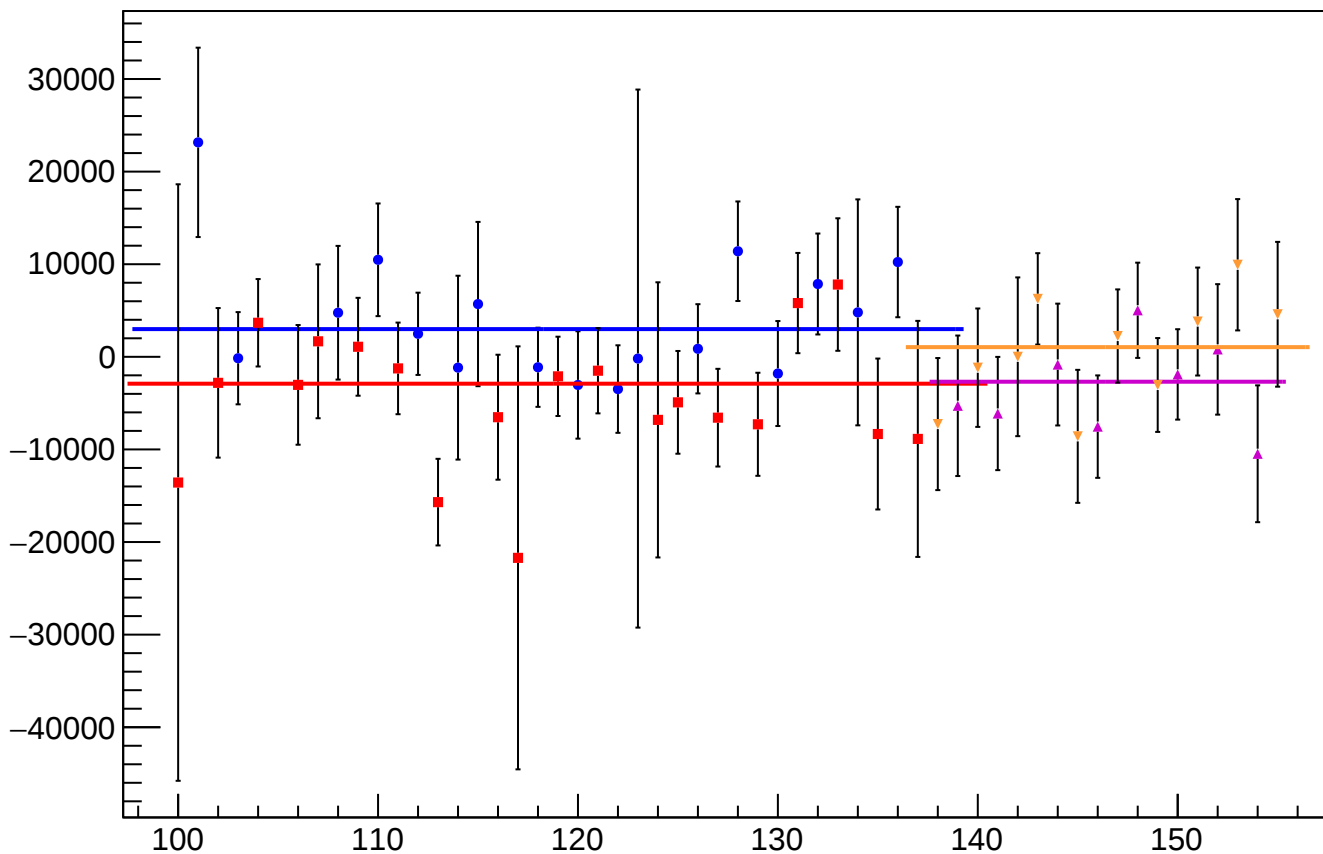
2209.232+/-0.522 χ^2/NDF : 9941732.8/26

Right Out: 1381.438+/-0.512 χ^2/NDF : 6884822.3/19

1809.123+/-0.481 χ^2/NDF : 13133395.1/27

Left In: 4991.690+/-1.398 χ^2/NDF : 367353.4/7

asym_atr1l2_avg_mean vs Slug



Right In: 2992.806 $\pm$ 1447.211 χ^2 /NDF: 15.7/16

Left Out: 1045.613 $\pm$ 1952.589 χ^2 /NDF: 7.1/9

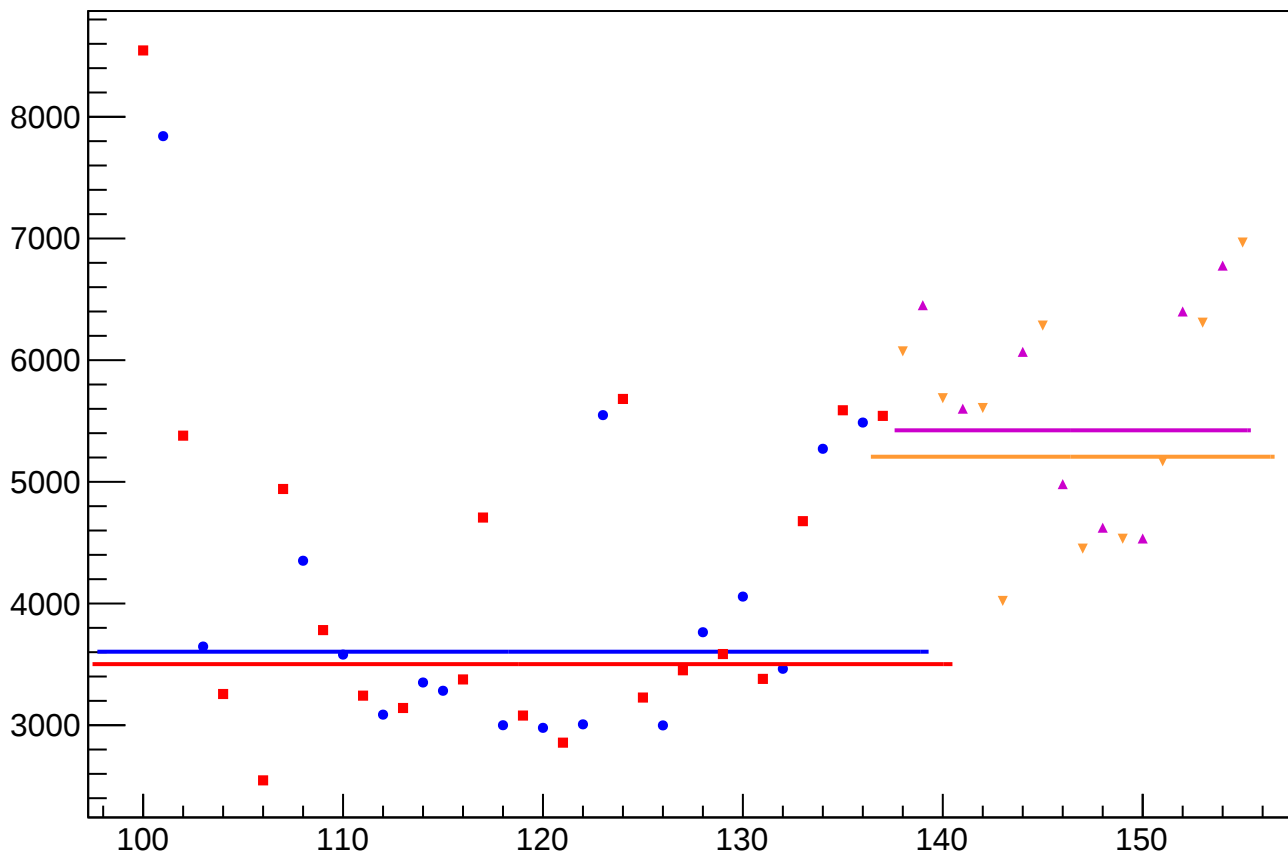
Right Out: -2901.985 $\pm$ 1376.603 χ^2 /NDF: 18.4/19

Left In: -2689.144 $\pm$ 2140.804 χ^2 /NDF: 4.9/7

2302.401 $\pm$ 1162.675 χ^2 /NDF: 23.5/26

-2839.722 $\pm$ 1157.877 χ^2 /NDF: 23.3/27

asym_atr1l2_avg_rms vs Slug



Right In: 3603.930 ± 1.023 χ^2/NDF : 784674.5/16

Left Out: 5206.511 ± 1.381 χ^2/NDF : 435779.2/9

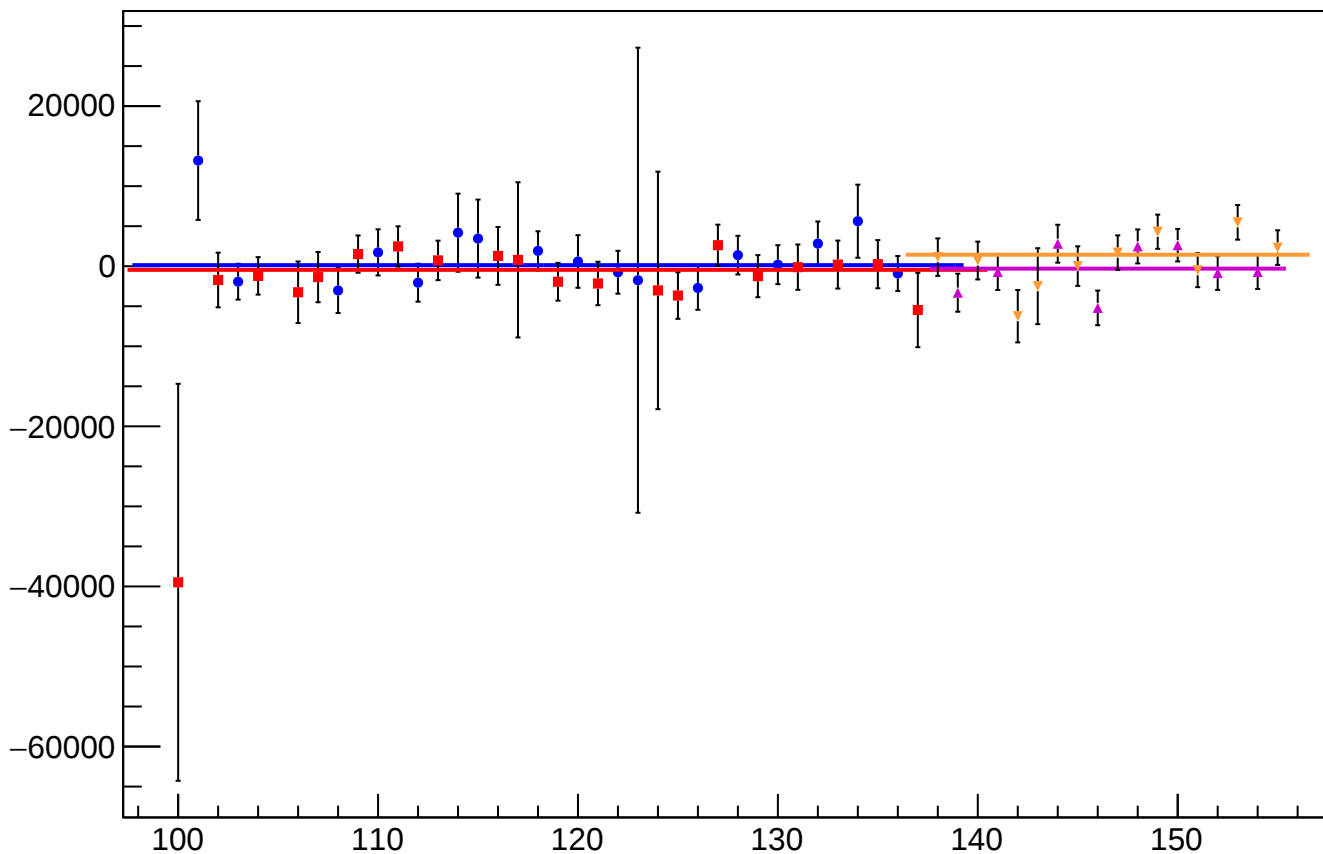
Right Out: 3501.857 ± 0.960 χ^2/NDF : 667483.1/19

Left In: 5423.506 ± 1.514 χ^2/NDF : 290871.9/7

4172.143 ± 0.822 χ^2/NDF : 2090021.3/26

4052.971 ± 0.811 χ^2/NDF : 2107673.5/27

reg_asym_atr1l2_dd_mean vs Slug



Right In: 130.913 ± 709.207 χ^2/NDF : 12.2/16

Left Out: 1437.068 ± 756.322 χ^2/NDF : 13.0/9

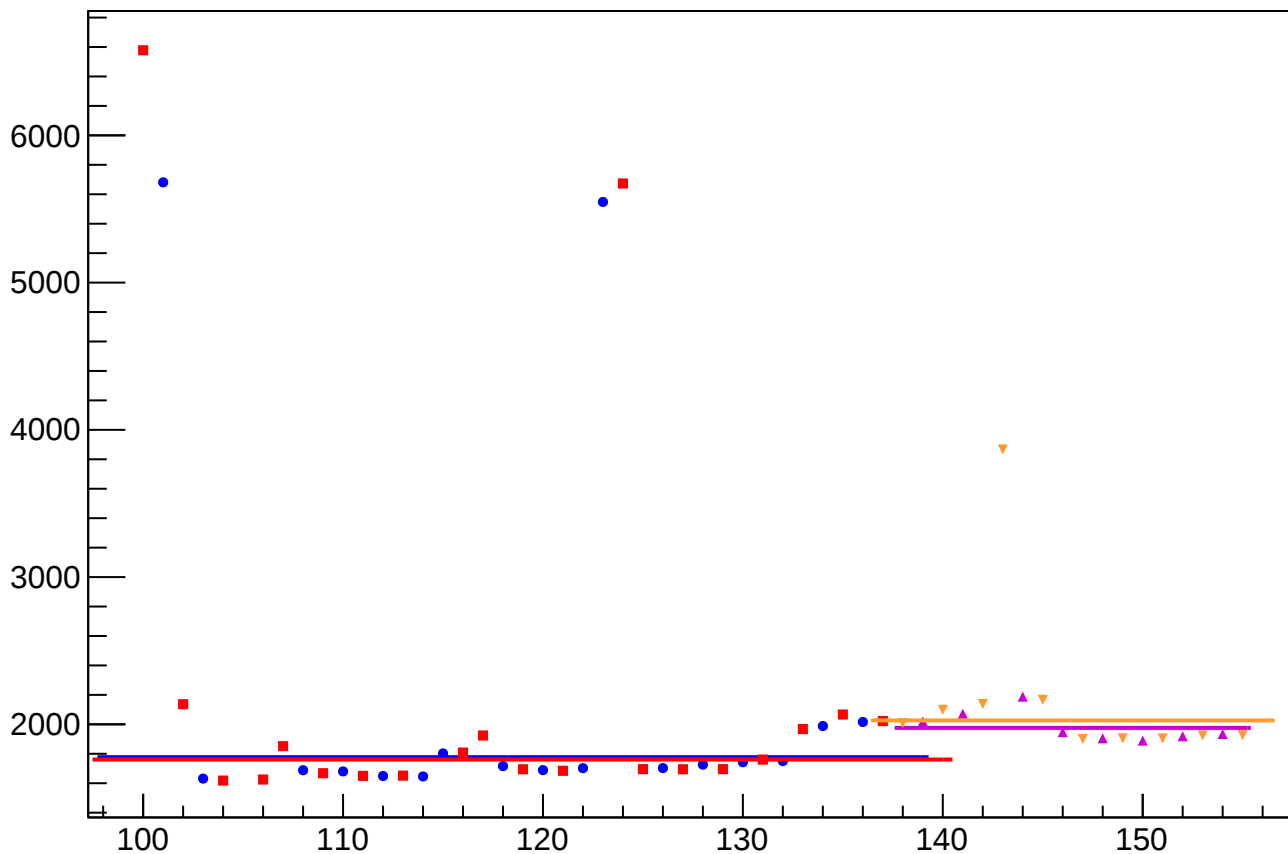
Right Out: -452.872 ± 680.160 χ^2/NDF : 10.7/19

Left In: -301.701 ± 771.956 χ^2/NDF : 12.4/7

742.043 ± 517.340 χ^2/NDF : 26.7/26

-386.805 ± 510.330 χ^2/NDF : 23.1/27

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1776.879+/-0.501 χ^2/NDF : 643576.8/16

Left Out: 2026.614+/-0.535 χ^2/NDF : 340147.2/9

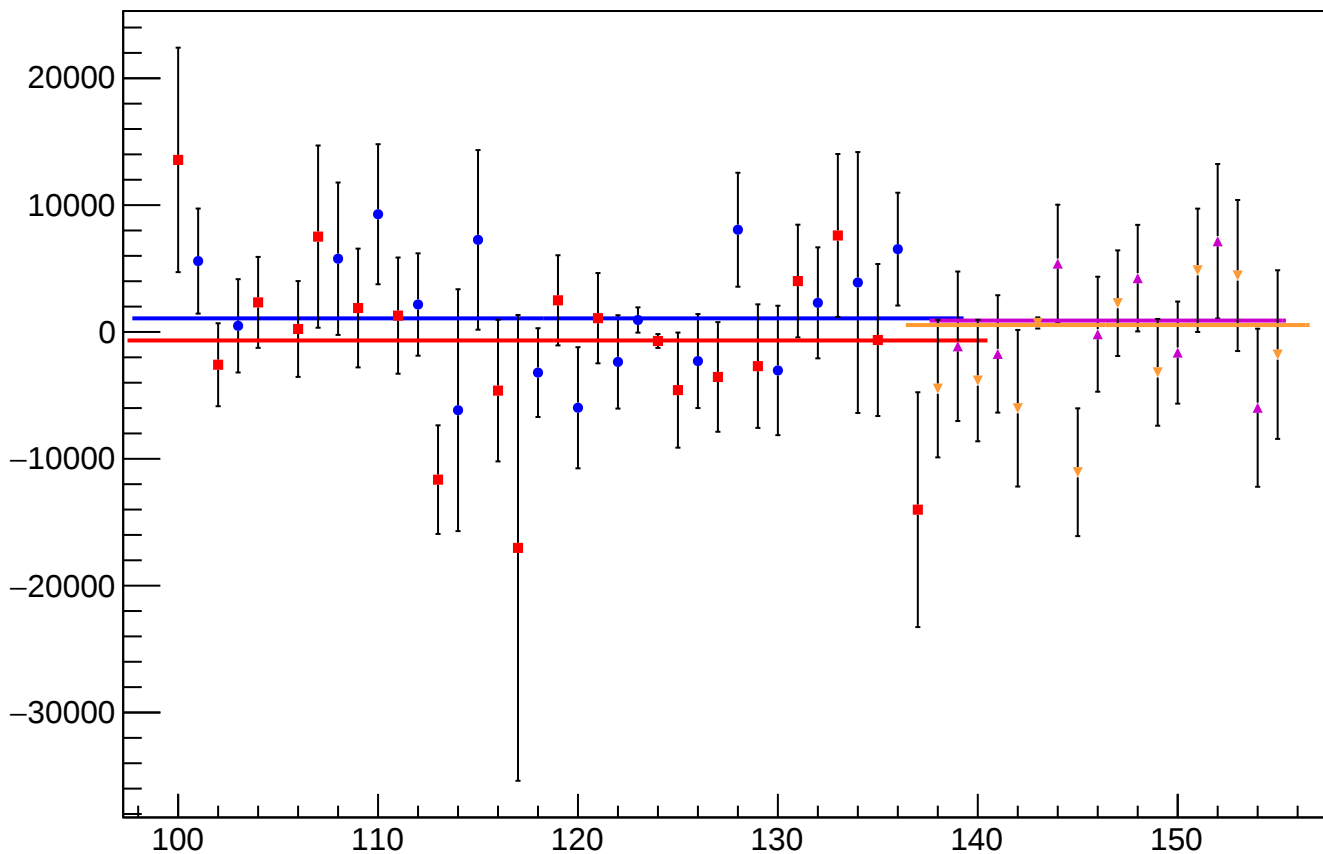
Right Out: 1760.787+/-0.478 χ^2/NDF : 306724.5/19

Left In: 1975.799+/-0.546 χ^2/NDF : 28790.6/7

1893.726+/-0.366 χ^2/NDF : 1099757.2/26

1854.037+/-0.359 χ^2/NDF : 423380.9/27

asym_atr1l2_dd_correction_mean vs Slug



Right In: 1072.194 ± 752.280 χ^2/NDF : 15.6/16

Left Out: 545.857 ± 424.792 χ^2/NDF : 10.6/9

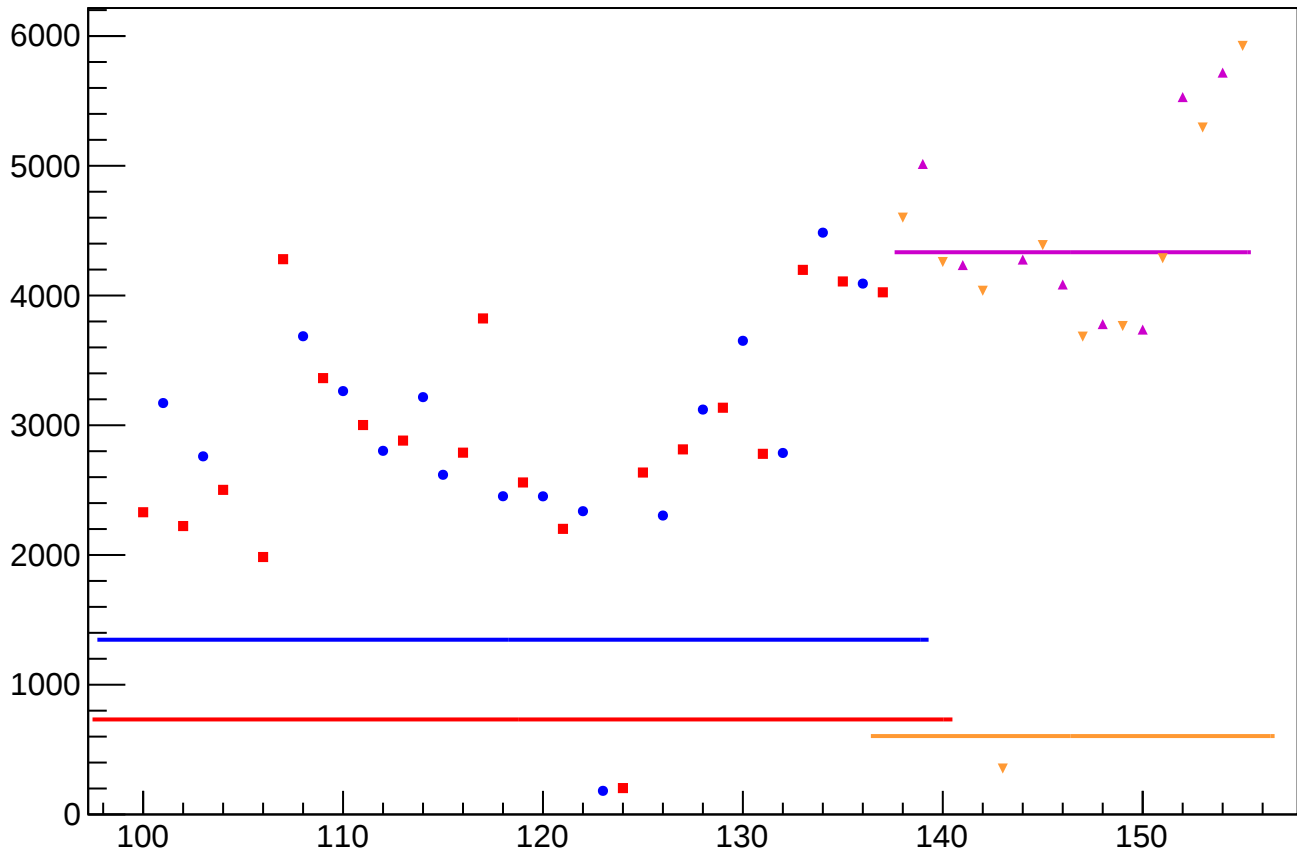
Right Out: -670.313 ± 487.861 χ^2/NDF : 20.6/19

Left In: 899.054 ± 1710.731 χ^2/NDF : 4.7/7

673.108 ± 369.894 χ^2/NDF : 26.5/26

-552.281 ± 469.157 χ^2/NDF : 26.1/27

asym_atr1l2_dd_correction_rms vs Slug



Right In: 1346.836+/-0.532 χ^2/NDF : 6839112.6/16

Left Out: 604.251+/-0.300 χ^2/NDF : 10542525.7/9

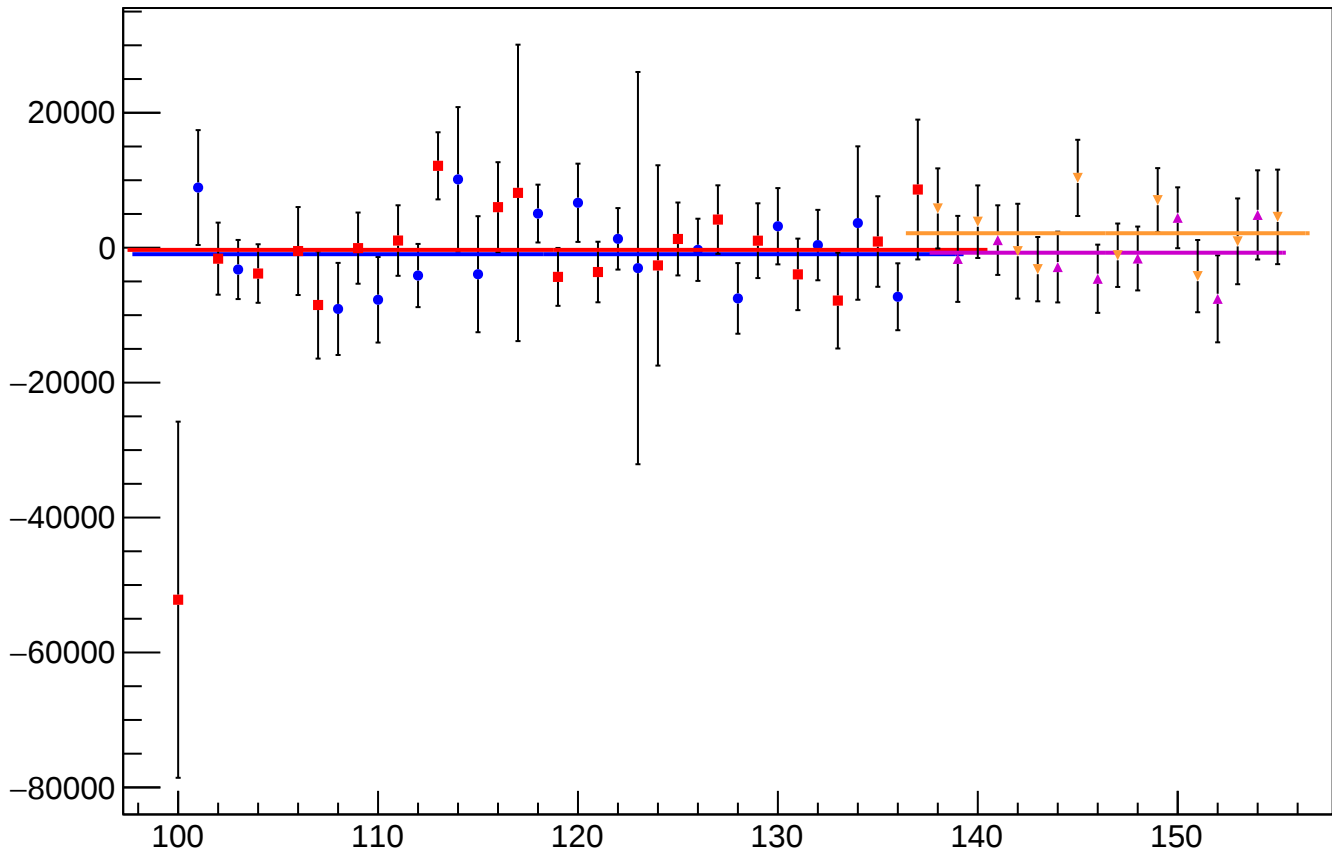
783.783+/-0.262 χ^2/NDF : 18859269.7/26

Right Out: 732.303+/-0.345 χ^2/NDF : 9559853.6/19

1003.159+/-0.332 χ^2/NDF : 18044986.2/27

Left In: 4333.647+/-1.210 χ^2/NDF : 288434.5/7

asym_atr1l2_dd_mean vs Slug



Right In: -964.151+/-1395.626 χ^2/NDF : 13.7/16

Left Out: 2144.204+/-1745.787 χ^2/NDF : 7.1/9

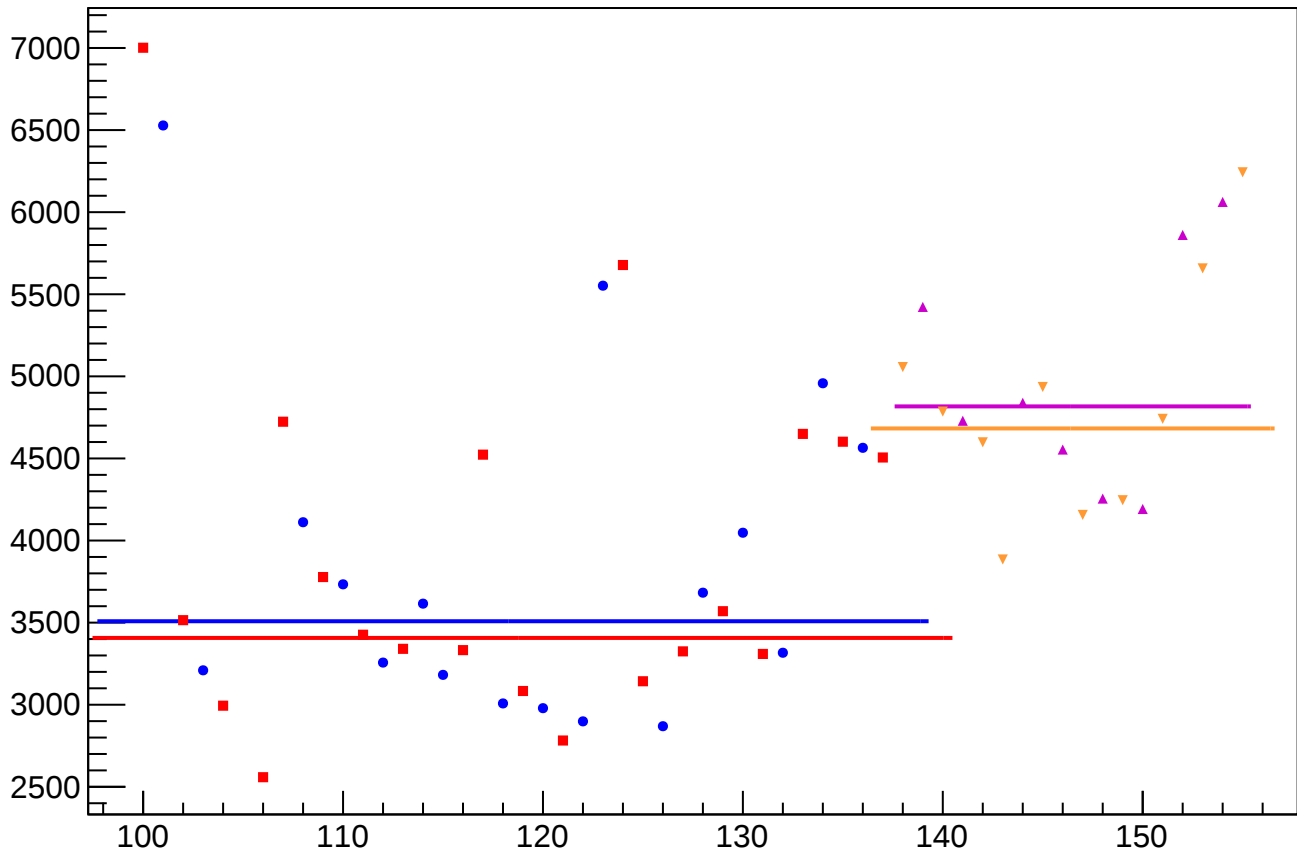
Right Out: -323.694+/-1327.331 χ^2/NDF : 17.8/19

Left In: -744.226+/-1895.486 χ^2/NDF : 4.1/7

247.801+/-1090.106 χ^2/NDF : 22.8/26

-462.058+/-1087.260 χ^2/NDF : 21.9/27

asym_atr1l2_dd_rms vs Slug



Right In: 3508.483 ± 0.987 χ^2/NDF : 562197.7/16

Left Out: 4682.674 ± 1.234 χ^2/NDF : 257510.9/9

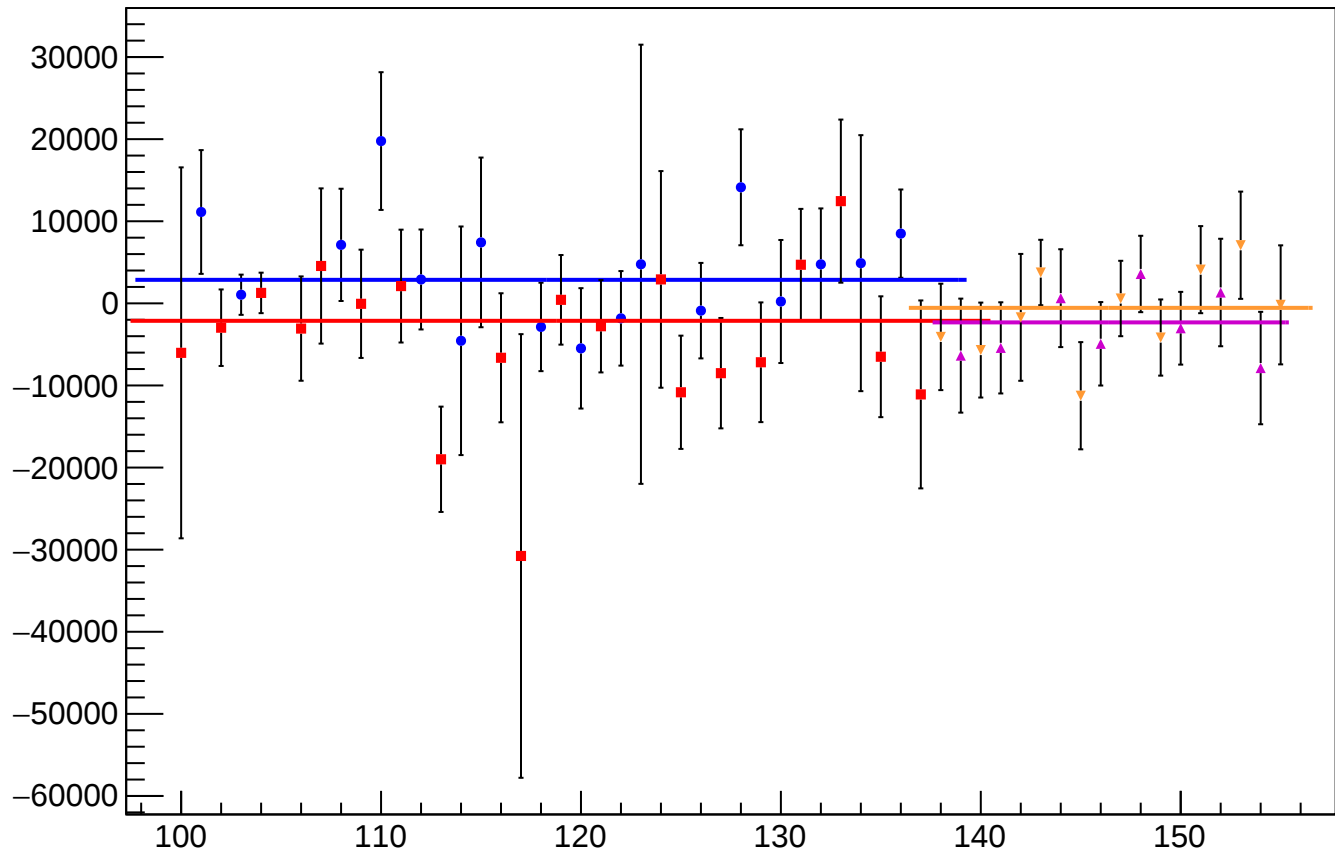
Right Out: 3406.868 ± 0.926 χ^2/NDF : 433737.9/19

Left In: 4817.036 ± 1.340 χ^2/NDF : 214016.1/7

3966.299 ± 0.771 χ^2/NDF : 1371692.8/26

3862.798 ± 0.762 χ^2/NDF : 1396813.5/27

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: -548.043 $\pm$ 1743.885 χ^2 /NDF: 7.8/9

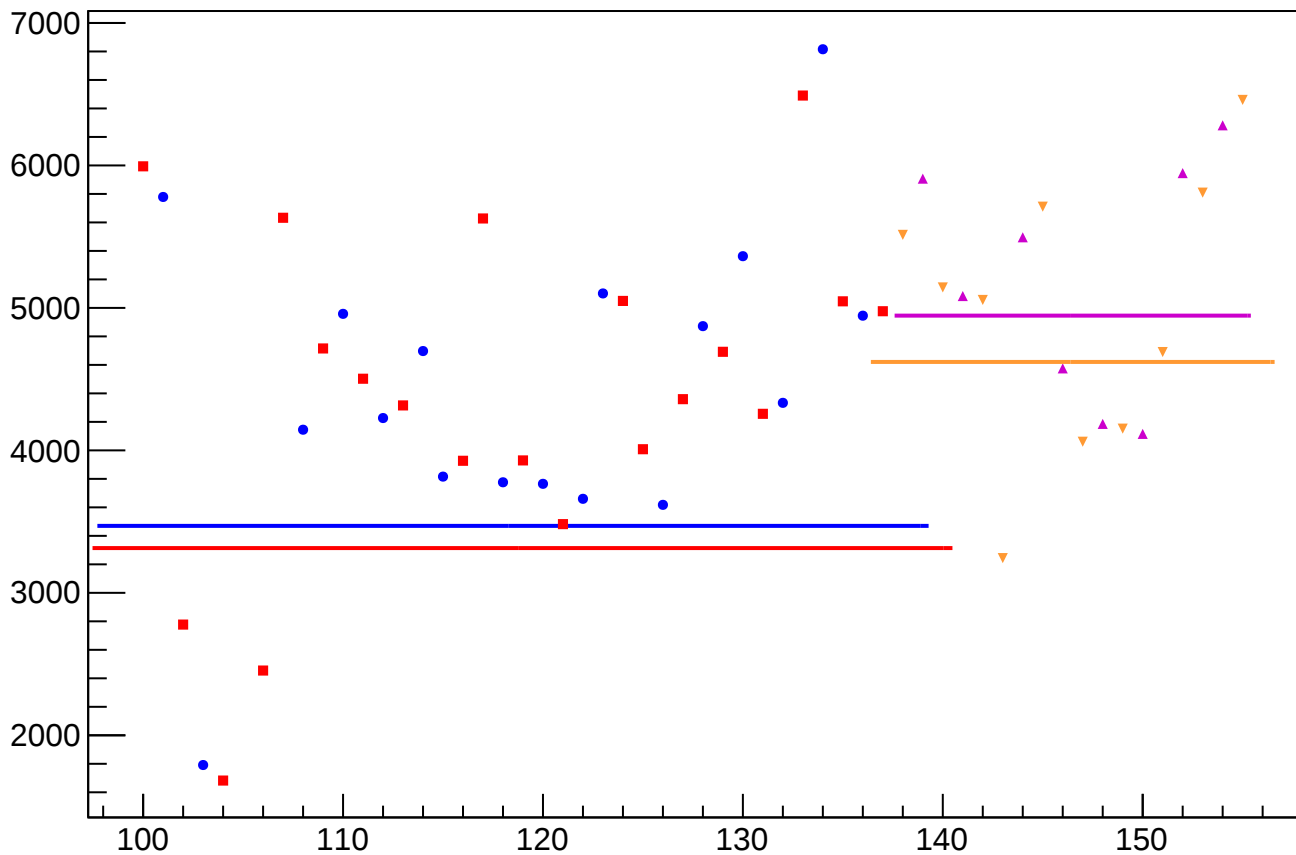
Right Out: -2126.105 $\pm$ 1379.774 χ^2 /NDF: 18.8/19

Left In: -2318.753 $\pm$ 1954.108 χ^2 /NDF: 3.8/7

1466.735 $\pm$ 1116.145 χ^2 /NDF: 24.1/26

-2190.198 $\pm$ 1127.121 χ^2 /NDF: 22.6/27

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: 4620.761 $\pm$ 1.233 χ^2 /NDF: 600586.0/9

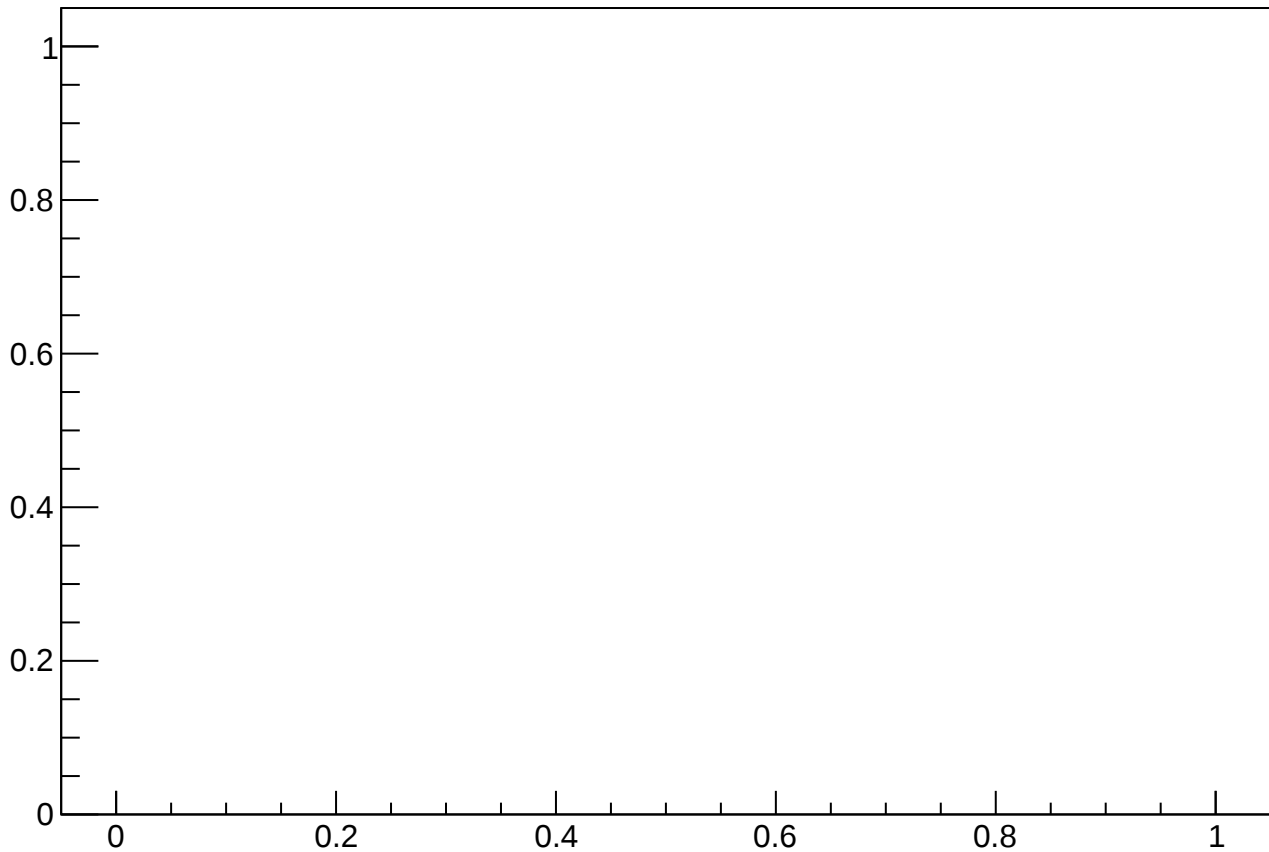
Right Out: 3314.183 $\pm$ 0.967 χ^2 /NDF: 1925484.9/19

Left In: 4945.813 $\pm$ 1.382 χ^2 /NDF: 313626.4/7

3941.412 $\pm$ 0.789 χ^2 /NDF: 2875556.5/26

3850.403 $\pm$ 0.792 χ^2 /NDF: 3175229.9/27

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

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

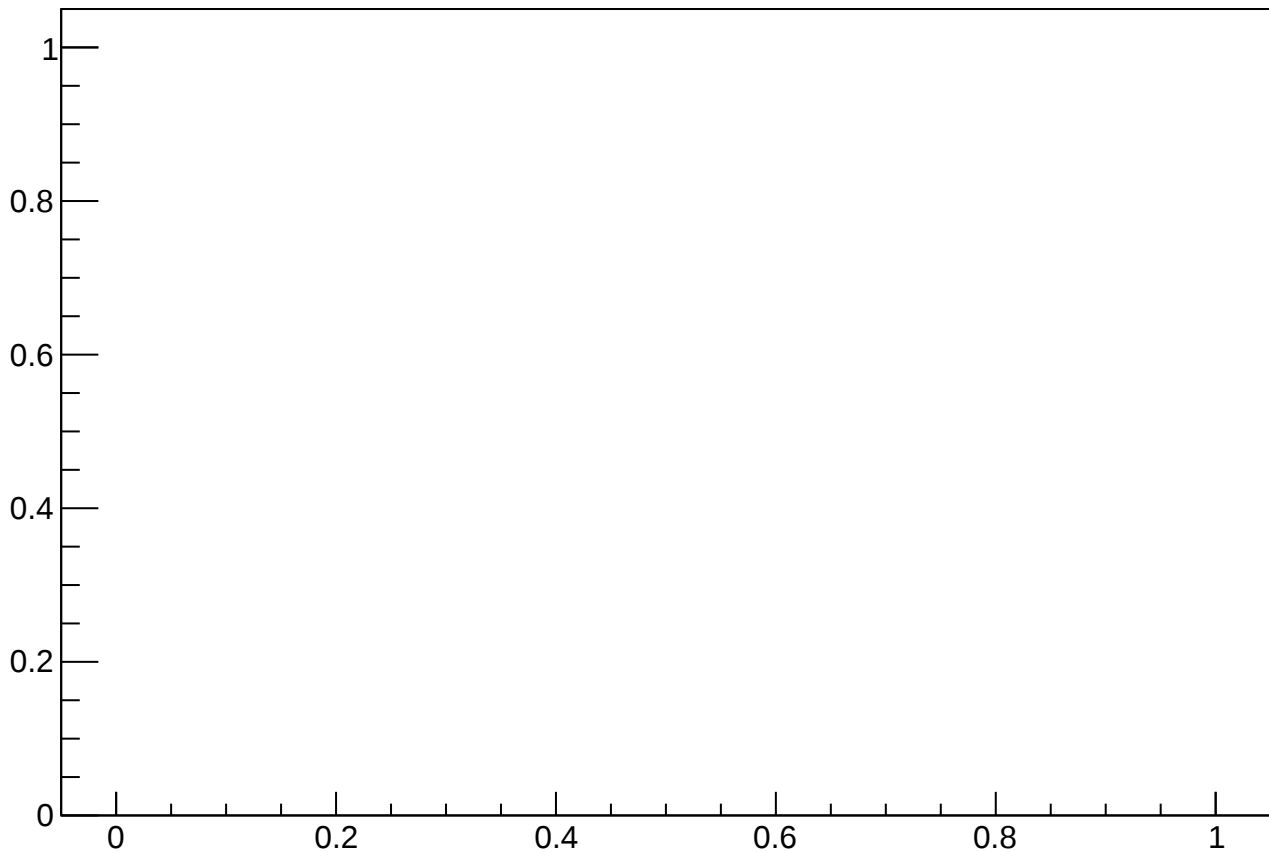
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



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

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

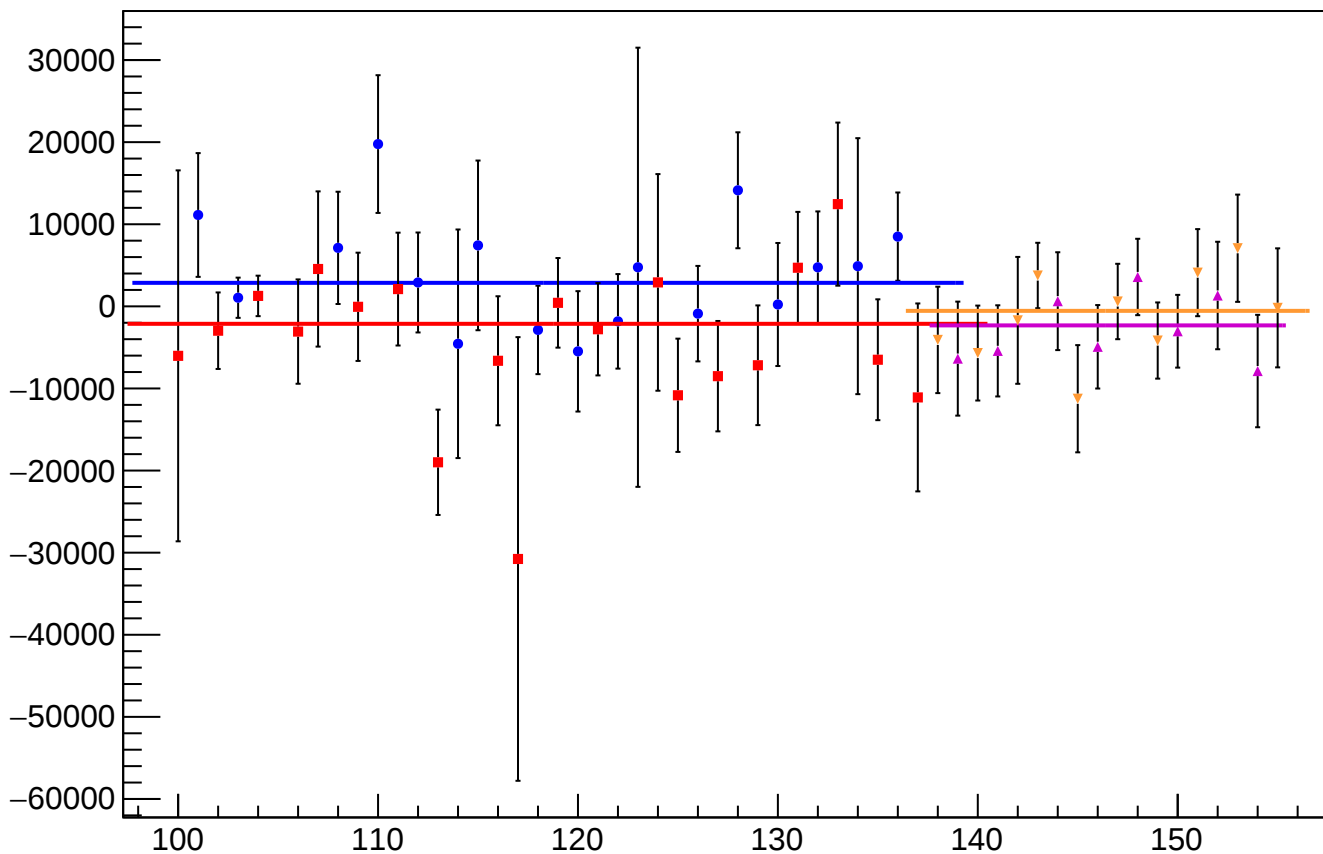
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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: -548.043+/-1743.885 χ^2/NDF : 7.8/9

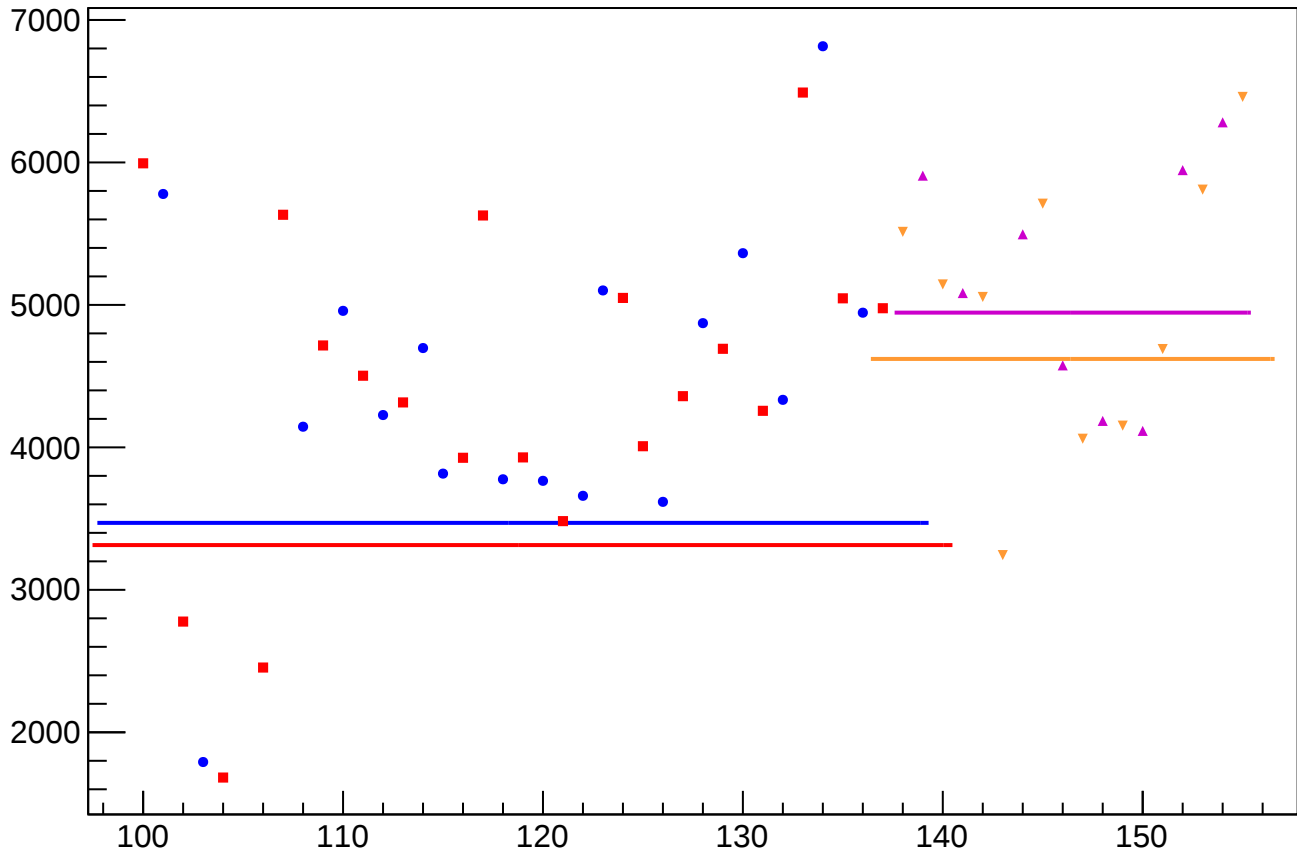
1466.735+/-1116.145 χ^2/NDF : 24.1/26

Right Out: -2126.105+/-1379.774 χ^2/NDF : 18.8/19

-2190.198+/-1127.121 χ^2/NDF : 22.6/27

Left In: -2318.753+/-1954.108 χ^2/NDF : 3.8/7

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 4620.761 $\pm$ 1.233 χ^2 /NDF: 600586.0/9

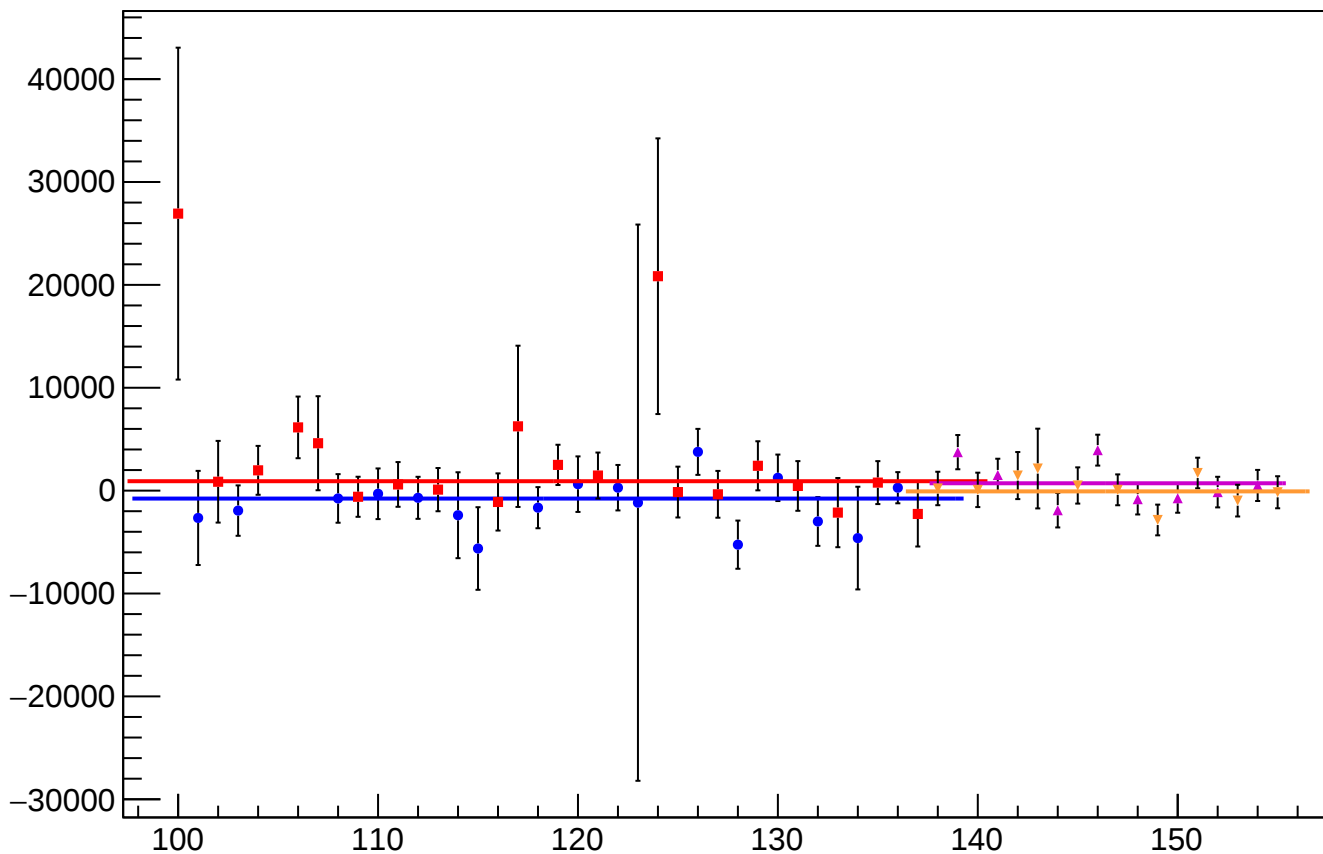
3941.412 $\pm$ 0.789 χ^2 /NDF: 2875556.5/26

Right Out: 3314.183 $\pm$ 0.967 χ^2 /NDF: 1925484.9/19

3850.403 $\pm$ 0.792 χ^2 /NDF: 3175229.9/27

Left In: 4945.813 $\pm$ 1.382 χ^2 /NDF: 313626.4/7

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.153+/-603.689 χ^2/NDF : 13.3/16

Left Out: -72.882+/-535.047 χ^2/NDF : 6.2/9

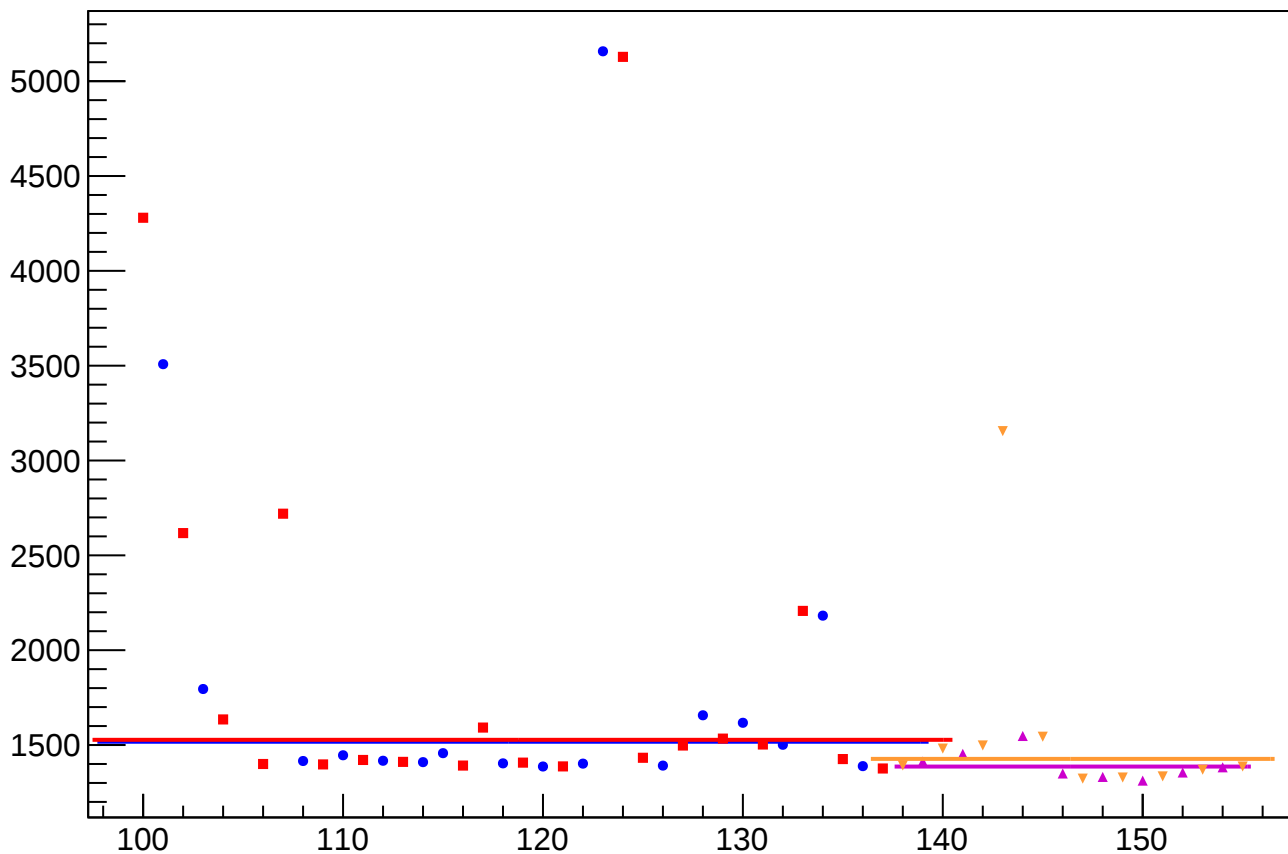
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 715.901+/-542.013 χ^2/NDF : 13.1/7

-380.078+/-400.414 χ^2/NDF : 20.2/26

806.873+/-400.180 χ^2/NDF : 27.1/27

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1426.886+/-0.378 χ^2/NDF : 441367.9/9

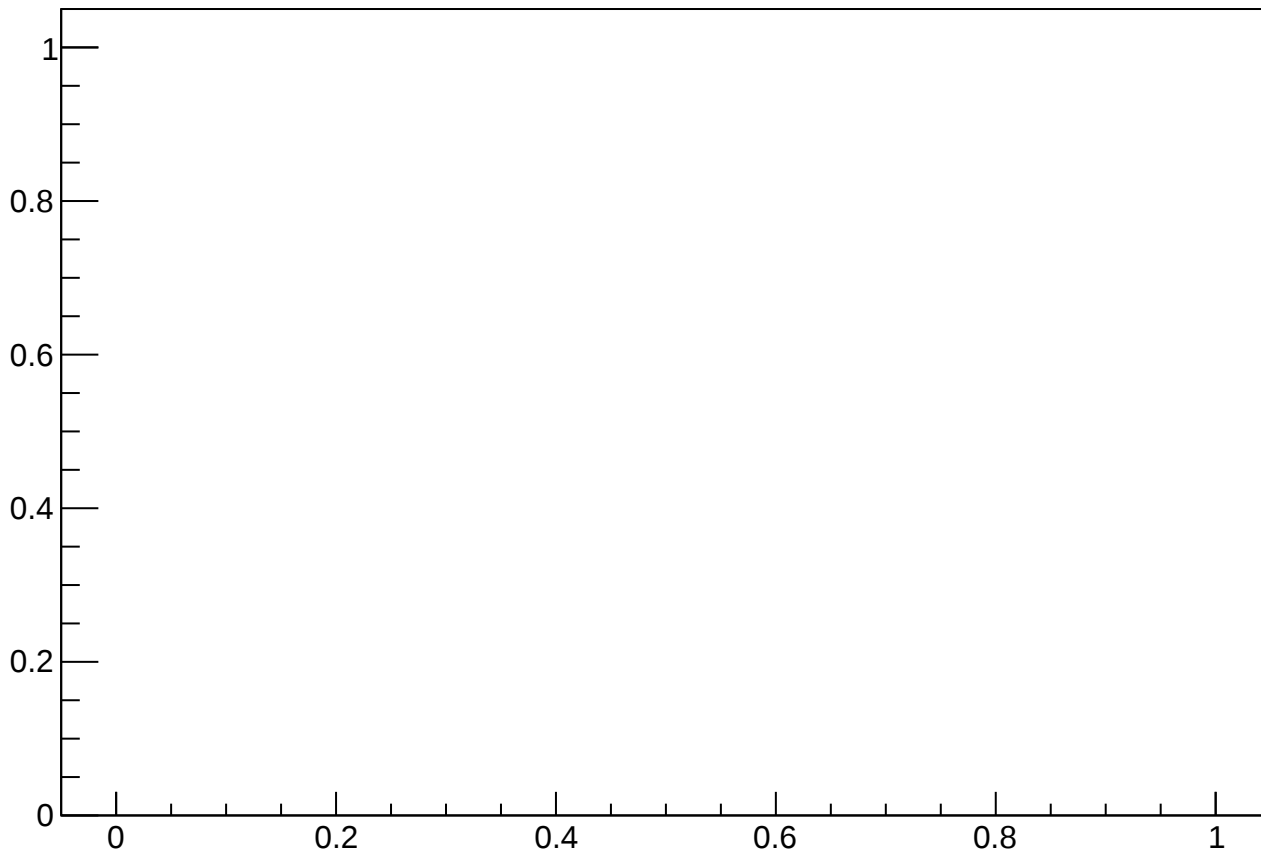
Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

Left In: 1386.403+/-0.383 χ^2/NDF : 32943.5/7

1466.678+/-0.283 χ^2/NDF : 1003174.9/26

1450.530+/-0.283 χ^2/NDF : 726309.1/27

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

0.000+/-0.000 χ^2 /NDF: 0.0/0

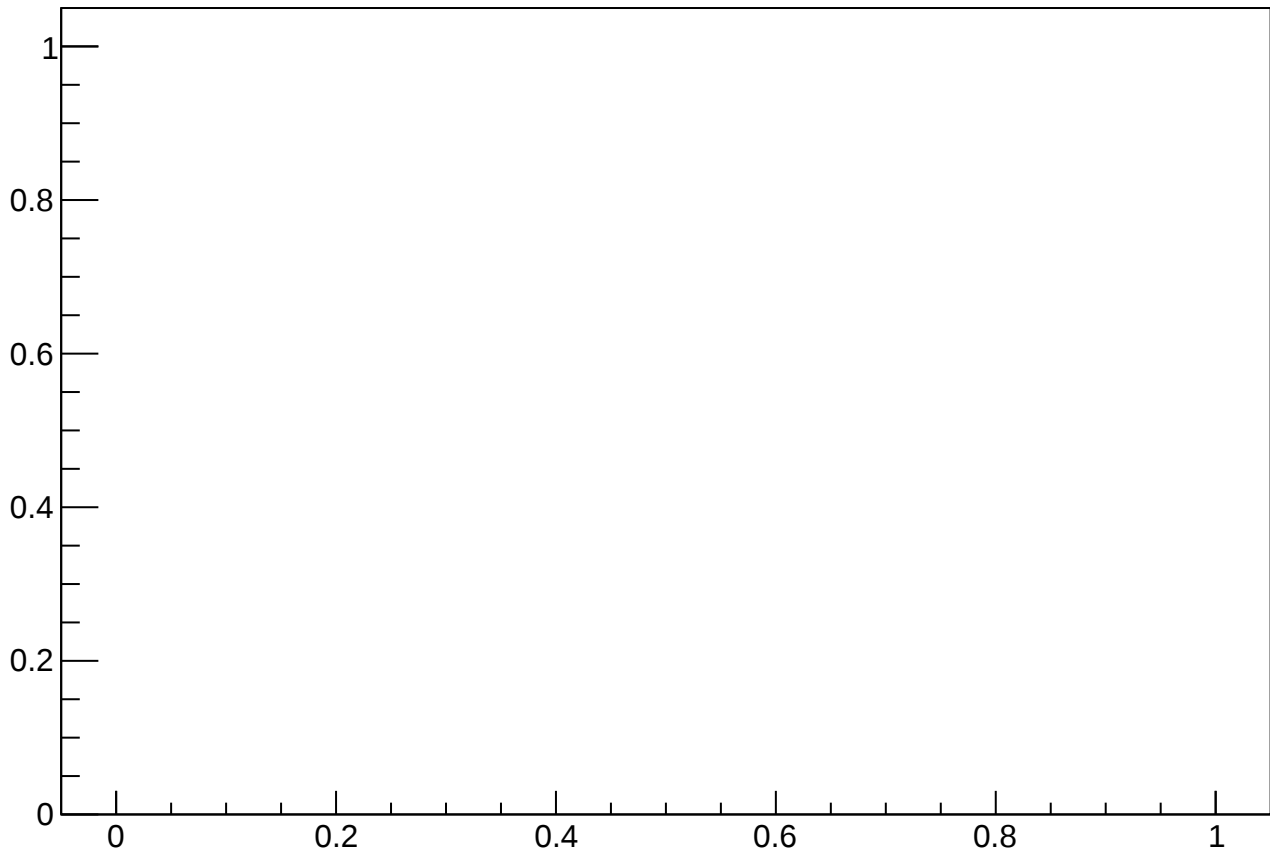
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

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

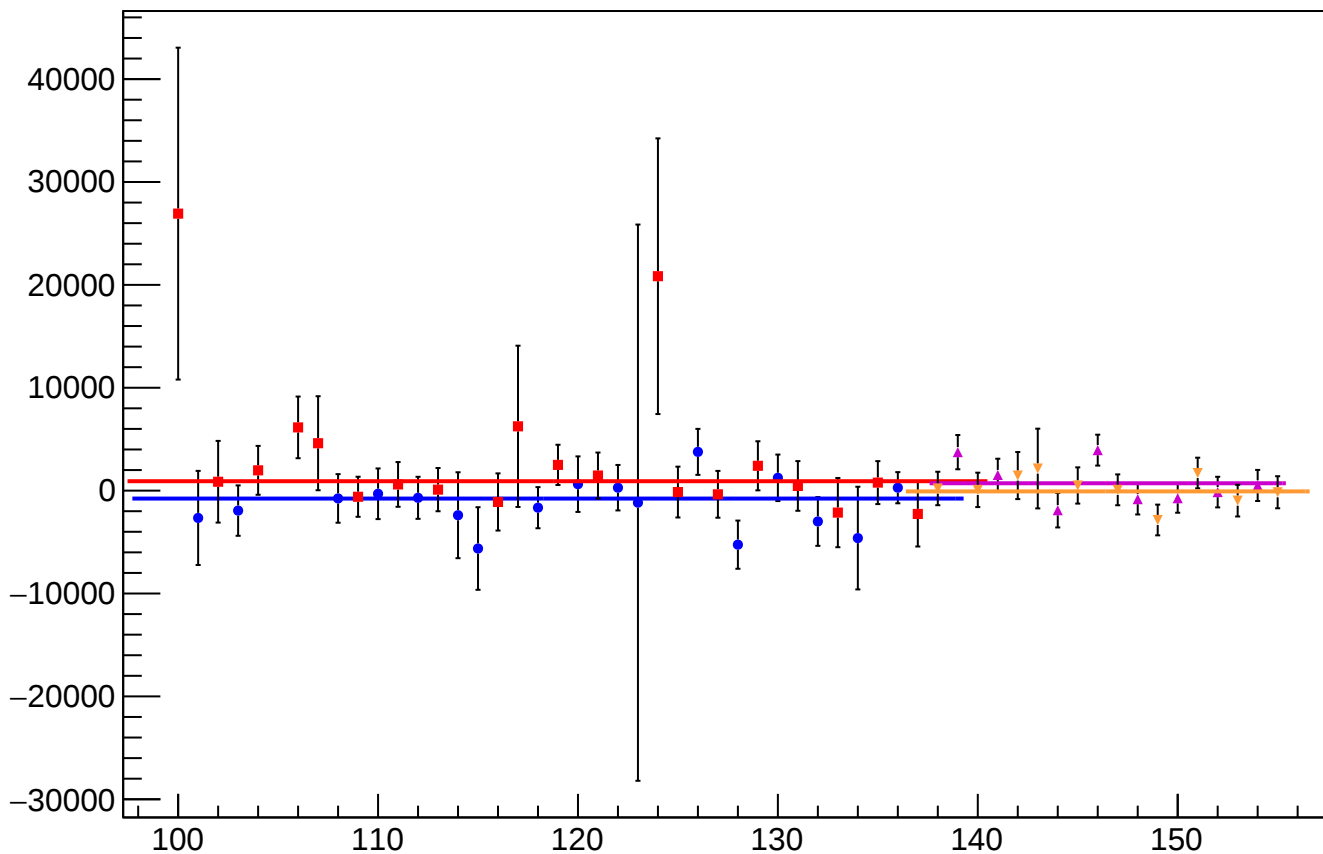
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-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: -72.882 ± 535.047 χ^2/NDF : 6.2/9

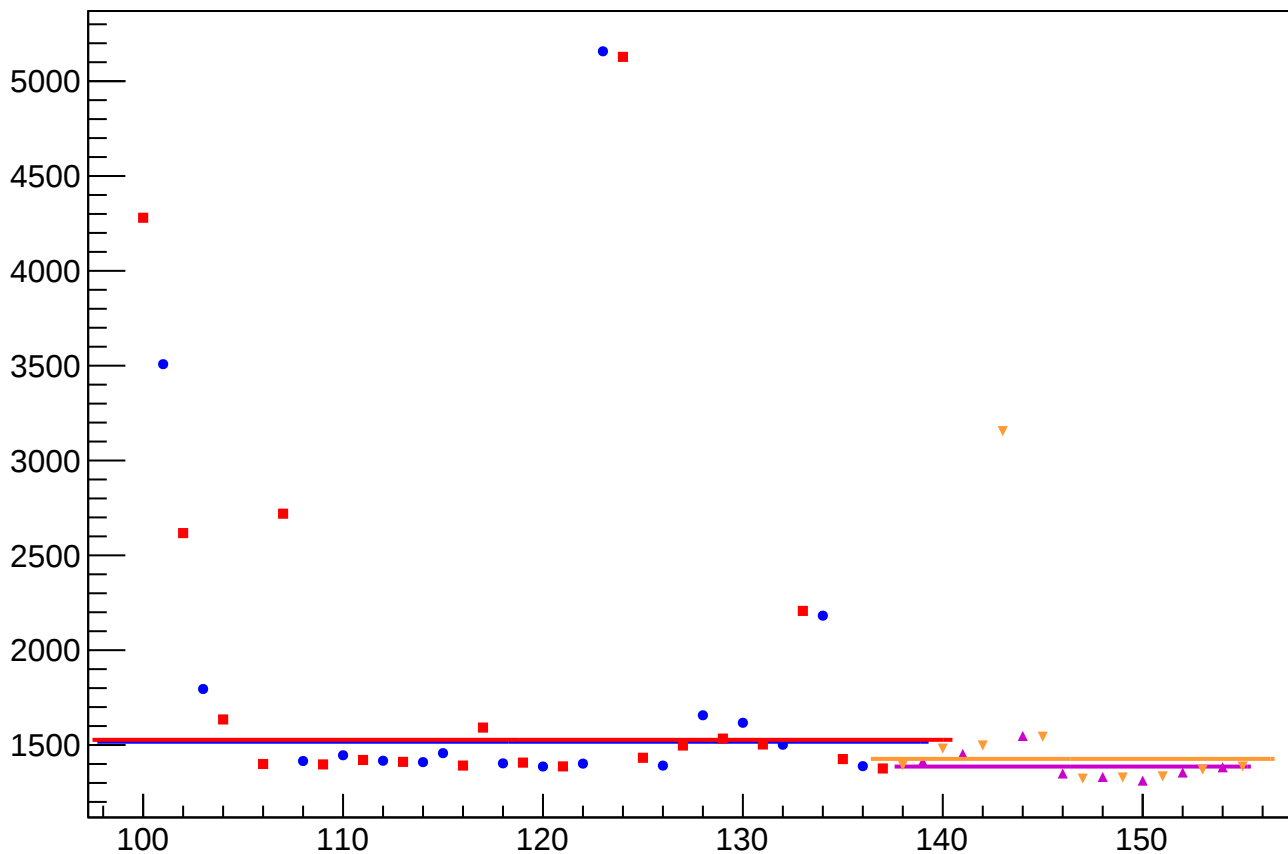
Right Out: 915.893 ± 593.346 χ^2/NDF : 14.0/19

Left In: 715.901 ± 542.013 χ^2/NDF : 13.1/7

-380.078 ± 400.414 χ^2/NDF : 20.2/26

806.873 ± 400.180 χ^2/NDF : 27.1/27

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1426.886+/-0.378 χ^2/NDF : 441367.9/9

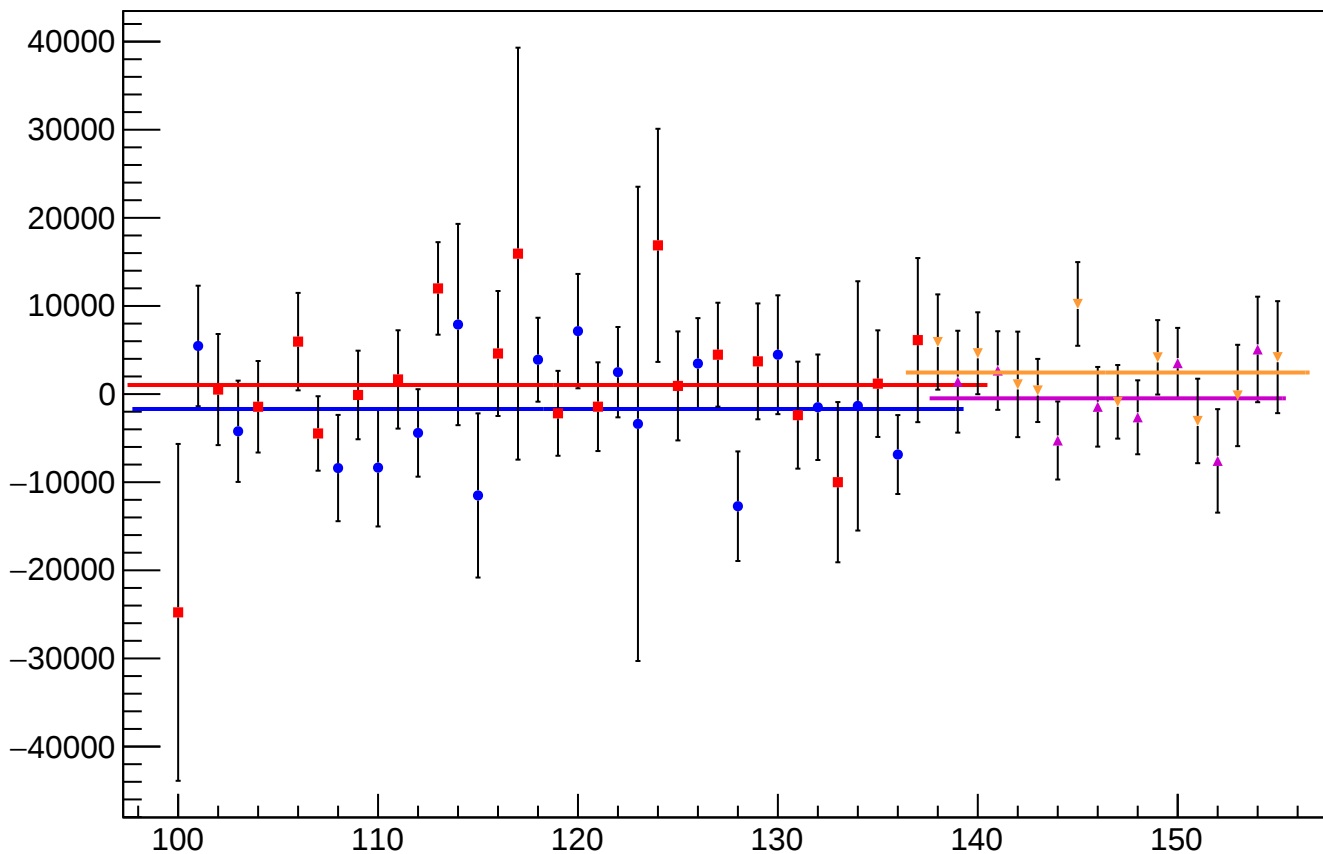
Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

Left In: 1386.403+/-0.383 χ^2/NDF : 32943.5/7

1466.678+/-0.283 χ^2/NDF : 1003174.9/26

1450.530+/-0.283 χ^2/NDF : 726309.1/27

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604 $\pm$ 1512.935 χ^2 /NDF: 15.8/16

Left Out: 2446.517 $\pm$ 1503.189 χ^2 /NDF: 6.1/9

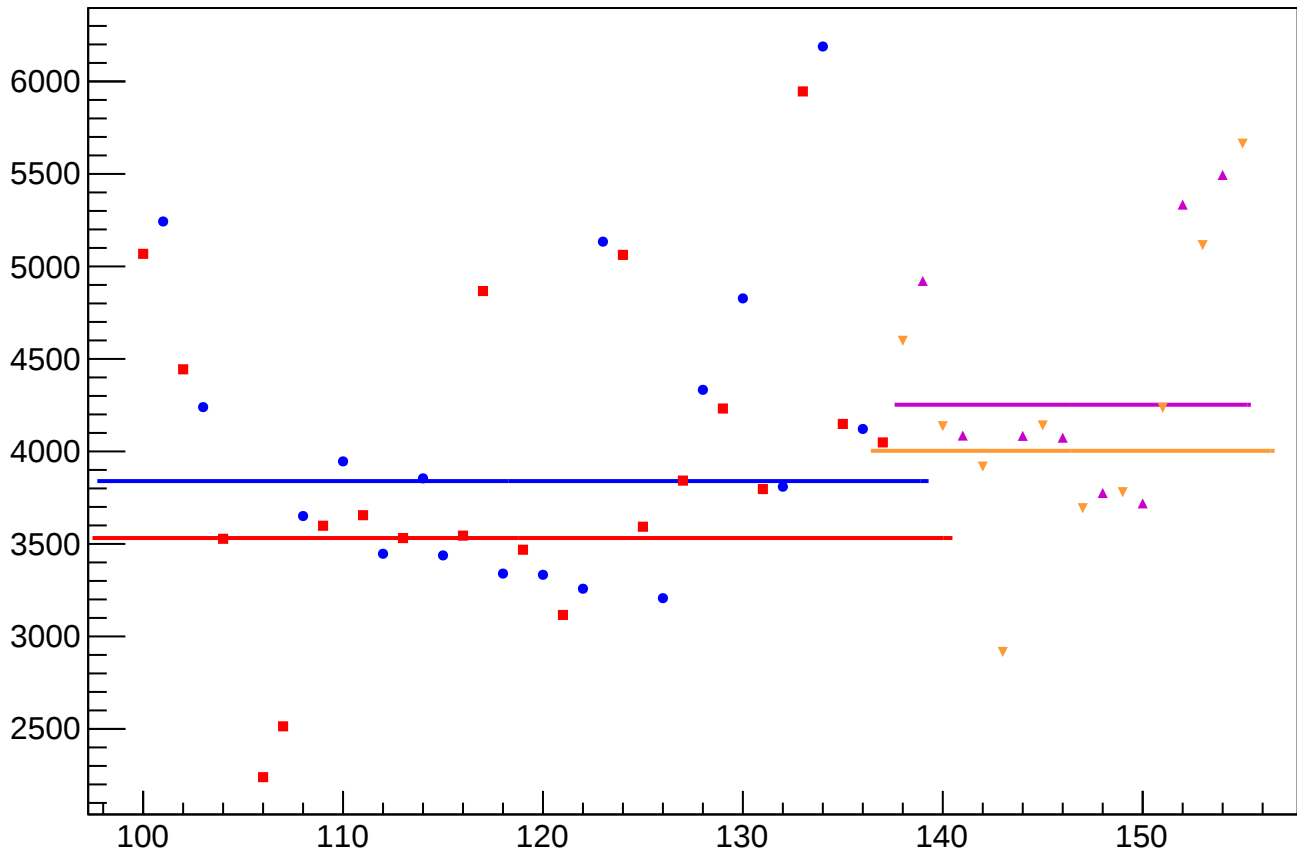
Right Out: 1029.768 $\pm$ 1376.481 χ^2 /NDF: 14.3/19

Left In: -481.474 $\pm$ 1675.638 χ^2 /NDF: 5.4/7

390.332 $\pm$ 1066.344 χ^2 /NDF: 25.7/26

420.864 $\pm$ 1063.623 χ^2 /NDF: 20.2/27

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4003.353+/-1.063 χ^2/NDF : 444758.8/9

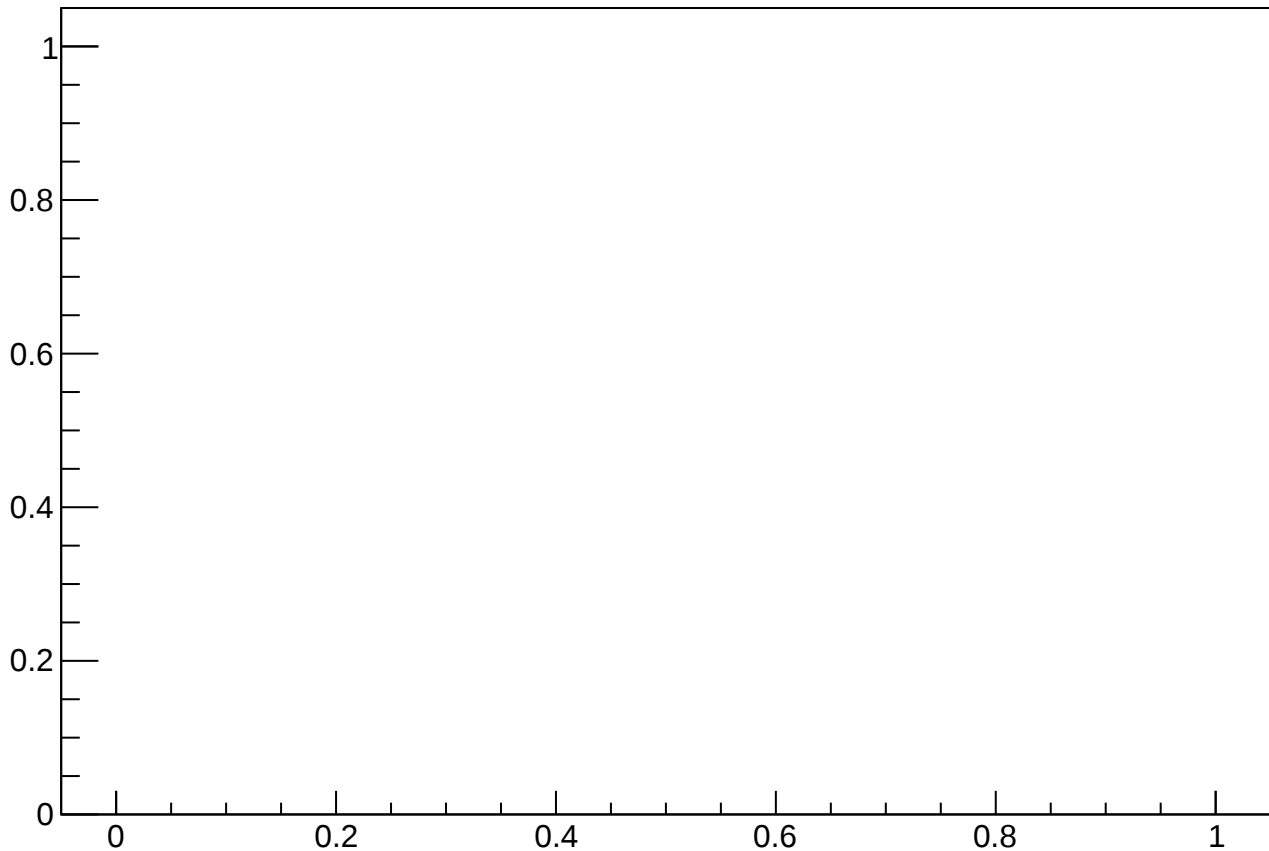
Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

Left In: 4252.425+/-1.185 χ^2/NDF : 250829.7/7

3922.078+/-0.754 χ^2/NDF : 782487.0/26

3819.051+/-0.748 χ^2/NDF : 1034591.0/27

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

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

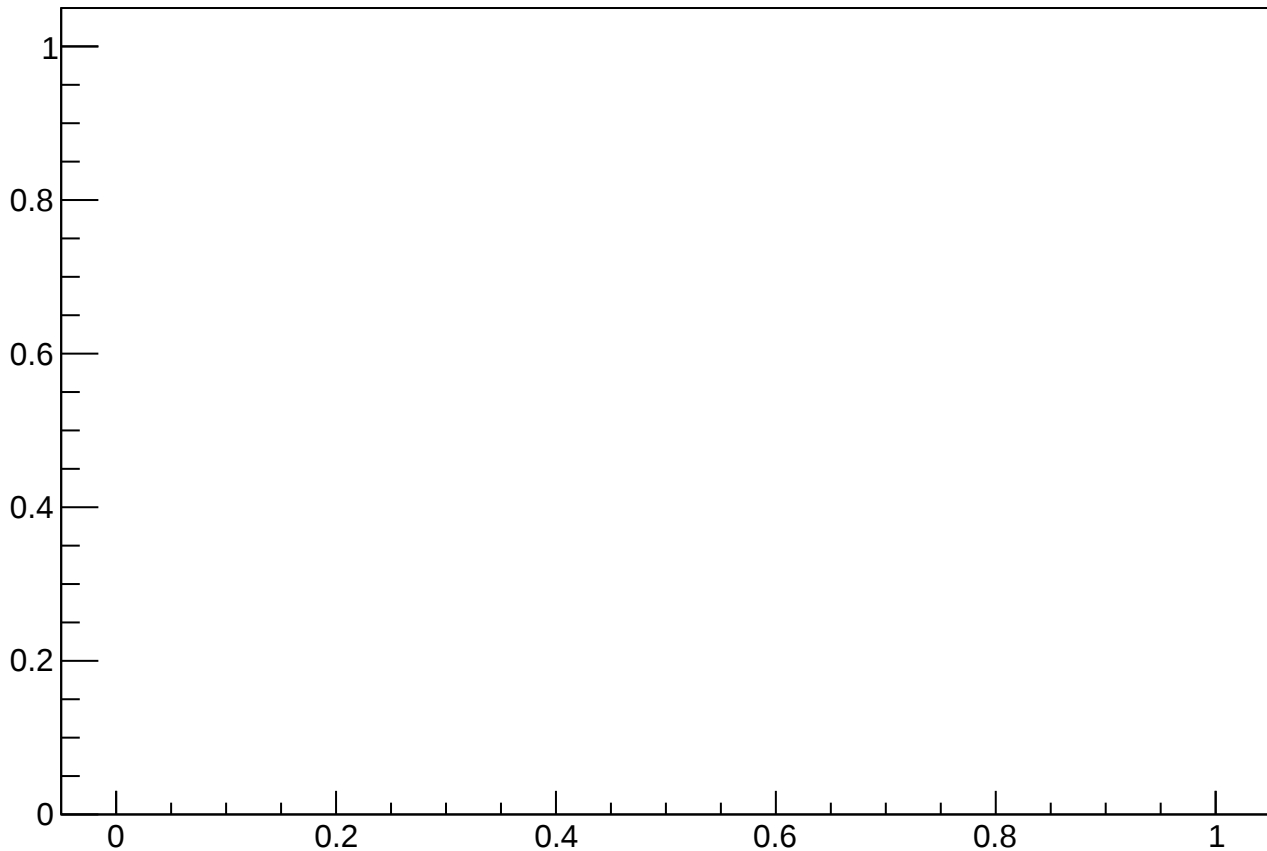
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

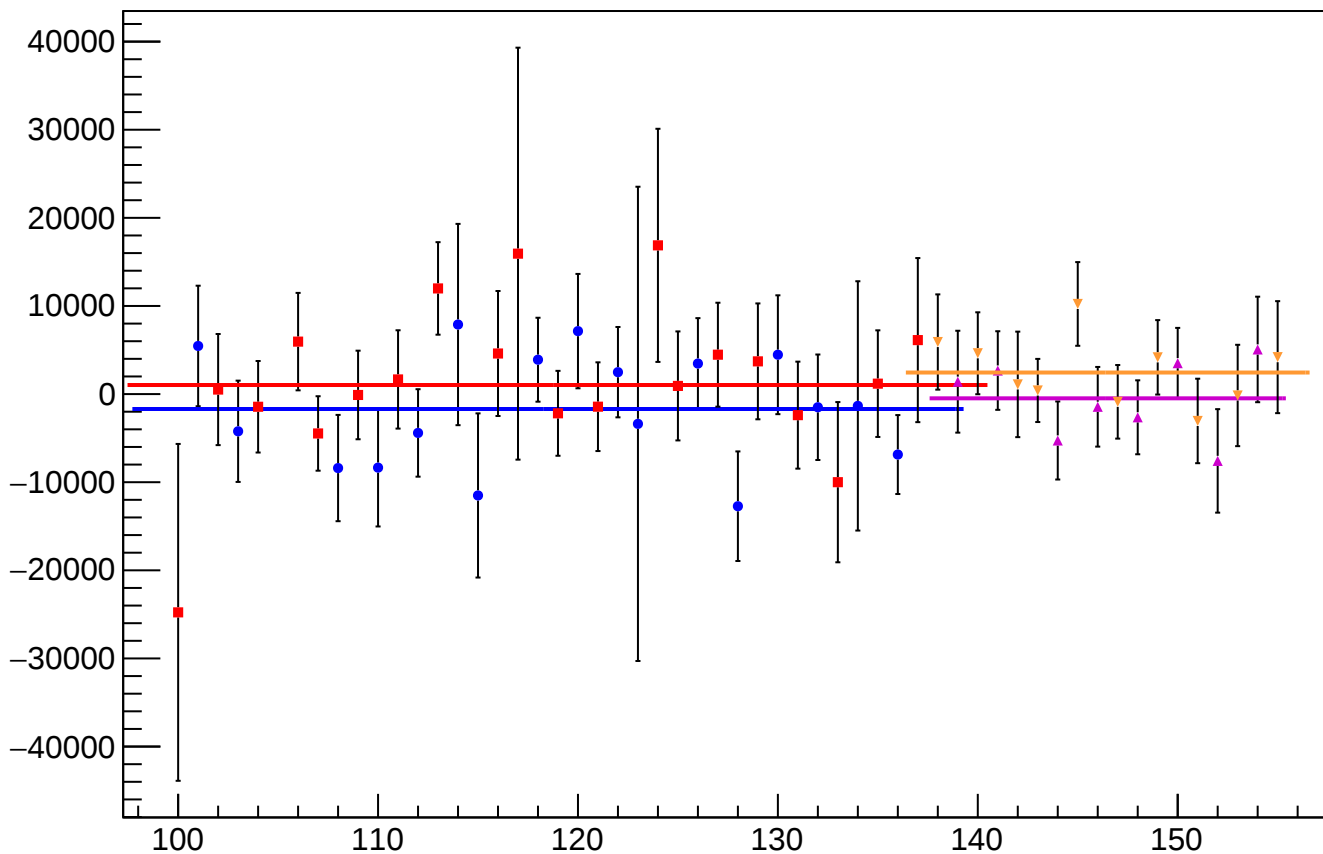
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604 $\pm$ 1512.935 χ^2 /NDF: 15.8/16

Left Out: 2446.517 $\pm$ 1503.189 χ^2 /NDF: 6.1/9

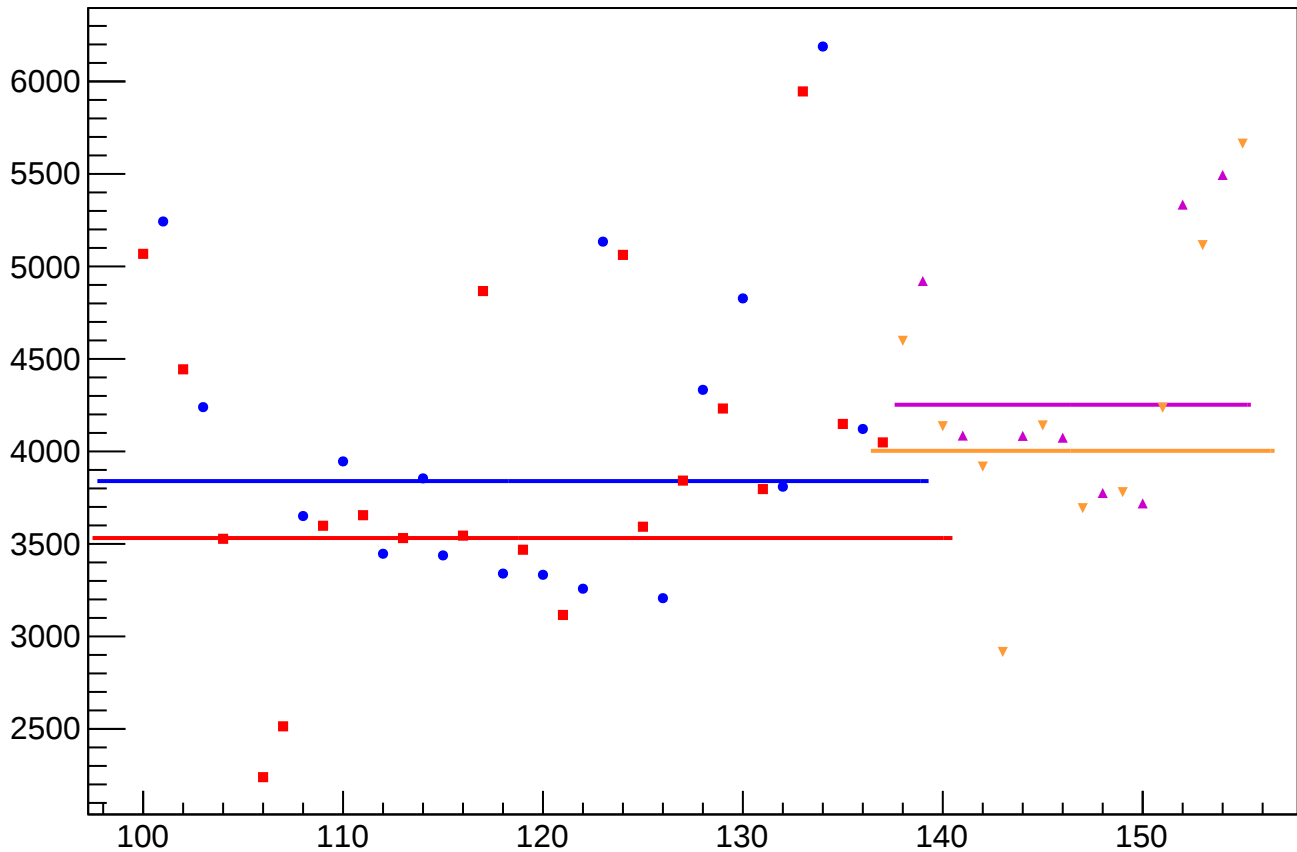
Right Out: 1029.768 $\pm$ 1376.481 χ^2 /NDF: 14.3/19

Left In: -481.474 $\pm$ 1675.638 χ^2 /NDF: 5.4/7

390.332 $\pm$ 1066.344 χ^2 /NDF: 25.7/26

420.864 $\pm$ 1063.623 χ^2 /NDF: 20.2/27

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4003.353+/-1.063 χ^2/NDF : 444758.8/9

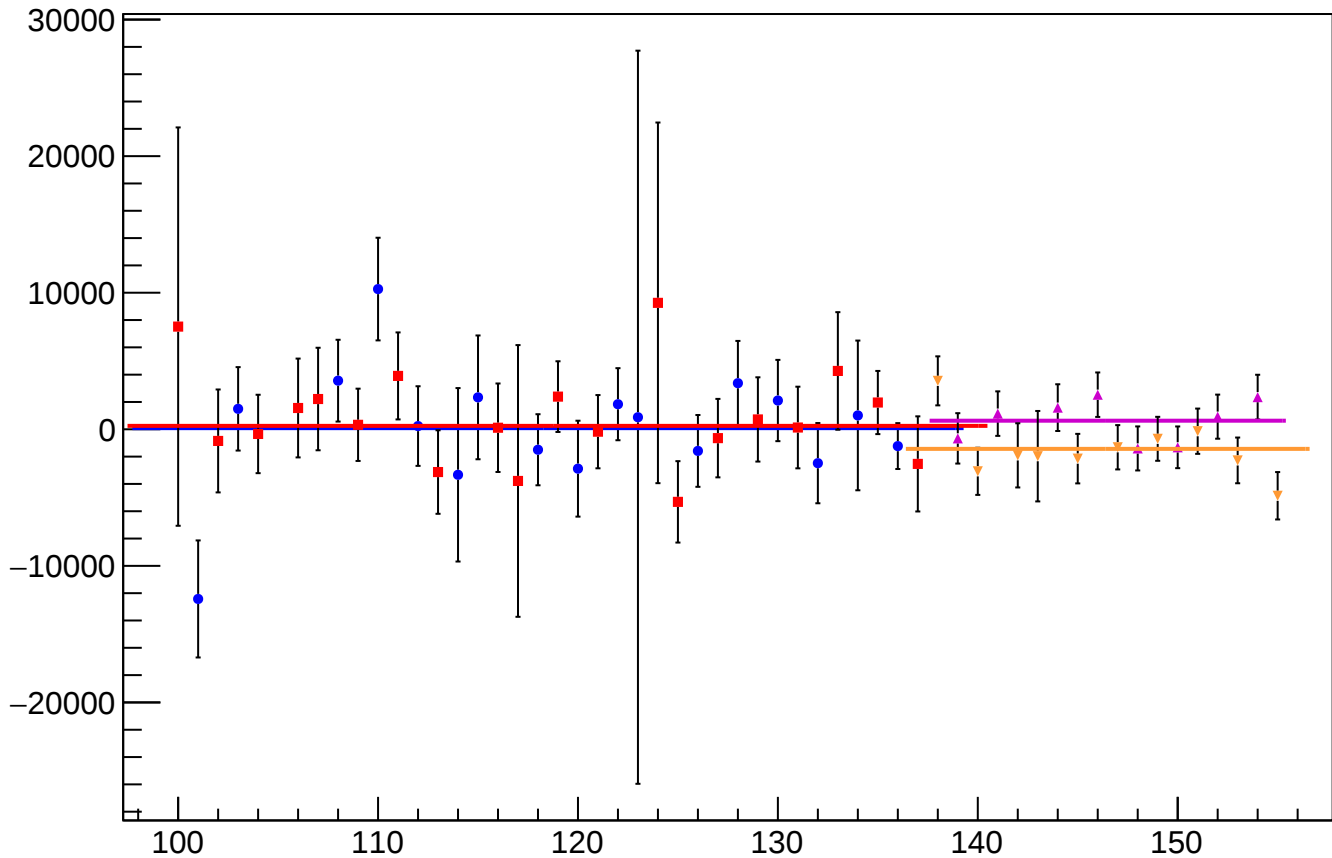
Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

Left In: 4252.425+/-1.185 χ^2/NDF : 250829.7/7

3922.078+/-0.754 χ^2/NDF : 782487.0/26

3819.051+/-0.748 χ^2/NDF : 1034591.0/27

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860 ± 750.549 χ^2/NDF : 22.9/16

Left Out: -1433.592 ± 573.388 χ^2/NDF : 13.8/9

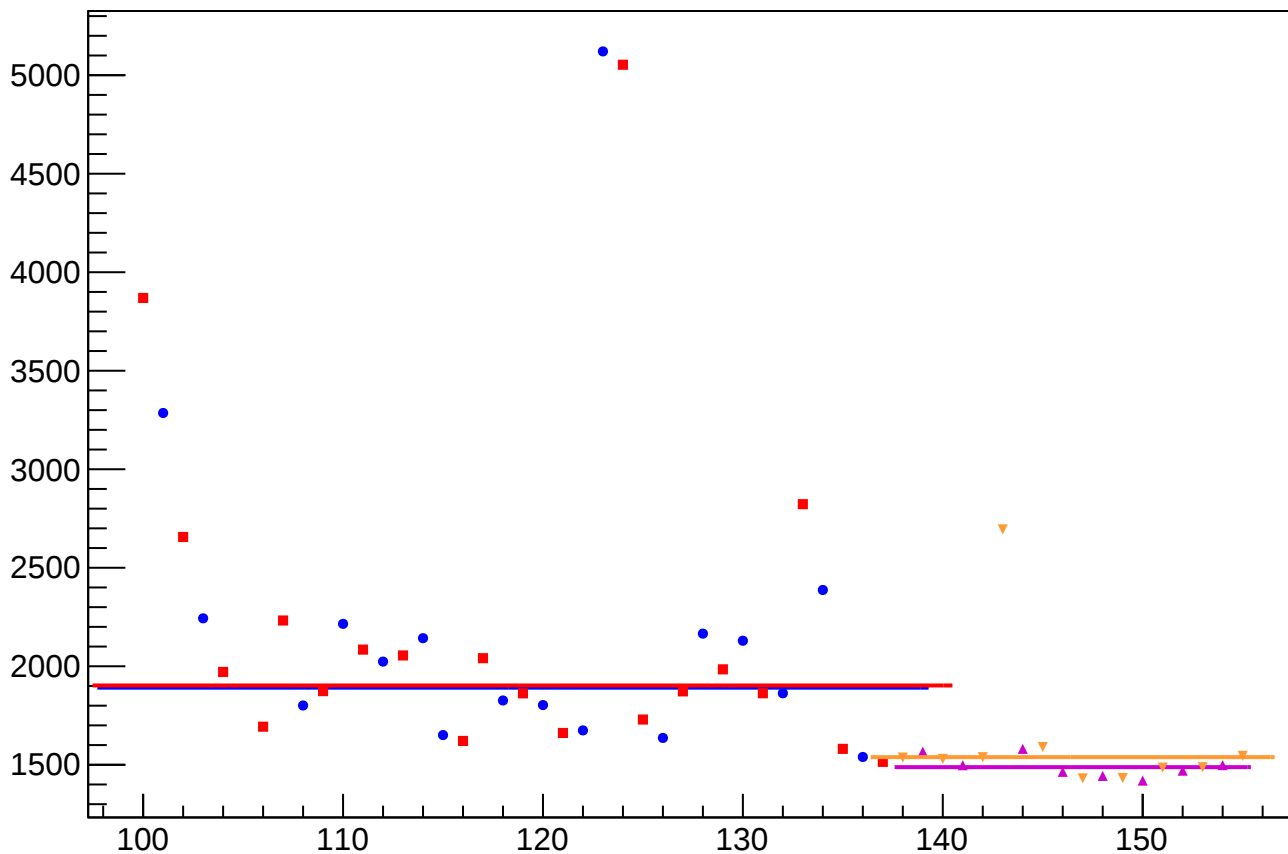
Right Out: 250.743 ± 732.124 χ^2/NDF : 10.3/19

Left In: 629.196 ± 581.239 χ^2/NDF : 6.6/7

-874.350 ± 455.639 χ^2/NDF : 39.3/26

482.882 ± 455.221 χ^2/NDF : 17.1/27

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492+/-0.531 χ^2/NDF : 464497.5/16

Left Out: 1538.797+/-0.405 χ^2/NDF : 266817.1/9

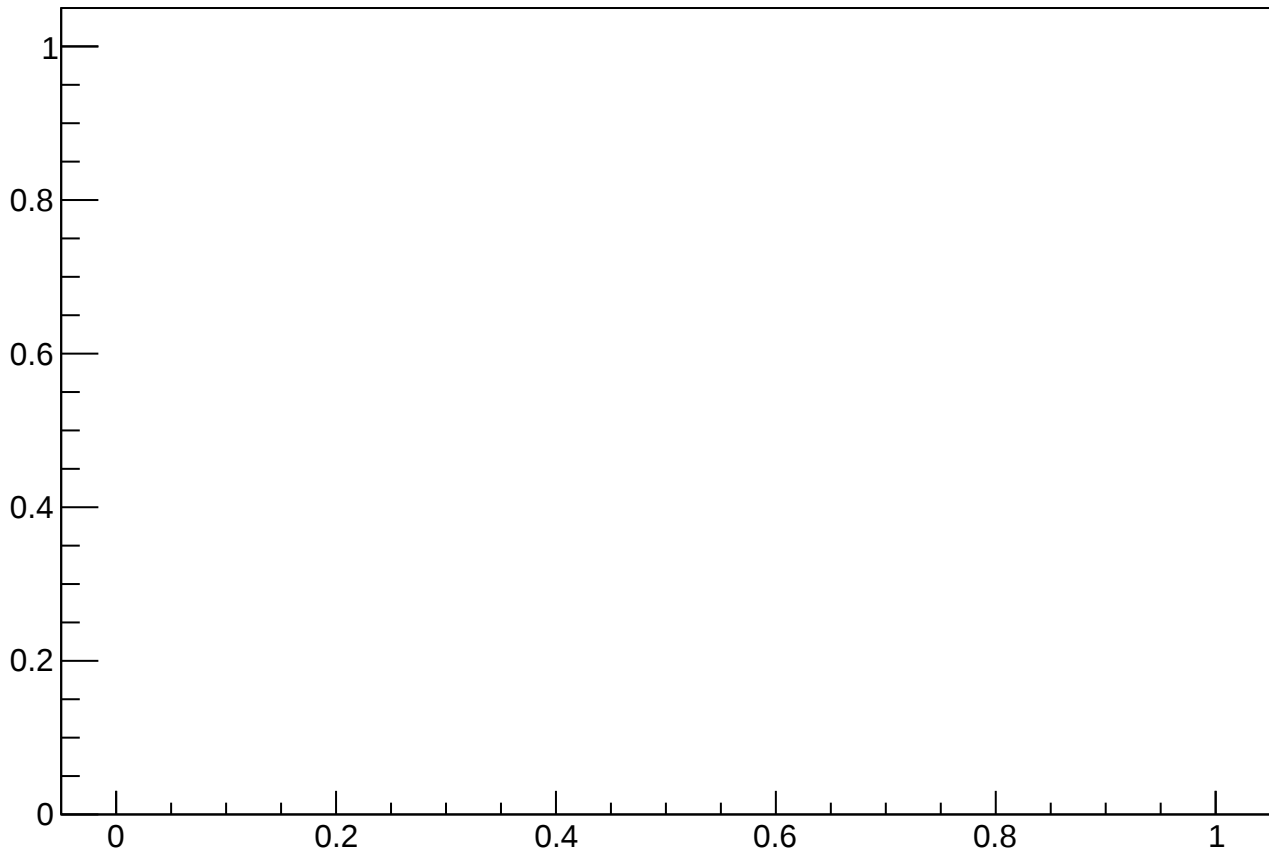
Right Out: 1902.551+/-0.518 χ^2/NDF : 461077.0/19

Left In: 1488.078+/-0.411 χ^2/NDF : 15864.8/7

1668.781+/-0.322 χ^2/NDF : 1010195.9/26

1648.321+/-0.322 χ^2/NDF : 870126.5/27

asym_atl_dd_atr_dd_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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

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

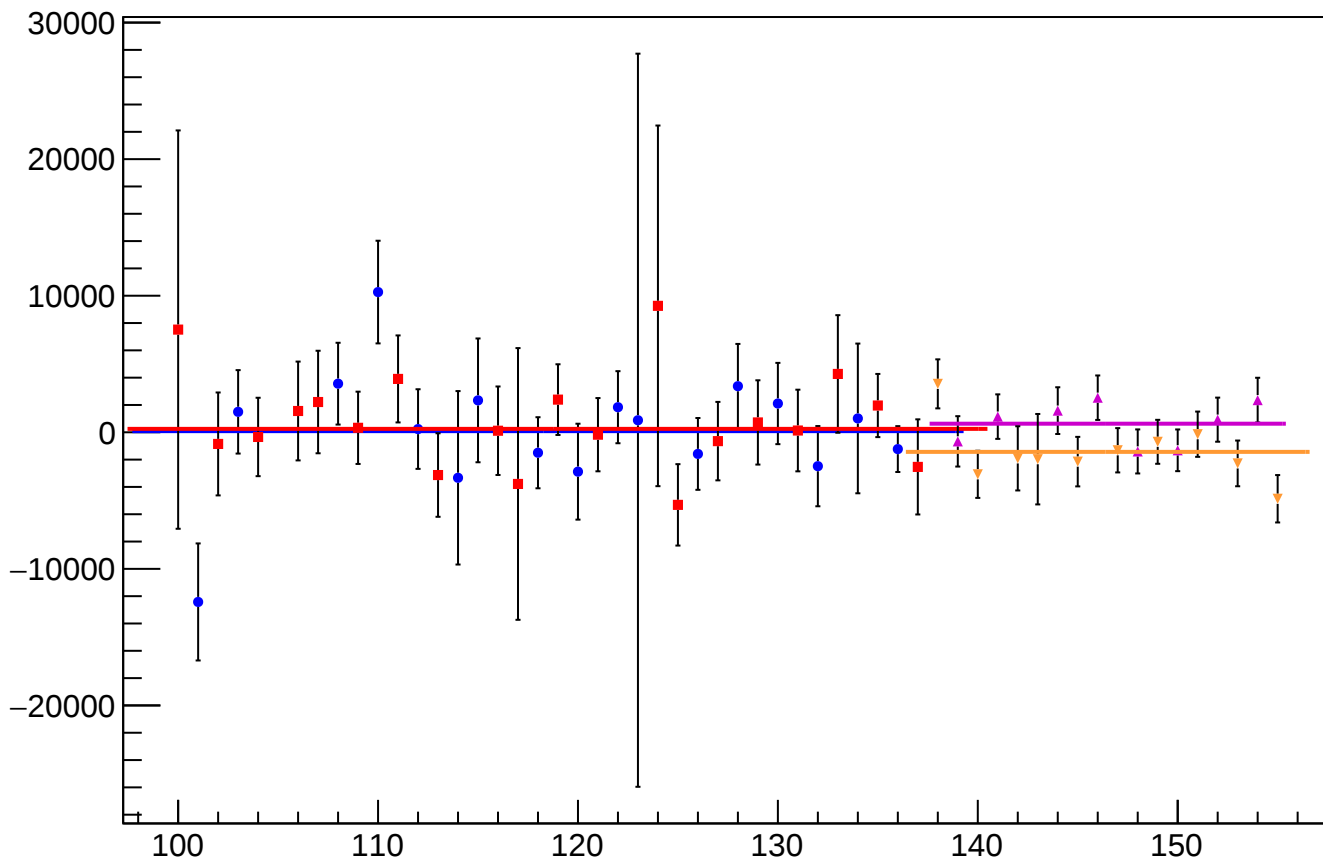
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860+/-750.549 χ^2/NDF : 22.9/16

Left Out: -1433.592+/-573.388 χ^2/NDF :13.8/9

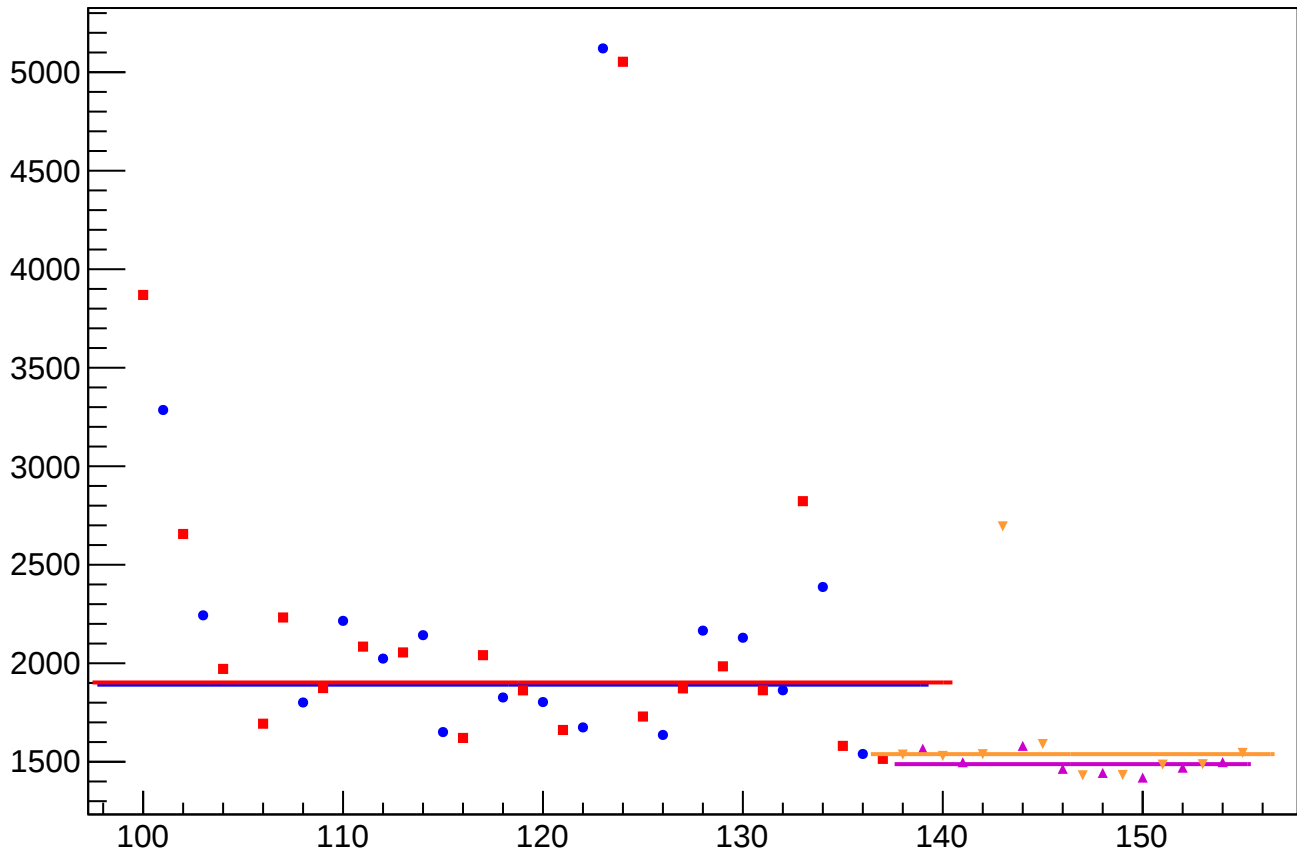
Right Out: 250.743+/-732.124 χ^2/NDF : 10.3/19

Left In: 629.196+/-581.239 χ^2/NDF :6.6/7

-874.350+/-455.639 χ^2/NDF : 39.3/26

482.882+/-455.221 χ^2/NDF : 17.1/27

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492 ± 0.531 $\chi^2/\text{NDF}: 464497.5/16$

Left Out: 1538.797 ± 0.405 $\chi^2/\text{NDF}: 266817.1/9$

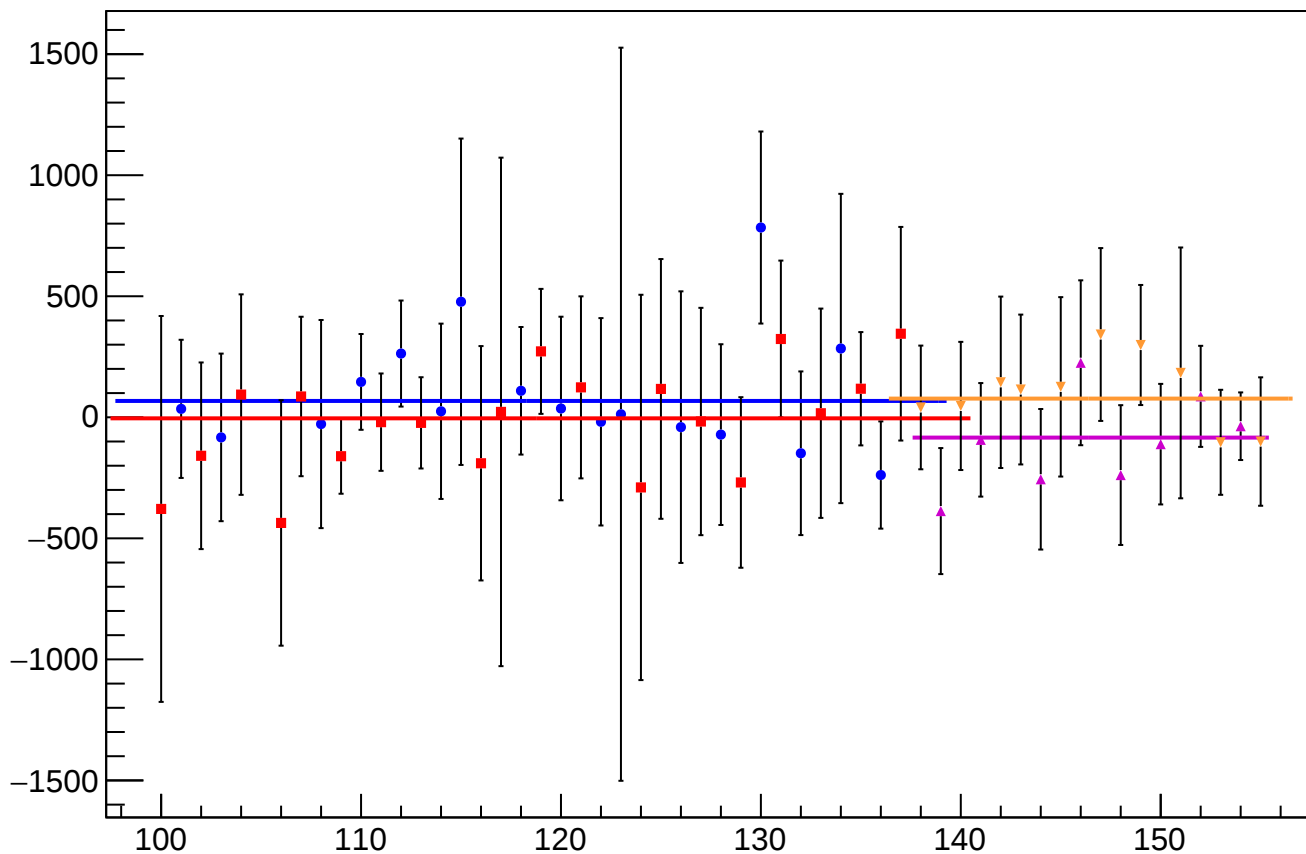
Right Out: 1902.551 ± 0.518 $\chi^2/\text{NDF}: 461077.0/19$

Left In: 1488.078 ± 0.411 $\chi^2/\text{NDF}: 15864.8/7$

1668.781 ± 0.322 $\chi^2/\text{NDF}: 1010195.9/26$

1648.321 ± 0.322 $\chi^2/\text{NDF}: 870126.5/27$

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: 77.242 $\pm$ 91.829 χ^2/NDF : 2.6/9

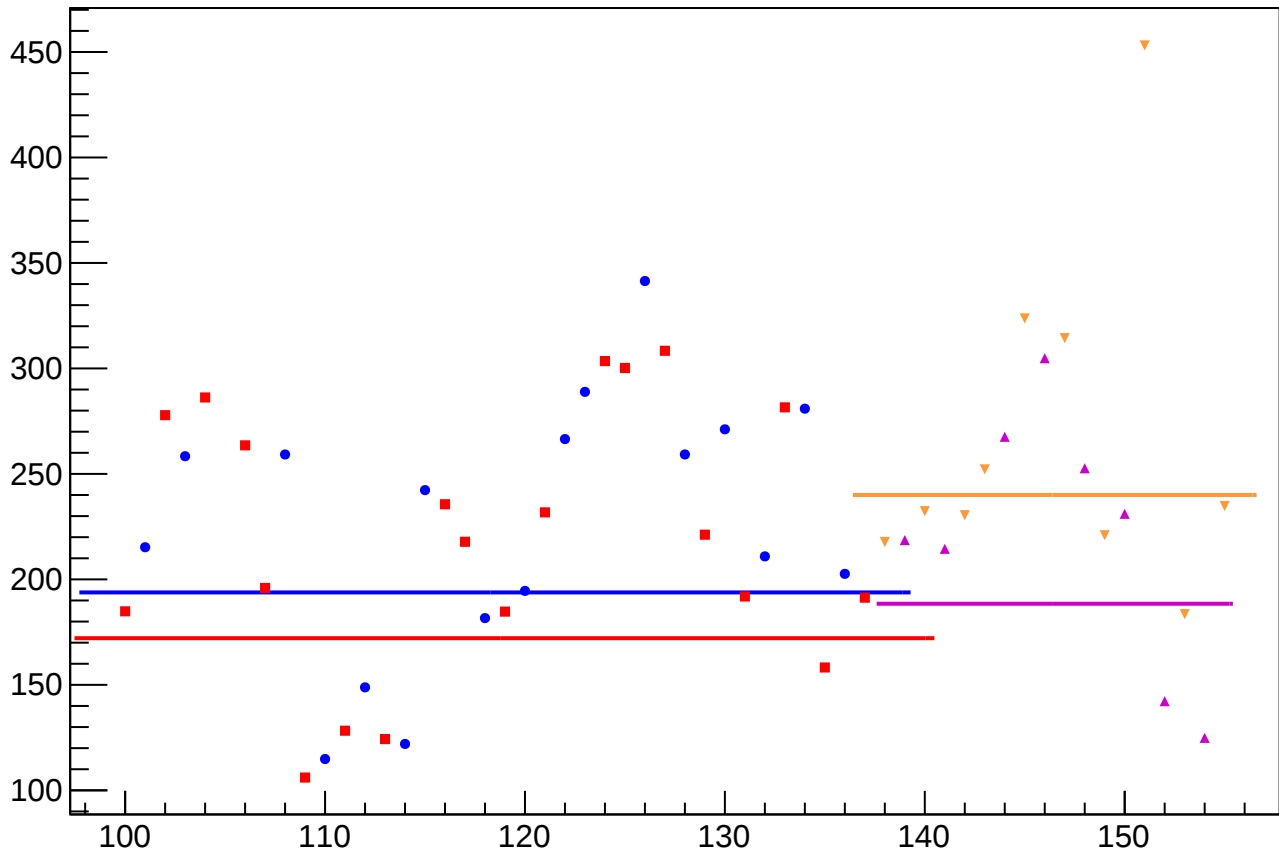
Right Out: -4.305 $\pm$ 69.854 χ^2/NDF : 6.4/19

Left In: -83.862 $\pm$ 80.121 χ^2/NDF : 3.6/7

71.704 $\pm$ 60.151 χ^2/NDF : 10.2/26

-38.663 $\pm$ 52.652 χ^2/NDF : 10.5/27

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 193.815+/-0.056 χ^2/NDF : 1010325.5/16

Left Out: 240.016+/-0.065 χ^2/NDF : 696912.7/9

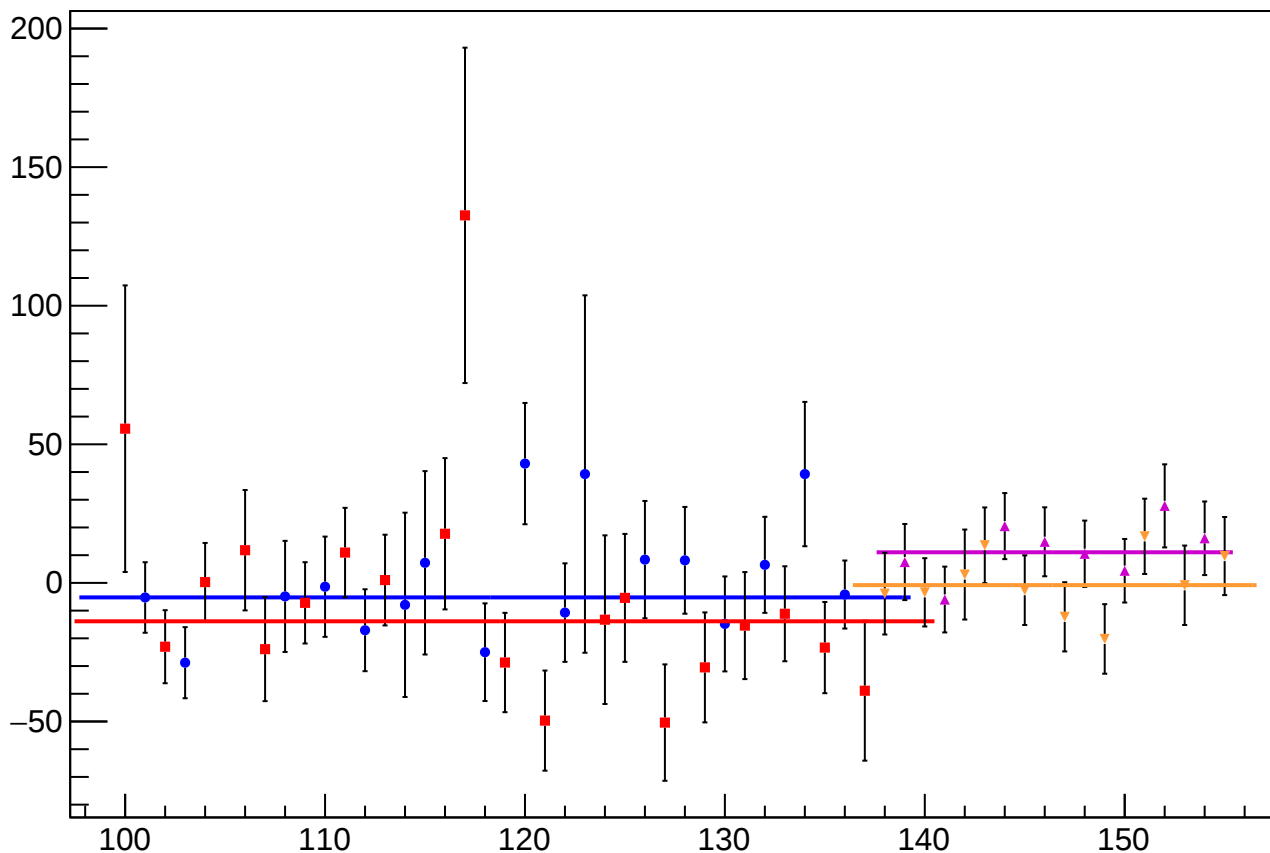
213.639+/-0.043 χ^2/NDF : 1996278.6/26

Right Out: 172.123+/-0.049 χ^2/NDF : 1580879.9/19

179.176+/-0.037 χ^2/NDF : 2731823.8/27

Left In: 188.454+/-0.057 χ^2/NDF : 1103736.8/7

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.231 $\pm$ 4.356 χ^2 /NDF: 15.5/16

-2.974 $\pm$ 3.050 χ^2 /NDF: 22.8/26

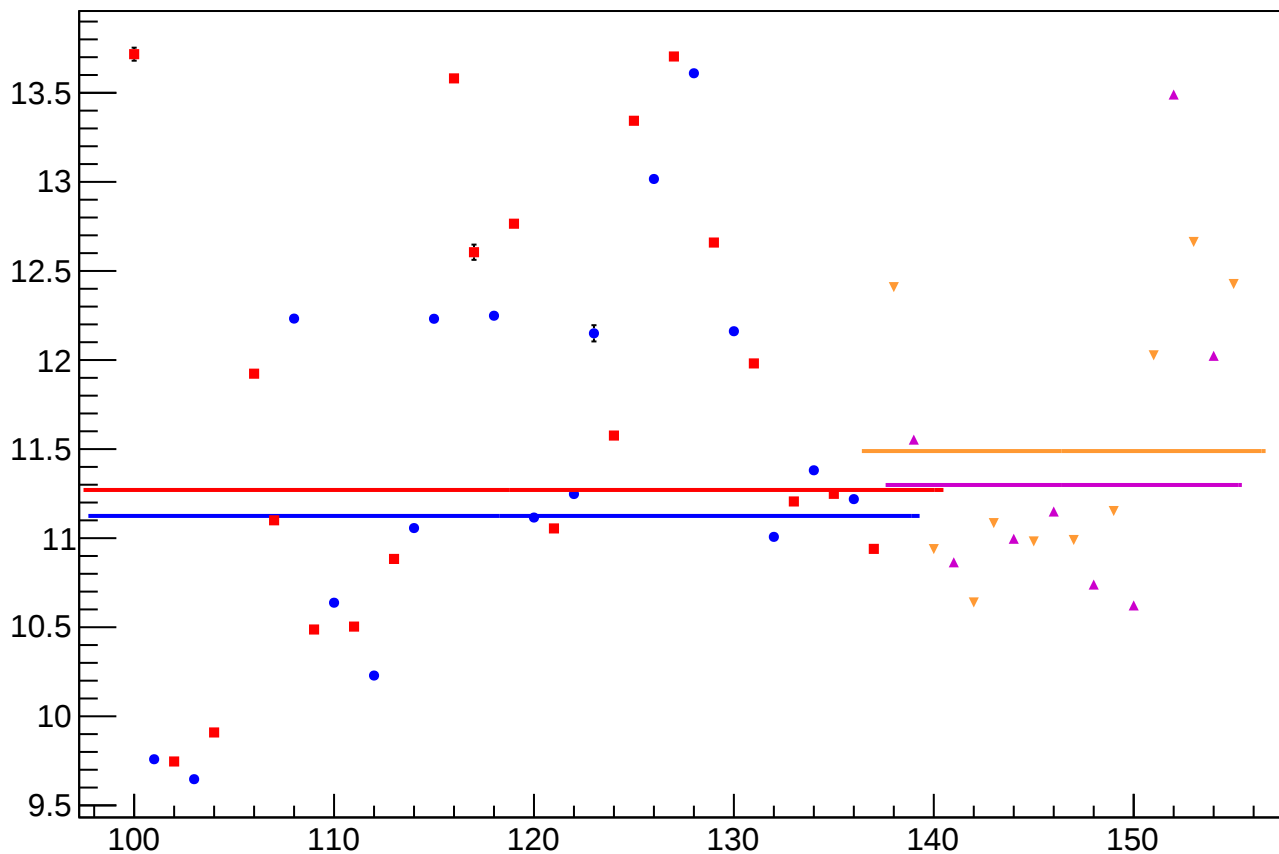
Left Out: -0.804 $\pm$ 4.272 χ^2 /NDF: 6.7/9

Right Out: -13.851 $\pm$ 4.255 χ^2 /NDF: 25.4/19

-1.946 $\pm$ 3.073 χ^2 /NDF: 46.4/27

Left In: 11.047 $\pm$ 4.445 χ^2 /NDF: 4.6/7

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.125+/-0.003 χ^2/NDF : 132520.1/16

Left Out: 11.489+/-0.003 χ^2/NDF : 52332.9/9

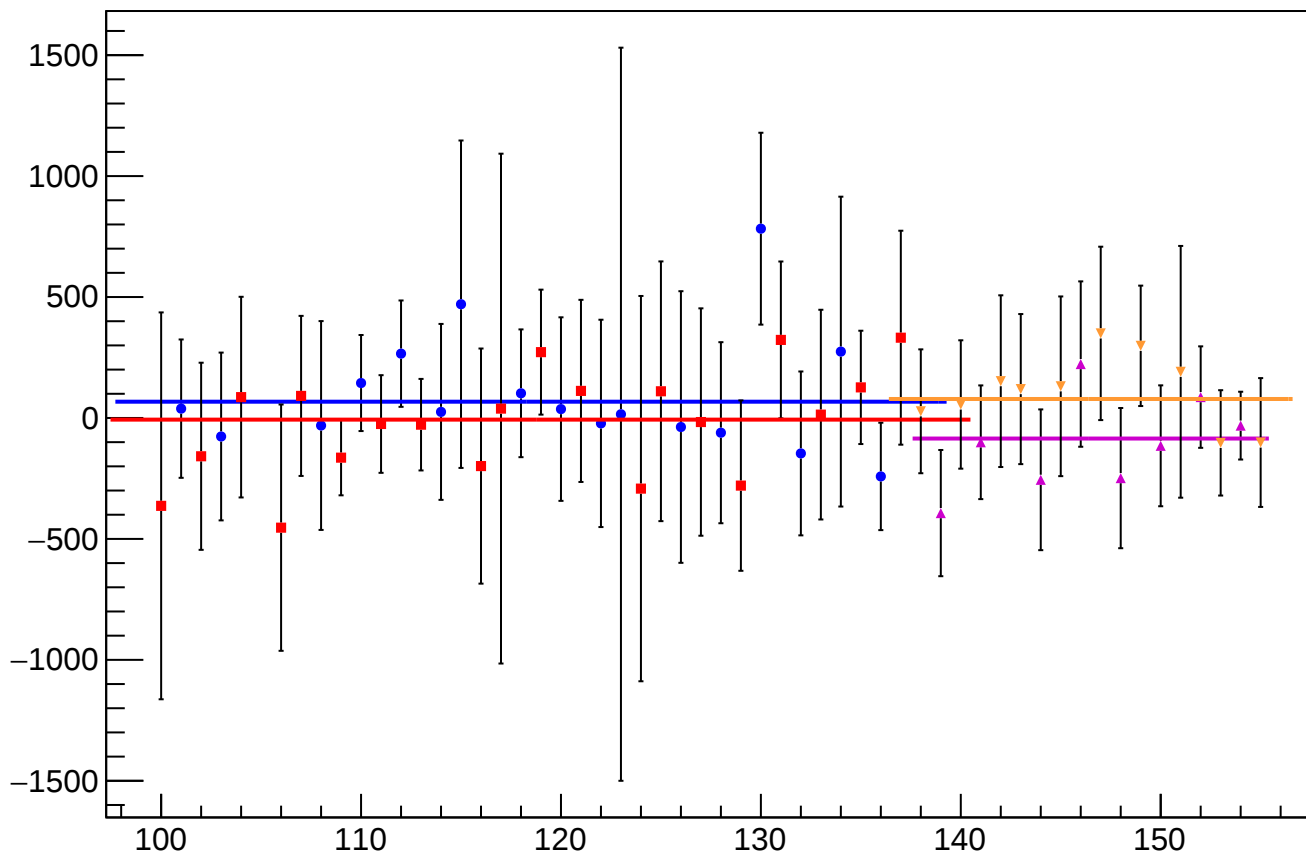
11.310+/-0.002 χ^2/NDF : 191978.0/26

Right Out: 11.271+/-0.003 χ^2/NDF : 148711.4/19

11.284+/-0.002 χ^2/NDF : 213716.2/27

Left In: 11.299+/-0.003 χ^2/NDF : 64963.4/7

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 67.305+/-79.817 χ^2/NDF : 7.5/16

Left Out: 78.501+/-92.121 χ^2/NDF : 2.7/9

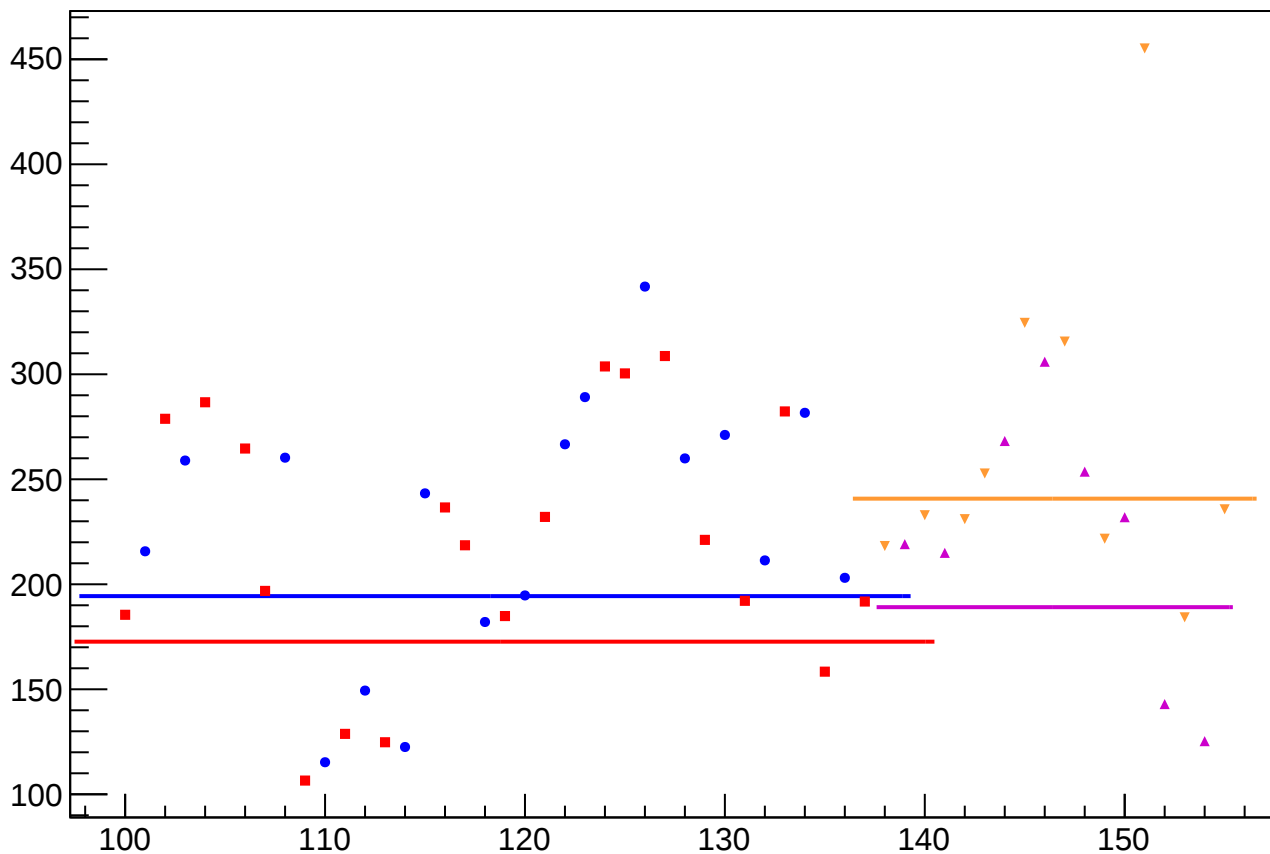
Right Out: -6.837+/-70.057 χ^2/NDF : 6.4/19

Left In: -85.026+/-80.392 χ^2/NDF : 3.7/7

72.106+/-60.324 χ^2/NDF : 10.2/26

-40.585+/-52.816 χ^2/NDF : 10.7/27

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 194.365+/-0.056 χ^2/NDF : 1005234.4/16

Left Out: 240.776+/-0.065 χ^2/NDF : 697116.0/9

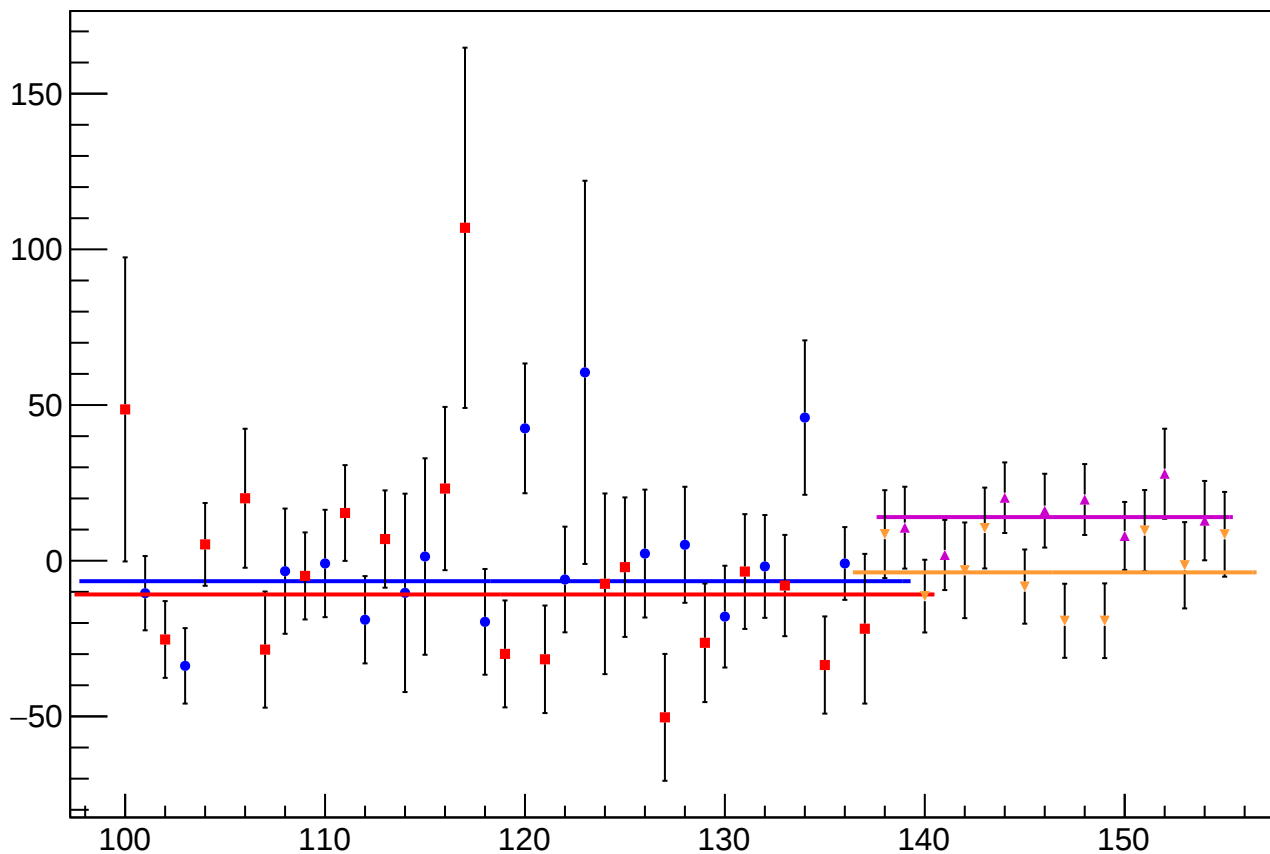
214.267+/-0.043 χ^2/NDF : 1992312.0/26

Right Out: 172.675+/-0.050 χ^2/NDF : 1573459.1/19

179.767+/-0.037 χ^2/NDF : 2722708.9/27

Left In: 189.106+/-0.057 χ^2/NDF : 1101763.2/7

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: -3.744+/-4.079 χ^2/NDF : 7.8/9

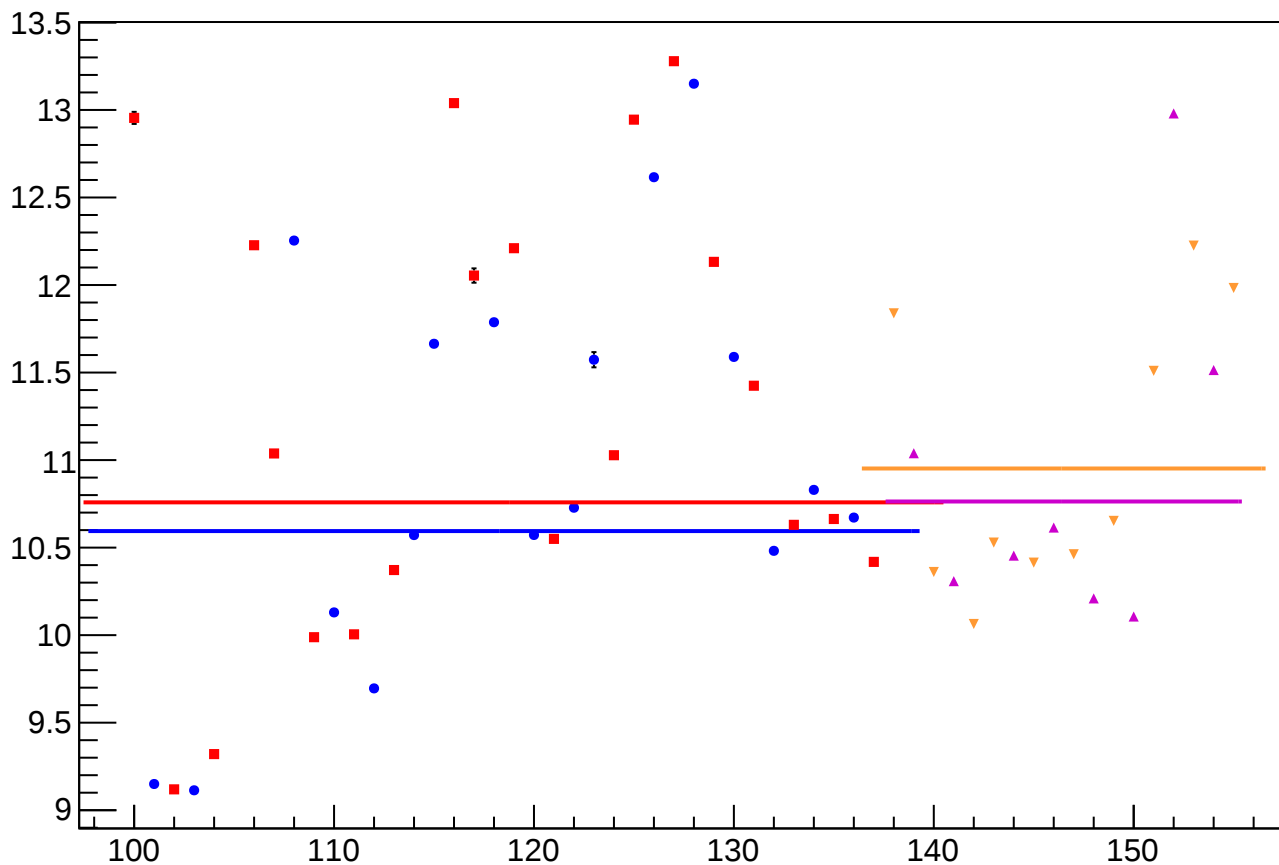
Right Out: -10.838+/-4.070 χ^2/NDF : 27.1/19

Left In: 14.014+/-4.241 χ^2/NDF : 3.1/7

-5.133+/-2.912 χ^2/NDF : 27.4/26

1.076+/-2.936 χ^2/NDF : 48.1/27

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.594 $\pm$ 0.003 χ^2 /NDF: 160059.2/16

Left Out: 10.952 $\pm$ 0.003 χ^2 /NDF:62572.0/9

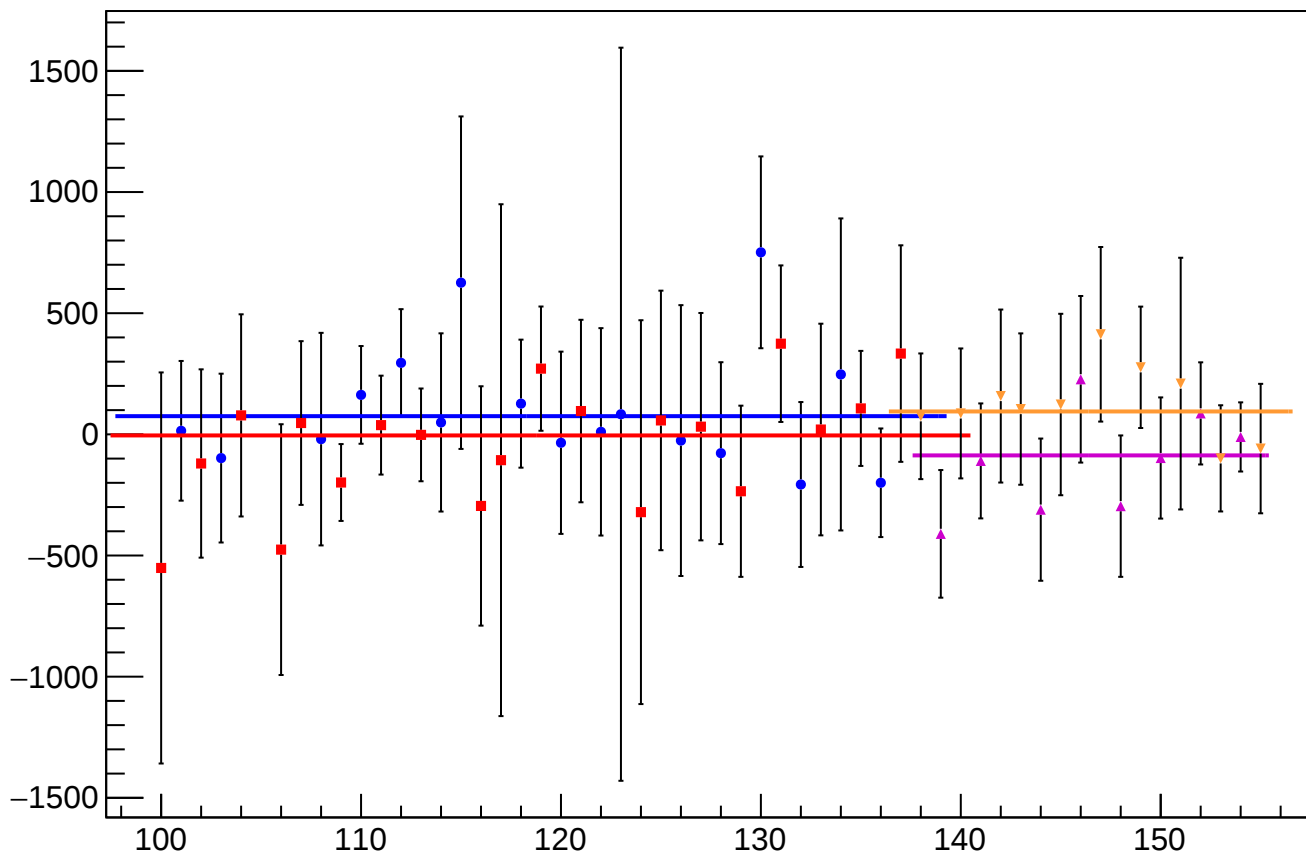
Right Out: 10.758 $\pm$ 0.003 χ^2 /NDF: 178180.9/19

Left In: 10.763 $\pm$ 0.003 χ^2 /NDF:71890.9/7

10.777 $\pm$ 0.002 χ^2 /NDF: 230165.1/26

10.761 $\pm$ 0.002 χ^2 /NDF: 250073.3/27

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: 94.527 $\pm$ 92.768 χ^2 /NDF: 2.5/9

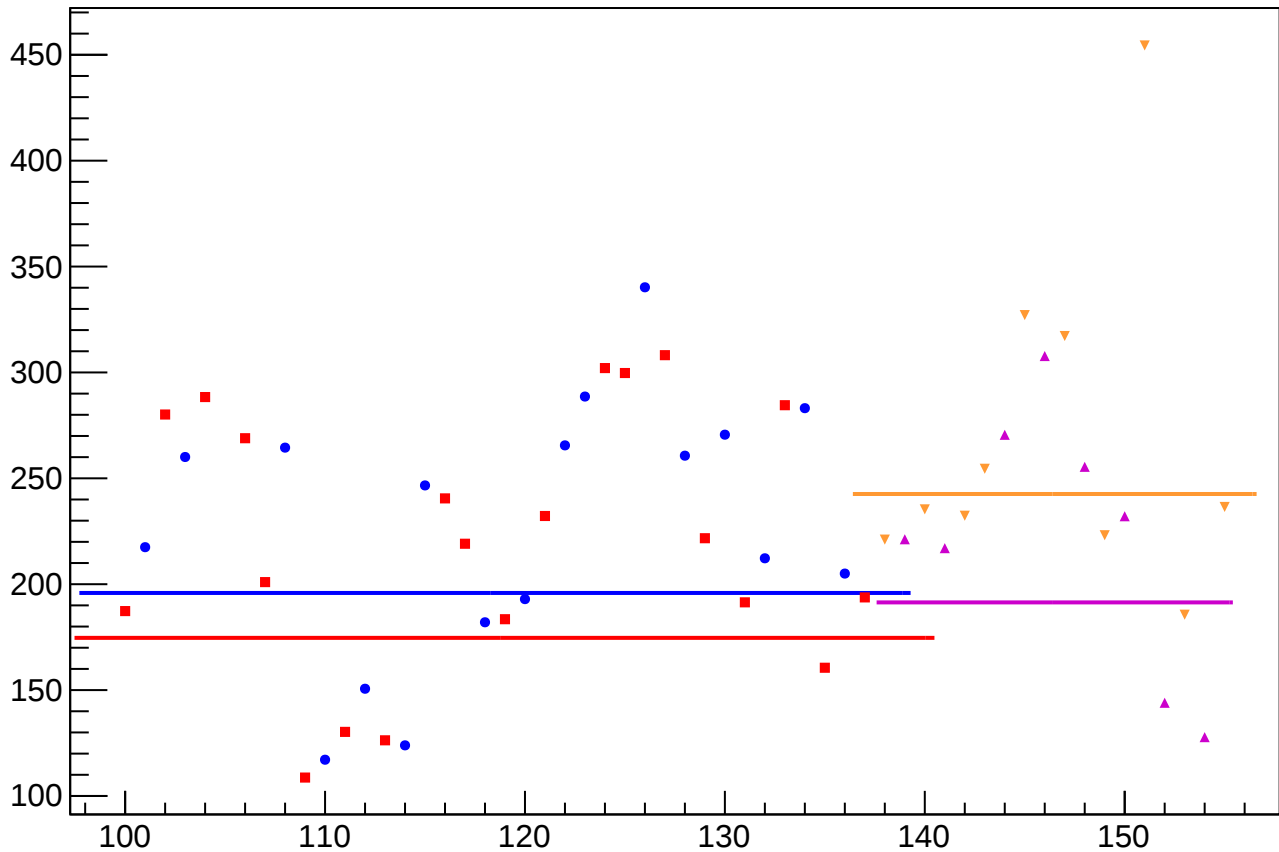
Right Out: -4.459 $\pm$ 70.724 χ^2 /NDF: 7.3/19

Left In: -86.856 $\pm$ 81.213 χ^2 /NDF: 4.4/7

83.419 $\pm$ 60.736 χ^2 /NDF: 10.2/26

-39.996 $\pm$ 53.335 χ^2 /NDF: 12.3/27

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 195.869+/-0.057 χ^2/NDF : 979247.4/16

Left Out: 242.600+/-0.066 χ^2/NDF : 688503.9/9

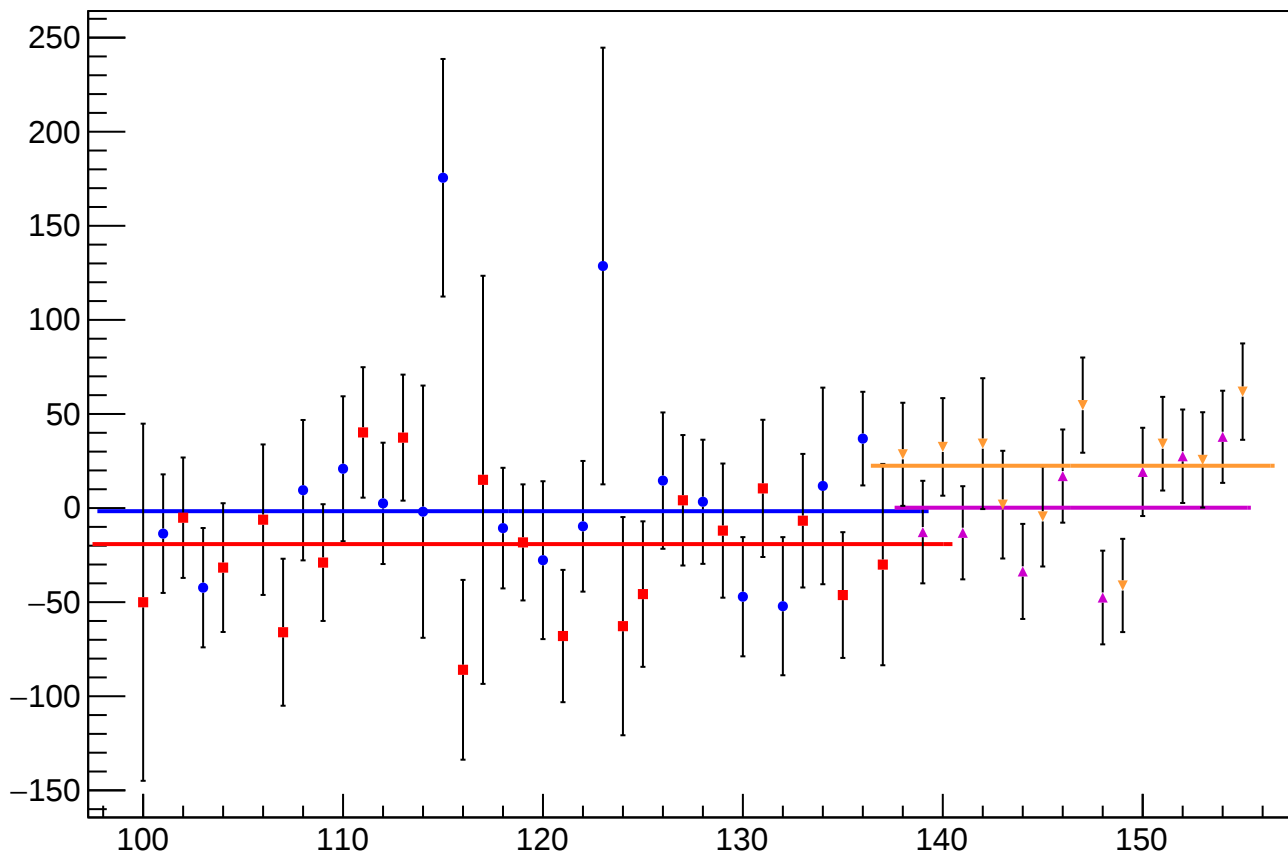
Right Out: 174.665+/-0.050 χ^2/NDF : 1532335.9/19

Left In: 191.407+/-0.057 χ^2/NDF : 1071564.7/7

215.900+/-0.043 χ^2/NDF : 1957723.4/26

181.886+/-0.038 χ^2/NDF : 2652235.7/27

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: 22.491 ± 8.401 χ^2/NDF : 12.7/9

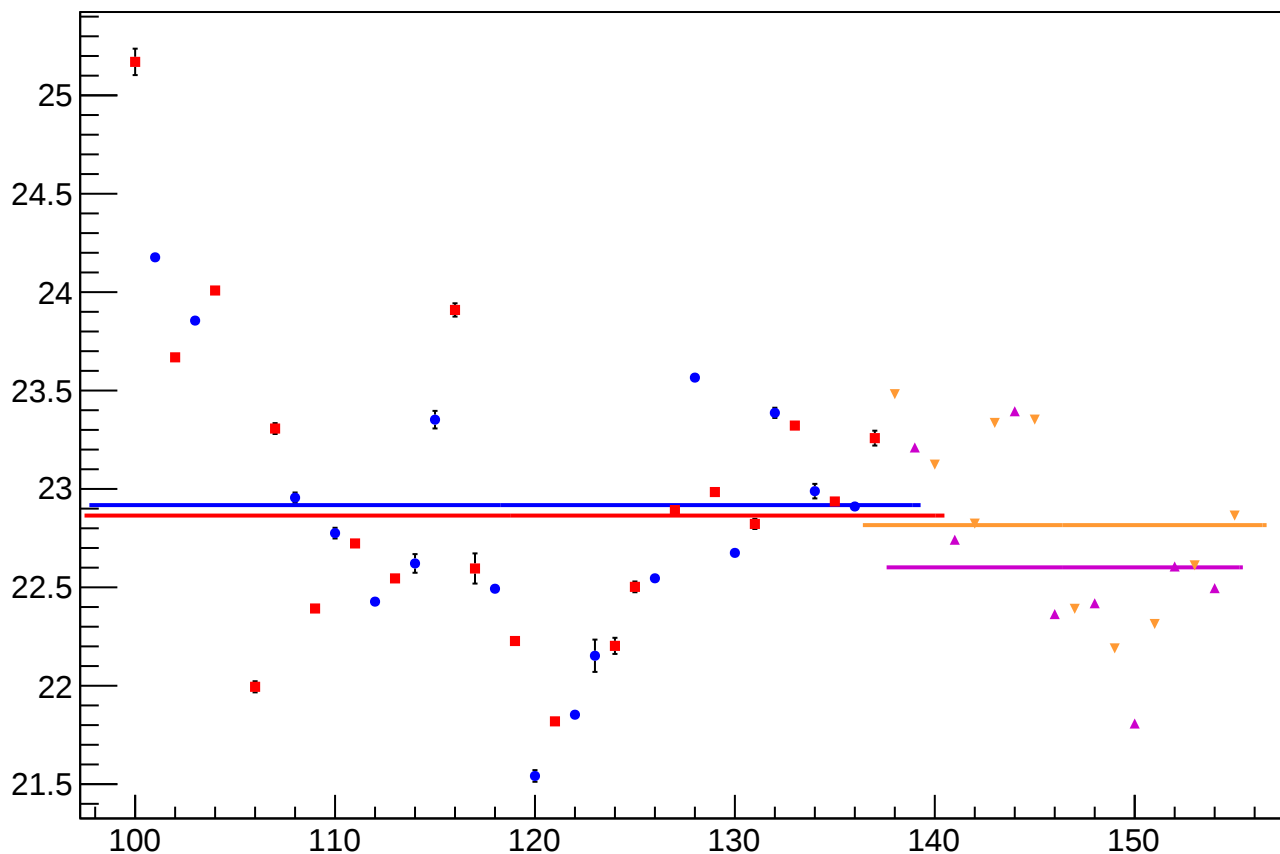
Right Out: -19.145 ± 8.529 χ^2/NDF : 14.9/19

Left In: 0.189 ± 8.805 χ^2/NDF : 10.7/7

11.088 ± 6.103 χ^2/NDF : 35.1/26

-9.785 ± 6.126 χ^2/NDF : 28.0/27

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.918 ± 0.006 $\chi^2/\text{NDF}: 11472.2/16$

Left Out: 22.816 ± 0.006 $\chi^2/\text{NDF}: 5726.2/9$

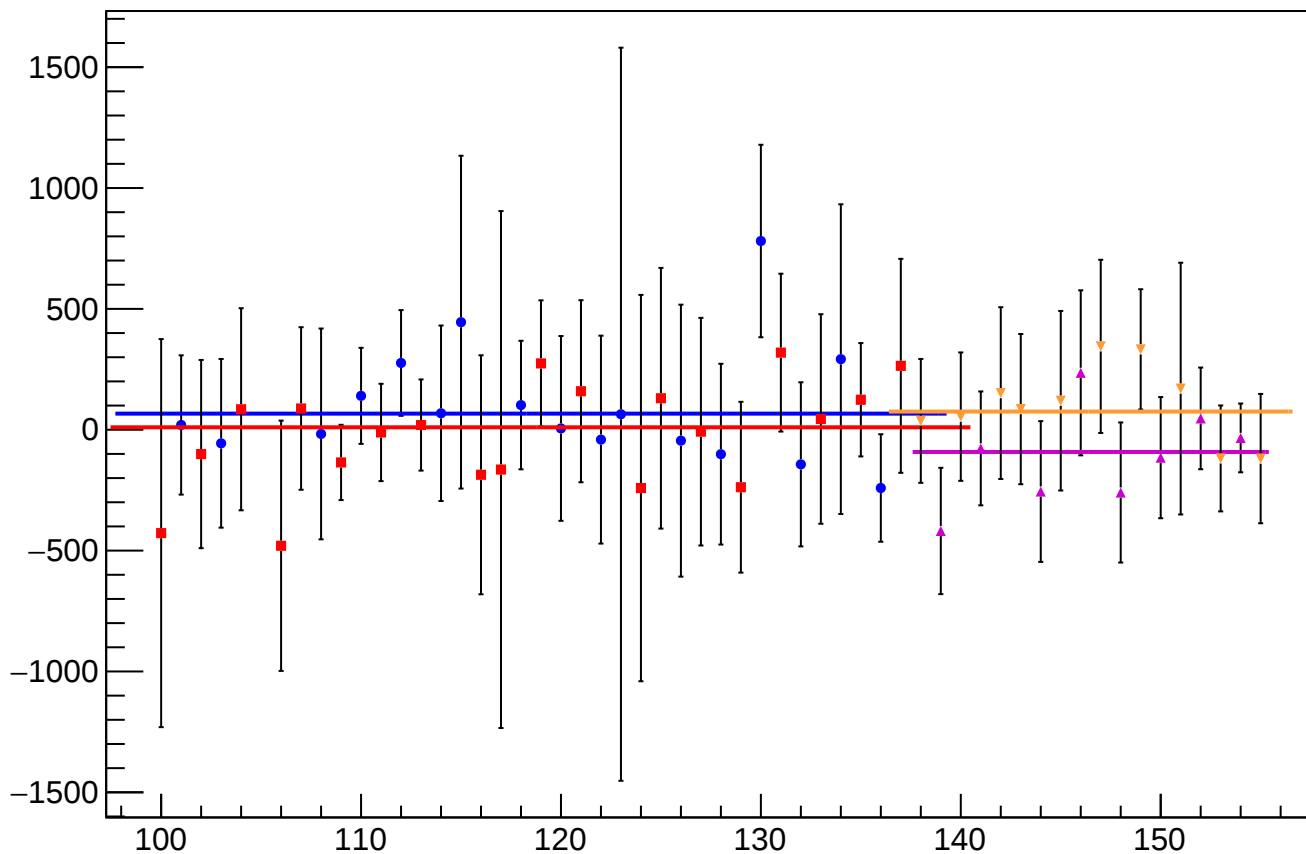
Right Out: 22.865 ± 0.006 $\chi^2/\text{NDF}: 11064.9/19$

Left In: 22.602 ± 0.006 $\chi^2/\text{NDF}: 5654.3/7$

22.864 ± 0.004 $\chi^2/\text{NDF}: 17336.7/26$

22.737 ± 0.004 $\chi^2/\text{NDF}: 17641.0/27$

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 66.701 ± 79.995 $\chi^2/\text{NDF}: 7.5/16$

Left Out: 75.218 ± 92.304 $\chi^2/\text{NDF}: 3.1/9$

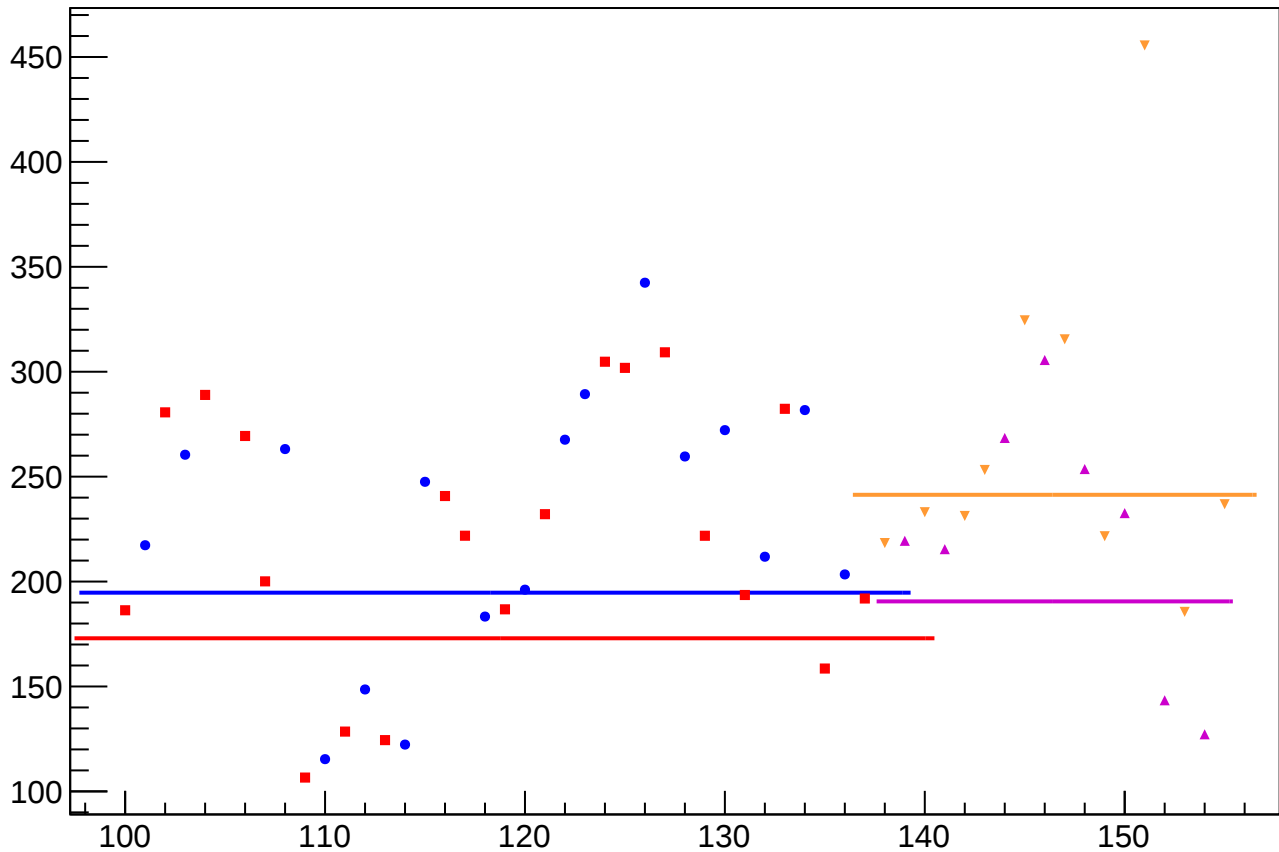
Right Out: 10.113 ± 70.234 $\chi^2/\text{NDF}: 5.7/19$

Left In: -91.934 ± 80.857 $\chi^2/\text{NDF}: 3.8/7$

70.354 ± 60.452 $\chi^2/\text{NDF}: 10.6/26$

-33.771 ± 53.024 $\chi^2/\text{NDF}: 10.4/27$

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: 241.349+/-0.065 χ^2/NDF : 689435.5/9

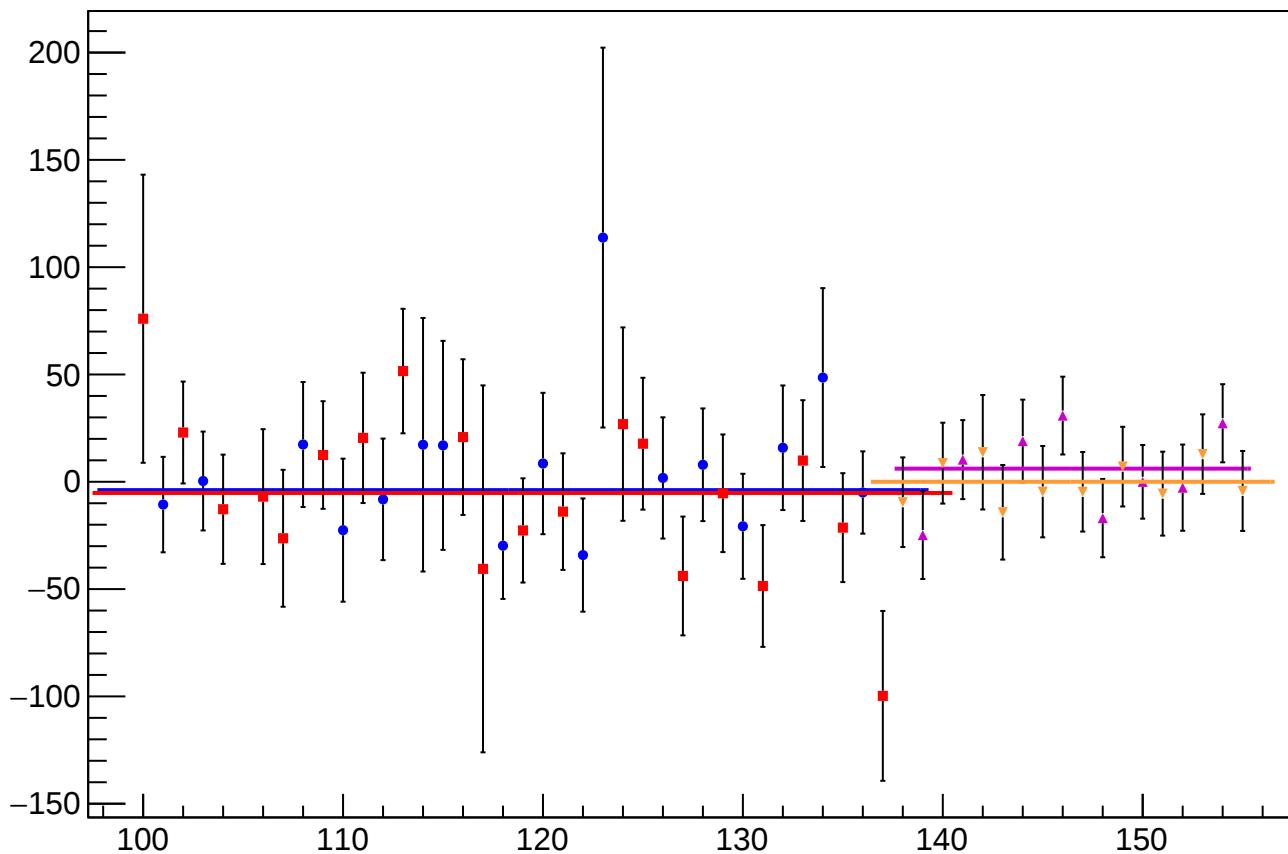
214.710+/-0.043 χ^2/NDF : 2000992.8/26

Right Out: 172.965+/-0.050 χ^2/NDF : 1601142.0/19

180.526+/-0.037 χ^2/NDF : 2720511.7/27

Left In: 190.547+/-0.057 χ^2/NDF : 1065469.9/7

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.894 ± 6.915 $\chi^2/\text{NDF}: 8.4/16$

Left Out: 0.013 ± 6.325 $\chi^2/\text{NDF}: 2.0/9$

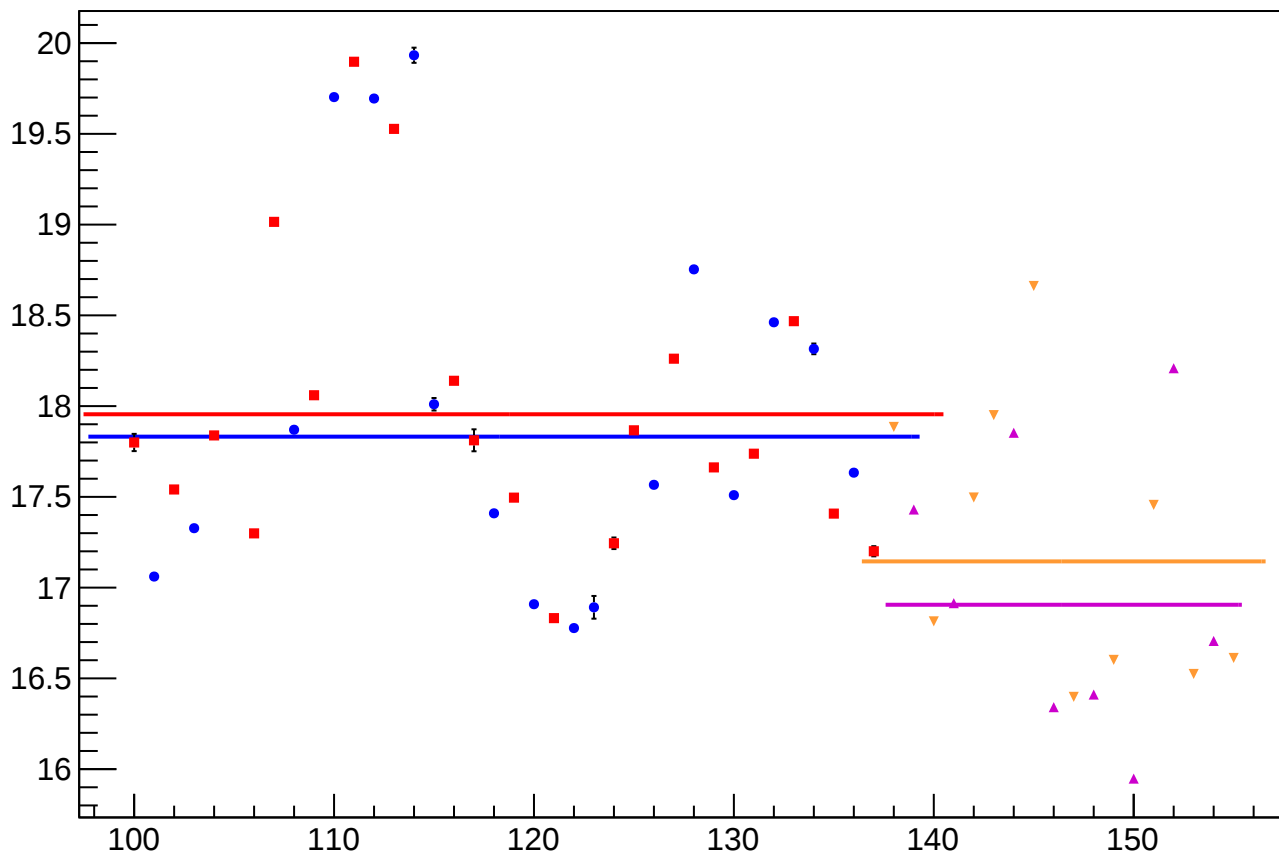
Right Out: -5.204 ± 6.706 $\chi^2/\text{NDF}: 21.5/19$

Left In: 6.130 ± 6.600 $\chi^2/\text{NDF}: 7.9/7$

-1.767 ± 4.667 $\chi^2/\text{NDF}: 10.5/26$

0.553 ± 4.704 $\chi^2/\text{NDF}: 30.9/27$

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.832 ± 0.005 χ^2/NDF : 30863.4/16

Left Out: 17.144 ± 0.004 χ^2/NDF : 25636.9/9

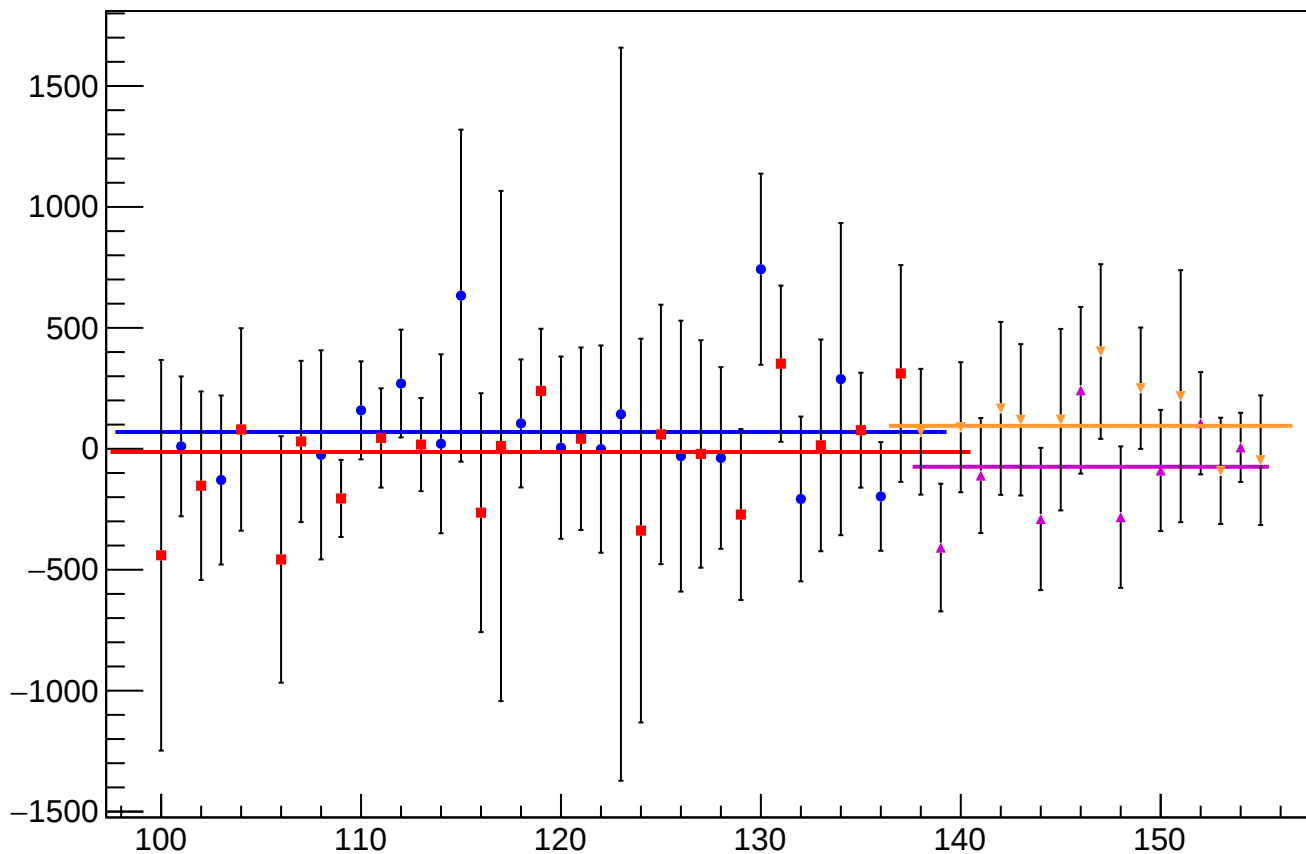
Right Out: 17.955 ± 0.005 χ^2/NDF : 25454.6/19

Left In: 16.906 ± 0.005 χ^2/NDF : 24430.1/7

17.458 ± 0.003 χ^2/NDF : 67256.9/26

17.422 ± 0.003 χ^2/NDF : 74765.4/27

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 69.511+/-80.550 χ^2/NDF : 7.4/16

Left Out: 94.968+/-92.982 χ^2/NDF : 2.2/9

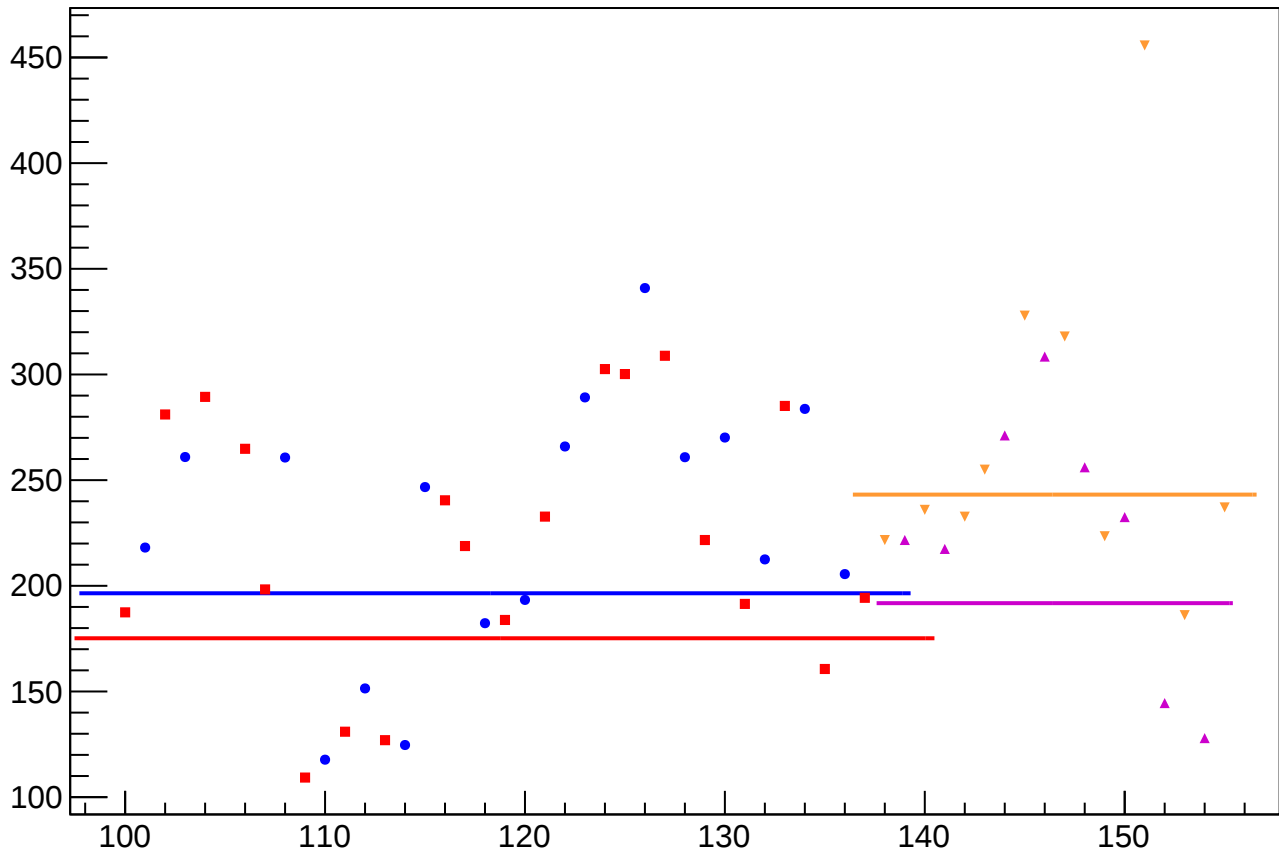
Right Out: -13.298+/-70.881 χ^2/NDF : 6.7/19

Left In: -74.323+/-81.382 χ^2/NDF : 4.6/7

80.425+/-60.882 χ^2/NDF : 9.6/26

-39.621+/-53.450 χ^2/NDF : 11.6/27

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 196.470 ± 0.057 χ^2/NDF : 964281.5/16

Left Out: 243.159 ± 0.066 χ^2/NDF : 688551.3/9

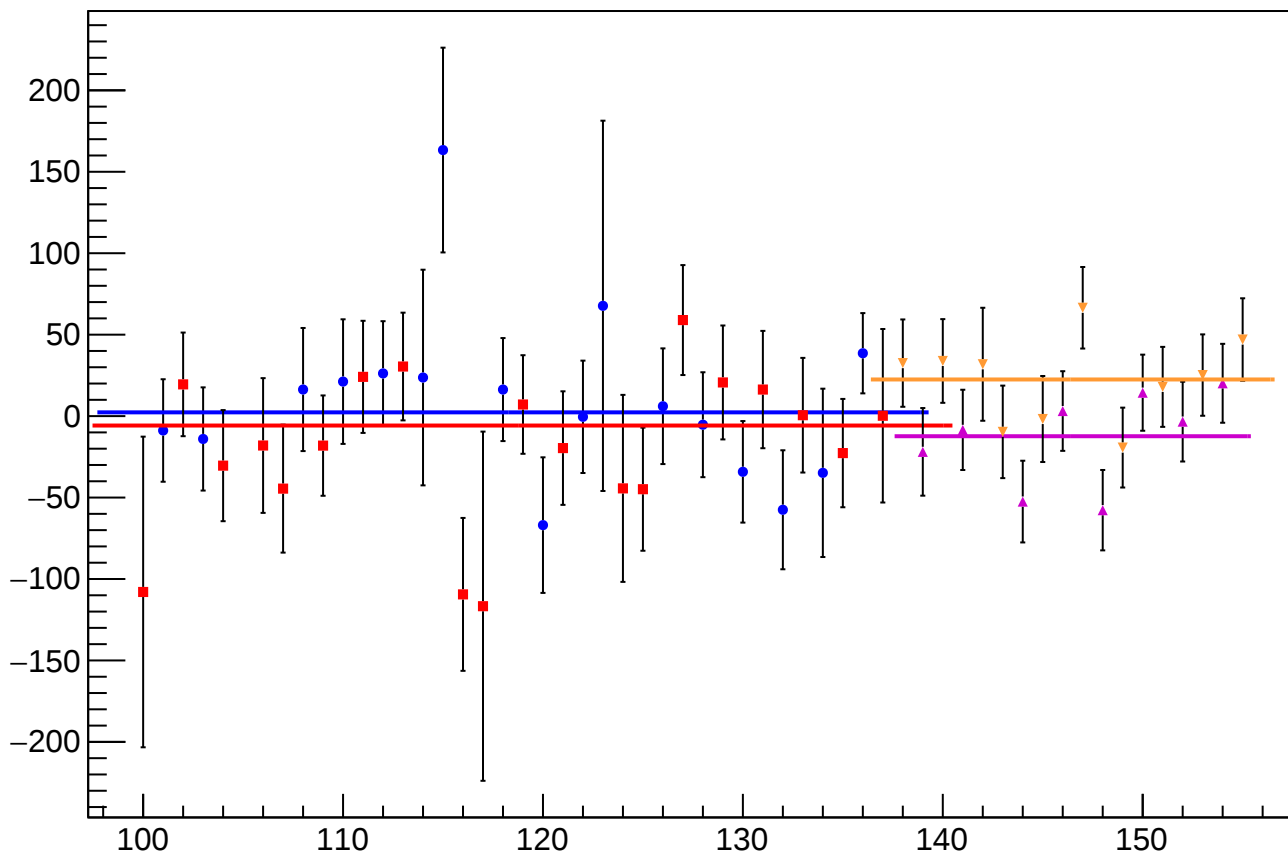
Right Out: 175.179 ± 0.050 χ^2/NDF : 1514541.6/19

Left In: 191.792 ± 0.058 χ^2/NDF : 1072780.0/7

216.487 ± 0.043 χ^2/NDF : 1940903.0/26

182.345 ± 0.038 χ^2/NDF : 2634714.9/27

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: 22.493 ± 8.306 $\chi^2/\text{NDF}: 9.5/9$

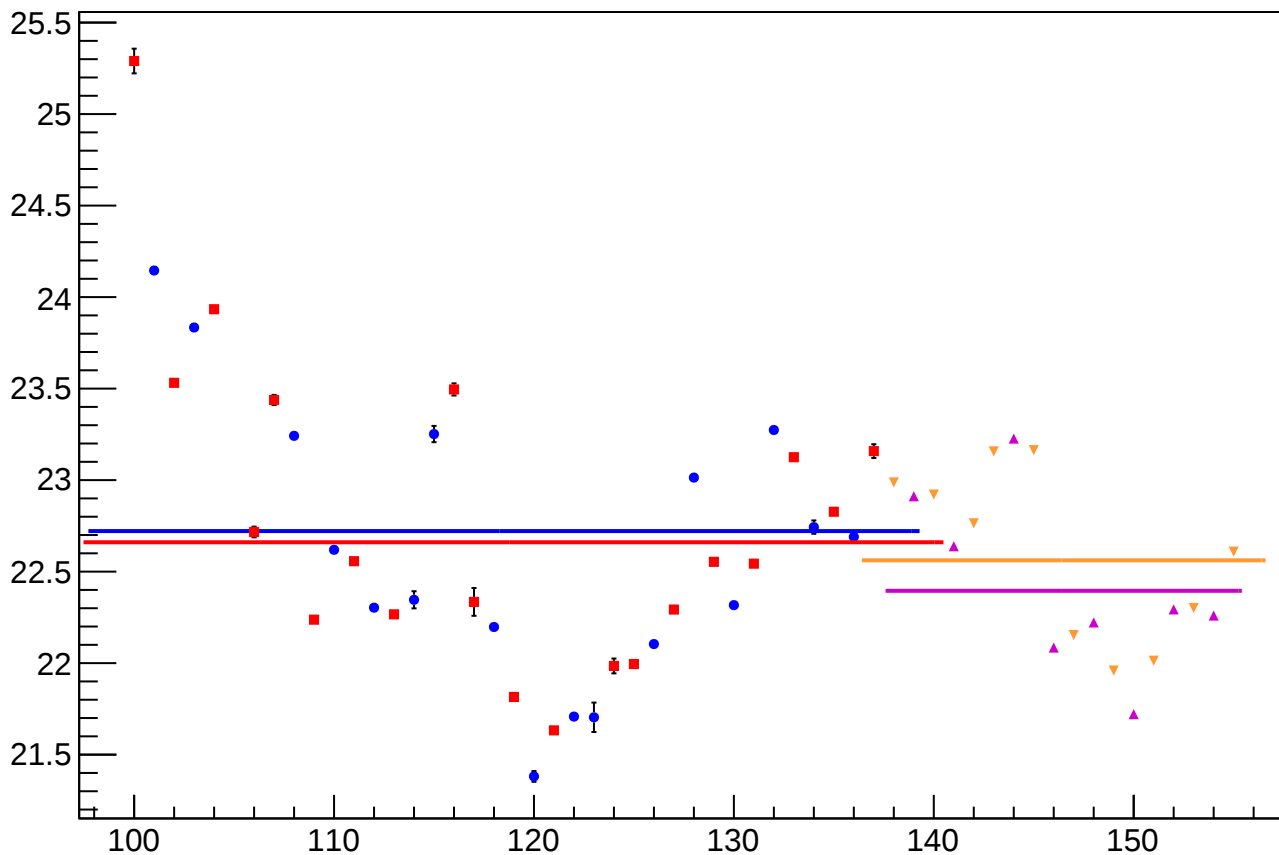
Right Out: -5.783 ± 8.453 $\chi^2/\text{NDF}: 18.2/19$

Left In: -12.347 ± 8.723 $\chi^2/\text{NDF}: 9.7/7$

12.988 ± 6.042 $\chi^2/\text{NDF}: 30.4/26$

-8.961 ± 6.070 $\chi^2/\text{NDF}: 28.3/27$

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: 22.562 $\pm$ 0.006 χ^2 /NDF: 5844.1/9

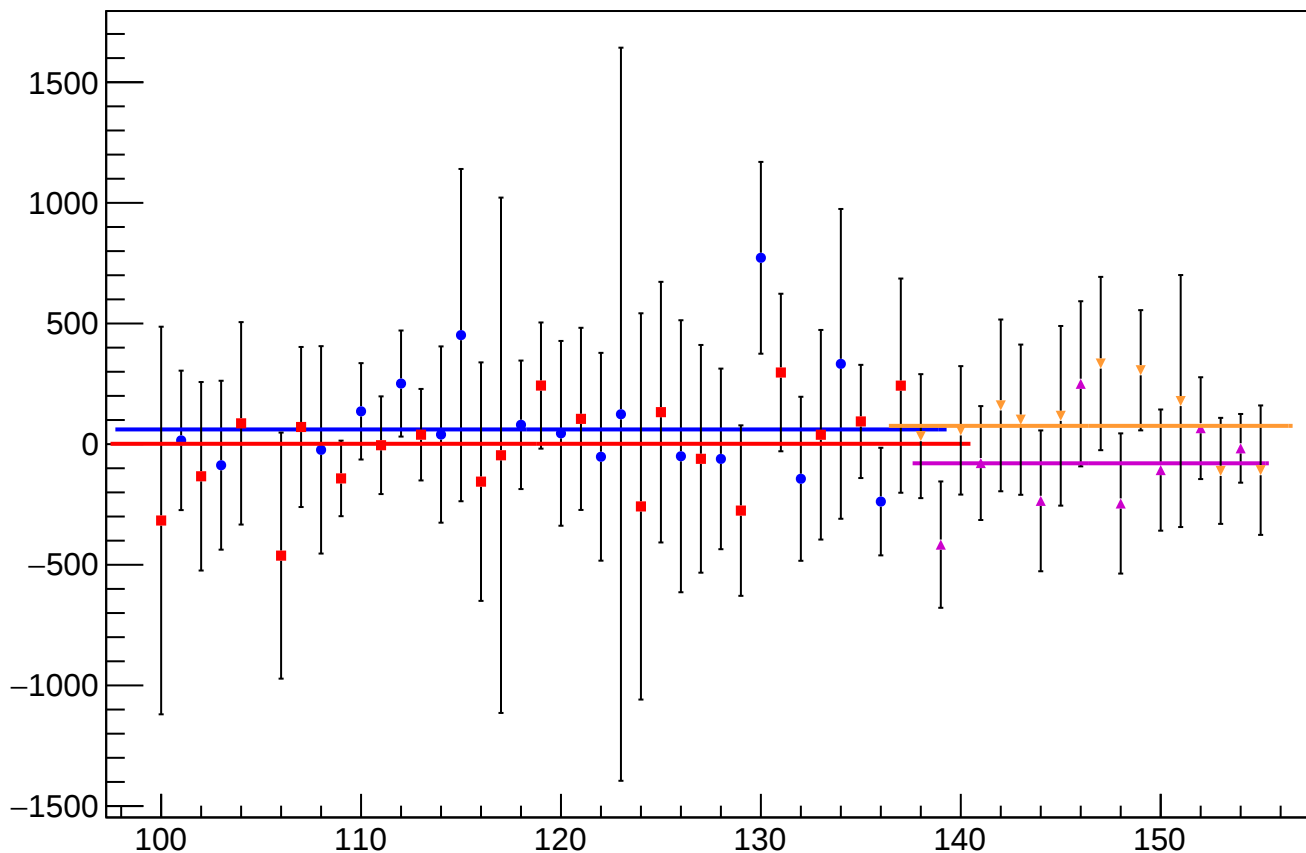
Right Out: 22.660 $\pm$ 0.006 χ^2 /NDF: 12974.2/19

Left In: 22.395 $\pm$ 0.006 χ^2 /NDF: 5314.1/7

22.637 $\pm$ 0.004 χ^2 /NDF: 19773.2/26

22.532 $\pm$ 0.004 χ^2 /NDF: 19241.6/27

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 60.960+/-80.197 χ^2/NDF : 7.2/16

Left Out: 75.781+/-92.517 χ^2/NDF : 2.7/9

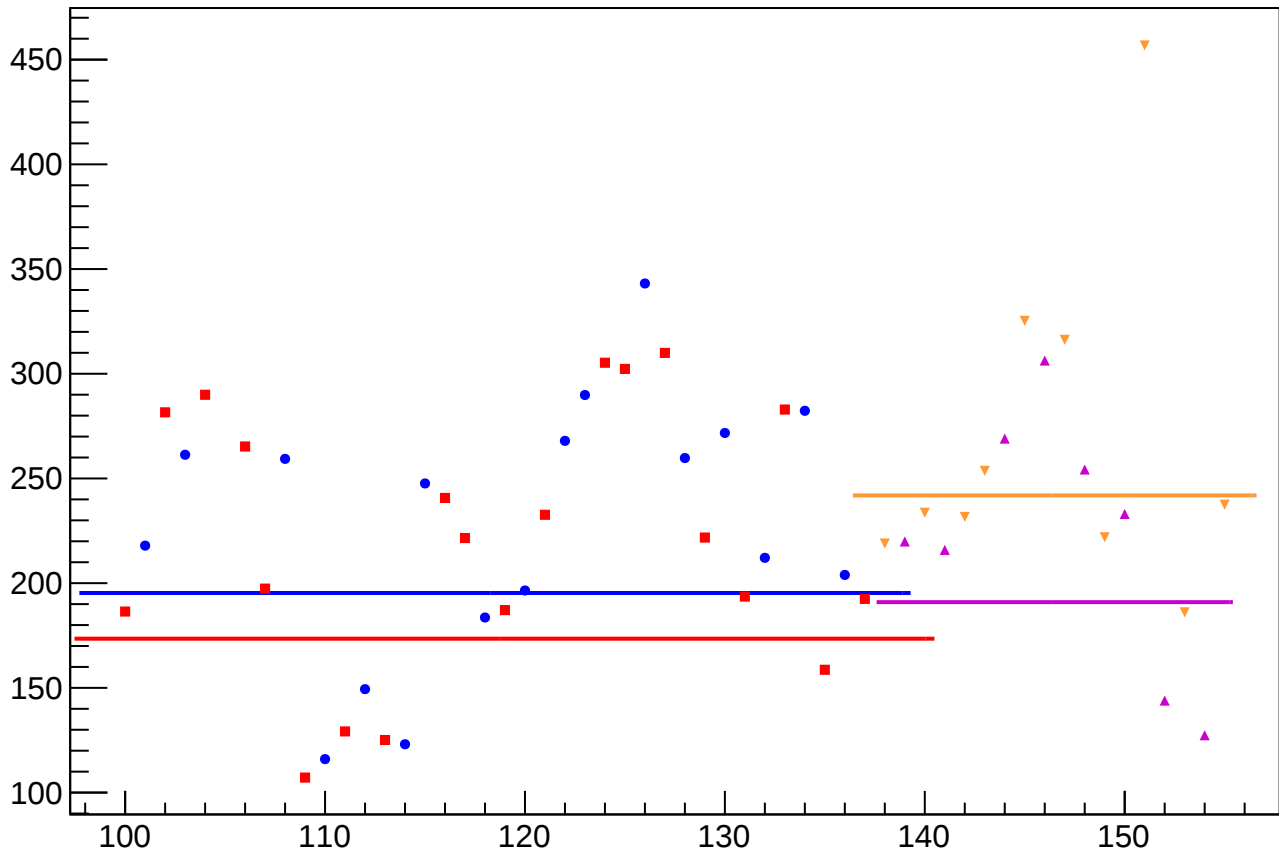
Right Out: 1.439+/-70.395 χ^2/NDF : 5.2/19

Left In: -79.381+/-81.027 χ^2/NDF : 3.9/7

67.319+/-60.599 χ^2/NDF : 9.9/26

-33.324+/-53.141 χ^2/NDF : 9.6/27

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.316 $\pm$ 0.057 χ^2 /NDF: 1004211.5/16

Left Out: 241.906 $\pm$ 0.065 χ^2 /NDF: 689528.6/9

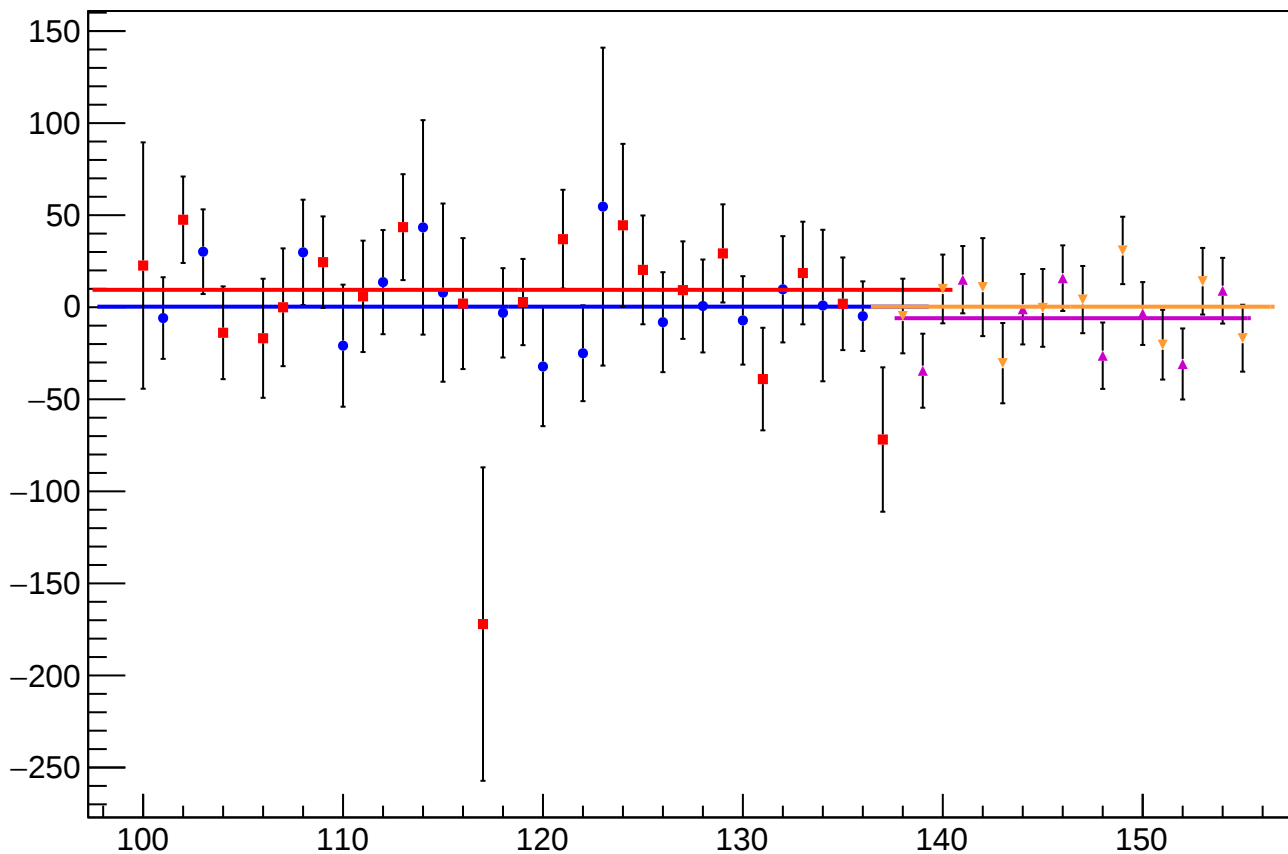
215.304 $\pm$ 0.043 χ^2 /NDF: 1983331.3/26

Right Out: 173.495 $\pm$ 0.050 χ^2 /NDF: 1582449.6/19

180.996 $\pm$ 0.038 χ^2 /NDF: 2701943.8/27

Left In: 190.935 $\pm$ 0.057 χ^2 /NDF: 1066692.2/7

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.305 ± 6.812 $\chi^2/\text{NDF}: 6.8/16$

Left Out: 0.296 ± 6.213 $\chi^2/\text{NDF}: 8.0/9$

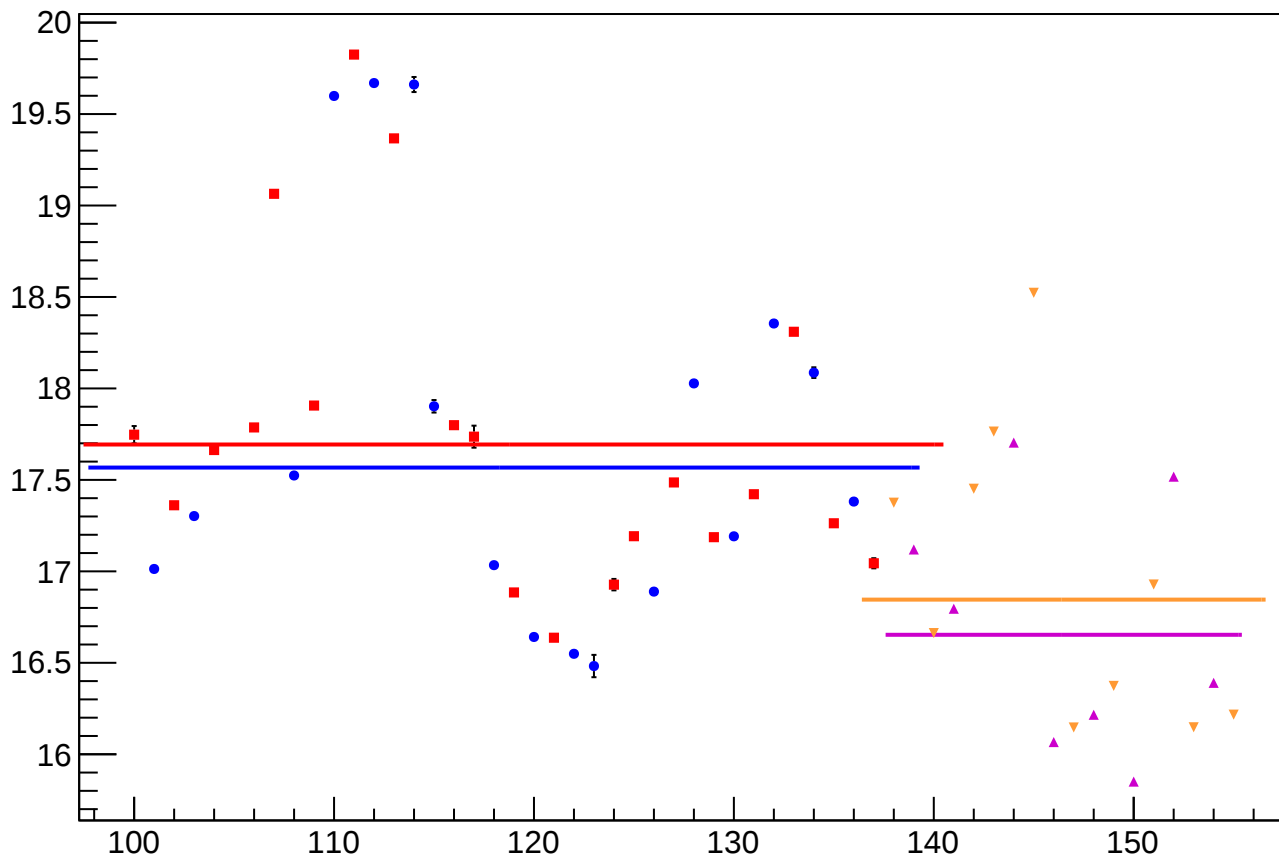
Right Out: 9.452 ± 6.608 $\chi^2/\text{NDF}: 20.6/19$

Left In: -5.959 ± 6.498 $\chi^2/\text{NDF}: 8.5/7$

0.300 ± 4.591 $\chi^2/\text{NDF}: 14.7/26$

1.617 ± 4.633 $\chi^2/\text{NDF}: 31.9/27$

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: 16.845 $\pm$ 0.004 χ^2 /NDF: 28413.3/9

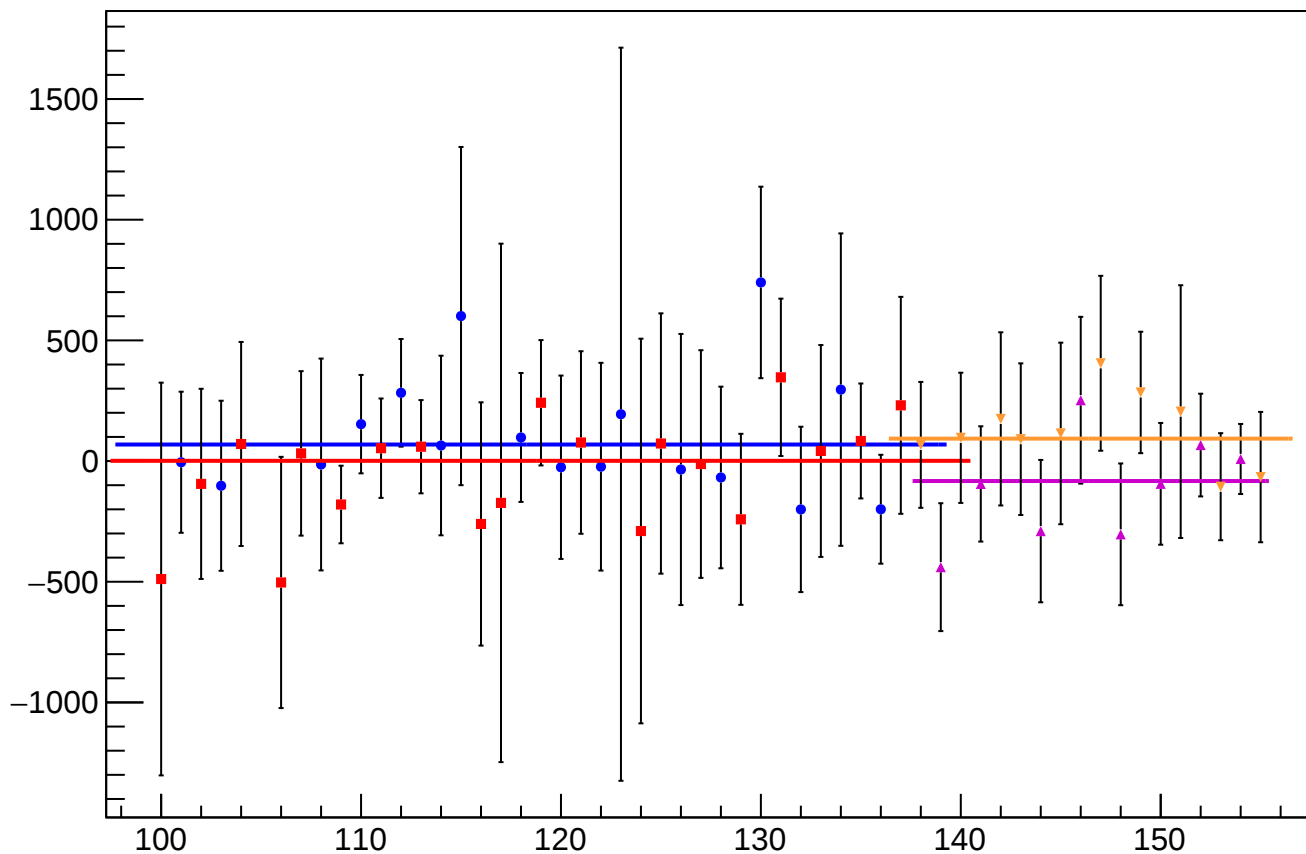
Right Out: 17.693 $\pm$ 0.005 χ^2 /NDF: 30767.6/19

Left In: 16.653 $\pm$ 0.005 χ^2 /NDF: 19445.4/7

17.173 $\pm$ 0.003 χ^2 /NDF: 73819.9/26

17.165 $\pm$ 0.003 χ^2 /NDF: 75414.3/27

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: 93.020 $\pm$ 93.439 χ^2/NDF : 2.6/9

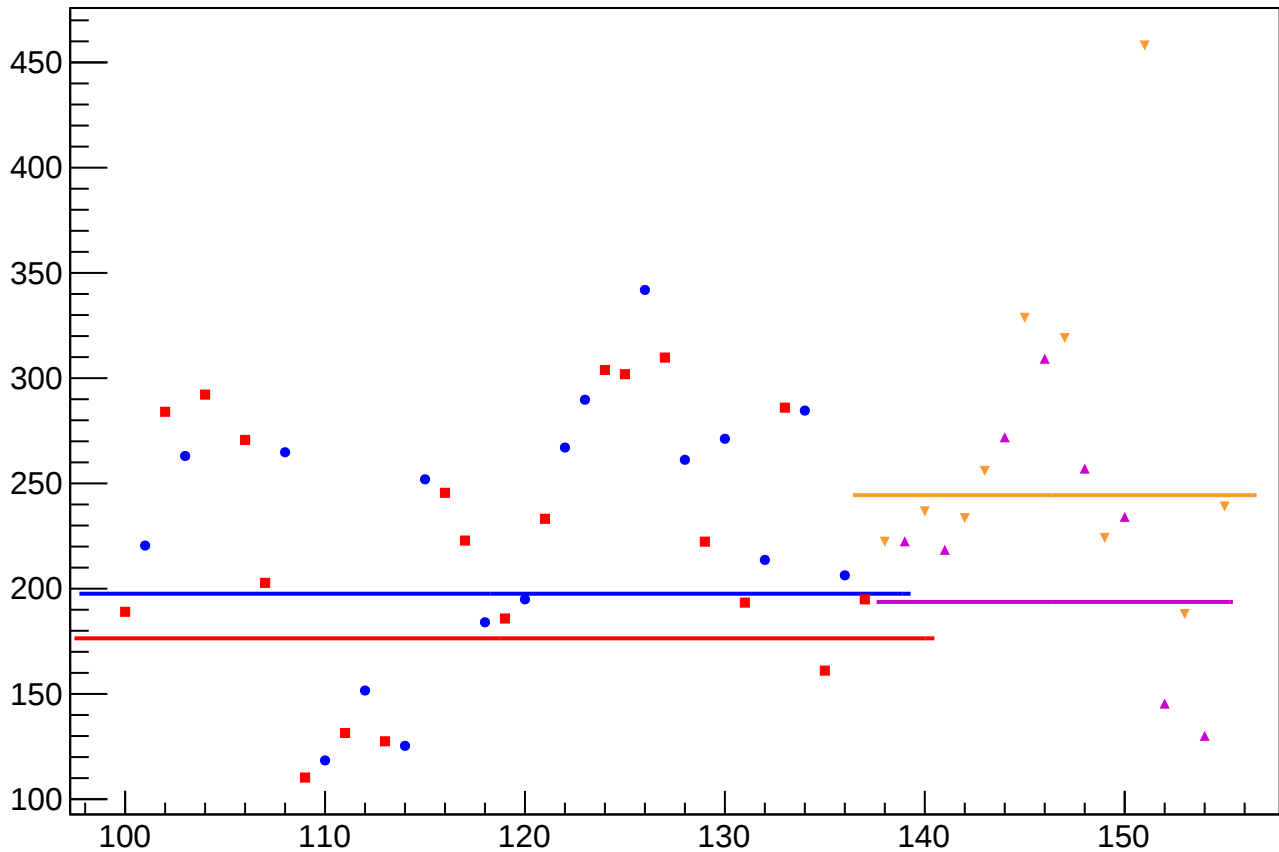
Right Out: 1.057 $\pm$ 71.380 χ^2/NDF : 6.1/19

Left In: -82.683 $\pm$ 82.063 χ^2/NDF : 4.7/7

79.054 $\pm$ 61.212 χ^2/NDF : 9.9/26

-35.011 $\pm$ 53.857 χ^2/NDF : 11.4/27

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.603 $\pm$ 0.057 χ^2 /NDF: 968827.8/16

Left Out: 244.431 $\pm$ 0.066 χ^2 /NDF: 682209.1/9

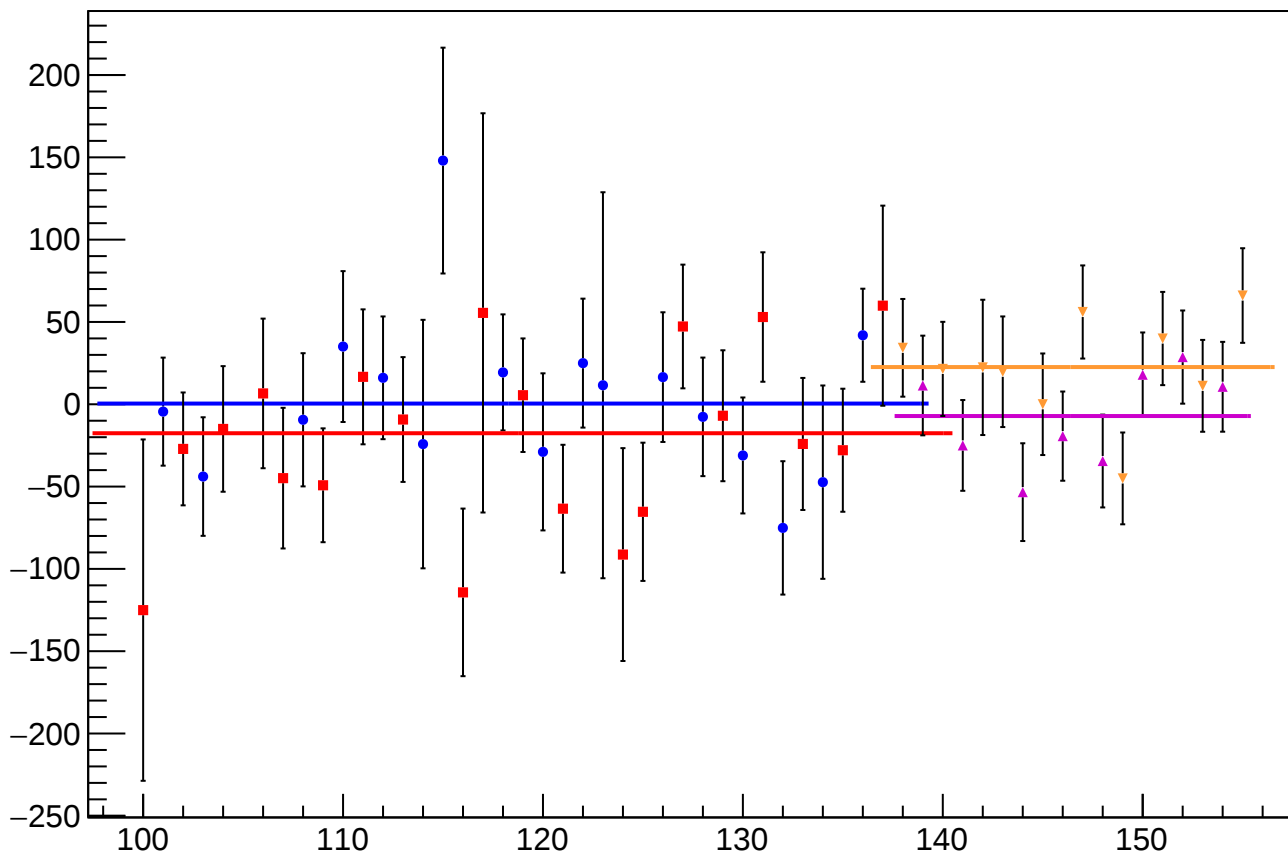
217.700 $\pm$ 0.043 χ^2 /NDF: 1937774.5/26

Right Out: 176.407 $\pm$ 0.050 χ^2 /NDF: 1523589.5/19

183.853 $\pm$ 0.038 χ^2 /NDF: 2615289.2/27

Left In: 193.695 $\pm$ 0.058 χ^2 /NDF: 1041168.7/7

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 0.427 $\pm$ 9.884 χ^2/NDF : 15.5/16

Left Out: 22.599 $\pm$ 9.464 χ^2/NDF : 10.8/9

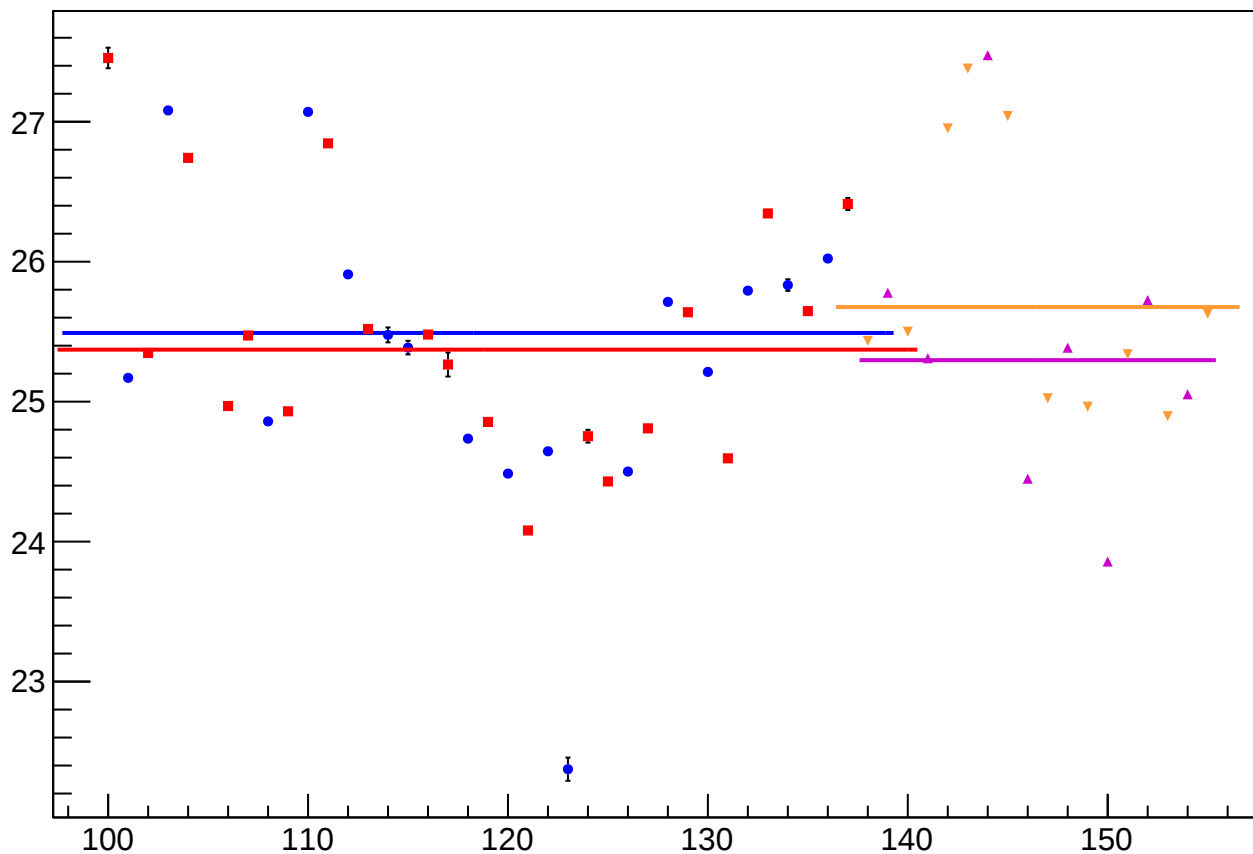
Right Out: -17.595 $\pm$ 9.470 χ^2/NDF : 19.8/19

Left In: -7.149 $\pm$ 9.868 χ^2/NDF : 7.3/7

11.994 $\pm$ 6.836 χ^2/NDF : 28.9/26

-12.587 $\pm$ 6.833 χ^2/NDF : 27.8/27

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.491 $\pm$ 0.007 χ^2 /NDF: 13713.0/16

Left Out: 25.676 $\pm$ 0.007 χ^2 /NDF:15413.3/9

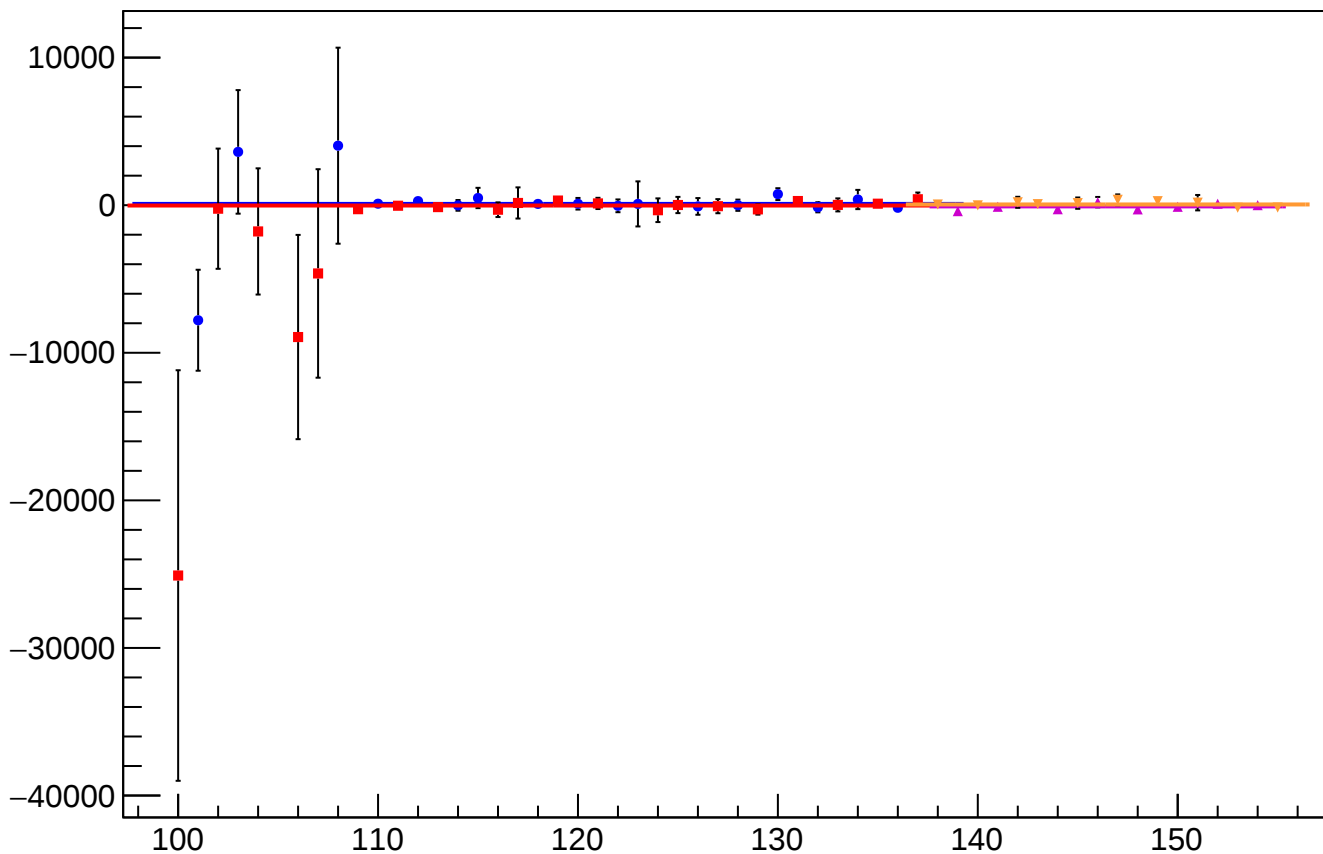
Right Out: 25.372 $\pm$ 0.007 χ^2 /NDF: 13552.0/19

Left In: 25.296 $\pm$ 0.007 χ^2 /NDF:20151.5/7

25.587 $\pm$ 0.005 χ^2 /NDF: 29491.8/26

25.335 $\pm$ 0.005 χ^2 /NDF: 33764.1/27

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: 49.555+/-95.132 χ^2/NDF : 3.3/9

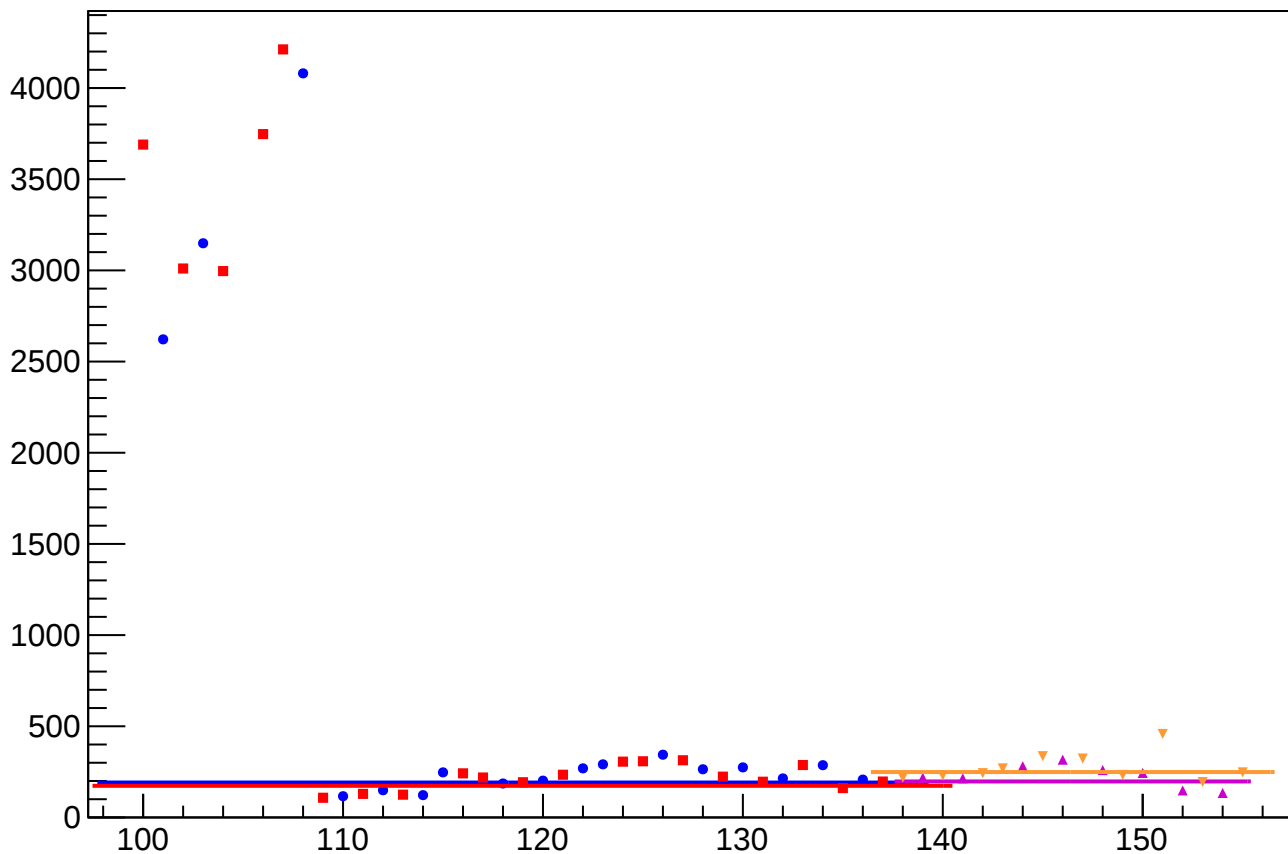
Right Out: -22.332+/-80.711 χ^2/NDF : 11.9/19

Left In: -81.863+/-83.496 χ^2/NDF : 4.1/7

69.407+/-64.767 χ^2/NDF : 15.8/26

-51.088+/-58.031 χ^2/NDF : 16.3/27

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: 249.032+/-0.067 χ^2/NDF : 672813.9/9

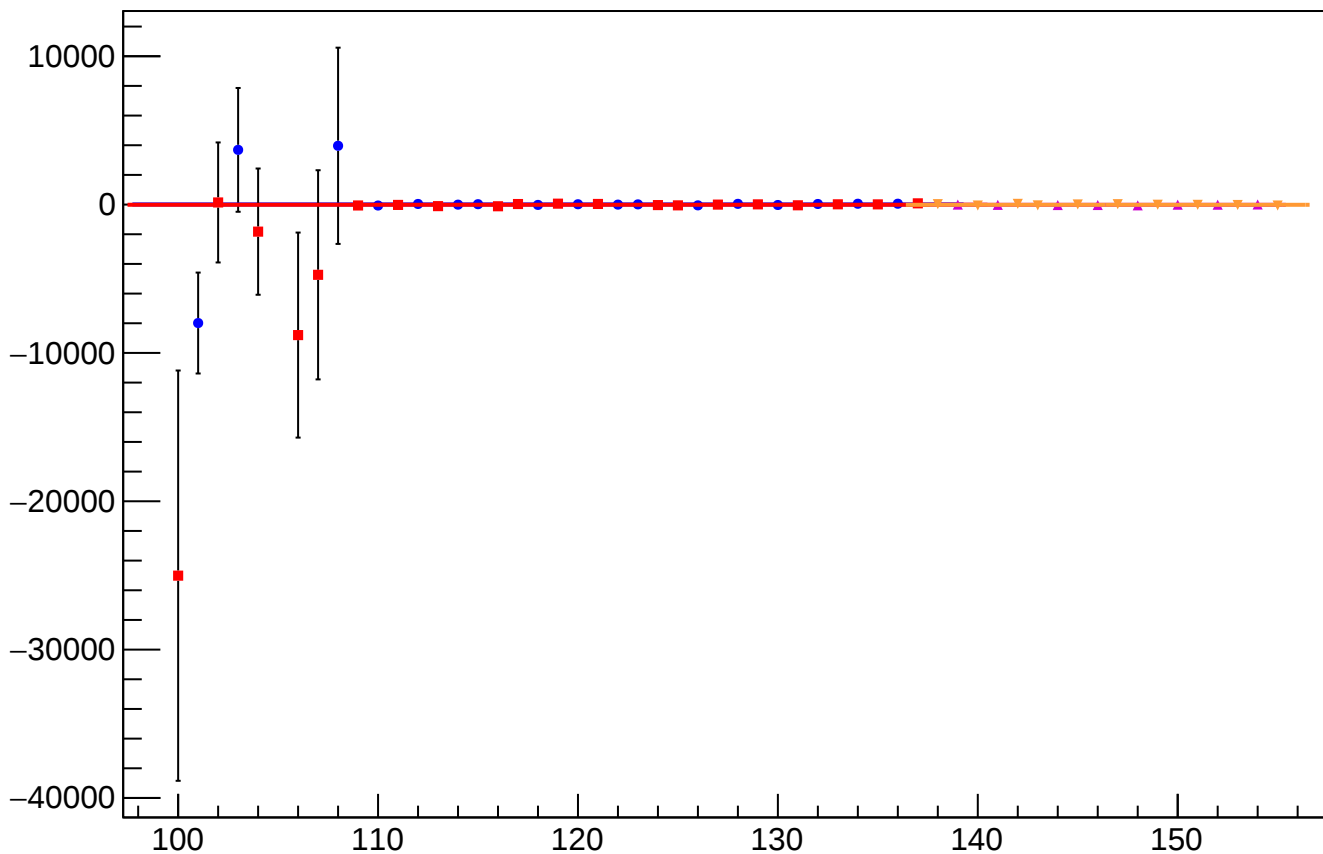
Right Out: 173.565+/-0.057 χ^2/NDF : 4211161.0/19

Left In: 197.433+/-0.059 χ^2/NDF : 1011620.2/7

218.154+/-0.046 χ^2/NDF : 4638693.7/26

185.094+/-0.041 χ^2/NDF : 5307265.9/27

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: 10.286+/-12.282 χ^2/NDF : 18.4/16

Left Out: -14.869+/-11.076 χ^2/NDF : 10.6/9

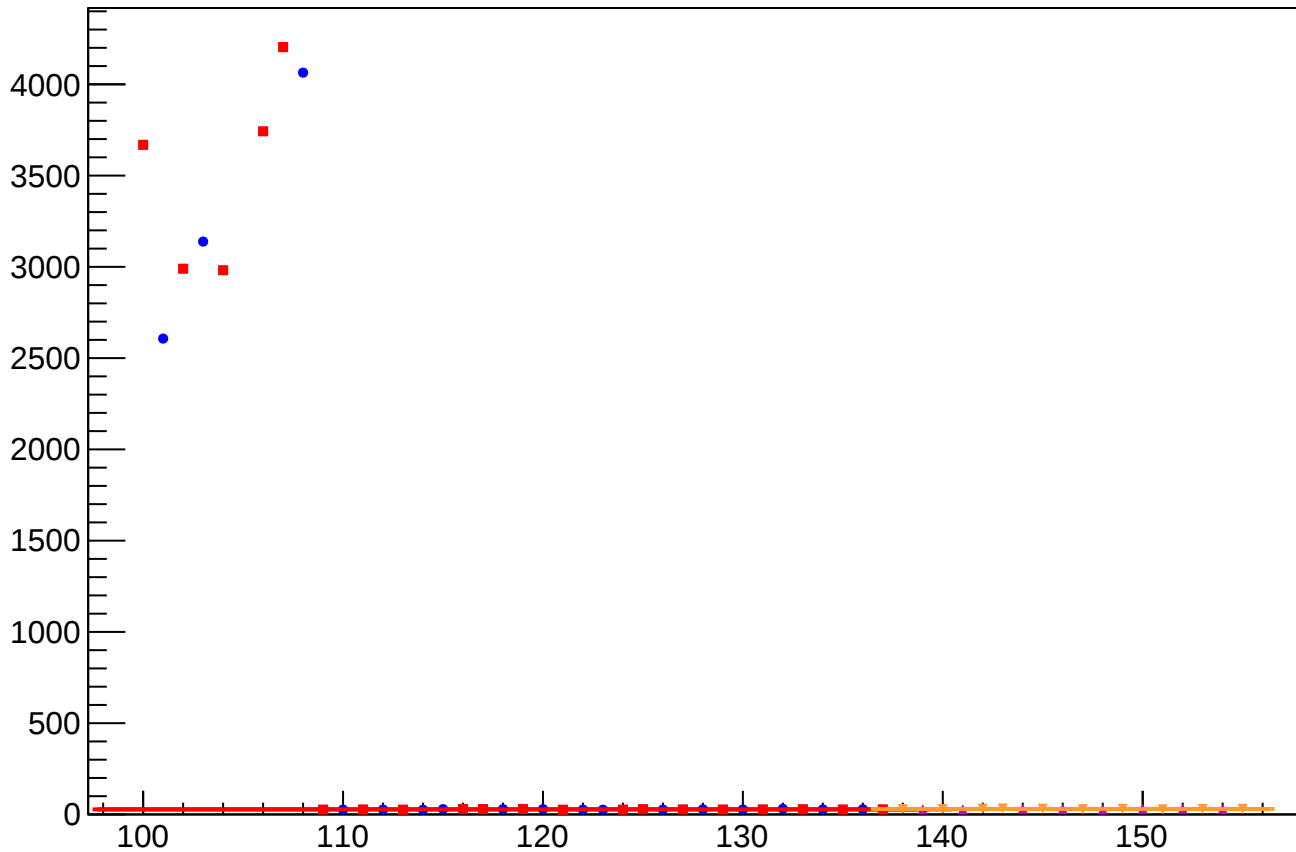
Right Out: -12.296+/-12.186 χ^2/NDF : 24.9/19

Left In: -17.517+/-11.758 χ^2/NDF : 2.5/7

-3.588+/-8.225 χ^2/NDF : 31.3/26

-15.000+/-8.461 χ^2/NDF : 27.5/27

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: 30.001+/-0.008 χ^2/NDF :30582.4/9

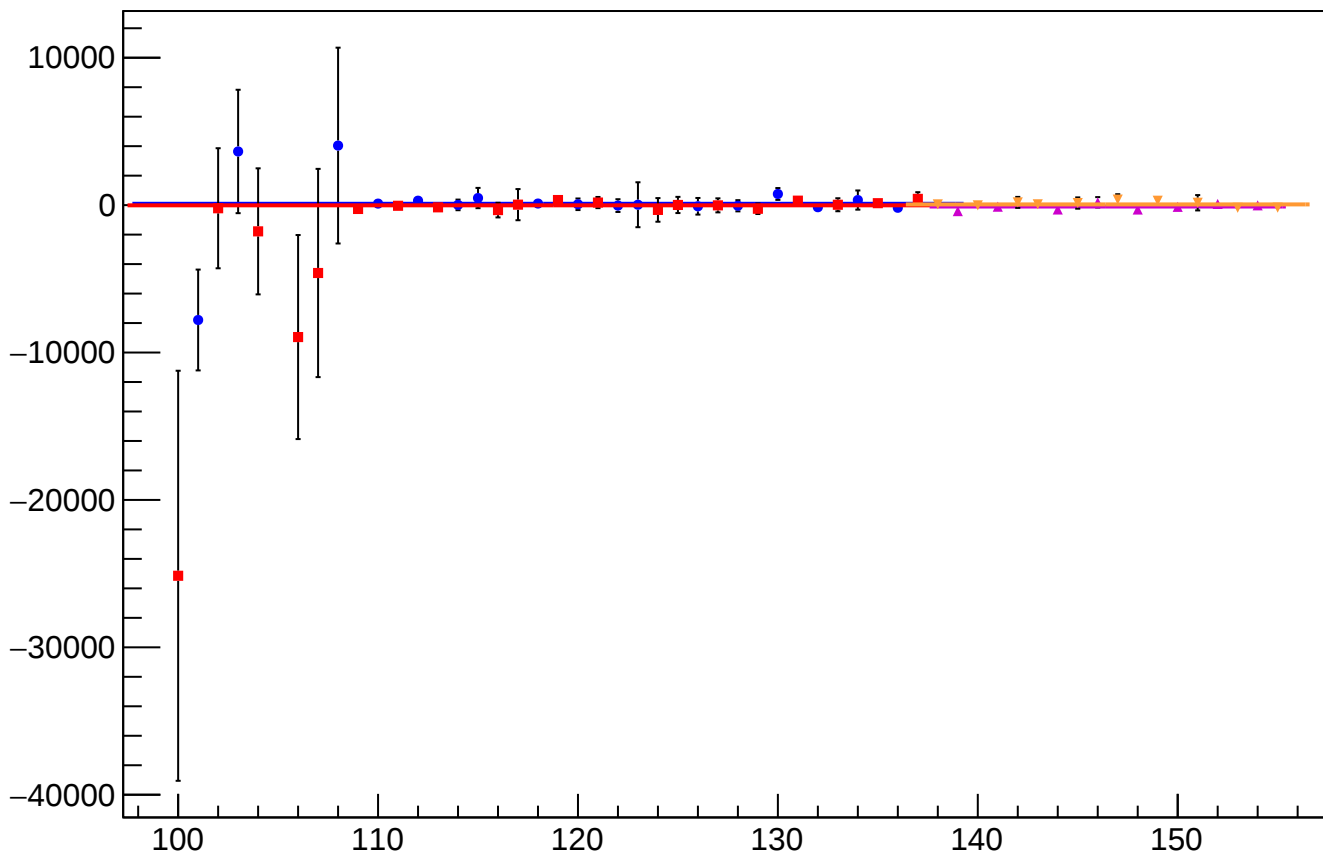
29.038+/-0.006 χ^2/NDF : 3091933.7/26

Right Out: 27.707+/-0.009 χ^2/NDF : 3477132.0/19

28.930+/-0.006 χ^2/NDF : 3546017.1/27

Left In: 30.067+/-0.008 χ^2/NDF :30036.5/7

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: 48.979+/-94.918 χ^2/NDF : 3.6/9

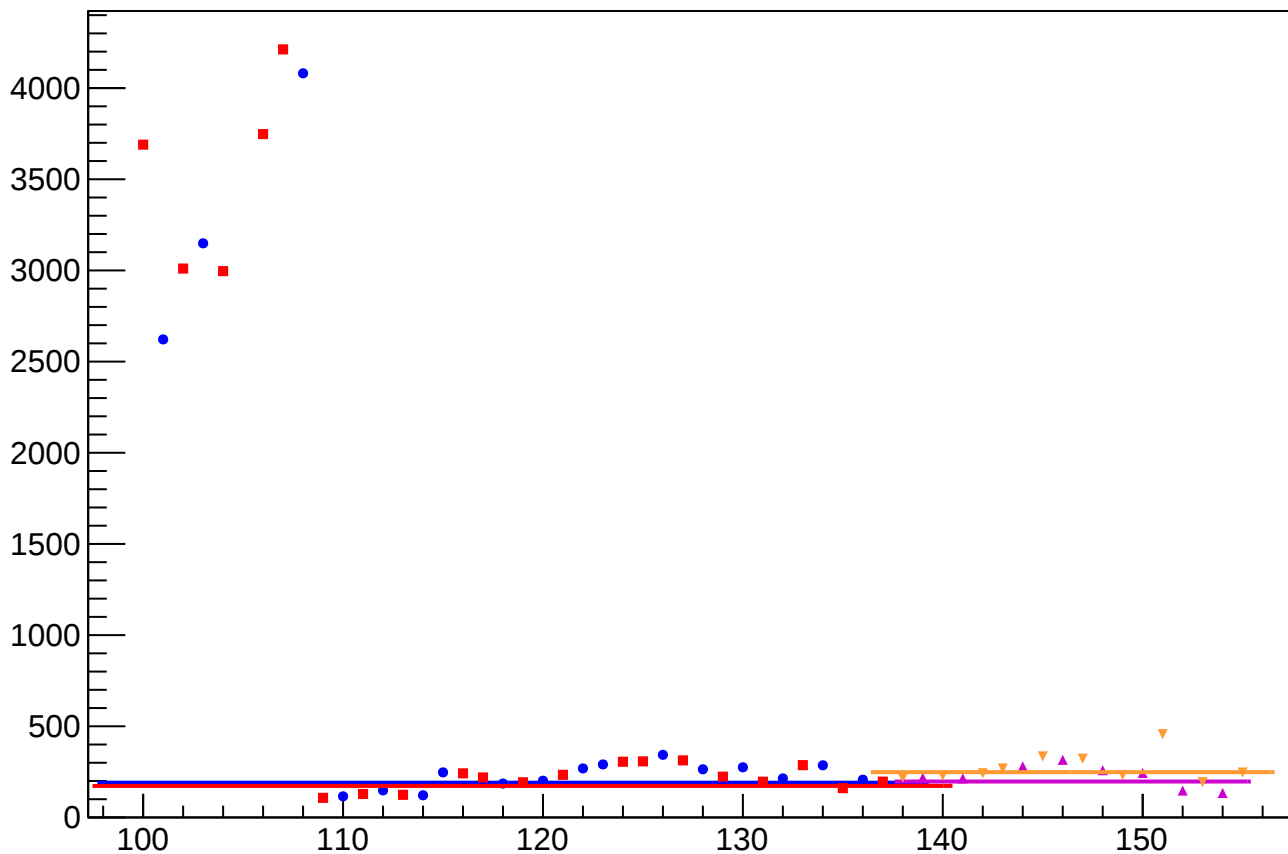
Right Out: -13.075+/-80.452 χ^2/NDF : 12.7/19

Left In: -94.318+/-83.325 χ^2/NDF : 4.0/7

71.419+/-64.591 χ^2/NDF : 16.5/26

-52.272+/-57.877 χ^2/NDF : 17.1/27

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: 248.469+/-0.067 χ^2/NDF : 672893.5/9

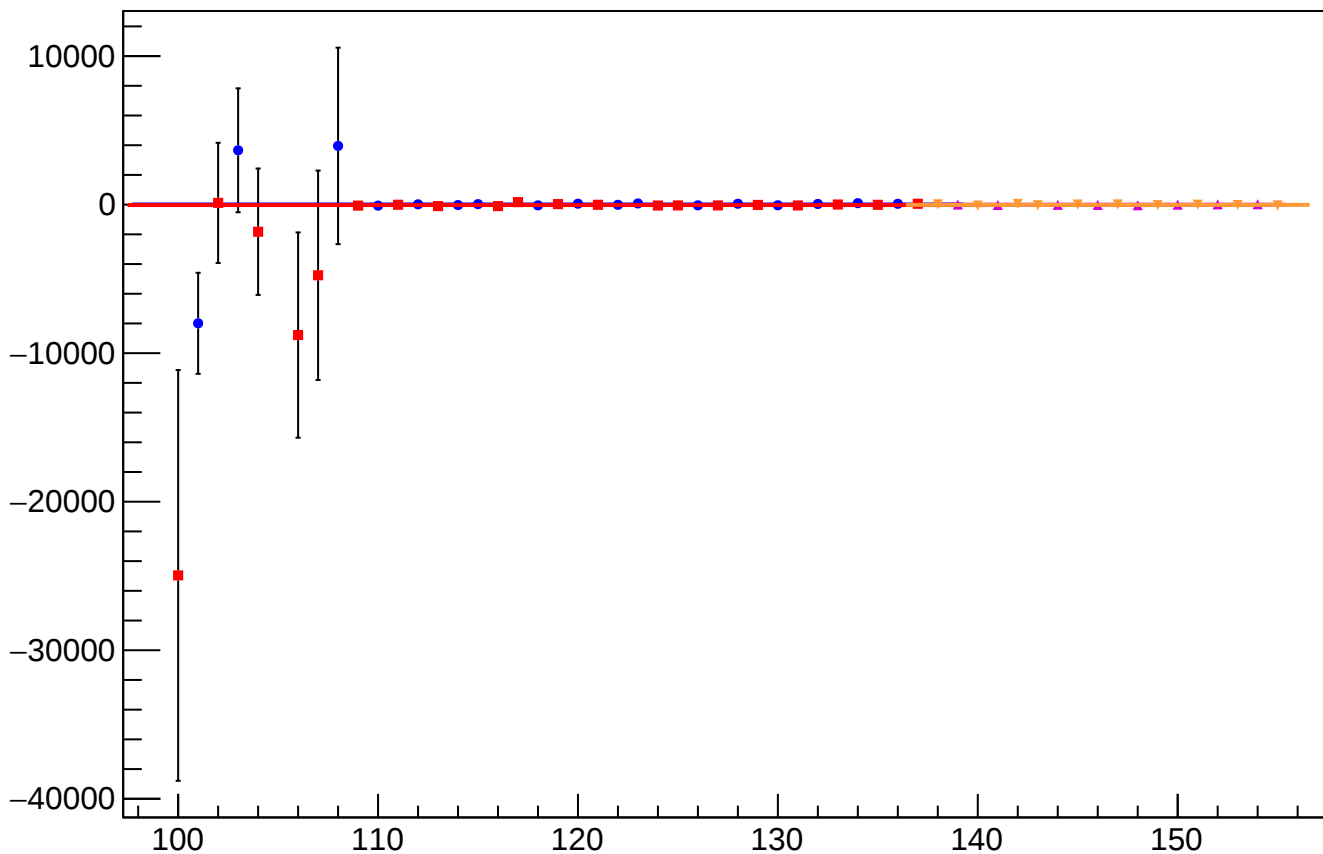
Right Out: 172.900+/-0.057 χ^2/NDF : 4222511.2/19

Left In: 197.038+/-0.059 χ^2/NDF : 1010645.2/7

217.489+/-0.046 χ^2/NDF : 4654744.6/26

184.546+/-0.041 χ^2/NDF : 5320015.9/27

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: -15.231 $\pm$ 11.160 χ^2 /NDF: 8.4/9

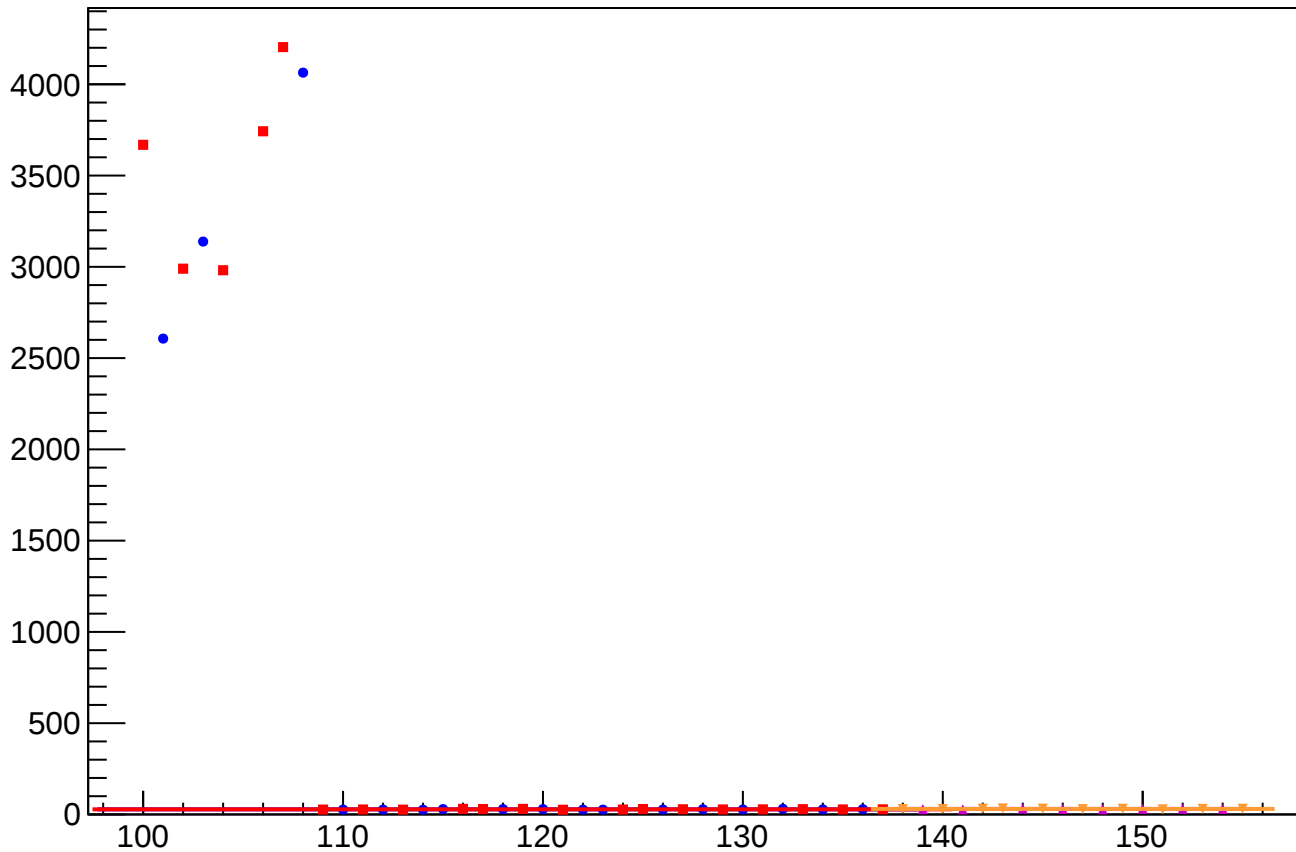
Right Out: -27.898 $\pm$ 12.287 χ^2 /NDF: 18.8/19

Left In: -6.081 $\pm$ 11.821 χ^2 /NDF: 3.3/7

-4.536 $\pm$ 8.285 χ^2 /NDF: 33.6/26

-16.569 $\pm$ 8.519 χ^2 /NDF: 23.7/27

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 28.044+/-0.009 χ^2/NDF : 3027898.7/16

Left Out: 30.226+/-0.008 χ^2/NDF : 32423.9/9

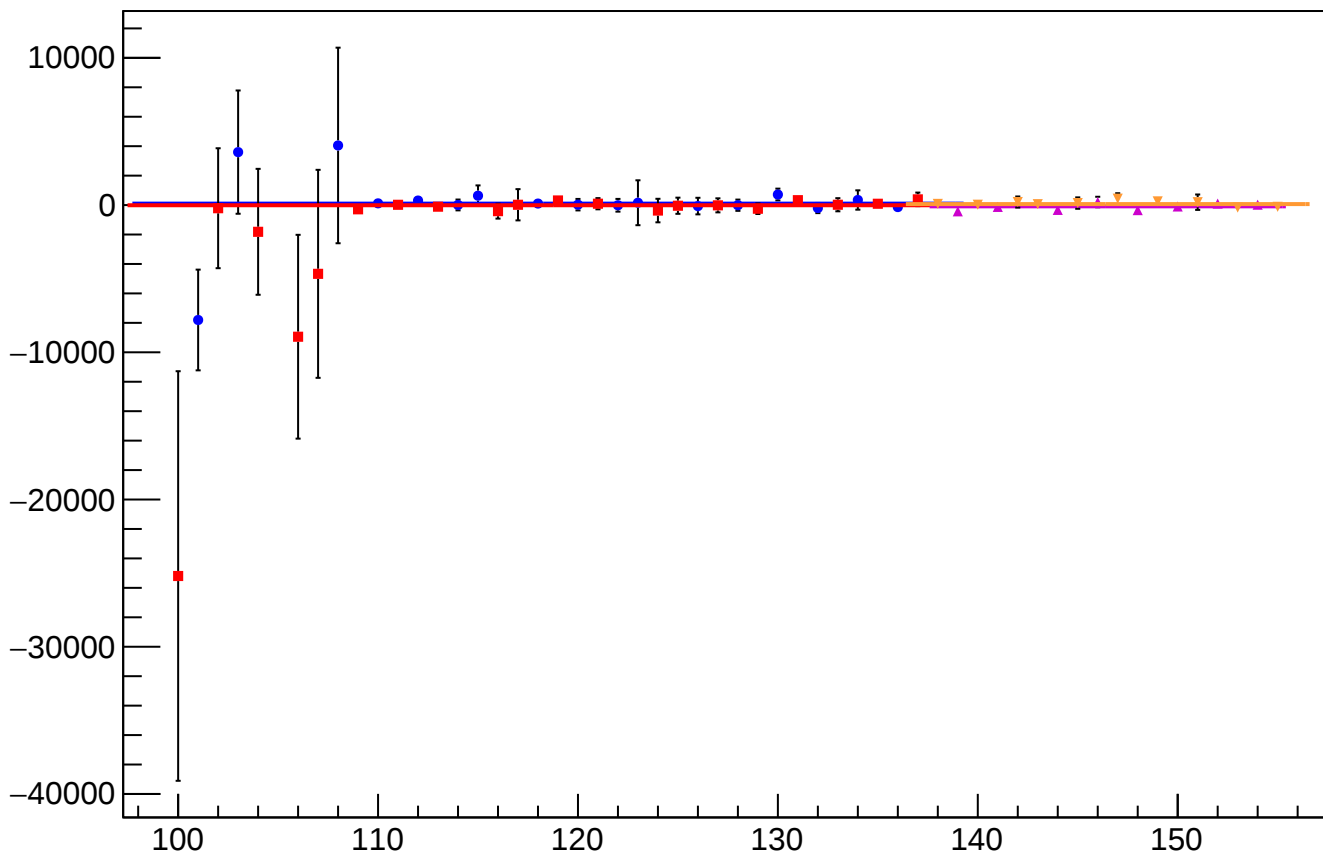
Right Out: 27.930+/-0.009 χ^2/NDF : 3479947.6/19

Left In: 30.237+/-0.008 χ^2/NDF : 30374.6/7

29.247+/-0.006 χ^2/NDF : 3094640.2/26

29.128+/-0.006 χ^2/NDF : 3546924.0/27

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: 67.064+/-96.056 χ^2/NDF : 3.2/9

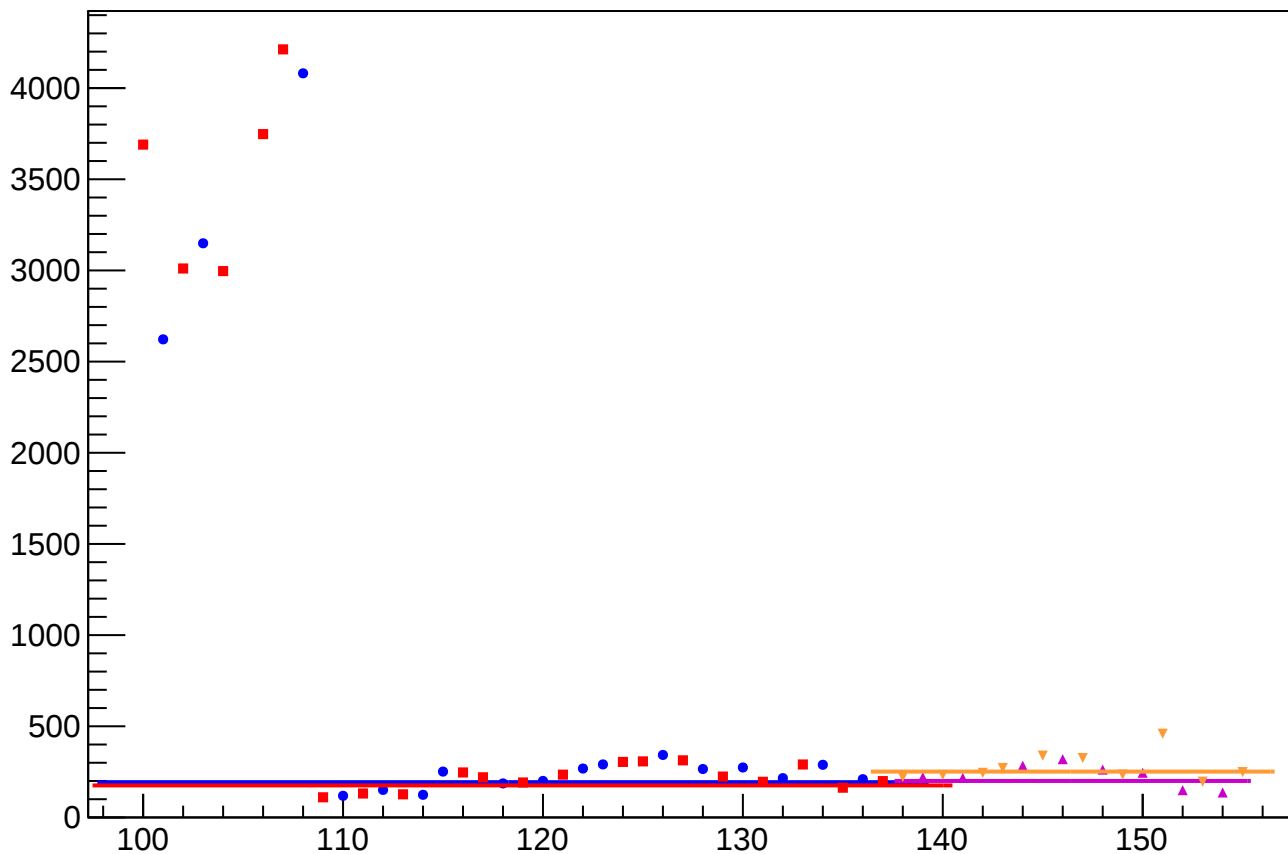
Right Out: -11.533+/-81.530 χ^2/NDF : 12.3/19

Left In: -85.804+/-84.517 χ^2/NDF : 5.0/7

83.751+/-65.365 χ^2/NDF : 15.8/26

-47.333+/-58.678 χ^2/NDF : 17.7/27

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: 251.573 ± 0.068 χ^2/NDF : 664271.1/9

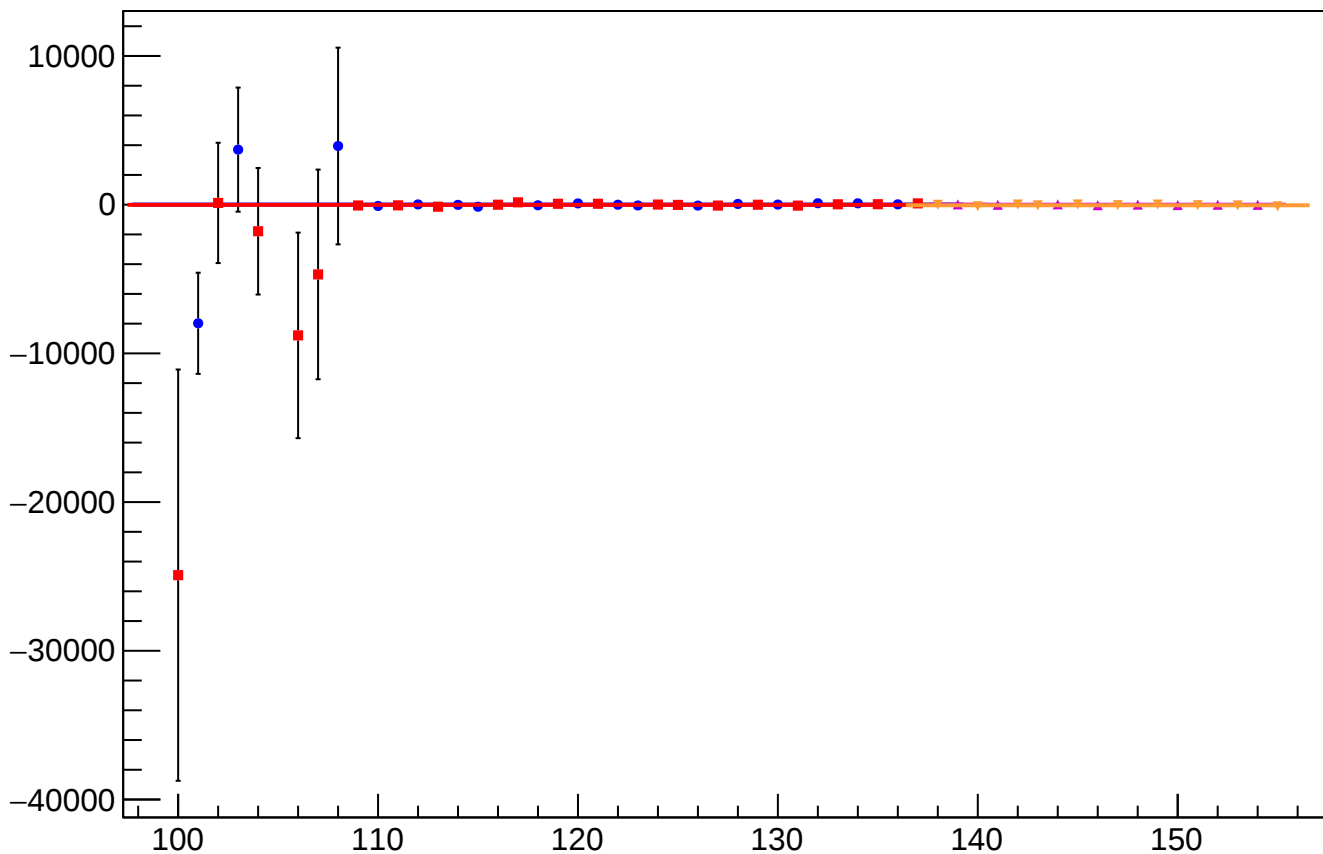
Right Out: 175.774 ± 0.058 χ^2/NDF : 4169115.6/19

Left In: 200.155 ± 0.060 χ^2/NDF : 987985.7/7

220.400 ± 0.046 χ^2/NDF : 4593512.0/26

187.526 ± 0.041 χ^2/NDF : 5243314.1/27

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: -39.595 $\pm$ 13.097 χ^2 /NDF:10.5/9

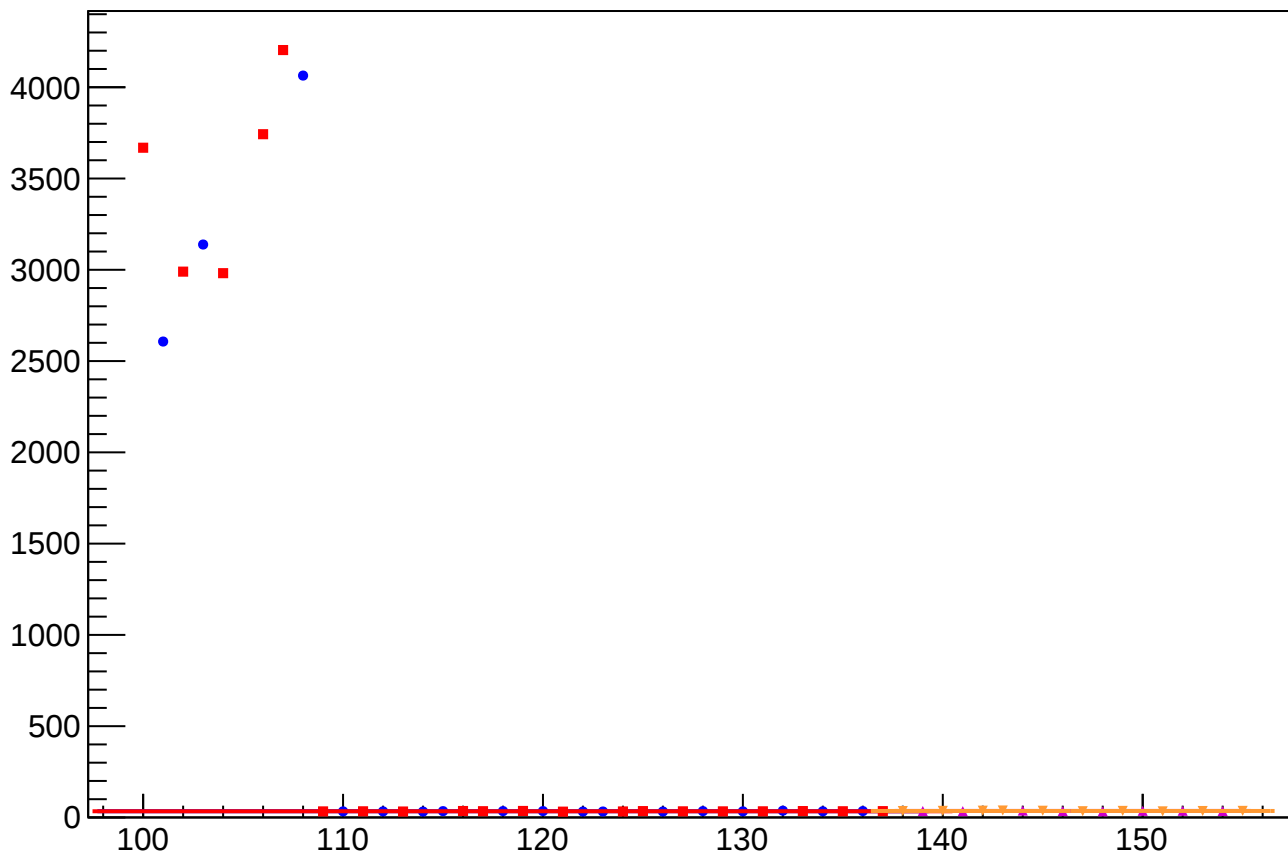
Right Out: -10.775 $\pm$ 14.891 χ^2 /NDF: 23.0/19

Left In: -4.041 $\pm$ 13.907 χ^2 /NDF:1.7/7

-20.136 $\pm$ 9.880 χ^2 /NDF: 36.0/26

-7.178 $\pm$ 10.164 χ^2 /NDF: 24.7/27

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: 35.522 $\pm$ 0.009 χ^2 /NDF:19319.8/9

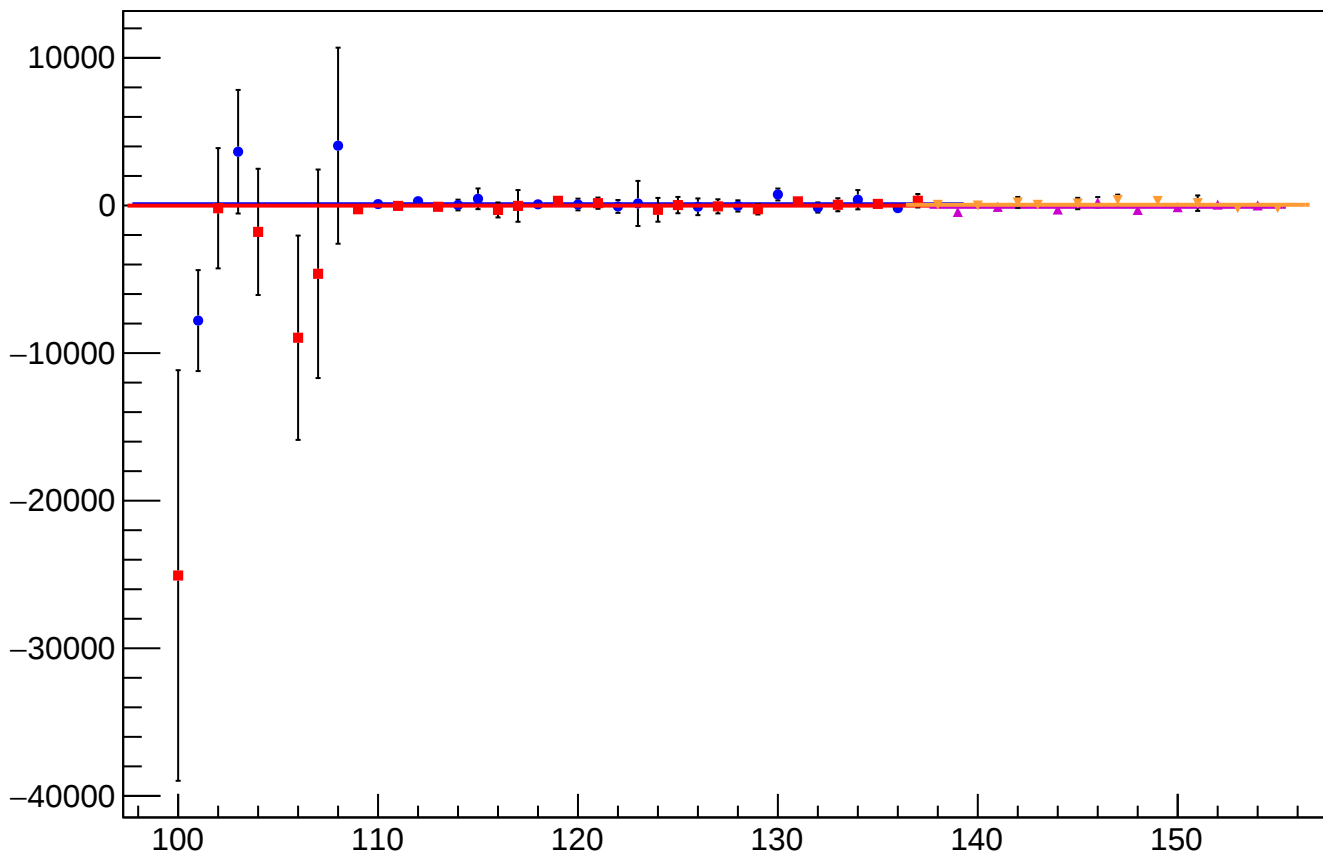
Right Out: 33.916 $\pm$ 0.011 χ^2 /NDF: 3451921.6/19

Left In: 35.638 $\pm$ 0.010 χ^2 /NDF:12438.8/7

34.938 $\pm$ 0.007 χ^2 /NDF: 3035045.7/26

34.836 $\pm$ 0.007 χ^2 /NDF: 3478657.5/27

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: 48.013+/-95.575 χ^2/NDF : 3.7/9

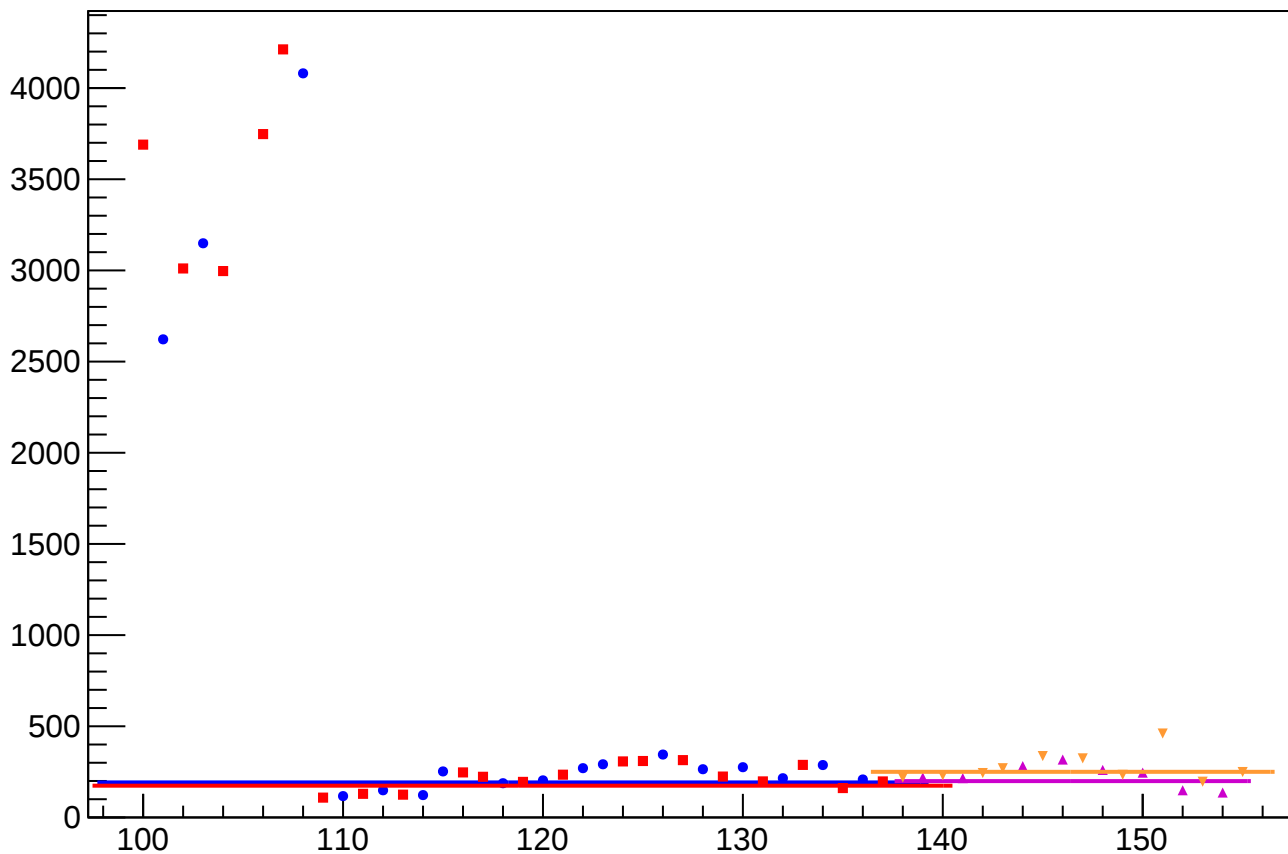
Right Out: -8.682+/-81.026 χ^2/NDF : 11.1/19

Left In: -90.558+/-84.171 χ^2/NDF : 4.2/7

67.609+/-65.033 χ^2/NDF : 16.3/26

-48.062+/-58.374 χ^2/NDF : 15.8/27

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: 250.257+/-0.068 χ^2/NDF : 667728.5/9

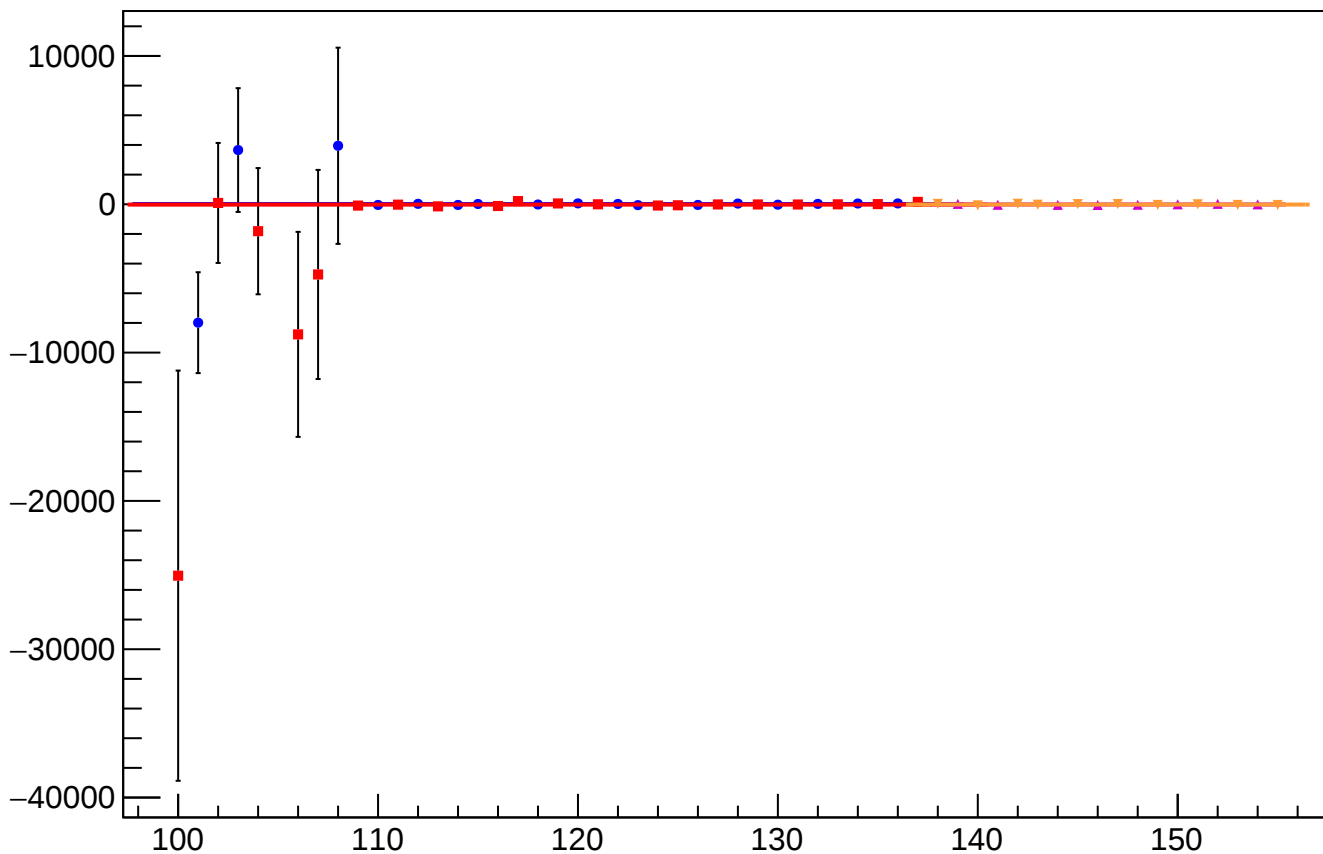
Right Out: 174.240+/-0.057 χ^2/NDF : 4215763.8/19

Left In: 199.326+/-0.060 χ^2/NDF : 980987.6/7

219.068+/-0.046 χ^2/NDF : 4638958.0/26

186.306+/-0.041 χ^2/NDF : 5288964.5/27

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: -17.597+/-11.986 χ^2/NDF : 8.1/9

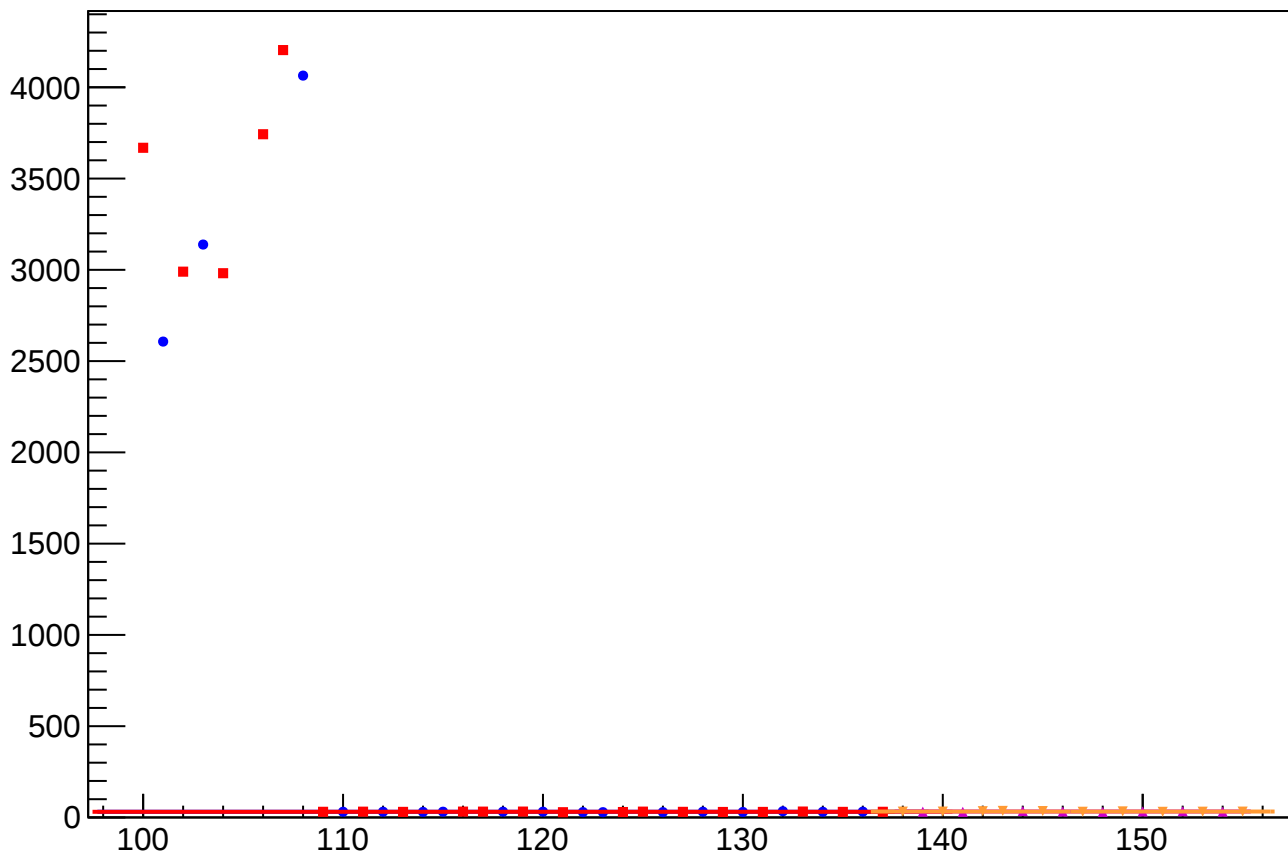
Right Out: -20.740+/-13.606 χ^2/NDF : 30.4/19

Left In: -12.822+/-12.729 χ^2/NDF : 4.4/7

-4.465+/-9.028 χ^2/NDF : 25.6/26

-16.517+/-9.295 χ^2/NDF : 35.0/27

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: 32.472+/-0.008 χ^2/NDF : 32290.5/9

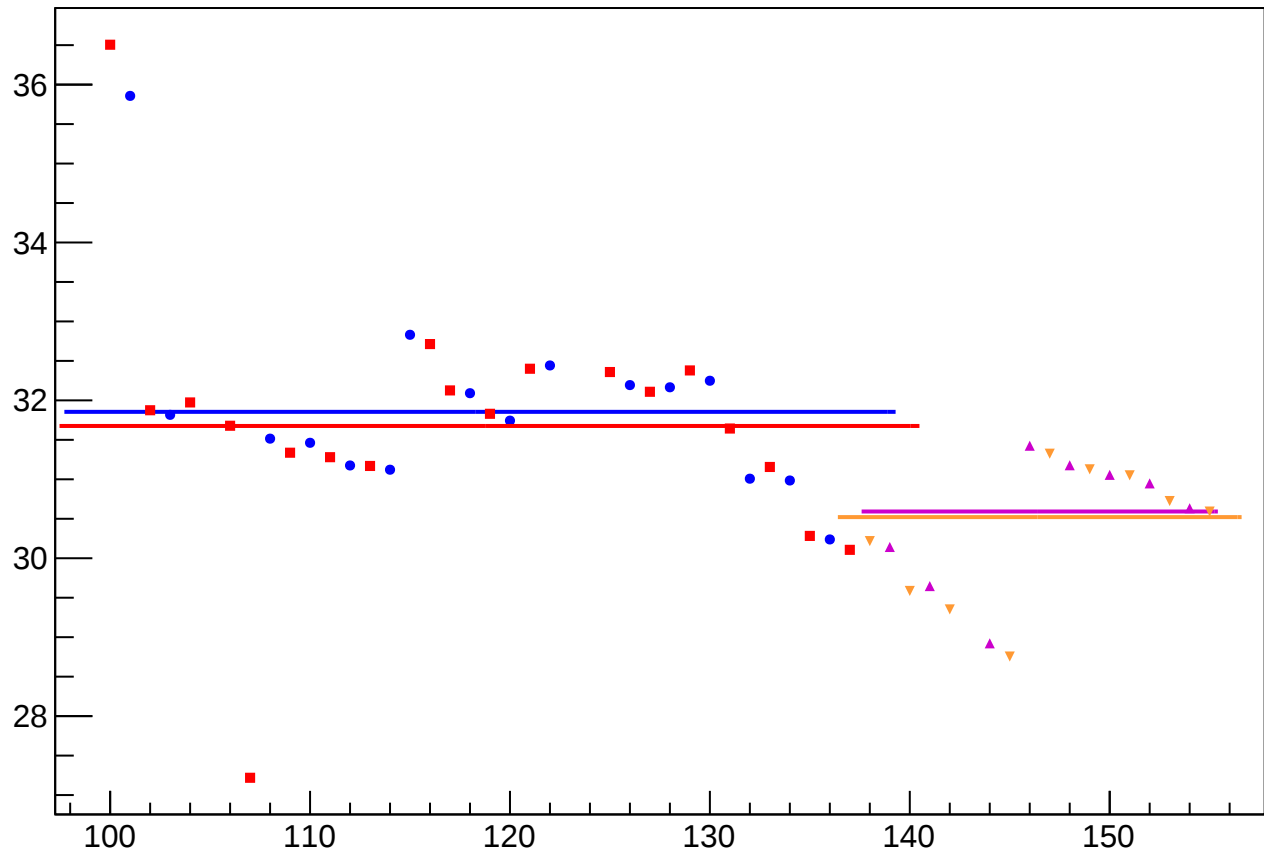
Right Out: 30.970+/-0.010 χ^2/NDF : 3458998.2/19

Left In: 32.557+/-0.009 χ^2/NDF : 24555.2/7

31.901+/-0.006 χ^2/NDF : 3057294.4/26

31.816+/-0.007 χ^2/NDF : 3498058.5/27

yield_usl_mean vs Slug



Right In: 31.855+/-0.000 χ^2/NDF : 1570522165.5/15

Left Out: 30.521+/-0.000 χ^2/NDF : 586445696.8/8

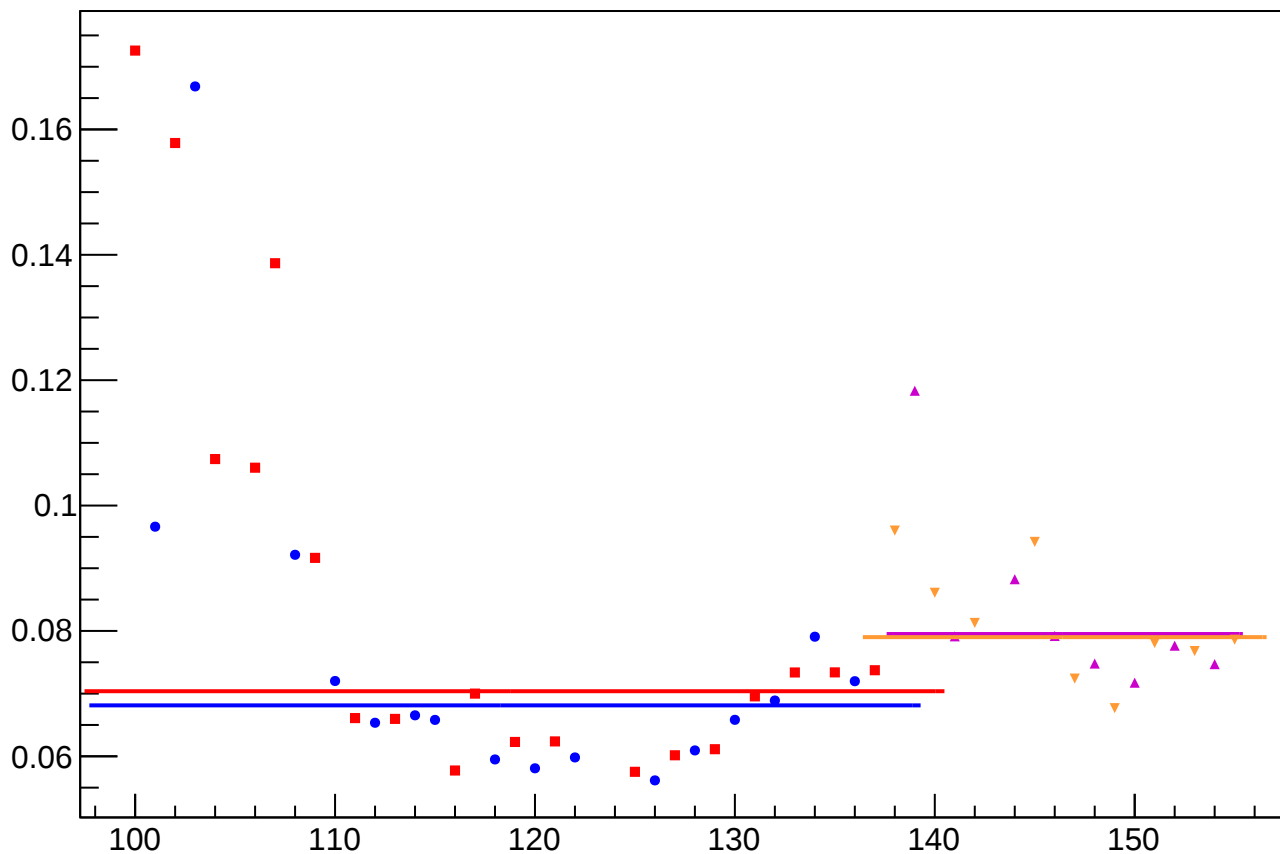
31.275+/-0.000 χ^2/NDF : 3118783052.9/24

Right Out: 31.676+/-0.000 χ^2/NDF : 919678295.7/18

31.204+/-0.000 χ^2/NDF : 2094824661.0/26

Left In: 30.592+/-0.000 χ^2/NDF : 560966115.3/7

yield_usl_rms vs Slug



Right In: 0.068 ± 0.000 χ^2/NDF : 629767.4/15

Left Out: 0.079 ± 0.000 χ^2/NDF : 142347.7/8

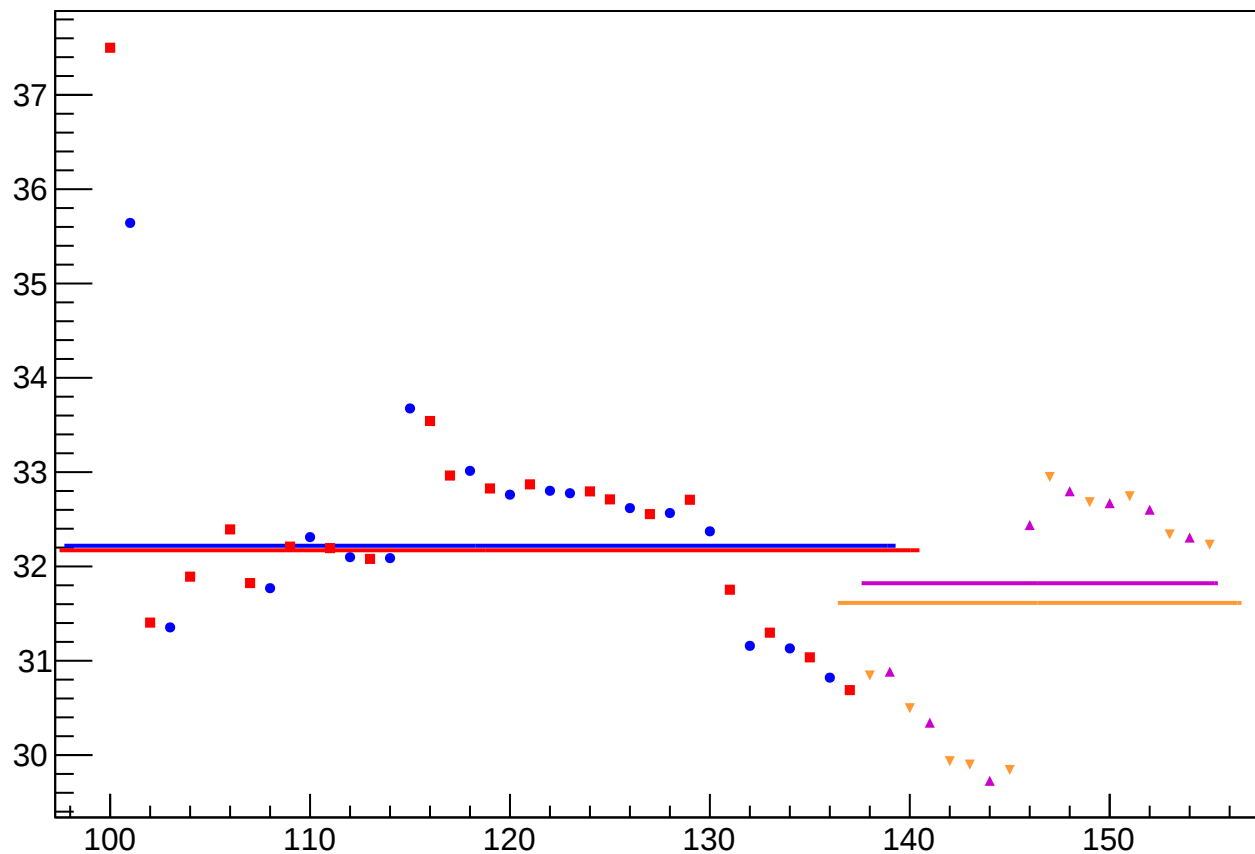
Right Out: 0.070 ± 0.000 χ^2/NDF : 841322.7/18

Left In: 0.080 ± 0.000 χ^2/NDF : 196640.0/7

0.073 ± 0.000 χ^2/NDF : 900267.0/24

0.074 ± 0.000 χ^2/NDF : 1125077.5/26

yield_usr_mean vs Slug



Right In: 32.220+/-0.000 χ^2/NDF : 1013864543.3/16

Left Out: 31.614+/-0.000 χ^2/NDF :1665786992.8/9

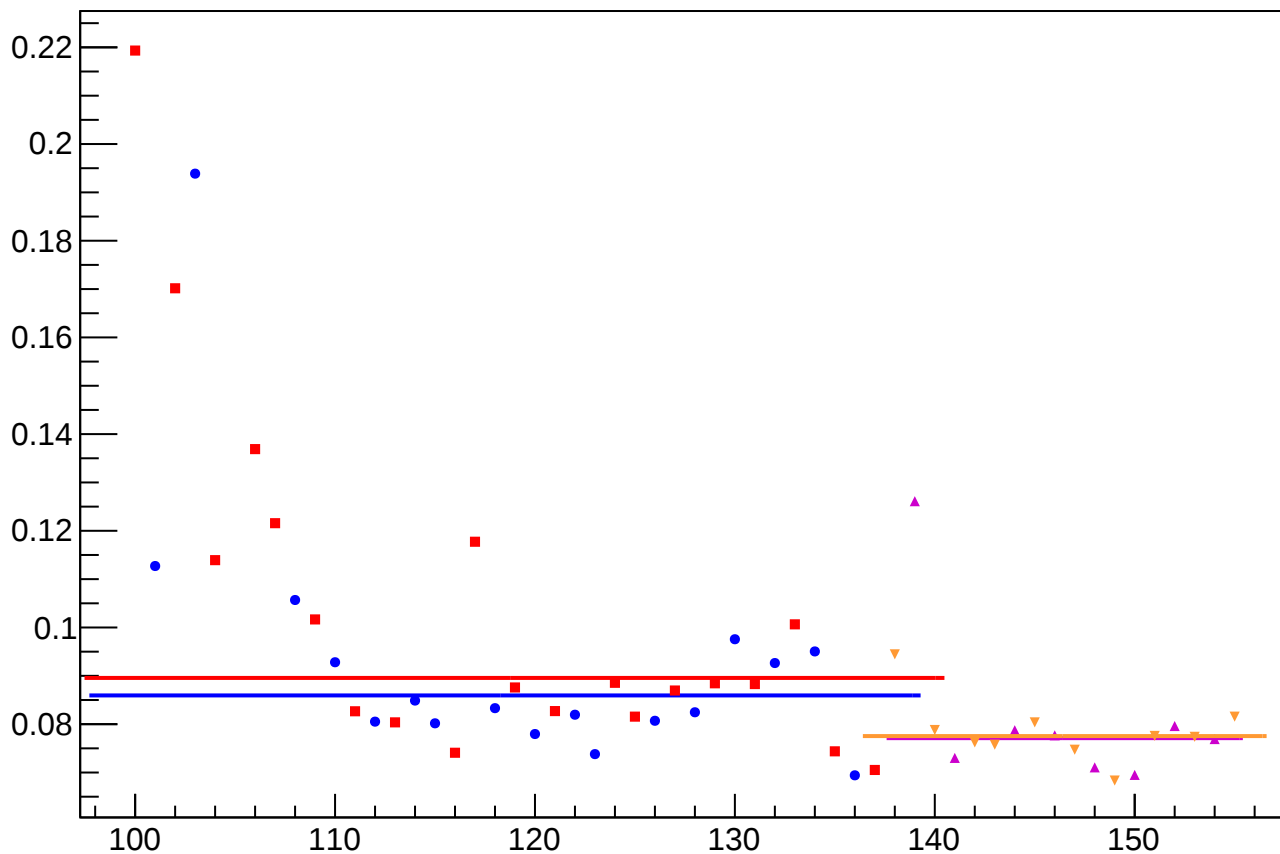
Right Out: 32.171+/-0.000 χ^2/NDF : 444137990.6/19

Left In: 31.822+/-0.000 χ^2/NDF :1320328694.1/7

31.866+/-0.000 χ^2/NDF : 2847840636.6/26

31.974+/-0.000 χ^2/NDF : 1817671368.4/27

yield_usr_rms vs Slug



Right In: 0.086+/-0.000 χ^2/NDF : 553280.3/16

Left Out: 0.078+/-0.000 χ^2/NDF : 78417.7/9

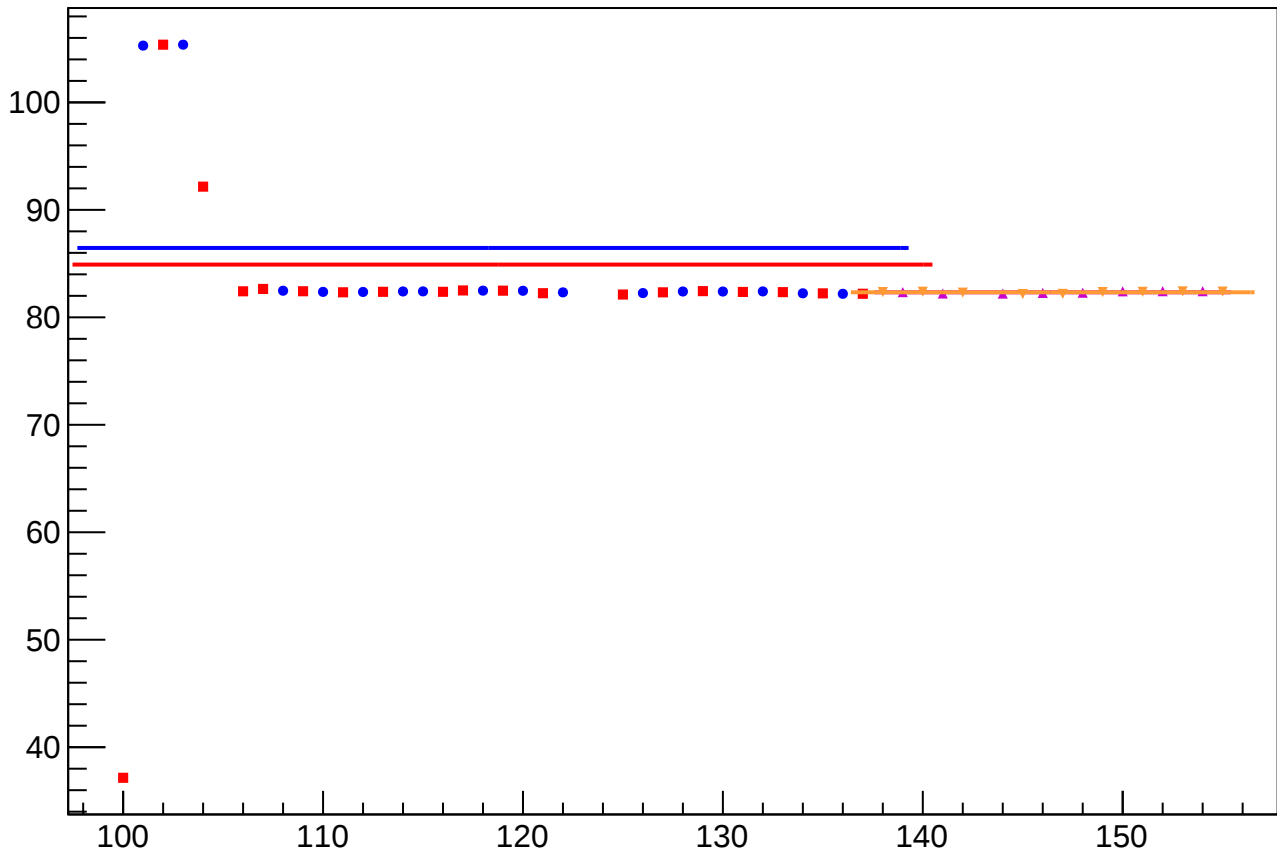
Right Out: 0.090+/-0.000 χ^2/NDF : 544516.7/19

Left In: 0.077+/-0.000 χ^2/NDF : 249933.6/7

0.081+/-0.000 χ^2/NDF : 696498.1/26

0.083+/-0.000 χ^2/NDF : 929659.8/27

yield_dsl_mean vs Slug



Right In: 86.457+/-0.000 χ^2/NDF : 291421048436.2/15

Left Out: 82.330+/-0.000 χ^2/NDF : 26307706.1/8

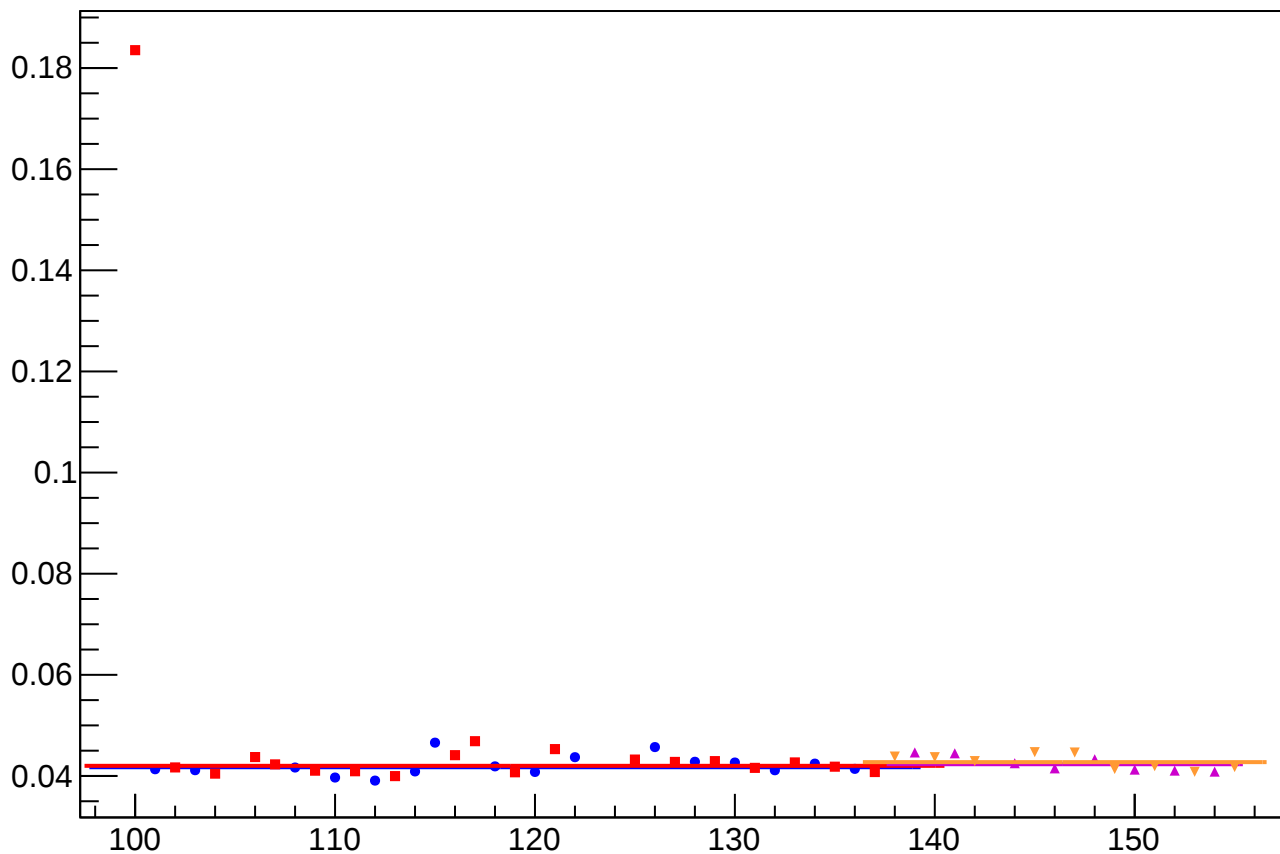
Right Out: 84.908+/-0.000 χ^2/NDF : 172306803858.3/18

Left In: 82.331+/-0.000 χ^2/NDF : 28895457.4/7

84.433+/-0.000 χ^2/NDF : 322925708724.9/24

83.669+/-0.000 χ^2/NDF : 184865317107.4/26

yield_dsl_rms vs Slug



Right In: 0.042+/-0.000 χ^2/NDF : 18887.0/15

Left Out: 0.043+/-0.000 χ^2/NDF : 14129.8/8

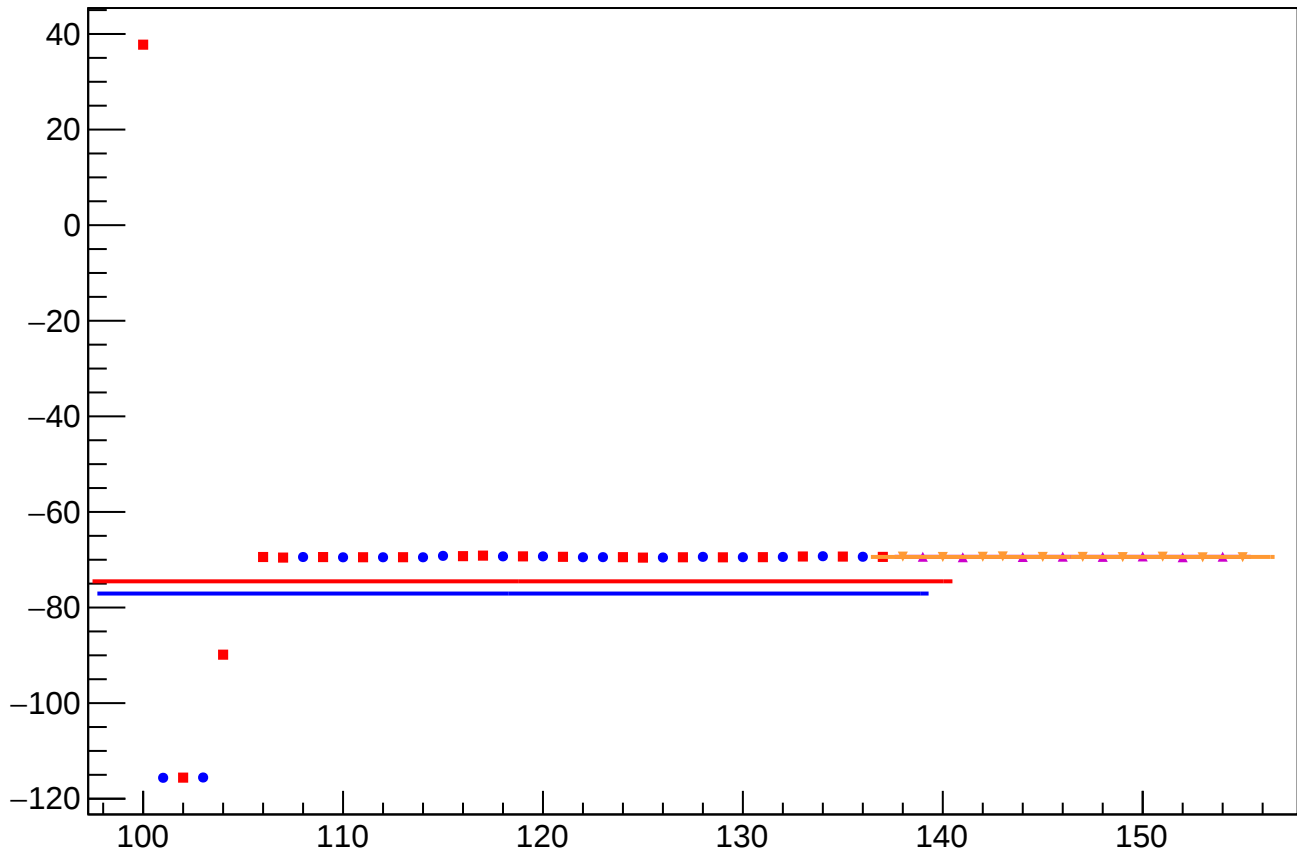
Right Out: 0.042+/-0.000 χ^2/NDF : 97785.5/18

Left In: 0.042+/-0.000 χ^2/NDF : 14132.2/7

0.042+/-0.000 χ^2/NDF : 36771.9/24

0.042+/-0.000 χ^2/NDF : 112297.6/26

yield_dsr_mean vs Slug



Right In: -77.074+/-0.000 χ^2/NDF : 565391865606.1/16

Left Out: -69.412+/-0.000 χ^2/NDF : 6716681.0/9

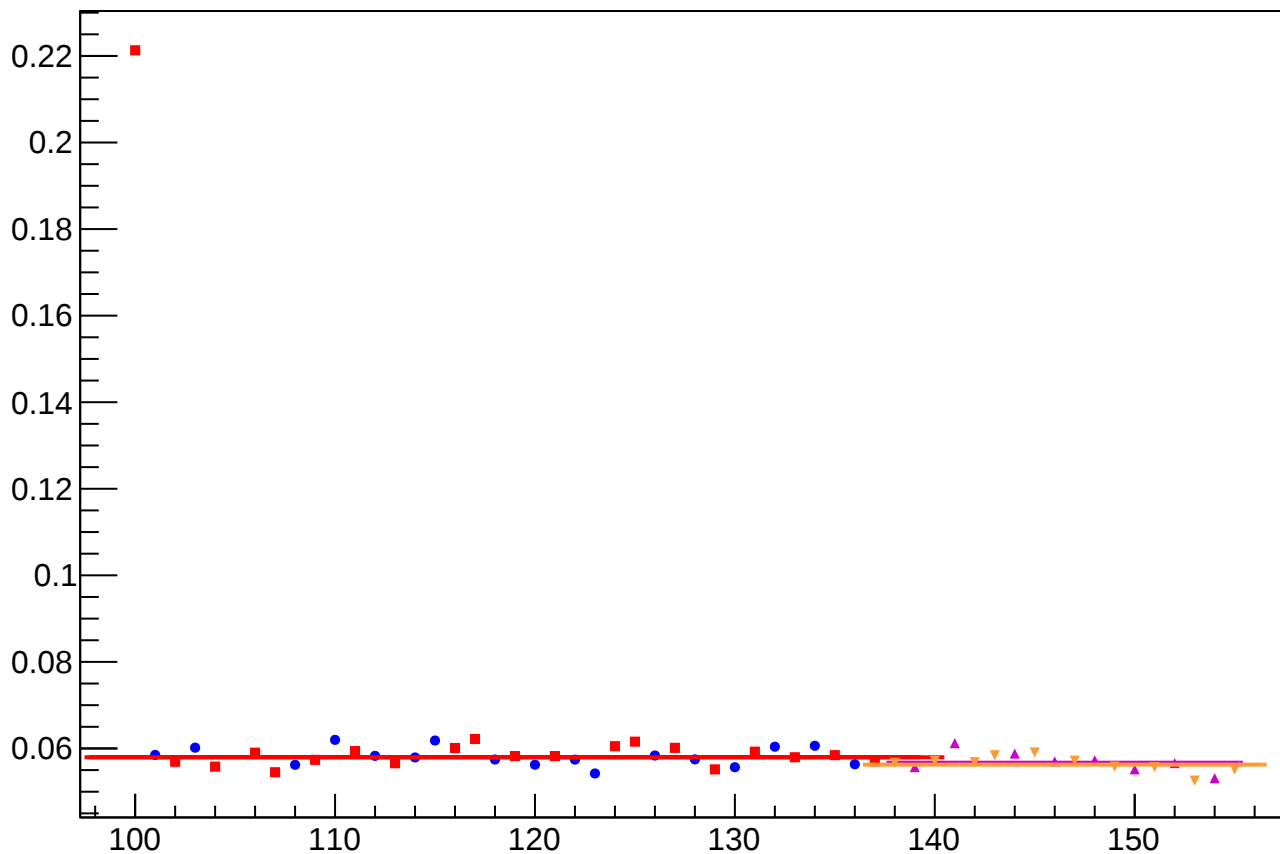
Right Out: -74.518+/-0.000 χ^2/NDF : 372210051226.2/19

Left In: -69.389+/-0.000 χ^2/NDF : 5932925.5/7

-72.938+/-0.000 χ^2/NDF : 626085605406.5/26

-72.004+/-0.000 χ^2/NDF : 398697442760.1/27

yield_dsr_rms vs Slug



Right In: 0.058+/-0.000 χ^2/NDF : 12275.6/16

Left Out: 0.056+/-0.000 χ^2/NDF : 14503.0/9

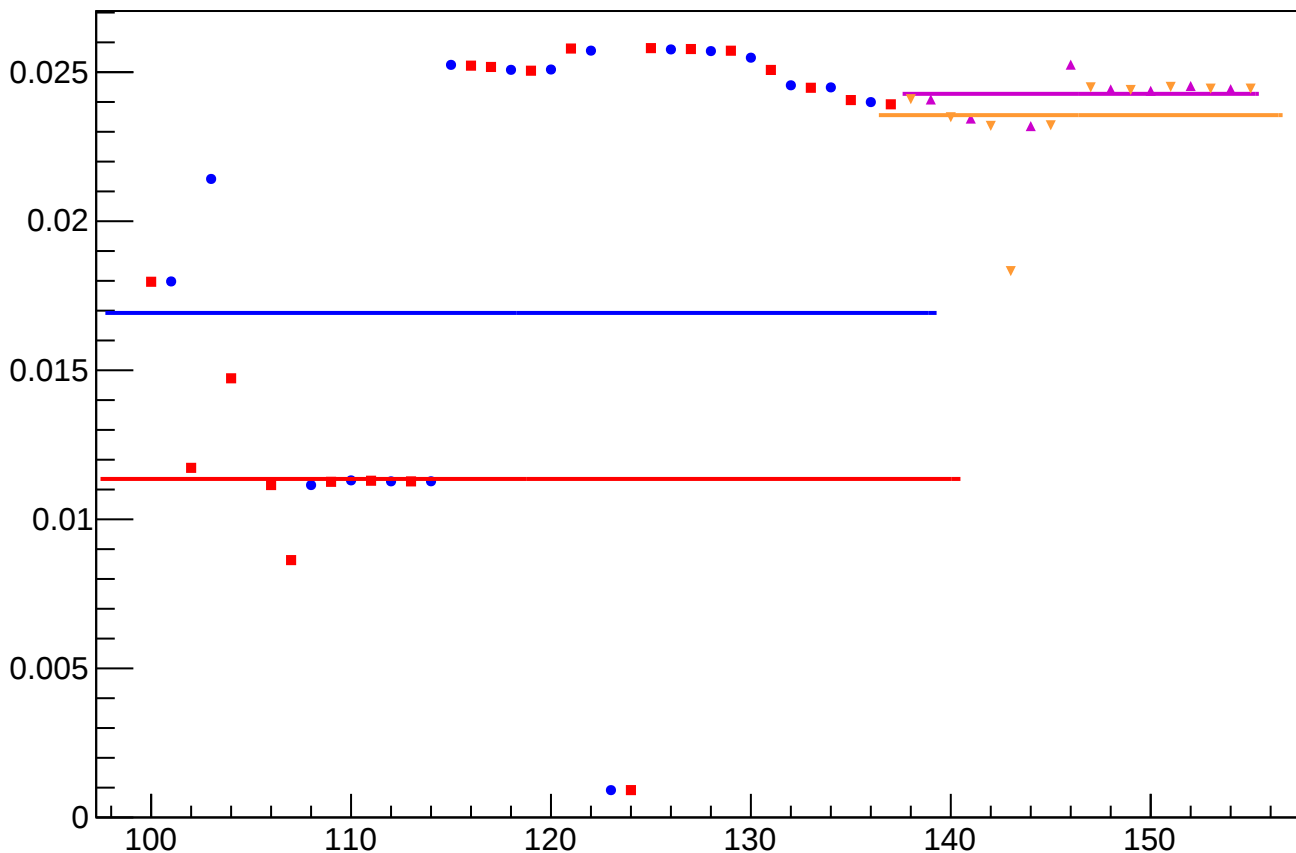
Right Out: 0.058+/-0.000 χ^2/NDF : 86860.7/19

Left In: 0.057+/-0.000 χ^2/NDF : 20344.1/7

0.057+/-0.000 χ^2/NDF : 32827.0/26

0.057+/-0.000 χ^2/NDF : 110378.5/27

yield_atl1_mean vs Slug



Right In: 0.017 $\pm$ 0.000 χ^2 /NDF: 126447785006.7/16

Left Out: 0.024 $\pm$ 0.000 χ^2 /NDF: 4753454921.8/9

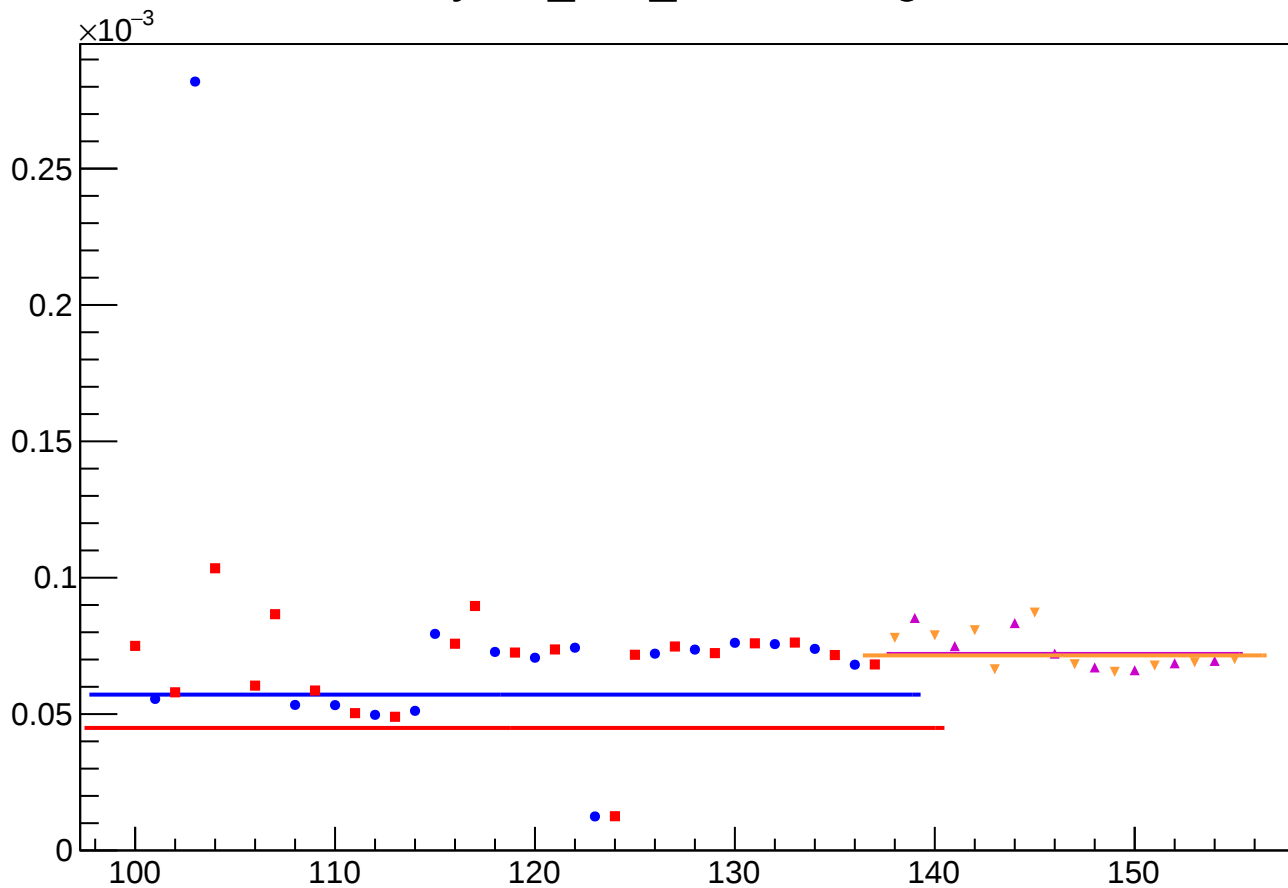
0.020 $\pm$ 0.000 χ^2 /NDF: 164671777981.2/26

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 235754579473.9/19

0.016 $\pm$ 0.000 χ^2 /NDF: 372003043988.9/27

Left In: 0.024 $\pm$ 0.000 χ^2 /NDF: 410227666.3/7

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 : 112733.0/9

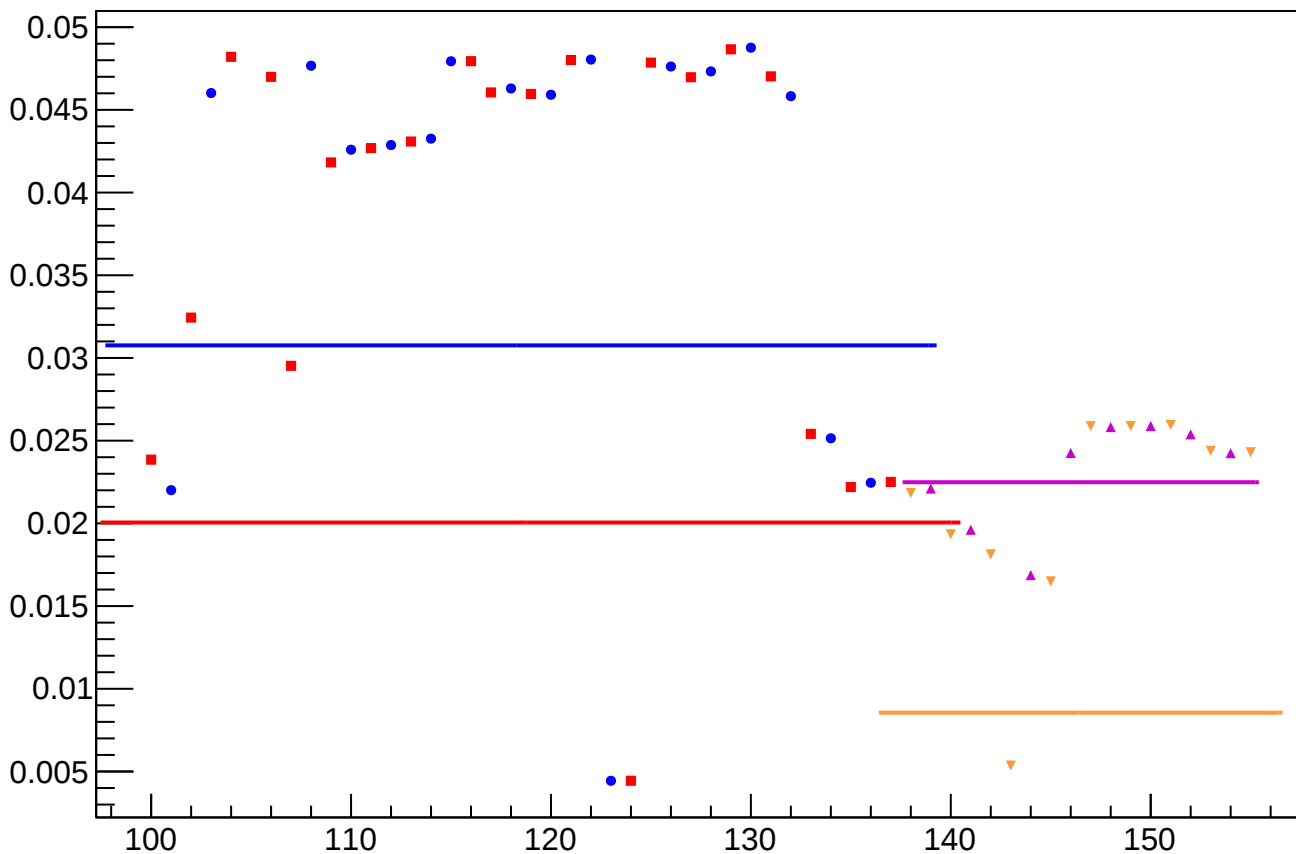
Right Out: 0.000+/-0.000 χ^2/NDF : 3613155.3/19

Left In: 0.000+/-0.000 χ^2/NDF : 95923.1/7

0.000+/-0.000 χ^2/NDF : 2427522.3/26

0.000+/-0.000 χ^2/NDF : 4907623.8/27

yield_atl2_mean vs Slug



Right In: 0.031+/-0.000 χ^2/NDF : 21174738549.0/16

Left Out: 0.009+/-0.000 χ^2/NDF : 19961192920.1/9

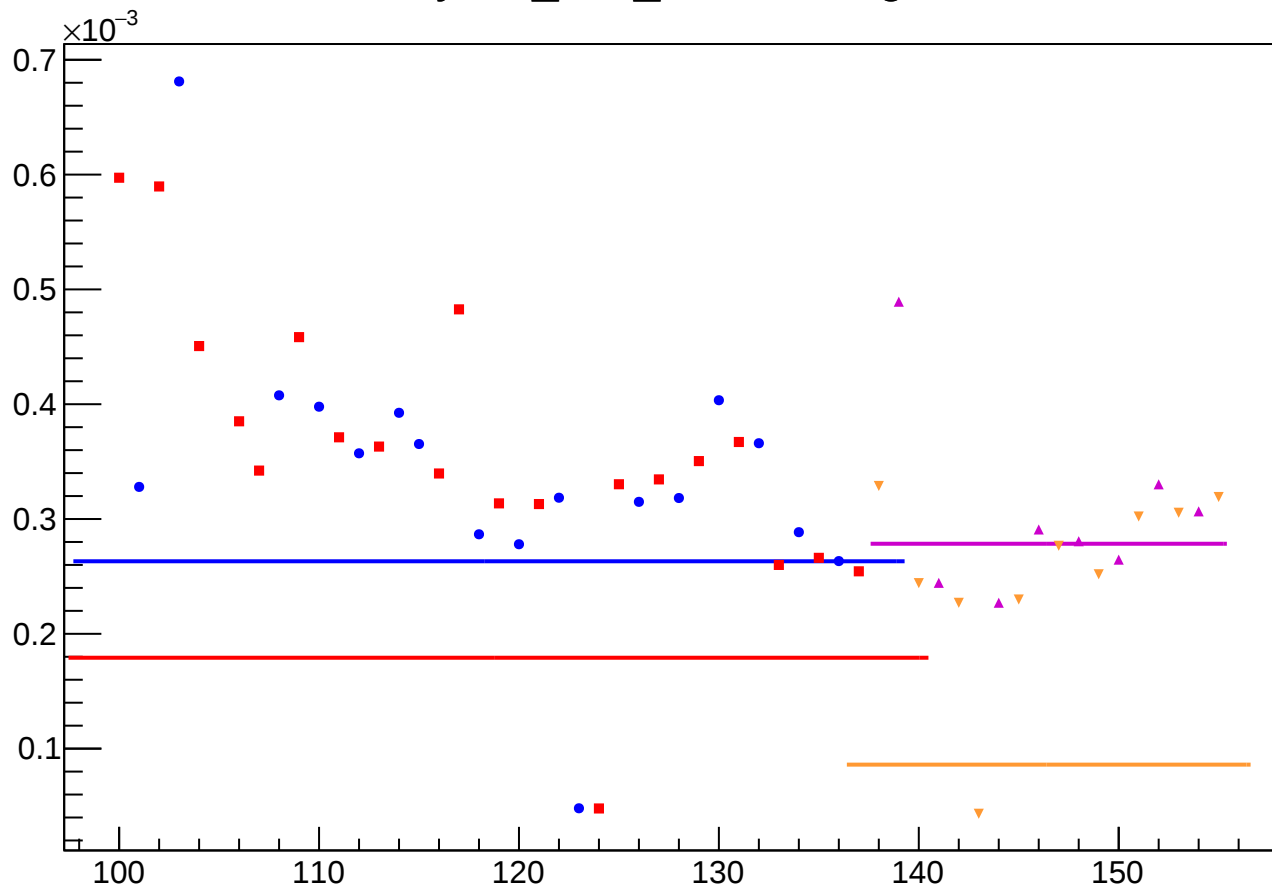
Right Out: 0.020+/-0.000 χ^2/NDF : 40133684916.8/19

Left In: 0.022+/-0.000 χ^2/NDF : 925577262.2/7

0.012+/-0.000 χ^2/NDF : 71109113601.2/26

0.021+/-0.000 χ^2/NDF : 41331009053.4/27

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 : 6973106.4/9

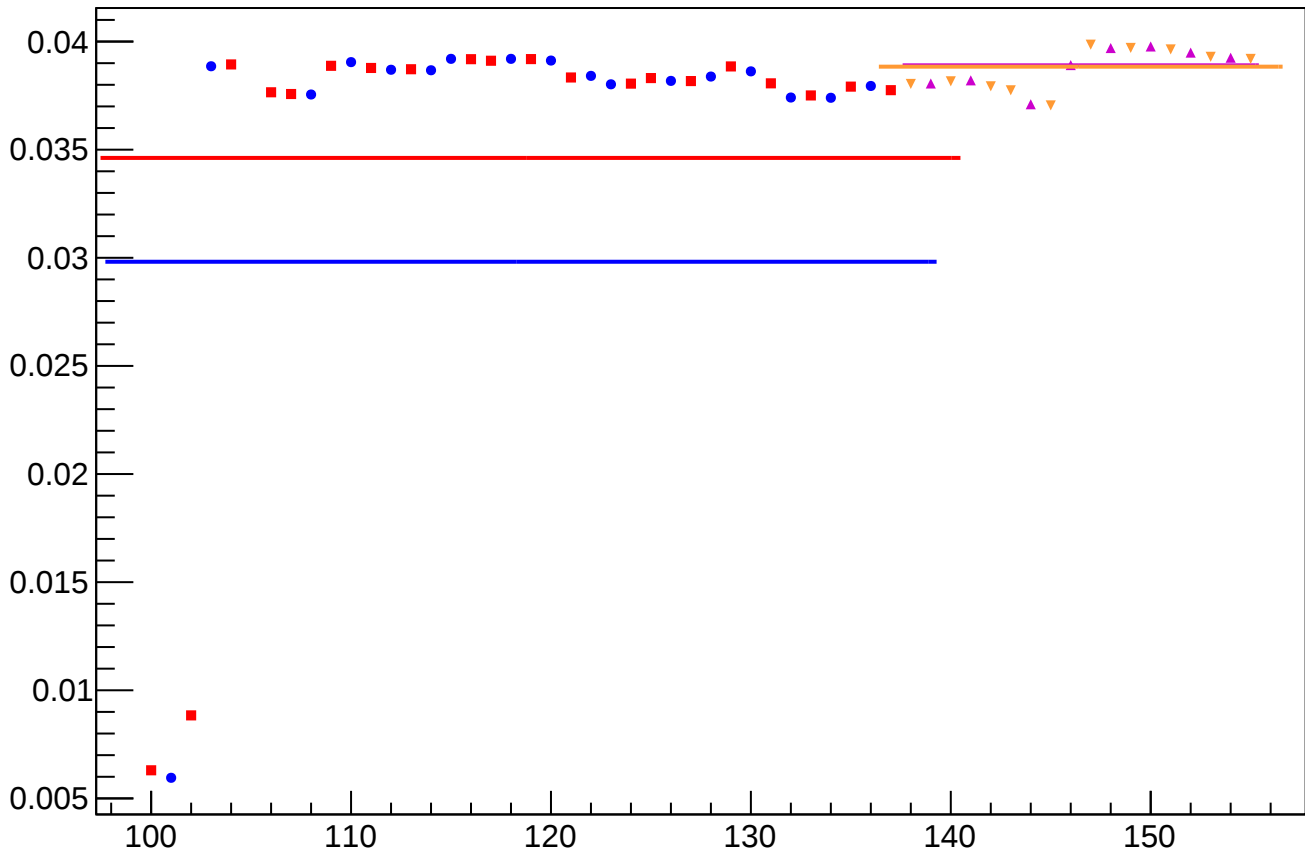
Right Out: 0.000+/-0.000 χ^2/NDF : 5374355.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 426825.2/7

0.000+/-0.000 χ^2/NDF : 13187863.9/26

0.000+/-0.000 χ^2/NDF : 6704864.7/27

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: 322411729.1/9

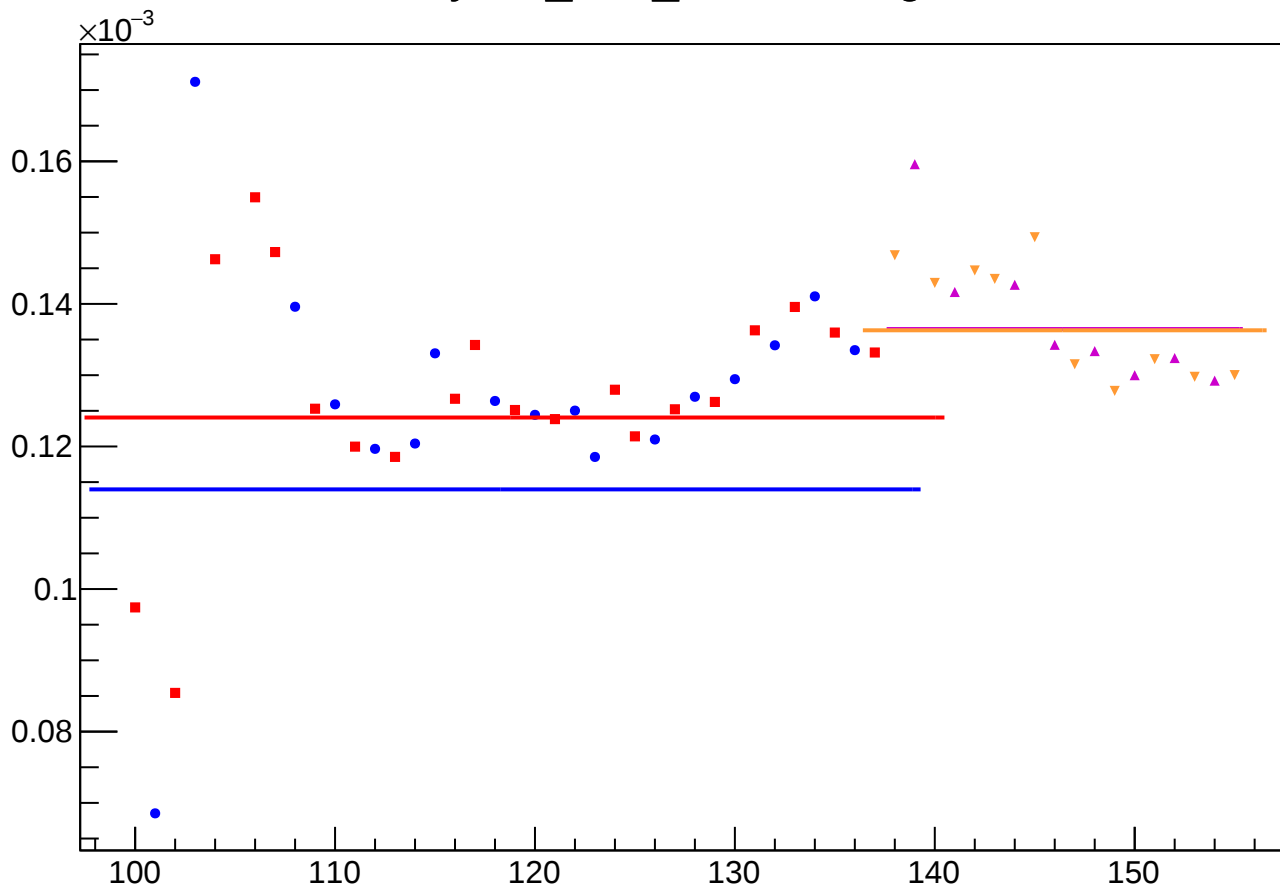
0.034 $\pm$ 0.000 χ^2 /NDF: 114688856581.2/26

Right Out: 0.035 $\pm$ 0.000 χ^2 /NDF: 43717644957.2/19

0.037 $\pm$ 0.000 χ^2 /NDF: 47488295864.9/27

Left In: 0.039 $\pm$ 0.000 χ^2 /NDF: 259003164.0/7

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 : 45787.0/9

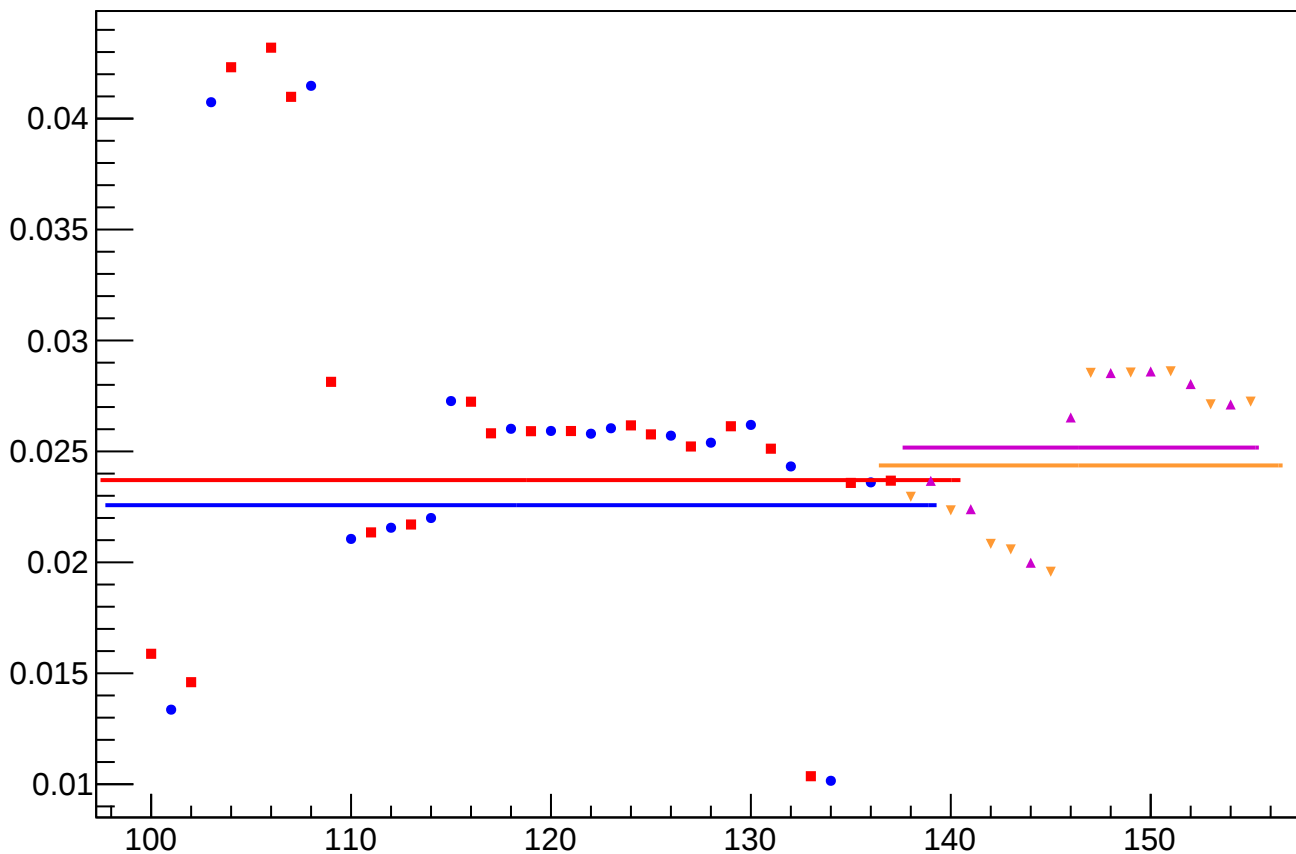
Right Out: 0.000+/-0.000 χ^2/NDF : 245649.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 47504.3/7

0.000+/-0.000 χ^2/NDF : 1051027.9/26

0.000+/-0.000 χ^2/NDF : 352192.5/27

yield_atr2_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 4247774712.9/16

Left Out: 0.024+/-0.000 χ^2/NDF : 1291244453.1/9

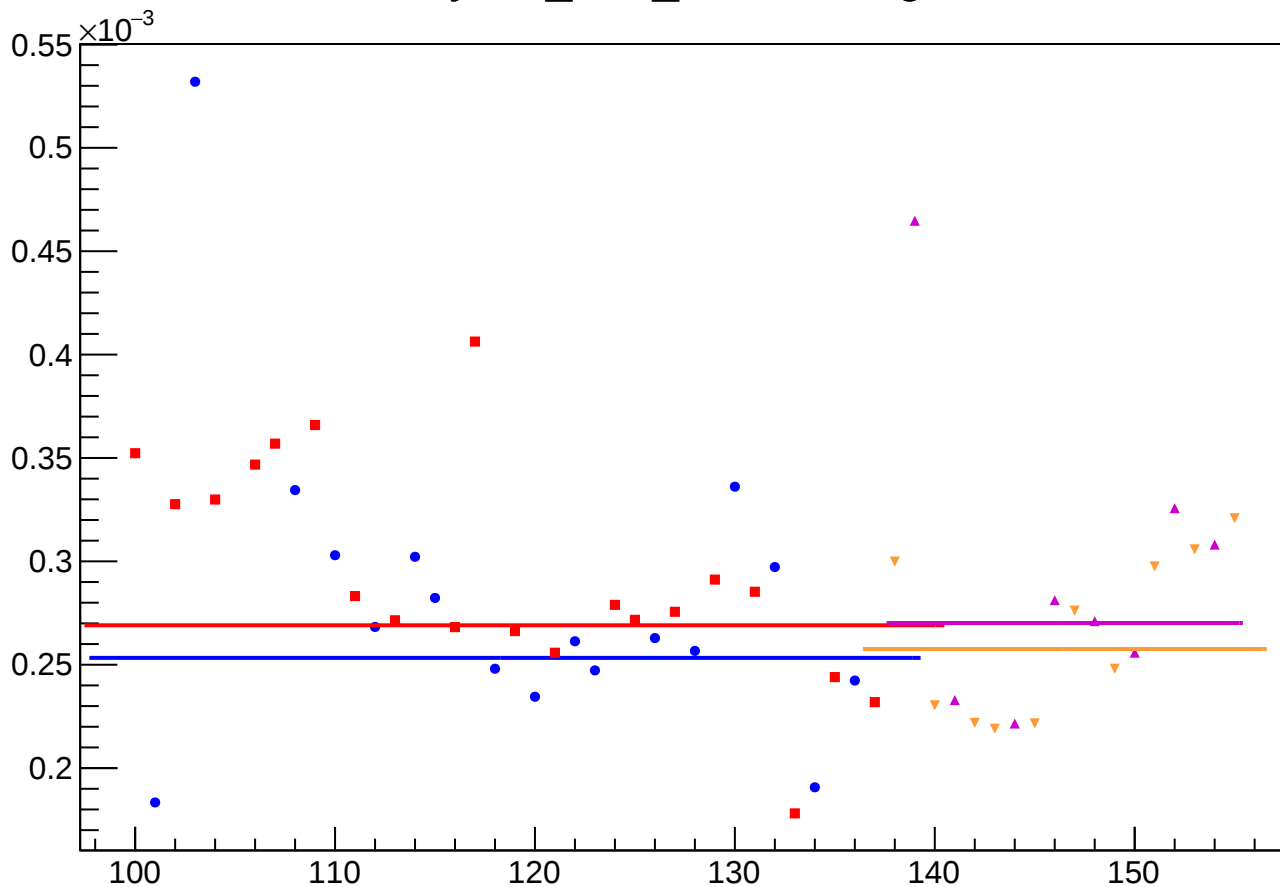
Right Out: 0.024+/-0.000 χ^2/NDF : 5652505580.7/19

Left In: 0.025+/-0.000 χ^2/NDF : 911267649.5/7

0.024+/-0.000 χ^2/NDF : 5689217976.4/26

0.024+/-0.000 χ^2/NDF : 6652811214.7/27

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 : 262623.2/9

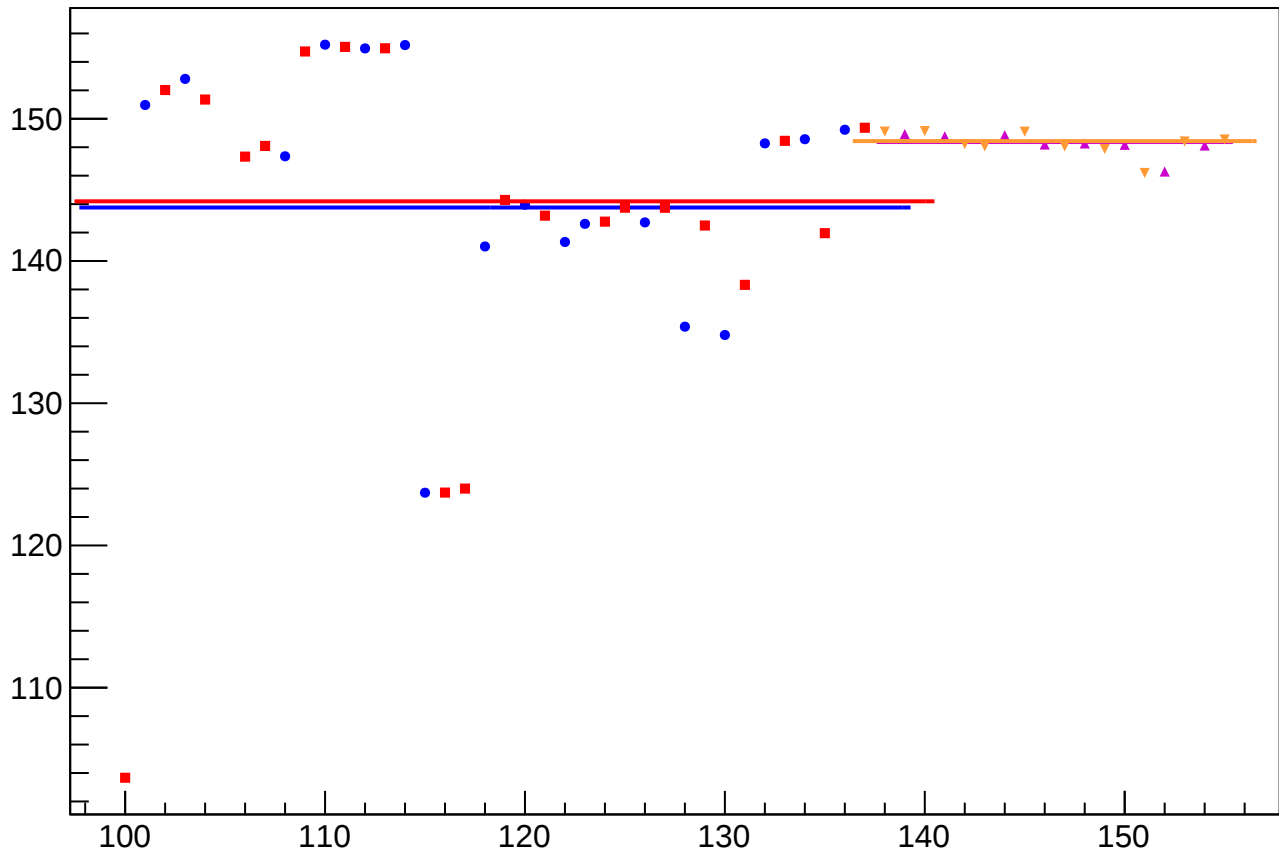
Right Out: 0.000+/-0.000 χ^2/NDF : 437710.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 435825.8/7

0.000+/-0.000 χ^2/NDF : 893493.5/26

0.000+/-0.000 χ^2/NDF : 873636.3/27

yield_bcm_an_ds_mean vs Slug



Right In: 143.763 $\pm$ 0.000 χ^2 /NDF: 3534699505.1/16

Left Out: 148.432 $\pm$ 0.000 χ^2 /NDF:30731523.5/9

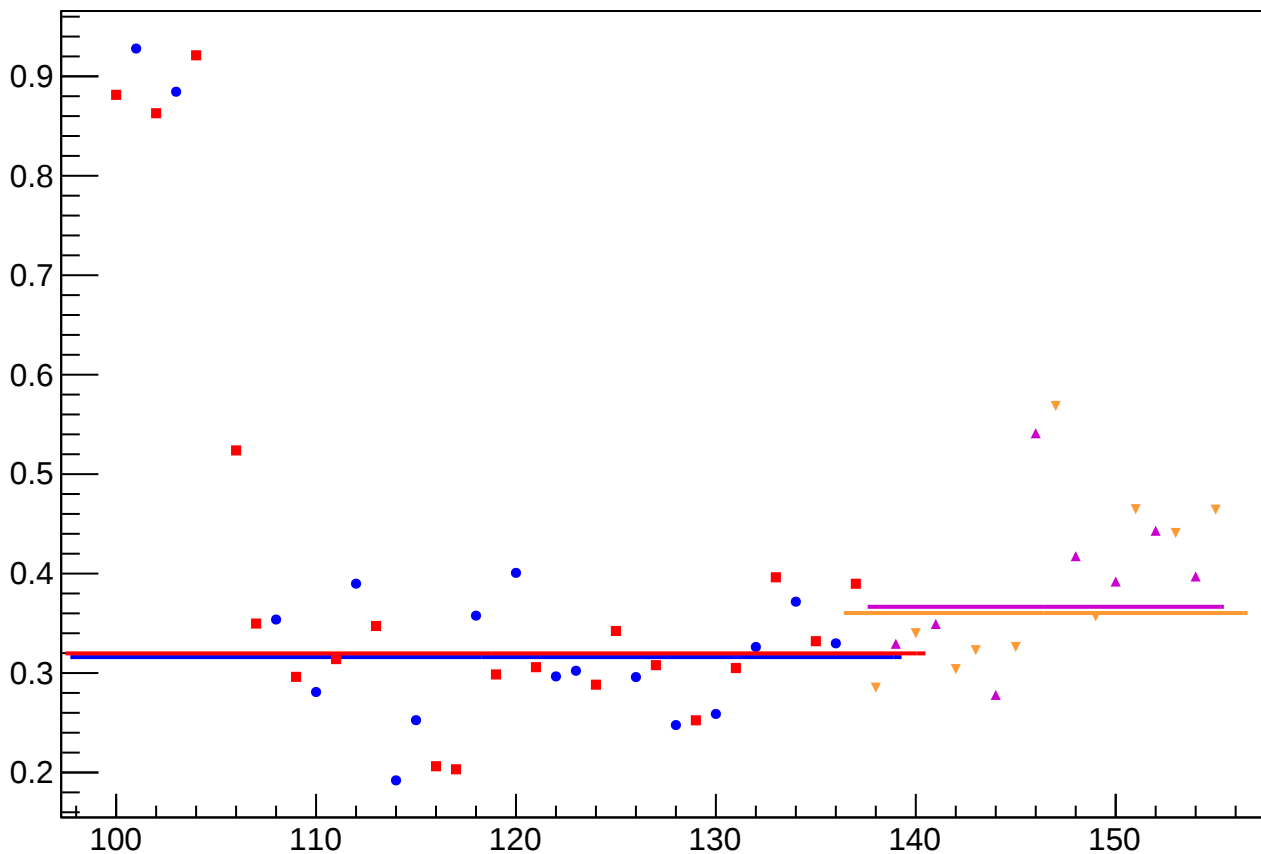
146.022 $\pm$ 0.000 χ^2 /NDF: 4152016263.8/26

Right Out: 144.197 $\pm$ 0.000 χ^2 /NDF: 4523139755.0/19

146.038 $\pm$ 0.000 χ^2 /NDF: 4987957330.5/27

Left In: 148.365 $\pm$ 0.000 χ^2 /NDF:23415671.2/7

yield_bcm_an_ds_rms vs Slug



Right In: 0.316 ± 0.000 χ^2/NDF : 1265921.5/16

Left Out: 0.360 ± 0.000 χ^2/NDF : 566276.9/9

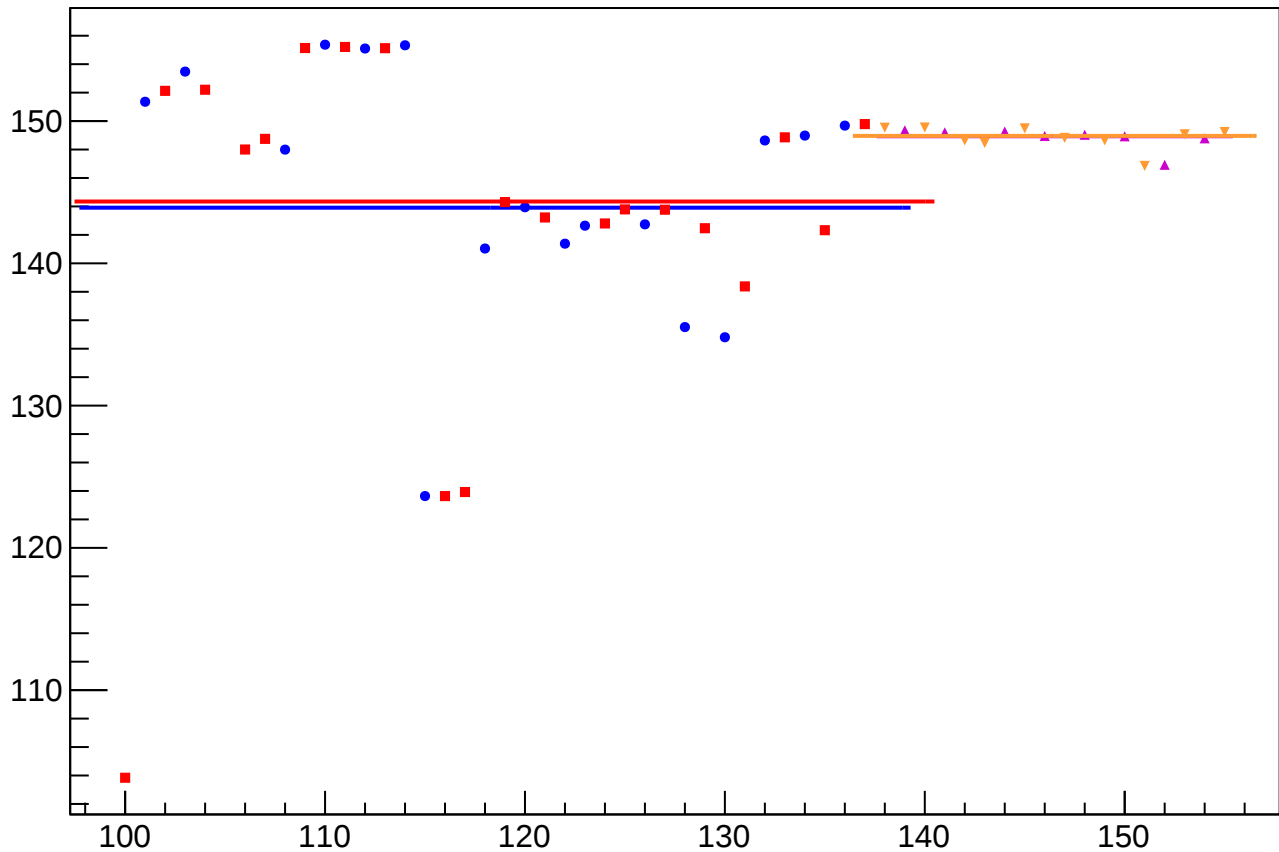
Right Out: 0.320 ± 0.000 χ^2/NDF : 1241752.3/19

Left In: 0.367 ± 0.000 χ^2/NDF : 441682.7/7

0.337 ± 0.000 χ^2/NDF : 1937960.1/26

0.340 ± 0.000 χ^2/NDF : 1794928.9/27

yield_bcm_an_ds3_mean vs Slug



Right In: 143.912 $\pm$ 0.000 χ^2 /NDF: 3587769790.2/16

Left Out: 148.959 $\pm$ 0.000 χ^2 /NDF: 24780455.1/9

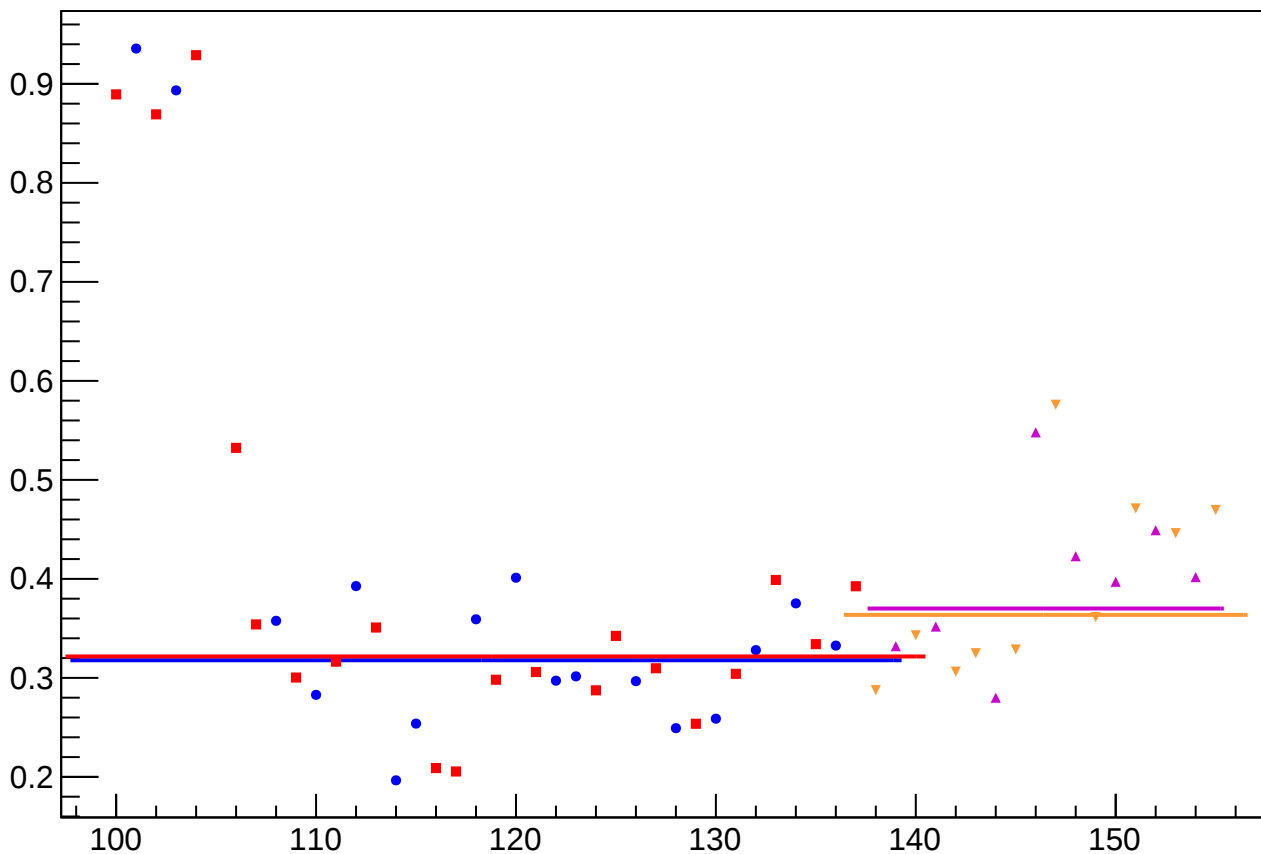
146.344 $\pm$ 0.000 χ^2 /NDF: 4287464133.2/26

Right Out: 144.347 $\pm$ 0.000 χ^2 /NDF: 4550581147.9/19

146.363 $\pm$ 0.000 χ^2 /NDF: 5094465247.5/27

Left In: 148.932 $\pm$ 0.000 χ^2 /NDF: 18475813.4/7

yield_bcm_an_ds3_rms vs Slug



Right In: 0.318 ± 0.000 χ^2/NDF : 1268257.9/16

Left Out: 0.364 ± 0.000 χ^2/NDF : 577148.0/9

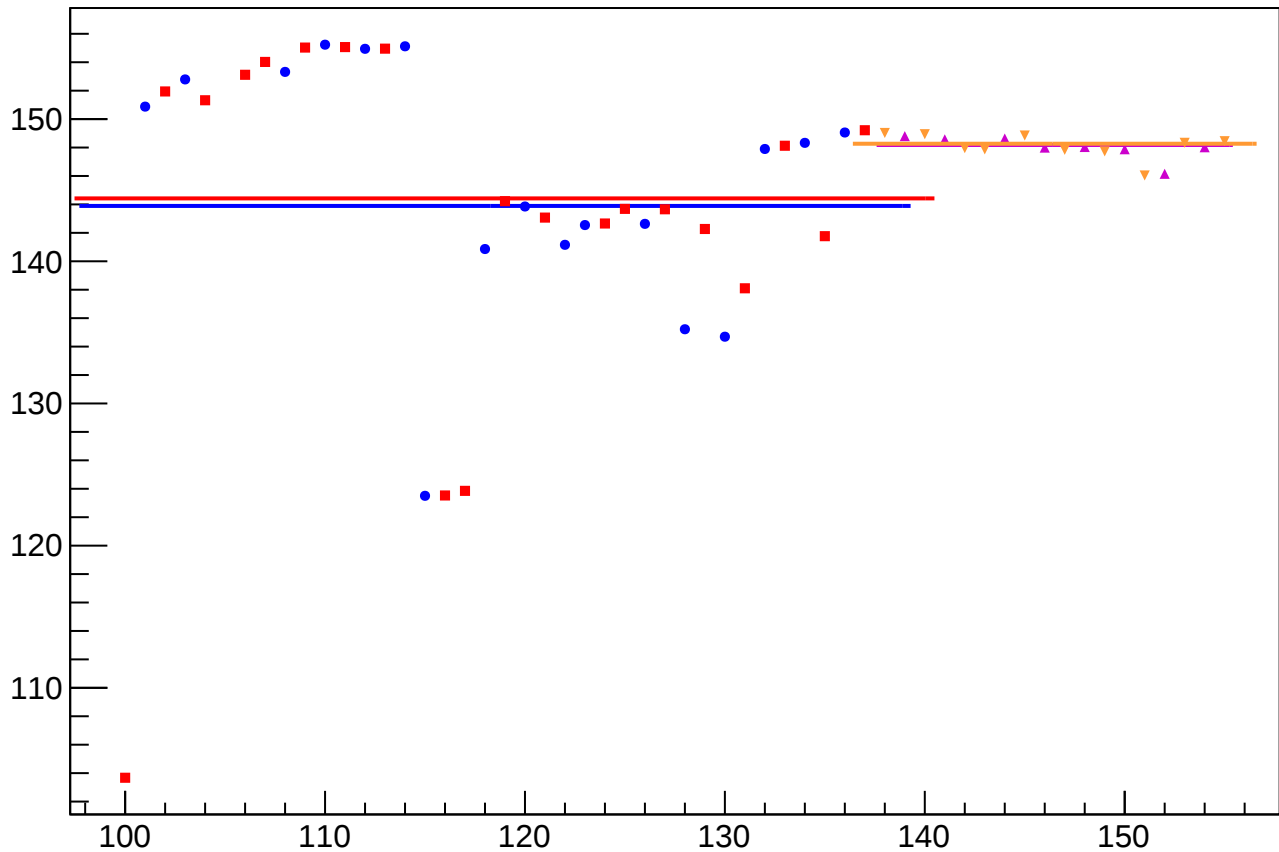
Right Out: 0.322 ± 0.000 χ^2/NDF : 1244304.0/19

Left In: 0.370 ± 0.000 χ^2/NDF : 452478.1/7

0.340 ± 0.000 χ^2/NDF : 1956727.9/26

0.343 ± 0.000 χ^2/NDF : 1814026.2/27

yield_bcm_an_us_mean vs Slug



Right In: 143.893+/-0.000 χ^2/NDF : 3752655677.2/16

Left Out: 148.268+/-0.000 χ^2/NDF : 30900479.6/9

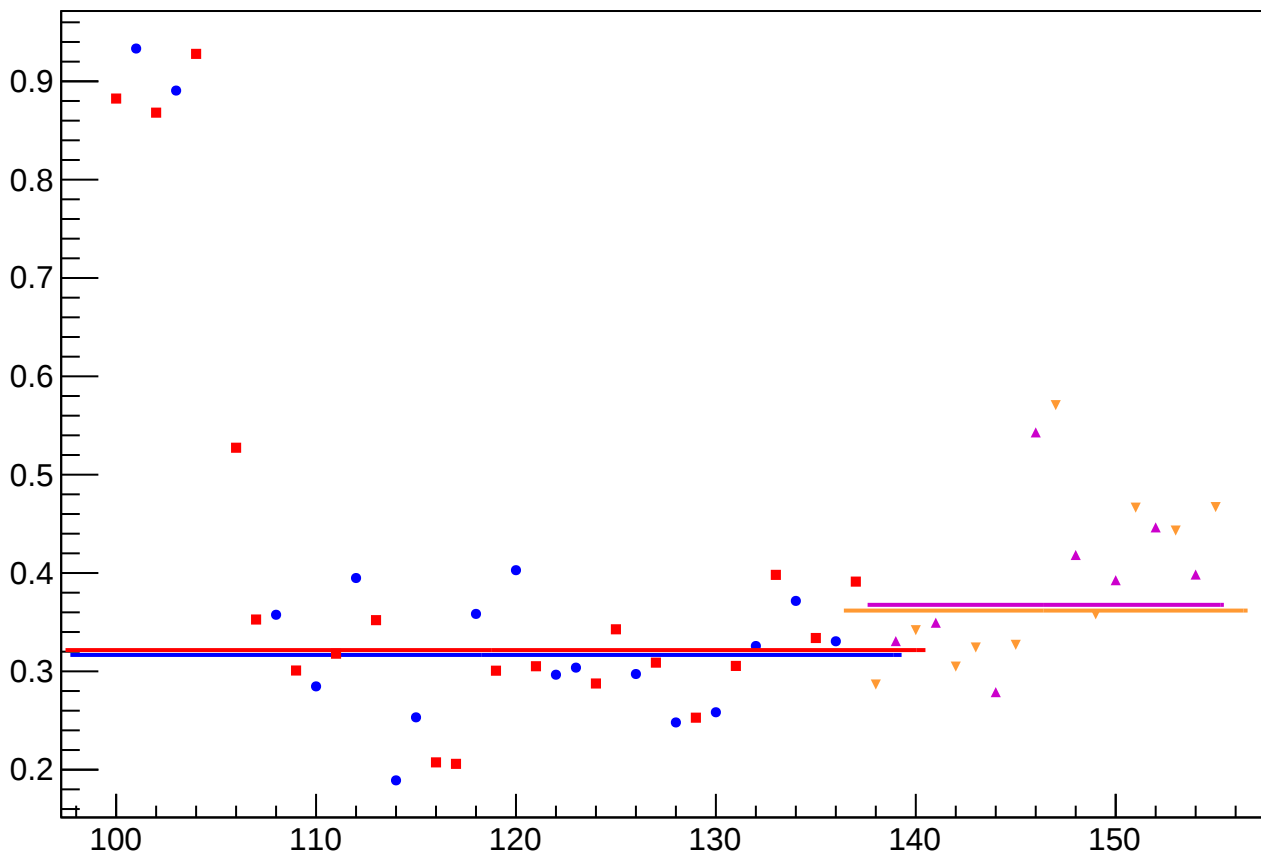
146.007+/-0.000 χ^2/NDF : 4294709760.5/26

Right Out: 144.423+/-0.000 χ^2/NDF : 4819194675.6/19

146.088+/-0.000 χ^2/NDF : 5197237044.8/27

Left In: 148.179+/-0.000 χ^2/NDF : 22626916.8/7

yield_bcm_an_us_rms vs Slug



Right In: 0.317 ± 0.000 χ^2/NDF : 1280358.6/16

Left Out: 0.362 ± 0.000 χ^2/NDF : 567807.7/9

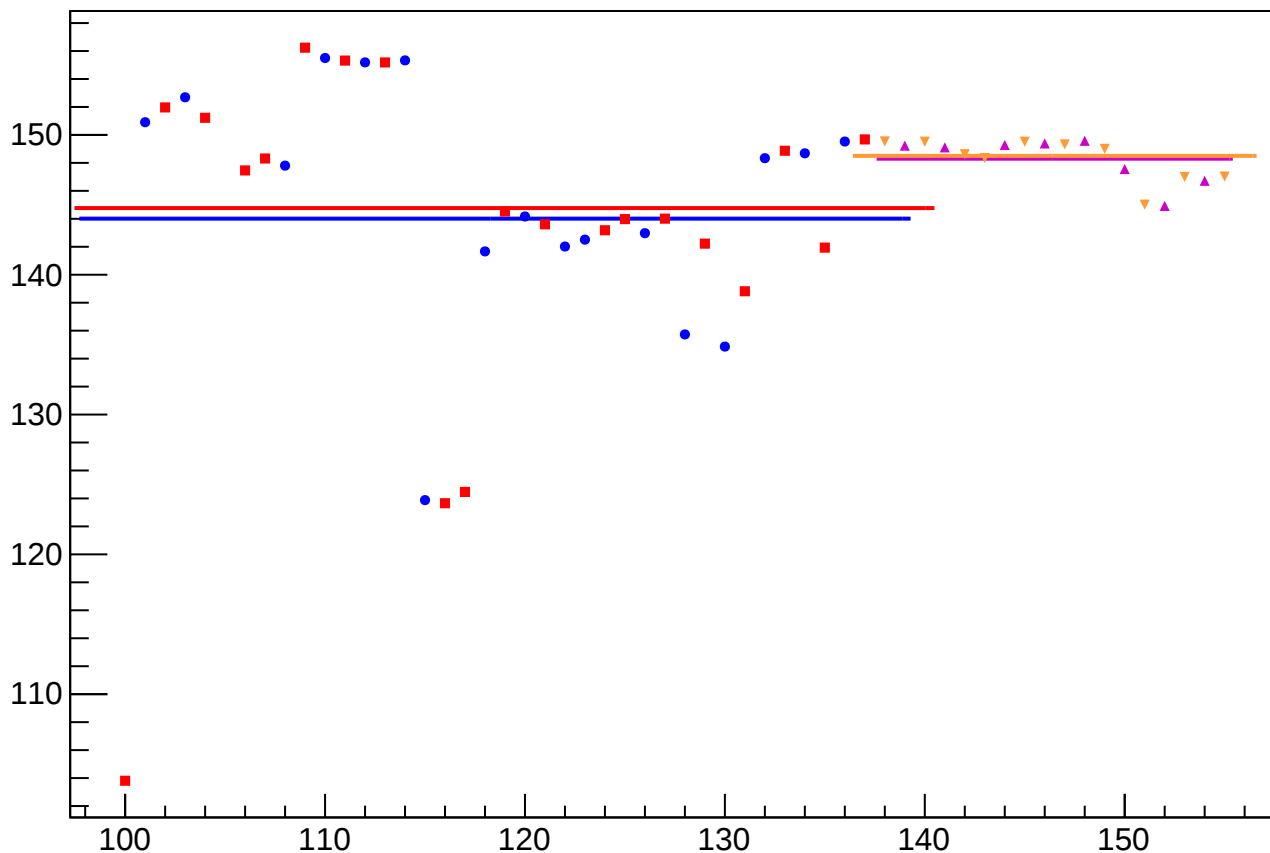
Right Out: 0.322 ± 0.000 χ^2/NDF : 1244671.1/19

Left In: 0.368 ± 0.000 χ^2/NDF : 443721.0/7

0.339 ± 0.000 χ^2/NDF : 1956894.3/26

0.342 ± 0.000 χ^2/NDF : 1795087.8/27

yield_bcm_dg_us_mean vs Slug



Right In: 144.012 $\pm$ 0.000 χ^2 /NDF: 3241696920.3/16

Left Out: 148.504 $\pm$ 0.000 χ^2 /NDF: 80847038.3/9

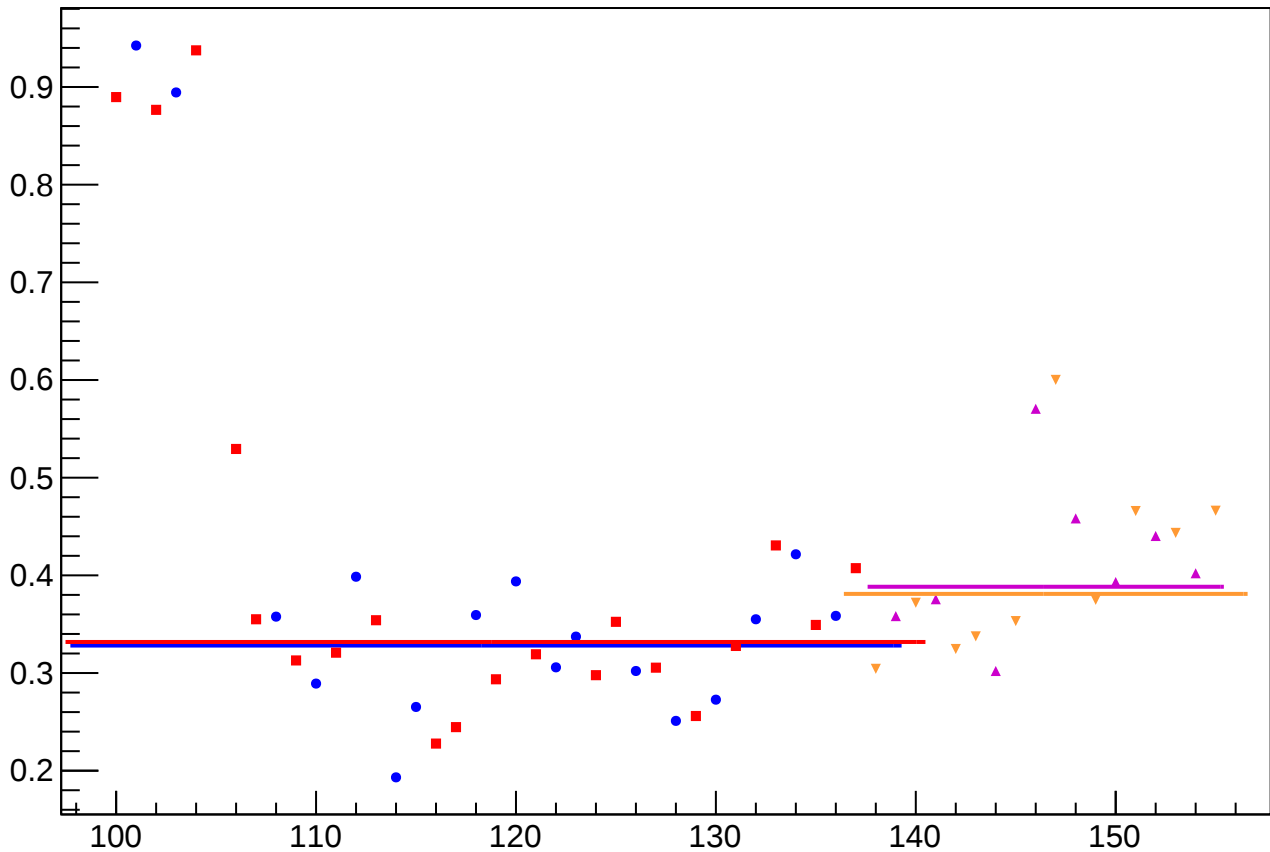
Right Out: 144.767 $\pm$ 0.000 χ^2 /NDF: 4097482970.1/19

Left In: 148.300 $\pm$ 0.000 χ^2 /NDF: 87287935.6/7

146.151 $\pm$ 0.000 χ^2 /NDF: 3815490492.3/26

146.295 $\pm$ 0.000 χ^2 /NDF: 4472988533.8/27

yield_bcm_dg_us_rms vs Slug



Right In: 0.328+/-0.000 χ^2/NDF : 1265892.9/16

Left Out: 0.381+/-0.000 χ^2/NDF : 470999.0/9

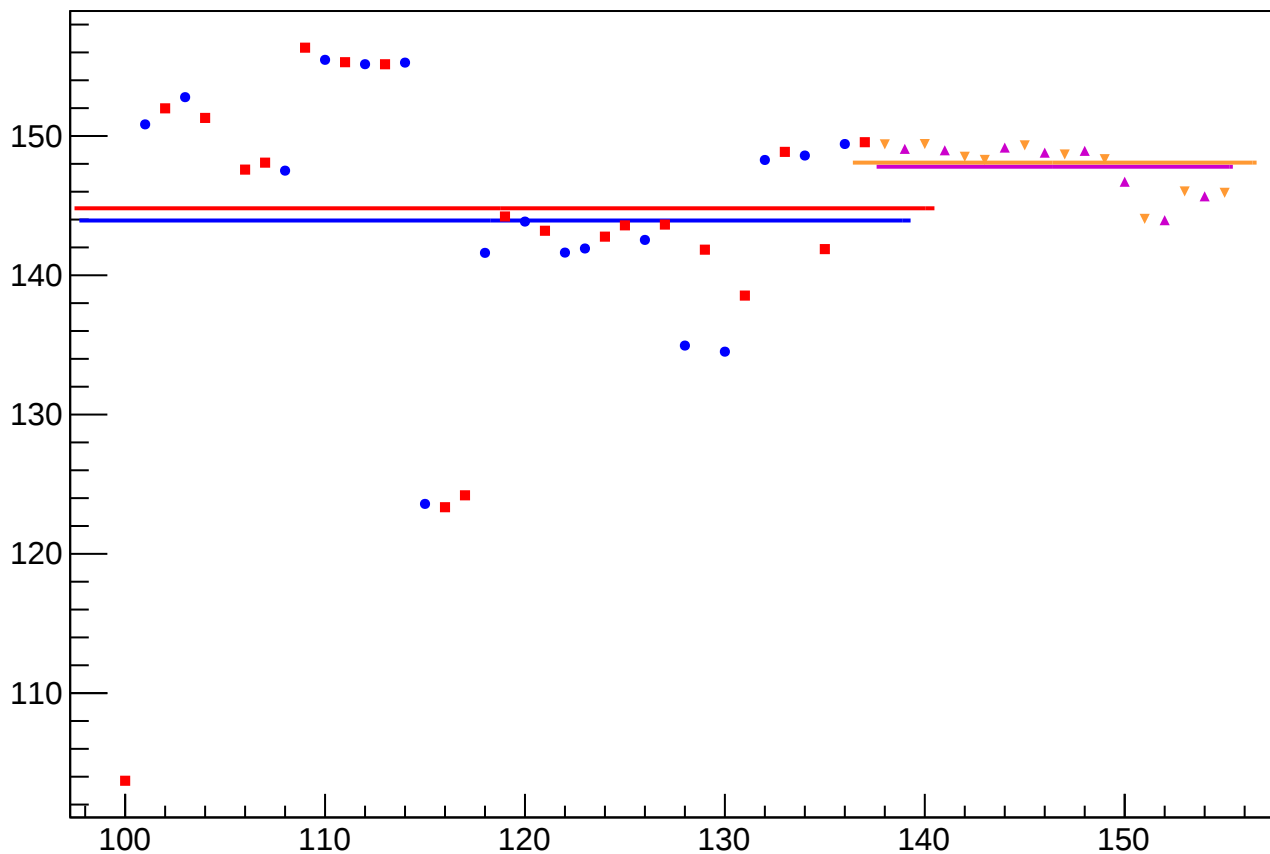
Right Out: 0.332+/-0.000 χ^2/NDF : 1194167.8/19

Left In: 0.388+/-0.000 χ^2/NDF : 365793.5/7

0.353+/-0.000 χ^2/NDF : 1873579.4/26

0.356+/-0.000 χ^2/NDF : 1707609.5/27

yield_bcm_dg_ds_mean vs Slug



Right In: 143.932 $\pm$ 0.000 χ^2 /NDF: 3383012861.2/16

Left Out: 148.088 $\pm$ 0.000 χ^2 /NDF:122752708.8/9

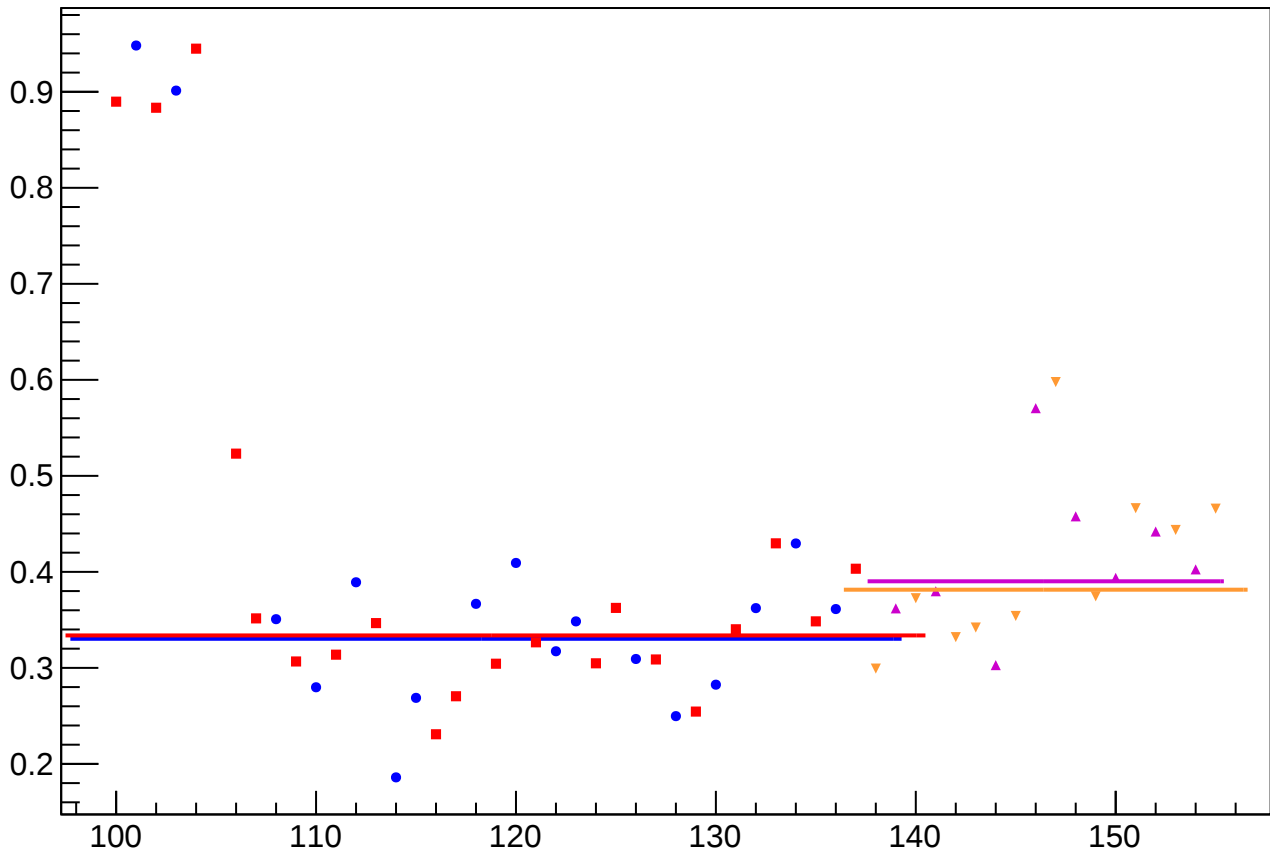
145.924 $\pm$ 0.000 χ^2 /NDF: 3923353962.2/26

Right Out: 144.809 $\pm$ 0.000 χ^2 /NDF: 4138041955.6/19

146.101 $\pm$ 0.000 χ^2 /NDF: 4469480359.8/27

Left In: 147.795 $\pm$ 0.000 χ^2 /NDF:128114847.7/7

yield_bcm_dg_ds_rms vs Slug



Right In: 0.330+/-0.000 χ^2/NDF : 1283955.7/16

Left Out: 0.381+/-0.000 χ^2/NDF : 470730.2/9

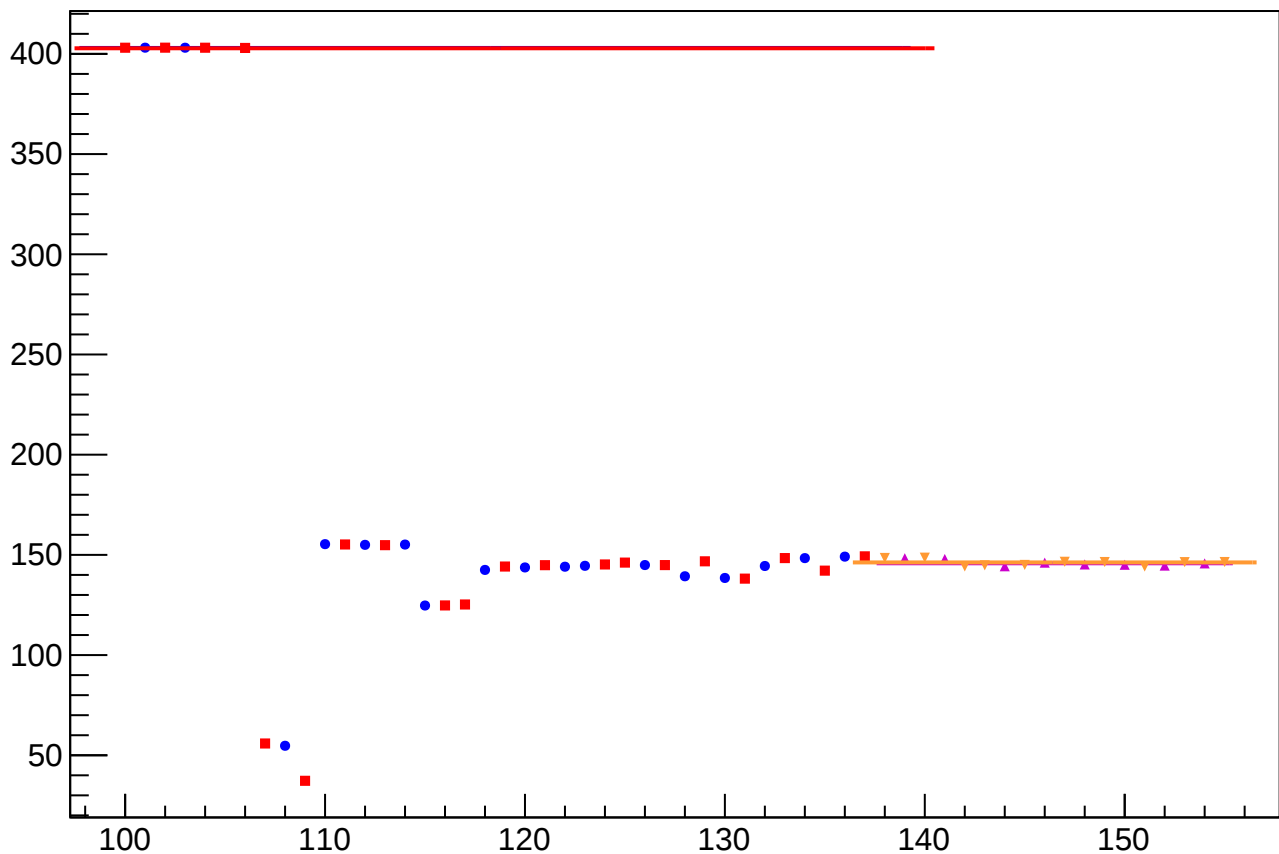
Right Out: 0.334+/-0.000 χ^2/NDF : 1177889.1/19

Left In: 0.390+/-0.000 χ^2/NDF : 358436.1/7

0.355+/-0.000 χ^2/NDF : 1881066.7/26

0.358+/-0.000 χ^2/NDF : 1681295.5/27

yield_cav4bQ_mean vs Slug



Right In: 402.958 $\pm$ 0.000 χ^2 /NDF: 1094364588383.4/16

Left Out: 146.235 $\pm$ 0.000 χ^2 /NDF: 30441685.8/9

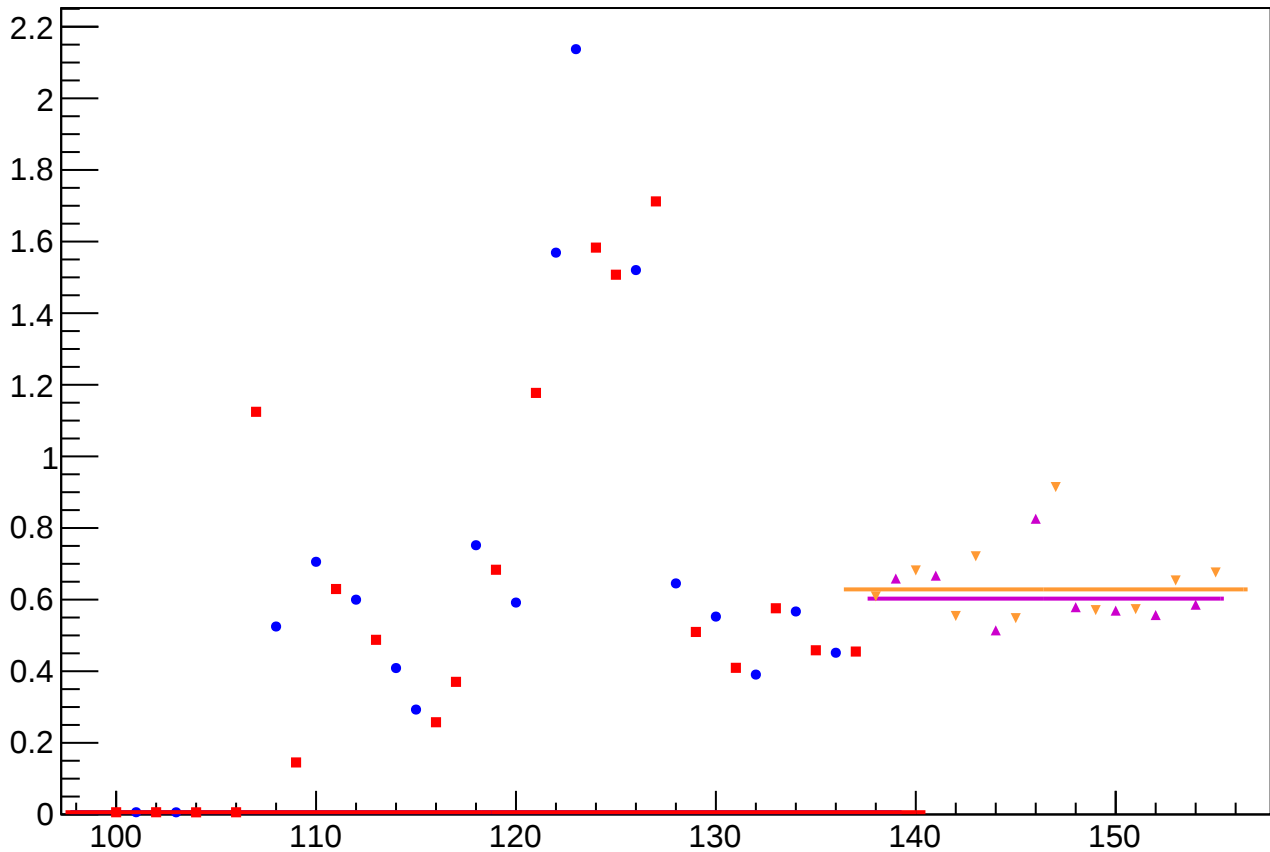
Right Out: 402.797 $\pm$ 0.000 χ^2 /NDF: 3120897866993.6/19

Left In: 145.806 $\pm$ 0.000 χ^2 /NDF: 23720215.4/7

402.857 $\pm$ 0.000 χ^2 /NDF: 1895797360127.0/20

402.709 $\pm$ 0.000 χ^2 /NDF: 3913318317442.0/27

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 9079322.7/16

Left Out: 0.629+/-0.000 χ^2/NDF :175293.2/9

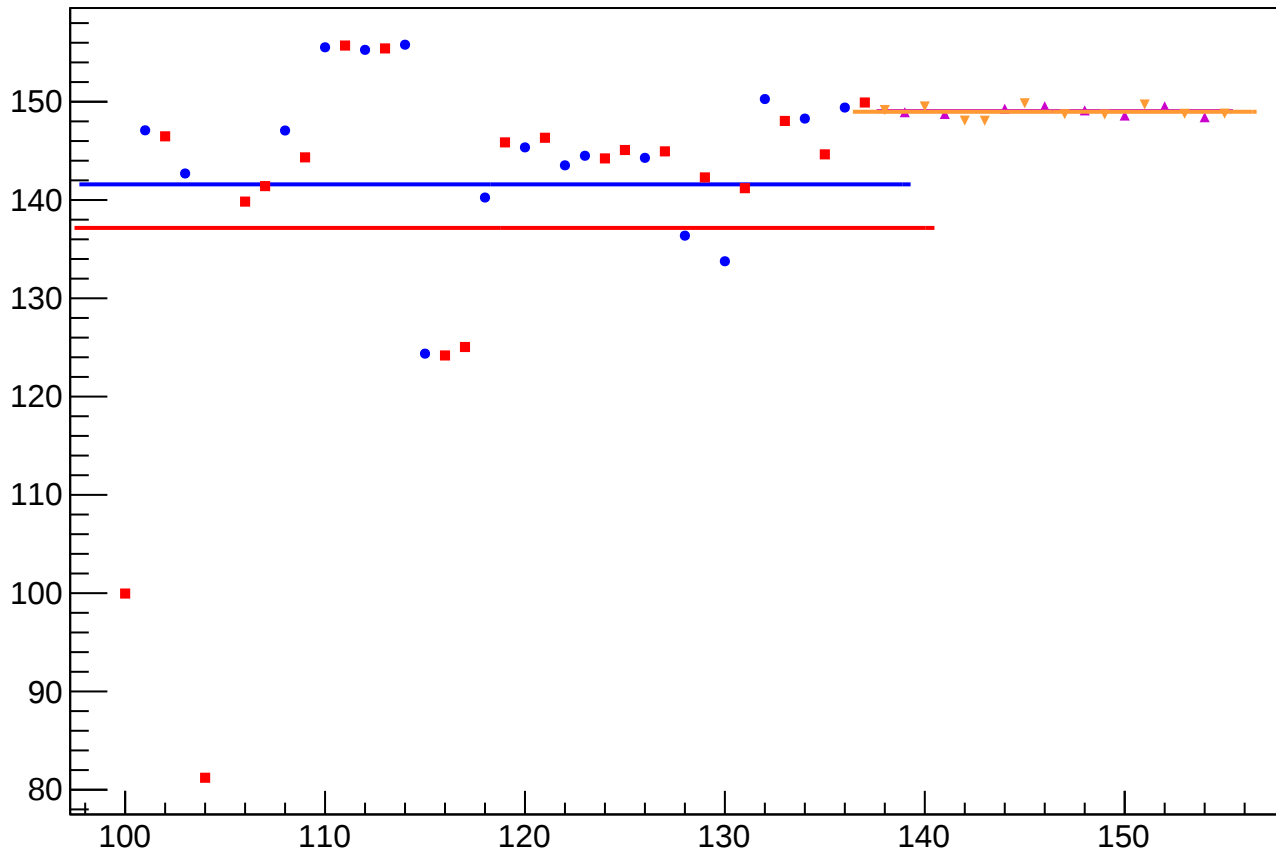
0.007+/-0.000 χ^2/NDF : 18670559.5/26

Right Out: 0.006+/-0.000 χ^2/NDF : 9258244.0/19

0.007+/-0.000 χ^2/NDF : 17936956.3/27

Left In: 0.603+/-0.000 χ^2/NDF :142629.0/7

yield_cav4cQ_mean vs Slug



Right In: 141.593 $\pm$ 0.000 χ^2 /NDF: 980101868.2/16

Left Out: 148.980 $\pm$ 0.000 χ^2 /NDF: 8504536.5/9

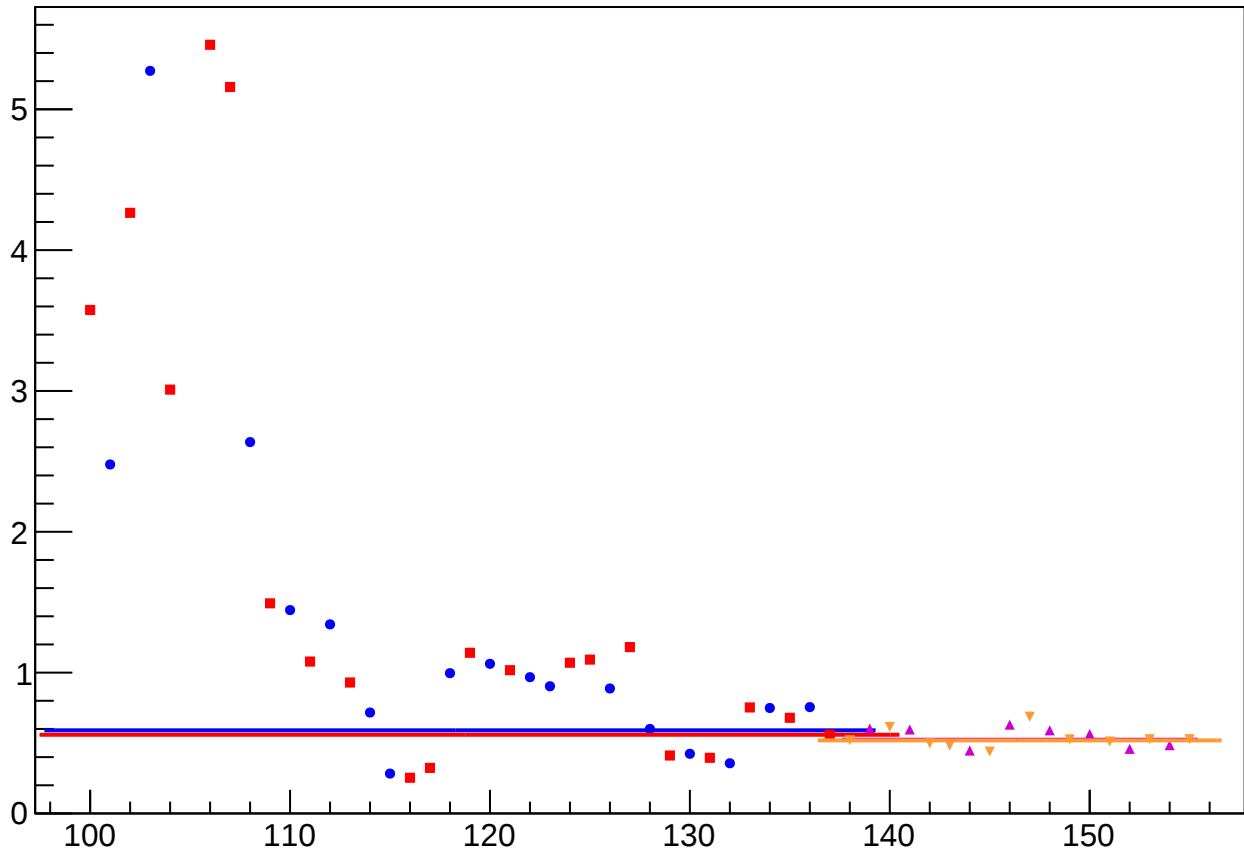
146.719 $\pm$ 0.000 χ^2 /NDF: 1370832037.2/26

Right Out: 137.162 $\pm$ 0.000 χ^2 /NDF: 1366089515.6/19

144.854 $\pm$ 0.000 χ^2 /NDF: 2370843845.7/27

Left In: 149.046 $\pm$ 0.000 χ^2 /NDF: 3587787.6/7

yield_cav4cQ_rms vs Slug



Right In: 0.590 ± 0.000 χ^2/NDF : 3491995.1/16

Left Out: 0.519 ± 0.000 χ^2/NDF : 163834.6/9

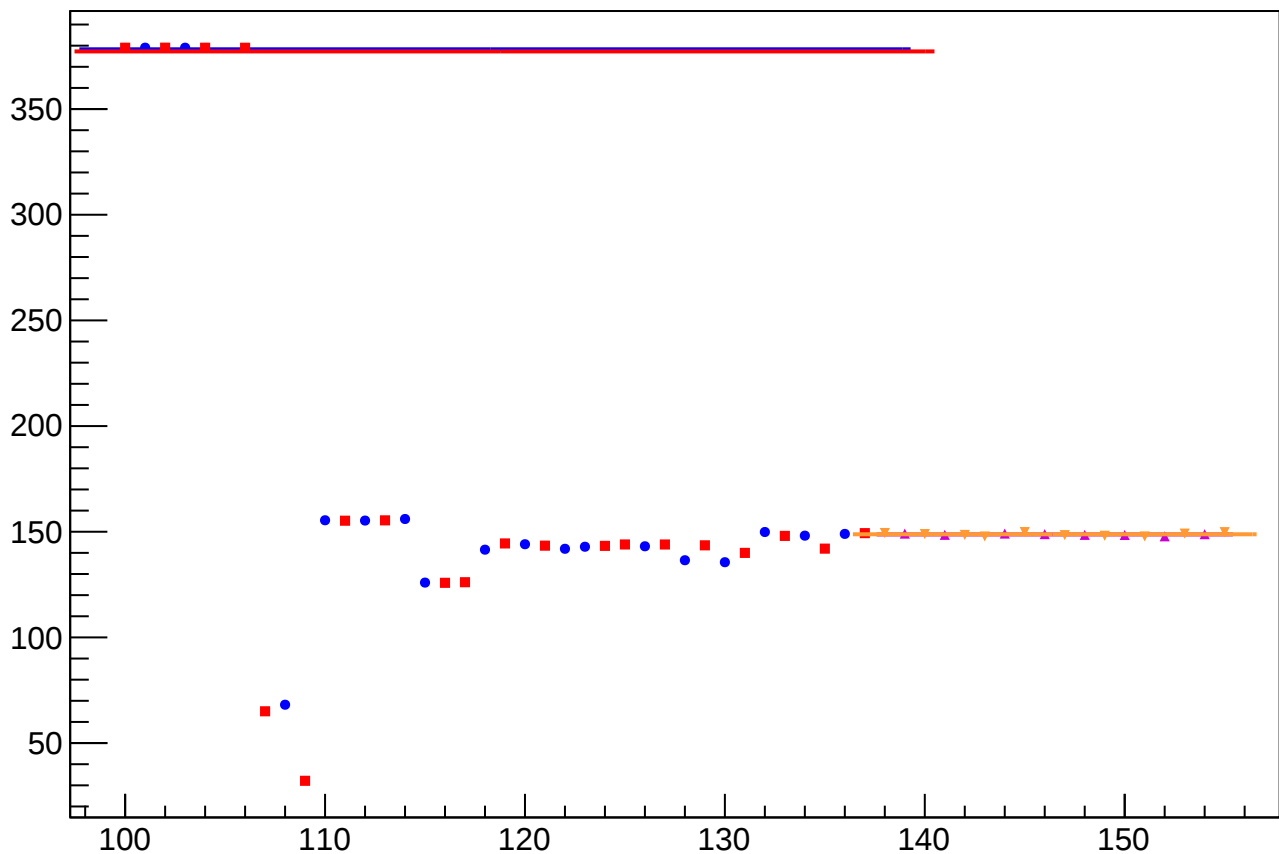
Right Out: 0.559 ± 0.000 χ^2/NDF : 4721291.1/19

Left In: 0.524 ± 0.000 χ^2/NDF : 188212.7/7

0.541 ± 0.000 χ^2/NDF : 3727396.1/26

0.536 ± 0.000 χ^2/NDF : 4926999.8/27

yield_cav4dQ_mean vs Slug



Right In: 378.283+/-0.000 χ^2/NDF : 2508313421453.8/16

Left Out: 148.798+/-0.000 χ^2/NDF : 22771109.7/9

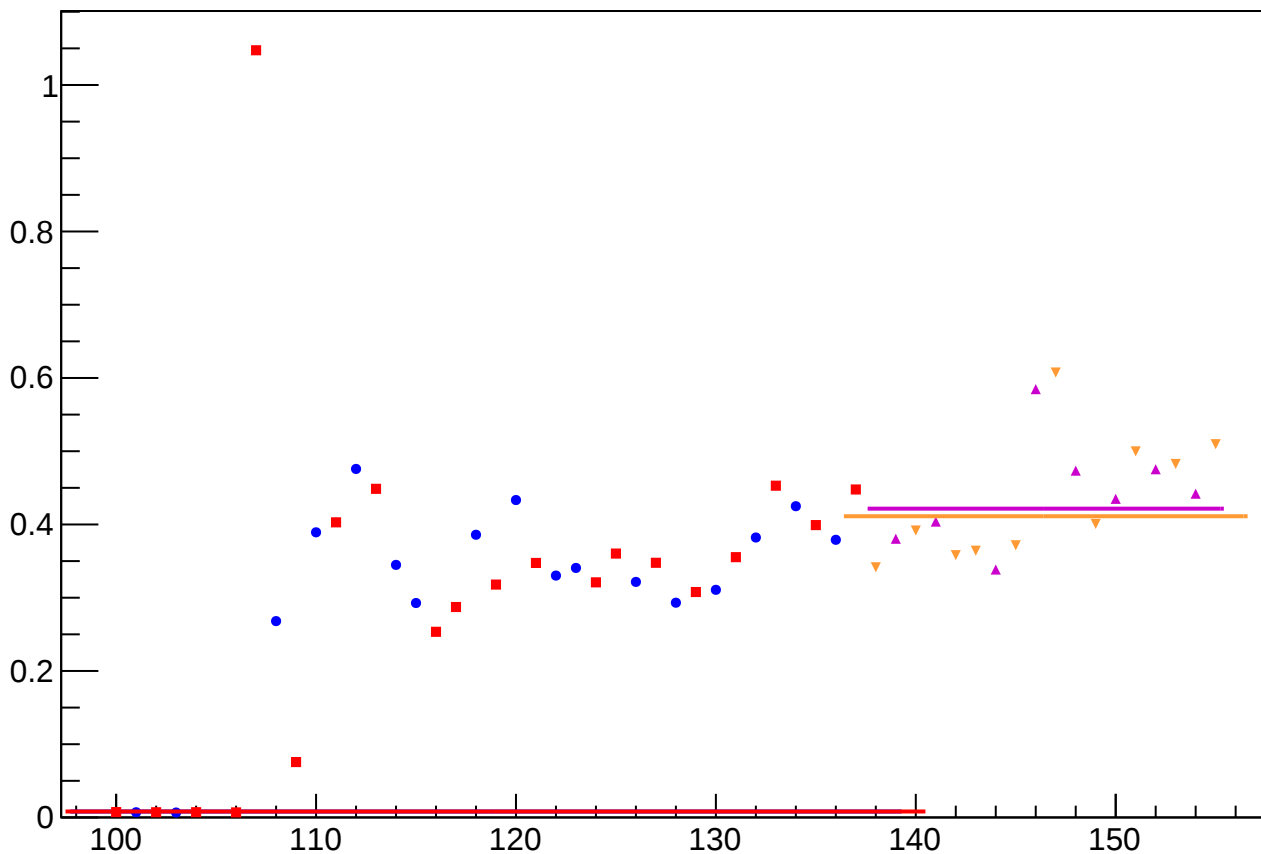
Right Out: 377.280+/-0.000 χ^2/NDF : 8313240281527.9/19

Left In: 148.726+/-0.000 χ^2/NDF : 5474074.9/7

377.583+/-0.000 χ^2/NDF : 4645220218551.4/20

376.753+/-0.000 χ^2/NDF : 10141548973917.3/20

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 9806719.4/16

Left Out: 0.411+/-0.000 χ^2/NDF : 412769.1/9

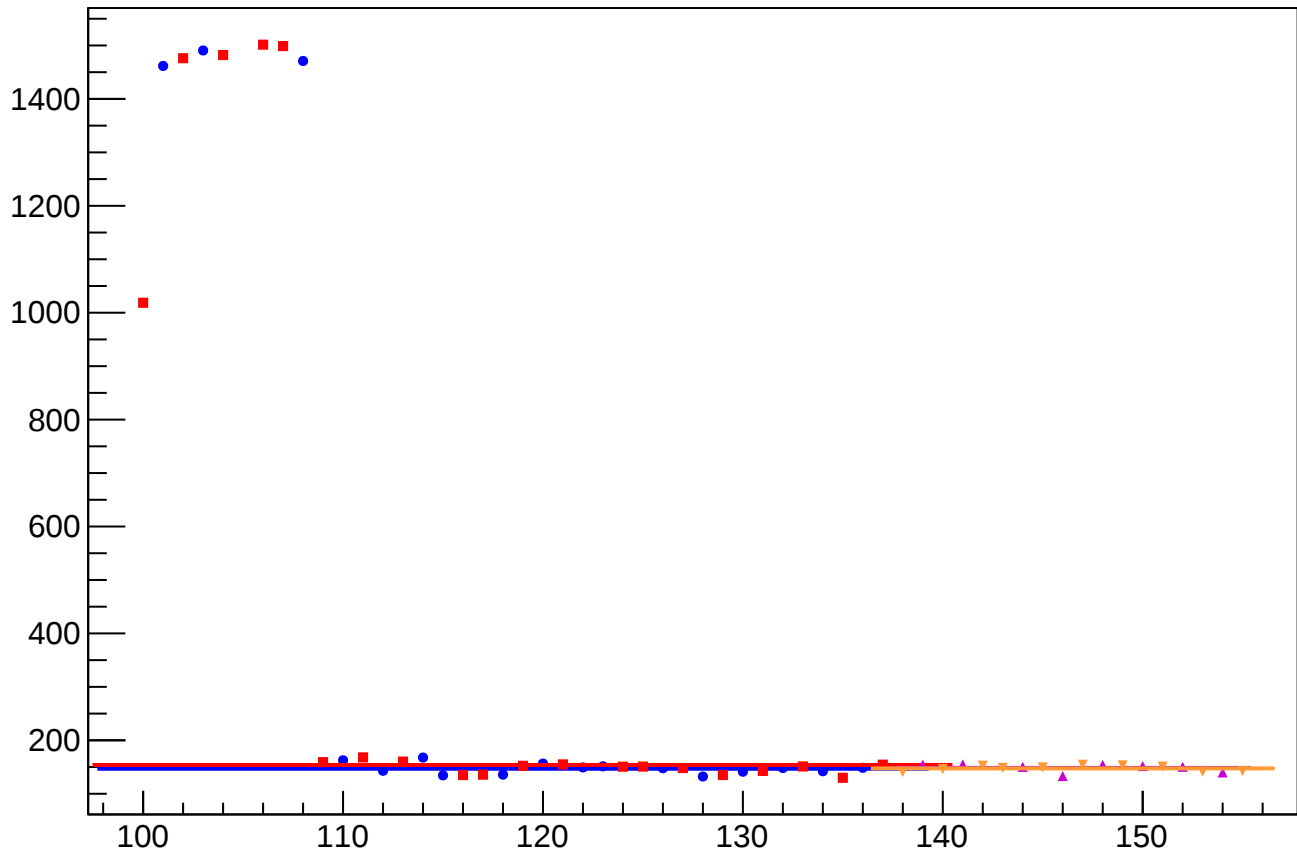
Right Out: 0.008+/-0.000 χ^2/NDF : 9589375.6/19

Left In: 0.422+/-0.000 χ^2/NDF : 288849.7/7

0.009+/-0.000 χ^2/NDF : 23406222.9/26

0.009+/-0.000 χ^2/NDF : 21843877.4/27

yield_bcm0l02_mean vs Slug



Right In: 146.819+/-0.000 χ^2/NDF : 24360774977.7/16

Left Out: 147.456+/-0.000 χ^2/NDF : 182552239.8/9

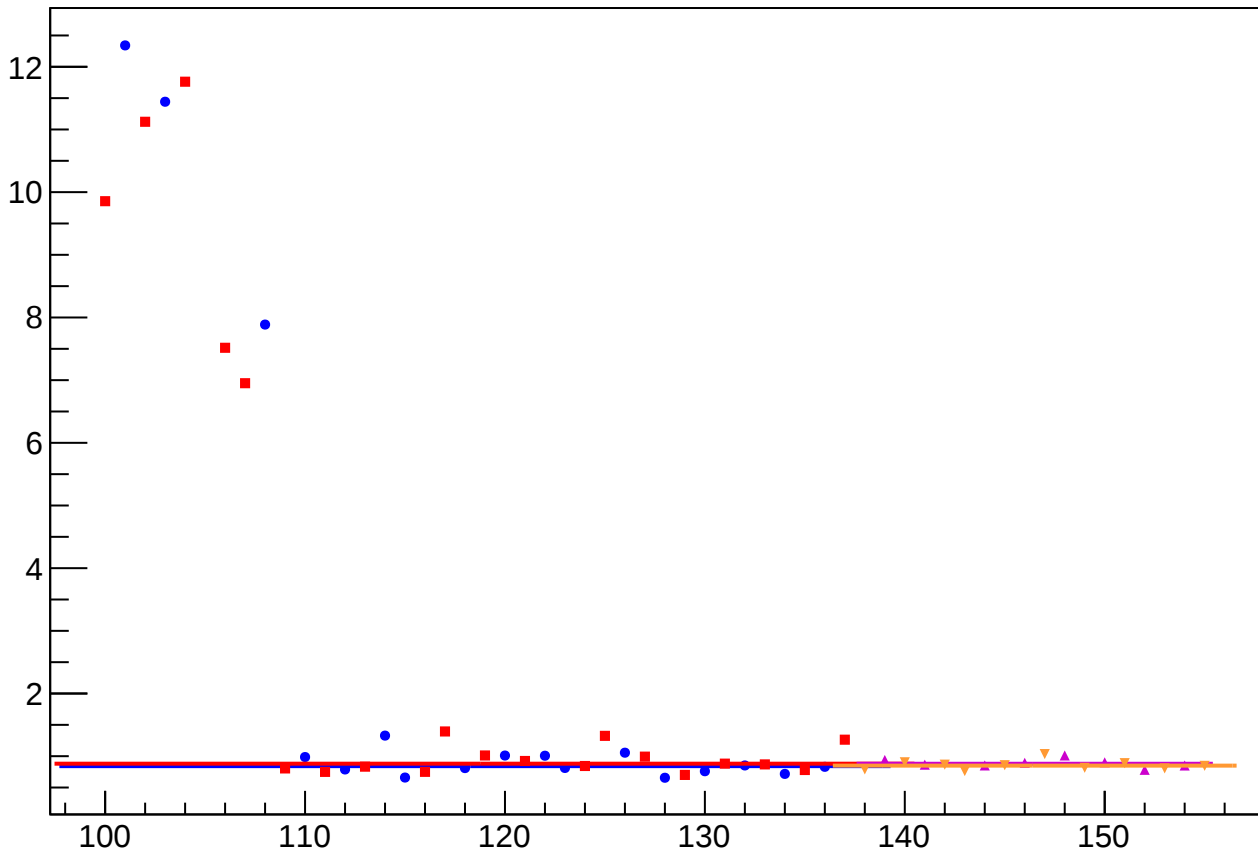
Right Out: 153.832+/-0.000 χ^2/NDF : 33744235949.2/19

Left In: 148.337+/-0.000 χ^2/NDF : 365481037.1/7

147.199+/-0.000 χ^2/NDF : 24544615956.5/26

150.753+/-0.000 χ^2/NDF : 34199514870.3/27

yield_bcm0l02_rms vs Slug



Right In: 0.841 ± 0.000 χ^2/NDF : 2662395.1/16

Left Out: 0.849 ± 0.000 χ^2/NDF : 74276.8/9

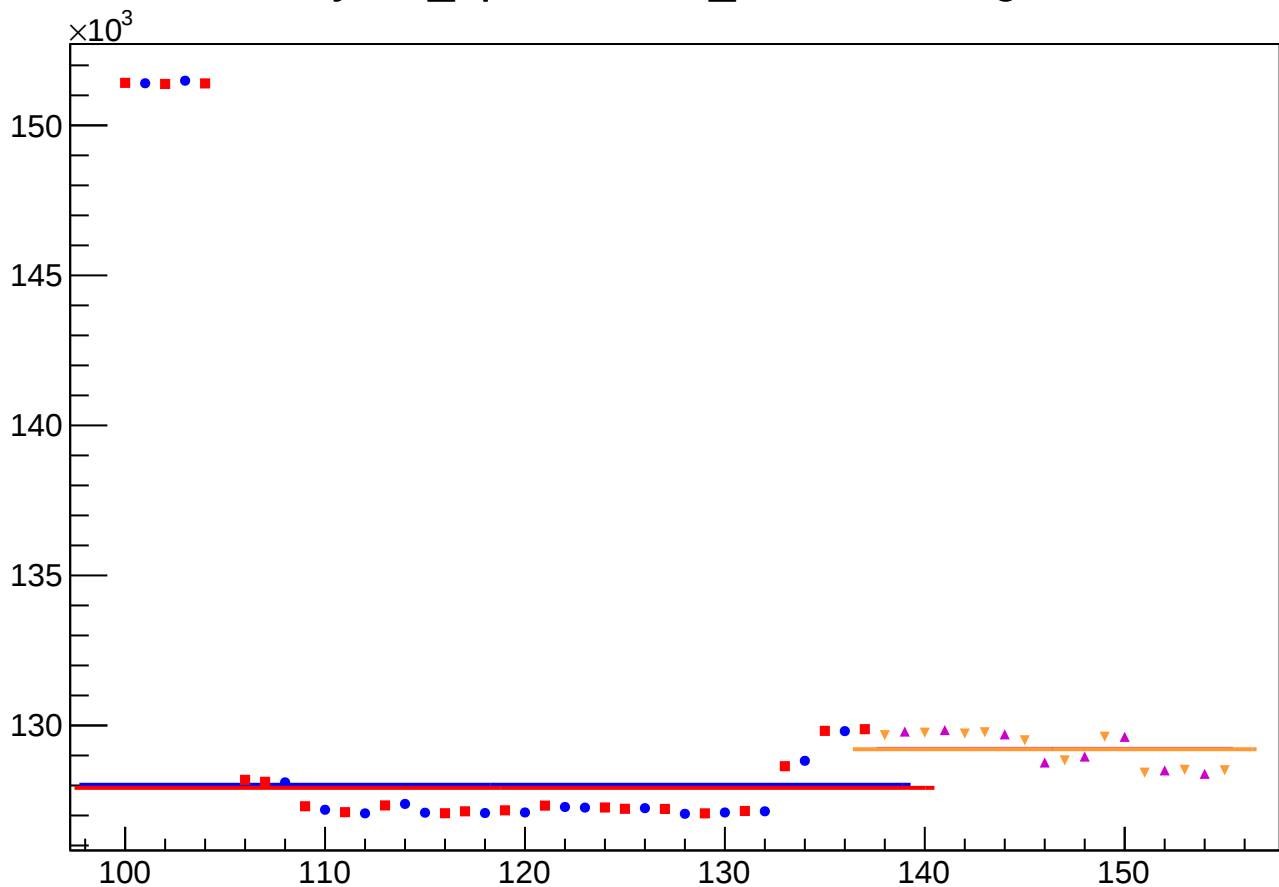
Right Out: 0.880 ± 0.000 χ^2/NDF : 2825356.7/19

Left In: 0.879 ± 0.000 χ^2/NDF : 54045.9/7

0.846 ± 0.000 χ^2/NDF : 2737095.1/26

0.880 ± 0.000 χ^2/NDF : 2879411.6/27

yield_bpm2i01WS_mean vs Slug



Right In: 128023.527 $\pm$ 0.055 χ^2 /NDF: 4316540586.9/16

Left Out: 129208.692 $\pm$ 0.063 χ^2 /NDF: 79213676.5/9

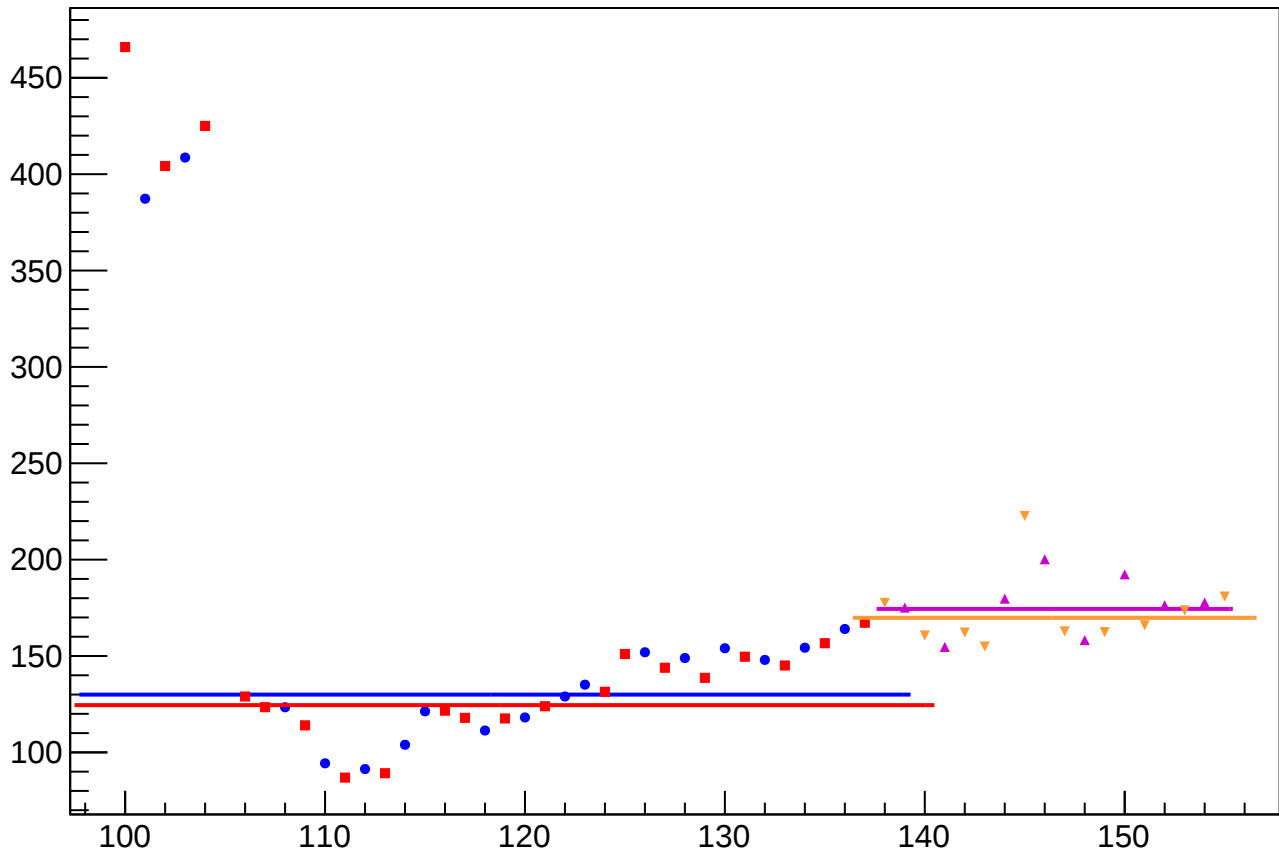
Right Out: 127921.299 $\pm$ 0.050 χ^2 /NDF: 3768965324.4/19

Left In: 129219.130 $\pm$ 0.069 χ^2 /NDF: 69060866.3/7

128528.202 $\pm$ 0.041 χ^2 /NDF: 4596842051.2/26

128372.695 $\pm$ 0.041 χ^2 /NDF: 4070724046.9/27

yield_bpm2i01WS_rms vs Slug



Right In: 129.980 $\pm$ 0.039 χ^2 /NDF: 1485519.5/16

Left Out: 169.827 $\pm$ 0.045 χ^2 /NDF:121379.6/9

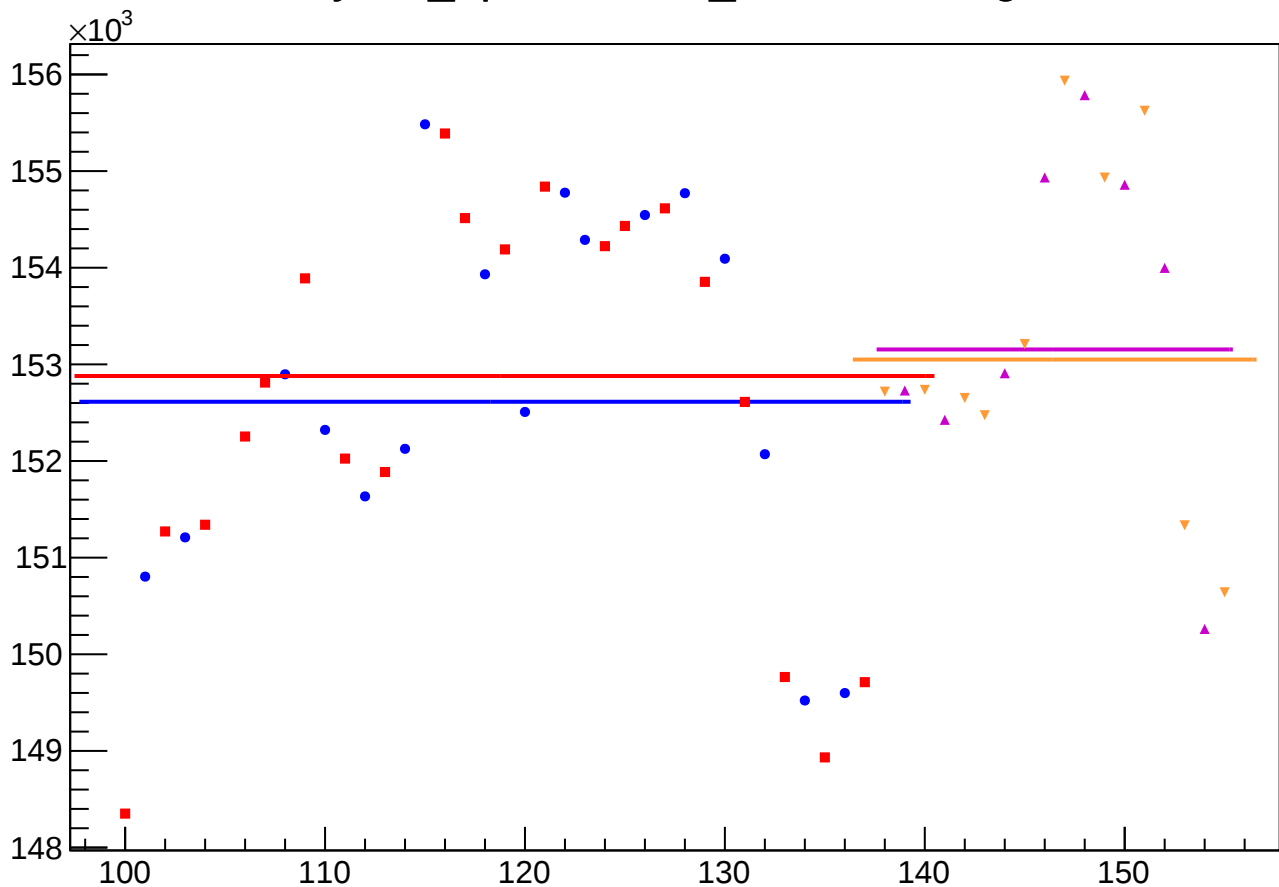
146.948 $\pm$ 0.029 χ^2 /NDF: 2061526.0/26

Right Out: 124.514 $\pm$ 0.035 χ^2 /NDF: 1531546.7/19

141.878 $\pm$ 0.029 χ^2 /NDF: 2307275.3/27

Left In: 174.439 $\pm$ 0.049 χ^2 /NDF:87047.7/7

yield_bpm0i07WS_mean vs Slug



Right In: 152613.122 ± 0.072 $\chi^2/\text{NDF}: 623356098.4/16$

Left Out: 153049.862 ± 0.071 $\chi^2/\text{NDF}: 490003303.5/9$

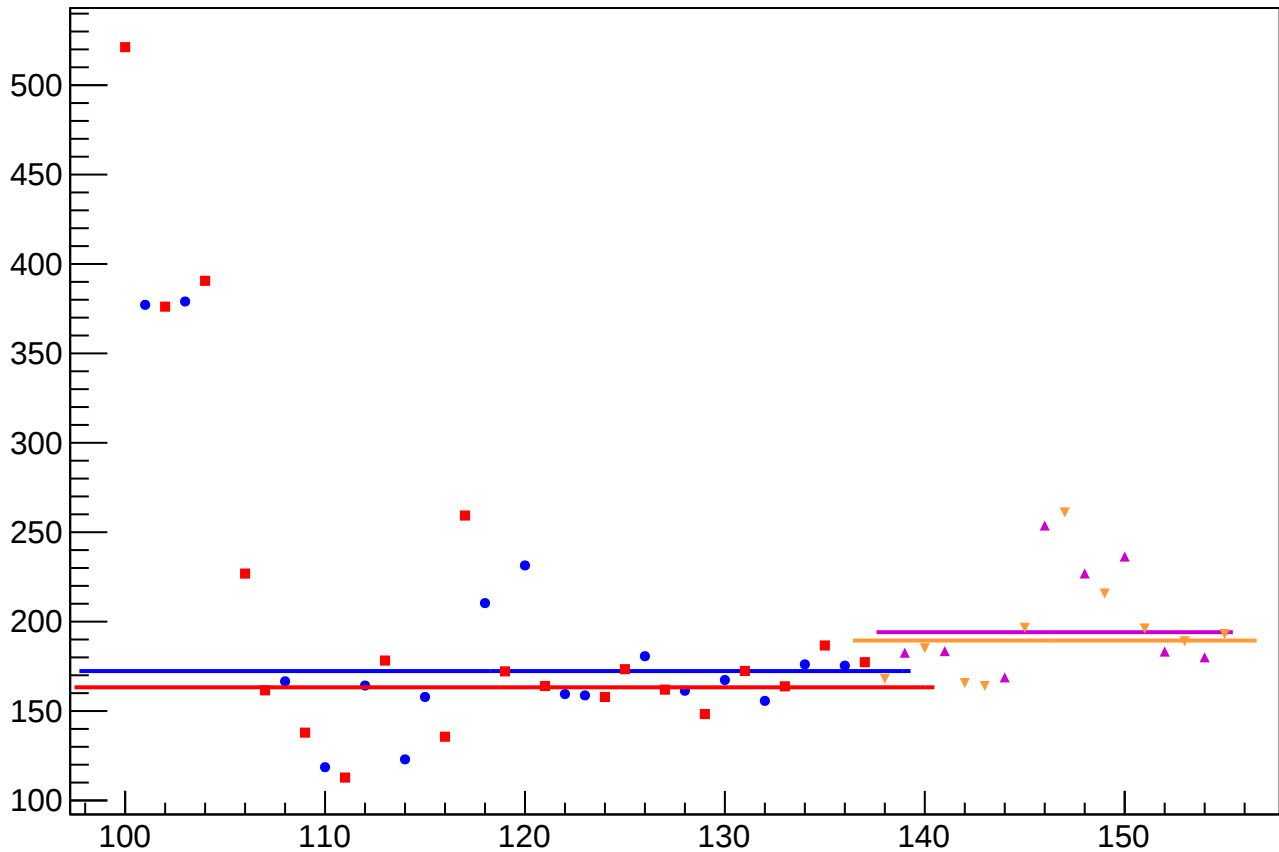
Right Out: 152879.455 ± 0.066 $\chi^2/\text{NDF}: 717907168.5/19$

Left In: 153154.368 ± 0.077 $\chi^2/\text{NDF}: 437176142.1/7$

152834.919 ± 0.051 $\chi^2/\text{NDF}: 1131907866.7/26$

152995.921 ± 0.050 $\chi^2/\text{NDF}: 1162408572.5/27$

yield_bpm0i07WS_rms vs Slug



Right In: 172.351+/-0.051 χ^2/NDF : 921911.1/16

Left Out: 189.424+/-0.050 χ^2/NDF : 217365.5/9

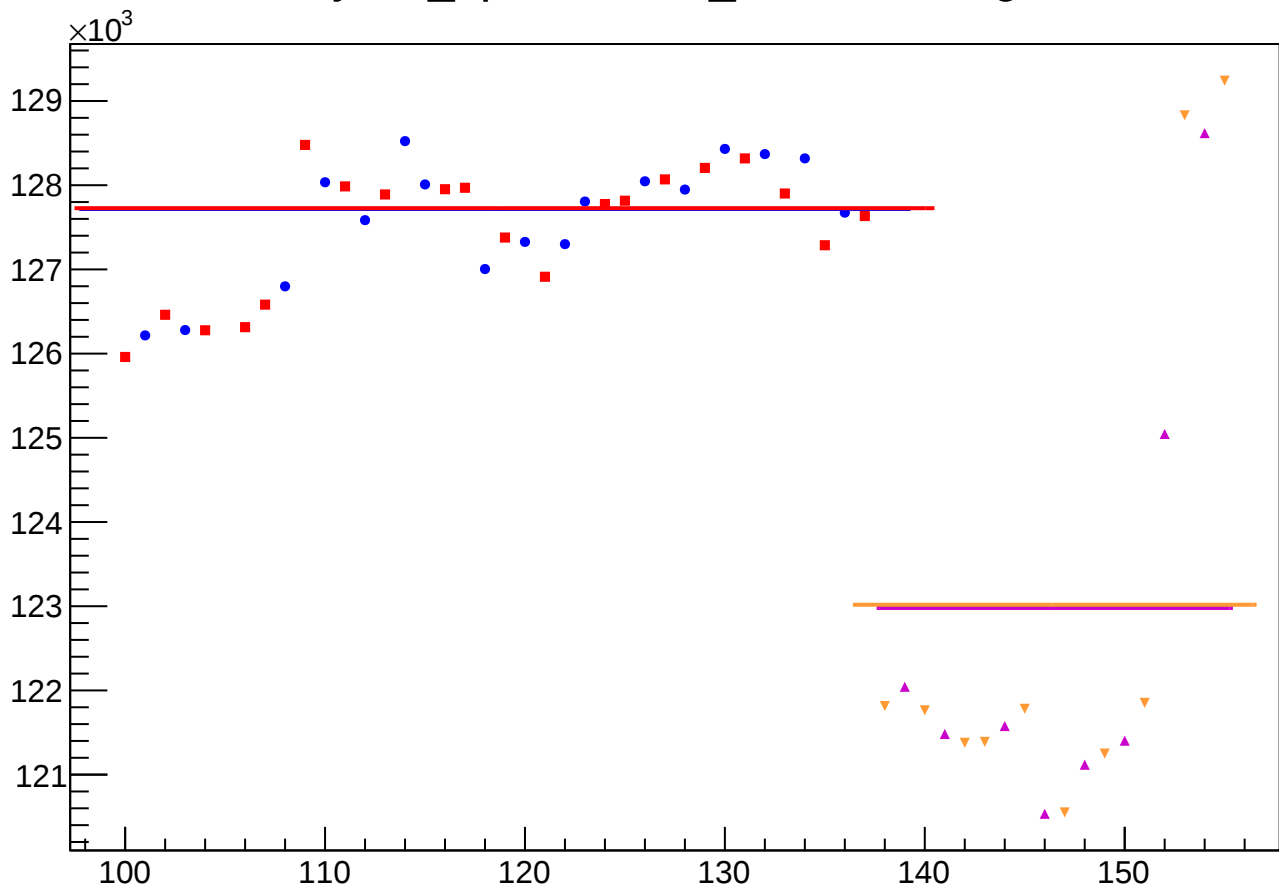
181.022+/-0.036 χ^2/NDF : 1195968.3/26

Right Out: 163.273+/-0.047 χ^2/NDF : 1043440.1/19

176.327+/-0.035 χ^2/NDF : 1466834.1/27

Left In: 194.086+/-0.055 χ^2/NDF : 239342.3/7

yield_bpm0l01WS_mean vs Slug



Right In: 127717.888 $\pm$ 0.058 χ^2 /NDF: 95177660.2/16

Left Out: 123017.382 $\pm$ 0.062 χ^2 /NDF: 2340980886.1/9

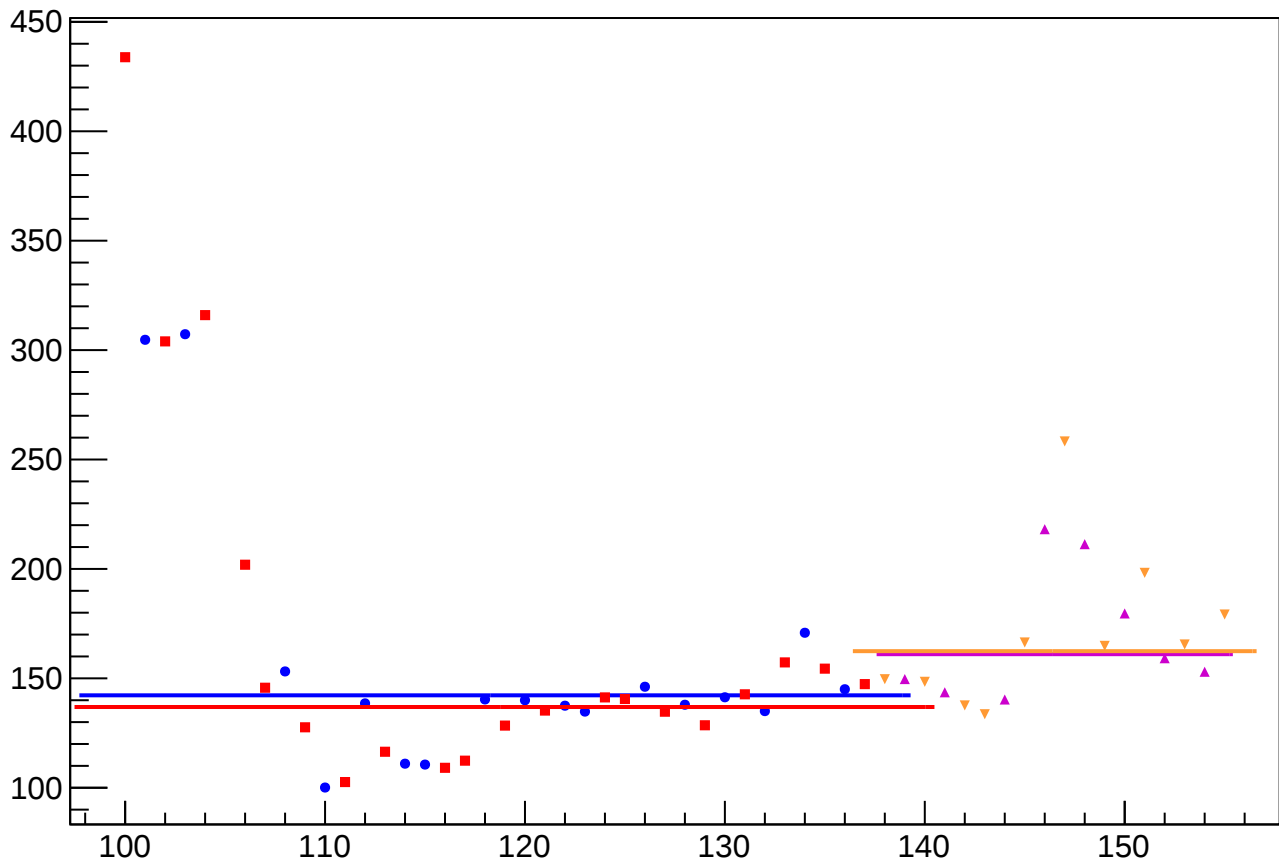
Right Out: 127726.969 $\pm$ 0.054 χ^2 /NDF: 112752557.5/19

Left In: 122978.954 $\pm$ 0.064 χ^2 /NDF: 1672176367.9/7

125506.213 $\pm$ 0.042 χ^2 /NDF: 5496423910.0/20

125757.287 $\pm$ 0.041 χ^2 /NDF: 4962749153.3/27

yield_bpm0l01WS_rms vs Slug



Right In: 142.240+/-0.041 χ^2/NDF : 836415.1/16

Left Out: 162.421+/-0.044 χ^2/NDF : 387619.6/9

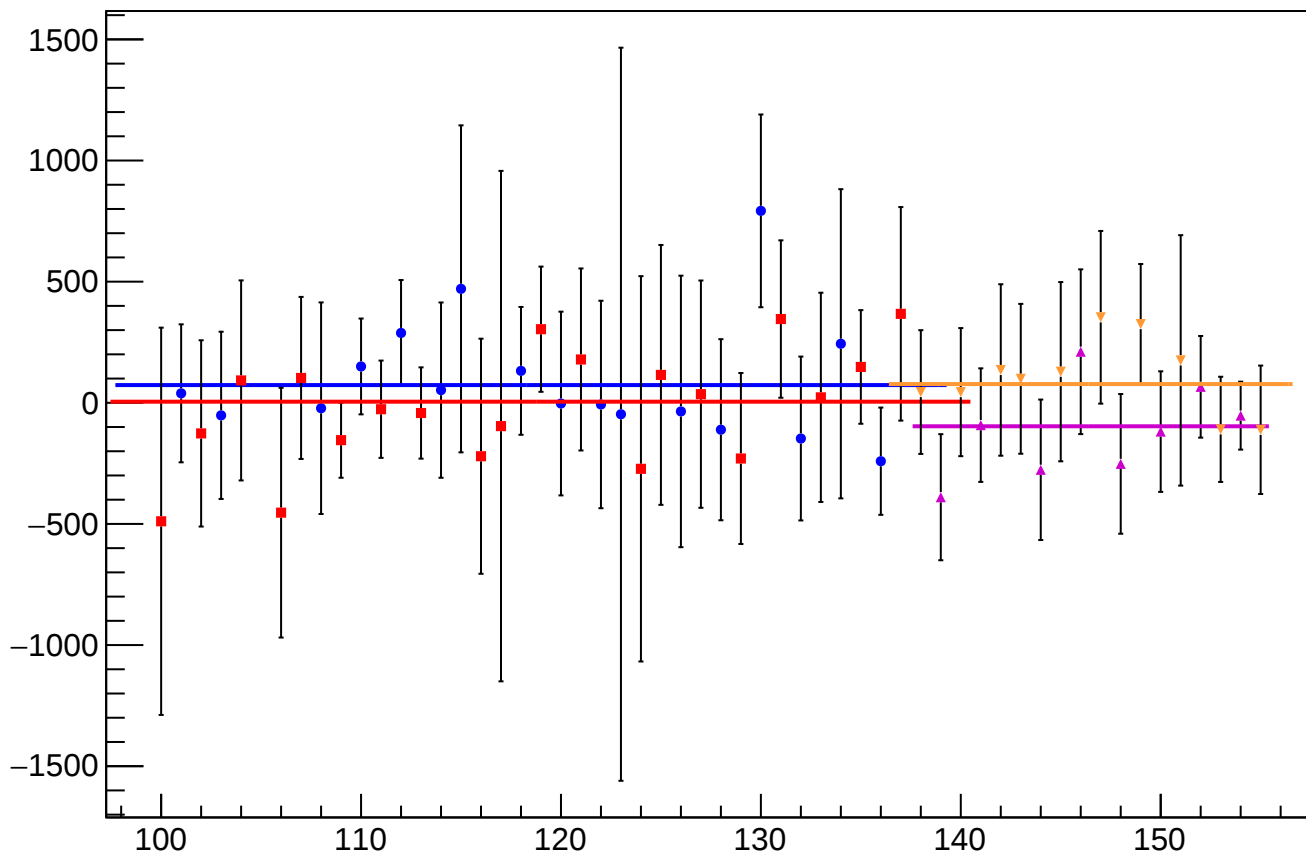
Right Out: 136.904+/-0.038 χ^2/NDF : 961858.5/19

Left In: 161.041+/-0.046 χ^2/NDF : 285866.0/7

151.736+/-0.030 χ^2/NDF : 1336856.6/26

146.917+/-0.029 χ^2/NDF : 1411975.7/27

asym_bcm_an_ds_mean vs Slug



Right In: 73.109+/-79.604 χ^2/NDF : 7.9/16

Left Out: 77.213+/-91.781 χ^2/NDF : 3.0/9

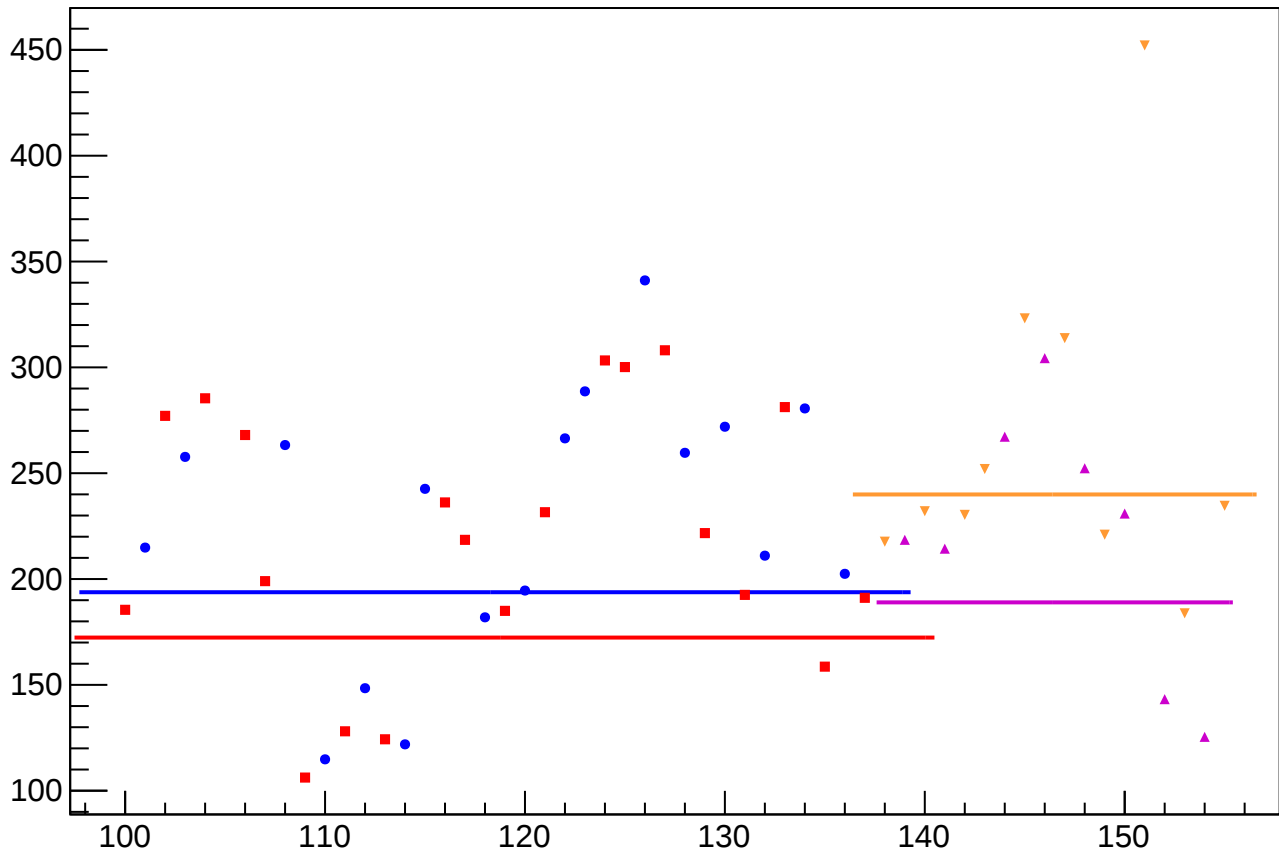
Right Out: 4.574+/-69.944 χ^2/NDF : 7.1/19

Left In: -96.953+/-80.253 χ^2/NDF : 3.5/7

74.871+/-60.136 χ^2/NDF : 10.8/26

-39.254+/-52.728 χ^2/NDF : 11.5/27

asym_bcm_an_ds_rms vs Slug



Right In: 193.773+/-0.056 χ^2/NDF : 1017081.7/16

Left Out: 239.959+/-0.065 χ^2/NDF :691886.2/9

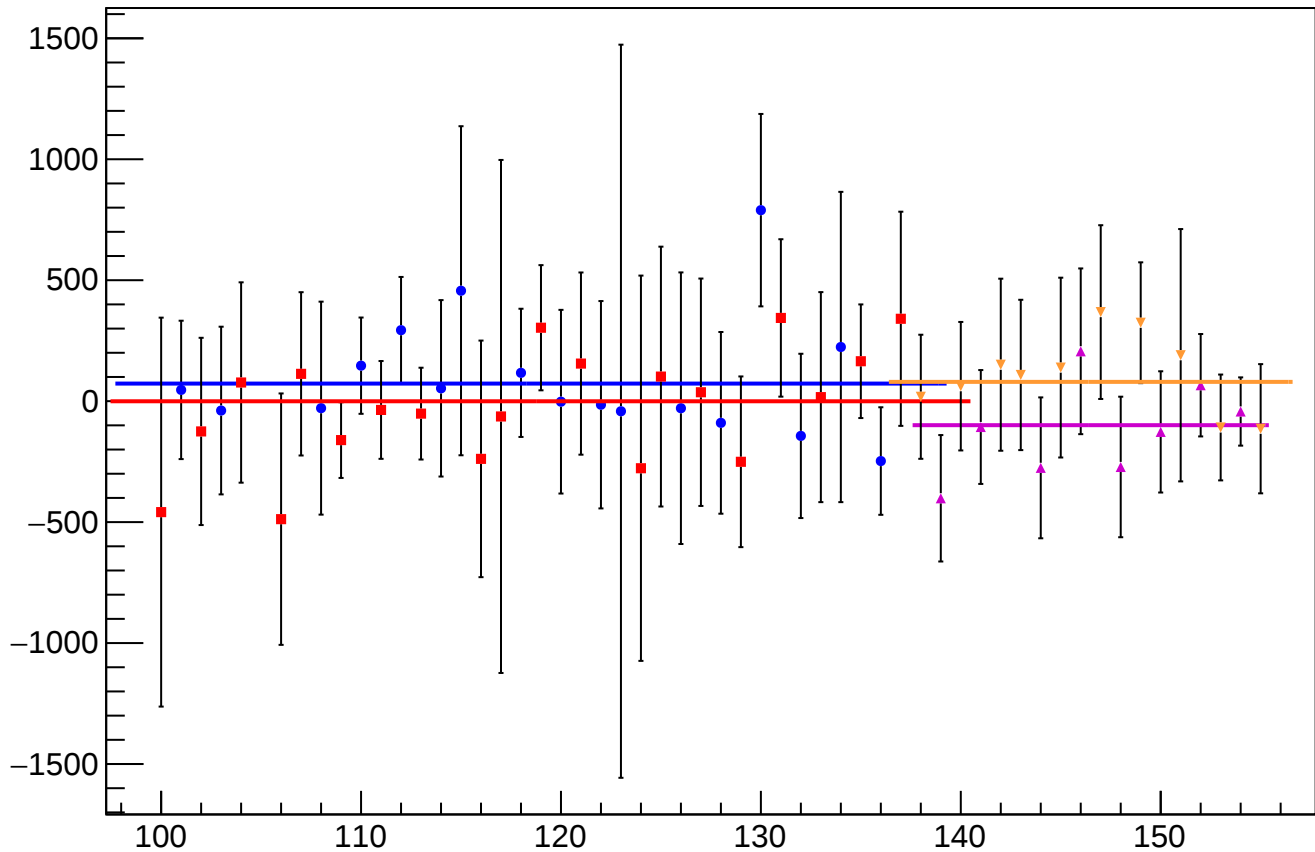
213.600+/-0.043 χ^2/NDF : 1998000.4/26

Right Out: 172.346+/-0.049 χ^2/NDF : 1583893.0/19

179.524+/-0.037 χ^2/NDF : 2716844.5/27

Left In: 188.974+/-0.057 χ^2/NDF :1084155.0/7

asym_bcm_an_ds3_mean vs Slug



Right In: 72.675+/-79.992 χ^2/NDF : 7.8/16

Left Out: 79.749+/-92.344 χ^2/NDF : 3.1/9

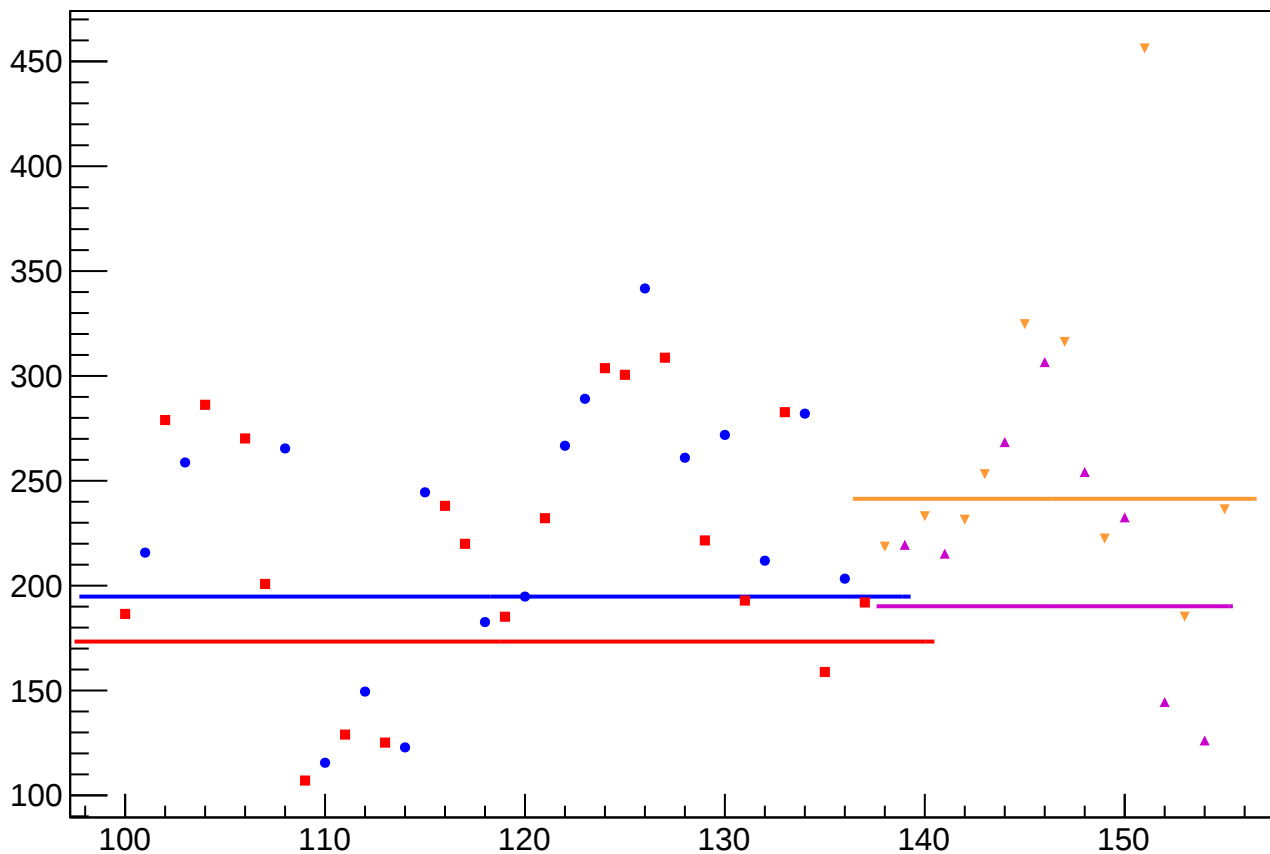
Right Out: -0.459+/-70.312 χ^2/NDF : 7.3/19

Left In: -99.288+/-80.757 χ^2/NDF : 3.6/7

75.708+/-60.462 χ^2/NDF : 10.8/26

-43.072+/-53.029 χ^2/NDF : 11.8/27

asym_bcm_an_ds3_rms vs Slug



Right In: 194.782 $\pm$ 0.057 χ^2 /NDF: 1008292.8/16

Left Out: 241.416 $\pm$ 0.065 χ^2 /NDF:692819.1/9

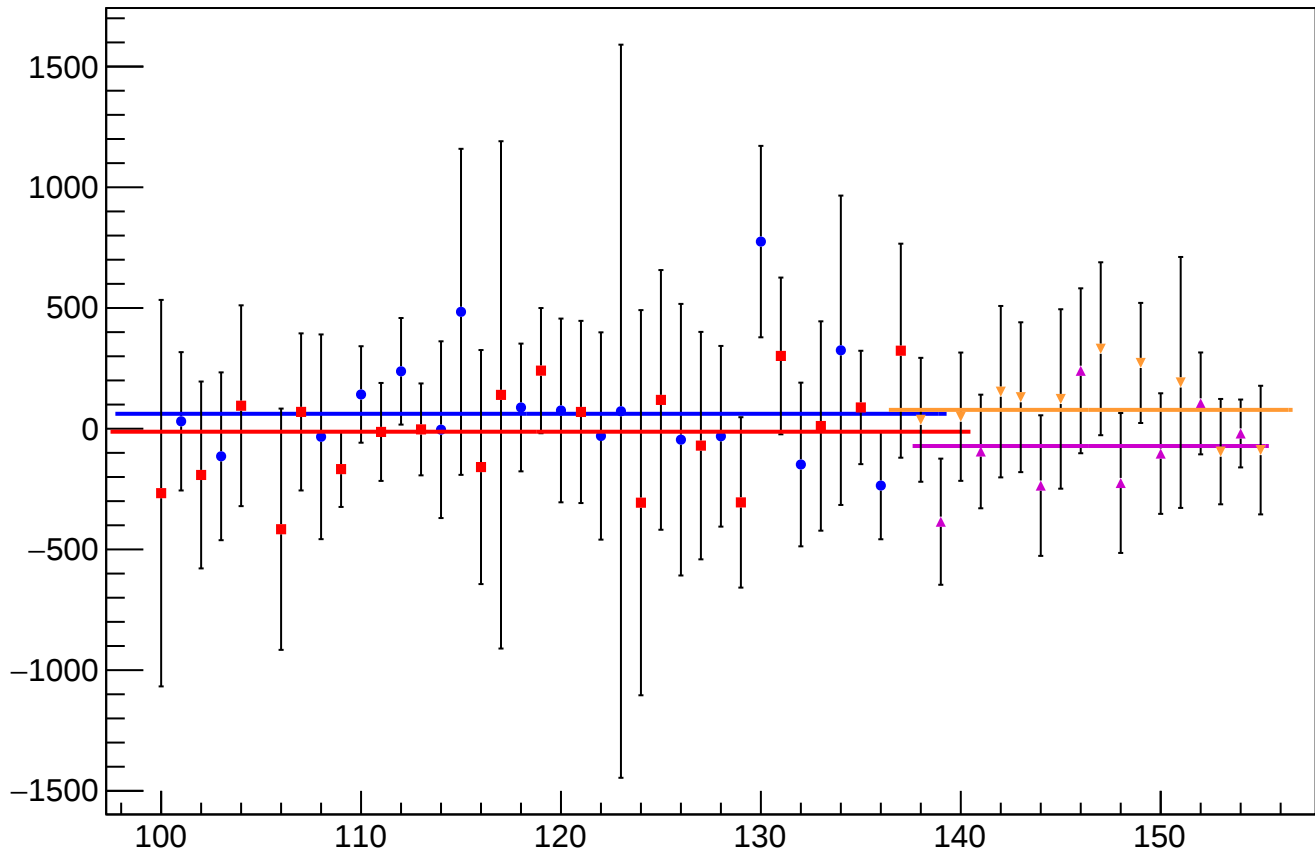
214.774 $\pm$ 0.043 χ^2 /NDF: 1992511.7/26

Right Out: 173.337 $\pm$ 0.050 χ^2 /NDF: 1571436.7/19

180.594 $\pm$ 0.037 χ^2 /NDF: 2703292.9/27

Left In: 190.166 $\pm$ 0.057 χ^2 /NDF:1082452.6/7

asym_bcm_an_us_mean vs Slug



Right In: 61.814+/-79.986 χ^2/NDF : 7.3/16

Left Out: 78.052+/-92.187 χ^2/NDF : 2.3/9

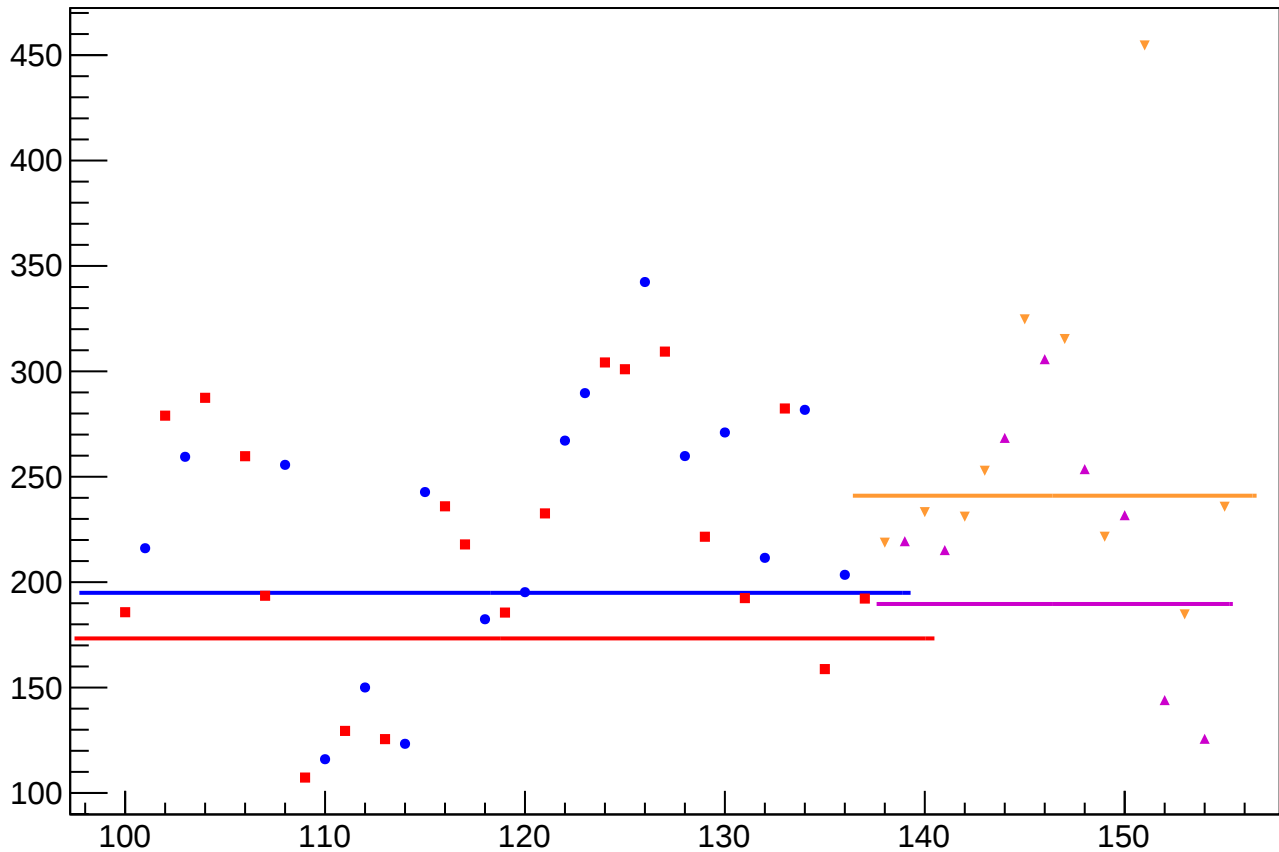
Right Out: -12.417+/-70.233 χ^2/NDF : 5.8/19

Left In: -71.640+/-80.558 χ^2/NDF : 3.7/7

68.788+/-60.415 χ^2/NDF : 9.6/26

-37.992+/-52.939 χ^2/NDF : 9.8/27

asym_bcm_an_us_rms vs Slug



Right In: 194.939 $\pm$ 0.057 χ^2 /NDF: 986629.1/16

Left Out: 241.011 $\pm$ 0.065 χ^2 /NDF:692685.4/9

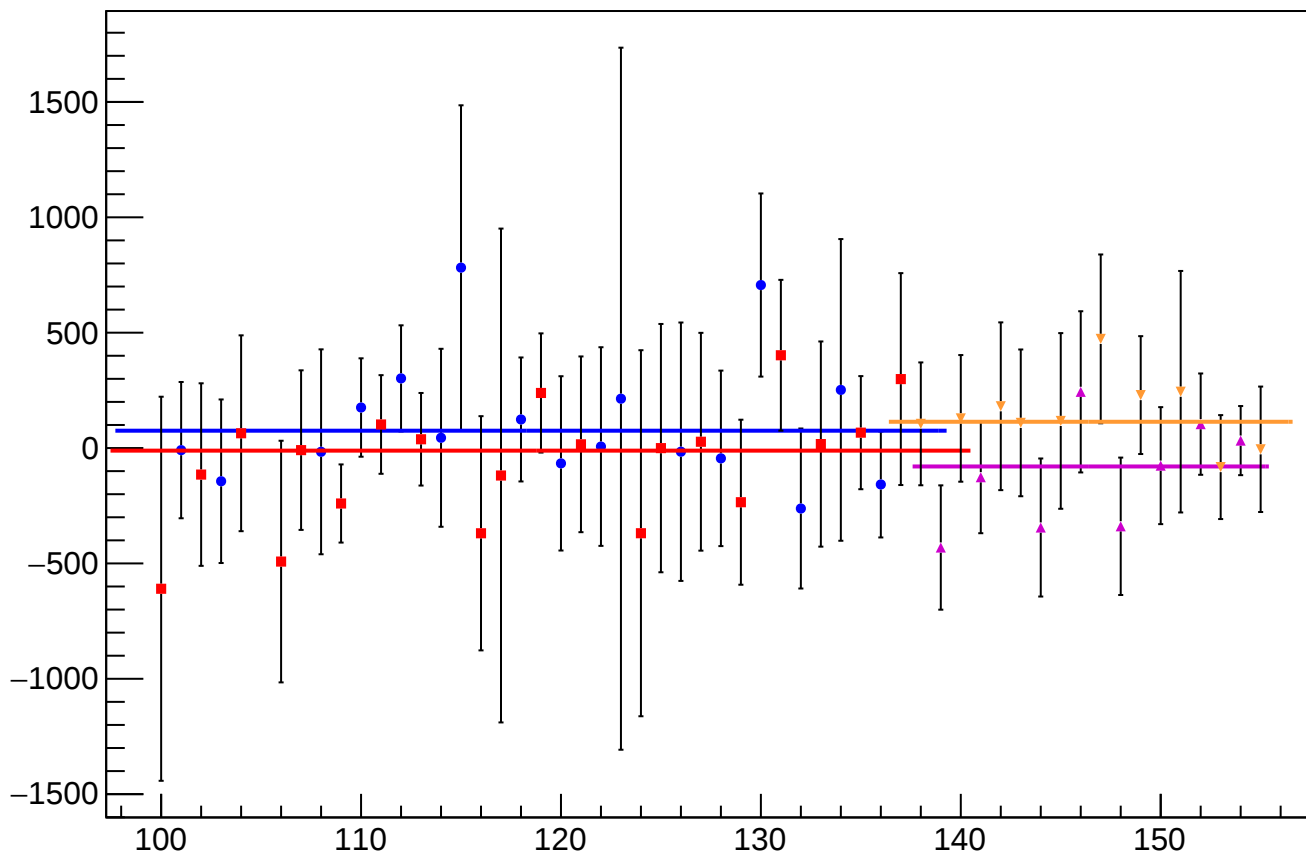
214.726 $\pm$ 0.043 χ^2 /NDF: 1964306.5/26

Right Out: 173.309 $\pm$ 0.050 χ^2 /NDF: 1548342.3/19

180.365 $\pm$ 0.037 χ^2 /NDF: 2683832.6/27

Left In: 189.648 $\pm$ 0.057 χ^2 /NDF:1088746.7/7

asym_bcm_dg_us_mean vs Slug



Right In: 75.207 ± 82.504 χ^2/NDF : 7.6/16

Left Out: 113.922 ± 94.727 χ^2/NDF : 2.2/9

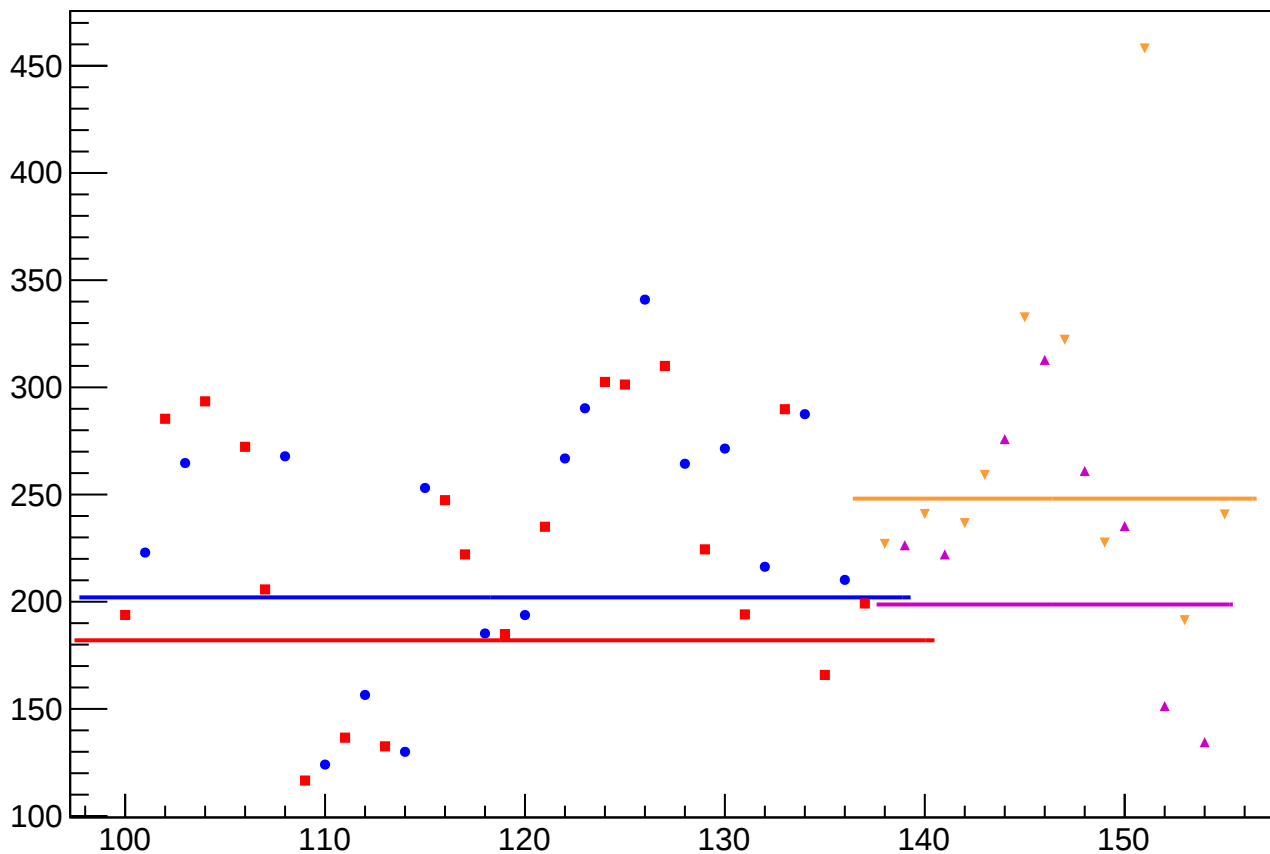
Right Out: -11.180 ± 73.166 χ^2/NDF : 7.8/19

Left In: -79.801 ± 83.831 χ^2/NDF : 5.4/7

91.907 ± 62.215 χ^2/NDF : 9.9/26

-40.850 ± 55.124 χ^2/NDF : 13.6/27

asym_bcm_dg_us_rms vs Slug



Right In: 202.029 $\pm$ 0.058 χ^2 /NDF: 881608.7/16

Left Out: 248.104 $\pm$ 0.067 χ^2 /NDF:662180.0/9

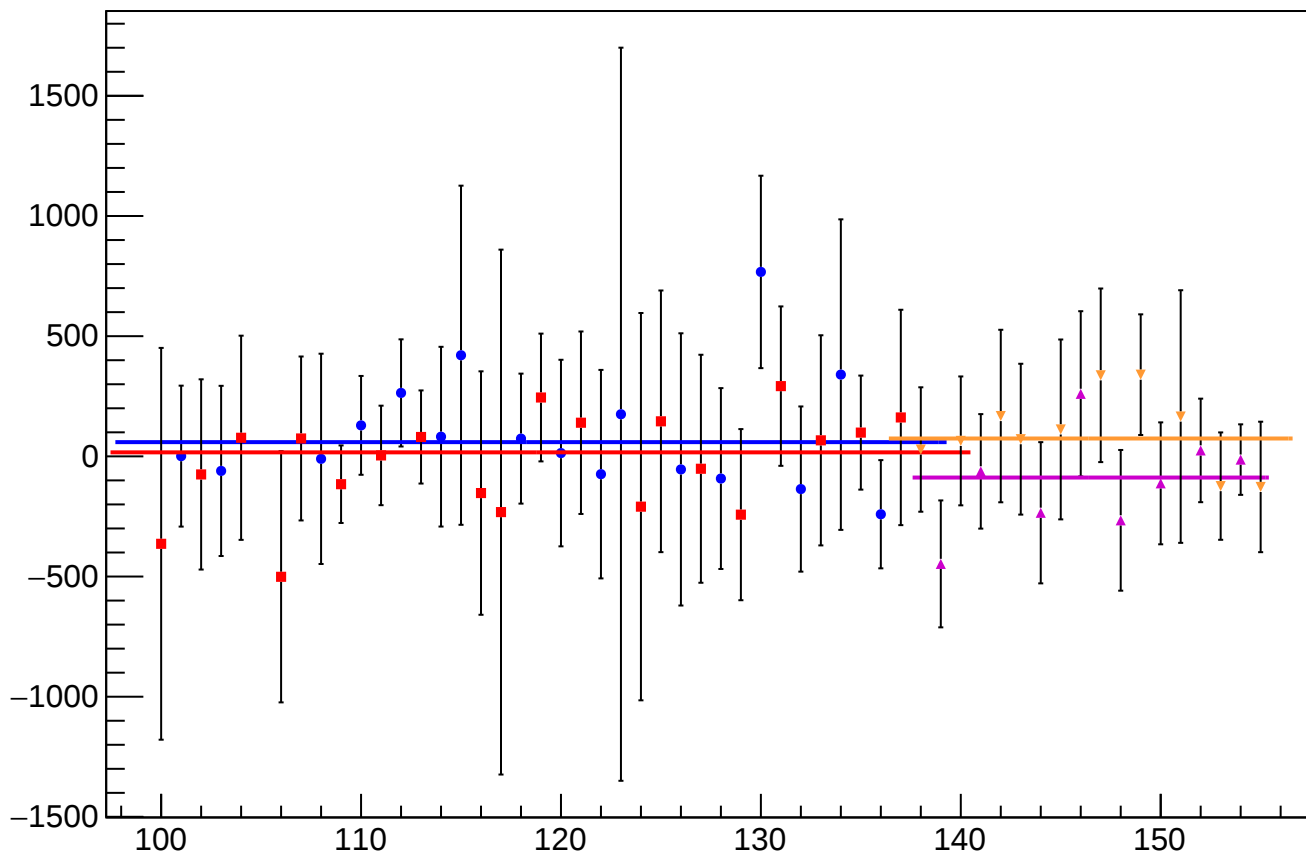
221.904 $\pm$ 0.044 χ^2 /NDF: 1812840.7/26

Right Out: 182.000 $\pm$ 0.052 χ^2 /NDF: 1380354.3/19

189.225 $\pm$ 0.039 χ^2 /NDF: 2401804.4/27

Left In: 198.711 $\pm$ 0.059 χ^2 /NDF:976334.5/7

asym_bcm_dg_ds_mean vs Slug



Right In: 59.175+/-81.417 χ^2/NDF : 7.1/16

Left Out: 74.309+/-93.380 χ^2/NDF : 3.1/9

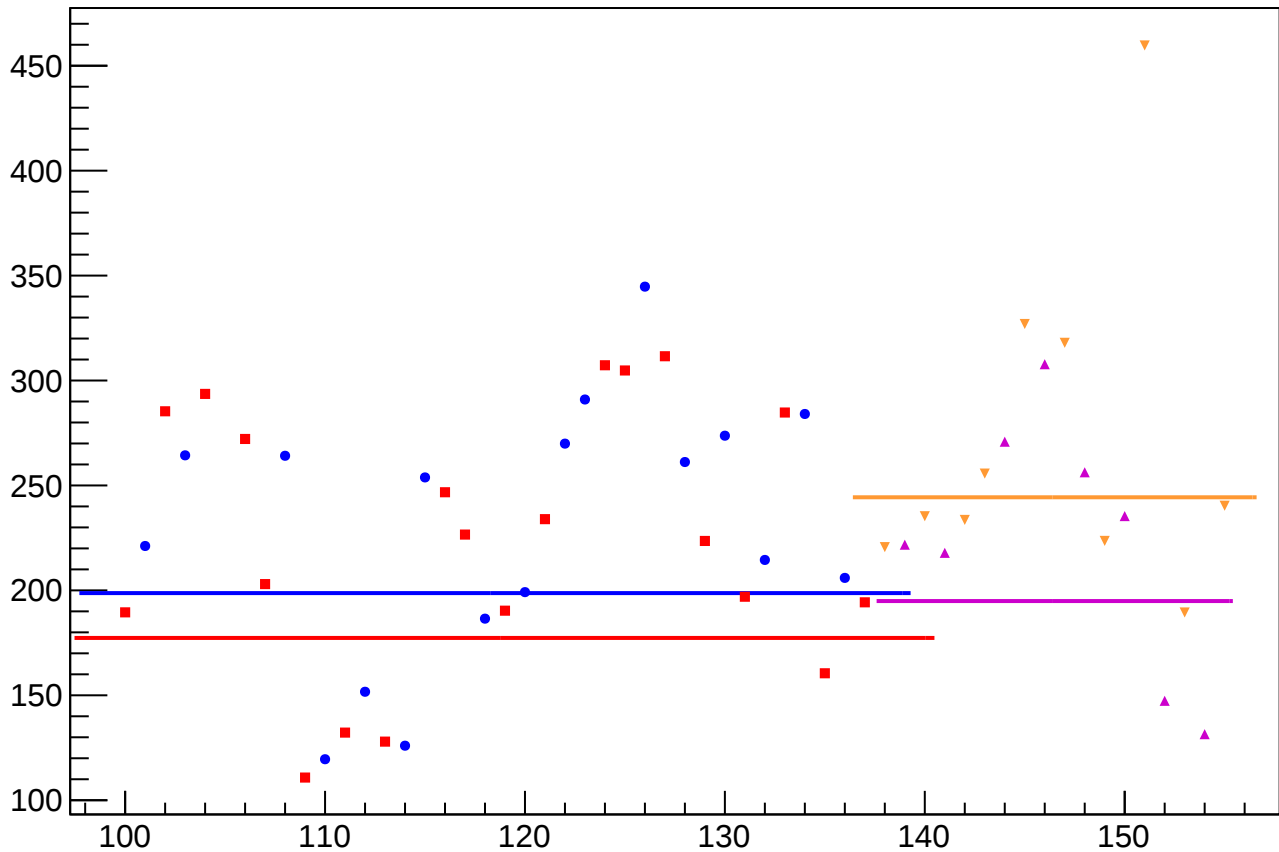
Right Out: 16.650+/-71.745 χ^2/NDF : 4.7/19

Left In: -88.155+/-82.410 χ^2/NDF : 4.1/7

65.711+/-61.367 χ^2/NDF : 10.3/26

-28.536+/-54.112 χ^2/NDF : 9.7/27

asym_bcm_dg_ds_rms vs Slug



Right In: 198.704 $\pm$ 0.058 χ^2/NDF : 963394.4/16

Left Out: 244.358 $\pm$ 0.066 χ^2/NDF : 674677.6/9

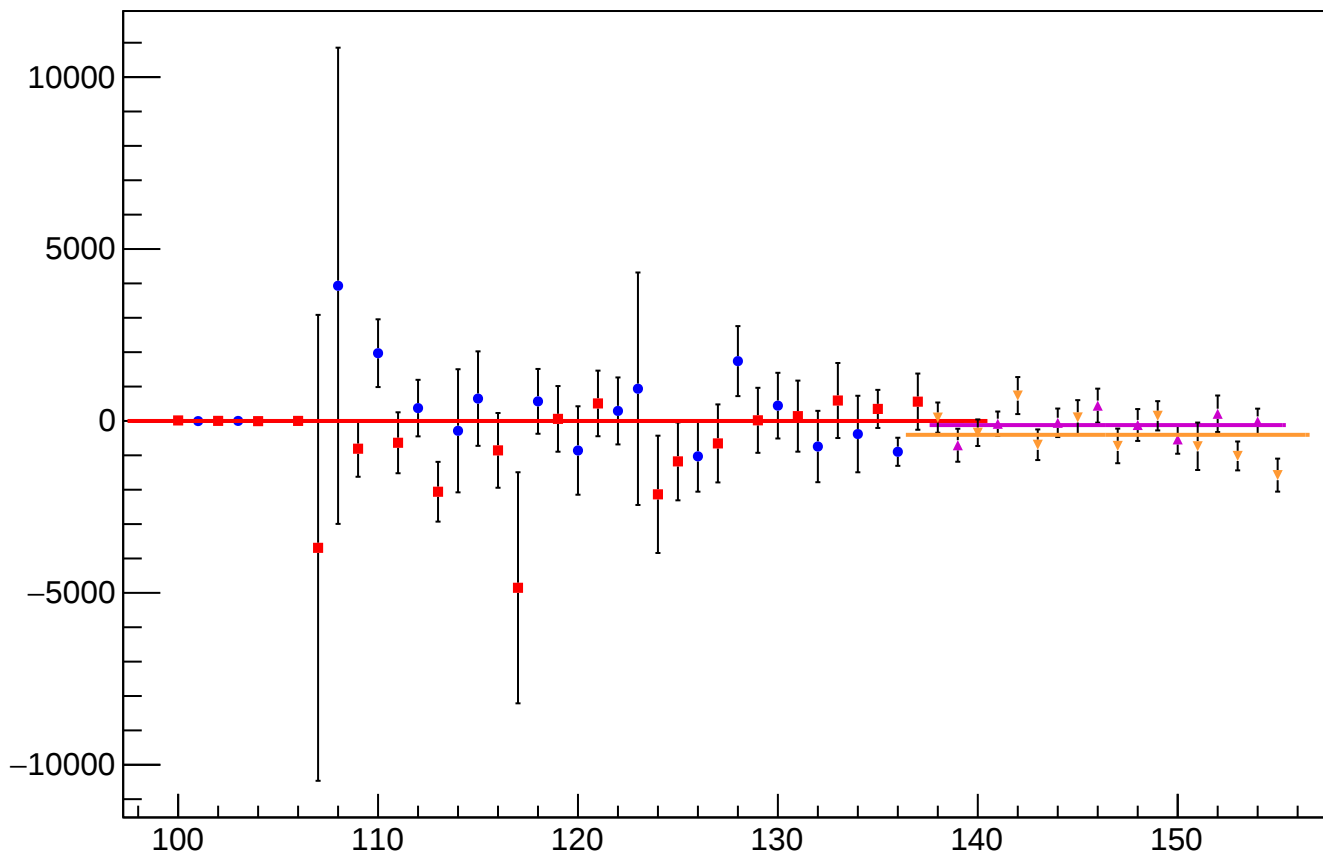
Right Out: 177.338 $\pm$ 0.051 χ^2/NDF : 1528976.8/19

Left In: 194.911 $\pm$ 0.058 χ^2/NDF : 998592.8/7

218.421 $\pm$ 0.043 χ^2/NDF : 1909668.2/26

184.915 $\pm$ 0.038 χ^2/NDF : 2579298.5/27

asym_cav4bQ_mean vs Slug



Right In: -1.529 ± 2.251 χ^2/NDF : 16.6/16

Left Out: -403.654 ± 147.643 χ^2/NDF : 17.7/9

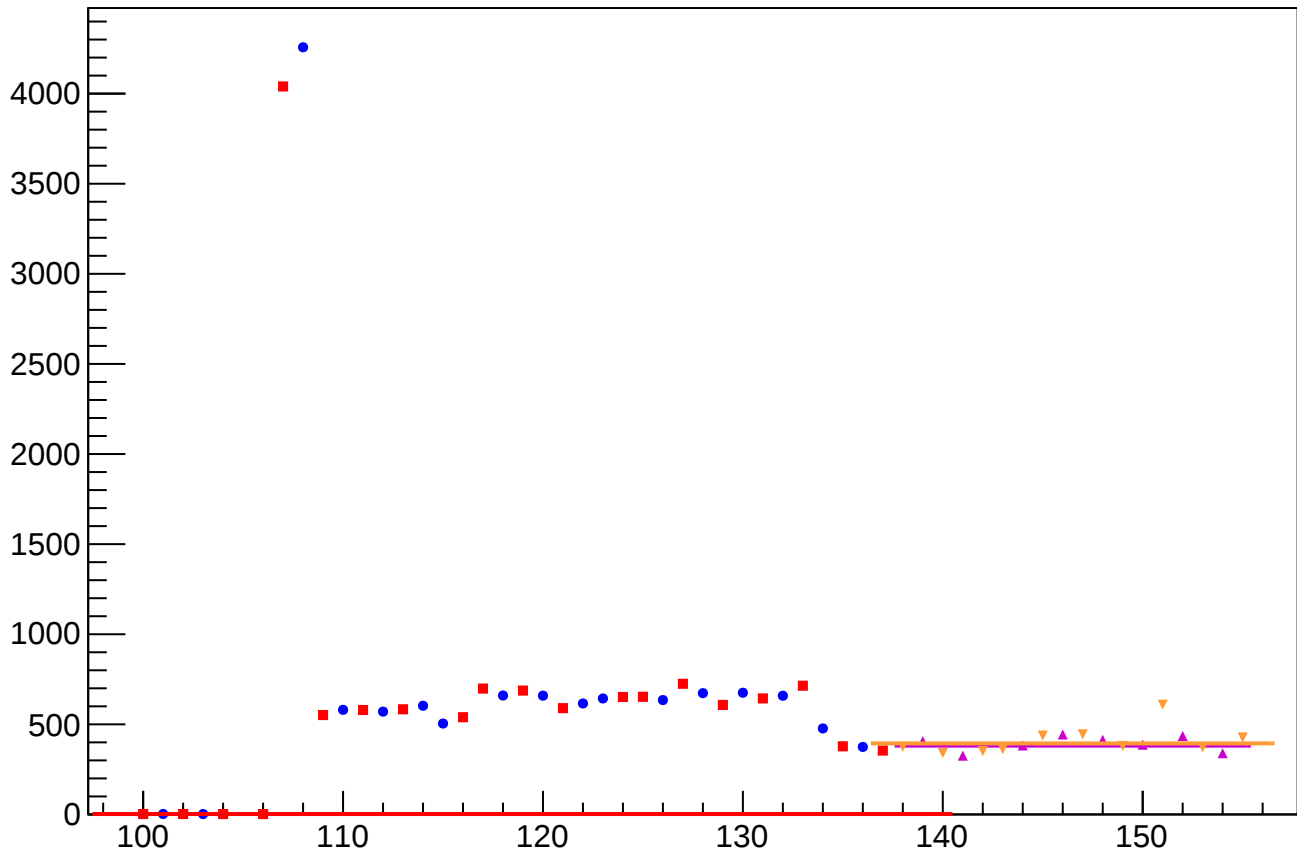
Right Out: -0.733 ± 2.111 χ^2/NDF : 20.5/19

Left In: -120.394 ± 152.048 χ^2/NDF : 4.3/7

-1.622 ± 2.251 χ^2/NDF : 41.7/26

-0.756 ± 2.111 χ^2/NDF : 25.4/27

asym_cav4bQ_rms vs Slug



Right In: 2.456+/-0.002 χ^2/NDF : 10706347.4/16

Left Out: 394.318+/-0.104 χ^2/NDF : 310184.5/9

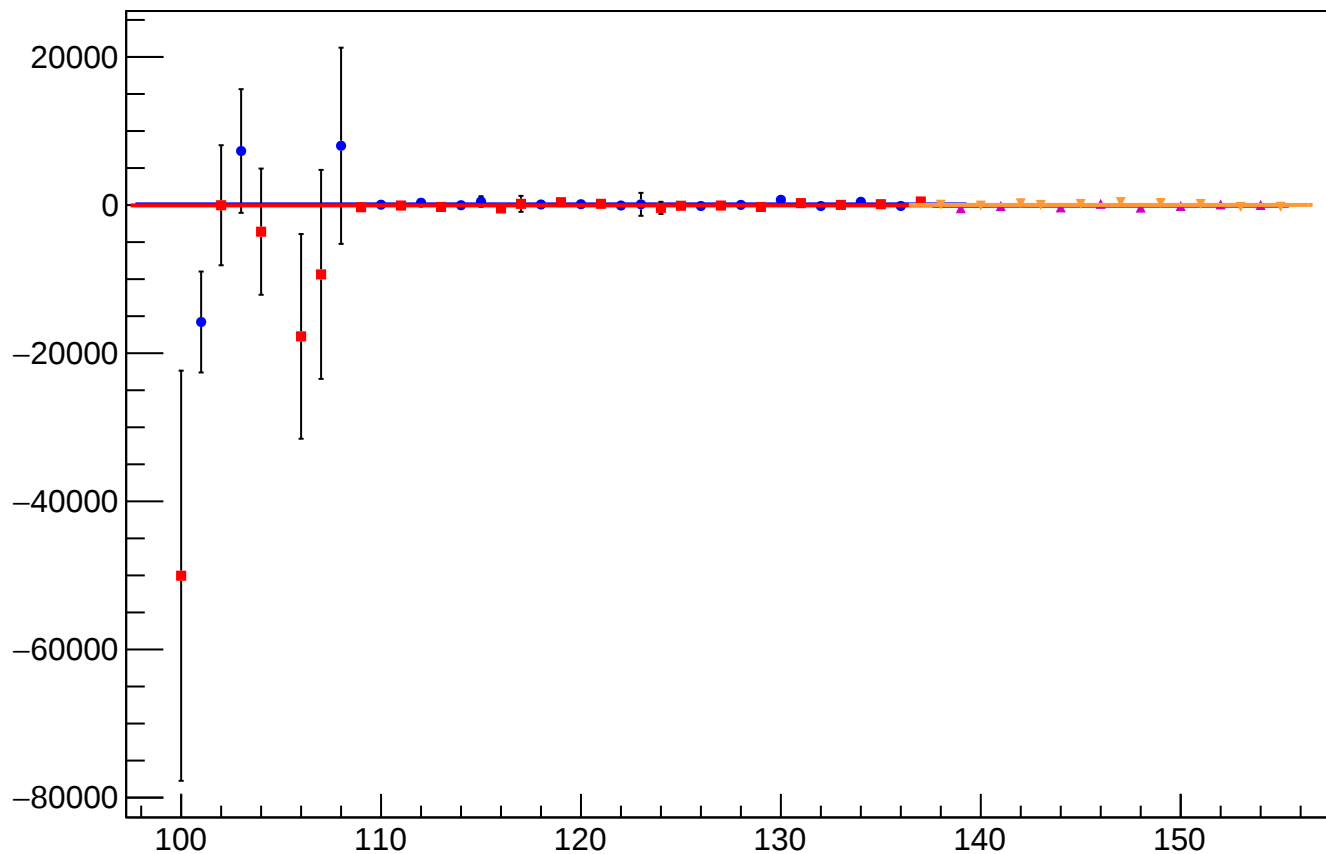
Right Out: 2.437+/-0.001 χ^2/NDF : 11225999.1/19

Left In: 381.876+/-0.108 χ^2/NDF : 141293.5/7

2.547+/-0.002 χ^2/NDF : 25101938.8/26

2.510+/-0.001 χ^2/NDF : 23820050.7/27

asym_cav4cQ_mean vs Slug



Right In: 95.353 ± 91.708 χ^2/NDF : 12.0/16

Left Out: 22.262 ± 99.214 χ^2/NDF : 4.3/9

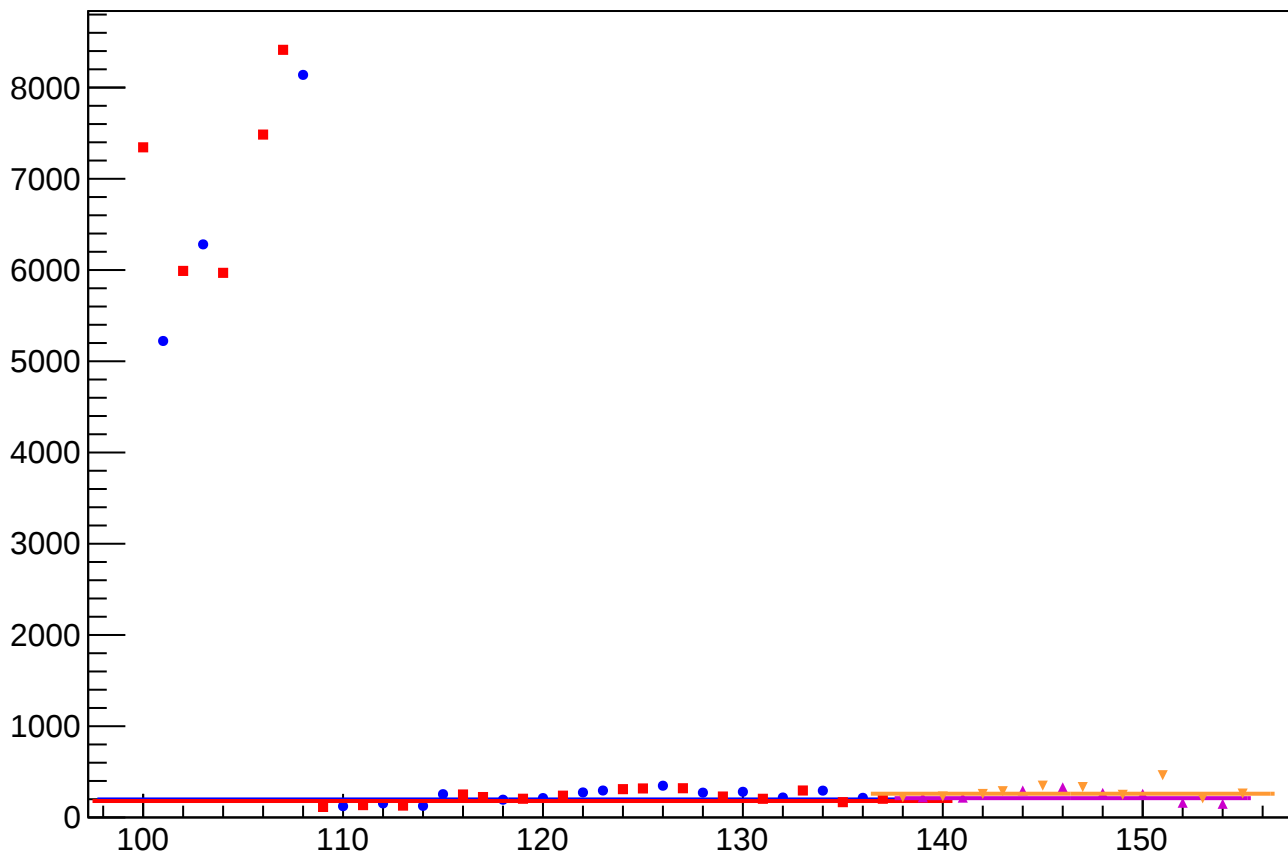
Right Out: -41.335 ± 84.288 χ^2/NDF : 14.0/19

Left In: -98.122 ± 88.560 χ^2/NDF : 4.3/7

61.676 ± 67.345 χ^2/NDF : 16.6/26

-68.326 ± 61.055 χ^2/NDF : 18.6/27

asym_cav4cQ_rms vs Slug



Right In: 197.422+/-0.065 χ^2/NDF : 3695848.3/16

Left Out: 260.191+/-0.070 χ^2/NDF : 642796.7/9

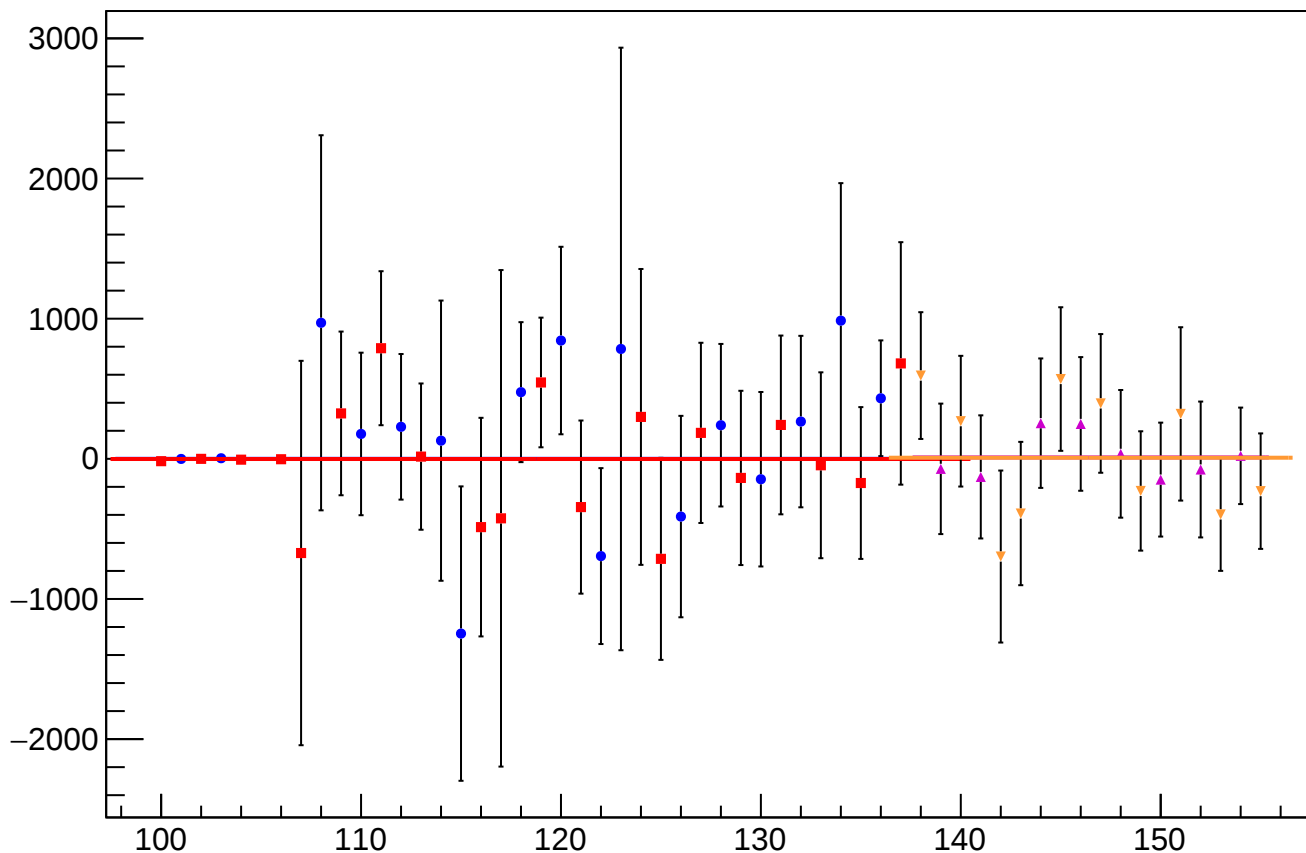
Right Out: 180.250+/-0.060 χ^2/NDF : 4324682.8/19

Left In: 211.371+/-0.063 χ^2/NDF : 848970.2/7

226.342+/-0.048 χ^2/NDF : 4770325.1/26

195.042+/-0.043 χ^2/NDF : 5303240.0/27

asym_cav4dQ_mean vs Slug



Right In: -0.139 ± 1.737 χ^2/NDF : 9.8/16

Left Out: 7.837 ± 150.667 χ^2/NDF : 7.6/9

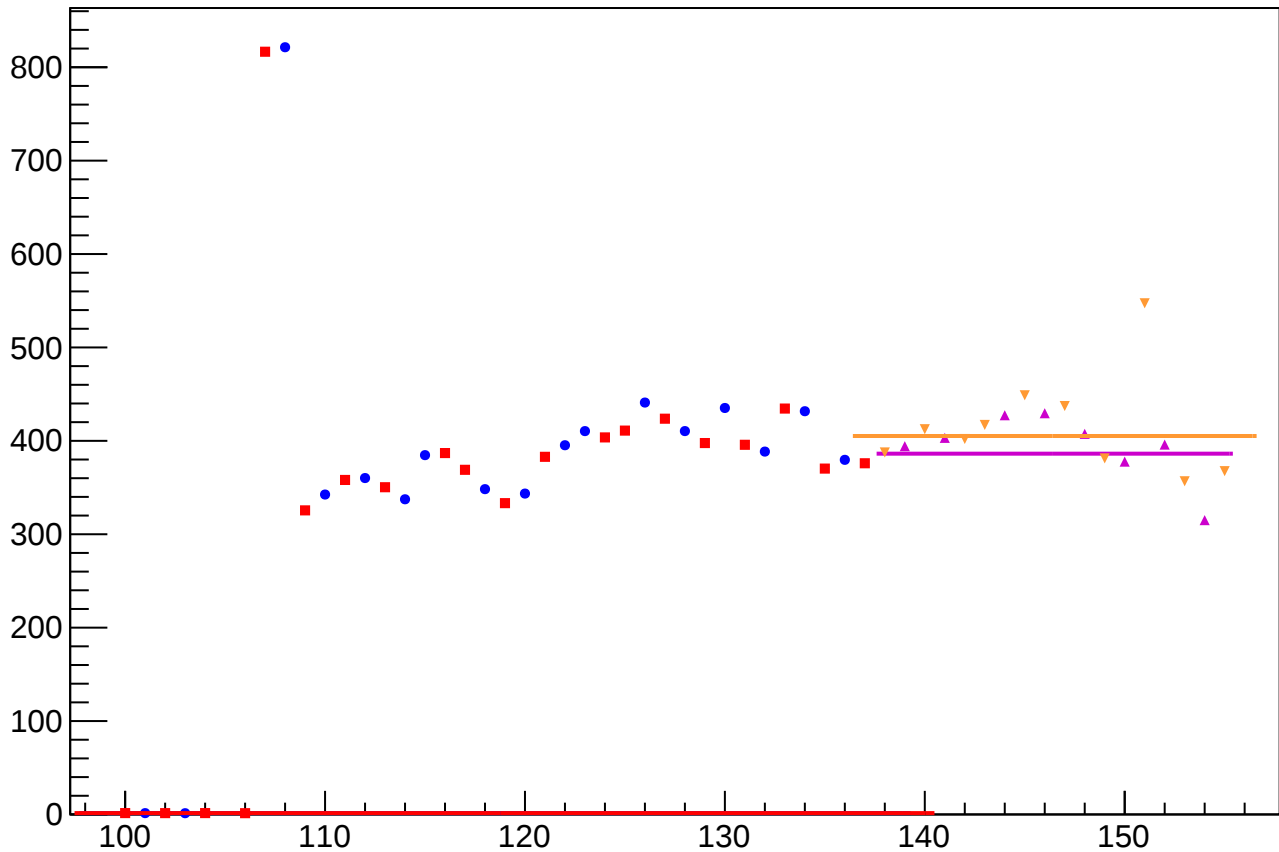
Right Out: -1.324 ± 1.623 χ^2/NDF : 9.6/19

Left In: 9.858 ± 153.478 χ^2/NDF : 0.8/7

-0.138 ± 1.736 χ^2/NDF : 17.4/26

-1.323 ± 1.622 χ^2/NDF : 10.4/27

asym_cav4dQ_rms vs Slug



Right In: 1.452+/-0.001 χ^2/NDF : 10815892.9/16

Left Out: 405.183+/-0.107 χ^2/NDF :185122.6/9

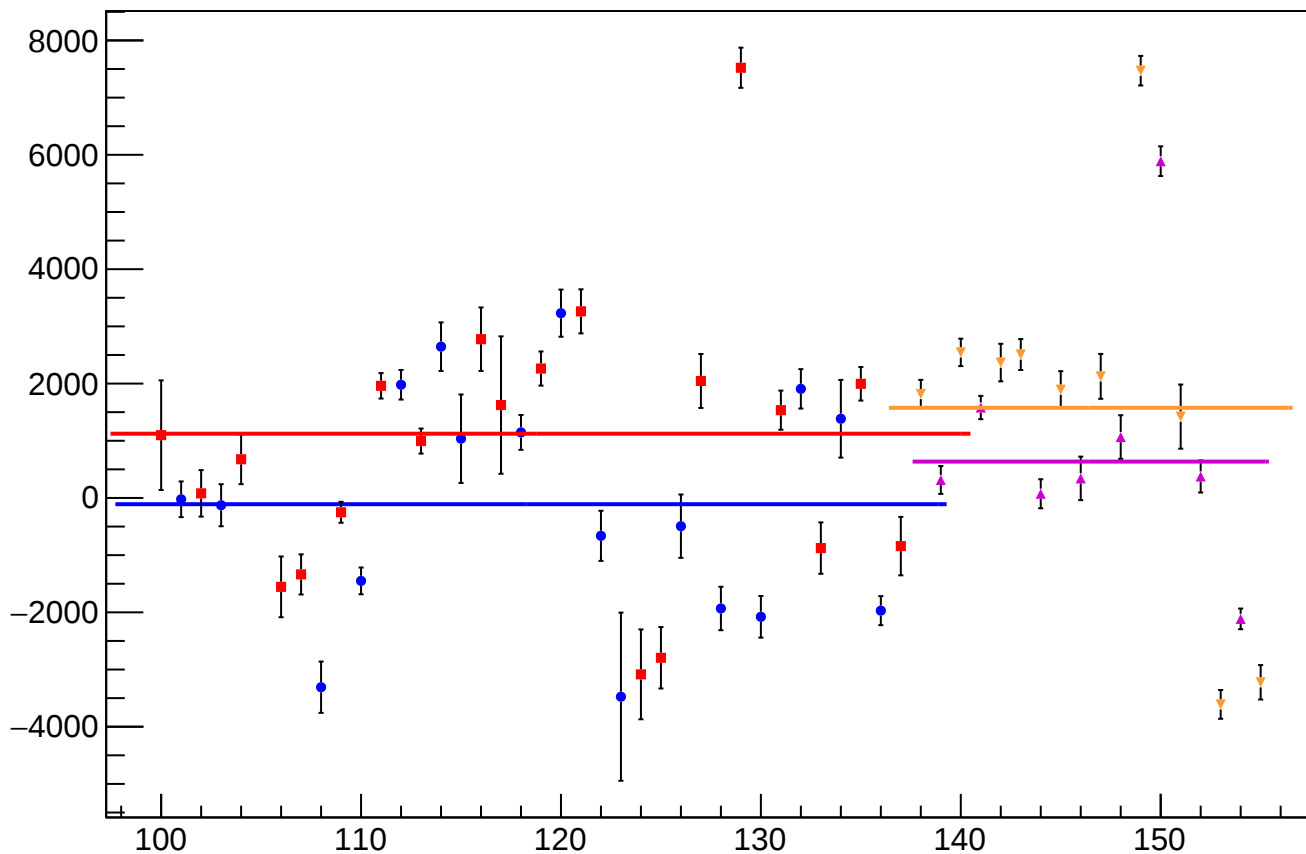
Right Out: 1.451+/-0.001 χ^2/NDF : 10959647.1/19

Left In: 386.272+/-0.109 χ^2/NDF :127394.7/7

1.506+/-0.001 χ^2/NDF : 25359896.7/26

1.494+/-0.001 χ^2/NDF : 23659094.2/27

asym_bcm0l02_mean vs Slug



Right In: -109.225+/-87.961 χ^2/NDF : 428.3/16

Left Out: 1577.034+/-92.210 χ^2/NDF :1236.2/9

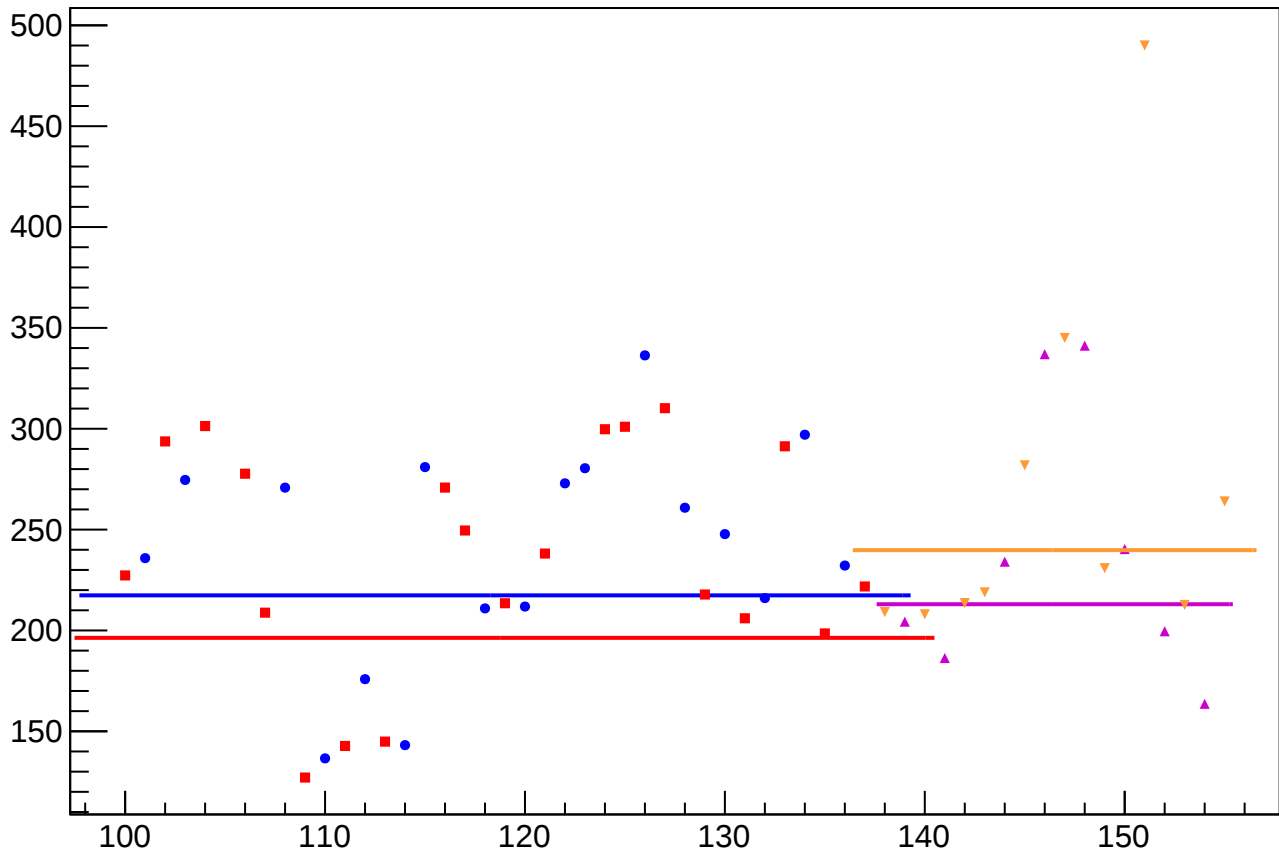
Right Out: 1123.337+/-78.230 χ^2/NDF : 670.2/19

Left In: 635.785+/-88.238 χ^2/NDF :672.6/7

694.167+/-63.647 χ^2/NDF : 1839.7/26

908.769+/-58.537 χ^2/NDF : 1359.9/27

asym_bcm0l02_rms vs Slug



Right In: 217.403+/-0.062 χ^2/NDF : 652632.9/16

Left Out: 239.814+/-0.065 χ^2/NDF : 704484.9/9

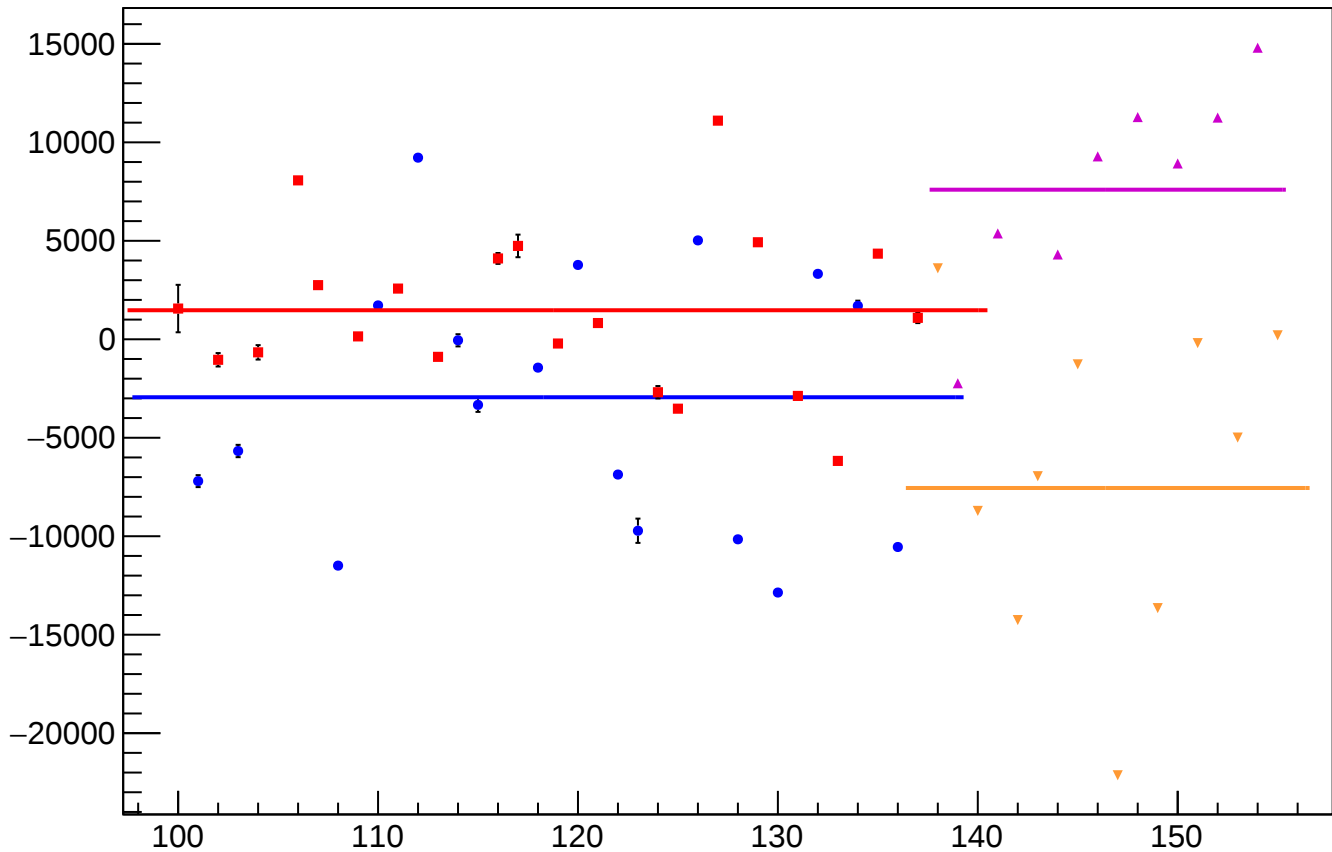
228.080+/-0.045 χ^2/NDF : 1418971.6/26

Right Out: 196.339+/-0.055 χ^2/NDF : 1194805.7/19

203.674+/-0.041 χ^2/NDF : 1900053.4/27

Left In: 213.006+/-0.062 χ^2/NDF : 665295.6/7

asym_bpm2i01WS_mean vs Slug



Right In: -2943.123 ± 48.612 χ^2/NDF : 20909.8/16

Left Out: -7550.576 ± 45.829 χ^2/NDF : 29292.5/9

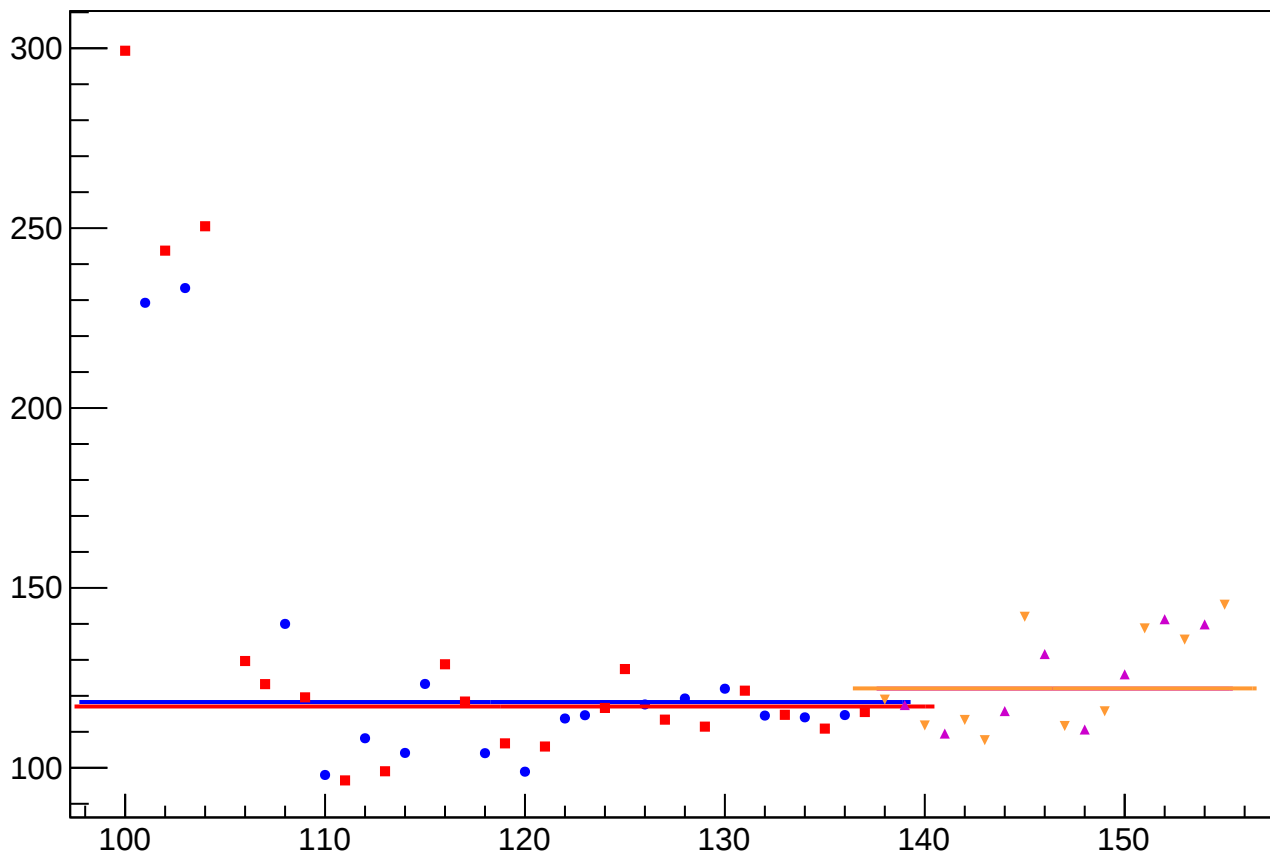
Right Out: 1474.497 ± 46.252 χ^2/NDF : 8028.6/19

Left In: 7595.832 ± 48.345 χ^2/NDF : 9655.5/7

-5382.497 ± 33.347 χ^2/NDF : 54958.4/26

4399.796 ± 33.421 χ^2/NDF : 26054.6/27

asym_bpm2i01WS_rms vs Slug



Right In: 118.286+/-0.034 χ^2/NDF : 636918.0/16

Left Out: 122.069+/-0.032 χ^2/NDF : 167934.3/9

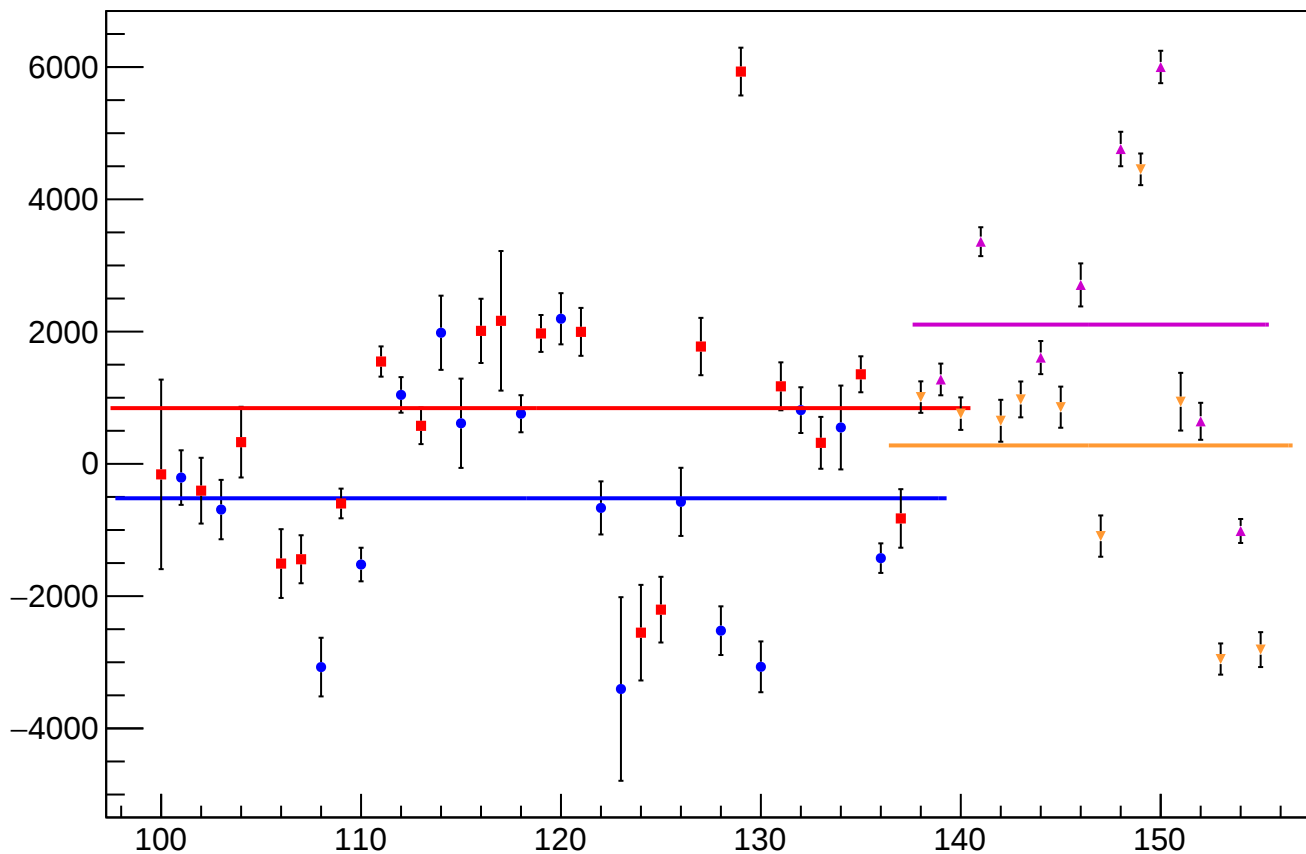
Right Out: 117.040+/-0.033 χ^2/NDF : 690873.1/19

Left In: 122.010+/-0.034 χ^2/NDF : 112724.3/7

120.288+/-0.024 χ^2/NDF : 811265.3/26

119.415+/-0.024 χ^2/NDF : 814631.1/27

asym_bpm0i07WS_mean vs Slug



Right In: -520.267 ± 89.241 $\chi^2/\text{NDF}: 288.1/16$

Left Out: 278.763 ± 86.580 $\chi^2/\text{NDF}: 674.8/9$

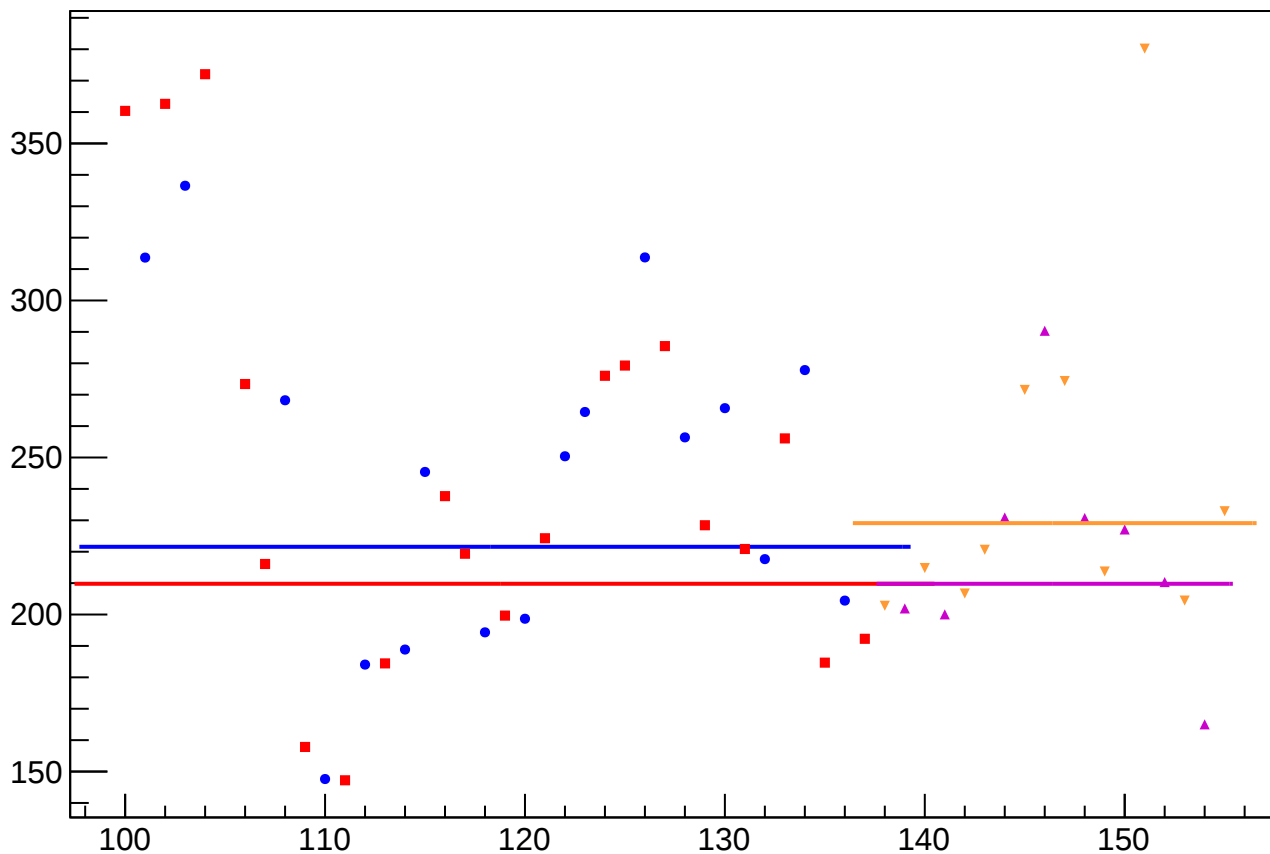
Right Out: 842.858 ± 82.024 $\chi^2/\text{NDF}: 436.3/19$

Left In: 2105.850 ± 85.020 $\chi^2/\text{NDF}: 732.4/7$

-108.664 ± 62.141 $\chi^2/\text{NDF}: 1004.2/26$

1451.711 ± 59.031 $\chi^2/\text{NDF}: 1283.0/27$

asym_bpm0i07WS_rms vs Slug



Right In: 221.570 ± 0.063 χ^2/NDF : 644941.4/16

Left Out: 229.101 ± 0.061 χ^2/NDF : 392815.3/9

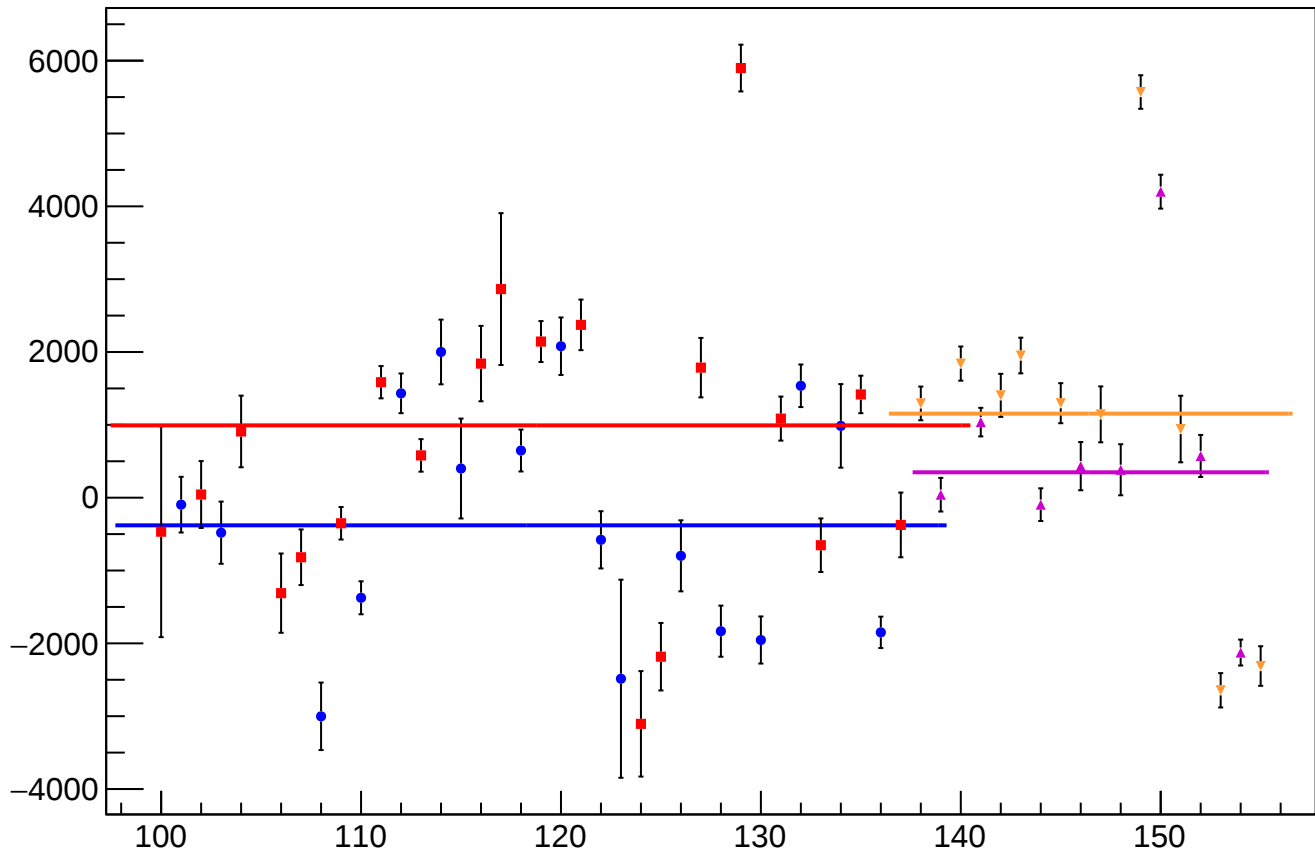
Right Out: 209.794 ± 0.058 χ^2/NDF : 884087.4/19

Left In: 209.790 ± 0.060 χ^2/NDF : 287647.1/7

225.449 ± 0.044 χ^2/NDF : 1045094.6/26

209.792 ± 0.042 χ^2/NDF : 1171734.5/27

asym_bpm0l01WS_mean vs Slug



Right In: -379.647 ± 84.260 χ^2/NDF : 317.2/16

Left Out: 1153.929 ± 84.459 χ^2/NDF : 810.7/9

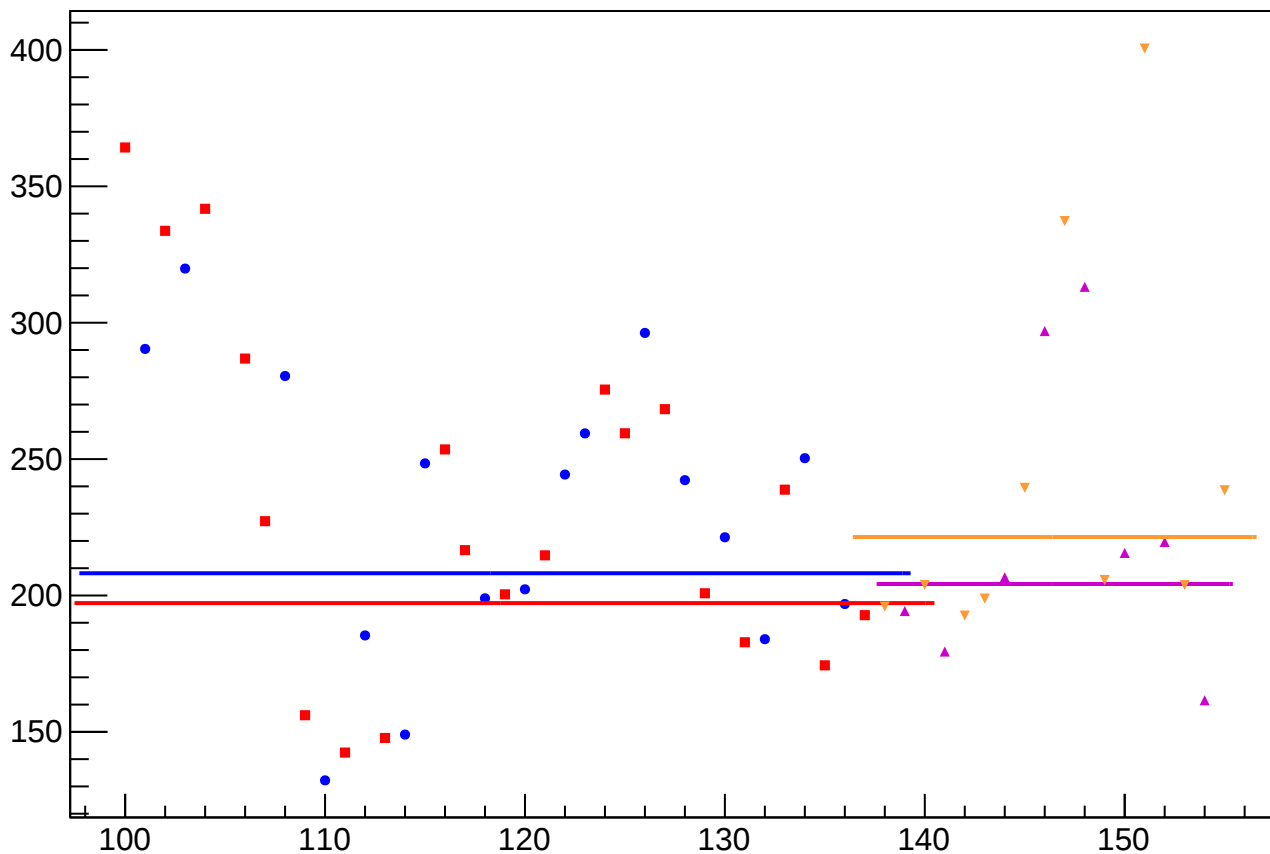
Right Out: 992.944 ± 77.509 χ^2/NDF : 479.5/19

Left In: 348.397 ± 83.351 χ^2/NDF : 486.8/7

385.326 ± 59.651 χ^2/NDF : 1293.1/26

694.046 ± 56.760 χ^2/NDF : 998.3/27

asym_bpm0l01WS_rms vs Slug



Right In: 208.151+/-0.060 χ^2/NDF : 699084.2/16

Left Out: 221.426+/-0.060 χ^2/NDF : 597839.9/9

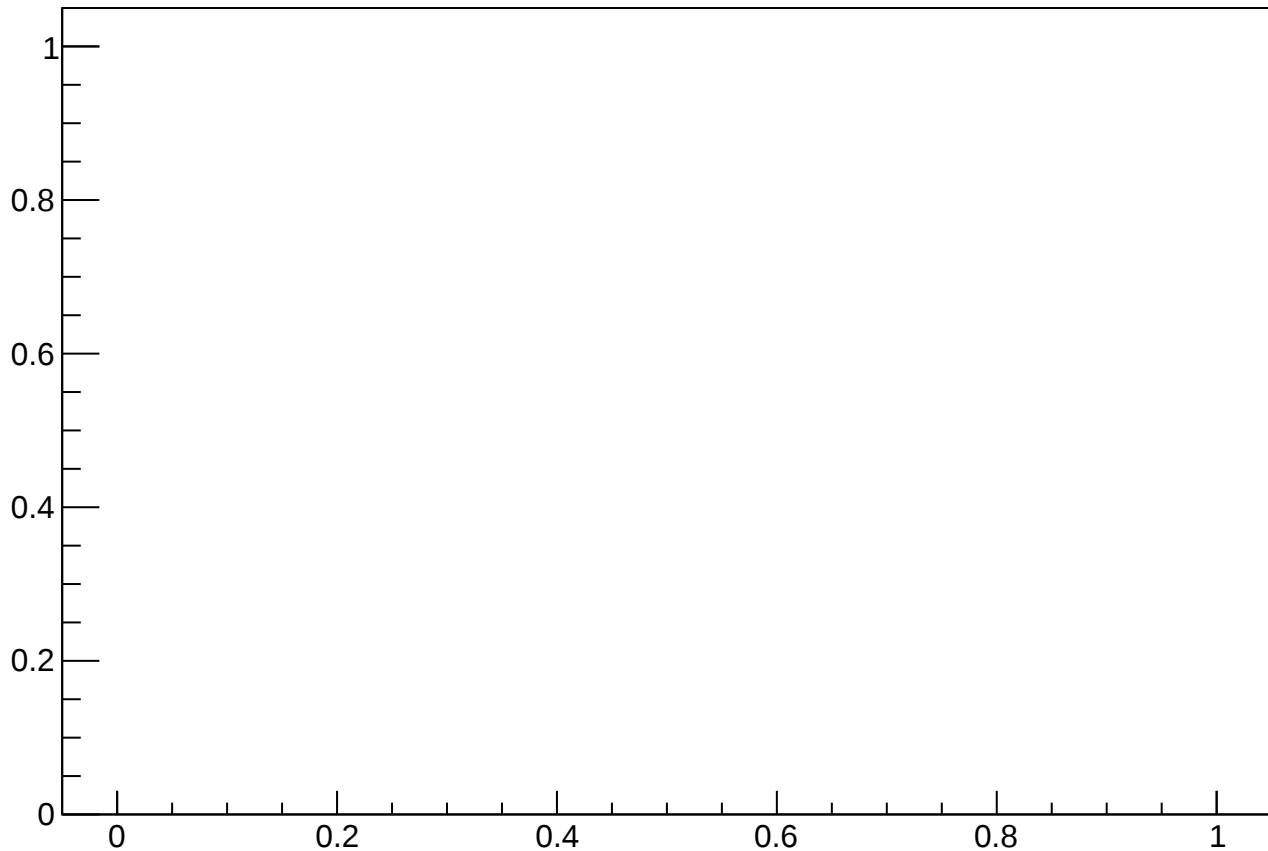
Right Out: 197.210+/-0.055 χ^2/NDF : 927165.0/19

Left In: 204.213+/-0.059 χ^2/NDF : 511483.5/7

214.773+/-0.042 χ^2/NDF : 1321688.4/26

200.458+/-0.040 χ^2/NDF : 1446219.6/27

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

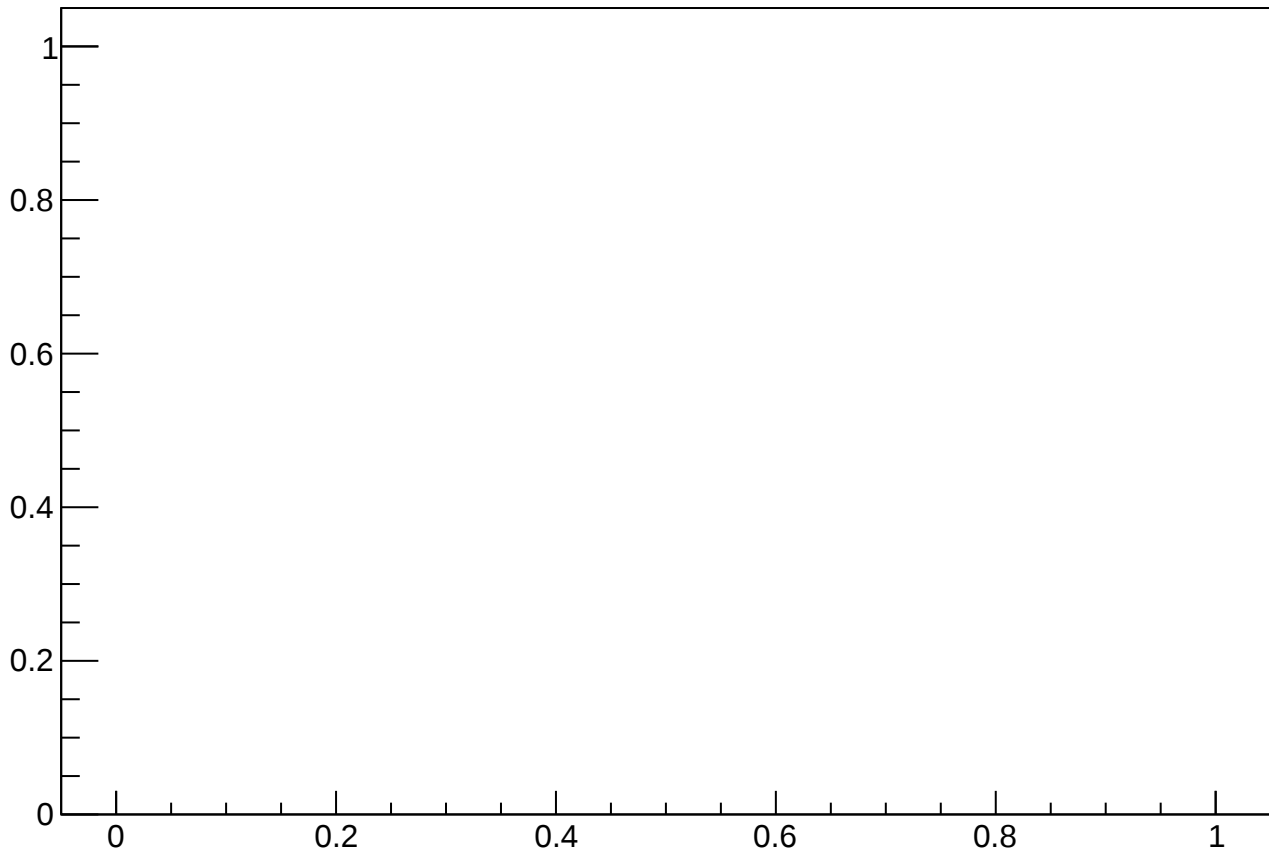
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_an_us_ds_dd_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

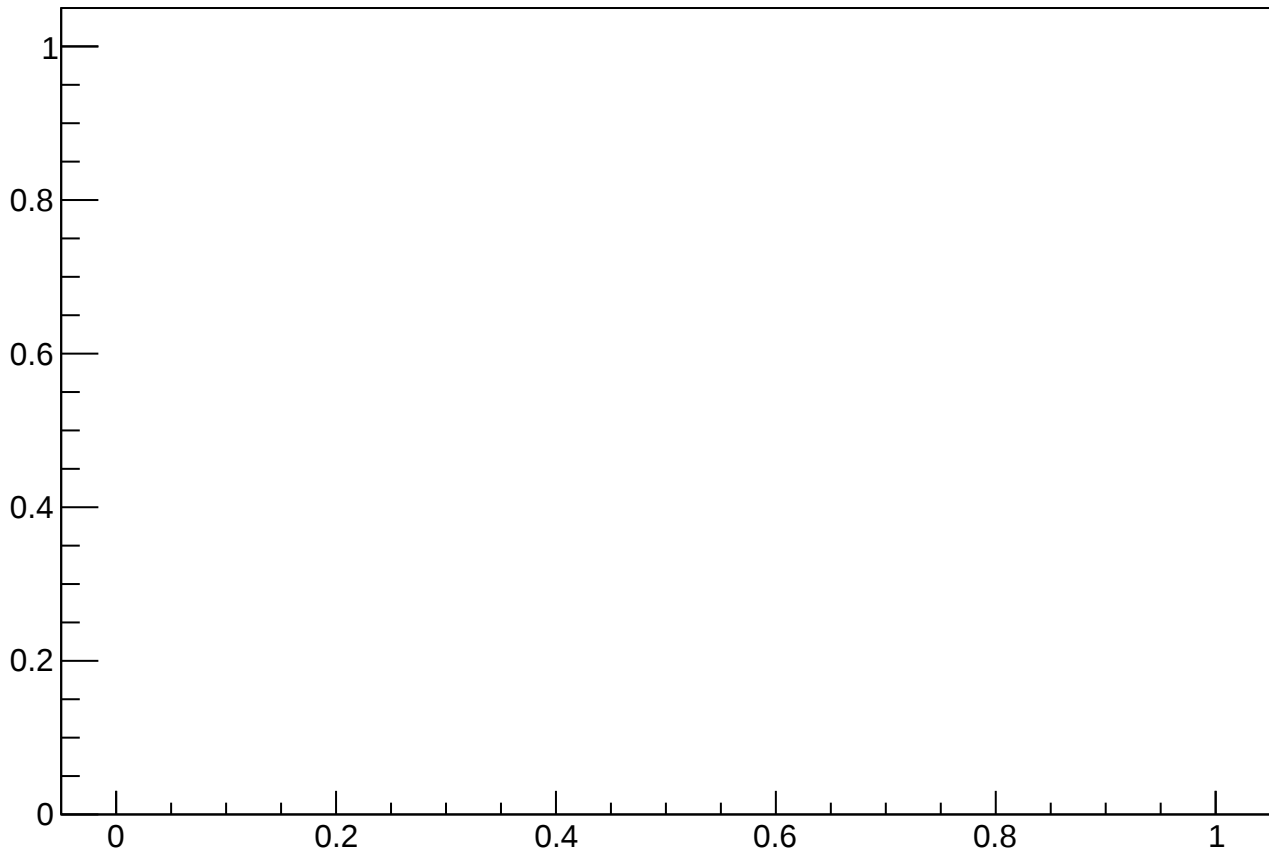
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_mean vs Slug



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

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

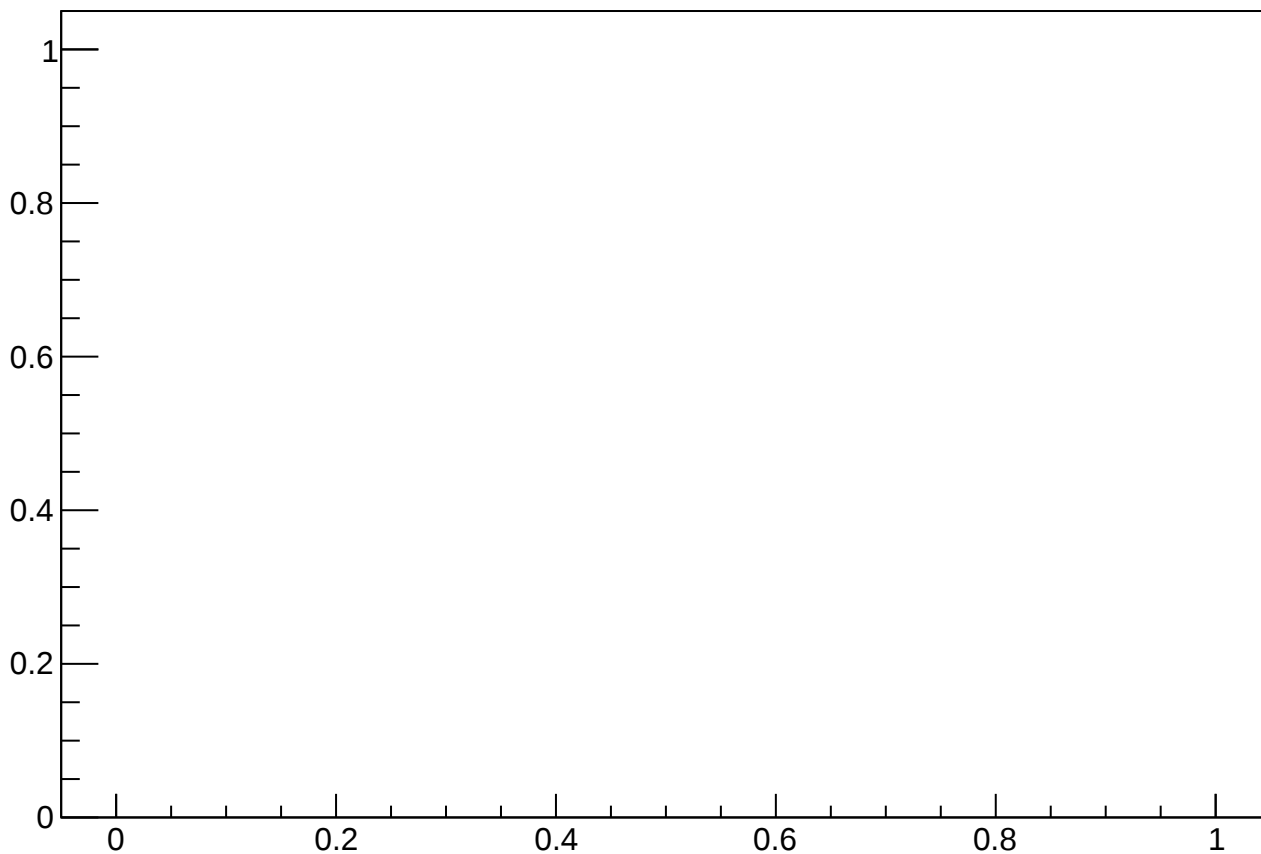
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_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

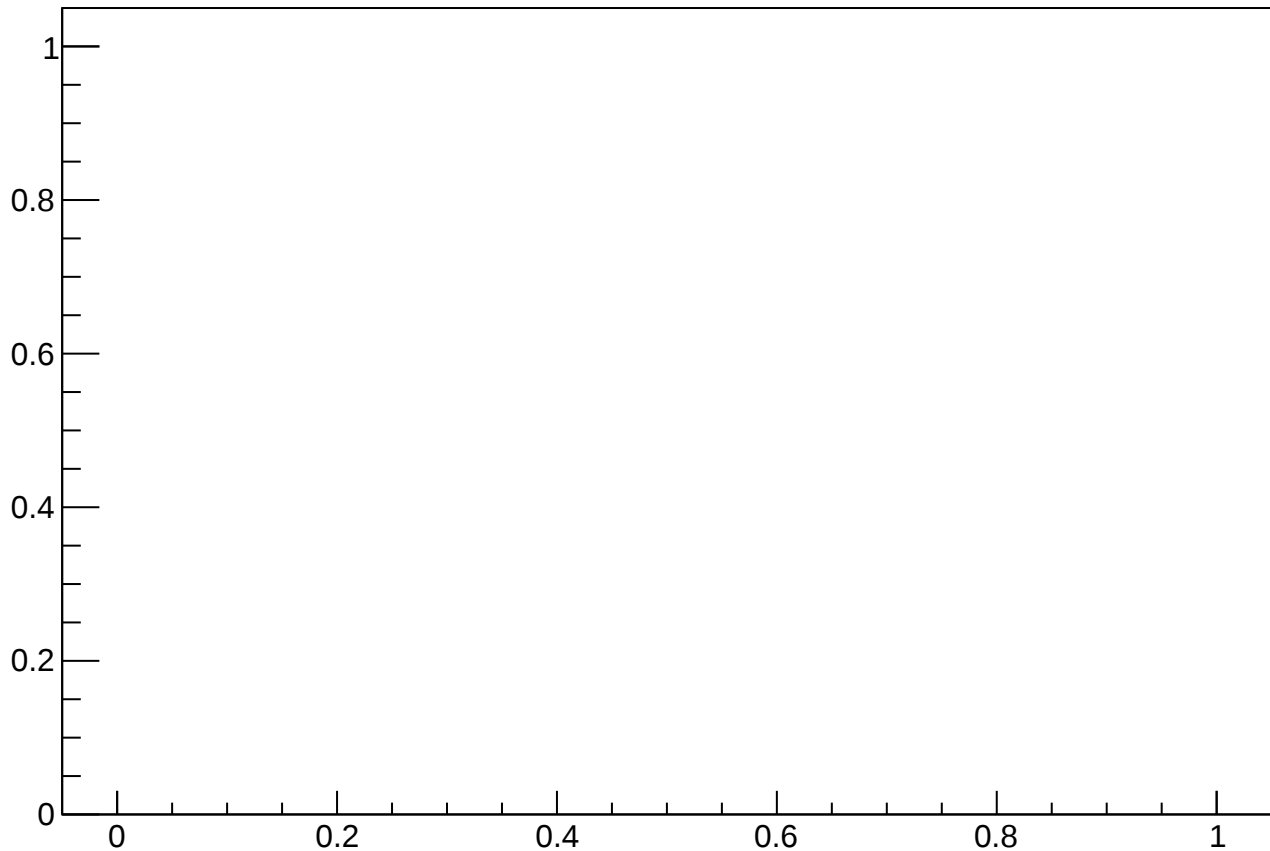
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean vs Slug



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

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

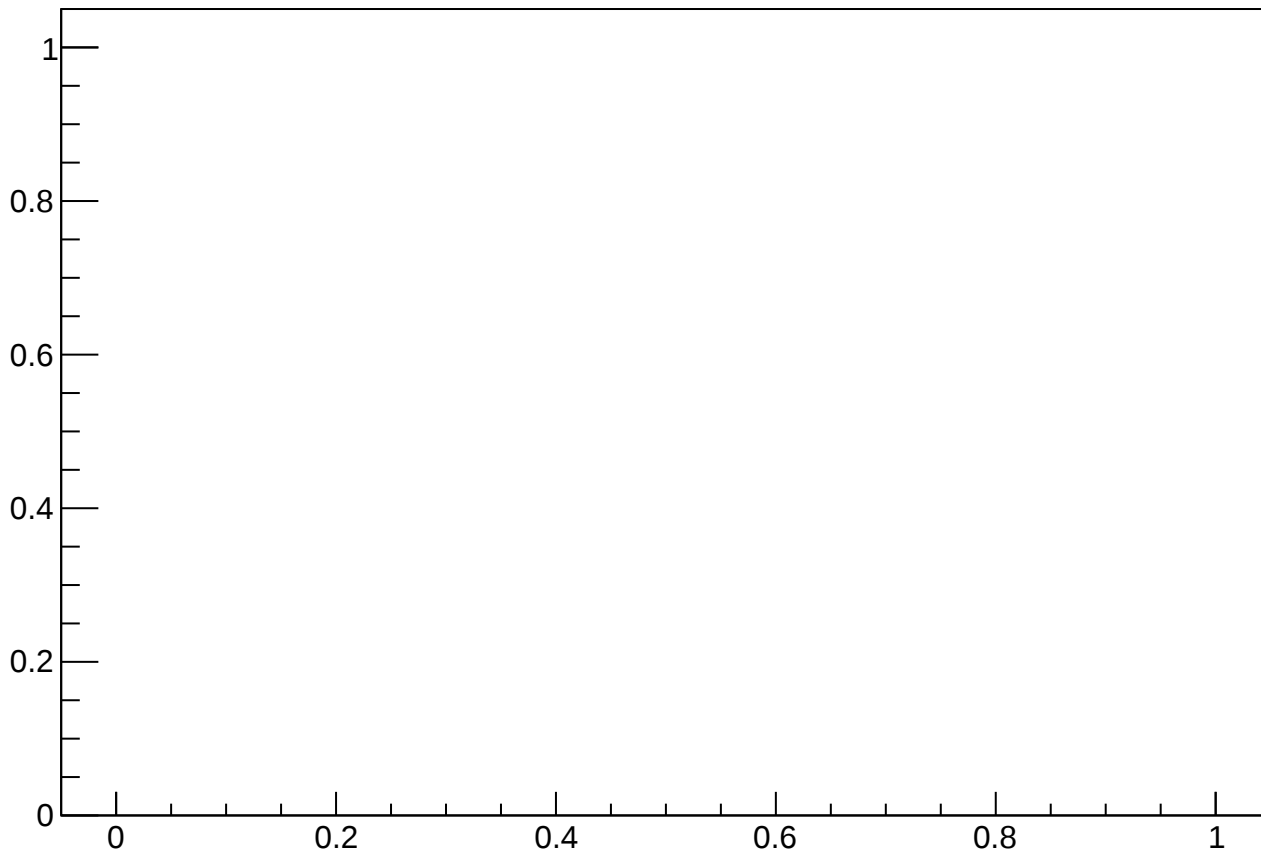
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_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

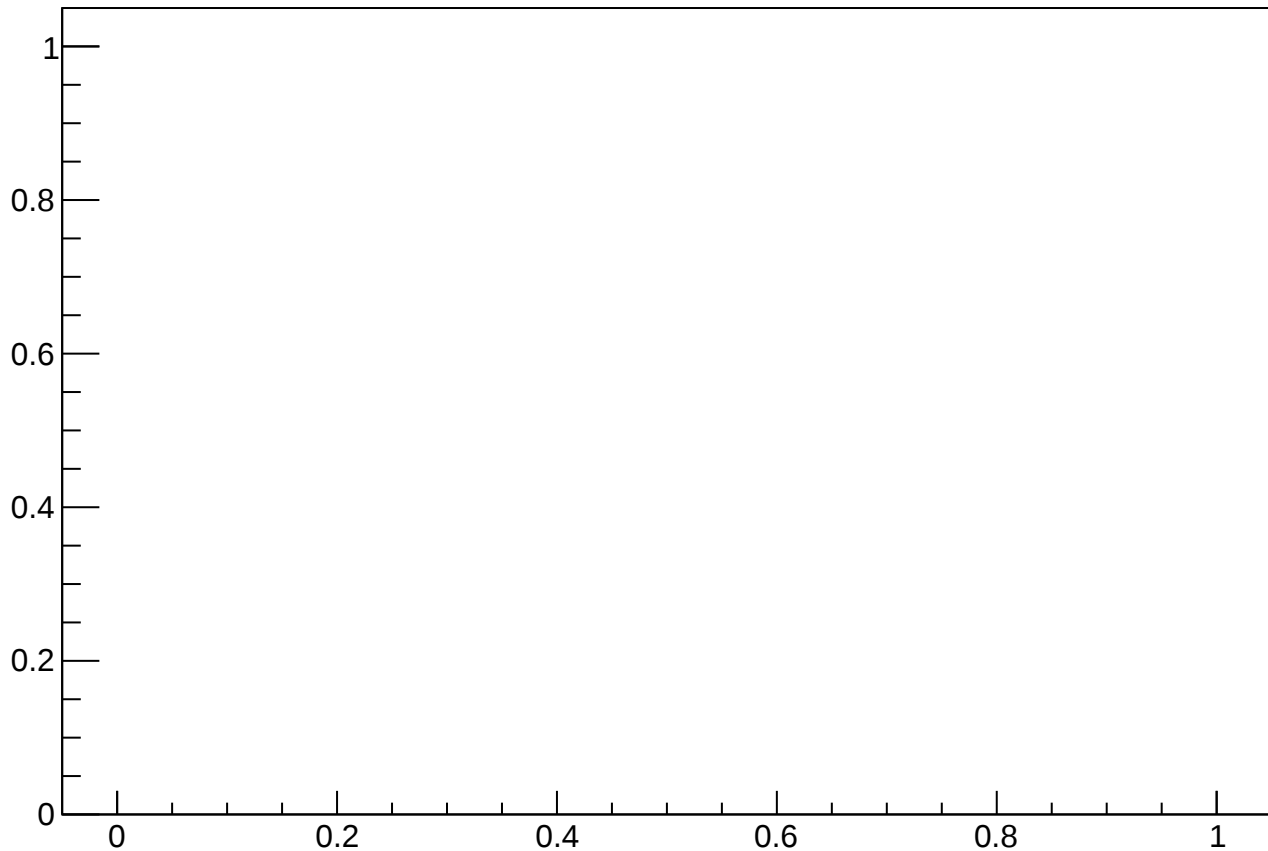
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs Slug



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

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

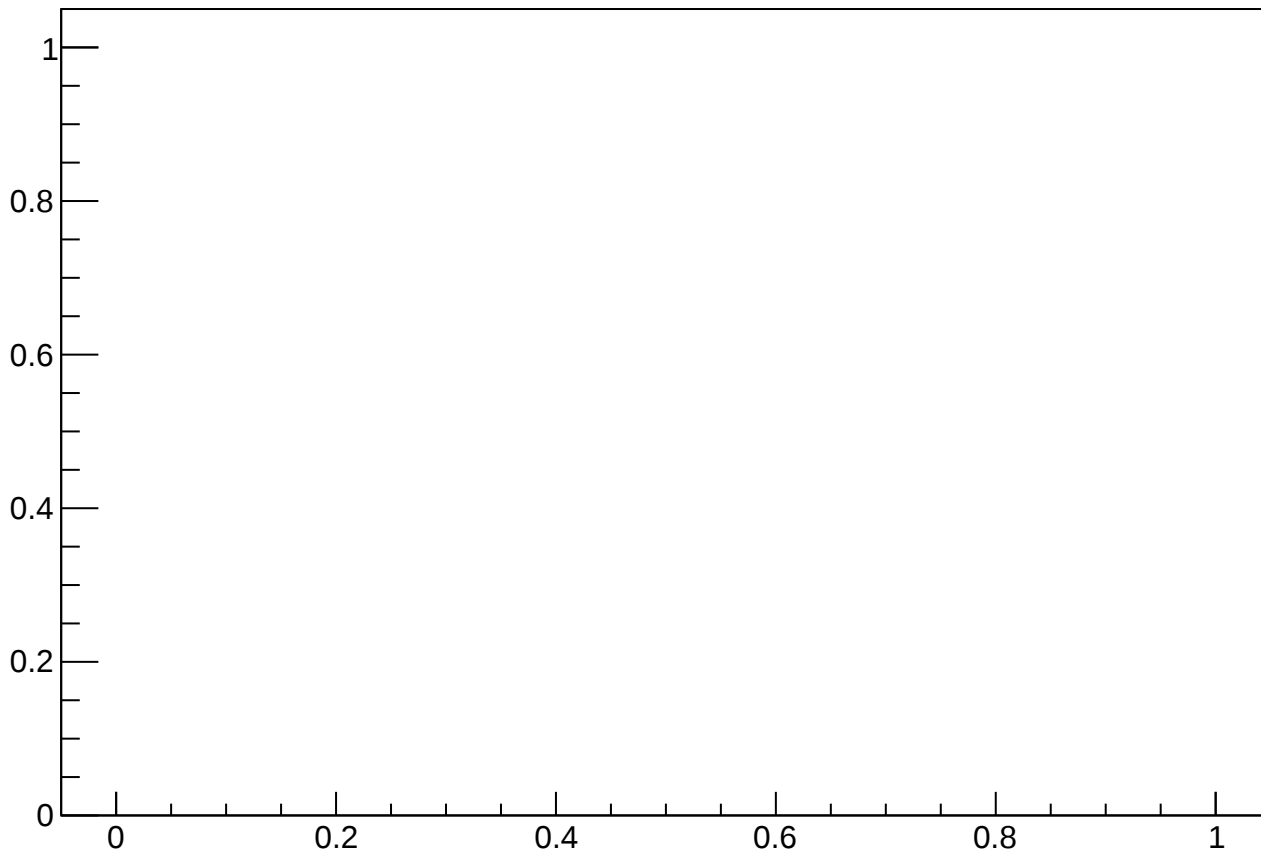
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_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

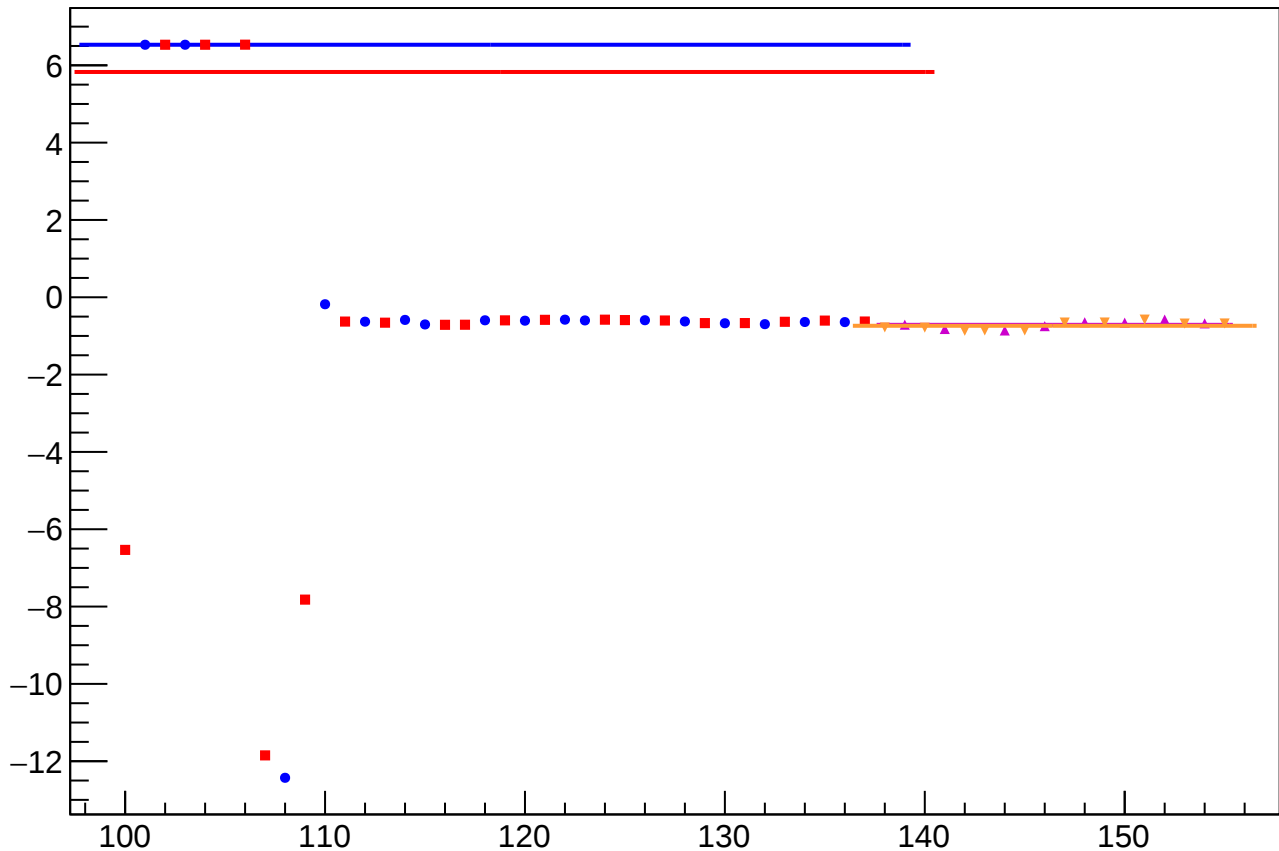
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 127219747629.7/16

Left Out: -0.737 $\pm$ 0.000 χ^2 /NDF: 69227546.5/9

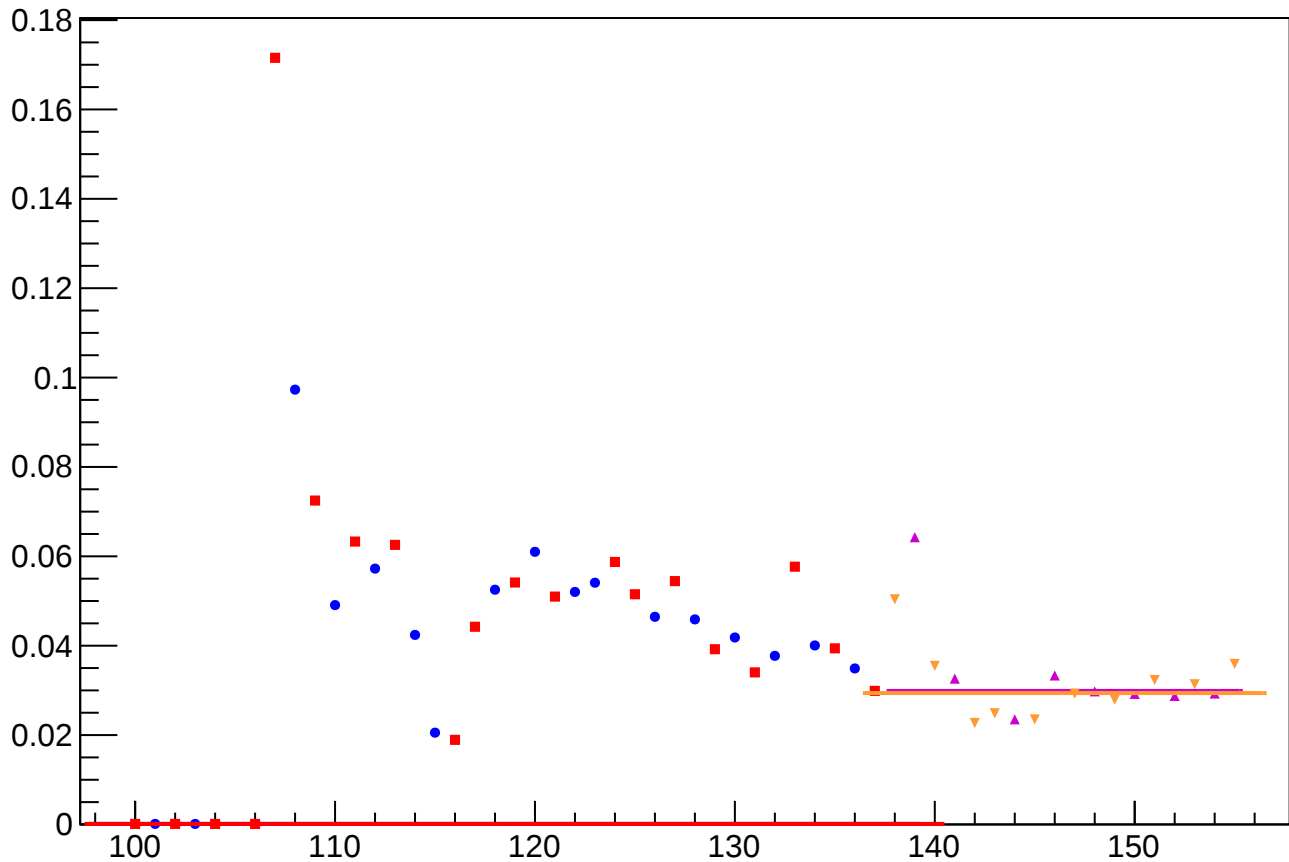
Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755964092355063.0/19

Left In: -0.713 $\pm$ 0.000 χ^2 /NDF: 53530905.8/7

6.531 $\pm$ 0.000 χ^2 /NDF: 471052324064.6/26

5.827 $\pm$ 0.000 χ^2 /NDF: 756206926701445.0/27

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8888070.2/16

Left Out: 0.029+/-0.000 χ^2/NDF : 459272.2/9

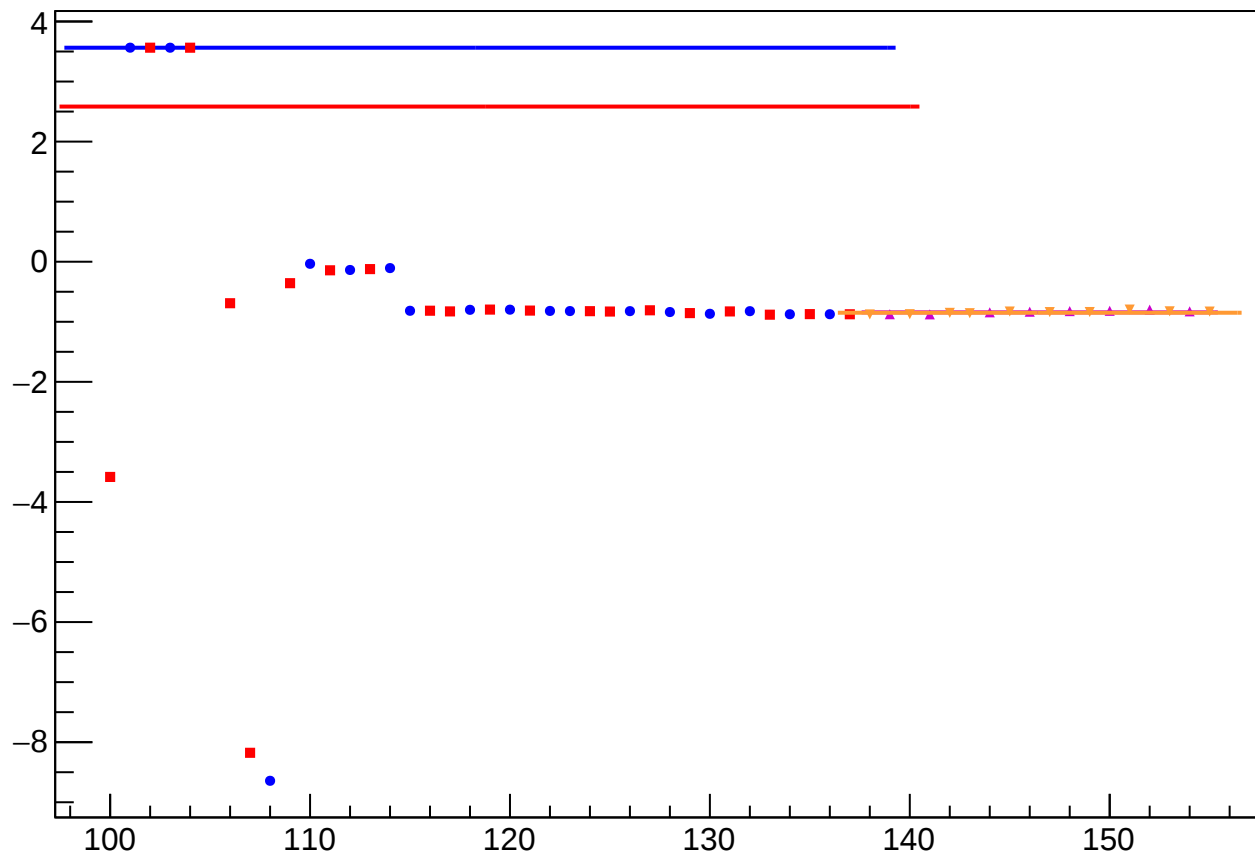
0.000+/-0.000 χ^2/NDF : 20499477.9/26

Right Out: 0.000+/-0.000 χ^2/NDF : 9429256.2/19

0.000+/-0.000 χ^2/NDF : 19998318.3/27

Left In: 0.030+/-0.000 χ^2/NDF : 517507.5/7

yield_cav4bY_mean vs Slug



Right In: 3.563 +/- 0.000 χ^2/NDF : 481634392464.0/16

Left Out: -0.849 +/- 0.000 χ^2/NDF : 34929776.0/9

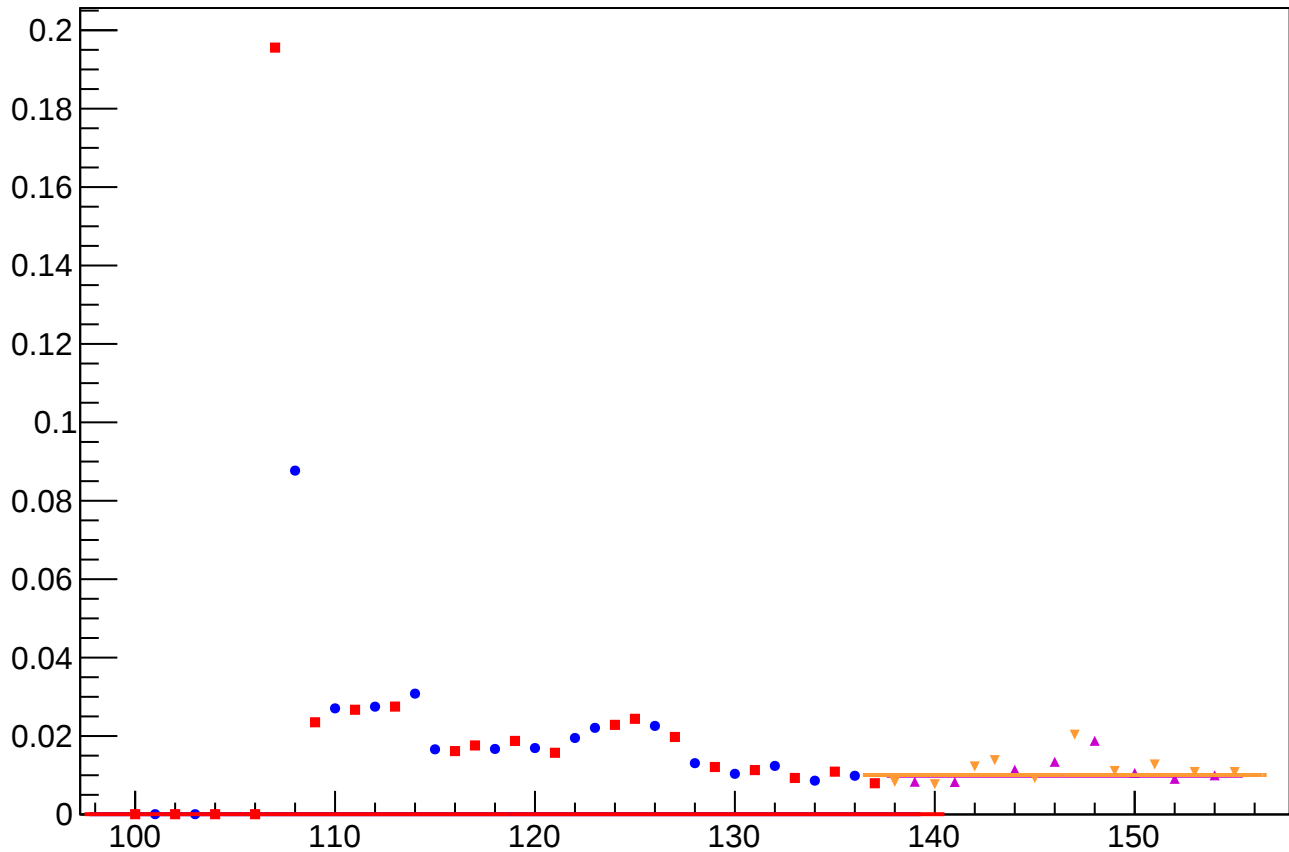
Right Out: 2.583 +/- 0.000 χ^2/NDF : 1253503502448656.2/19

Left In: -0.843 +/- 0.000 χ^2/NDF : 47025170.5/7

3.562 +/- 0.000 χ^2/NDF : 1541108647311.4/26

2.583 +/- 0.000 χ^2/NDF : 1254113530889771.8/26

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9724059.3/16

Left Out: 0.010+/-0.000 χ^2/NDF : 722006.8/9

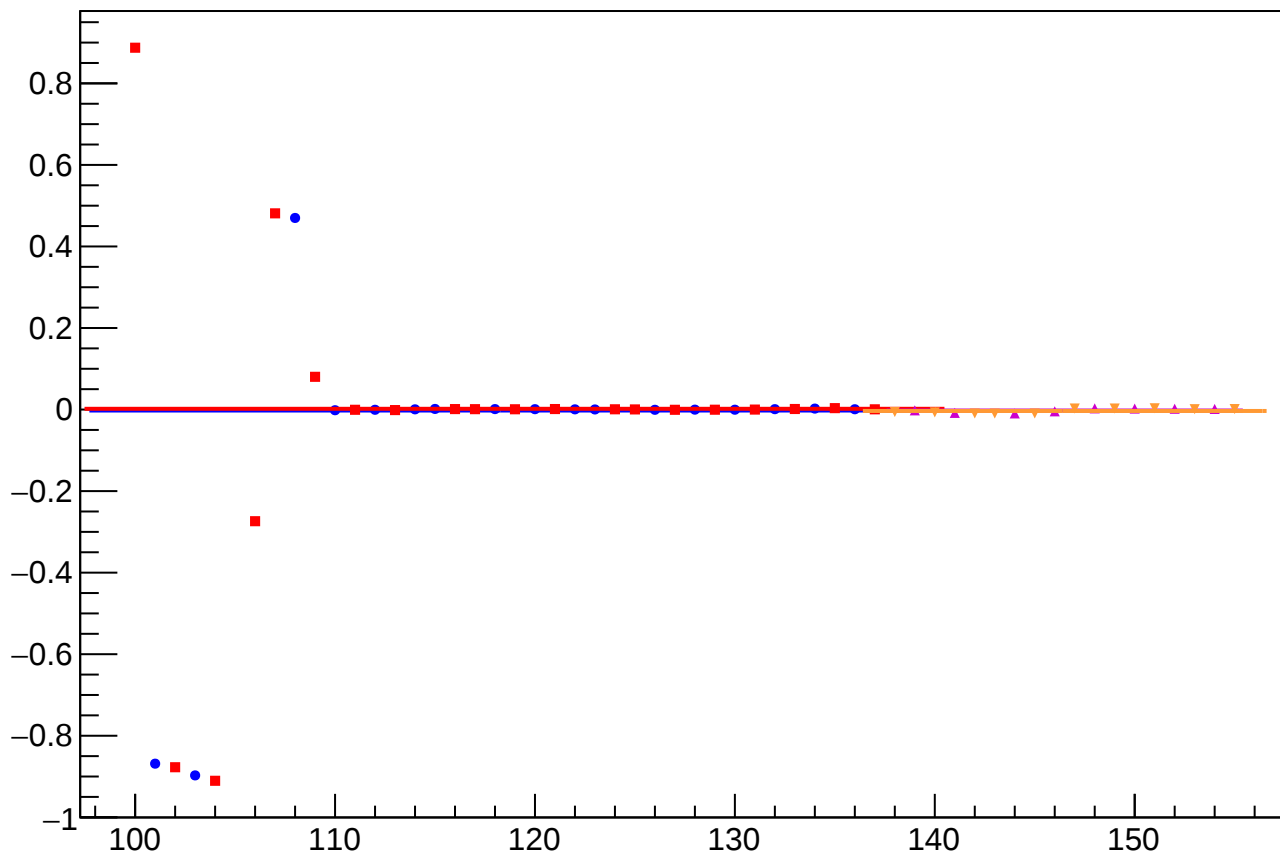
Right Out: 0.000+/-0.000 χ^2/NDF : 9937459.6/19

Left In: 0.010+/-0.000 χ^2/NDF : 532208.8/7

0.000+/-0.000 χ^2/NDF : 21308186.8/26

0.000+/-0.000 χ^2/NDF : 20449507.9/27

yield_cav4cX_mean vs Slug



Right In: -0.002+/-0.000 χ^2/NDF : 9794863405.3/16

Left Out: -0.003+/-0.000 χ^2/NDF : 72220819.0/9

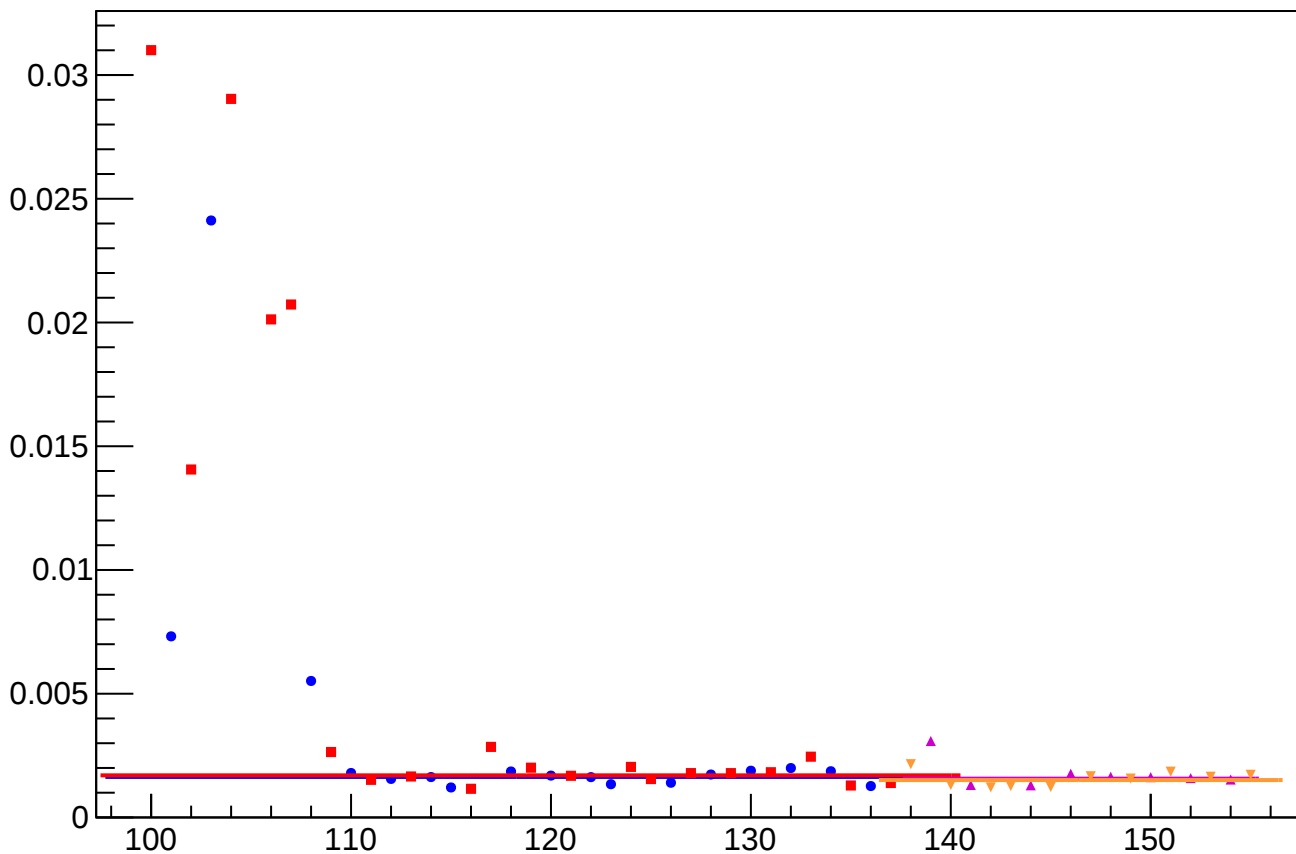
Right Out: 0.002+/-0.000 χ^2/NDF : 3041323813.4/19

Left In: -0.002+/-0.000 χ^2/NDF : 53218801.4/7

-0.003+/-0.000 χ^2/NDF : 9868279969.5/26

-0.001+/-0.000 χ^2/NDF : 3110407277.8/27

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:341072.7/9

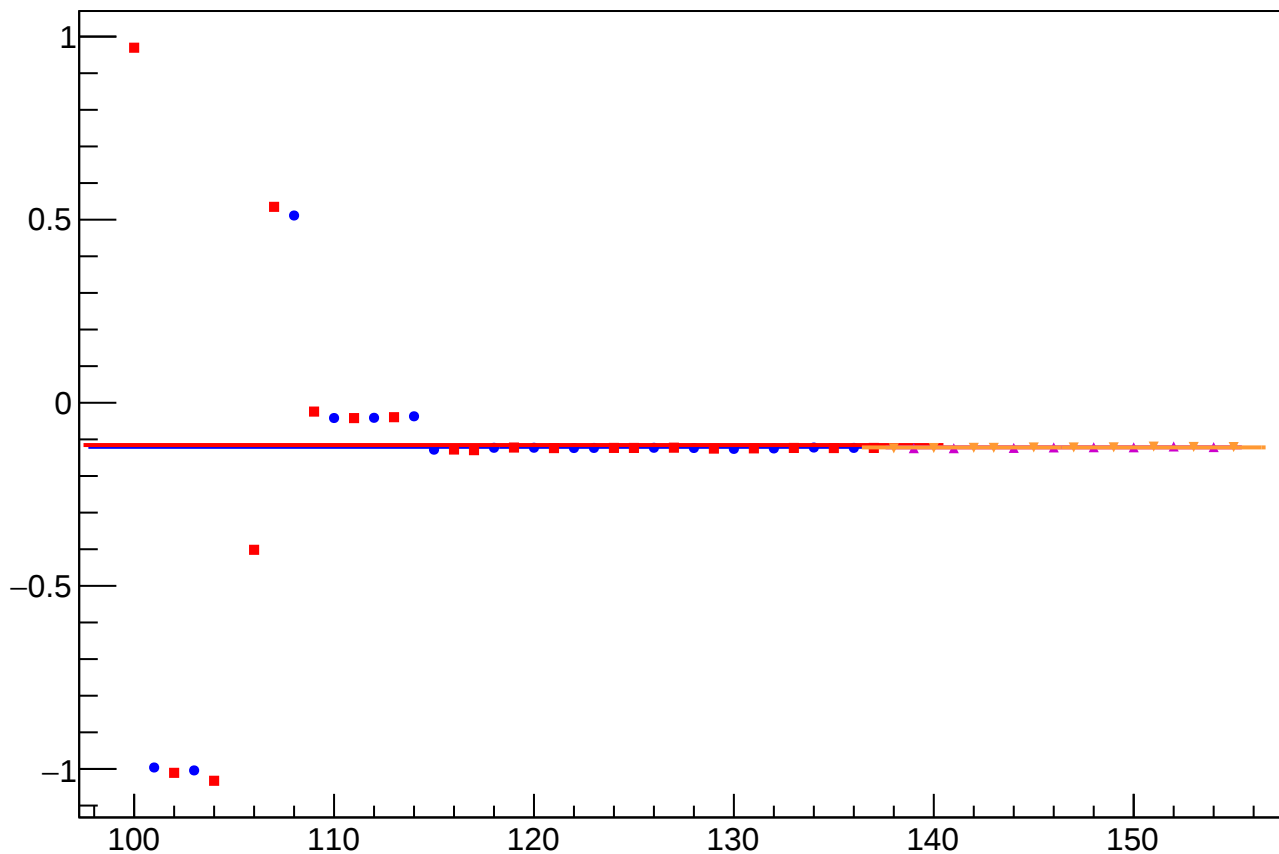
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3037006.7/19

Left In: 0.002 $\pm$ 0.000 χ^2 /NDF:469191.4/7

0.002 $\pm$ 0.000 χ^2 /NDF: 2289525.0/26

0.002 $\pm$ 0.000 χ^2 /NDF: 3537256.3/27

yield_cav4cY_mean vs Slug



Right In: -0.120 ± 0.000 χ^2/NDF : 3932144335.2/16

Left Out: -0.122 ± 0.000 χ^2/NDF : 9414575.3/9

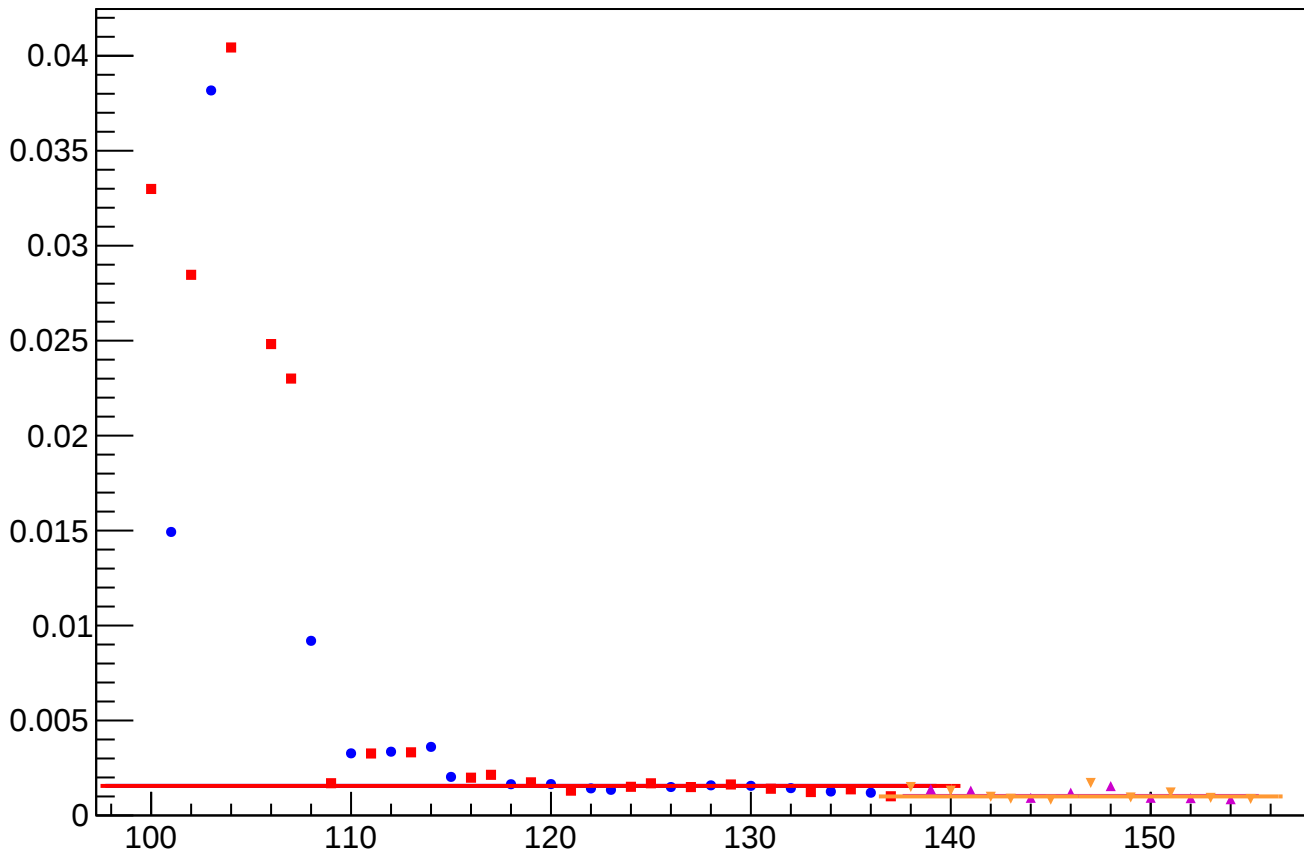
-0.122 ± 0.000 χ^2/NDF : 3945165691.9/26

Right Out: -0.115 ± 0.000 χ^2/NDF : 2458475073.1/19

-0.120 ± 0.000 χ^2/NDF : 2525771145.1/27

Left In: -0.122 ± 0.000 χ^2/NDF : 12516333.4/7

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2901093.3/16

Left Out: 0.001+/-0.000 χ^2/NDF : 654469.4/9

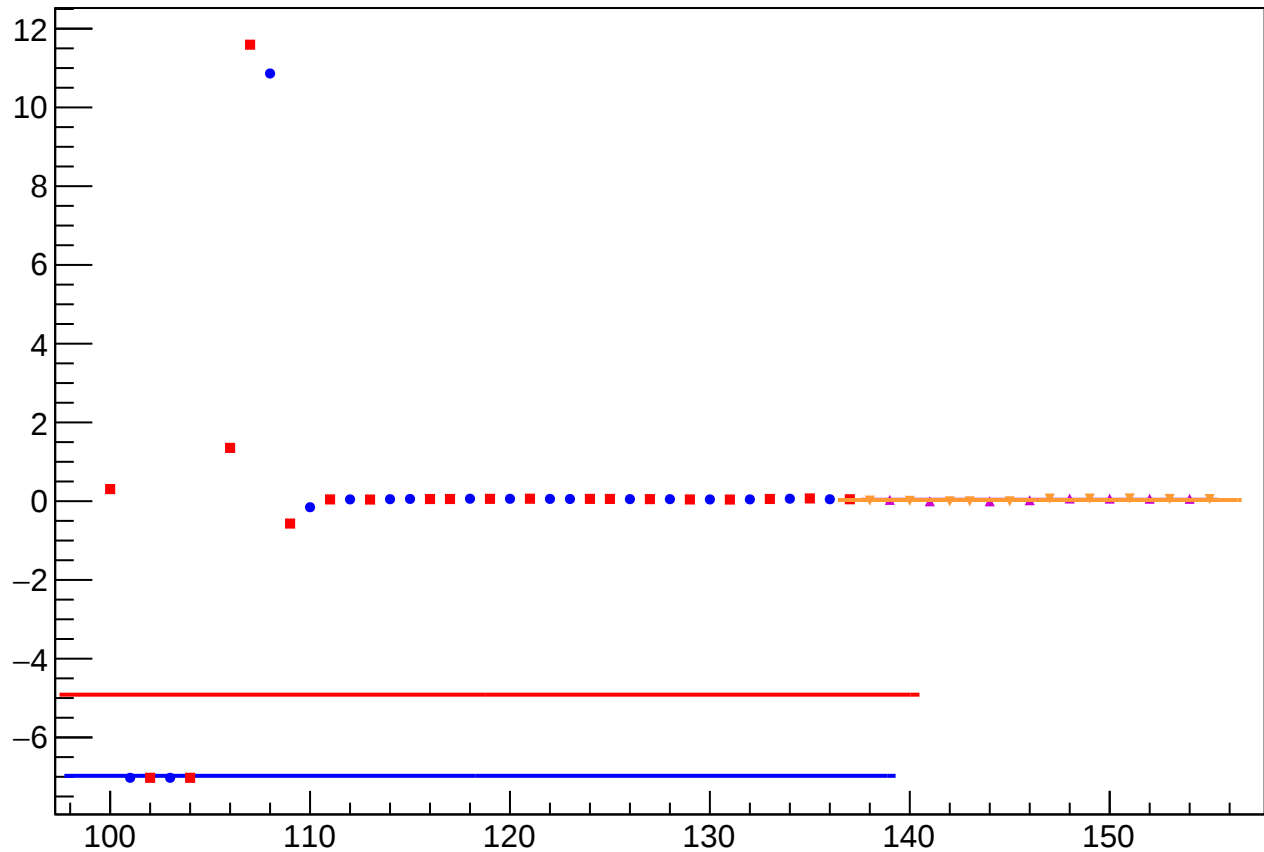
0.001+/-0.000 χ^2/NDF : 4456200.1/26

Right Out: 0.002+/-0.000 χ^2/NDF : 3545212.9/19

0.001+/-0.000 χ^2/NDF : 4823392.6/27

Left In: 0.001+/-0.000 χ^2/NDF : 486167.0/7

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2/NDF : 8749579700722.8/16

Left Out: 0.030+/-0.000 χ^2/NDF : 70984615.6/9

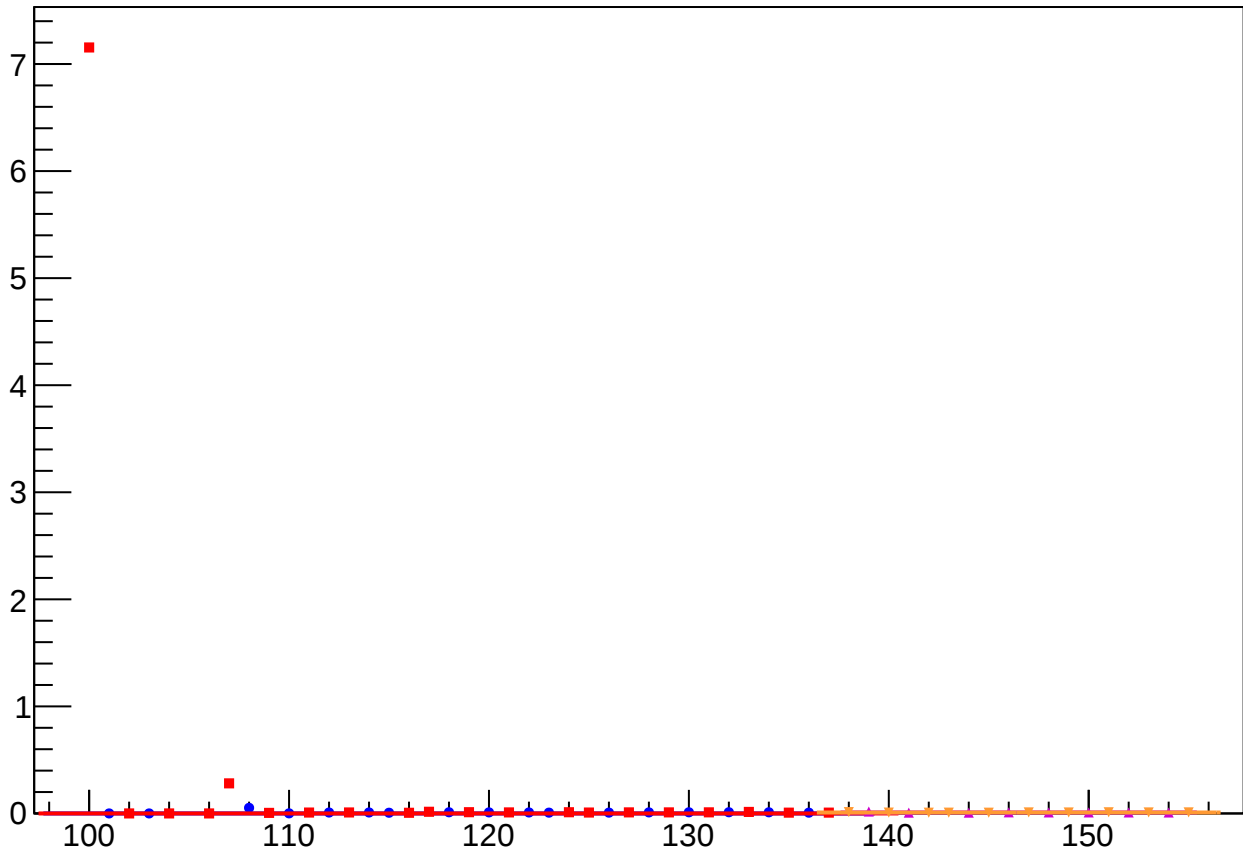
Right Out: -4.914+/-0.000 χ^2/NDF : 365362121338855.3/19

Left In: 0.036+/-0.000 χ^2/NDF : 57649491.2/7

-6.956+/-0.000 χ^2/NDF : 12211347742392.3/26

-4.903+/-0.000 χ^2/NDF : 366836387823690.1/2

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8242728.7/16

Left Out: 0.009+/-0.000 χ^2/NDF :343699.5/9

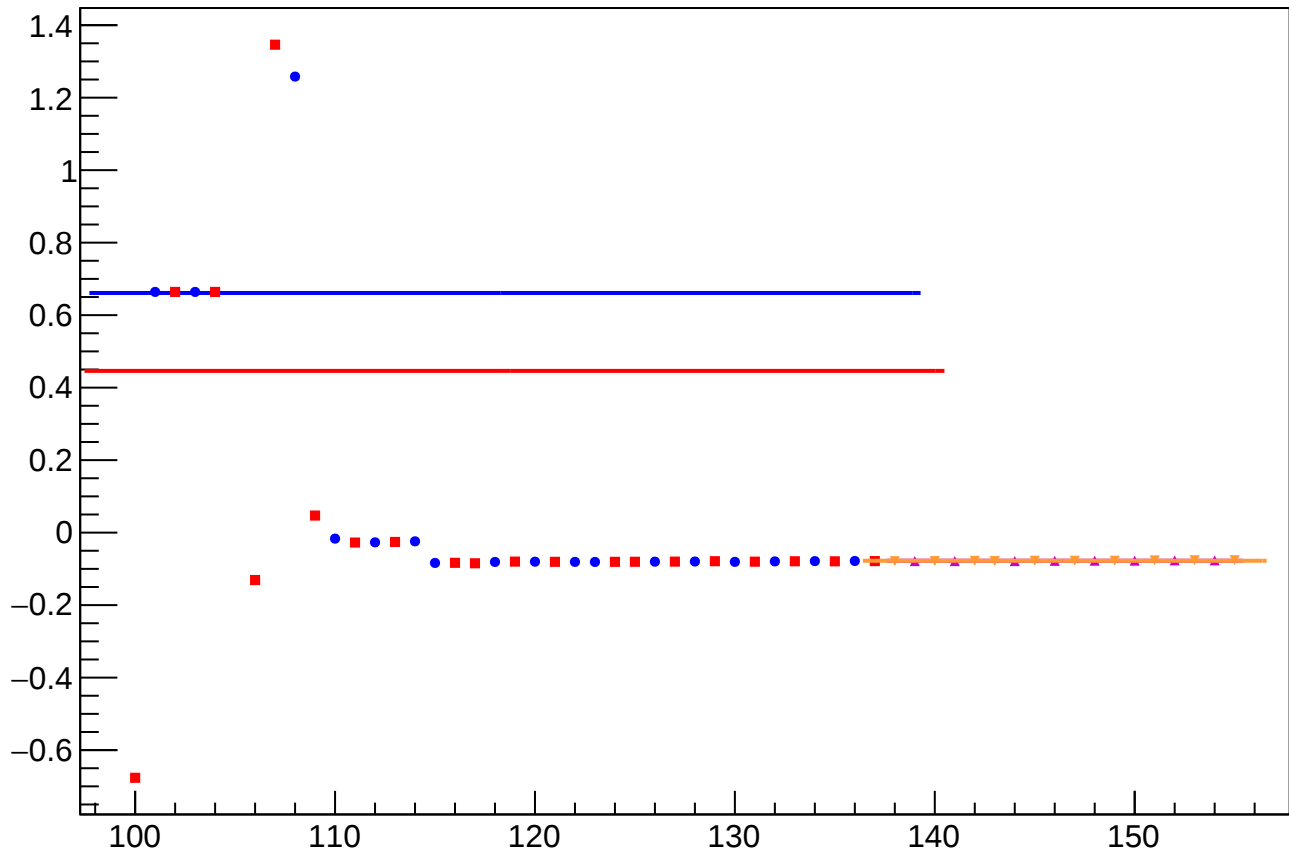
0.000+/-0.000 χ^2/NDF : 19324630.0/26

Right Out: 0.000+/-0.000 χ^2/NDF : 8854773.0/19

0.000+/-0.000 χ^2/NDF : 19088832.9/27

Left In: 0.009+/-0.000 χ^2/NDF :469438.4/7

yield_cav4dY_mean vs Slug



Right In: 0.661+/-0.000 χ^2/NDF : 5607525081216.0/16

Left Out: -0.078+/-0.000 χ^2/NDF : 18588272.2/9

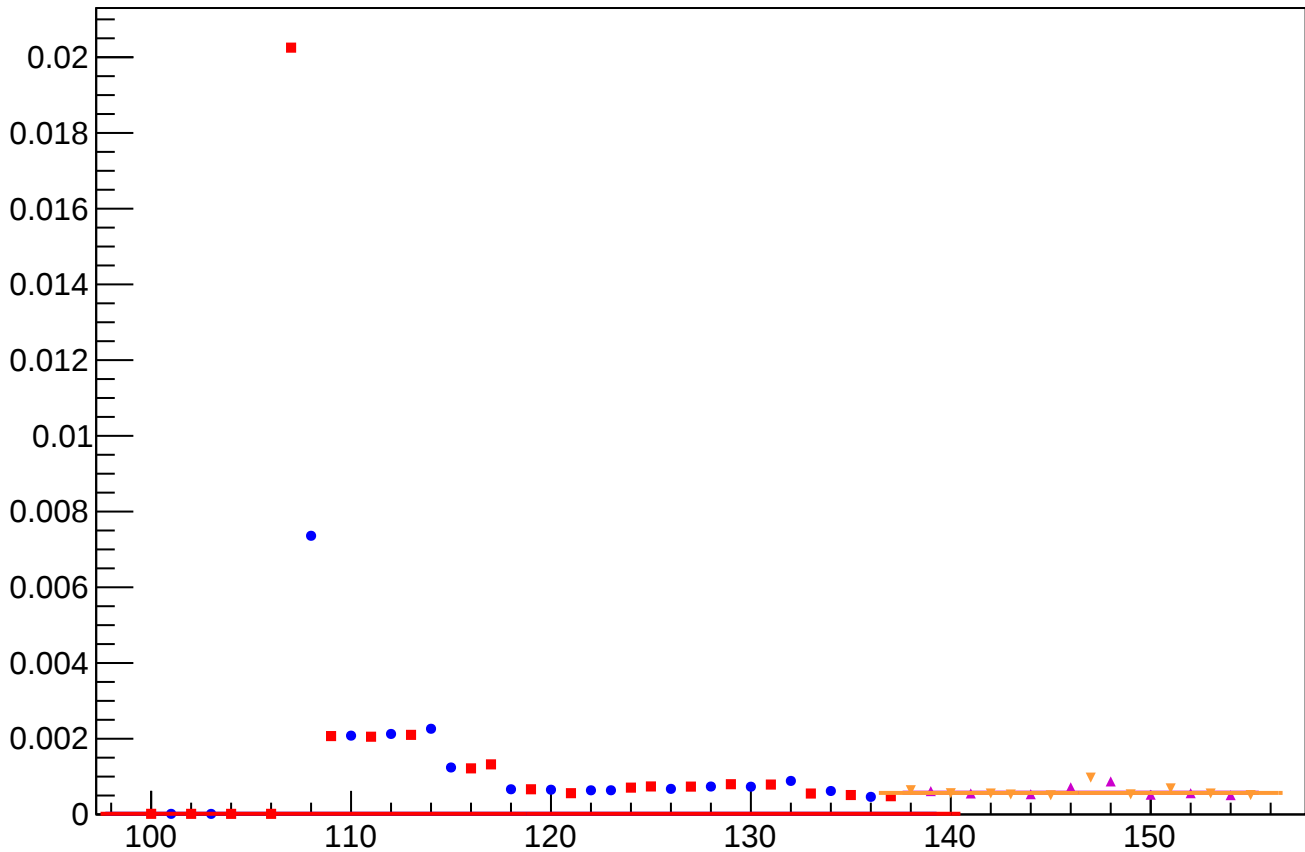
Right Out: 0.446+/-0.000 χ^2/NDF : 405423069582977.9/19

Left In: -0.078+/-0.000 χ^2/NDF : 11683186.9/7

0.655+/-0.000 χ^2/NDF : 17038838397587.5/26

0.443+/-0.000 χ^2/NDF : 410521348093365.9/27

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 :378616.9/9

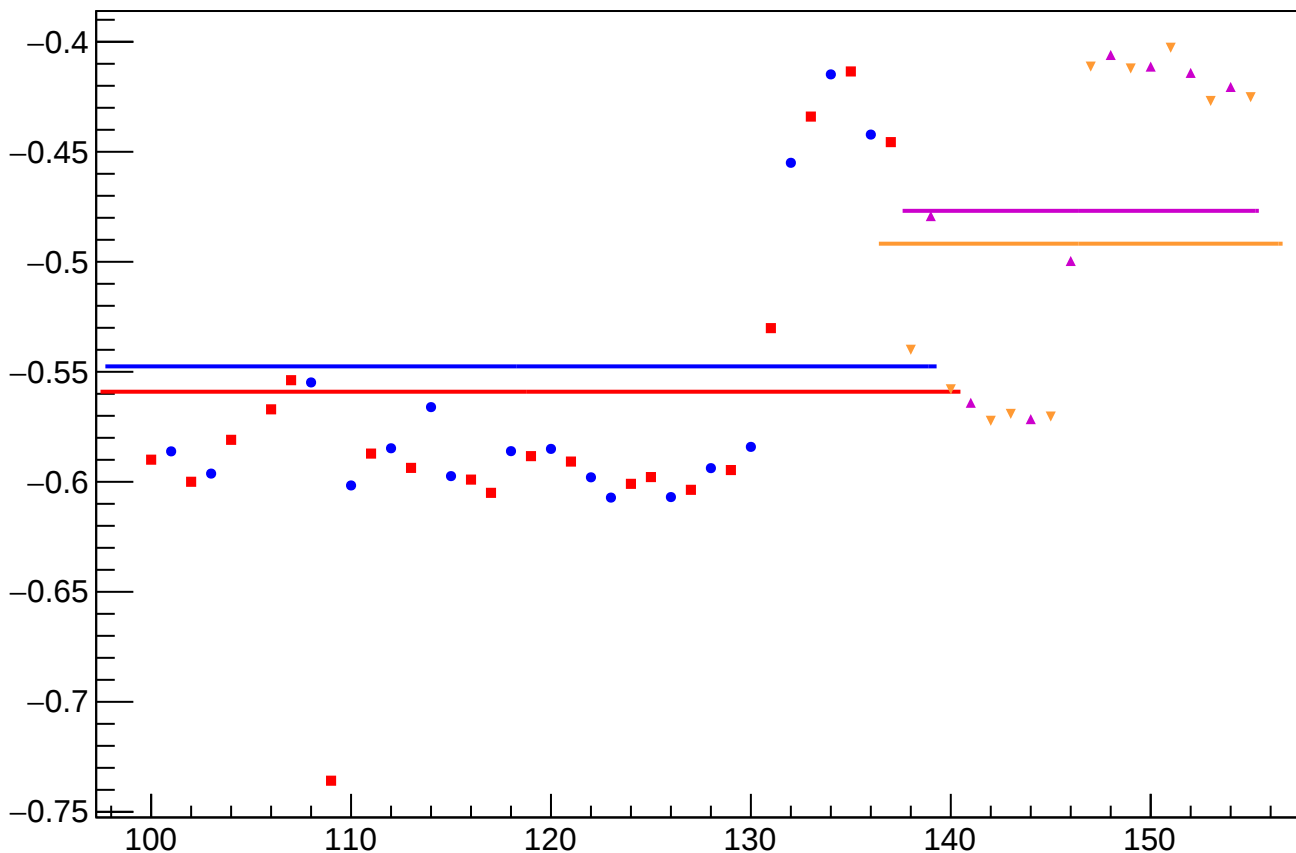
Right Out: 0.000+/-0.000 χ^2/NDF : 9555089.8/19

Left In: 0.001+/-0.000 χ^2/NDF :300405.5/7

0.000+/-0.000 χ^2/NDF : 22946782.2/26

0.000+/-0.000 χ^2/NDF : 21384672.4/27

yield_bpm4aX_mean vs Slug



Right In: -0.548 ± 0.000 χ^2/NDF : 48545285.9/16

Left Out: -0.492 ± 0.000 χ^2/NDF : 80403821.0/9

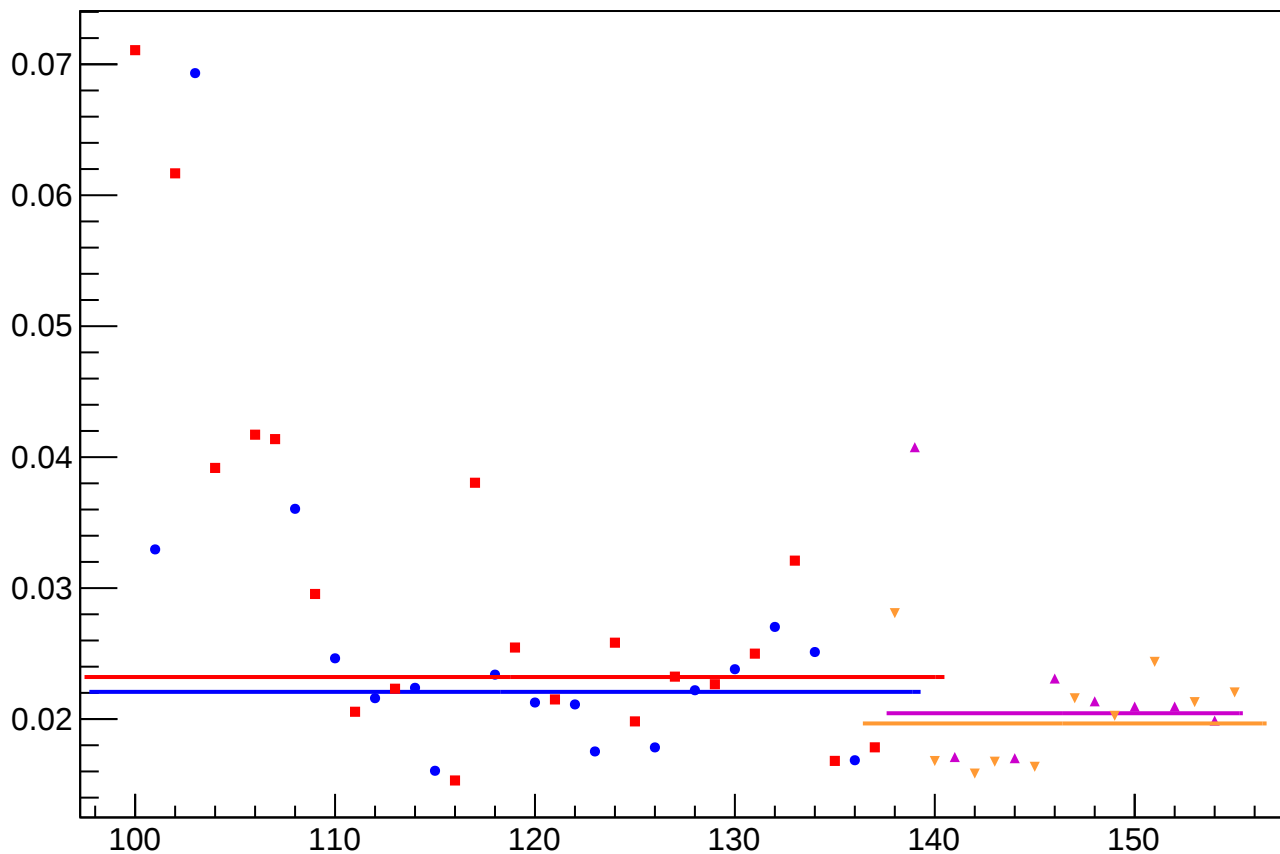
Right Out: -0.559 ± 0.000 χ^2/NDF : 65389755.0/19

Left In: -0.477 ± 0.000 χ^2/NDF : 60826452.4/7

-0.515 ± 0.000 χ^2/NDF : 147691120.6/26

-0.514 ± 0.000 χ^2/NDF : 163168752.8/27

yield_bpm4aX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 954779.5/16

Left Out: 0.020+/-0.000 χ^2/NDF : 328200.4/9

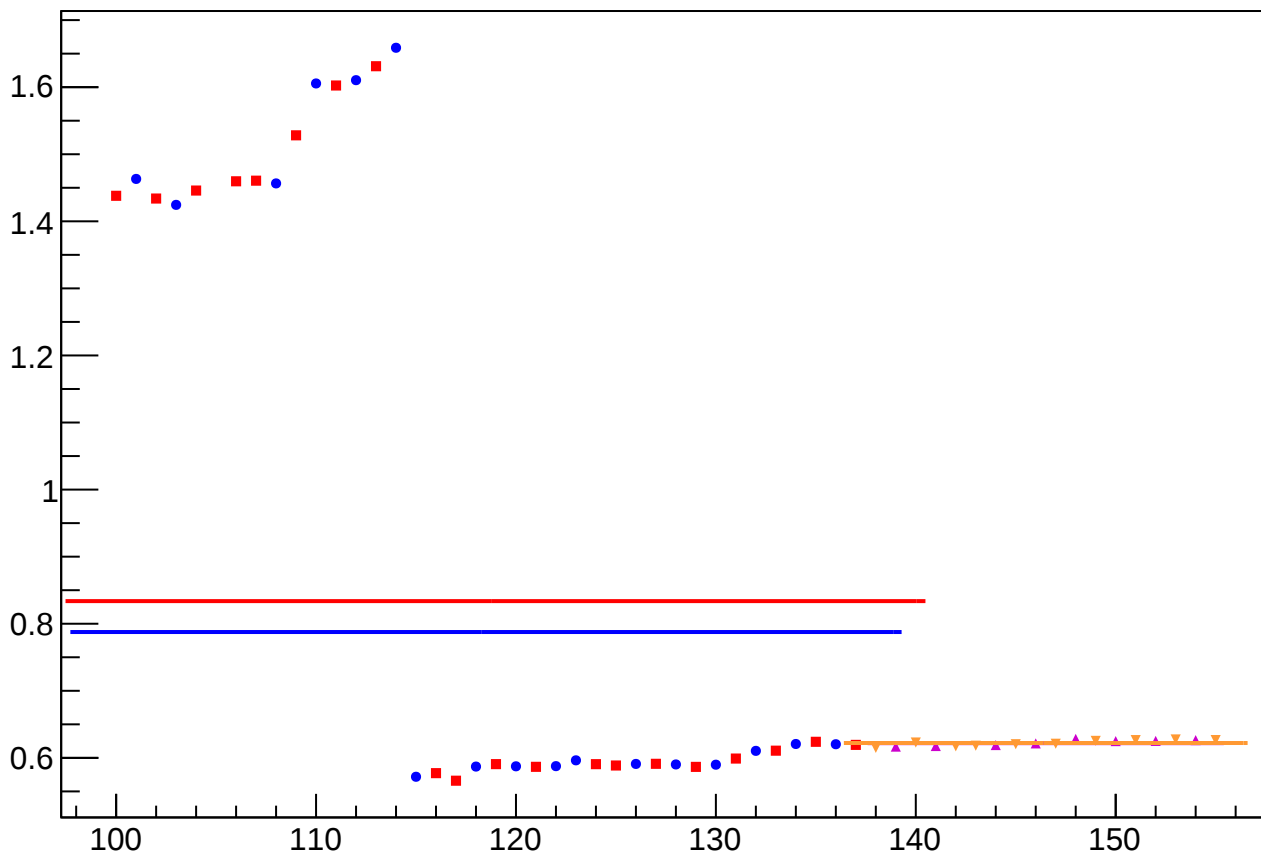
Right Out: 0.023+/-0.000 χ^2/NDF : 1169013.8/19

Left In: 0.020+/-0.000 χ^2/NDF : 475351.0/7

0.021+/-0.000 χ^2/NDF : 1353117.1/26

0.022+/-0.000 χ^2/NDF : 1728009.5/27

yield_bpm4aY_mean vs Slug



Right In: 0.788 $\pm$ 0.000 χ^2 /NDF: 3581400502.4/16

Left Out: 0.622 $\pm$ 0.000 χ^2 /NDF: 778783.3/9

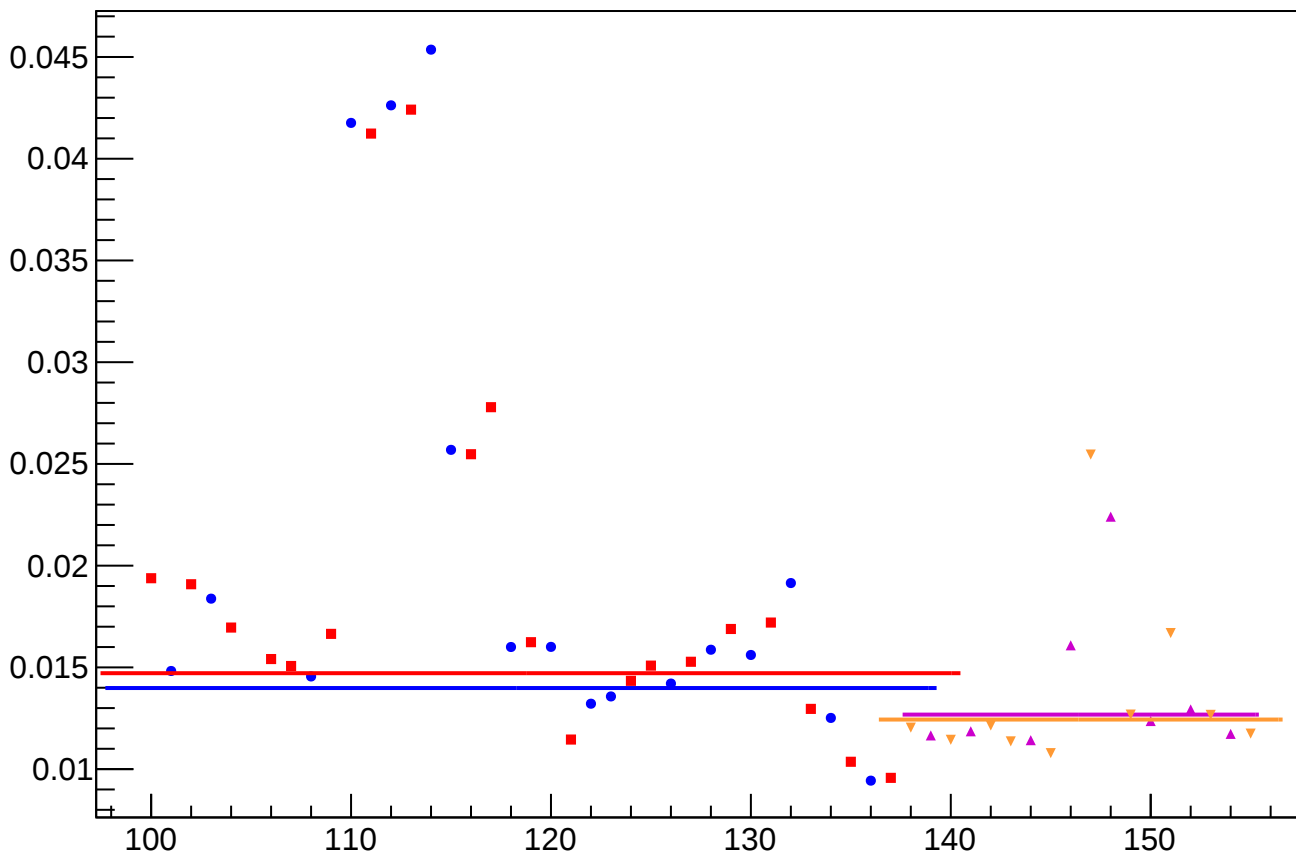
Right Out: 0.834 $\pm$ 0.000 χ^2 /NDF: 4155673215.9/19

Left In: 0.622 $\pm$ 0.000 χ^2 /NDF: 589843.1/7

0.688 $\pm$ 0.000 χ^2 /NDF: 4057762962.3/26

0.711 $\pm$ 0.000 χ^2 /NDF: 4879326426.6/27

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: 547599.9/9

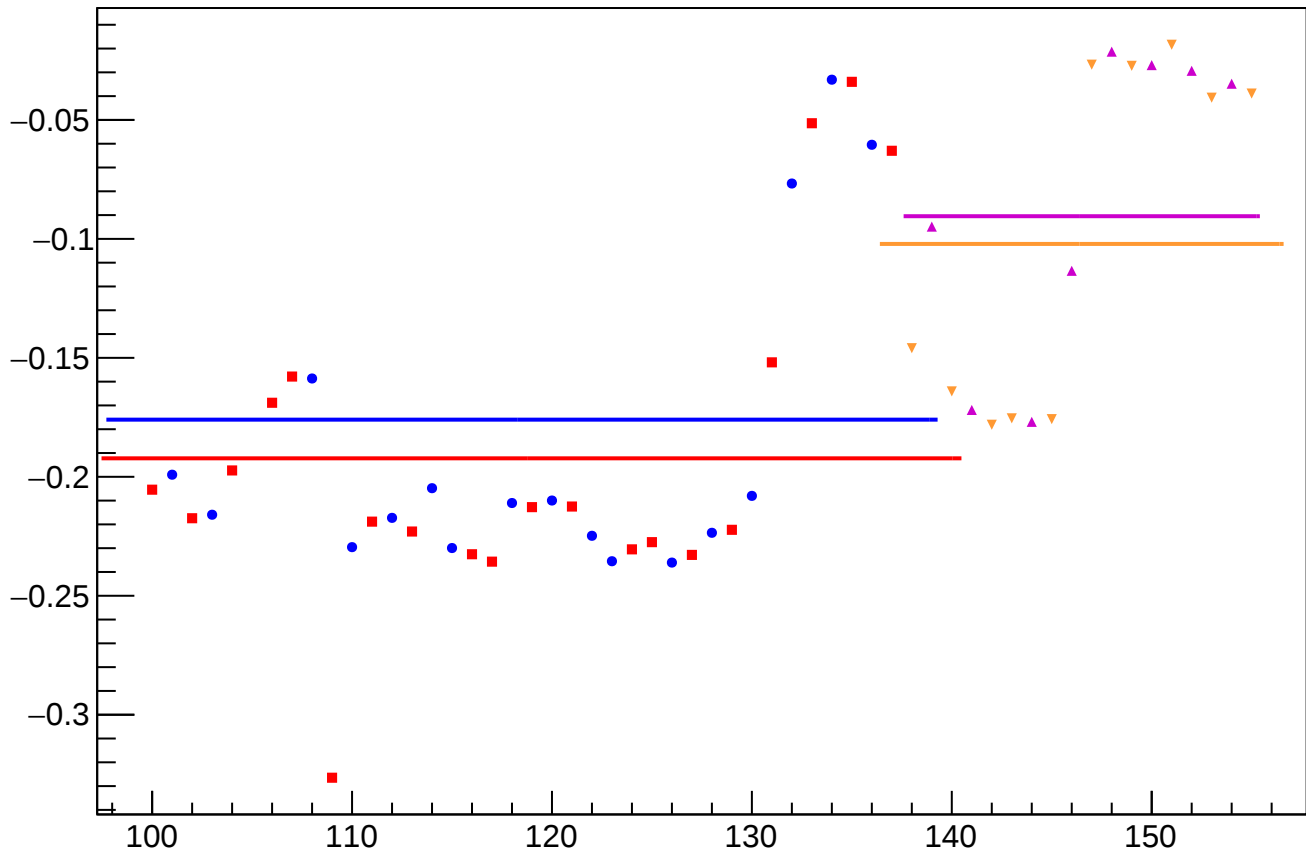
0.013 $\pm$ 0.000 χ^2 /NDF: 2029483.0/26

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1275472.3/19

0.014 $\pm$ 0.000 χ^2 /NDF: 1811965.5/27

Left In: 0.013 $\pm$ 0.000 χ^2 /NDF: 402926.9/7

yield_bpm4eX_mean vs Slug



Right In: -0.176 $\pm$ 0.000 χ^2/NDF : 70121069.1/16

Left Out: -0.102 $\pm$ 0.000 χ^2/NDF : 78036537.7/9

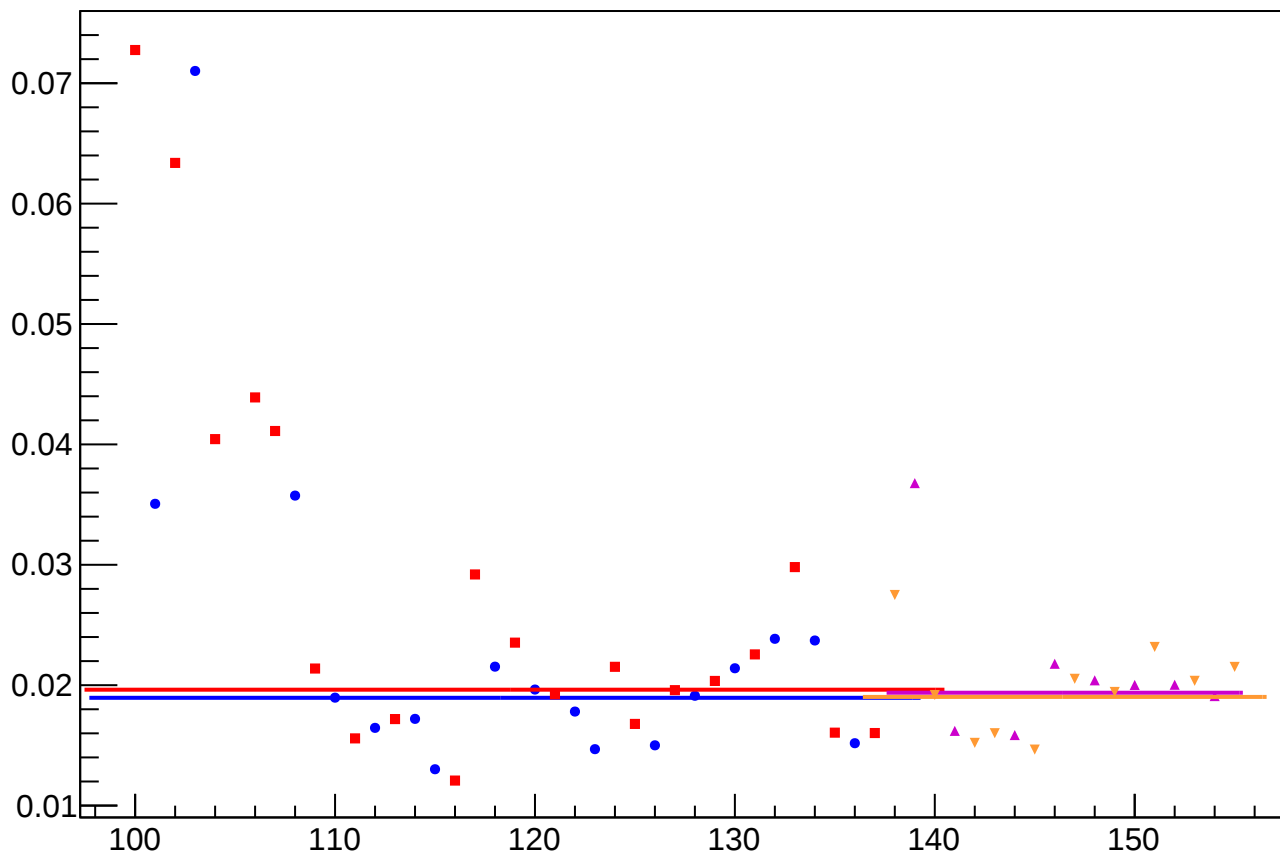
Right Out: -0.192 $\pm$ 0.000 χ^2/NDF : 83343025.0/19

Left In: -0.090 $\pm$ 0.000 χ^2/NDF : 61445257.5/7

-0.137 $\pm$ 0.000 χ^2/NDF : 188135086.9/26

-0.141 $\pm$ 0.000 χ^2/NDF : 215173987.3/27

yield_bpm4eX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1203275.7/16

Left Out: 0.019+/-0.000 χ^2/NDF : 358469.1/9

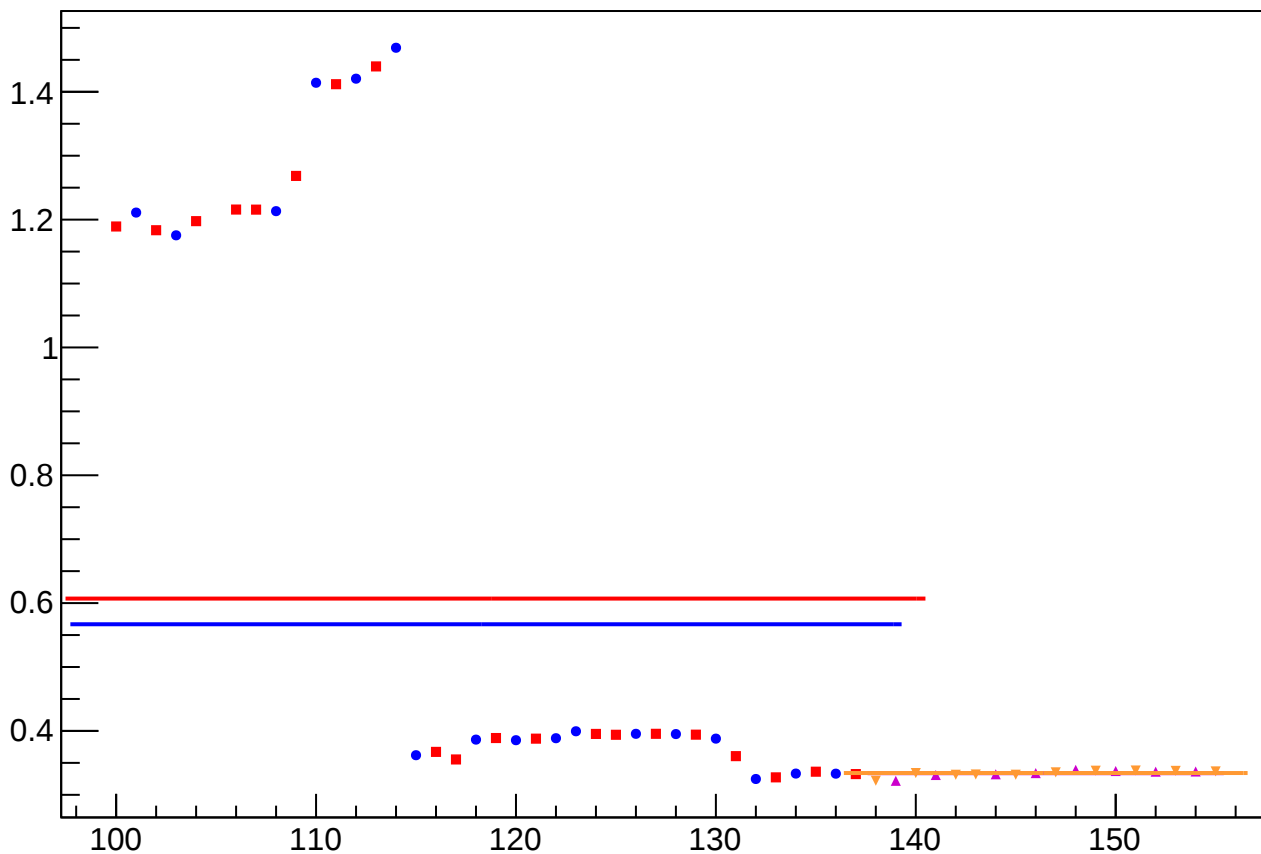
Right Out: 0.020+/-0.000 χ^2/NDF : 1463983.0/19

Left In: 0.019+/-0.000 χ^2/NDF : 452137.2/7

0.019+/-0.000 χ^2/NDF : 1561822.7/26

0.019+/-0.000 χ^2/NDF : 1916984.9/27

yield_bpm4eY_mean vs Slug



Right In: 0.567+/-0.000 χ^2/NDF : 5016913731.3/16

Left Out: 0.334+/-0.000 χ^2/NDF : 961073.7/9

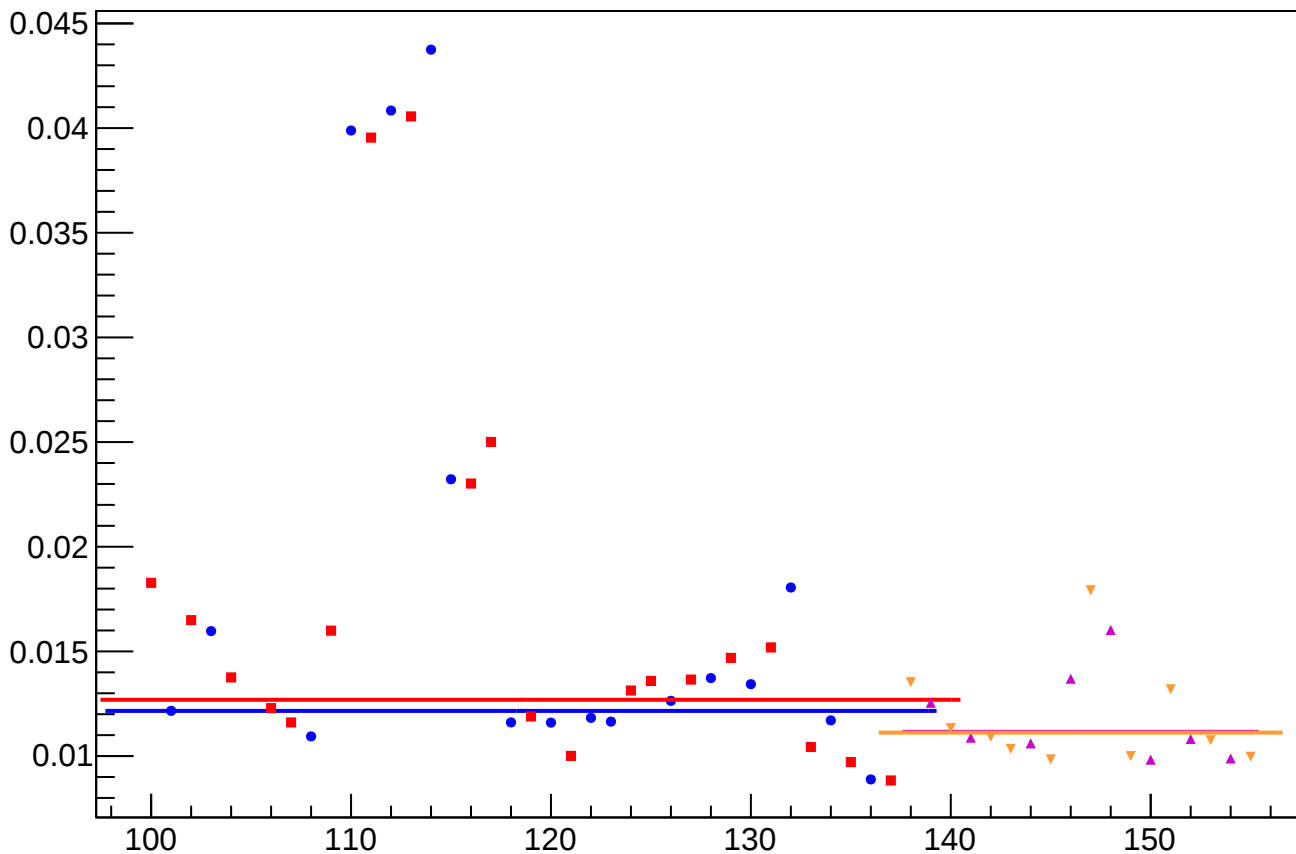
Right Out: 0.607+/-0.000 χ^2/NDF : 5509130775.3/19

Left In: 0.334+/-0.000 χ^2/NDF : 994014.7/7

0.429+/-0.000 χ^2/NDF : 6236905068.3/26

0.450+/-0.000 χ^2/NDF : 7087344094.1/27

yield_bpm4eY_rms vs Slug



Right In: 0.012 ± 0.000 χ^2/NDF : 1307948.2/16

Left Out: 0.011 ± 0.000 χ^2/NDF : 371089.3/9

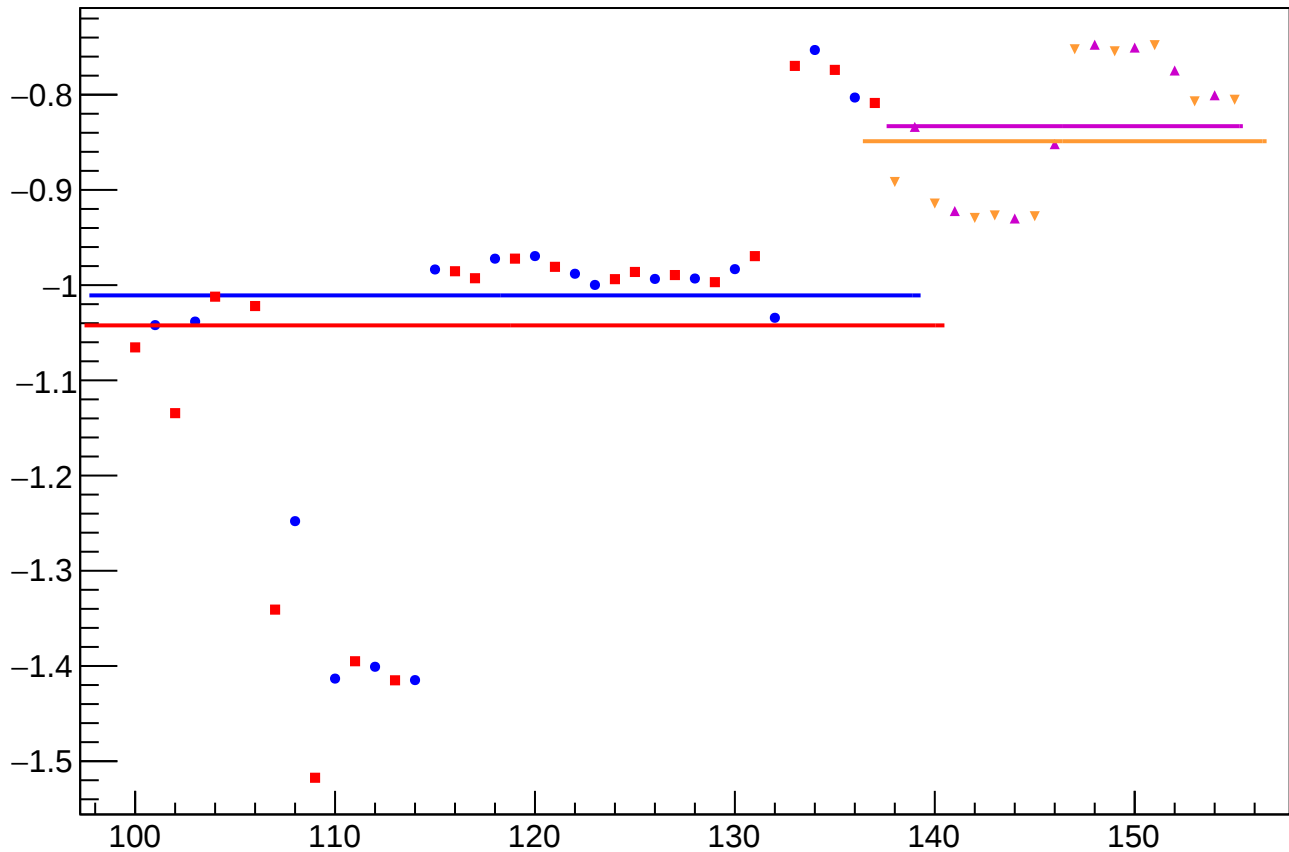
Right Out: 0.013 ± 0.000 χ^2/NDF : 1285911.2/19

Left In: 0.011 ± 0.000 χ^2/NDF : 276447.9/7

0.012 ± 0.000 χ^2/NDF : 1727412.9/26

0.012 ± 0.000 χ^2/NDF : 1661454.3/27

yield_bpm4acX_mean vs Slug



Right In: -1.011+/-0.000 χ^2/NDF : 387140230.3/16

Left Out: -0.849+/-0.000 χ^2/NDF : 88016724.0/9

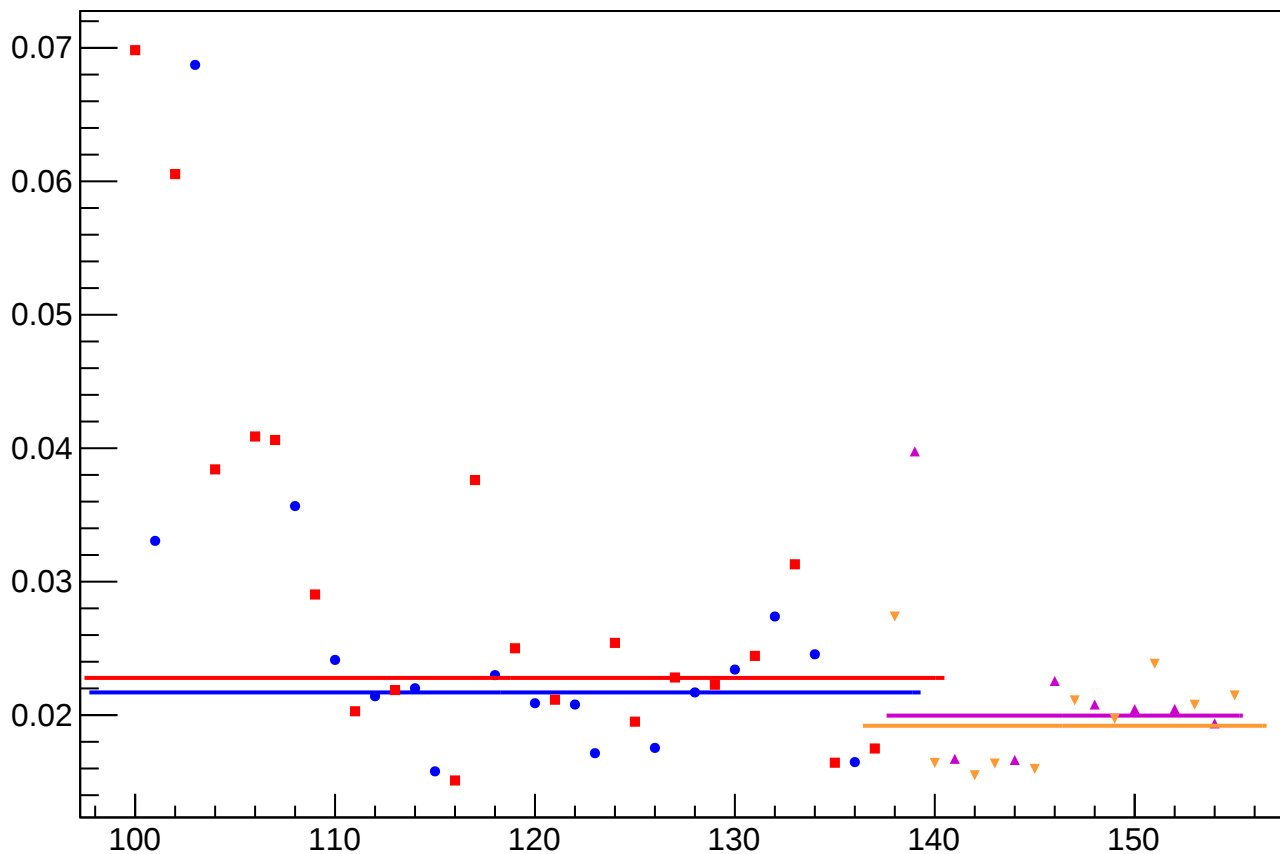
Right Out: -1.042+/-0.000 χ^2/NDF : 529028760.6/19

Left In: -0.833+/-0.000 χ^2/NDF : 68416368.9/7

-0.916+/-0.000 χ^2/NDF : 639469777.0/26

-0.926+/-0.000 χ^2/NDF : 846739774.9/27

yield_bpm4acX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 979293.5/16

Left Out: 0.019+/-0.000 χ^2/NDF : 326732.3/9

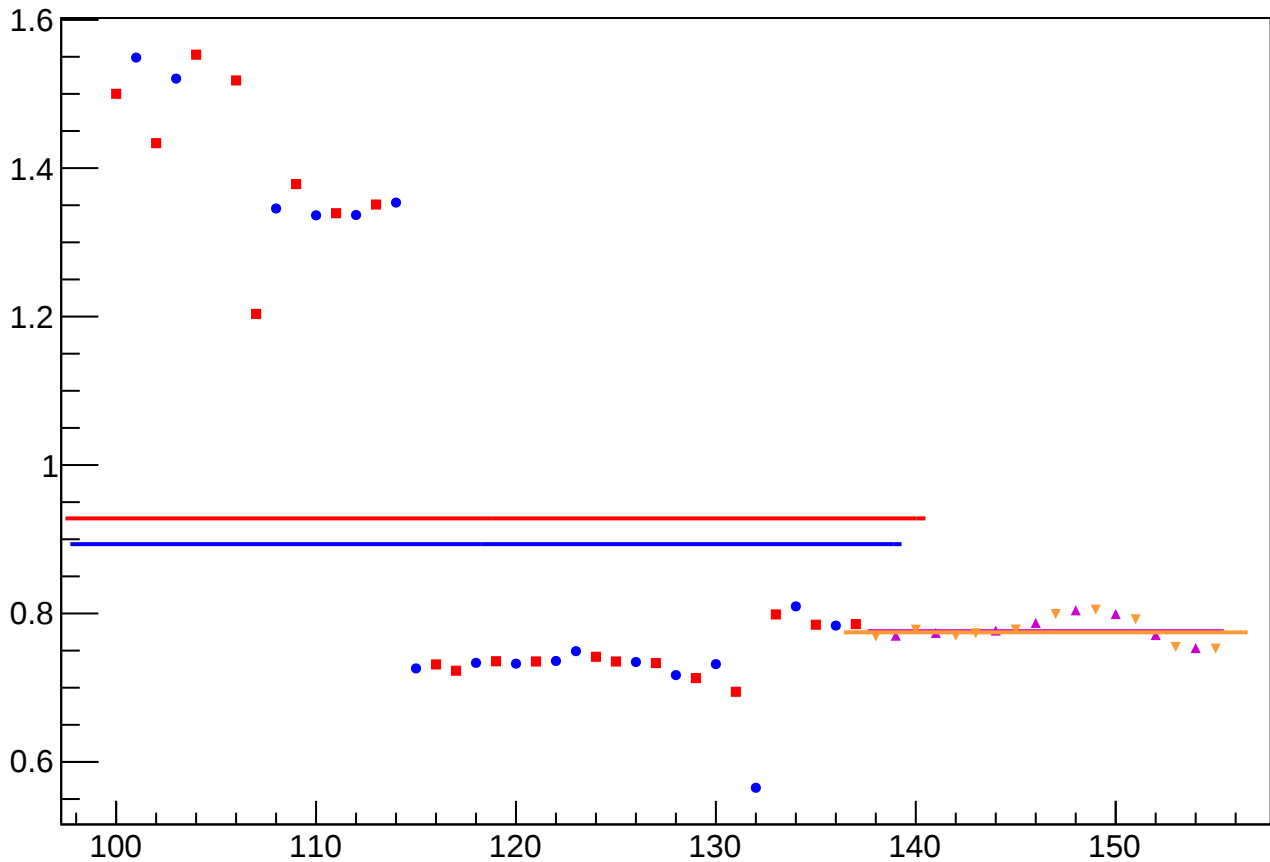
Right Out: 0.023+/-0.000 χ^2/NDF : 1164870.4/19

Left In: 0.020+/-0.000 χ^2/NDF : 472955.0/7

0.020+/-0.000 χ^2/NDF : 1384212.7/26

0.021+/-0.000 χ^2/NDF : 1728723.7/27

yield_bpm4acY_mean vs Slug



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.775+/-0.000 χ^2/NDF : 11016201.1/9

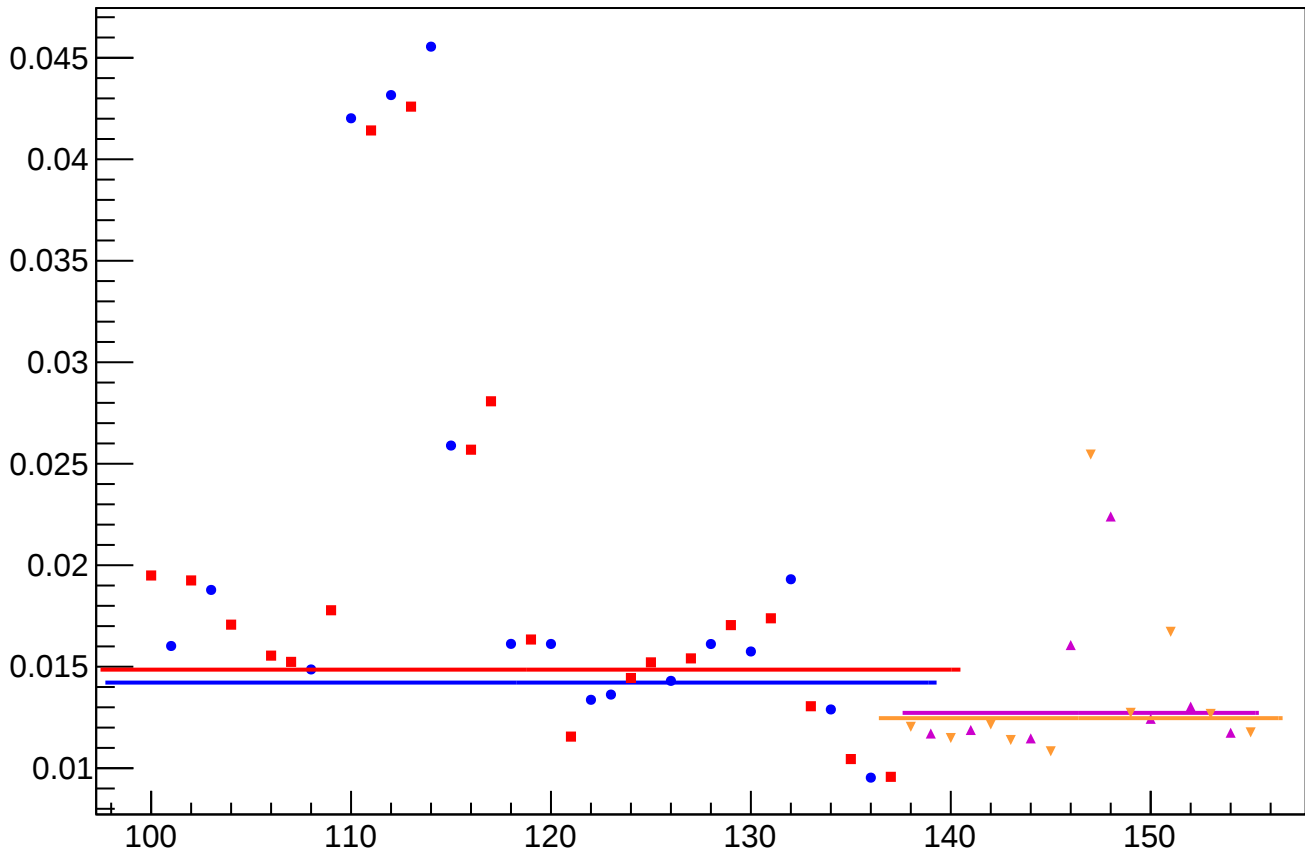
0.821+/-0.000 χ^2/NDF : 2658062421.2/26

Right Out: 0.928+/-0.000 χ^2/NDF : 2437683008.7/19

0.840+/-0.000 χ^2/NDF : 2811854943.0/27

Left In: 0.776+/-0.000 χ^2/NDF : 8007851.1/7

yield_bpm4acY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1409594.2/16

Left Out: 0.012+/-0.000 χ^2/NDF : 544066.1/9

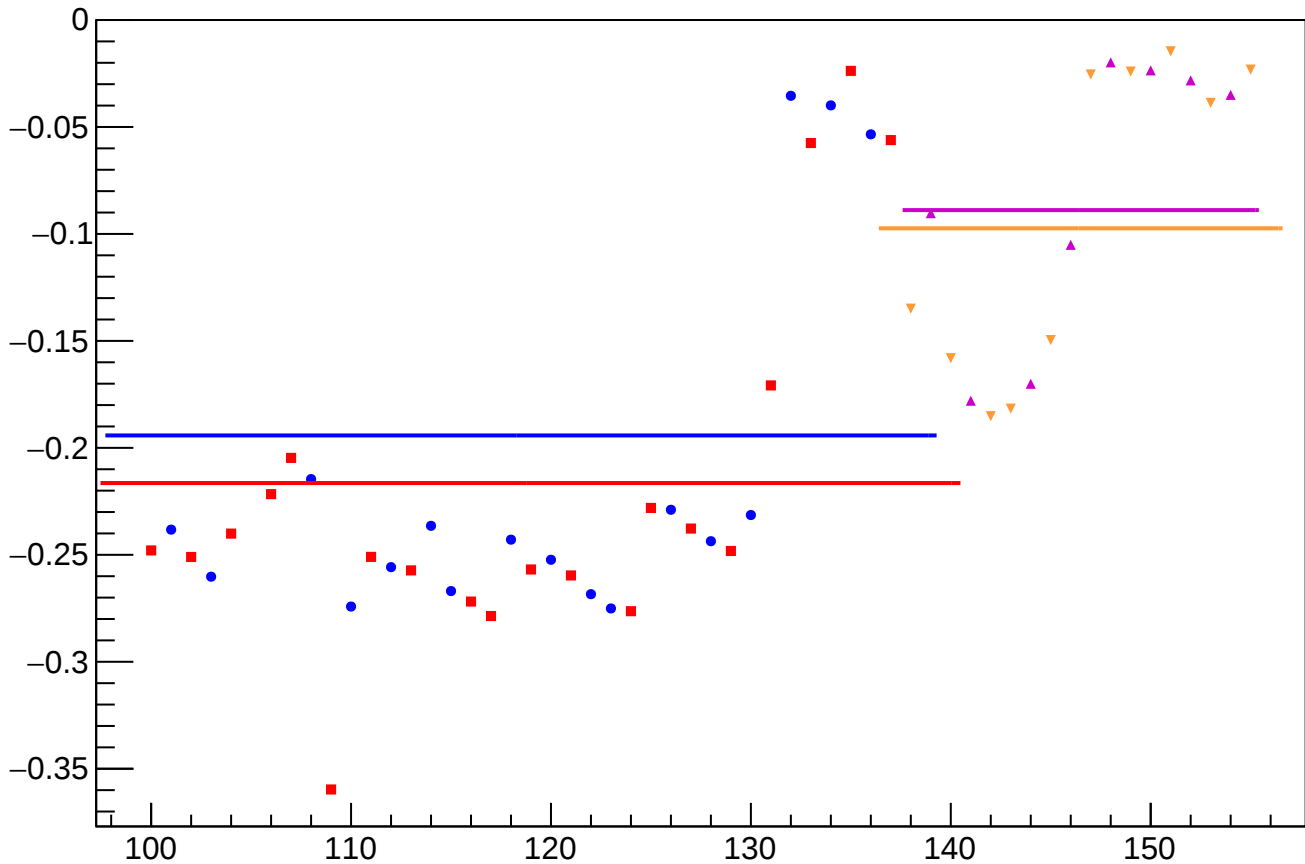
0.013+/-0.000 χ^2/NDF : 2057665.7/26

Right Out: 0.015+/-0.000 χ^2/NDF : 1286513.9/19

0.014+/-0.000 χ^2/NDF : 1829002.2/27

Left In: 0.013+/-0.000 χ^2/NDF : 398595.5/7

yield_bpm4ecX_mean vs Slug



Right In: -0.194 ± 0.000 χ^2/NDF : 108425823.4/16

Left Out: -0.097 ± 0.000 χ^2/NDF : 76603105.7/9

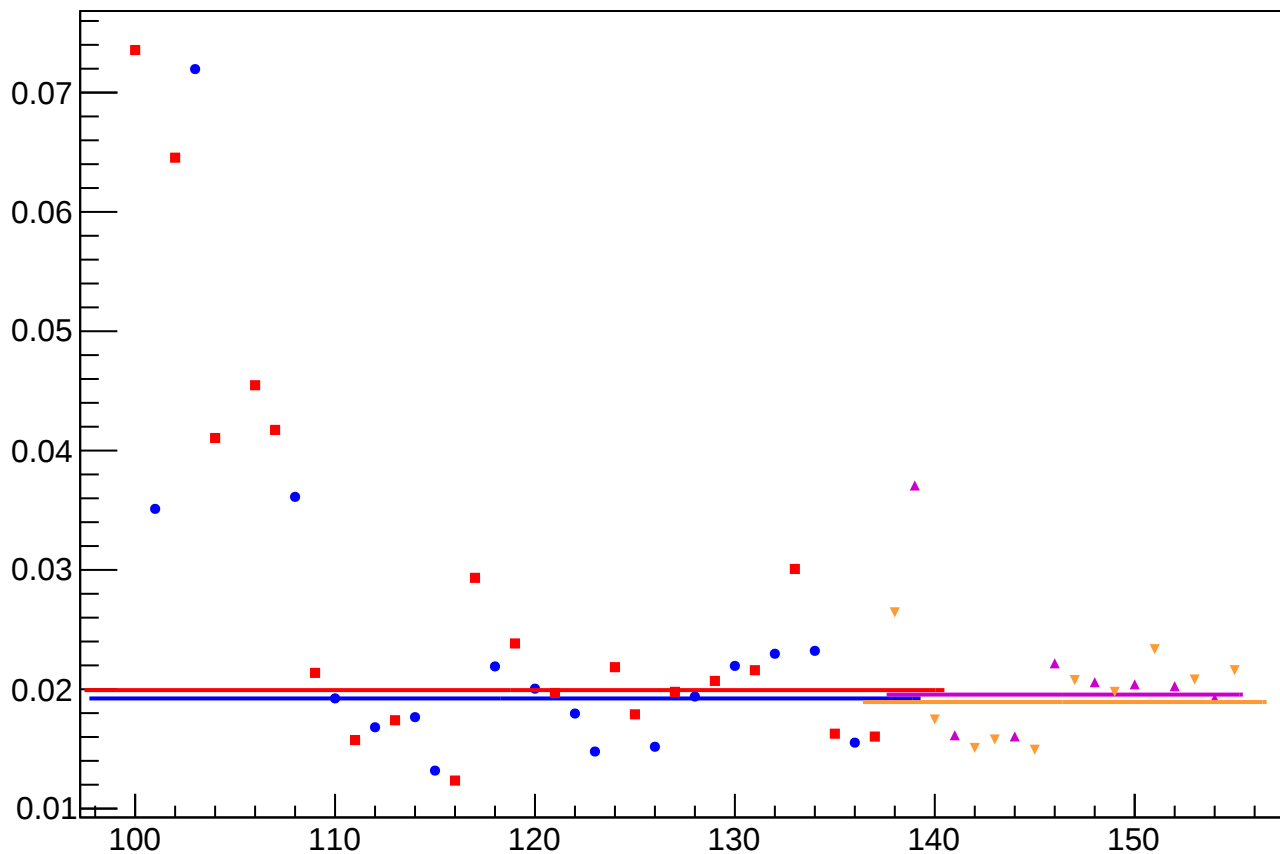
Right Out: -0.216 ± 0.000 χ^2/NDF : 111217219.2/19

Left In: -0.089 ± 0.000 χ^2/NDF : 60843706.3/7

-0.142 ± 0.000 χ^2/NDF : 252780935.8/26

-0.152 ± 0.000 χ^2/NDF : 279924281.9/27

yield_bpm4ecX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1174577.3/16

Left Out: 0.019+/-0.000 χ^2/NDF : 350808.8/9

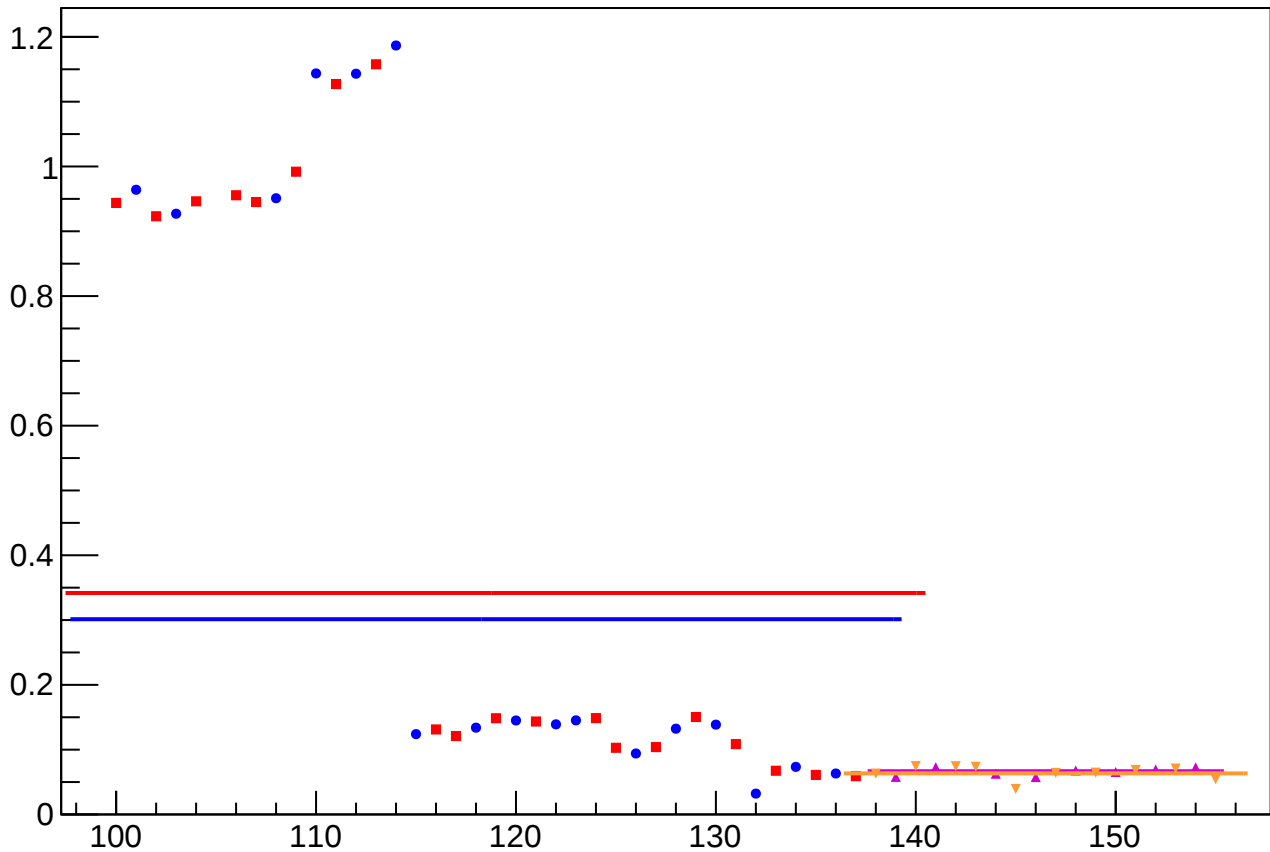
Right Out: 0.020+/-0.000 χ^2/NDF : 1452730.4/19

Left In: 0.020+/-0.000 χ^2/NDF : 459997.8/7

0.019+/-0.000 χ^2/NDF : 1526681.3/26

0.020+/-0.000 χ^2/NDF : 1914601.8/27

yield_bpm4ecY_mean vs Slug



Right In: 0.301+/-0.000 χ^2/NDF : 5154791073.8/16

Left Out: 0.063+/-0.000 χ^2/NDF : 7436720.5/9

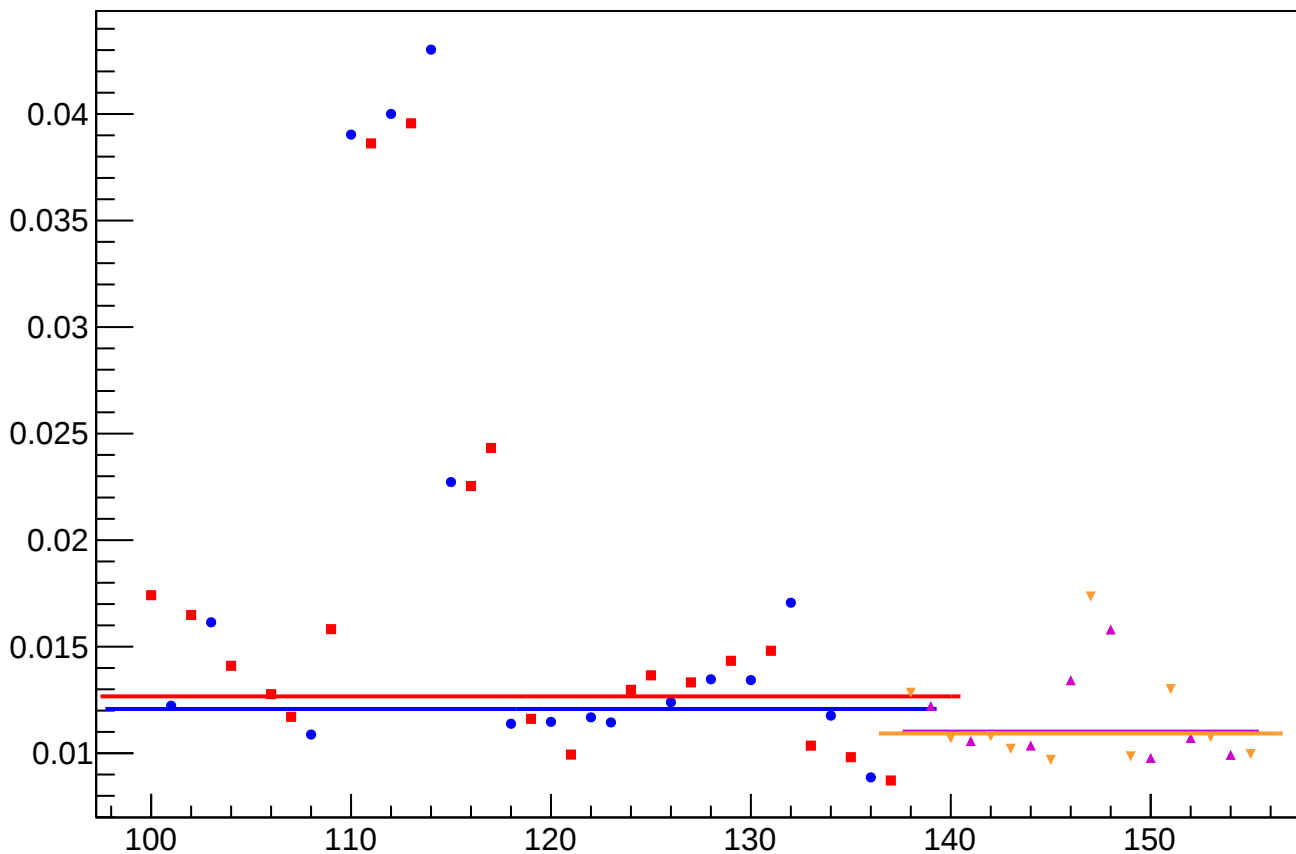
0.159+/-0.000 χ^2/NDF : 6466230051.4/26

Right Out: 0.342+/-0.000 χ^2/NDF : 5445885893.4/19

0.182+/-0.000 χ^2/NDF : 7068625719.4/27

Left In: 0.067+/-0.000 χ^2/NDF : 1455569.3/7

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:338910.1/9

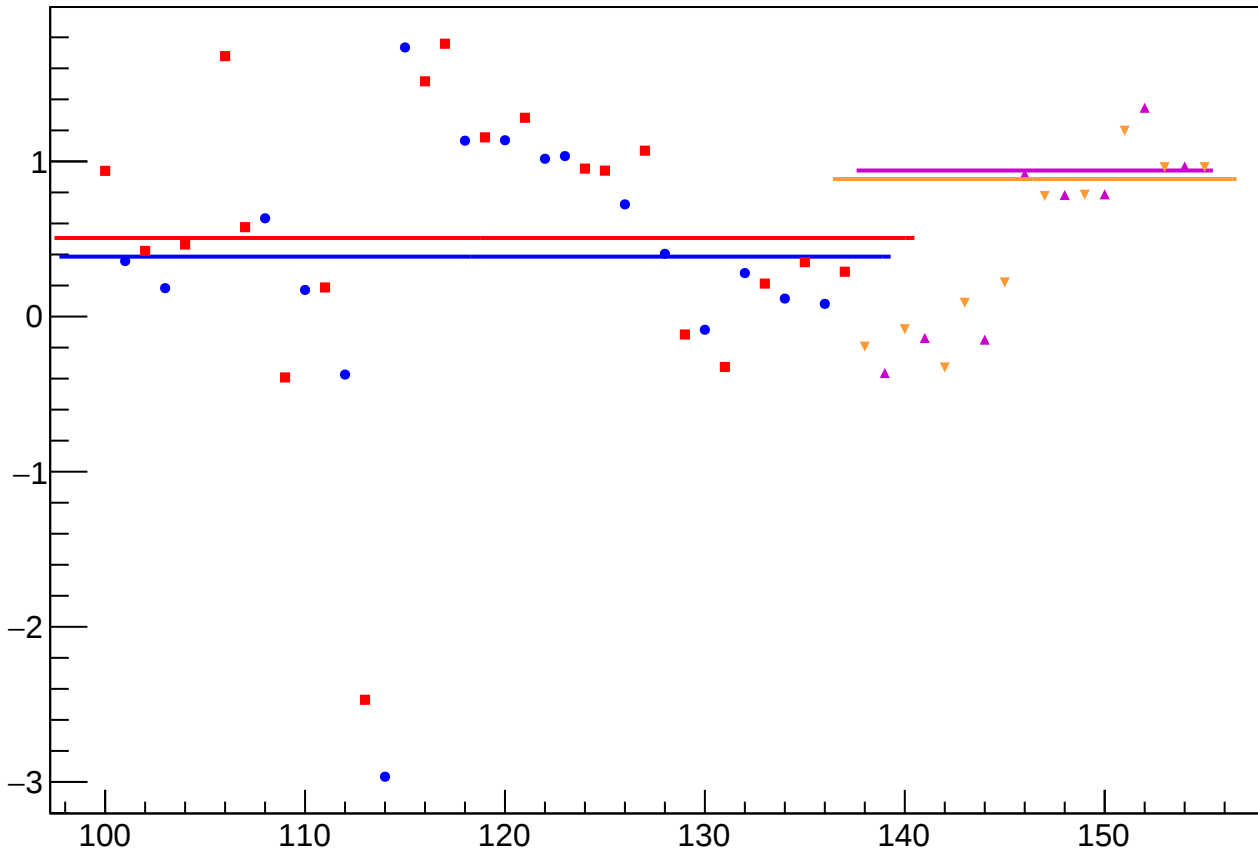
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1253755.7/19

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:261687.3/7

0.011 $\pm$ 0.000 χ^2 /NDF: 1680133.8/26

0.012 $\pm$ 0.000 χ^2 /NDF: 1632465.8/27

yield_bpm1X_mean vs Slug



Right In: 0.386+/-0.000 χ^2/NDF : 246380221.7/16

Left Out: 0.886+/-0.000 χ^2/NDF : 685161322.5/9

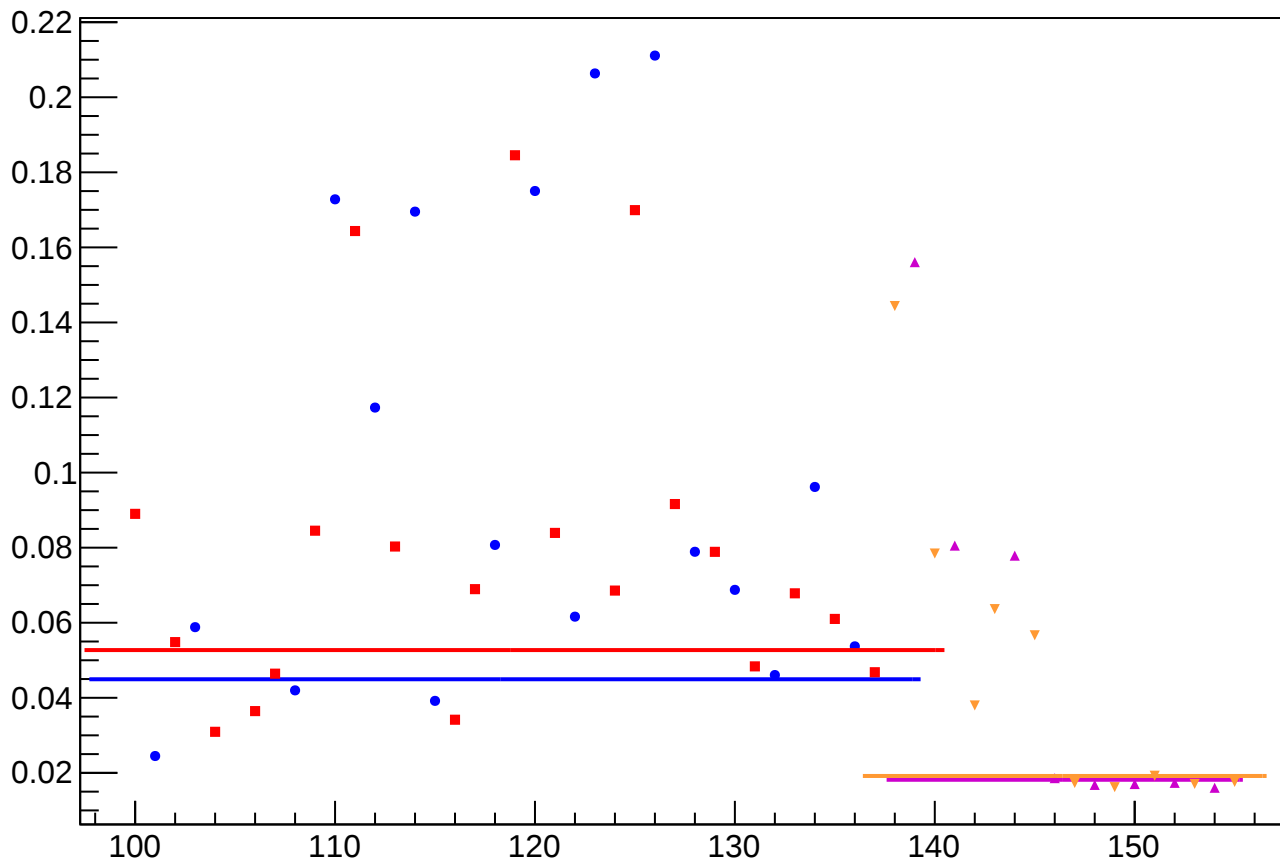
Right Out: 0.507+/-0.000 χ^2/NDF : 995373603.6/19

Left In: 0.941+/-0.000 χ^2/NDF : 747575363.6/7

0.823+/-0.000 χ^2/NDF : 1313187506.1/26

0.894+/-0.000 χ^2/NDF : 1995105200.9/27

yield_bpm1X_rms vs Slug



Right In: 0.045+/-0.000 χ^2/NDF : 2788348.6/16

Left Out: 0.019+/-0.000 χ^2/NDF : 2530899.6/9

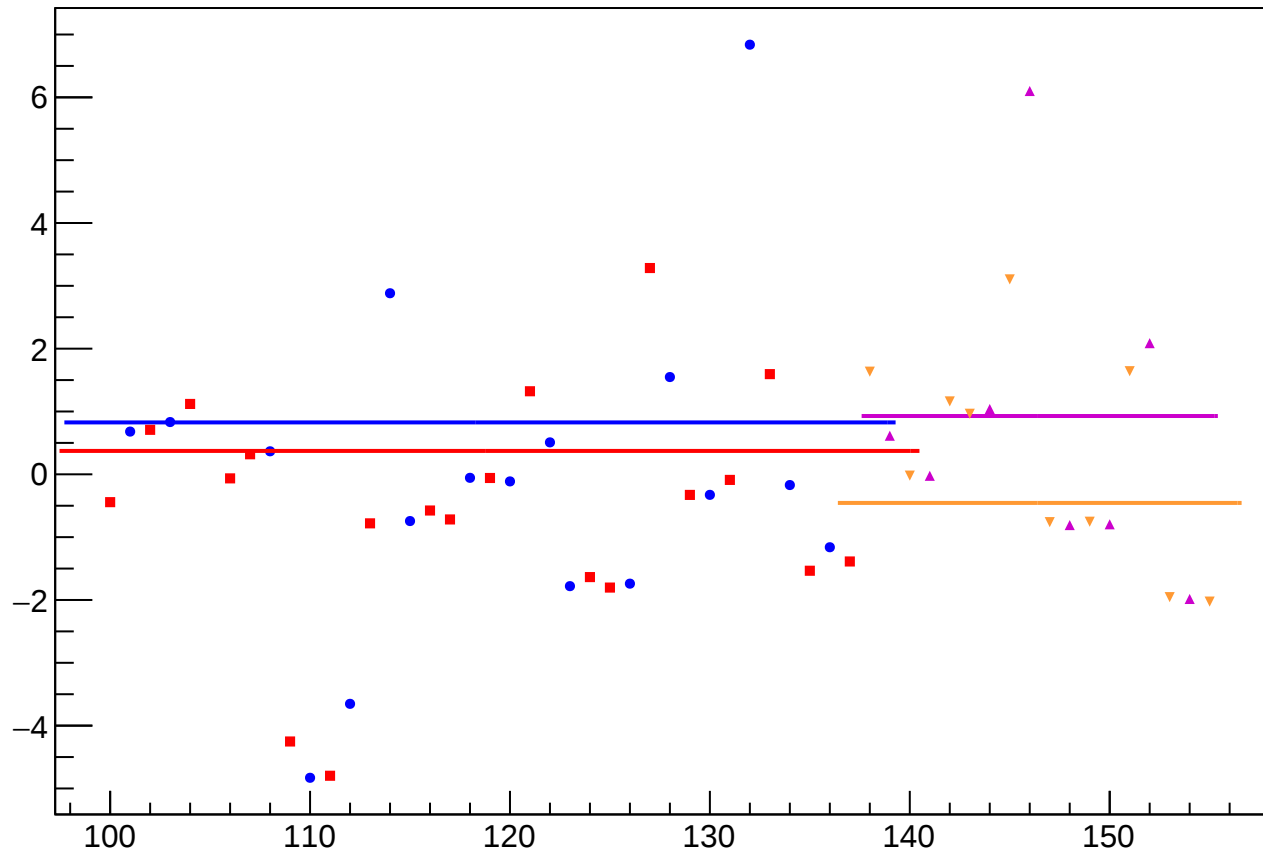
Right Out: 0.053+/-0.000 χ^2/NDF : 2195781.8/19

Left In: 0.018+/-0.000 χ^2/NDF : 2235850.7/7

0.022+/-0.000 χ^2/NDF : 7346369.3/26

0.022+/-0.000 χ^2/NDF : 7616459.6/27

yield_bpm1Y_mean vs Slug



Right In: 0.826 ± 0.000 χ^2/NDF : 10945455664.9/16

Left Out: -0.455 ± 0.000 χ^2/NDF : 65761362839.0/9

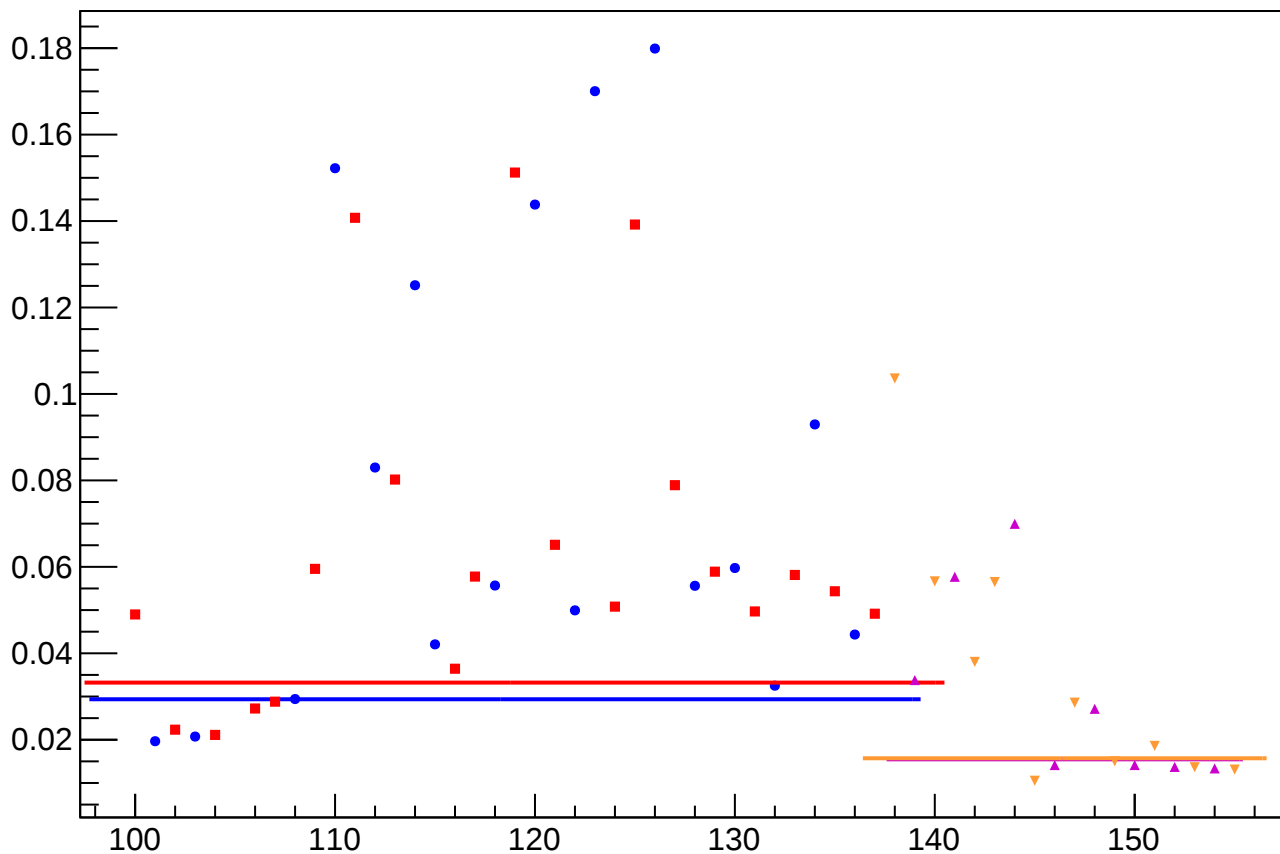
Right Out: 0.372 ± 0.000 χ^2/NDF : 4960201861.0/19

Left In: 0.928 ± 0.000 χ^2/NDF : 153661871075.1/7

-0.230 ± 0.000 χ^2/NDF : 82030573636.1/26

0.838 ± 0.000 χ^2/NDF : 159528597223.1/27

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 2987169.5/16

Left Out: 0.016+/-0.000 χ^2/NDF :2518399.6/9

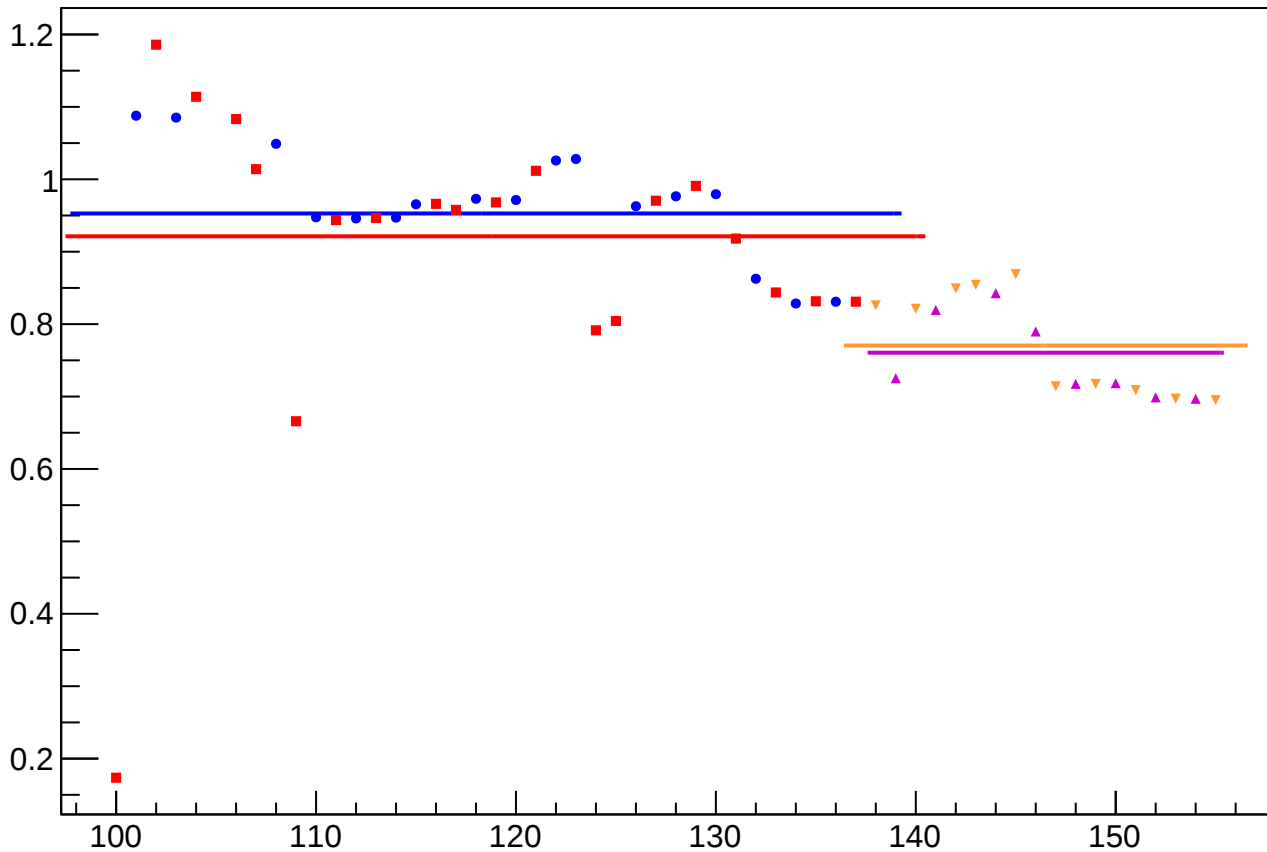
Right Out: 0.033+/-0.000 χ^2/NDF : 3112299.1/19

Left In: 0.015+/-0.000 χ^2/NDF :1668416.0/7

0.018+/-0.000 χ^2/NDF : 6714279.9/26

0.018+/-0.000 χ^2/NDF : 6631241.9/27

yield_bpm11X_mean vs Slug



Right In: 0.953+/-0.000 χ^2/NDF : 175750243.6/16

Left Out: 0.770+/-0.000 χ^2/NDF :190505762.4/9

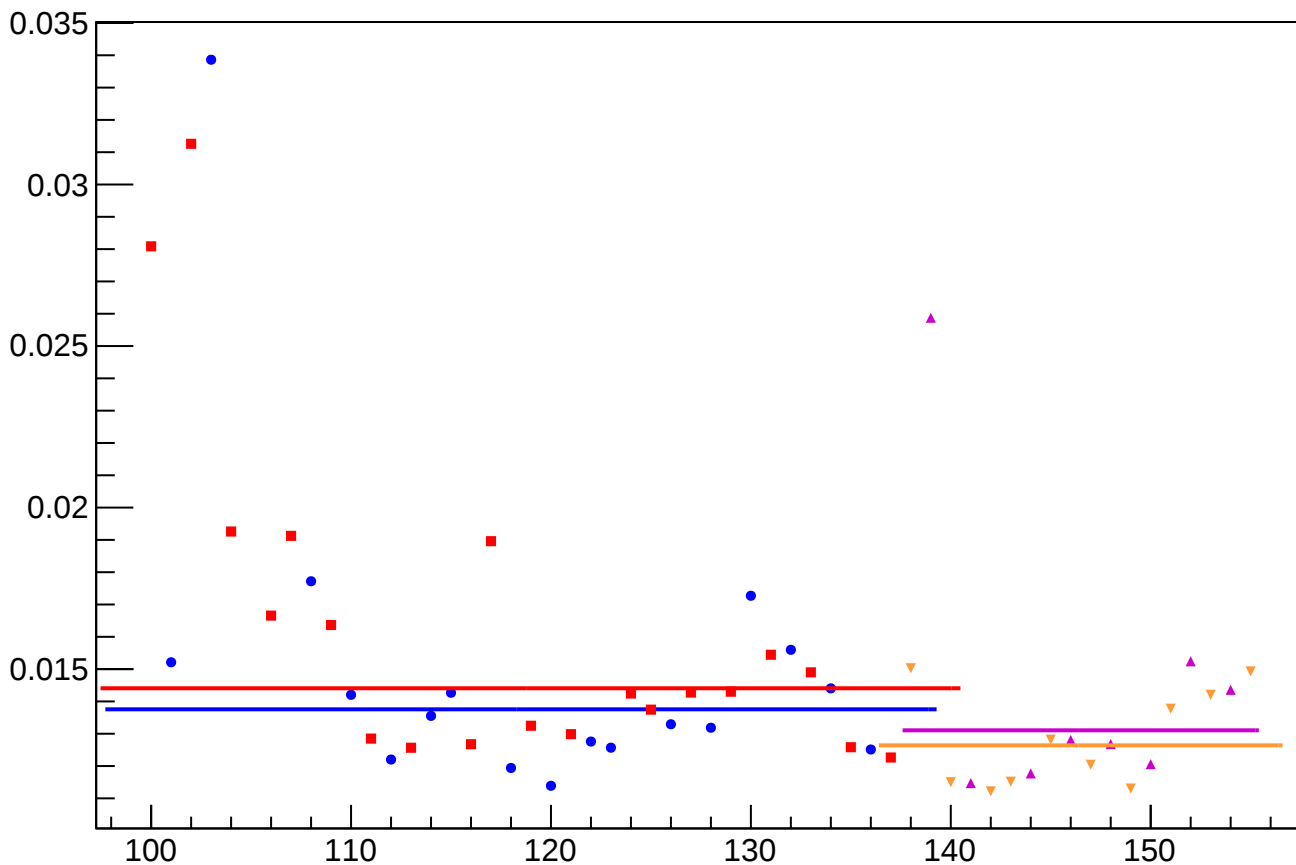
Right Out: 0.921+/-0.000 χ^2/NDF : 374306248.8/19

Left In: 0.761+/-0.000 χ^2/NDF :106701214.8/7

0.850+/-0.000 χ^2/NDF : 939239146.0/26

0.836+/-0.000 χ^2/NDF : 885104867.7/27

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 538469.4/16

Left Out: 0.013+/-0.000 χ^2/NDF :150659.8/9

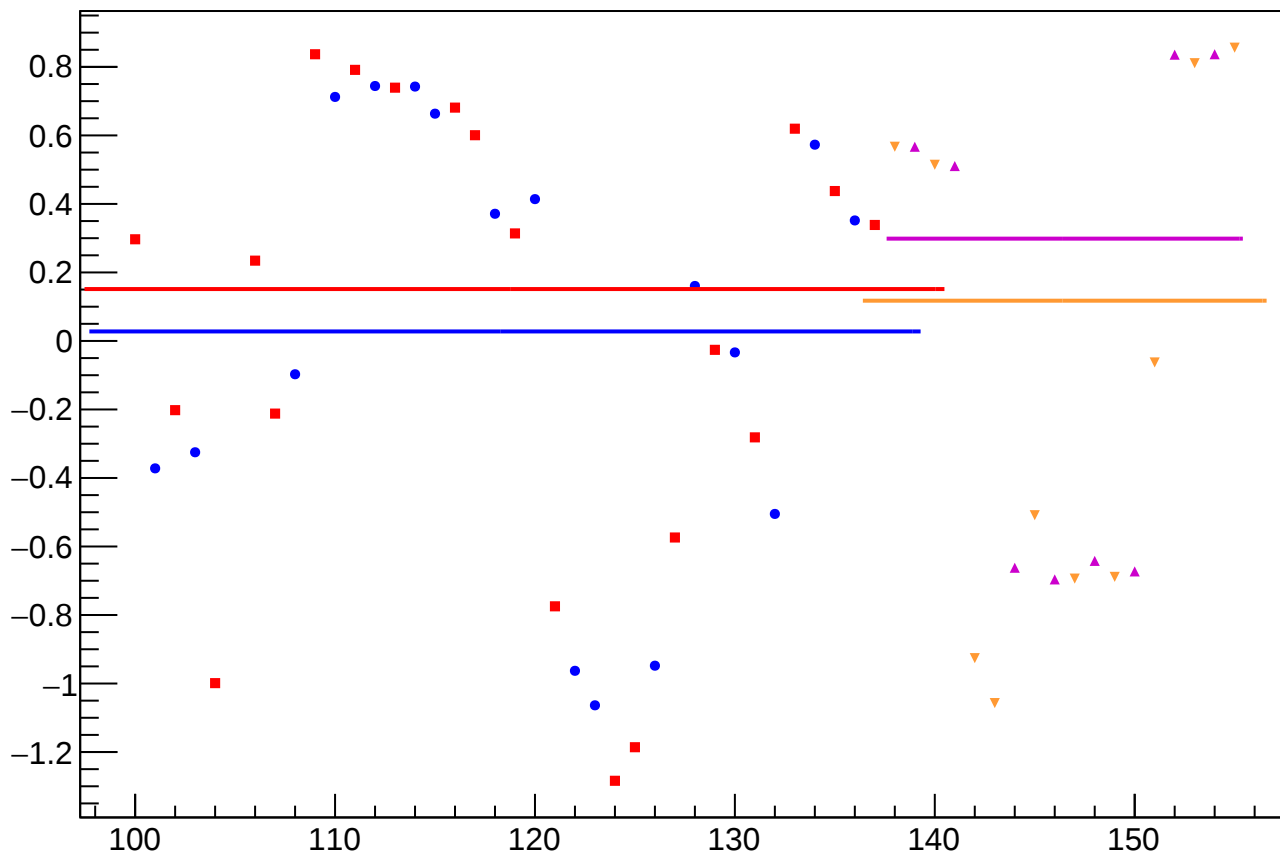
Right Out: 0.014+/-0.000 χ^2/NDF : 508622.9/19

Left In: 0.013+/-0.000 χ^2/NDF :445294.3/7

0.013+/-0.000 χ^2/NDF : 731979.3/26

0.014+/-0.000 χ^2/NDF : 1006930.9/27

yield_bpm11Y_mean vs Slug



Right In: 0.028 $\pm$ 0.000 χ^2/NDF : 6276955529.7/16

Left Out: 0.118 $\pm$ 0.000 χ^2/NDF : 21436974451.5/9

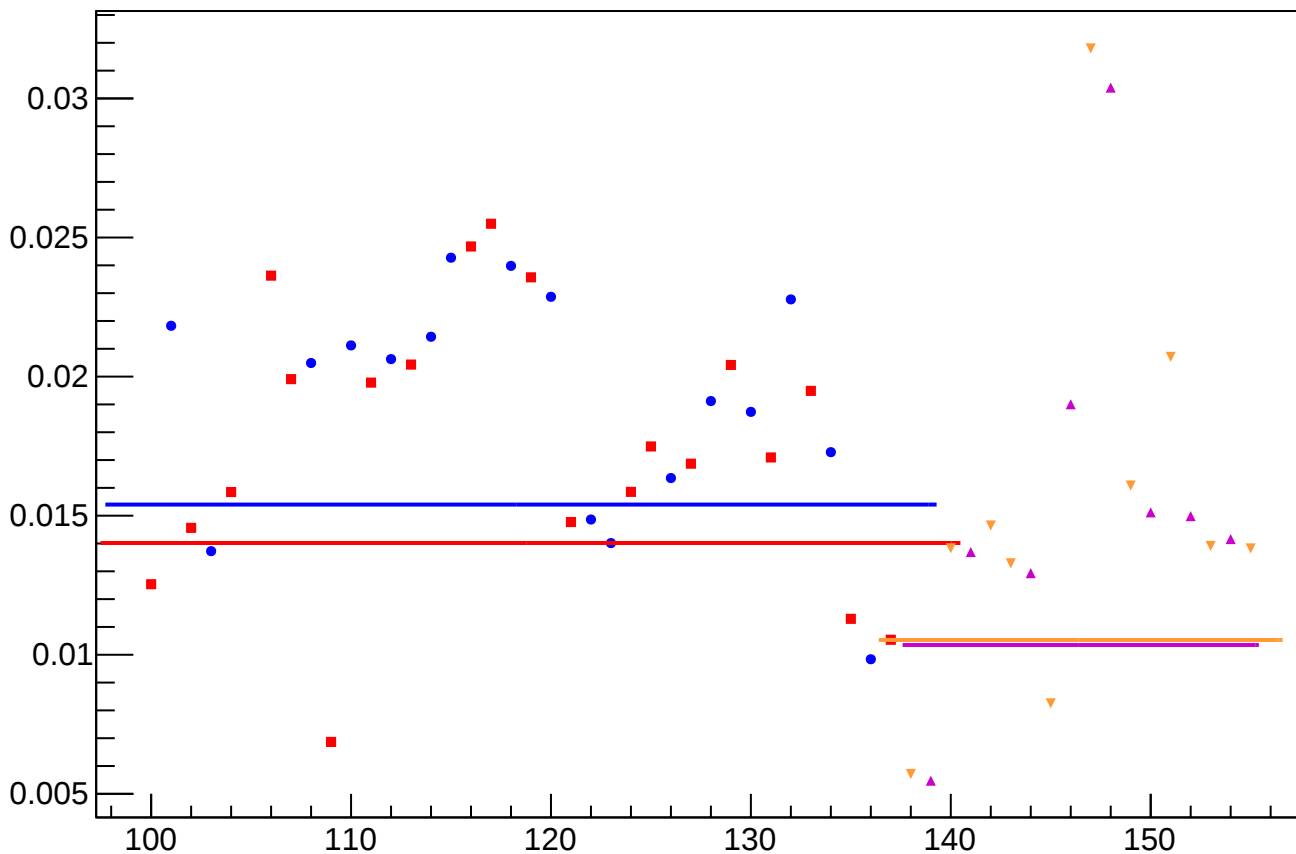
Right Out: 0.152 $\pm$ 0.000 χ^2/NDF : 12665480117.0/19

Left In: 0.299 $\pm$ 0.000 χ^2/NDF : 14770440695.0/7

0.089 $\pm$ 0.000 χ^2/NDF : 27843029589.2/26

0.242 $\pm$ 0.000 χ^2/NDF : 27817459064.6/27

yield_bpm11Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1141655.8/16

Left Out: 0.011+/-0.000 χ^2/NDF : 2513115.2/9

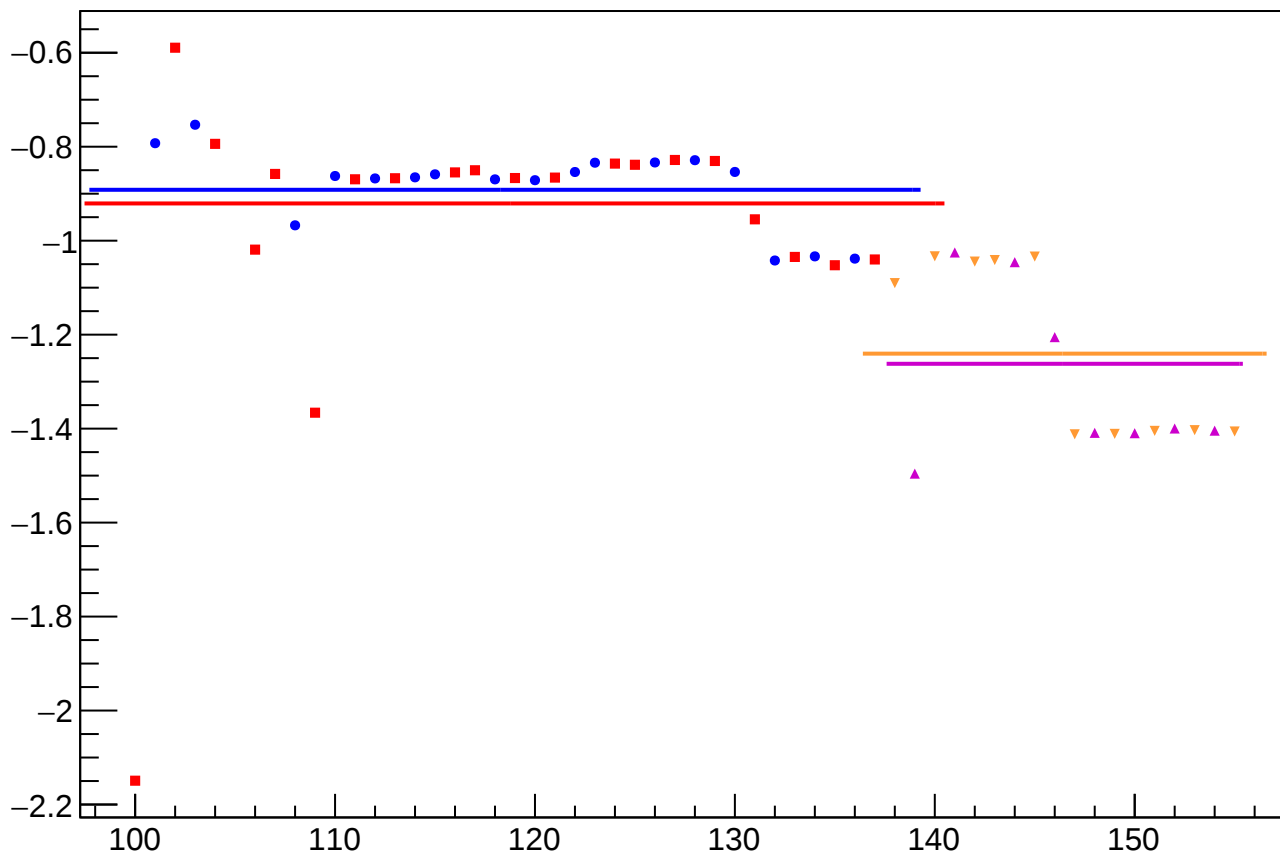
Right Out: 0.014+/-0.000 χ^2/NDF : 1576882.7/19

Left In: 0.010+/-0.000 χ^2/NDF : 2628210.4/7

0.012+/-0.000 χ^2/NDF : 4414080.8/26

0.012+/-0.000 χ^2/NDF : 4678773.6/27

yield_bpm12X_mean vs Slug



Right In: -0.892+/-0.000 χ^2/NDF : 39793337.2/16

Left Out: -1.240+/-0.000 χ^2/NDF : 200278453.4/9

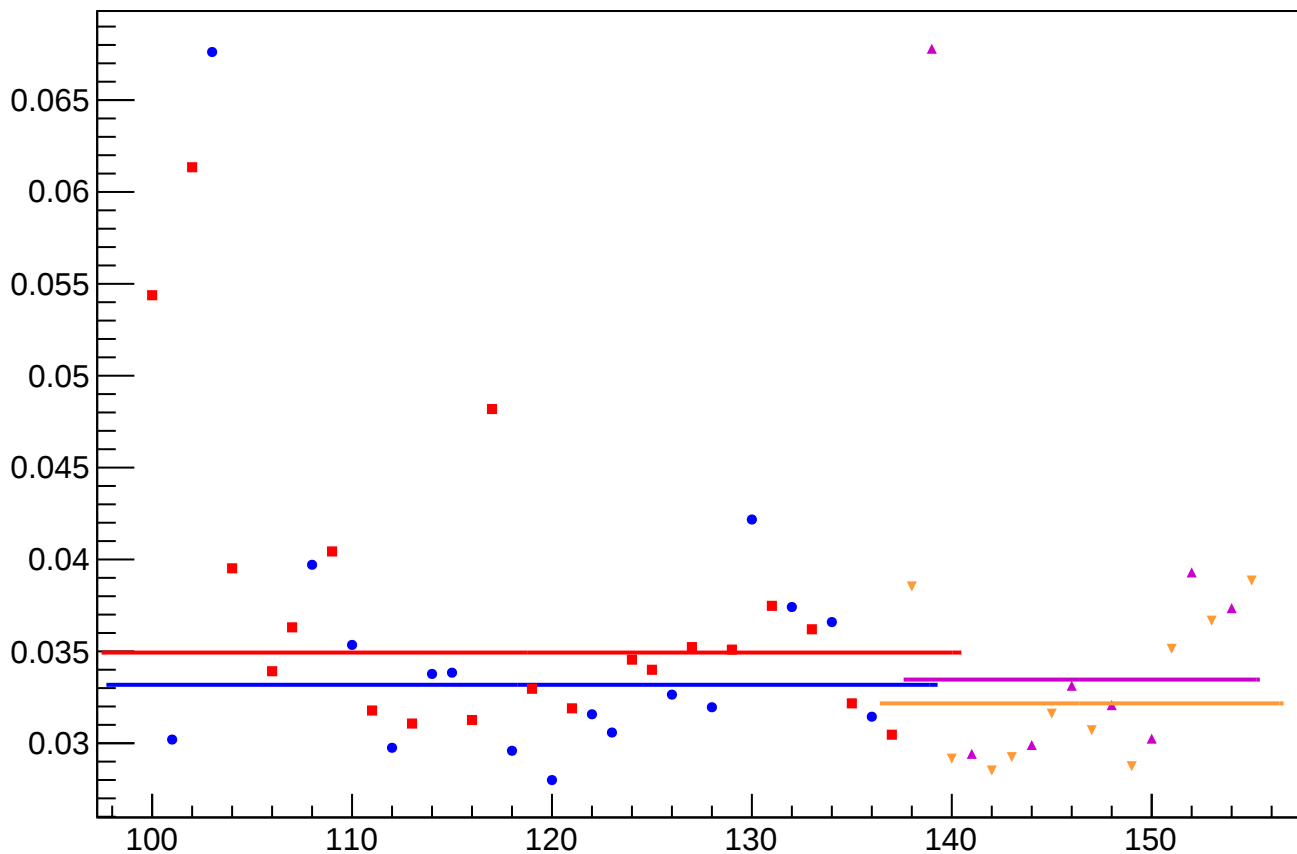
Right Out: -0.921+/-0.000 χ^2/NDF : 131248005.3/19

Left In: -1.262+/-0.000 χ^2/NDF : 149770124.7/7

-1.078+/-0.000 χ^2/NDF : 583695666.3/26

-1.092+/-0.000 χ^2/NDF : 576656780.5/27

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 400106.0/16

Left Out: 0.032+/-0.000 χ^2/NDF :167987.4/9

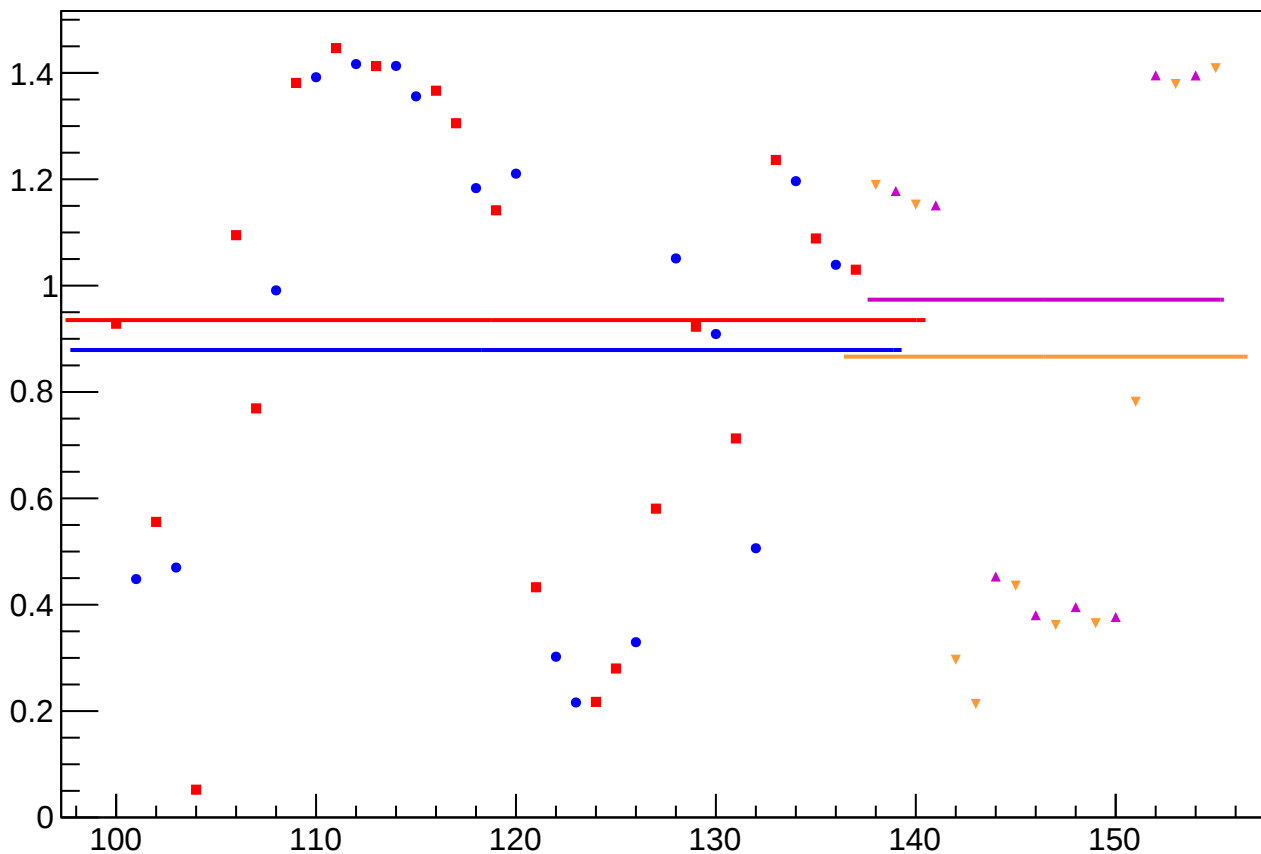
Right Out: 0.035+/-0.000 χ^2/NDF : 281256.5/19

Left In: 0.033+/-0.000 χ^2/NDF :477466.9/7

0.033+/-0.000 χ^2/NDF : 573883.8/26

0.034+/-0.000 χ^2/NDF : 769705.9/27

yield_bpm12Y_mean vs Slug



Right In: 0.879+/-0.000 χ^2/NDF : 6371602566.2/16

Left Out: 0.866+/-0.000 χ^2/NDF :17850340471.1/9

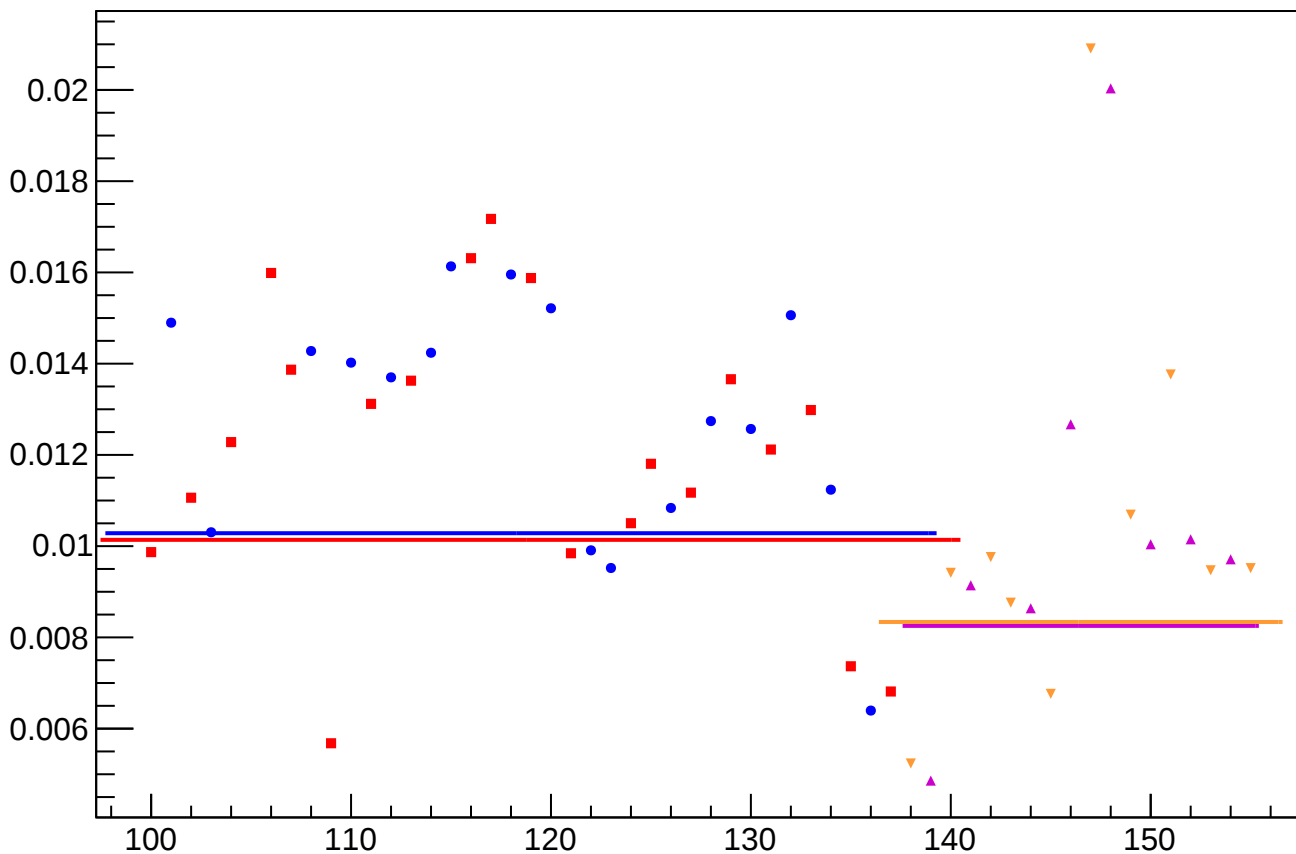
Right Out: 0.935+/-0.000 χ^2/NDF : 9844960466.1/19

Left In: 0.974+/-0.000 χ^2/NDF :12668479044.0/7

0.871+/-0.000 χ^2/NDF : 24227086483.9/26

0.958+/-0.000 χ^2/NDF : 22562708477.3/27

yield_bpm12Y_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 1207460.1/16

Left Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 1459372.5/9

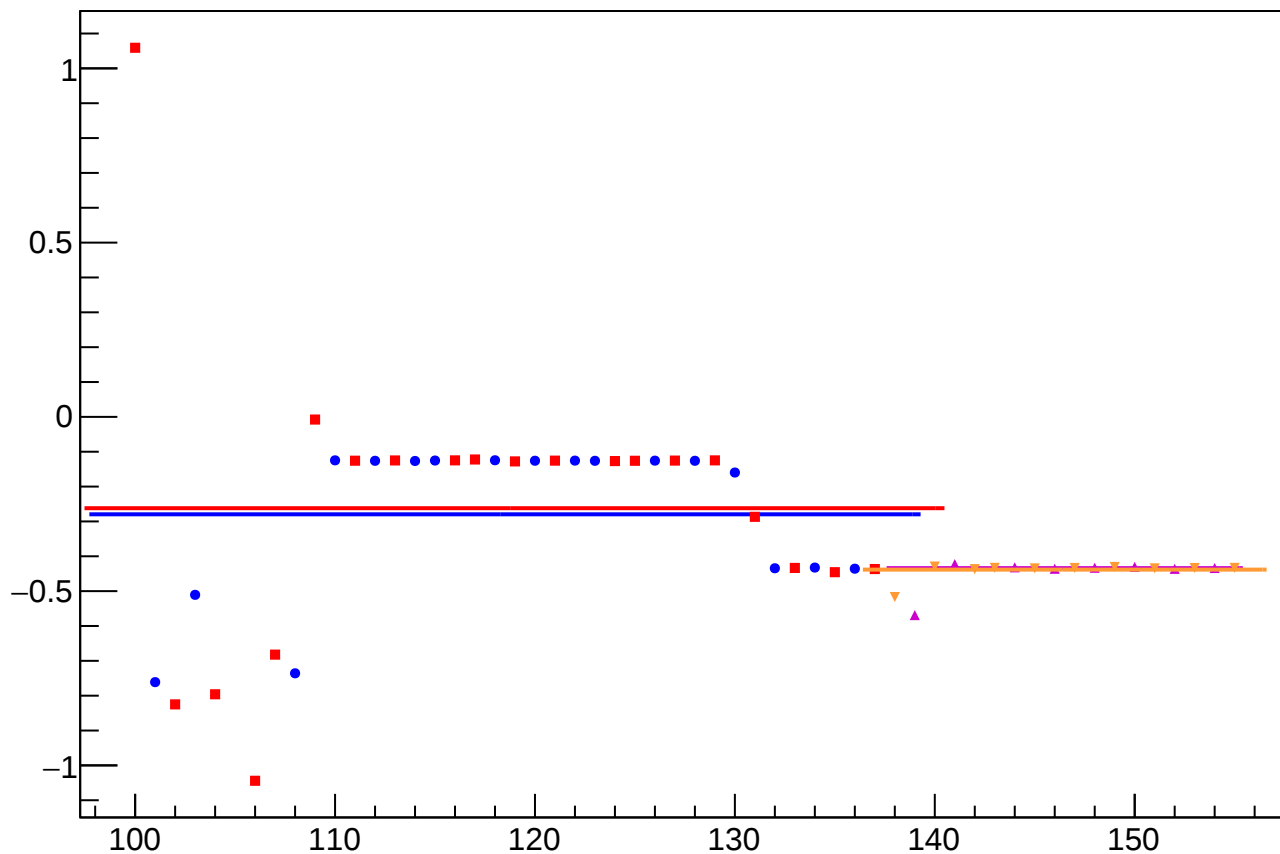
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 1189529.0/19

Left In: 0.008 $\pm$ 0.000 χ^2 /NDF: 1525671.8/7

0.009 $\pm$ 0.000 χ^2 /NDF: 2917261.8/26

0.009 $\pm$ 0.000 χ^2 /NDF: 2952832.6/27

yield_bpm16X_mean vs Slug



Right In: -0.280 ± 0.000 χ^2/NDF : 929210245.5/16

Left Out: -0.438 ± 0.000 χ^2/NDF : 24135514.5/9

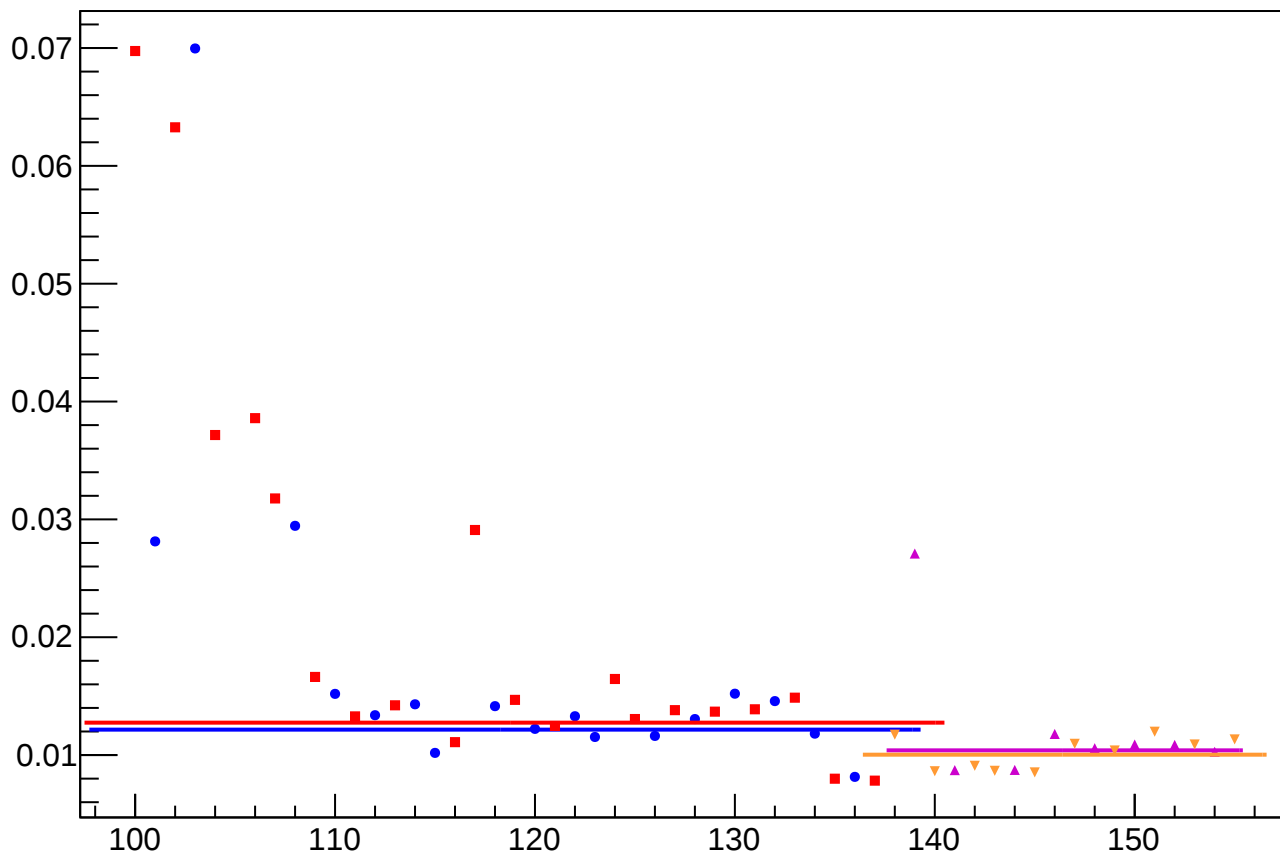
Right Out: -0.262 ± 0.000 χ^2/NDF : 1007161741.8/19

Left In: -0.434 ± 0.000 χ^2/NDF : 18859846.7/7

-0.383 ± 0.000 χ^2/NDF : 1469089436.5/26

-0.368 ± 0.000 χ^2/NDF : 1571793491.2/27

yield_bpm16X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 1722777.4/16

Left Out: 0.010+/-0.000 χ^2/NDF : 195192.4/9

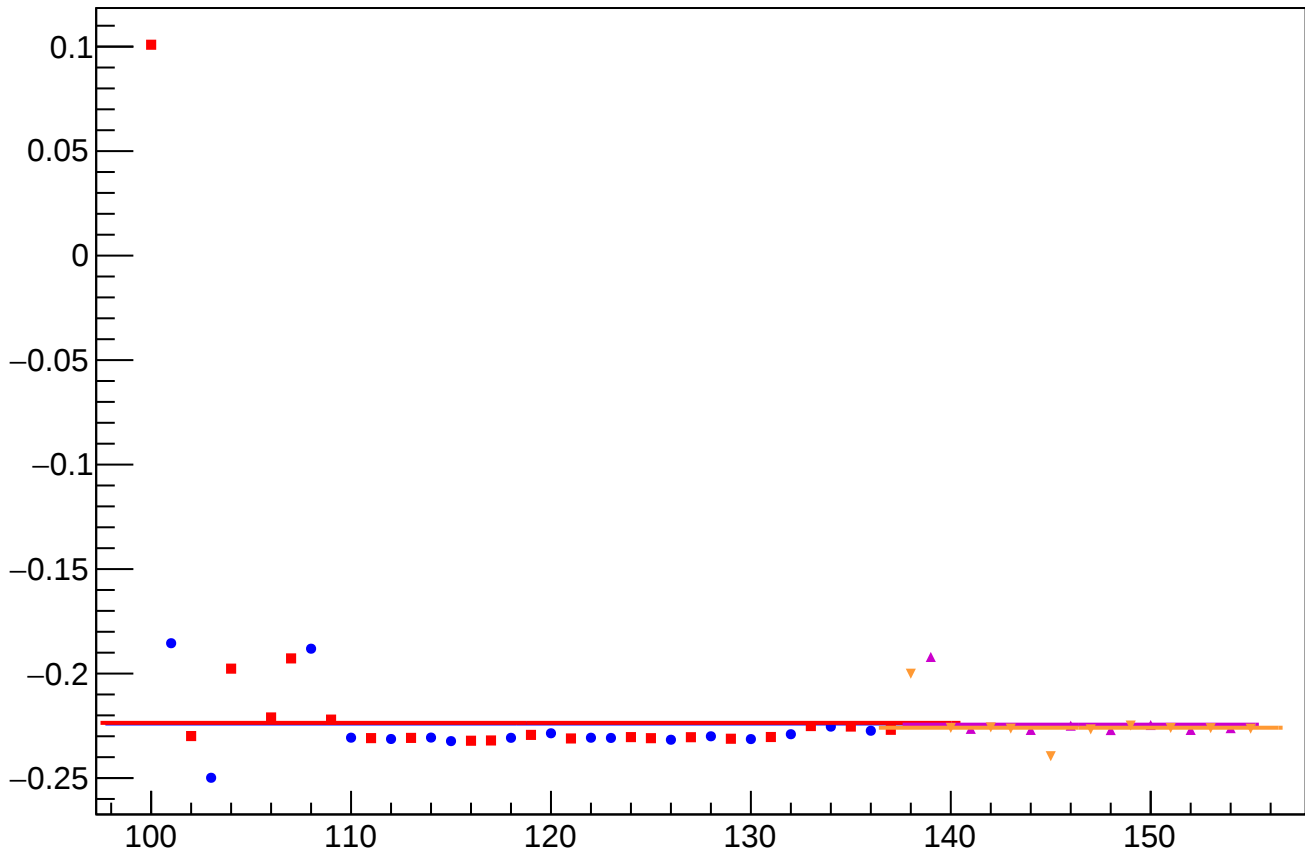
Right Out: 0.013+/-0.000 χ^2/NDF : 1991972.4/19

Left In: 0.010+/-0.000 χ^2/NDF : 659238.9/7

0.011+/-0.000 χ^2/NDF : 2103150.1/26

0.011+/-0.000 χ^2/NDF : 2855149.7/27

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 : 20522935.8/9

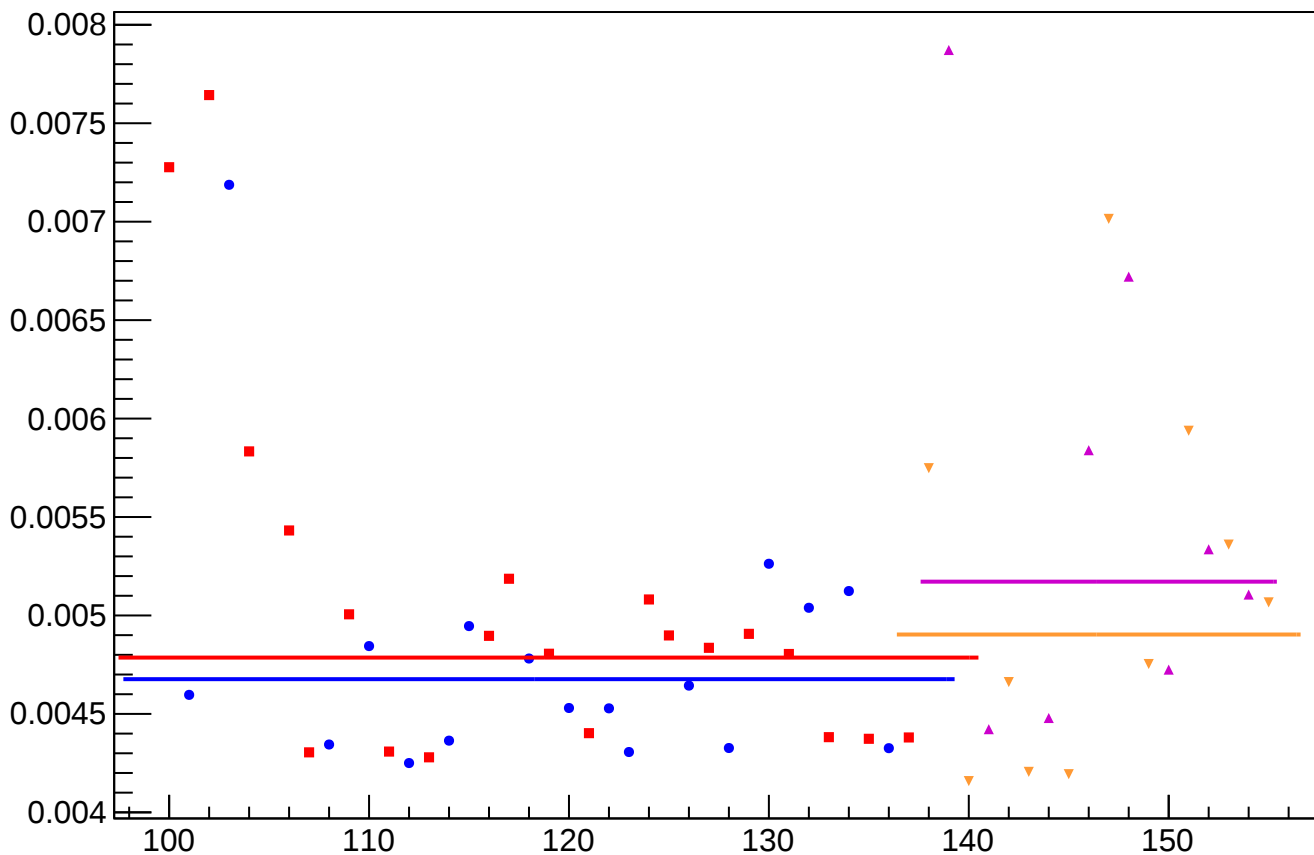
Right Out: -0.224+/-0.000 χ^2/NDF : 168229582.1/19

Left In: -0.224+/-0.000 χ^2/NDF : 12427463.3/7

-0.225+/-0.000 χ^2/NDF : 95691003.5/26

-0.224+/-0.000 χ^2/NDF : 180750035.7/27

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 : 346769.2/9

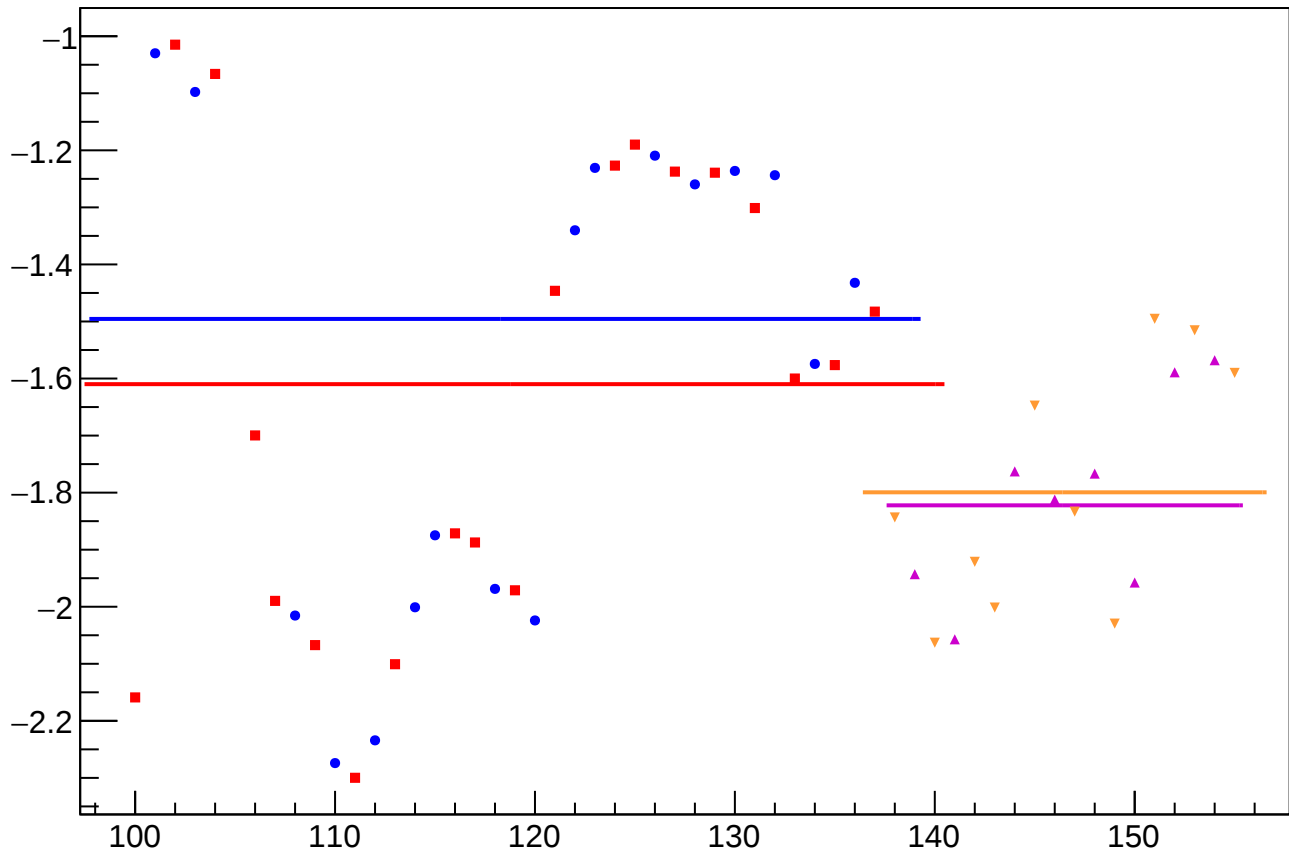
Right Out: 0.005+/-0.000 χ^2/NDF : 248745.3/19

Left In: 0.005+/-0.000 χ^2/NDF : 360242.4/7

0.005+/-0.000 χ^2/NDF : 541743.5/26

0.005+/-0.000 χ^2/NDF : 646077.5/27

yield_bpm0l01X_mean vs Slug



Right In: -1.496+/-0.000 χ^2/NDF : 22506050663.3/16

Left Out: -1.799+/-0.000 χ^2/NDF : 8525137045.1/9

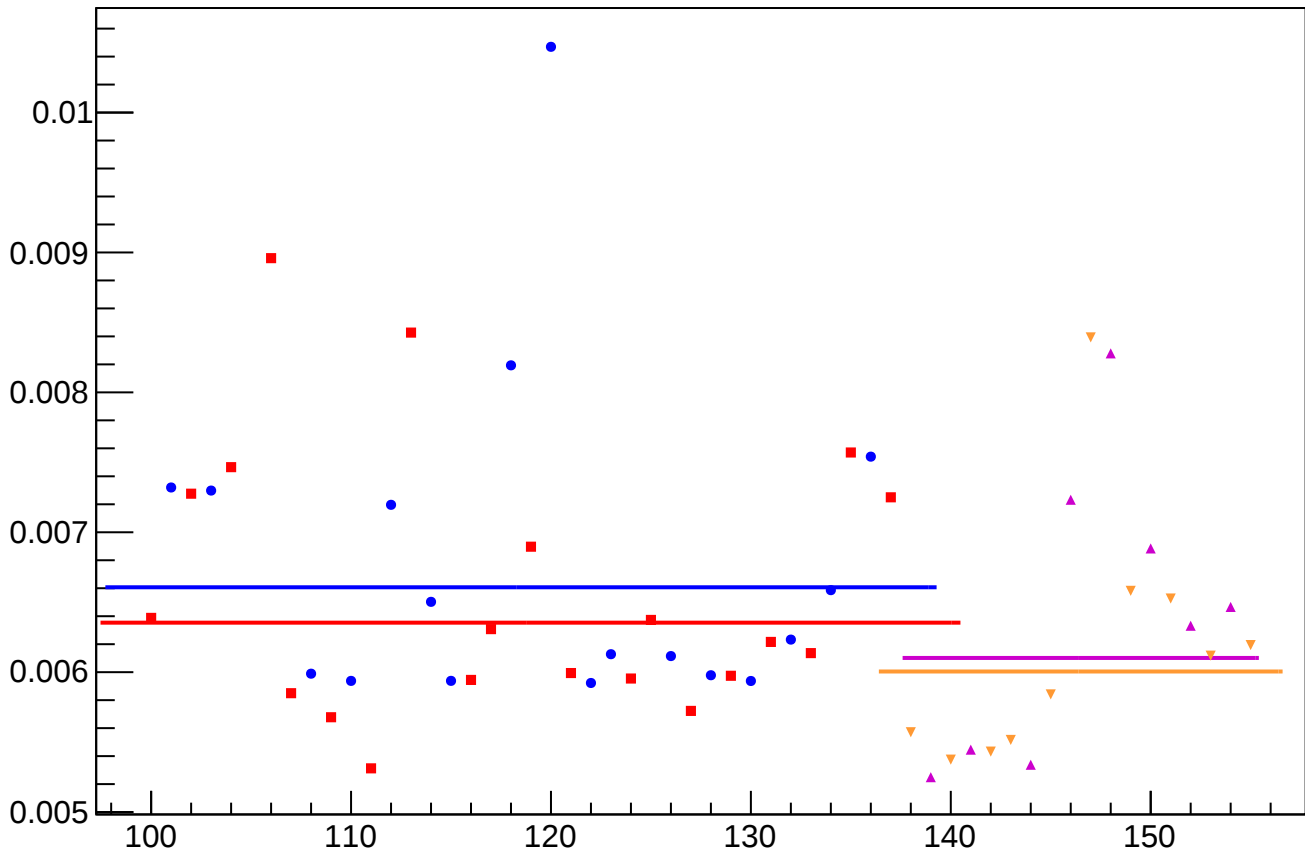
Right Out: -1.610+/-0.000 χ^2/NDF : 27936032778.6/19

Left In: -1.822+/-0.000 χ^2/NDF : 4654564333.0/7

-1.672+/-0.000 χ^2/NDF : 38459571739.1/26

-1.715+/-0.000 χ^2/NDF : 36266660857.2/27

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 201323.2/16

Left Out: 0.006+/-0.000 χ^2/NDF :186261.0/9

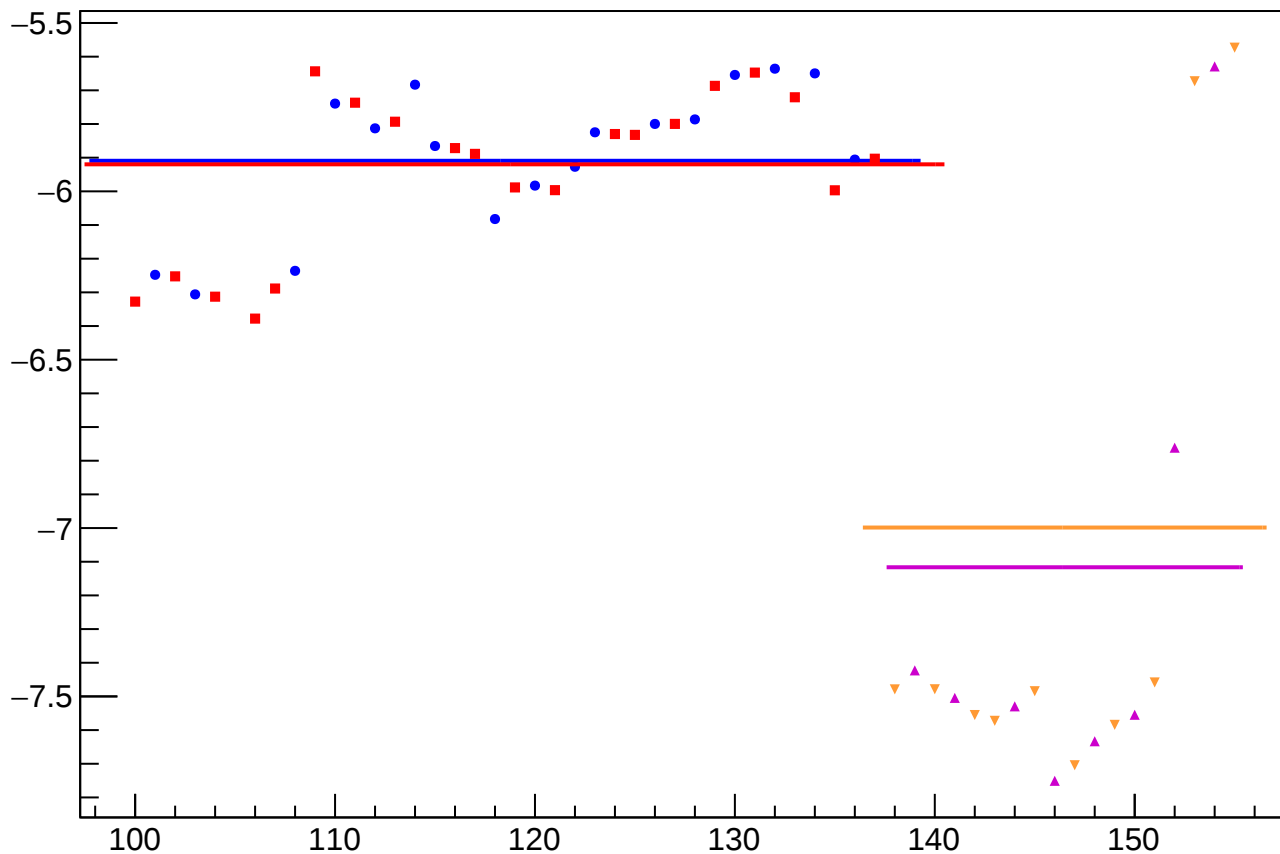
Right Out: 0.006+/-0.000 χ^2/NDF : 227292.5/19

Left In: 0.006+/-0.000 χ^2/NDF :255383.9/7

0.006+/-0.000 χ^2/NDF : 445865.2/26

0.006+/-0.000 χ^2/NDF : 493042.5/27

yield_bpm0l01Y_mean vs Slug



Right In: -5.909+/-0.000 χ^2/NDF : 11125163629.1/16

Left Out: -6.998+/-0.000 χ^2/NDF : 70133851222.0/9

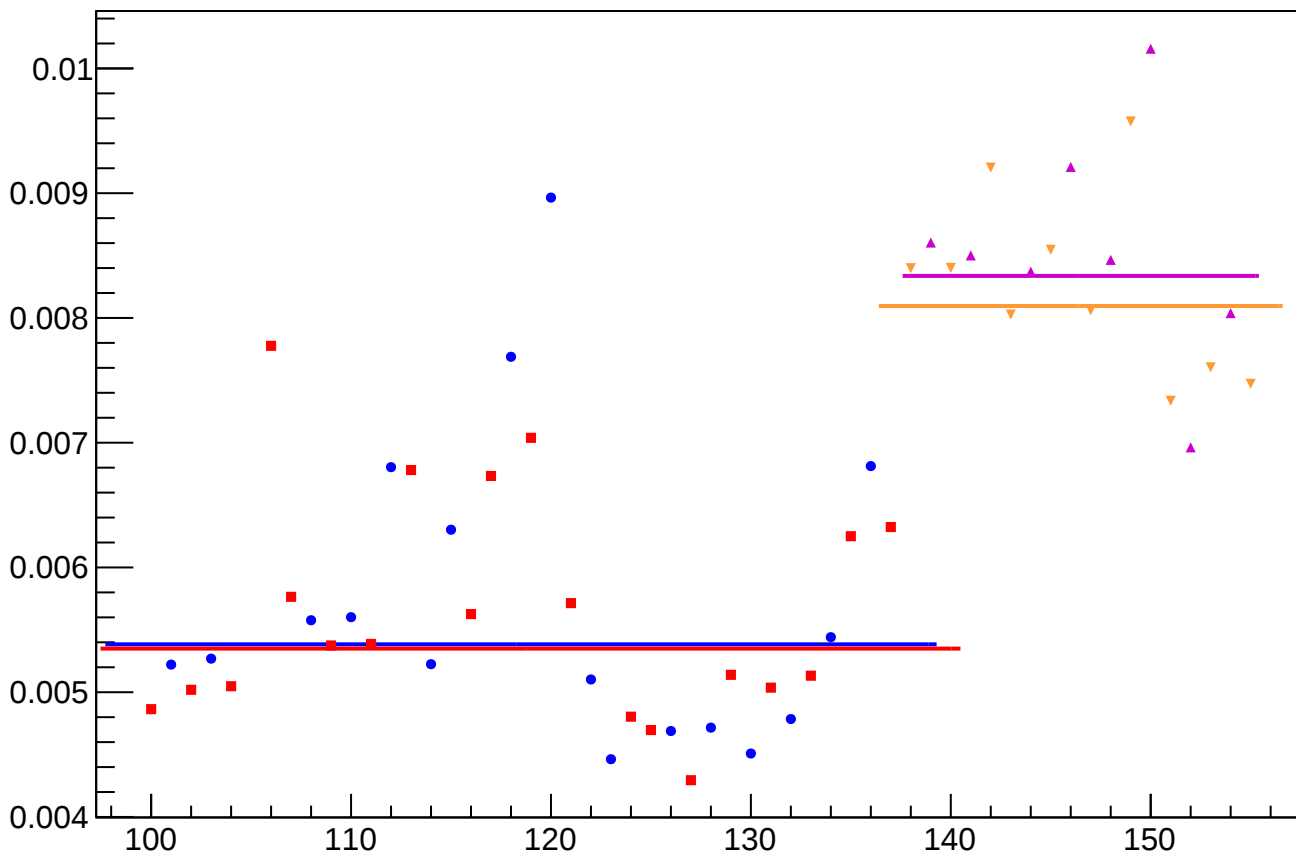
Right Out: -5.920+/-0.000 χ^2/NDF : 12786104538.4/19

Left In: -7.116+/-0.000 χ^2/NDF : 39942119557.8/7

-6.255+/-0.000 χ^2/NDF : 157497850654.8/26

-6.237+/-0.000 χ^2/NDF : 137611316298.6/27

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 : 80068.3/9

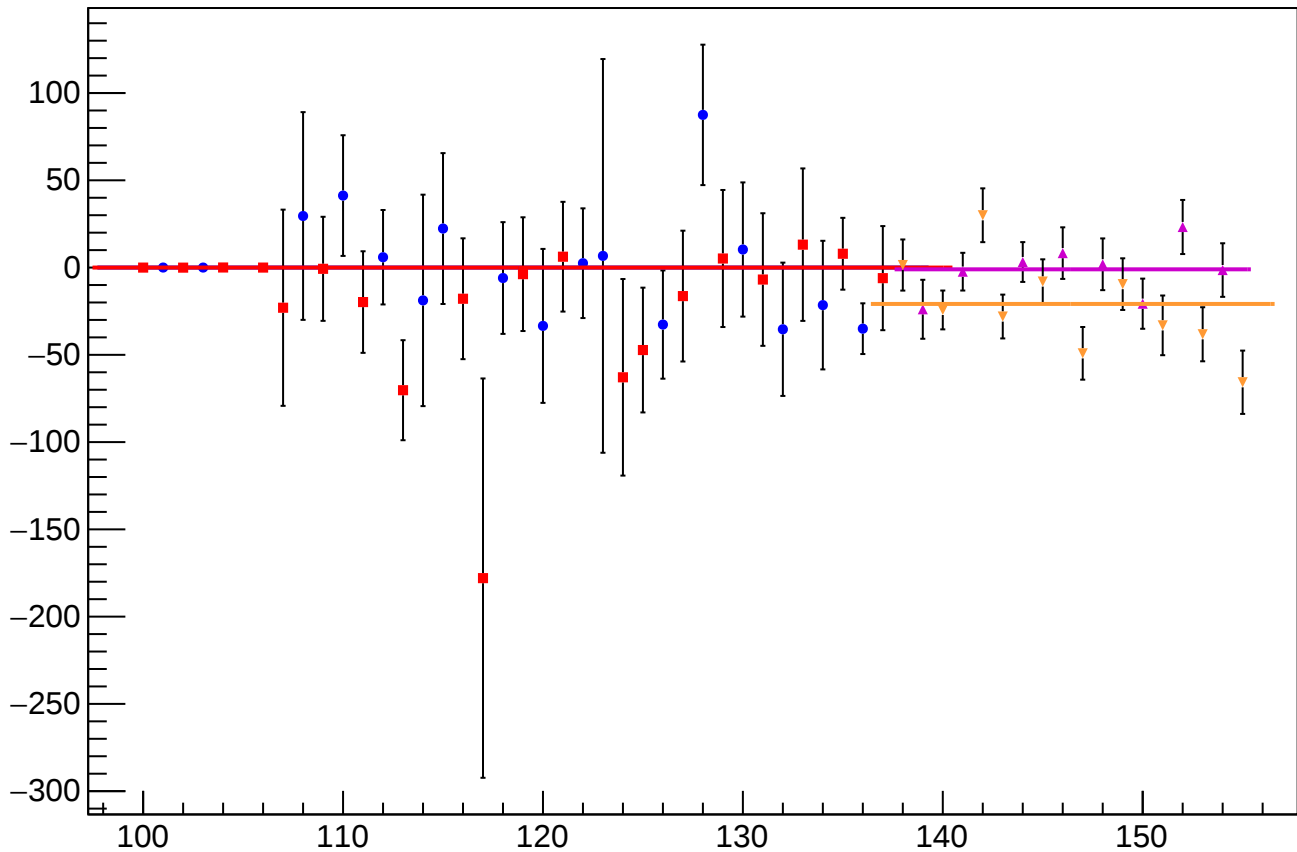
Right Out: 0.005+/-0.000 χ^2/NDF : 247999.6/19

Left In: 0.008+/-0.000 χ^2/NDF : 120204.8/7

0.006+/-0.000 χ^2/NDF : 1373045.4/26

0.006+/-0.000 χ^2/NDF : 1426351.7/27

diff_cav4bX_mean vs Slug



Right In: 0.013 ± 0.017 χ^2/NDF : 15.8/16

Left Out: -20.840 ± 4.515 χ^2/NDF : 26.6/9

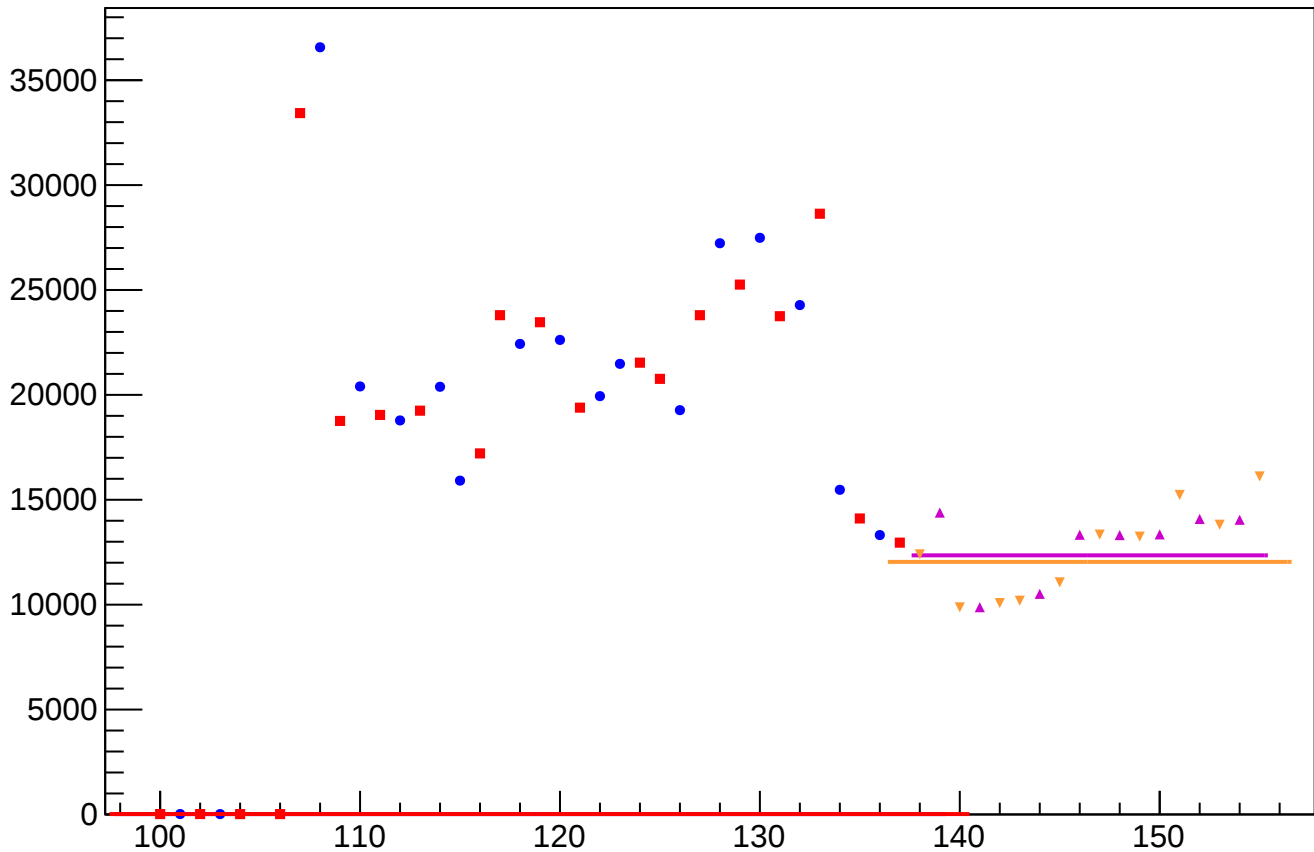
Right Out: 0.003 ± 0.016 χ^2/NDF : 17.7/19

Left In: -1.008 ± 4.872 χ^2/NDF : 6.7/7

0.013 ± 0.017 χ^2/NDF : 63.7/26

0.003 ± 0.016 χ^2/NDF : 24.5/27

diff_cav4bX_rms vs Slug



Right In: 18.641+/-0.012 χ^2/NDF : 10841561.4/16

Left Out: 12039.522+/-3.193 χ^2/NDF : 389554.8/9

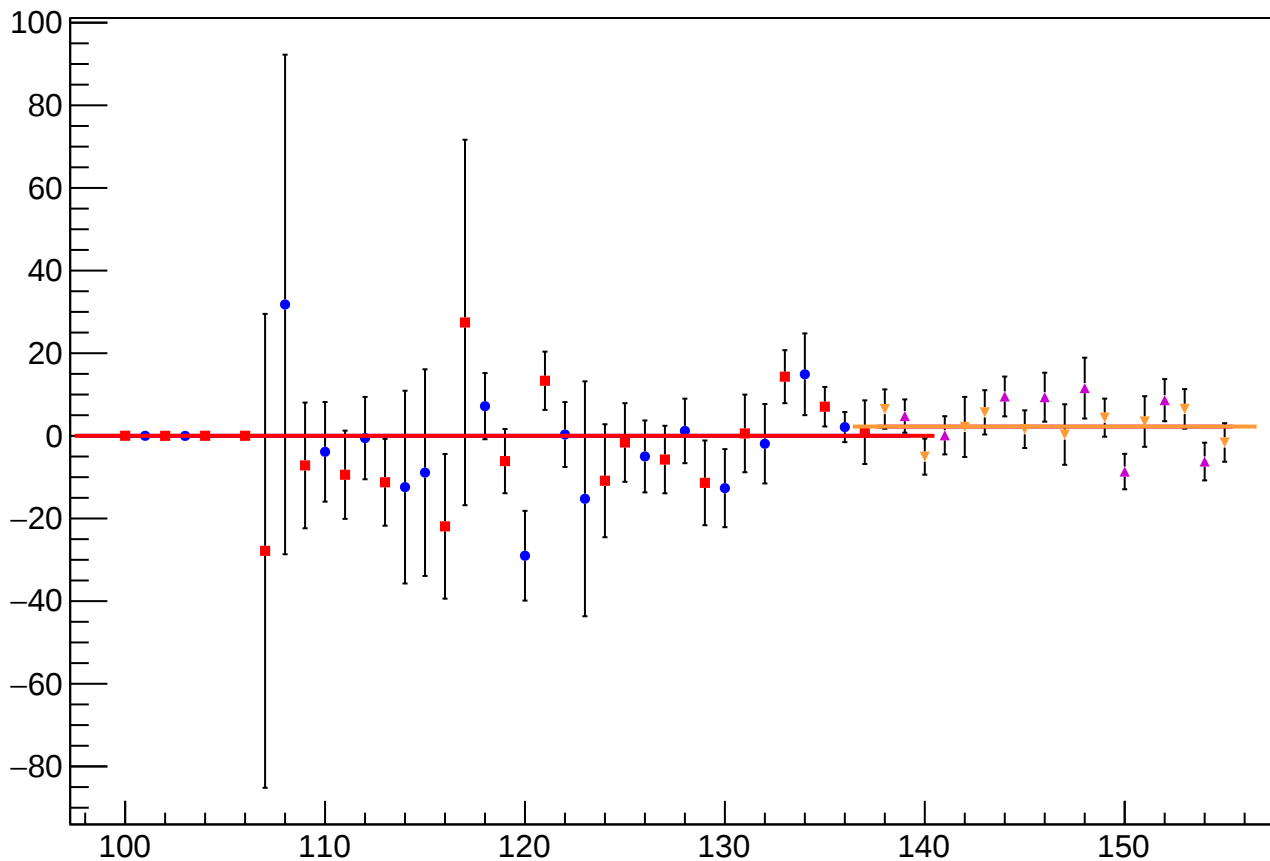
Right Out: 18.312+/-0.011 χ^2/NDF : 11189737.0/19

Left In: 12351.179+/-3.445 χ^2/NDF : 261929.2/7

18.818+/-0.012 χ^2/NDF : 25406427.6/26

18.446+/-0.011 χ^2/NDF : 24268256.2/27

diff_cav4bY_mean vs Slug



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 14.9/16

Left Out: 2.254 $\pm$ 1.622 χ^2 /NDF: 5.8/9

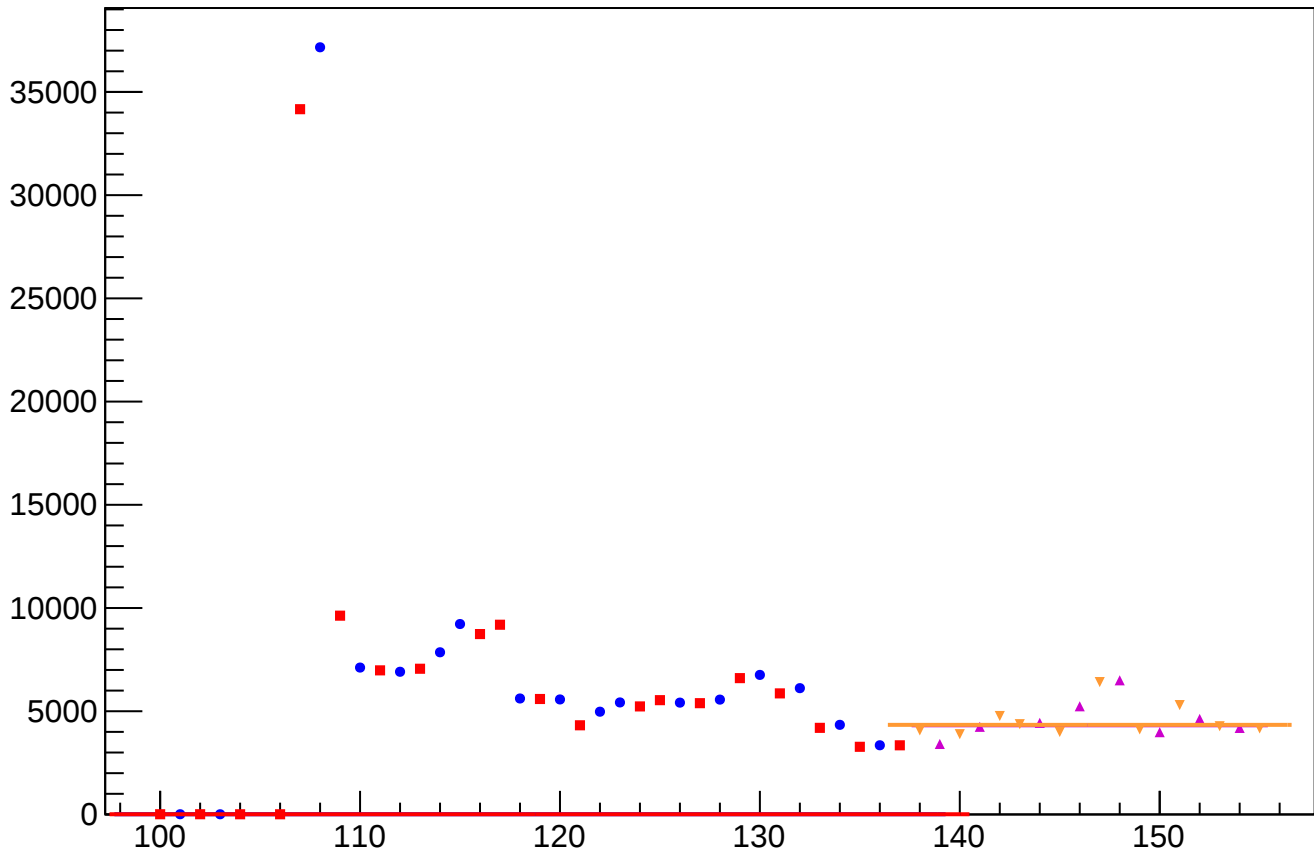
Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.8/19

Left In: 2.236 $\pm$ 1.717 χ^2 /NDF: 17.4/7

0.001 $\pm$ 0.009 χ^2 /NDF: 22.6/26

0.014 $\pm$ 0.009 χ^2 /NDF: 37.8/27

diff_cav4bY_rms vs Slug



Right In: 9.938+/-0.007 χ^2/NDF : 10973577.1/16

Left Out: 4340.195+/-1.147 χ^2/NDF : 262913.9/9

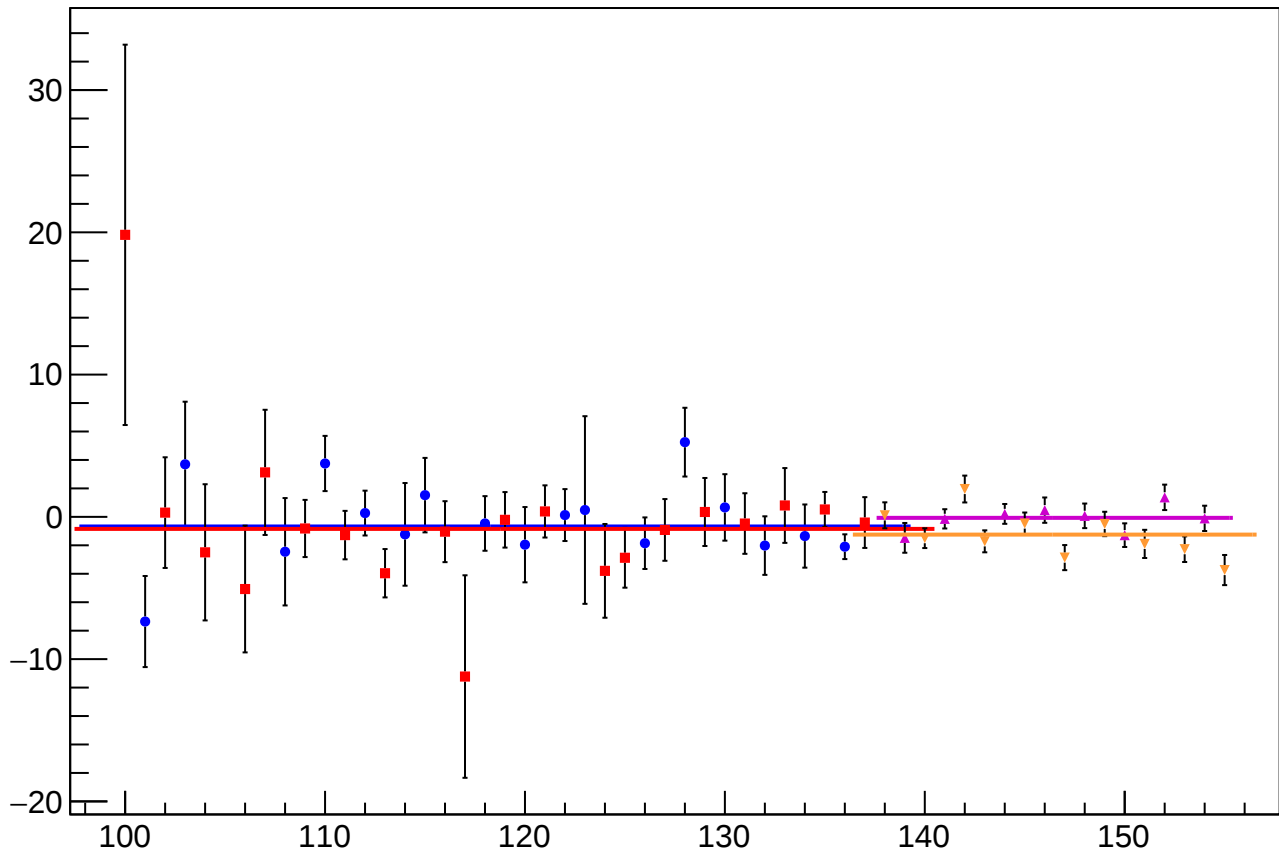
Right Out: 9.855+/-0.006 χ^2/NDF : 11238836.3/19

Left In: 4319.158+/-1.214 χ^2/NDF : 346925.5/7

10.077+/-0.007 χ^2/NDF : 25486659.1/26

9.964+/-0.006 χ^2/NDF : 24186812.0/27

diff_cav4cX_mean vs Slug



Right In: -0.677 ± 0.484 χ^2/NDF : 22.3/16

Left Out: -1.247 ± 0.272 χ^2/NDF : 26.6/9

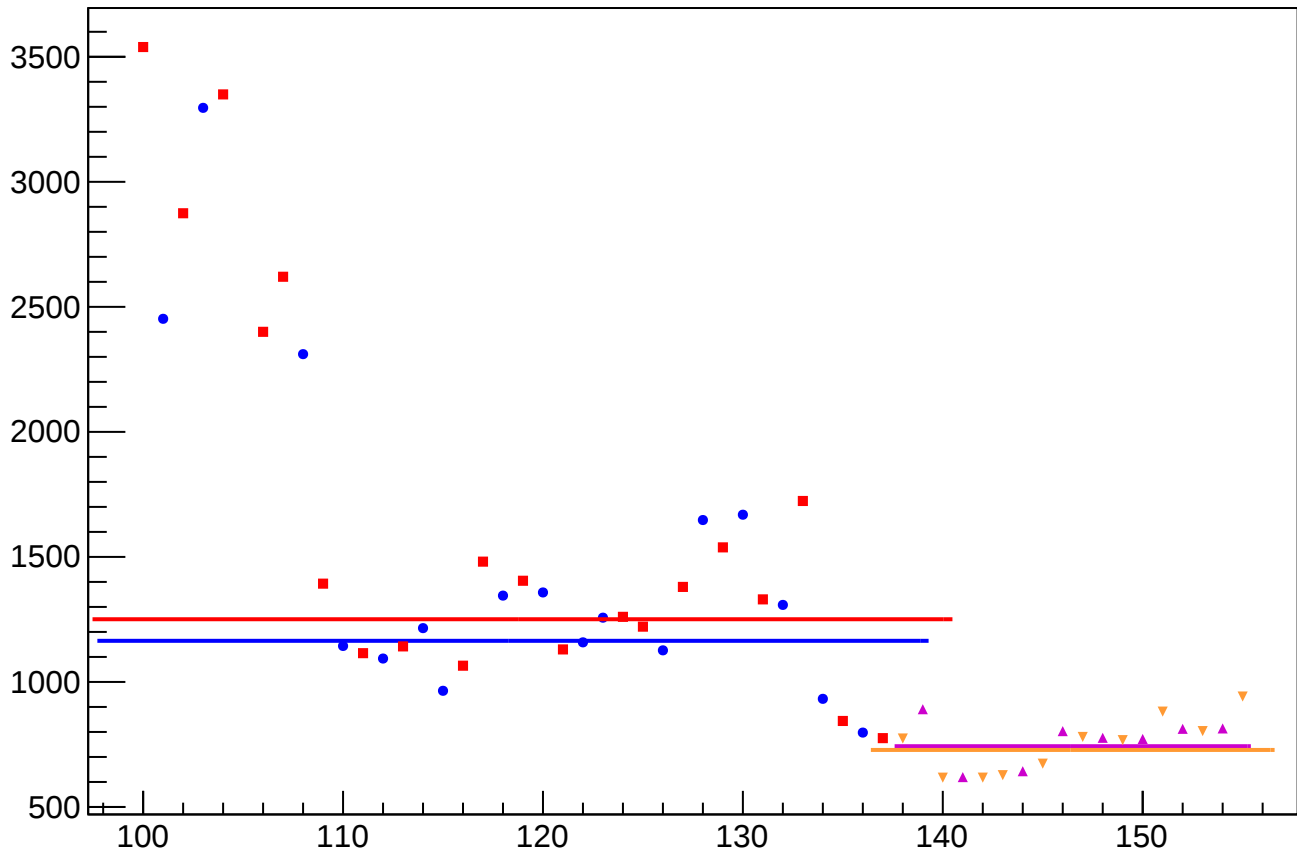
Right Out: -0.846 ± 0.500 χ^2/NDF : 14.1/19

Left In: -0.069 ± 0.292 χ^2/NDF : 7.1/7

-1.110 ± 0.237 χ^2/NDF : 50.0/26

-0.267 ± 0.252 χ^2/NDF : 23.0/27

diff_cav4cX_rms vs Slug



Right In: 1164.459+/-0.342 χ^2/NDF : 1584212.9/16

Left Out: 728.071+/-0.192 χ^2/NDF : 281963.0/9

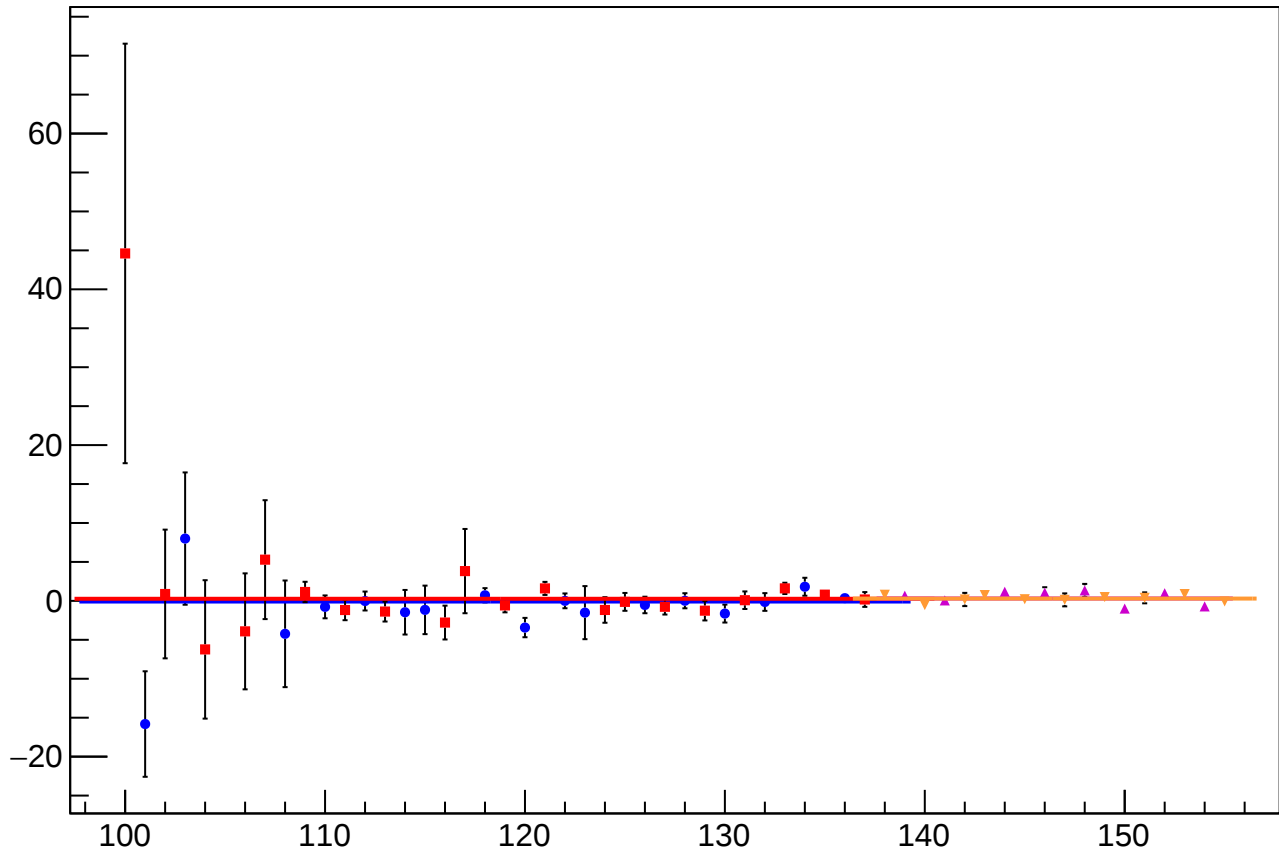
832.693+/-0.168 χ^2/NDF : 3101546.7/26

Right Out: 1250.738+/-0.354 χ^2/NDF : 1652238.9/19

872.203+/-0.178 χ^2/NDF : 3376718.0/27

Left In: 743.019+/-0.207 χ^2/NDF : 187279.5/7

diff_cav4cY_mean vs Slug



Right In: -0.086 ± 0.270 χ^2/NDF : 21.1/16

Left Out: 0.294 ± 0.192 χ^2/NDF : 5.6/9

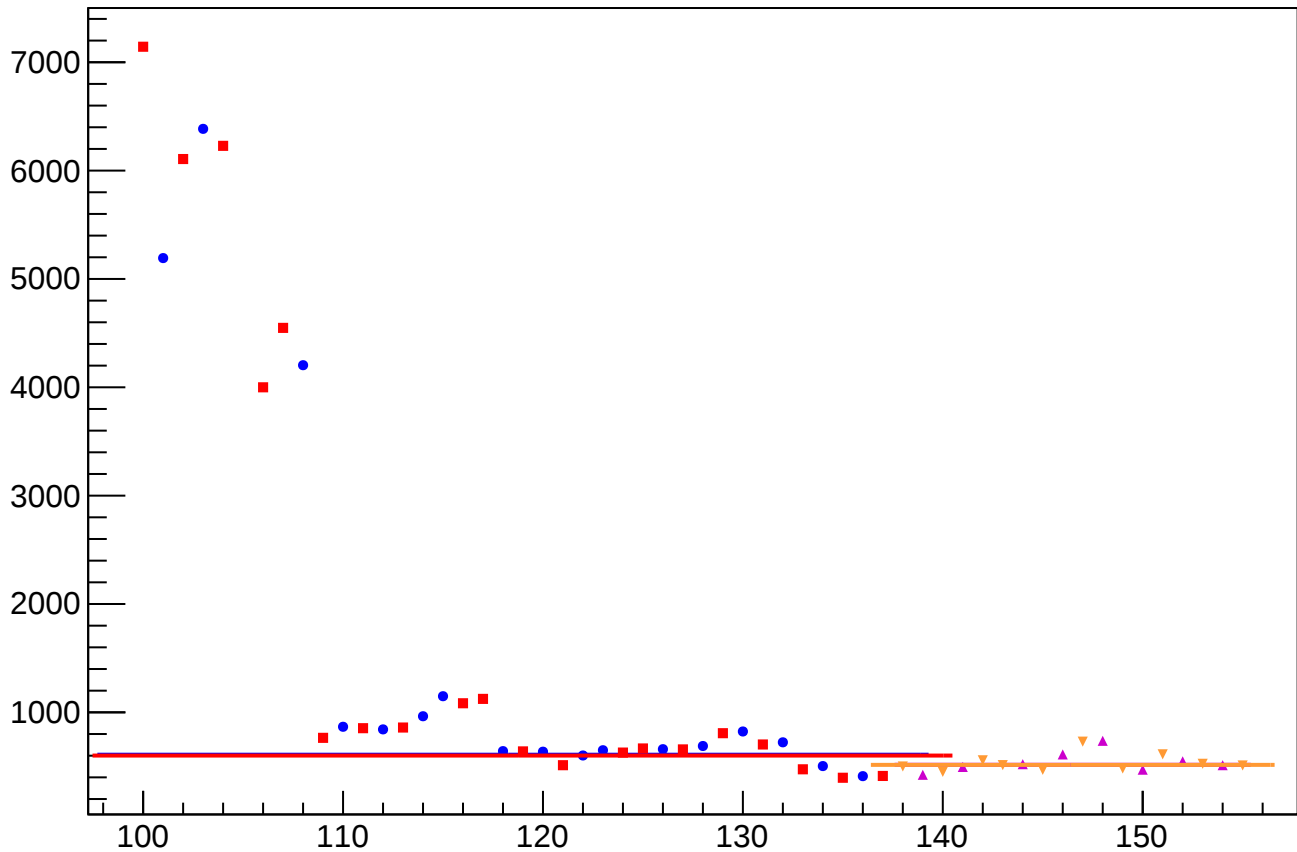
Right Out: 0.268 ± 0.264 χ^2/NDF : 20.9/19

Left In: 0.302 ± 0.204 χ^2/NDF : 16.9/7

0.167 ± 0.157 χ^2/NDF : 27.9/26

0.289 ± 0.162 χ^2/NDF : 37.8/27

diff_cav4cY_rms vs Slug



Right In: 609.016+/-0.191 χ^2/NDF : 3139231.5/16

Left Out: 515.195+/-0.136 χ^2/NDF : 232814.6/9

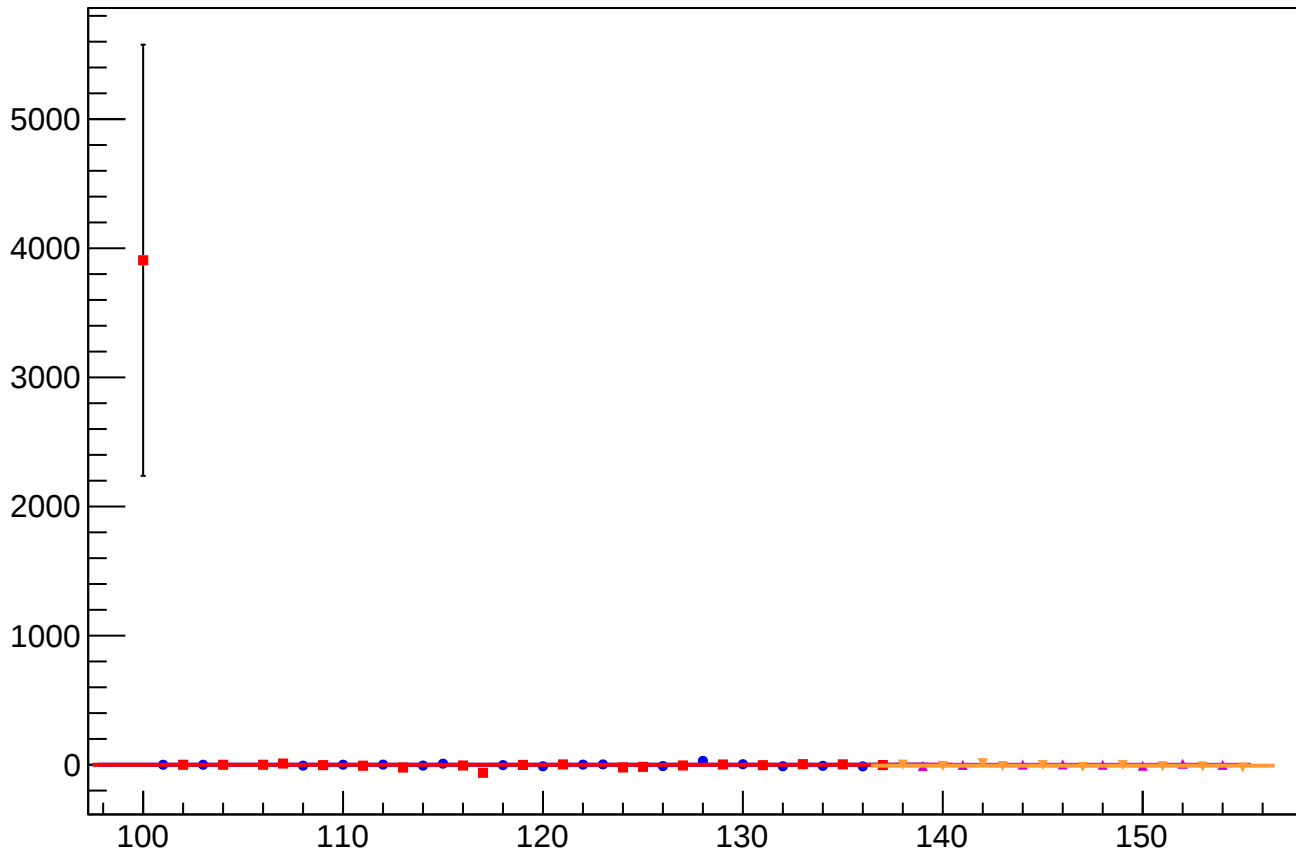
546.721+/-0.111 χ^2/NDF : 3532207.1/26

Right Out: 601.159+/-0.187 χ^2/NDF : 3566339.5/19

547.922+/-0.114 χ^2/NDF : 3968235.5/27

Left In: 516.024+/-0.145 χ^2/NDF : 271857.3/7

diff_cav4dX_mean vs Slug



Right In: -0.022+/-0.021 χ^2/NDF : 15.3/16

Left Out: -7.189+/-1.579 χ^2/NDF : 26.7/9

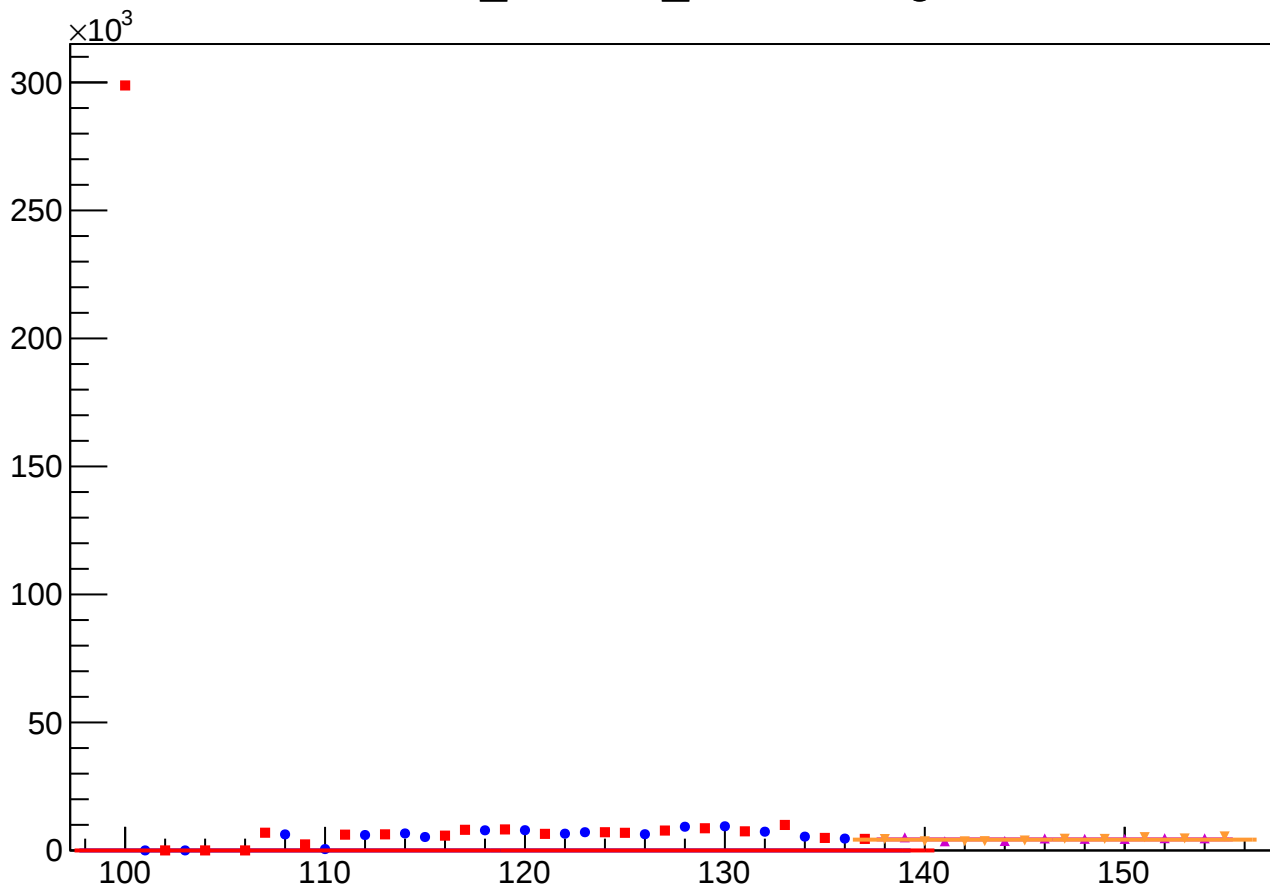
Right Out: -0.027+/-0.020 χ^2/NDF : 19.8/19

Left In: -0.405+/-1.701 χ^2/NDF : 7.1/7

-0.023+/-0.021 χ^2/NDF : 62.5/26

-0.027+/-0.020 χ^2/NDF : 27.0/27

diff_cav4dX_rms vs Slug



Right In: 17.337 $\pm$ 0.015 χ^2 /NDF: 10359409.4/16

Left Out: 4224.316 $\pm$ 1.116 χ^2 /NDF:302823.8/9

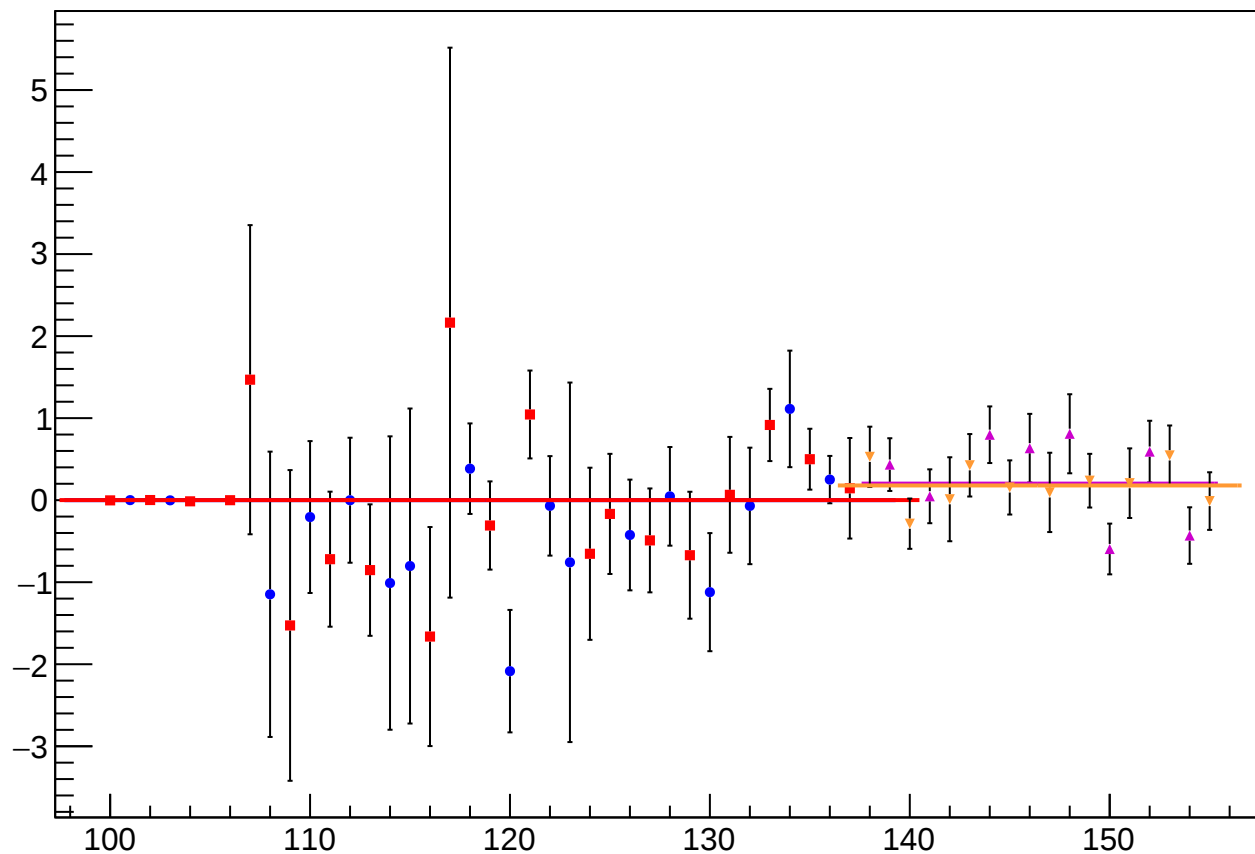
Right Out: 17.270 $\pm$ 0.014 χ^2 /NDF: 10899577.1/19

Left In: 4324.729 $\pm$ 1.203 χ^2 /NDF:199318.0/7

18.067 $\pm$ 0.015 χ^2 /NDF: 24861219.0/26

17.852 $\pm$ 0.014 χ^2 /NDF: 23920153.5/27

diff_cav4dY_mean vs Slug



Right In: 0.000+/-0.002 χ^2/NDF : 15.6/16

Left Out: 0.179+/-0.117 χ^2/NDF : 5.1/9

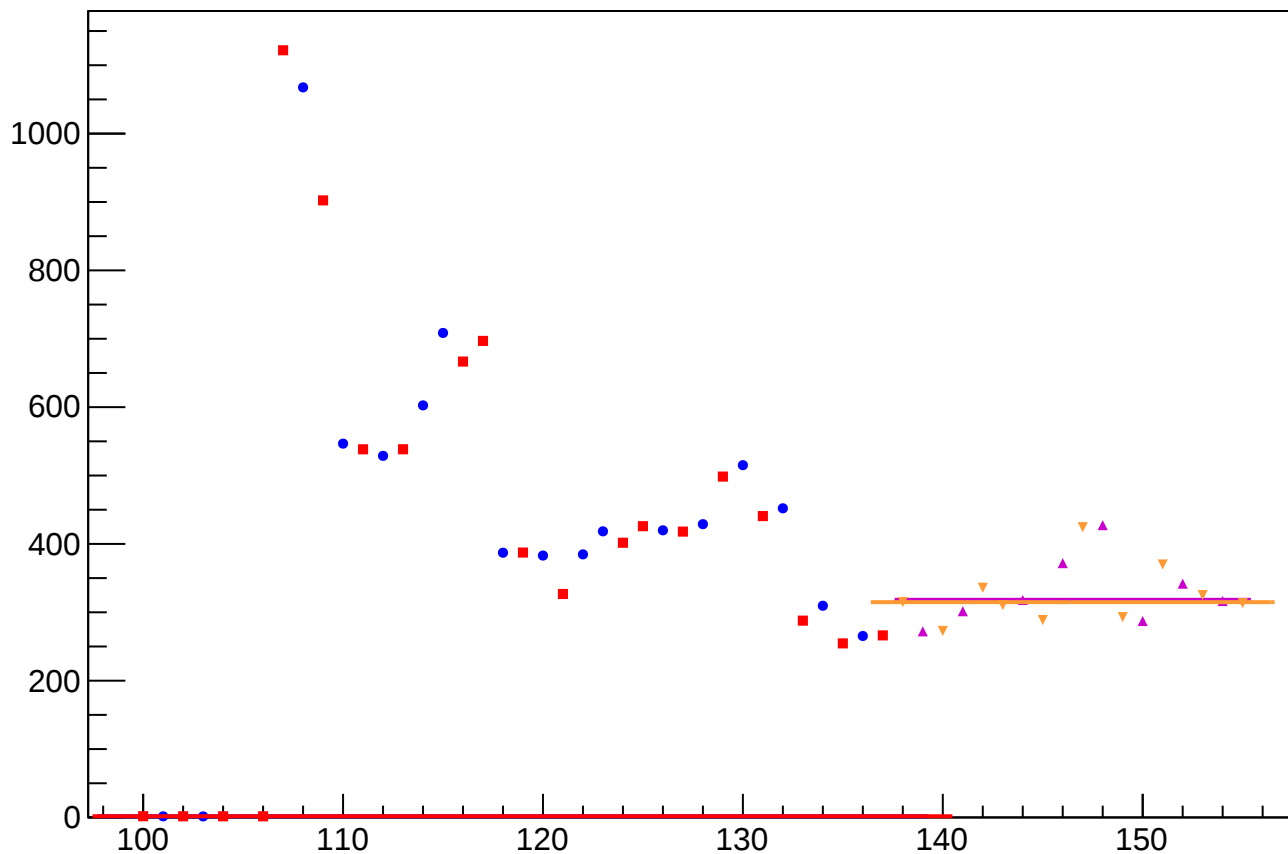
Right Out: 0.001+/-0.002 χ^2/NDF : 18.2/19

Left In: 0.202+/-0.126 χ^2/NDF : 17.5/7

0.000+/-0.002 χ^2/NDF : 23.1/26

0.001+/-0.002 χ^2/NDF : 38.2/27

diff_cav4dY_rms vs Slug



Right In: 1.698+/-0.001 χ^2/NDF : 10911617.0/16

Left Out: 314.847+/-0.083 χ^2/NDF : 201102.9/9

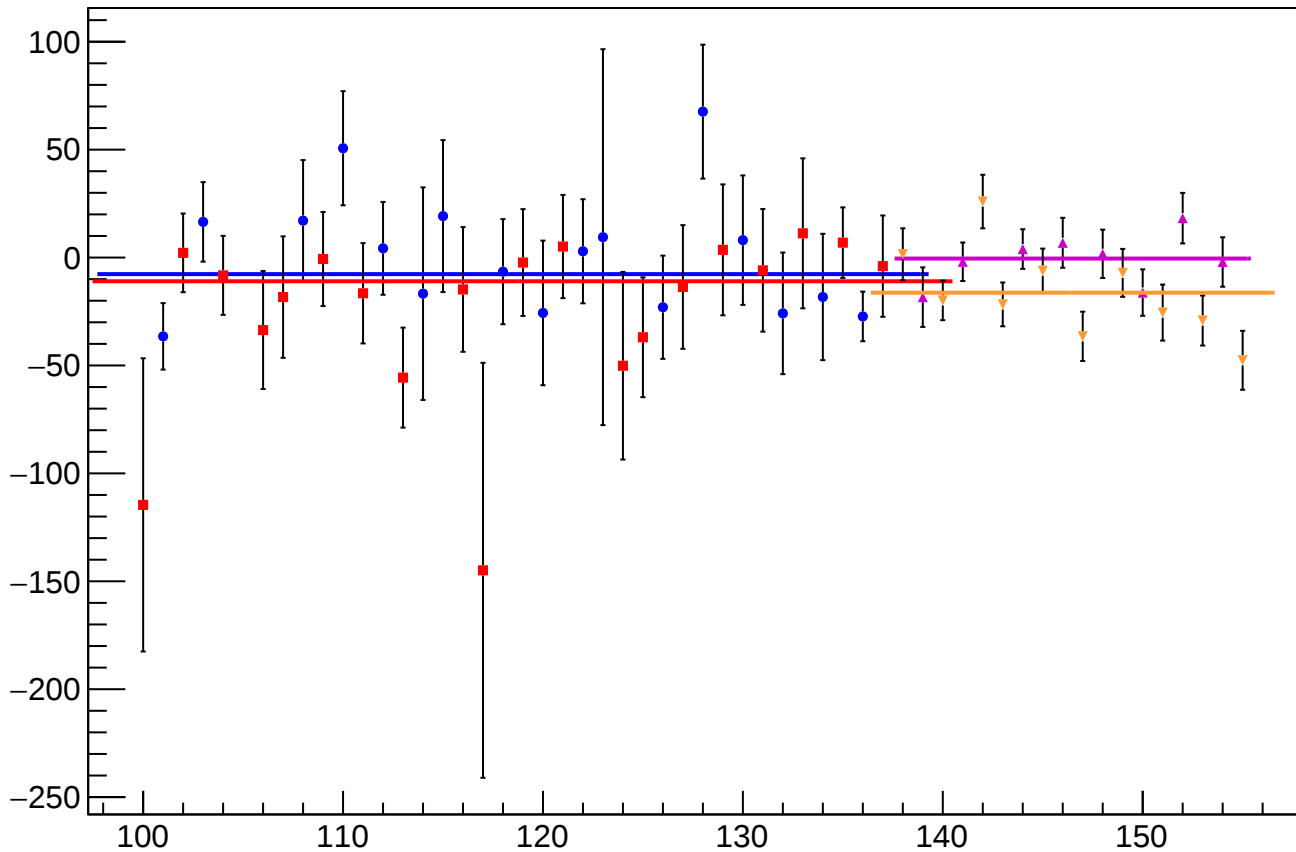
Right Out: 1.729+/-0.001 χ^2/NDF : 10822679.1/19

Left In: 318.276+/-0.089 χ^2/NDF : 209919.8/7

1.792+/-0.001 χ^2/NDF : 25369459.5/26

1.804+/-0.001 χ^2/NDF : 23720067.7/27

diff_bpm4aX_mean vs Slug



Right In: -7.683 ± 5.627 χ^2/NDF : 22.4/16

Left Out: -16.281 ± 3.554 χ^2/NDF : 26.0/9

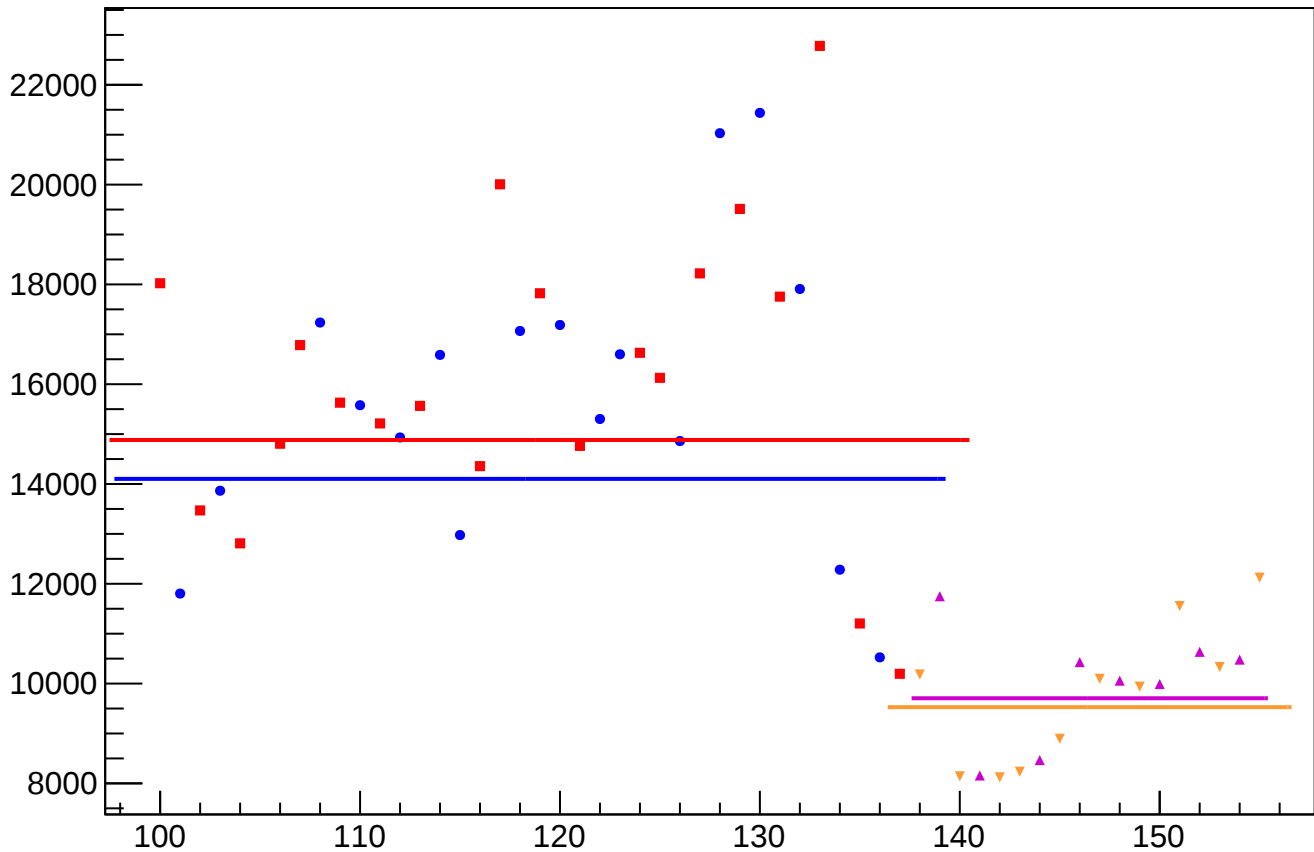
Right Out: -10.992 ± 5.672 χ^2/NDF : 13.8/19

Left In: -0.467 ± 3.814 χ^2/NDF : 7.1/7

-13.829 ± 3.005 χ^2/NDF : 50.1/26

-3.744 ± 3.165 χ^2/NDF : 23.3/27

diff_bpm4aX_rms vs Slug



Right In: 14102.522+/-3.979 χ^2/NDF : 598934.8/16

Left Out: 9527.364+/-2.513 χ^2/NDF : 256111.3/9

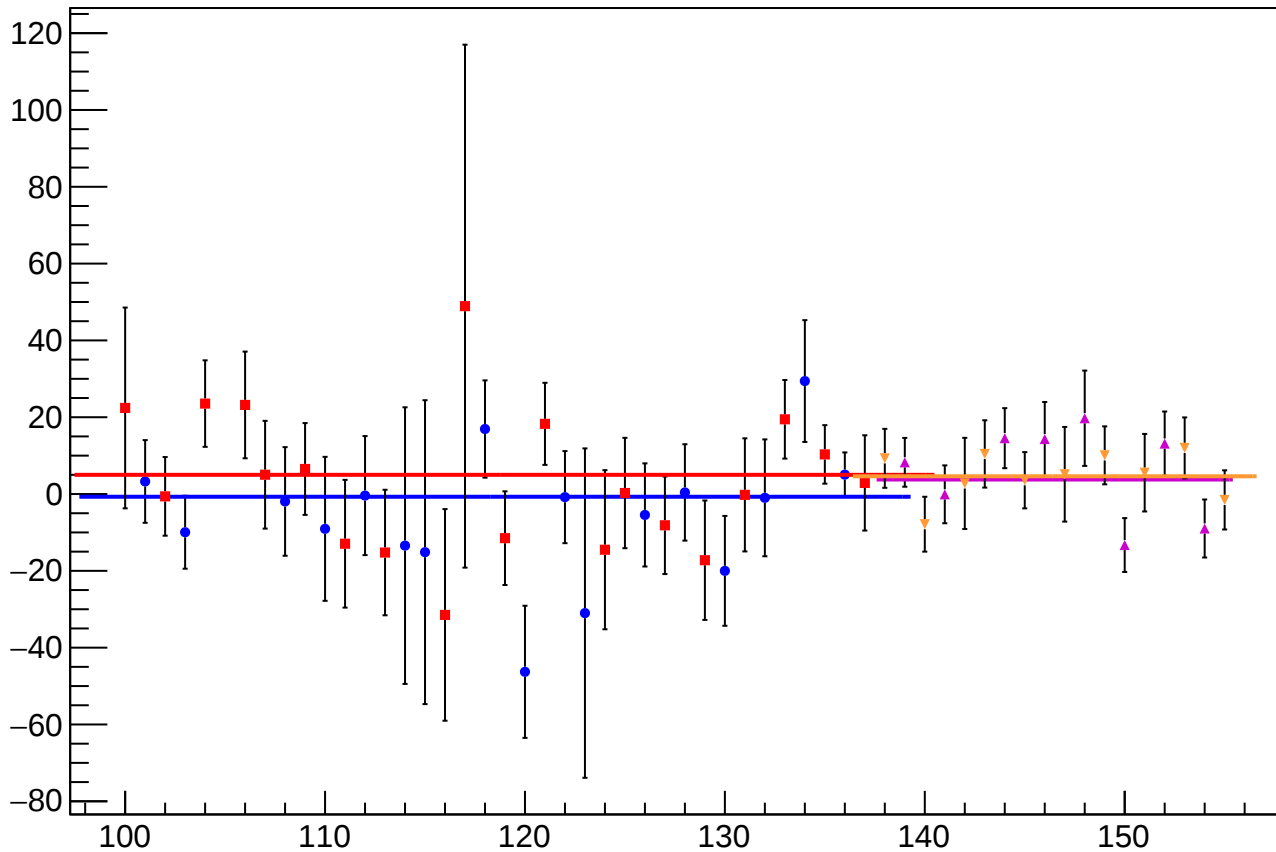
Right Out: 14882.066+/-4.011 χ^2/NDF : 475983.1/19

Left In: 9705.653+/-2.697 χ^2/NDF : 173622.1/7

10832.195+/-2.125 χ^2/NDF : 1800066.1/26

11317.352+/-2.238 χ^2/NDF : 1796591.4/27

diff_bpm4aY_mean vs Slug



Right In: -0.708 ± 3.084 χ^2/NDF : 17.6/16

Left Out: 4.623 ± 2.653 χ^2/NDF : 5.9/9

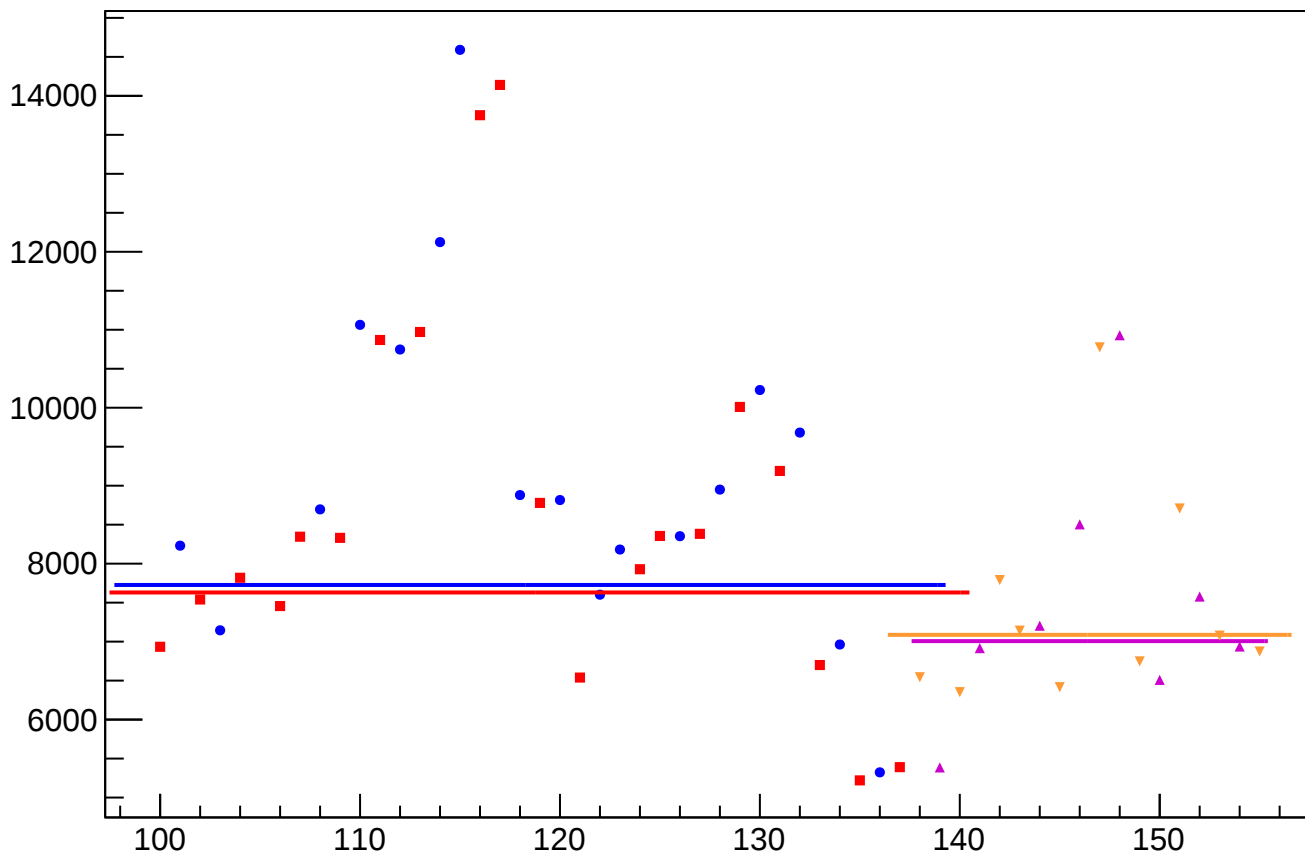
Right Out: 5.000 ± 2.937 χ^2/NDF : 20.2/19

Left In: 3.780 ± 2.793 χ^2/NDF : 15.5/7

2.355 ± 2.011 χ^2/NDF : 25.2/26

4.359 ± 2.024 χ^2/NDF : 35.8/27

diff_bpm4aY_rms vs Slug



Right In: 7726.745 $\pm$ 2.180 χ^2 /NDF: 742512.8/16

Left Out: 7086.793 $\pm$ 1.876 χ^2 /NDF: 291297.6/9

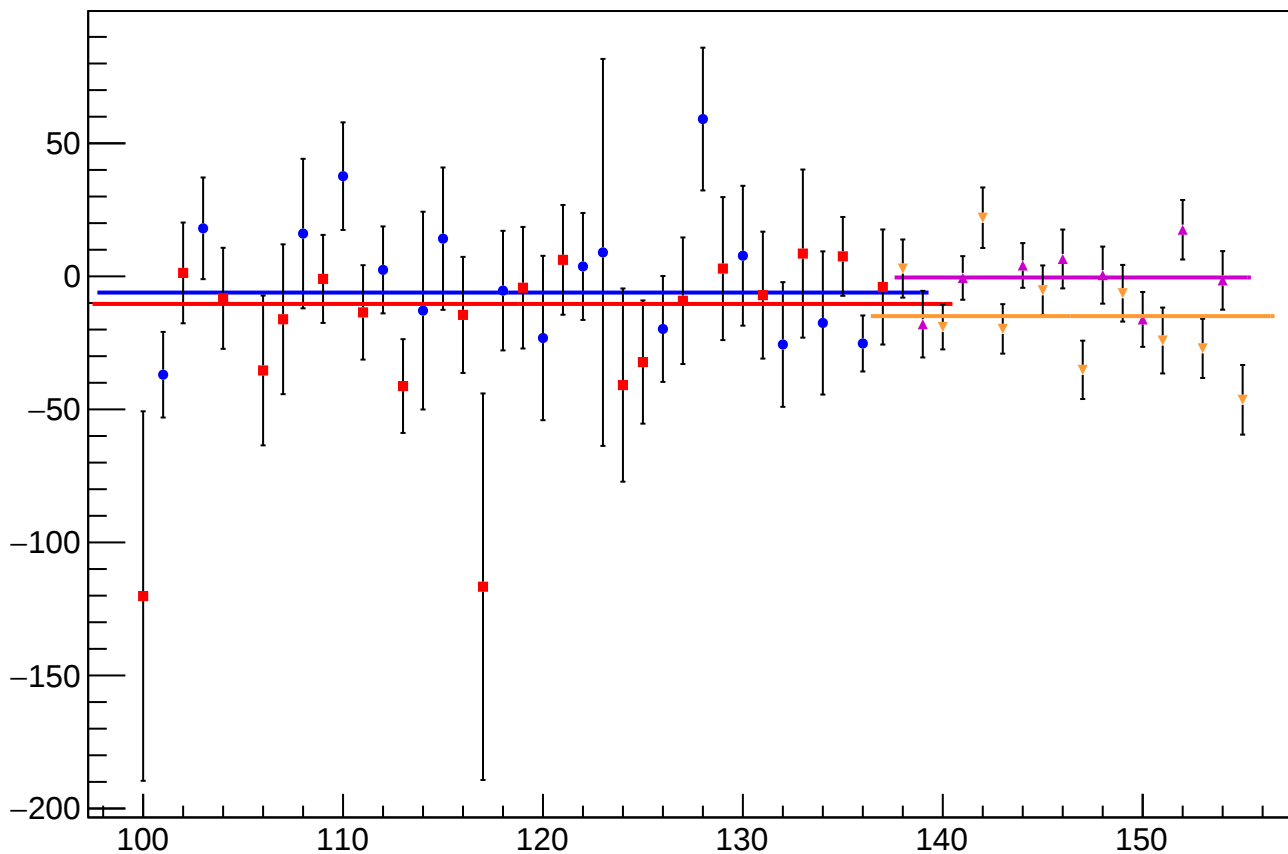
Right Out: 7630.342 $\pm$ 2.077 χ^2 /NDF: 693444.5/19

Left In: 7006.238 $\pm$ 1.975 χ^2 /NDF: 399220.1/7

7359.021 $\pm$ 1.422 χ^2 /NDF: 1083310.8/26

7302.585 $\pm$ 1.431 χ^2 /NDF: 1140098.5/27

diff_bpm4eX_mean vs Slug



Right In: -6.092 ± 5.034 $\chi^2/\text{NDF}: 22.9/16$

Left Out: -14.938 ± 3.318 $\chi^2/\text{NDF}: 26.4/9$

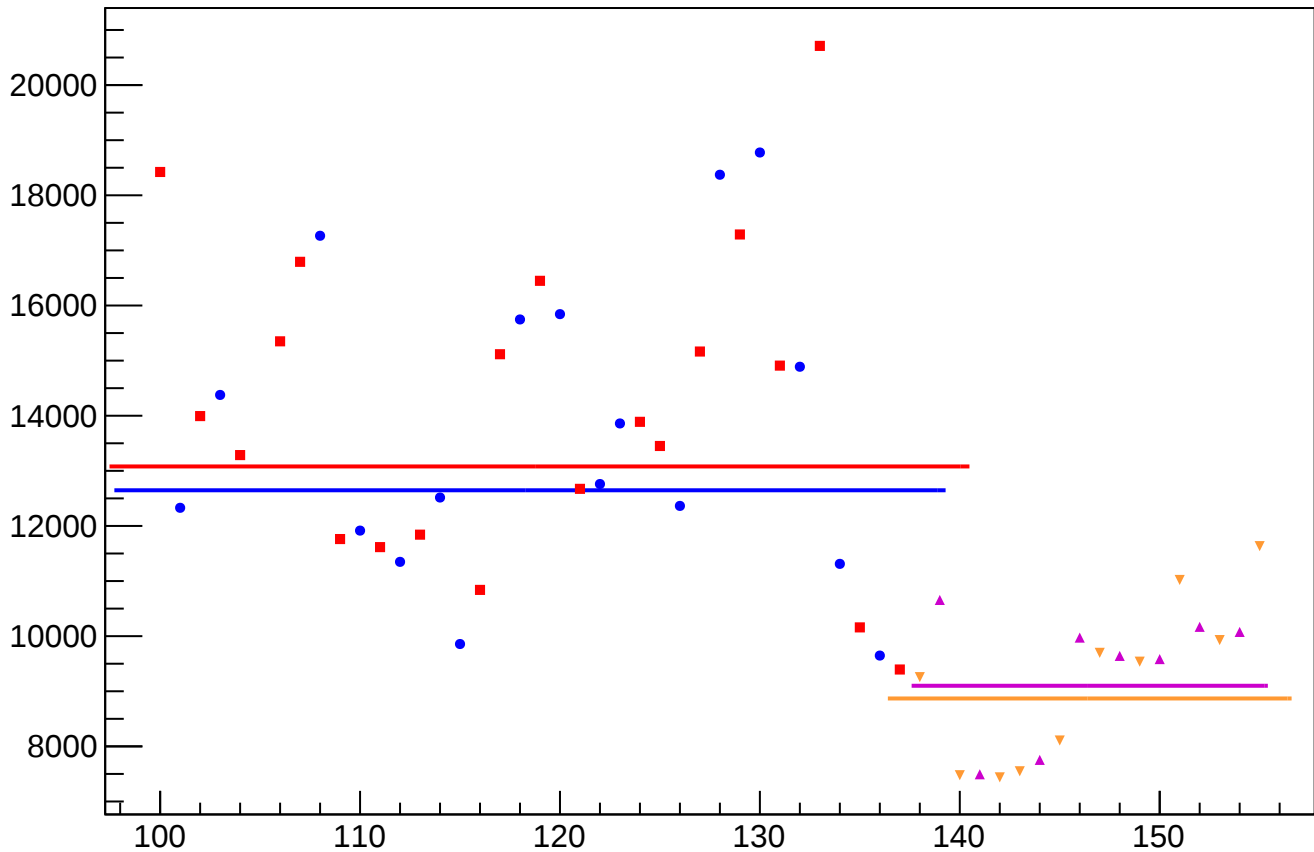
Right Out: -10.369 ± 4.992 $\chi^2/\text{NDF}: 13.8/19$

Left In: -0.425 ± 3.582 $\chi^2/\text{NDF}: 7.6/7$

-12.259 ± 2.770 $\chi^2/\text{NDF}: 51.4/26$

-3.804 ± 2.910 $\chi^2/\text{NDF}: 24.0/27$

diff_bpm4eX_rms vs Slug



Right In: 12647.257+/-3.559 χ^2/NDF : 554320.4/16

Left Out: 8869.274+/-2.346 χ^2/NDF : 329619.6/9

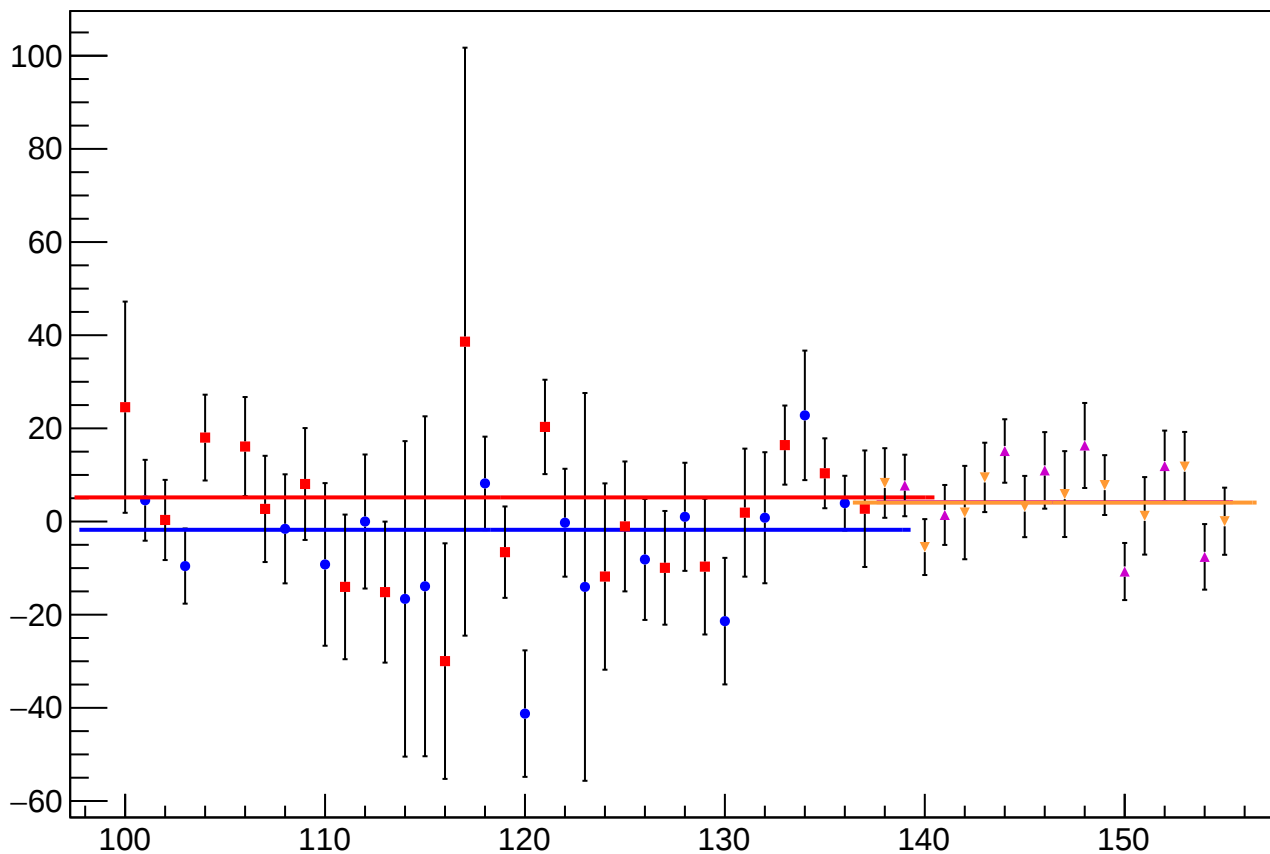
10013.587+/-1.959 χ^2/NDF : 1669316.7/26

Right Out: 13079.592+/-3.530 χ^2/NDF : 497851.1/19

10452.354+/-2.058 χ^2/NDF : 1552188.6/27

Left In: 9099.860+/-2.533 χ^2/NDF : 215095.7/7

diff_bpm4eY_mean vs Slug



Right In: -1.777 ± 2.806 χ^2/NDF : 18.0/16

Left Out: 4.067 ± 2.329 χ^2/NDF : 5.3/9

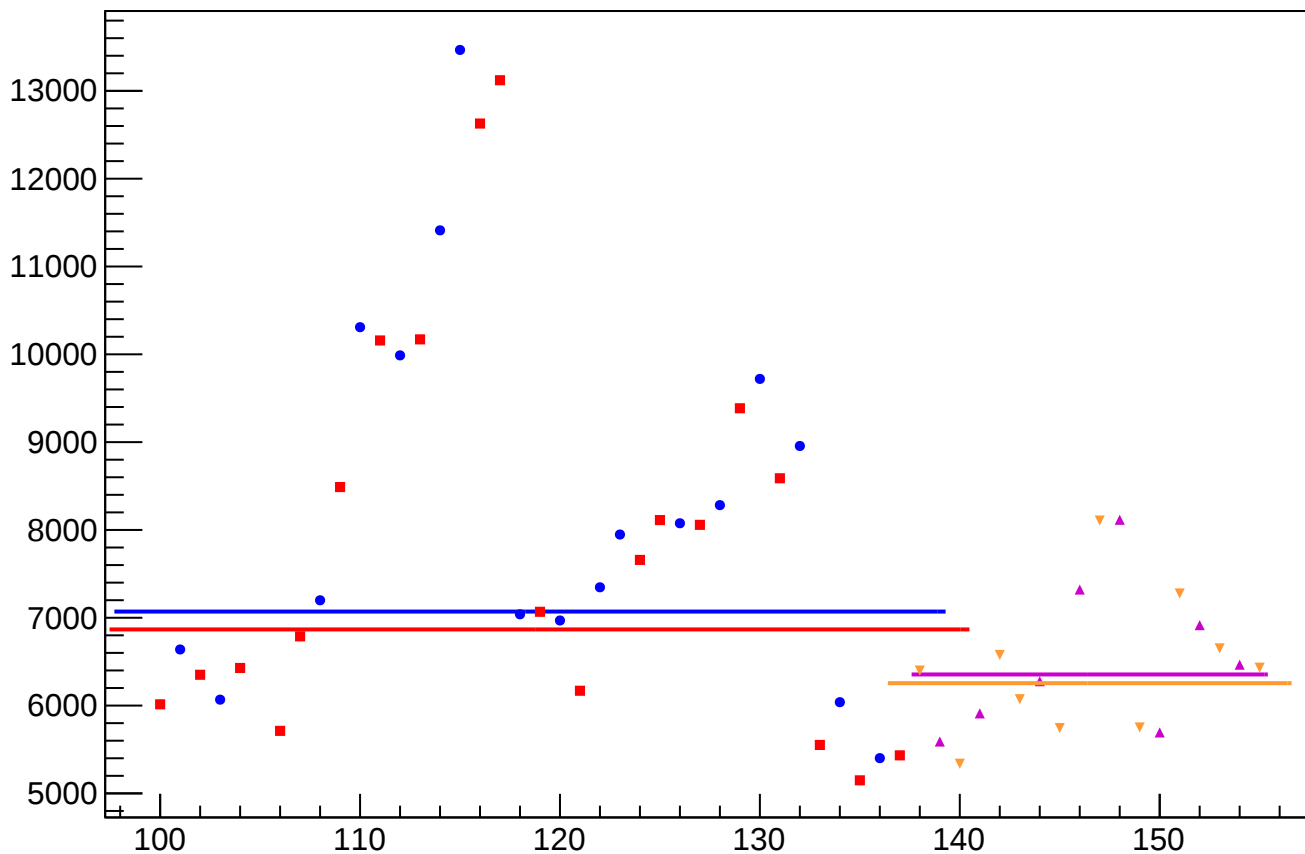
Right Out: 5.181 ± 2.640 χ^2/NDF : 19.2/19

Left In: 4.161 ± 2.504 χ^2/NDF : 15.3/7

1.684 ± 1.792 χ^2/NDF : 25.9/26

4.644 ± 1.817 χ^2/NDF : 34.5/27

diff_bpm4eY_rms vs Slug



Right In: 7070.672 $\pm$ 1.984 χ^2 /NDF: 601692.5/16

Left Out: 6255.338 $\pm$ 1.647 χ^2 /NDF:192775.1/9

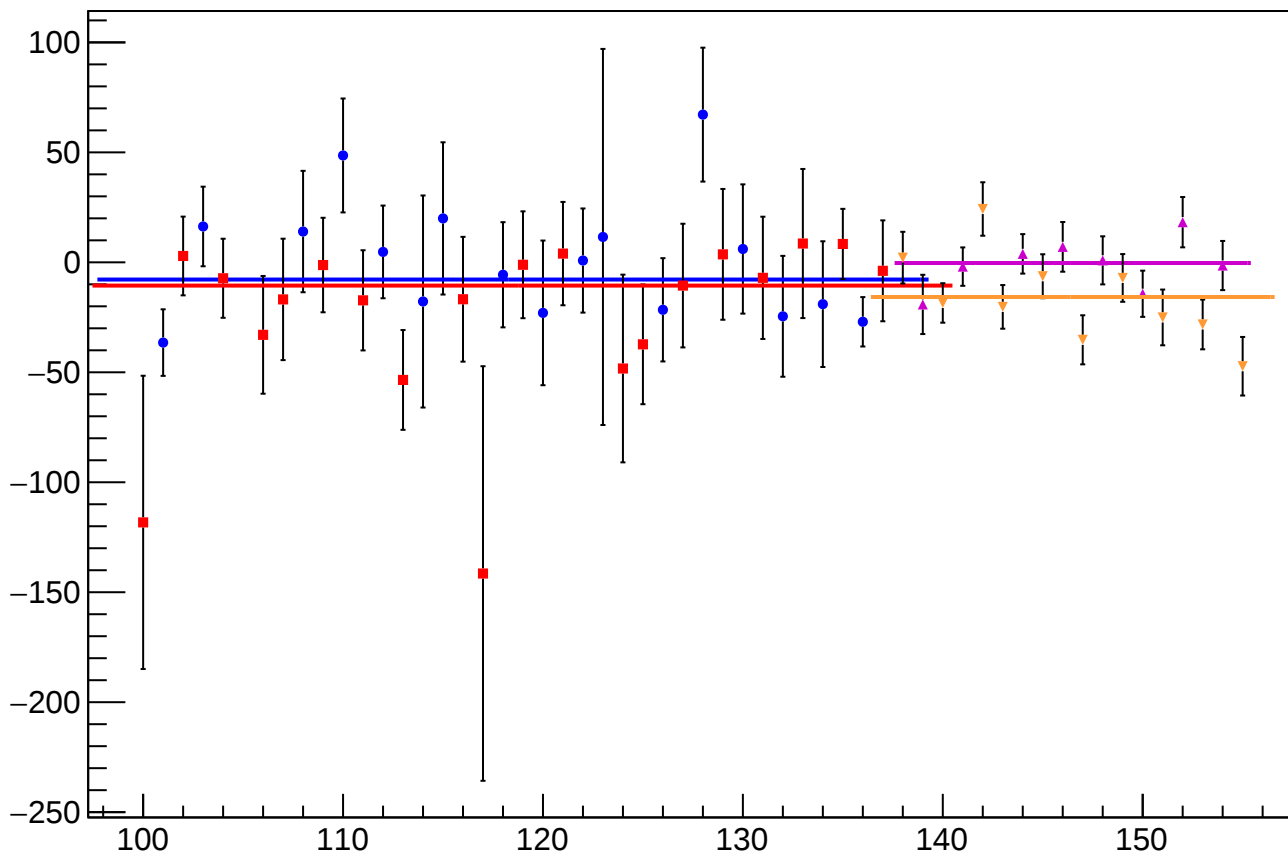
Right Out: 6867.094 $\pm$ 1.866 χ^2 /NDF: 701892.5/19

Left In: 6354.395 $\pm$ 1.771 χ^2 /NDF:173291.3/7

6587.833 $\pm$ 1.267 χ^2 /NDF: 894466.2/26

6597.235 $\pm$ 1.285 χ^2 /NDF: 914899.6/27

diff_bpm4acX_mean vs Slug



Right In: -7.825 ± 5.516 $\chi^2/\text{NDF}: 22.3/16$

Left Out: -15.761 ± 3.475 $\chi^2/\text{NDF}: 25.4/9$

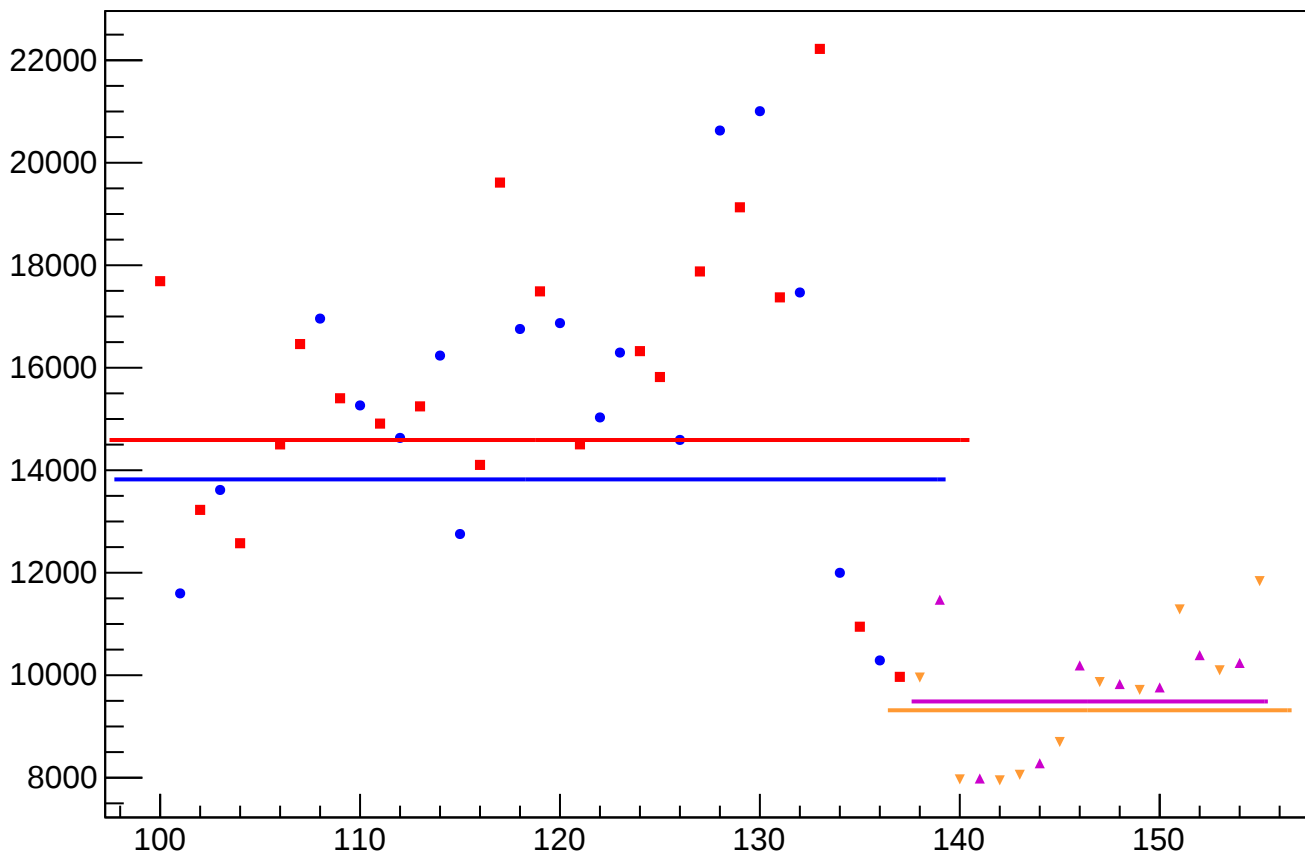
Right Out: -10.574 ± 5.561 $\chi^2/\text{NDF}: 14.1/19$

Left In: -0.310 ± 3.728 $\chi^2/\text{NDF}: 7.1/7$

-13.506 ± 2.940 $\chi^2/\text{NDF}: 49.1/26$

-3.492 ± 3.097 $\chi^2/\text{NDF}: 23.5/27$

diff_bpm4acX_rms vs Slug



Right In: 13821.195+/-3.900 χ^2/NDF : 602672.4/16

Left Out: 9315.986+/-2.457 χ^2/NDF : 253163.0/9

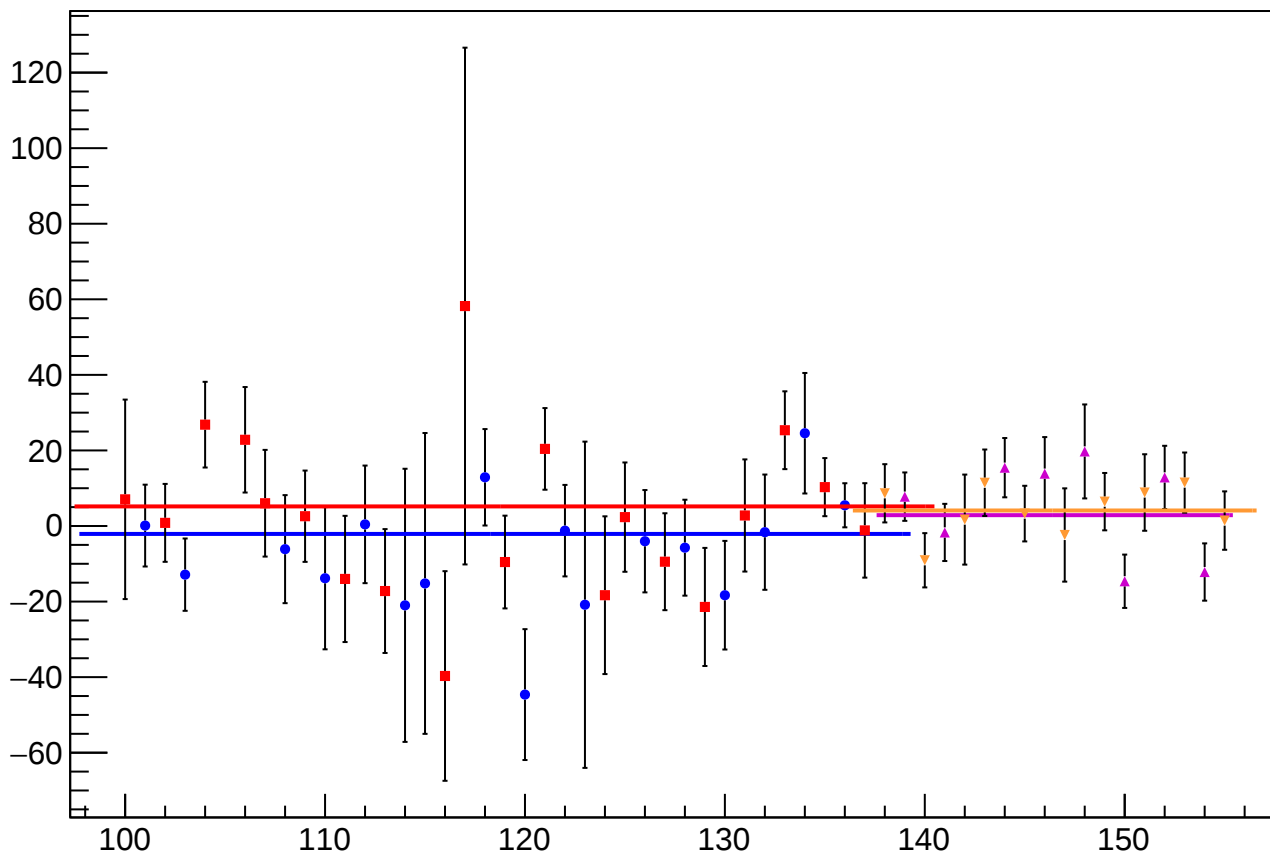
Right Out: 14589.989+/-3.933 χ^2/NDF : 478169.1/19

Left In: 9488.168+/-2.636 χ^2/NDF : 171397.4/7

10596.100+/-2.079 χ^2/NDF : 1810998.2/26

11069.996+/-2.190 χ^2/NDF : 1810800.4/27

diff_bpm4acY_mean vs Slug



Right In: -2.098 ± 3.106 $\chi^2/\text{NDF}: 15.6/16$

Left Out: 4.105 ± 2.665 $\chi^2/\text{NDF}: 6.0/9$

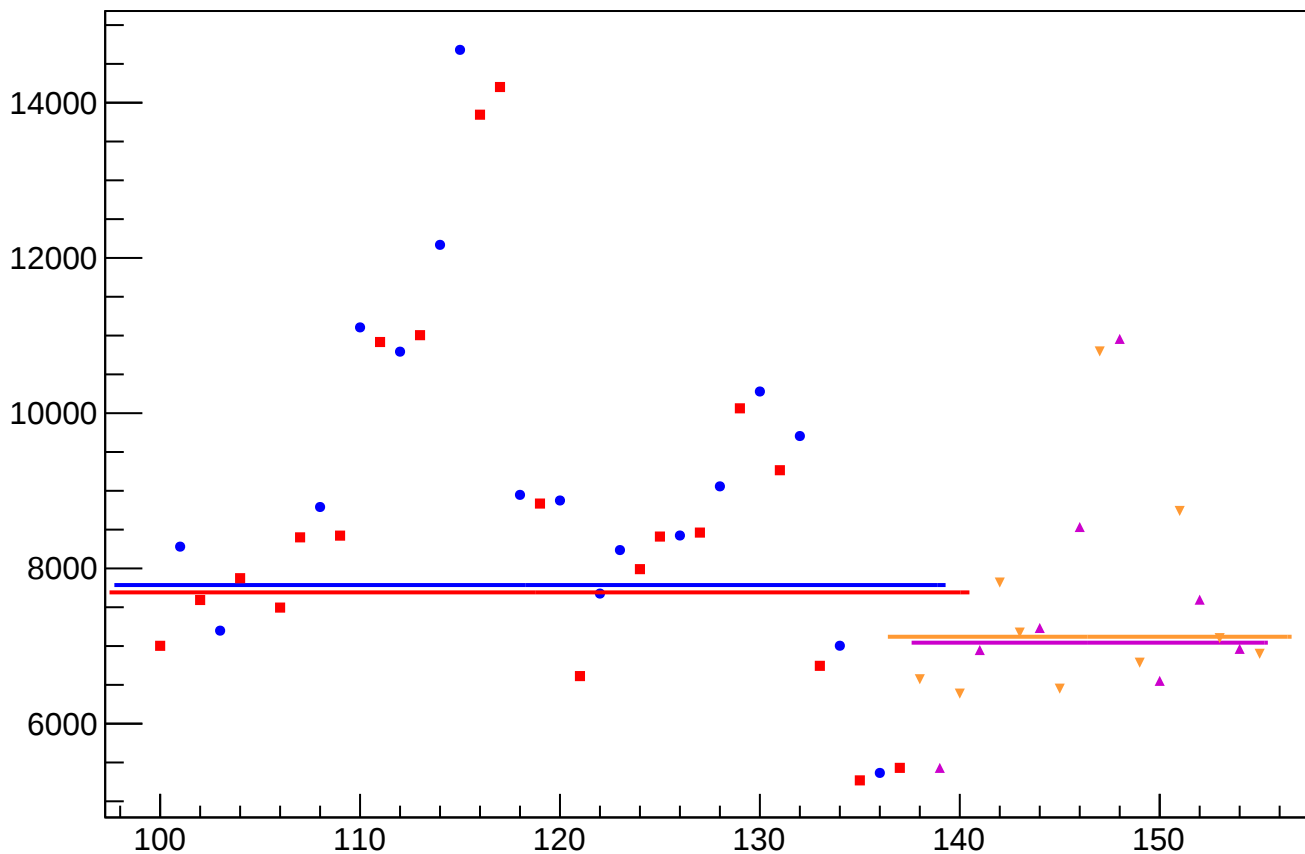
Right Out: 5.184 ± 2.959 $\chi^2/\text{NDF}: 25.4/19$

Left In: 2.869 ± 2.806 $\chi^2/\text{NDF}: 18.2/7$

1.476 ± 2.023 $\chi^2/\text{NDF}: 24.0/26$

3.965 ± 2.036 $\chi^2/\text{NDF}: 43.8/27$

diff_bpm4acY_rms vs Slug



Right In: 7785.931 $\pm$ 2.197 χ^2/NDF : 738101.9/16

Left Out: 7119.875 $\pm$ 1.884 χ^2/NDF : 288344.5/9

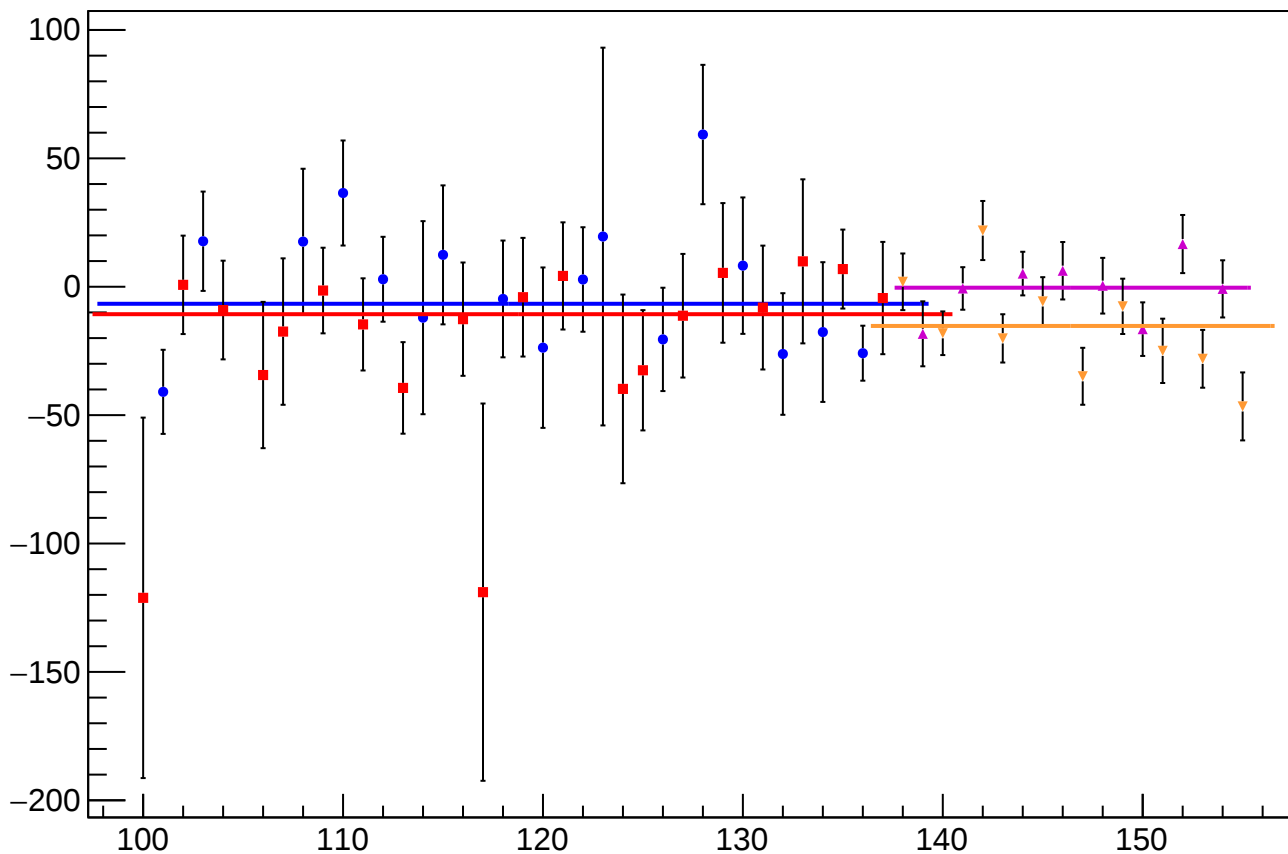
Right Out: 7691.398 $\pm$ 2.093 χ^2/NDF : 686898.9/19

Left In: 7043.463 $\pm$ 1.984 χ^2/NDF : 392461.8/7

7402.234 $\pm$ 1.430 χ^2/NDF : 1079412.0/26

7350.230 $\pm$ 1.440 χ^2/NDF : 1129840.1/27

diff_bpm4ecX_mean vs Slug



Right In: -6.634 ± 5.101 χ^2/NDF : 23.4/16

Left Out: -15.268 ± 3.354 χ^2/NDF : 25.4/9

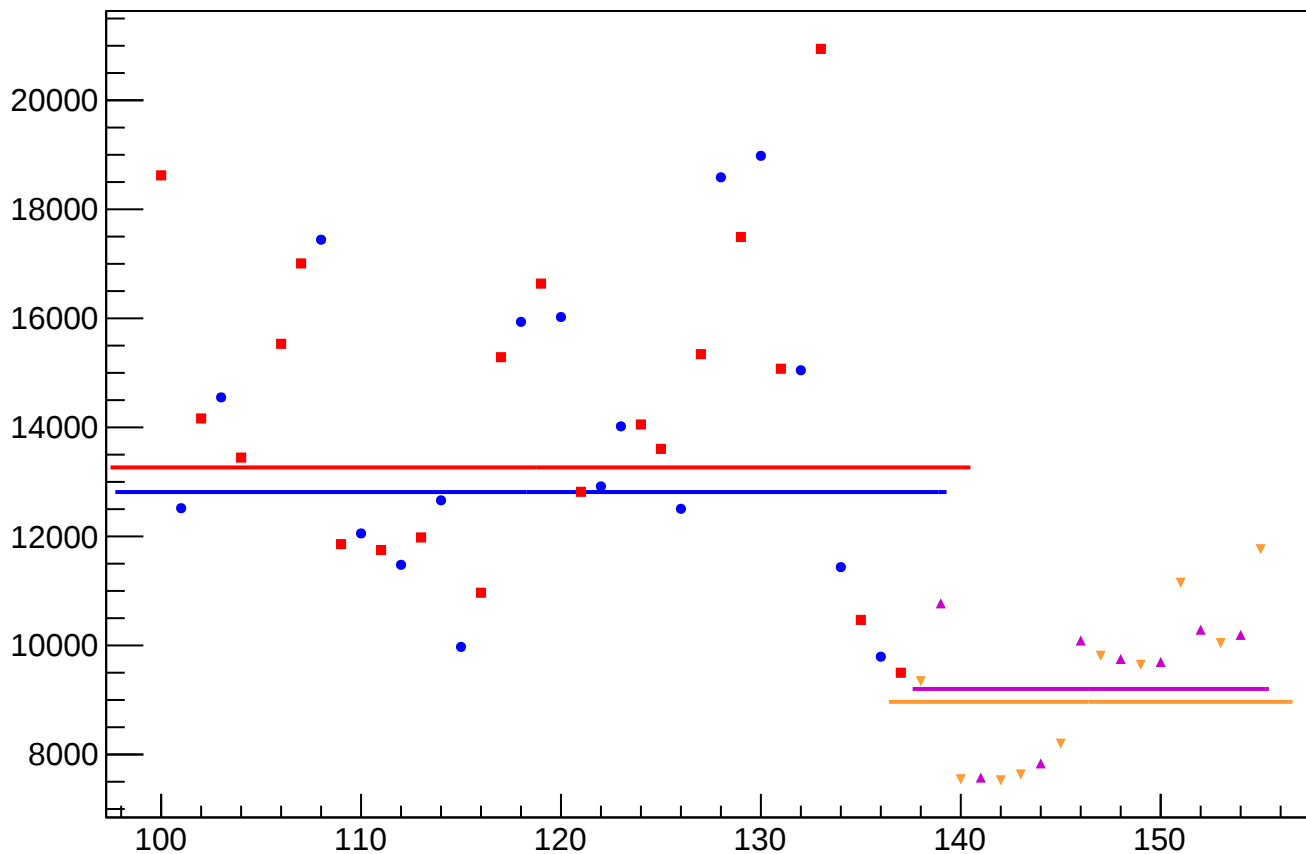
Right Out: -10.688 ± 5.063 χ^2/NDF : 13.0/19

Left In: -0.374 ± 3.622 χ^2/NDF : 7.4/7

-12.662 ± 2.803 χ^2/NDF : 50.8/26

-3.866 ± 2.946 χ^2/NDF : 23.2/27

diff_bpm4ecX_rms vs Slug



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 8965.719+/-2.372 χ^2/NDF : 331173.0/9

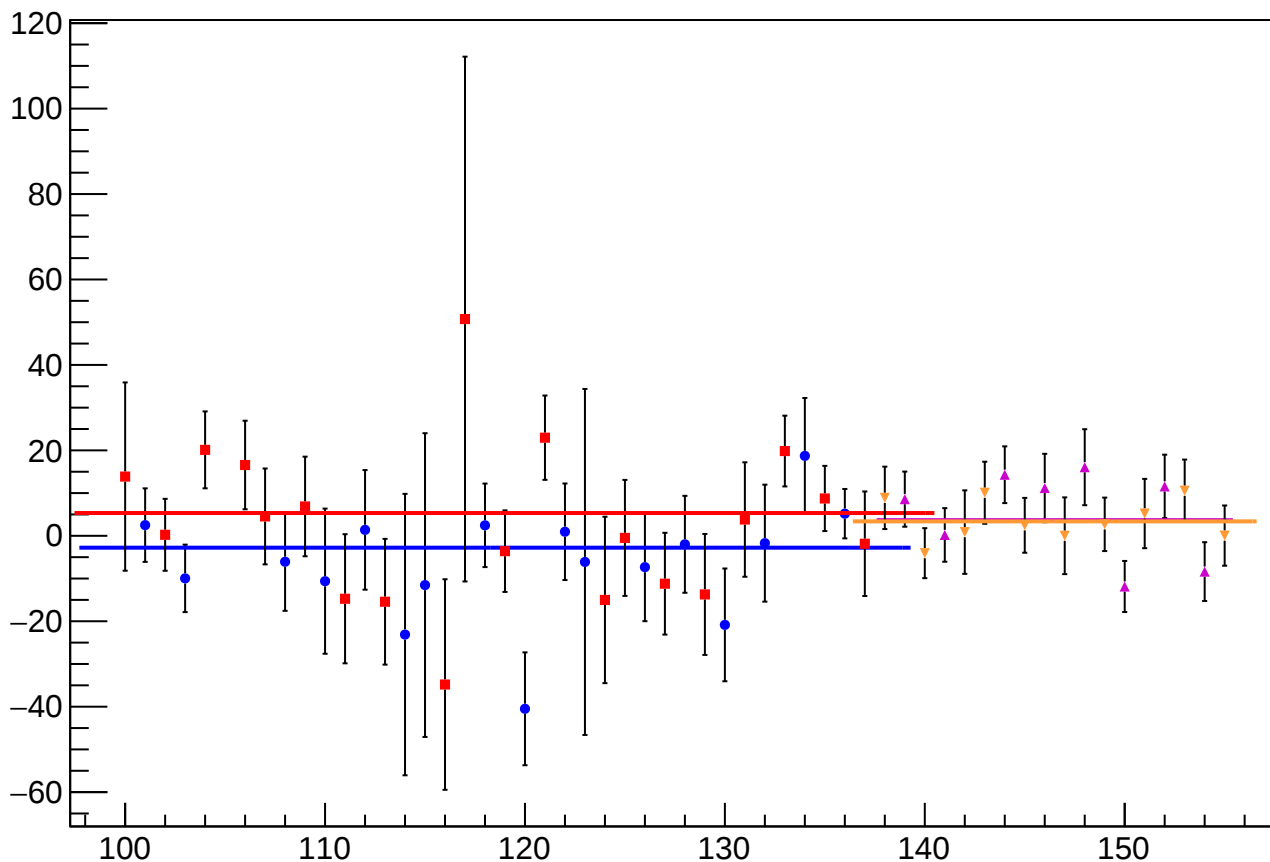
Right Out: 13265.185+/-3.580 χ^2/NDF : 485810.1/19

Left In: 9202.148+/-2.561 χ^2/NDF : 216075.5/7

10127.225+/-1.982 χ^2/NDF : 1673785.9/26

10577.644+/-2.083 χ^2/NDF : 1553942.1/27

diff_bpm4ecY_mean vs Slug



Right In: -2.778 ± 2.747 $\chi^2/\text{NDF}: 17.0/16$

Left Out: 3.381 ± 2.272 $\chi^2/\text{NDF}: 4.5/9$

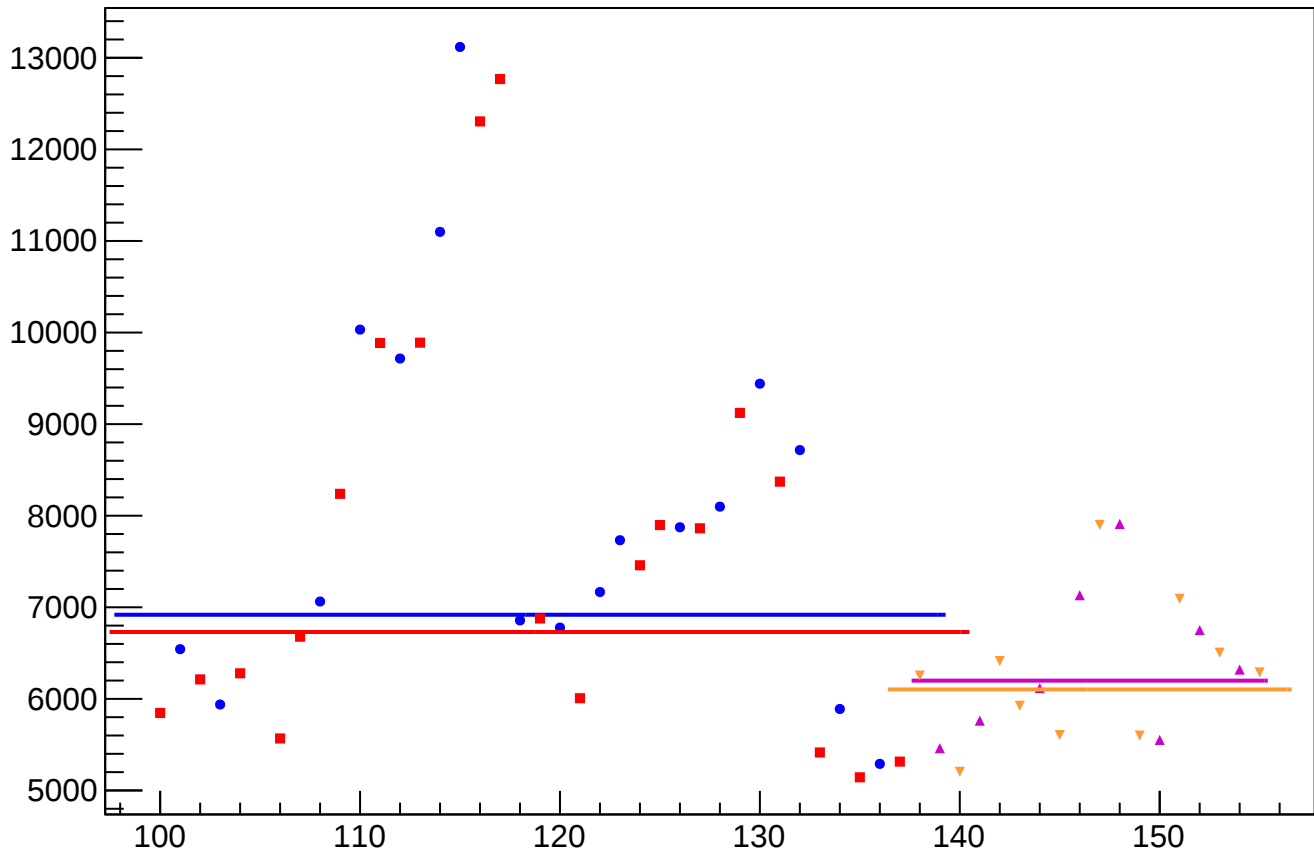
Right Out: 5.332 ± 2.587 $\chi^2/\text{NDF}: 24.1/19$

Left In: 3.663 ± 2.443 $\chi^2/\text{NDF}: 17.2/7$

0.879 ± 1.751 $\chi^2/\text{NDF}: 24.5/26$

4.450 ± 1.776 $\chi^2/\text{NDF}: 41.5/27$

diff_bpm4ecY_rms vs Slug



Right In: 6918.554+/-1.943 χ^2/NDF : 587976.6/16

Left Out: 6103.122+/-1.606 χ^2/NDF : 193618.5/9

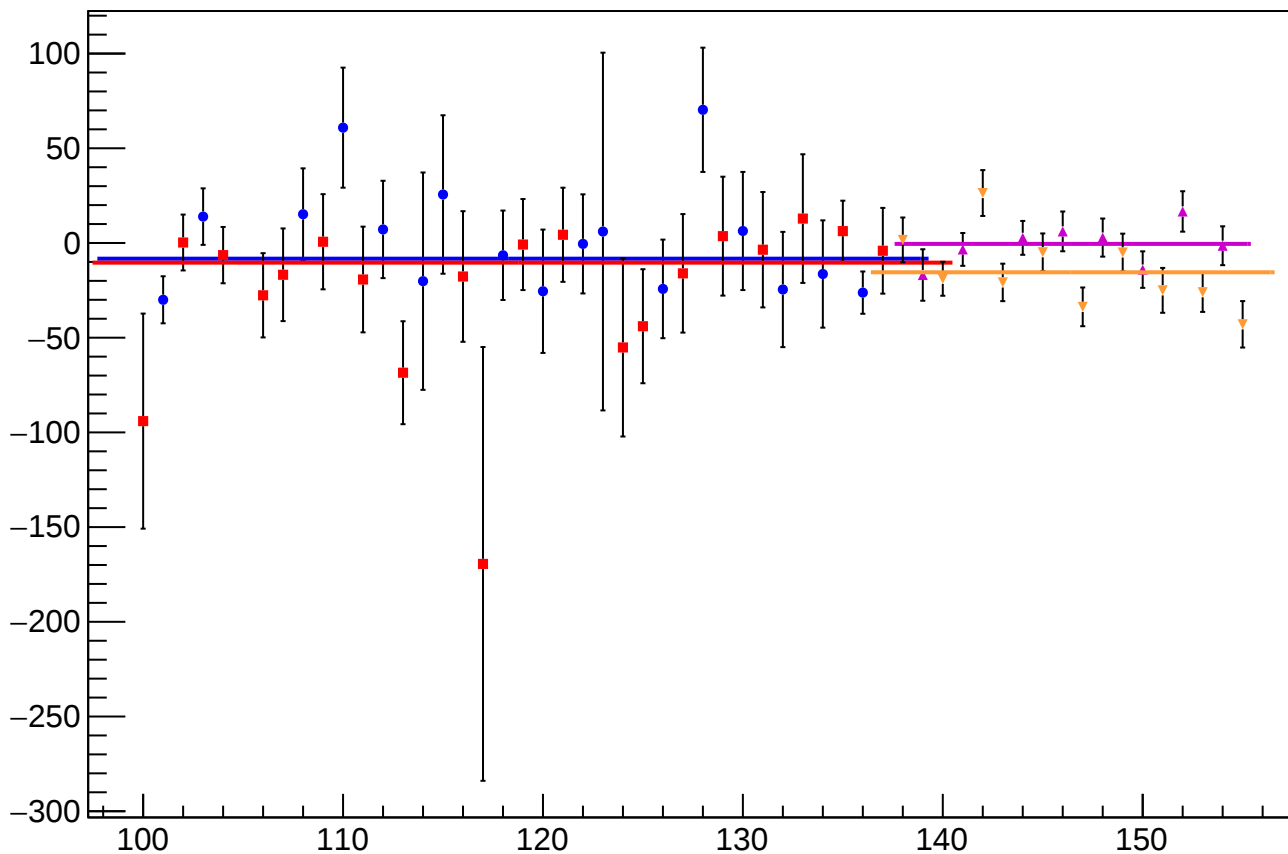
Right Out: 6730.137+/-1.830 χ^2/NDF : 673193.1/19

Left In: 6199.083+/-1.727 χ^2/NDF : 172430.6/7

6434.316+/-1.238 χ^2/NDF : 886239.8/26

6449.351+/-1.256 χ^2/NDF : 890173.1/27

diff_bpm1X_mean vs Slug



Right In: -8.286 ± 5.410 χ^2/NDF : 21.7/16

Left Out: -15.470 ± 3.342 χ^2/NDF : 26.6/9

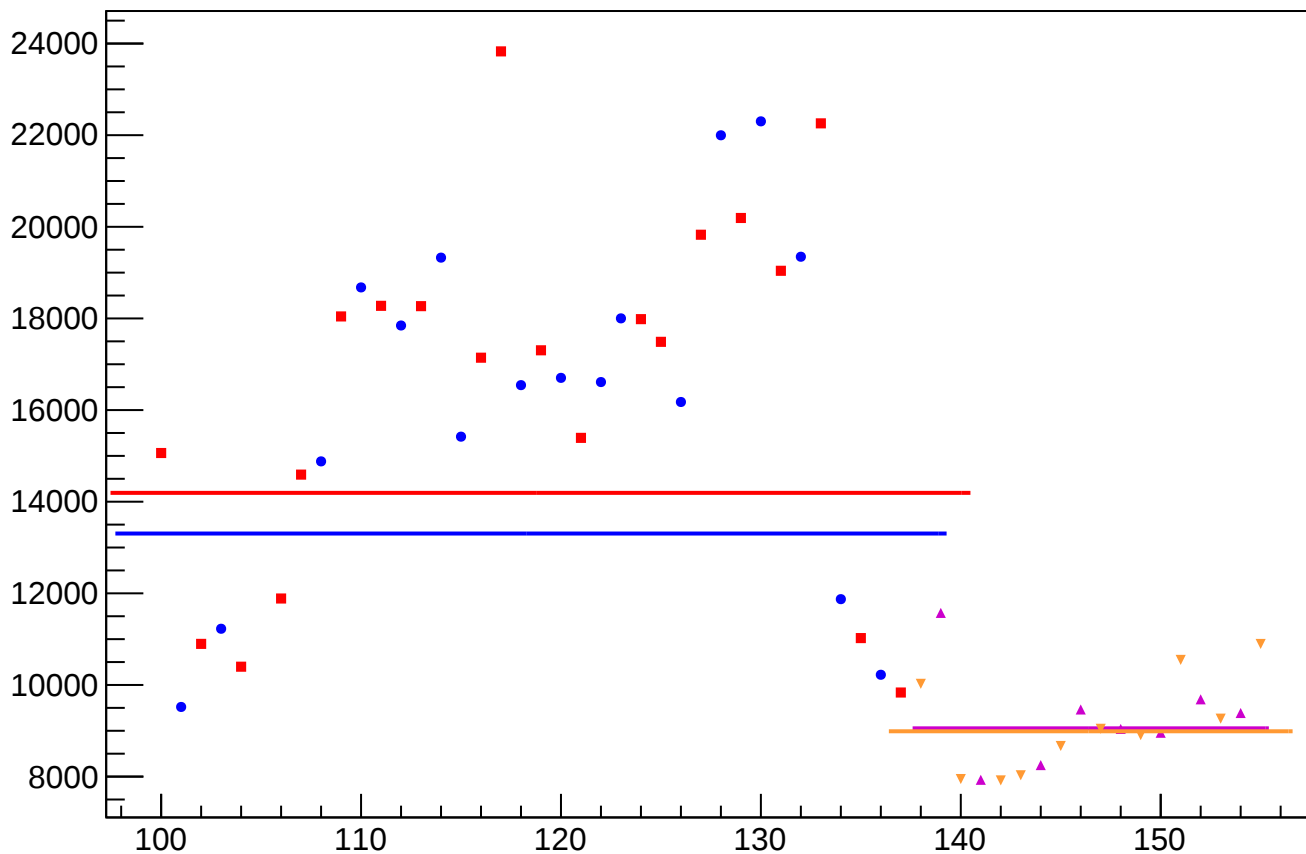
Right Out: -10.376 ± 5.507 χ^2/NDF : 14.8/19

Left In: -0.478 ± 3.553 χ^2/NDF : 6.8/7

-13.486 ± 2.843 χ^2/NDF : 49.6/26

-3.387 ± 2.985 χ^2/NDF : 23.9/27

diff_bpm1X_rms vs Slug



Right In: 13305.410+/-3.826 χ^2/NDF : 1044091.1/16

Left Out: 8989.208+/-2.363 χ^2/NDF :163619.1/9

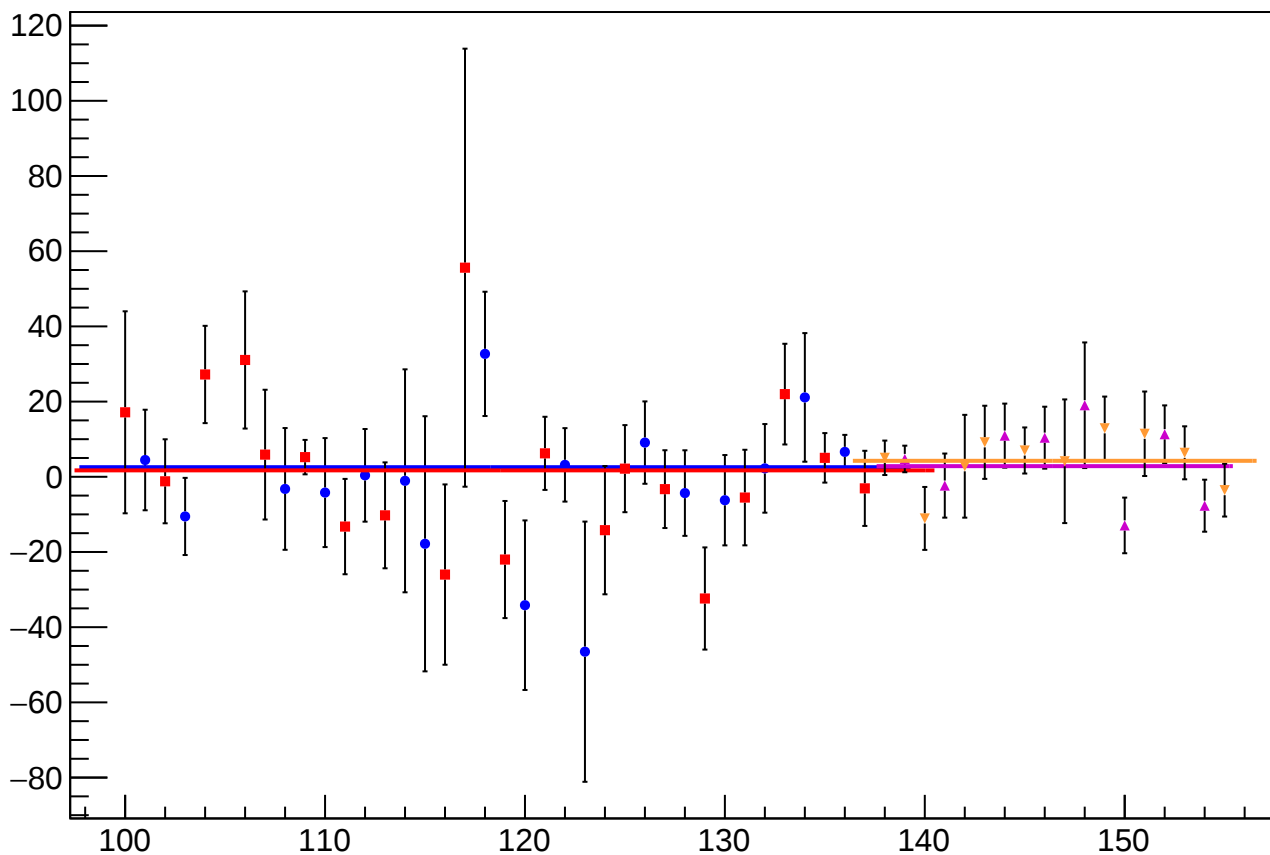
Right Out: 14193.006+/-3.894 χ^2/NDF : 944809.1/19

Left In: 9053.404+/-2.512 χ^2/NDF :130870.8/7

10181.344+/-2.011 χ^2/NDF : 2129082.8/26

10563.839+/-2.111 χ^2/NDF : 2305897.1/27

diff_bpm1Y_mean vs Slug



Right In: 2.551+/-2.757 χ^2/NDF : 13.6/16

Left Out: 4.248+/-2.421 χ^2/NDF : 6.6/9

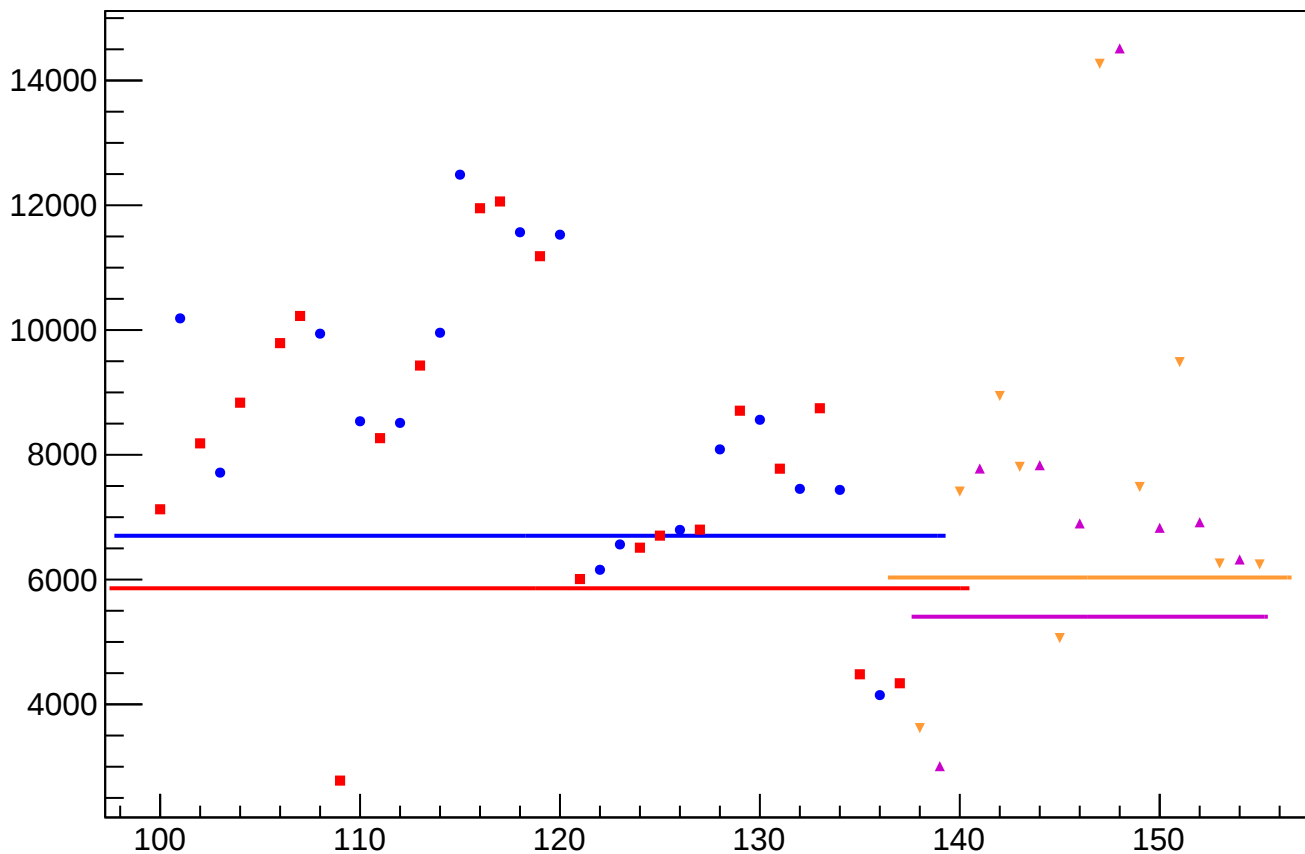
Right Out: 1.708+/-2.440 χ^2/NDF : 24.9/19

Left In: 2.830+/-2.343 χ^2/NDF : 11.4/7

3.509+/-1.819 χ^2/NDF : 20.5/26

2.292+/-1.690 χ^2/NDF : 36.4/27

diff_bpm1Y_rms vs Slug



Right In: 6702.245+/-1.949 χ^2/NDF : 1389956.8/16

Left Out: 6033.411+/-1.712 χ^2/NDF :1570393.9/9

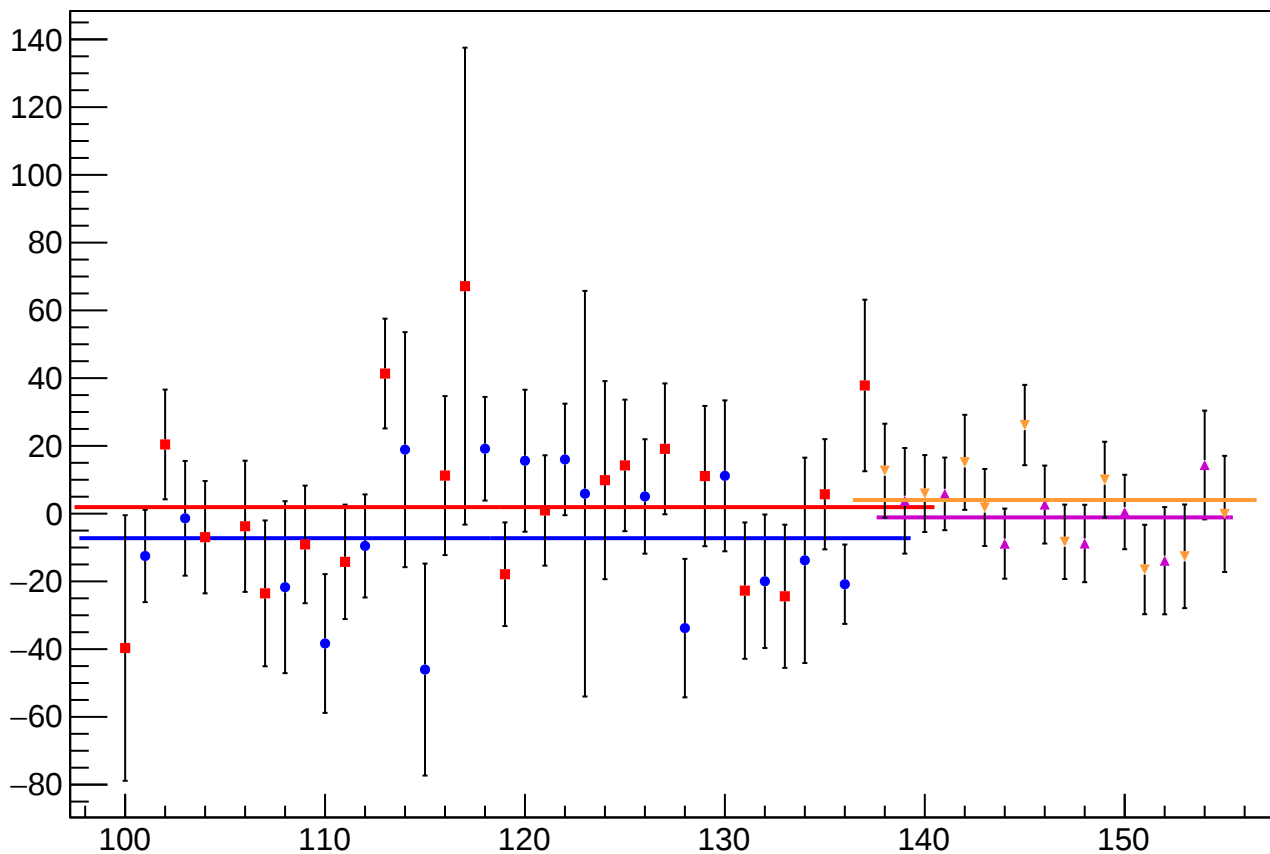
Right Out: 5860.505+/-1.725 χ^2/NDF : 2301163.3/19

Left In: 5404.745+/-1.657 χ^2/NDF :2084581.8/7

6324.644+/-1.286 χ^2/NDF : 3026812.6/26

5623.418+/-1.195 χ^2/NDF : 4422039.1/27

diff_bpm11X_mean vs Slug



Right In: -7.245 ± 4.547 χ^2/NDF : 15.9/16

Left Out: 4.019 ± 3.997 χ^2/NDF : 9.8/9

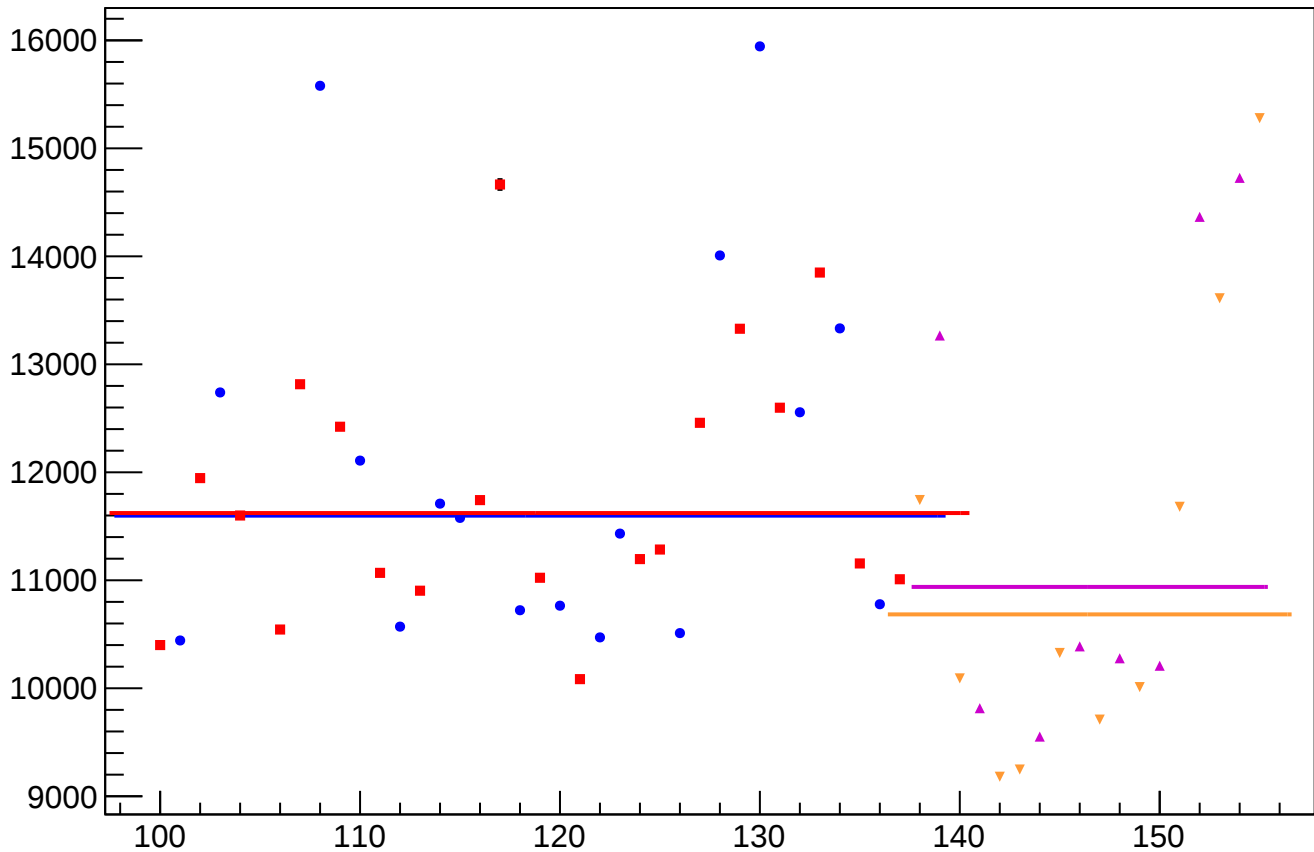
Right Out: 1.922 ± 4.365 χ^2/NDF : 20.7/19

Left In: -1.108 ± 4.323 χ^2/NDF : 3.2/7

-0.891 ± 3.002 χ^2/NDF : 29.2/26

0.393 ± 3.071 χ^2/NDF : 24.2/27

diff_bpm11X_rms vs Slug



Right In: 11598.751+/-3.215 χ^2/NDF : 235423.8/16

Left Out: 10684.274+/-2.826 χ^2/NDF : 325100.3/9

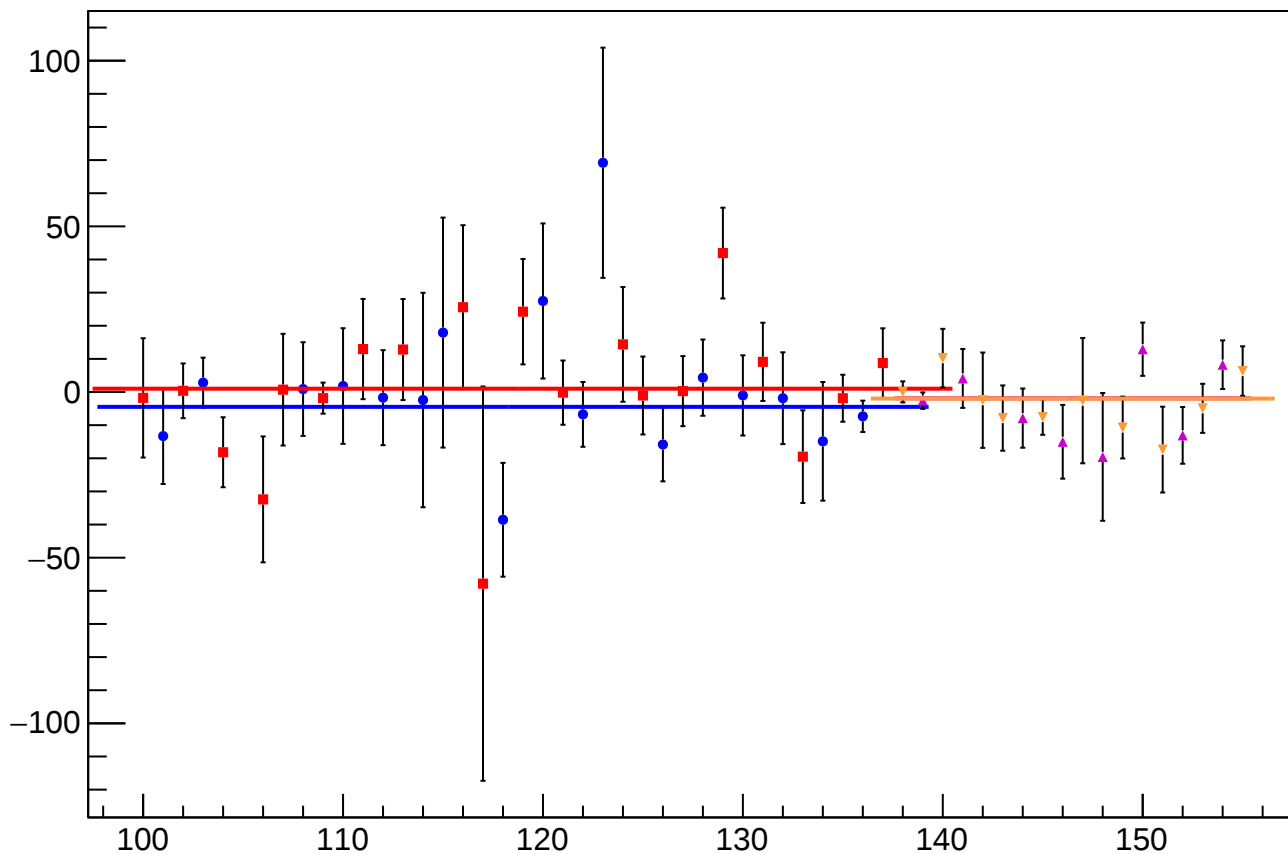
11082.892+/-2.123 χ^2/NDF : 606159.1/26

Right Out: 11622.681+/-3.086 χ^2/NDF : 98197.0/19

11277.387+/-2.172 χ^2/NDF : 450703.5/27

Left In: 10938.631+/-3.057 χ^2/NDF : 327708.5/7

diff_bpm11Y_mean vs Slug



Right In: -4.476 ± 2.782 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -1.980 ± 2.141 $\chi^2/\text{NDF}: 7.4/9$

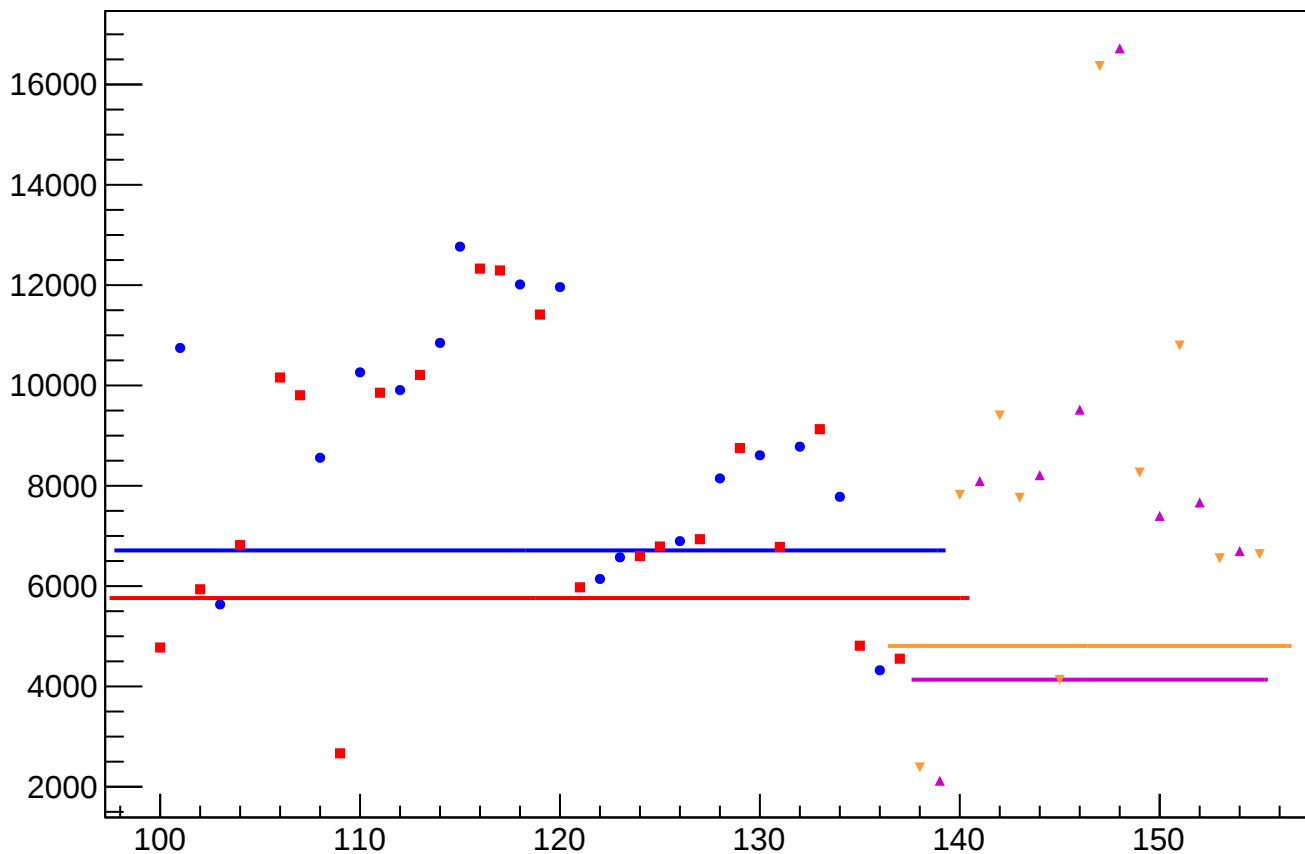
Right Out: 1.007 ± 2.427 $\chi^2/\text{NDF}: 25.0/19$

Left In: -1.907 ± 2.021 $\chi^2/\text{NDF}: 10.2/7$

-2.908 ± 1.696 $\chi^2/\text{NDF}: 22.8/26$

-0.713 ± 1.553 $\chi^2/\text{NDF}: 36.1/27$

diff_bpm11Y_rms vs Slug



Right In: 6711.550+/-1.967 χ^2/NDF : 1446972.0/16

Left Out: 4807.286+/-1.514 χ^2/NDF : 3491624.4/9

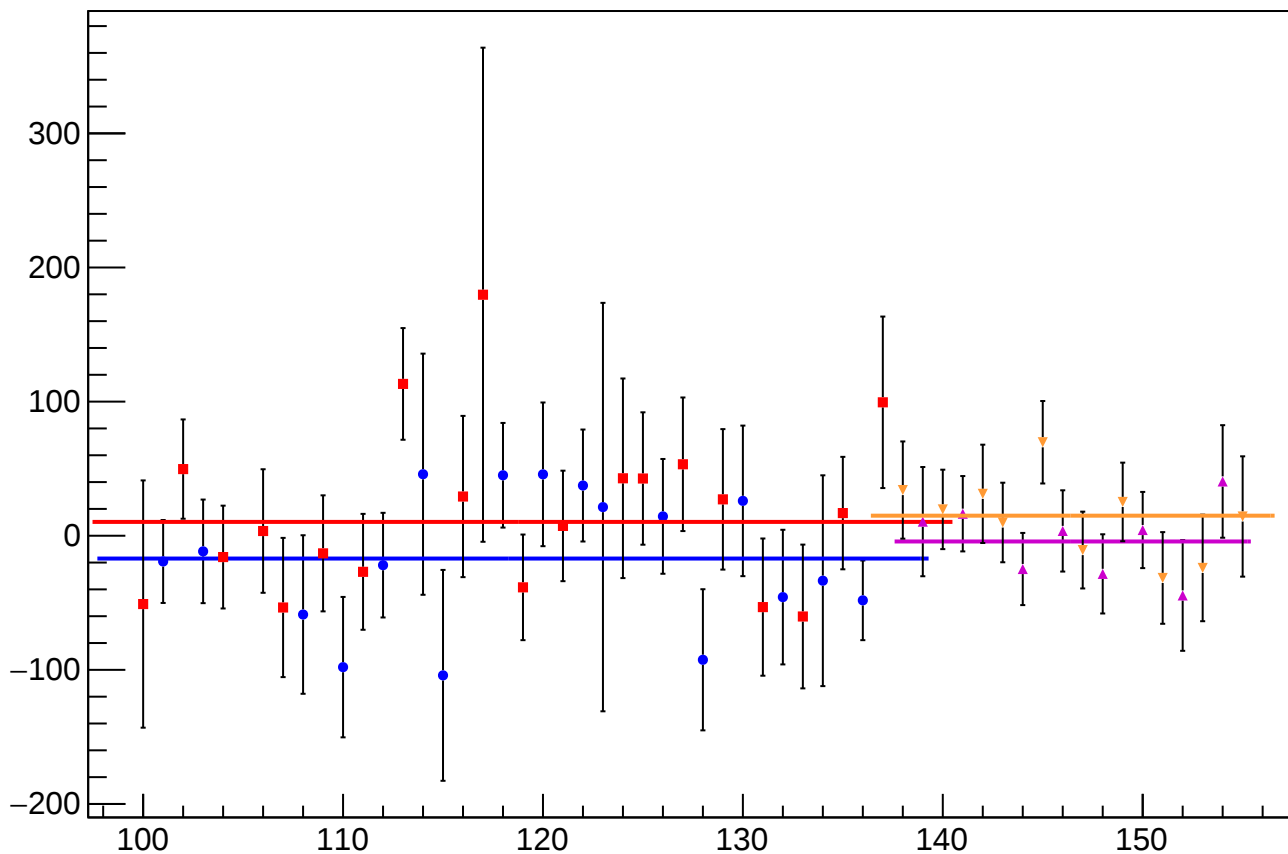
Right Out: 5762.387+/-1.716 χ^2/NDF : 2189239.7/19

Left In: 4135.312+/-1.429 χ^2/NDF : 4354905.4/7

5515.549+/-1.200 χ^2/NDF : 5527264.6/26

4801.704+/-1.098 χ^2/NDF : 7074905.0/27

diff_bpm12X_mean vs Slug



Right In: -17.010 ± 11.287 χ^2/NDF : 15.0/16

Left Out: 14.960 ± 10.419 χ^2/NDF : 7.4/9

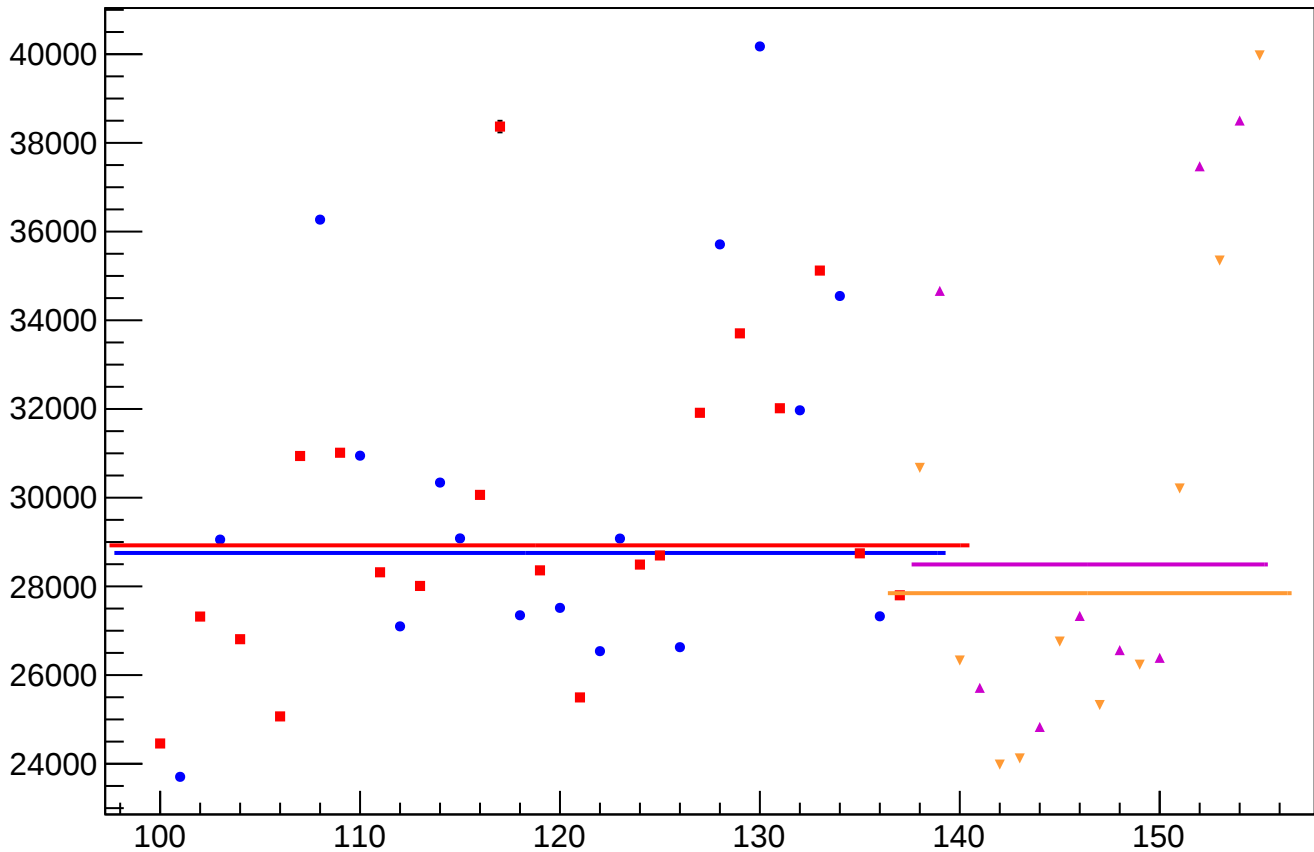
Right Out: 10.311 ± 10.872 χ^2/NDF : 19.9/19

Left In: -4.279 ± 11.264 χ^2/NDF : 4.2/7

0.251 ± 7.656 χ^2/NDF : 26.7/26

3.275 ± 7.823 χ^2/NDF : 25.0/27

diff_bpm12X_rms vs Slug



Right In: 28753.787+/-7.981 χ^2/NDF : 249215.1/16

Left Out: 27846.800+/-7.368 χ^2/NDF : 322260.8/9

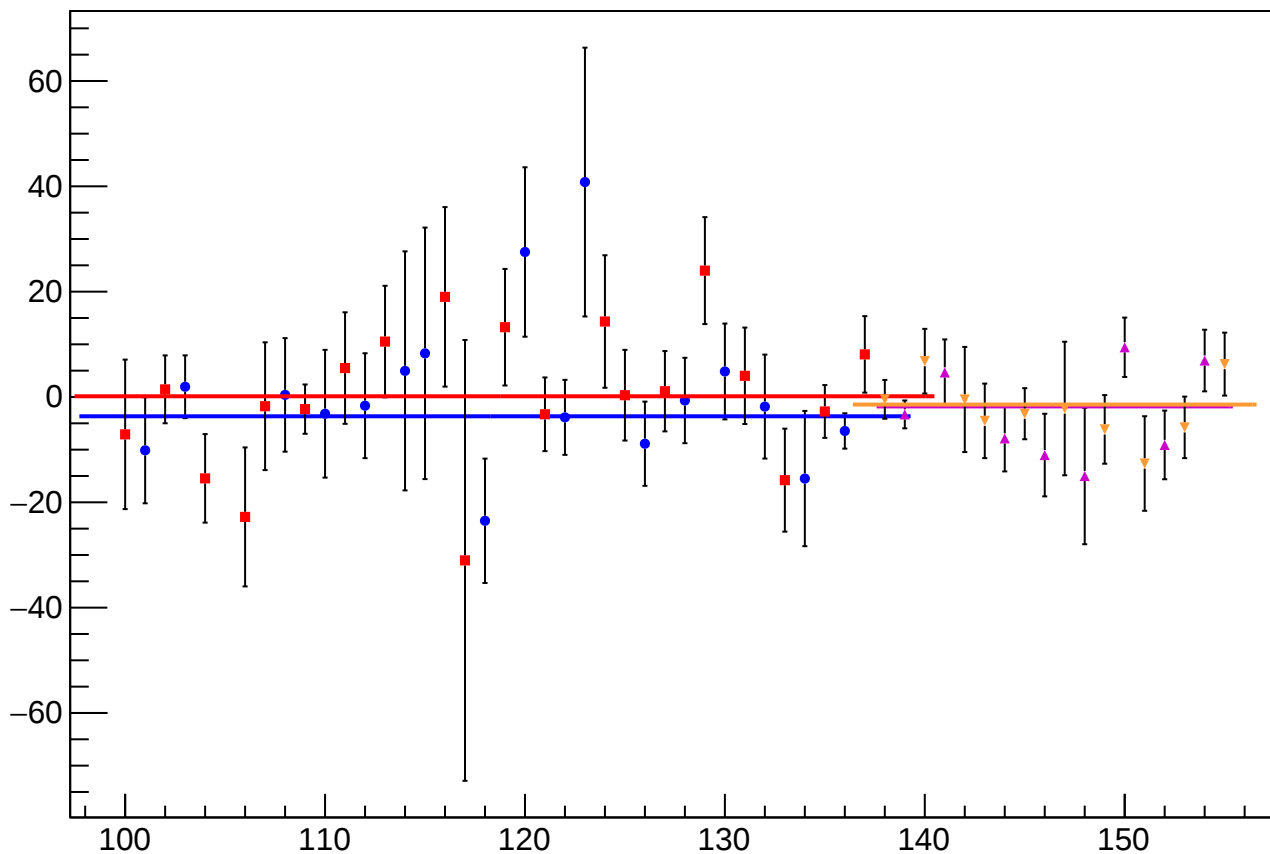
Right Out: 28925.160+/-7.687 χ^2/NDF : 116514.7/19

Left In: 28494.643+/-7.965 χ^2/NDF : 333469.9/7

28264.094+/-5.414 χ^2/NDF : 578448.4/26

28717.530+/-5.531 χ^2/NDF : 451497.2/27

diff_bpm12Y_mean vs Slug



Right In: -3.668+/-2.010 χ^2/NDF : 14.5/16

Left Out: -1.441+/-1.917 χ^2/NDF : 6.5/9

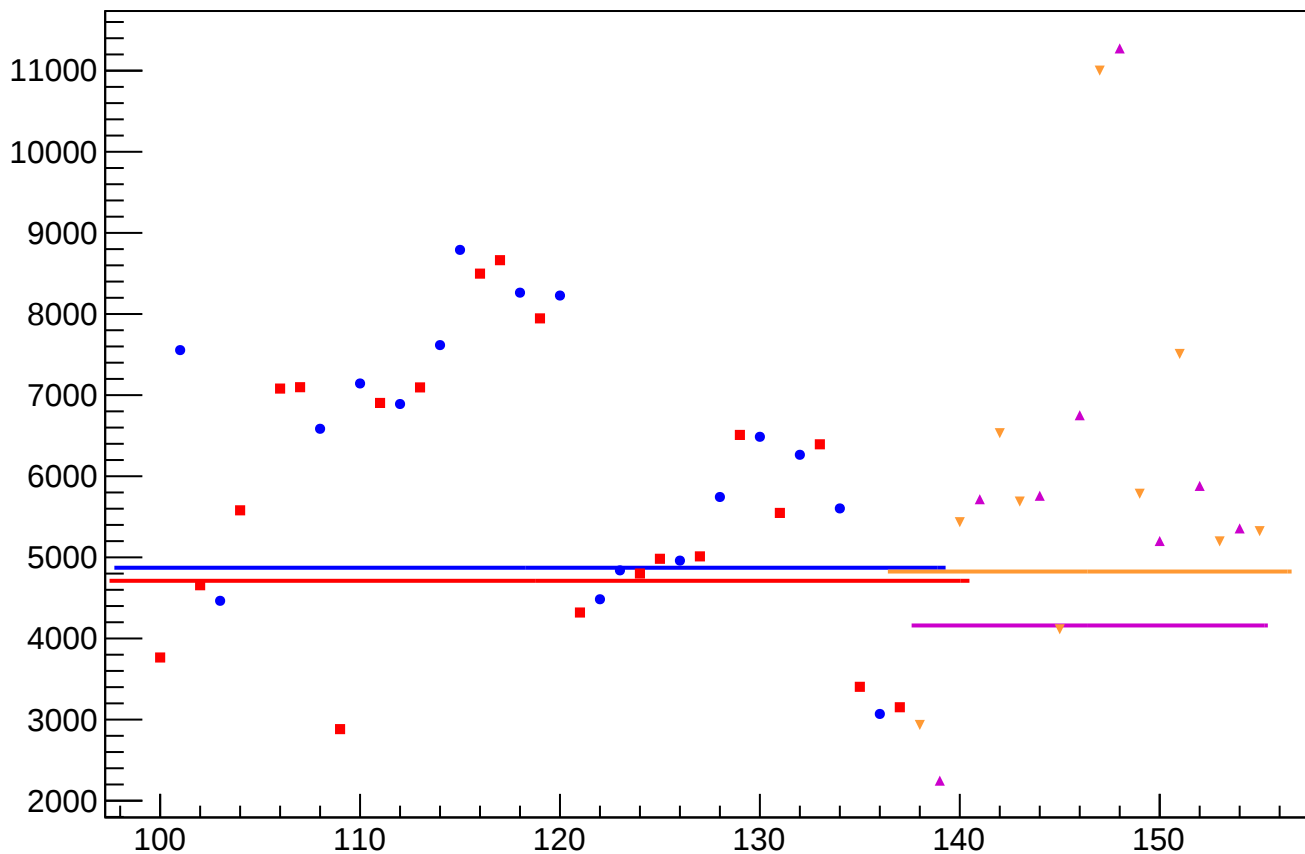
Right Out: 0.135+/-1.891 χ^2/NDF : 22.9/19

Left In: -1.791+/-1.825 χ^2/NDF : 12.2/7

-2.502+/-1.387 χ^2/NDF : 21.6/26

-0.862+/-1.313 χ^2/NDF : 35.6/27

diff_bpm12Y_rms vs Slug



Right In: 4872.105+/-1.421 χ^2/NDF : 1405253.2/16

Left Out: 4825.328+/-1.355 χ^2/NDF :1395971.2/9

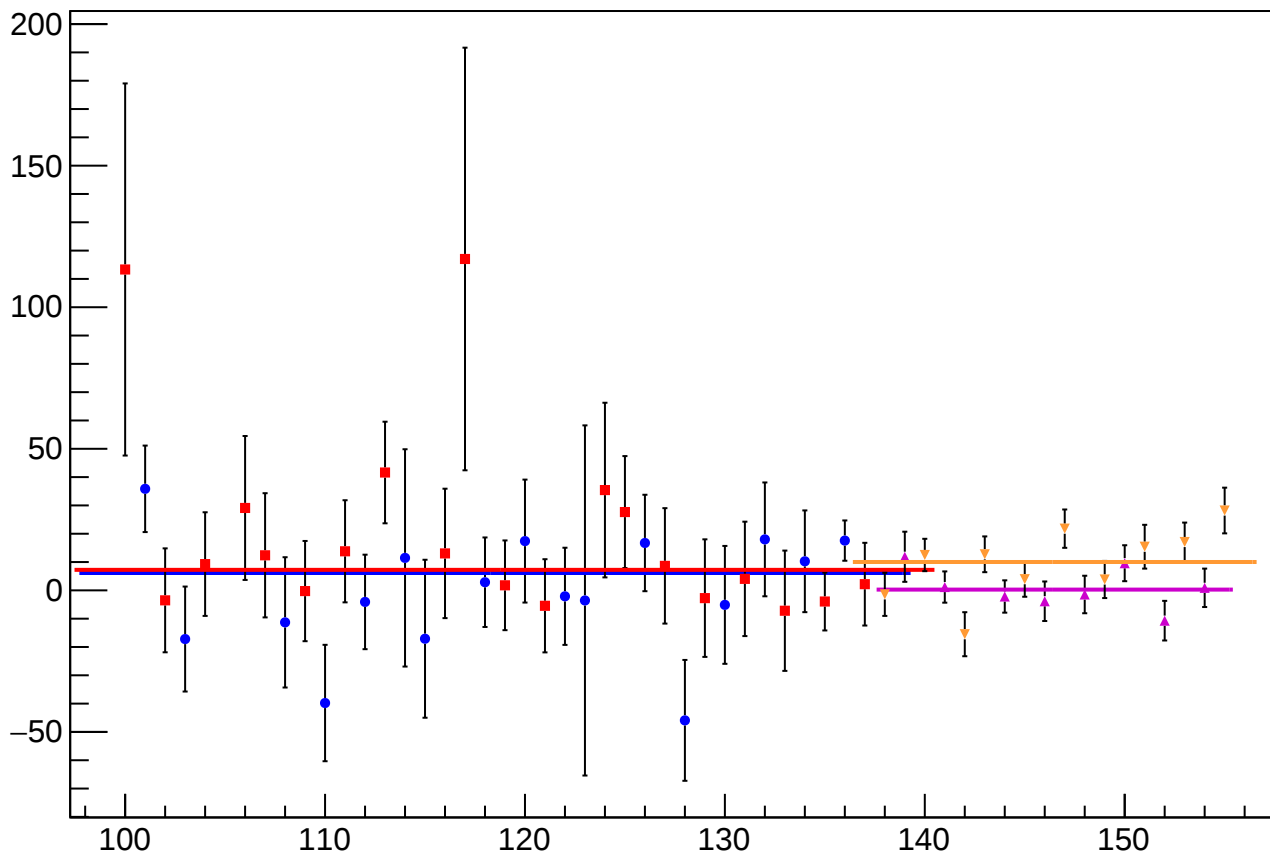
Right Out: 4711.077+/-1.337 χ^2/NDF : 1330595.4/19

Left In: 4160.344+/-1.291 χ^2/NDF :2411917.9/7

4847.609+/-0.981 χ^2/NDF : 2801791.7/26

4425.987+/-0.929 χ^2/NDF : 3830352.6/27

diff_bpm16X_mean vs Slug



Right In: 6.133+/-4.080 χ^2/NDF : 22.2/16

Left Out: 10.019+/-2.163 χ^2/NDF : 24.9/9

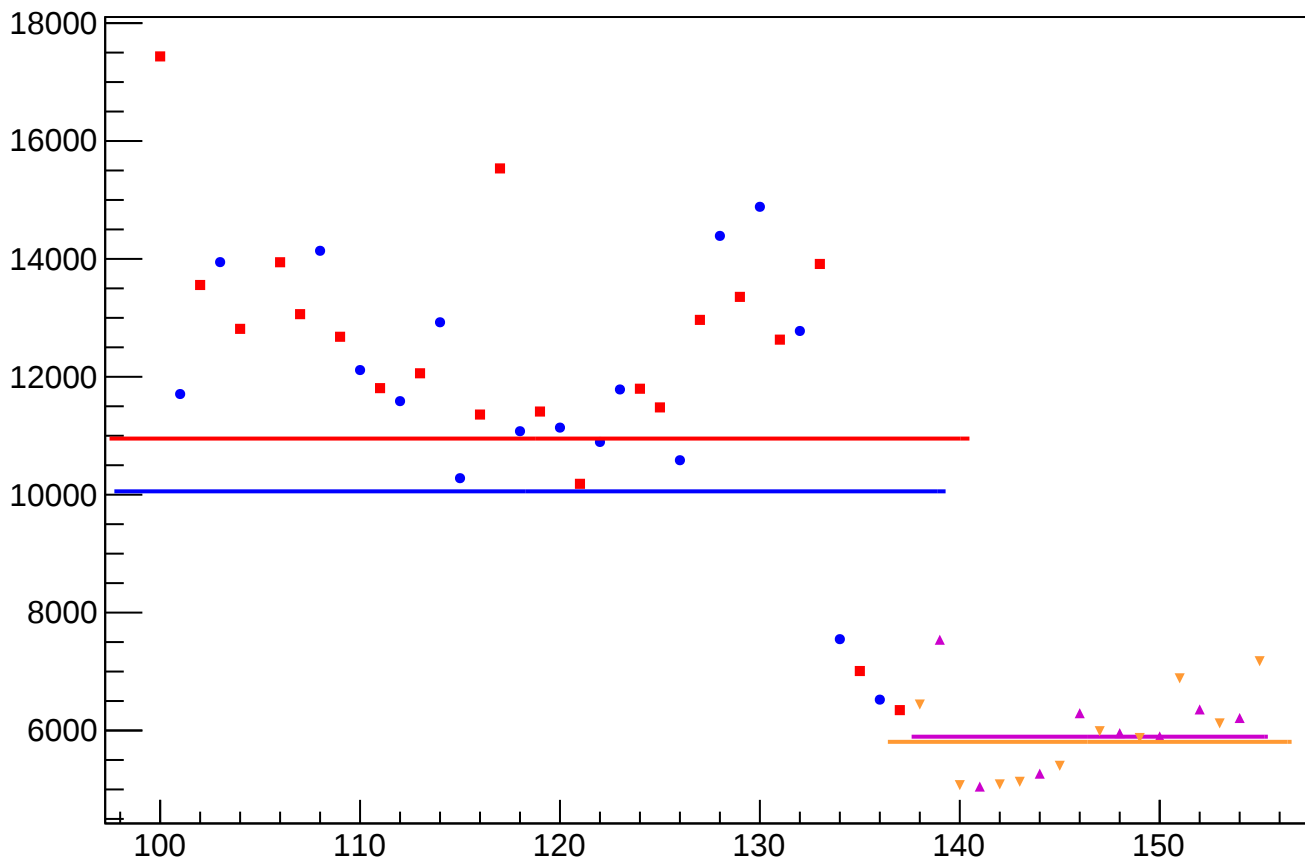
Right Out: 7.243+/-4.218 χ^2/NDF : 14.6/19

Left In: 0.269+/-2.316 χ^2/NDF : 7.0/7

9.167+/-1.911 χ^2/NDF : 47.8/26

1.884+/-2.030 χ^2/NDF : 23.7/27

diff_bpm16X_rms vs Slug



Right In: 10056.991 $\pm$ 2.885 χ^2 /NDF: 1002872.6/16

Left Out: 5807.699 $\pm$ 1.529 χ^2 /NDF:197685.9/9

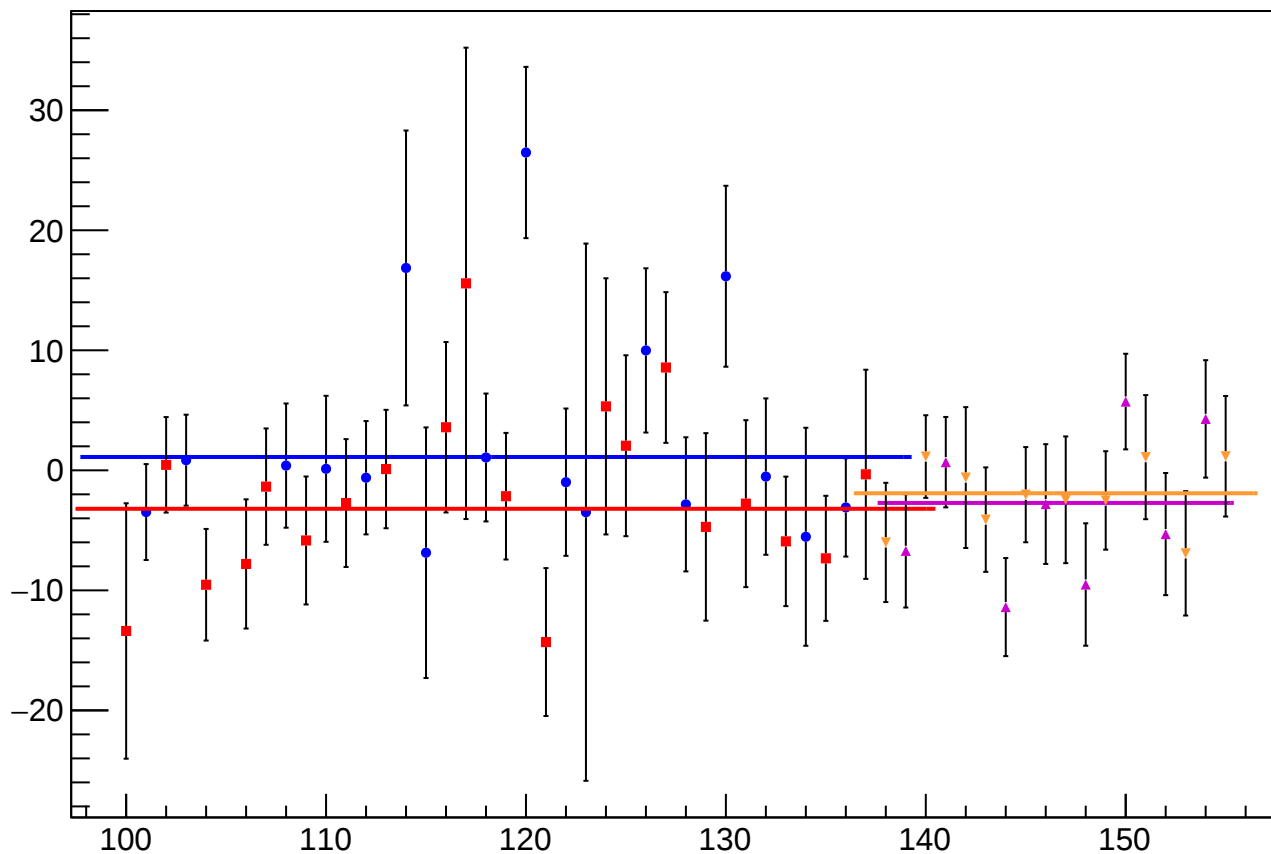
Right Out: 10952.255 $\pm$ 2.982 χ^2 /NDF: 770474.3/19

Left In: 5894.952 $\pm$ 1.637 χ^2 /NDF:159935.0/7

6739.739 $\pm$ 1.351 χ^2 /NDF: 2893970.1/26

7066.288 $\pm$ 1.435 χ^2 /NDF: 3139972.6/27

diff_bpm16Y_mean vs Slug



Right In: 1.112 ± 1.403 χ^2/NDF : 24.6/16

Left Out: -1.911 ± 1.443 χ^2/NDF : 3.5/9

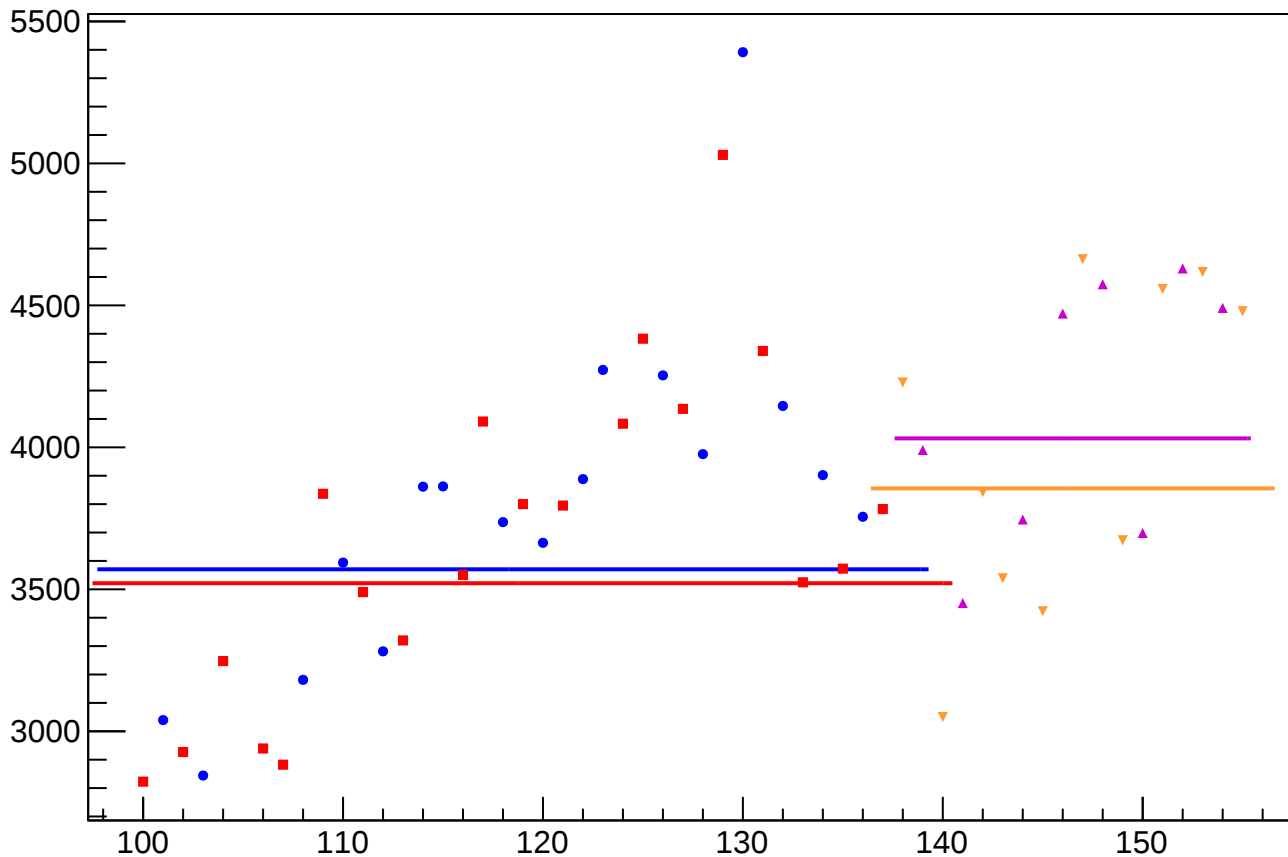
Right Out: -3.204 ± 1.331 χ^2/NDF : 16.0/19

Left In: -2.717 ± 1.586 χ^2/NDF : 14.6/7

-0.357 ± 1.006 χ^2/NDF : 30.3/26

-3.003 ± 1.019 χ^2/NDF : 30.7/27

diff_bpm16Y_rms vs Slug



Right In: 3570.481+/-0.992 χ^2/NDF : 309699.2/16

Left Out: 3855.406+/-1.021 χ^2/NDF : 316990.8/9

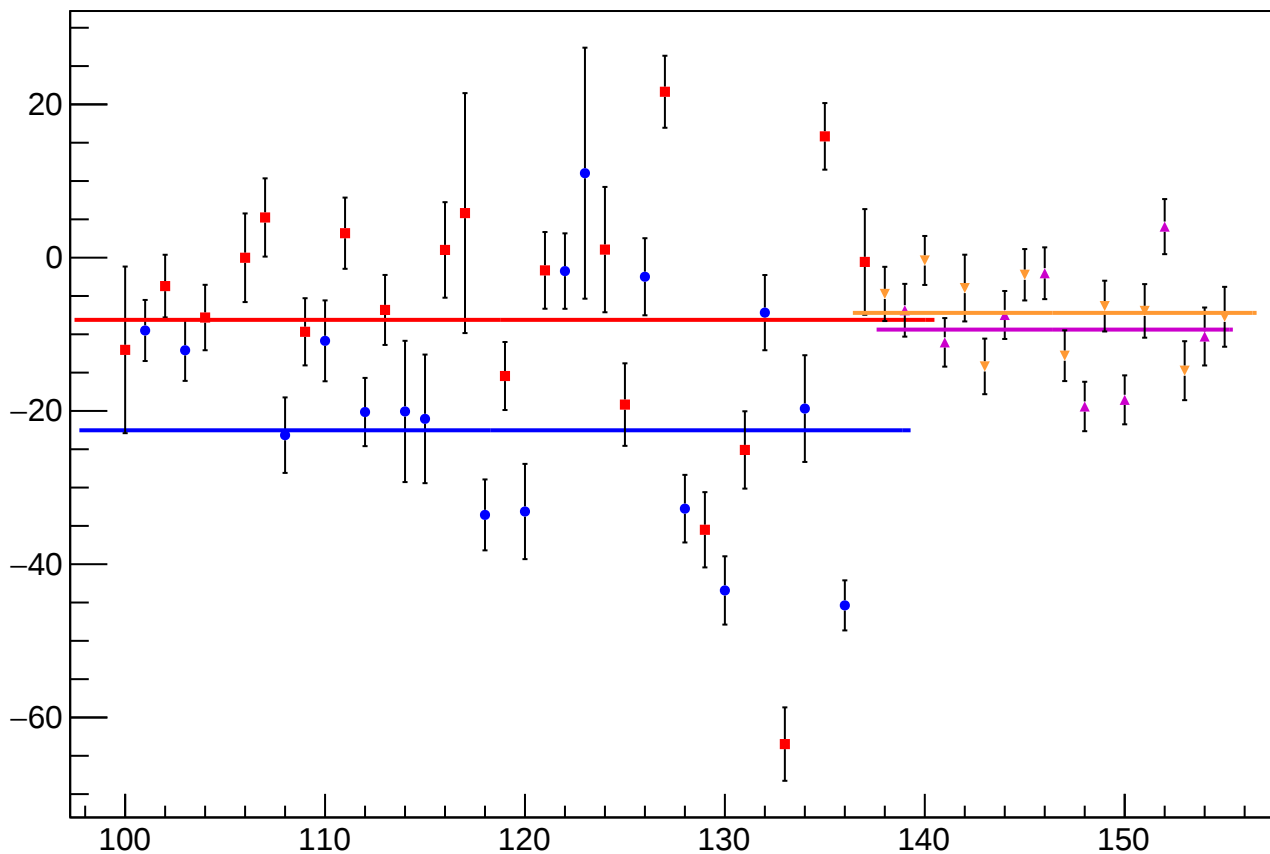
Right Out: 3521.513+/-0.941 χ^2/NDF : 295082.3/19

Left In: 4031.622+/-1.122 χ^2/NDF : 154796.5/7

3708.898+/-0.711 χ^2/NDF : 666771.3/26

3732.159+/-0.721 χ^2/NDF : 571270.8/27

diff_bpm0l01X_mean vs Slug



Right In: -22.526 ± 1.201 χ^2/NDF : 155.5/16

Left Out: -7.205 ± 1.123 χ^2/NDF : 18.3/9

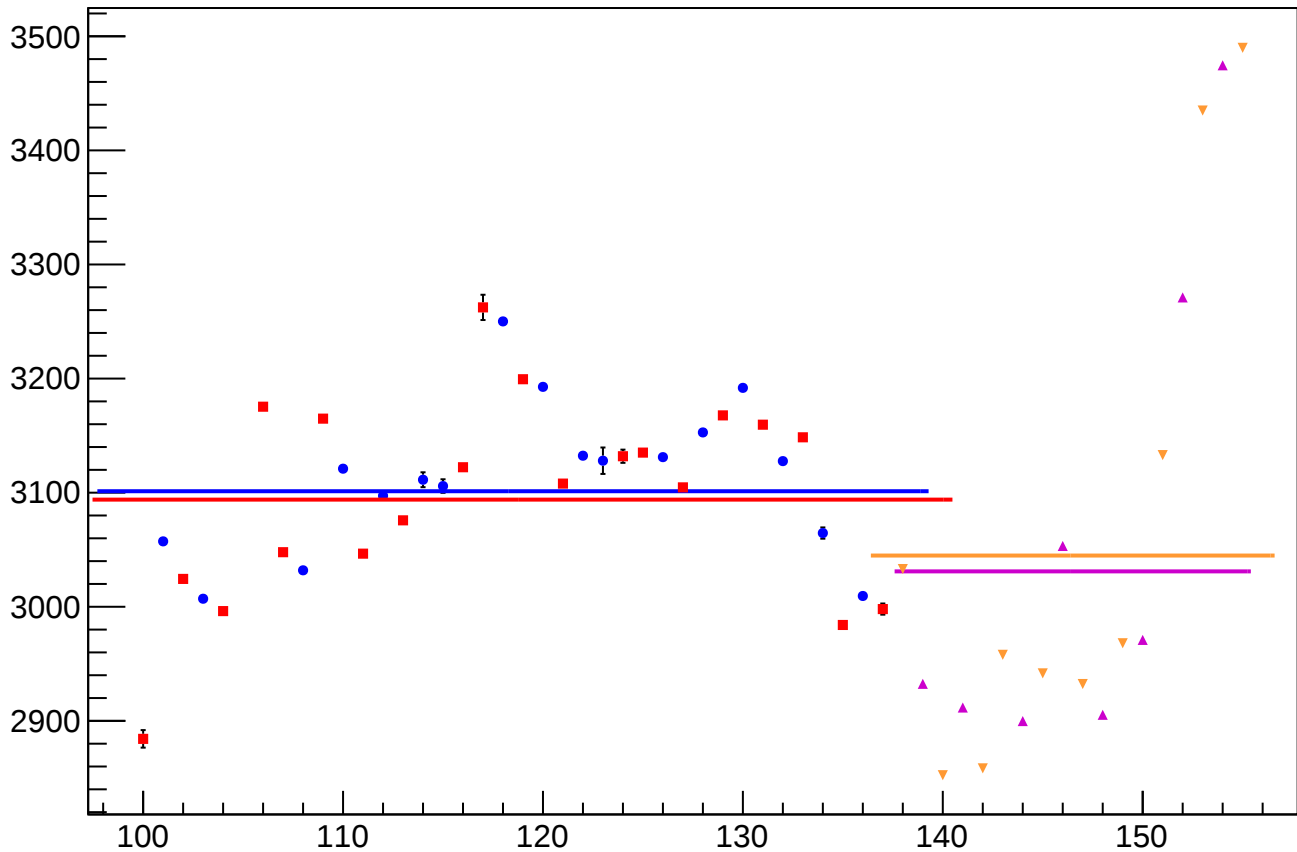
Right Out: -8.116 ± 1.154 χ^2/NDF : 276.6/19

Left In: -9.386 ± 1.183 χ^2/NDF : 37.9/7

-14.356 ± 0.820 χ^2/NDF : 260.7/26

-8.735 ± 0.826 χ^2/NDF : 315.1/27

diff_bpm0l01X_rms vs Slug



Right In: 3101.270+/-0.849 χ^2 /NDF: 7233.8/16

Left Out: 3044.895+/-0.794 χ^2 /NDF:65148.1/9

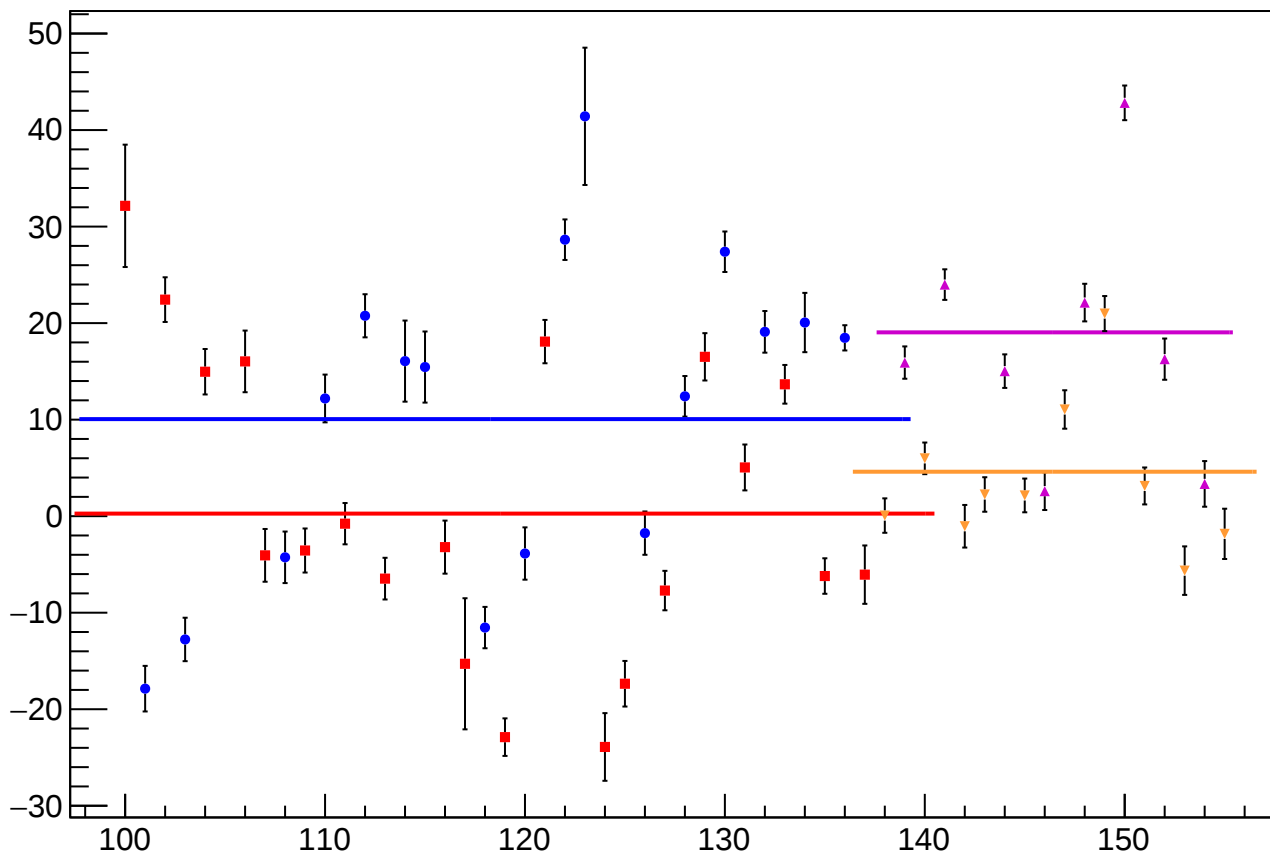
Right Out: 3093.913+/-0.816 χ^2 /NDF: 7998.9/19

Left In: 3031.019+/-0.836 χ^2 /NDF:48266.2/7

3071.208+/-0.580 χ^2 /NDF: 74733.6/26

3063.241+/-0.584 χ^2 /NDF: 59163.6/27

diff_bpm0l01Y_mean vs Slug



Right In: 10.055 $\pm$ 0.562 χ^2/NDF : 692.2/16

Left Out: 4.605 $\pm$ 0.612 χ^2/NDF :132.6/9

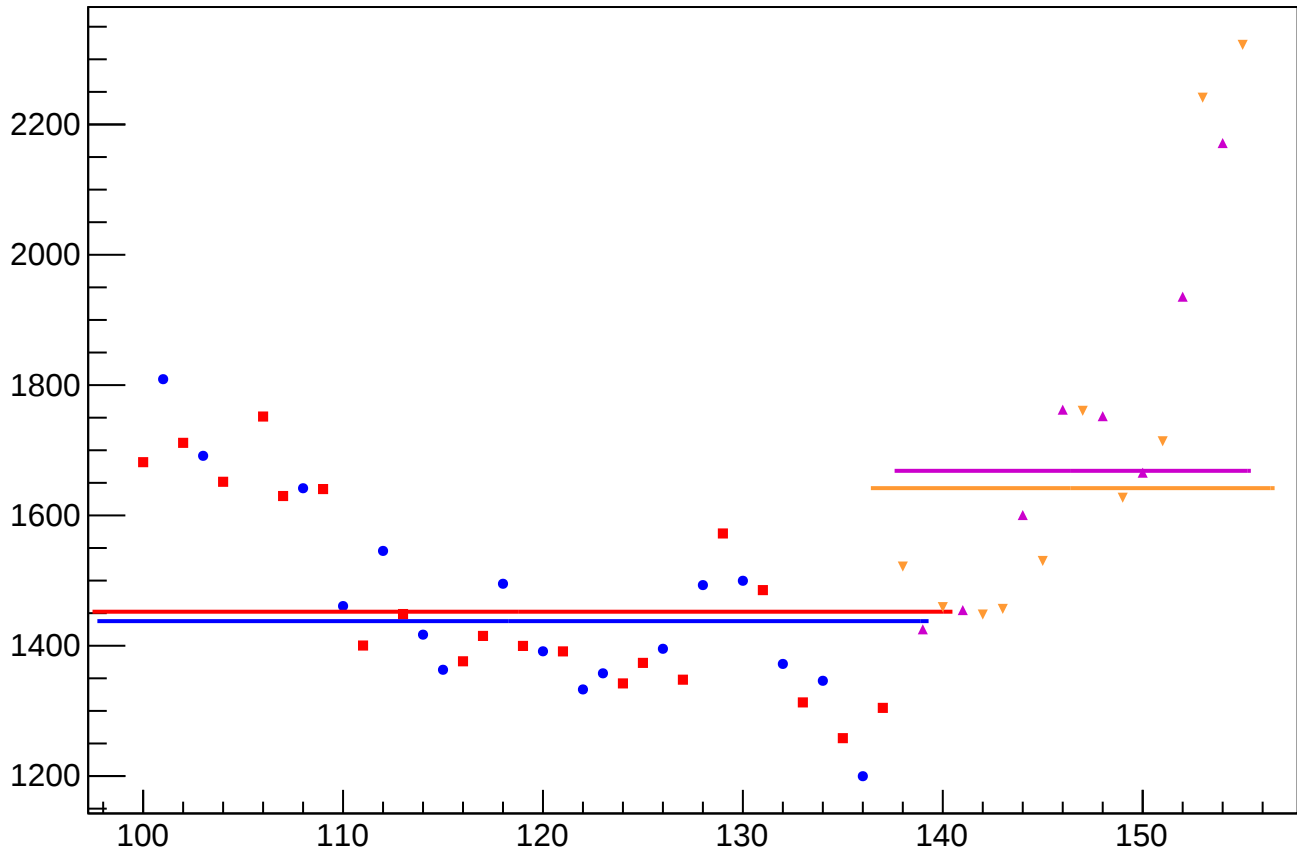
Right Out: 0.266 $\pm$ 0.545 χ^2/NDF : 635.1/19

Left In: 19.043 $\pm$ 0.657 χ^2/NDF :313.0/7

7.565 $\pm$ 0.414 χ^2/NDF : 867.9/26

7.929 $\pm$ 0.419 χ^2/NDF : 1432.0/27

diff_bpm0l01Y_rms vs Slug



Right In: 1437.776 ± 0.397 χ^2/NDF : 173216.2/16

Left Out: 1641.869 ± 0.433 χ^2/NDF : 339337.1/9

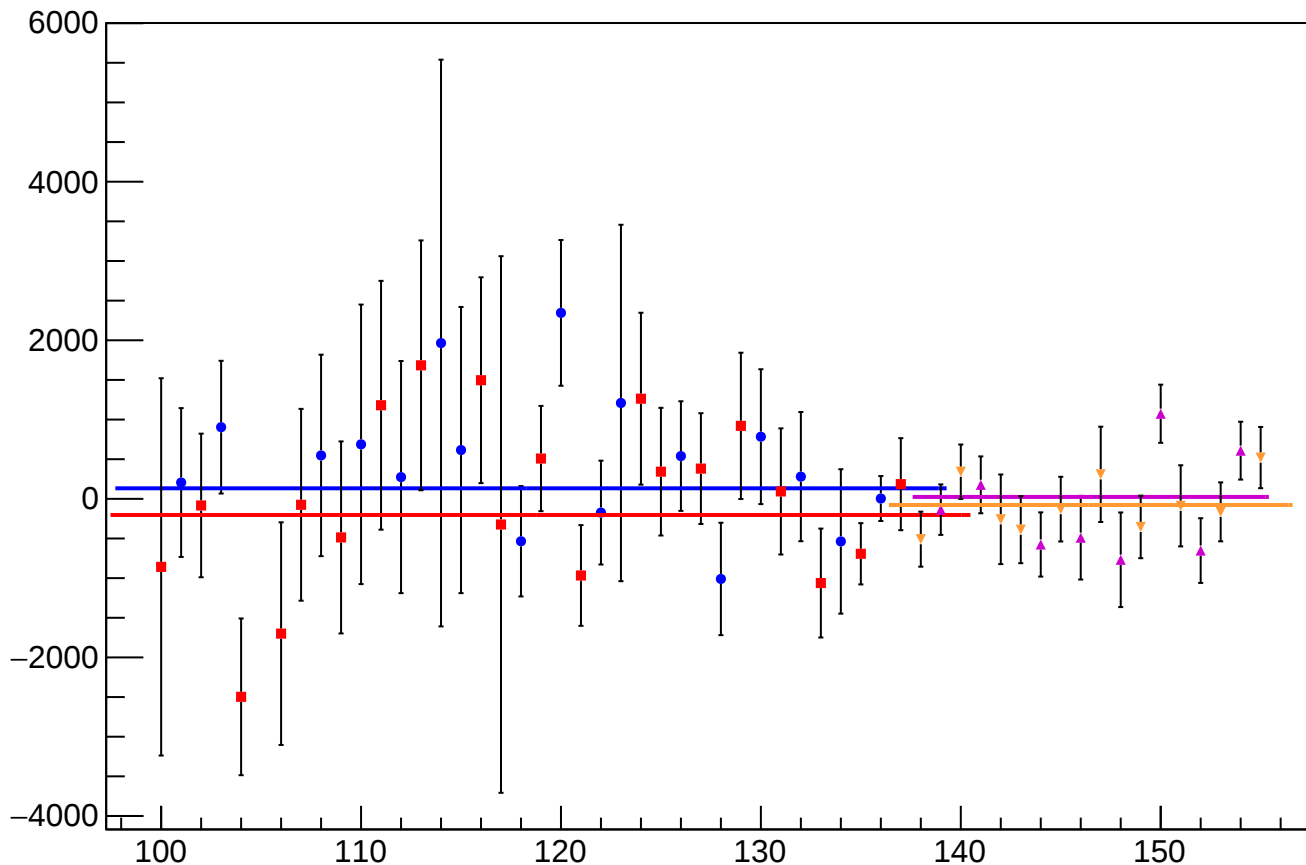
Right Out: 1452.227 ± 0.386 χ^2/NDF : 138666.1/19

Left In: 1668.448 ± 0.464 χ^2/NDF : 211796.5/7

1531.024 ± 0.293 χ^2/NDF : 633215.3/26

1540.466 ± 0.297 χ^2/NDF : 478806.2/27

asym_sam1_mean vs Slug



Right In: 132.921 $\pm$ 180.271 χ^2 /NDF: 12.9/16

Left Out: -77.490 $\pm$ 130.766 χ^2 /NDF: 7.1/9

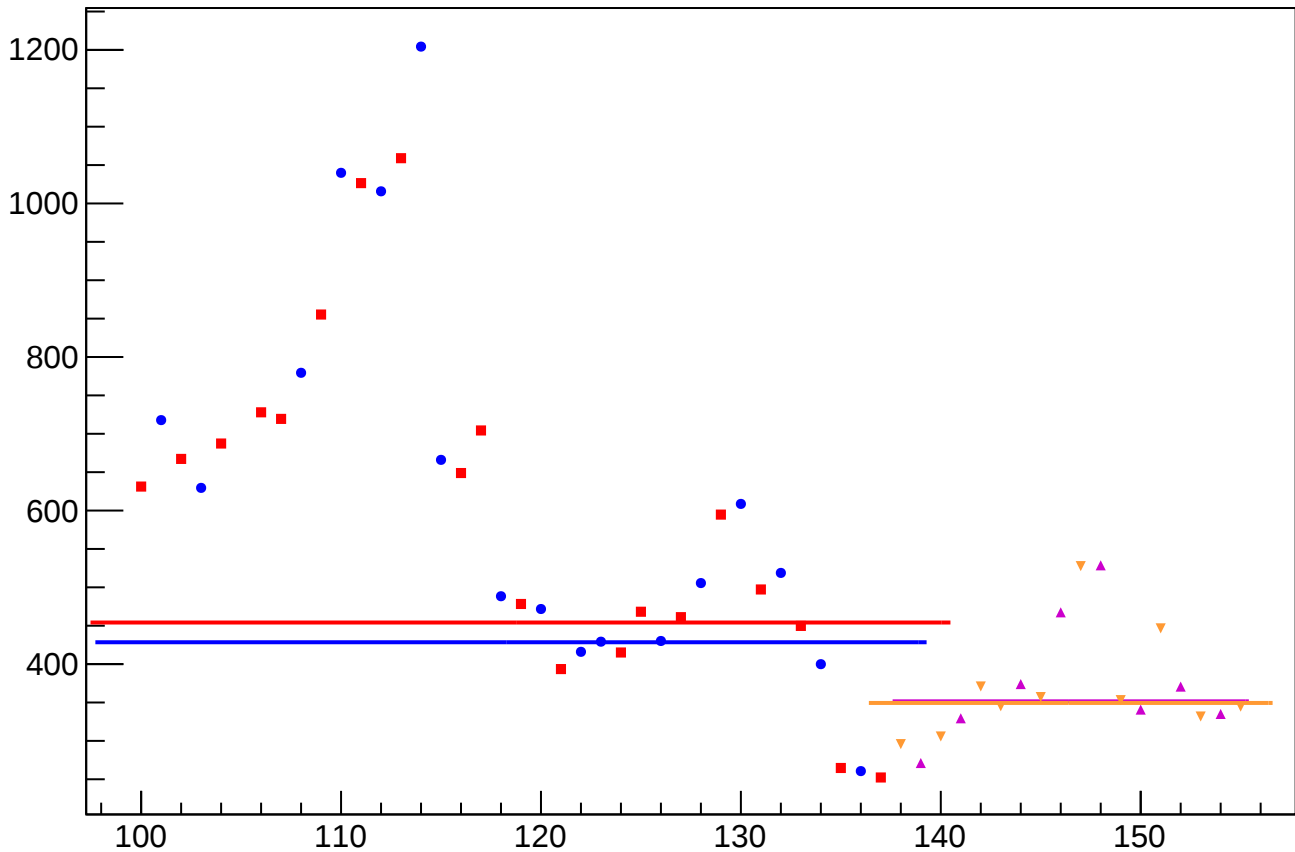
Right Out: -203.418 $\pm$ 184.080 χ^2 /NDF: 21.4/19

Left In: 24.220 $\pm$ 139.920 χ^2 /NDF: 18.8/7

-4.946 $\pm$ 105.850 χ^2 /NDF: 20.8/26

-59.139 $\pm$ 111.393 χ^2 /NDF: 41.2/27

asym_sam1_rms vs Slug



Right In: 428.460 $\pm$ 0.127 χ^2 /NDF: 2011453.8/16

Left Out: 349.416 $\pm$ 0.092 χ^2 /NDF:336913.6/9

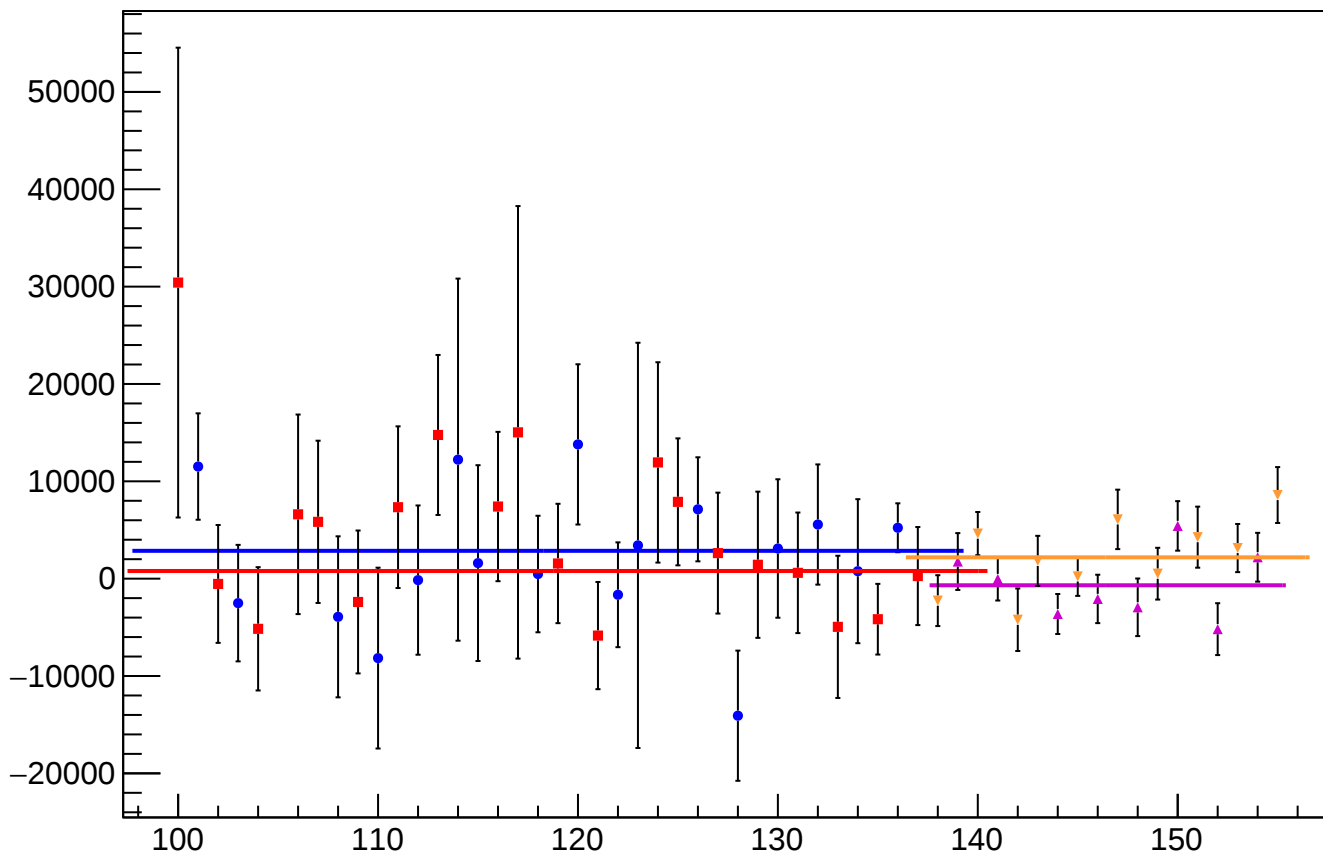
376.668 $\pm$ 0.075 χ^2 /NDF: 2600313.9/26

Right Out: 454.177 $\pm$ 0.130 χ^2 /NDF: 2040775.1/19

389.104 $\pm$ 0.079 χ^2 /NDF: 2859122.7/27

Left In: 351.507 $\pm$ 0.099 χ^2 /NDF:424010.1/7

asym_sam2_mean vs Slug



Right In: 2859.622 $\pm$ 1447.884 χ^2 /NDF: 16.7/16

Left Out: 2189.849 $\pm$ 821.214 χ^2 /NDF: 16.7/9

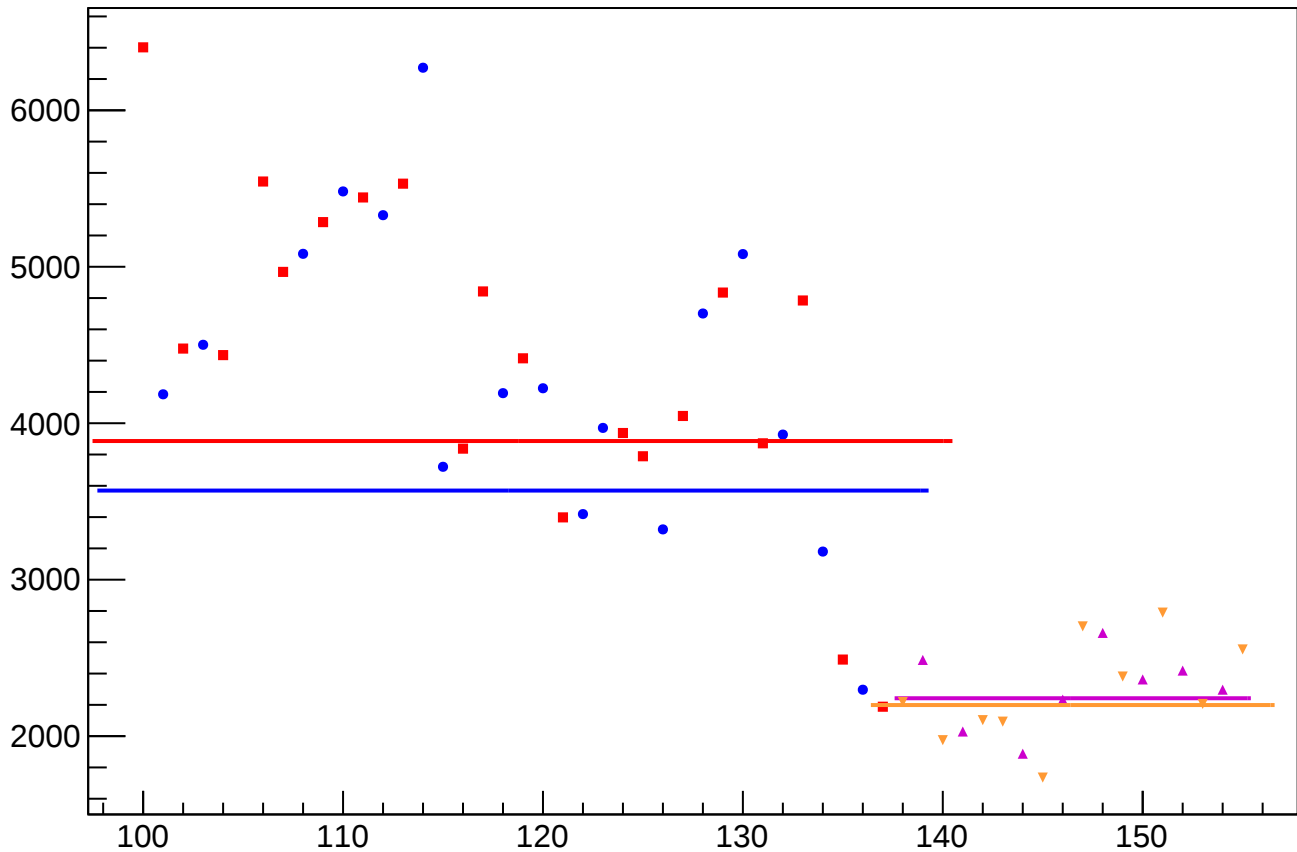
Right Out: 789.608 $\pm$ 1506.053 χ^2 /NDF: 14.4/19

Left In: -679.163 $\pm$ 880.869 χ^2 /NDF: 13.7/7

2352.869 $\pm$ 714.316 χ^2 /NDF: 33.5/26

-304.782 $\pm$ 760.362 χ^2 /NDF: 28.8/27

asym_sam2_rms vs Slug



Right In: 3569.631+/-1.024 χ^2/NDF : 1087935.4/16

Left Out: 2198.777+/-0.581 χ^2/NDF : 298706.7/9

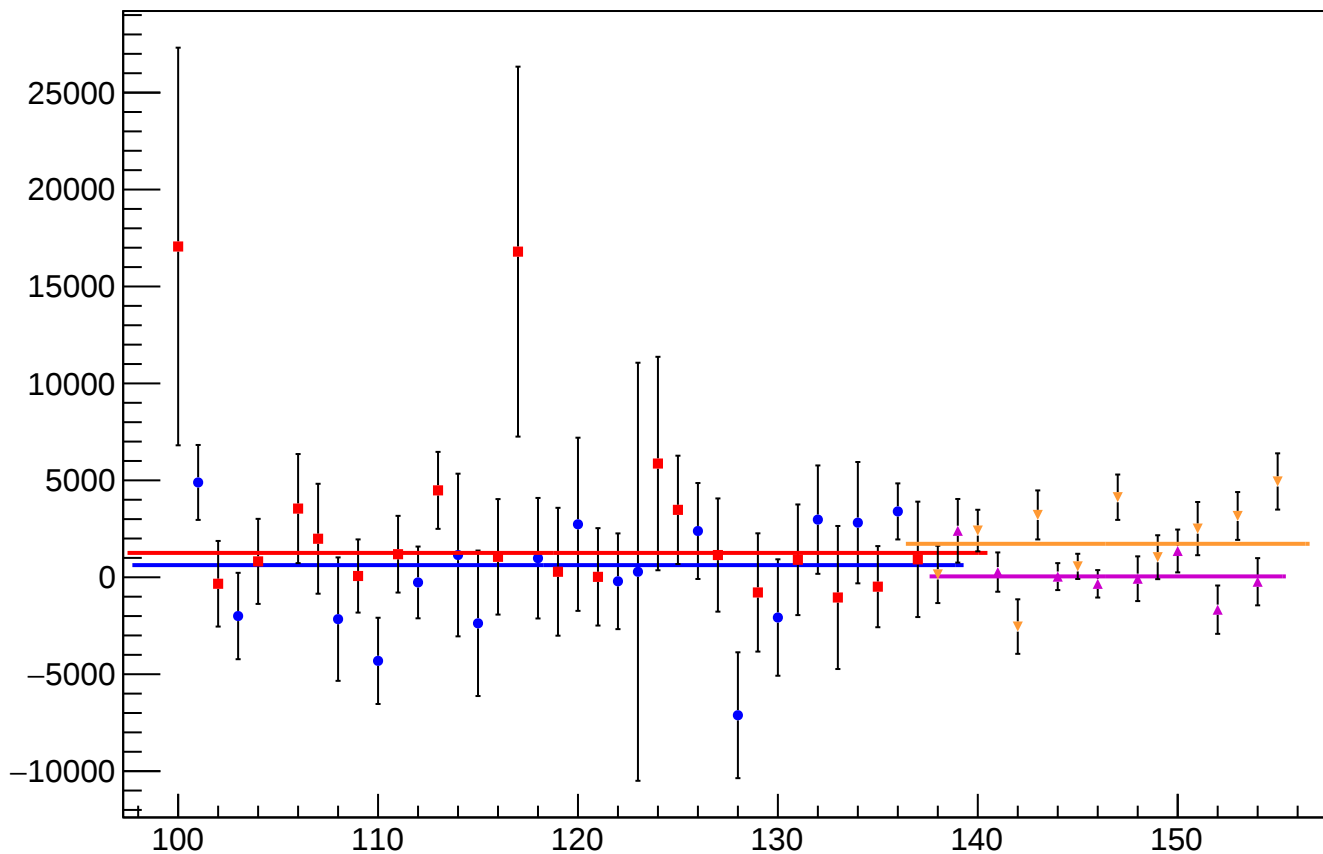
2532.438+/-0.505 χ^2/NDF : 2743122.2/26

Right Out: 3886.199+/-1.065 χ^2/NDF : 986485.7/19

2661.261+/-0.538 χ^2/NDF : 2908302.0/27

Left In: 2242.220+/-0.623 χ^2/NDF : 146154.6/7

asym_sam3_mean vs Slug



Right In: 627.655+/-620.929 χ^2/NDF : 25.1/16

Left Out: 1726.864+/-353.603 χ^2/NDF : 26.5/9

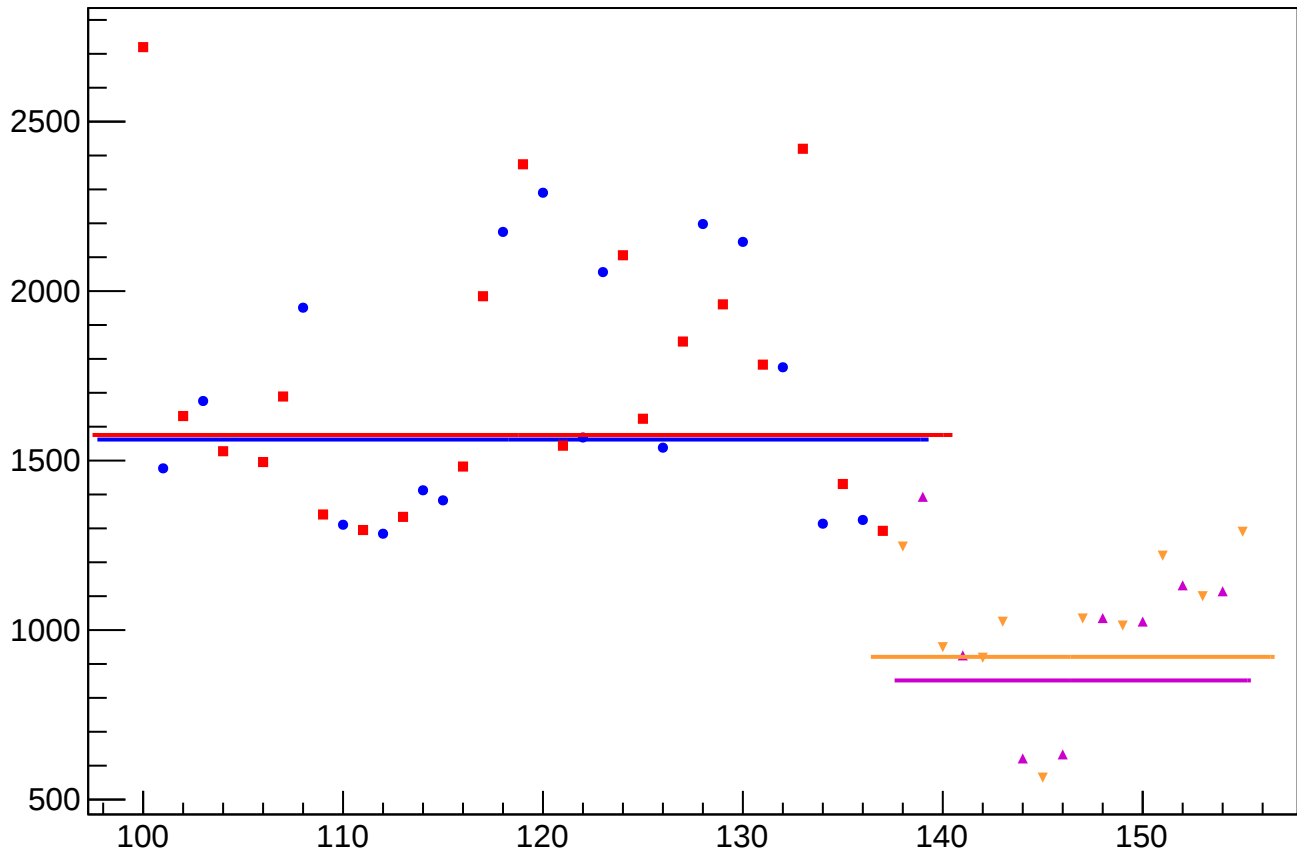
Right Out: 1257.467+/-601.857 χ^2/NDF : 12.6/19

Left In: 45.849+/-347.037 χ^2/NDF : 5.8/7

1457.685+/-307.272 χ^2/NDF : 54.0/26

348.171+/-300.639 χ^2/NDF : 21.4/27

asym_sam3_rms vs Slug



Right In: 1562.101+/-0.439 χ^2/NDF : 482088.3/16

Left Out: 920.997+/-0.250 χ^2/NDF : 1010454.3/9

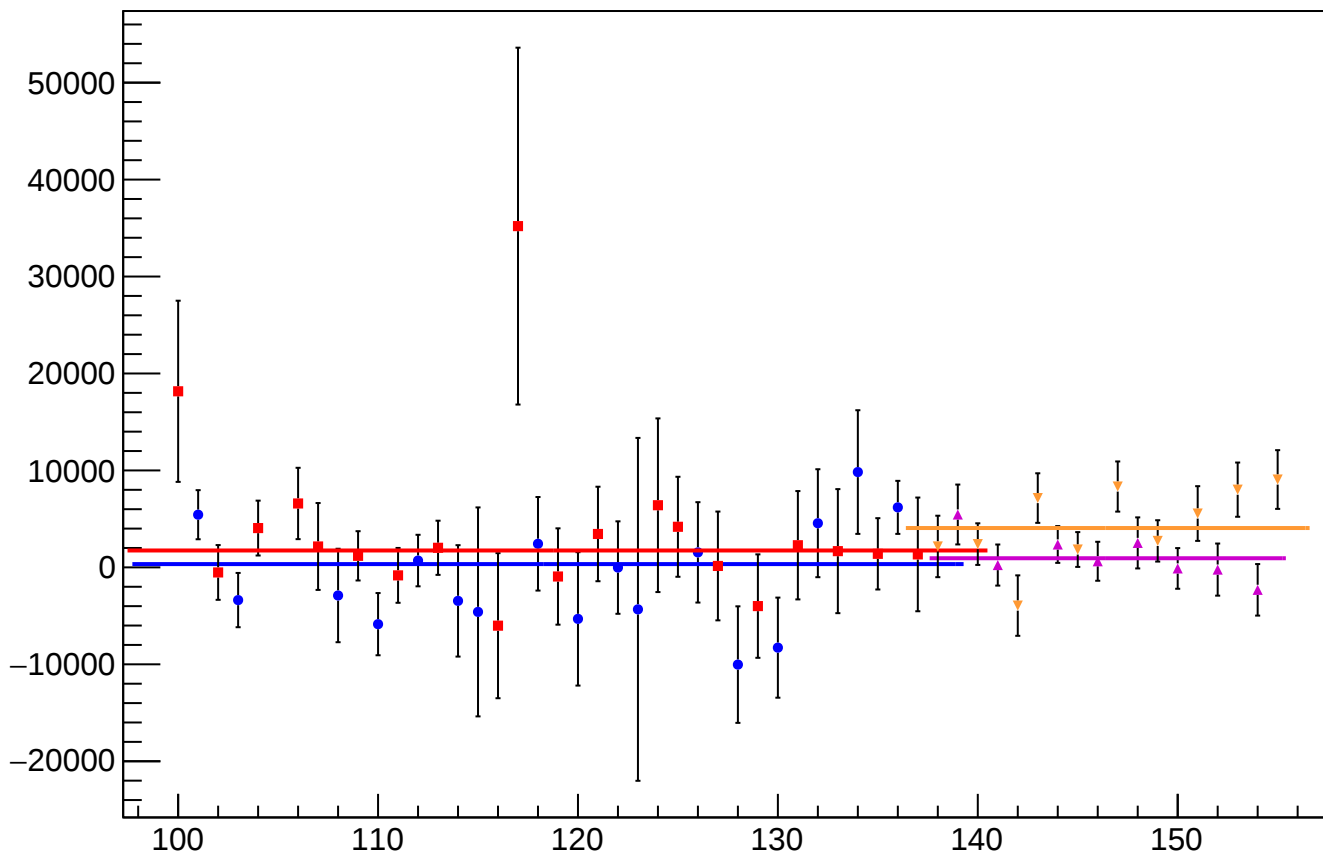
Right Out: 1575.541+/-0.426 χ^2/NDF : 467687.2/19

Left In: 851.419+/-0.245 χ^2/NDF : 933312.9/7

1077.993+/-0.217 χ^2/NDF : 3102509.2/26

1032.101+/-0.213 χ^2/NDF : 3573740.0/27

asym_sam4_mean vs Slug



Right In: 338.117+/-995.842 χ^2/NDF : 24.8/16

Left Out: 4058.300+/-787.035 χ^2/NDF : 18.7/9

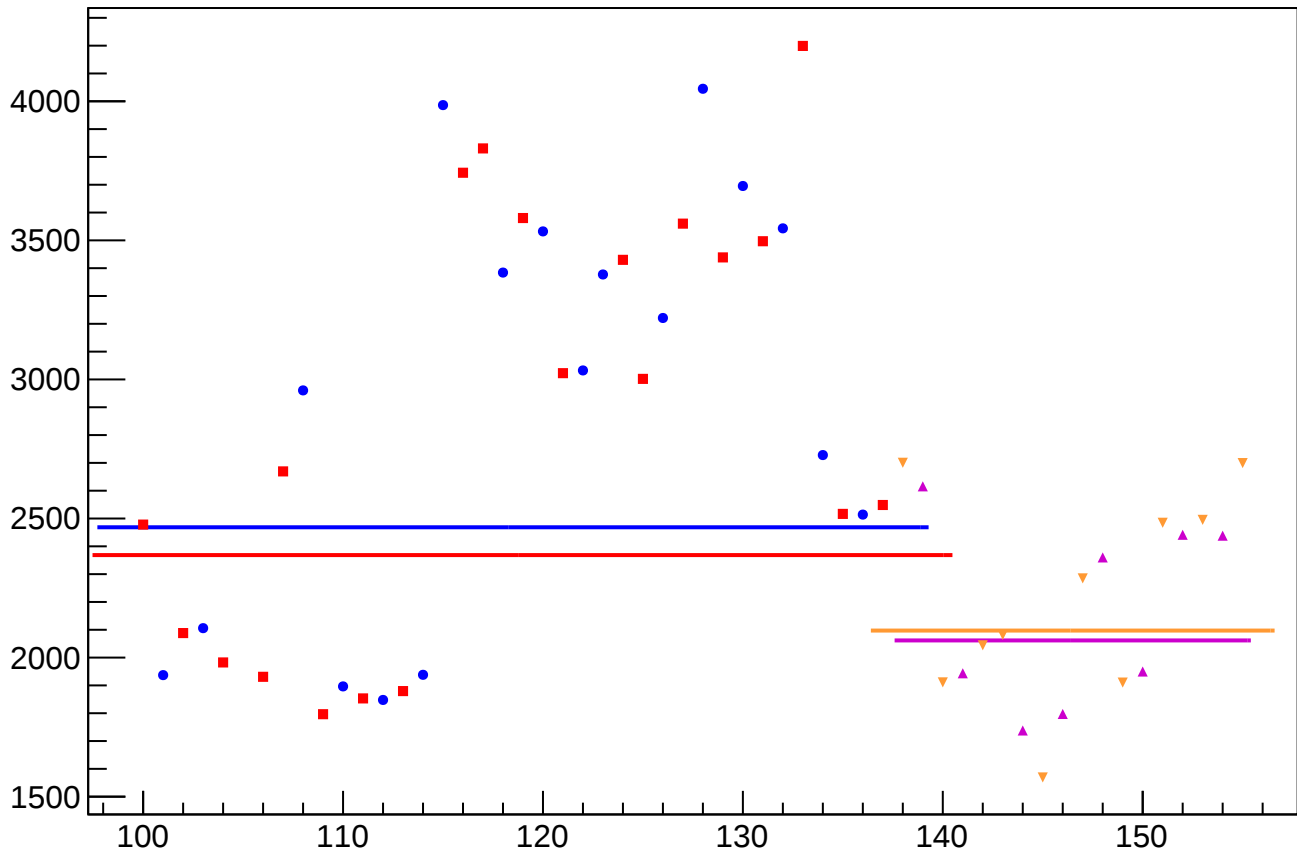
Right Out: 1742.470+/-923.289 χ^2/NDF : 13.6/19

Left In: 941.557+/-815.352 χ^2/NDF : 5.1/7

2628.012+/-617.476 χ^2/NDF : 52.0/26

1292.483+/-611.157 χ^2/NDF : 19.1/27

asym_sam4_rms vs Slug



Right In: 2468.489+/-0.704 χ^2/NDF : 896153.6/16

Left Out: 2097.169+/-0.557 χ^2/NDF : 444341.5/9

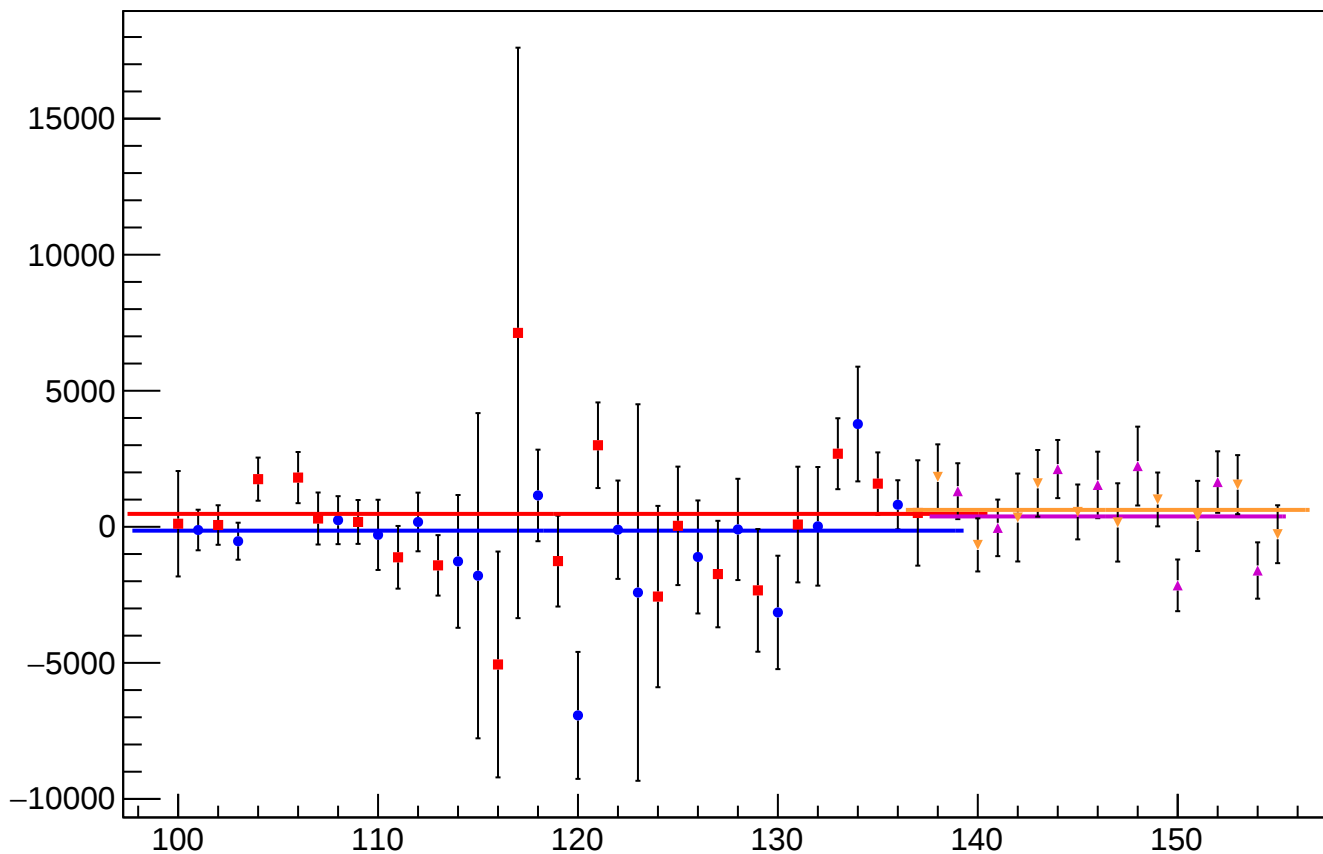
2239.929+/-0.437 χ^2/NDF : 1511652.9/26

Right Out: 2368.521+/-0.653 χ^2/NDF : 1037811.8/19

2196.136+/-0.432 χ^2/NDF : 1436765.8/27

Left In: 2061.699+/-0.577 χ^2/NDF : 274862.3/7

asym_sam5_mean vs Slug



Right In: -141.213+/-313.319 χ^2/NDF : 16.9/16

Left Out: 621.651+/-362.258 χ^2/NDF : 5.2/9

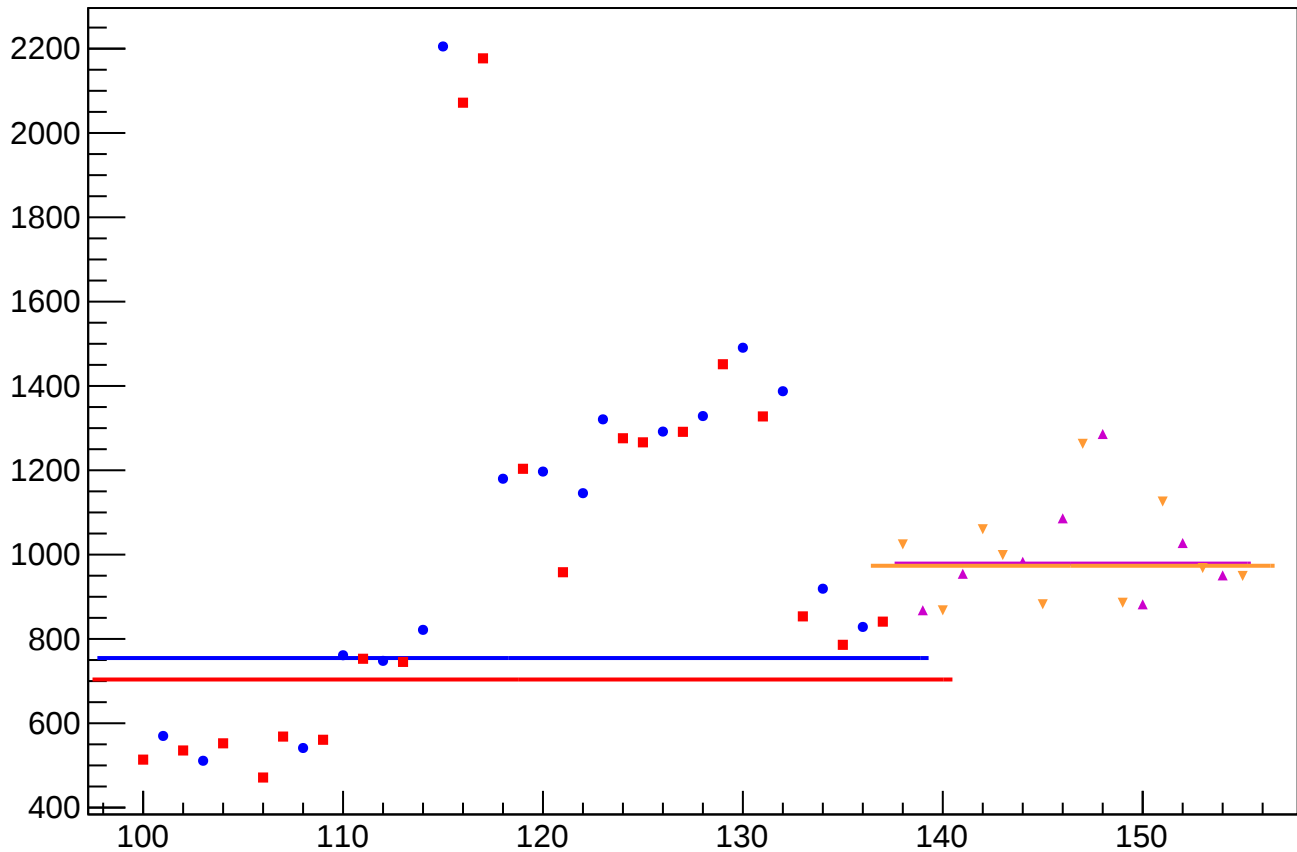
Right Out: 474.987+/-282.789 χ^2/NDF : 23.3/19

Left In: 381.266+/-385.743 χ^2/NDF : 18.2/7

185.245+/-236.978 χ^2/NDF : 24.6/26

442.225+/-228.068 χ^2/NDF : 41.6/27

asym_sam5_rms vs Slug



Right In: 754.684+/-0.222 χ^2/NDF : 1690621.2/16

Left Out: 973.564+/-0.256 χ^2/NDF :175581.9/9

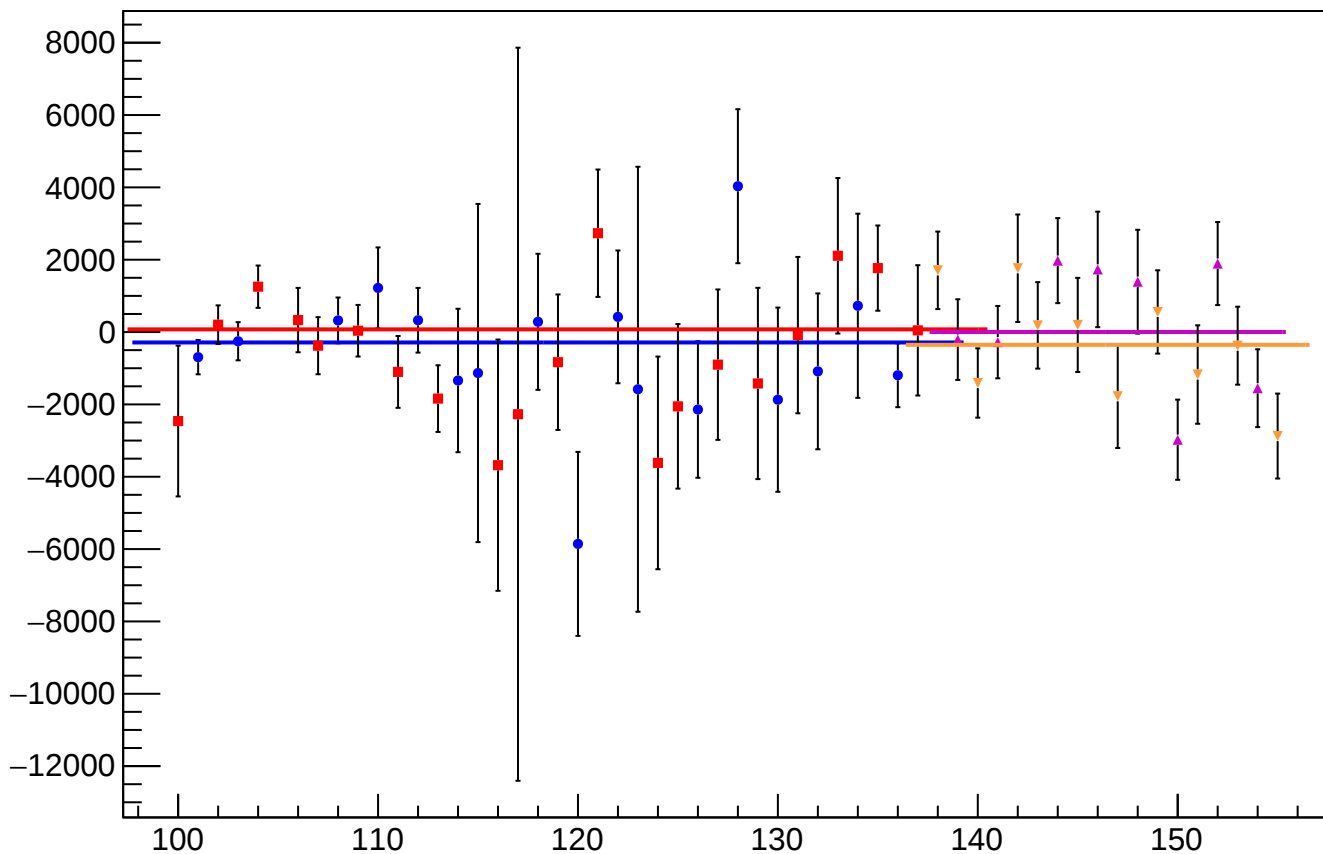
848.351+/-0.168 χ^2/NDF : 2283891.3/26

Right Out: 703.794+/-0.200 χ^2/NDF : 1731134.6/19

799.886+/-0.161 χ^2/NDF : 2547368.6/27

Left In: 978.681+/-0.273 χ^2/NDF :155629.1/7

asym_sam6_mean vs Slug



Right In: -288.037 $\pm$ 250.436 χ^2 /NDF: 16.2/16

Left Out: -352.898 $\pm$ 376.009 χ^2 /NDF:13.9/9

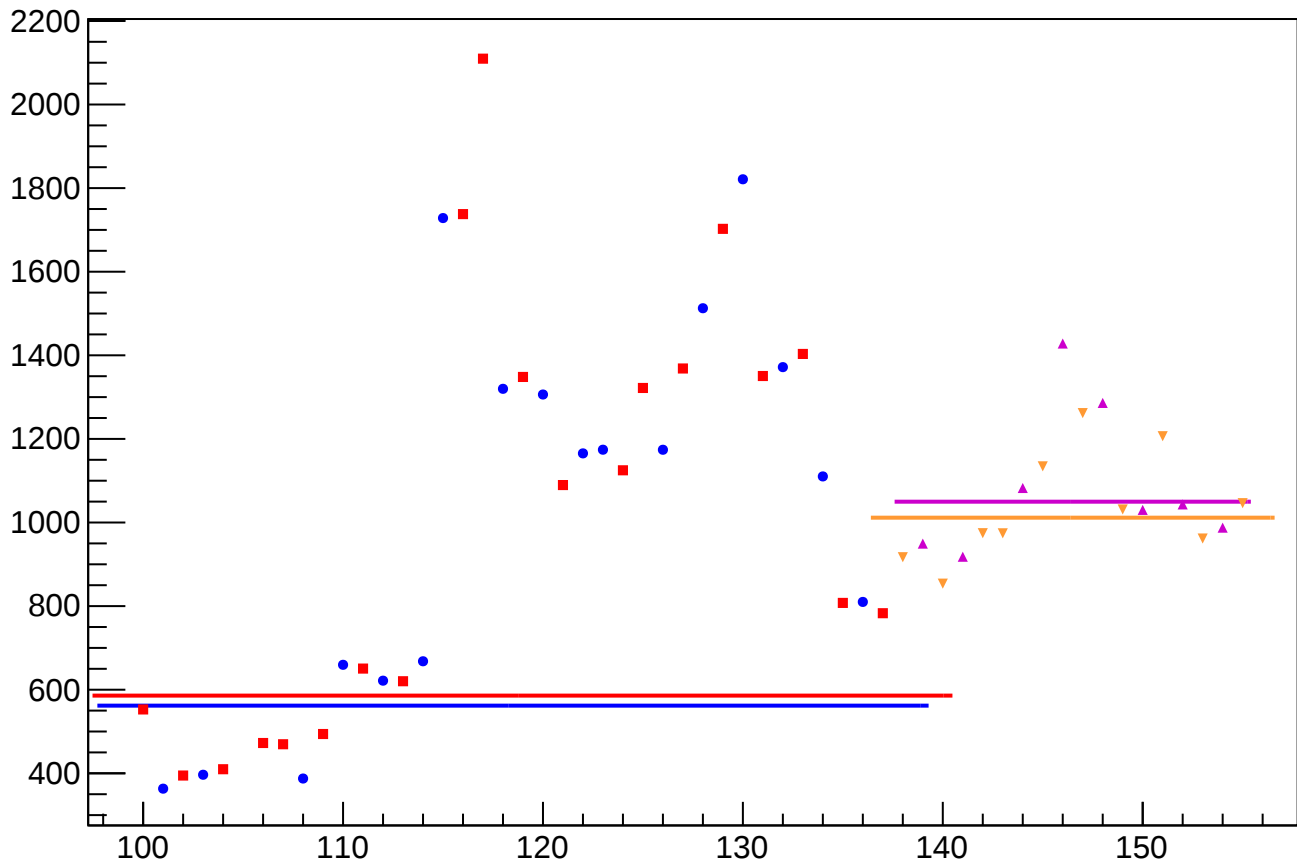
Right Out: 74.735 $\pm$ 246.011 χ^2 /NDF: 21.4/19

Left In: 2.040 $\pm$ 413.748 χ^2 /NDF:17.1/7

-307.968 $\pm$ 208.436 χ^2 /NDF: 30.1/26

55.747 $\pm$ 211.455 χ^2 /NDF: 38.5/27

asym_sam6_rms vs Slug



Right In: 561.894+/-0.177 χ^2/NDF : 3216651.3/16

Left Out: 1011.562+/-0.266 χ^2/NDF :199724.1/9

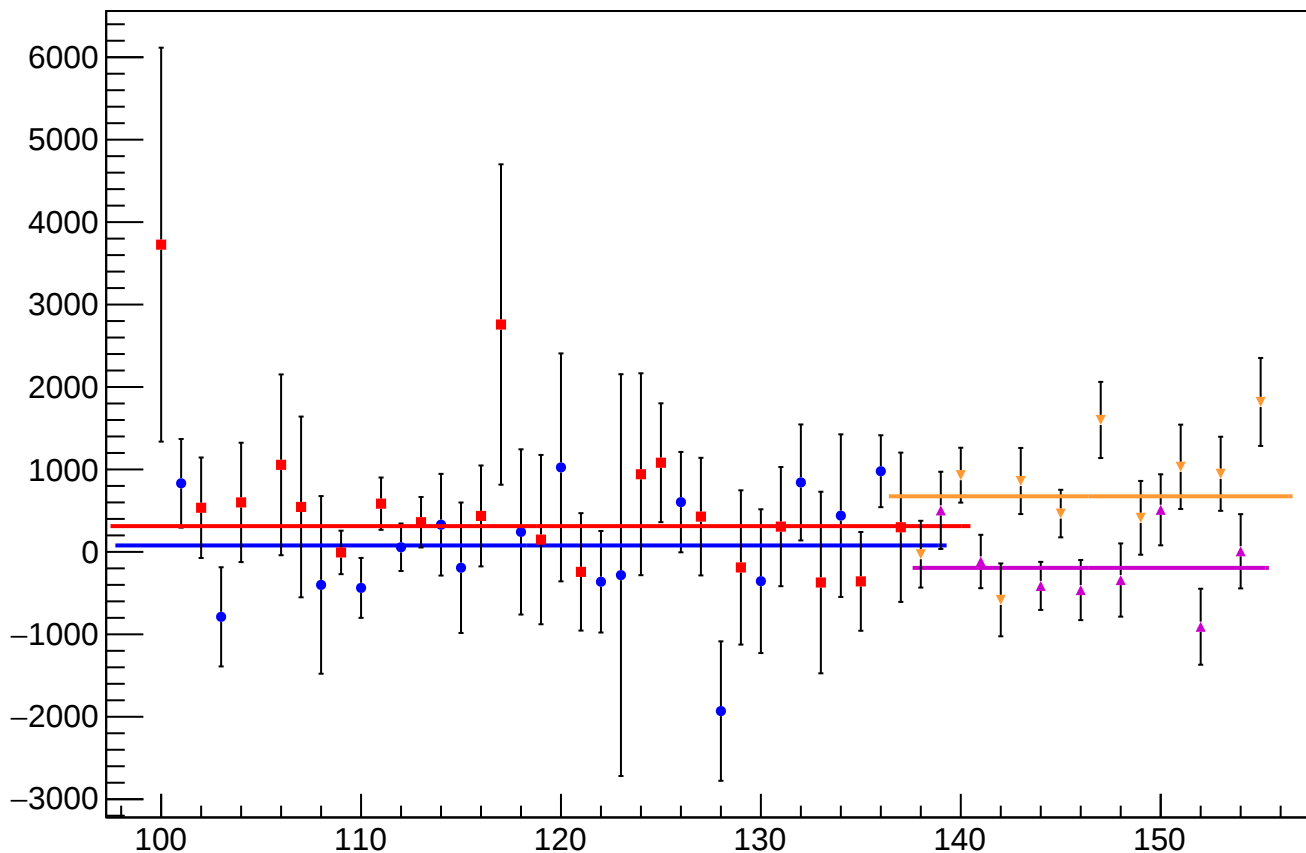
700.072+/-0.147 χ^2/NDF : 5397764.0/26

Right Out: 585.891+/-0.174 χ^2/NDF : 2869692.7/19

707.066+/-0.150 χ^2/NDF : 4953626.3/27

Left In: 1049.815+/-0.293 χ^2/NDF :226213.4/7

asym_sam7_mean vs Slug



Right In: 78.184+/-142.869 χ^2/NDF : 19.8/16

Left Out: 674.376+/-128.607 χ^2/NDF : 22.2/9

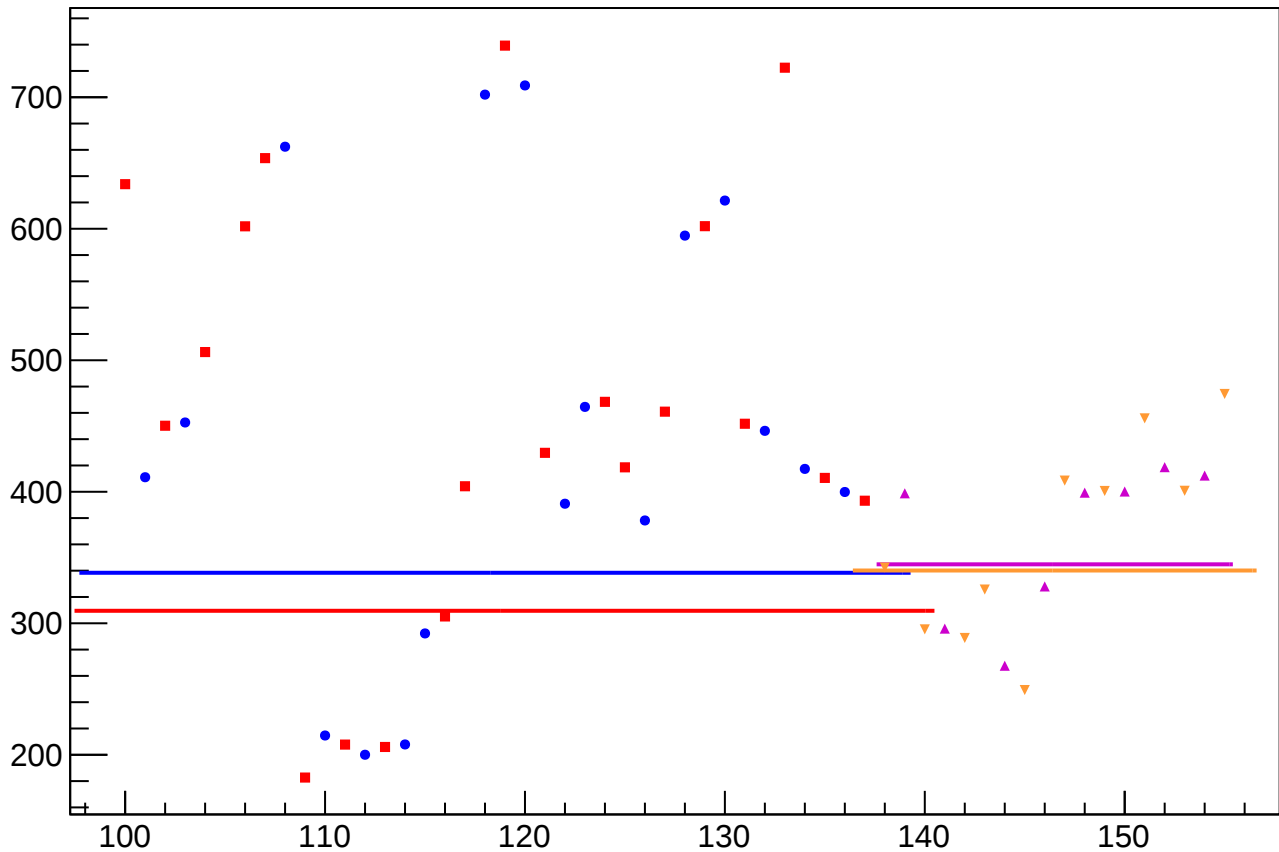
Right Out: 312.536+/-129.362 χ^2/NDF : 10.7/19

Left In: -193.883+/-136.705 χ^2/NDF : 8.8/7

407.515+/-95.585 χ^2/NDF : 51.6/26

73.293+/-93.962 χ^2/NDF : 26.7/27

asym_sam7_rms vs Slug



Right In: 338.408+/-0.101 χ^2/NDF : 2009287.1/16

Left Out: 340.132+/-0.091 χ^2/NDF : 610204.9/9

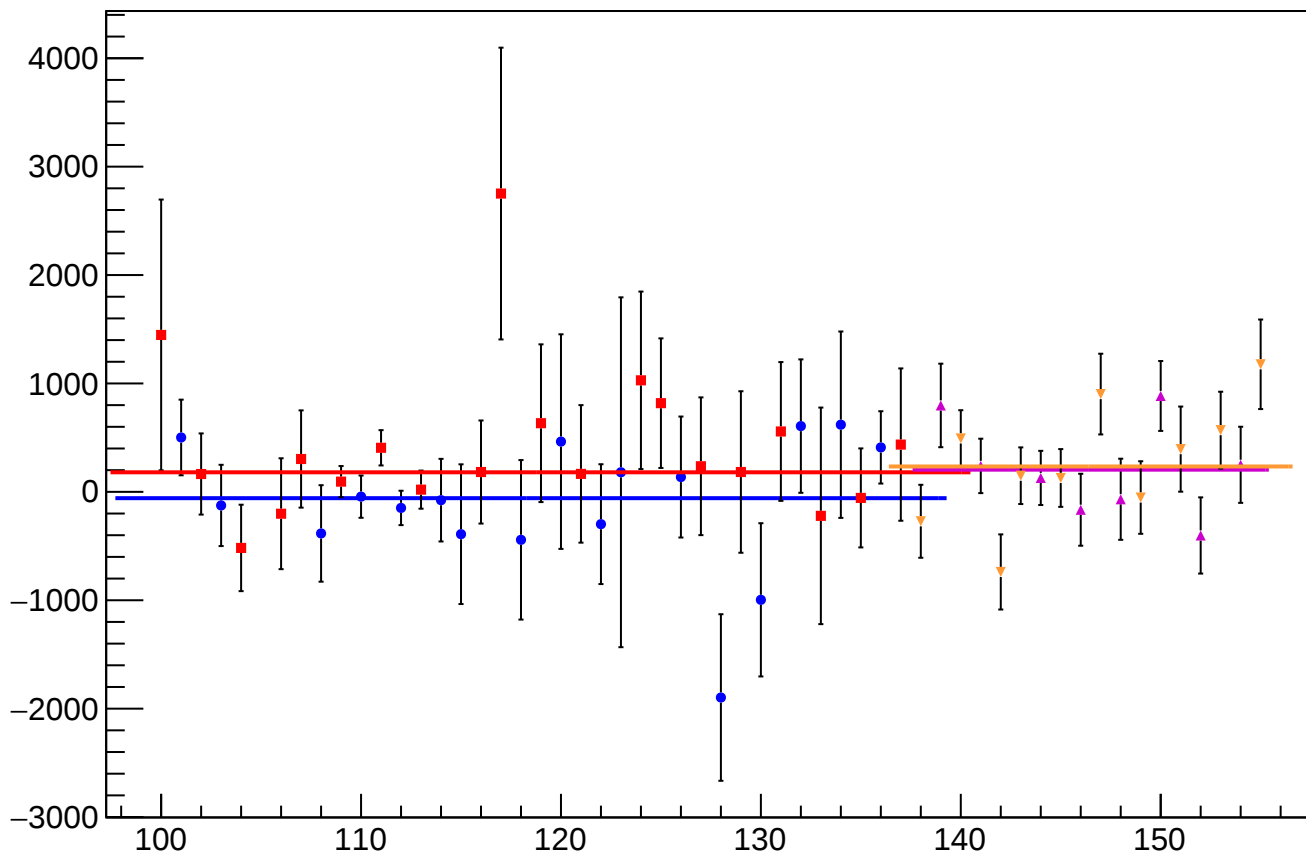
Right Out: 309.503+/-0.091 χ^2/NDF : 2738236.3/19

Left In: 344.833+/-0.097 χ^2/NDF : 376003.0/7

339.360+/-0.068 χ^2/NDF : 2619652.8/26

326.193+/-0.066 χ^2/NDF : 3184714.1/27

asym_sam8_mean vs Slug



Right In: -58.299 ± 90.484 $\chi^2/\text{NDF}: 15.9/16$

Left Out: 234.082 ± 101.465 $\chi^2/\text{NDF}: 21.6/9$

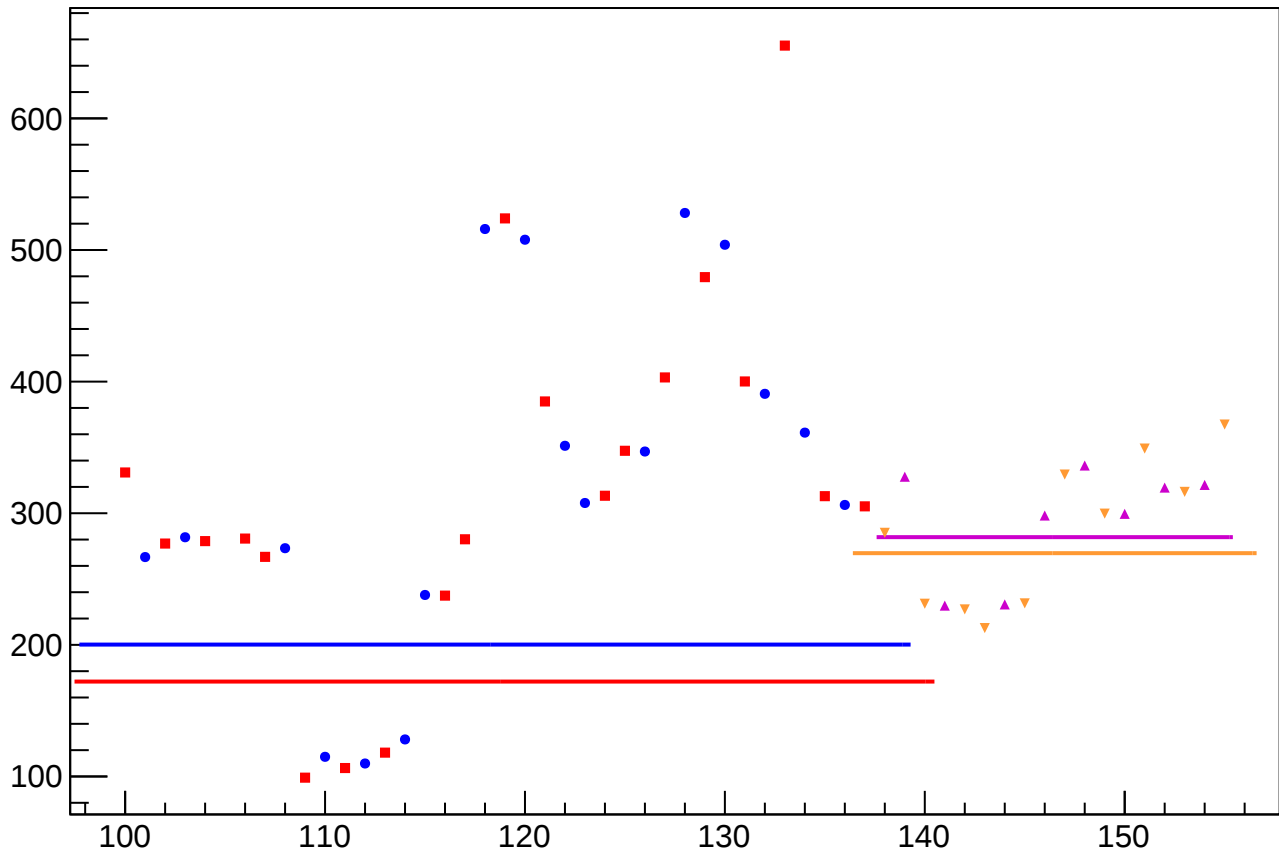
Right Out: 180.354 ± 76.795 $\chi^2/\text{NDF}: 15.0/19$

Left In: 204.765 ± 111.318 $\chi^2/\text{NDF}: 11.7/7$

71.220 ± 67.532 $\chi^2/\text{NDF}: 42.1/26$

188.226 ± 63.212 $\chi^2/\text{NDF}: 26.7/27$

asym_sam8_rms vs Slug



Right In: 200.209+/-0.064 χ^2/NDF : 3387197.7/16

Left Out: 269.665+/-0.072 χ^2/NDF :510143.2/9

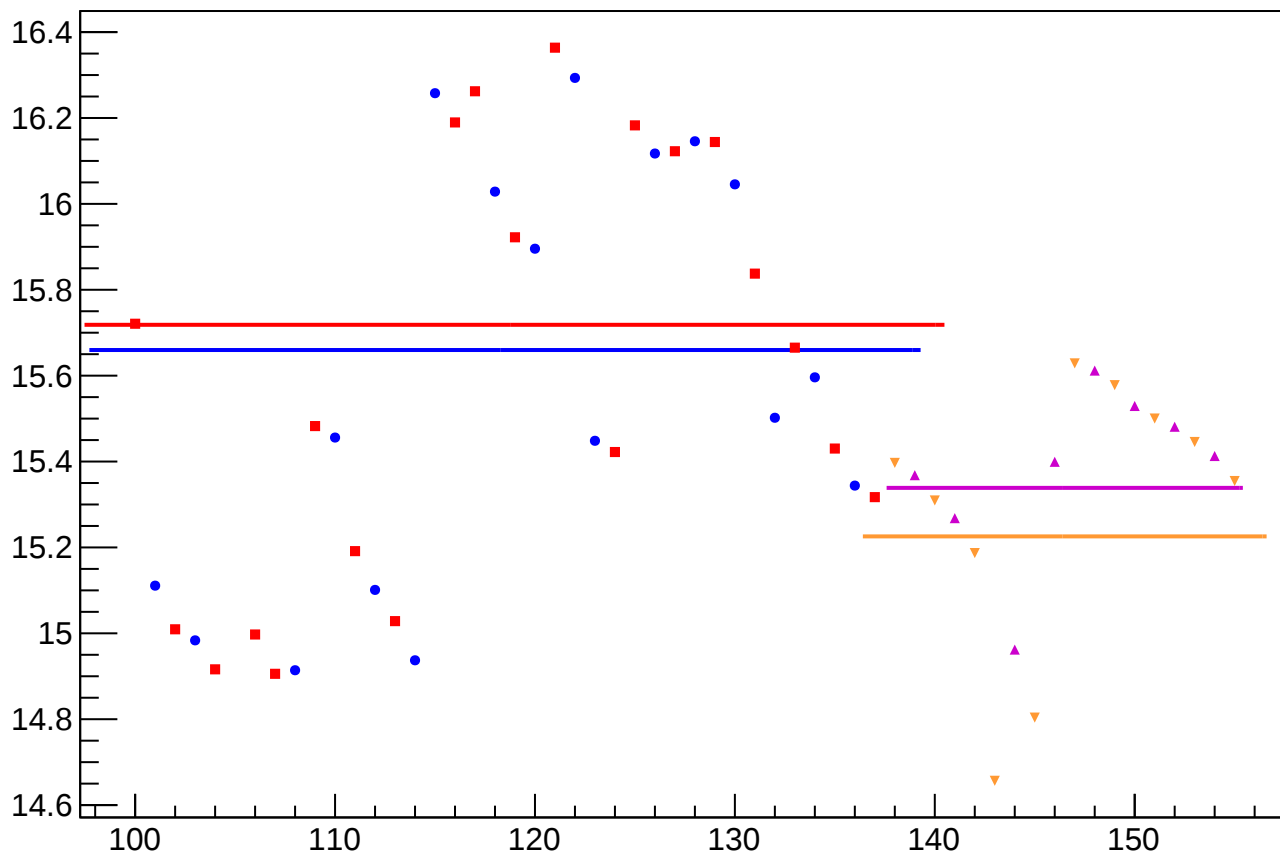
230.977+/-0.048 χ^2/NDF : 4419367.1/26

Right Out: 172.110+/-0.054 χ^2/NDF : 4106869.2/19

207.492+/-0.045 χ^2/NDF : 5723319.3/27

Left In: 281.837+/-0.079 χ^2/NDF :299824.2/7

yield_sam1_mean vs Slug



Right In: 15.660 $\pm$ 0.000 χ^2 /NDF: 5782644553.5/16

Left Out: 15.226 $\pm$ 0.000 χ^2 /NDF: 6122840263.6/9

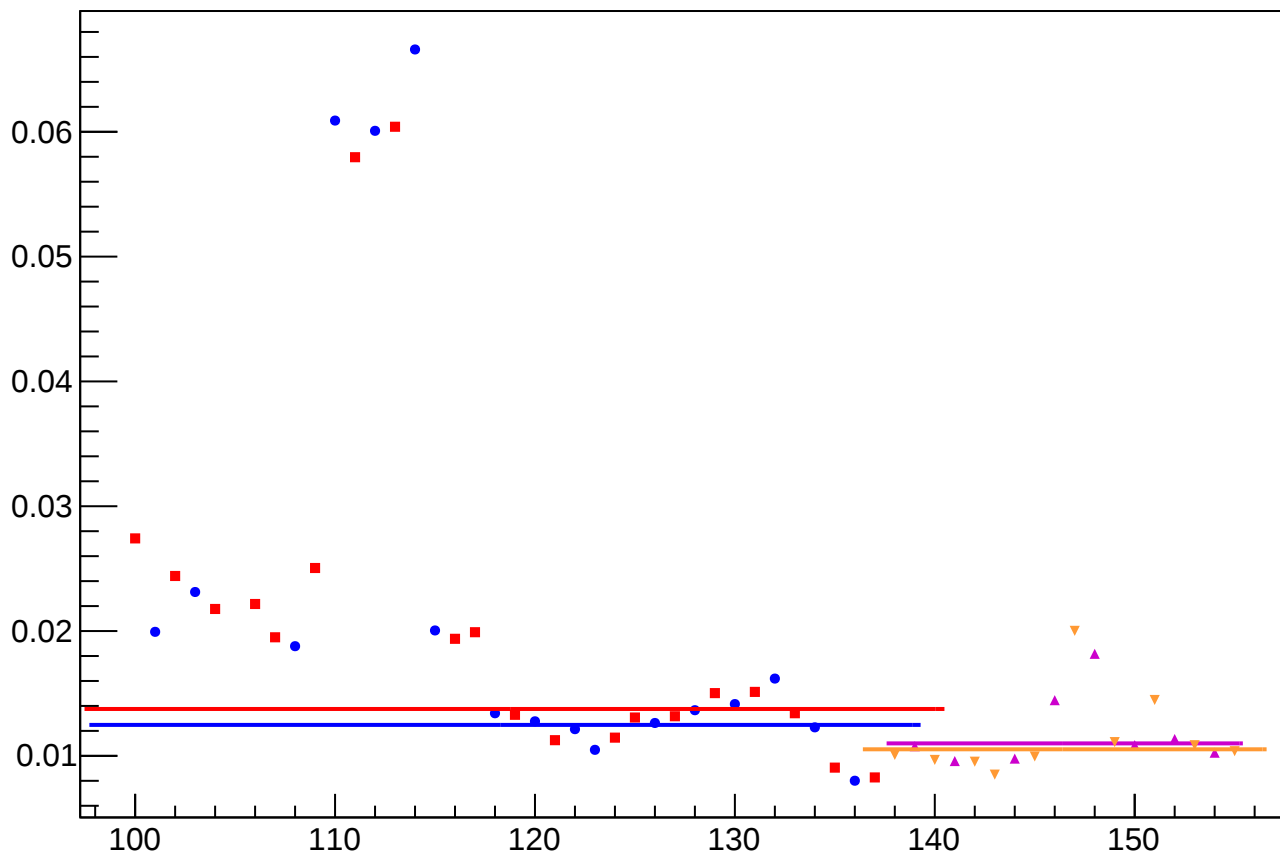
Right Out: 15.718 $\pm$ 0.000 χ^2 /NDF: 5490626945.9/19

Left In: 15.339 $\pm$ 0.000 χ^2 /NDF: 1868024172.2/7

15.380 $\pm$ 0.000 χ^2 /NDF: 15929186418.2/26

15.478 $\pm$ 0.000 χ^2 /NDF: 10004650491.6/27

yield_sam1_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 2152911.4/16

Left Out: 0.011+/-0.000 χ^2/NDF :549430.7/9

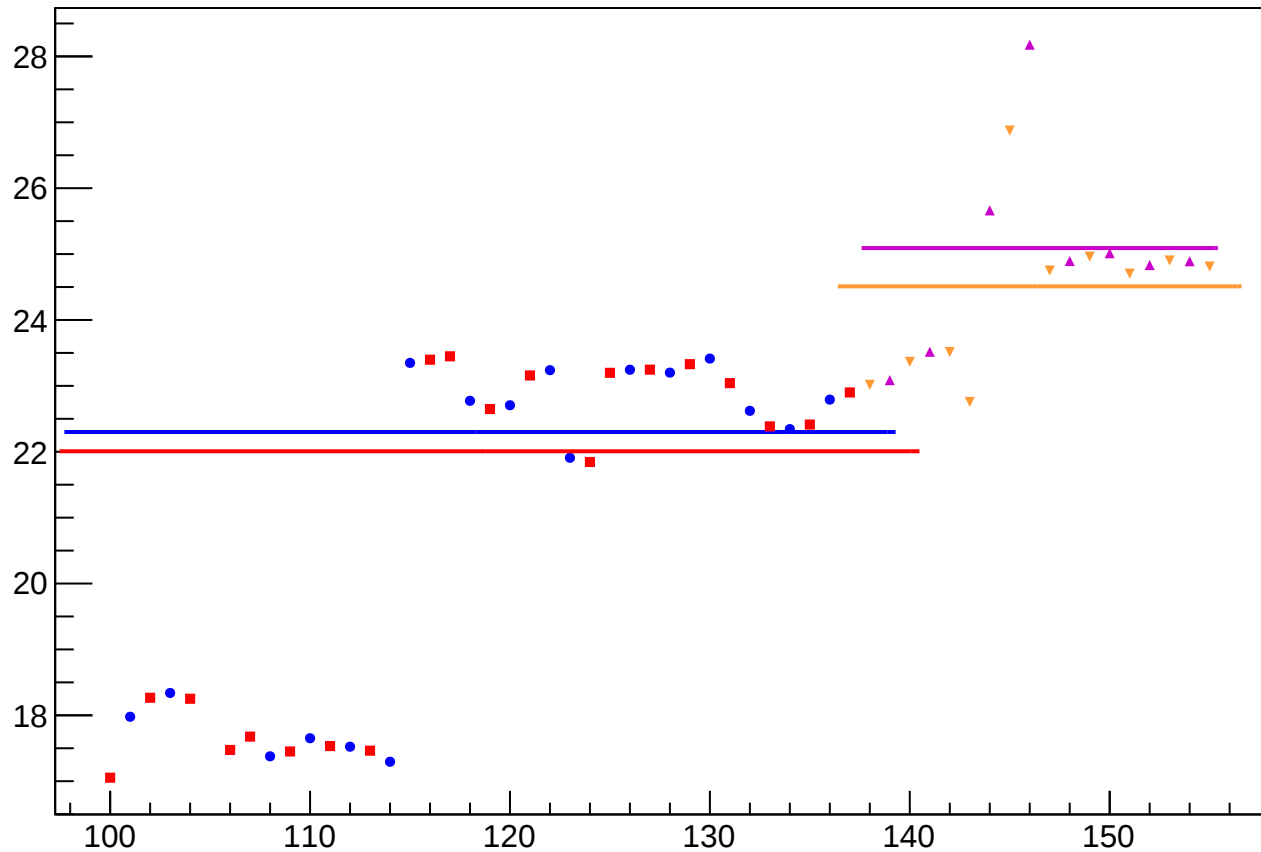
Right Out: 0.014+/-0.000 χ^2/NDF : 2084935.7/19

Left In: 0.011+/-0.000 χ^2/NDF :392576.3/7

0.011+/-0.000 χ^2/NDF : 2865583.9/26

0.012+/-0.000 χ^2/NDF : 2756563.1/27

yield_sam2_mean vs Slug



Right In: 22.300+/-0.000 χ^2/NDF : 938398636.8/16

Left Out: 24.510+/-0.000 χ^2/NDF : 825221517.0/9

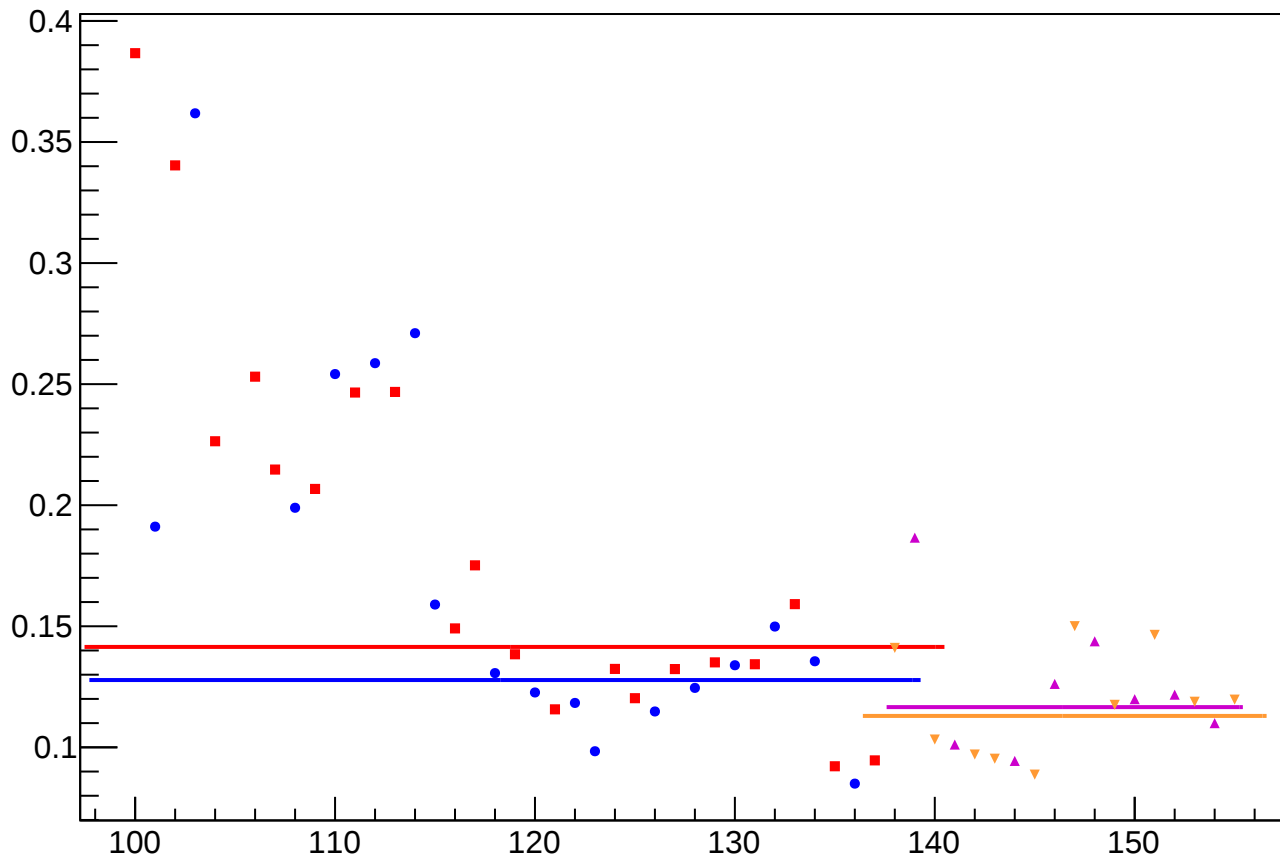
Right Out: 22.007+/-0.000 χ^2/NDF : 1068683102.9/19

Left In: 25.091+/-0.000 χ^2/NDF : 696749734.4/7

23.641+/-0.000 χ^2/NDF : 2682208418.5/26

23.844+/-0.000 χ^2/NDF : 3334309183.8/27

yield_sam2_rms vs Slug



Right In: 0.128+/-0.000 χ^2/NDF : 1492109.7/16

Left Out: 0.113+/-0.000 χ^2/NDF :381609.1/9

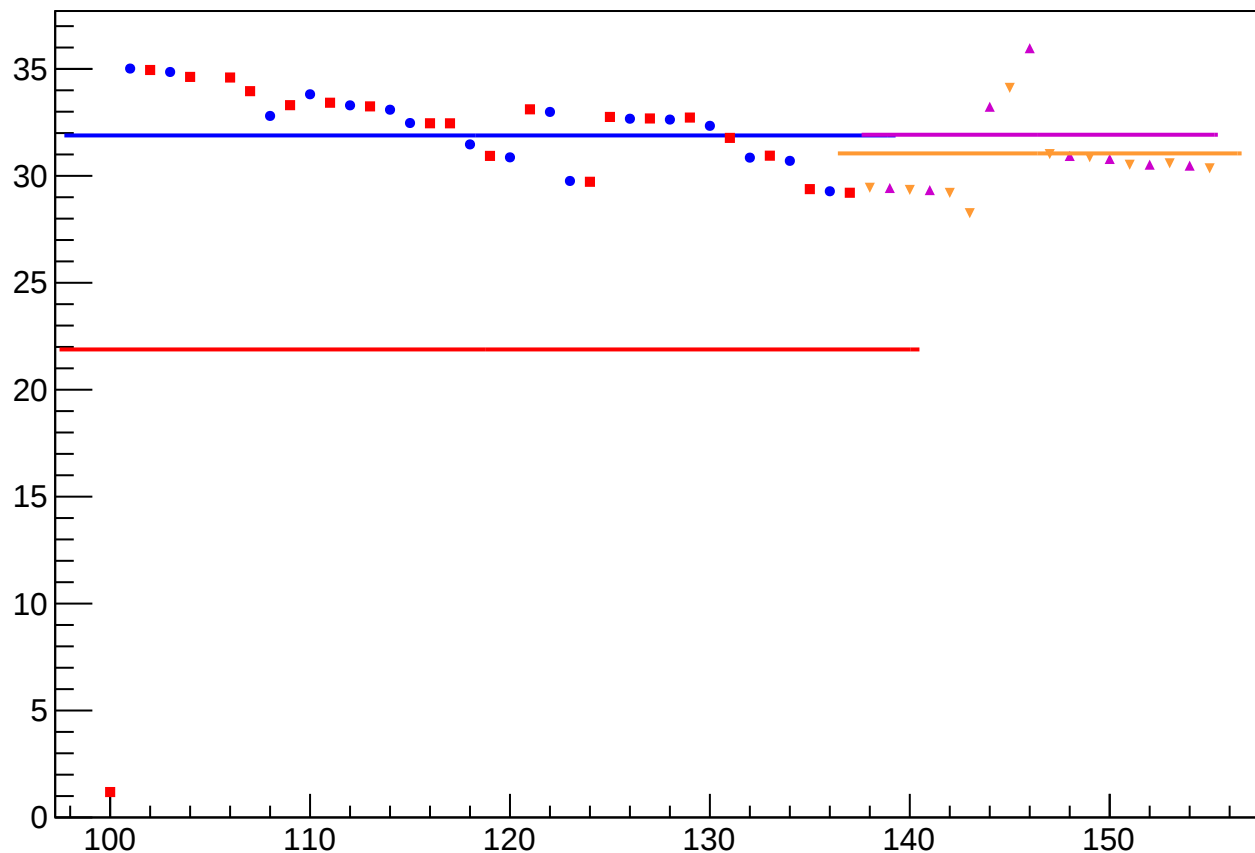
Right Out: 0.141+/-0.000 χ^2/NDF : 1452162.4/19

Left In: 0.117+/-0.000 χ^2/NDF :383056.8/7

0.119+/-0.000 χ^2/NDF : 1956289.4/26

0.127+/-0.000 χ^2/NDF : 2039055.5/27

yield_sam3_mean vs Slug



Right In: 31.889 ± 0.000 χ^2/NDF : 1930403776.3/16

Left Out: 31.049 ± 0.000 χ^2/NDF : 4283721227.9/9

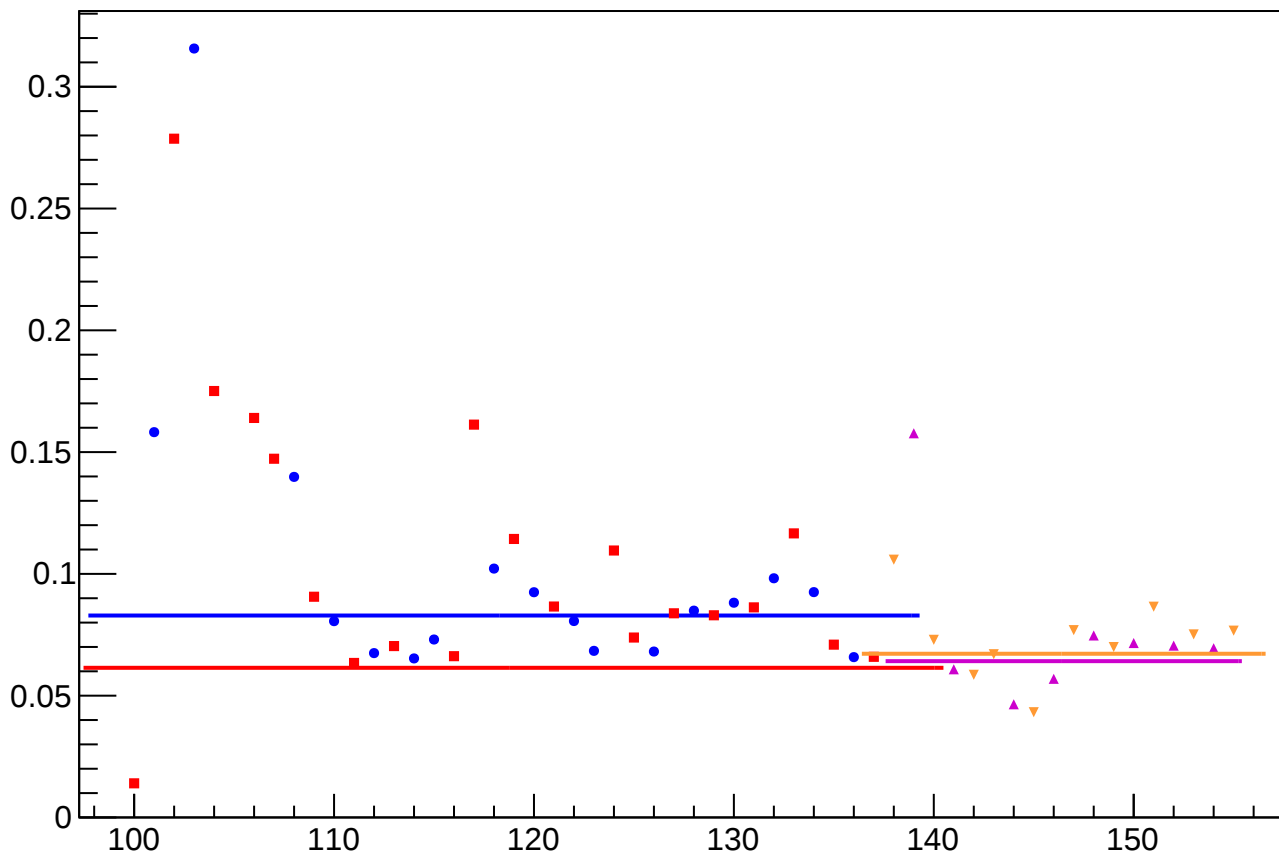
Right Out: 21.883 ± 0.000 χ^2/NDF : 230247118310.5/19

Left In: 31.922 ± 0.000 χ^2/NDF : 5547255555.8/7

31.366 ± 0.000 χ^2/NDF : 6527415955.6/26

27.101 ± 0.000 χ^2/NDF : 291633223373.9/27

yield_sam3_rms vs Slug



Right In: 0.083+/-0.000 χ^2/NDF : 1164452.3/16

Left Out: 0.067+/-0.000 χ^2/NDF : 624199.1/9

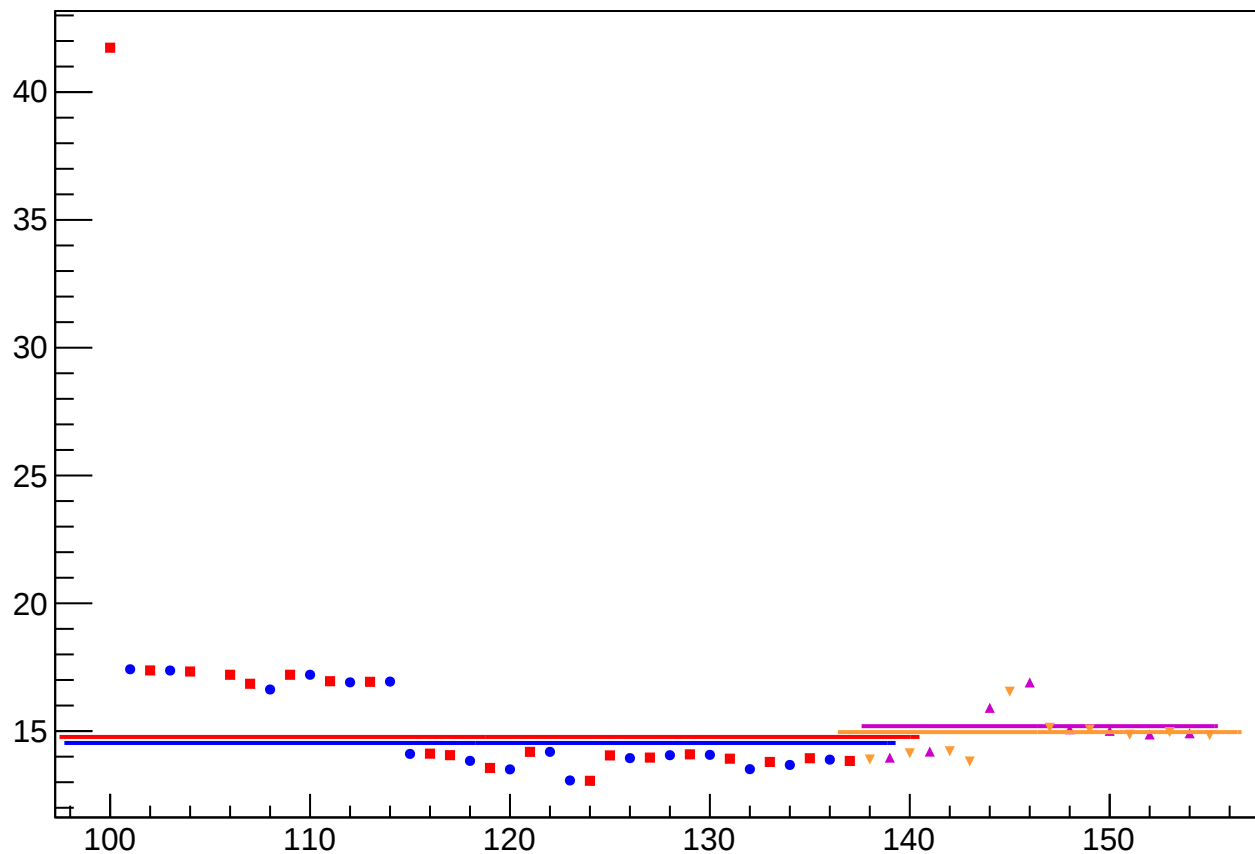
Right Out: 0.061+/-0.000 χ^2/NDF : 3635656.2/19

Left In: 0.064+/-0.000 χ^2/NDF : 752251.2/7

0.073+/-0.000 χ^2/NDF : 2007457.3/26

0.063+/-0.000 χ^2/NDF : 4396158.1/27

yield_sam4_mean vs Slug



Right In: 14.536 ± 0.000 χ^2/NDF : 1470499792.7/16

Left Out: 14.961 ± 0.000 χ^2/NDF : 946947962.9/9

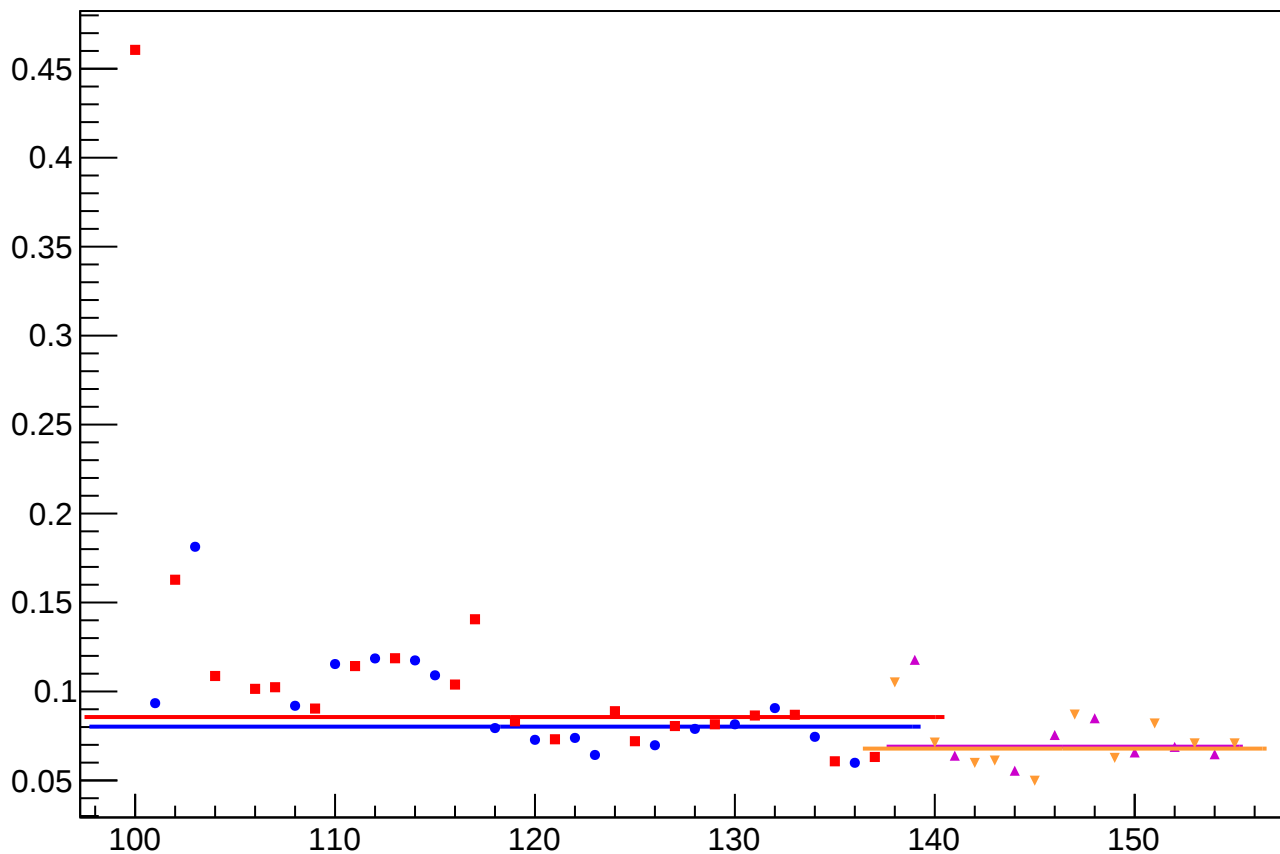
Right Out: 14.772 ± 0.000 χ^2/NDF : 1887789052.4/19

Left In: 15.193 ± 0.000 χ^2/NDF : 720490679.4/7

14.790 ± 0.000 χ^2/NDF : 2510115298.3/26

15.018 ± 0.000 χ^2/NDF : 2691762003.9/27

yield_sam4_rms vs Slug



Right In: 0.080+/-0.000 χ^2/NDF : 778734.5/16

Left Out: 0.068+/-0.000 χ^2/NDF : 462159.7/9

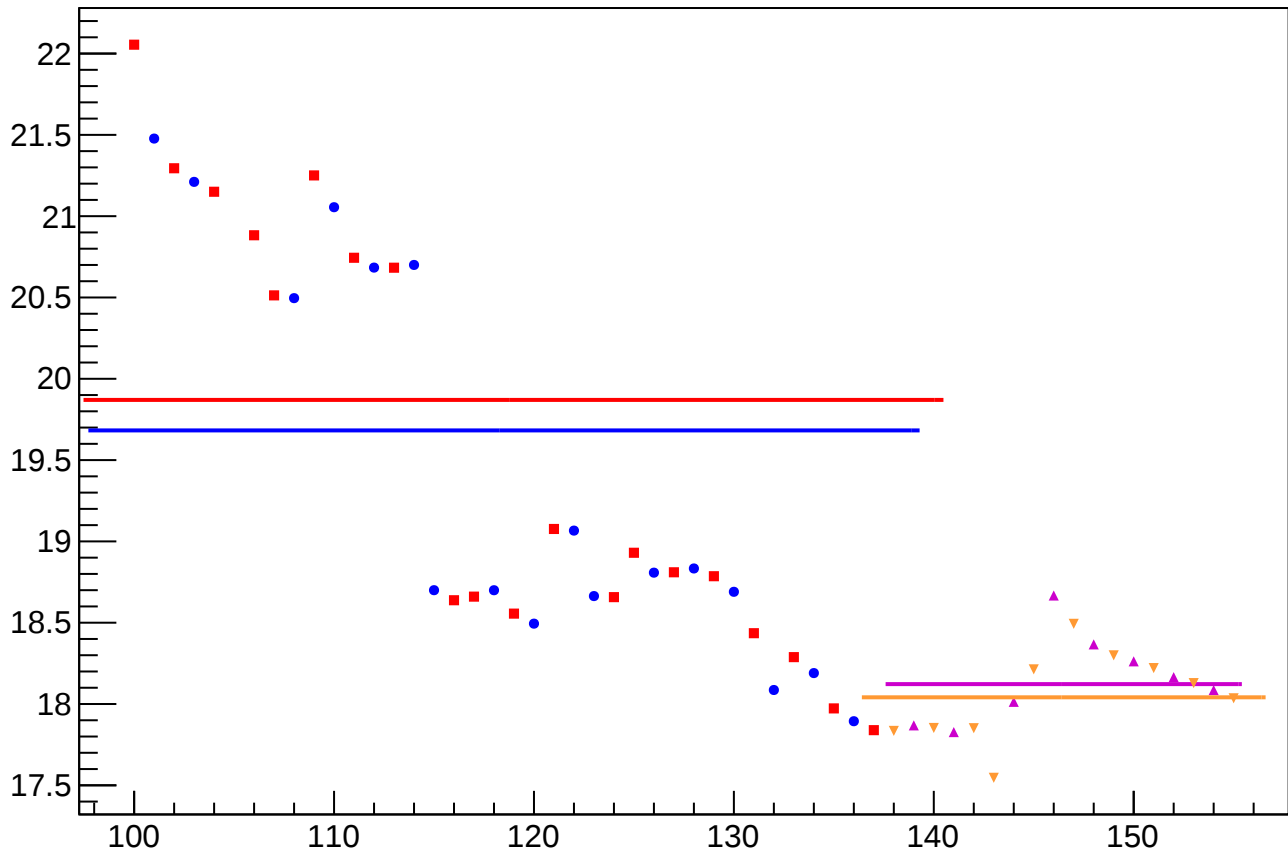
Right Out: 0.086+/-0.000 χ^2/NDF : 750289.2/19

Left In: 0.069+/-0.000 χ^2/NDF : 398131.3/7

0.073+/-0.000 χ^2/NDF : 1397009.2/26

0.076+/-0.000 χ^2/NDF : 1409554.5/27

yield_sam5_mean vs Slug



Right In: 19.683+/-0.000 χ^2/NDF : 12276801857.2/16

Left Out: 18.041+/-0.000 χ^2/NDF : 397168208.7/9

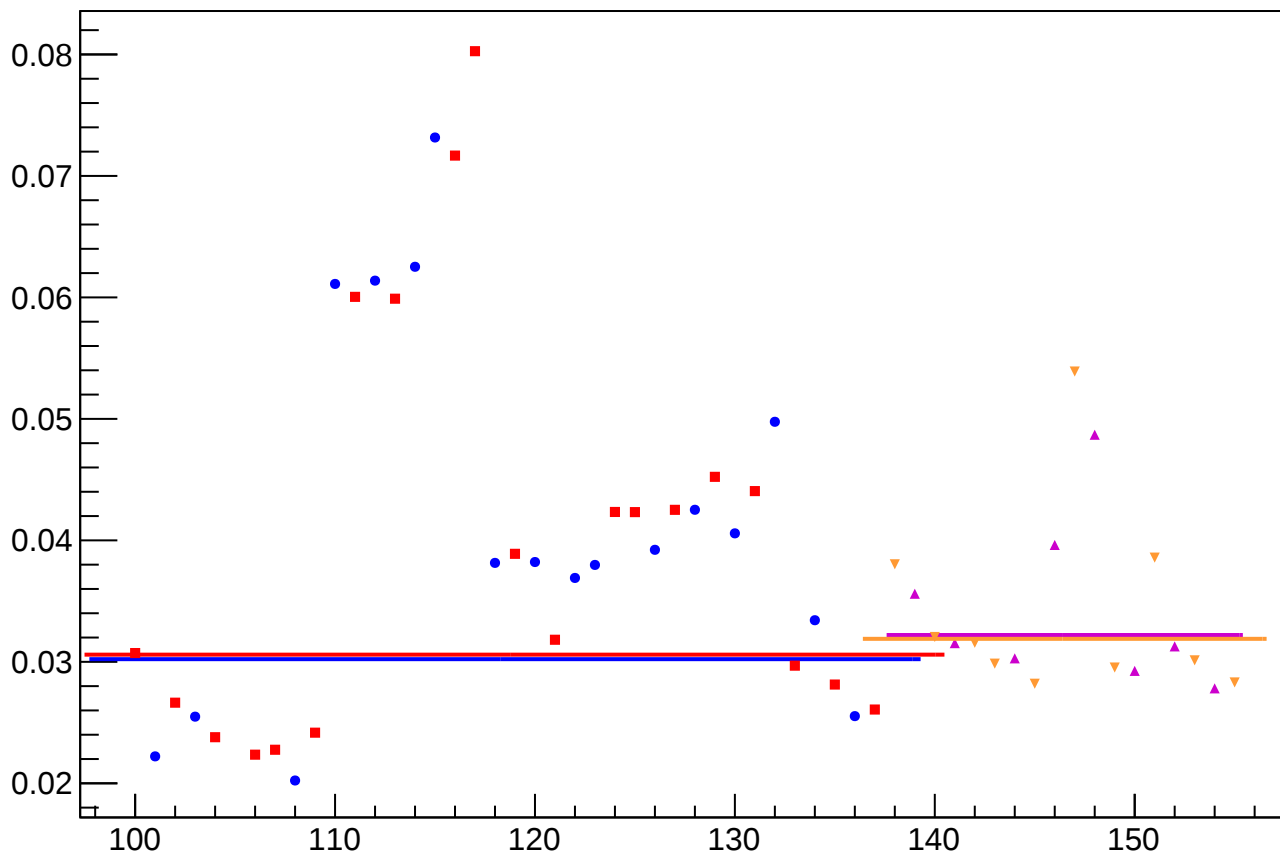
18.825+/-0.000 χ^2/NDF : 21281572645.4/26

Right Out: 19.870+/-0.000 χ^2/NDF : 11333011670.6/19

19.023+/-0.000 χ^2/NDF : 20997751792.5/27

Left In: 18.122+/-0.000 χ^2/NDF : 299886712.6/7

yield_sam5_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 1324518.2/16

Left Out: 0.032+/-0.000 χ^2/NDF : 401197.3/9

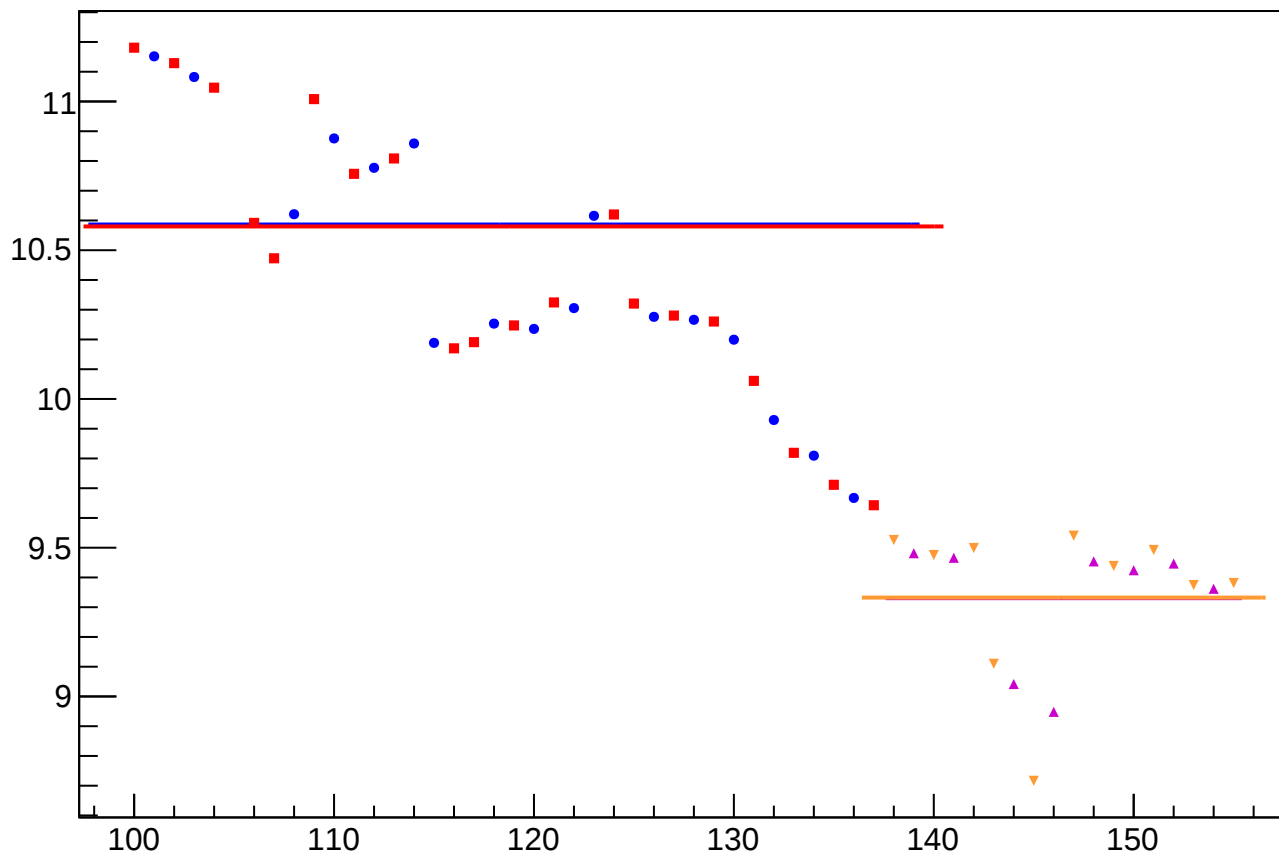
Right Out: 0.031+/-0.000 χ^2/NDF : 1219224.0/19

Left In: 0.032+/-0.000 χ^2/NDF : 307716.9/7

0.031+/-0.000 χ^2/NDF : 1743618.1/26

0.031+/-0.000 χ^2/NDF : 1542964.6/27

yield_sam6_mean vs Slug



Right In: 10.586 $\pm$ 0.000 χ^2 /NDF: 7420104563.4/16

Left Out: 9.332 $\pm$ 0.000 χ^2 /NDF:1040096435.4/9

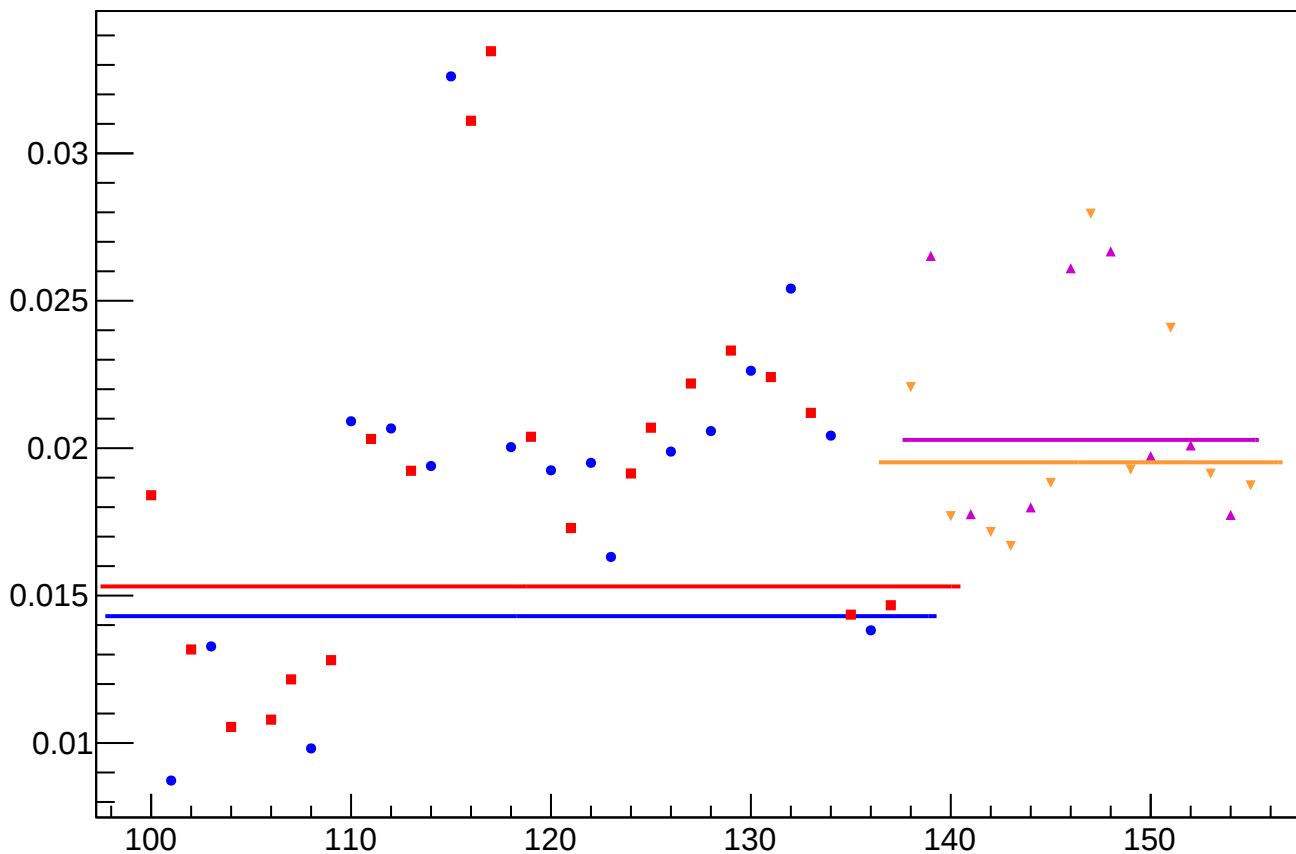
Right Out: 10.580 $\pm$ 0.000 χ^2 /NDF: 5769007164.9/19

Left In: 9.330 $\pm$ 0.000 χ^2 /NDF:485388167.5/7

10.087 $\pm$ 0.000 χ^2 /NDF: 24777692299.9/26

10.127 $\pm$ 0.000 χ^2 /NDF: 20556755658.1/27

yield_sam6_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1408012.0/16

Left Out: 0.020+/-0.000 χ^2/NDF : 276745.6/9

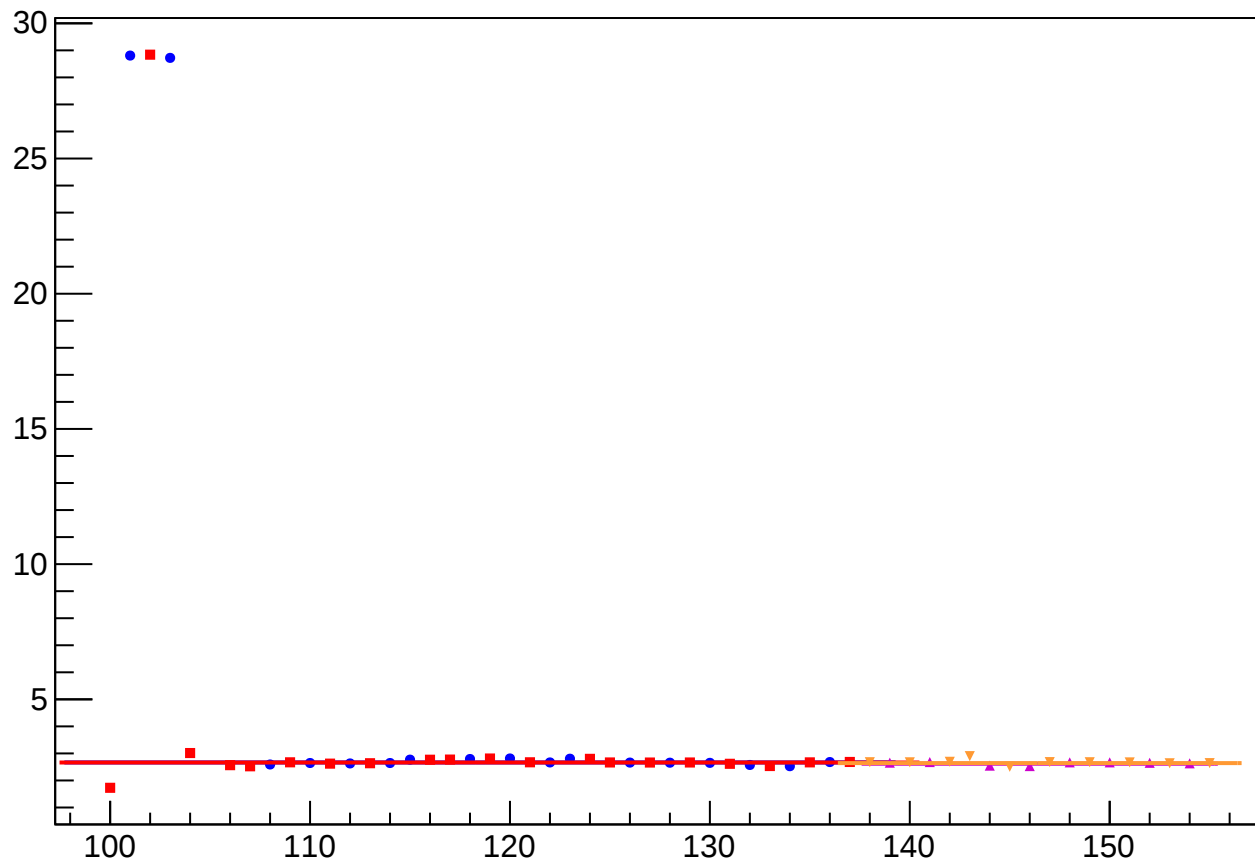
0.016+/-0.000 χ^2/NDF : 2249869.2/26

Right Out: 0.015+/-0.000 χ^2/NDF : 1011477.2/19

0.017+/-0.000 χ^2/NDF : 1791832.2/27

Left In: 0.020+/-0.000 χ^2/NDF : 327775.2/7

yield_sam7_mean vs Slug



Right In: 2.666+/-0.000 χ^2/NDF : 163167327359.4/16

Left Out: 2.642+/-0.000 χ^2/NDF : 11360961939.2/9

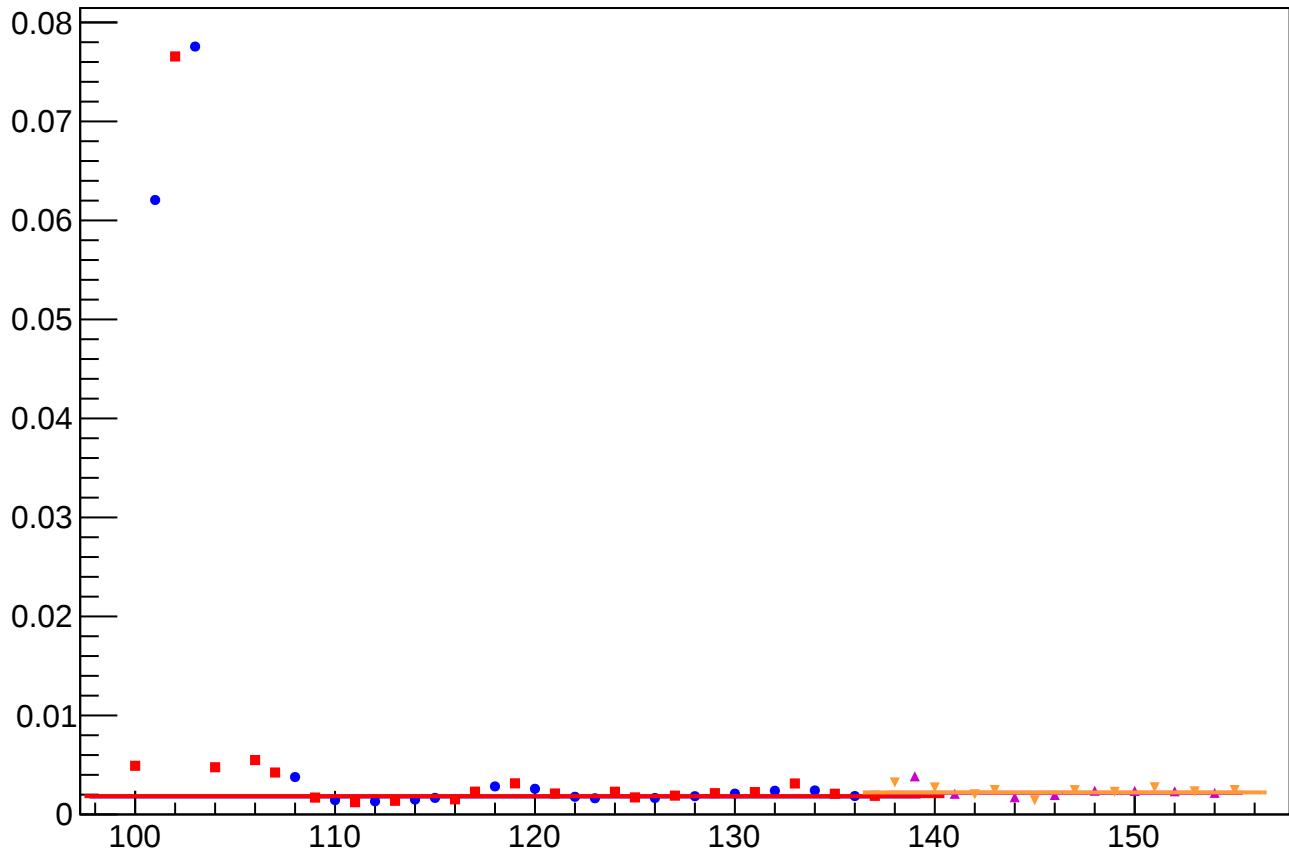
Right Out: 2.664+/-0.000 χ^2/NDF : 70484048082.1/19

Left In: 2.619+/-0.000 χ^2/NDF : 3822390258.3/7

2.655+/-0.000 χ^2/NDF : 174885808187.3/26

2.644+/-0.000 χ^2/NDF : 75581474982.3/27

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:607605.1/9

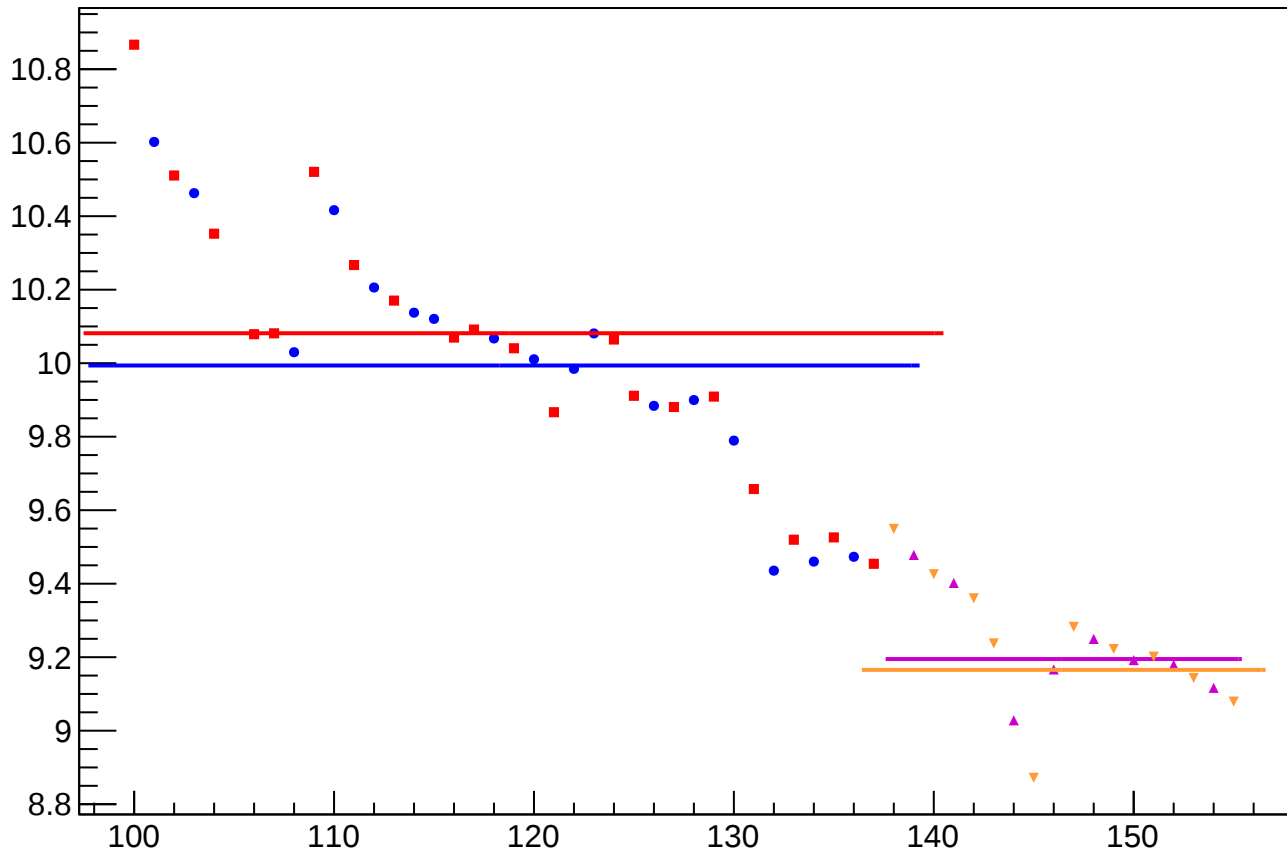
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2334243.7/19

Left In: 0.002 $\pm$ 0.000 χ^2 /NDF:391783.3/7

0.002 $\pm$ 0.000 χ^2 /NDF: 3475867.0/26

0.002 $\pm$ 0.000 χ^2 /NDF: 2866932.1/27

yield_sam8_mean vs Slug



Right In: 9.994 $\pm$ 0.000 χ^2 /NDF: 18815741664.6/16

Left Out: 9.165 $\pm$ 0.000 χ^2 /NDF: 4723891388.1/9

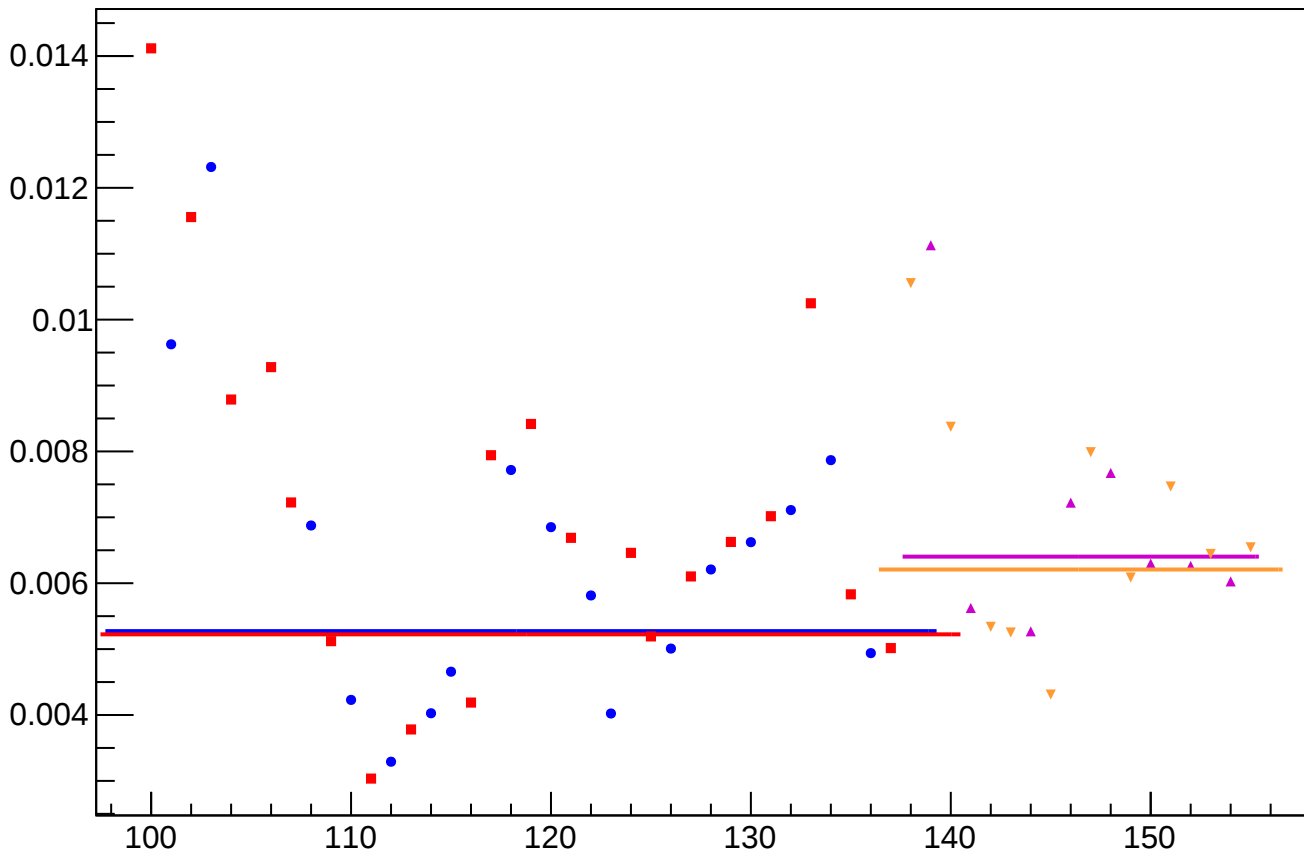
9.624 $\pm$ 0.000 χ^2 /NDF: 78881737905.3/26

Right Out: 10.082 $\pm$ 0.000 χ^2 /NDF: 15502760782.3/19

9.729 $\pm$ 0.000 χ^2 /NDF: 77824827960.8/27

Left In: 9.195 $\pm$ 0.000 χ^2 /NDF: 2031464917.8/7

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 : 655215.7/9

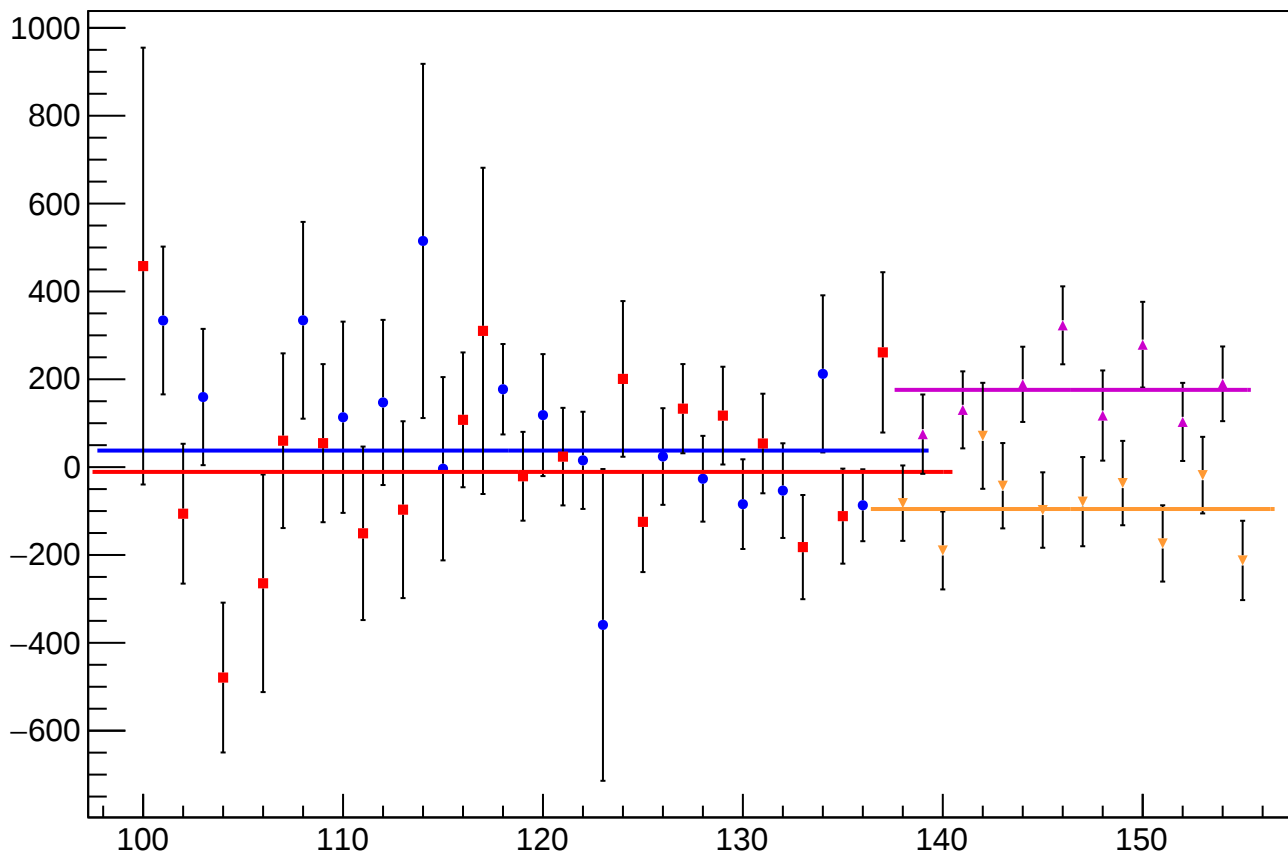
Right Out: 0.005+/-0.000 χ^2/NDF : 1667515.0/19

Left In: 0.006+/-0.000 χ^2/NDF : 388810.3/7

0.006+/-0.000 χ^2/NDF : 2041855.3/26

0.006+/-0.000 χ^2/NDF : 2269753.3/27

reg_asym_sam1_mean vs Slug



Right In: 37.694 $\pm$ 32.253 χ^2 /NDF: 16.7/16

Left Out: -95.354 $\pm$ 29.295 χ^2 /NDF: 7.0/9

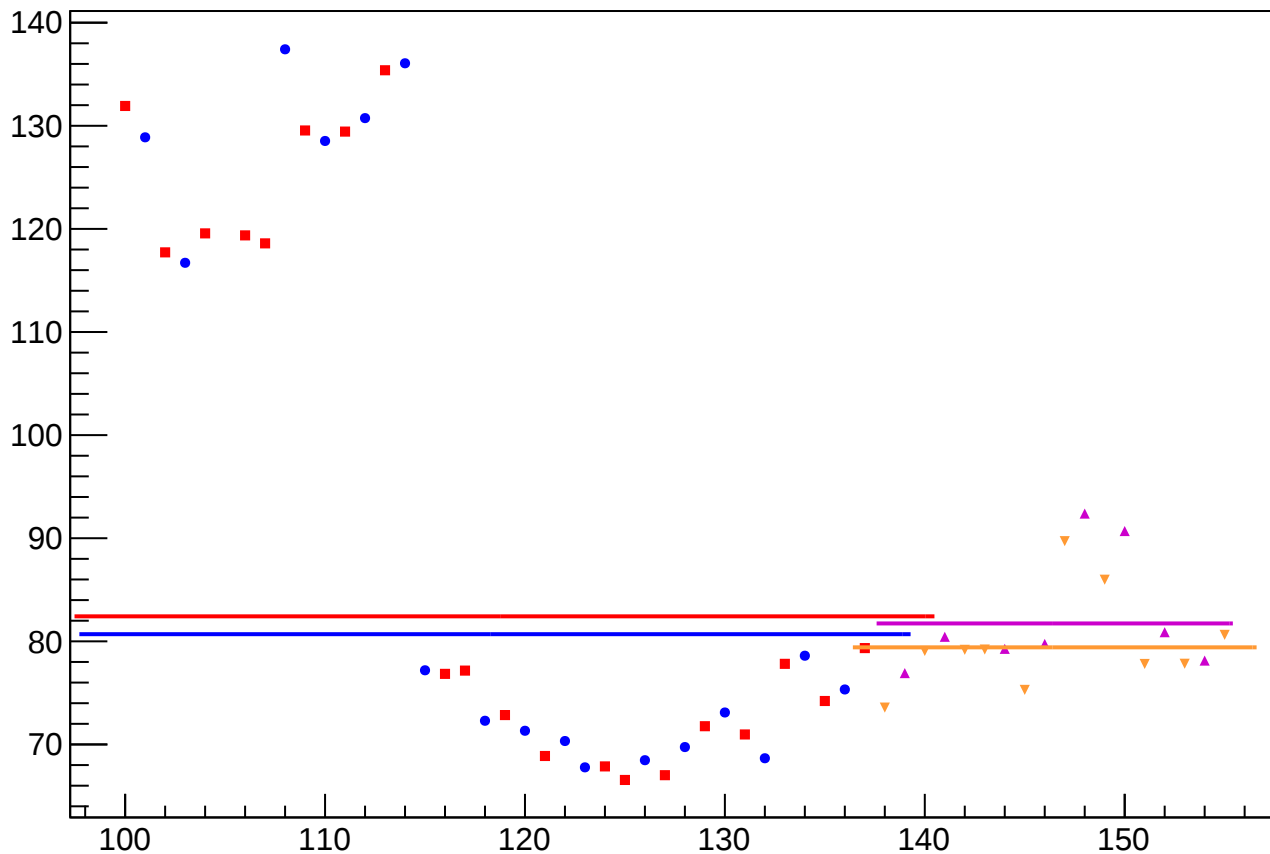
Right Out: -10.884 $\pm$ 31.947 χ^2 /NDF: 23.5/19

Left In: 175.900 $\pm$ 31.930 χ^2 /NDF: 6.4/7

-35.210 $\pm$ 21.685 χ^2 /NDF: 33.1/26

82.560 $\pm$ 22.584 χ^2 /NDF: 47.0/27

reg_asym_sam1_rms vs Slug



Right In: 80.694 $\pm$ 0.023 χ^2 /NDF: 814026.4/16

Left Out: 79.418 $\pm$ 0.021 χ^2 /NDF:45554.7/9

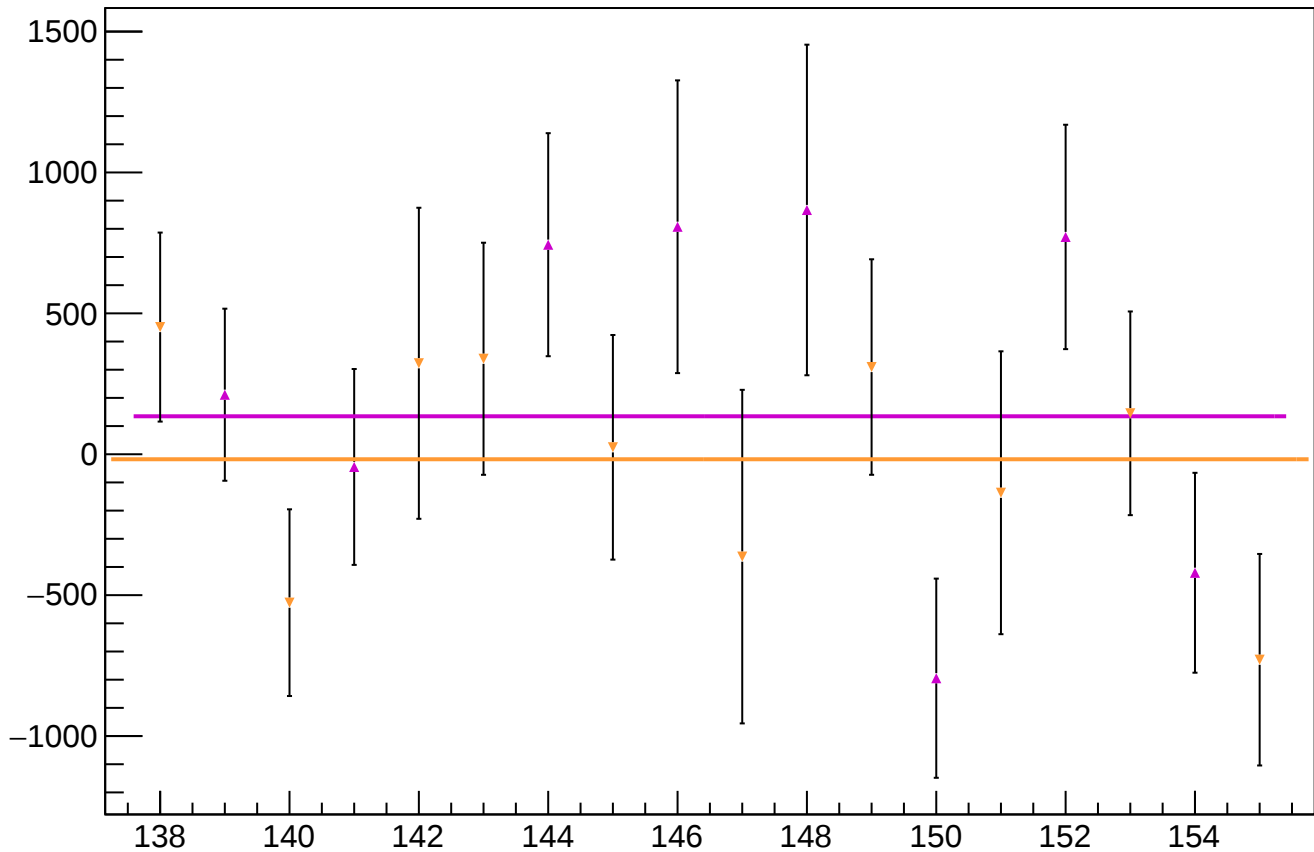
Right Out: 82.424 $\pm$ 0.023 χ^2 /NDF: 915282.5/19

Left In: 81.735 $\pm$ 0.023 χ^2 /NDF:50969.5/7

79.995 $\pm$ 0.015 χ^2 /NDF: 861298.2/26

82.080 $\pm$ 0.016 χ^2 /NDF: 966717.3/27

asym_sam1_correction_mean vs Slug



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

Left Out: -17.764+/-127.106 χ^2/NDF : 10.4/9

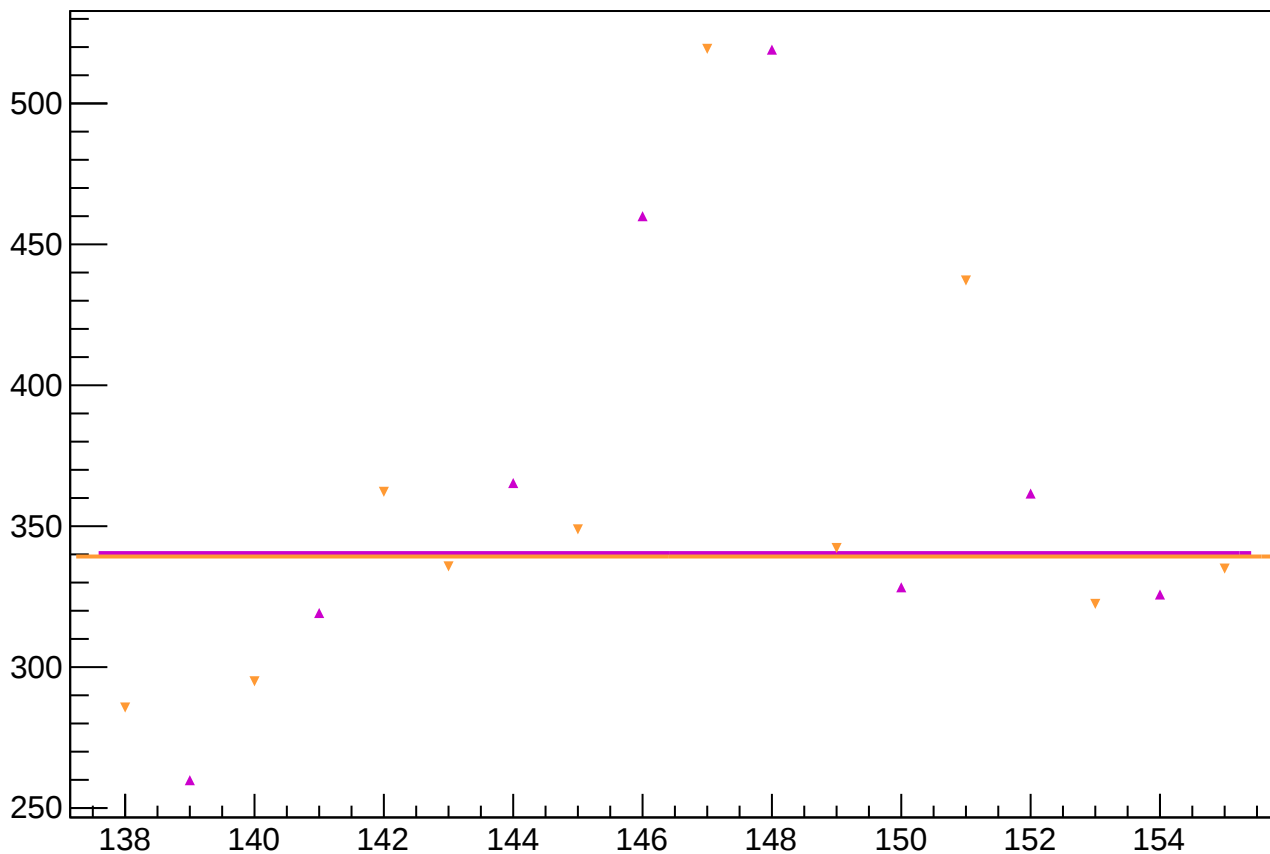
-17.764+/-127.106 χ^2/NDF : 10.4/9

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

134.749+/-135.743 χ^2/NDF : 17.9/7

Left In: 134.749+/-135.743 χ^2/NDF : 17.9/7

asym_sam1_correction_rms vs Slug



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

Left Out: 339.244+/-0.090 χ^2/NDF : 357654.4/9

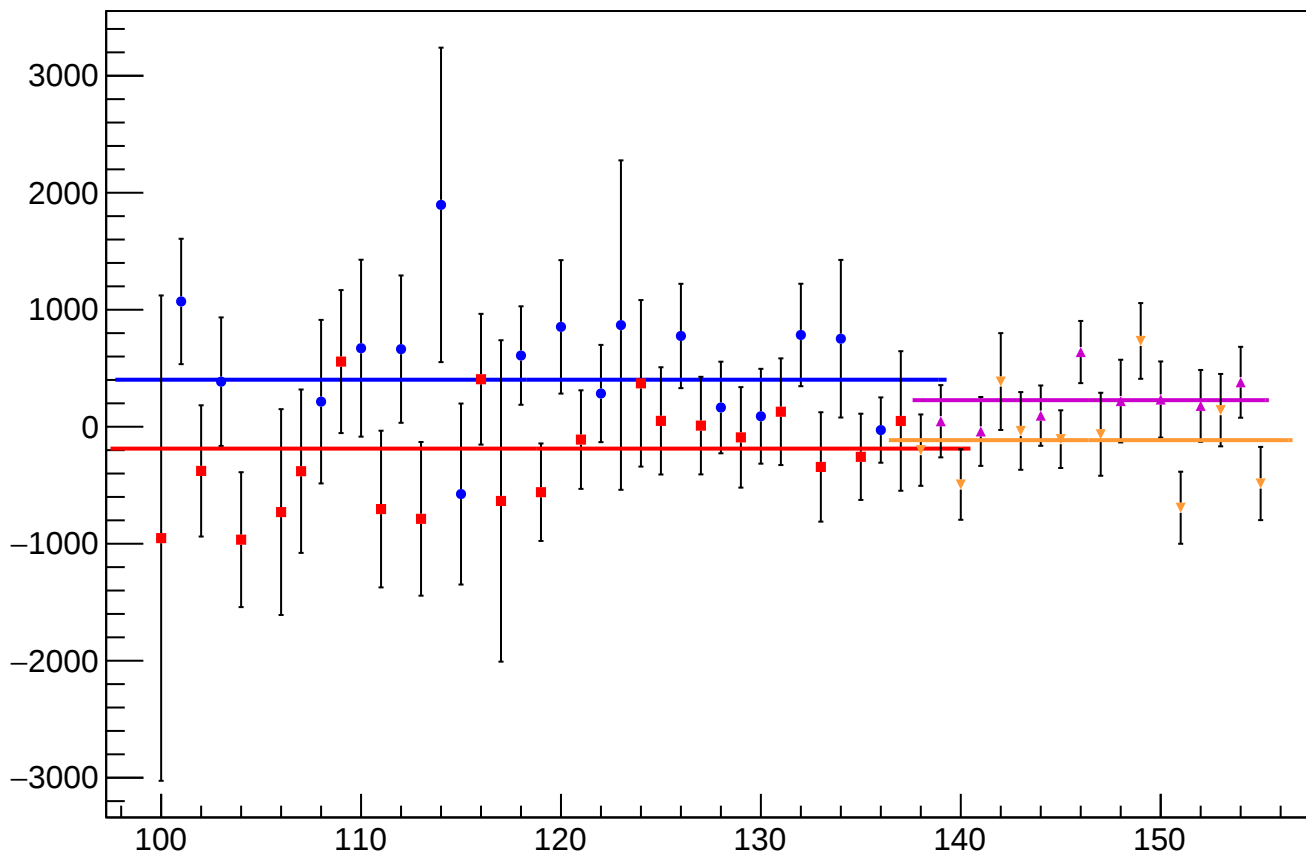
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 340.456+/-0.096 χ^2/NDF : 457523.1/7

339.244+/-0.090 χ^2/NDF : 357654.4/9

340.456+/-0.096 χ^2/NDF : 457523.1/7

reg_asym_sam2_mean vs Slug



Right In: 401.871 ± 121.048 χ^2/NDF : 10.9/16

Left Out: -114.727 ± 99.116 χ^2/NDF : 15.7/9

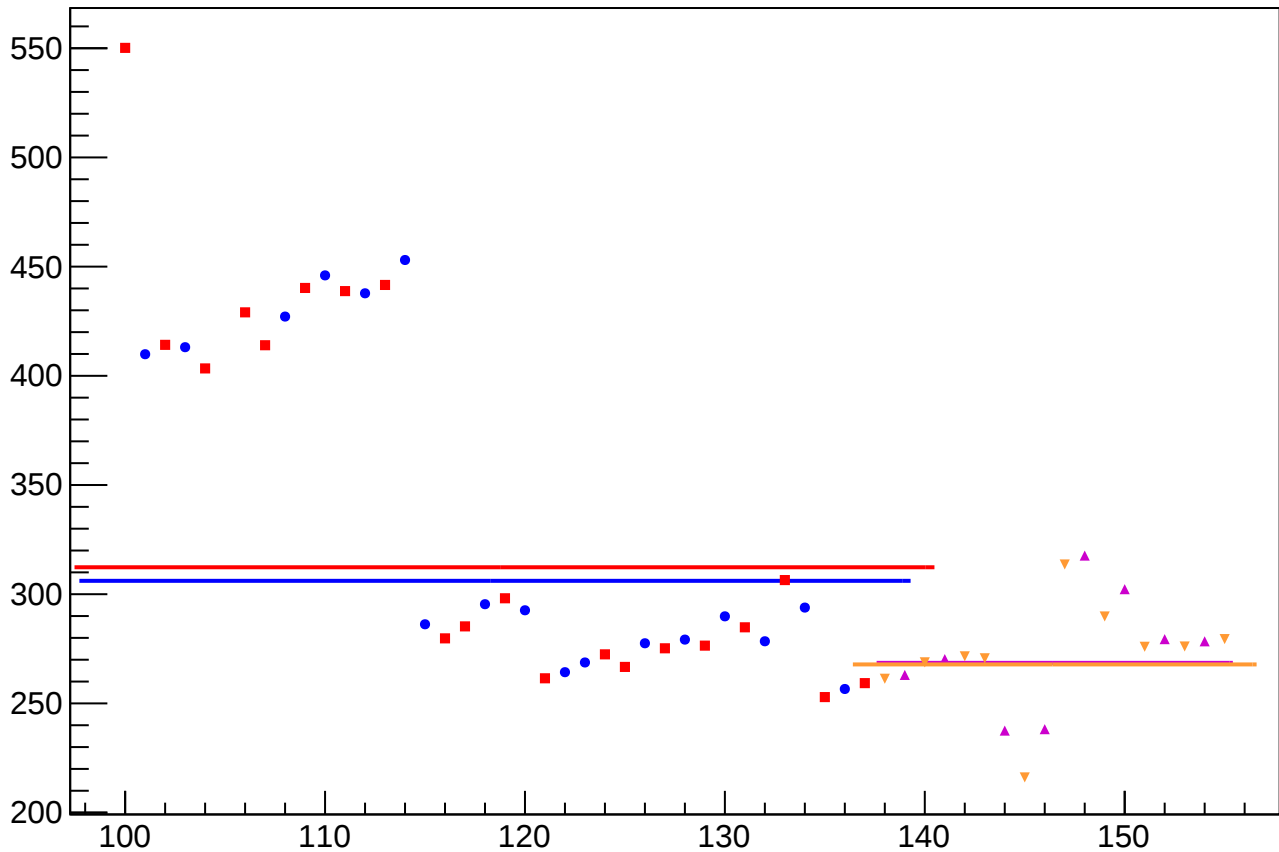
Right Out: -186.914 ± 119.879 χ^2/NDF : 9.4/19

Left In: 227.097 ± 105.285 χ^2/NDF : 4.1/7

92.616 ± 76.687 χ^2/NDF : 37.5/26

46.812 ± 79.107 χ^2/NDF : 20.3/27

reg_asym_sam2_rms vs Slug



Right In: 306.123+/-0.086 χ^2/NDF : 508435.8/16

Left Out: 267.845+/-0.070 χ^2/NDF : 137284.5/9

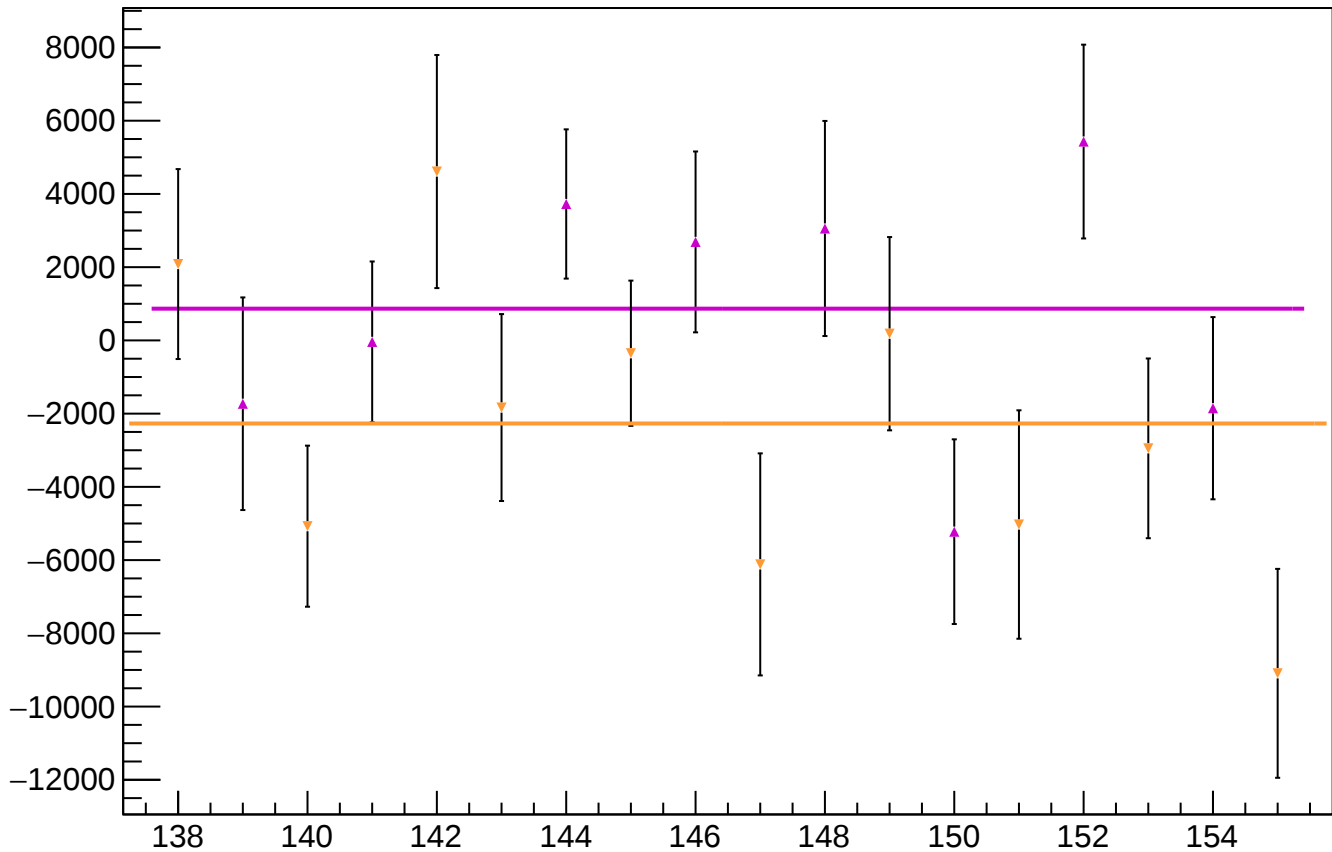
Right Out: 312.335+/-0.085 χ^2/NDF : 626552.3/19

Left In: 268.564+/-0.074 χ^2/NDF : 120577.8/7

283.208+/-0.054 χ^2/NDF : 765448.4/26

287.624+/-0.056 χ^2/NDF : 897657.1/27

asym_sam2_correction_mean vs Slug



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

Left Out: -2268.983+/-814.896 χ^2/NDF : 19.1/9

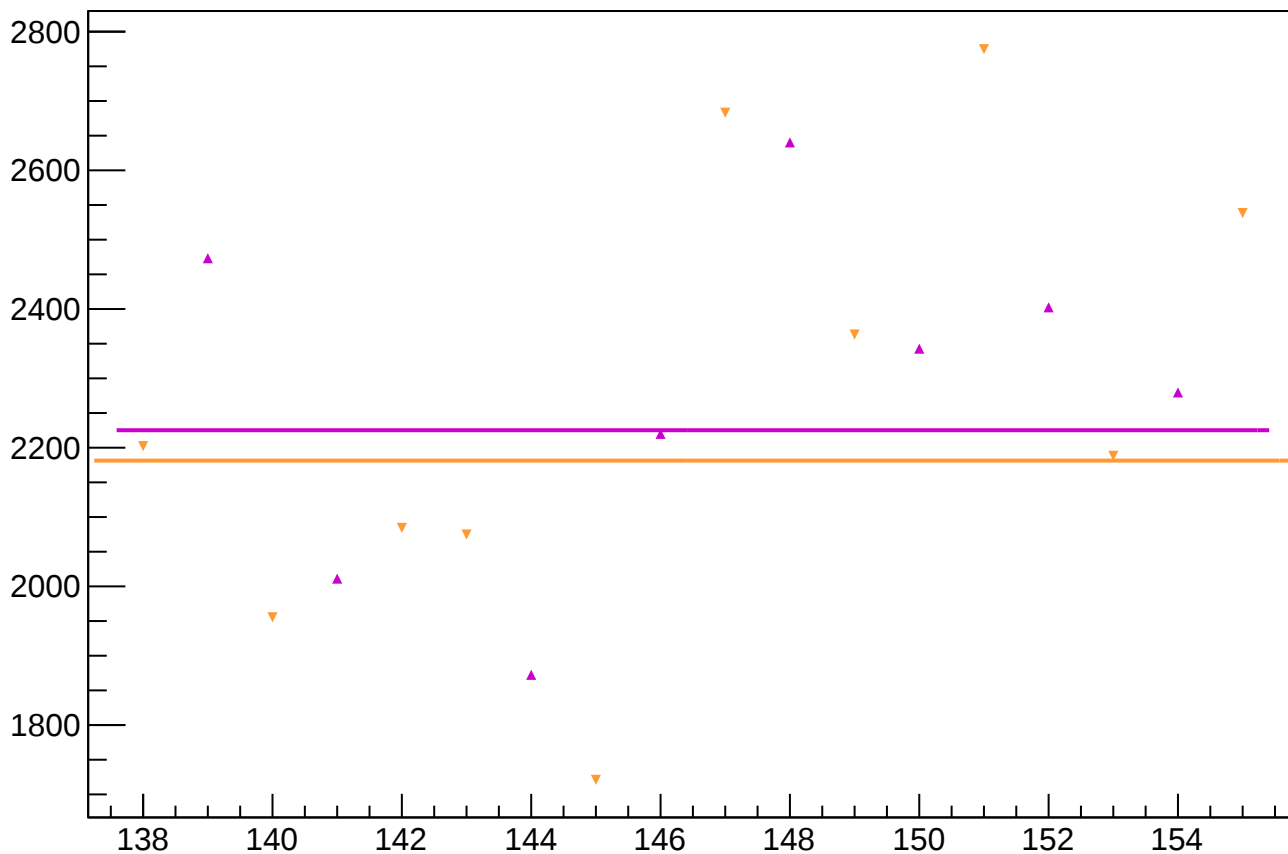
-2268.983+/-814.896 χ^2/NDF : 19.1/9

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

866.674+/-874.283 χ^2/NDF : 14.0/7

Left In: 866.674+/-874.283 χ^2/NDF : 14.0/7

asym_sam2_correction_rms vs Slug



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

Left Out: 2181.380+/-0.576 χ^2/NDF : 302337.7/9

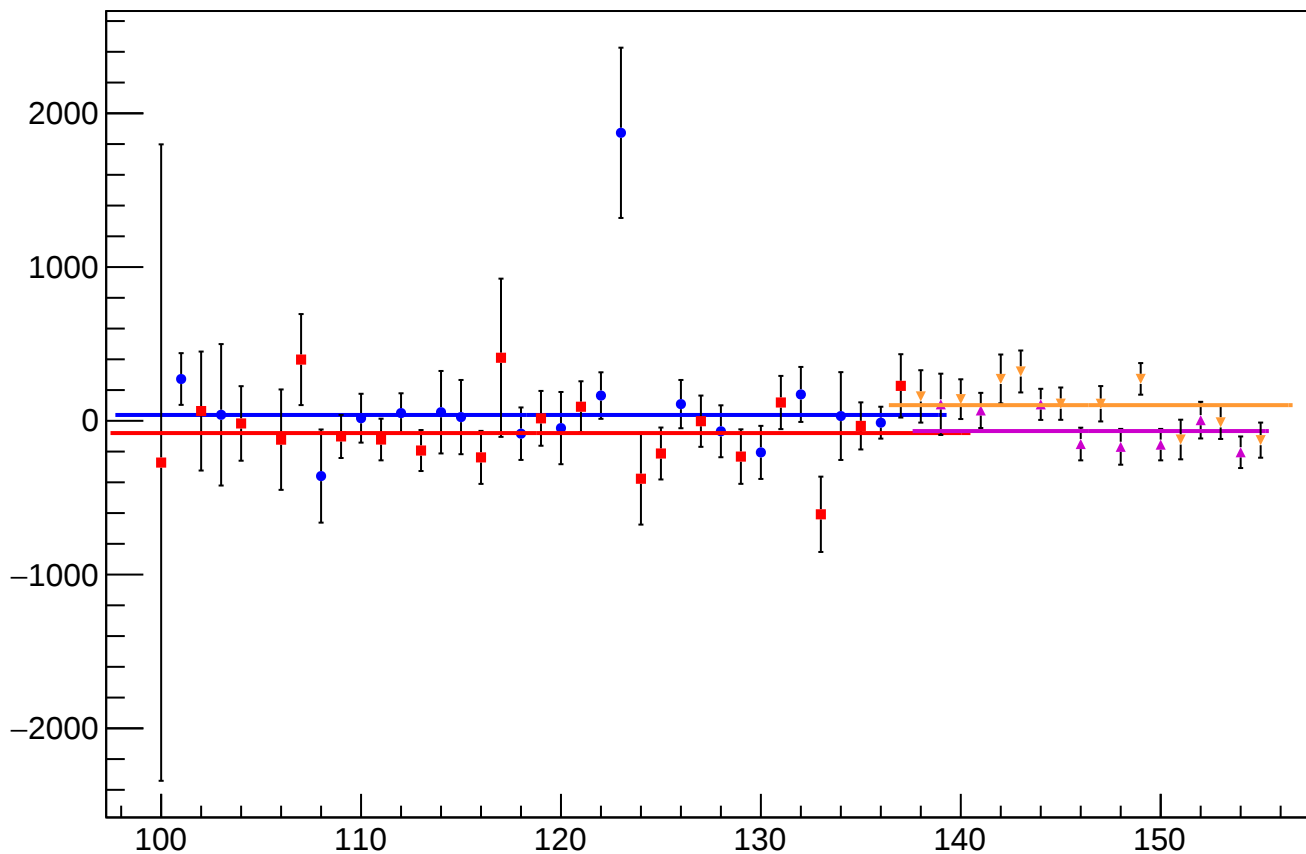
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2225.206+/-0.618 χ^2/NDF : 147760.1/7

2181.380+/-0.576 χ^2/NDF : 302337.7/9

2225.206+/-0.618 χ^2/NDF : 147760.1/7

reg_asym_sam3_mean vs Slug



Right In: 38.126+/-43.548 χ^2/NDF : 19.4/16

Left Out: 101.973+/-38.602 χ^2/NDF : 14.8/9

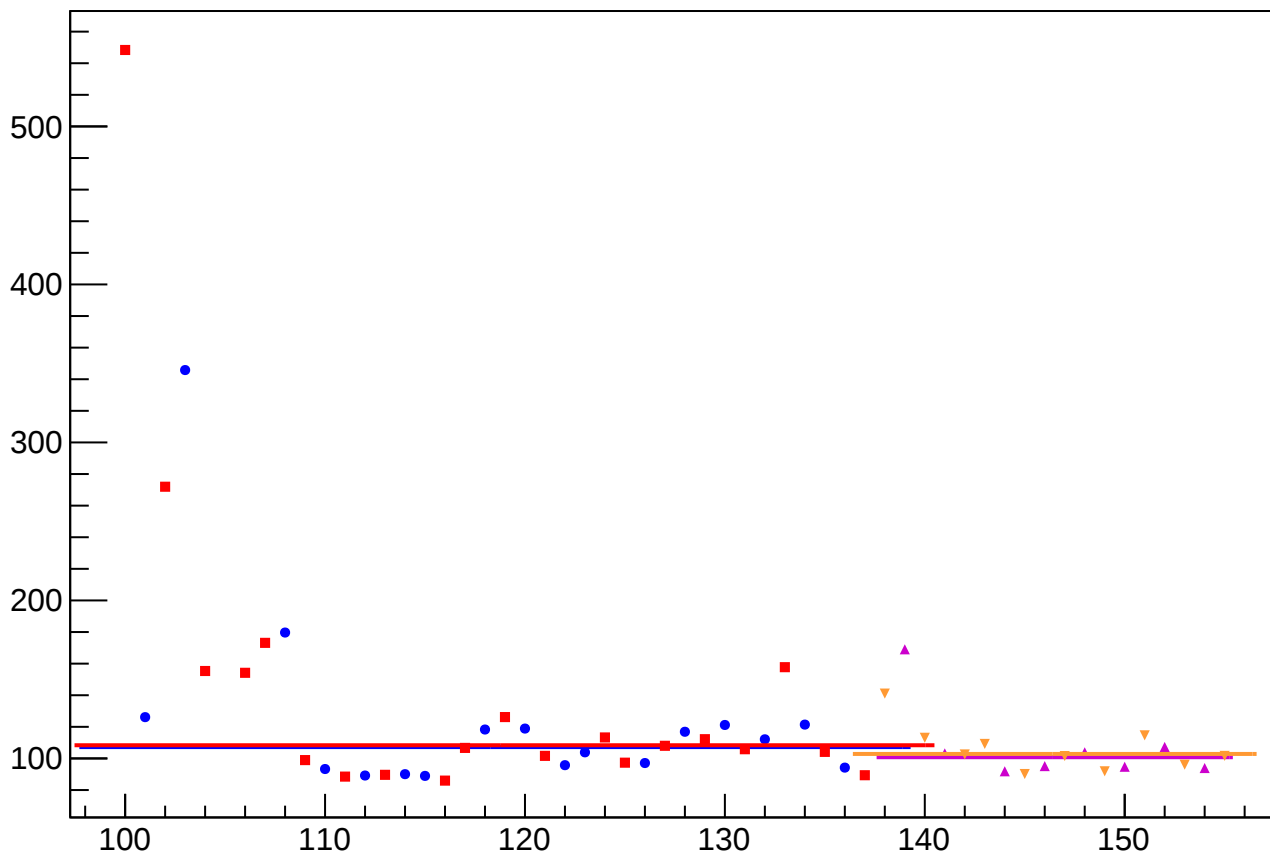
Right Out: -79.665+/-42.948 χ^2/NDF : 17.6/19

Left In: -66.524+/-40.064 χ^2/NDF : 9.4/7

73.880+/-28.887 χ^2/NDF : 35.3/26

-72.638+/-29.296 χ^2/NDF : 27.1/27

reg_asym_sam3_rms vs Slug



Right In: 107.189+/-0.031 χ^2/NDF : 843115.1/16

Left Out: 102.842+/-0.027 χ^2/NDF :194637.2/9

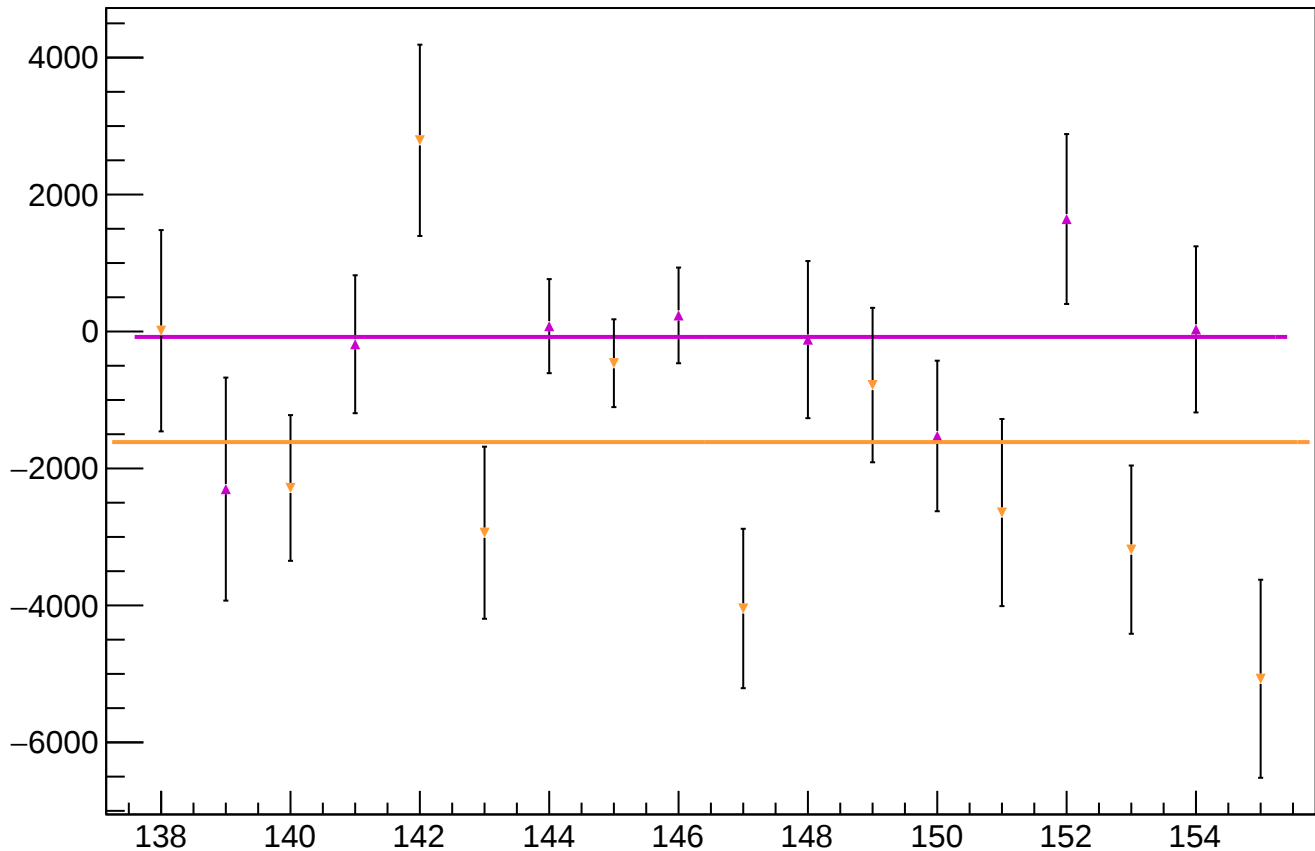
Right Out: 108.347+/-0.030 χ^2/NDF : 917309.2/19

Left In: 100.770+/-0.028 χ^2/NDF :280210.8/7

104.755+/-0.020 χ^2/NDF : 1048911.2/26

104.296+/-0.021 χ^2/NDF : 1230801.8/27

asym_sam3_correction_mean vs Slug



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

Left Out: -1614.850+/-350.809 χ^2/NDF : 28.7/9

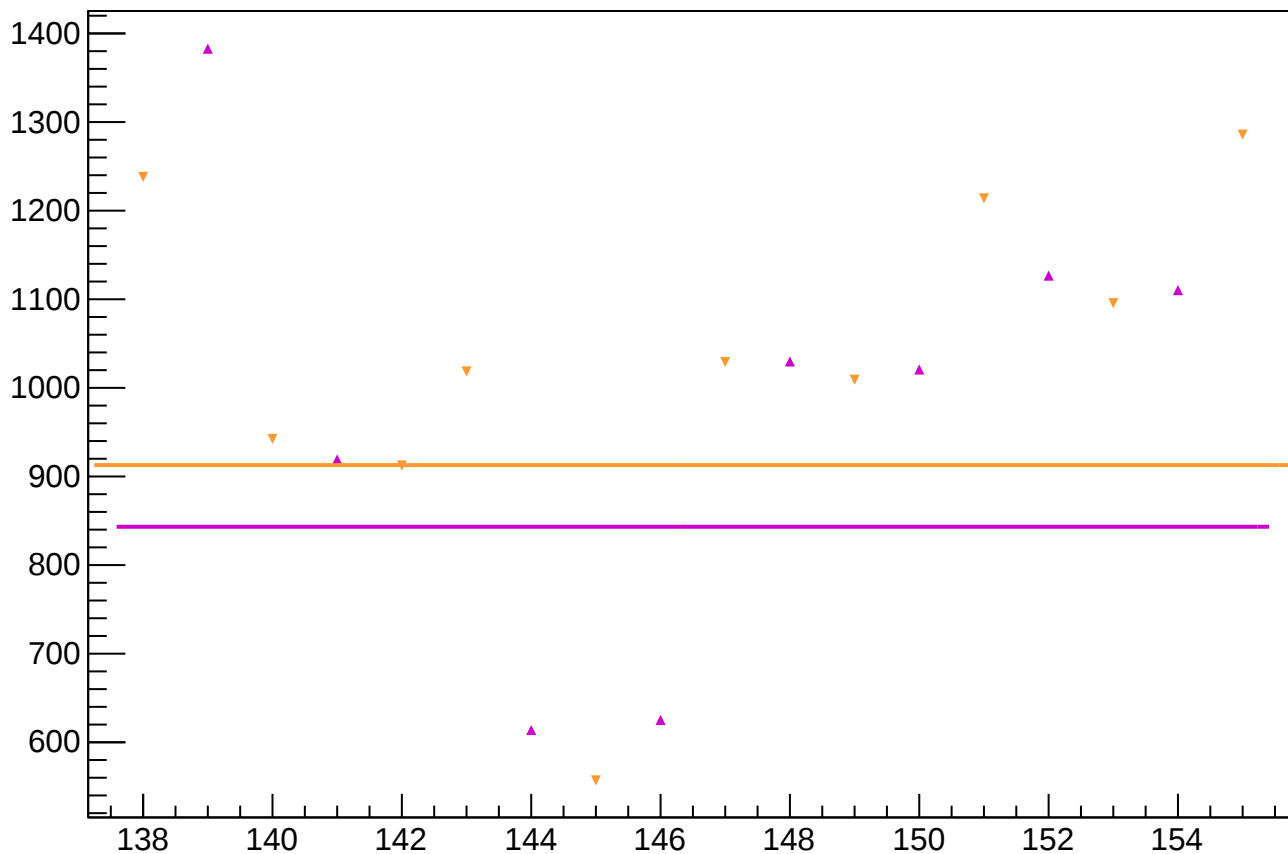
-1614.850+/-350.809 χ^2/NDF : 28.7/9

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

-79.060+/-344.049 χ^2/NDF : 5.8/7

Left In: -79.060+/-344.049 χ^2/NDF : 5.8/7

asym_sam3_correction_rms vs Slug



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

Left Out: 912.832+/-0.248 χ^2/NDF :1038695.4/9

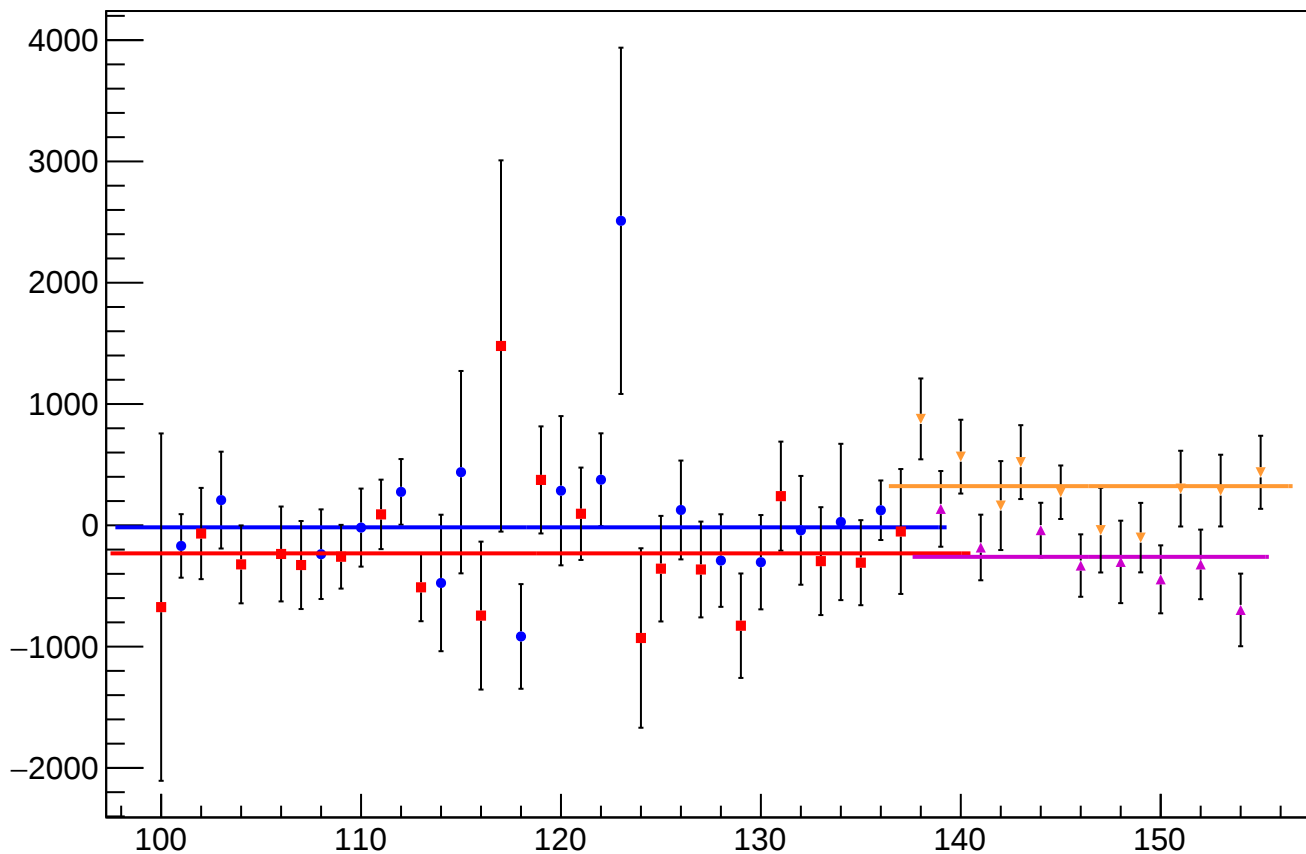
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 843.268+/-0.243 χ^2/NDF :955122.7/7

912.832+/-0.248 χ^2/NDF : 1038695.4/9

843.268+/-0.243 χ^2/NDF : 955122.7/7

reg_asym_sam4_mean vs Slug



Right In: -16.459 ± 93.285 χ^2/NDF : 13.4/16

Left Out: 323.059 ± 94.617 χ^2/NDF : 7.5/9

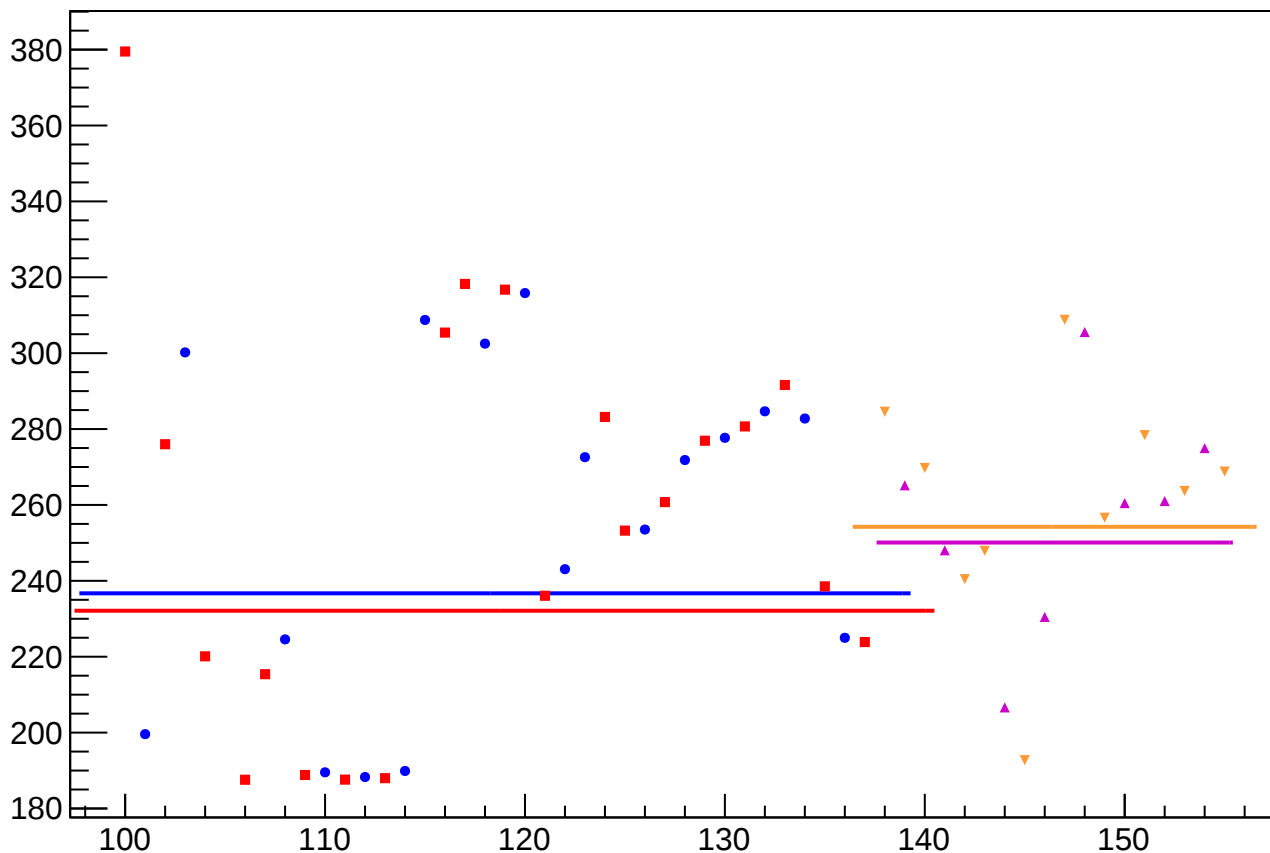
Right Out: -231.209 ± 88.787 χ^2/NDF : 11.6/19

Left In: -259.860 ± 98.327 χ^2/NDF : 5.4/7

150.893 ± 66.428 χ^2/NDF : 27.5/26

-244.078 ± 65.897 χ^2/NDF : 17.0/27

reg_asym_sam4_rms vs Slug



Right In: 236.706 ± 0.066 χ^2/NDF : 390344.9/16

Left Out: 254.233 ± 0.067 χ^2/NDF : 248649.0/9

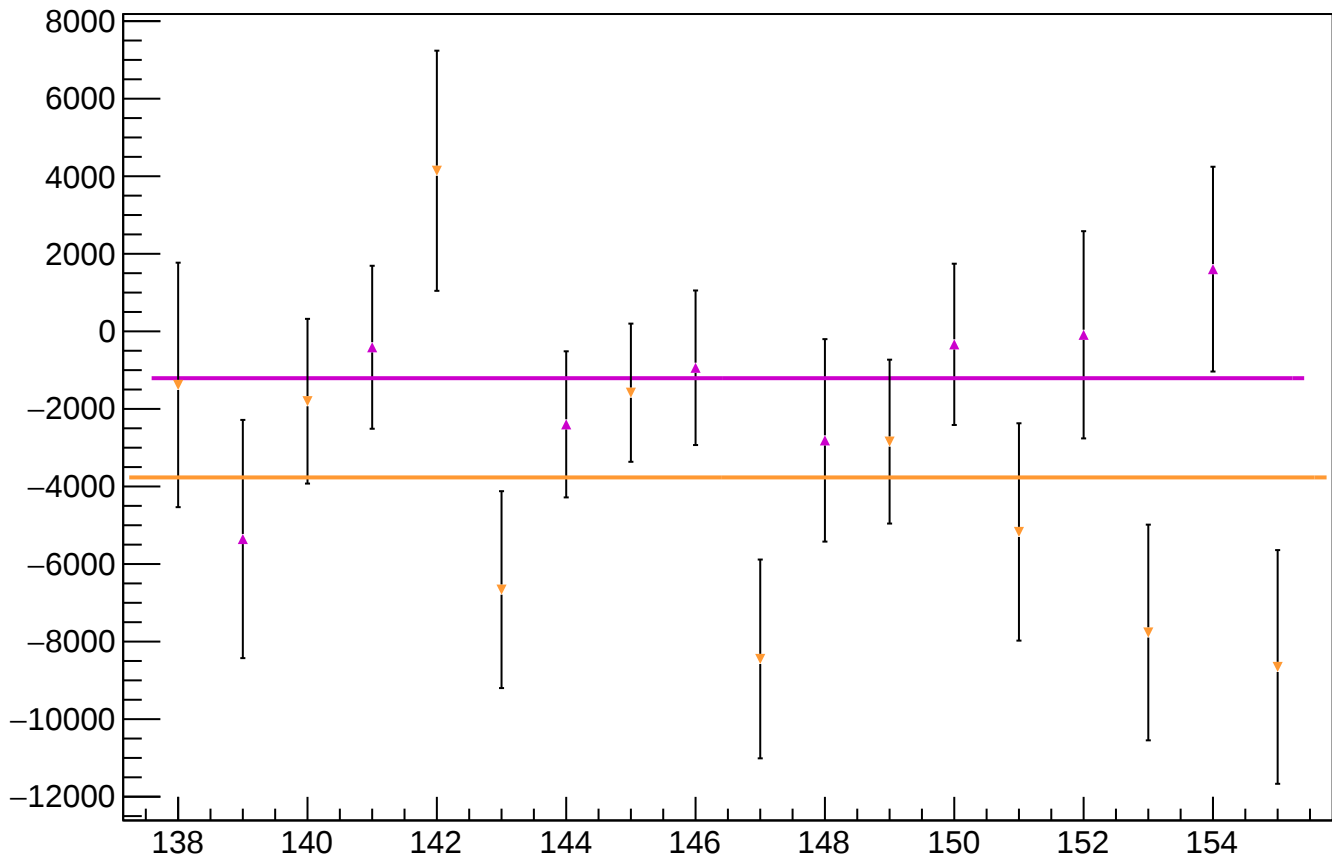
Right Out: 232.119 ± 0.063 χ^2/NDF : 449633.1/19

Left In: 250.093 ± 0.070 χ^2/NDF : 163447.8/7

245.345 ± 0.047 χ^2/NDF : 673794.3/26

240.192 ± 0.047 χ^2/NDF : 649893.3/27

asym_sam4_correction_mean vs Slug



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

Left Out: -3766.645+/-780.929 χ^2/NDF : 19.2/9

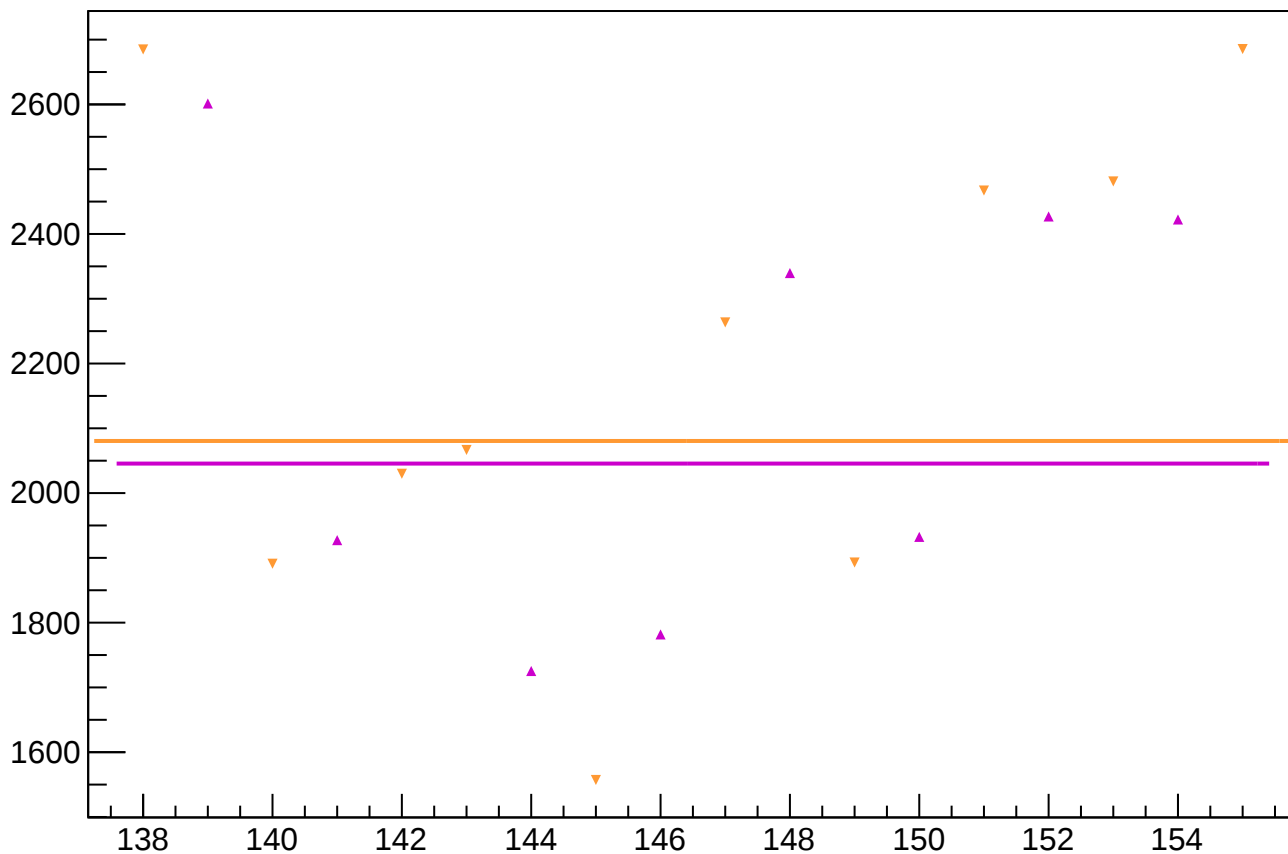
-3766.645+/-780.929 χ^2/NDF : 19.2/9

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

-1207.686+/-809.094 χ^2/NDF : 4.2/7

Left In: -1207.686+/-809.094 χ^2/NDF : 4.2/7

asym_sam4_correction_rms vs Slug



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

Left Out: 2080.447+/-0.552 χ^2/NDF : 448772.9/9

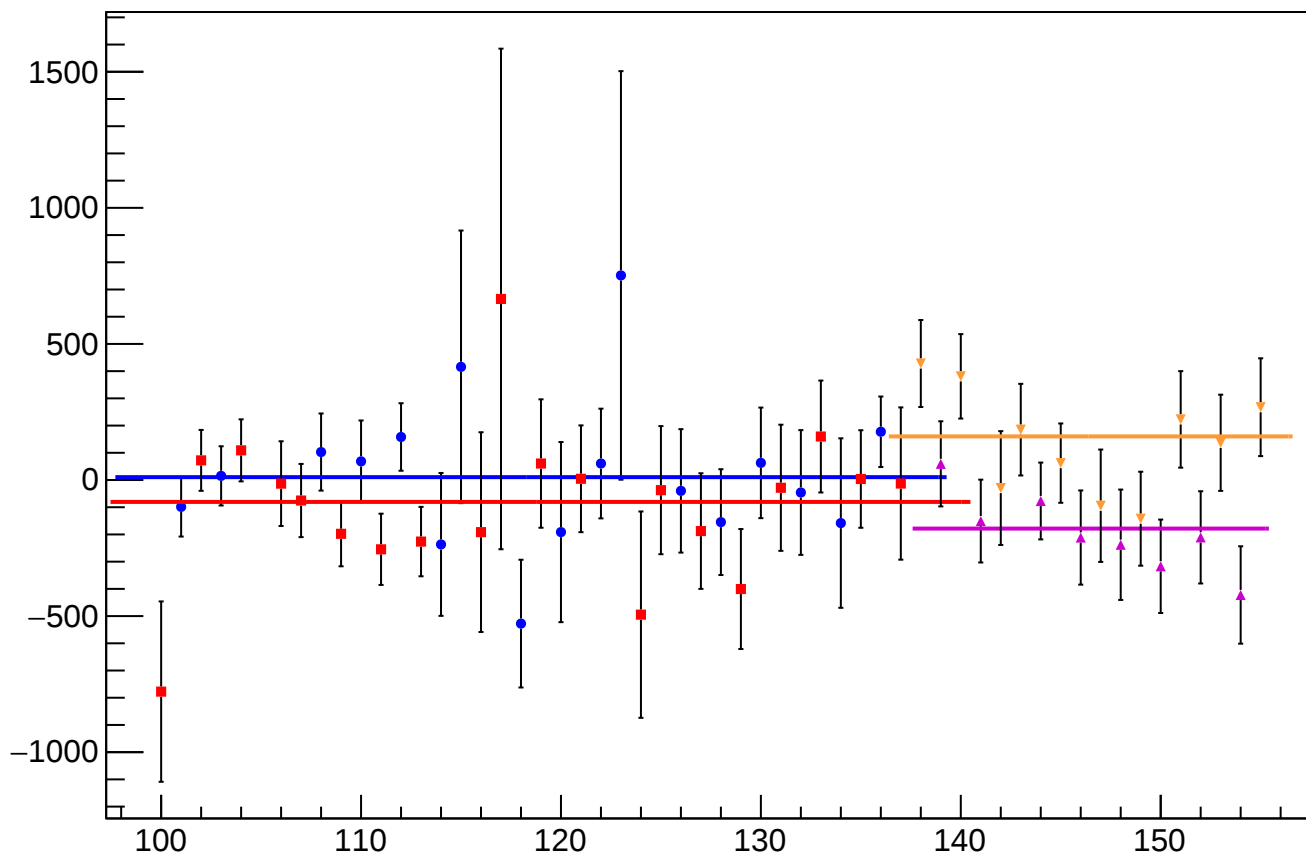
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2045.548+/-0.572 χ^2/NDF : 277462.6/7

2080.447+/-0.552 χ^2/NDF : 448772.9/9

2045.548+/-0.572 χ^2/NDF : 277462.6/7

reg_asym_sam5_mean vs Slug



Right In: 10.530+/-42.294 χ^2/NDF : 14.1/16

Left Out: 160.216+/-54.414 χ^2/NDF : 11.2/9

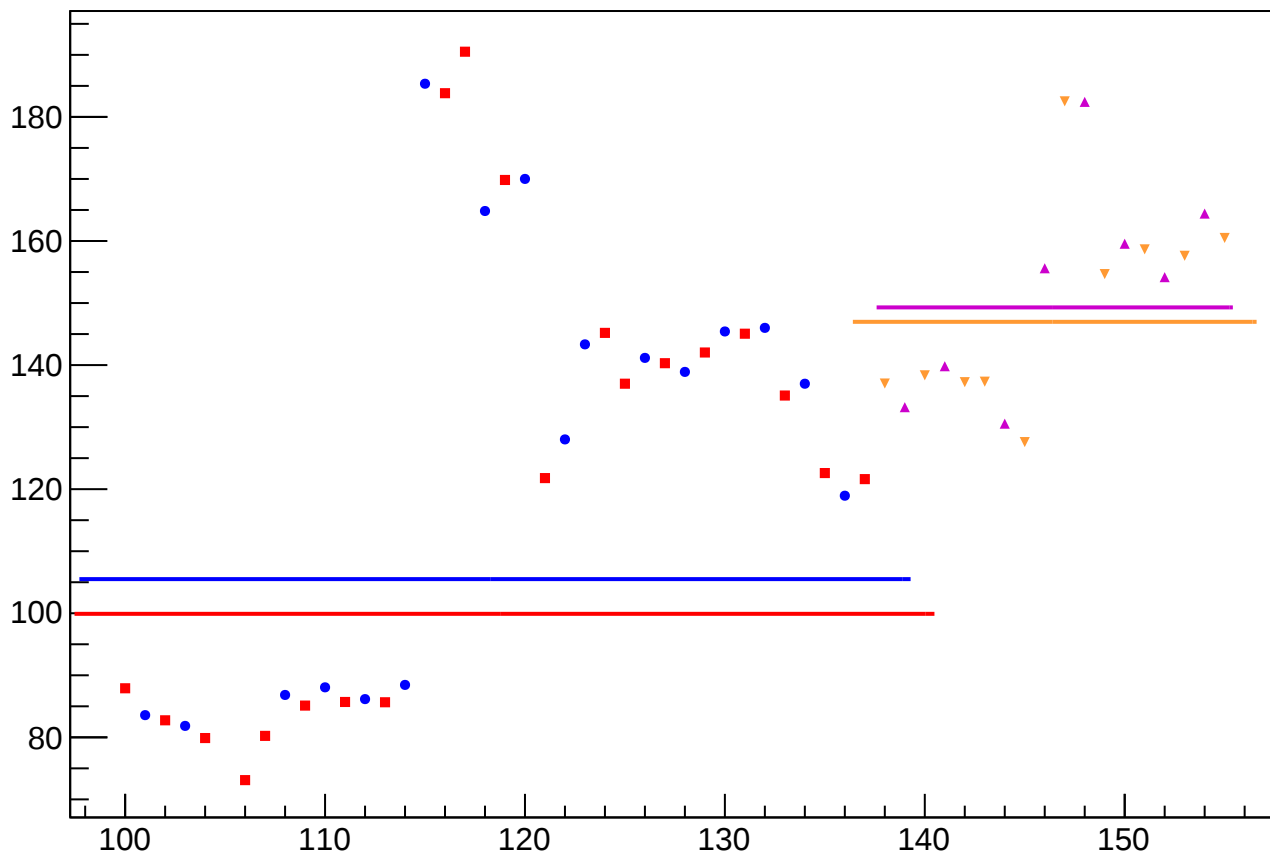
Right Out: -80.462+/-38.950 χ^2/NDF : 19.9/19

Left In: -178.445+/-58.519 χ^2/NDF : 5.5/7

66.905+/-33.393 χ^2/NDF : 30.0/26

-110.543+/-32.424 χ^2/NDF : 27.3/27

reg_asym_sam5_rms vs Slug



Right In: 105.503+/-0.030 χ^2/NDF : 869022.6/16

Left Out: 146.973+/-0.038 χ^2/NDF : 150719.3/9

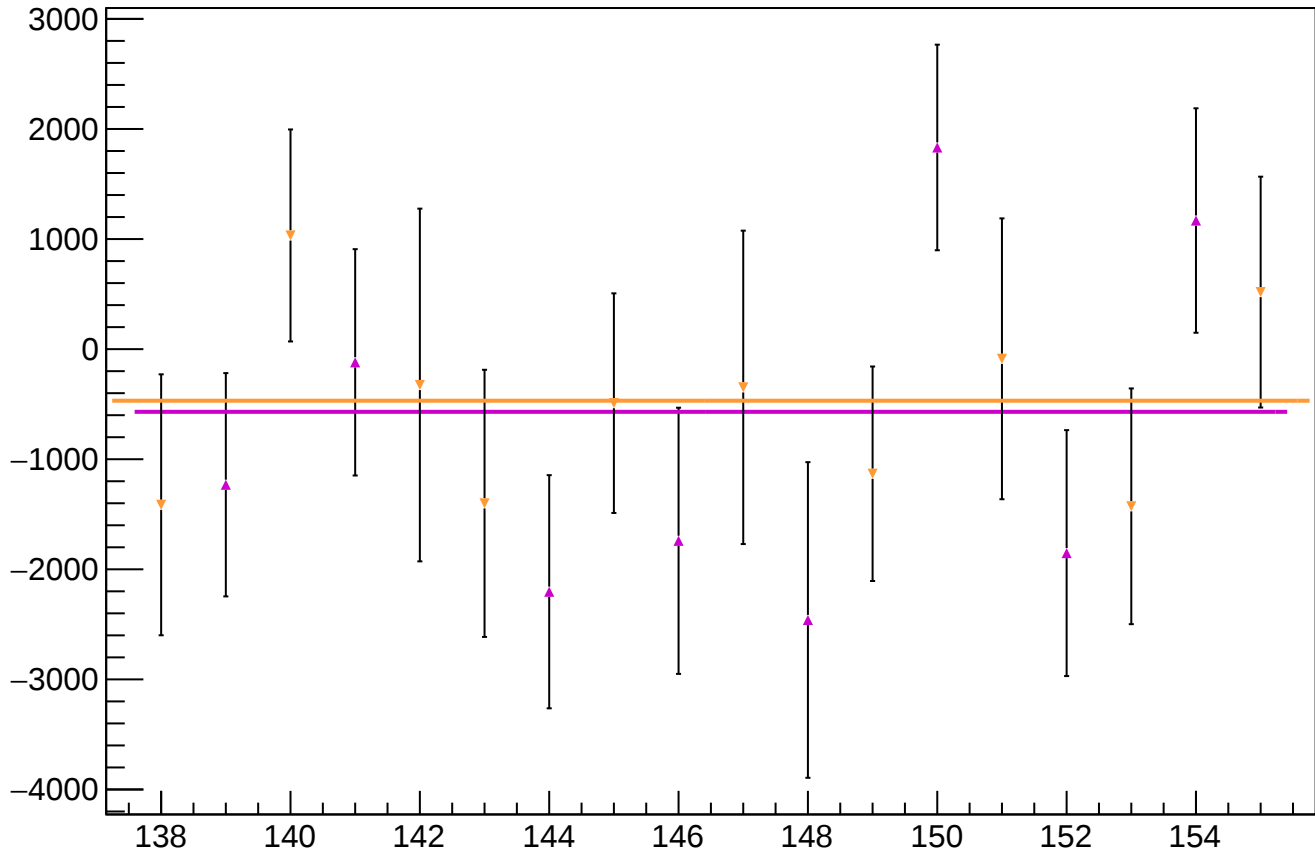
Right Out: 99.907+/-0.028 χ^2/NDF : 1019545.3/19

Left In: 149.297+/-0.041 χ^2/NDF : 143305.1/7

121.121+/-0.024 χ^2/NDF : 1743915.1/26

115.070+/-0.023 χ^2/NDF : 2150153.9/27

asym_sam5_correction_mean vs Slug



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

Left Out: -468.281+/-357.882 χ^2/NDF : 5.9/9

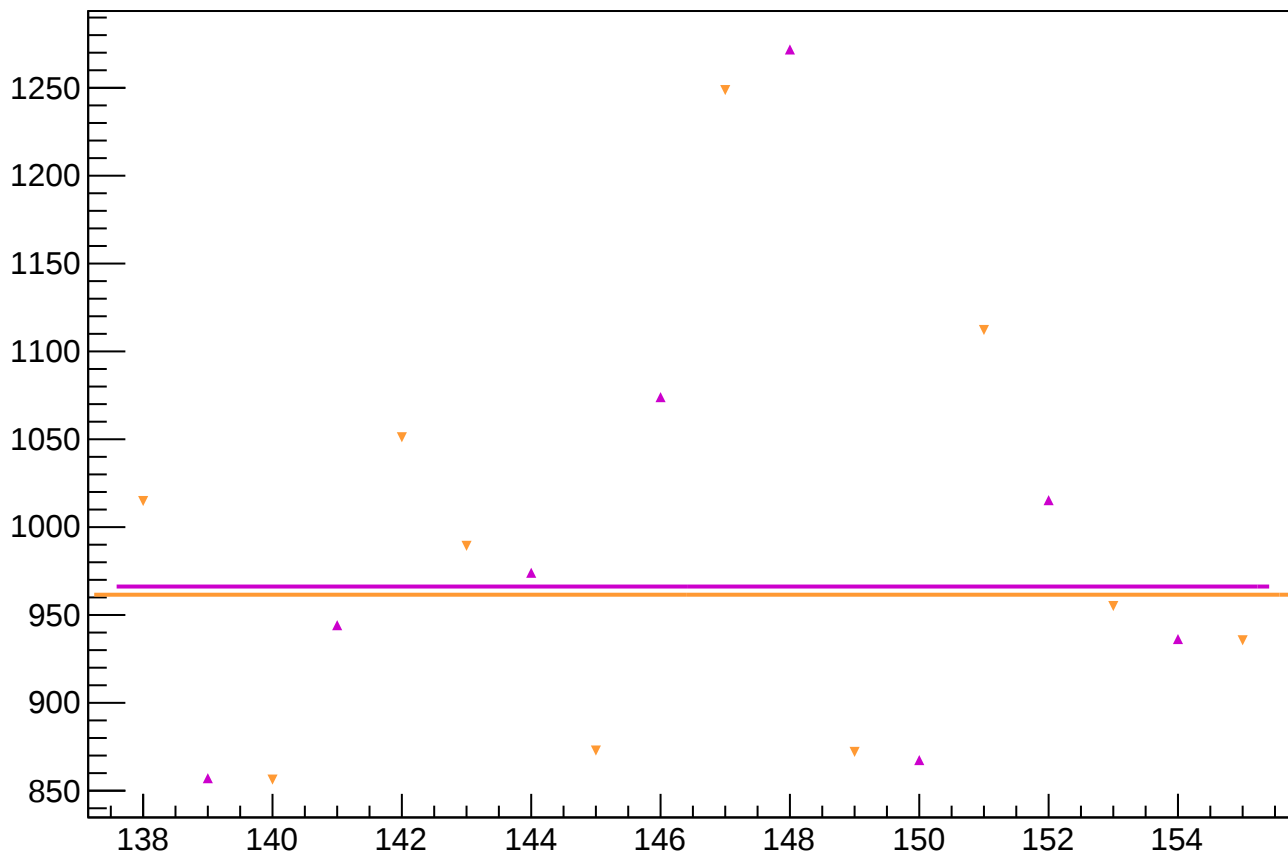
-468.281+/-357.882 χ^2/NDF : 5.9/9

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

-569.416+/-380.943 χ^2/NDF : 16.5/7

Left In: -569.416+/-380.943 χ^2/NDF : 16.5/7

asym_sam5_correction_rms vs Slug



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

Left Out: 961.536+/-0.253 χ^2/NDF : 178502.0/9

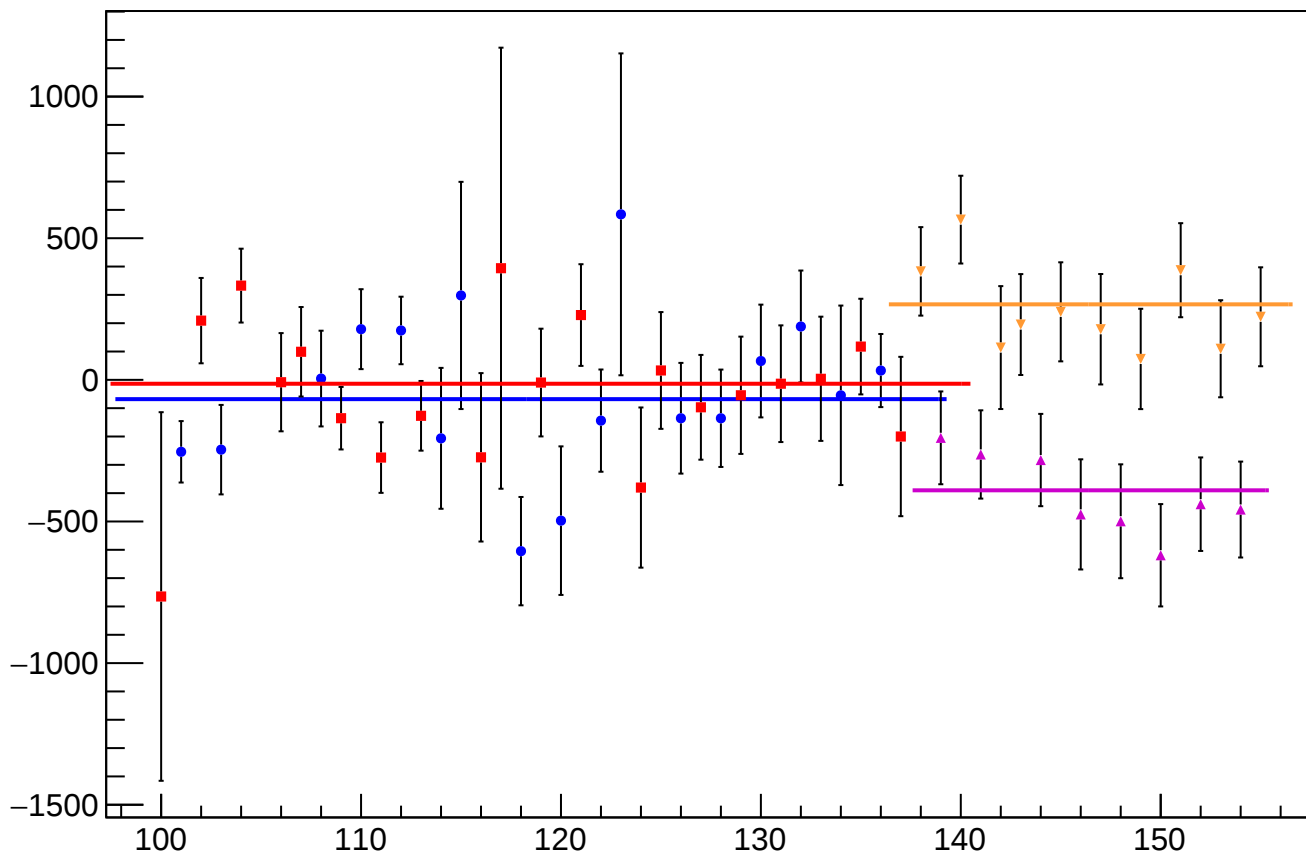
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 966.191+/-0.269 χ^2/NDF : 158920.6/7

961.536+/-0.253 χ^2/NDF : 178502.0/9

966.191+/-0.269 χ^2/NDF : 158920.6/7

reg_asym_sam6_mean vs Slug



Right In: -68.111 ± 42.265 $\chi^2/\text{NDF}: 27.8/16$

Left Out: 266.563 ± 55.092 $\chi^2/\text{NDF}: 7.8/9$

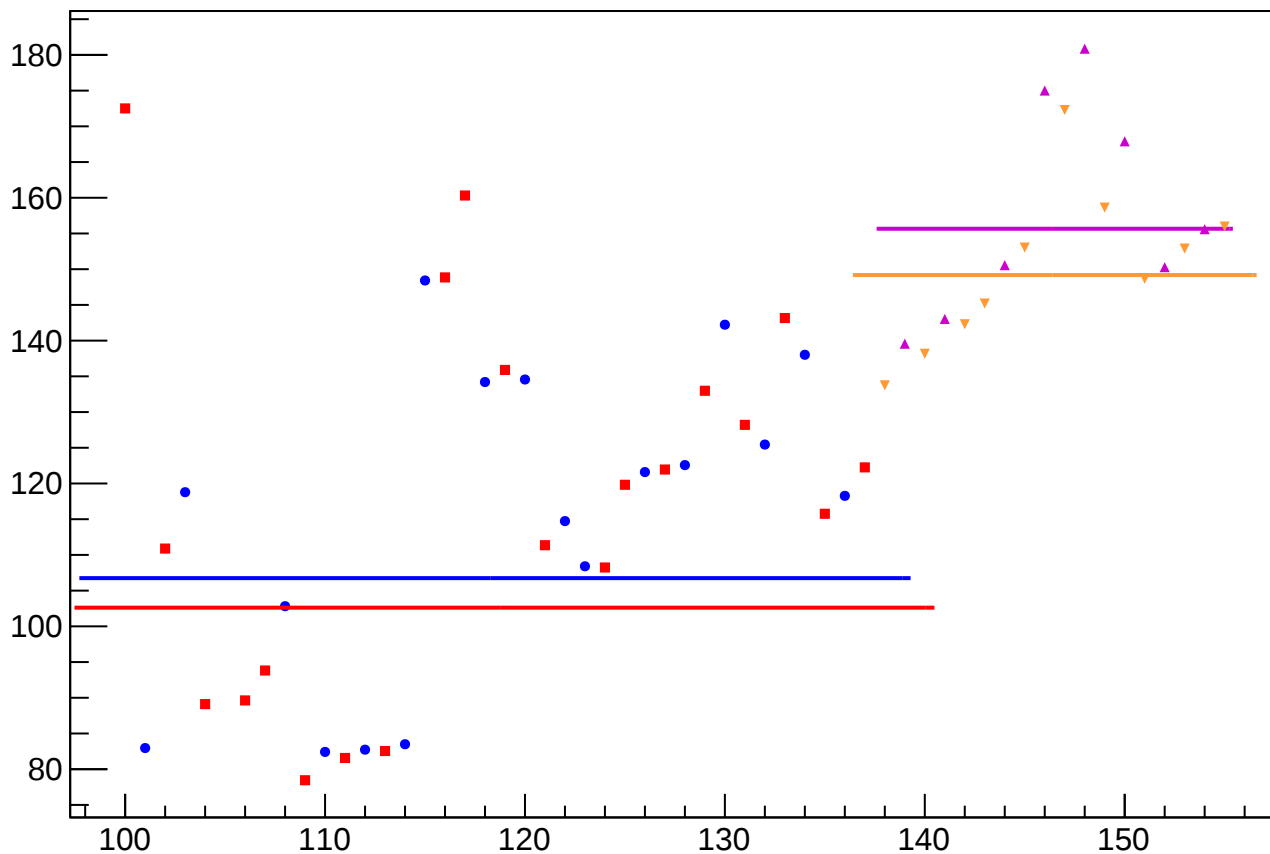
Right Out: -13.752 ± 39.416 $\chi^2/\text{NDF}: 23.4/19$

Left In: -389.972 ± 60.906 $\chi^2/\text{NDF}: 4.7/7$

55.885 ± 33.534 $\chi^2/\text{NDF}: 58.8/26$

-124.807 ± 33.091 $\chi^2/\text{NDF}: 55.0/27$

reg_asym_sam6_rms vs Slug



Right In: 106.749 $\pm$ 0.030 χ^2 /NDF: 501742.8/16

Left Out: 149.183 $\pm$ 0.039 χ^2 /NDF: 71399.5/9

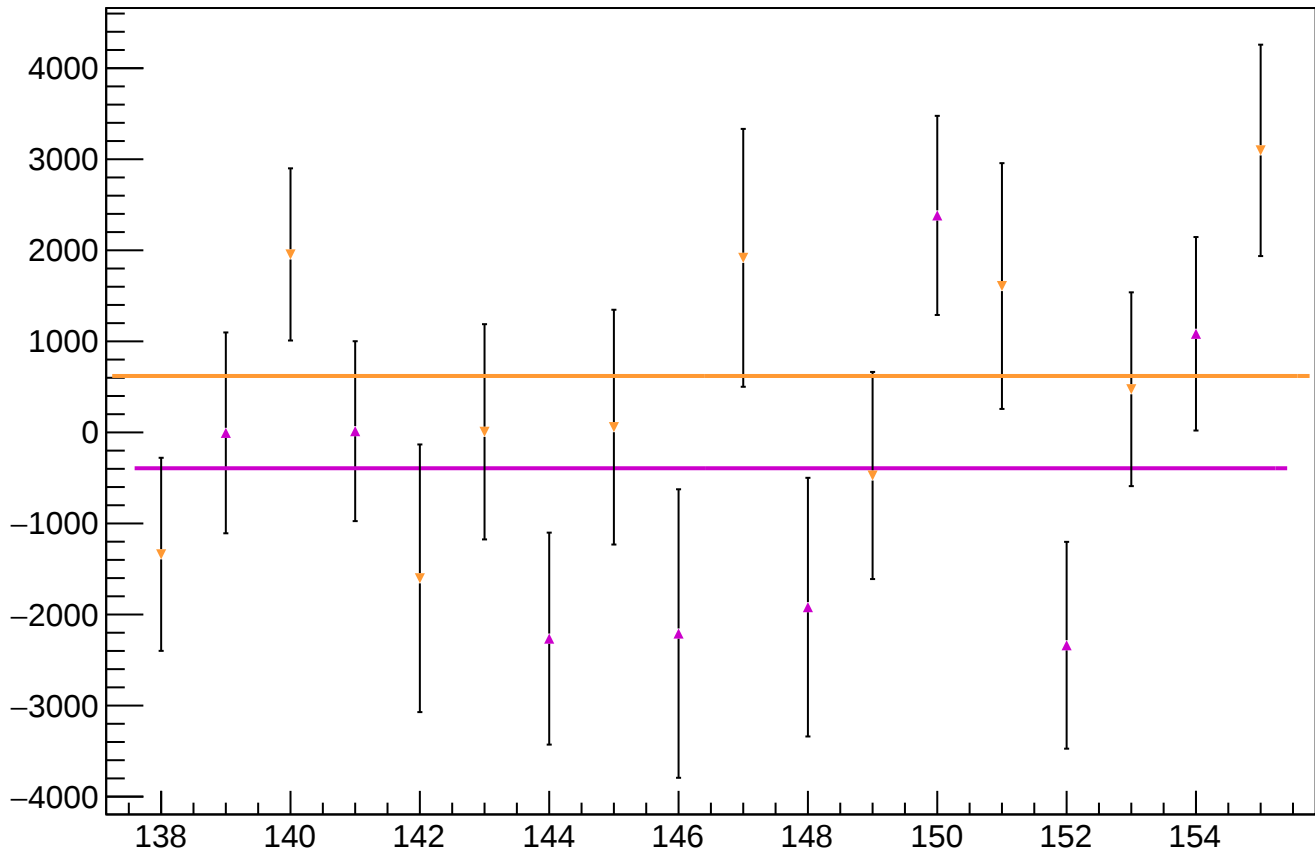
Right Out: 102.615 $\pm$ 0.028 χ^2 /NDF: 600357.6/19

Left In: 155.663 $\pm$ 0.043 χ^2 /NDF: 96959.1/7

122.471 $\pm$ 0.024 χ^2 /NDF: 1320059.2/26

118.274 $\pm$ 0.023 χ^2 /NDF: 1766637.5/27

asym_sam6_correction_mean vs Slug



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

Left Out: 619.784+/-371.786 χ^2/NDF : 15.0/9

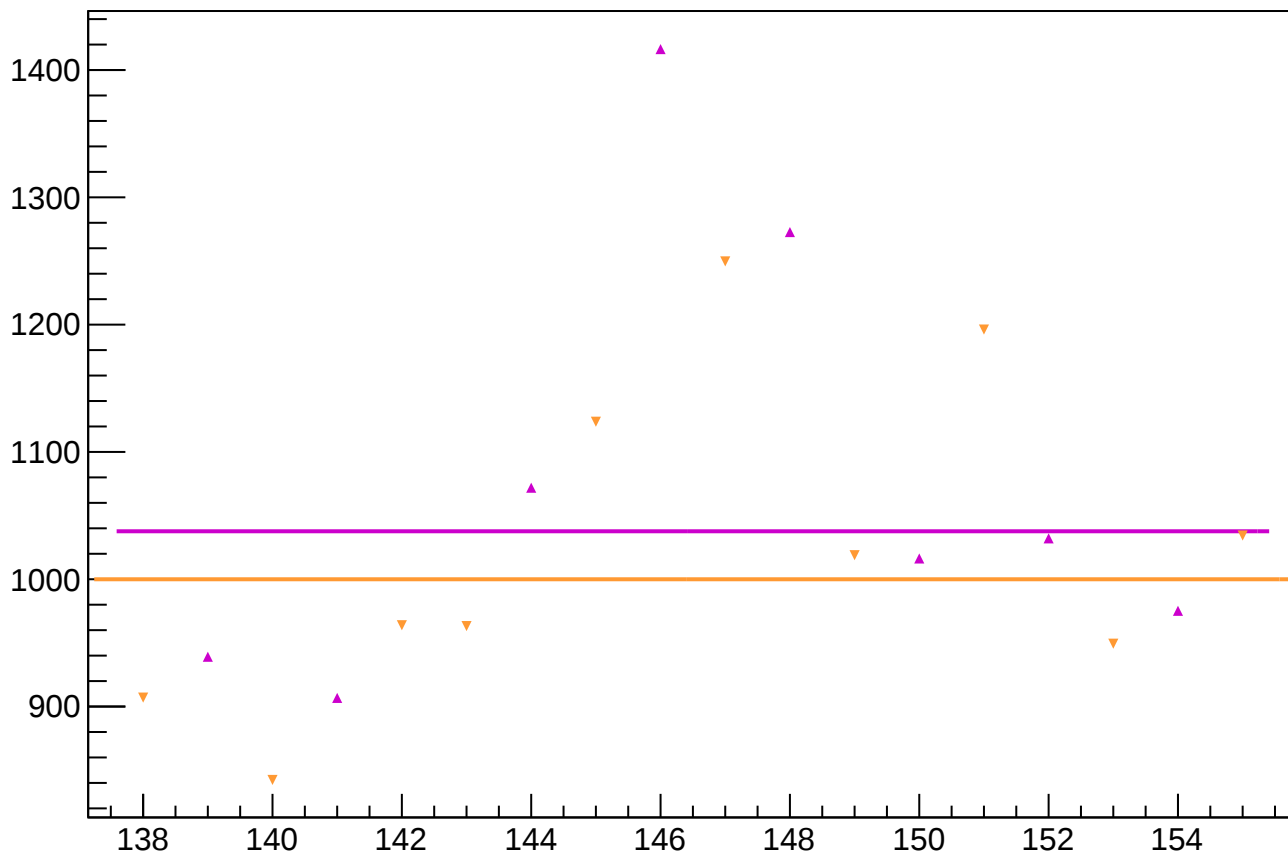
619.784+/-371.786 χ^2/NDF : 15.0/9

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

-393.634+/-409.058 χ^2/NDF : 16.7/7

Left In: -393.634+/-409.058 χ^2/NDF : 16.7/7

asym_sam6_correction_rms vs Slug



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

Left Out: 999.974+/-0.263 χ^2/NDF : 203807.4/9

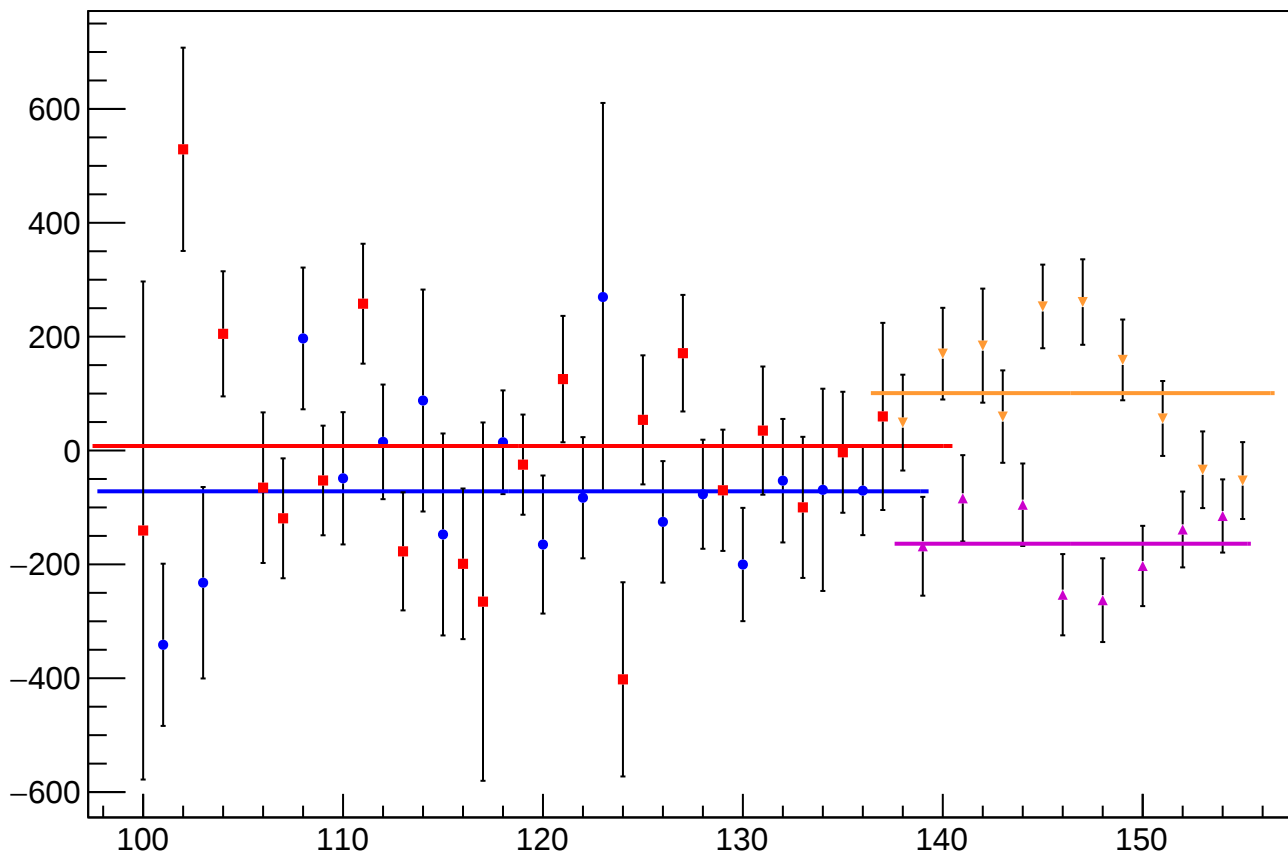
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1037.678+/-0.289 χ^2/NDF : 229599.5/7

999.974+/-0.263 χ^2/NDF : 203807.4/9

1037.678+/-0.289 χ^2/NDF : 229599.5/7

reg_asym_sam7_mean vs Slug



Right In: -71.669 ± 28.358 $\chi^2/\text{NDF}: 15.2/16$

Left Out: 100.808 ± 23.709 $\chi^2/\text{NDF}: 21.2/9$

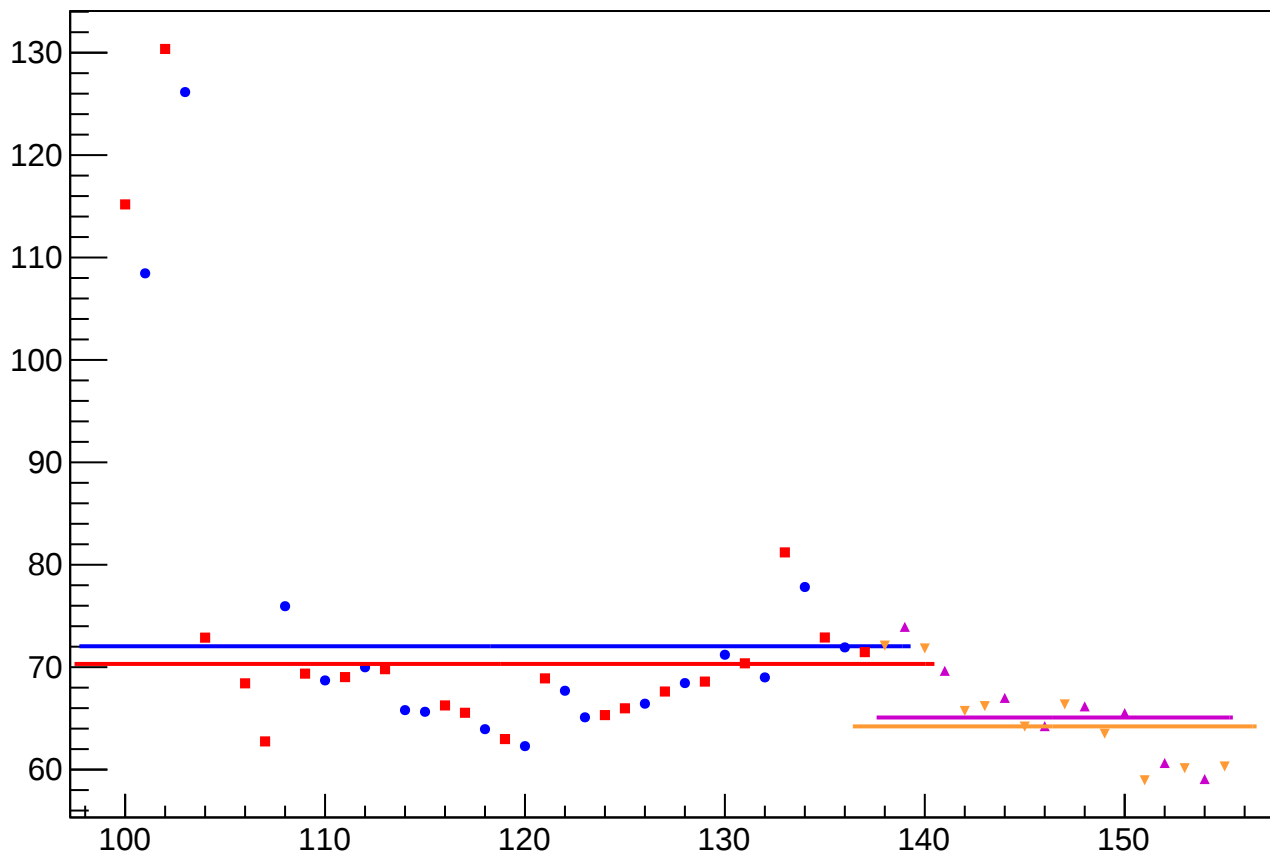
Right Out: 7.933 ± 26.719 $\chi^2/\text{NDF}: 37.2/19$

Left In: -163.726 ± 25.424 $\chi^2/\text{NDF}: 6.4/7$

29.850 ± 18.189 $\chi^2/\text{NDF}: 58.2/26$

-82.157 ± 18.419 $\chi^2/\text{NDF}: 65.3/27$

reg_asym_sam7_rms vs Slug



Right In: 72.042+/-0.020 χ^2/NDF : 391971.7/16

Left Out: 64.217+/-0.017 χ^2/NDF : 65786.4/9

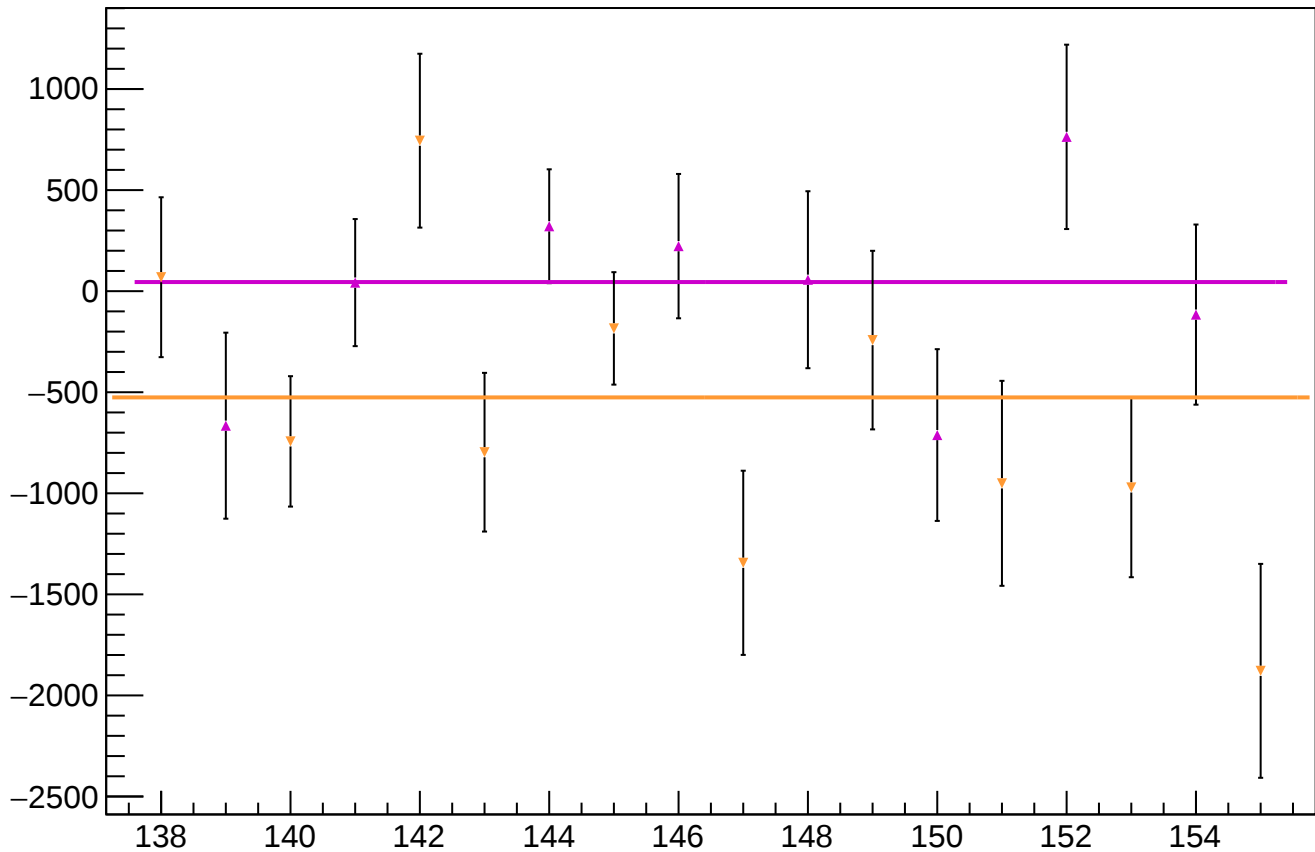
Right Out: 70.316+/-0.019 χ^2/NDF : 299468.0/19

Left In: 65.086+/-0.018 χ^2/NDF : 56582.0/7

67.436+/-0.013 χ^2/NDF : 547407.3/26

67.572+/-0.013 χ^2/NDF : 396264.0/27

asym_sam7_correction_mean vs Slug



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

Left Out: -525.609+/-125.697 χ^2/NDF :25.3/9

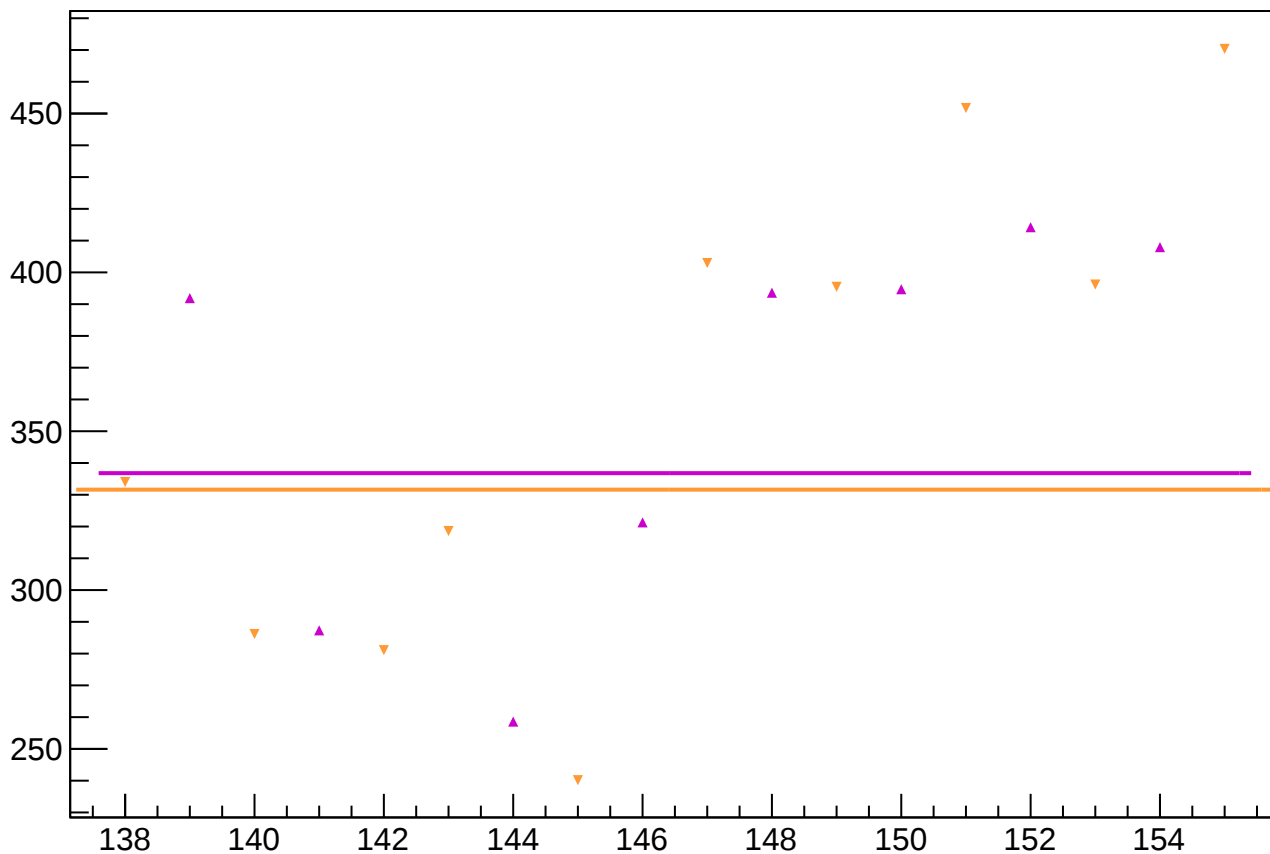
-525.609+/-125.697 χ^2/NDF : 25.3/9

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

45.108+/-133.766 χ^2/NDF : 9.4/7

Left In: 45.108+/-133.766 χ^2/NDF :9.4/7

asym_sam7_correction_rms vs Slug



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

Left Out: 331.607+/-0.089 χ^2/NDF : 668589.8/9

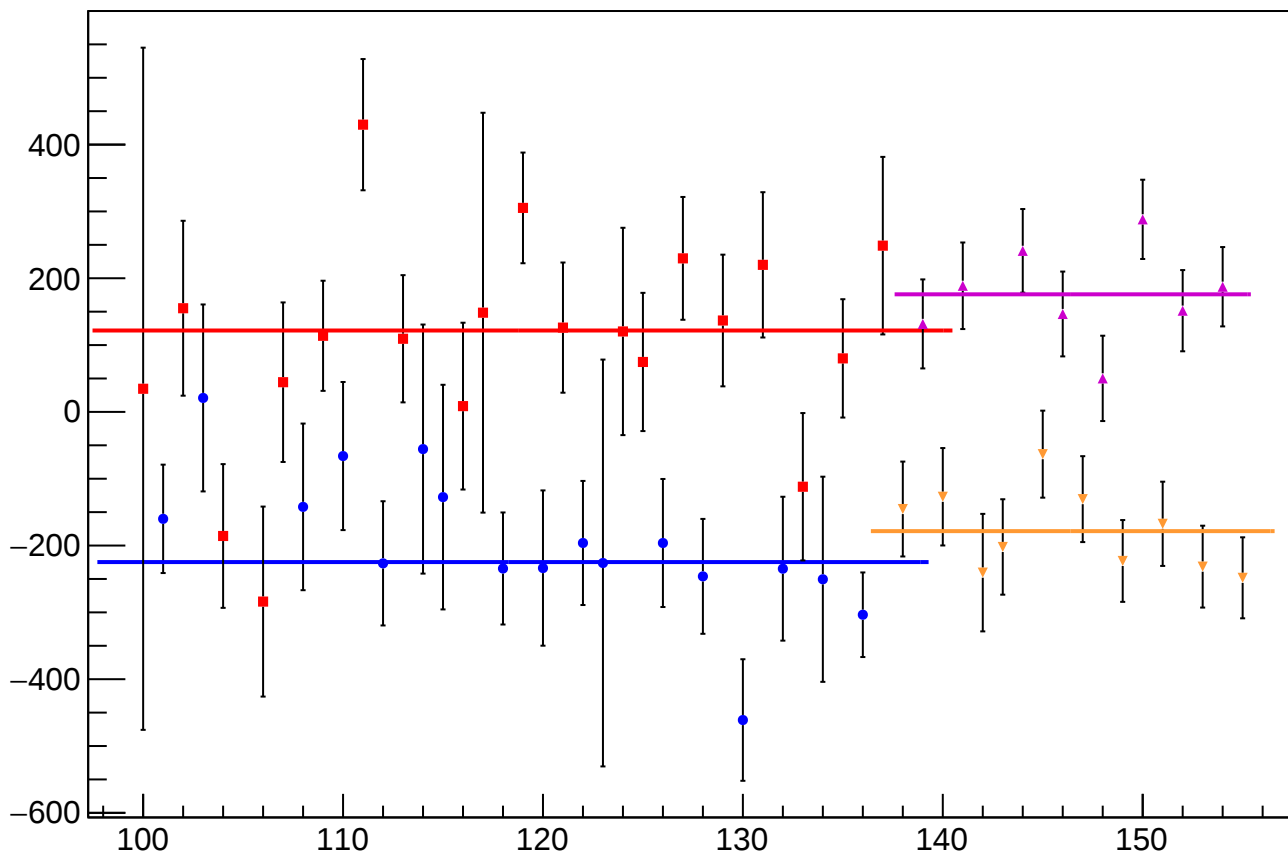
331.607+/-0.089 χ^2/NDF : 668589.8/9

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

336.806+/-0.095 χ^2/NDF : 415529.2/7

Left In: 336.806+/-0.095 χ^2/NDF : 415529.2/7

reg_asym_sam8_mean vs Slug



Right In: -224.727 $\pm$ 24.880 χ^2 /NDF: 16.0/16

Left Out: -178.425 $\pm$ 21.094 χ^2 /NDF: 7.7/9

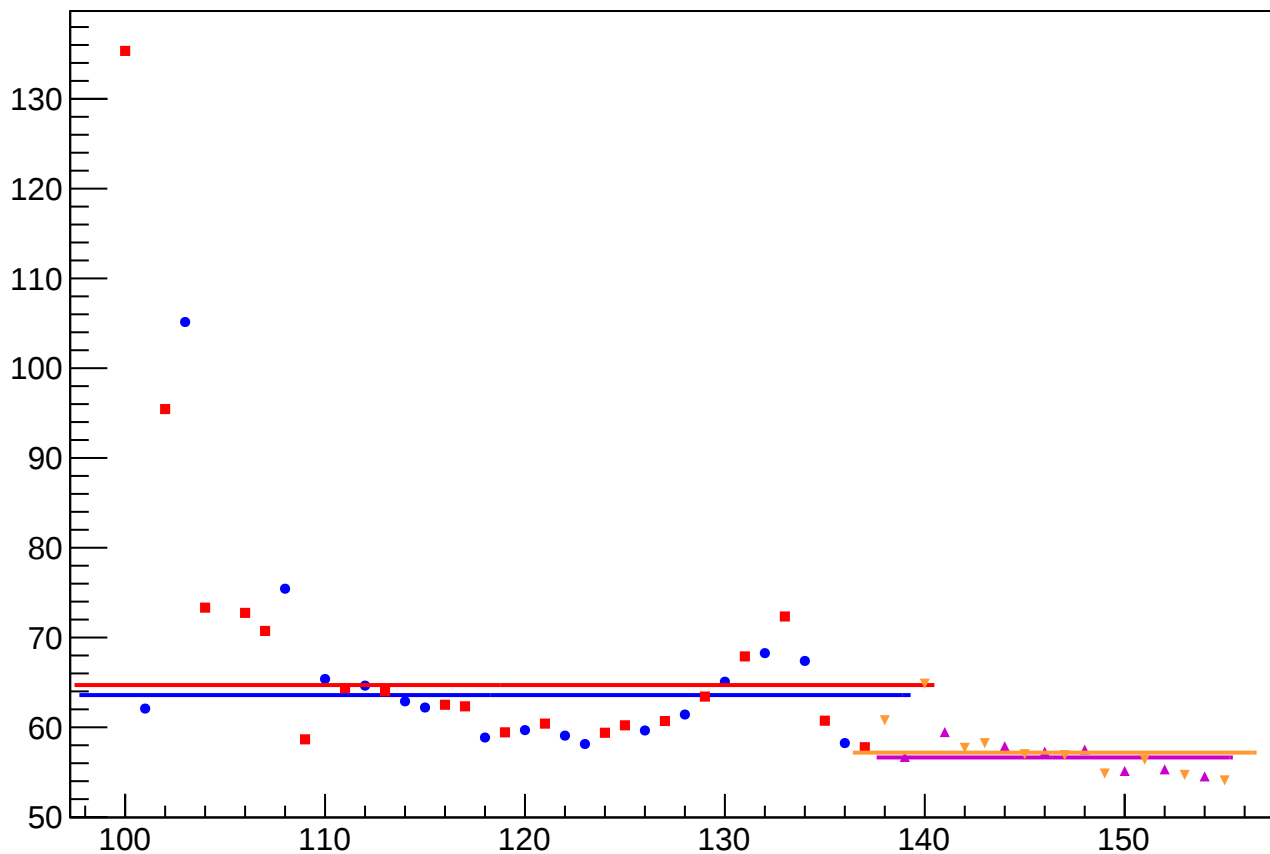
Right Out: 121.814 $\pm$ 24.516 χ^2 /NDF: 40.5/19

Left In: 175.967 $\pm$ 22.079 χ^2 /NDF: 9.4/7

-197.789 $\pm$ 16.090 χ^2 /NDF: 25.6/26

151.715 $\pm$ 16.407 χ^2 /NDF: 52.6/27

reg_asym_sam8_rms vs Slug



Right In: 63.589 ± 0.018 $\chi^2/\text{NDF}: 234601.0/16$

Left Out: 57.180 ± 0.015 $\chi^2/\text{NDF}: 39603.8/9$

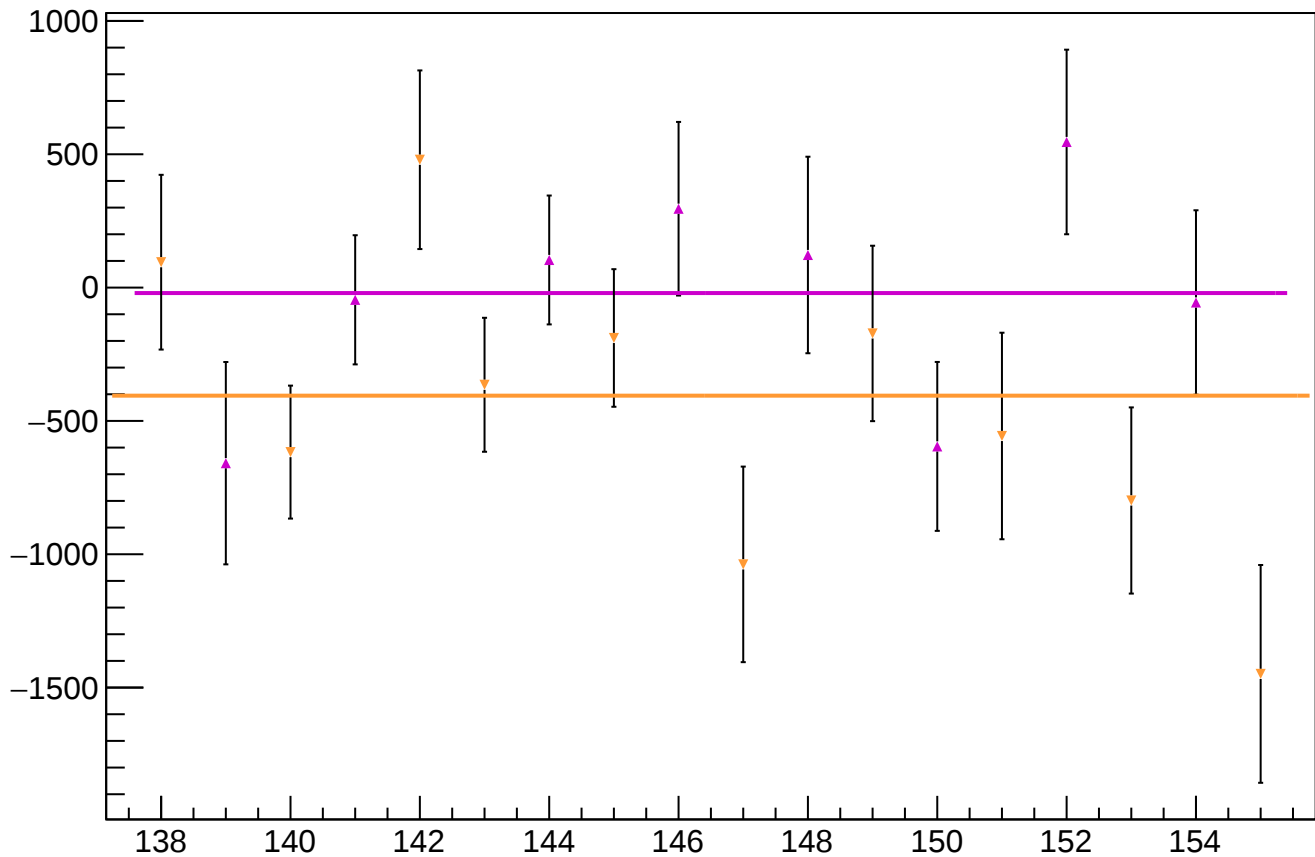
Right Out: 64.704 ± 0.017 $\chi^2/\text{NDF}: 227632.6/19$

Left In: 56.641 ± 0.016 $\chi^2/\text{NDF}: 9946.7/7$

59.860 ± 0.011 $\chi^2/\text{NDF}: 351412.1/26$

60.252 ± 0.012 $\chi^2/\text{NDF}: 357034.4/27$

asym_sam8_correction_mean vs Slug



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

Left Out: -405.276+/-98.664 χ^2/NDF : 22.2/9

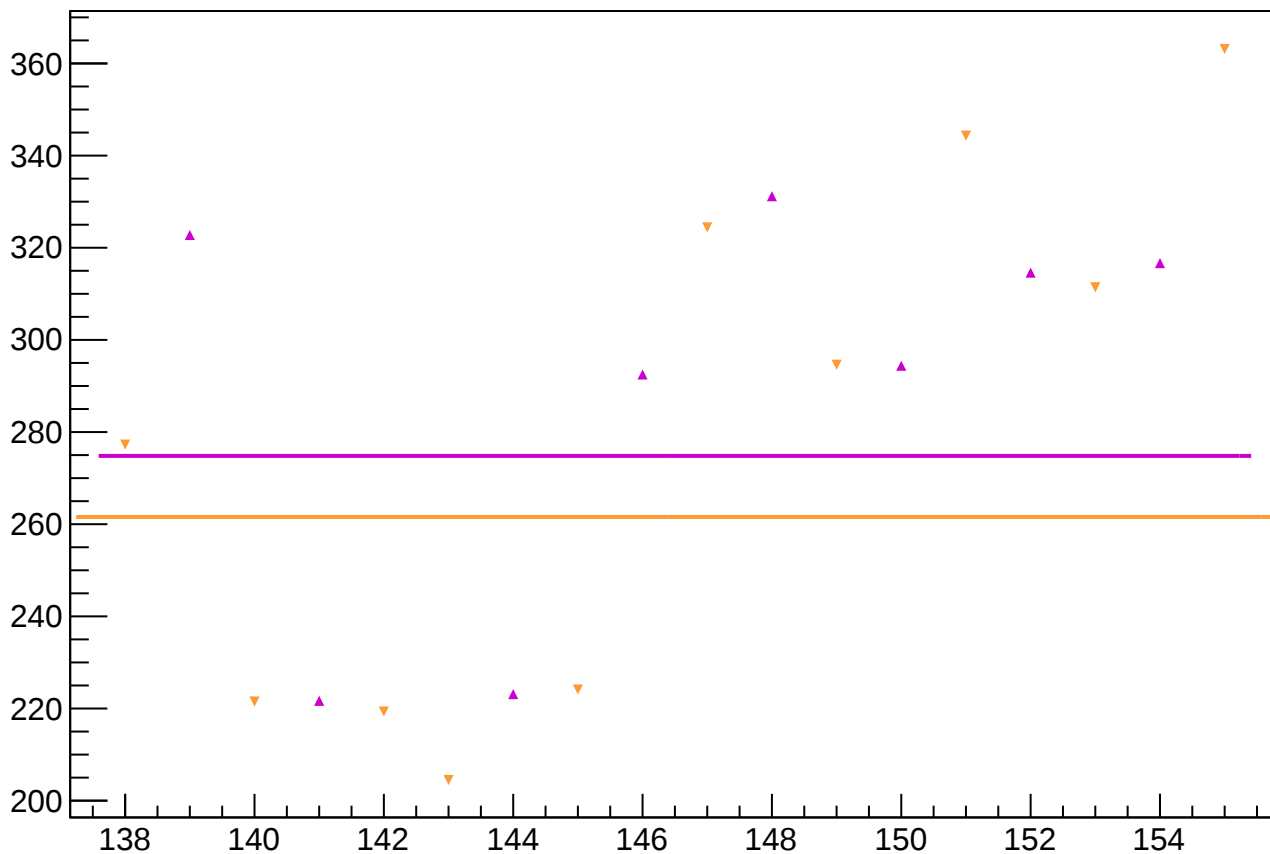
-405.276+/-98.664 χ^2/NDF : 22.2/9

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

-20.481+/-108.724 χ^2/NDF : 10.2/7

Left In: -20.481+/-108.724 χ^2/NDF : 10.2/7

asym_sam8_correction_rms vs Slug



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

Left Out: 261.580+/-0.070 χ^2/NDF : 568110.0/9

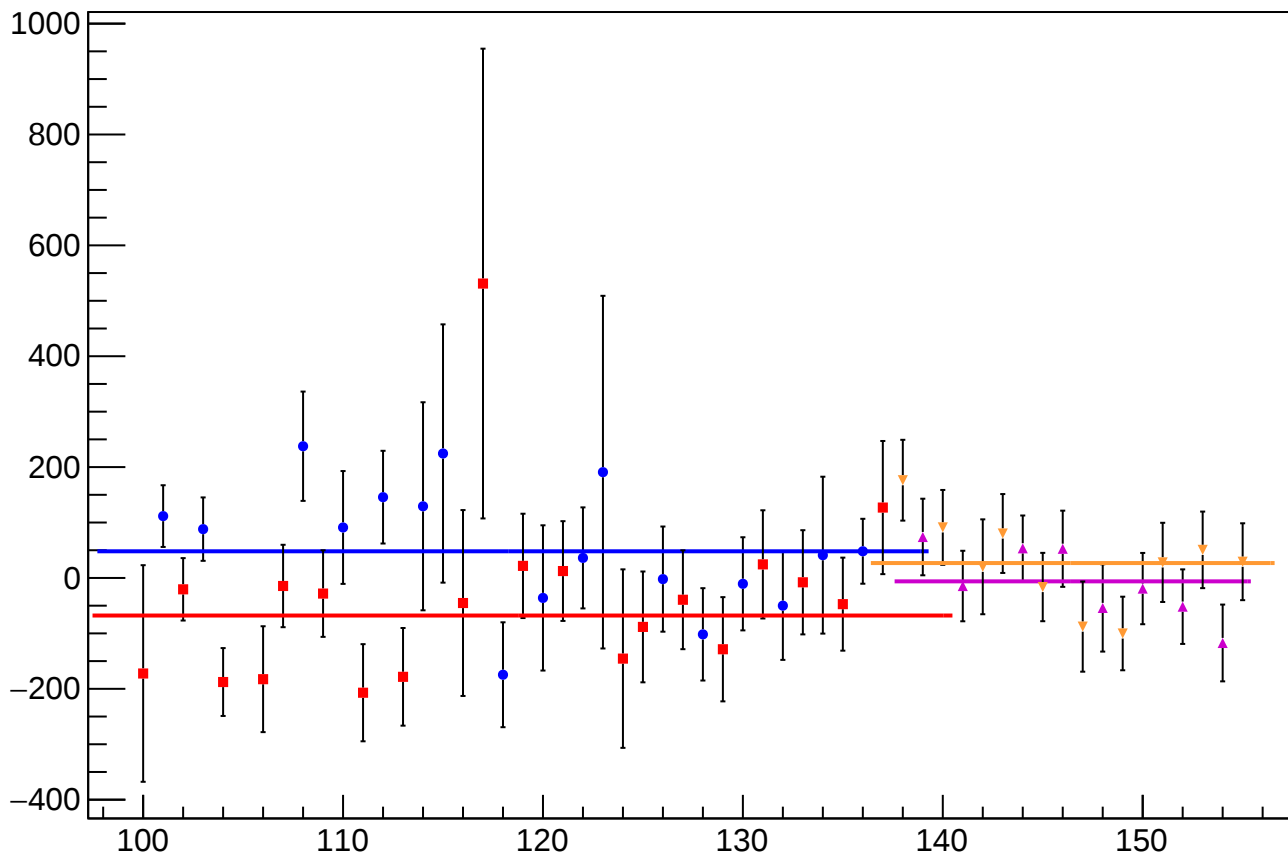
261.580+/-0.070 χ^2/NDF : 568110.0/9

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

274.829+/-0.077 χ^2/NDF : 335793.1/7

Left In: 274.829+/-0.077 χ^2/NDF : 335793.1/7

reg_asym_sam_15_avg_mean vs Slug



Right In: 48.109+/-21.510 χ^2/NDF : 19.0/16

Left Out: 26.892+/-22.380 χ^2/NDF : 11.9/9

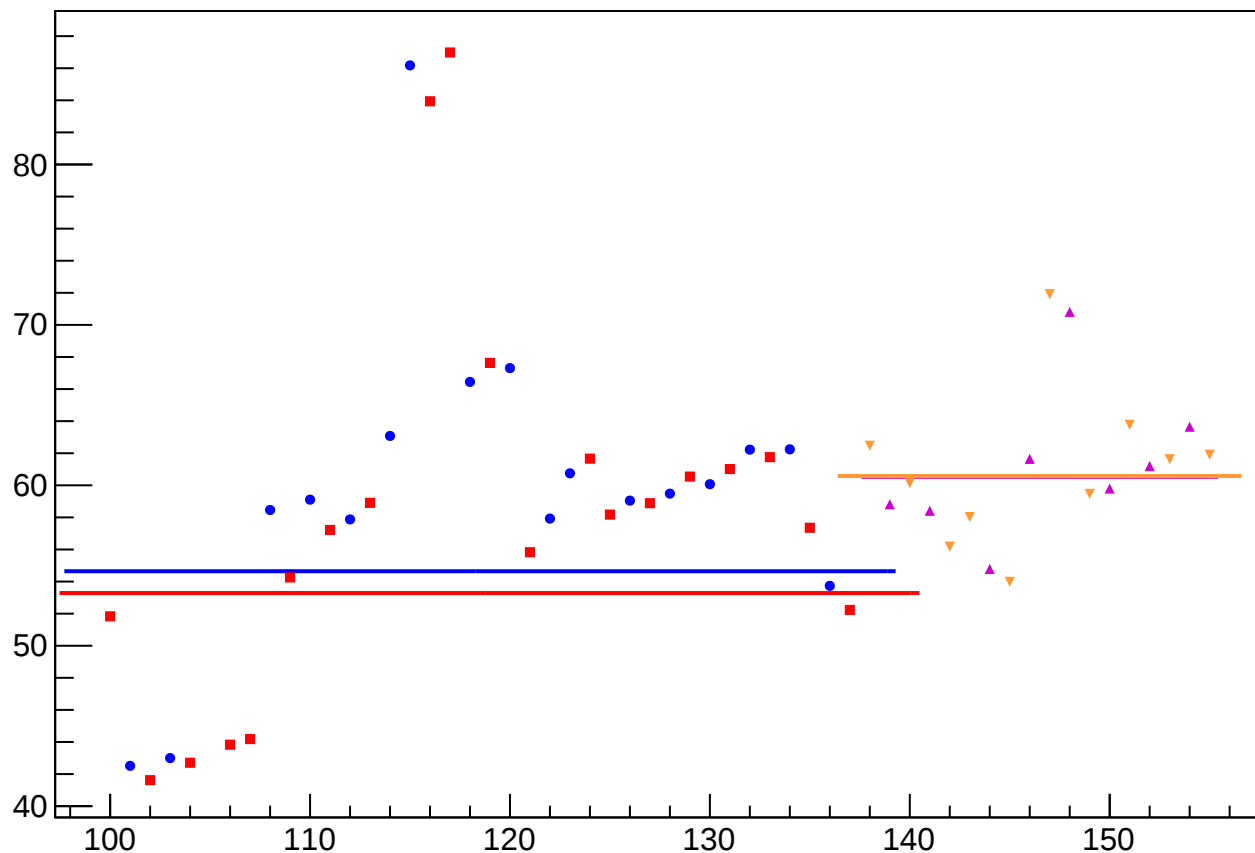
Right Out: -67.767+/-20.383 χ^2/NDF : 19.7/19

Left In: -6.129+/-23.659 χ^2/NDF : 6.6/7

37.921+/-15.508 χ^2/NDF : 31.4/26

-41.507+/-15.442 χ^2/NDF : 30.1/27

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.645 $\pm$ 0.015 χ^2 /NDF: 319300.2/16

Left Out: 60.579 $\pm$ 0.016 χ^2 /NDF: 76806.2/9

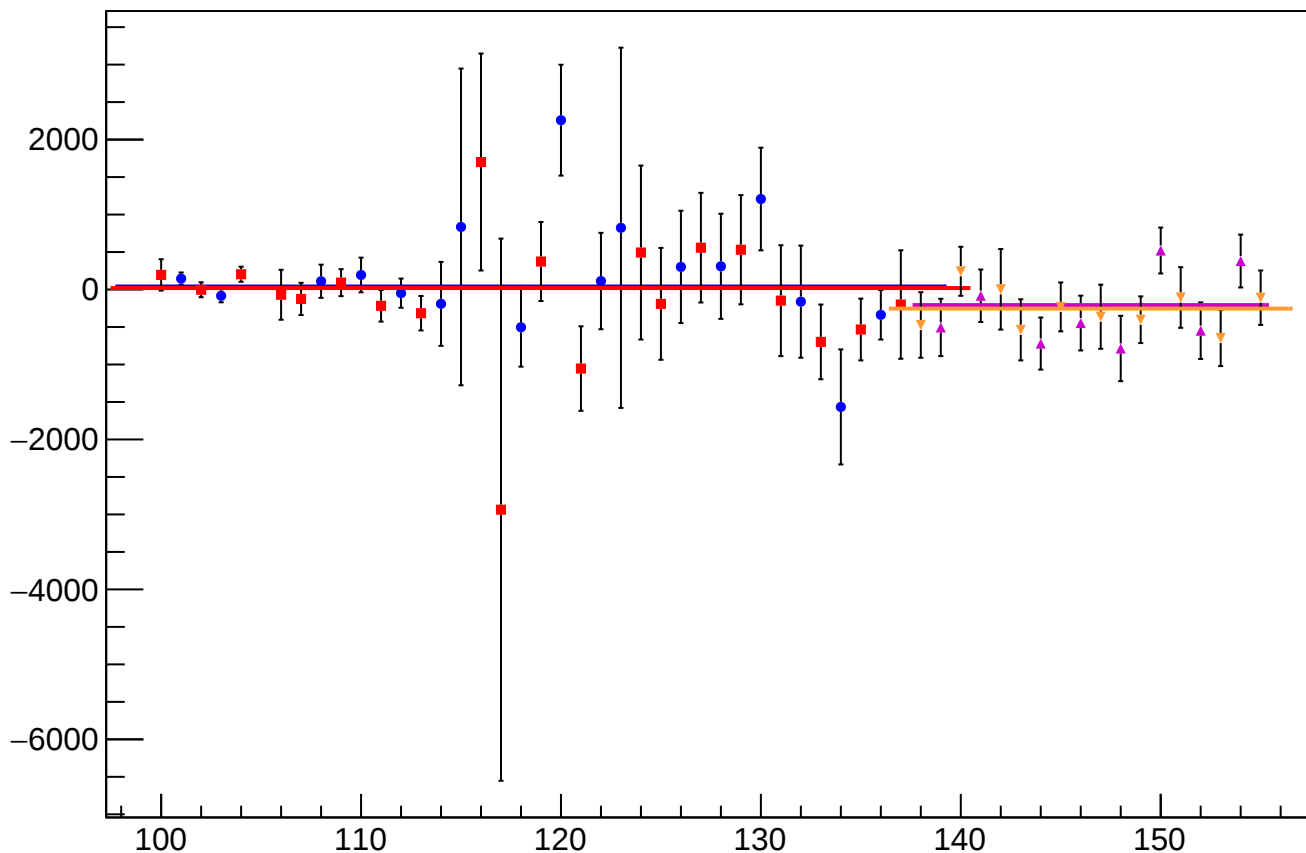
Right Out: 53.285 $\pm$ 0.014 χ^2 /NDF: 398973.0/19

Left In: 60.529 $\pm$ 0.017 χ^2 /NDF: 61384.9/7

57.494 $\pm$ 0.011 χ^2 /NDF: 469193.5/26

56.371 $\pm$ 0.011 χ^2 /NDF: 567971.0/27

asym_sam_15_avg_correction_mean vs Slug



Right In: 40.207 $\pm$ 51.542 χ^2 /NDF: 23.9/16

Left Out: -254.190 $\pm$ 119.472 χ^2 /NDF: 5.0/9

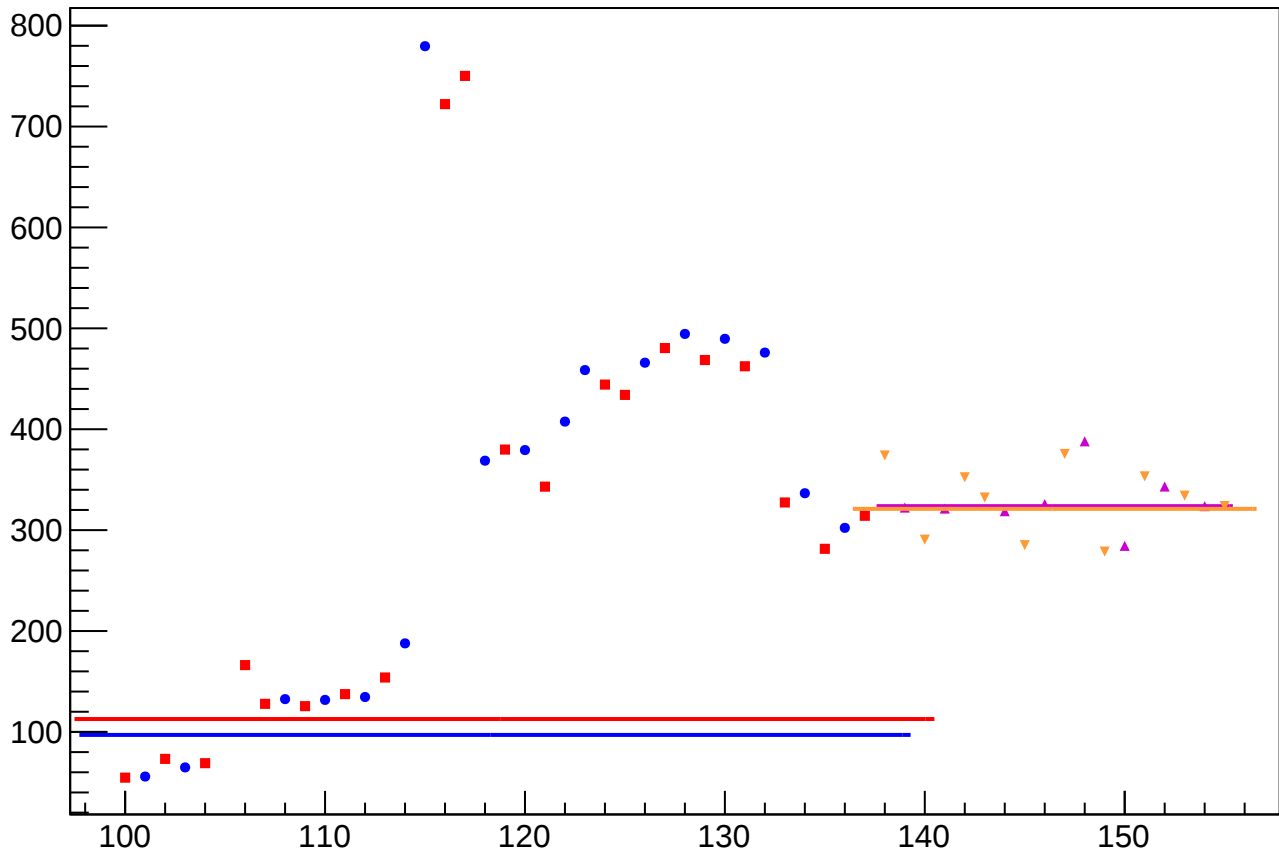
Right Out: 19.590 $\pm$ 53.268 χ^2 /NDF: 19.6/19

Left In: -207.733 $\pm$ 127.263 χ^2 /NDF: 14.4/7

-5.988 $\pm$ 47.326 χ^2 /NDF: 34.0/26

-14.299 $\pm$ 49.138 χ^2 /NDF: 36.6/27

asym_sam_15_avg_correction_rms vs Slug



Right In: 97.039+/-0.036 χ^2/NDF : 5819709.2/16

Left Out: 321.092+/-0.084 χ^2/NDF : 163818.9/9

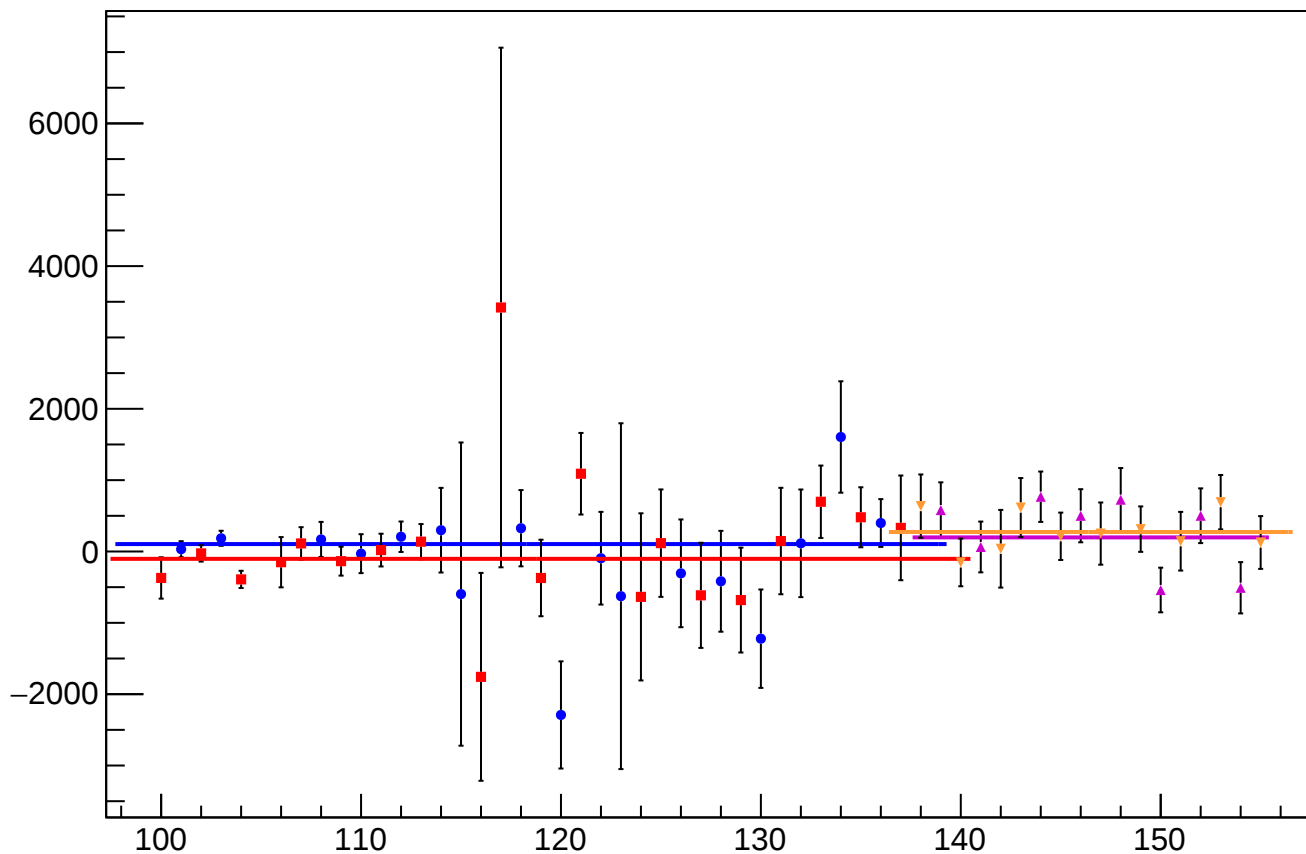
Right Out: 112.792+/-0.038 χ^2/NDF : 5098459.2/19

Left In: 323.775+/-0.090 χ^2/NDF : 82333.3/7

132.196+/-0.033 χ^2/NDF : 11913734.6/26

144.245+/-0.035 χ^2/NDF : 9858254.5/27

asym_sam_15_avg_mean vs Slug



Right In: 104.001 ± 63.156 χ^2/NDF : 21.3/16

Left Out: 273.224 ± 121.656 χ^2/NDF : 4.7/9

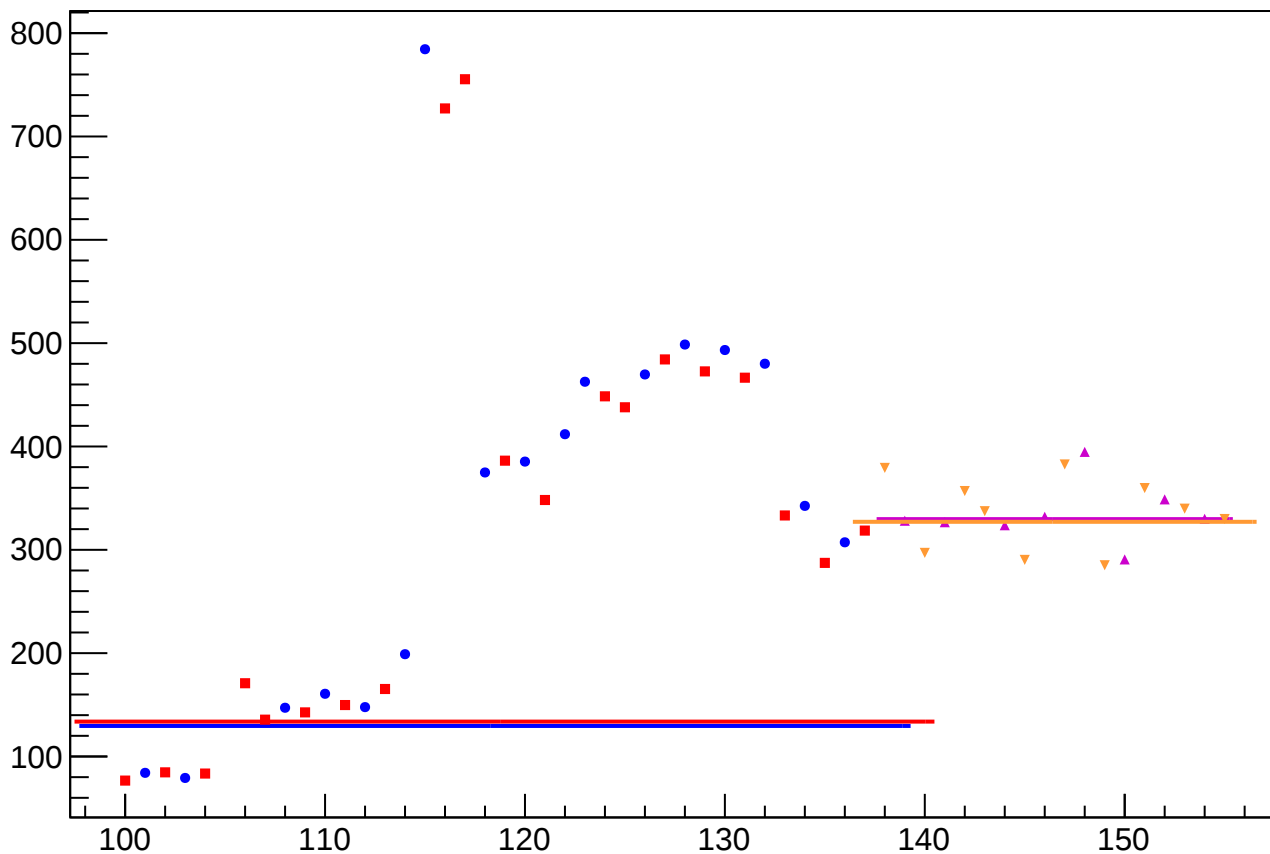
Right Out: -103.156 ± 60.849 χ^2/NDF : 22.3/19

Left In: 197.493 ± 129.547 χ^2/NDF : 15.8/7

139.925 ± 56.053 χ^2/NDF : 27.5/26

-48.815 ± 55.076 χ^2/NDF : 42.5/27

asym_sam_15_avg_rms vs Slug



Right In: 129.552 $\pm$ 0.045 χ^2 /NDF: 4772450.4/16

171.492 $\pm$ 0.040 χ^2 /NDF: 9084935.3/26

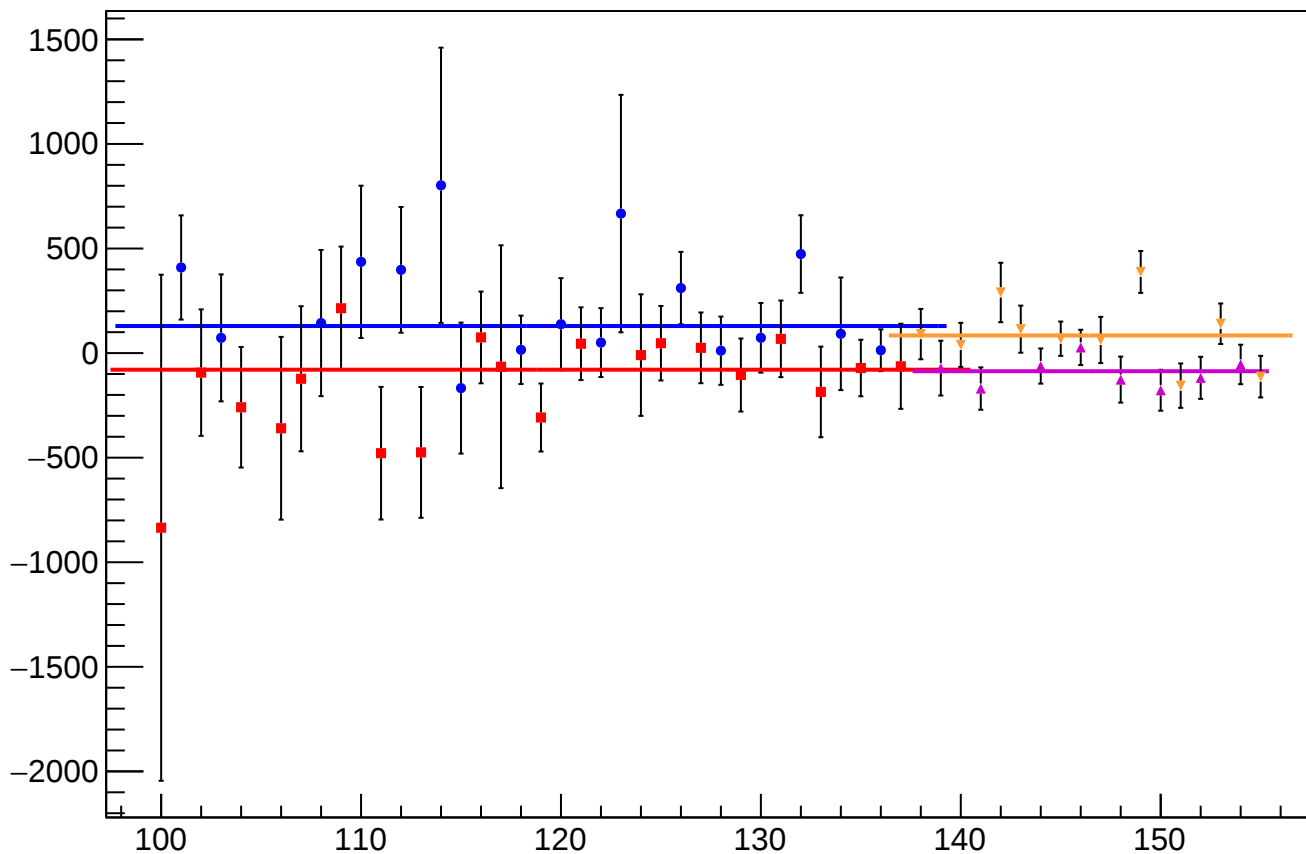
Left Out: 327.110 $\pm$ 0.086 χ^2 /NDF:157989.7/9

Right Out: 133.766 $\pm$ 0.043 χ^2 /NDF: 4424544.5/19

169.182 $\pm$ 0.039 χ^2 /NDF: 8253003.8/27

Left In: 329.712 $\pm$ 0.092 χ^2 /NDF:79896.9/7

reg_asym_sam_26_avg_mean vs Slug



Right In: 129.398 $\pm$ 49.122 χ^2 /NDF: 12.9/16

Left Out: 84.301 $\pm$ 33.081 χ^2 /NDF:21.0/9

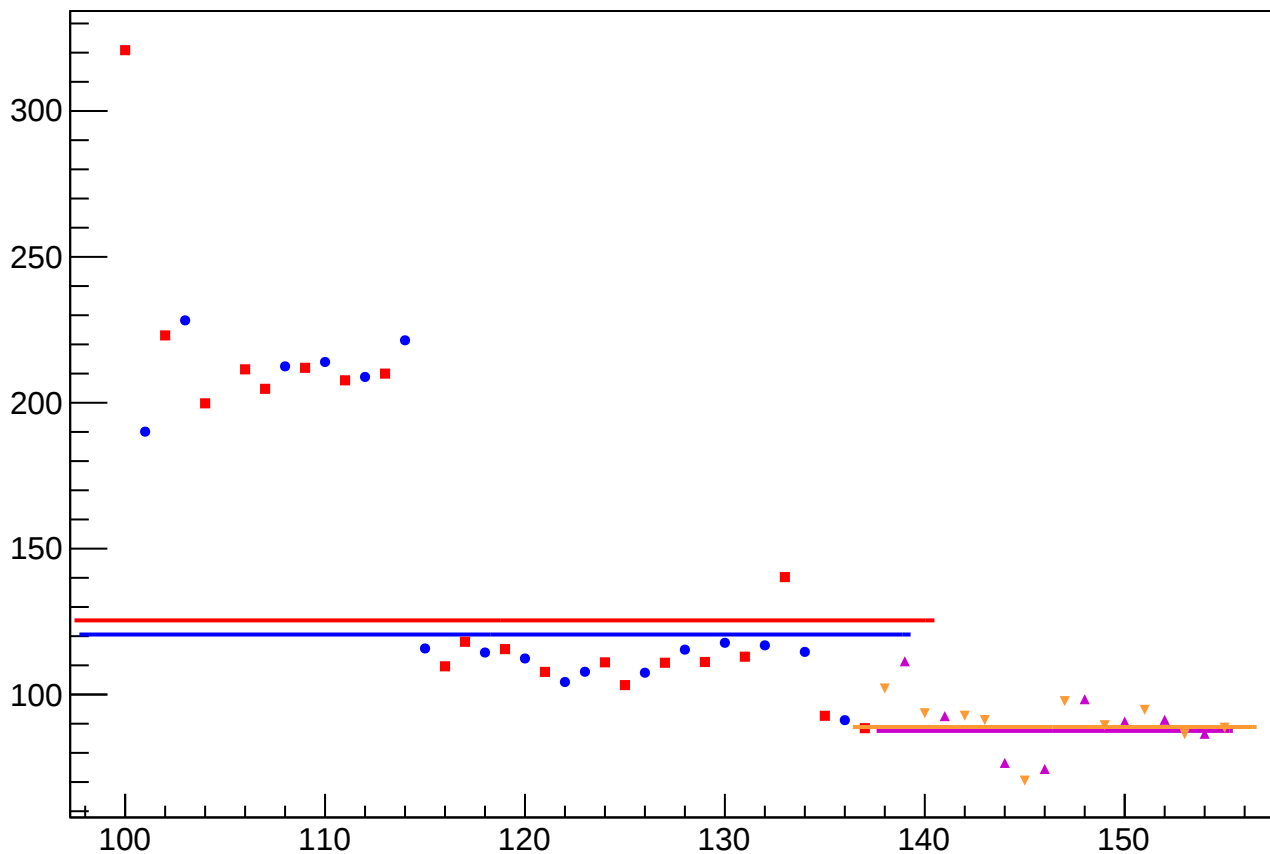
Right Out: -79.378 $\pm$ 49.703 χ^2 /NDF: 10.2/19

Left In: -86.692 $\pm$ 34.572 χ^2 /NDF:3.8/7

98.372 $\pm$ 27.439 χ^2 /NDF: 34.5/26

-84.307 $\pm$ 28.381 χ^2 /NDF: 14.1/27

reg_asym_sam_26_avg_rms vs Slug



Right In: 120.565 $\pm$ 0.035 χ^2 /NDF: 1112076.4/16

Left Out: 88.871 $\pm$ 0.023 χ^2 /NDF:151042.5/9

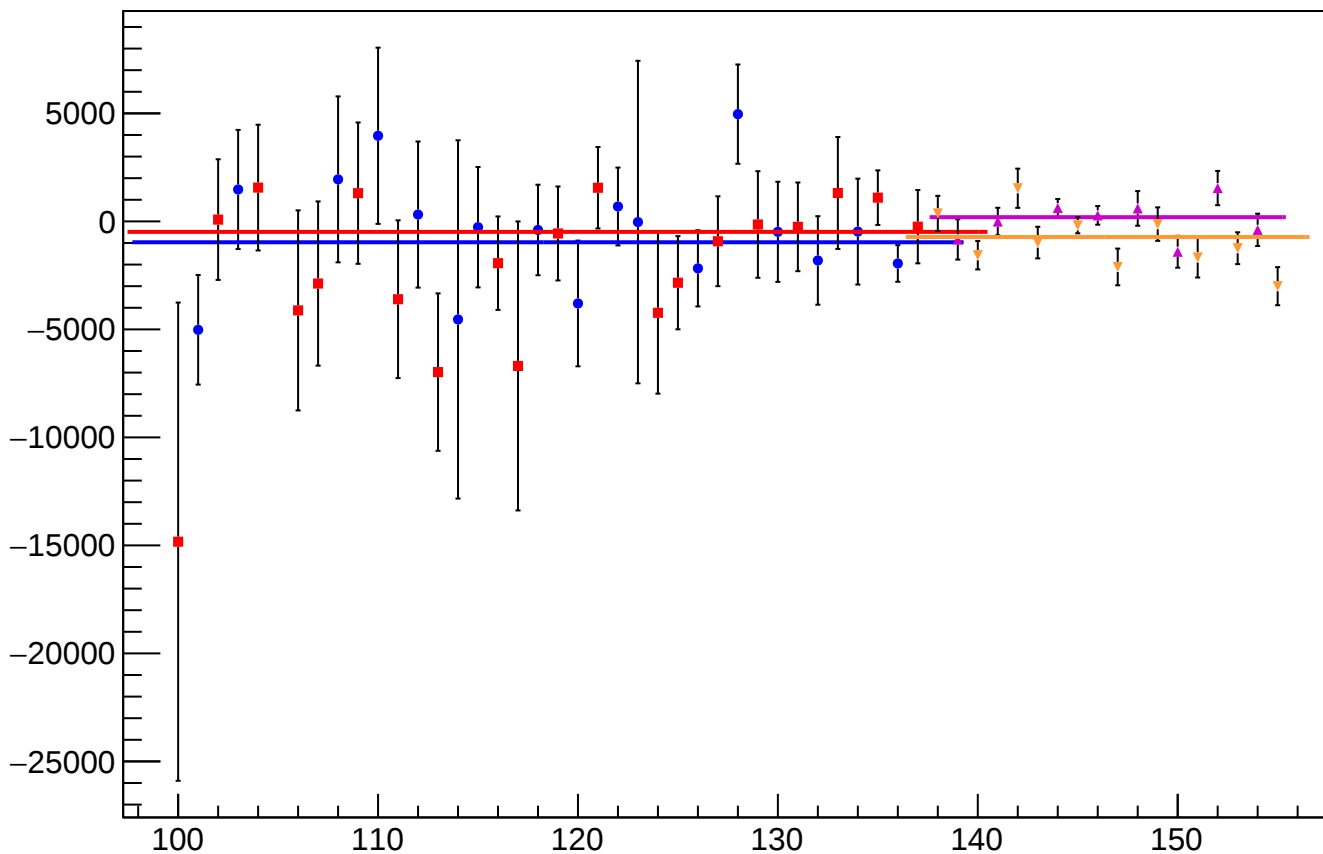
Right Out: 125.404 $\pm$ 0.035 χ^2 /NDF: 1334075.7/19

Left In: 87.532 $\pm$ 0.024 χ^2 /NDF:178030.3/7

98.760 $\pm$ 0.019 χ^2 /NDF: 1835936.4/26

99.881 $\pm$ 0.020 χ^2 /NDF: 2294697.5/27

asym_sam_26_avg_correction_mean vs Slug



Right In: -966.587+/-512.340 χ^2/NDF : 16.4/16

Left Out: -723.876+/-215.611 χ^2/NDF : 23.3/9

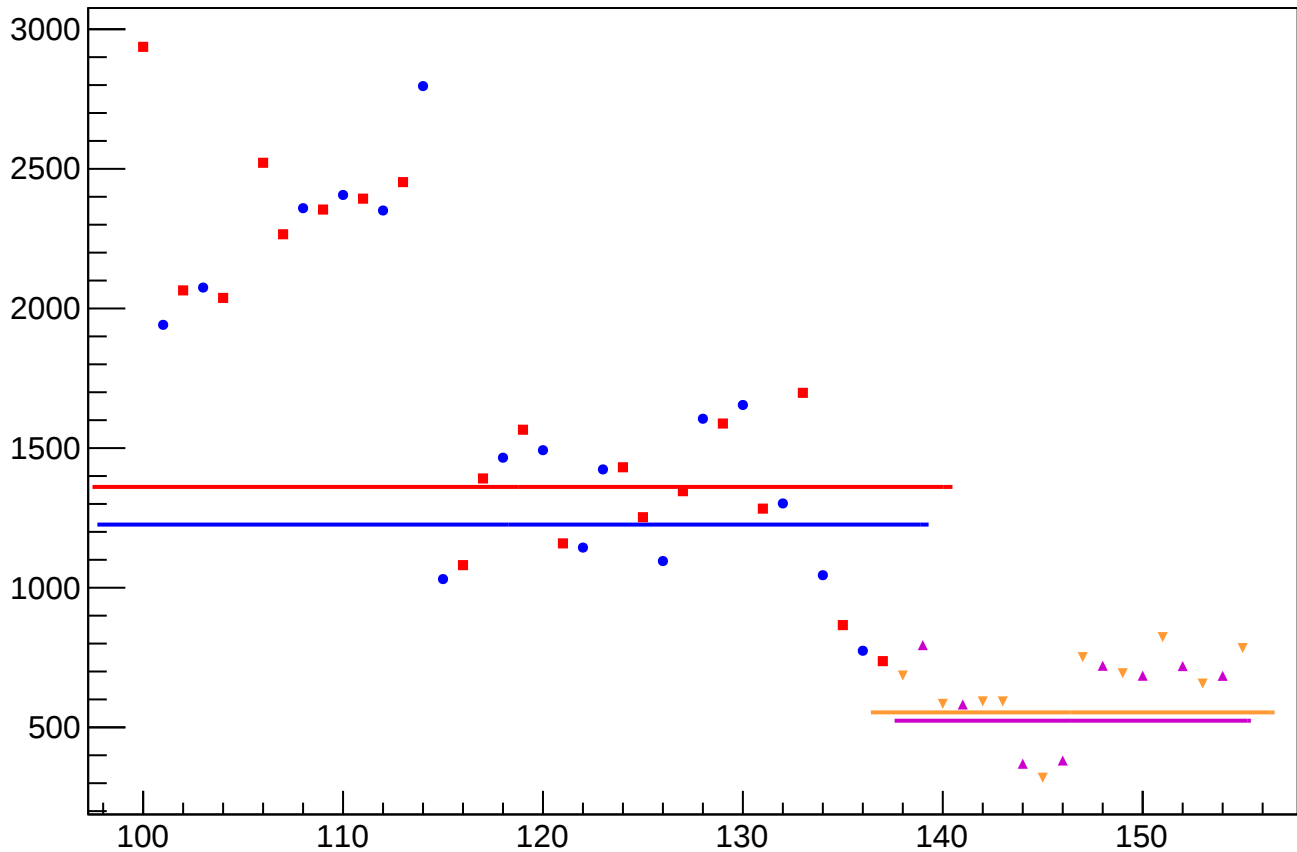
Right Out: -485.654+/-543.567 χ^2/NDF : 14.3/19

Left In: 194.730+/-215.562 χ^2/NDF : 10.9/7

-760.394+/-198.730 χ^2/NDF : 39.9/26

102.269+/-200.380 χ^2/NDF : 26.5/27

asym_sam_26_avg_correction_rms vs Slug



Right In: 1226.135+/-0.362 χ^2/NDF : 1756323.1/16

Left Out: 553.543+/-0.152 χ^2/NDF : 1380701.0/9

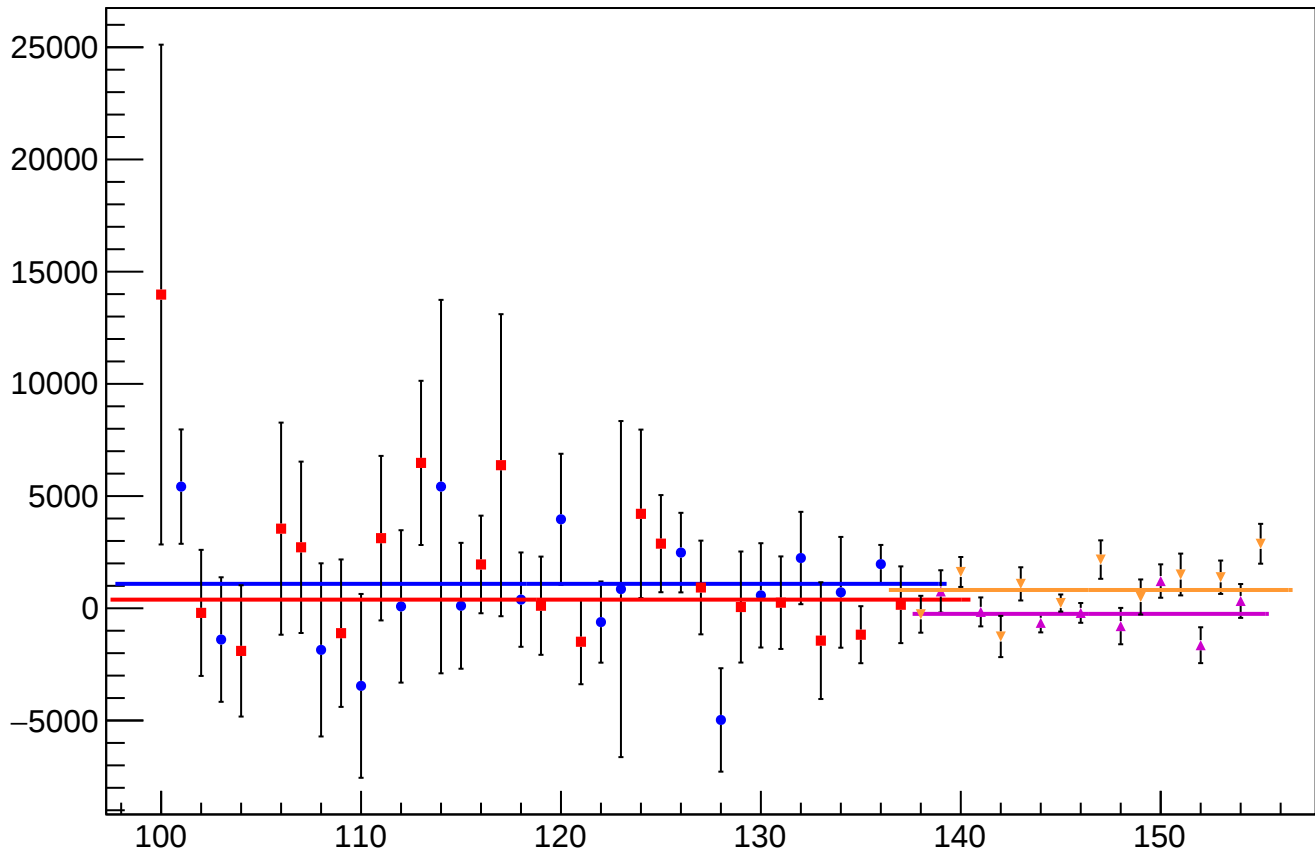
654.739+/-0.141 χ^2/NDF : 6065229.1/26

Right Out: 1360.972+/-0.384 χ^2/NDF : 1749116.2/19

637.560+/-0.142 χ^2/NDF : 6955353.8/27

Left In: 523.791+/-0.152 χ^2/NDF : 1106761.2/7

asym_sam_26_avg_mean vs Slug



Right In: 1089.066+/-515.272 χ^2/NDF : 16.9/16

Left Out: 815.651+/-218.933 χ^2/NDF : 19.9/9

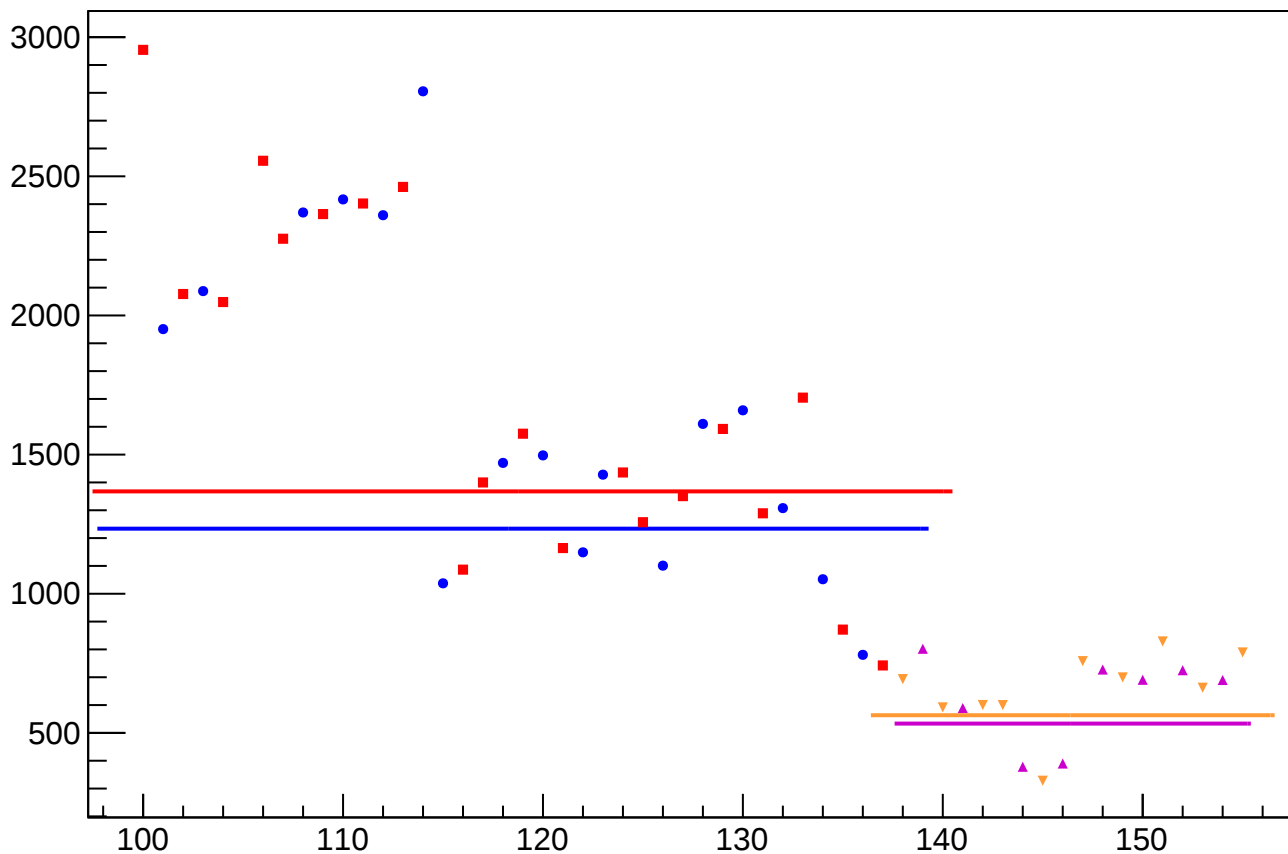
Right Out: 385.391+/-546.382 χ^2/NDF : 13.3/19

Left In: -248.951+/-219.066 χ^2/NDF : 10.0/7

857.463+/-201.499 χ^2/NDF : 37.1/26

-161.102+/-203.331 χ^2/NDF : 24.4/27

asym_sam_26_avg_rms vs Slug



Right In: 1233.863+/-0.364 χ^2/NDF : 1744048.5/16

Left Out: 563.510+/-0.155 χ^2/NDF :1315297.6/9

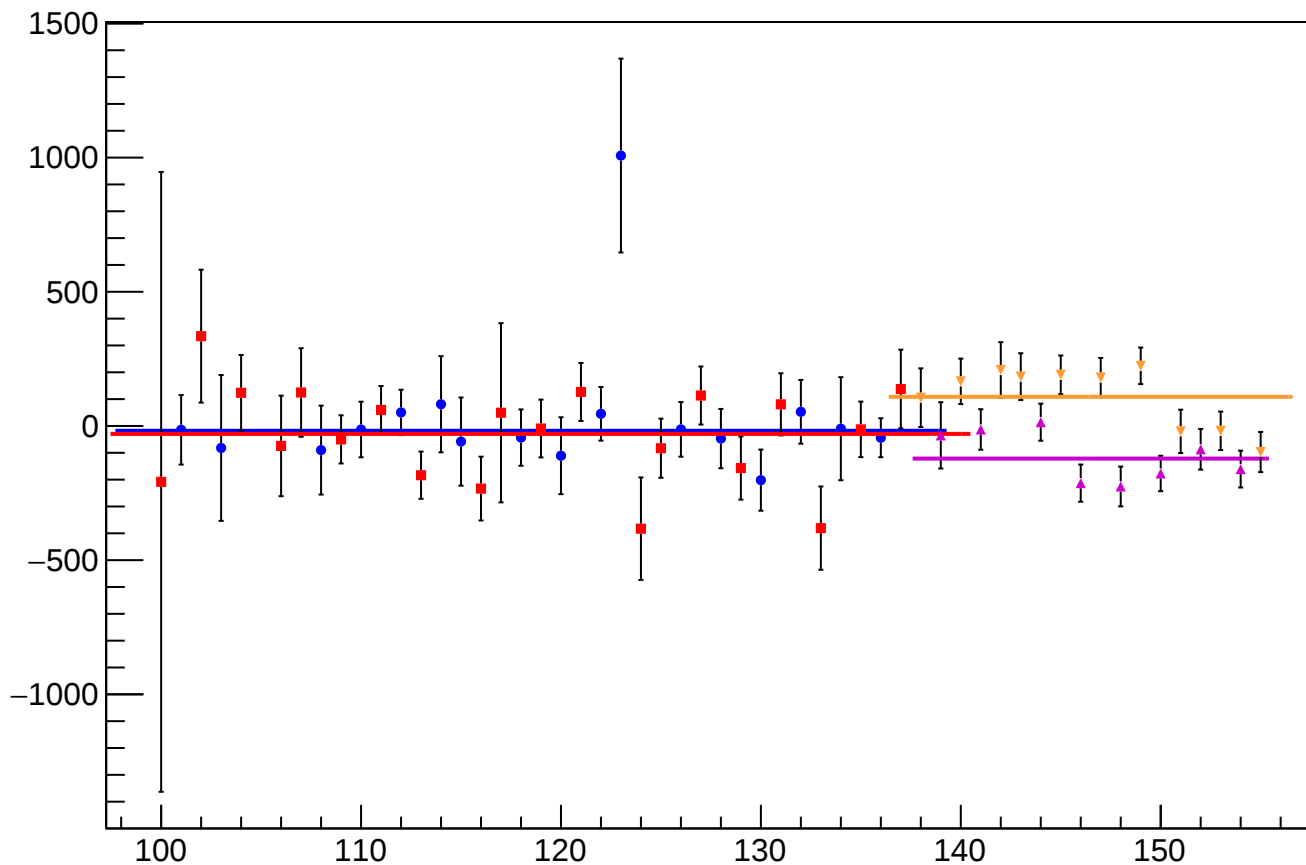
Right Out: 1367.823+/-0.386 χ^2/NDF : 1744640.3/19

Left In: 533.447+/-0.155 χ^2/NDF :1060692.4/7

666.022+/-0.142 χ^2/NDF : 5926737.3/26

648.999+/-0.144 χ^2/NDF : 6823440.7/27

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.972 ± 28.848 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 108.596 ± 25.239 $\chi^2/\text{NDF}: 20.5/9$

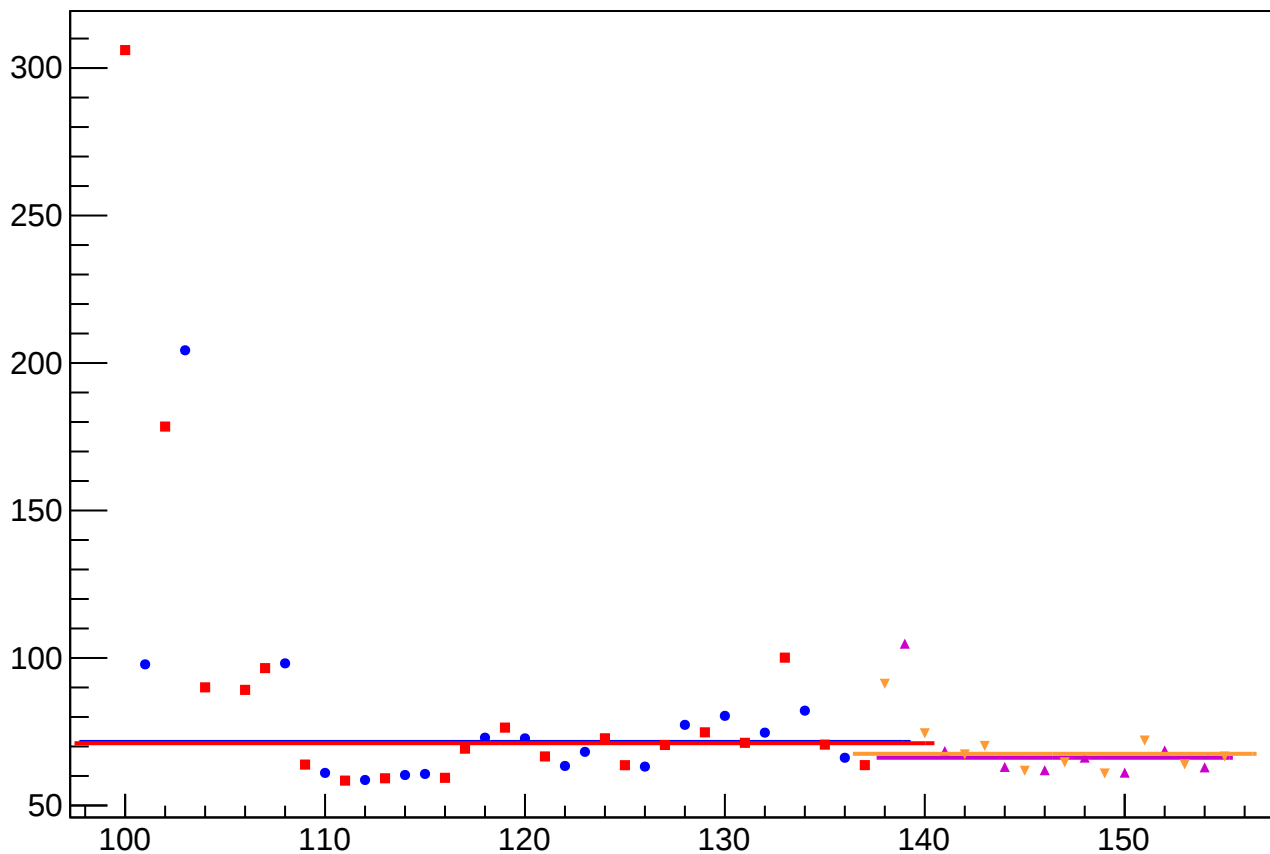
Right Out: -29.517 ± 27.879 $\chi^2/\text{NDF}: 27.5/19$

Left In: -121.501 ± 26.188 $\chi^2/\text{NDF}: 11.4/7$

53.719 ± 18.995 $\chi^2/\text{NDF}: 44.8/26$

-78.382 ± 19.088 $\chi^2/\text{NDF}: 44.6/27$

reg_asym_sam_37_avg_rms vs Slug



Right In: 71.536+/-0.020 χ^2/NDF : 758961.6/16

Left Out: 67.518+/-0.018 χ^2/NDF :156428.8/9

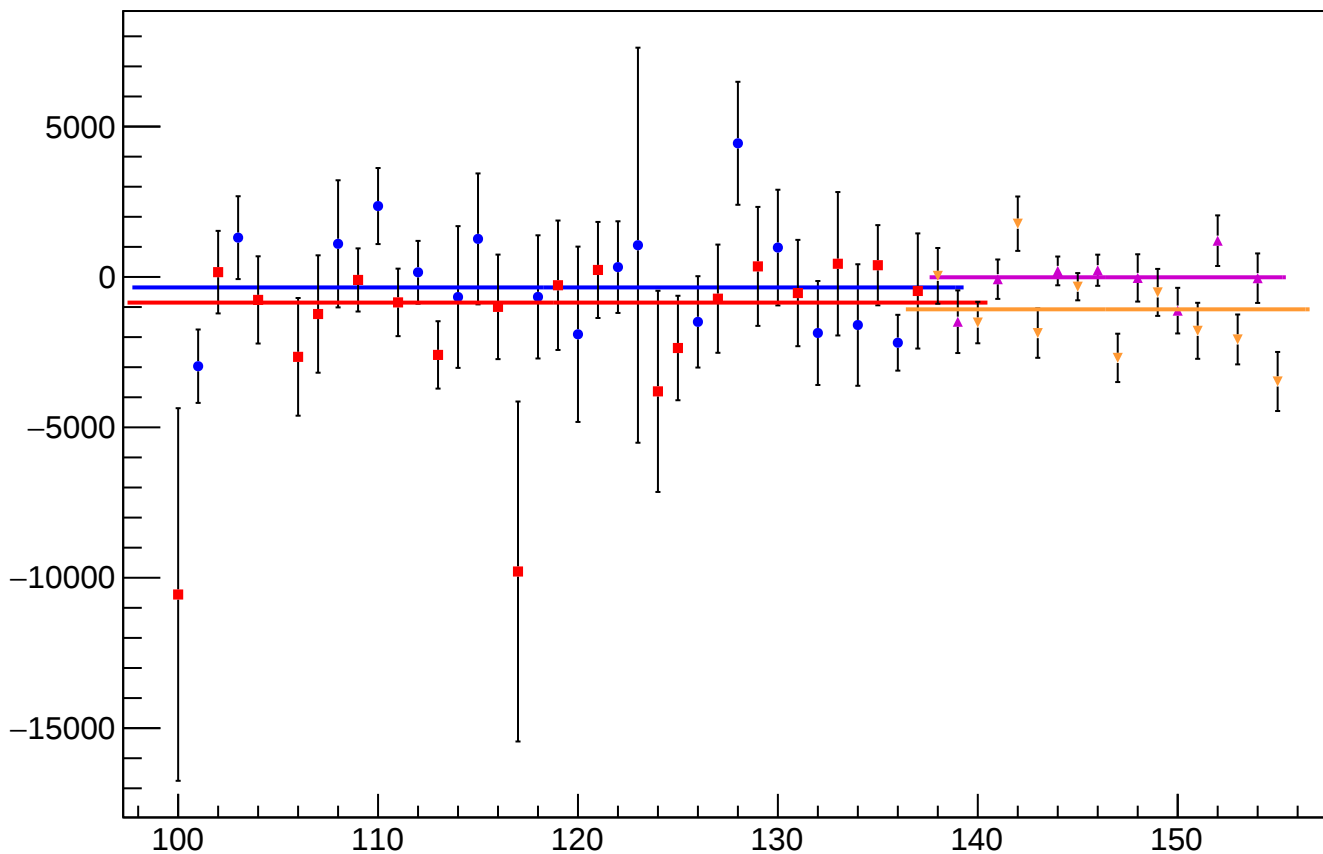
Right Out: 71.102+/-0.020 χ^2/NDF : 765220.8/19

Left In: 66.176+/-0.019 χ^2/NDF :227806.8/7

69.260+/-0.013 χ^2/NDF : 937359.9/26

68.485+/-0.013 χ^2/NDF : 1026193.0/27

asym_sam_37_avg_correction_mean vs Slug



Right In: -347.939 $\pm$ 381.994 χ^2/NDF : 24.1/16

Left Out: -1076.141 $\pm$ 237.761 χ^2/NDF : 28.0/9

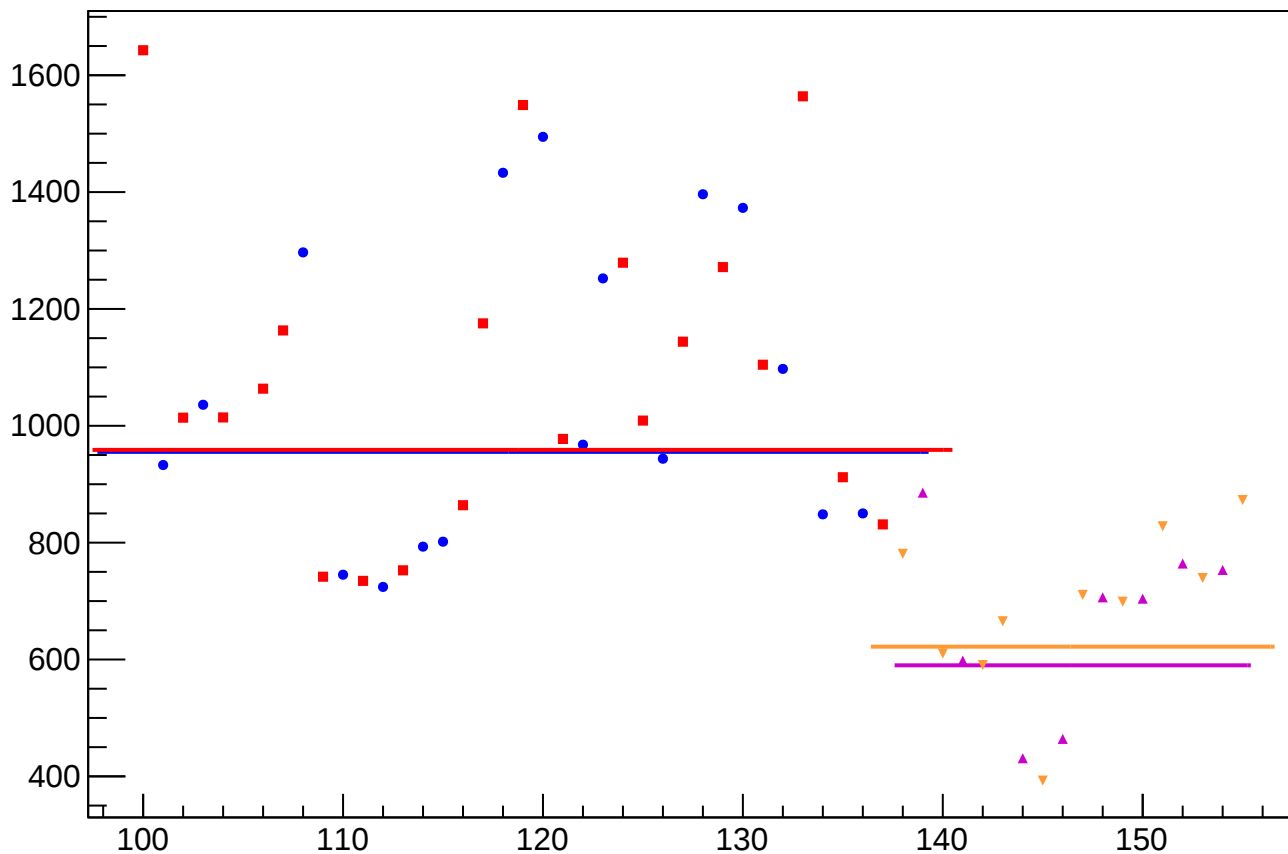
Right Out: -852.433 $\pm$ 369.018 χ^2/NDF : 13.0/19

Left In: -10.769 $\pm$ 238.376 χ^2/NDF : 6.7/7

-872.804 $\pm$ 201.855 χ^2/NDF : 54.7/26

-258.576 $\pm$ 200.233 χ^2/NDF : 23.3/27

asym_sam_37_avg_correction_rms vs Slug



Right In: 955.425+/-0.270 χ^2/NDF : 646512.4/16

Left Out: 621.998+/-0.168 χ^2/NDF : 892308.6/9

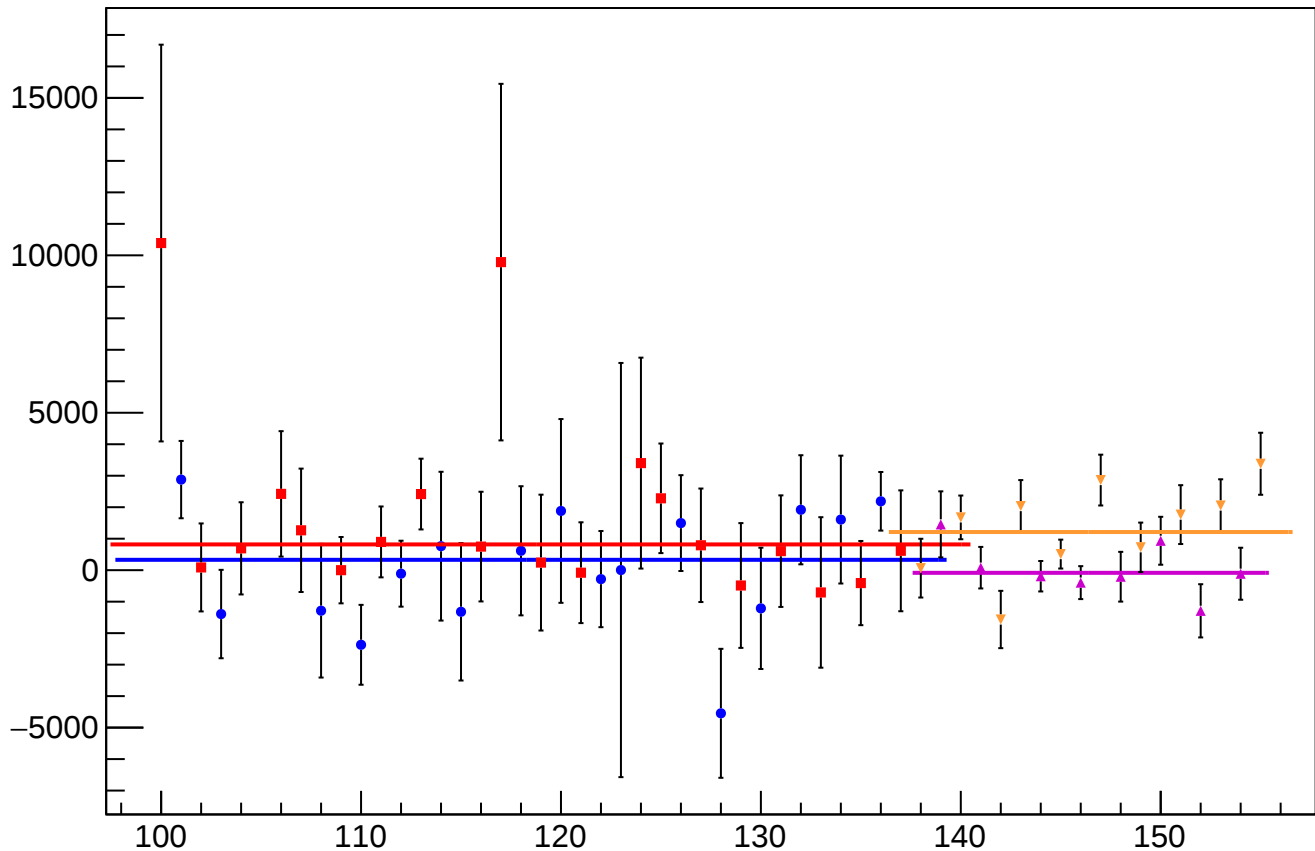
Right Out: 958.776+/-0.261 χ^2/NDF : 696031.2/19

Left In: 590.050+/-0.169 χ^2/NDF : 754252.0/7

715.101+/-0.143 χ^2/NDF : 2637109.8/26

698.612+/-0.142 χ^2/NDF : 2859204.2/27

asym_sam_37_avg_mean vs Slug



Right In: 329.164 ± 383.728 χ^2/NDF : 24.3/16

Left Out: 1212.029 ± 239.520 χ^2/NDF : 25.4/9

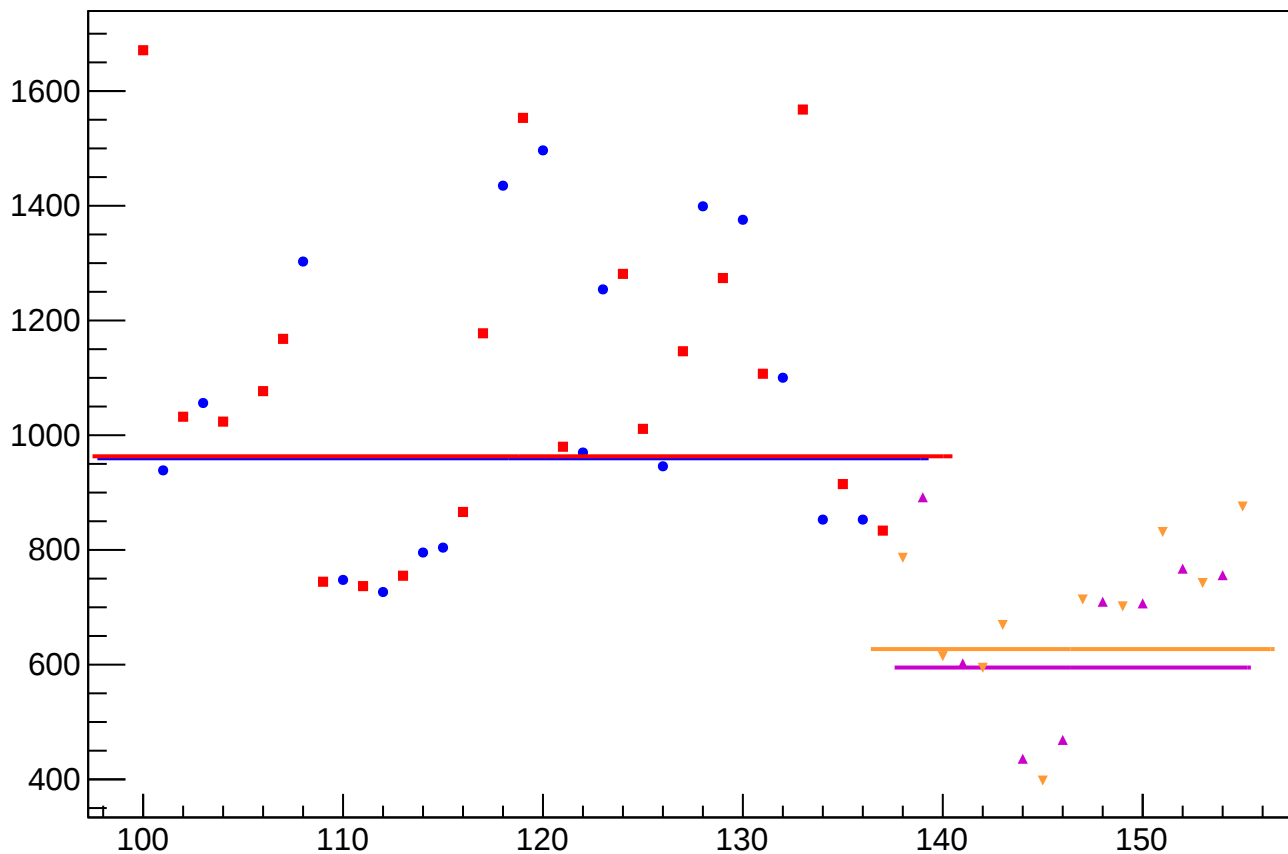
Right Out: 818.253 ± 370.875 χ^2/NDF : 11.8/19

Left In: -84.005 ± 240.183 χ^2/NDF : 6.5/7

964.494 ± 203.186 χ^2/NDF : 53.5/26

182.592 ± 201.599 χ^2/NDF : 22.5/27

asym_sam_37_avg_rms vs Slug



Right In: 959.770+/-0.271 χ^2/NDF : 646727.9/16

Left Out: 627.133+/-0.169 χ^2/NDF : 867867.4/9

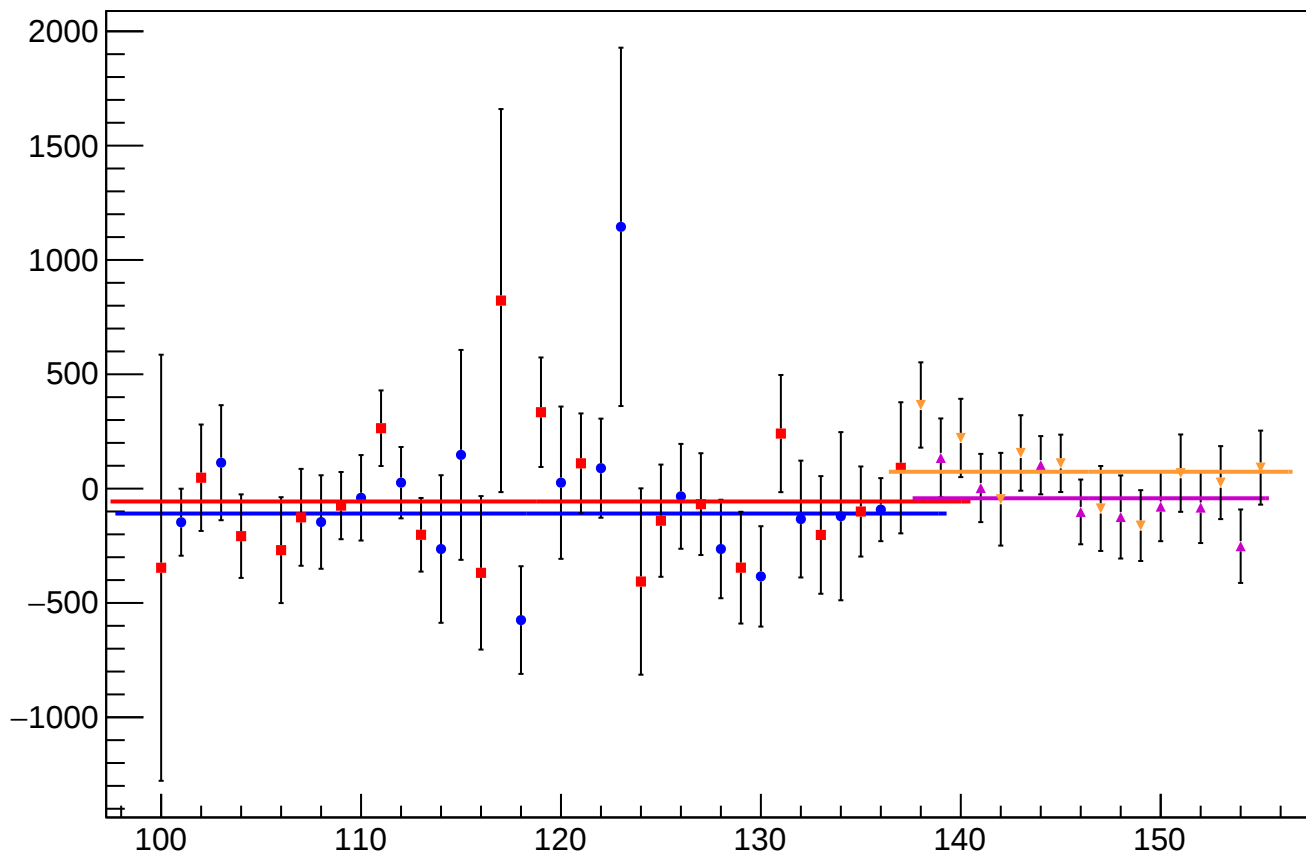
Right Out: 963.238+/-0.262 χ^2/NDF : 698638.3/19

Left In: 594.959+/-0.170 χ^2/NDF : 737624.9/7

720.397+/-0.144 χ^2/NDF : 2596103.4/26

703.777+/-0.143 χ^2/NDF : 2825653.1/27

reg_asym_sam_48_avg_mean vs Slug



Right In: -108.977 ± 52.923 $\chi^2/\text{NDF}: 12.0/16$

Left Out: 73.759 ± 51.957 $\chi^2/\text{NDF}: 7.0/9$

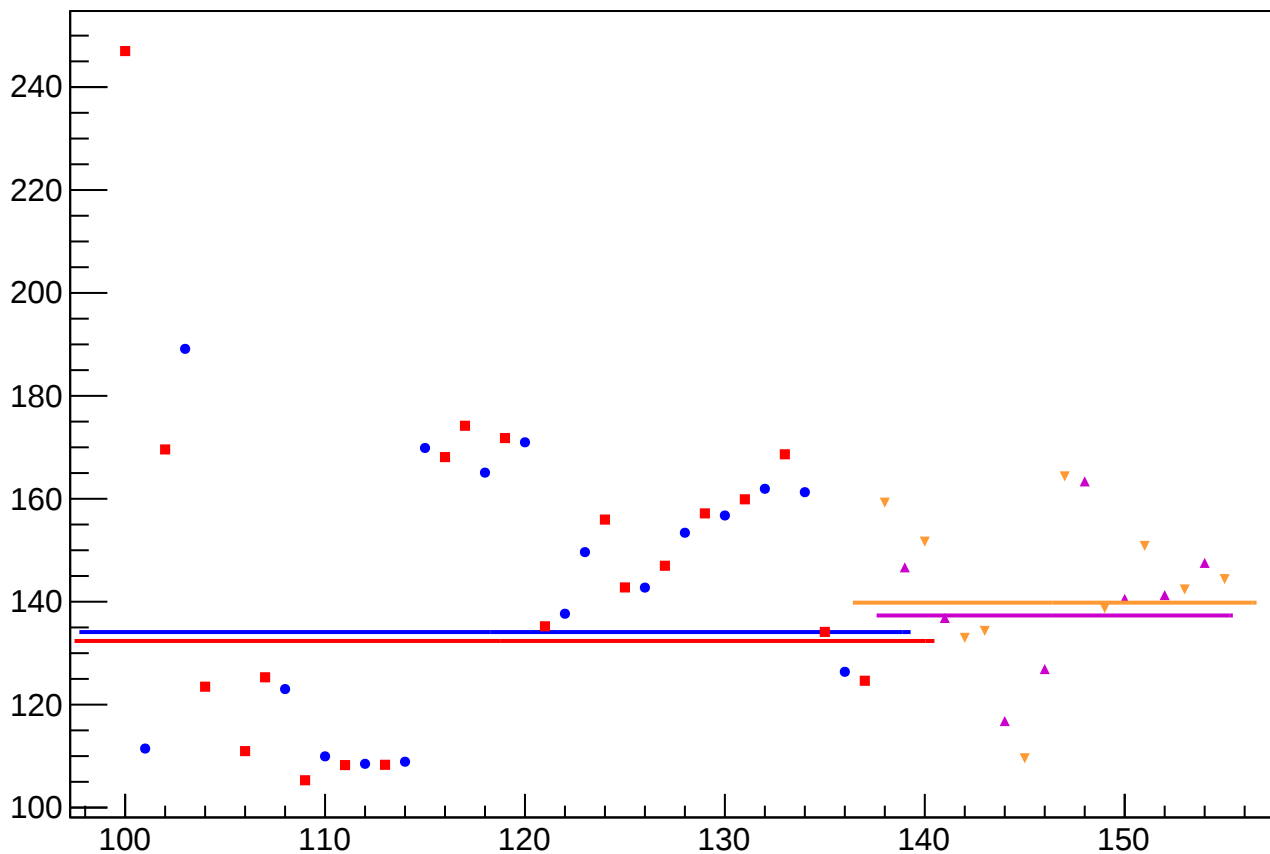
Right Out: -56.241 ± 50.729 $\chi^2/\text{NDF}: 16.0/19$

Left In: -42.233 ± 53.894 $\chi^2/\text{NDF}: 4.6/7$

-15.926 ± 37.076 $\chi^2/\text{NDF}: 25.1/26$

-49.660 ± 36.939 $\chi^2/\text{NDF}: 20.6/27$

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.103+/-0.037 χ^2/NDF : 402581.2/16

Left Out: 139.817+/-0.037 χ^2/NDF :197584.1/9

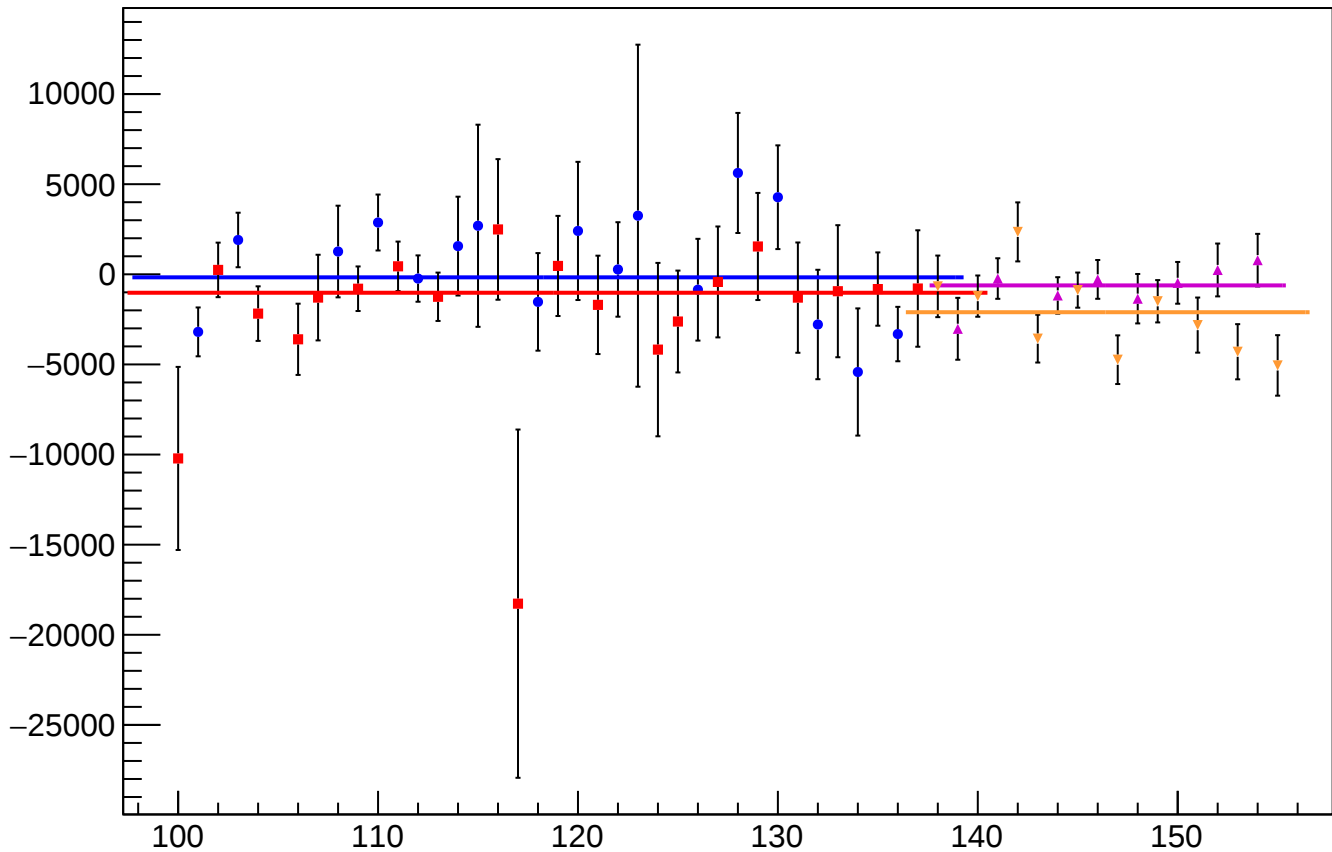
Right Out: 132.373+/-0.036 χ^2/NDF : 446741.9/19

Left In: 137.326+/-0.038 χ^2/NDF :120070.2/7

137.013+/-0.026 χ^2/NDF : 612034.9/26

134.700+/-0.026 χ^2/NDF : 575769.6/27

asym_sam_48_avg_correction_mean vs Slug



Right In: -168.237 ± 523.672 χ^2/NDF : 25.3/16

Left Out: -2103.363 ± 423.209 χ^2/NDF : 21.0/9

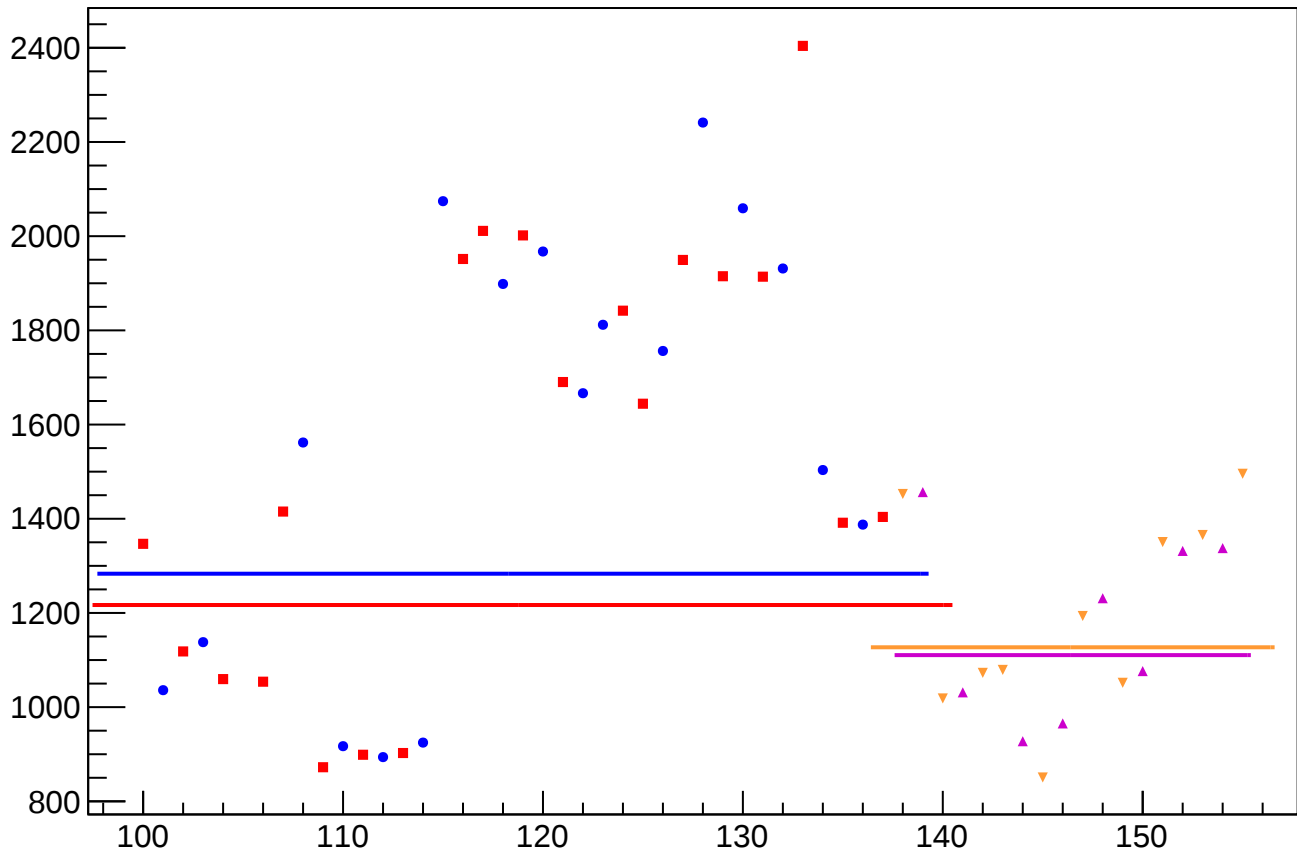
Right Out: -1023.271 ± 480.373 χ^2/NDF : 13.4/19

Left In: -615.909 ± 439.331 χ^2/NDF : 4.0/7

-1338.830 ± 329.157 χ^2/NDF : 54.5/26

-801.447 ± 324.194 χ^2/NDF : 17.8/27

asym_sam_48_avg_correction_rms vs Slug



Right In: 1283.318+/-0.370 χ^2/NDF : 1169431.5/16

Left Out: 1127.086+/-0.299 χ^2/NDF : 456975.2/9

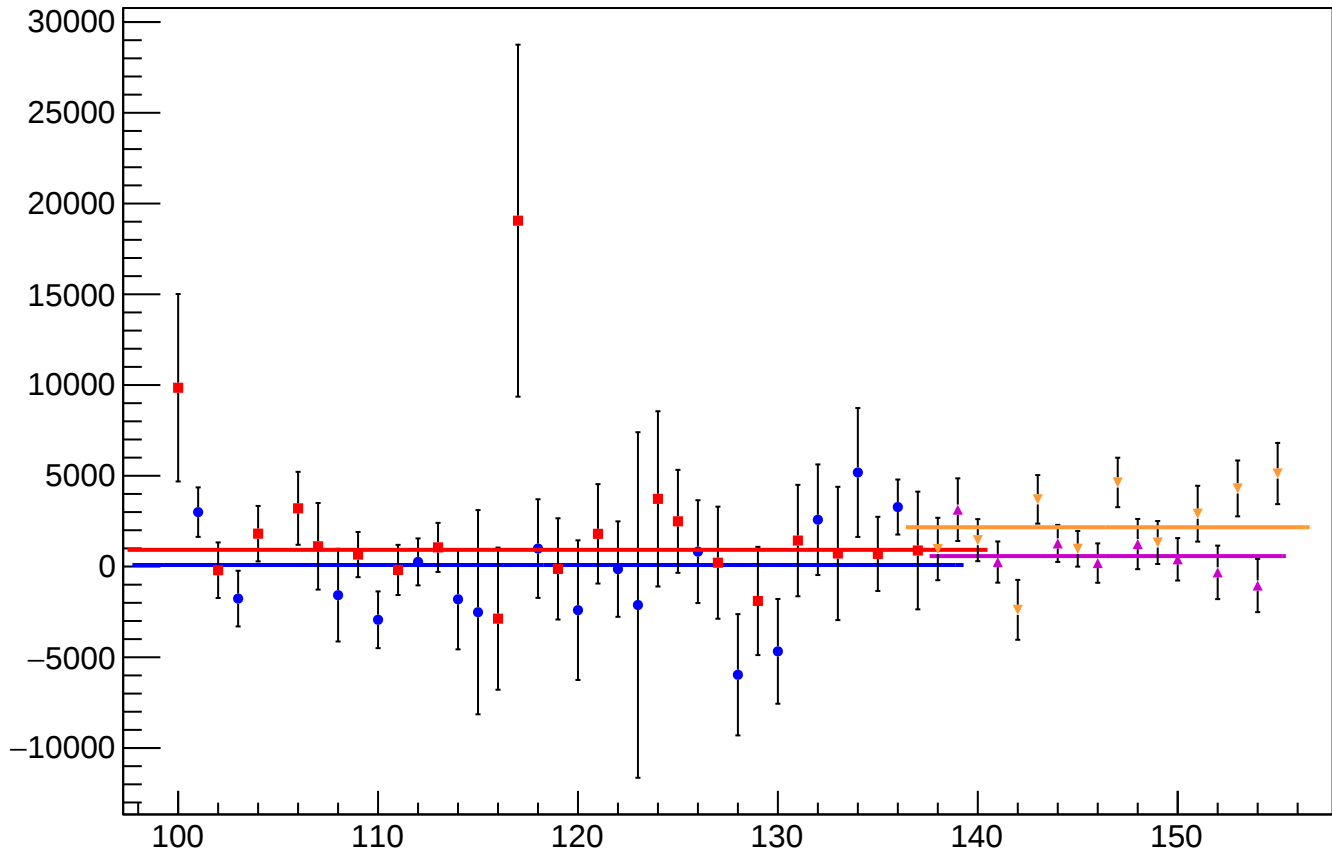
1188.810+/-0.233 χ^2/NDF : 1734089.7/26

Right Out: 1216.852+/-0.340 χ^2/NDF : 1374416.0/19

1158.918+/-0.229 χ^2/NDF : 1731937.6/27

Left In: 1110.462+/-0.311 χ^2/NDF : 304101.8/7

asym_sam_48_avg_mean vs Slug



Right In: 85.077 ± 527.082 χ^2/NDF : 24.7/16

Left Out: 2166.406 ± 426.645 χ^2/NDF : 20.3/9

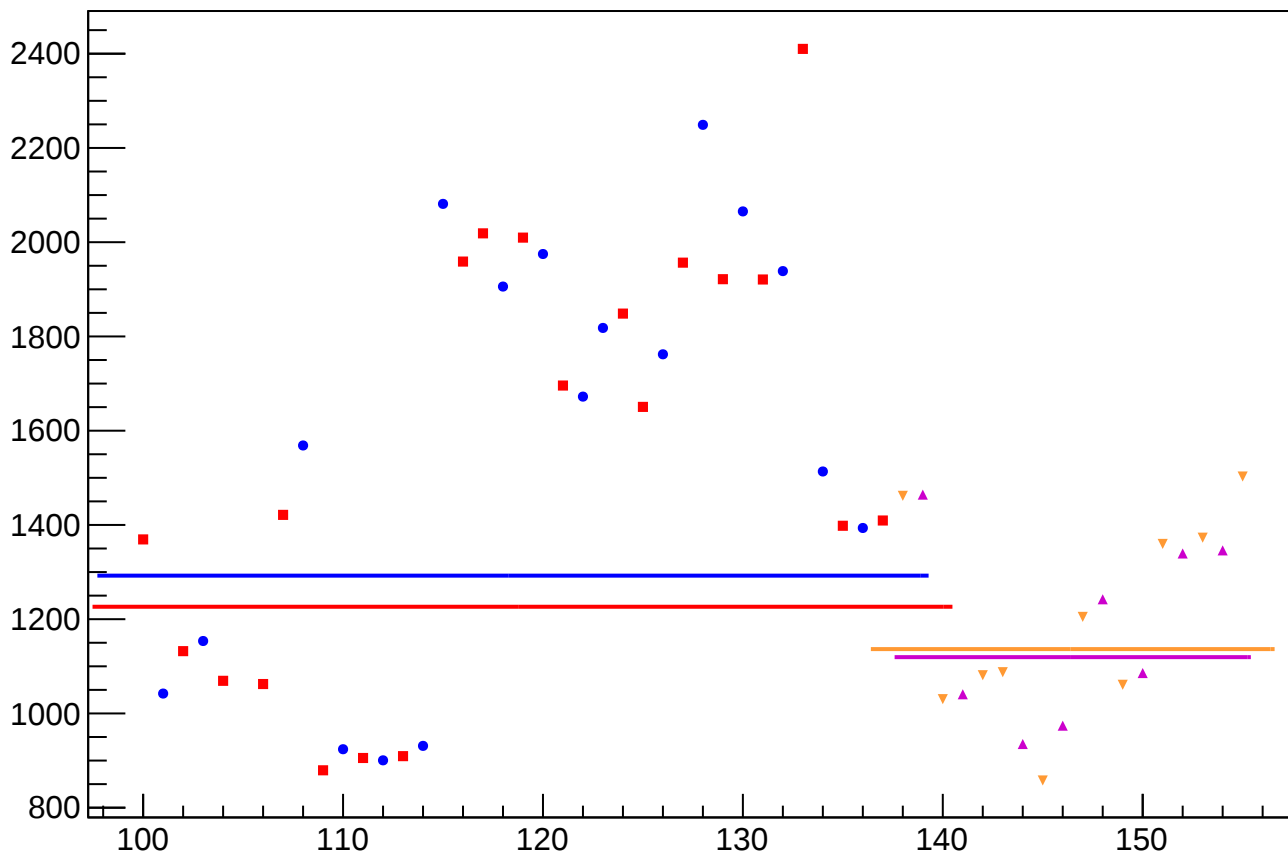
Right Out: 919.892 ± 484.043 χ^2/NDF : 12.2/19

Left In: 575.314 ± 442.807 χ^2/NDF : 4.7/7

1342.522 ± 331.620 χ^2/NDF : 54.4/26

732.303 ± 326.719 χ^2/NDF : 17.2/27

asym_sam_48_avg_rms vs Slug



Right In: 1292.426+/-0.373 χ^2/NDF : 1156576.0/16

Left Out: 1136.540+/-0.302 χ^2/NDF : 451052.8/9

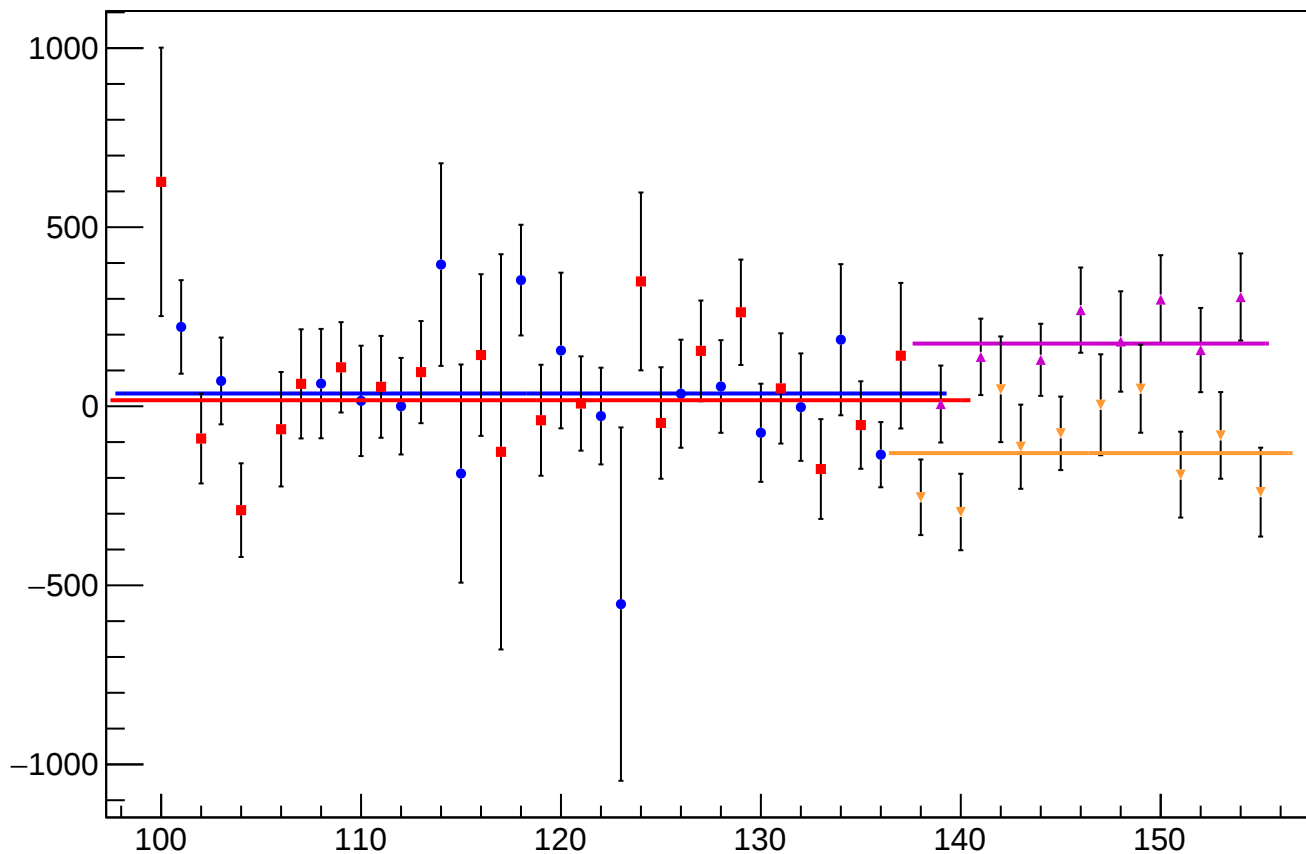
Right Out: 1226.408+/-0.342 χ^2/NDF : 1359134.9/19

Left In: 1119.466+/-0.313 χ^2/NDF : 300290.8/7

1198.247+/-0.234 χ^2/NDF : 1713318.7/26

1168.189+/-0.231 χ^2/NDF : 1712573.1/27

reg_asym_sam_15_dd_mean vs Slug



Right In: 35.679 ± 36.350 $\chi^2/\text{NDF}: 15.3/16$

Left Out: -130.729 ± 37.532 $\chi^2/\text{NDF}: 9.8/9$

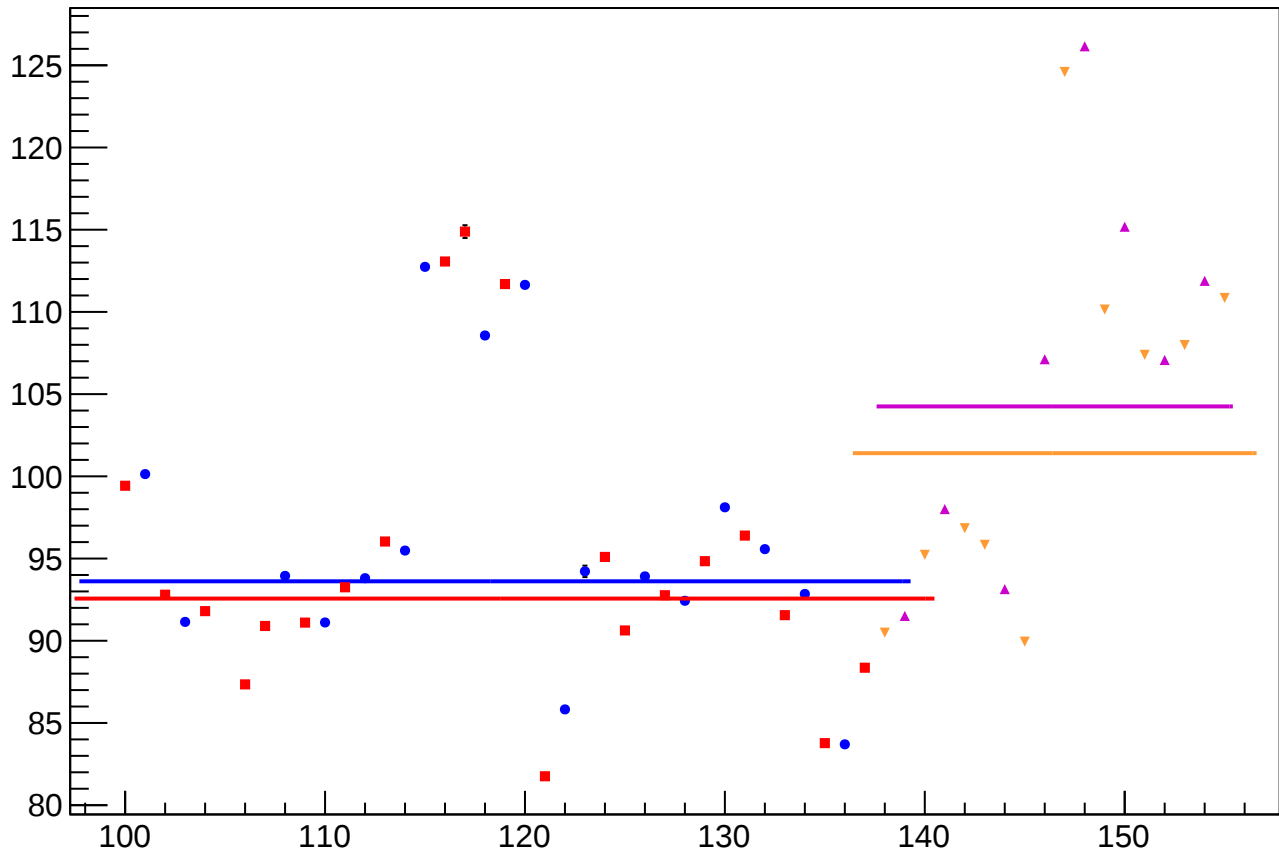
Right Out: 16.849 ± 34.623 $\chi^2/\text{NDF}: 19.0/19$

Left In: 175.051 ± 40.840 $\chi^2/\text{NDF}: 5.6/7$

-44.865 ± 26.111 $\chi^2/\text{NDF}: 35.2/26$

83.003 ± 26.410 $\chi^2/\text{NDF}: 33.3/27$

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.616+/-0.026 χ^2/NDF : 79928.5/16

Left Out: 101.409+/-0.027 χ^2/NDF : 146134.4/9

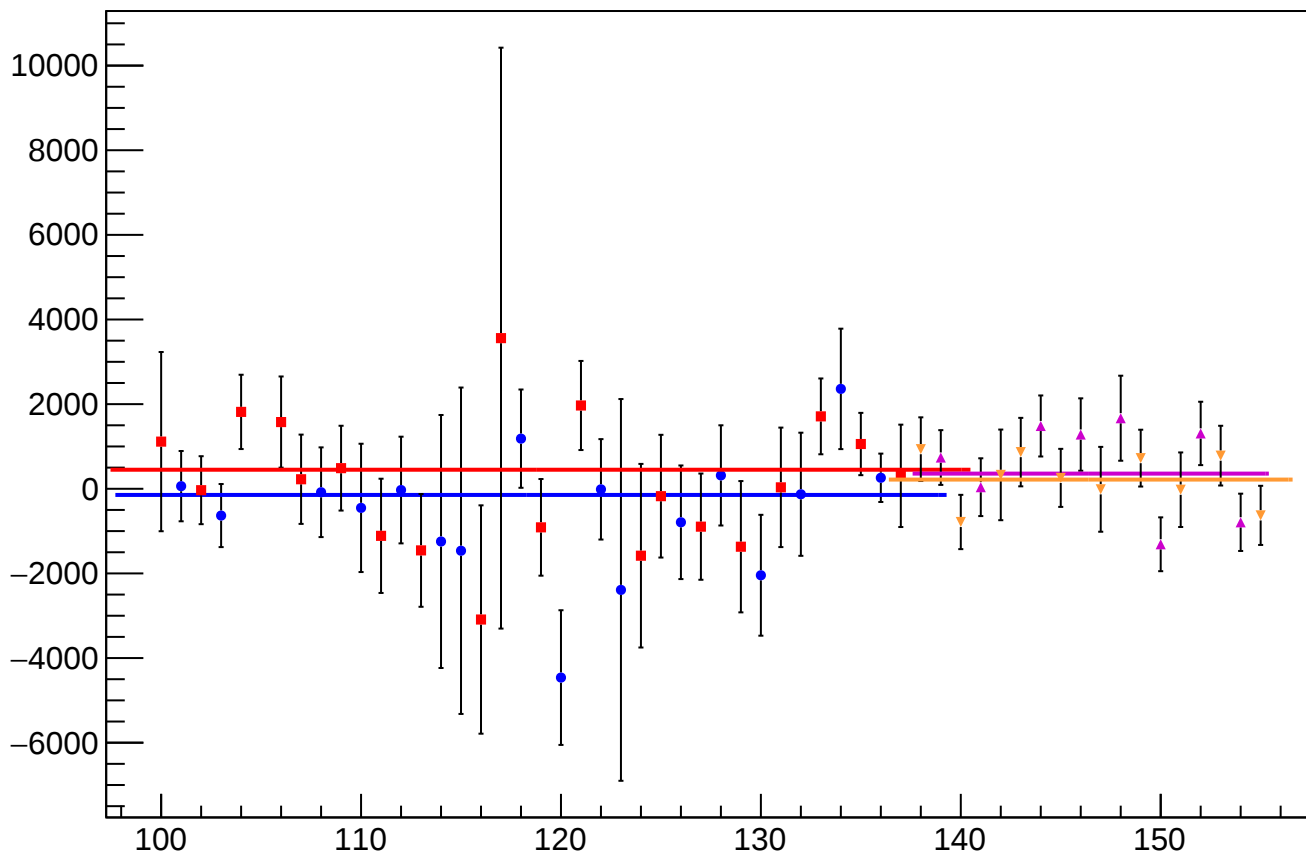
Right Out: 92.565+/-0.024 χ^2/NDF : 81875.5/19

Left In: 104.252+/-0.029 χ^2/NDF : 133937.4/7

97.388+/-0.018 χ^2/NDF : 270550.3/26

97.452+/-0.019 χ^2/NDF : 311104.4/27

asym_sam_15_dd_correction_mean vs Slug



Right In: -145.464 $\pm$ 276.629 χ^2 /NDF: 15.5/16

Left Out: 217.336 $\pm$ 240.564 χ^2 /NDF: 6.8/9

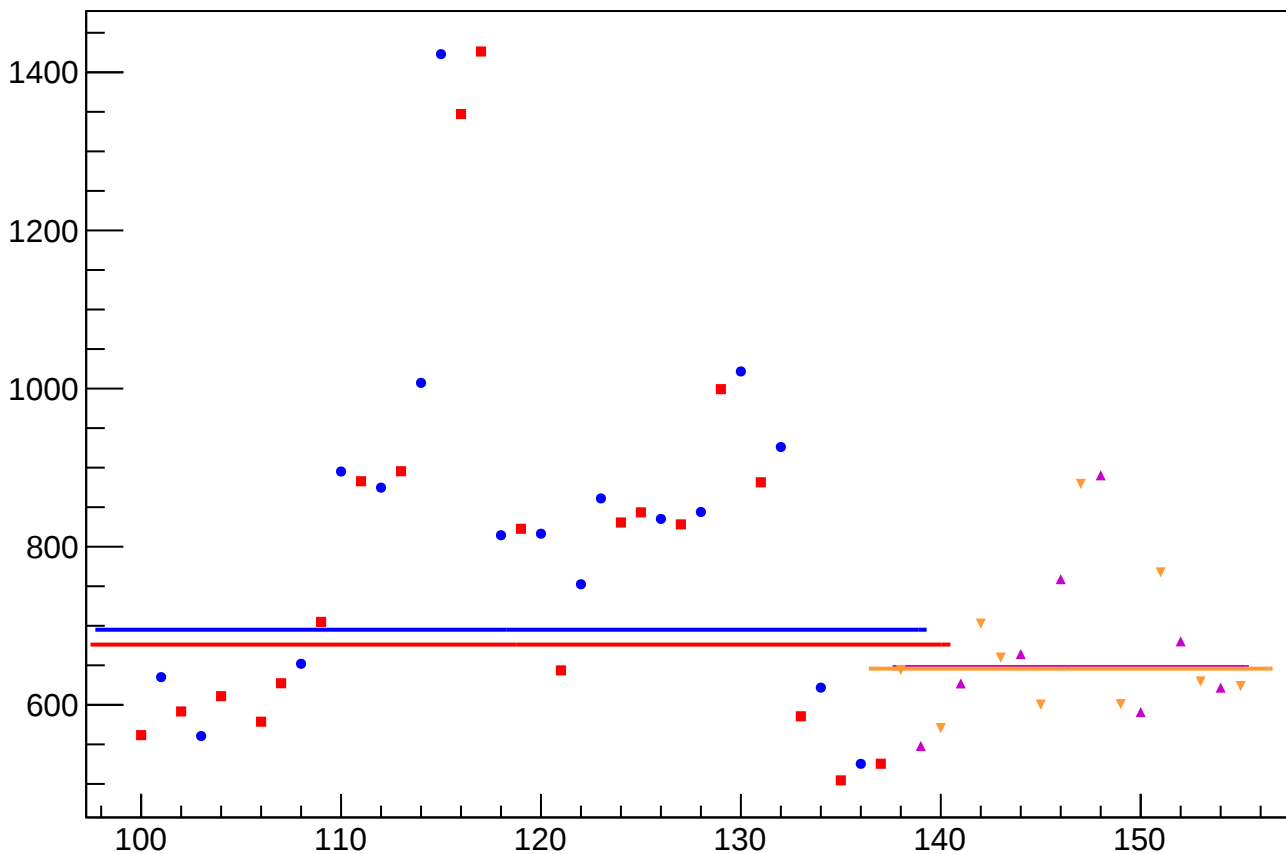
Right Out: 450.047 $\pm$ 260.089 χ^2 /NDF: 19.2/19

Left In: 358.543 $\pm$ 256.038 χ^2 /NDF: 17.3/7

61.113 $\pm$ 181.525 χ^2 /NDF: 23.3/26

403.577 $\pm$ 182.461 χ^2 /NDF: 36.5/27

asym_sam_15_dd_correction_rms vs Slug



Right In: 695.014 ± 0.196 χ^2/NDF : 677713.0/16

Left Out: 645.821 ± 0.170 χ^2/NDF : 201383.3/9

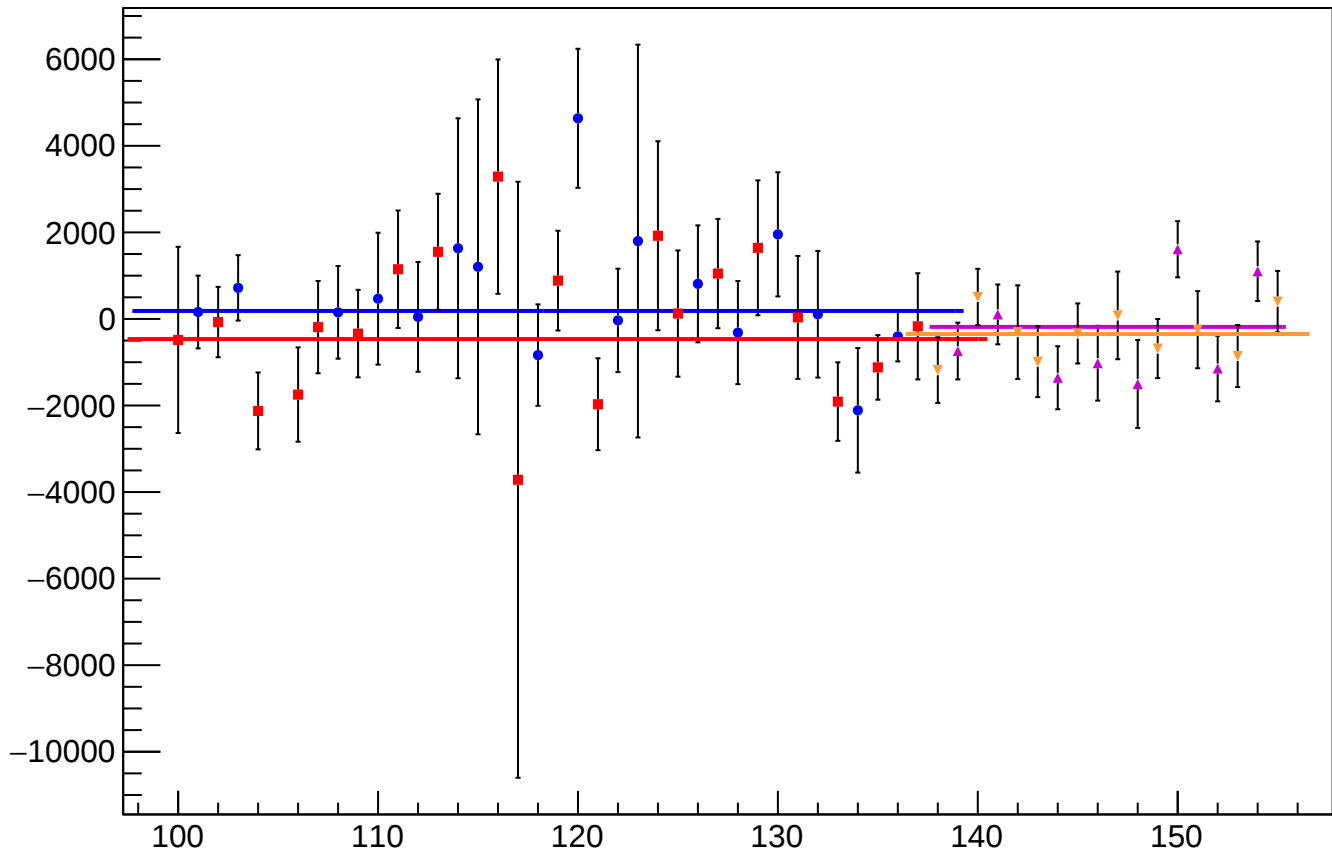
Right Out: 676.229 ± 0.184 χ^2/NDF : 700313.6/19

Left In: 647.924 ± 0.181 χ^2/NDF : 223526.0/7

667.004 ± 0.128 χ^2/NDF : 915108.5/26

661.854 ± 0.129 χ^2/NDF : 935869.6/27

asym_sam_15_dd_mean vs Slug



Right In: 184.518 ± 279.390 χ^2/NDF : 14.9/16

Left Out: -348.098 ± 243.681 χ^2/NDF : 5.6/9

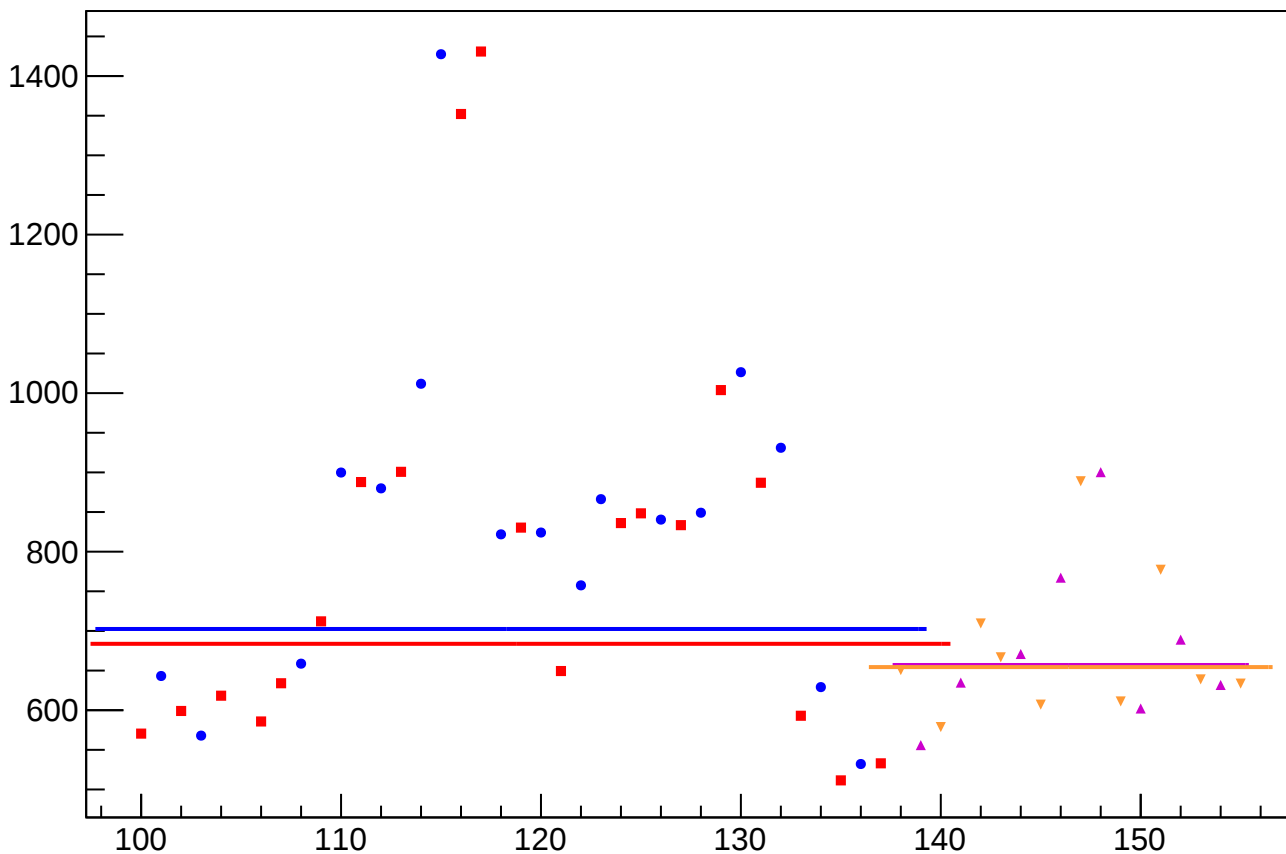
Right Out: -464.916 ± 262.768 χ^2/NDF : 22.5/19

Left In: -183.694 ± 259.536 χ^2/NDF : 18.9/7

-117.982 ± 183.644 χ^2/NDF : 22.6/26

-322.565 ± 184.652 χ^2/NDF : 42.0/27

asym_sam_15_dd_rms vs Slug



Right In: 702.469+/-0.198 χ^2/NDF : 660525.4/16

Left Out: 654.397+/-0.172 χ^2/NDF : 197923.6/9

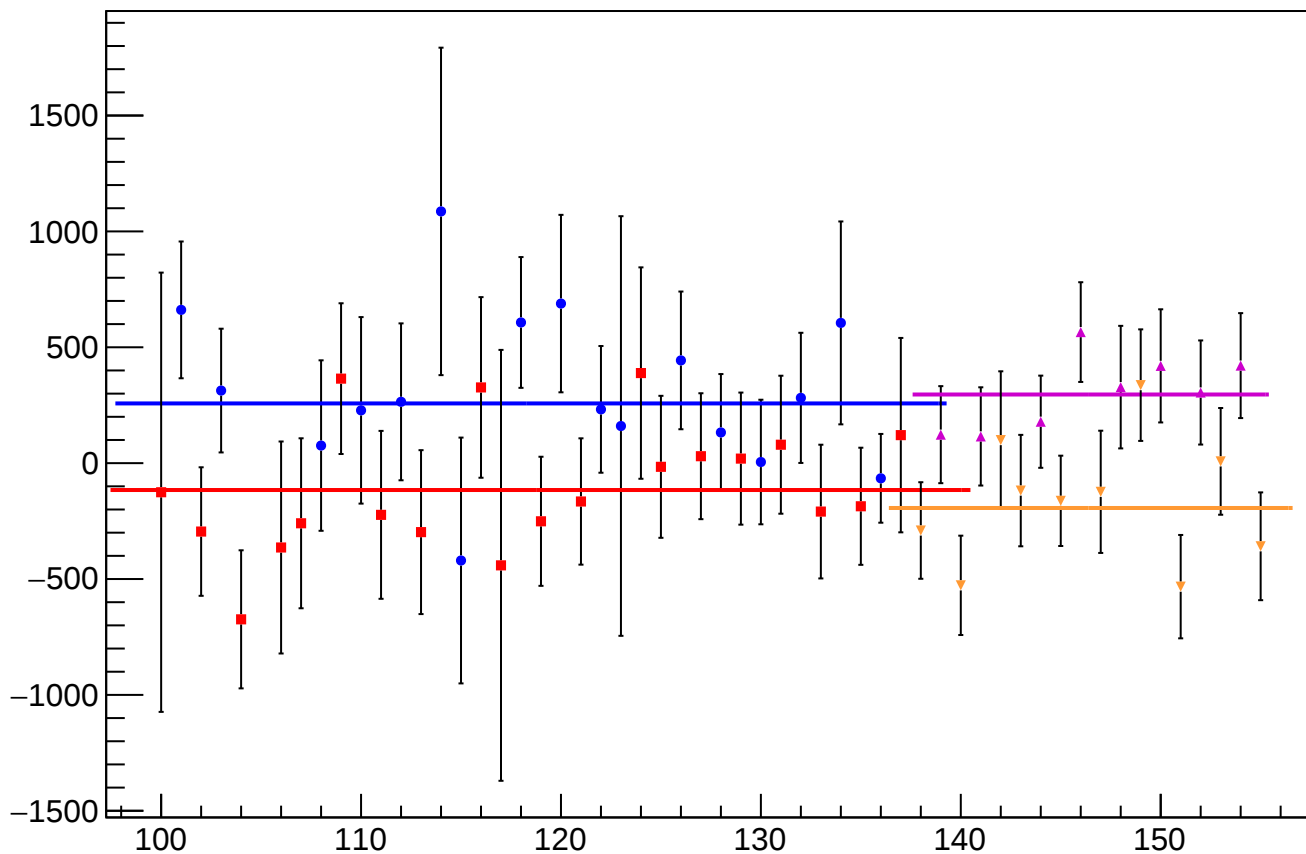
Right Out: 683.751+/-0.186 χ^2/NDF : 683105.3/19

Left In: 657.043+/-0.184 χ^2/NDF : 218155.4/7

675.166+/-0.130 χ^2/NDF : 892077.0/26

670.232+/-0.131 χ^2/NDF : 911719.6/27

reg_asym_sam_26_dd_mean vs Slug



Right In: 257.721 ± 75.931 χ^2/NDF : 13.0/16

Left Out: -193.465 ± 72.760 χ^2/NDF : 12.2/9

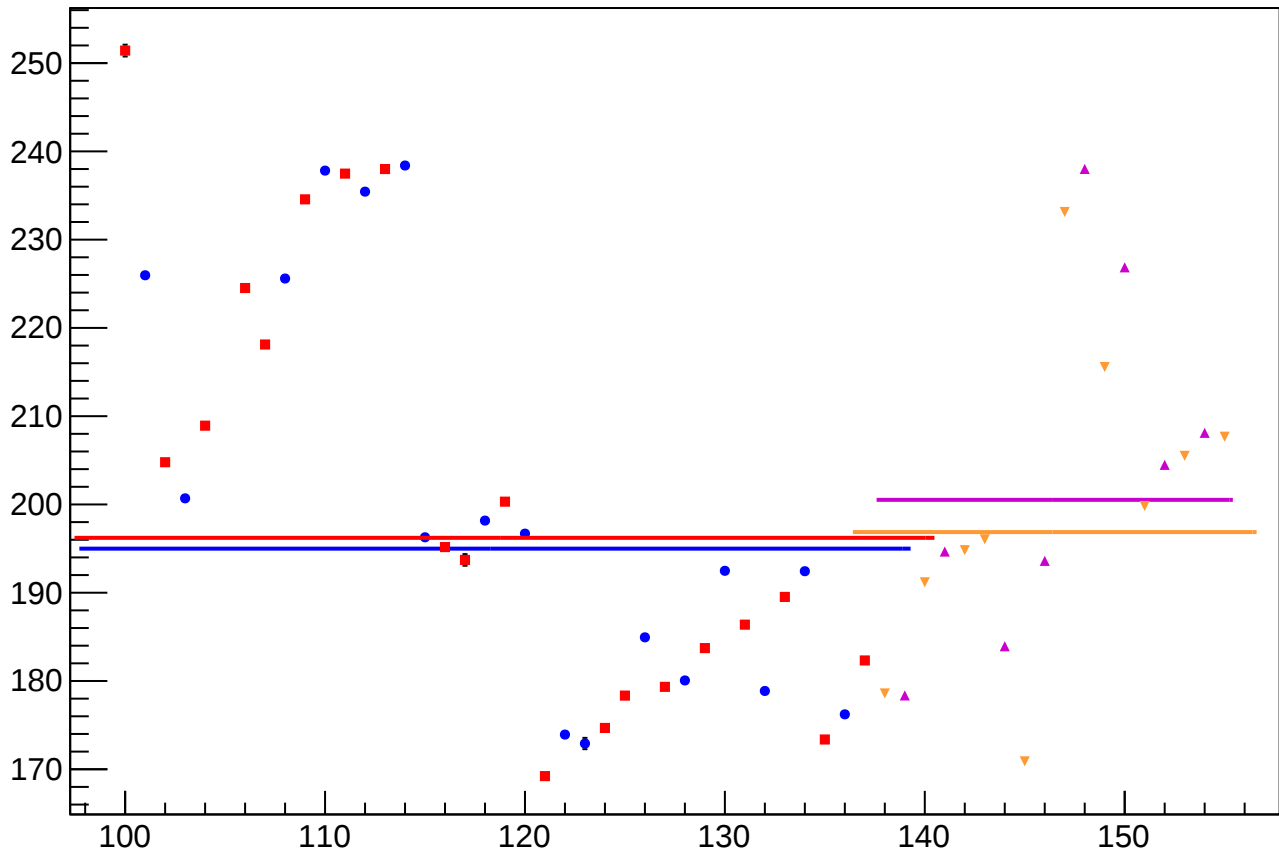
Right Out: -115.922 ± 73.976 χ^2/NDF : 11.4/19

Left In: 296.240 ± 78.476 χ^2/NDF : 3.9/7

22.510 ± 52.534 χ^2/NDF : 43.7/26

78.001 ± 53.830 χ^2/NDF : 29.9/27

reg_asym_sam_26_dd_rms vs Slug



Right In: 194.994 $\pm$ 0.054 χ^2 /NDF: 144271.1/16

Left Out: 196.870 $\pm$ 0.051 χ^2 /NDF:109843.6/9

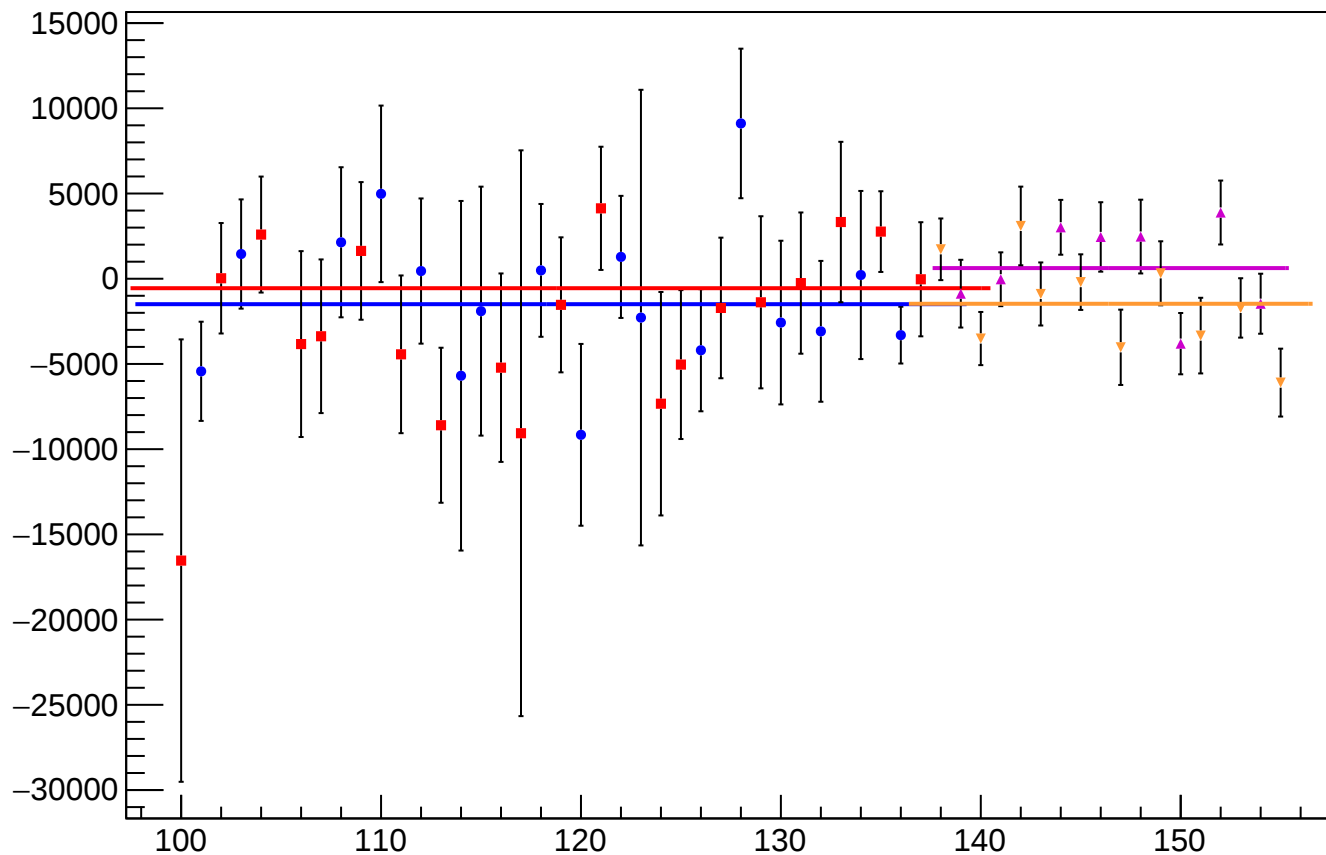
Right Out: 196.219 $\pm$ 0.052 χ^2 /NDF: 173506.2/19

Left In: 200.523 $\pm$ 0.055 χ^2 /NDF:106268.1/7

195.972 $\pm$ 0.037 χ^2 /NDF: 254750.9/26

198.244 $\pm$ 0.038 χ^2 /NDF: 282960.0/27

asym_sam_26_dd_correction_mean vs Slug



Right In: -1493.280 ± 910.834 χ^2/NDF : 16.1/16

Left Out: -1469.457 ± 592.795 χ^2/NDF : 17.8/9

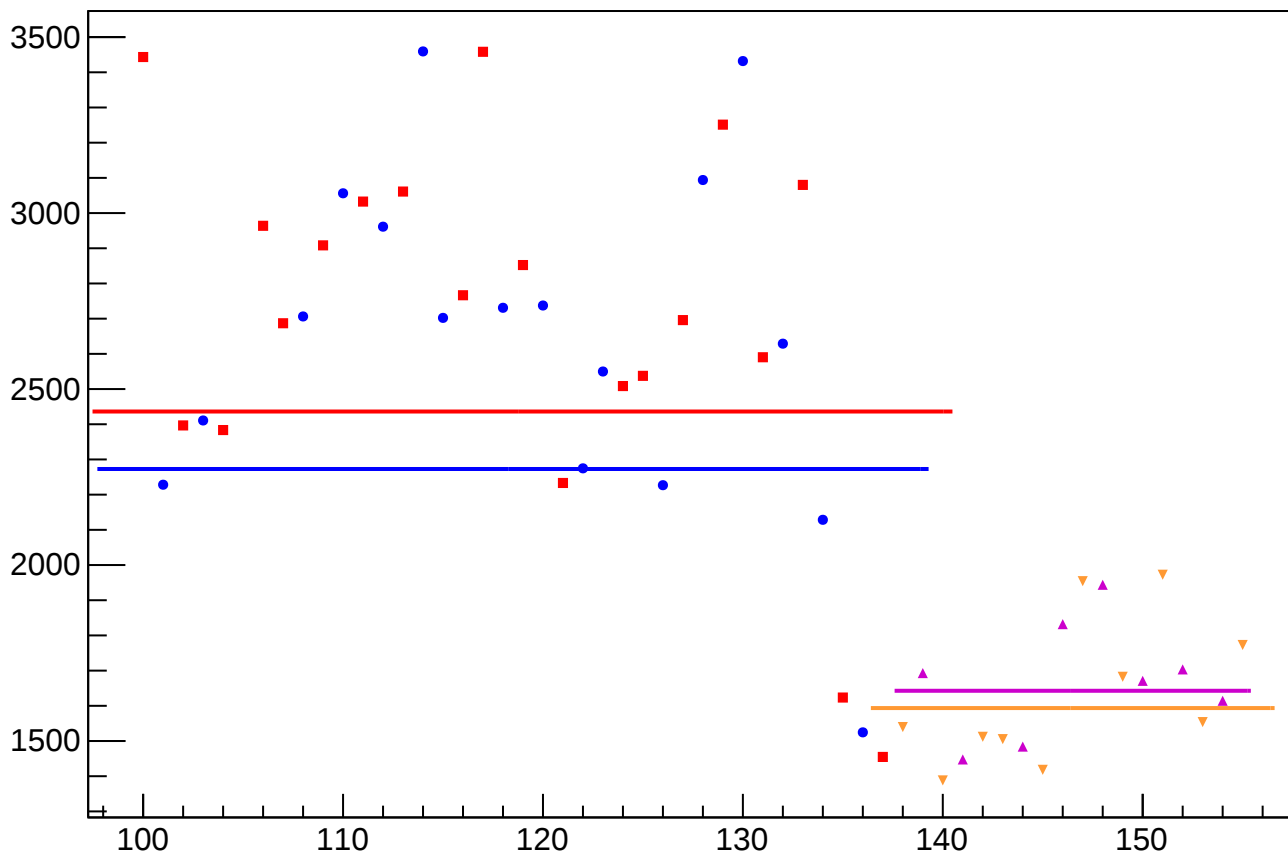
Right Out: -555.744 ± 933.239 χ^2/NDF : 14.9/19

Left In: 624.153 ± 643.971 χ^2/NDF : 15.0/7

-1476.545 ± 496.838 χ^2/NDF : 34.0/26

243.561 ± 530.030 χ^2/NDF : 31.0/27

asym_sam_26_dd_correction_rms vs Slug



Right In: 2272.883+/-0.644 χ^2/NDF : 805650.3/16

Left Out: 1593.607+/-0.419 χ^2/NDF : 199995.5/9

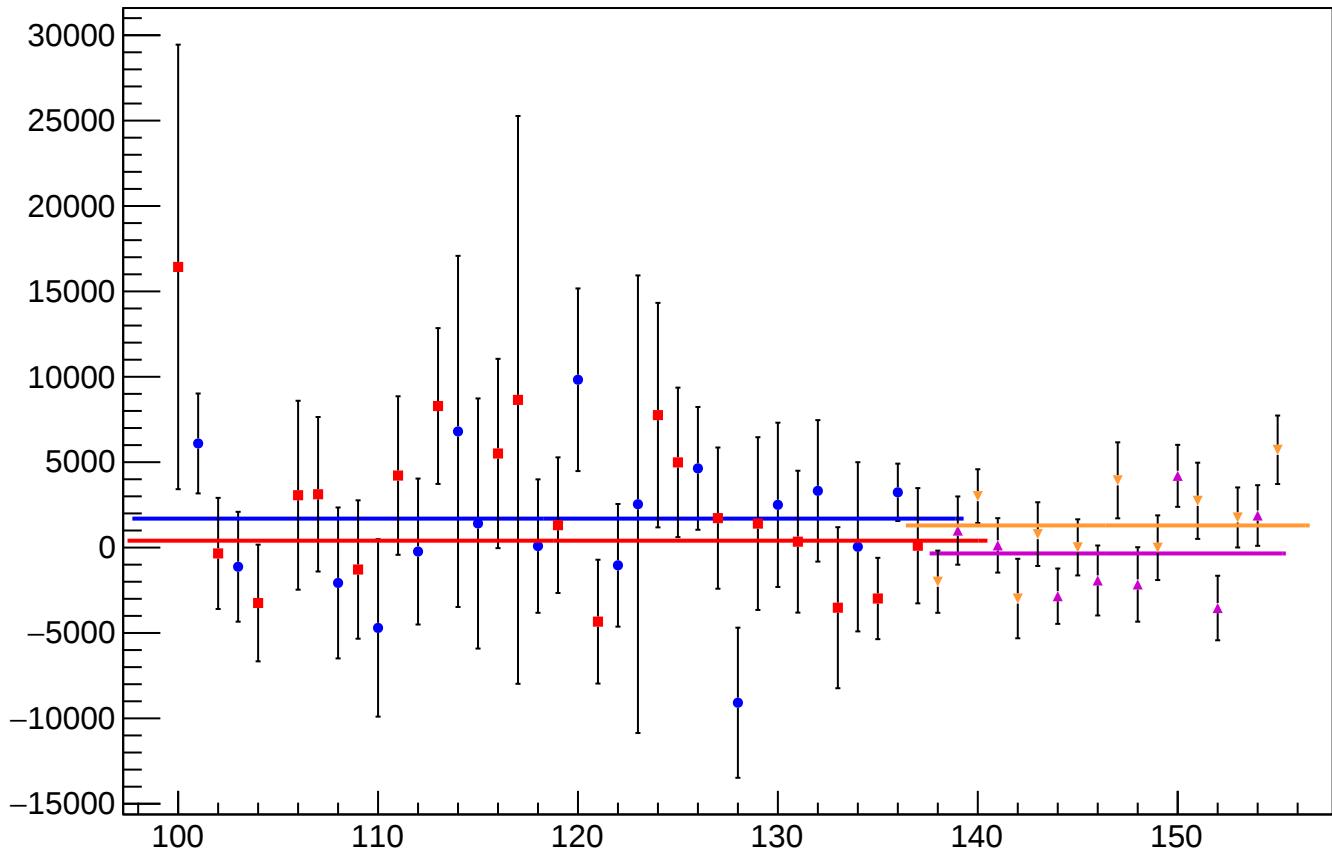
Right Out: 2436.191+/-0.660 χ^2/NDF : 688391.3/19

Left In: 1642.738+/-0.455 χ^2/NDF : 110395.9/7

1795.721+/-0.351 χ^2/NDF : 1787029.1/26

1898.677+/-0.375 χ^2/NDF : 1778176.0/27

asym_sam_26_dd_mean vs Slug



Right In: 1695.956 $\pm$ 914.855 χ^2 /NDF: 16.6/16

Left Out: 1295.740 $\pm$ 597.486 χ^2 /NDF: 15.8/9

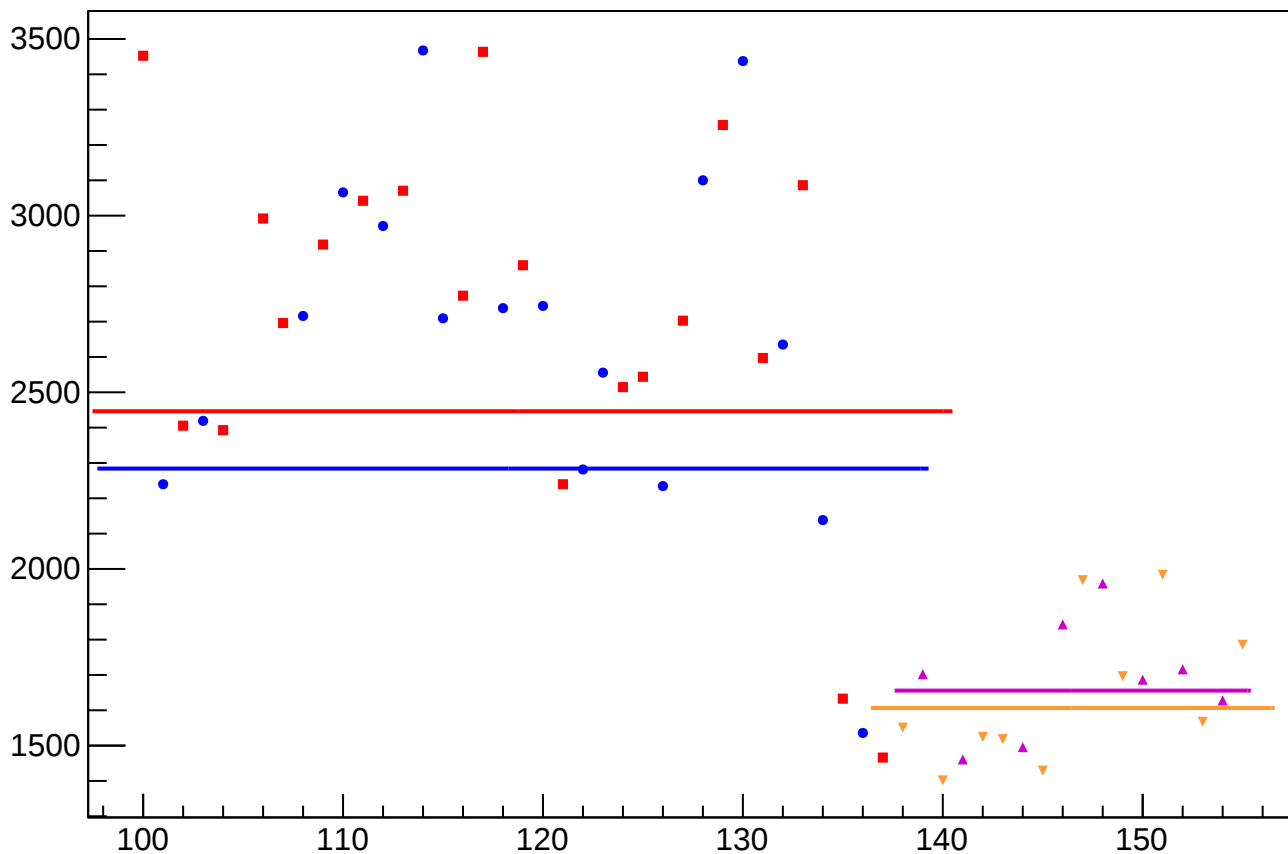
Right Out: 403.904 $\pm$ 937.036 χ^2 /NDF: 15.2/19

Left In: -344.026 $\pm$ 648.982 χ^2 /NDF: 14.9/7

1415.404 $\pm$ 500.250 χ^2 /NDF: 32.5/26

-101.563 $\pm$ 533.517 χ^2 /NDF: 30.5/27

asym_sam_26_dd_rms vs Slug



Right In: 2284.104+/-0.647 χ^2/NDF : 793993.4/16

Left Out: 1606.515+/-0.422 χ^2/NDF : 197402.8/9

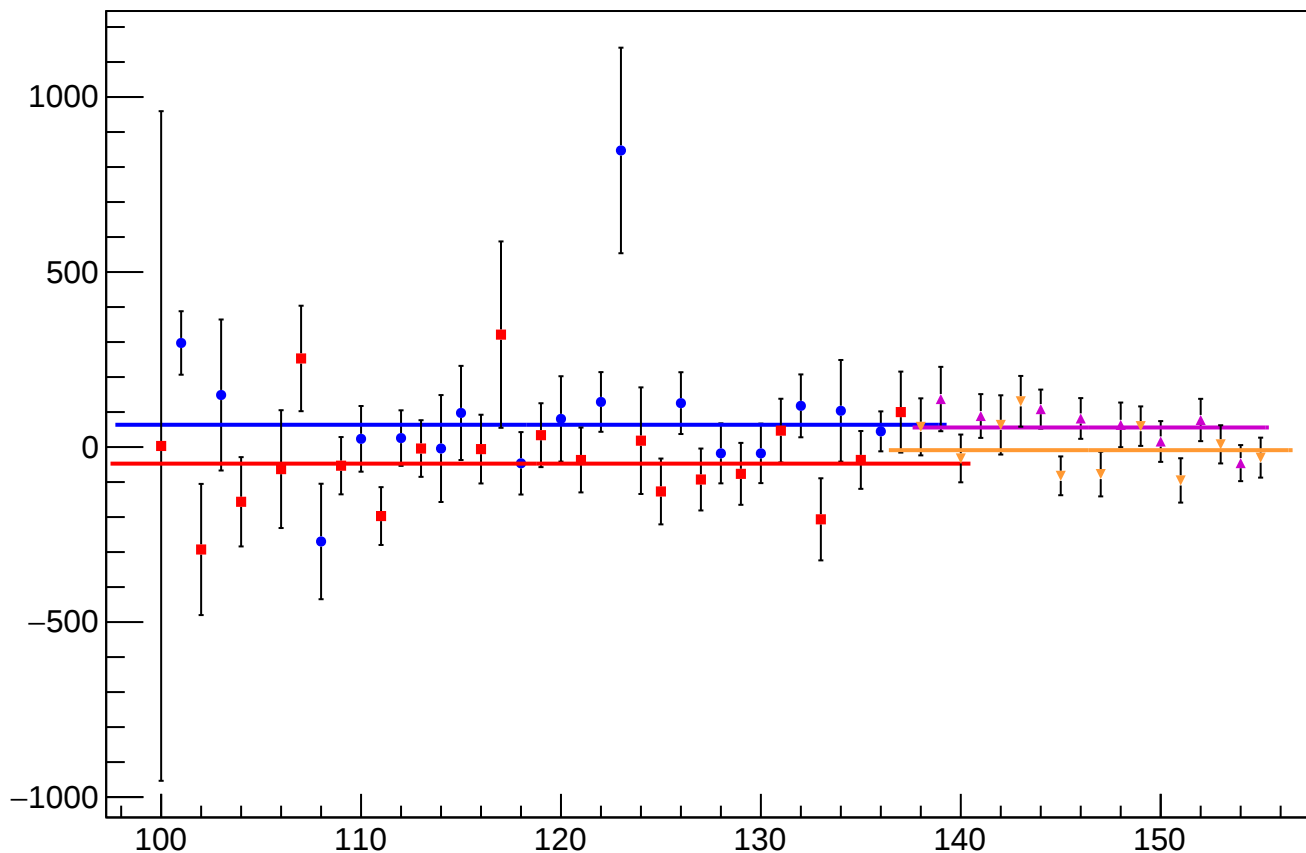
Right Out: 2446.366+/-0.663 χ^2/NDF : 680413.3/19

Left In: 1655.715+/-0.459 χ^2/NDF : 108911.5/7

1809.113+/-0.354 χ^2/NDF : 1760485.2/26

1912.028+/-0.377 χ^2/NDF : 1751643.2/27

reg_asym_sam_37_dd_mean vs Slug



Right In: 63.666 +/- 23.743 χ^2/NDF : 23.7/16

Left Out: -8.885 +/- 20.110 χ^2/NDF : 11.7/9

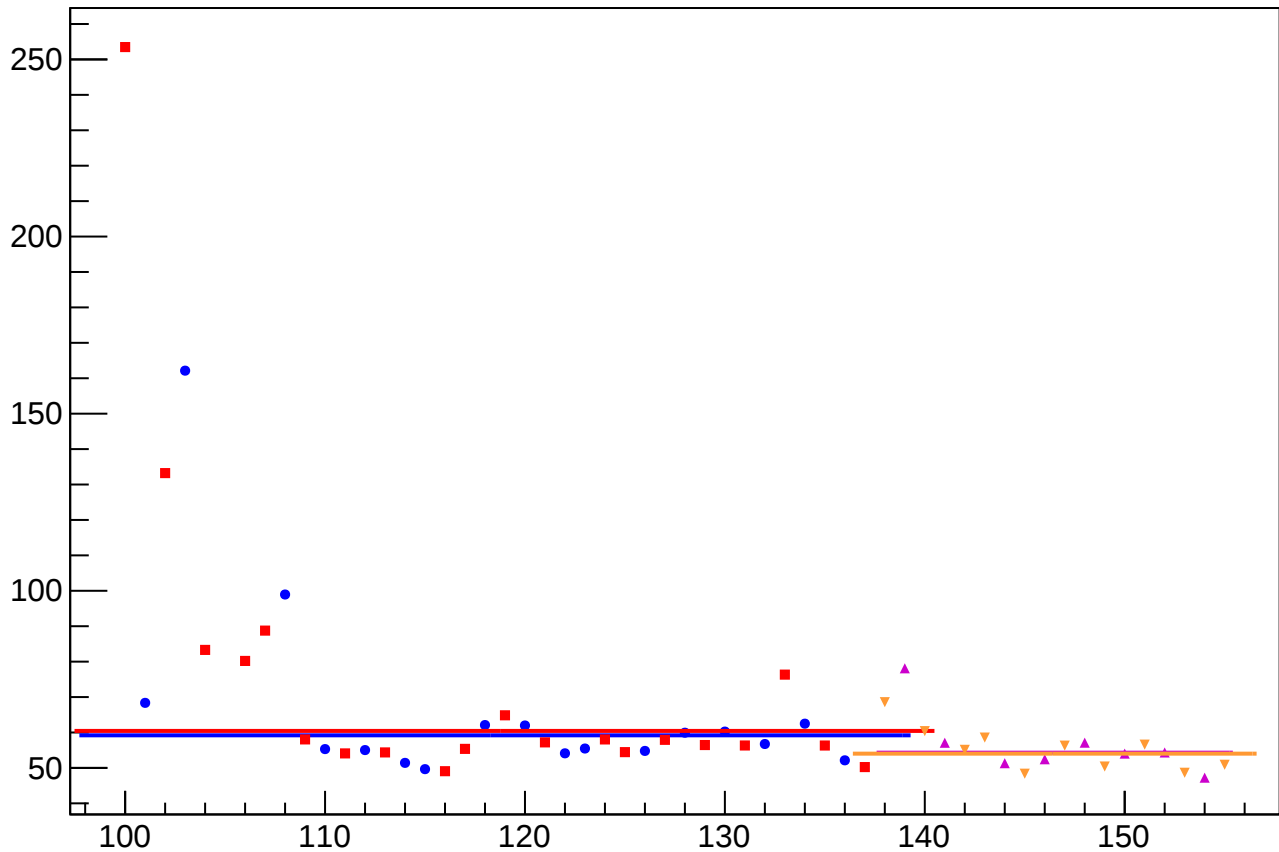
Right Out: -47.367 +/- 23.568 χ^2/NDF : 18.7/19

Left In: 55.930 +/- 21.406 χ^2/NDF : 6.7/7

21.422 +/- 15.345 χ^2/NDF : 40.8/26

9.236 +/- 15.846 χ^2/NDF : 35.9/27

reg_asym_sam_37_dd_rms vs Slug



Right In: 59.200+/-0.017 χ^2/NDF : 665472.4/16

Left Out: 54.026+/-0.014 χ^2/NDF : 149617.1/9

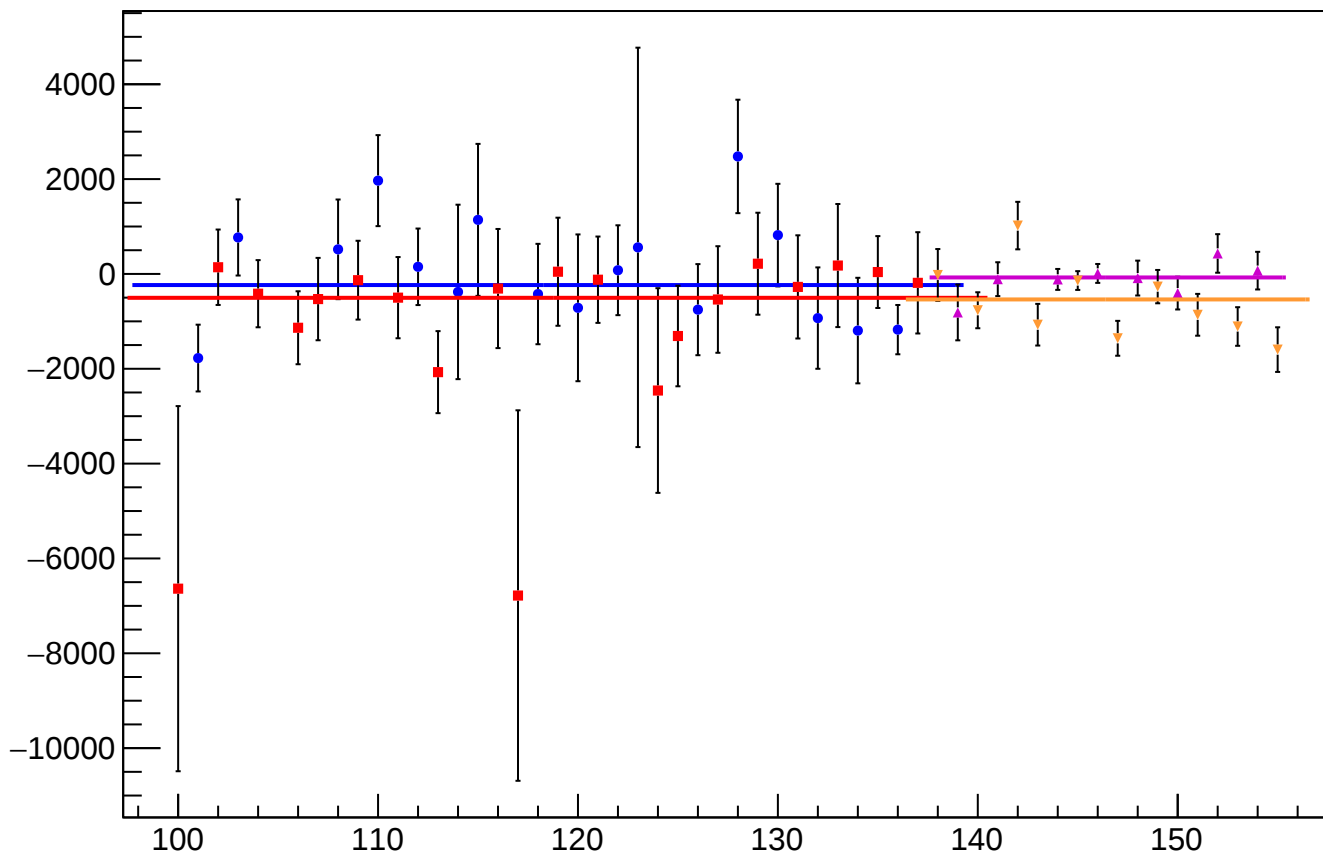
Right Out: 60.443+/-0.017 χ^2/NDF : 680790.3/19

Left In: 54.305+/-0.015 χ^2/NDF : 187479.7/7

56.188+/-0.011 χ^2/NDF : 870391.9/26

57.080+/-0.011 χ^2/NDF : 942595.7/27

asym_sam_37_dd_correction_mean vs Slug



Right In: -234.492 ± 233.880 χ^2/NDF : 24.2/16

Left Out: -537.937 ± 114.588 χ^2/NDF : 29.6/9

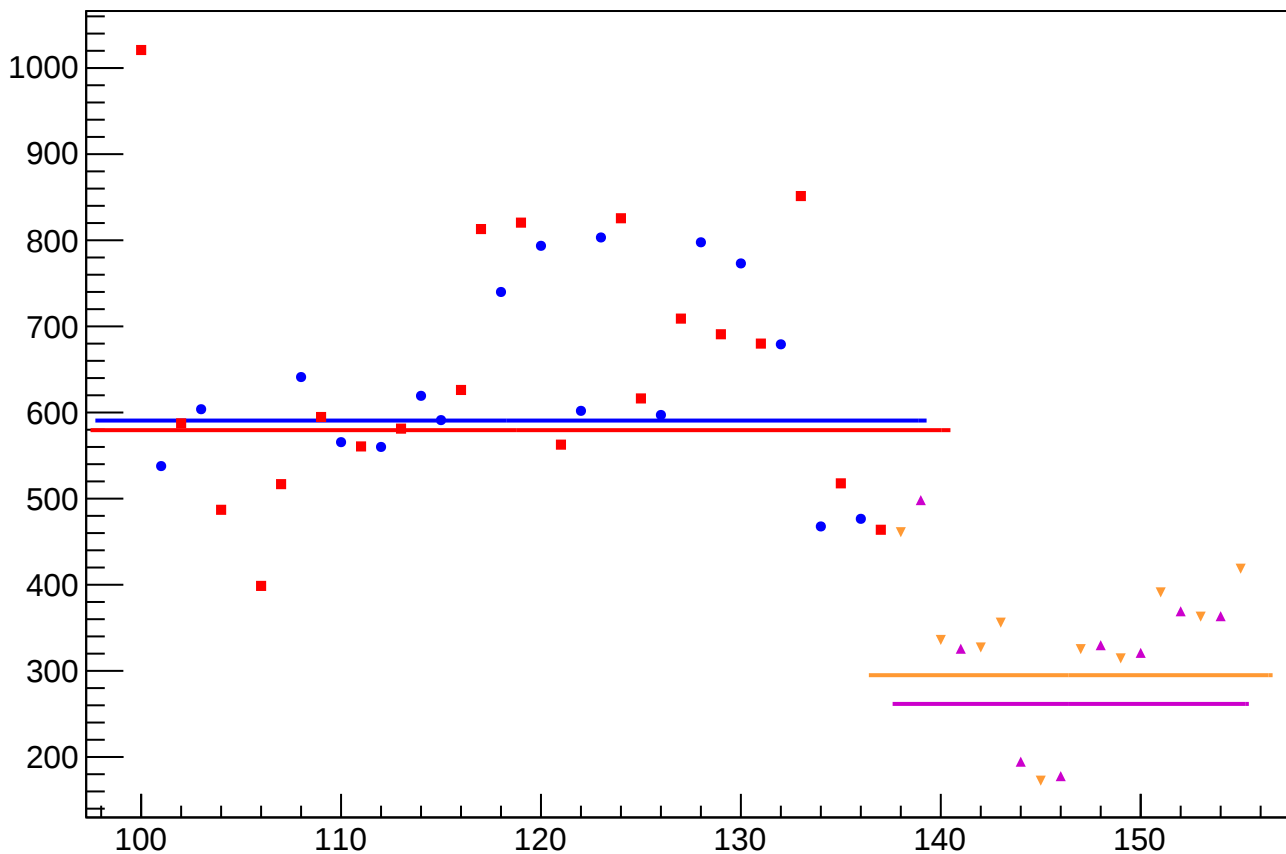
Right Out: -503.638 ± 221.955 χ^2/NDF : 13.2/19

Left In: -74.349 ± 108.743 χ^2/NDF : 4.4/7

-479.197 ± 102.901 χ^2/NDF : 55.1/26

-157.448 ± 97.653 χ^2/NDF : 20.6/27

asym_sam_37_dd_correction_rms vs Slug



Right In: 590.659+/-0.165 χ^2/NDF : 352080.1/16

Left Out: 294.982+/-0.081 χ^2/NDF :1328599.4/9

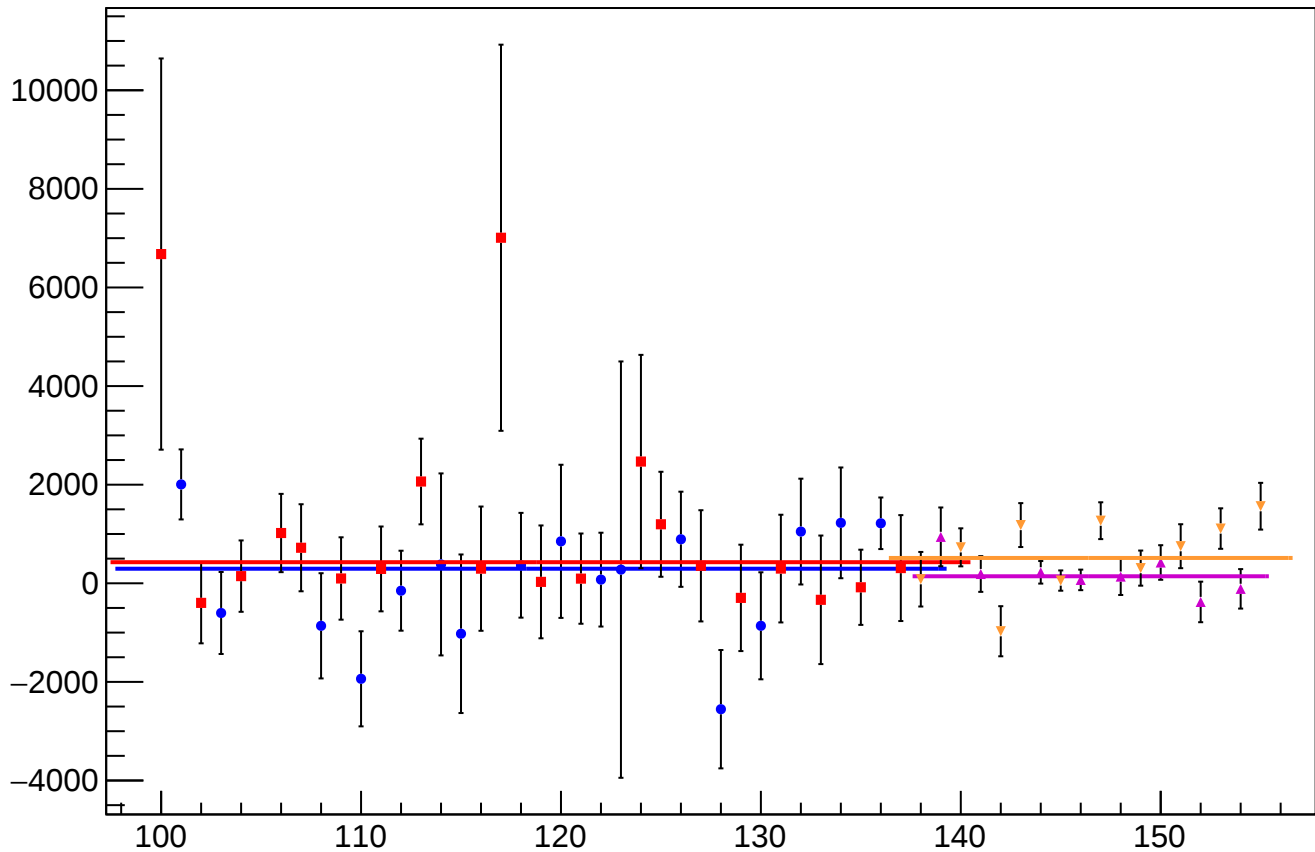
Right Out: 579.509+/-0.157 χ^2/NDF : 501132.1/19

Left In: 261.633+/-0.077 χ^2/NDF :1325397.6/7

352.219+/-0.073 χ^2/NDF : 4258434.7/26

323.165+/-0.069 χ^2/NDF : 5134666.8/27

asym_sam_37_dd_mean vs Slug



Right In: 295.401 $\pm$ 235.860 χ^2 /NDF: 26.1/16

Left Out: 513.880 $\pm$ 117.033 χ^2 /NDF: 28.4/9

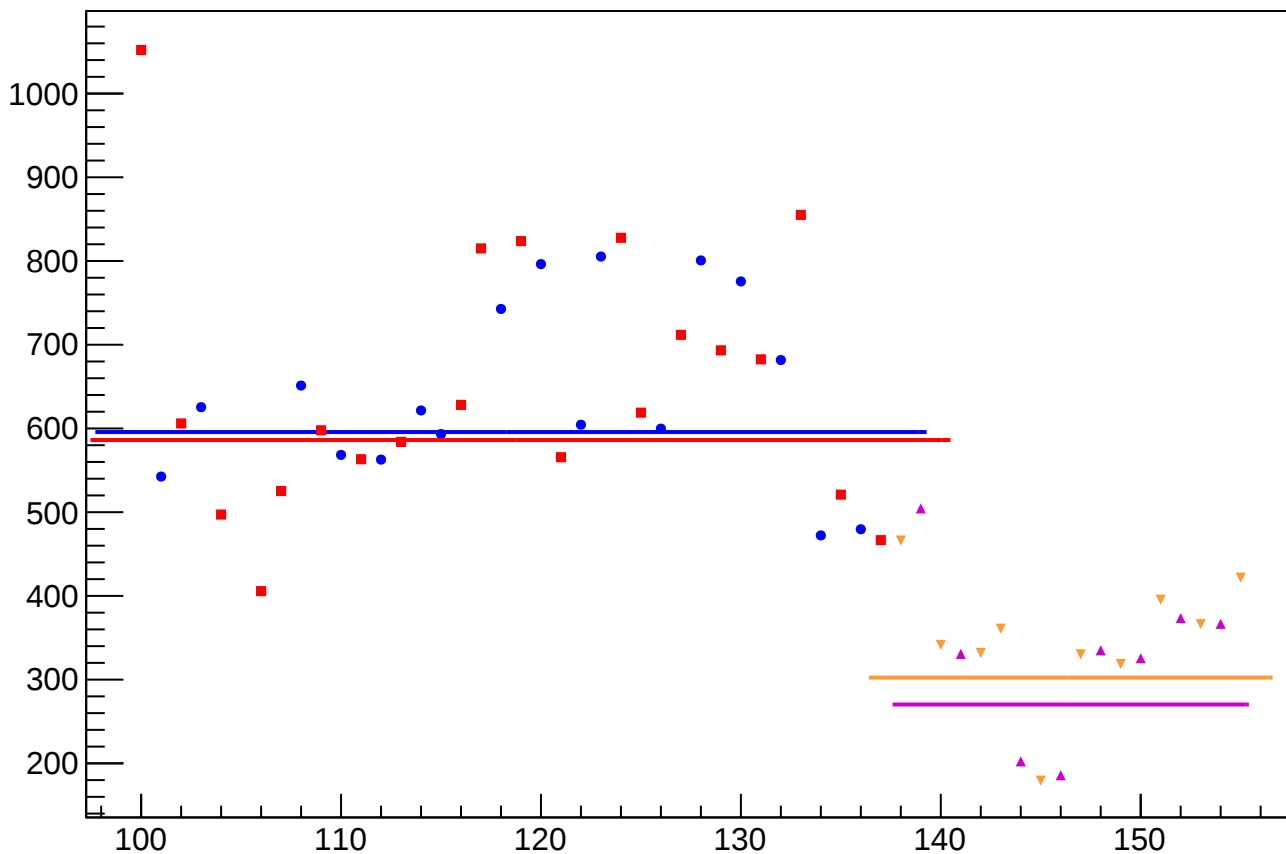
Right Out: 427.853 $\pm$ 224.485 χ^2 /NDF: 13.8/19

Left In: 142.445 $\pm$ 111.769 χ^2 /NDF: 4.7/7

470.715 $\pm$ 104.836 χ^2 /NDF: 55.2/26

199.141 $\pm$ 100.053 χ^2 /NDF: 19.8/27

asym_sam_37_dd_rms vs Slug



Right In: 595.734+/-0.167 χ^2/NDF : 350058.2/16

Left Out: 302.410+/-0.083 χ^2/NDF :1230440.3/9

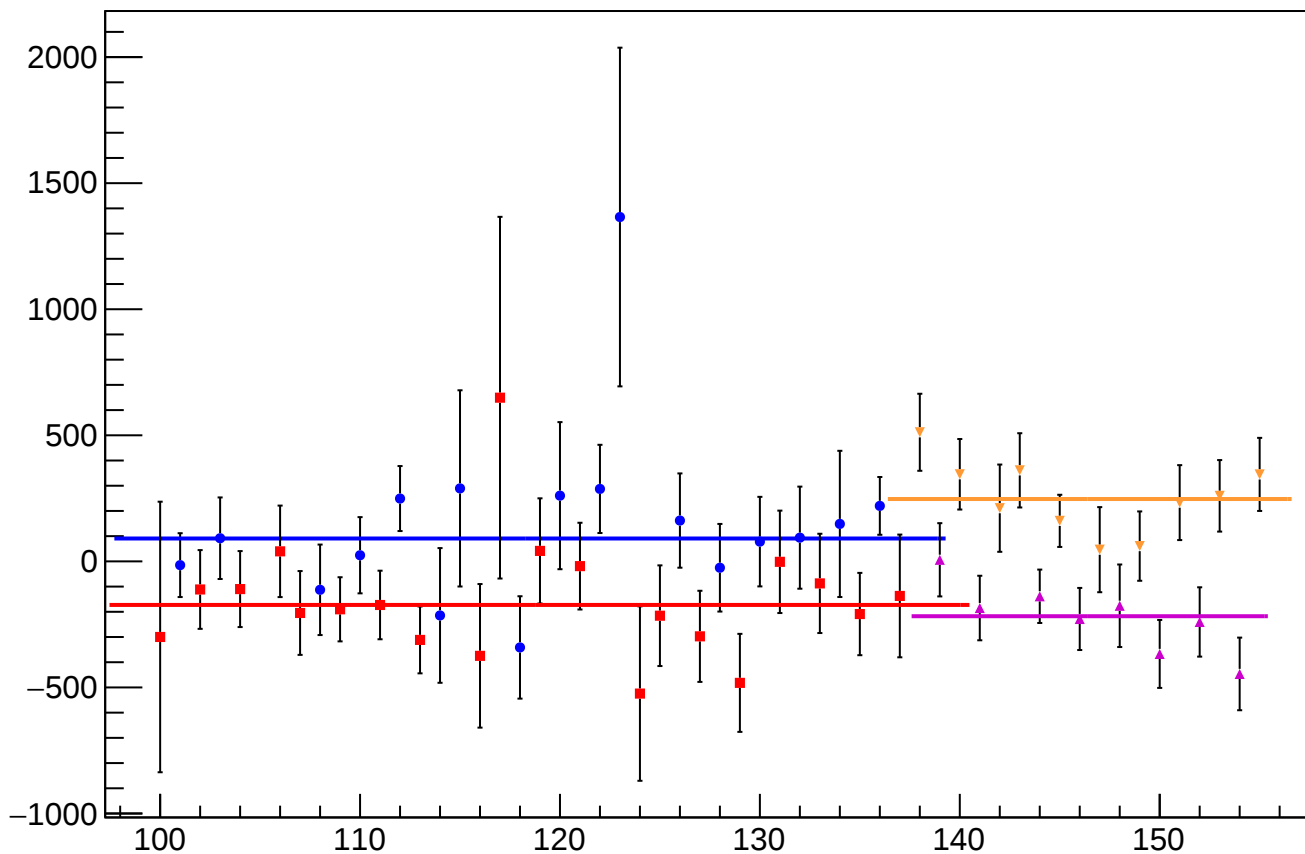
Right Out: 586.176+/-0.159 χ^2/NDF : 481325.4/19

Left In: 270.273+/-0.079 χ^2/NDF :1221855.8/7

360.361+/-0.074 χ^2/NDF : 4062615.5/26

333.027+/-0.071 χ^2/NDF : 4877015.6/27

reg_asym_sam_48_dd_mean vs Slug



Right In: 90.711+/-43.312 χ^2/NDF : 16.9/16

Left Out: 247.300+/-44.832 χ^2/NDF : 8.6/9

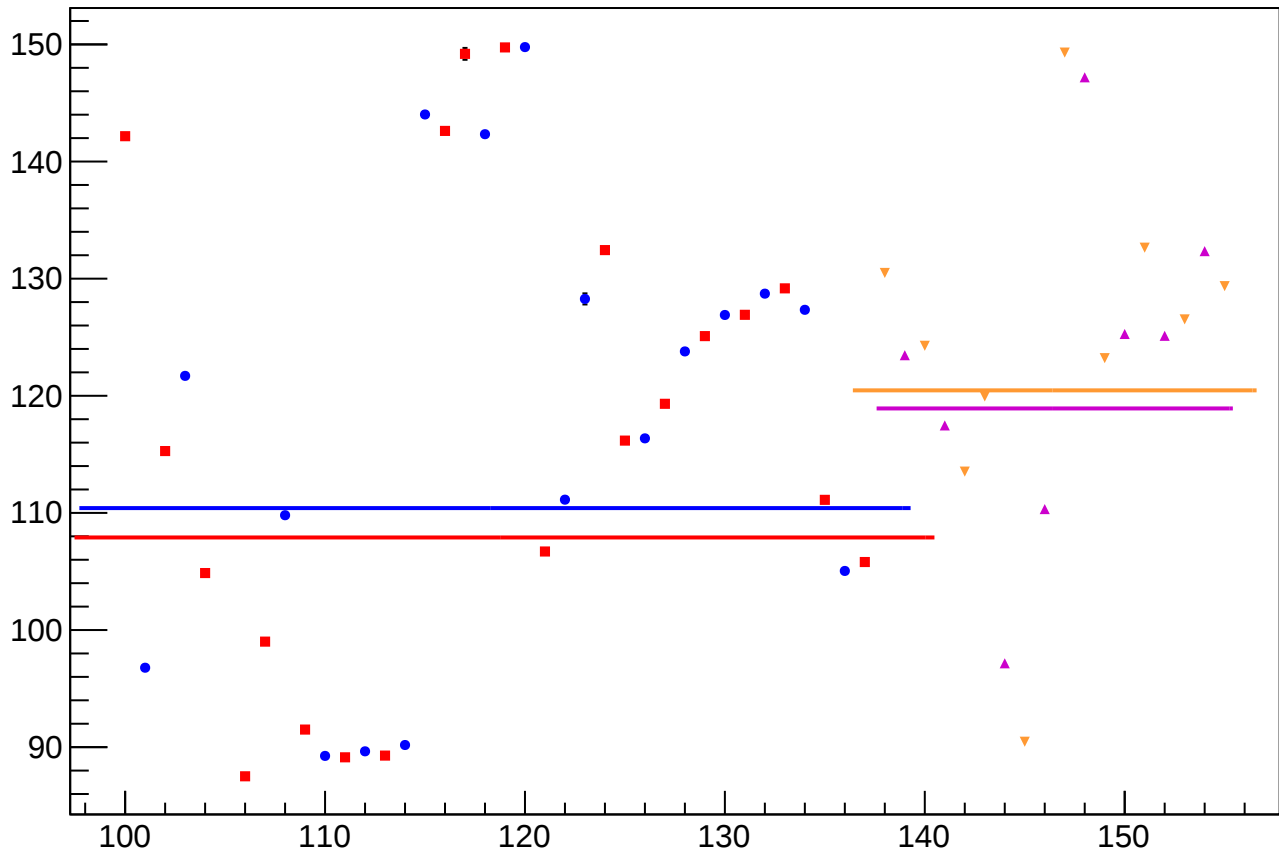
Right Out: -172.786+/-41.033 χ^2/NDF : 11.6/19

Left In: -217.537+/-46.771 χ^2/NDF : 6.9/7

166.306+/-31.150 χ^2/NDF : 31.8/26

-192.249+/-30.845 χ^2/NDF : 19.0/27

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.411+/-0.031 χ^2/NDF : 296425.4/16

Left Out: 120.463+/-0.032 χ^2/NDF : 265355.9/9

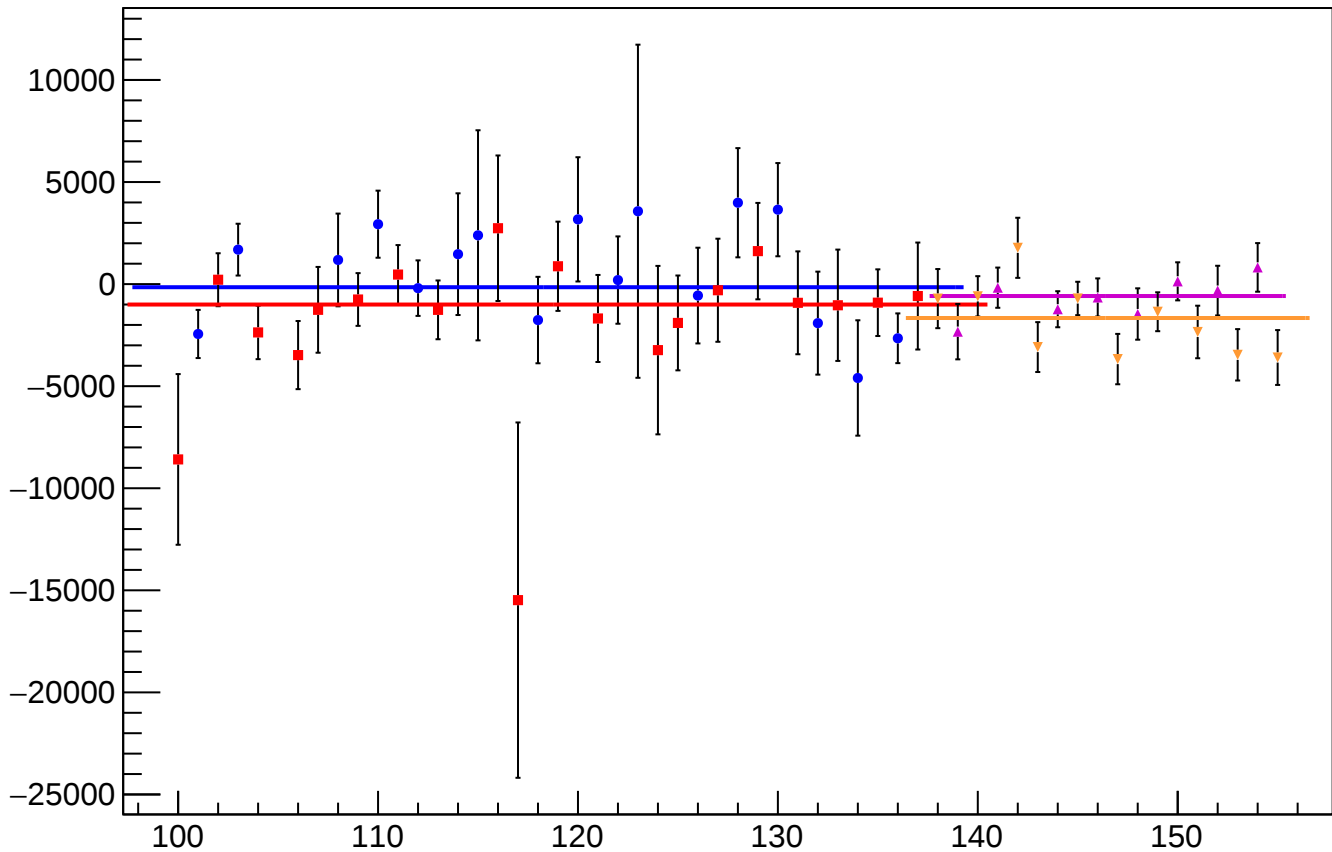
Right Out: 107.903+/-0.029 χ^2/NDF : 351091.4/19

Left In: 118.919+/-0.033 χ^2/NDF : 182028.7/7

115.264+/-0.022 χ^2/NDF : 613787.4/26

112.694+/-0.022 χ^2/NDF : 595808.2/27

asym_sam_48_dd_correction_mean vs Slug



Right In: -152.403+/-464.753 χ^2/NDF : 24.7/16

Left Out: -1660.650+/-360.894 χ^2/NDF : 16.9/9

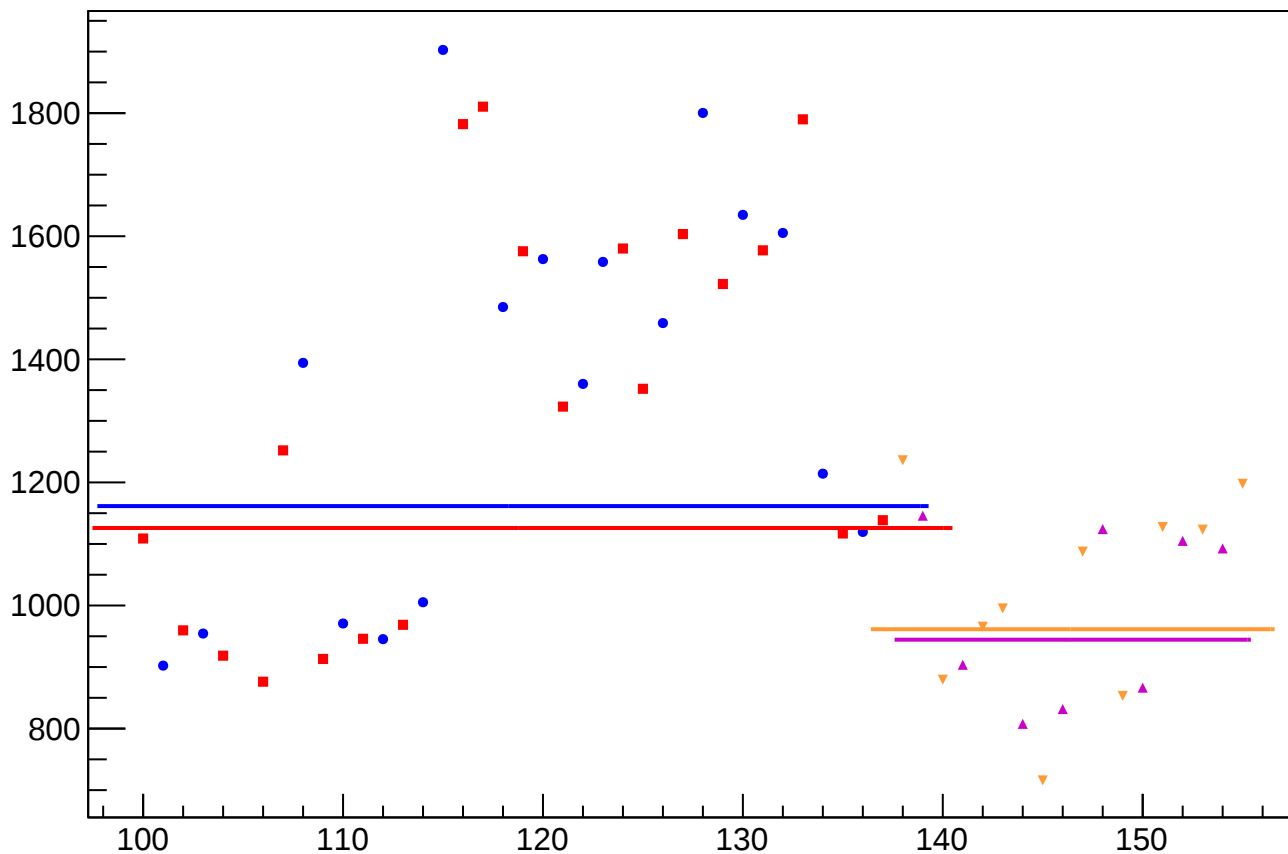
Right Out: -1000.907+/-434.569 χ^2/NDF : 15.1/19

Left In: -583.608+/-373.536 χ^2/NDF : 4.9/7

-1093.294+/-285.045 χ^2/NDF : 48.2/26

-760.919+/-283.272 χ^2/NDF : 20.5/27

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.530+/-0.329 χ^2/NDF : 695906.9/16

Left Out: 961.466+/-0.255 χ^2/NDF : 442664.9/9

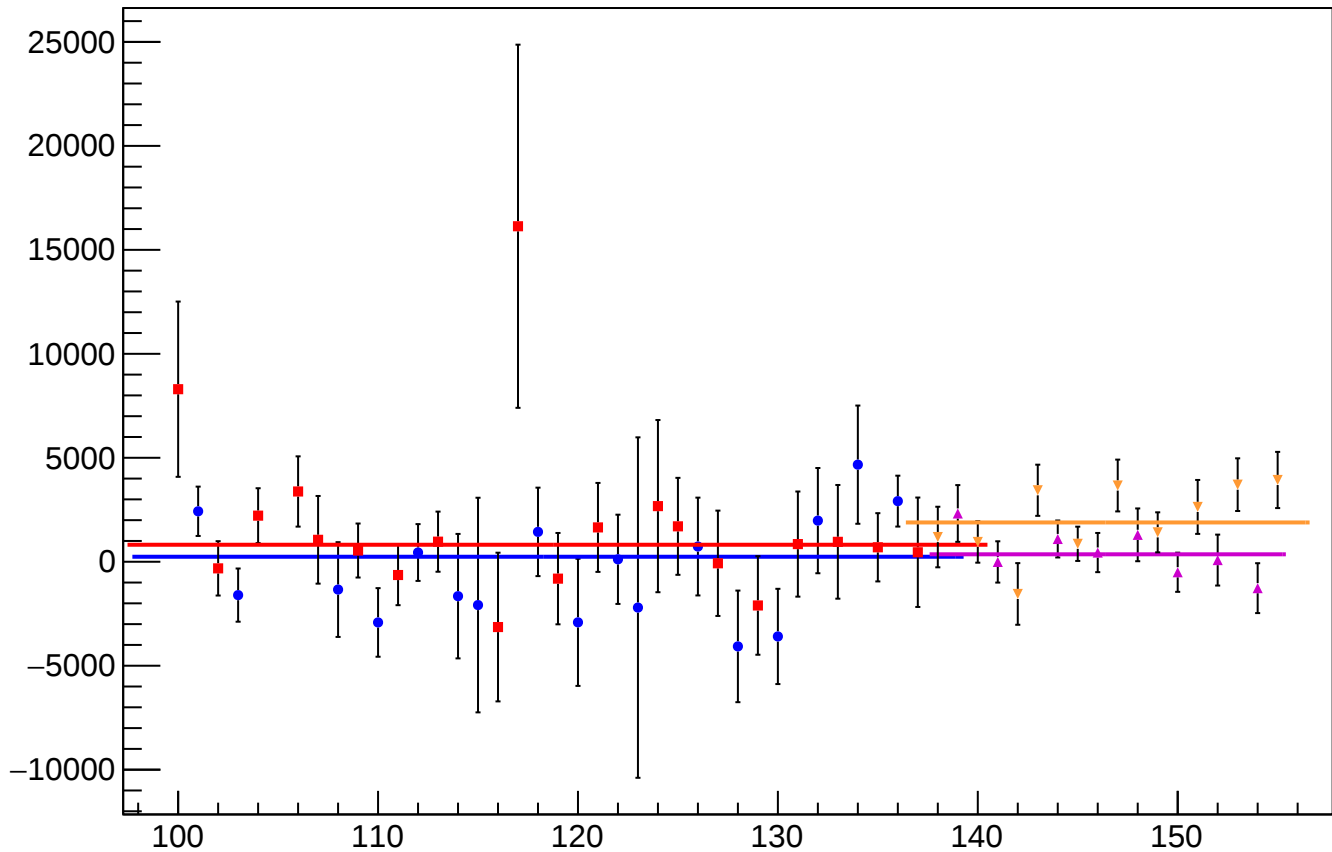
Right Out: 1125.946+/-0.307 χ^2/NDF : 780195.3/19

Left In: 944.448+/-0.264 χ^2/NDF : 245260.5/7

1036.724+/-0.202 χ^2/NDF : 1369773.6/26

1021.567+/-0.200 χ^2/NDF : 1226086.8/27

asym_sam_48_dd_mean vs Slug



Right In: 240.732 $\pm$ 467.036 χ^2 /NDF: 24.8/16

Left Out: 1890.040 $\pm$ 363.845 χ^2 /NDF: 16.6/9

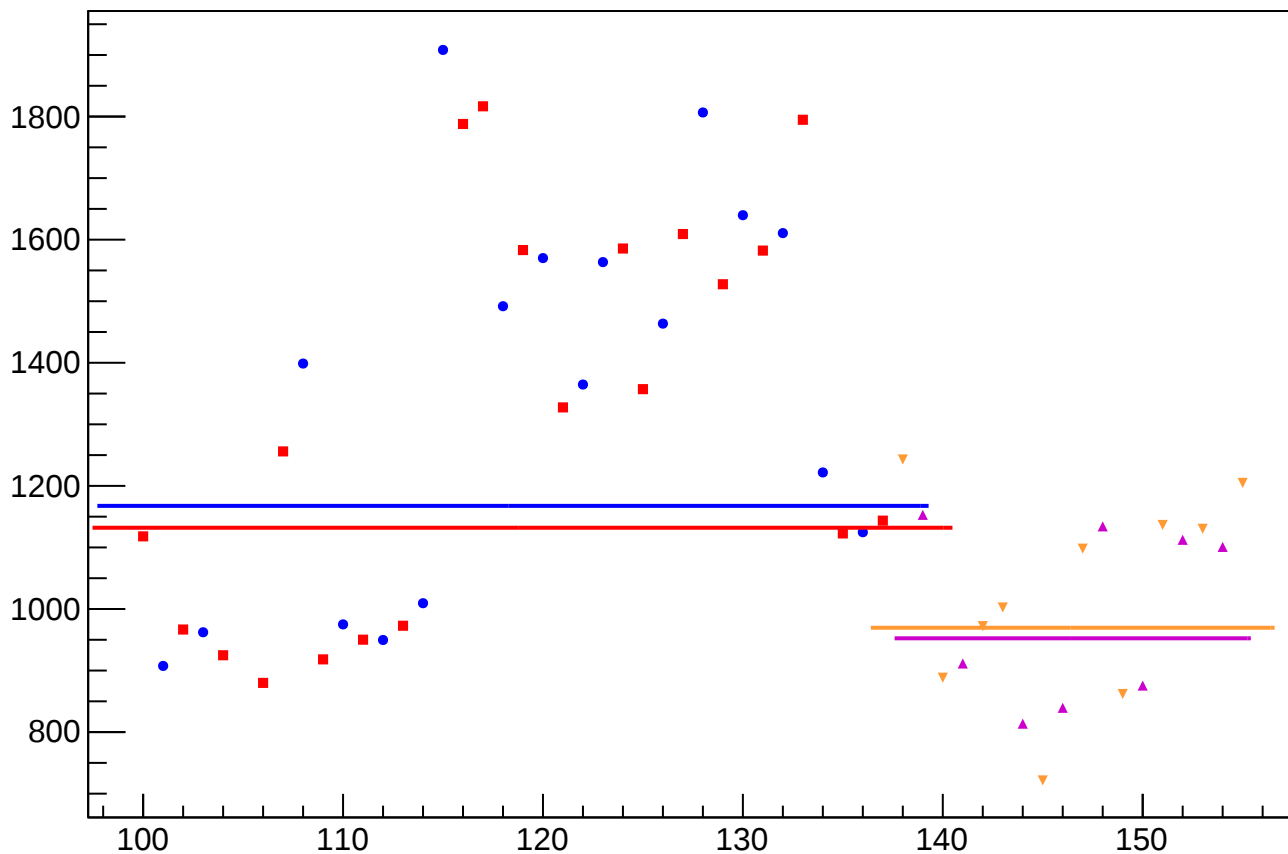
Right Out: 817.635 $\pm$ 436.939 χ^2 /NDF: 15.4/19

Left In: 358.346 $\pm$ 376.610 χ^2 /NDF: 6.2/7

1267.110 $\pm$ 287.025 χ^2 /NDF: 49.2/26

554.118 $\pm$ 285.268 χ^2 /NDF: 22.2/27

asym_sam_48_dd_rms vs Slug



Right In: 1167.539 $\pm$ 0.330 χ^2 /NDF: 690485.6/16

Left Out: 969.546 $\pm$ 0.257 χ^2 /NDF: 438588.9/9

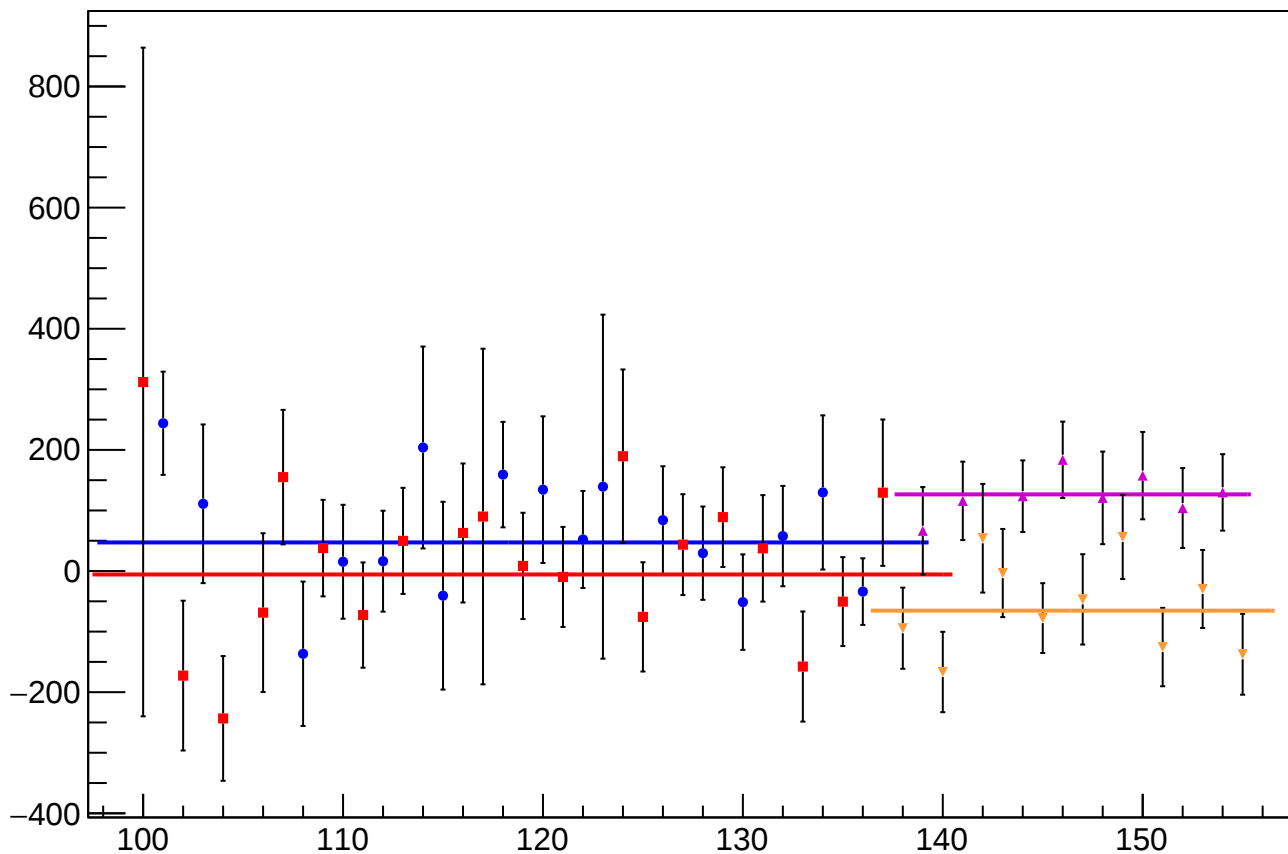
Right Out: 1132.019 $\pm$ 0.309 χ^2 /NDF: 773827.8/19

Left In: 952.385 $\pm$ 0.266 χ^2 /NDF: 243110.0/7

1044.326 $\pm$ 0.203 χ^2 /NDF: 1352757.5/26

1028.954 $\pm$ 0.202 χ^2 /NDF: 1210886.5/27

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 47.220 $\pm$ 22.565 χ^2 /NDF: 16.1/16

Left Out: -65.372 $\pm$ 21.540 χ^2 /NDF:10.5/9

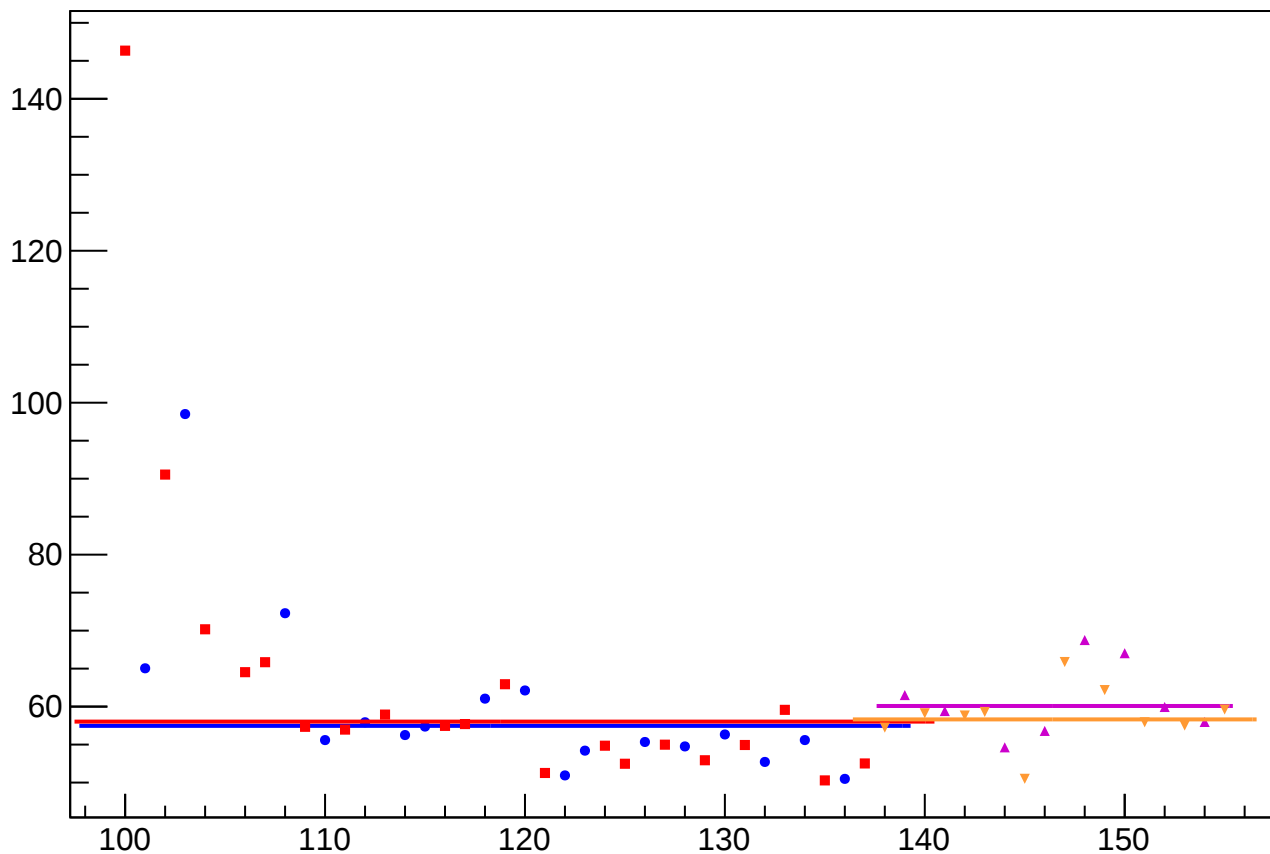
Right Out: -5.636 $\pm$ 22.057 χ^2 /NDF: 20.4/19

Left In: 126.582 $\pm$ 23.494 χ^2 /NDF:1.9/7

-11.691 $\pm$ 15.581 χ^2 /NDF: 39.7/26

56.308 $\pm$ 16.081 χ^2 /NDF: 39.1/27

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 57.465+/-0.016 χ^2/NDF : 307156.4/16

Left Out: 58.315+/-0.015 χ^2/NDF : 65885.5/9

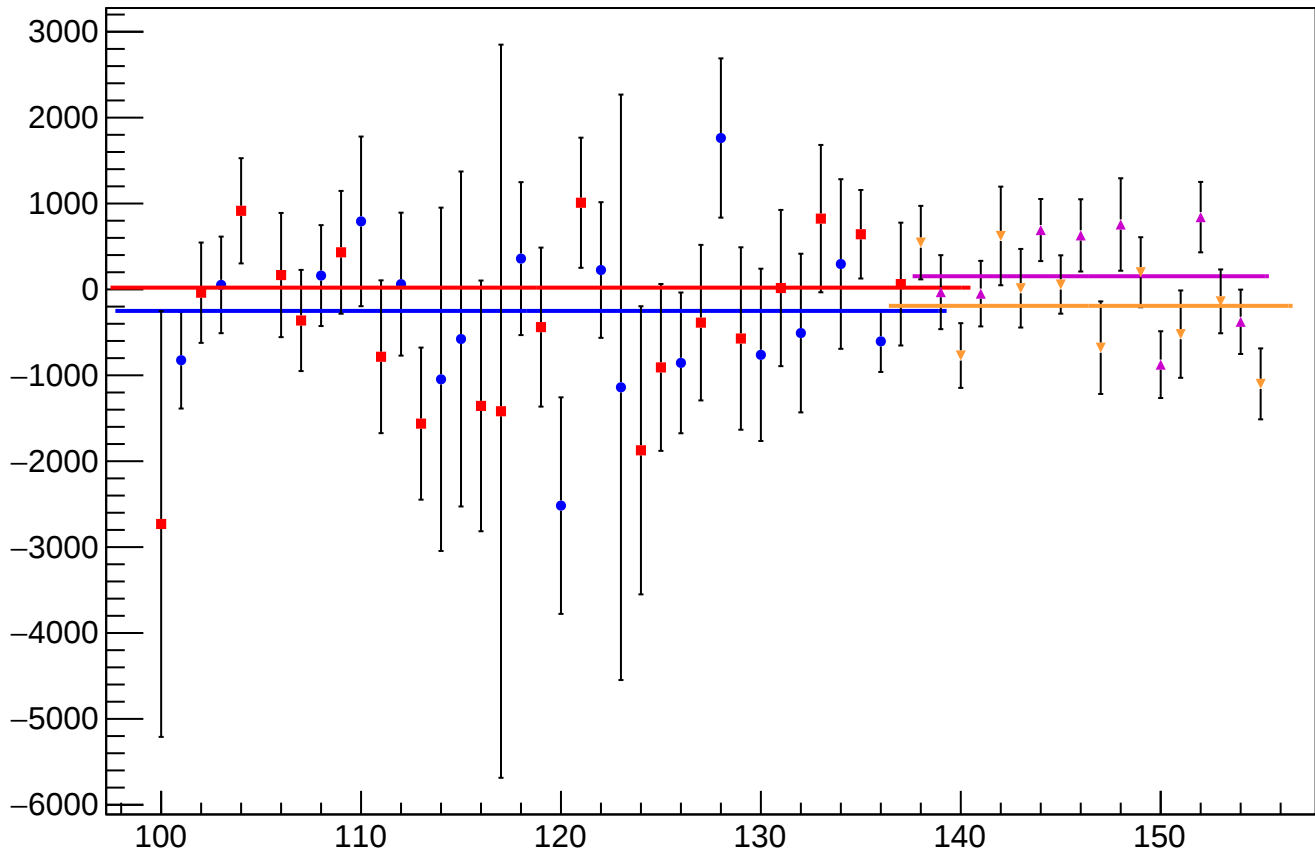
Right Out: 58.025+/-0.016 χ^2/NDF : 300790.9/19

Left In: 60.081+/-0.017 χ^2/NDF : 69921.7/7

57.910+/-0.011 χ^2/NDF : 374525.2/26

58.988+/-0.011 χ^2/NDF : 378855.5/27

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -250.140+/-184.092 χ^2/NDF : 14.3/16

Left Out: -191.123+/-134.334 χ^2/NDF : 15.1/9

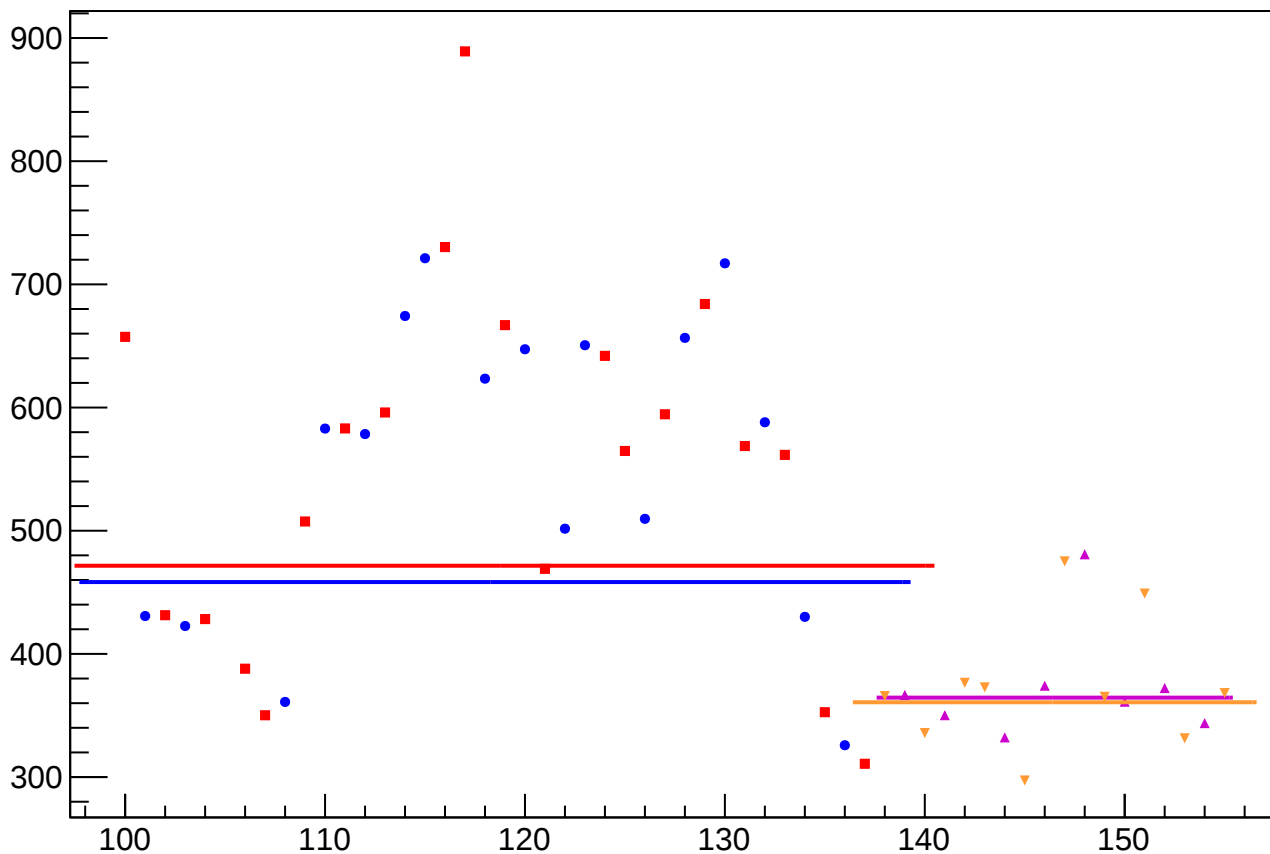
Right Out: 20.701+/-181.669 χ^2/NDF : 16.2/19

Left In: 153.368+/-143.277 χ^2/NDF : 17.0/7

-211.629+/-108.515 χ^2/NDF : 29.4/26

102.493+/-112.500 χ^2/NDF : 33.6/27

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 458.324+/-0.130 χ^2/NDF : 877201.7/16

Left Out: 360.747+/-0.095 χ^2/NDF : 245443.0/9

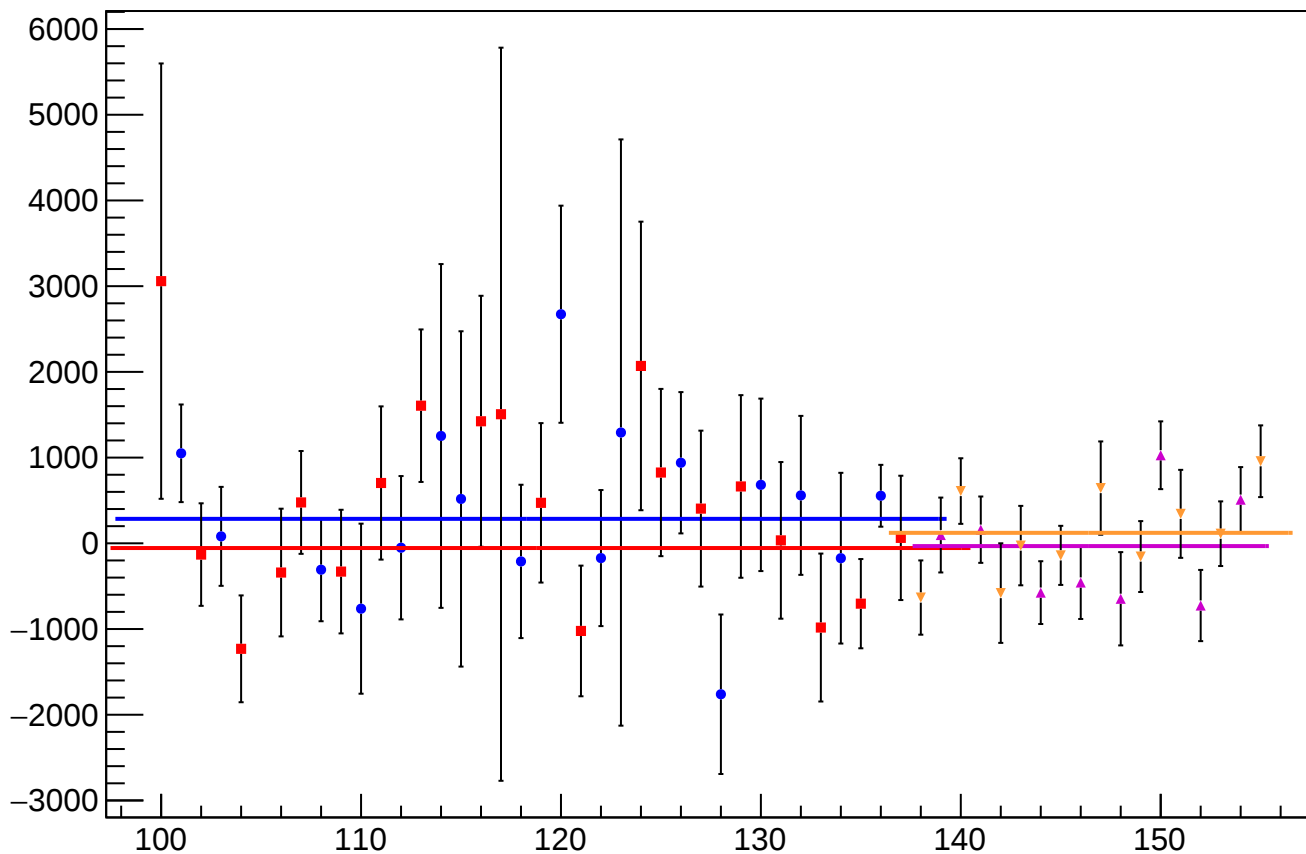
Right Out: 471.585+/-0.128 χ^2/NDF : 797816.0/19

Left In: 364.506+/-0.101 χ^2/NDF : 120212.4/7

394.652+/-0.077 χ^2/NDF : 1489300.7/26

405.568+/-0.080 χ^2/NDF : 1346407.7/27

asym_sam_13_57_dd_mean vs Slug



Right In: 285.349 ± 186.262 χ^2/NDF : 15.2/16

Left Out: 122.217 ± 136.136 χ^2/NDF : 12.4/9

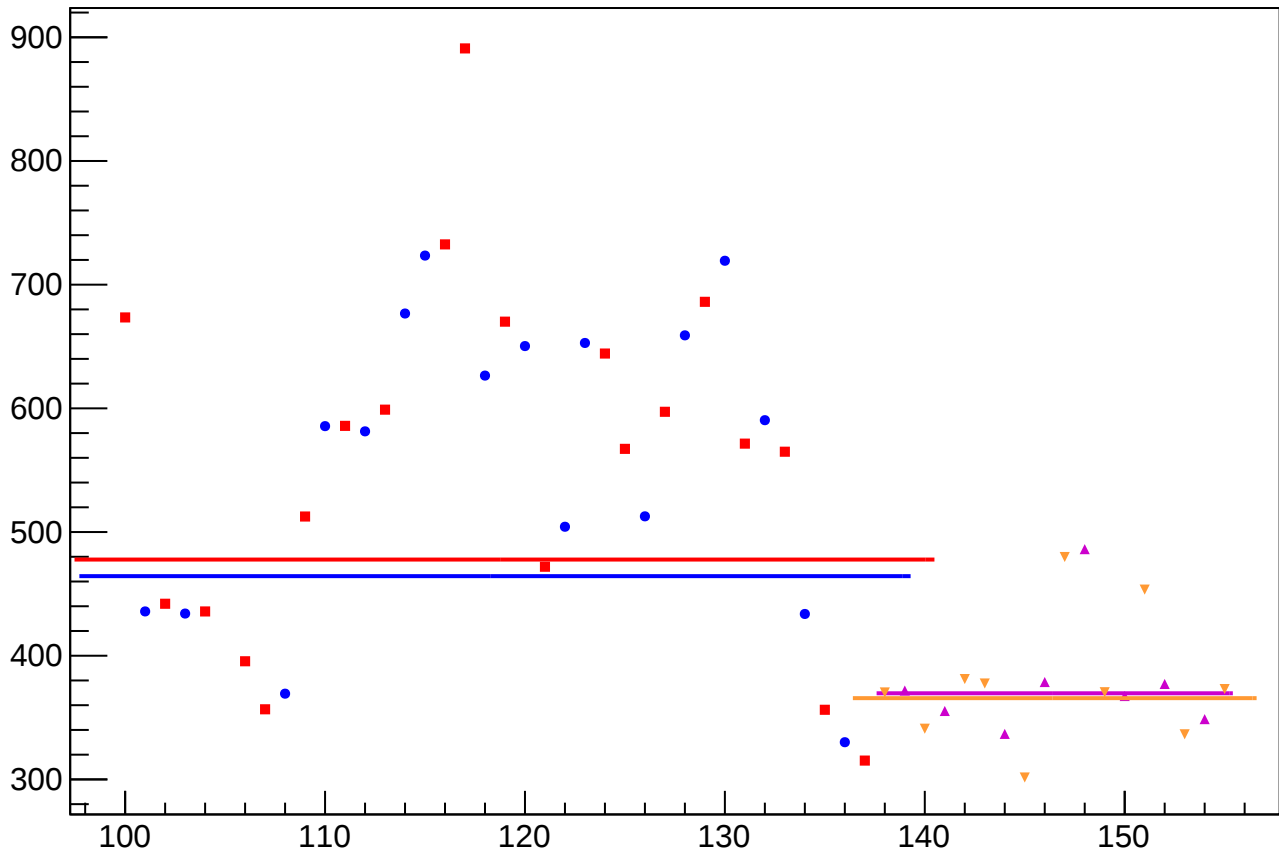
Right Out: -55.109 ± 183.903 χ^2/NDF : 19.3/19

Left In: -32.373 ± 145.264 χ^2/NDF : 16.8/7

179.019 ± 109.909 χ^2/NDF : 28.0/26

-41.109 ± 113.992 χ^2/NDF : 36.1/27

asym_sam_13_57_dd_rms vs Slug



Right In: 464.341+/-0.132 χ^2/NDF : 845900.9/16

Left Out: 365.695+/-0.096 χ^2/NDF :239842.4/9

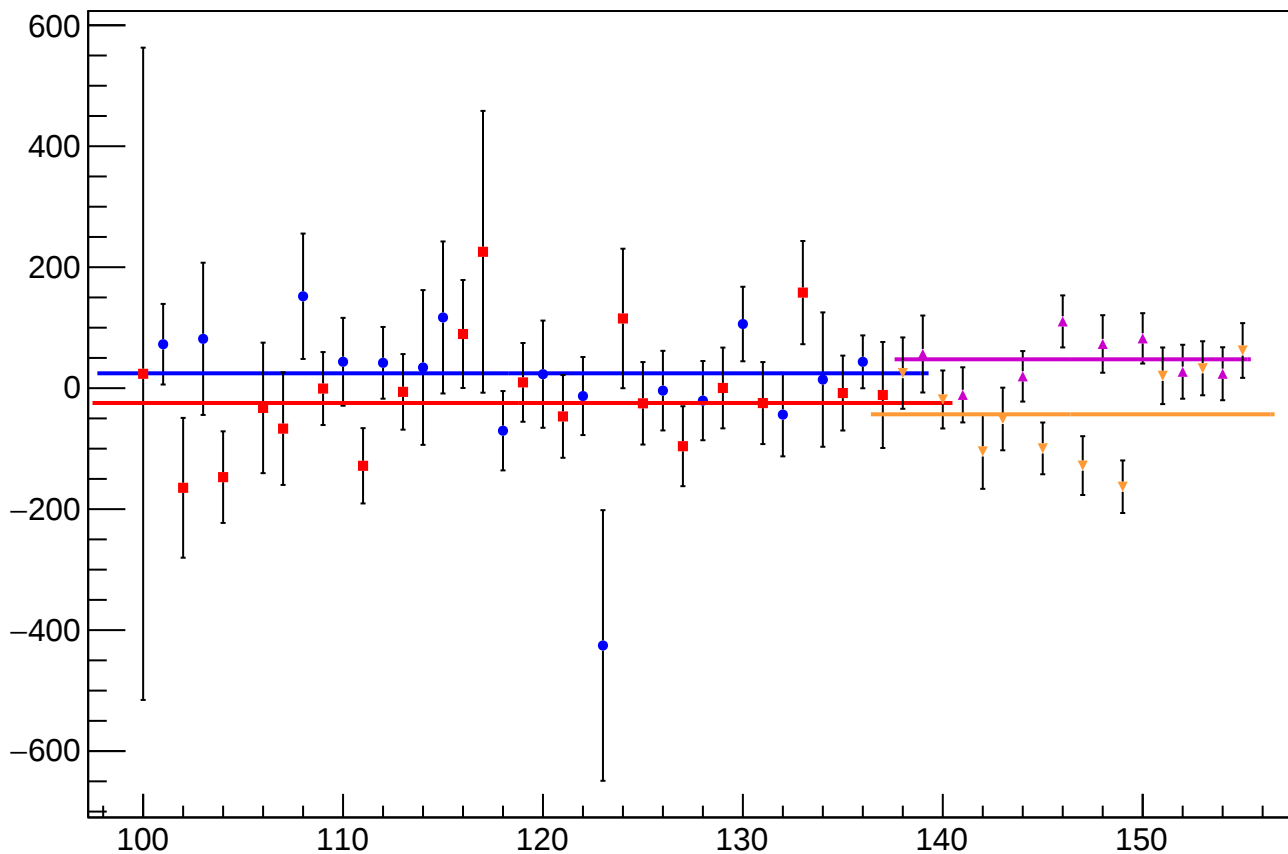
Right Out: 477.754+/-0.130 χ^2/NDF : 768041.0/19

Left In: 369.636+/-0.103 χ^2/NDF :118231.2/7

400.043+/-0.078 χ^2/NDF : 1451384.5/26

411.176+/-0.081 χ^2/NDF : 1311951.2/27

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 24.584 ± 17.839 χ^2/NDF : 13.0/16

Left Out: -43.201 ± 15.245 χ^2/NDF : 25.2/9

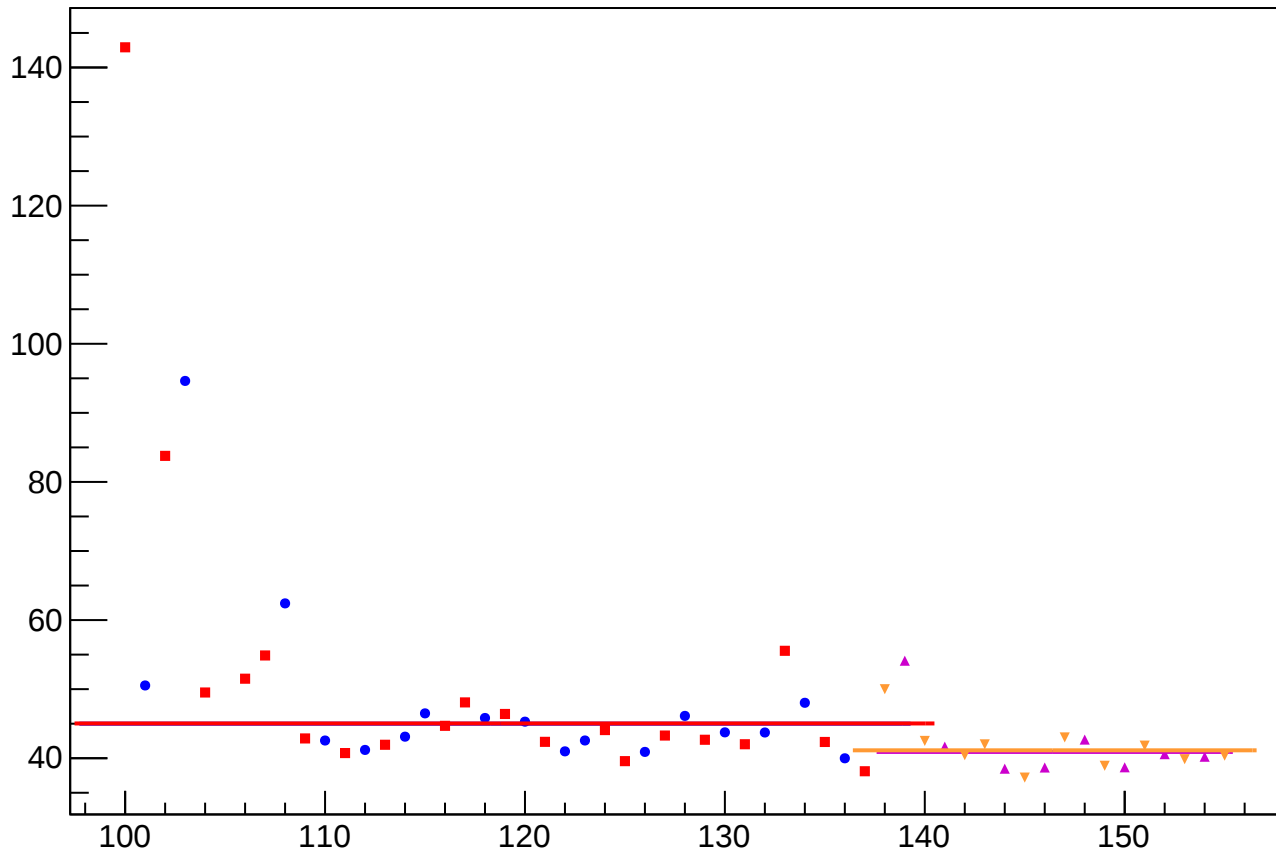
Right Out: -24.491 ± 17.338 χ^2/NDF : 18.0/19

Left In: 47.722 ± 16.041 χ^2/NDF : 5.7/7

-14.590 ± 11.590 χ^2/NDF : 46.5/26

14.417 ± 11.775 χ^2/NDF : 33.0/27

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.001 $\pm$ 0.013 χ^2 /NDF: 438352.8/16

Left Out: 41.145 $\pm$ 0.011 χ^2 /NDF: 75335.9/9

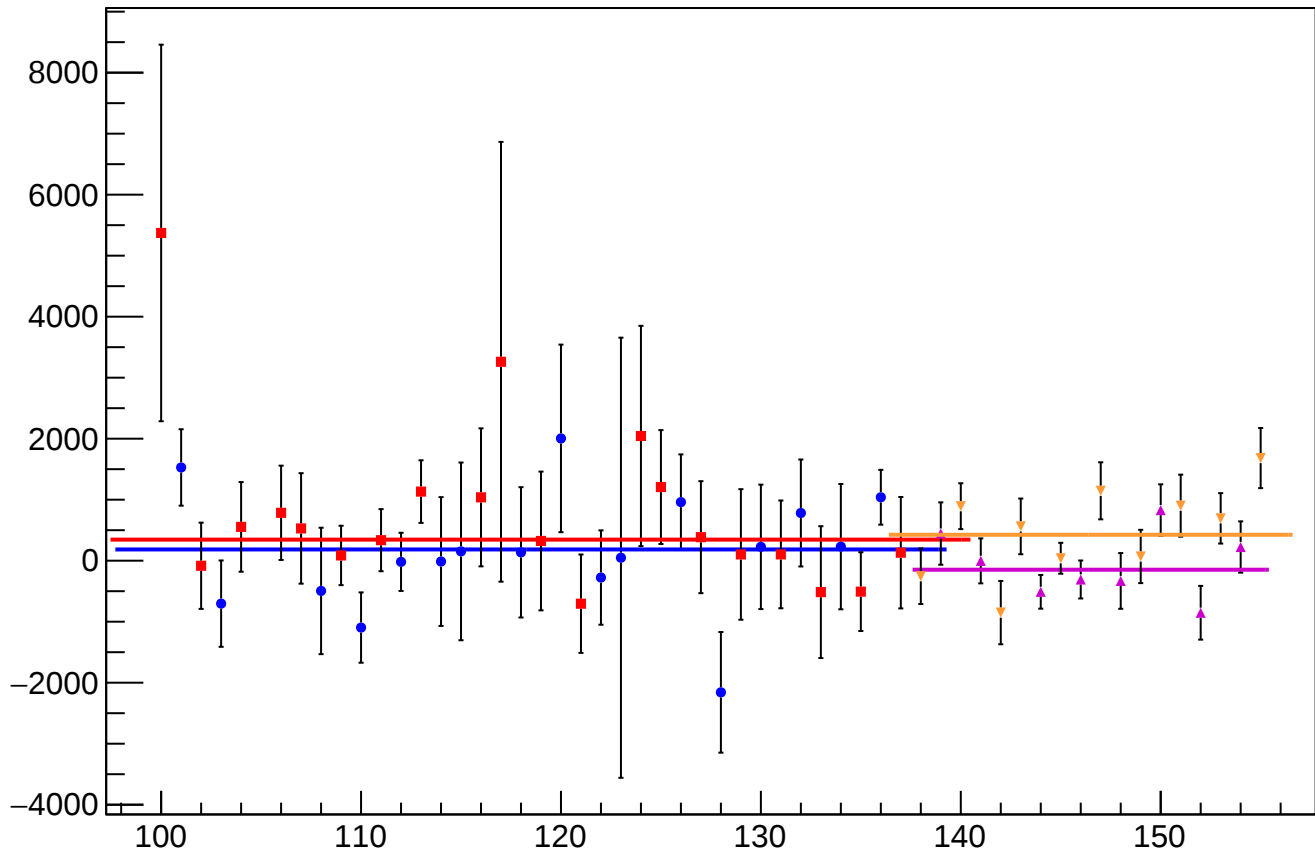
Right Out: 45.034 $\pm$ 0.012 χ^2 /NDF: 415853.3/19

Left In: 40.913 $\pm$ 0.011 χ^2 /NDF: 108142.5/7

42.773 $\pm$ 0.008 χ^2 /NDF: 567698.6/26

42.814 $\pm$ 0.008 χ^2 /NDF: 584884.7/27

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 184.184 ± 188.558 χ^2/NDF : 24.2/16

Left Out: 424.718 ± 129.459 χ^2/NDF : 23.1/9

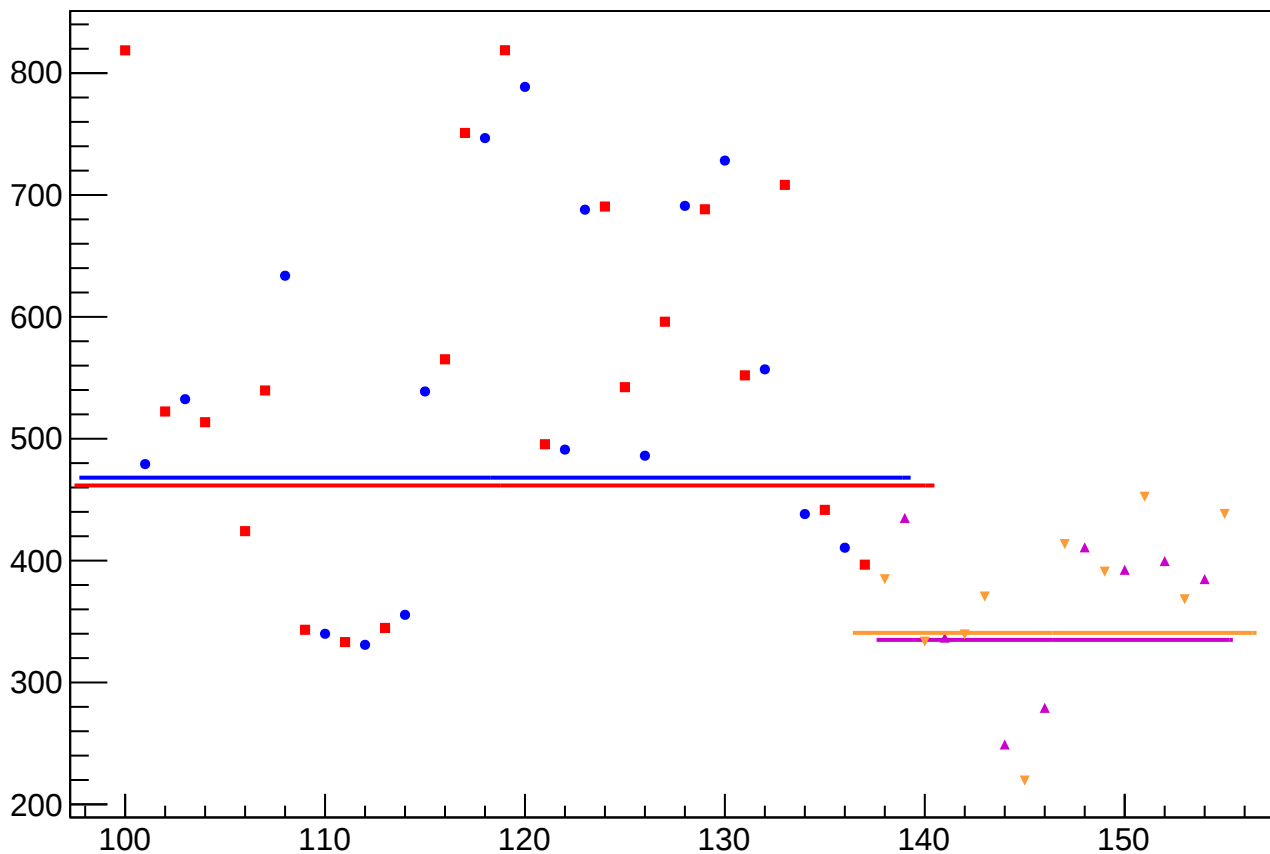
Right Out: 345.548 ± 179.160 χ^2/NDF : 13.1/19

Left In: -147.885 ± 133.853 χ^2/NDF : 12.3/7

347.658 ± 106.726 χ^2/NDF : 48.4/26

28.876 ± 107.231 χ^2/NDF : 30.3/27

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 468.071+/-0.133 χ^2/NDF : 880319.3/16

Left Out: 340.725+/-0.092 χ^2/NDF : 745042.1/9

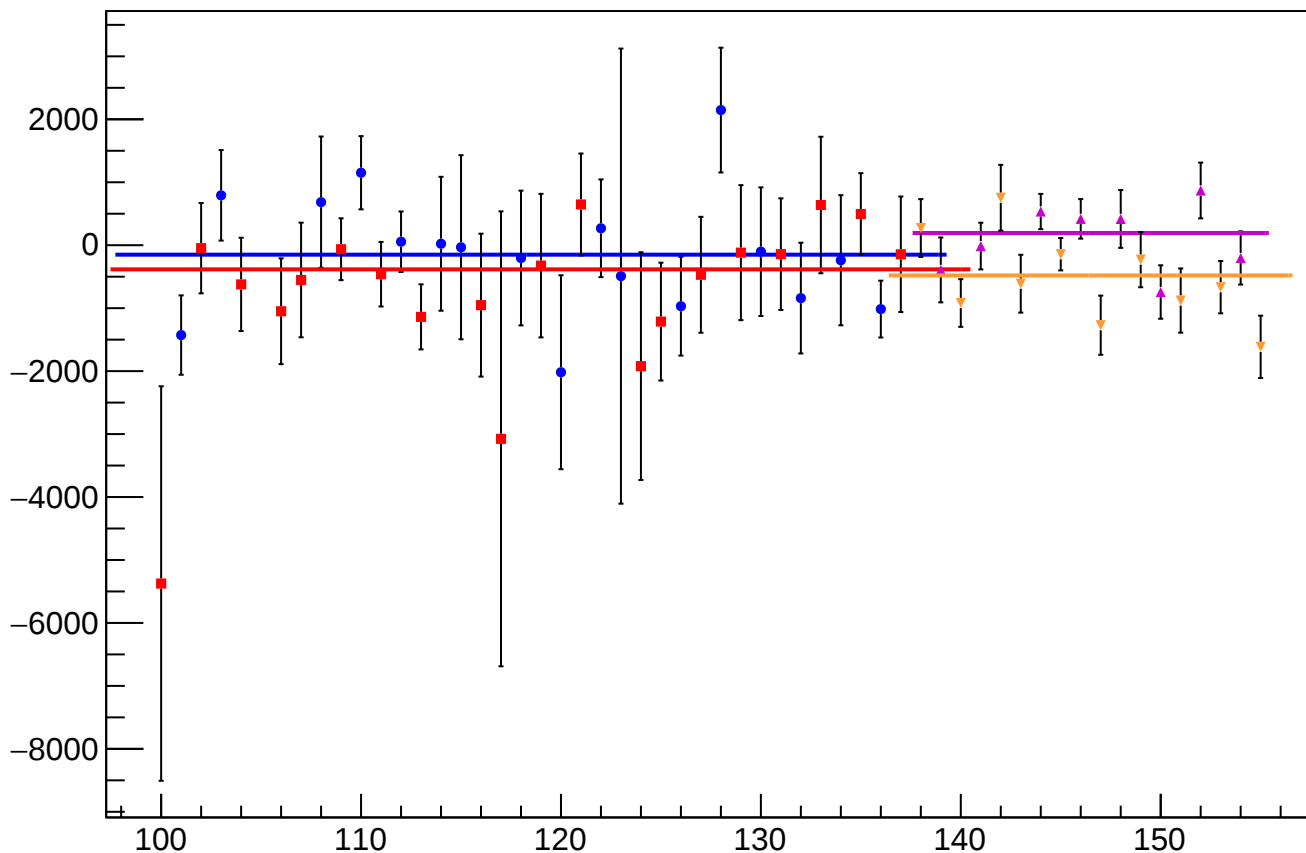
Right Out: 461.656+/-0.127 χ^2/NDF : 967939.5/19

Left In: 334.951+/-0.095 χ^2/NDF : 497305.8/7

381.522+/-0.075 χ^2/NDF : 2245359.3/26

380.340+/-0.076 χ^2/NDF : 2107220.8/27

asym_sam_15_37_dd_mean vs Slug



Right In: -150.305+/-189.729 χ^2/NDF : 24.2/16

Left Out: -480.129+/-130.544 χ^2/NDF : 20.6/9

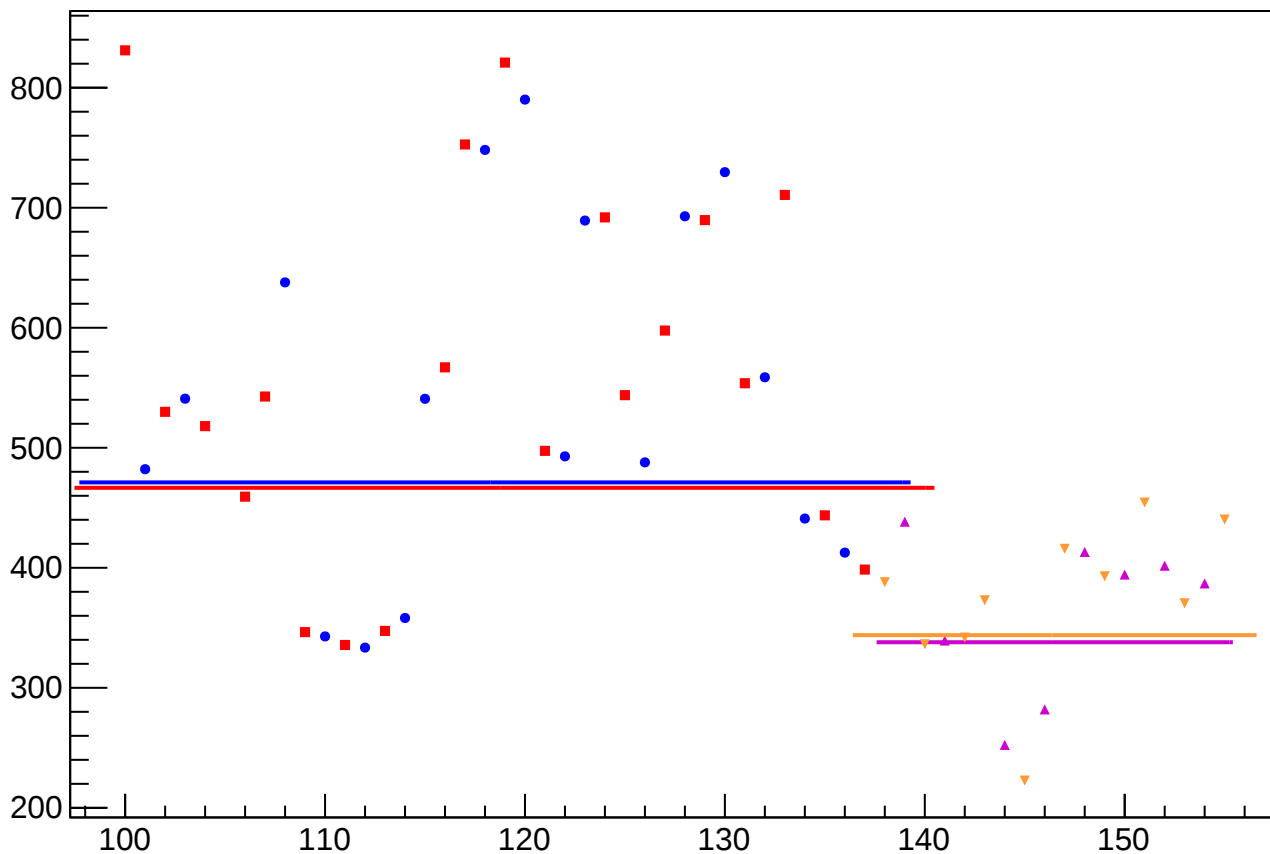
Right Out: -383.331+/-181.030 χ^2/NDF : 13.0/19

Left In: 193.932+/-134.970 χ^2/NDF : 11.9/7

-374.154+/-107.546 χ^2/NDF : 46.9/26

-12.309+/-108.206 χ^2/NDF : 31.4/27

asym_sam_15_37_dd_rms vs Slug



Right In: 471.156+/-0.134 χ^2/NDF : 871832.5/16

Left Out: 343.885+/-0.092 χ^2/NDF : 721625.3/9

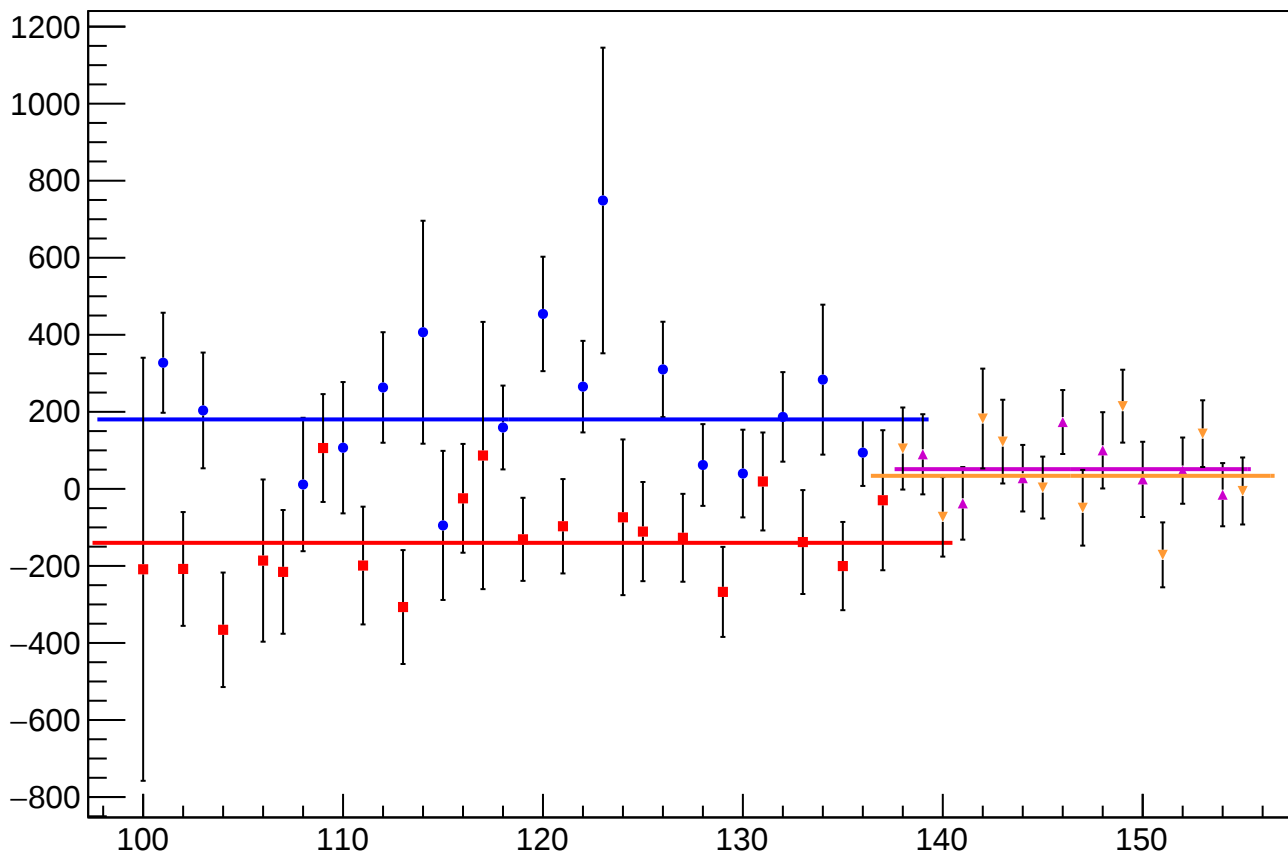
Right Out: 466.655+/-0.128 χ^2/NDF : 953088.6/19

Left In: 337.977+/-0.095 χ^2/NDF : 483335.5/7

384.778+/-0.076 χ^2/NDF : 2204255.0/26

383.951+/-0.077 χ^2/NDF : 2085898.6/27

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 180.326 $\pm$ 32.769 χ^2 /NDF: 16.6/16

Left Out: 33.916 $\pm$ 30.117 χ^2 /NDF:15.7/9

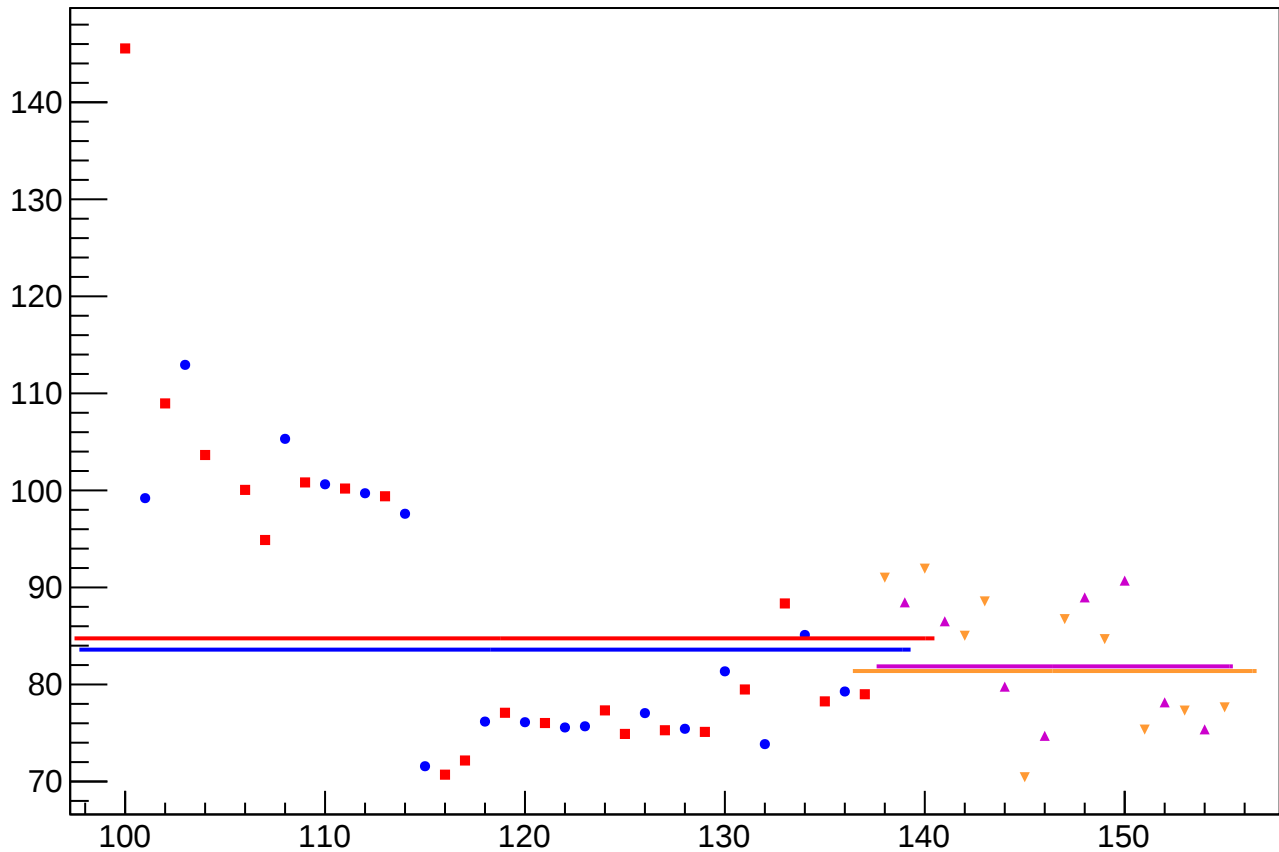
Right Out: -140.070 $\pm$ 32.198 χ^2 /NDF: 12.1/19

Left In: 51.209 $\pm$ 32.028 χ^2 /NDF:4.2/7

100.957 $\pm$ 22.174 χ^2 /NDF: 43.1/26

-43.922 $\pm$ 22.707 χ^2 /NDF: 34.1/27

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 83.591+/-0.023 χ^2/NDF : 255921.7/16

Left Out: 81.385+/-0.021 χ^2/NDF :111318.1/9

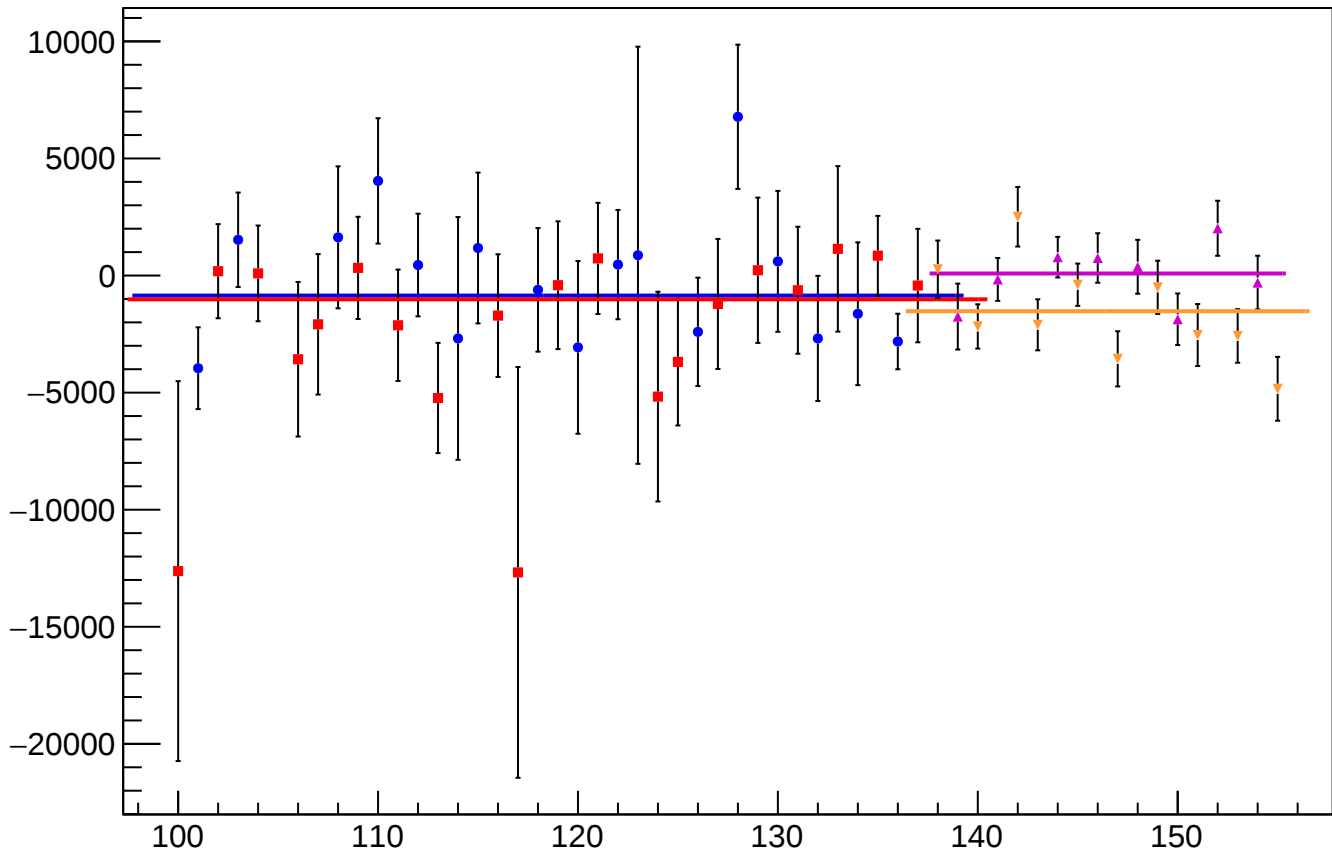
Right Out: 84.752+/-0.023 χ^2/NDF : 293262.6/19

Left In: 81.867+/-0.023 χ^2/NDF :71886.2/7

82.395+/-0.016 χ^2/NDF : 372153.6/26

83.302+/-0.016 χ^2/NDF : 373218.8/27

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -855.308 ± 583.290 χ^2/NDF : 20.3/16

Left Out: -1522.250 ± 357.252 χ^2/NDF : 25.6/9

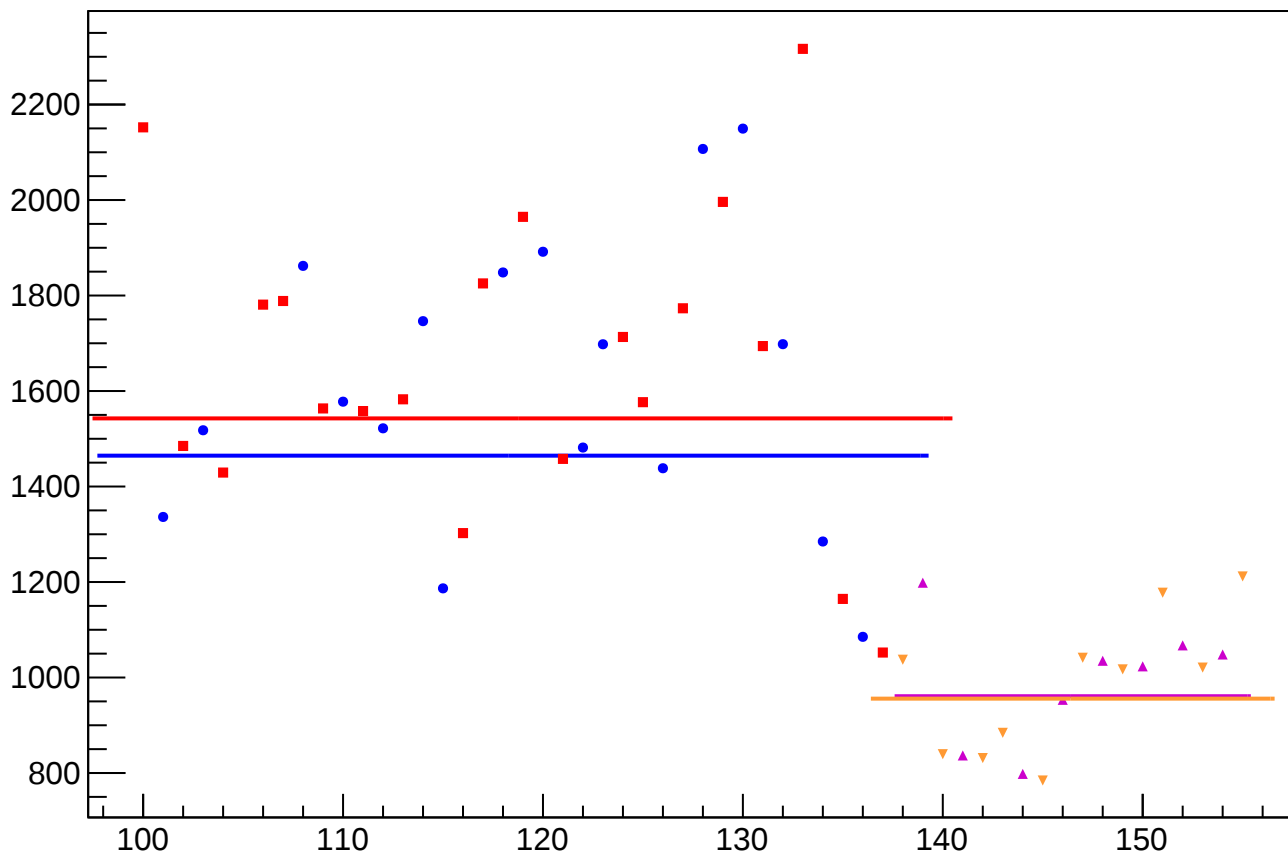
Right Out: -1015.523 ± 587.747 χ^2/NDF : 13.3/19

Left In: 87.324 ± 378.230 χ^2/NDF : 8.9/7

-1340.312 ± 304.651 χ^2/NDF : 46.9/26

-235.643 ± 318.062 χ^2/NDF : 24.6/27

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1464.636 $\pm$ 0.412 χ^2/NDF : 560863.4/16

Left Out: 955.760 $\pm$ 0.253 χ^2/NDF : 288434.8/9

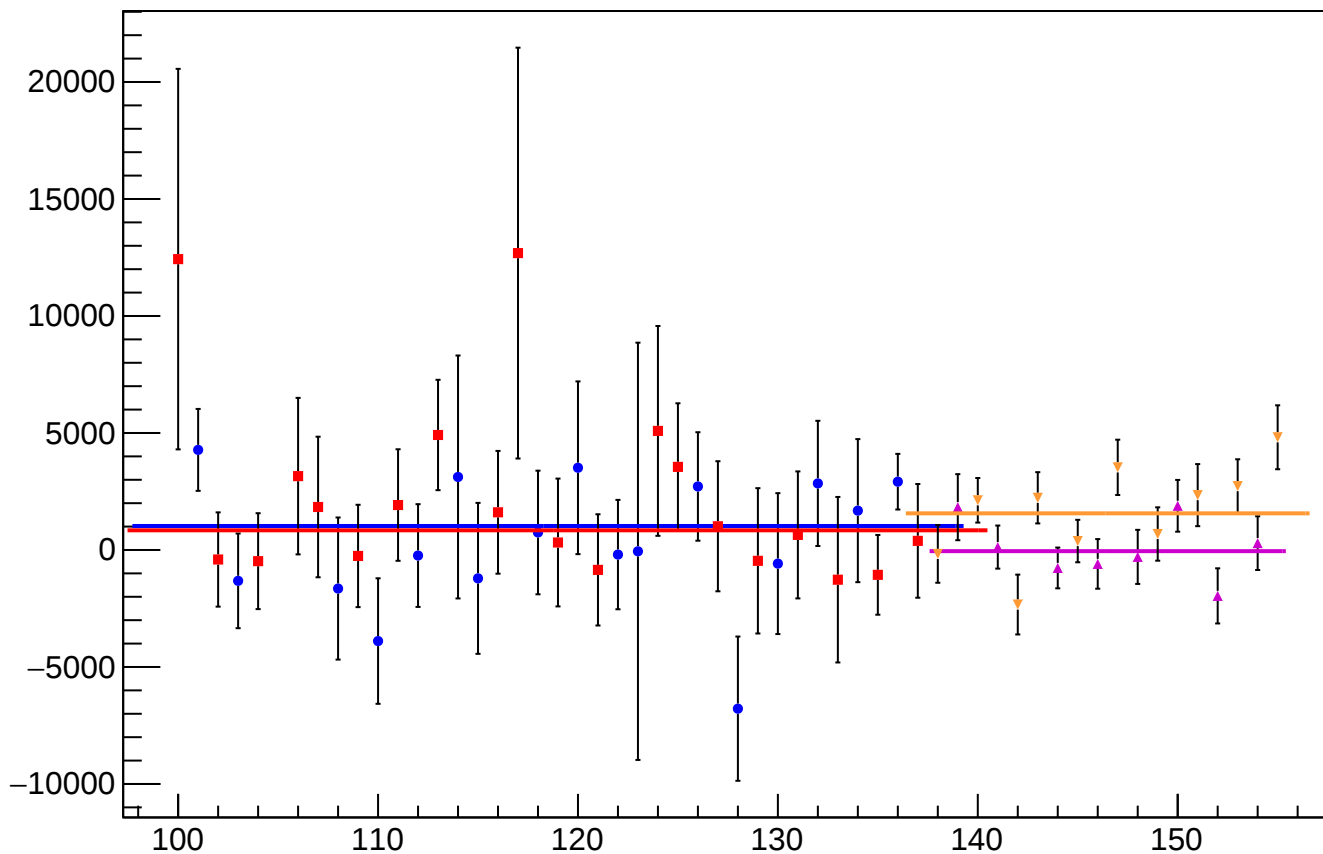
Right Out: 1542.663 $\pm$ 0.416 χ^2/NDF : 455797.2/19

Left In: 960.838 $\pm$ 0.267 χ^2/NDF : 207193.2/7

1094.578 $\pm$ 0.215 χ^2/NDF : 1956283.9/26

1131.225 $\pm$ 0.225 χ^2/NDF : 2048933.5/27

asym_sam_24_68_dd_mean vs Slug



Right In: 1025.527 $\pm$ 584.500 χ^2 /NDF: 20.9/16

Left Out: 1565.745 $\pm$ 358.718 χ^2 /NDF:24.1/9

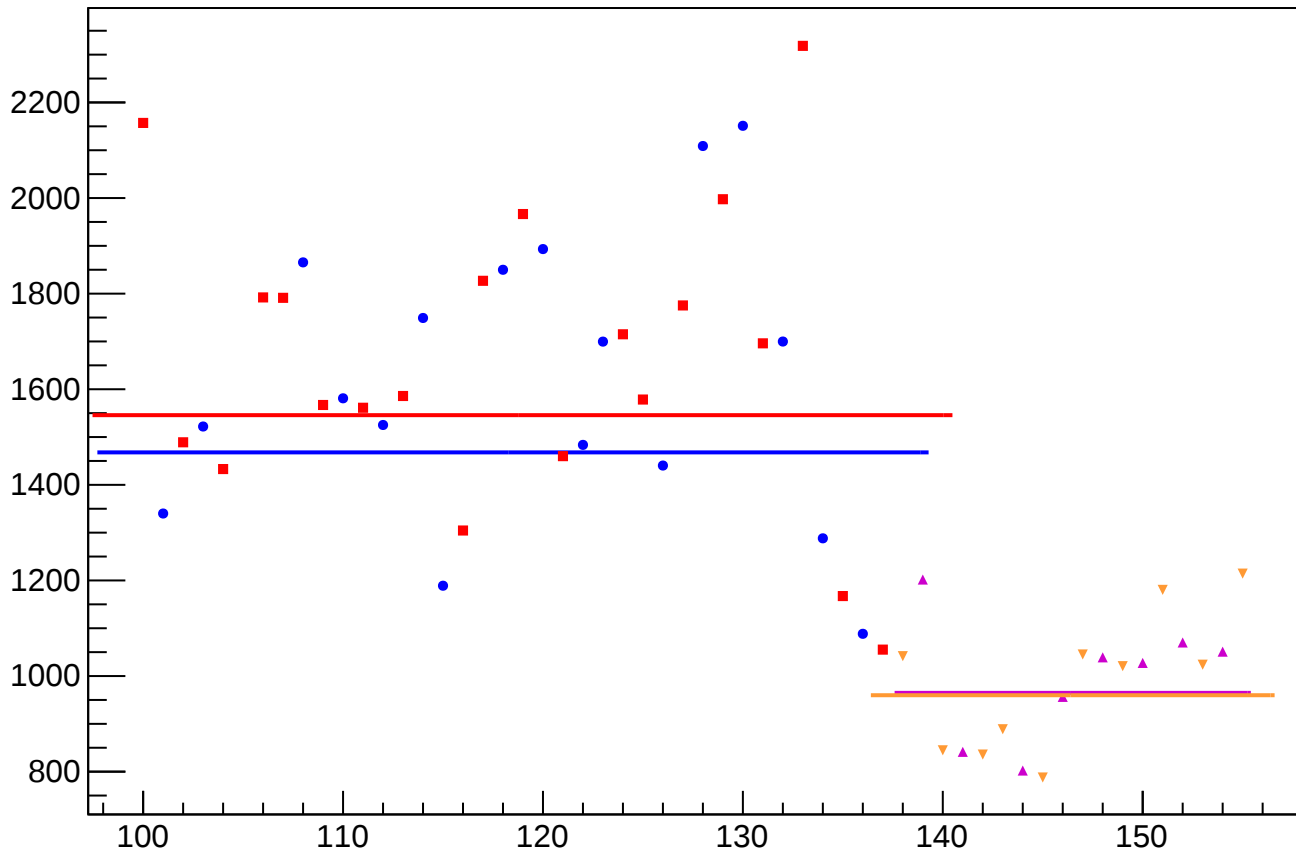
Right Out: 840.586 $\pm$ 589.057 χ^2 /NDF: 13.0/19

Left In: -49.623 $\pm$ 379.734 χ^2 /NDF:8.6/7

1417.942 $\pm$ 305.733 χ^2 /NDF: 45.6/26

211.716 $\pm$ 319.164 χ^2 /NDF: 23.2/27

asym_sam_24_68_dd_rms vs Slug



Right In: 1467.905 $\pm$ 0.413 χ^2 /NDF: 557458.9/16

Left Out: 959.886 $\pm$ 0.254 χ^2 /NDF: 284253.4/9

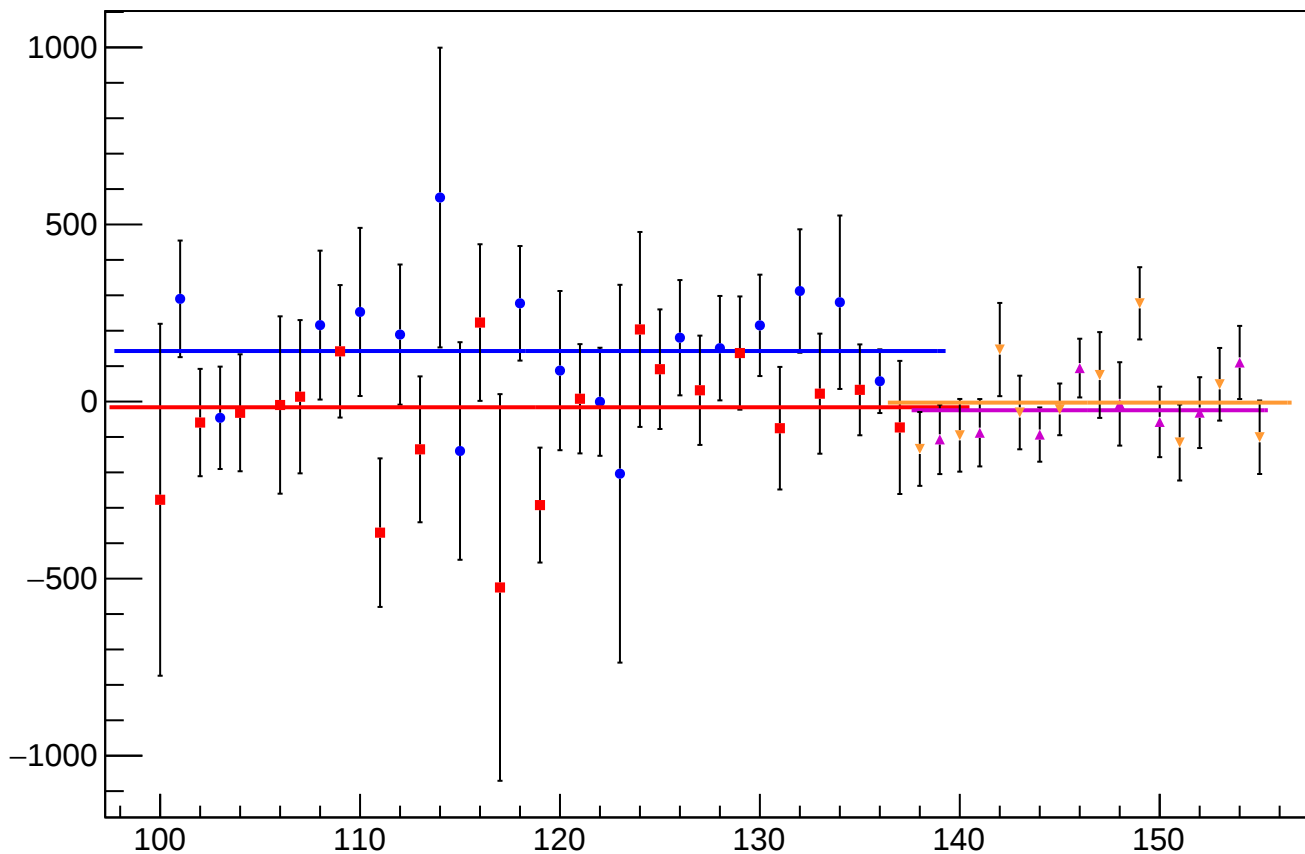
Right Out: 1545.785 $\pm$ 0.417 χ^2 /NDF: 453865.6/19

Left In: 964.809 $\pm$ 0.269 χ^2 /NDF: 204080.0/7

1098.880 $\pm$ 0.216 χ^2 /NDF: 1939195.1/26

1135.367 $\pm$ 0.226 χ^2 /NDF: 2032301.2/27

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 142.683 $\pm$ 41.625 χ^2 /NDF: 9.3/16

Left Out: -3.001 $\pm$ 32.208 χ^2 /NDF:14.0/9

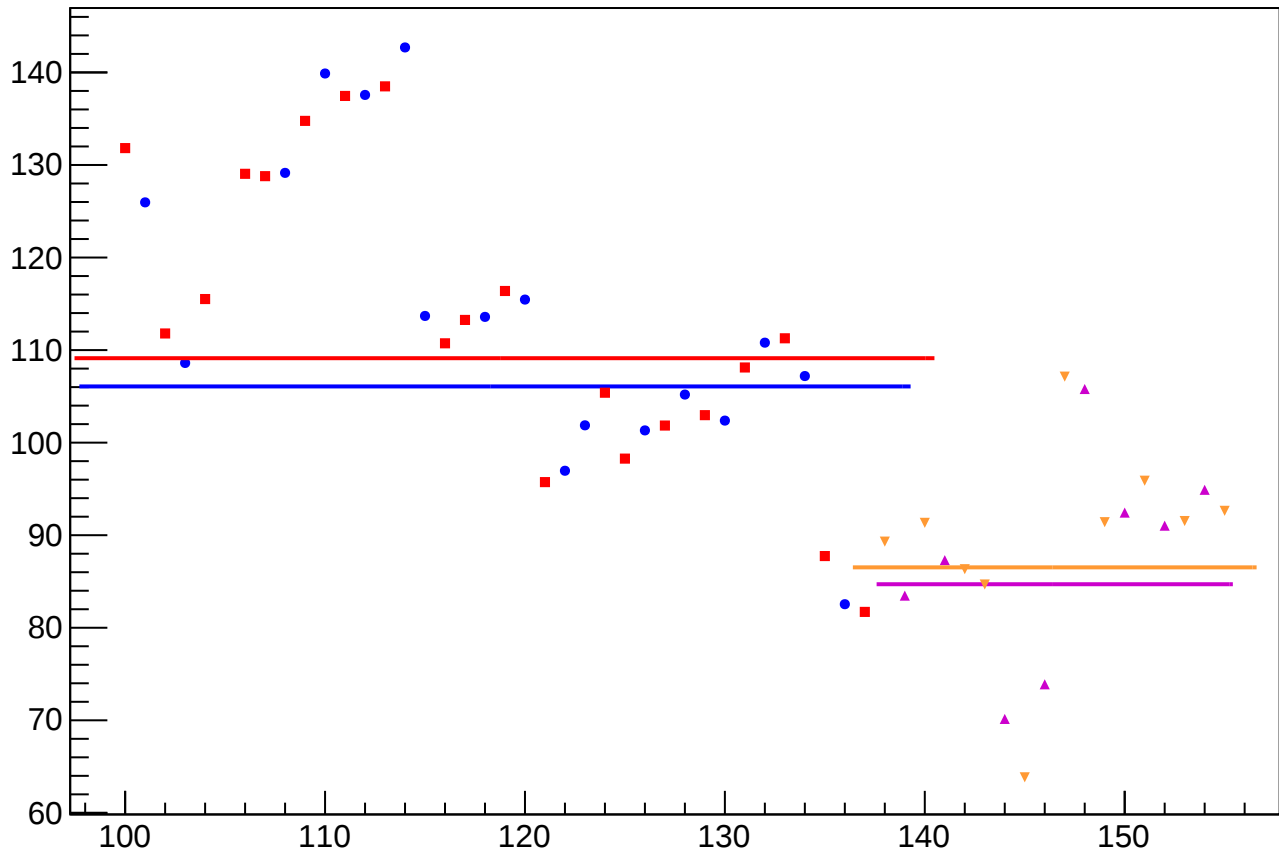
Right Out: -16.103 $\pm$ 41.277 χ^2 /NDF: 11.7/19

Left In: -24.552 $\pm$ 33.382 χ^2 /NDF:5.9/7

51.556 $\pm$ 25.473 χ^2 /NDF: 31.0/26

-21.211 $\pm$ 25.956 χ^2 /NDF: 17.6/27

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 106.074 $\pm$ 0.029 χ^2 /NDF: 317907.9/16

Left Out: 86.525 $\pm$ 0.023 χ^2 /NDF:289091.1/9

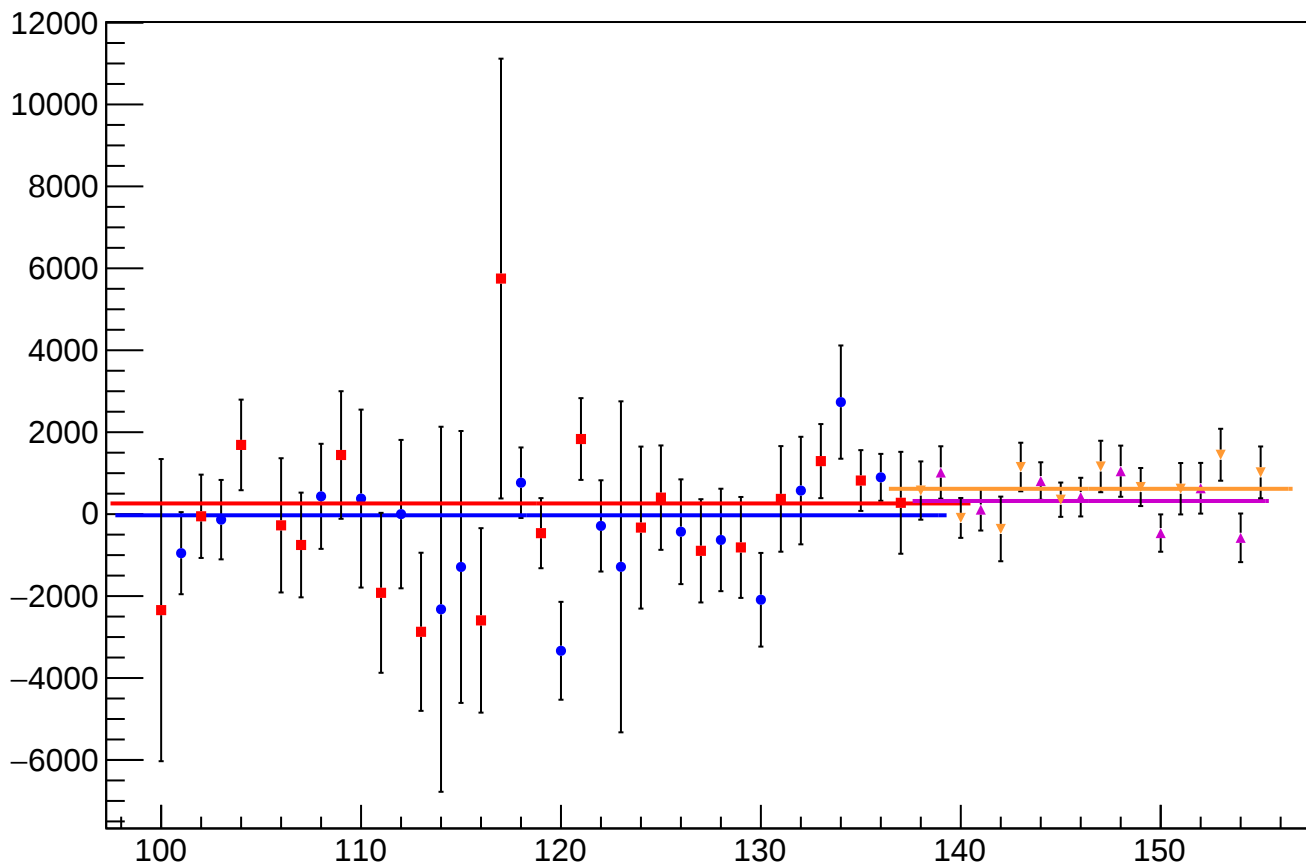
Right Out: 109.124 $\pm$ 0.029 χ^2 /NDF: 285510.2/19

Left In: 84.703 $\pm$ 0.024 χ^2 /NDF:211806.2/7

93.846 $\pm$ 0.018 χ^2 /NDF: 882910.7/26

94.359 $\pm$ 0.018 χ^2 /NDF: 920569.3/27

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -27.969 $\pm$ 283.741 χ^2/NDF : 20.5/16

Left Out: 618.322 $\pm$ 179.436 χ^2/NDF : 7.8/9

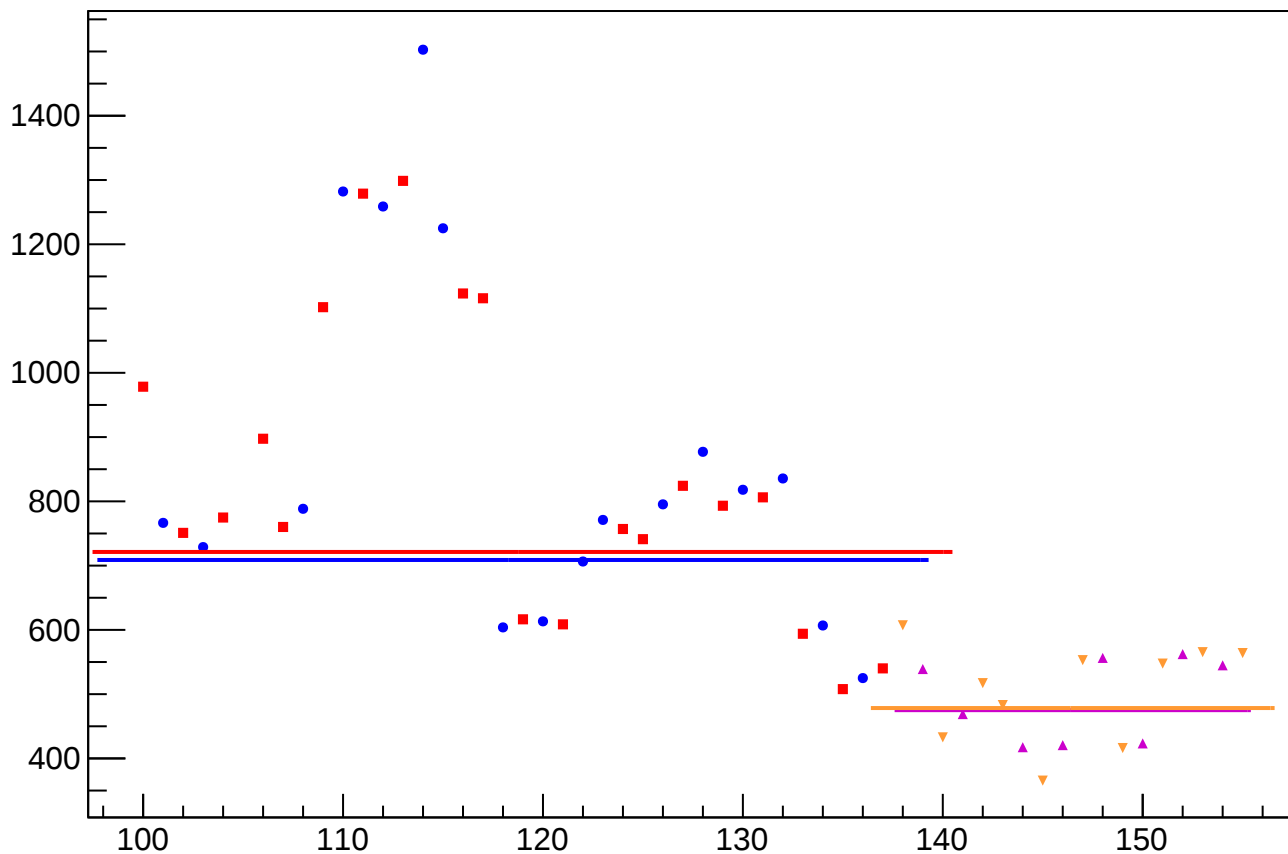
Right Out: 261.265 $\pm$ 279.073 χ^2/NDF : 16.9/19

Left In: 320.946 $\pm$ 187.783 χ^2/NDF : 9.4/7

433.694 $\pm$ 151.655 χ^2/NDF : 32.0/26

302.346 $\pm$ 155.797 χ^2/NDF : 26.3/27

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 708.784+/-0.201 χ^2/NDF : 793538.1/16

Left Out: 478.390+/-0.127 χ^2/NDF : 396262.8/9

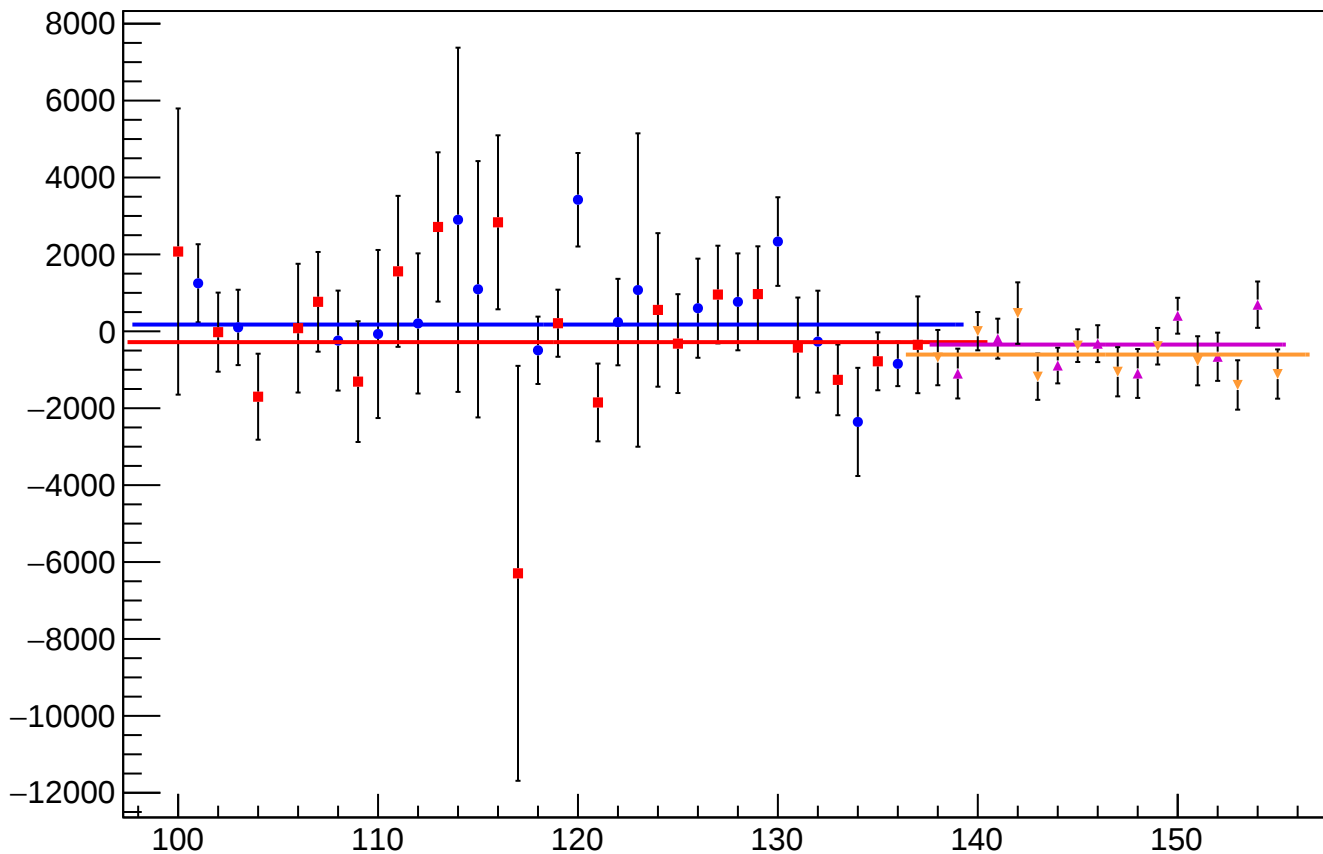
Right Out: 721.271+/-0.197 χ^2/NDF : 910781.0/19

Left In: 475.109+/-0.133 χ^2/NDF : 205671.5/7

544.208+/-0.107 χ^2/NDF : 2131741.8/26

551.828+/-0.110 χ^2/NDF : 2187578.5/27

asym_sam_26_48_dd_mean vs Slug



Right In: 175.854+/-287.218 χ^2/NDF : 19.7/16

Left Out: -604.481+/-182.554 χ^2/NDF : 7.4/9

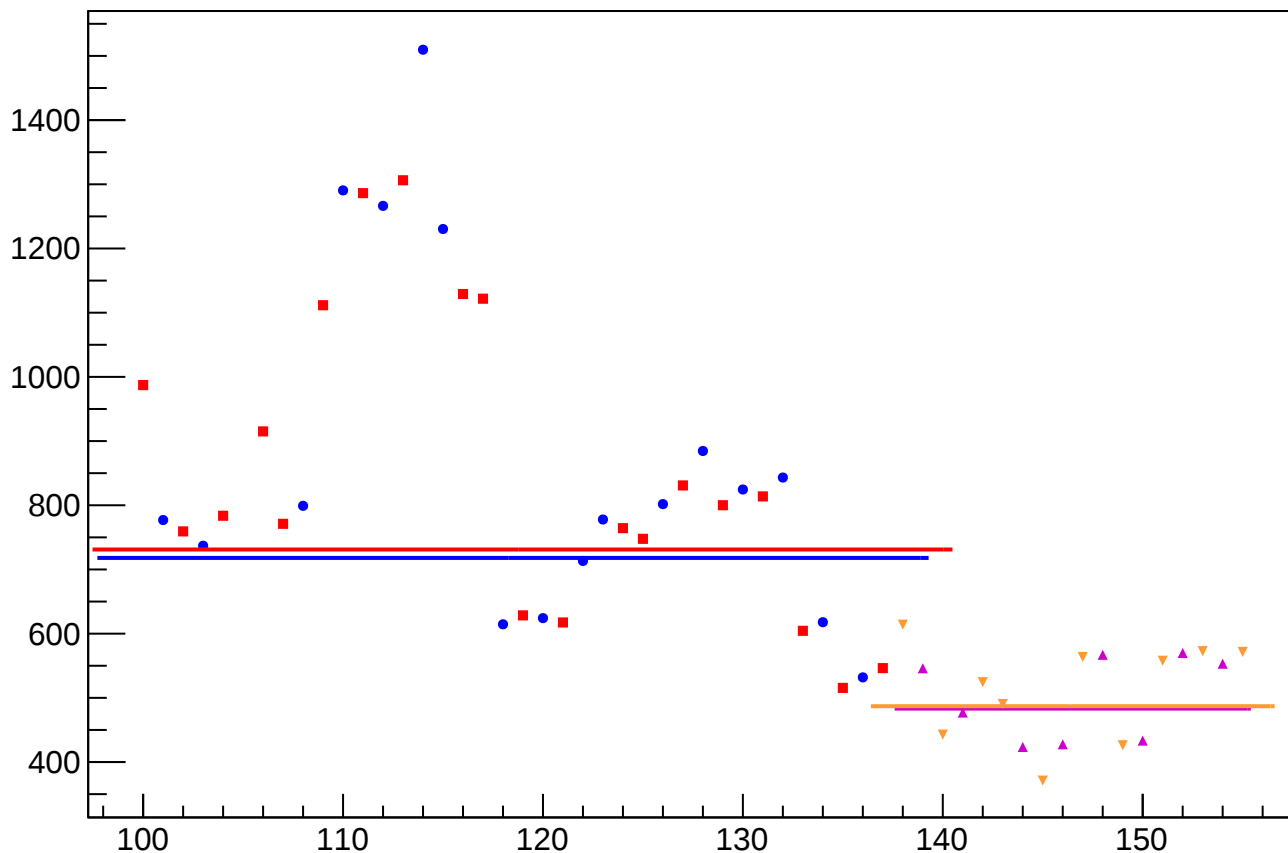
Right Out: -281.173+/-282.685 χ^2/NDF : 16.1/19

Left In: -344.777+/-190.944 χ^2/NDF : 10.0/7

-379.949+/-154.067 χ^2/NDF : 32.4/26

-324.849+/-158.229 χ^2/NDF : 26.1/27

asym_sam_26_48_dd_rms vs Slug



Right In: 717.973+/-0.203 χ^2/NDF : 778580.1/16

Left Out: 486.970+/-0.129 χ^2/NDF :388037.0/9

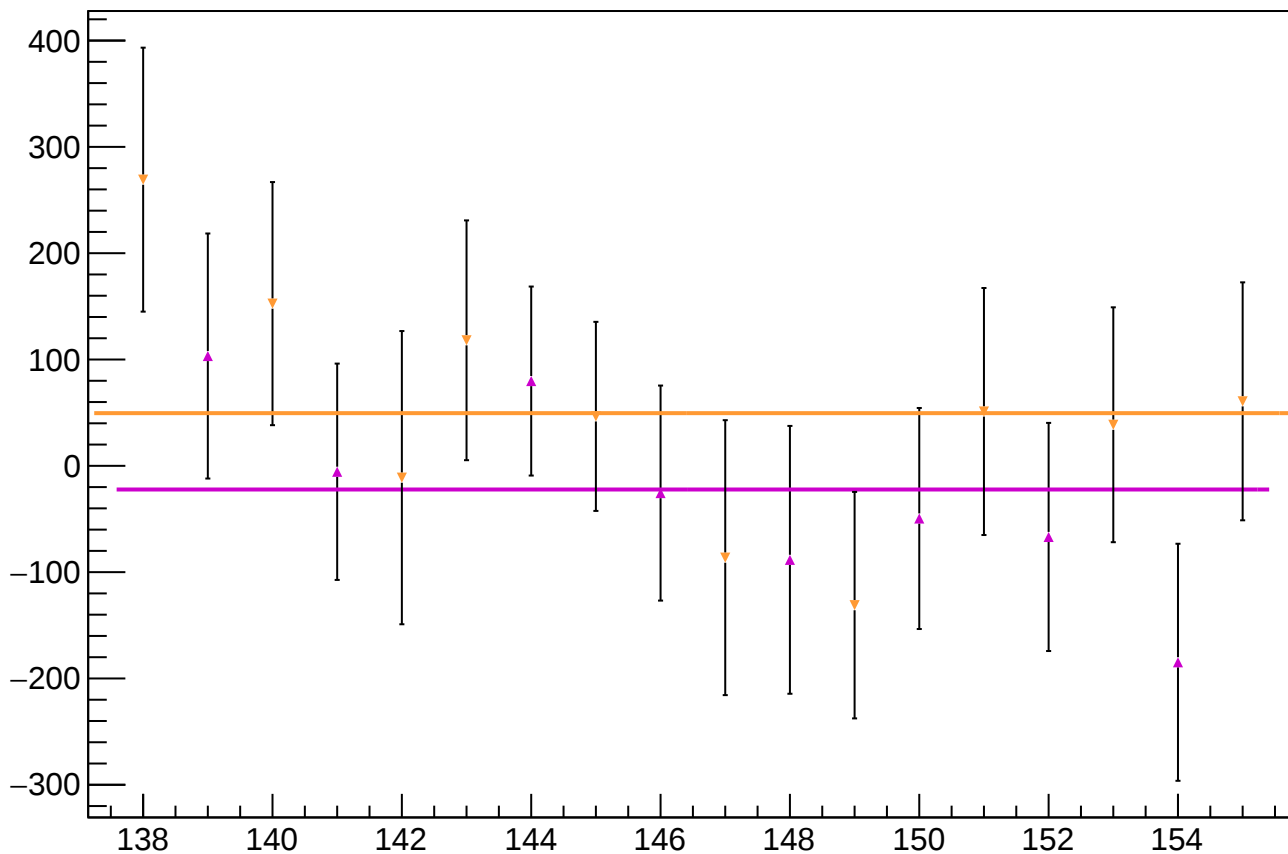
Right Out: 731.116+/-0.200 χ^2/NDF : 892357.6/19

Left In: 483.273+/-0.135 χ^2/NDF :201798.5/7

553.439+/-0.109 χ^2/NDF : 2088085.2/26

560.923+/-0.112 χ^2/NDF : 2149855.1/27

reg_asym_sam_1548_avg_mean vs Slug



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

Left Out: 49.554+/-35.739 χ^2/NDF : 8.5/9

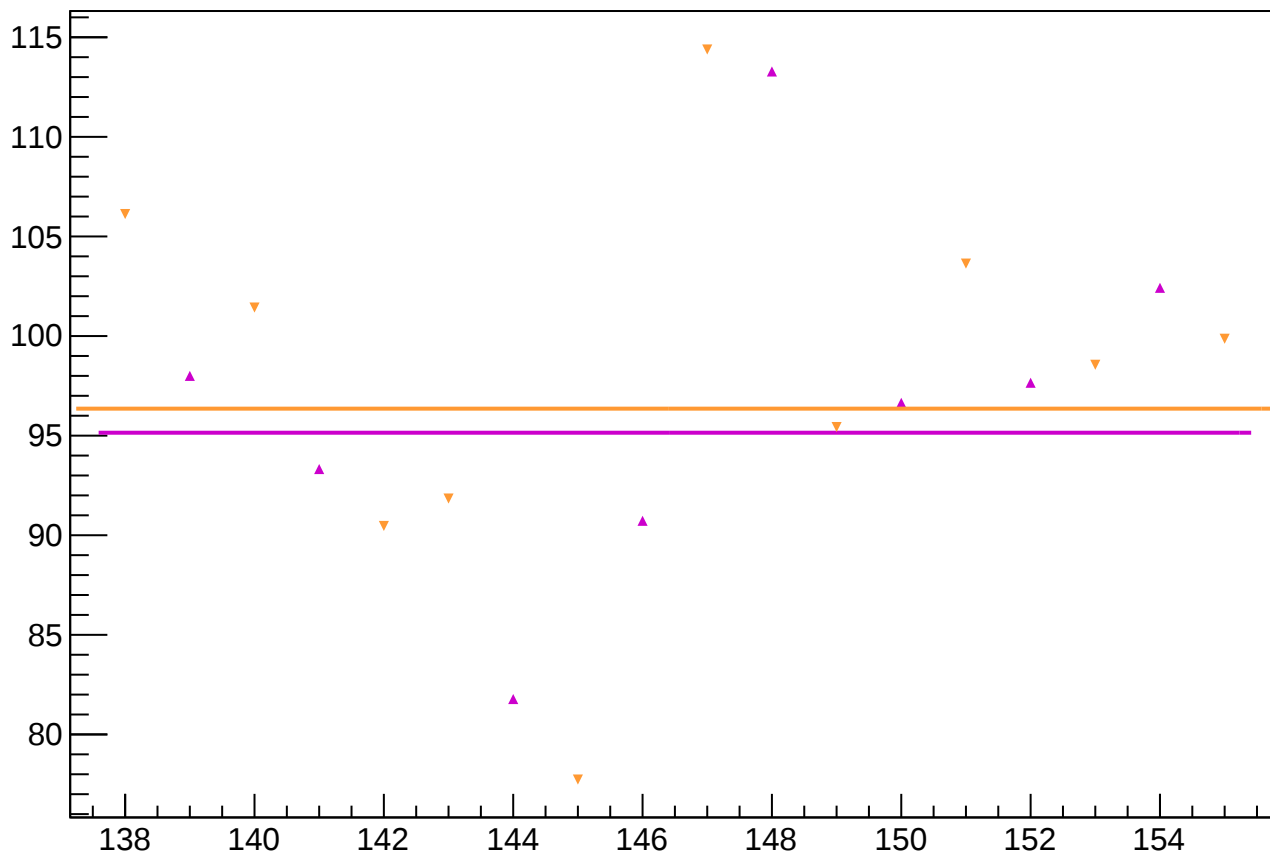
49.554+/-35.739 χ^2/NDF : 8.5/9

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

-22.263+/-37.289 χ^2/NDF : 5.2/7

Left In: -22.263+/-37.289 χ^2/NDF : 5.2/7

reg_asym_sam_1548_avg_rms vs Slug



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

Left Out: 96.355+/-0.025 χ^2/NDF :160544.4/9

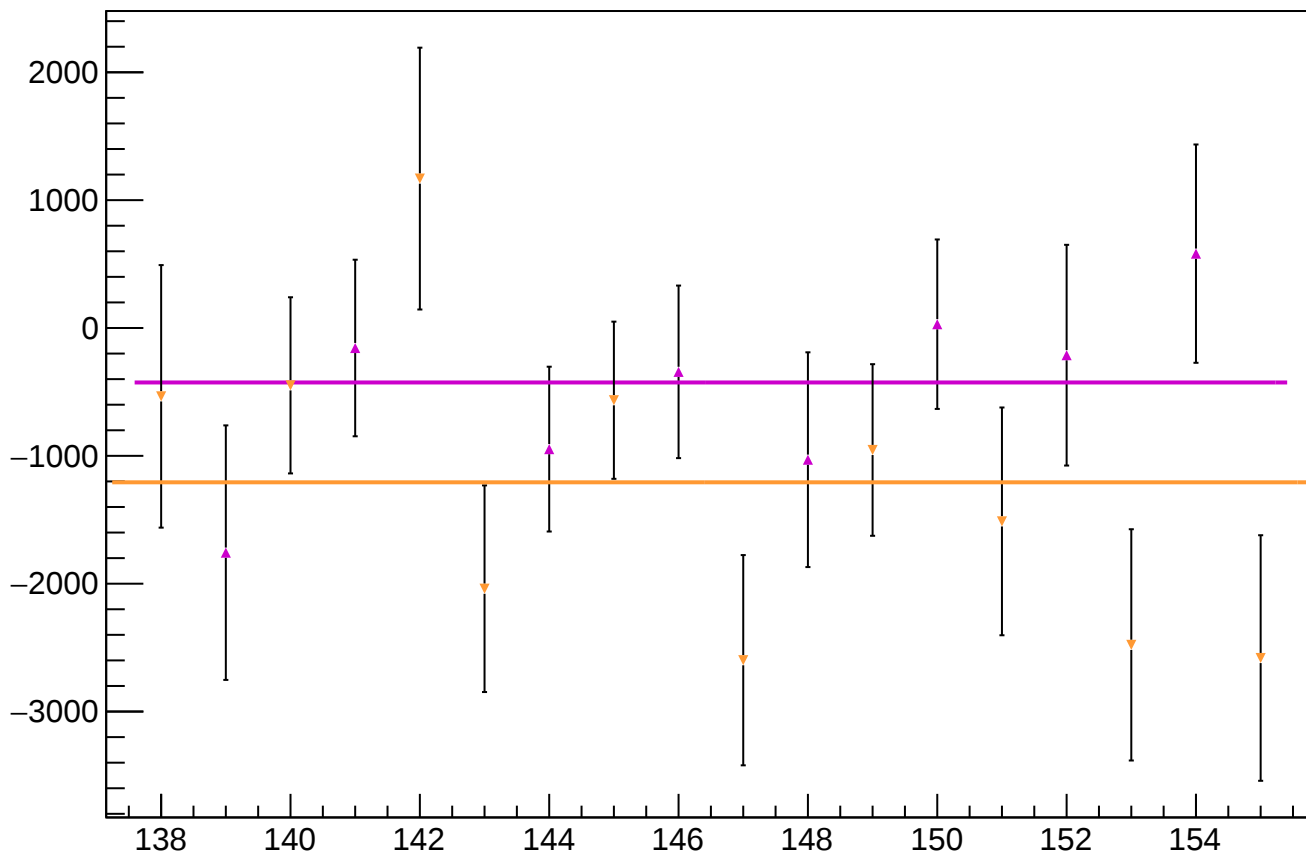
96.355+/-0.025 χ^2/NDF : 160544.4/9

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

95.147+/-0.026 χ^2/NDF : 102428.9/7

Left In: 95.147+/-0.026 χ^2/NDF :102428.9/7

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -1206.995+/-254.387 χ^2/NDF : 16.3/9

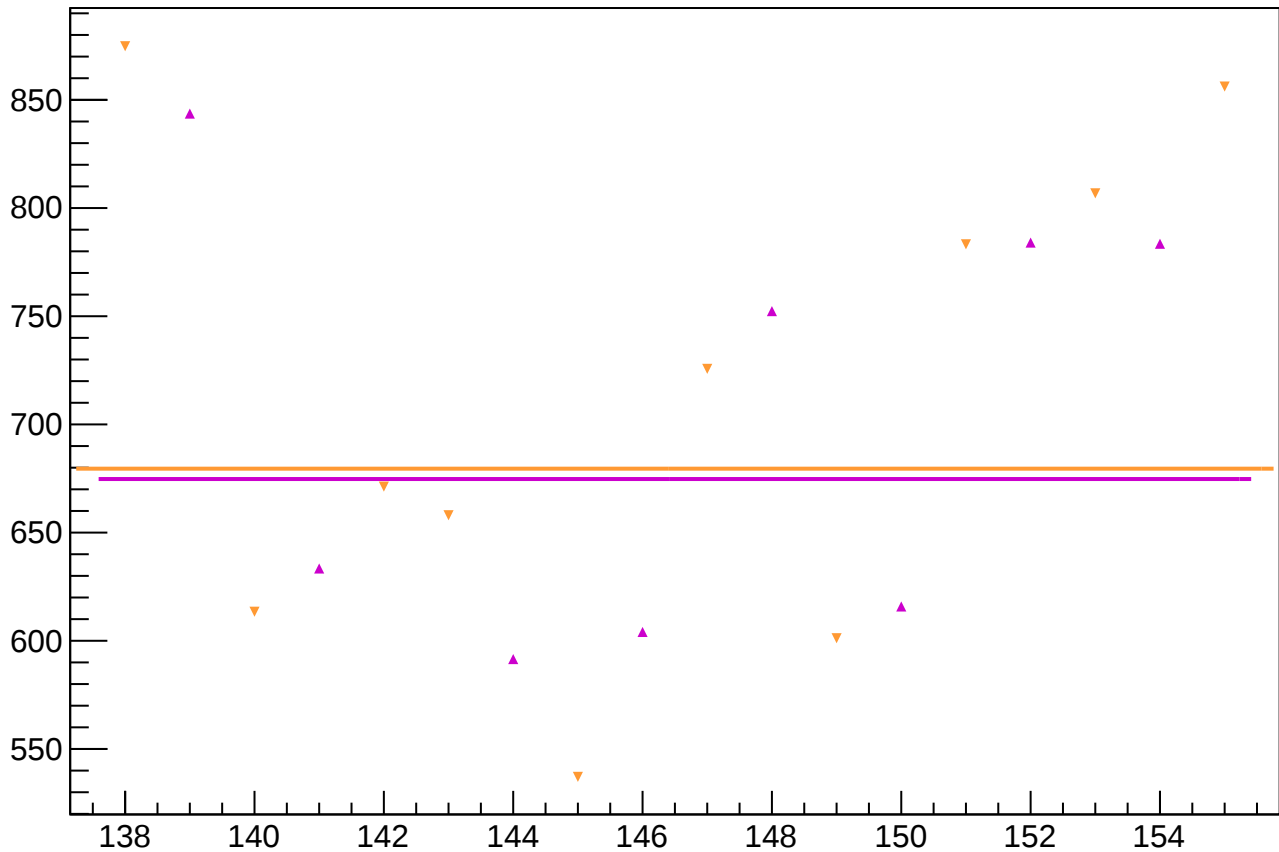
-1206.995+/-254.387 χ^2/NDF : 16.3/9

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

-426.063+/-266.144 χ^2/NDF : 5.1/7

Left In: -426.063+/-266.144 χ^2/NDF : 5.1/7

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 679.547+/-0.180 χ^2/NDF : 367558.2/9

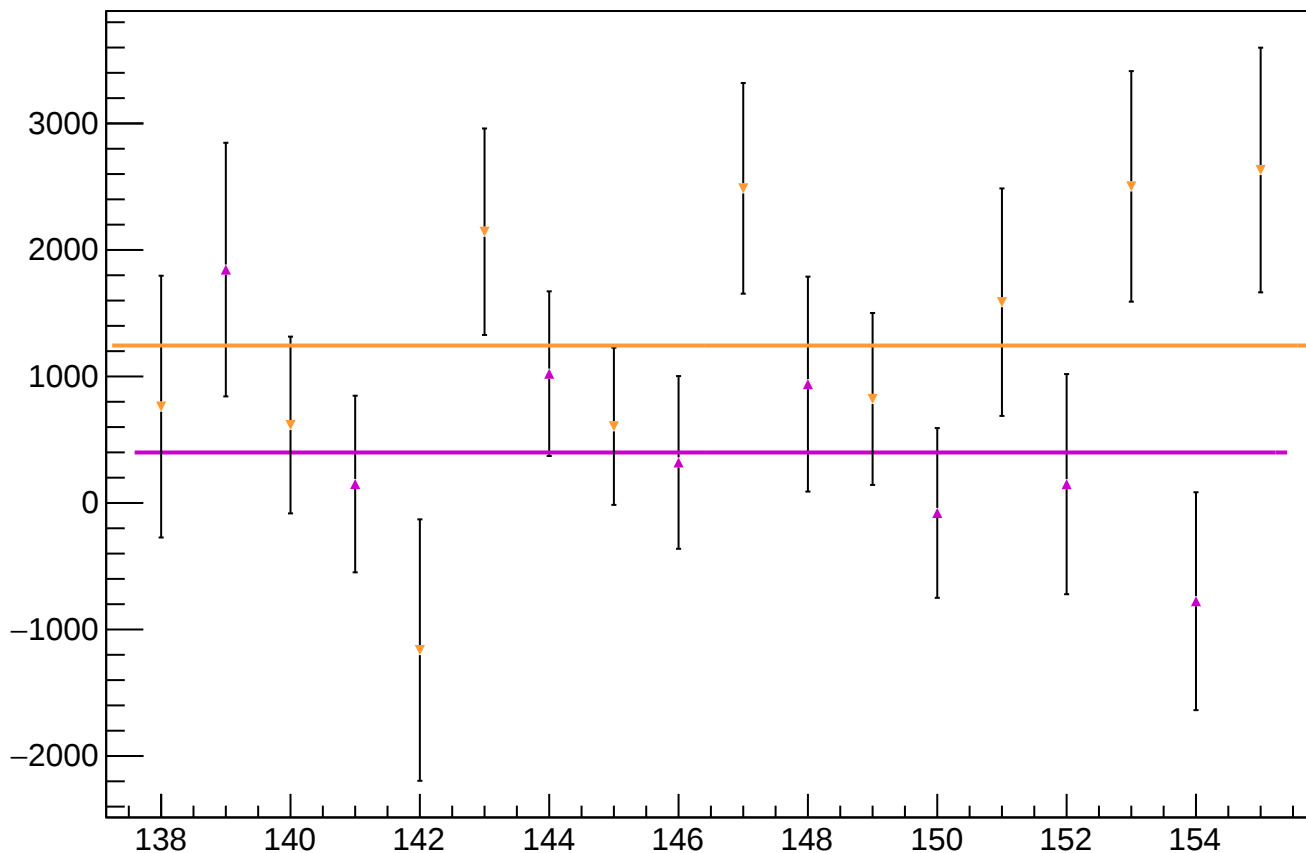
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 674.759+/-0.188 χ^2/NDF : 217384.8/7

679.547+/-0.180 χ^2/NDF : 367558.2/9

674.759+/-0.188 χ^2/NDF : 217384.8/7

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1244.829 $\pm$ 257.068 χ^2 /NDF: 15.4/9

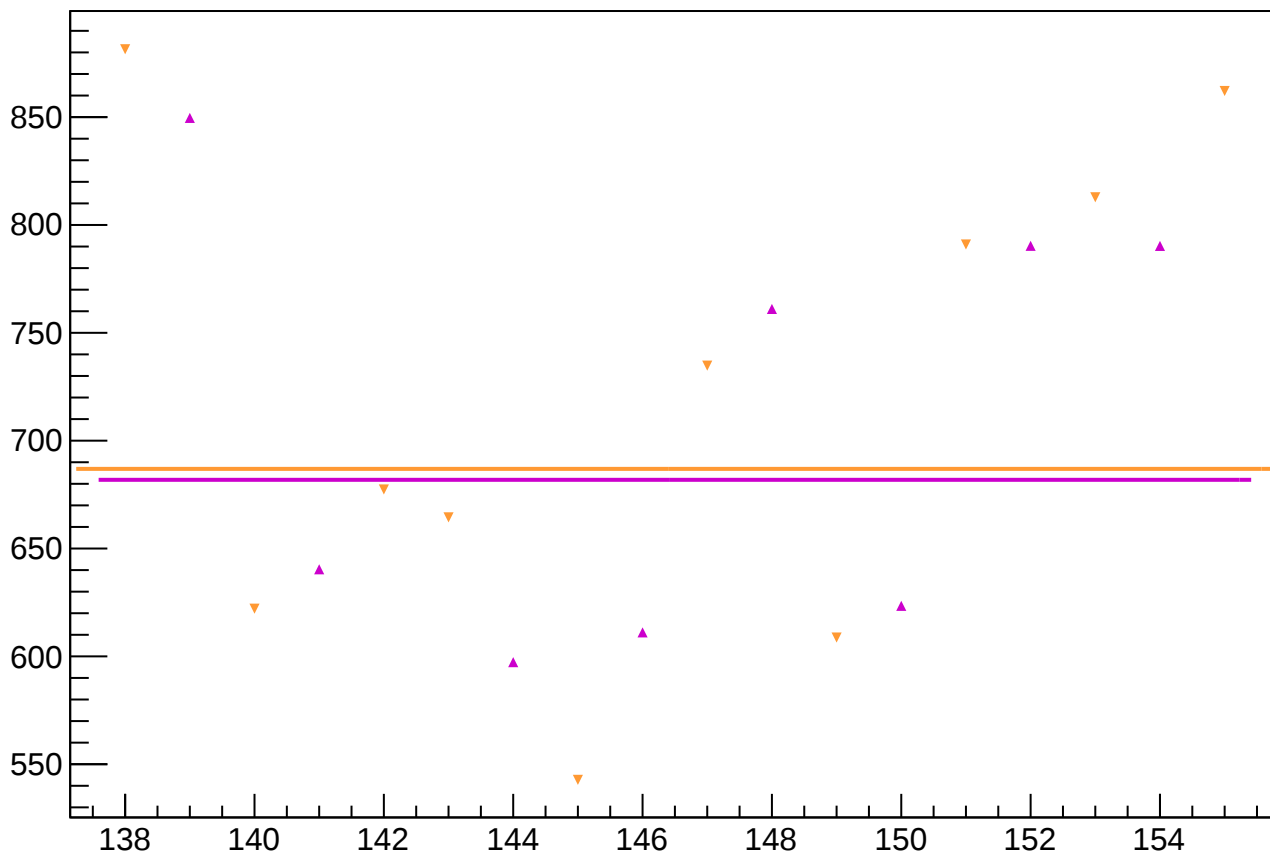
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 399.196 $\pm$ 268.881 χ^2 /NDF: 6.0/7

1244.829 $\pm$ 257.068 χ^2 /NDF: 15.4/9

399.196 $\pm$ 268.881 χ^2 /NDF: 6.0/7

asym_sam_1548_avg_rms vs Slug



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

Left Out: 686.926+/-0.182 χ^2/NDF : 361069.7/9

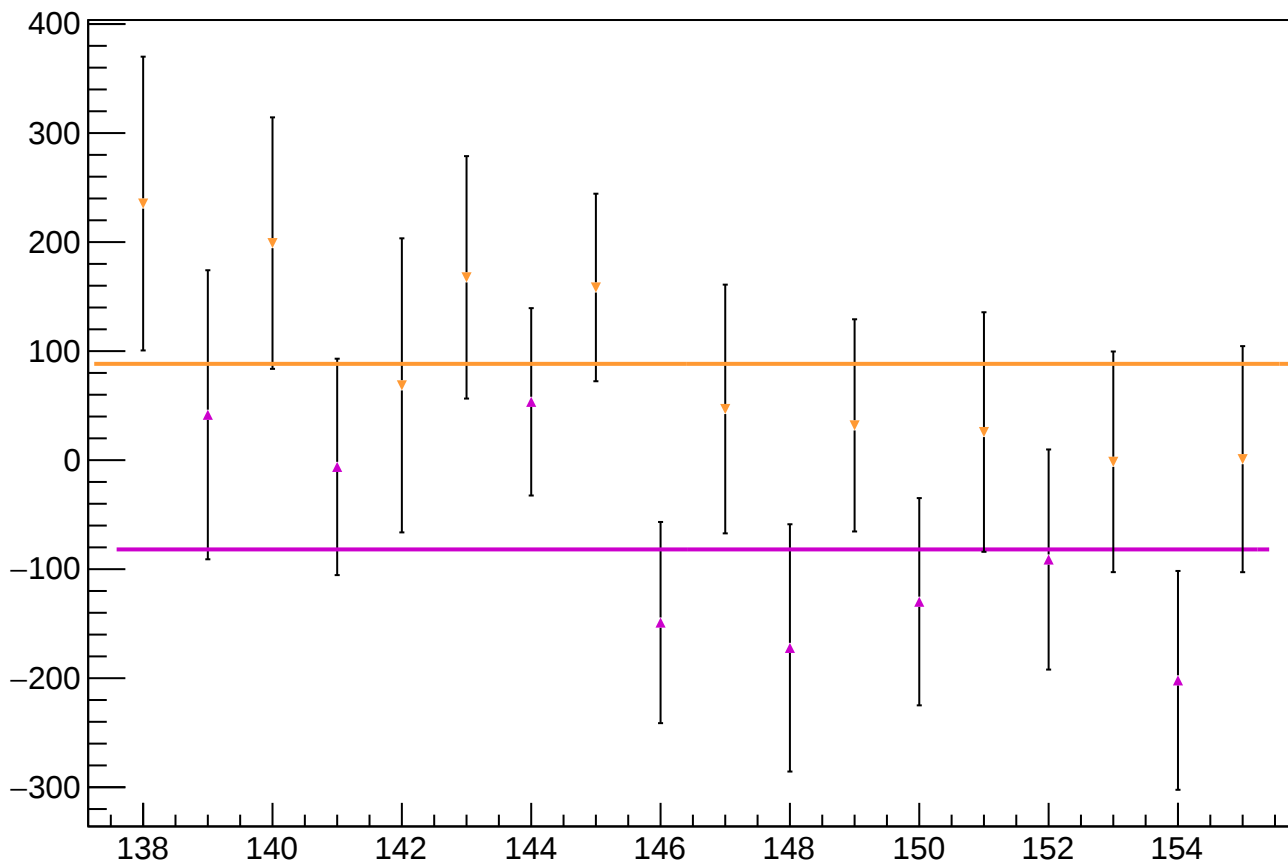
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 681.852+/-0.190 χ^2/NDF : 213691.1/7

686.926+/-0.182 χ^2/NDF : 361069.7/9

681.852+/-0.190 χ^2/NDF : 213691.1/7

reg_asym_sam_3748_avg_mean vs Slug



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

Left Out: 88.321+/-34.152 χ^2/NDF : 5.6/9

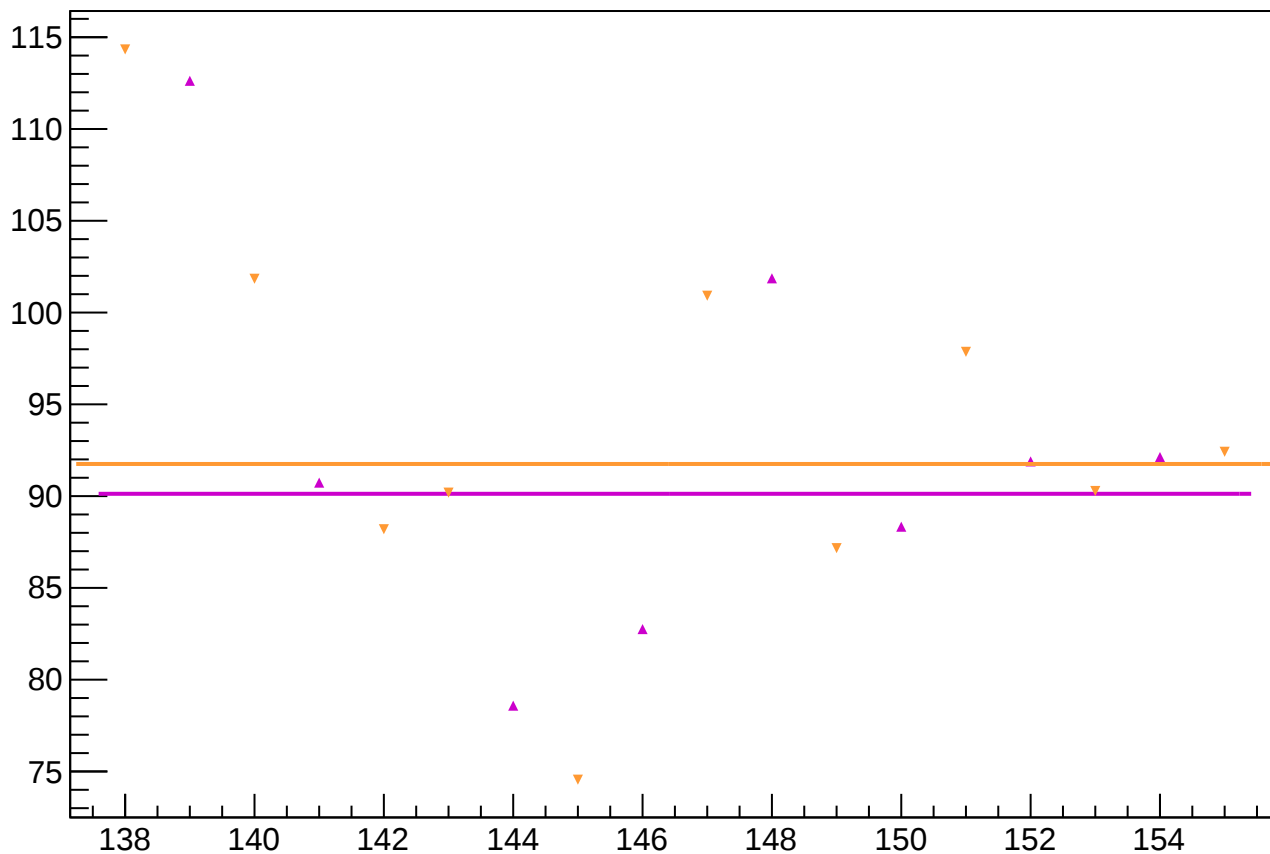
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.883+/-35.418 χ^2/NDF : 6.8/7

88.321+/-34.152 χ^2/NDF : 5.6/9

-81.883+/-35.418 χ^2/NDF : 6.8/7

reg_asym_sam_3748_avg_rms vs Slug



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

Left Out: 91.751+/-0.024 χ^2/NDF :177325.7/9

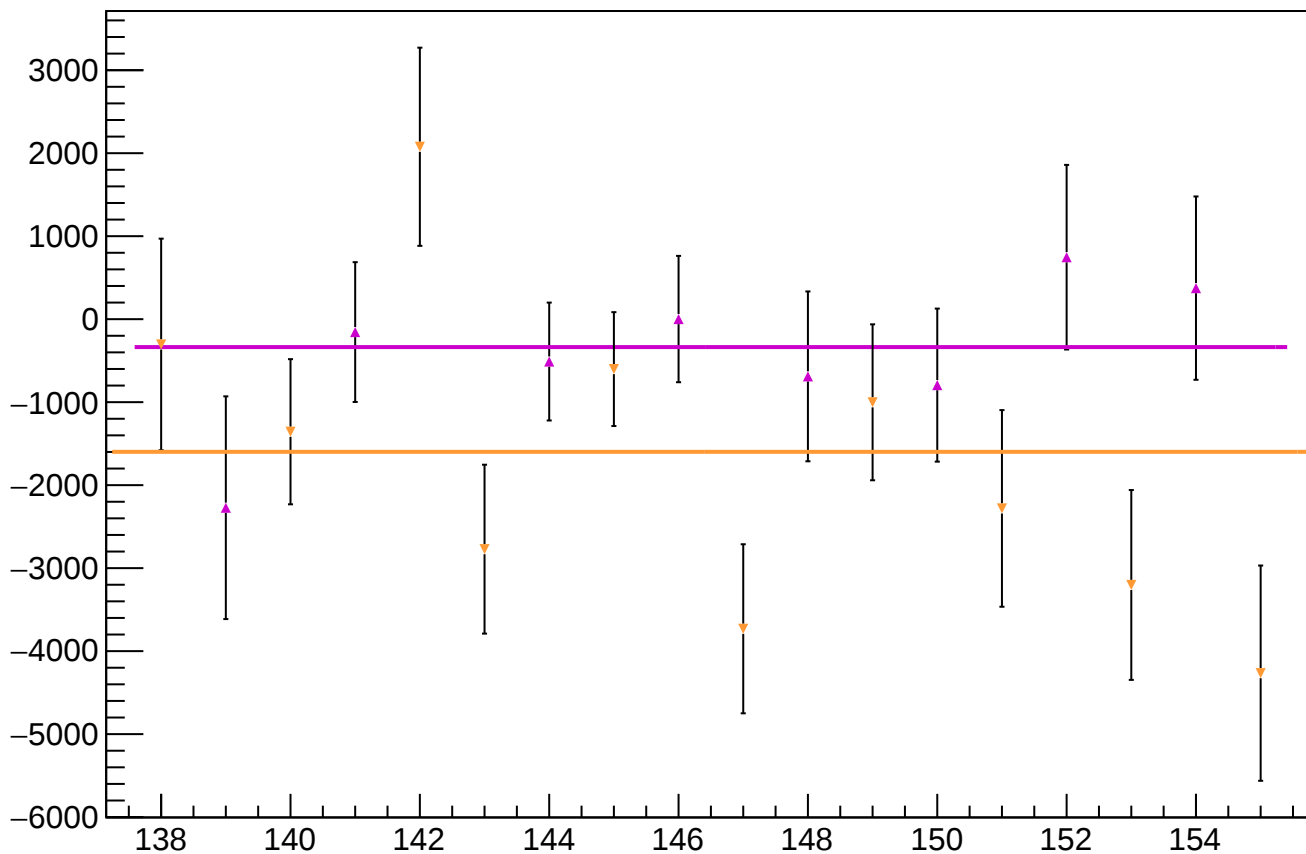
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 90.126+/-0.025 χ^2/NDF :130082.4/7

91.751+/-0.024 χ^2/NDF : 177325.7/9

90.126+/-0.025 χ^2/NDF : 130082.4/7

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1598.408+/-318.094 χ^2/NDF : 25.3/9

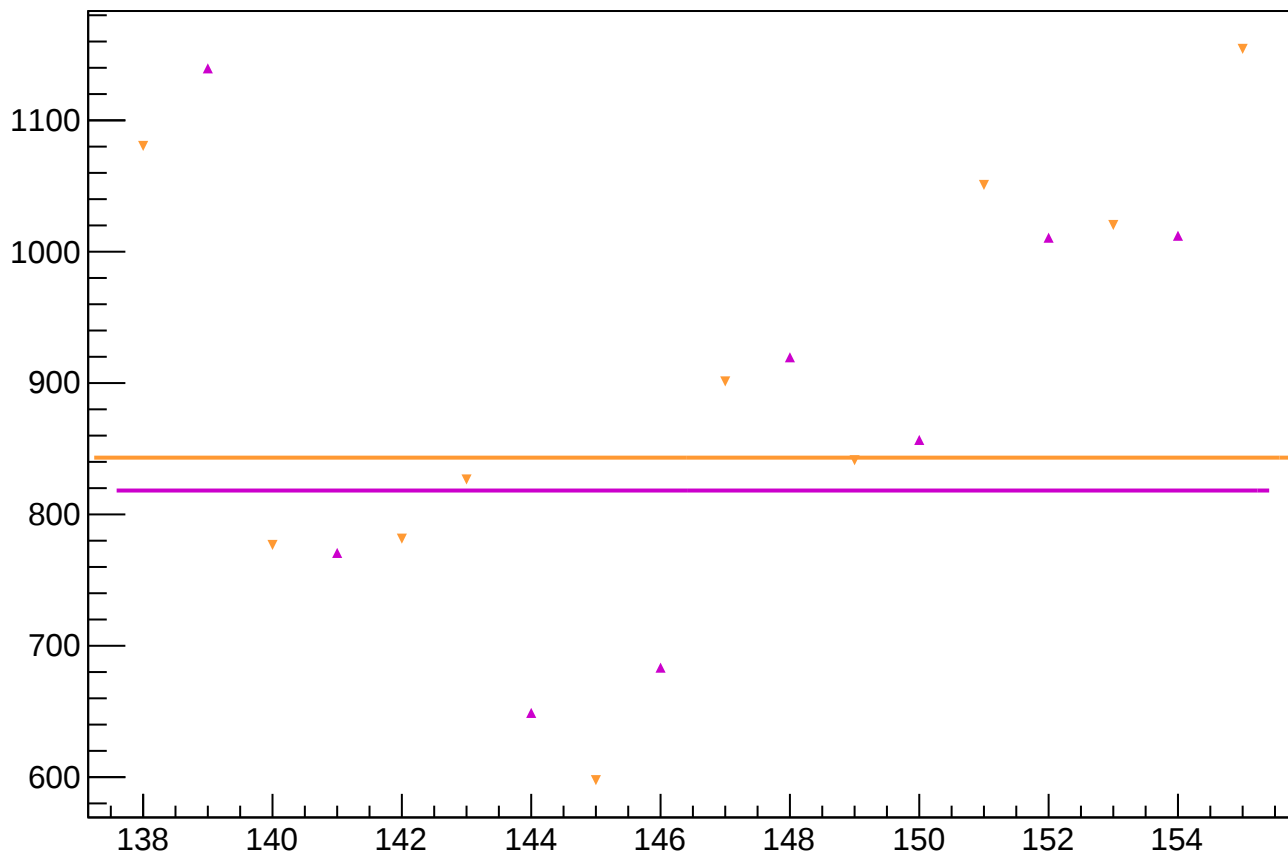
-1598.408+/-318.094 χ^2/NDF : 25.3/9

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

-336.370+/-325.598 χ^2/NDF : 4.1/7

Left In: -336.370+/-325.598 χ^2/NDF : 4.1/7

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 843.223+/-0.225 χ^2/NDF : 573895.9/9

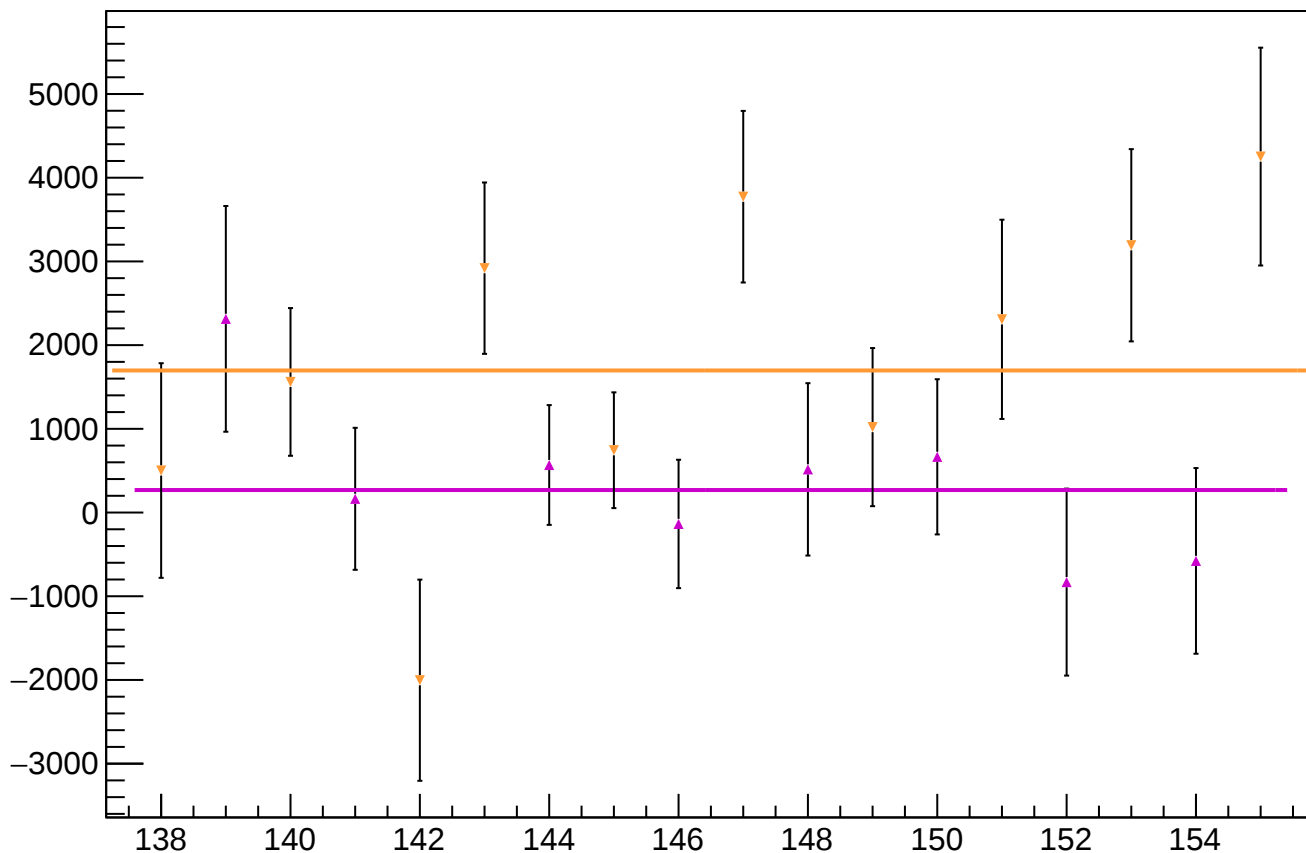
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 818.188+/-0.230 χ^2/NDF : 442187.8/7

843.223+/-0.225 χ^2/NDF : 573895.9/9

818.188+/-0.230 χ^2/NDF : 442187.8/7

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1697.284+/-320.120 χ^2/NDF : 24.1/9

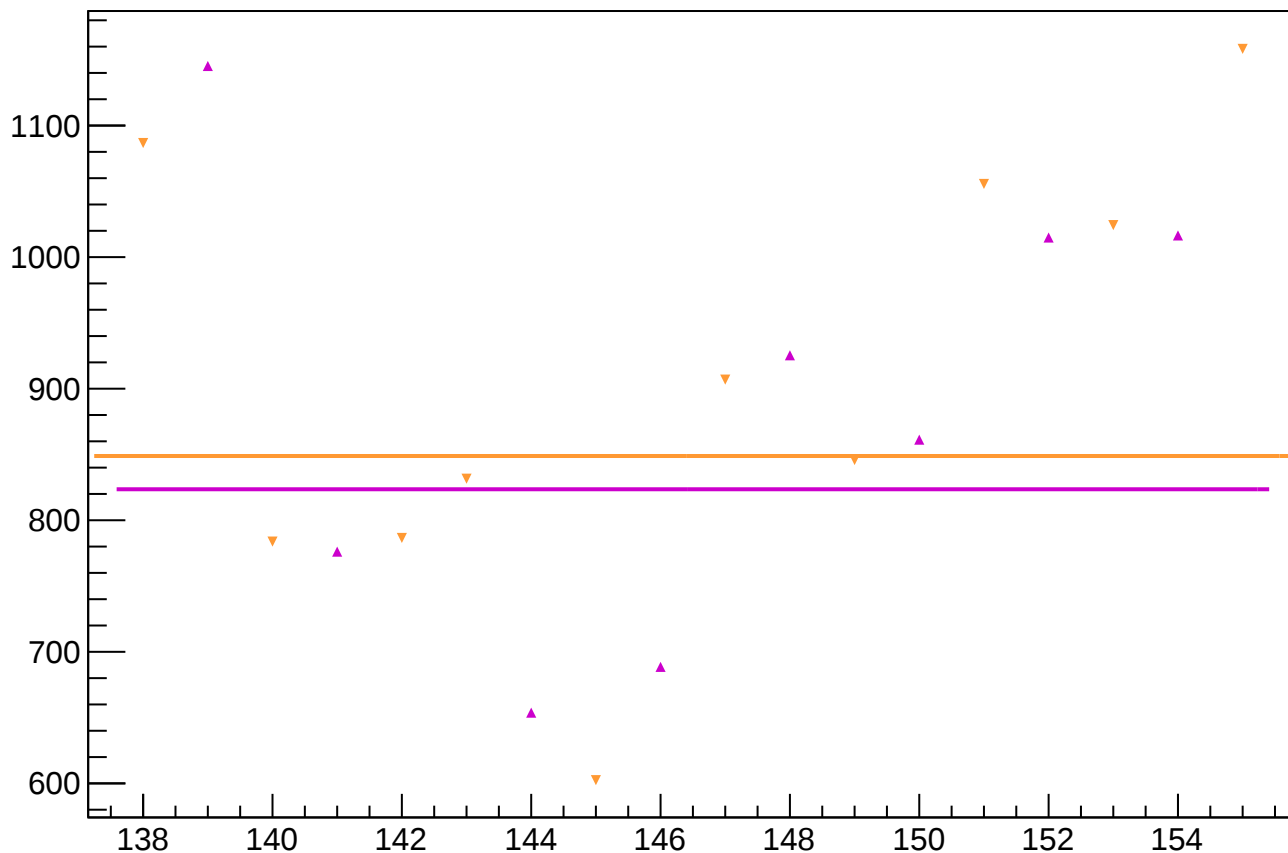
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 268.787+/-327.655 χ^2/NDF : 4.6/7

1697.284+/-320.120 χ^2/NDF : 24.1/9

268.787+/-327.655 χ^2/NDF : 4.6/7

asym_sam_3748_avg_rms vs Slug



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

Left Out: 848.836+/-0.226 χ^2/NDF : 566197.0/9

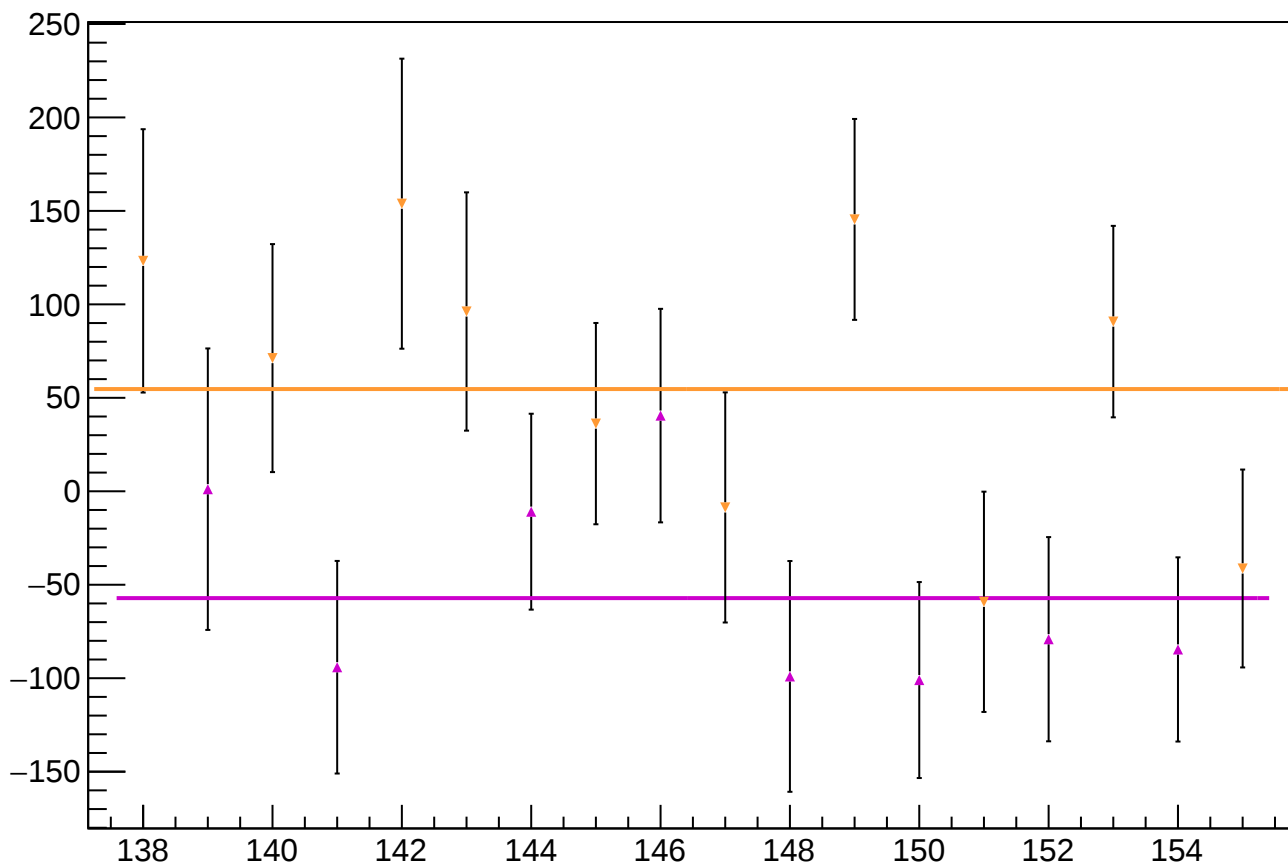
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 823.559+/-0.232 χ^2/NDF : 436725.7/7

848.836+/-0.226 χ^2/NDF : 566197.0/9

823.559+/-0.232 χ^2/NDF : 436725.7/7

reg_asym_sam_1526_avg_mean vs Slug



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

Left Out: 54.687+/-18.686 χ^2/NDF : 14.6/9

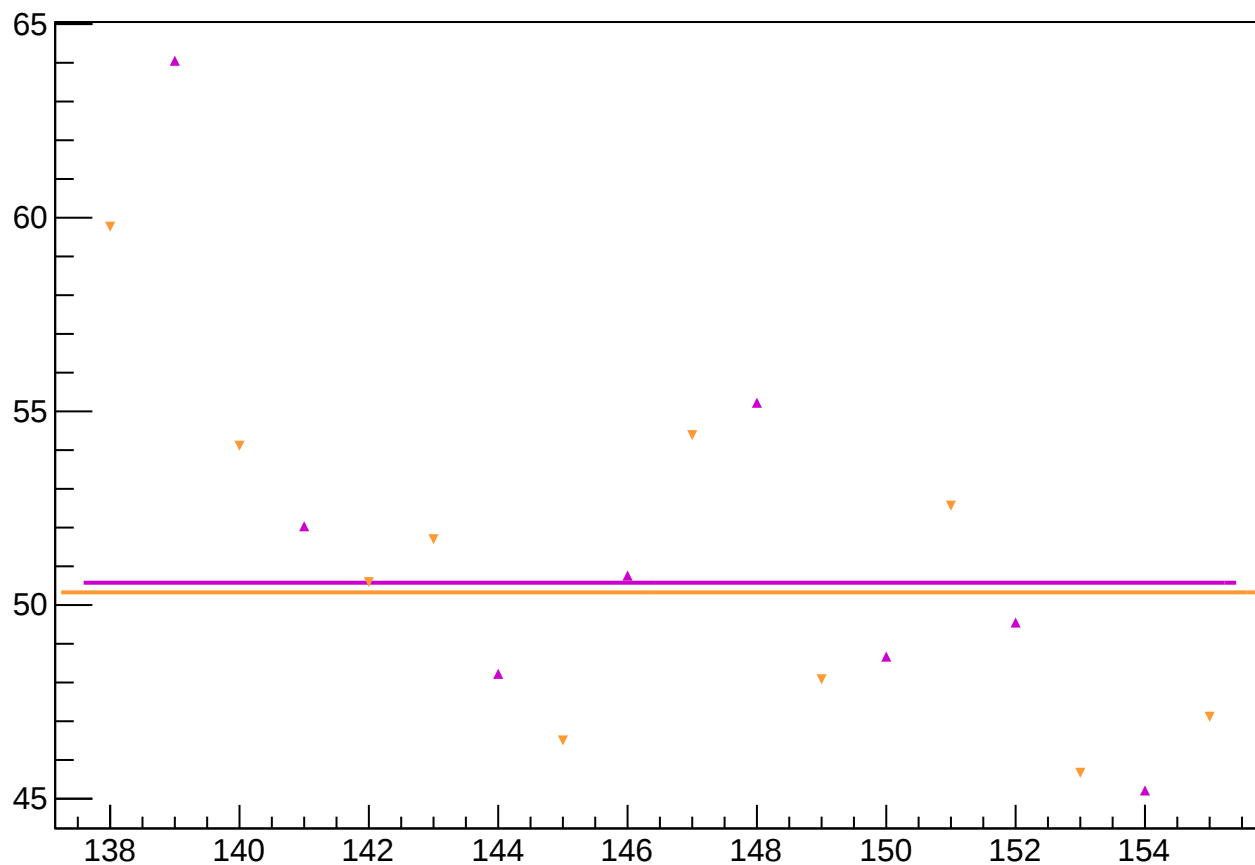
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -57.154+/-19.882 χ^2/NDF : 6.4/7

54.687+/-18.686 χ^2/NDF : 14.6/9

-57.154+/-19.882 χ^2/NDF : 6.4/7

reg_asym_sam_1526_avg_rms vs Slug



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

Left Out: 50.327+/-0.013 χ^2/NDF : 93638.7/9

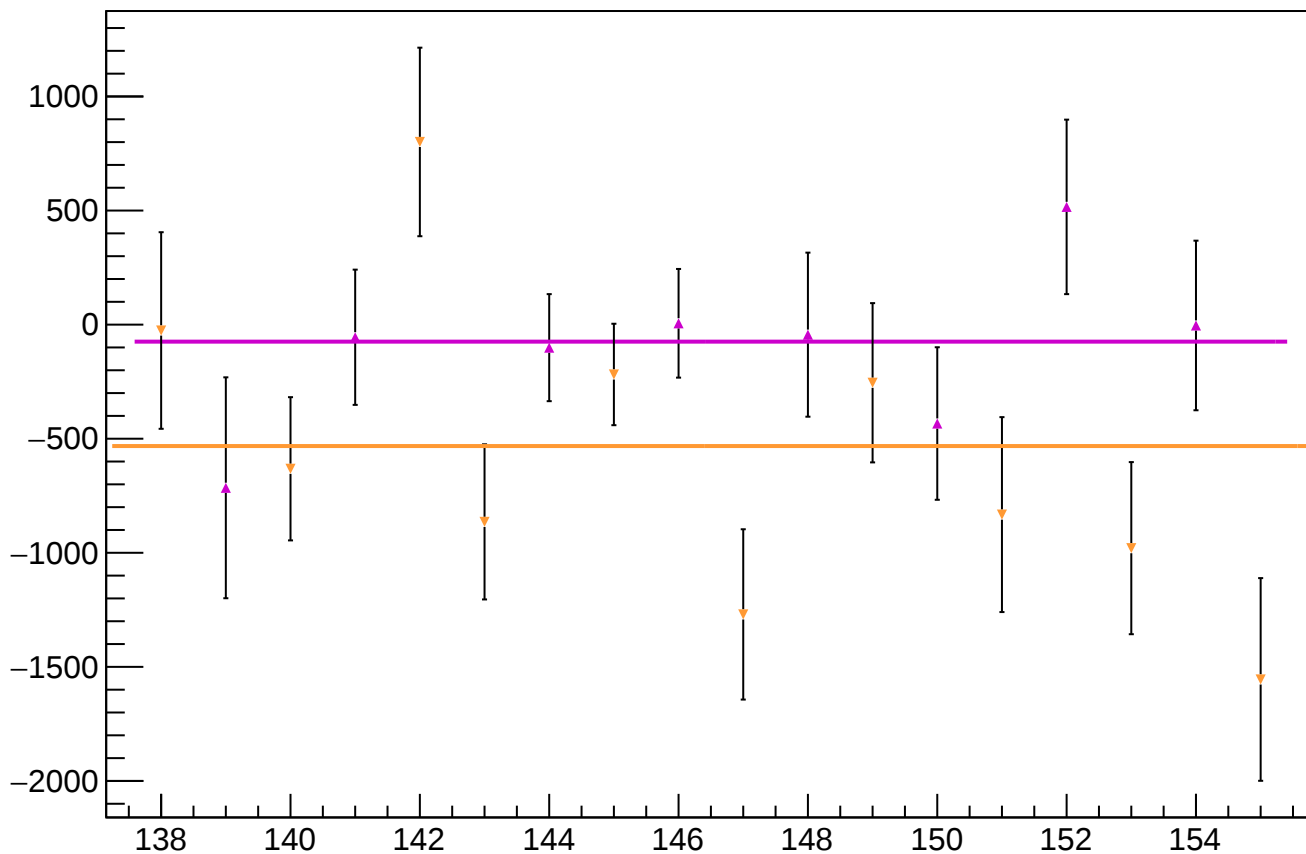
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 50.576+/-0.014 χ^2/NDF : 107826.6/7

50.327+/-0.013 χ^2/NDF : 93638.7/9

50.576+/-0.014 χ^2/NDF : 107826.6/7

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -532.177+/-109.601 χ^2/NDF : 26.6/9

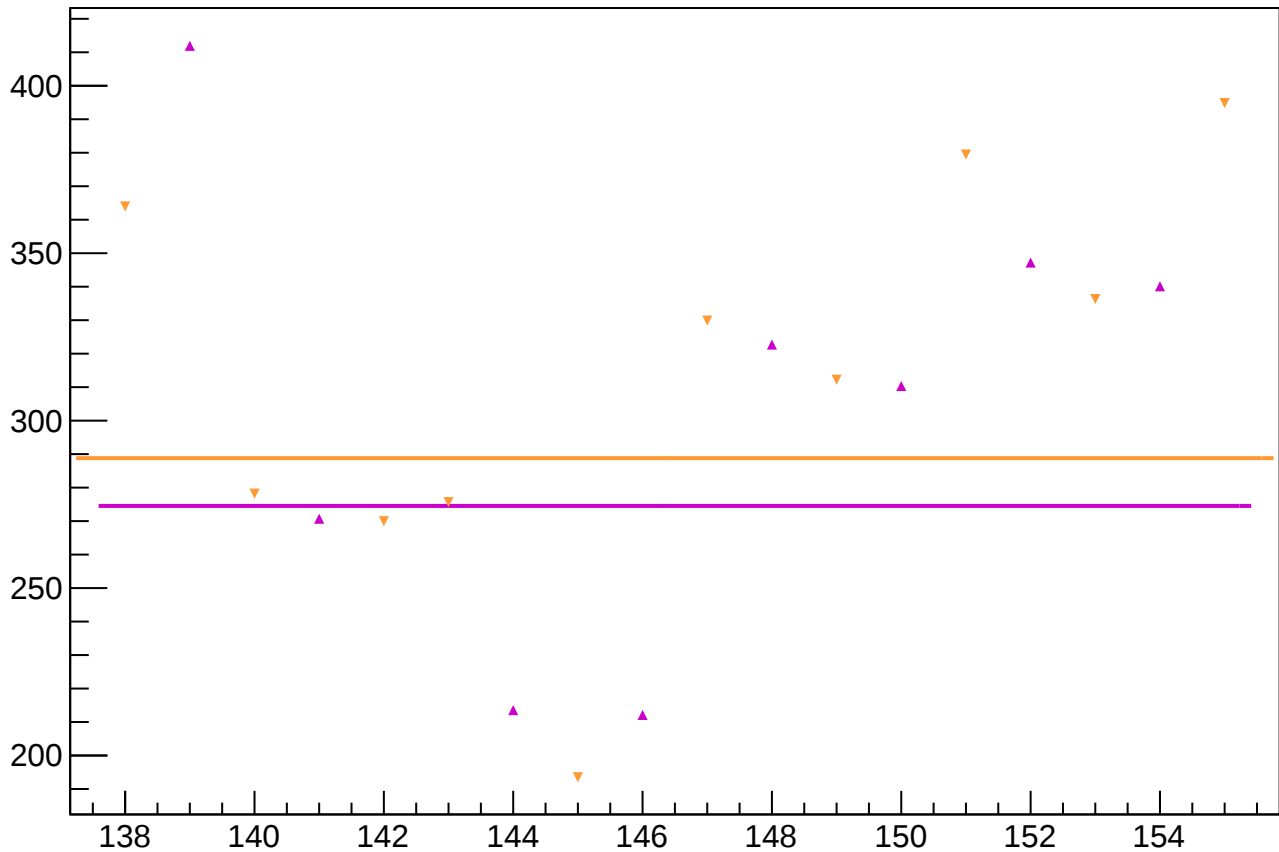
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.531+/-110.288 χ^2/NDF : 5.5/7

-532.177+/-109.601 χ^2/NDF : 26.6/9

-74.531+/-110.288 χ^2/NDF : 5.5/7

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 288.801+/-0.077 χ^2/NDF : 706885.0/9

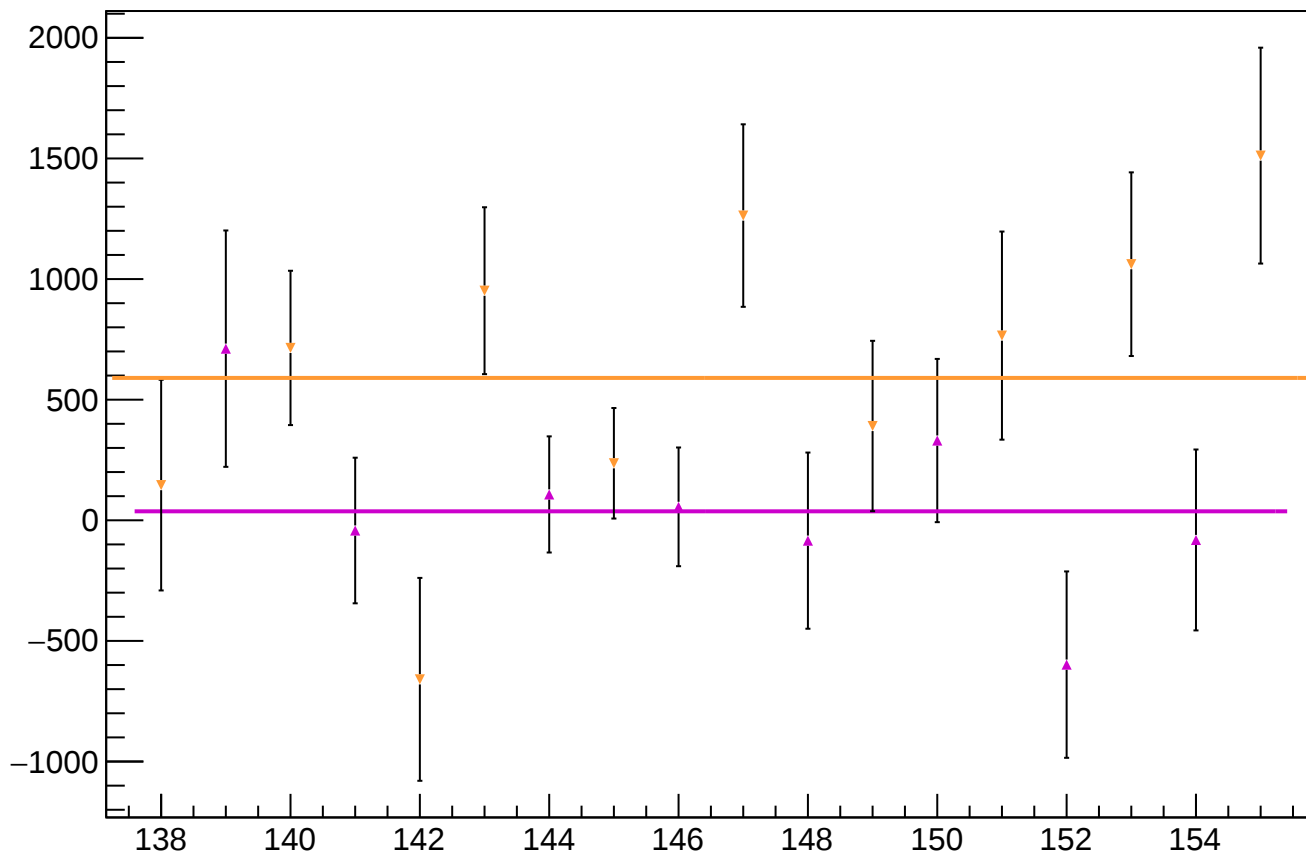
288.801+/-0.077 χ^2/NDF : 706885.0/9

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

Left In: 274.533+/-0.078 χ^2/NDF : 627278.3/7

274.533+/-0.078 χ^2/NDF : 627278.3/7

asym_sam_1526_avg_mean vs Slug



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

Left Out: 590.225+/-111.556 χ^2/NDF : 22.9/9

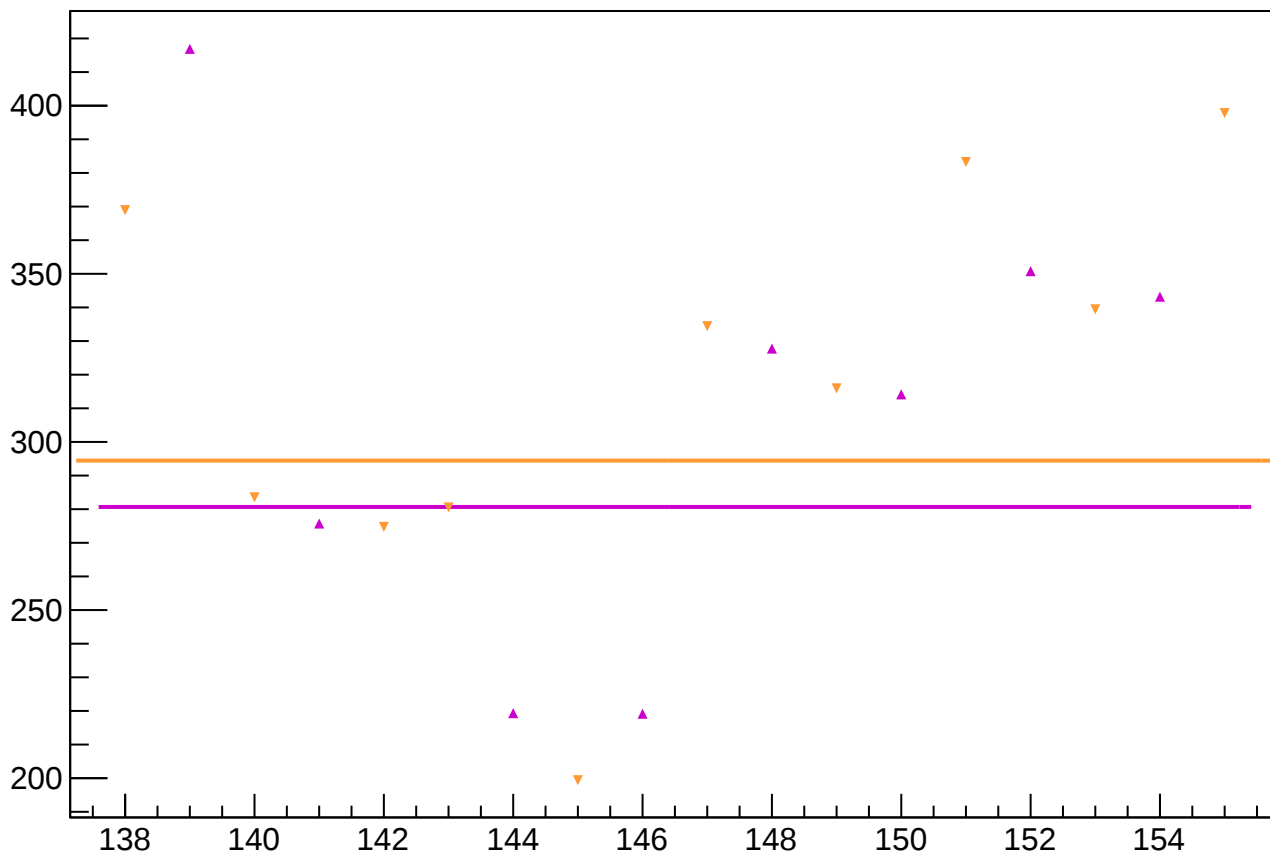
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 37.207+/-112.538 χ^2/NDF : 5.7/7

590.225+/-111.556 χ^2/NDF : 22.9/9

37.207+/-112.538 χ^2/NDF : 5.7/7

asym_sam_1526_avg_rms vs Slug



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

Left Out: 294.446+/-0.079 χ^2/NDF : 661583.4/9

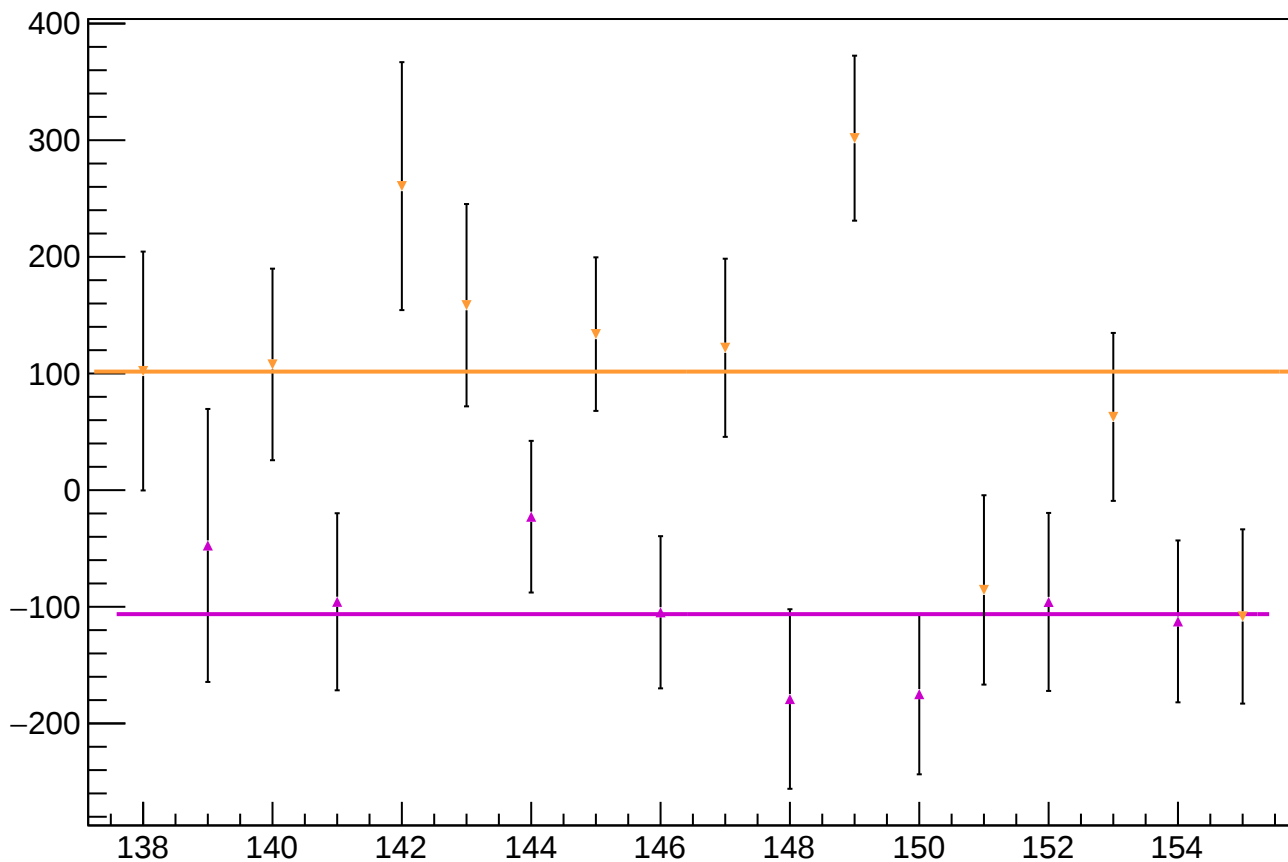
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 280.664+/-0.080 χ^2/NDF : 584304.8/7

294.446+/-0.079 χ^2/NDF : 661583.4/9

280.664+/-0.080 χ^2/NDF : 584304.8/7

reg_asym_sam_3726_avg_mean vs Slug



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

Left Out: 101.635+/-25.068 χ^2/NDF : 24.5/9

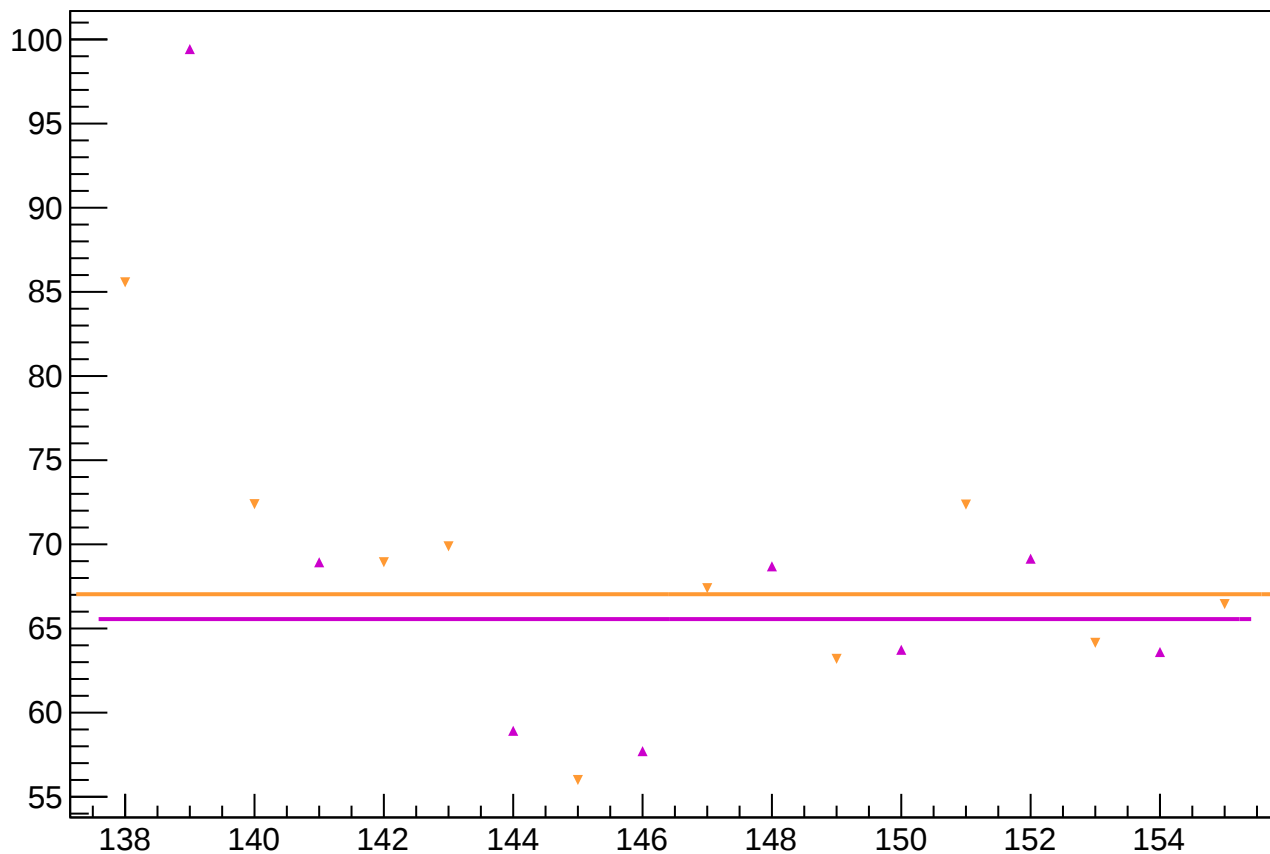
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -106.296+/-26.011 χ^2/NDF : 3.8/7

101.635+/-25.068 χ^2/NDF : 24.5/9

-106.296+/-26.011 χ^2/NDF : 3.8/7

reg_asym_sam_3726_avg_rms vs Slug



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

Left Out: 67.036+/-0.018 χ^2/NDF :150954.4/9

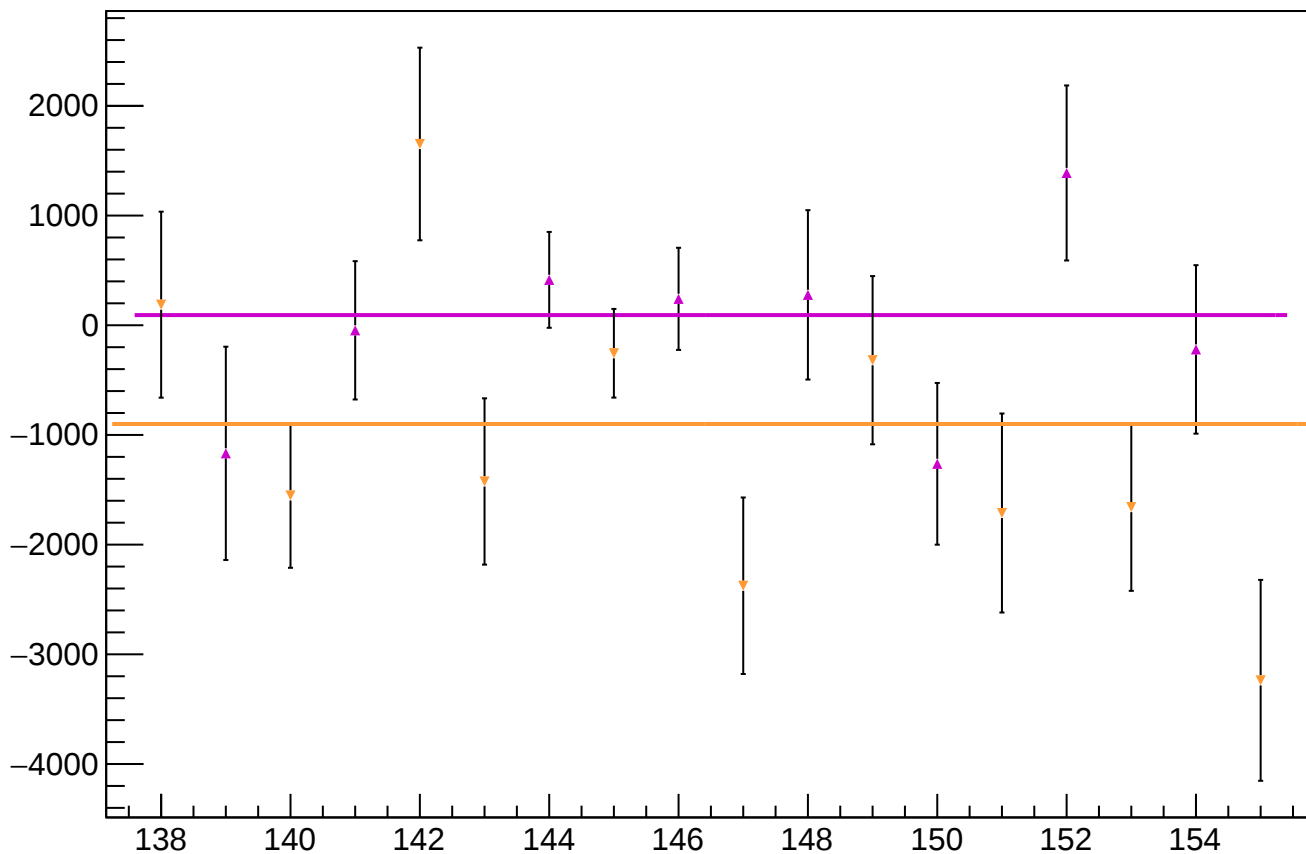
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.558+/-0.018 χ^2/NDF :232006.5/7

67.036+/-0.018 χ^2/NDF : 150954.4/9

65.558+/-0.018 χ^2/NDF : 232006.5/7

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -900.023+/-222.420 χ^2/NDF : 26.3/9

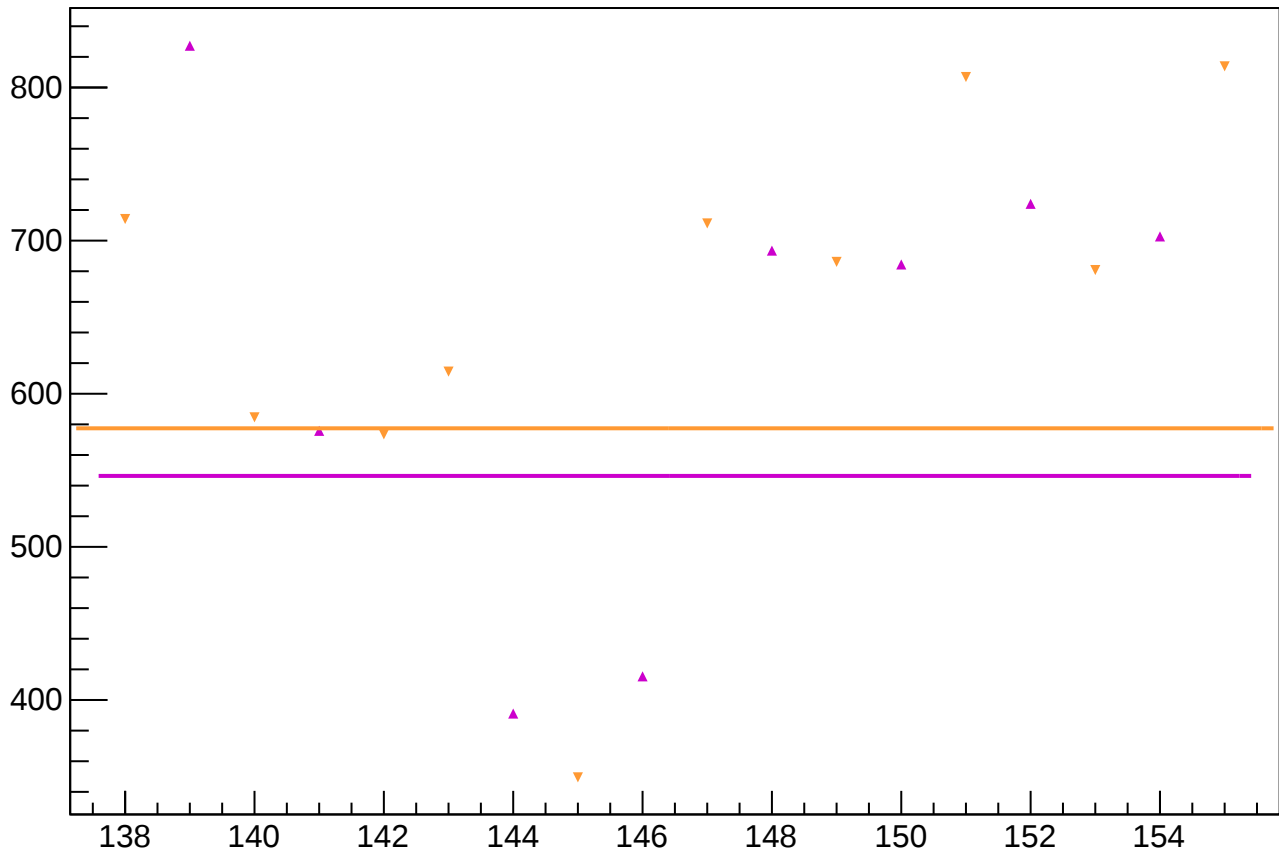
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 92.688+/-222.457 χ^2/NDF : 8.6/7

-900.023+/-222.420 χ^2/NDF : 26.3/9

92.688+/-222.457 χ^2/NDF : 8.6/7

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 577.429+/-0.157 χ^2/NDF : 1086514.0/9

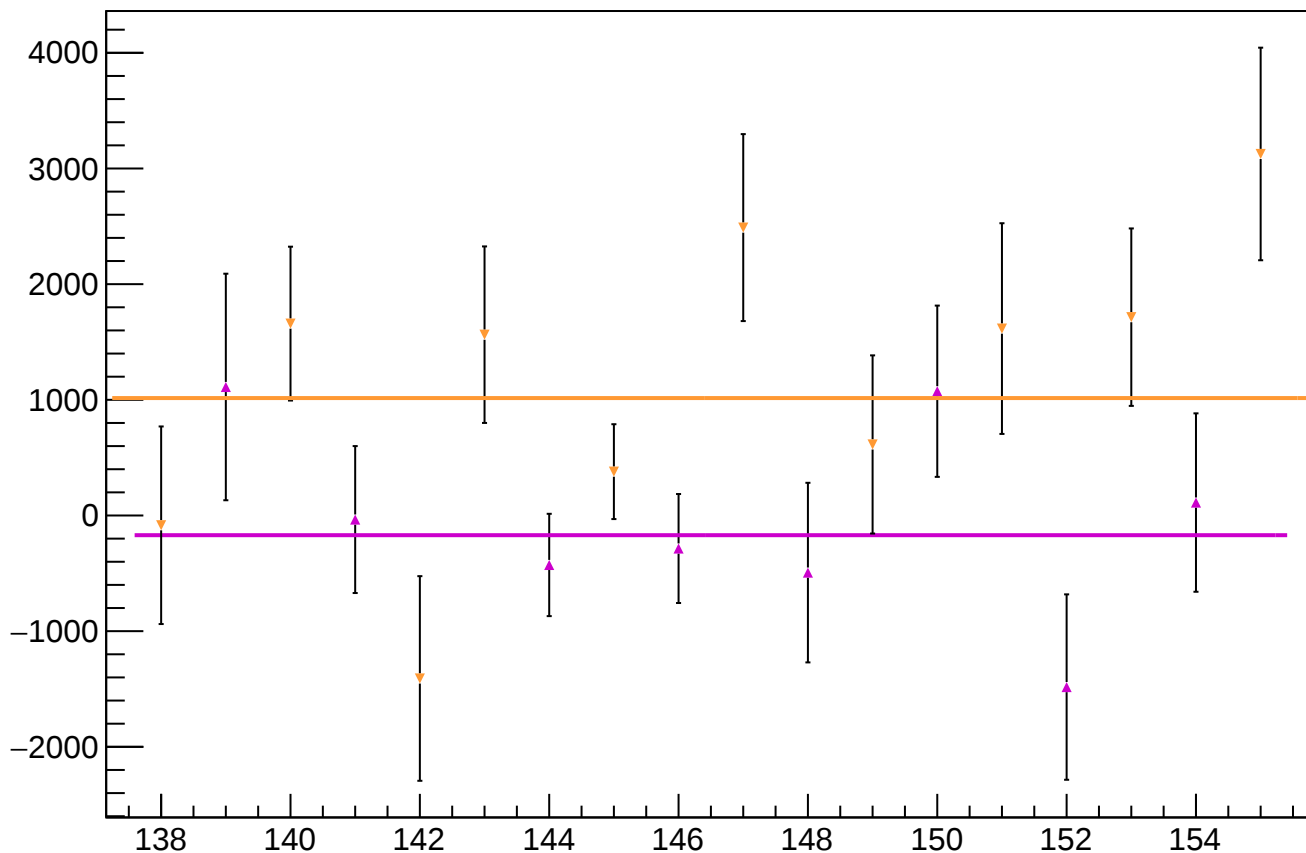
577.429+/-0.157 χ^2/NDF : 1086514.0/9

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

Left In: 546.340+/-0.157 χ^2/NDF : 906700.9/7

546.340+/-0.157 χ^2/NDF : 906700.9/7

asym_sam_3726_avg_mean vs Slug



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

Left Out: 1015.202+/-224.274 χ^2/NDF : 23.2/9

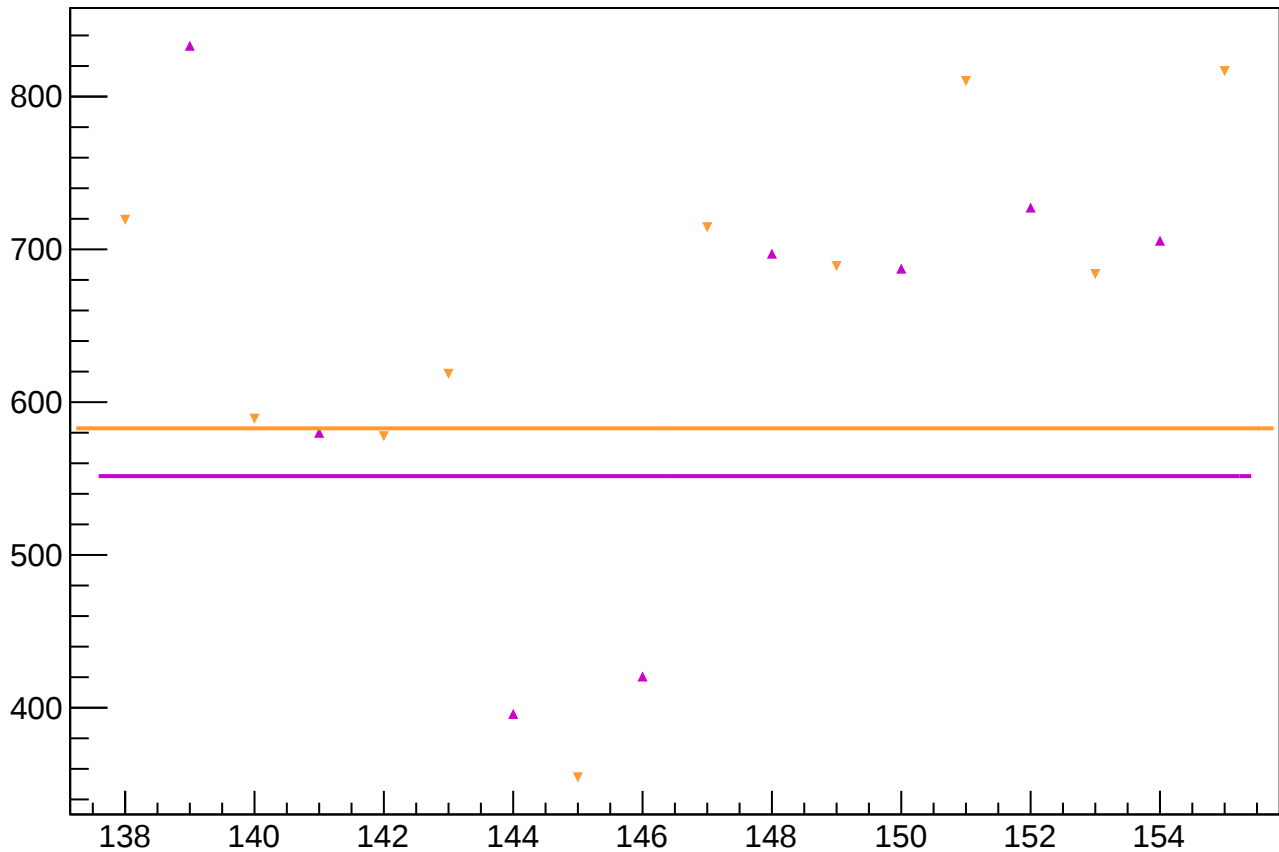
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -170.286+/-224.392 χ^2/NDF : 8.0/7

1015.202+/-224.274 χ^2/NDF : 23.2/9

-170.286+/-224.392 χ^2/NDF : 8.0/7

asym_sam_3726_avg_rms vs Slug



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

Left Out: 582.875+/-0.159 χ^2/NDF : 1056102.2/9

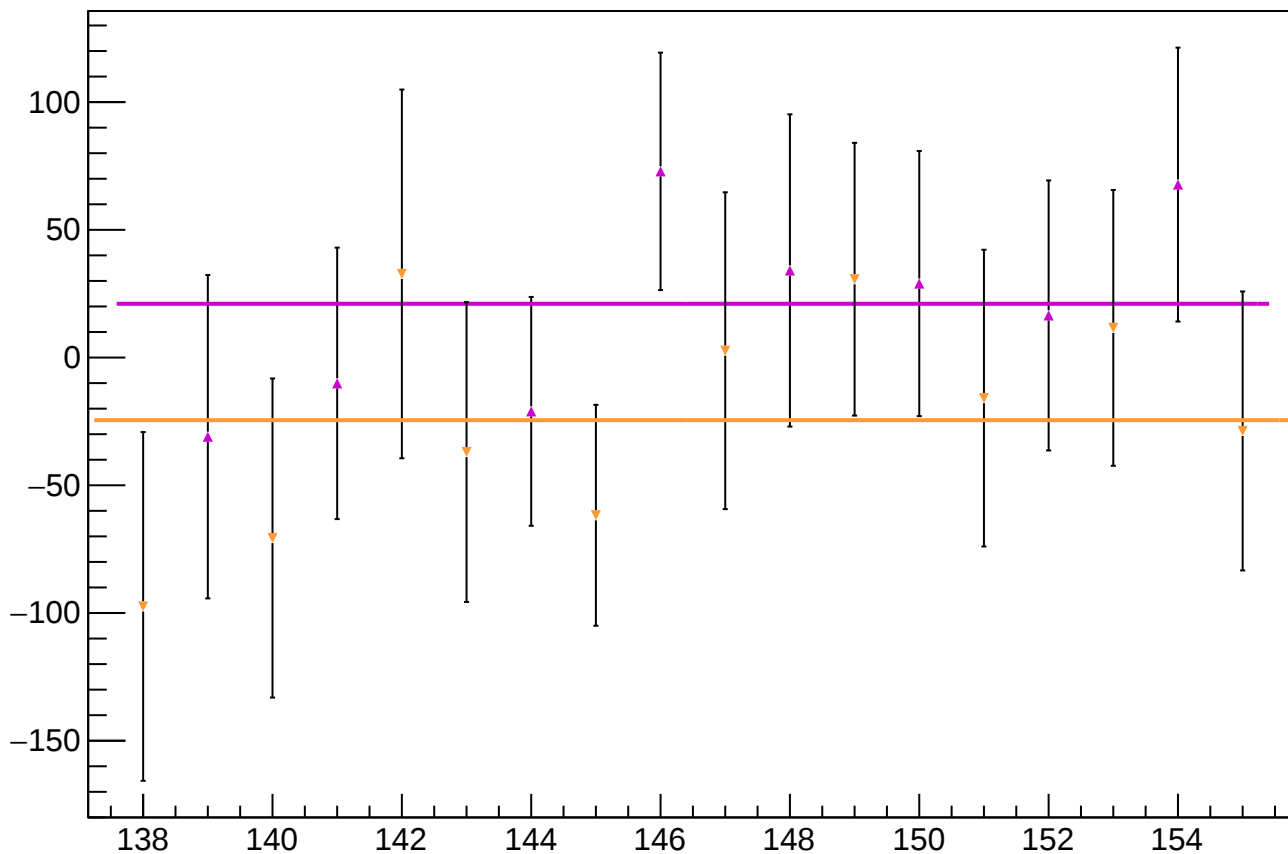
582.875+/-0.159 χ^2/NDF : 1056102.2/9

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

551.597+/-0.159 χ^2/NDF : 885707.4/7

Left In: 551.597+/-0.159 χ^2/NDF : 885707.4/7

reg_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -24.526+/-18.036 χ^2/NDF : 4.8/9

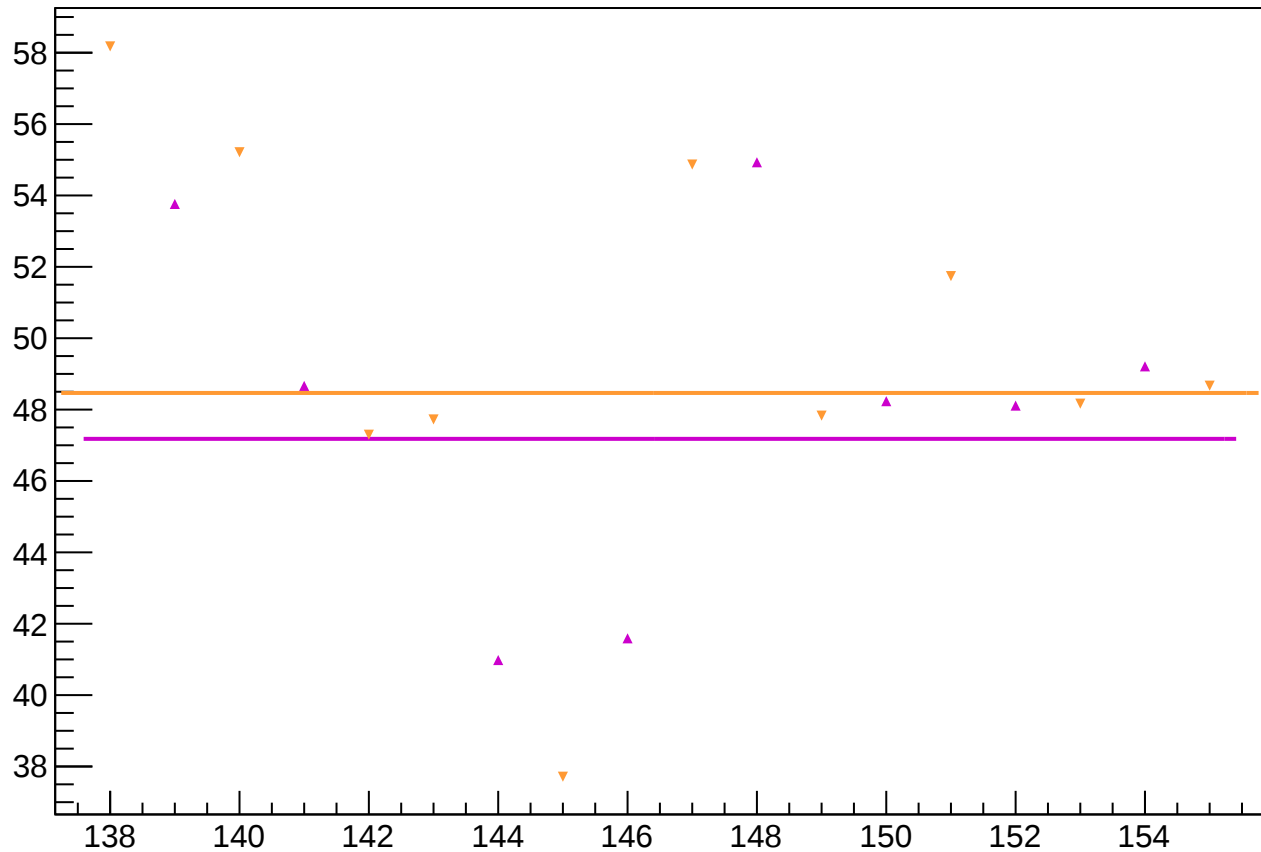
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 21.057+/-18.537 χ^2/NDF : 4.0/7

-24.526+/-18.036 χ^2/NDF : 4.8/9

21.057+/-18.537 χ^2/NDF : 4.0/7

reg_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 48.466+/-0.013 χ^2/NDF :216360.2/9

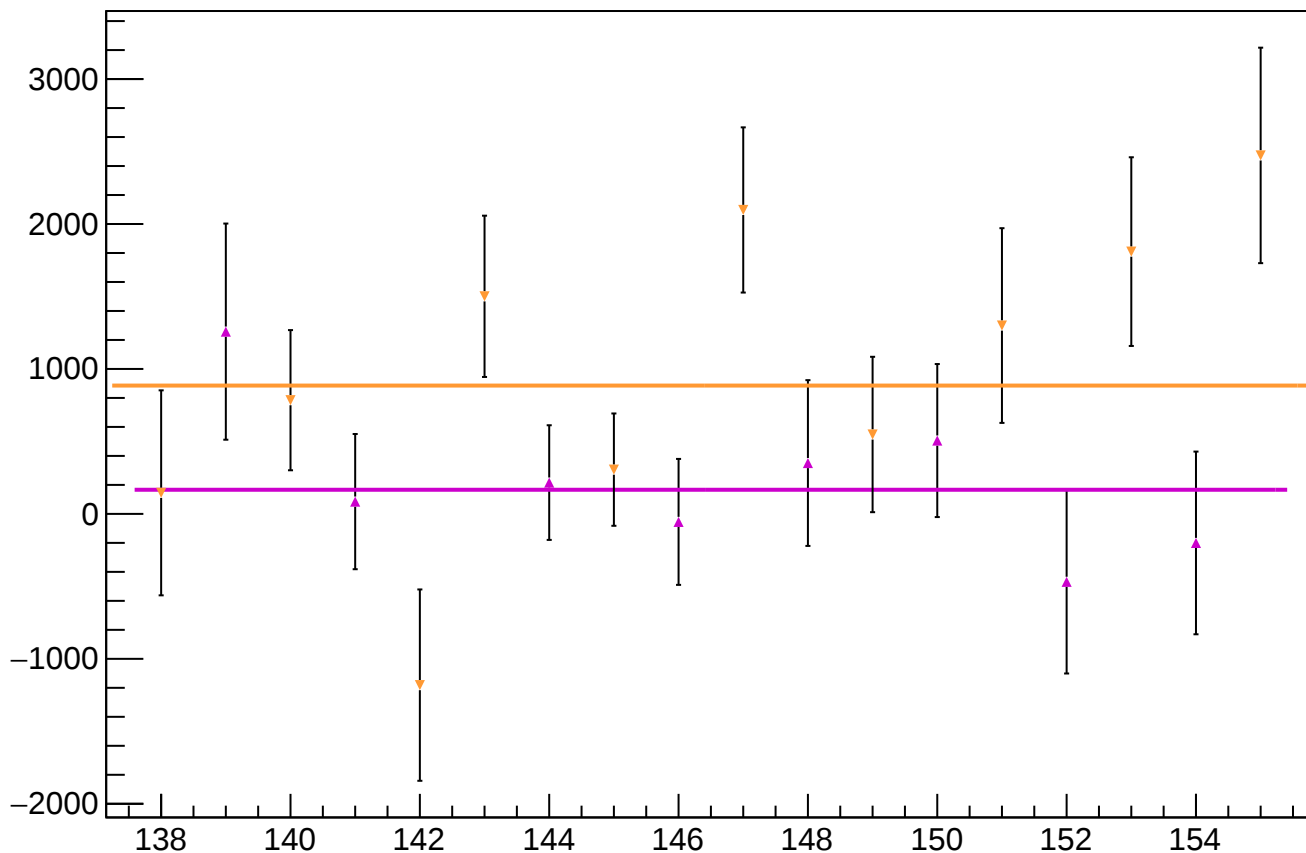
48.466+/-0.013 χ^2/NDF : 216360.2/9

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

47.180+/-0.013 χ^2/NDF : 126874.9/7

Left In: 47.180+/-0.013 χ^2/NDF :126874.9/7

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 885.335+/-178.433 χ^2/NDF : 26.3/9

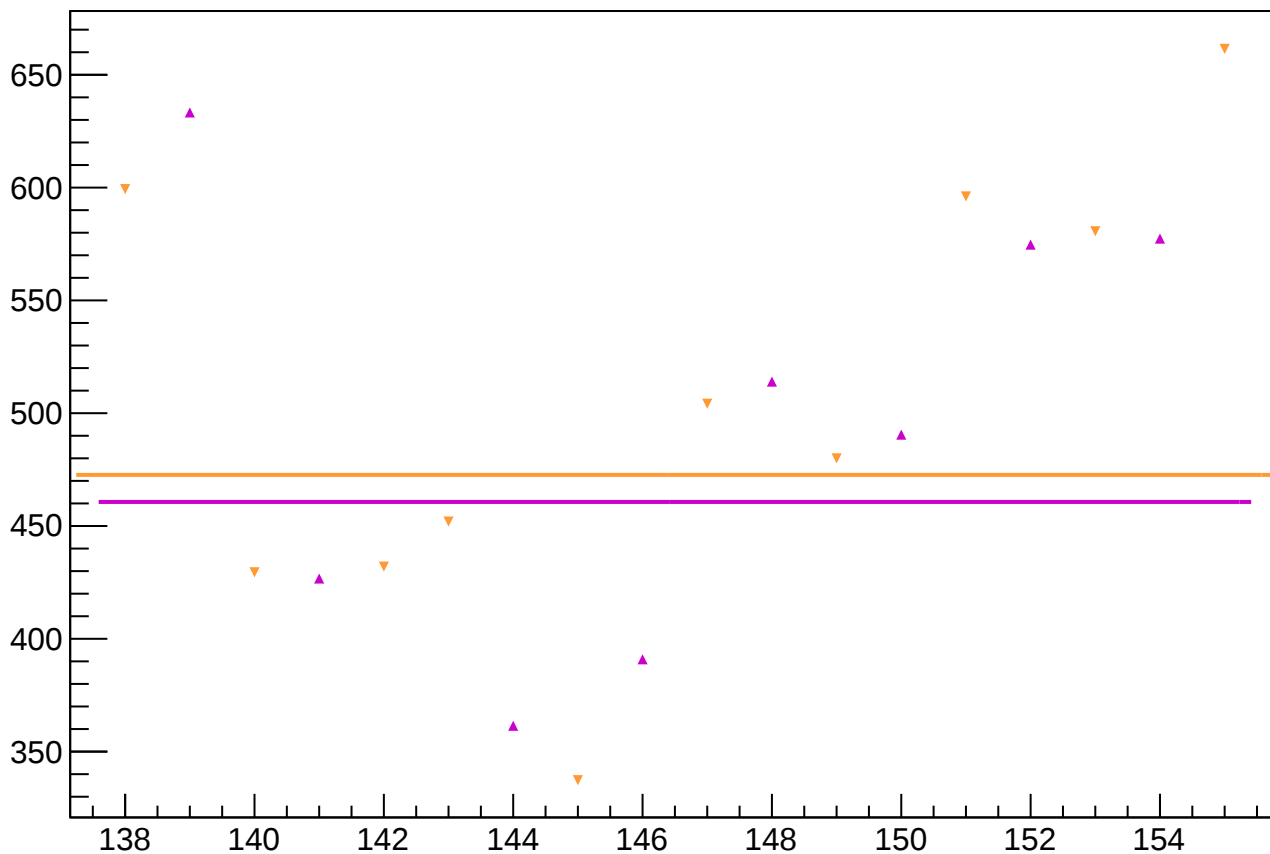
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 166.475+/-183.341 χ^2/NDF : 4.3/7

885.335+/-178.433 χ^2/NDF : 26.3/9

166.475+/-183.341 χ^2/NDF : 4.3/7

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 472.657+/-0.126 χ^2/NDF : 592611.0/9

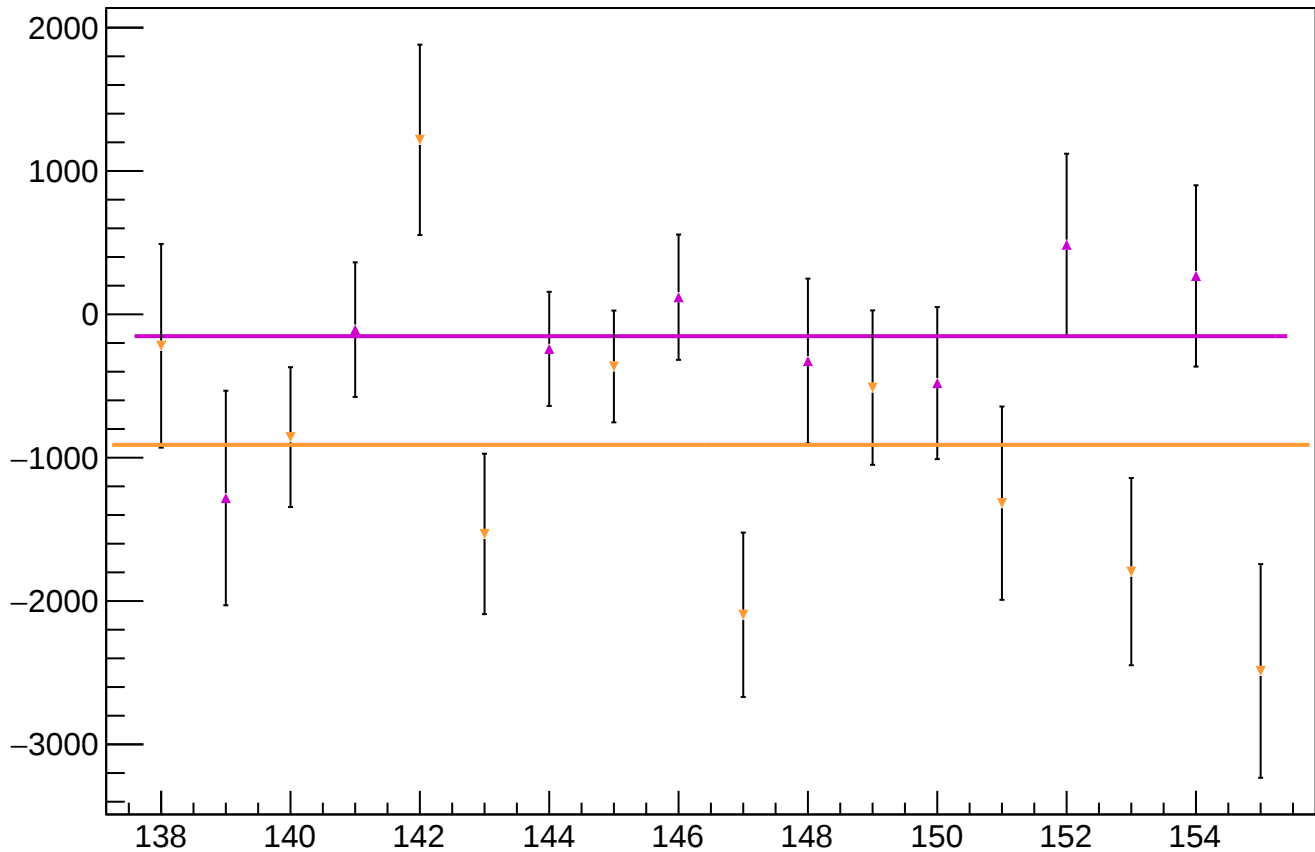
472.657+/-0.126 χ^2/NDF : 592611.0/9

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

460.667+/-0.130 χ^2/NDF : 452663.3/7

Left In: 460.667+/-0.130 χ^2/NDF : 452663.3/7

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -910.588+/-179.447 χ^2/NDF : 25.9/9

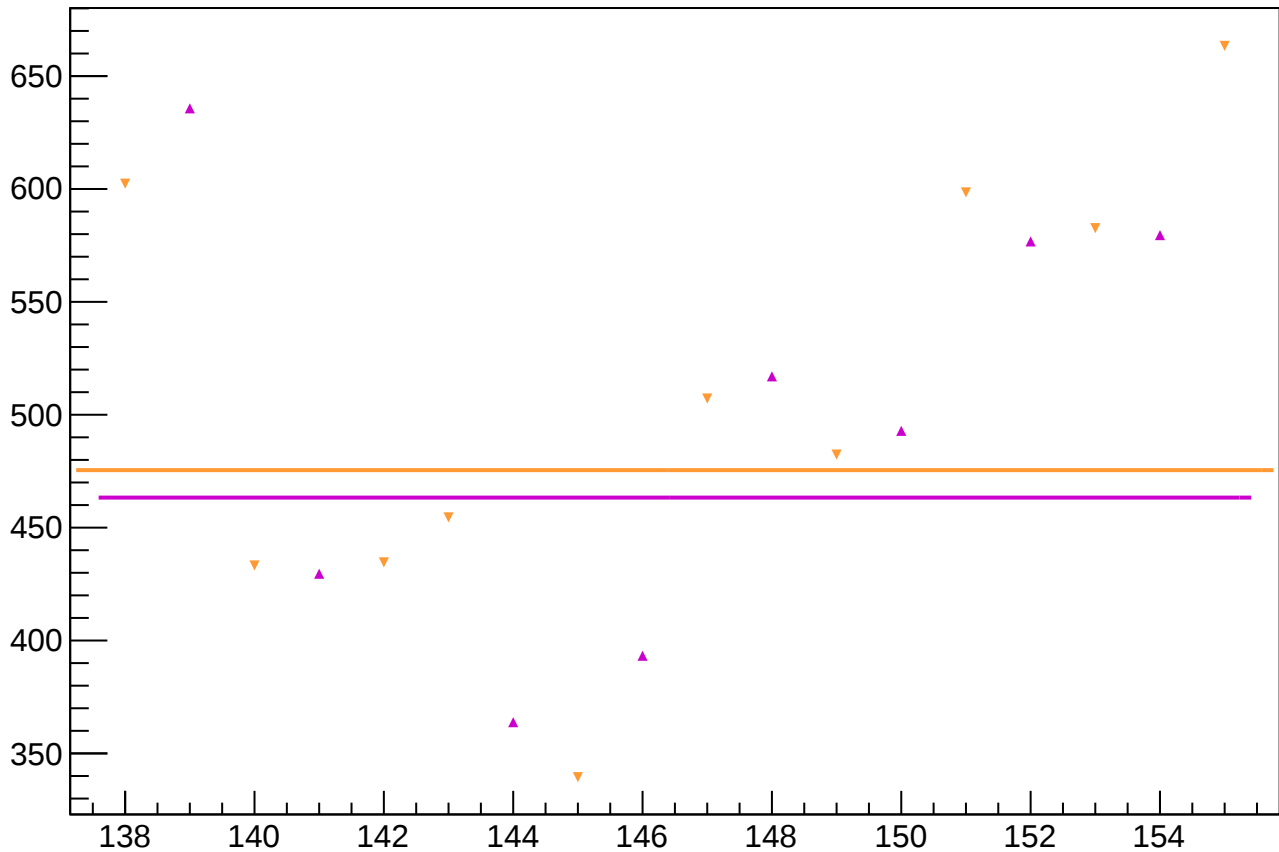
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -152.247+/-184.352 χ^2/NDF : 4.6/7

-910.588+/-179.447 χ^2/NDF : 25.9/9

-152.247+/-184.352 χ^2/NDF : 4.6/7

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 475.469+/-0.127 χ^2/NDF : 586390.8/9

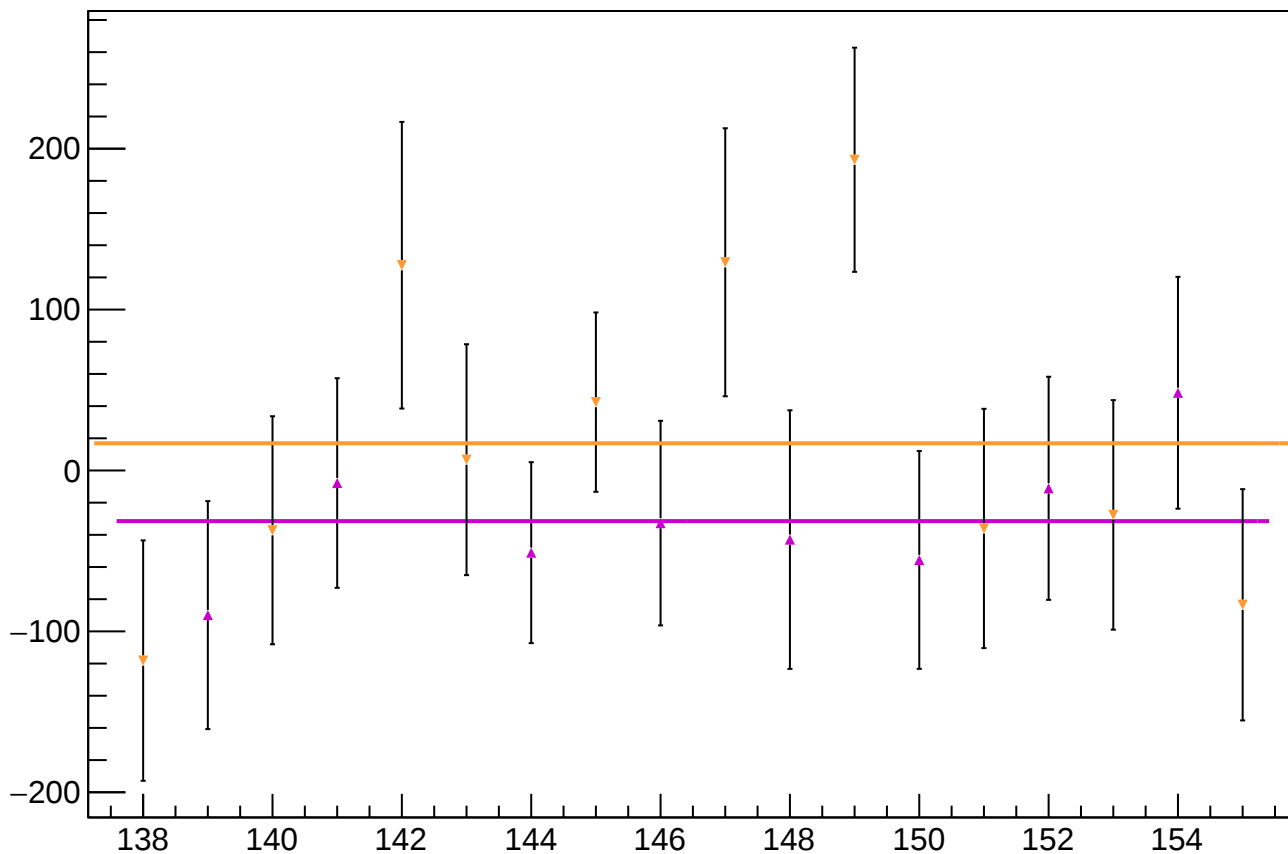
475.469+/-0.127 χ^2/NDF : 586390.8/9

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

463.310+/-0.130 χ^2/NDF : 447835.1/7

Left In: 463.310+/-0.130 χ^2/NDF : 447835.1/7

reg_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 16.913+/-22.694 χ^2/NDF : 16.7/9

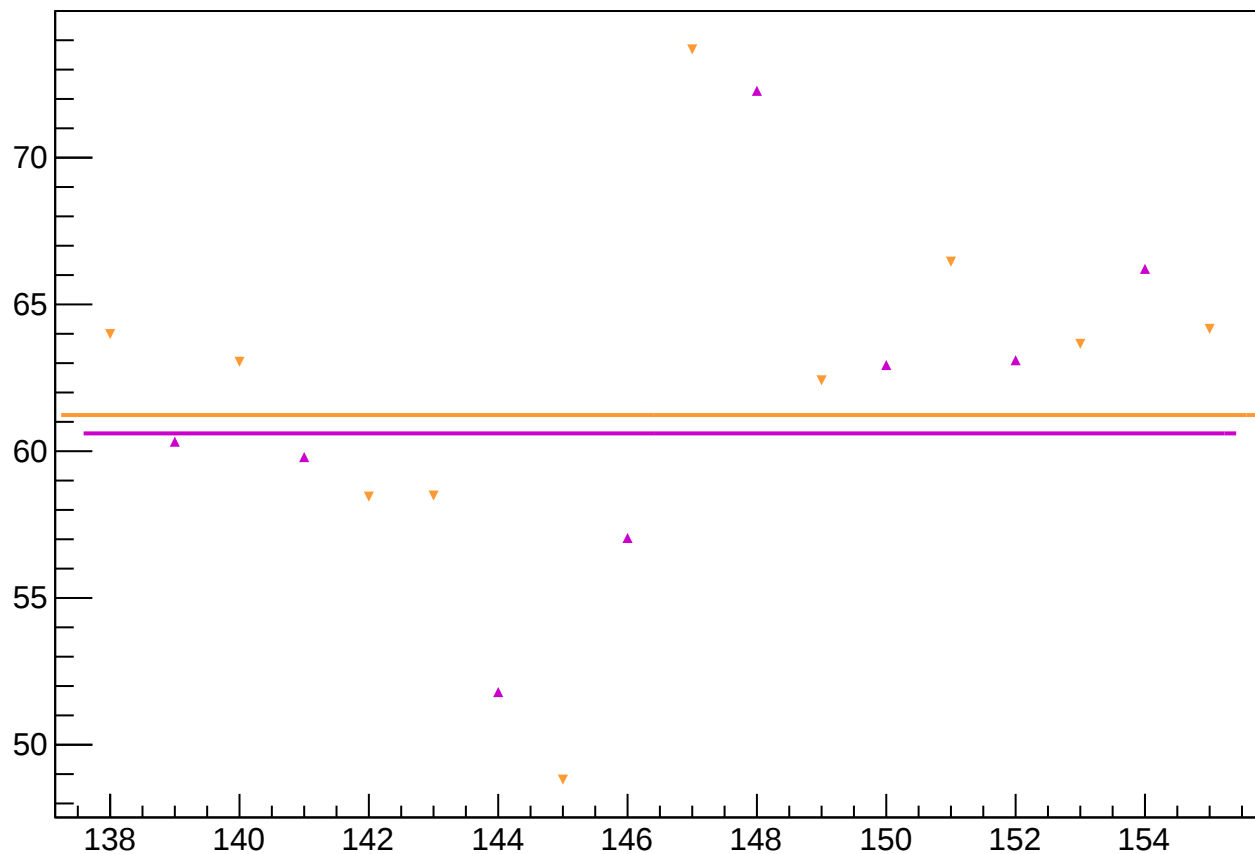
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.470+/-23.754 χ^2/NDF : 2.4/7

16.913+/-22.694 χ^2/NDF : 16.7/9

-31.470+/-23.754 χ^2/NDF : 2.4/7

reg_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 61.232+/-0.016 χ^2/NDF :169081.3/9

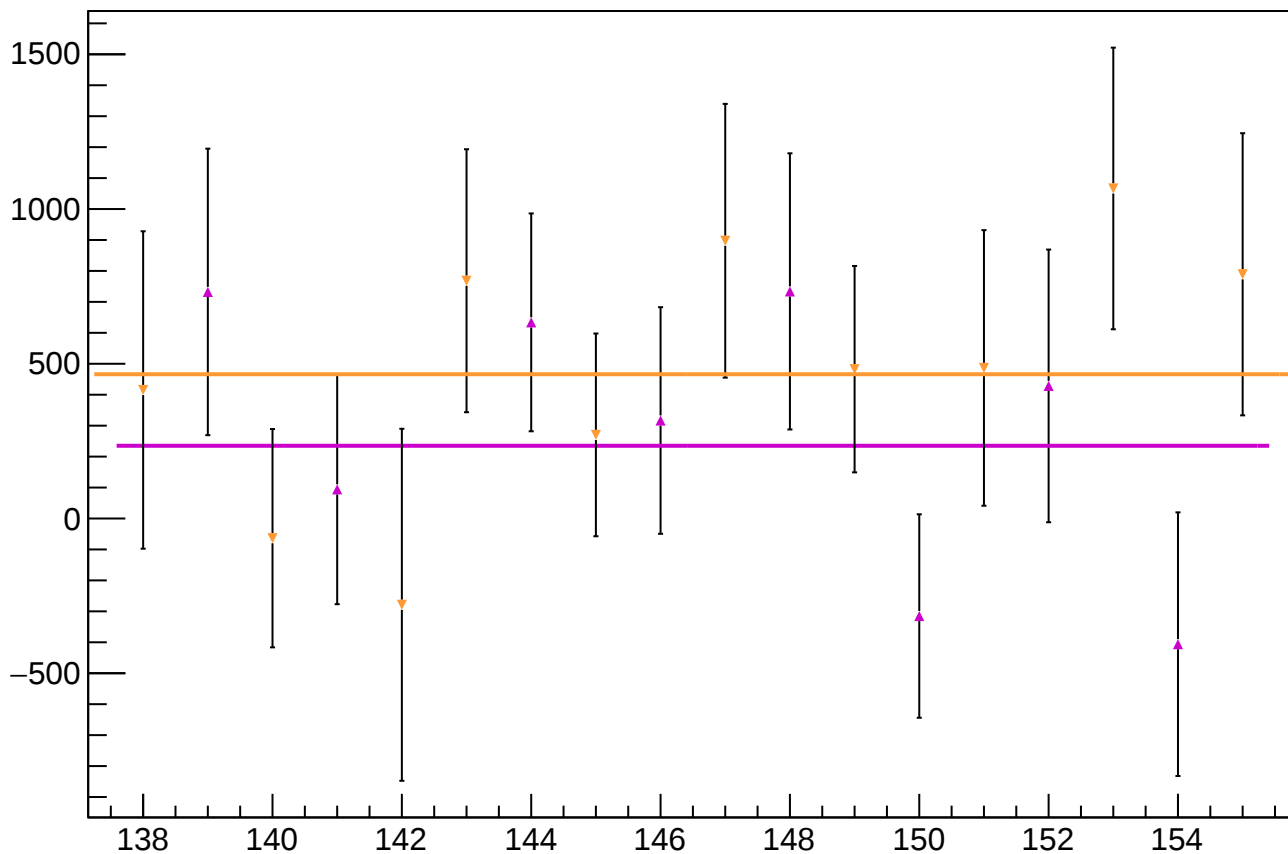
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 60.607+/-0.017 χ^2/NDF :114965.2/7

61.232+/-0.016 χ^2/NDF : 169081.3/9

60.607+/-0.017 χ^2/NDF : 114965.2/7

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 466.181+/-130.657 χ^2/NDF : 8.0/9

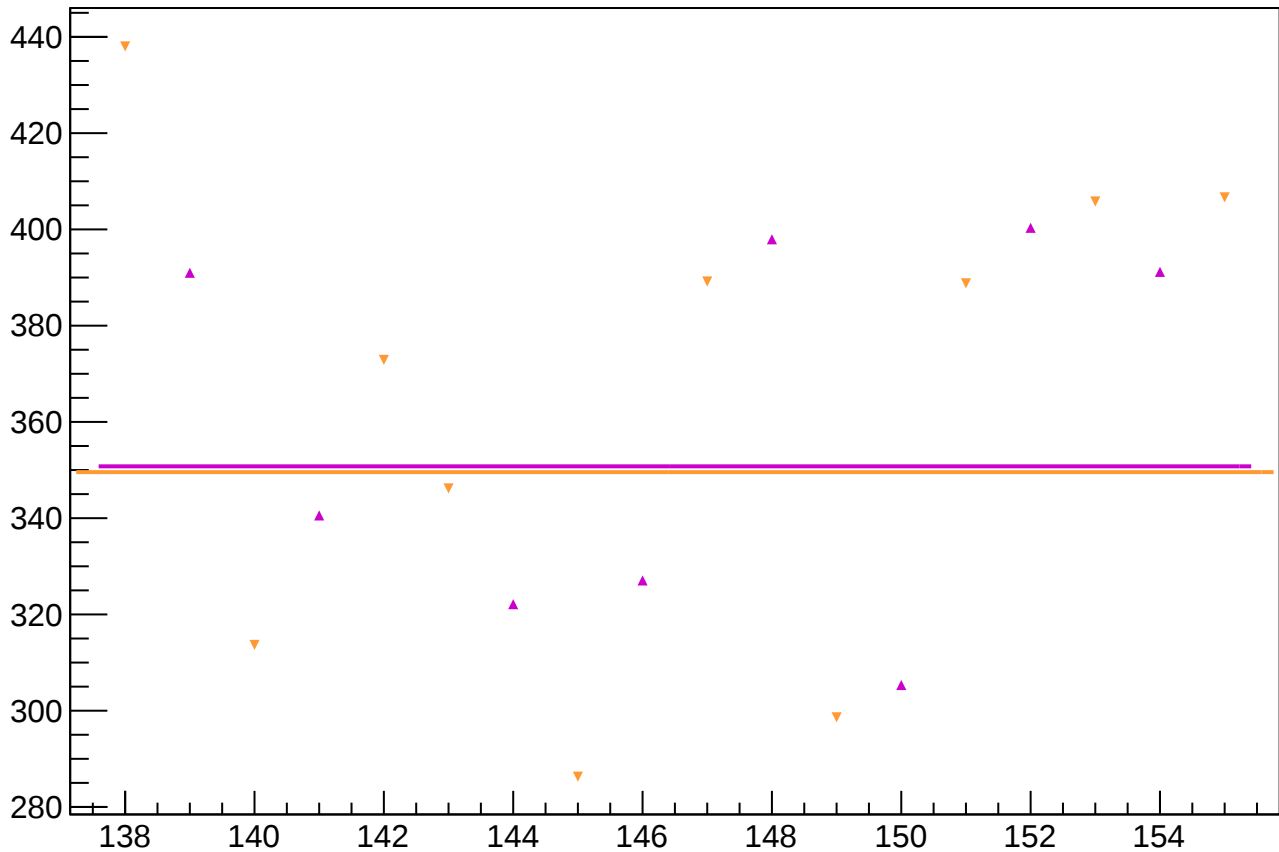
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 235.058+/-138.145 χ^2/NDF : 9.1/7

466.181+/-130.657 χ^2/NDF : 8.0/9

235.058+/-138.145 χ^2/NDF : 9.1/7

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 349.569+/-0.092 χ^2/NDF : 298490.0/9

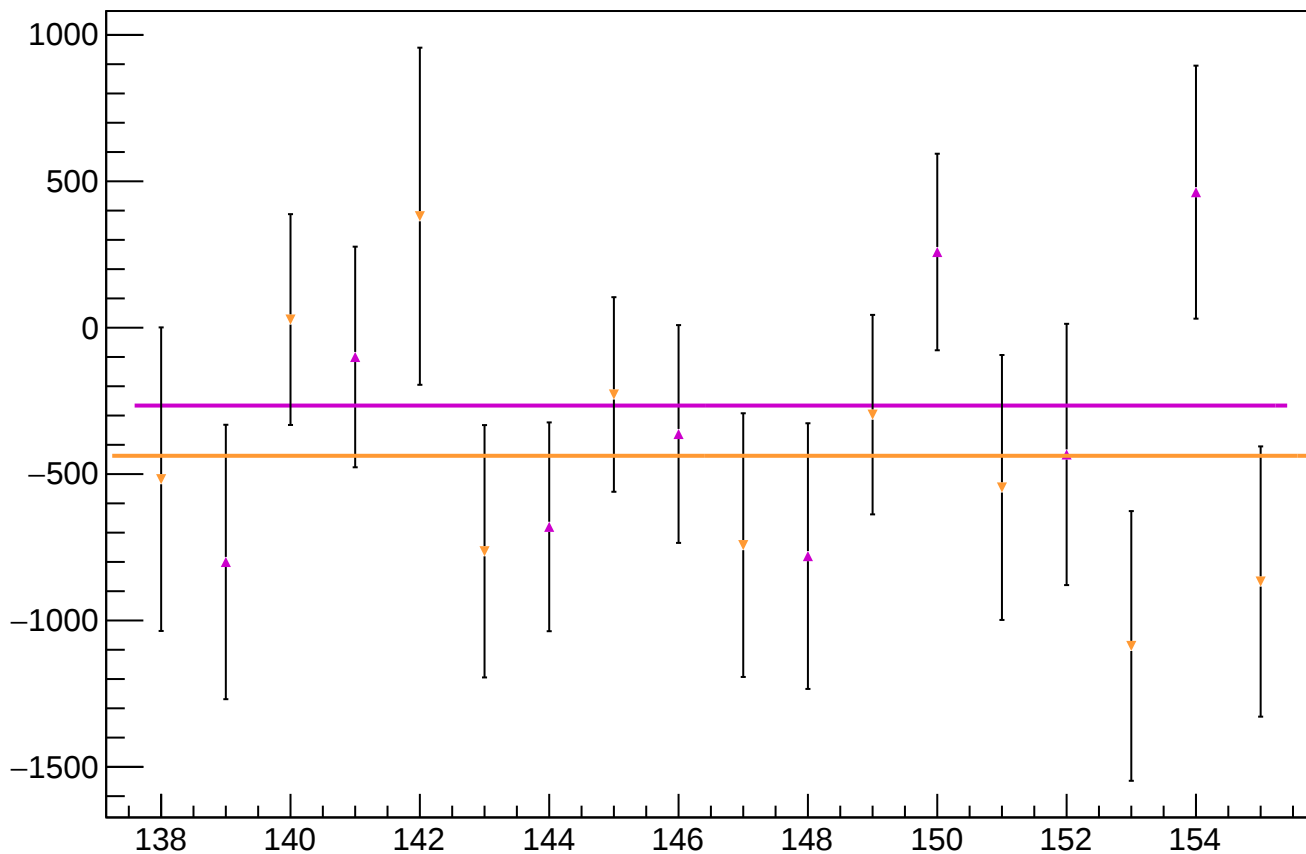
349.569+/-0.092 χ^2/NDF : 298490.0/9

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

350.773+/-0.098 χ^2/NDF : 142107.1/7

Left In: 350.773+/-0.098 χ^2/NDF : 142107.1/7

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -437.470+/-132.769 χ^2/NDF : 8.2/9

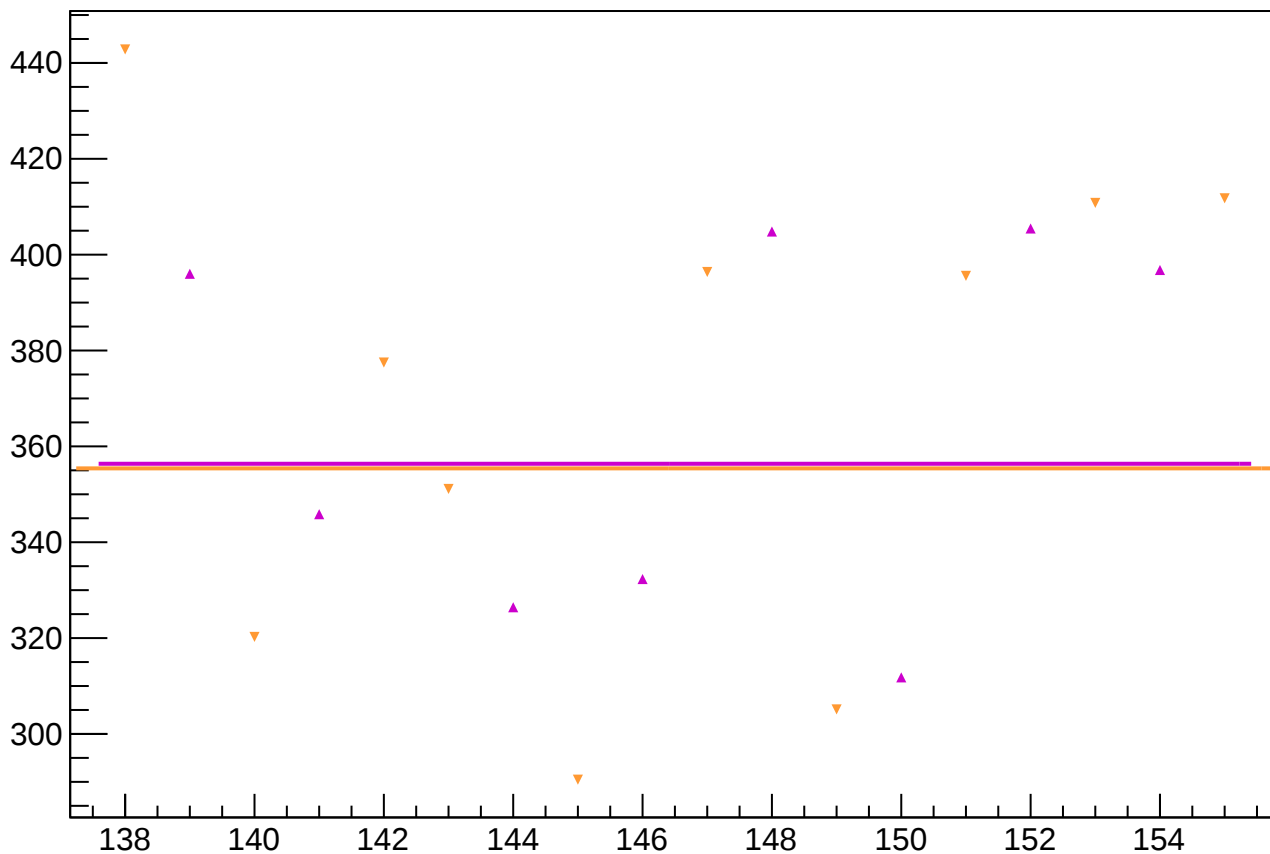
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -265.930+/-140.299 χ^2/NDF : 9.6/7

-437.470+/-132.769 χ^2/NDF : 8.2/9

-265.930+/-140.299 χ^2/NDF : 9.6/7

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 355.409+/-0.094 χ^2/NDF : 290111.8/9

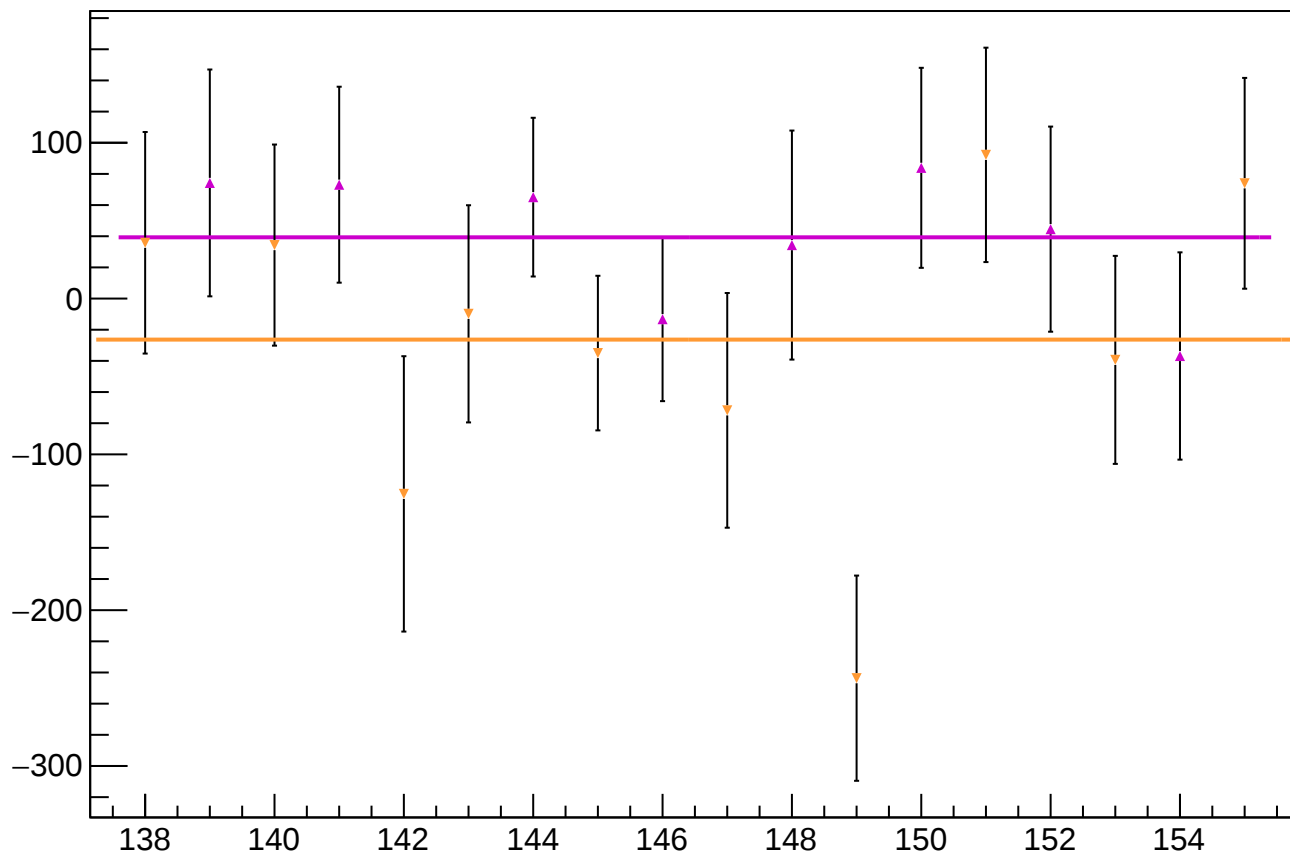
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 356.372+/-0.099 χ^2/NDF : 138122.8/7

355.409+/-0.094 χ^2/NDF : 290111.8/9

356.372+/-0.099 χ^2/NDF : 138122.8/7

reg_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -26.340+/-21.134 χ^2/NDF : 19.4/9

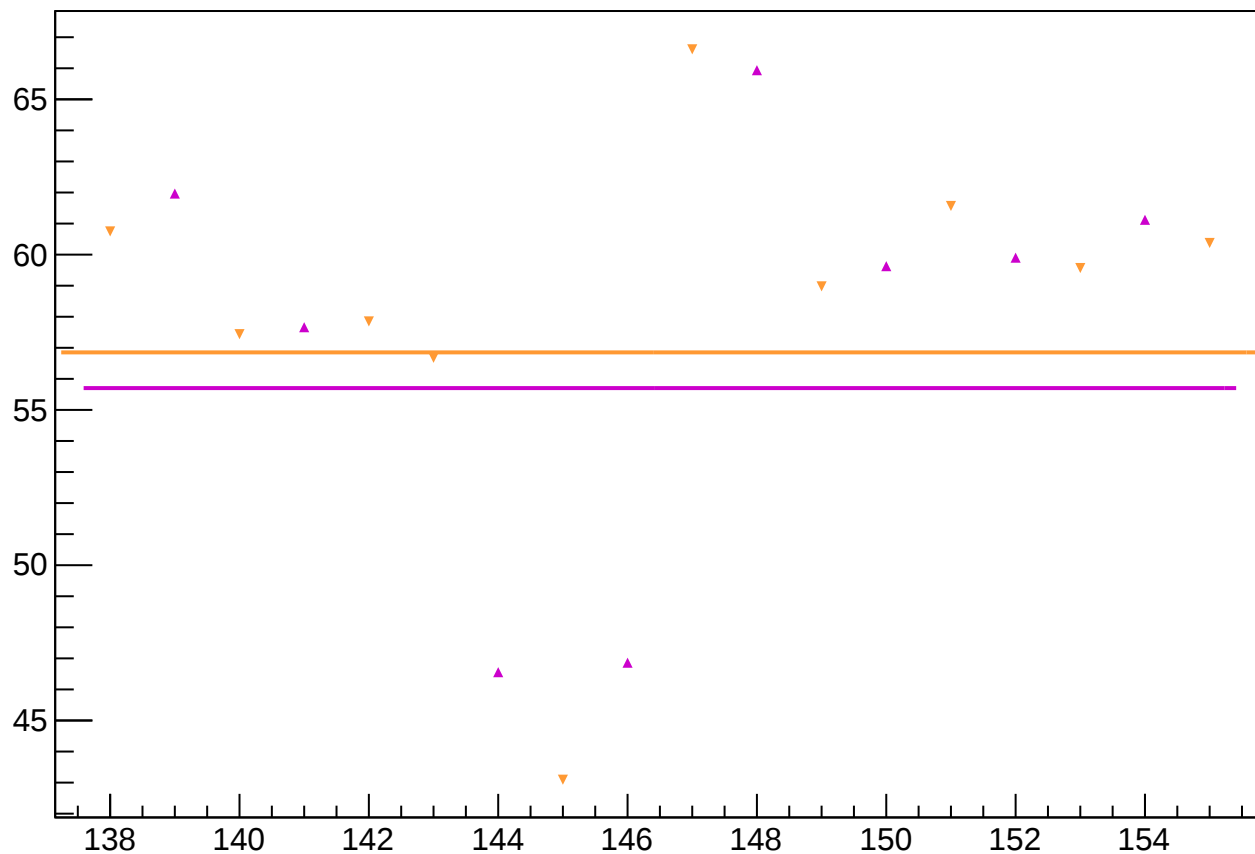
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.308+/-21.964 χ^2/NDF : 3.6/7

-26.340+/-21.134 χ^2/NDF : 19.4/9

39.308+/-21.964 χ^2/NDF : 3.6/7

reg_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 56.852+/-0.015 χ^2/NDF : 213997.0/9

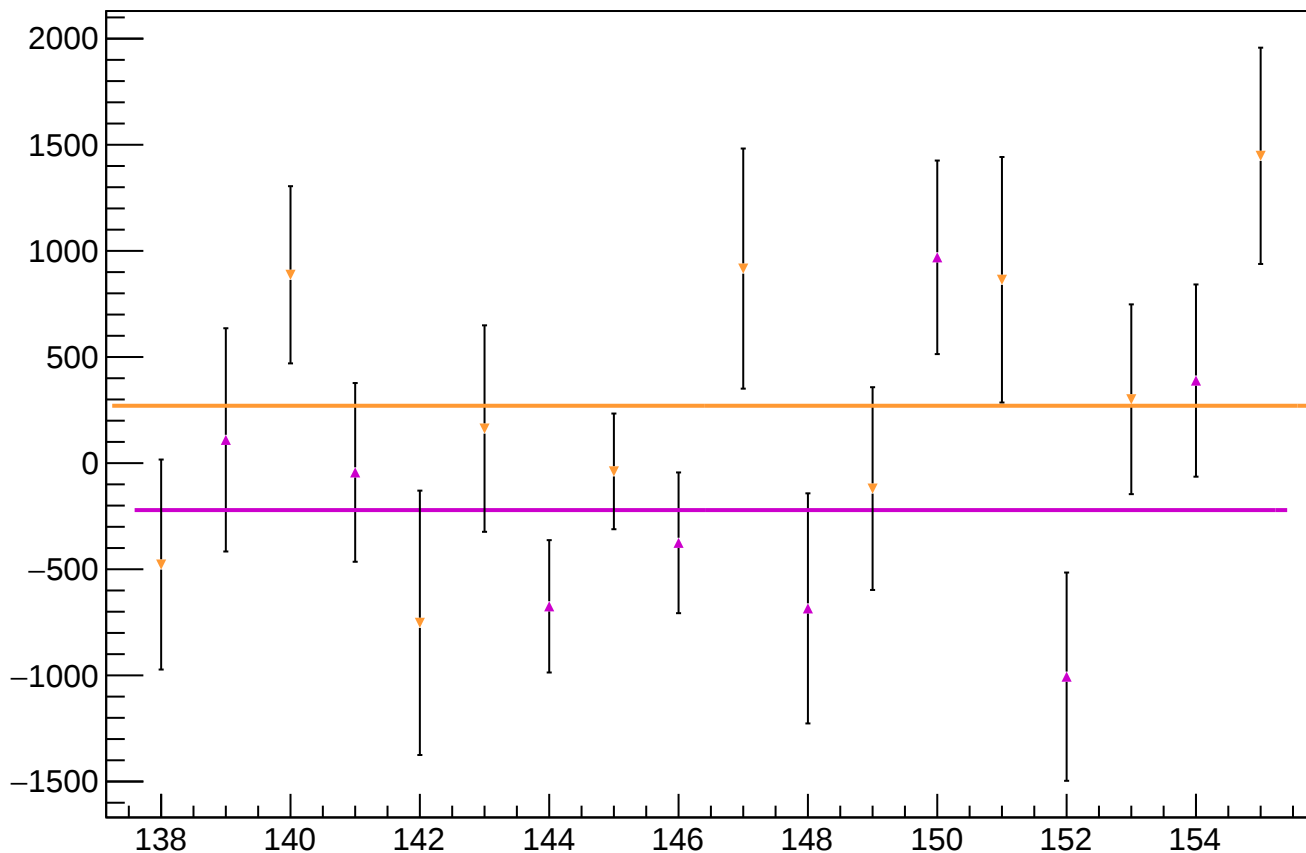
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 55.703+/-0.016 χ^2/NDF : 205421.9/7

56.852+/-0.015 χ^2/NDF : 213997.0/9

55.703+/-0.016 χ^2/NDF : 205421.9/7

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 270.378+/-142.211 χ^2/NDF : 16.9/9

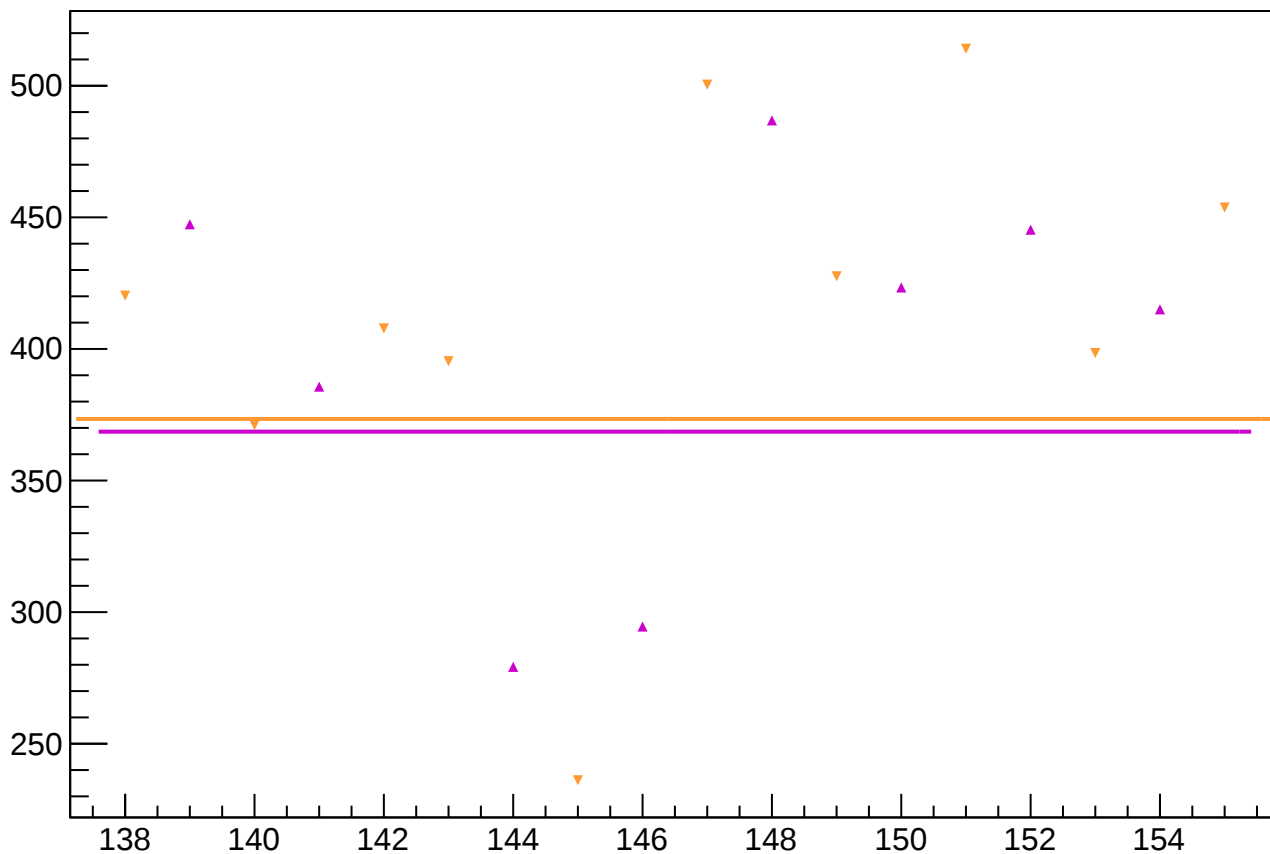
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -221.215+/-147.629 χ^2/NDF : 14.8/7

270.378+/-142.211 χ^2/NDF : 16.9/9

-221.215+/-147.629 χ^2/NDF : 14.8/7

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 373.408+/-0.101 χ^2/NDF : 836656.7/9

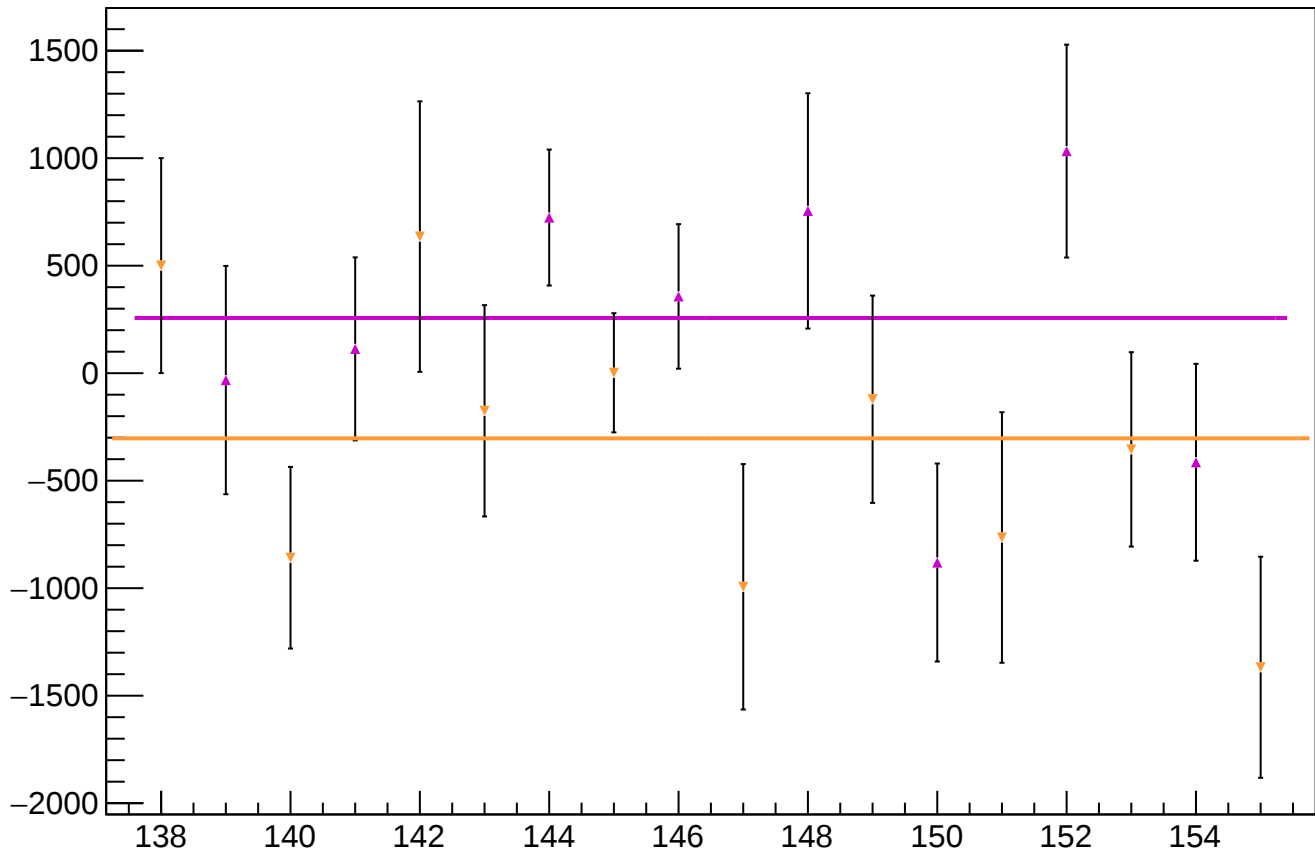
373.408+/-0.101 χ^2/NDF : 836656.7/9

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

368.578+/-0.104 χ^2/NDF : 506362.9/7

Left In: 368.578+/-0.104 χ^2/NDF : 506362.9/7

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -303.024 $\pm$ 143.906 χ^2 /NDF:14.4/9

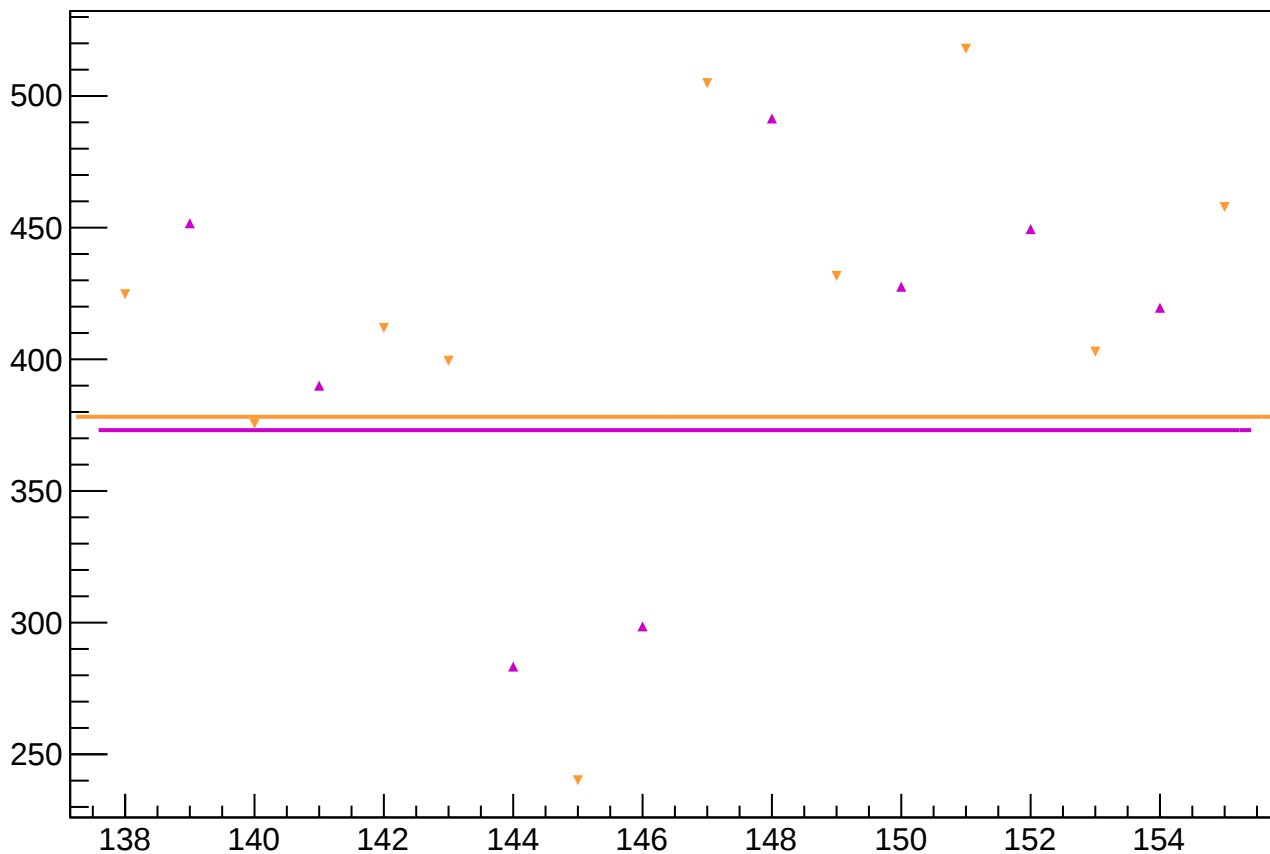
-303.024 $\pm$ 143.906 χ^2 /NDF: 14.4/9

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

256.828 $\pm$ 149.358 χ^2 /NDF: 14.2/7

Left In: 256.828 $\pm$ 149.358 χ^2 /NDF:14.2/7

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 378.180+/-0.102 χ^2/NDF :815478.9/9

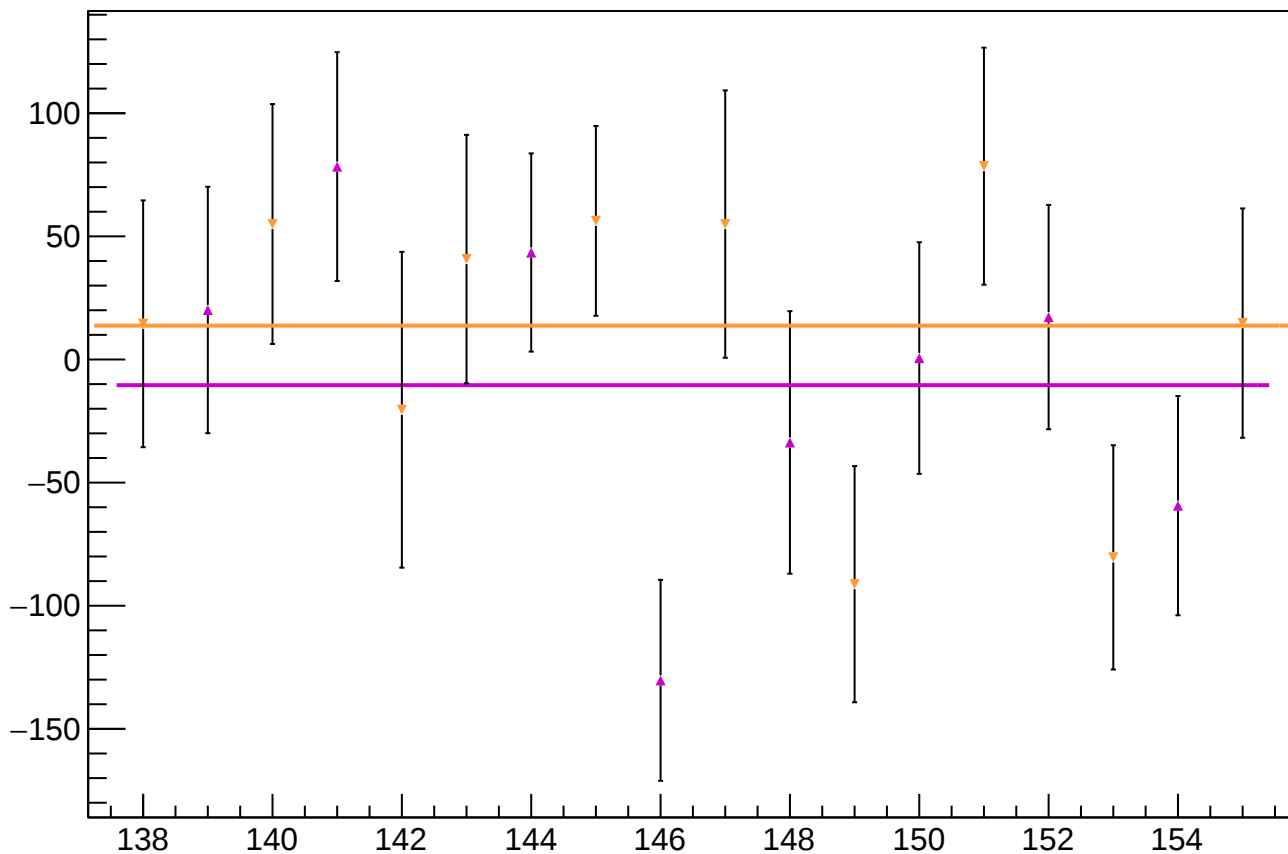
378.180+/-0.102 χ^2/NDF : 815478.9/9

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

Left In: 373.101+/-0.106 χ^2/NDF :496276.1/7

373.101+/-0.106 χ^2/NDF : 496276.1/7

reg_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 13.742+/-15.288 χ^2/NDF :14.0/9

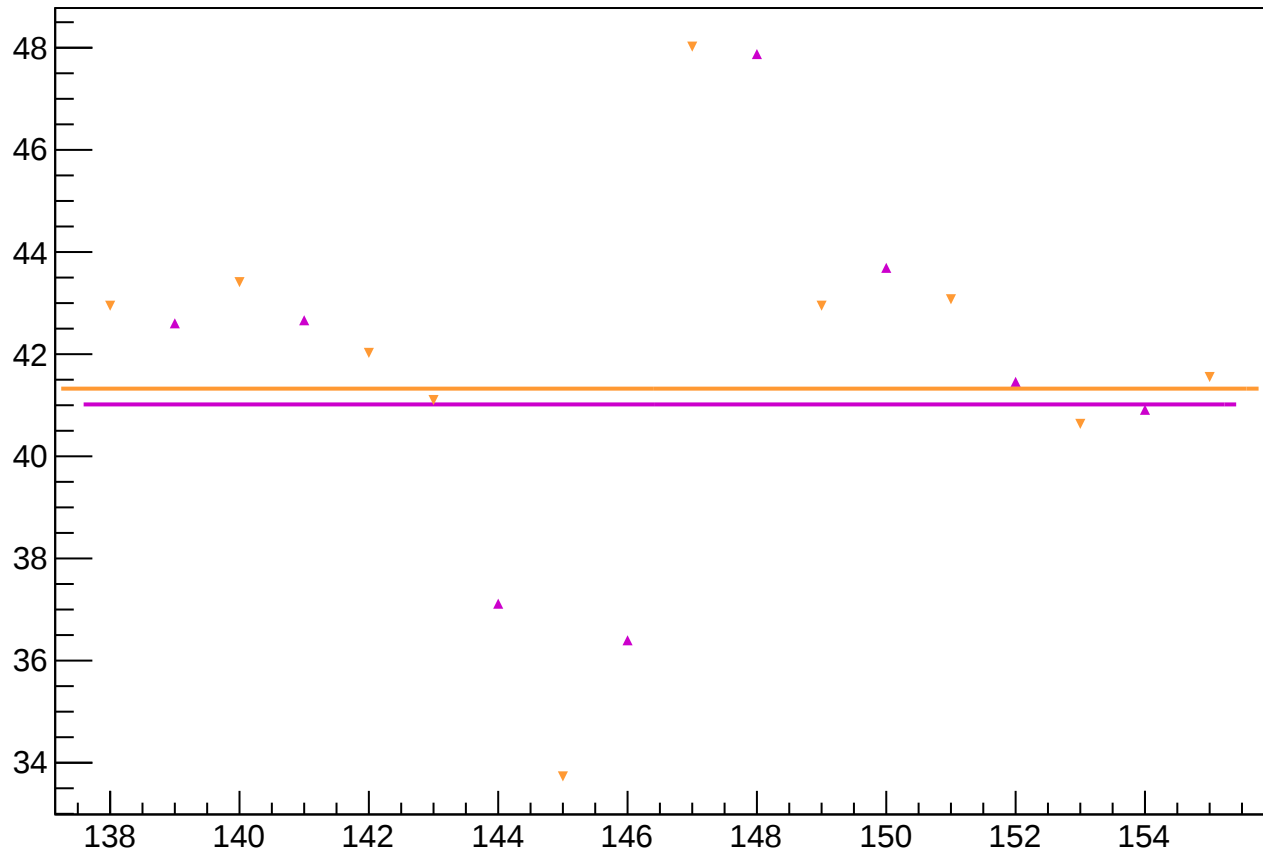
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.428+/-16.072 χ^2/NDF :16.3/7

13.742+/-15.288 χ^2/NDF : 14.0/9

-10.428+/-16.072 χ^2/NDF : 16.3/7

reg_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 41.325+/-0.011 χ^2/NDF : 119537.5/9

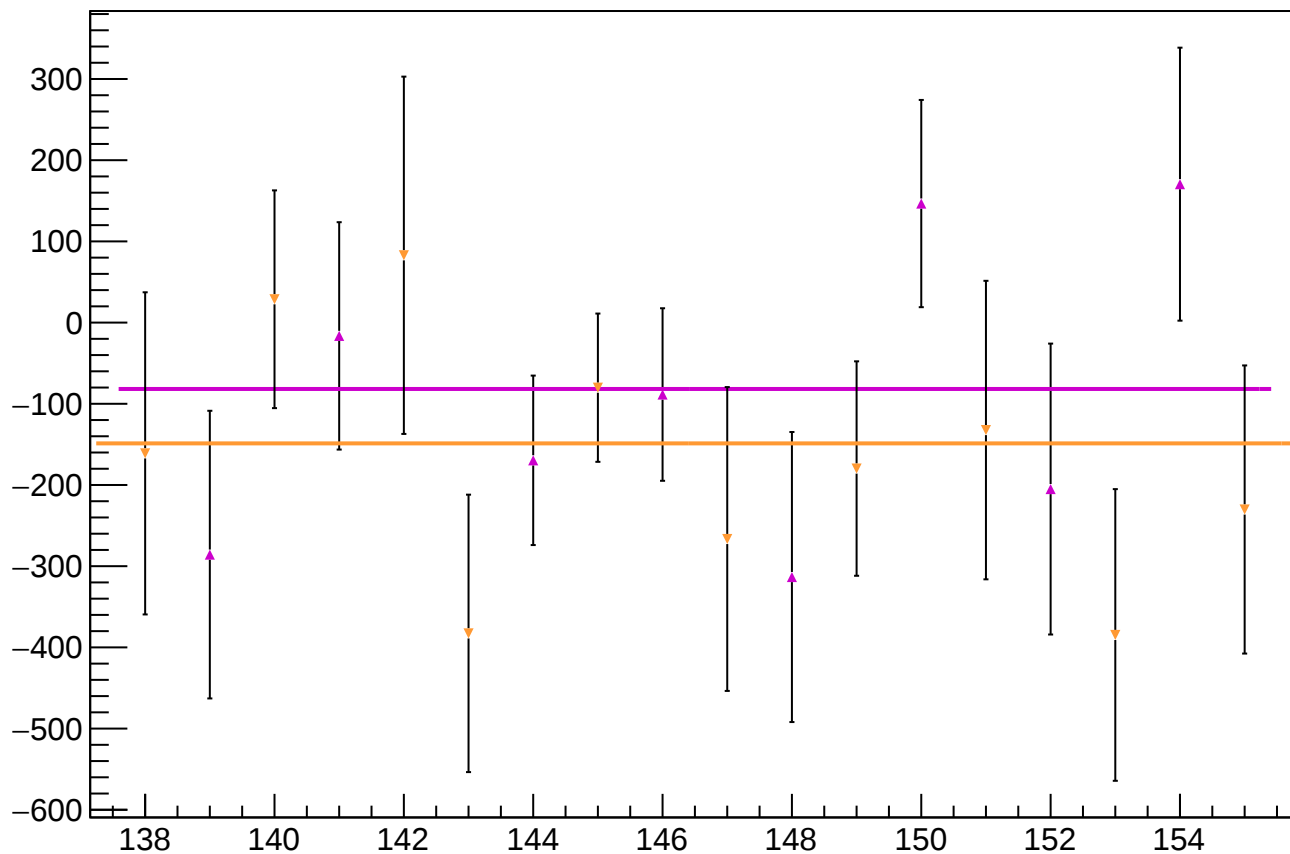
41.325+/-0.011 χ^2/NDF : 119537.5/9

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

Left In: 41.016+/-0.011 χ^2/NDF : 88741.9/7

41.016+/-0.011 χ^2/NDF : 88741.9/7

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -148.763+/-47.991 χ^2/NDF : 7.7/9

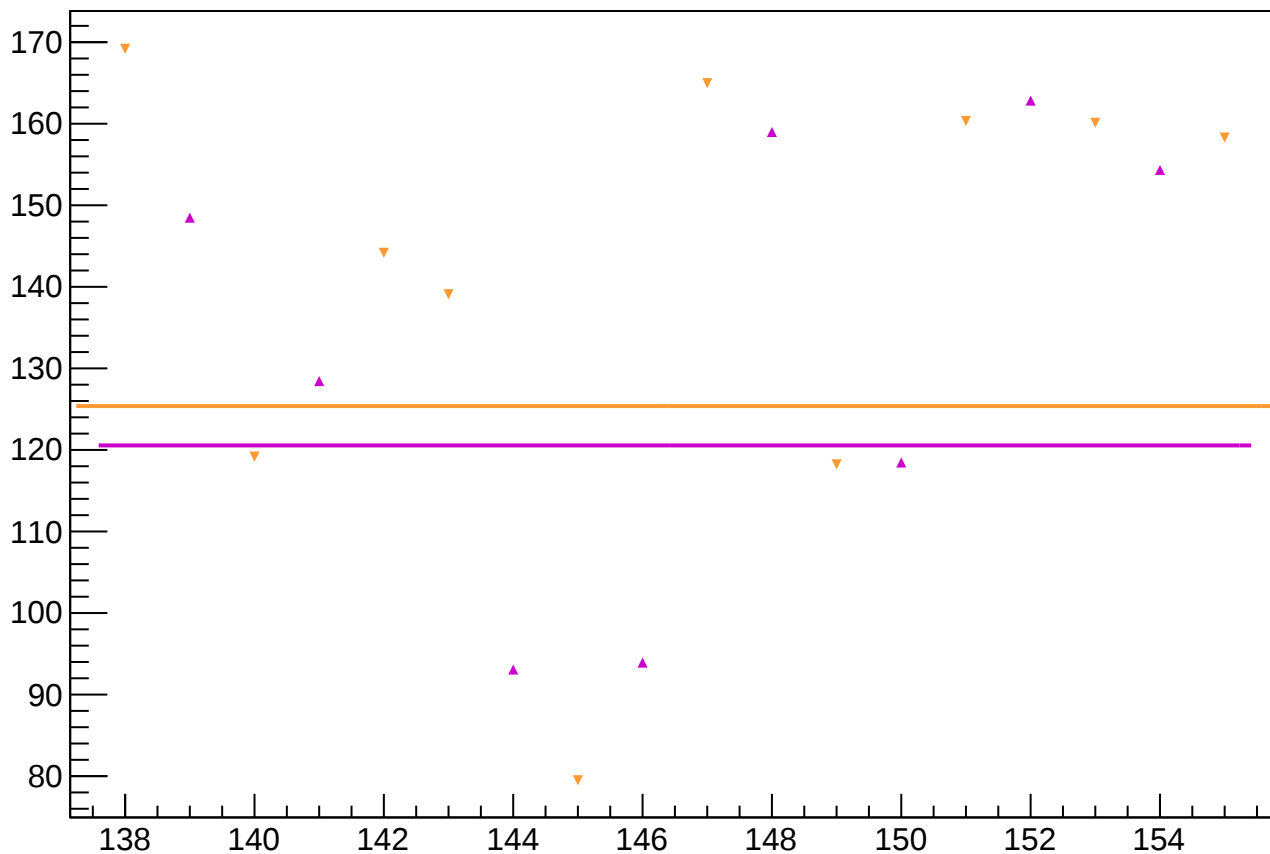
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.747+/-48.644 χ^2/NDF : 9.9/7

-148.763+/-47.991 χ^2/NDF : 7.7/9

-81.747+/-48.644 χ^2/NDF : 9.9/7

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 125.378+/-0.034 χ^2/NDF : 945904.4/9

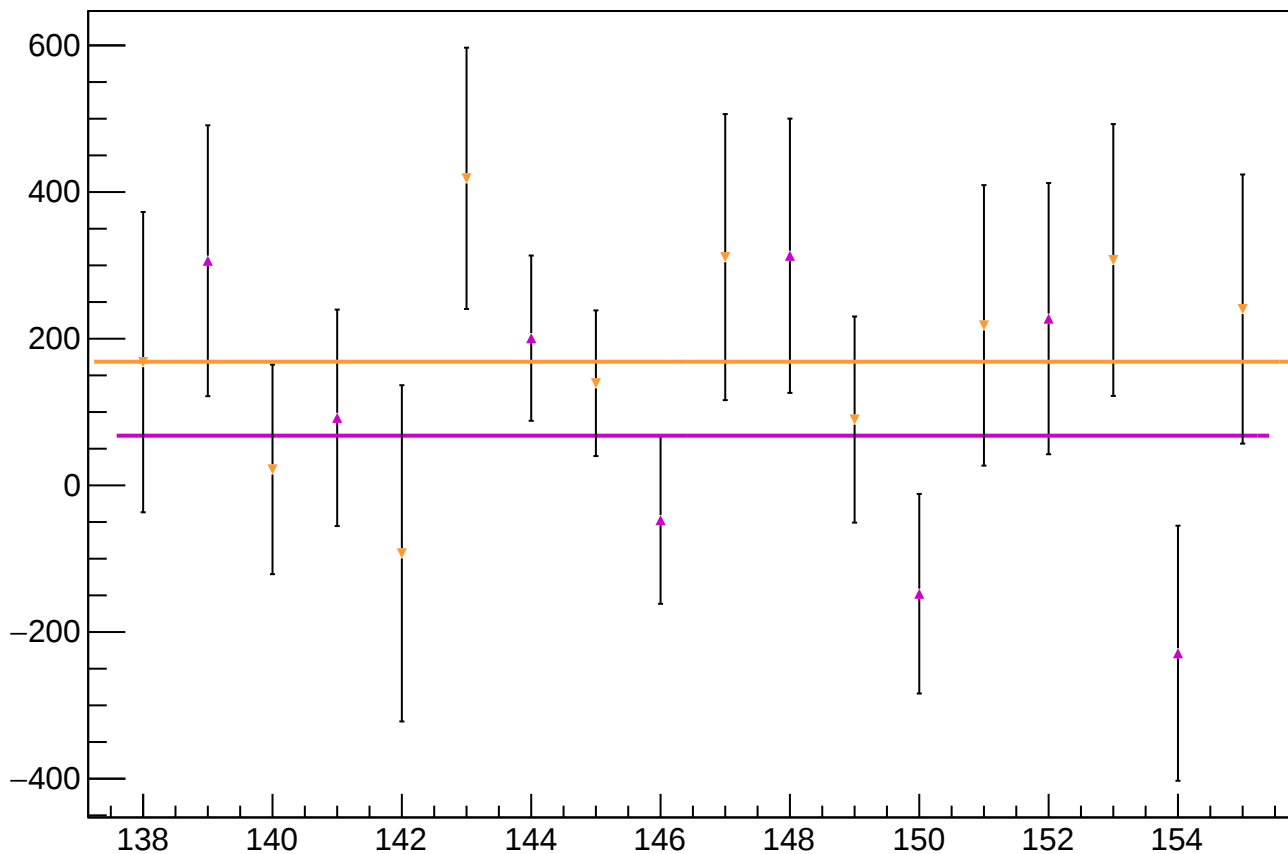
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 120.553+/-0.034 χ^2/NDF : 605744.6/7

125.378+/-0.034 χ^2/NDF : 945904.4/9

120.553+/-0.034 χ^2/NDF : 605744.6/7

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 168.661+/-50.784 χ^2/NDF : 6.0/9

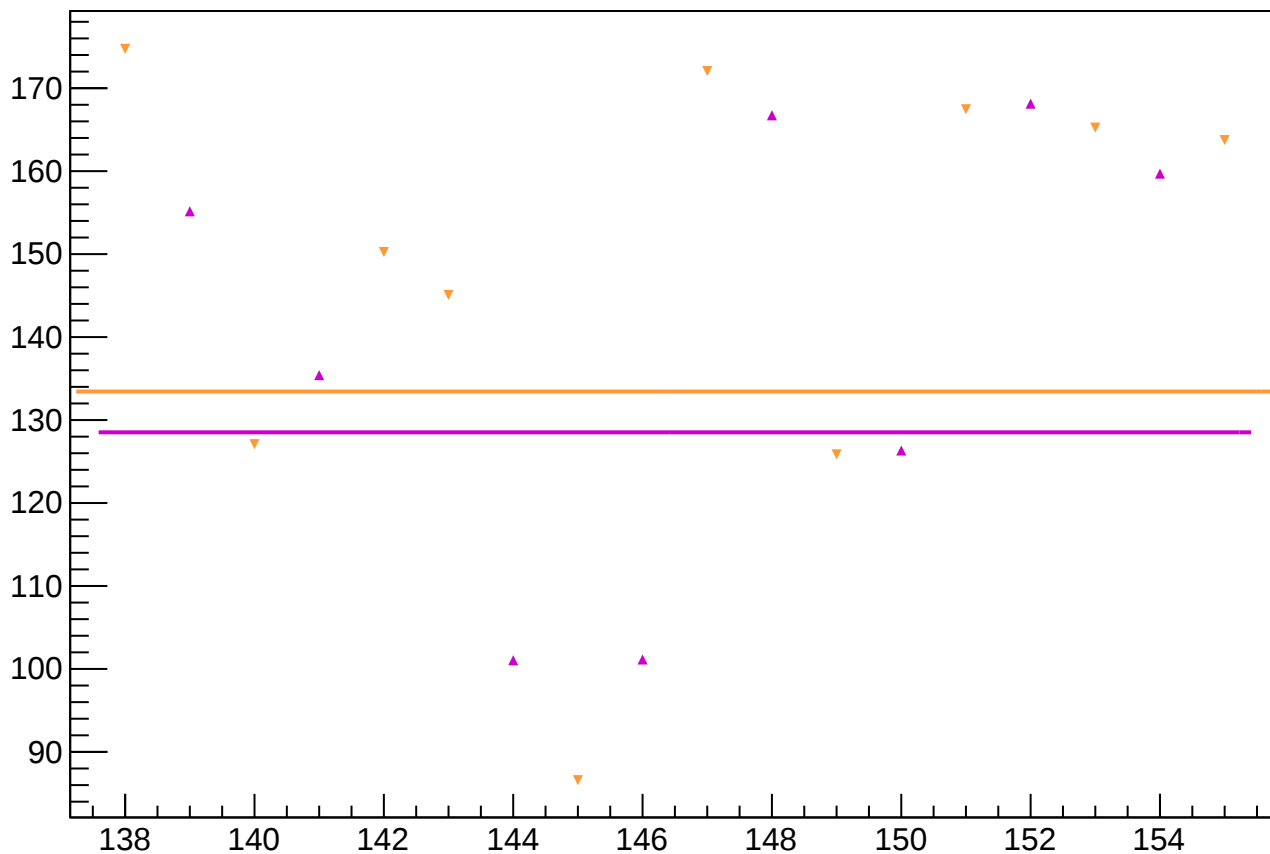
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 67.777+/-51.605 χ^2/NDF : 12.0/7

168.661+/-50.784 χ^2/NDF : 6.0/9

67.777+/-51.605 χ^2/NDF : 12.0/7

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 133.437+/-0.036 χ^2/NDF : 810535.8/9

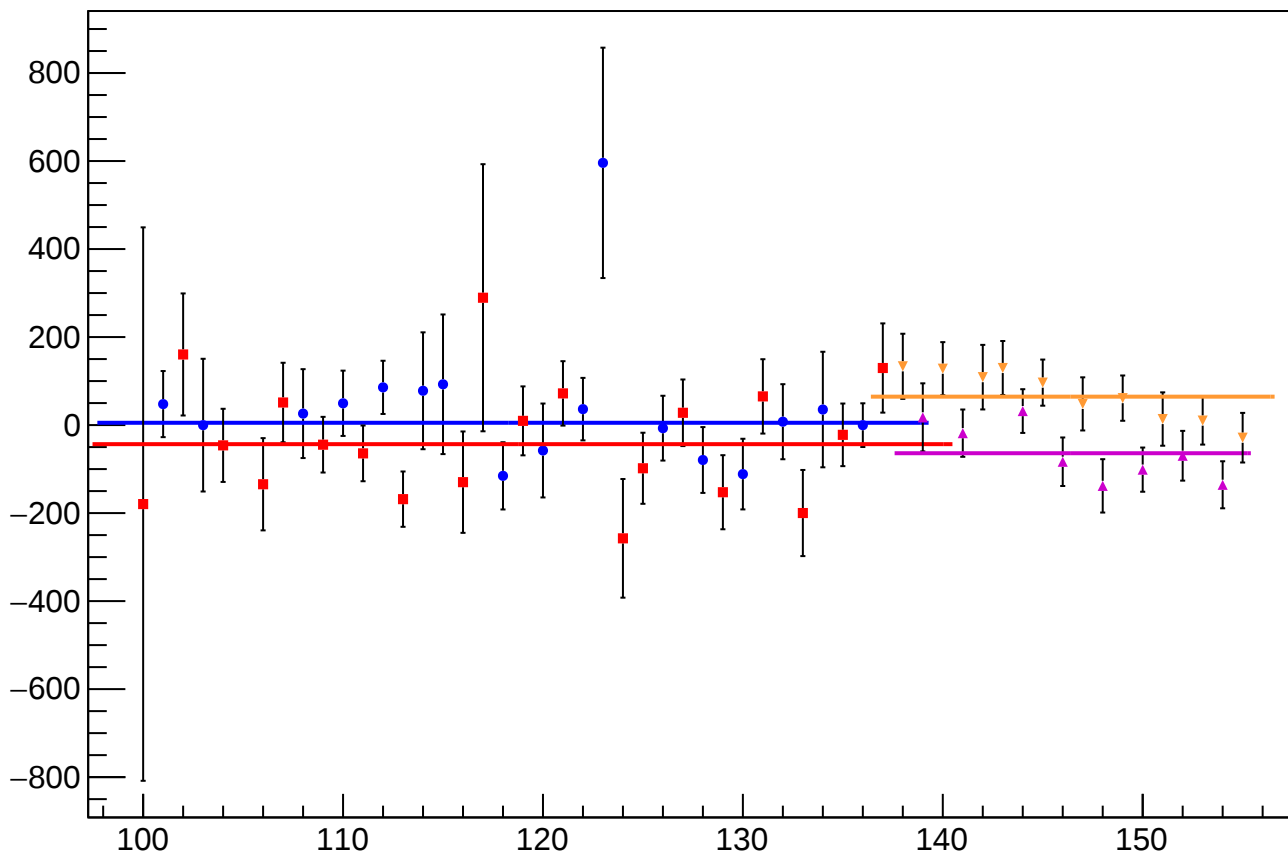
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 128.520+/-0.036 χ^2/NDF : 519829.8/7

133.437+/-0.036 χ^2/NDF : 810535.8/9

128.520+/-0.036 χ^2/NDF : 519829.8/7

reg_asym_sam_1357_avg_mean vs Slug



Right In: 5.220 $\pm$ 20.150 χ^2 /NDF: 14.7/16

Left Out: 64.581 $\pm$ 18.741 χ^2 /NDF: 8.4/9

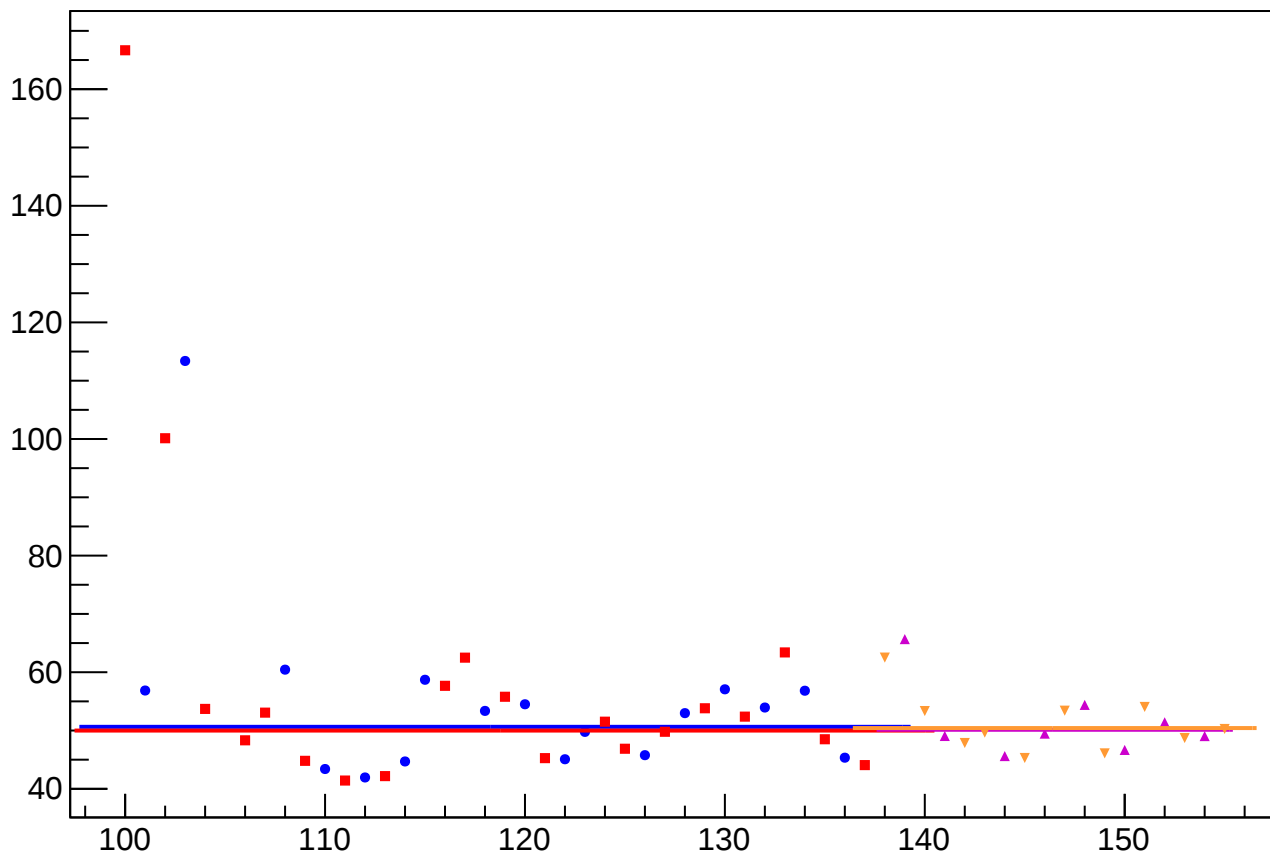
Right Out: -43.354 $\pm$ 19.371 χ^2 /NDF: 25.6/19

Left In: -63.963 $\pm$ 19.690 χ^2 /NDF: 9.5/7

37.049 $\pm$ 13.723 χ^2 /NDF: 27.7/26

-53.490 $\pm$ 13.809 χ^2 /NDF: 35.7/27

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.635+/-0.014 χ^2/NDF : 519687.1/16

Left Out: 50.423+/-0.013 χ^2/NDF : 108233.9/9

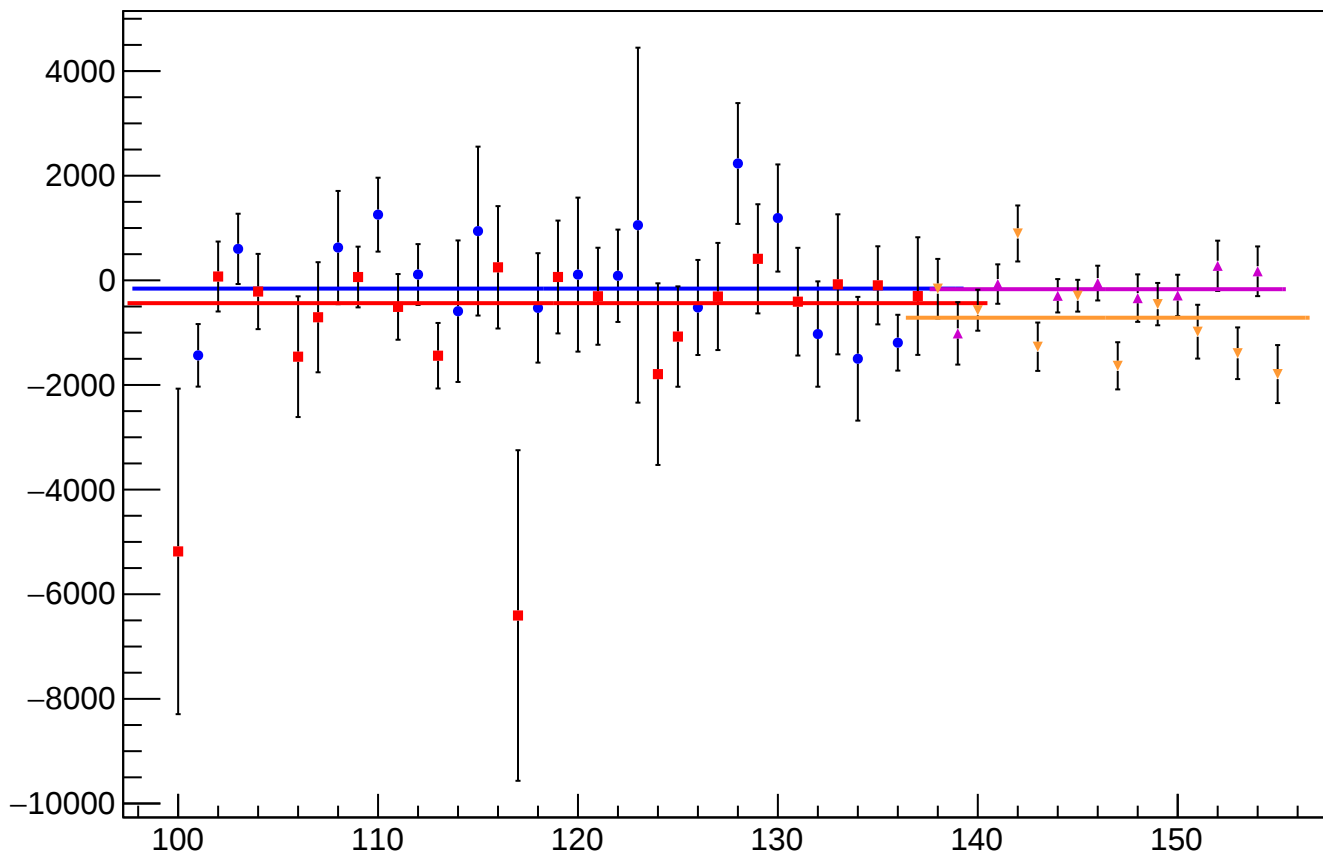
Right Out: 49.994+/-0.014 χ^2/NDF : 503898.1/19

Left In: 50.131+/-0.014 χ^2/NDF : 119678.4/7

50.521+/-0.010 χ^2/NDF : 628039.9/26

50.061+/-0.010 χ^2/NDF : 623625.4/27

asym_sam_1357_avg_correction_mean vs Slug



Right In: -158.001 ± 210.181 χ^2/NDF : 23.5/16

Left Out: -714.734 ± 140.332 χ^2/NDF : 24.0/9

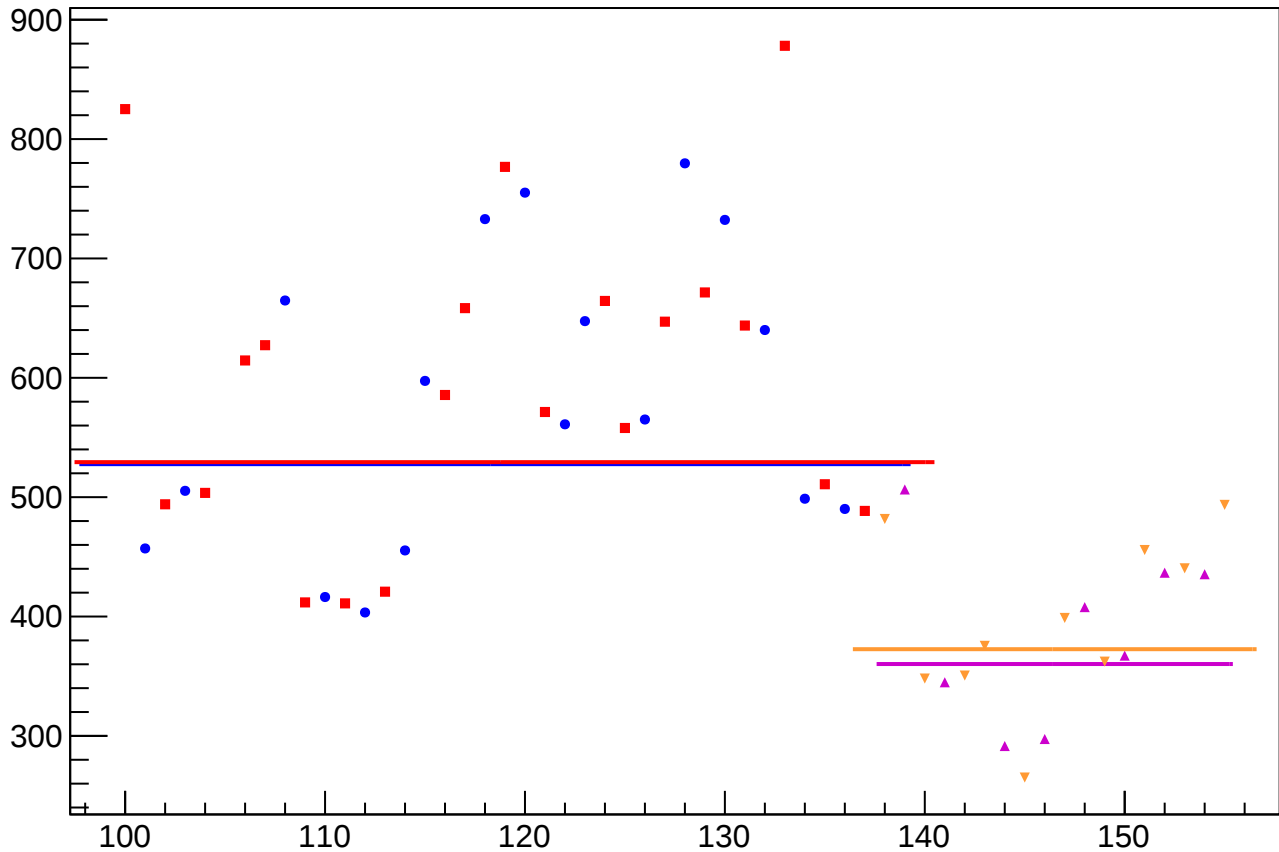
Right Out: -436.410 ± 203.212 χ^2/NDF : 13.4/19

Left In: -169.366 ± 143.217 χ^2/NDF : 4.0/7

-543.073 ± 116.709 χ^2/NDF : 52.3/26

-257.987 ± 117.065 χ^2/NDF : 18.5/27

asym_sam_1357_avg_correction_rms vs Slug



Right In: 527.663 $\pm$ 0.149 χ^2 /NDF: 557423.6/16

Left Out: 372.637 $\pm$ 0.099 χ^2 /NDF: 528519.8/9

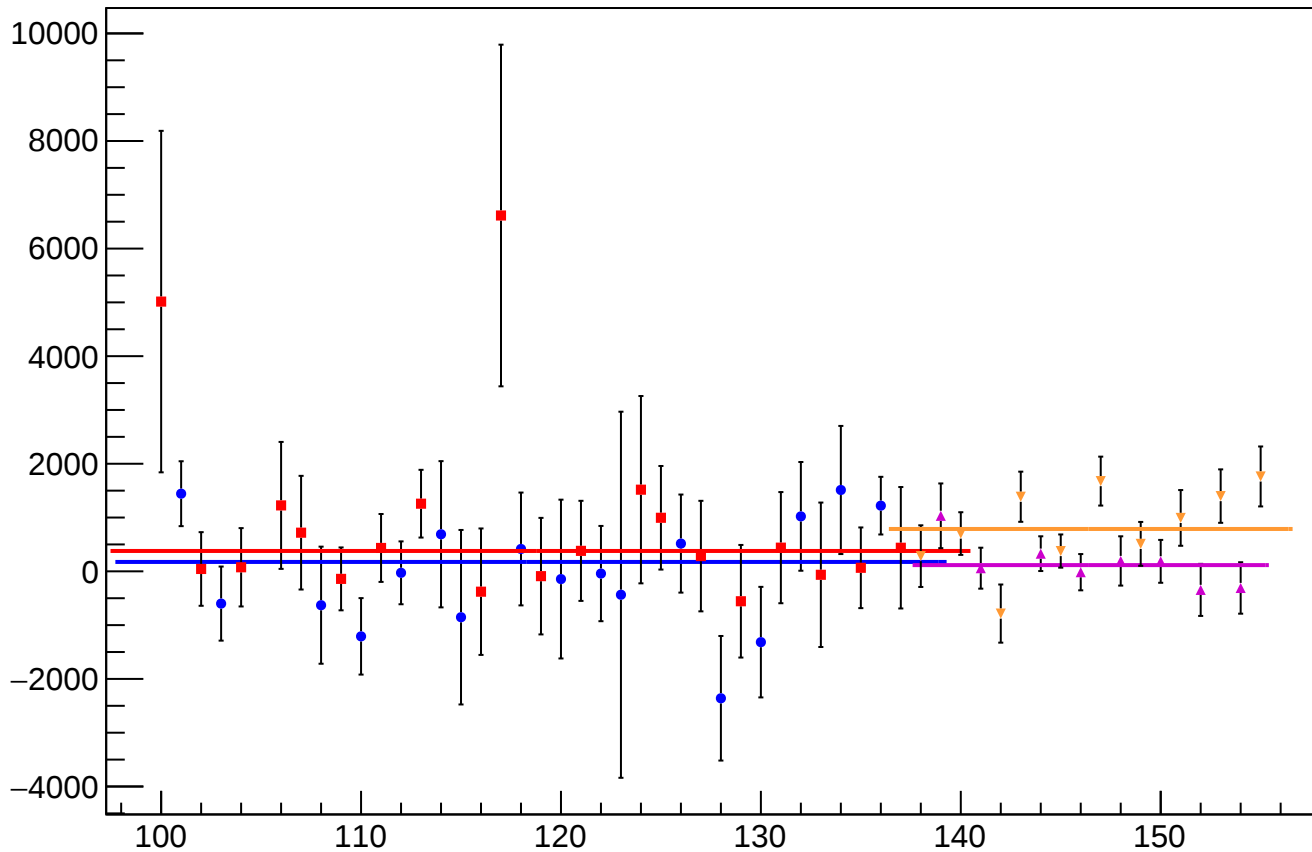
Right Out: 529.342 $\pm$ 0.144 χ^2 /NDF: 626714.3/19

Left In: 360.212 $\pm$ 0.101 χ^2 /NDF: 411373.2/7

420.437 $\pm$ 0.083 χ^2 /NDF: 1838515.2/26

416.340 $\pm$ 0.083 χ^2 /NDF: 1963731.1/27

asym_sam_1357_avg_mean vs Slug



Right In: 174.605 $\pm$ 211.662 χ^2 /NDF: 23.7/16

Left Out: 787.599 $\pm$ 141.739 χ^2 /NDF: 21.7/9

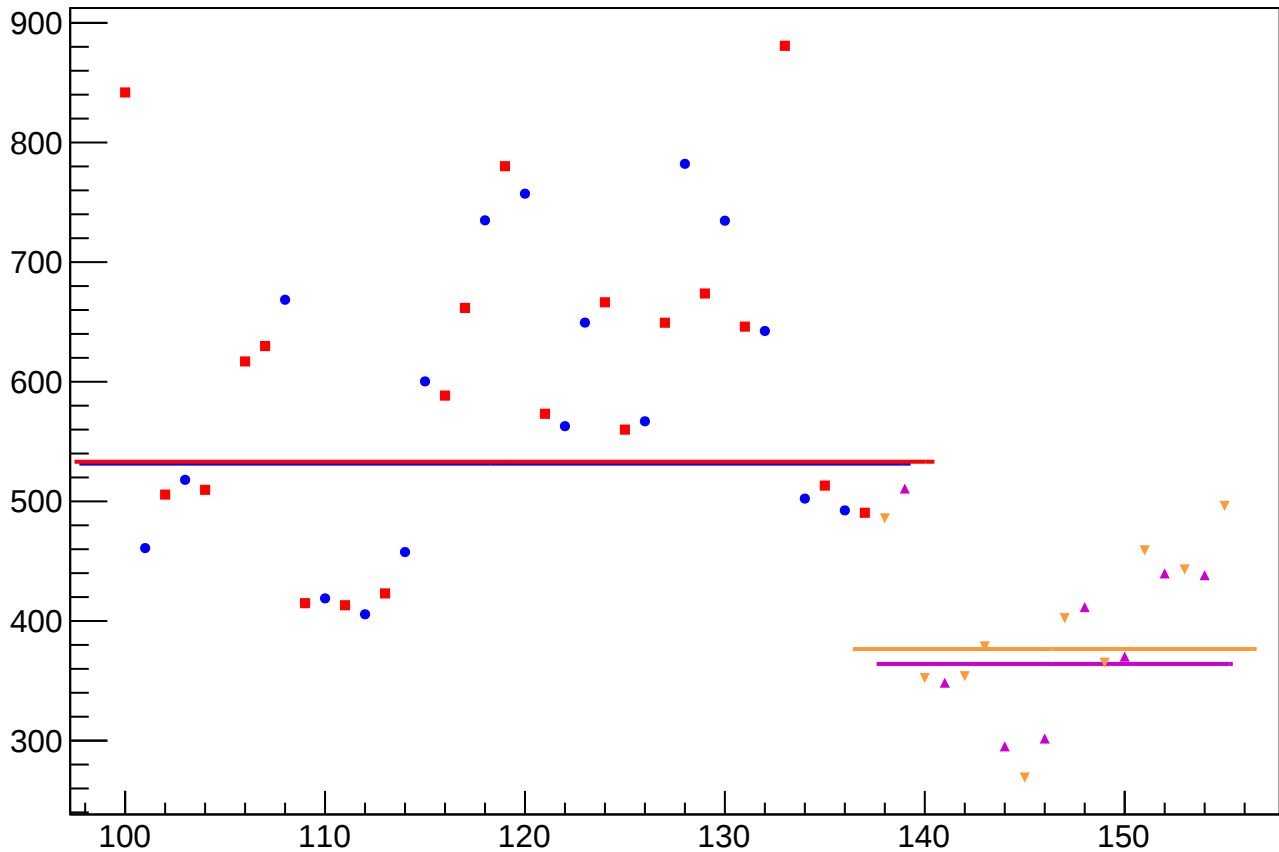
Right Out: 378.609 $\pm$ 204.777 χ^2 /NDF: 12.3/19

Left In: 115.787 $\pm$ 144.696 χ^2 /NDF: 4.7/7

597.818 $\pm$ 117.772 χ^2 /NDF: 51.2/26

203.311 $\pm$ 118.172 χ^2 /NDF: 18.1/27

asym_sam_1357_avg_rms vs Slug



Right In: 531.554 $\pm$ 0.150 χ^2 /NDF: 550087.6/16

Left Out: 376.577 $\pm$ 0.100 χ^2 /NDF: 512895.8/9

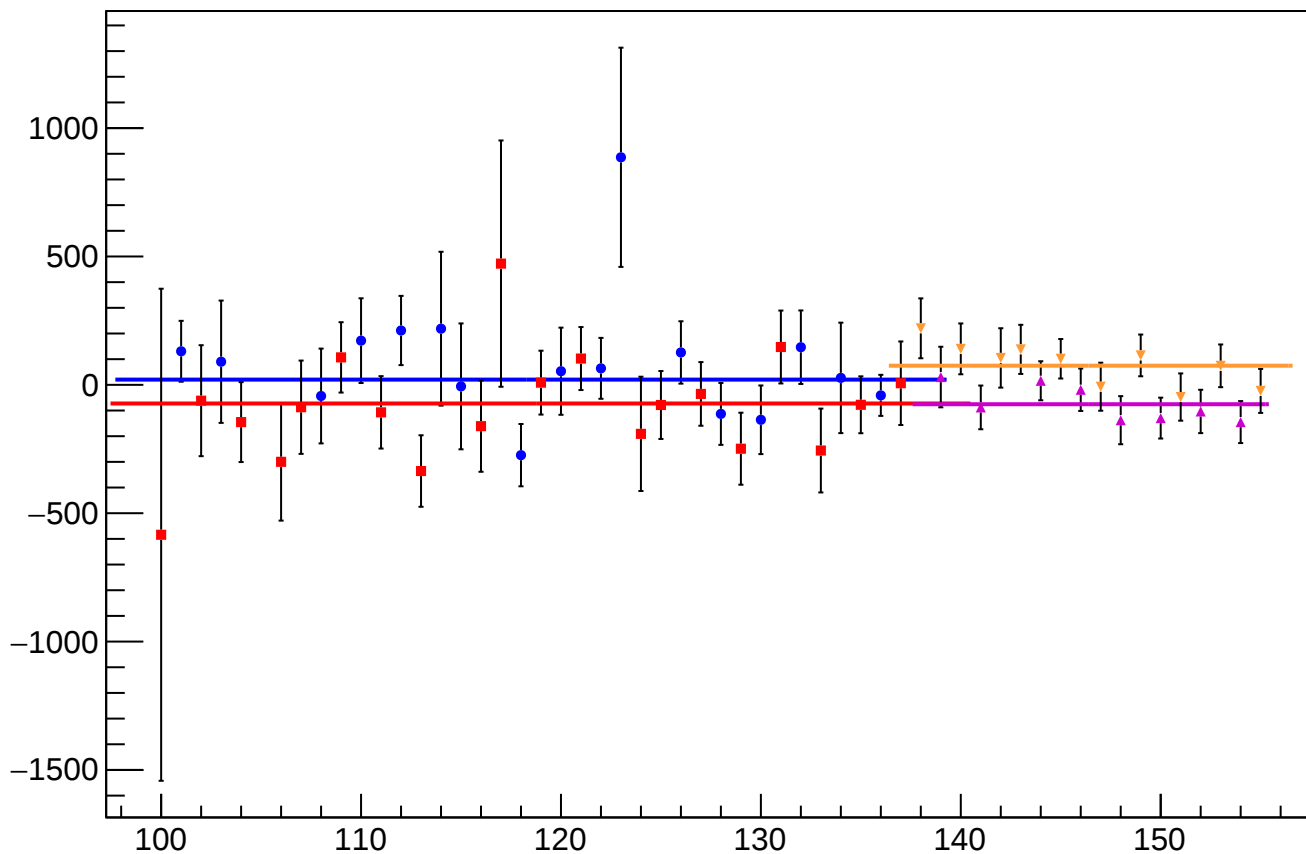
Right Out: 533.157 $\pm$ 0.145 χ^2 /NDF: 619038.4/19

Left In: 364.108 $\pm$ 0.102 χ^2 /NDF: 400730.6/7

424.558 $\pm$ 0.083 χ^2 /NDF: 1803234.9/26

420.404 $\pm$ 0.084 χ^2 /NDF: 1928864.7/27

reg_asym_sam_2468_avg_mean vs Slug



Right In: 20.441+/-34.583 χ^2/NDF : 19.3/16

Left Out: 74.620+/-28.954 χ^2/NDF : 6.7/9

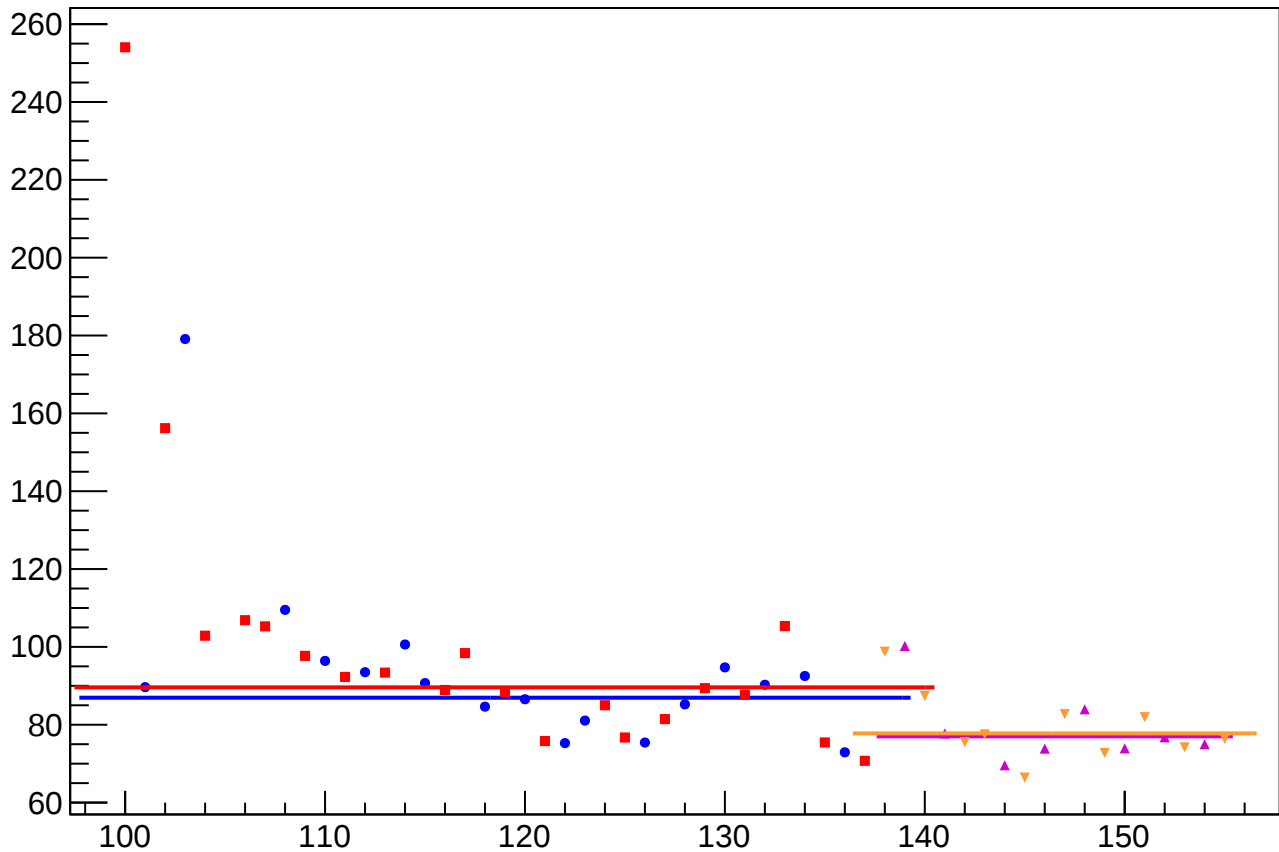
Right Out: -72.603+/-34.608 χ^2/NDF : 16.7/19

Left In: -75.483+/-30.274 χ^2/NDF : 4.5/7

52.293+/-22.200 χ^2/NDF : 27.4/26

-74.235+/-22.786 χ^2/NDF : 21.2/27

reg_asym_sam_2468_avg_rms vs Slug



Right In: 86.943+/-0.024 χ^2/NDF : 455809.4/16

Left Out: 77.777+/-0.020 χ^2/NDF : 149534.6/9

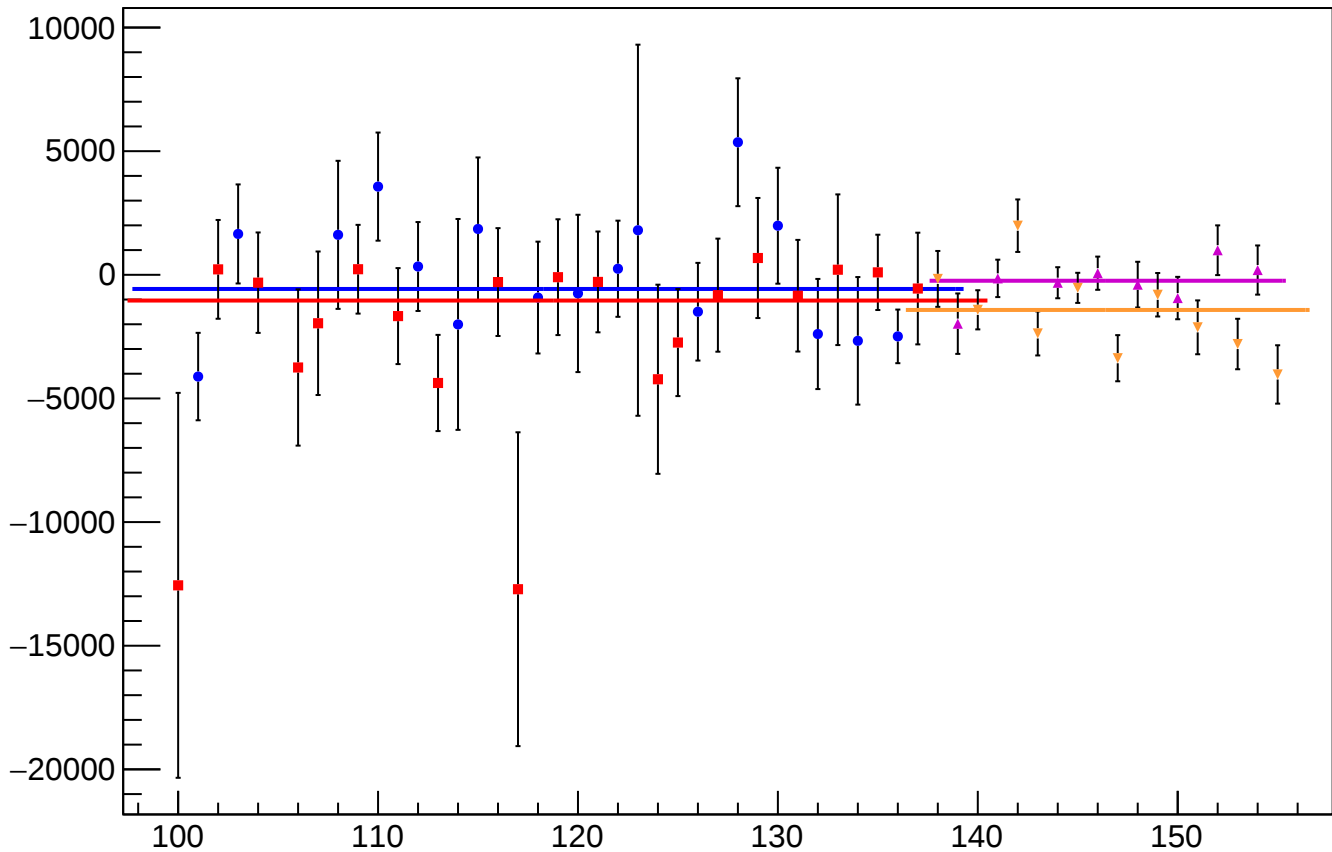
Right Out: 89.607+/-0.024 χ^2/NDF : 431905.8/19

Left In: 77.018+/-0.021 χ^2/NDF : 114886.3/7

81.554+/-0.016 χ^2/NDF : 687928.0/26

82.475+/-0.016 χ^2/NDF : 696711.1/27

asym_sam_2468_avg_correction_mean vs Slug



Right In: -572.342 ± 517.020 χ^2/NDF : 21.9/16

Left Out: -1421.259 ± 286.415 χ^2/NDF : 26.8/9

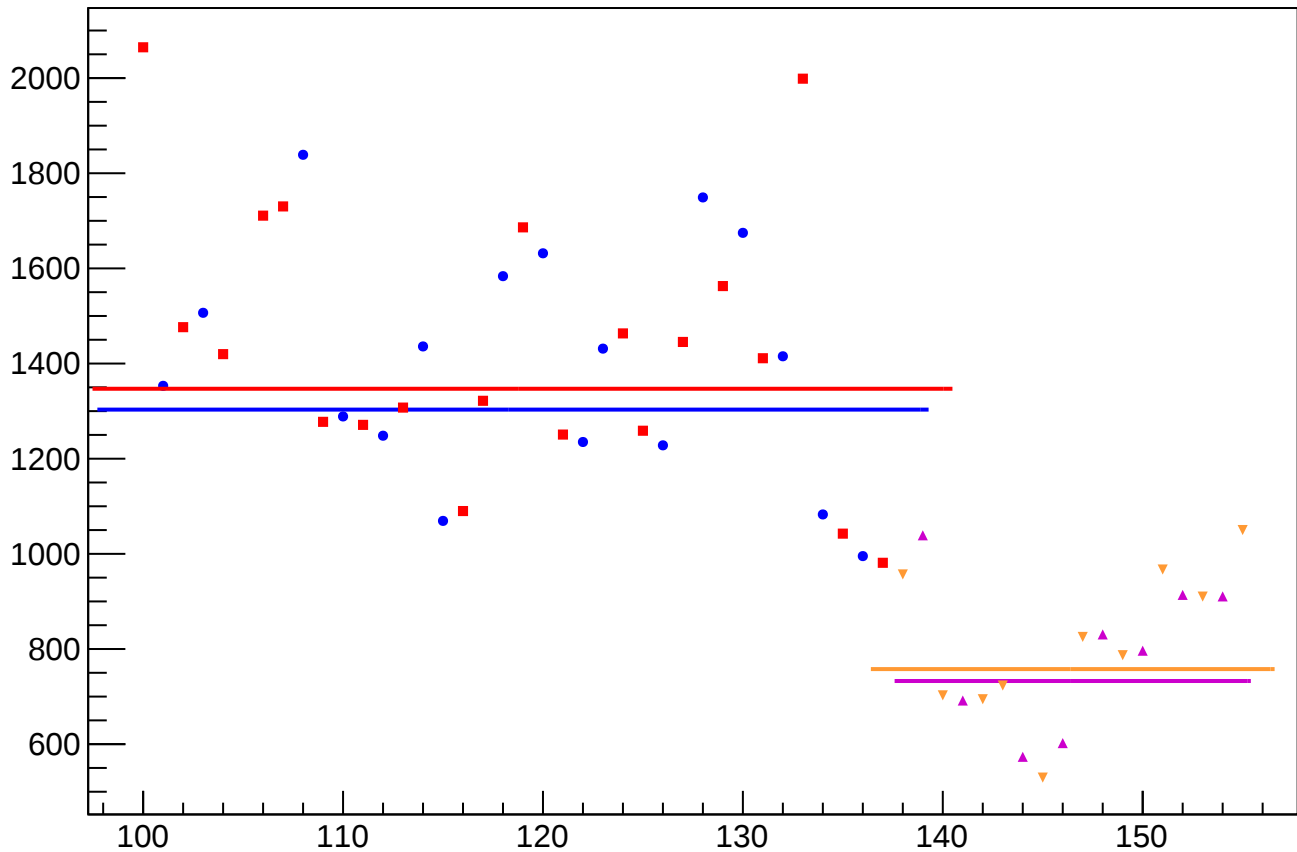
Right Out: -1040.618 ± 512.937 χ^2/NDF : 13.5/19

Left In: -240.100 ± 292.325 χ^2/NDF : 4.6/7

-1221.914 ± 250.540 χ^2/NDF : 50.8/26

-436.358 ± 253.976 χ^2/NDF : 20.0/27

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1303.201+/-0.366 χ^2/NDF : 451961.9/16

Left Out: 757.793+/-0.203 χ^2/NDF : 616543.4/9

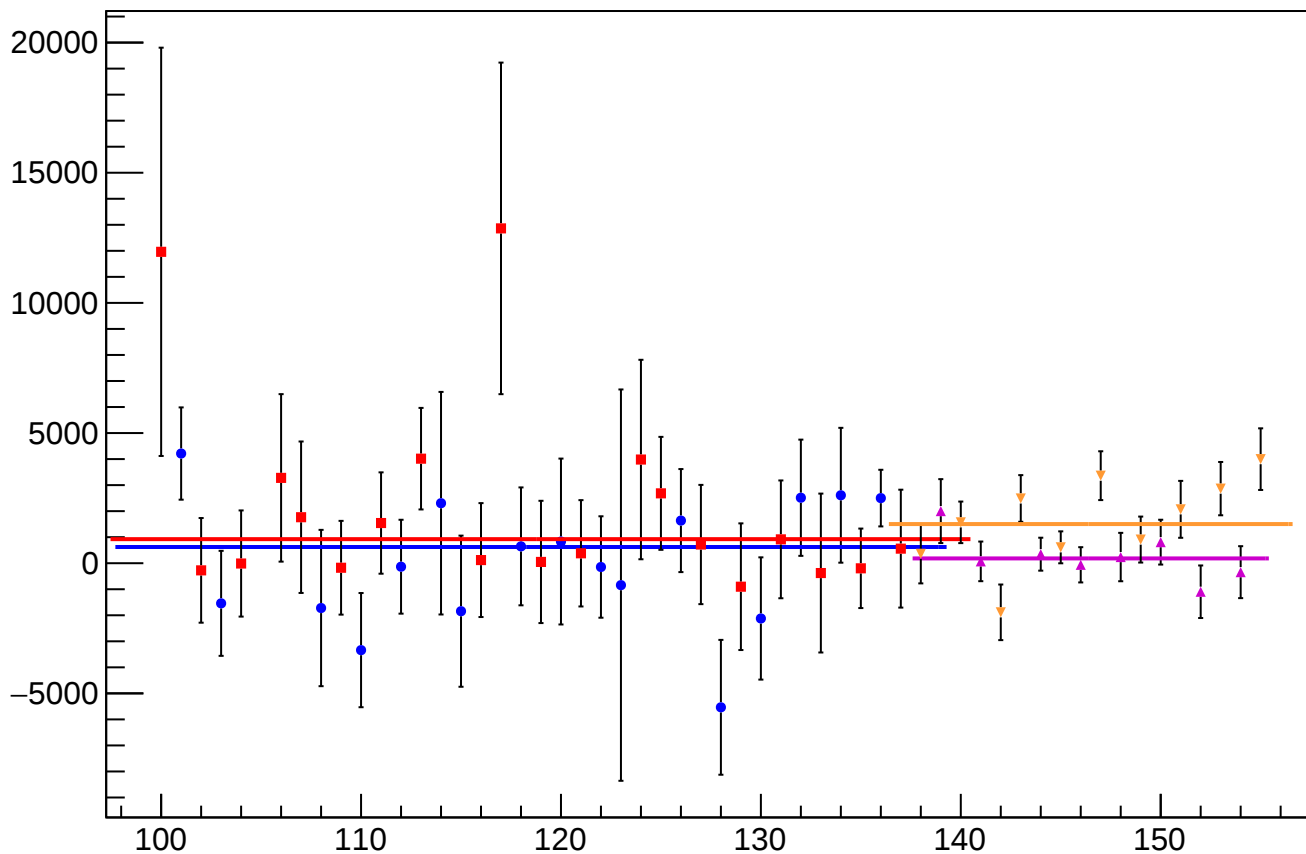
885.867+/-0.177 χ^2/NDF : 2771524.0/26

Right Out: 1347.011+/-0.363 χ^2/NDF : 420806.0/19

883.339+/-0.180 χ^2/NDF : 3083898.2/27

Left In: 732.744+/-0.207 χ^2/NDF : 498037.2/7

asym_sam_2468_avg_mean vs Slug



Right In: 622.411+/-518.496 χ^2/NDF : 22.0/16

Left Out: 1503.959+/-288.104 χ^2/NDF : 25.3/9

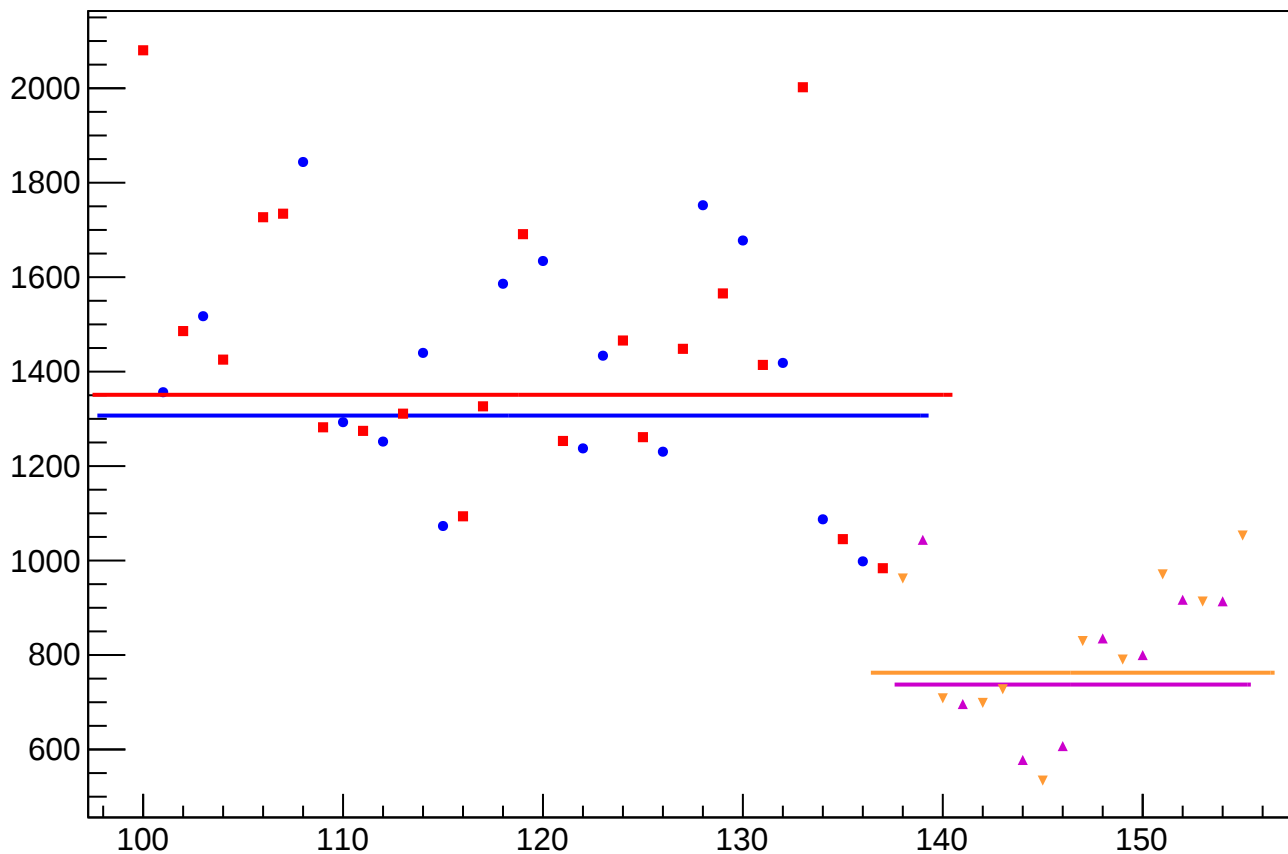
Right Out: 924.488+/-514.636 χ^2/NDF : 12.6/19

Left In: 184.005+/-294.093 χ^2/NDF : 4.8/7

1295.992+/-251.837 χ^2/NDF : 49.4/26

366.292+/-255.341 χ^2/NDF : 19.0/27

asym_sam_2468_avg_rms vs Slug



Right In: 1306.980 $\pm$ 0.367 χ^2 /NDF: 451191.7/16

Left Out: 762.528 $\pm$ 0.204 χ^2 /NDF:606792.2/9

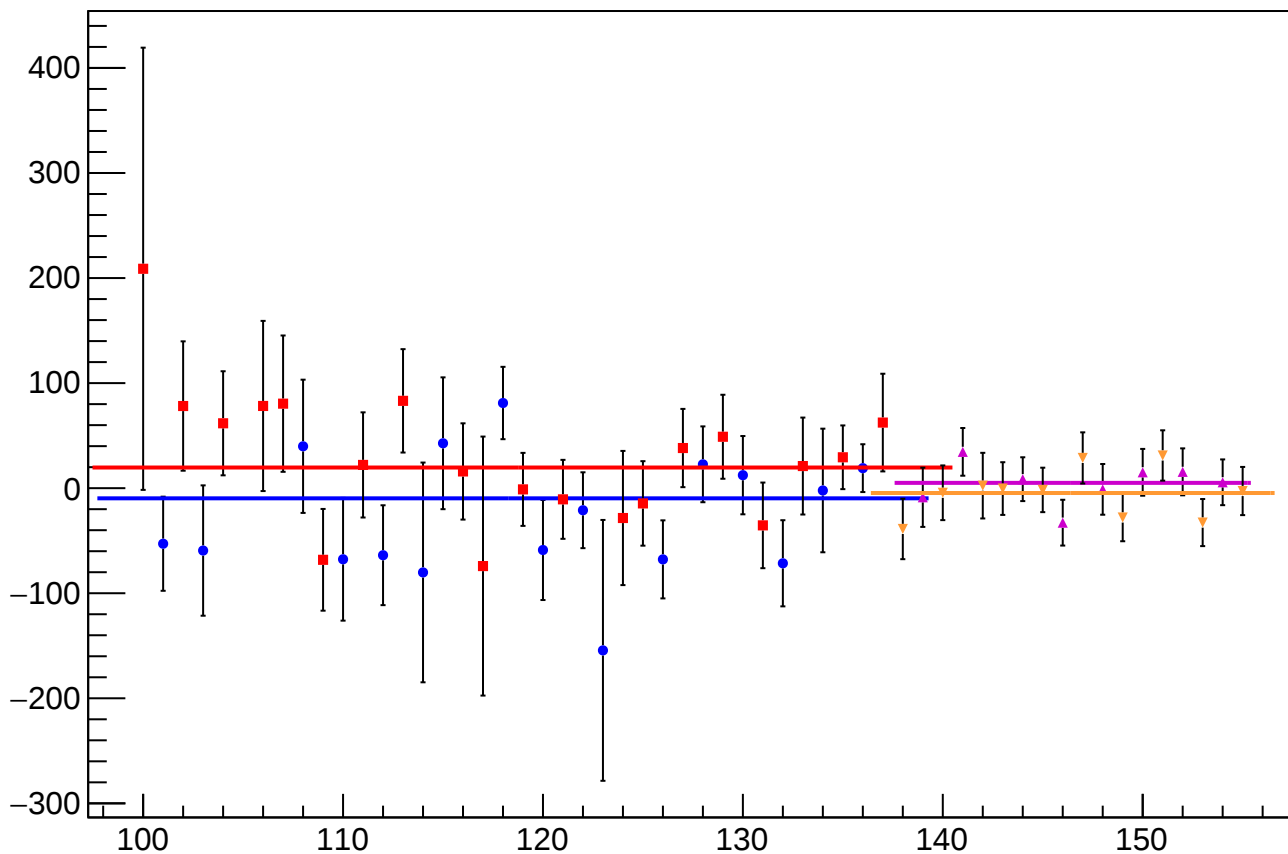
Right Out: 1350.936 $\pm$ 0.364 χ^2 /NDF: 421834.2/19

Left In: 737.424 $\pm$ 0.208 χ^2 /NDF:490272.8/7

890.971 $\pm$ 0.178 χ^2 /NDF: 2742993.5/26

888.454 $\pm$ 0.181 χ^2 /NDF: 3054733.5/27

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -9.669 ± 10.408 χ^2/NDF : 22.6/16

Left Out: -4.597 ± 7.713 χ^2/NDF : 8.3/9

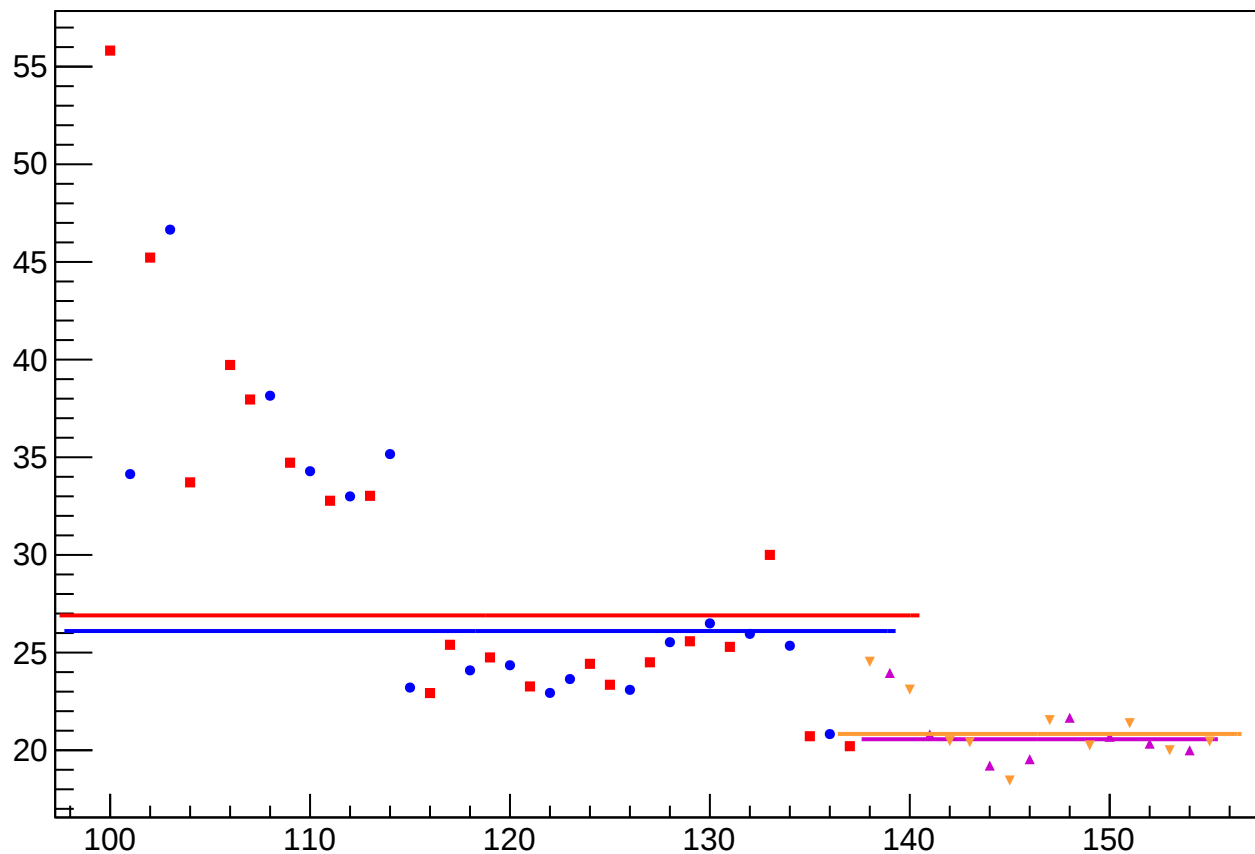
Right Out: 19.662 ± 10.406 χ^2/NDF : 15.2/19

Left In: 5.054 ± 8.045 χ^2/NDF : 5.5/7

-6.395 ± 6.197 χ^2/NDF : 31.0/26

10.519 ± 6.365 χ^2/NDF : 21.9/27

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.103 $\pm$ 0.007 χ^2 /NDF: 604038.5/16

Left Out: 20.836 $\pm$ 0.005 χ^2 /NDF: 81841.0/9

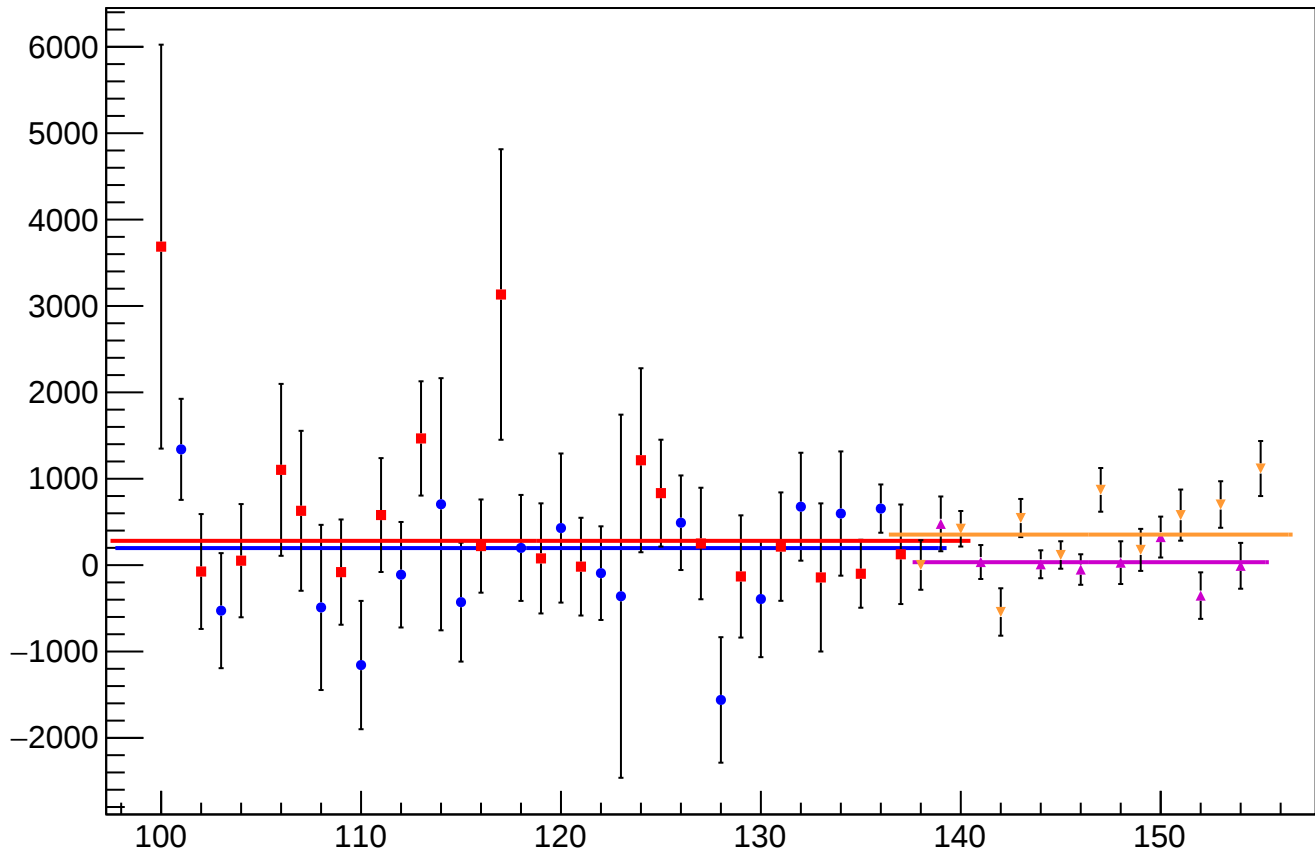
Right Out: 26.903 $\pm$ 0.007 χ^2 /NDF: 679269.9/19

Left In: 20.564 $\pm$ 0.006 χ^2 /NDF: 47802.9/7

22.703 $\pm$ 0.004 χ^2 /NDF: 1016487.8/26

22.935 $\pm$ 0.005 χ^2 /NDF: 1191582.9/27

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 197.327 $\pm$ 147.883 χ^2 /NDF: 21.0/16

Left Out: 353.619 $\pm$ 75.228 χ^2 /NDF:28.0/9

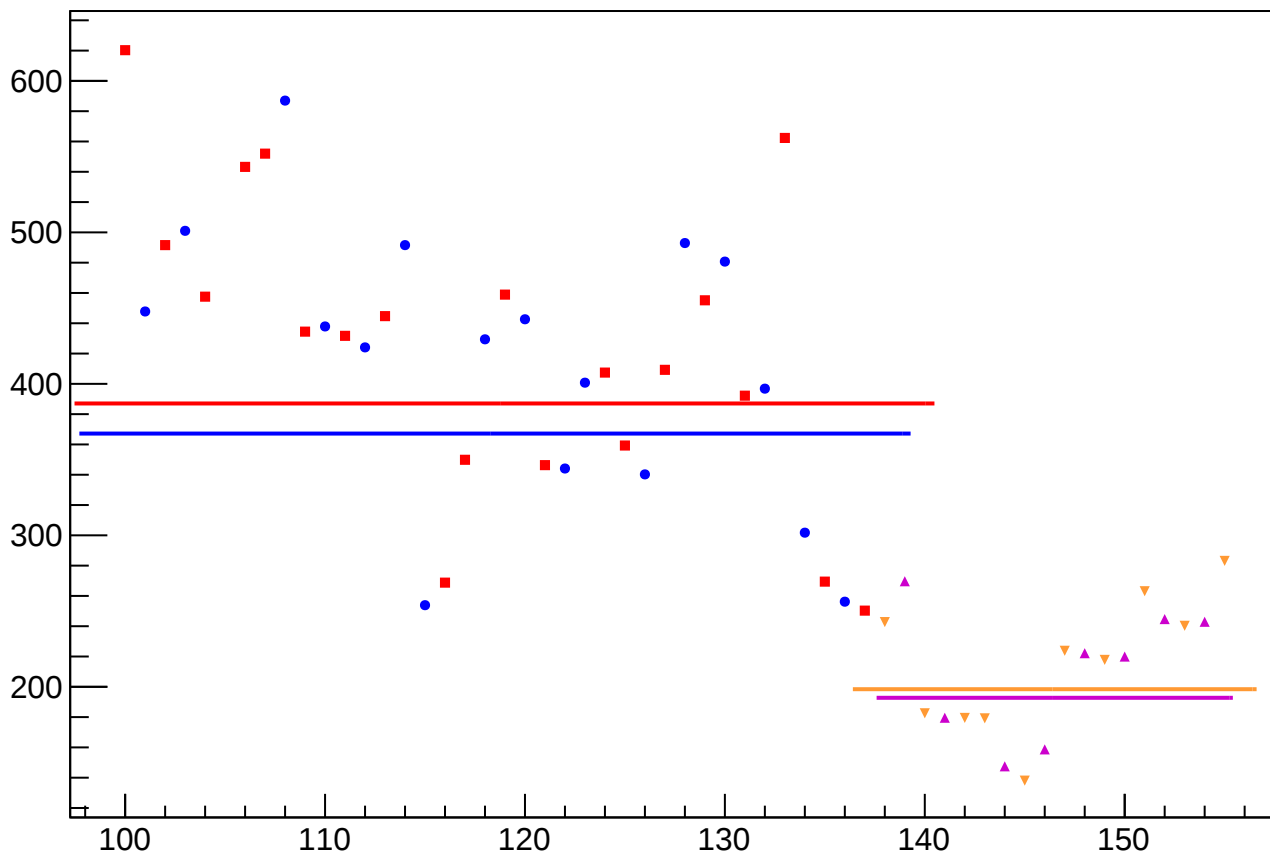
Right Out: 281.185 $\pm$ 149.275 χ^2 /NDF: 13.6/19

Left In: 34.012 $\pm$ 77.087 χ^2 /NDF:5.8/7

321.489 $\pm$ 67.051 χ^2 /NDF: 49.8/26

86.051 $\pm$ 68.494 χ^2 /NDF: 21.5/27

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 367.180 +/- 0.105 χ^2/NDF : 827148.2/16

Left Out: 198.418 +/- 0.053 χ^2/NDF : 690814.1/9

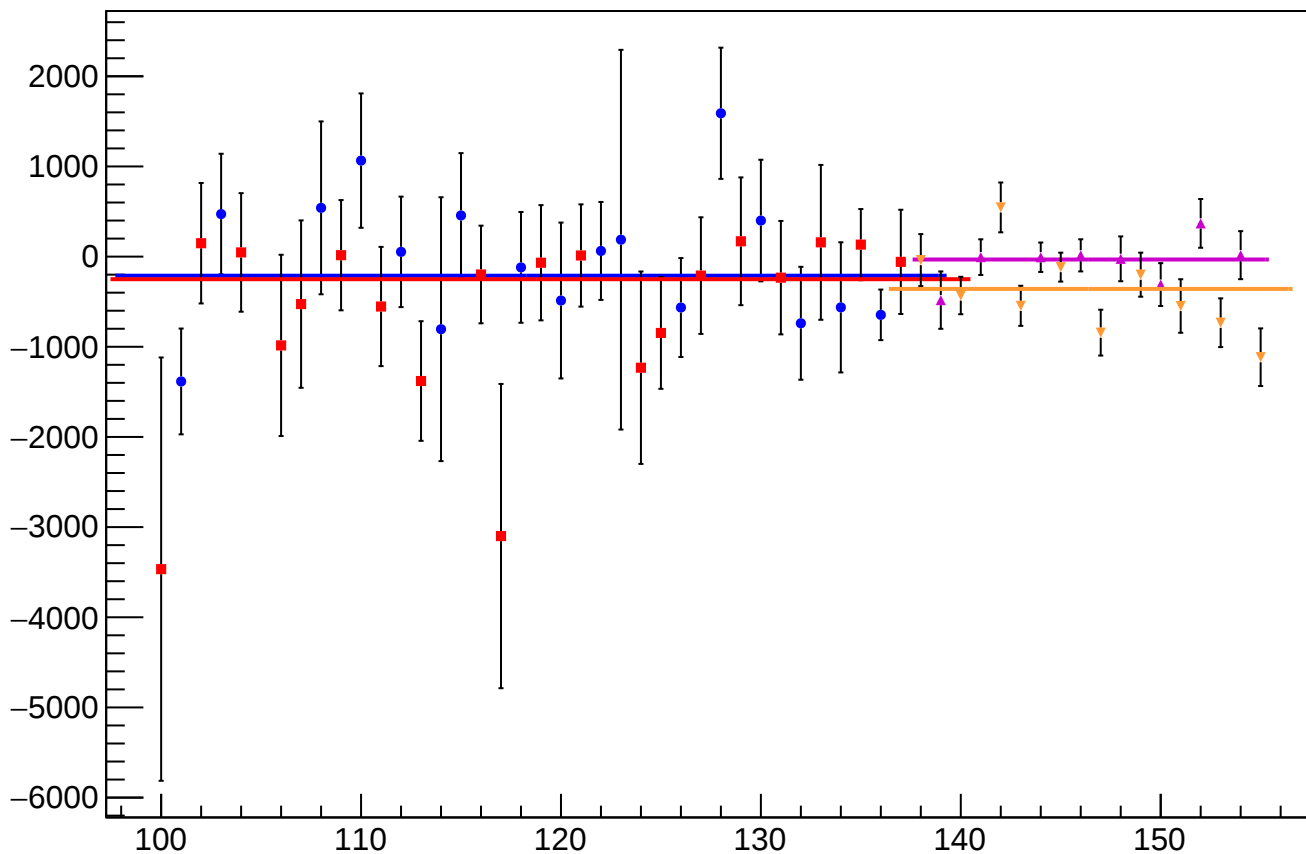
Right Out: 387.048 +/- 0.106 χ^2/NDF : 775547.5/19

Left In: 192.743 +/- 0.055 χ^2/NDF : 558388.0/7

233.111 +/- 0.047 χ^2/NDF : 3587131.6/26

233.651 +/- 0.048 χ^2/NDF : 4009151.7/27

asym_sam_1357_2468_dd_mean vs Slug



Right In: -211.859 ± 148.316 χ^2/NDF : 21.0/16

Left Out: -358.117 ± 75.696 χ^2/NDF : 27.0/9

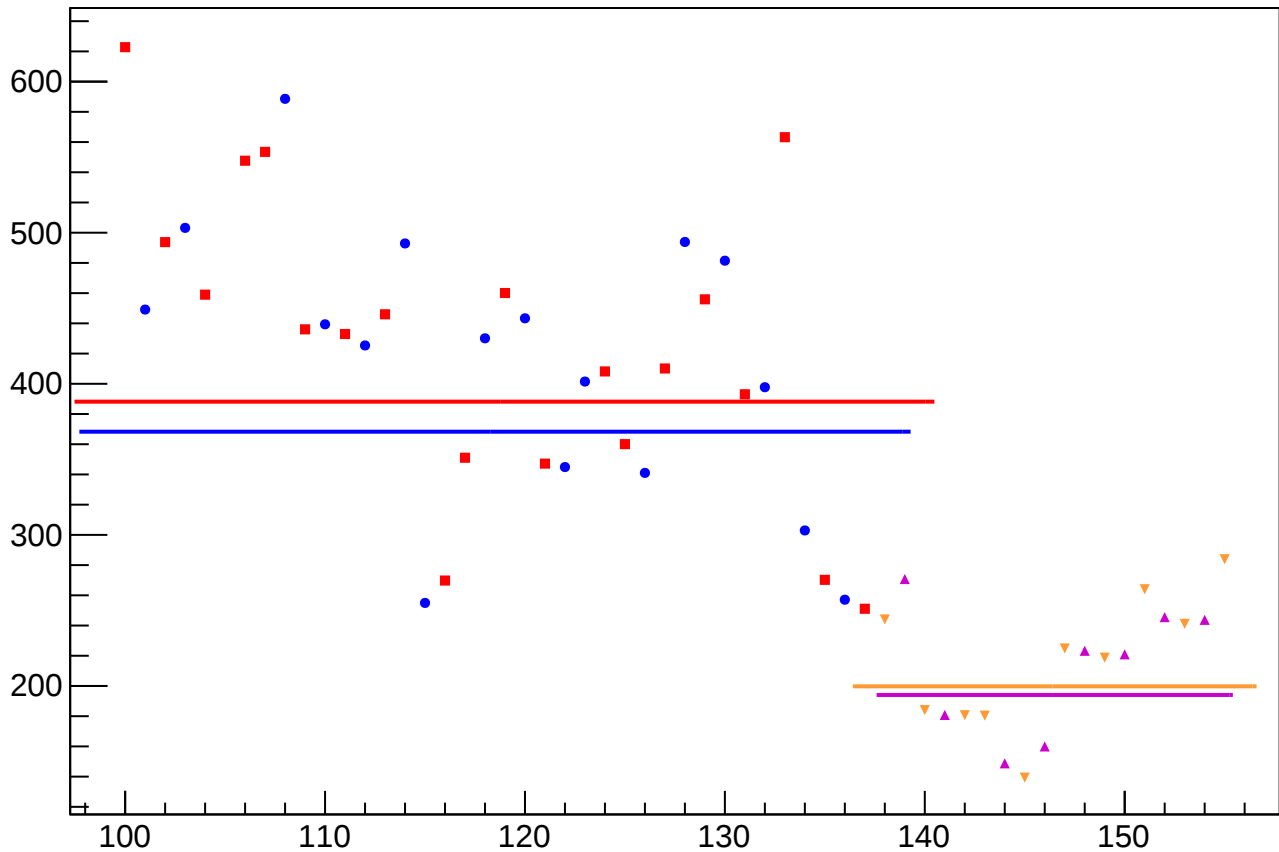
Right Out: -250.443 ± 149.724 χ^2/NDF : 12.9/19

Left In: -32.055 ± 77.573 χ^2/NDF : 5.7/7

-327.893 ± 67.422 χ^2/NDF : 48.8/26

-78.272 ± 68.878 χ^2/NDF : 20.3/27

asym_sam_1357_2468_dd_rms vs Slug



Right In: 368.302 ± 0.105 χ^2/NDF : 824619.2/16

Left Out: 199.754 ± 0.054 χ^2/NDF : 678001.8/9

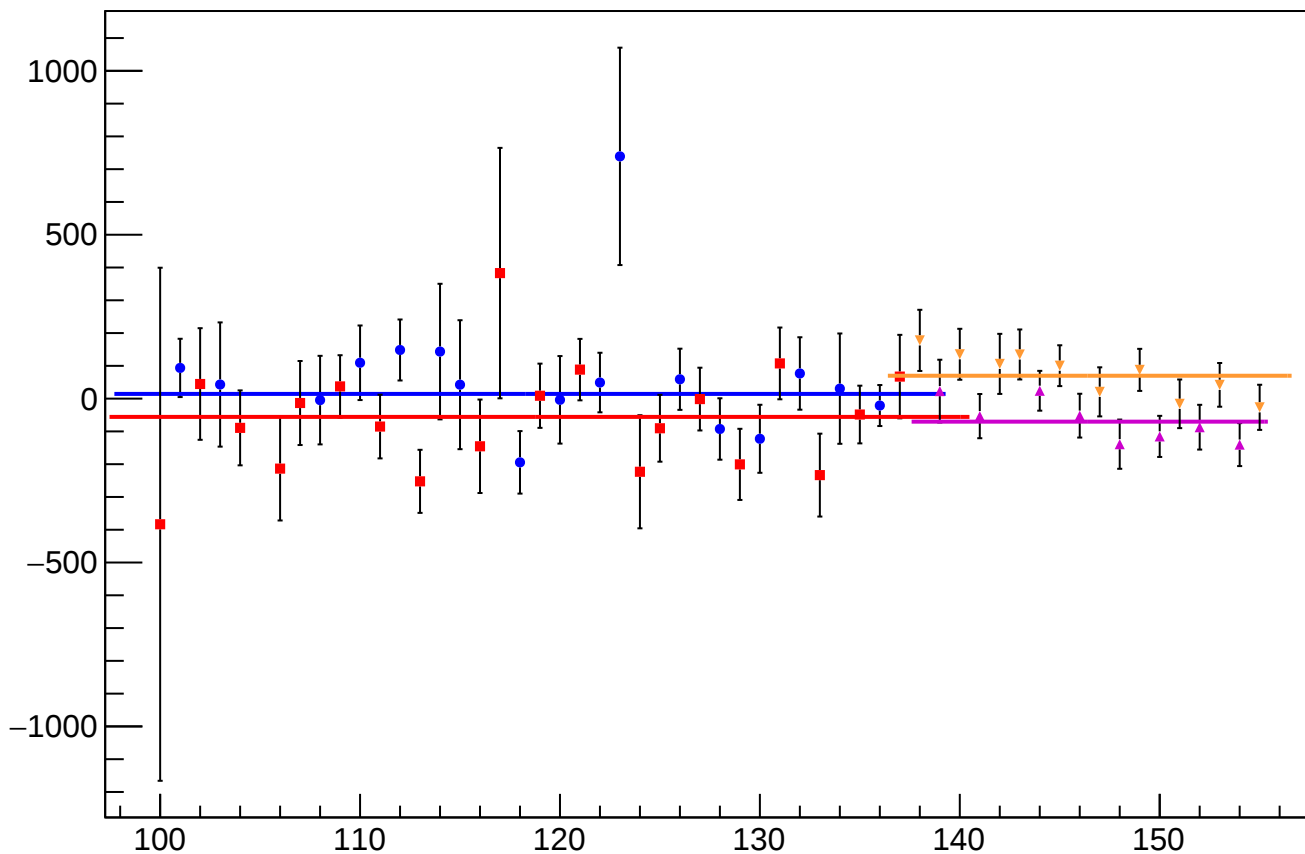
Right Out: 388.178 ± 0.106 χ^2/NDF : 775692.7/19

Left In: 194.050 ± 0.055 χ^2/NDF : 547937.8/7

234.584 ± 0.048 χ^2/NDF : 3551741.5/26

235.133 ± 0.049 χ^2/NDF : 3974308.1/27

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 14.385 $\pm$ 26.334 χ^2 /NDF: 17.7/16

Left Out: 69.825 $\pm$ 23.137 χ^2 /NDF: 7.1/9

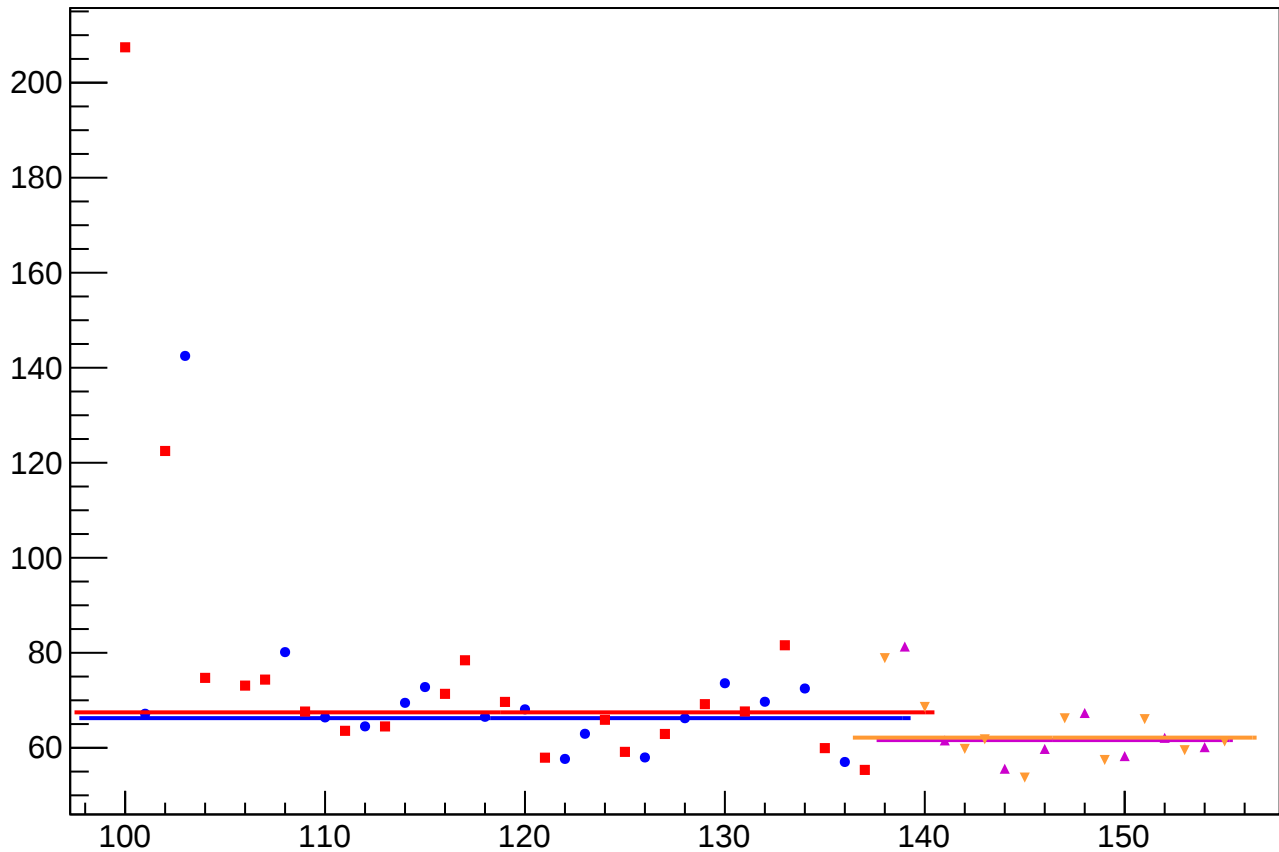
Right Out: -55.744 $\pm$ 26.060 χ^2 /NDF: 19.7/19

Left In: -70.258 $\pm$ 24.232 χ^2 /NDF: 6.0/7

45.673 $\pm$ 17.381 χ^2 /NDF: 27.3/26

-63.528 $\pm$ 17.746 χ^2 /NDF: 26.0/27

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 66.247+/-0.019 χ^2/NDF : 440944.2/16

Left Out: 62.147+/-0.016 χ^2/NDF :141529.4/9

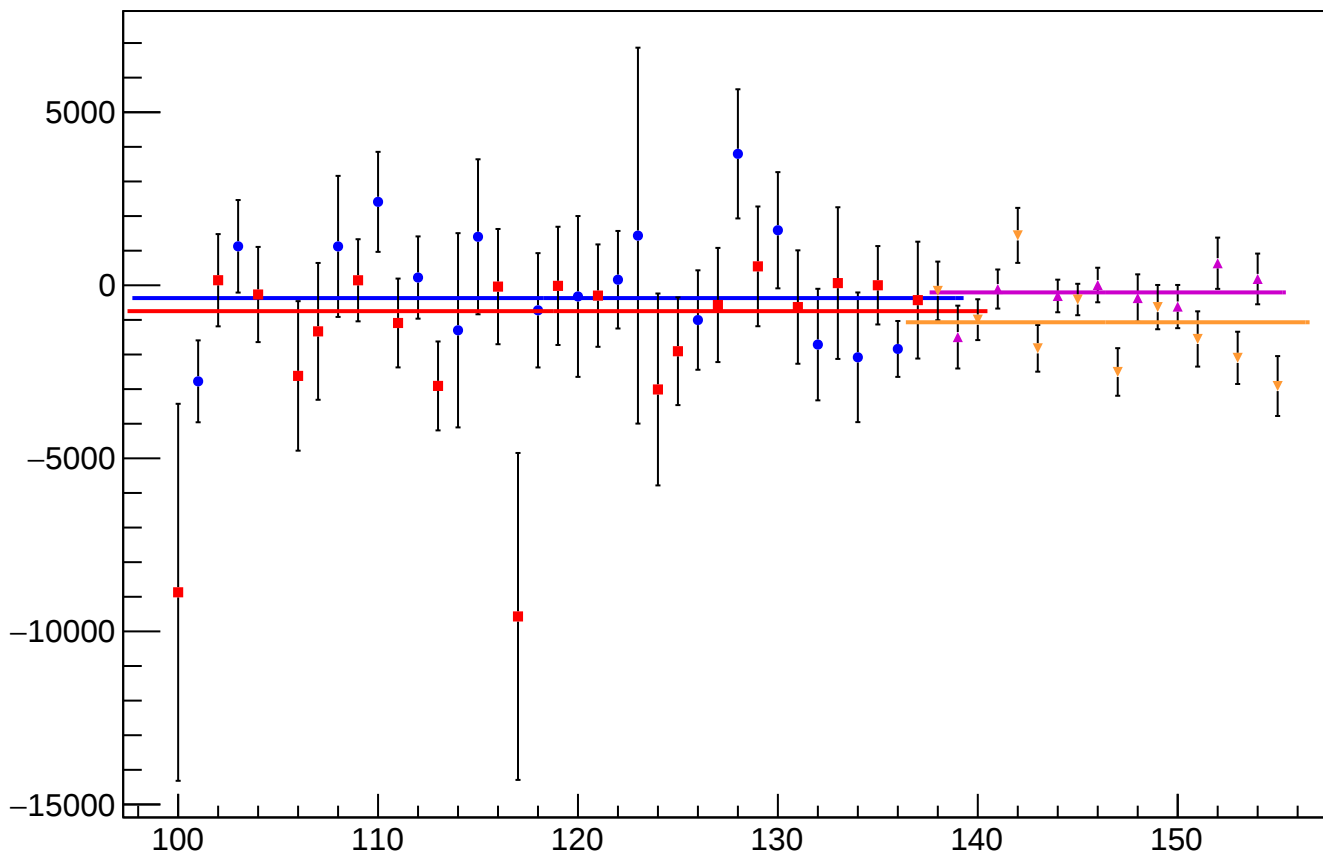
Right Out: 67.466+/-0.018 χ^2/NDF : 395262.8/19

Left In: 61.628+/-0.017 χ^2/NDF :124337.9/7

63.933+/-0.012 χ^2/NDF : 609836.4/26

64.335+/-0.013 χ^2/NDF : 573434.6/27

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -369.546+/-366.432 χ^2/NDF : 22.3/16

Left Out: -1068.246+/-212.627 χ^2/NDF : 26.1/9

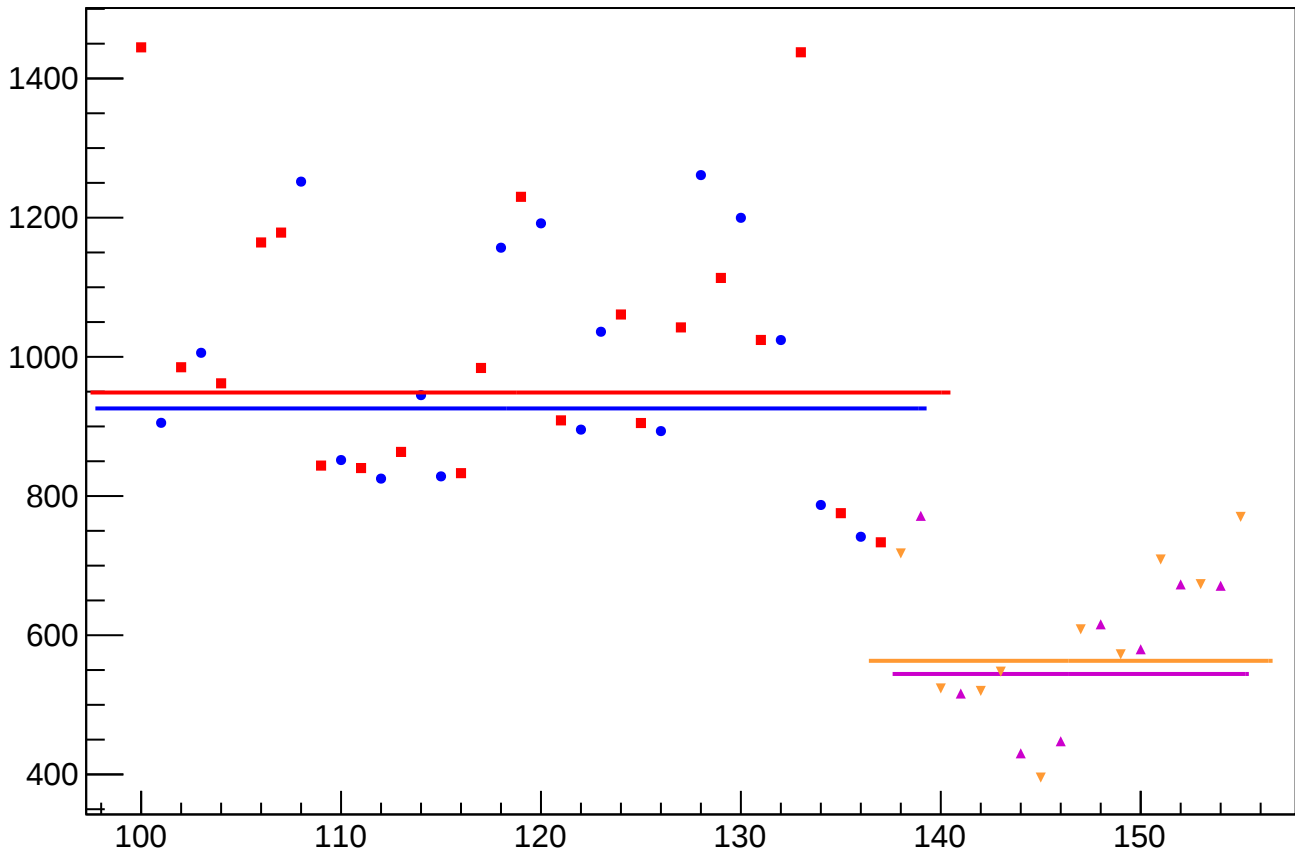
Right Out: -747.208+/-360.830 χ^2/NDF : 13.4/19

Left In: -205.587+/-216.923 χ^2/NDF : 4.3/7

-892.249+/-183.908 χ^2/NDF : 51.1/26

-349.371+/-185.913 χ^2/NDF : 19.4/27

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 925.885+/-0.259 χ^2/NDF : 391084.5/16

Left Out: 563.242+/-0.150 χ^2/NDF : 587883.7/9

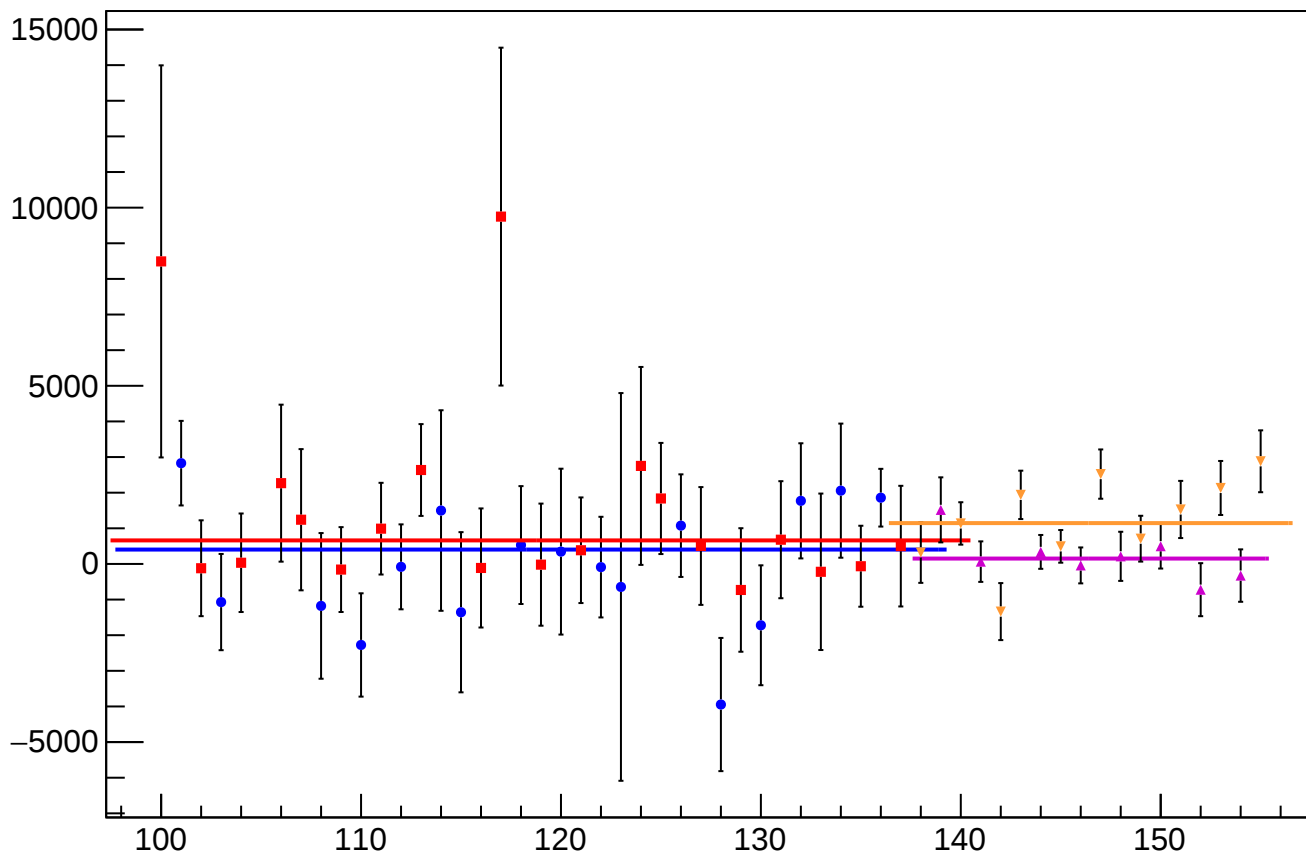
Right Out: 948.760+/-0.255 χ^2/NDF : 382044.0/19

Left In: 544.341+/-0.153 χ^2/NDF : 470754.1/7

654.589+/-0.130 χ^2/NDF : 2444396.8/26

651.702+/-0.131 χ^2/NDF : 2698224.8/27

asym_sam_12345678_avg_mean vs Slug



Right In: 403.591 $\pm$ 367.686 χ^2 /NDF: 22.4/16

Left Out: 1146.279 $\pm$ 214.066 χ^2 /NDF:24.3/9

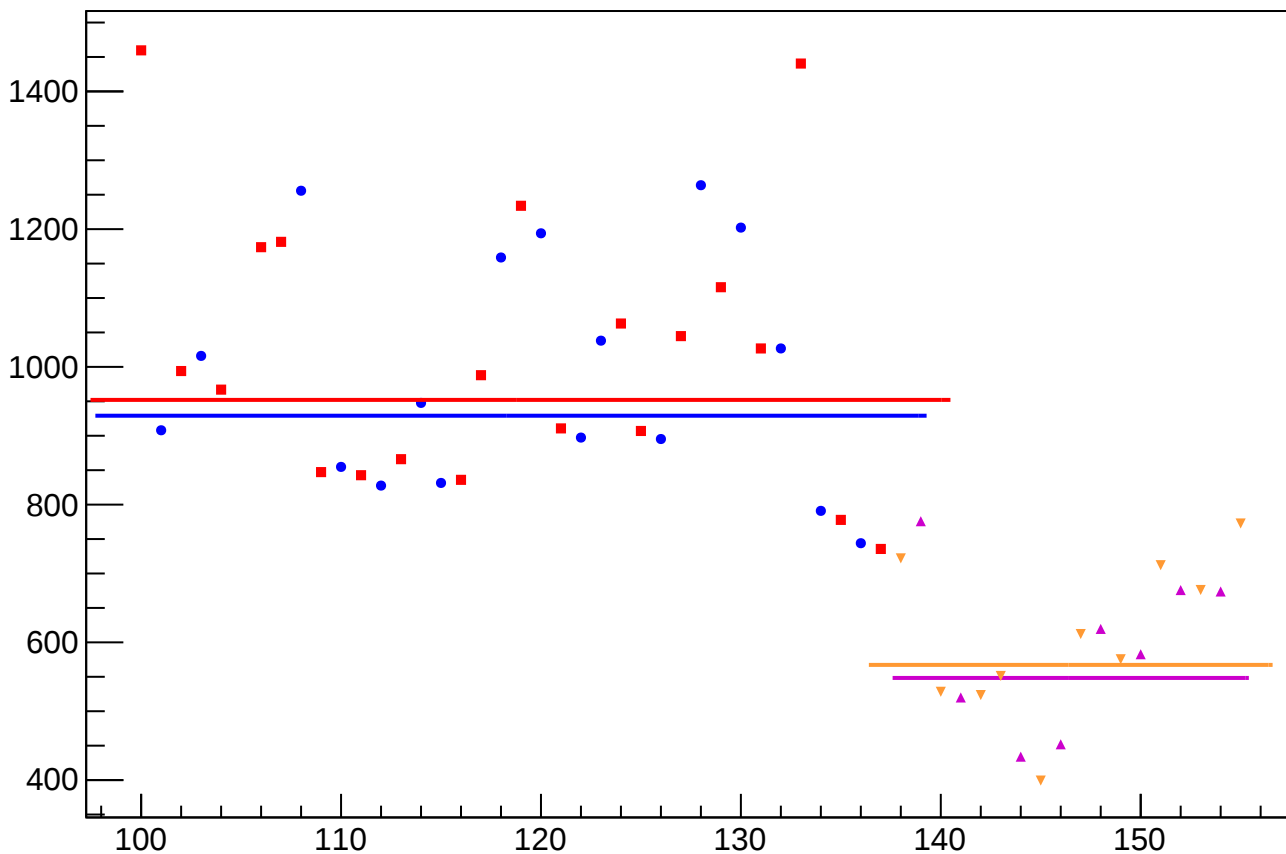
Right Out: 660.630 $\pm$ 362.265 χ^2 /NDF: 12.5/19

Left In: 150.907 $\pm$ 218.434 χ^2 /NDF:4.7/7

958.267 $\pm$ 184.997 χ^2 /NDF: 49.8/26

286.815 $\pm$ 187.060 χ^2 /NDF: 18.7/27

asym_sam_12345678_avg_rms vs Slug



Right In: 929.096+/-0.260 χ^2/NDF : 390292.1/16

Left Out: 567.274+/-0.151 χ^2/NDF : 576966.3/9

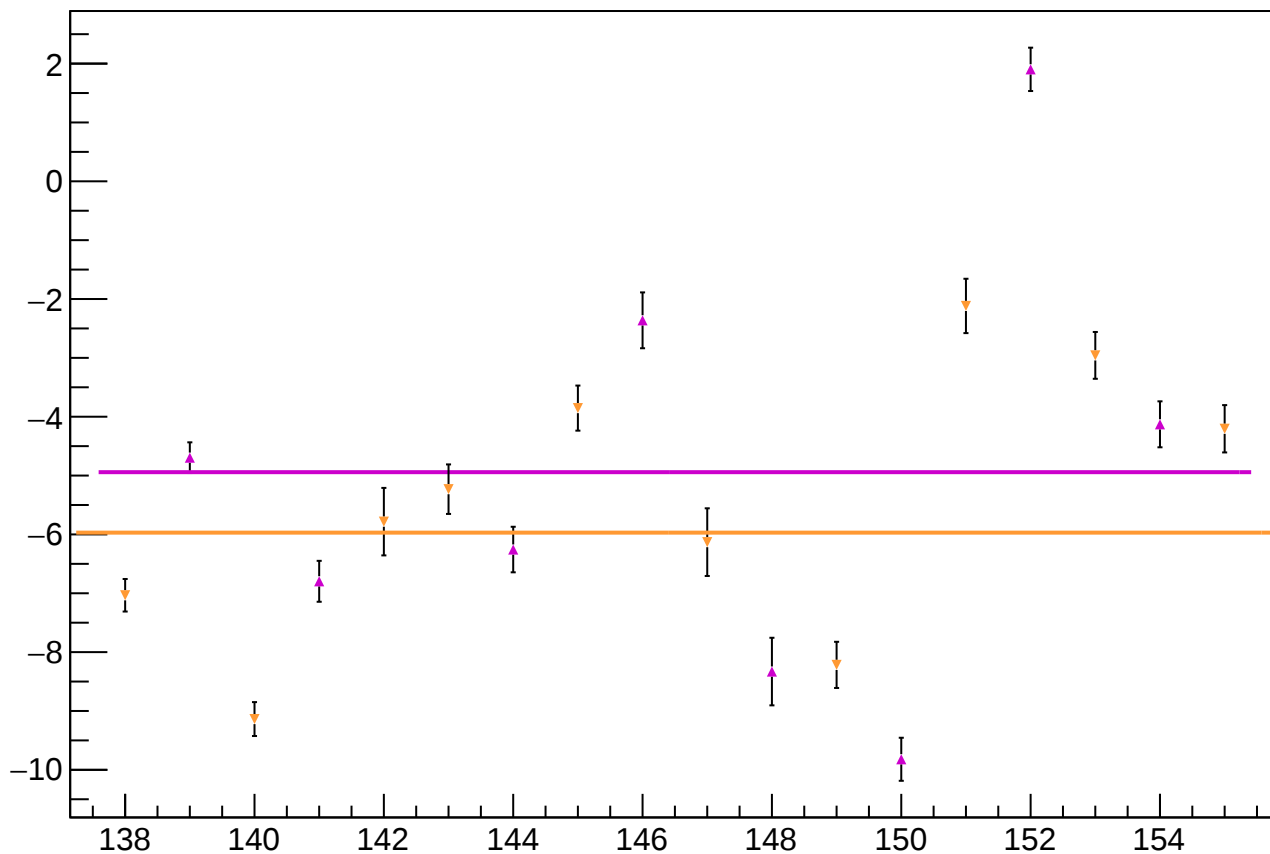
Right Out: 952.057+/-0.256 χ^2/NDF : 382334.5/19

Left In: 548.330+/-0.154 χ^2/NDF : 462469.4/7

658.869+/-0.131 χ^2/NDF : 2413704.1/26

655.976+/-0.132 χ^2/NDF : 2666496.6/27

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -5.970+/-0.122 χ^2/NDF : 348.5/9

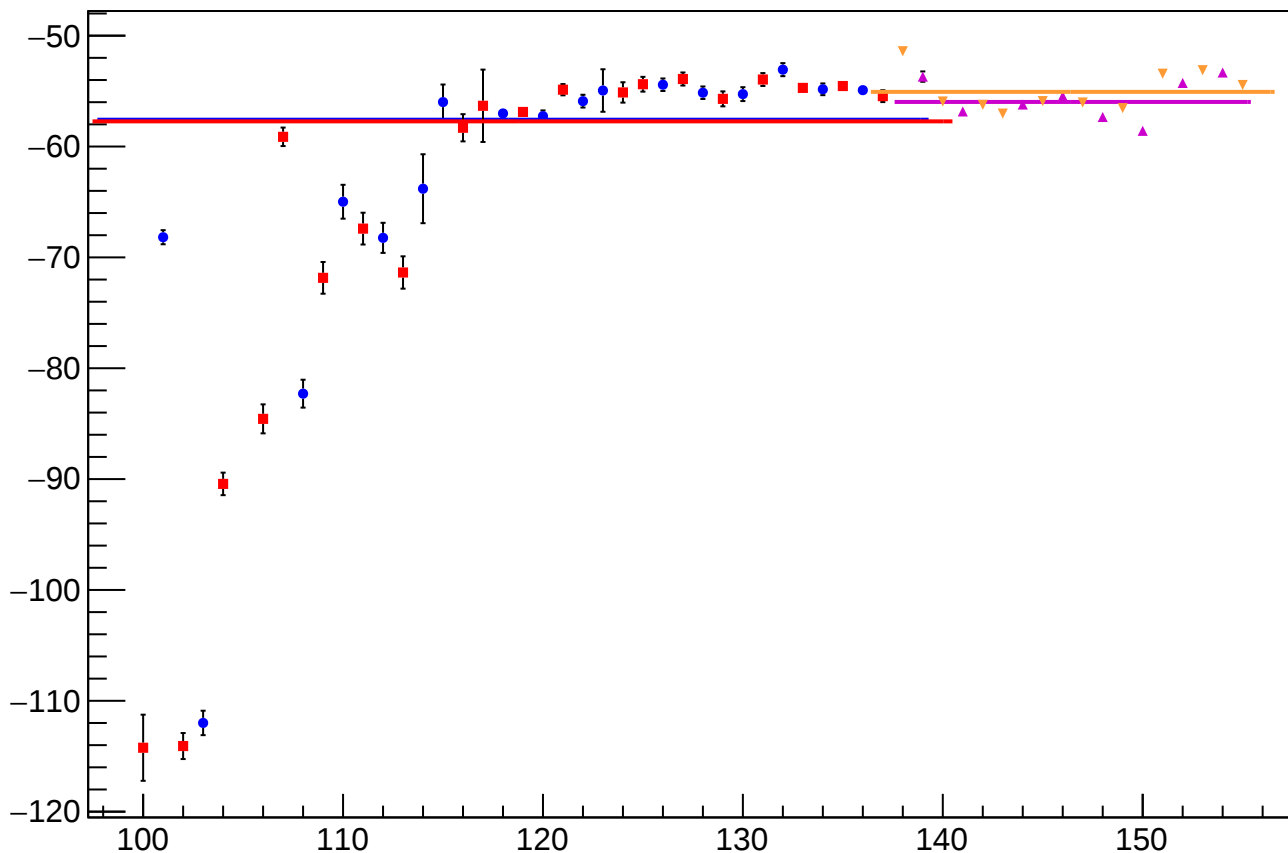
-5.970+/-0.122 χ^2/NDF : 348.5/9

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

-4.942+/-0.131 χ^2/NDF : 632.8/7

Left In: -4.942+/-0.131 χ^2/NDF : 632.8/7

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.581 ± 0.143 $\chi^2/\text{NDF}: 3455.5/16$

Left Out: -55.069 ± 0.090 $\chi^2/\text{NDF}: 338.5/9$

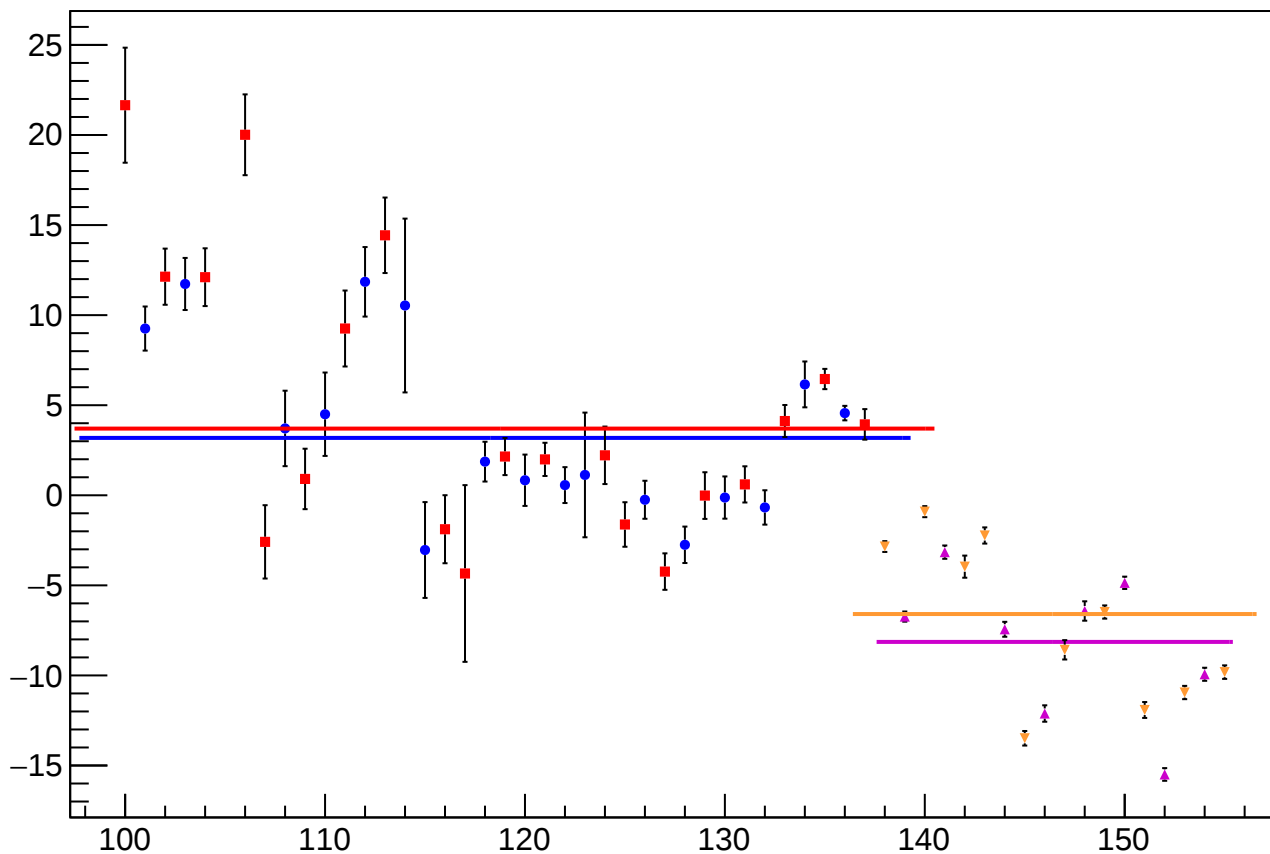
Right Out: -57.730 ± 0.143 $\chi^2/\text{NDF}: 4698.7/19$

Left In: -55.978 ± 0.100 $\chi^2/\text{NDF}: 307.4/7$

-55.785 ± 0.076 $\chi^2/\text{NDF}: 4014.4/26$

-56.558 ± 0.082 $\chi^2/\text{NDF}: 5106.7/27$

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.185 ± 0.259 χ^2/NDF : 185.8/16

Left Out: -6.592 ± 0.123 χ^2/NDF : 1274.8/9

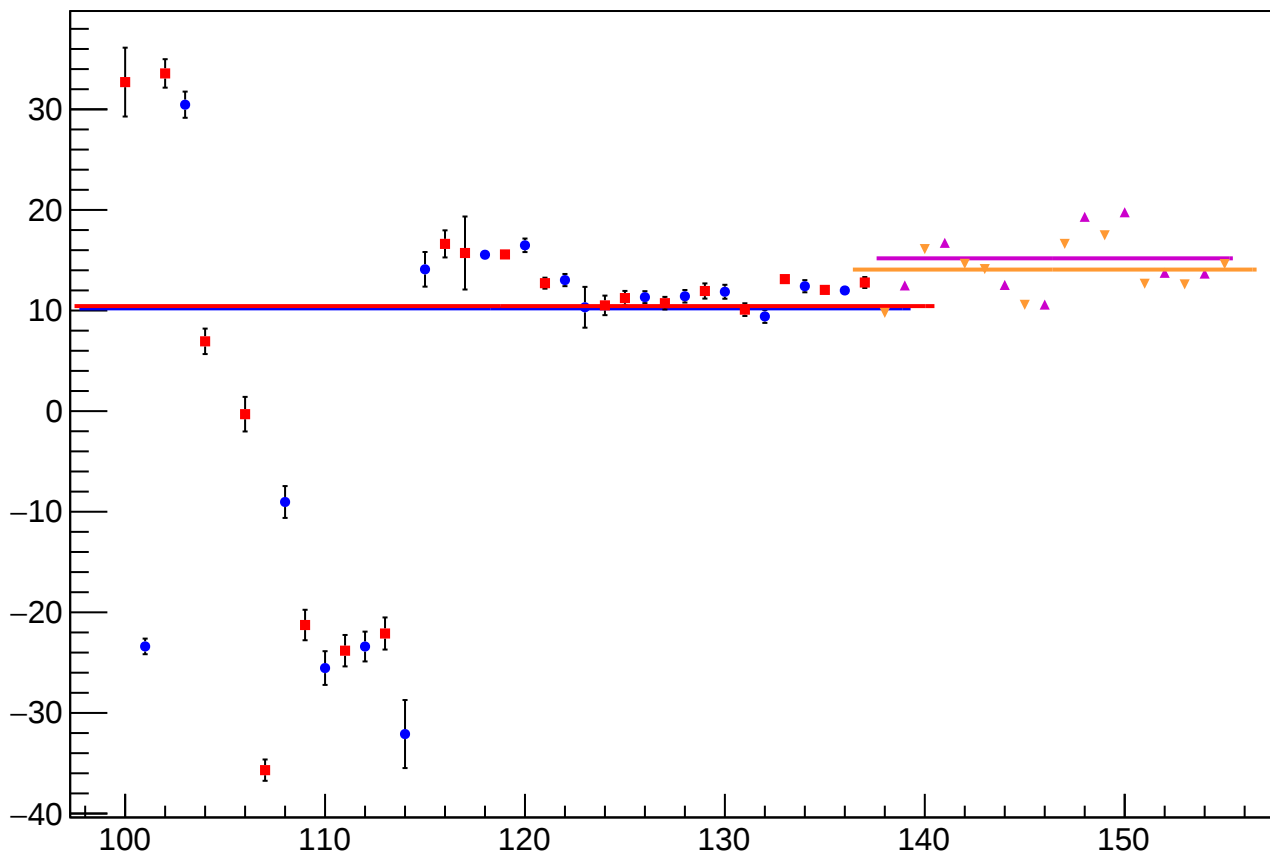
Right Out: 3.702 ± 0.267 χ^2/NDF : 326.8/19

Left In: -8.139 ± 0.131 χ^2/NDF : 848.1/7

-4.789 ± 0.111 χ^2/NDF : 2622.9/26

-5.839 ± 0.118 χ^2/NDF : 2758.1/27

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.215+/-0.158 χ^2/NDF : 3692.6/16

Left Out: 14.072+/-0.108 χ^2/NDF : 501.9/9

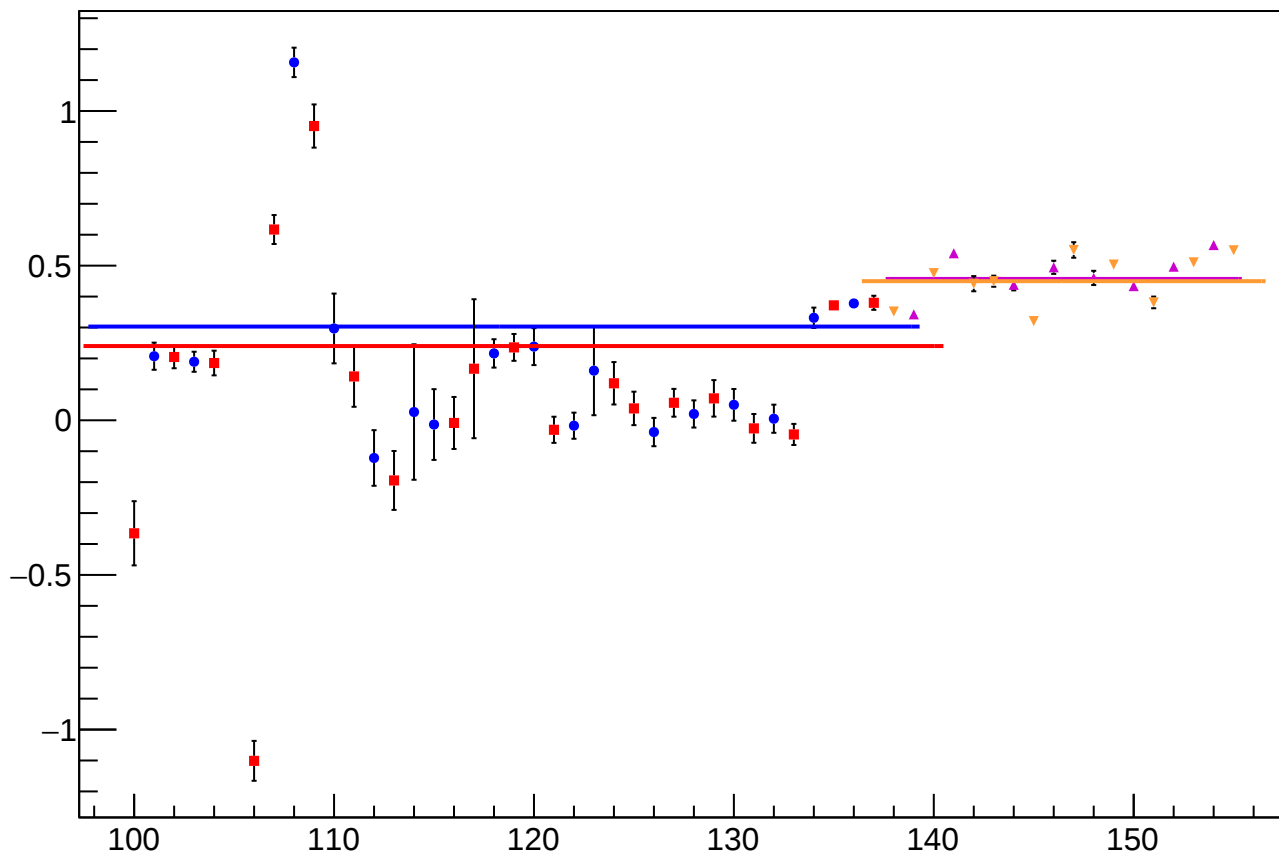
Right Out: 10.440+/-0.160 χ^2/NDF : 3829.1/19

Left In: 15.189+/-0.119 χ^2/NDF : 679.5/7

12.847+/-0.089 χ^2/NDF : 4600.7/26

13.495+/-0.095 χ^2/NDF : 5076.0/27

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.3/16

Left Out: 0.450 ± 0.005 χ^2/NDF : 264.4/9

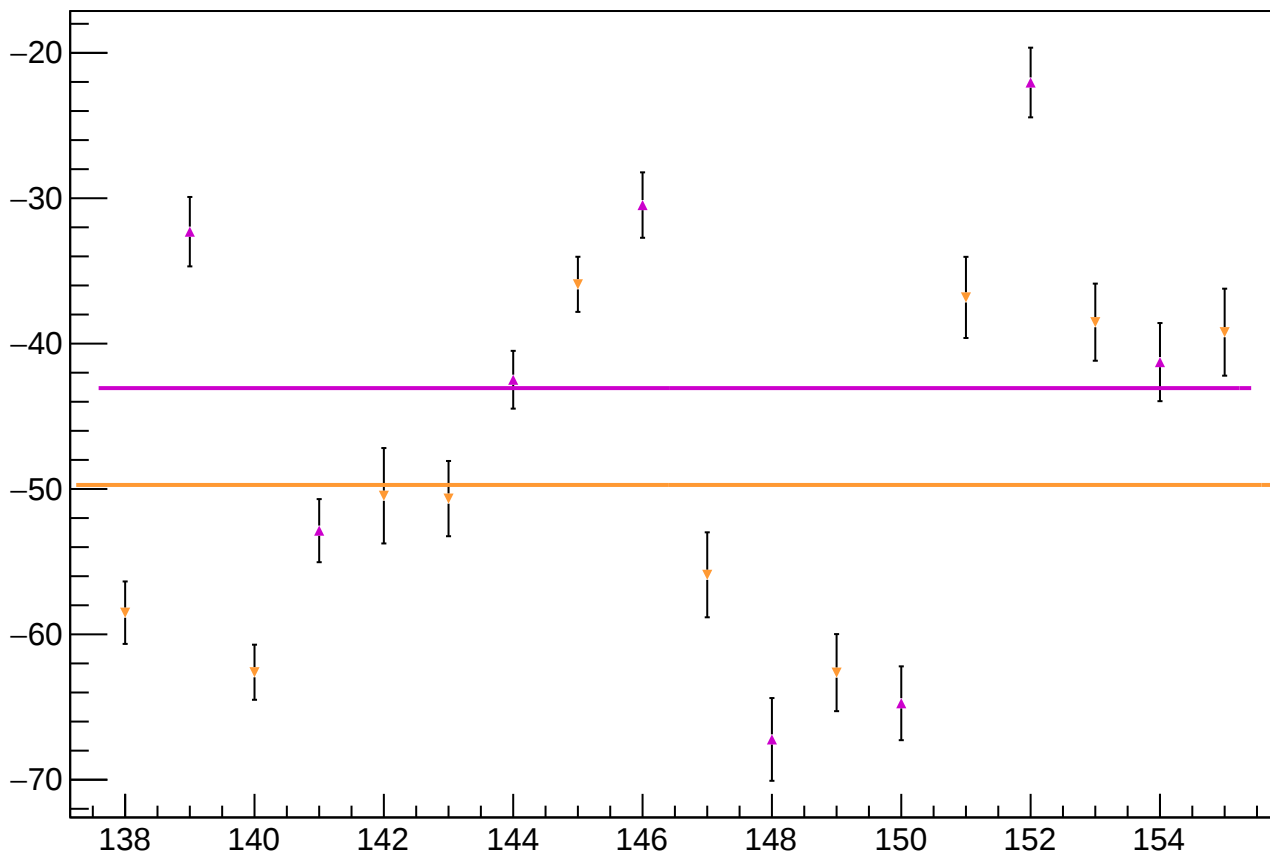
Right Out: 0.240 ± 0.009 χ^2/NDF : 984.5/19

Left In: 0.457 ± 0.005 χ^2/NDF : 253.4/7

0.412 ± 0.004 χ^2/NDF : 1146.6/26

0.399 ± 0.004 χ^2/NDF : 1713.7/27

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -49.722+/-0.777 χ^2/NDF : 195.8/9

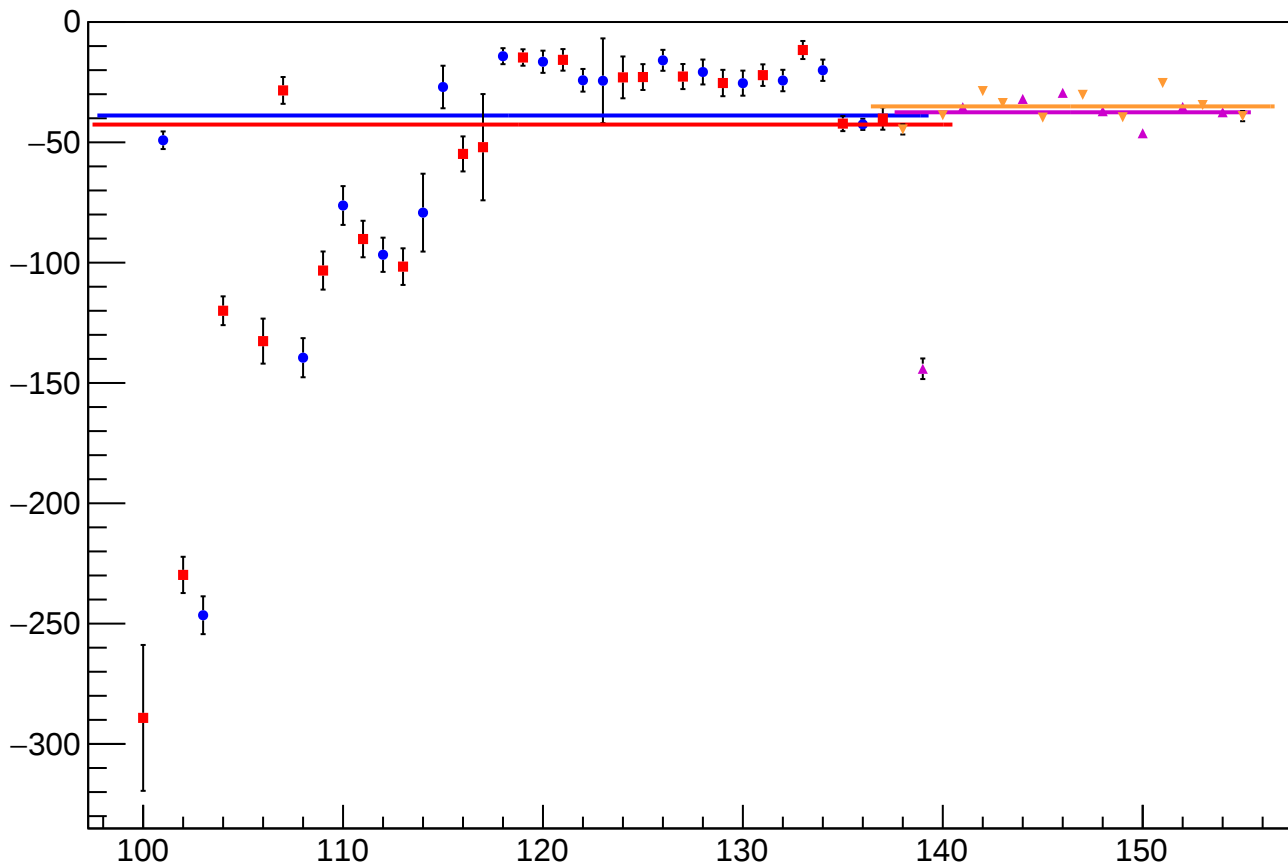
-49.722+/-0.777 χ^2/NDF : 195.8/9

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

-43.061+/-0.836 χ^2/NDF : 294.5/7

Left In: -43.061+/-0.836 χ^2/NDF : 294.5/7

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.844 ± 1.148 χ^2/NDF : 1121.9/16

Left Out: -35.066 ± 0.544 χ^2/NDF : 103.3/9

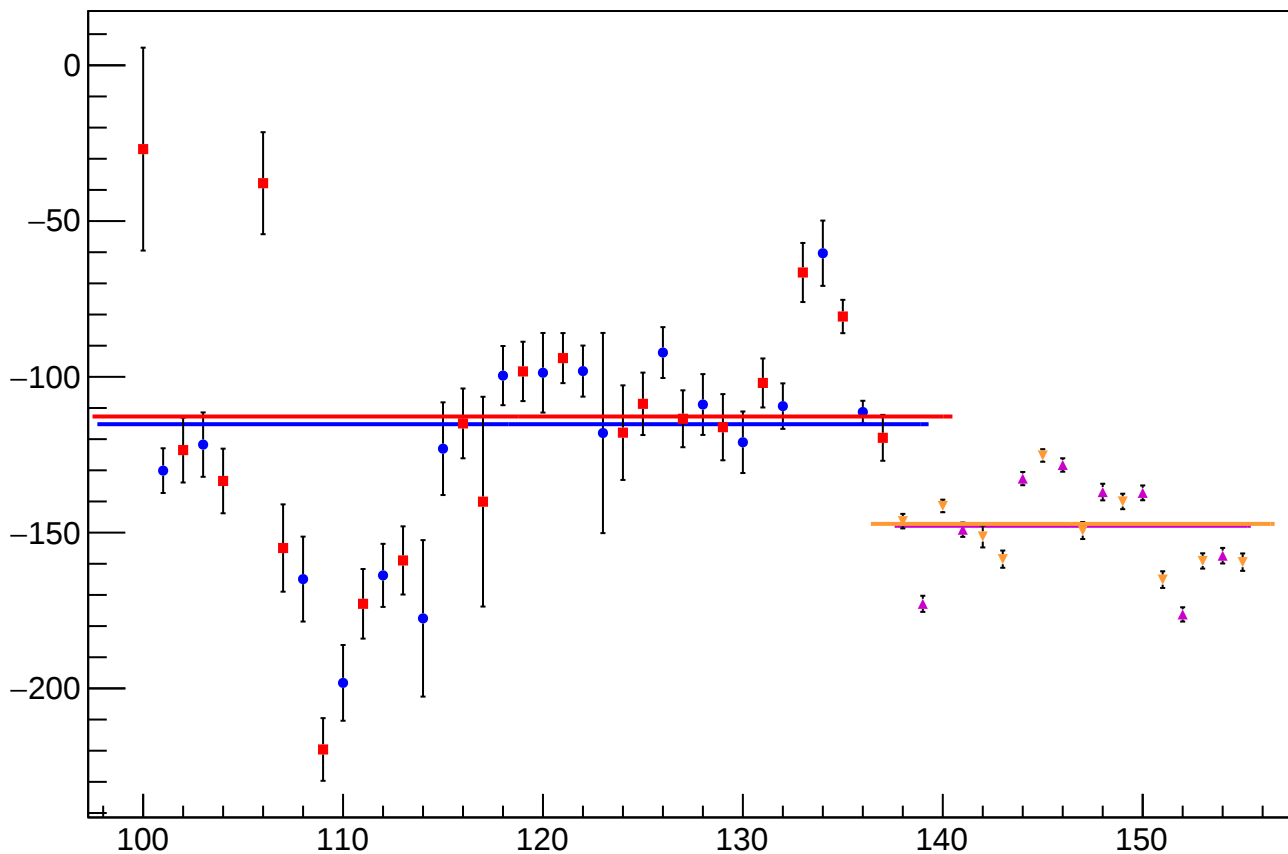
Right Out: -42.614 ± 1.208 χ^2/NDF : 1345.9/19

Left In: -37.514 ± 0.582 χ^2/NDF : 698.5/7

-35.758 ± 0.492 χ^2/NDF : 1234.0/26

-38.473 ± 0.524 χ^2/NDF : 2058.8/27

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.199 ± 2.081 $\chi^2/\text{NDF}: 140.8/16$

Left Out: -147.195 ± 0.786 $\chi^2/\text{NDF}: 241.4/9$

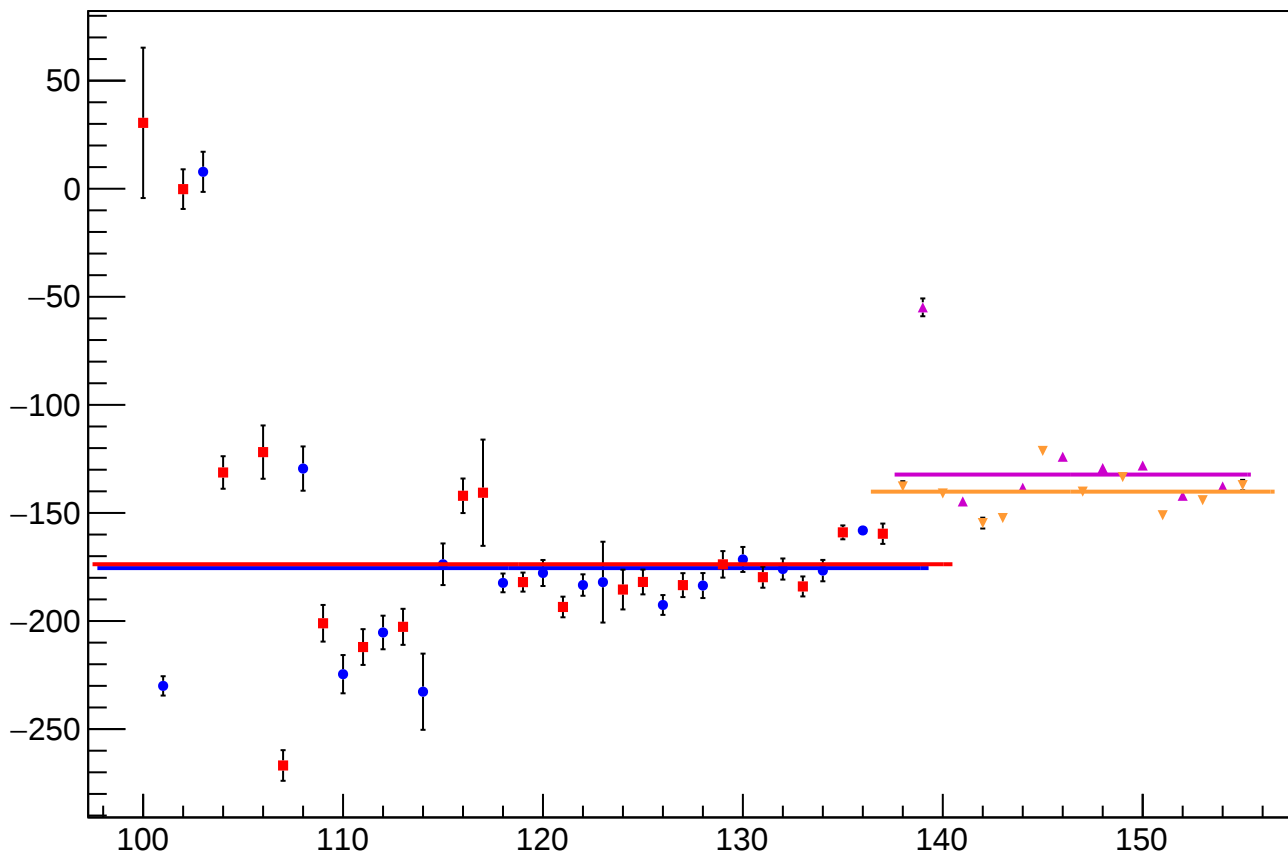
Right Out: -112.729 ± 2.205 $\chi^2/\text{NDF}: 273.1/19$

Left In: -147.808 ± 0.833 $\chi^2/\text{NDF}: 431.4/7$

-143.200 ± 0.735 $\chi^2/\text{NDF}: 589.0/26$

-143.425 ± 0.779 $\chi^2/\text{NDF}: 926.1/27$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.521 ± 1.277 $\chi^2/\text{NDF}: 692.3/16$

Left Out: -140.147 ± 0.661 $\chi^2/\text{NDF}: 224.0/9$

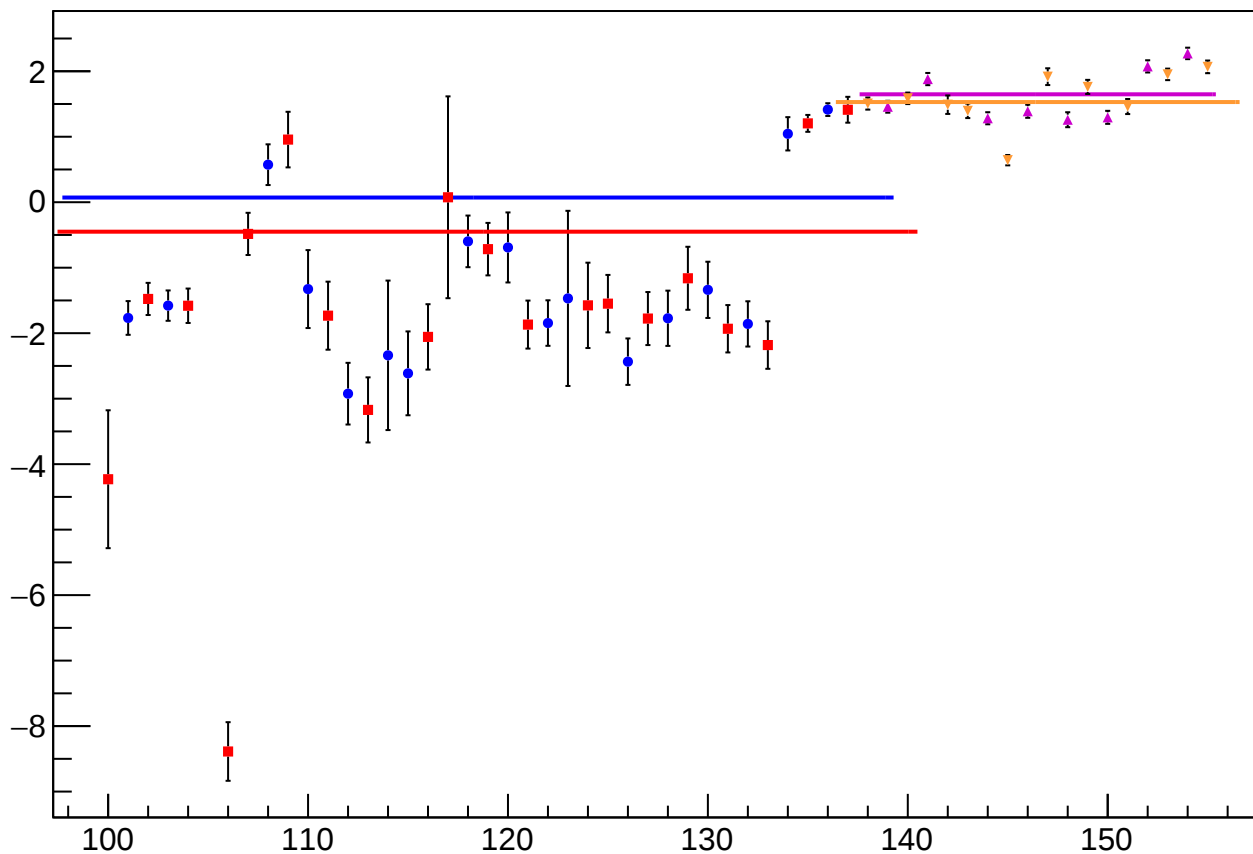
Right Out: -173.729 ± 1.354 $\chi^2/\text{NDF}: 739.7/19$

Left In: -132.243 ± 0.708 $\chi^2/\text{NDF}: 467.6/7$

-147.617 ± 0.587 $\chi^2/\text{NDF}: 1521.5/26$

-141.148 ± 0.628 $\chi^2/\text{NDF}: 1944.1/27$

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.072 ± 0.067 χ^2/NDF : 525.2/16

Left Out: 1.530 ± 0.032 χ^2/NDF : 196.0/9

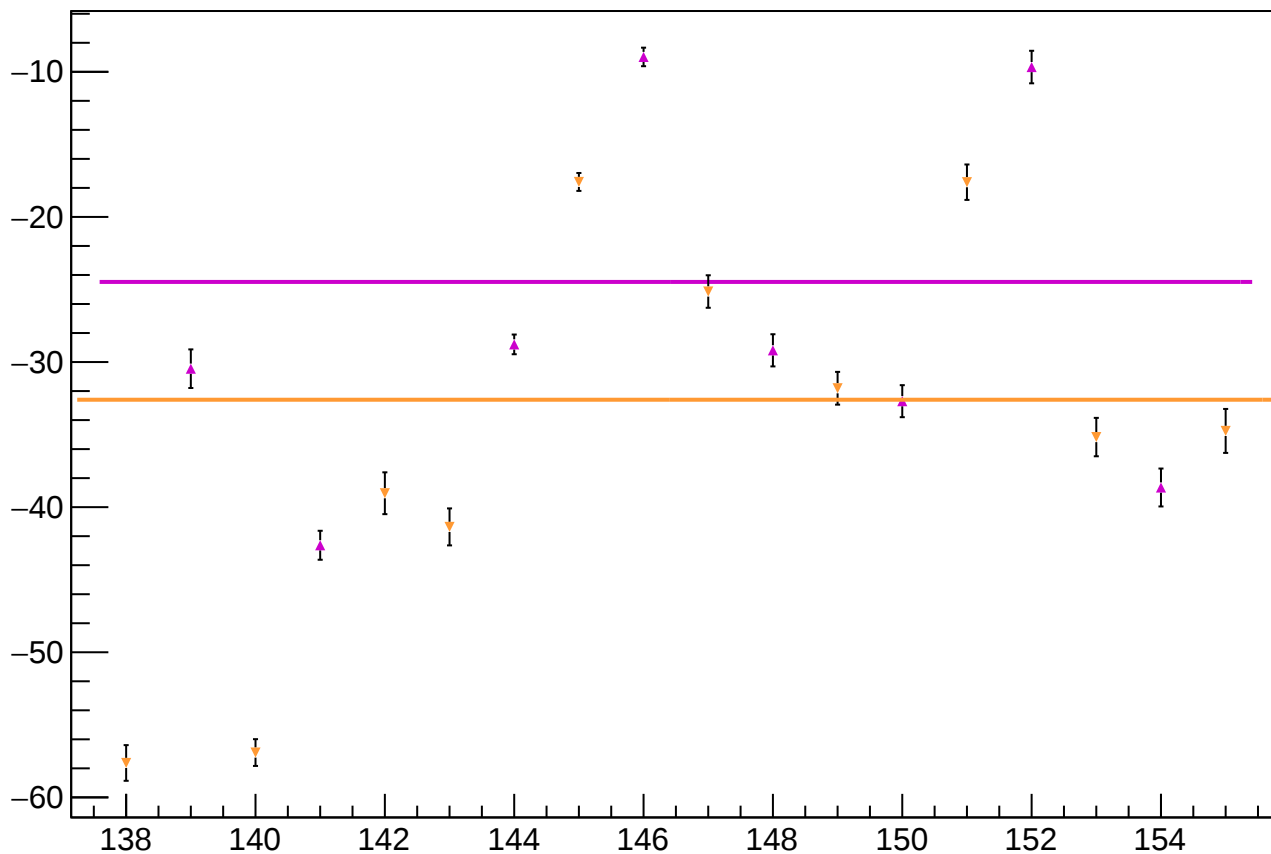
Right Out: -0.450 ± 0.071 χ^2/NDF : 751.4/19

Left In: 1.648 ± 0.034 χ^2/NDF : 128.6/7

1.264 ± 0.029 χ^2/NDF : 1107.0/26

1.263 ± 0.031 χ^2/NDF : 1587.7/27

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.597+/-0.337 χ^2/NDF : 1969.0/9

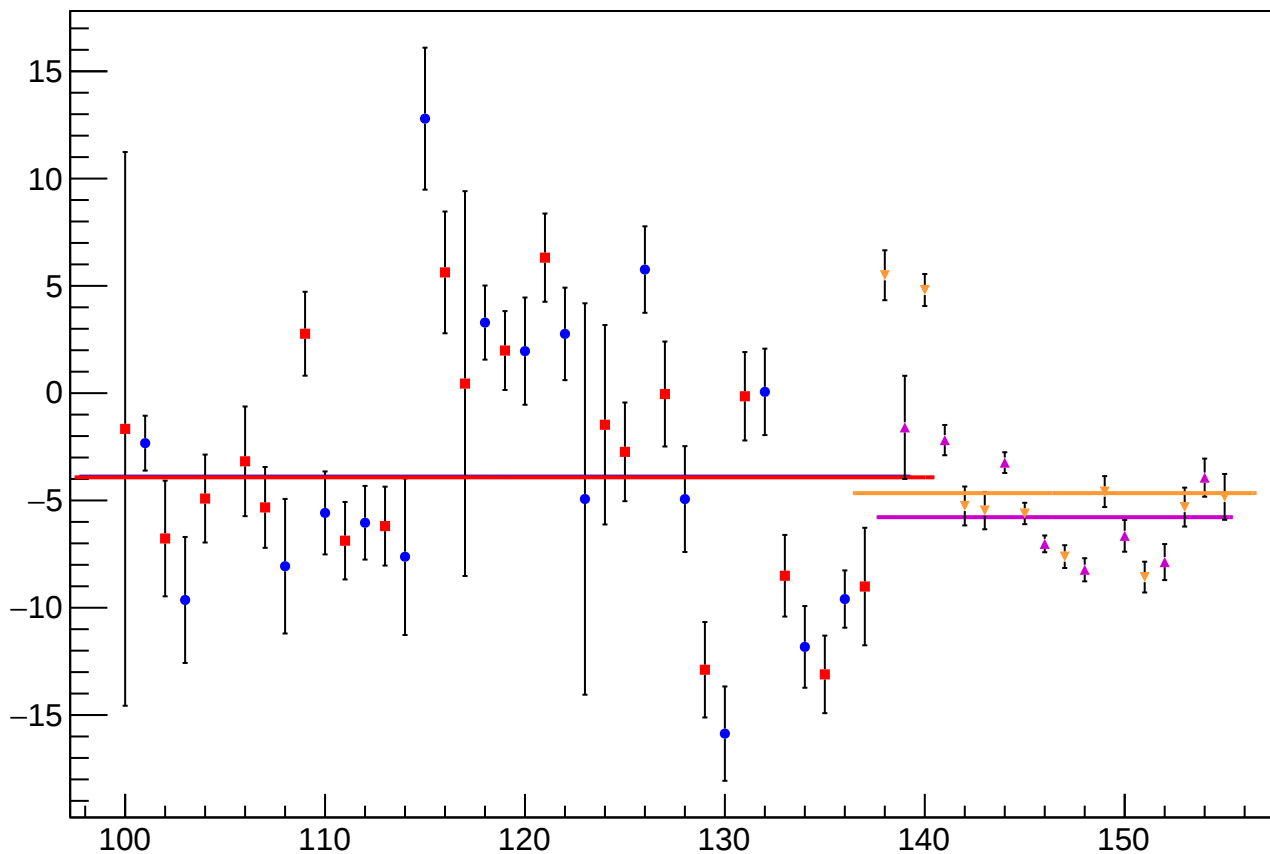
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.479+/-0.330 χ^2/NDF : 1346.1/7

-32.597+/-0.337 χ^2/NDF : 1969.0/9

-24.479+/-0.330 χ^2/NDF : 1346.1/7

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.890±/0.498 χ^2/NDF : 160.5/16

Left Out: -4.659±/0.232 χ^2/NDF : 303.7/9

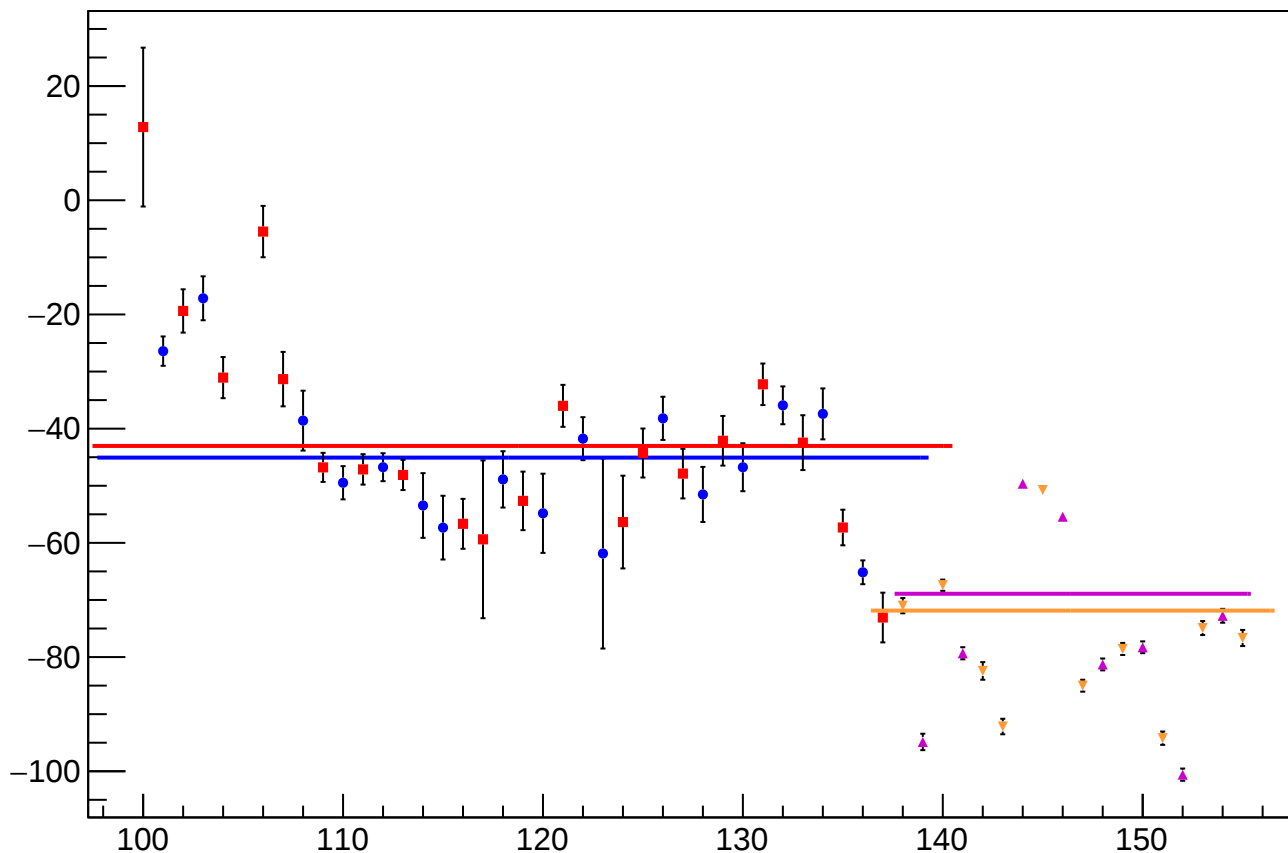
Right Out: -3.923±/0.506 χ^2/NDF : 122.4/19

Left In: -5.780±/0.218 χ^2/NDF : 99.3/7

-4.522±/0.210 χ^2/NDF : 466.1/26

-5.488±/0.201 χ^2/NDF : 233.0/27

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.070 ± 0.883 χ^2/NDF : 229.7/16

Left Out: -71.862 ± 0.341 χ^2/NDF : 1909.8/9

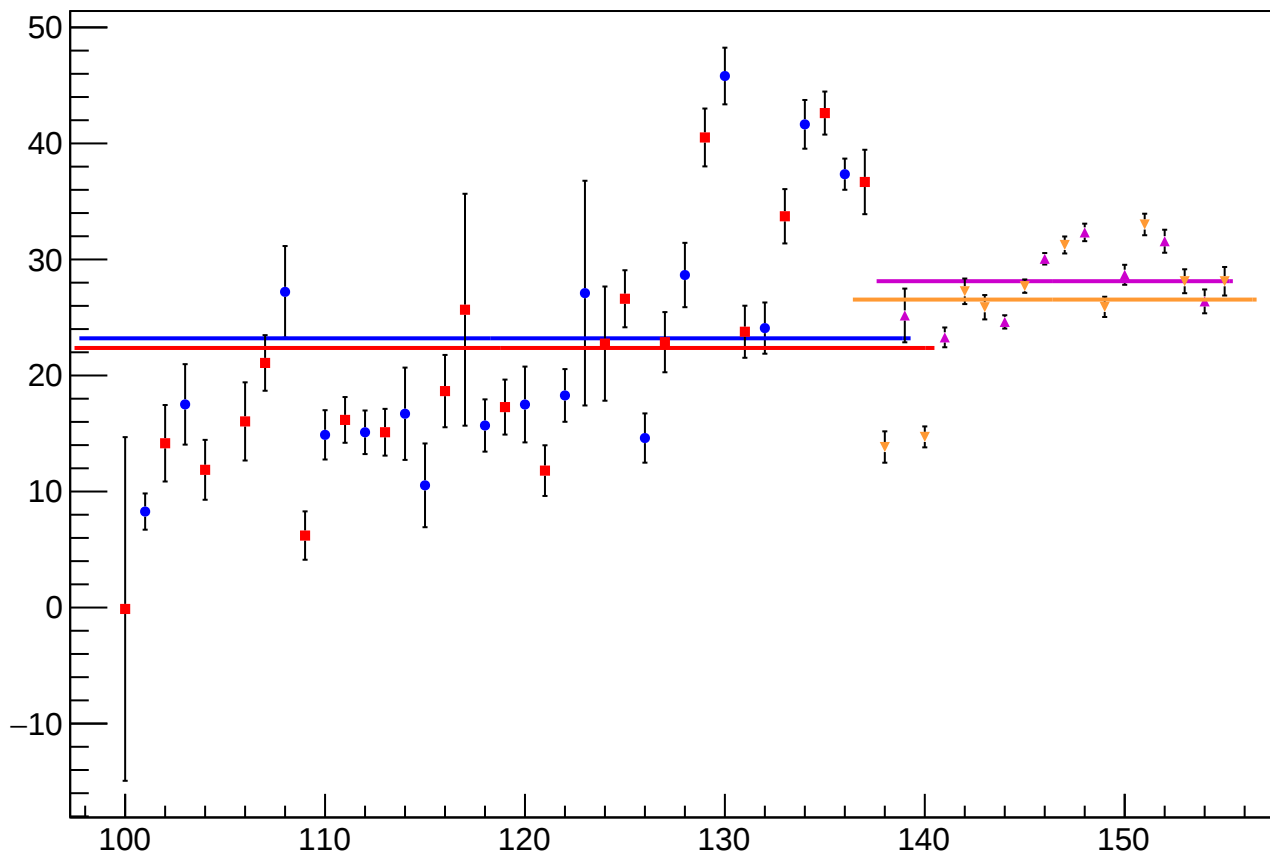
Right Out: -43.025 ± 0.876 χ^2/NDF : 249.7/19

Left In: -68.914 ± 0.327 χ^2/NDF : 2713.4/7

-68.386 ± 0.318 χ^2/NDF : 2940.1/26

-65.741 ± 0.307 χ^2/NDF : 3729.3/27

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.205 ± 0.559 $\chi^2/\text{NDF}: 457.3/16$

Left Out: 26.543 ± 0.283 $\chi^2/\text{NDF}: 359.6/9$

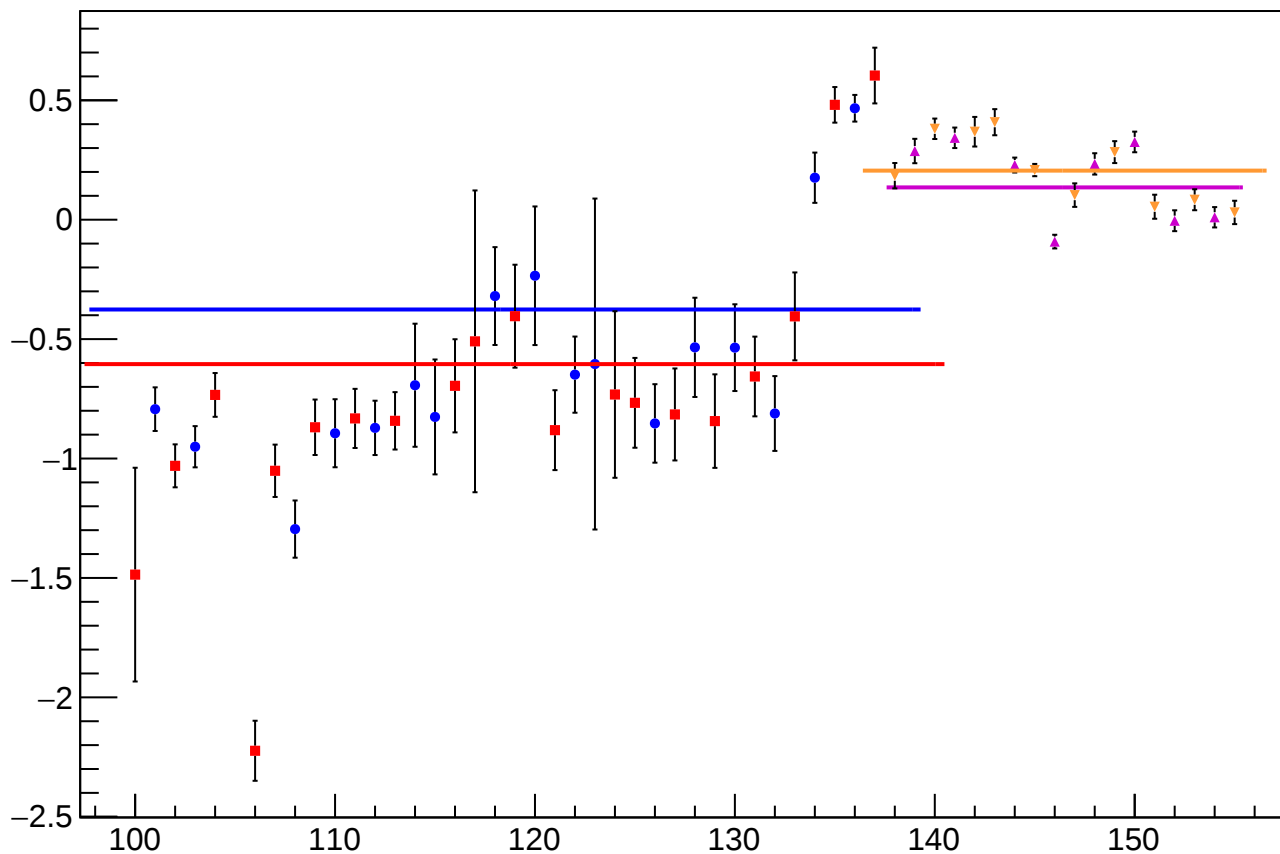
Right Out: 22.372 ± 0.572 $\chi^2/\text{NDF}: 367.0/19$

Left In: 28.127 ± 0.270 $\chi^2/\text{NDF}: 132.9/7$

25.860 ± 0.253 $\chi^2/\text{NDF}: 845.2/26$

27.079 ± 0.244 $\chi^2/\text{NDF}: 582.8/27$

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.376 ± 0.030 χ^2/NDF : 437.3/16

Left Out: 0.206 ± 0.014 χ^2/NDF : 74.3/9

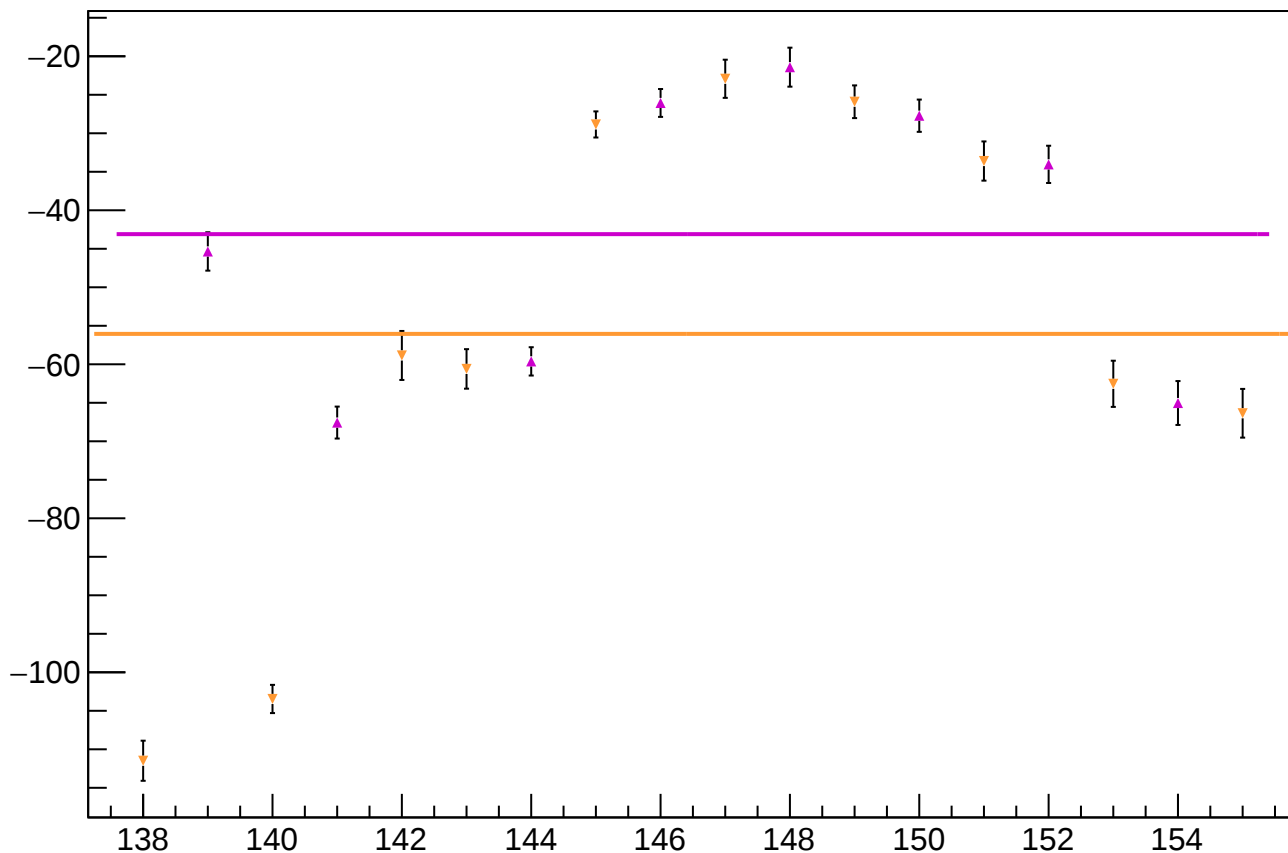
Right Out: -0.605 ± 0.030 χ^2/NDF : 551.2/19

Left In: 0.135 ± 0.014 χ^2/NDF : 147.0/7

0.104 ± 0.013 χ^2/NDF : 819.3/26

0.008 ± 0.013 χ^2/NDF : 1195.4/27

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -56.053+/-0.747 χ^2/NDF : 1857.0/9

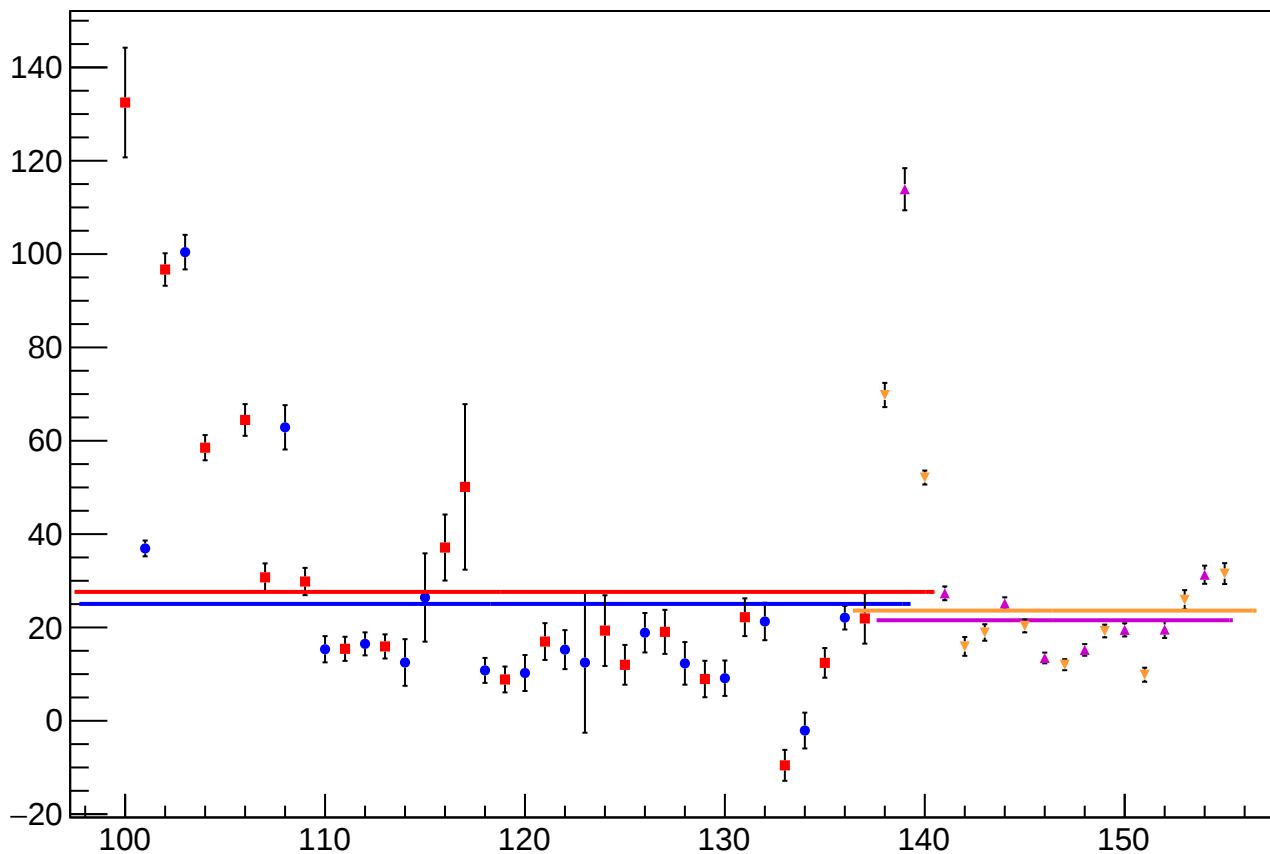
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.099+/-0.773 χ^2/NDF : 509.8/7

-56.053+/-0.747 χ^2/NDF : 1857.0/9

-43.099+/-0.773 χ^2/NDF : 509.8/7

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.045 $\pm$ 0.806 χ^2 /NDF: 686.4/16

Left Out: 23.608 $\pm$ 0.513 χ^2 /NDF: 908.6/9

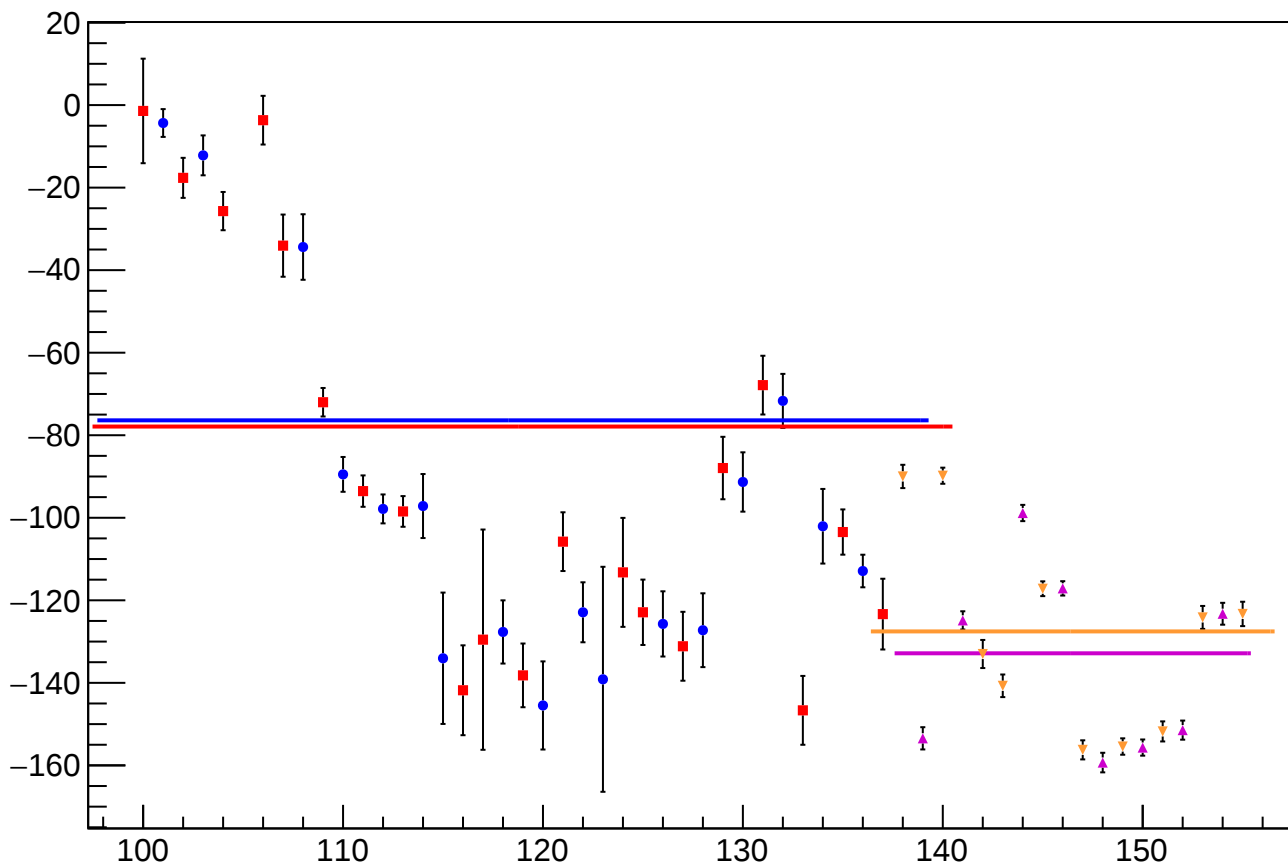
Right Out: 27.620 $\pm$ 0.809 χ^2 /NDF: 1014.4/19

Left In: 21.541 $\pm$ 0.531 χ^2 /NDF: 544.8/7

24.023 $\pm$ 0.433 χ^2 /NDF: 1597.3/26

23.369 $\pm$ 0.444 χ^2 /NDF: 1598.6/27

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.392 ± 1.416 χ^2/NDF : 1031.9/16

Left Out: -127.537 ± 0.751 χ^2/NDF : 1063.4/9

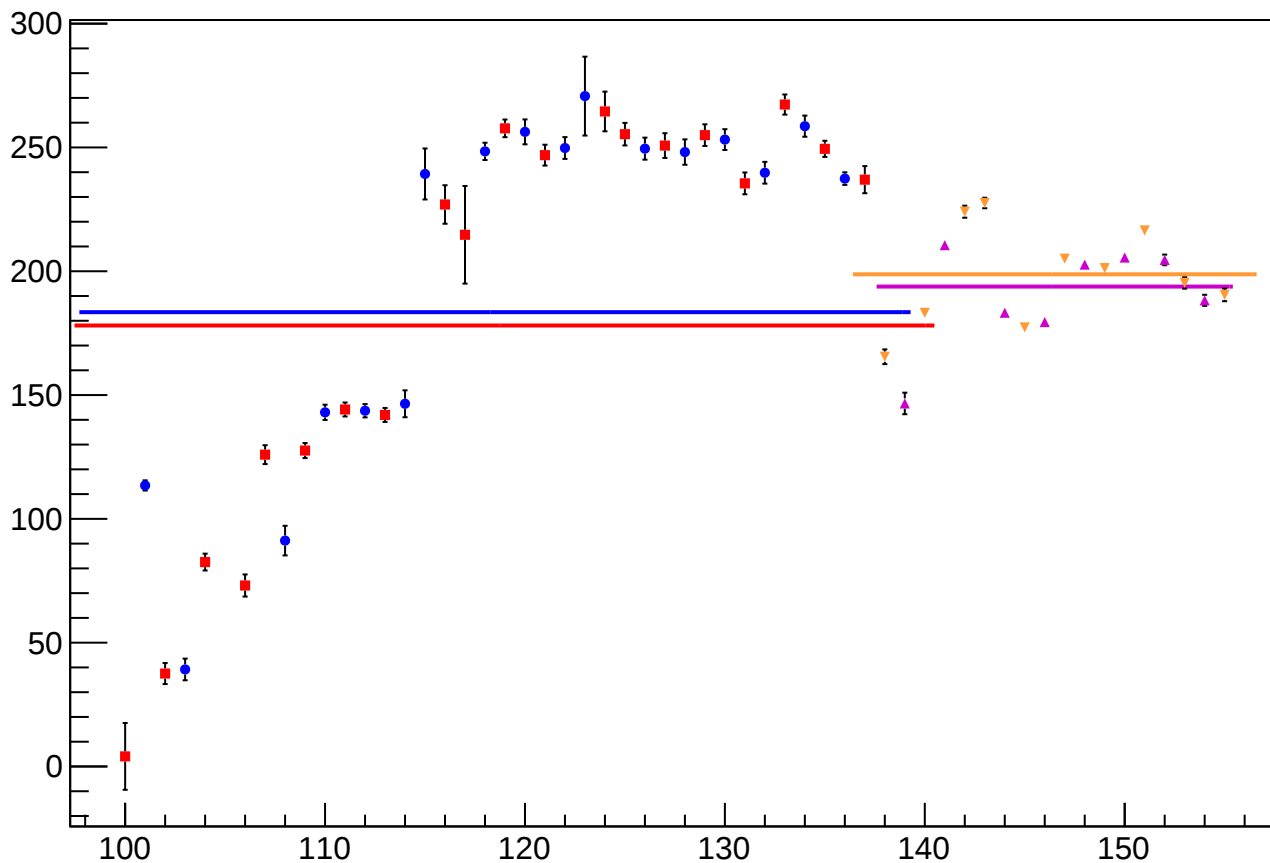
Right Out: -77.894 ± 1.351 χ^2/NDF : 876.4/19

Left In: -132.841 ± 0.767 χ^2/NDF : 789.2/7

-116.307 ± 0.664 χ^2/NDF : 3113.2/26

-119.440 ± 0.667 χ^2/NDF : 2916.2/27

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.478 ± 0.919 $\chi^2/\text{NDF}: 5331.4/16$

Left Out: 198.765 ± 0.627 $\chi^2/\text{NDF}: 784.0/9$

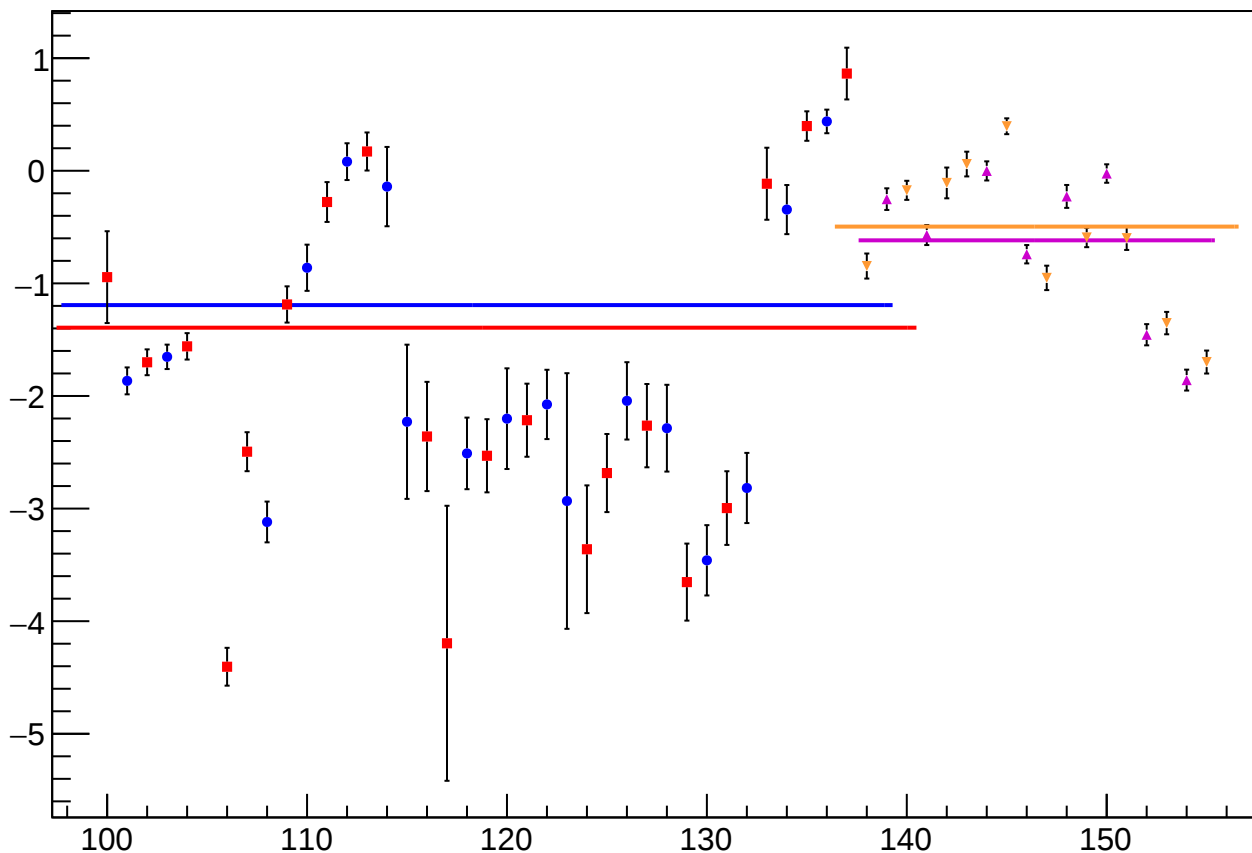
Right Out: 178.092 ± 0.923 $\chi^2/\text{NDF}: 6349.2/19$

Left In: 193.812 ± 0.647 $\chi^2/\text{NDF}: 461.3/7$

193.909 ± 0.518 $\chi^2/\text{NDF}: 6304.4/26$

188.635 ± 0.530 $\chi^2/\text{NDF}: 7005.0/27$

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.193 ± 0.048 χ^2/NDF : 621.7/16

Left Out: -0.496 ± 0.031 χ^2/NDF : 451.9/9

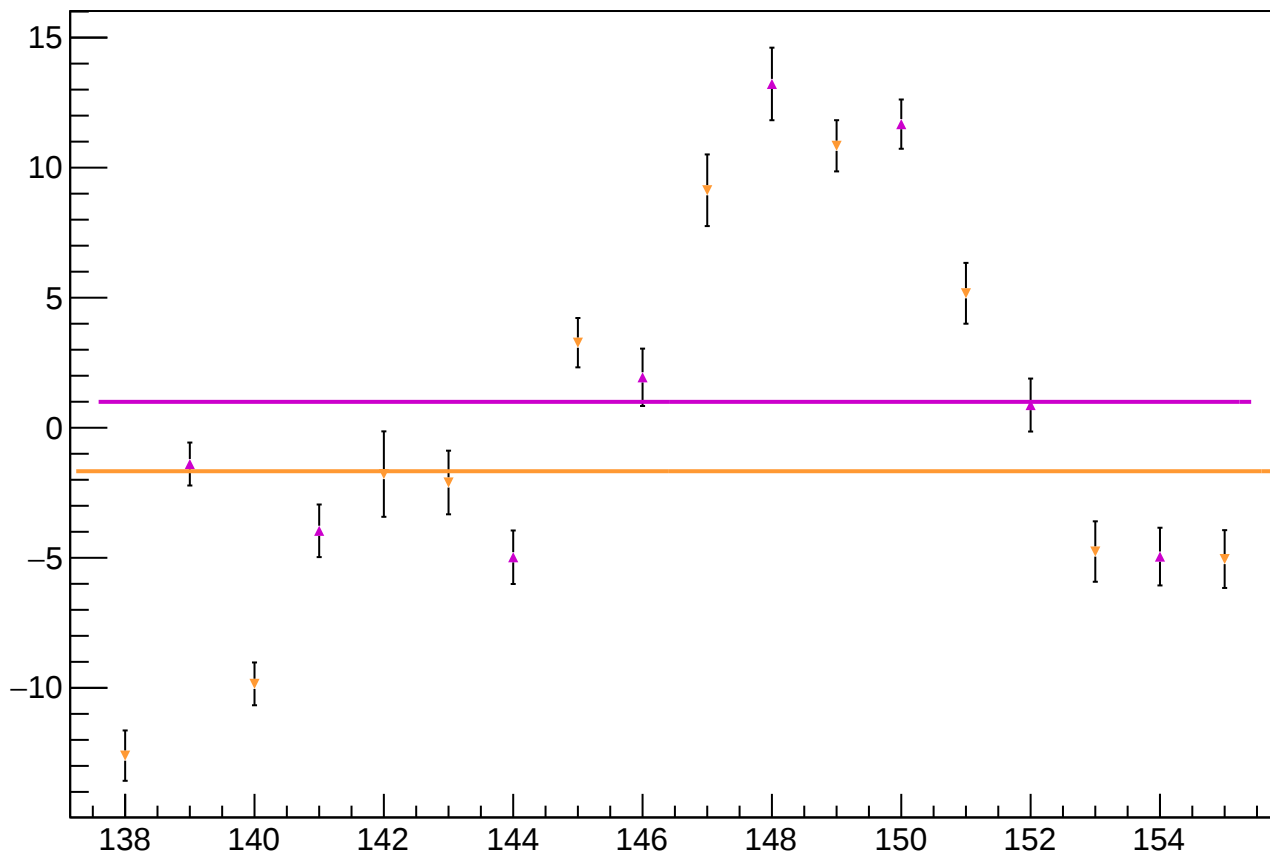
Right Out: -1.393 ± 0.046 χ^2/NDF : 925.8/19

Left In: -0.618 ± 0.032 χ^2/NDF : 394.7/7

-0.696 ± 0.026 χ^2/NDF : 1222.8/26

-0.869 ± 0.026 χ^2/NDF : 1514.7/27

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -1.671+/-0.342 χ^2/NDF : 527.3/9

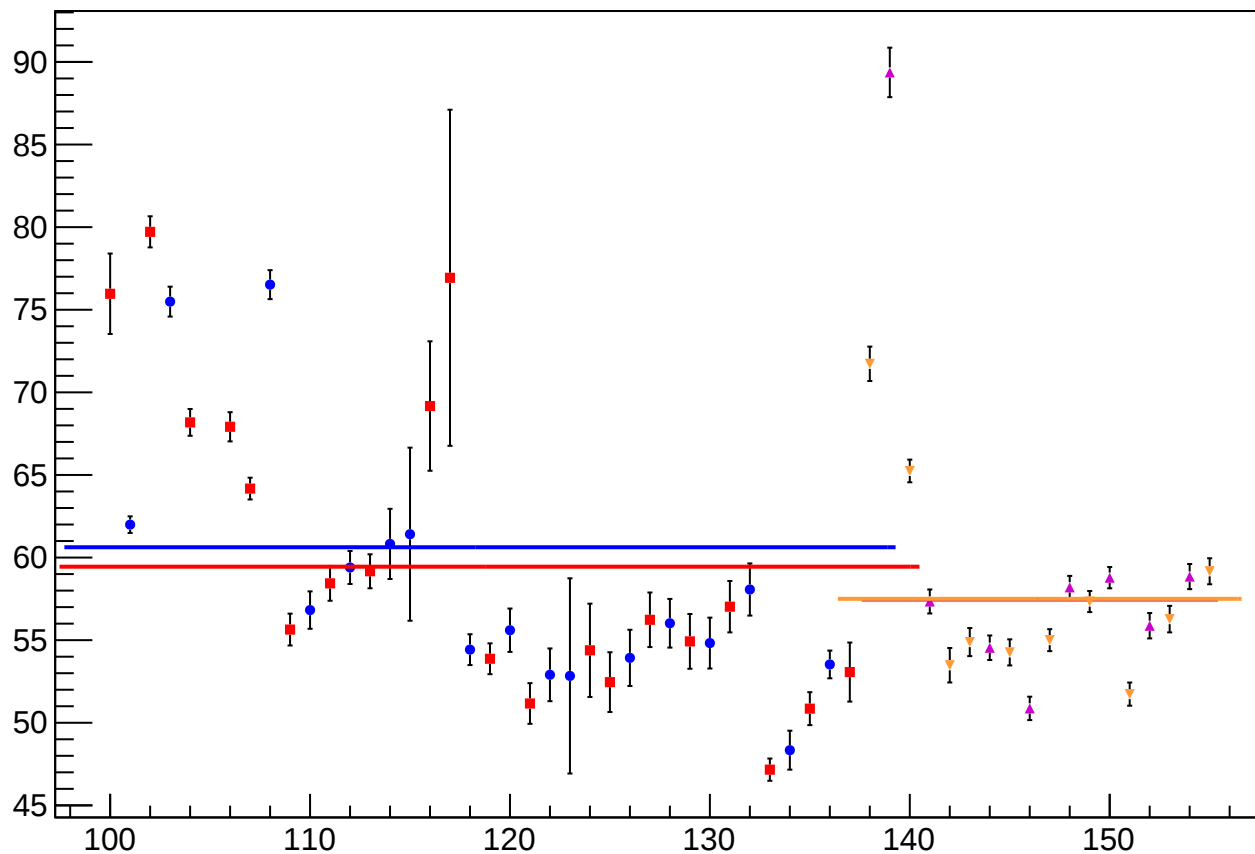
-1.671+/-0.342 χ^2/NDF : 527.3/9

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

0.996+/-0.362 χ^2/NDF : 299.5/7

Left In: 0.996+/-0.362 χ^2/NDF : 299.5/7

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.625 +/- 0.263 χ^2/NDF : 924.6/16

Left Out: 57.503 +/- 0.243 χ^2/NDF : 443.7/9

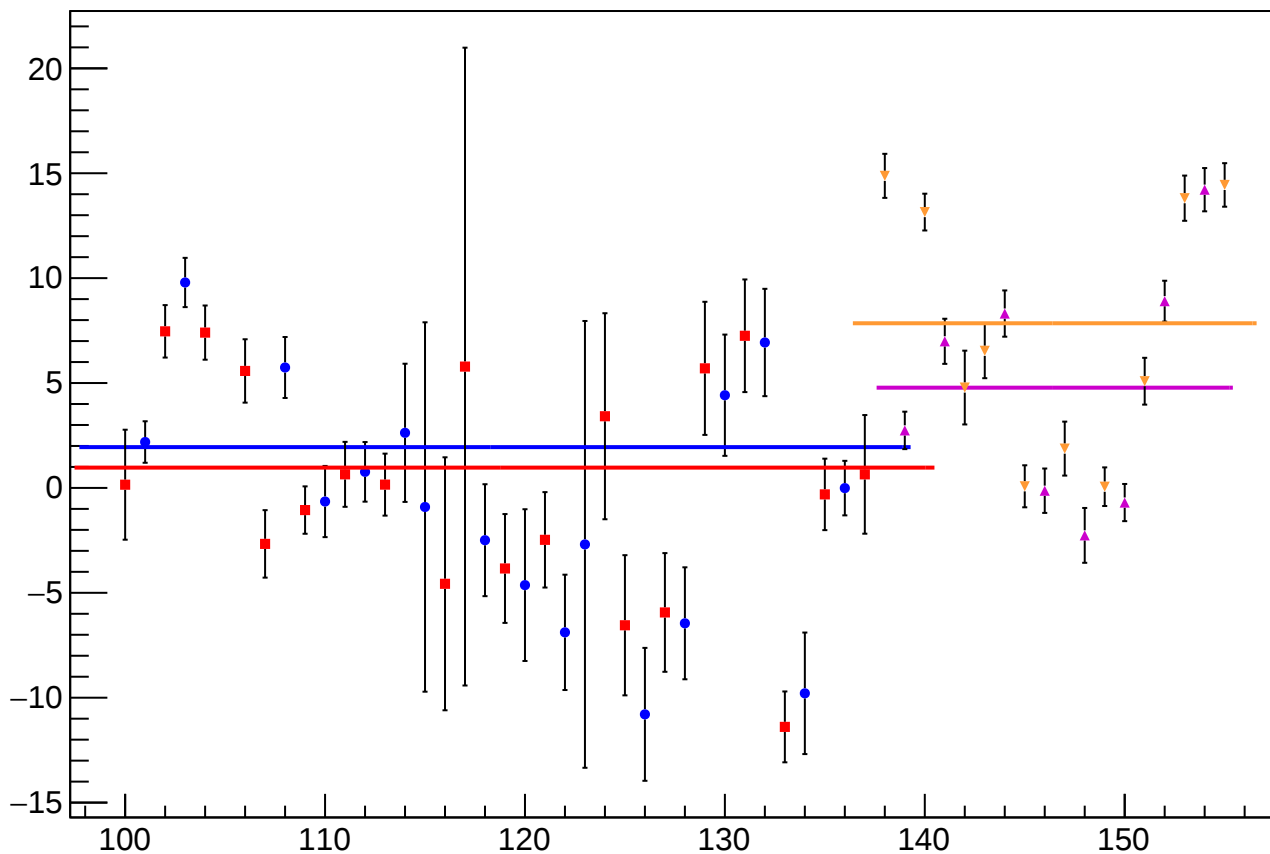
Right Out: 59.448 +/- 0.248 χ^2/NDF : 1326.3/19

Left In: 57.457 +/- 0.267 χ^2/NDF : 568.7/7

58.943 +/- 0.179 χ^2/NDF : 1444.2/26

58.525 +/- 0.181 χ^2/NDF : 1924.9/27

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.945 ± 0.459 χ^2/NDF : 120.6/16

Left Out: 7.849 ± 0.343 χ^2/NDF : 315.9/9

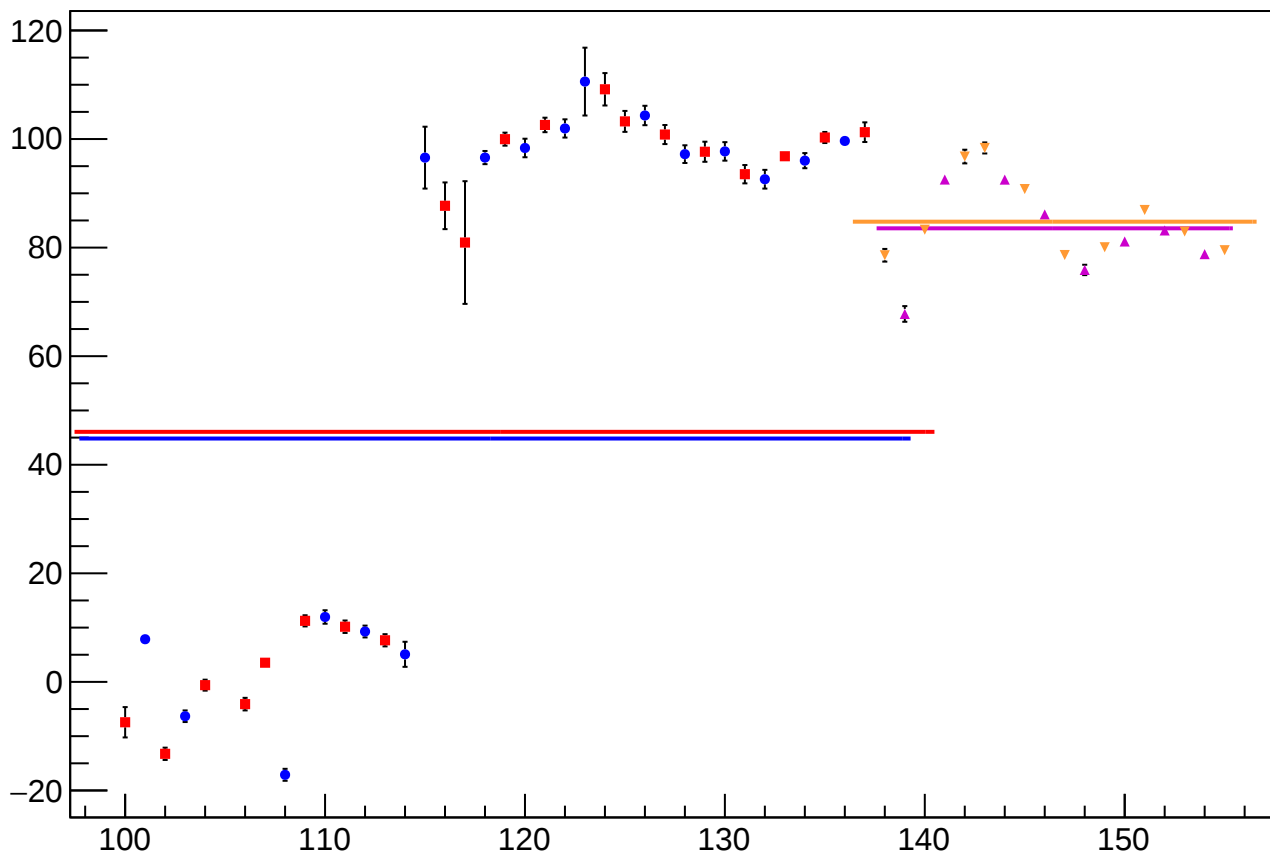
Right Out: 0.968 ± 0.424 χ^2/NDF : 149.6/19

Left In: 4.778 ± 0.361 χ^2/NDF : 210.1/7

5.731 ± 0.275 χ^2/NDF : 542.7/26

3.180 ± 0.275 χ^2/NDF : 406.6/27

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.829+/-0.305 χ^2/NDF : 24763.1/16

Left Out: 84.775+/-0.293 χ^2/NDF : 471.7/9

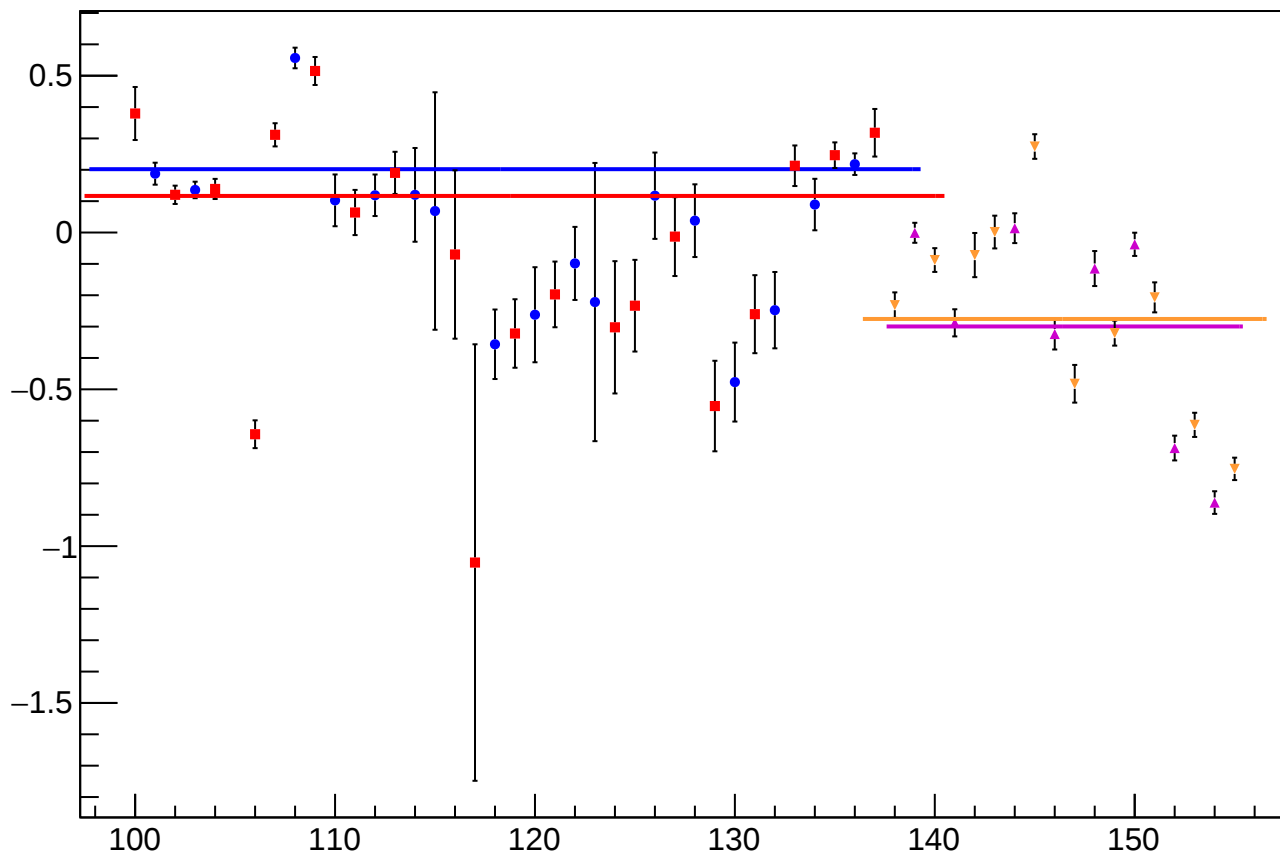
Right Out: 46.062+/-0.289 χ^2/NDF : 28272.9/19

Left In: 83.550+/-0.319 χ^2/NDF : 444.3/7

65.559+/-0.211 χ^2/NDF : 34156.7/26

62.990+/-0.214 χ^2/NDF : 36295.1/27

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.014 χ^2/NDF : 216.0/16

Left Out: -0.276 ± 0.014 χ^2/NDF : 529.4/9

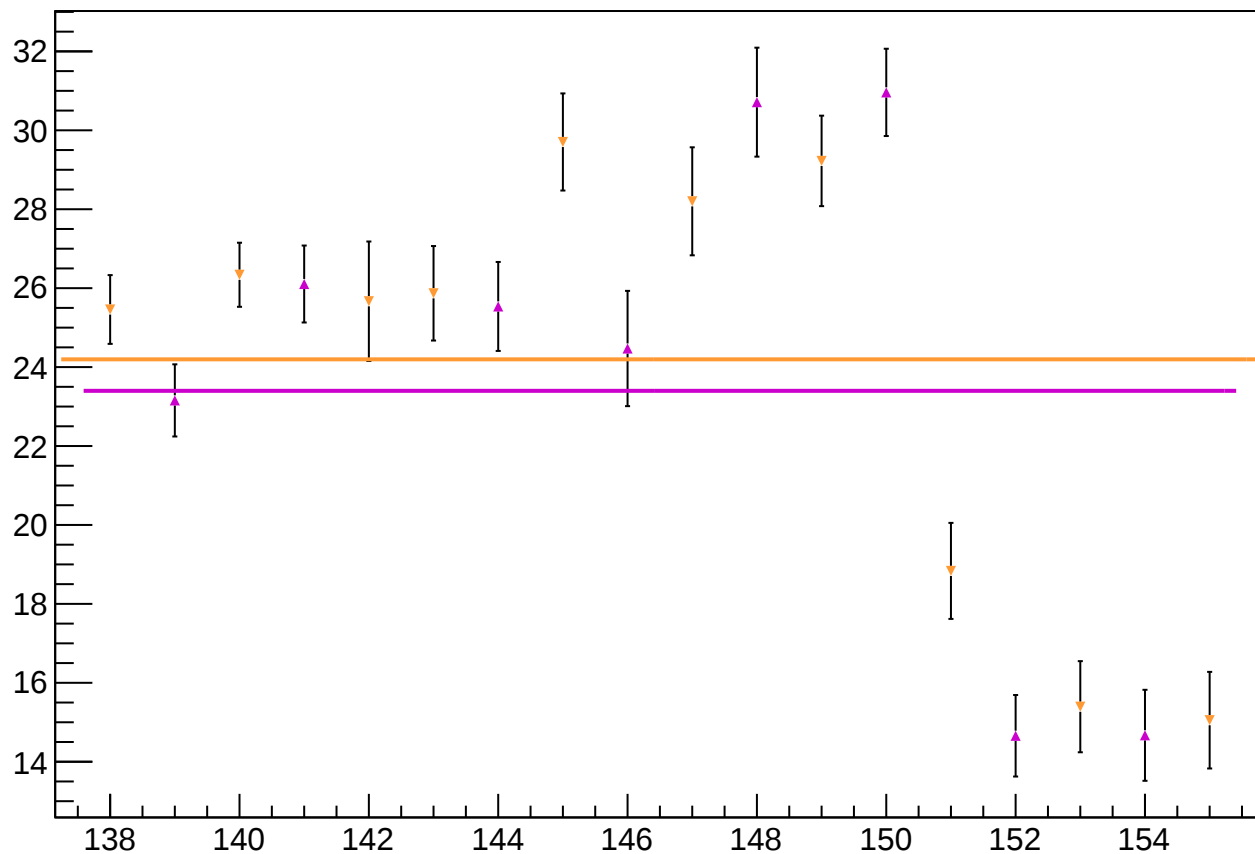
Right Out: 0.117 ± 0.013 χ^2/NDF : 502.5/19

Left In: -0.300 ± 0.014 χ^2/NDF : 530.6/7

-0.043 ± 0.010 χ^2/NDF : 1336.8/26

-0.071 ± 0.010 χ^2/NDF : 1492.7/27

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 24.197+/-0.353 χ^2/NDF :193.1/9

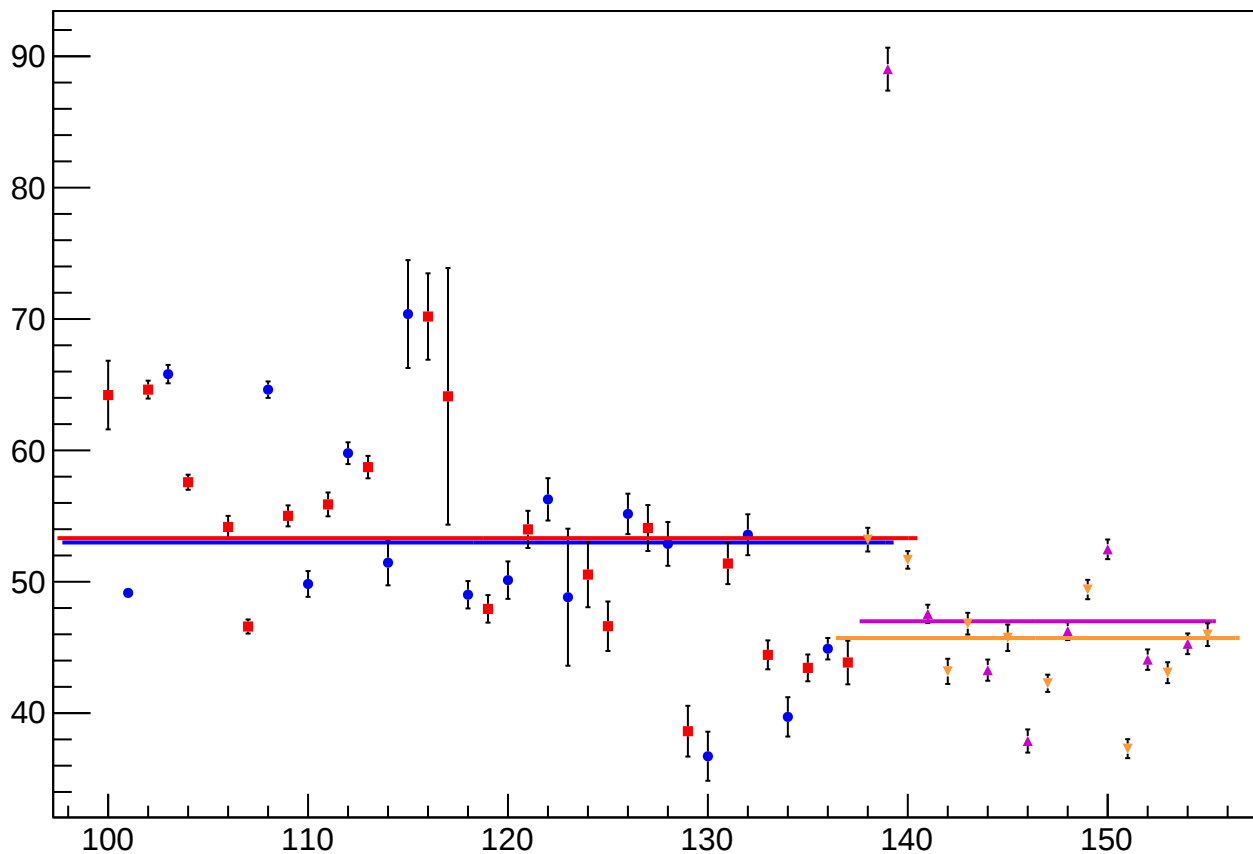
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 23.399+/-0.391 χ^2/NDF :215.7/7

24.197+/-0.353 χ^2/NDF : 193.1/9

23.399+/-0.391 χ^2/NDF : 215.7/7

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.989 $\pm$ 0.211 χ^2 /NDF: 1198.0/16

Left Out: 45.720 $\pm$ 0.250 χ^2 /NDF:356.2/9

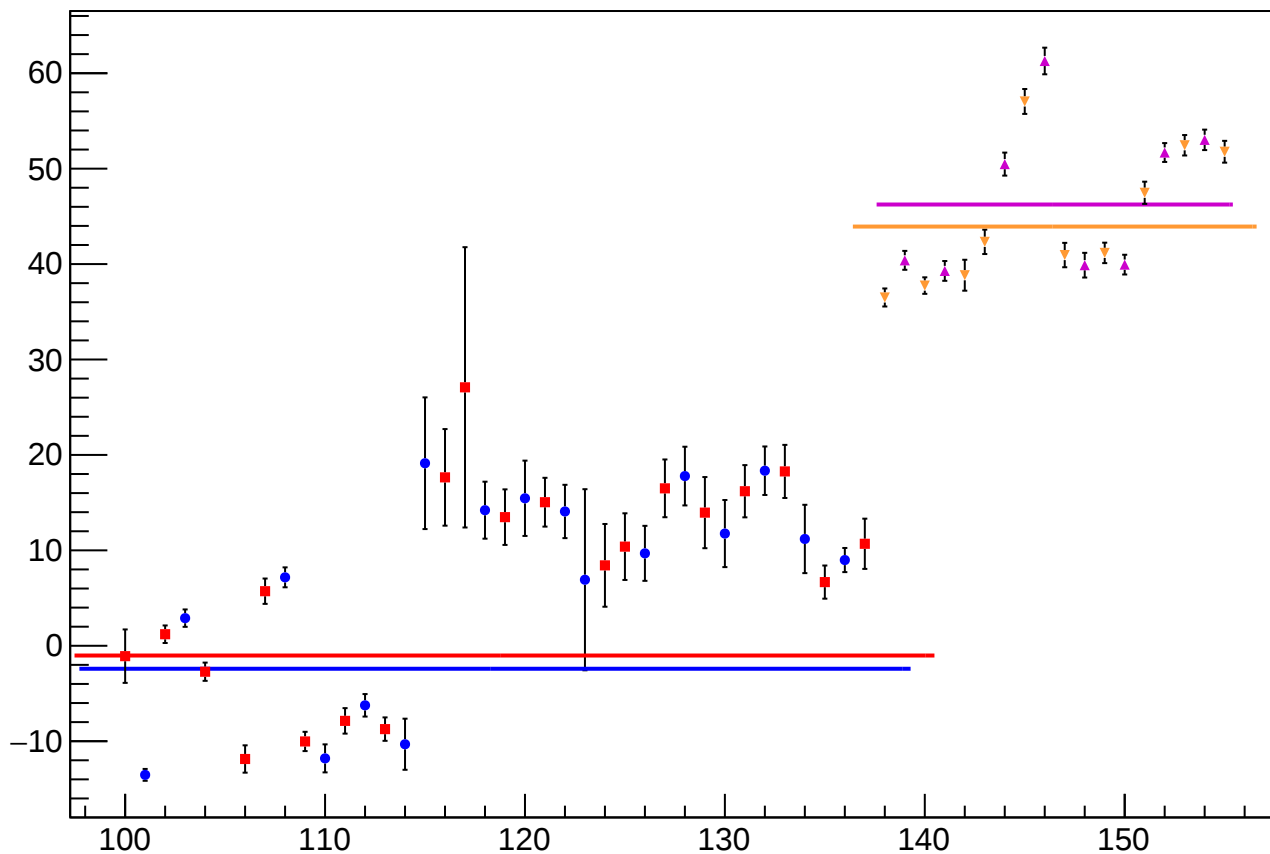
Right Out: 53.320 $\pm$ 0.227 χ^2 /NDF: 876.8/19

Left In: 46.992 $\pm$ 0.283 χ^2 /NDF:863.4/7

49.968 $\pm$ 0.161 χ^2 /NDF: 2048.0/26

50.848 $\pm$ 0.177 χ^2 /NDF: 2044.8/27

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.409 ± 0.364 χ^2/NDF : 834.6/16

Left Out: 43.931 ± 0.356 χ^2/NDF : 357.1/9

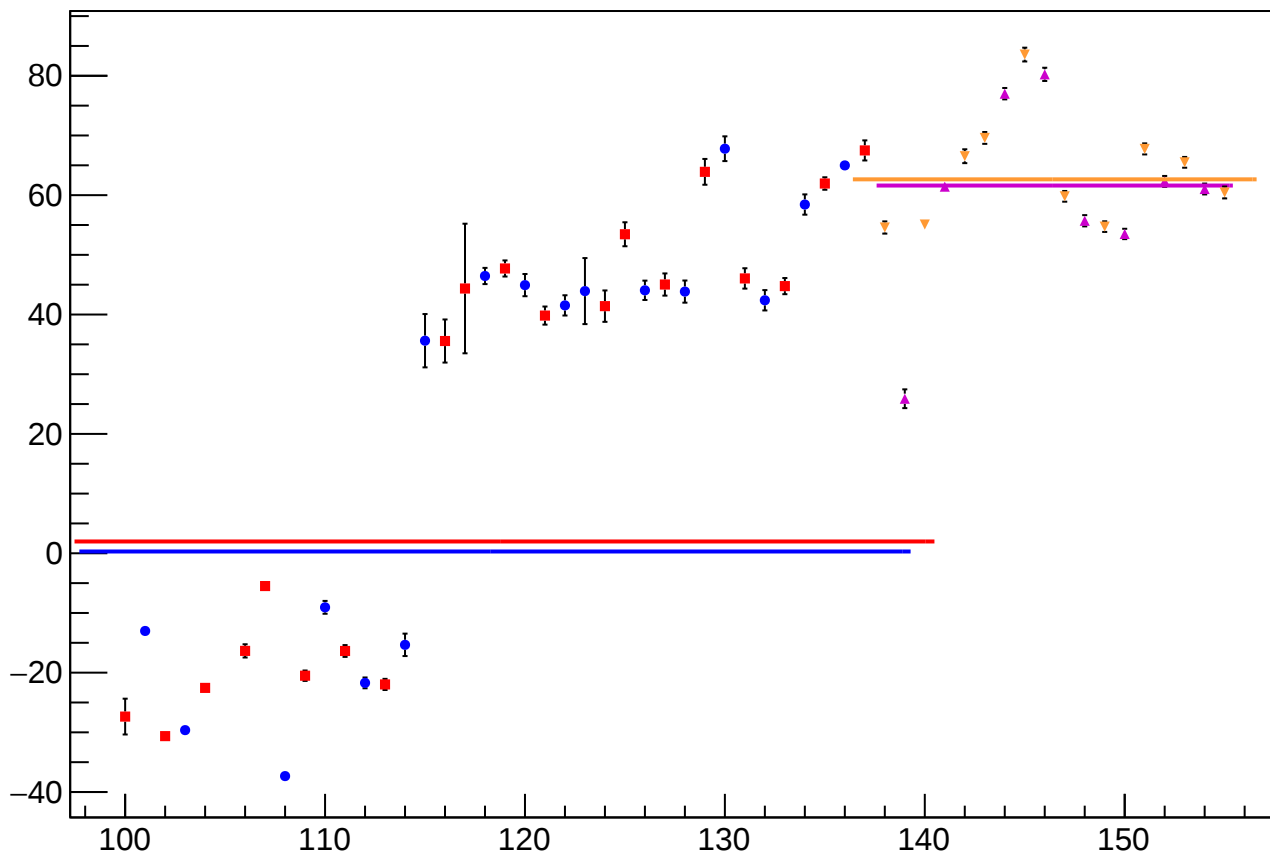
Right Out: -1.021 ± 0.377 χ^2/NDF : 511.2/19

Left In: 46.242 ± 0.390 χ^2/NDF : 340.1/7

21.303 ± 0.255 χ^2/NDF : 9470.1/26

21.811 ± 0.271 χ^2/NDF : 8446.4/27

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.300 ± 0.247 χ^2/NDF : 18259.2/16

Left Out: 62.650 ± 0.303 χ^2/NDF : 671.4/9

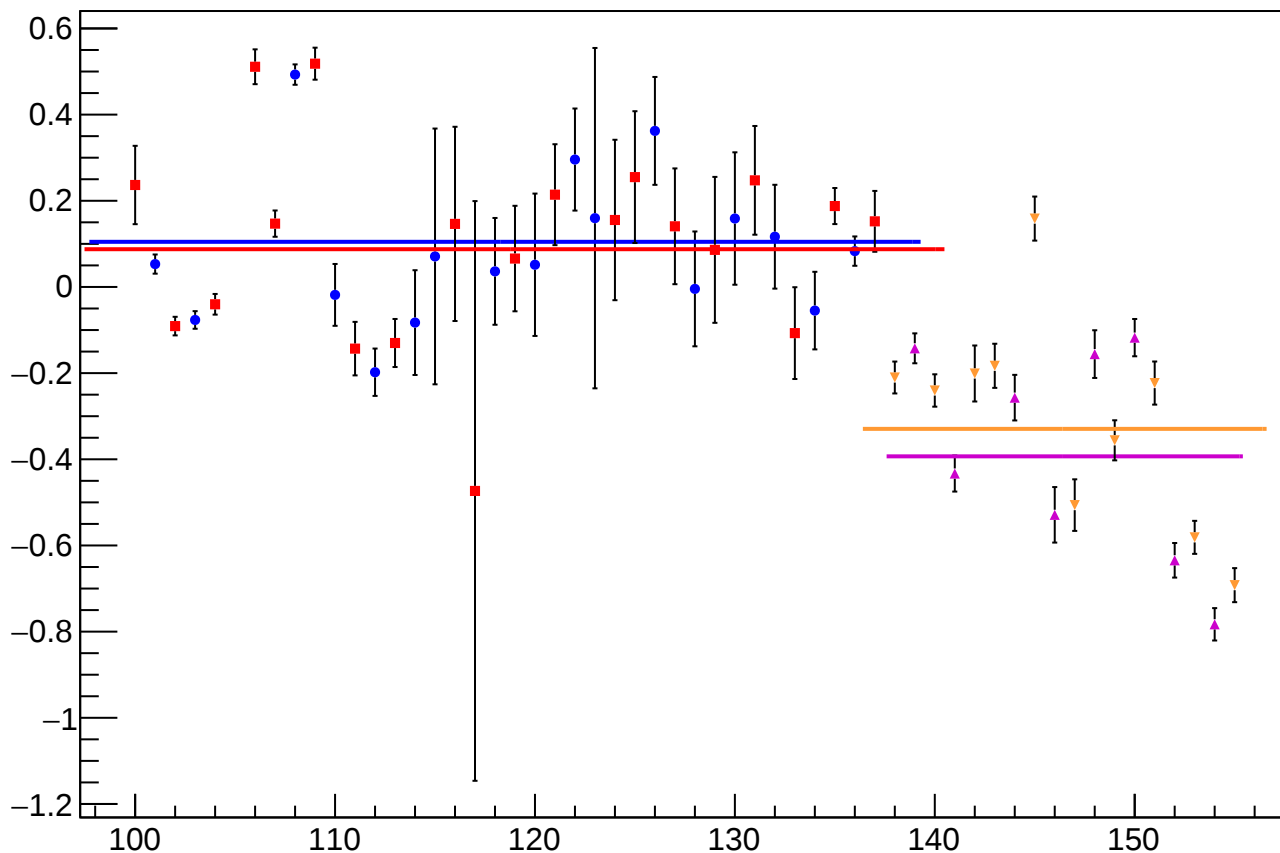
Right Out: 1.978 ± 0.267 χ^2/NDF : 15465.9/19

Left In: 61.612 ± 0.341 χ^2/NDF : 1185.2/7

25.245 ± 0.192 χ^2/NDF : 44337.8/26

24.577 ± 0.210 χ^2/NDF : 35619.7/27

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.329 ± 0.014 $\chi^2/\text{NDF}: 260.2/9$

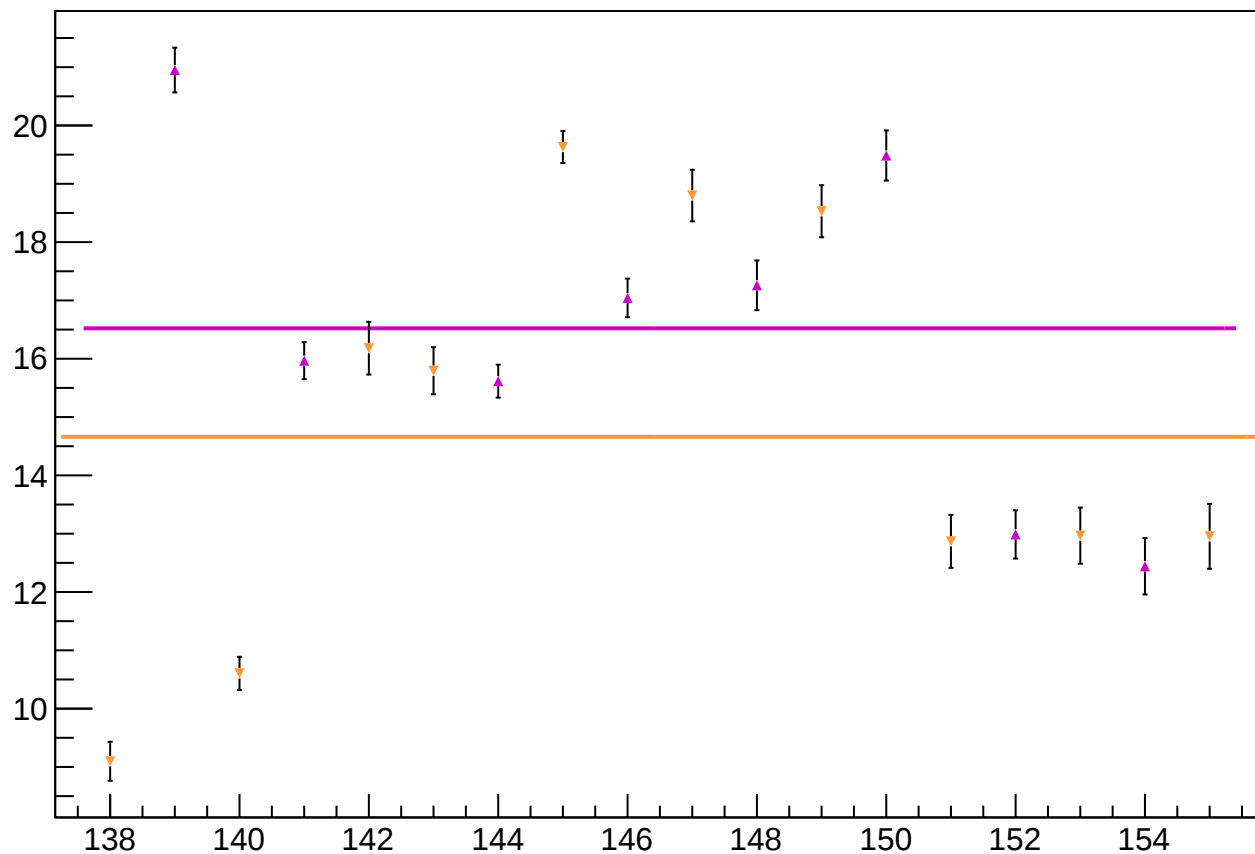
Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.6/19$

Left In: -0.393 ± 0.015 $\chi^2/\text{NDF}: 266.8/7$

-0.058 ± 0.009 $\chi^2/\text{NDF}: 1239.3/26$

-0.074 ± 0.009 $\chi^2/\text{NDF}: 1300.4/27$

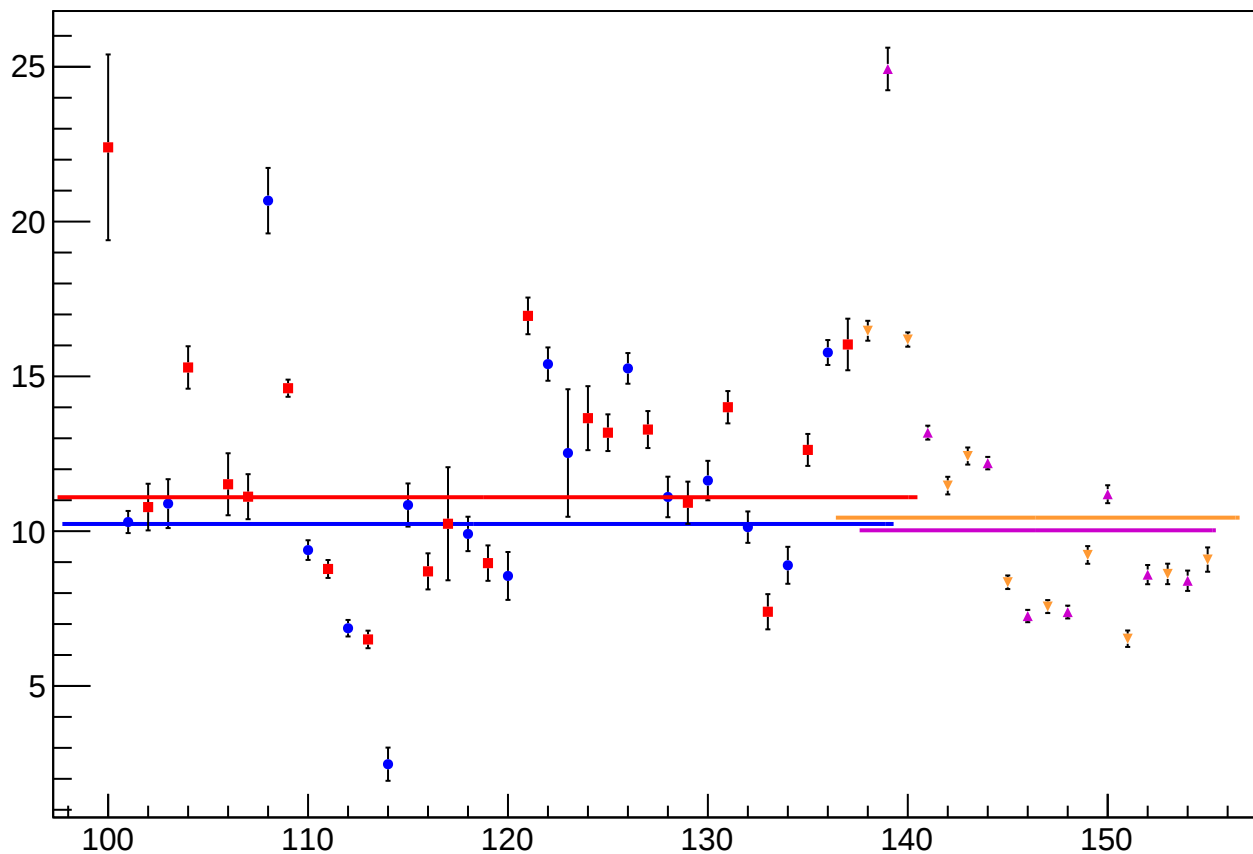
reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 14.662 $\pm$ 0.121 χ^2 /NDF:1026.5/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 16.522 $\pm$ 0.130 χ^2 /NDF:343.8/7

14.662 $\pm$ 0.121 χ^2 /NDF: 1026.5/9
 16.522 $\pm$ 0.130 χ^2 /NDF: 343.8/7

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.232 $\pm$ 0.119 χ^2 /NDF: 876.7/16

Left Out: 10.437 $\pm$ 0.085 χ^2 /NDF:1590.4/9

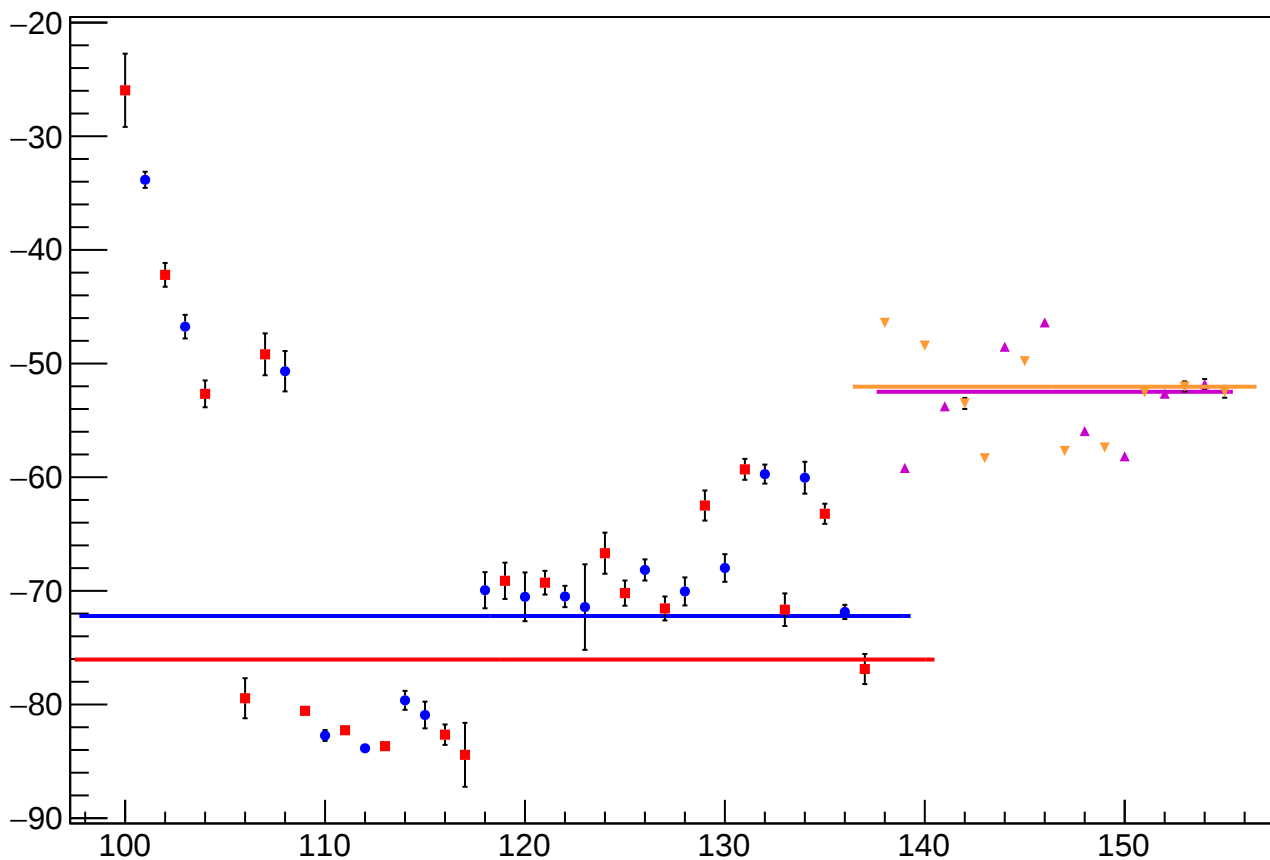
Right Out: 11.096 $\pm$ 0.116 χ^2 /NDF: 818.0/19

Left In: 10.028 $\pm$ 0.089 χ^2 /NDF:1199.8/7

10.368 $\pm$ 0.069 χ^2 /NDF: 2469.1/26

10.422 $\pm$ 0.071 χ^2 /NDF: 2071.2/27

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.211 ± 0.198 $\chi^2/\text{NDF}: 5566.2/16$

Left Out: -52.039 ± 0.124 $\chi^2/\text{NDF}: 1016.3/9$

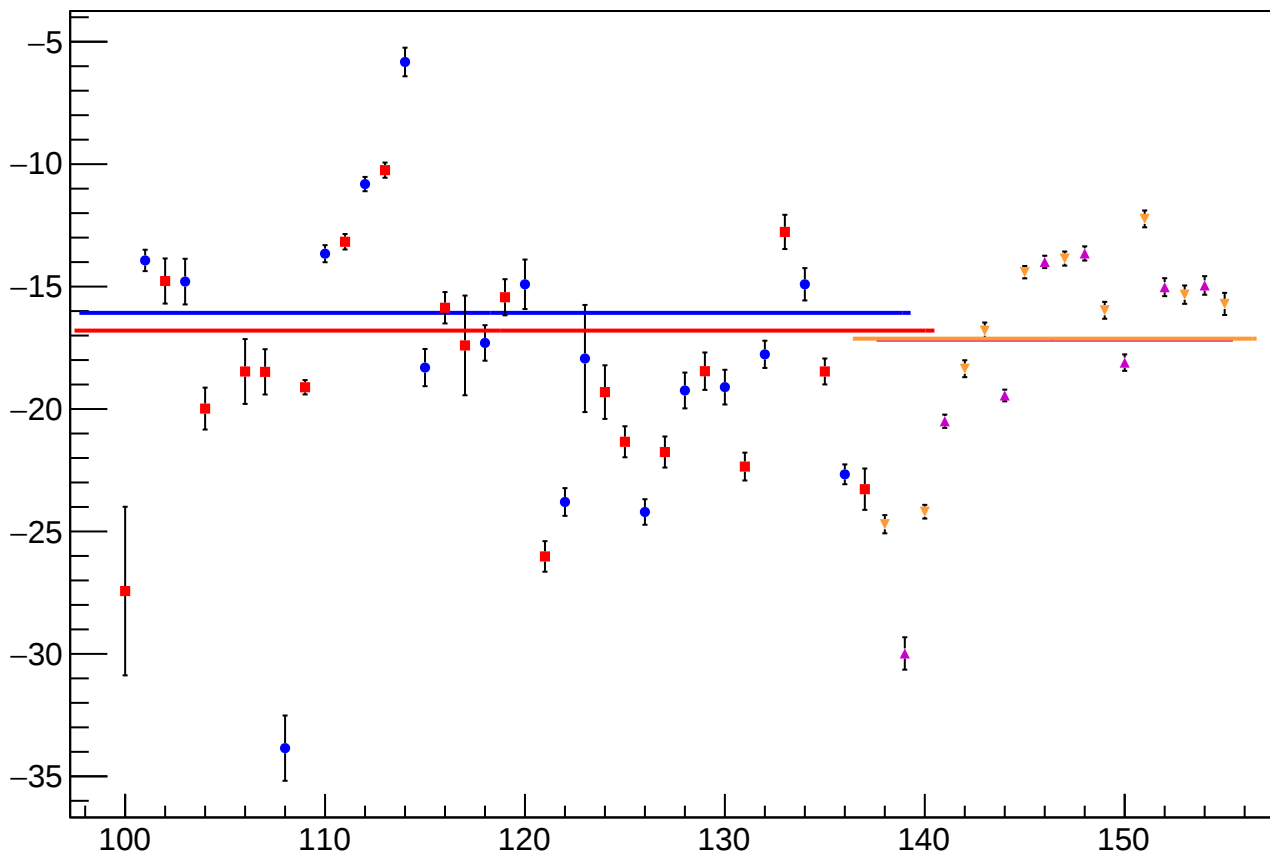
Right Out: -76.044 ± 0.181 $\chi^2/\text{NDF}: 3472.2/19$

Left In: -52.486 ± 0.130 $\chi^2/\text{NDF}: 1093.7/7$

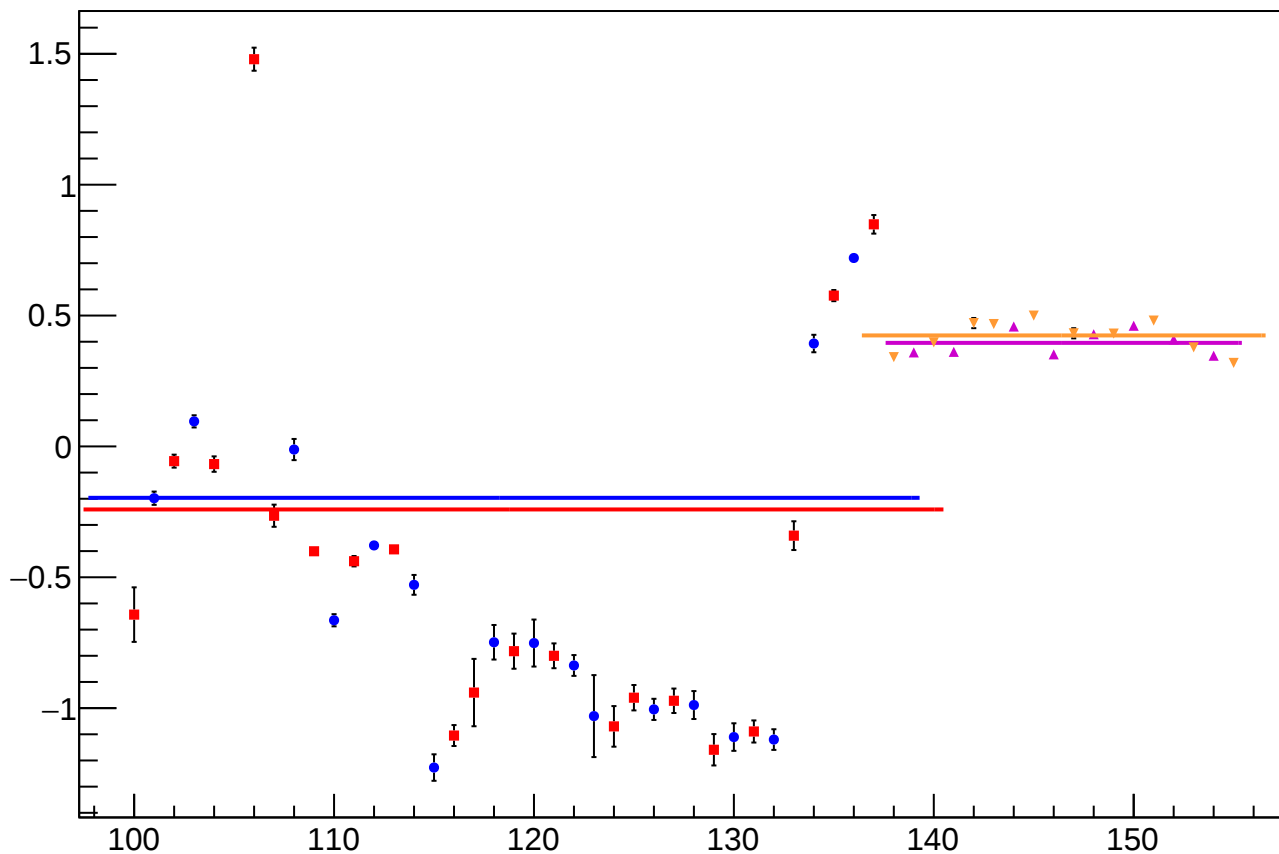
-57.700 ± 0.105 $\chi^2/\text{NDF}: 14049.8/26$

-60.523 ± 0.105 $\chi^2/\text{NDF}: 15775.0/27$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.196 ± 0.008 χ^2/NDF : 6323.5/16

Left Out: 0.424 ± 0.005 χ^2/NDF : 144.6/9

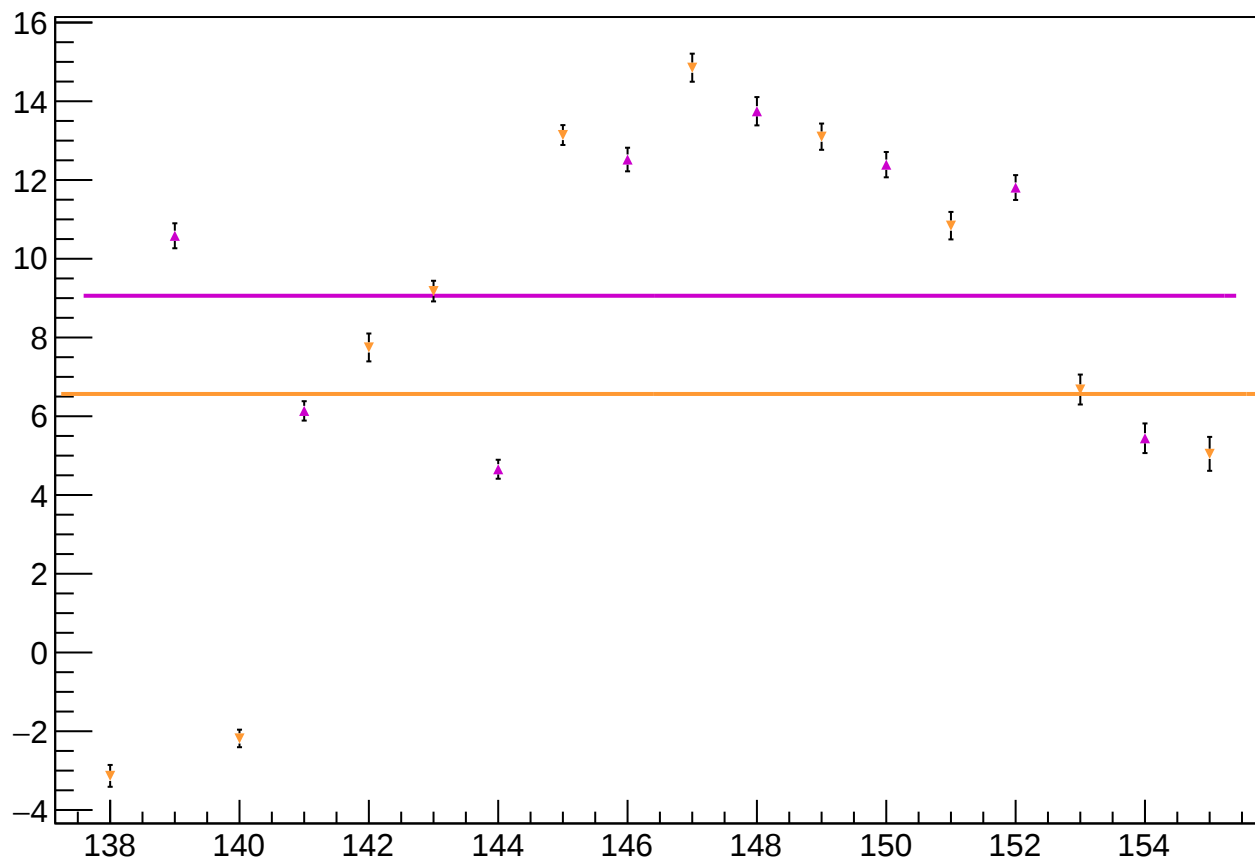
Right Out: -0.241 ± 0.007 χ^2/NDF : 6218.3/19

Left In: 0.396 ± 0.005 χ^2/NDF : 73.1/7

0.234 ± 0.004 χ^2/NDF : 11154.0/26

0.169 ± 0.004 χ^2/NDF : 11370.5/27

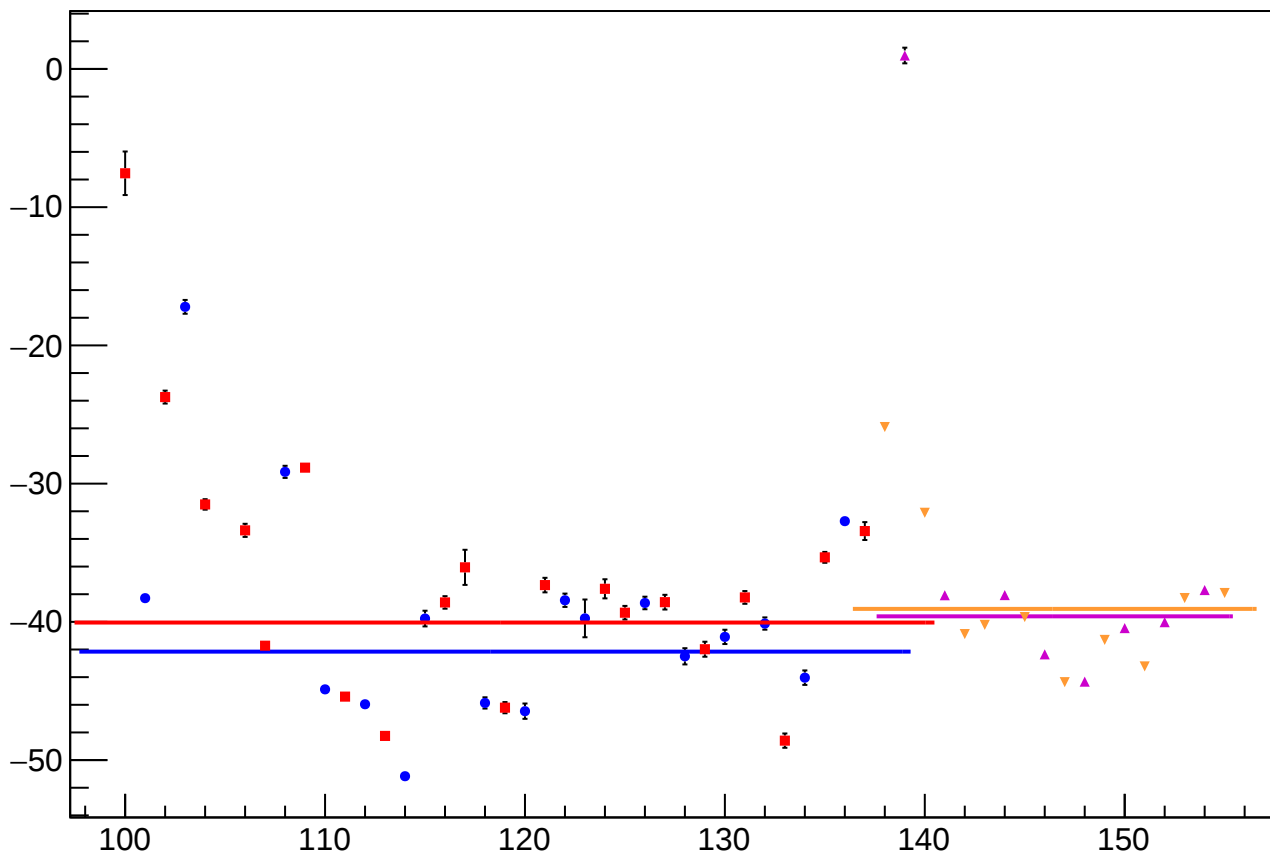
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 6.566+/-0.096 χ^2/NDF : 4640.4/9
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 9.060+/-0.106 χ^2/NDF : 1076.9/7

6.566+/-0.096 χ^2/NDF : 4640.4/9
9.060+/-0.106 χ^2/NDF : 1076.9/7

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.153 +/- 0.078 χ^2/NDF : 6557.8/16

Left Out: -39.061 +/- 0.067 χ^2/NDF : 5496.5/9

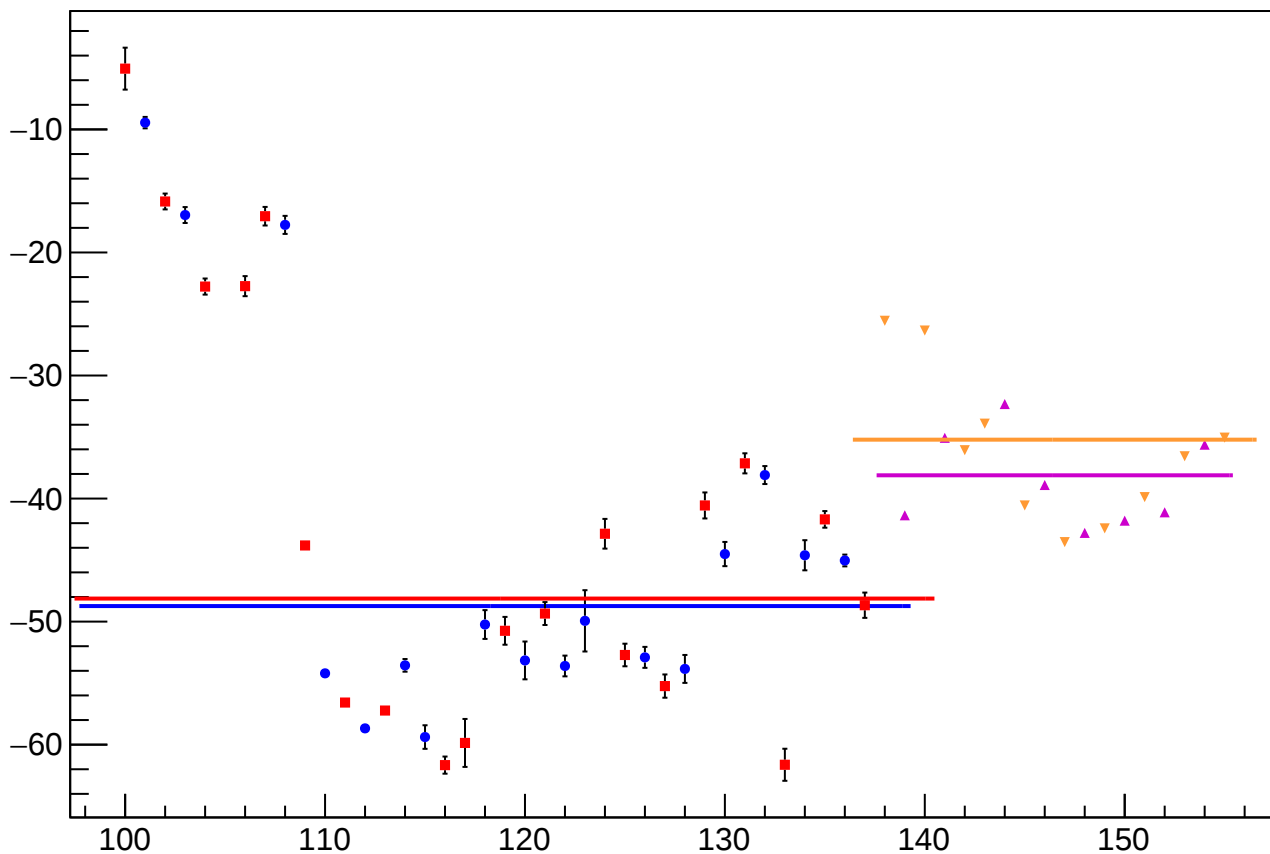
Right Out: -40.049 +/- 0.073 χ^2/NDF : 11332.1/19

Left In: -39.600 +/- 0.074 χ^2/NDF : 6292.8/7

-40.367 +/- 0.051 χ^2/NDF : 12961.5/26

-39.827 +/- 0.052 χ^2/NDF : 17643.8/27

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.737 ± 0.125 χ^2/NDF : 14658.1/16

Left Out: -35.213 ± 0.098 χ^2/NDF : 4223.8/9

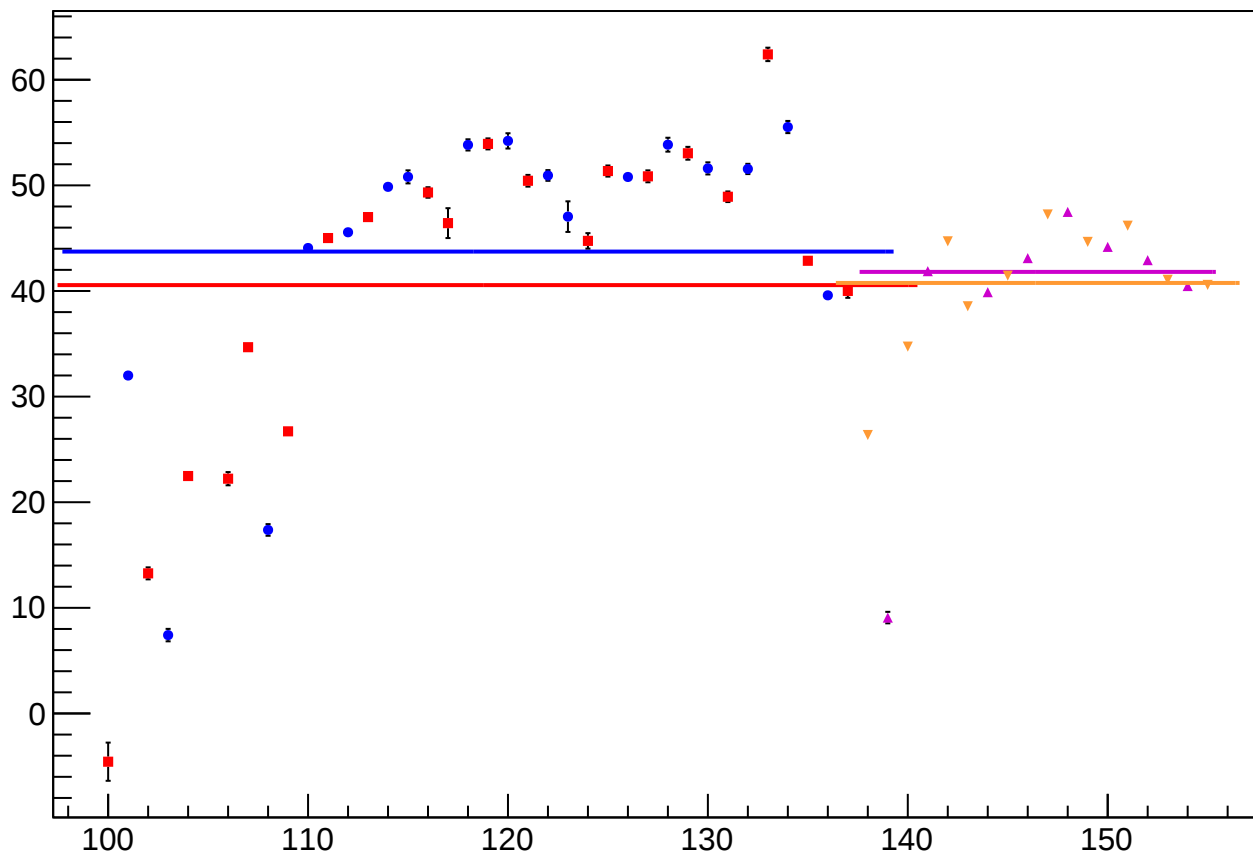
Right Out: -48.127 ± 0.107 χ^2/NDF : 11769.6/19

Left In: -38.110 ± 0.106 χ^2/NDF : 1229.2/7

-40.359 ± 0.077 χ^2/NDF : 26184.1/26

-43.064 ± 0.075 χ^2/NDF : 17423.3/27

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.731 $\pm$ 0.087 χ^2 /NDF: 10567.7/16

Left Out: 40.762 $\pm$ 0.081 χ^2 /NDF: 4646.8/9

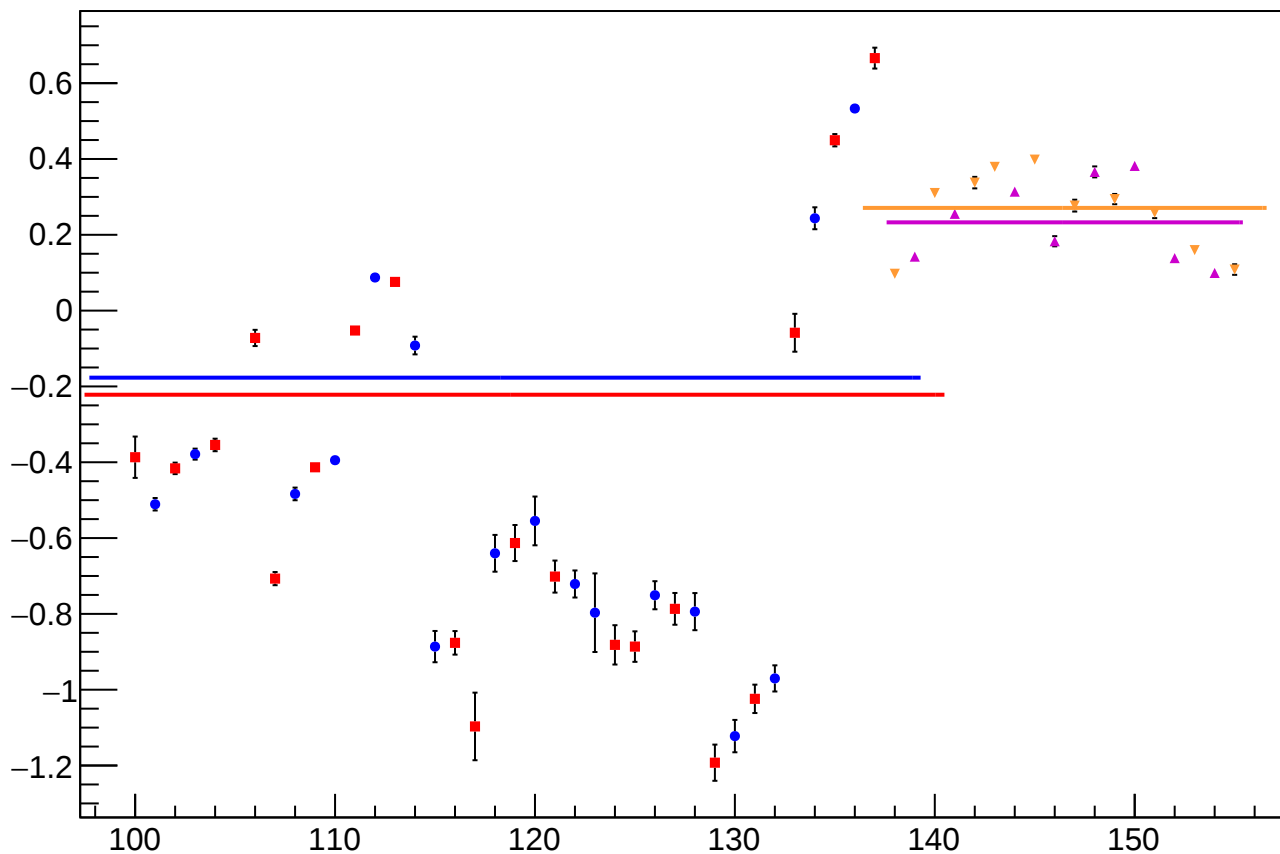
Right Out: 40.556 $\pm$ 0.080 χ^2 /NDF: 17618.6/19

Left In: 41.808 $\pm$ 0.090 χ^2 /NDF: 4385.9/7

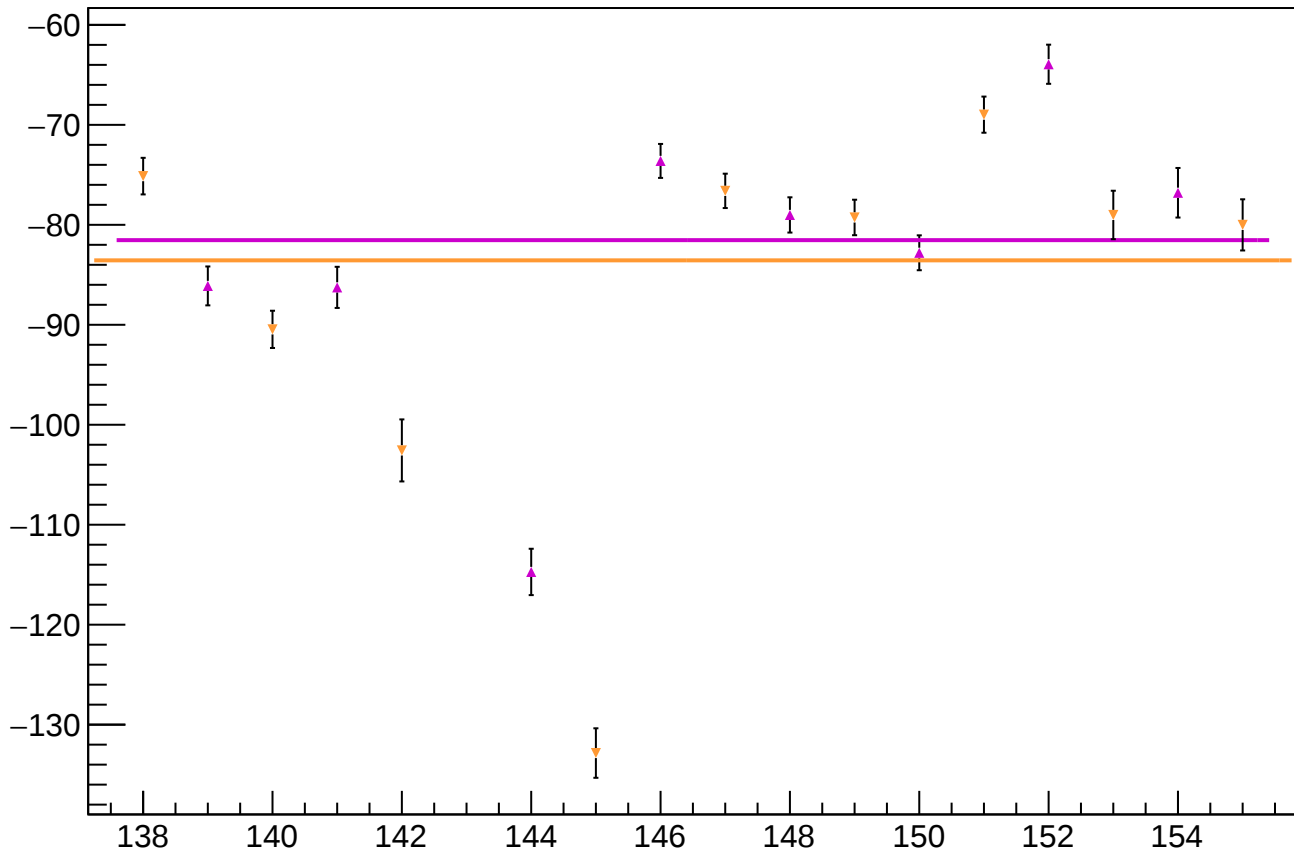
42.149 $\pm$ 0.059 χ^2 /NDF: 15837.3/26

41.113 $\pm$ 0.060 χ^2 /NDF: 22113.1/27

reg_asym_sam8_diff_bpm12X_slope vs Slug



reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -83.555+/-0.684 χ^2/NDF : 561.4/8

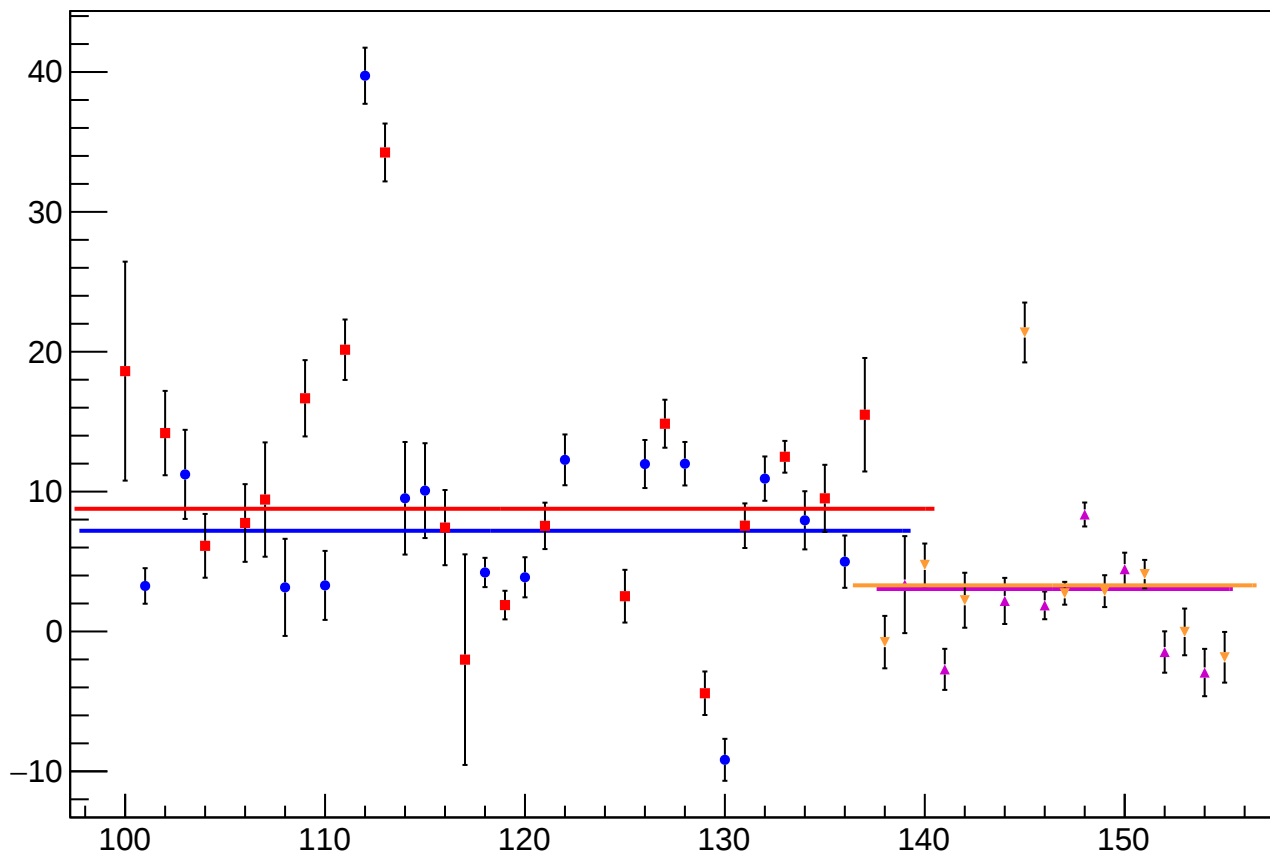
-83.555+/-0.684 χ^2/NDF : 561.4/8

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

-81.533+/-0.689 χ^2/NDF : 324.7/7

Left In: -81.533+/-0.689 χ^2/NDF : 324.7/7

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.199 ± 0.440 $\chi^2/\text{NDF}: 443.8/15$

Left Out: 3.298 ± 0.443 $\chi^2/\text{NDF}: 90.6/8$

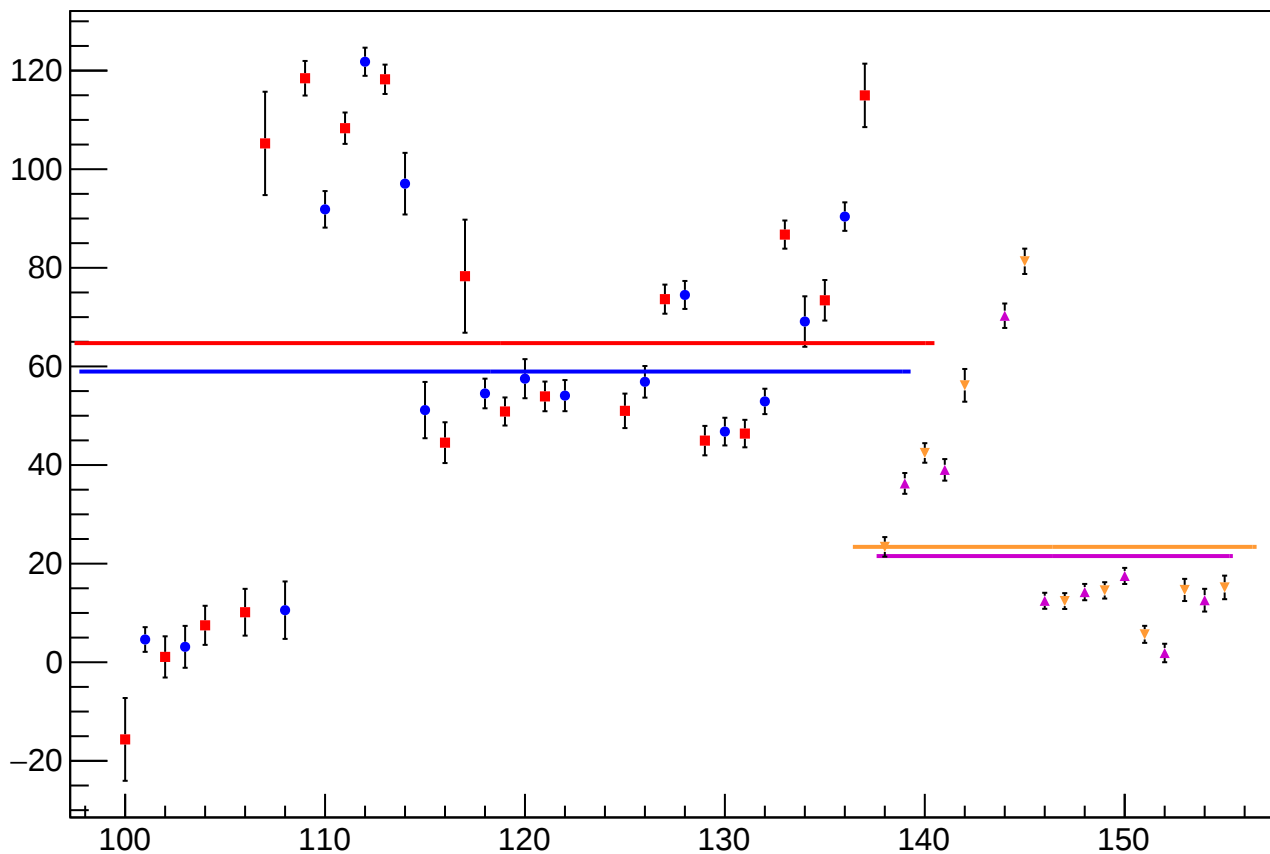
Right Out: 8.772 ± 0.447 $\chi^2/\text{NDF}: 351.7/18$

Left In: 3.036 ± 0.455 $\chi^2/\text{NDF}: 78.9/7$

5.262 ± 0.312 $\chi^2/\text{NDF}: 573.5/24$

5.957 ± 0.319 $\chi^2/\text{NDF}: 511.4/26$

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.962 $\pm$ 0.837 χ^2/NDF : 1496.5/15

Left Out: 23.404 $\pm$ 0.673 χ^2/NDF : 905.4/8

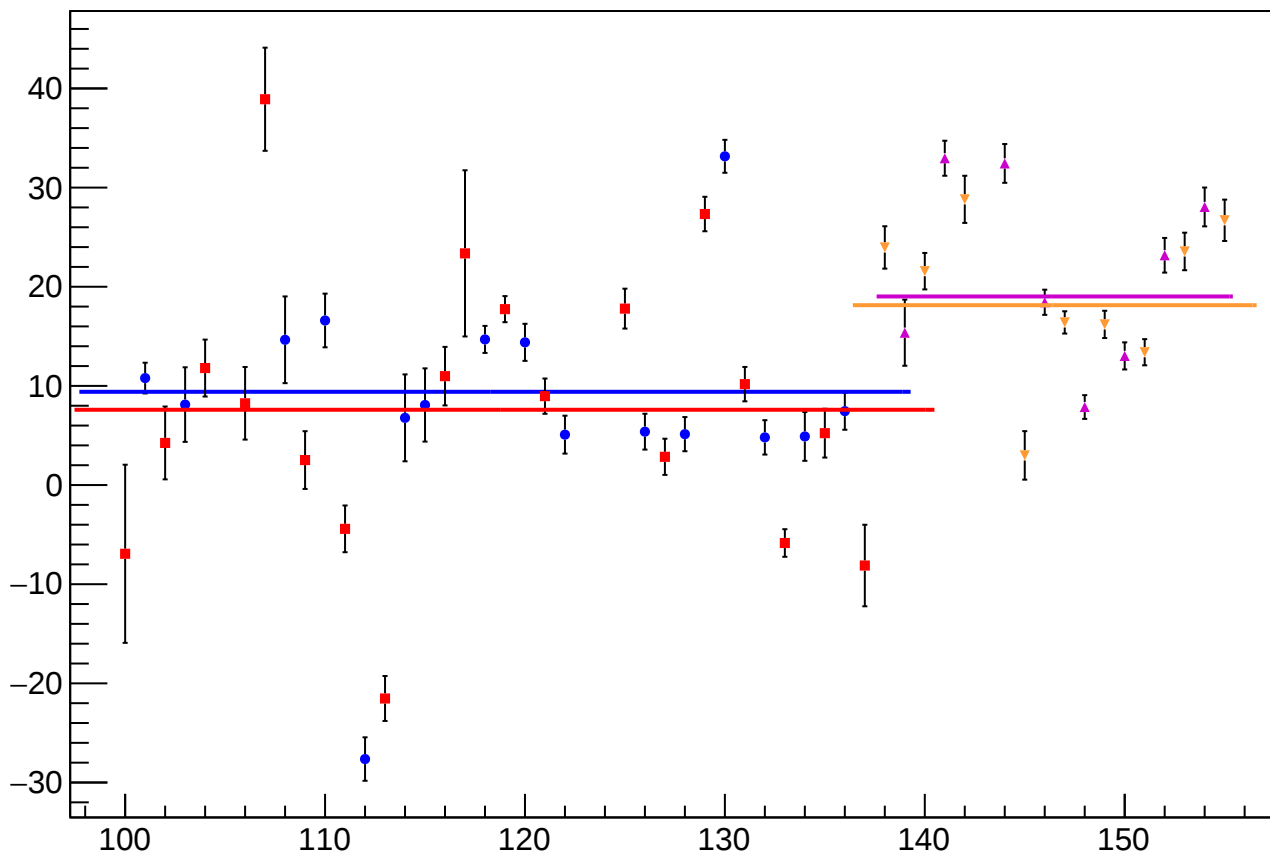
Right Out: 64.728 $\pm$ 0.838 χ^2/NDF : 1723.2/18

Left In: 21.539 $\pm$ 0.676 χ^2/NDF : 681.4/7

37.361 $\pm$ 0.524 χ^2/NDF : 3498.4/24

38.565 $\pm$ 0.526 χ^2/NDF : 4014.5/26

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.405 ± 0.507 $\chi^2/\text{NDF}: 549.5/15$

Left Out: 18.141 ± 0.554 $\chi^2/\text{NDF}: 111.8/8$

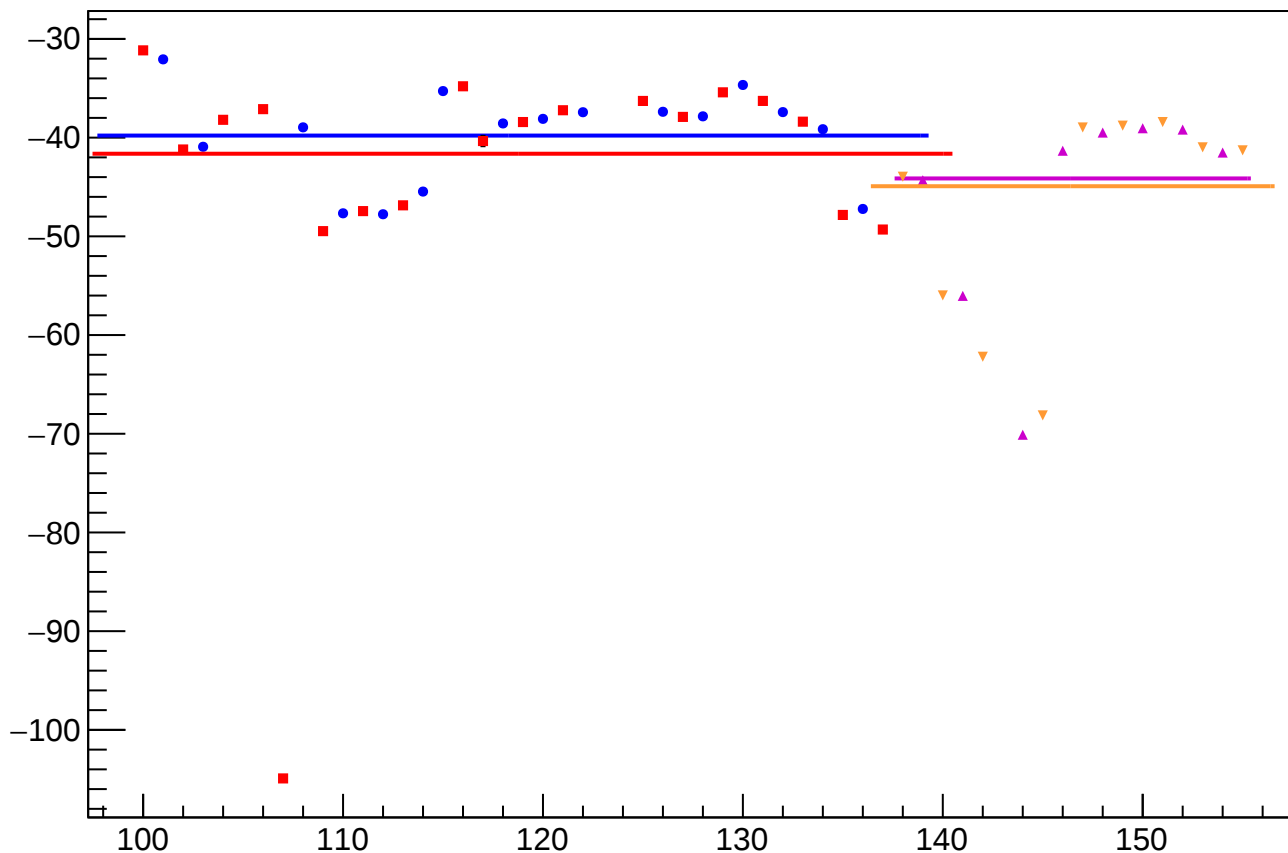
Right Out: 7.593 ± 0.514 $\chi^2/\text{NDF}: 573.4/18$

Left In: 19.021 ± 0.567 $\chi^2/\text{NDF}: 243.8/7$

13.387 ± 0.374 $\chi^2/\text{NDF}: 796.8/24$

12.750 ± 0.381 $\chi^2/\text{NDF}: 1040.3/26$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.791±/0.031 χ^2/NDF : 26138.6/15

Left Out: -44.923±/0.028 χ^2/NDF :110703.1/8

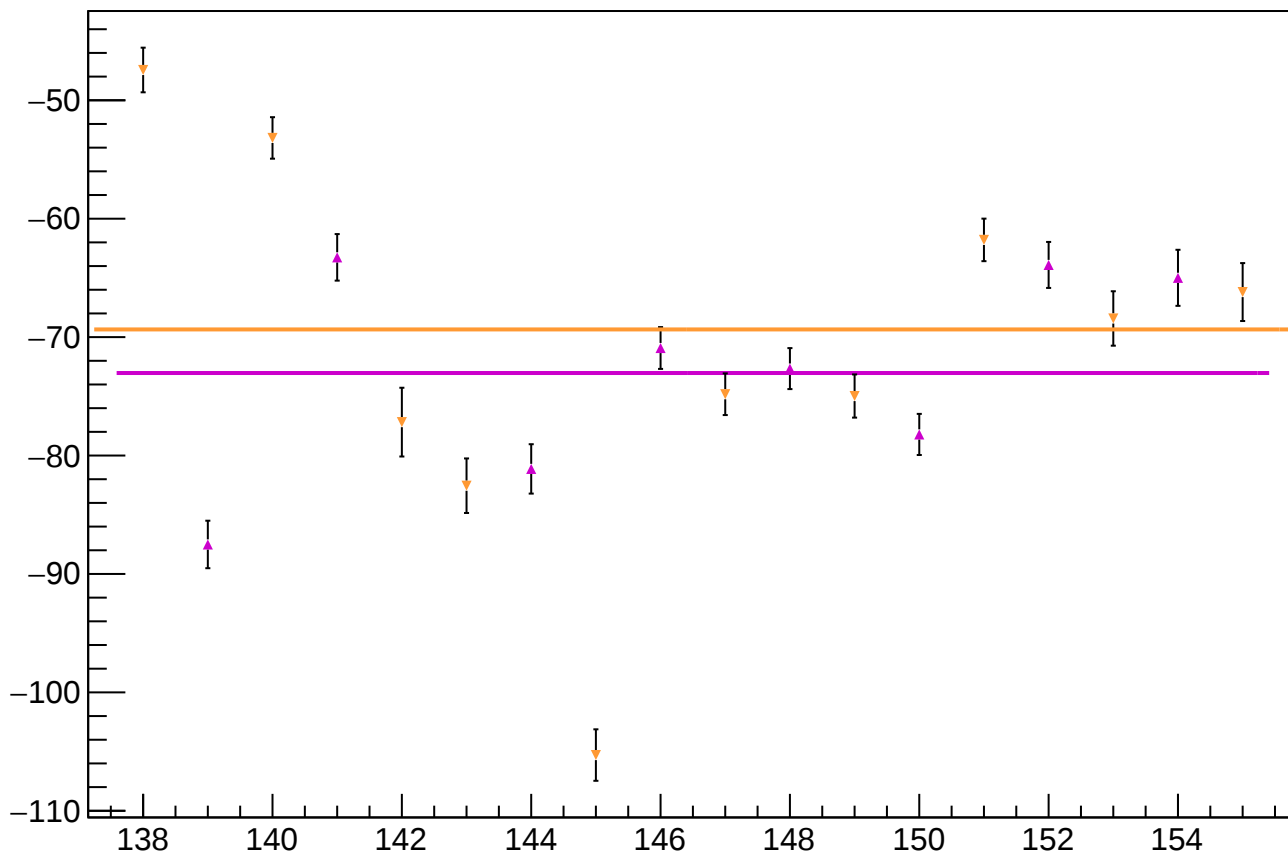
Right Out: -41.631±/0.031 χ^2/NDF : 94399.1/18

Left In: -44.135±/0.028 χ^2/NDF :91530.4/7

-42.658±/0.021 χ^2/NDF : 151928.9/24

-43.032±/0.021 χ^2/NDF : 189543.8/26

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.351+/-0.643 χ^2/NDF : 572.5/9

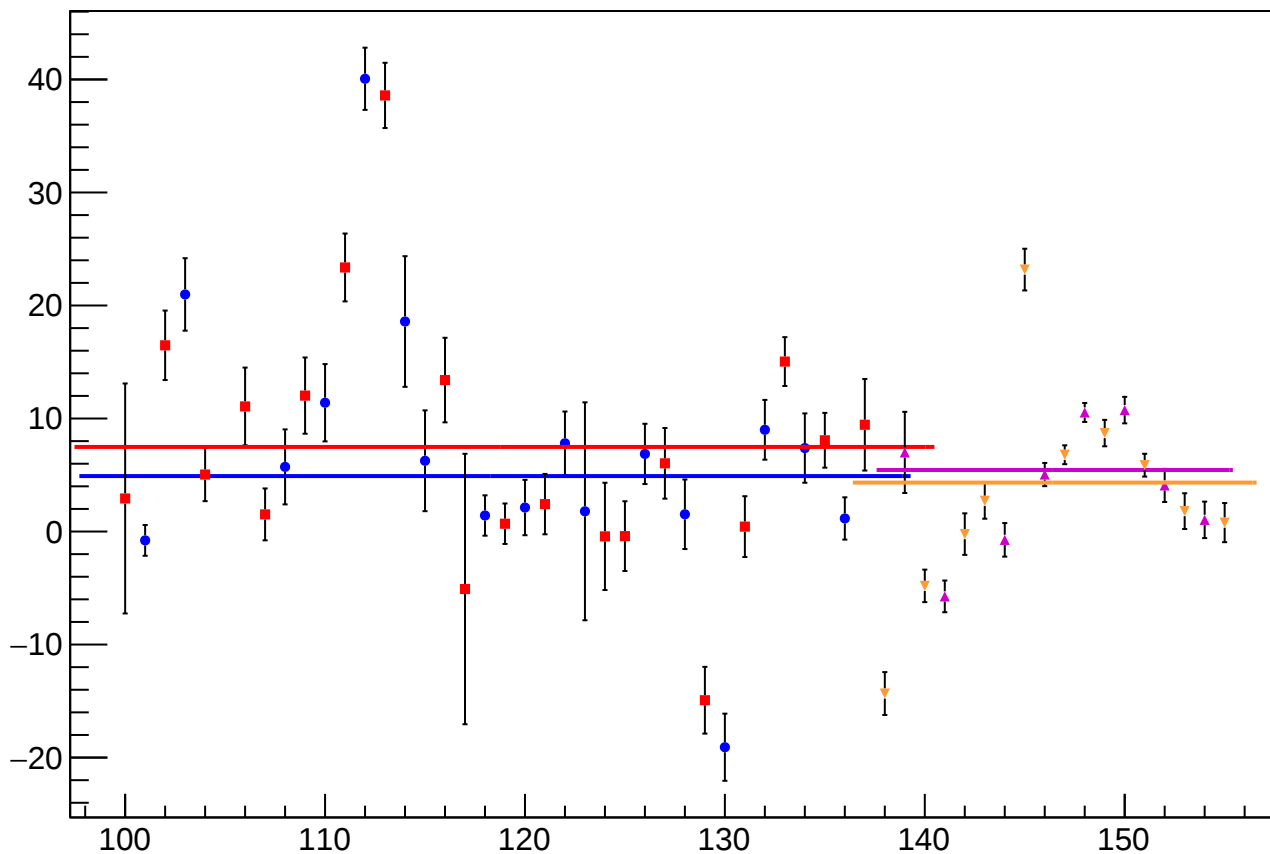
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.031+/-0.679 χ^2/NDF : 135.9/7

-69.351+/-0.643 χ^2/NDF : 572.5/9

-73.031+/-0.679 χ^2/NDF : 135.9/7

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.907 ± 0.628 χ^2/NDF : 295.4/16

Left Out: 4.331 ± 0.421 χ^2/NDF : 280.7/9

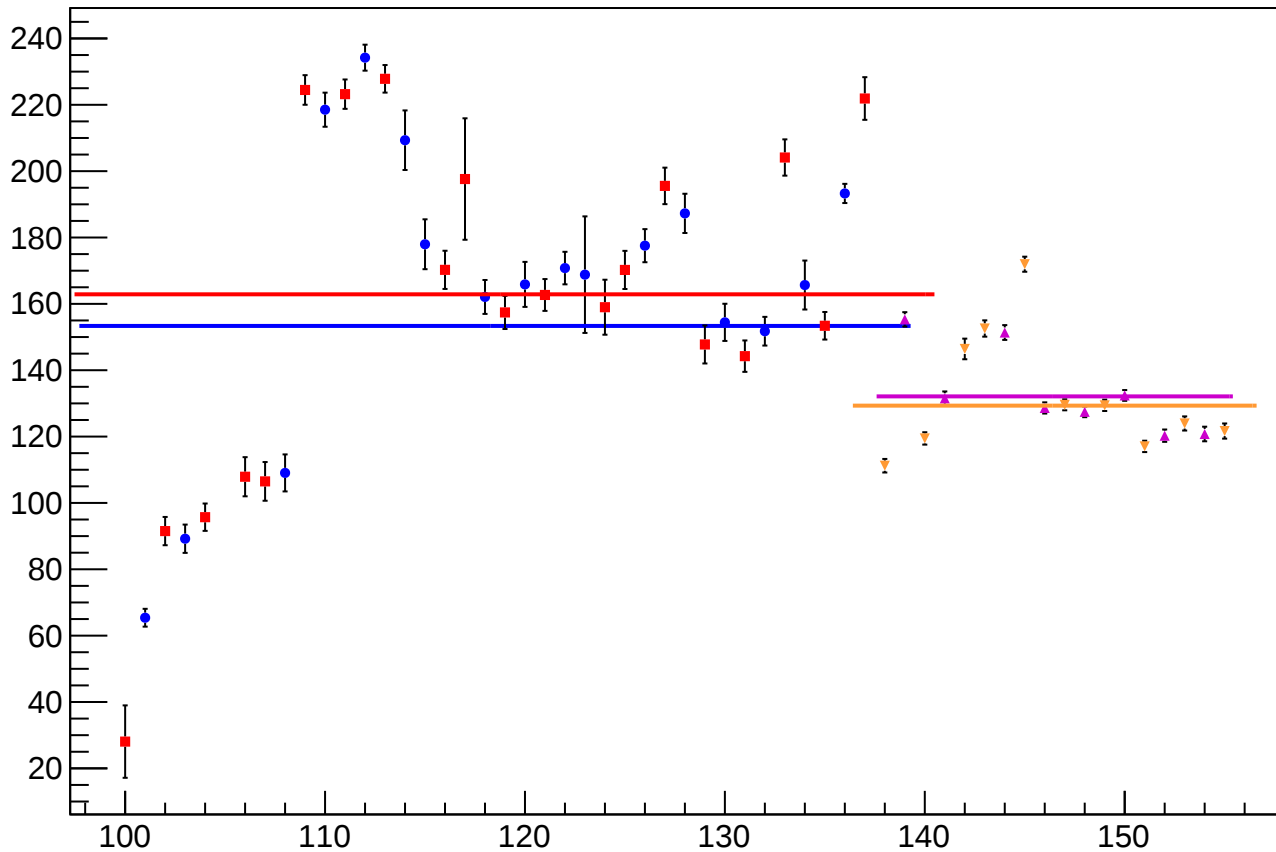
Right Out: 7.486 ± 0.650 χ^2/NDF : 271.7/19

Left In: 5.446 ± 0.448 χ^2/NDF : 146.7/7

4.510 ± 0.350 χ^2/NDF : 576.7/26

6.104 ± 0.369 χ^2/NDF : 425.1/27

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.350 $\pm$ 1.150 χ^2 /NDF: 2268.3/16

Left Out: 129.325 $\pm$ 0.638 χ^2 /NDF: 647.9/9

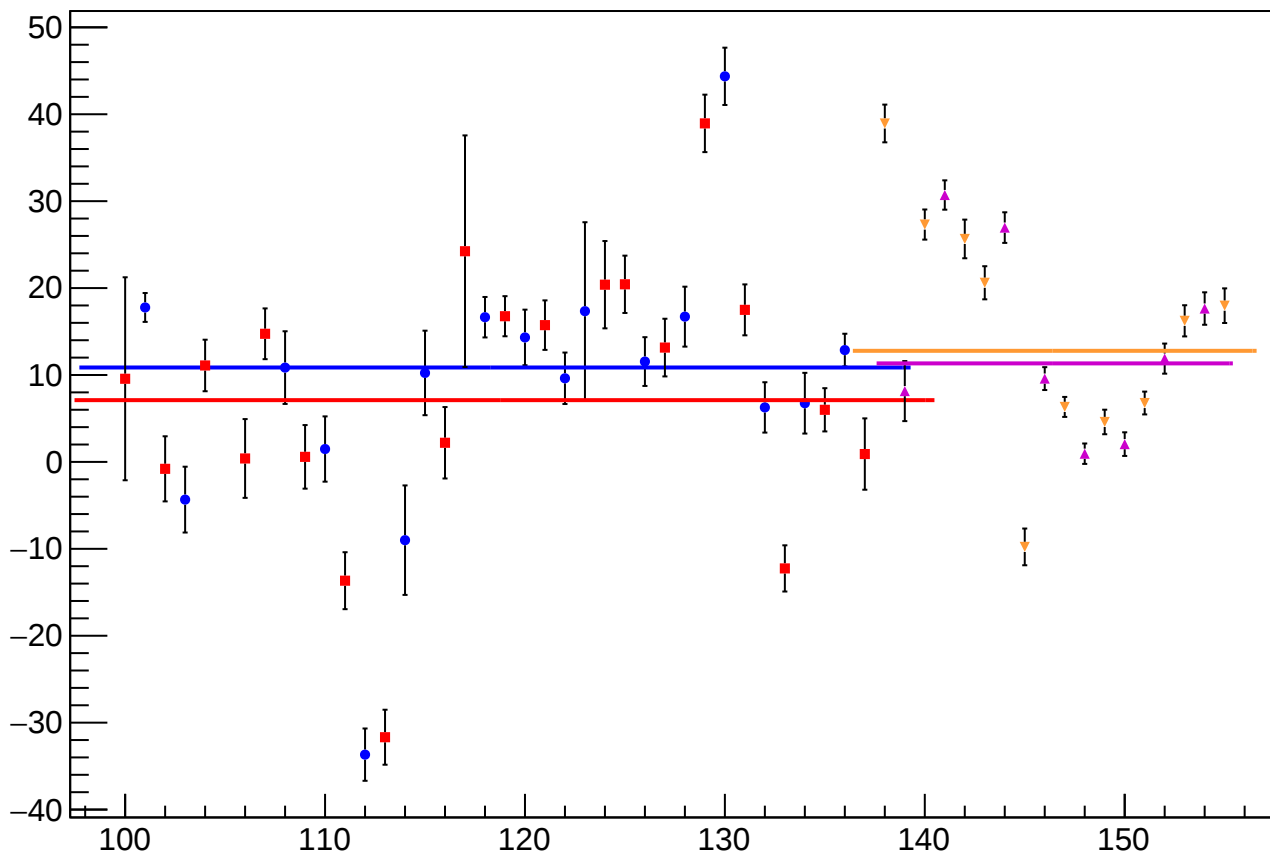
Right Out: 162.878 $\pm$ 1.174 χ^2 /NDF: 1712.4/19

Left In: 132.115 $\pm$ 0.667 χ^2 /NDF: 268.3/7

134.978 $\pm$ 0.558 χ^2 /NDF: 3249.8/26

139.616 $\pm$ 0.580 χ^2 /NDF: 2499.4/27

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.864 ± 0.719 χ^2/NDF : 387.9/16

Left Out: 12.782 ± 0.524 χ^2/NDF : 476.4/9

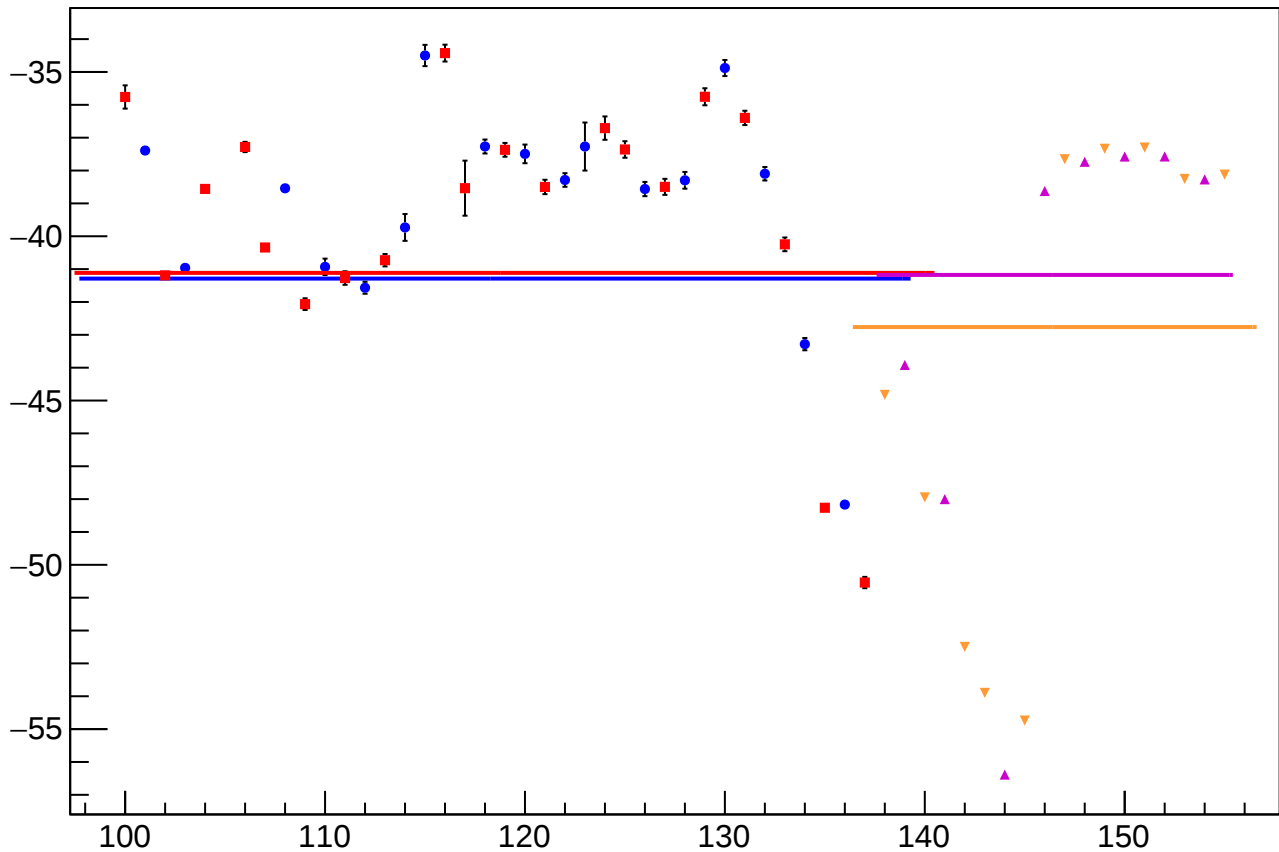
Right Out: 7.106 ± 0.746 χ^2/NDF : 426.4/19

Left In: 11.335 ± 0.557 χ^2/NDF : 349.5/7

12.118 ± 0.423 χ^2/NDF : 869.0/26

9.822 ± 0.446 χ^2/NDF : 796.5/27

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.289 ± 0.039 χ^2/NDF : 12509.1/16

Left Out: -42.764 ± 0.026 χ^2/NDF : 63434.6/9

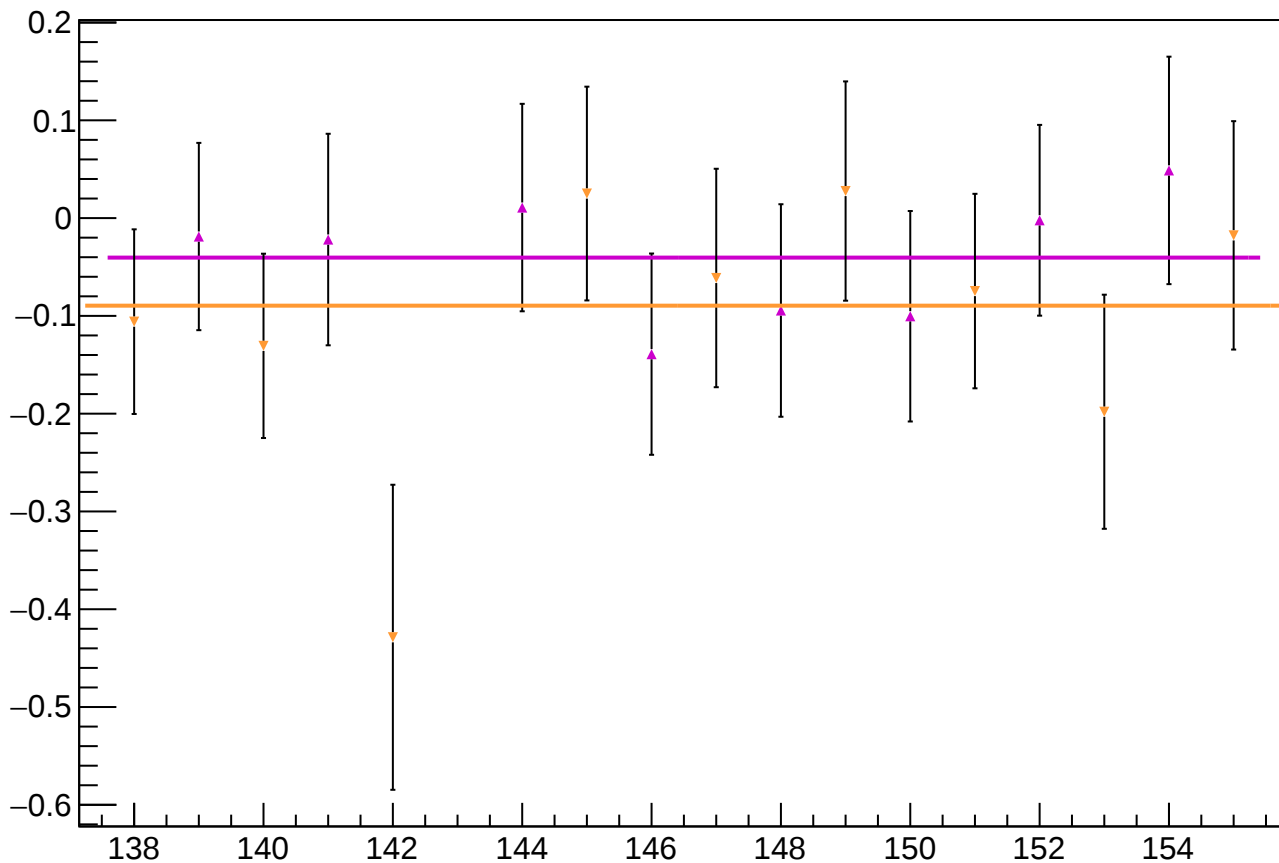
Right Out: -41.115 ± 0.039 χ^2/NDF : 12120.1/19

Left In: -41.177 ± 0.027 χ^2/NDF : 42101.6/7

-42.299 ± 0.022 χ^2/NDF : 76943.8/26

-41.156 ± 0.022 χ^2/NDF : 54223.4/27

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.090+/-0.036 χ^2/NDF : 8.4/8

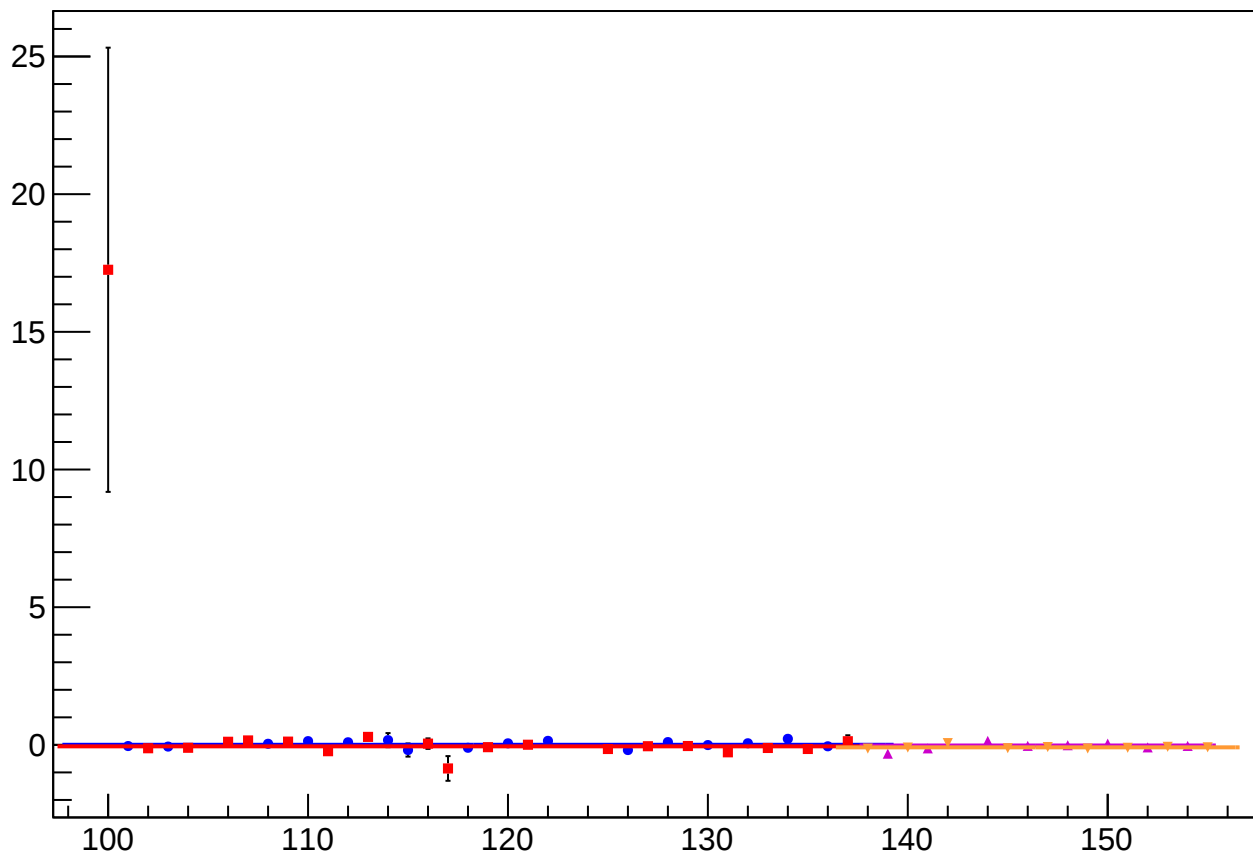
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.040+/-0.037 χ^2/NDF : 2.5/7

-0.090+/-0.036 χ^2/NDF : 8.4/8

-0.040+/-0.037 χ^2/NDF : 2.5/7

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.003 $\pm$ 0.029 χ^2 /NDF: 12.4/15

Left Out: -0.090 $\pm$ 0.025 χ^2 /NDF: 3.2/8

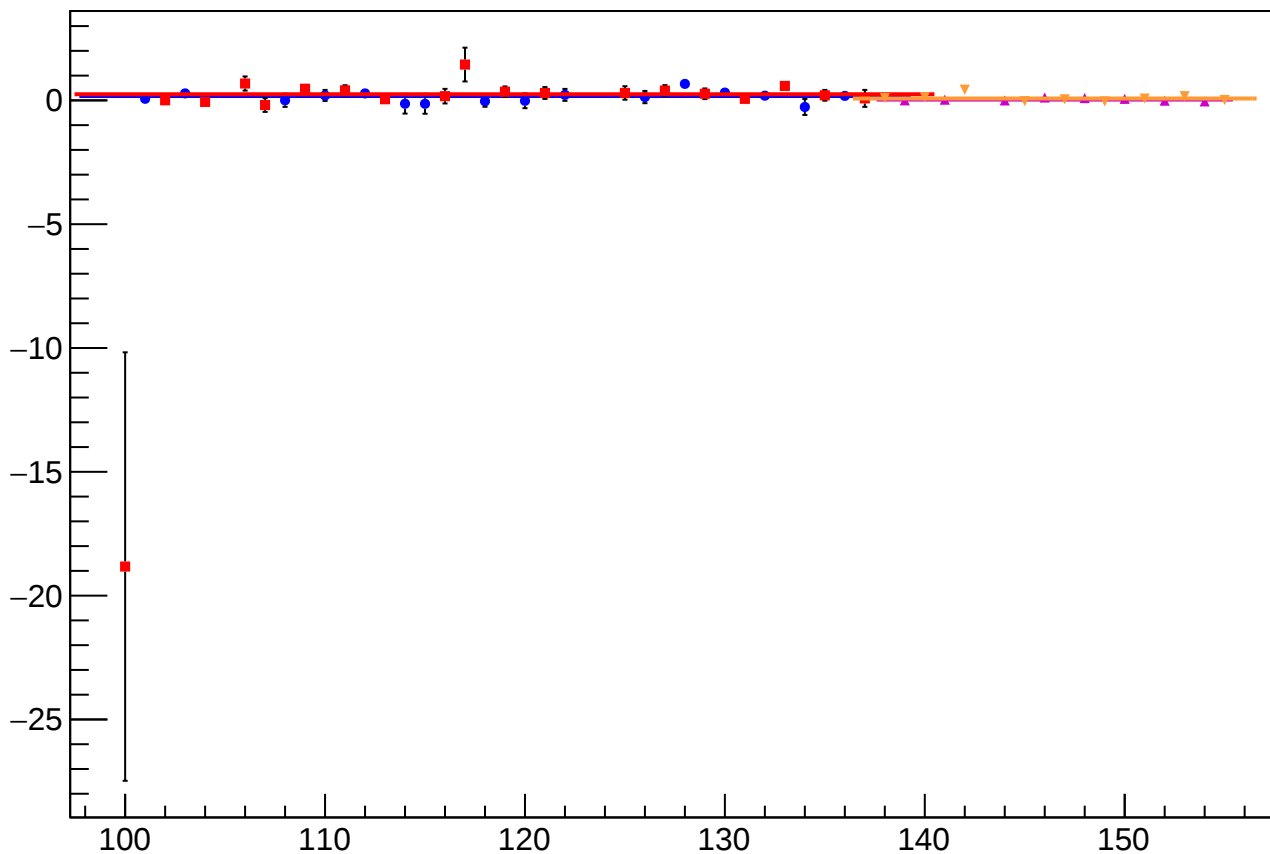
Right Out: -0.053 $\pm$ 0.029 χ^2 /NDF: 28.8/18

Left In: -0.023 $\pm$ 0.026 χ^2 /NDF: 11.5/7

-0.050 $\pm$ 0.019 χ^2 /NDF: 21.7/24

-0.036 $\pm$ 0.019 χ^2 /NDF: 40.9/26

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.176+/-0.053 χ^2/NDF : 13.0/15

Left Out: 0.075+/-0.036 χ^2/NDF : 8.0/8

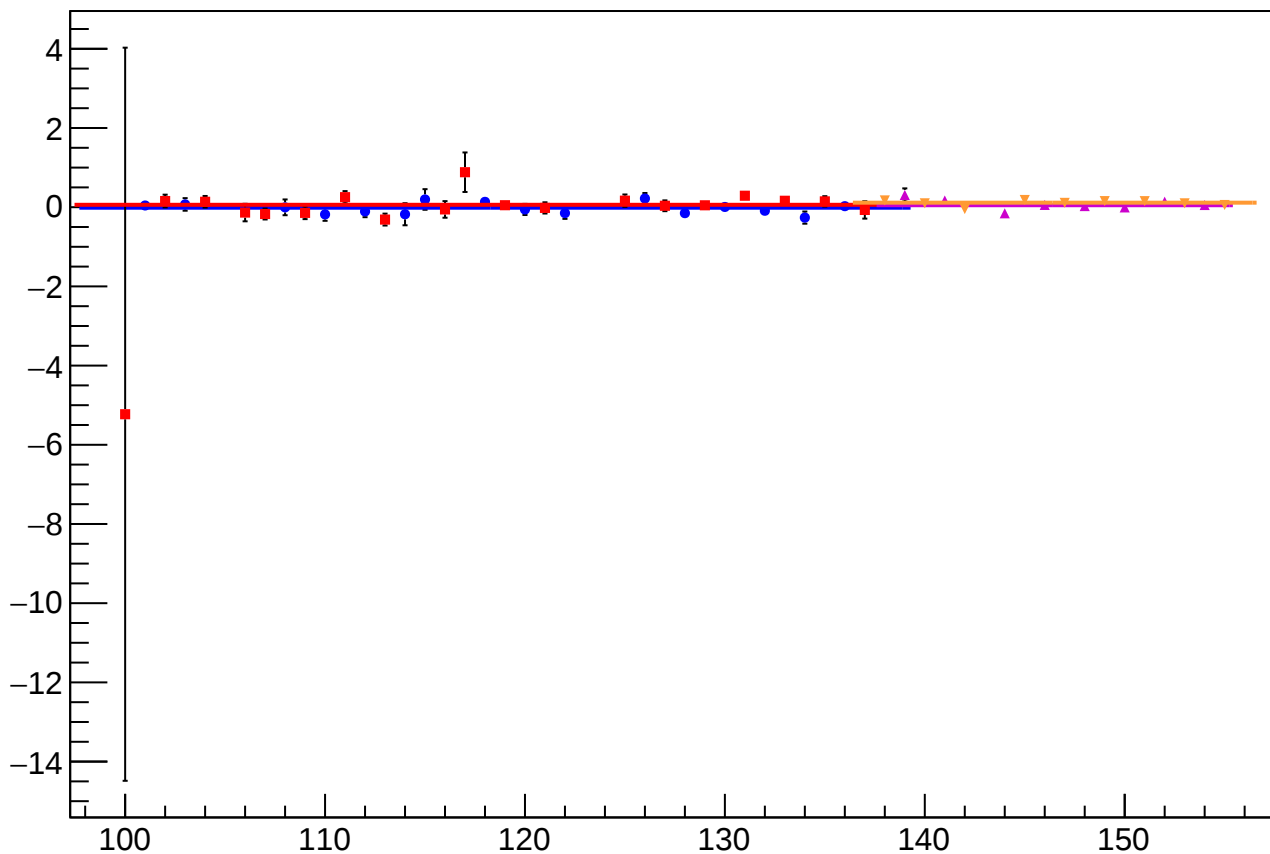
Right Out: 0.247+/-0.054 χ^2/NDF : 24.7/18

Left In: 0.033+/-0.037 χ^2/NDF : 2.0/7

0.107+/-0.030 χ^2/NDF : 23.5/24

0.101+/-0.030 χ^2/NDF : 37.6/26

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.013 ± 0.033 χ^2/NDF : 13.6/15

Left Out: 0.114 ± 0.030 χ^2/NDF : 3.4/8

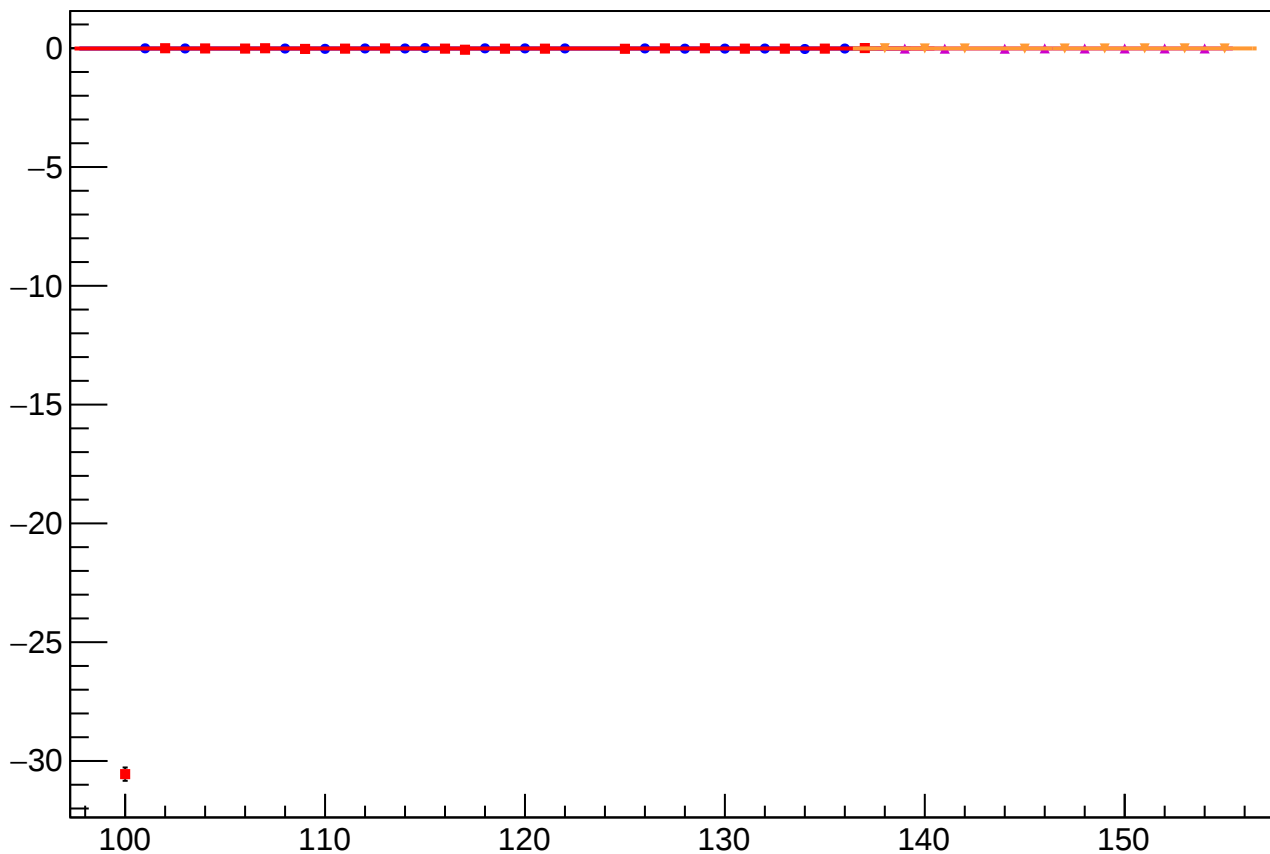
Right Out: 0.061 ± 0.034 χ^2/NDF : 23.1/18

Left In: 0.050 ± 0.031 χ^2/NDF : 10.8/7

0.055 ± 0.022 χ^2/NDF : 25.1/24

0.055 ± 0.023 χ^2/NDF : 34.0/26

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 $\chi^2/\text{NDF}: 12.8/15$

Left Out: -0.009 ± 0.001 $\chi^2/\text{NDF}: 8.2/8$

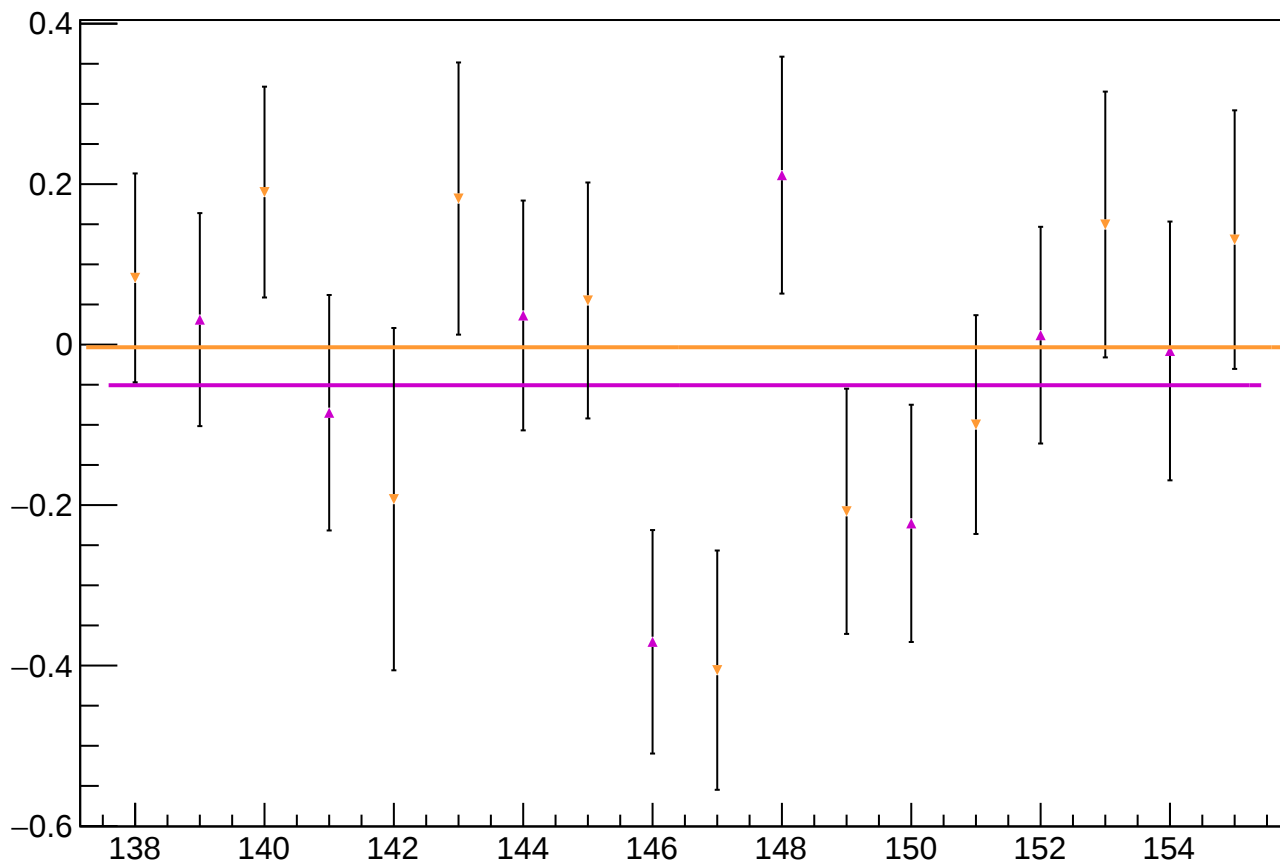
Right Out: -0.012 ± 0.002 $\chi^2/\text{NDF}: 11894.0/18$

Left In: -0.012 ± 0.001 $\chi^2/\text{NDF}: 8.0/7$

-0.010 ± 0.001 $\chi^2/\text{NDF}: 22.8/24$

-0.012 ± 0.001 $\chi^2/\text{NDF}: 11902.1/26$

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.003+/-0.048 χ^2/NDF : 15.9/9

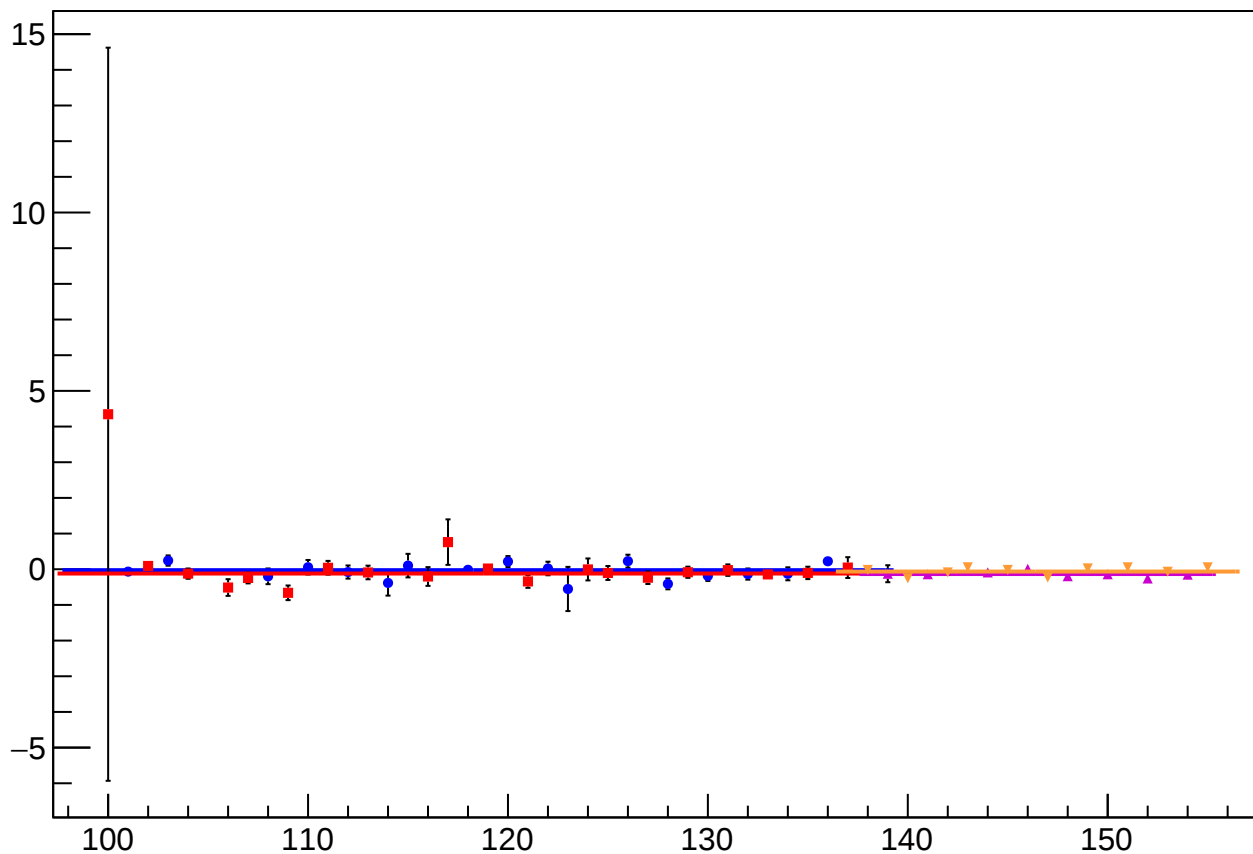
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.051+/-0.051 χ^2/NDF : 10.9/7

-0.003+/-0.048 χ^2/NDF : 15.9/9

-0.051+/-0.051 χ^2/NDF : 10.9/7

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.026±/0.037 χ^2 /NDF: 22.7/16

Left Out: -0.065±/0.032 χ^2 /NDF: 14.1/9

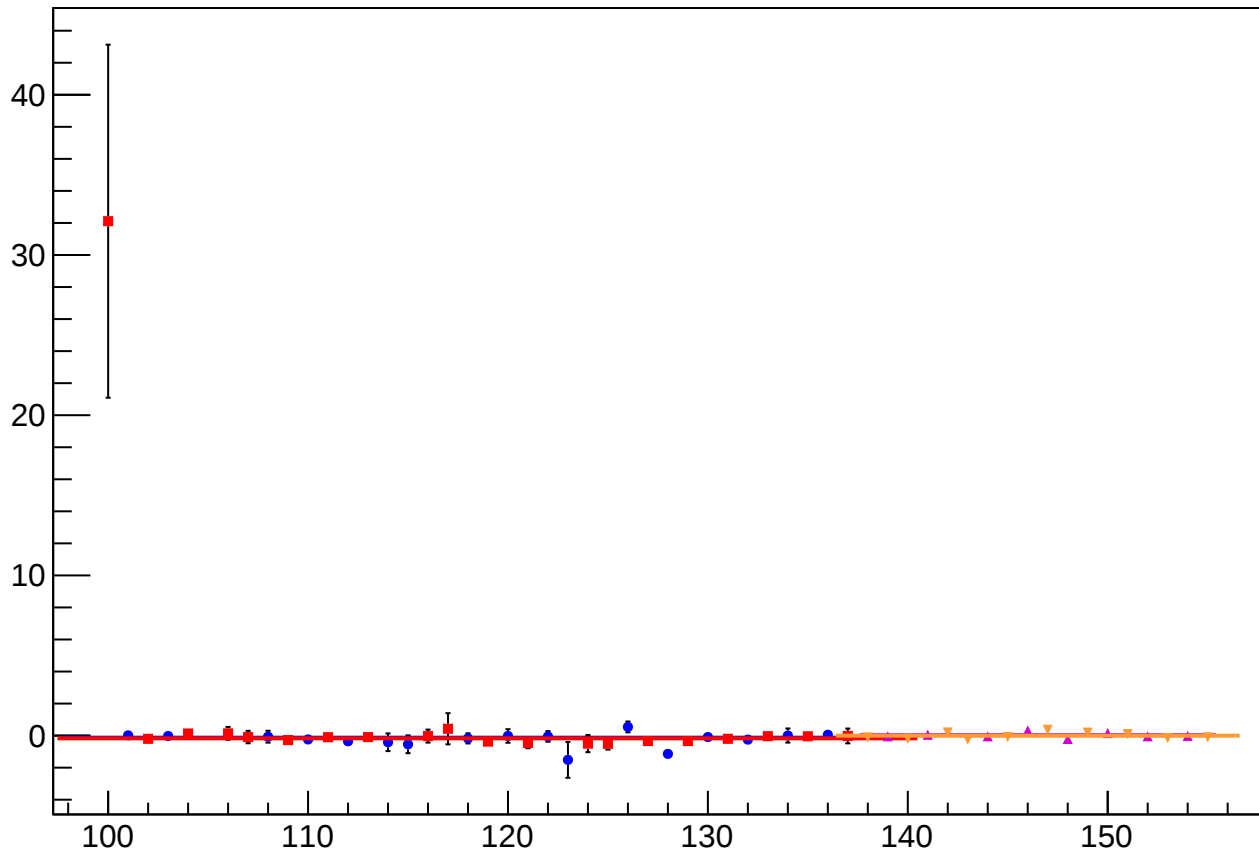
Right Out: -0.120±/0.039 χ^2 /NDF: 20.2/19

Left In: -0.134±/0.035 χ^2 /NDF: 5.6/7

-0.048±/0.024 χ^2 /NDF: 37.5/26

-0.128±/0.026 χ^2 /NDF: 25.9/27

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF : 23.1/16

Left Out: -0.003+/-0.048 χ^2/NDF : 16.0/9

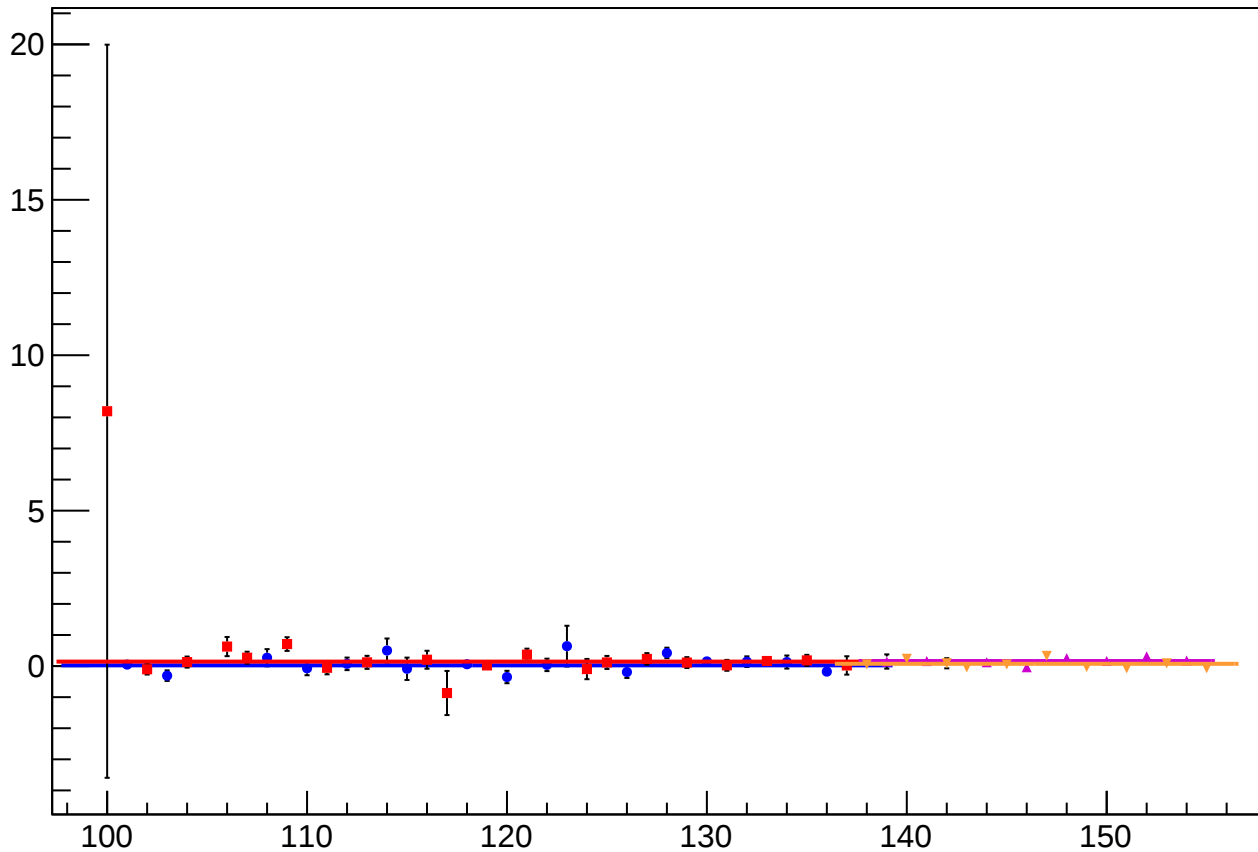
Right Out: -0.169+/-0.071 χ^2/NDF : 15.3/19

Left In: 0.028+/-0.050 χ^2/NDF : 9.5/7

-0.045+/-0.039 χ^2/NDF : 41.5/26

-0.038+/-0.041 χ^2/NDF : 30.0/27

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.023 ± 0.043 χ^2/NDF : 21.3/16

Left Out: 0.073 ± 0.040 χ^2/NDF : 13.1/9

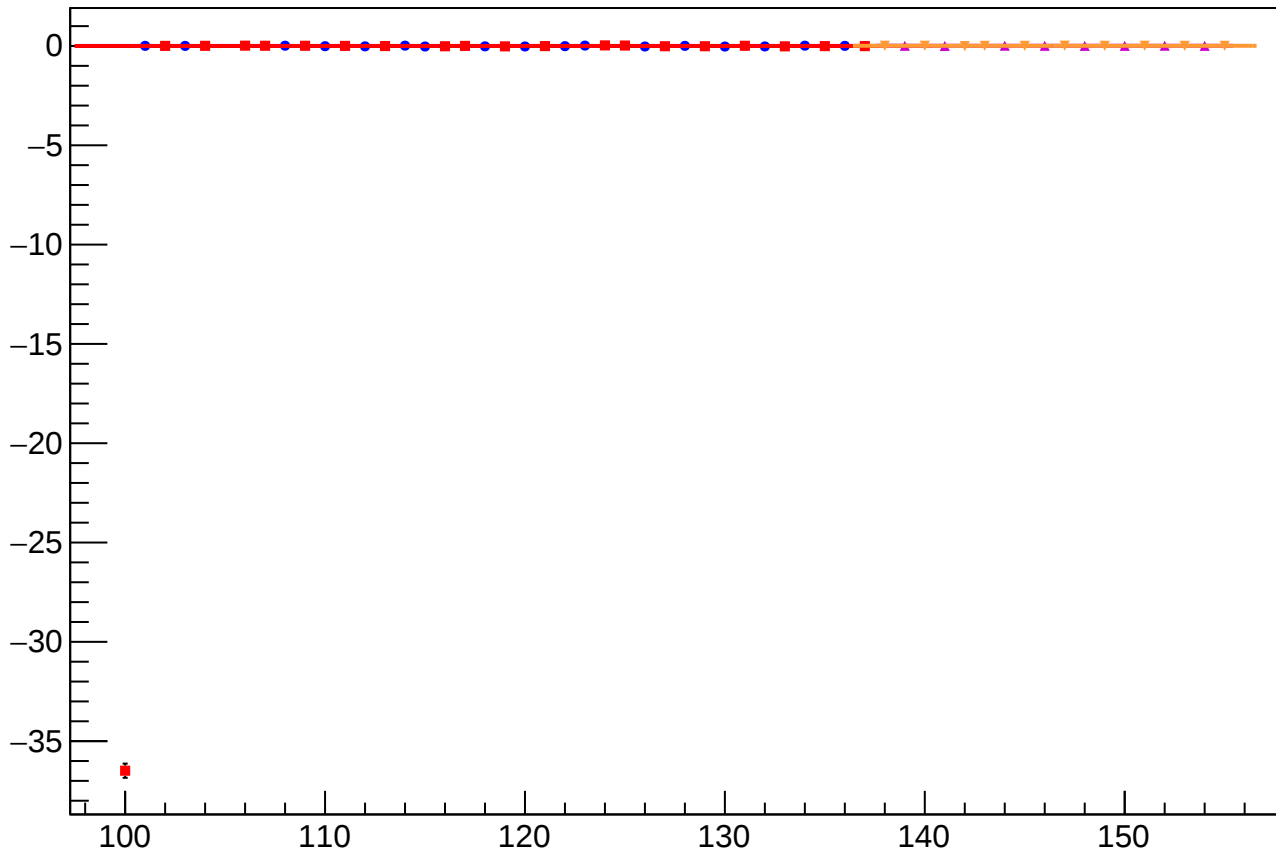
Right Out: 0.144 ± 0.045 χ^2/NDF : 18.6/19

Left In: 0.161 ± 0.043 χ^2/NDF : 6.1/7

0.050 ± 0.029 χ^2/NDF : 35.2/26

0.153 ± 0.031 χ^2/NDF : 24.8/27

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 30.6/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 4.6/9

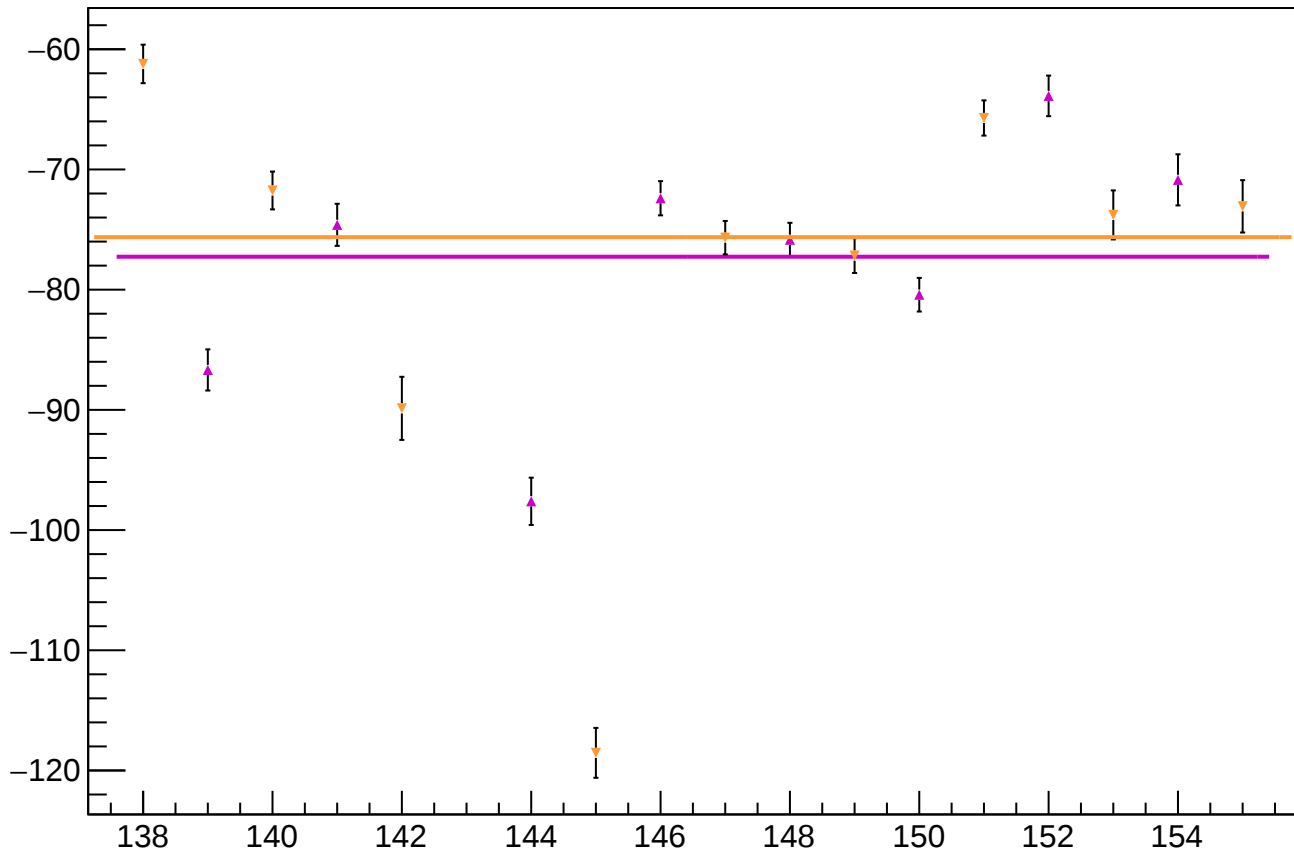
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/19

Left In: 0.010 $\pm$ 0.002 χ^2 /NDF: 2.8/7

0.006 $\pm$ 0.001 χ^2 /NDF: 43.7/26

0.006 $\pm$ 0.002 χ^2 /NDF: 10460.6/27

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -75.630+/-0.570 χ^2/NDF : 592.8/8

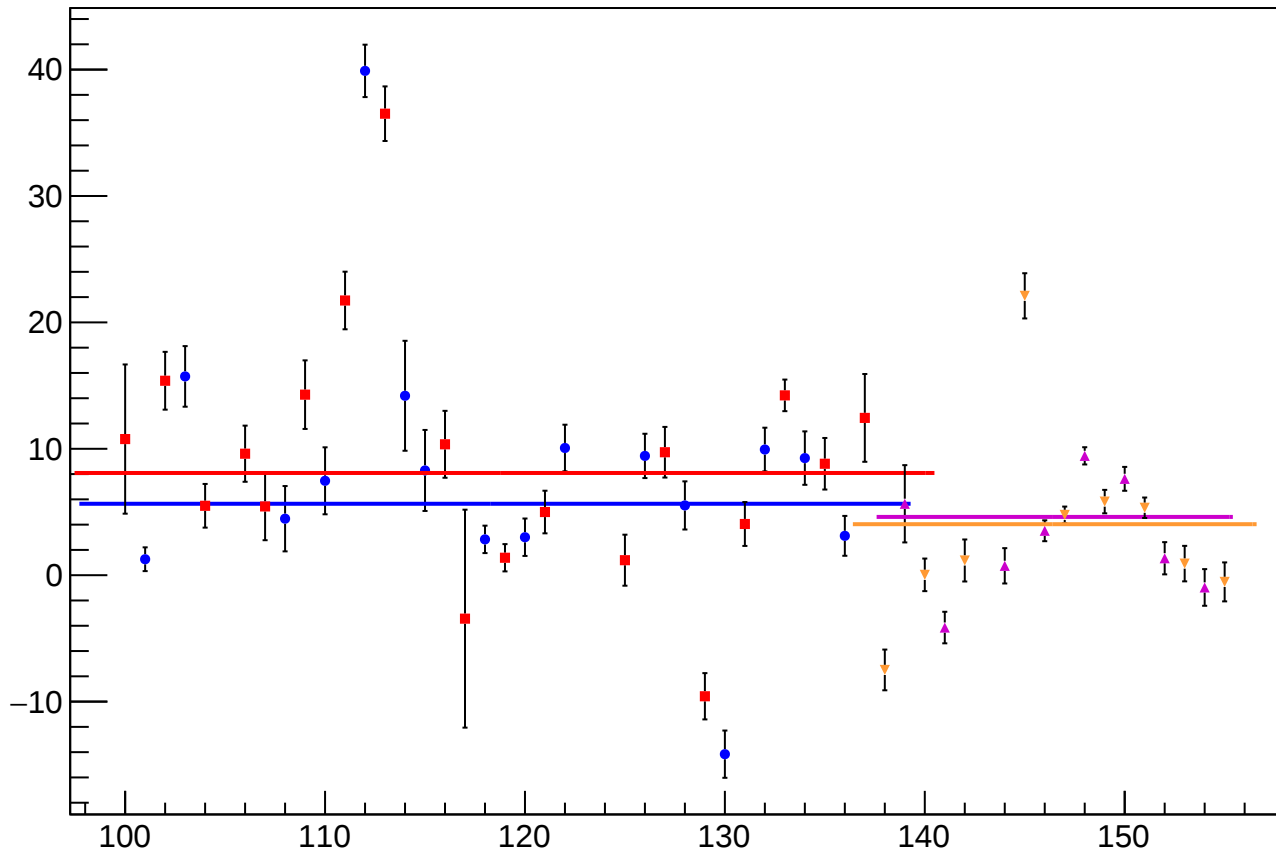
-75.630+/-0.570 χ^2/NDF : 592.8/8

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

Left In: -77.260+/-0.577 χ^2/NDF : 229.3/7

-77.260+/-0.577 χ^2/NDF : 229.3/7

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.651 ± 0.429 χ^2/NDF : 461.9/15

Left Out: 4.035 ± 0.363 χ^2/NDF : 187.2/8

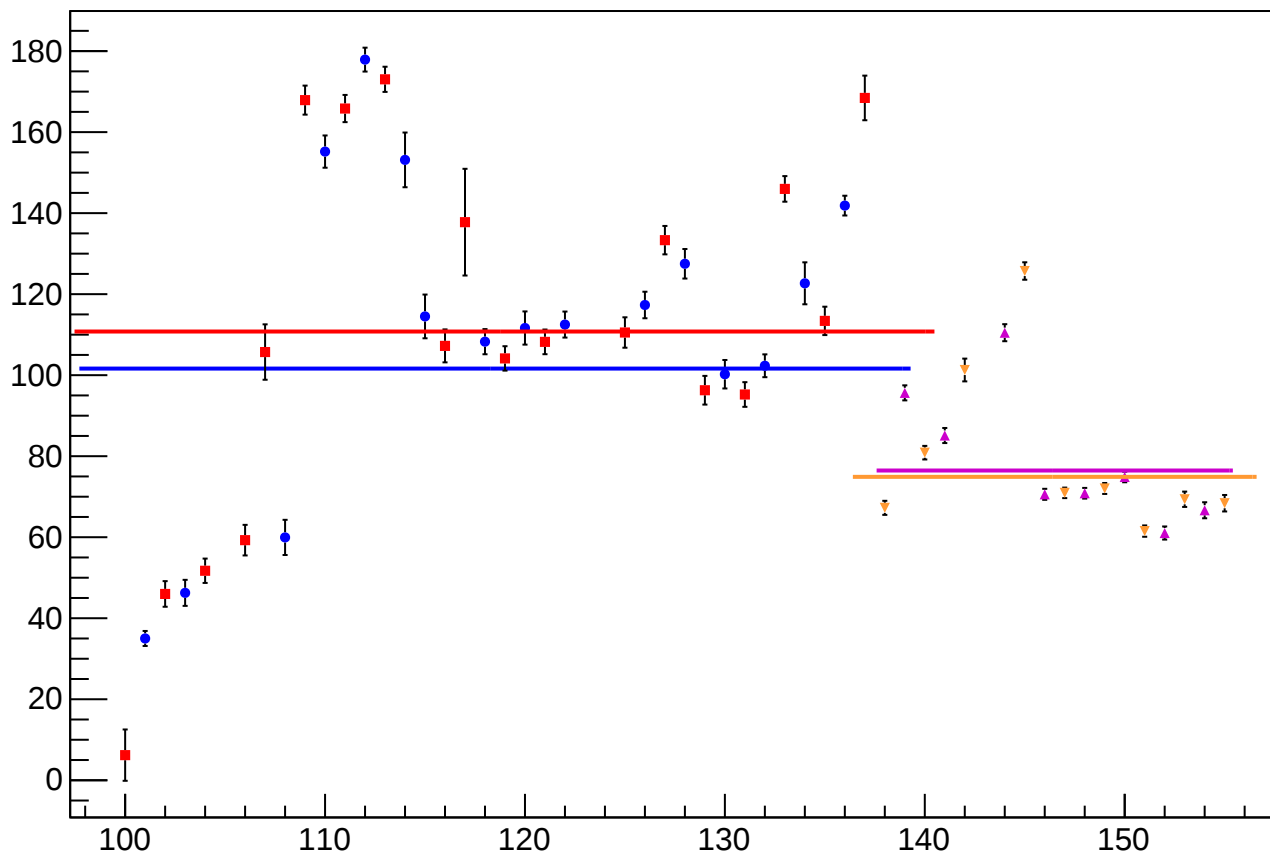
Right Out: 8.087 ± 0.452 χ^2/NDF : 409.7/18

Left In: 4.611 ± 0.376 χ^2/NDF : 140.4/7

4.710 ± 0.277 χ^2/NDF : 657.3/24

6.031 ± 0.289 χ^2/NDF : 585.1/26

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.630 $\pm$ 0.812 χ^2 /NDF: 2980.2/15

Left Out: 74.901 $\pm$ 0.559 χ^2 /NDF: 800.8/8

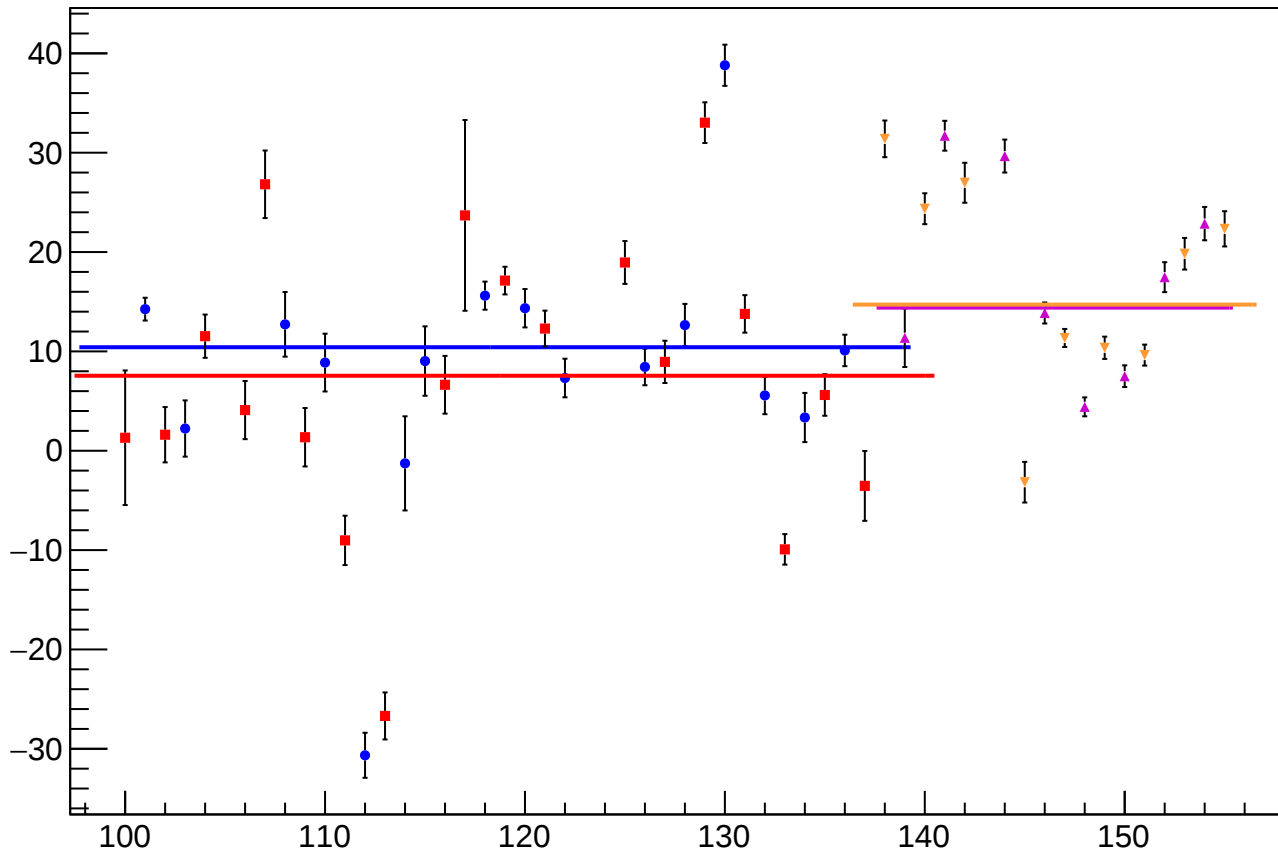
Right Out: 110.778 $\pm$ 0.834 χ^2 /NDF: 2518.3/18

Left In: 76.467 $\pm$ 0.564 χ^2 /NDF: 543.9/7

83.491 $\pm$ 0.460 χ^2 /NDF: 4516.2/24

87.228 $\pm$ 0.467 χ^2 /NDF: 4222.6/26

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.420 ± 0.497 $\chi^2/\text{NDF}: 579.7/15$

Left Out: 14.711 ± 0.456 $\chi^2/\text{NDF}: 314.4/8$

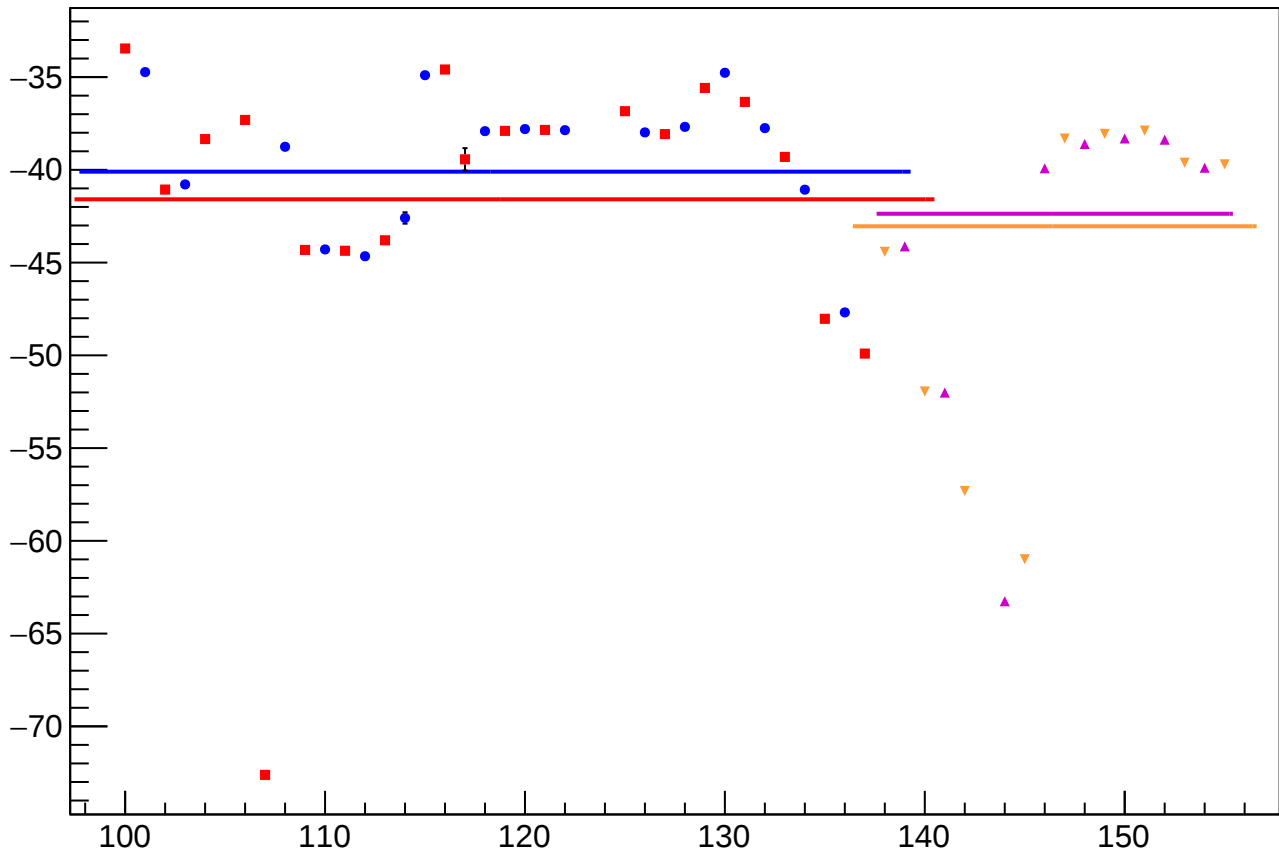
Right Out: 7.550 ± 0.522 $\chi^2/\text{NDF}: 692.3/18$

Left In: 14.405 ± 0.469 $\chi^2/\text{NDF}: 397.4/7$

12.751 ± 0.336 $\chi^2/\text{NDF}: 934.6/24$

11.346 ± 0.349 $\chi^2/\text{NDF}: 1185.0/26$

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.098 ± 0.028 $\chi^2/\text{NDF}: 25073.4/15$

Left Out: -43.042 ± 0.023 $\chi^2/\text{NDF}: 100604.3/8$

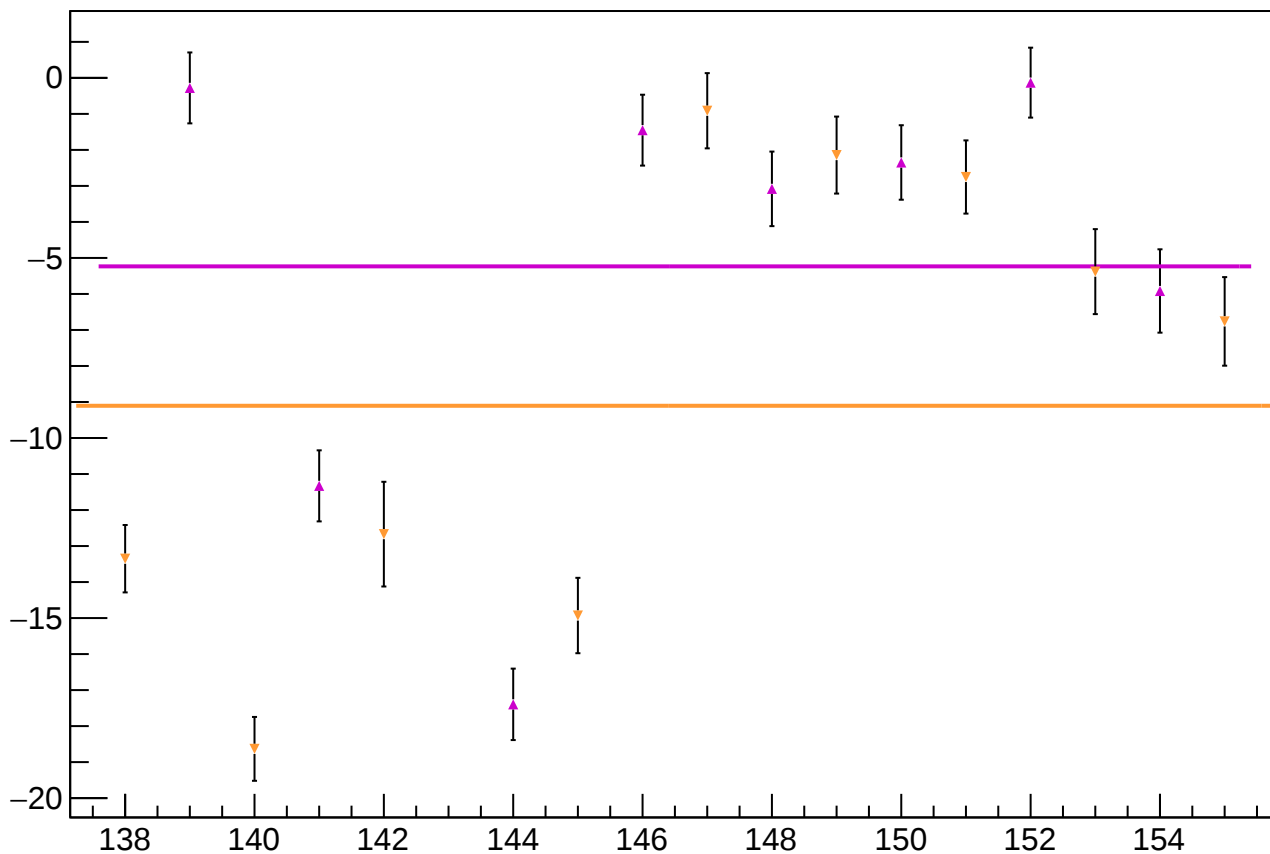
Right Out: -41.588 ± 0.029 $\chi^2/\text{NDF}: 61690.5/18$

Left In: -42.367 ± 0.023 $\chi^2/\text{NDF}: 84779.2/7$

-41.862 ± 0.018 $\chi^2/\text{NDF}: 132150.6/24$

-42.058 ± 0.018 $\chi^2/\text{NDF}: 146919.3/26$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -9.105+/-0.355 χ^2/NDF : 329.6/8

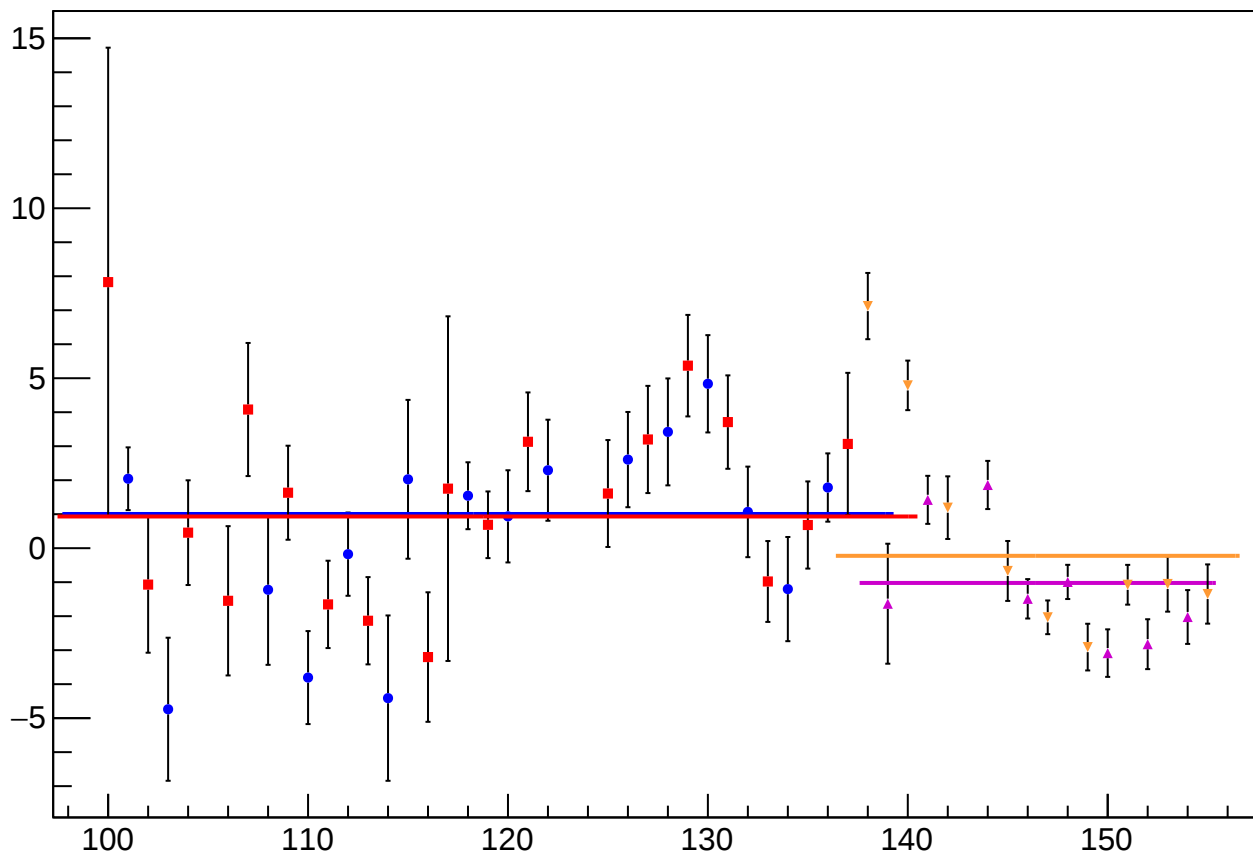
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.234+/-0.358 χ^2/NDF : 268.7/7

-9.105+/-0.355 χ^2/NDF : 329.6/8

-5.234+/-0.358 χ^2/NDF : 268.7/7

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 1.006 ± 0.342 $\chi^2/\text{NDF}: 42.7/15$

Left Out: -0.224 ± 0.240 $\chi^2/\text{NDF}: 140.2/8$

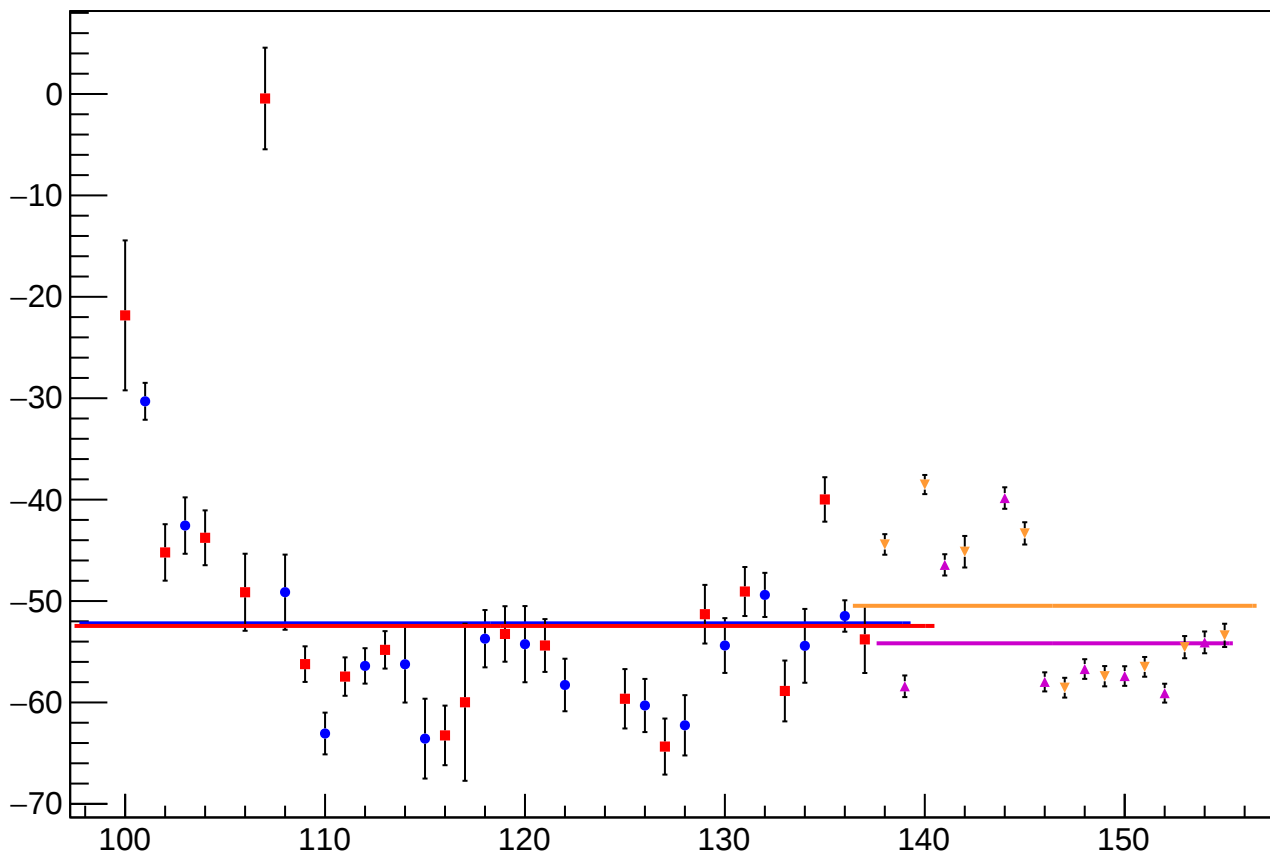
Right Out: 0.933 ± 0.352 $\chi^2/\text{NDF}: 41.9/18$

Left In: -1.022 ± 0.244 $\chi^2/\text{NDF}: 45.6/7$

0.183 ± 0.196 $\chi^2/\text{NDF}: 191.6/24$

-0.387 ± 0.201 $\chi^2/\text{NDF}: 108.3/26$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.200 ± 0.615 χ^2/NDF : 230.6/15

Left Out: -50.469 ± 0.353 χ^2/NDF : 425.1/8

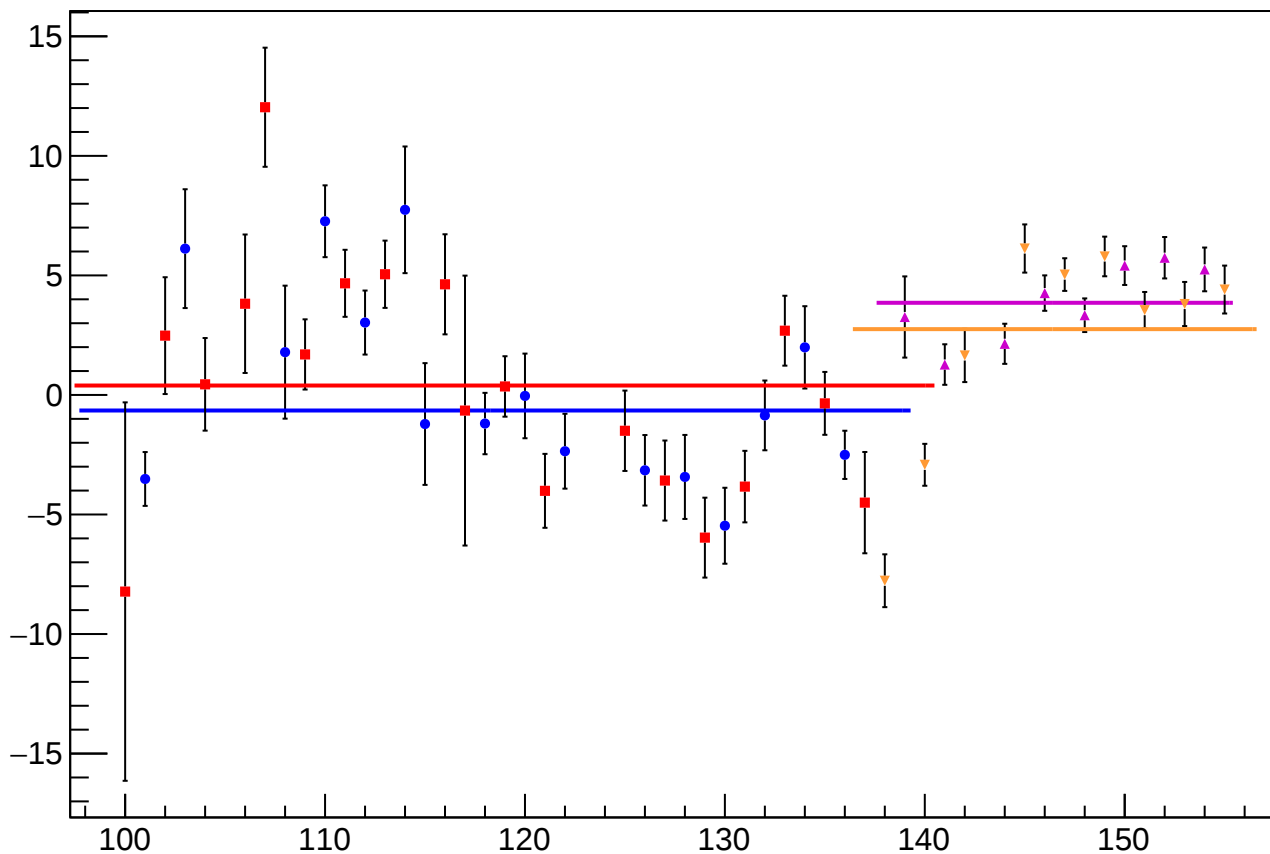
Right Out: -52.455 ± 0.614 χ^2/NDF : 234.8/18

Left In: -54.168 ± 0.355 χ^2/NDF : 314.6/7

-50.898 ± 0.306 χ^2/NDF : 661.7/24

-53.739 ± 0.307 χ^2/NDF : 555.3/26

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.651 ± 0.387 χ^2/NDF : 81.9/15

Left Out: 2.753 ± 0.296 χ^2/NDF : 174.5/8

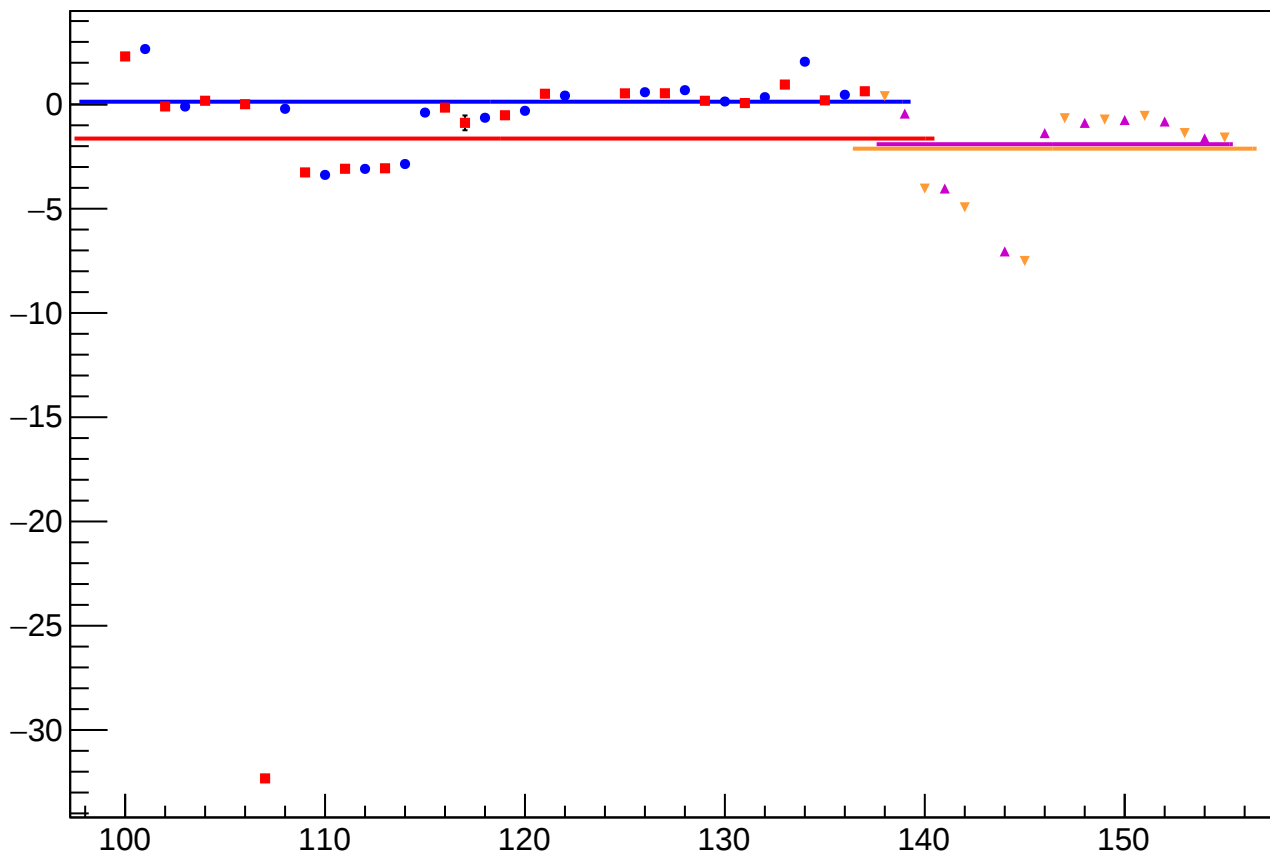
Right Out: 0.394 ± 0.398 χ^2/NDF : 95.9/18

Left In: 3.855 ± 0.301 χ^2/NDF : 25.2/7

1.496 ± 0.235 χ^2/NDF : 305.2/24

2.599 ± 0.240 χ^2/NDF : 169.1/26

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.132 ± 0.022 χ^2/NDF : 5247.5/15

Left Out: -2.120 ± 0.014 χ^2/NDF : 27776.6/8

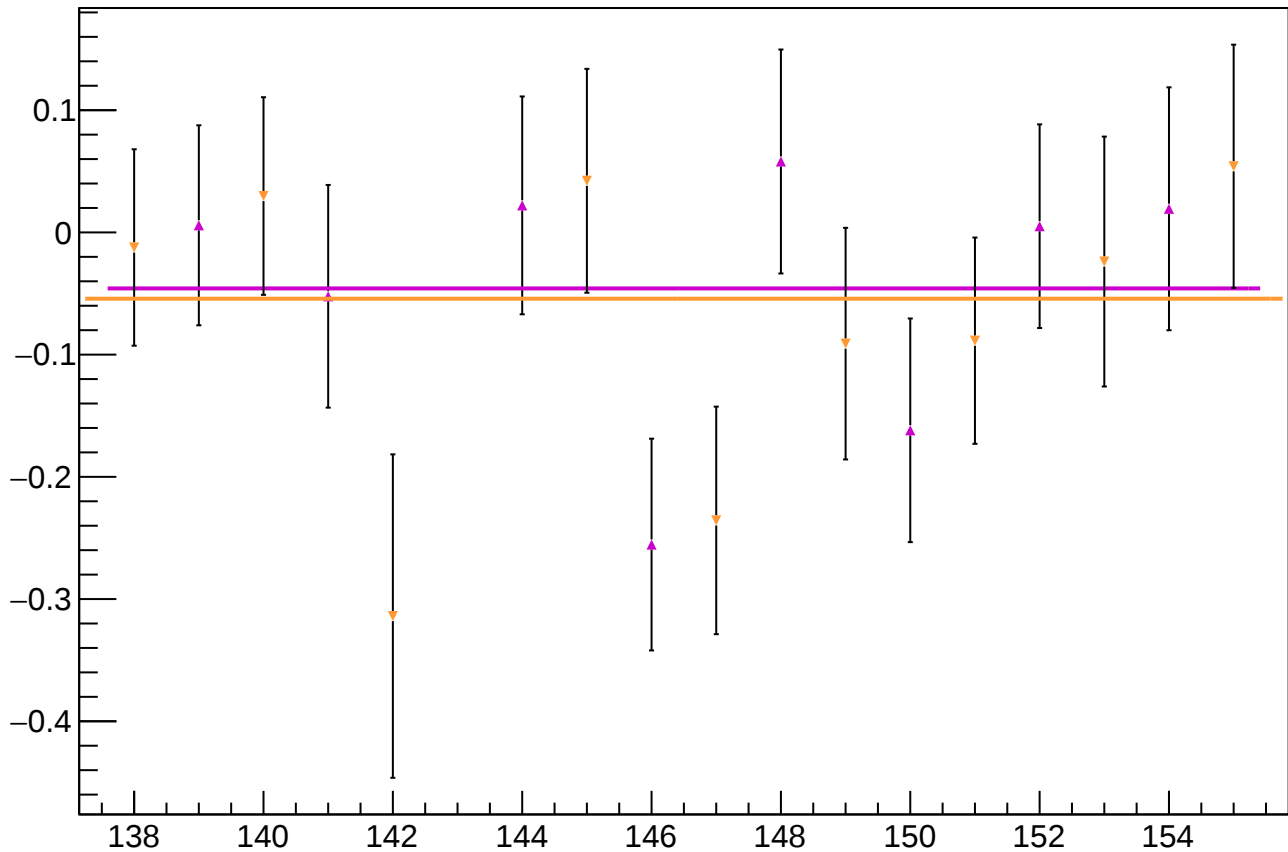
Right Out: -1.635 ± 0.022 χ^2/NDF : 77852.9/18

Left In: -1.907 ± 0.014 χ^2/NDF : 18815.7/7

-1.431 ± 0.012 χ^2/NDF : 40596.2/24

-1.825 ± 0.012 χ^2/NDF : 96776.9/26

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.054+/-0.031 χ^2/NDF : 11.7/8

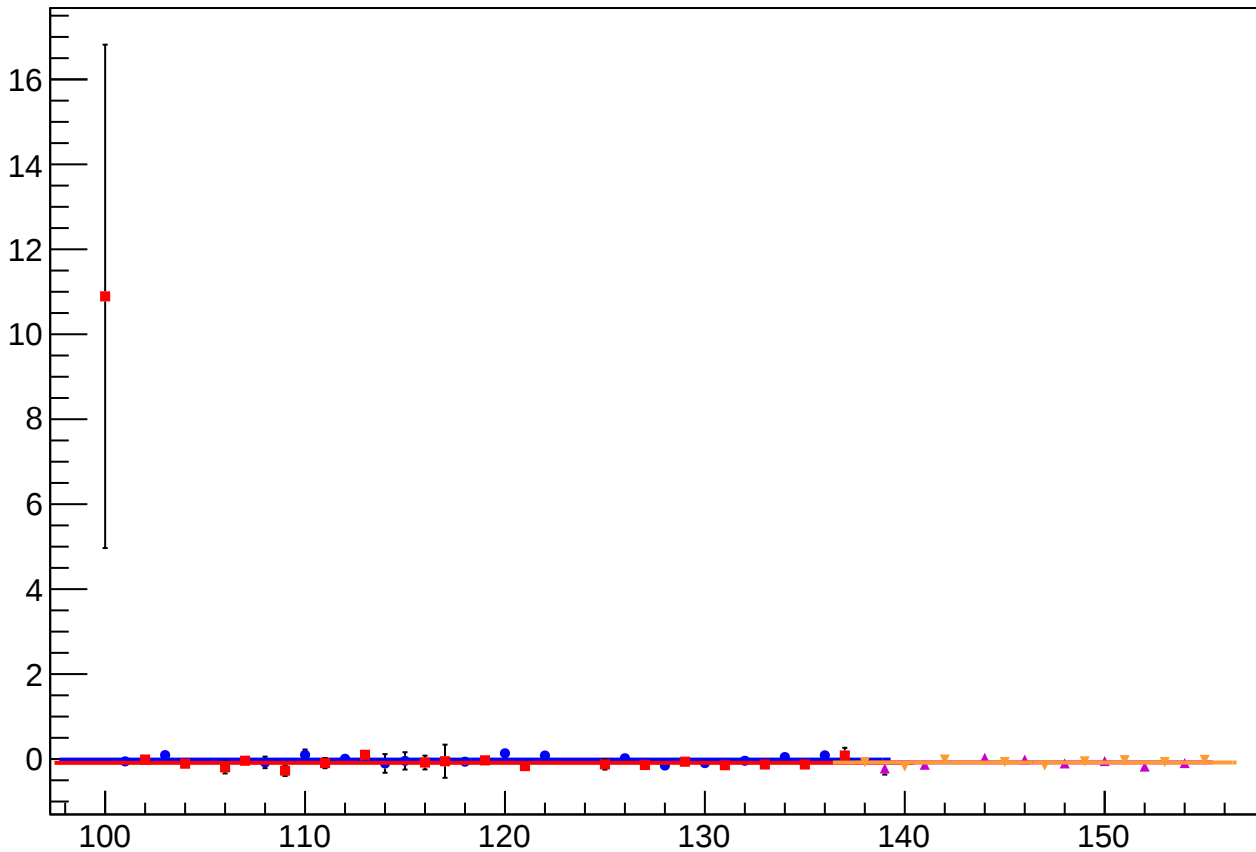
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.046+/-0.031 χ^2/NDF : 10.5/7

-0.054+/-0.031 χ^2/NDF : 11.7/8

-0.046+/-0.031 χ^2/NDF : 10.5/7

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 $\chi^2/\text{NDF}: 11.7/15$

Left Out: -0.082 ± 0.021 $\chi^2/\text{NDF}: 7.9/8$

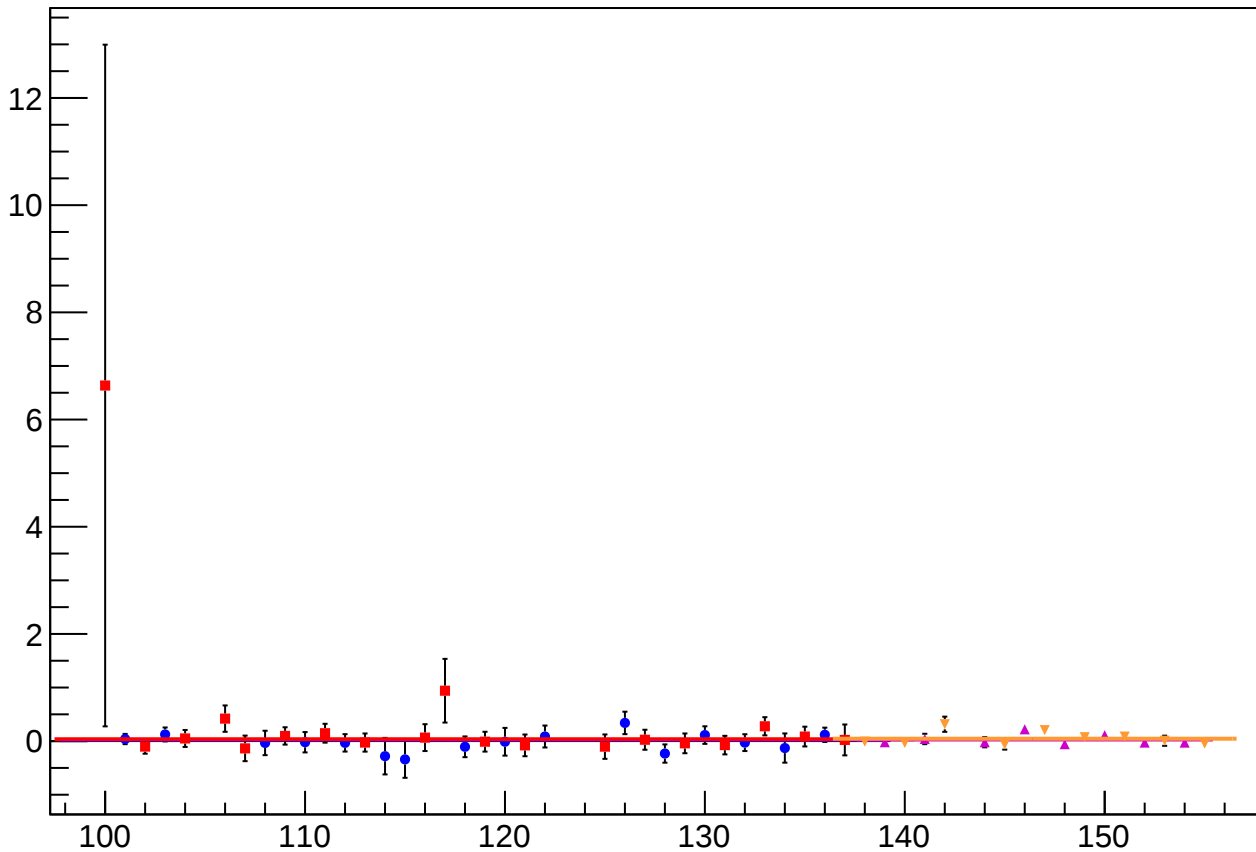
Right Out: -0.089 ± 0.025 $\chi^2/\text{NDF}: 13.0/18$

Left In: -0.078 ± 0.022 $\chi^2/\text{NDF}: 9.2/7$

-0.051 ± 0.016 $\chi^2/\text{NDF}: 24.3/24$

-0.083 ± 0.016 $\chi^2/\text{NDF}: 22.3/26$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.020 ± 0.043 χ^2/NDF : 9.1/15

Left Out: 0.045 ± 0.031 χ^2/NDF : 10.9/8

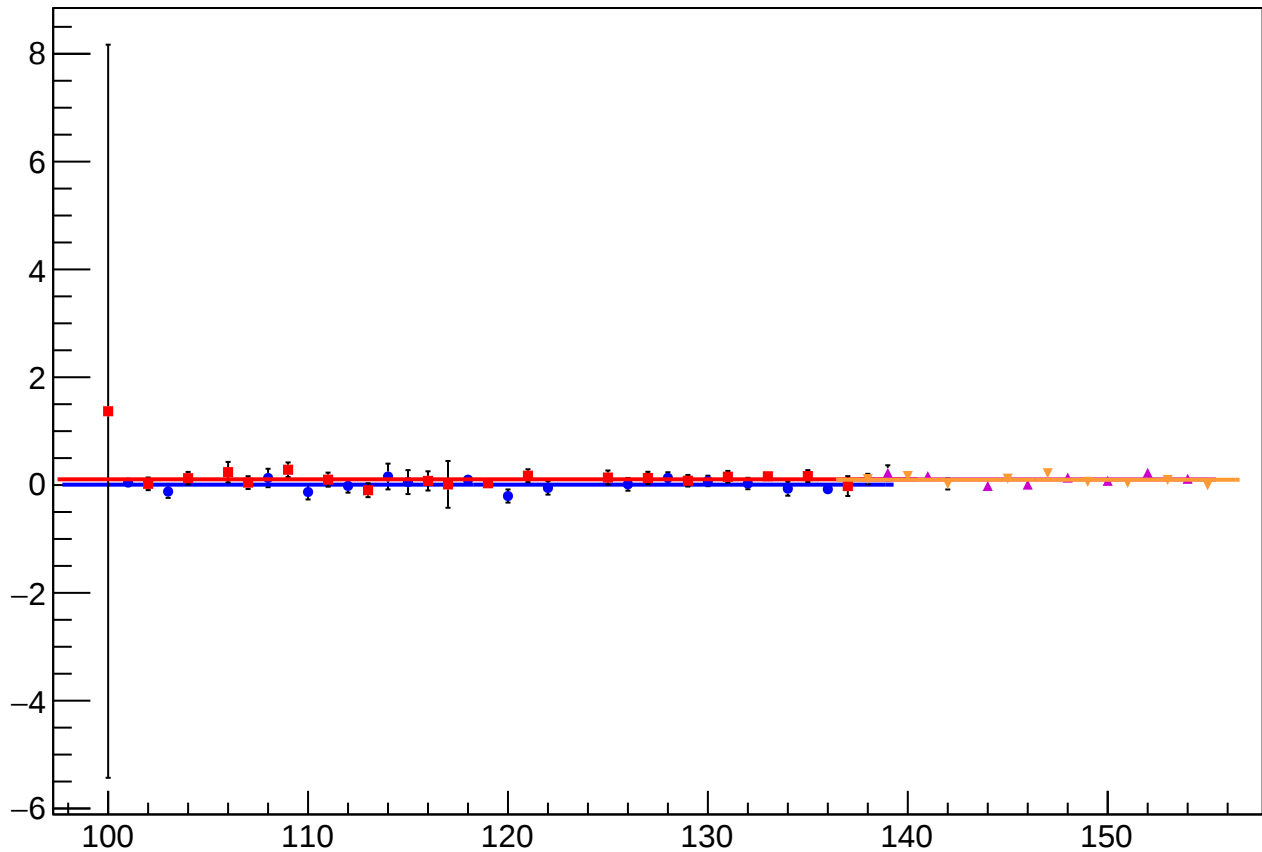
Right Out: 0.035 ± 0.045 χ^2/NDF : 11.6/18

Left In: 0.030 ± 0.031 χ^2/NDF : 8.7/7

0.037 ± 0.025 χ^2/NDF : 20.3/24

0.032 ± 0.026 χ^2/NDF : 20.3/26

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 11.3/15

Left Out: 0.099 ± 0.026 χ^2/NDF : 8.1/8

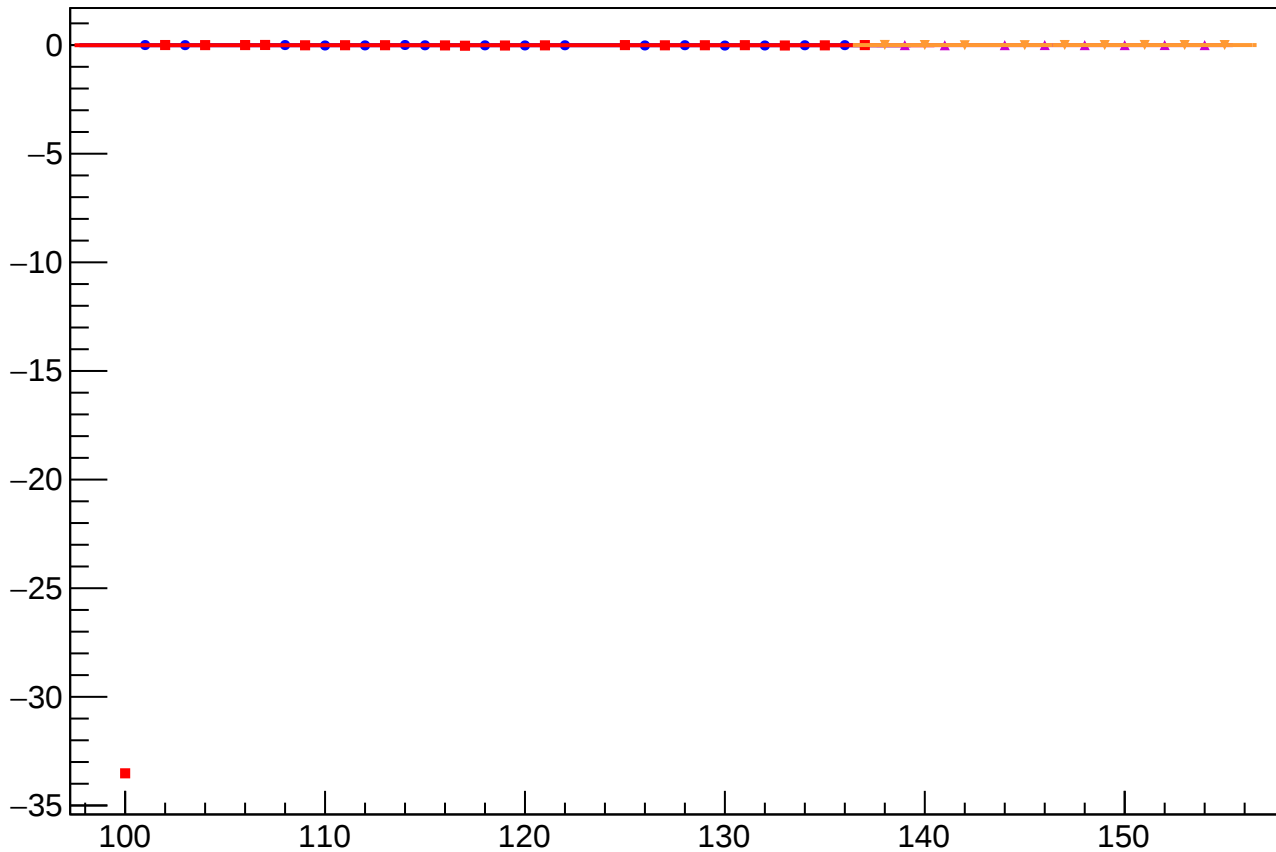
Right Out: 0.106 ± 0.029 χ^2/NDF : 8.2/18

Left In: 0.105 ± 0.027 χ^2/NDF : 9.2/7

0.055 ± 0.019 χ^2/NDF : 25.3/24

0.106 ± 0.019 χ^2/NDF : 17.4/26

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 : 6.7/8

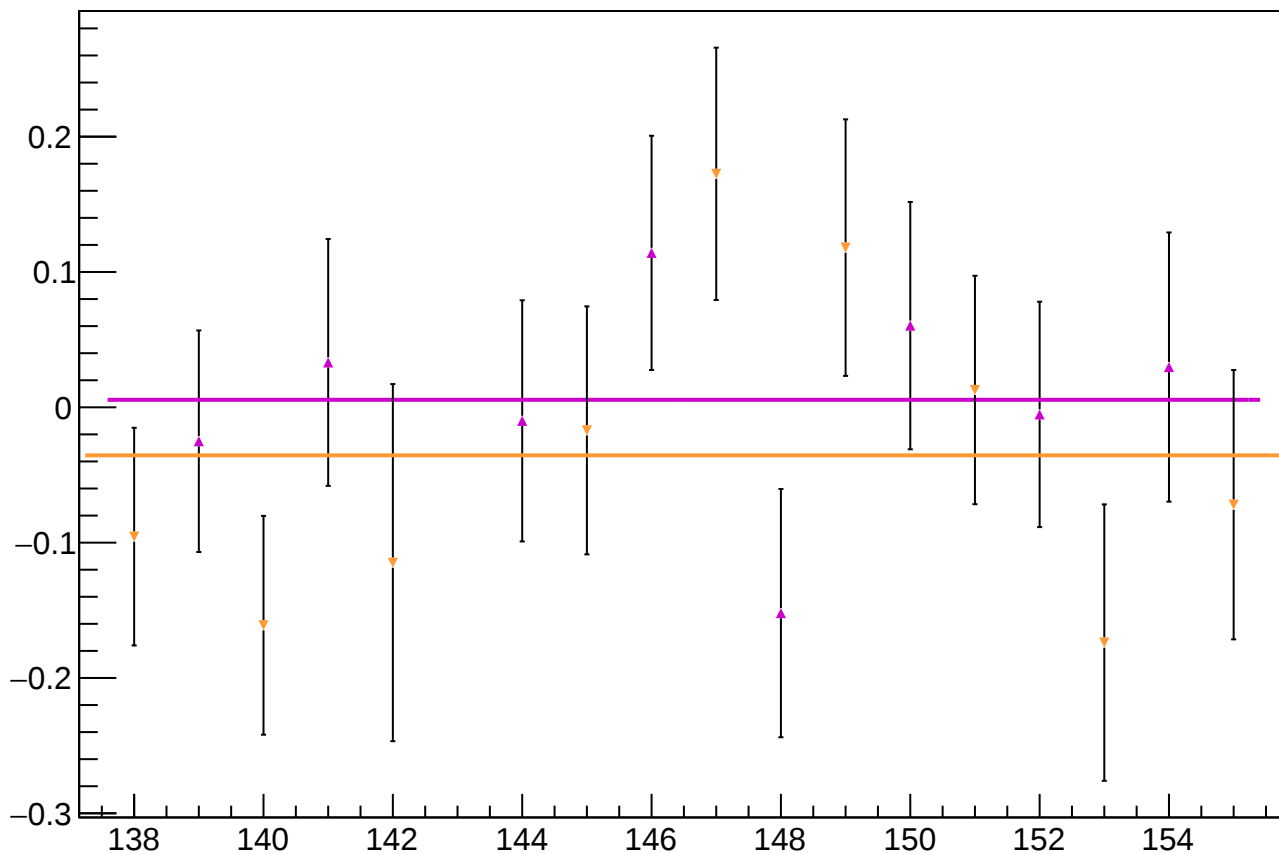
Right Out: -0.006 ± 0.001 χ^2/NDF : 26509.5/18

Left In: -0.001 ± 0.001 χ^2/NDF : 4.6/7

-0.002 ± 0.001 χ^2/NDF : 38.5/24

-0.003 ± 0.001 χ^2/NDF : 26521.0/26

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.035+/-0.031 χ^2/NDF : 13.3/8

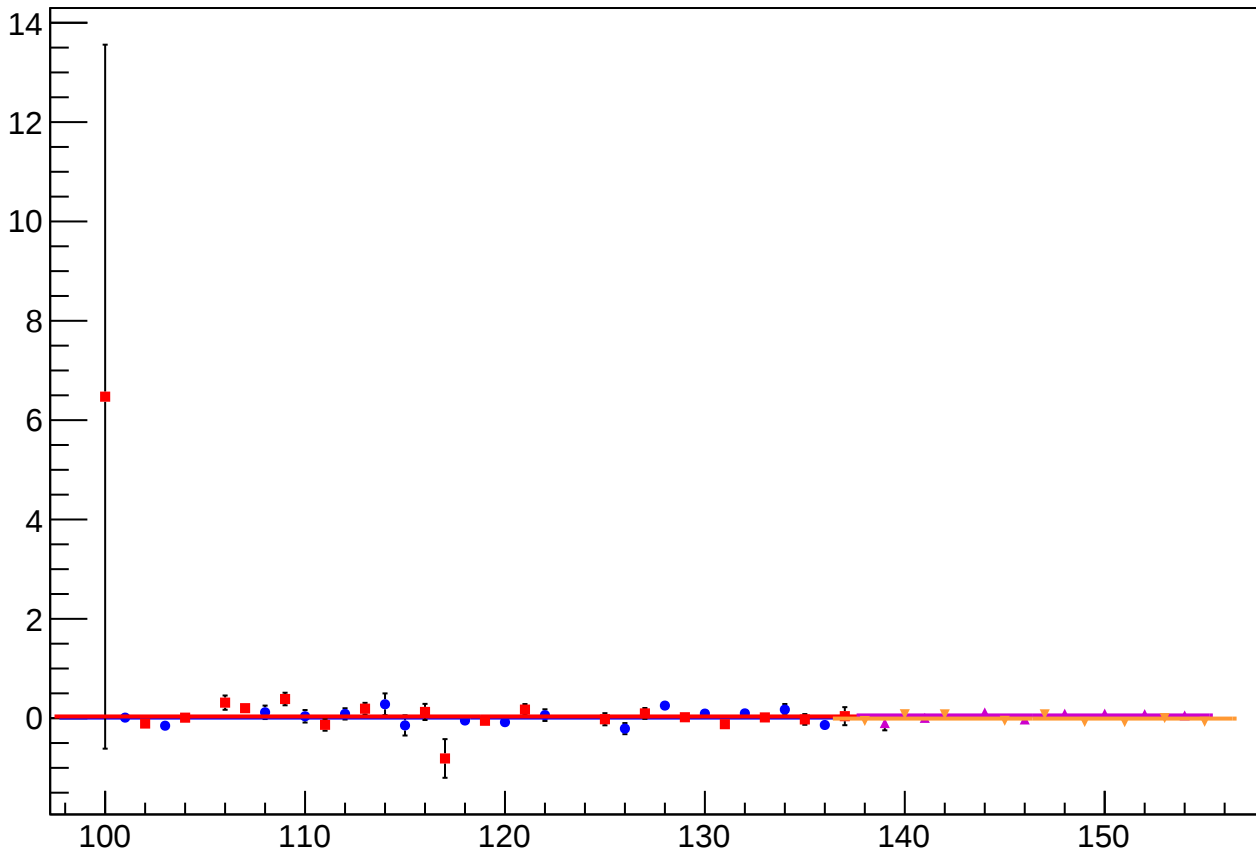
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.006+/-0.031 χ^2/NDF : 5.2/7

-0.035+/-0.031 χ^2/NDF : 13.3/8

0.006+/-0.031 χ^2/NDF : 5.2/7

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.012+/-0.023 χ^2/NDF : 25.0/15

Left Out: -0.008+/-0.021 χ^2/NDF : 11.5/8

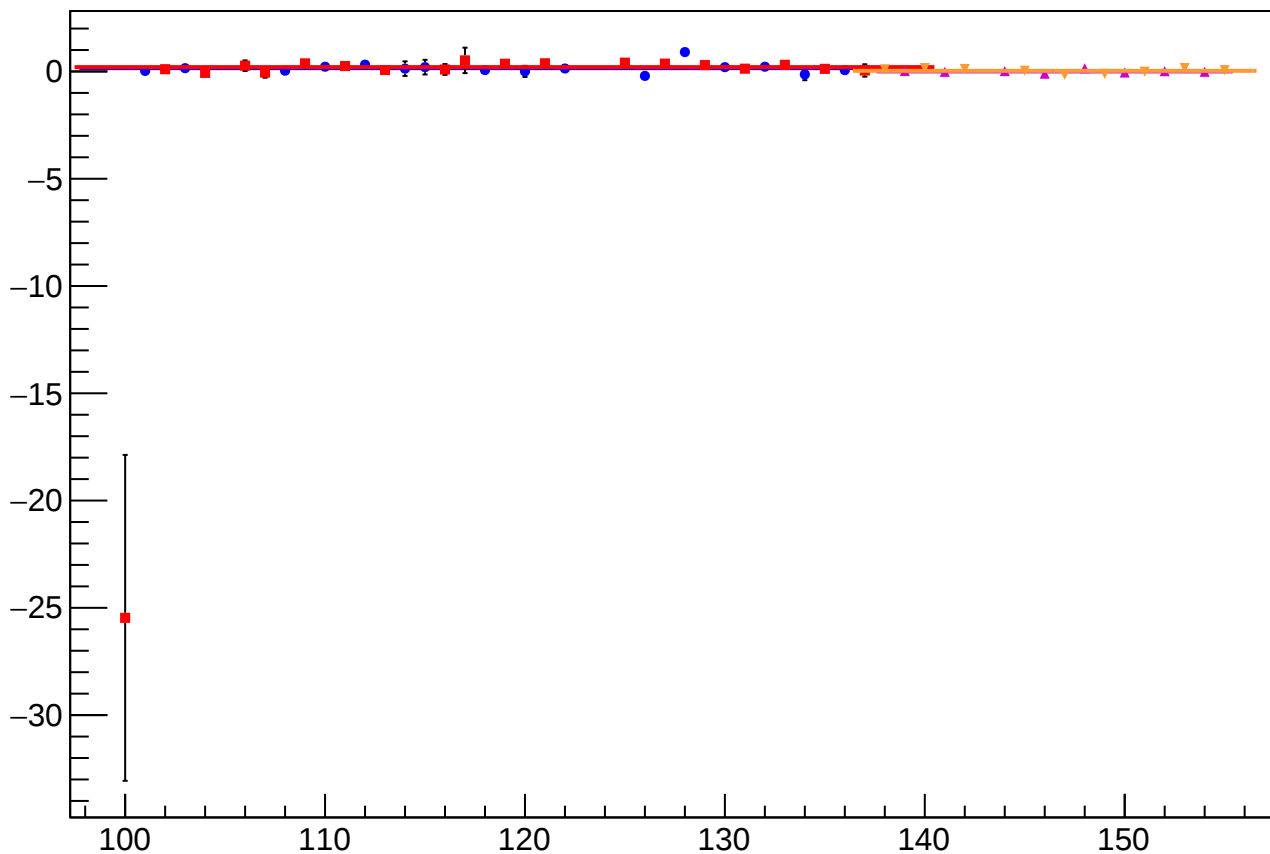
Right Out: 0.035+/-0.025 χ^2/NDF : 33.2/18

Left In: 0.055+/-0.022 χ^2/NDF : 6.2/7

0.001+/-0.016 χ^2/NDF : 36.9/24

0.046+/-0.016 χ^2/NDF : 39.7/26

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.154 ± 0.043 χ^2/NDF : 27.9/15

Left Out: 0.030 ± 0.031 χ^2/NDF : 13.0/8

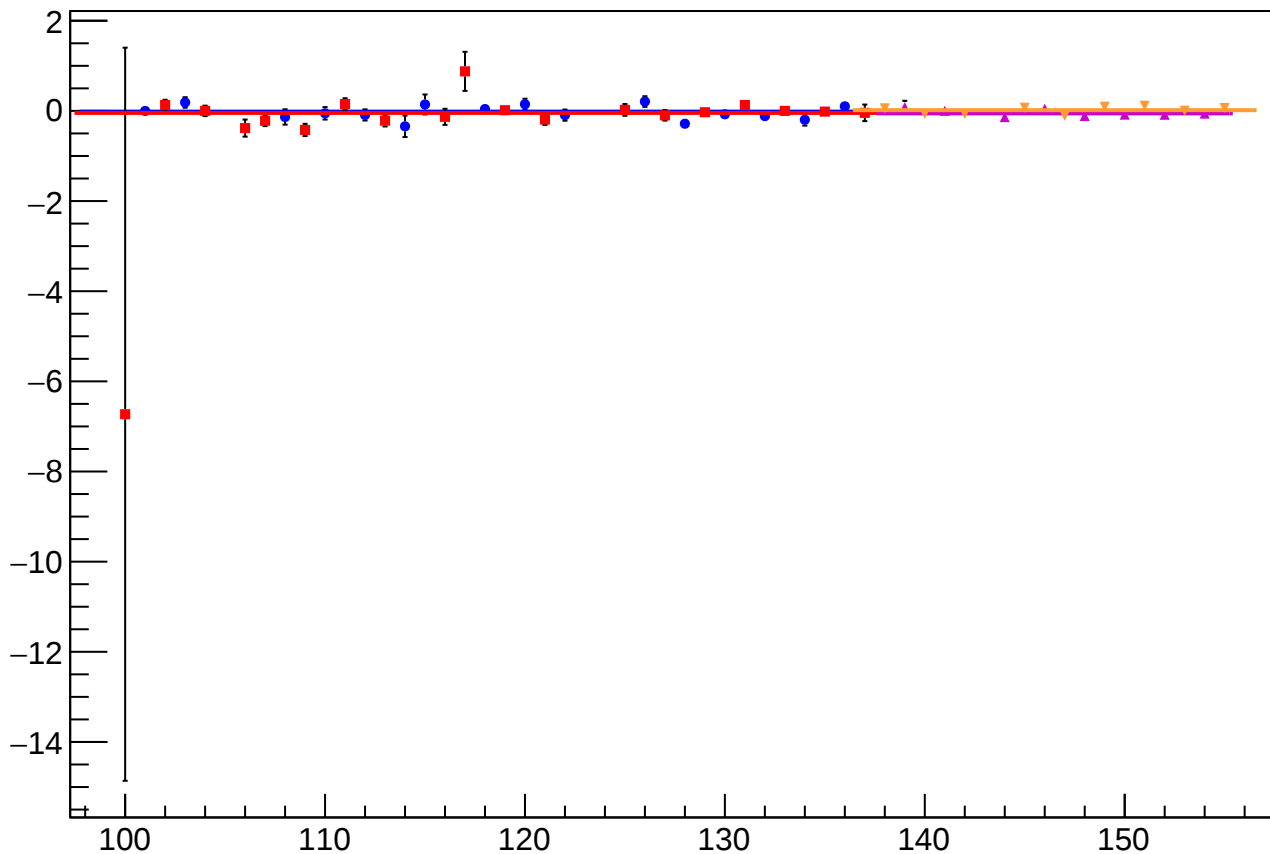
Right Out: 0.203 ± 0.045 χ^2/NDF : 22.9/18

Left In: 0.002 ± 0.031 χ^2/NDF : 5.0/7

0.072 ± 0.025 χ^2/NDF : 46.5/24

0.067 ± 0.026 χ^2/NDF : 41.4/26

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 ± 0.026 χ^2/NDF : 10.5/8

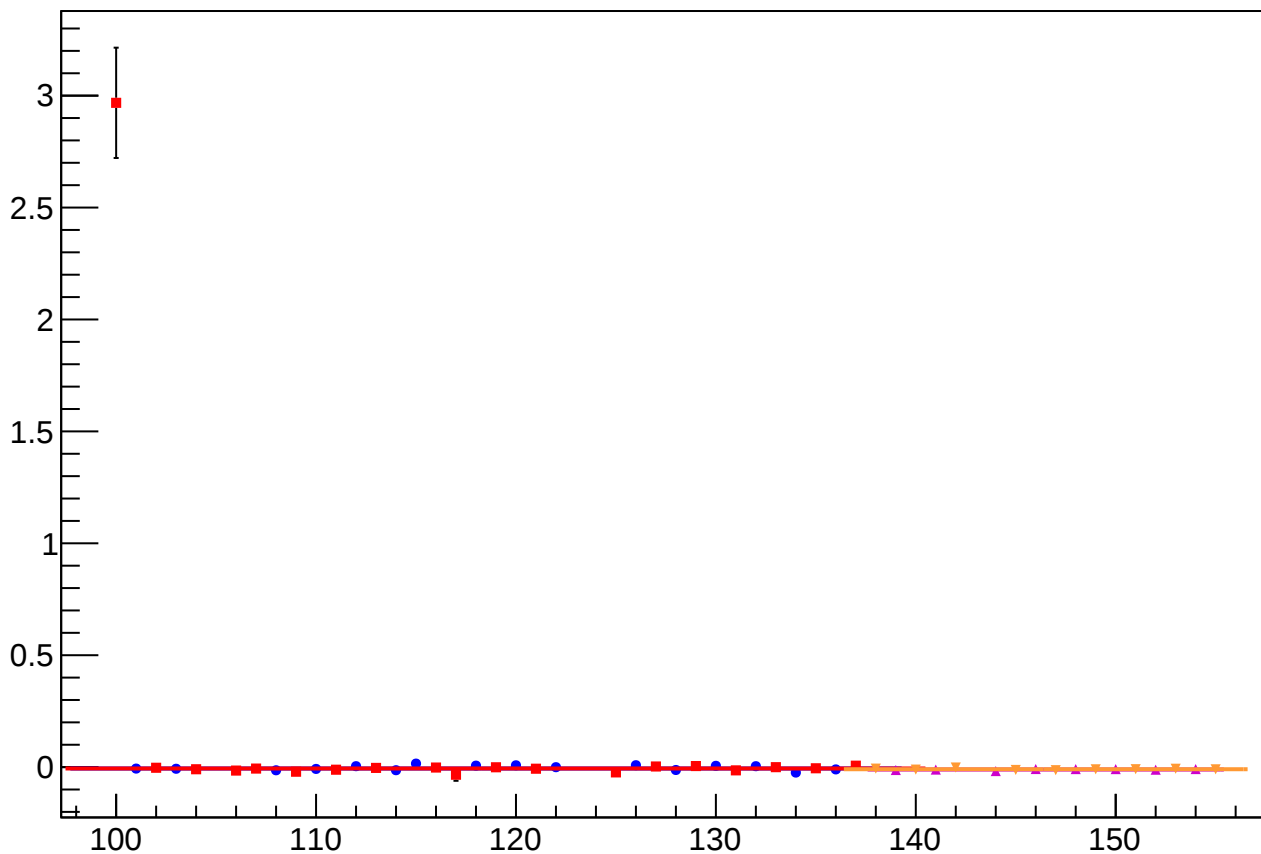
Right Out: -0.044 ± 0.029 χ^2/NDF : 30.5/18

Left In: -0.055 ± 0.027 χ^2/NDF : 6.4/7

0.001 ± 0.019 χ^2/NDF : 35.6/24

-0.050 ± 0.019 χ^2/NDF : 36.9/26

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 27.3/15

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF: 4.9/8

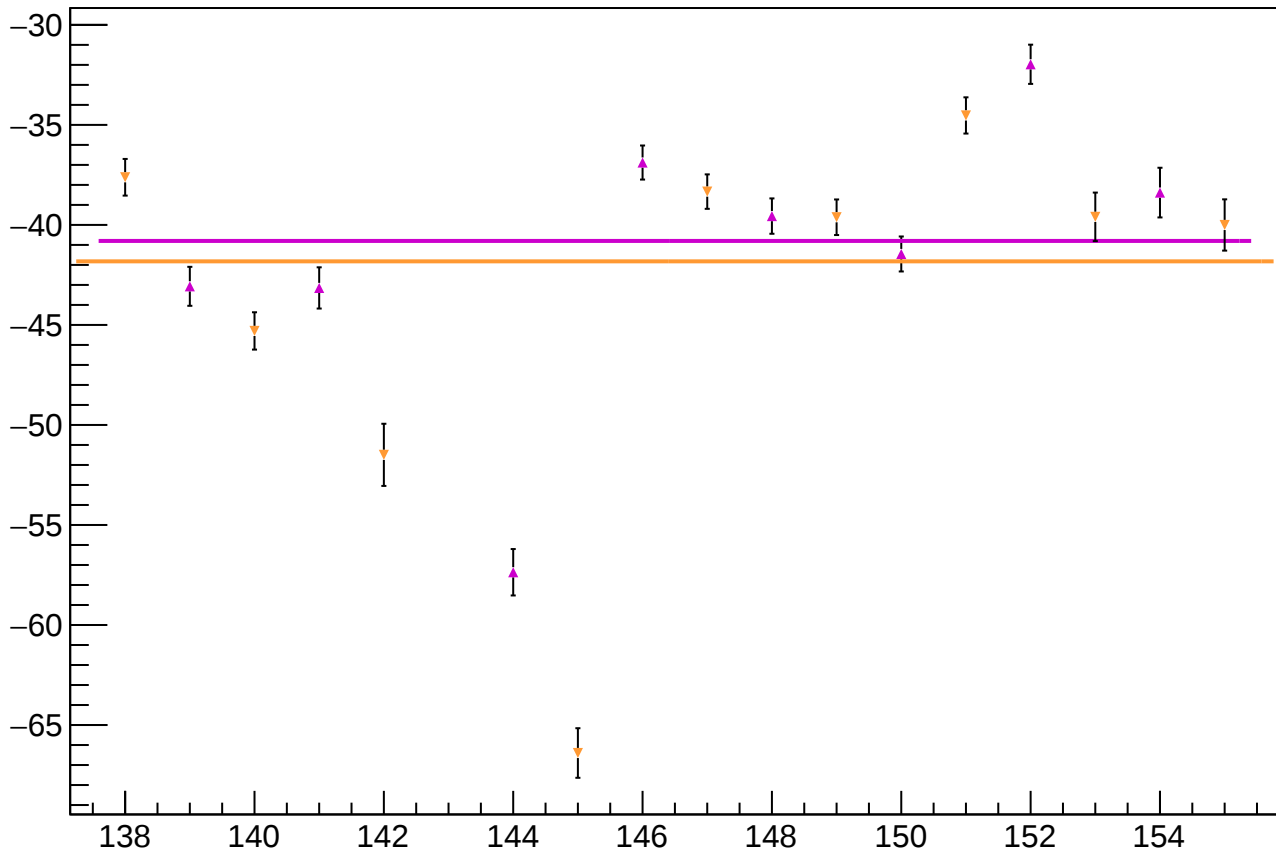
Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 167.0/18

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF: 4.6/7

-0.008 $\pm$ 0.001 χ^2 /NDF: 35.1/24

-0.009 $\pm$ 0.001 χ^2 /NDF: 177.7/26

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.821+/-0.343 χ^2/NDF : 559.6/8

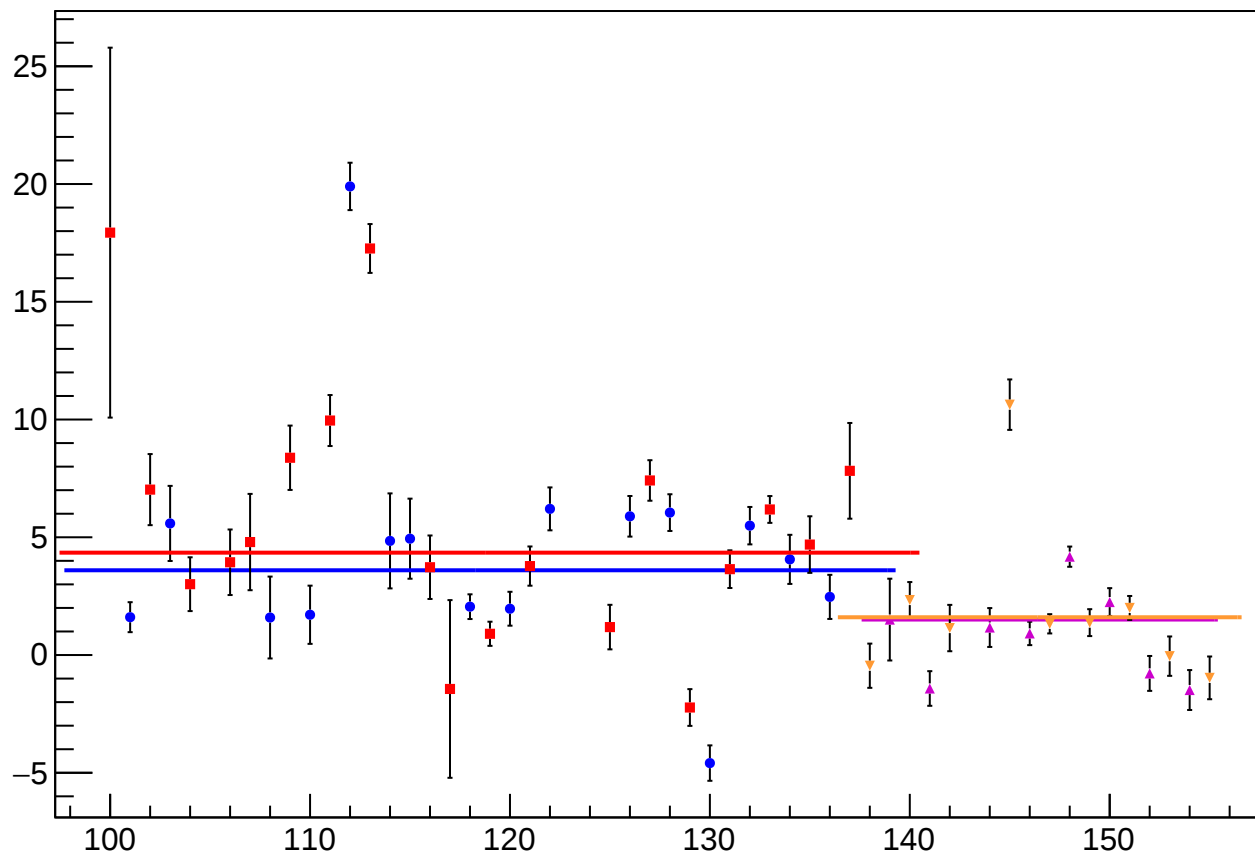
-41.821+/-0.343 χ^2/NDF : 559.6/8

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

-40.801+/-0.345 χ^2/NDF : 323.0/7

Left In: -40.801+/-0.345 χ^2/NDF : 323.0/7

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.599 $\pm$ 0.220 χ^2/NDF : 443.4/15

Left Out: 1.604 $\pm$ 0.222 χ^2/NDF : 90.1/8

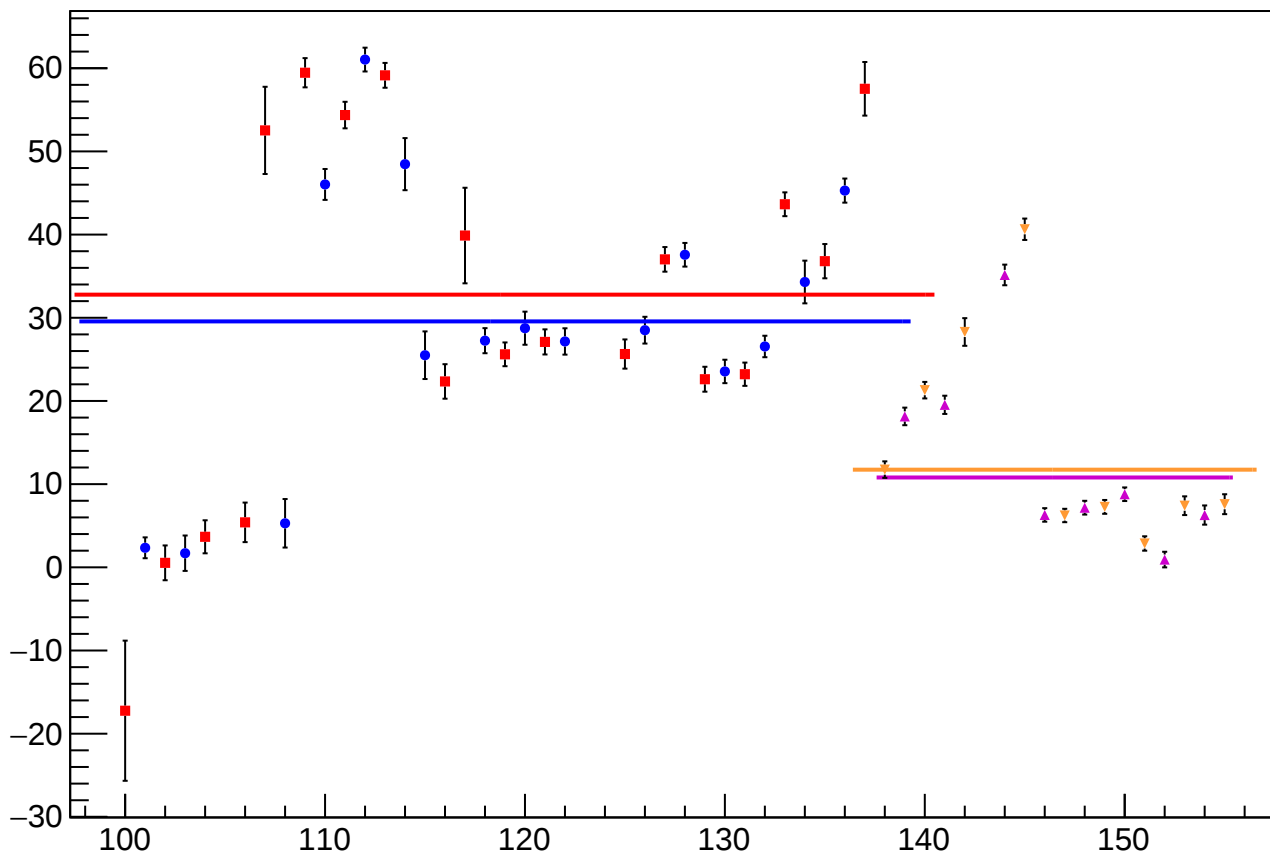
Right Out: 4.347 $\pm$ 0.224 χ^2/NDF : 355.4/18

Left In: 1.507 $\pm$ 0.228 χ^2/NDF : 79.7/7

2.608 $\pm$ 0.156 χ^2/NDF : 574.3/24

2.950 $\pm$ 0.160 χ^2/NDF : 513.9/26

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.564+/-0.420 χ^2/NDF : 1494.6/15

Left Out: 11.739+/-0.337 χ^2/NDF : 904.2/8

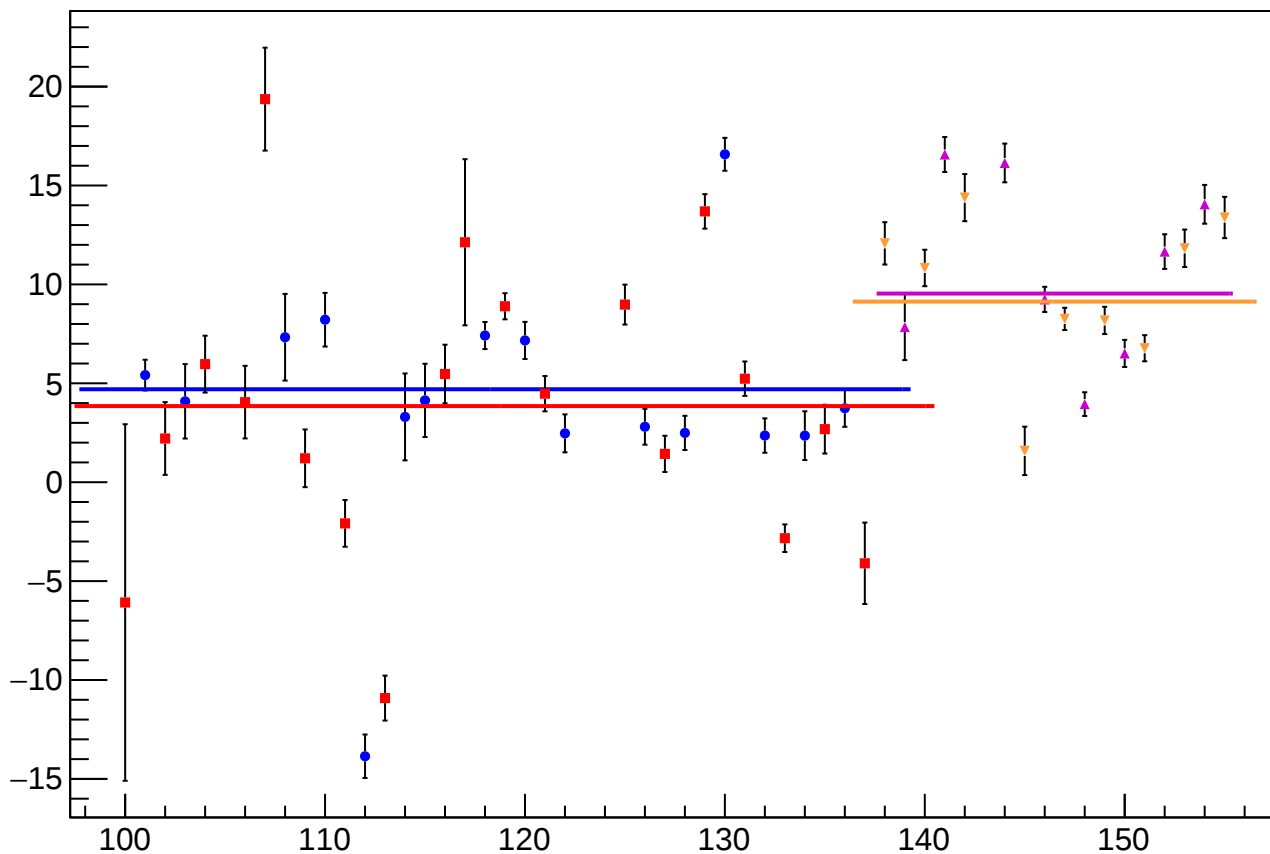
Right Out: 32.780+/-0.422 χ^2/NDF : 1664.8/18

Left In: 10.800+/-0.339 χ^2/NDF : 678.5/7

18.730+/-0.263 χ^2/NDF : 3496.0/24

19.417+/-0.264 χ^2/NDF : 3995.7/26

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.699 ± 0.254 $\chi^2/\text{NDF}: 548.9/15$

Left Out: 9.130 ± 0.277 $\chi^2/\text{NDF}: 110.1/8$

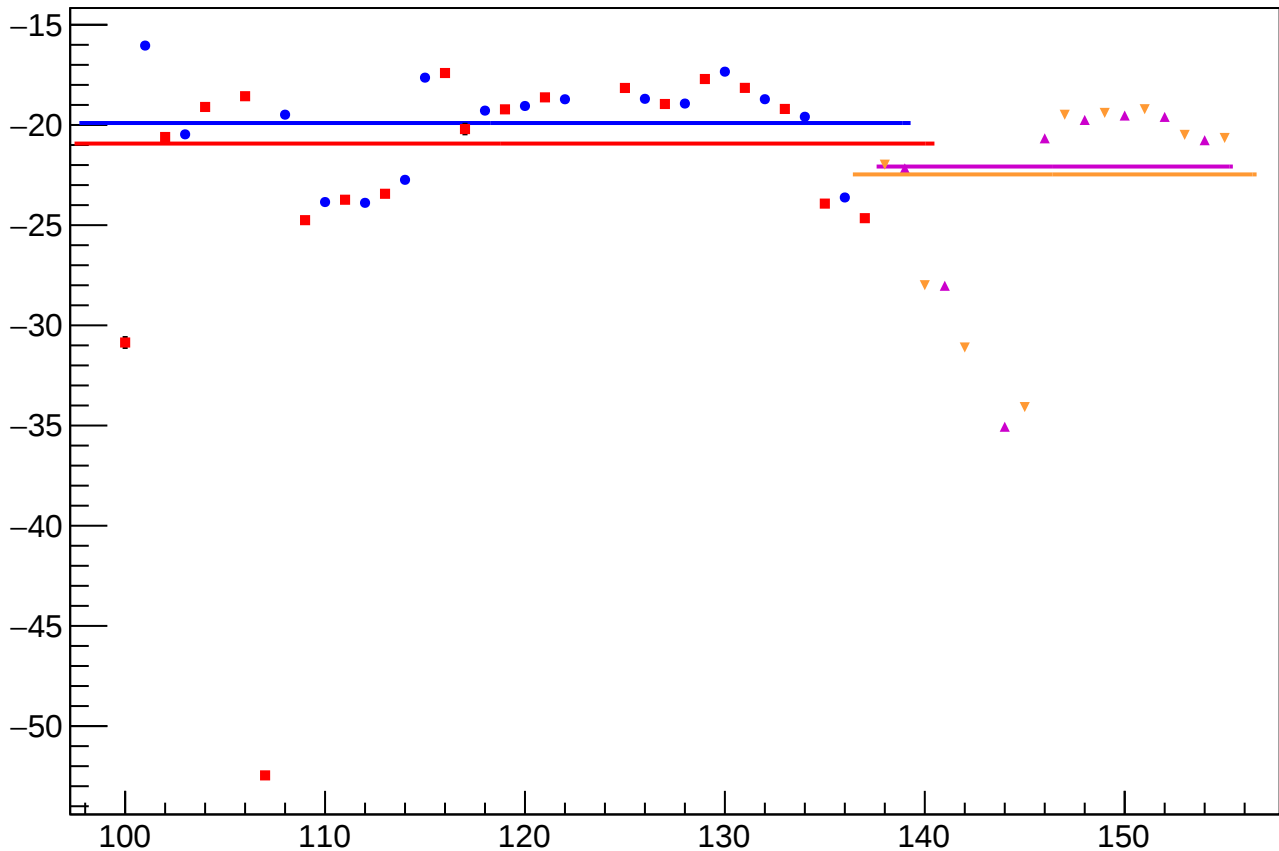
Right Out: 3.848 ± 0.258 $\chi^2/\text{NDF}: 571.5/18$

Left In: 9.537 ± 0.284 $\chi^2/\text{NDF}: 243.4/7$

6.720 ± 0.187 $\chi^2/\text{NDF}: 797.9/24$

6.421 ± 0.191 $\chi^2/\text{NDF}: 1034.8/26$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.902 ± 0.016 $\chi^2/\text{NDF}: 26054.0/15$

Left Out: -22.468 ± 0.014 $\chi^2/\text{NDF}: 110414.1/8$

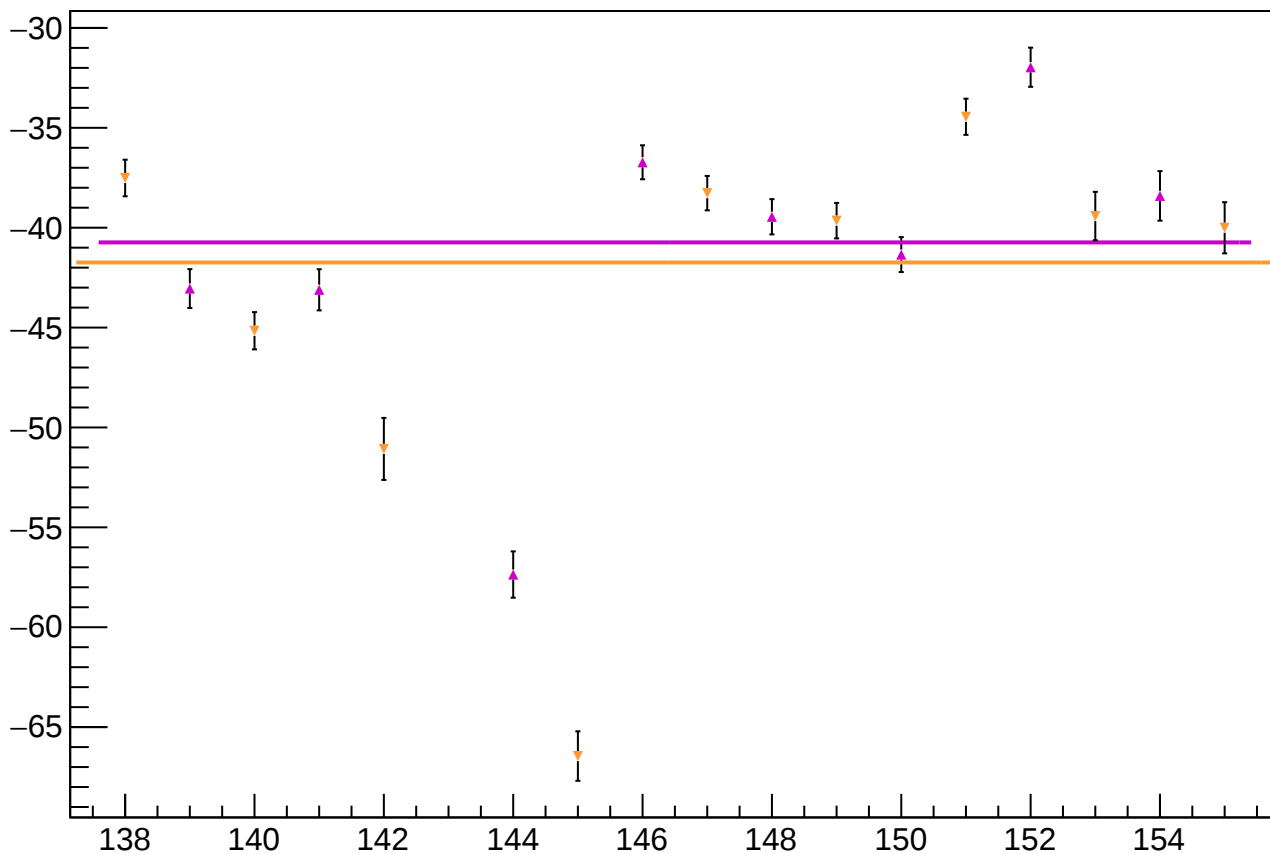
Right Out: -20.928 ± 0.016 $\chi^2/\text{NDF}: 94015.9/18$

Left In: -22.074 ± 0.014 $\chi^2/\text{NDF}: 91331.3/7$

-21.336 ± 0.010 $\chi^2/\text{NDF}: 151486.8/24$

-21.573 ± 0.010 $\chi^2/\text{NDF}: 188348.0/26$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -41.740+/-0.342 χ^2/NDF : 561.0/8

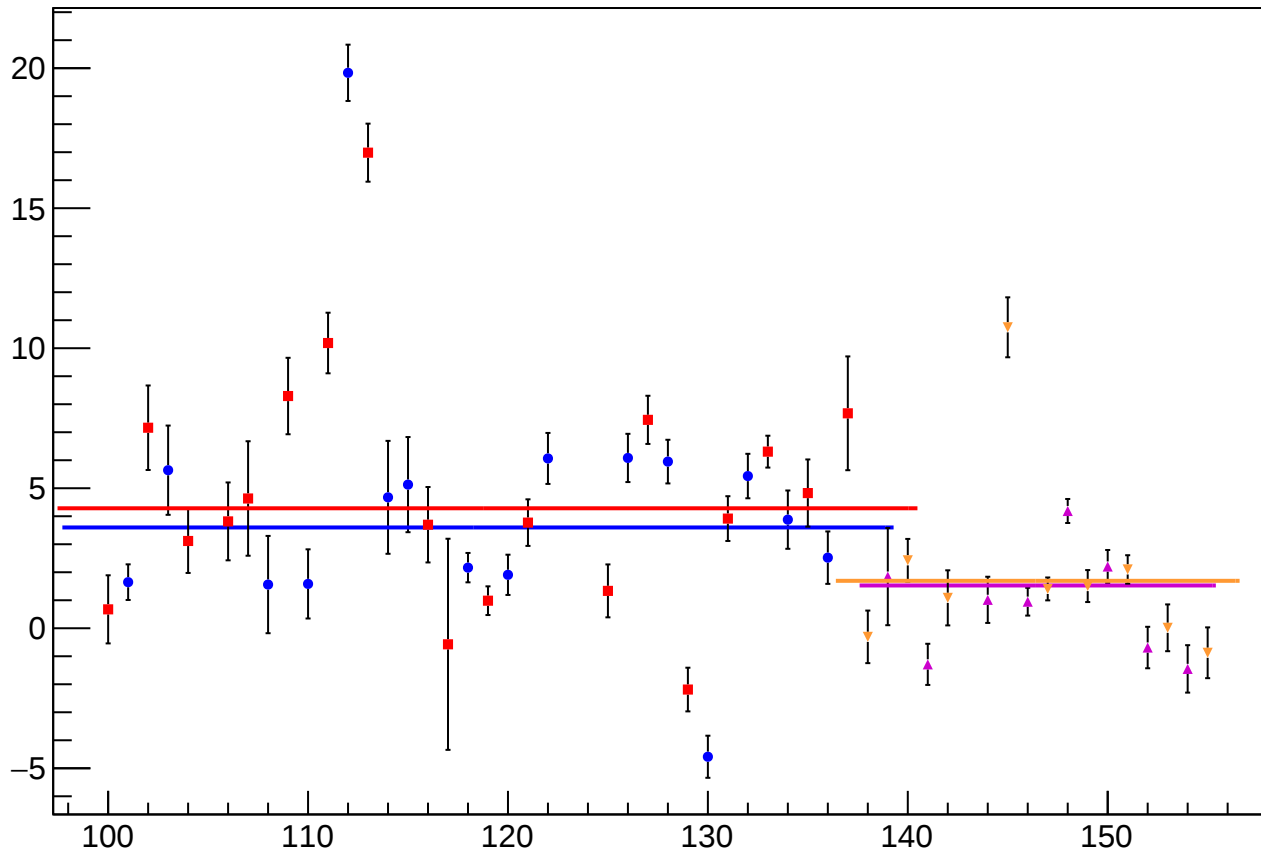
-41.740+/-0.342 χ^2/NDF : 561.0/8

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

-40.736+/-0.345 χ^2/NDF : 324.9/7

Left In: -40.736+/-0.345 χ^2/NDF : 324.9/7

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 χ^2/NDF : 440.3/15

Left Out: 1.694 ± 0.222 χ^2/NDF : 90.7/8

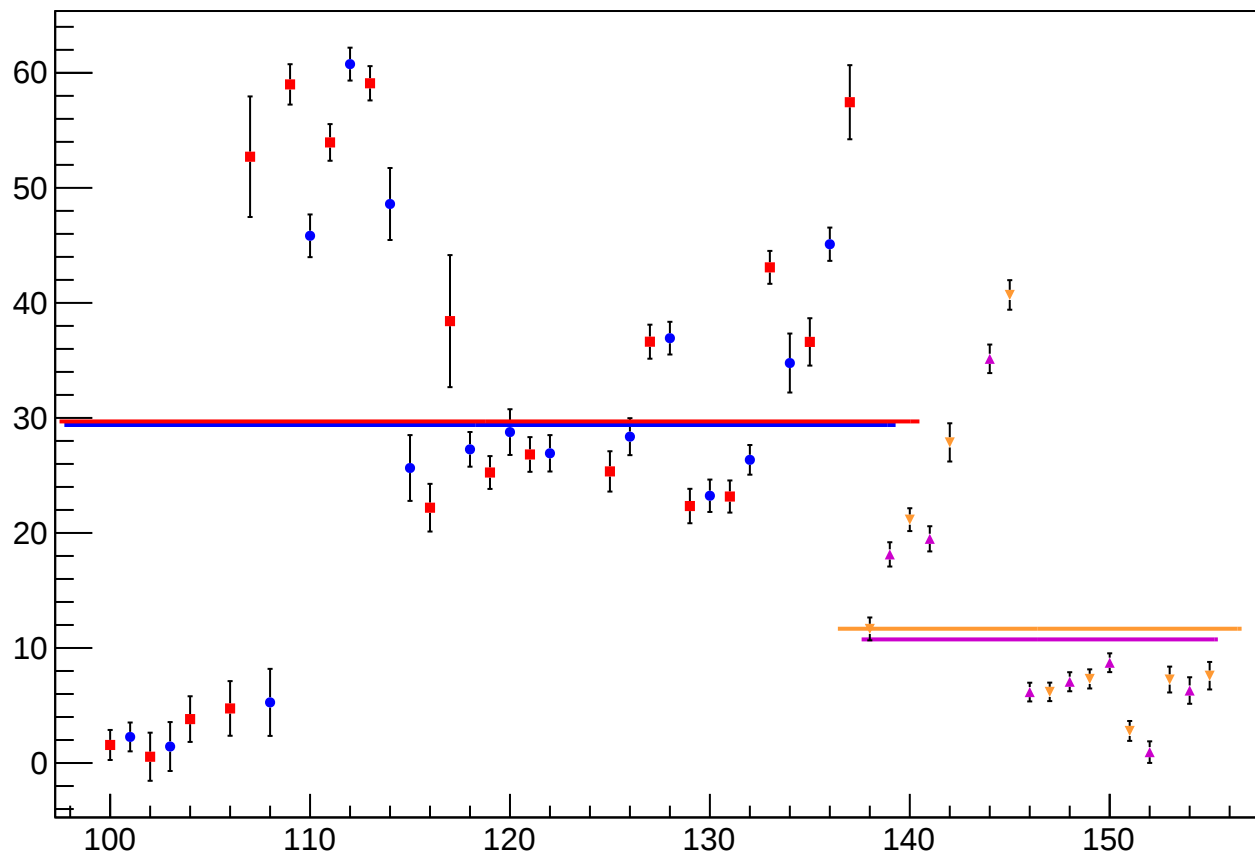
Right Out: 4.284 ± 0.221 χ^2/NDF : 353.8/18

Left In: 1.528 ± 0.228 χ^2/NDF : 77.6/7

2.653 ± 0.156 χ^2/NDF : 568.1/24

2.951 ± 0.159 χ^2/NDF : 506.9/26

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.387 $\pm$ 0.419 χ^2/NDF : 1488.6/15

Left Out: 11.674 $\pm$ 0.337 χ^2/NDF : 902.6/8

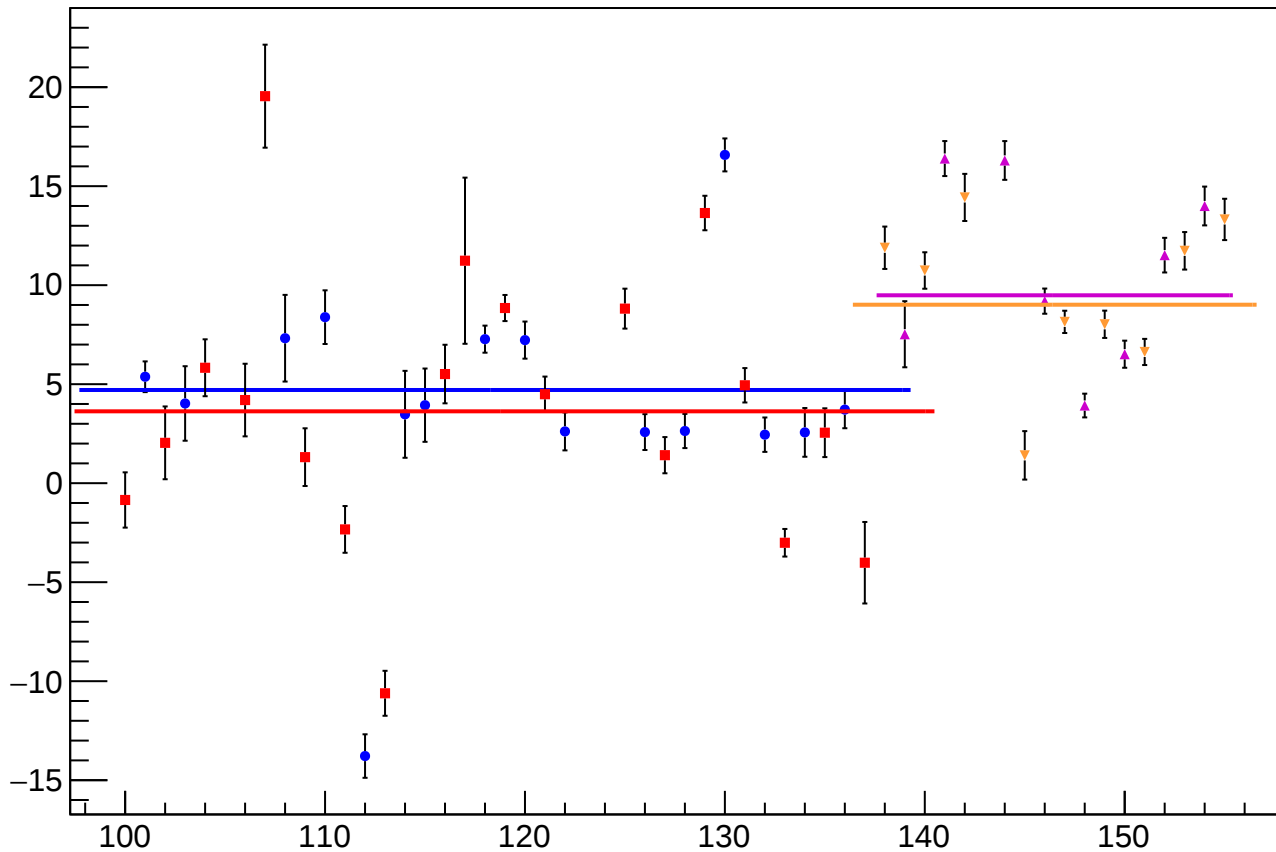
Right Out: 29.695 $\pm$ 0.401 χ^2/NDF : 2133.3/18

Left In: 10.745 $\pm$ 0.338 χ^2/NDF : 681.2/7

18.621 $\pm$ 0.263 χ^2/NDF : 3476.2/24

18.617 $\pm$ 0.259 χ^2/NDF : 4117.6/26

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.706 ± 0.254 χ^2/NDF : 545.2/15

Left Out: 9.013 ± 0.277 χ^2/NDF : 112.9/8

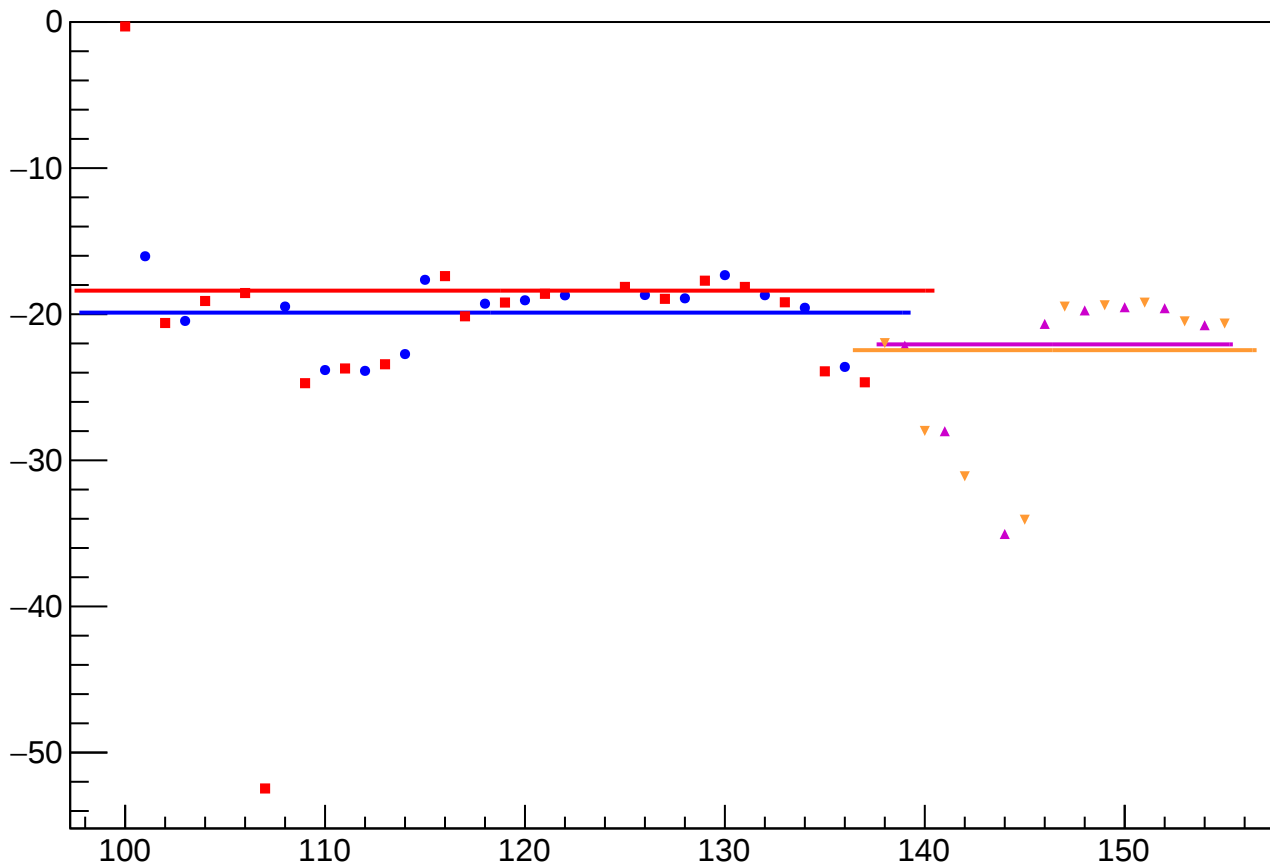
Right Out: 3.629 ± 0.254 χ^2/NDF : 576.7/18

Left In: 9.489 ± 0.284 χ^2/NDF : 242.8/7

6.671 ± 0.187 χ^2/NDF : 789.4/24

6.232 ± 0.189 χ^2/NDF : 1056.7/26

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.890 +/- 0.016 χ^2/NDF : 26044.4/15

Left Out: -22.459 +/- 0.014 χ^2/NDF : 110478.9/8

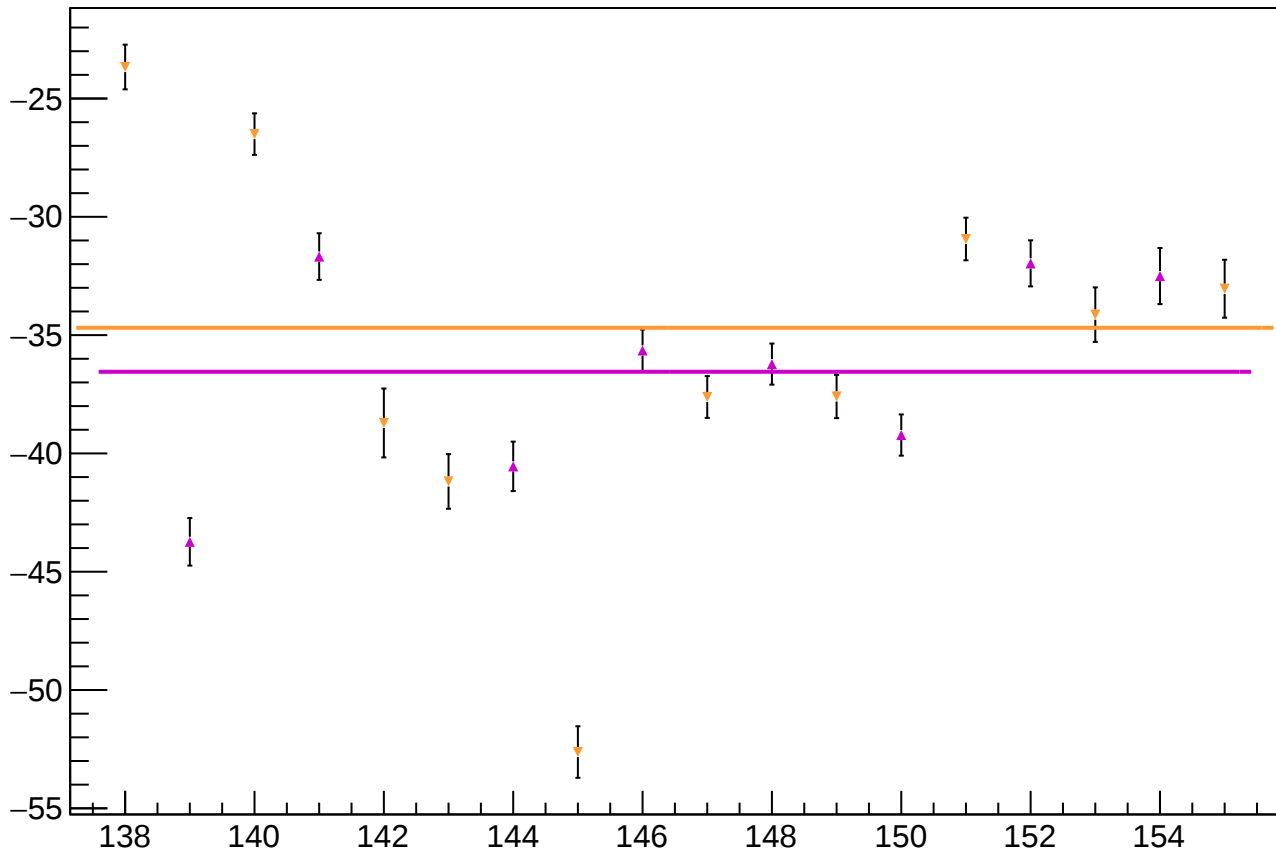
Right Out: -18.386 +/- 0.015 χ^2/NDF : 301044.3/18

Left In: -22.063 +/- 0.014 χ^2/NDF : 91284.9/7

-21.326 +/- 0.010 χ^2/NDF : 151605.2/24

-20.339 +/- 0.010 χ^2/NDF : 425459.4/26

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.690+/-0.322 χ^2/NDF : 573.9/9

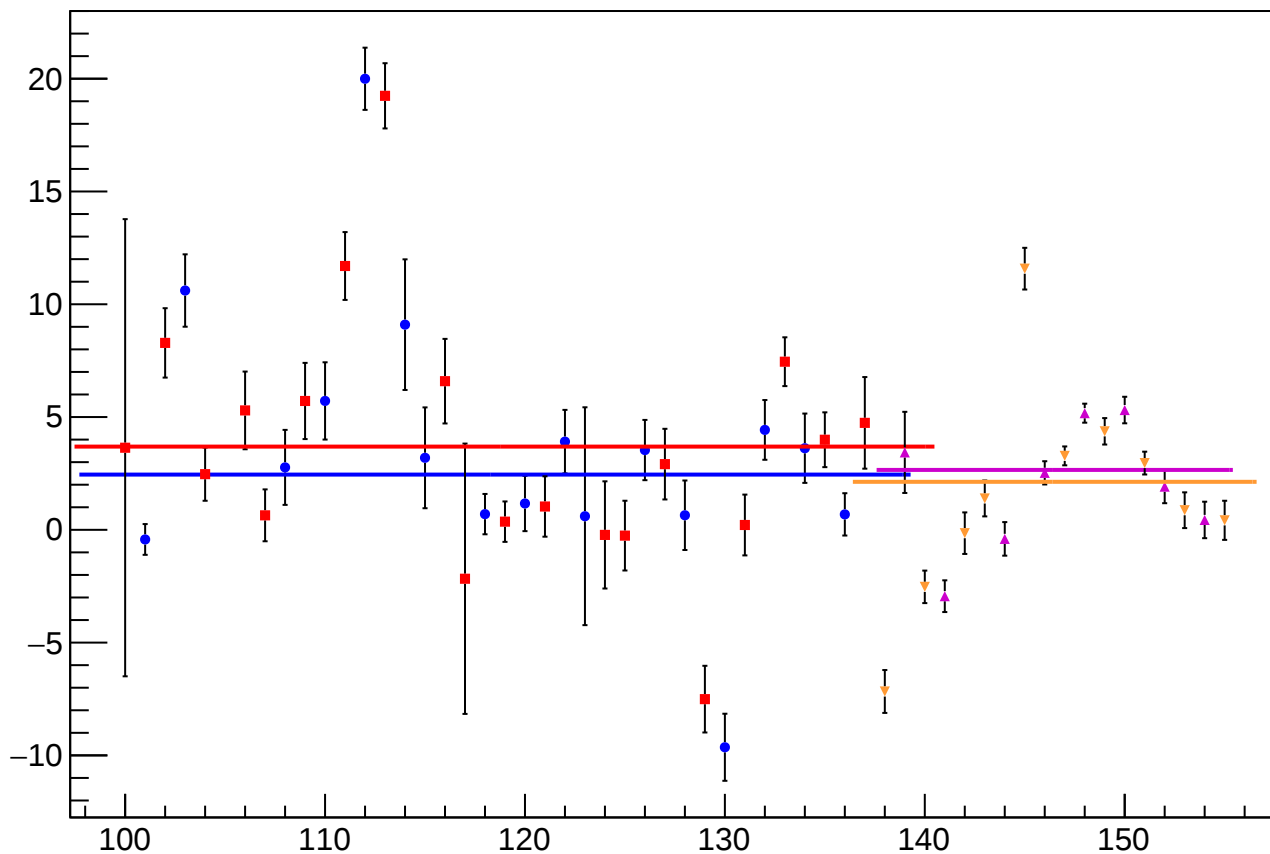
-34.690+/-0.322 χ^2/NDF : 573.9/9

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

Left In: -36.549+/-0.340 χ^2/NDF : 134.7/7

-36.549+/-0.340 χ^2/NDF : 134.7/7

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.449+/-0.314 χ^2/NDF : 295.3/16

Left Out: 2.128+/-0.211 χ^2/NDF : 280.1/9

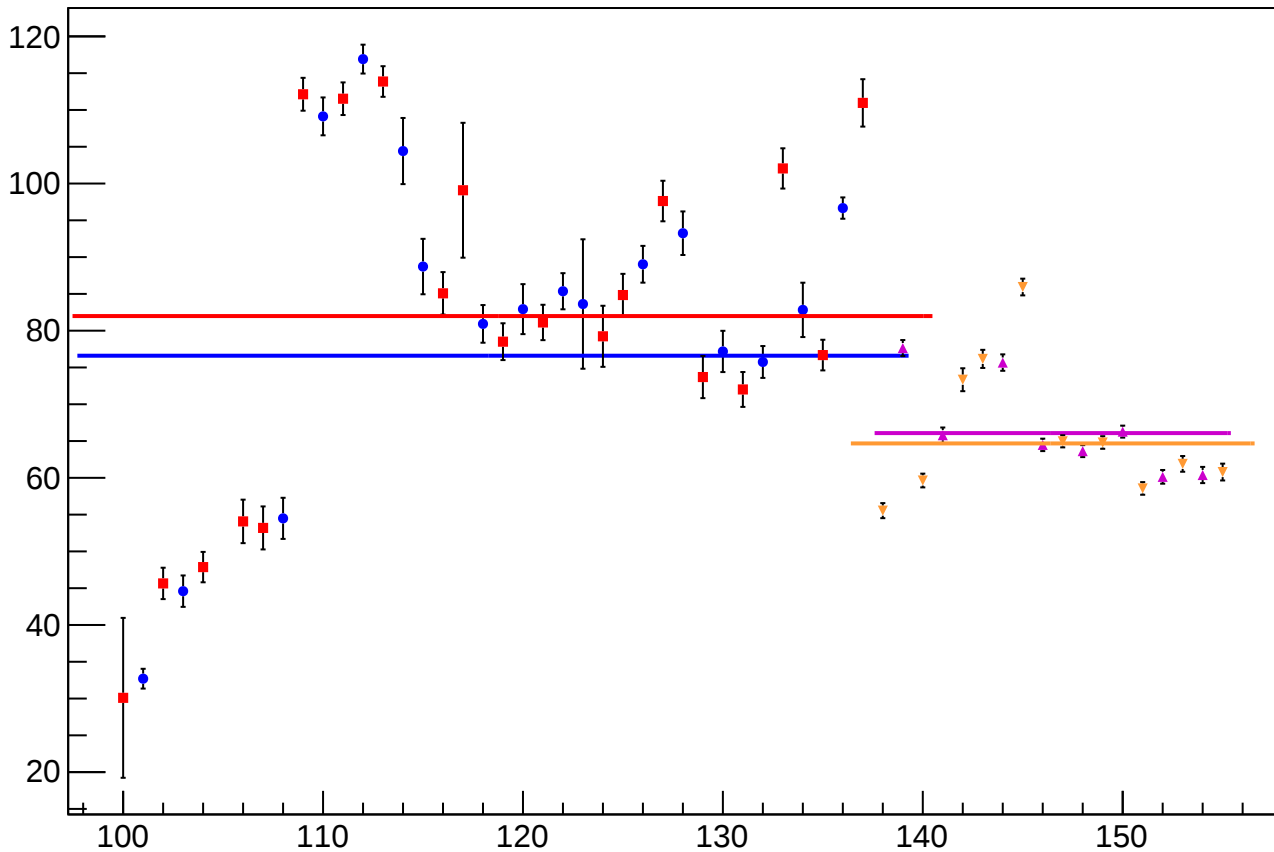
Right Out: 3.690+/-0.326 χ^2/NDF : 270.4/19

Left In: 2.656+/-0.225 χ^2/NDF : 145.1/7

2.228+/-0.175 χ^2/NDF : 576.2/26

2.989+/-0.185 χ^2/NDF : 422.2/27

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.598 $\pm$ 0.576 χ^2 /NDF: 2255.1/16

Left Out: 64.676 $\pm$ 0.320 χ^2 /NDF: 644.9/9

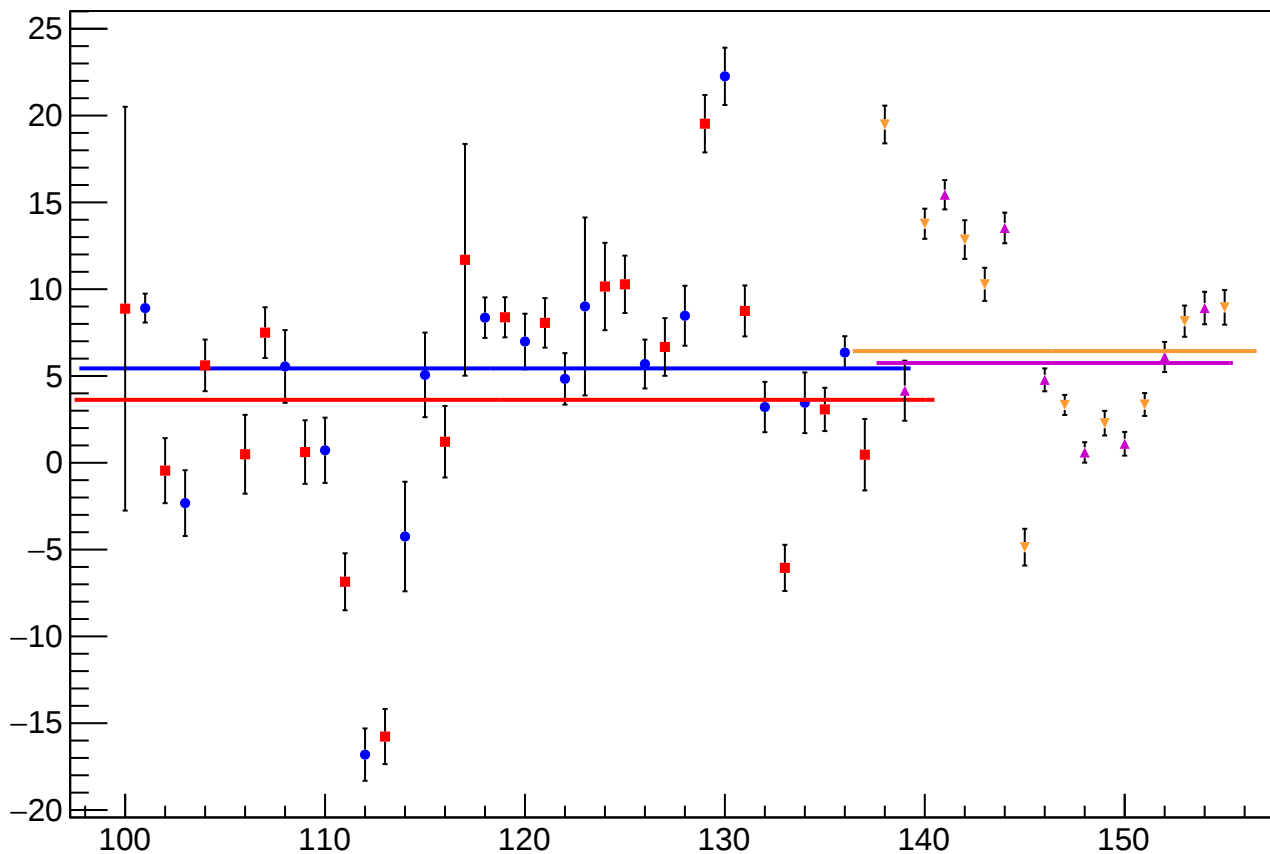
Right Out: 81.987 $\pm$ 0.591 χ^2 /NDF: 1574.2/19

Left In: 66.080 $\pm$ 0.334 χ^2 /NDF: 266.5/7

67.485 $\pm$ 0.280 χ^2 /NDF: 3227.5/26

69.939 $\pm$ 0.291 χ^2 /NDF: 2389.8/27

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.436 ± 0.360 χ^2/NDF : 387.2/16

Left Out: 6.434 ± 0.262 χ^2/NDF : 473.6/9

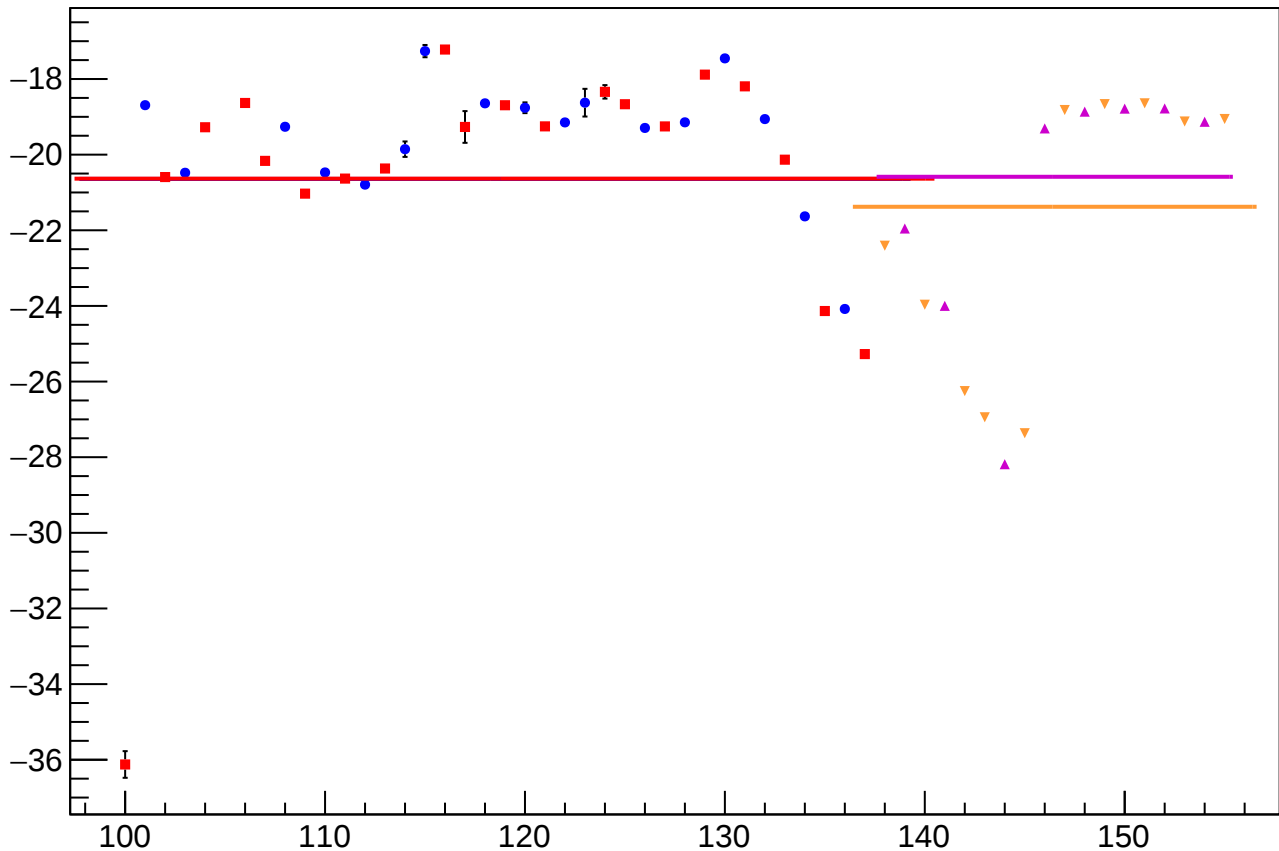
Right Out: 3.628 ± 0.374 χ^2/NDF : 424.8/19

Left In: 5.749 ± 0.279 χ^2/NDF : 346.6/7

6.088 ± 0.212 χ^2/NDF : 865.9/26

4.991 ± 0.224 χ^2/NDF : 791.9/27

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.642 ± 0.019 $\chi^2/\text{NDF}: 12431.5/16$

Left Out: -21.378 ± 0.013 $\chi^2/\text{NDF}: 63172.1/9$

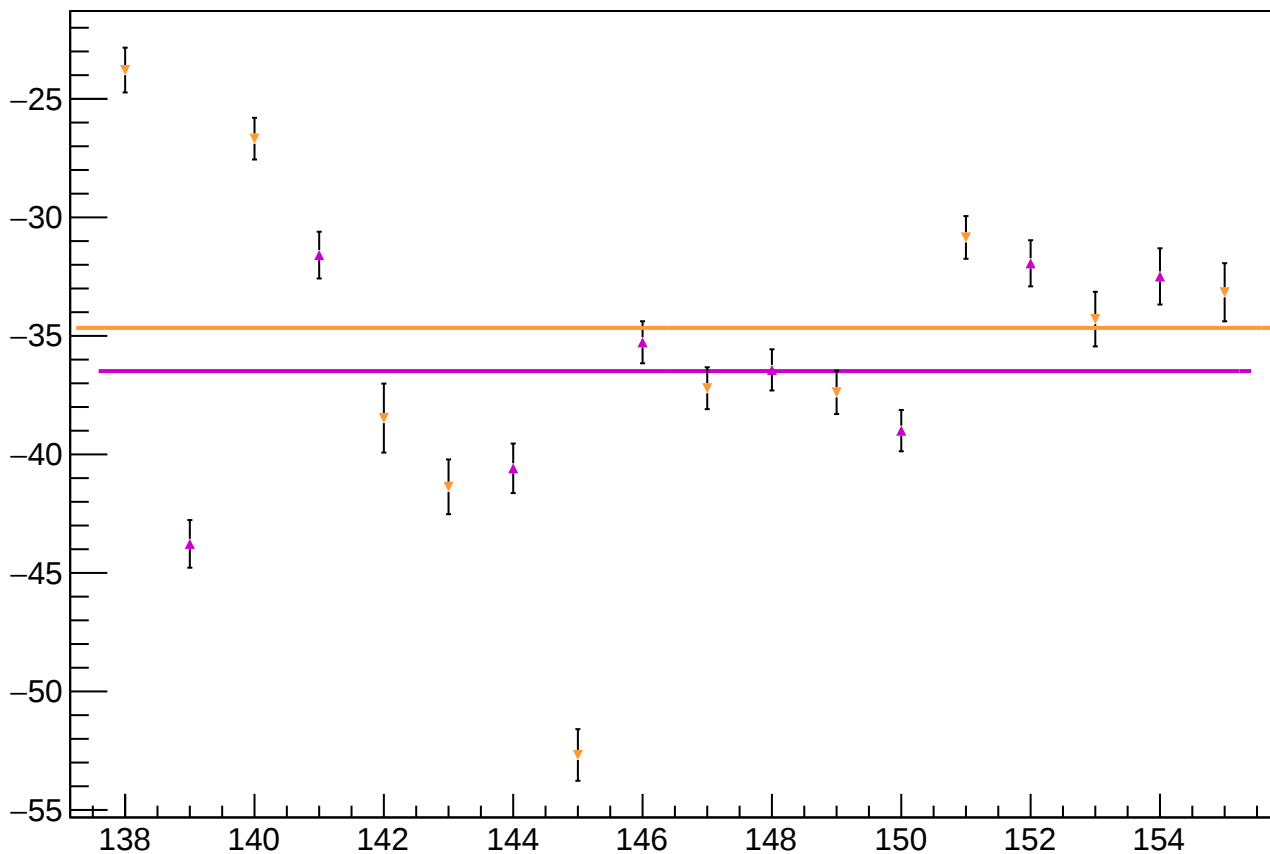
Right Out: -20.635 ± 0.019 $\chi^2/\text{NDF}: 13794.0/19$

Left In: -20.585 ± 0.014 $\chi^2/\text{NDF}: 41905.1/7$

-21.146 ± 0.011 $\chi^2/\text{NDF}: 76596.3/26$

-20.602 ± 0.011 $\chi^2/\text{NDF}: 55703.6/27$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.663+/-0.323 χ^2/NDF : 565.6/9

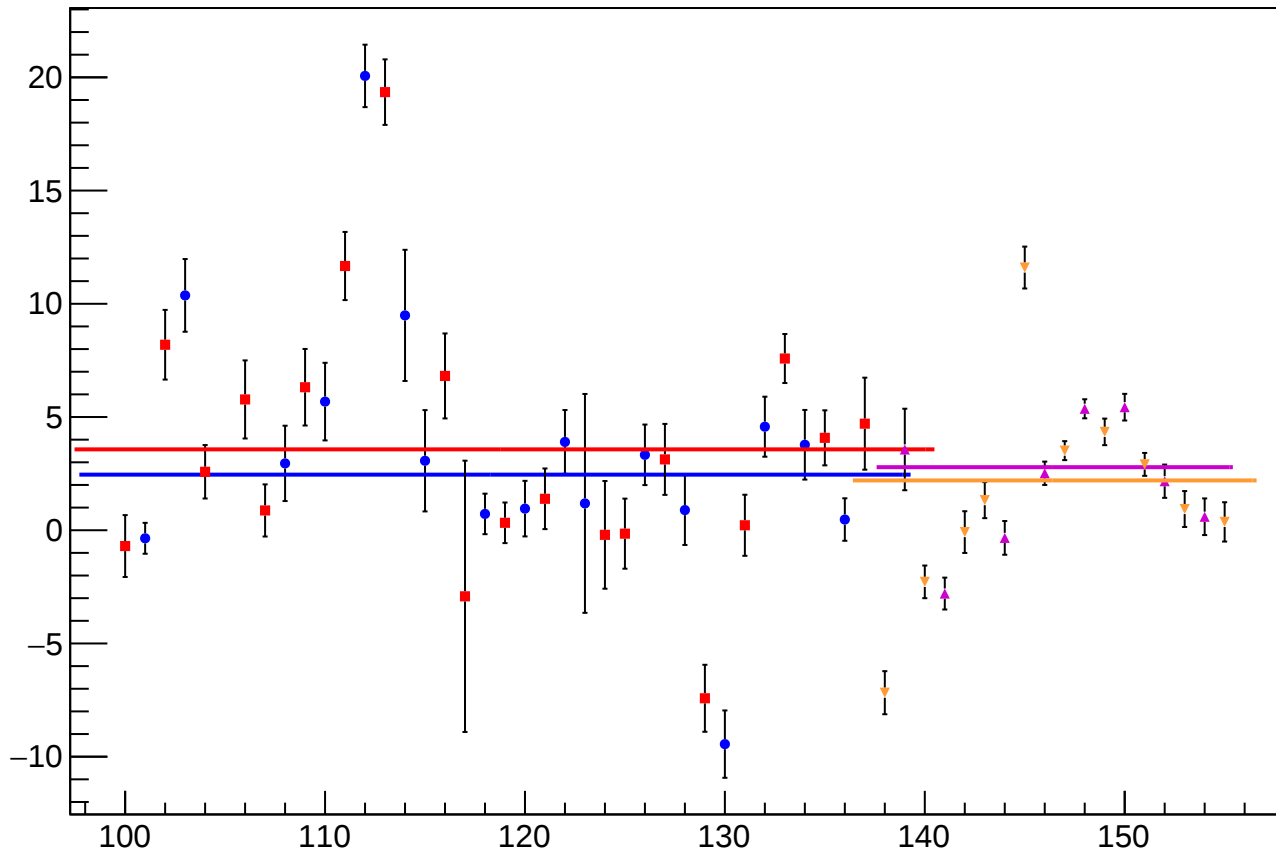
-34.663+/-0.323 χ^2/NDF : 565.6/9

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

-36.484+/-0.341 χ^2/NDF : 136.0/7

Left In: -36.484+/-0.341 χ^2/NDF : 136.0/7

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.455 ± 0.315 χ^2/NDF : 293.5/16

Left Out: 2.200 ± 0.211 χ^2/NDF : 278.6/9

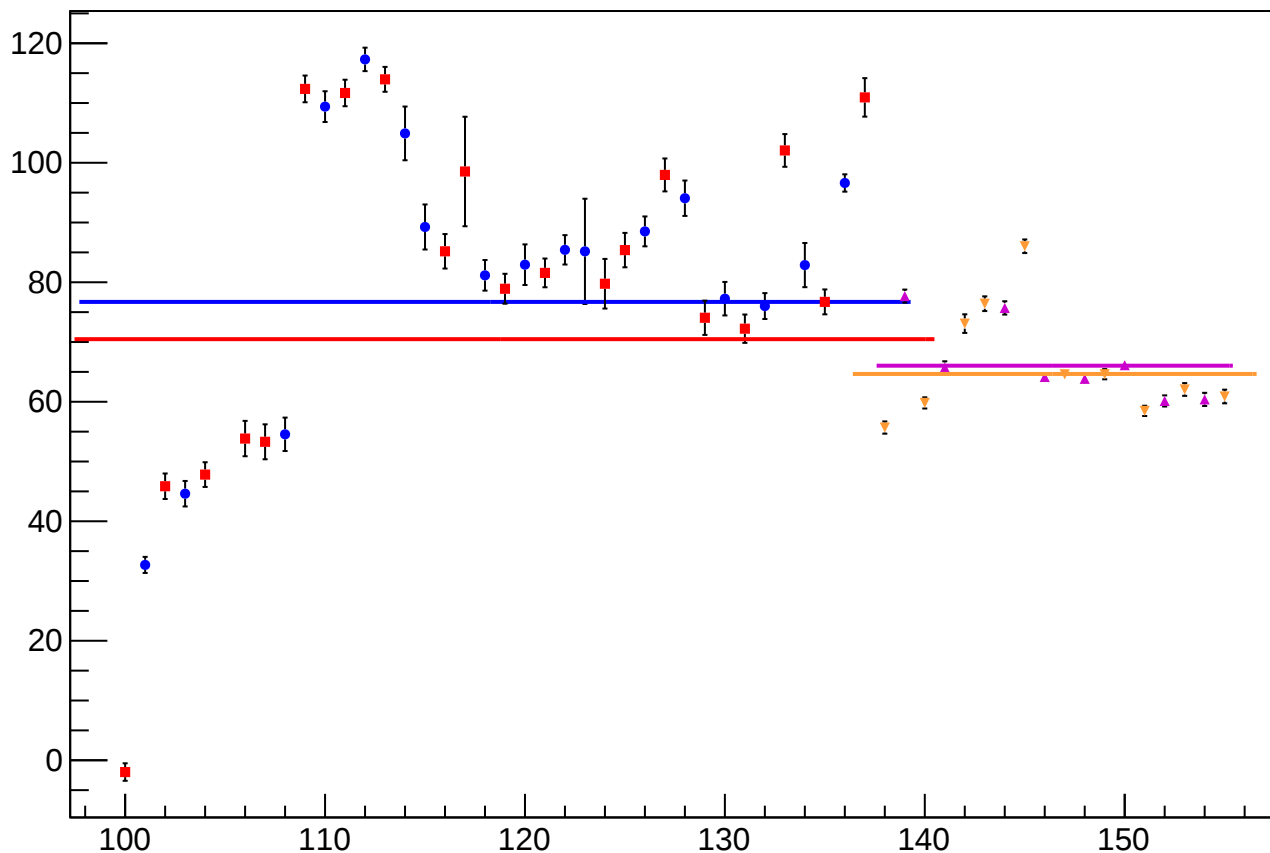
Right Out: 3.571 ± 0.317 χ^2/NDF : 281.0/19

Left In: 2.785 ± 0.225 χ^2/NDF : 146.7/7

2.280 ± 0.175 χ^2/NDF : 572.5/26

3.048 ± 0.183 χ^2/NDF : 431.8/27

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.713+/-0.576 χ^2/NDF : 2266.6/16

Left Out: 64.654+/-0.320 χ^2/NDF : 644.7/9

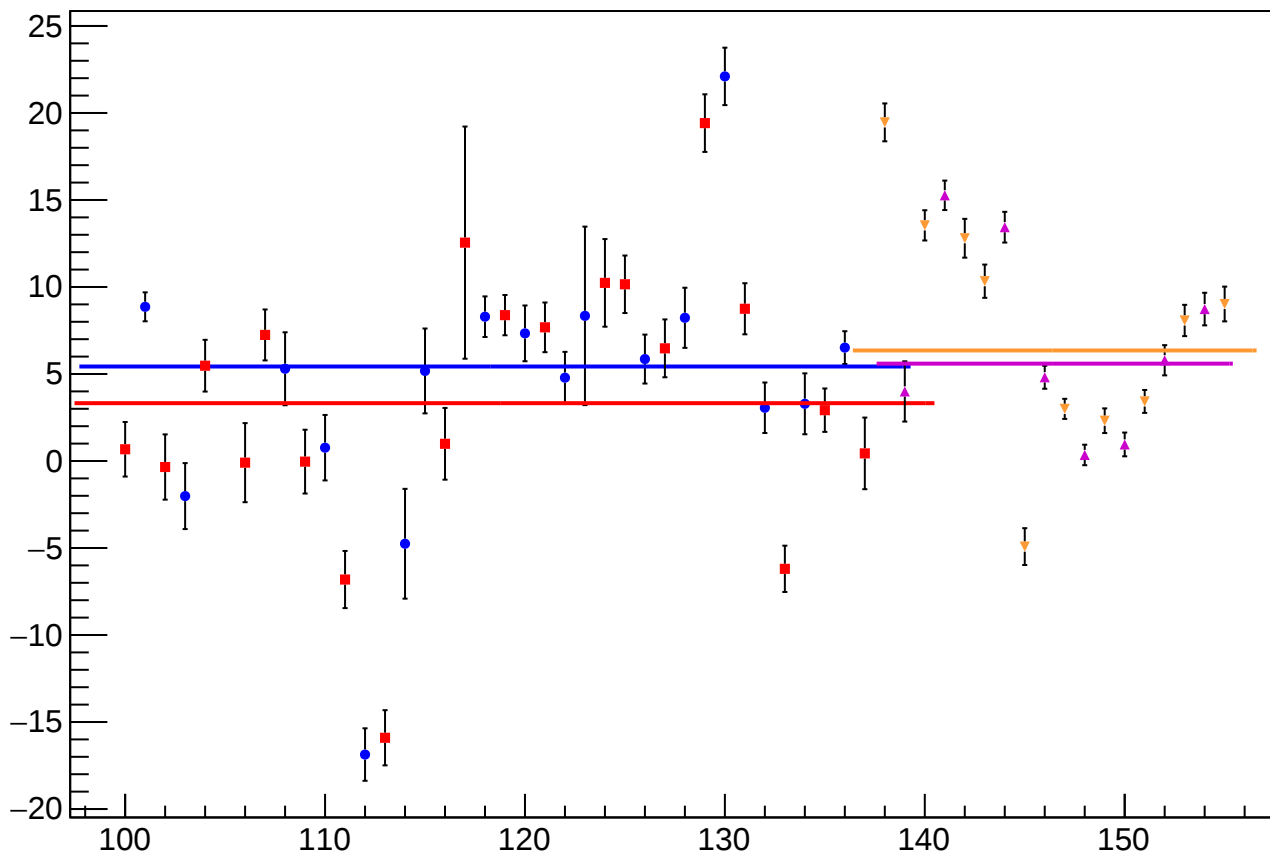
Right Out: 70.477+/-0.549 χ^2/NDF : 4400.1/19

Left In: 66.040+/-0.335 χ^2/NDF : 267.7/7

67.496+/-0.280 χ^2/NDF : 3245.9/26

67.242+/-0.286 χ^2/NDF : 4715.5/27

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.430 $\pm$ 0.361 χ^2 /NDF: 385.9/16

Left Out: 6.353 $\pm$ 0.263 χ^2 /NDF: 474.2/9

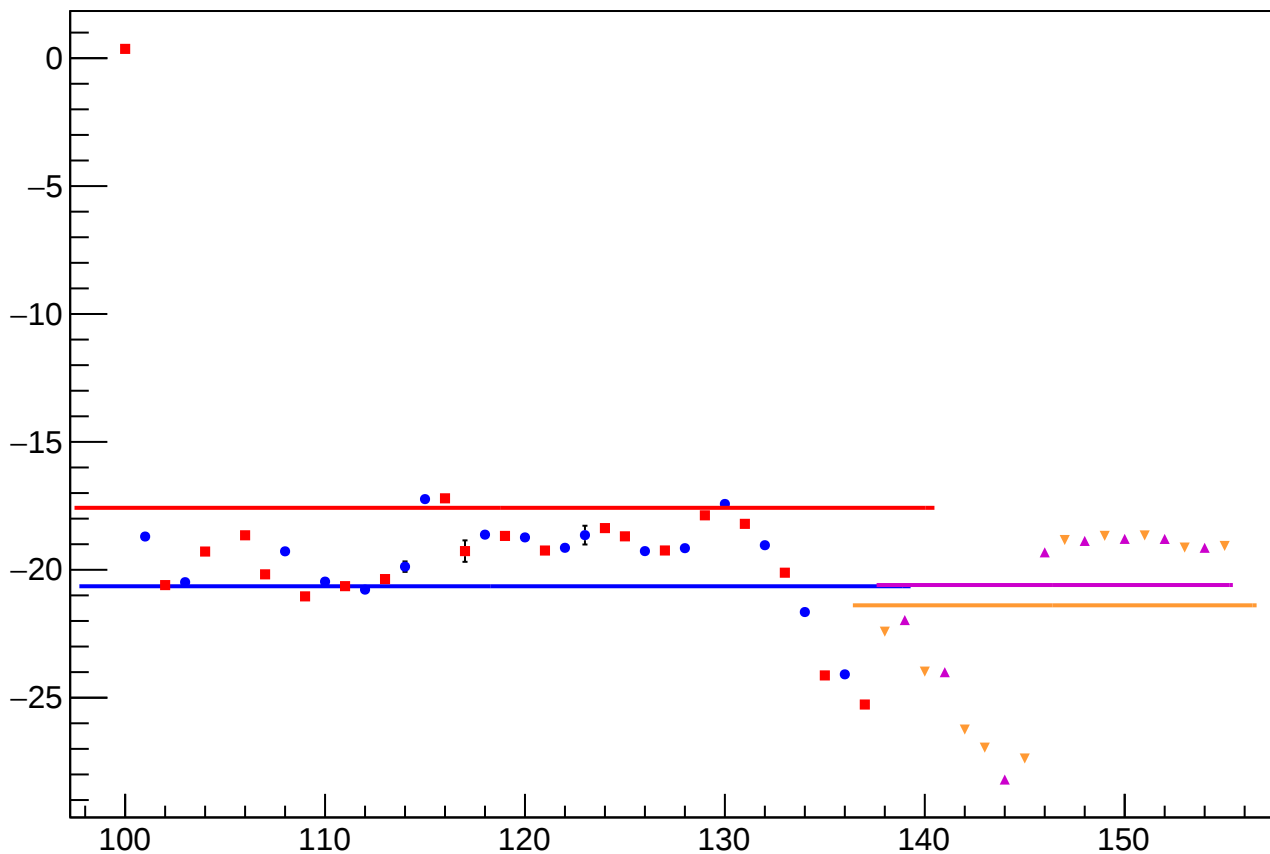
Right Out: 3.323 $\pm$ 0.365 χ^2 /NDF: 428.0/19

Left In: 5.595 $\pm$ 0.280 χ^2 /NDF: 348.5/7

6.033 $\pm$ 0.212 χ^2 /NDF: 864.4/26

4.754 $\pm$ 0.222 χ^2 /NDF: 801.0/27

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.643+/-0.019 χ^2/NDF : 12468.6/16

Left Out: -21.388+/-0.013 χ^2/NDF : 63026.4/9

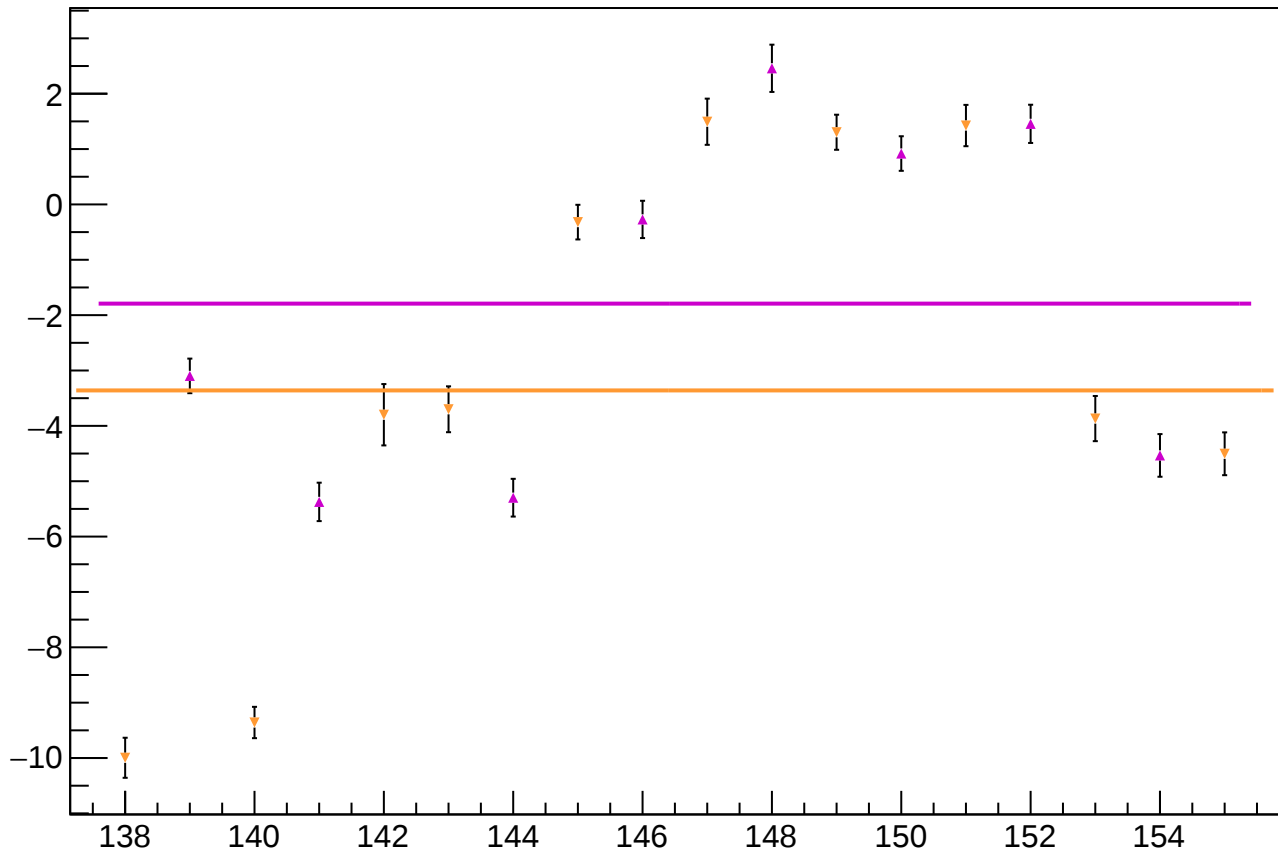
Right Out: -17.577+/-0.018 χ^2/NDF : 178343.3/19

Left In: -20.595+/-0.014 χ^2/NDF : 41859.2/7

-21.153+/-0.011 χ^2/NDF : 76510.2/26

-19.492+/-0.011 χ^2/NDF : 238002.0/27

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -3.360+/-0.115 χ^2/NDF : 1408.4/9

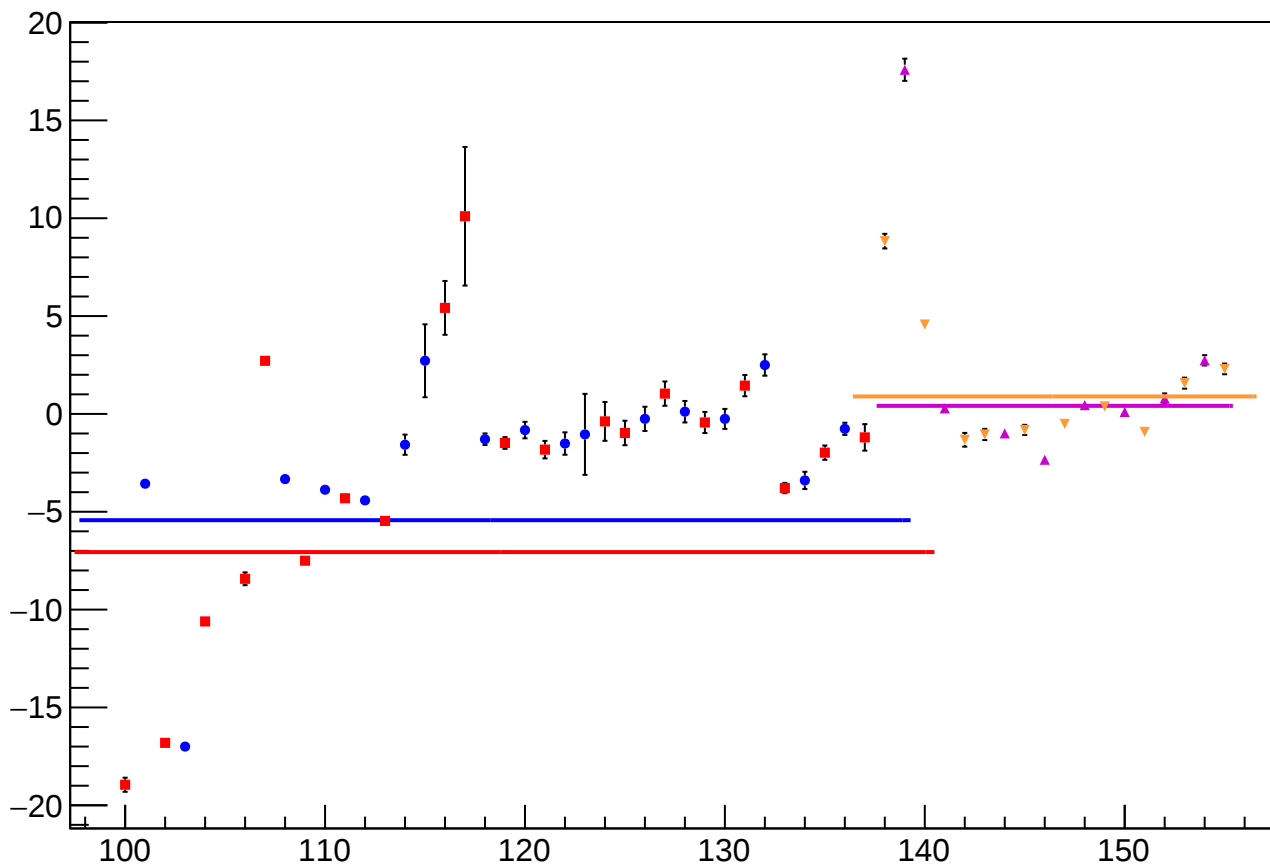
-3.360+/-0.115 χ^2/NDF : 1408.4/9

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

-1.792+/-0.122 χ^2/NDF : 563.8/7

Left In: -1.792+/-0.122 χ^2/NDF : 563.8/7

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.431+/-0.055 χ^2/NDF : 9233.8/16

-3.418+/-0.045 χ^2/NDF : 14439.1/26

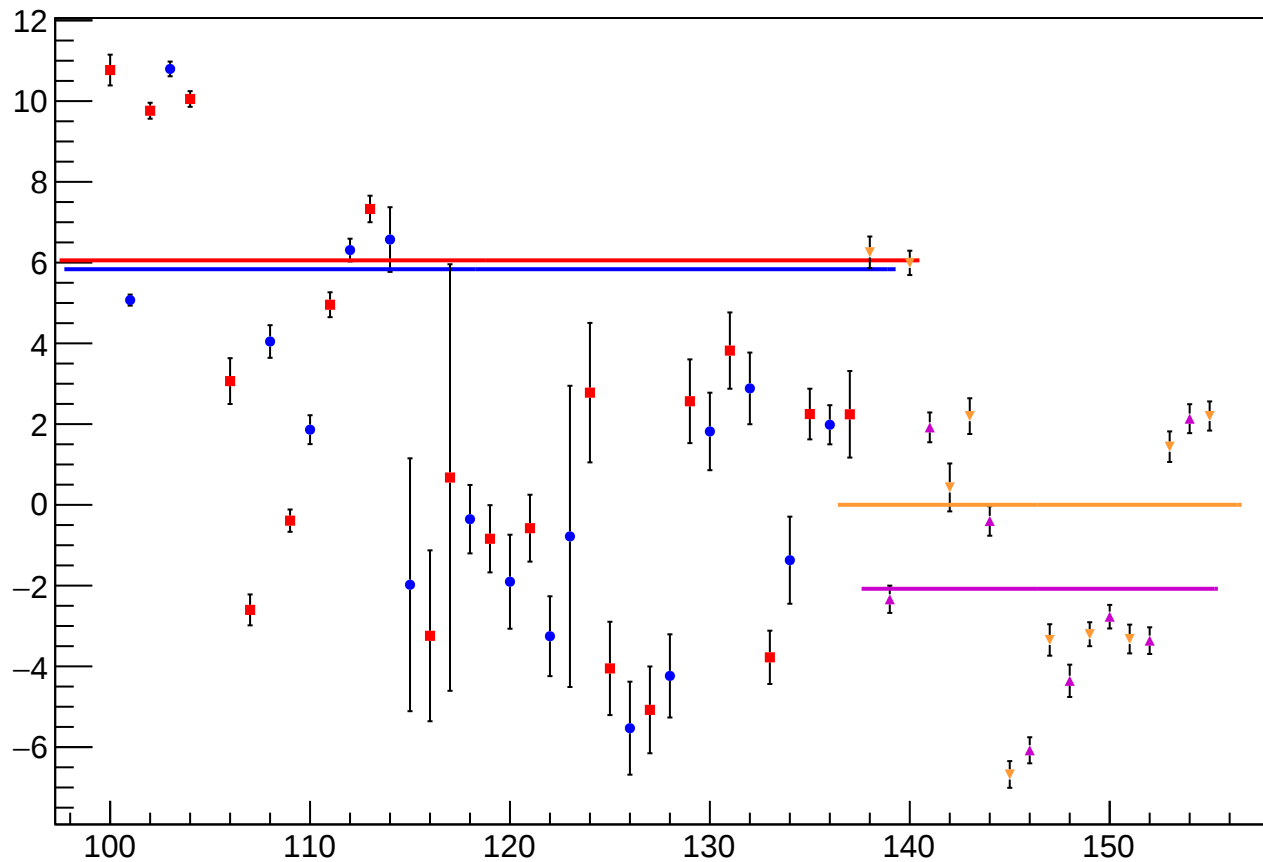
Left Out: 0.892+/-0.080 χ^2/NDF : 976.7/9

Right Out: -7.061+/-0.059 χ^2/NDF : 12330.1/19

-4.710+/-0.049 χ^2/NDF : 18571.9/27

Left In: 0.413+/-0.087 χ^2/NDF : 1198.0/7

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.836 ± 0.090 χ^2/NDF : 1440.9/16

Left Out: 0.001 ± 0.115 χ^2/NDF : 1411.9/9

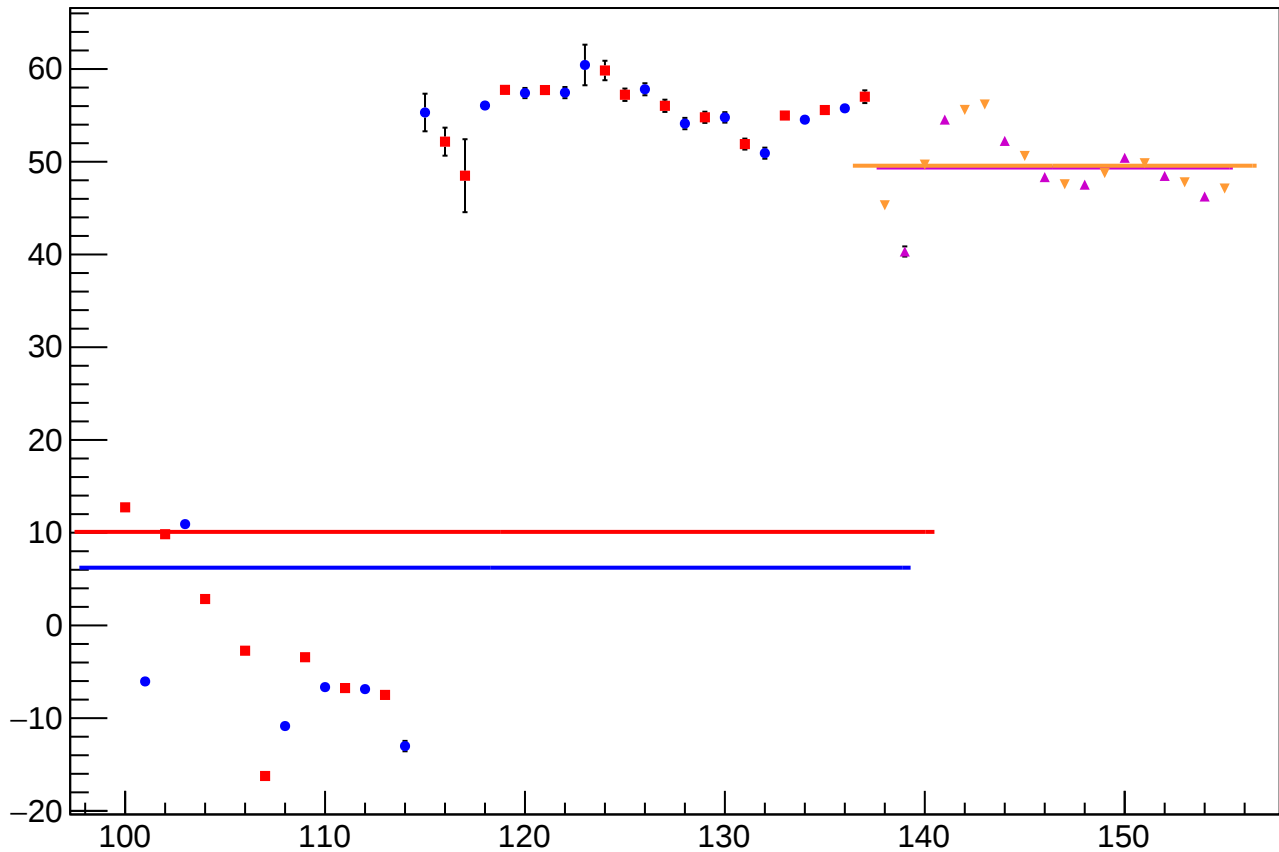
Right Out: 6.056 ± 0.093 χ^2/NDF : 2669.9/19

Left In: -2.078 ± 0.121 χ^2/NDF : 484.0/7

3.639 ± 0.071 χ^2/NDF : 4447.4/26

3.027 ± 0.074 χ^2/NDF : 5982.9/27

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.226 $\pm$ 0.065 χ^2 /NDF: 120955.1/16

Left Out: 49.574 $\pm$ 0.097 χ^2 /NDF: 840.2/9

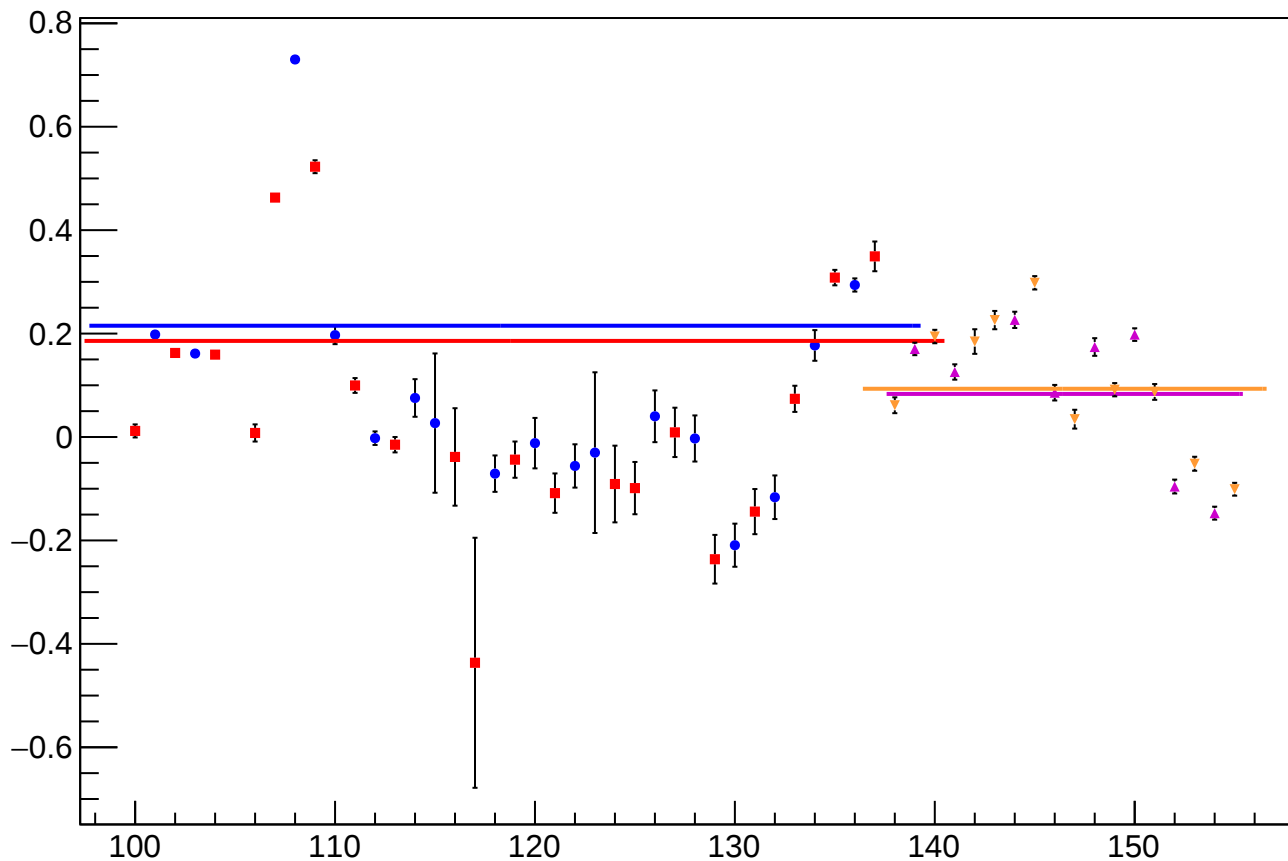
Right Out: 10.087 $\pm$ 0.070 χ^2 /NDF: 122144.7/19

Left In: 49.376 $\pm$ 0.105 χ^2 /NDF: 860.3/7

19.535 $\pm$ 0.054 χ^2 /NDF: 259058.7/26

22.094 $\pm$ 0.058 χ^2 /NDF: 220038.4/27

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: 0.093 $\pm$ 0.005 χ^2 /NDF: 755.4/9

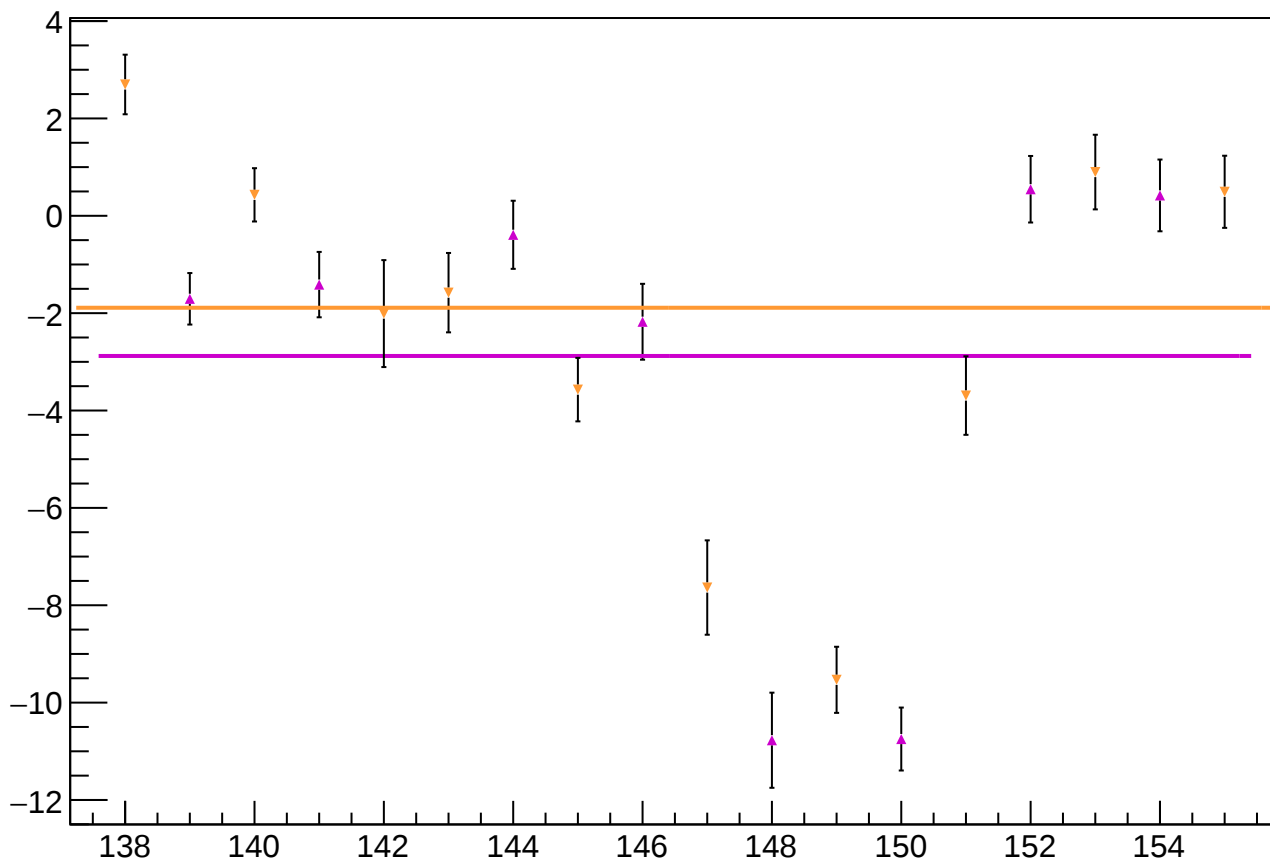
Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2724.7/19

Left In: 0.083 $\pm$ 0.005 χ^2 /NDF: 775.6/7

0.183 $\pm$ 0.002 χ^2 /NDF: 5189.5/26

0.162 $\pm$ 0.002 χ^2 /NDF: 3838.5/27

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -1.889+/-0.230 χ^2/NDF : 271.3/9

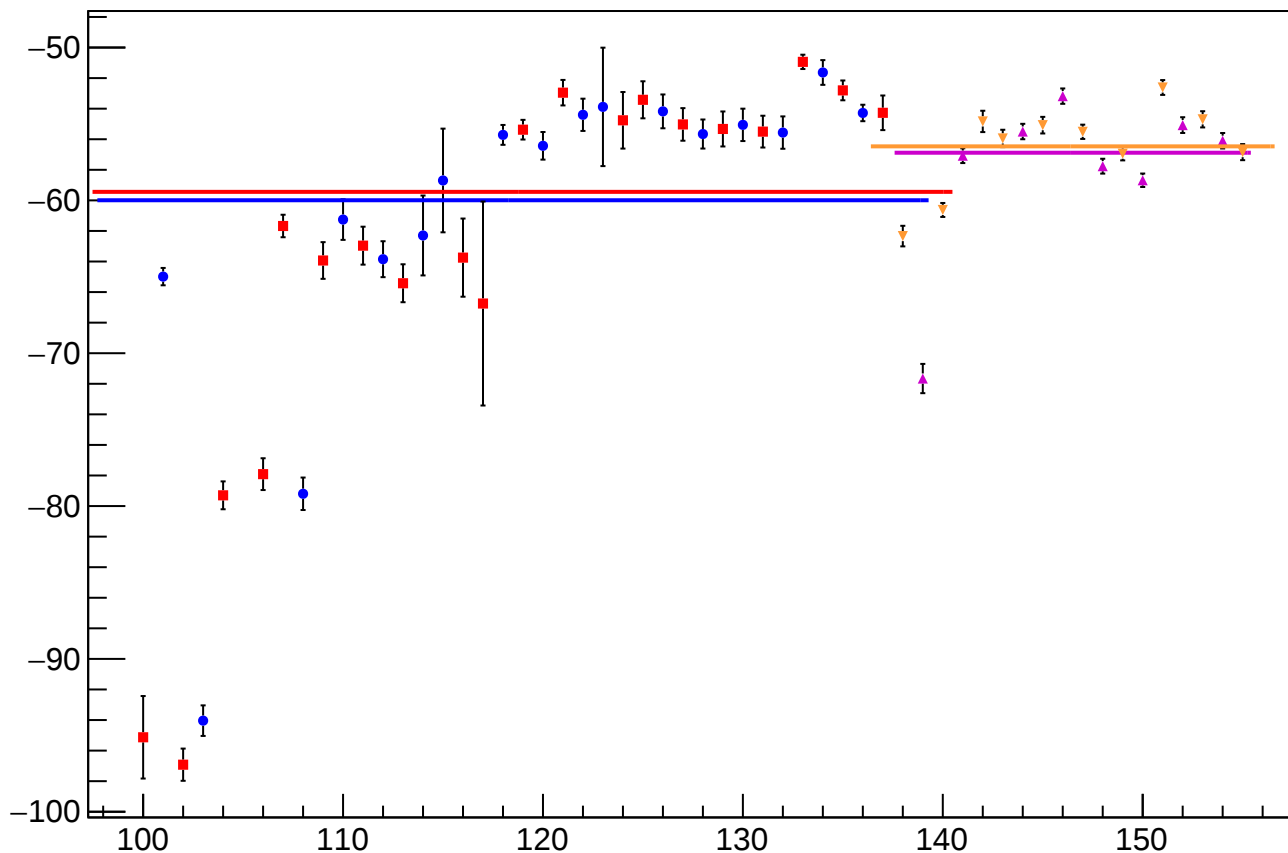
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.879+/-0.243 χ^2/NDF : 281.7/7

-1.889+/-0.230 χ^2/NDF : 271.3/9

-2.879+/-0.243 χ^2/NDF : 281.7/7

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.992 ± 0.225 χ^2/NDF : 1972.9/16

Left Out: -56.466 ± 0.165 χ^2/NDF : 251.6/9

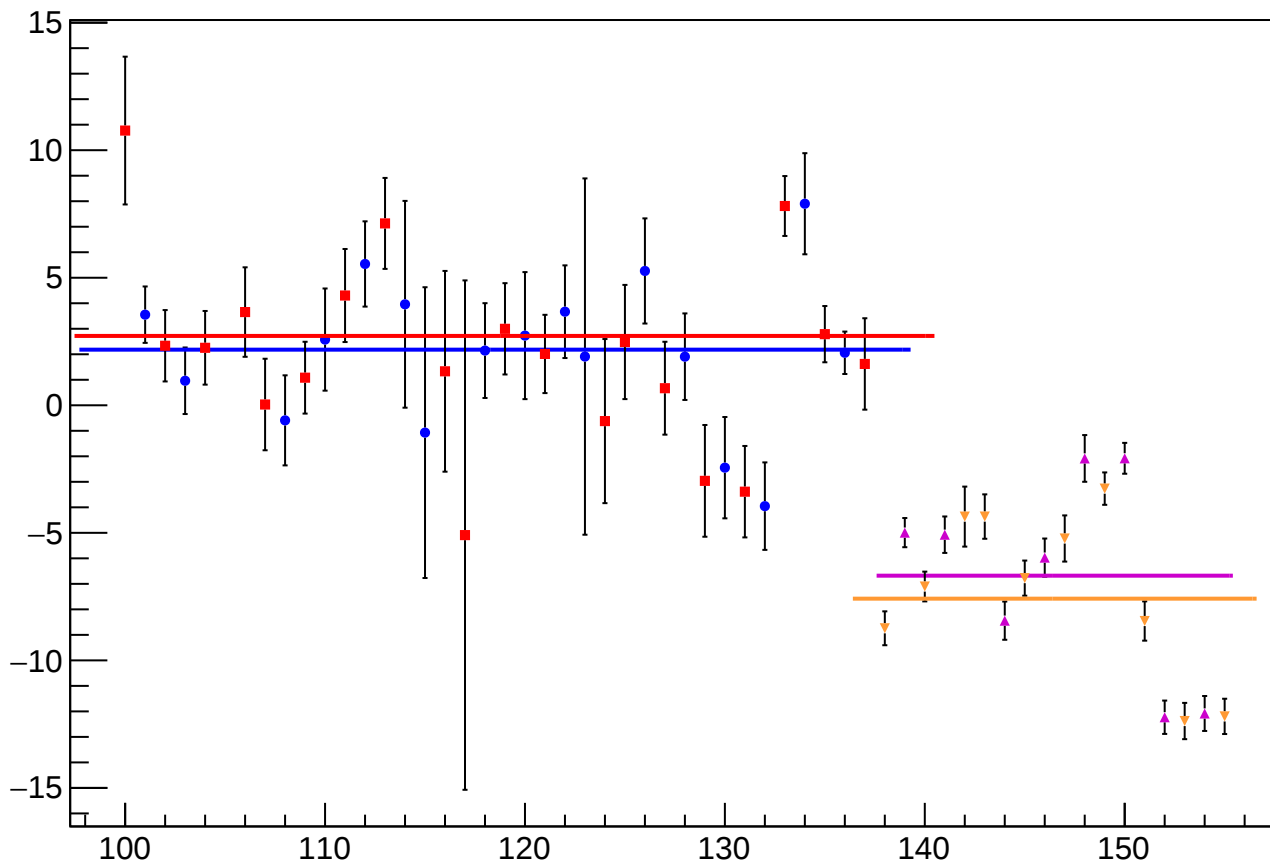
Right Out: -59.442 ± 0.212 χ^2/NDF : 2919.1/19

Left In: -56.882 ± 0.182 χ^2/NDF : 334.9/7

-57.700 ± 0.133 χ^2/NDF : 2384.2/26

-57.966 ± 0.138 χ^2/NDF : 3338.2/27

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: -7.581 ± 0.231 $\chi^2/\text{NDF}: 170.5/9$

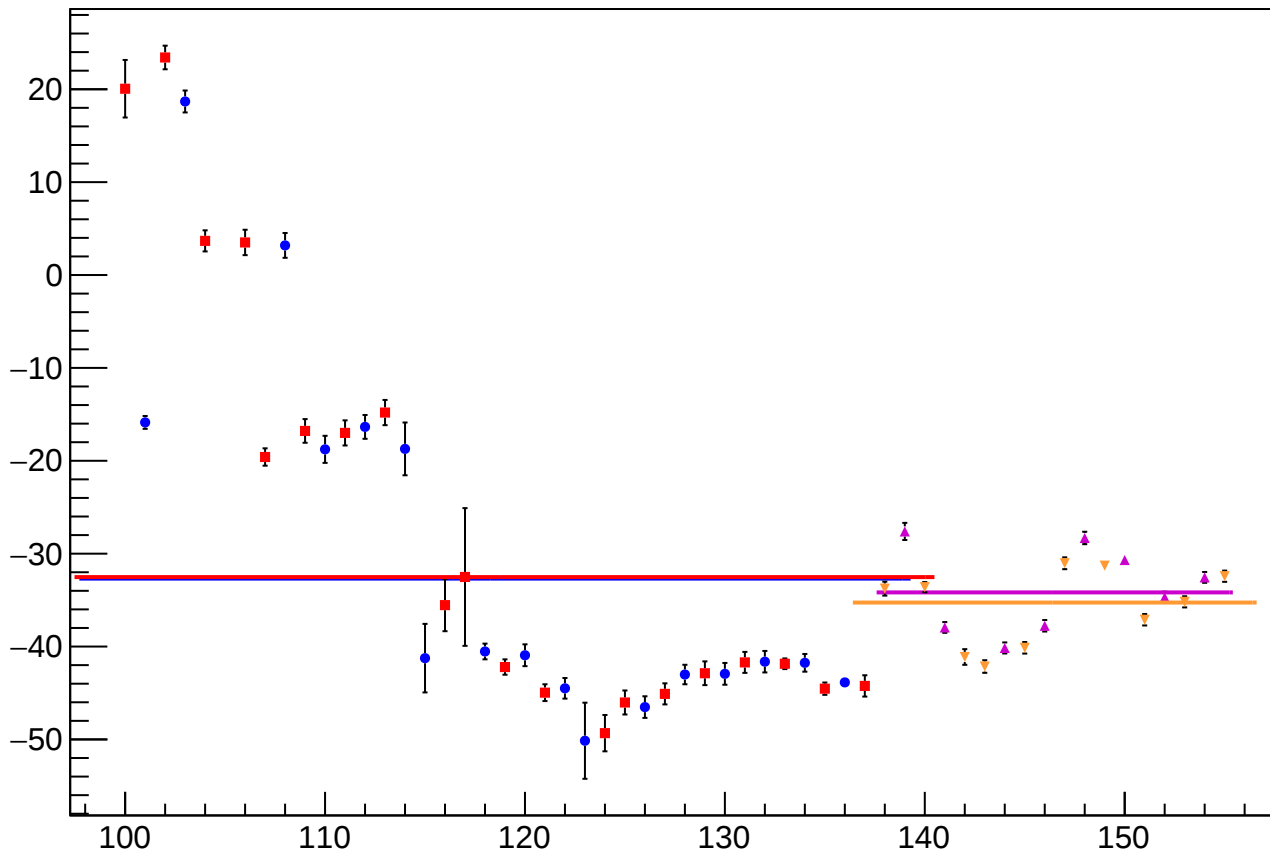
Right Out: 2.719 ± 0.388 $\chi^2/\text{NDF}: 59.5/19$

Left In: -6.680 ± 0.243 $\chi^2/\text{NDF}: 237.5/7$

-5.197 ± 0.200 $\chi^2/\text{NDF}: 647.2/26$

-4.034 ± 0.206 $\chi^2/\text{NDF}: 719.3/27$

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: -35.263 ± 0.198 $\chi^2/\text{NDF}: 357.2/9$

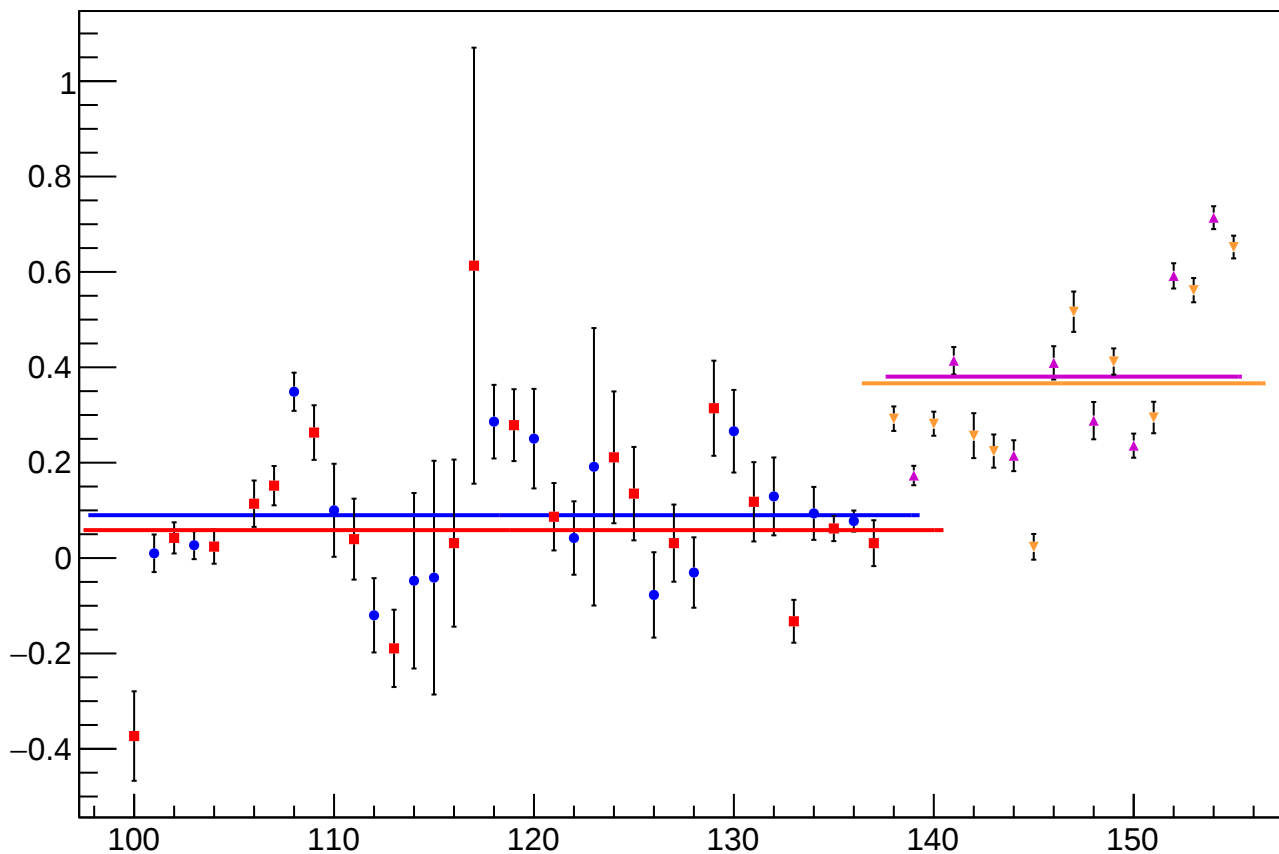
Right Out: -32.523 ± 0.244 $\chi^2/\text{NDF}: 6045.3/19$

Left In: -34.171 ± 0.216 $\chi^2/\text{NDF}: 359.8/7$

-34.294 ± 0.157 $\chi^2/\text{NDF}: 5067.7/26$

-33.445 ± 0.162 $\chi^2/\text{NDF}: 6430.6/27$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 78.8/16

Left Out: 0.366 ± 0.009 χ^2/NDF : 426.0/9

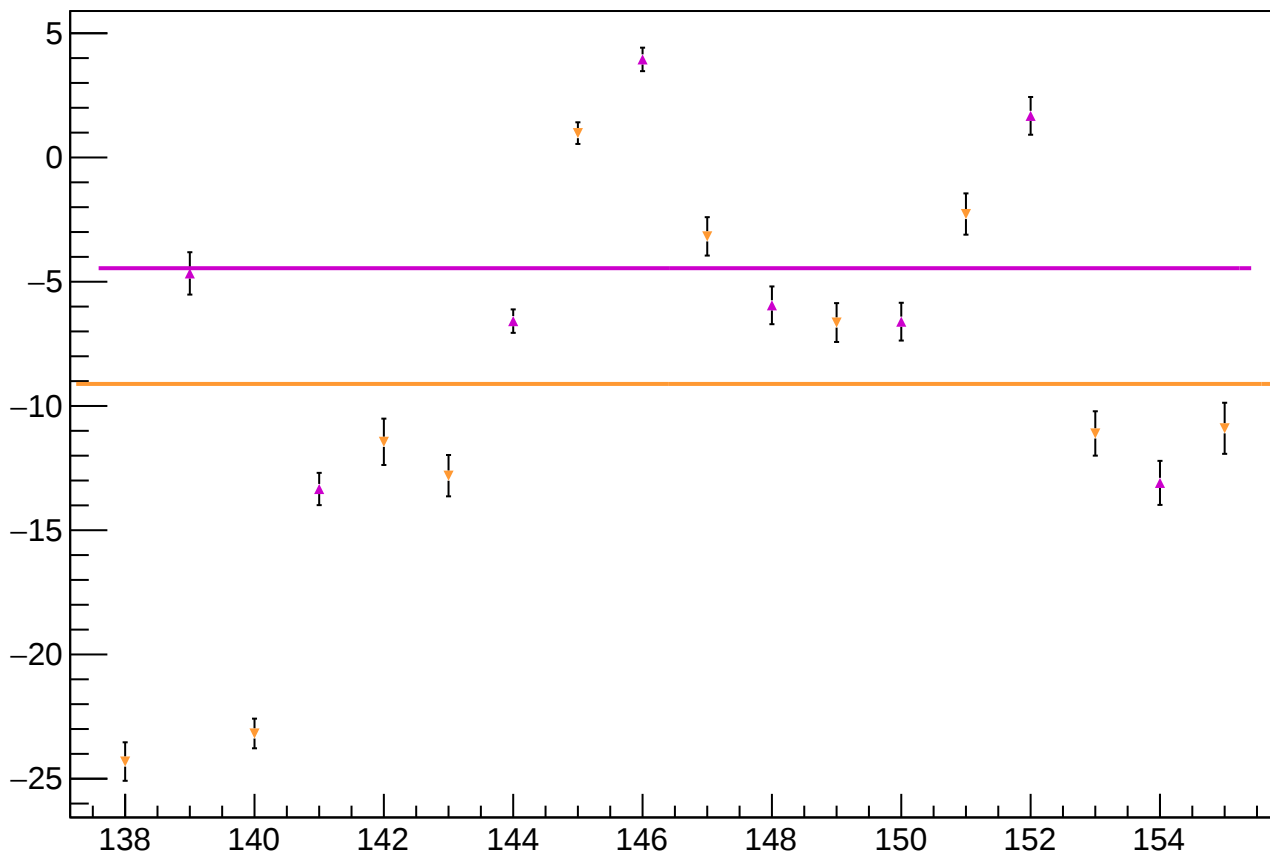
Right Out: 0.059 ± 0.012 χ^2/NDF : 88.6/19

Left In: 0.380 ± 0.010 χ^2/NDF : 426.8/7

0.272 ± 0.007 χ^2/NDF : 814.4/26

0.256 ± 0.008 χ^2/NDF : 945.5/27

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.113+/-0.228 χ^2/NDF : 1647.1/9

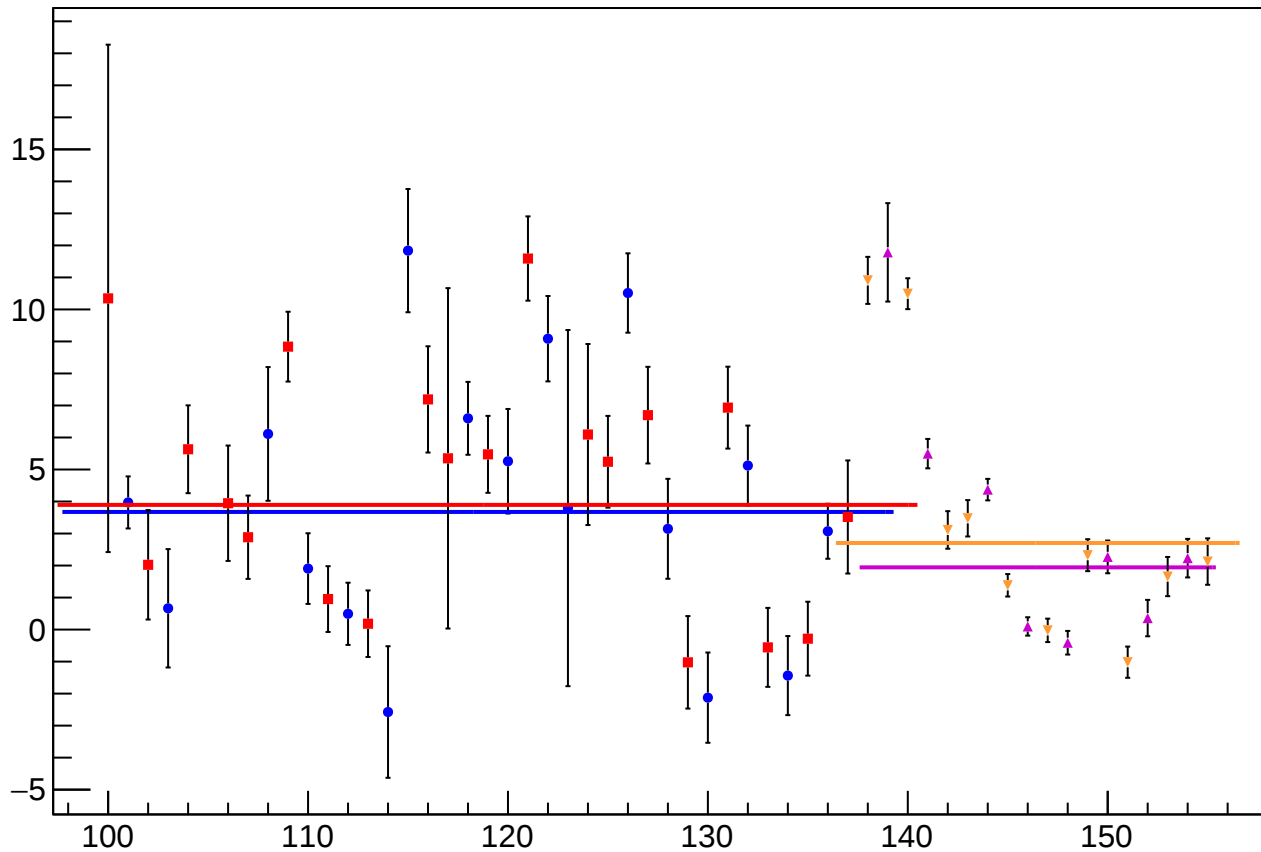
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.456+/-0.228 χ^2/NDF : 695.9/7

-9.113+/-0.228 χ^2/NDF : 1647.1/9

-4.456+/-0.228 χ^2/NDF : 695.9/7

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.675 ± 0.310 χ^2/NDF : 135.2/16

Left Out: 2.705 ± 0.157 χ^2/NDF : 519.8/9

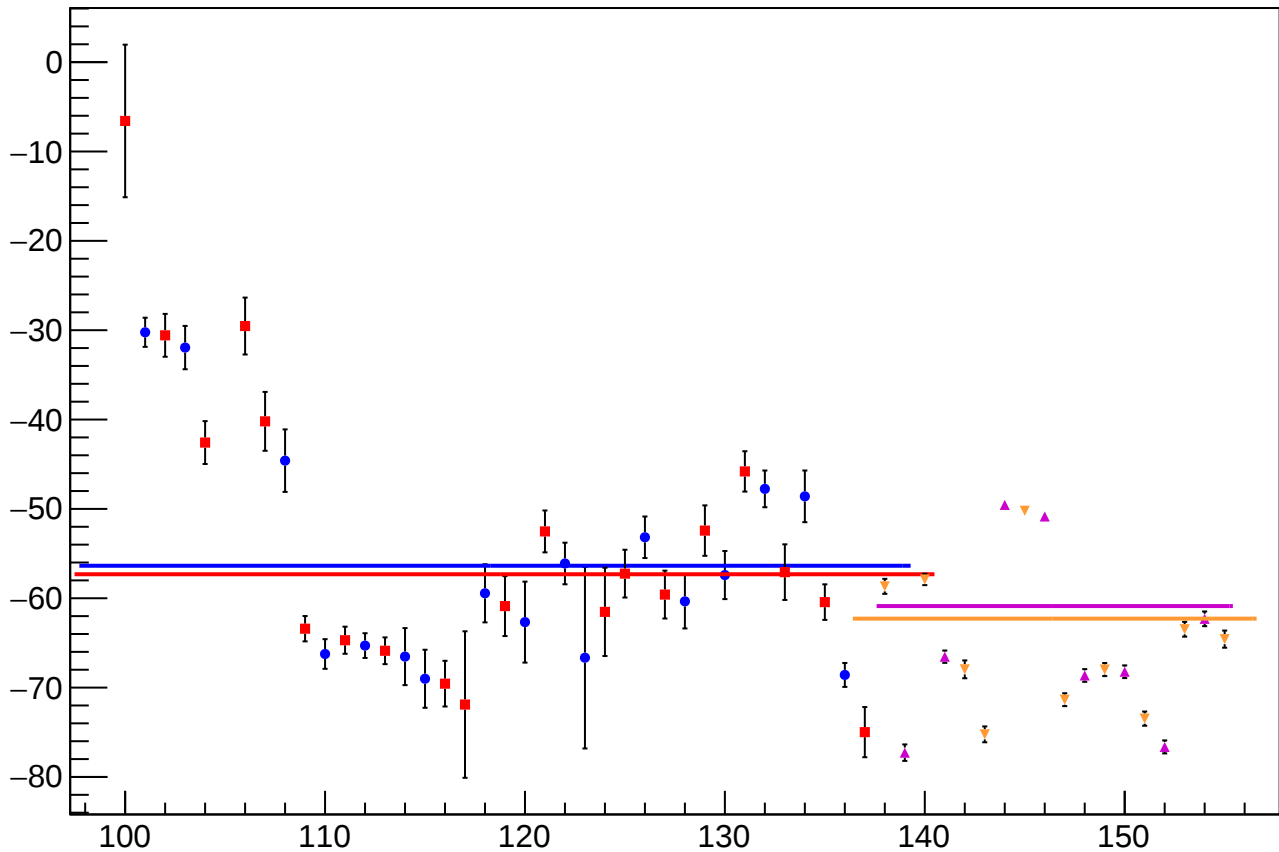
Right Out: 3.895 ± 0.316 χ^2/NDF : 133.8/19

Left In: 1.943 ± 0.152 χ^2/NDF : 243.5/7

2.903 ± 0.140 χ^2/NDF : 662.7/26

2.311 ± 0.137 χ^2/NDF : 408.3/27

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.362 ± 0.543 χ^2/NDF : 587.2/16

Left Out: -62.280 ± 0.231 χ^2/NDF : 1413.3/9

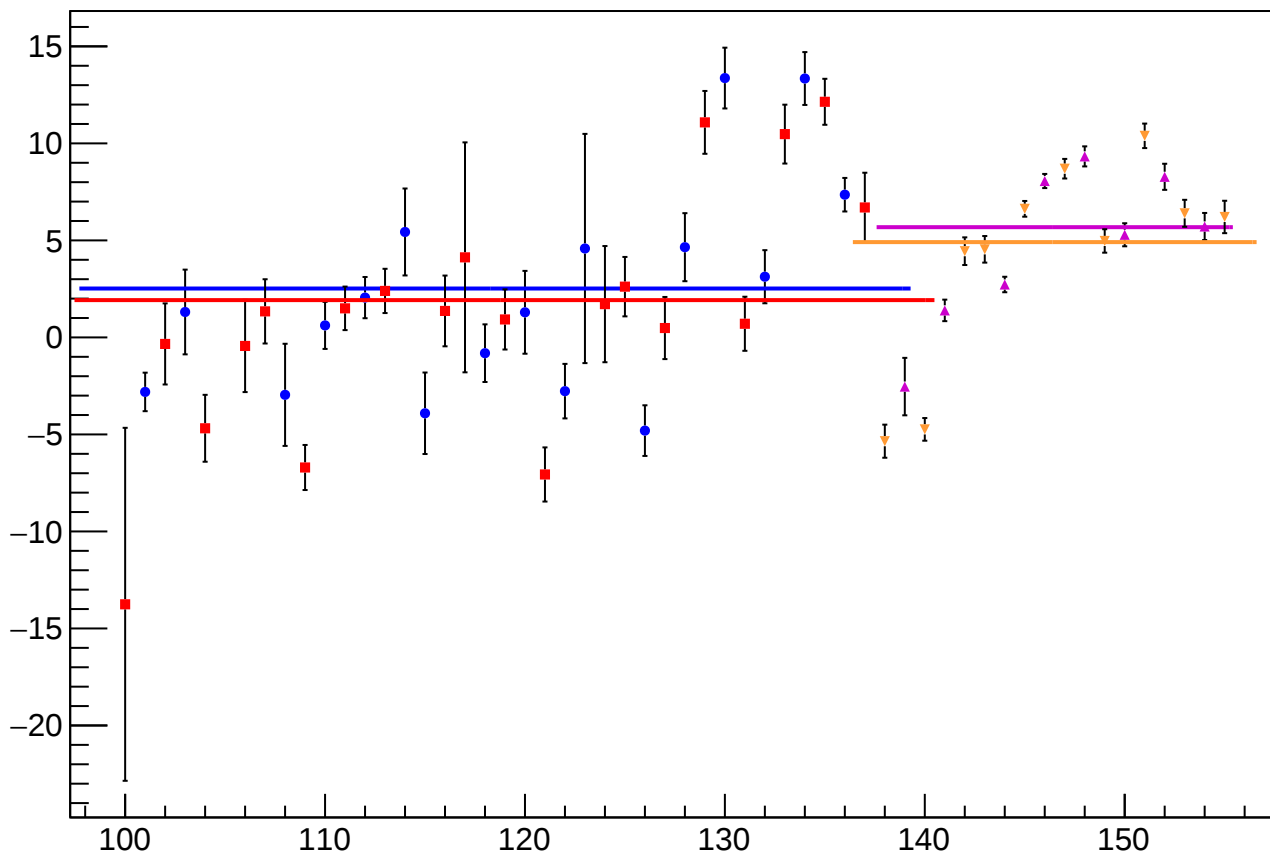
Right Out: -57.314 ± 0.535 χ^2/NDF : 479.2/19

Left In: -60.875 ± 0.227 χ^2/NDF : 2072.0/7

-61.374 ± 0.213 χ^2/NDF : 2101.0/26

-60.330 ± 0.209 χ^2/NDF : 2588.7/27

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.520 ± 0.347 χ^2/NDF : 242.3/16

Left Out: 4.912 ± 0.192 χ^2/NDF : 574.7/9

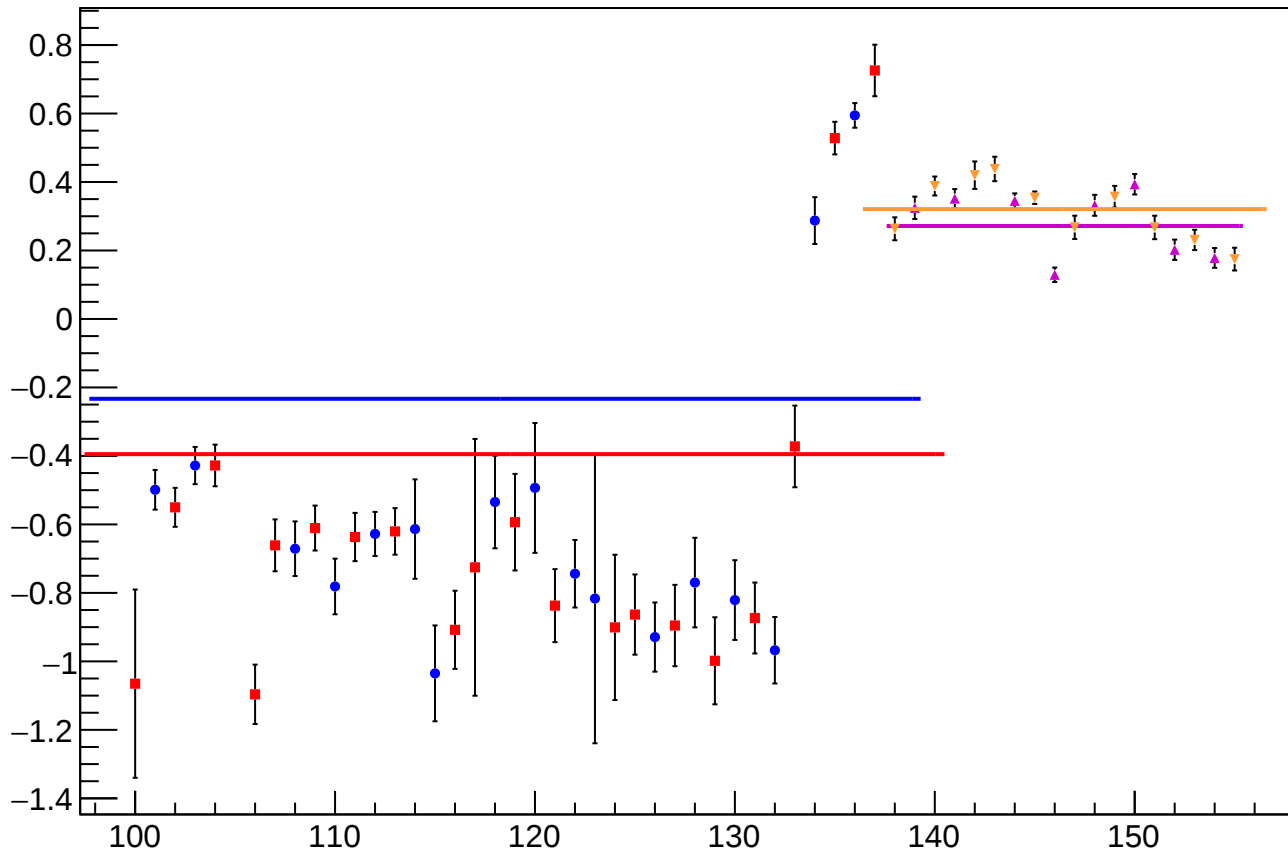
Right Out: 1.922 ± 0.354 χ^2/NDF : 264.7/19

Left In: 5.681 ± 0.188 χ^2/NDF : 253.3/7

4.352 ± 0.168 χ^2/NDF : 853.4/26

4.857 ± 0.166 χ^2/NDF : 605.9/27

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.233+/-0.019 χ^2/NDF : 956.8/16

Left Out: 0.321+/-0.009 χ^2/NDF : 63.9/9

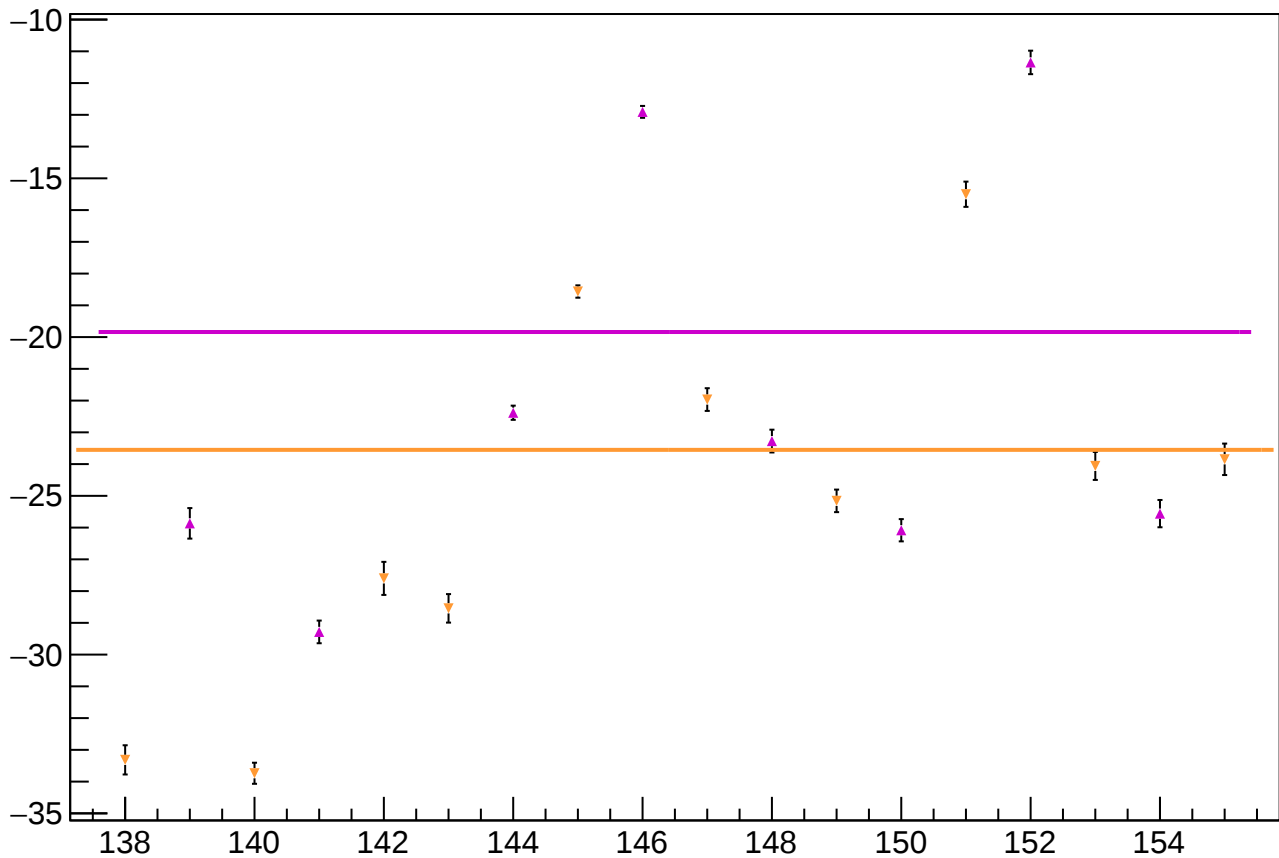
Right Out: -0.395+/-0.019 χ^2/NDF : 845.9/19

Left In: 0.272+/-0.009 χ^2/NDF : 104.1/7

0.211+/-0.008 χ^2/NDF : 1709.9/26

0.138+/-0.008 χ^2/NDF : 1937.2/27

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.552+/-0.112 χ^2/NDF : 2682.8/9

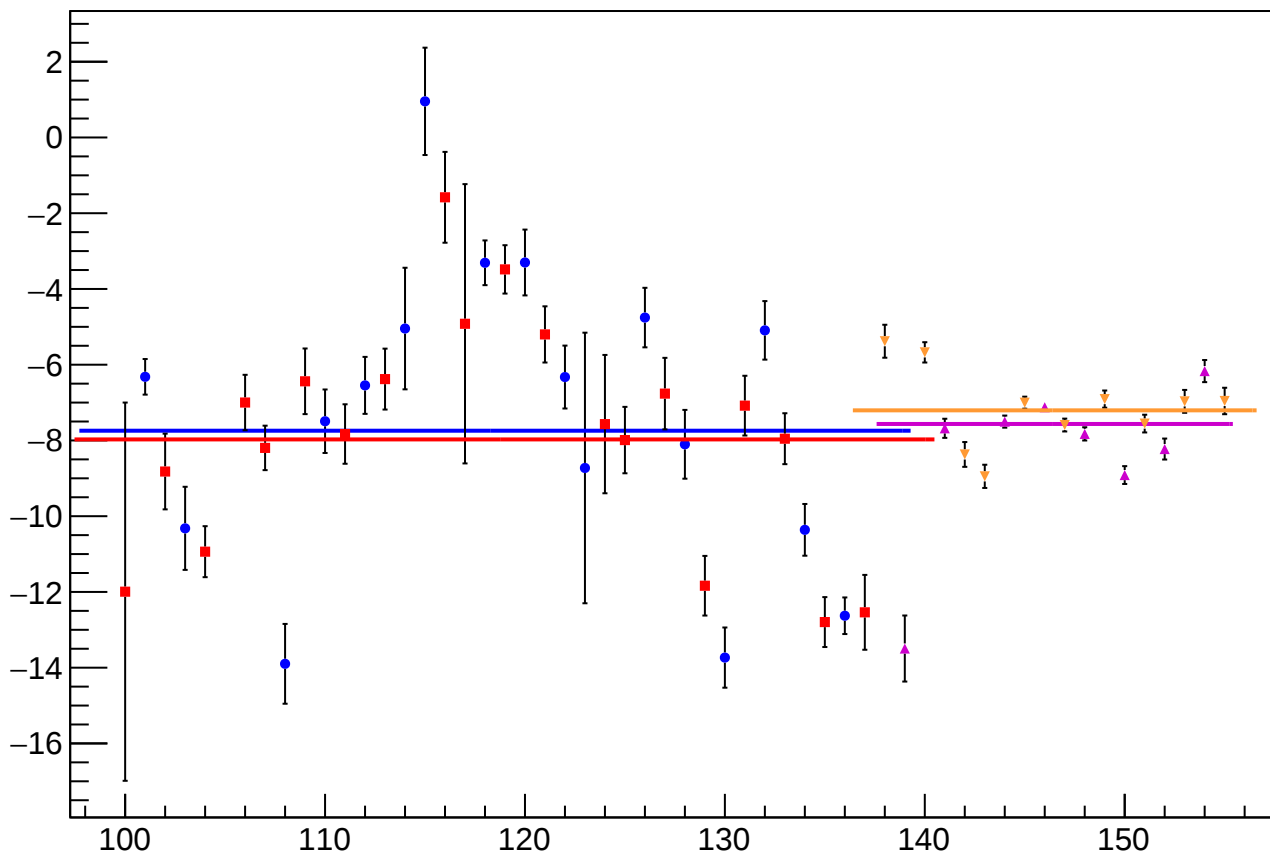
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.840+/-0.106 χ^2/NDF : 3468.2/7

-23.552+/-0.112 χ^2/NDF : 2682.8/9

-19.840+/-0.106 χ^2/NDF : 3468.2/7

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.743 $\pm$ 0.187 χ^2 /NDF: 377.5/16

Left Out: -7.205 $\pm$ 0.077 χ^2 /NDF: 107.1/9

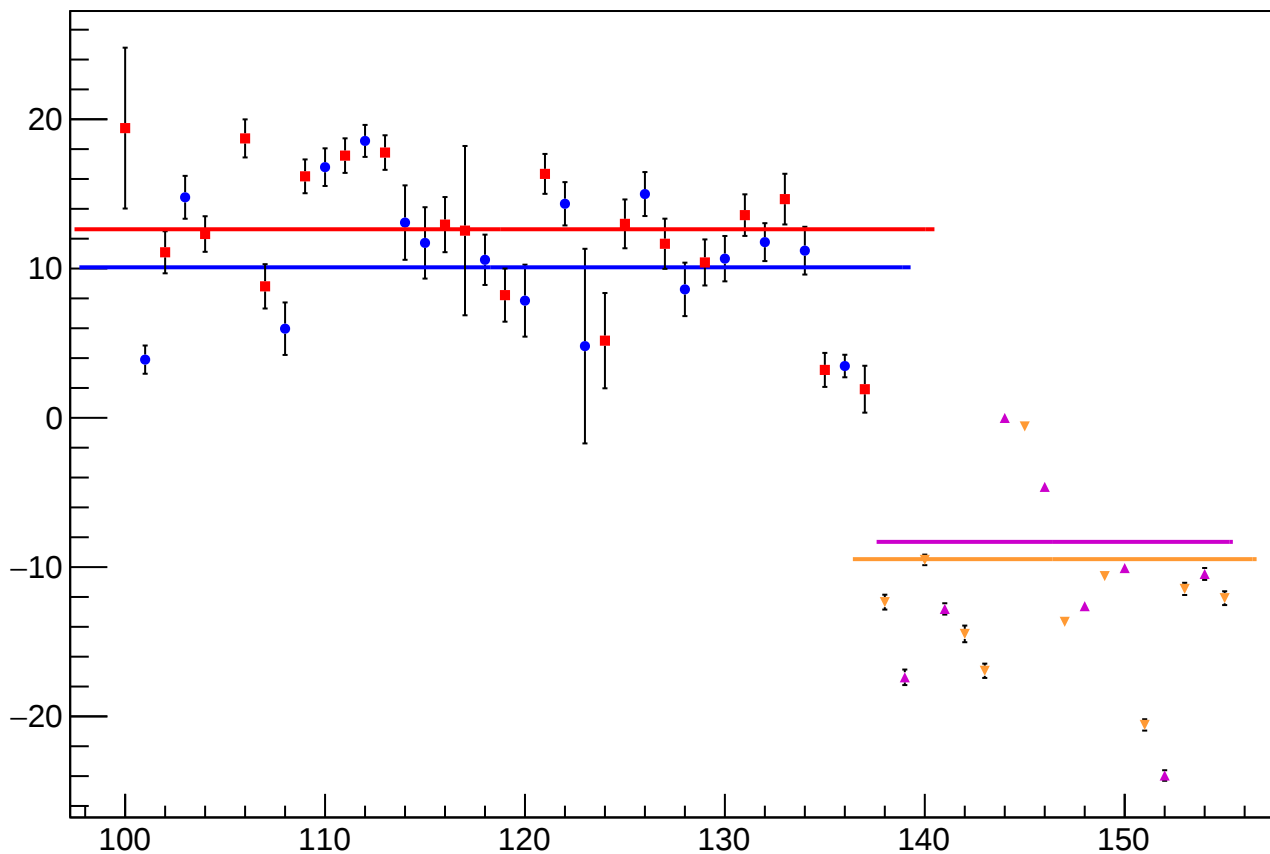
Right Out: -7.973 $\pm$ 0.186 χ^2 /NDF: 224.2/19

Left In: -7.565 $\pm$ 0.070 χ^2 /NDF: 124.6/7

-7.282 $\pm$ 0.071 χ^2 /NDF: 491.7/26

-7.615 $\pm$ 0.065 χ^2 /NDF: 353.0/27

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.083 ± 0.338 χ^2/NDF : 252.7/16

Left Out: -9.466 ± 0.113 χ^2/NDF : 3296.1/9

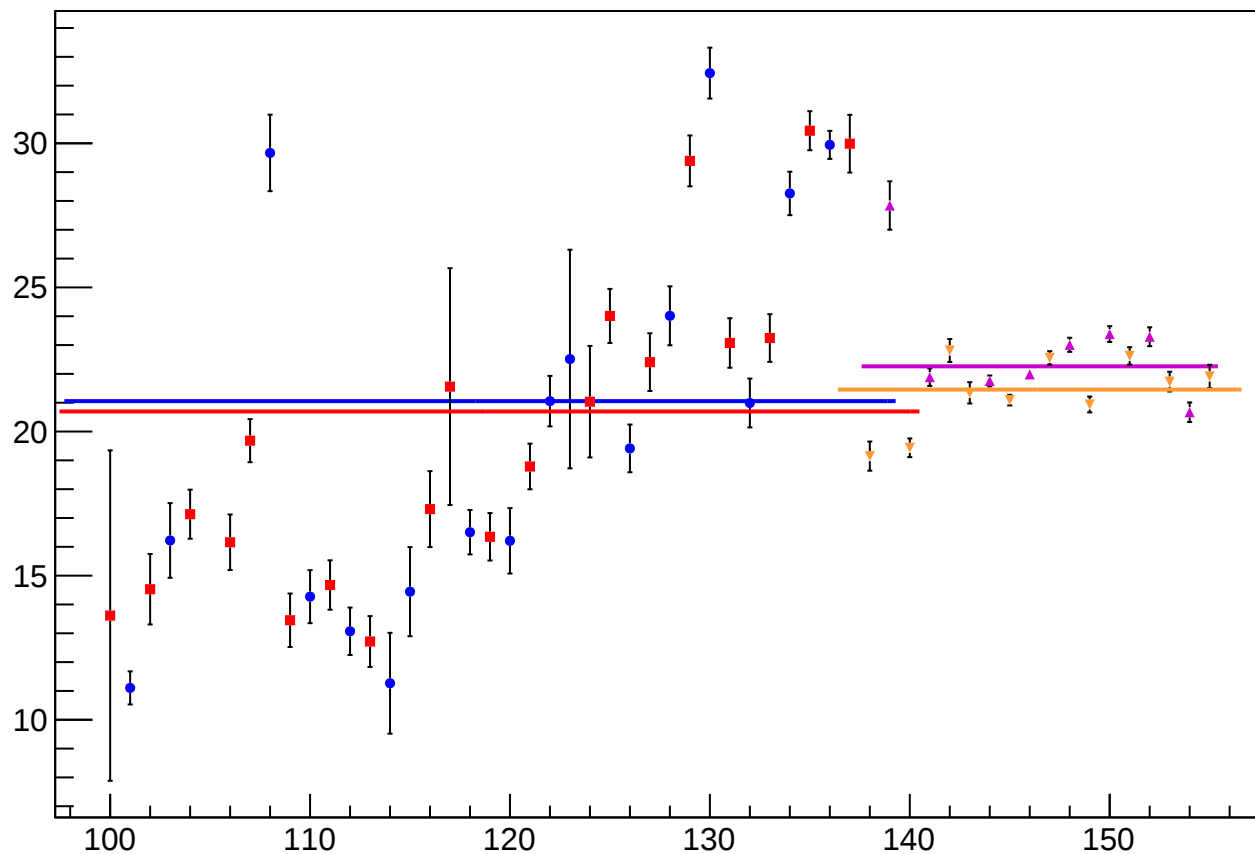
Right Out: 12.631 ± 0.332 χ^2/NDF : 218.6/19

Left In: -8.309 ± 0.105 χ^2/NDF : 4236.9/7

-7.510 ± 0.107 χ^2/NDF : 6560.7/26

-6.416 ± 0.100 χ^2/NDF : 8072.2/27

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 21.055 $\pm$ 0.211 χ^2/NDF : 1211.8/16

Left Out: 21.455 $\pm$ 0.094 χ^2/NDF : 117.8/9

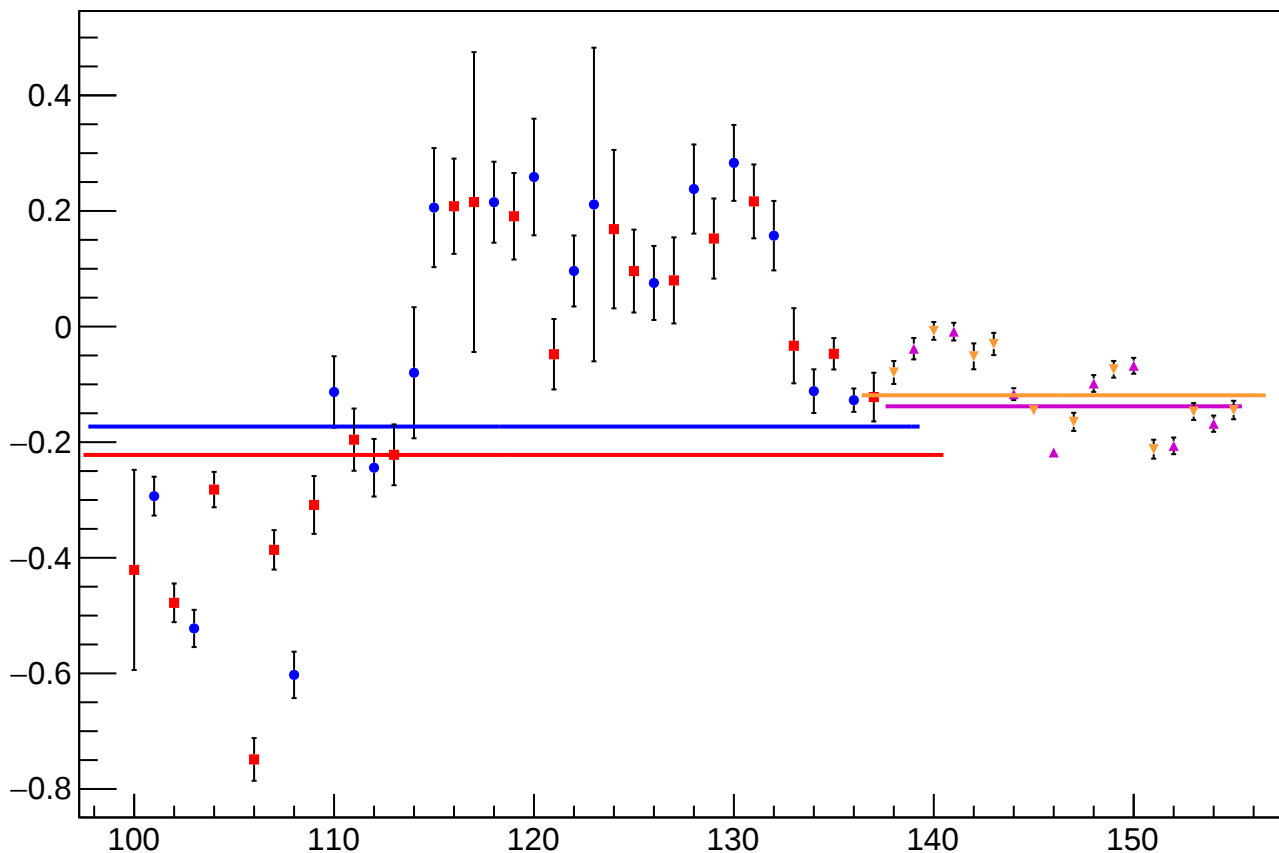
Right Out: 20.696 $\pm$ 0.212 χ^2/NDF : 724.1/19

Left In: 22.262 $\pm$ 0.086 χ^2/NDF : 114.6/7

21.389 $\pm$ 0.086 χ^2/NDF : 1332.5/26

22.041 $\pm$ 0.080 χ^2/NDF : 885.3/27

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.173 ± 0.011 $\chi^2/\text{NDF}: 461.8/16$

Left Out: -0.119 ± 0.005 $\chi^2/\text{NDF}: 153.8/9$

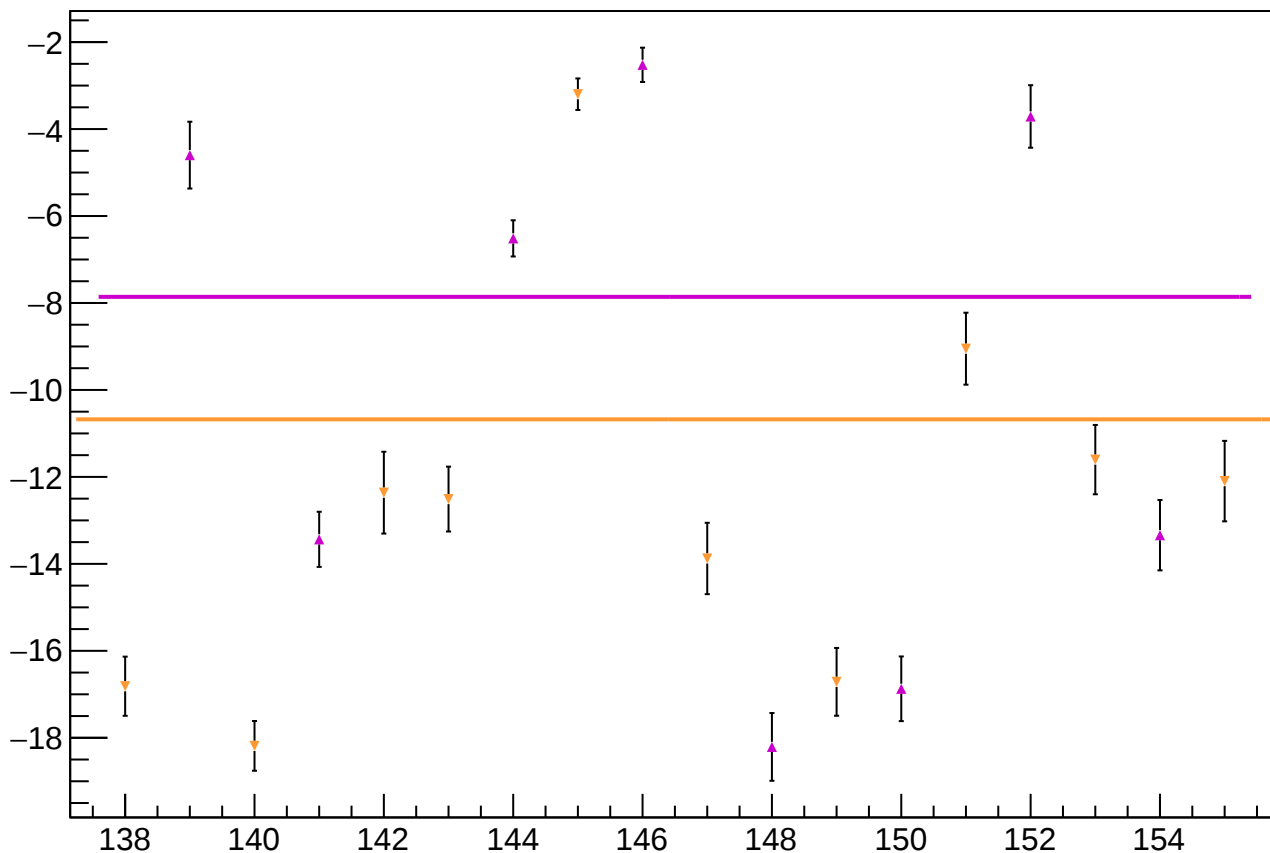
Right Out: -0.222 ± 0.011 $\chi^2/\text{NDF}: 538.0/19$

Left In: -0.138 ± 0.004 $\chi^2/\text{NDF}: 254.0/7$

-0.127 ± 0.004 $\chi^2/\text{NDF}: 635.6/26$

-0.150 ± 0.004 $\chi^2/\text{NDF}: 842.6/27$

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.676+/-0.208 χ^2/NDF : 770.9/9

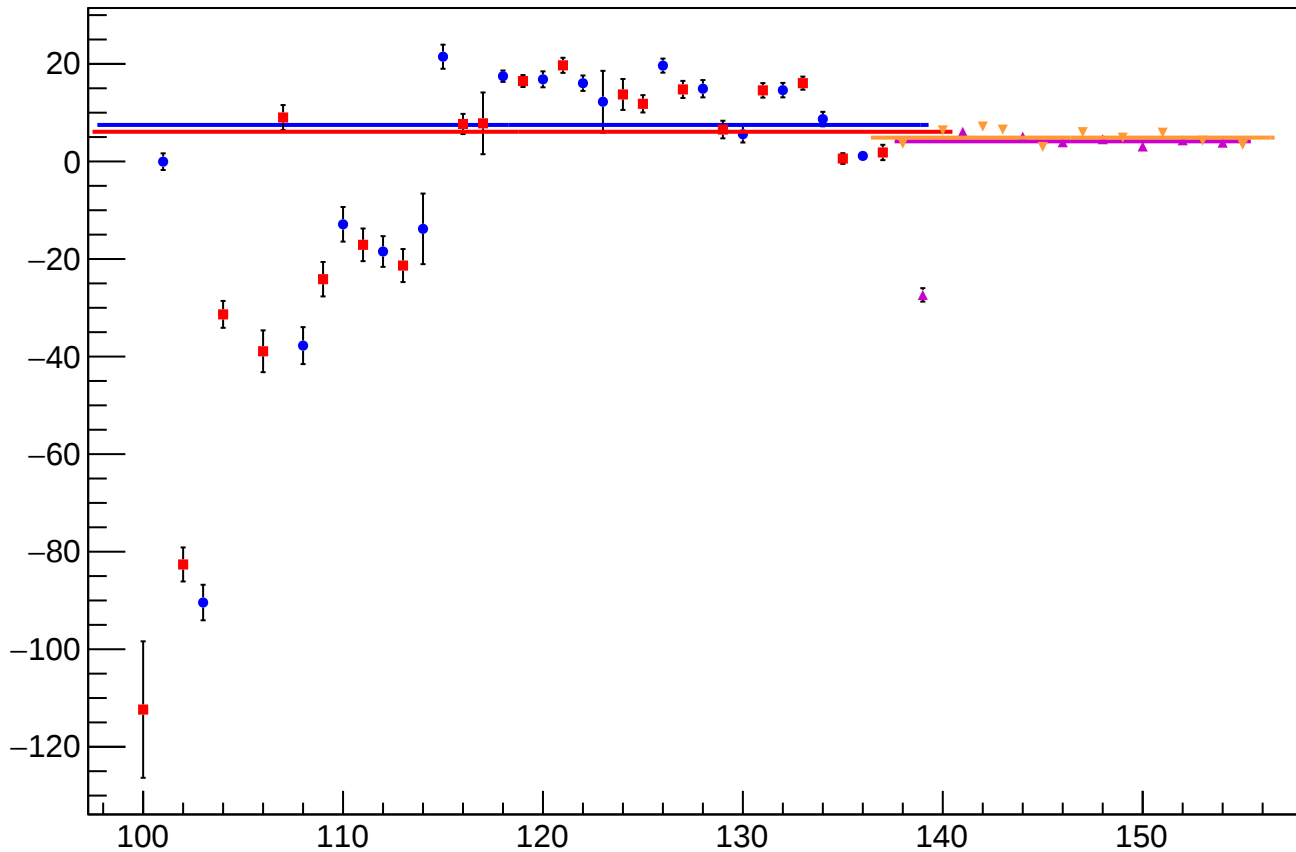
-10.676+/-0.208 χ^2/NDF : 770.9/9

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

-7.859+/-0.207 χ^2/NDF : 691.4/7

Left In: -7.859+/-0.207 χ^2/NDF : 691.4/7

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: 4.886 $\pm$ 0.147 χ^2 /NDF:101.2/9

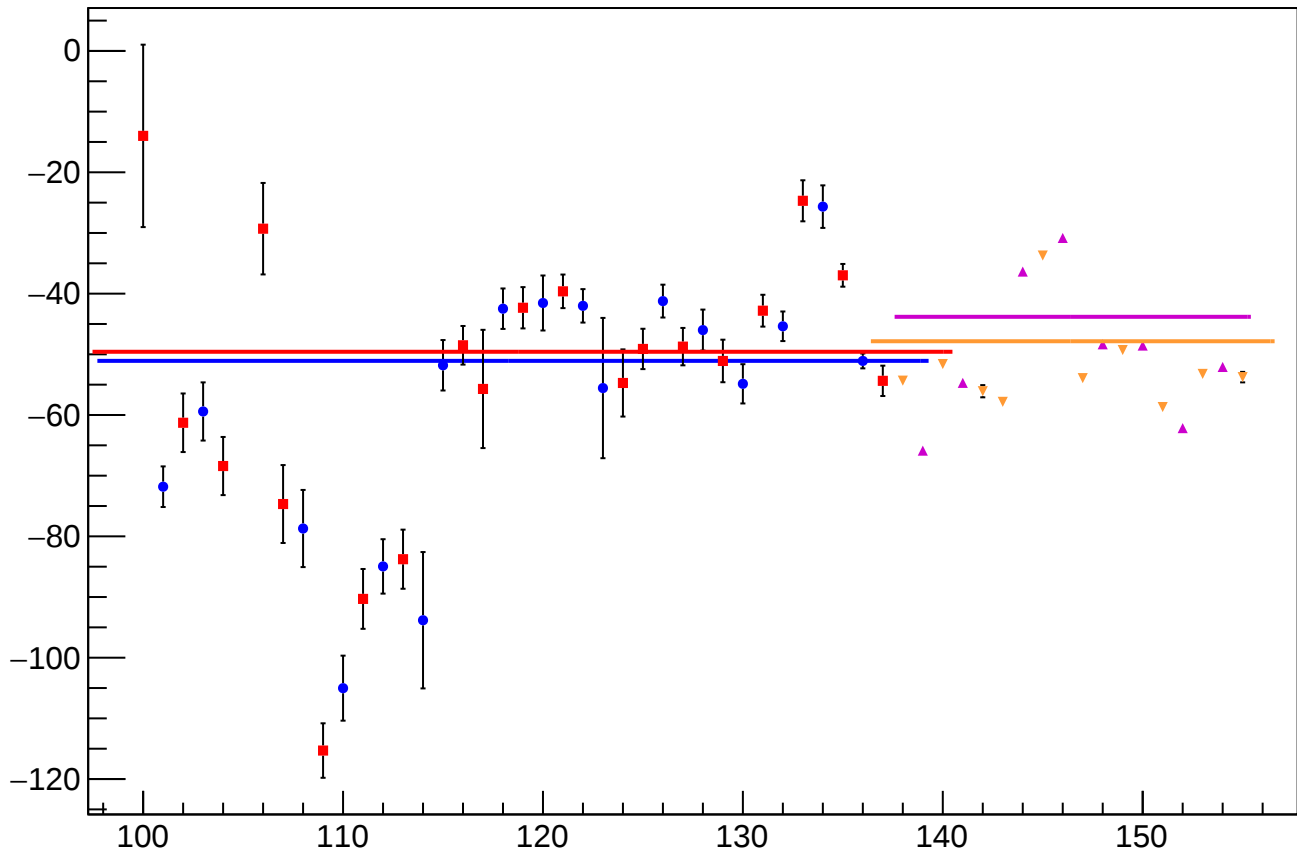
Right Out: 6.086 $\pm$ 0.433 χ^2 /NDF: 1512.2/19

Left In: 4.124 $\pm$ 0.141 χ^2 /NDF:555.3/7

5.187 $\pm$ 0.138 χ^2 /NDF: 1477.9/26

4.312 $\pm$ 0.134 χ^2 /NDF: 2086.0/27

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.077 ± 0.741 χ^2/NDF : 330.2/16

Left Out: -47.845 ± 0.213 χ^2/NDF : 2022.7/9

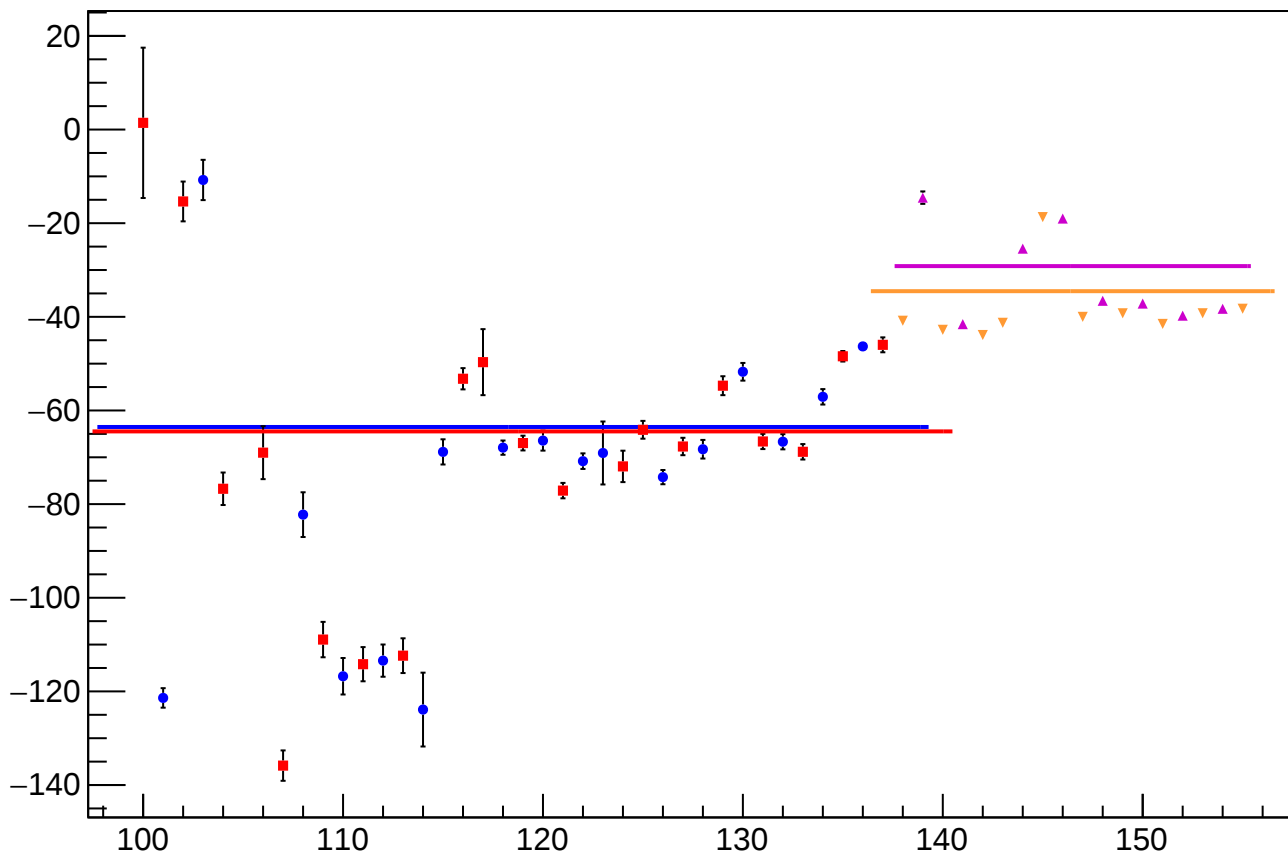
Right Out: -49.579 ± 0.796 χ^2/NDF : 510.0/19

Left In: -43.817 ± 0.207 χ^2/NDF : 3330.3/7

-48.091 ± 0.204 χ^2/NDF : 2370.5/26

-44.181 ± 0.200 χ^2/NDF : 3889.4/27

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.525±/0.449 χ^2/NDF : 2010.9/16

Left Out: -34.521±/0.178 χ^2/NDF : 3192.7/9

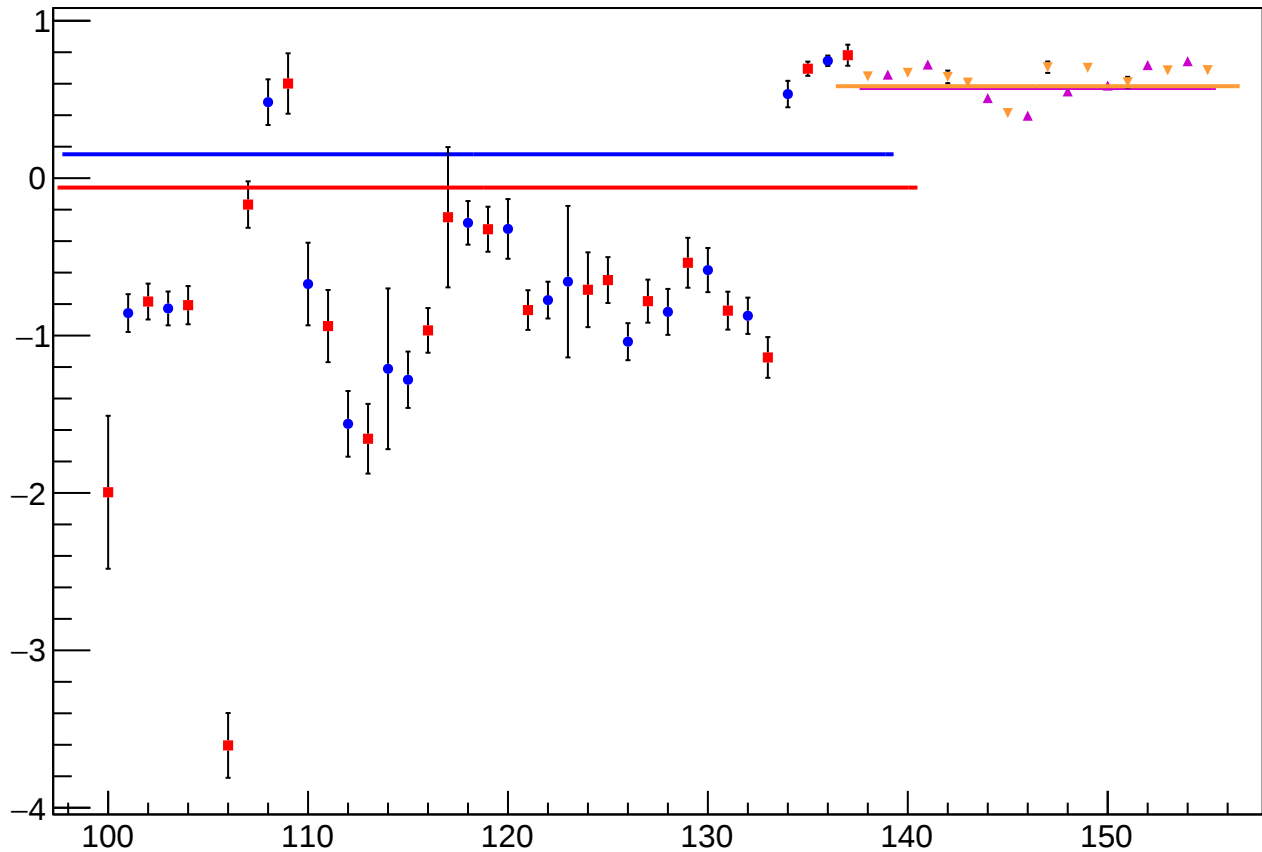
Right Out: -64.470±/0.482 χ^2/NDF : 1607.5/19

Left In: -29.165±/0.173 χ^2/NDF : 2664.3/7

-38.461±/0.165 χ^2/NDF : 8814.8/26

-33.179±/0.162 χ^2/NDF : 9030.3/27

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 $\pm$ 0.024 χ^2 /NDF: 987.4/16

Left Out: 0.584 $\pm$ 0.009 χ^2 /NDF:194.8/9

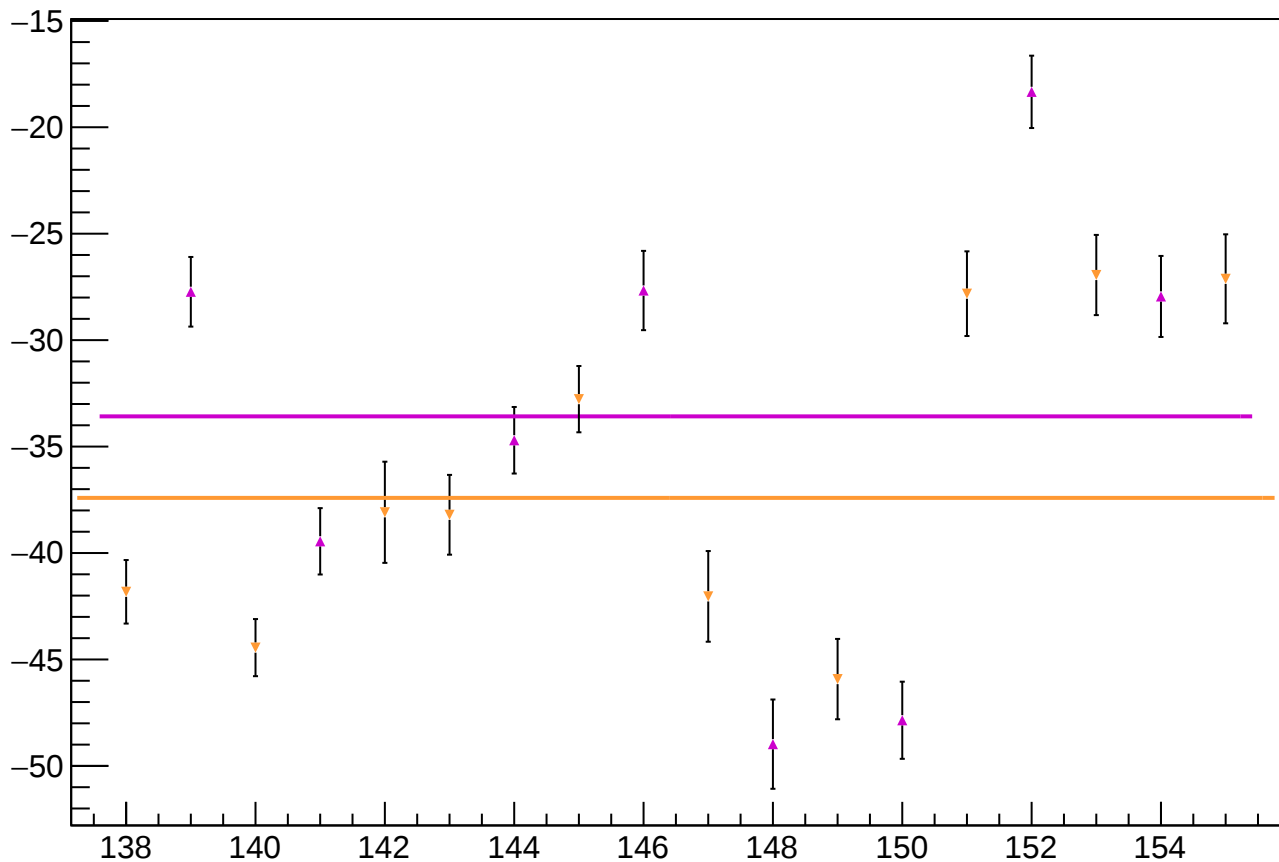
Right Out: -0.060 $\pm$ 0.026 χ^2 /NDF: 1162.1/19

Left In: 0.573 $\pm$ 0.009 χ^2 /NDF:215.9/7

0.536 $\pm$ 0.008 χ^2 /NDF: 1469.5/26

0.510 $\pm$ 0.008 χ^2 /NDF: 1901.8/27

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -37.410+/-0.564 χ^2/NDF : 148.8/9

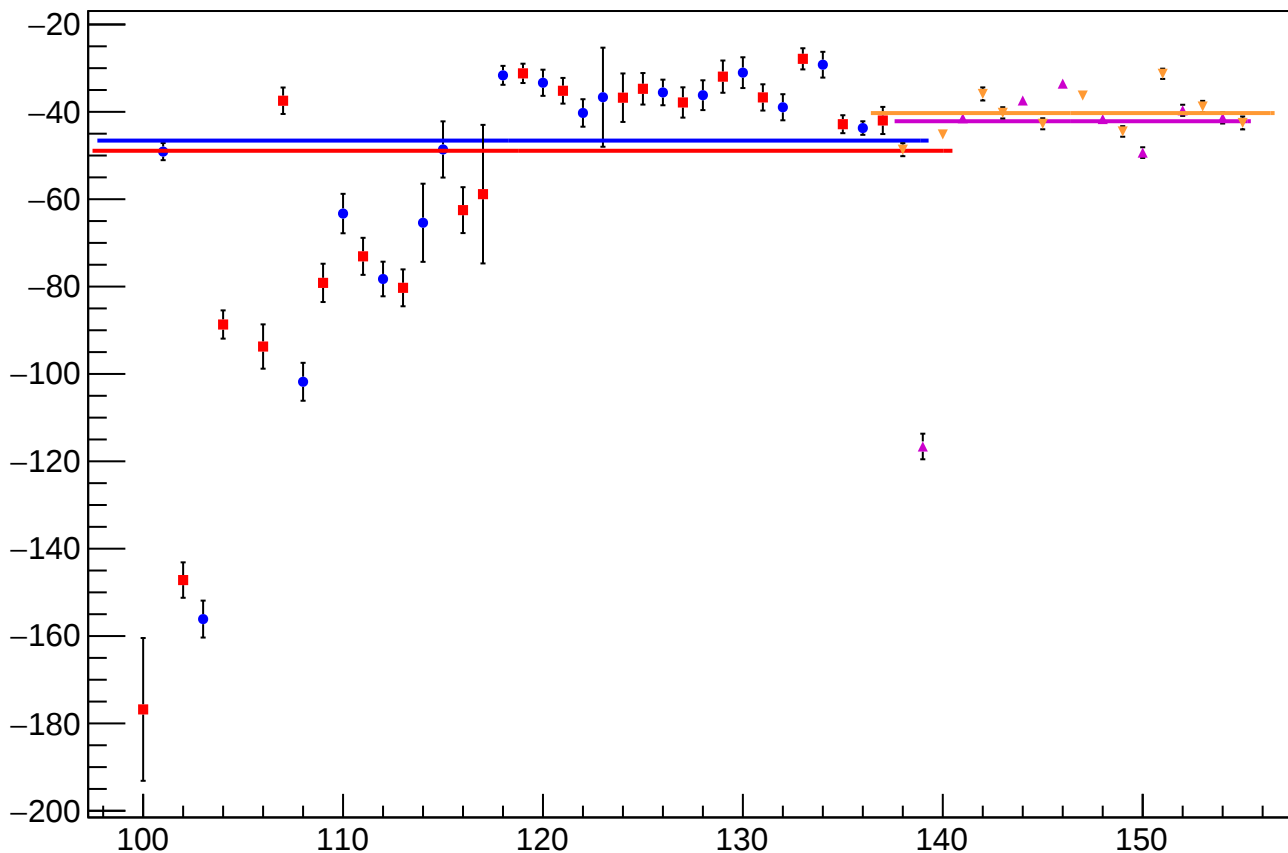
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.581+/-0.616 χ^2/NDF : 242.8/7

-37.410+/-0.564 χ^2/NDF : 148.8/9

-33.581+/-0.616 χ^2/NDF : 242.8/7

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.579 ± 0.730 $\chi^2/\text{NDF}: 1076.4/16$

Left Out: -40.282 ± 0.396 $\chi^2/\text{NDF}: 153.9/9$

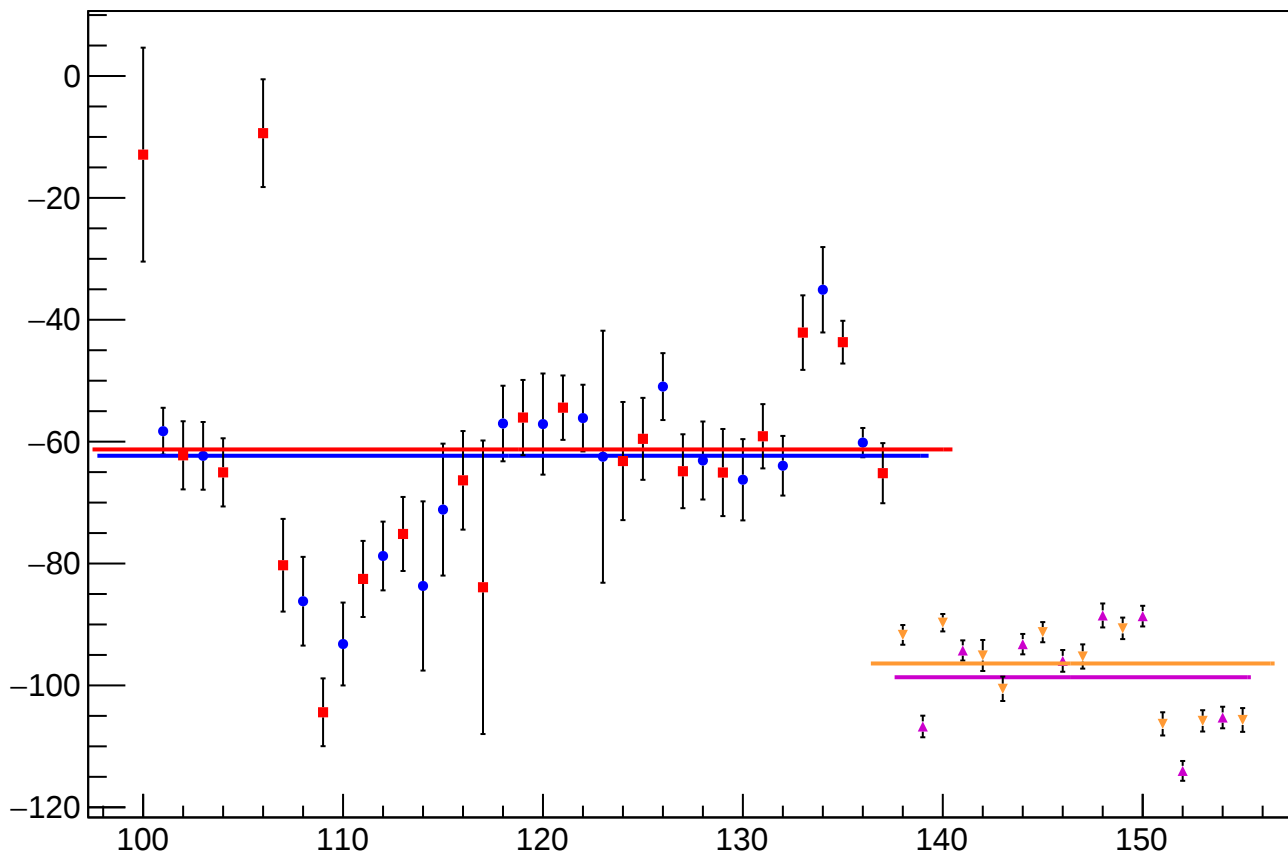
Right Out: -48.911 ± 0.763 $\chi^2/\text{NDF}: 1277.9/19$

Left In: -42.149 ± 0.433 $\chi^2/\text{NDF}: 760.2/7$

-41.712 ± 0.348 $\chi^2/\text{NDF}: 1287.9/26$

-43.799 ± 0.377 $\chi^2/\text{NDF}: 2097.6/27$

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: -96.402 ± 0.570 $\chi^2/\text{NDF}: 134.3/9$

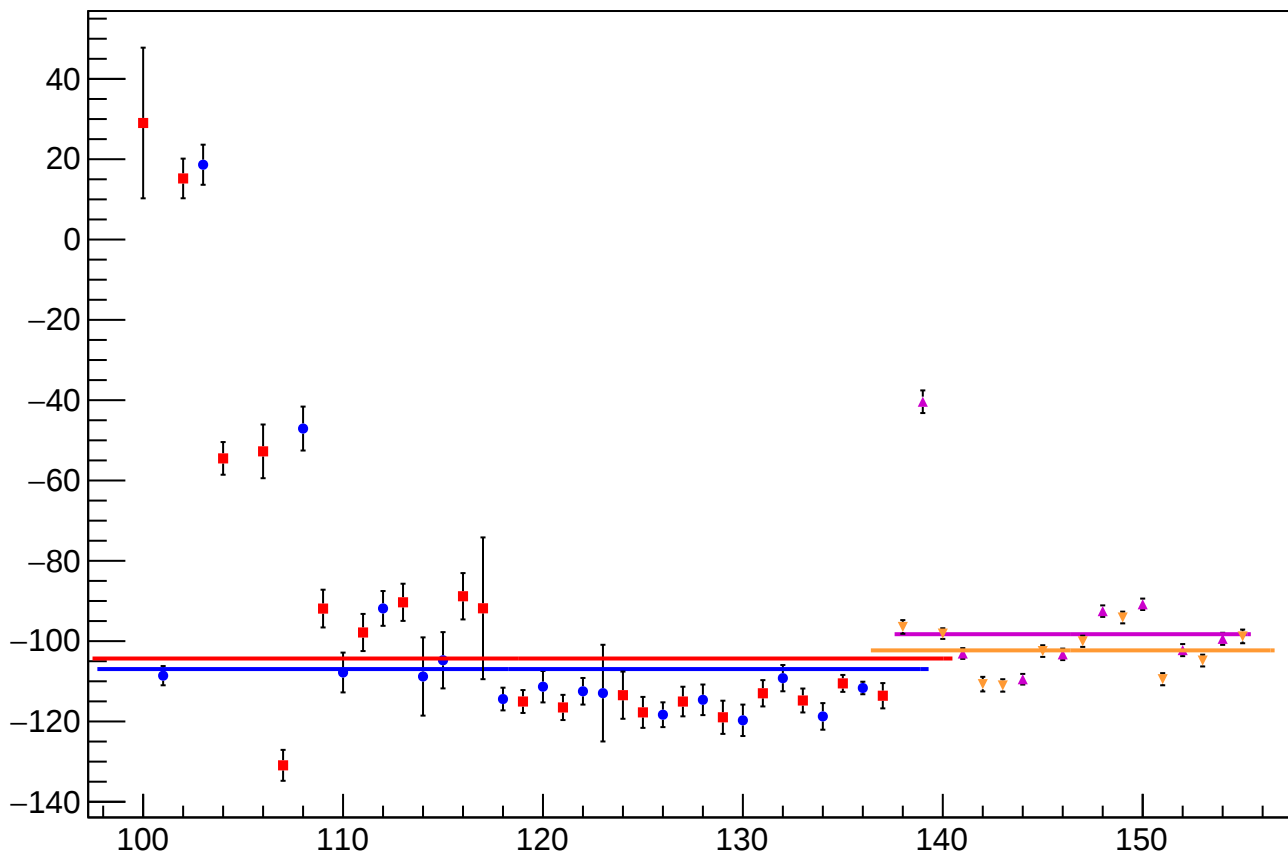
Right Out: -61.277 ± 1.379 $\chi^2/\text{NDF}: 165.9/19$

Left In: -98.658 ± 0.613 $\chi^2/\text{NDF}: 205.5/7$

-91.020 ± 0.523 $\chi^2/\text{NDF}: 766.7/26$

-92.483 ± 0.560 $\chi^2/\text{NDF}: 985.1/27$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -106.954+/-0.817 χ^2/NDF : 827.2/16

Left Out: -102.300+/-0.480 χ^2/NDF :138.5/9

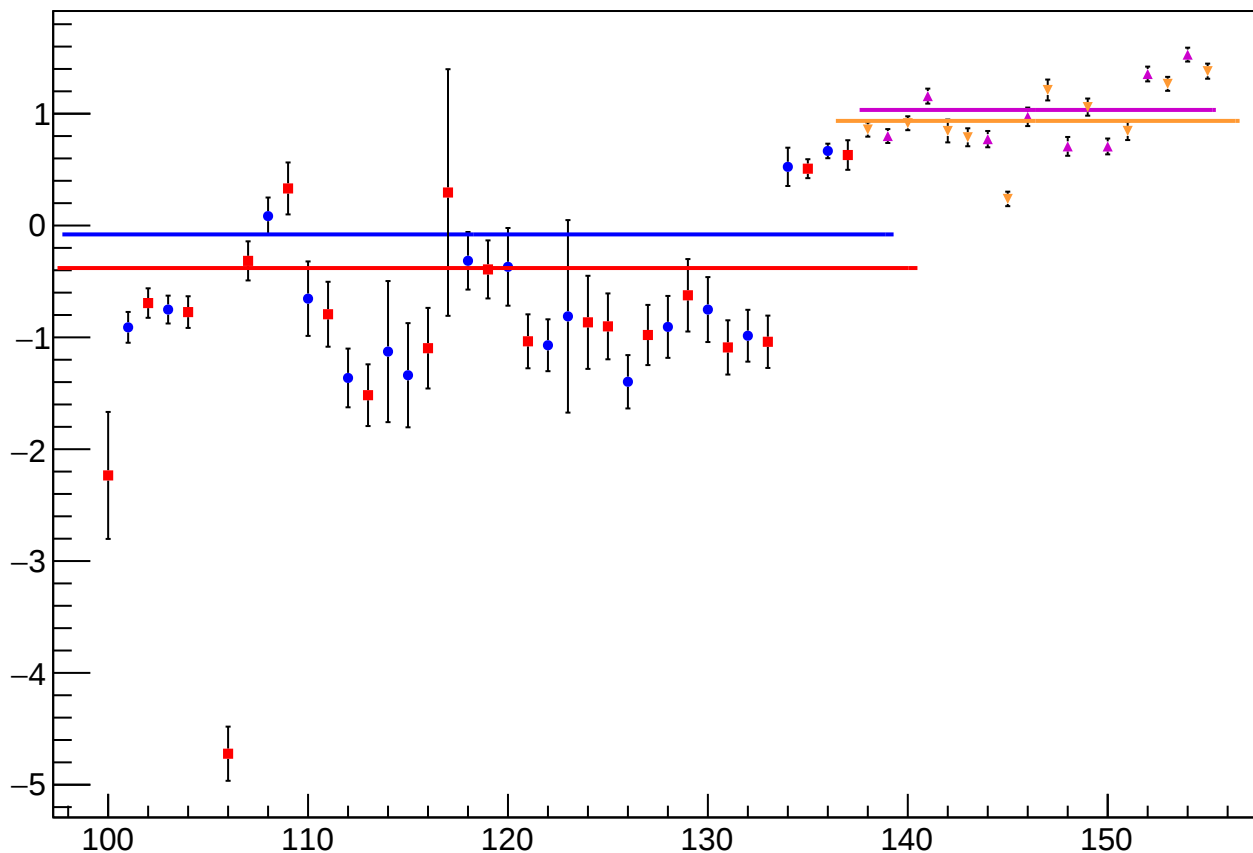
Right Out: -104.326+/-0.860 χ^2/NDF : 1021.5/19

Left In: -98.271+/-0.526 χ^2/NDF :569.5/7

-103.496+/-0.414 χ^2/NDF : 989.8/26

-99.918+/-0.449 χ^2/NDF : 1627.0/27

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.079 ± 0.042 χ^2/NDF : 328.5/16

Left Out: 0.936 ± 0.023 χ^2/NDF : 205.3/9

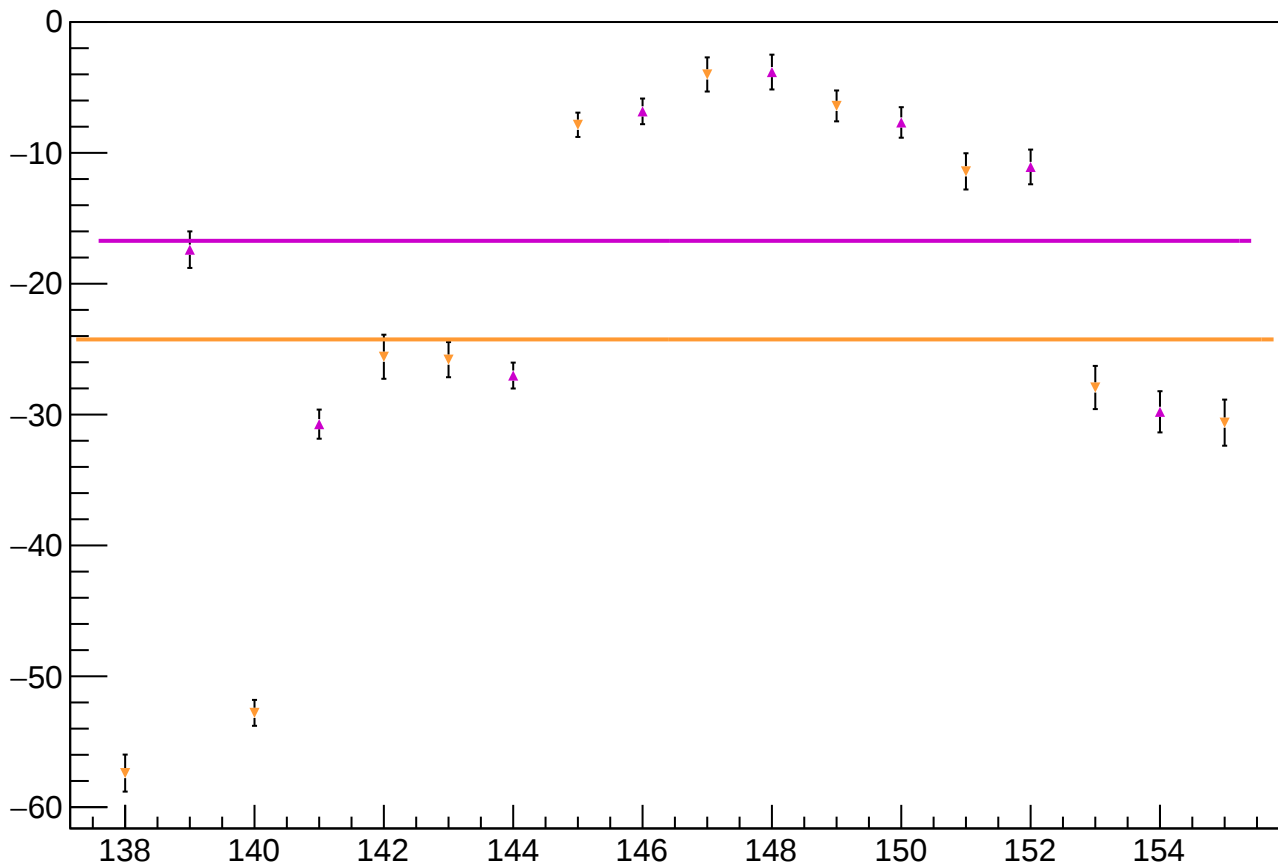
Right Out: -0.380 ± 0.044 χ^2/NDF : 580.9/19

Left In: 1.034 ± 0.025 χ^2/NDF : 154.1/7

0.705 ± 0.020 χ^2/NDF : 979.3/26

0.695 ± 0.022 χ^2/NDF : 1521.2/27

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -24.257+/-0.405 χ^2/NDF : 2266.3/9

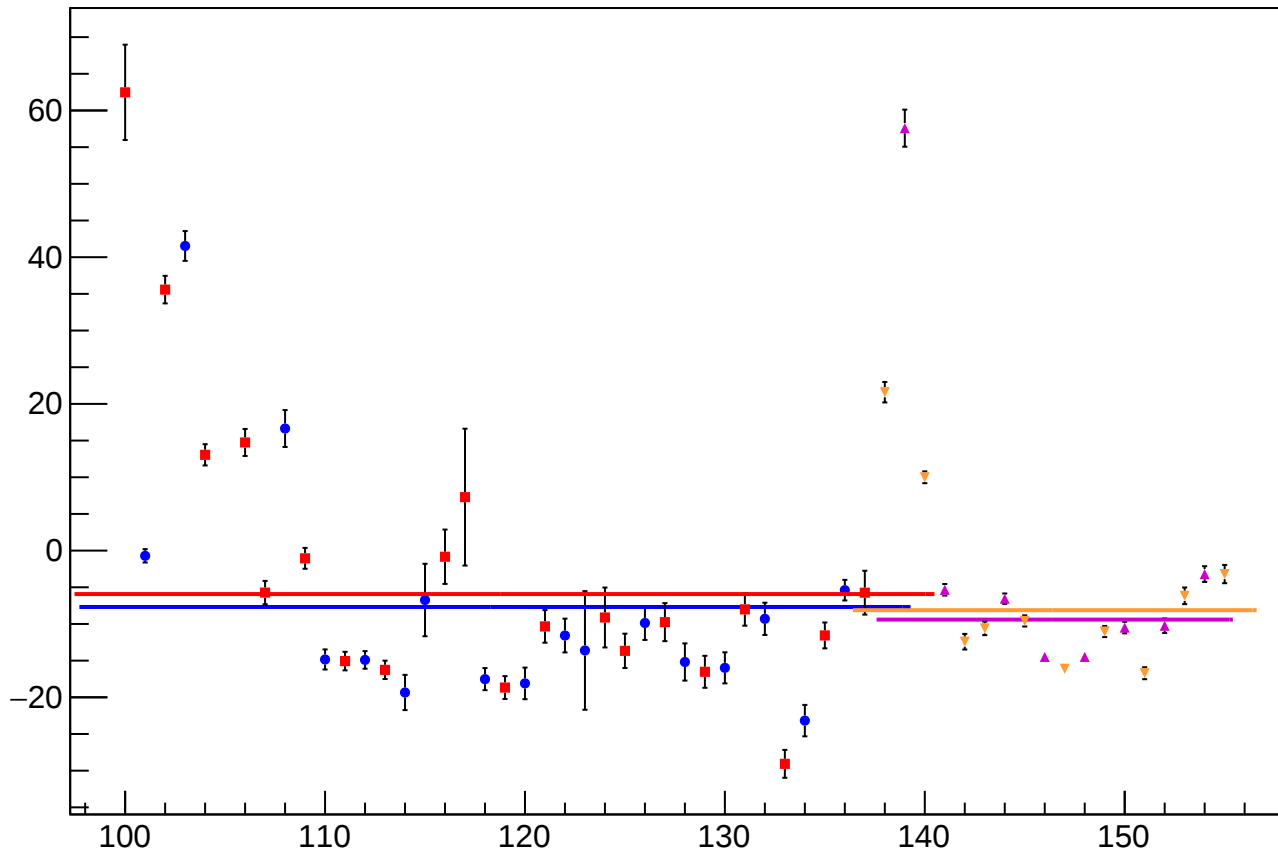
-24.257+/-0.405 χ^2/NDF : 2266.3/9

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

-16.722+/-0.420 χ^2/NDF : 610.3/7

Left In: -16.722+/-0.420 χ^2/NDF : 610.3/7

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.686+/-0.430 χ^2/NDF : 975.9/16

Left Out: -8.122+/-0.277 χ^2/NDF :1292.2/9

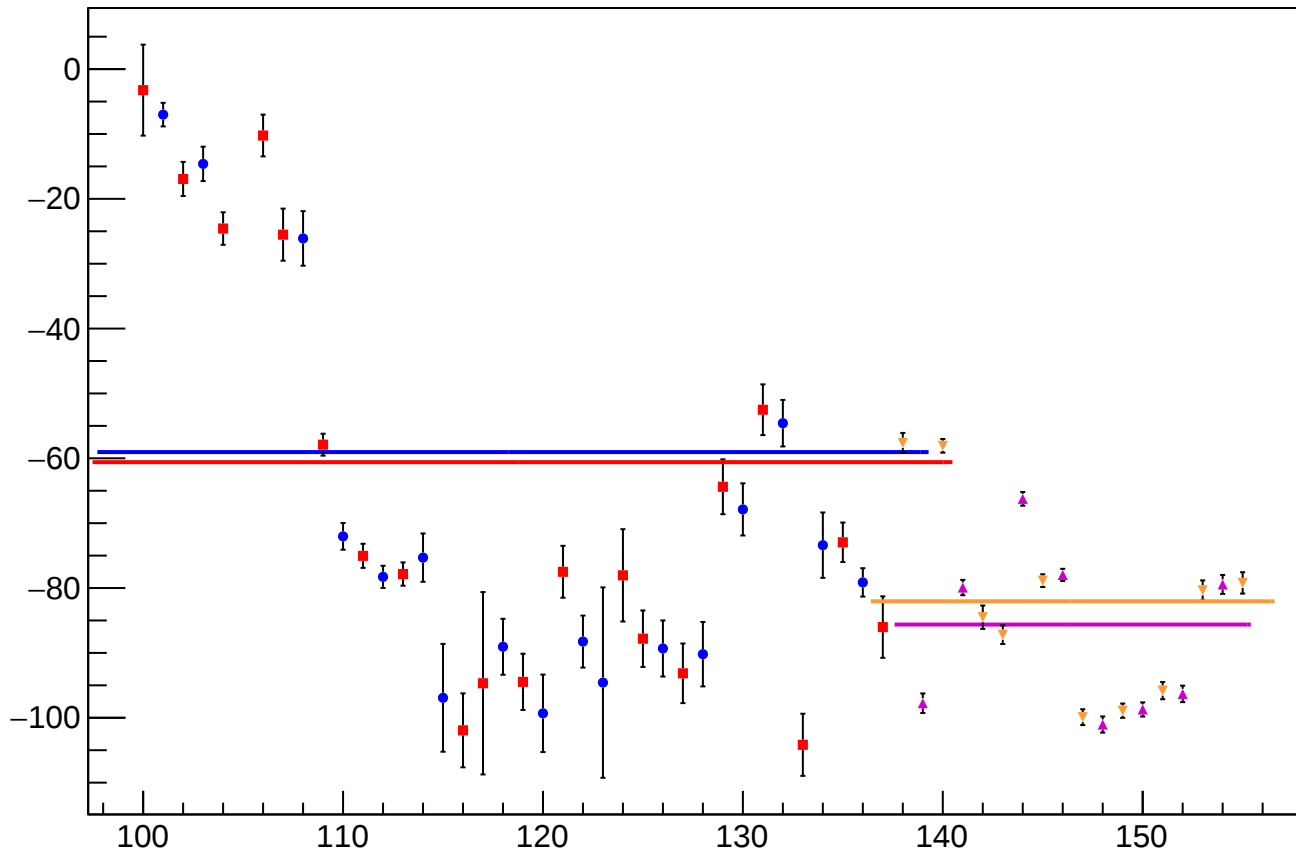
Right Out: -5.925+/-0.428 χ^2/NDF : 1300.1/19

Left In: -9.406+/-0.286 χ^2/NDF :911.1/7

-7.994+/-0.233 χ^2/NDF : 2268.9/26

-8.335+/-0.238 χ^2/NDF : 2256.9/27

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.039 $\pm$ 0.746 χ^2/NDF : 1709.5/16

Left Out: -82.044 $\pm$ 0.408 χ^2/NDF :1356.2/9

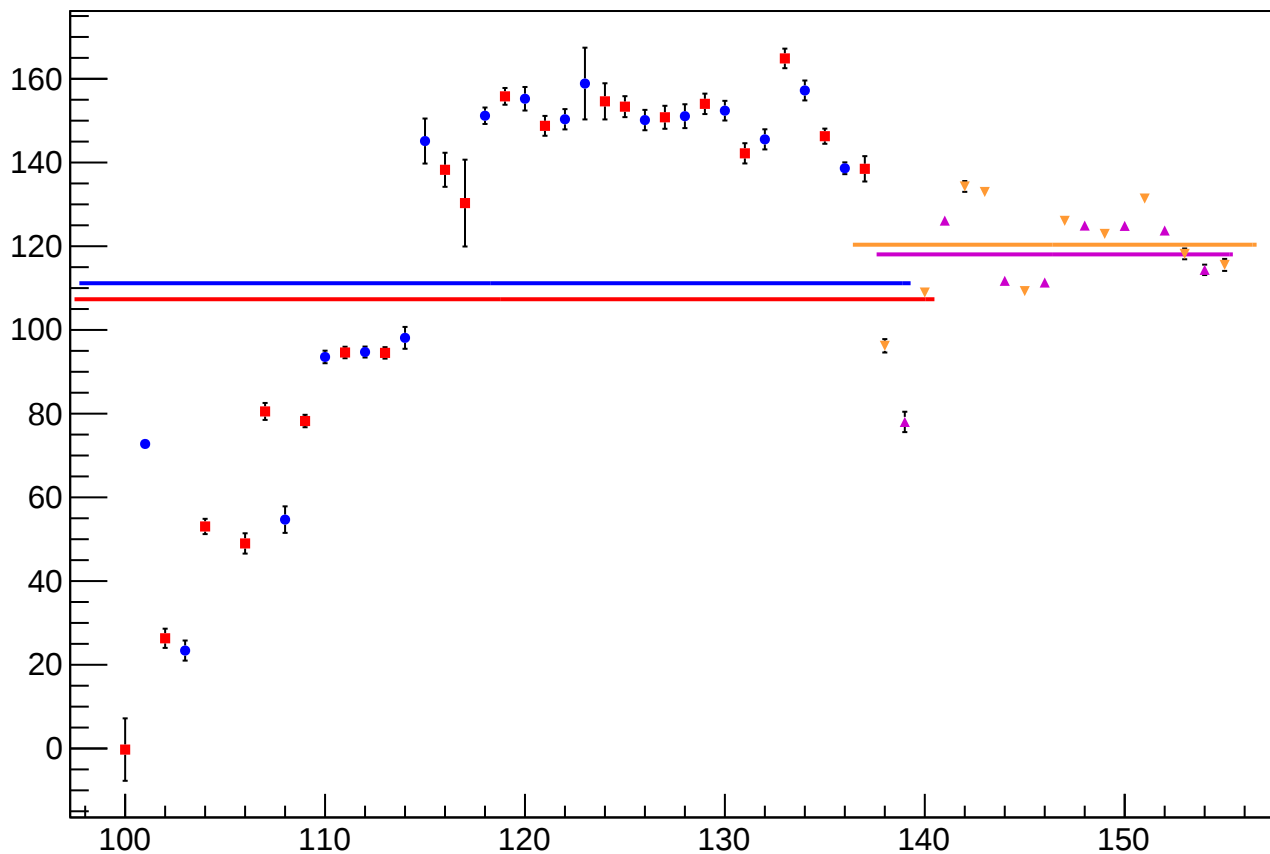
Right Out: -60.593 $\pm$ 0.704 χ^2/NDF : 1390.7/19

Left In: -85.629 $\pm$ 0.417 χ^2/NDF :873.9/7

-76.748 $\pm$ 0.358 χ^2/NDF : 3798.4/26

-79.114 $\pm$ 0.359 χ^2/NDF : 3201.5/27

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.160 $\pm$ 0.489 χ^2 /NDF: 5877.6/16

Left Out: 120.363 $\pm$ 0.339 χ^2 /NDF: 946.8/9

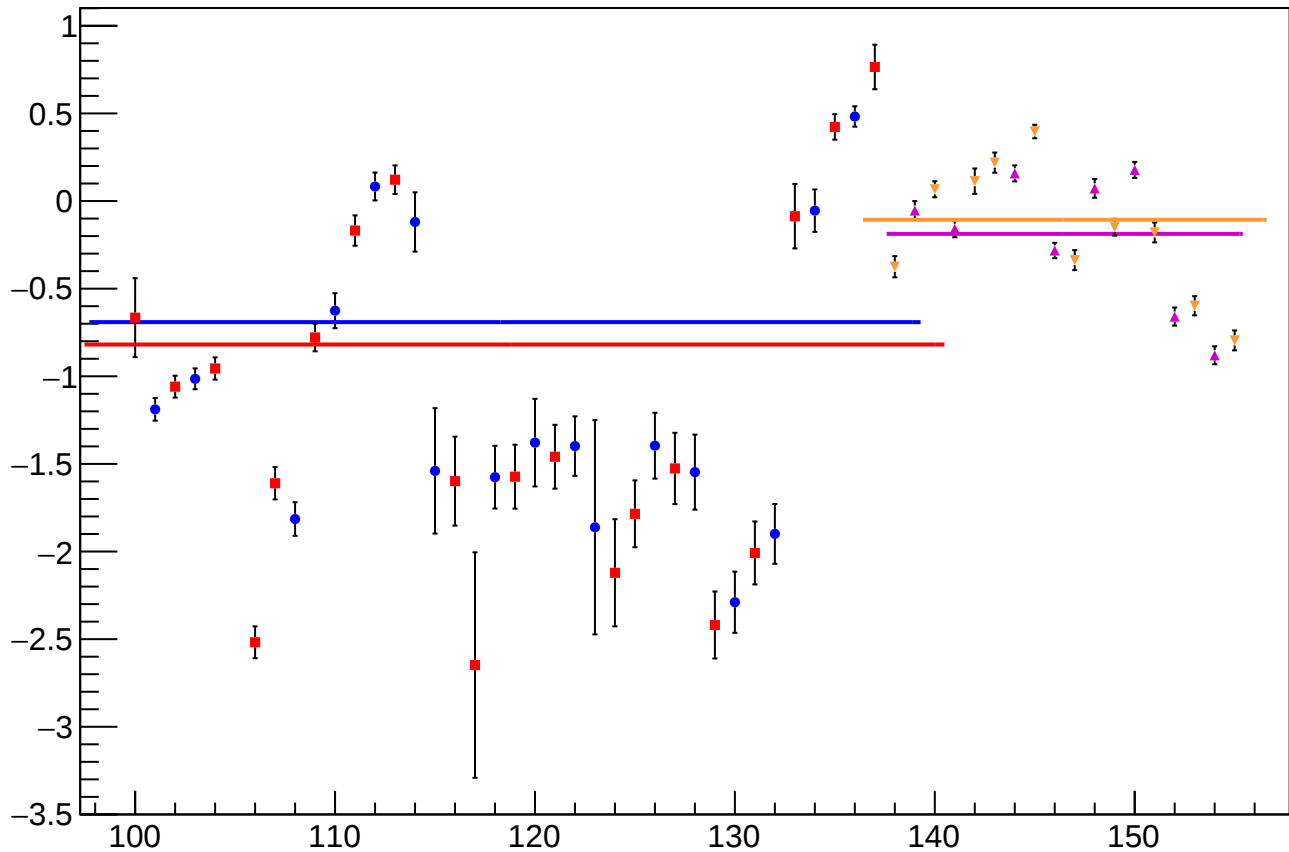
Right Out: 107.334 $\pm$ 0.487 χ^2 /NDF: 7060.0/19

Left In: 118.051 $\pm$ 0.350 χ^2 /NDF: 621.4/7

117.379 $\pm$ 0.278 χ^2 /NDF: 7063.8/26

114.407 $\pm$ 0.284 χ^2 /NDF: 8000.9/27

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.691 ± 0.026 χ^2/NDF : 990.9/16

Left Out: -0.107 ± 0.017 χ^2/NDF : 491.5/9

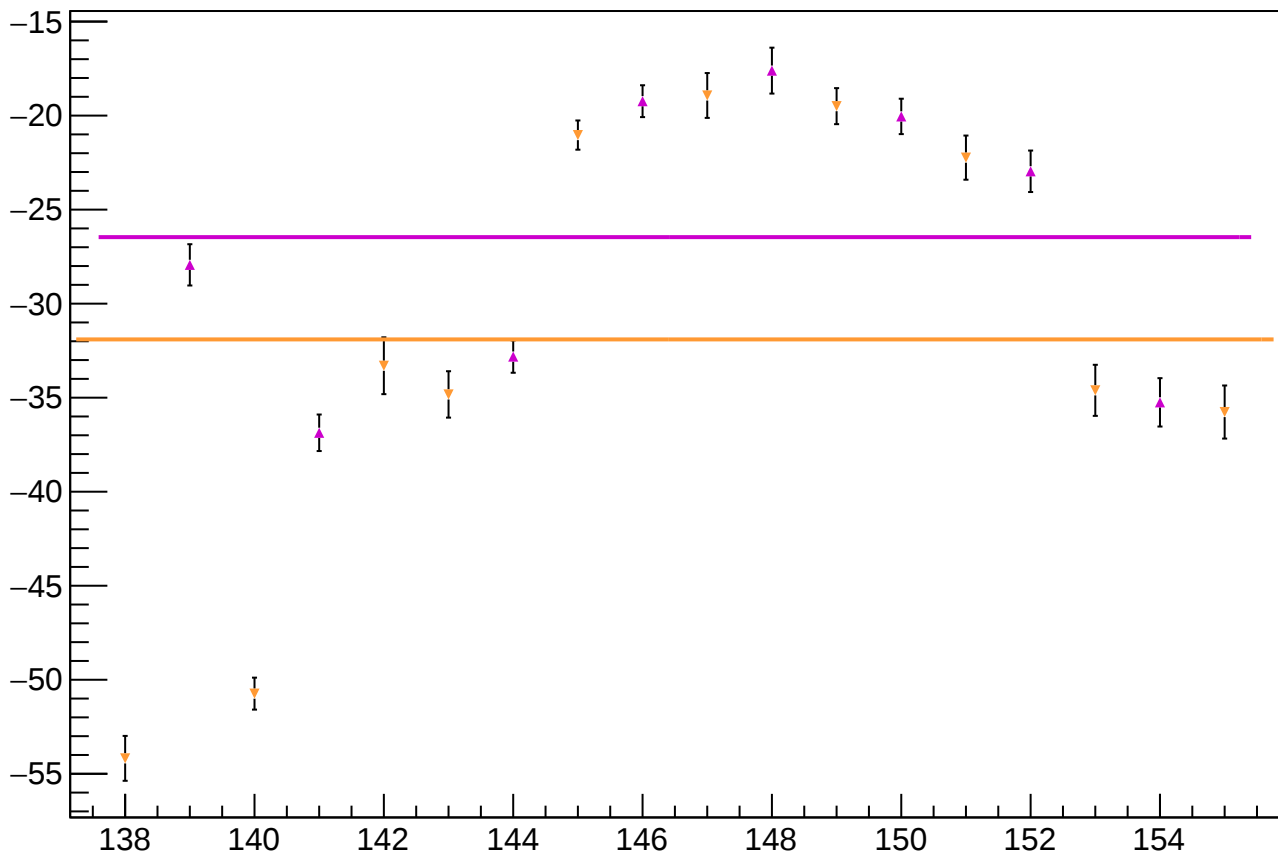
Right Out: -0.819 ± 0.024 χ^2/NDF : 1312.5/19

Left In: -0.187 ± 0.017 χ^2/NDF : 421.3/7

-0.278 ± 0.014 χ^2/NDF : 1843.8/26

-0.398 ± 0.014 χ^2/NDF : 2181.6/27

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.902+/-0.345 χ^2/NDF : 1406.9/9

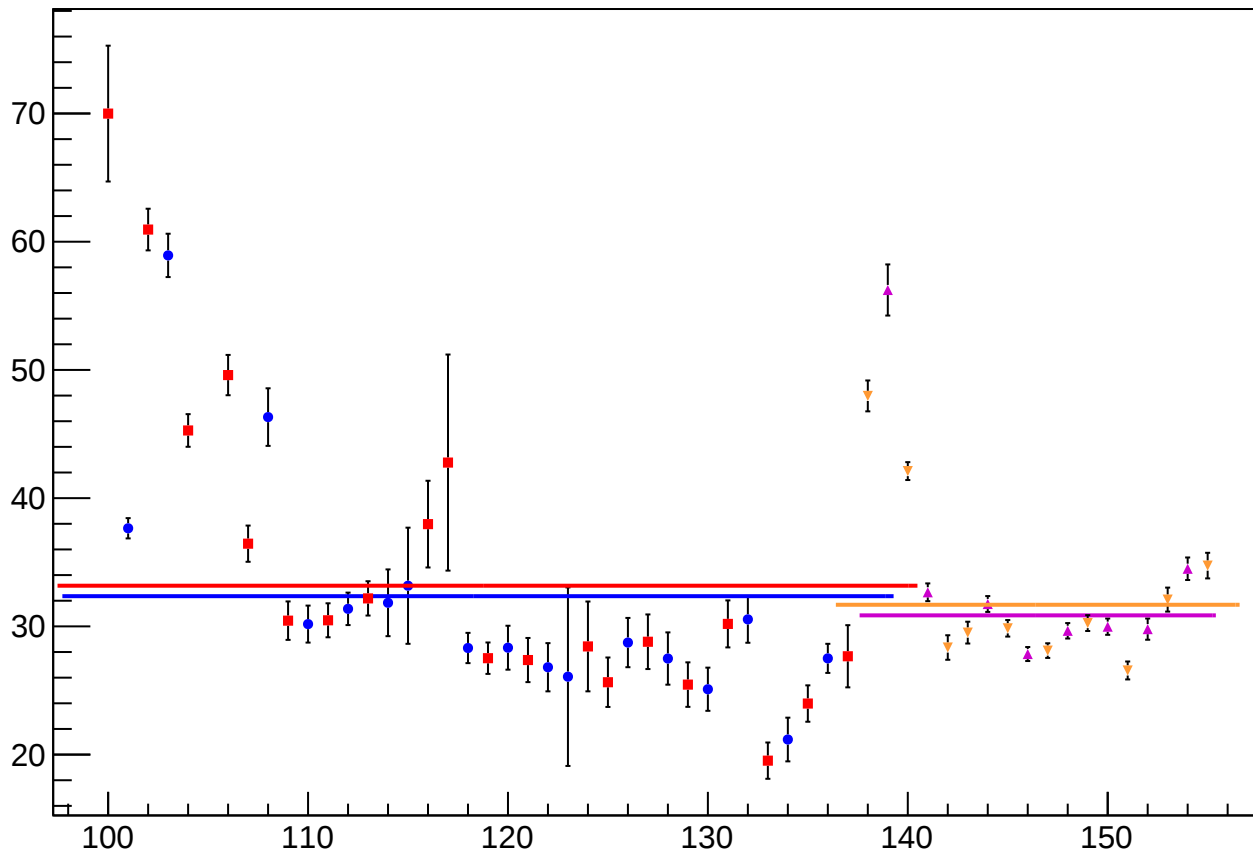
-31.902+/-0.345 χ^2/NDF : 1406.9/9

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

Left In: -26.463+/-0.357 χ^2/NDF : 399.8/7

-26.463+/-0.357 χ^2/NDF : 399.8/7

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.355 ± 0.375 $\chi^2/\text{NDF}: 450.5/16$

Left Out: 31.685 ± 0.239 $\chi^2/\text{NDF}: 540.7/9$

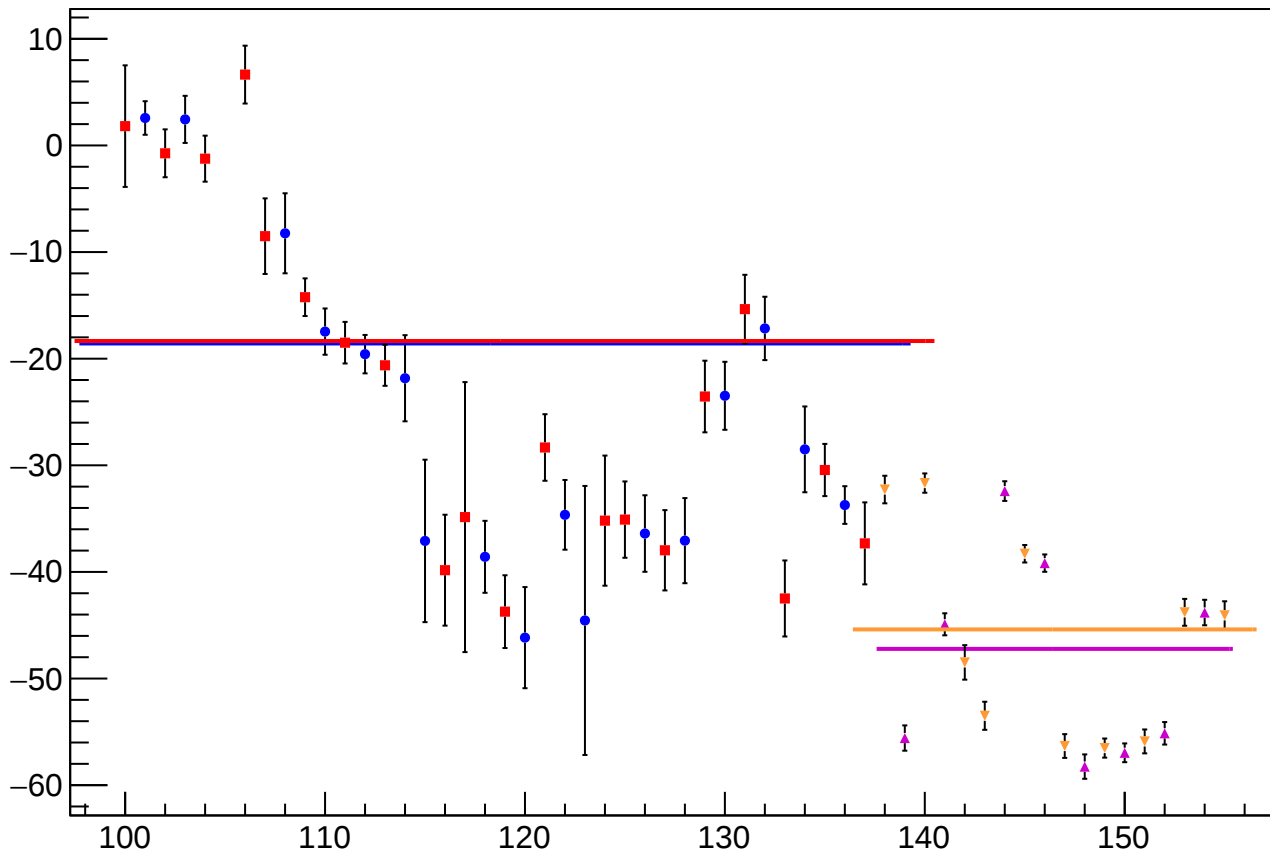
Right Out: 33.172 ± 0.378 $\chi^2/\text{NDF}: 773.3/19$

Left In: 30.859 ± 0.248 $\chi^2/\text{NDF}: 226.0/7$

31.878 ± 0.202 $\chi^2/\text{NDF}: 993.5/26$

31.553 ± 0.207 $\chi^2/\text{NDF}: 1025.4/27$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.572±0.667 χ^2/NDF : 511.5/16

Left Out: -45.392±0.347 χ^2/NDF : 790.2/9

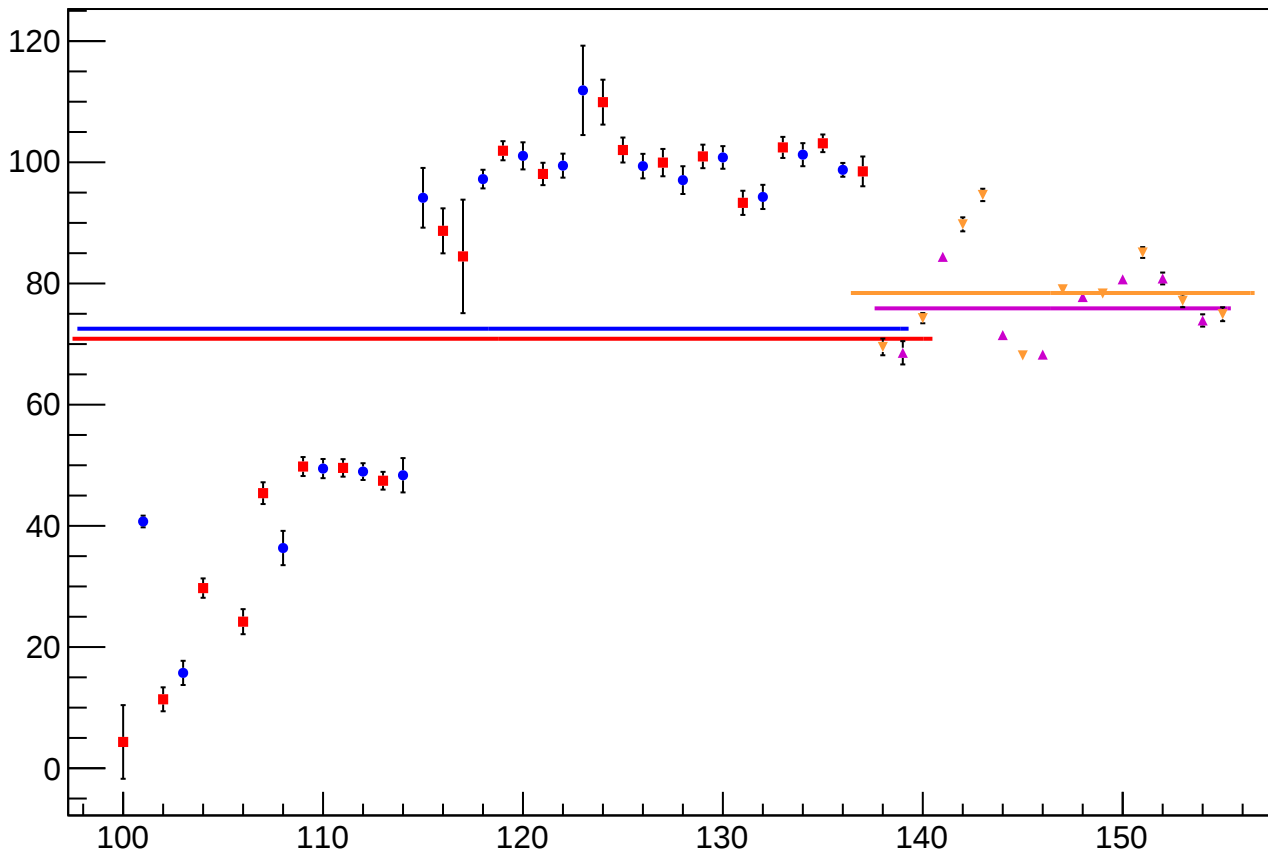
Right Out: -18.343±0.643 χ^2/NDF : 475.1/19

Left In: -47.220±0.354 χ^2/NDF : 690.0/7

-39.693±0.308 χ^2/NDF : 2573.1/26

-40.506±0.310 χ^2/NDF : 2713.0/27

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.537+/-0.428 χ^2/NDF : 4684.1/16

Left Out: 78.431+/-0.291 χ^2/NDF : 674.8/9

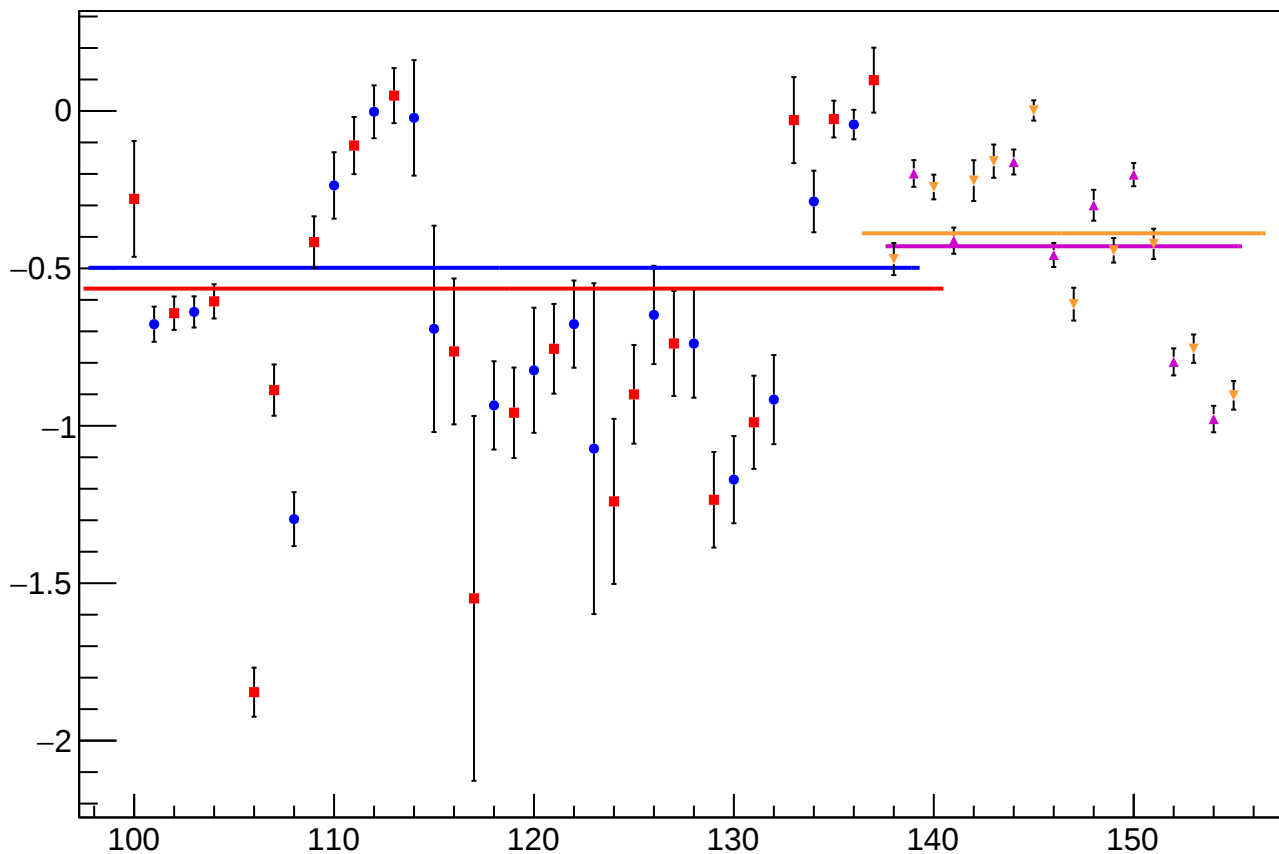
Right Out: 70.878+/-0.433 χ^2/NDF : 5502.3/19

Left In: 75.895+/-0.301 χ^2/NDF : 359.5/7

76.570+/-0.241 χ^2/NDF : 5488.5/26

74.262+/-0.247 χ^2/NDF : 5952.5/27

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498 ± 0.022 χ^2/NDF : 302.8/16

Left Out: -0.389 ± 0.014 χ^2/NDF : 404.7/9

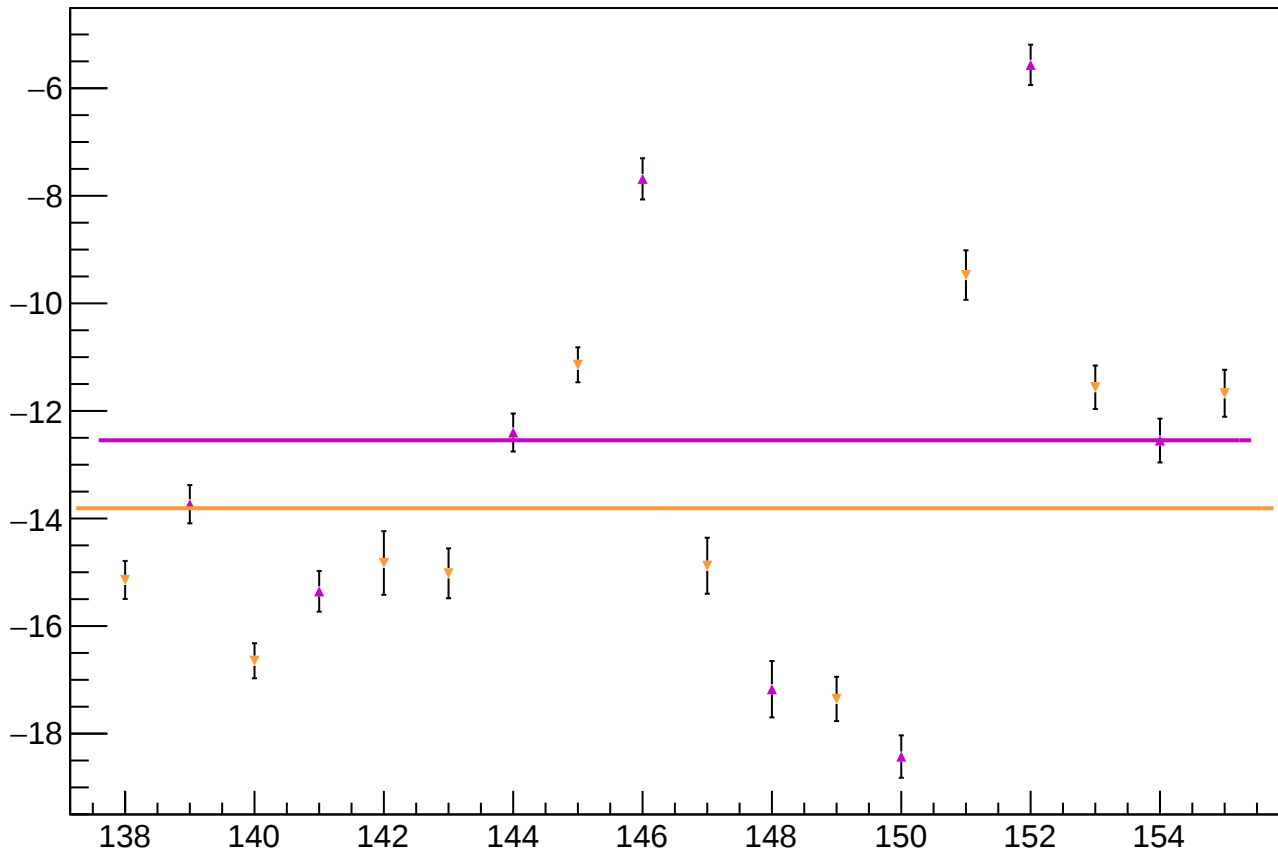
Right Out: -0.564 ± 0.021 χ^2/NDF : 563.6/19

Left In: -0.430 ± 0.015 χ^2/NDF : 366.1/7

-0.420 ± 0.012 χ^2/NDF : 724.7/26

-0.472 ± 0.012 χ^2/NDF : 956.8/27

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: -13.810 ± 0.129 χ^2/NDF : 389.5/9

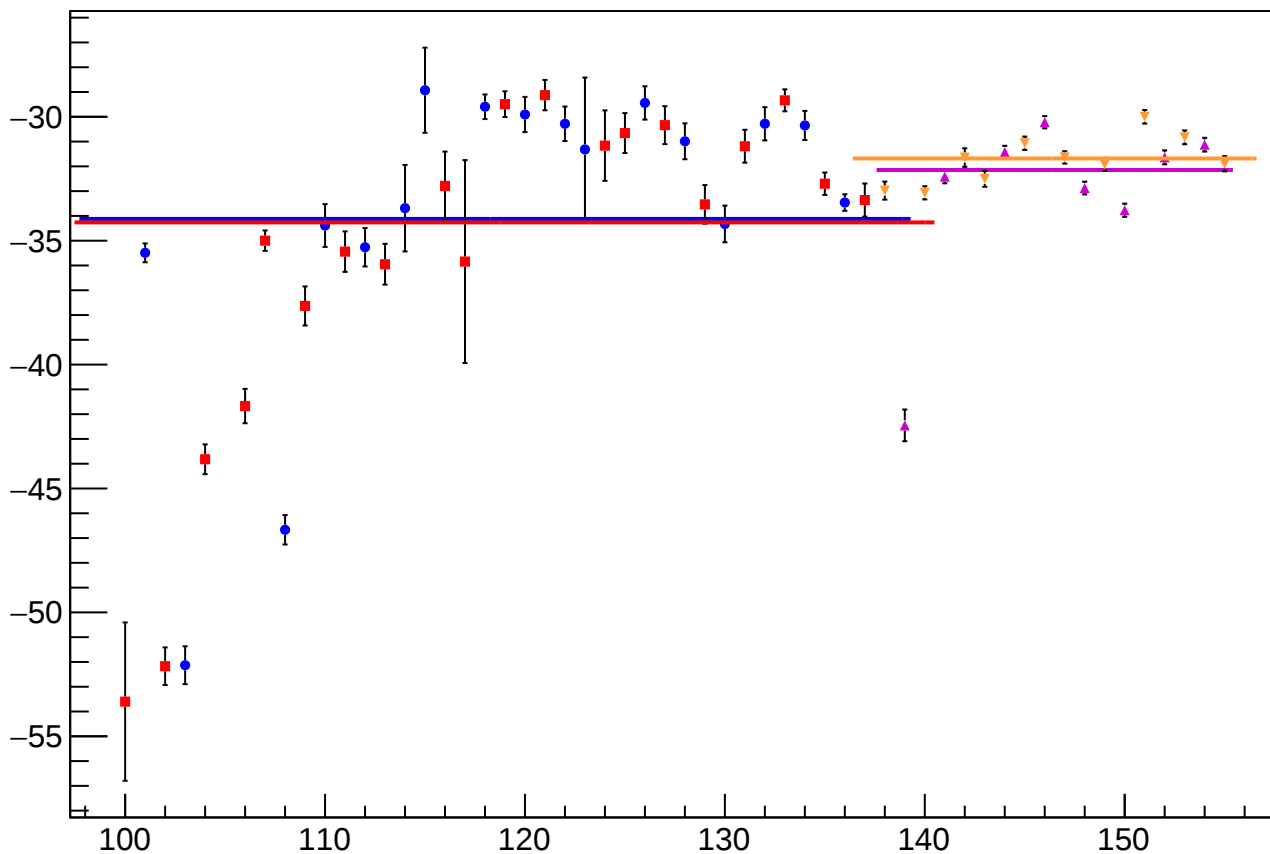
-13.810 ± 0.129 χ^2/NDF : 389.5/9

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

Left In: -12.546 ± 0.137 χ^2/NDF : 873.4/7

-12.546 ± 0.137 χ^2/NDF : 873.4/7

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.122 $\pm$ 0.152 χ^2/NDF : 1322.4/16

Left Out: -31.682 $\pm$ 0.092 χ^2/NDF : 99.6/9

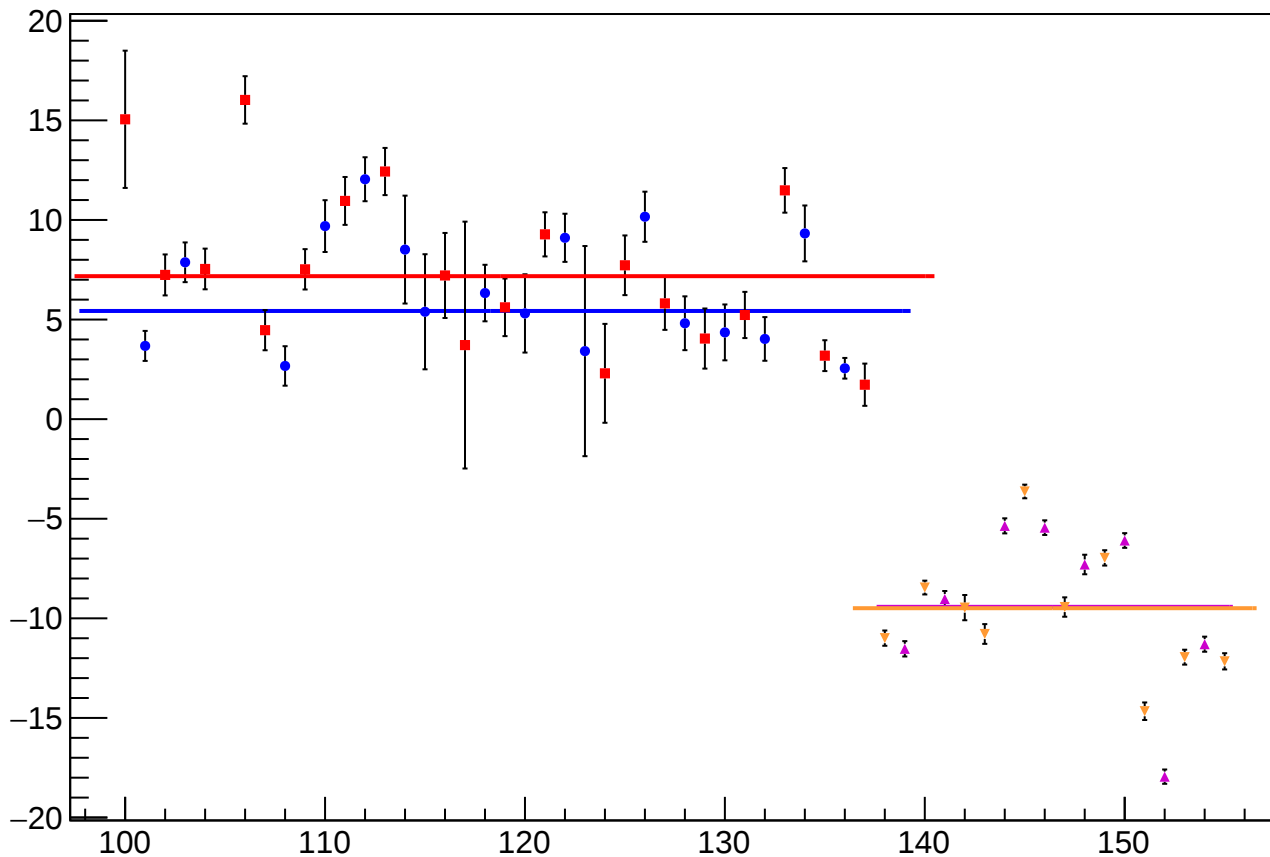
Right Out: -34.262 $\pm$ 0.151 χ^2/NDF : 1355.1/19

Left In: -32.146 $\pm$ 0.099 χ^2/NDF : 391.0/7

-32.333 $\pm$ 0.078 χ^2/NDF : 1611.4/26

-32.781 $\pm$ 0.083 χ^2/NDF : 1883.9/27

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: -9.491+/-0.130 χ^2/NDF : 590.0/9

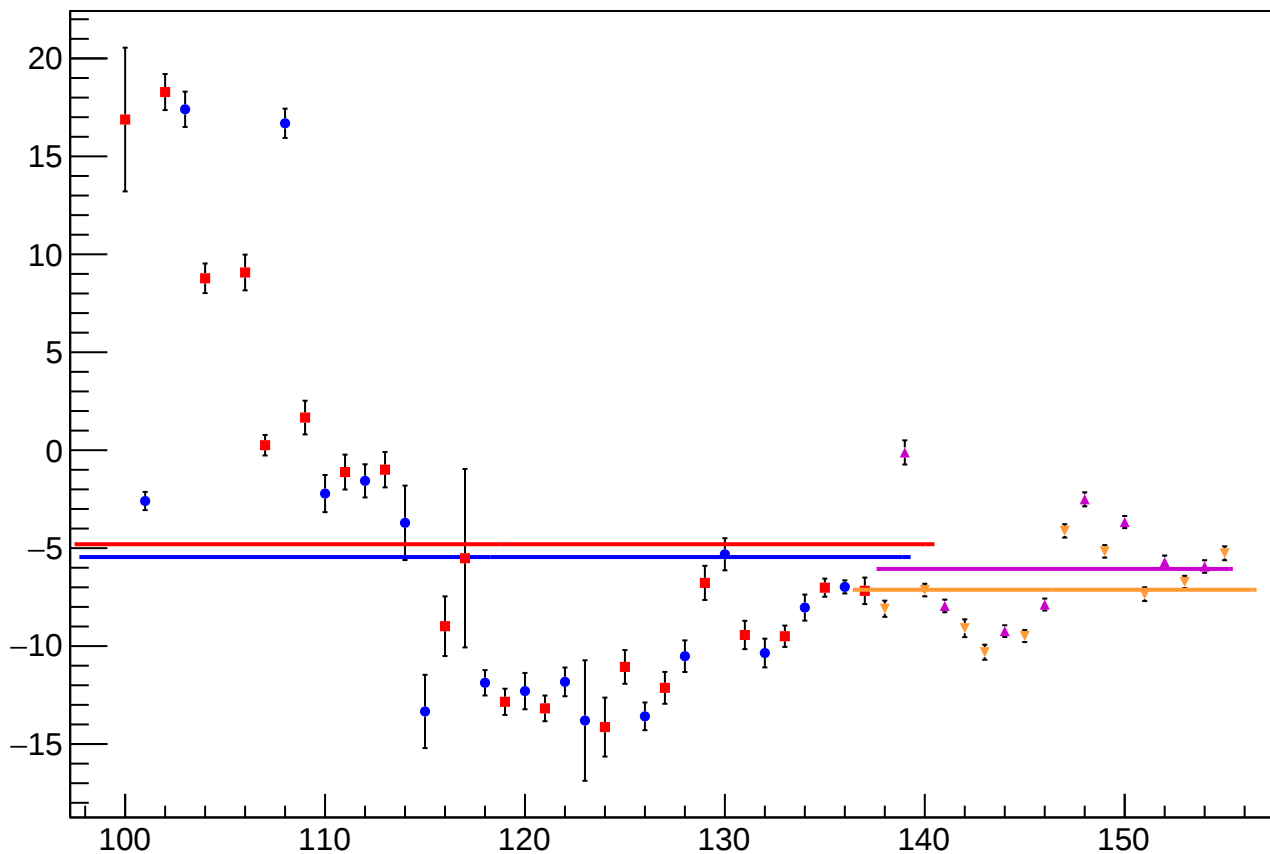
Right Out: 7.178+/-0.274 χ^2/NDF : 182.4/19

Left In: -9.423+/-0.137 χ^2/NDF : 951.6/7

-6.701+/-0.117 χ^2/NDF : 3198.1/26

-6.118+/-0.122 χ^2/NDF : 4070.3/27

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: -7.125 ± 0.110 χ^2/NDF : 295.8/9

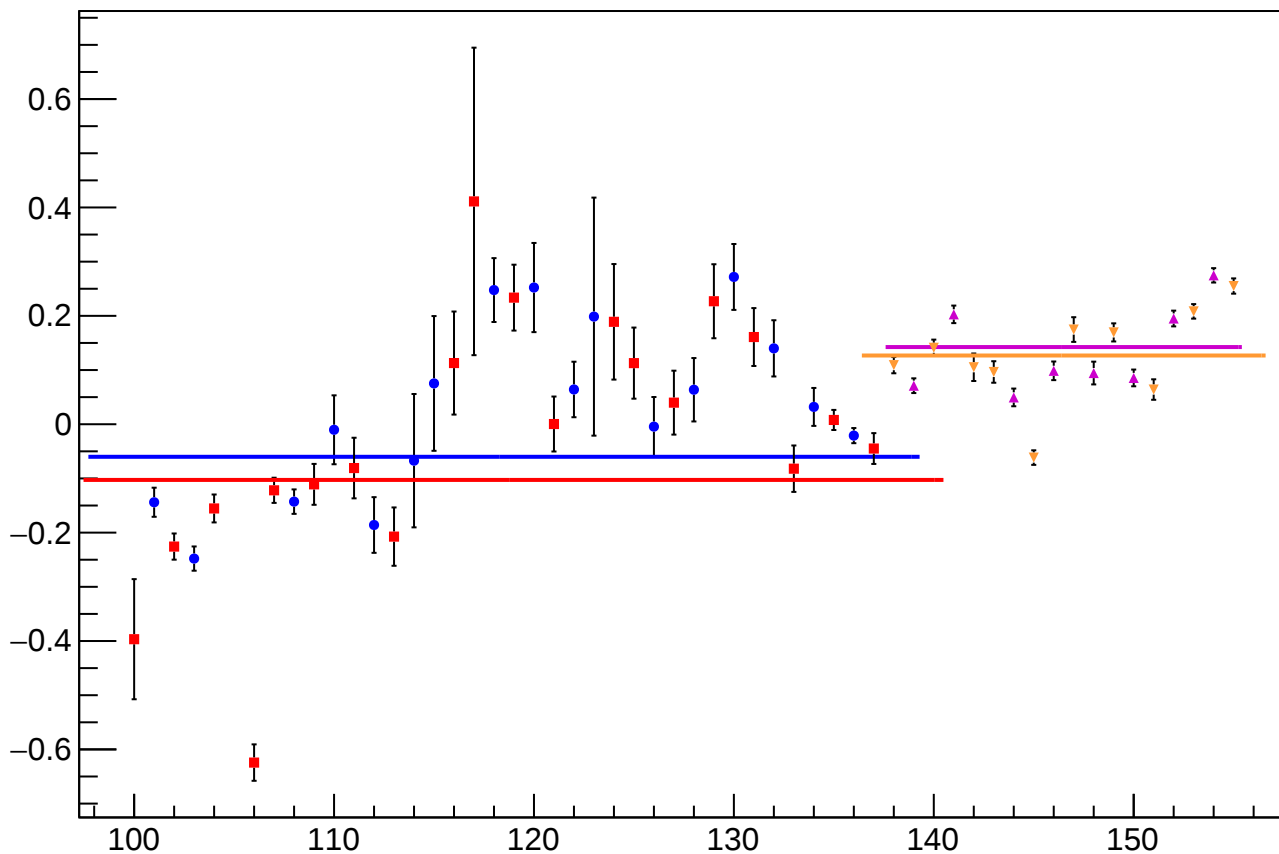
Right Out: -4.799 ± 0.173 χ^2/NDF : 2047.5/19

Left In: -6.062 ± 0.119 χ^2/NDF : 434.3/7

-6.633 ± 0.093 χ^2/NDF : 2459.7/26

-5.658 ± 0.098 χ^2/NDF : 2518.1/27

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: 0.127 ± 0.005 χ^2/NDF : 343.4/9

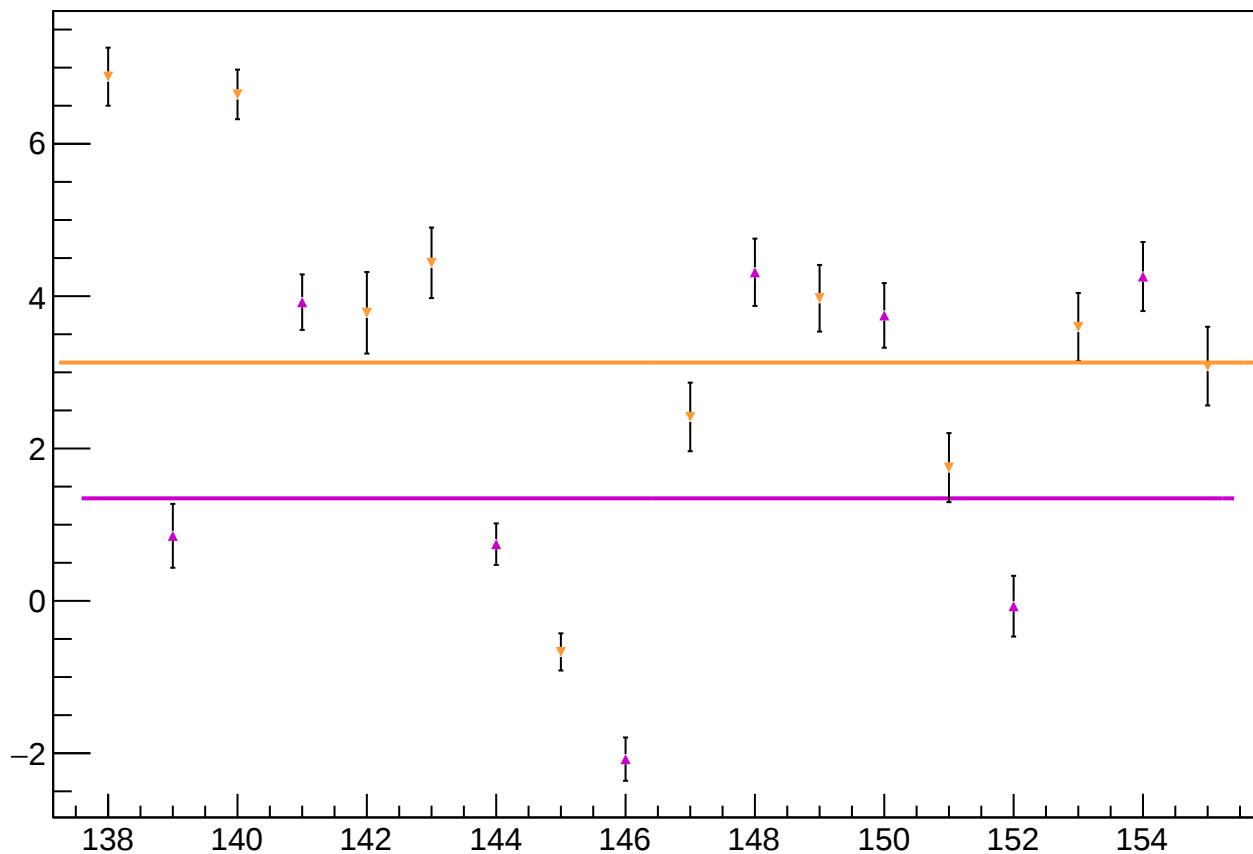
Right Out: -0.103 ± 0.008 χ^2/NDF : 437.6/19

Left In: 0.142 ± 0.005 χ^2/NDF : 211.6/7

0.076 ± 0.004 χ^2/NDF : 917.7/26

0.070 ± 0.005 χ^2/NDF : 1243.0/27

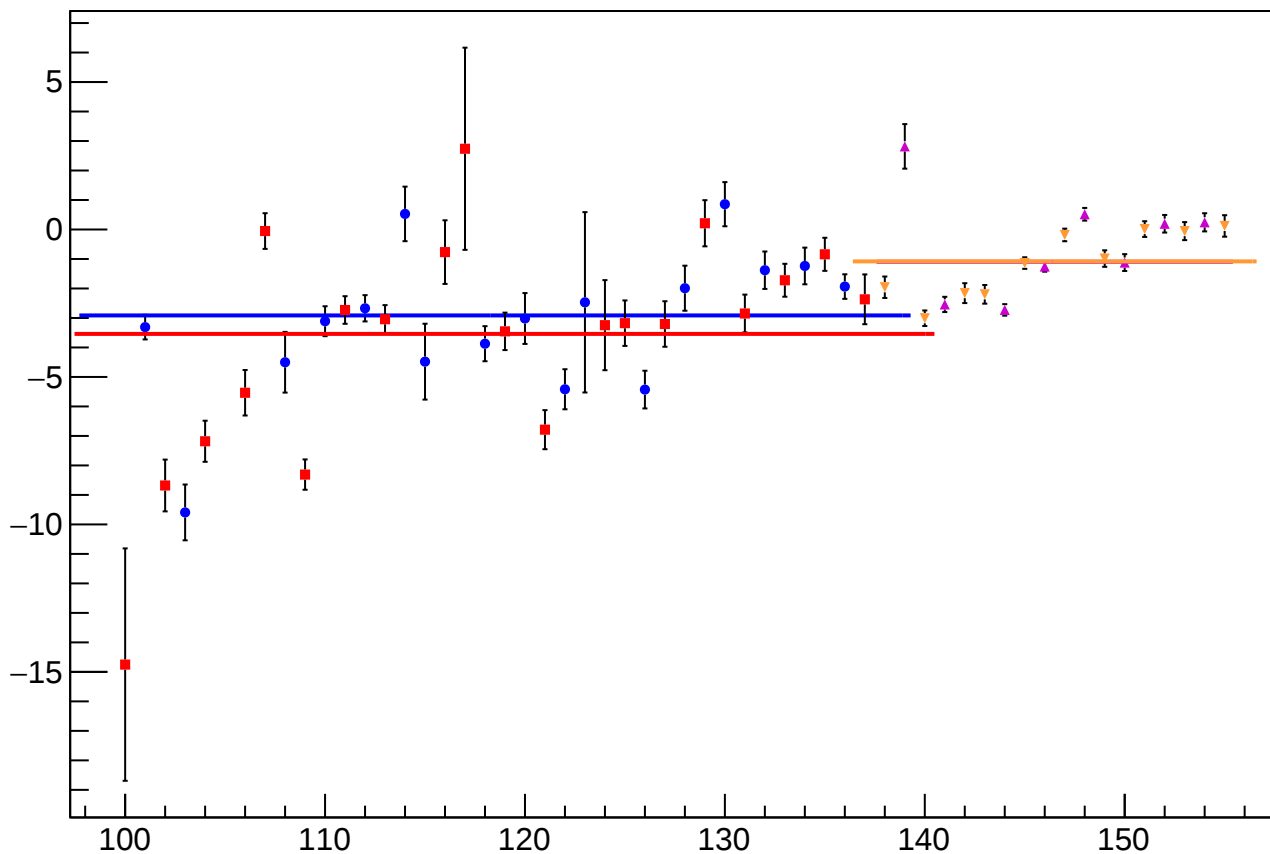
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.128 $\pm$ 0.124 χ^2 /NDF:482.8/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.346 $\pm$ 0.128 χ^2 /NDF:332.0/7

3.128 $\pm$ 0.124 χ^2 /NDF: 482.8/9
 1.346 $\pm$ 0.128 χ^2 /NDF: 332.0/7

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.914 ± 0.155 $\chi^2/\text{NDF}: 146.1/16$

Left Out: -1.082 ± 0.087 $\chi^2/\text{NDF}: 138.6/9$

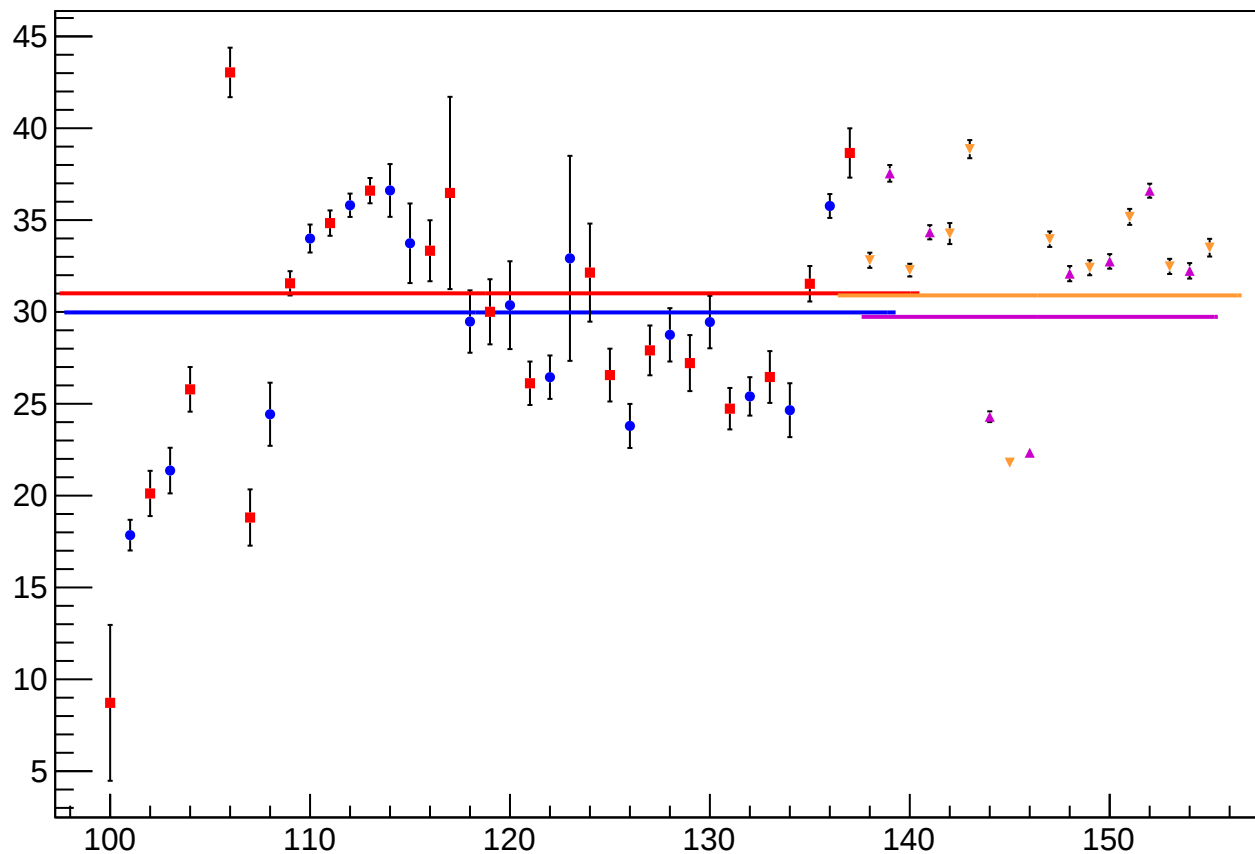
Right Out: -3.540 ± 0.154 $\chi^2/\text{NDF}: 294.2/19$

Left In: -1.095 ± 0.087 $\chi^2/\text{NDF}: 222.6/7$

-1.518 ± 0.076 $\chi^2/\text{NDF}: 391.4/26$

-1.686 ± 0.076 $\chi^2/\text{NDF}: 706.9/27$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.972 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 30.899 ± 0.126 $\chi^2/\text{NDF}: 1768.1/9$

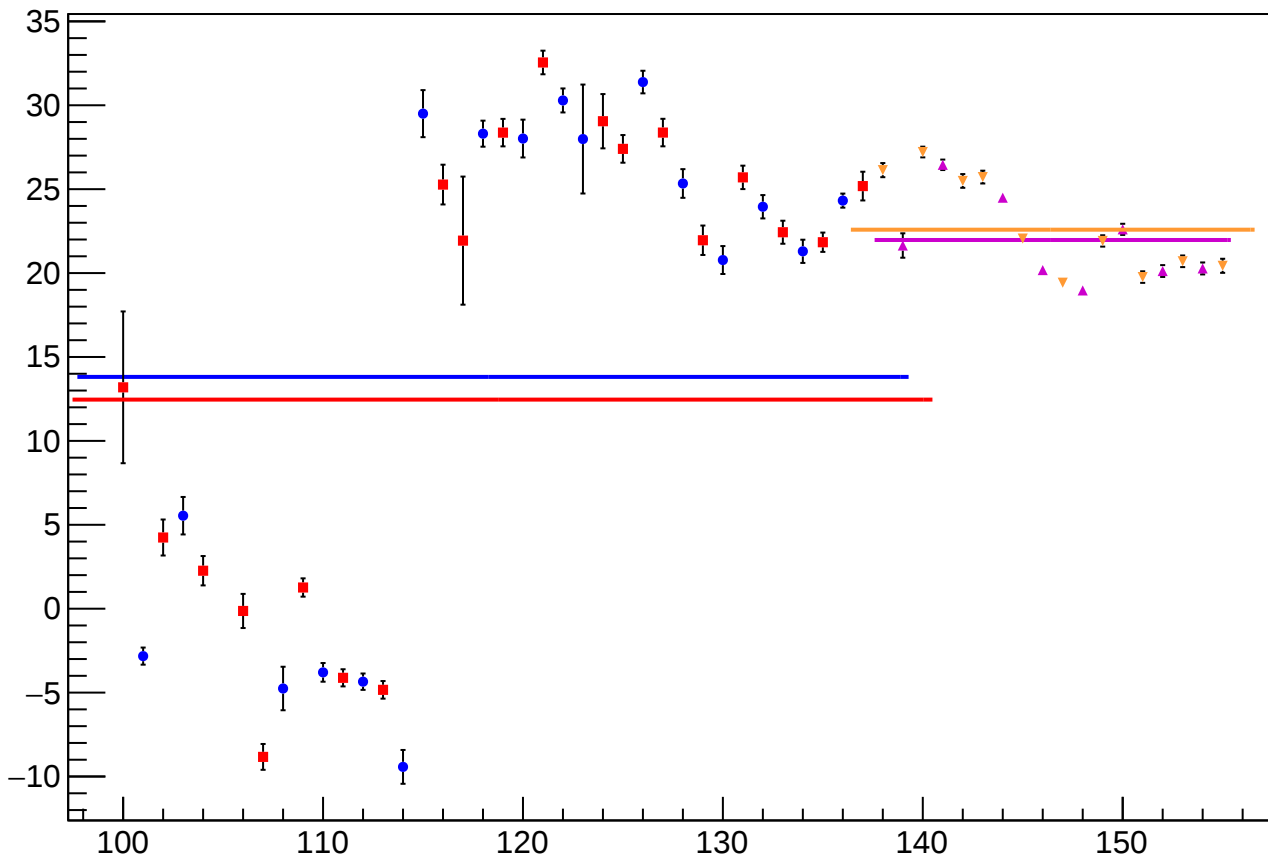
Right Out: 31.013 ± 0.260 $\chi^2/\text{NDF}: 480.6/19$

Left In: 29.732 ± 0.128 $\chi^2/\text{NDF}: 1967.4/7$

30.731 ± 0.114 $\chi^2/\text{NDF}: 2332.2/26$

29.981 ± 0.115 $\chi^2/\text{NDF}: 2467.6/27$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.813 $\pm$ 0.173 χ^2 /NDF: 7318.6/16

Left Out: 22.586 $\pm$ 0.105 χ^2 /NDF: 646.0/9

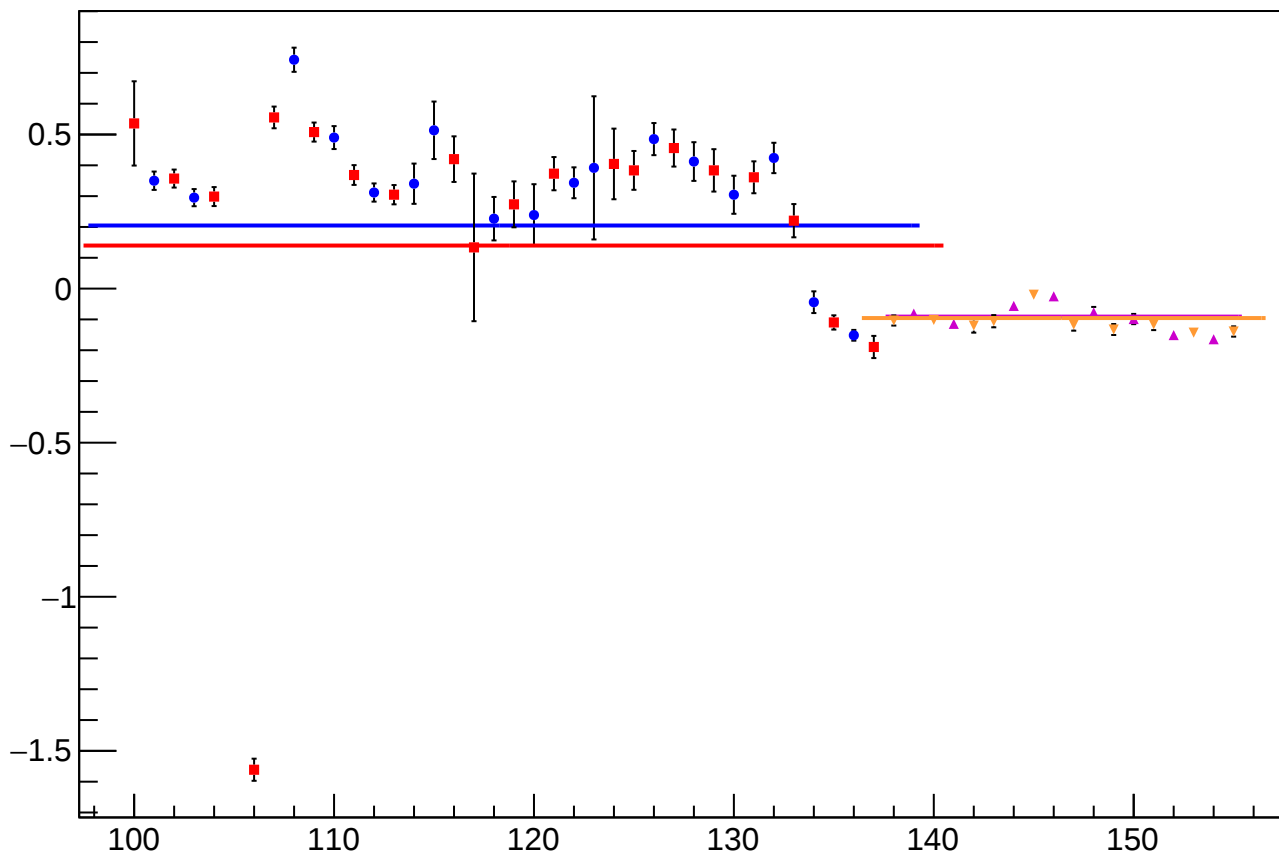
Right Out: 12.460 $\pm$ 0.174 χ^2 /NDF: 6976.5/19

Left In: 21.972 $\pm$ 0.107 χ^2 /NDF: 545.8/7

20.212 $\pm$ 0.090 χ^2 /NDF: 9847.4/26

19.358 $\pm$ 0.091 χ^2 /NDF: 9700.8/27

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: -0.096 ± 0.005 χ^2/NDF : 81.0/9

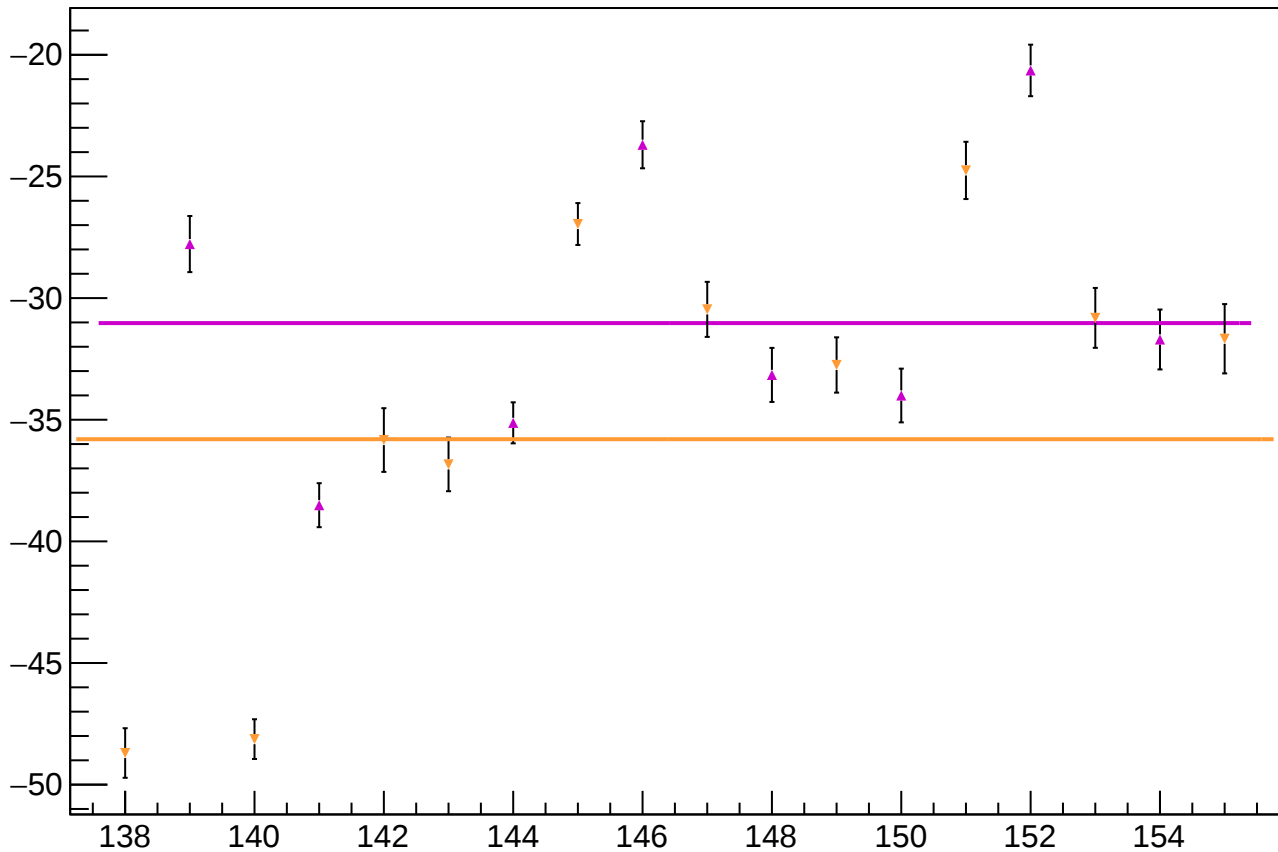
Right Out: 0.140 ± 0.009 χ^2/NDF : 3014.2/19

Left In: -0.091 ± 0.005 χ^2/NDF : 77.6/7

-0.028 ± 0.004 χ^2/NDF : 1720.9/26

-0.034 ± 0.005 χ^2/NDF : 3564.5/27

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: -35.800+/-0.340 χ^2/NDF : 637.1/9

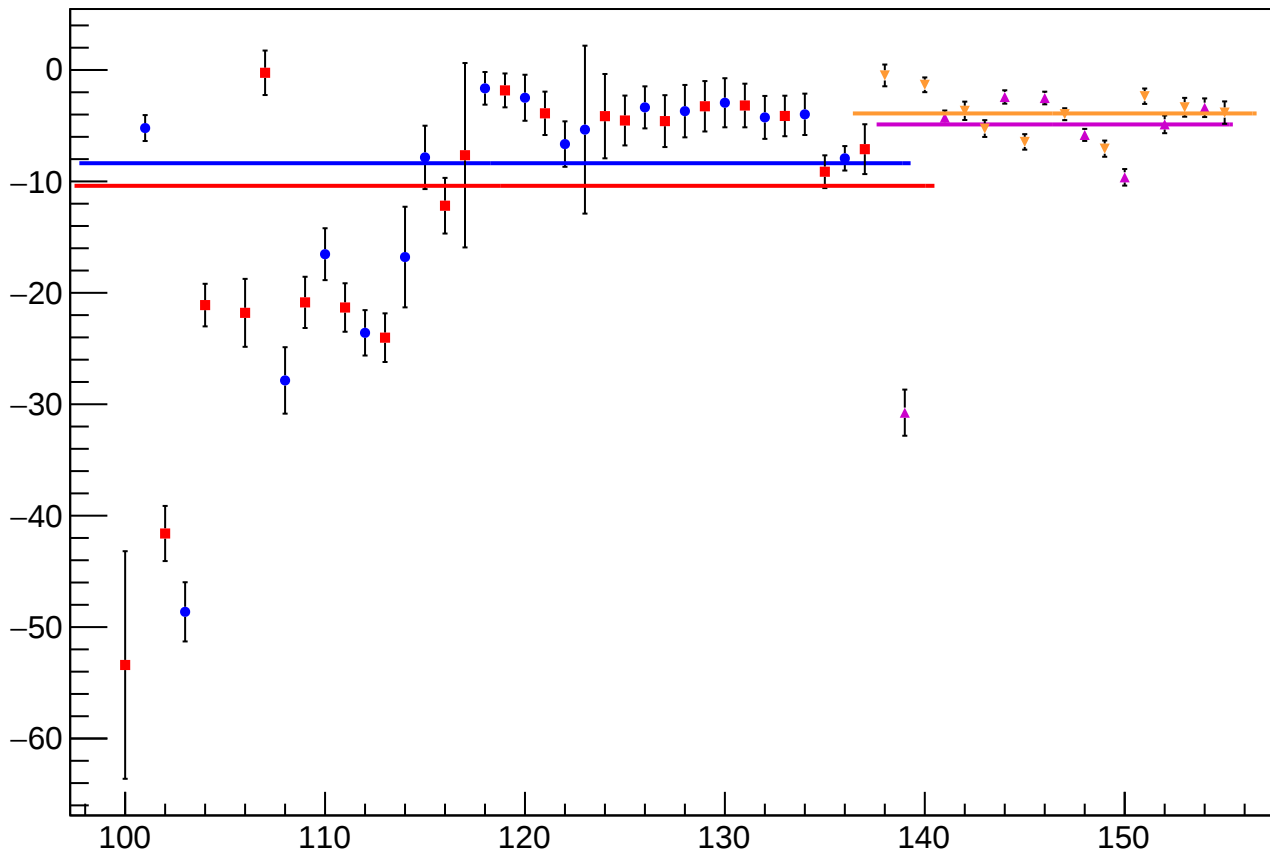
-35.800+/-0.340 χ^2/NDF : 637.1/9

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

-31.027+/-0.362 χ^2/NDF : 265.0/7

Left In: -31.027+/-0.362 χ^2/NDF : 265.0/7

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: -3.900 ± 0.233 χ^2/NDF : 68.5/9

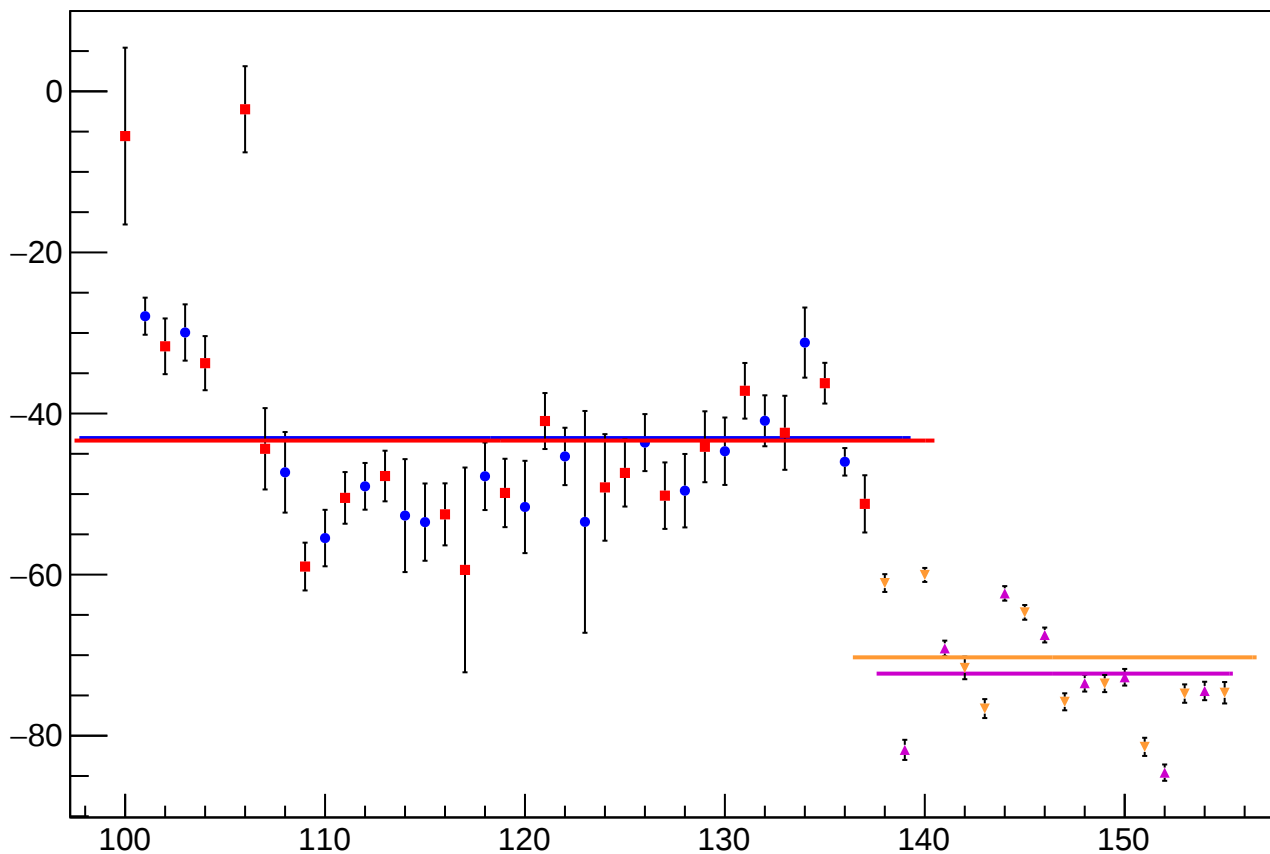
Right Out: -10.396 ± 0.490 χ^2/NDF : 430.4/19

Left In: -4.887 ± 0.244 χ^2/NDF : 238.3/7

-4.791 ± 0.208 χ^2/NDF : 550.8/26

-5.981 ± 0.218 χ^2/NDF : 769.9/27

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: -70.270±/0.344 χ^2/NDF : 435.9/9

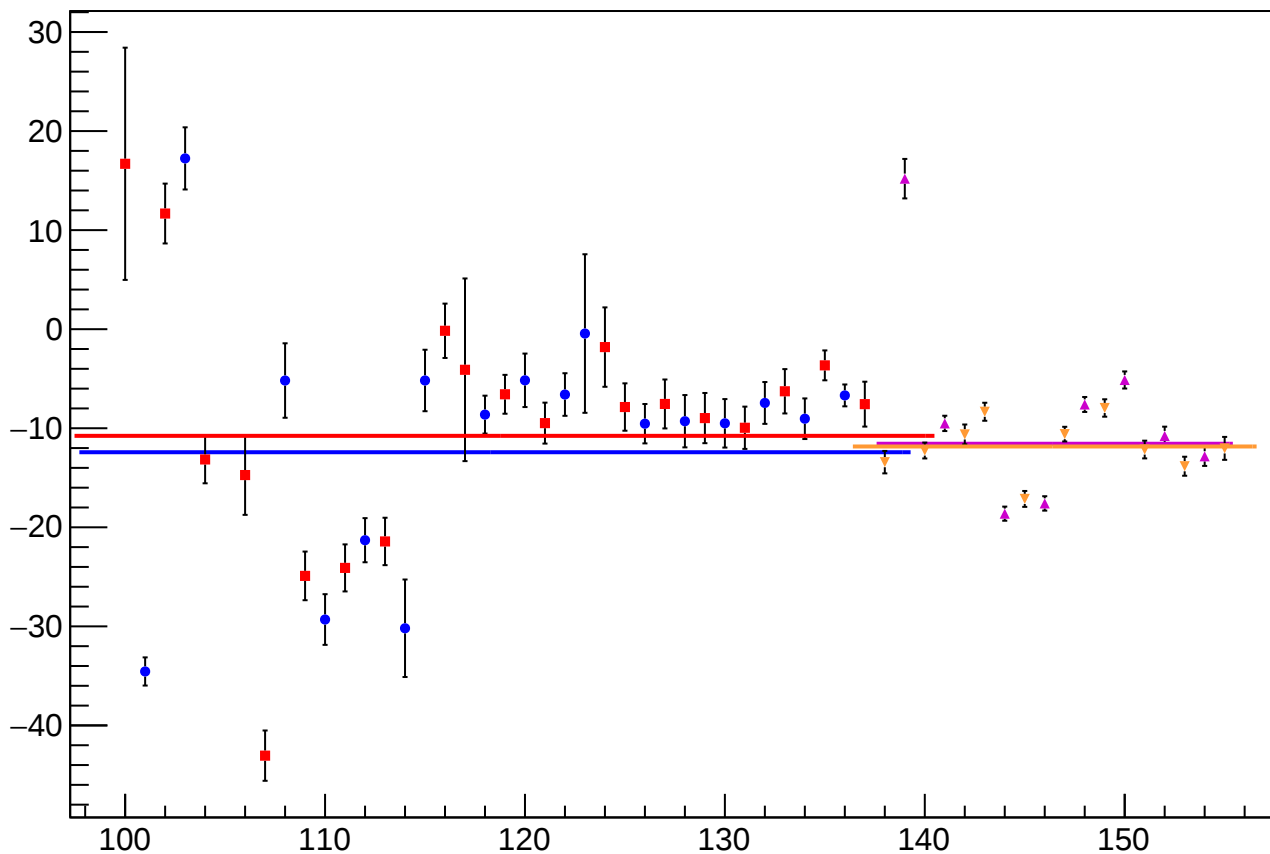
Right Out: -43.357±/0.865 χ^2/NDF : 156.0/19

Left In: -72.291±/0.360 χ^2/NDF : 368.9/7

-66.346±/0.318 χ^2/NDF : 1439.6/26

-68.020±/0.332 χ^2/NDF : 1478.2/27

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.421+/-0.523 χ^2/NDF : 474.4/16

Left Out: -11.841+/-0.285 χ^2/NDF : 88.9/9

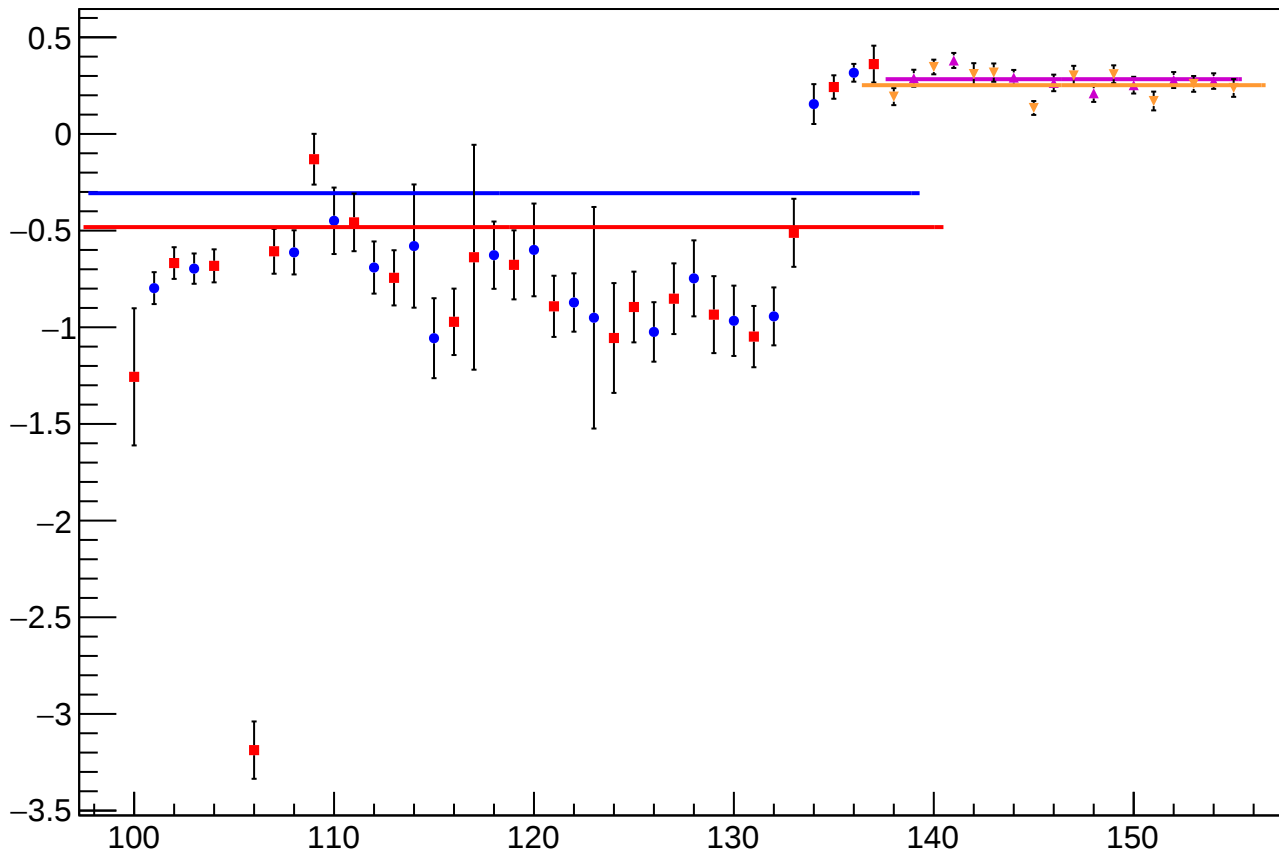
Right Out: -10.766+/-0.553 χ^2/NDF : 366.3/19

Left In: -11.565+/-0.300 χ^2/NDF : 439.7/7

-11.974+/-0.250 χ^2/NDF : 564.2/26

-11.383+/-0.264 χ^2/NDF : 807.7/27

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.306 ± 0.028 χ^2/NDF : 371.7/16

Left Out: 0.252 ± 0.014 χ^2/NDF : 27.2/9

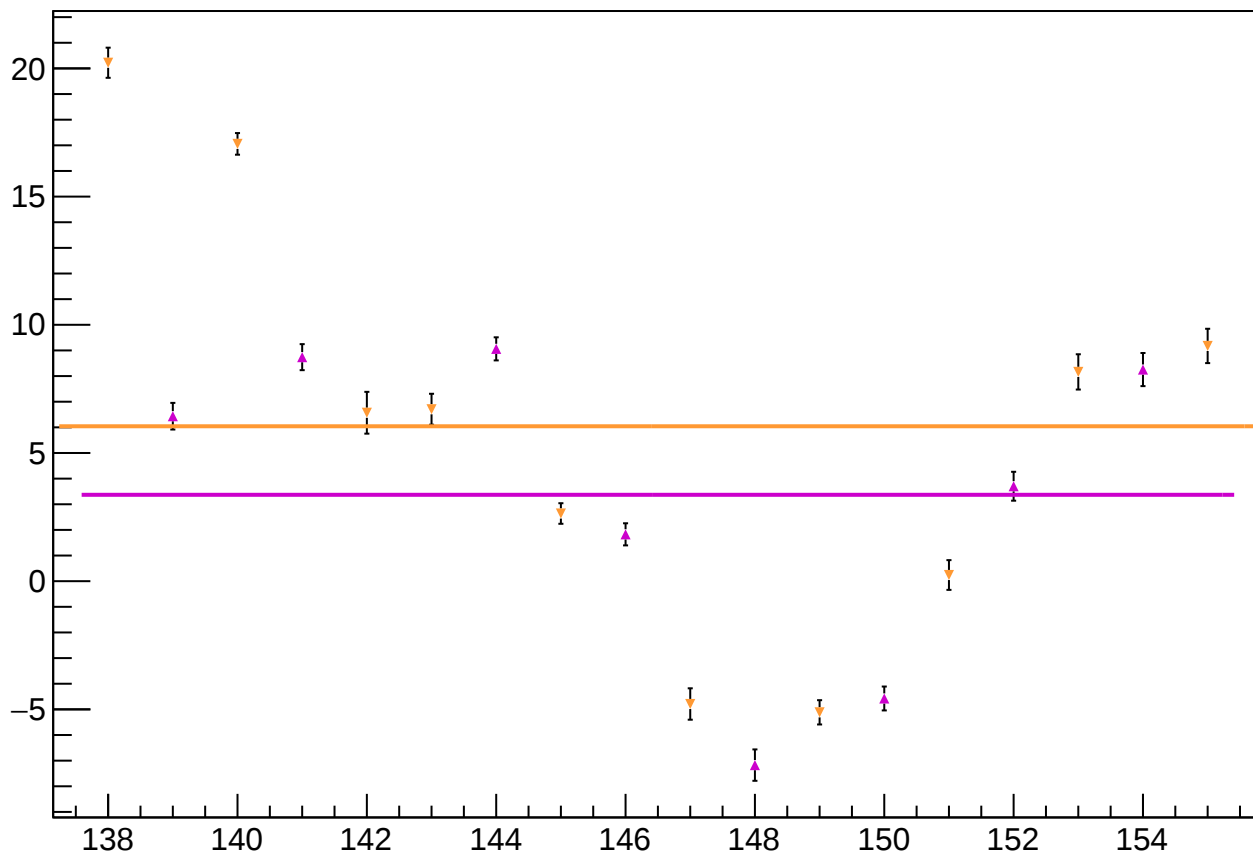
Right Out: -0.482 ± 0.029 χ^2/NDF : 628.3/19

Left In: 0.283 ± 0.015 χ^2/NDF : 9.7/7

0.138 ± 0.012 χ^2/NDF : 725.5/26

0.123 ± 0.013 χ^2/NDF : 1204.9/27

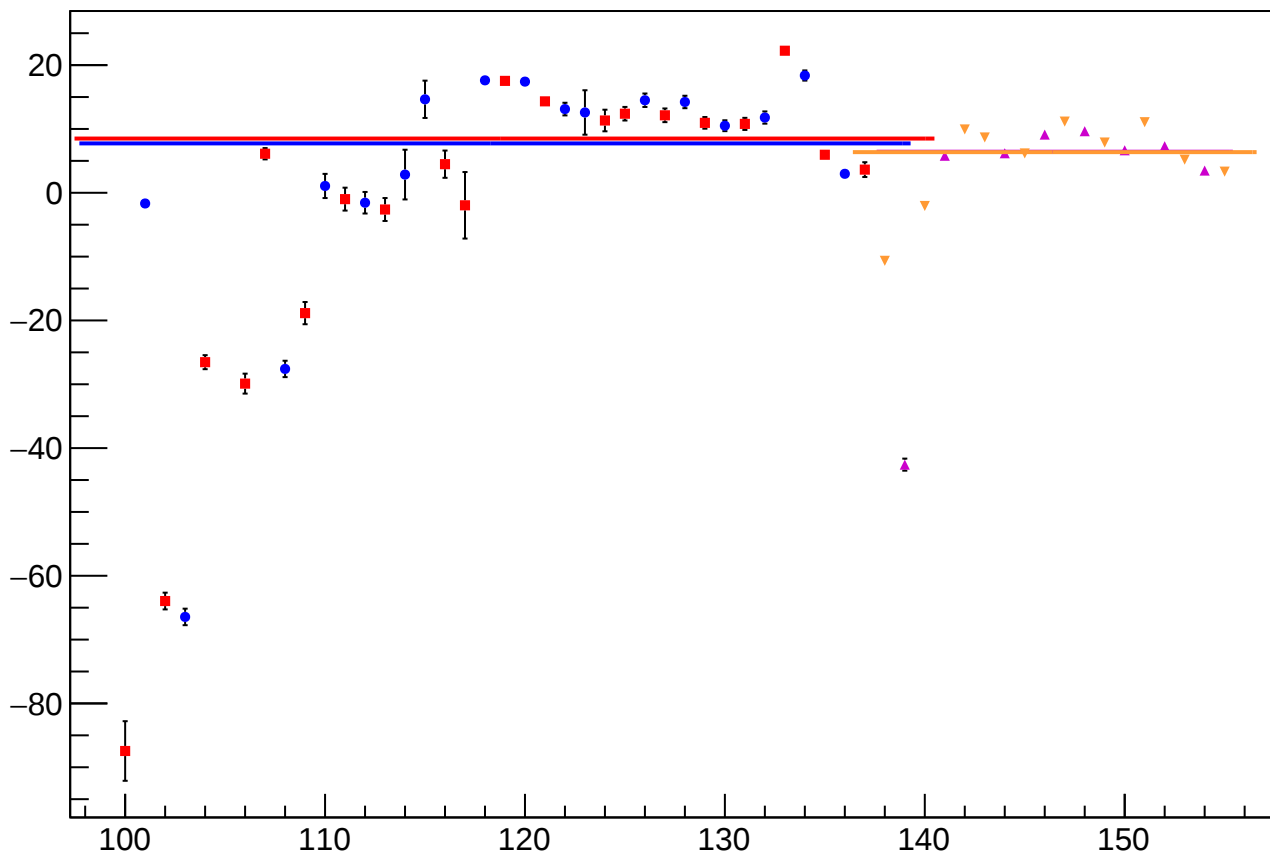
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.042 $\pm$ 0.173 χ^2 /NDF:2335.4/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.369 $\pm$ 0.180 χ^2 /NDF:964.4/7

6.042 $\pm$ 0.173 χ^2 /NDF: 2335.4/9
 3.369 $\pm$ 0.180 χ^2 /NDF: 964.4/7

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 7.737 $\pm$ 0.218 χ^2 /NDF: 5300.6/16

Left Out: 6.368 $\pm$ 0.120 χ^2 /NDF:1996.8/9

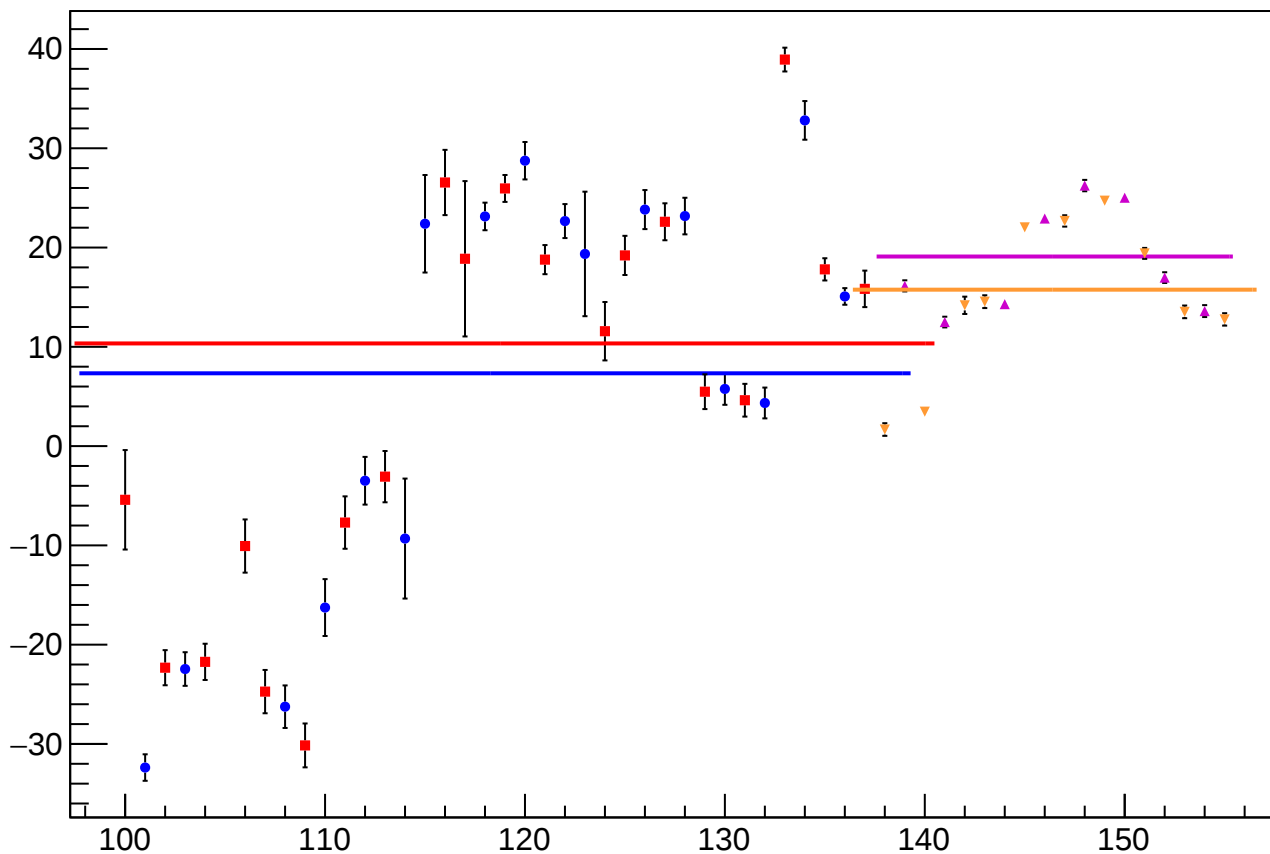
Right Out: 8.496 $\pm$ 0.213 χ^2 /NDF: 6723.5/19

Left In: 6.434 $\pm$ 0.126 χ^2 /NDF:2952.5/7

6.687 $\pm$ 0.105 χ^2 /NDF: 7327.7/26

6.969 $\pm$ 0.108 χ^2 /NDF: 9745.3/27

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: 15.757 ± 0.174 χ^2/NDF : 2095.3/9

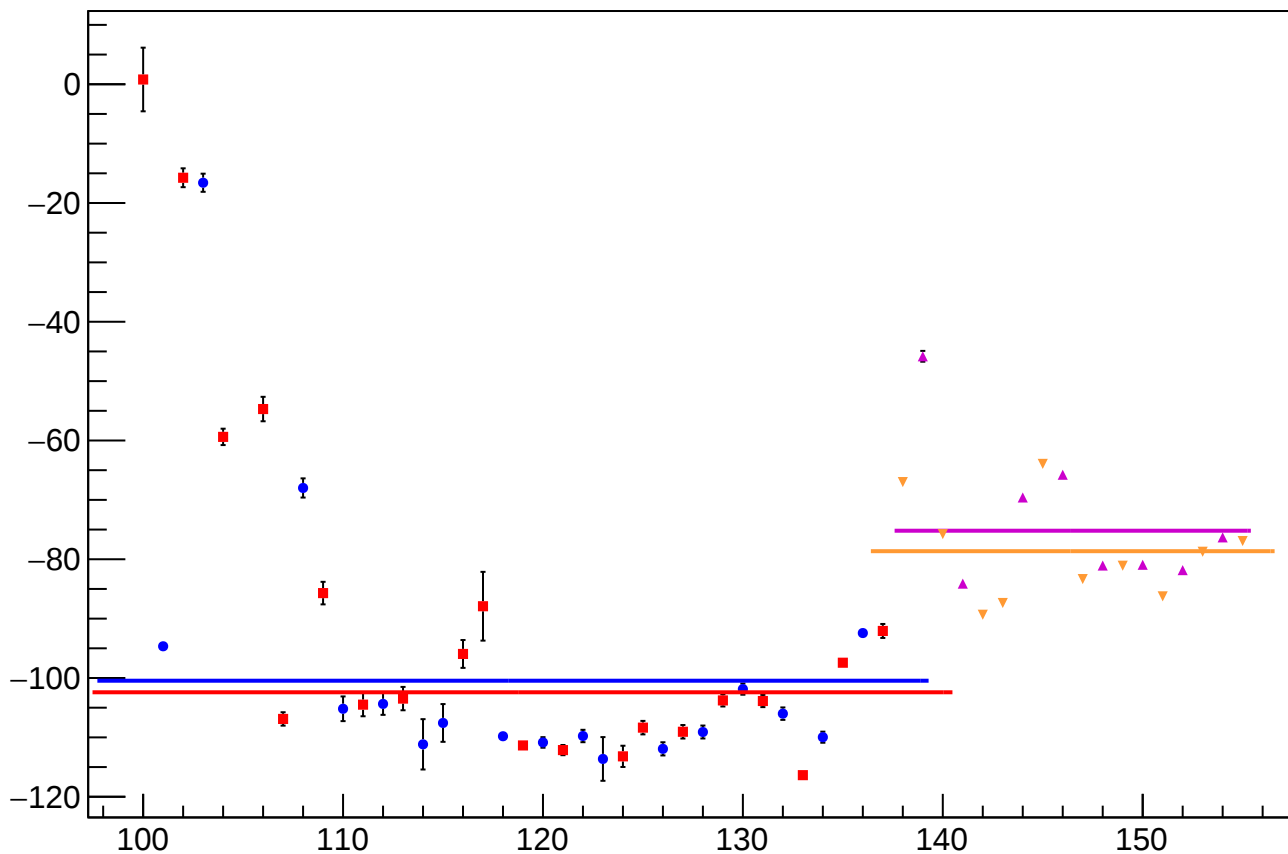
Right Out: 10.342 ± 0.416 χ^2/NDF : 2282.7/19

Left In: 19.096 ± 0.179 χ^2/NDF : 800.5/7

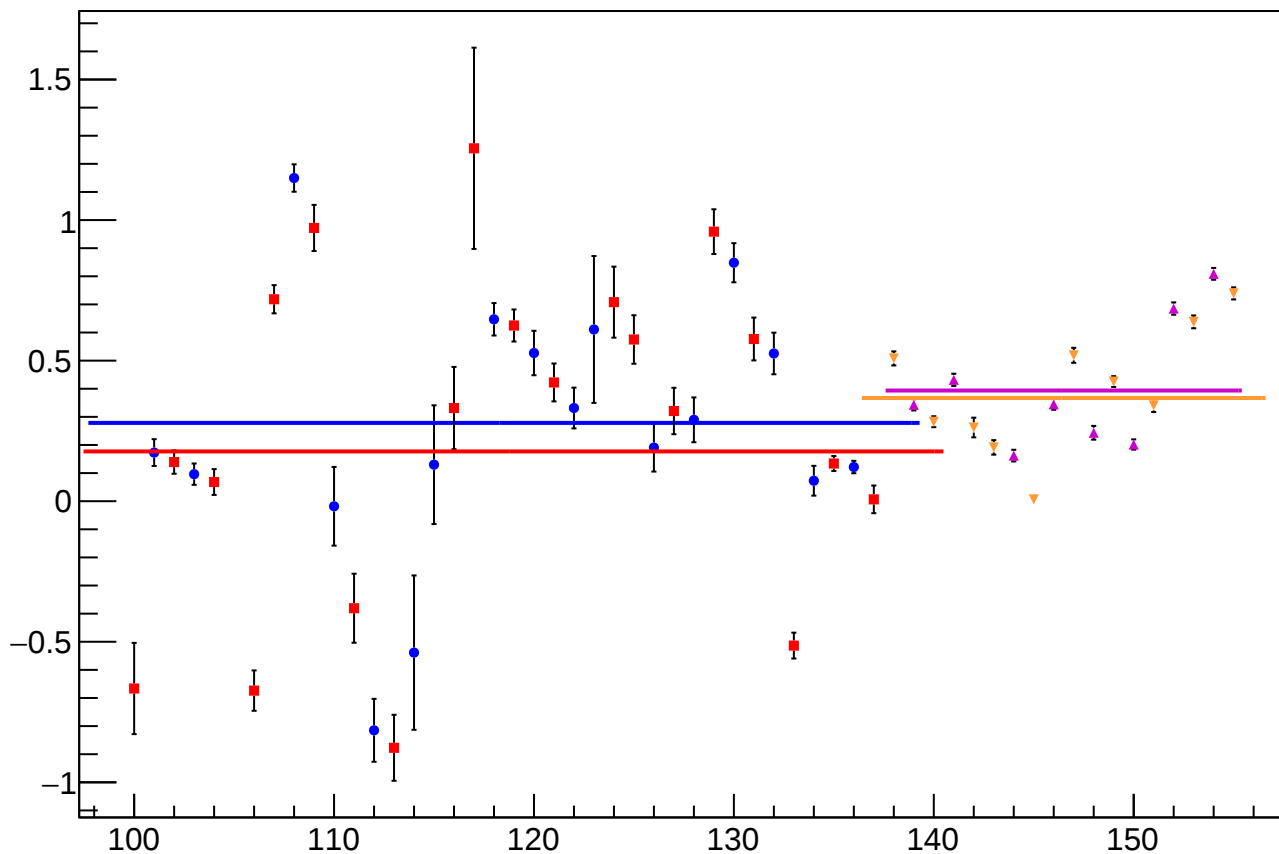
14.518 ± 0.161 χ^2/NDF : 4733.8/26

17.731 ± 0.164 χ^2/NDF : 3456.5/27

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



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: 0.367 $\pm$ 0.007 χ^2/NDF : 1055.8/9

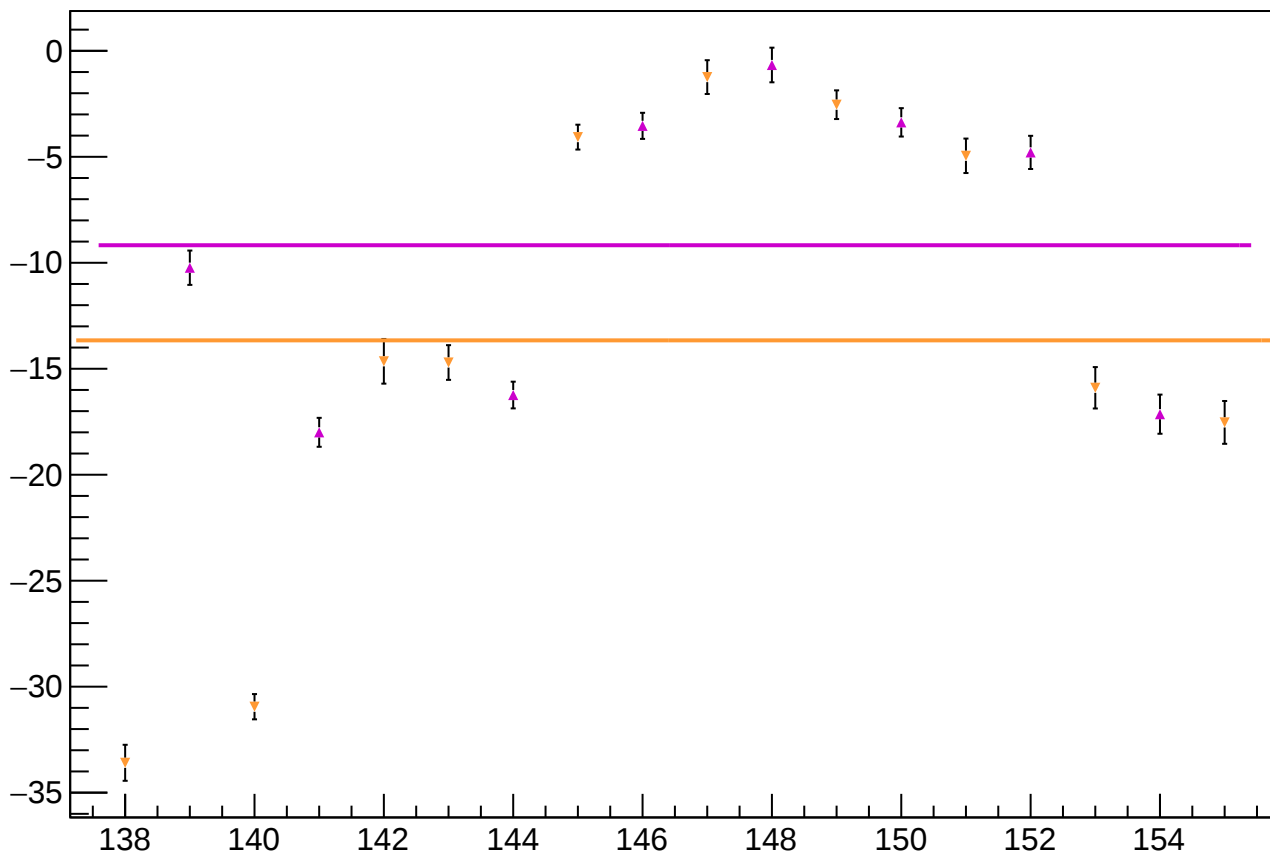
Right Out: 0.177 $\pm$ 0.013 χ^2/NDF : 976.8/19

Left In: 0.394 $\pm$ 0.007 χ^2/NDF : 854.5/7

0.348 $\pm$ 0.006 χ^2/NDF : 1743.4/26

0.344 $\pm$ 0.006 χ^2/NDF : 2031.0/27

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.660+/-0.244 χ^2/NDF : 2308.8/9

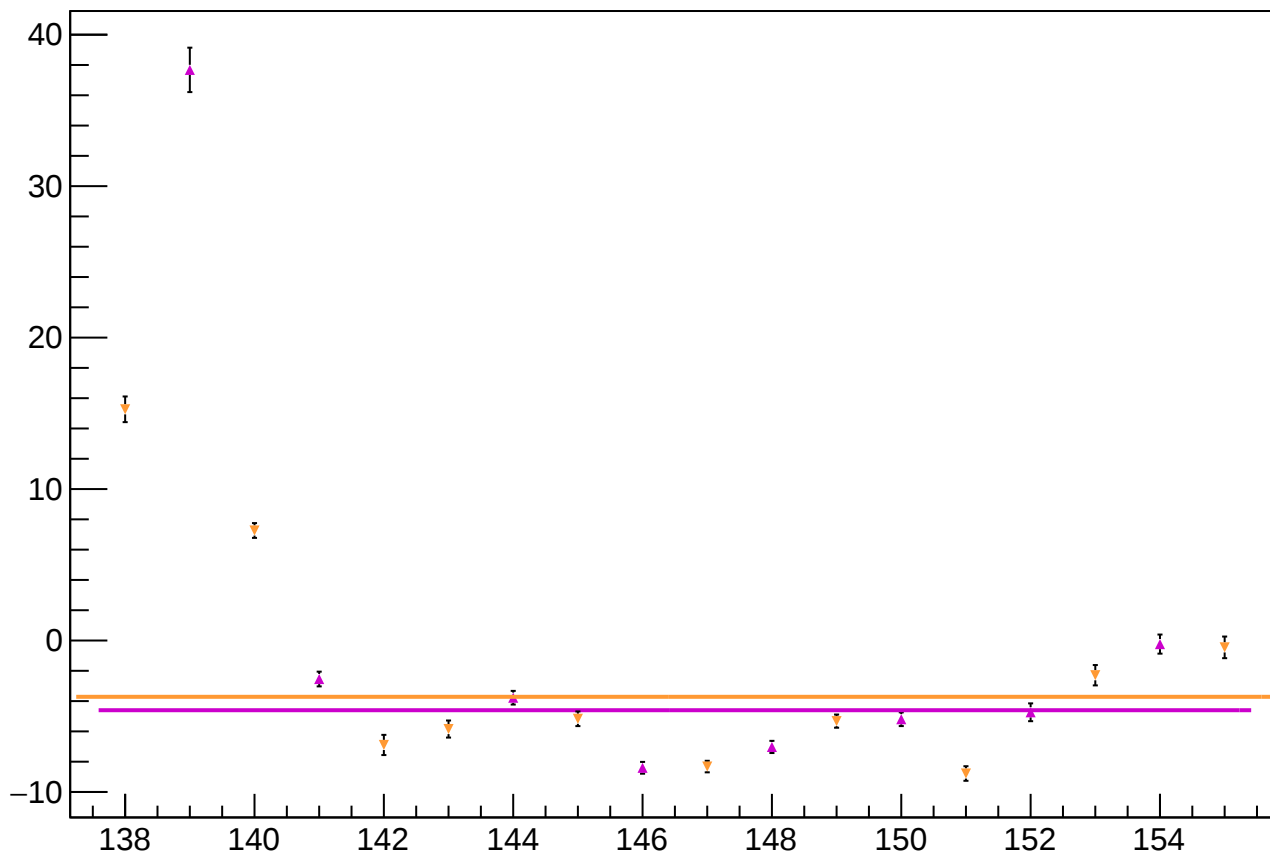
-13.660+/-0.244 χ^2/NDF : 2308.8/9

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

-9.172+/-0.255 χ^2/NDF : 667.4/7

Left In: -9.172+/-0.255 χ^2/NDF : 667.4/7

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -3.716+/-0.167 χ^2/NDF :1348.2/9

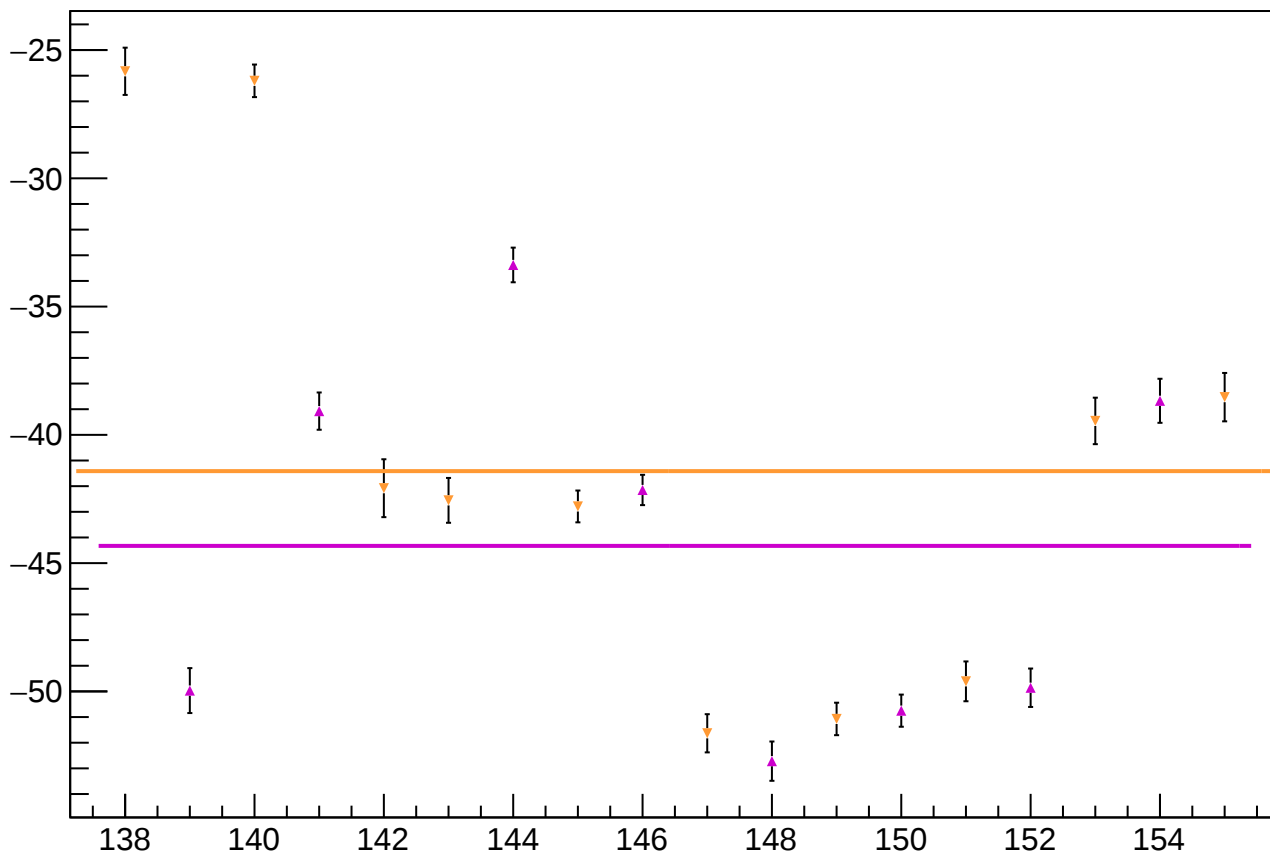
-3.716+/-0.167 χ^2/NDF : 1348.2/9

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

Left In: -4.602+/-0.175 χ^2/NDF :1033.7/7

-4.602+/-0.175 χ^2/NDF : 1033.7/7

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -41.414+/-0.245 χ^2/NDF : 1414.4/9

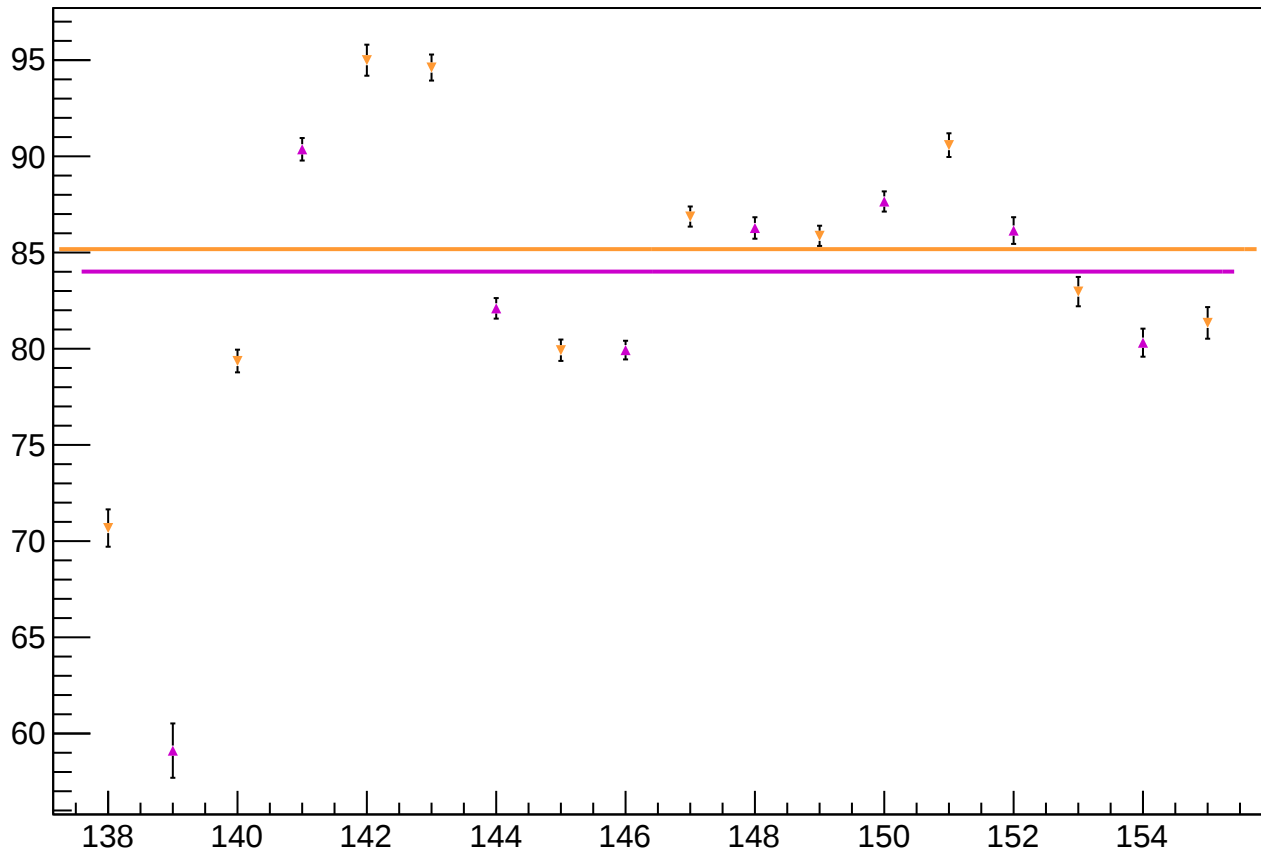
-41.414+/-0.245 χ^2/NDF : 1414.4/9

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

Left In: -44.328+/-0.253 χ^2/NDF : 693.4/7

-44.328+/-0.253 χ^2/NDF : 693.4/7

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 85.176+/-0.204 χ^2/NDF : 871.3/9

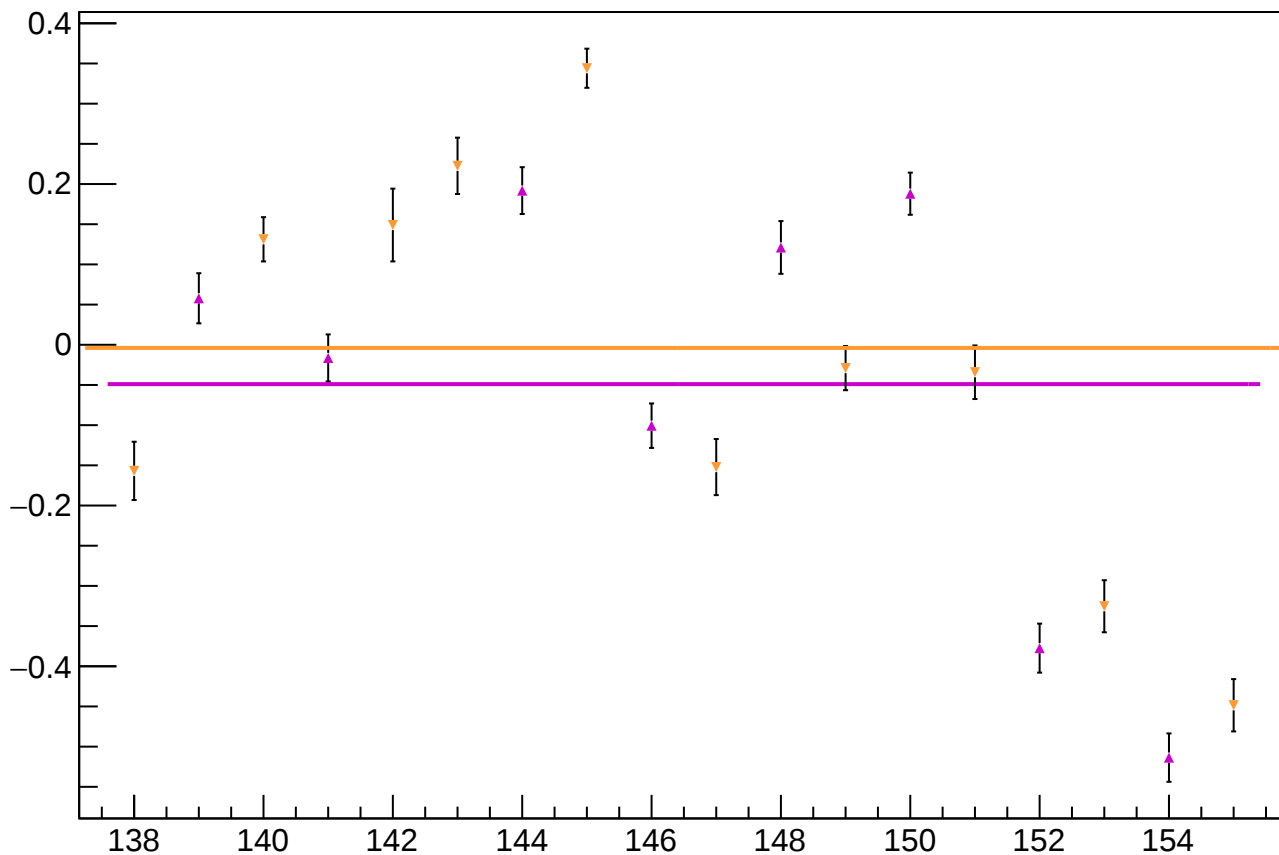
85.176+/-0.204 χ^2/NDF : 871.3/9

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

Left In: 84.009+/-0.213 χ^2/NDF : 611.9/7

84.009+/-0.213 χ^2/NDF : 611.9/7

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: -0.004 $\pm$ 0.010 χ^2 /NDF: 604.3/9

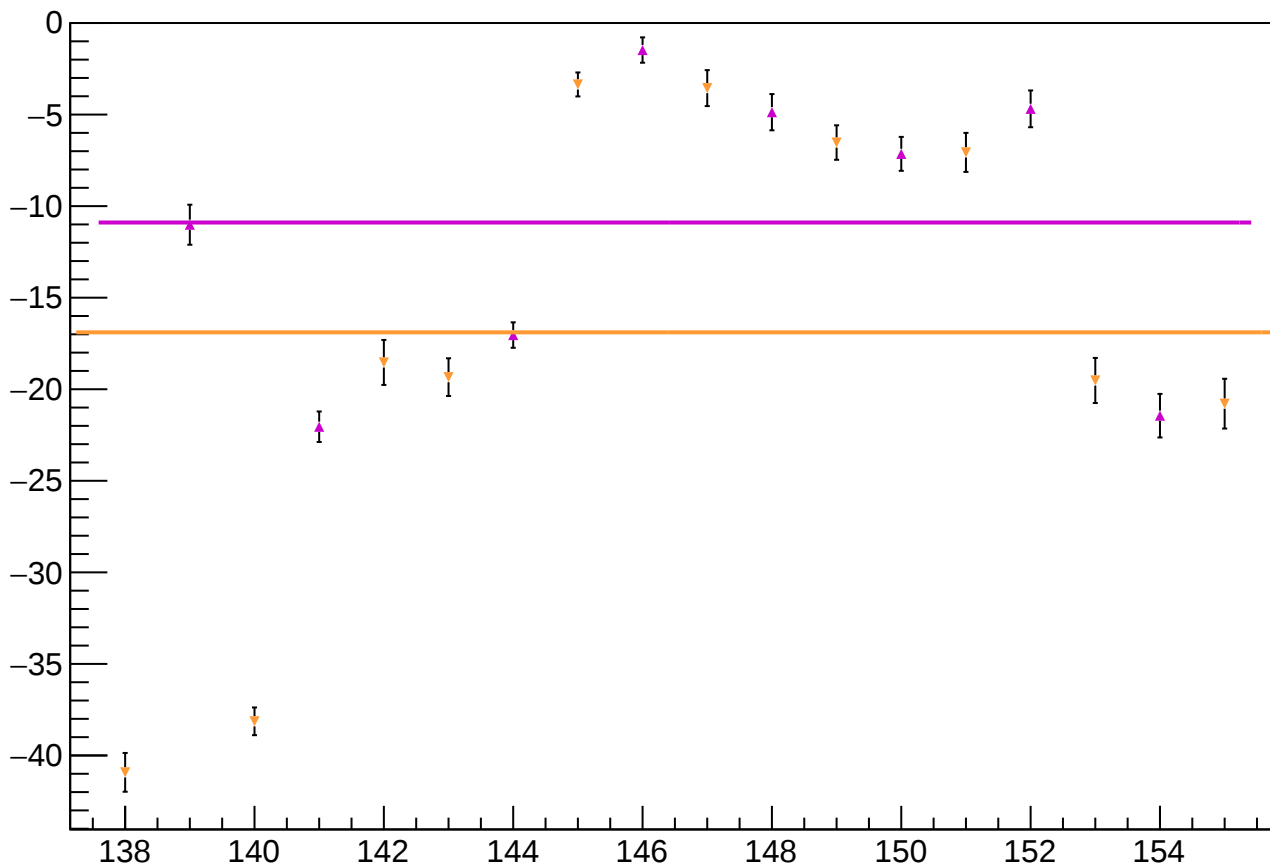
-0.004 $\pm$ 0.010 χ^2 /NDF: 604.3/9

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

-0.049 $\pm$ 0.010 χ^2 /NDF: 548.0/7

Left In: -0.049 $\pm$ 0.010 χ^2 /NDF: 548.0/7

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.893+/-0.304 χ^2/NDF : 2141.5/9

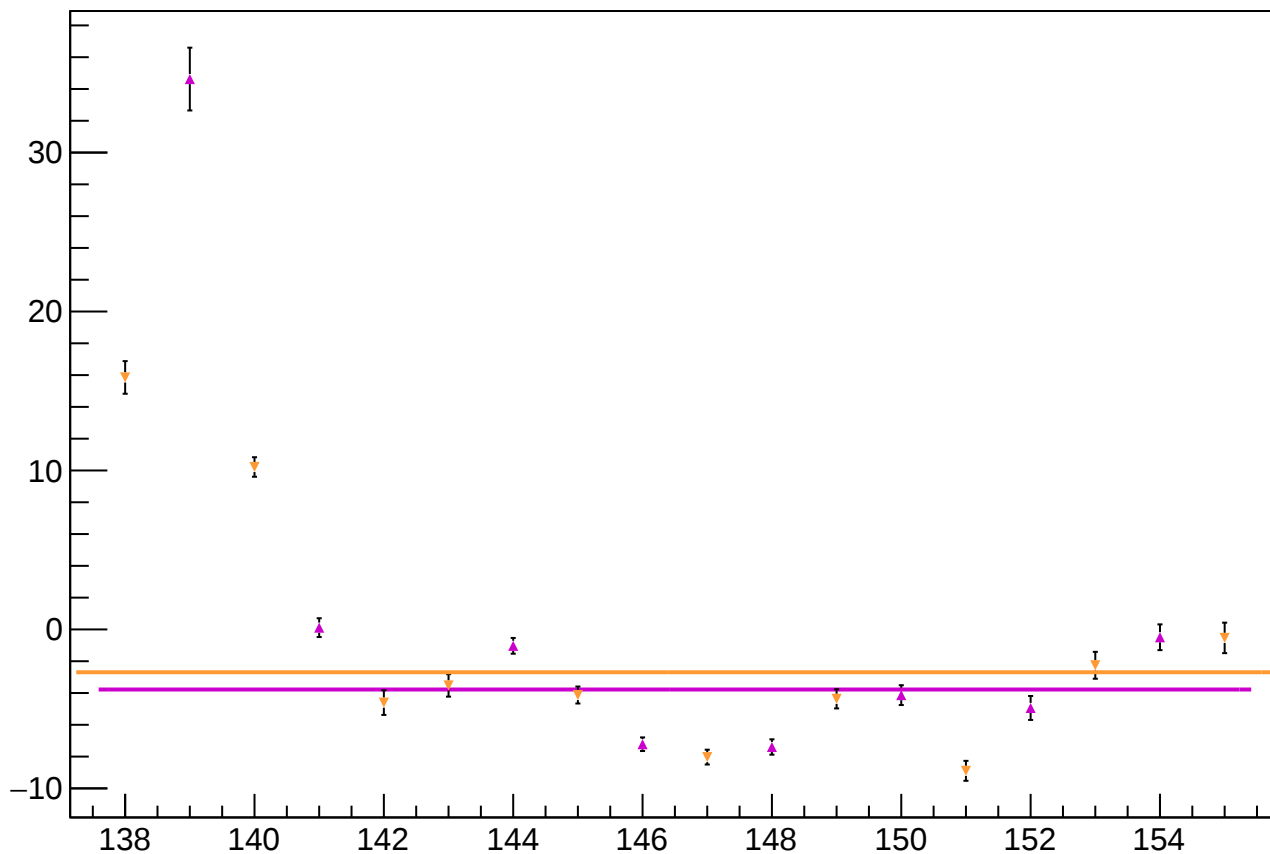
-16.893+/-0.304 χ^2/NDF : 2141.5/9

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

-10.895+/-0.311 χ^2/NDF : 612.8/7

Left In: -10.895+/-0.311 χ^2/NDF : 612.8/7

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.695+/-0.208 χ^2/NDF : 1024.0/9

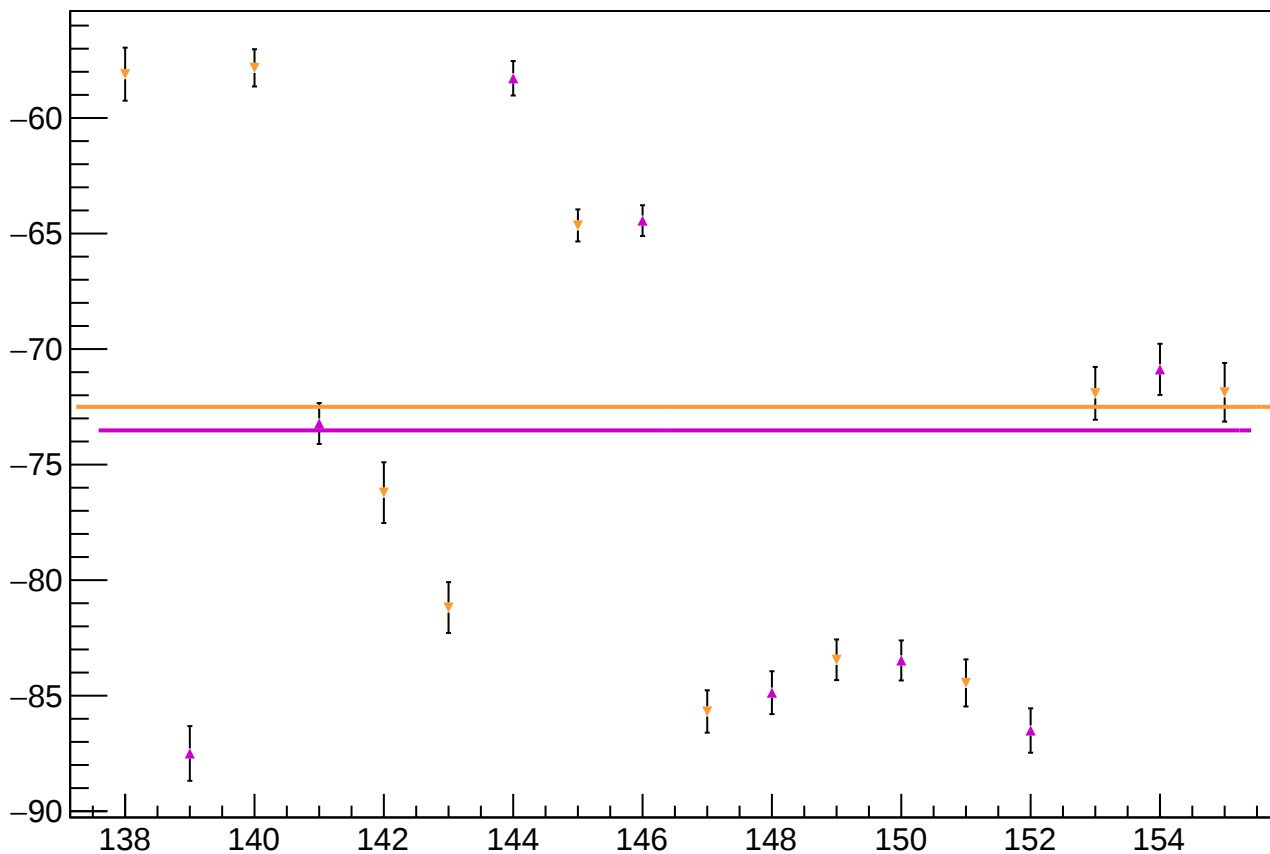
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.780+/-0.210 χ^2/NDF : 591.6/7

-2.695+/-0.208 χ^2/NDF : 1024.0/9

-3.780+/-0.210 χ^2/NDF : 591.6/7

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -72.500+/-0.307 χ^2/NDF :1186.6/9

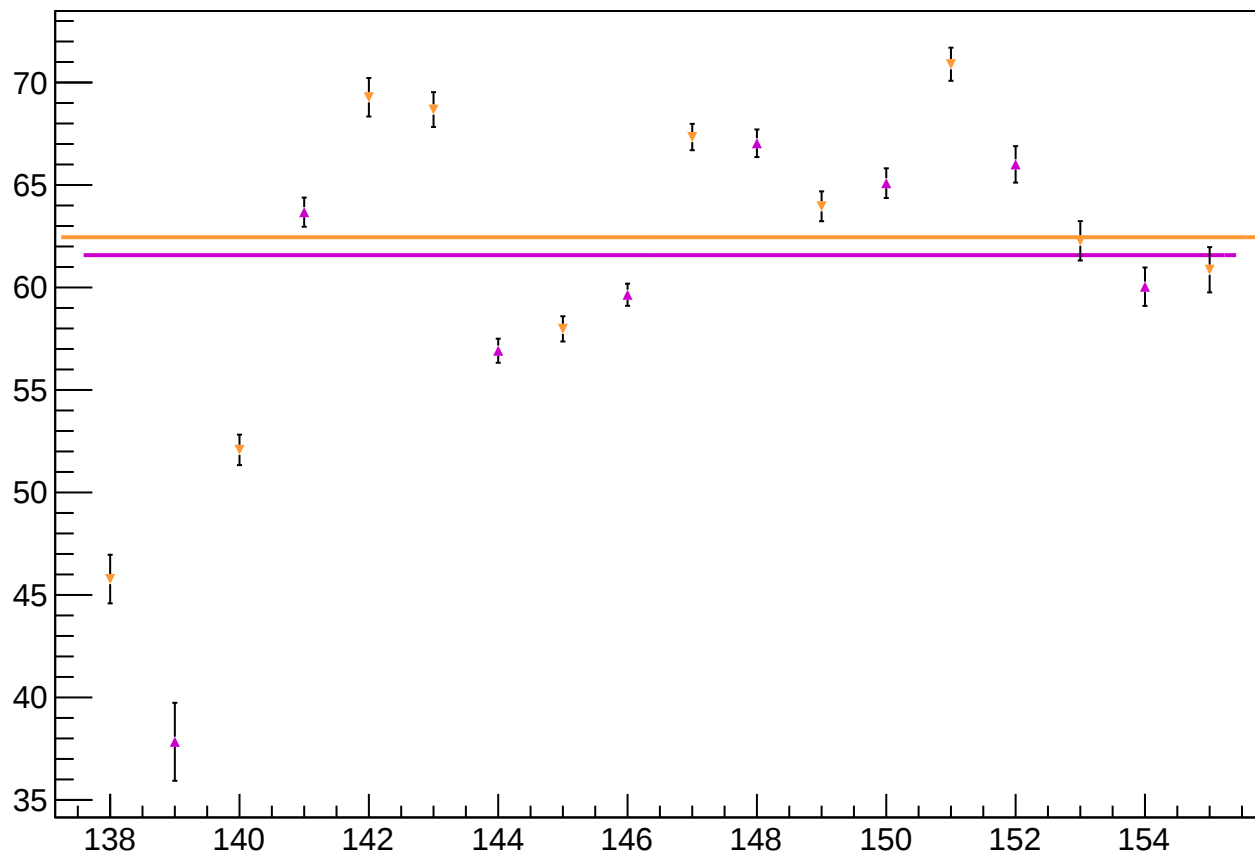
-72.500+/-0.307 χ^2/NDF : 1186.6/9

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

Left In: -73.519+/-0.309 χ^2/NDF :1215.0/7

-73.519+/-0.309 χ^2/NDF : 1215.0/7

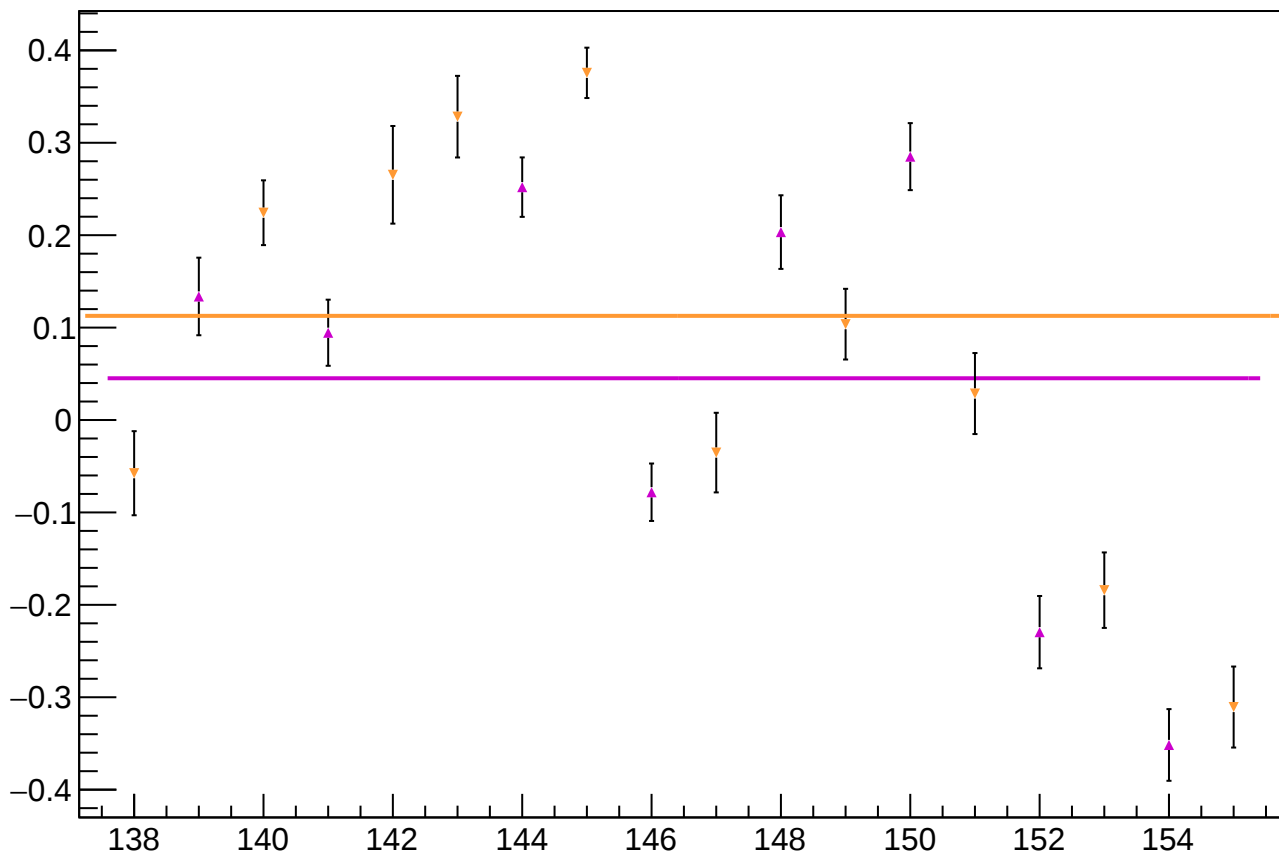
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 62.452 $\pm$ 0.255 χ^2 /NDF:725.4/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 61.578 $\pm$ 0.257 χ^2 /NDF:356.7/7

62.452 $\pm$ 0.255 χ^2 /NDF: 725.4/9
 61.578 $\pm$ 0.257 χ^2 /NDF: 356.7/7

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: 0.113 $\pm$ 0.013 χ^2 /NDF:311.0/9

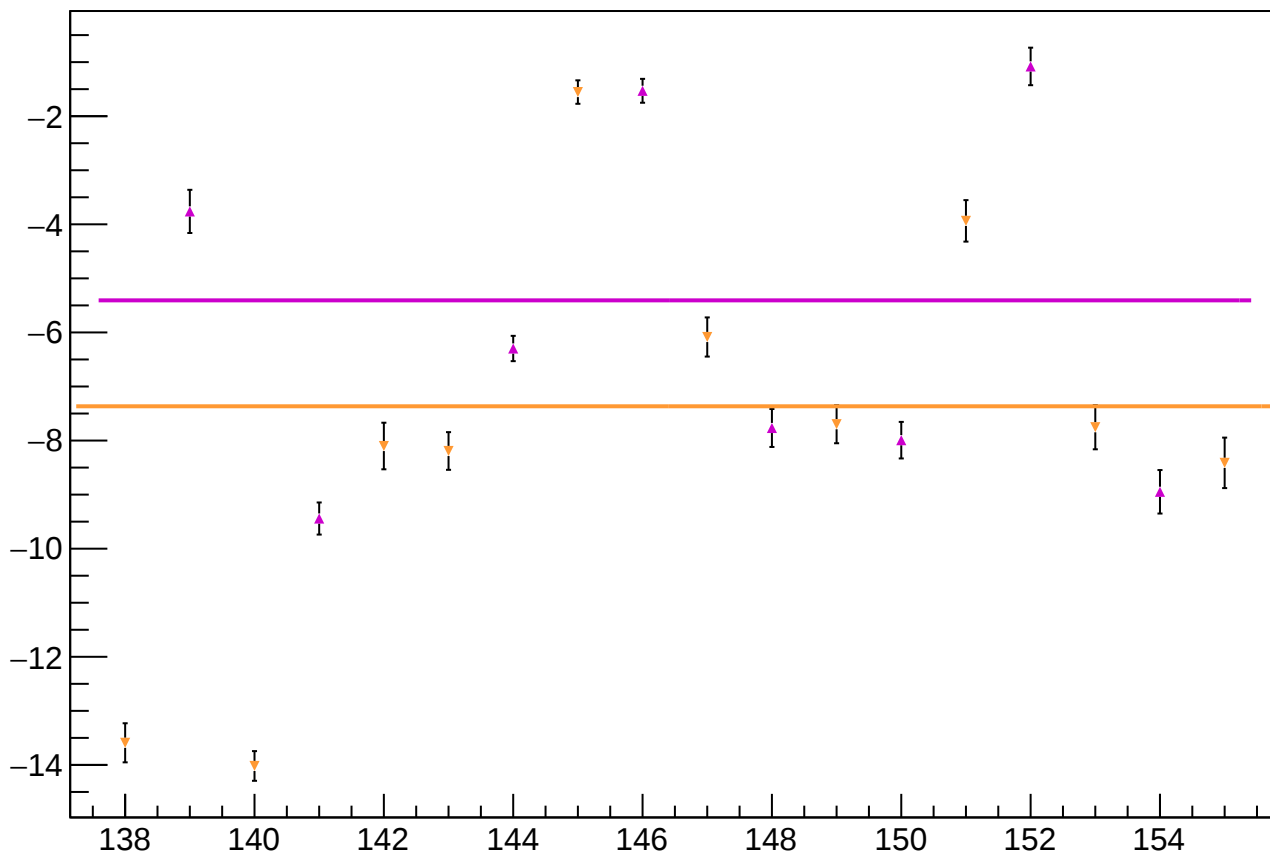
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.045 $\pm$ 0.013 χ^2 /NDF:276.9/7

0.113 $\pm$ 0.013 χ^2 /NDF: 311.0/9

0.045 $\pm$ 0.013 χ^2 /NDF: 276.9/7

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



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

Left Out: -7.366+/-0.106 χ^2/NDF : 1708.5/9

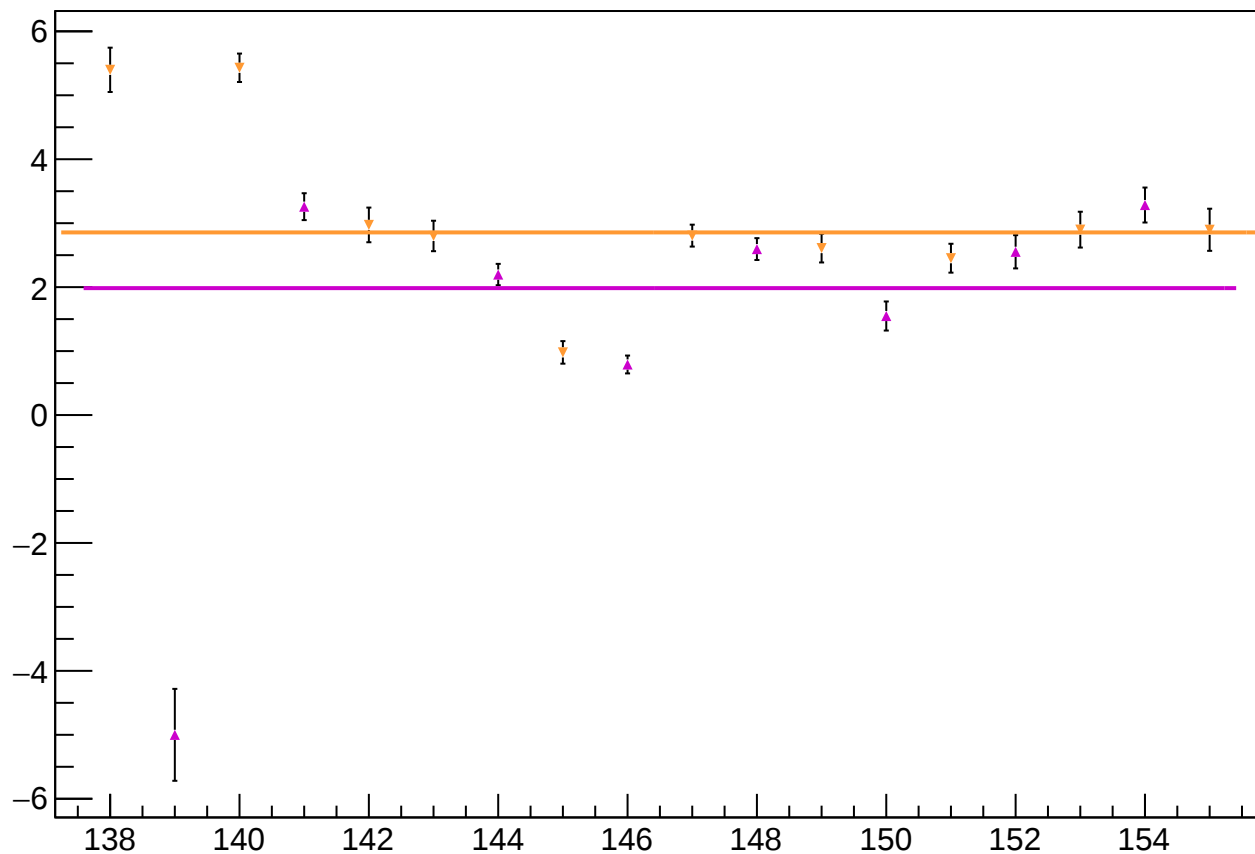
-7.366+/-0.106 χ^2/NDF : 1708.5/9

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

Left In: -5.407+/-0.107 χ^2/NDF : 860.8/7

-5.407+/-0.107 χ^2/NDF : 860.8/7

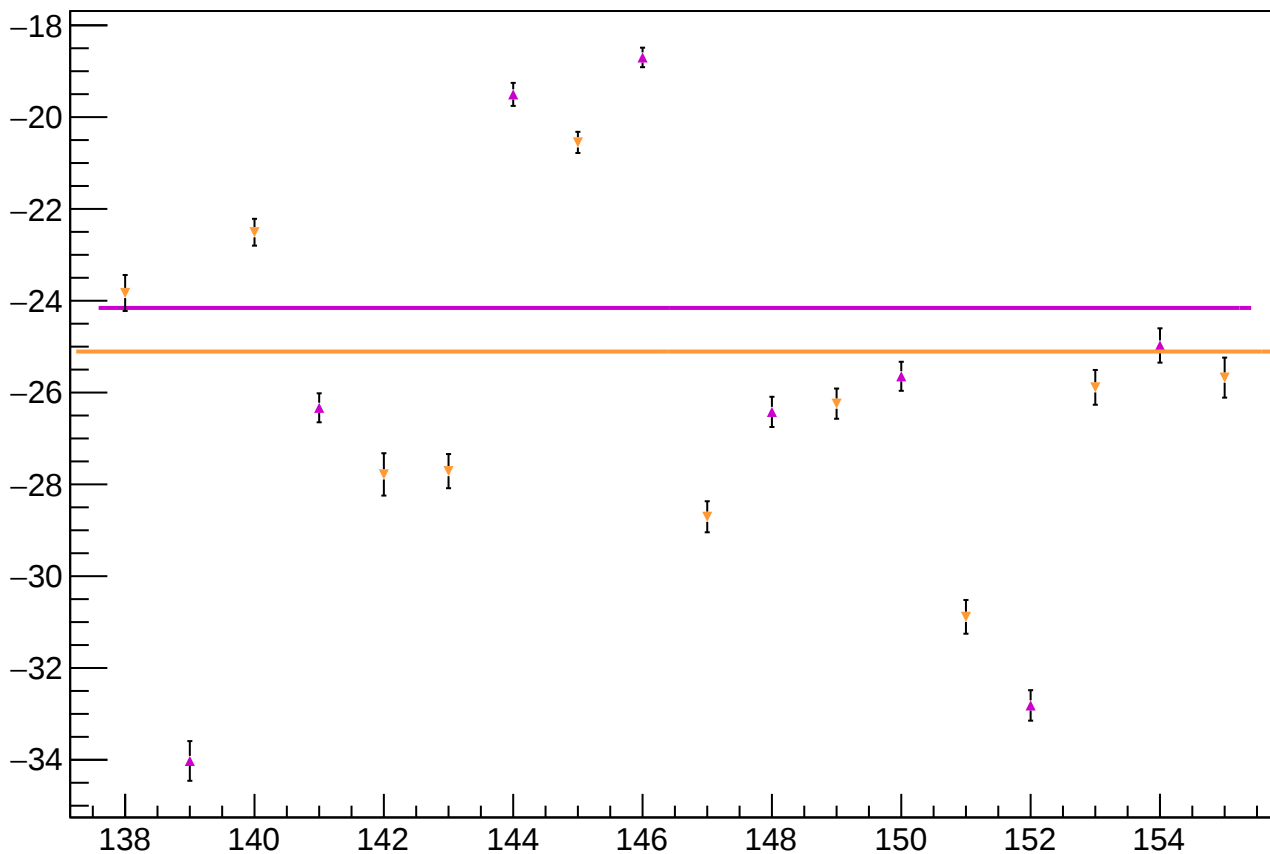
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.856 $\pm$ 0.073 χ^2 /NDF:305.9/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.984 $\pm$ 0.072 χ^2 /NDF:249.8/7

2.856 $\pm$ 0.073 χ^2 /NDF: 305.9/9
 1.984 $\pm$ 0.072 χ^2 /NDF: 249.8/7

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -25.106+/-0.107 χ^2/NDF : 941.8/9

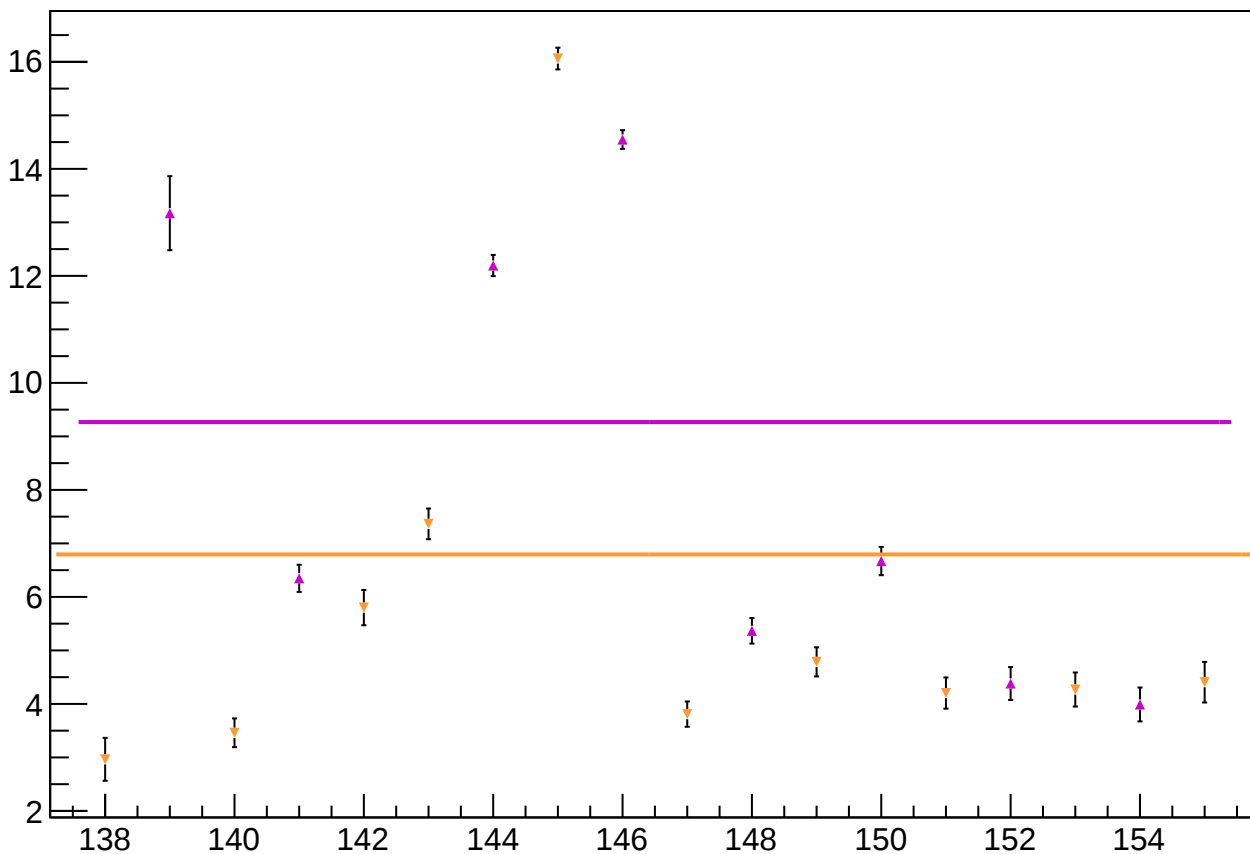
-25.106+/-0.107 χ^2/NDF : 941.8/9

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

-24.157+/-0.106 χ^2/NDF : 2325.7/7

Left In: -24.157+/-0.106 χ^2/NDF : 2325.7/7

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 6.794+/-0.089 χ^2/NDF :2732.8/9

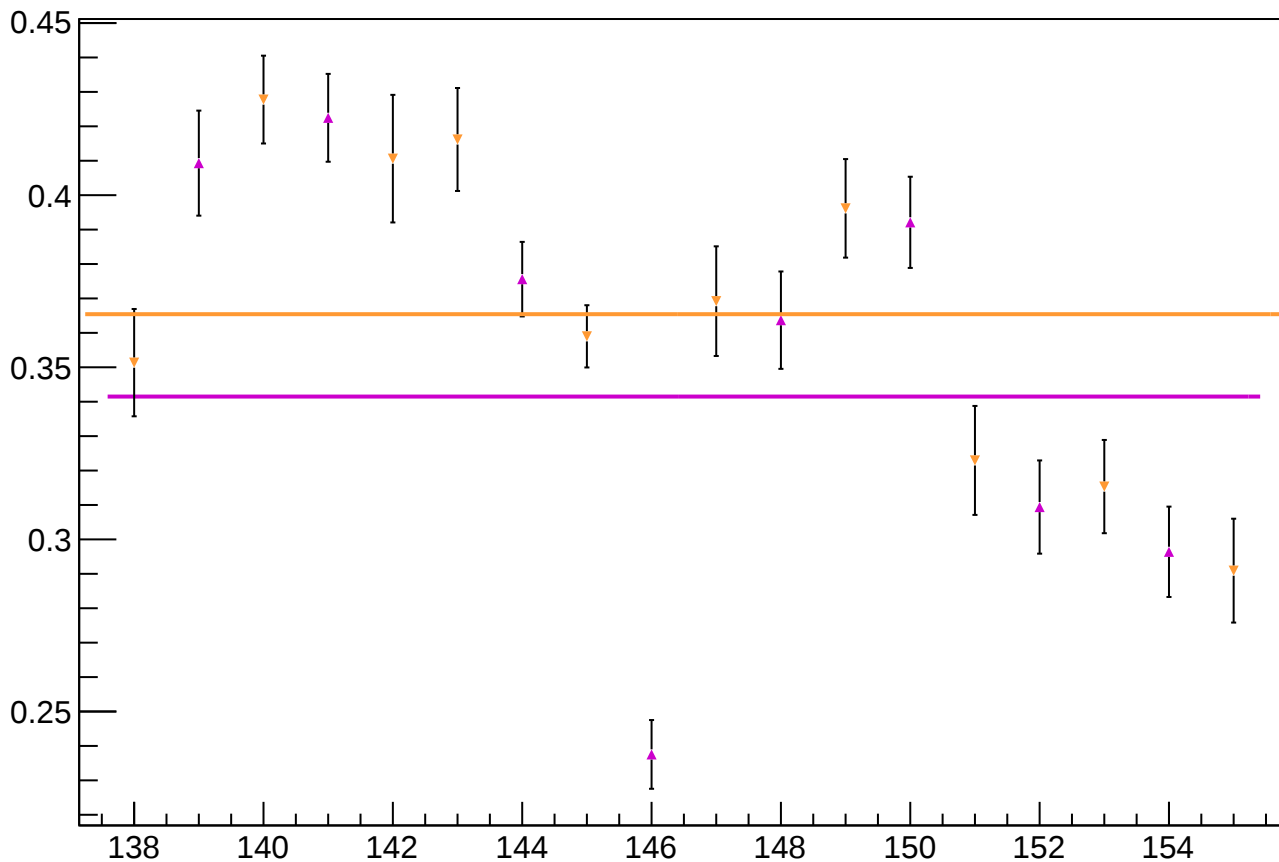
6.794+/-0.089 χ^2/NDF : 2732.8/9

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

9.268+/-0.088 χ^2/NDF : 2188.6/7

Left In: 9.268+/-0.088 χ^2/NDF :2188.6/7

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.365+/-0.004 χ^2/NDF : 92.6/9

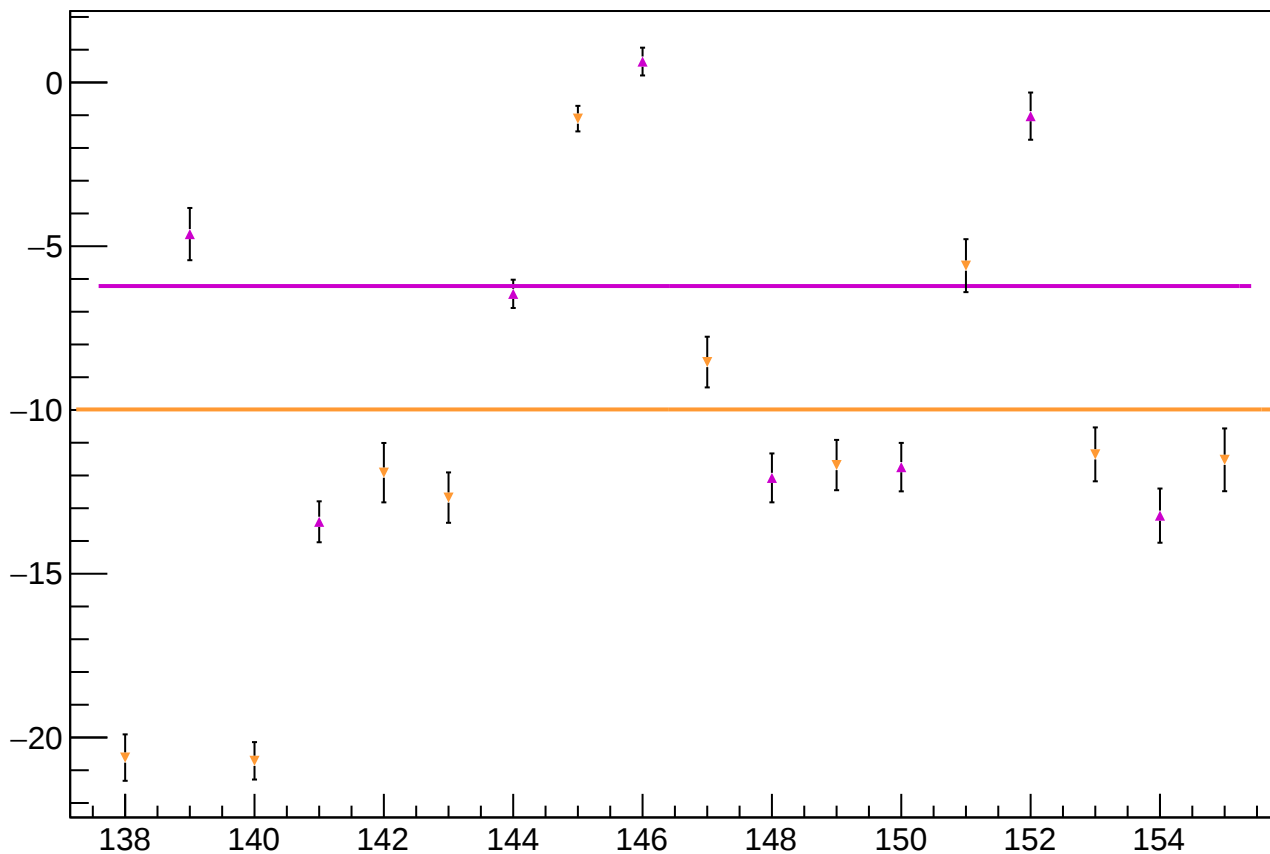
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.341+/-0.004 χ^2/NDF : 212.8/7

0.365+/-0.004 χ^2/NDF : 92.6/9

0.341+/-0.004 χ^2/NDF : 212.8/7

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.984+/-0.213 χ^2/NDF : 1155.8/9

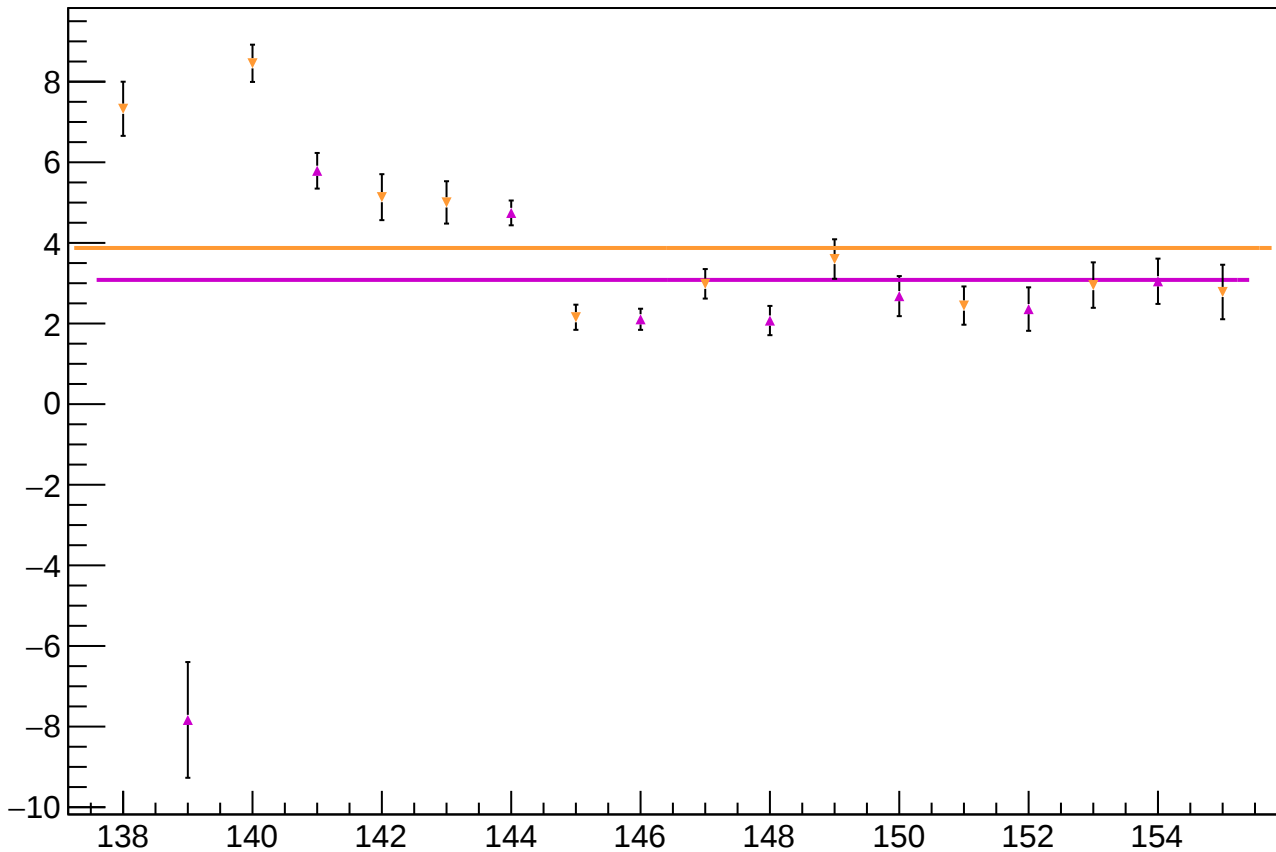
-9.984+/-0.213 χ^2/NDF : 1155.8/9

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

Left In: -6.216+/-0.213 χ^2/NDF : 639.0/7

-6.216+/-0.213 χ^2/NDF : 639.0/7

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug

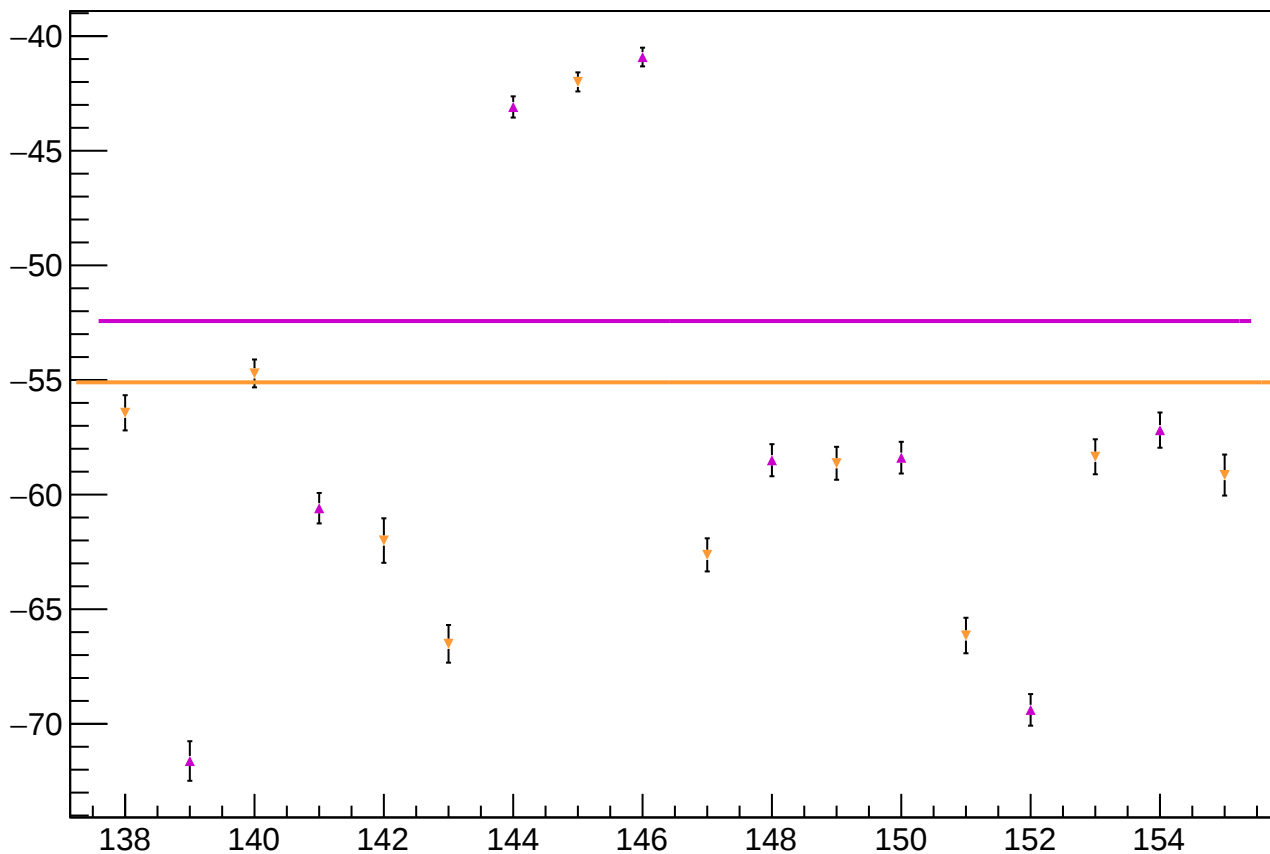


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.874 $\pm$ 0.149 χ^2 /NDF:185.0/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.082 $\pm$ 0.143 χ^2 /NDF:148.6/7

3.874 $\pm$ 0.149 χ^2 /NDF: 185.0/9

3.082 $\pm$ 0.143 χ^2 /NDF: 148.6/7

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -55.102+/-0.217 χ^2/NDF : 1614.5/9

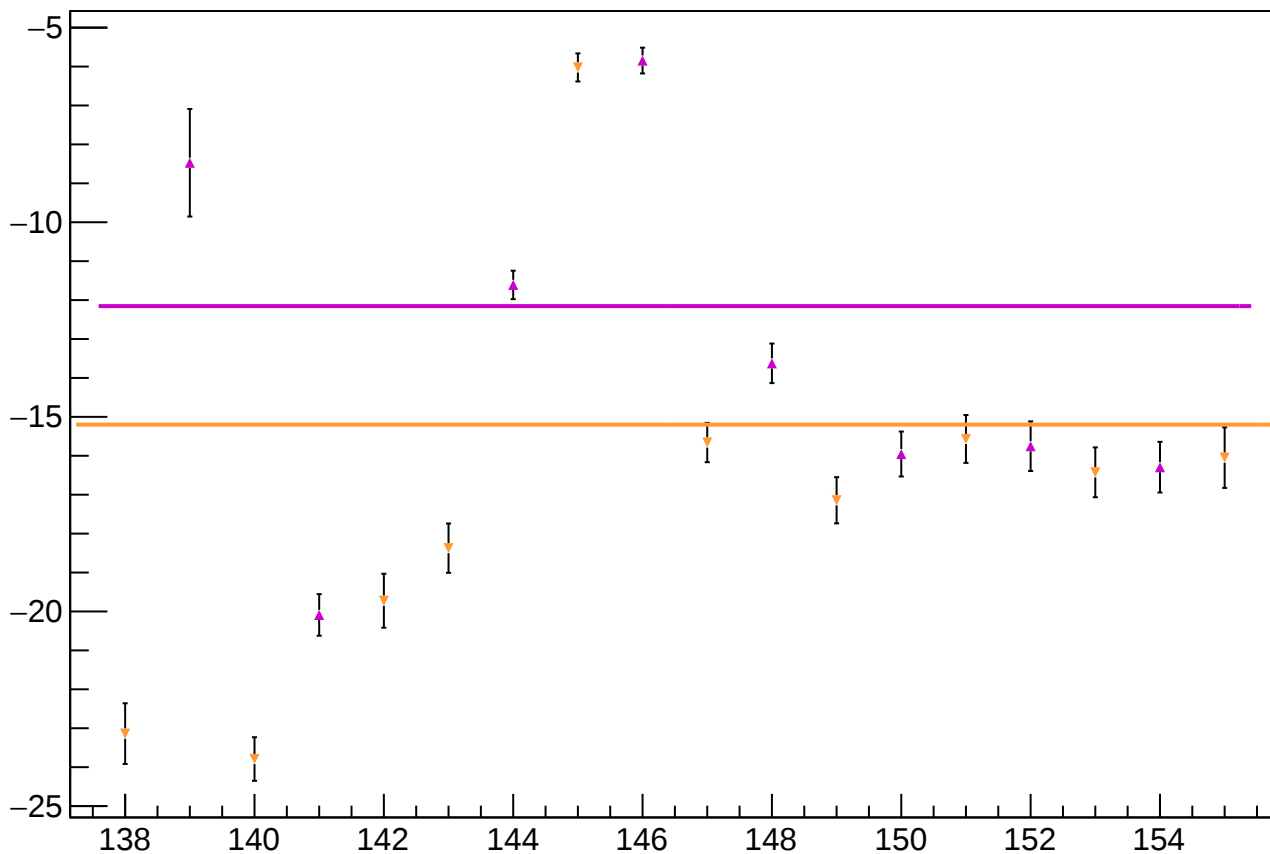
-55.102+/-0.217 χ^2/NDF : 1614.5/9

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

Left In: -52.429+/-0.212 χ^2/NDF : 2642.2/7

-52.429+/-0.212 χ^2/NDF : 2642.2/7

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.199+/-0.181 χ^2/NDF : 1070.2/9

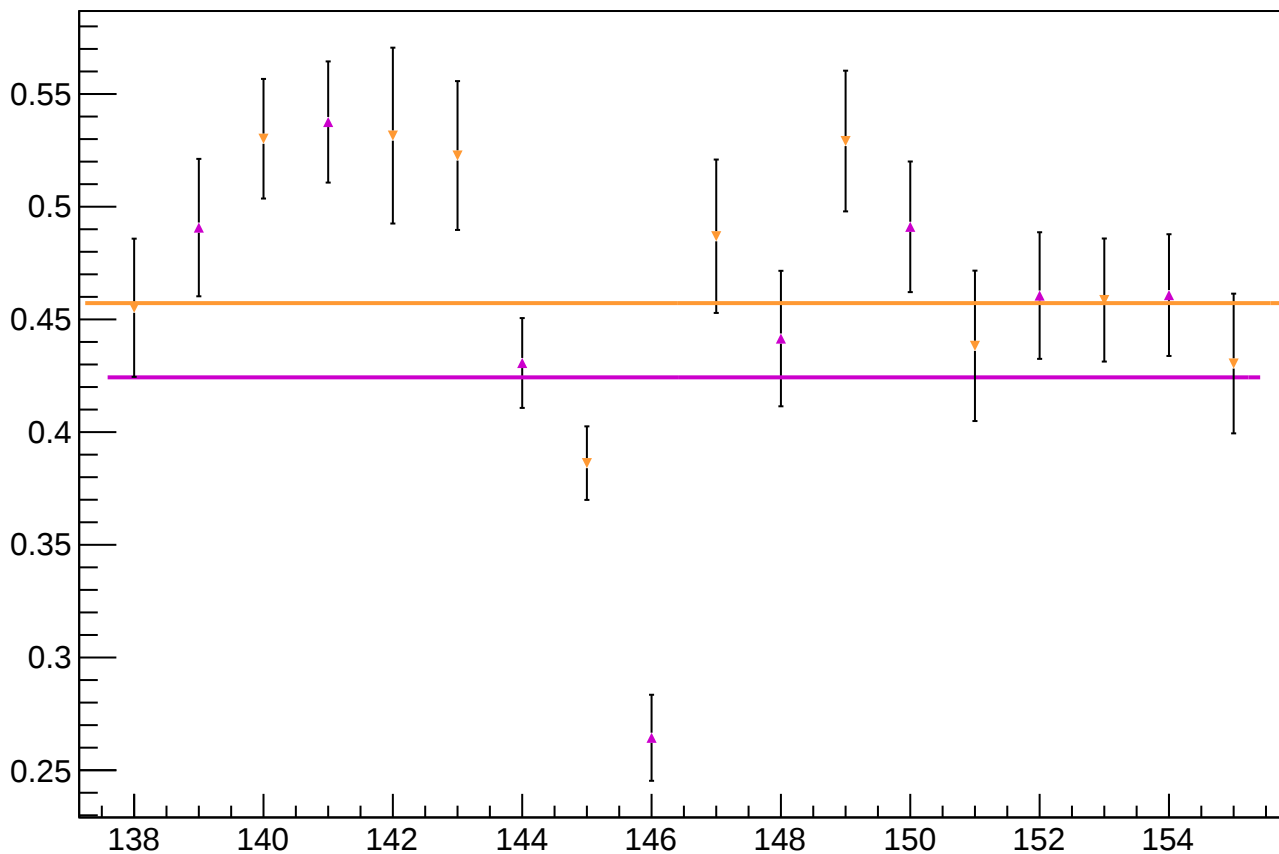
-15.199+/-0.181 χ^2/NDF : 1070.2/9

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

Left In: -12.155+/-0.176 χ^2/NDF : 717.0/7

-12.155+/-0.176 χ^2/NDF : 717.0/7

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.457+/-0.009 χ^2/NDF : 41.2/9

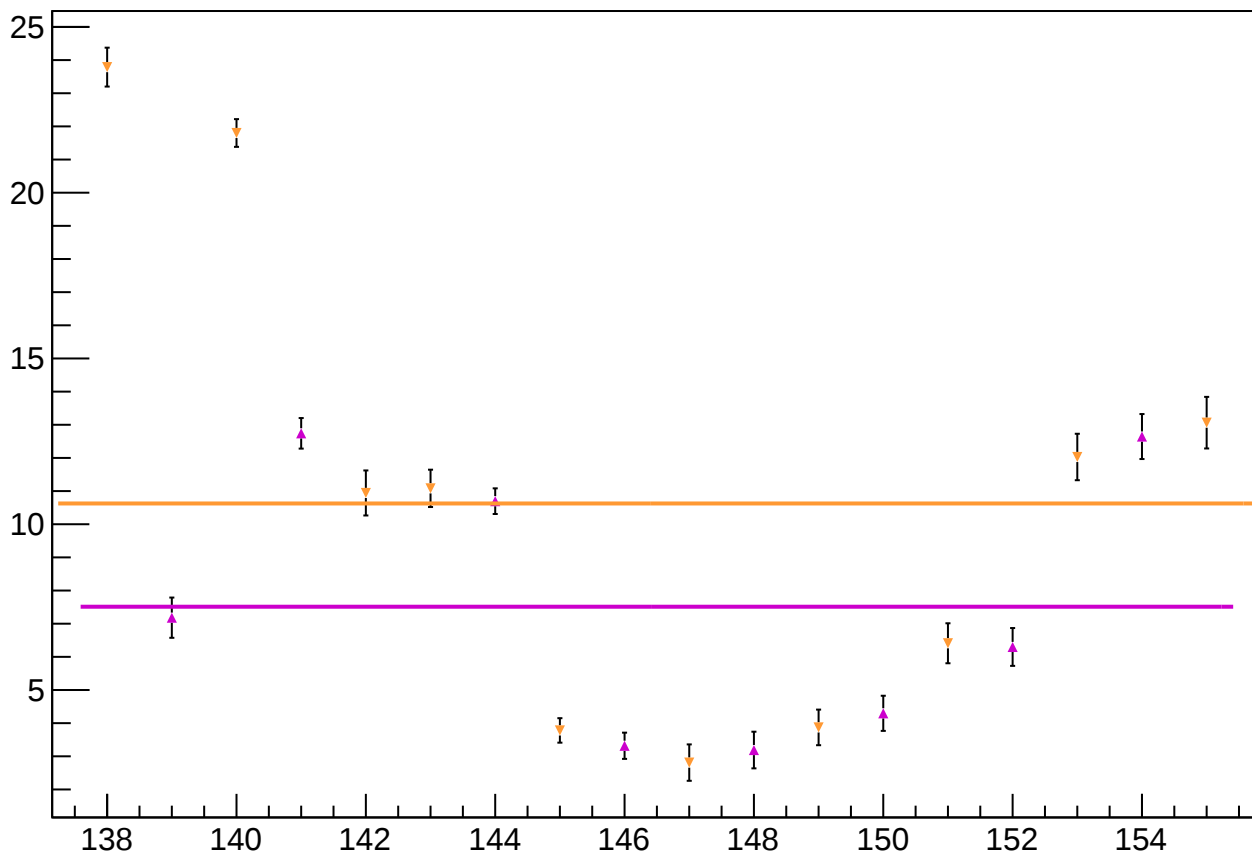
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.424+/-0.009 χ^2/NDF : 101.9/7

0.457+/-0.009 χ^2/NDF : 41.2/9

0.424+/-0.009 χ^2/NDF : 101.9/7

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: 10.626+/-0.170 χ^2/NDF :1984.8/9

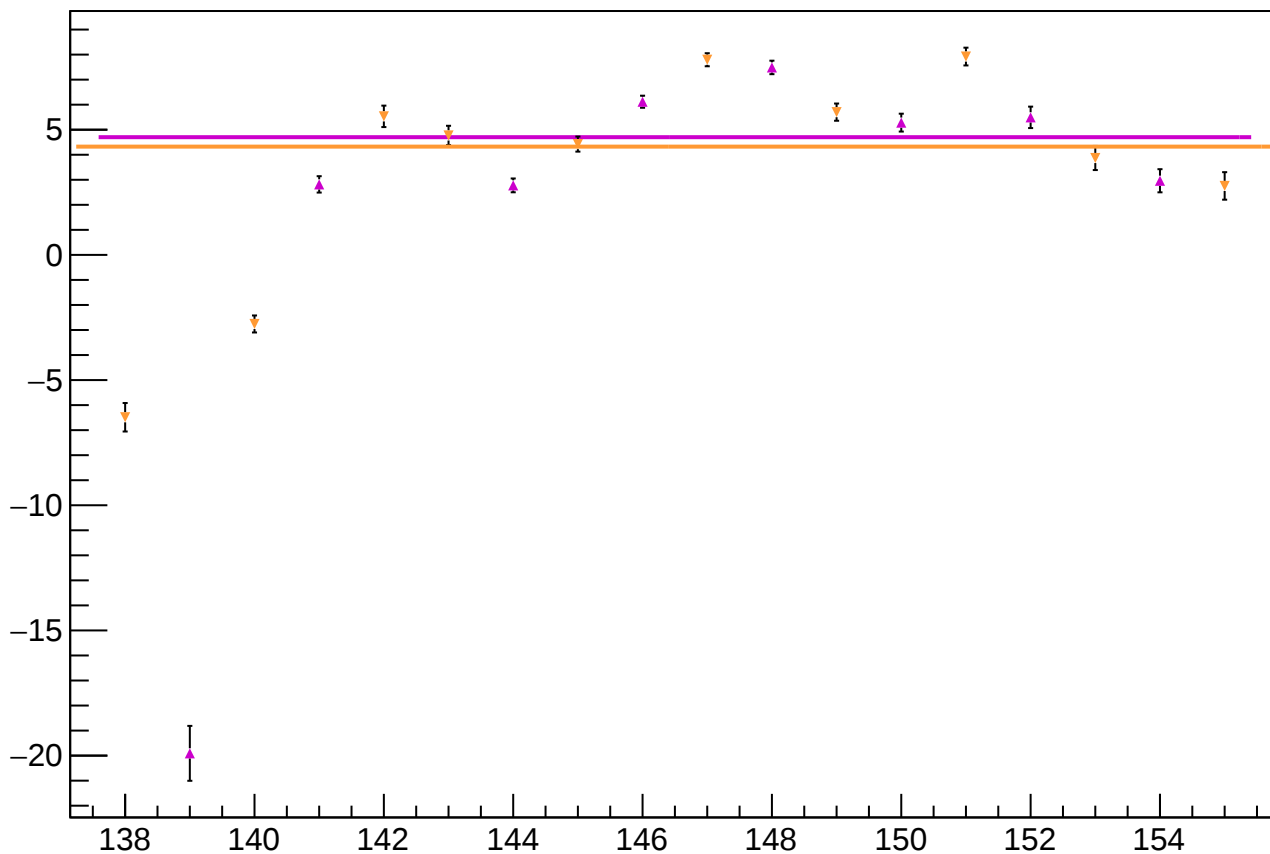
10.626+/-0.170 χ^2/NDF : 1984.8/9

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

Left In: 7.512+/-0.175 χ^2/NDF :468.8/7

7.512+/-0.175 χ^2/NDF : 468.8/7

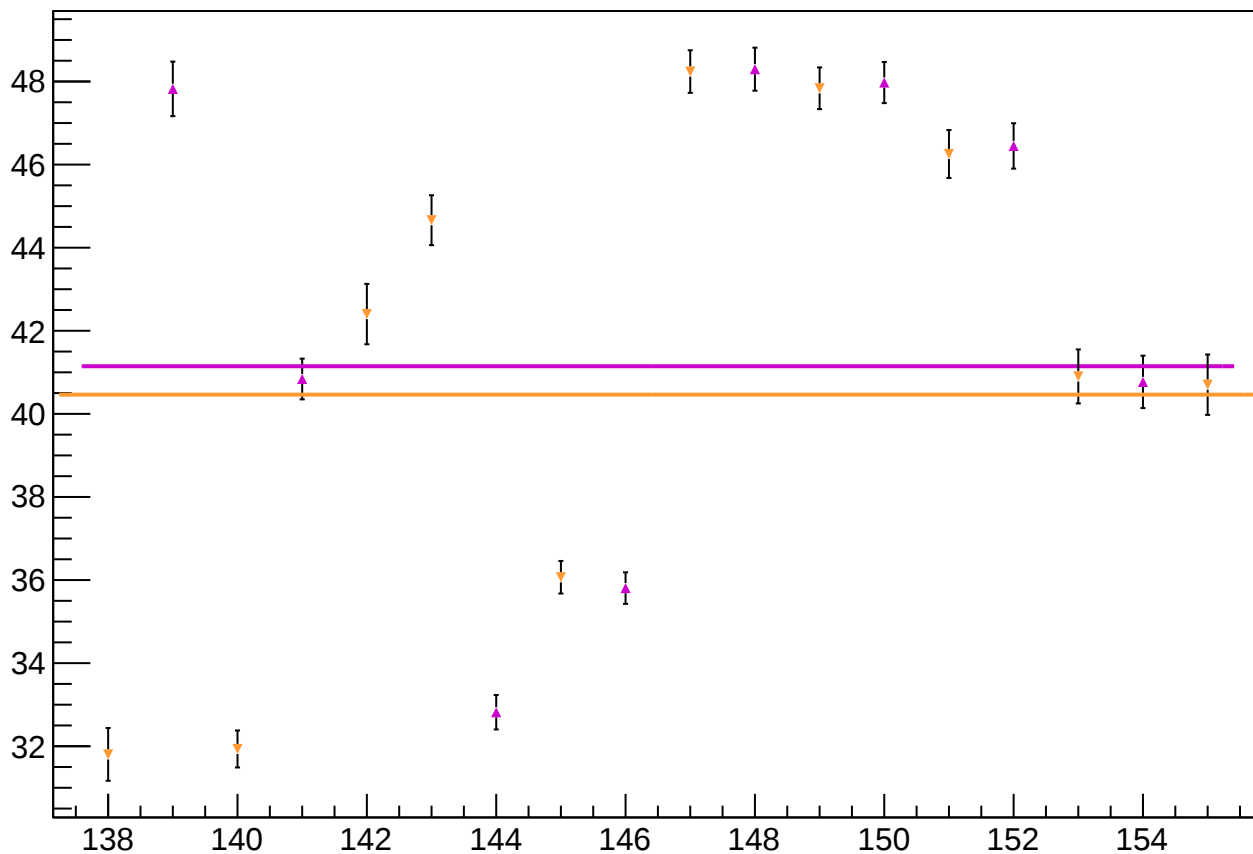
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.325+/-0.116 χ^2/NDF :1110.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.702+/-0.118 χ^2/NDF :747.4/7

4.325+/-0.116 χ^2/NDF : 1110.3/9
 4.702+/-0.118 χ^2/NDF : 747.4/7

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 40.463+/-0.172 χ^2/NDF :1281.0/9

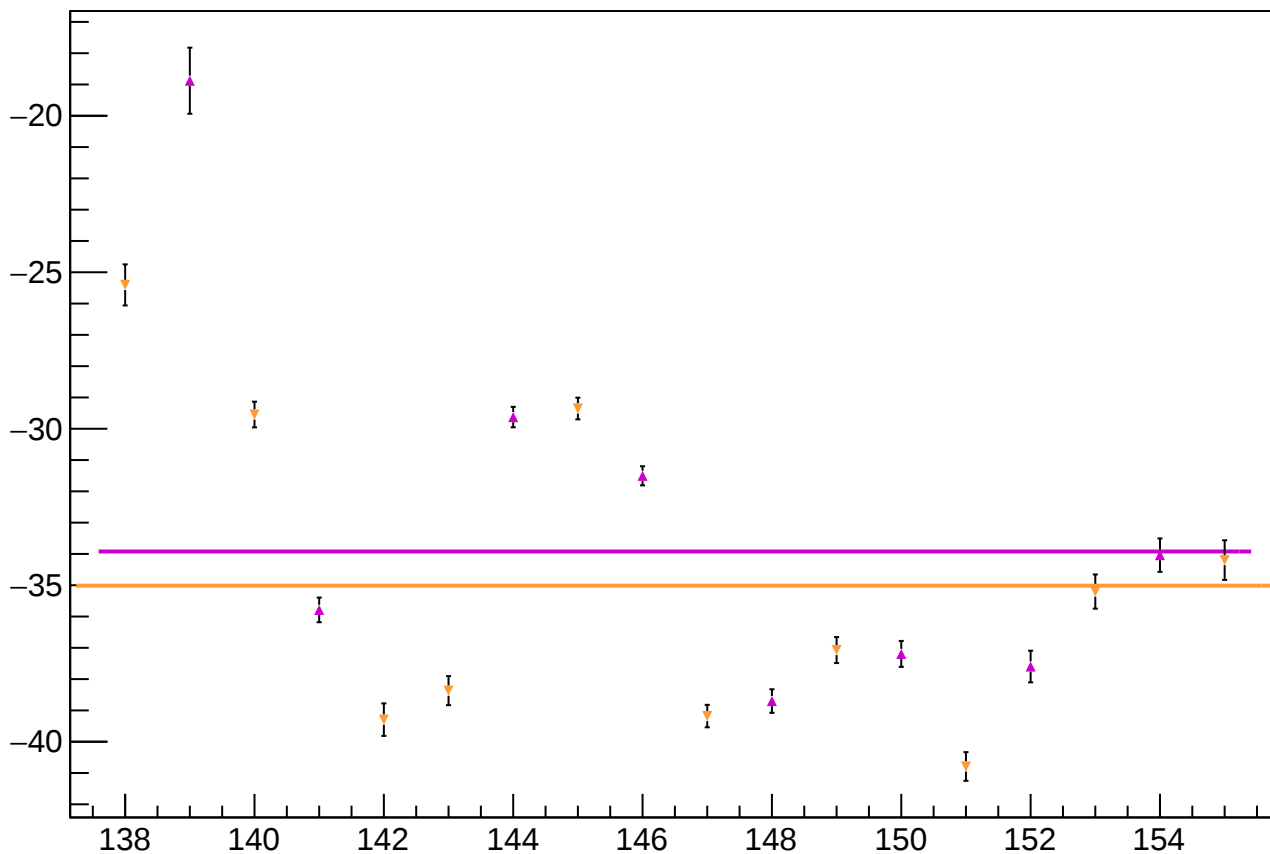
40.463+/-0.172 χ^2/NDF : 1281.0/9

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

Left In: 41.146+/-0.174 χ^2/NDF :1180.3/7

41.146+/-0.174 χ^2/NDF : 1180.3/7

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: -35.014+/-0.143 χ^2/NDF : 1098.8/9

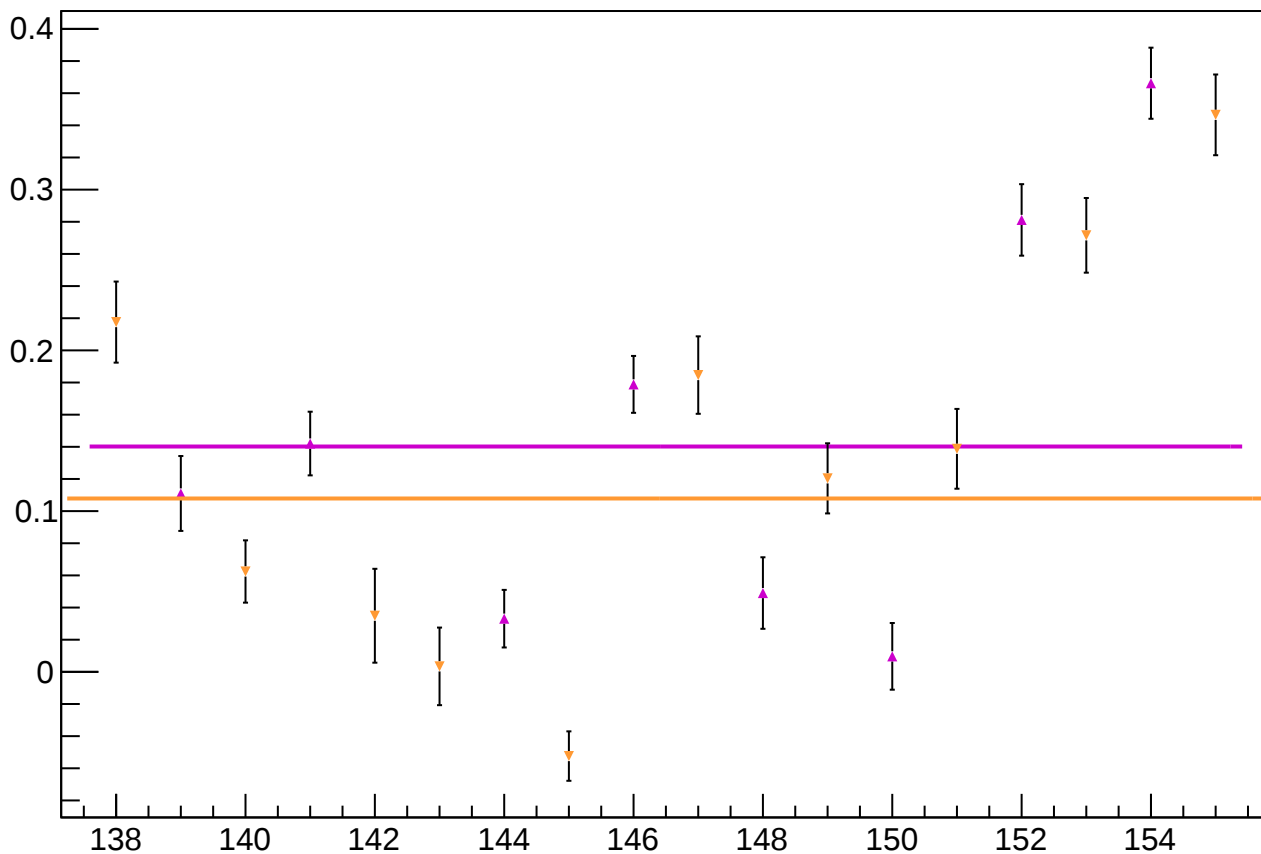
-35.014+/-0.143 χ^2/NDF : 1098.8/9

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

-33.922+/-0.145 χ^2/NDF : 737.2/7

Left In: -33.922+/-0.145 χ^2/NDF : 737.2/7

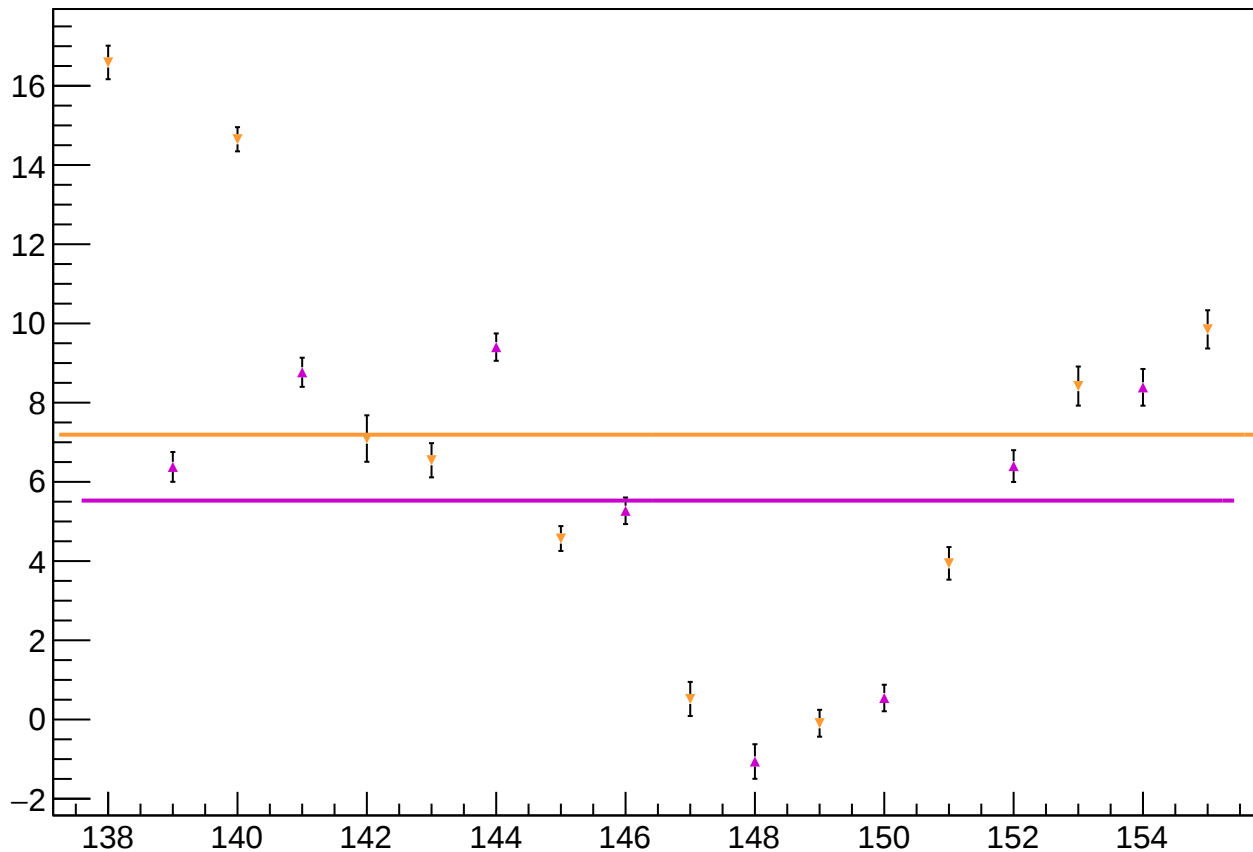
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.108 $\pm$ 0.007 χ^2 /NDF:310.0/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.140 $\pm$ 0.007 χ^2 /NDF:243.1/7

0.108 $\pm$ 0.007 χ^2 /NDF: 310.0/9
 0.140 $\pm$ 0.007 χ^2 /NDF: 243.1/7

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug

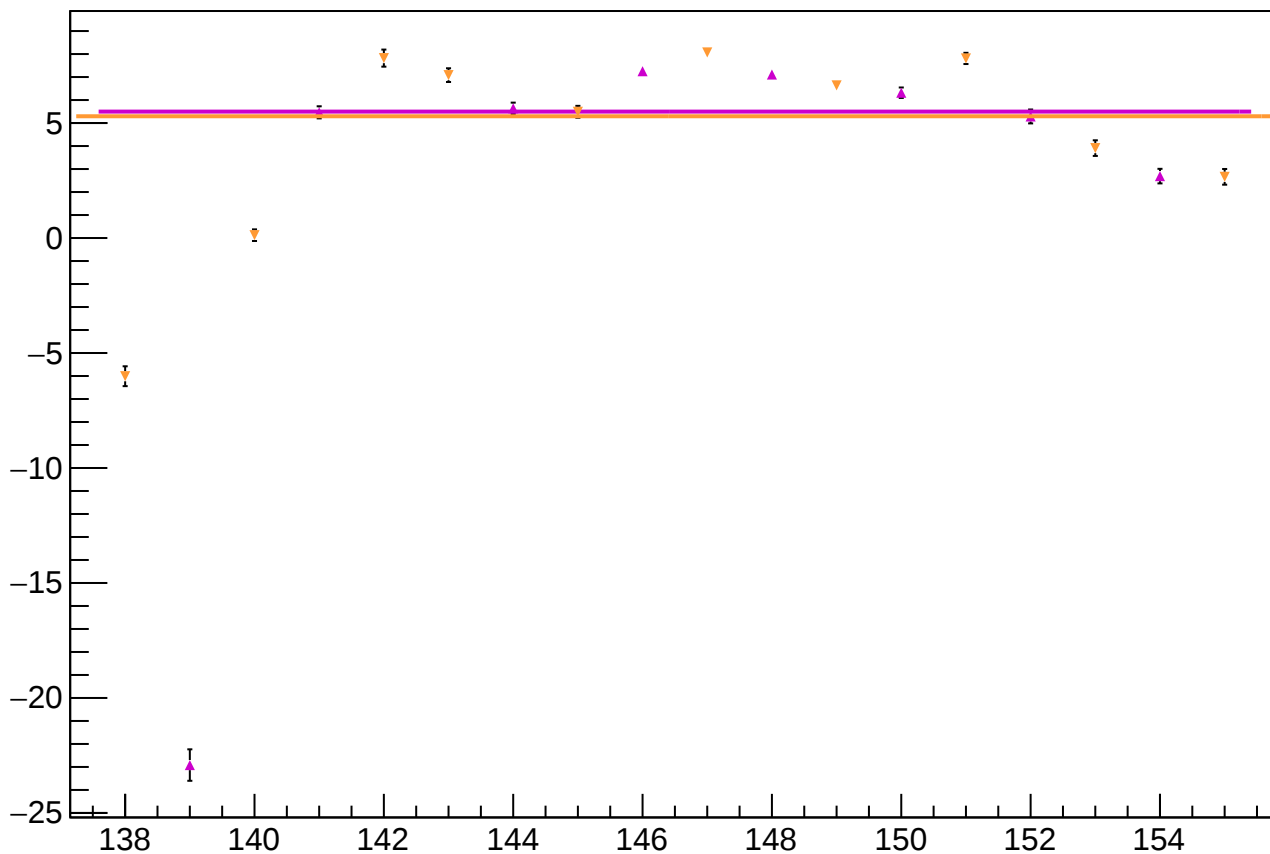


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.191+/-0.126 χ^2/NDF :1961.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.528+/-0.133 χ^2/NDF :701.1/7

7.191+/-0.126 χ^2/NDF : 1961.3/9

5.528+/-0.133 χ^2/NDF : 701.1/7

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 5.294 $\pm$ 0.087 χ^2 /NDF:1587.0/9

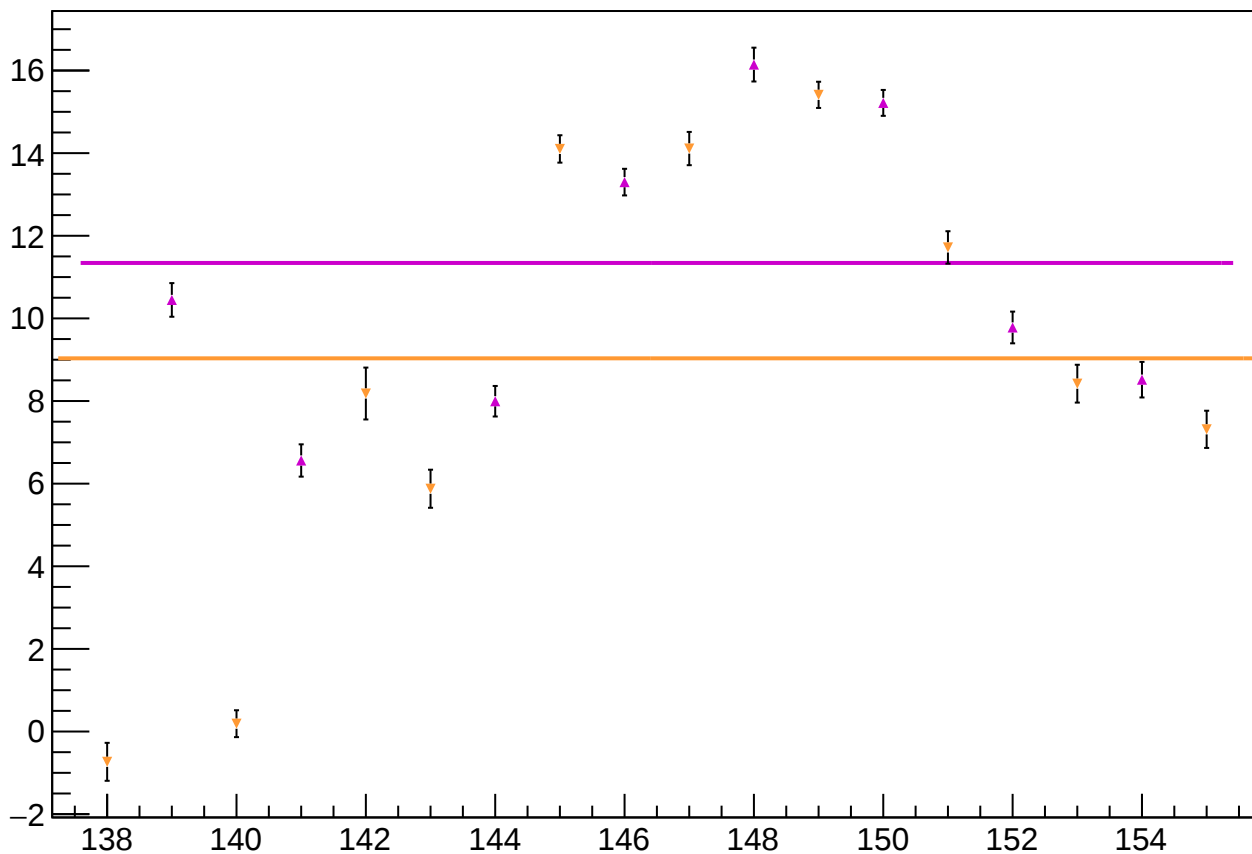
5.294 $\pm$ 0.087 χ^2 /NDF: 1587.0/9

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

Left In: 5.497 $\pm$ 0.093 χ^2 /NDF:1939.8/7

5.497 $\pm$ 0.093 χ^2 /NDF: 1939.8/7

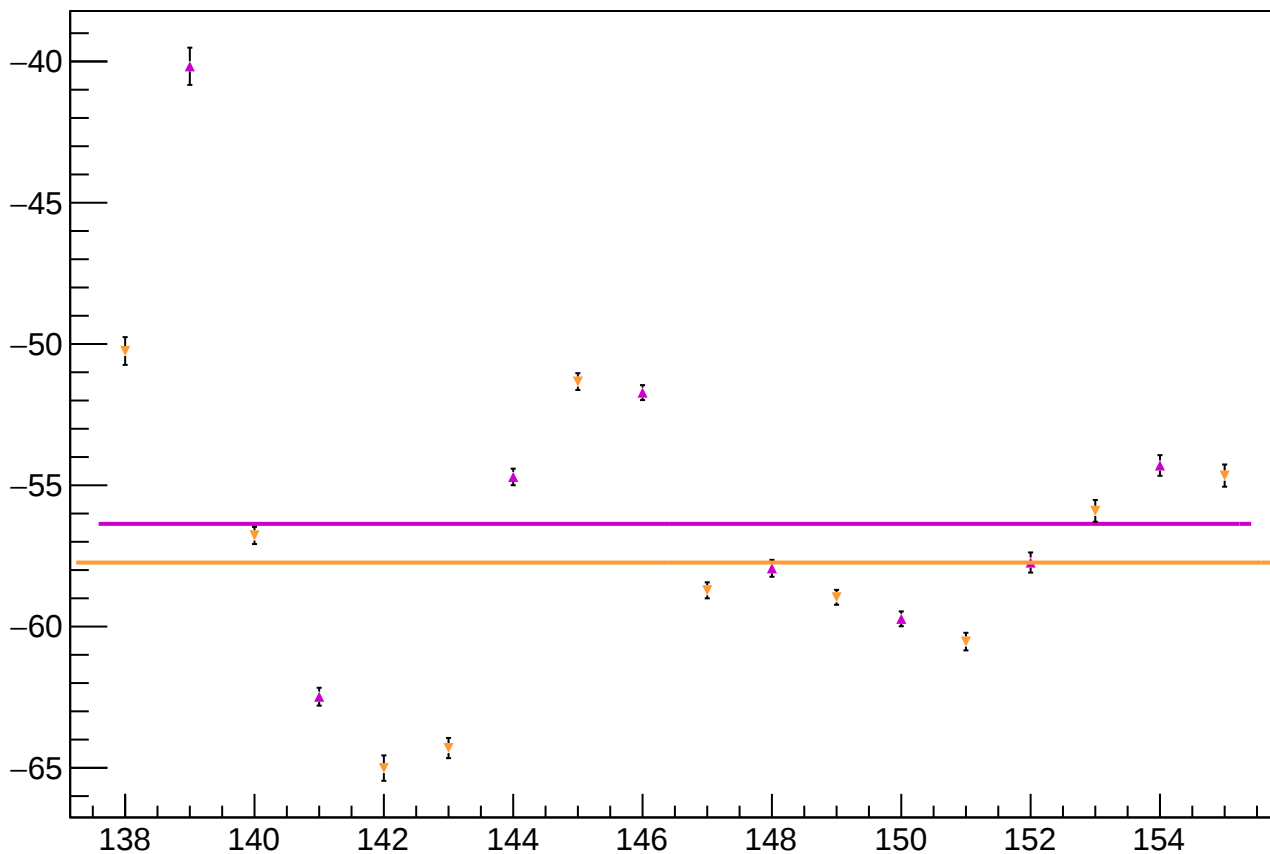
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.033 $\pm$ 0.126 χ^2 /NDF:2100.0/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.342 $\pm$ 0.131 χ^2 /NDF:623.1/7

9.033 $\pm$ 0.126 χ^2 /NDF: 2100.0/9
 11.342 $\pm$ 0.131 χ^2 /NDF: 623.1/7

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.735+/-0.106 χ^2/NDF :1503.4/9

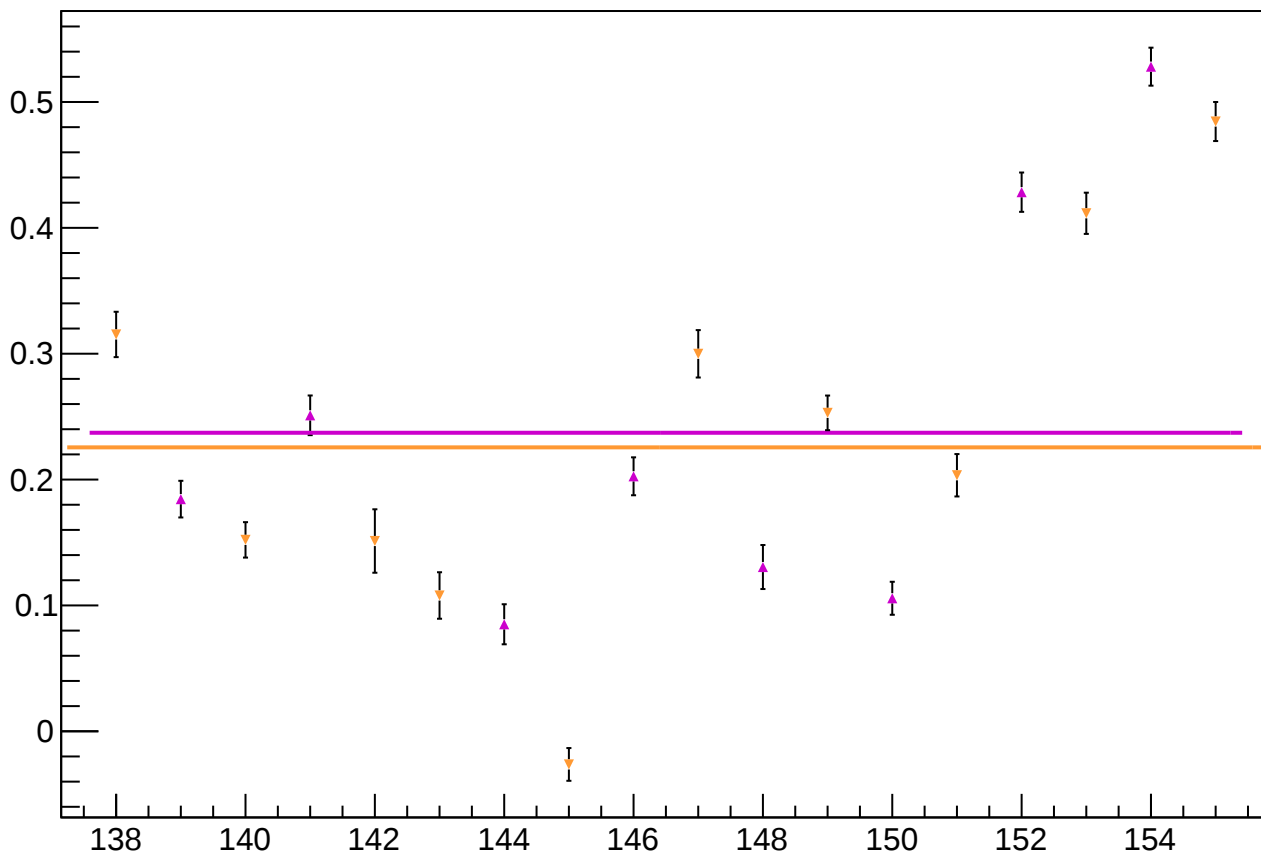
-57.735+/-0.106 χ^2/NDF : 1503.4/9

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

Left In: -56.365+/-0.112 χ^2/NDF :1555.0/7

-56.365+/-0.112 χ^2/NDF : 1555.0/7

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.226 $\pm$ 0.005 χ^2 /NDF: 904.9/9

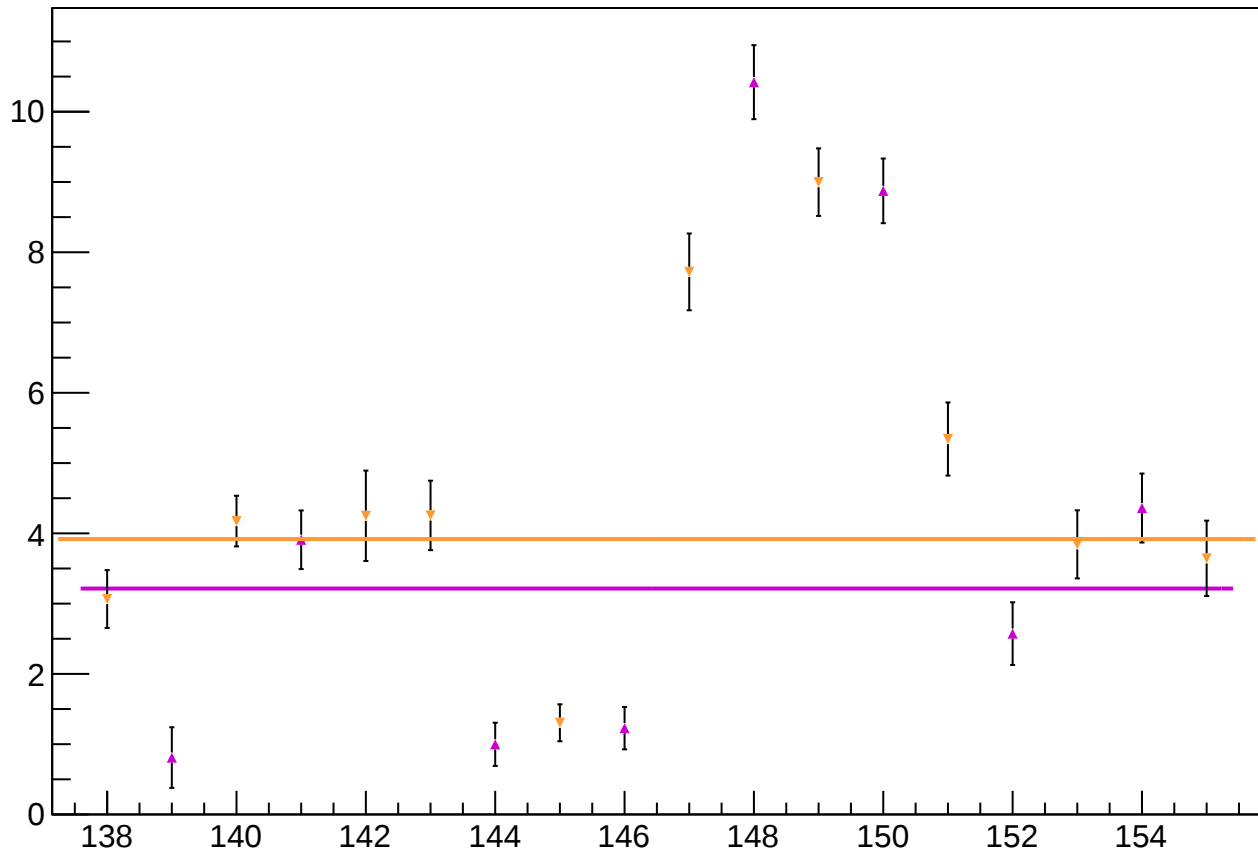
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.237 $\pm$ 0.005 χ^2 /NDF: 769.7/7

0.226 $\pm$ 0.005 χ^2 /NDF: 904.9/9

0.237 $\pm$ 0.005 χ^2 /NDF: 769.7/7

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug

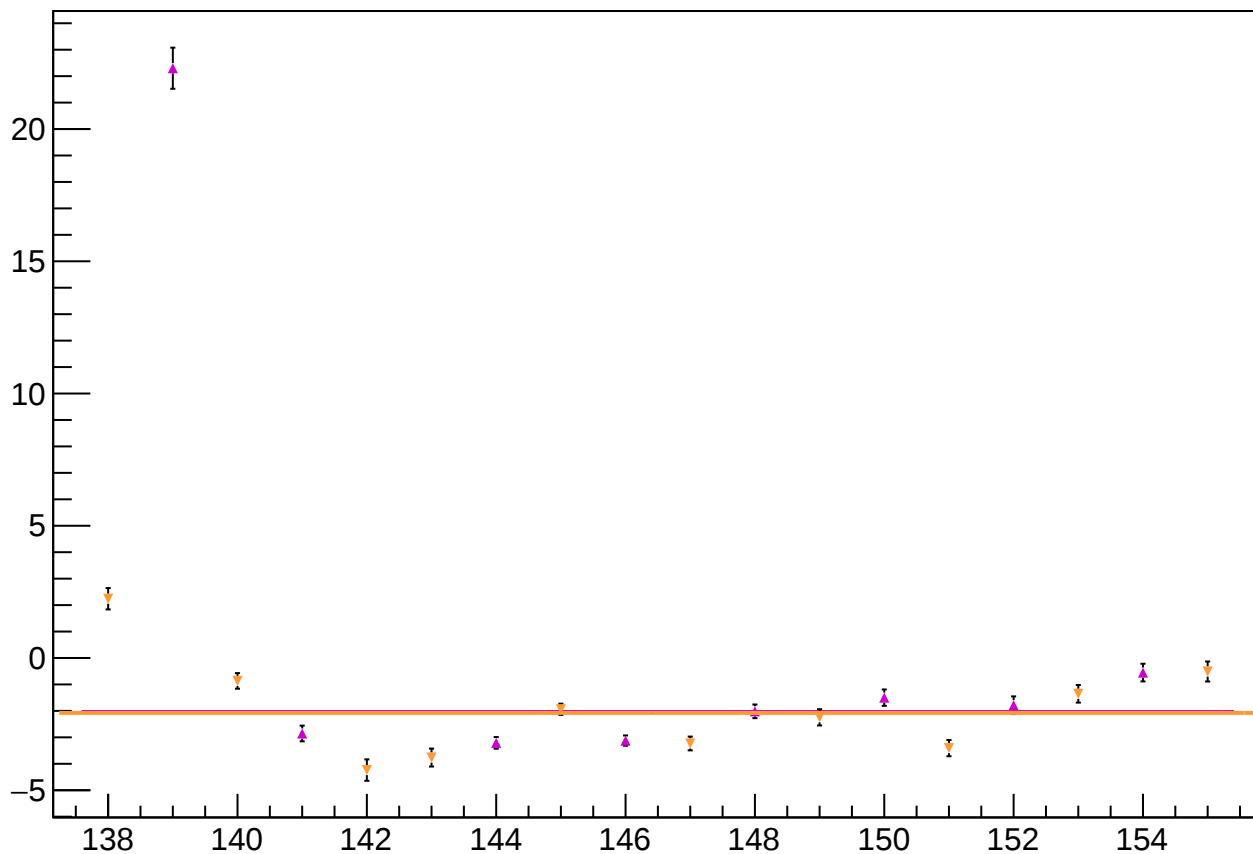


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.919+/-0.136 χ^2/NDF : 272.2/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.215+/-0.141 χ^2/NDF : 475.4/7

3.919+/-0.136 χ^2/NDF : 272.2/9

3.215+/-0.141 χ^2/NDF : 475.4/7

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -2.076+/-0.097 χ^2/NDF : 245.2/9

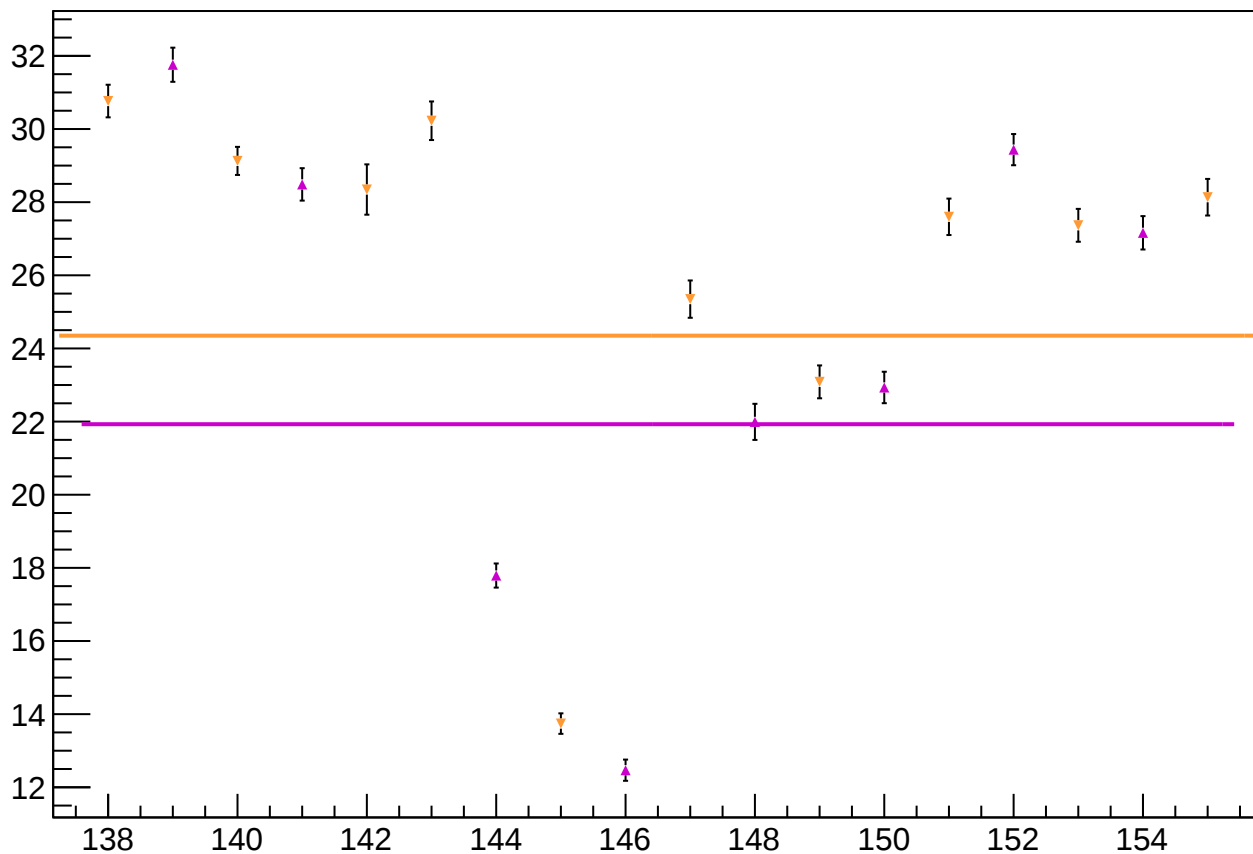
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.042+/-0.098 χ^2/NDF : 1071.2/7

-2.076+/-0.097 χ^2/NDF : 245.2/9

-2.042+/-0.098 χ^2/NDF : 1071.2/7

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 24.350+/-0.139 χ^2/NDF : 2108.1/9

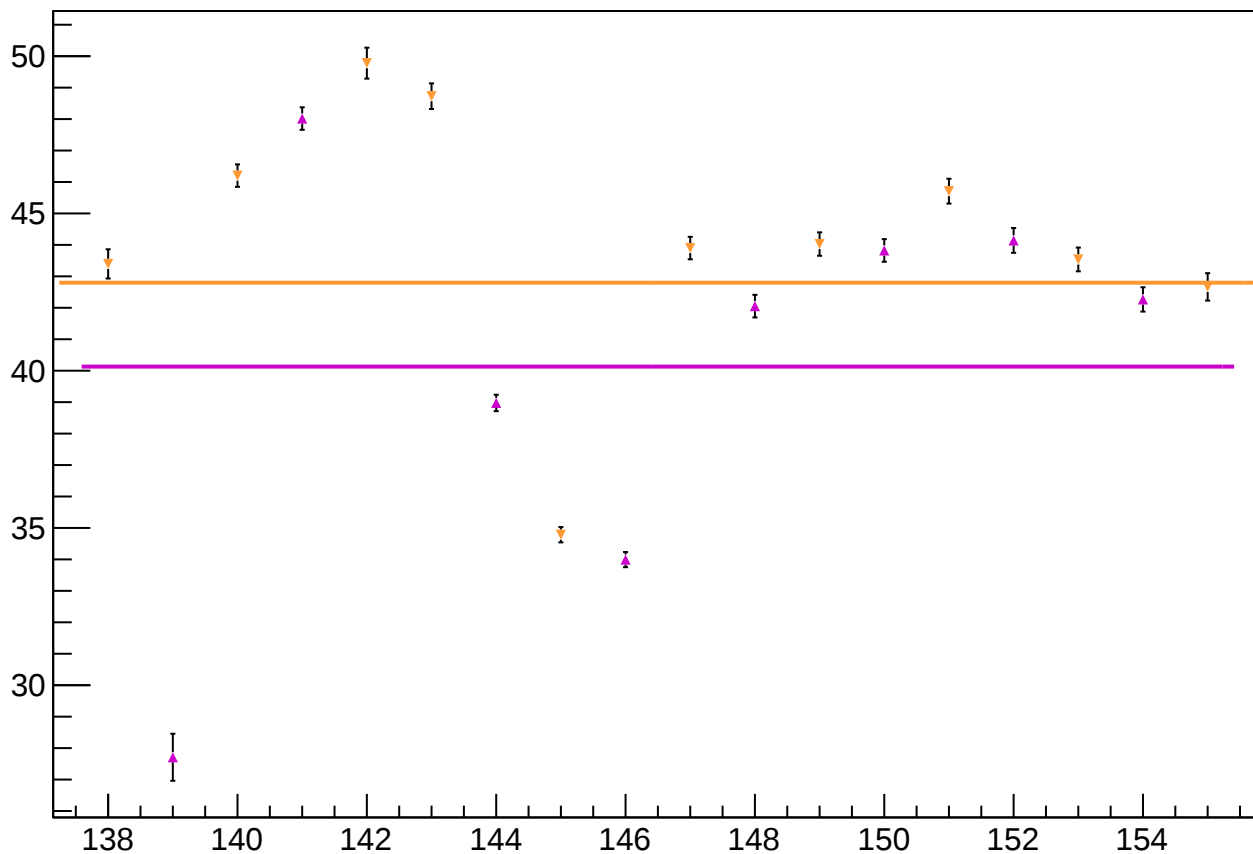
24.350+/-0.139 χ^2/NDF : 2108.1/9

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

Left In: 21.928+/-0.141 χ^2/NDF : 2330.3/7

21.928+/-0.141 χ^2/NDF : 2330.3/7

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: 42.797+/-0.117 χ^2/NDF :1662.7/9

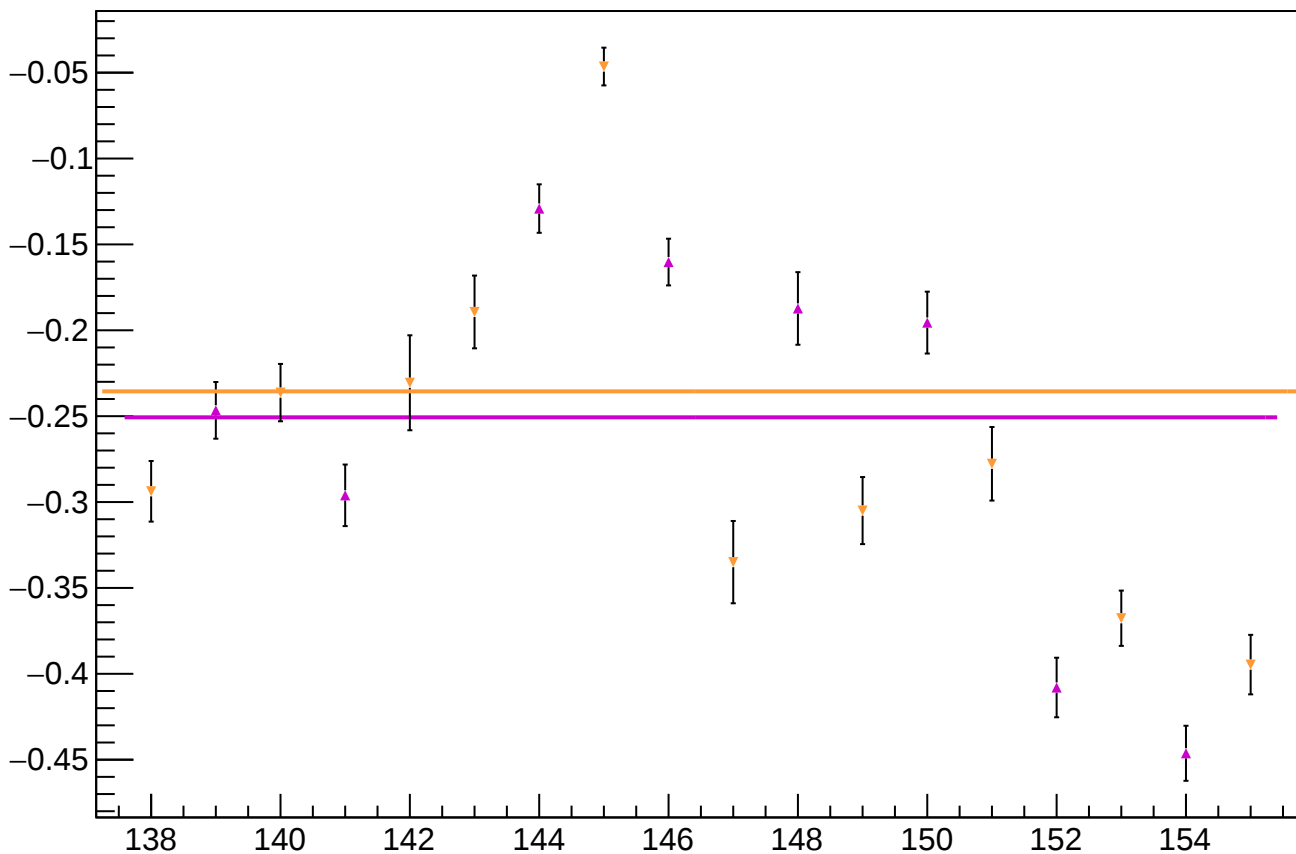
42.797+/-0.117 χ^2/NDF : 1662.7/9

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

Left In: 40.130+/-0.119 χ^2/NDF :1700.7/7

40.130+/-0.119 χ^2/NDF : 1700.7/7

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: -0.236+/-0.006 χ^2/NDF : 497.5/9

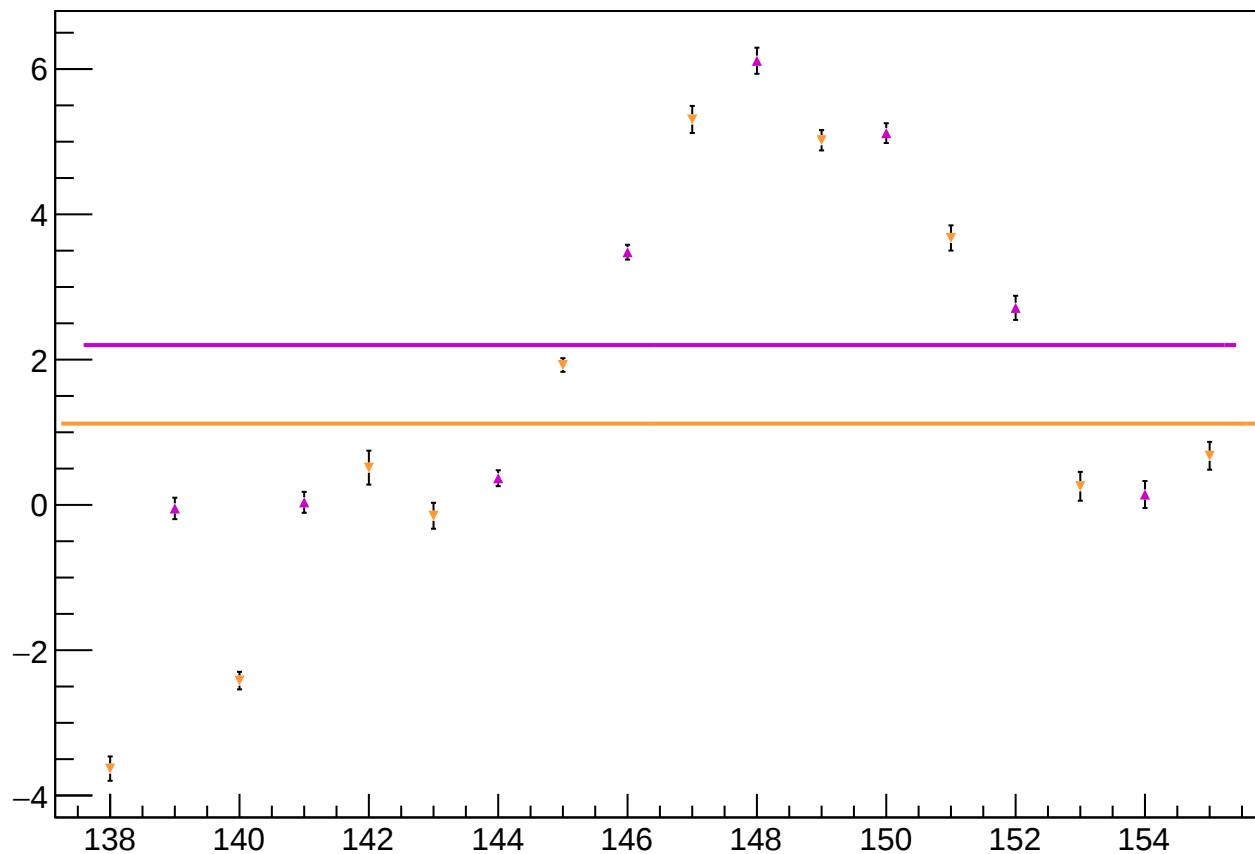
-0.236+/-0.006 χ^2/NDF : 497.5/9

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

-0.251+/-0.006 χ^2/NDF : 374.6/7

Left In: -0.251+/-0.006 χ^2/NDF : 374.6/7

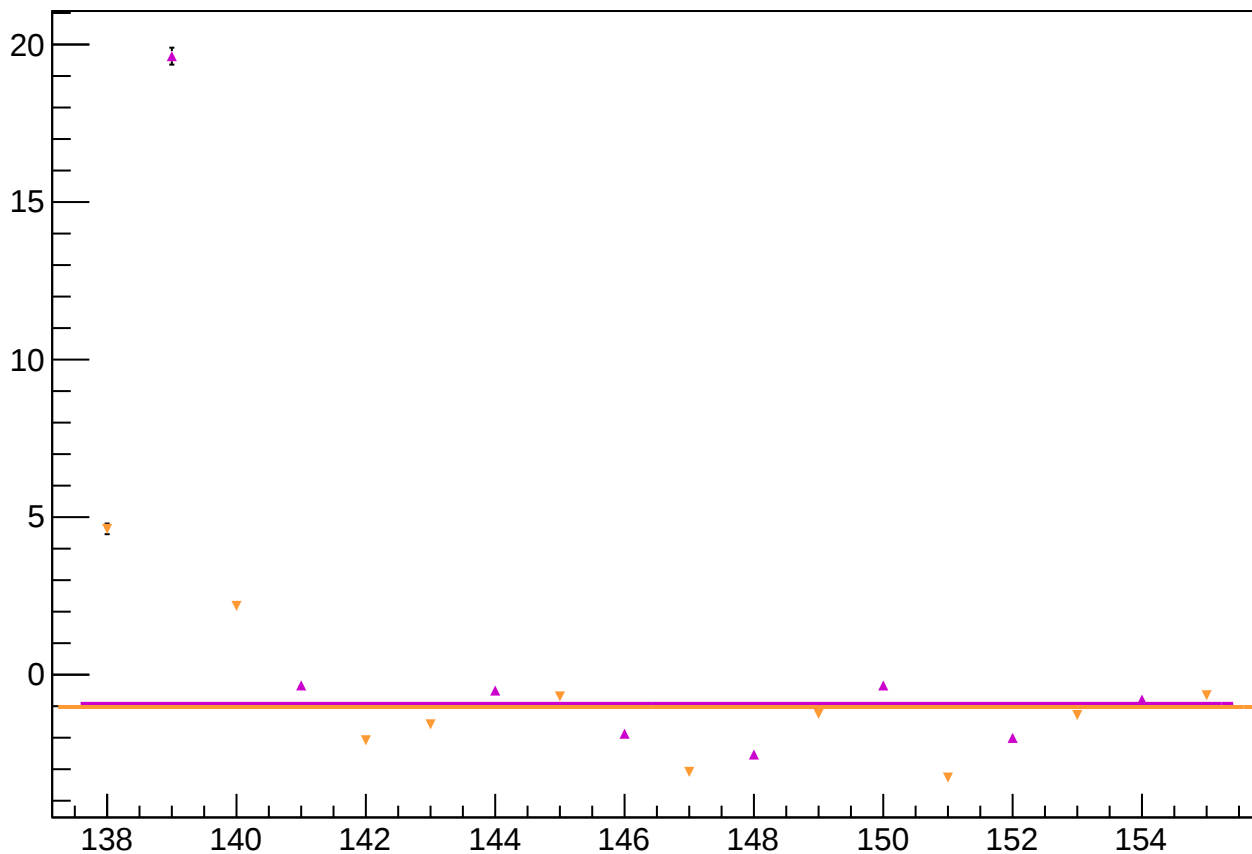
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.120+/-0.048 χ^2/NDF :3308.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.201+/-0.049 χ^2/NDF :1959.0/7

1.120+/-0.048 χ^2/NDF : 3308.3/9
 2.201+/-0.049 χ^2/NDF : 1959.0/7

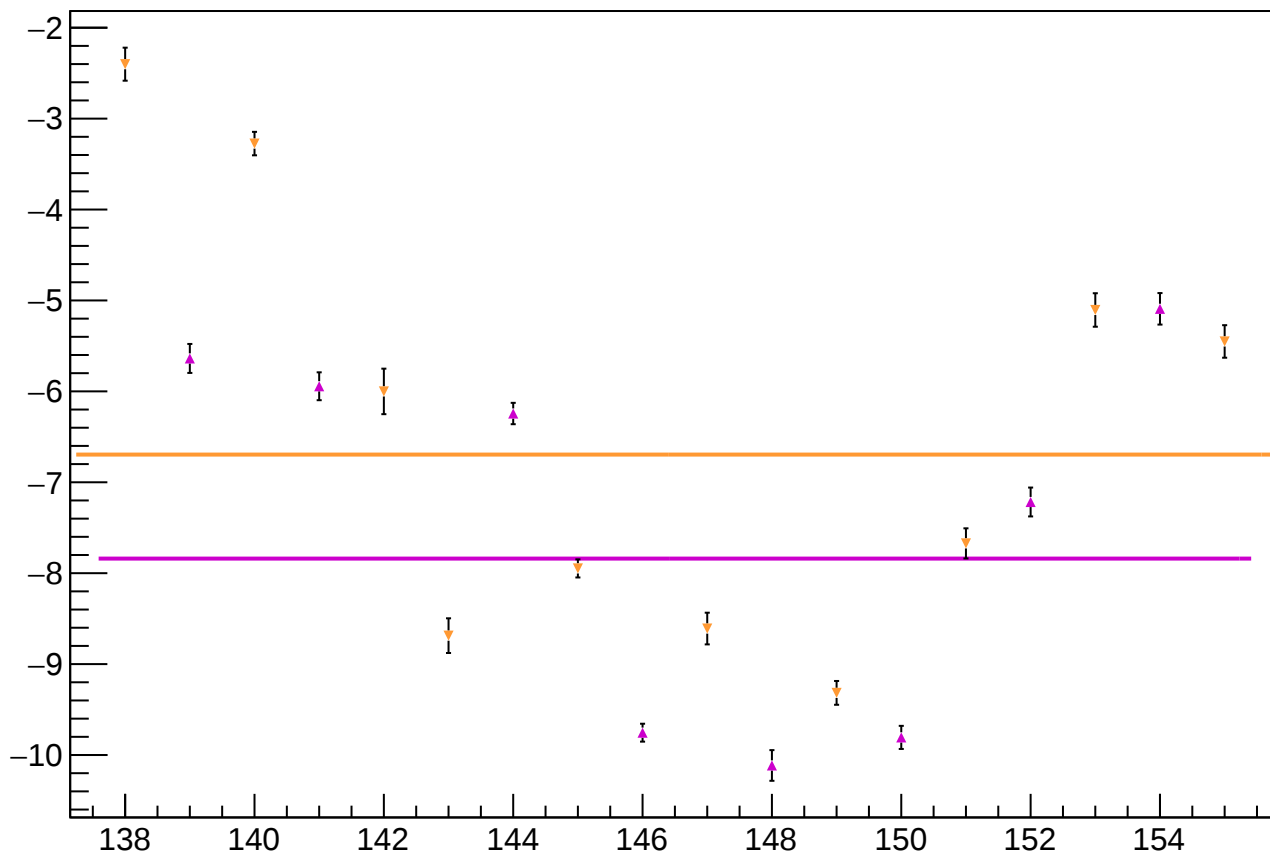
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.026+/-0.034 χ^2/NDF : 3255.1/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.926+/-0.034 χ^2/NDF : 6544.5/7

-1.026+/-0.034 χ^2/NDF : 3255.1/9
 -0.926+/-0.034 χ^2/NDF : 6544.5/7

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -6.695+/-0.049 χ^2/NDF : 2215.7/9

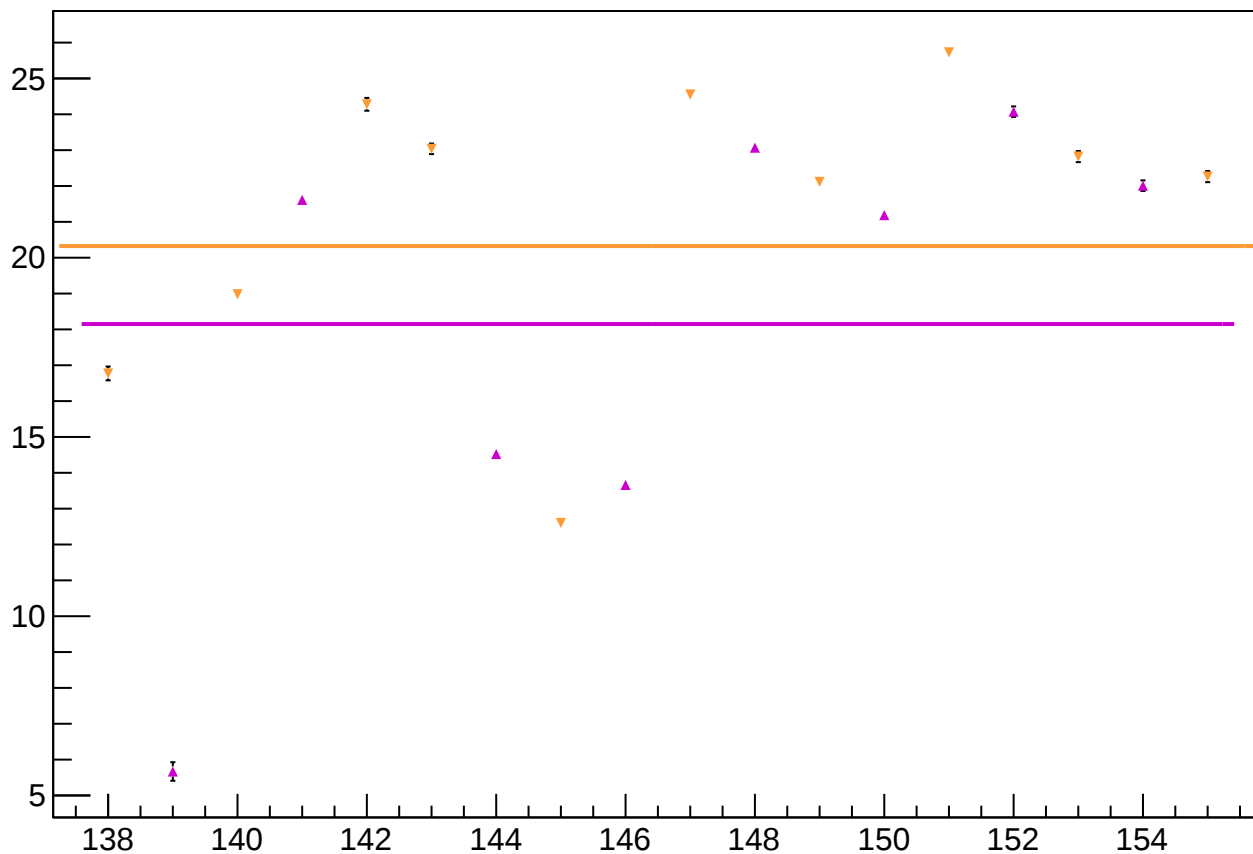
-6.695+/-0.049 χ^2/NDF : 2215.7/9

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

-7.839+/-0.048 χ^2/NDF : 1594.1/7

Left In: -7.839+/-0.048 χ^2/NDF : 1594.1/7

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: 20.324+/-0.041 χ^2/NDF :12508.8/9

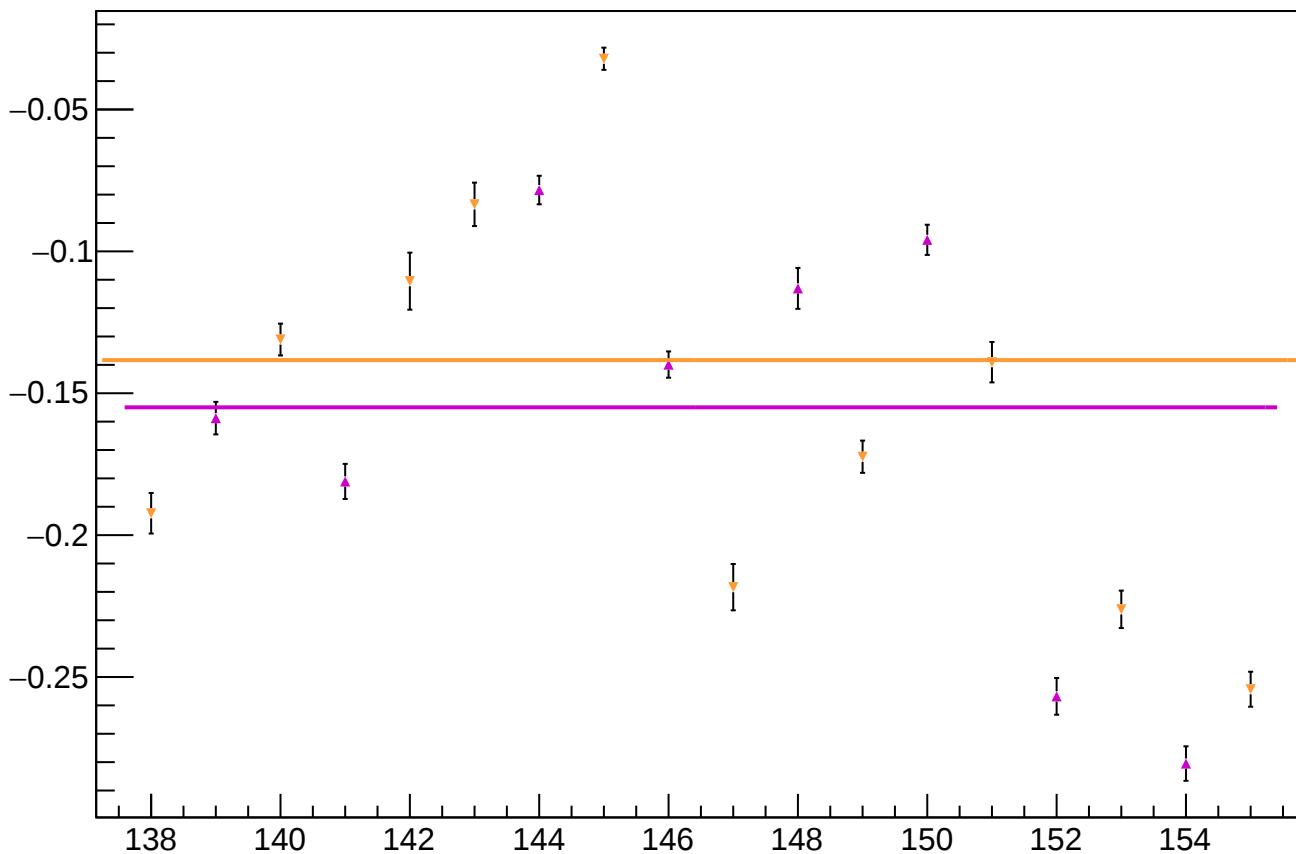
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 18.150+/-0.041 χ^2/NDF :12297.9/7

20.324+/-0.041 χ^2/NDF : 12508.8/9

18.150+/-0.041 χ^2/NDF : 12297.9/7

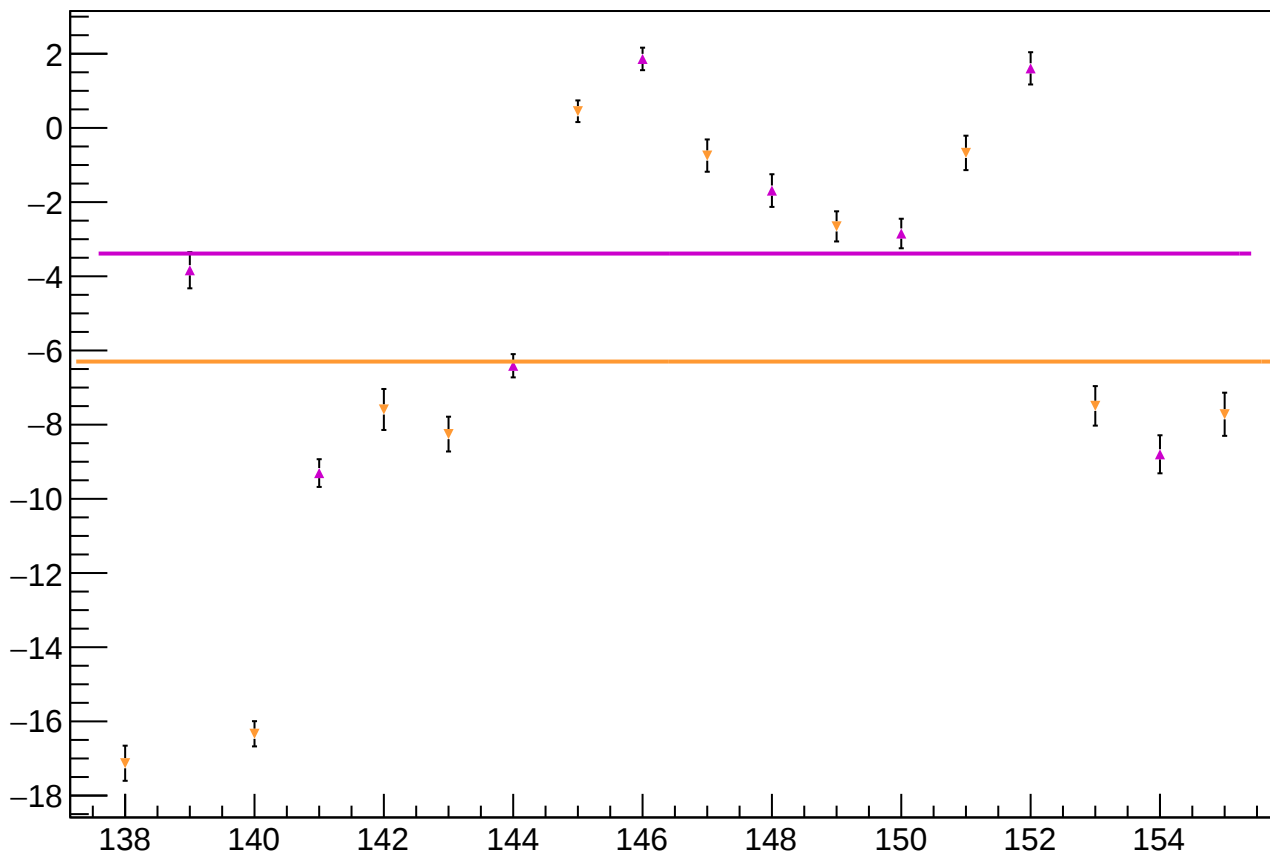
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.138+/-0.002 χ^2/NDF :1519.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.155+/-0.002 χ^2/NDF :1092.1/7

-0.138+/-0.002 χ^2/NDF : 1519.4/9
 -0.155+/-0.002 χ^2/NDF : 1092.1/7

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug

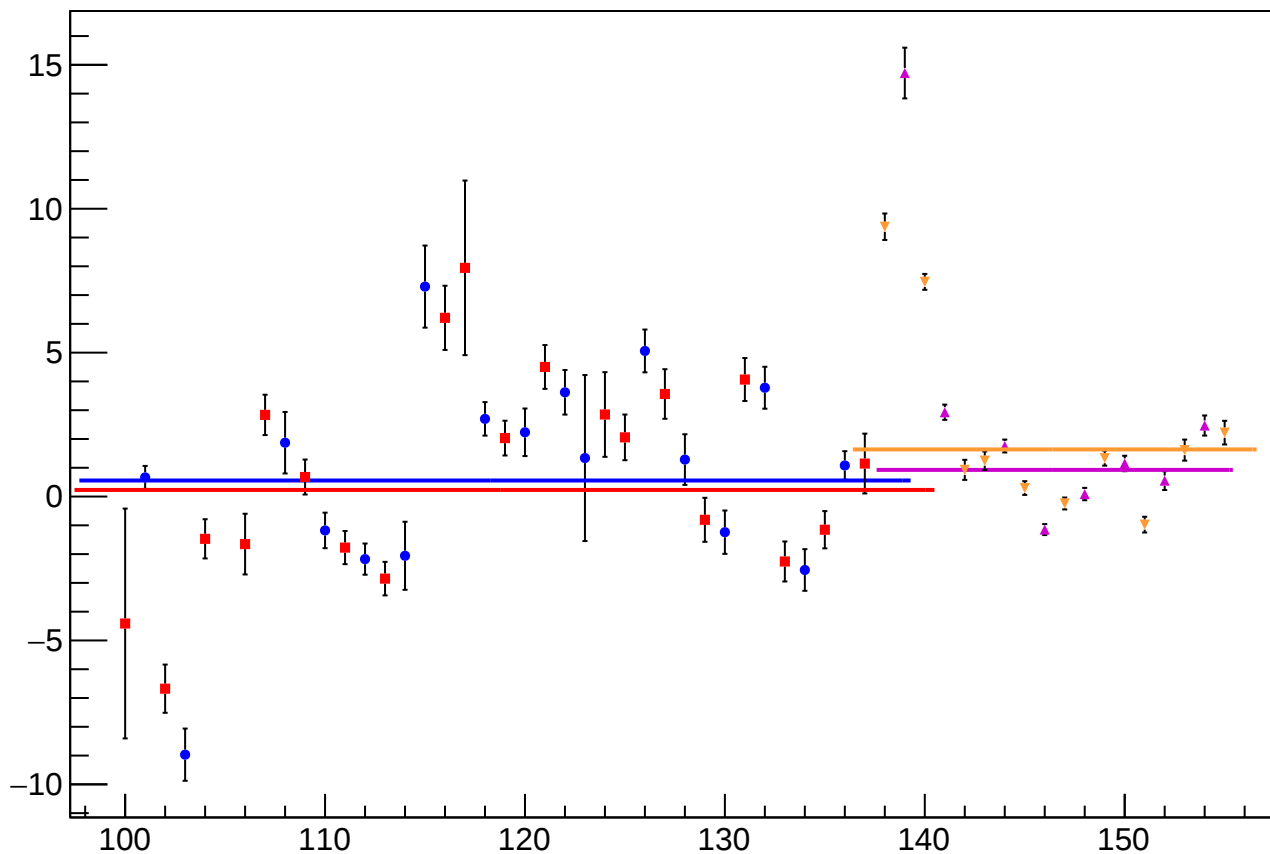


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.299+/-0.135 χ^2/NDF : 2352.1/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.387+/-0.137 χ^2/NDF : 903.3/7

-6.299+/-0.135 χ^2/NDF : 2352.1/9

-3.387+/-0.137 χ^2/NDF : 903.3/7

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.558 ± 0.170 χ^2/NDF : 287.9/16

Left Out: 1.637 ± 0.092 χ^2/NDF : 941.7/9

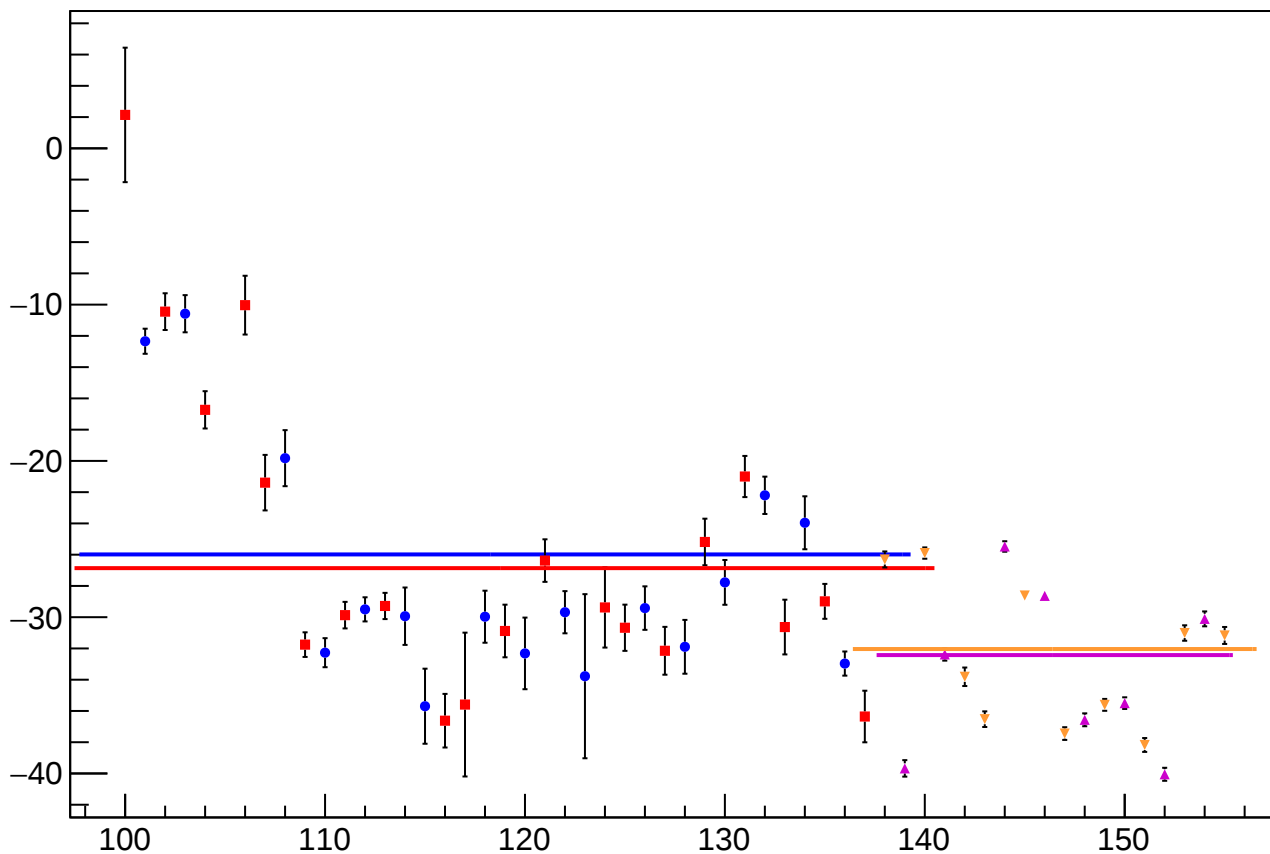
Right Out: 0.230 ± 0.174 χ^2/NDF : 278.5/19

Left In: 0.926 ± 0.093 χ^2/NDF : 470.4/7

1.393 ± 0.081 χ^2/NDF : 1260.8/26

0.772 ± 0.082 χ^2/NDF : 761.4/27

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -25.984 ± 0.300 χ^2/NDF : 691.5/16

Left Out: -32.037 ± 0.136 χ^2/NDF : 1087.7/9

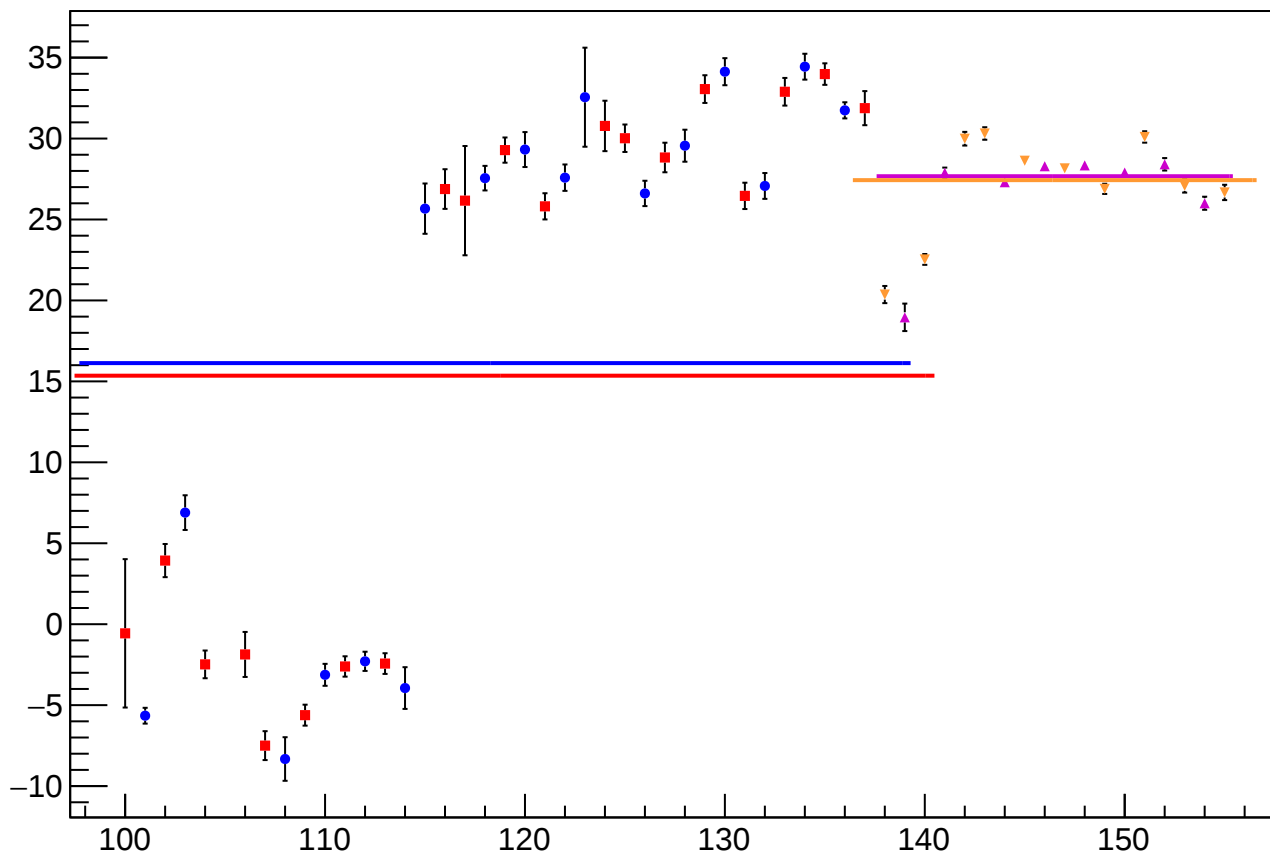
Right Out: -26.861 ± 0.297 χ^2/NDF : 585.2/19

Left In: -32.424 ± 0.136 χ^2/NDF : 1313.4/7

-31.011 ± 0.124 χ^2/NDF : 2116.4/26

-31.456 ± 0.124 χ^2/NDF : 2188.3/27

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.129+/-0.192 χ^2 /NDF: 7572.5/16

Left Out: 27.431+/-0.113 χ^2 /NDF:574.0/9

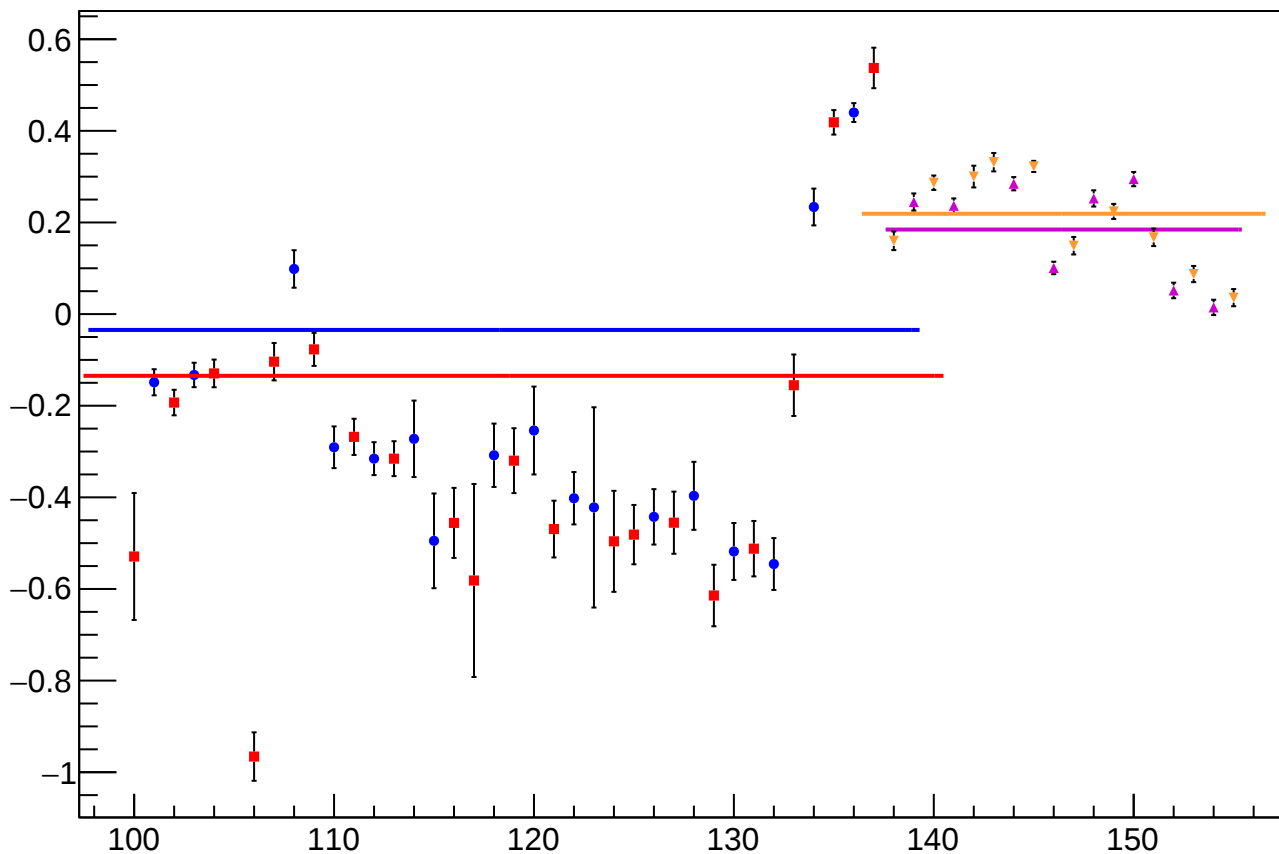
Right Out: 15.352+/-0.197 χ^2 /NDF: 7288.4/19

Left In: 27.673+/-0.114 χ^2 /NDF:140.8/7

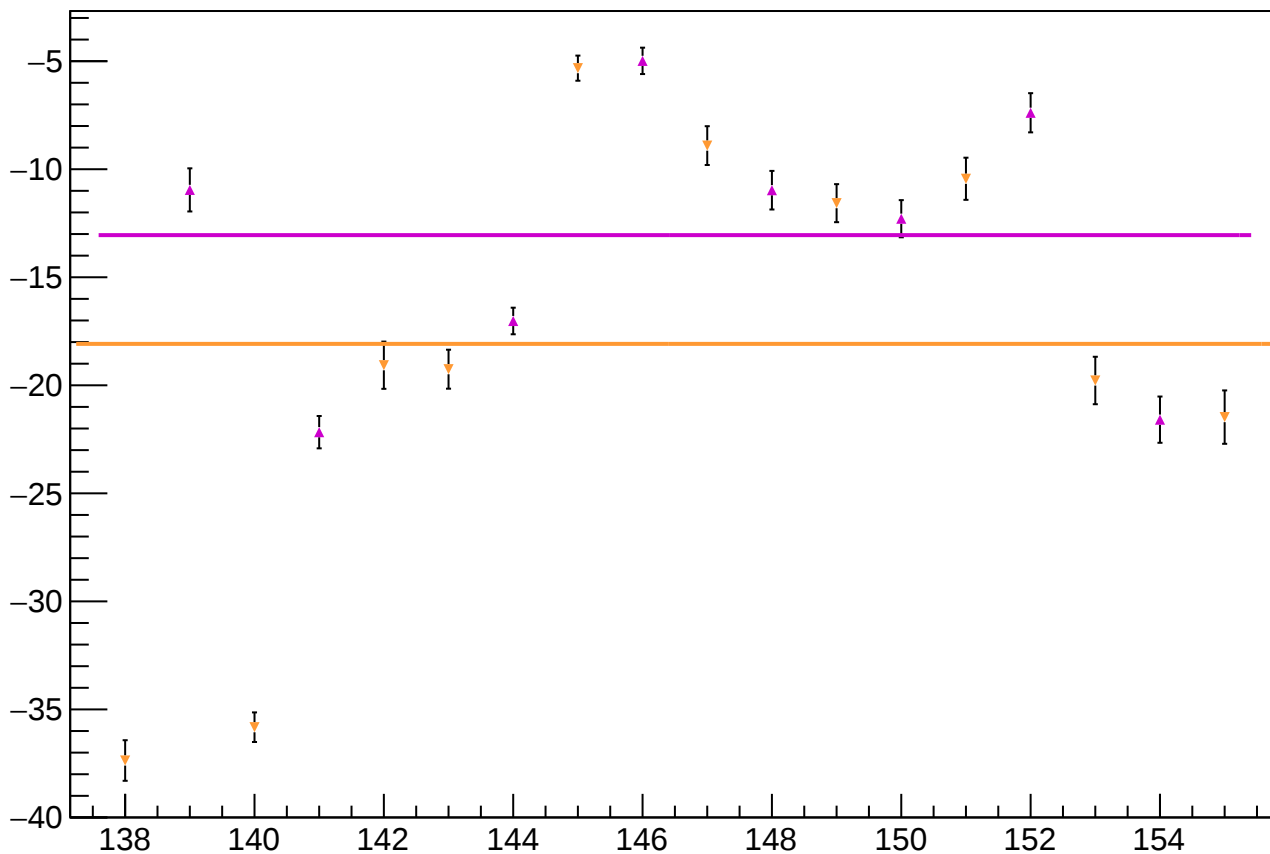
24.537+/-0.097 χ^2 /NDF: 10722.7/26

24.582+/-0.099 χ^2 /NDF: 10368.9/27

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.083+/-0.274 χ^2/NDF : 1807.0/9

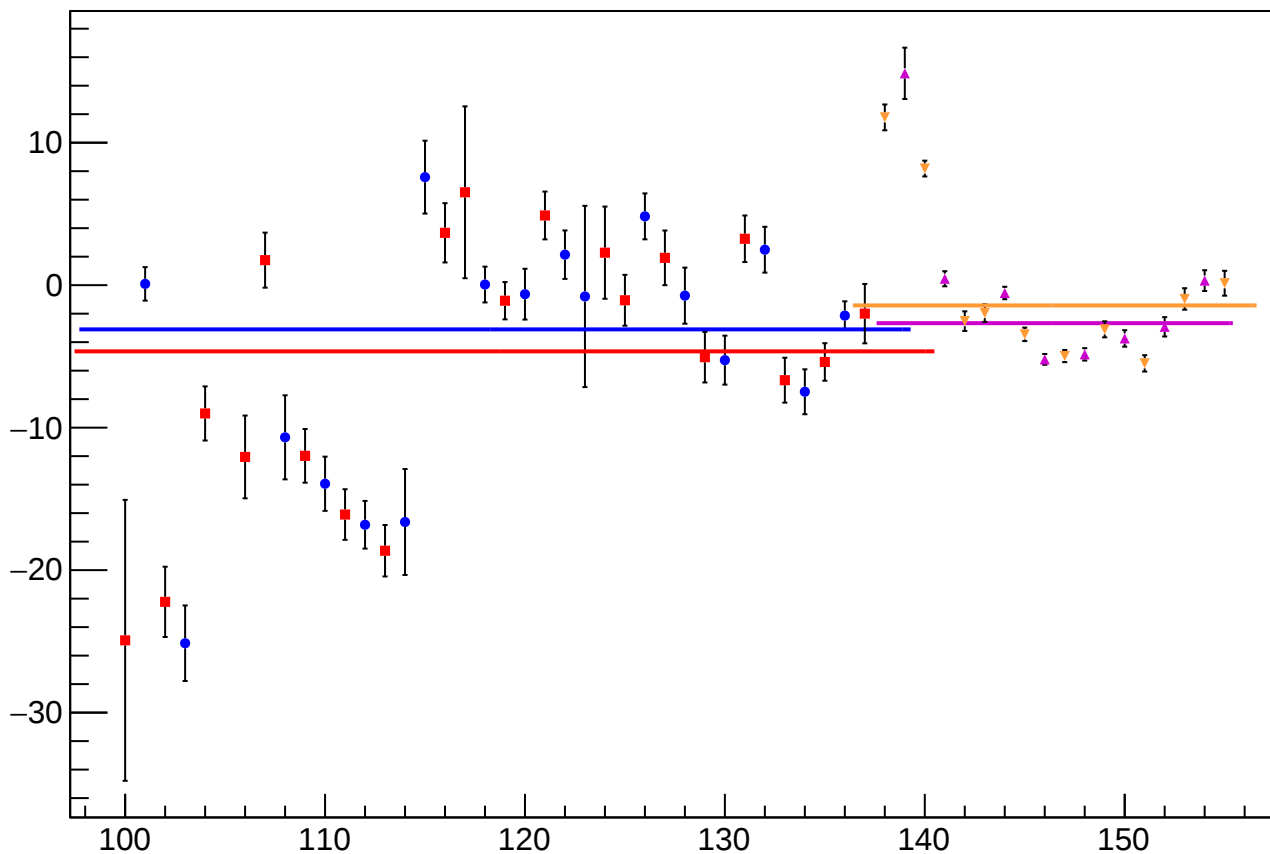
-18.083+/-0.274 χ^2/NDF : 1807.0/9

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

Left In: -13.050+/-0.279 χ^2/NDF : 478.0/7

-13.050+/-0.279 χ^2/NDF : 478.0/7

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.104 ± 0.411 χ^2/NDF : 279.1/16

Left Out: -1.422 ± 0.187 χ^2/NDF : 665.3/9

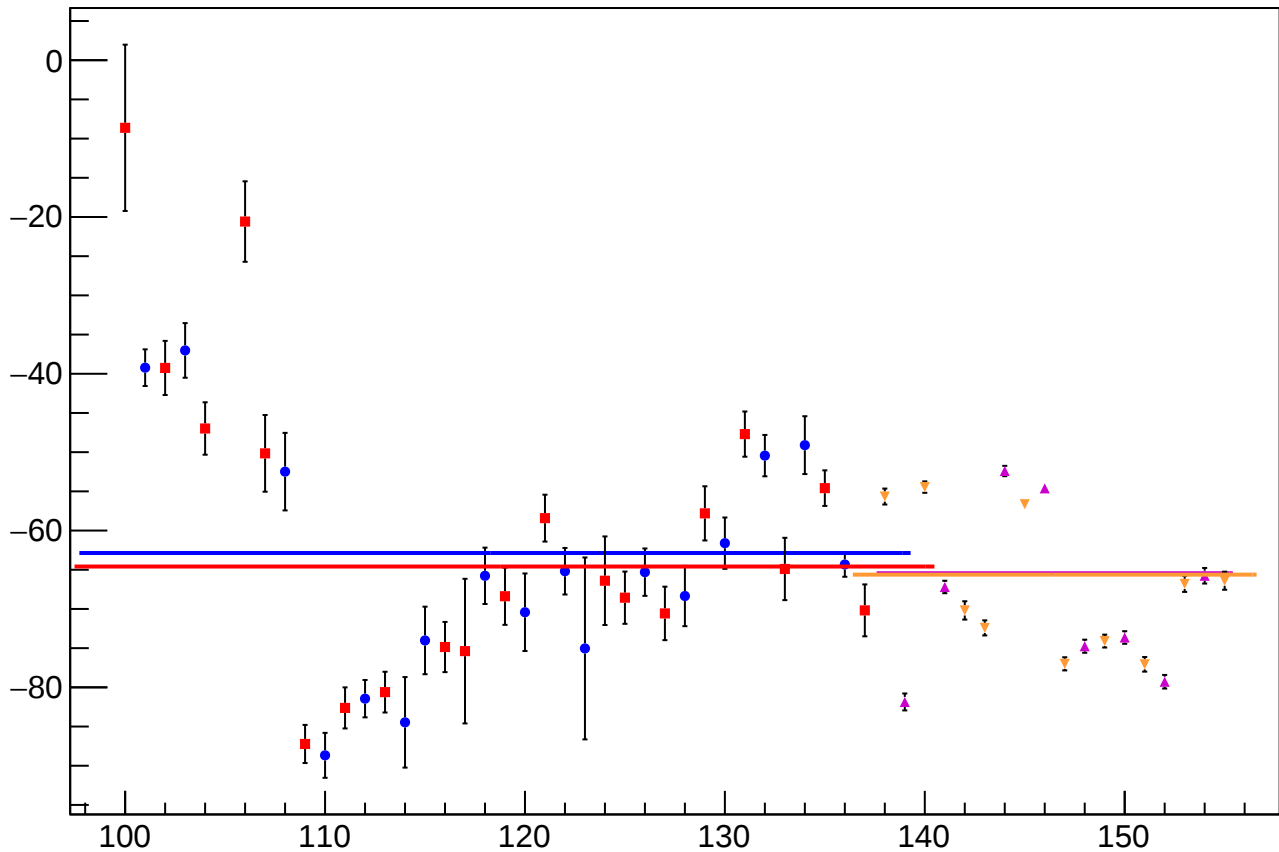
Right Out: -4.645 ± 0.425 χ^2/NDF : 301.1/19

Left In: -2.667 ± 0.188 χ^2/NDF : 243.9/7

-1.711 ± 0.171 χ^2/NDF : 958.3/26

-2.989 ± 0.172 χ^2/NDF : 563.1/27

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.863 ± 0.741 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -65.623 ± 0.277 $\chi^2/\text{NDF}: 1049.6/9$

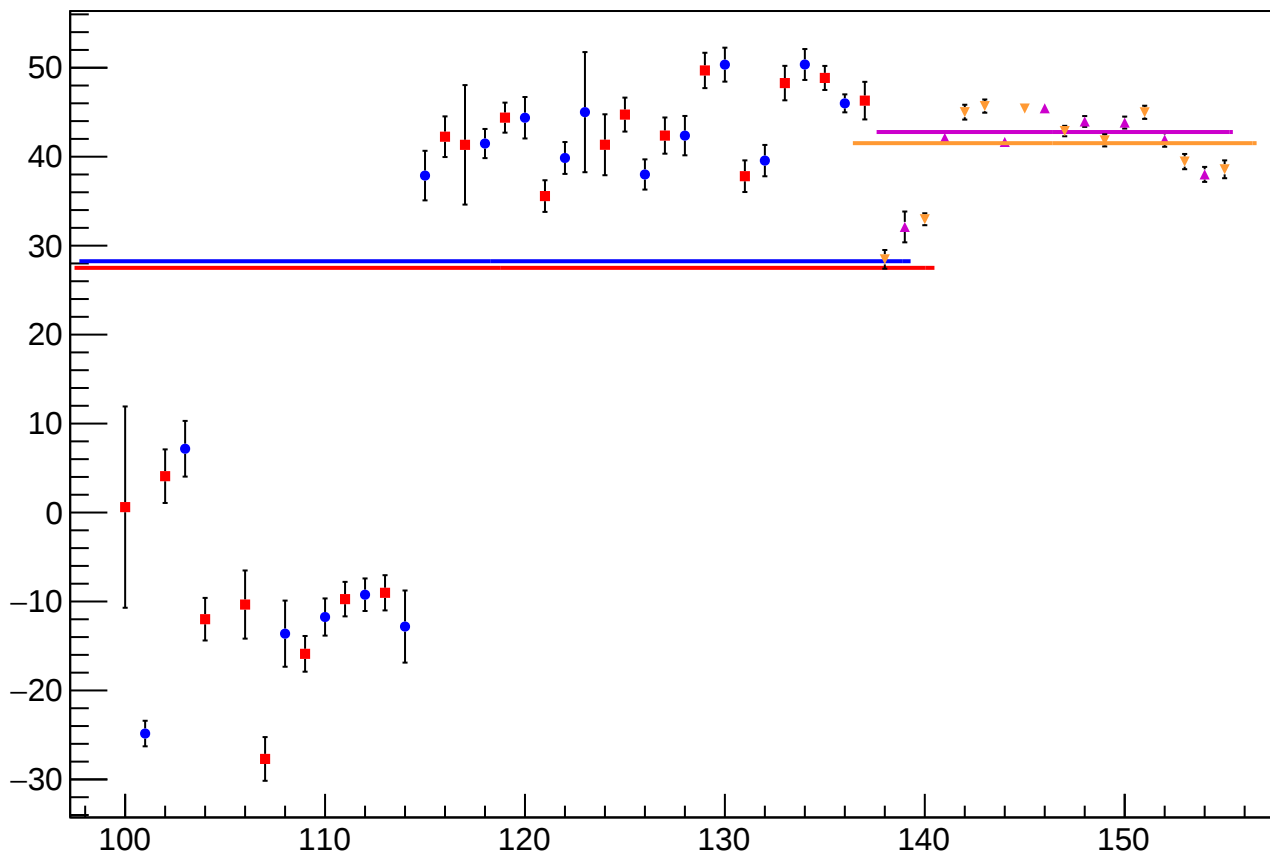
Right Out: -64.588 ± 0.749 $\chi^2/\text{NDF}: 445.6/19$

Left In: -65.444 ± 0.278 $\chi^2/\text{NDF}: 1450.2/7$

-65.284 ± 0.259 $\chi^2/\text{NDF}: 1430.5/26$

-65.341 ± 0.260 $\chi^2/\text{NDF}: 1896.9/27$

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: 41.521 $\pm$ 0.230 χ^2 /NDF: 459.1/9

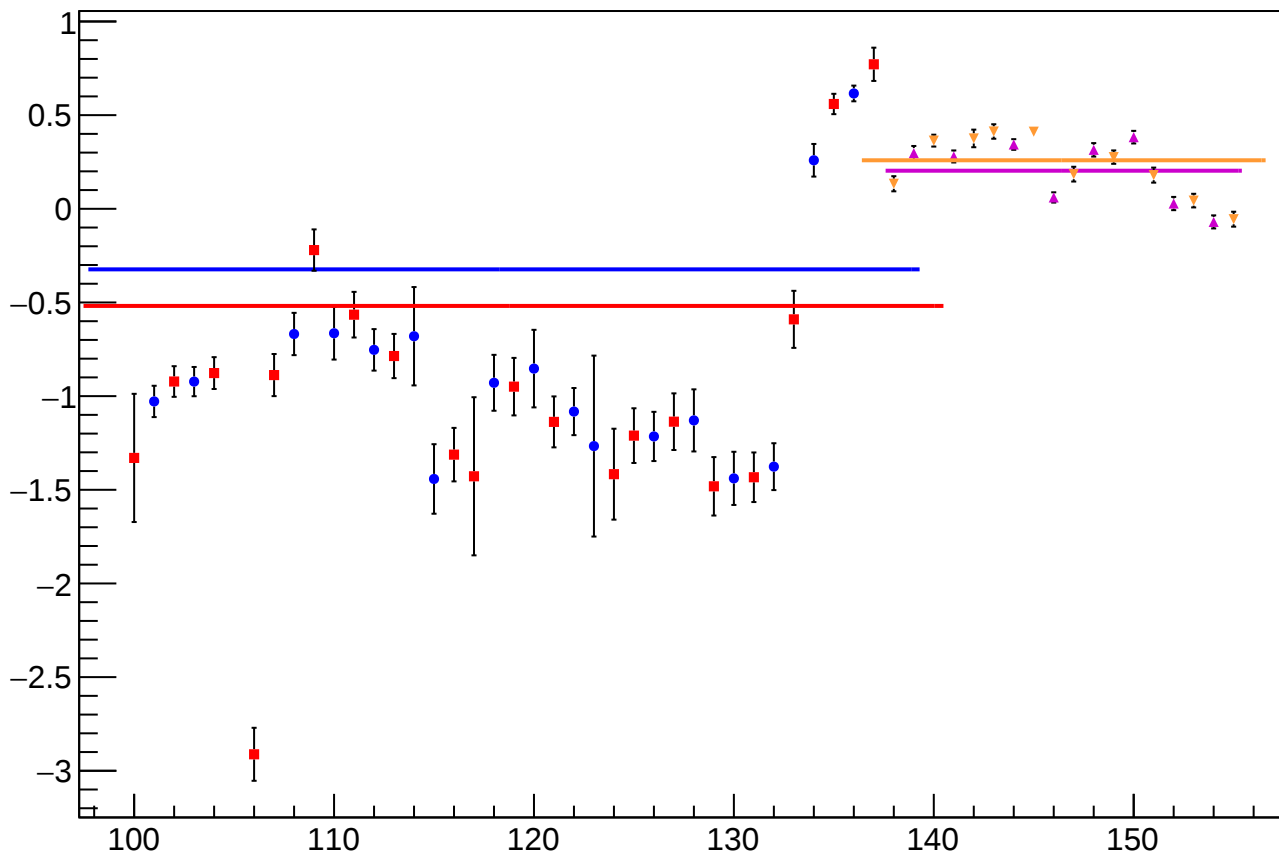
Right Out: 27.505 $\pm$ 0.478 χ^2 /NDF: 3036.7/19

Left In: 42.773 $\pm$ 0.231 χ^2 /NDF: 114.4/7

38.876 $\pm$ 0.205 χ^2 /NDF: 4444.8/26

39.882 $\pm$ 0.208 χ^2 /NDF: 3979.6/27

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.323 ± 0.025 χ^2/NDF : 1010.8/16

Left Out: 0.259 ± 0.011 χ^2/NDF : 187.0/9

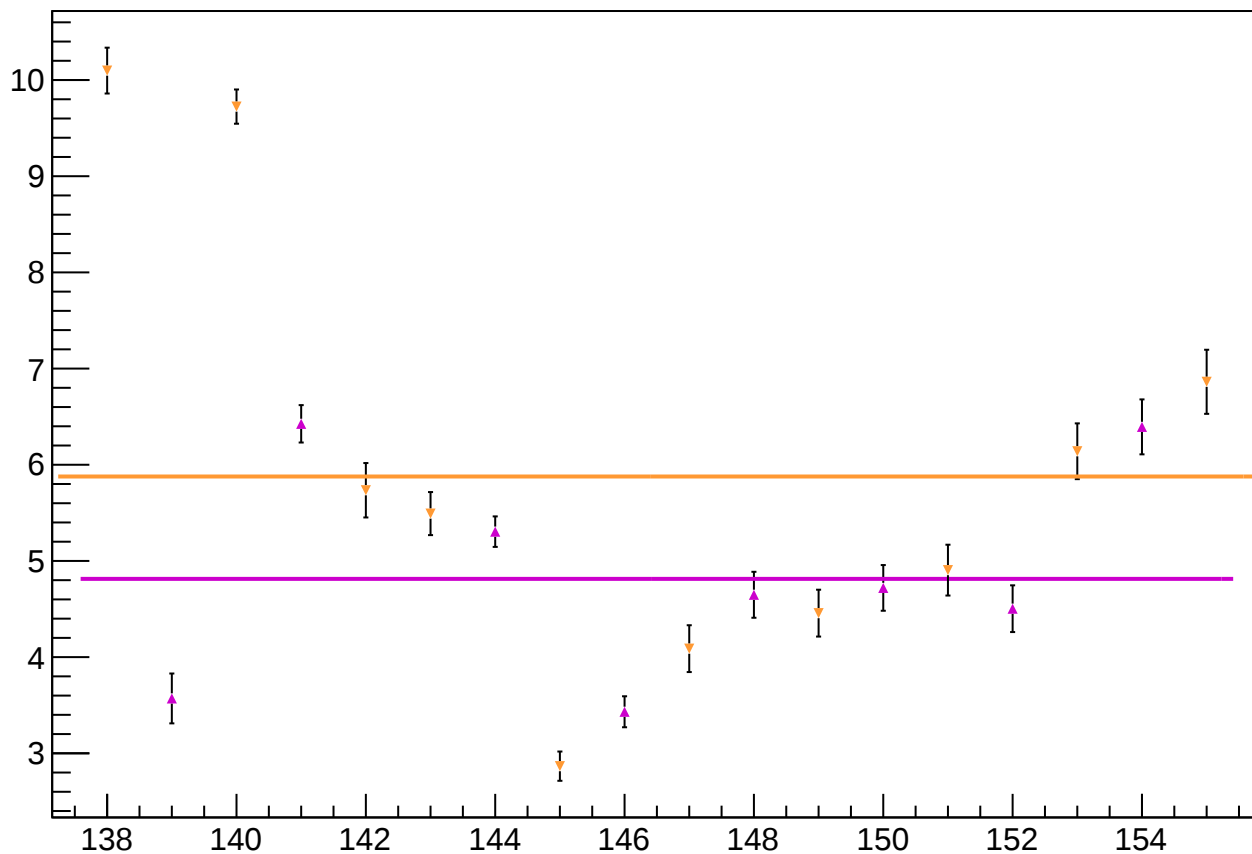
Right Out: -0.518 ± 0.026 χ^2/NDF : 1165.5/19

Left In: 0.203 ± 0.012 χ^2/NDF : 186.6/7

0.160 ± 0.010 χ^2/NDF : 1649.8/26

0.082 ± 0.011 χ^2/NDF : 2007.9/27

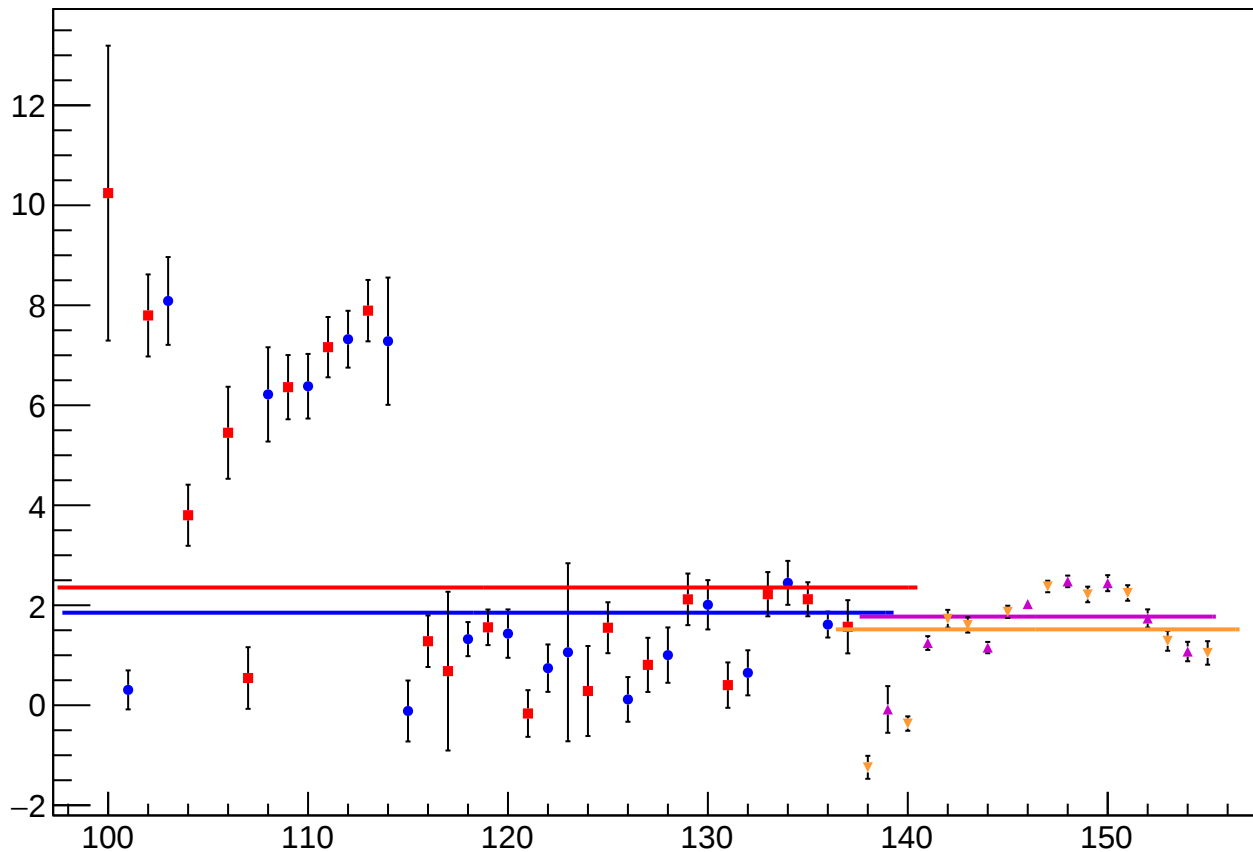
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.878+/-0.072 χ^2/NDF :1286.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.814+/-0.074 χ^2/NDF :207.7/7

5.878+/-0.072 χ^2/NDF : 1286.5/9
 4.814+/-0.074 χ^2/NDF : 207.7/7

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.851 ± 0.117 χ^2/NDF : 294.2/16

Left Out: 1.518 ± 0.049 χ^2/NDF : 427.7/9

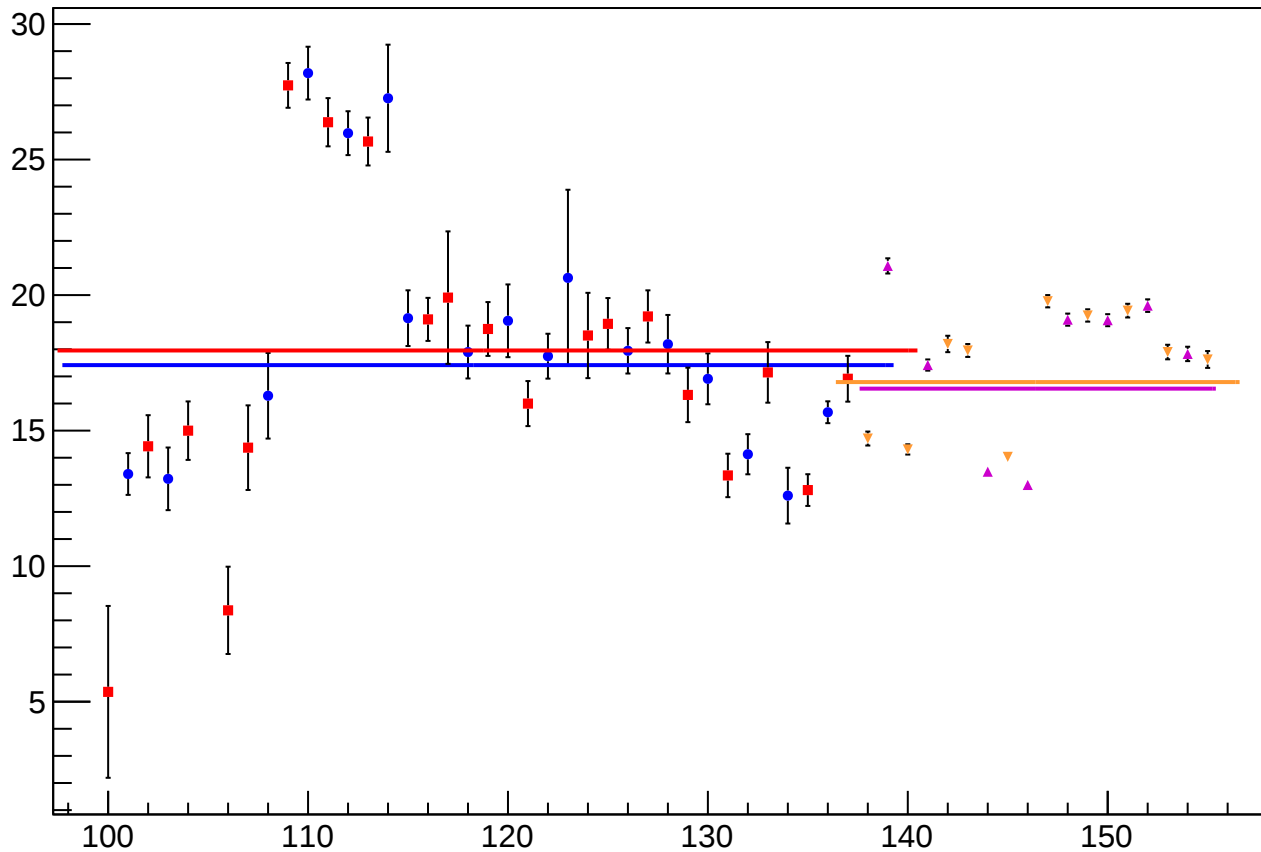
Right Out: 2.355 ± 0.122 χ^2/NDF : 337.4/19

Left In: 1.773 ± 0.049 χ^2/NDF : 134.5/7

1.568 ± 0.046 χ^2/NDF : 728.7/26

1.855 ± 0.046 χ^2/NDF : 491.4/27

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.417 $\pm$ 0.213 χ^2 /NDF: 367.0/16

Left Out: 16.791 $\pm$ 0.073 χ^2 /NDF: 994.5/9

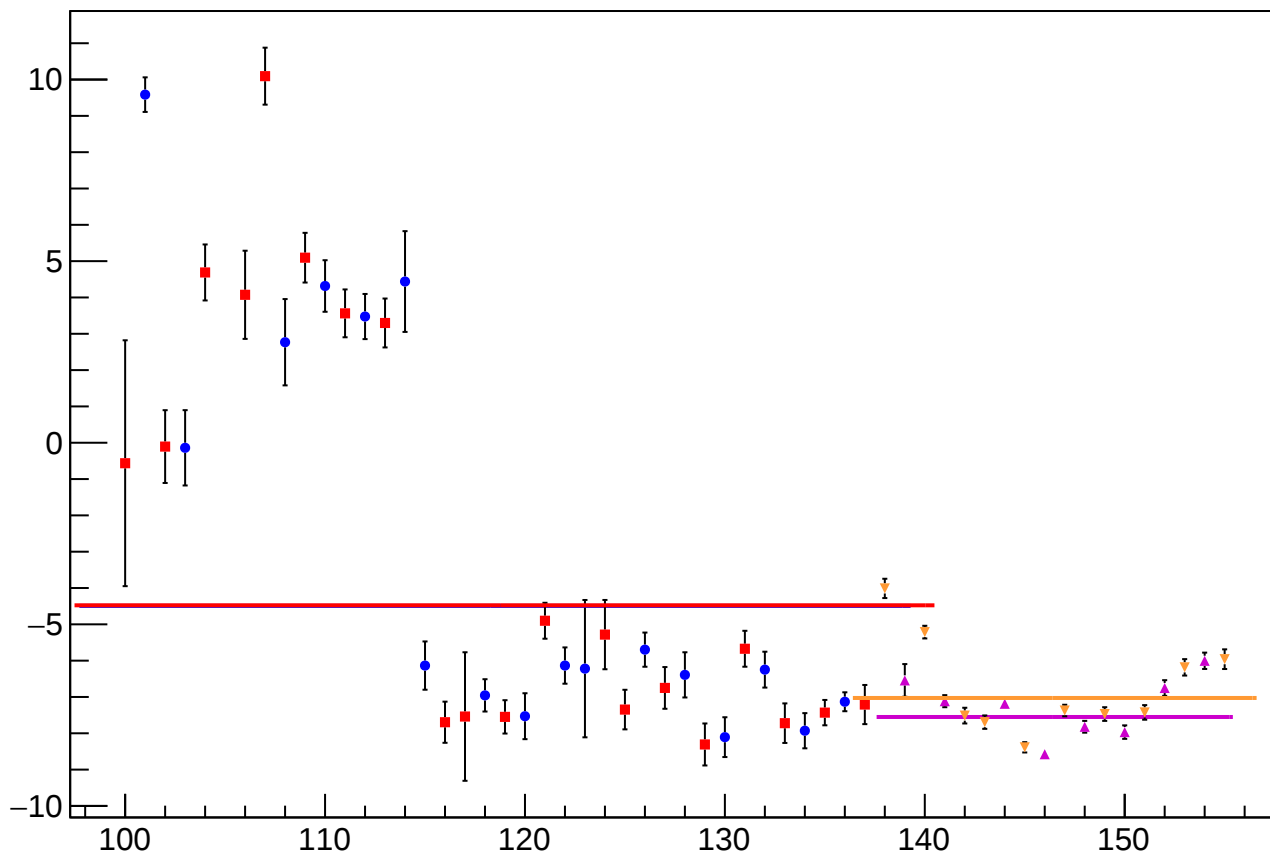
Right Out: 17.957 $\pm$ 0.218 χ^2 /NDF: 506.2/19

Left In: 16.549 $\pm$ 0.073 χ^2 /NDF: 1586.6/7

16.857 $\pm$ 0.069 χ^2 /NDF: 1369.3/26

16.692 $\pm$ 0.070 χ^2 /NDF: 2130.2/27

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: -7.028 ± 0.061 χ^2/NDF : 390.3/9

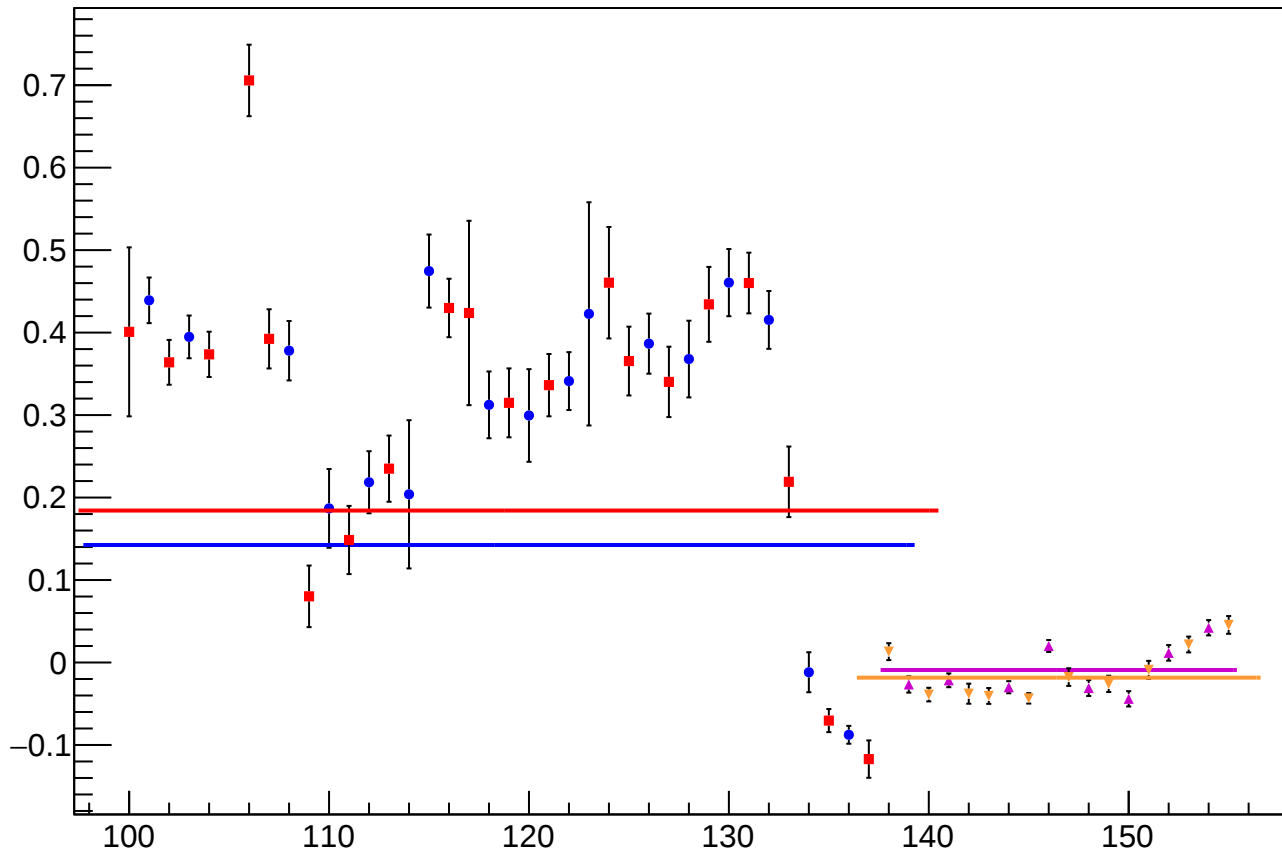
Right Out: -4.476 ± 0.137 χ^2/NDF : 1342.0/19

Left In: -7.551 ± 0.061 χ^2/NDF : 156.3/7

-6.578 ± 0.055 χ^2/NDF : 2286.8/26

-7.042 ± 0.056 χ^2/NDF : 1921.0/27

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: -0.018 $\pm$ 0.003 χ^2 /NDF:93.2/9

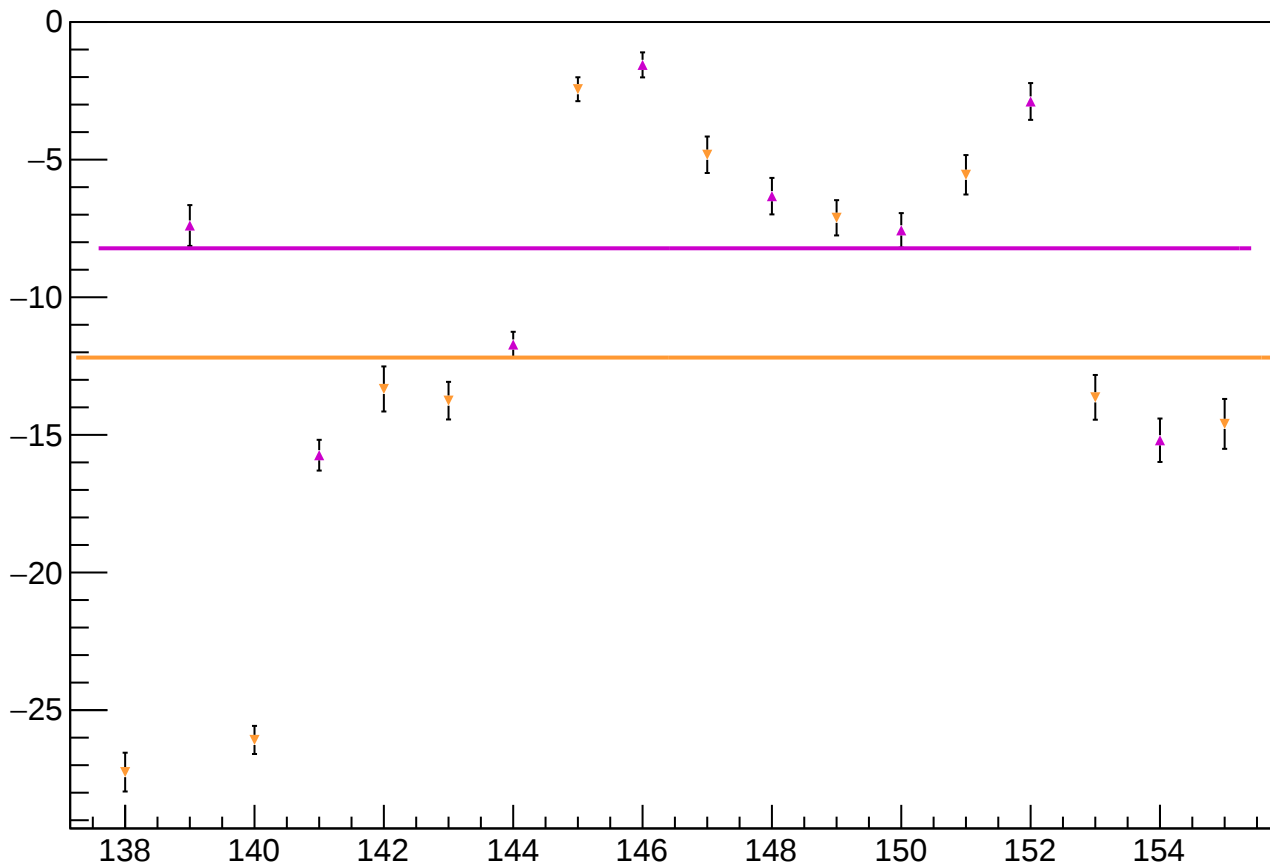
Right Out: 0.184 $\pm$ 0.007 χ^2 /NDF: 1005.5/19

Left In: -0.009 $\pm$ 0.003 χ^2 /NDF:84.0/7

0.006 $\pm$ 0.003 χ^2 /NDF: 1592.0/26

0.019 $\pm$ 0.003 χ^2 /NDF: 1673.9/27

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -12.191+/-0.203 χ^2/NDF :1991.3/9

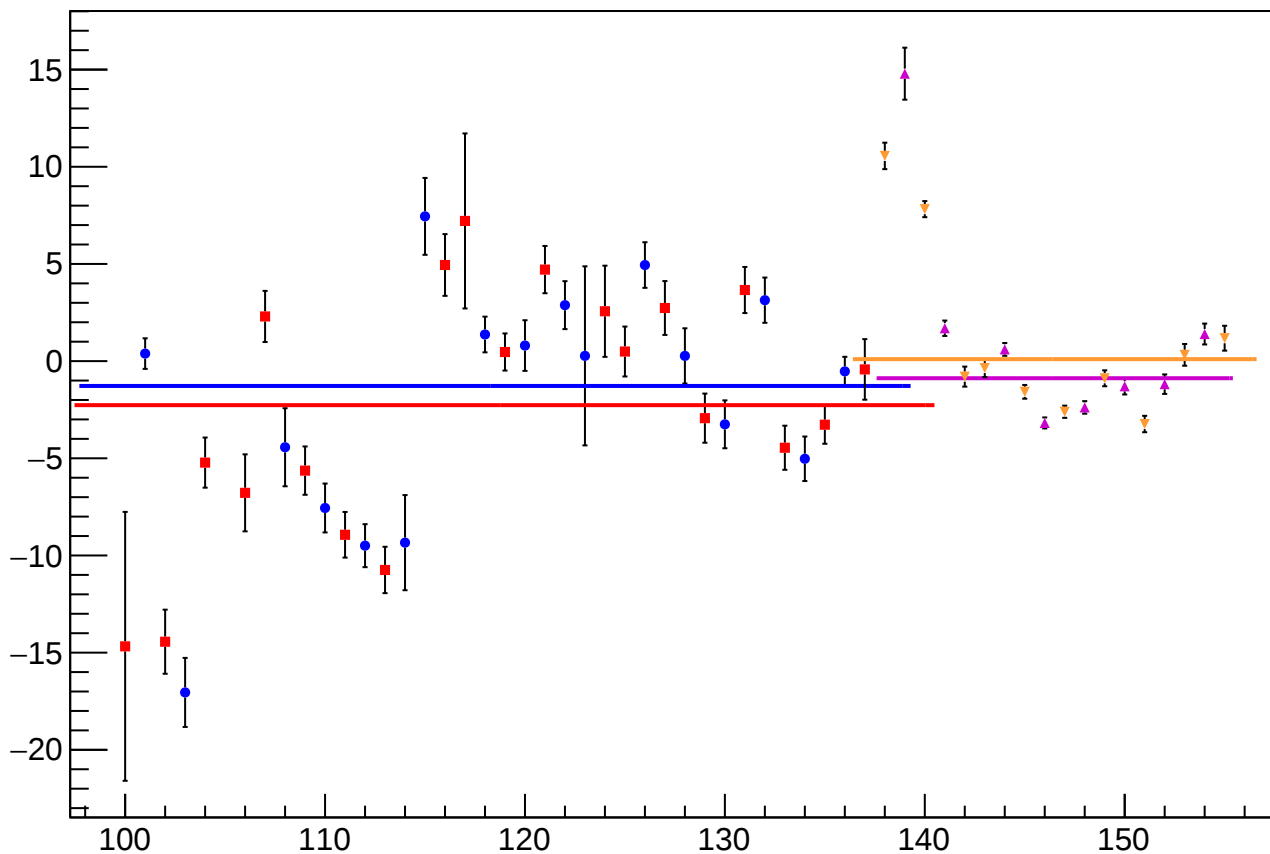
-12.191+/-0.203 χ^2/NDF : 1991.3/9

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

-8.221+/-0.208 χ^2/NDF : 605.7/7

Left In: -8.221+/-0.208 χ^2/NDF :605.7/7

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.278 $\pm$ 0.292 χ^2/NDF : 276.5/16

Left Out: 0.102 $\pm$ 0.139 χ^2/NDF : 755.1/9

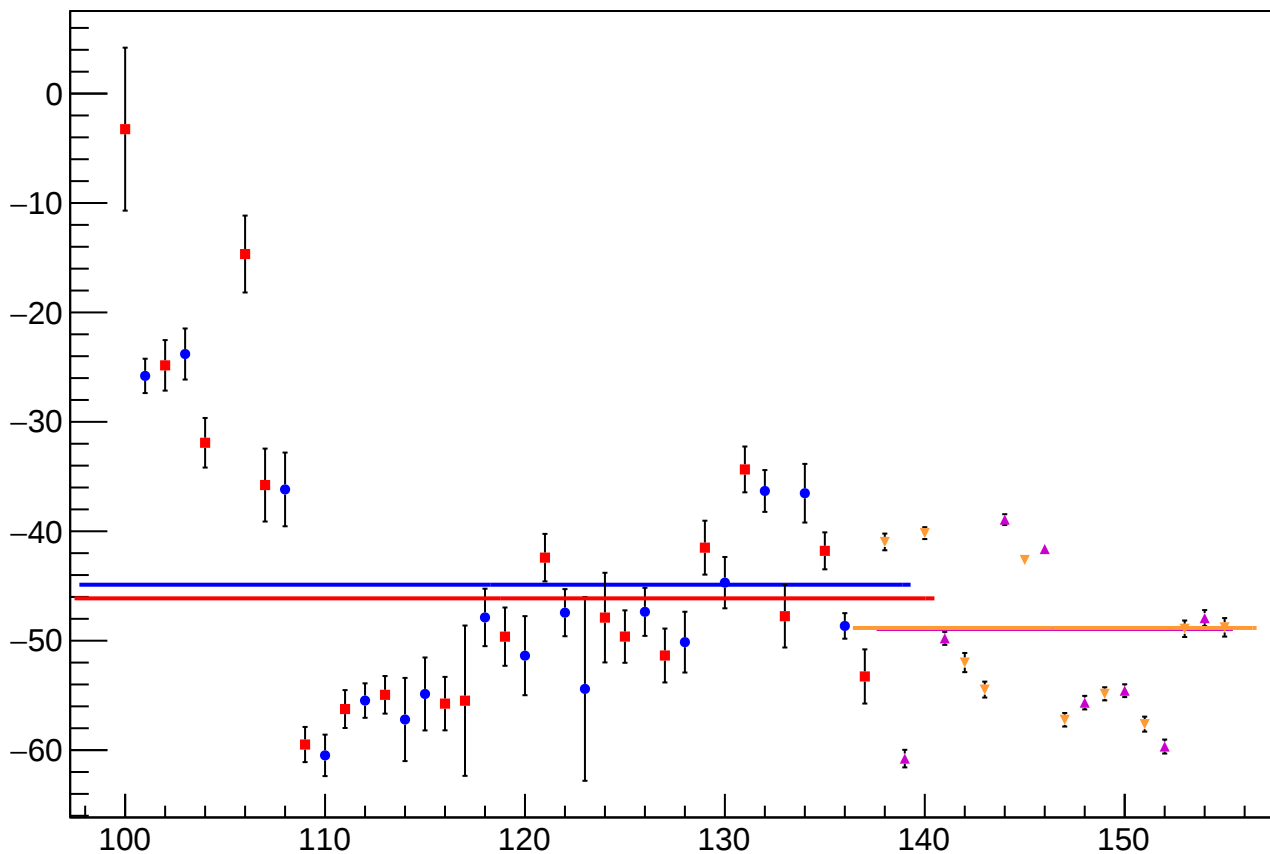
Right Out: -2.266 $\pm$ 0.302 χ^2/NDF : 289.8/19

Left In: -0.880 $\pm$ 0.140 χ^2/NDF : 306.8/7

-0.153 $\pm$ 0.126 χ^2/NDF : 1049.8/26

-1.125 $\pm$ 0.127 χ^2/NDF : 613.9/27

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.883 $\pm$ 0.524 χ^2 /NDF: 421.0/16

Left Out: -48.836 $\pm$ 0.205 χ^2 /NDF:1064.1/9

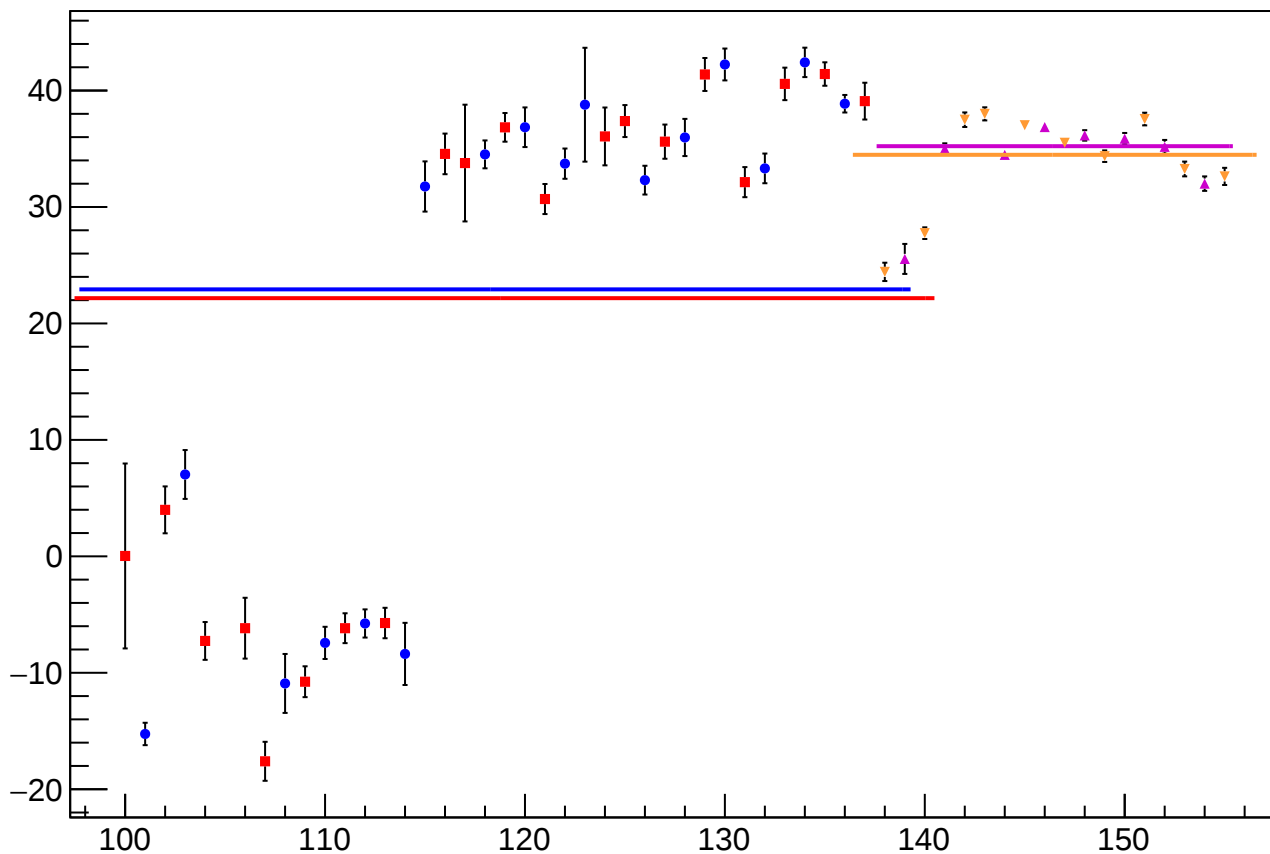
Right Out: -46.130 $\pm$ 0.527 χ^2 /NDF: 456.1/19

Left In: -48.928 $\pm$ 0.206 χ^2 /NDF:1401.7/7

-48.310 $\pm$ 0.191 χ^2 /NDF: 1534.3/26

-48.557 $\pm$ 0.192 χ^2 /NDF: 1882.3/27

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.926 $\pm$ 0.328 χ^2/NDF : 4330.2/16

Left Out: 34.481 $\pm$ 0.170 χ^2/NDF : 492.3/9

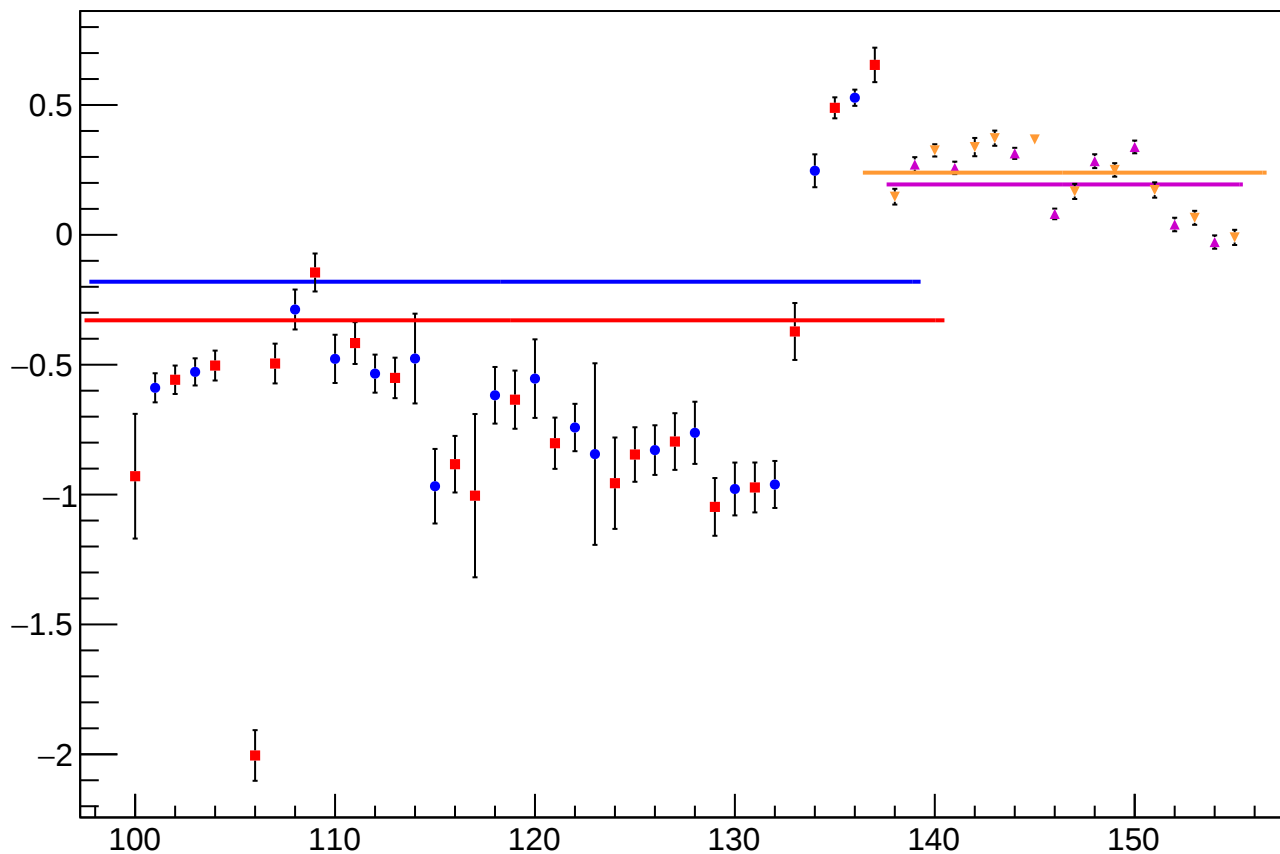
Right Out: 22.170 $\pm$ 0.339 χ^2/NDF : 4038.8/19

Left In: 35.222 $\pm$ 0.172 χ^2/NDF : 114.4/7

32.026 $\pm$ 0.151 χ^2/NDF : 5799.5/26

32.564 $\pm$ 0.153 χ^2/NDF : 5332.3/27

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180 ± 0.018 χ^2/NDF : 995.7/16

Left Out: 0.240 ± 0.008 χ^2/NDF : 226.6/9

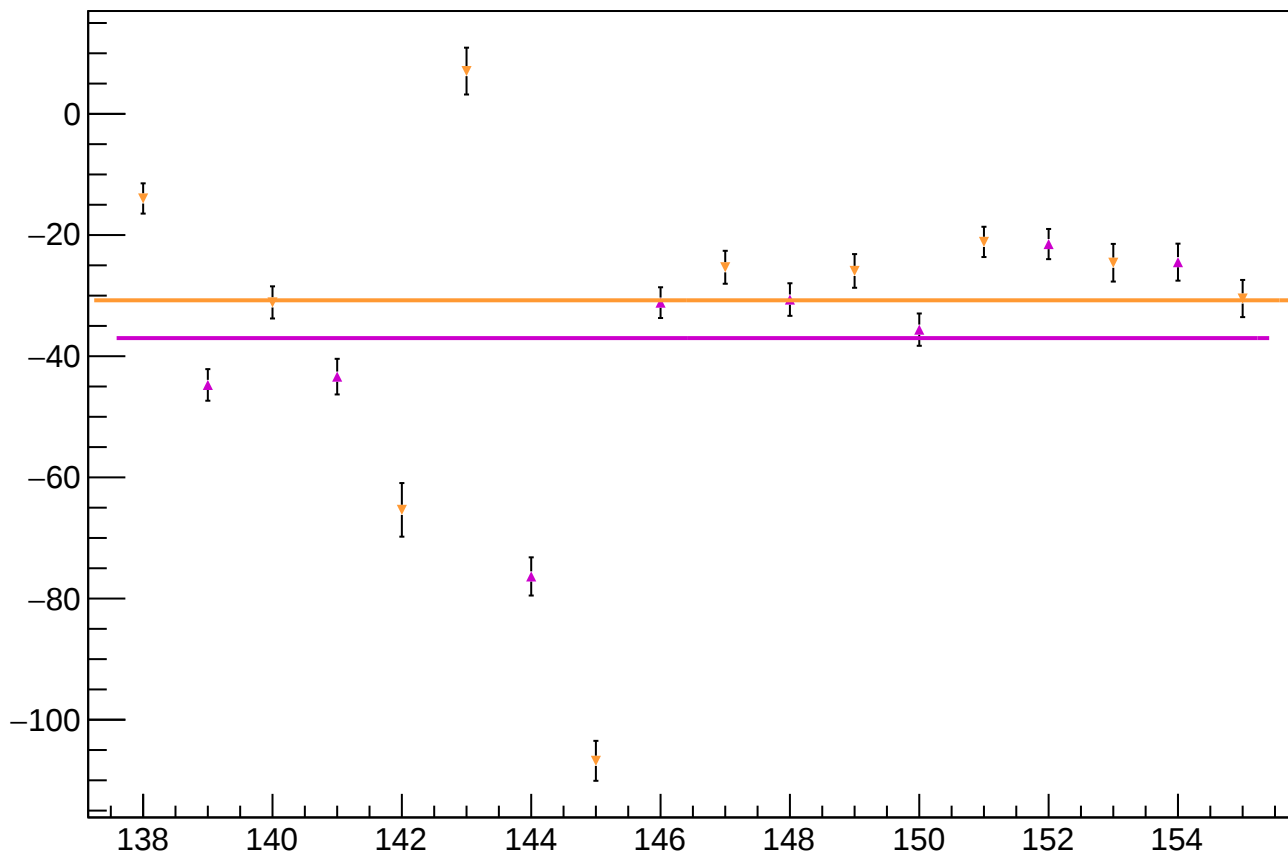
Right Out: -0.329 ± 0.018 χ^2/NDF : 1180.2/19

Left In: 0.194 ± 0.009 χ^2/NDF : 231.8/7

0.163 ± 0.008 χ^2/NDF : 1679.4/26

0.099 ± 0.008 χ^2/NDF : 2090.2/27

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -30.772+/-0.934 χ^2/NDF : 759.9/9

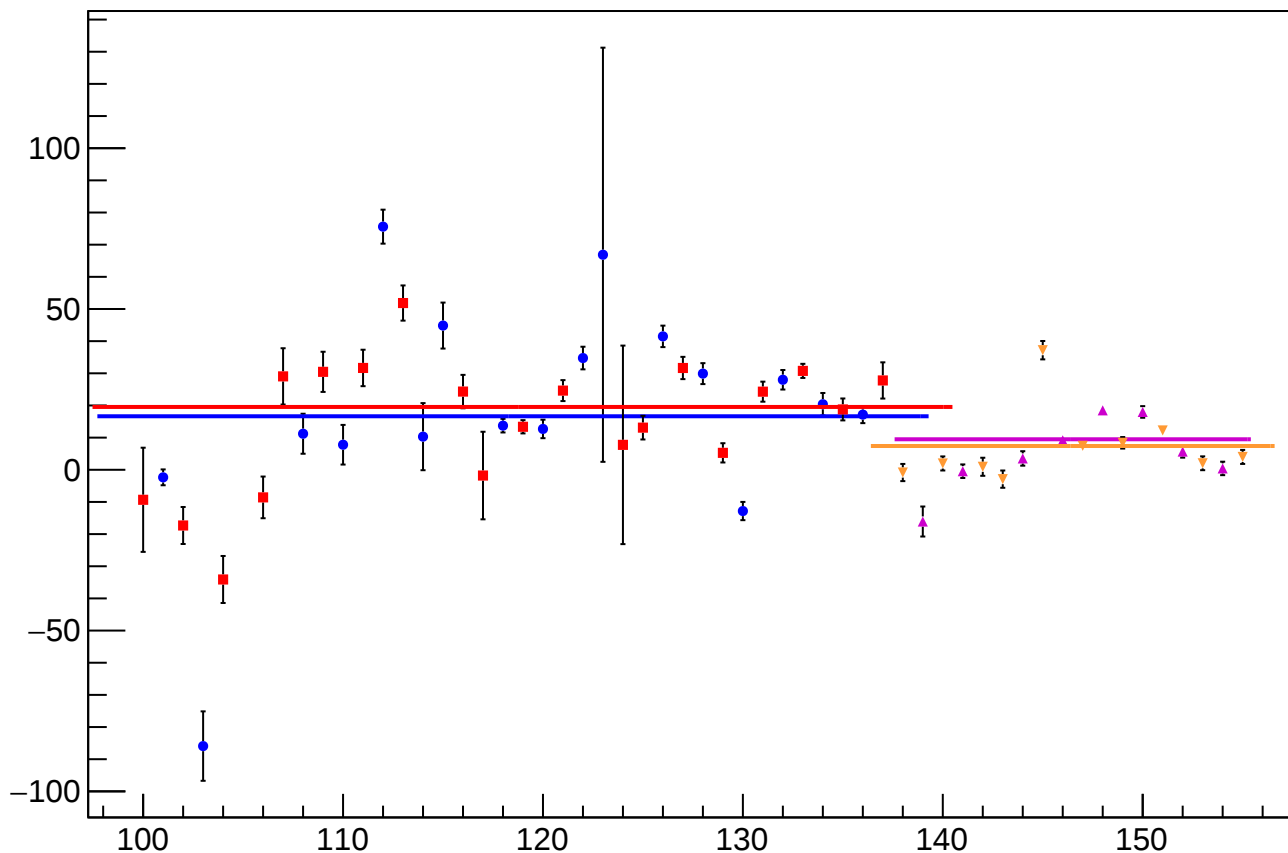
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.010+/-0.969 χ^2/NDF : 236.0/7

-30.772+/-0.934 χ^2/NDF : 759.9/9

-37.010+/-0.969 χ^2/NDF : 236.0/7

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.641 ± 0.859 $\chi^2/\text{NDF}: 518.9/16$

Left Out: 7.394 ± 0.623 $\chi^2/\text{NDF}: 165.1/9$

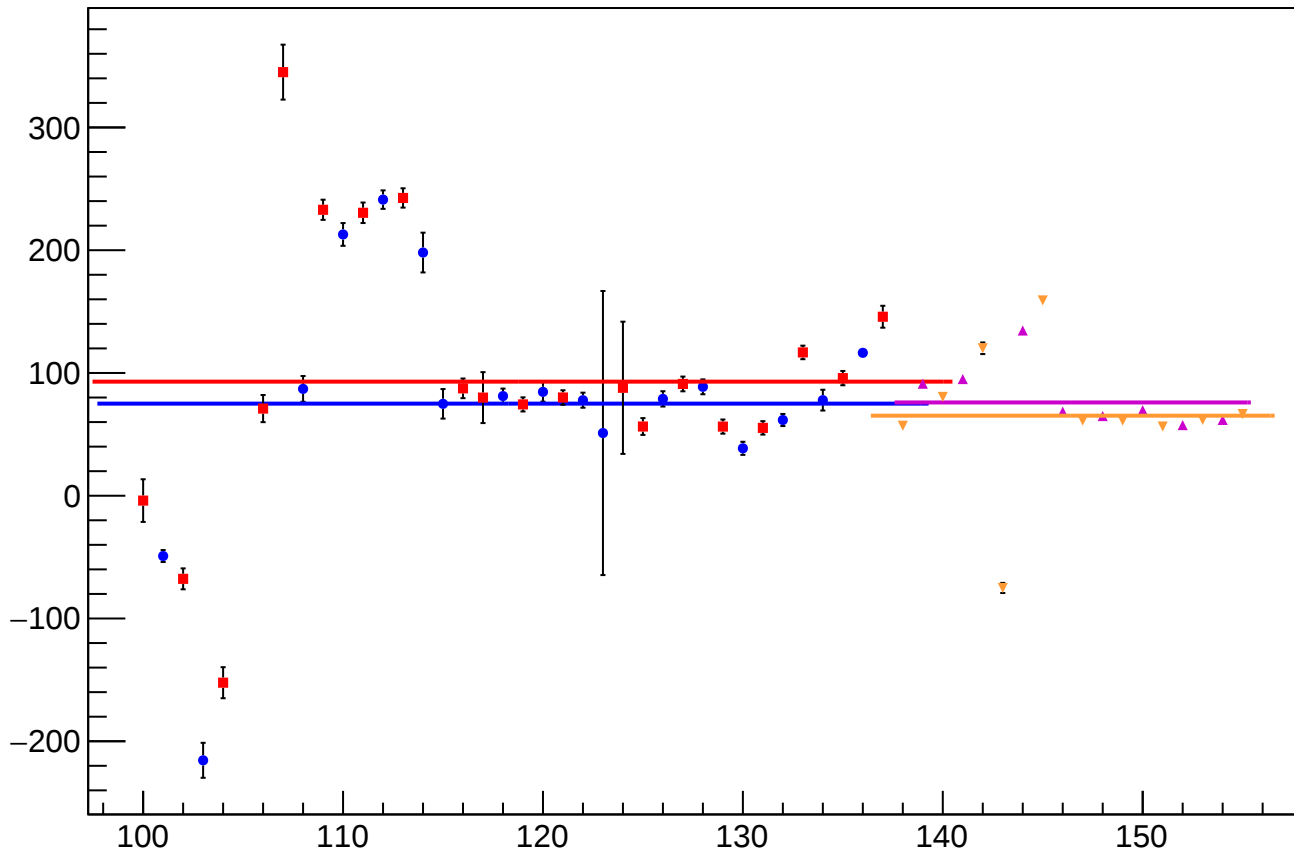
Right Out: 19.540 ± 0.894 $\chi^2/\text{NDF}: 244.1/19$

Left In: 9.487 ± 0.656 $\chi^2/\text{NDF}: 151.8/7$

10.583 ± 0.504 $\chi^2/\text{NDF}: 759.9/26$

13.001 ± 0.529 $\chi^2/\text{NDF}: 478.1/27$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.032 $\pm$ 1.647 χ^2 /NDF: 1999.7/16

Left Out: 65.210 $\pm$ 0.924 χ^2 /NDF: 2102.0/9

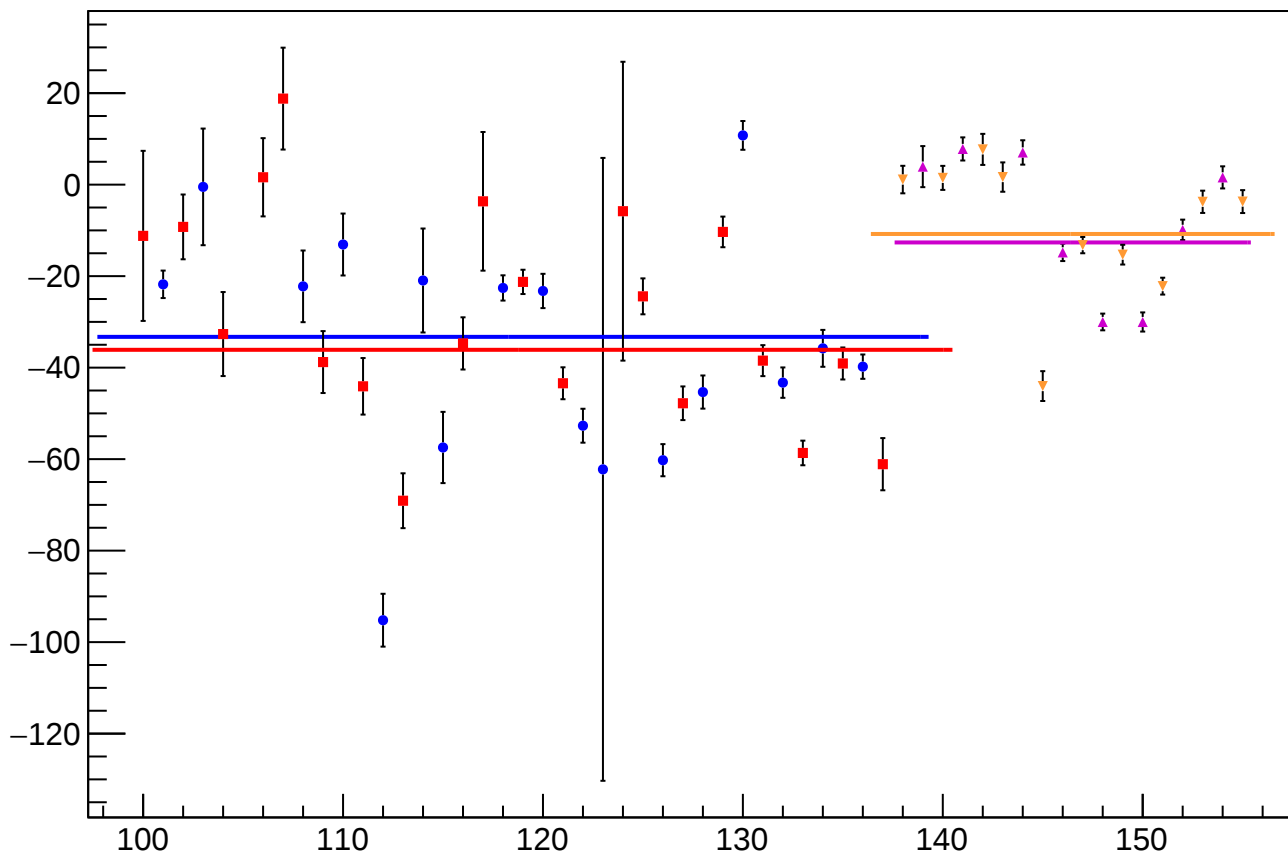
Right Out: 92.940 $\pm$ 1.706 χ^2 /NDF: 2004.0/19

Left In: 75.986 $\pm$ 0.952 χ^2 /NDF: 488.5/7

67.564 $\pm$ 0.806 χ^2 /NDF: 4128.7/26

80.015 $\pm$ 0.831 χ^2 /NDF: 2567.9/27

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.272 ± 0.982 $\chi^2/\text{NDF}: 489.4/16$

Left Out: -10.784 ± 0.770 $\chi^2/\text{NDF}: 247.0/9$

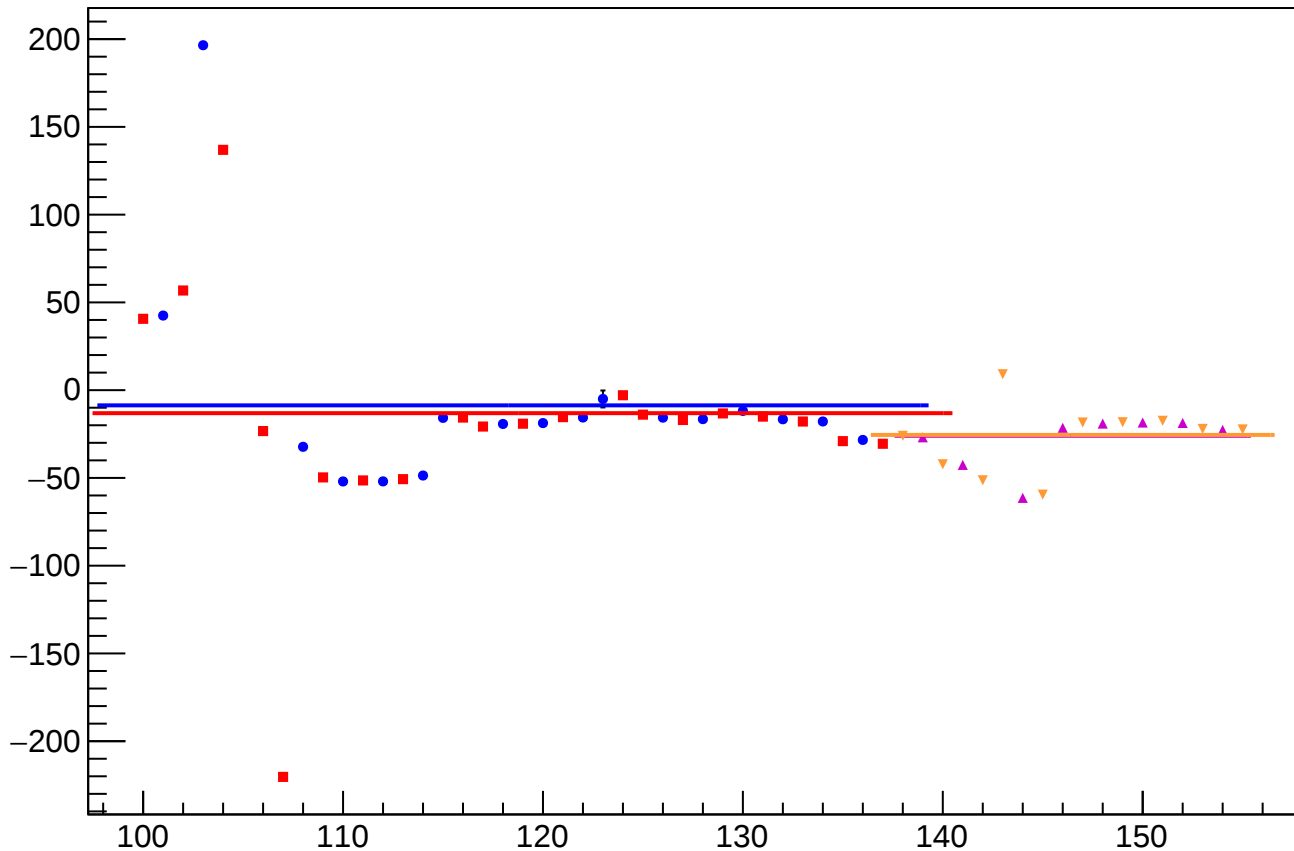
Right Out: -36.103 ± 1.022 $\chi^2/\text{NDF}: 302.3/19$

Left In: -12.636 ± 0.810 $\chi^2/\text{NDF}: 330.5/7$

-19.344 ± 0.606 $\chi^2/\text{NDF}: 1061.2/26$

-21.691 ± 0.635 $\chi^2/\text{NDF}: 956.8/27$

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.657 ± 0.059 χ^2/NDF : 575742.7/16

Left Out: -25.493 ± 0.037 χ^2/NDF : 160000.5/9

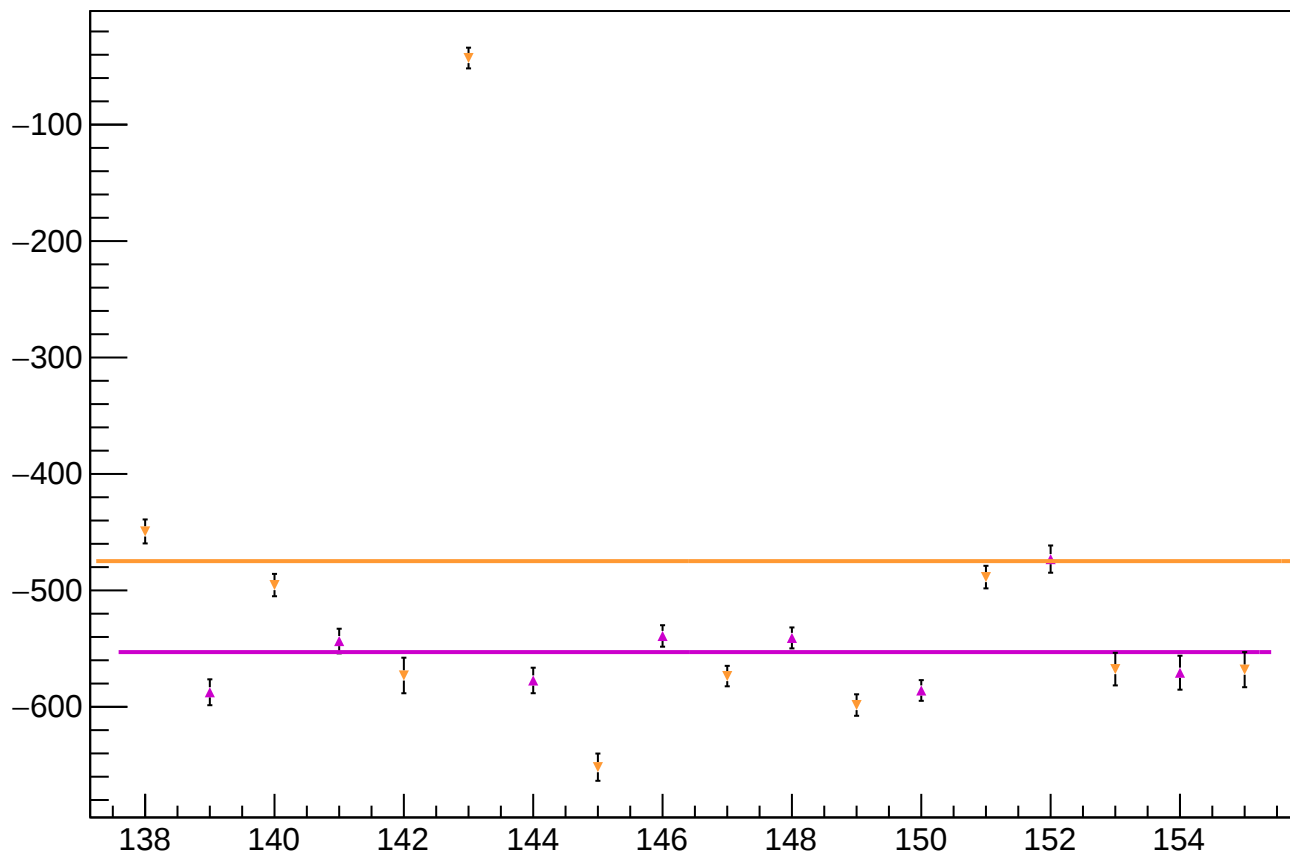
Right Out: -13.109 ± 0.062 χ^2/NDF : 558383.6/19

Left In: -25.989 ± 0.039 χ^2/NDF : 92497.1/7

-20.676 ± 0.032 χ^2/NDF : 793708.2/26

-22.377 ± 0.033 χ^2/NDF : 682239.7/27

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -474.854+/-3.345 χ^2/NDF : 3027.5/9

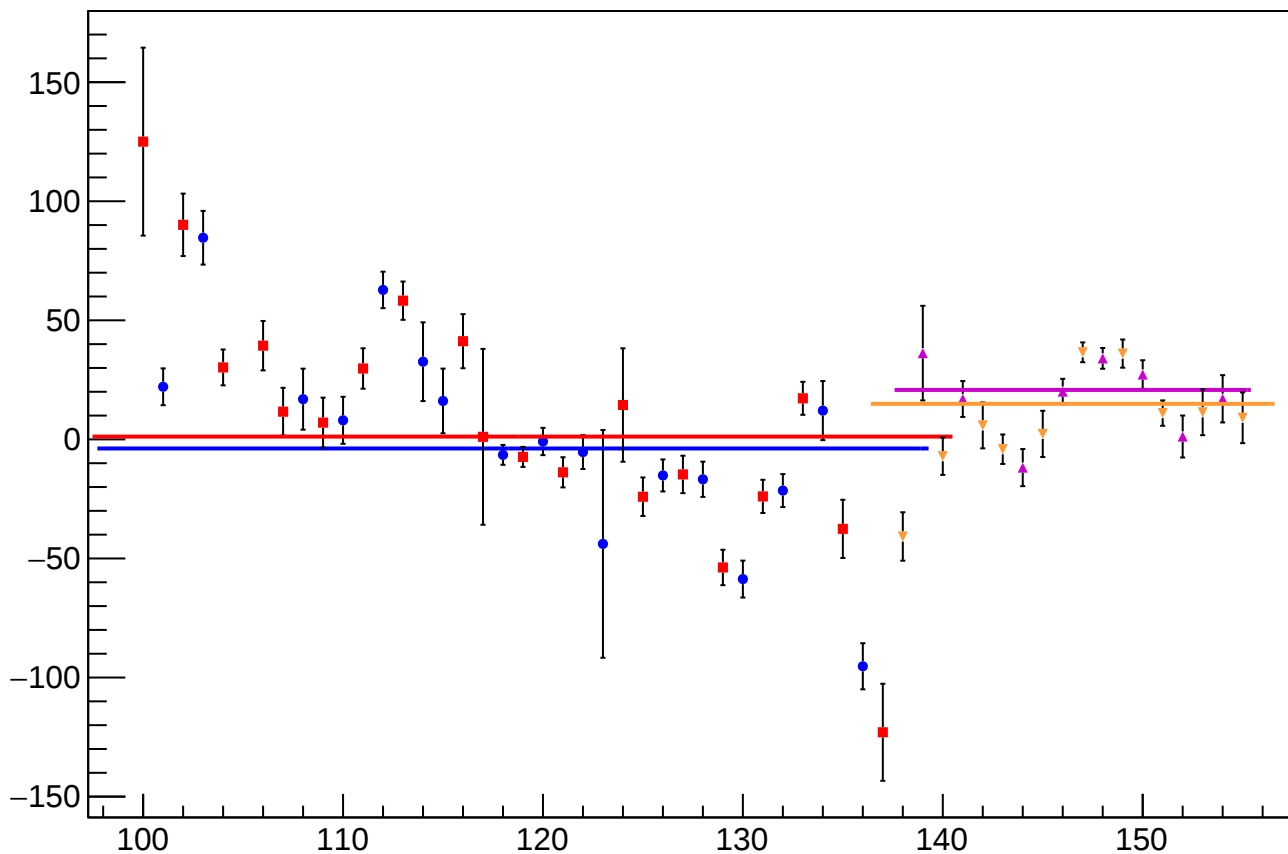
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -552.978+/-3.672 χ^2/NDF : 81.3/7

-474.854+/-3.345 χ^2/NDF : 3027.5/9

-552.978+/-3.672 χ^2/NDF : 81.3/7

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.815 ± 1.923 χ^2/NDF : 314.3/16

Left Out: 14.936 ± 2.159 χ^2/NDF : 90.7/9

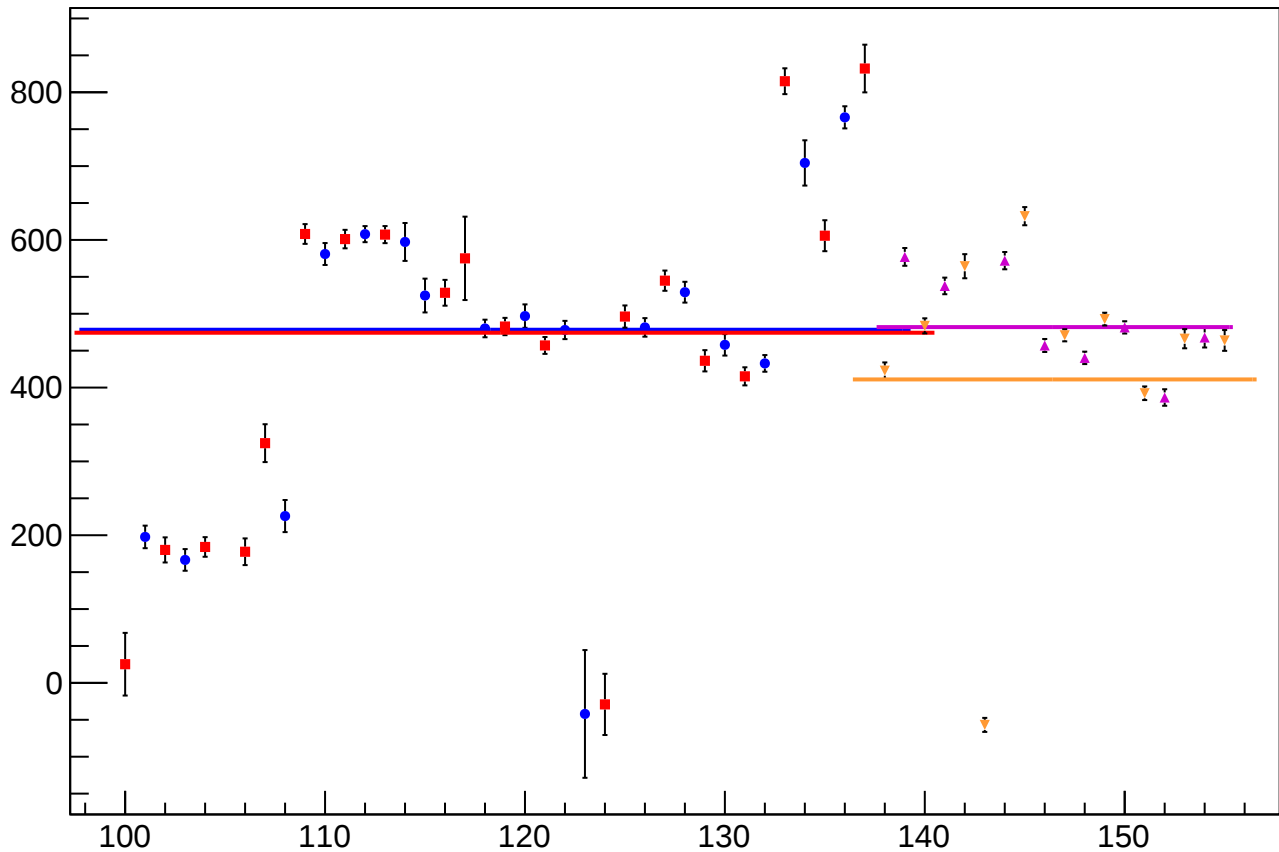
Right Out: 1.175 ± 1.911 χ^2/NDF : 303.9/19

Left In: 20.772 ± 2.390 χ^2/NDF : 33.9/7

4.479 ± 1.436 χ^2/NDF : 447.0/26

8.818 ± 1.493 χ^2/NDF : 378.7/27

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.334 ± 3.662 χ^2/NDF : 1628.8/16

Left Out: 411.028 ± 3.333 χ^2/NDF : 3068.1/9

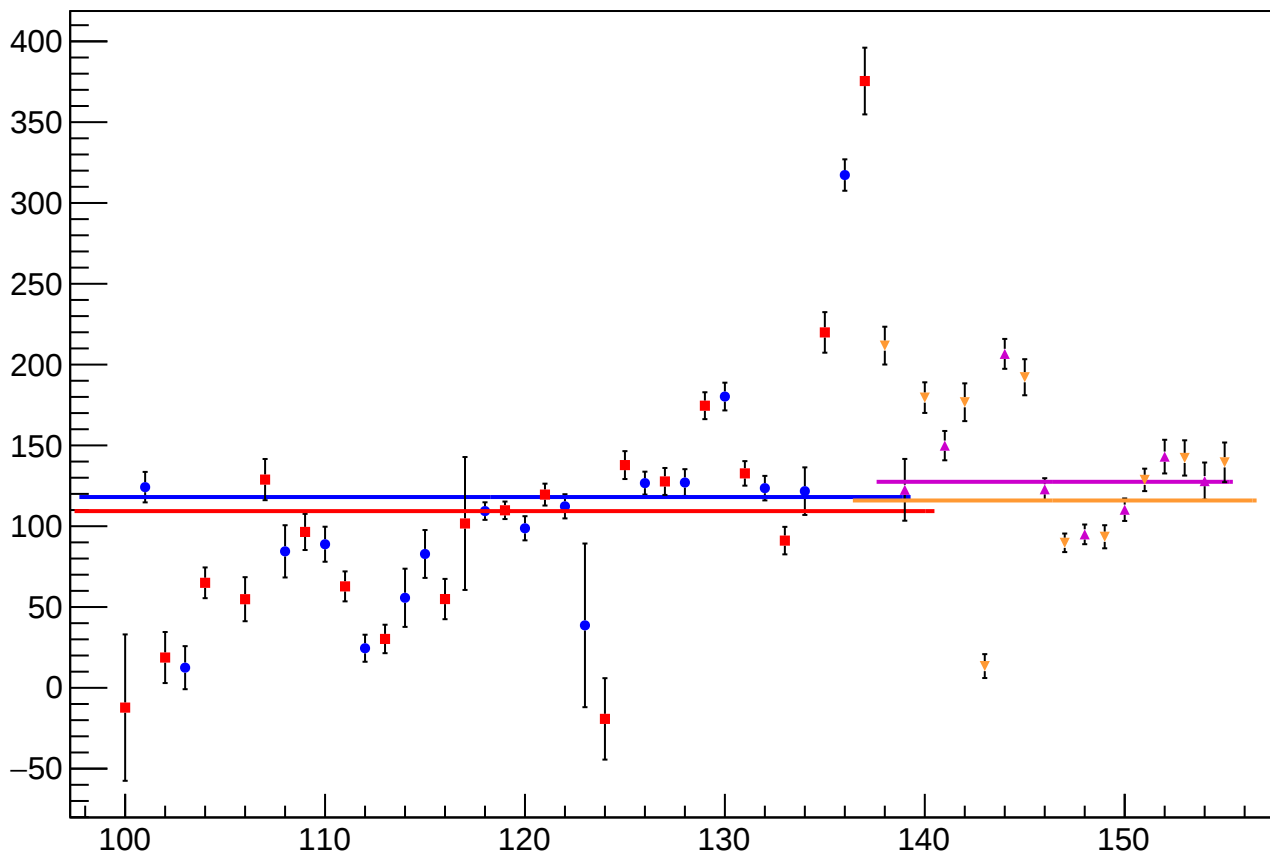
Right Out: 474.296 ± 3.524 χ^2/NDF : 2288.2/19

Left In: 481.933 ± 3.606 χ^2/NDF : 252.0/7

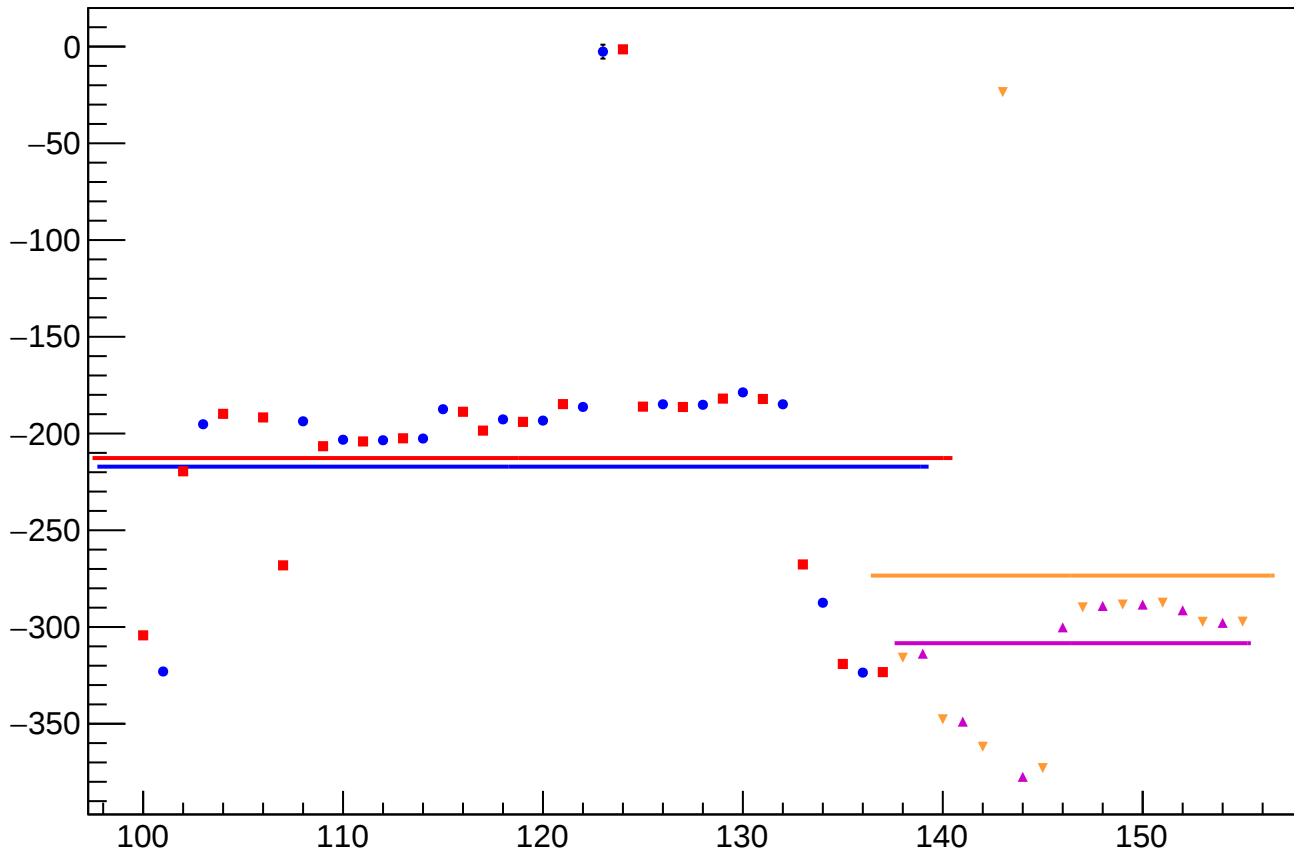
441.518 ± 2.465 χ^2/NDF : 4881.7/26

478.027 ± 2.520 χ^2/NDF : 2542.5/27

reg_asym_atl2_diff_bpm4eY_slope vs Slug



reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.120+/-0.137 χ^2/NDF : 146559.7/16

Left Out: -273.424+/-0.138 χ^2/NDF : 538702.4/9

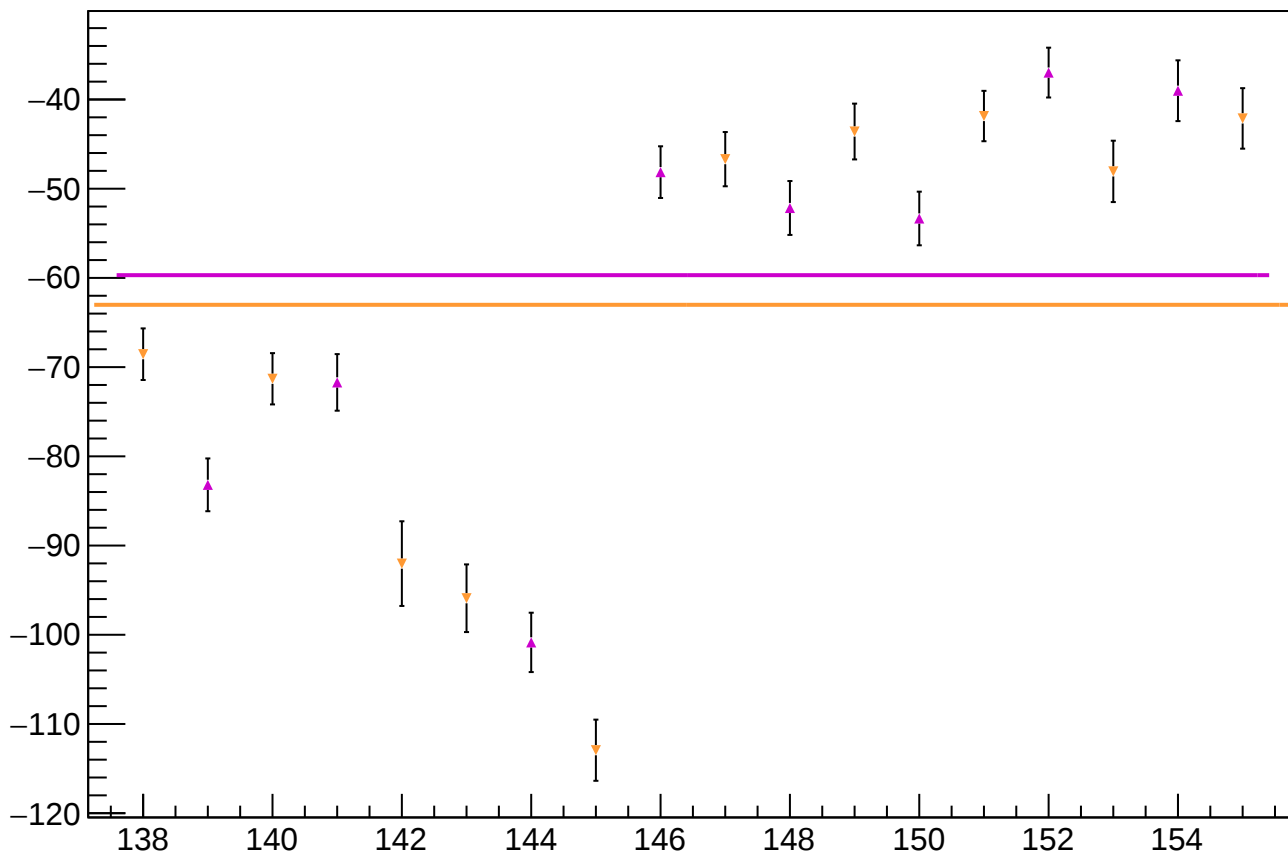
Right Out: -212.679+/-0.130 χ^2/NDF : 115596.4/19

Left In: -308.363+/-0.149 χ^2/NDF : 34622.2/7

-244.961+/-0.097 χ^2/NDF : 769299.9/26

-254.184+/-0.098 χ^2/NDF : 385167.1/27

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -63.014+/-1.028 χ^2/NDF : 517.1/9

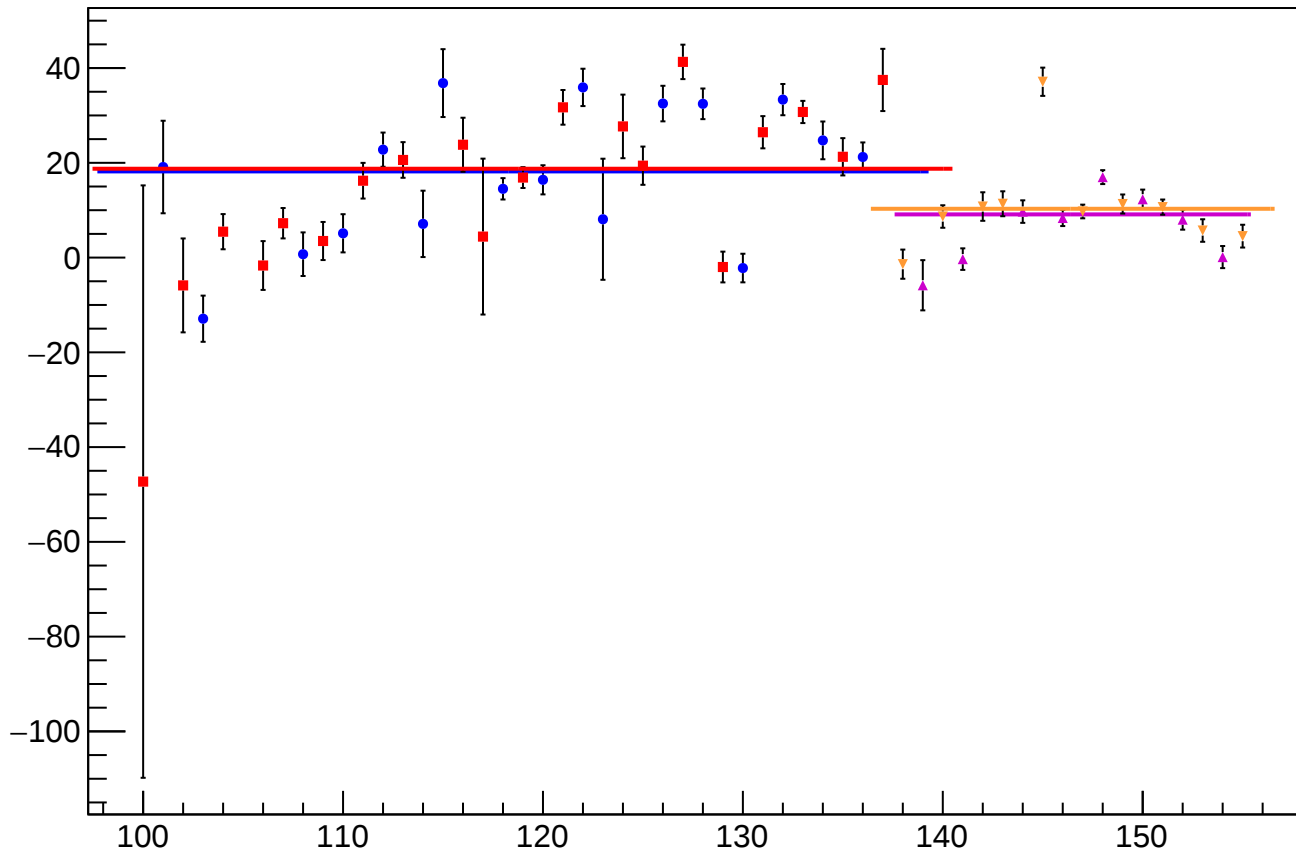
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -59.692+/-1.080 χ^2/NDF : 360.1/7

-63.014+/-1.028 χ^2/NDF : 517.1/9

-59.692+/-1.080 χ^2/NDF : 360.1/7

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.188 ± 0.917 χ^2/NDF : 204.9/16

Left Out: 10.300 ± 0.687 χ^2/NDF : 105.9/9

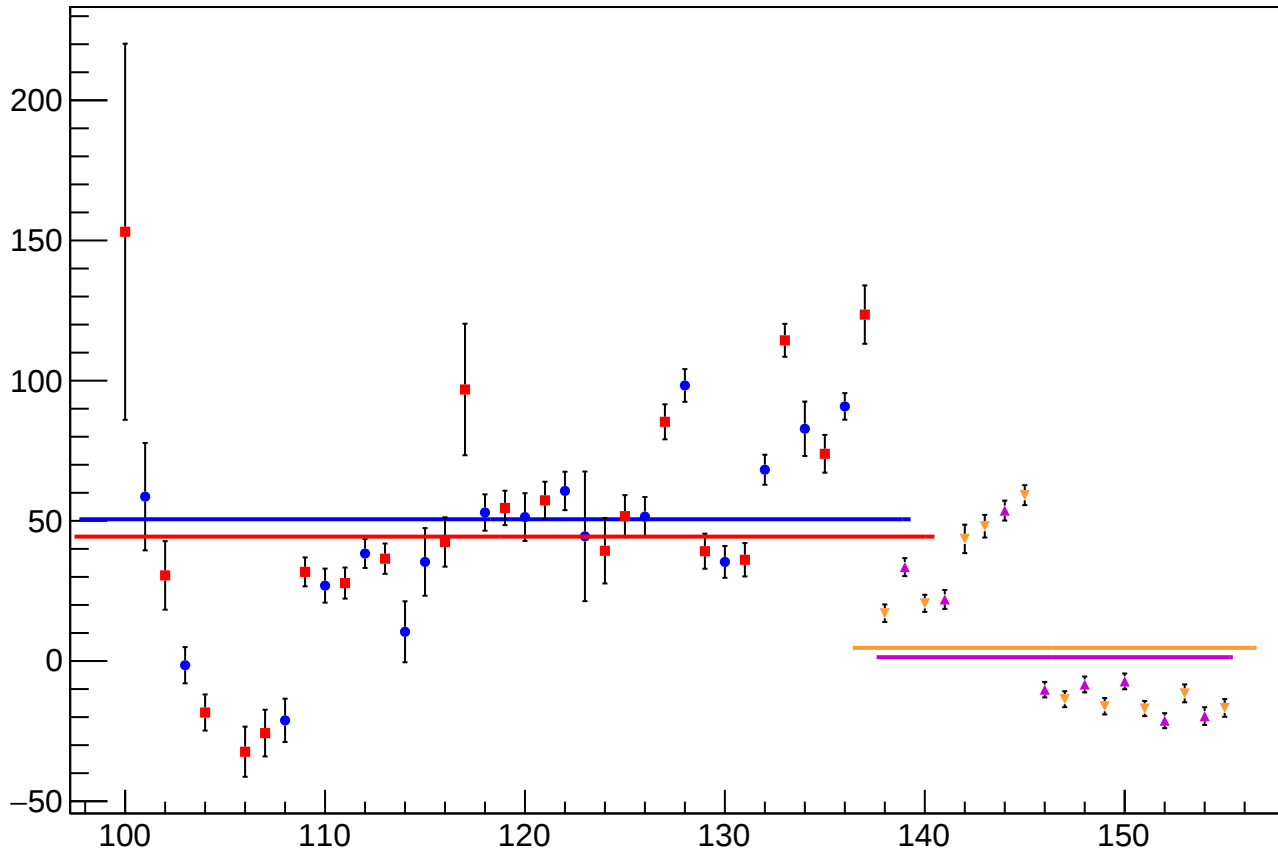
Right Out: 18.752 ± 0.862 χ^2/NDF : 199.5/19

Left In: 9.115 ± 0.733 χ^2/NDF : 71.8/7

13.137 ± 0.550 χ^2/NDF : 358.1/26

13.162 ± 0.558 χ^2/NDF : 343.9/27

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.565 ± 1.678 χ^2/NDF : 357.9/16

Left Out: 4.700 ± 1.019 χ^2/NDF : 678.0/9

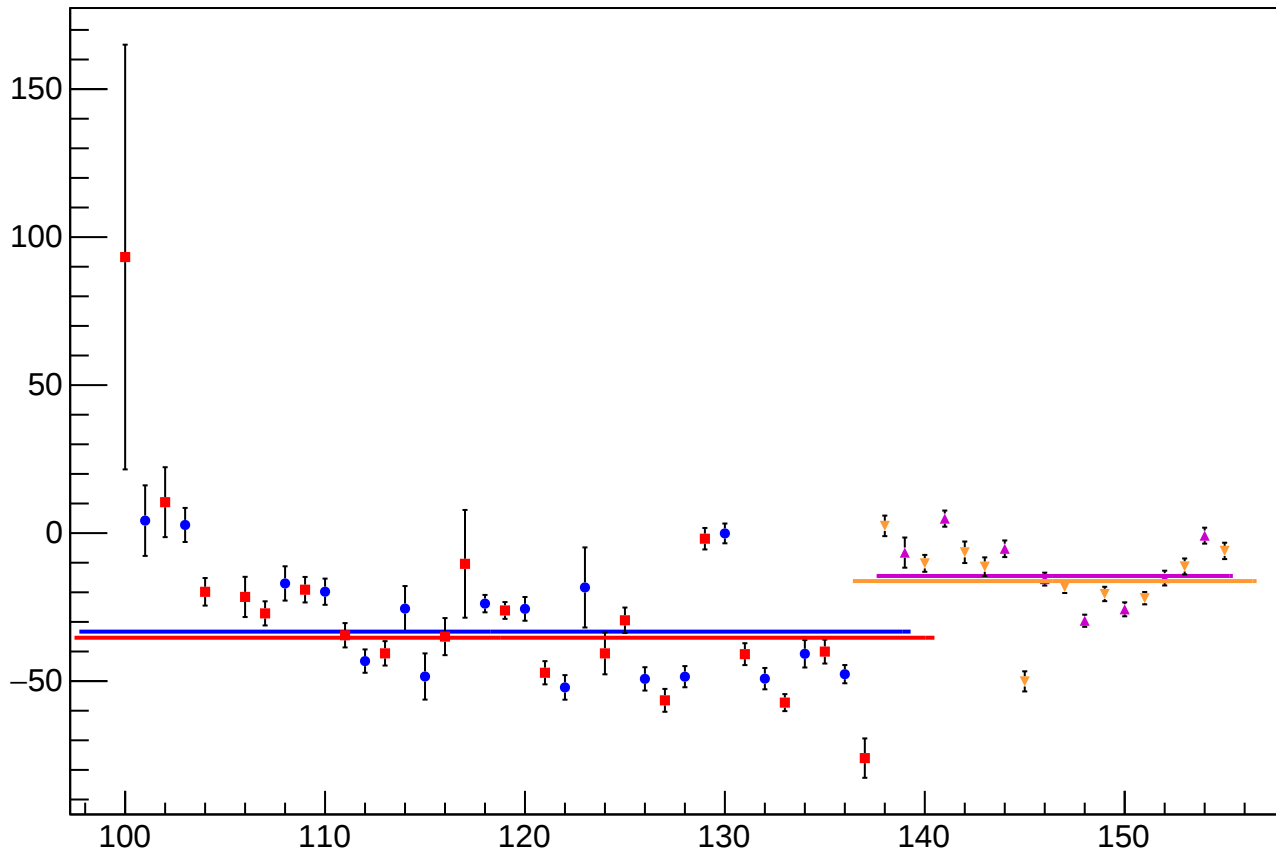
Right Out: 44.377 ± 1.599 χ^2/NDF : 537.6/19

Left In: 1.370 ± 1.063 χ^2/NDF : 508.0/7

17.065 ± 0.871 χ^2/NDF : 1581.9/26

14.555 ± 0.885 χ^2/NDF : 1547.4/27

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.281 ± 1.043 χ^2/NDF : 290.1/16

Left Out: -16.202 ± 0.848 χ^2/NDF : 171.2/9

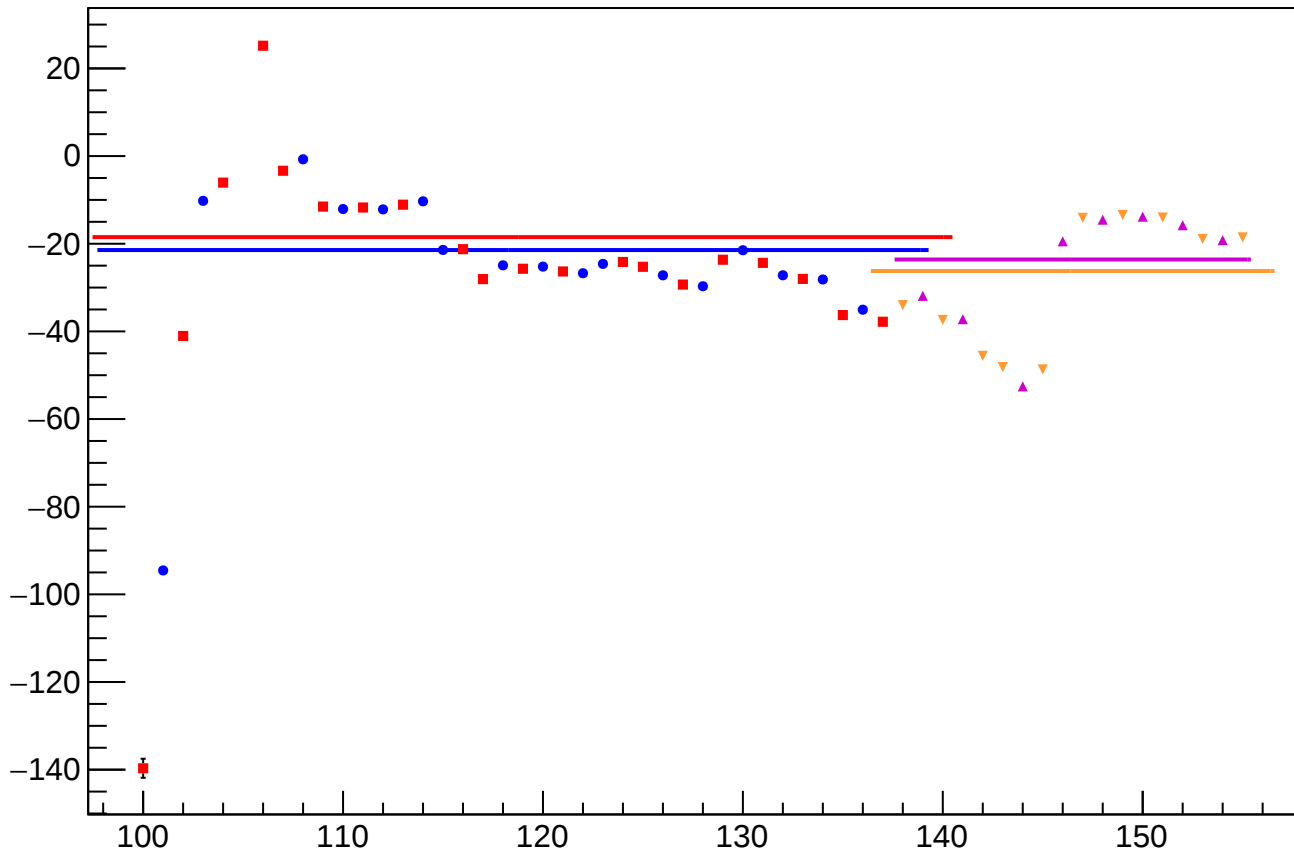
Right Out: -35.343 ± 0.990 χ^2/NDF : 291.6/19

Left In: -14.481 ± 0.904 χ^2/NDF : 166.4/7

-22.997 ± 0.658 χ^2/NDF : 622.6/26

-23.966 ± 0.667 χ^2/NDF : 700.3/27

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.442 ± 0.059 $\chi^2/\text{NDF}: 48968.5/16$

Left Out: -26.231 ± 0.041 $\chi^2/\text{NDF}: 102361.7/9$

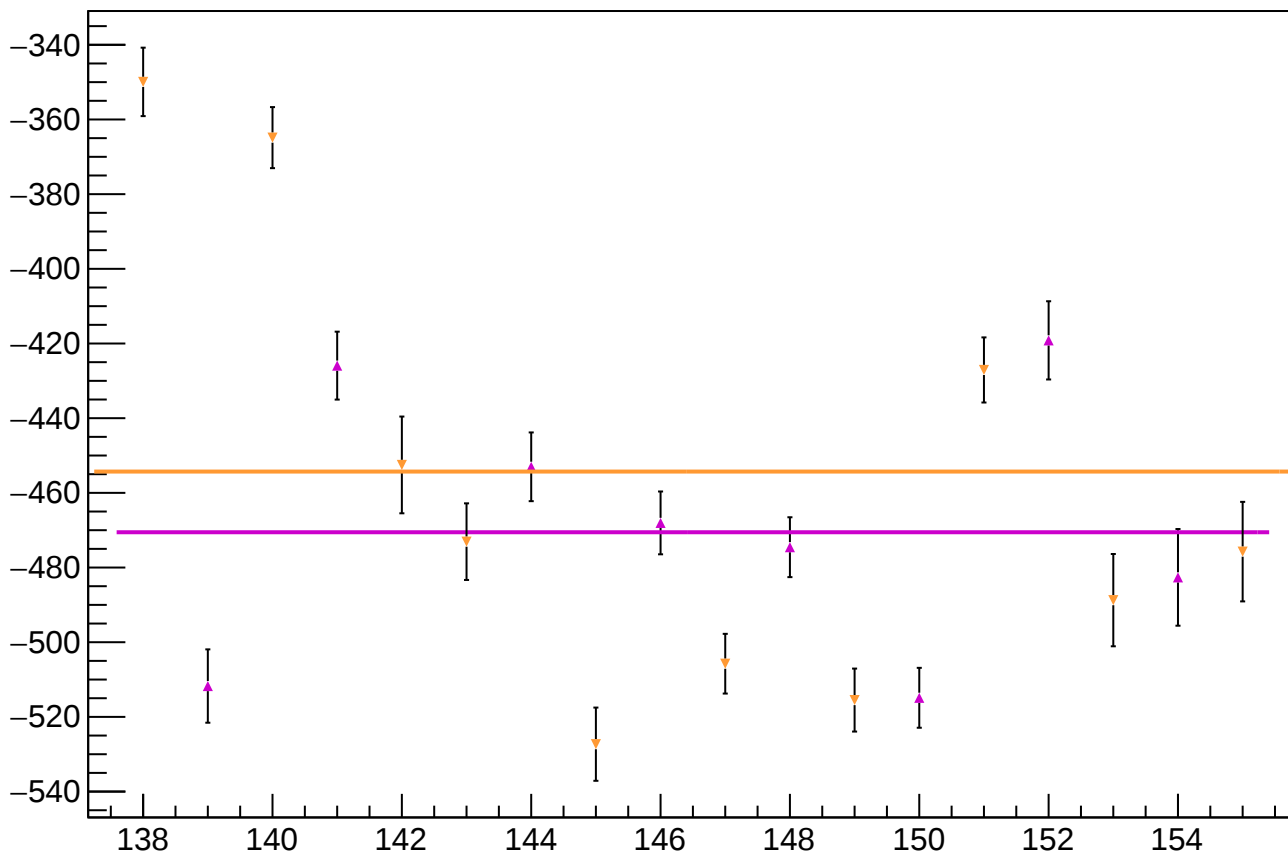
Right Out: -18.490 ± 0.057 $\chi^2/\text{NDF}: 80549.5/19$

Left In: -23.595 ± 0.043 $\chi^2/\text{NDF}: 70333.1/7$

-24.657 ± 0.034 $\chi^2/\text{NDF}: 155766.4/26$

-21.756 ± 0.034 $\chi^2/\text{NDF}: 155957.5/27$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -454.295+/-3.046 χ^2/NDF : 422.3/9

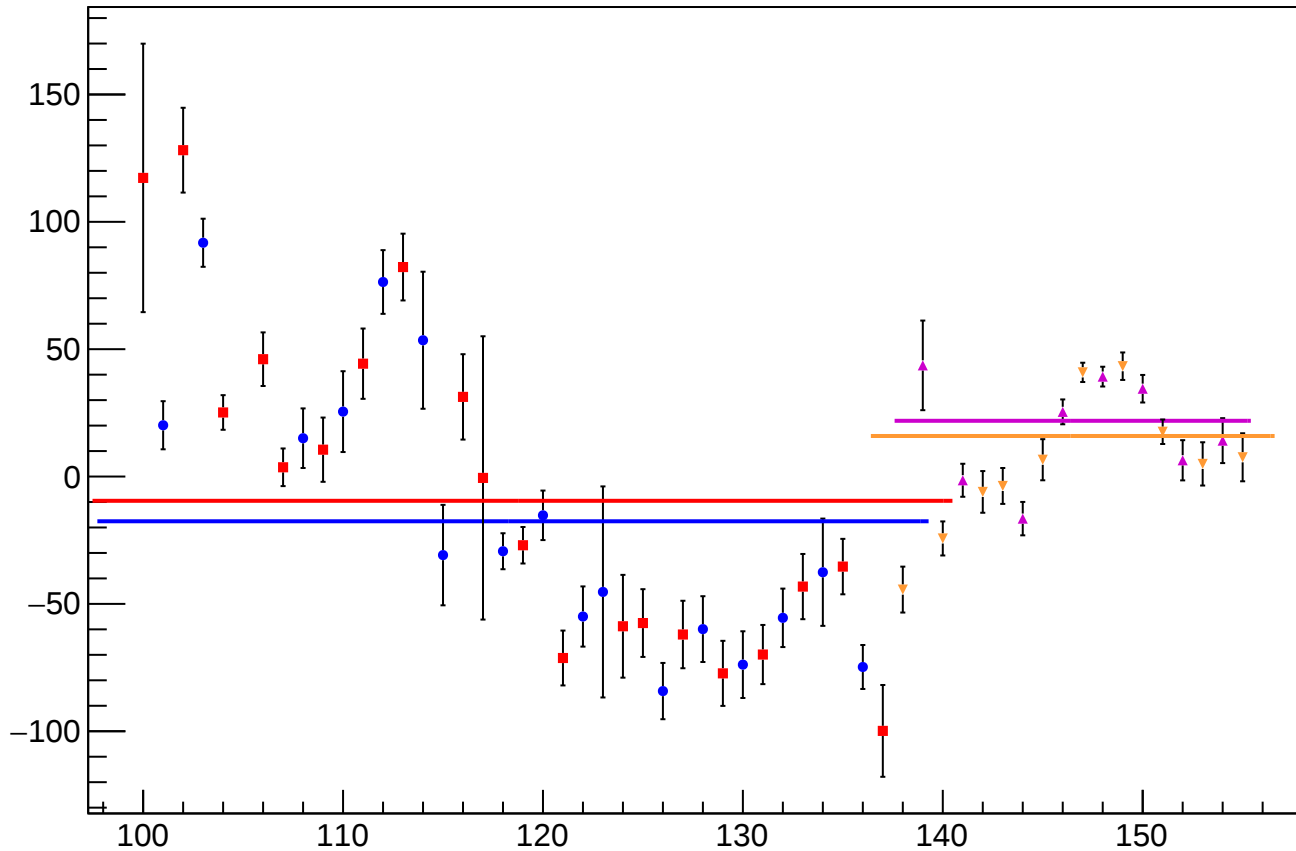
-454.295+/-3.046 χ^2/NDF : 422.3/9

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

-470.548+/-3.252 χ^2/NDF : 101.1/7

Left In: -470.548+/-3.252 χ^2/NDF : 101.1/7

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.564 ± 2.820 $\chi^2/\text{NDF}: 363.7/16$

Left Out: 15.917 ± 1.971 $\chi^2/\text{NDF}: 169.1/9$

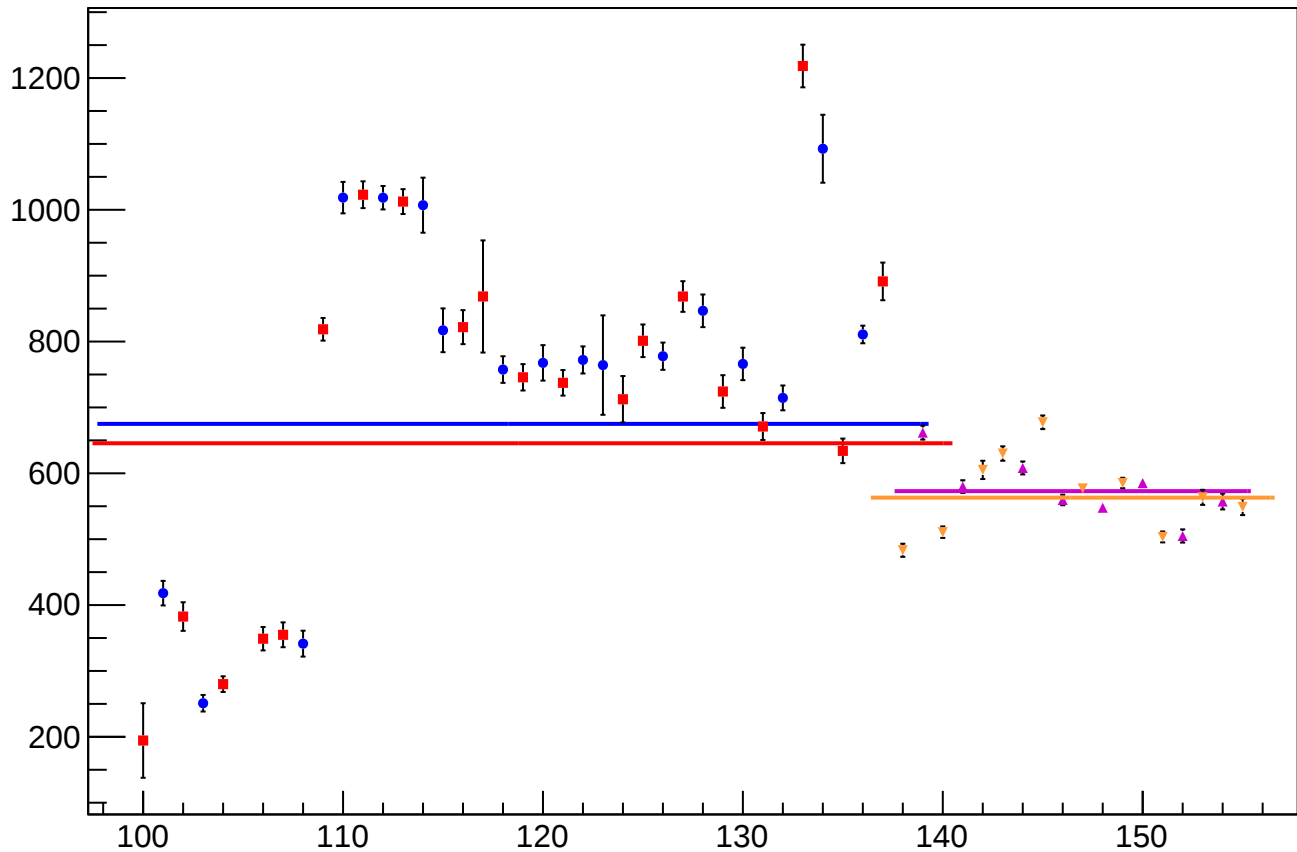
Right Out: -9.527 ± 2.606 $\chi^2/\text{NDF}: 370.3/19$

Left In: 21.885 ± 2.124 $\chi^2/\text{NDF}: 79.3/7$

4.931 ± 1.616 $\chi^2/\text{NDF}: 627.5/26$

9.348 ± 1.646 $\chi^2/\text{NDF}: 536.9/27$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.045 $\pm$ 5.067 χ^2 /NDF: 2584.3/16

Left Out: 563.089 $\pm$ 3.032 χ^2 /NDF:334.0/9

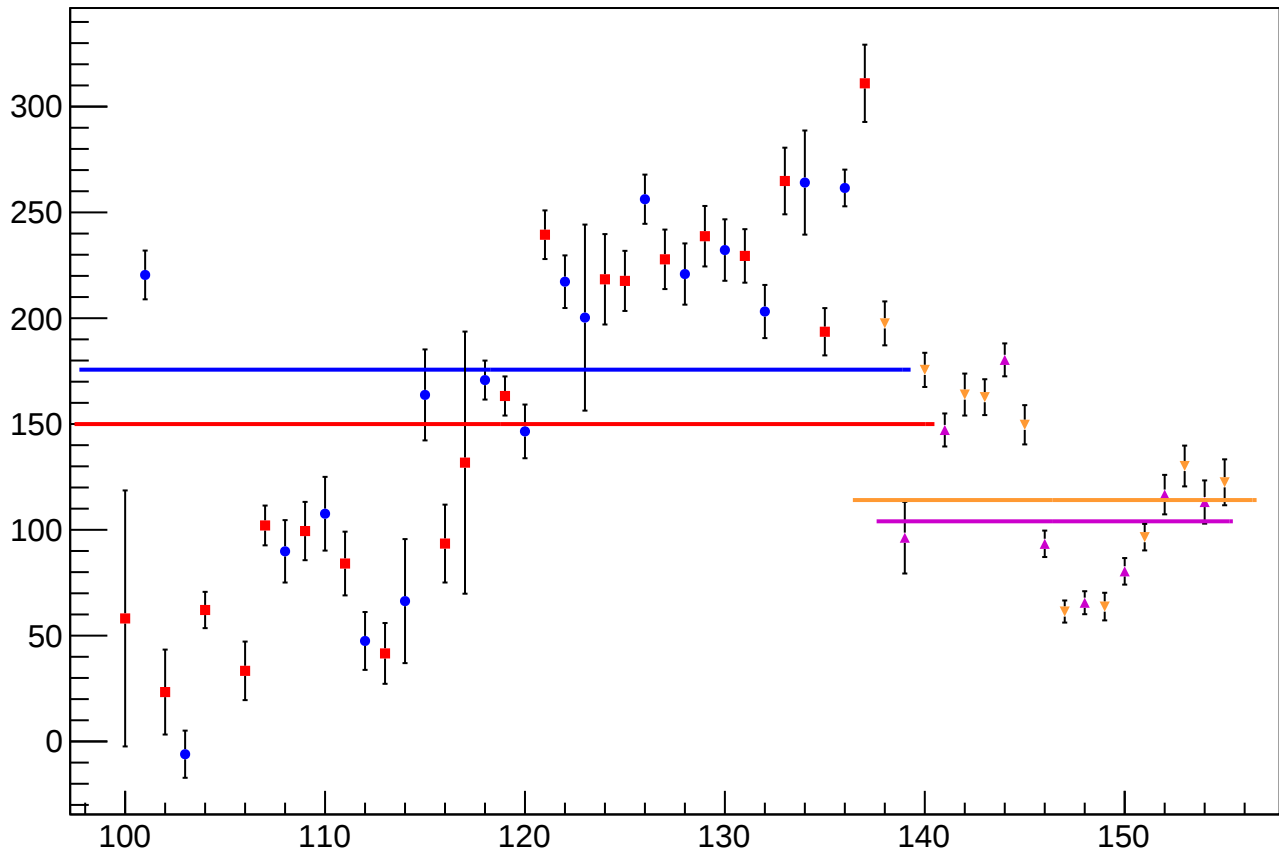
Right Out: 645.613 $\pm$ 4.754 χ^2 /NDF: 3129.0/19

Left In: 572.947 $\pm$ 3.200 χ^2 /NDF:147.4/7

592.600 $\pm$ 2.602 χ^2 /NDF: 3277.8/26

595.609 $\pm$ 2.655 χ^2 /NDF: 3437.2/27

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.686 ± 3.239 χ^2/NDF : 637.9/16

Left Out: 114.068 ± 2.461 χ^2/NDF : 367.9/9

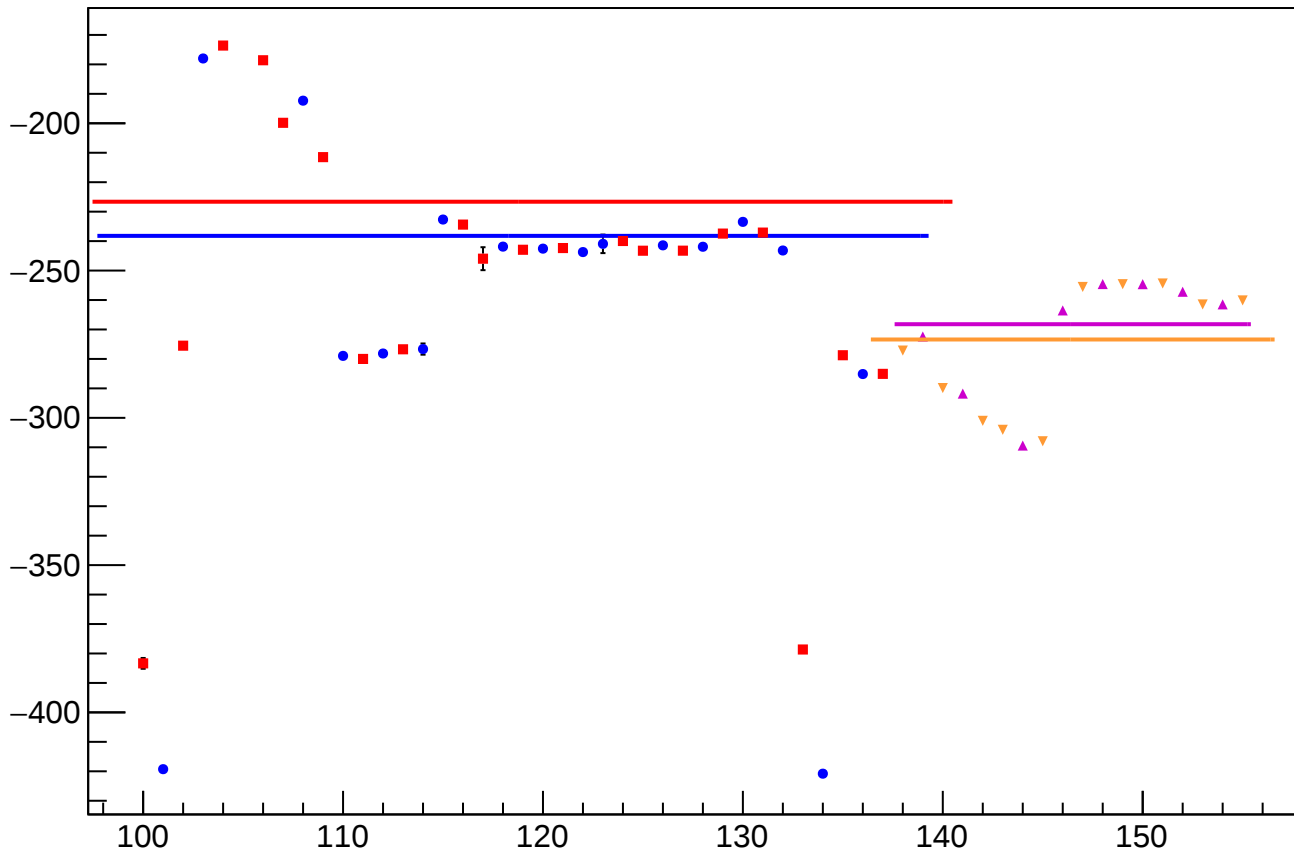
Right Out: 149.973 ± 3.038 χ^2/NDF : 693.8/19

Left In: 104.020 ± 2.650 χ^2/NDF : 196.8/7

136.619 ± 1.959 χ^2/NDF : 1235.3/26

123.873 ± 1.997 χ^2/NDF : 1020.6/27

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.217+/-0.160 χ^2/NDF : 167120.0/16

Left Out: -273.401+/-0.126 χ^2/NDF : 26590.7/9

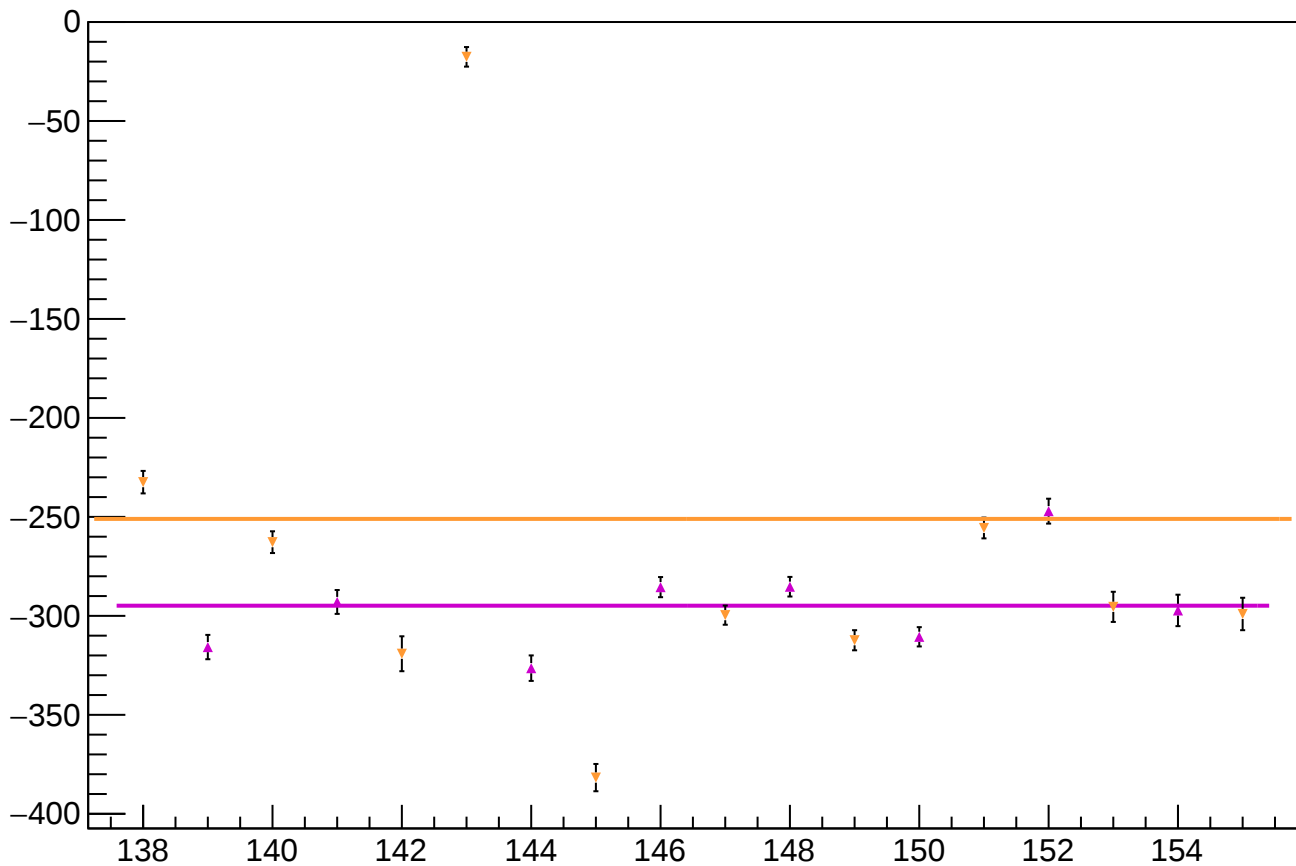
Right Out: -226.626+/-0.151 χ^2/NDF : 102587.0/19

Left In: -268.210+/-0.132 χ^2/NDF : 17700.8/7

-260.018+/-0.099 χ^2/NDF : 223503.3/26

-250.249+/-0.099 χ^2/NDF : 163306.1/27

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -251.019+/-1.861 χ^2/NDF : 2977.2/9

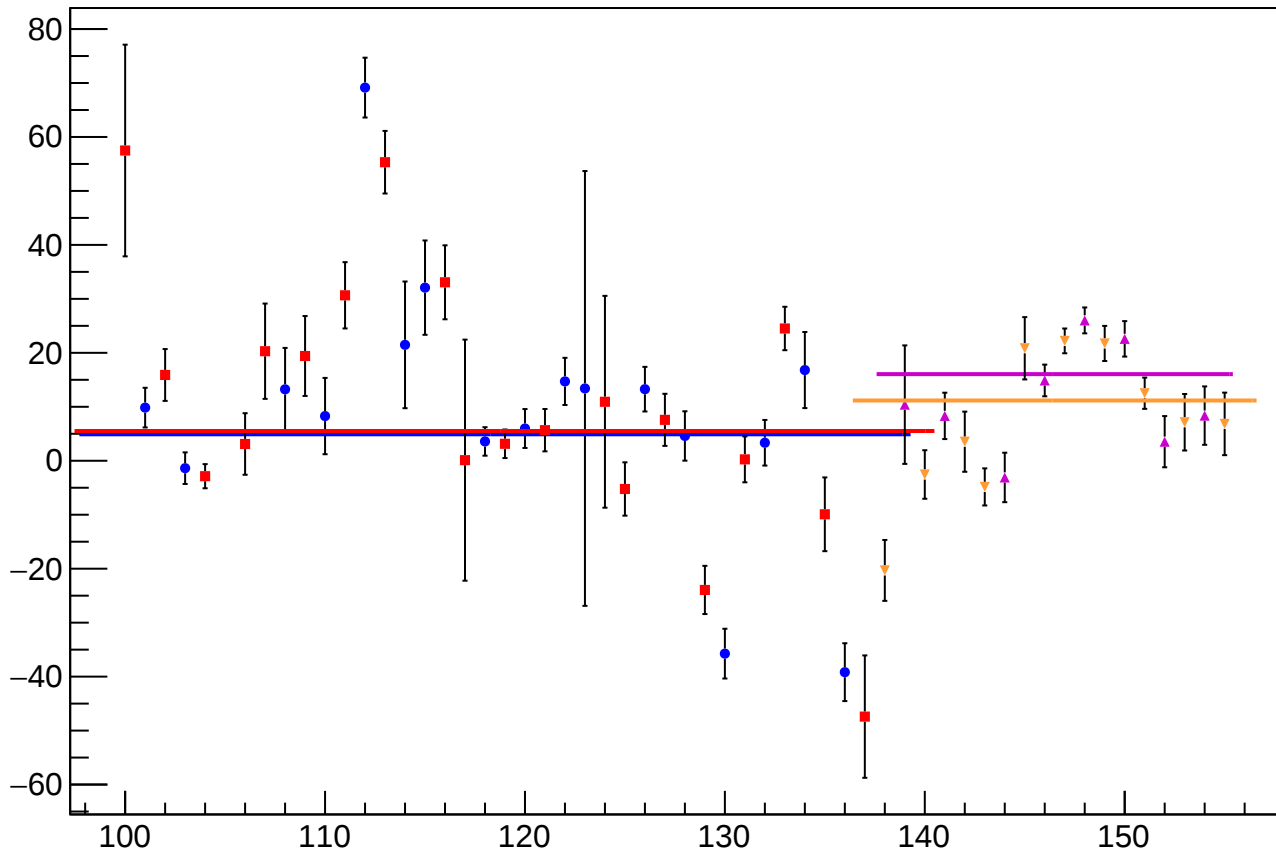
-251.019+/-1.861 χ^2/NDF : 2977.2/9

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

-294.864+/-2.038 χ^2/NDF : 111.0/7

Left In: -294.864+/-2.038 χ^2/NDF : 111.0/7

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.905 ± 1.105 χ^2/NDF : 311.7/16

Left Out: 11.168 ± 1.197 χ^2/NDF : 101.9/9

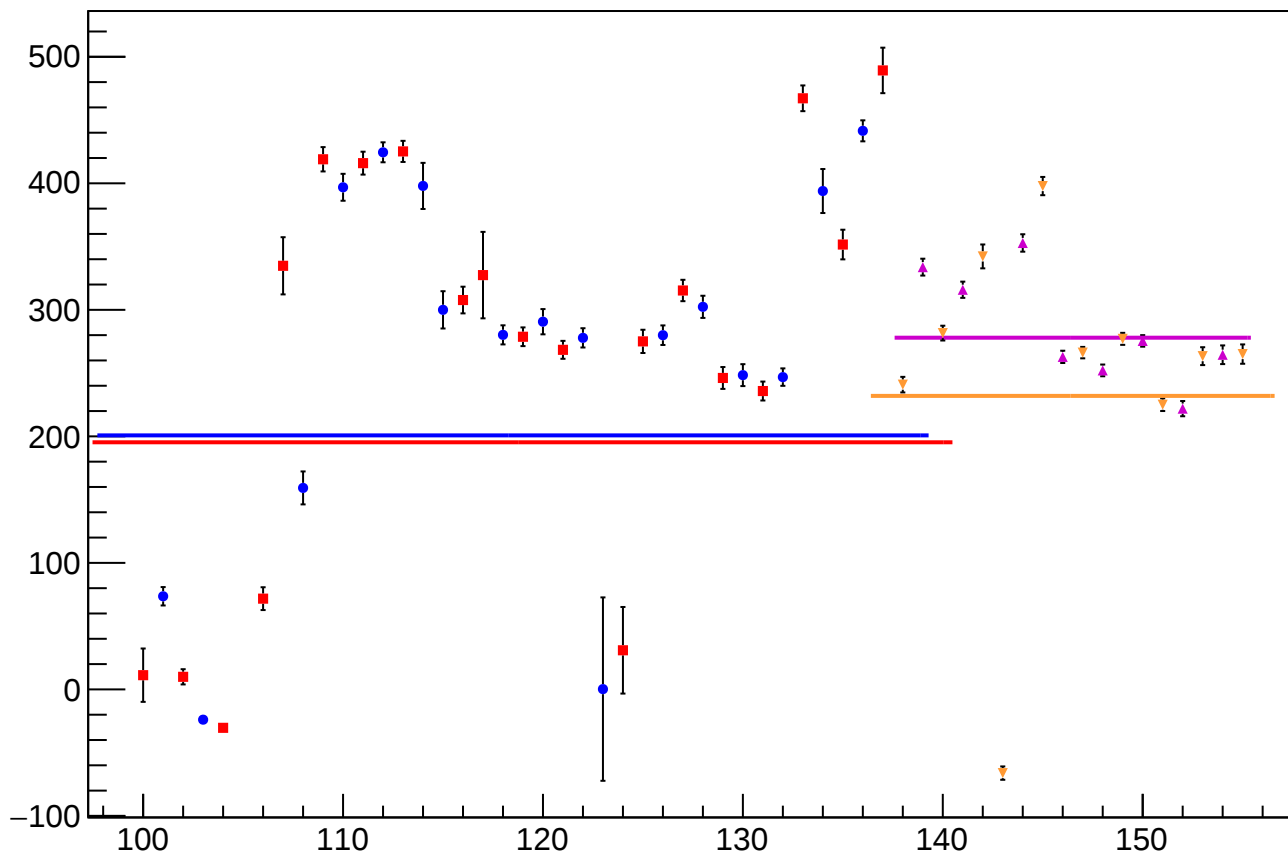
Right Out: 5.517 ± 1.067 χ^2/NDF : 239.0/19

Left In: 16.053 ± 1.323 χ^2/NDF : 51.3/7

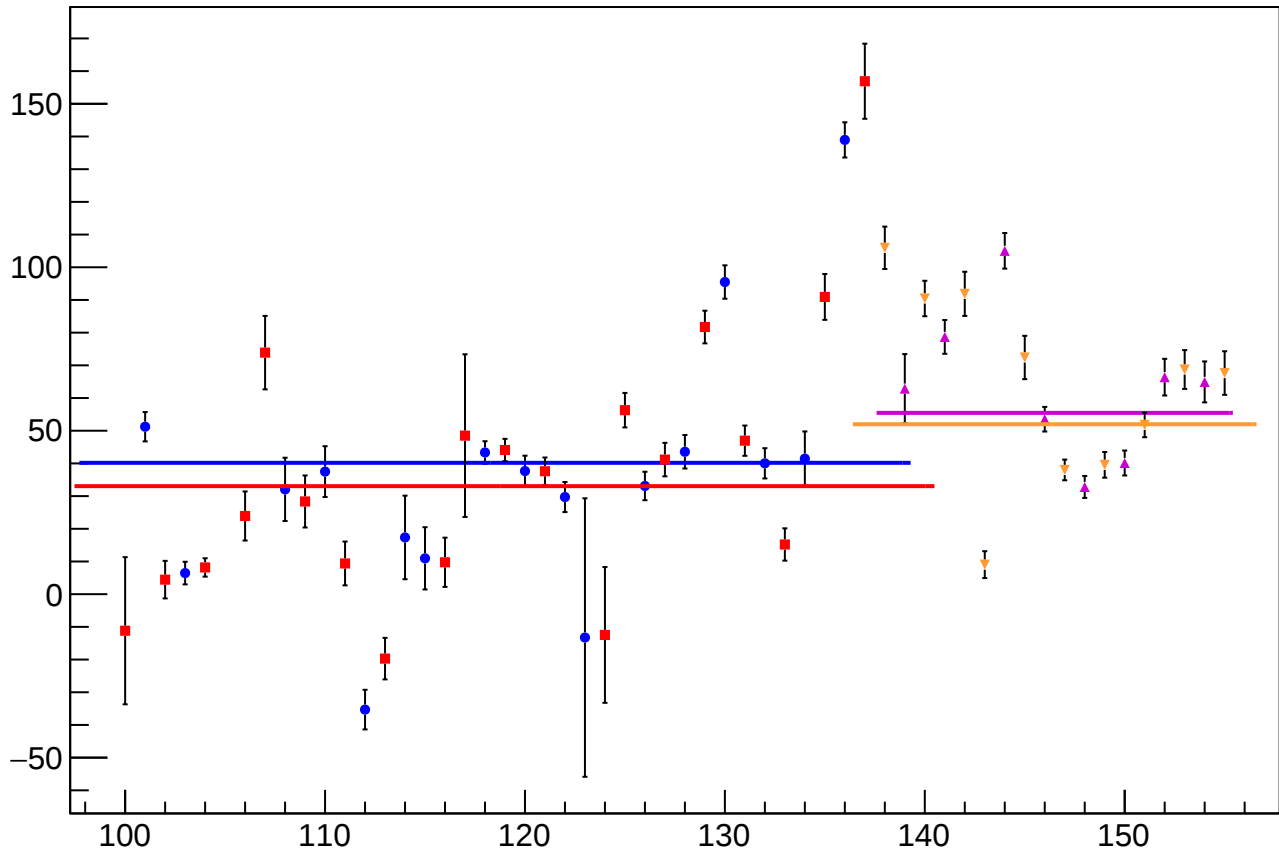
7.787 ± 0.812 χ^2/NDF : 428.4/26

9.669 ± 0.831 χ^2/NDF : 328.6/27

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.185 ± 1.283 $\chi^2/\text{NDF}: 734.6/16$

Left Out: 51.985 ± 1.495 $\chi^2/\text{NDF}: 316.1/9$

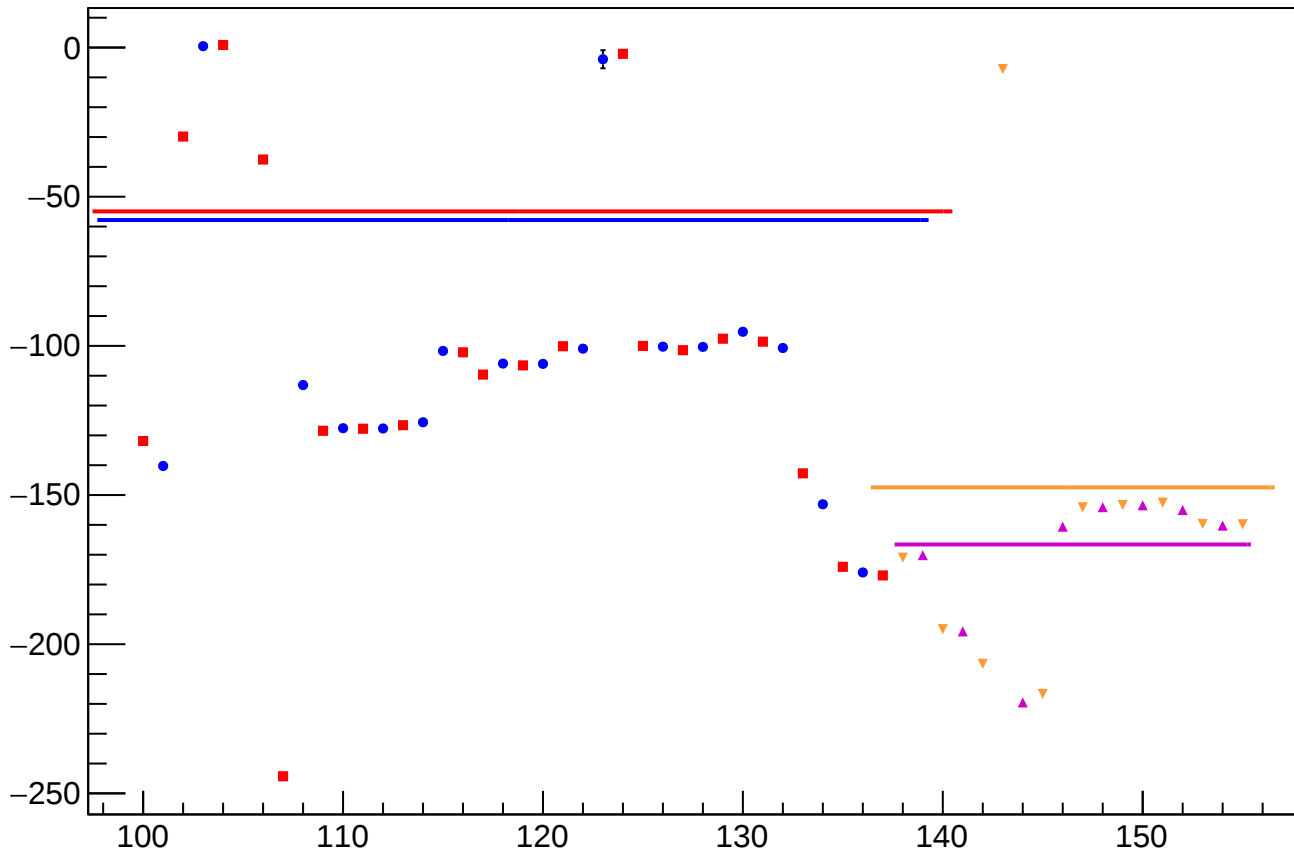
Right Out: 33.045 ± 1.249 $\chi^2/\text{NDF}: 553.1/19$

Left In: 55.462 ± 1.654 $\chi^2/\text{NDF}: 171.7/7$

45.190 ± 0.974 $\chi^2/\text{NDF}: 1086.5/26$

41.182 ± 0.997 $\chi^2/\text{NDF}: 841.8/27$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -57.821+/-0.062 χ^2/NDF : 1101296.2/16

Left Out: -147.439+/-0.077 χ^2/NDF : 574778.4/9

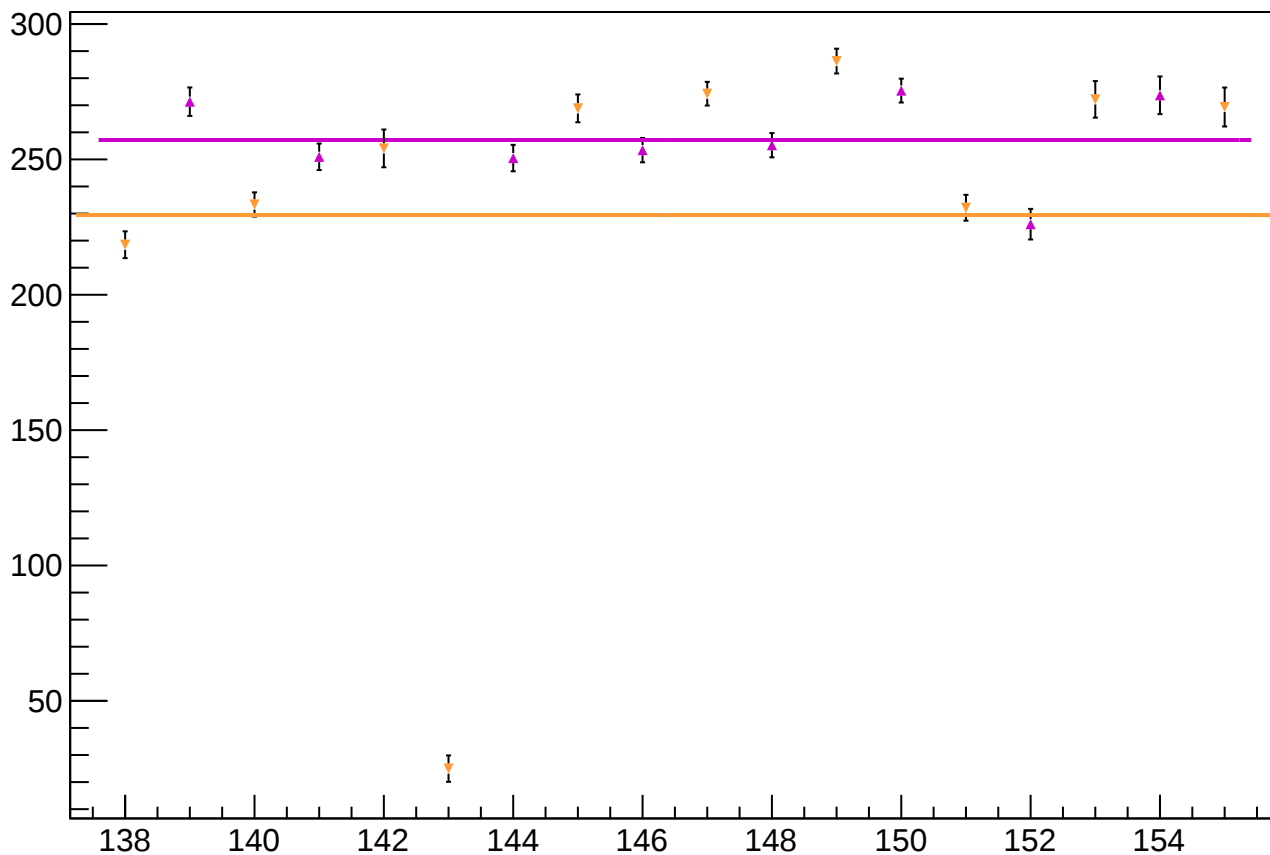
Right Out: -54.915+/-0.060 χ^2/NDF : 1001968.3/19

Left In: -166.569+/-0.082 χ^2/NDF : 55754.8/7

-93.130+/-0.048 χ^2/NDF : 2504910.5/26

-93.885+/-0.049 χ^2/NDF : 2258880.4/27

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 229.443+/-1.630 χ^2/NDF : 2169.6/9

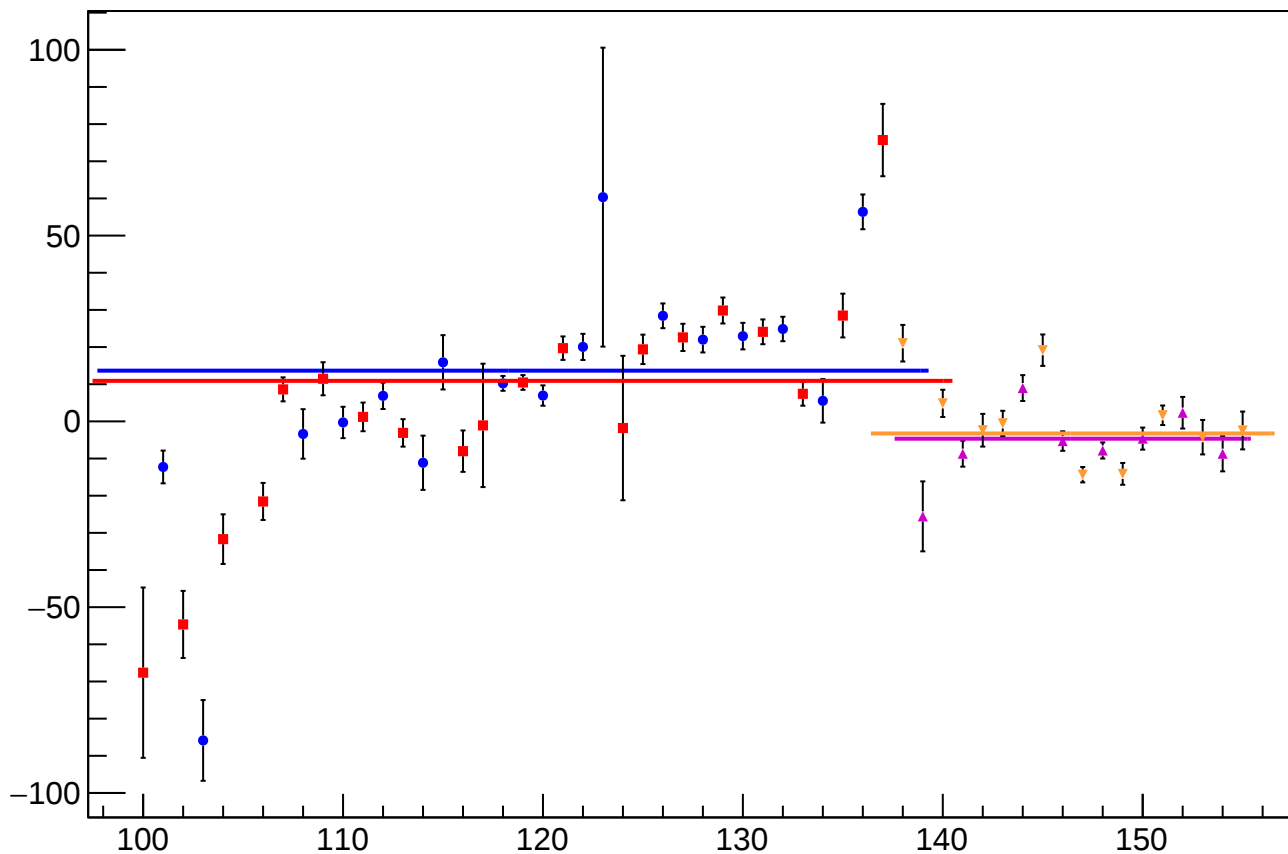
229.443+/-1.630 χ^2/NDF : 2169.6/9

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

257.173+/-1.760 χ^2/NDF : 64.7/7

Left In: 257.173+/-1.760 χ^2/NDF : 64.7/7

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.652 $\pm$ 0.936 χ^2 /NDF: 294.0/16

Left Out: -3.255 $\pm$ 1.061 χ^2 /NDF: 103.8/9

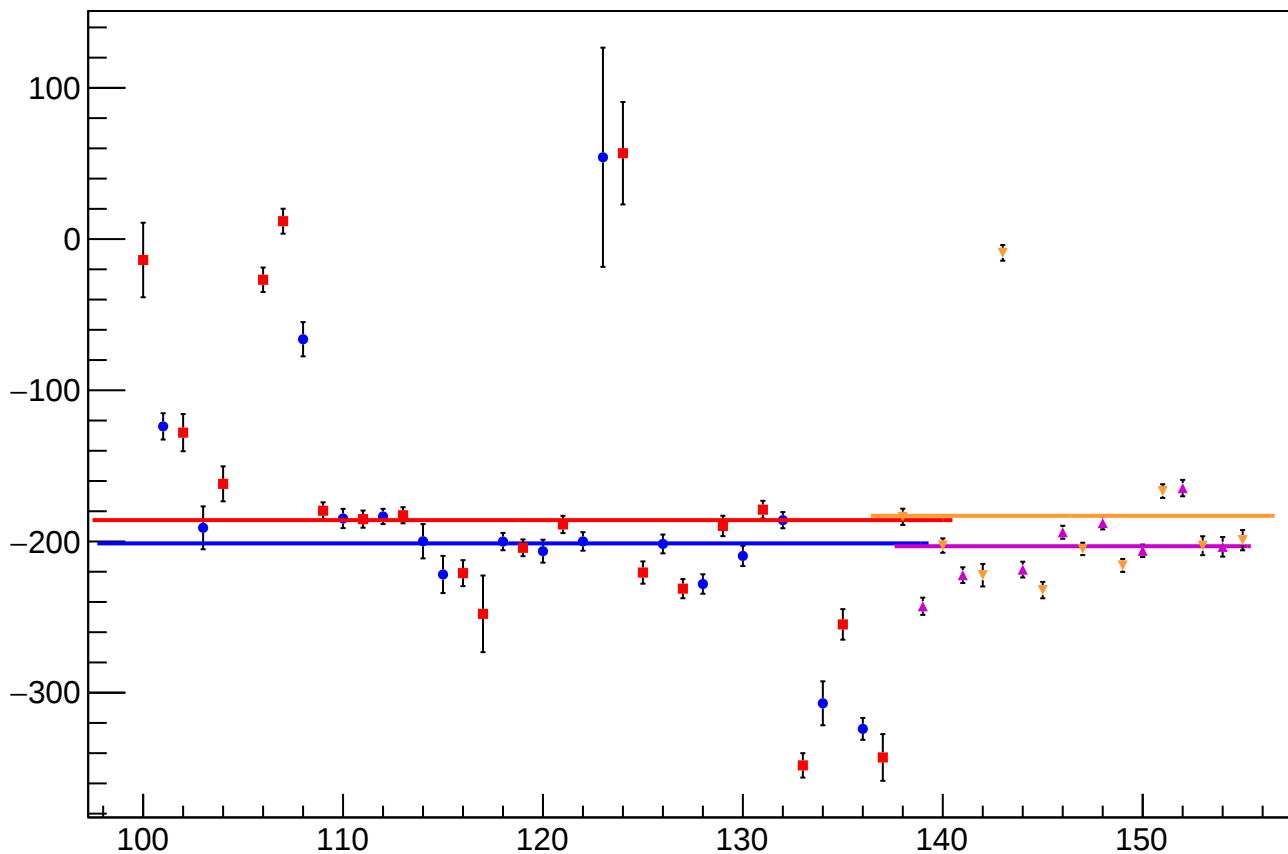
Right Out: 10.908 $\pm$ 0.912 χ^2 /NDF: 303.1/19

Left In: -4.661 $\pm$ 1.157 χ^2 /NDF: 27.2/7

6.254 $\pm$ 0.702 χ^2 /NDF: 540.5/26

4.946 $\pm$ 0.716 χ^2 /NDF: 441.9/27

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.266 ± 1.795 $\chi^2/\text{NDF}: 623.4/16$

Left Out: -183.020 ± 1.626 $\chi^2/\text{NDF}: 1361.8/9$

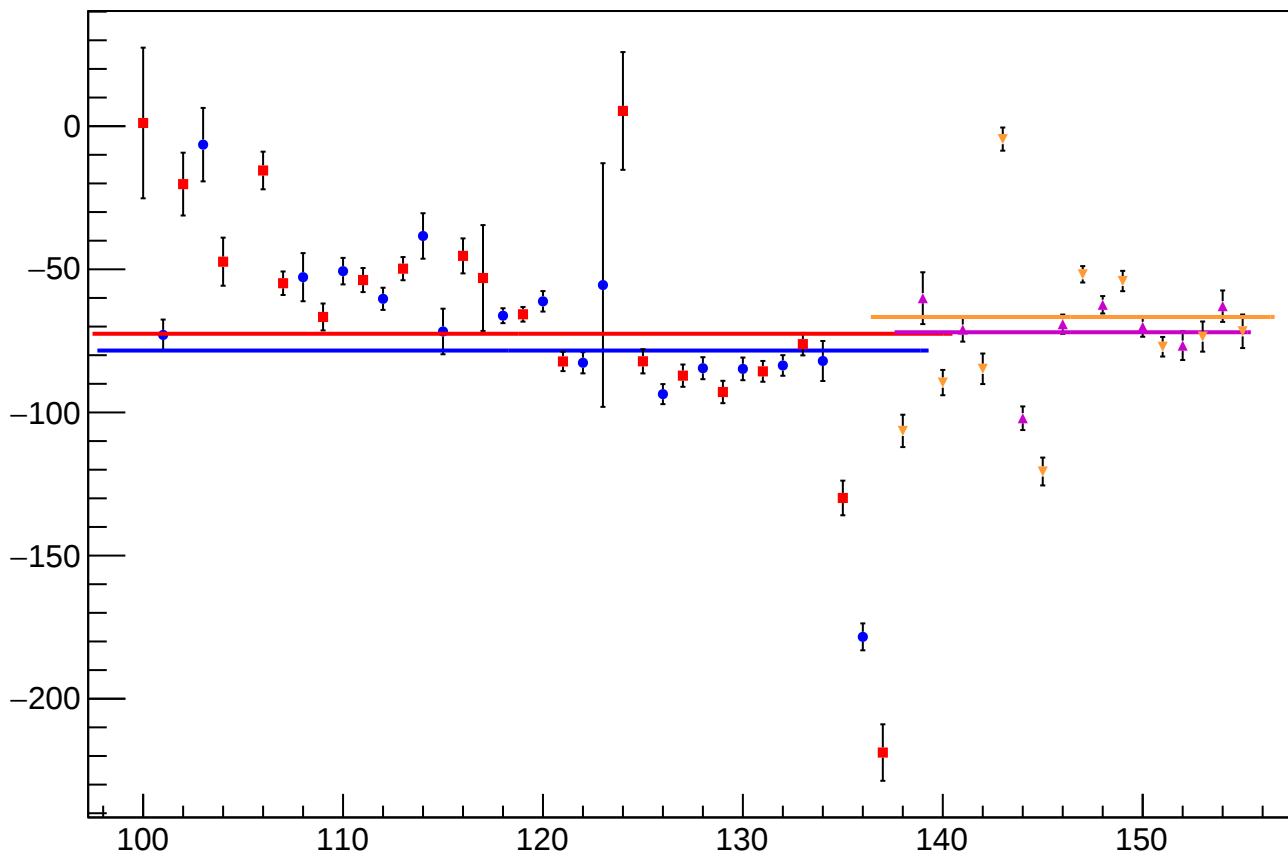
Right Out: -185.871 ± 1.695 $\chi^2/\text{NDF}: 1752.0/19$

Left In: -203.137 ± 1.735 $\chi^2/\text{NDF}: 139.8/7$

-191.243 ± 1.205 $\chi^2/\text{NDF}: 2041.9/26$

-194.307 ± 1.213 $\chi^2/\text{NDF}: 1942.5/27$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -78.376 ± 1.081 $\chi^2/\text{NDF}: 651.4/16$

Left Out: -66.650 ± 1.321 $\chi^2/\text{NDF}: 498.3/9$

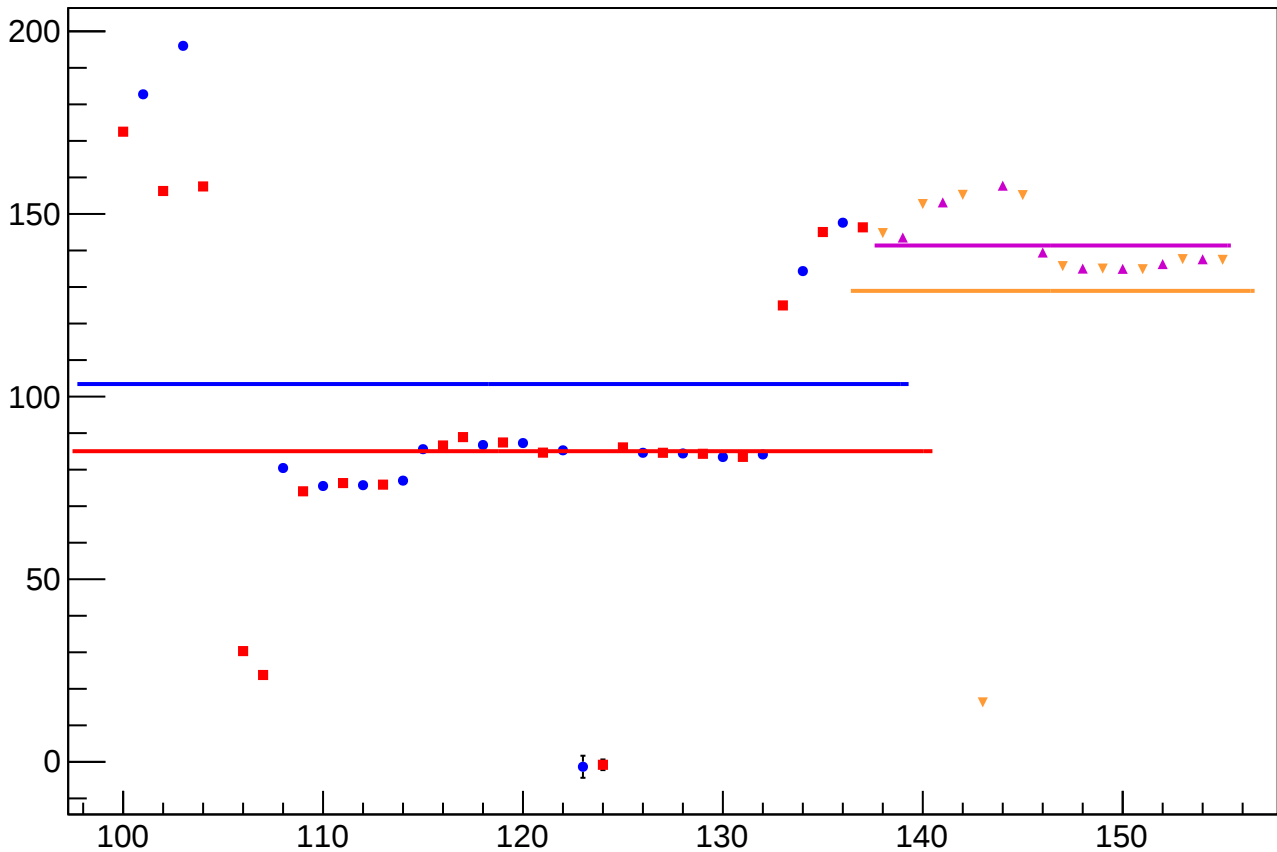
Right Out: -72.514 ± 1.050 $\chi^2/\text{NDF}: 607.0/19$

Left In: -71.984 ± 1.441 $\chi^2/\text{NDF}: 69.3/7$

-73.673 ± 0.837 $\chi^2/\text{NDF}: 1196.8/26$

-72.330 ± 0.849 $\chi^2/\text{NDF}: 676.4/27$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.436+/-0.071 χ^2/NDF : 272785.6/16

Left Out: 128.945+/-0.067 χ^2/NDF : 340972.3/9

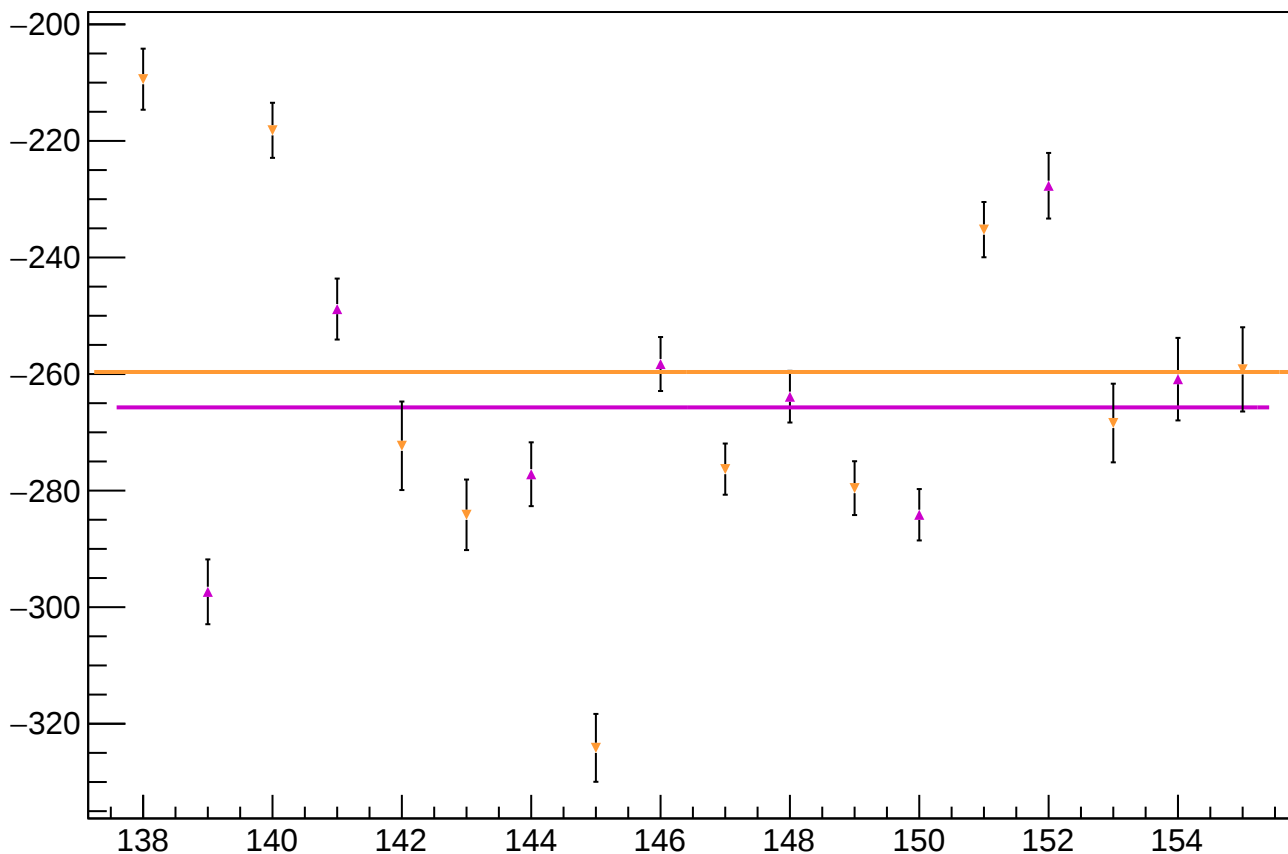
Right Out: 85.054+/-0.064 χ^2/NDF : 422354.0/19

Left In: 141.366+/-0.071 χ^2/NDF : 11904.0/7

116.867+/-0.049 χ^2/NDF : 681953.5/26

109.997+/-0.048 χ^2/NDF : 781015.0/27

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -259.647+/-1.716 χ^2/NDF : 372.0/9

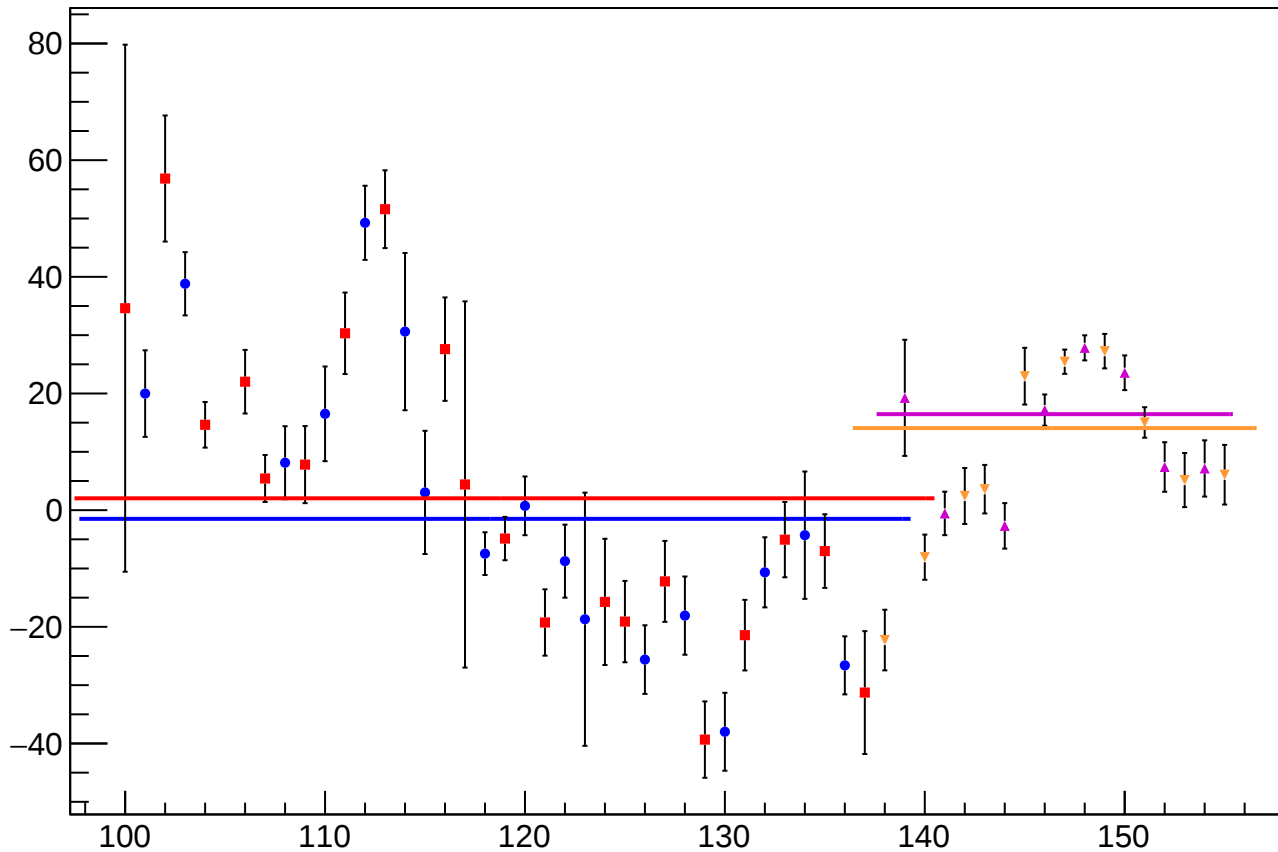
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -265.720+/-1.818 χ^2/NDF : 113.5/7

-259.647+/-1.716 χ^2/NDF : 372.0/9

-265.720+/-1.818 χ^2/NDF : 113.5/7

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.490 ± 1.536 χ^2/NDF : 226.0/16

Left Out: 14.071 ± 1.102 χ^2/NDF : 153.2/9

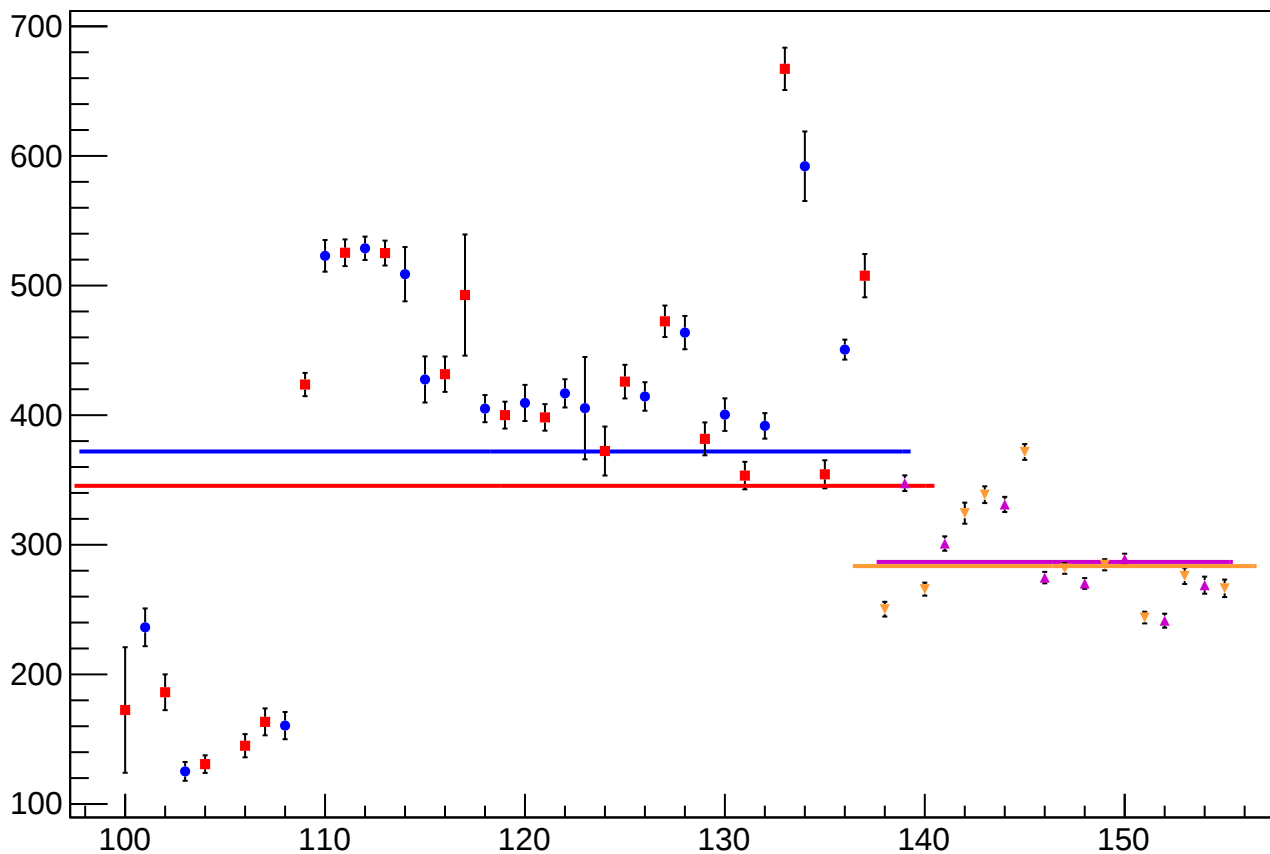
Right Out: 2.032 ± 1.398 χ^2/NDF : 233.3/19

Left In: 16.460 ± 1.183 χ^2/NDF : 87.0/7

8.784 ± 0.895 χ^2/NDF : 446.9/26

10.443 ± 0.903 χ^2/NDF : 382.4/27

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.975 ± 2.778 $\chi^2/\text{NDF}: 2432.6/16$

Left Out: 283.555 ± 1.700 $\chi^2/\text{NDF}: 437.9/9$

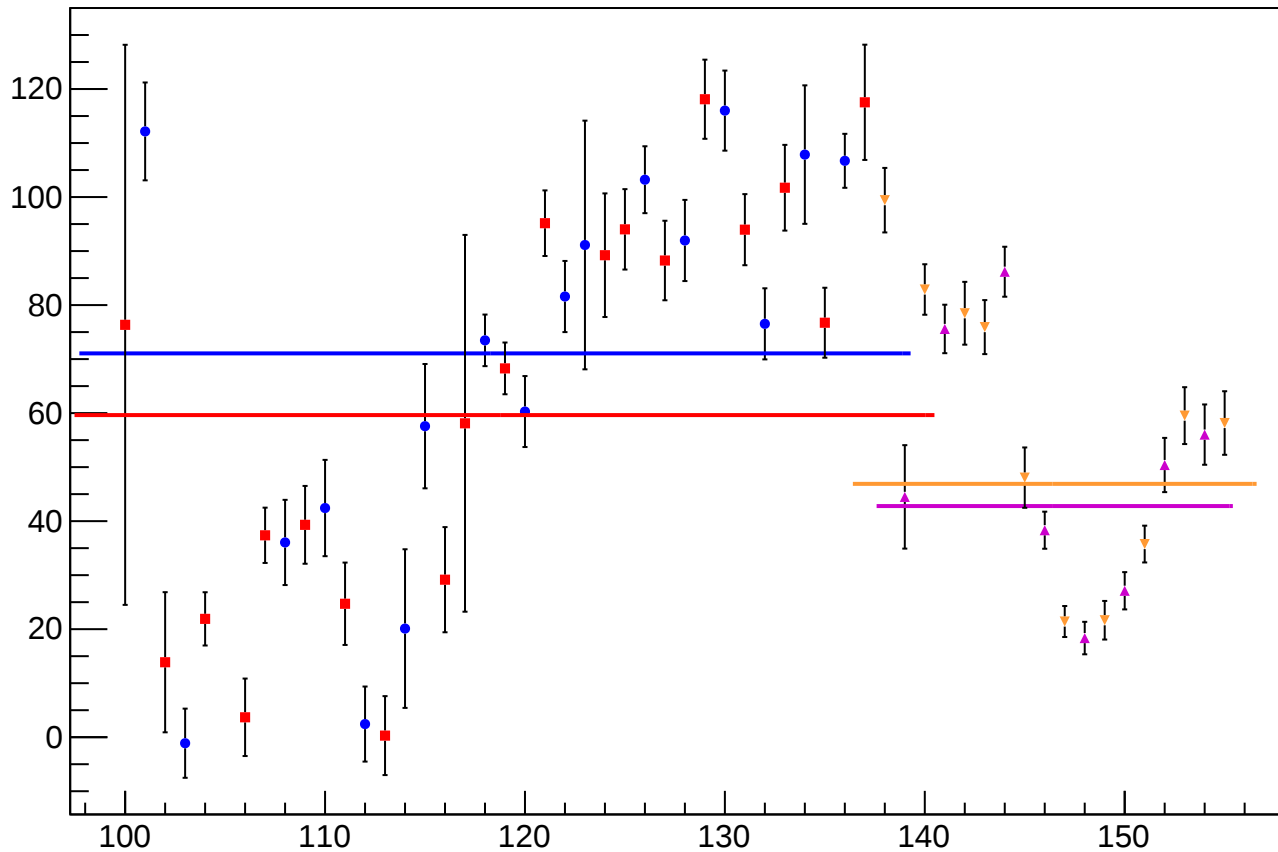
Right Out: 345.485 ± 2.558 $\chi^2/\text{NDF}: 3425.1/19$

Left In: 286.776 ± 1.784 $\chi^2/\text{NDF}: 267.2/7$

307.652 ± 1.450 $\chi^2/\text{NDF}: 3607.6/26$

305.978 ± 1.463 $\chi^2/\text{NDF}: 4046.8/27$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 71.056 $\pm$ 1.764 χ^2/NDF : 426.2/16

Left Out: 46.902 $\pm$ 1.379 χ^2/NDF : 348.7/9

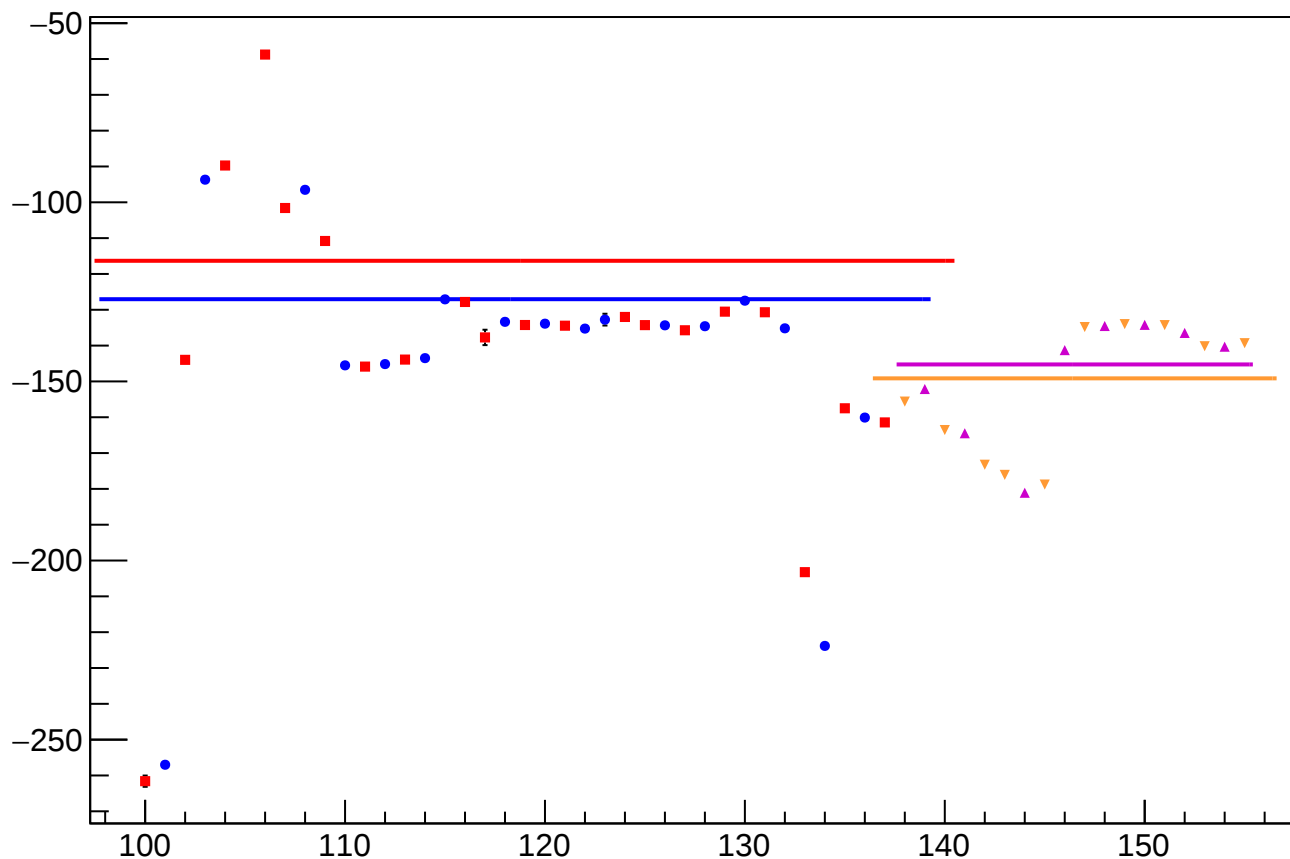
Right Out: 59.634 $\pm$ 1.629 χ^2/NDF : 491.6/19

Left In: 42.792 $\pm$ 1.477 χ^2/NDF : 237.7/7

56.059 $\pm$ 1.086 χ^2/NDF : 891.3/26

50.388 $\pm$ 1.094 χ^2/NDF : 788.0/27

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.049+/-0.090 χ^2/NDF : 167014.4/16

Left Out: -149.146+/-0.071 χ^2/NDF : 57567.5/9

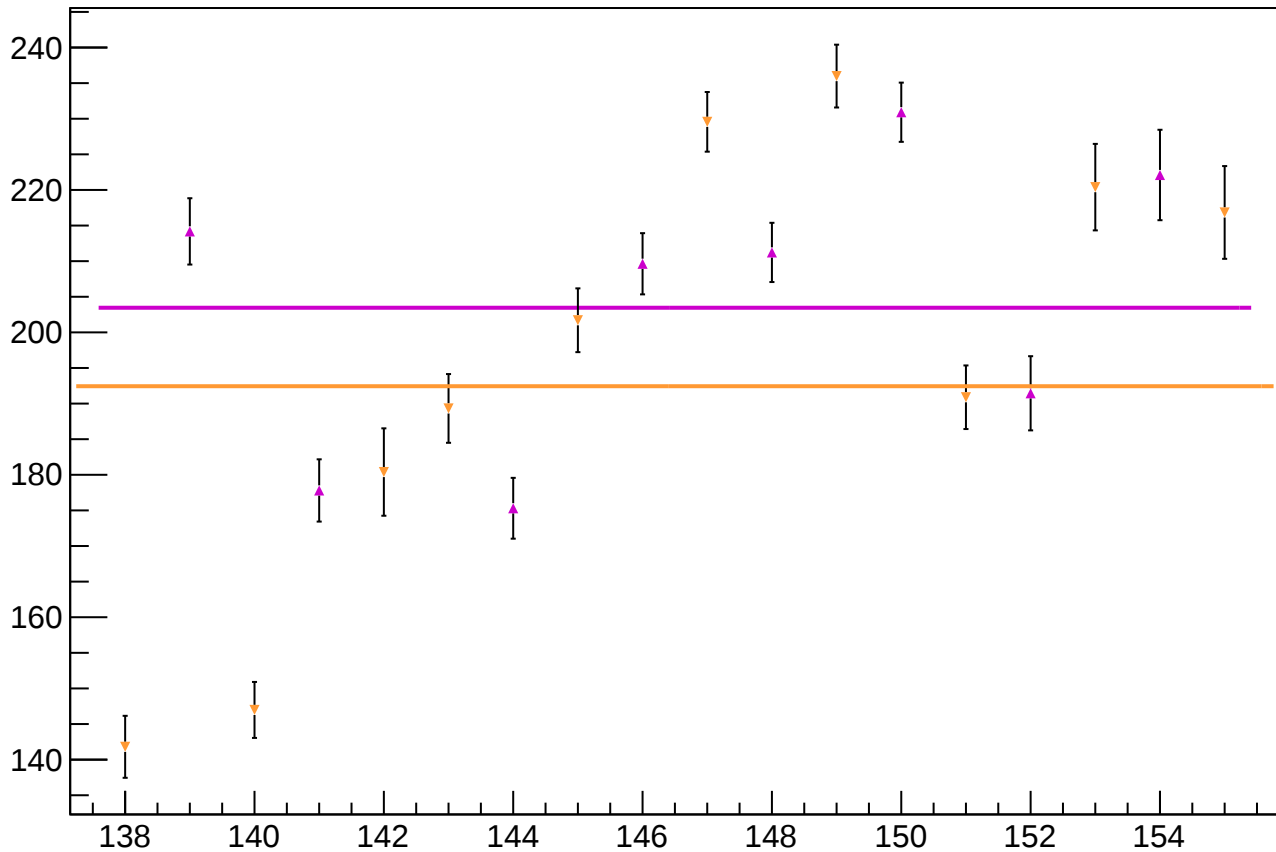
Right Out: -116.327+/-0.083 χ^2/NDF : 167208.7/19

Left In: -145.261+/-0.073 χ^2/NDF : 38001.0/7

-140.715+/-0.055 χ^2/NDF : 262048.2/26

-132.544+/-0.055 χ^2/NDF : 273448.8/27

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 192.439+/-1.497 χ^2/NDF : 489.0/9

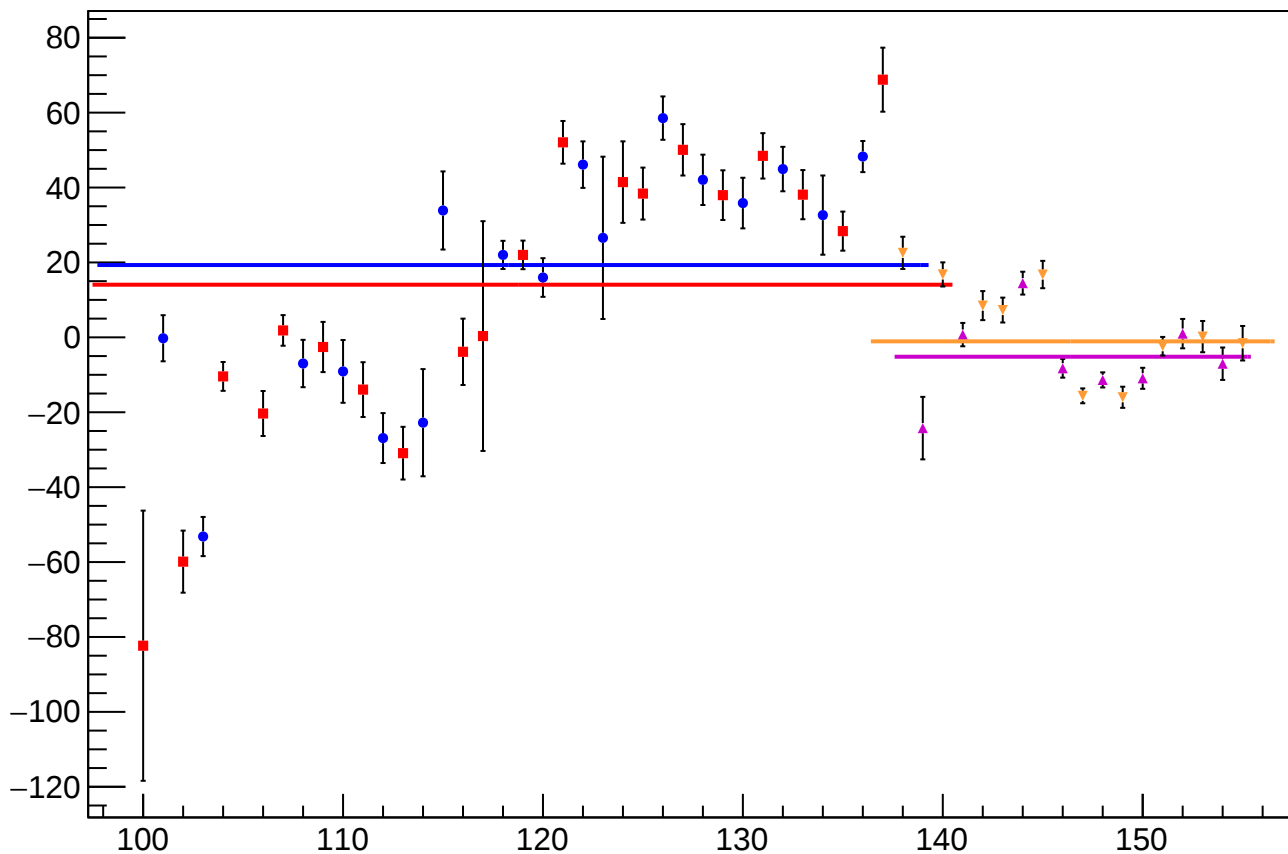
192.439+/-1.497 χ^2/NDF : 489.0/9

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

Left In: 203.459+/-1.612 χ^2/NDF : 146.3/7

203.459+/-1.612 χ^2/NDF : 146.3/7

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.308 ± 1.500 $\chi^2/\text{NDF}: 441.3/16$

Left Out: -1.070 ± 0.986 $\chi^2/\text{NDF}: 179.1/9$

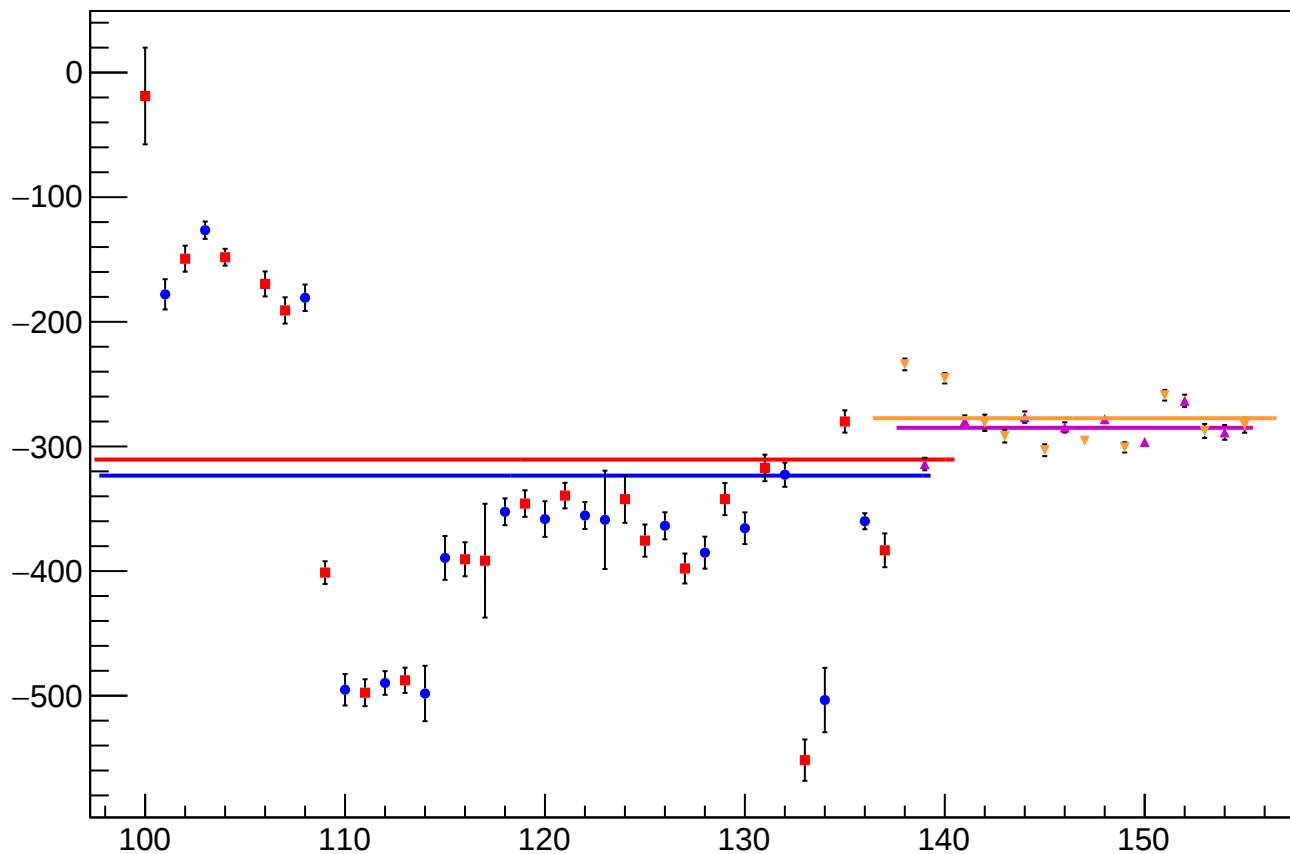
Right Out: 14.055 ± 1.388 $\chi^2/\text{NDF}: 437.1/19$

Left In: -5.175 ± 1.069 $\chi^2/\text{NDF}: 68.1/7$

5.075 ± 0.824 $\chi^2/\text{NDF}: 749.2/26$

1.980 ± 0.847 $\chi^2/\text{NDF}: 625.7/27$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.402 ± 2.684 $\chi^2/\text{NDF}: 1849.6/16$

Left Out: -277.352 ± 1.499 $\chi^2/\text{NDF}: 256.4/9$

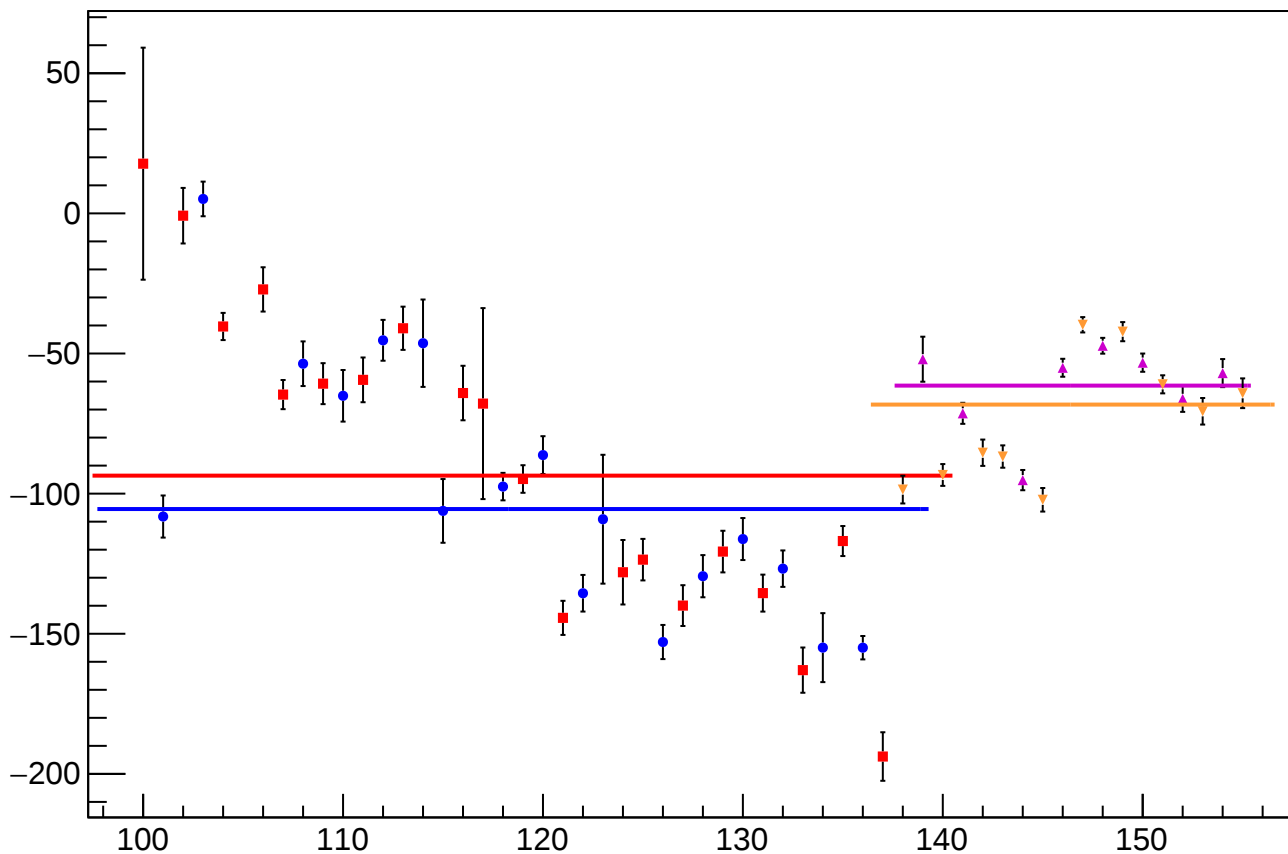
Right Out: -310.484 ± 2.520 $\chi^2/\text{NDF}: 2302.0/19$

Left In: -285.026 ± 1.594 $\chi^2/\text{NDF}: 68.9/7$

-288.298 ± 1.309 $\chi^2/\text{NDF}: 2330.4/26$

-292.302 ± 1.347 $\chi^2/\text{NDF}: 2443.8/27$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.496 ± 1.712 χ^2/NDF : 737.3/16

Left Out: -68.223 ± 1.224 χ^2/NDF : 351.7/9

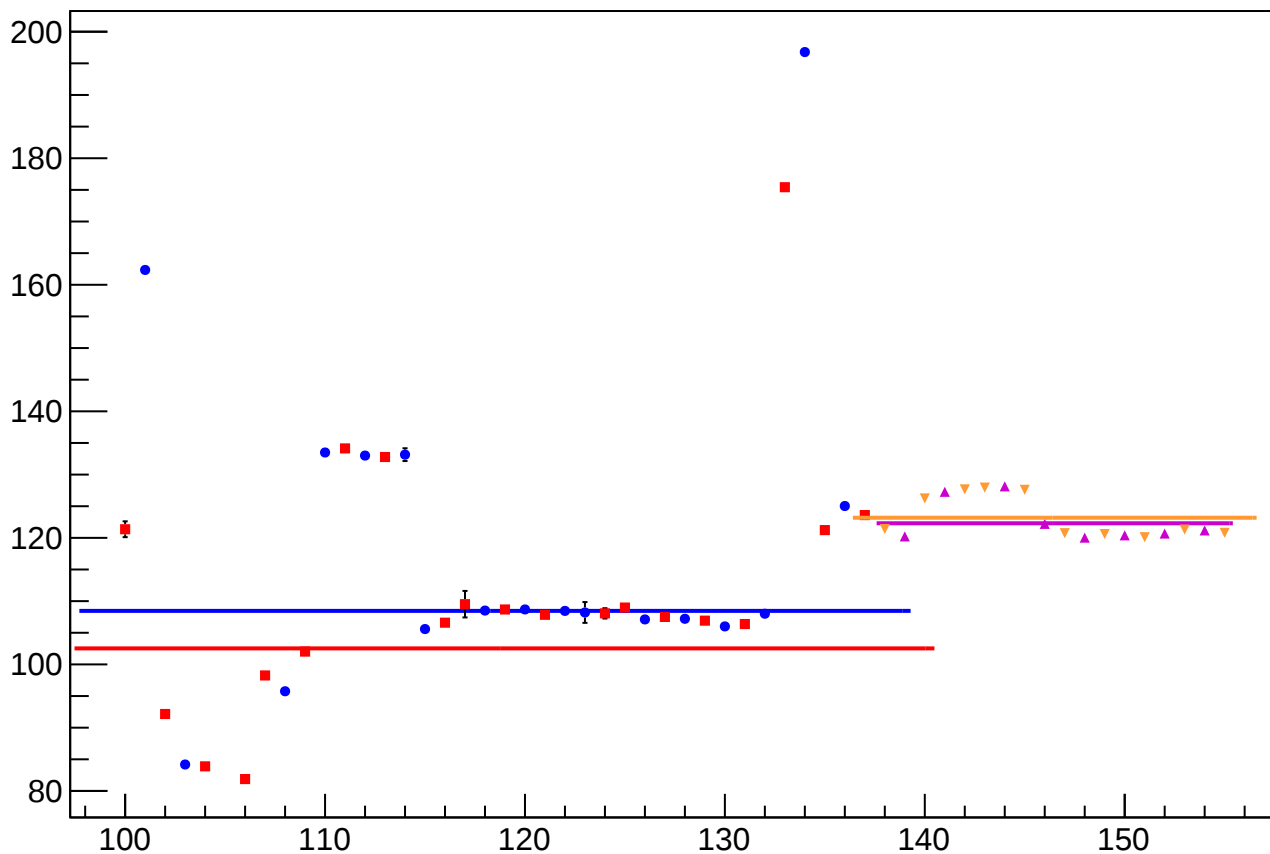
Right Out: -93.579 ± 1.608 χ^2/NDF : 827.7/19

Left In: -61.455 ± 1.328 χ^2/NDF : 132.9/7

-80.834 ± 0.996 χ^2/NDF : 1402.6/26

-74.477 ± 1.024 χ^2/NDF : 1197.7/27

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.460 $\pm$ 0.085 $\chi^2/\text{NDF}: 73301.9/16$

Left Out: 123.181 $\pm$ 0.062 $\chi^2/\text{NDF}: 2620.6/9$

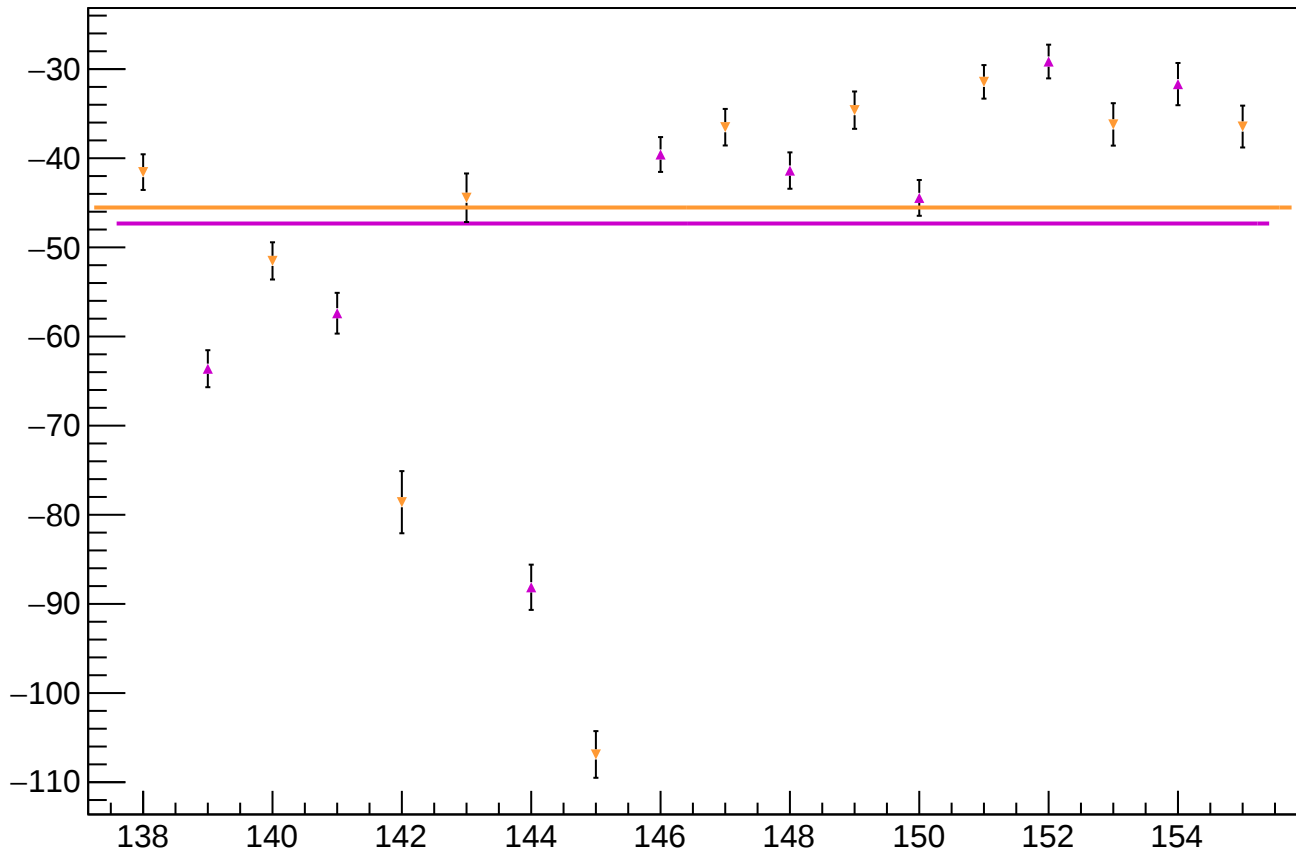
Right Out: 102.532 $\pm$ 0.079 $\chi^2/\text{NDF}: 53003.2/19$

Left In: 122.308 $\pm$ 0.065 $\chi^2/\text{NDF}: 2107.0/7$

118.090 $\pm$ 0.050 $\chi^2/\text{NDF}: 95545.4/26$

114.325 $\pm$ 0.051 $\chi^2/\text{NDF}: 92019.1/27$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -45.527+/-0.716 χ^2/NDF : 784.0/9

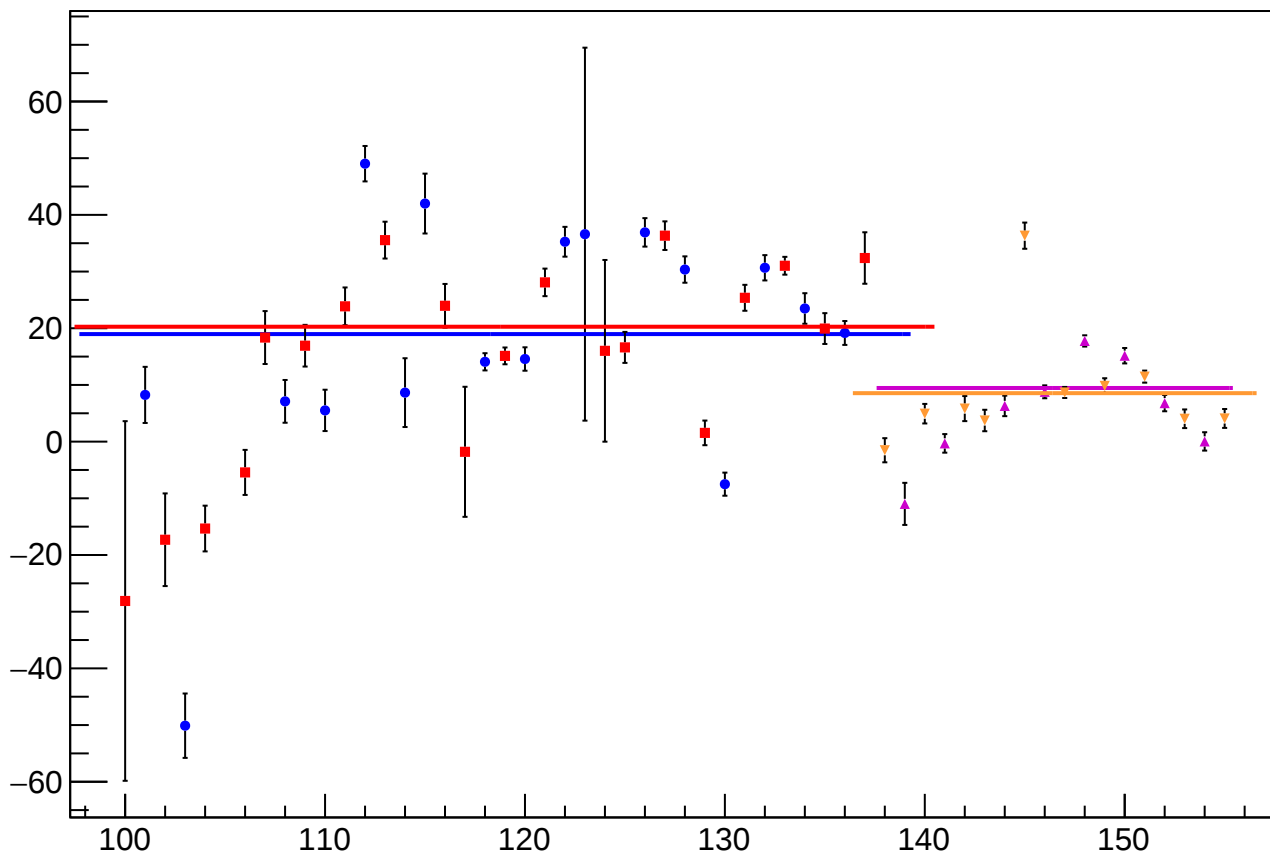
-45.527+/-0.716 χ^2/NDF : 784.0/9

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

Left In: -47.324+/-0.748 χ^2/NDF : 501.7/7

-47.324+/-0.748 χ^2/NDF : 501.7/7

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.970 $\pm$ 0.653 χ^2 /NDF: 618.4/16

Left Out: 8.549 $\pm$ 0.474 χ^2 /NDF: 202.5/9

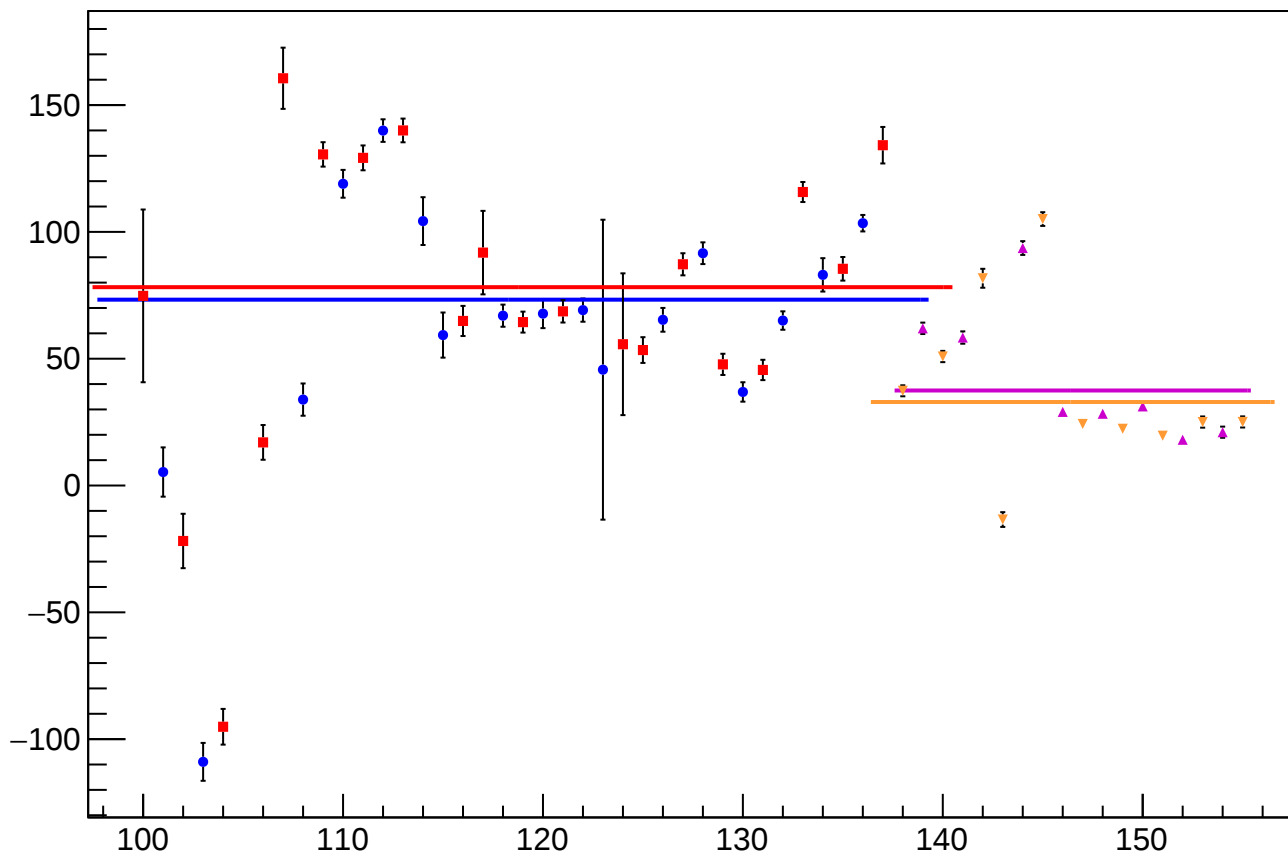
Right Out: 20.269 $\pm$ 0.641 χ^2 /NDF: 370.1/19

Left In: 9.463 $\pm$ 0.504 χ^2 /NDF: 194.1/7

12.148 $\pm$ 0.384 χ^2 /NDF: 987.6/26

13.585 $\pm$ 0.396 χ^2 /NDF: 739.9/27

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.278+/-1.236 χ^2/NDF : 1198.6/16

Left Out: 32.930+/-0.708 χ^2/NDF : 1335.5/9

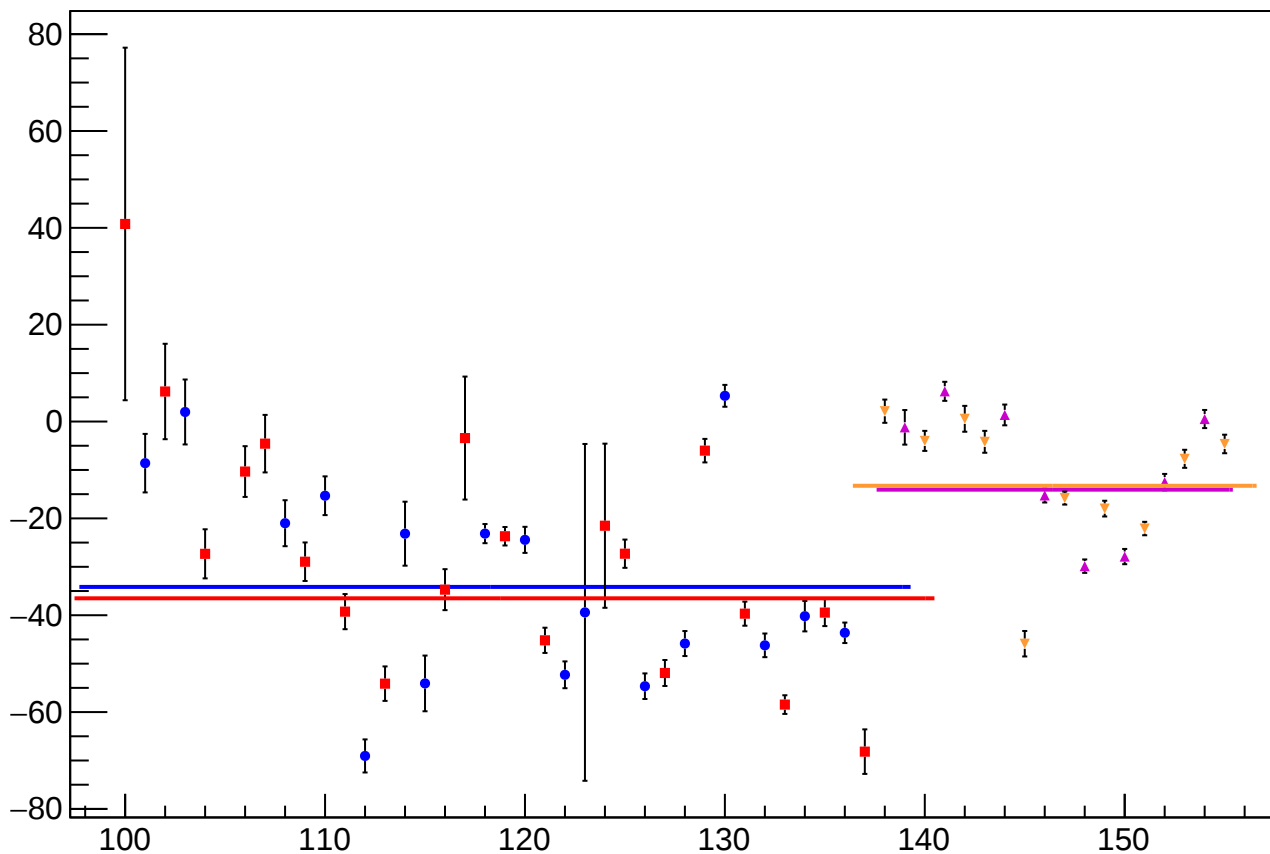
Right Out: 78.205+/-1.219 χ^2/NDF : 1544.0/19

Left In: 37.466+/-0.734 χ^2/NDF : 845.9/7

42.889+/-0.614 χ^2/NDF : 3336.1/26

48.304+/-0.629 χ^2/NDF : 3209.4/27

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.153 ± 0.745 $\chi^2/\text{NDF}: 717.5/16$

Left Out: -13.264 ± 0.587 $\chi^2/\text{NDF}: 339.6/9$

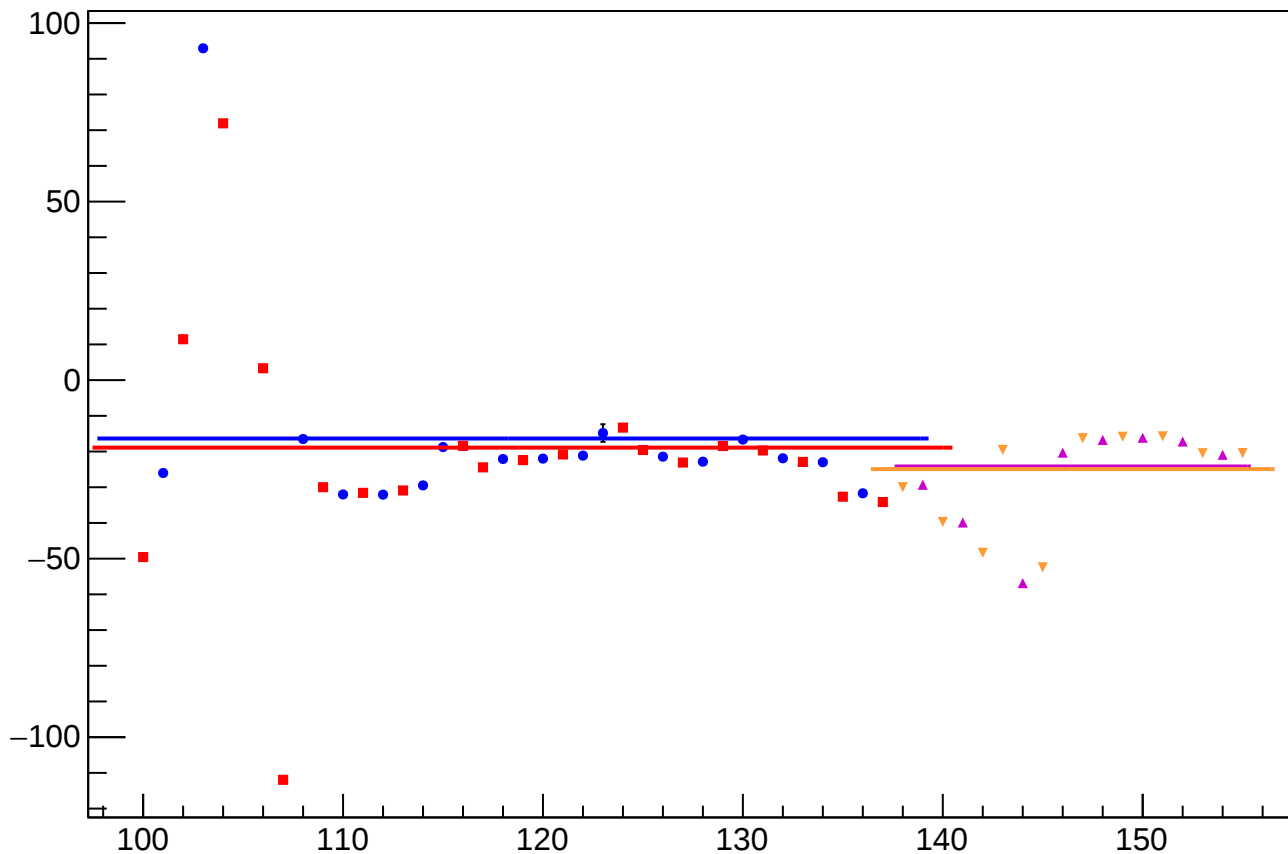
Right Out: -36.507 ± 0.735 $\chi^2/\text{NDF}: 553.8/19$

Left In: -14.067 ± 0.623 $\chi^2/\text{NDF}: 440.1/7$

-21.269 ± 0.461 $\chi^2/\text{NDF}: 1542.2/26$

-23.450 ± 0.475 $\chi^2/\text{NDF}: 1537.0/27$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.349 ± 0.045 $\chi^2/\text{NDF}: 474192.3/16$

Left Out: -24.916 ± 0.029 $\chi^2/\text{NDF}: 160810.5/9$

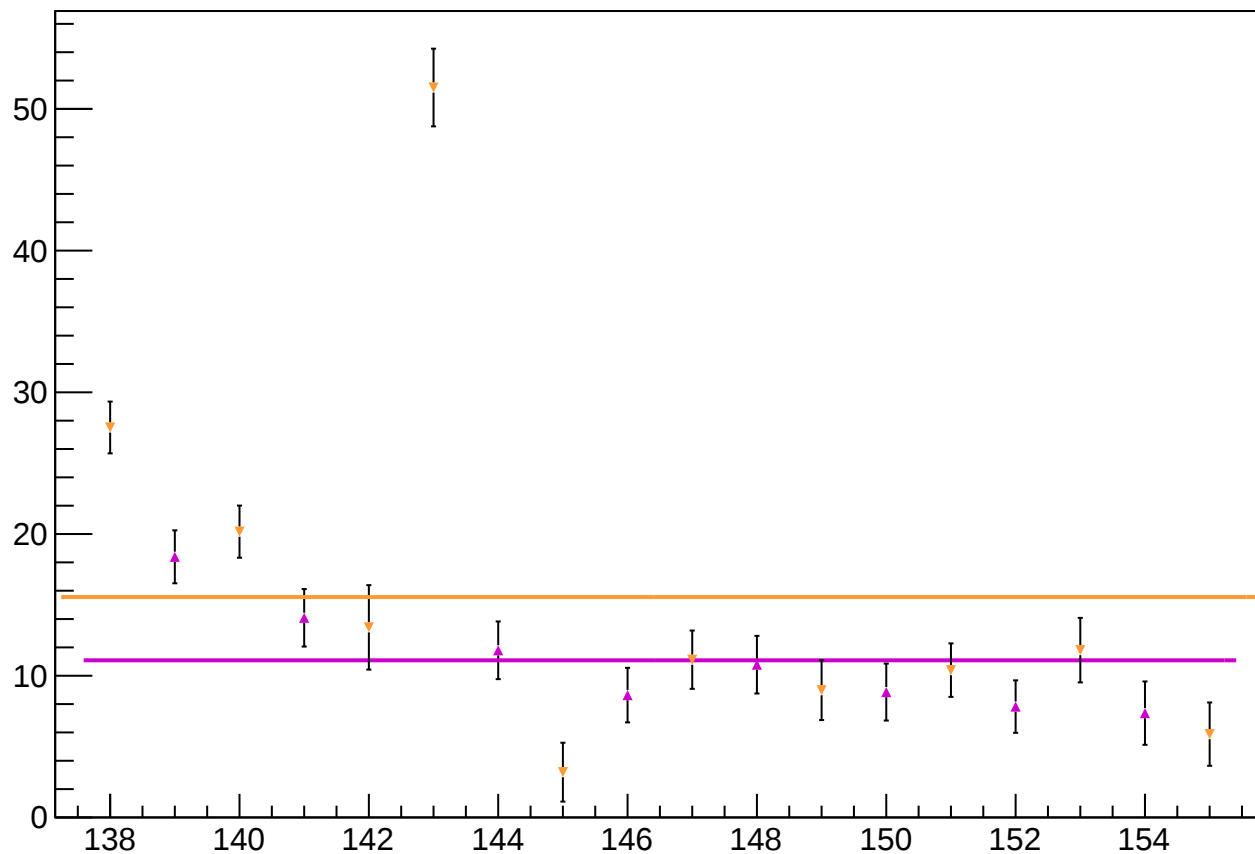
Right Out: -18.906 ± 0.045 $\chi^2/\text{NDF}: 433847.1/19$

Left In: -24.189 ± 0.030 $\chi^2/\text{NDF}: 136478.4/7$

-22.412 ± 0.024 $\chi^2/\text{NDF}: 661063.6/26$

-22.594 ± 0.025 $\chi^2/\text{NDF}: 579854.6/27$

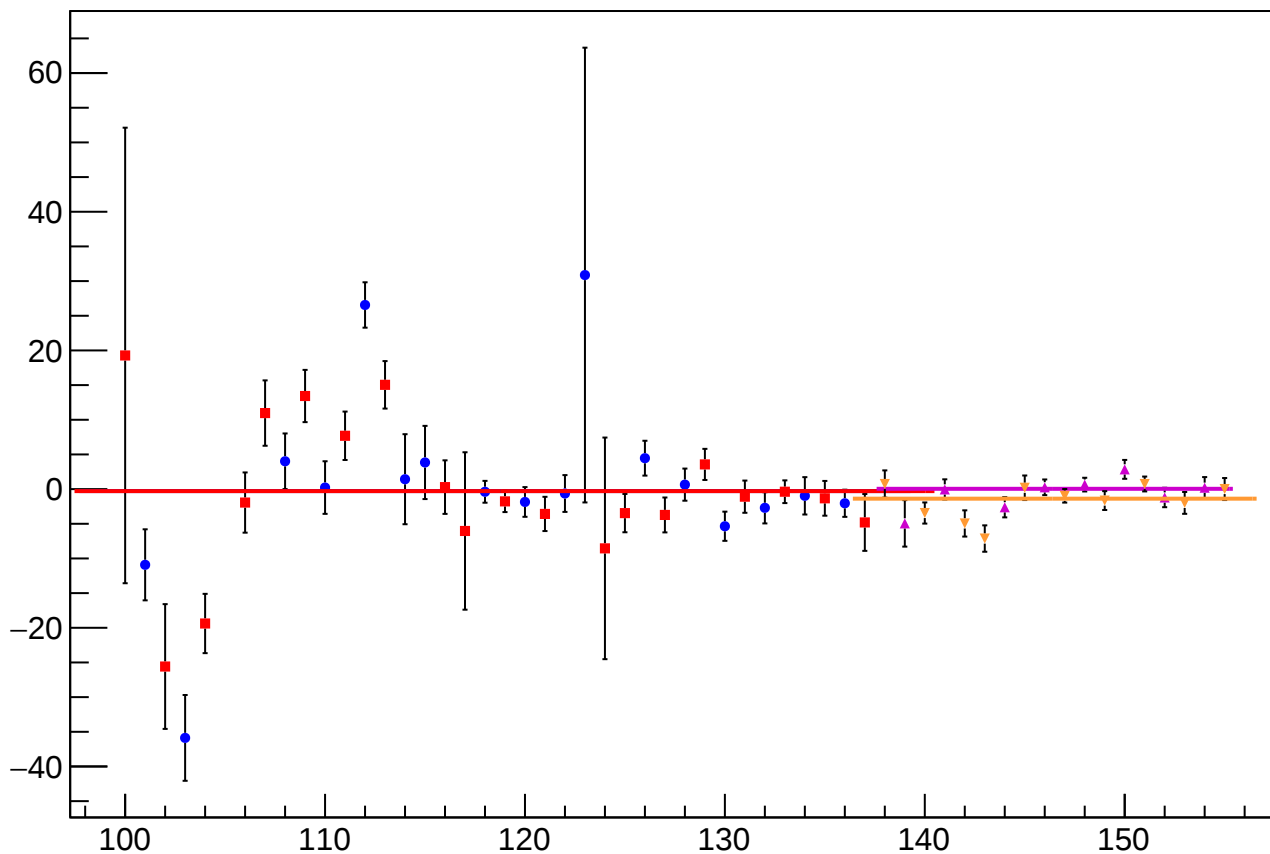
reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.554+/-0.673 χ^2/NDF : 300.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.088+/-0.703 χ^2/NDF : 26.4/7

15.554+/-0.673 χ^2/NDF : 300.3/9
 11.088+/-0.703 χ^2/NDF : 26.4/7

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.280 ± 0.662 χ^2/NDF : 119.5/16

Left Out: -1.378 ± 0.455 χ^2/NDF : 21.5/9

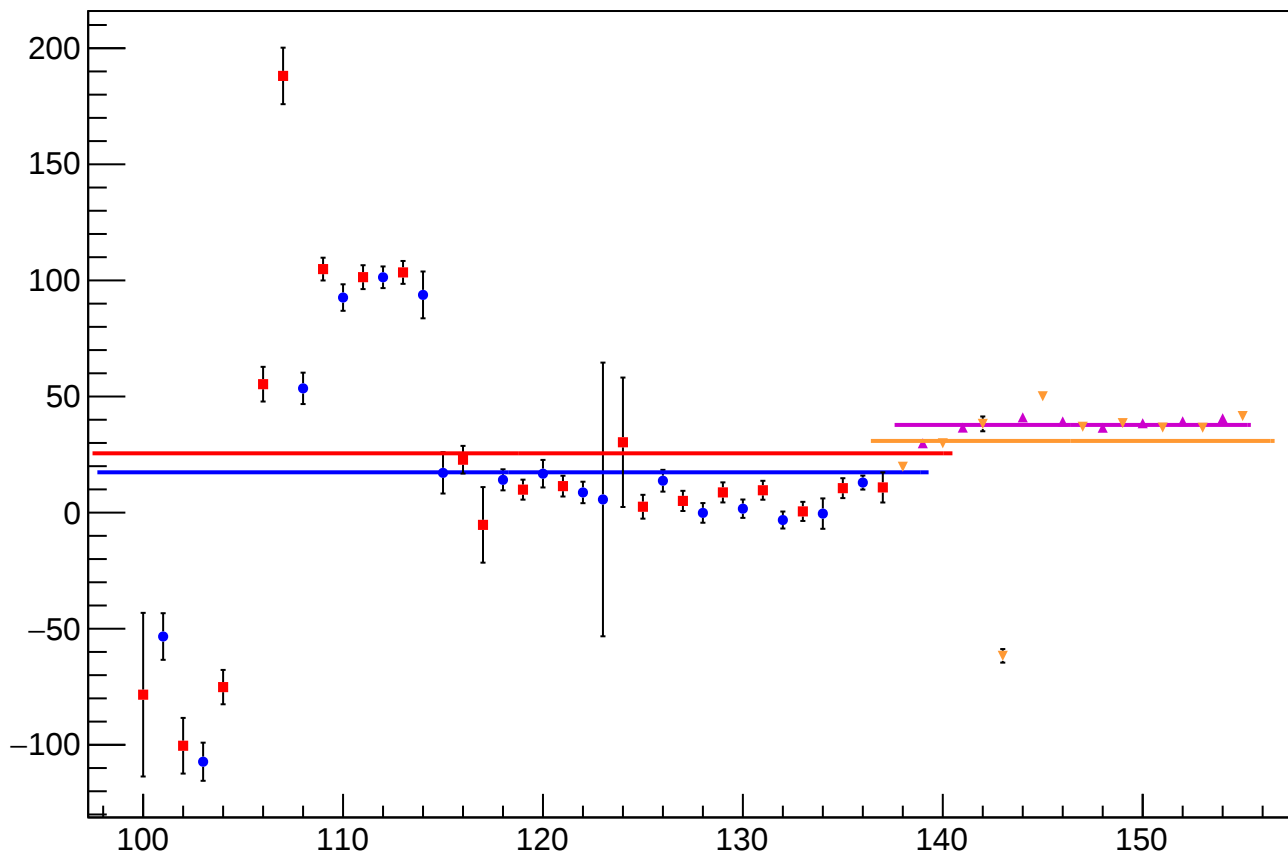
Right Out: -0.289 ± 0.655 χ^2/NDF : 83.4/19

Left In: 0.043 ± 0.482 χ^2/NDF : 11.0/7

-1.026 ± 0.375 χ^2/NDF : 142.9/26

-0.074 ± 0.388 χ^2/NDF : 94.6/27

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.361 ± 1.247 $\chi^2/\text{NDF}: 943.0/16$

Left Out: 30.873 ± 0.670 $\chi^2/\text{NDF}: 1184.1/9$

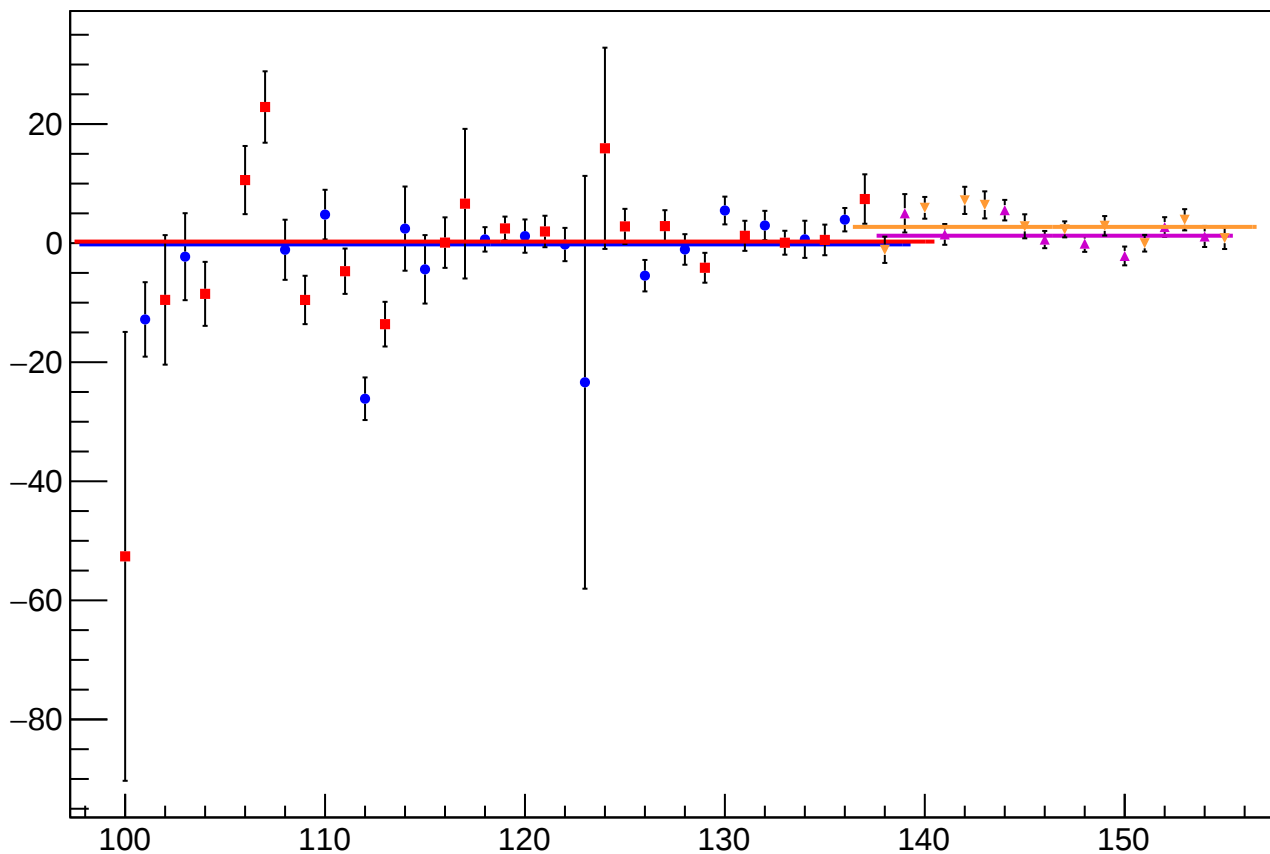
Right Out: 25.537 ± 1.239 $\chi^2/\text{NDF}: 1382.4/19$

Left In: 37.766 ± 0.695 $\chi^2/\text{NDF}: 21.6/7$

27.847 ± 0.590 $\chi^2/\text{NDF}: 2218.3/26$

34.842 ± 0.606 $\chi^2/\text{NDF}: 1478.1/27$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.211 ± 0.752 χ^2/NDF : 75.9/16

Left Out: 2.729 ± 0.560 χ^2/NDF : 18.1/9

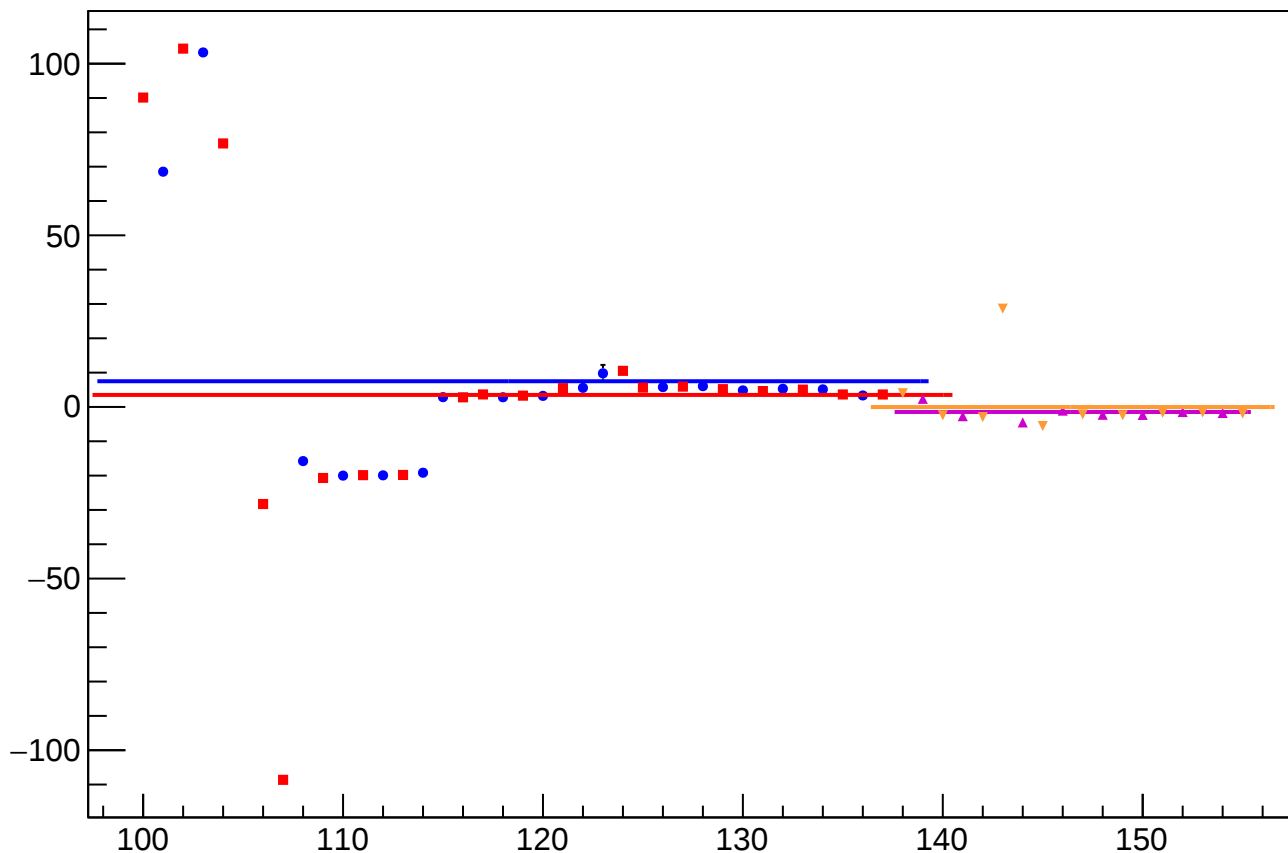
Right Out: 0.262 ± 0.747 χ^2/NDF : 54.8/19

Left In: 1.246 ± 0.592 χ^2/NDF : 14.1/7

1.680 ± 0.449 χ^2/NDF : 103.8/26

0.866 ± 0.464 χ^2/NDF : 70.0/27

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.492 $\pm$ 0.045 χ^2 /NDF: 355979.0/16

Left Out: -0.032 $\pm$ 0.027 χ^2 /NDF: 71078.2/9

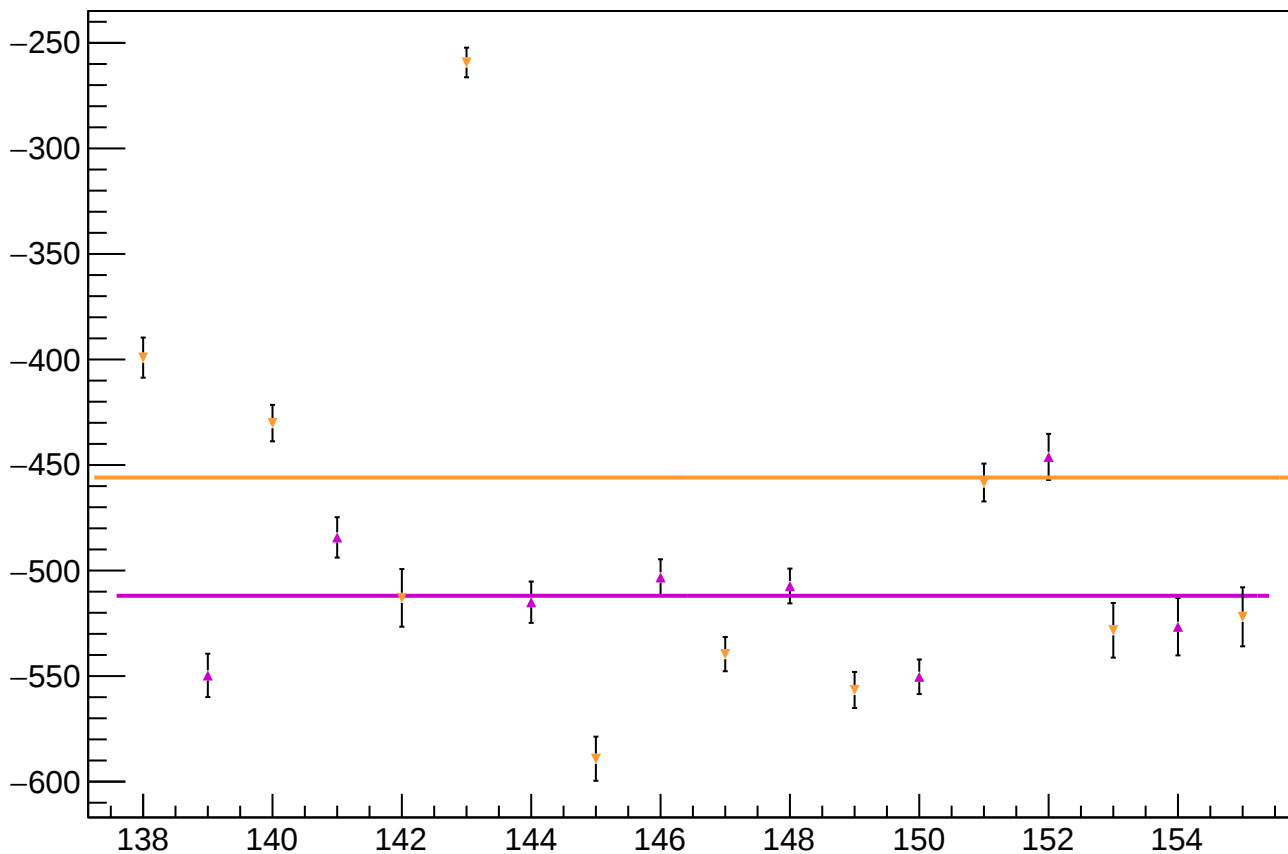
Right Out: 3.504 $\pm$ 0.046 χ^2 /NDF: 510579.5/19

Left In: -1.468 $\pm$ 0.028 χ^2 /NDF: 4368.2/7

1.985 $\pm$ 0.023 χ^2 /NDF: 447857.2/26

-0.100 $\pm$ 0.024 χ^2 /NDF: 523588.7/27

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -455.922+/-2.993 χ^2/NDF :1307.4/9

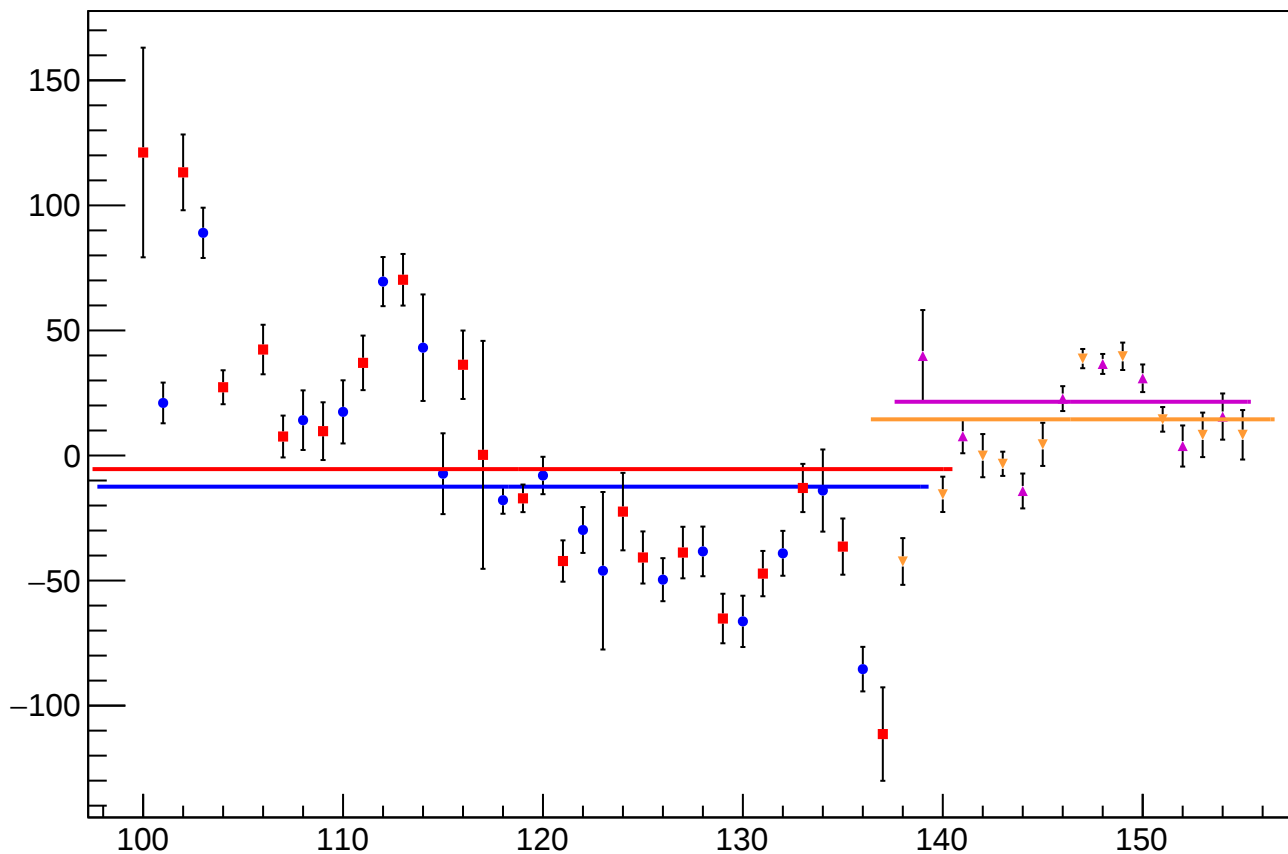
-455.922+/-2.993 χ^2/NDF : 1307.4/9

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

Left In: -511.947+/-3.372 χ^2/NDF :82.8/7

-511.947+/-3.372 χ^2/NDF : 82.8/7

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.458 ± 2.349 χ^2/NDF : 341.1/16

Left Out: 14.463 ± 1.939 χ^2/NDF : 134.6/9

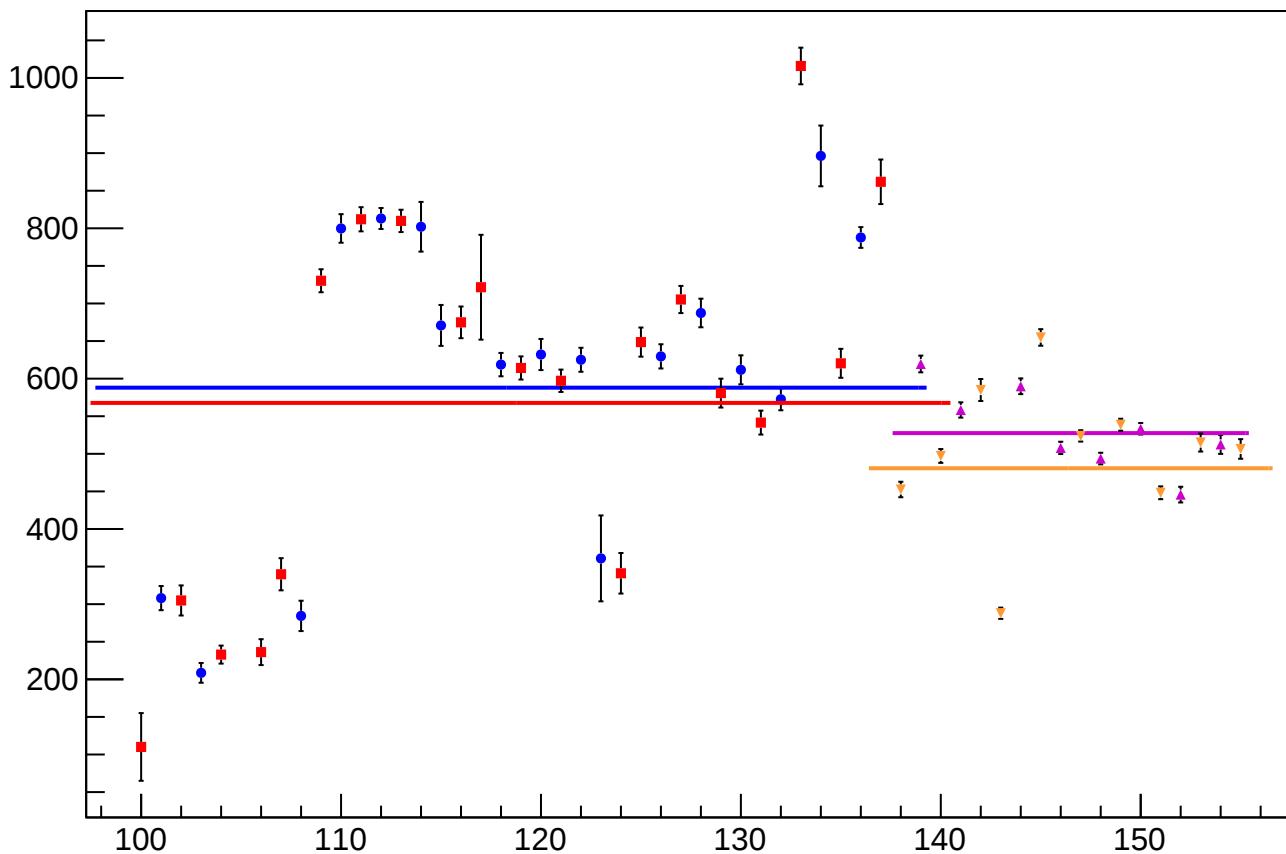
Right Out: -5.439 ± 2.256 χ^2/NDF : 345.0/19

Left In: 21.487 ± 2.195 χ^2/NDF : 53.6/7

3.552 ± 1.495 χ^2/NDF : 553.8/26

8.393 ± 1.573 χ^2/NDF : 471.8/27

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 587.994 ± 4.353 χ^2/NDF : 2129.6/16

Left Out: 480.793 ± 2.995 χ^2/NDF : 1084.9/9

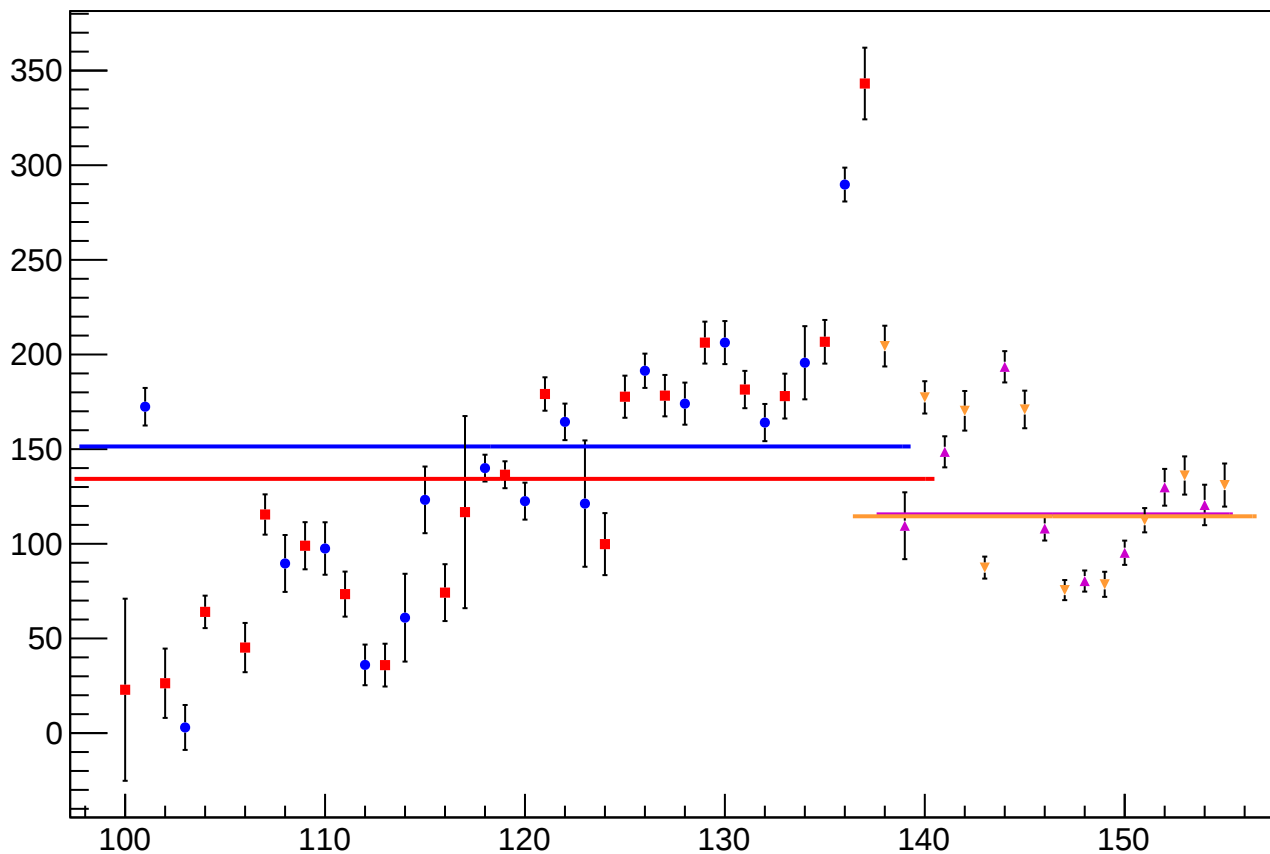
Right Out: 567.720 ± 4.129 χ^2/NDF : 2788.1/19

Left In: 527.562 ± 3.314 χ^2/NDF : 201.3/7

515.234 ± 2.467 χ^2/NDF : 3626.3/26

543.300 ± 2.585 χ^2/NDF : 3046.9/27

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 151.421+/-2.709 χ^2/NDF : 633.3/16

Left Out: 114.531+/-2.415 χ^2/NDF : 296.6/9

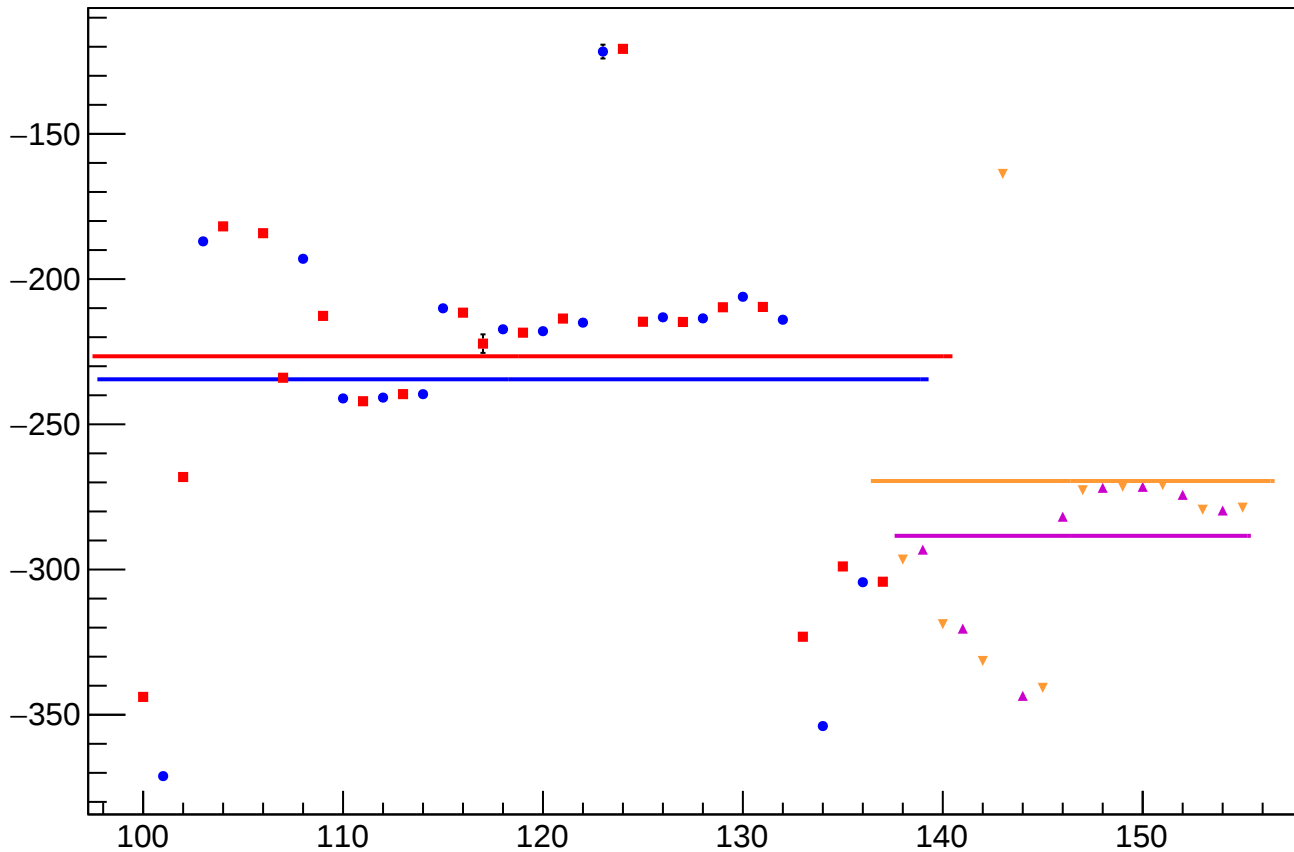
Right Out: 134.299+/-2.612 χ^2/NDF : 585.0/19

Left In: 115.546+/-2.741 χ^2/NDF : 158.8/7

130.867+/-1.803 χ^2/NDF : 1033.2/26

125.375+/-1.891 χ^2/NDF : 768.3/27

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.501+/-0.149 χ^2/NDF : 145046.5/16

Left Out: -269.508+/-0.124 χ^2/NDF : 182044.8/9

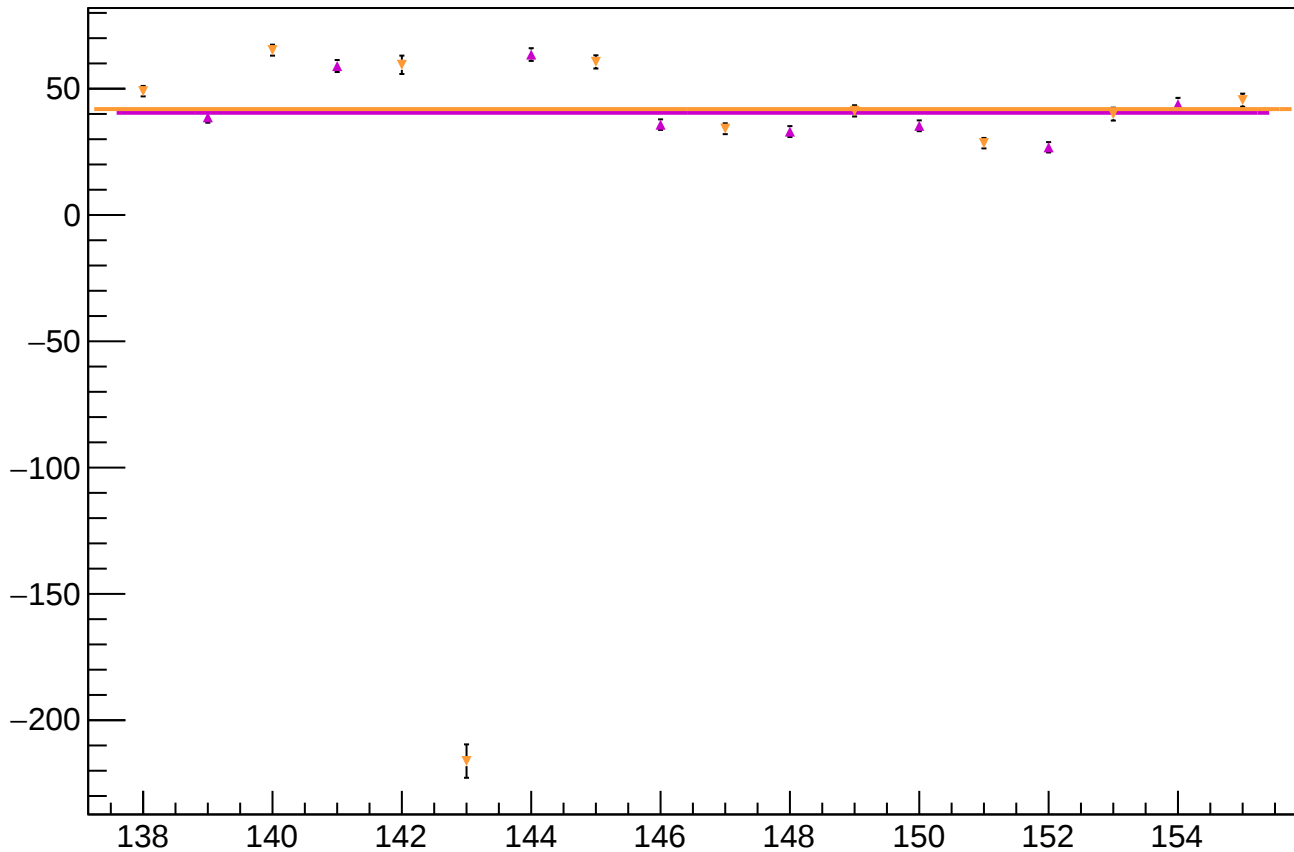
Right Out: -226.572+/-0.141 χ^2/NDF : 98970.7/19

Left In: -288.389+/-0.137 χ^2/NDF : 27663.7/7

-255.187+/-0.095 χ^2/NDF : 359697.7/26

-258.515+/-0.098 χ^2/NDF : 225576.7/27

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 41.923+/-0.780 χ^2/NDF :1783.4/9

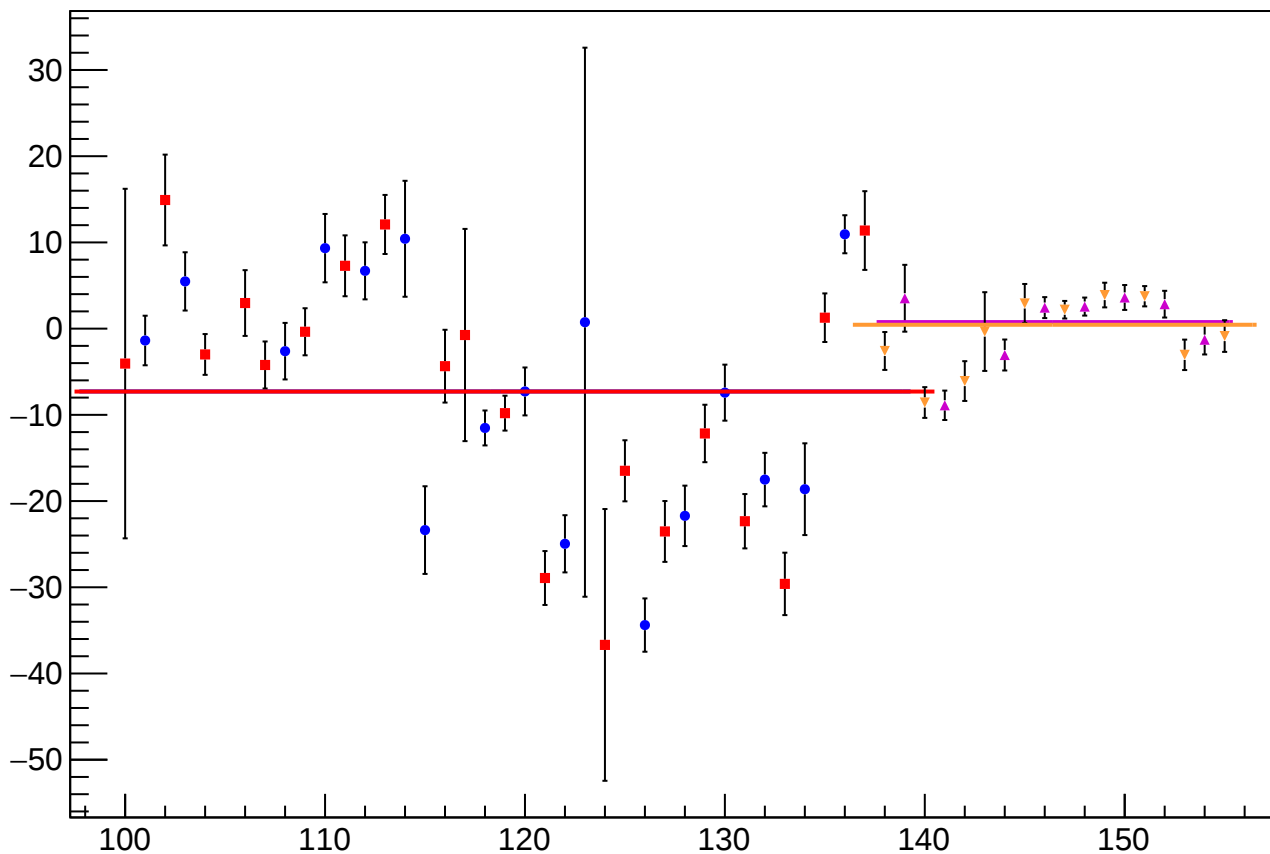
41.923+/-0.780 χ^2/NDF : 1783.4/9

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

Left In: 40.468+/-0.788 χ^2/NDF :214.5/7

40.468+/-0.788 χ^2/NDF : 214.5/7

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.284 ± 0.789 χ^2/NDF : 283.2/16

Left Out: 0.449 ± 0.517 χ^2/NDF : 57.8/9

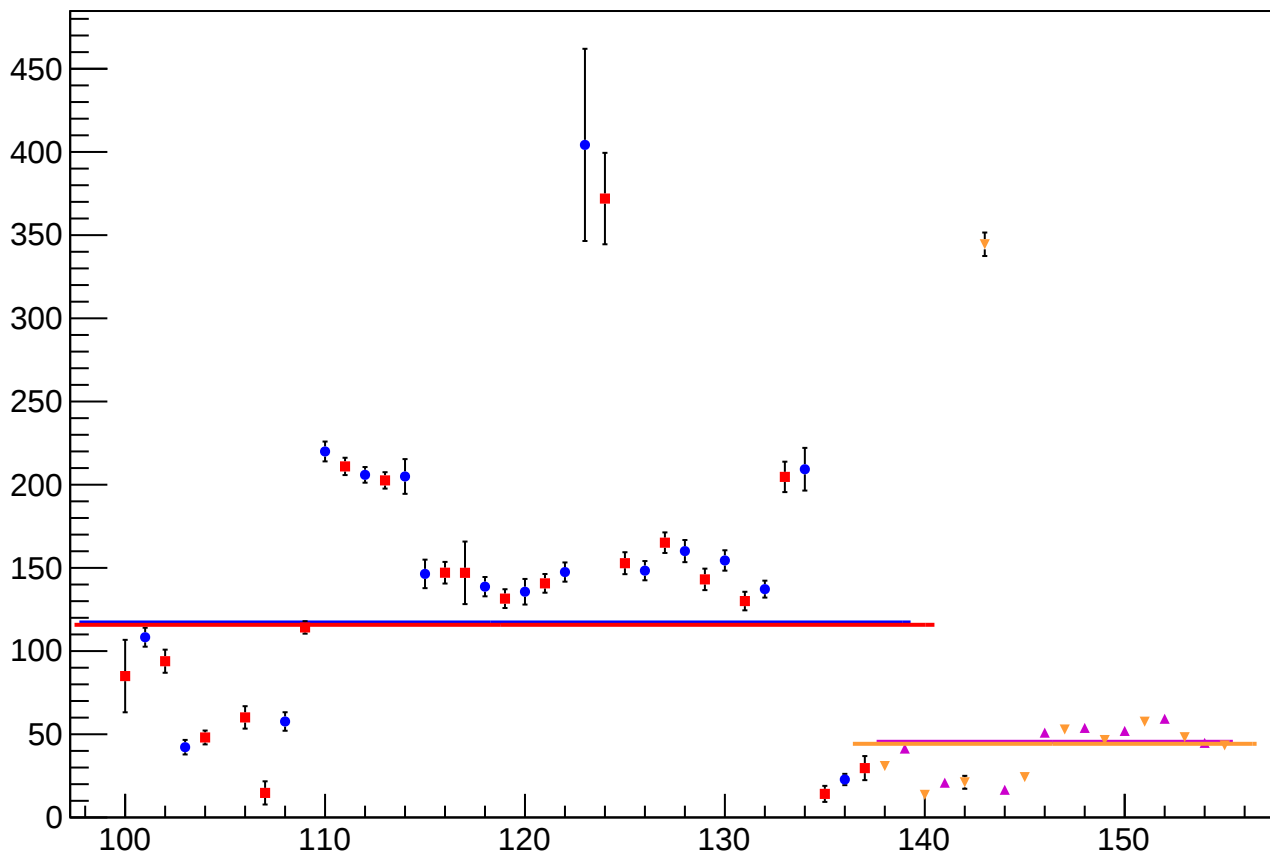
Right Out: -7.298 ± 0.759 χ^2/NDF : 255.6/19

Left In: 0.759 ± 0.531 χ^2/NDF : 49.1/7

-1.875 ± 0.432 χ^2/NDF : 408.3/26

-1.886 ± 0.435 χ^2/NDF : 380.3/27

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.187 ± 1.416 χ^2/NDF : 2161.0/16

Left Out: 44.265 ± 0.769 χ^2/NDF : 2178.7/9

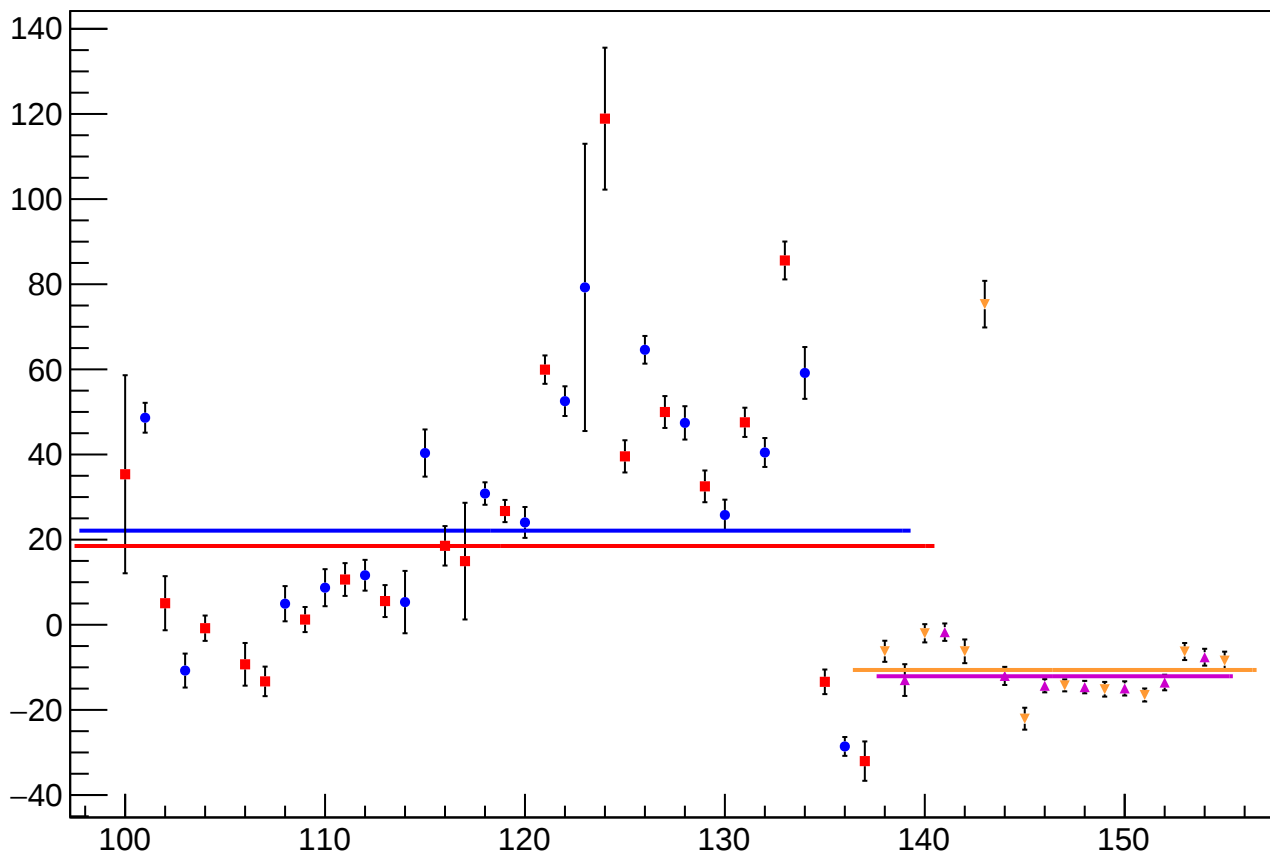
Right Out: 115.795 ± 1.357 χ^2/NDF : 2140.4/19

Left In: 45.477 ± 0.774 χ^2/NDF : 297.8/7

60.874 ± 0.676 χ^2/NDF : 6386.7/26

62.732 ± 0.672 χ^2/NDF : 4463.1/27

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.110 ± 0.898 χ^2/NDF : 1070.3/16

Left Out: -10.619 ± 0.641 χ^2/NDF : 321.9/9

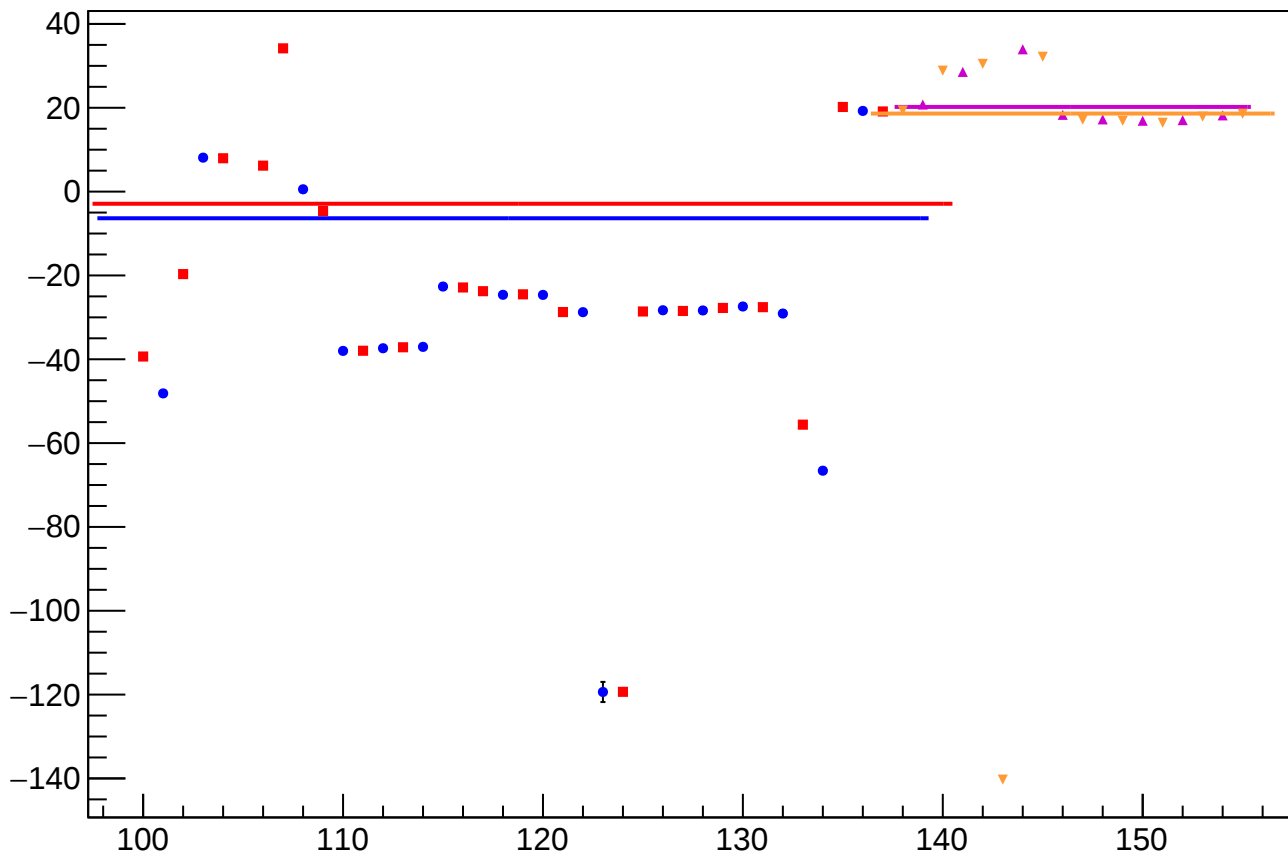
Right Out: 18.506 ± 0.869 χ^2/NDF : 1068.6/19

Left In: -12.095 ± 0.656 χ^2/NDF : 39.4/7

0.420 ± 0.522 χ^2/NDF : 2272.2/26

-0.988 ± 0.524 χ^2/NDF : 1897.3/27

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.360+/-0.046 χ^2/NDF : 264750.9/16

Left Out: 18.623+/-0.031 χ^2/NDF :348553.9/9

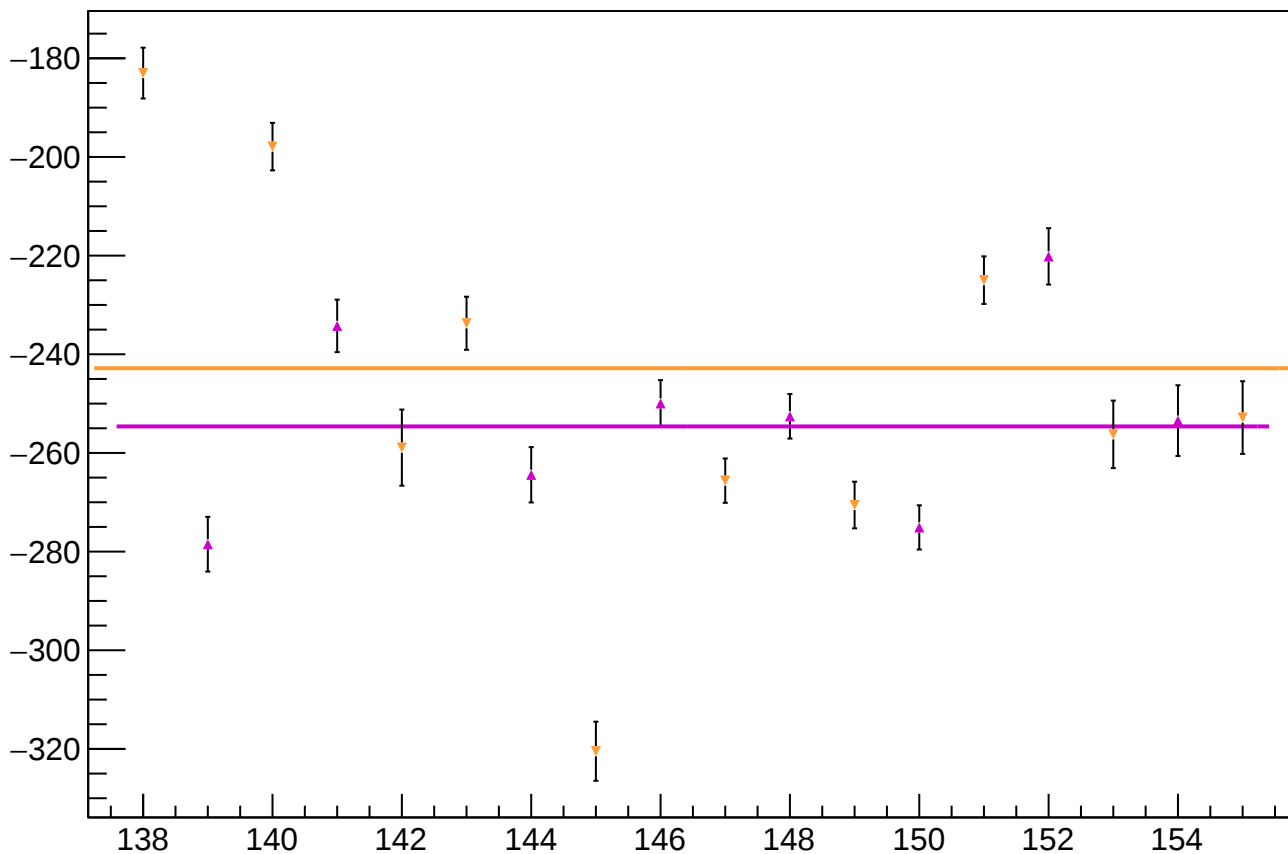
Right Out: -2.896+/-0.046 χ^2/NDF : 266162.6/19

Left In: 20.204+/-0.031 χ^2/NDF :25748.6/7

10.814+/-0.026 χ^2/NDF : 813339.8/26

12.807+/-0.026 χ^2/NDF : 465737.5/27

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -242.829+/-1.723 χ^2/NDF : 476.6/9

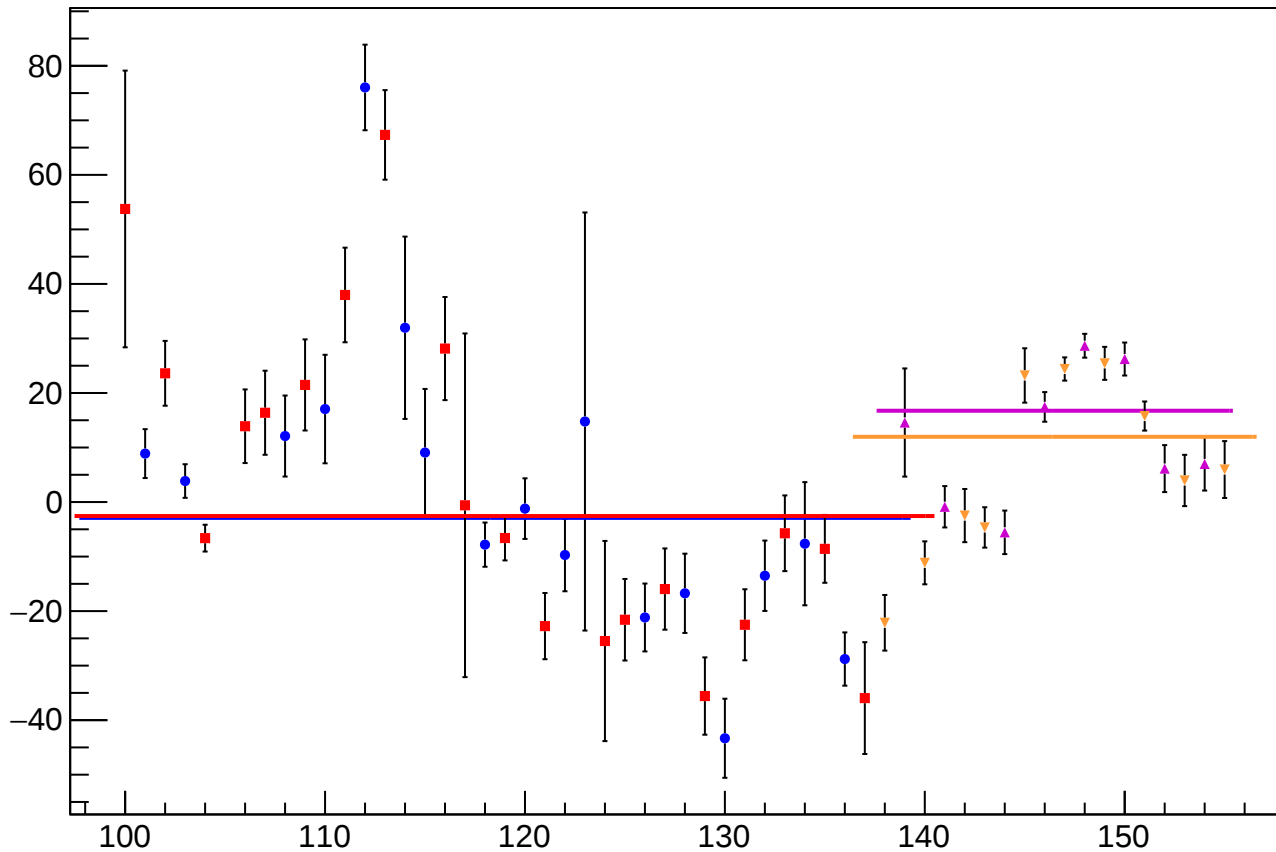
-242.829+/-1.723 χ^2/NDF : 476.6/9

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

-254.624+/-1.846 χ^2/NDF : 94.8/7

Left In: -254.624+/-1.846 χ^2/NDF : 94.8/7

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.901 ± 1.467 χ^2/NDF : 203.6/16

Left Out: 11.966 ± 1.111 χ^2/NDF : 173.3/9

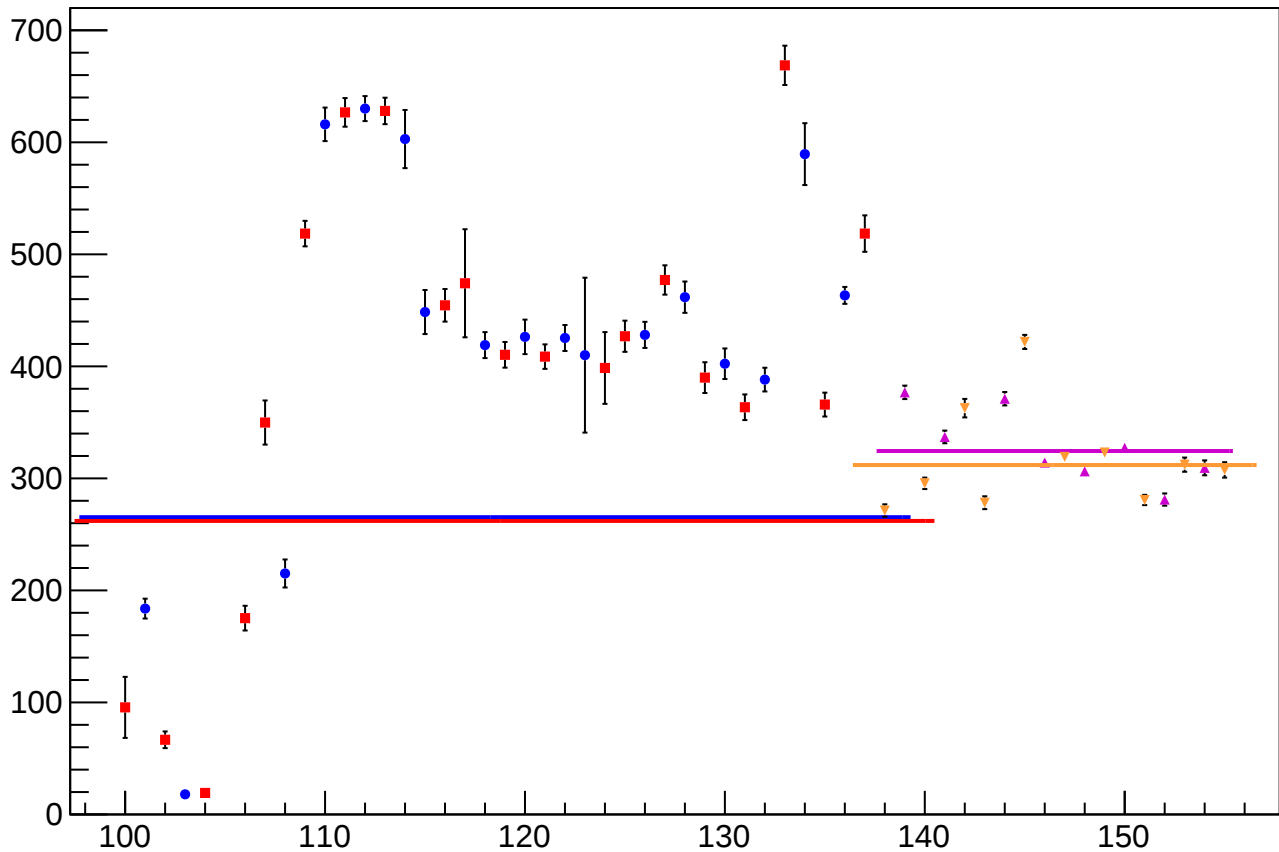
Right Out: -2.566 ± 1.395 χ^2/NDF : 218.2/19

Left In: 16.744 ± 1.202 χ^2/NDF : 102.5/7

6.547 ± 0.886 χ^2/NDF : 442.1/26

8.517 ± 0.911 χ^2/NDF : 430.7/27

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 265.369 ± 2.488 $\chi^2/\text{NDF}: 7633.8/16$

Left Out: 311.921 ± 1.711 $\chi^2/\text{NDF}: 495.9/9$

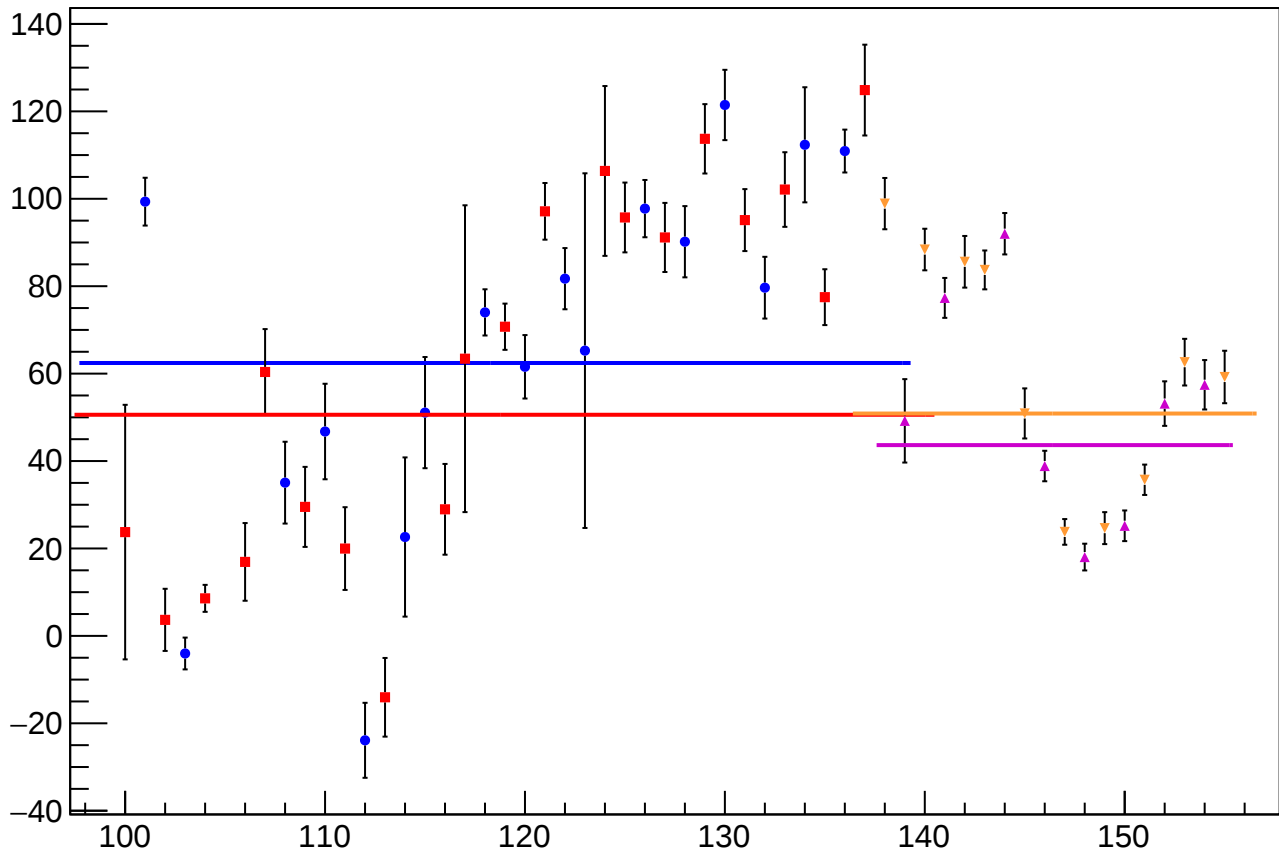
Right Out: 262.016 ± 2.455 $\chi^2/\text{NDF}: 8223.7/19$

Left In: 324.428 ± 1.811 $\chi^2/\text{NDF}: 233.4/7$

296.975 ± 1.410 $\chi^2/\text{NDF}: 8367.4/26$

302.423 ± 1.458 $\chi^2/\text{NDF}: 8875.6/27$

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.434 $\pm$ 1.694 χ^2/NDF : 721.8/16

Left Out: 50.868 $\pm$ 1.388 χ^2/NDF : 380.5/9

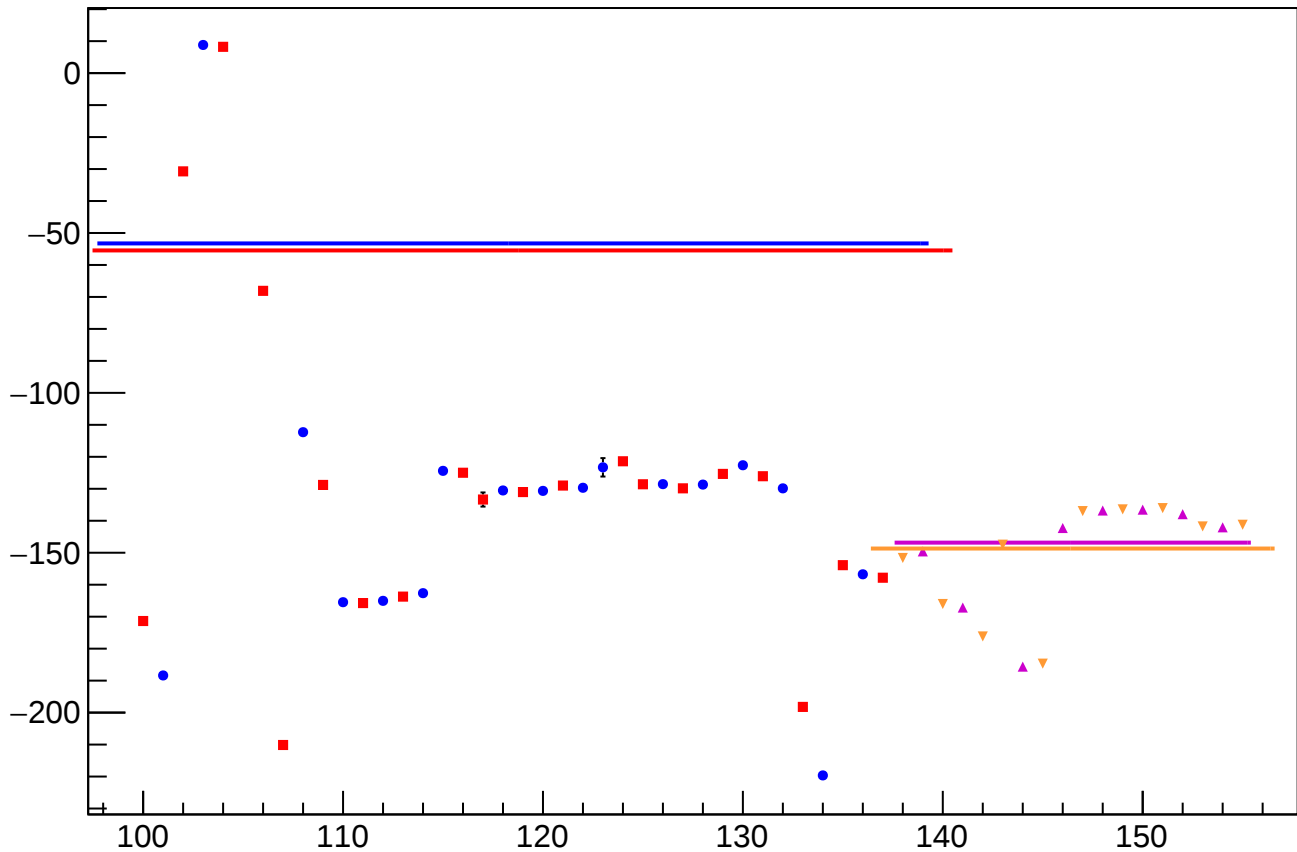
Right Out: 50.588 $\pm$ 1.640 χ^2/NDF : 657.5/19

Left In: 43.645 $\pm$ 1.501 χ^2/NDF : 268.1/7

55.513 $\pm$ 1.073 χ^2/NDF : 1130.2/26

46.811 $\pm$ 1.107 χ^2/NDF : 935.4/27

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.264+/-0.070 χ^2/NDF : 1225492.9/16

Left Out: -148.688+/-0.071 χ^2/NDF : 47538.1/9

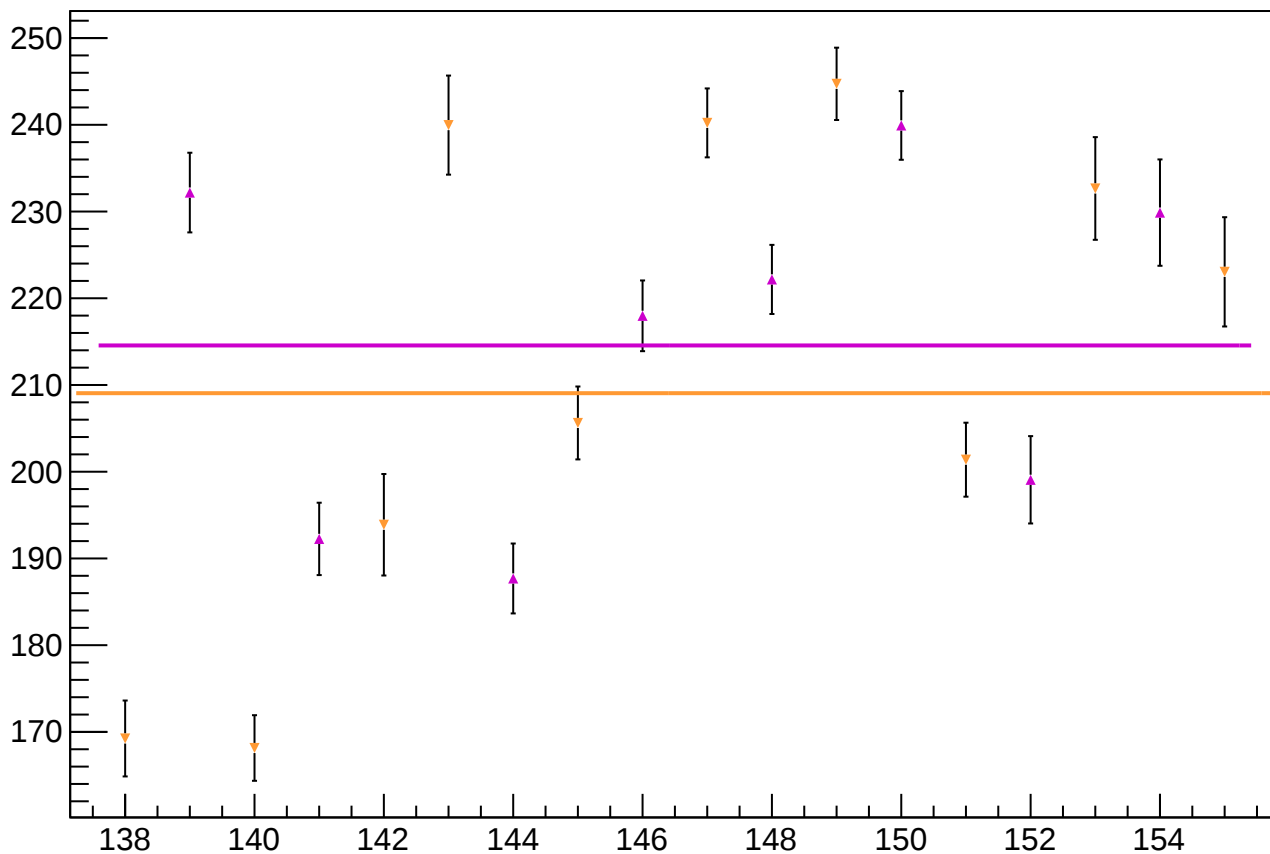
Right Out: -55.455+/-0.072 χ^2/NDF : 968274.5/19

Left In: -146.842+/-0.074 χ^2/NDF : 38827.2/7

-100.667+/-0.050 χ^2/NDF : 2185411.8/26

-99.535+/-0.052 χ^2/NDF : 1786060.4/27

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 209.056+/-1.462 χ^2/NDF :395.2/9

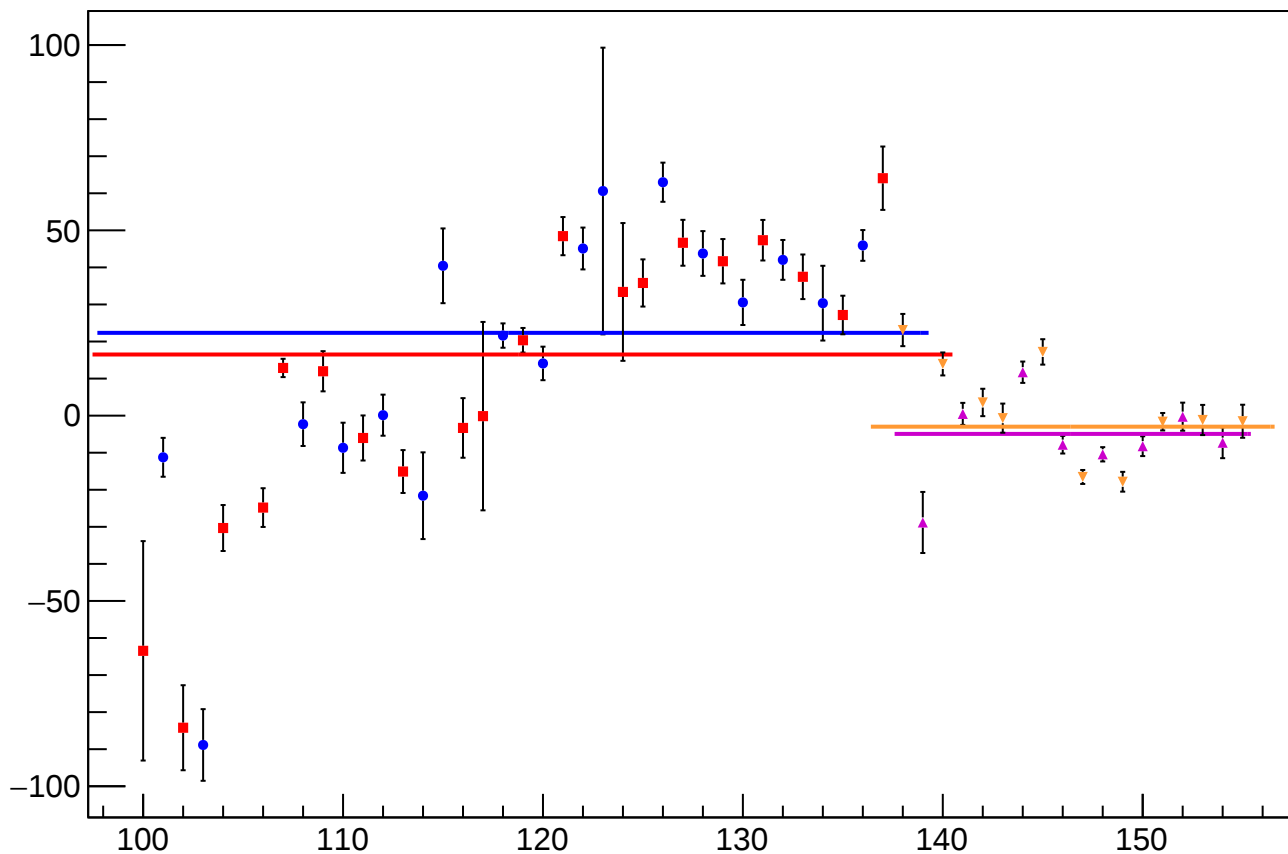
209.056+/-1.462 χ^2/NDF : 395.2/9

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

Left In: 214.559+/-1.544 χ^2/NDF :148.9/7

214.559+/-1.544 χ^2/NDF : 148.9/7

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.342 ± 1.395 χ^2/NDF : 385.8/16

Left Out: -2.975 ± 0.957 χ^2/NDF : 187.3/9

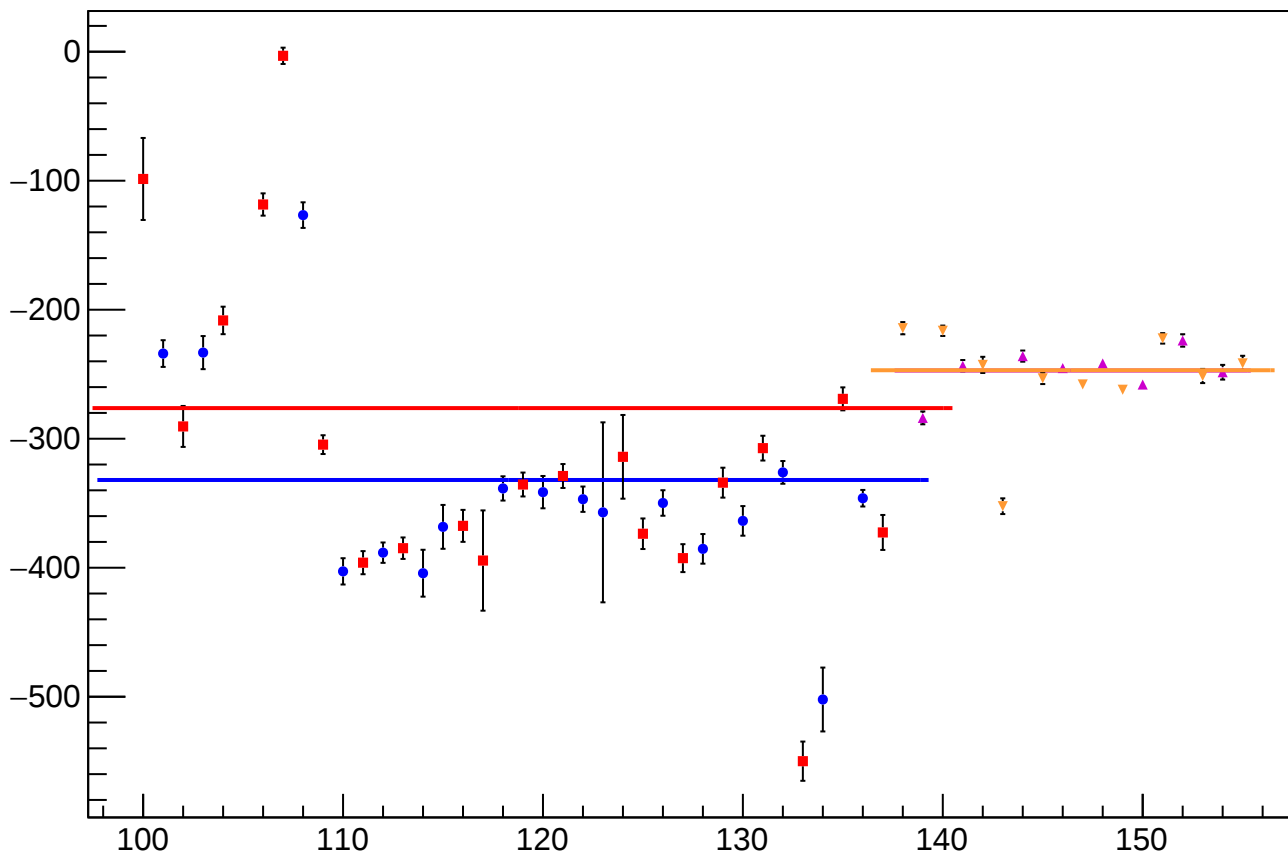
Right Out: 16.498 ± 1.226 χ^2/NDF : 427.0/19

Left In: -4.928 ± 1.020 χ^2/NDF : 58.1/7

5.121 ± 0.789 χ^2/NDF : 797.1/26

3.841 ± 0.784 χ^2/NDF : 665.6/27

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.989+/-2.580 χ^2/NDF : 785.0/16

Left Out: -246.919+/-1.459 χ^2/NDF : 468.5/9

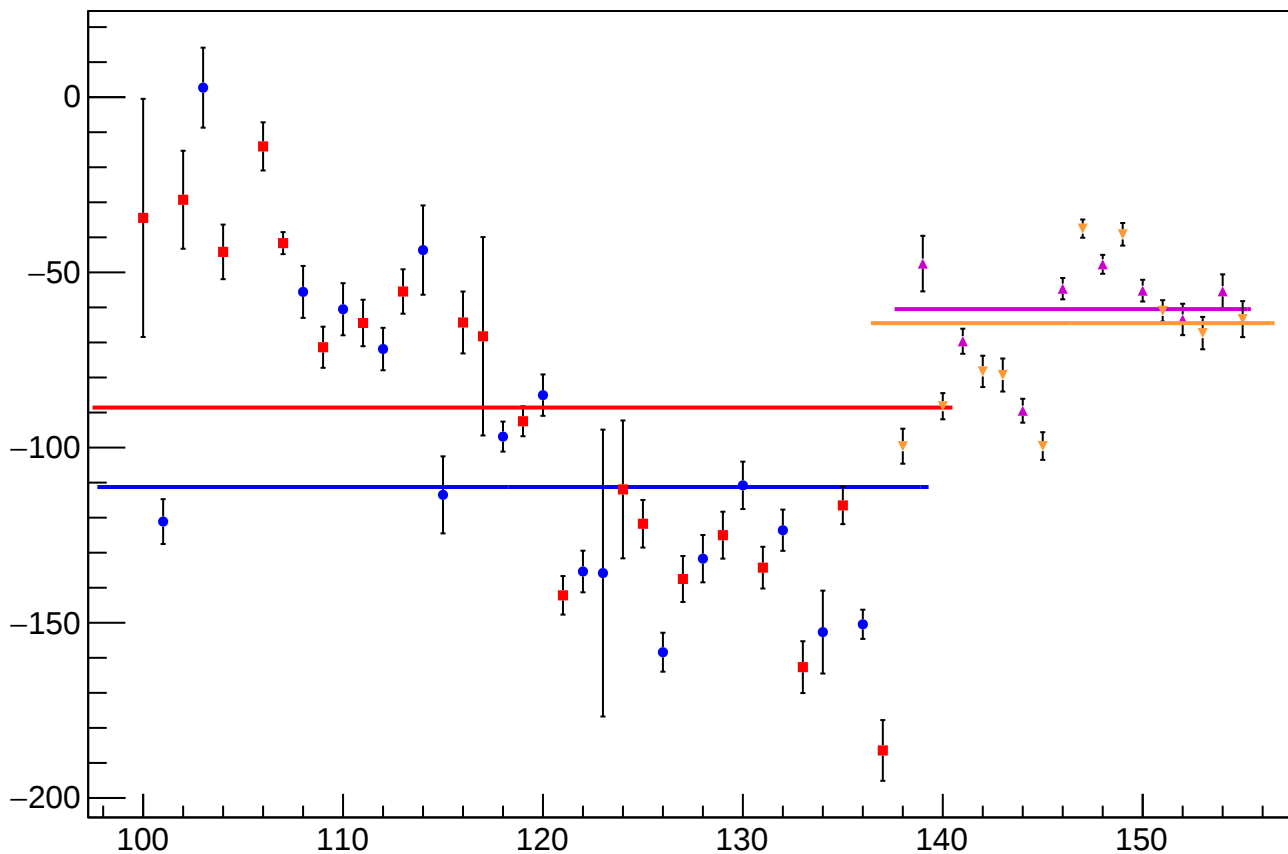
Right Out: -276.265+/-2.320 χ^2/NDF : 3371.5/19

Left In: -247.156+/-1.526 χ^2/NDF : 96.3/7

-267.524+/-1.270 χ^2/NDF : 2077.2/26

-255.946+/-1.275 χ^2/NDF : 3577.7/27

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.257 ± 1.597 $\chi^2/\text{NDF}: 509.6/16$

Left Out: -64.483 ± 1.190 $\chi^2/\text{NDF}: 359.2/9$

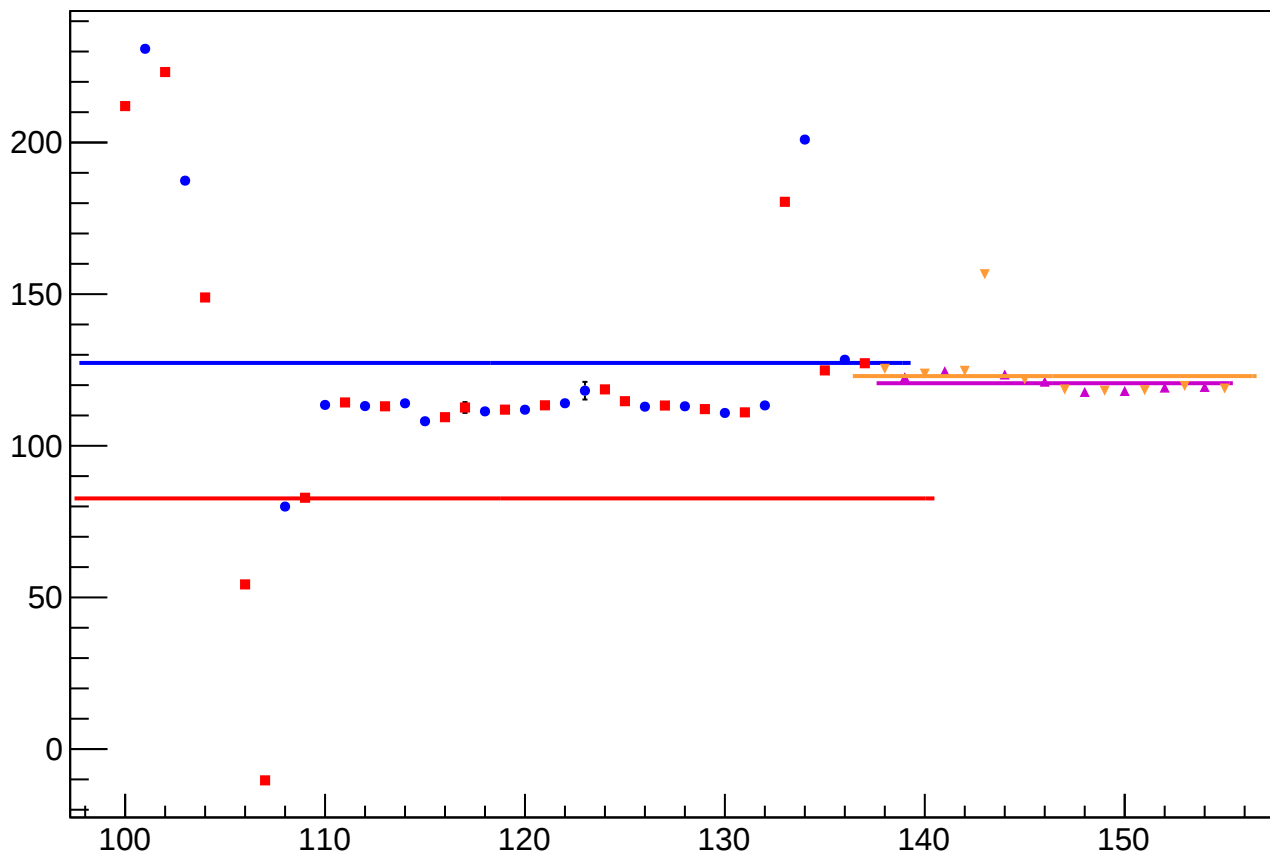
Right Out: -88.581 ± 1.431 $\chi^2/\text{NDF}: 971.5/19$

Left In: -60.485 ± 1.268 $\chi^2/\text{NDF}: 112.1/7$

-81.183 ± 0.954 $\chi^2/\text{NDF}: 1420.2/26$

-72.843 ± 0.949 $\chi^2/\text{NDF}: 1299.4/27$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.323+/-0.089 χ^2/NDF : 187776.4/16

Left Out: 122.983+/-0.060 χ^2/NDF : 21903.3/9

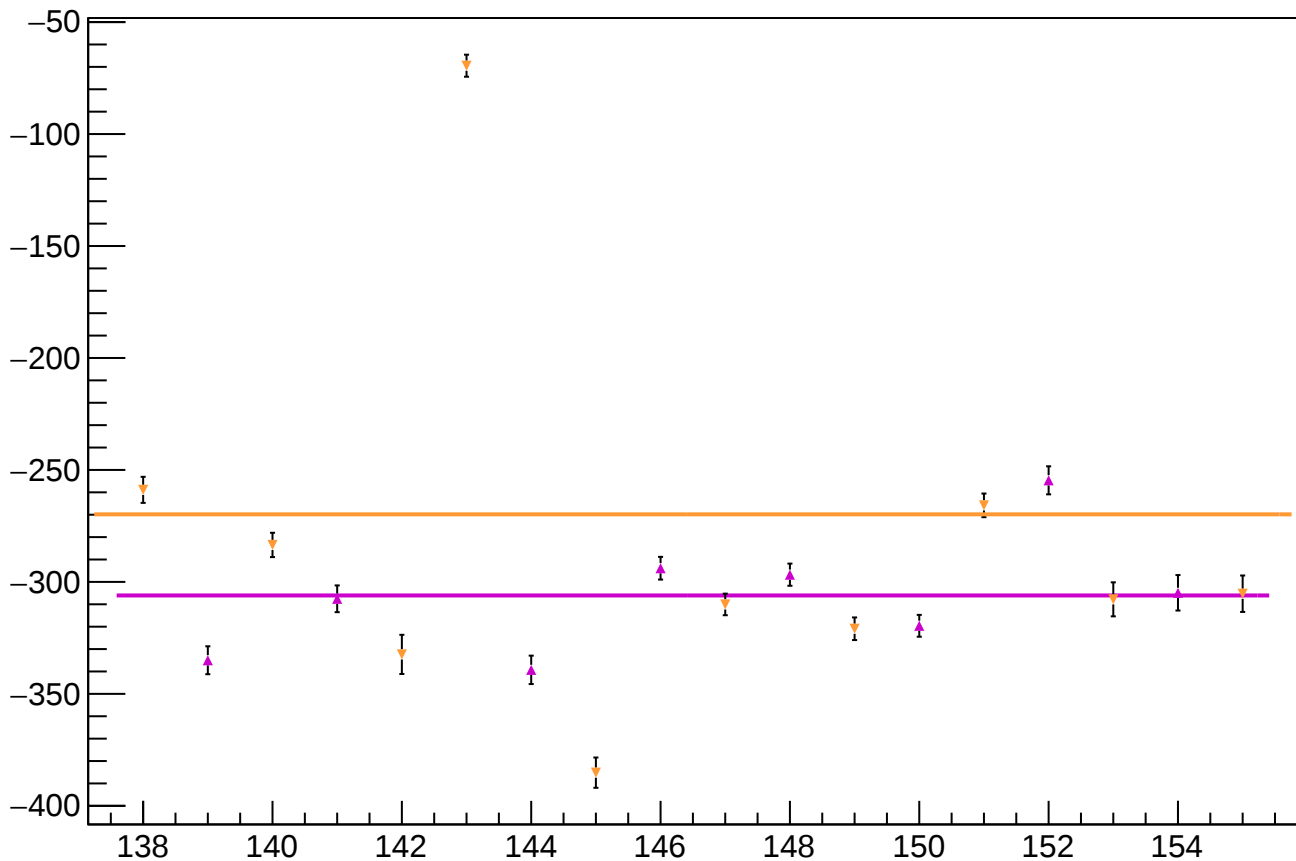
Right Out: 82.649+/-0.075 χ^2/NDF : 765307.1/19

Left In: 120.633+/-0.063 χ^2/NDF : 1540.0/7

124.338+/-0.050 χ^2/NDF : 211299.0/26

105.068+/-0.048 χ^2/NDF : 917009.0/27

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -269.829+/-1.856 χ^2/NDF : 2224.4/9

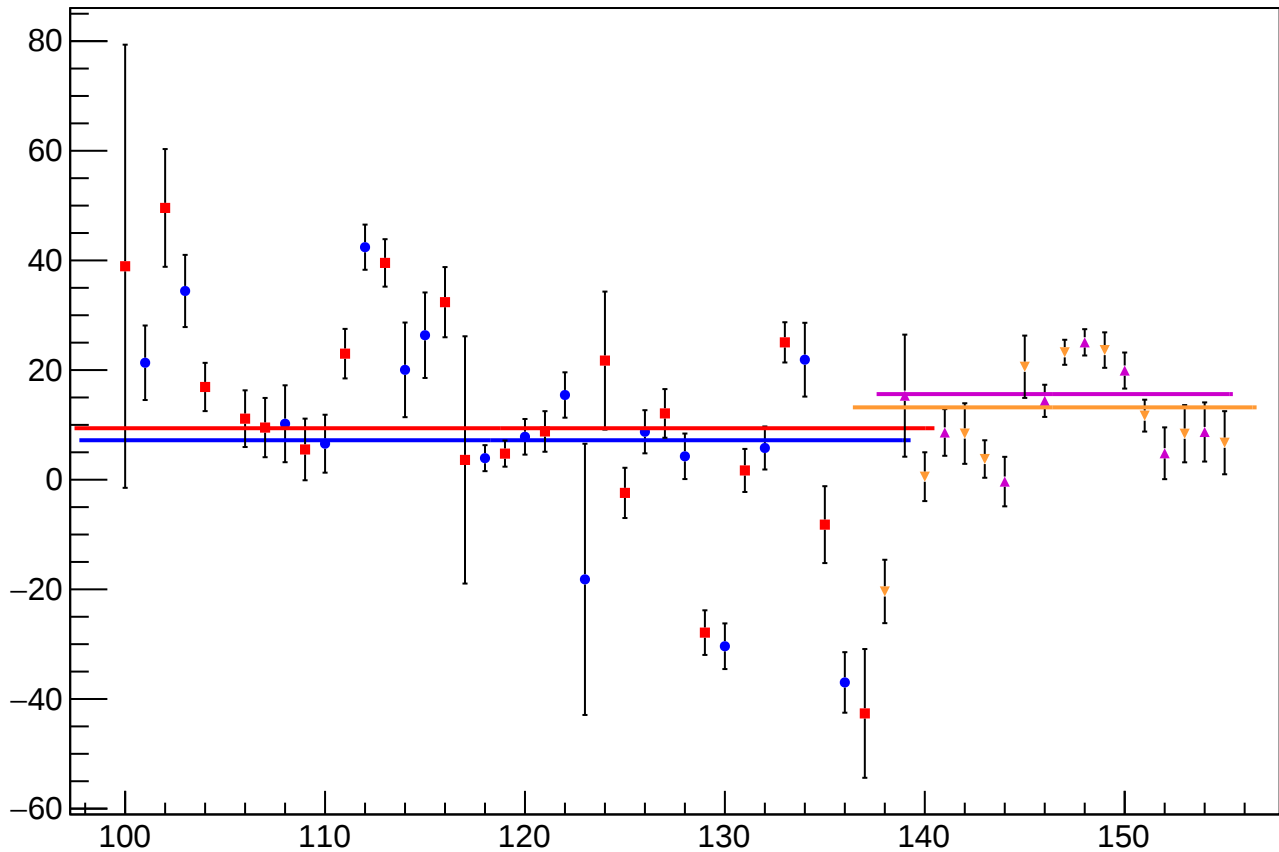
-269.829+/-1.856 χ^2/NDF : 2224.4/9

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

-306.053+/-2.034 χ^2/NDF : 133.5/7

Left In: -306.053+/-2.034 χ^2/NDF : 133.5/7

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.199 $\pm$ 1.103 χ^2 /NDF: 260.9/16

Left Out: 13.197 $\pm$ 1.194 χ^2 /NDF: 84.0/9

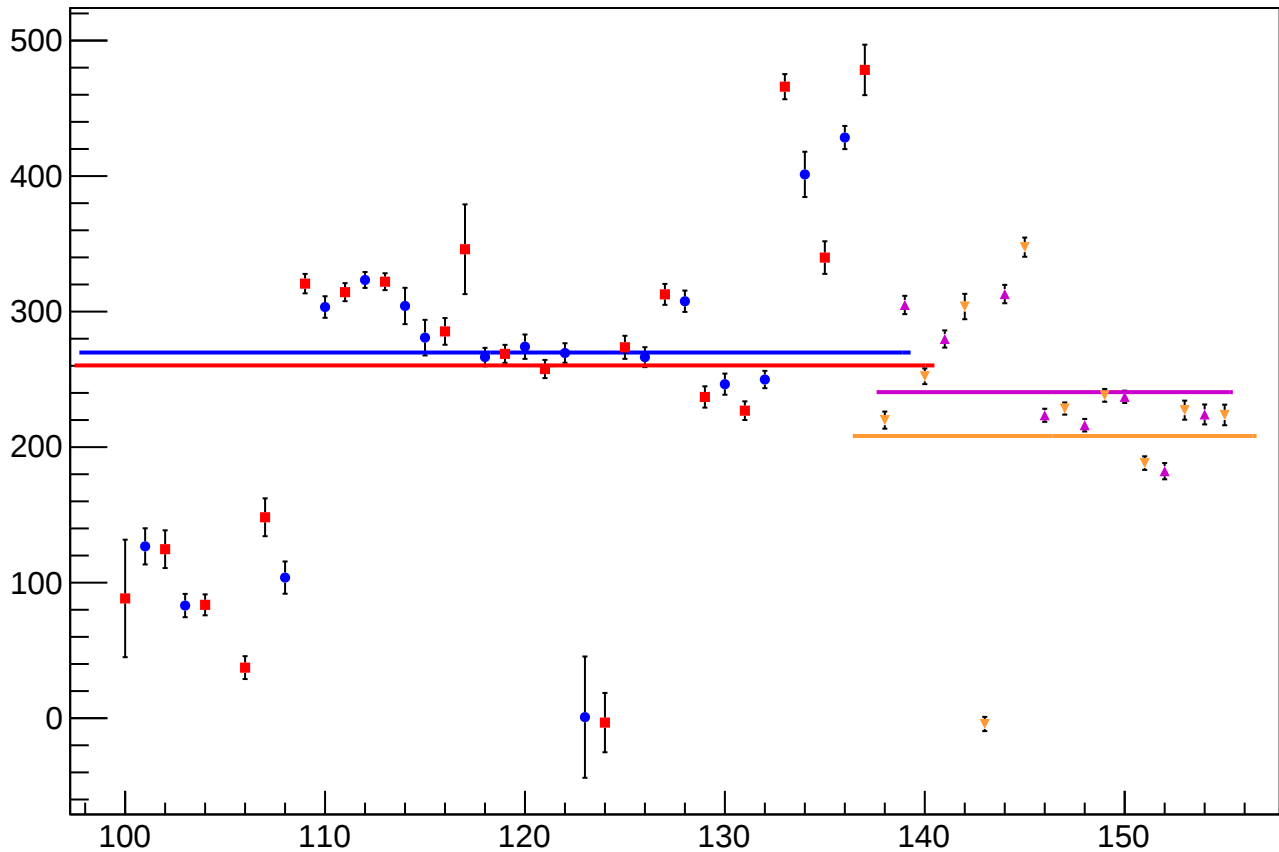
Right Out: 9.390 $\pm$ 1.070 χ^2 /NDF: 232.2/19

Left In: 15.617 $\pm$ 1.321 χ^2 /NDF: 39.4/7

9.962 $\pm$ 0.810 χ^2 /NDF: 358.5/26

11.857 $\pm$ 0.831 χ^2 /NDF: 285.0/27

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.806 ± 2.089 χ^2/NDF : 1374.1/16

Left Out: 208.196 ± 1.845 χ^2/NDF : 2275.2/9

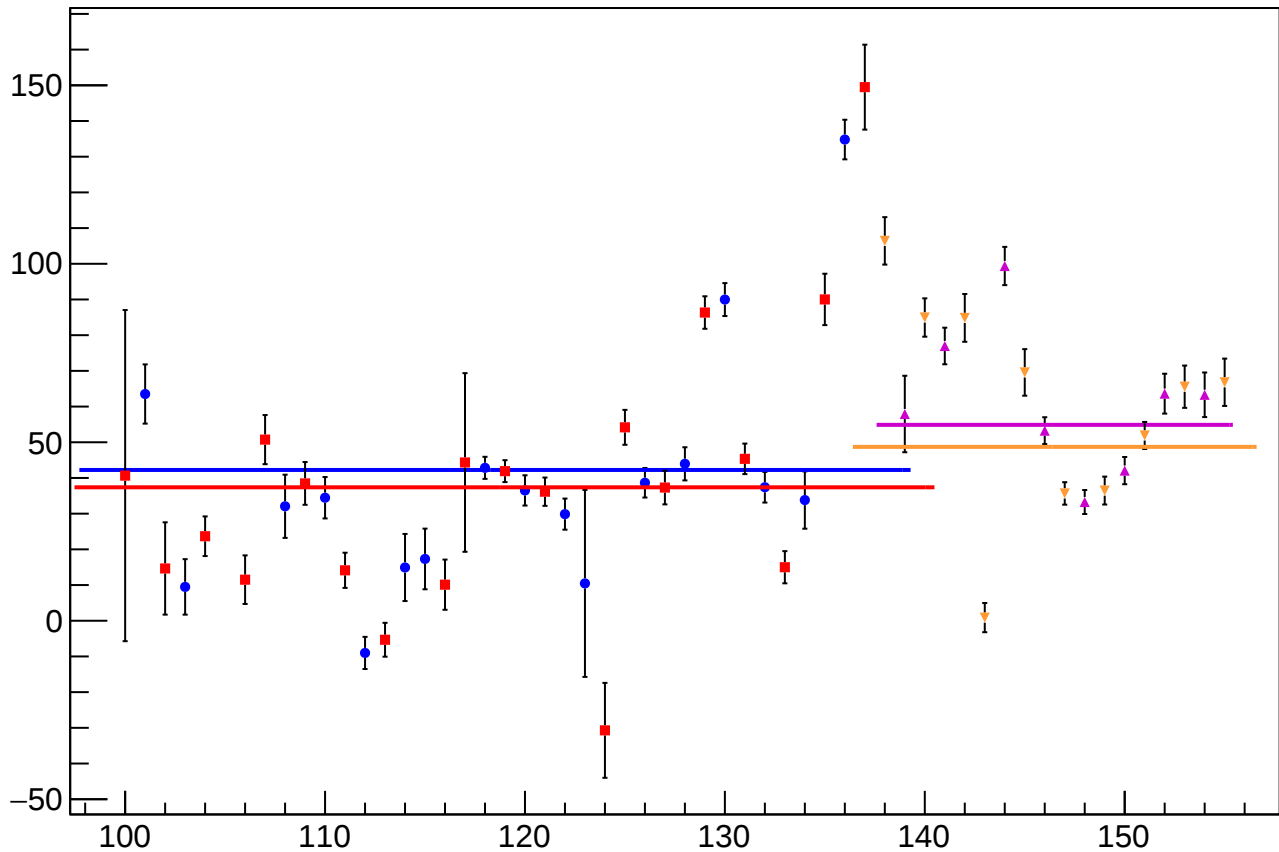
Right Out: 260.286 ± 1.973 χ^2/NDF : 2545.4/19

Left In: 240.573 ± 1.993 χ^2/NDF : 382.7/7

235.191 ± 1.383 χ^2/NDF : 4138.0/26

250.526 ± 1.402 χ^2/NDF : 2977.4/27

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.242 $\pm$ 1.274 χ^2 /NDF: 574.4/16

Left Out: 48.707 $\pm$ 1.491 χ^2 /NDF:340.2/9

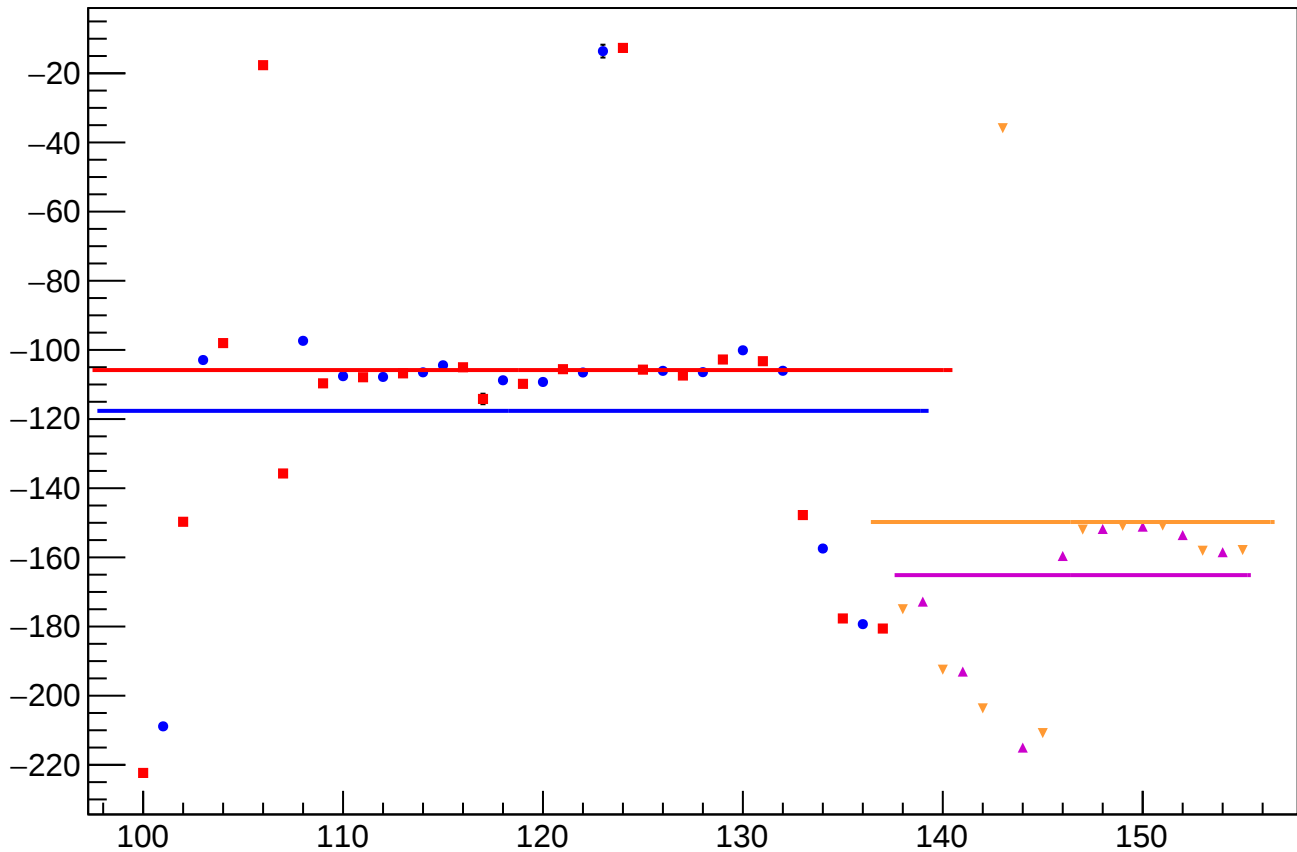
Right Out: 37.384 $\pm$ 1.233 χ^2 /NDF: 472.4/19

Left In: 54.880 $\pm$ 1.650 χ^2 /NDF:144.8/7

44.970 $\pm$ 0.968 χ^2 /NDF: 925.5/26

43.653 $\pm$ 0.988 χ^2 /NDF: 689.4/27

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.625+/-0.079 χ^2/NDF : 141872.3/16

Left Out: -149.770+/-0.076 χ^2/NDF : 401951.0/9

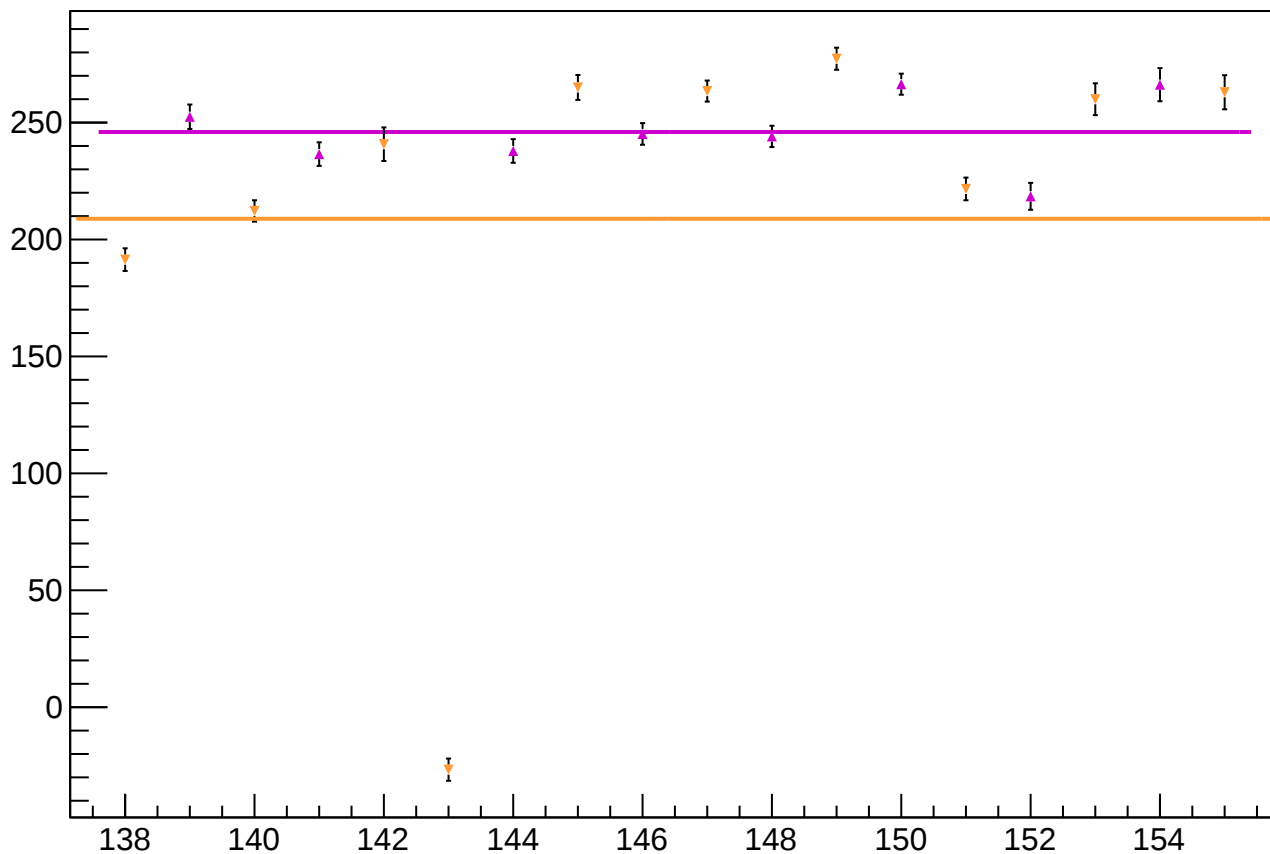
Right Out: -105.826+/-0.073 χ^2/NDF : 323138.4/19

Left In: -165.132+/-0.082 χ^2/NDF : 54334.0/7

-134.133+/-0.055 χ^2/NDF : 629877.3/26

-131.909+/-0.054 χ^2/NDF : 669903.7/27

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 208.873+/-1.653 χ^2/NDF : 3073.9/9

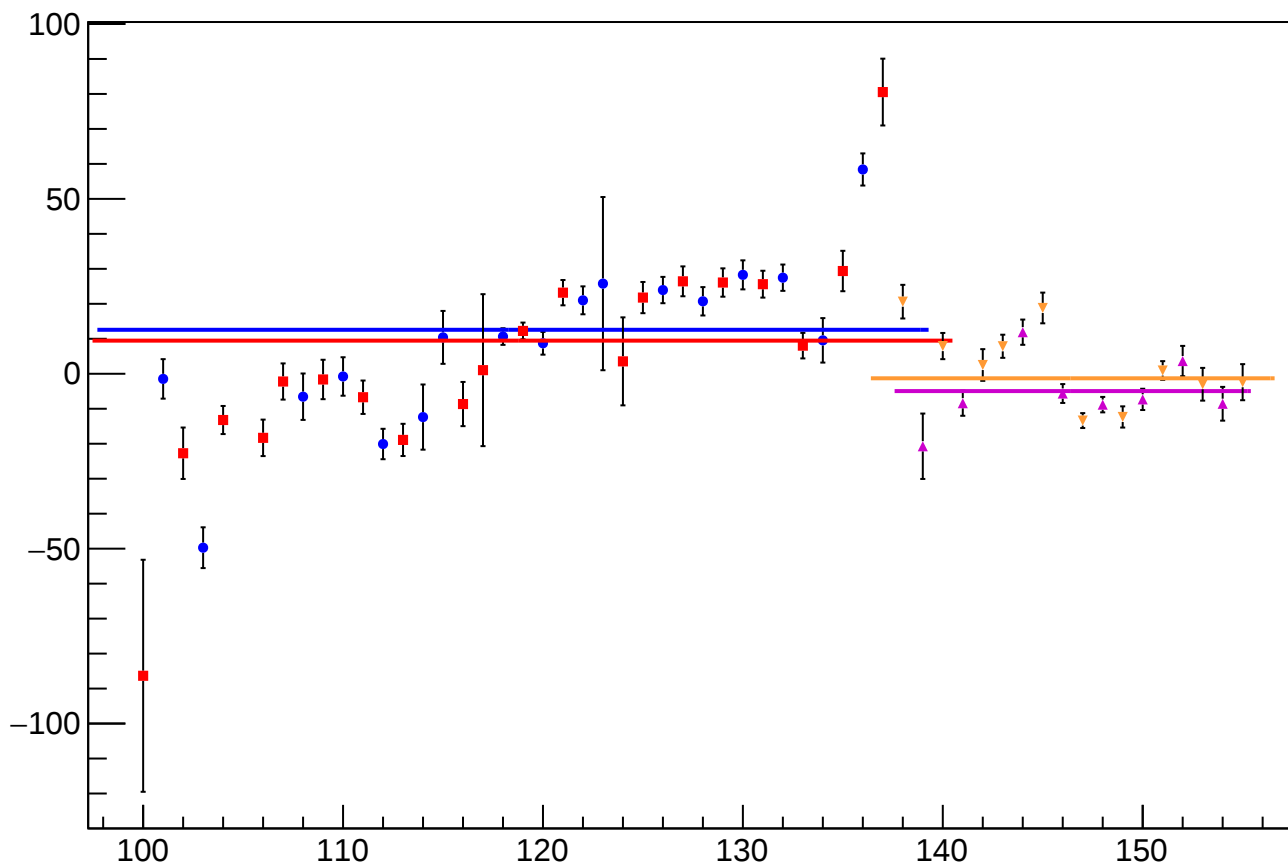
208.873+/-1.653 χ^2/NDF : 3073.9/9

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

245.967+/-1.798 χ^2/NDF : 59.4/7

Left In: 245.967+/-1.798 χ^2/NDF : 59.4/7

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.574+/-1.074 χ^2/NDF : 348.0/16

Left Out: -1.295+/-1.079 χ^2/NDF : 102.5/9

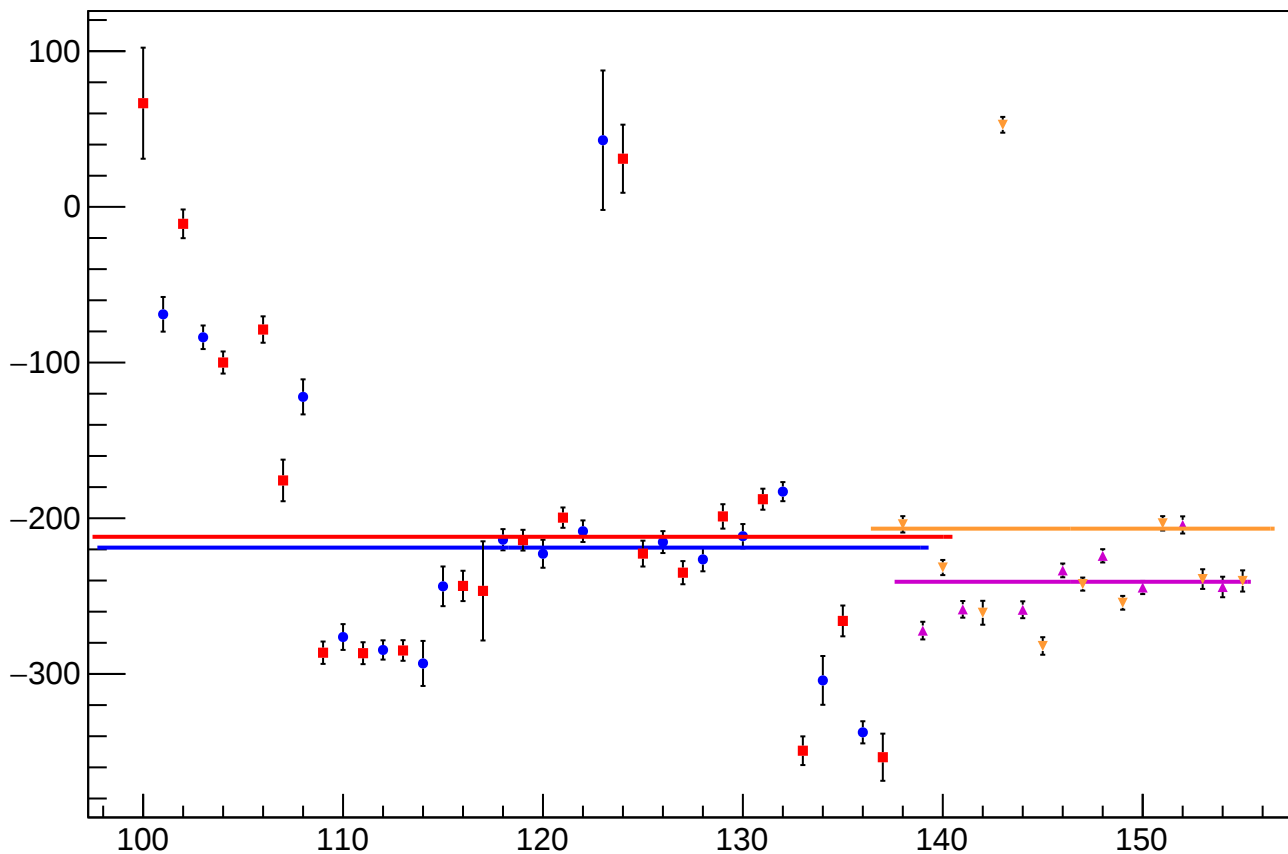
Right Out: 9.474+/-1.046 χ^2/NDF : 296.0/19

Left In: -4.950+/-1.185 χ^2/NDF : 33.8/7

5.675+/-0.761 χ^2/NDF : 533.4/26

3.155+/-0.784 χ^2/NDF : 413.0/27

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.855 ± 2.023 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -206.678 ± 1.651 $\chi^2/\text{NDF}: 3105.6/9$

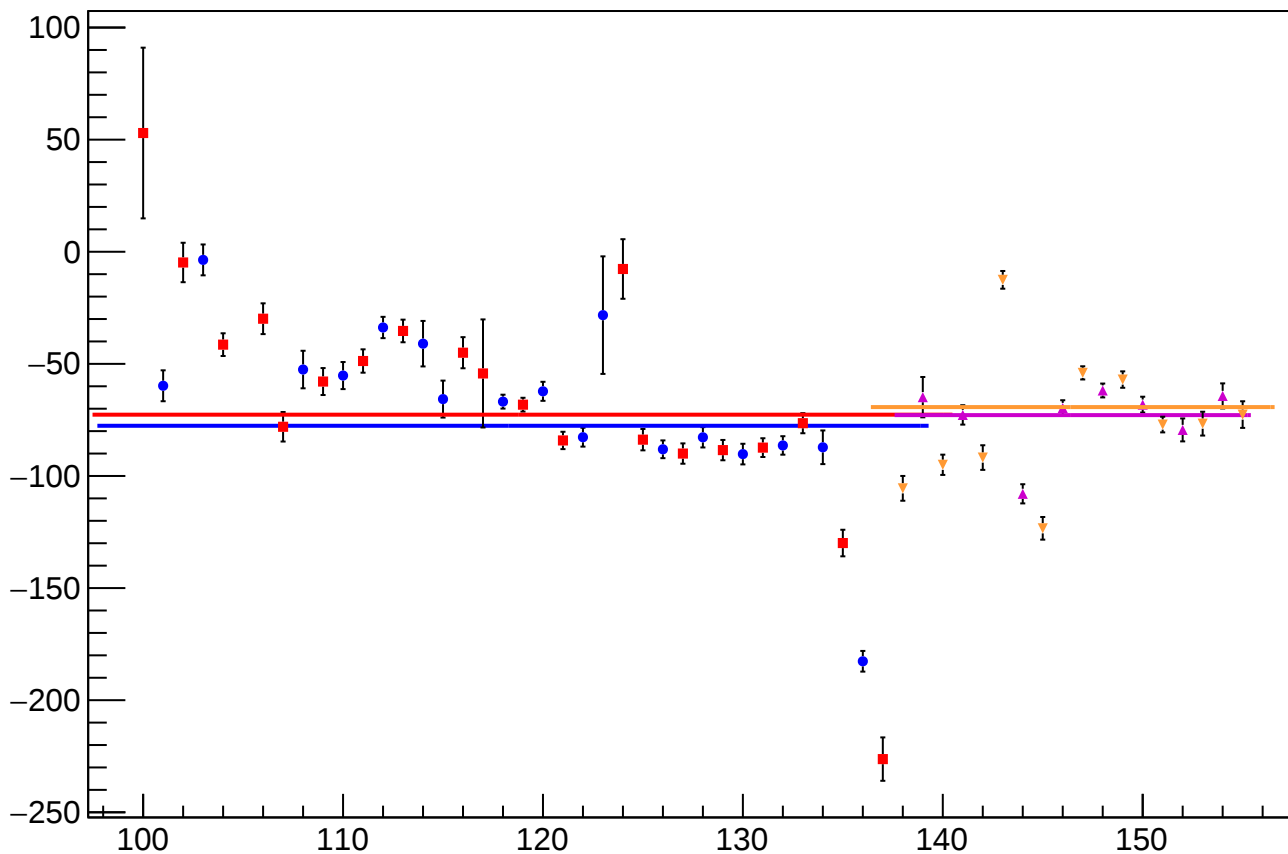
Right Out: -211.907 ± 1.920 $\chi^2/\text{NDF}: 1886.4/19$

Left In: -240.799 ± 1.772 $\chi^2/\text{NDF}: 115.5/7$

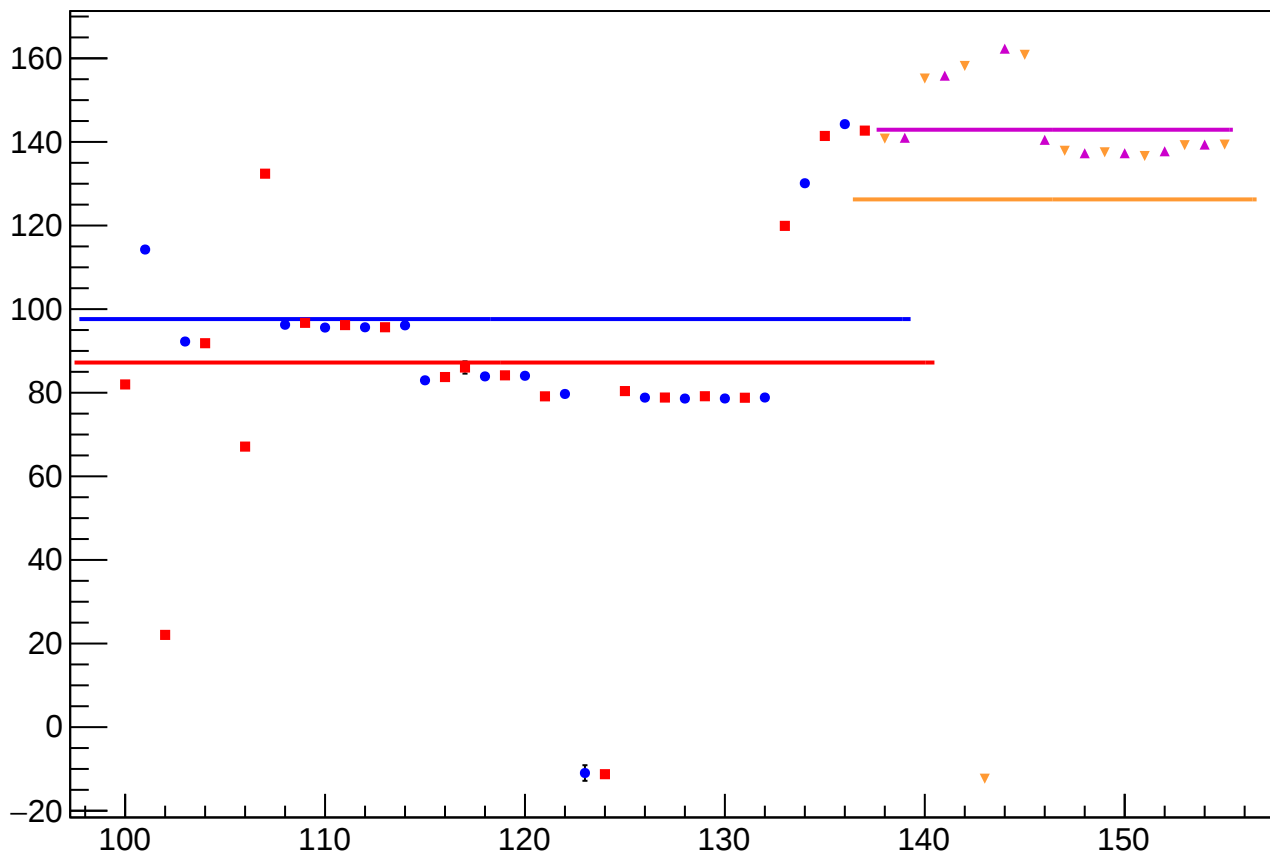
-211.547 ± 1.279 $\chi^2/\text{NDF}: 4273.9/26$

-227.509 ± 1.302 $\chi^2/\text{NDF}: 2124.1/27$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.620 $\pm$ 0.074 χ^2 /NDF: 94045.2/16

Left Out: 126.249 $\pm$ 0.068 χ^2 /NDF: 539936.7/9

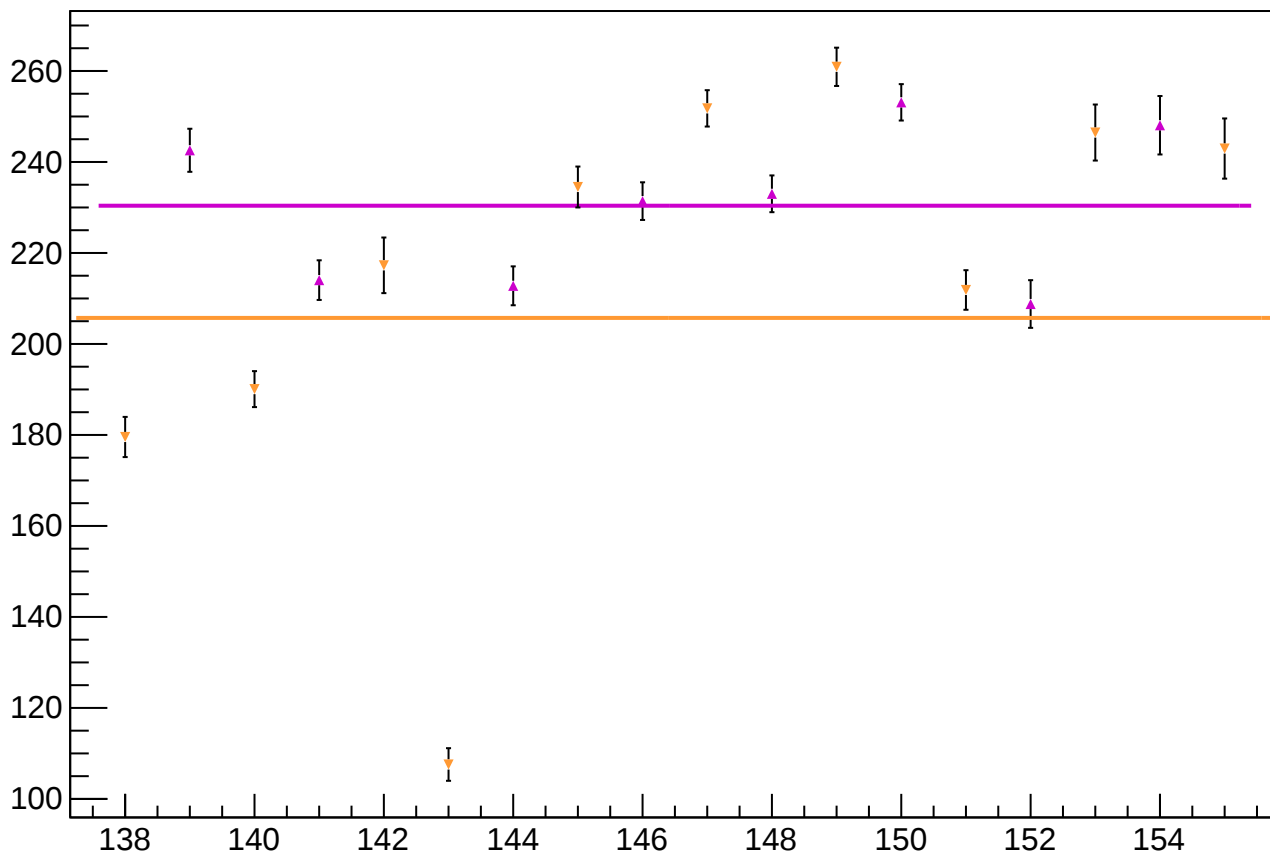
Right Out: 87.224 $\pm$ 0.068 χ^2 /NDF: 220851.2/19

Left In: 142.918 $\pm$ 0.073 χ^2 /NDF: 13231.2/7

113.051 $\pm$ 0.050 χ^2 /NDF: 715288.9/26

113.253 $\pm$ 0.050 χ^2 /NDF: 545814.7/27

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: 205.725+/-1.428 χ^2/NDF :1227.1/9

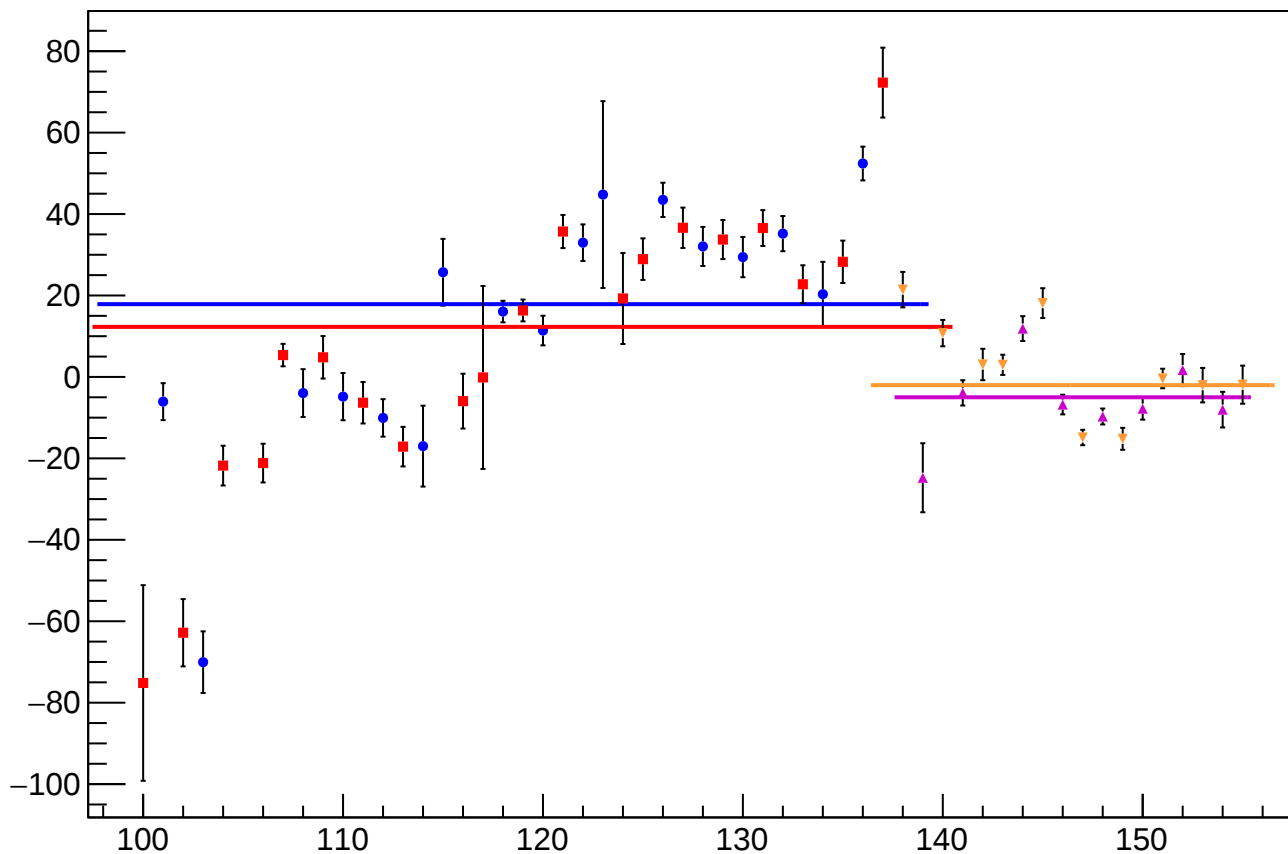
205.725+/-1.428 χ^2/NDF : 1227.1/9

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

Left In: 230.387+/-1.591 χ^2/NDF :95.0/7

230.387+/-1.591 χ^2/NDF : 95.0/7

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: -2.020 $\pm$ 0.935 χ^2/NDF : 151.0/9

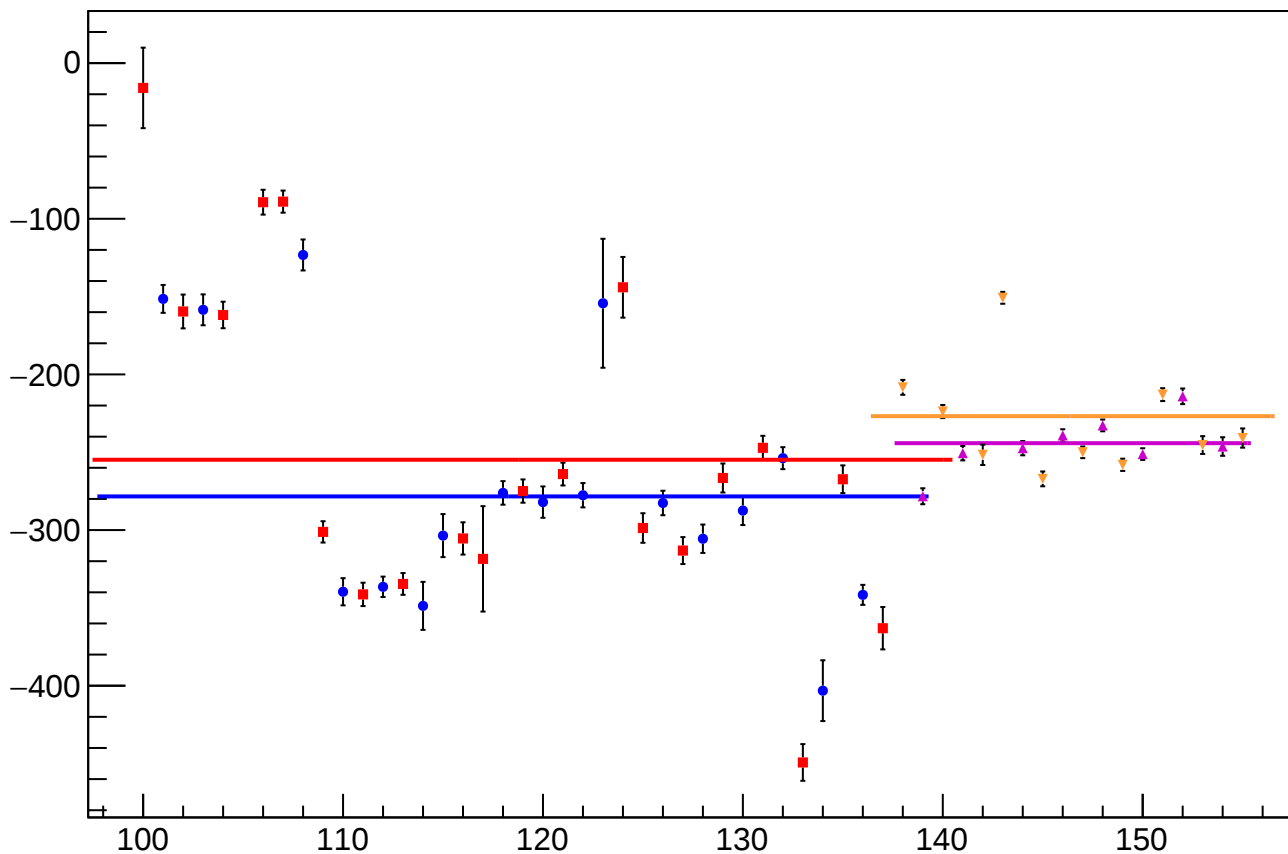
Right Out: 12.288 $\pm$ 1.082 χ^2/NDF : 444.4/19

Left In: -4.998 $\pm$ 1.047 χ^2/NDF : 46.9/7

5.763 $\pm$ 0.729 χ^2/NDF : 723.6/26

3.363 $\pm$ 0.753 χ^2/NDF : 623.1/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.380 ± 2.185 χ^2/NDF : 910.6/16

Left Out: -226.834 ± 1.433 χ^2/NDF : 625.2/9

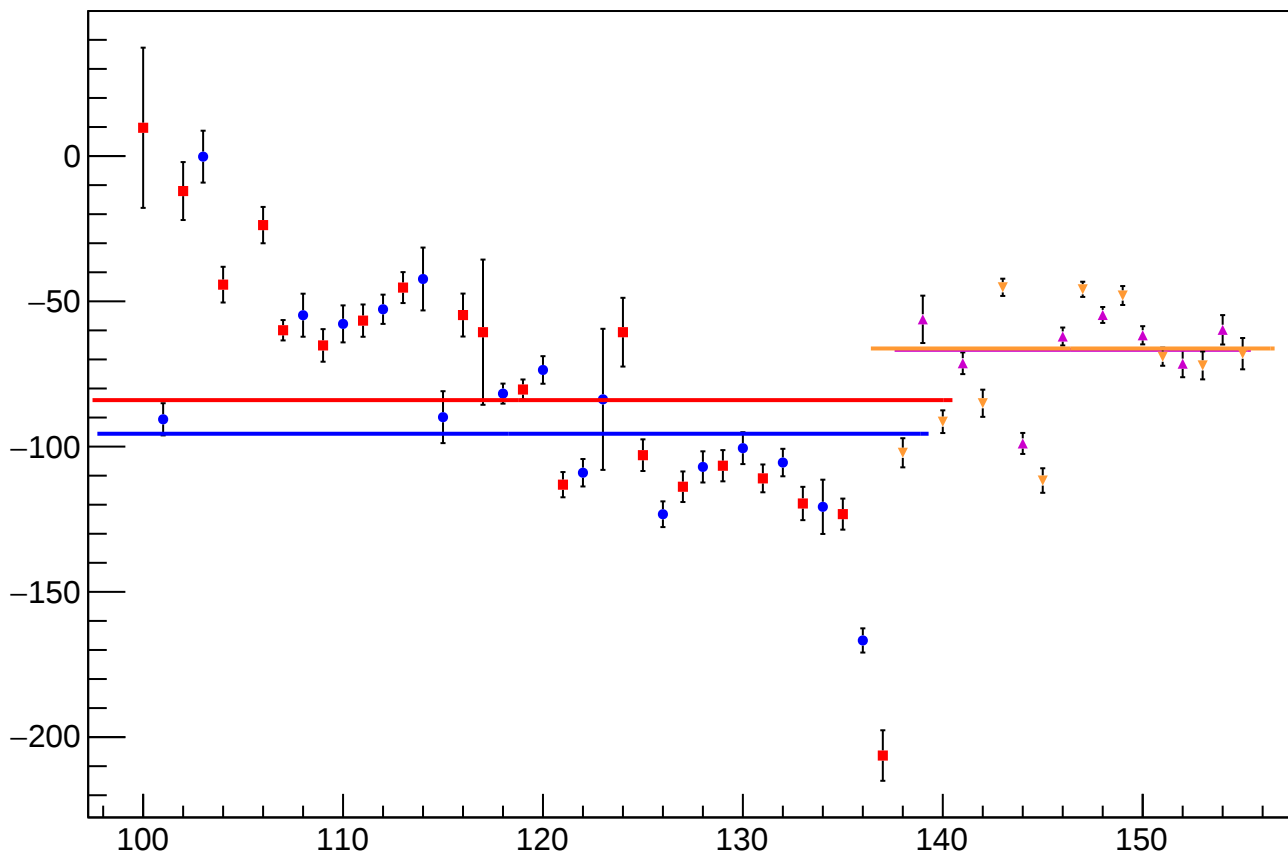
Right Out: -254.830 ± 2.016 χ^2/NDF : 2041.0/19

Left In: -244.170 ± 1.571 χ^2/NDF : 97.0/7

-242.332 ± 1.198 χ^2/NDF : 1925.0/26

-248.196 ± 1.239 χ^2/NDF : 2155.4/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.576 $\pm$ 1.340 χ^2 /NDF: 671.2/16

Left Out: -66.229 $\pm$ 1.161 χ^2 /NDF: 369.8/9

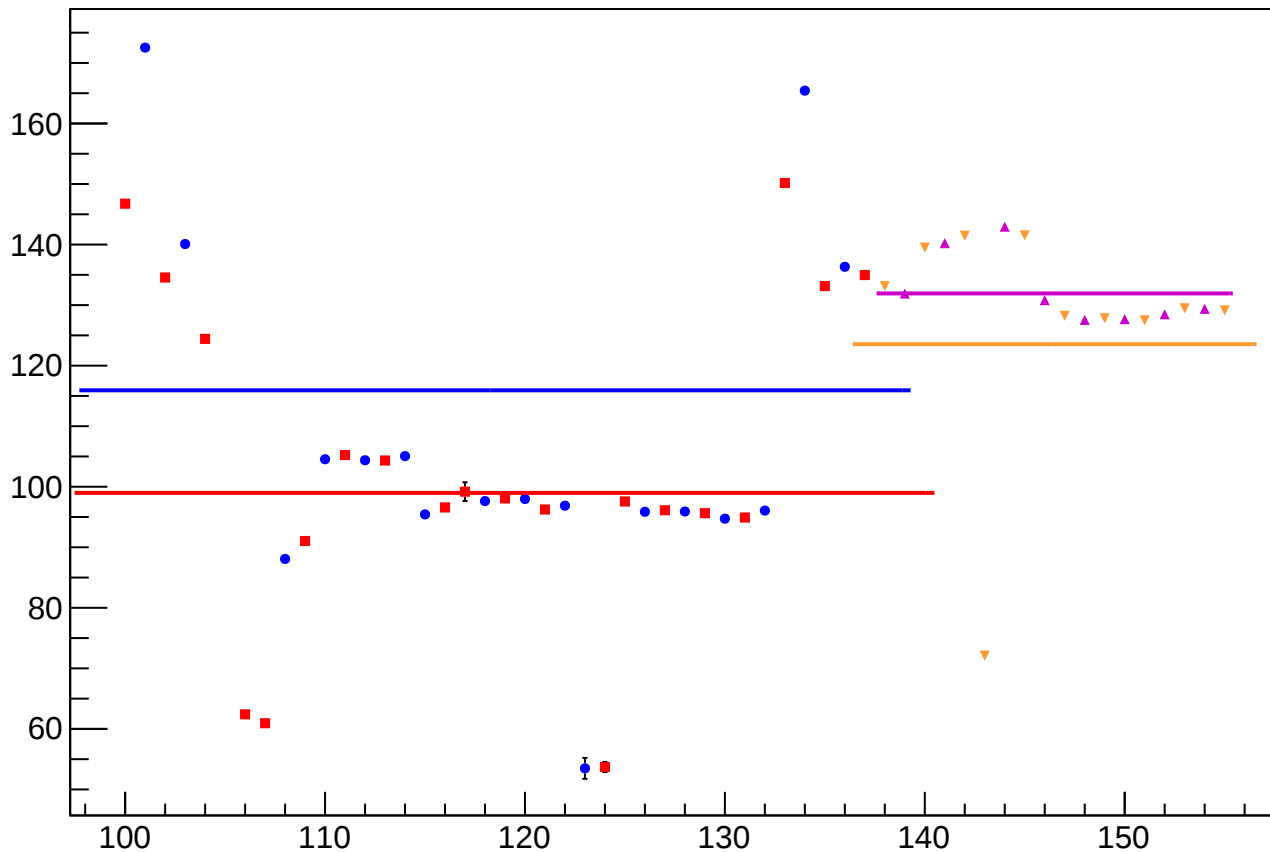
Right Out: -84.003 $\pm$ 1.255 χ^2 /NDF: 784.1/19

Left In: -66.687 $\pm$ 1.304 χ^2 /NDF: 109.4/7

-78.808 $\pm$ 0.878 χ^2 /NDF: 1314.9/26

-75.673 $\pm$ 0.904 χ^2 /NDF: 985.1/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.927+/-0.078 χ^2/NDF : 105791.4/16

Left Out: 123.551+/-0.059 χ^2/NDF :139713.4/9

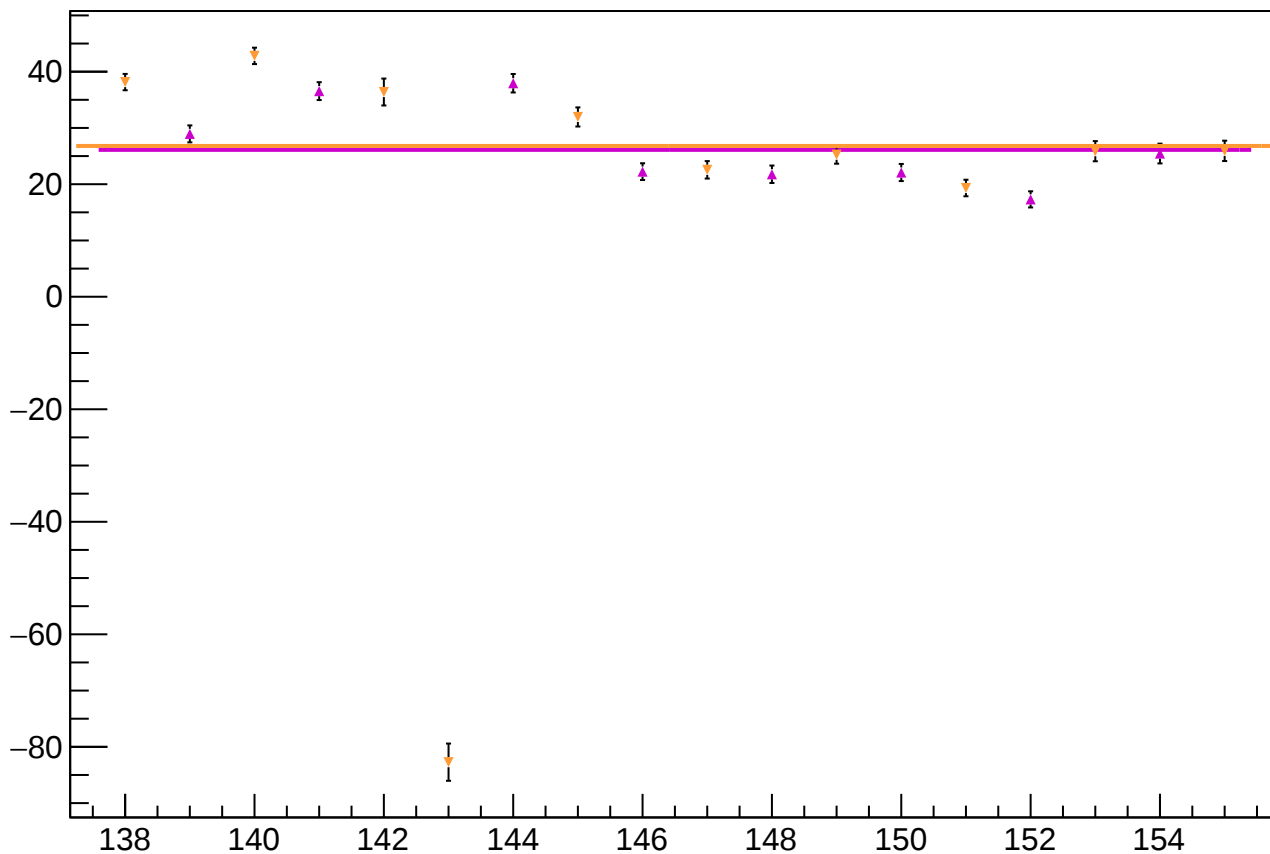
Right Out: 98.982+/-0.068 χ^2/NDF : 172974.2/19

Left In: 131.932+/-0.065 χ^2/NDF :6927.6/7

120.786+/-0.047 χ^2/NDF : 251527.7/26

116.408+/-0.047 χ^2/NDF : 302330.9/27

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 26.800+/-0.539 χ^2/NDF :1336.1/9

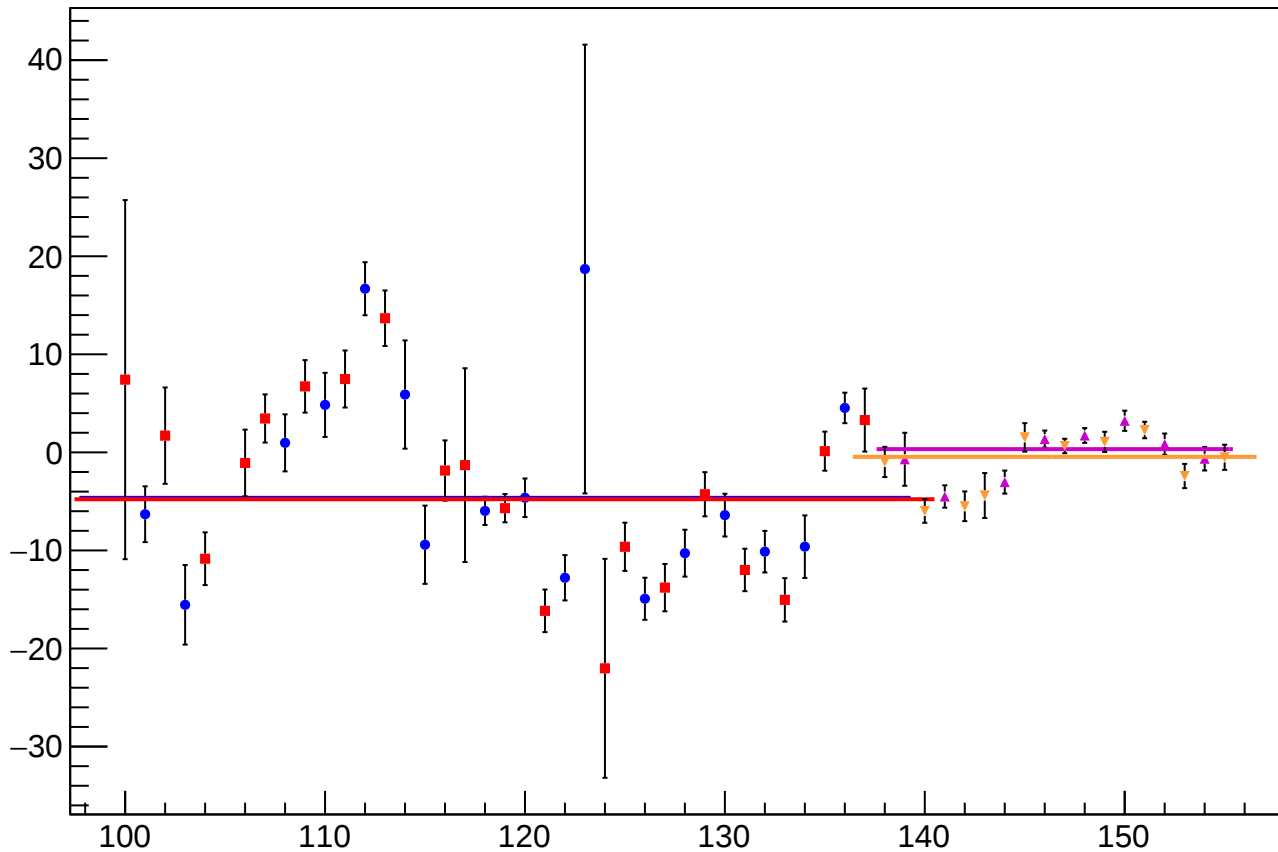
26.800+/-0.539 χ^2/NDF : 1336.1/9

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

Left In: 26.106+/-0.549 χ^2/NDF :158.0/7

26.106+/-0.549 χ^2/NDF : 158.0/7

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.637 ± 0.588 $\chi^2/\text{NDF}: 174.4/16$

Left Out: -0.455 ± 0.361 $\chi^2/\text{NDF}: 54.6/9$

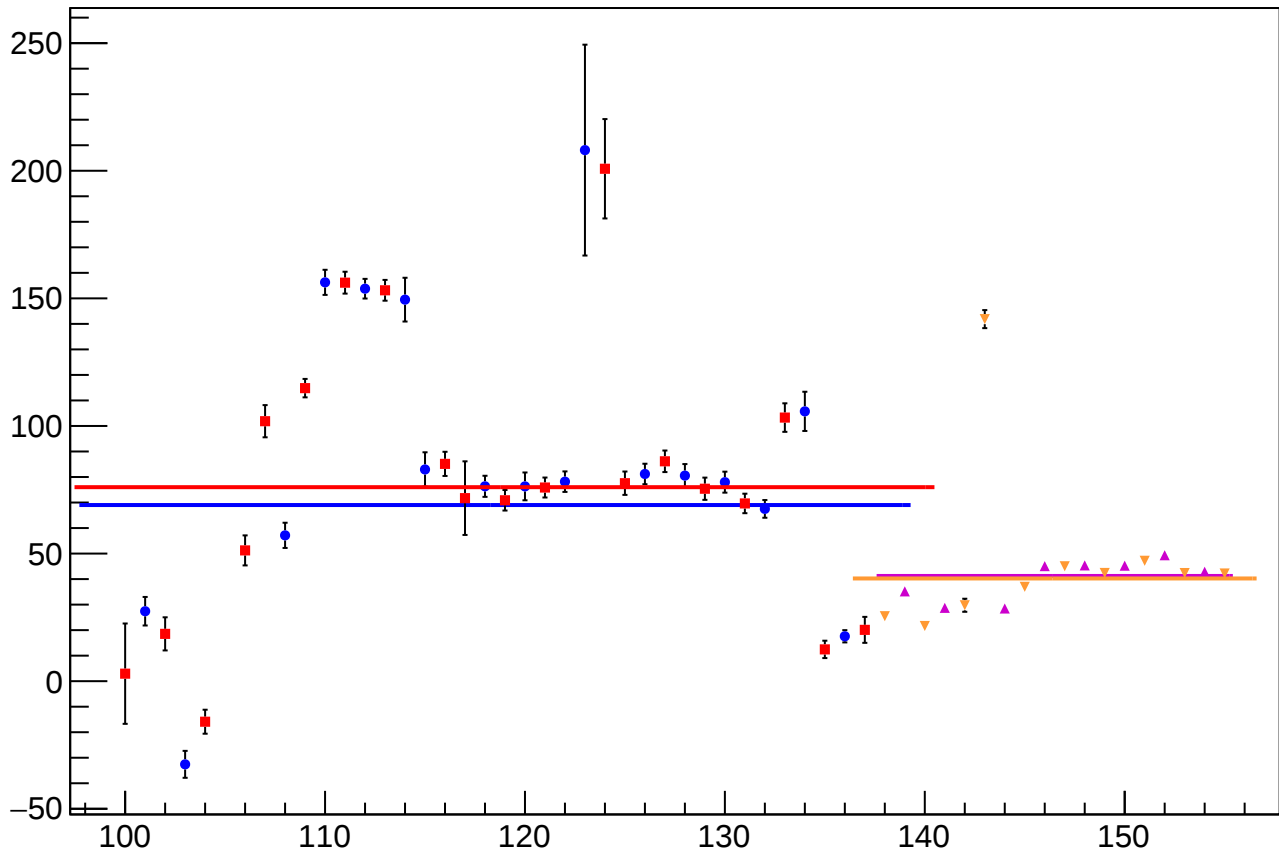
Right Out: -4.779 ± 0.583 $\chi^2/\text{NDF}: 192.7/19$

Left In: 0.329 ± 0.373 $\chi^2/\text{NDF}: 39.9/7$

-1.602 ± 0.308 $\chi^2/\text{NDF}: 265.8/26$

-1.150 ± 0.314 $\chi^2/\text{NDF}: 287.0/27$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.019+/-1.083 χ^2/NDF : 1848.0/16

Left Out: 40.245+/-0.534 χ^2/NDF : 1119.1/9

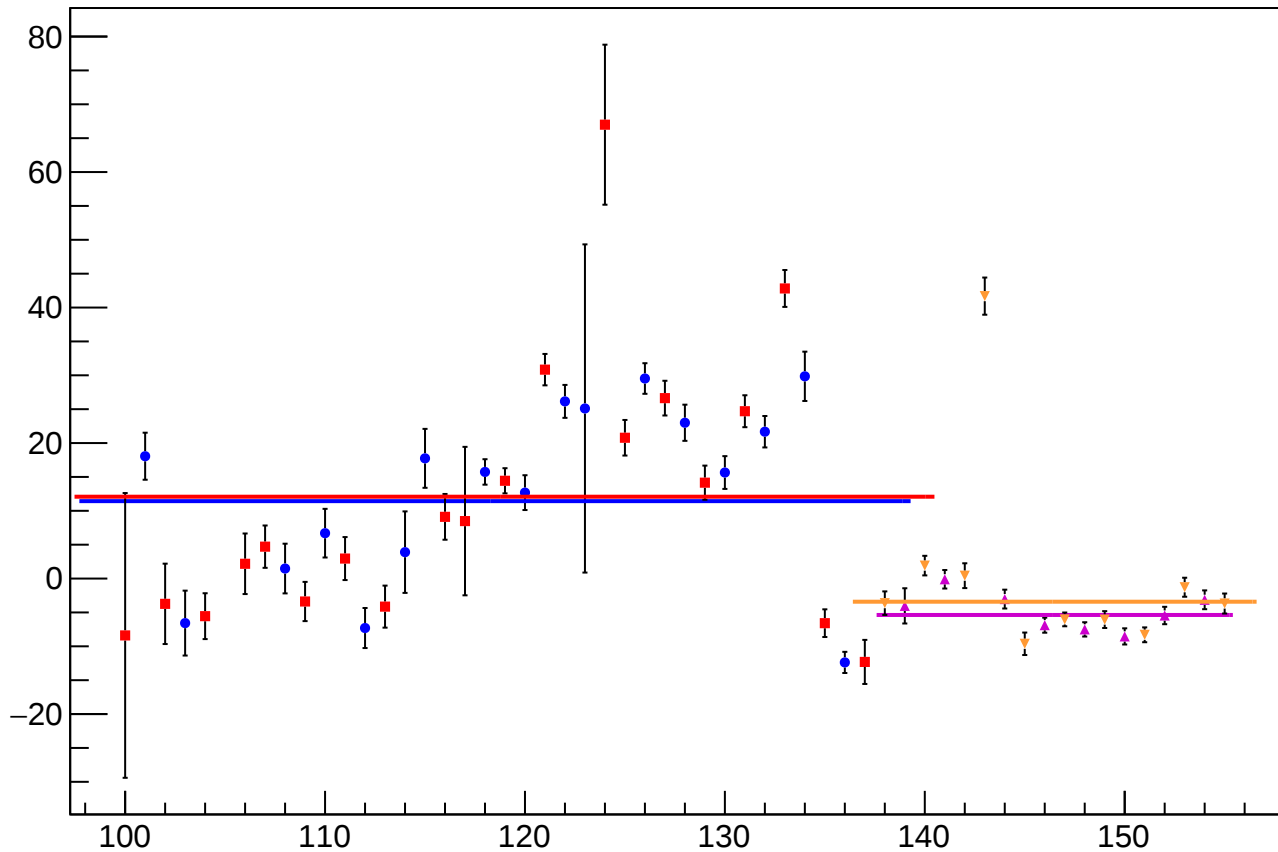
Right Out: 76.017+/-1.067 χ^2/NDF : 1882.0/19

Left In: 41.226+/-0.541 χ^2/NDF : 180.3/7

45.870+/-0.479 χ^2/NDF : 3534.6/26

48.346+/-0.483 χ^2/NDF : 2908.0/27

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: -3.415 $\pm$ 0.446 χ^2/NDF : 335.8/9

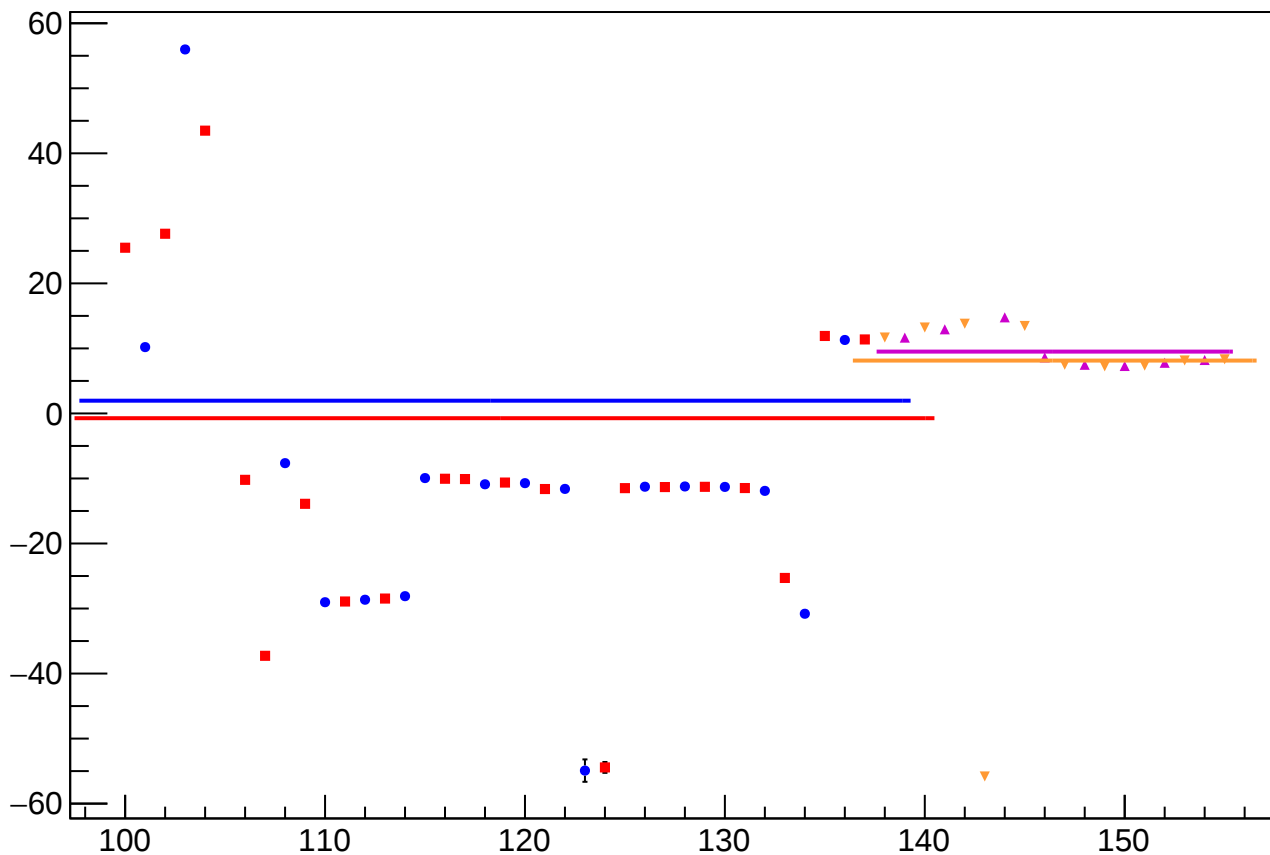
Right Out: 12.082 $\pm$ 0.663 χ^2/NDF : 539.2/19

Left In: -5.373 $\pm$ 0.459 χ^2/NDF : 33.6/7

1.186 $\pm$ 0.371 χ^2/NDF : 1155.9/26

0.291 $\pm$ 0.378 χ^2/NDF : 1041.4/27

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.960+/-0.037 χ^2/NDF : 358457.0/16

Left Out: 8.130+/-0.022 χ^2/NDF : 222435.6/9

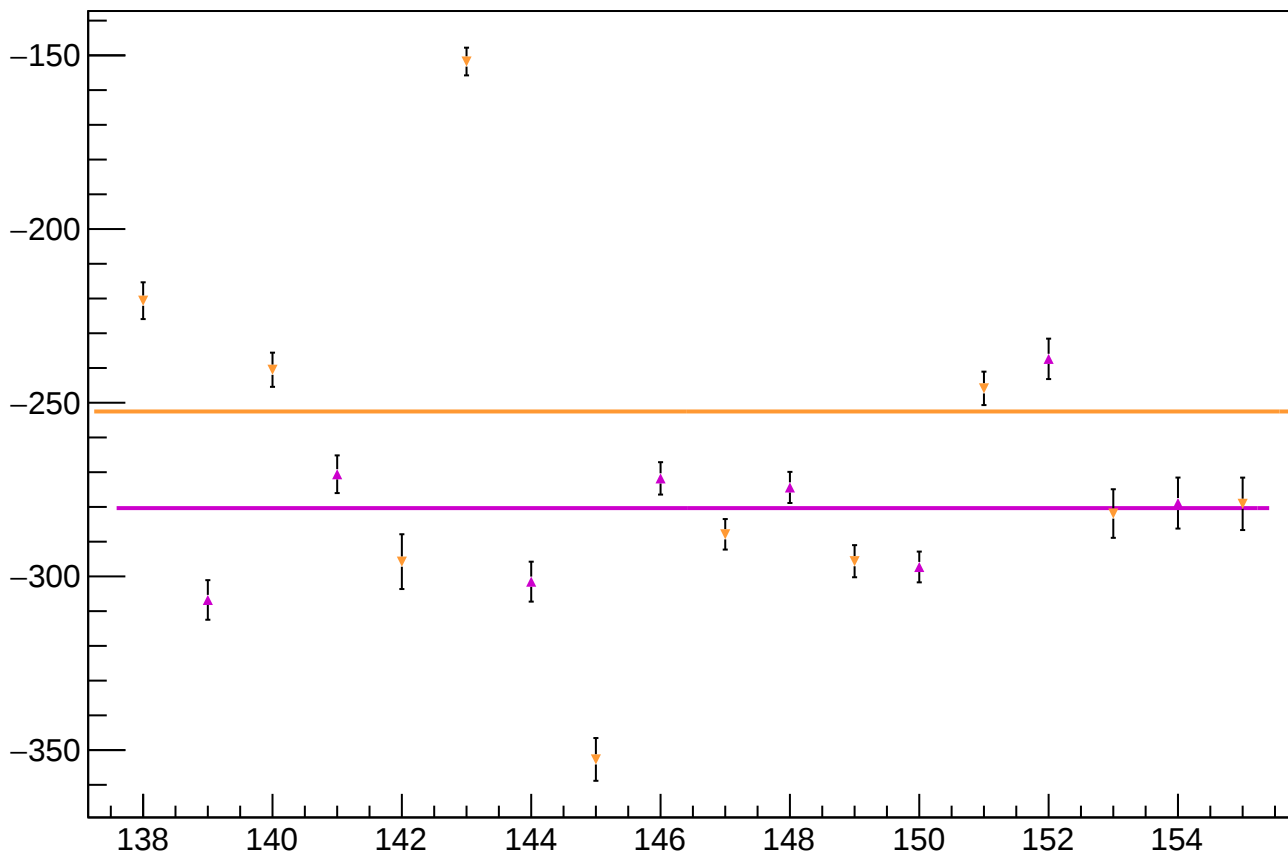
Right Out: -0.733+/-0.037 χ^2/NDF : 361368.4/19

Left In: 9.508+/-0.022 χ^2/NDF : 12707.9/7

6.567+/-0.019 χ^2/NDF : 601491.8/26

6.857+/-0.019 χ^2/NDF : 430663.0/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



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

Left Out: -252.518+/-1.662 χ^2/NDF : 1158.3/9

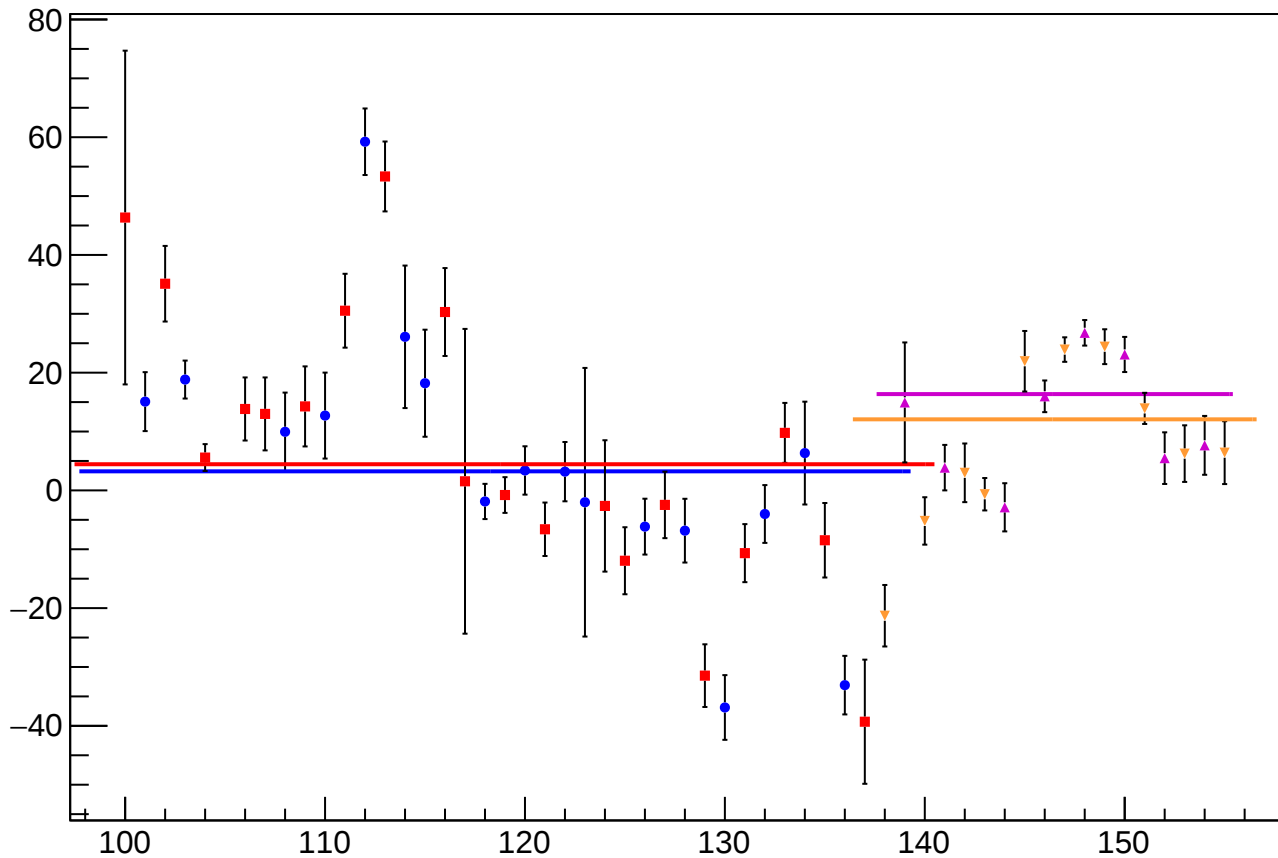
-252.518+/-1.662 χ^2/NDF : 1158.3/9

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

-280.339+/-1.857 χ^2/NDF : 112.7/7

Left In: -280.339+/-1.857 χ^2/NDF : 112.7/7

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: 12.072 ± 1.069 χ^2/NDF : 140.4/9

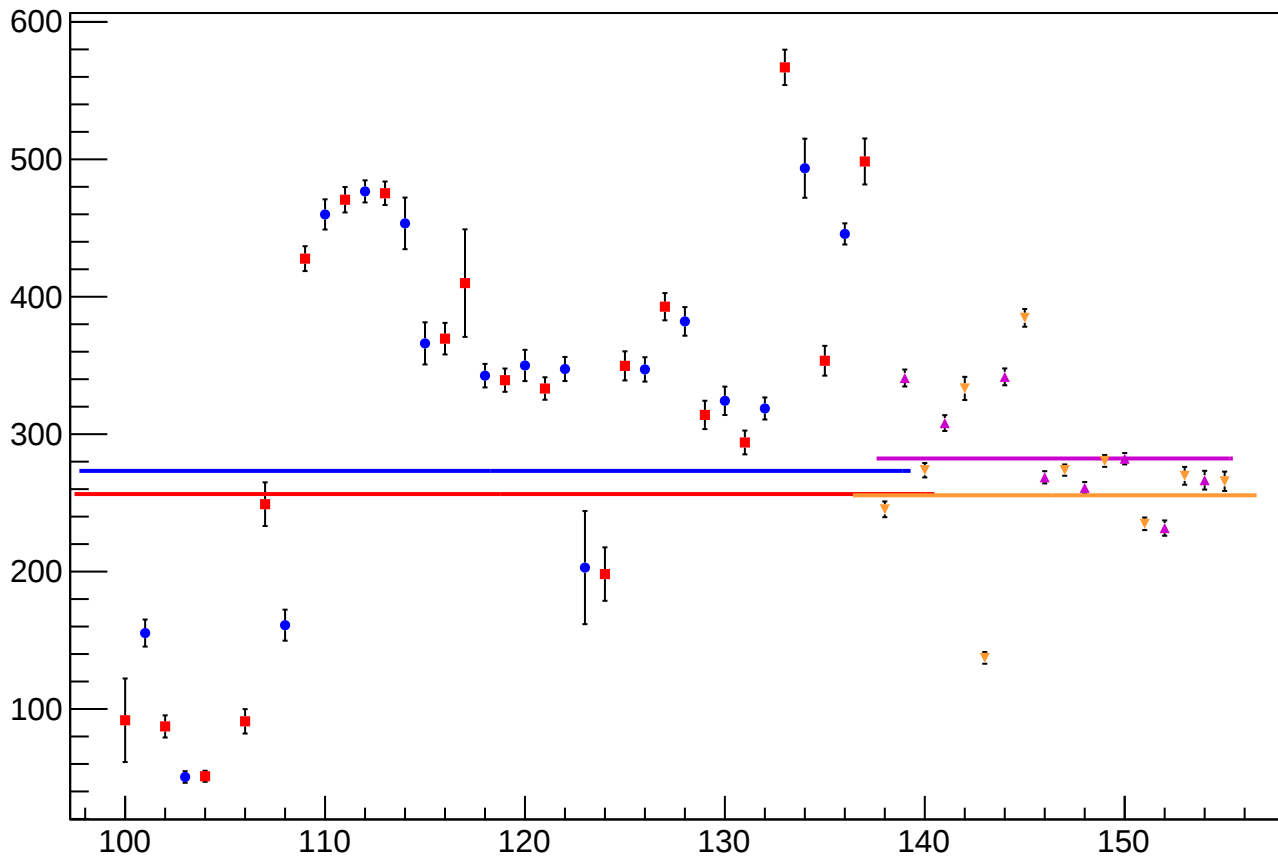
Right Out: 4.444 ± 1.156 χ^2/NDF : 225.8/19

Left In: 16.360 ± 1.203 χ^2/NDF : 69.9/7

8.316 ± 0.811 χ^2/NDF : 424.7/26

10.164 ± 0.834 χ^2/NDF : 346.6/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 273.276 ± 2.205 χ^2/NDF : 5101.5/16

Left Out: 255.512 ± 1.657 χ^2/NDF : 1353.1/9

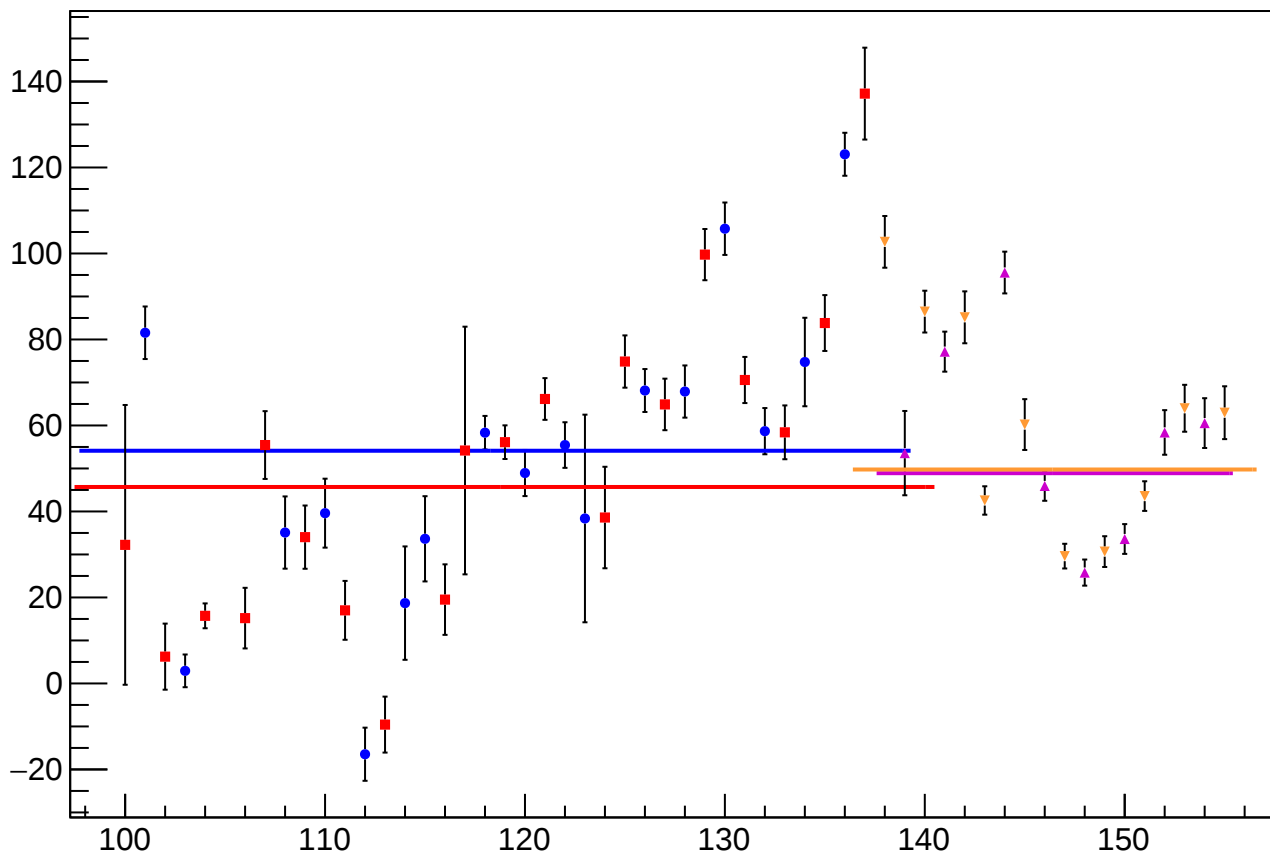
Right Out: 256.418 ± 2.077 χ^2/NDF : 6453.9/19

Left In: 282.298 ± 1.820 χ^2/NDF : 326.3/7

261.923 ± 1.324 χ^2/NDF : 6496.1/26

271.056 ± 1.369 χ^2/NDF : 6868.0/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.119+/-1.438 χ^2/NDF : 633.9/16

Left Out: 49.757+/-1.335 χ^2/NDF : 269.1/9

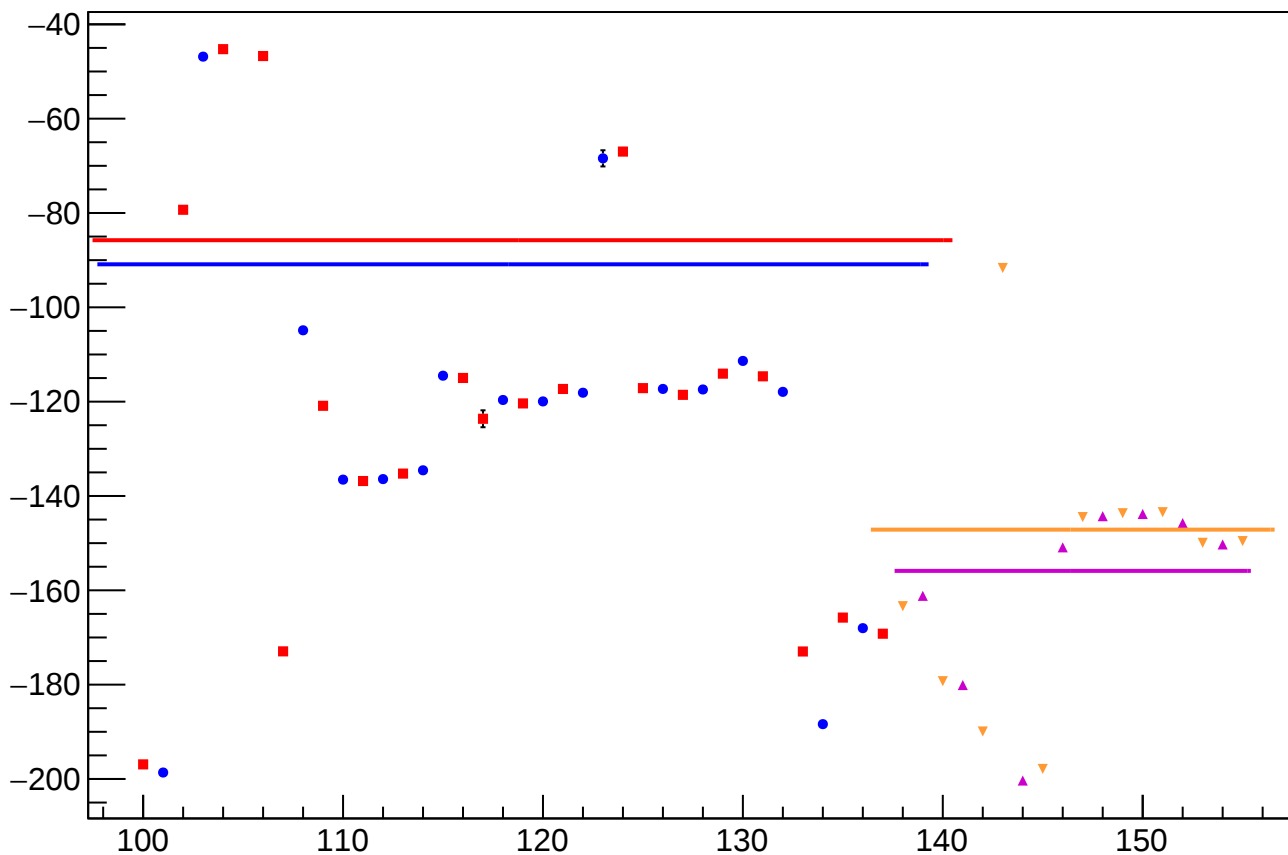
Right Out: 45.694+/-1.356 χ^2/NDF : 531.1/19

Left In: 48.901+/-1.505 χ^2/NDF : 215.1/7

51.776+/-0.978 χ^2/NDF : 908.0/26

47.131+/-1.007 χ^2/NDF : 748.7/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -90.881 $\pm$ 0.068 χ^2/NDF : 533423.8/16

Left Out: -147.135 $\pm$ 0.069 χ^2/NDF : 186770.4/9

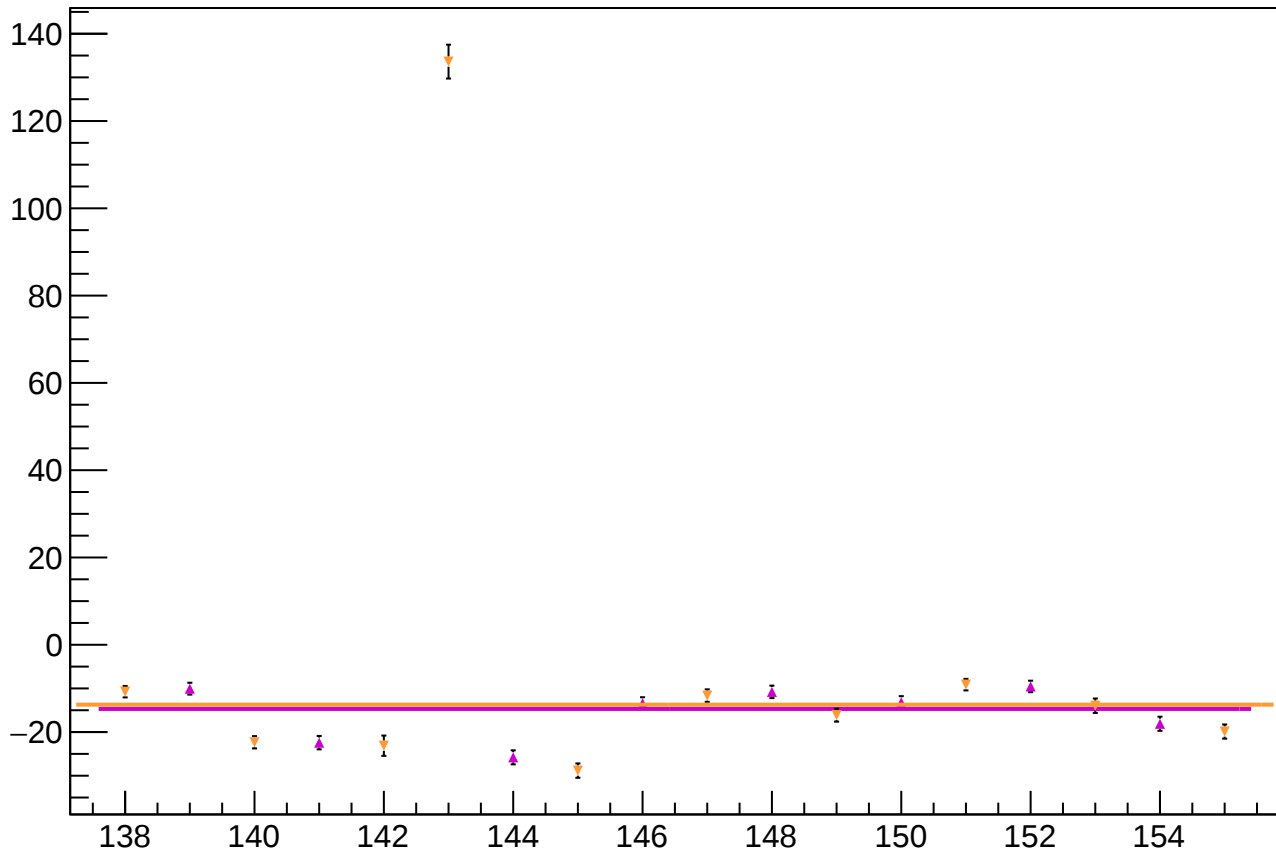
Right Out: -85.772 $\pm$ 0.065 χ^2/NDF : 494629.5/19

Left In: -155.880 $\pm$ 0.075 χ^2/NDF : 50627.0/7

-118.642 $\pm$ 0.048 χ^2/NDF : 1060388.4/26

-115.848 $\pm$ 0.049 χ^2/NDF : 1043985.4/27

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: -13.723+/-0.503 χ^2/NDF :1615.2/9

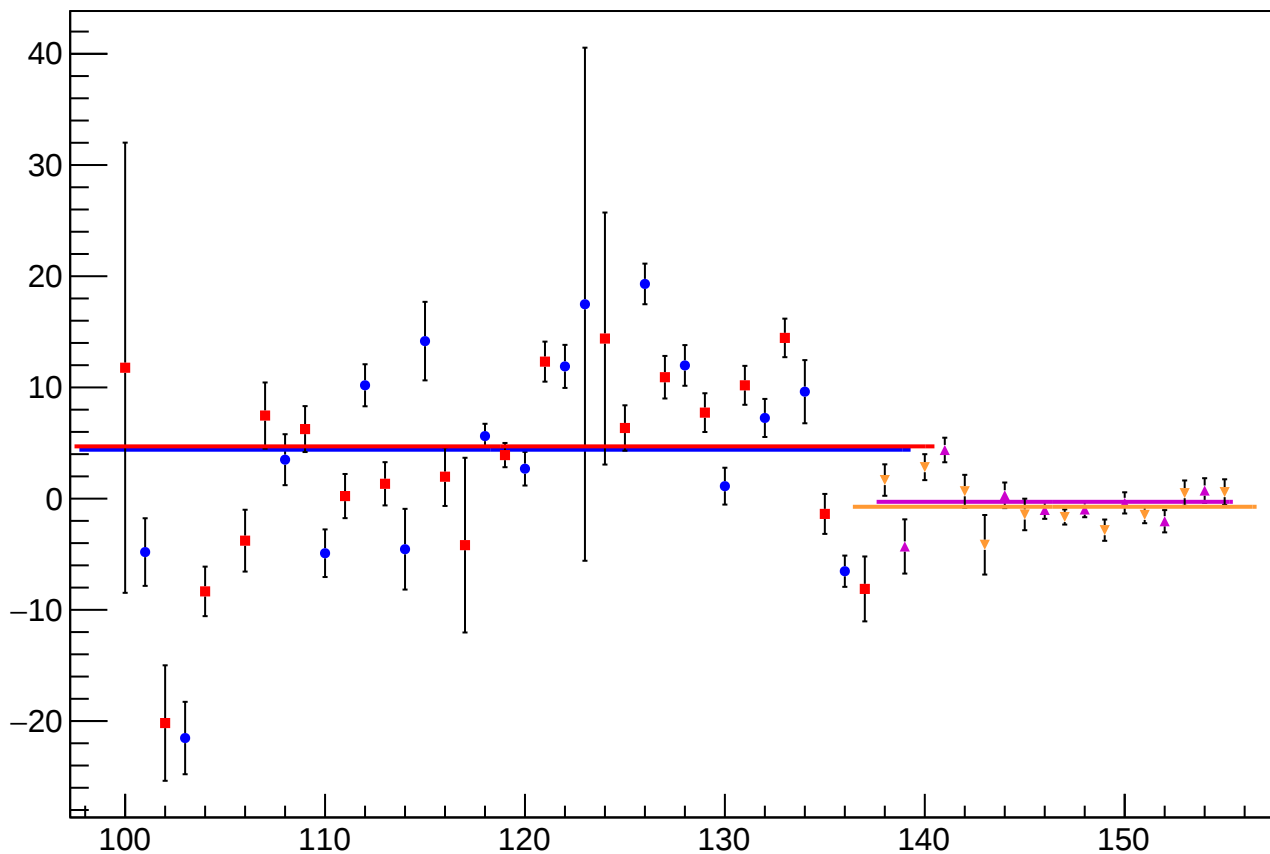
-13.723+/-0.503 χ^2/NDF : 1615.2/9

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

Left In: -14.704+/-0.511 χ^2/NDF :113.5/7

-14.704+/-0.511 χ^2/NDF : 113.5/7

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: -0.732 ± 0.336 χ^2/NDF : 25.0/9

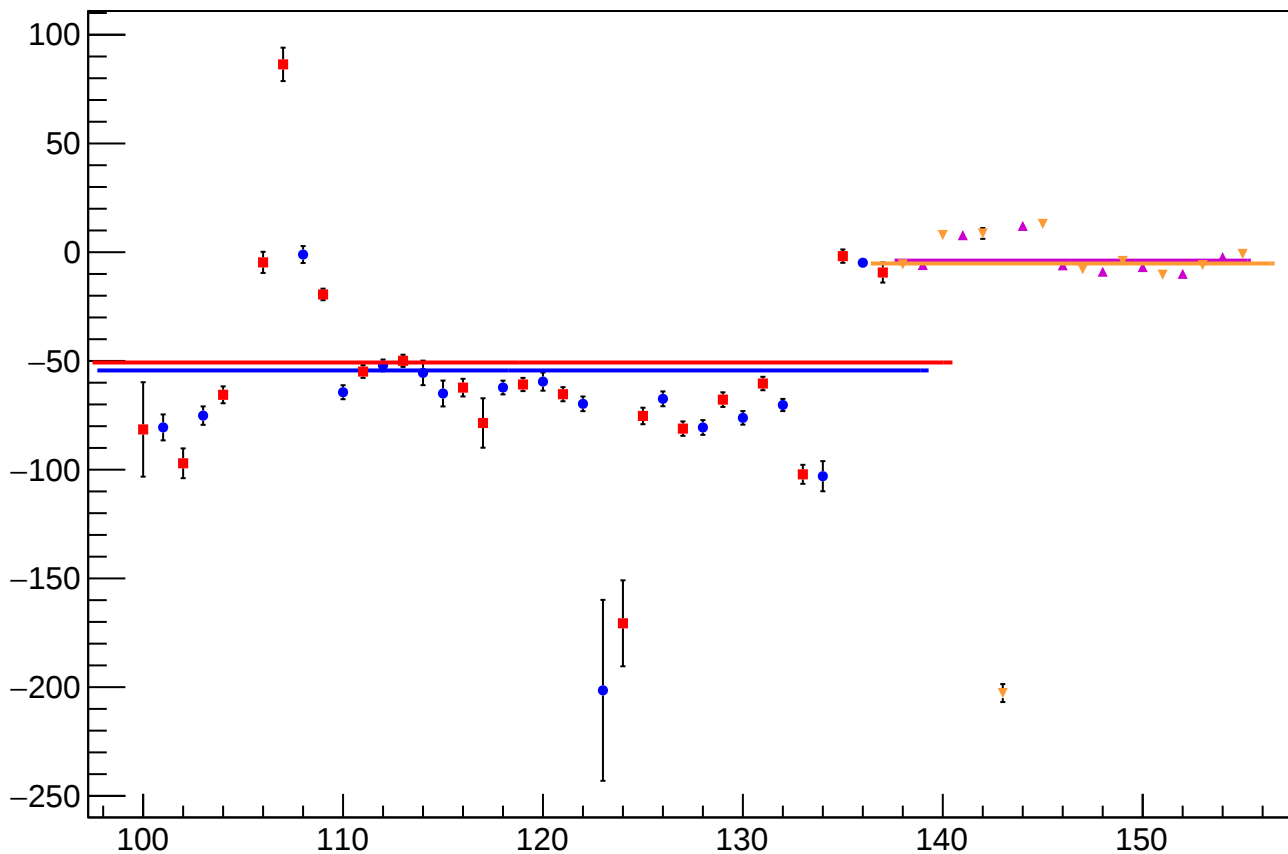
Right Out: 4.700 ± 0.472 χ^2/NDF : 184.2/19

Left In: -0.286 ± 0.347 χ^2/NDF : 26.5/7

0.995 ± 0.273 χ^2/NDF : 390.6/26

1.465 ± 0.280 χ^2/NDF : 283.0/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.365 ± 0.868 $\chi^2/\text{NDF}: 1013.5/16$

Left Out: -5.180 ± 0.497 $\chi^2/\text{NDF}: 2523.3/9$

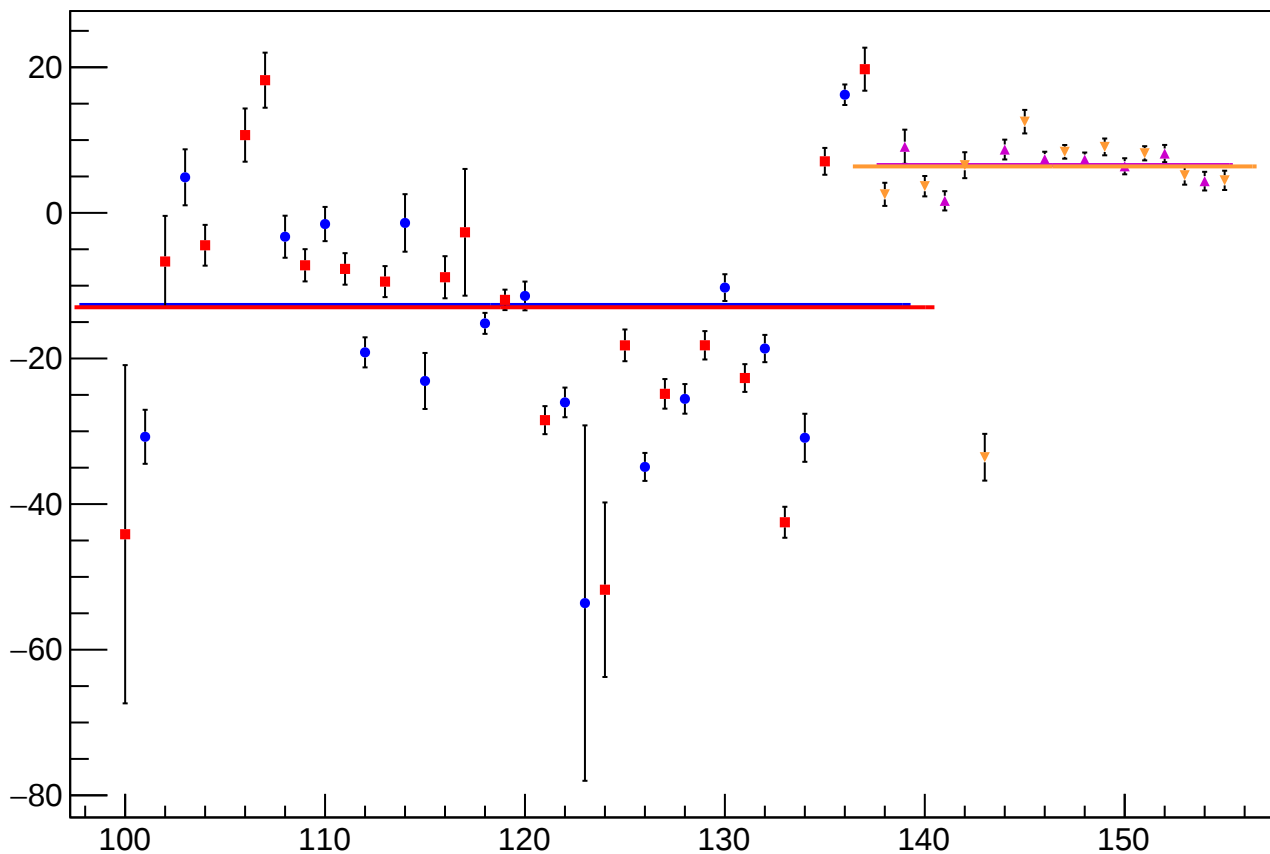
Right Out: -50.712 ± 0.855 $\chi^2/\text{NDF}: 1327.3/19$

Left In: -3.866 ± 0.503 $\chi^2/\text{NDF}: 185.4/7$

-17.305 ± 0.431 $\chi^2/\text{NDF}: 5954.8/26$

-15.916 ± 0.434 $\chi^2/\text{NDF}: 3742.2/27$

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: 6.380 ± 0.415 χ^2/NDF : 195.1/9

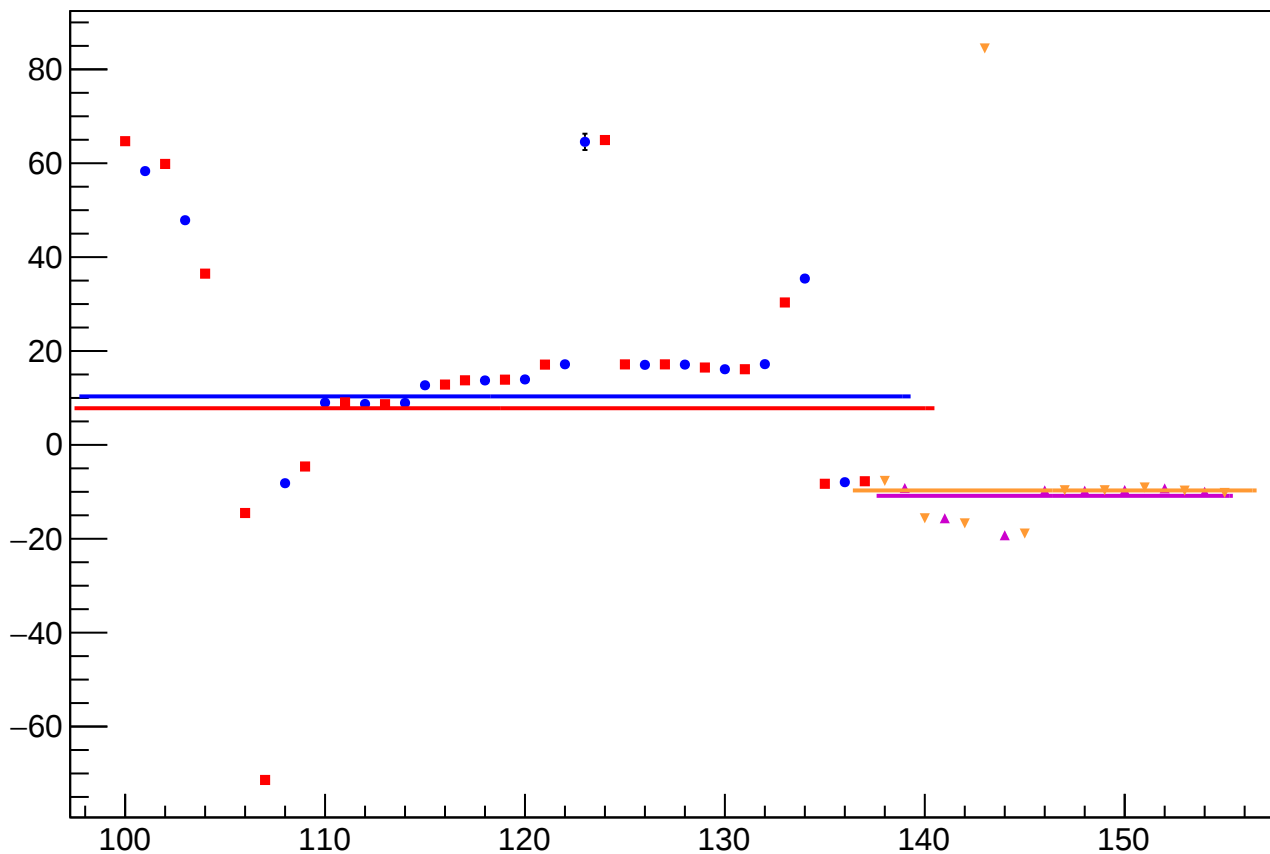
Right Out: -12.965 ± 0.536 χ^2/NDF : 722.8/19

Left In: 6.570 ± 0.429 χ^2/NDF : 23.4/7

-0.747 ± 0.328 χ^2/NDF : 1770.9/26

-1.041 ± 0.335 χ^2/NDF : 1555.5/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.330+/-0.031 χ^2/NDF : 380857.1/16

Left Out: -9.705+/-0.020 χ^2/NDF : 354556.0/9

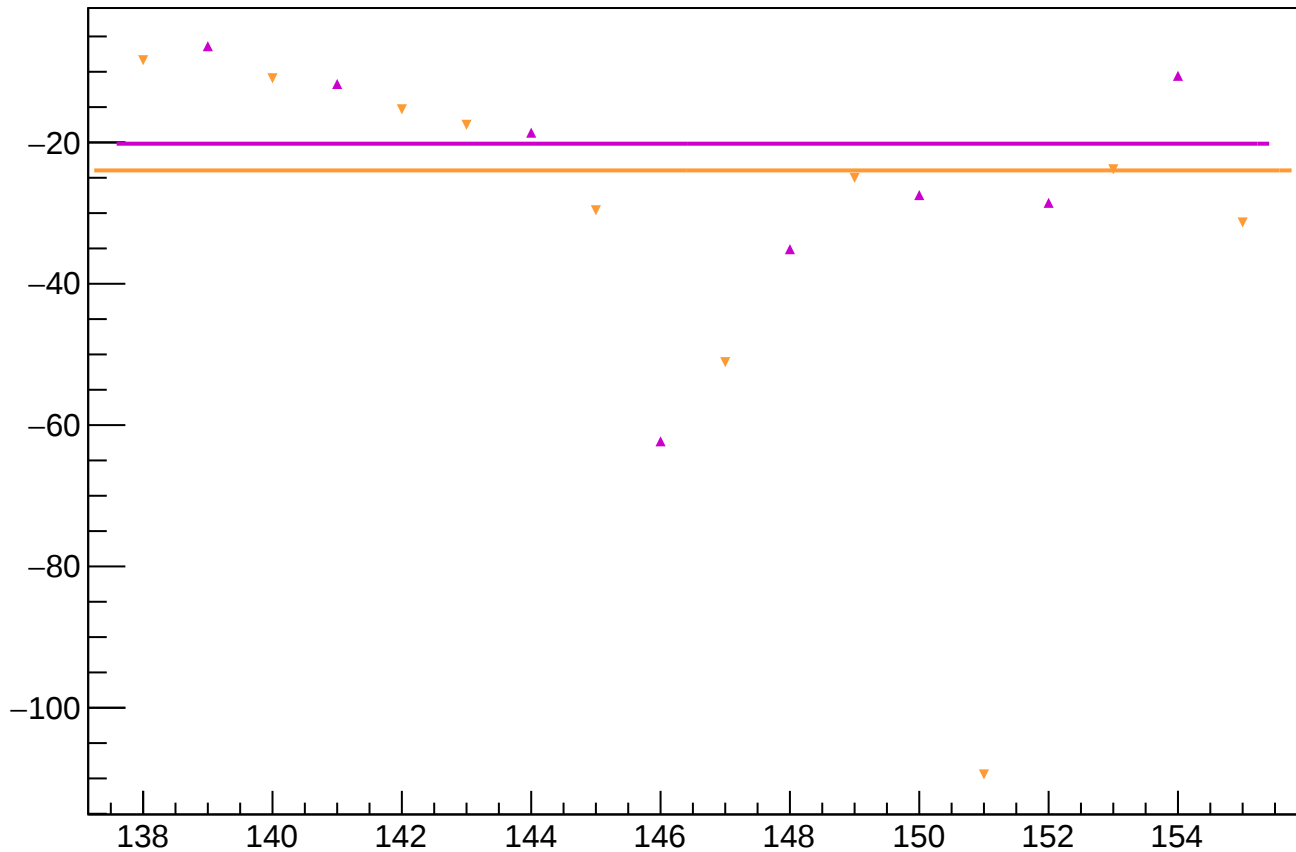
Right Out: 7.808+/-0.031 χ^2/NDF : 544249.7/19

Left In: -10.852+/-0.020 χ^2/NDF : 21193.7/7

-3.696+/-0.017 χ^2/NDF : 1034047.1/26

-5.302+/-0.017 χ^2/NDF : 815959.5/27

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.959+/-0.088 χ^2/NDF : 49698.2/9

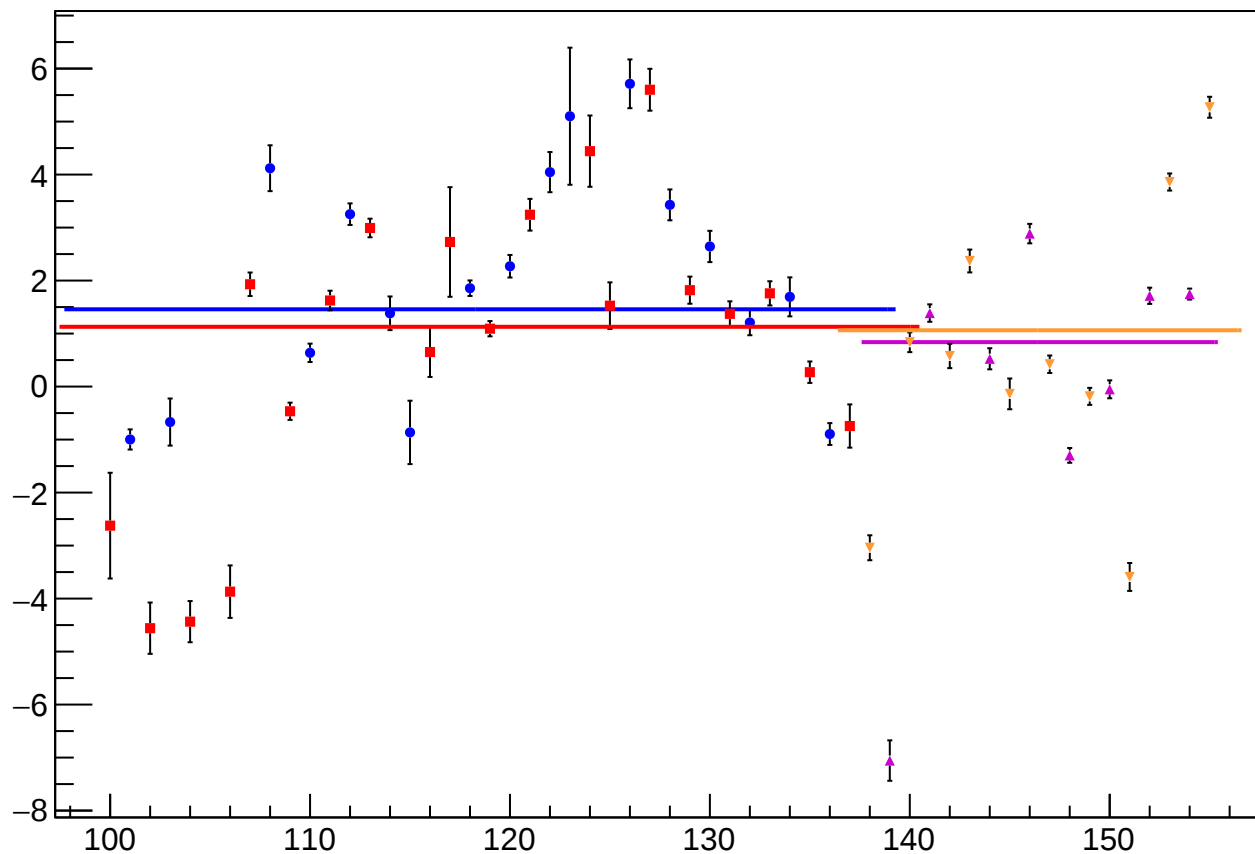
-23.959+/-0.088 χ^2/NDF : 49698.2/9

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

-20.177+/-0.080 χ^2/NDF : 32570.4/7

Left In: -20.177+/-0.080 χ^2/NDF : 32570.4/7

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.458 ± 0.062 χ^2/NDF : 698.2/16

Left Out: 1.062 ± 0.063 χ^2/NDF : 1504.9/9

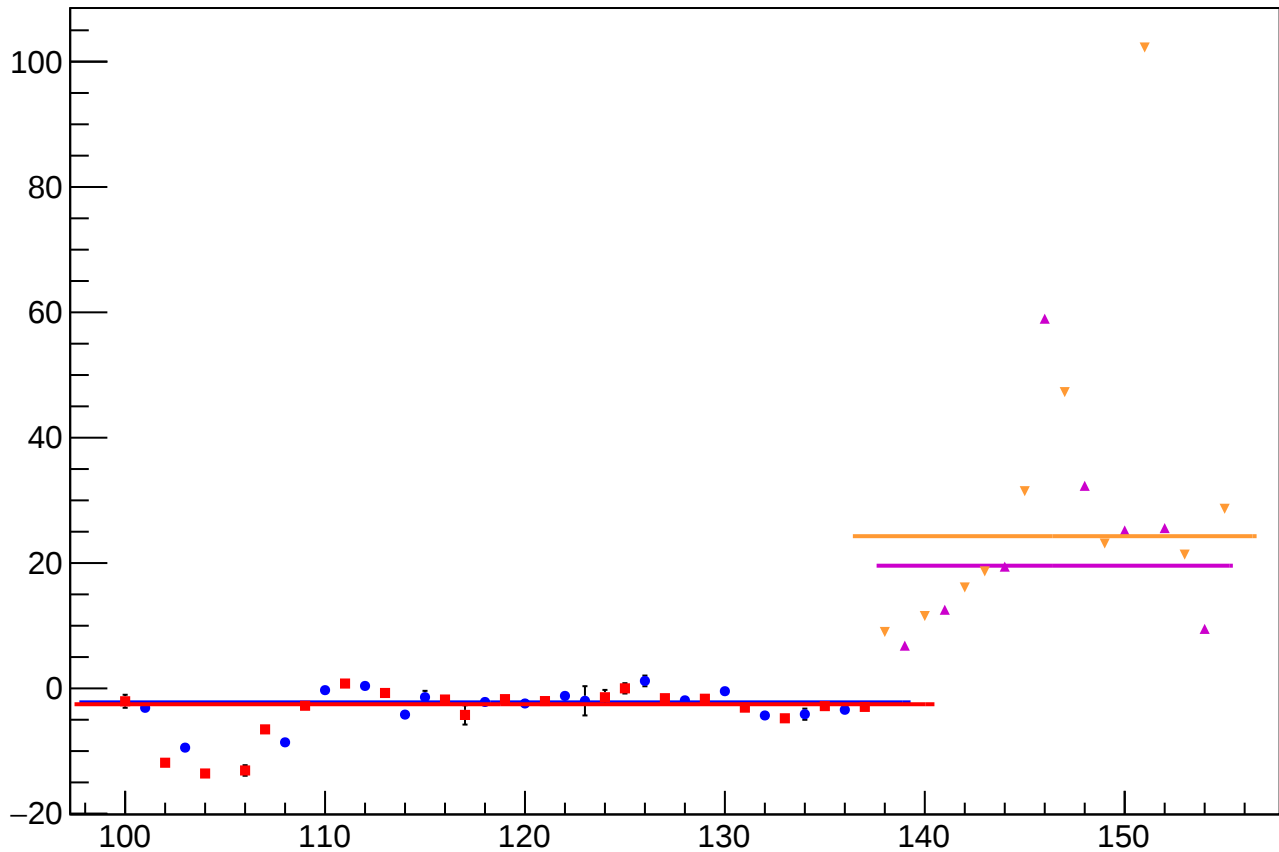
Right Out: 1.128 ± 0.058 χ^2/NDF : 949.8/19

Left In: 0.839 ± 0.056 χ^2/NDF : 937.2/7

1.263 ± 0.044 χ^2/NDF : 2223.2/26

0.978 ± 0.040 χ^2/NDF : 1899.9/27

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.228 ± 0.111 $\chi^2/\text{NDF}: 460.4/16$

Left Out: 24.286 ± 0.088 $\chi^2/\text{NDF}: 43938.0/9$

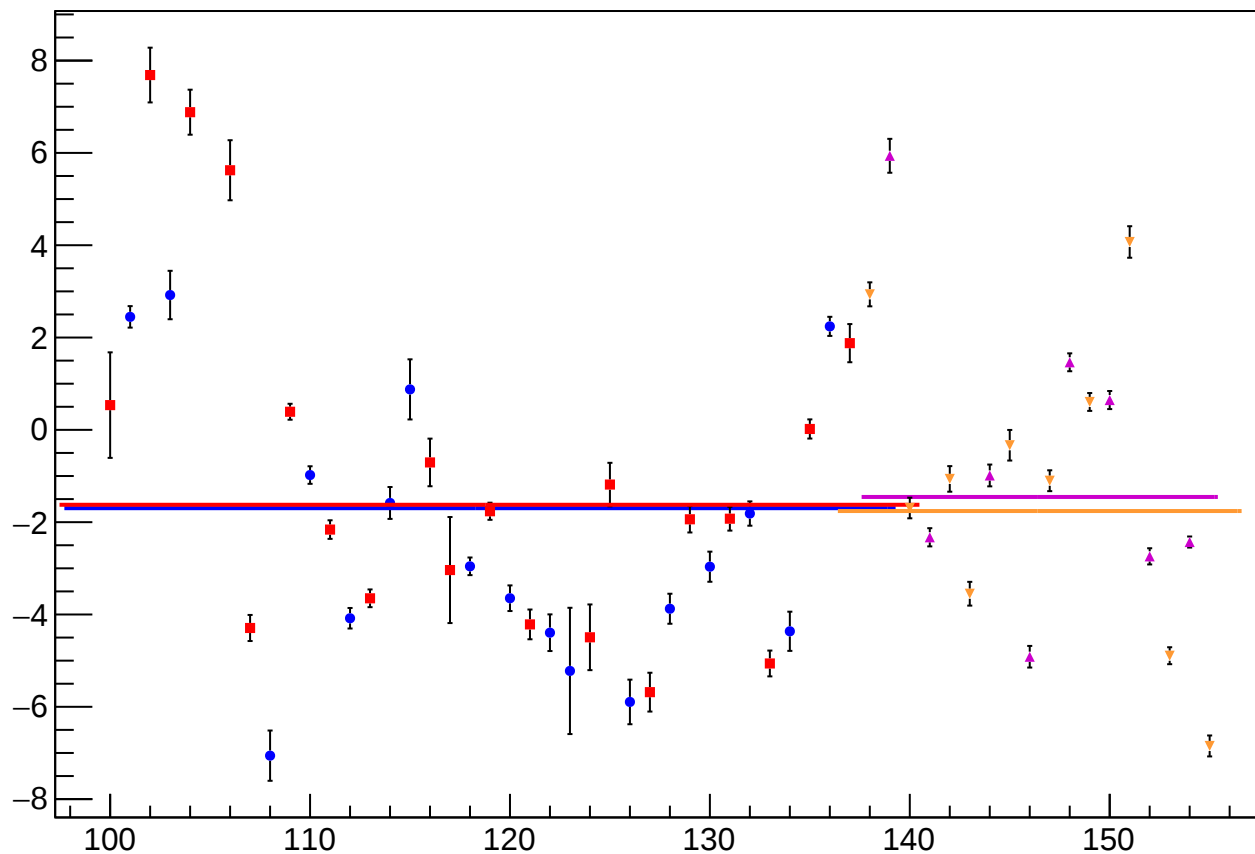
Right Out: -2.527 ± 0.099 $\chi^2/\text{NDF}: 905.2/19$

Left In: 19.578 ± 0.078 $\chi^2/\text{NDF}: 29912.1/7$

14.117 ± 0.069 $\chi^2/\text{NDF}: 79402.4/26$

11.028 ± 0.061 $\chi^2/\text{NDF}: 61530.4/27$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.697 ± 0.071 $\chi^2/\text{NDF}: 1319.4/16$

Left Out: -1.759 ± 0.075 $\chi^2/\text{NDF}: 1643.4/9$

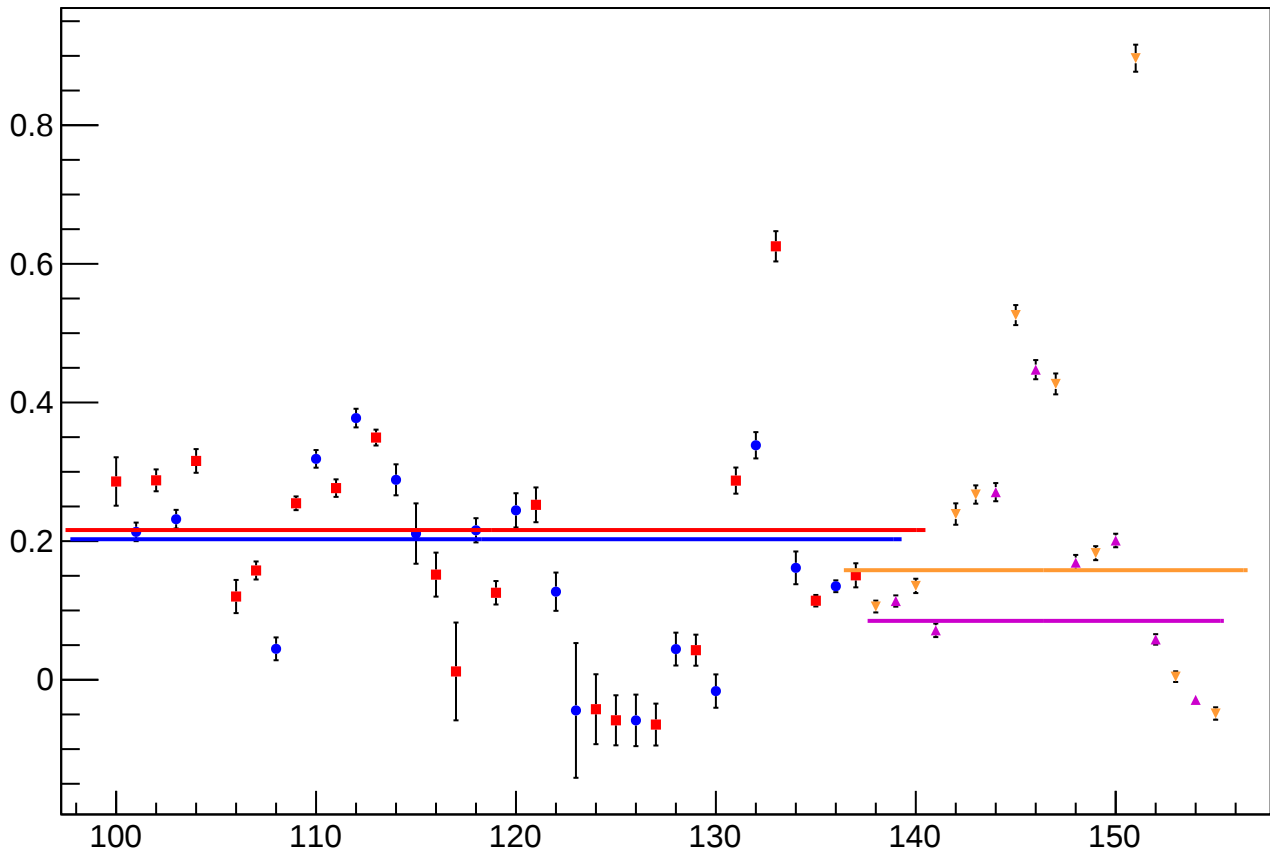
Right Out: -1.623 ± 0.066 $\chi^2/\text{NDF}: 1490.8/19$

Left In: -1.454 ± 0.067 $\chi^2/\text{NDF}: 1108.8/7$

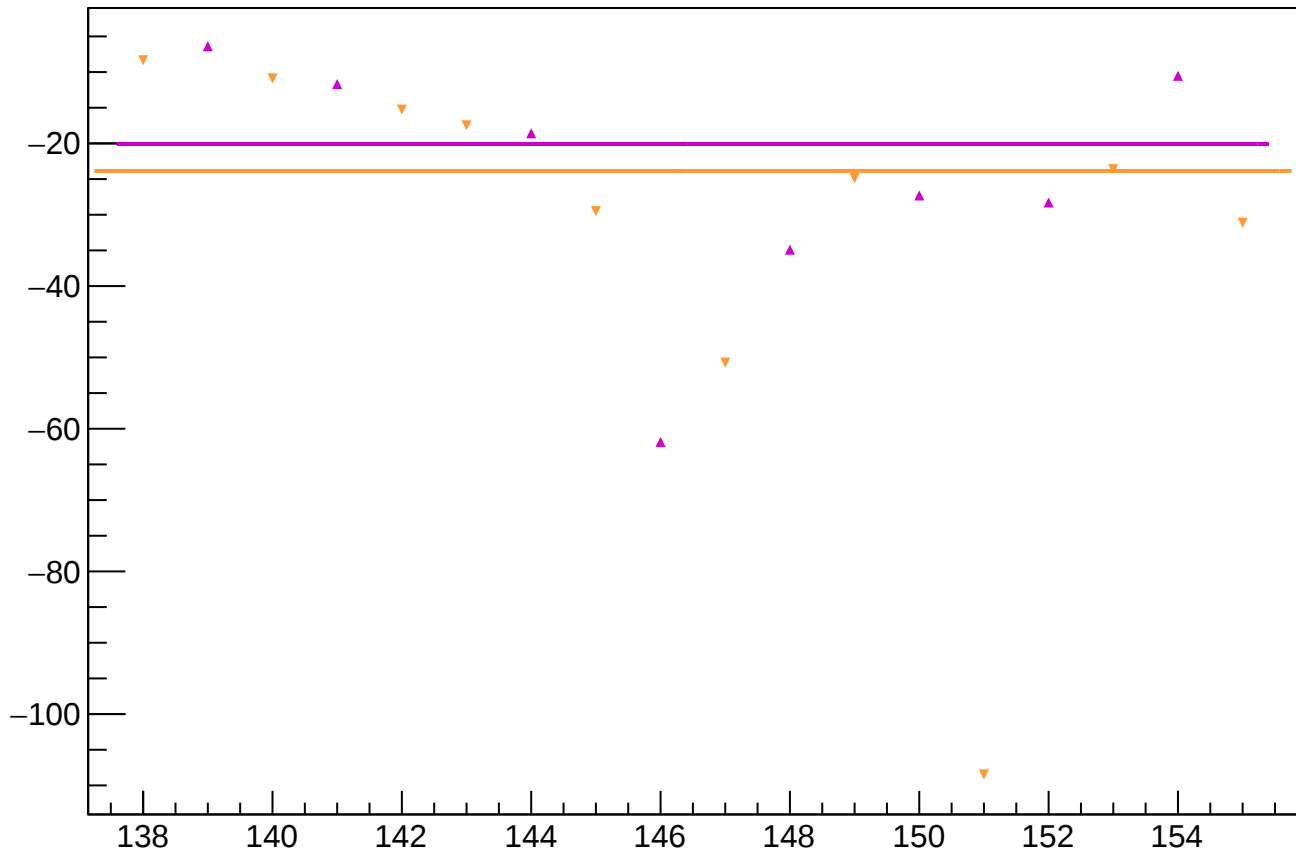
-1.726 ± 0.052 $\chi^2/\text{NDF}: 2963.2/26$

-1.540 ± 0.047 $\chi^2/\text{NDF}: 2602.8/27$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.859+/-0.087 χ^2/NDF :49569.2/9

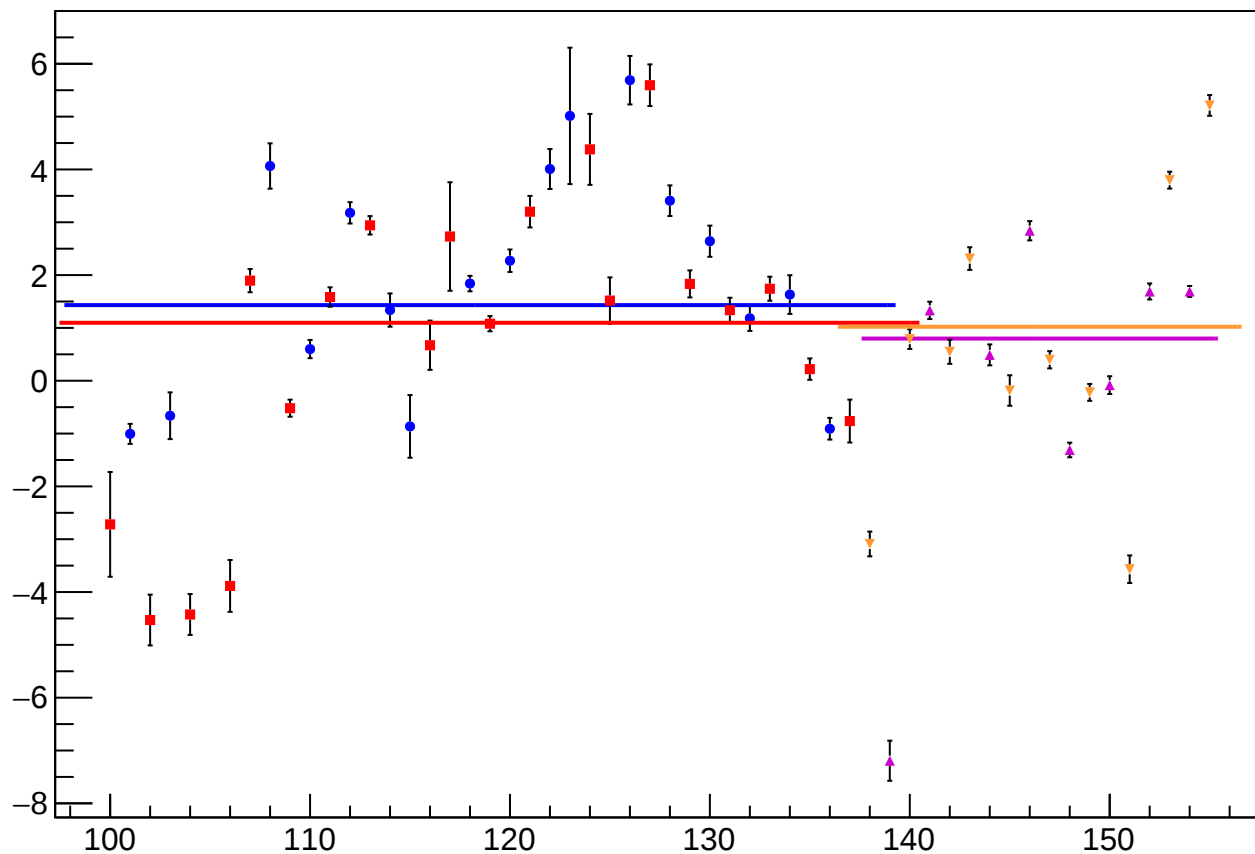
-23.859+/-0.087 χ^2/NDF : 49569.2/9

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

Left In: -20.086+/-0.080 χ^2/NDF :32488.0/7

-20.086+/-0.080 χ^2/NDF : 32488.0/7

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.432 ± 0.062 χ^2/NDF : 696.6/16

Left Out: 1.022 ± 0.062 χ^2/NDF : 1508.1/9

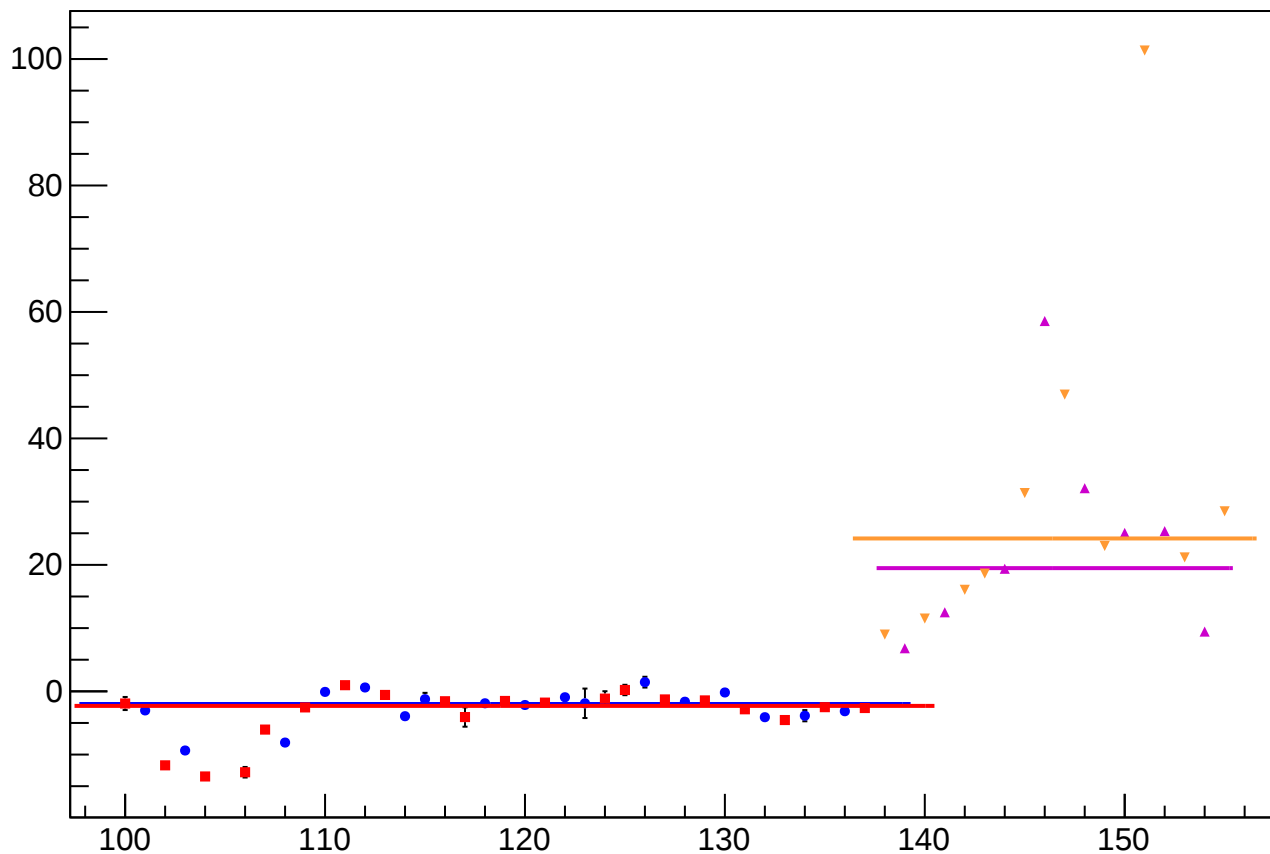
Right Out: 1.098 ± 0.058 χ^2/NDF : 955.7/19

Left In: 0.799 ± 0.055 χ^2/NDF : 949.7/7

1.230 ± 0.044 χ^2/NDF : 2226.4/26

0.942 ± 0.040 χ^2/NDF : 1919.3/27

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -2.005 ± 0.111 $\chi^2/\text{NDF}: 463.1/16$

Left Out: 24.177 ± 0.087 $\chi^2/\text{NDF}: 43825.9/9$

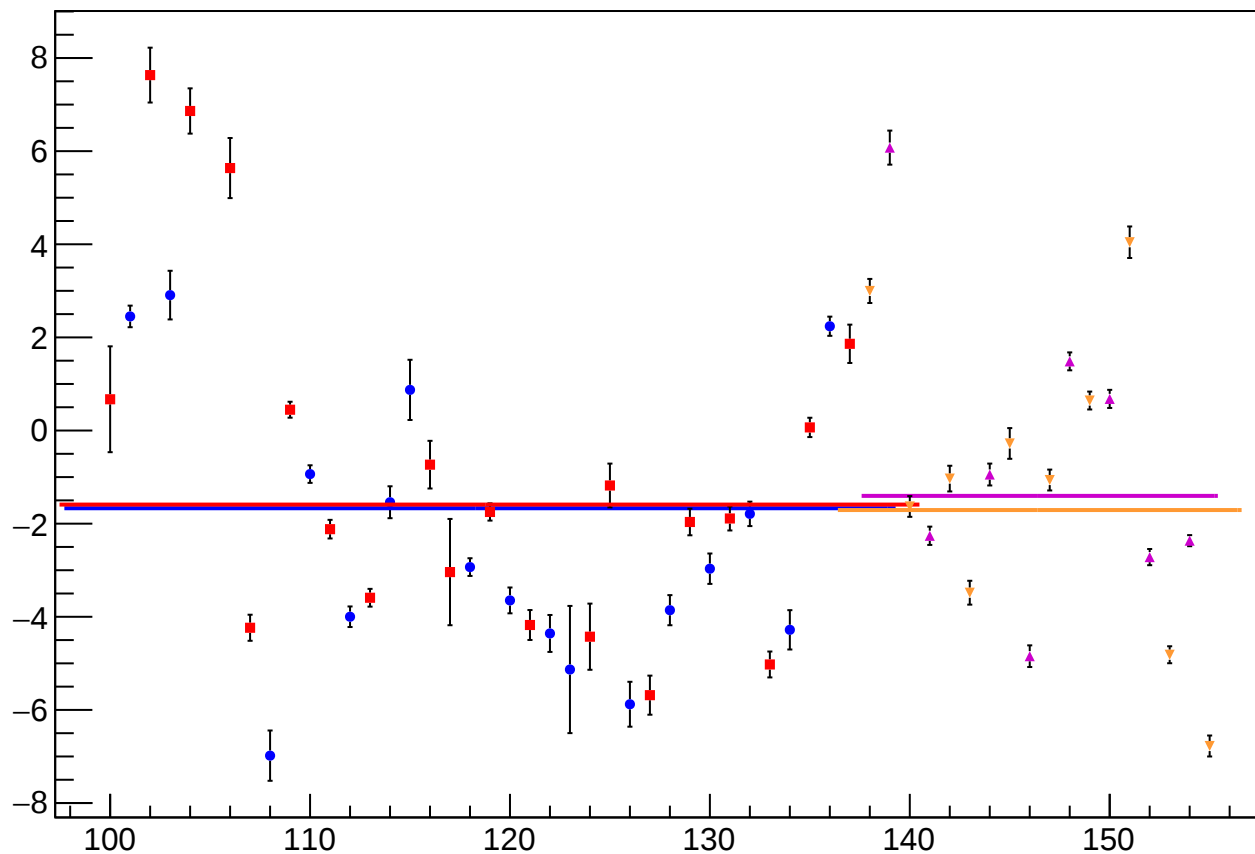
Right Out: -2.302 ± 0.098 $\chi^2/\text{NDF}: 908.6/19$

Left In: 19.485 ± 0.078 $\chi^2/\text{NDF}: 29843.0/7$

14.149 ± 0.069 $\chi^2/\text{NDF}: 78791.0/26$

11.069 ± 0.061 $\chi^2/\text{NDF}: 60927.8/27$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.669 ± 0.071 $\chi^2/\text{NDF}: 1314.9/16$

Left Out: -1.708 ± 0.075 $\chi^2/\text{NDF}: 1647.9/9$

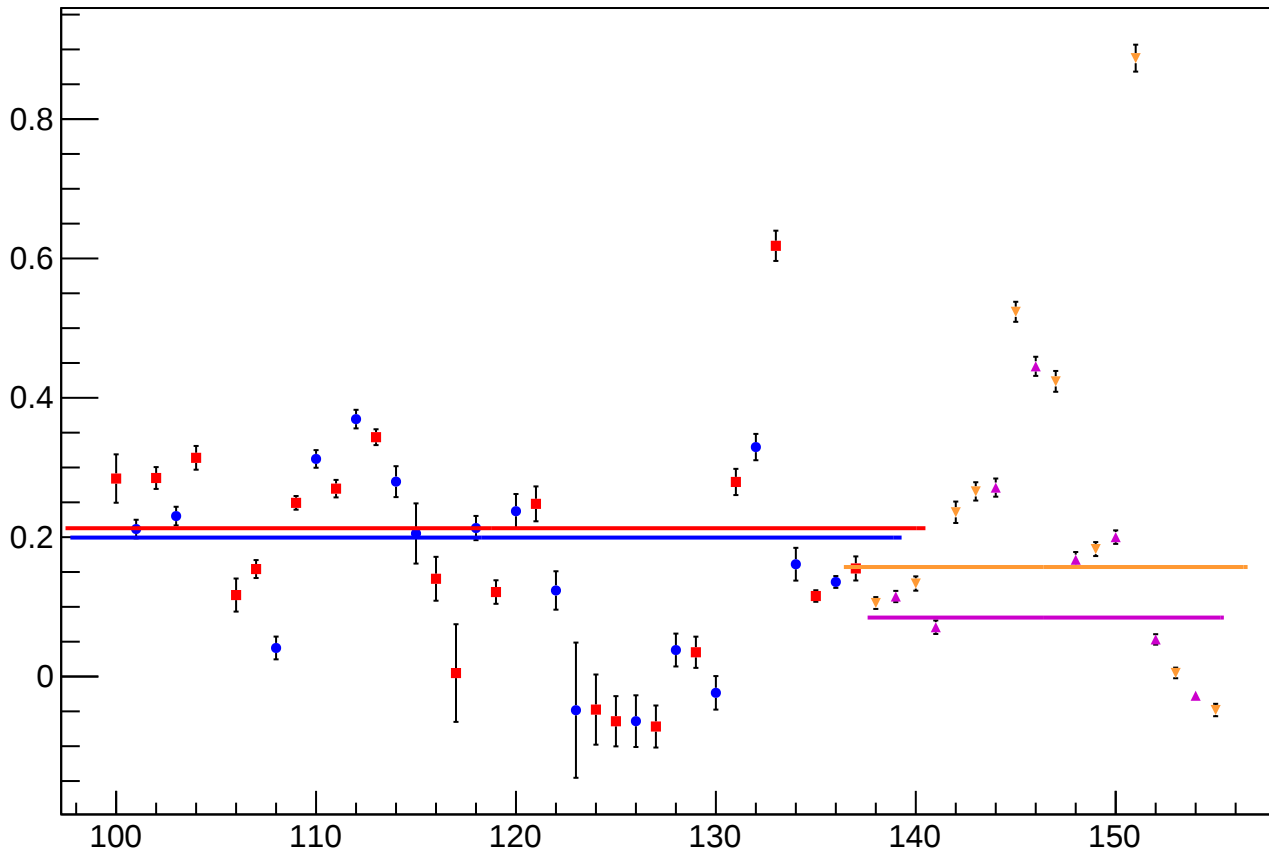
Right Out: -1.590 ± 0.065 $\chi^2/\text{NDF}: 1496.3/19$

Left In: -1.403 ± 0.066 $\chi^2/\text{NDF}: 1123.2/7$

-1.687 ± 0.051 $\chi^2/\text{NDF}: 2963.0/26$

-1.498 ± 0.047 $\chi^2/\text{NDF}: 2623.6/27$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.199 $\pm$ 0.004 χ^2/NDF : 662.1/16

Left Out: 0.157 $\pm$ 0.003 χ^2/NDF : 3462.3/9

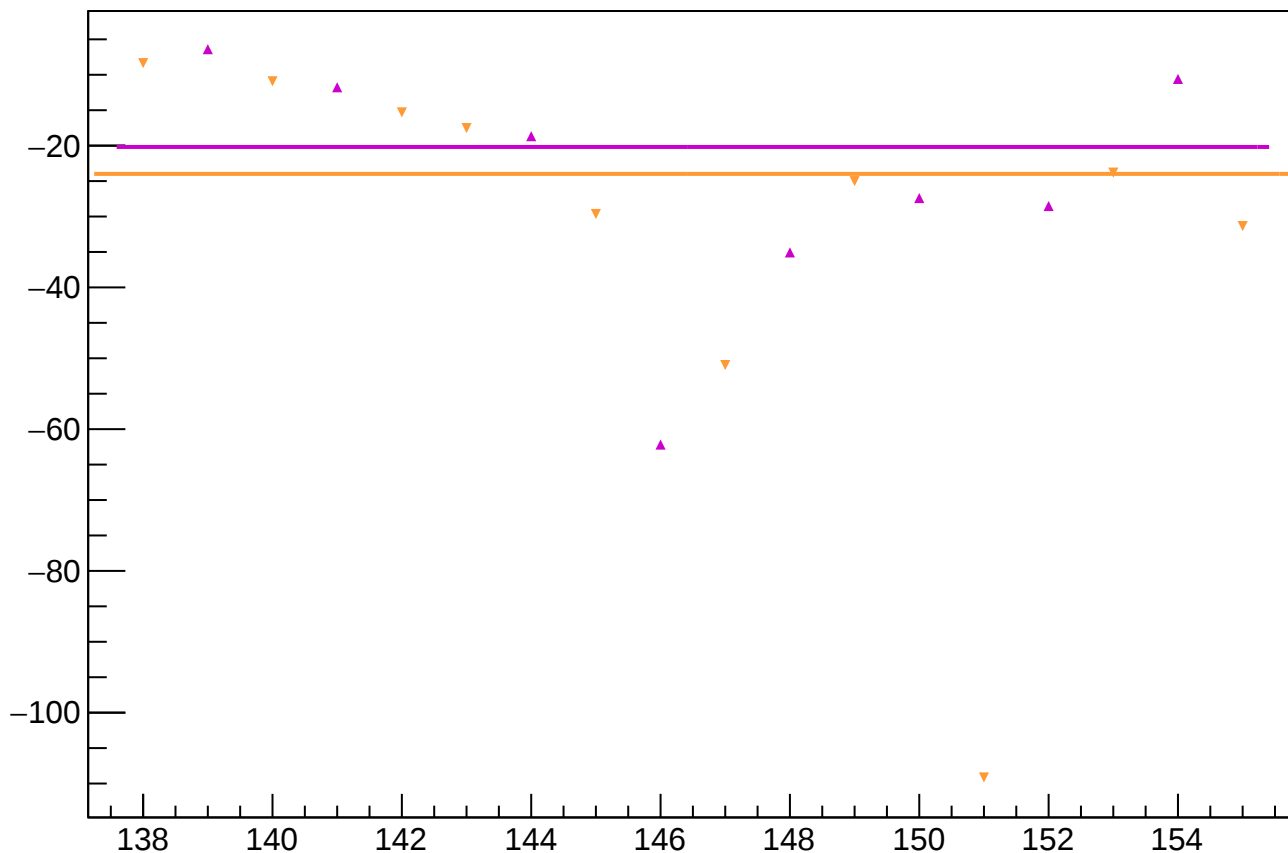
Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1057.0/19

Left In: 0.085 $\pm$ 0.003 χ^2/NDF : 1651.4/7

0.174 $\pm$ 0.003 χ^2/NDF : 4186.3/26

0.135 $\pm$ 0.002 χ^2/NDF : 3450.1/27

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.982+/-0.088 χ^2/NDF : 49685.9/9

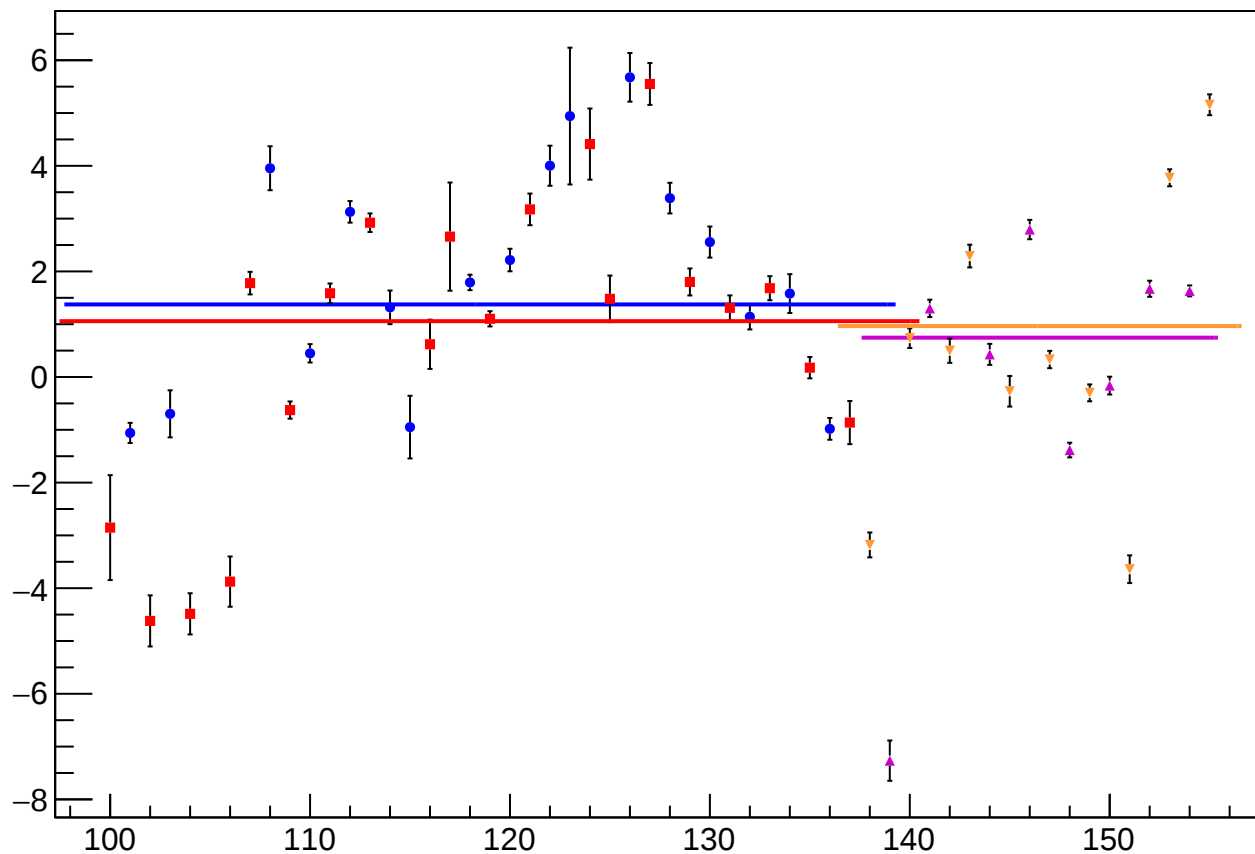
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.185+/-0.080 χ^2/NDF : 32562.3/7

-23.982+/-0.088 χ^2/NDF : 49685.9/9

-20.185+/-0.080 χ^2/NDF : 32562.3/7

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: 0.965 $\pm$ 0.063 χ^2/NDF :1513.2/9

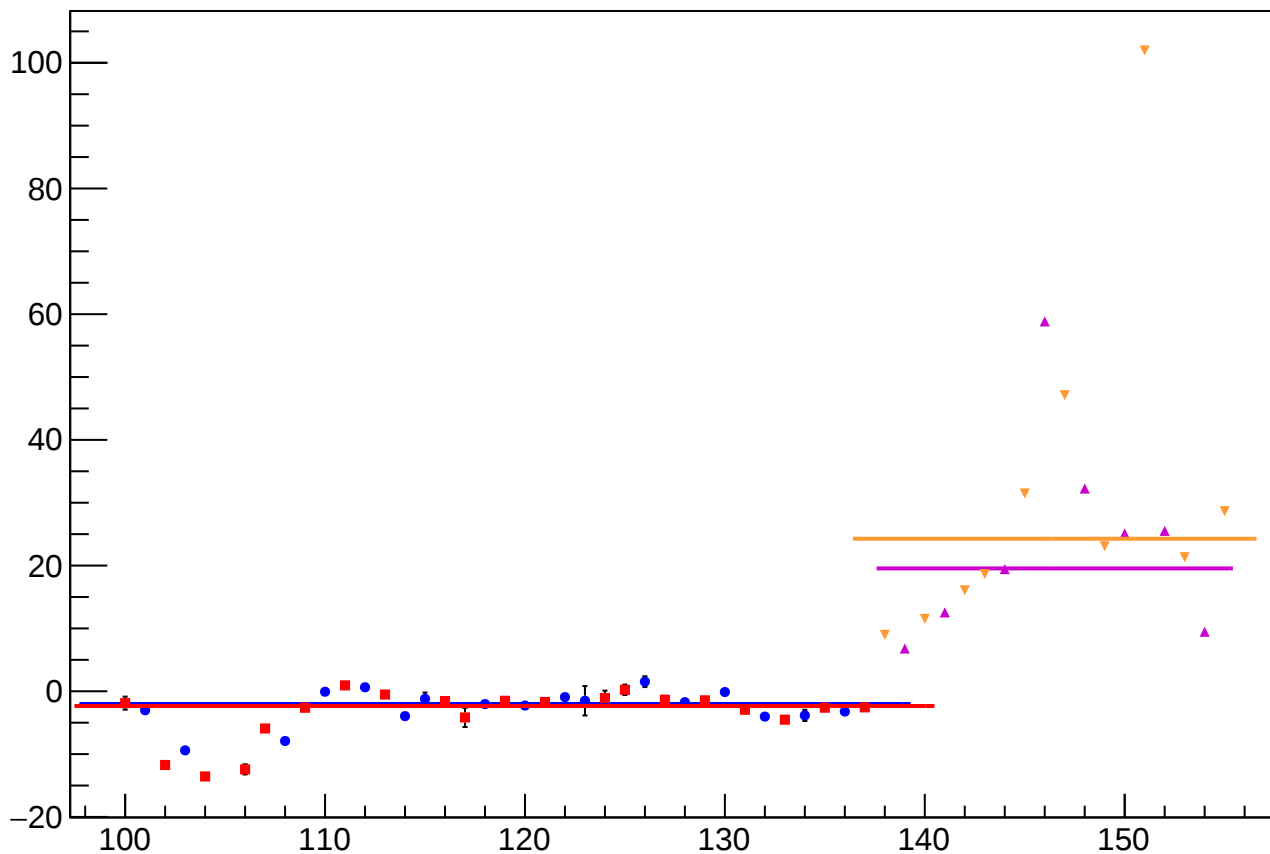
Right Out: 1.058 $\pm$ 0.058 χ^2/NDF : 966.5/19

Left In: 0.745 $\pm$ 0.056 χ^2/NDF :953.1/7

1.172 $\pm$ 0.044 χ^2/NDF : 2237.3/26

0.895 $\pm$ 0.040 χ^2/NDF : 1934.7/27

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.031 ± 0.111 $\chi^2/\text{NDF}: 463.2/16$

Left Out: 24.270 ± 0.088 $\chi^2/\text{NDF}: 43924.6/9$

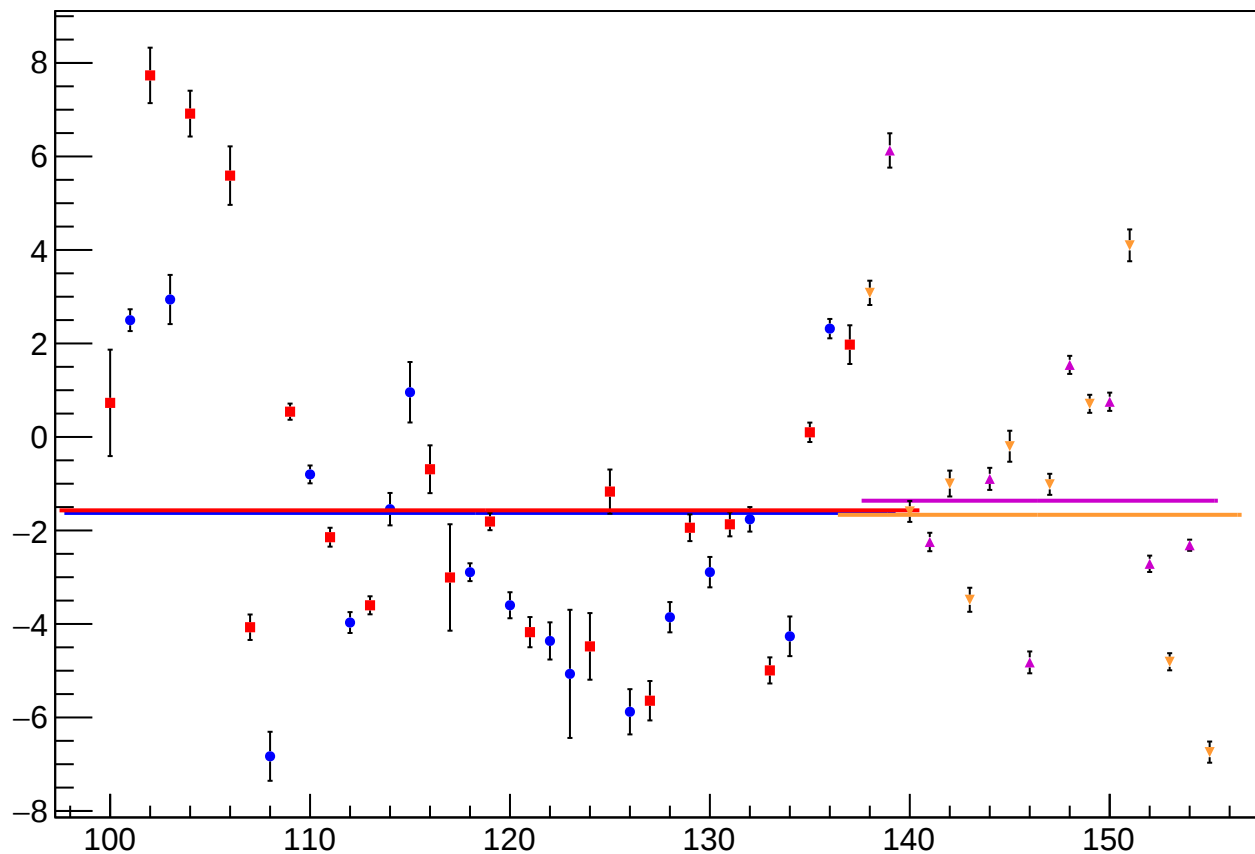
Right Out: -2.344 ± 0.099 $\chi^2/\text{NDF}: 903.4/19$

Left In: 19.544 ± 0.078 $\chi^2/\text{NDF}: 29920.9/7$

14.207 ± 0.069 $\chi^2/\text{NDF}: 78861.0/26$

11.099 ± 0.061 $\chi^2/\text{NDF}: 61009.1/27$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.625 ± 0.071 χ^2/NDF : 1320.8/16

Left Out: -1.665 ± 0.075 χ^2/NDF : 1654.1/9

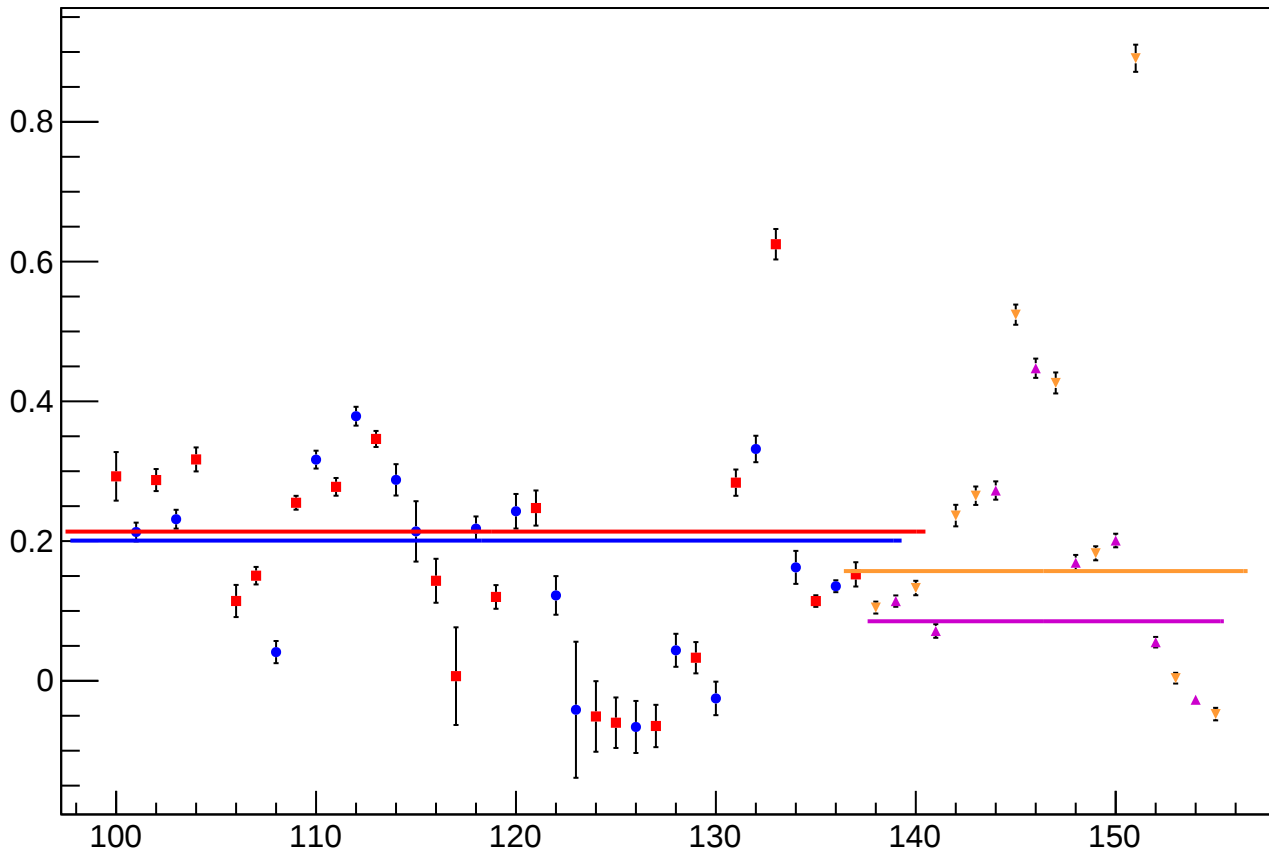
Right Out: -1.570 ± 0.065 χ^2/NDF : 1507.4/19

Left In: -1.363 ± 0.067 χ^2/NDF : 1126.1/7

-1.644 ± 0.052 χ^2/NDF : 2975.0/26

-1.468 ± 0.047 χ^2/NDF : 2638.4/27

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 χ^2 /NDF: 690.6/16

Left Out: 0.157 $\pm$ 0.003 χ^2 /NDF:3455.1/9

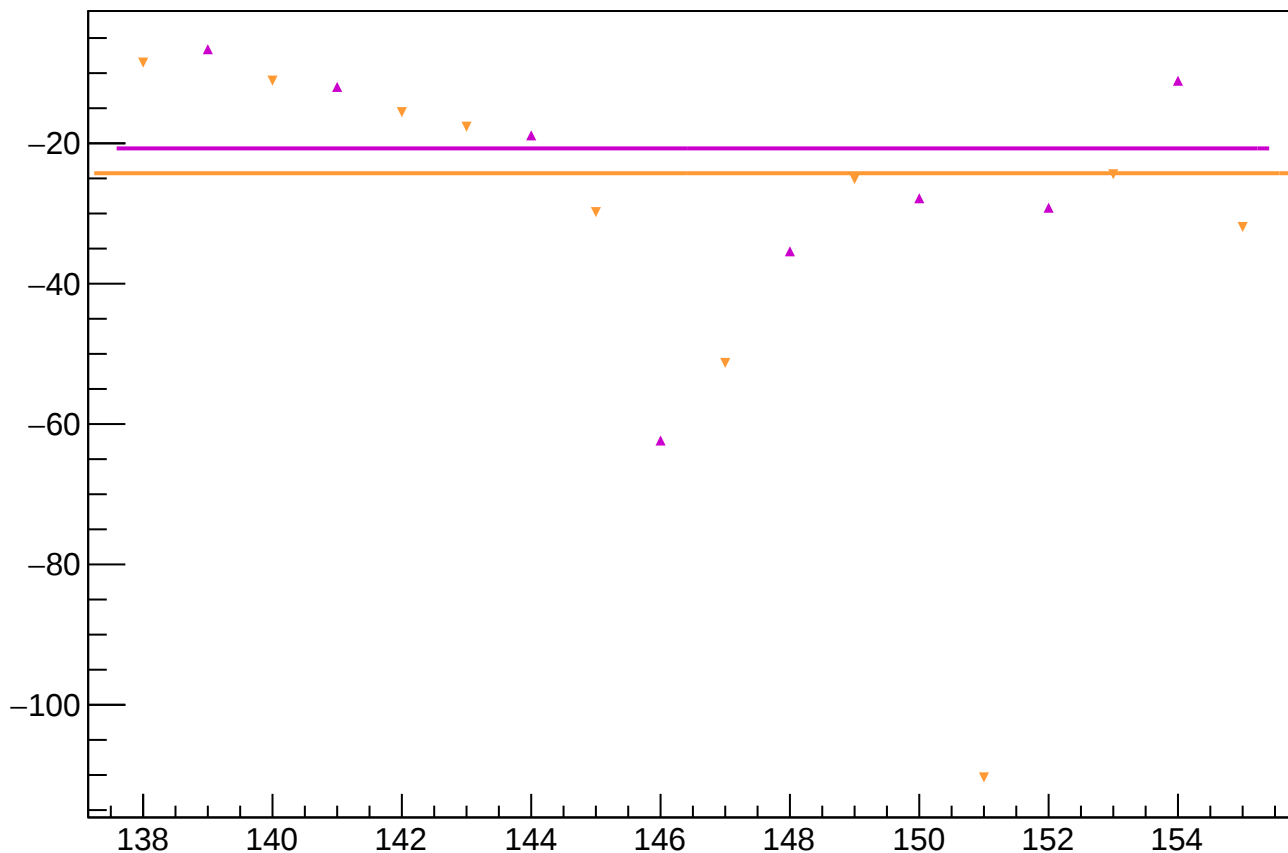
Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1089.2/19

Left In: 0.085 $\pm$ 0.003 χ^2 /NDF:1646.0/7

0.175 $\pm$ 0.003 χ^2 /NDF: 4211.3/26

0.136 $\pm$ 0.002 χ^2 /NDF: 3474.4/27

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -24.262+/-0.089 χ^2/NDF : 49612.7/9

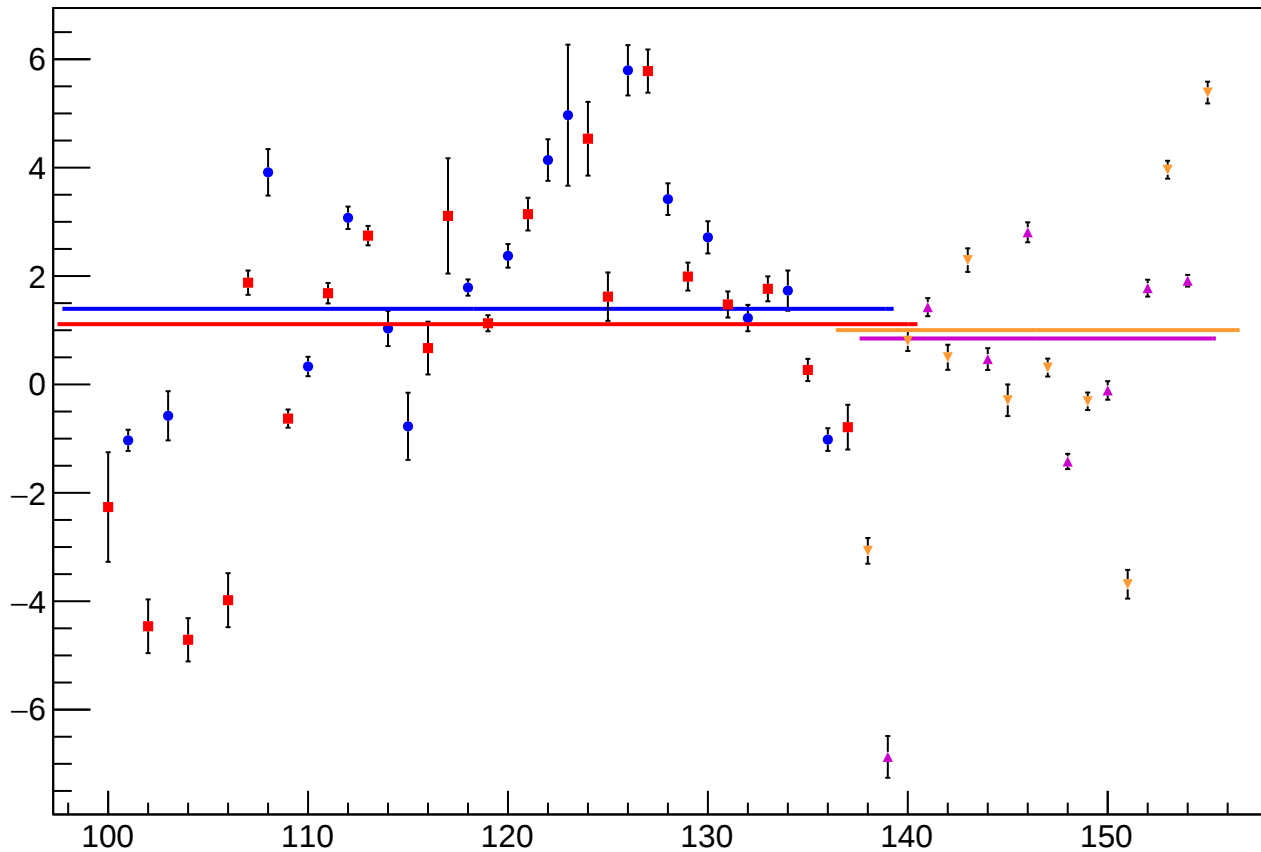
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.724+/-0.082 χ^2/NDF : 31739.8/7

-24.262+/-0.089 χ^2/NDF : 49612.7/9

-20.724+/-0.082 χ^2/NDF : 31739.8/7

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.395 ± 0.063 χ^2/NDF : 701.4/16

Left Out: 1.003 ± 0.063 χ^2/NDF : 1549.2/9

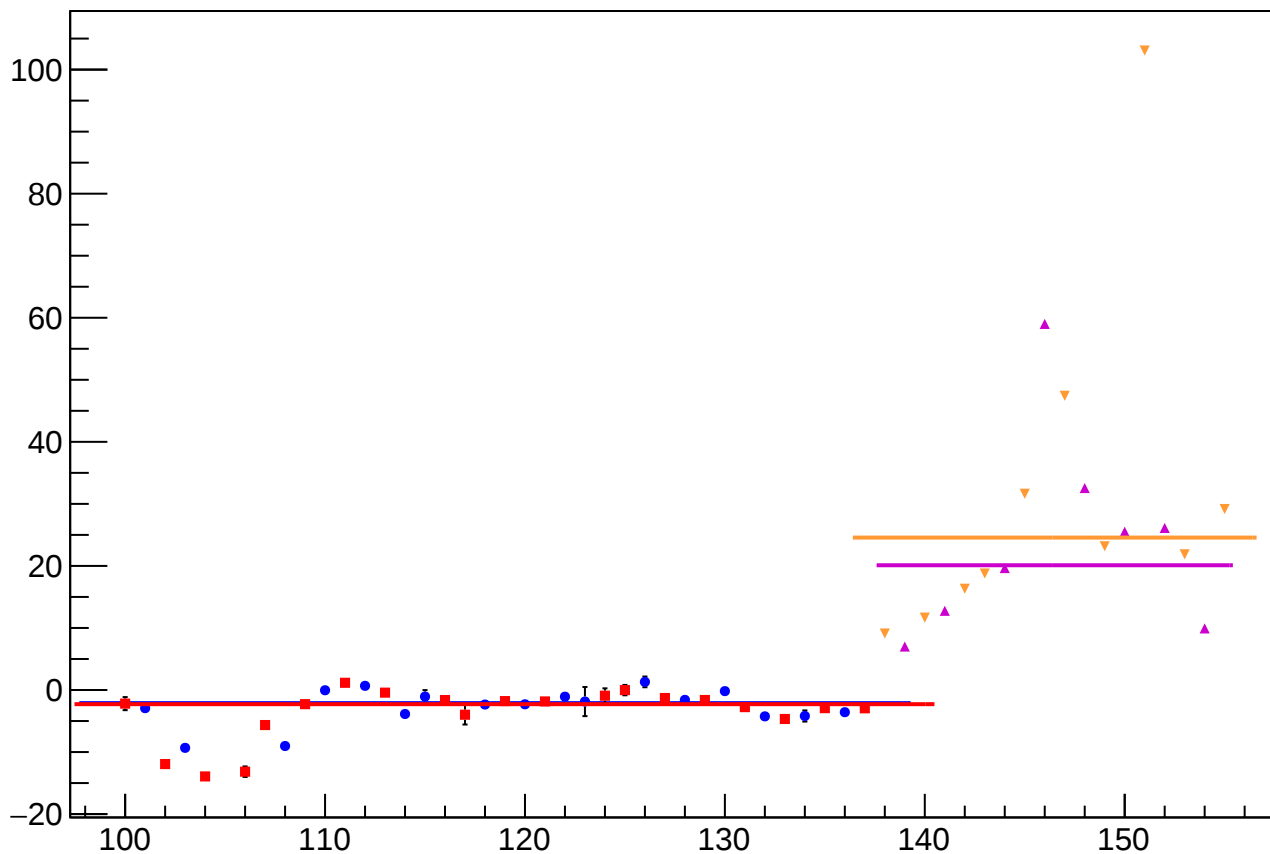
Right Out: 1.112 ± 0.059 χ^2/NDF : 940.5/19

Left In: 0.848 ± 0.057 χ^2/NDF : 954.3/7

1.200 ± 0.045 χ^2/NDF : 2269.9/26

0.975 ± 0.041 χ^2/NDF : 1905.1/27

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.119 ± 0.113 $\chi^2/\text{NDF}: 486.3/16$

Left Out: 24.568 ± 0.089 $\chi^2/\text{NDF}: 43817.7/9$

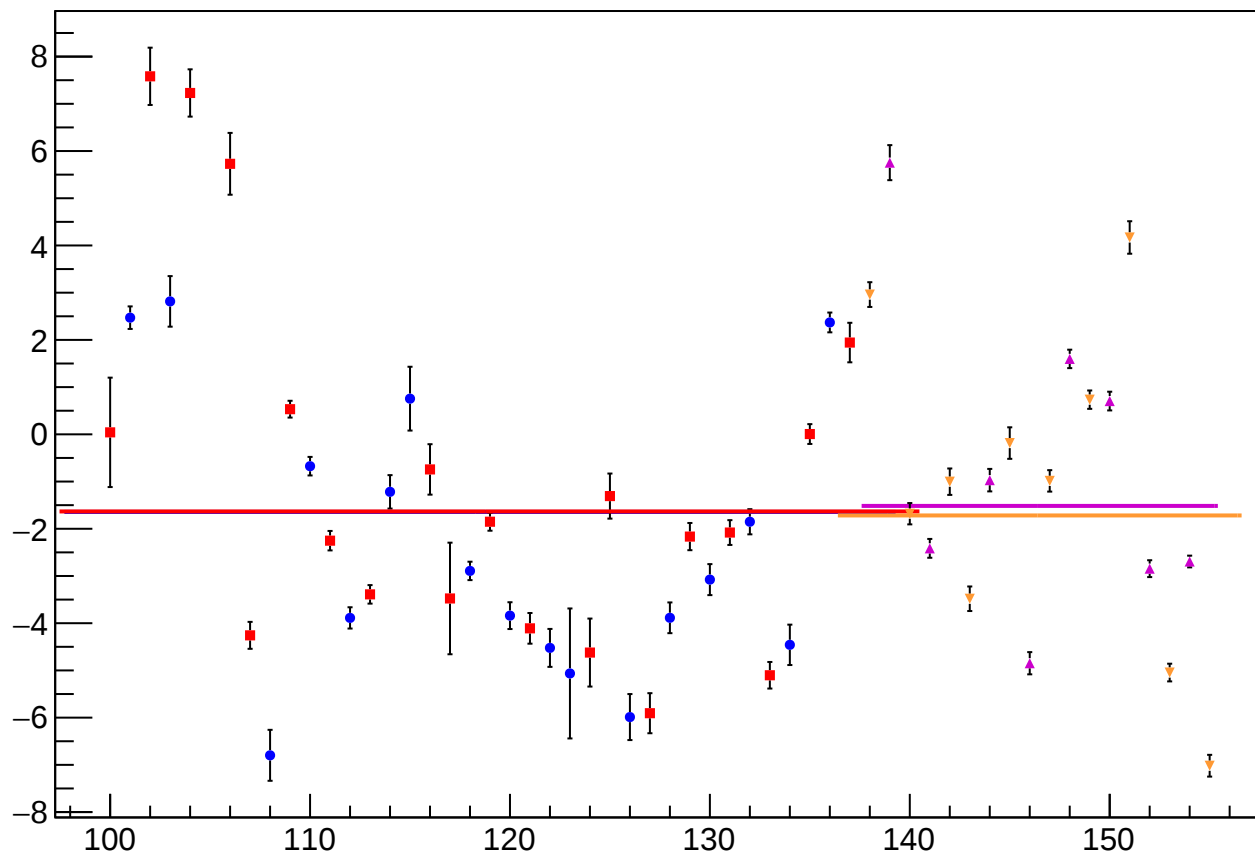
Right Out: -2.284 ± 0.101 $\chi^2/\text{NDF}: 920.6/19$

Left In: 20.108 ± 0.080 $\chi^2/\text{NDF}: 29006.4/7$

14.424 ± 0.070 $\chi^2/\text{NDF}: 78696.1/26$

11.461 ± 0.063 $\chi^2/\text{NDF}: 60198.6/27$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.643 ± 0.072 χ^2/NDF : 1310.1/16

Left Out: -1.718 ± 0.076 χ^2/NDF : 1698.0/9

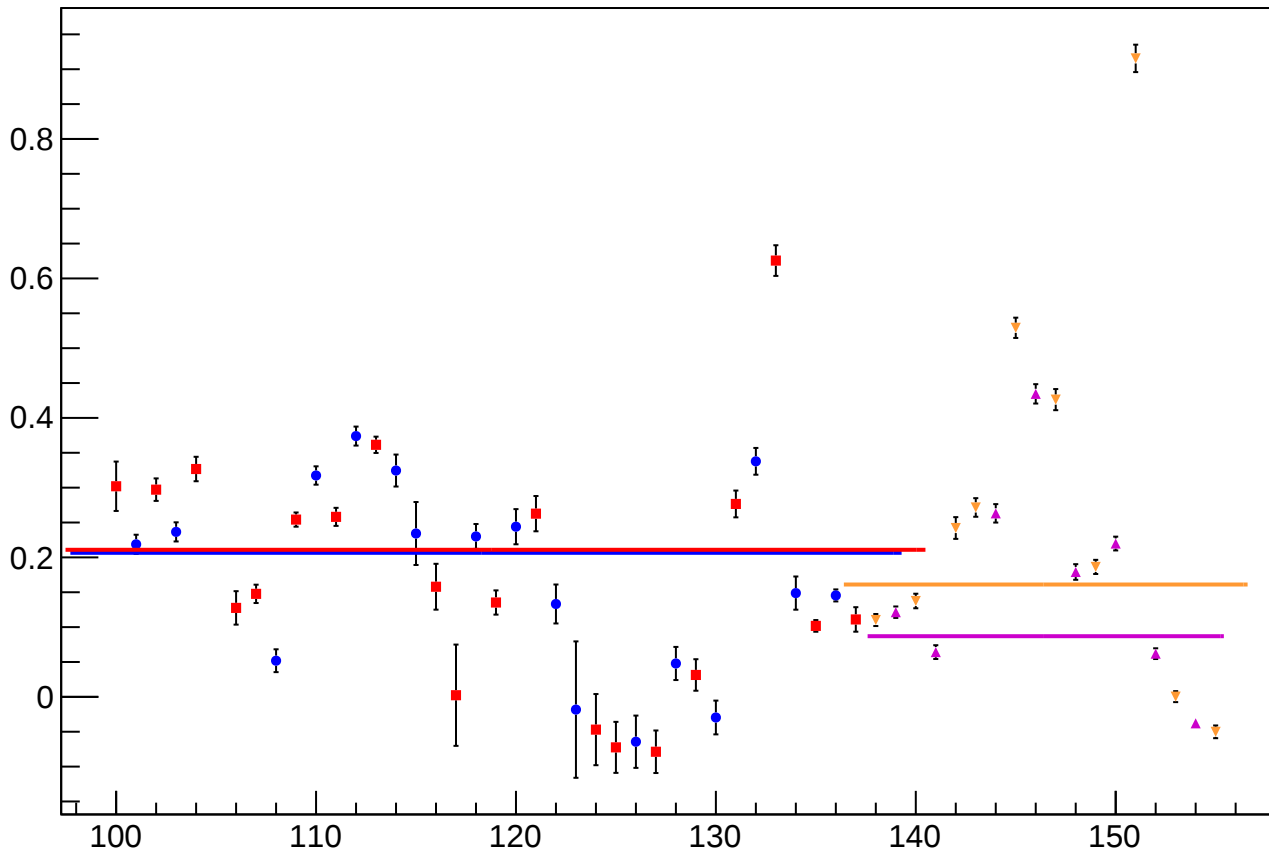
Right Out: -1.633 ± 0.067 χ^2/NDF : 1470.6/19

Left In: -1.516 ± 0.068 χ^2/NDF : 1134.7/7

-1.679 ± 0.052 χ^2/NDF : 3008.6/26

-1.576 ± 0.048 χ^2/NDF : 2606.8/27

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.004 χ^2/NDF : 655.0/16

Left Out: 0.161+/-0.003 χ^2/NDF : 3515.3/9

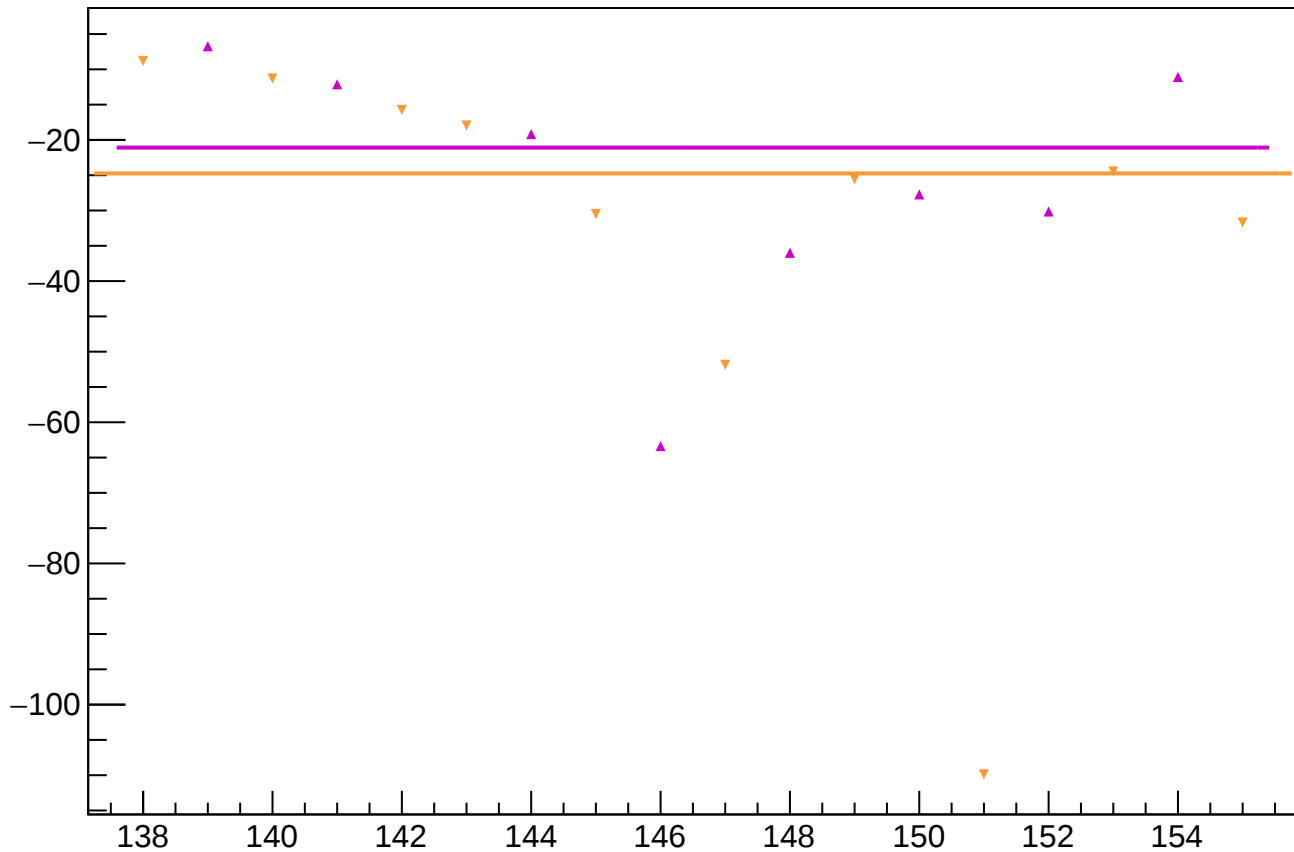
Right Out: 0.211+/-0.004 χ^2/NDF : 1153.8/19

Left In: 0.087+/-0.003 χ^2/NDF : 1681.3/7

0.180+/-0.003 χ^2/NDF : 4239.2/26

0.136+/-0.002 χ^2/NDF : 3494.6/27

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -24.740+/-0.090 χ^2/NDF : 48766.4/9

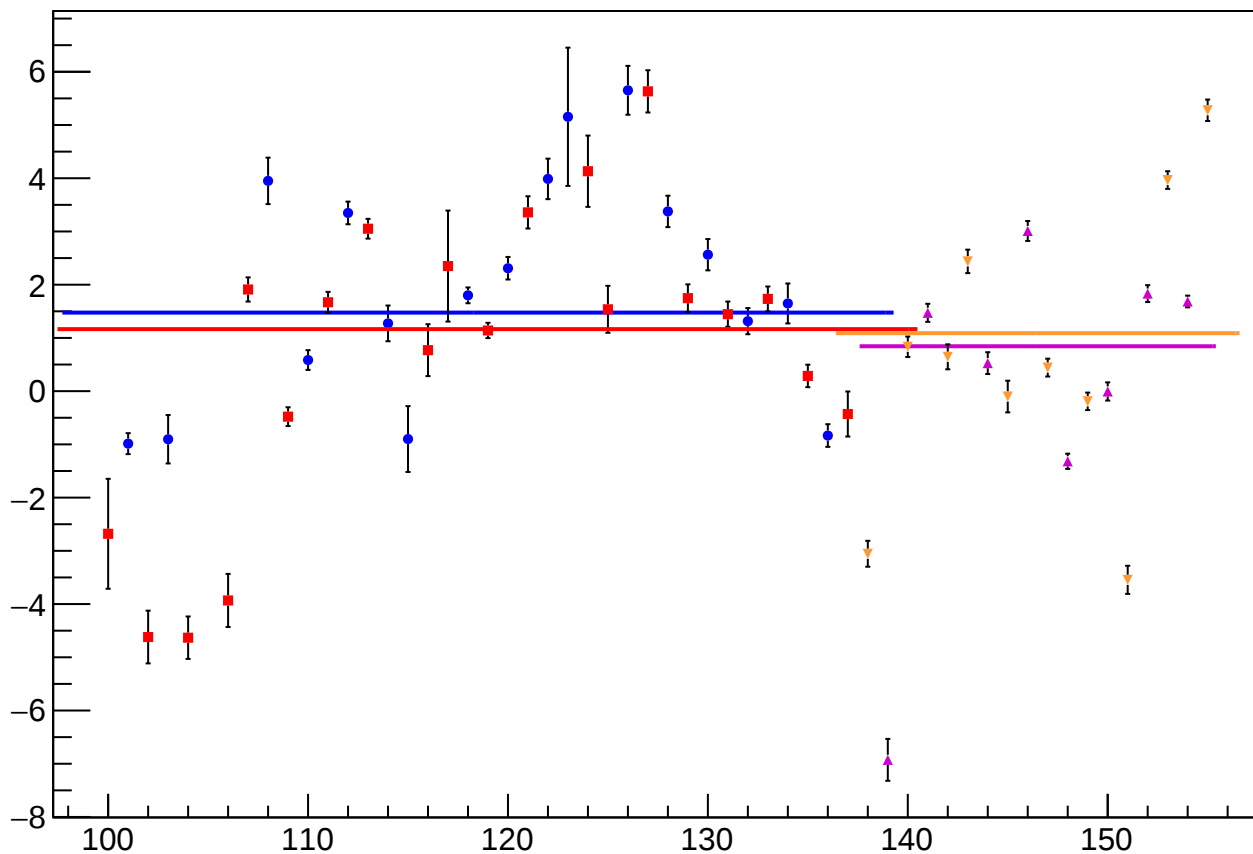
-24.740+/-0.090 χ^2/NDF : 48766.4/9

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

-21.086+/-0.083 χ^2/NDF : 31882.5/7

Left In: -21.086+/-0.083 χ^2/NDF : 31882.5/7

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: 1.089 $\pm$ 0.064 χ^2/NDF : 1464.4/9

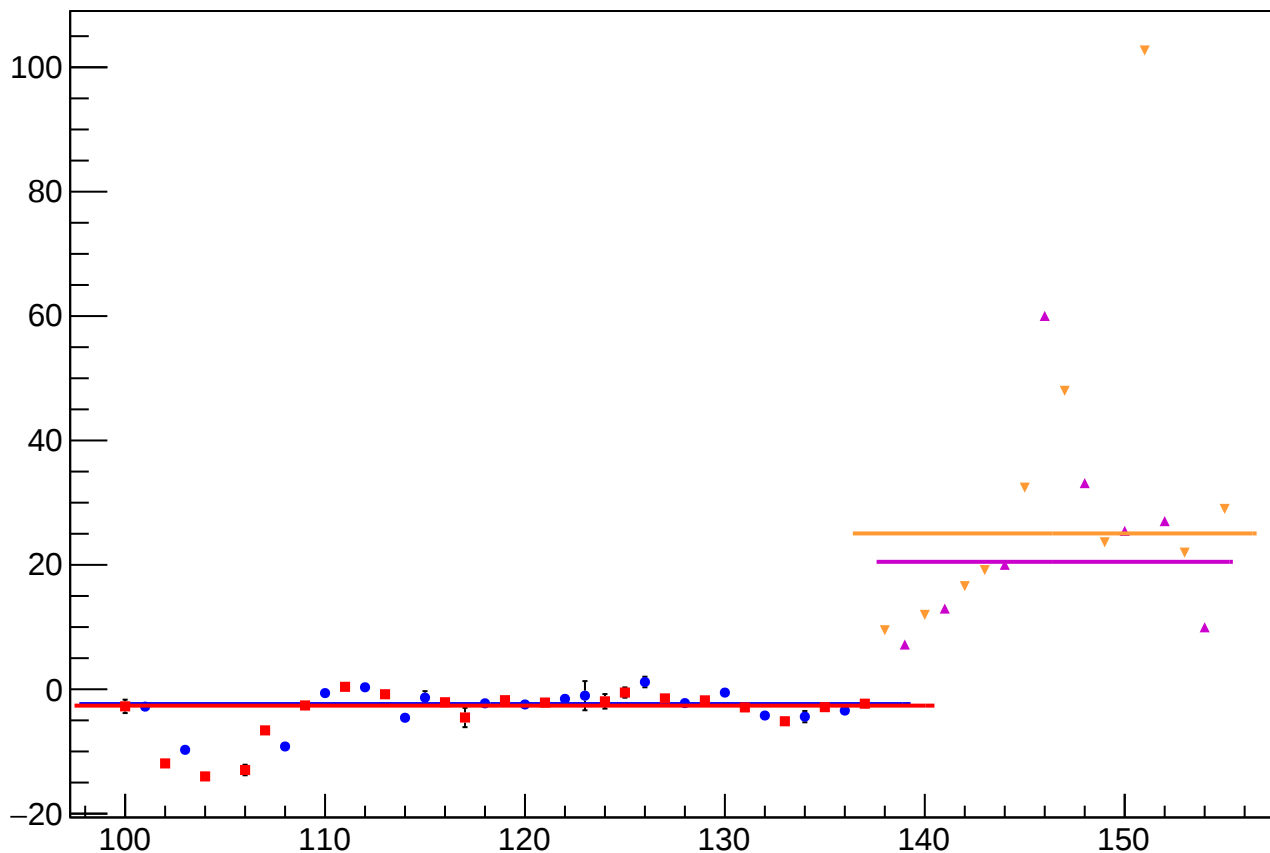
Right Out: 1.165 $\pm$ 0.060 χ^2/NDF : 919.2/19

Left In: 0.843 $\pm$ 0.058 χ^2/NDF : 889.9/7

1.285 $\pm$ 0.045 χ^2/NDF : 2142.3/26

0.999 $\pm$ 0.042 χ^2/NDF : 1824.0/27

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.380 ± 0.115 χ^2/NDF : 438.8/16

Left Out: 25.053 ± 0.090 χ^2/NDF : 43080.5/9

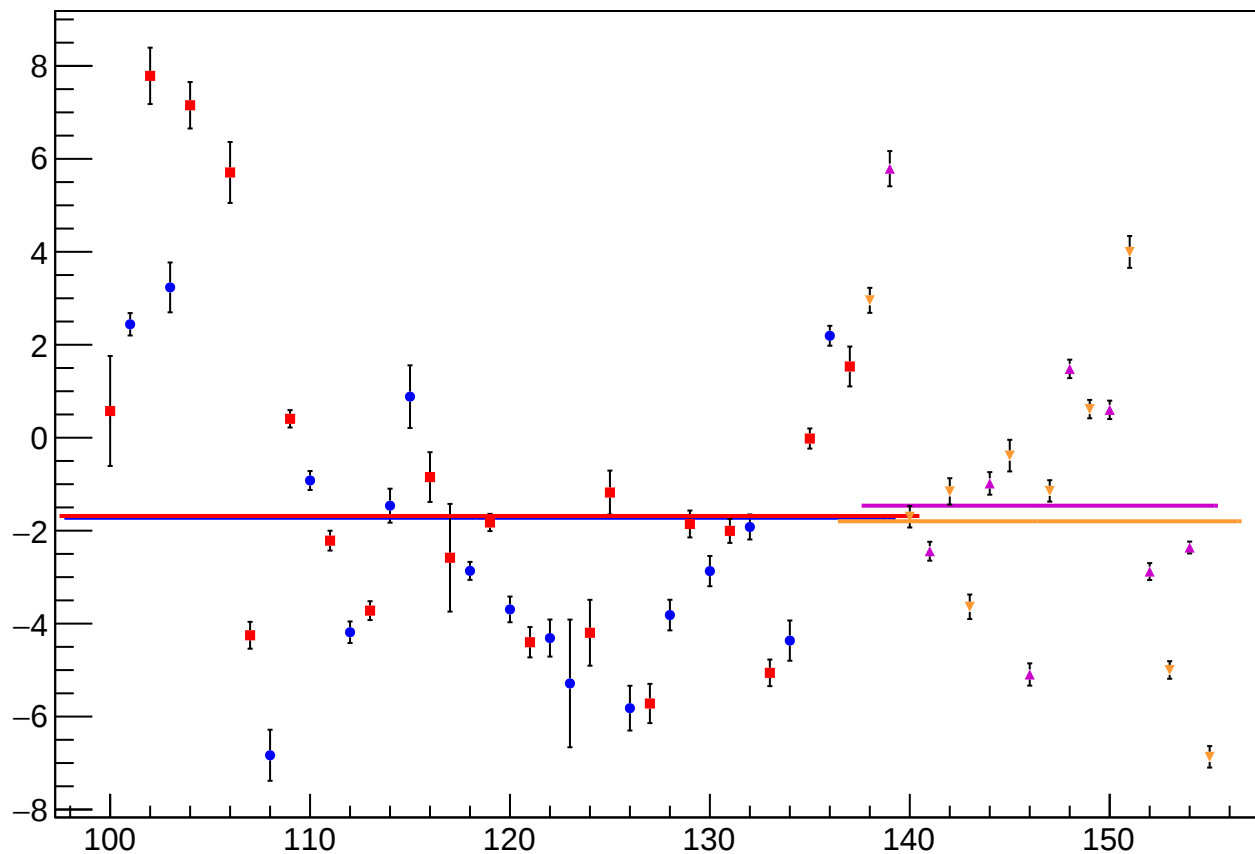
Right Out: -2.631 ± 0.103 χ^2/NDF : 842.8/19

Left In: 20.489 ± 0.081 χ^2/NDF : 29140.0/7

14.630 ± 0.071 χ^2/NDF : 78786.4/26

11.613 ± 0.064 χ^2/NDF : 61007.6/27

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.722 ± 0.073 χ^2/NDF : 1247.6/16

Left Out: -1.798 ± 0.077 χ^2/NDF : 1595.0/9

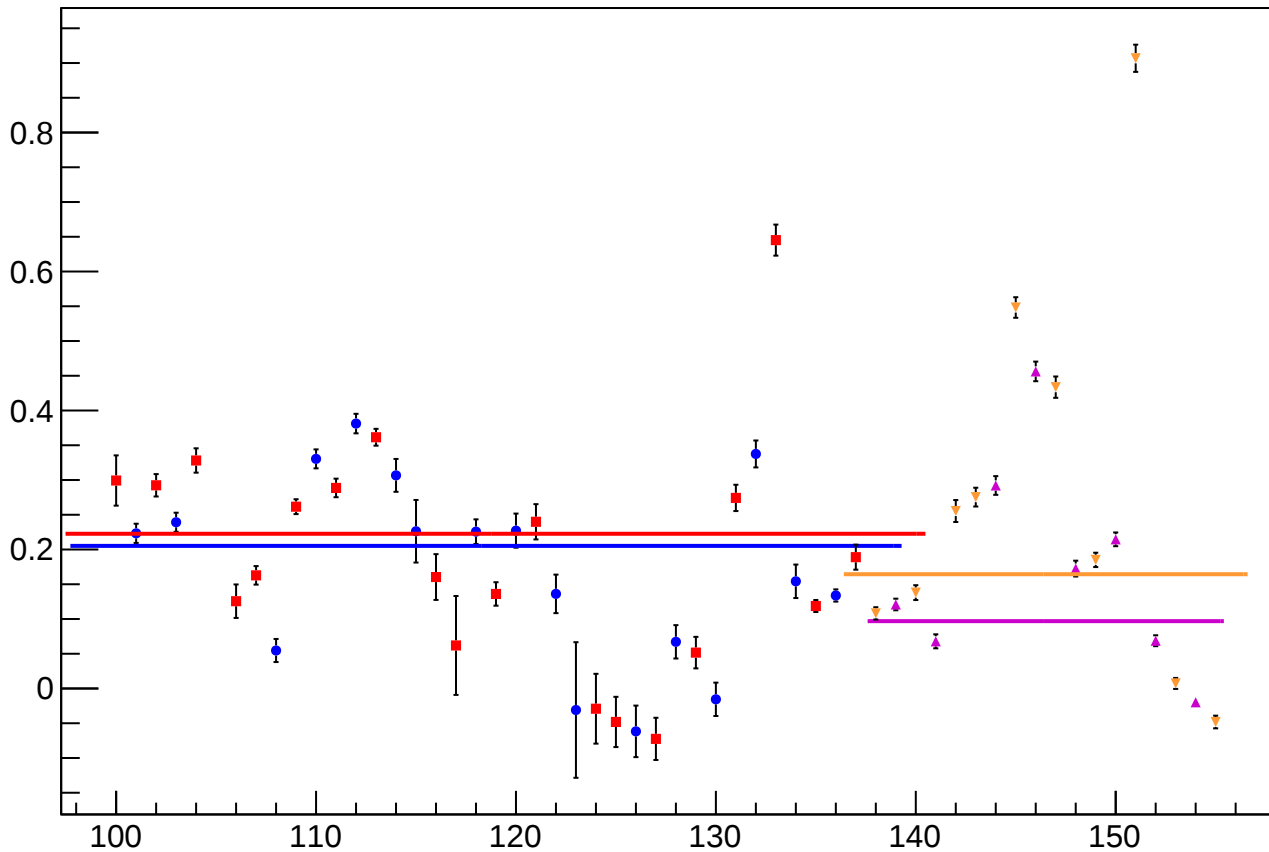
Right Out: -1.684 ± 0.068 χ^2/NDF : 1431.6/19

Left In: -1.462 ± 0.069 χ^2/NDF : 1063.3/7

-1.758 ± 0.053 χ^2/NDF : 2843.1/26

-1.575 ± 0.048 χ^2/NDF : 2500.1/27

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.205+/-0.004 χ^2/NDF : 650.7/16

Left Out: 0.164+/-0.004 χ^2/NDF : 3504.7/9

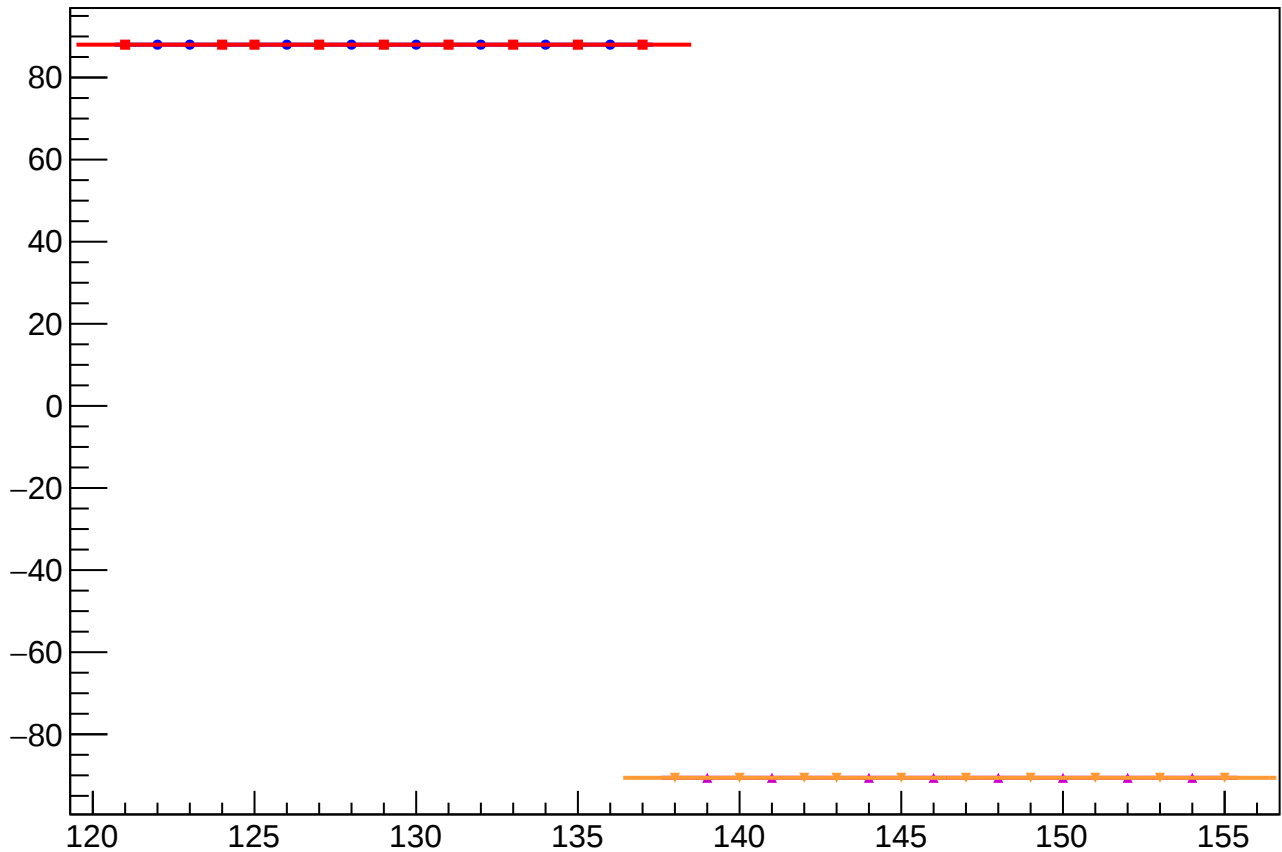
Right Out: 0.223+/-0.004 χ^2/NDF : 1045.6/19

Left In: 0.097+/-0.003 χ^2/NDF : 1573.6/7

0.181+/-0.003 χ^2/NDF : 4209.3/26

0.146+/-0.002 χ^2/NDF : 3272.9/27

VWienAngle_mean vs Slug



Right In: 88.001+/-0.000 χ^2/NDF : 714089.5/7

Left Out: -90.599+/-0.000 χ^2/NDF : 3264495.8/9

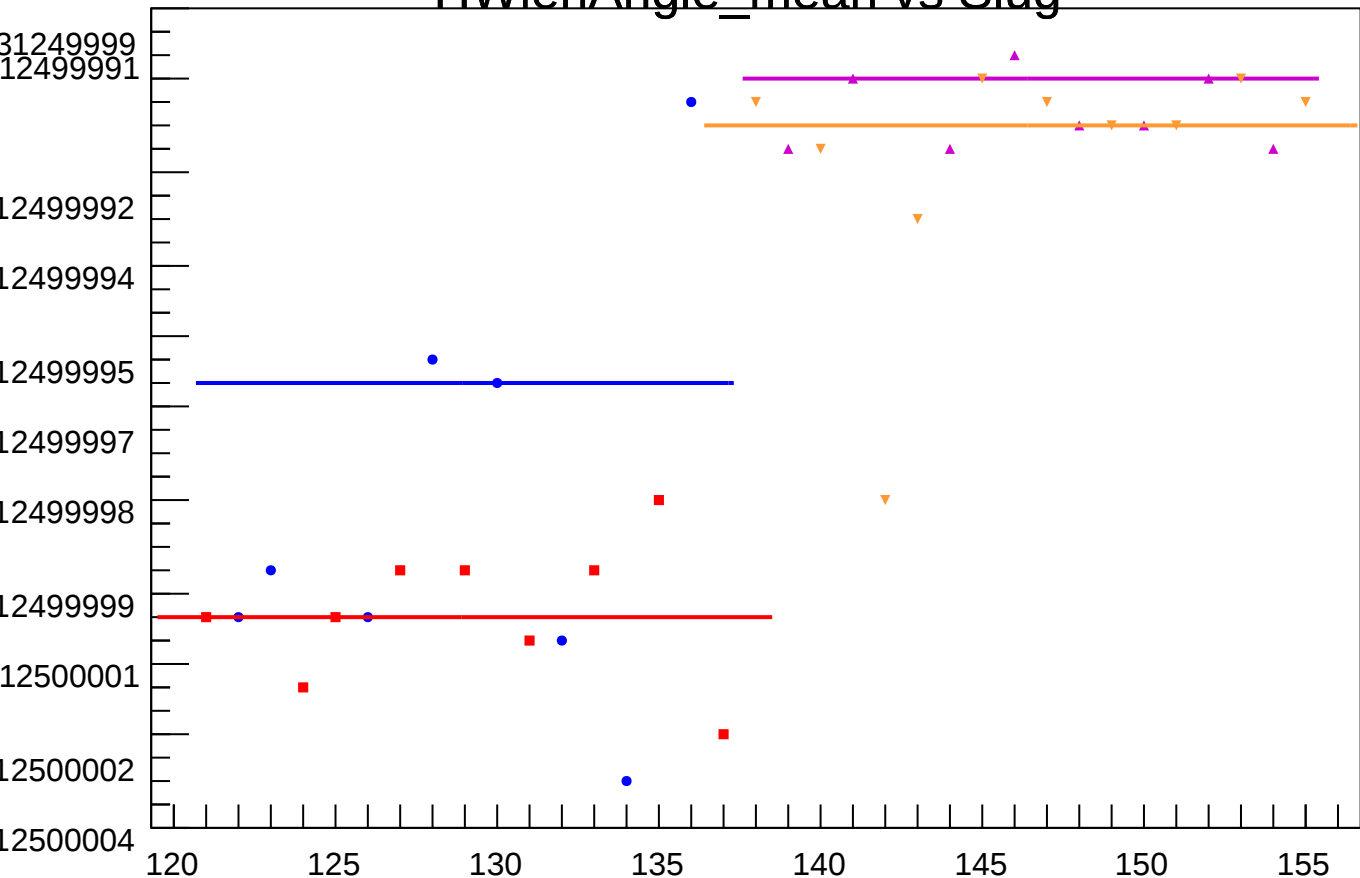
Right Out: 88.001+/-0.000 χ^2/NDF : 109456.0/8

Left In: -90.599+/-0.000 χ^2/NDF : 498408.6/7

-35.071+/-0.000 χ^2/NDF : 75173632350545391

-33.683+/-0.000 χ^2/NDF : 69327236580219659

HWienAngle_mean vs Slug



Right In: -29.641 ± 0.000 $\chi^2/\text{NDF}: 405045.4/7$

Left Out: -29.641 ± 0.000 $\chi^2/\text{NDF}: 174559.1/9$

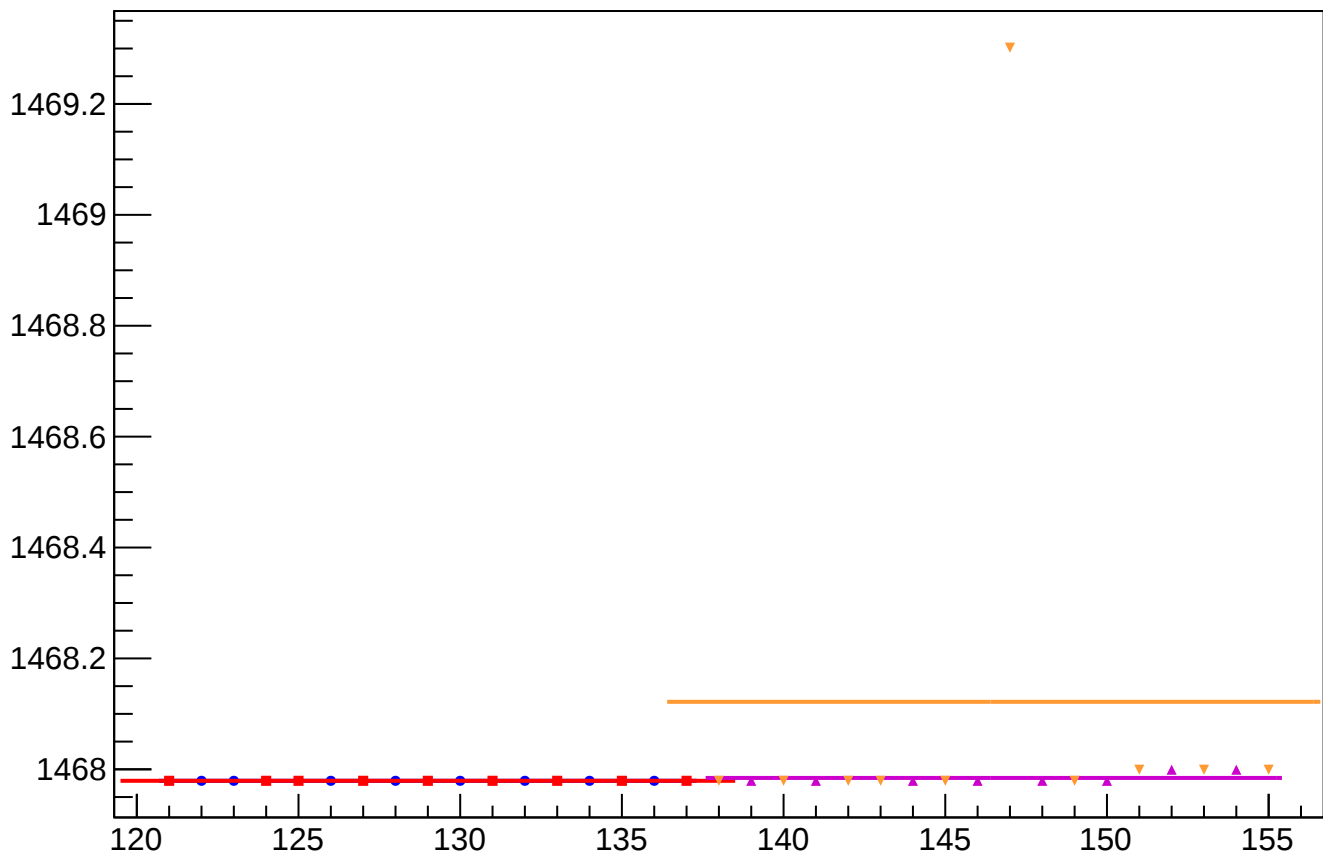
Right Out: -29.641 ± 0.000 $\chi^2/\text{NDF}: 29358.2/8$

Left In: -29.641 ± 0.000 $\chi^2/\text{NDF}: 38509.0/7$

-29.641 ± 0.000 $\chi^2/\text{NDF}: 987136.4/17$

-29.641 ± 0.000 $\chi^2/\text{NDF}: 1314898.6/16$

psub_pl_pos_mean vs Slug



Right In: 1467.979+/-0.000 χ^2 /NDF: 436234375.5/7

Left Out: 1468.122+/-0.000 χ^2 /NDF: 121080860142079532627365115985920.0/9

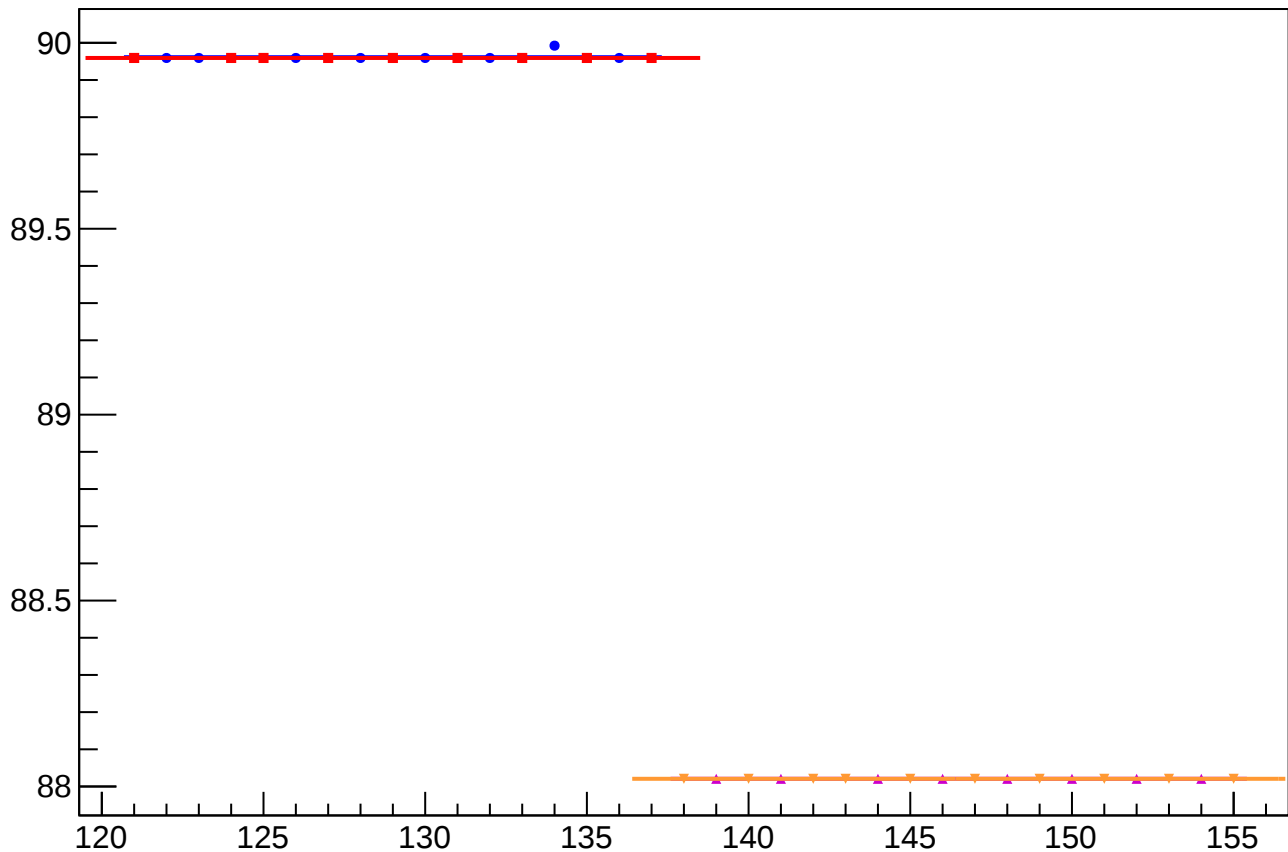
Right Out: 1467.979+/-0.000 χ^2 /NDF: 83183350.3/8

Left In: 1467.984+/-0.000 χ^2 /NDF: 52232258048442224870416187392.0/7

1468.077+/-0.000 χ^2 /NDF: 1258626919929705

1467.983+/-0.000 χ^2 /NDF: 5802197799943219

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 : 2950668.0/9

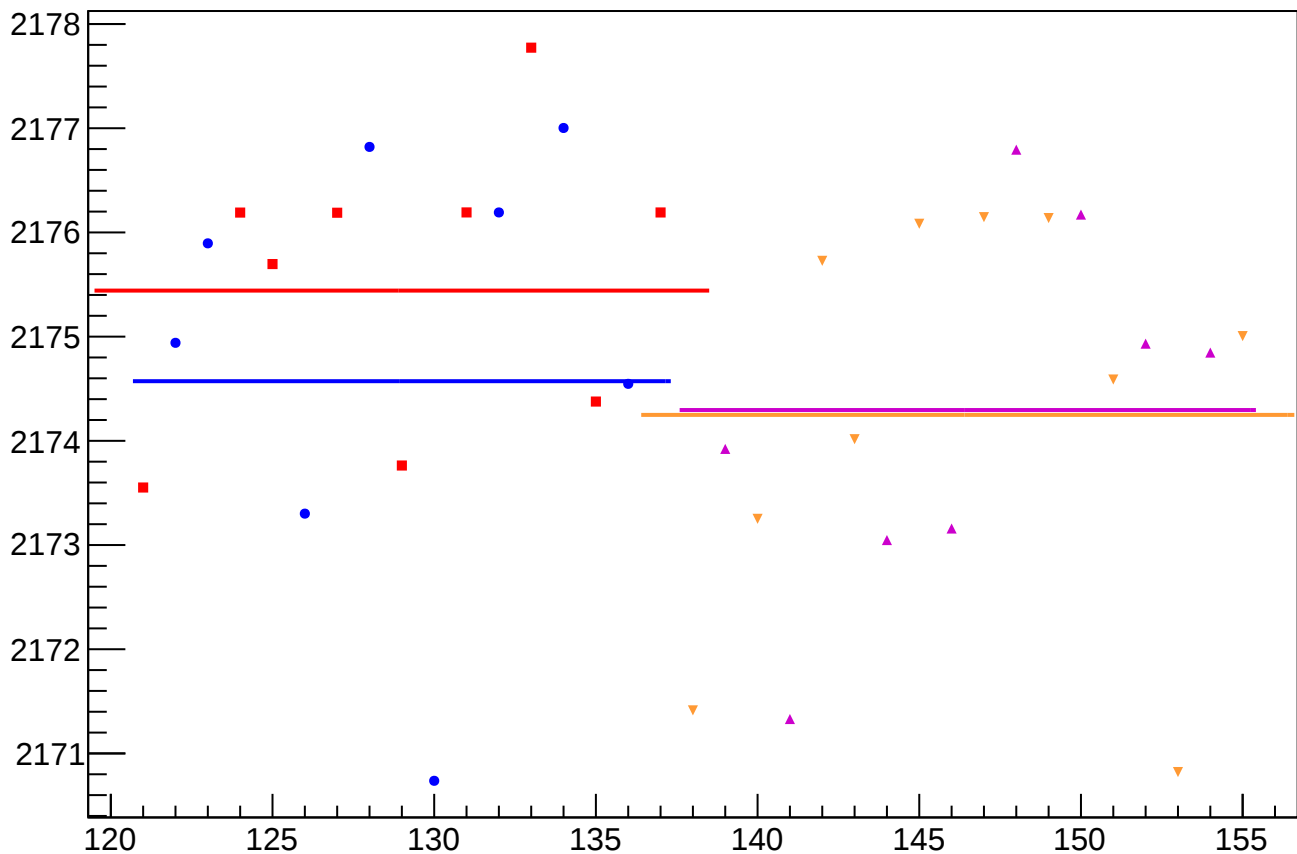
Right Out: 89.959 $\pm$ 0.000 χ^2/NDF : 331397.3/8

Left In: 88.021 $\pm$ 0.000 χ^2/NDF : 763163.0/7

88.624 $\pm$ 0.000 χ^2/NDF : 887555551329214554

88.638 $\pm$ 0.000 χ^2/NDF : 816797870321720178

HALLA_p_mean vs Slug



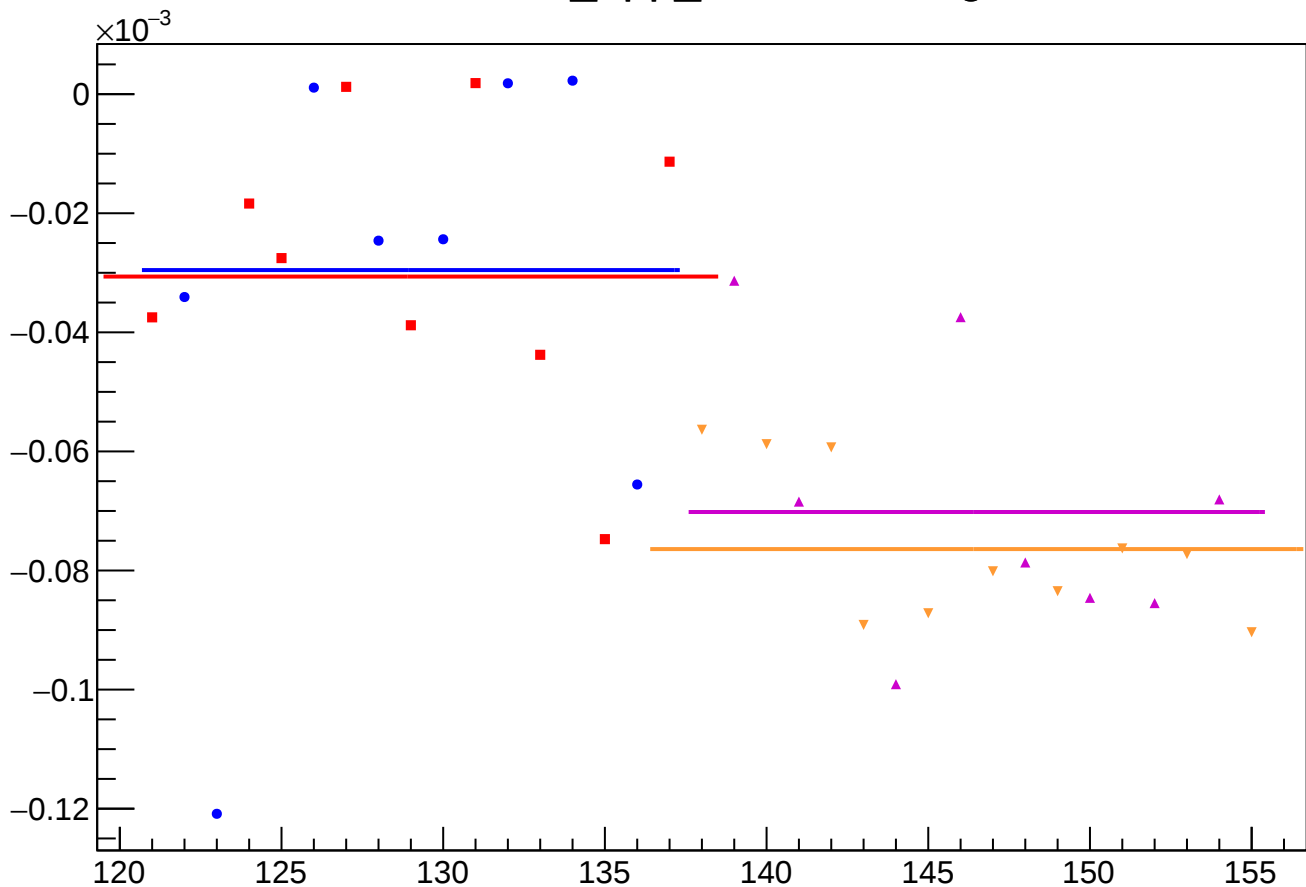
Right In: 2174.572+/-0.000 χ^2/NDF : 1360264074026849381407550448074752.0/7

Left Out: 2174.249+/-0.000 χ^2/NDF : 2719444086184348617152699385774080.0/9

Right Out: 2175.442+/-0.000 χ^2/NDF : 610778445075790556034346524868608.0/8

Left In: 2174.296+/-0.000 χ^2/NDF : 1910567009195525869659680355123200.0/7

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: 111443996022772206665728.0/9

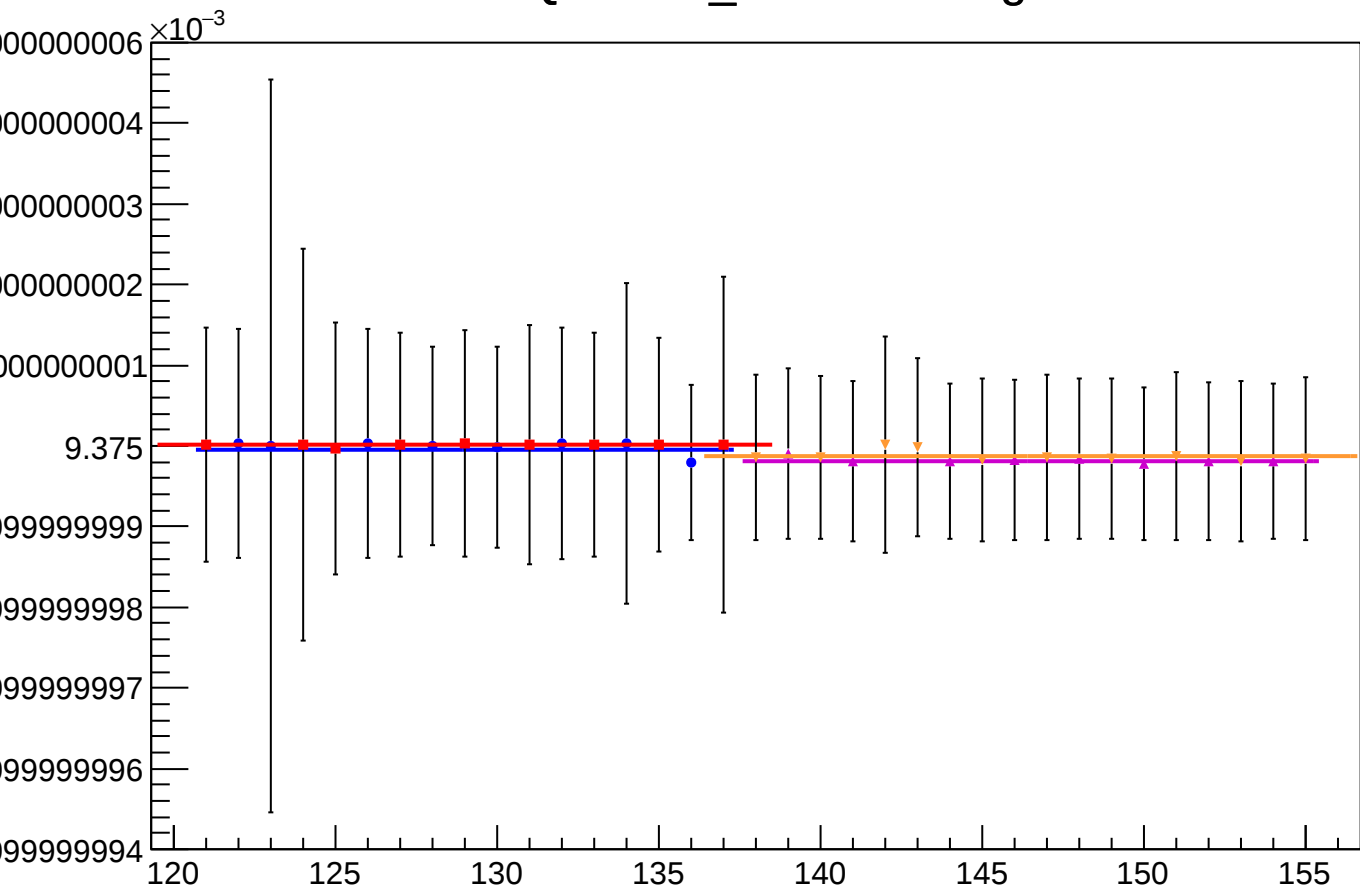
Right Out: -0.000+/-0.000 χ^2 /NDF: 196732771178766734983168.0/8

Left In: -0.000+/-0.000 χ^2 /NDF: 320896819809237050851328.0/7

-0.000+/-0.000 χ^2 /NDF: 879046036058235071

-0.000+/-0.000 χ^2 /NDF: 857448492654884632

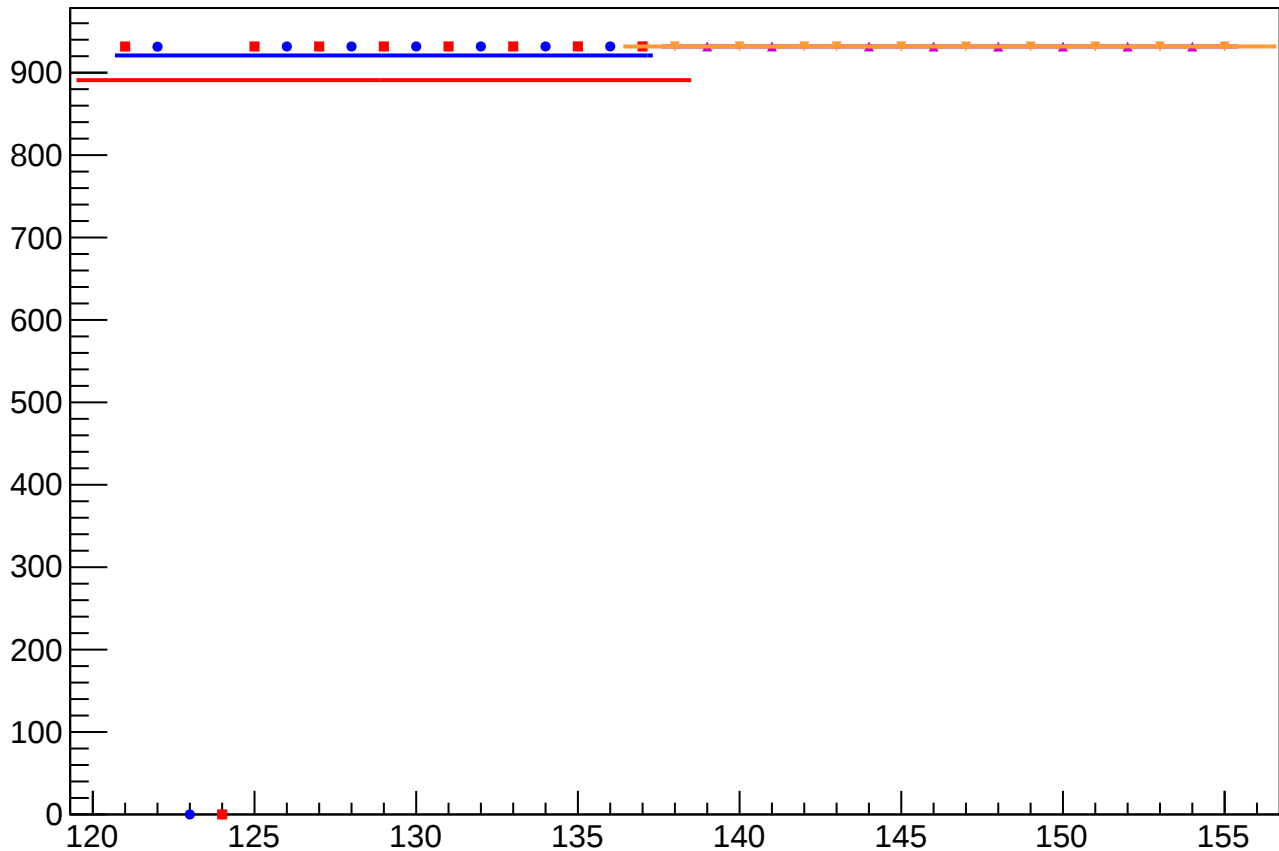
MQ171LM_mean vs Slug



0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/17

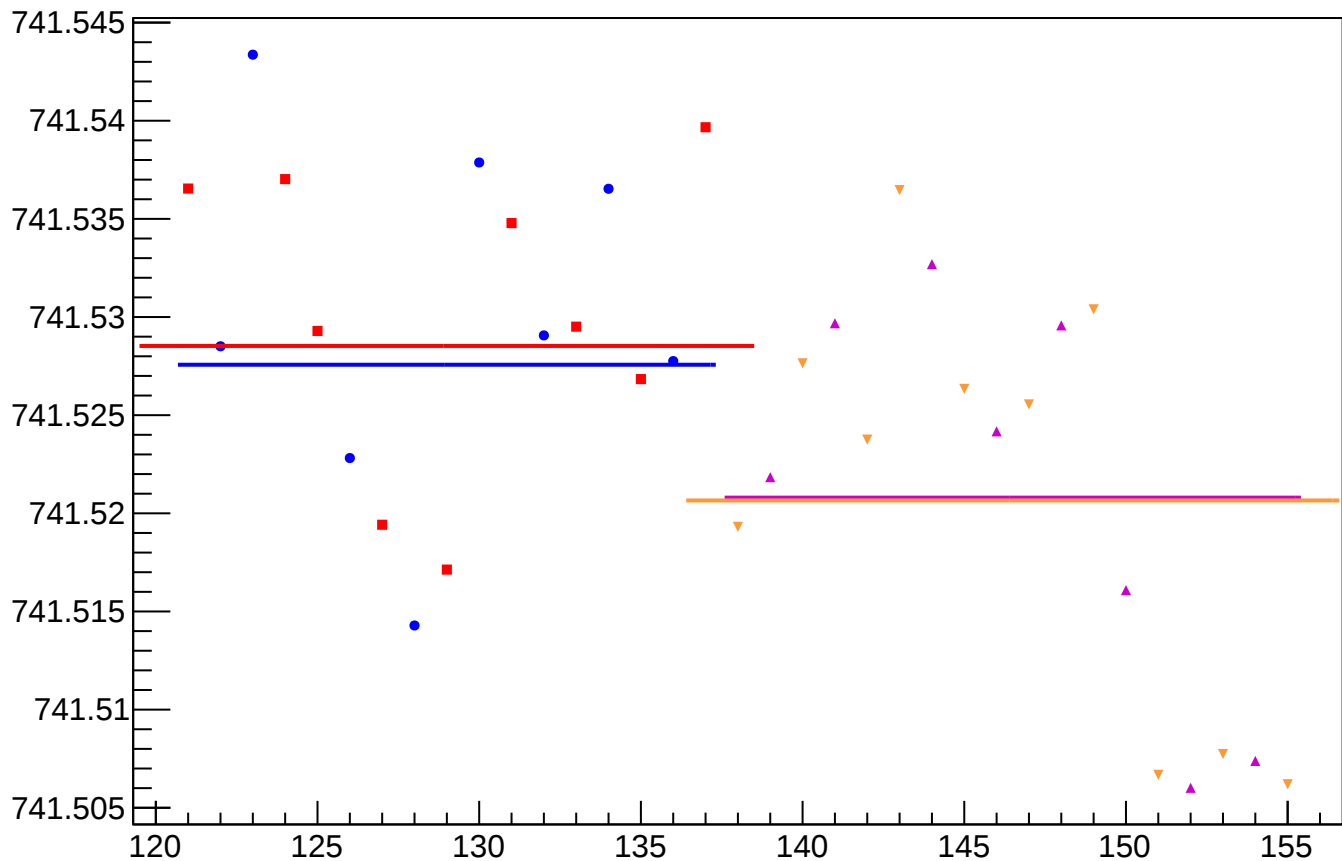
0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/16

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 920.898 ± 0.000 $\chi^2/\text{NDF}: 3432128841951899861299566212080992256.0/7$
Left Out: 931.797 ± 0.000 $\chi^2/\text{NDF}: 3247433732058416186126002814976.0/9$
Right Out: 890.923 ± 0.000 $\chi^2/\text{NDF}: 11621671430114409722932854398744788992.0/8$
Left In: 931.784 ± 0.000 $\chi^2/\text{NDF}: 2887633092738681156850782568448.0/7$

HacL_D1_HP3458A_IOUT_mean vs Slug



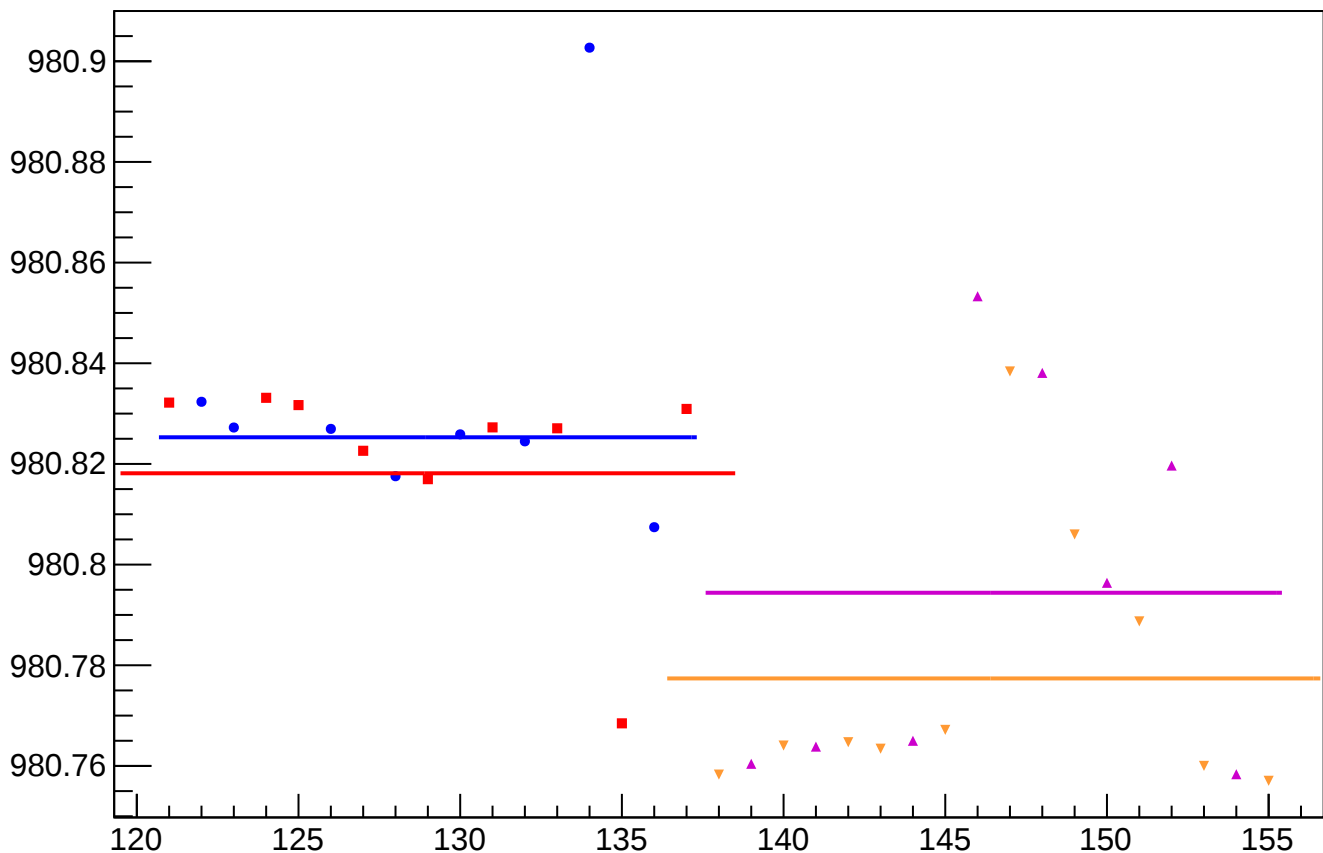
Right In: 741.528 +/- 0.000 χ^2/NDF : 18896144326732419810052800512.0/7

Left Out: 741.521 +/- 0.000 χ^2/NDF : 79716798014035668118513123328.0/9

Right Out: 741.529 +/- 0.000 χ^2/NDF : 16580353917842624420385914880.0/8

Left In: 741.521 +/- 0.000 χ^2/NDF : 63843843531459425751514742784.0/7

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.825+/-0.000 χ^2/NDF : 159345321268745350954763681792.0/7

Left Out: 980.777+/-0.000 χ^2/NDF : 499469382731207193820754083840.0/9

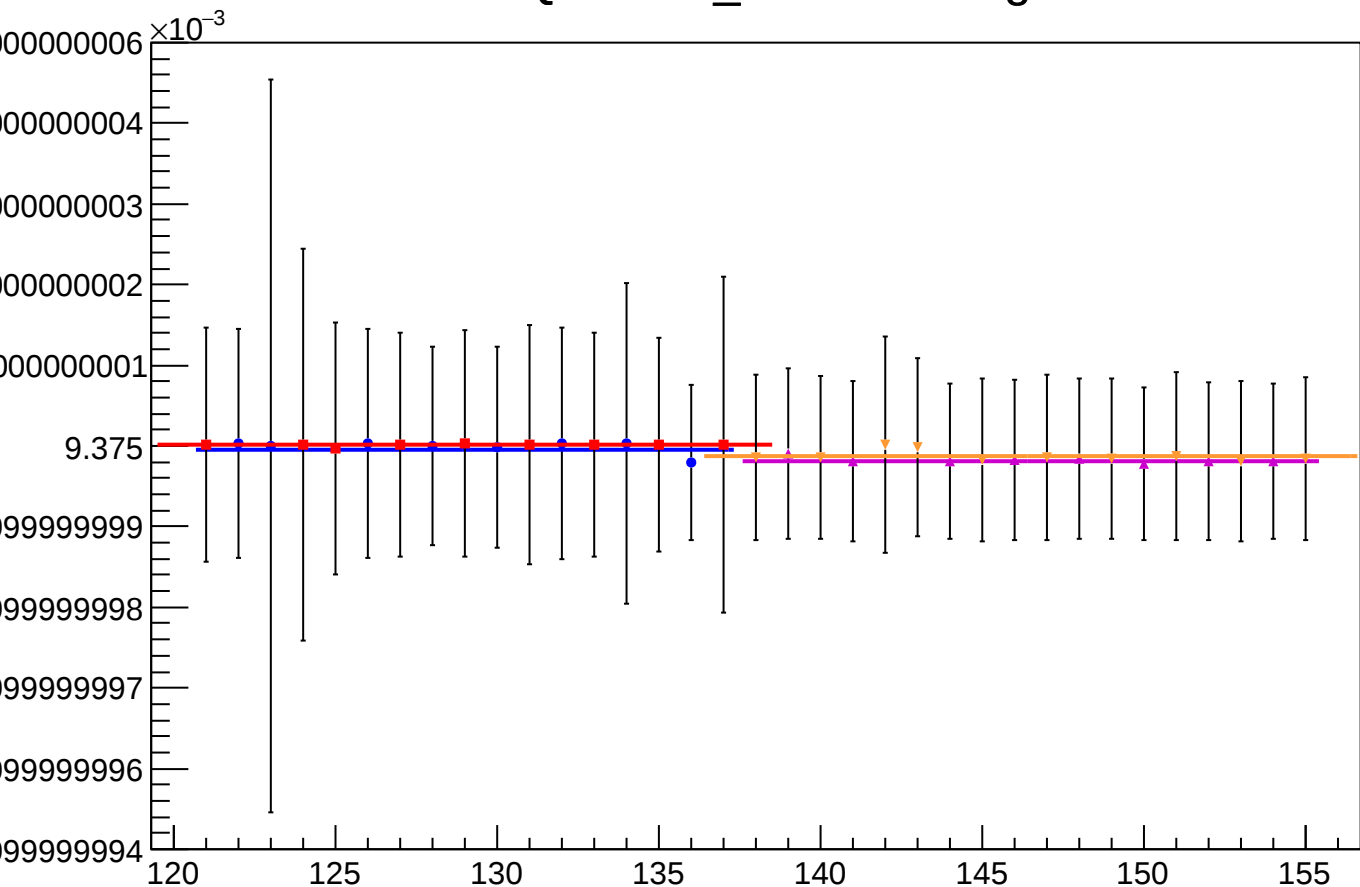
Right Out: 980.818+/-0.000 χ^2/NDF : 143689912167528137563261894656.0/8

Left In: 980.794+/-0.000 χ^2/NDF : 861662956301760550344335556608.0/7

980.792+/-0.000 χ^2/NDF : 11997637221990354

980.802+/-0.000 χ^2/NDF : 11278096802335924

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:0.0/9

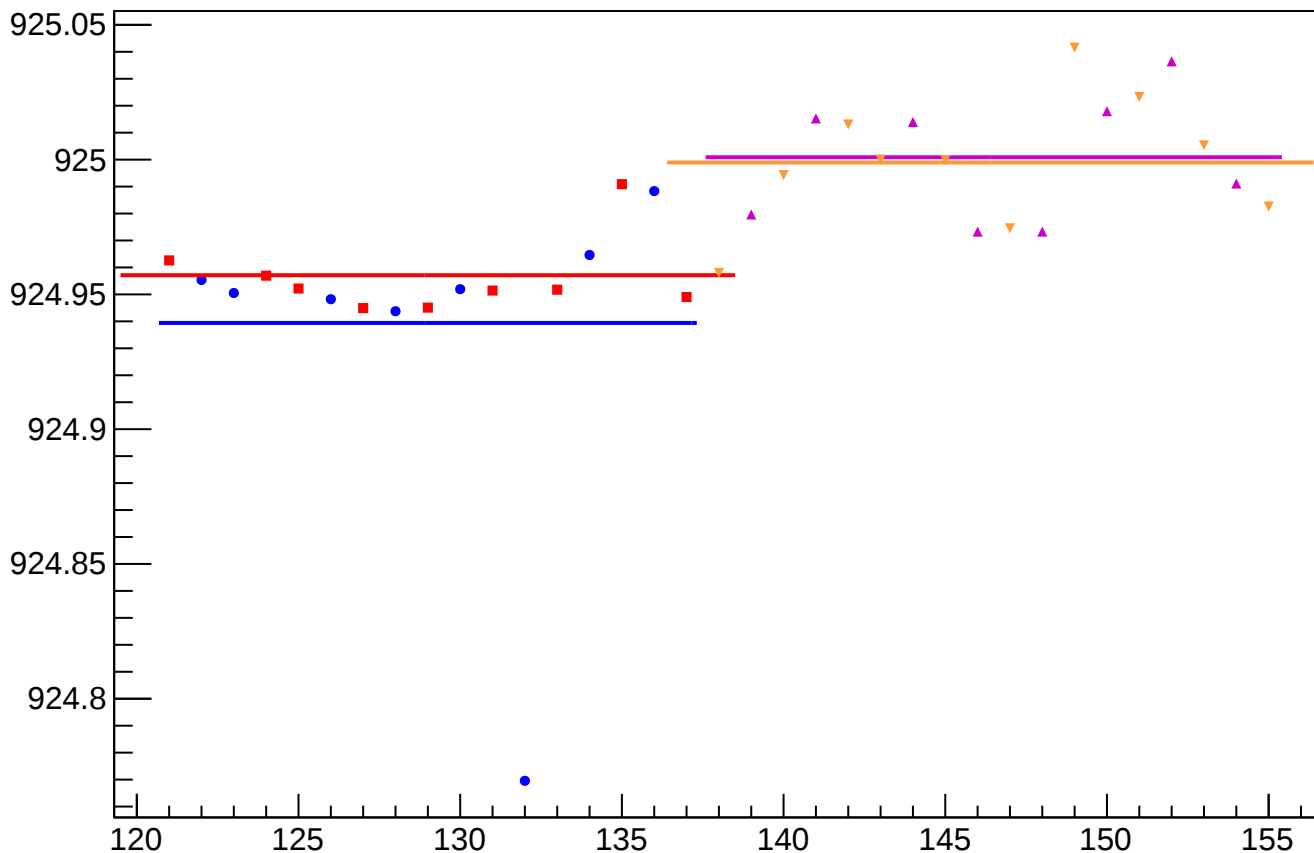
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/7

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/17

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/16

HacR_Q2_HP3458A_IOUT_mean vs Slug



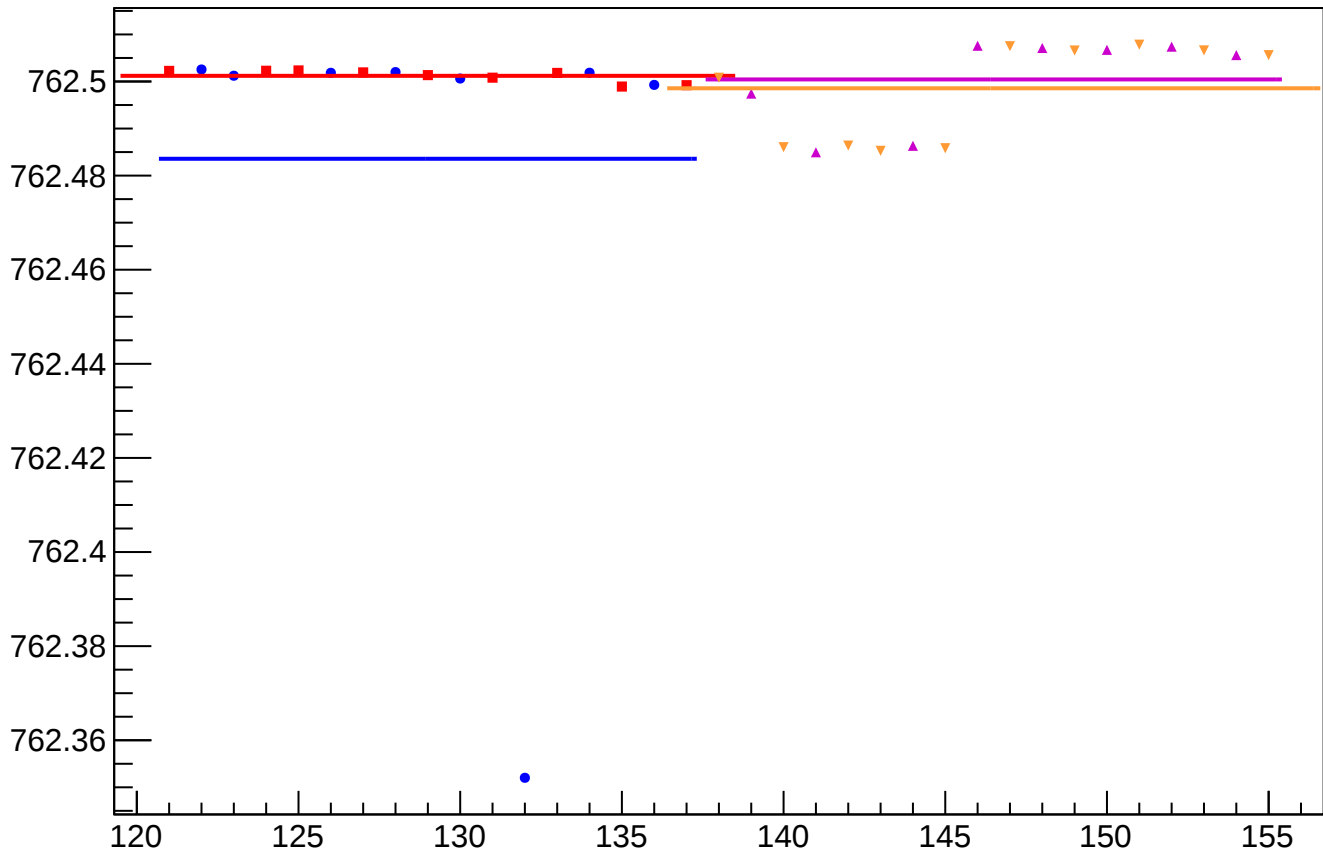
Right In: 924.939 +/- 0.000 χ^2/NDF : 1401458495809517406218388242432.0/7

Left Out: 924.999 +/- 0.000 χ^2/NDF : 411313477663764445042808193024.0/9

Right Out: 924.957 +/- 0.000 χ^2/NDF : 71808709366506786060310151168.0/8

Left In: 925.001 +/- 0.000 χ^2/NDF : 338606637160893612059531411456.0/7

HacR_D1_HP3458A_IOUT_mean vs Slug



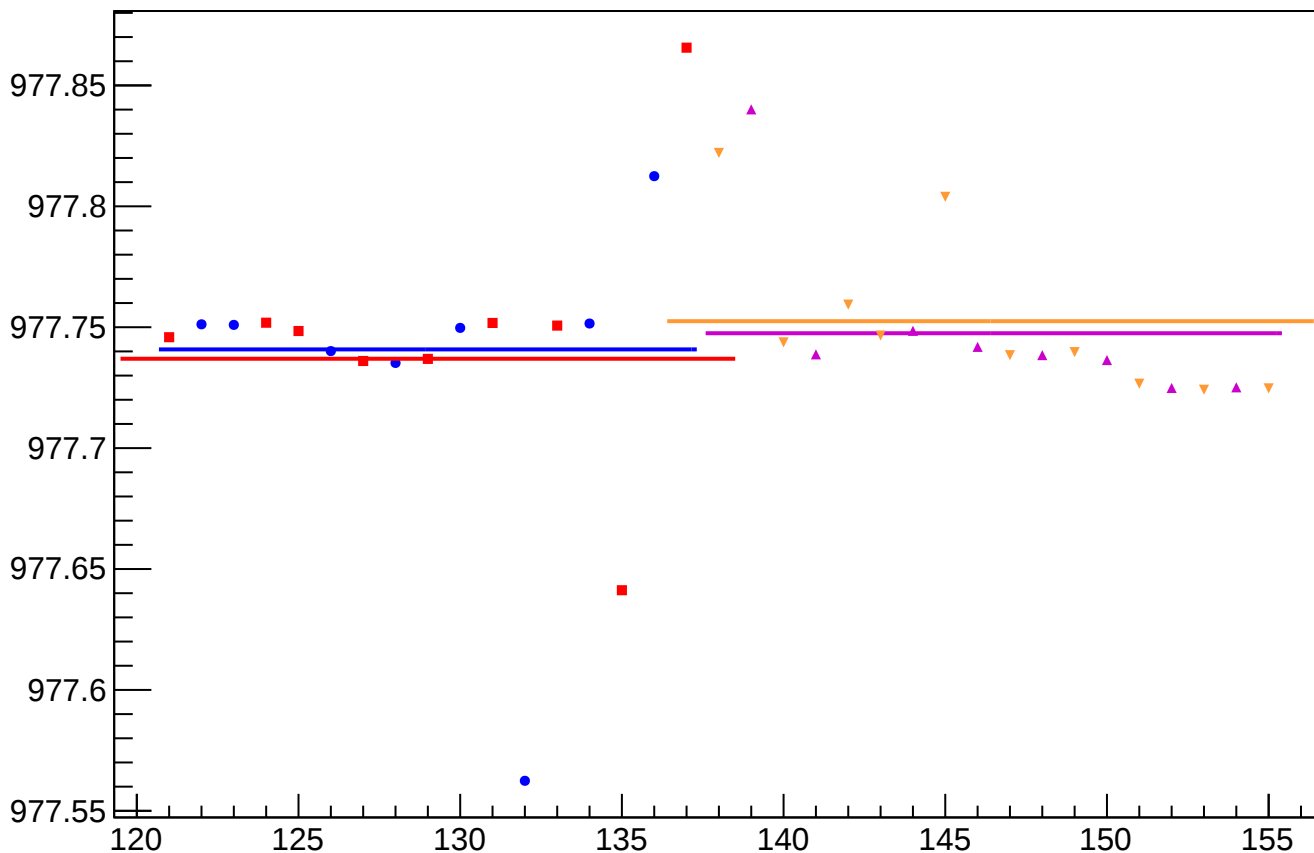
Right In: 762.484+/-0.000 χ^2/NDF : 784430761251084401798891438080.0/7

Left Out: 762.499+/-0.000 χ^2/NDF : 72784377458364960153146490880.0/9

Right Out: 762.501+/-0.000 χ^2/NDF : 469794702848036819563446272.0/8

Left In: 762.500+/-0.000 χ^2/NDF : 56963344209089199228573450240.0/7

HacR_Q3_HP3458A_IOUT_mean vs Slug



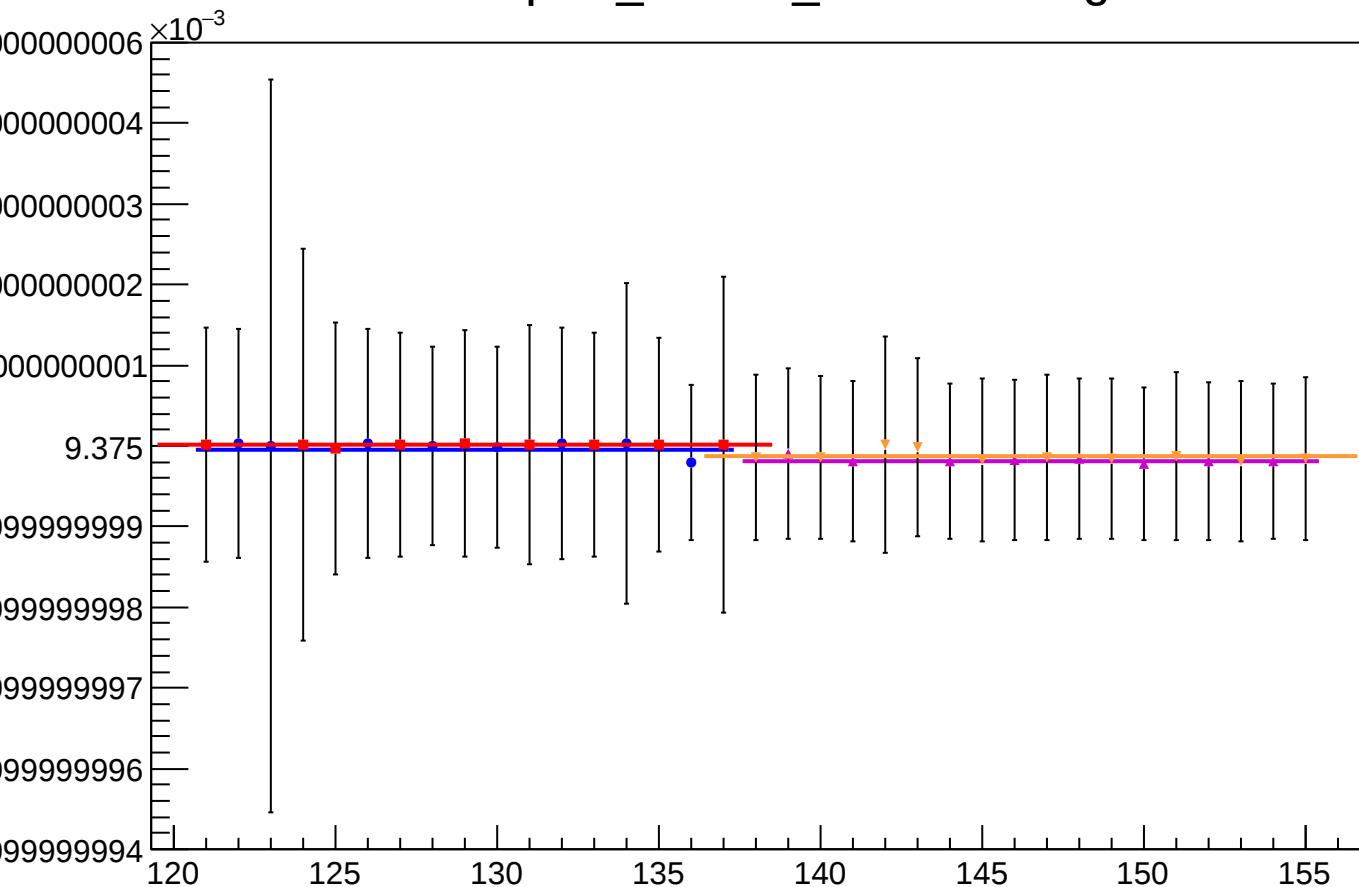
Right In: 977.741+/-0.000 $\chi^2/\text{NDF}: 1738104571804792841781326643200.0/7$

Left Out: 977.752+/-0.000 $\chi^2/\text{NDF}: 813469566766241485954362638336.0/9$

Right Out: 977.737+/-0.000 $\chi^2/\text{NDF}: 772313054358211830610902646784.0/8$

Left In: 977.748+/-0.000 $\chi^2/\text{NDF}: 750693700538367447650428518400.0/7$

hesDipole_current_mean vs Slug



Right In: 0.009 ± 0.000 χ^2/NDF : 0.0/7

Left Out: 0.009 ± 0.000 χ^2/NDF : 0.0/9

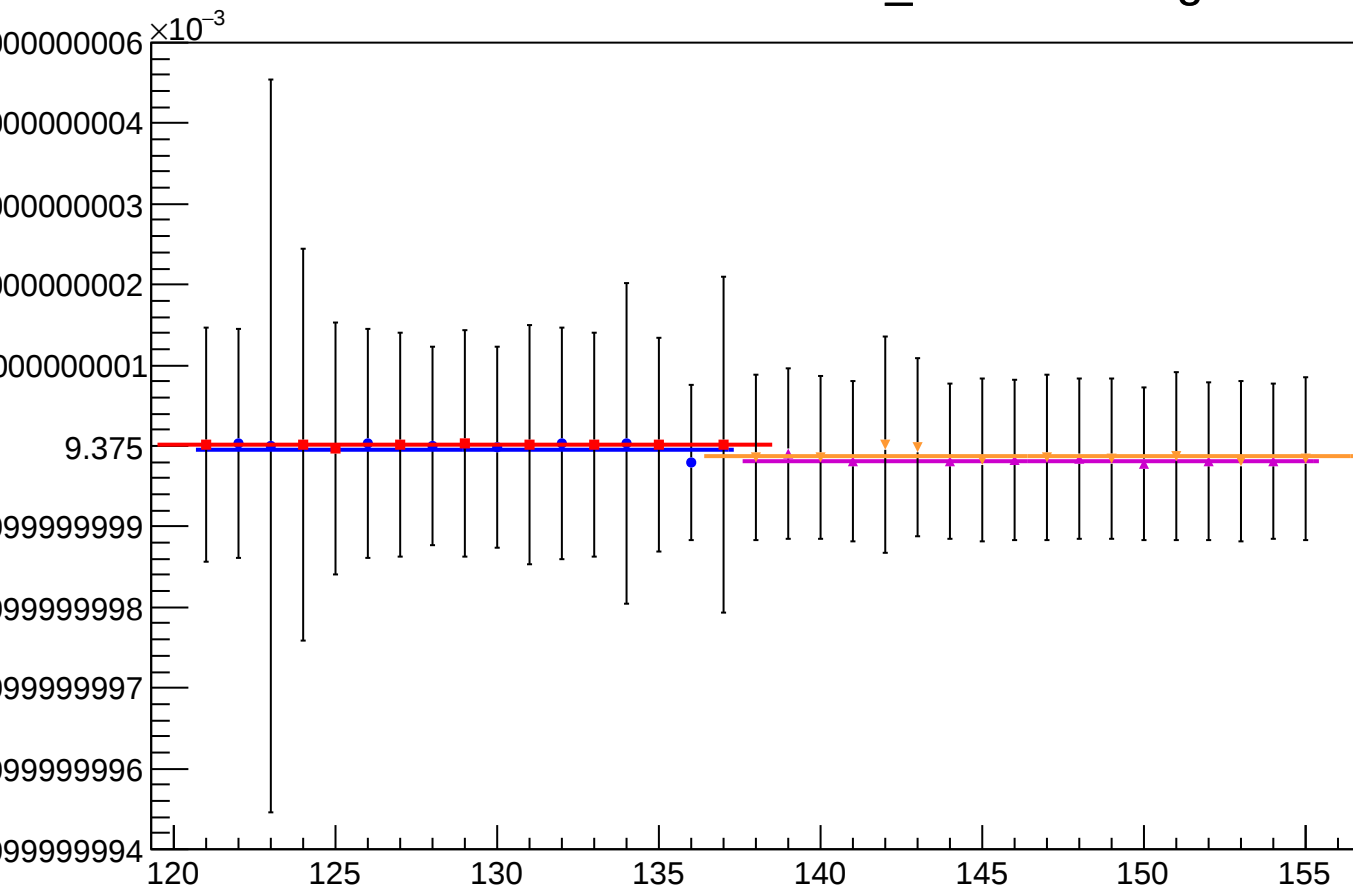
Right Out: 0.009 ± 0.000 χ^2/NDF : 0.0/8

Left In: 0.009 ± 0.000 χ^2/NDF : 0.0/7

0.009 ± 0.000 χ^2/NDF : 0.1/17

0.009 ± 0.000 χ^2/NDF : 0.1/16

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: 0.0/9

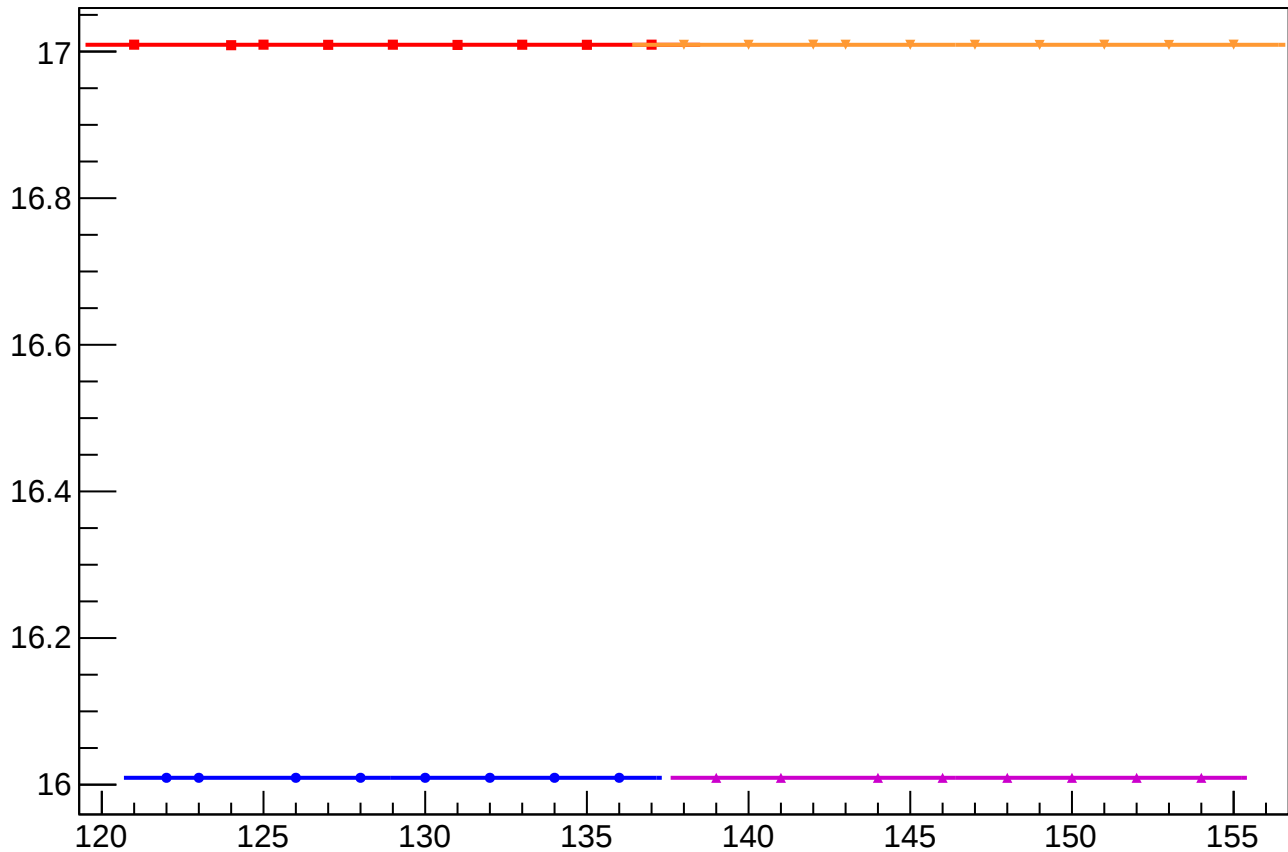
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/17

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/16

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: 9633055740760340629028864.0/9

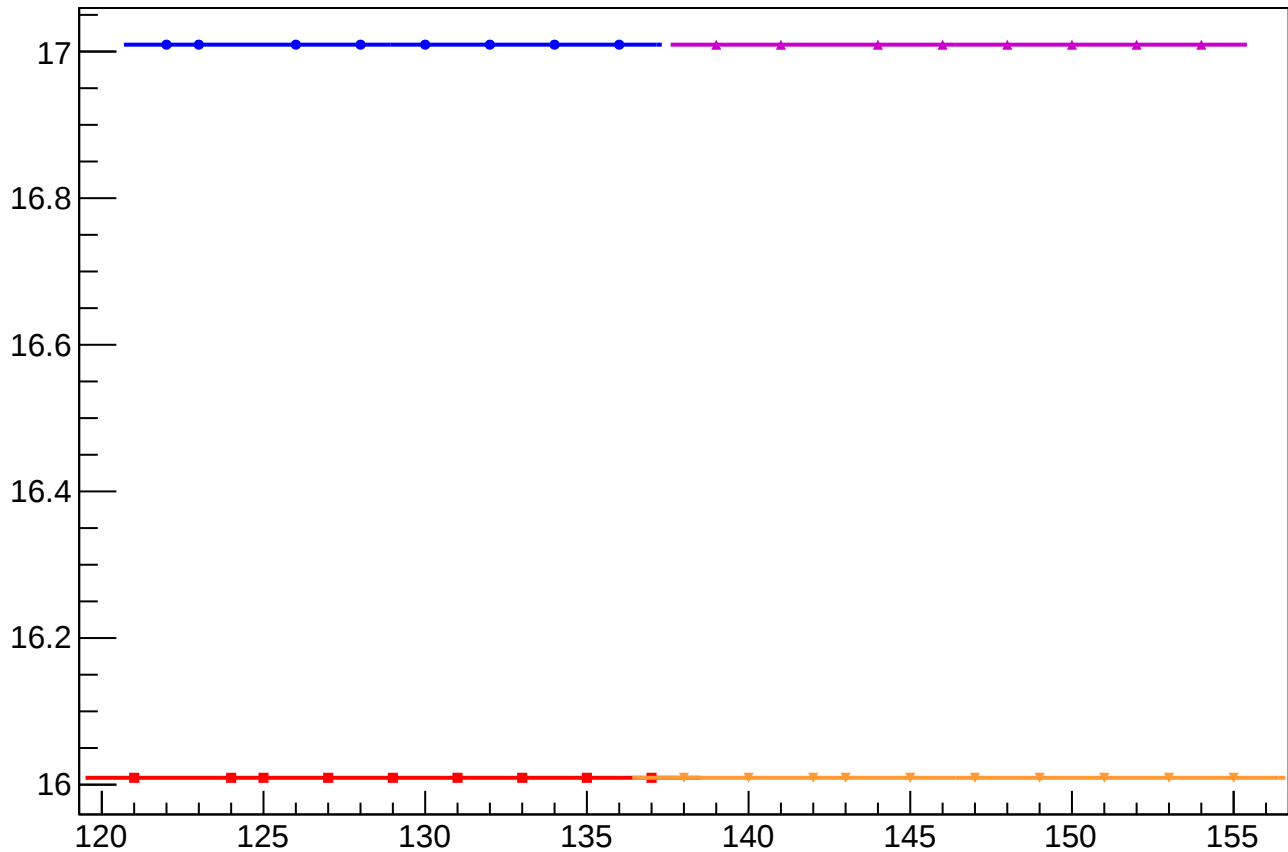
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 8333578329558812540796928.0/8

Left In: 16.009 $\pm$ 0.000 χ^2 /NDF: 29547.6/7

16.692 $\pm$ 0.000 χ^2 /NDF: 21557076932157793

16.327 $\pm$ 0.000 χ^2 /NDF: 205940380482250442

IGL1I00OD16_16_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2/NDF : 76109.3/7

Left Out: 16.009 $\pm$ 0.000 χ^2/NDF : 28941.7/9

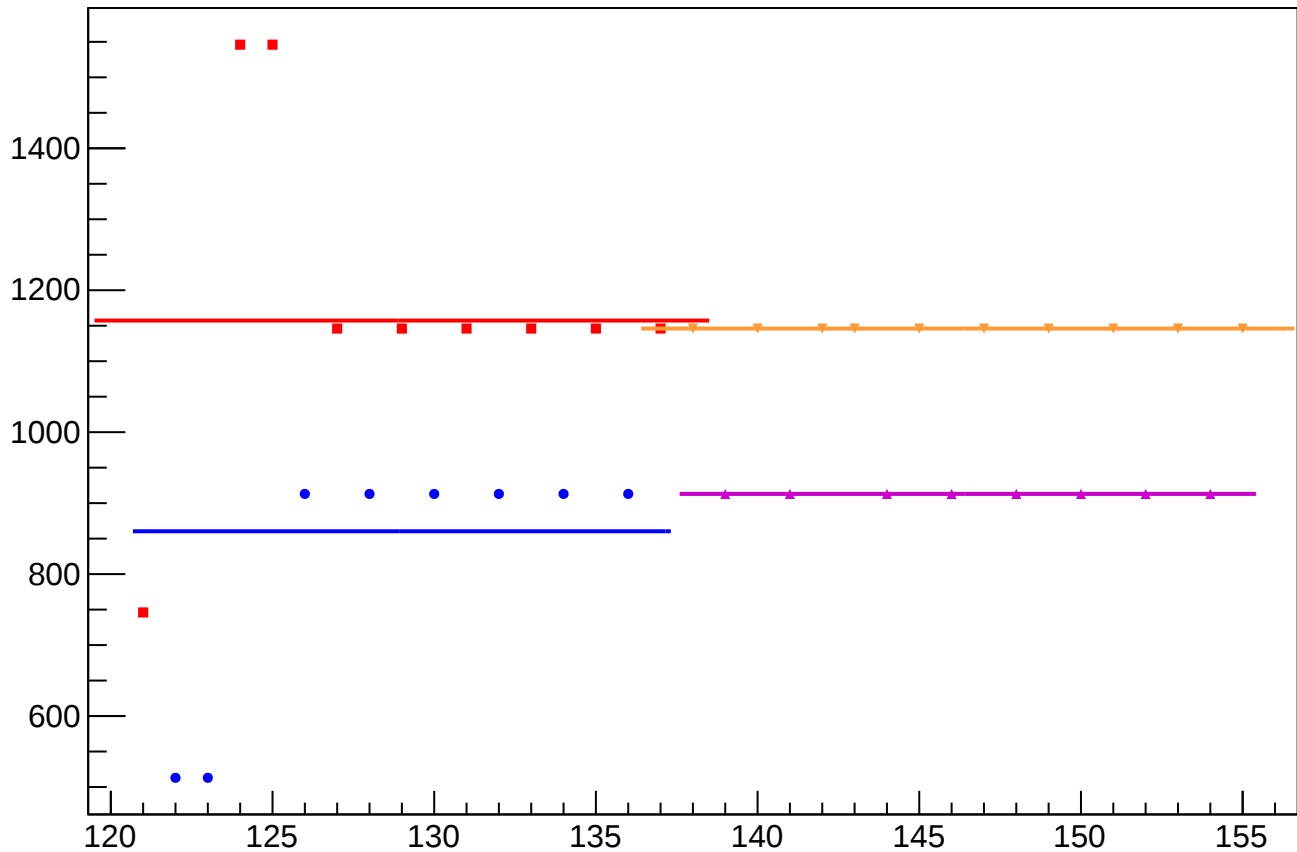
Right Out: 16.009 $\pm$ 0.000 χ^2/NDF : 17859.8/8

Left In: 17.009 $\pm$ 0.000 χ^2/NDF : 6942.0/7

16.323 $\pm$ 0.000 χ^2/NDF : 23489010989010538

16.691 $\pm$ 0.000 χ^2/NDF : 21734065934063888

RTPAPOSUCNT_mean vs Slug



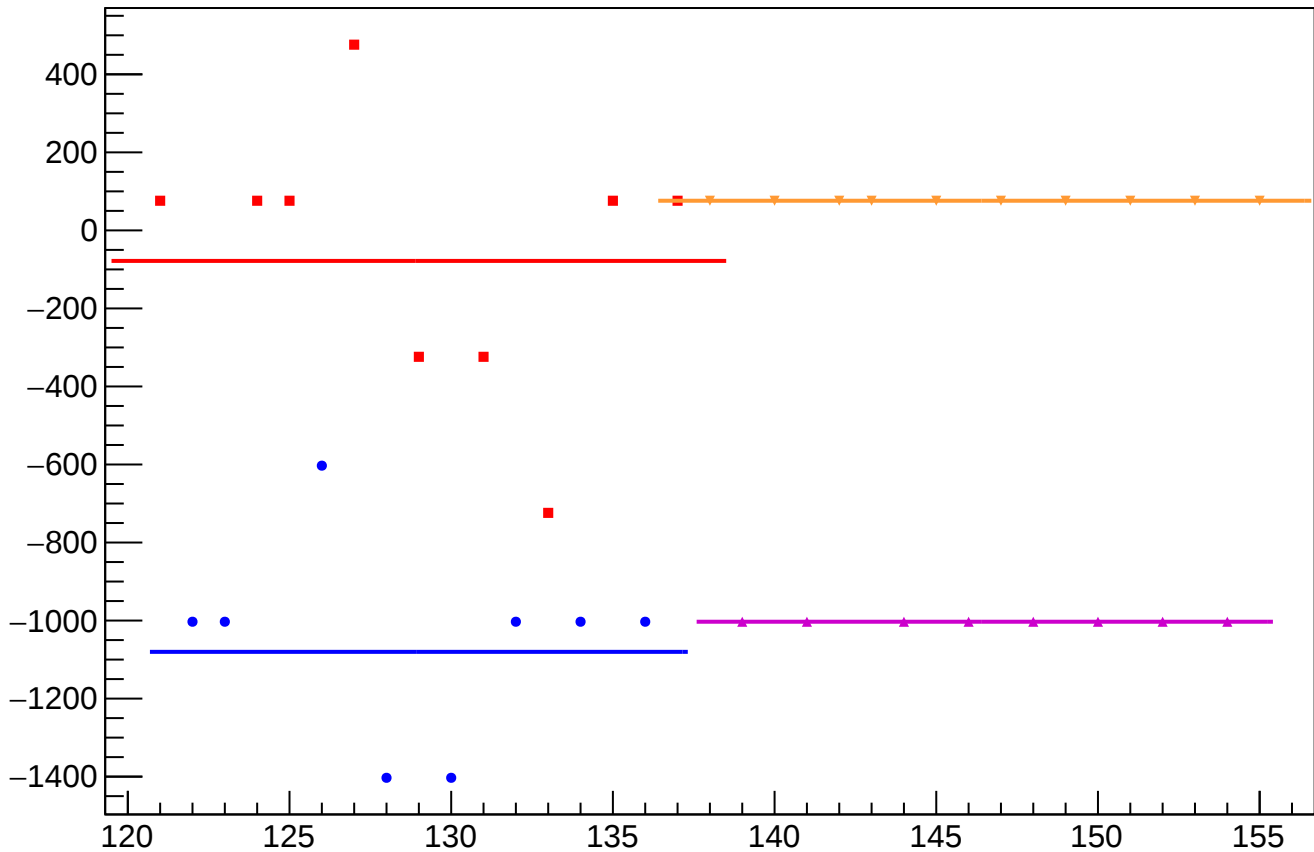
Right In: 860.361+/-0.000 χ^2/NDF : 6252693455178703850651720460594577408.0/7

Left Out: 1146.011+/-0.000 χ^2/NDF : 2612951619900884841628958720.0/9

Right Out: 1157.295+/-0.000 χ^2/NDF : 13880040120623316310083946144856014848.0/8

Left In: 912.993+/-0.000 χ^2/NDF : 9551895294907299741330046976.0/7

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 : 2999609124876786285613678592.0/9 -283.460 ± 0.000 χ^2/NDF : 3366797336755592
 Right Out: -78.224 ± 0.000 χ^2/NDF : 39611265375063350144036471826150326272.0/8
 Left In: -1002.989 ± 0.000 χ^2/NDF : 1052507722955999867121434624.0/7 -708.284 ± 0.000 χ^2/NDF : 2254789636618933