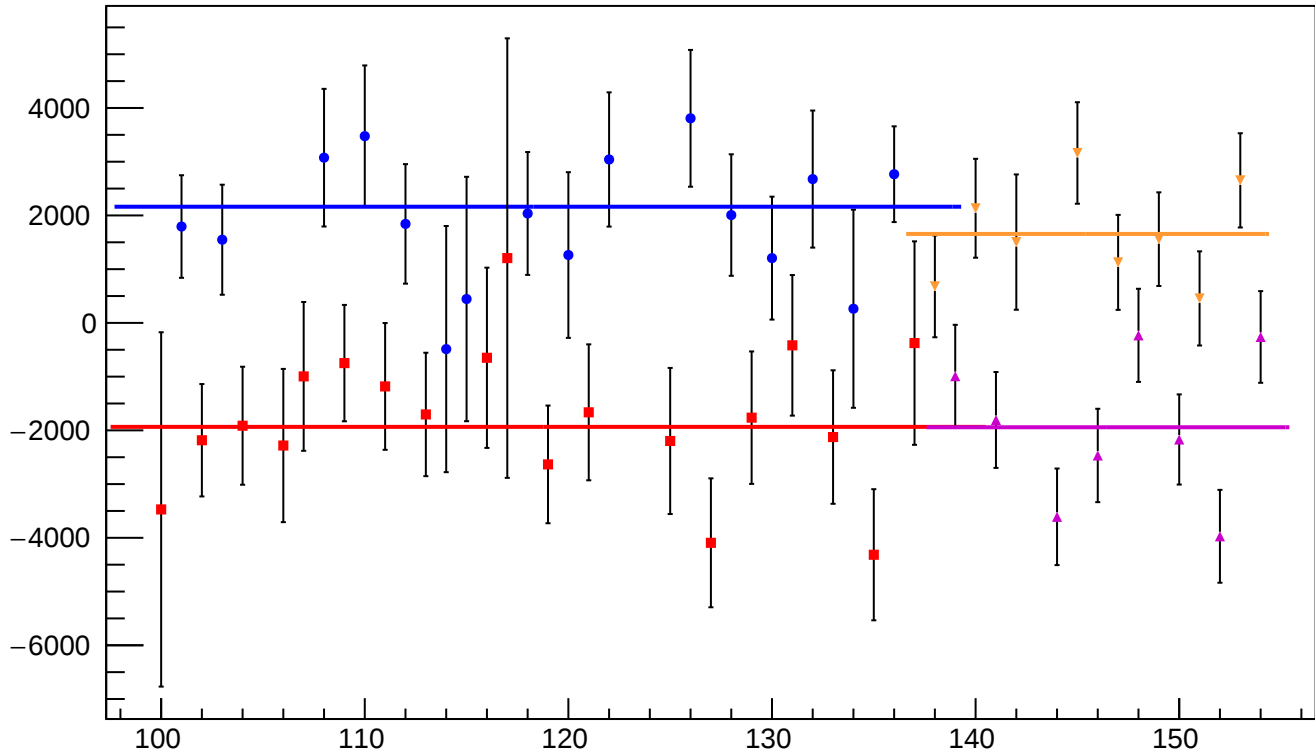


reg_asym_us_avg_mean vs Slug



Right In: 2162.311+/-307.312

χ^2/NDF : 8.9/15

1926.188+/-224.542

χ^2/NDF : 17.6/23

Left Out: 1655.748+/-328.887

χ^2/NDF : 7.4/7

Right Out: -1935.183+/-299.773

χ^2/NDF : 13.2/18

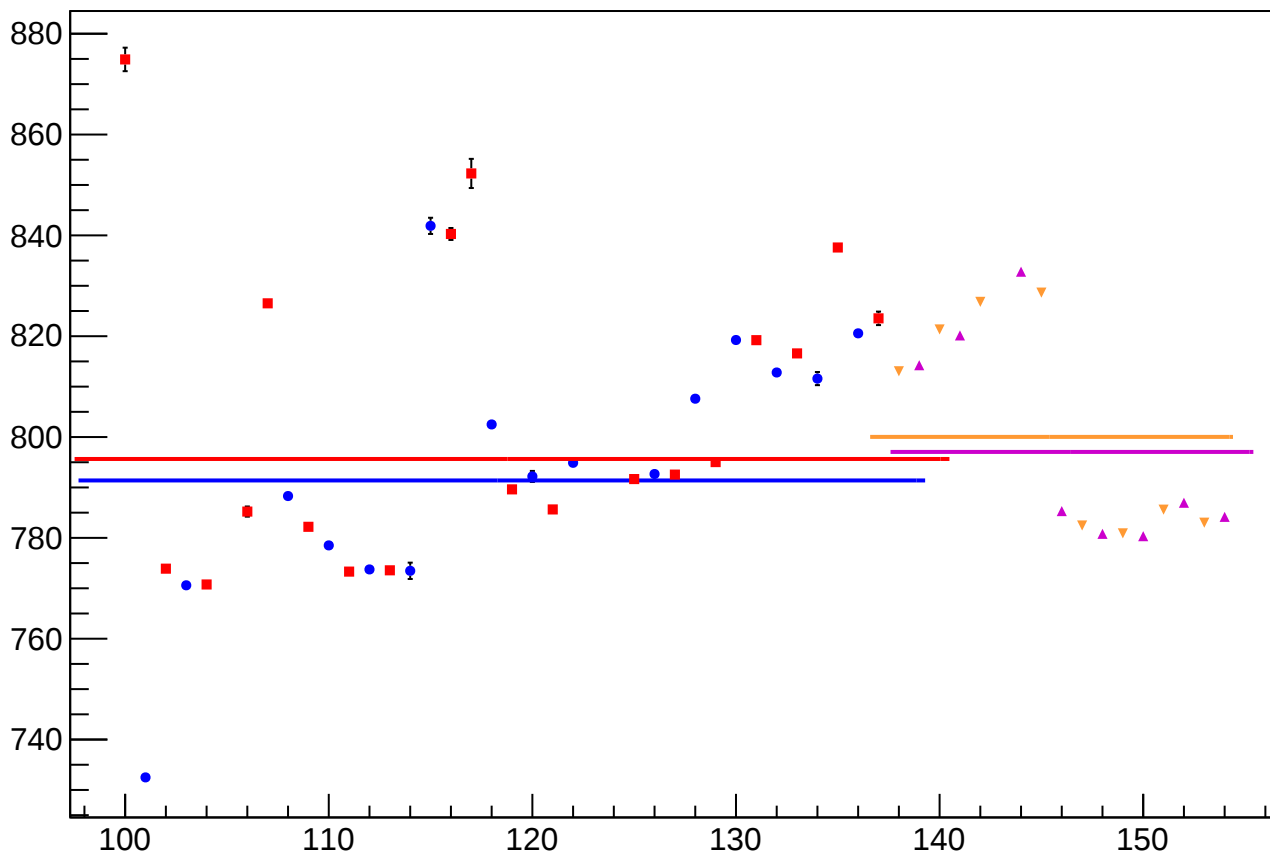
-1938.595+/-215.637

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 $\pm$ 0.217 χ^2 /NDF: 15008.3/15

Left Out: 800.030 $\pm$ 0.233 χ^2 /NDF: 7240.8/7

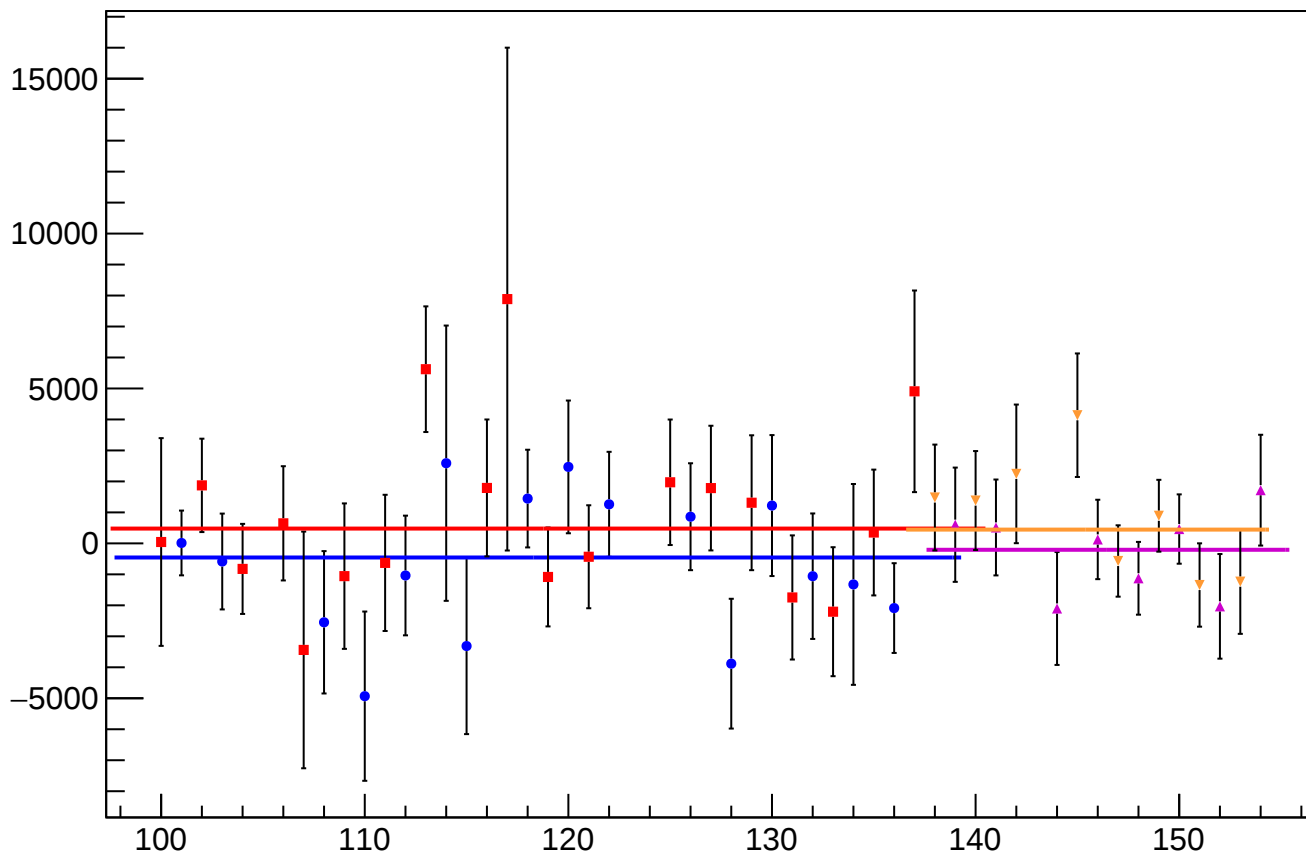
Right Out: 795.650 $\pm$ 0.212 χ^2 /NDF: 11945.4/18

Left In: 797.048 $\pm$ 0.219 χ^2 /NDF: 7741.2/7

795.418 $\pm$ 0.159 χ^2 /NDF: 22985.9/23

796.325 $\pm$ 0.152 χ^2 /NDF: 19707.5/26

asym_us_avg_correction_mean vs Slug



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

Left Out: 444.635 ± 527.929 χ^2/NDF : 8.5/7

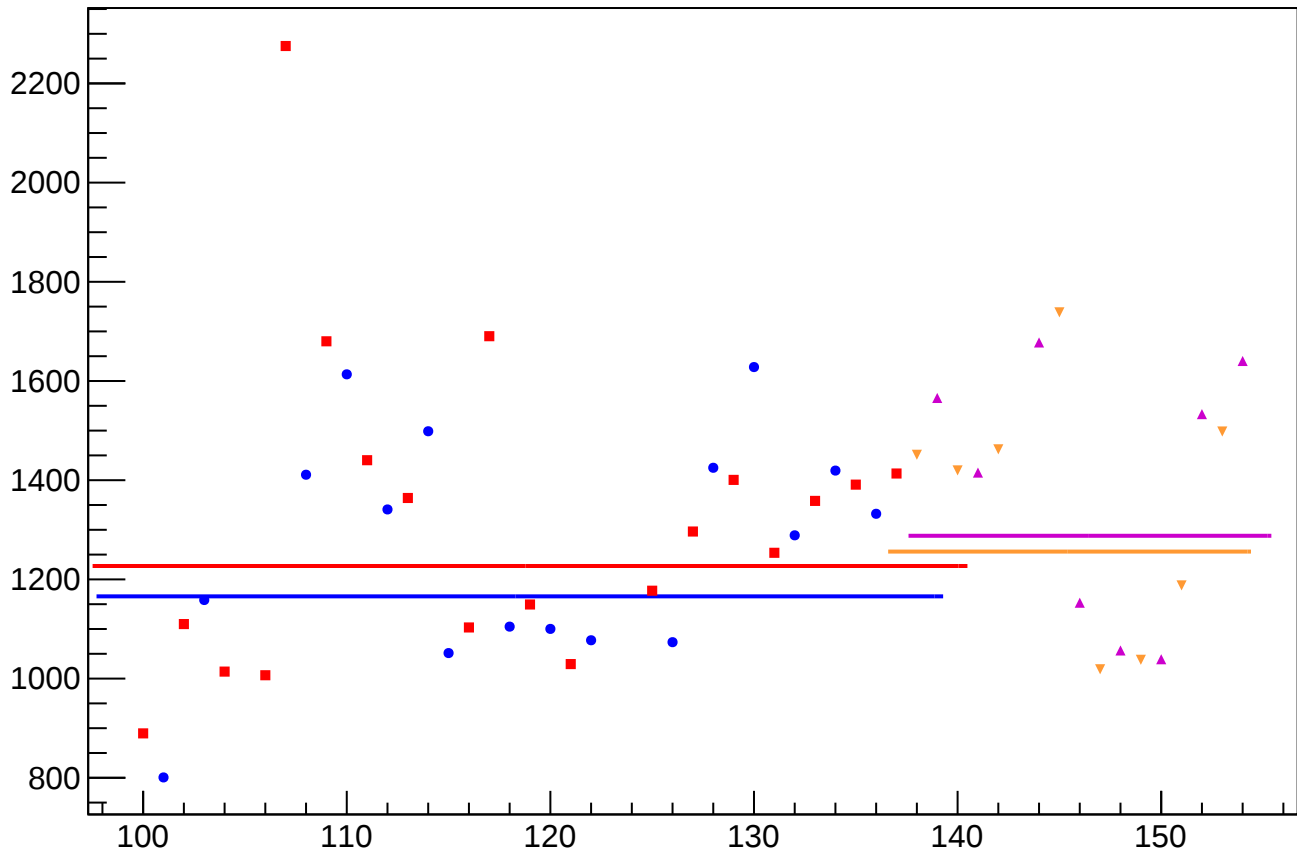
Right Out: 477.782 ± 471.960 χ^2/NDF : 18.2/18

Left In: -206.868 ± 512.415 χ^2/NDF : 4.9/7

-63.083 ± 348.618 χ^2/NDF : 25.0/23

163.547 ± 347.148 χ^2/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: 1256.085 $\pm$ 0.373 χ^2 /NDF:383221.1/7

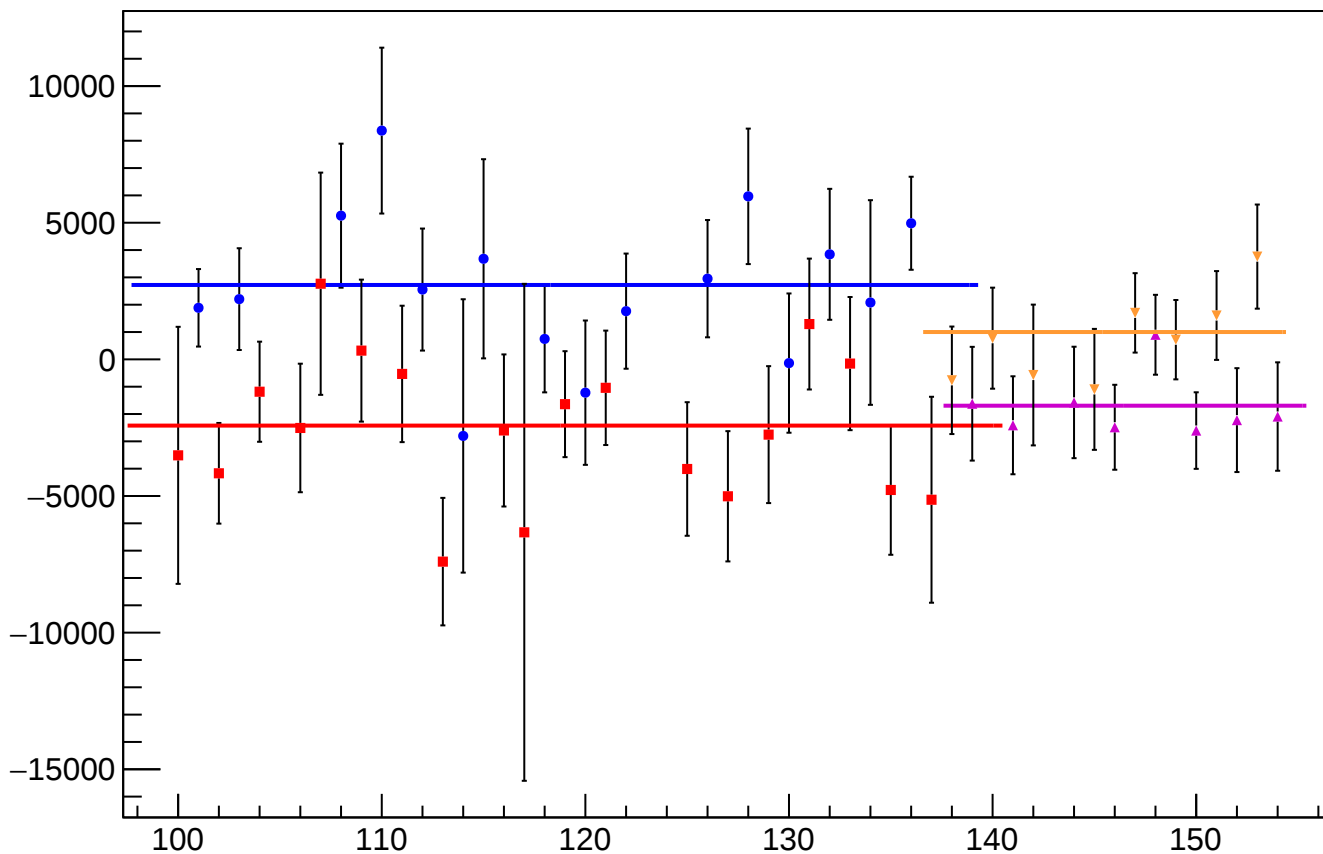
Right Out: 1227.021 $\pm$ 0.334 χ^2 /NDF: 446961.2/18

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

1205.177 $\pm$ 0.247 χ^2 /NDF: 943000.9/23

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

asym_us_avg_mean vs Slug



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

Left Out: 1000.390+/-631.455 χ^2/NDF : 4.6/7

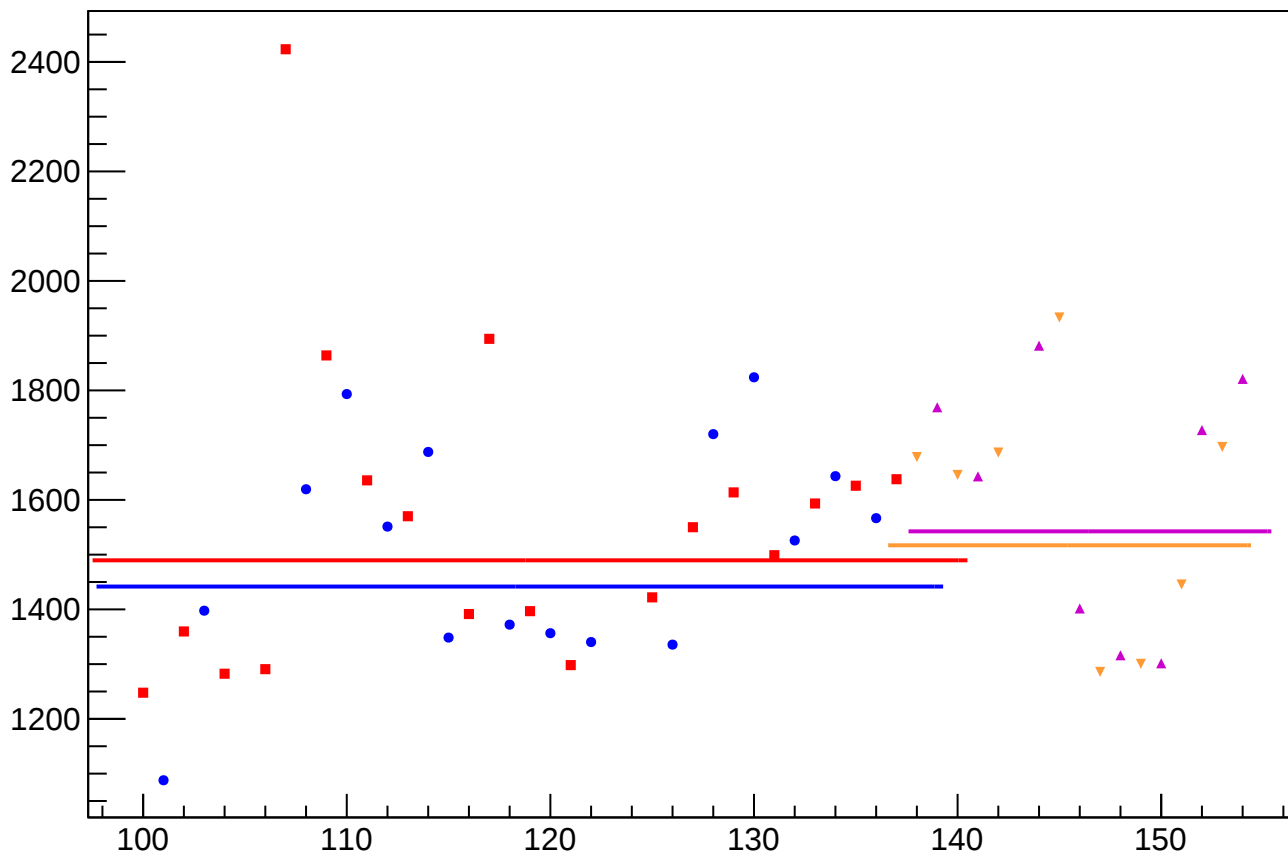
Right Out: -2423.739+/-567.866 χ^2/NDF : 16.5/18

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

1953.460+/-421.946 χ^2/NDF : 23.3/23

-2084.537+/-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: 1517.049+/-0.447 χ^2 /NDF:219207.7/7

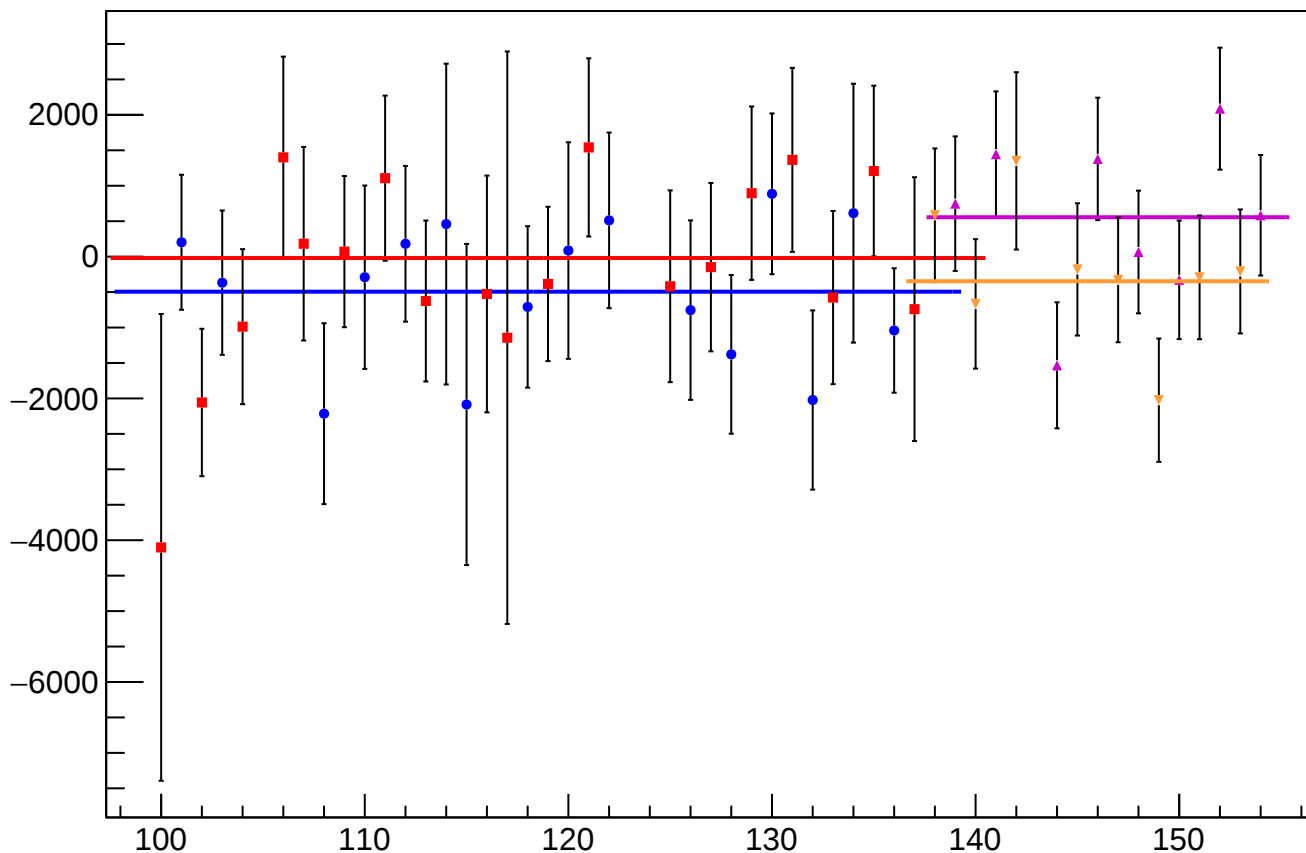
Right Out: 1489.610+/-0.402 χ^2 /NDF: 260116.0/18

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

1475.355+/-0.298 χ^2 /NDF: 510863.9/23

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

reg_asym_us_dd_mean vs Slug



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

Left Out: -347.095+/-327.092 χ^2/NDF : 6.7/7

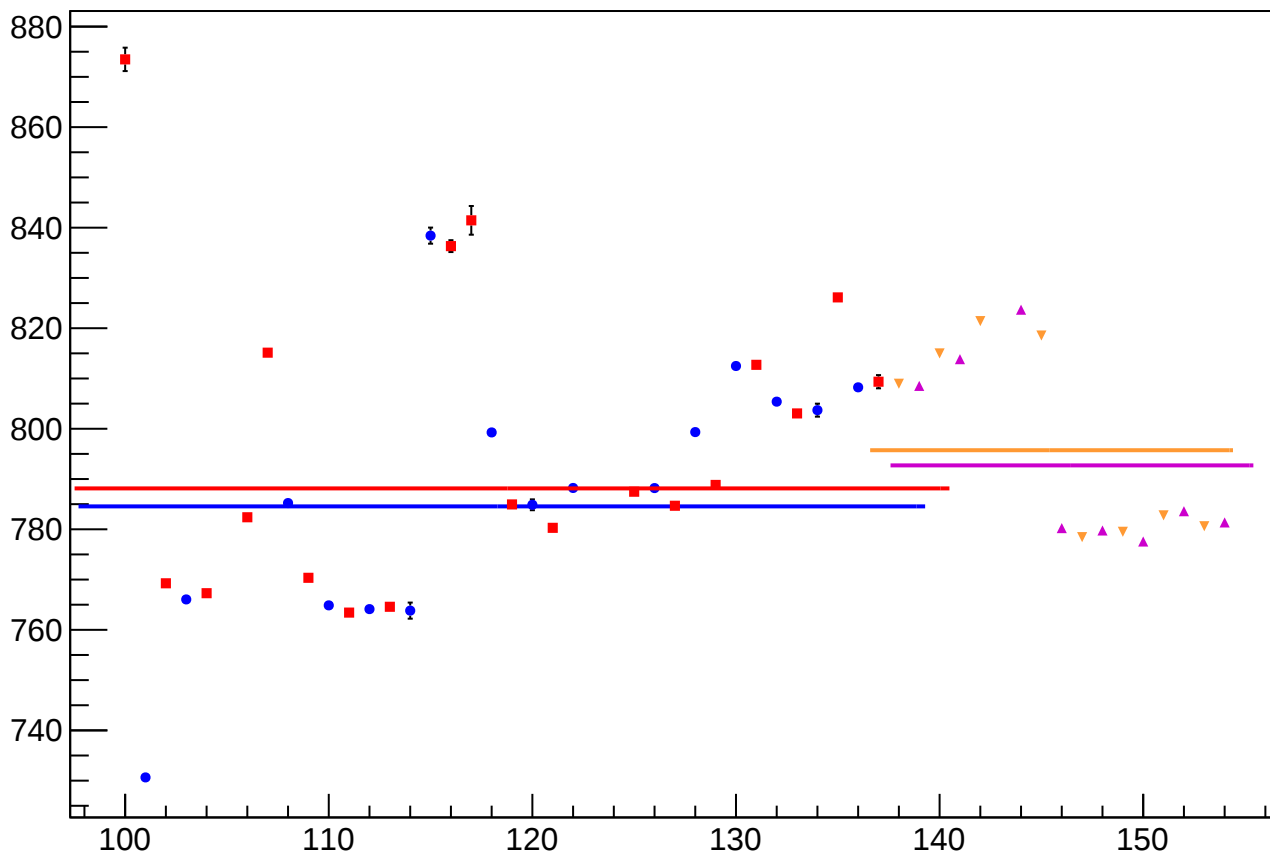
Right Out: -19.622+/-296.930 χ^2/NDF : 13.4/18

Left In: 555.638+/-308.705 χ^2/NDF : 12.1/7

-425.881+/-222.930 χ^2/NDF : 15.5/23

256.828+/-214.003 χ^2/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: 795.731 ± 0.231 χ^2/NDF : 5829.7/7

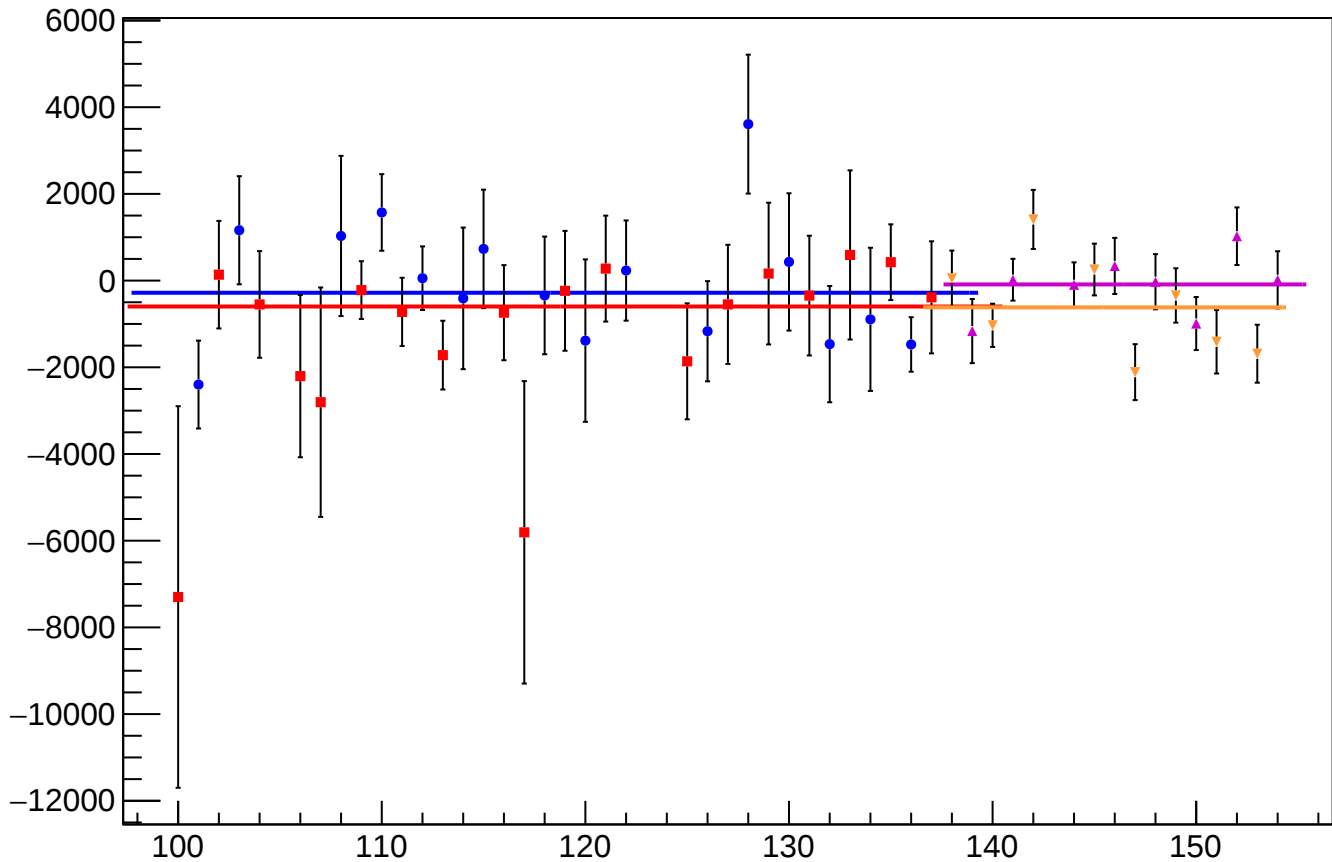
Right Out: 788.134 ± 0.210 χ^2/NDF : 11259.7/18

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

789.748 ± 0.158 χ^2/NDF : 20757.1/23

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: -617.378 ± 221.100 χ^2/NDF : 22.1/7

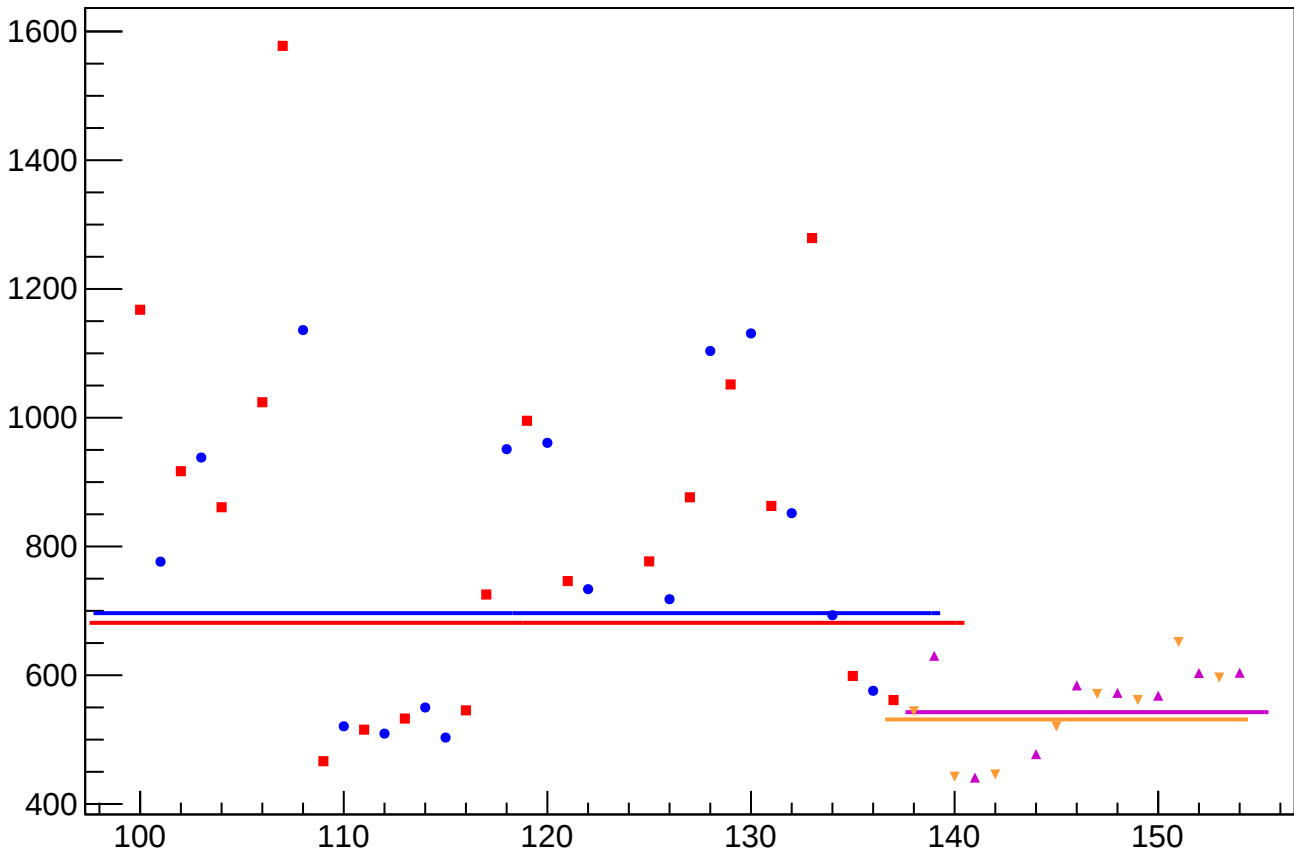
Right Out: -598.108 ± 272.052 χ^2/NDF : 12.2/18

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

-489.460 ± 174.114 χ^2/NDF : 46.1/23

-282.833 ± 167.933 χ^2/NDF : 22.0/26

asym_us_dd_correction_rms vs Slug



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

Left Out: 531.341+/-0.156 χ^2/NDF : 181592.0/7

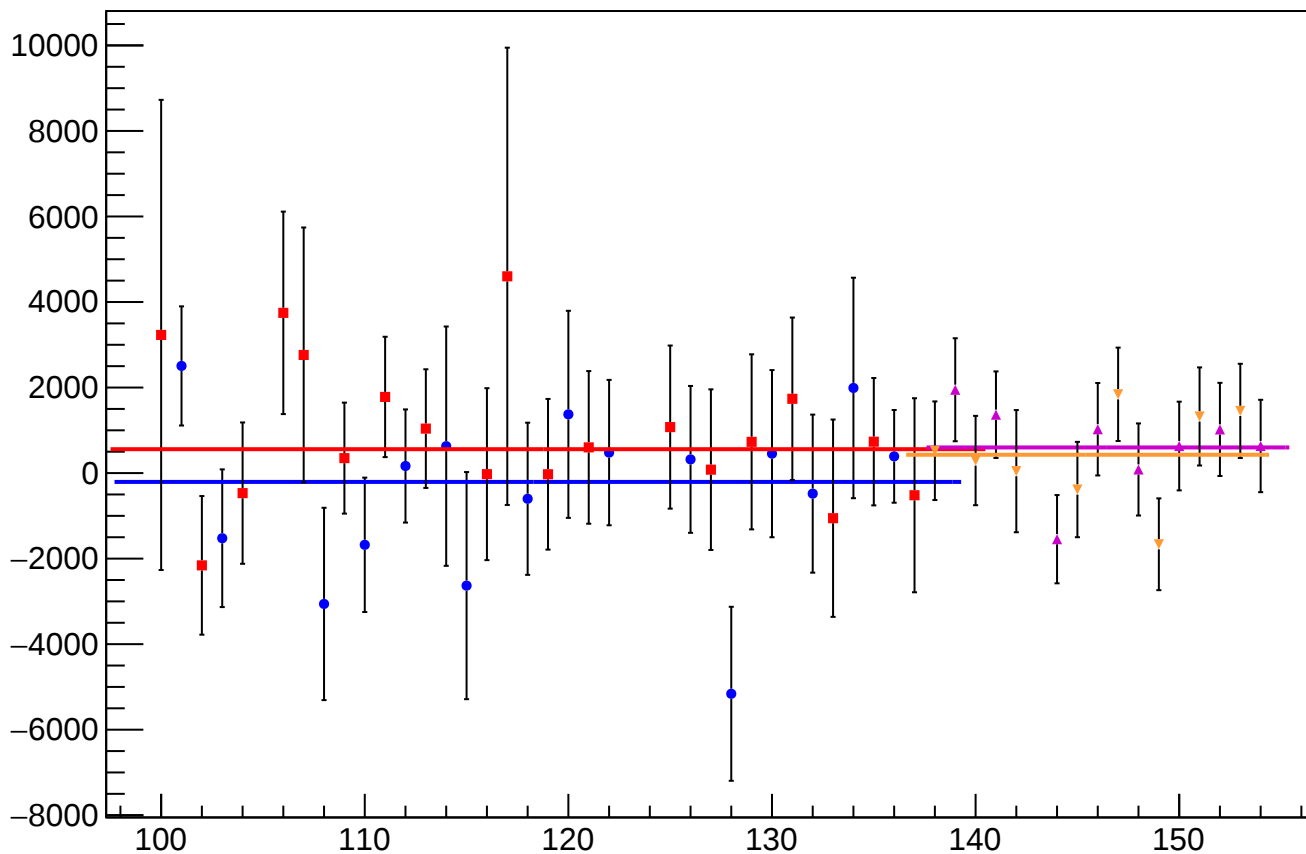
594.064+/-0.123 χ^2/NDF : 1564803.0/23

Right Out: 681.396+/-0.192 χ^2/NDF : 1352876.1/18

595.537+/-0.119 χ^2/NDF : 1873479.0/26

Left In: 542.681+/-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: 428.410 ± 399.855 χ^2/NDF : 7.6/7

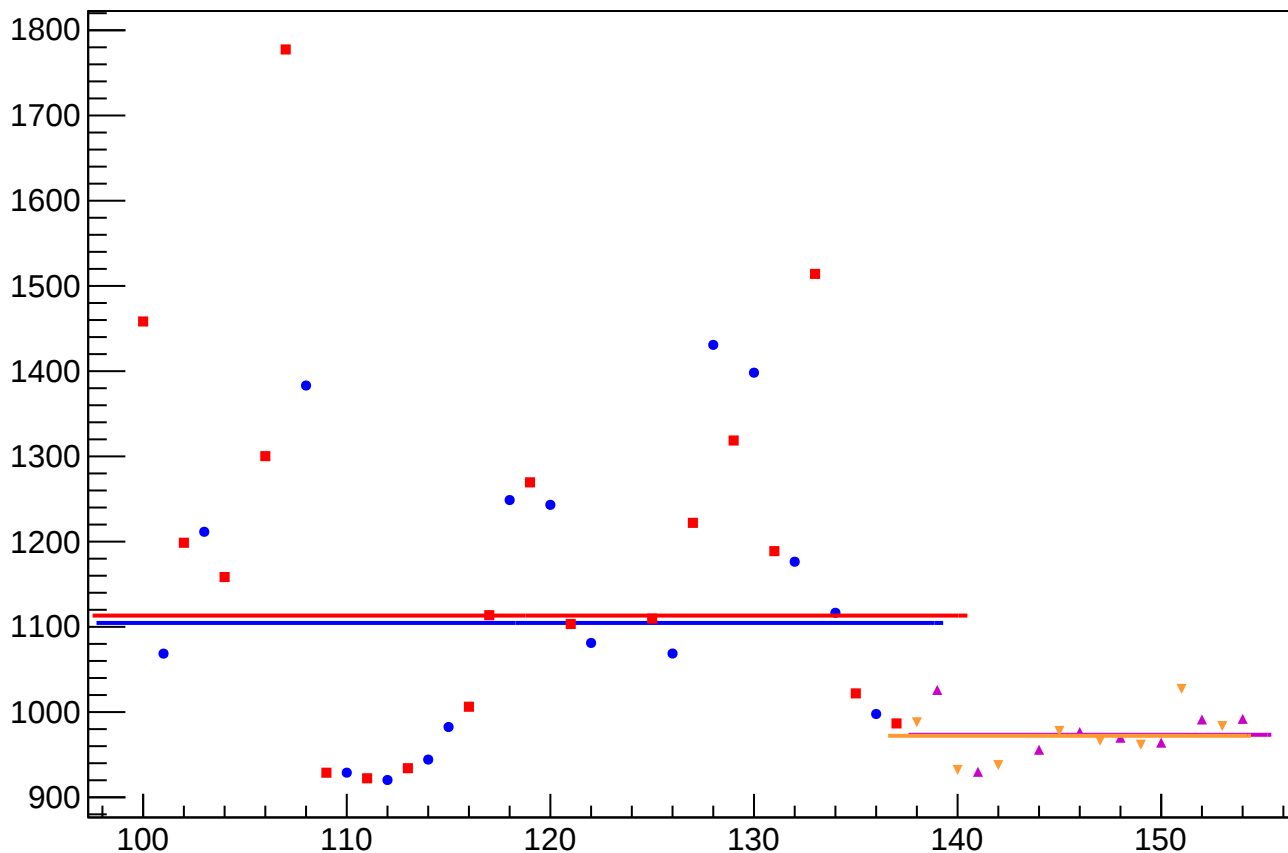
Right Out: 558.638 ± 425.771 χ^2/NDF : 8.7/18

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

136.799 ± 294.001 χ^2/NDF : 24.5/23

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: 972.158 $\pm$ 0.283 χ^2 /NDF: 9593.3/7

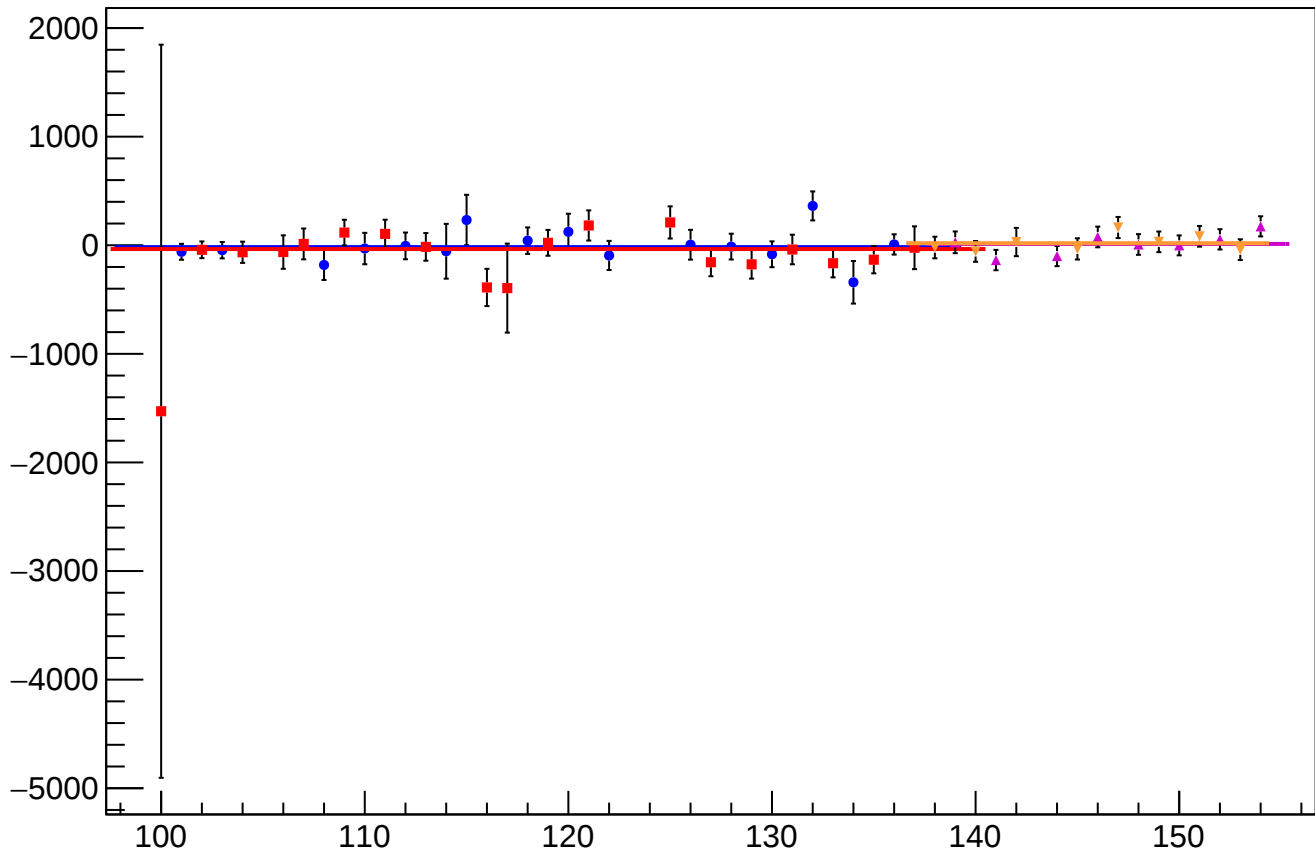
Right Out: 1113.218 $\pm$ 0.301 χ^2 /NDF: 362982.2/18

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

1032.998 $\pm$ 0.208 χ^2 /NDF: 365872.3/23

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: 18.821 ± 35.128 χ^2/NDF : 4.1/7

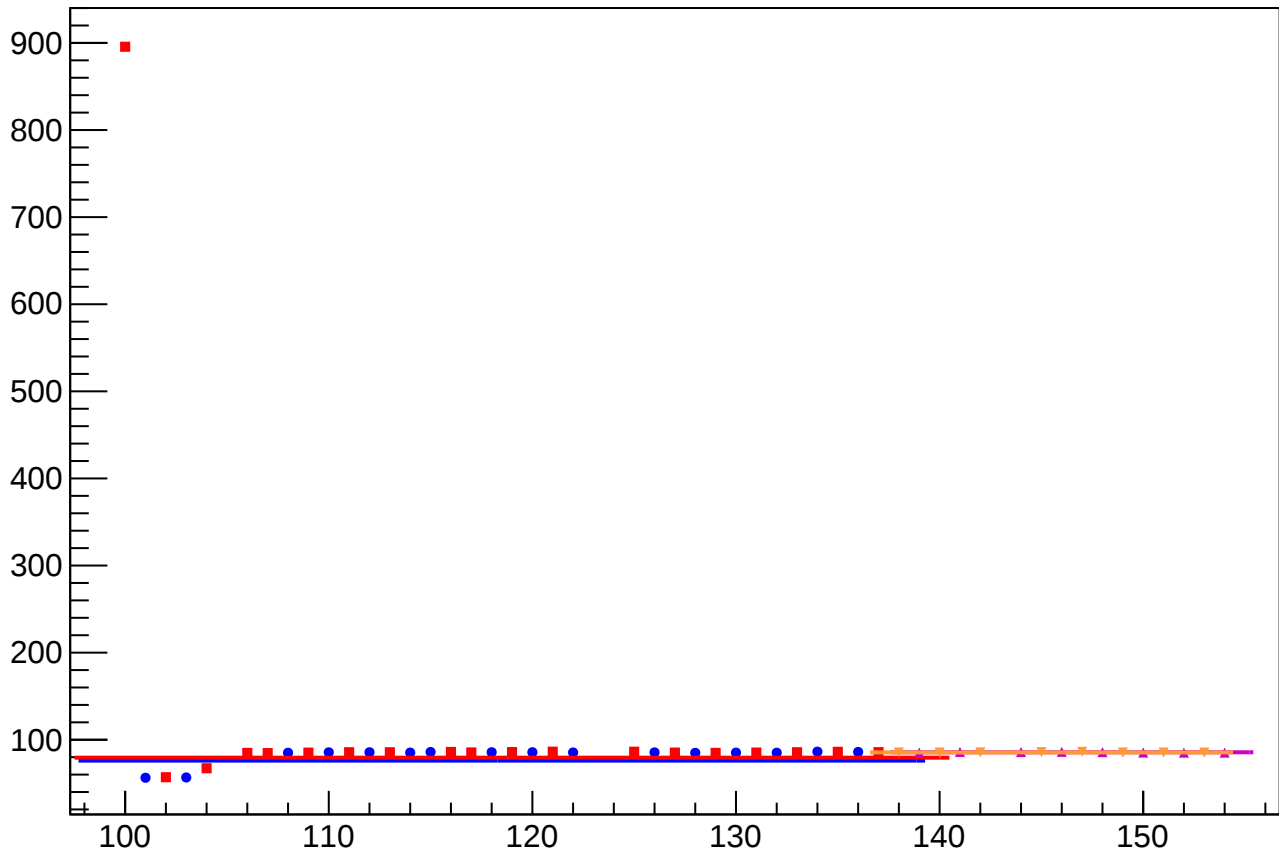
Right Out: -34.875 ± 30.363 χ^2/NDF : 17.3/18

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

-2.036 ± 22.807 χ^2/NDF : 20.3/23

-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: 85.477+/-0.025 χ^2/NDF :149.6/7

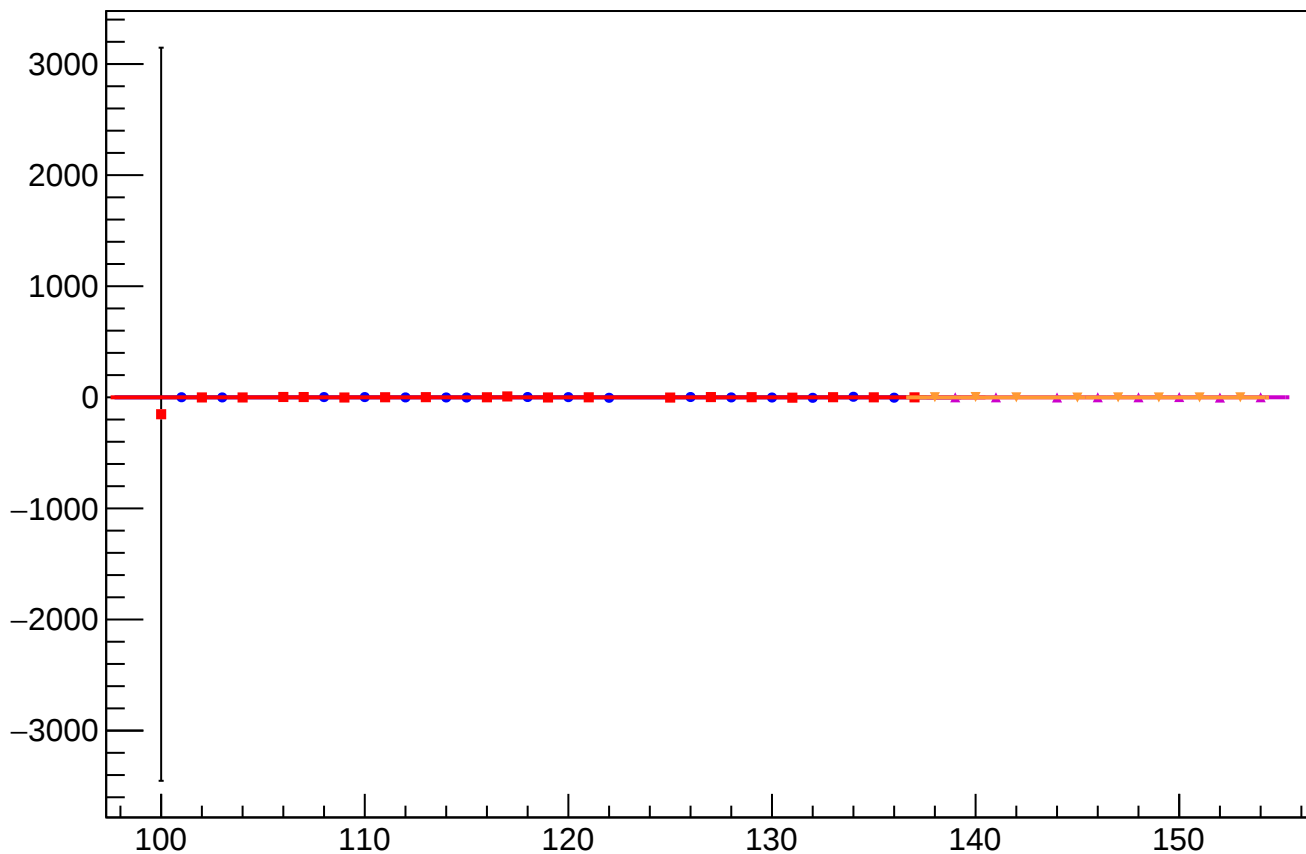
Right Out: 79.423+/-0.021 χ^2/NDF : 378959.4/18

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

80.041+/-0.016 χ^2/NDF : 492126.6/23

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: -0.430 ± 0.597 χ^2/NDF : 4.6/7

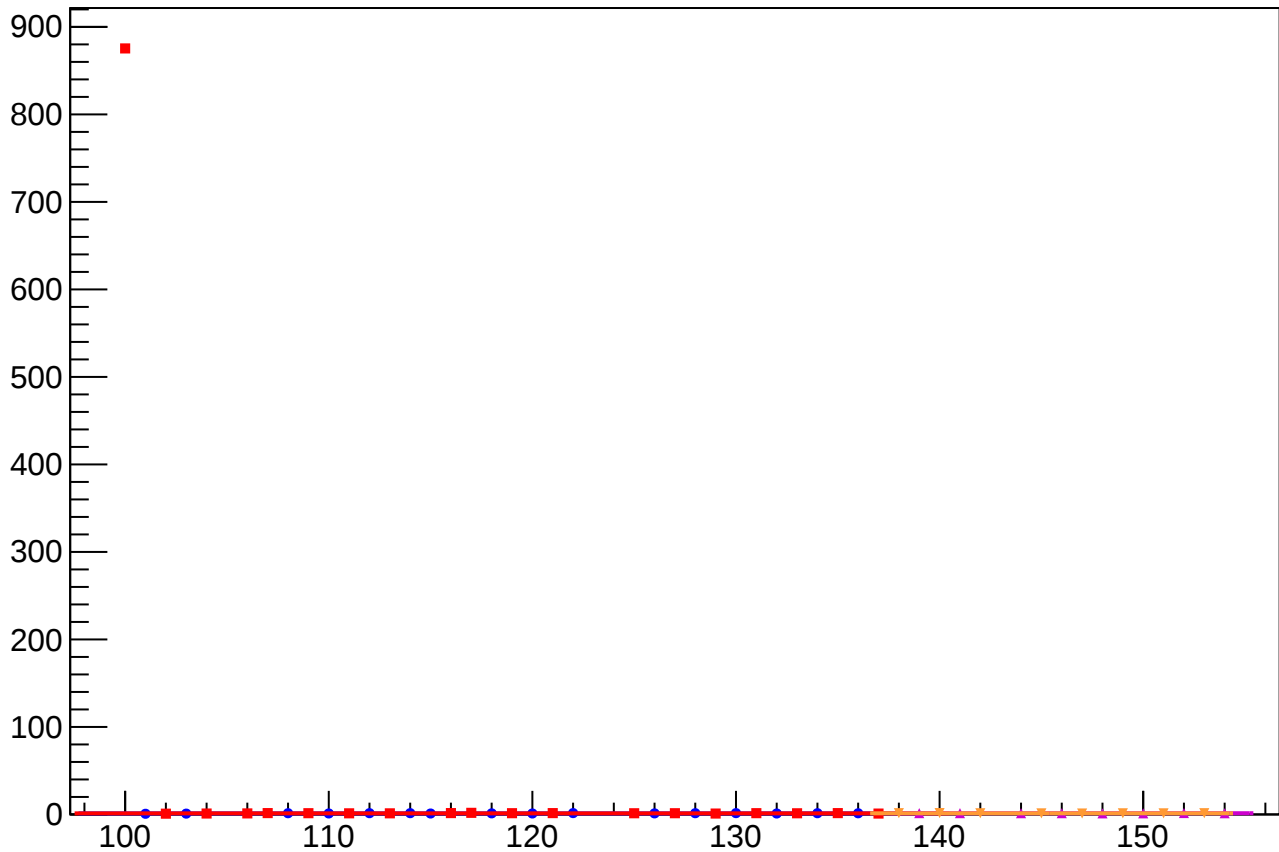
Right Out: -0.051 ± 0.520 χ^2/NDF : 9.8/18

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

-0.342 ± 0.384 χ^2/NDF : 25.8/23

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: 1.318 $\pm$ 0.000 χ^2 /NDF: 116960.1/7

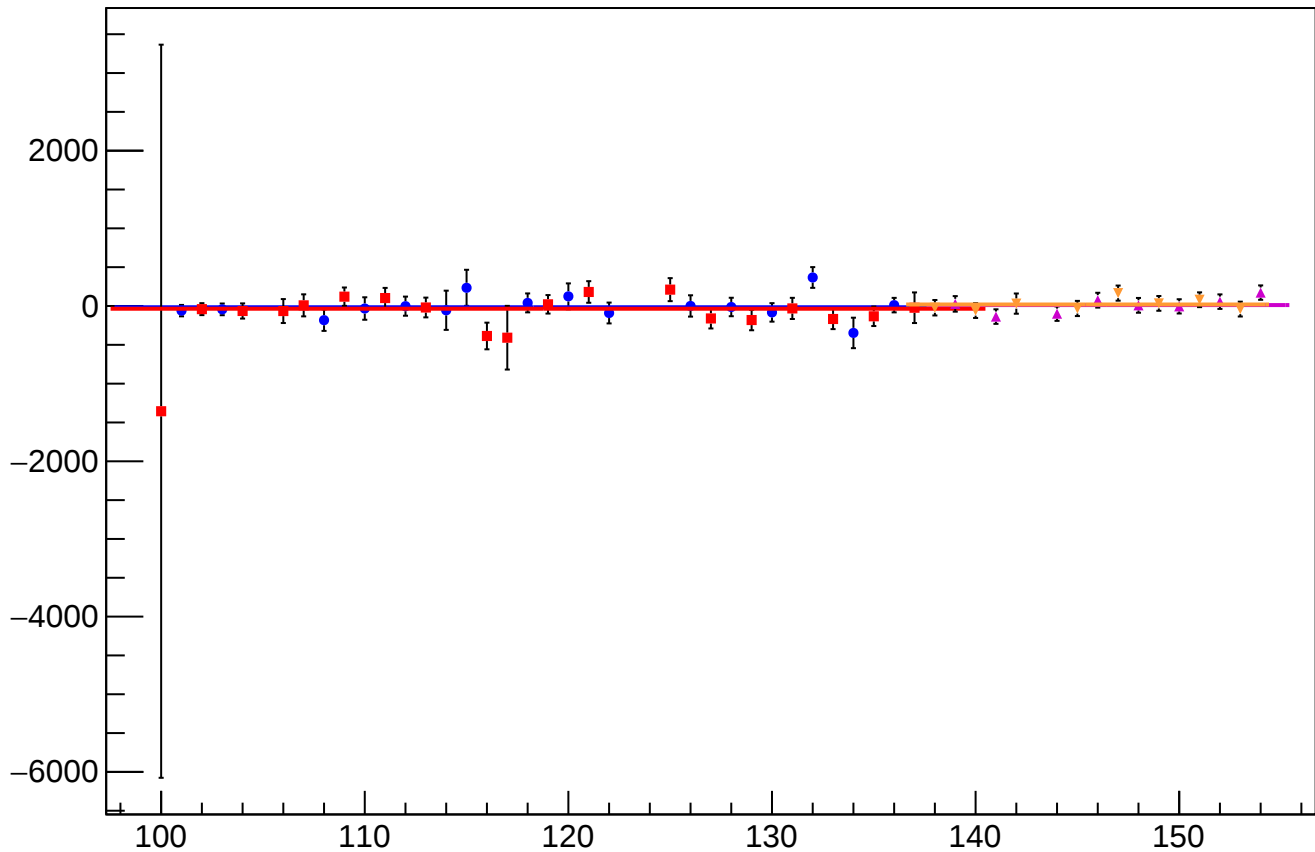
Right Out: 1.249 $\pm$ 0.000 χ^2 /NDF: 526097.8/18

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

1.221 $\pm$ 0.000 χ^2 /NDF: 721098.3/23

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: 19.229 ± 35.137 χ^2/NDF : 4.2/7

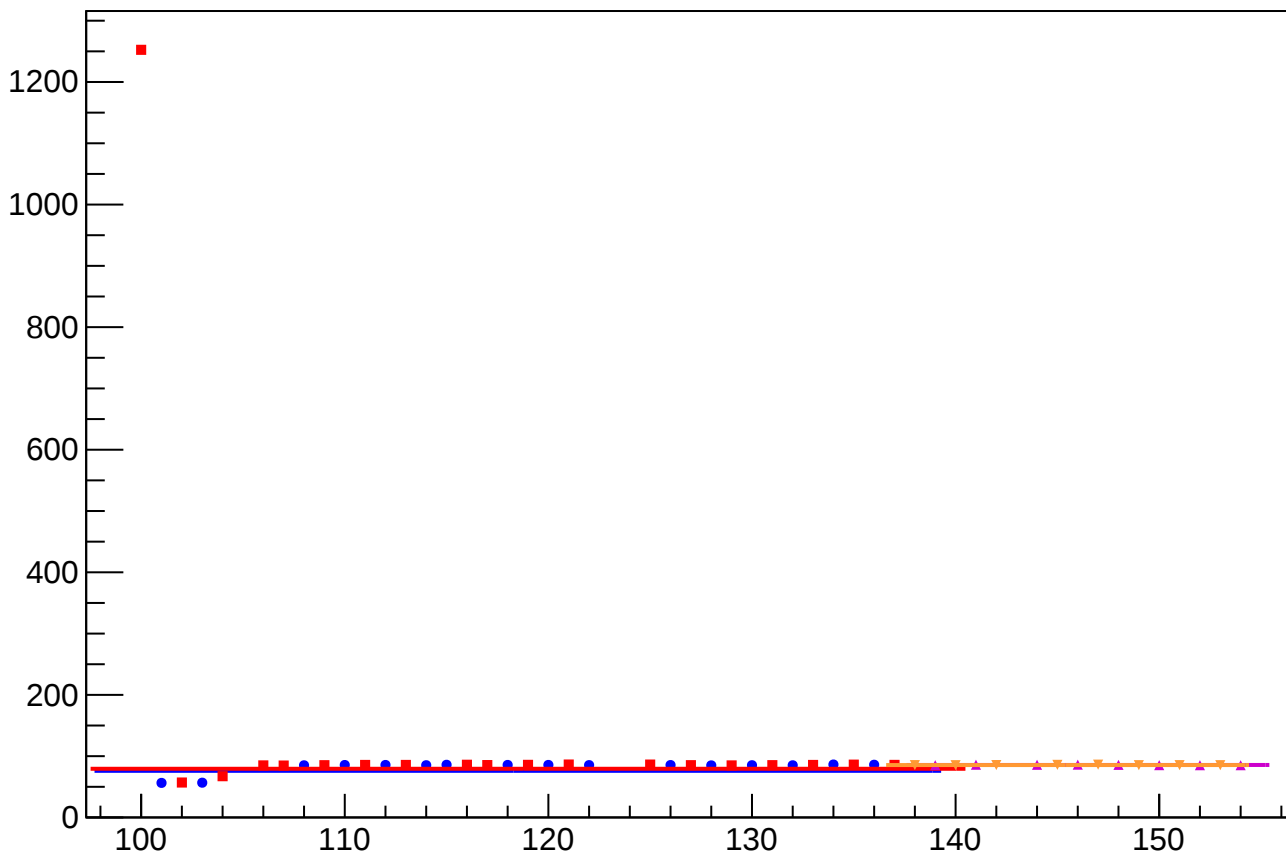
Right Out: -35.172 ± 30.371 χ^2/NDF : 17.4/18

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

-1.329 ± 22.813 χ^2/NDF : 20.7/23

-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: 85.500+/-0.025 χ^2 /NDF:149.6/7

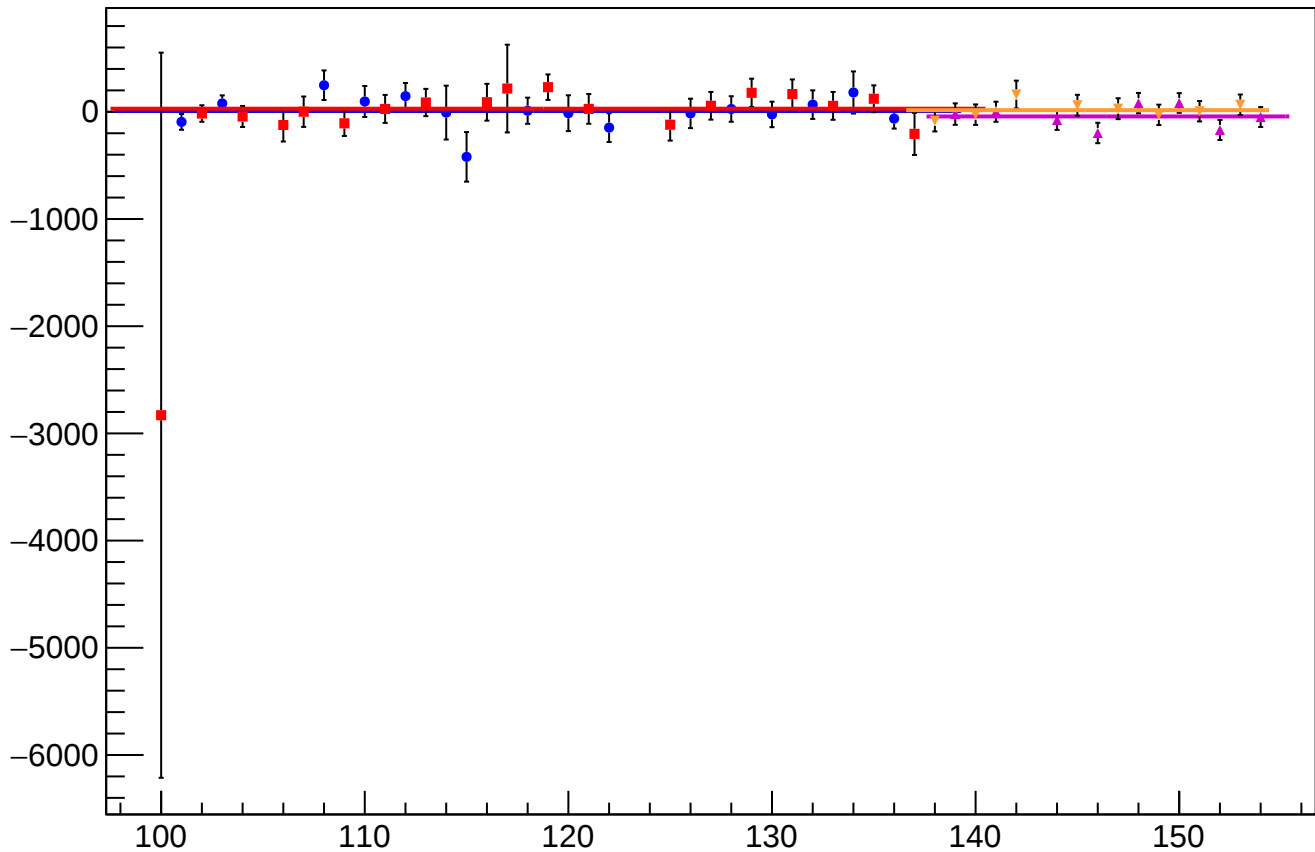
Right Out: 79.426+/-0.021 χ^2 /NDF: 385484.8/18

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

80.062+/-0.016 χ^2 /NDF: 492159.0/23

82.247+/-0.016 χ^2 /NDF: 423783.0/26

reg_asym_ds_dd_mean vs Slug



Right In: 7.460 $\pm$ 29.969 χ^2 /NDF: 13.9/15

Left Out: 15.326 $\pm$ 35.131 χ^2 /NDF: 3.2/7

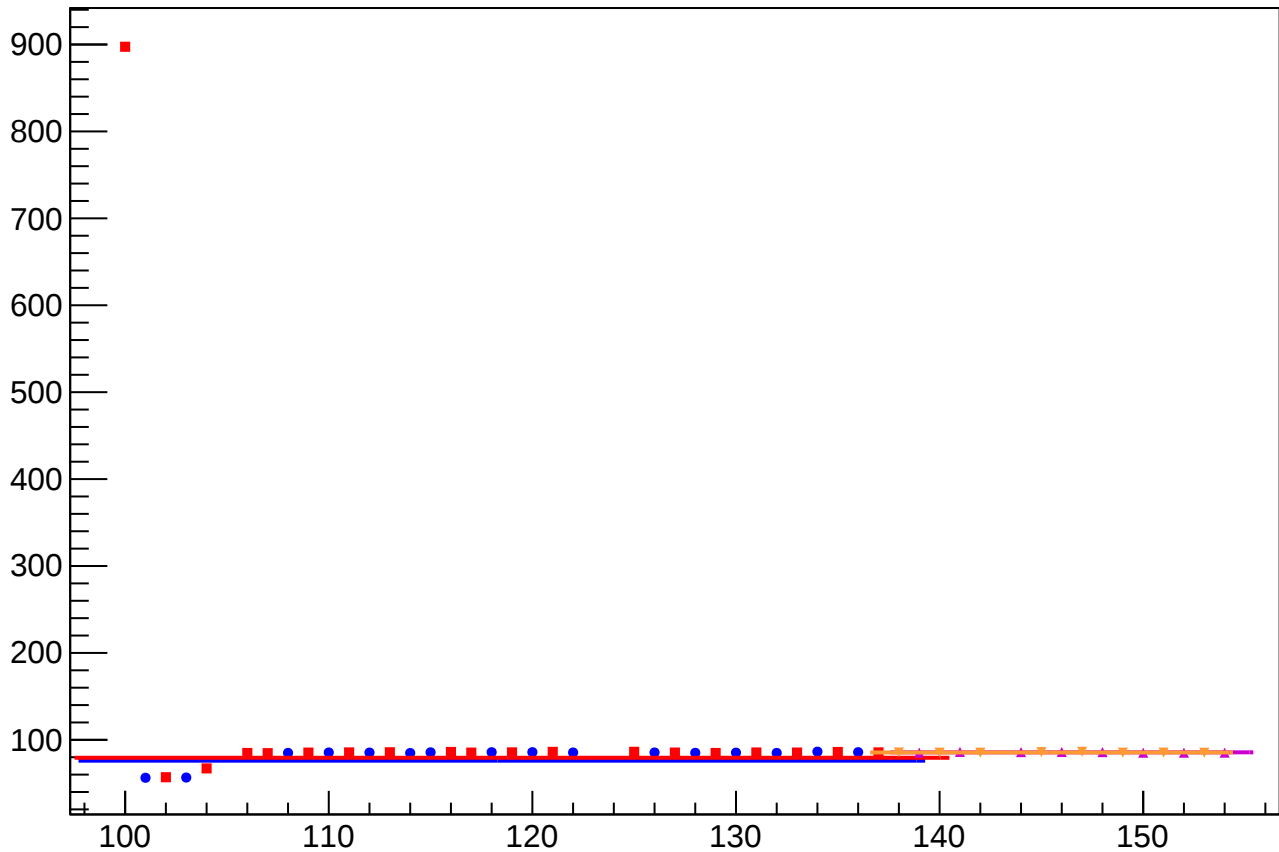
Right Out: 28.958 $\pm$ 30.344 χ^2 /NDF: 12.7/18

Left In: -43.201 $\pm$ 33.344 χ^2 /NDF: 8.4/7

10.773 $\pm$ 22.800 χ^2 /NDF: 17.1/23

-3.730 $\pm$ 22.442 χ^2 /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: 85.485 $\pm$ 0.025 χ^2 /NDF:204.7/7

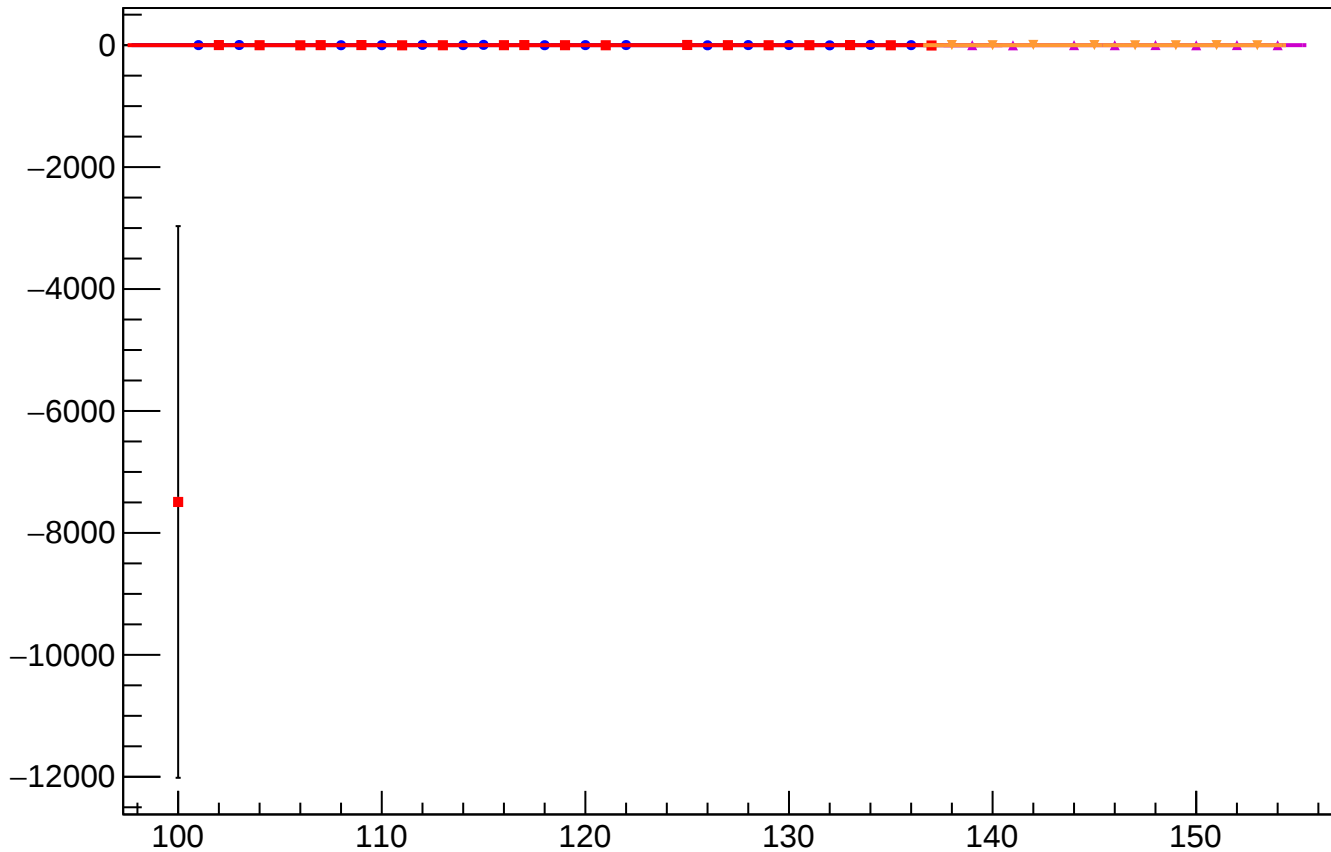
Right Out: 79.375 $\pm$ 0.021 χ^2 /NDF: 378794.5/18

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

80.014 $\pm$ 0.016 χ^2 /NDF: 492942.6/23

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: -0.351 ± 0.586 χ^2/NDF : 7.4/7

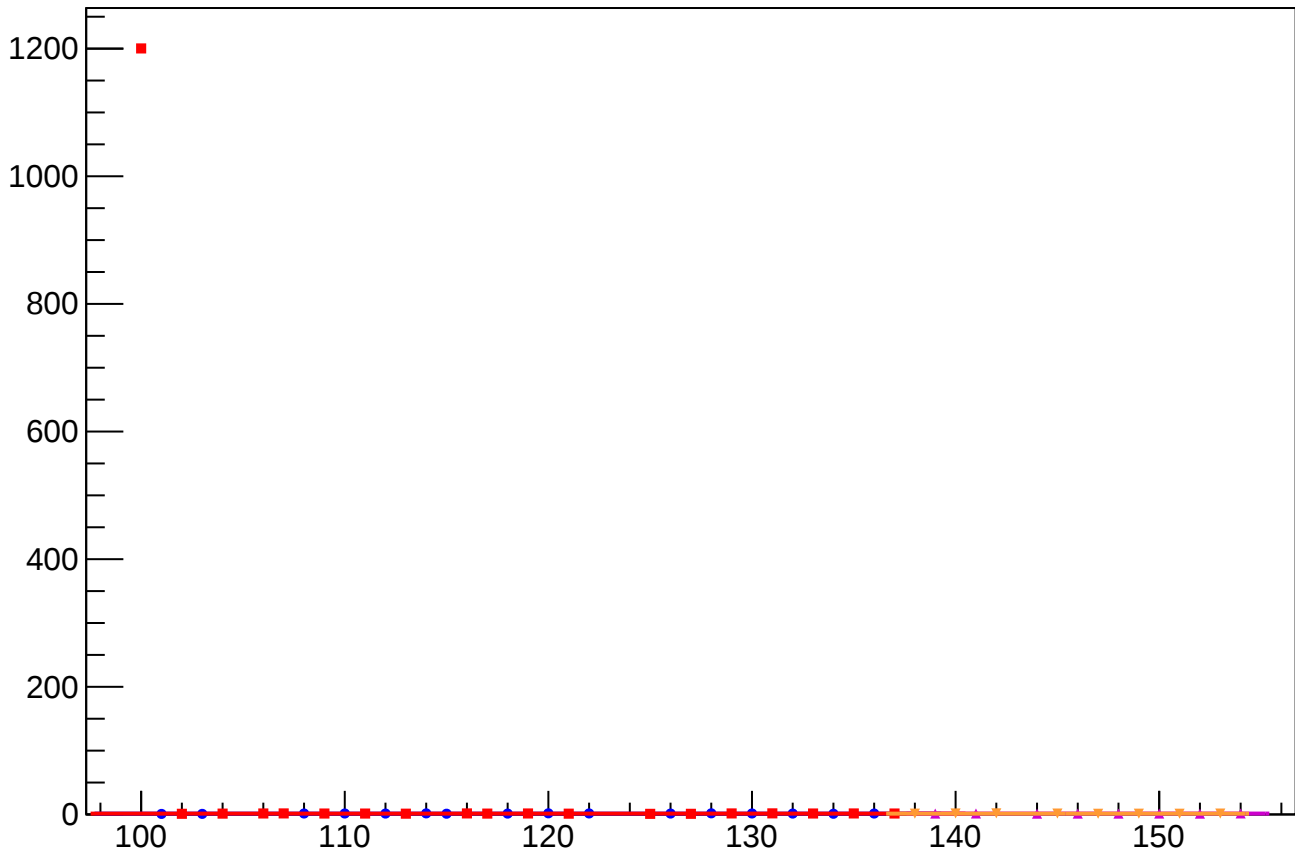
Right Out: -0.304 ± 0.547 χ^2/NDF : 12.6/18

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

0.341 ± 0.394 χ^2/NDF : 21.9/23

-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: 1.285 $\pm$ 0.000 χ^2 /NDF:183371.0/7

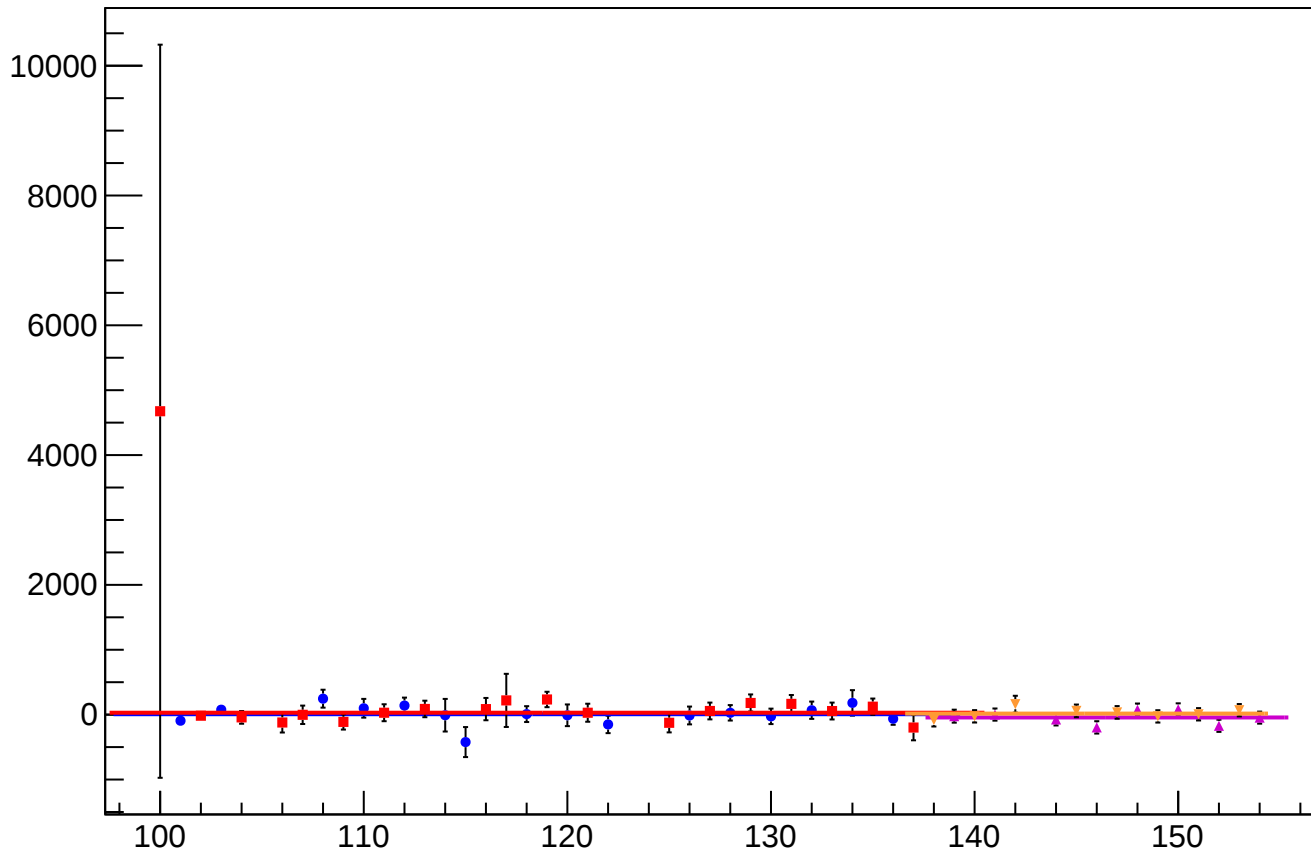
Right Out: 1.318 $\pm$ 0.000 χ^2 /NDF: 521623.7/18

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

1.259 $\pm$ 0.000 χ^2 /NDF: 848350.4/23

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: 16.288 ± 35.140 χ^2/NDF : 3.2/7

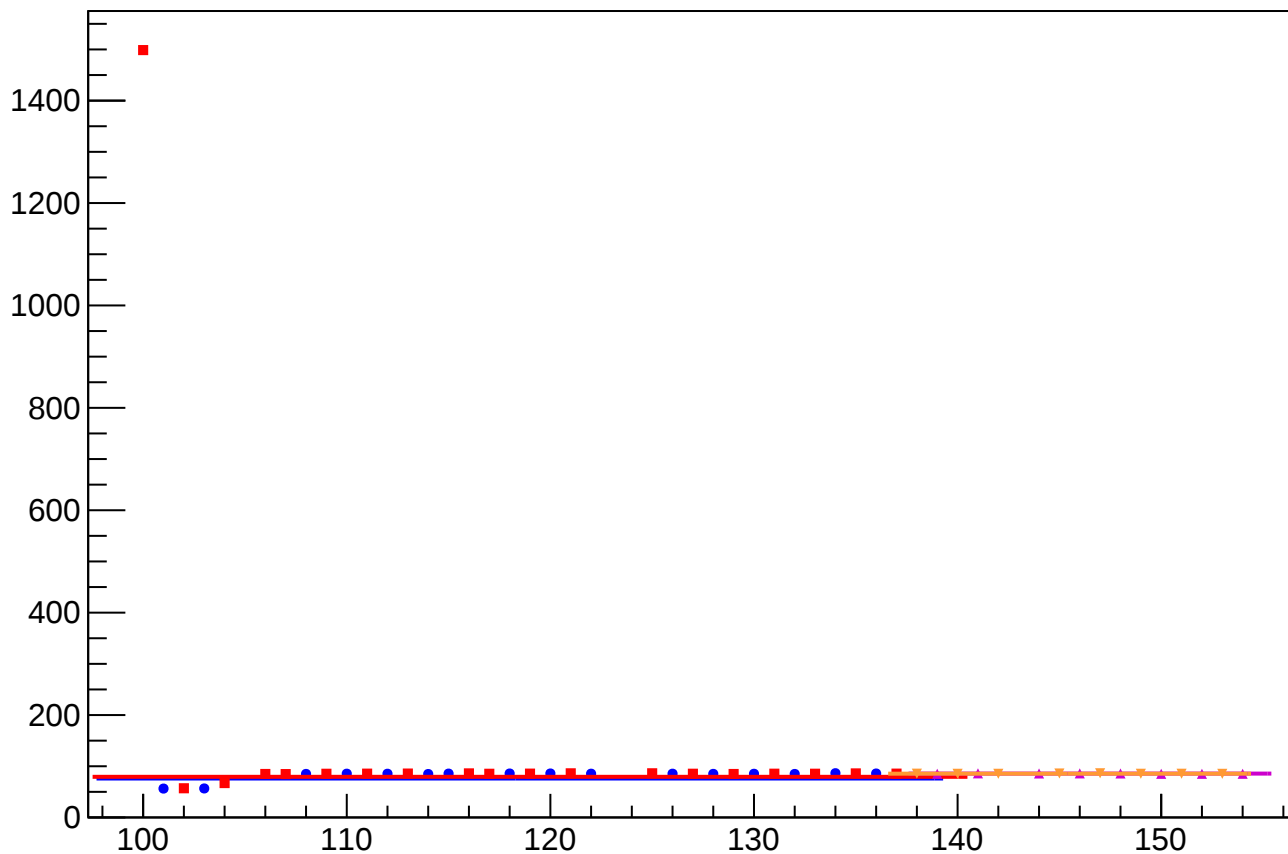
Right Out: 29.600 ± 30.353 χ^2/NDF : 12.9/18

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

10.785 ± 22.806 χ^2/NDF : 17.0/23

-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: 85.508+/-0.025 χ^2/NDF : 204.3/7

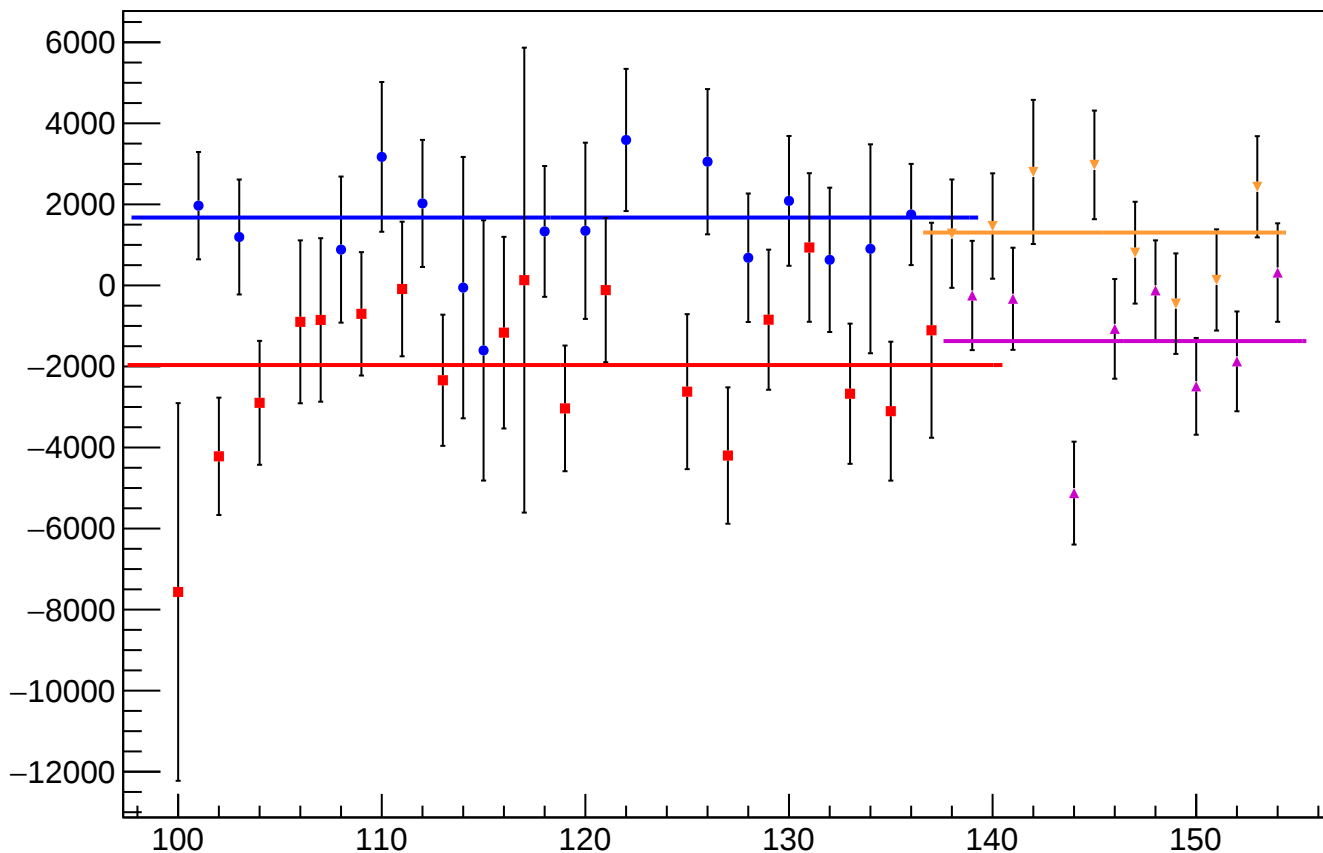
Right Out: 79.371+/-0.021 χ^2/NDF : 388057.0/18

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

80.035+/-0.016 χ^2/NDF : 492975.2/23

82.221+/-0.016 χ^2/NDF : 427219.1/26

reg_asym_usl_mean vs Slug



Right In: 1674.993 ± 430.597 $\chi^2/\text{NDF}: 5.1/15$

Left Out: 1304.835 ± 466.751 $\chi^2/\text{NDF}: 6.1/7$

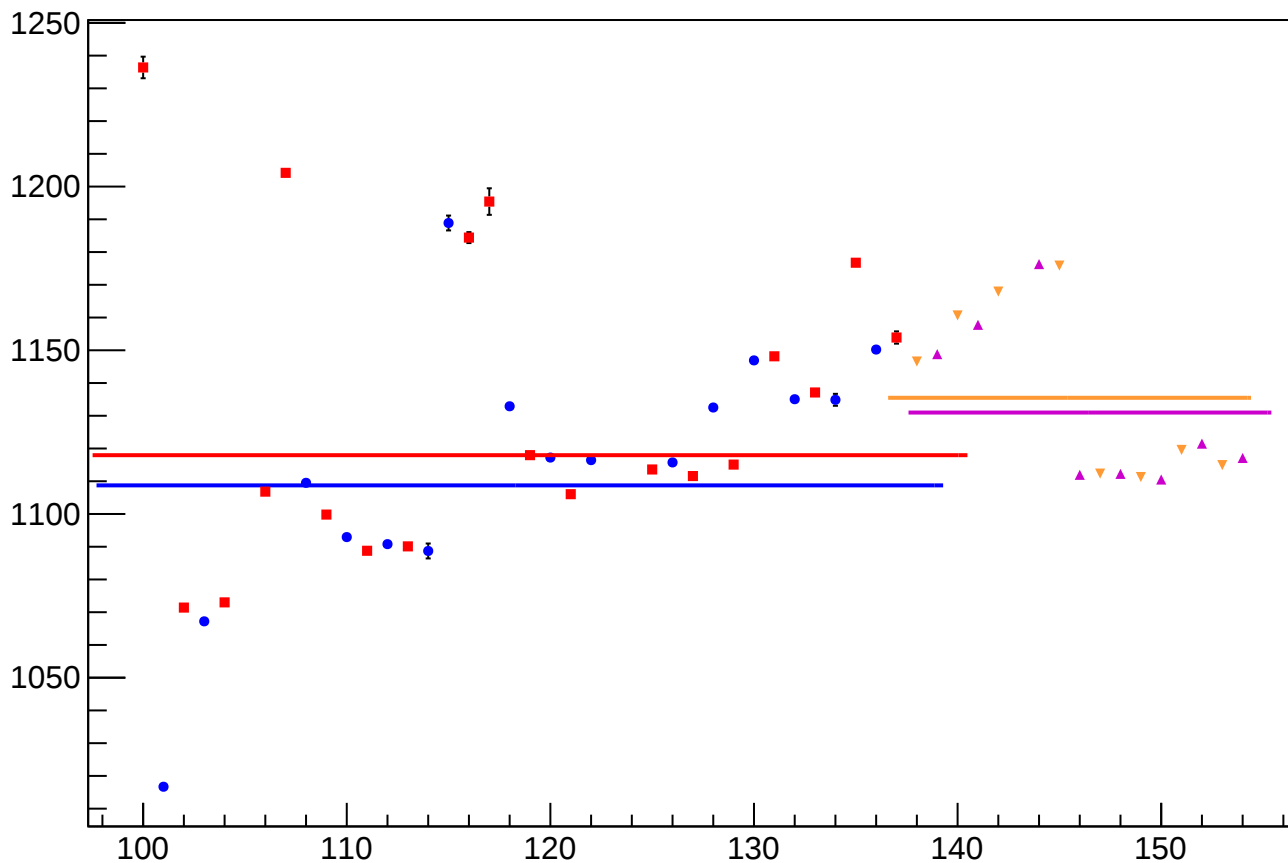
Right Out: -1964.936 ± 421.265 $\chi^2/\text{NDF}: 14.2/18$

Left In: -1373.486 ± 440.431 $\chi^2/\text{NDF}: 14.2/7$

1504.804 ± 316.489 $\chi^2/\text{NDF}: 11.6/23$

-1682.360 ± 304.430 $\chi^2/\text{NDF}: 29.3/26$

reg_asym_usl_rms vs Slug



Right In: 1108.739 ± 0.304 χ^2/NDF : 18080.7/15

Left Out: 1135.489 ± 0.330 χ^2/NDF : 5674.7/7

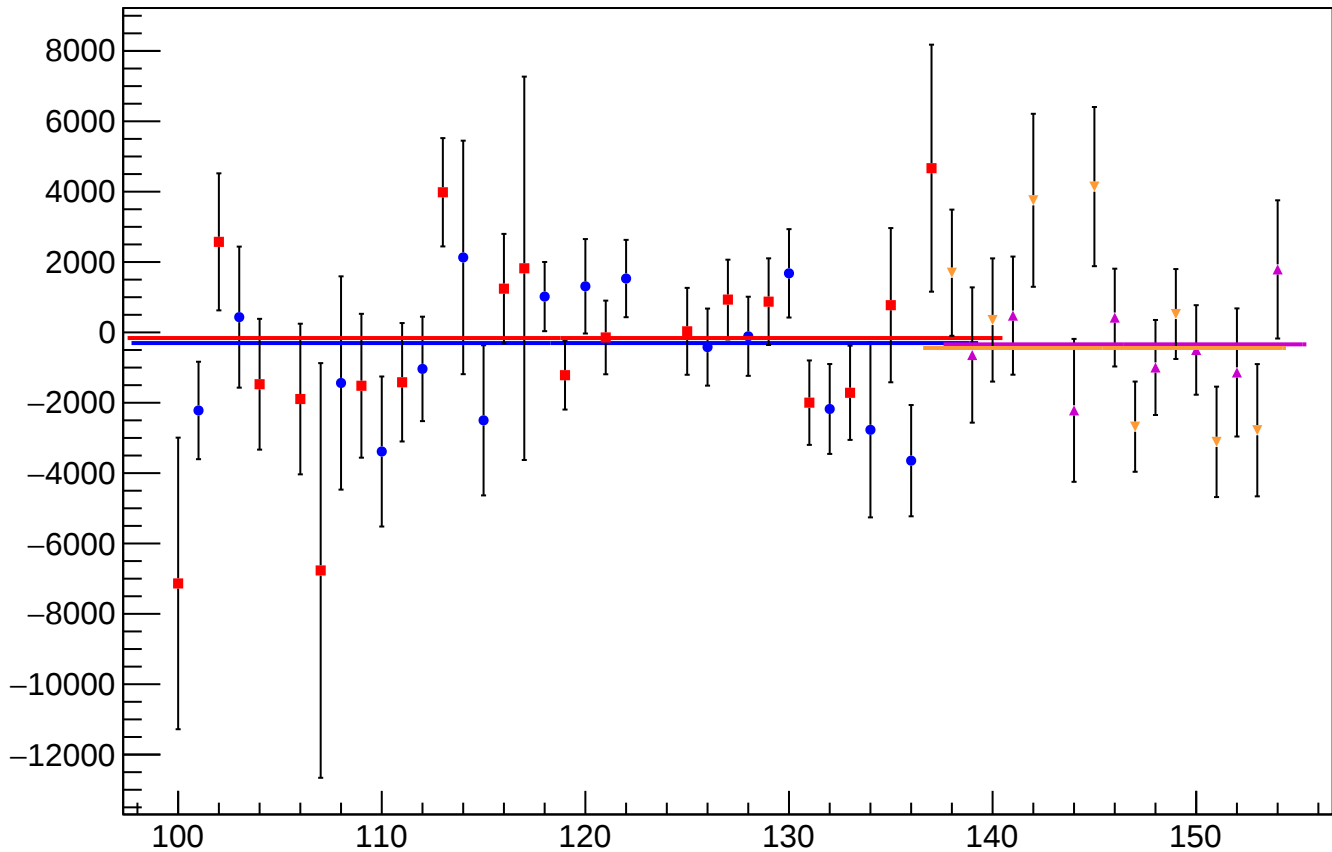
Right Out: 1117.959 ± 0.298 χ^2/NDF : 15881.8/18

Left In: 1130.980 ± 0.311 χ^2/NDF : 5710.2/7

1121.038 ± 0.224 χ^2/NDF : 27304.3/23

1124.180 ± 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: -442.606 ± 586.458 χ^2/NDF : 16.7/7

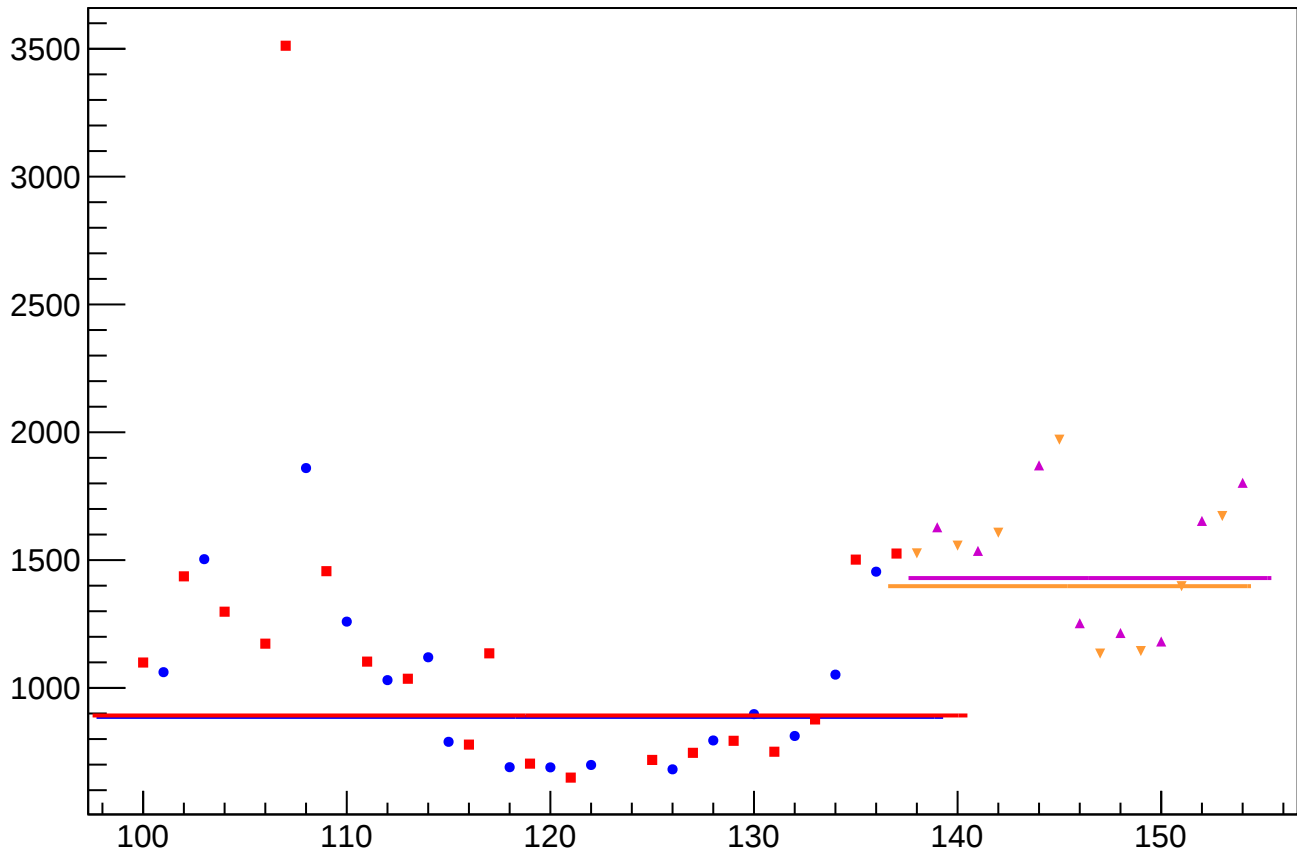
Right Out: -160.376 ± 355.478 χ^2/NDF : 25.0/18

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

-341.462 ± 306.849 χ^2/NDF : 39.0/23

-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: 1398.015+/-0.415 χ^2/NDF : 375530.2/7

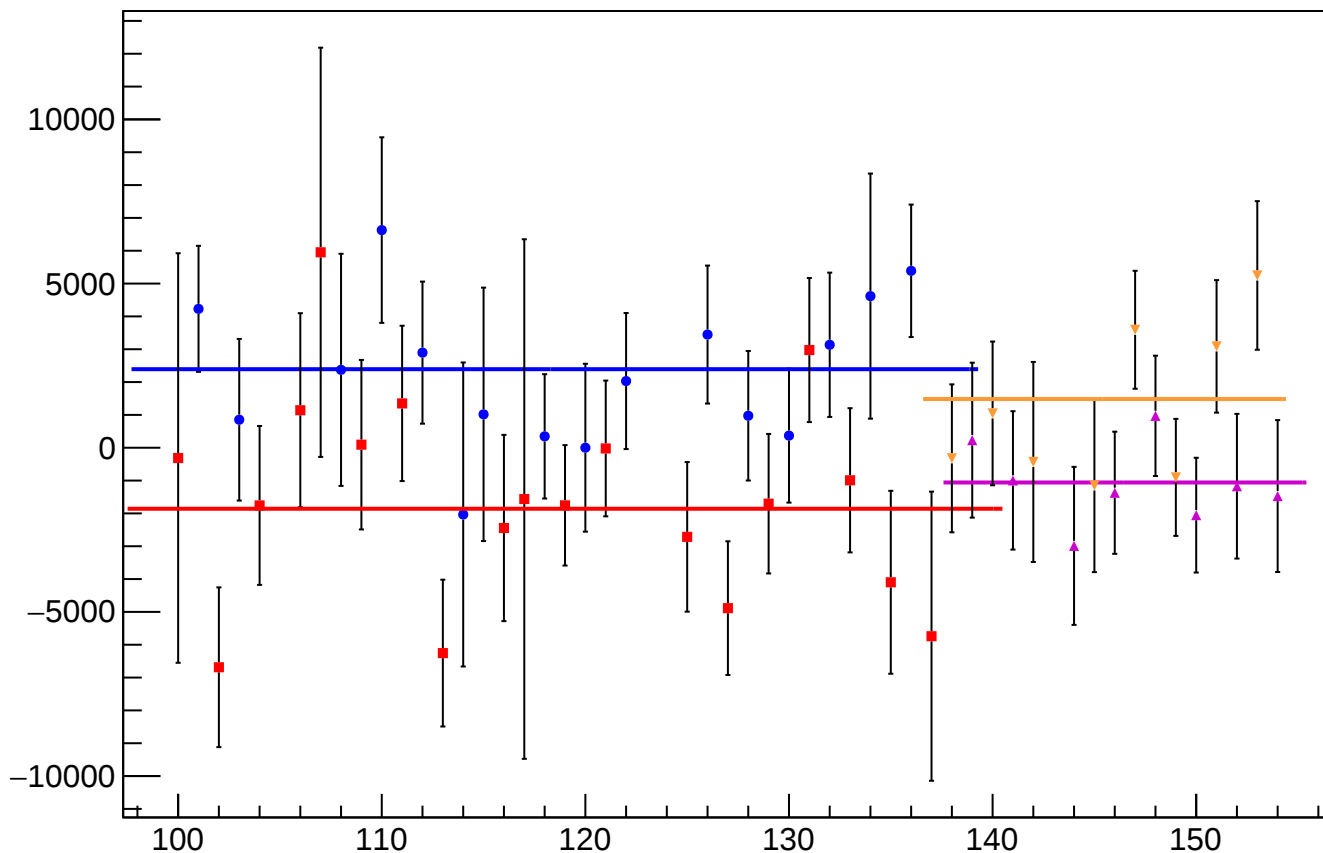
Right Out: 892.236+/-0.251 χ^2/NDF : 1418185.6/18

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

1026.672+/-0.217 χ^2/NDF : 2540540.1/23

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

asym_usl_mean vs Slug



Right In: 2392.385+/-588.991 χ^2/NDF : 11.2/15

Left Out: 1483.502+/-761.951 χ^2/NDF : 8.6/7

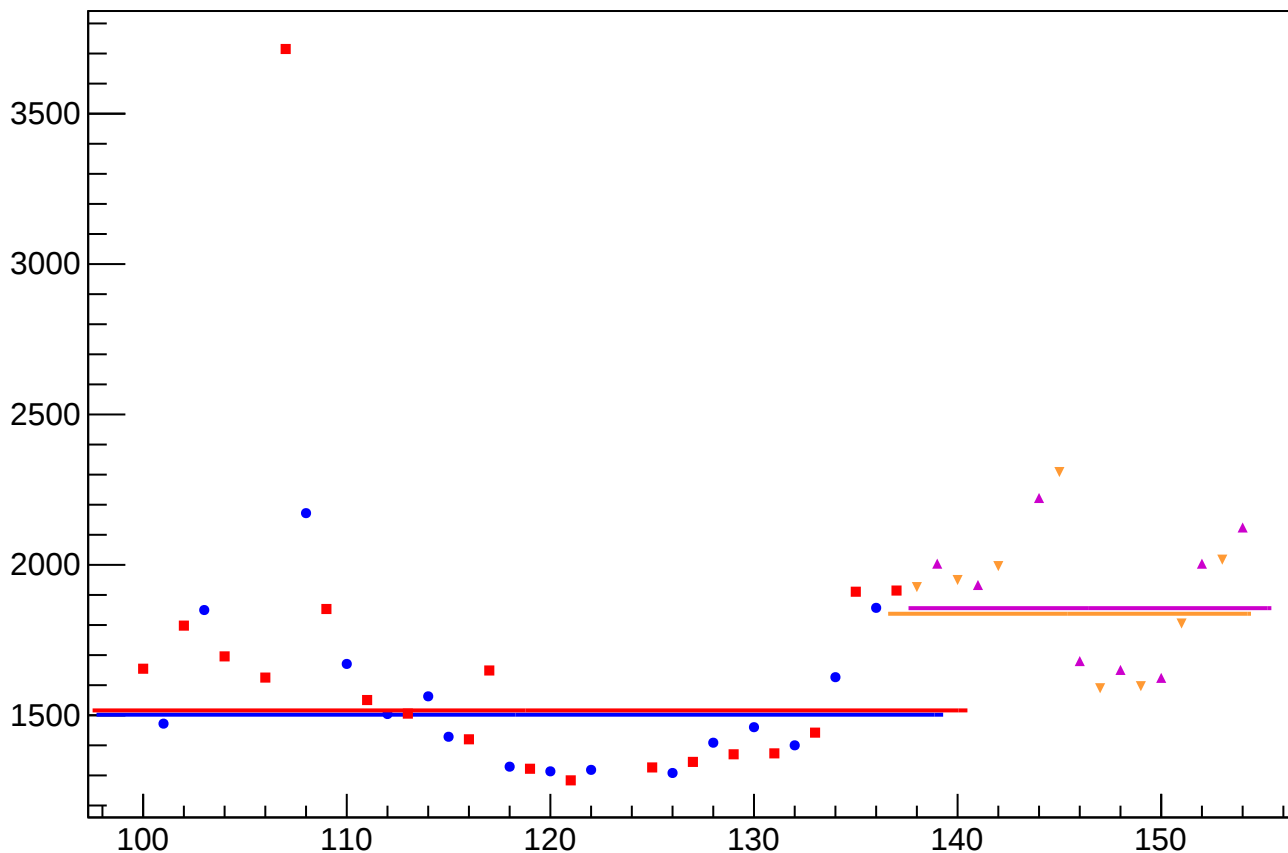
Right Out: -1858.263+/-581.542 χ^2/NDF : 22.5/18

Left In: -1058.507+/-728.499 χ^2/NDF : 2.6/7

2052.430+/-465.997 χ^2/NDF : 20.7/23

-1546.985+/-454.490 χ^2/NDF : 25.8/26

asym_usl_rms vs Slug



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

Left Out: 1837.477+/-0.539 χ^2/NDF : 165045.3/7

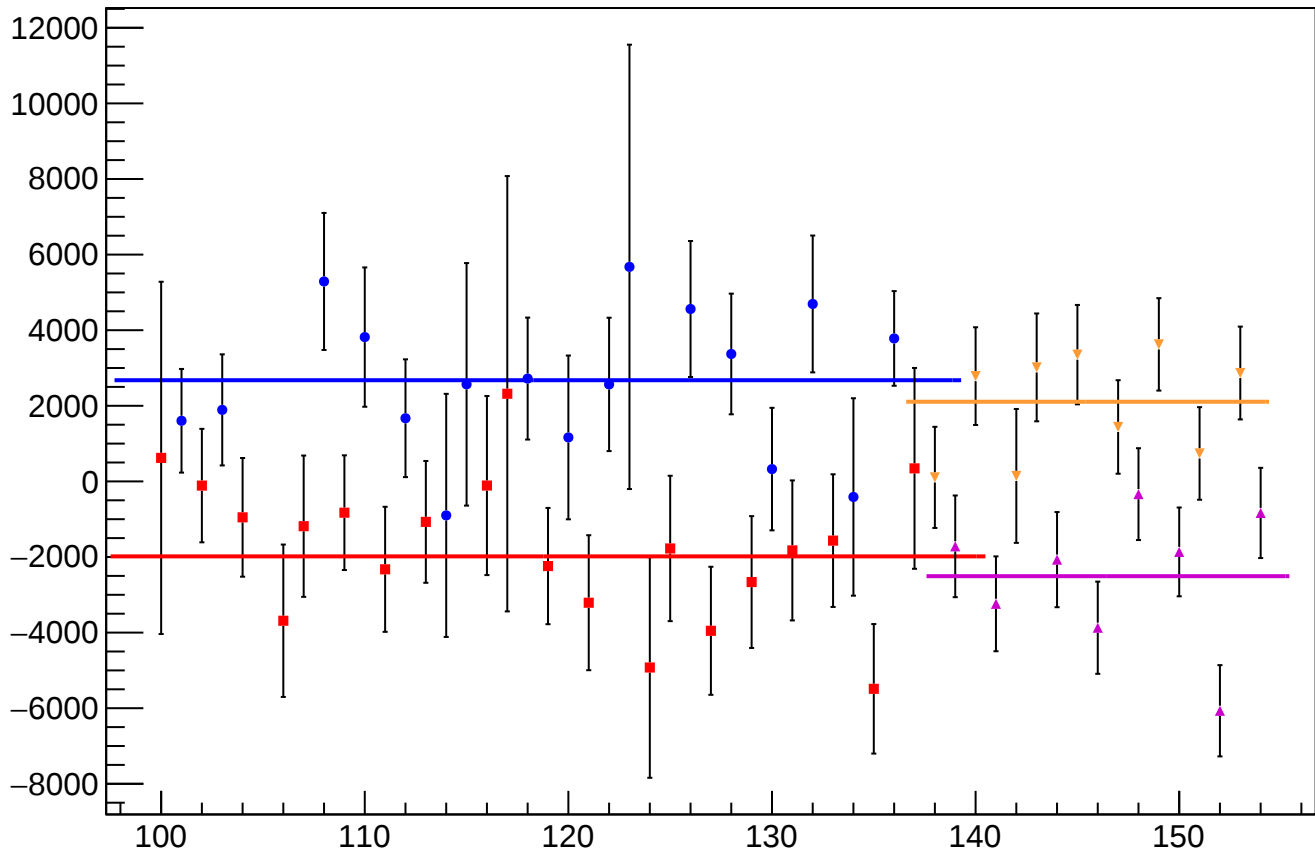
Right Out: 1516.127+/-0.411 χ^2/NDF : 480325.9/18

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

1627.441+/-0.330 χ^2/NDF : 662375.7/23

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

reg_asym_usr_mean vs Slug



Right In: 2676.683 ± 433.582 χ^2/NDF : 12.6/16

Left Out: 2107.533 ± 438.577 χ^2/NDF : 8.5/8

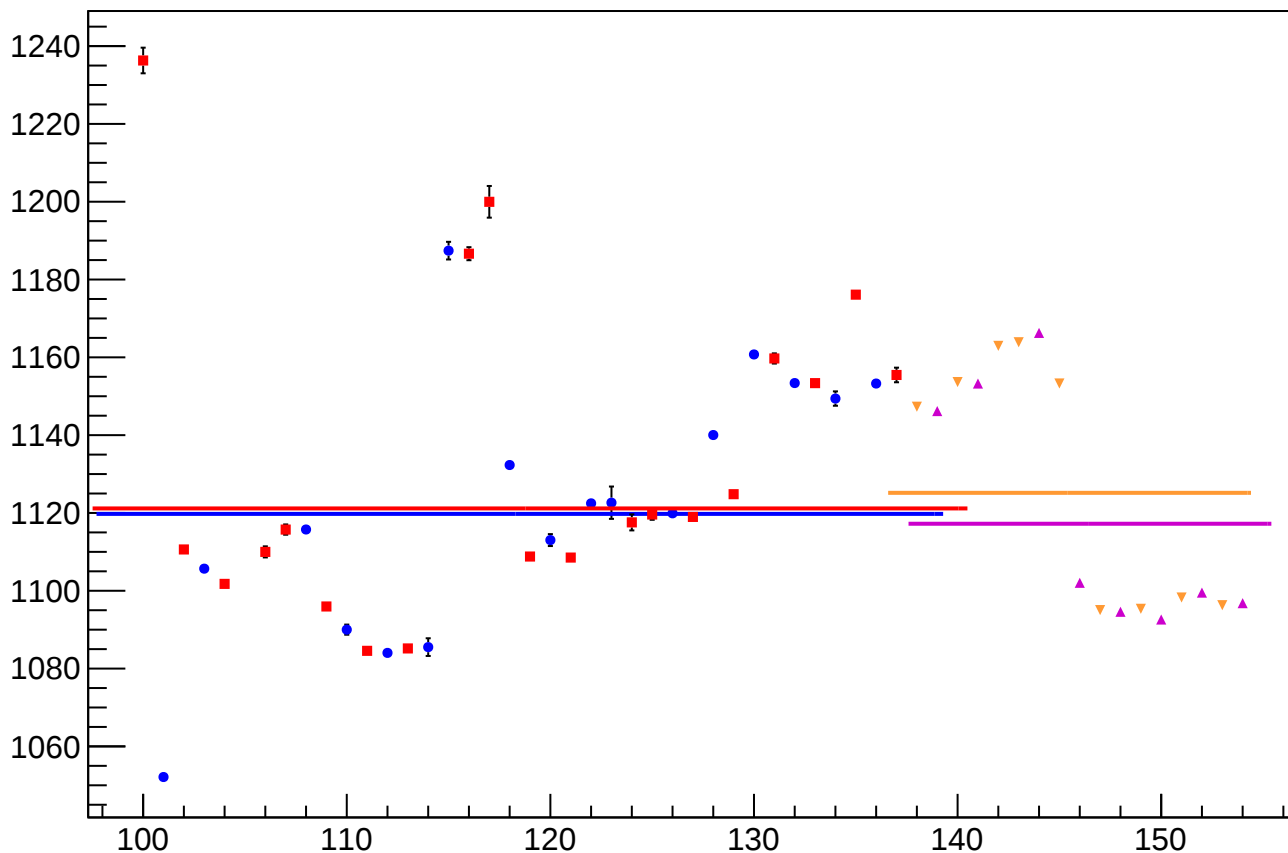
Right Out: -1983.779 ± 418.059 χ^2/NDF : 13.4/19

Left In: -2507.356 ± 435.122 χ^2/NDF : 16.2/7

2395.368 ± 308.340 χ^2/NDF : 21.9/25

-2235.100 ± 301.464 χ^2/NDF : 30.3/27

reg_asym_usr_rms vs Slug



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

Left Out: 1125.174+/-0.310 χ^2 /NDF: 9262.6/8

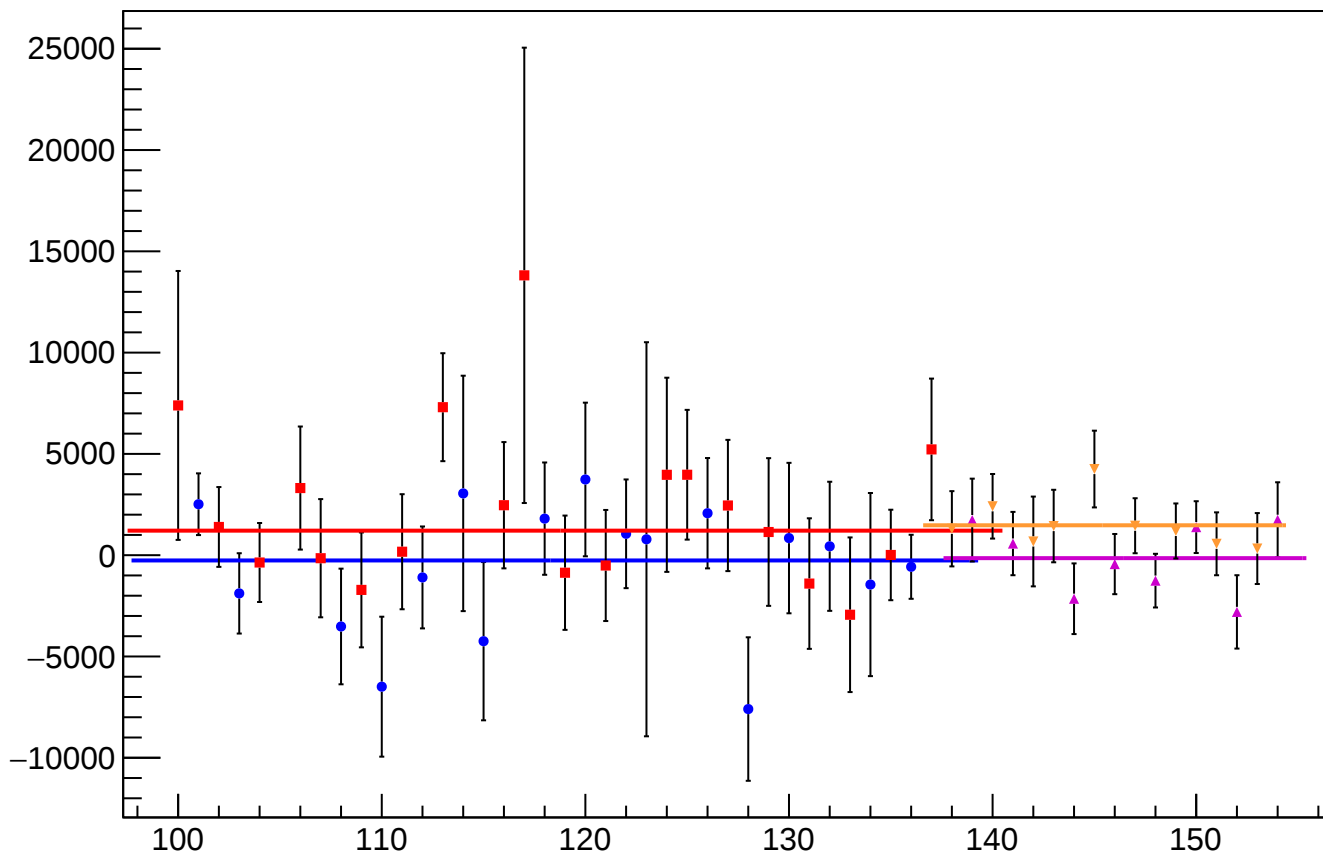
Right Out: 1121.164+/-0.296 χ^2 /NDF: 10310.8/19

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

1122.437+/-0.218 χ^2 /NDF: 21293.5/25

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: 1476.322 ± 550.164 χ^2/NDF : 3.5/8

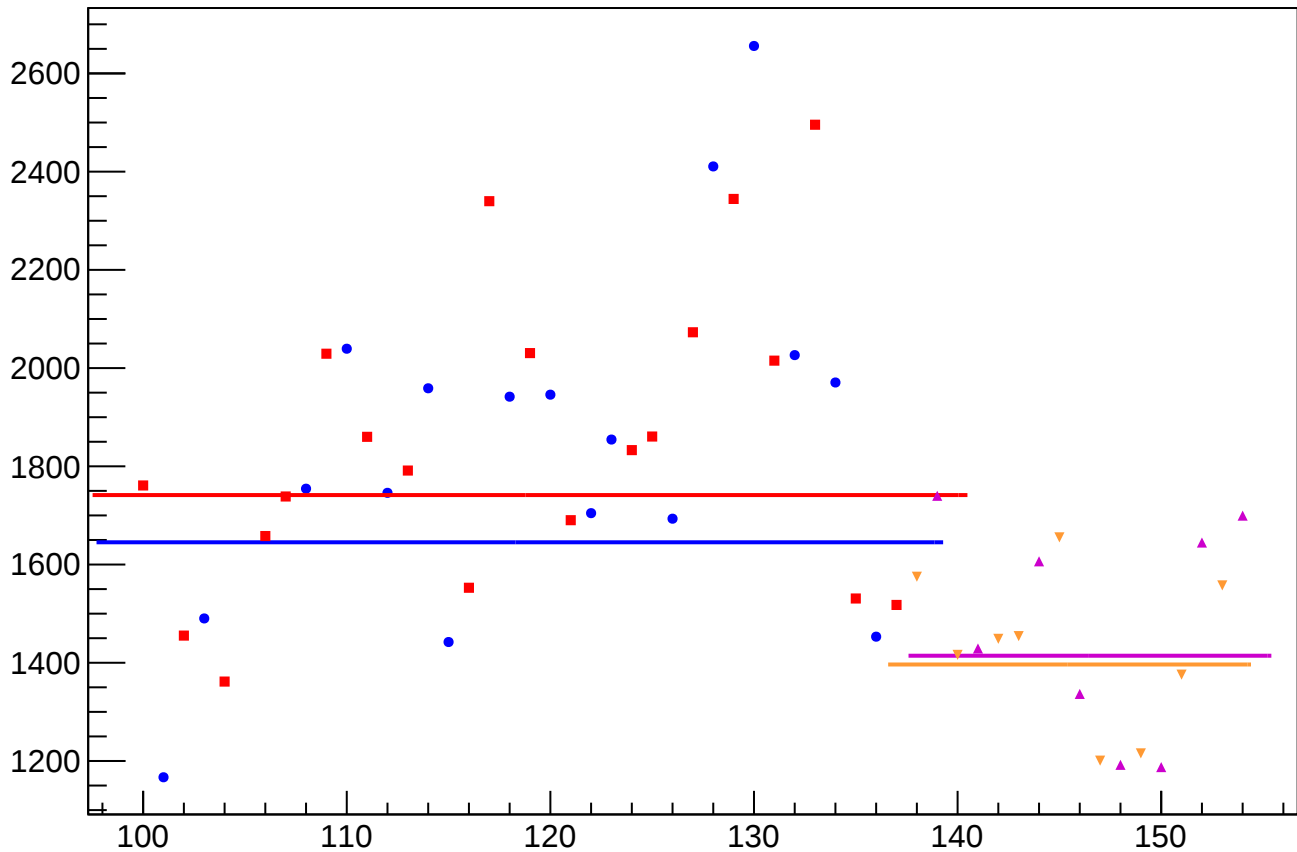
Right Out: 1211.378 ± 661.281 χ^2/NDF : 15.7/19

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

758.495 ± 421.348 χ^2/NDF : 24.8/25

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: 1396.479 ± 0.389 χ^2/NDF : 153751.3/8

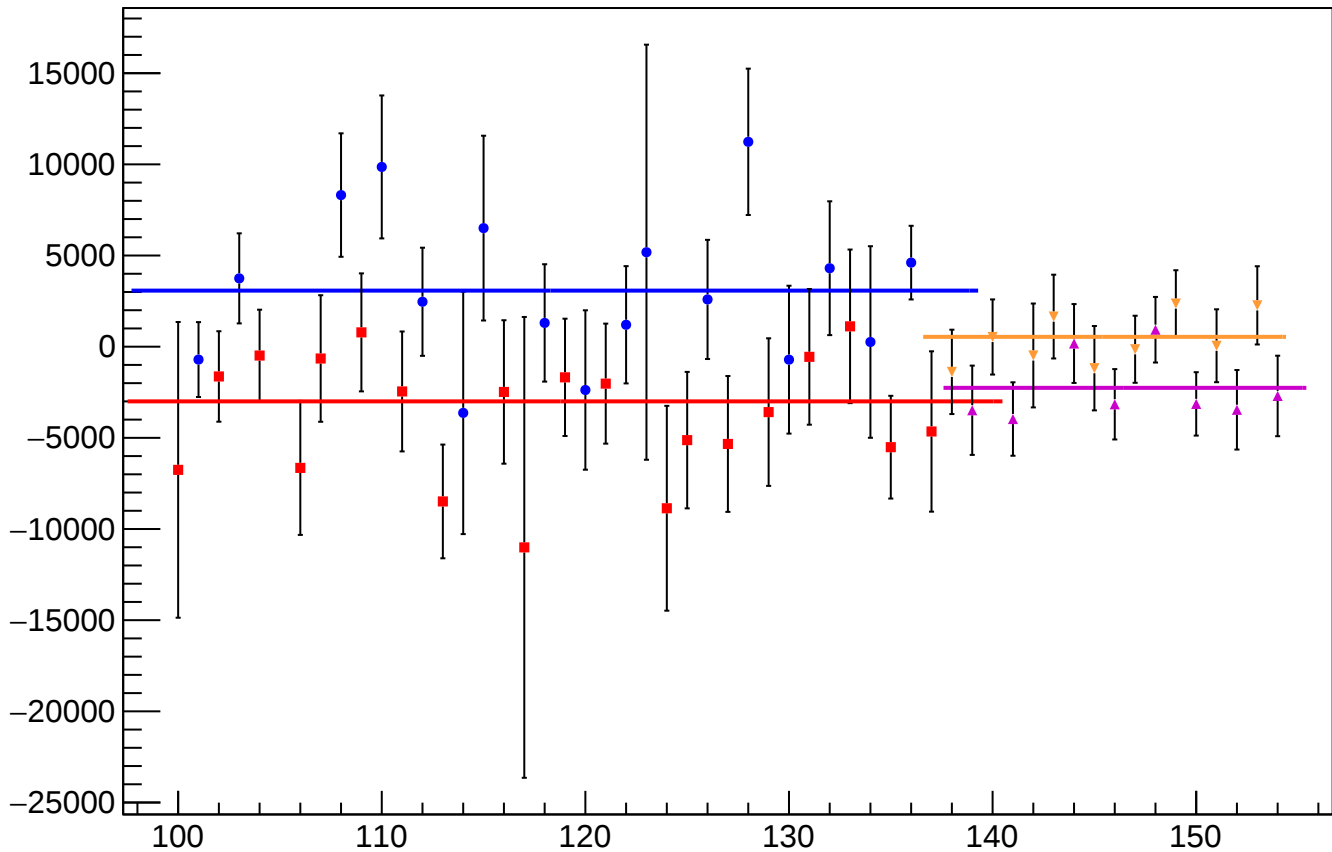
Right Out: 1741.460 ± 0.468 χ^2/NDF : 376702.2/19

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

1499.360 ± 0.298 χ^2/NDF : 923817.8/25

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: 539.418+/-709.979 χ^2/NDF : 3.4/8

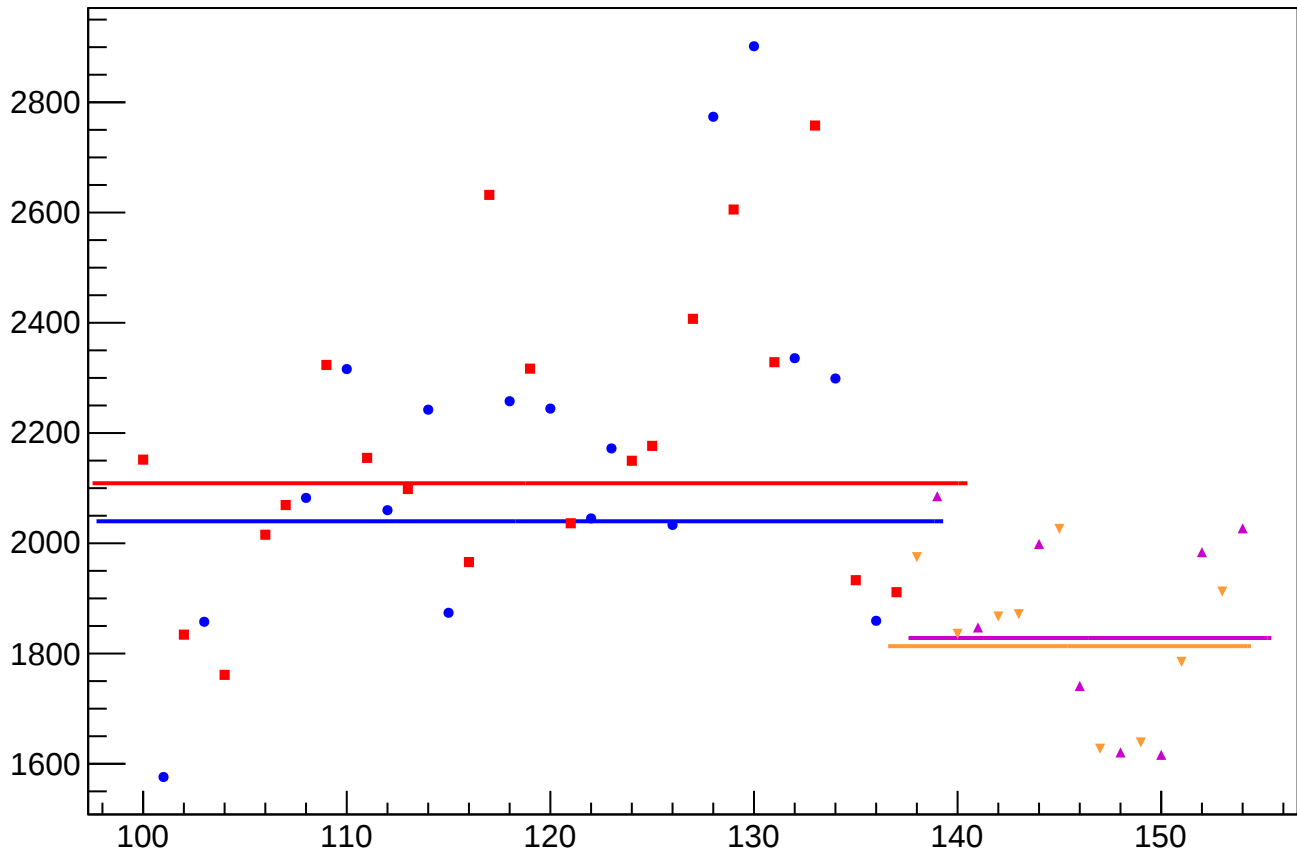
Right Out: -2999.277+/-794.066 χ^2/NDF : 12.3/19

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

1653.248+/-531.674 χ^2/NDF : 27.7/25

-2590.000+/-531.742 χ^2/NDF : 19.0/27

asym_usr_rms vs Slug



Right In: 2039.942+/-0.567 χ^2/NDF : 331984.0/16

Left Out: 1813.383+/-0.502 χ^2/NDF : 72239.6/8

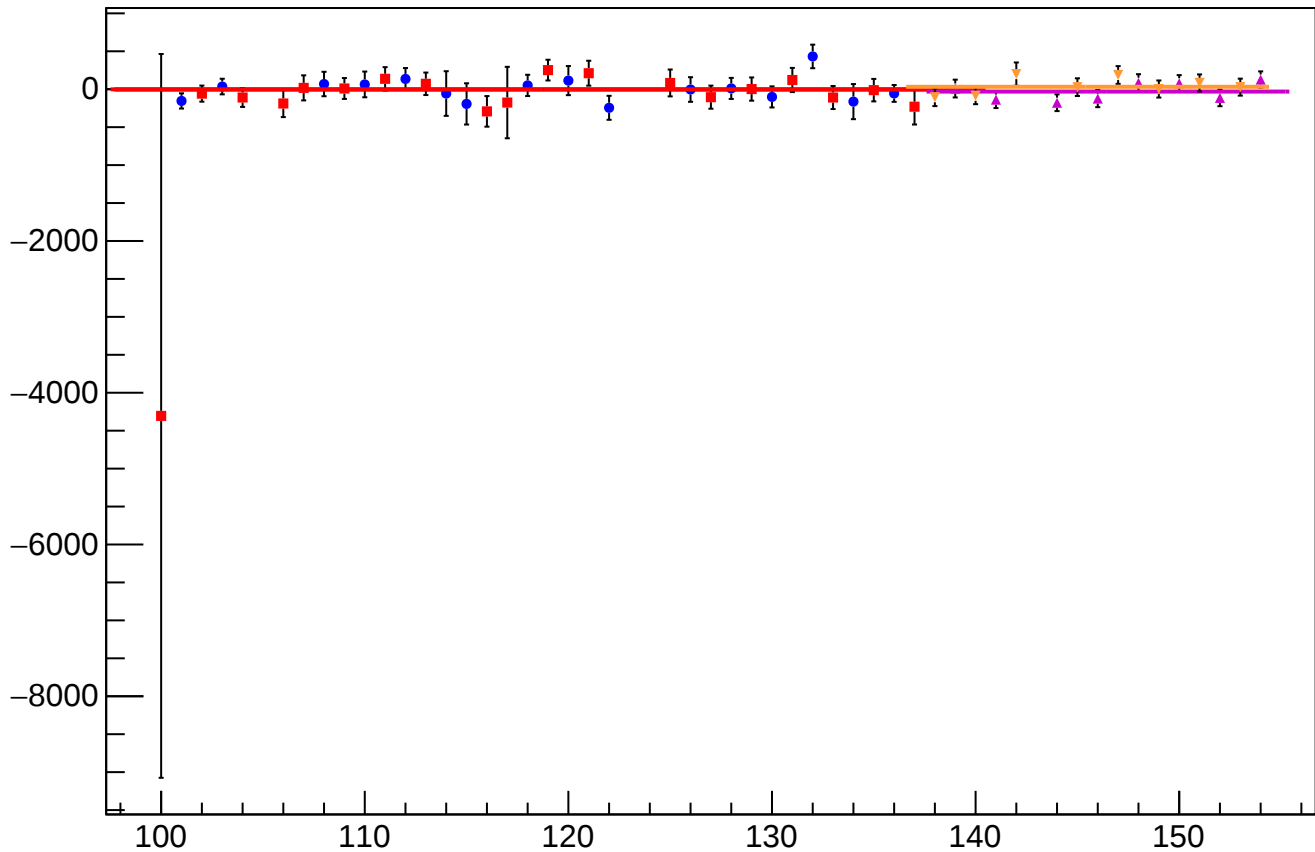
1912.890+/-0.376 χ^2/NDF : 493672.2/25

Right Out: 2108.906+/-0.561 χ^2/NDF : 198889.3/19

1954.088+/-0.376 χ^2/NDF : 458252.6/27

Left In: 1828.224+/-0.506 χ^2/NDF : 121531.4/7

reg_asym_dsl_mean vs Slug



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

Left Out: 32.018+/-41.474 χ^2/NDF : 5.7/7

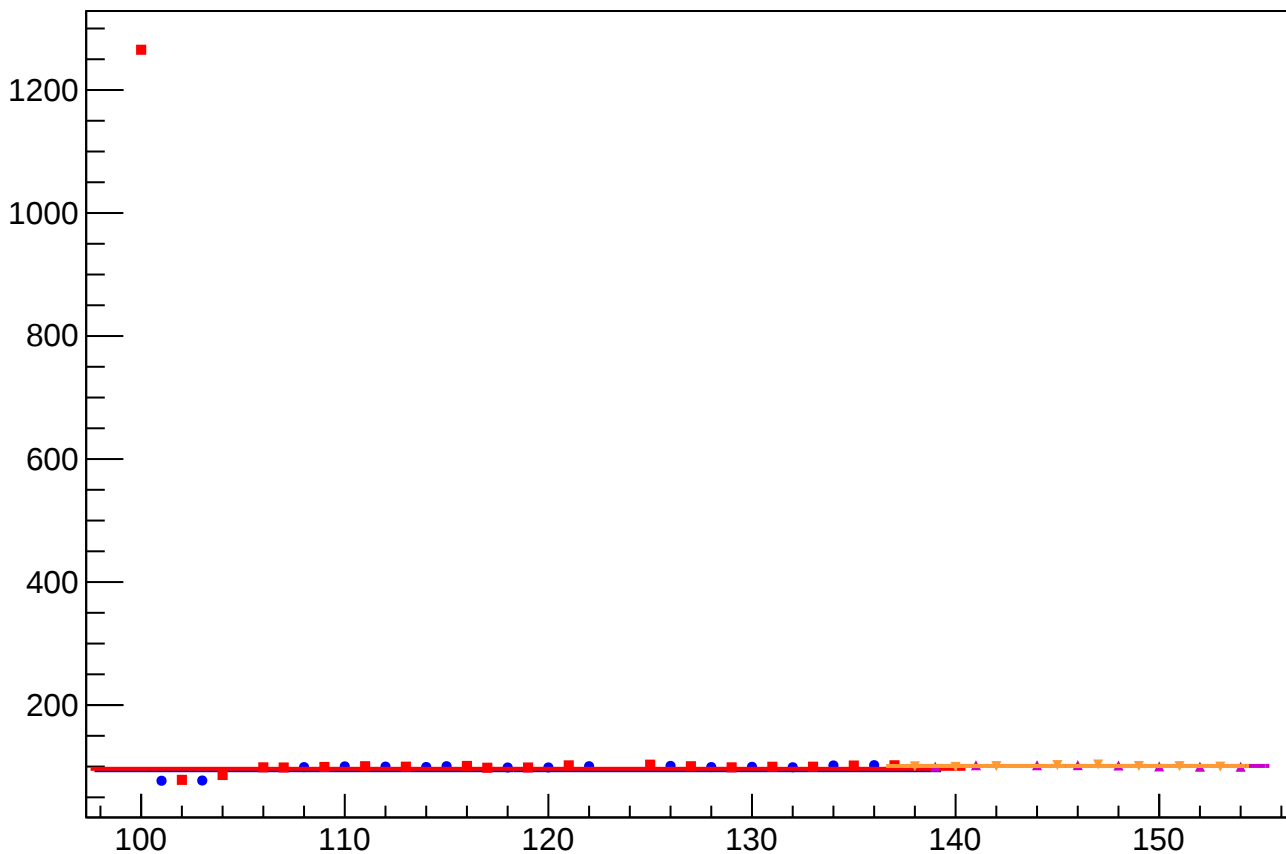
Right Out: -1.545+/-36.588 χ^2/NDF : 14.1/18

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

12.227+/-27.490 χ^2/NDF : 22.3/23

-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: 100.912+/-0.029 χ^2/NDF :1800.0/7

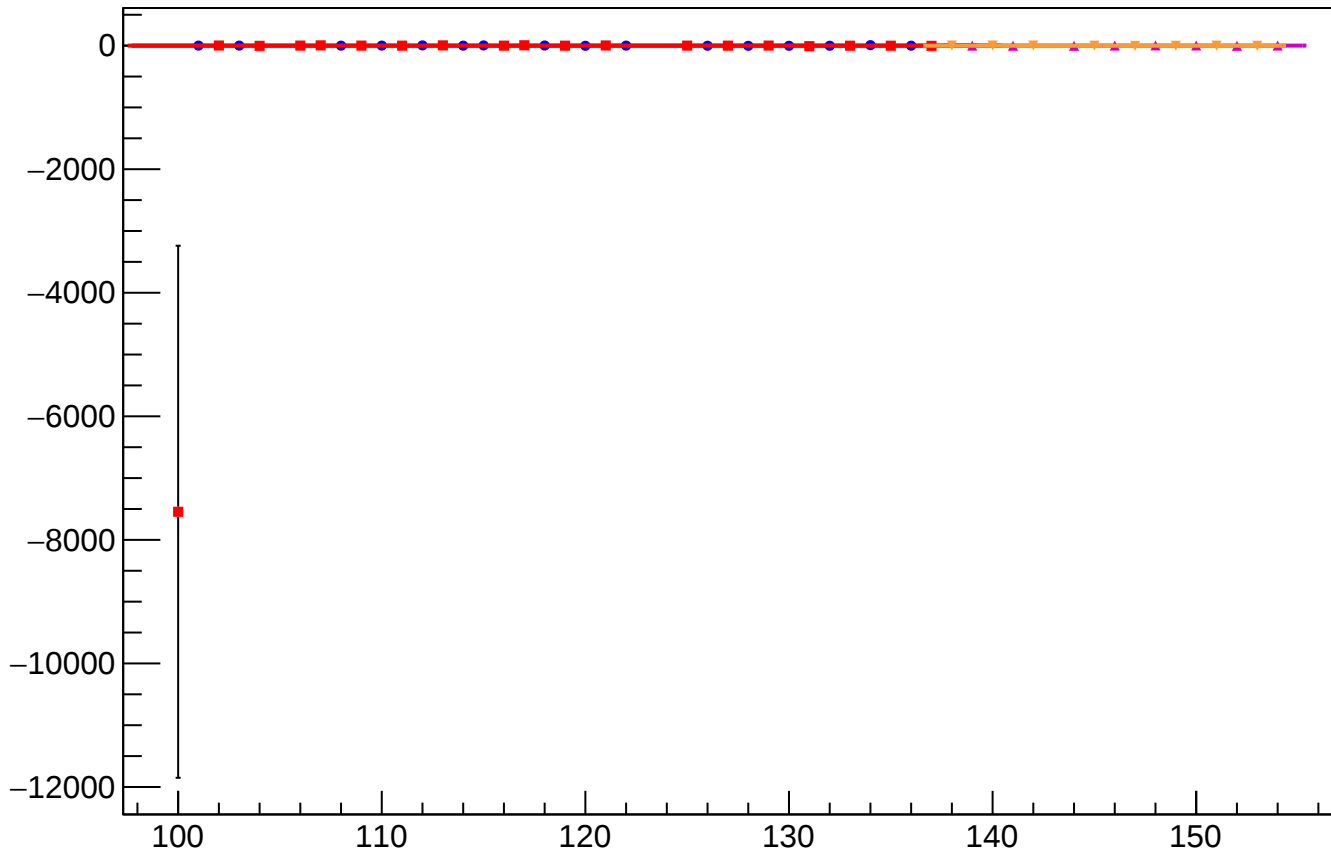
Right Out: 96.383+/-0.026 χ^2/NDF : 209255.3/18

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

97.075+/-0.019 χ^2/NDF : 184613.5/23

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: -0.958+/-0.716 χ^2/NDF : 7.1/7

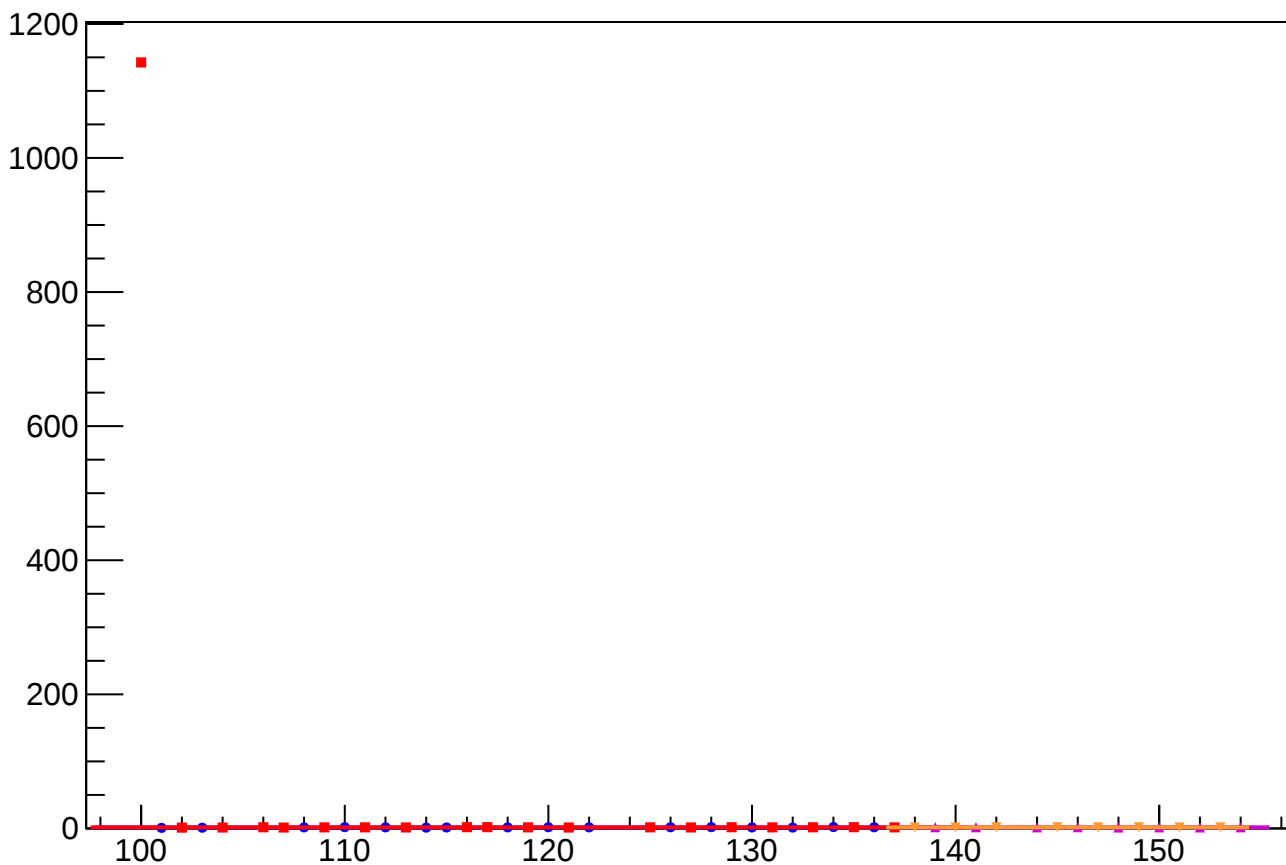
Right Out: 0.336+/-0.641 χ^2/NDF : 23.1/18

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

-0.162+/-0.467 χ^2/NDF : 18.9/23

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: 1.606+/-0.001 χ^2/NDF : 27142.1/7

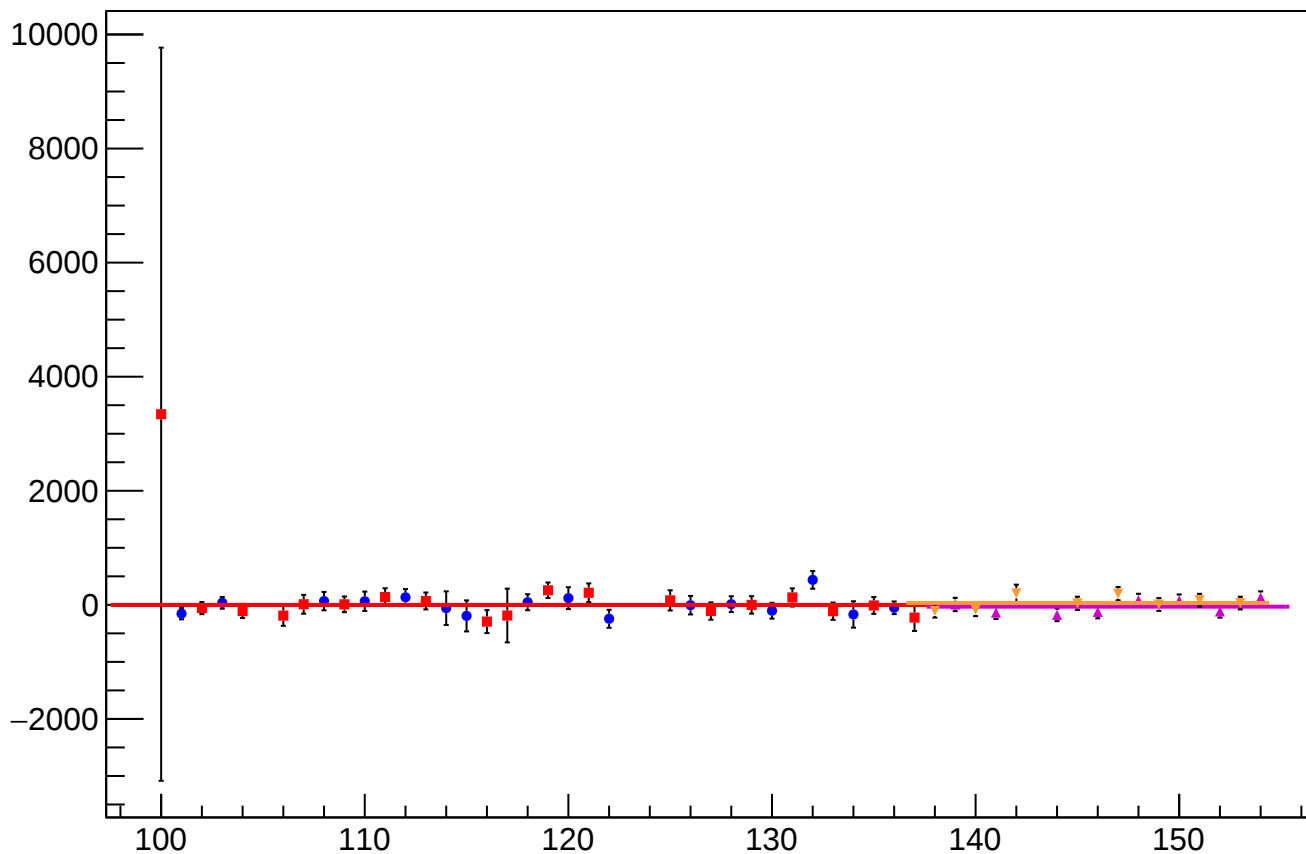
Right Out: 1.557+/-0.000 χ^2/NDF : 318750.9/18

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

1.499+/-0.000 χ^2/NDF : 835648.2/23

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: 33.358+/-41.485 χ^2/NDF : 6.0/7

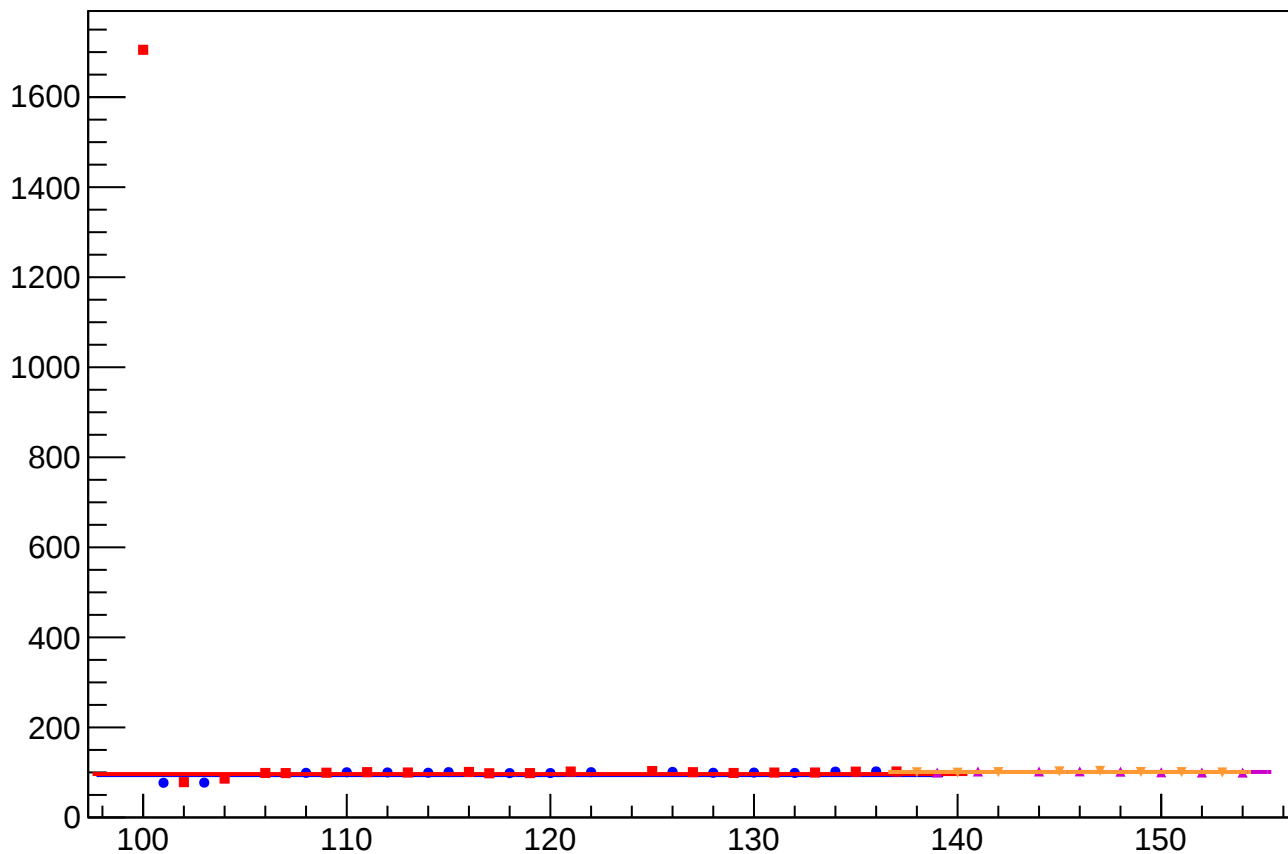
Right Out: -1.300+/-36.598 χ^2/NDF : 13.7/18

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

12.918+/-27.497 χ^2/NDF : 22.7/23

-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: 100.938+/-0.029 χ^2/NDF : 1798.7/7

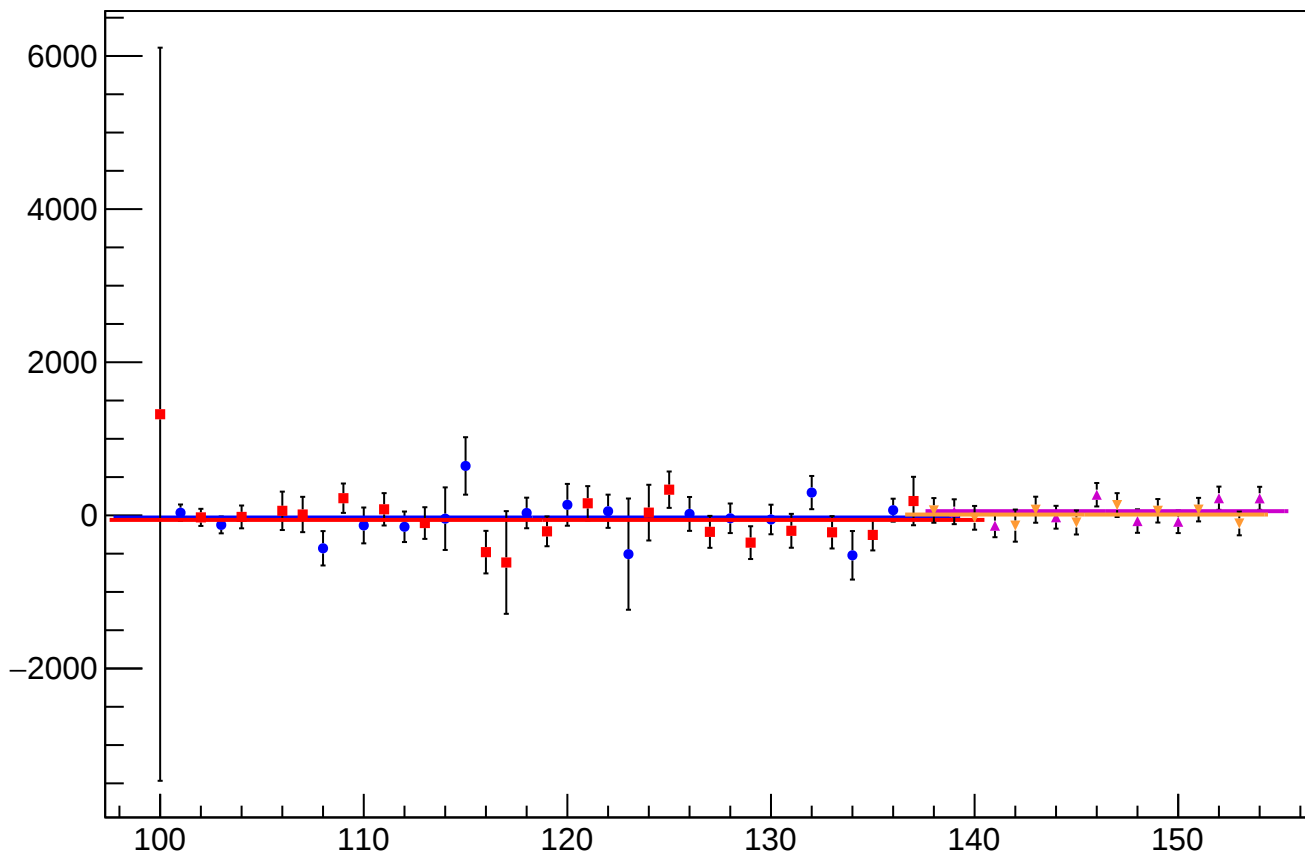
Right Out: 96.391+/-0.026 χ^2/NDF : 214389.8/18

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

97.100+/-0.019 χ^2/NDF : 184633.3/23

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: 10.875 ± 53.787 χ^2/NDF : 2.7/8

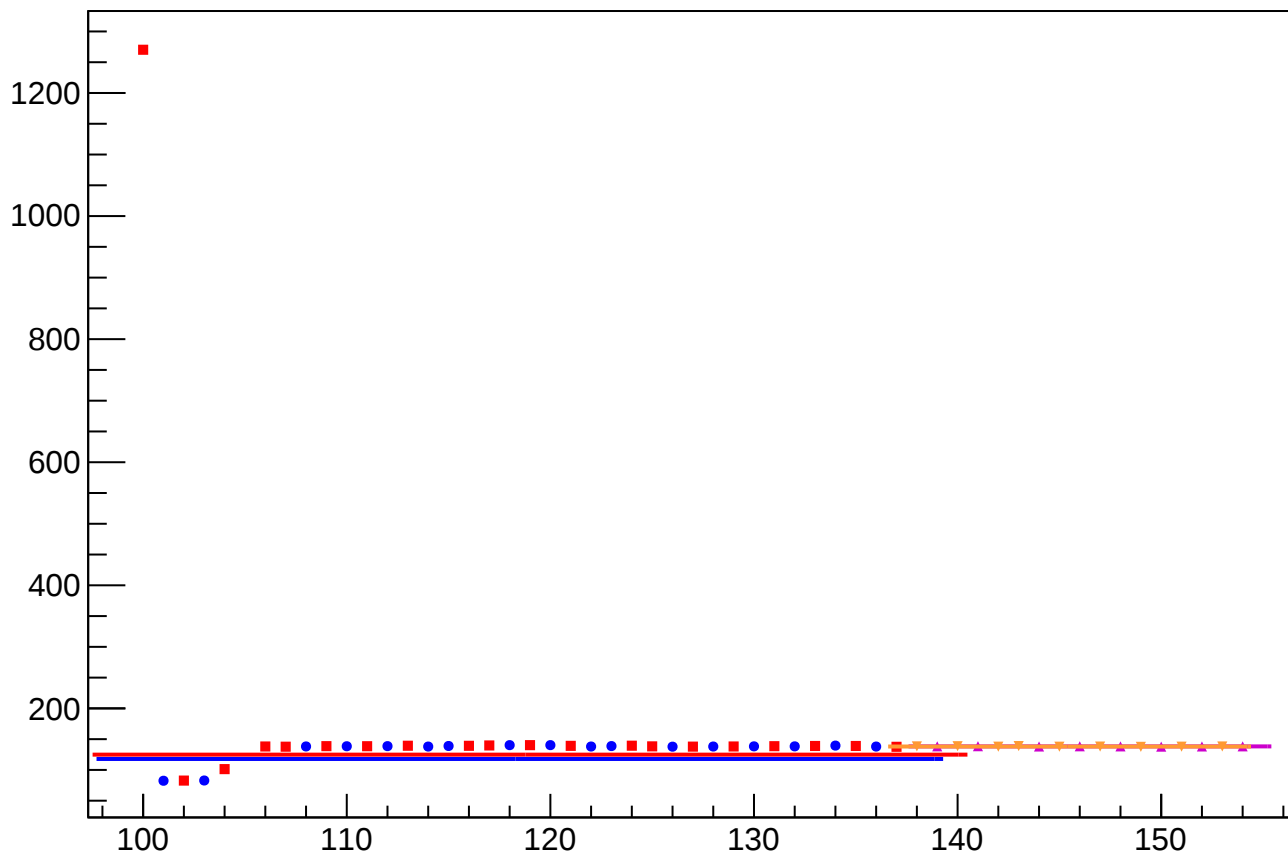
Right Out: -59.211 ± 47.588 χ^2/NDF : 15.6/19

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

-11.168 ± 35.296 χ^2/NDF : 17.3/25

-9.168 ± 35.653 χ^2/NDF : 26.0/27

reg_asym_dsr_rms vs Slug



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

Left Out: 138.039 ± 0.038 χ^2/NDF : 98.2/8

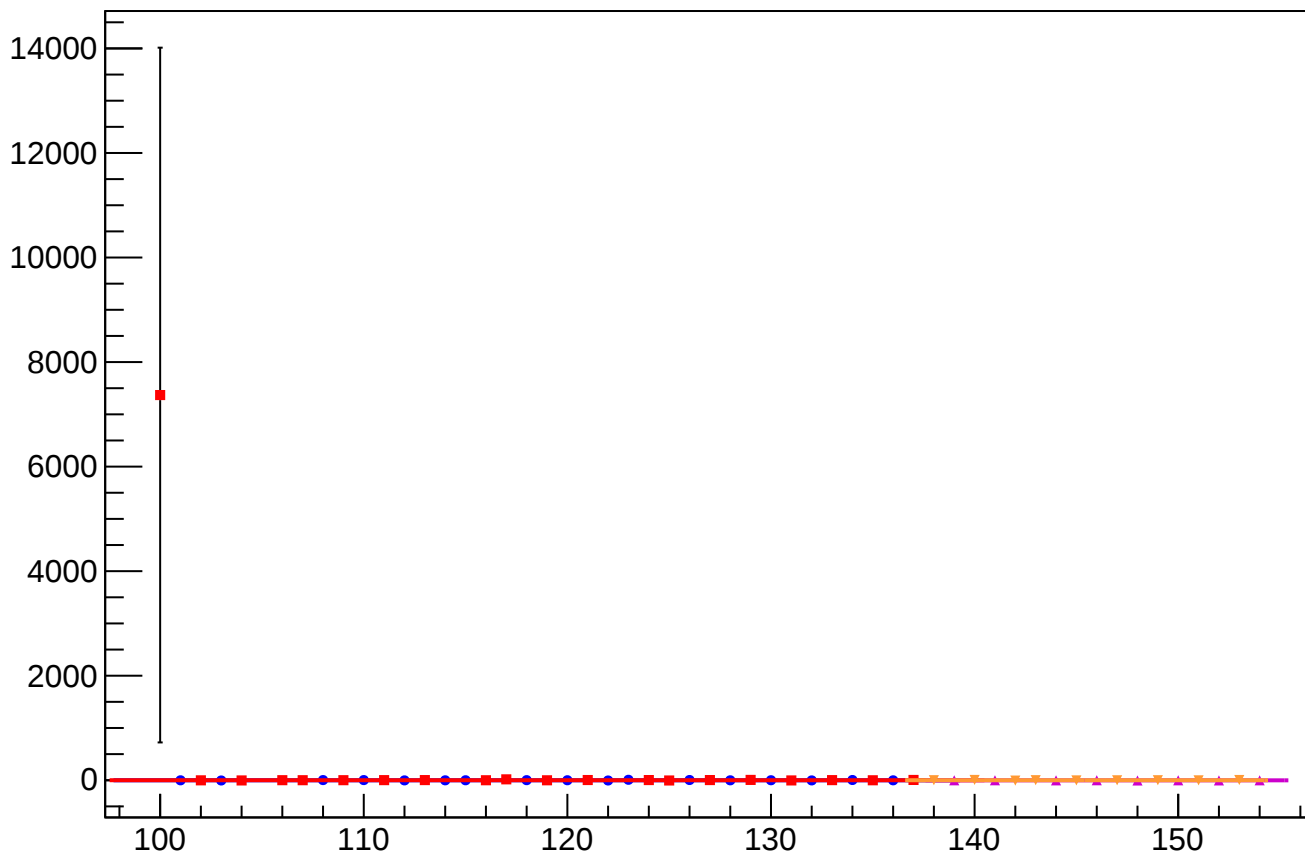
Right Out: 124.839 ± 0.034 χ^2/NDF : 570766.0/19

Left In: 138.245 ± 0.038 χ^2/NDF : 28.3/7

126.524 ± 0.025 χ^2/NDF : 827675.1/25

130.720 ± 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: 0.470+/-0.900 χ^2/NDF : 11.7/8

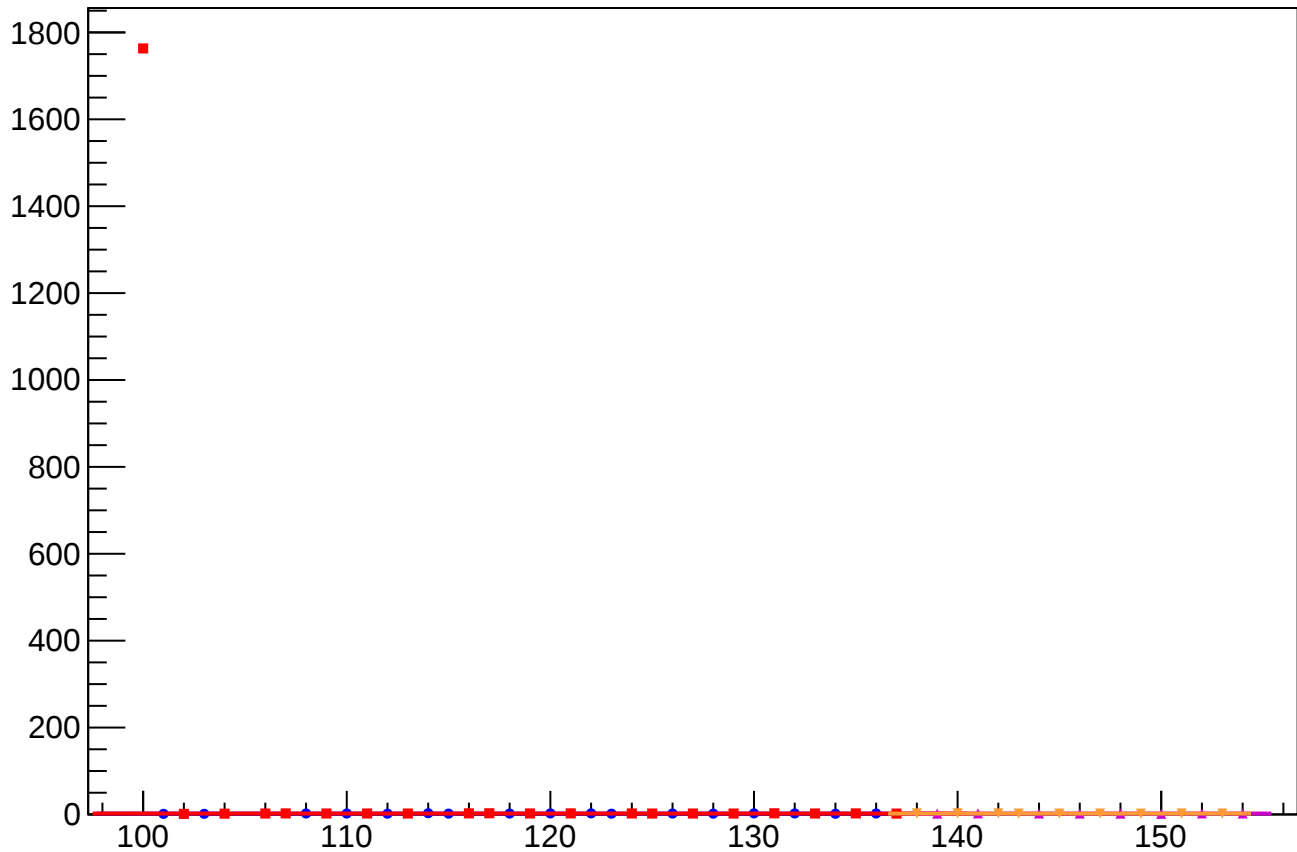
Right Out: 0.719+/-0.849 χ^2/NDF : 15.3/19

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

-0.174+/-0.602 χ^2/NDF : 25.3/25

-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: 2.093 $\pm$ 0.001 χ^2 /NDF: 139407.6/8

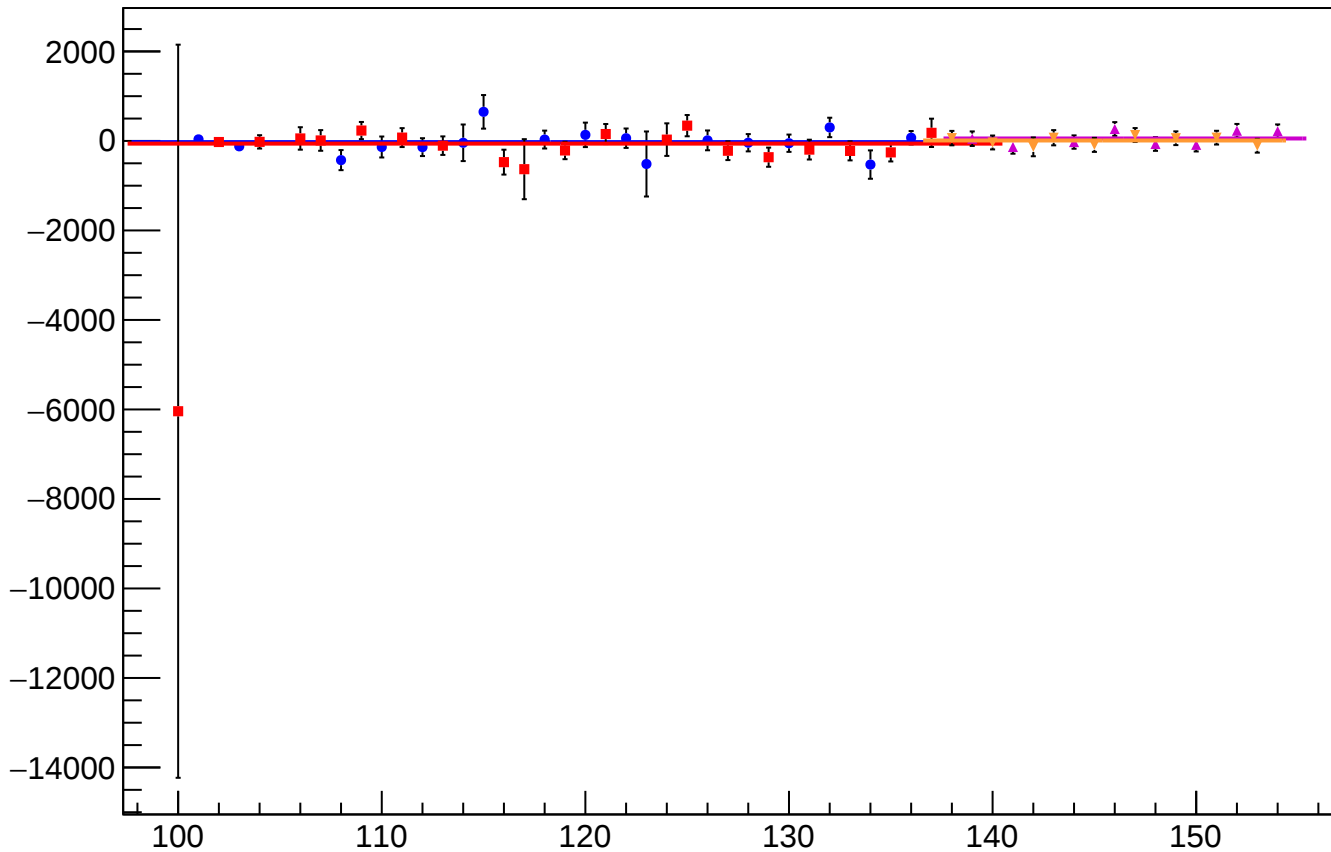
Right Out: 2.068 $\pm$ 0.001 χ^2 /NDF: 530286.7/19

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

1.969 $\pm$ 0.000 χ^2 /NDF: 700869.7/25

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

asym_dsr_mean vs Slug



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

Left Out: 10.157 ± 53.801 χ^2/NDF : 2.6/8

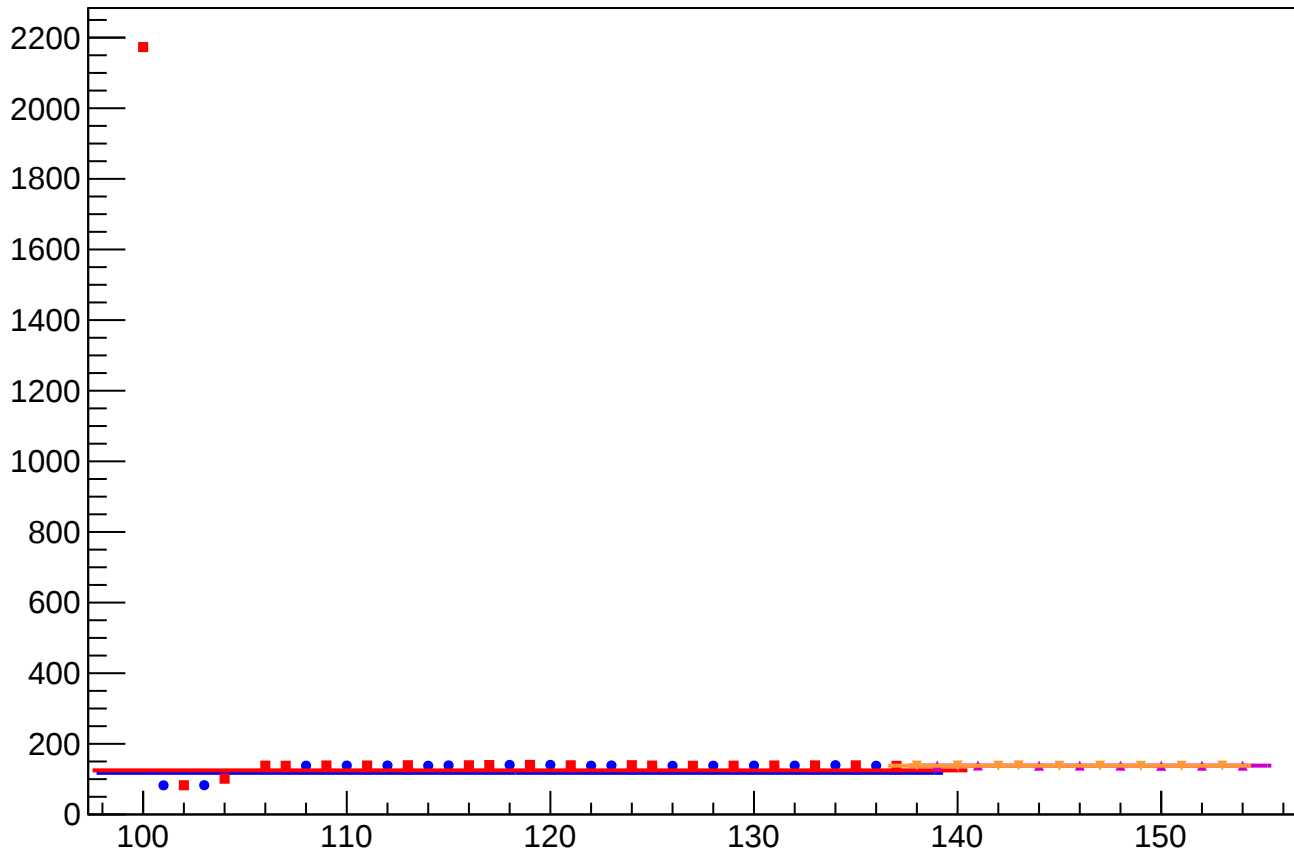
Right Out: -60.159 ± 47.602 χ^2/NDF : 16.2/19

Left In: 54.835 ± 53.842 χ^2/NDF : 7.8/7

-10.577 ± 35.306 χ^2/NDF : 17.3/25

-9.708 ± 35.663 χ^2/NDF : 26.6/27

asym_dsr_rms vs Slug



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

Left Out: 138.075 $\pm$ 0.038 χ^2 /NDF: 98.2/8

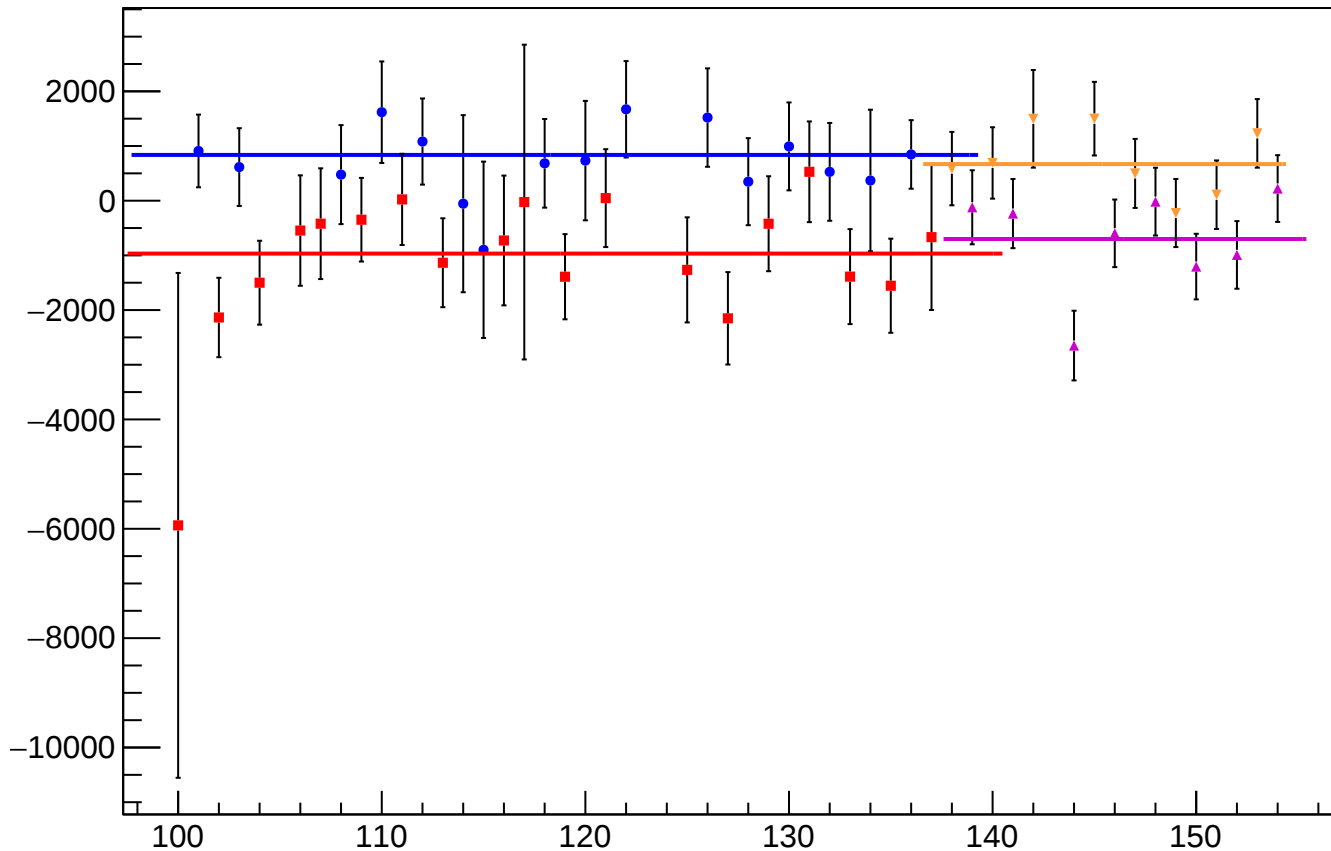
126.558 $\pm$ 0.025 χ^2 /NDF: 827698.3/25

Right Out: 124.828 $\pm$ 0.034 χ^2 /NDF: 581349.7/19

130.731 $\pm$ 0.025 χ^2 /NDF: 651466.8/27

Left In: 138.282 $\pm$ 0.038 χ^2 /NDF: 28.3/7

reg_asym_left_avg_mean vs Slug



Right In: 837.048 $\pm$ 216.181 χ^2 /NDF: 4.7/15

Left Out: 669.610 $\pm$ 234.393 χ^2 /NDF: 6.1/7

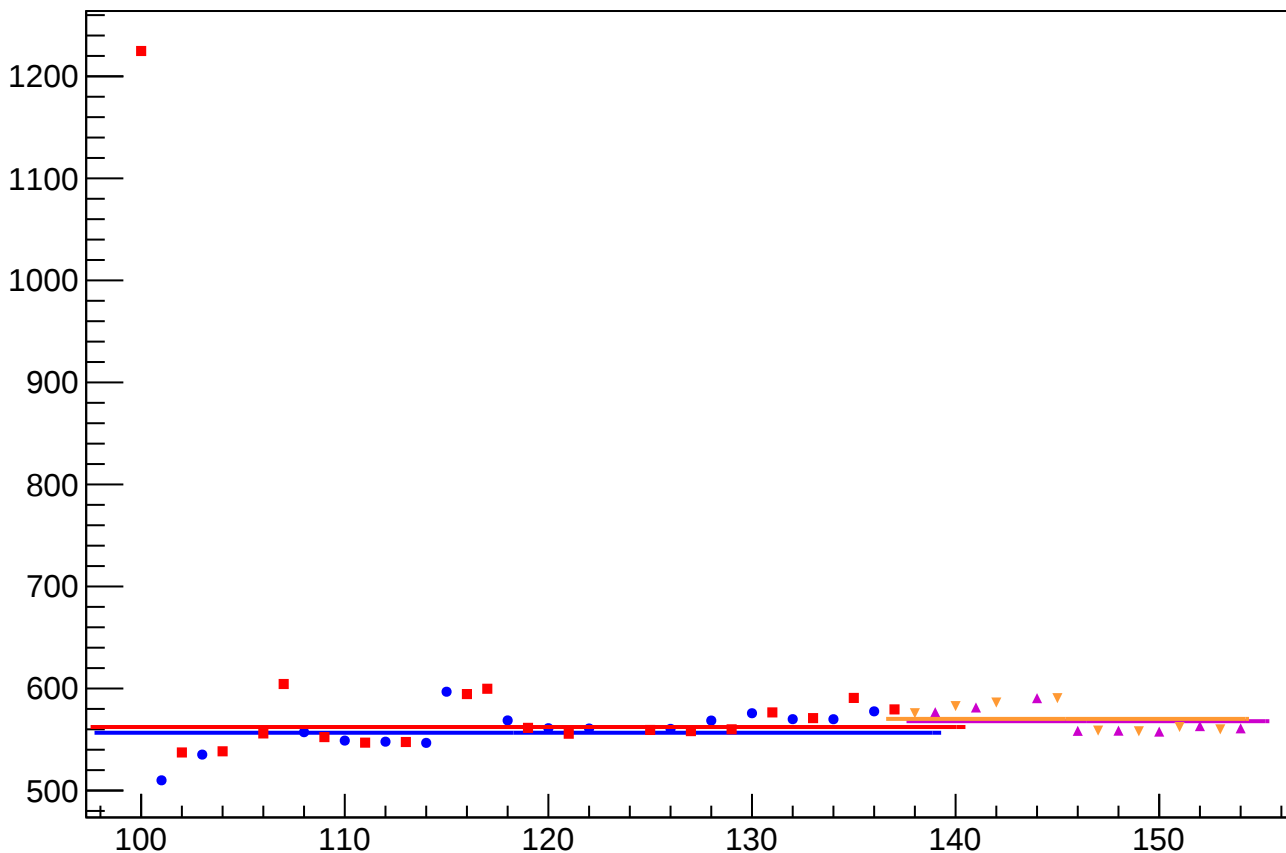
Right Out: -967.277 $\pm$ 212.168 χ^2 /NDF: 14.4/18

Left In: -700.889 $\pm$ 221.178 χ^2 /NDF: 15.1/7

760.085 $\pm$ 158.912 χ^2 /NDF: 11.1/23

-839.620 $\pm$ 153.112 χ^2 /NDF: 30.2/26

reg_asym_left_avg_rms vs Slug



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

Left Out: 570.221 $\pm$ 0.166 χ^2 /NDF: 5617.1/7

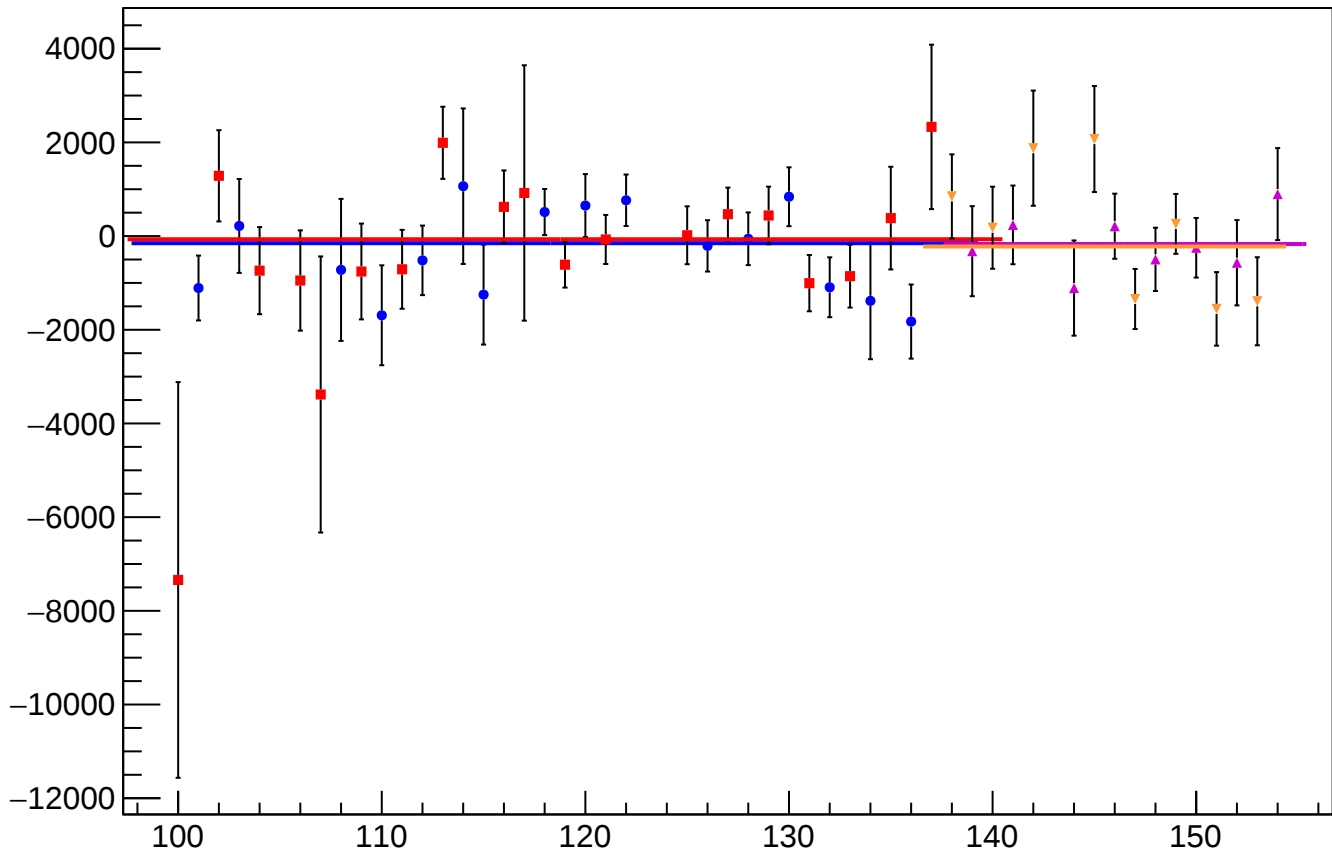
Right Out: 562.253 $\pm$ 0.150 χ^2 /NDF: 55916.7/18

Left In: 567.963 $\pm$ 0.156 χ^2 /NDF: 5632.5/7

562.881 $\pm$ 0.112 χ^2 /NDF: 27638.2/23

564.989 $\pm$ 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: -221.922 ± 293.300 χ^2/NDF : 16.7/7

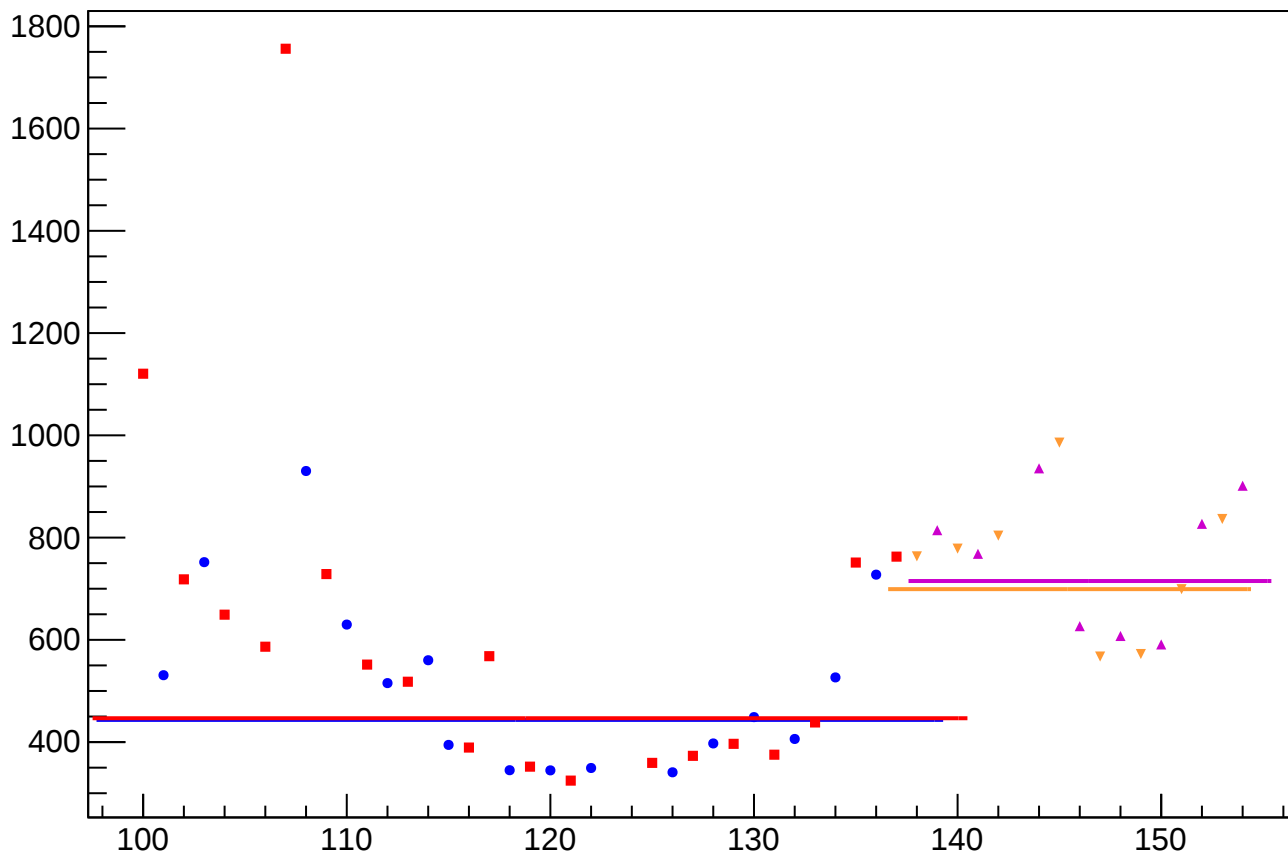
Right Out: -67.516 ± 178.283 χ^2/NDF : 25.1/18

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

-171.052 ± 153.462 χ^2/NDF : 39.1/23

-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: 699.178+/-0.207 χ^2/NDF : 375405.0/7

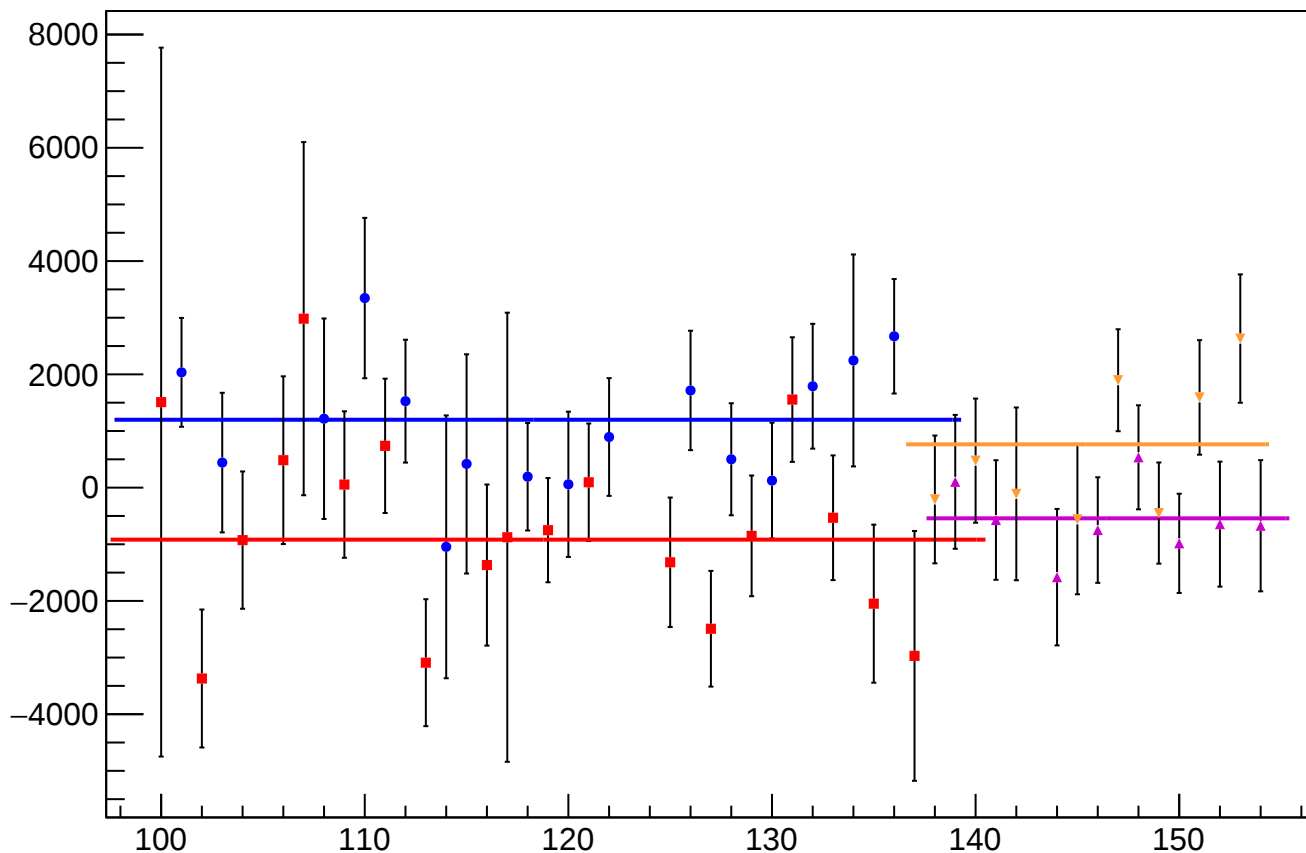
Right Out: 446.668+/-0.126 χ^2/NDF : 1463968.9/18

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

513.460+/-0.109 χ^2/NDF : 2540521.1/23

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

asym_left_avg_mean vs Slug



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

Left Out: 764.816 $\pm$ 381.692 χ^2 /NDF:9.0/7

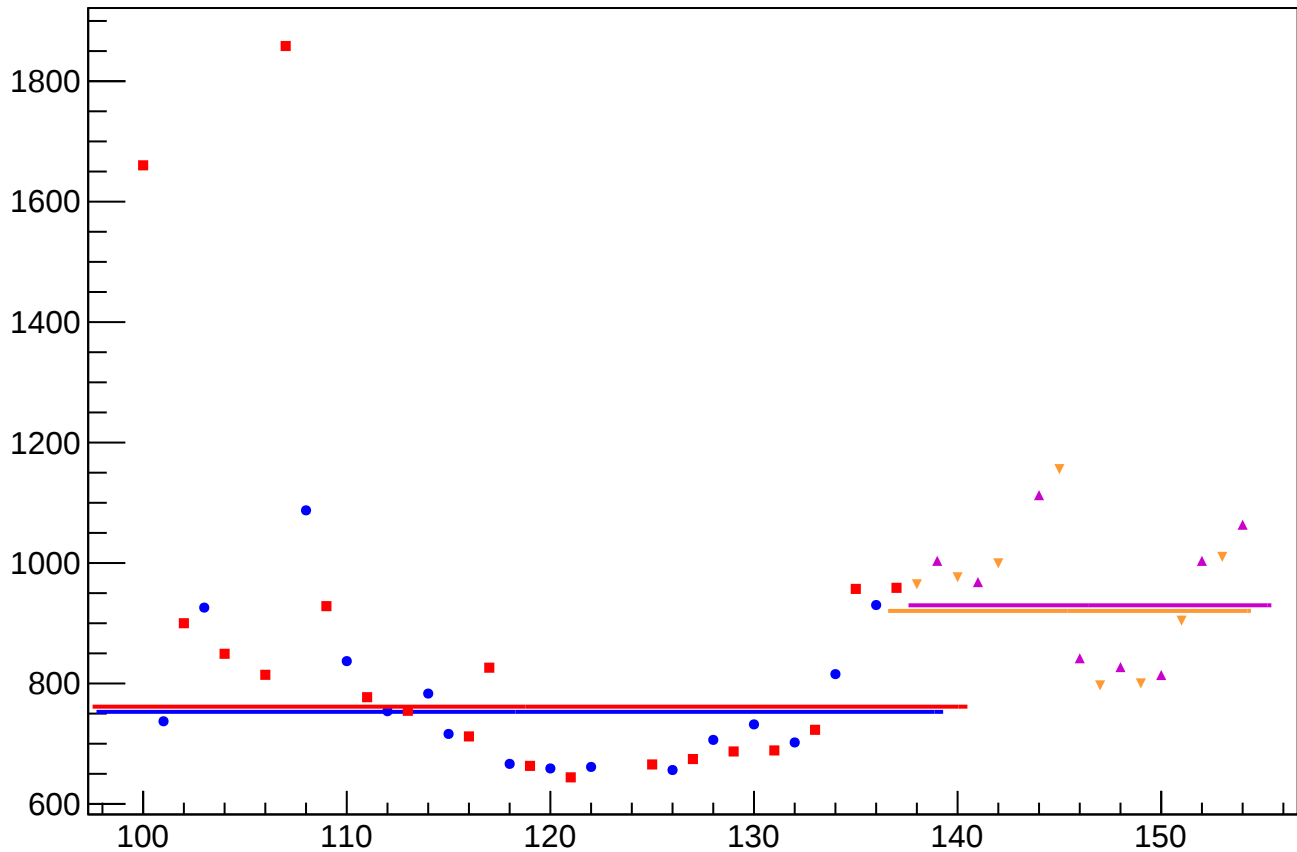
Right Out: -918.180 $\pm$ 292.495 χ^2 /NDF: 23.2/18

Left In: -541.808 $\pm$ 364.932 χ^2 /NDF:2.7/7

1036.449 $\pm$ 233.533 χ^2 /NDF: 21.0/23

-770.966 $\pm$ 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: 920.513+/-0.270 χ^2/NDF : 164084.4/7

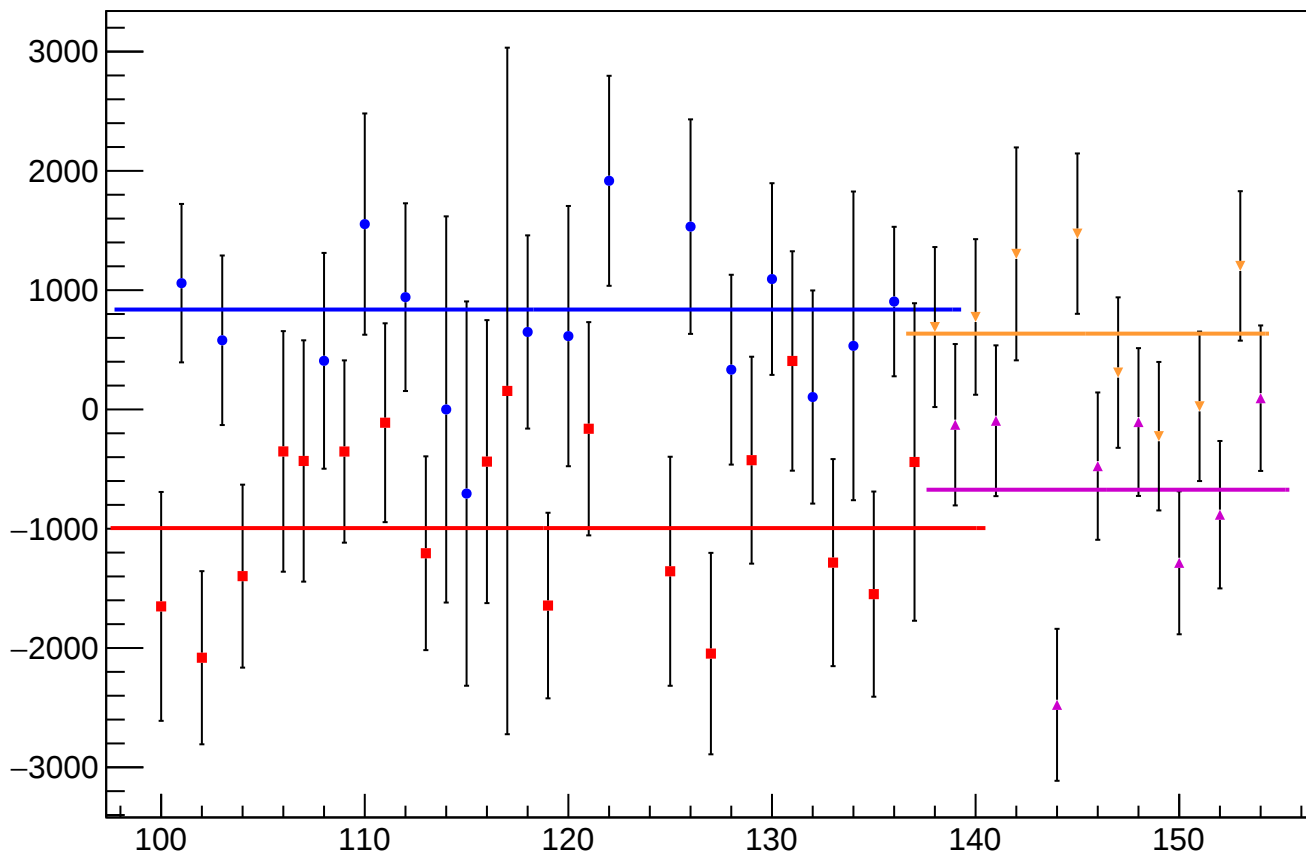
Right Out: 761.514+/-0.207 χ^2/NDF : 517672.2/18

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

815.668+/-0.165 χ^2/NDF : 657802.5/23

827.345+/-0.161 χ^2/NDF : 946586.9/26

reg_asym_left_dd_mean vs Slug



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

Left Out: 635.563 $\pm$ 234.204 χ^2 /NDF:6.1/7

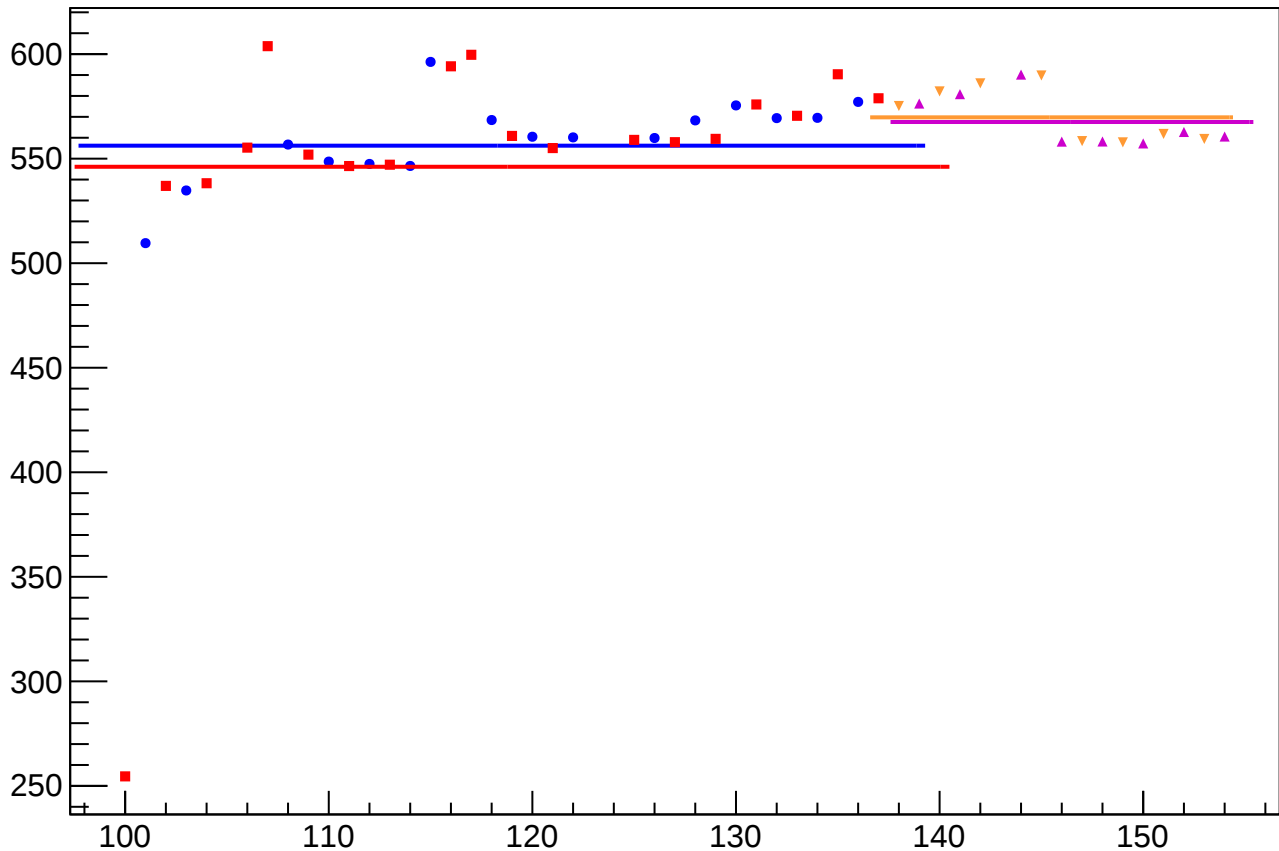
Right Out: -994.626 $\pm$ 207.208 χ^2 /NDF: 12.7/18

Left In: -672.987 $\pm$ 221.010 χ^2 /NDF:13.2/7

744.707 $\pm$ 158.787 χ^2 /NDF: 12.2/23

-844.163 $\pm$ 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: 569.762 $\pm$ 0.166 χ^2 /NDF: 5547.6/7

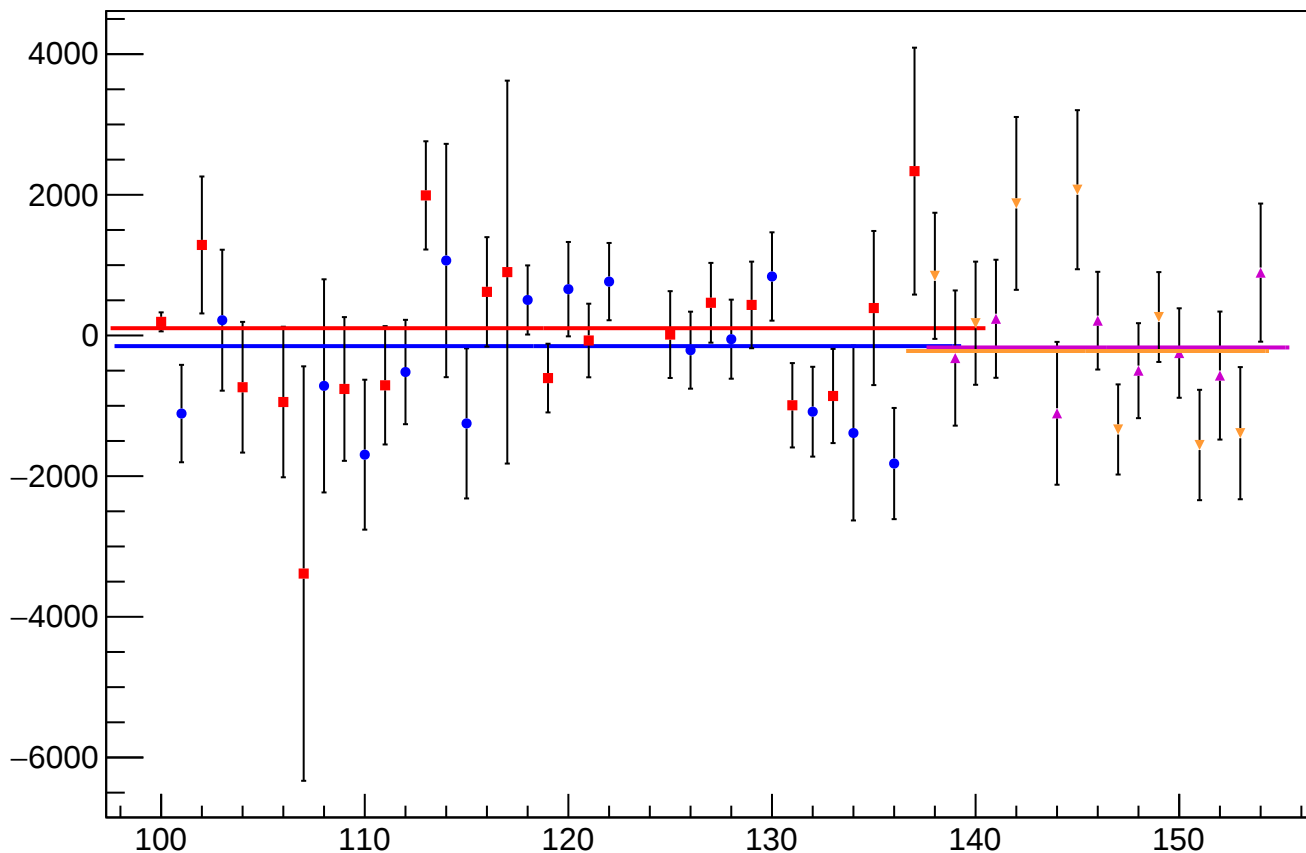
Right Out: 546.124 $\pm$ 0.147 χ^2 /NDF: 208336.6/18

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

562.440 $\pm$ 0.112 χ^2 /NDF: 27583.4/23

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: -220.682 ± 293.159 χ^2/NDF : 16.7/7

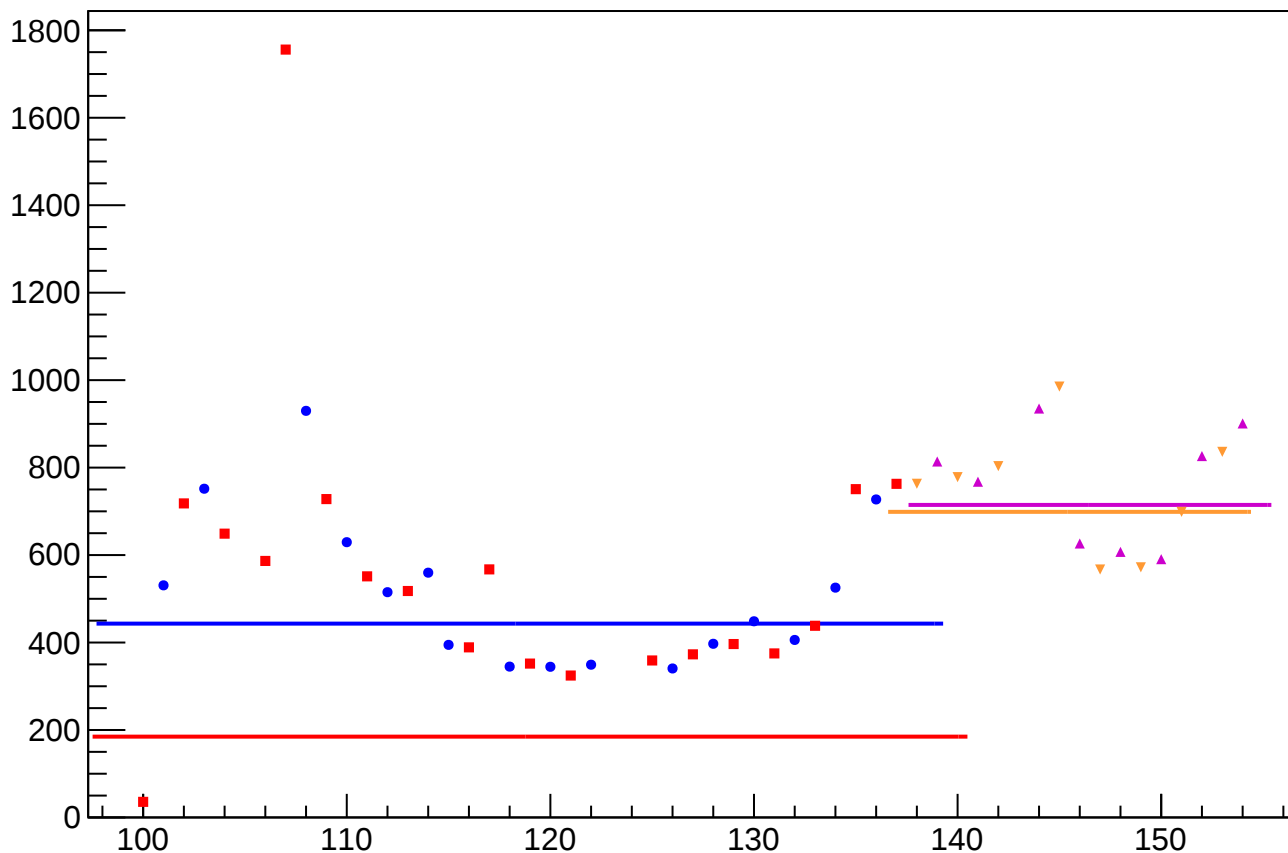
Right Out: 103.328 ± 107.623 χ^2/NDF : 23.3/18

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

-170.409 ± 153.387 χ^2/NDF : 39.0/23

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: 698.837+/-0.207 χ^2/NDF : 375654.8/7

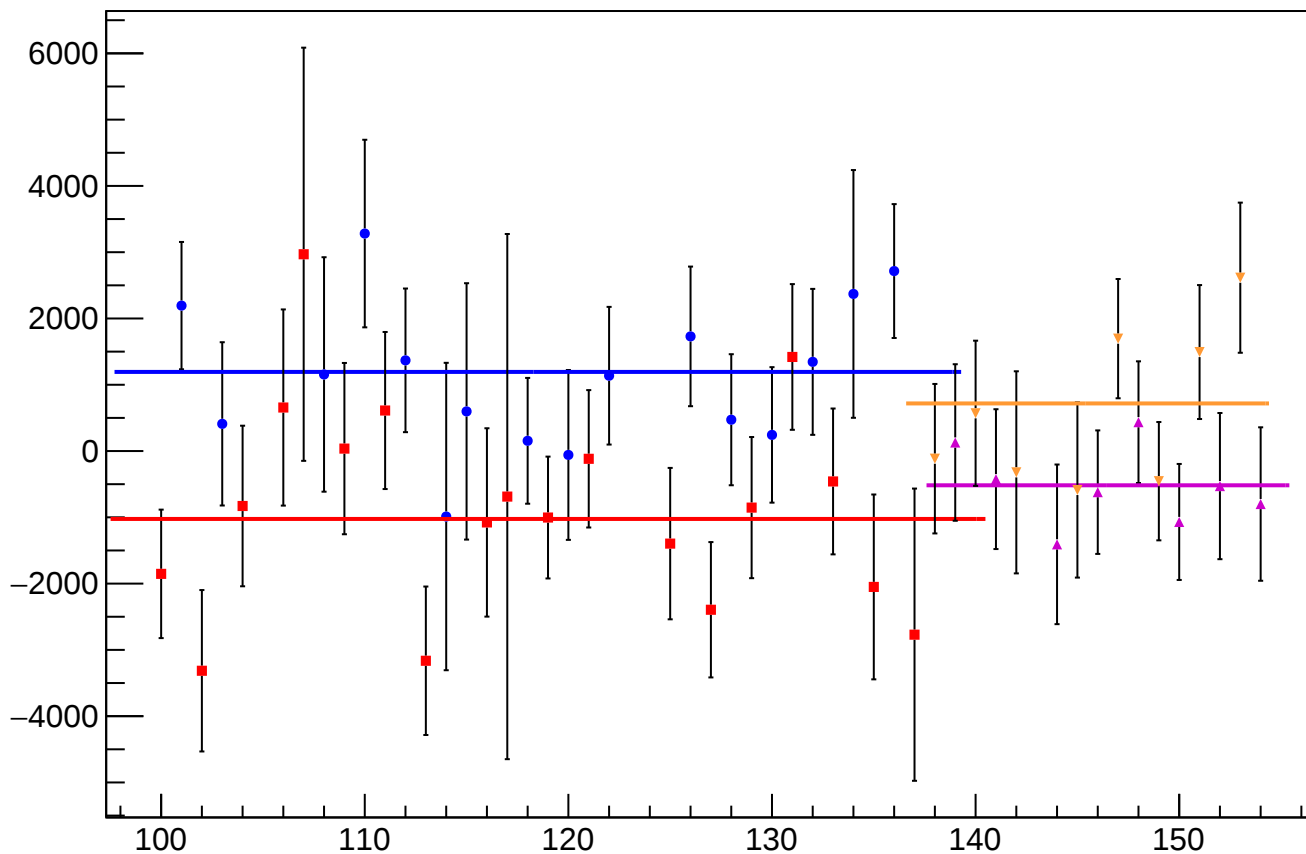
Right Out: 184.814+/-0.076 χ^2/NDF : 8119311.6/18

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

513.213+/-0.108 χ^2/NDF : 2540551.8/23

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

asym_left_dd_mean vs Slug



Right In: 1193.849 ± 295.046 χ^2/NDF : 11.2/15

Left Out: 718.233 ± 381.473 χ^2/NDF : 8.3/7

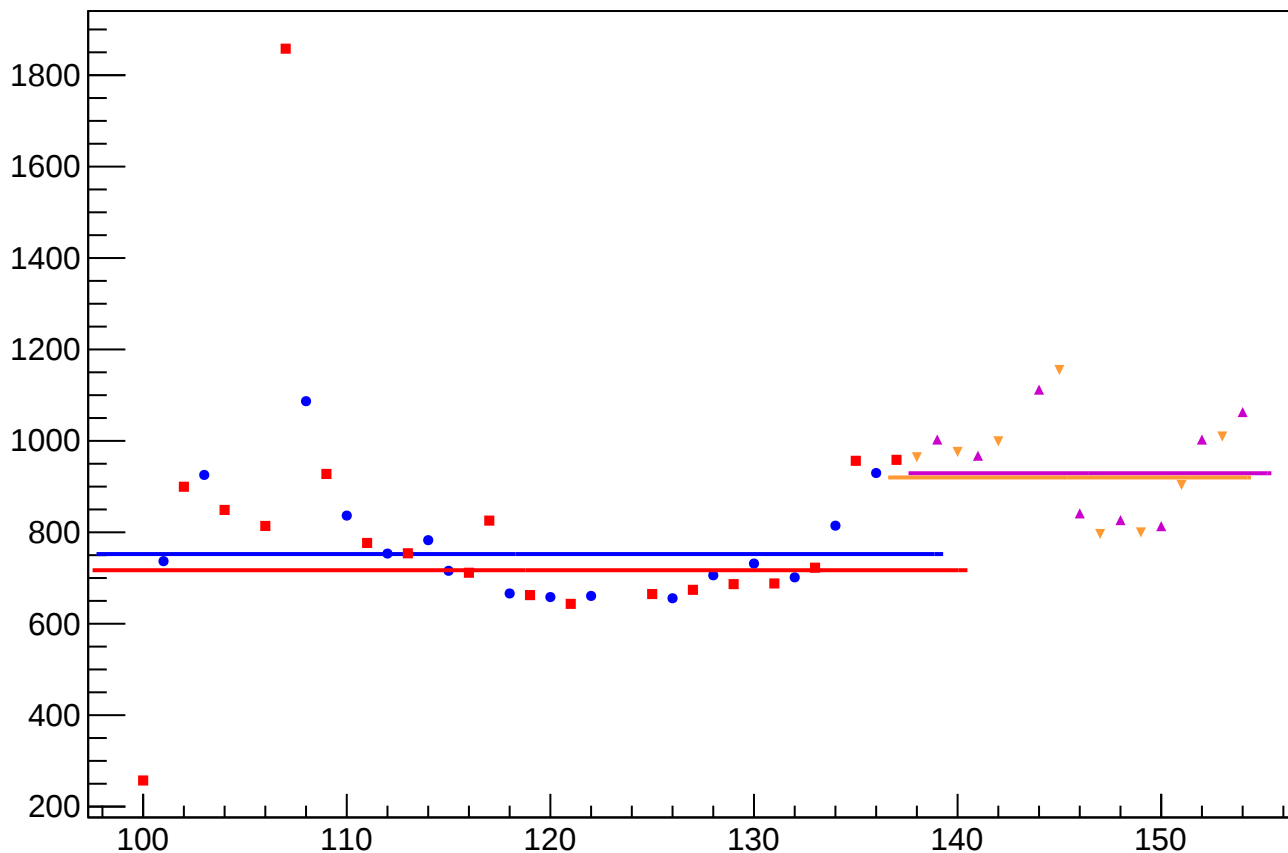
Right Out: -1024.435 ± 280.119 χ^2/NDF : 22.5/18

Left In: -516.734 ± 364.699 χ^2/NDF : 2.4/7

1015.827 ± 233.385 χ^2/NDF : 20.5/23

-836.053 ± 222.152 χ^2/NDF : 26.2/26

asym_left_dd_rms vs Slug



Right In: 752.429 $\pm$ 0.209 χ^2 /NDF: 252705.1/15

Left Out: 919.990 $\pm$ 0.270 χ^2 /NDF: 164014.9/7

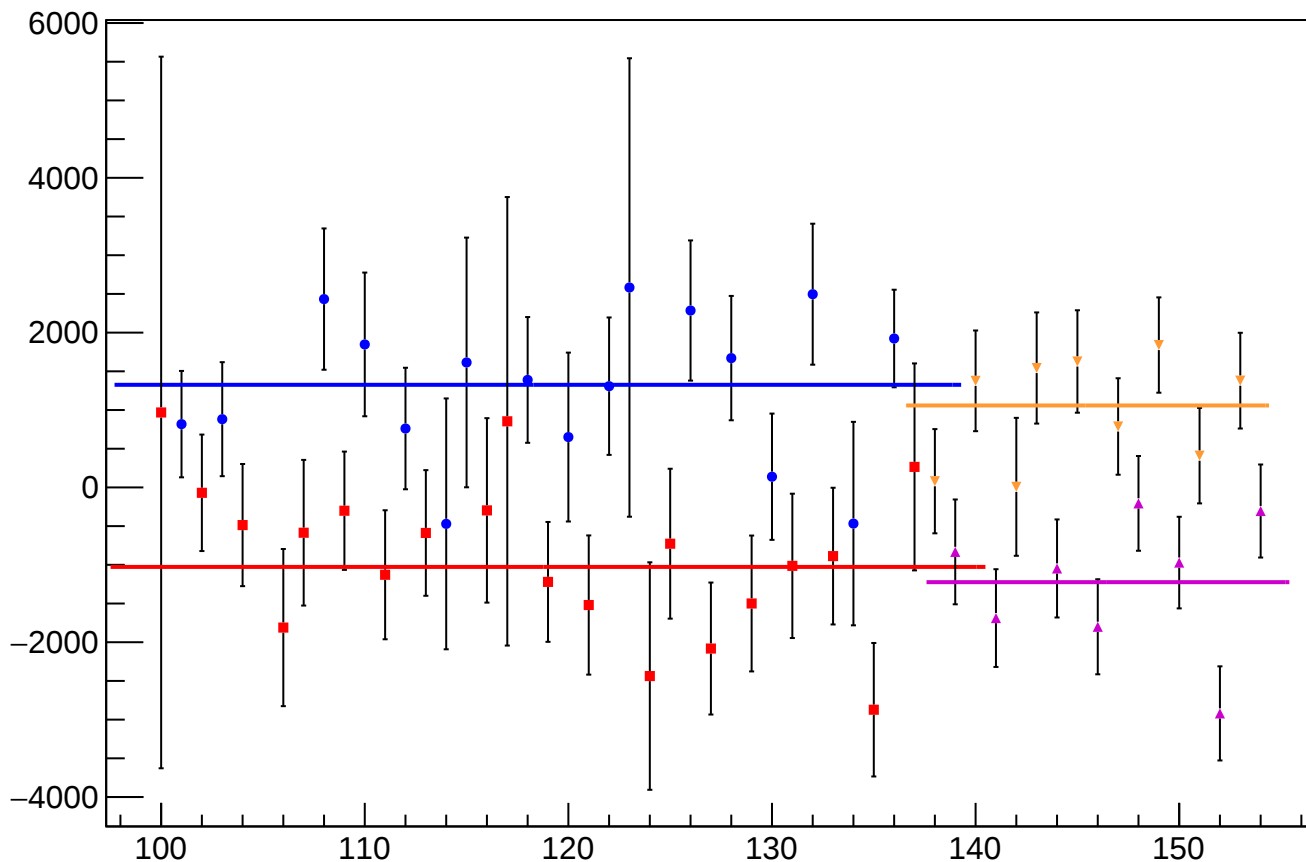
Right Out: 717.067 $\pm$ 0.198 χ^2 /NDF: 968442.7/18

Left In: 929.223 $\pm$ 0.258 χ^2 /NDF: 169934.2/7

815.146 $\pm$ 0.165 χ^2 /NDF: 658164.5/23

795.787 $\pm$ 0.157 χ^2 /NDF: 1564058.7/26

reg_asym_right_avg_mean vs Slug



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

Left Out: 1058.857 $\pm$ 220.831 χ^2 /NDF: 8.1/8

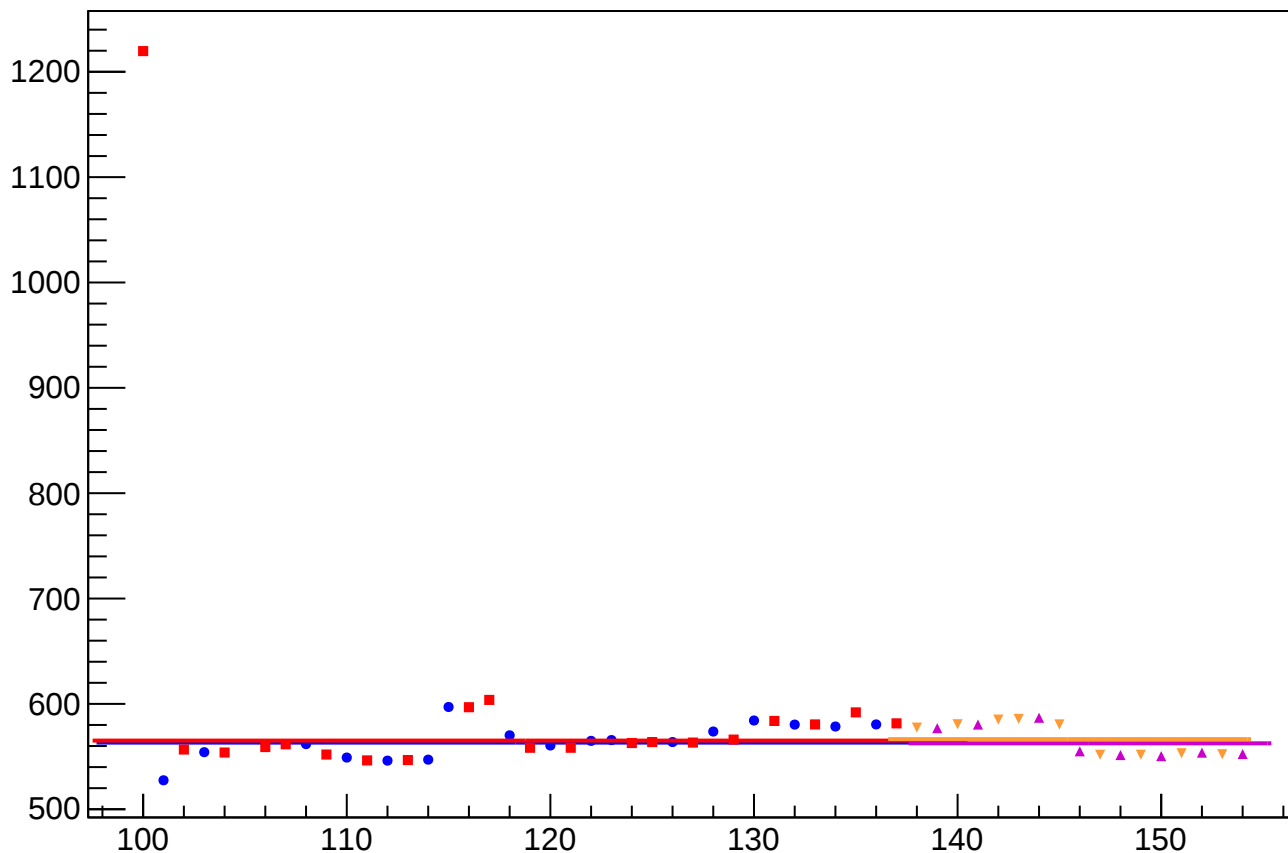
Right Out: -1026.996 $\pm$ 211.021 χ^2 /NDF: 13.8/19

Left In: -1224.005 $\pm$ 219.101 χ^2 /NDF: 14.9/7

1193.973 $\pm$ 155.179 χ^2 /NDF: 21.7/25

-1121.801 $\pm$ 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: 566.552 $\pm$ 0.156 χ^2 /NDF: 8967.7/8

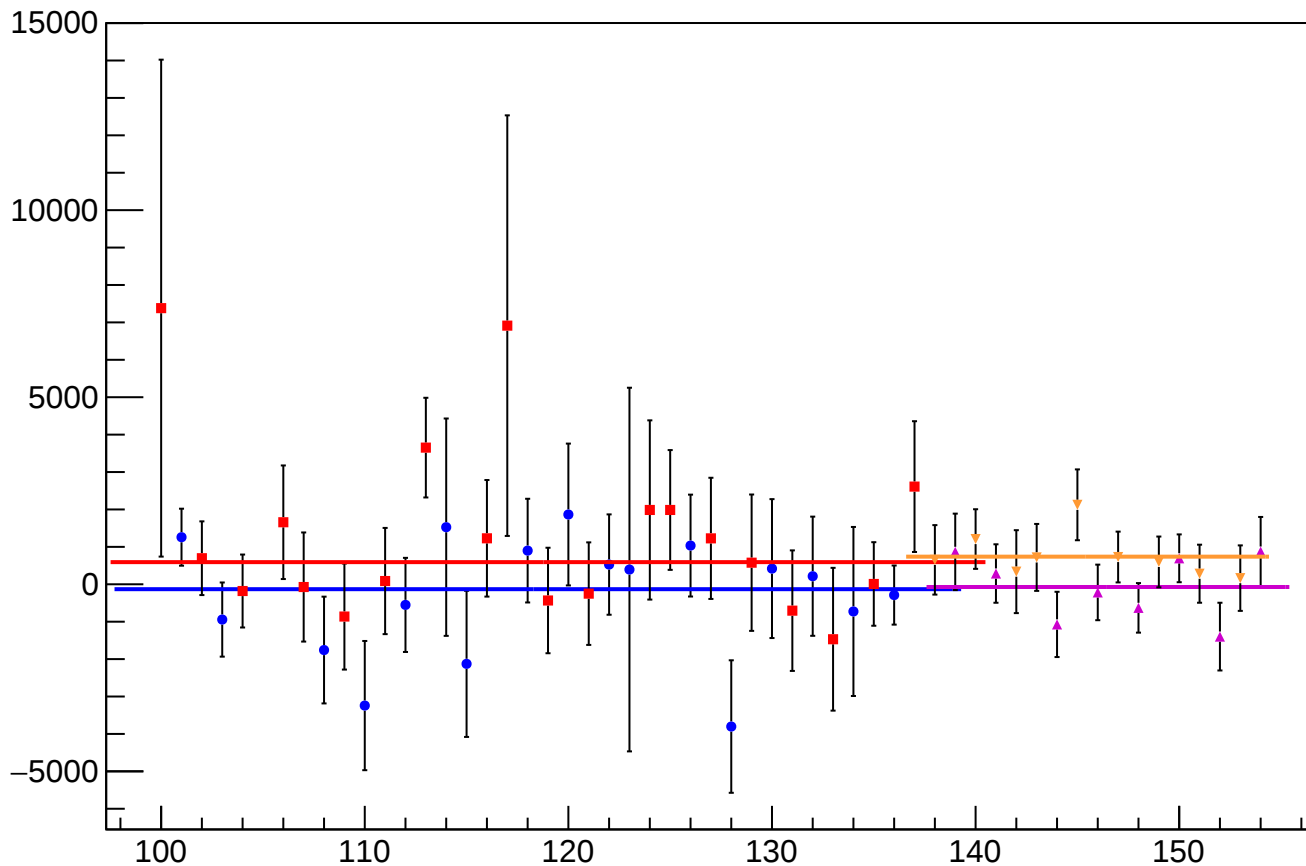
Right Out: 565.150 $\pm$ 0.149 χ^2 /NDF: 49653.1/19

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

564.888 $\pm$ 0.110 χ^2 /NDF: 21712.2/25

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

asym_right_avg_correction_mean vs Slug



Right In: -131.097 ± 327.588 χ^2/NDF : 17.2/16

Left Out: 738.414 ± 275.032 χ^2/NDF : 3.4/8

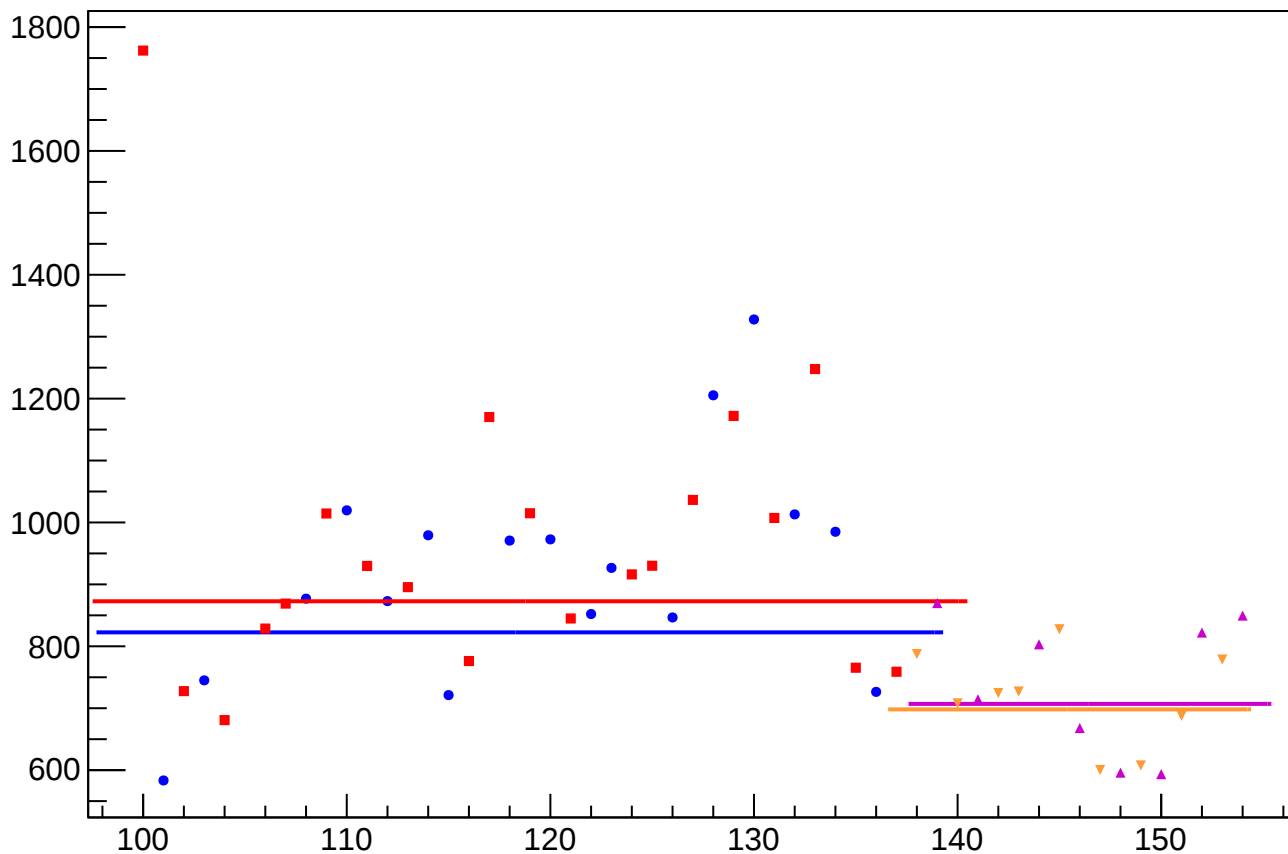
Right Out: 591.948 ± 331.825 χ^2/NDF : 15.9/19

Left In: -72.658 ± 279.077 χ^2/NDF : 7.7/7

378.917 ± 210.638 χ^2/NDF : 24.8/25

202.686 ± 213.581 χ^2/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: 698.116+/-0.194 χ^2/NDF :153718.2/8

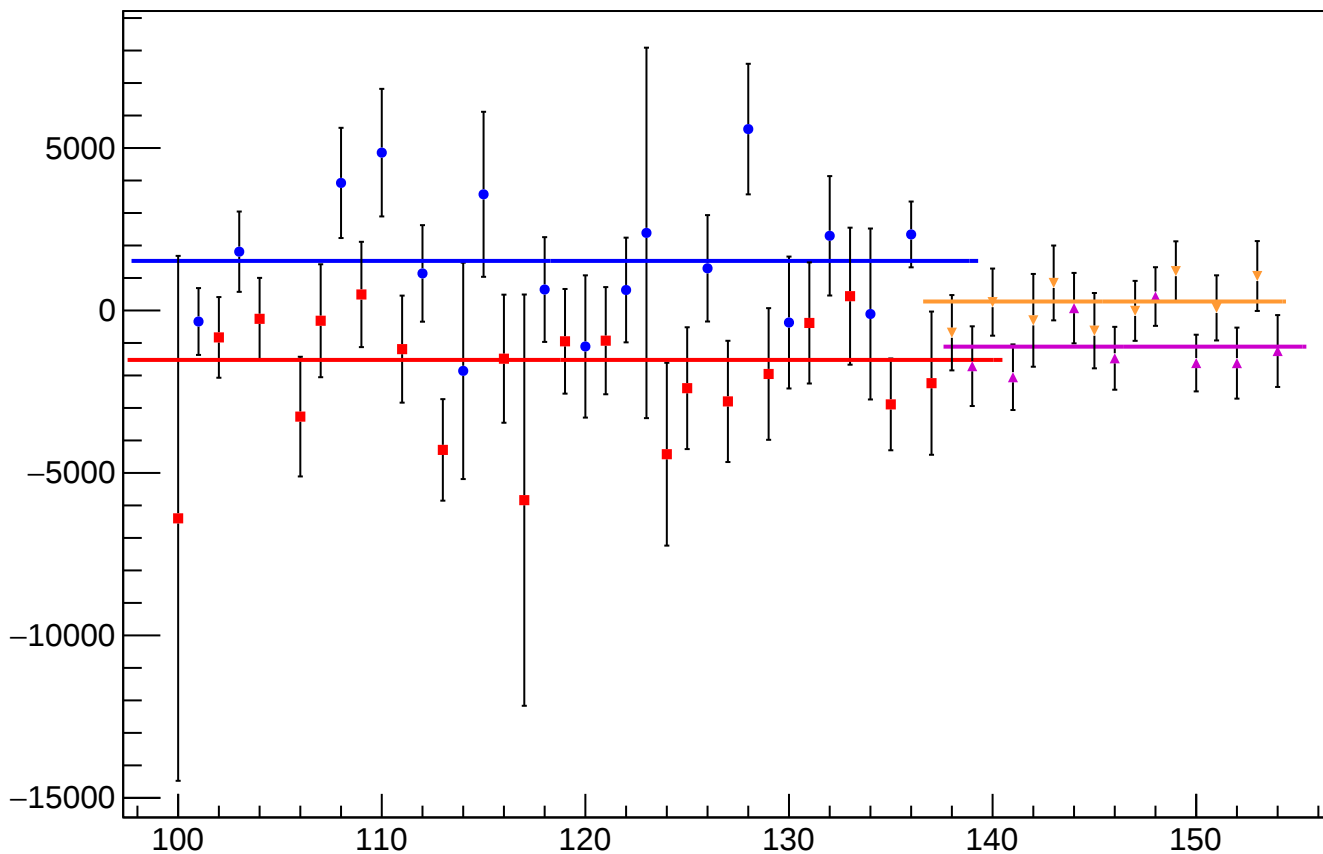
Right Out: 872.719+/-0.235 χ^2/NDF : 412481.2/19

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

749.553+/-0.149 χ^2/NDF : 923874.0/25

775.663+/-0.151 χ^2/NDF : 984433.1/27

asym_right_avg_mean vs Slug



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

Left Out: 276.181 $\pm$ 355.940 χ^2 /NDF: 3.4/8

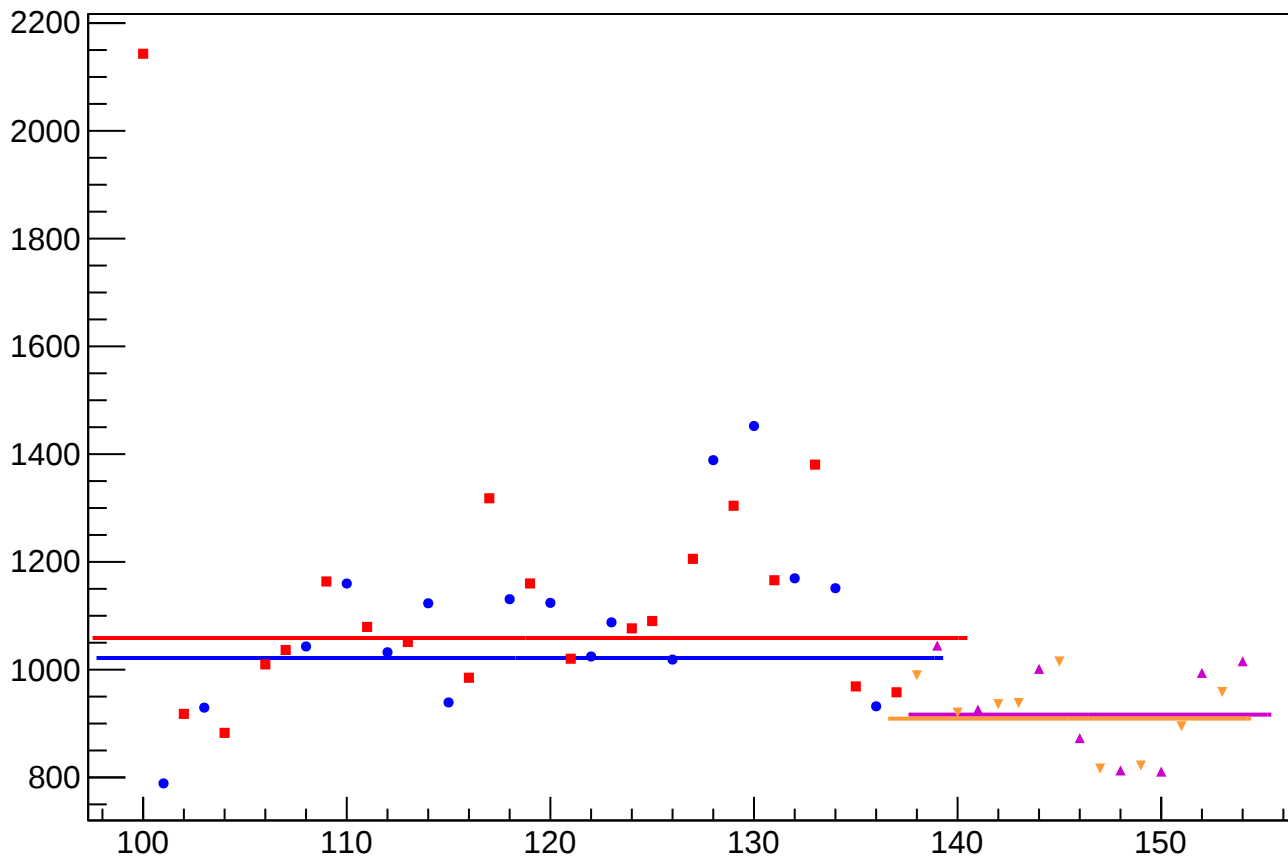
Right Out: -1521.641 $\pm$ 399.157 χ^2 /NDF: 12.6/19

Left In: -1113.404 $\pm$ 358.926 χ^2 /NDF: 5.9/7

825.518 $\pm$ 266.428 χ^2 /NDF: 27.1/25

-1295.919 $\pm$ 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: 909.170+/-0.252 χ^2/NDF : 71396.0/8

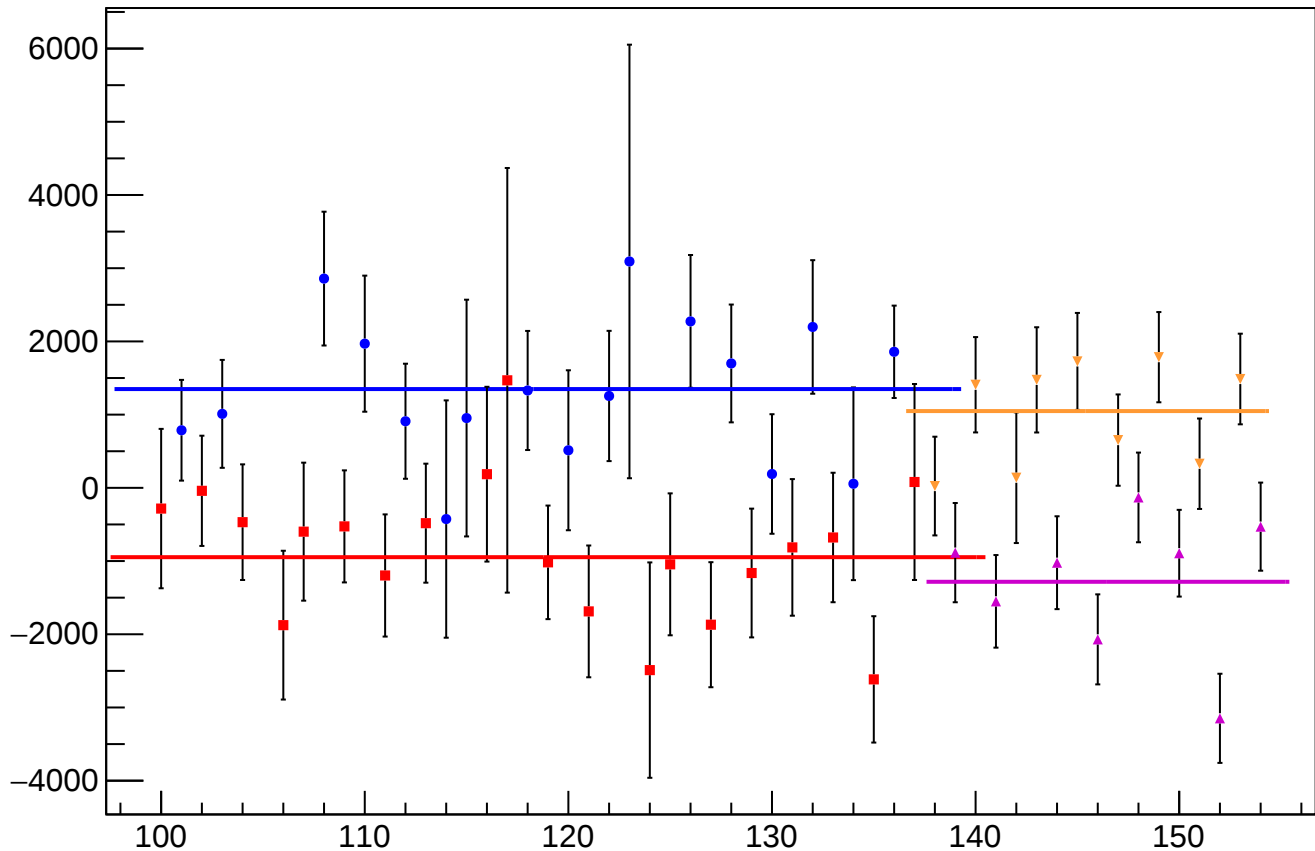
Right Out: 1058.783+/-0.282 χ^2/NDF : 234314.8/19

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

958.636+/-0.188 χ^2/NDF : 491189.6/25

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: 1048.478 $\pm$ 221.043 χ^2 /NDF: 8.7/8

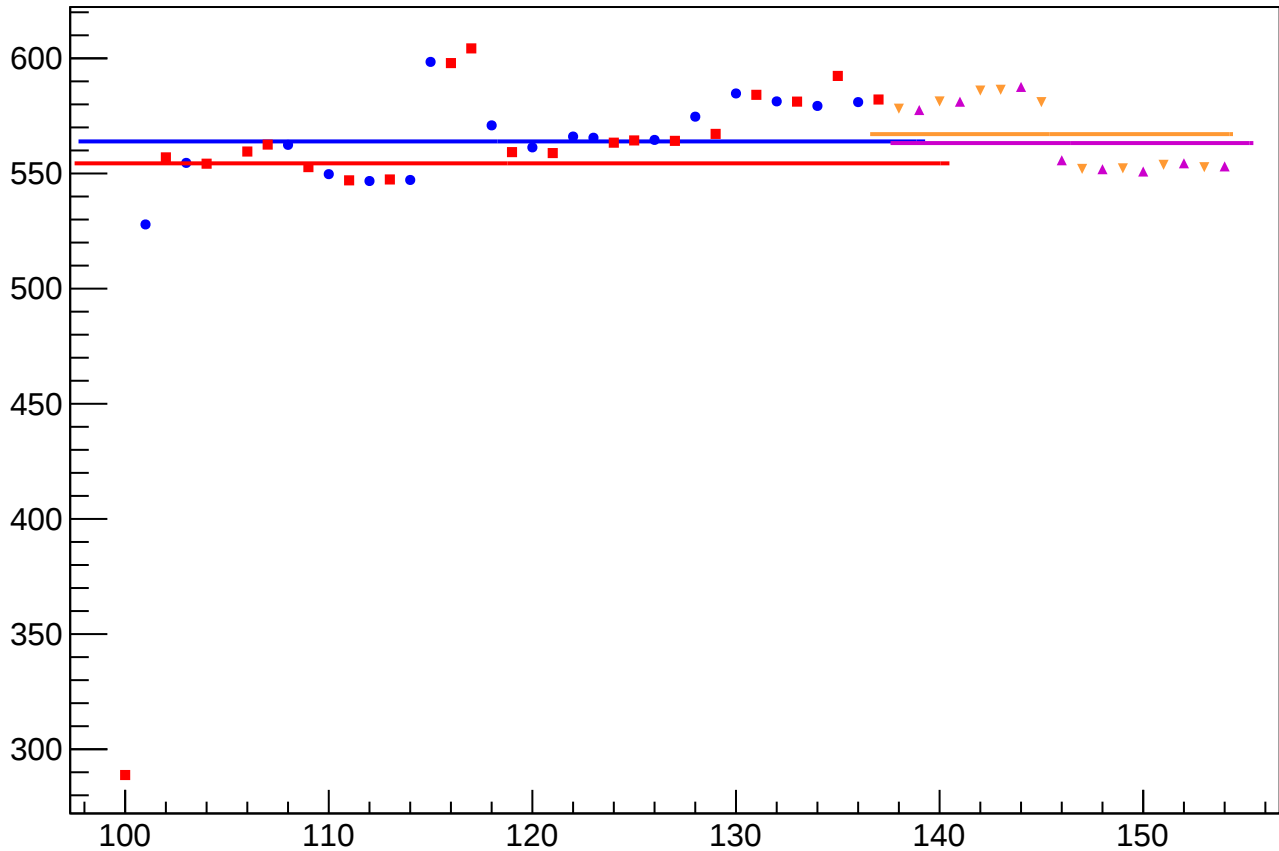
Right Out: -947.051 $\pm$ 207.609 χ^2 /NDF: 12.9/19

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

1200.652 $\pm$ 155.344 χ^2 /NDF: 22.0/25

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

reg_asym_right_dd_rms vs Slug



Right In: 563.922+/-0.154 χ^2/NDF : 12663.1/16

Left Out: 567.093+/-0.156 χ^2/NDF : 9045.7/8

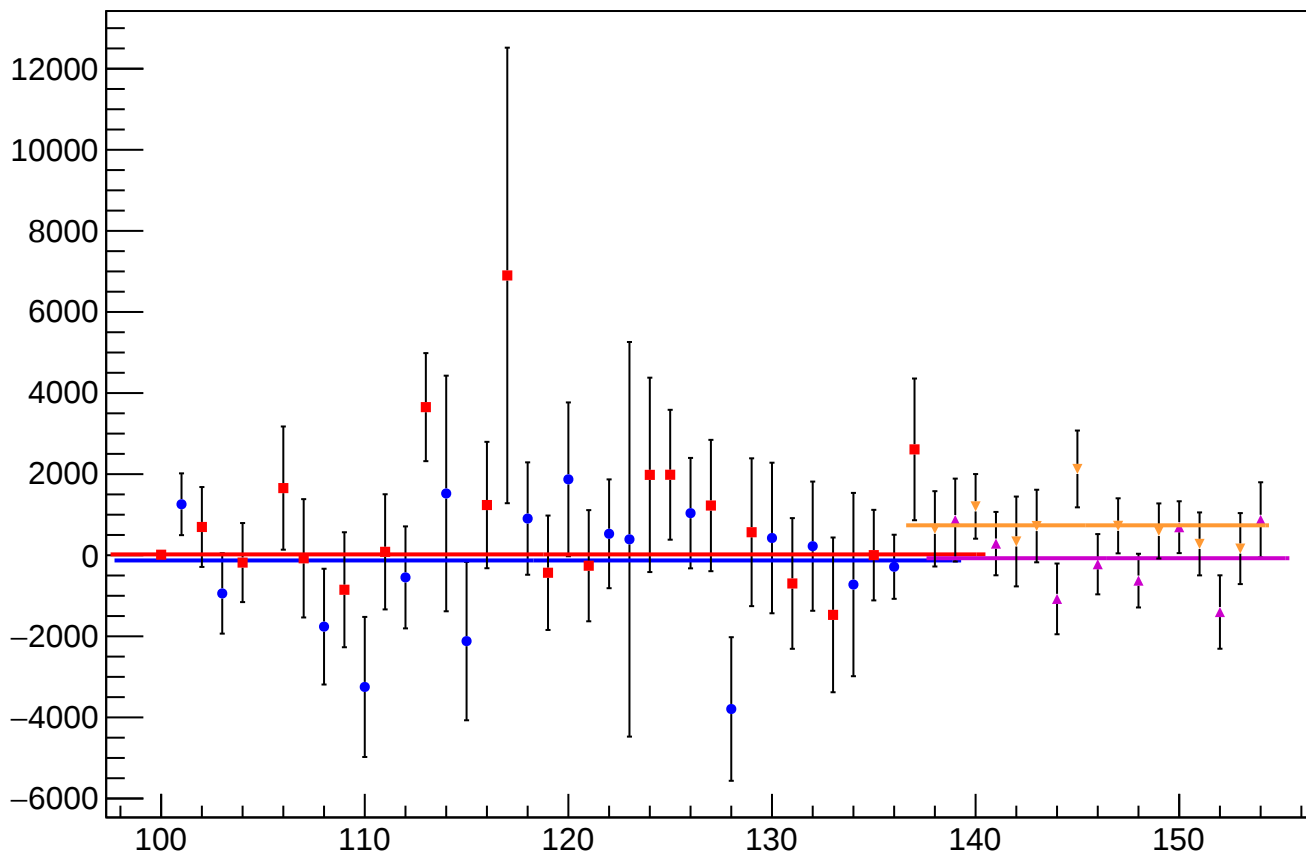
Right Out: 554.402+/-0.147 χ^2/NDF : 132560.6/19

Left In: 563.206+/-0.155 χ^2/NDF : 8300.6/7

565.488+/-0.110 χ^2/NDF : 21917.0/25

558.562+/-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: 737.900 ± 275.132 χ^2/NDF : 3.5/8

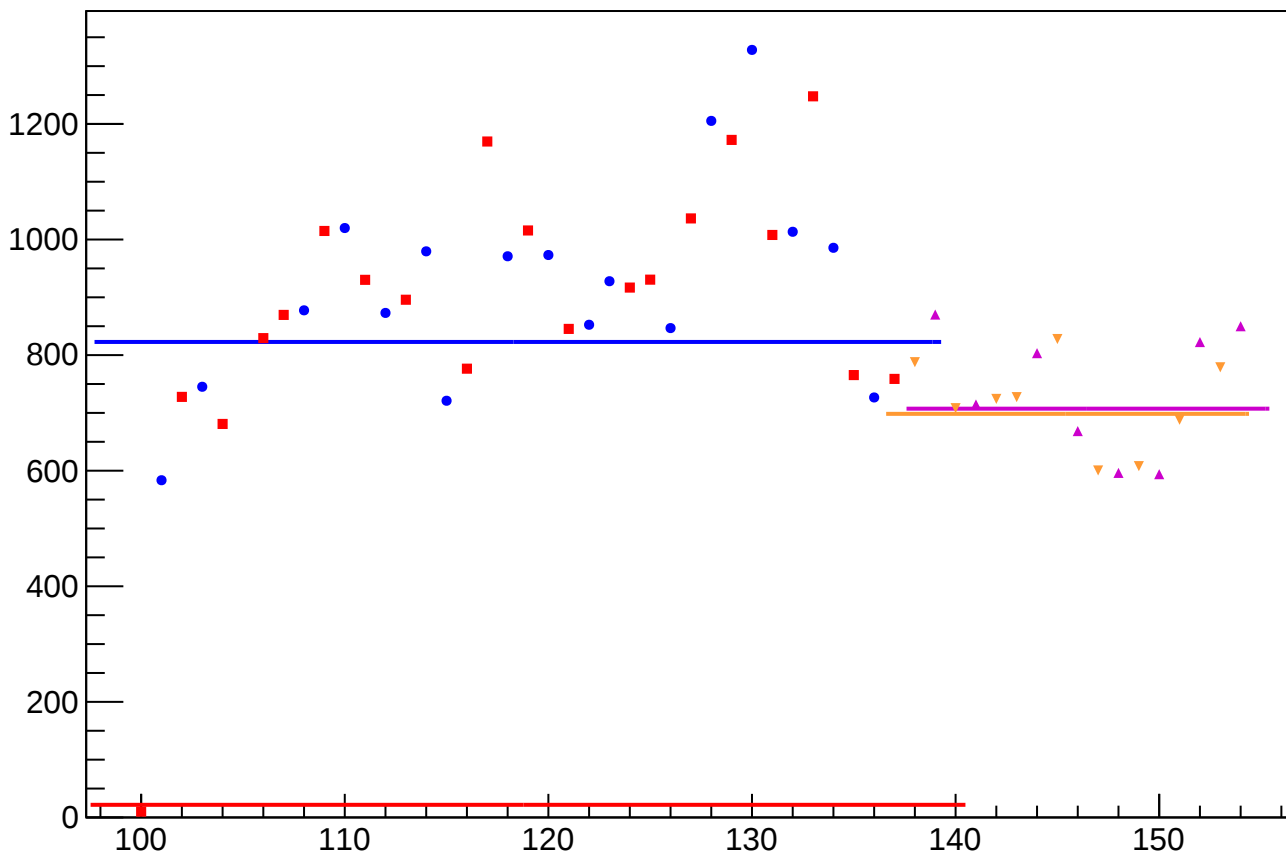
Right Out: 20.715 ± 38.953 χ^2/NDF : 17.6/19

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

379.572 ± 210.710 χ^2/NDF : 24.8/25

18.916 ± 38.580 χ^2/NDF : 25.5/27

asym_right_dd_correction_rms vs Slug



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

Left Out: 698.364 $\pm$ 0.195 χ^2 /NDF: 153784.6/8

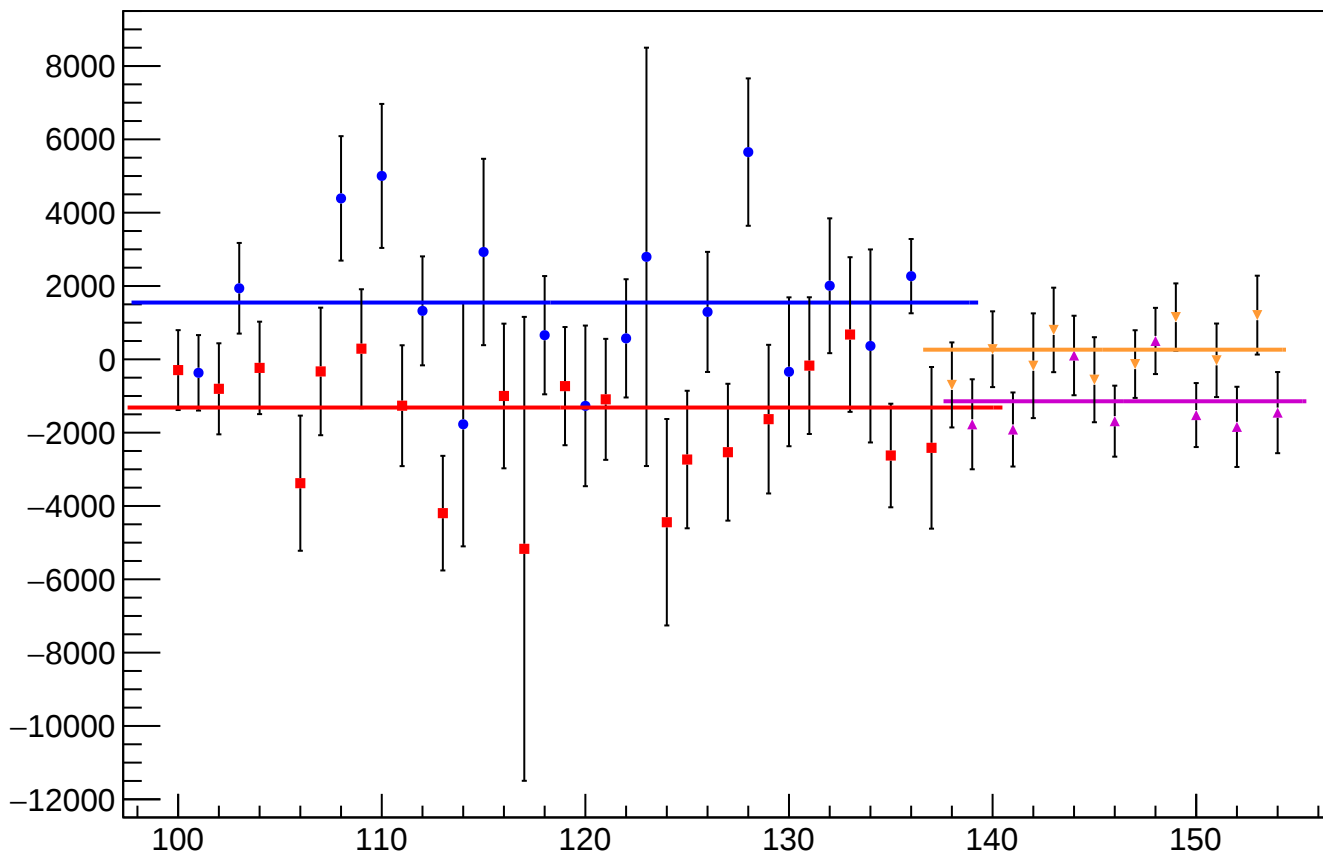
Right Out: 21.867 $\pm$ 0.028 χ^2 /NDF: 13607091.0/19

Left In: 707.323 $\pm$ 0.197 χ^2 /NDF: 279554.9/7

749.807 $\pm$ 0.149 χ^2 /NDF: 923760.8/25

34.955 $\pm$ 0.027 χ^2 /NDF: 25711513.7/27

asym_right_dd_mean vs Slug



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

Left Out: 263.166 $\pm$ 356.151 χ^2 /NDF:3.5/8

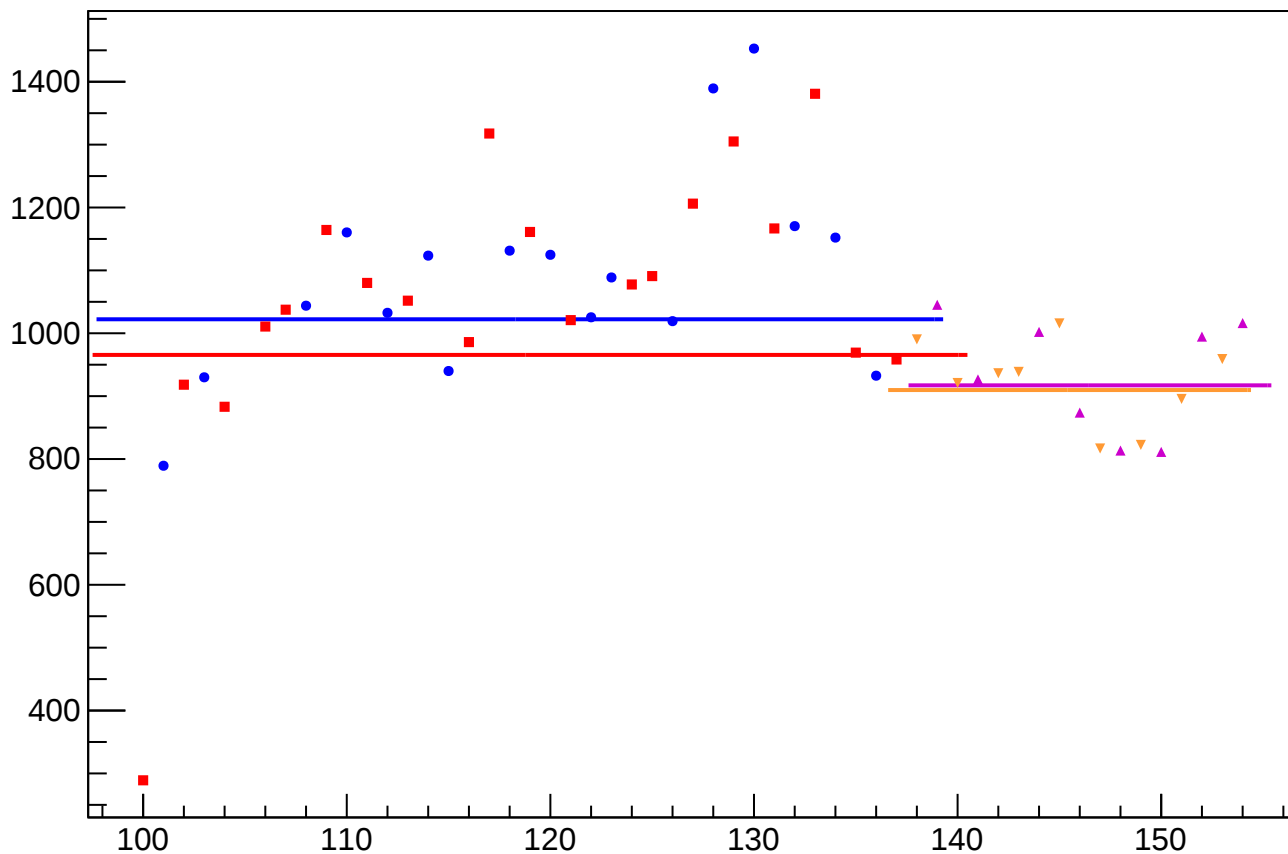
Right Out: -1314.562 $\pm$ 375.381 χ^2 /NDF: 12.9/19

Left In: -1144.021 $\pm$ 359.166 χ^2 /NDF:6.5/7

828.537 $\pm$ 266.582 χ^2 /NDF: 28.2/25

-1225.529 $\pm$ 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: 909.703+/-0.252 χ^2/NDF : 71466.7/8

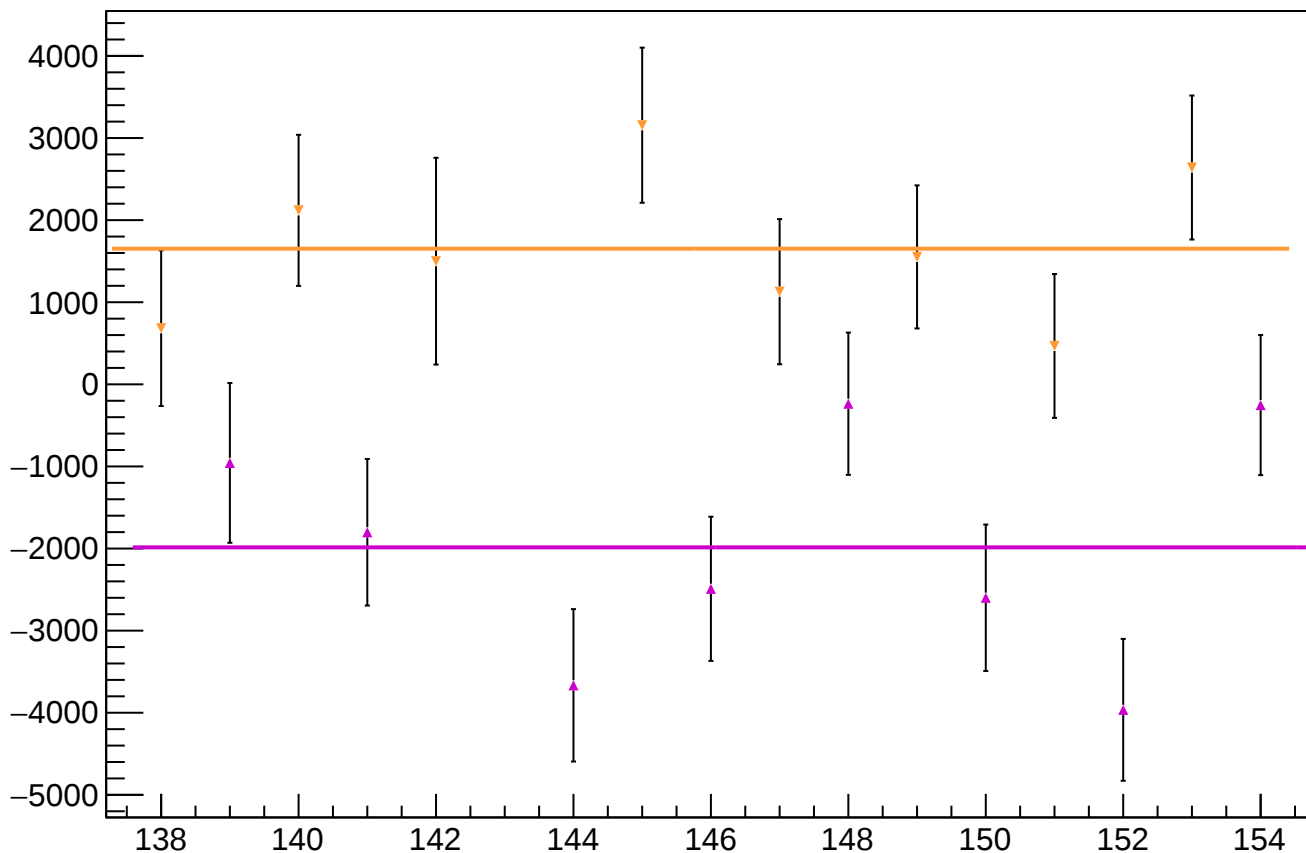
Right Out: 965.574+/-0.265 χ^2/NDF : 1073497.1/19

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

959.190+/-0.189 χ^2/NDF : 491144.5/25

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: 1652.487+/-328.905 χ^2/NDF : 7.3/7

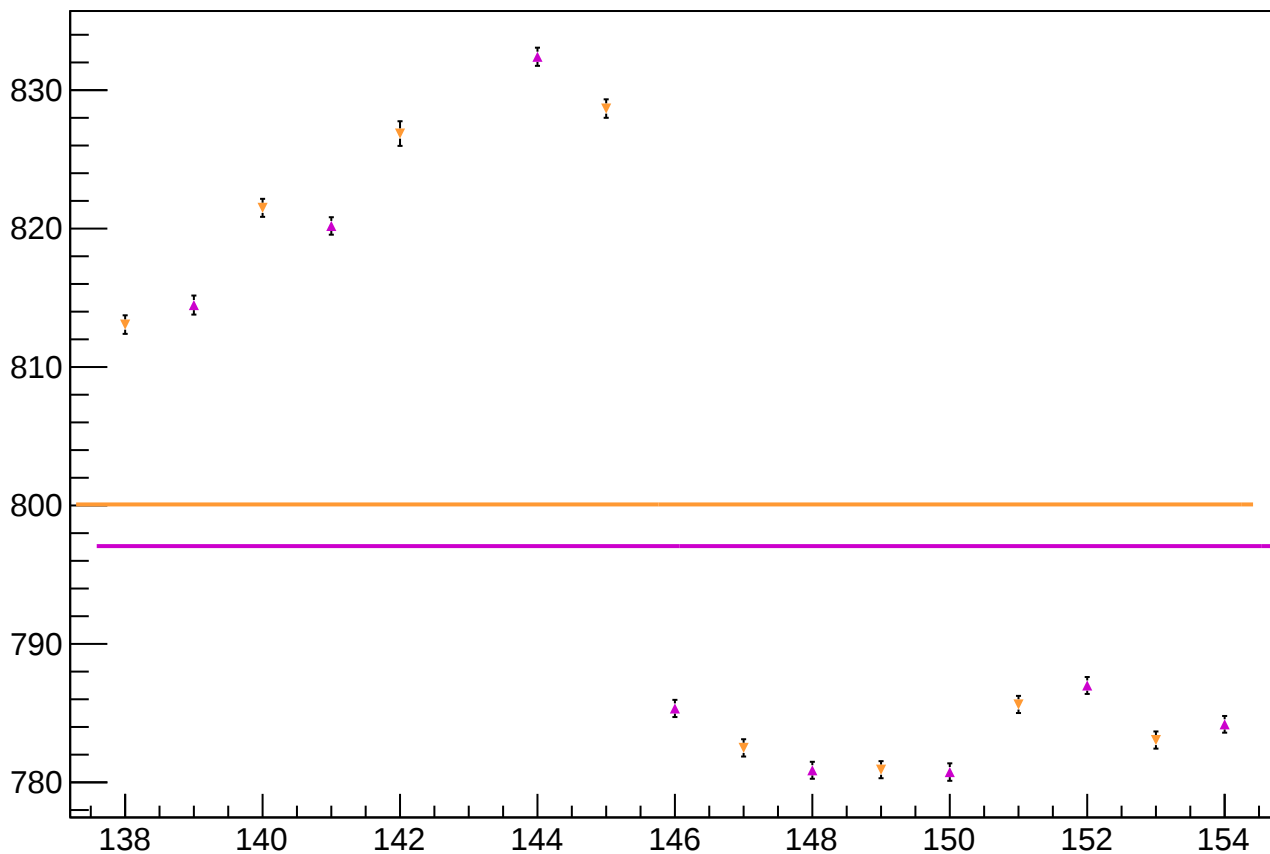
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1652.487+/-328.905 χ^2/NDF : 7.3/7

-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: 800.074+/-0.233 χ^2/NDF : 7252.5/7

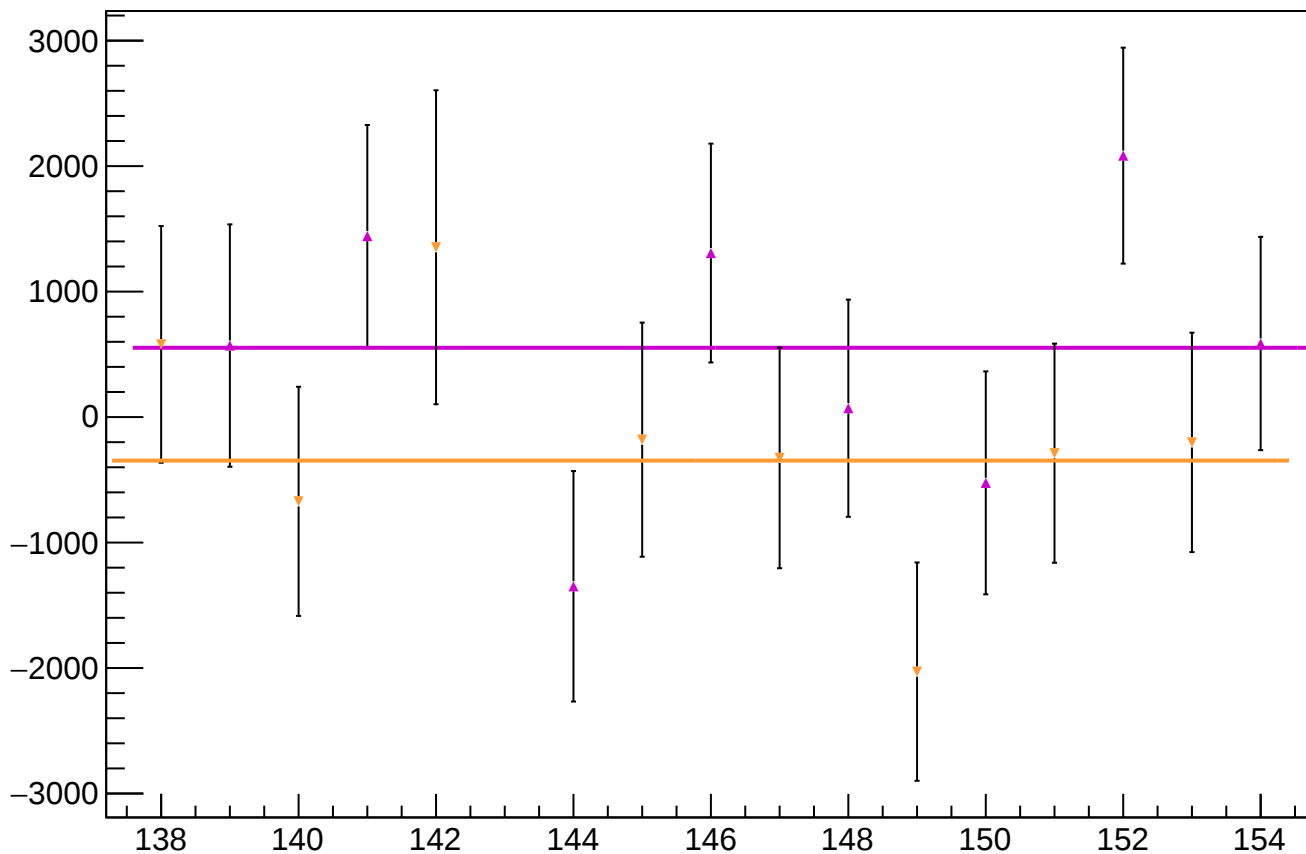
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

800.074+/-0.233 χ^2/NDF : 7252.5/7

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: -346.564+/-327.101 χ^2/NDF : 6.7/7

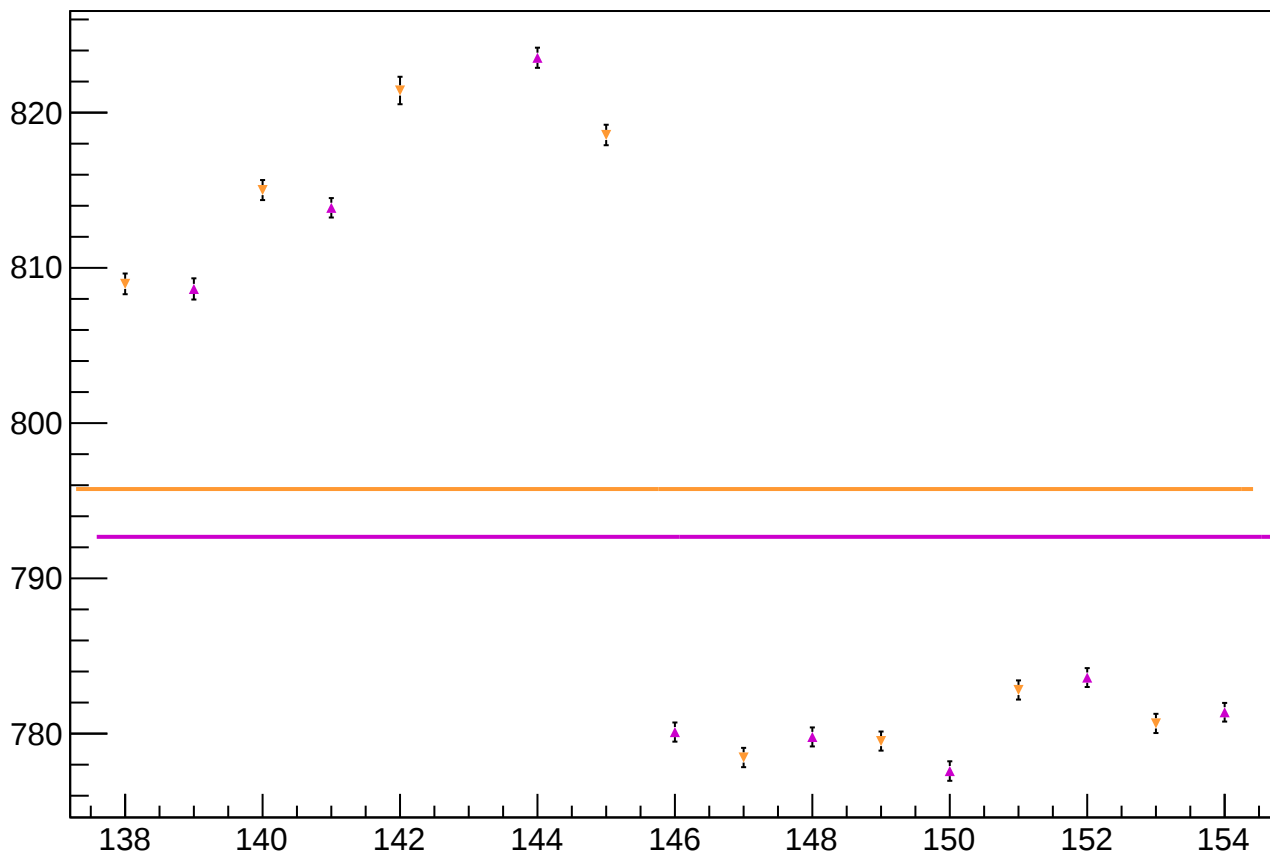
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

-346.564+/-327.101 χ^2/NDF : 6.7/7

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: 795.754+/-0.231 χ^2/NDF : 5825.4/7

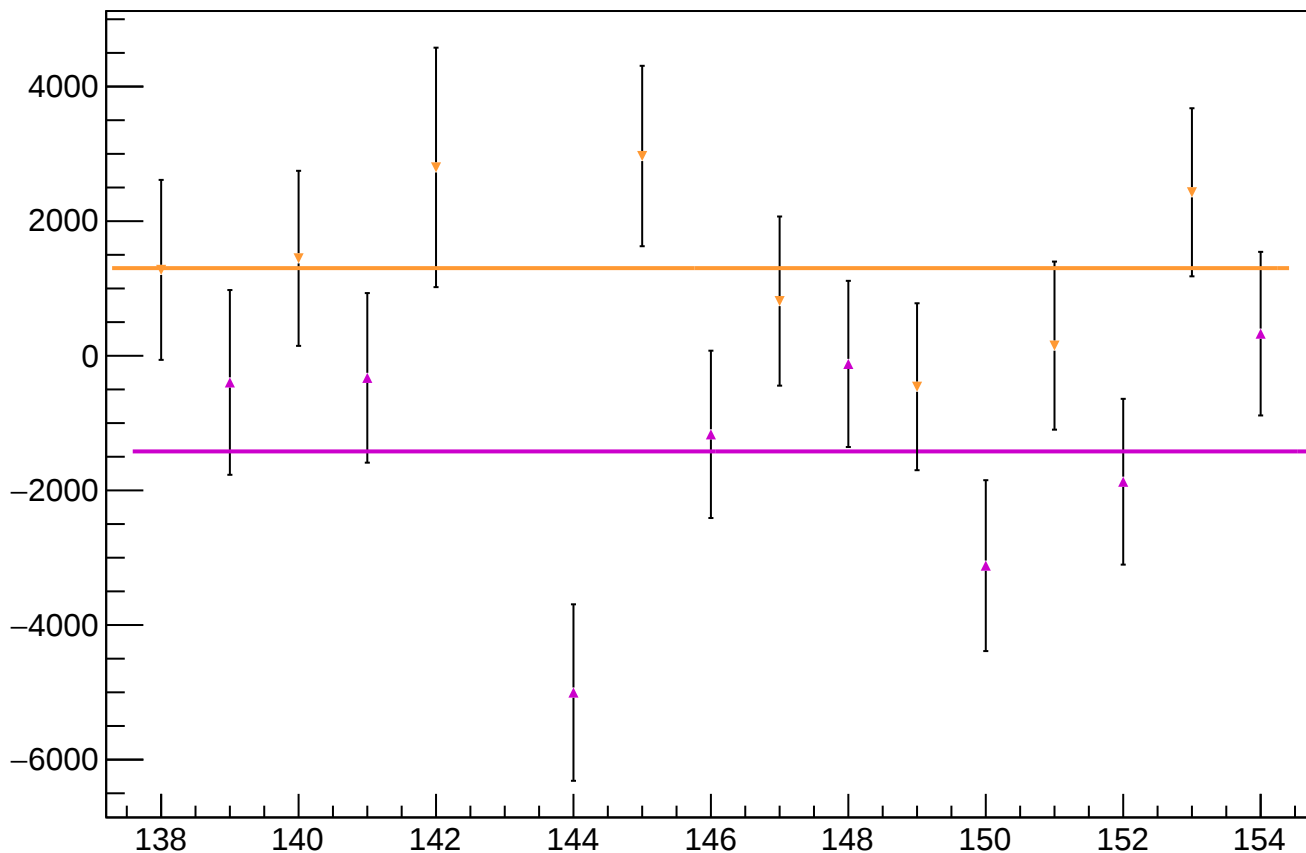
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

795.754+/-0.231 χ^2/NDF : 5825.4/7

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: 1302.330+/-466.771 χ^2/NDF : 6.1/7

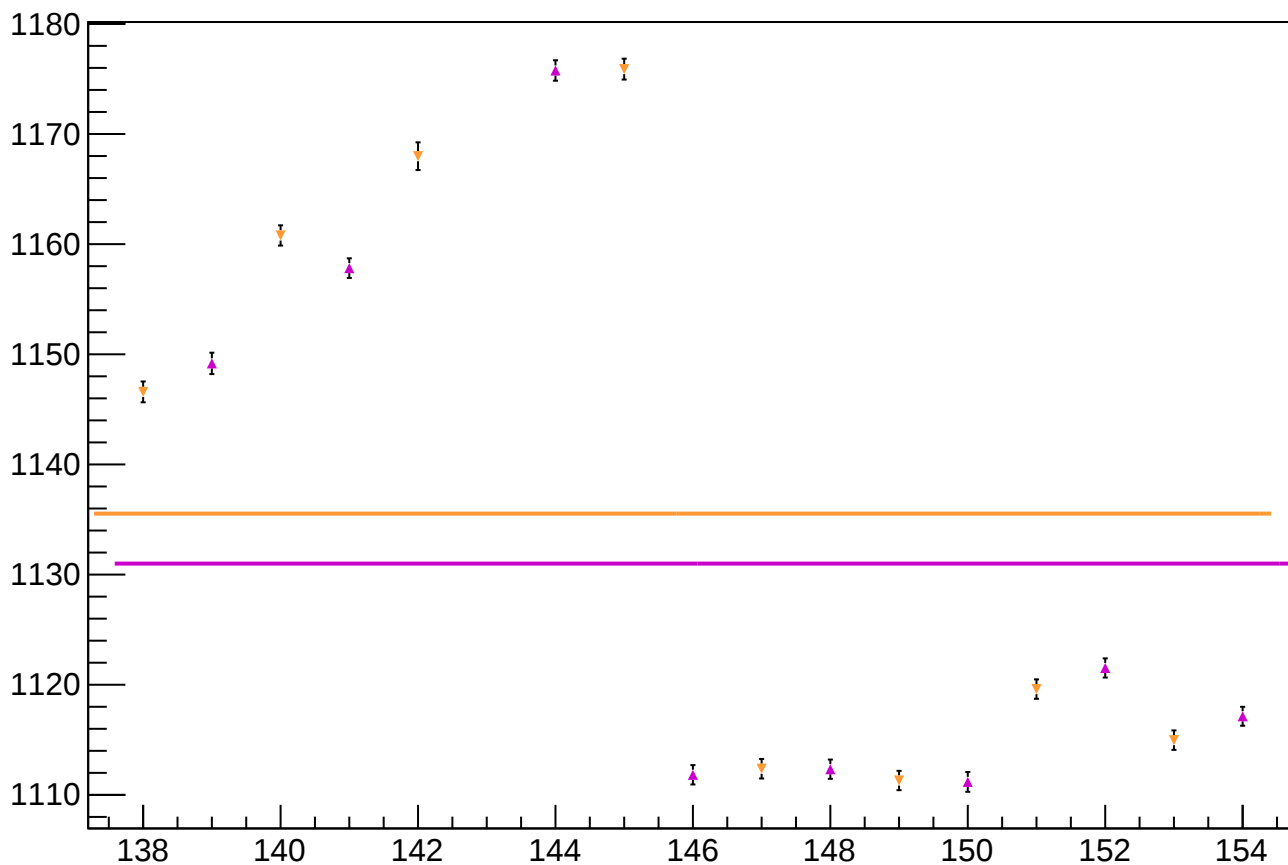
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1302.330+/-466.771 χ^2/NDF : 6.1/7

-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: 1135.537+/-0.330 χ^2/NDF : 5680.2/7

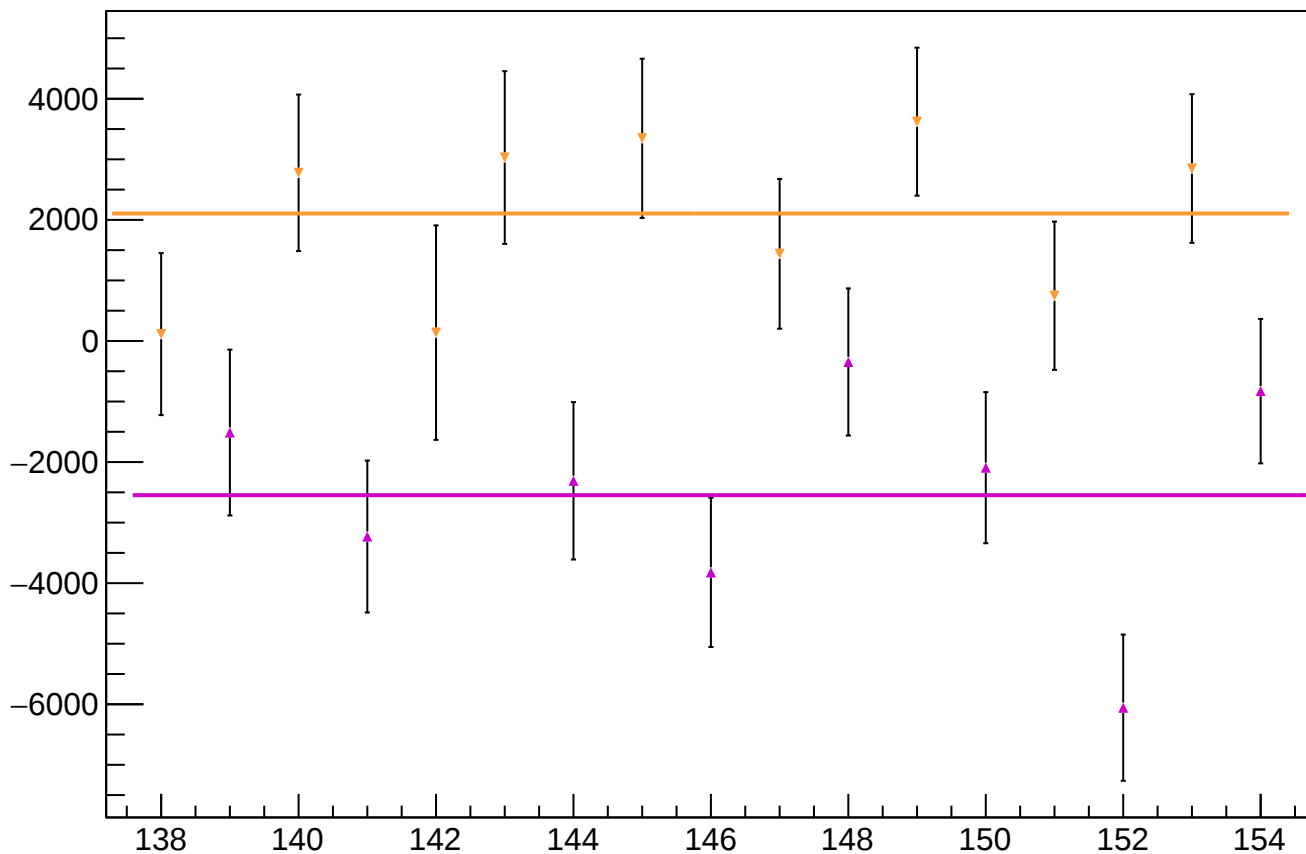
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1135.537+/-0.330 χ^2/NDF : 5680.2/7

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: 2105.683+/-438.596 χ^2/NDF : 8.5/8

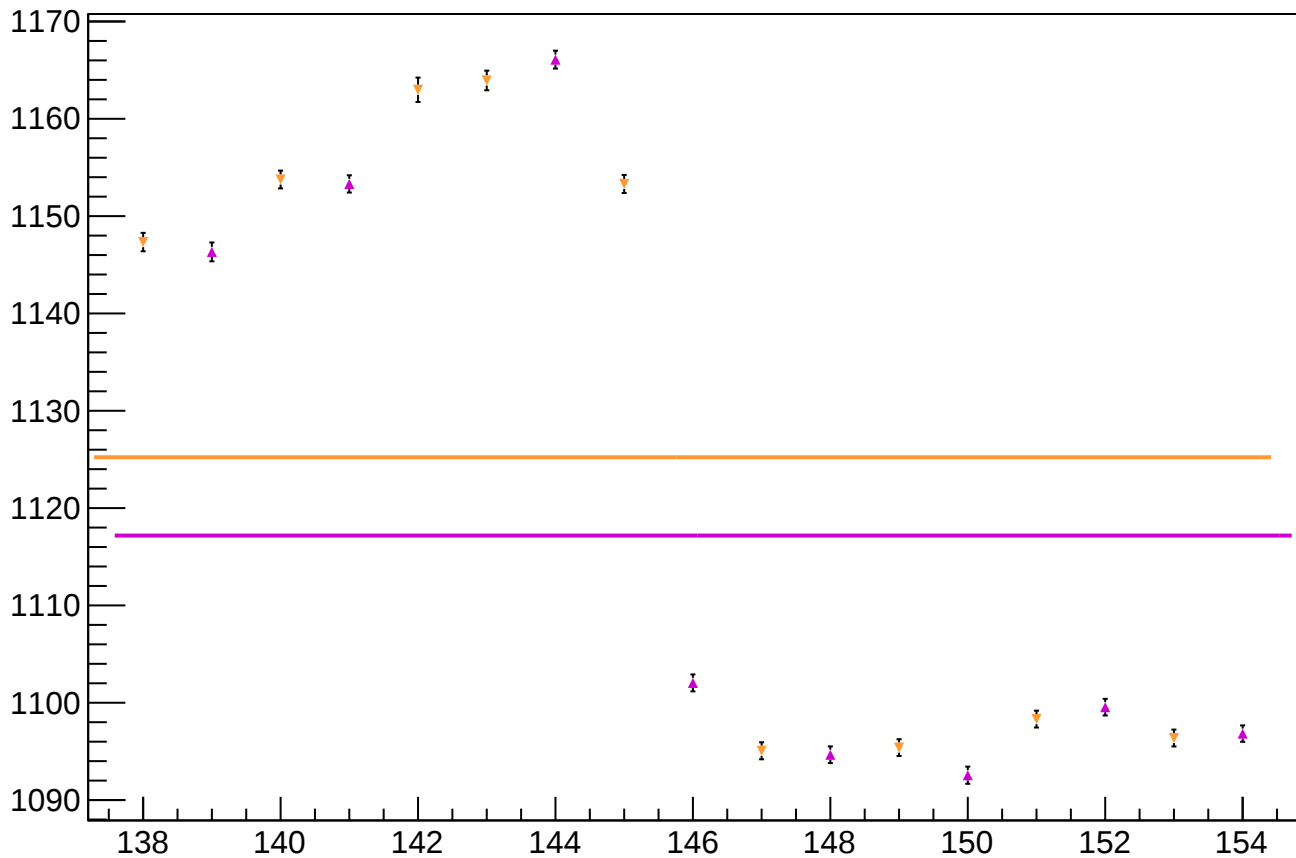
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2105.683+/-438.596 χ^2/NDF : 8.5/8

-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: 1125.223+/-0.310 χ^2/NDF : 9264.5/8

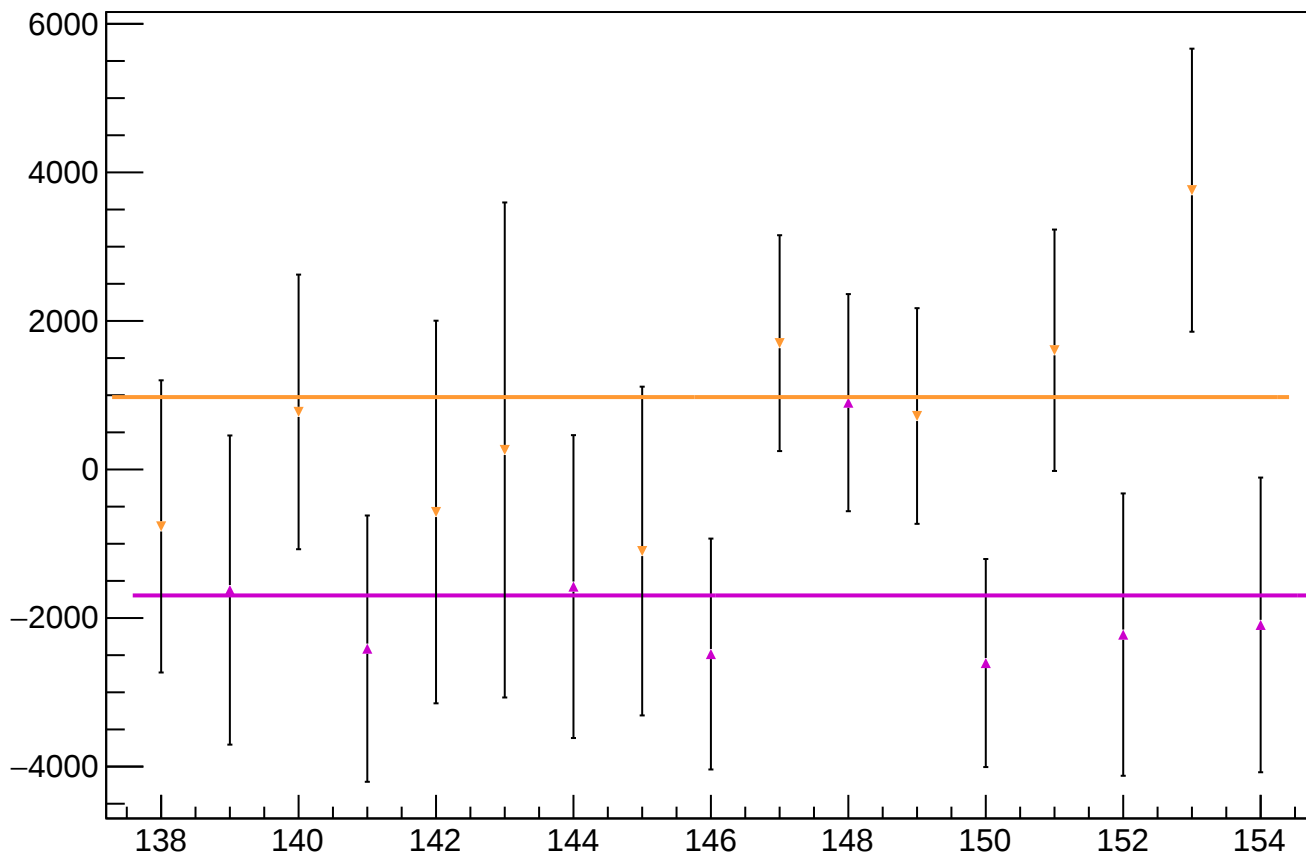
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1125.223+/-0.310 χ^2/NDF : 9264.5/8

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: 974.823+/-620.415 χ^2/NDF : 4.6/8

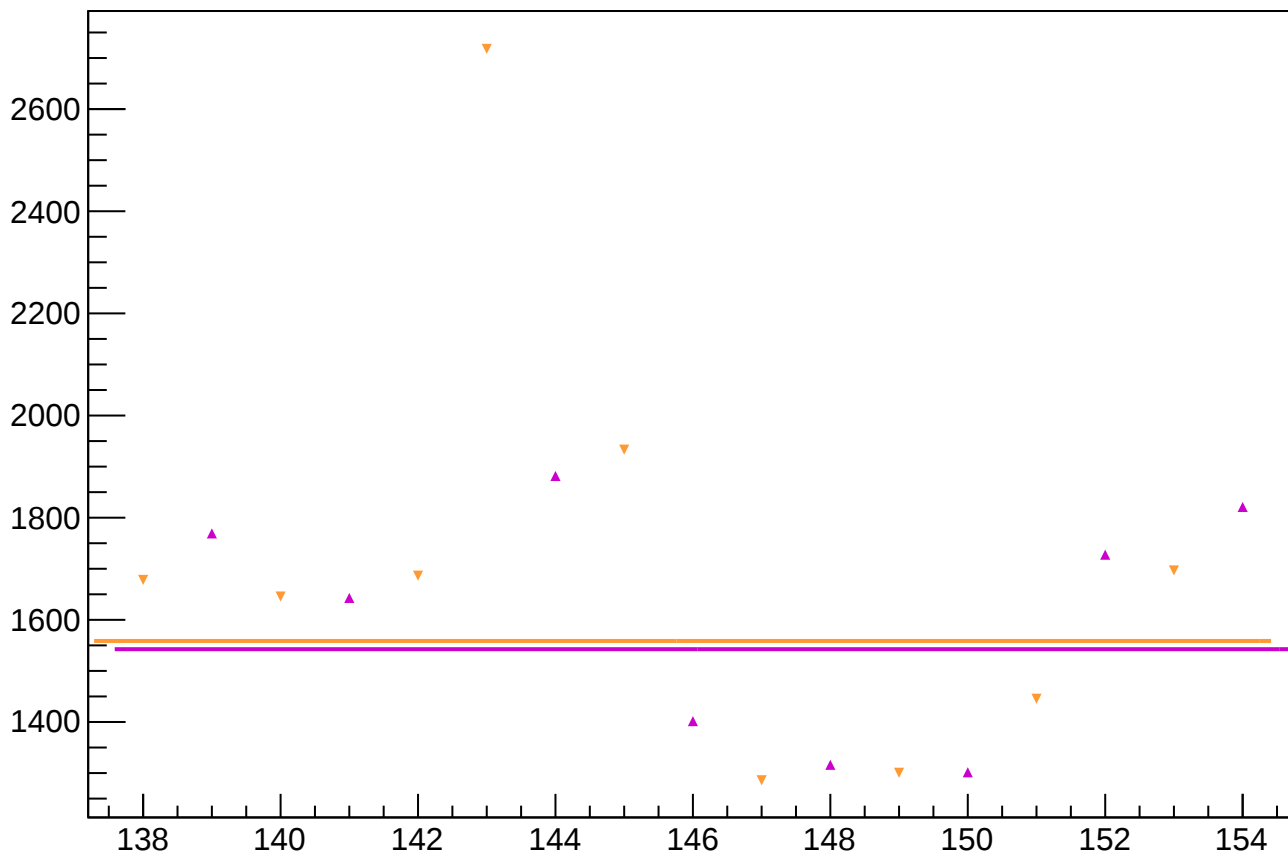
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

974.823+/-620.415 χ^2/NDF : 4.6/8

-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: 1558.670+/-0.439 χ^2/NDF : 469909.0/8

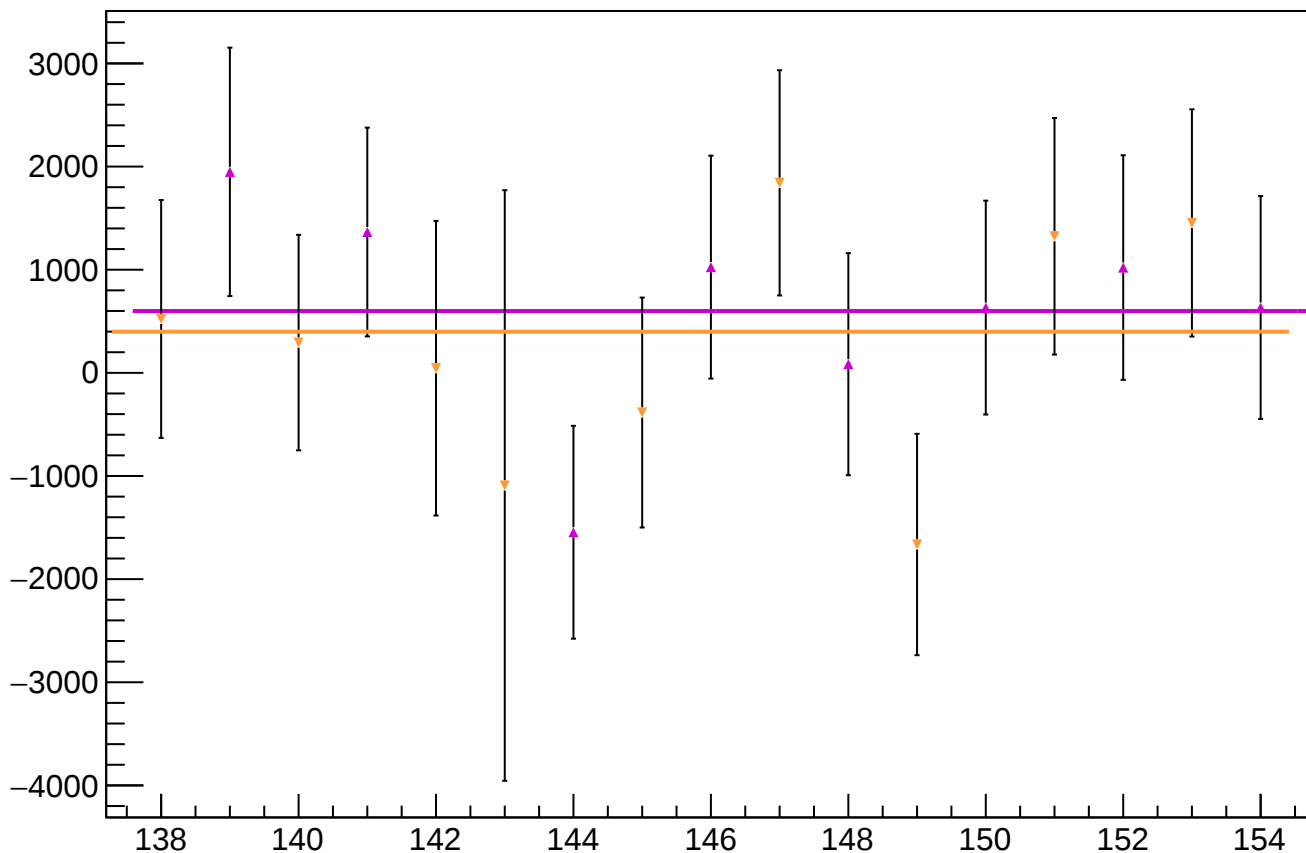
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1558.670+/-0.439 χ^2/NDF : 469909.0/8

1542.547+/-0.430 χ^2/NDF : 267307.3/7

asym_us_agg_dd_mean vs Slug



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

Left Out: 399.323 $\pm$ 396.012 χ^2 /NDF: 7.9/8

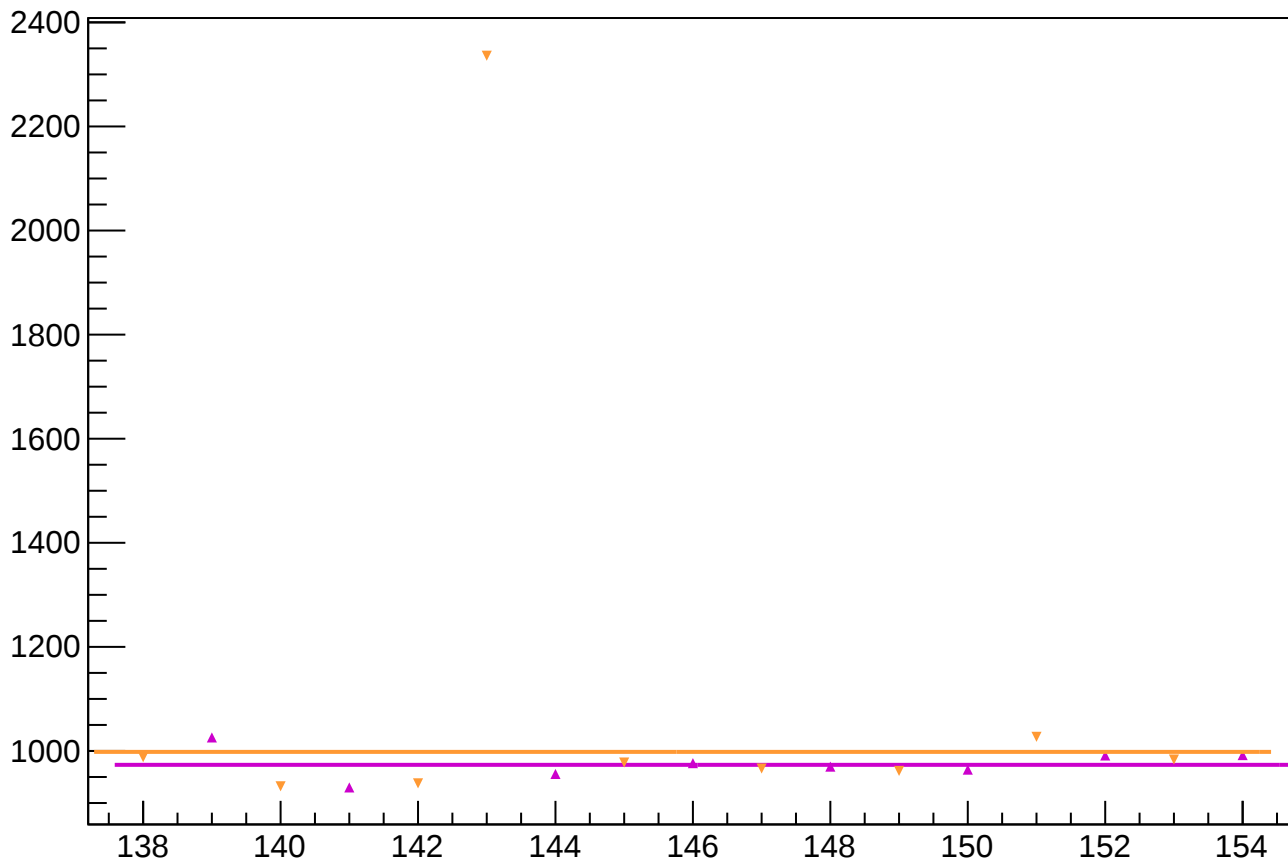
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 599.339 $\pm$ 379.200 χ^2 /NDF: 6.7/7

399.323 $\pm$ 396.012 χ^2 /NDF: 7.9/8

599.339 $\pm$ 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: 998.246+/-0.280 χ^2/NDF : 454631.4/8

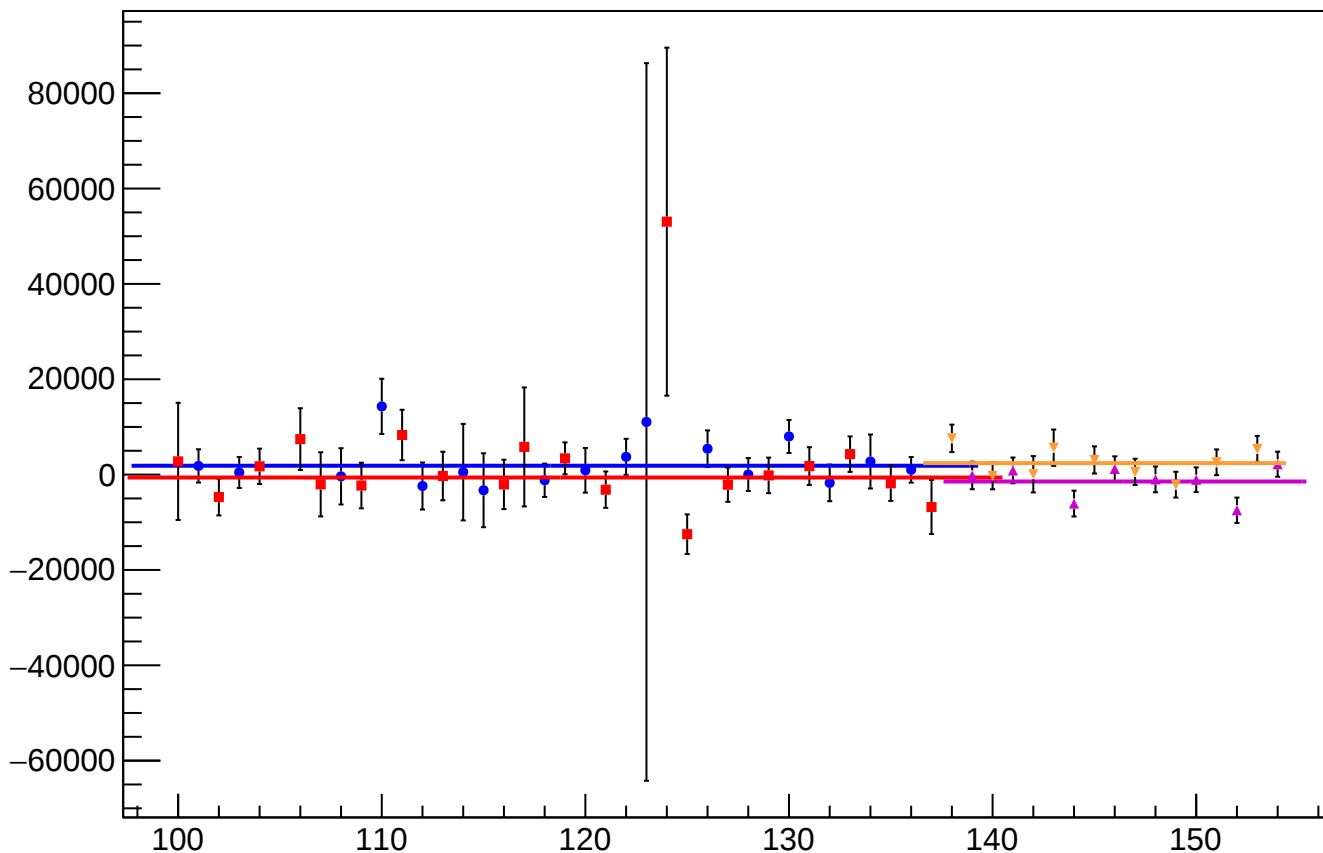
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

998.246+/-0.280 χ^2/NDF : 454631.4/8

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: 2406.976 $\pm$ 976.288 χ^2 /NDF: 9.8/8

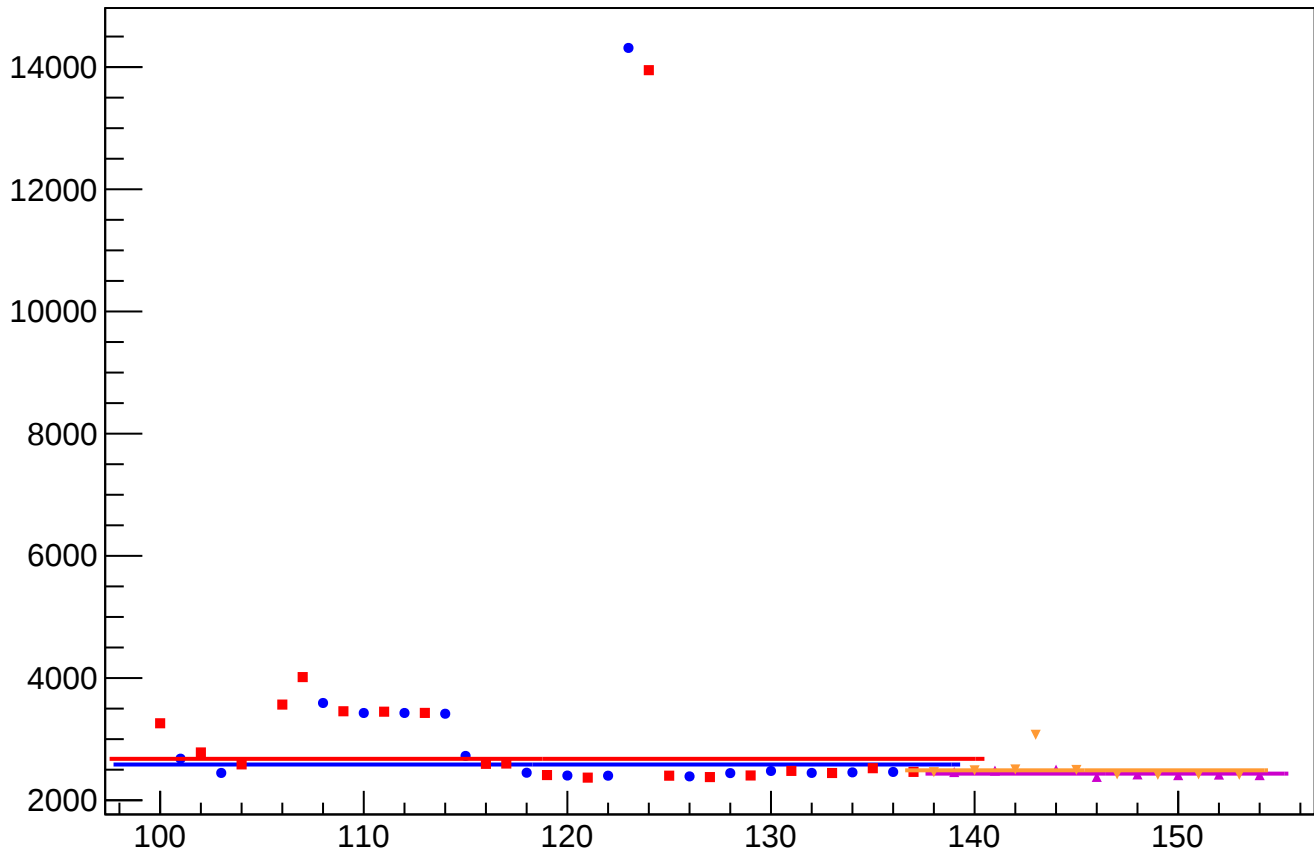
Right Out: -611.041 $\pm$ 1020.345 χ^2 /NDF: 22.3/19

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

2143.585 $\pm$ 703.106 χ^2 /NDF: 22.4/25

-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: 2489.837+/-0.690 χ^2/NDF : 52227.8/8

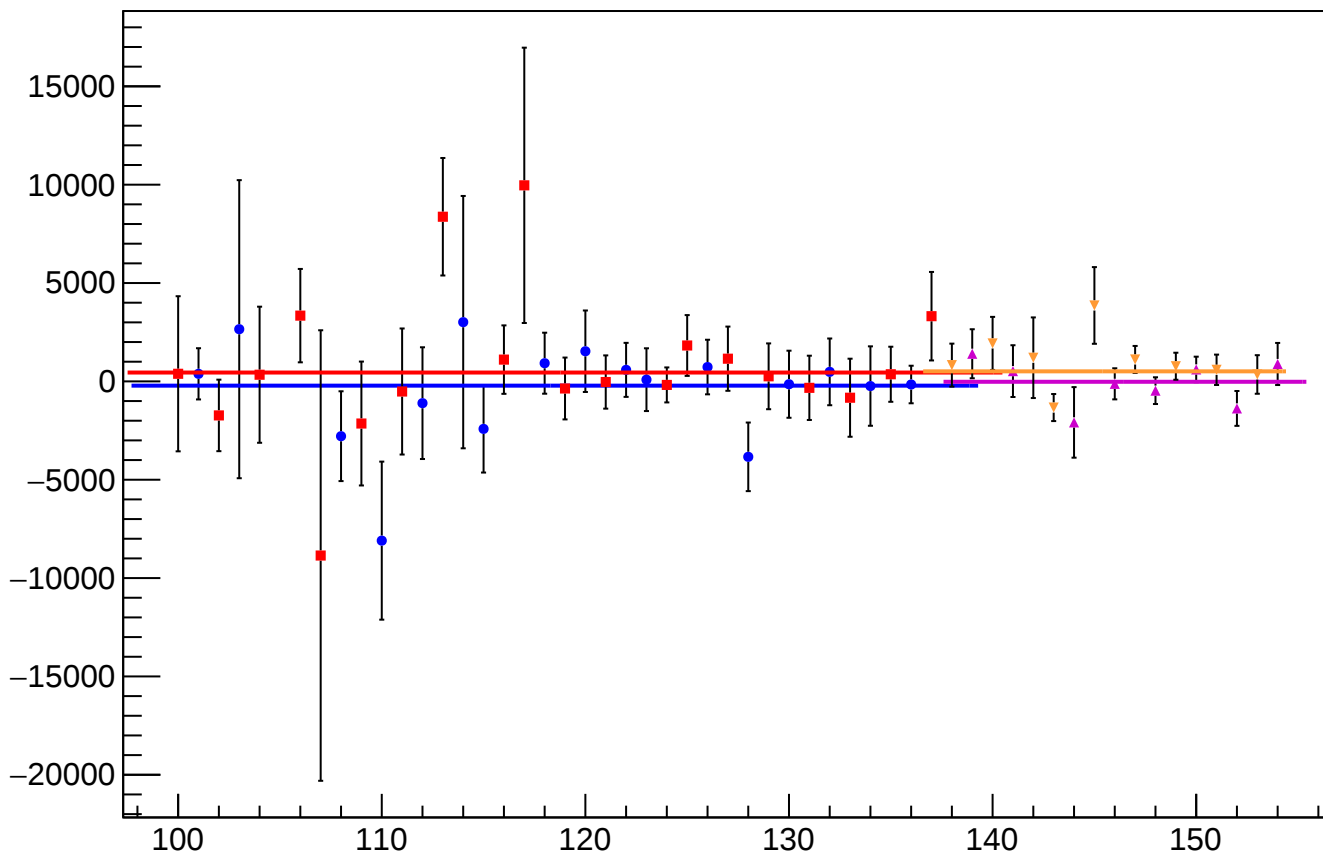
2535.555+/-0.497 χ^2/NDF : 317050.0/25

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

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

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

asym_atl1_correction_mean vs Slug



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

Left Out: 509.993+/-302.049 χ^2 /NDF:12.4/8

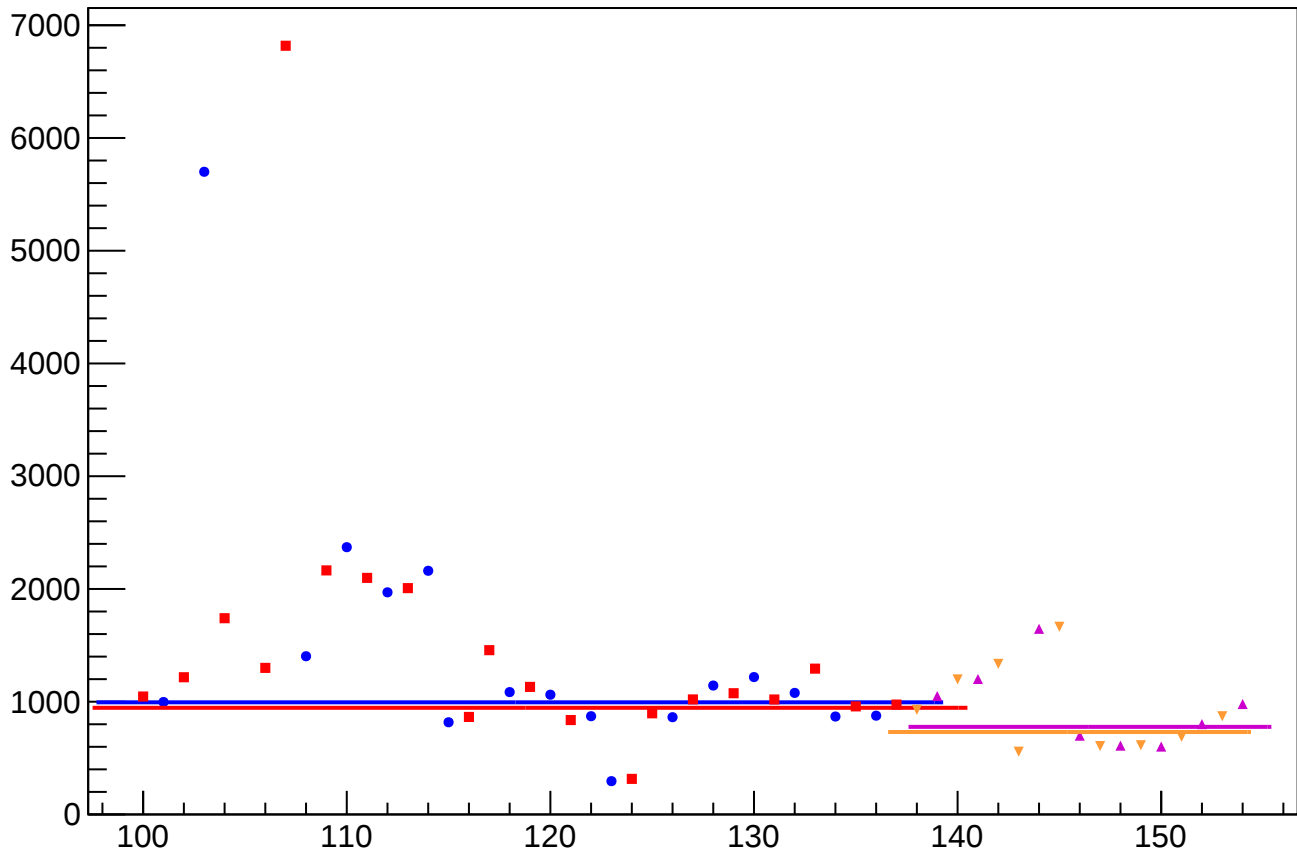
Right Out: 449.702+/-408.279 χ^2 /NDF: 17.5/19

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

262.223+/-245.235 χ^2 /NDF: 27.7/25

157.844+/-251.452 χ^2 /NDF: 25.6/27

asym_atl1_correction_rms vs Slug



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

Left Out: 731.315+/-0.214 χ^2/NDF : 1237206.7/8

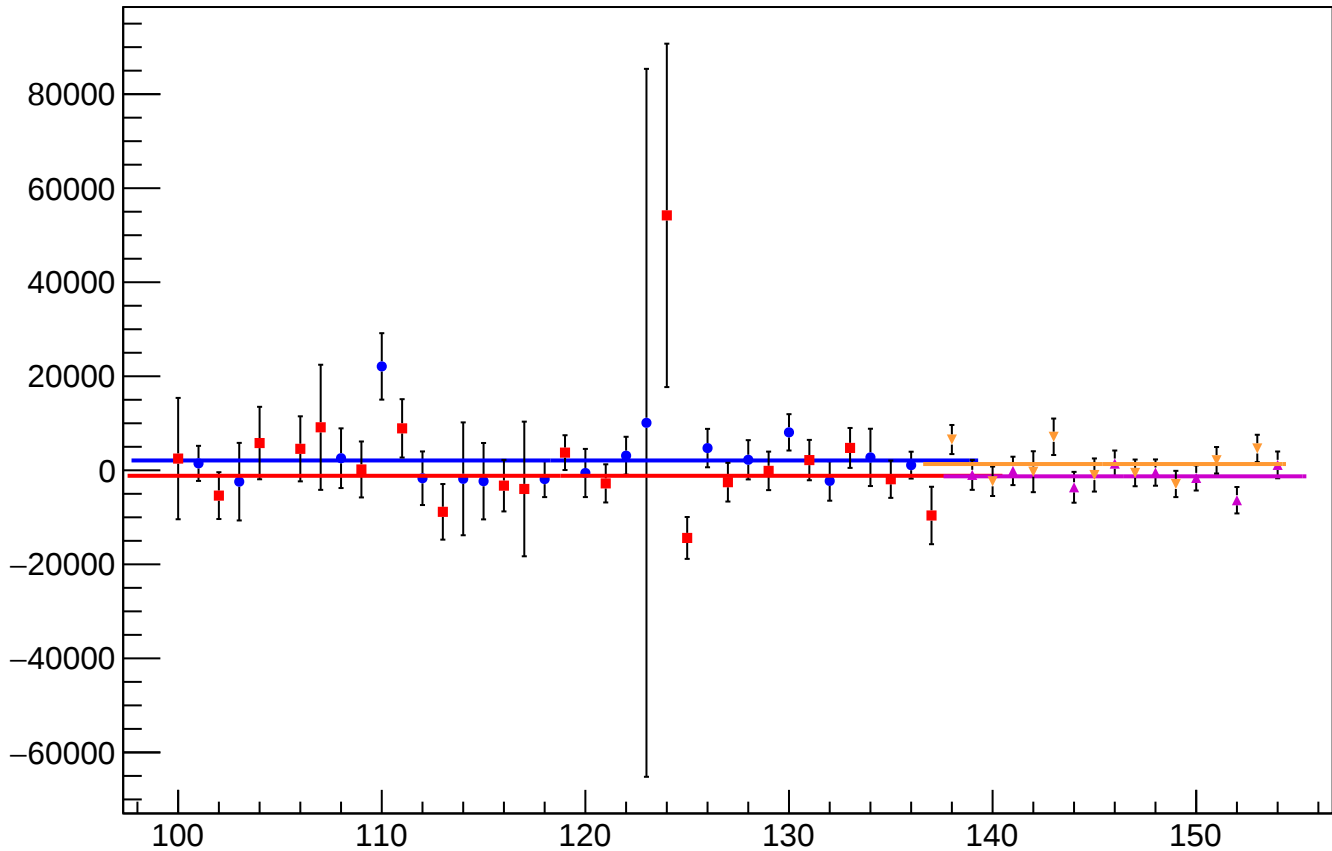
821.024+/-0.173 χ^2/NDF : 3659414.1/25

Right Out: 946.032+/-0.289 χ^2/NDF : 2676710.2/19

841.041+/-0.178 χ^2/NDF : 4022393.2/27

Left In: 776.880+/-0.226 χ^2/NDF : 1132603.0/7

asym_atl1_mean vs Slug



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

Left Out: 1334.146+/-1052.300 χ^2/NDF : 11.2/8

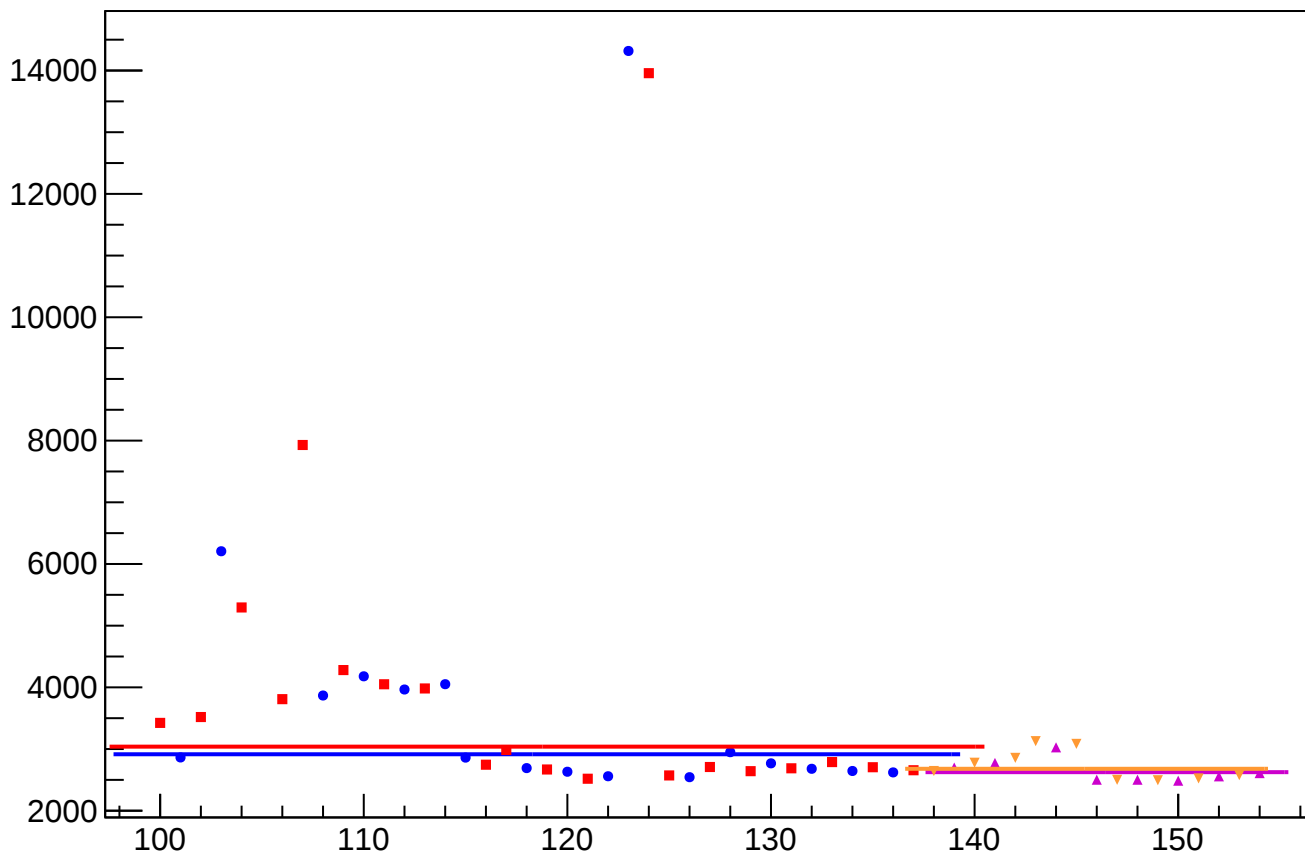
1677.054+/-779.518 χ^2/NDF : 26.0/25

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: 2679.687+/-0.744 χ^2 /NDF: 83916.4/8

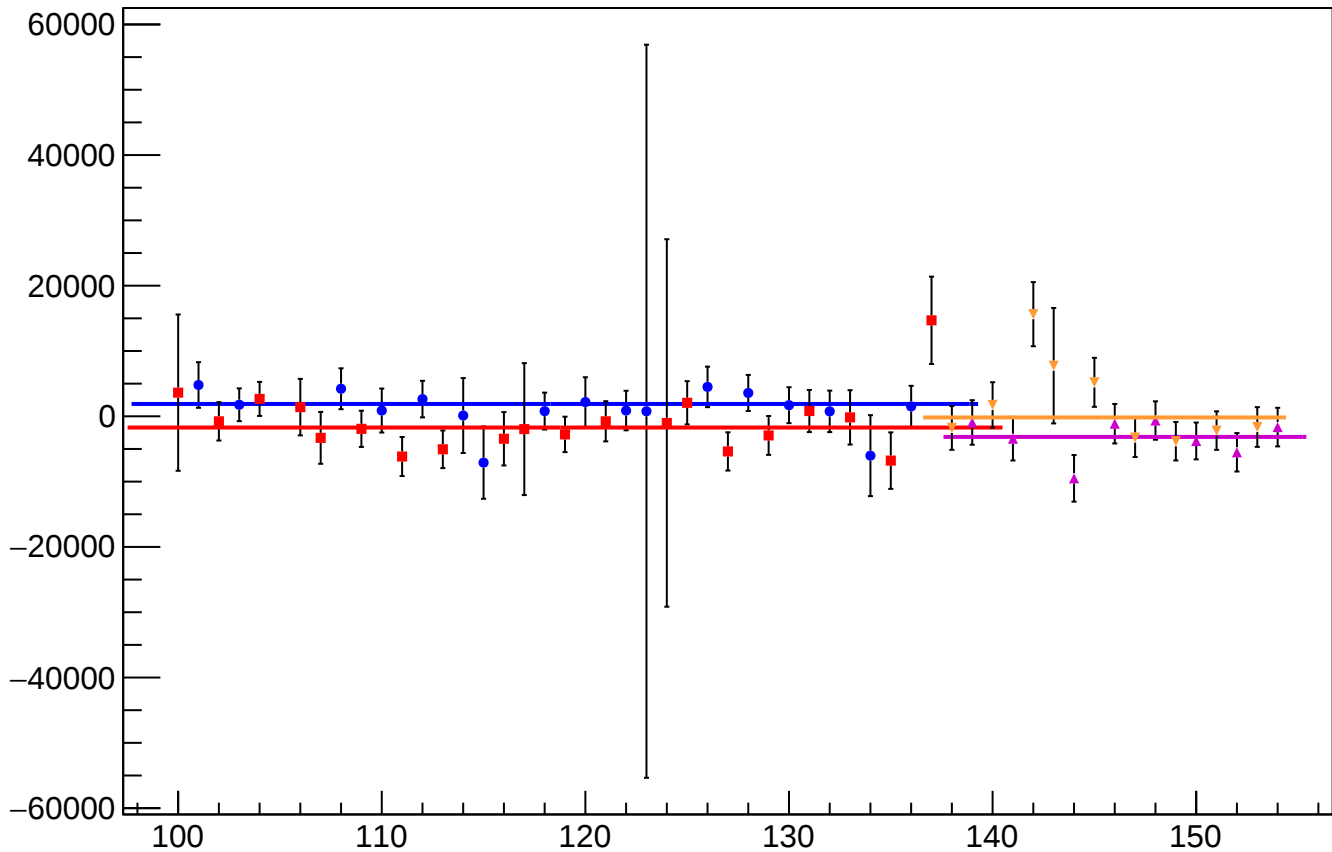
Right Out: 3038.763+/-0.836 χ^2 /NDF: 1011412.5/19

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

2785.963+/-0.551 χ^2 /NDF: 768259.5/25

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: -175.599+/-1156.653 χ^2 /NDF:17.1/8

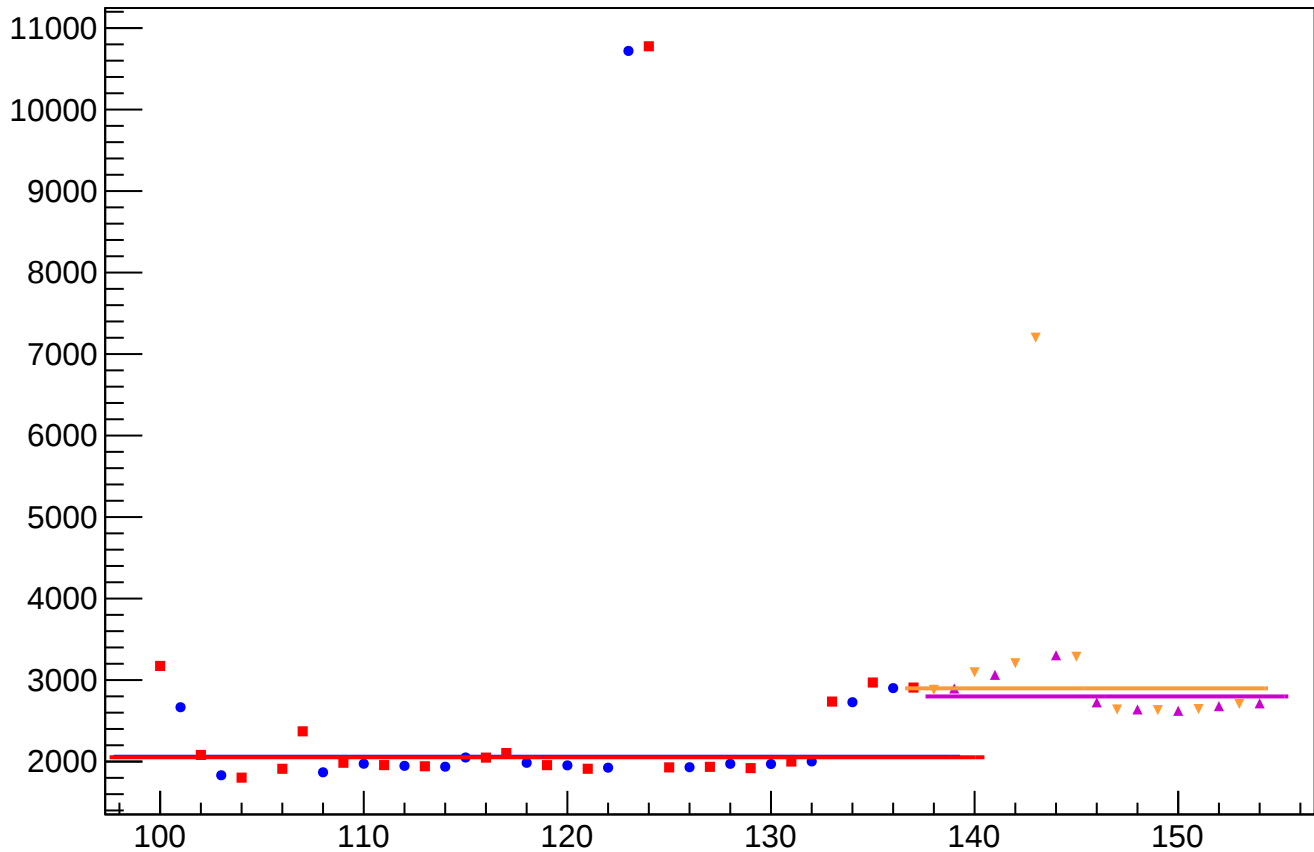
Right Out: -1720.591+/-787.704 χ^2 /NDF: 19.0/19

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

1208.674+/-664.271 χ^2 /NDF: 26.5/25

-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: 2898.466+/-0.818 χ^2/NDF : 563999.1/8

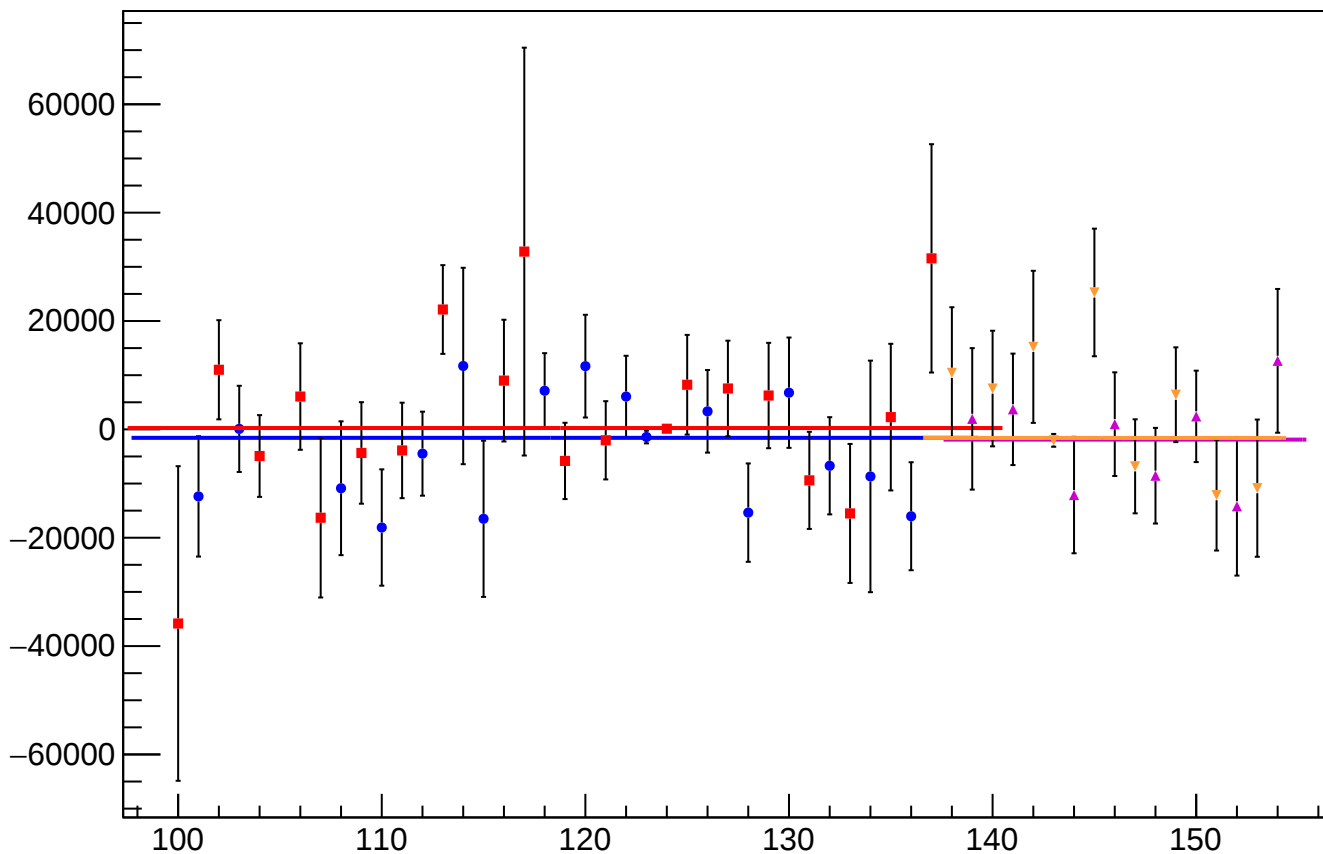
Right Out: 2052.576+/-0.557 χ^2/NDF : 443374.3/19

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

2335.853+/-0.470 χ^2/NDF : 1588643.8/25

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

asym_atl2_correction_mean vs Slug



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

Left Out: -1582.157 $\pm$ 1128.645 χ^2 /NDF:11.3/8

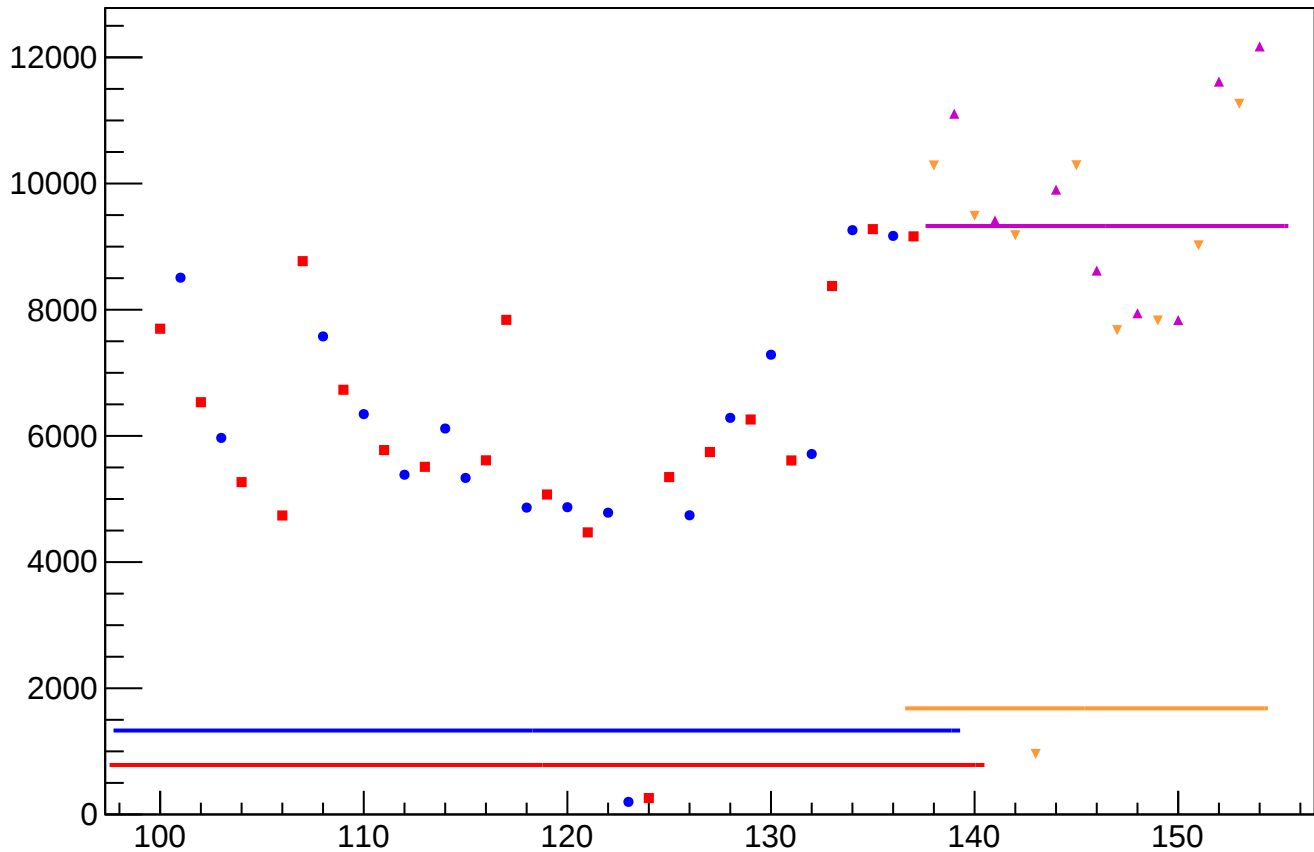
Right Out: 247.306 $\pm$ 695.049 χ^2 /NDF: 21.6/19

Left In: -1890.691 $\pm$ 3686.676 χ^2 /NDF:4.3/7

-1572.040 $\pm$ 770.307 χ^2 /NDF: 27.5/25

173.923 $\pm$ 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: 1682.102+/-0.798 χ^2/NDF : 8585702.4/8

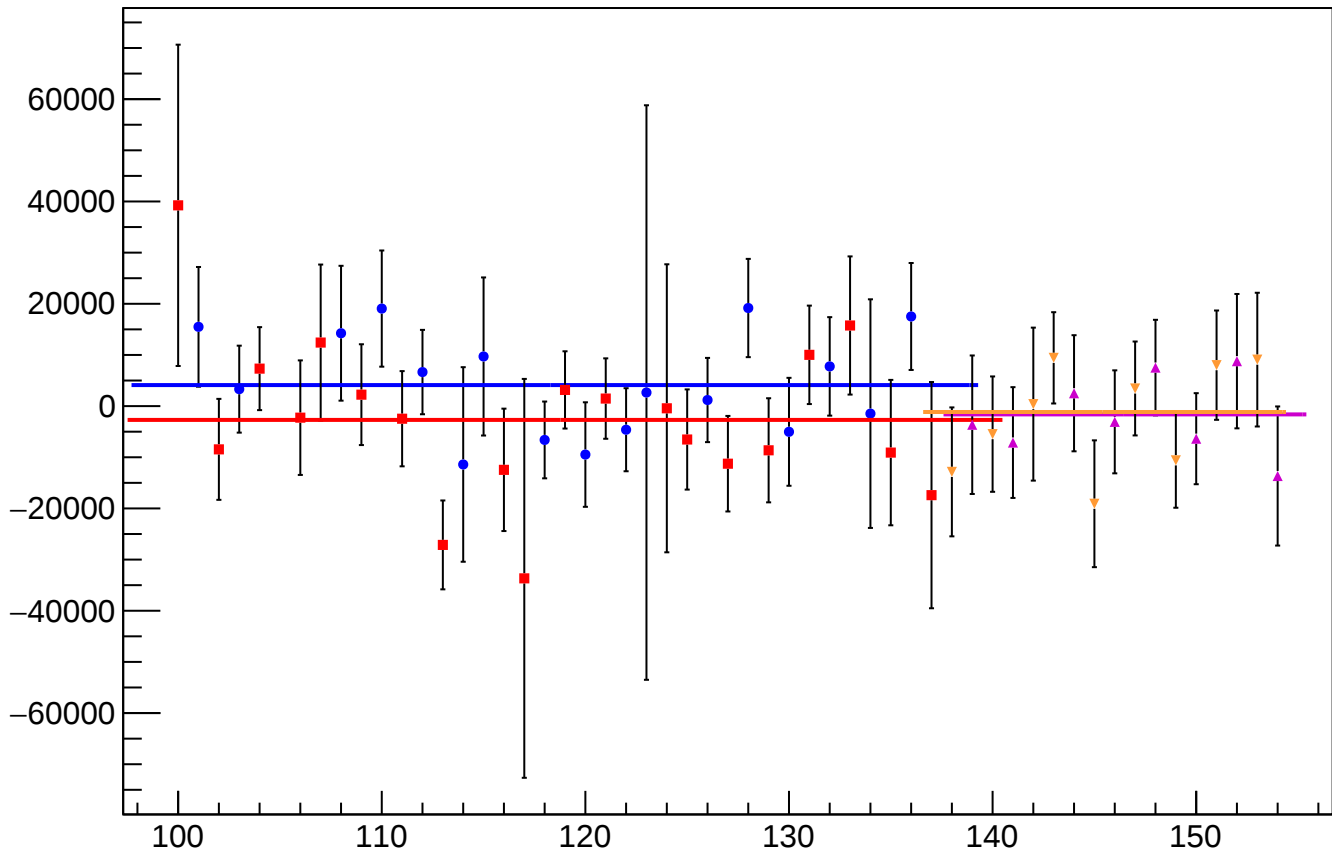
Right Out: 784.254+/-0.491 χ^2/NDF : 11510186.9/19

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

1494.148+/-0.545 χ^2/NDF : 18736362.4/25

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

asym_atl2_mean vs Slug



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

Left Out: -1149.814+/-3631.194 χ^2/NDF : 7.2/8

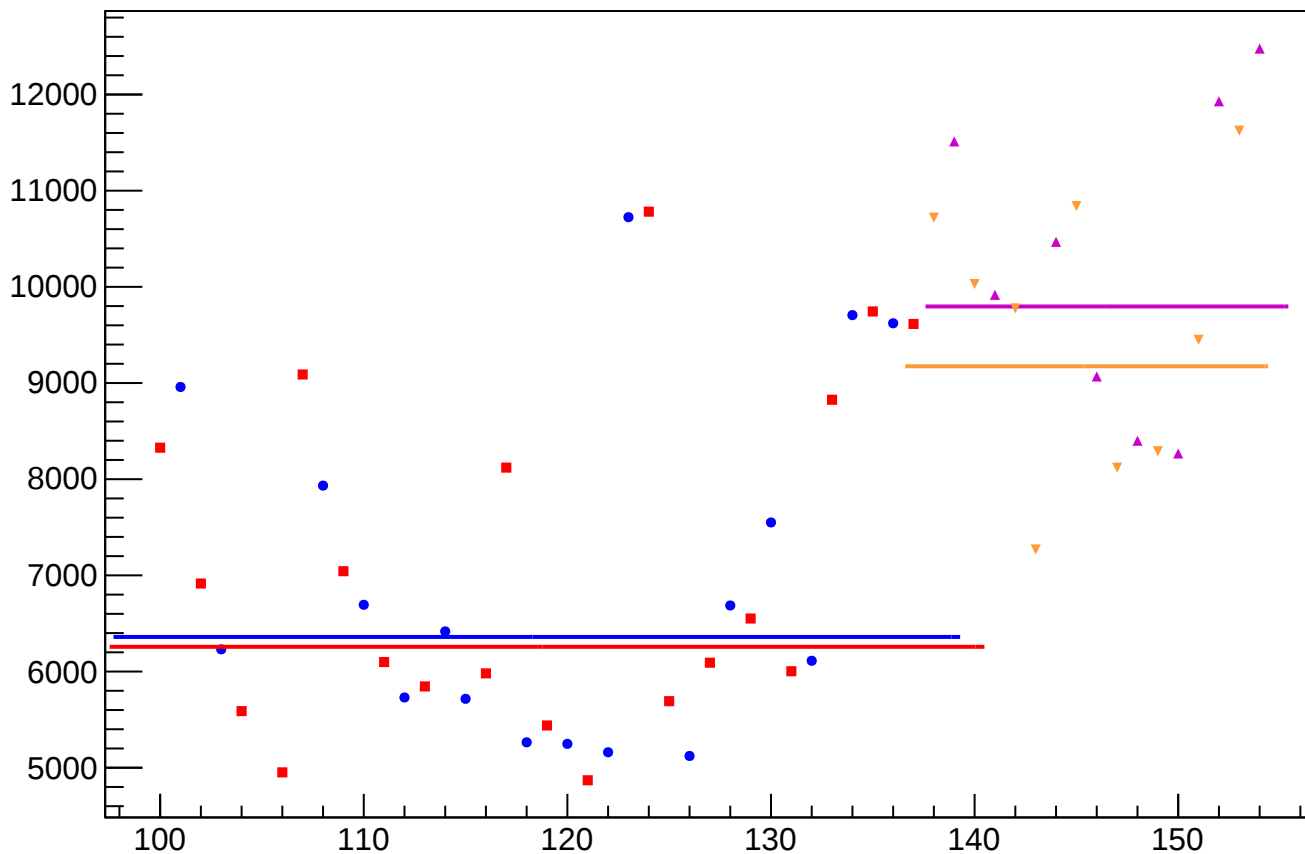
2388.218+/-2078.283 χ^2/NDF : 22.9/25

Right Out: -2697.106+/-2415.828 χ^2/NDF : 20.6/19

-2394.783+/-2048.659 χ^2/NDF : 23.7/27

Left In: -1620.728+/-3865.595 χ^2/NDF : 3.1/7

asym_atl2_rms vs Slug



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

Left Out: 9174.266+/-2.568 χ^2/NDF : 288293.9/8

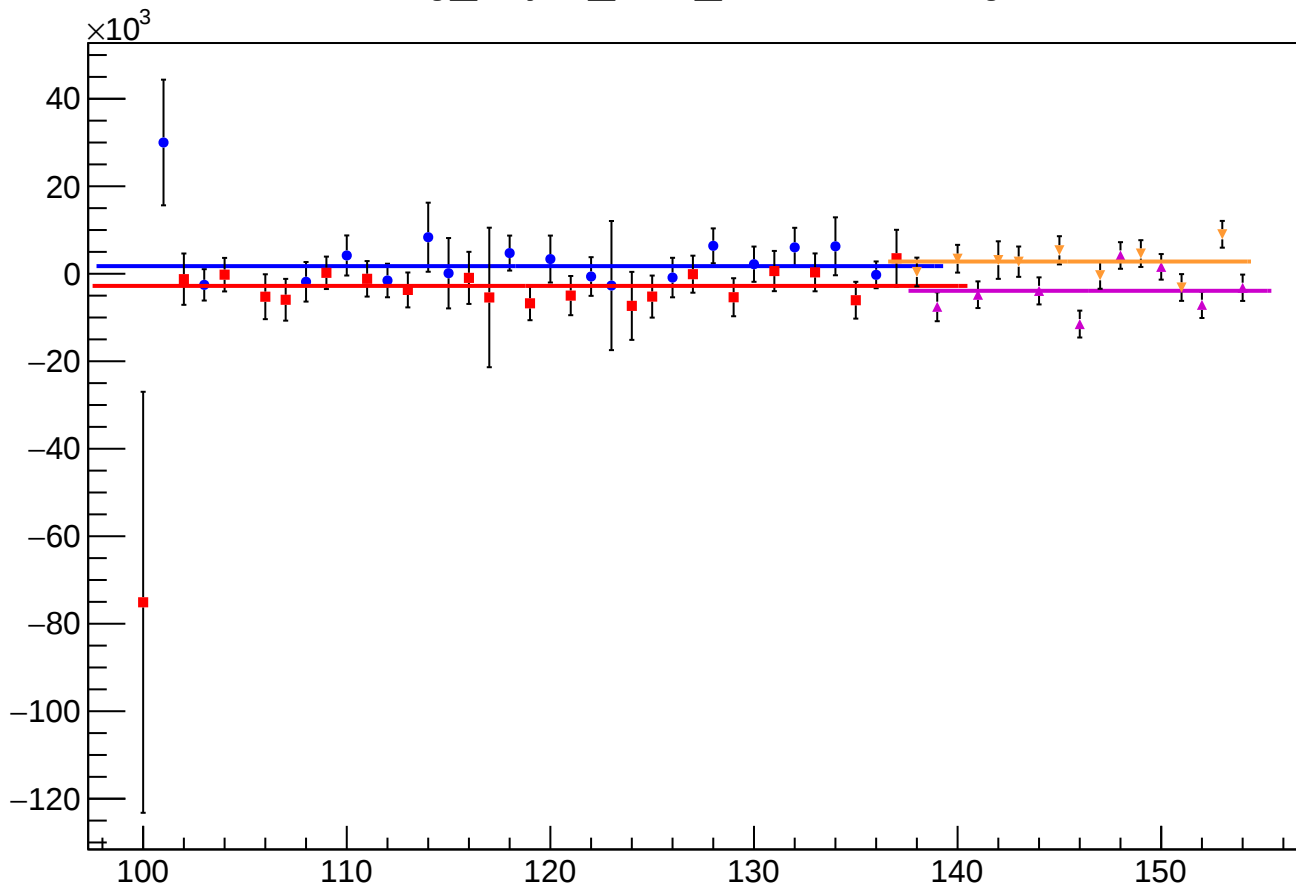
Right Out: 6257.232+/-1.708 χ^2/NDF : 537553.3/19

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

7281.828+/-1.470 χ^2/NDF : 1676611.5/25

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

reg_asym_atr1_mean vs Slug



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

Left Out: 2797.277 ± 1083.876 χ^2/NDF : 10.5/8

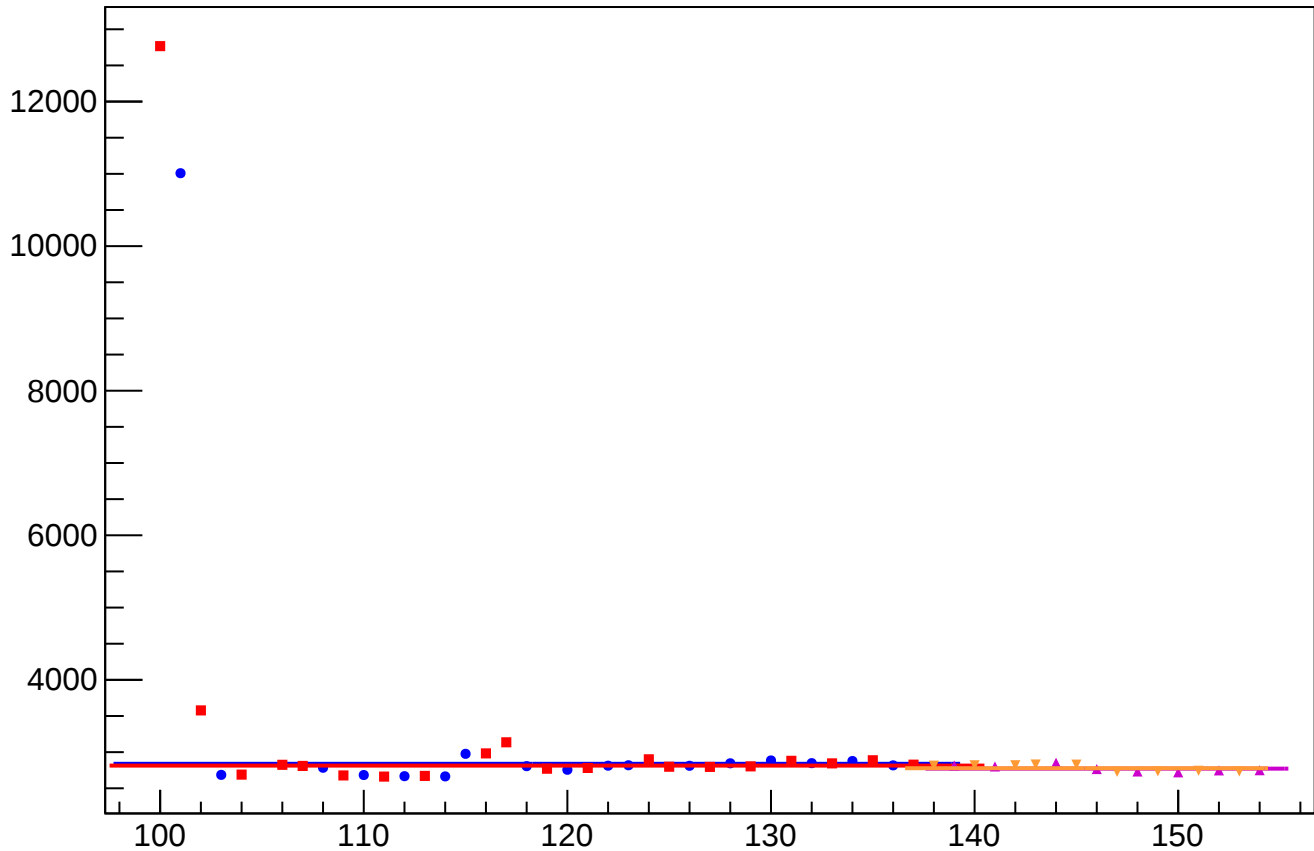
Right Out: -2775.793 ± 1069.534 χ^2/NDF : 9.7/19

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

2292.845 ± 781.723 χ^2/NDF : 23.2/25

-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: 2777.722+/-0.766 χ^2/NDF : 3297.4/8

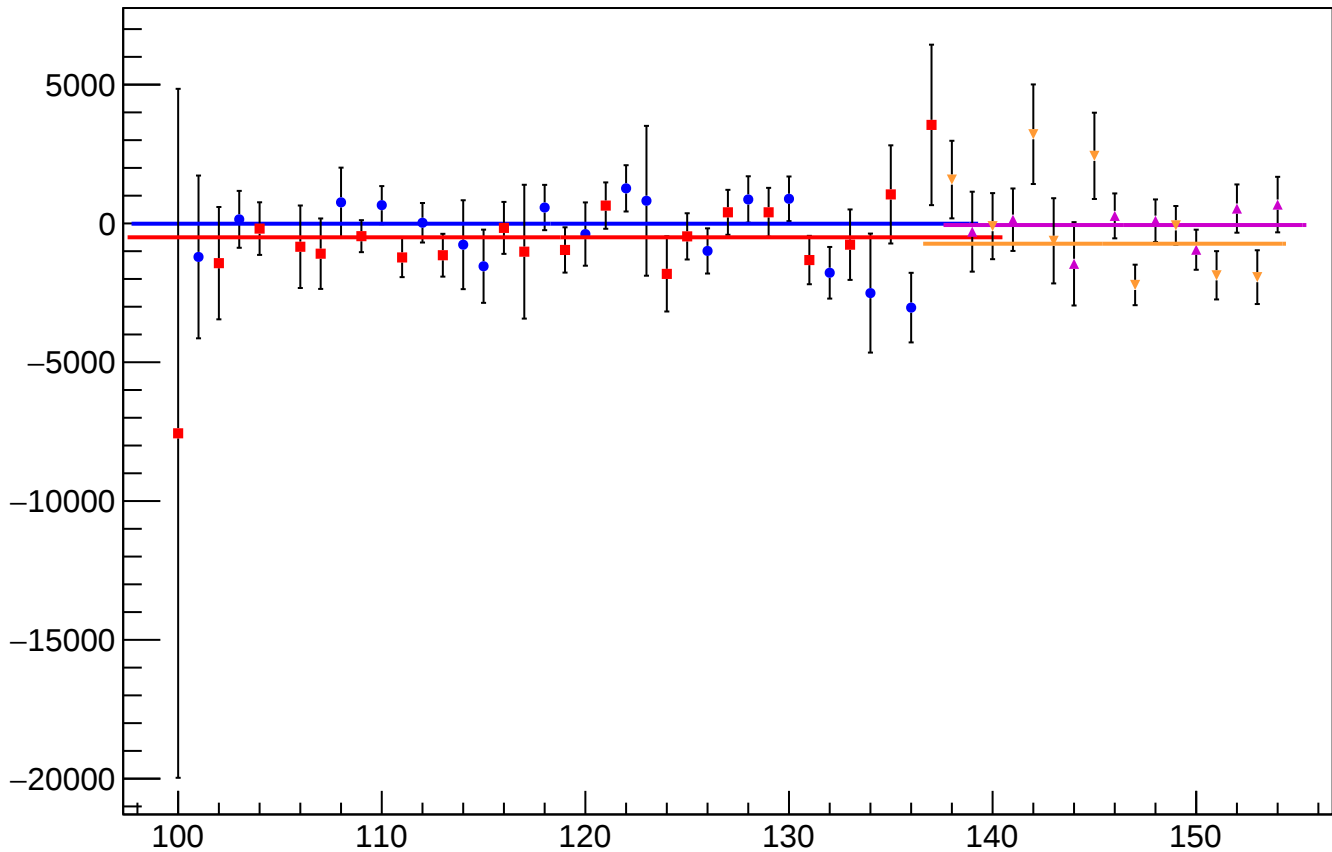
2806.999+/-0.553 χ^2/NDF : 666547.8/25

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

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

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

asym_atr1_correction_mean vs Slug



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

Left Out: -730.635 ± 339.155 χ^2/NDF : 20.3/8

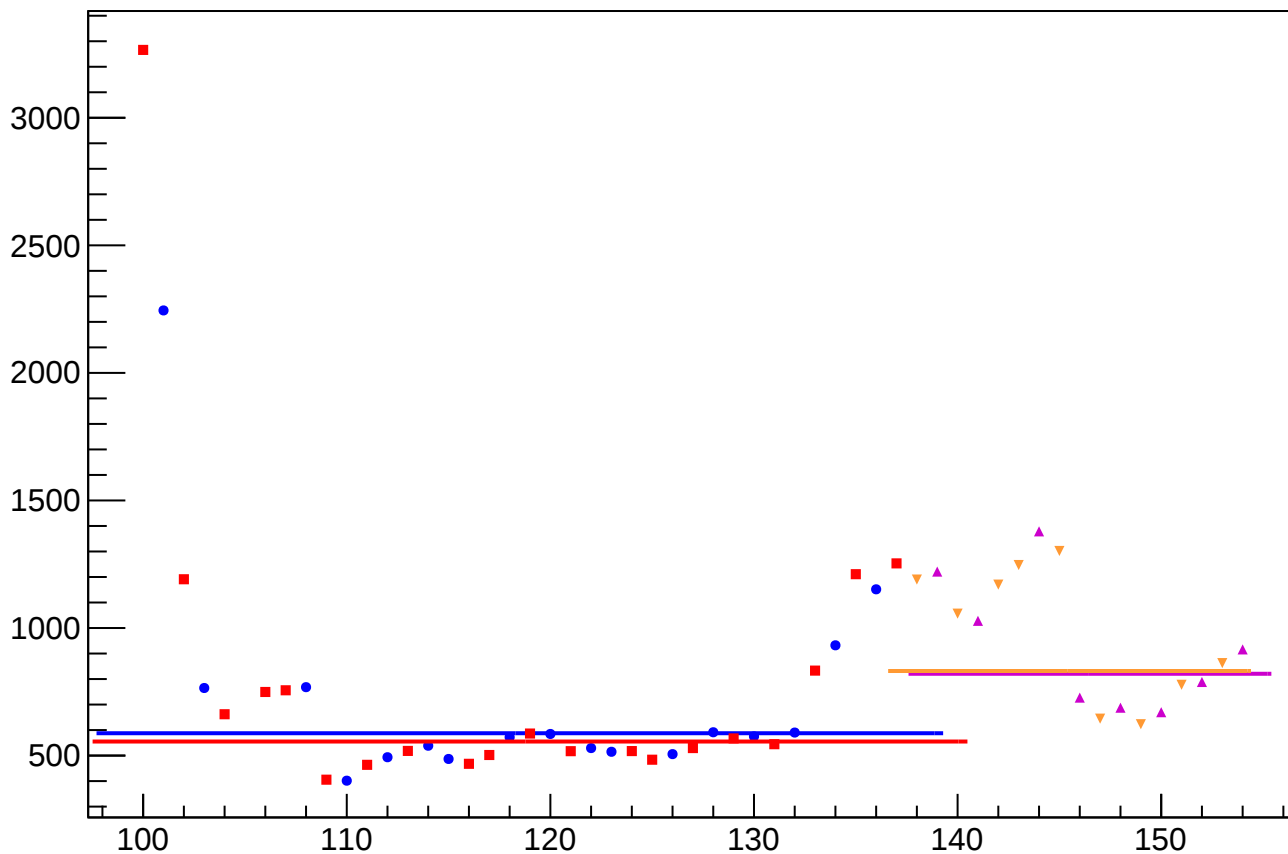
Right Out: -499.625 ± 220.558 χ^2/NDF : 11.9/19

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

-252.589 ± 196.819 χ^2/NDF : 44.0/25

-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: 831.530+/-0.240 χ^2/NDF : 924253.1/8

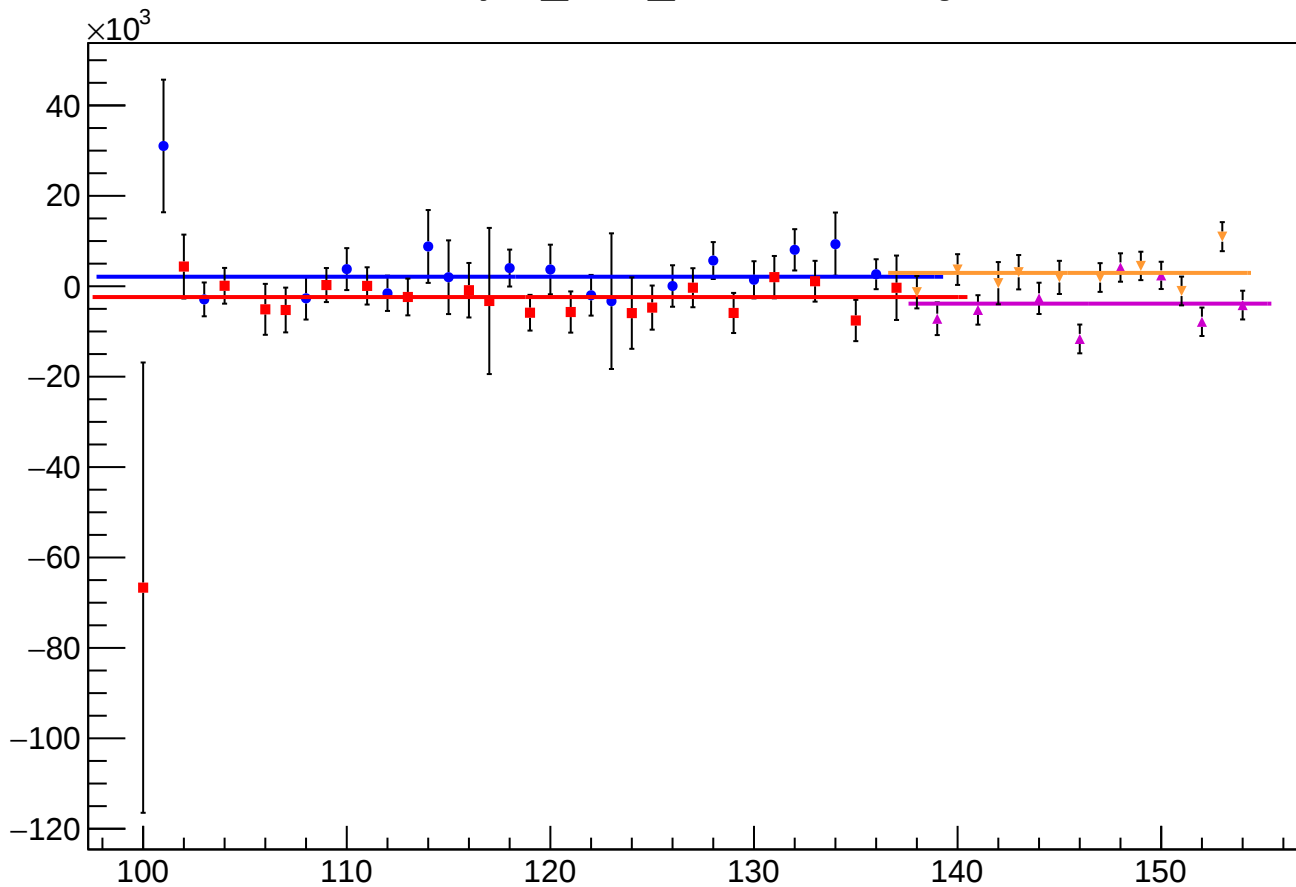
Right Out: 555.088+/-0.156 χ^2/NDF : 1107729.2/19

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

669.747+/-0.139 χ^2/NDF : 3036205.4/25

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

asym_atr1_mean vs Slug



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

Left Out: 2954.292 $\pm$ 1154.674 χ^2 /NDF:9.9/8

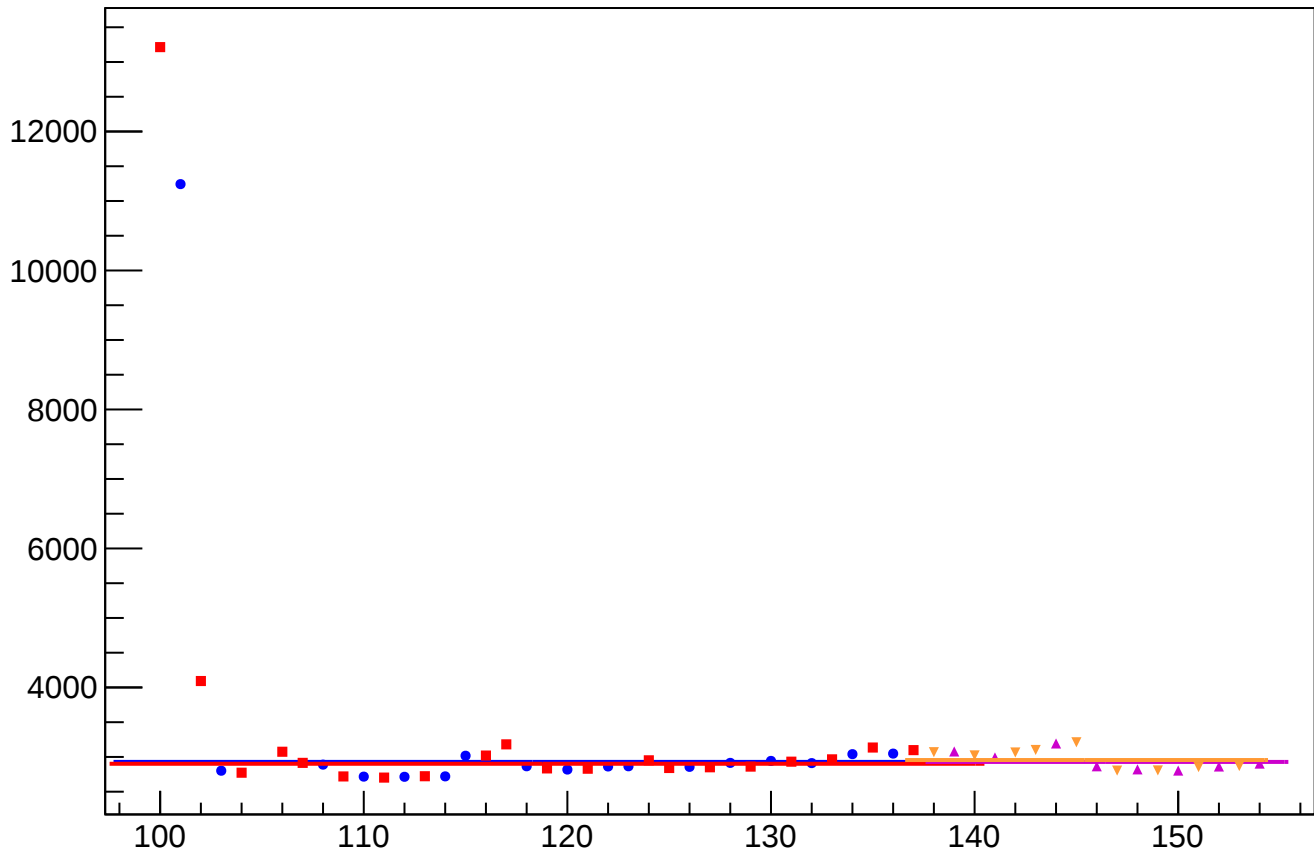
Right Out: -2389.947 $\pm$ 1107.639 χ^2 /NDF: 9.9/19

Left In: -3845.589 $\pm$ 1143.635 χ^2 /NDF:19.6/7

2534.919 $\pm$ 819.873 χ^2 /NDF: 23.7/25

-3094.499 $\pm$ 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: 2955.469+/-0.816 χ^2/NDF : 29061.3/8

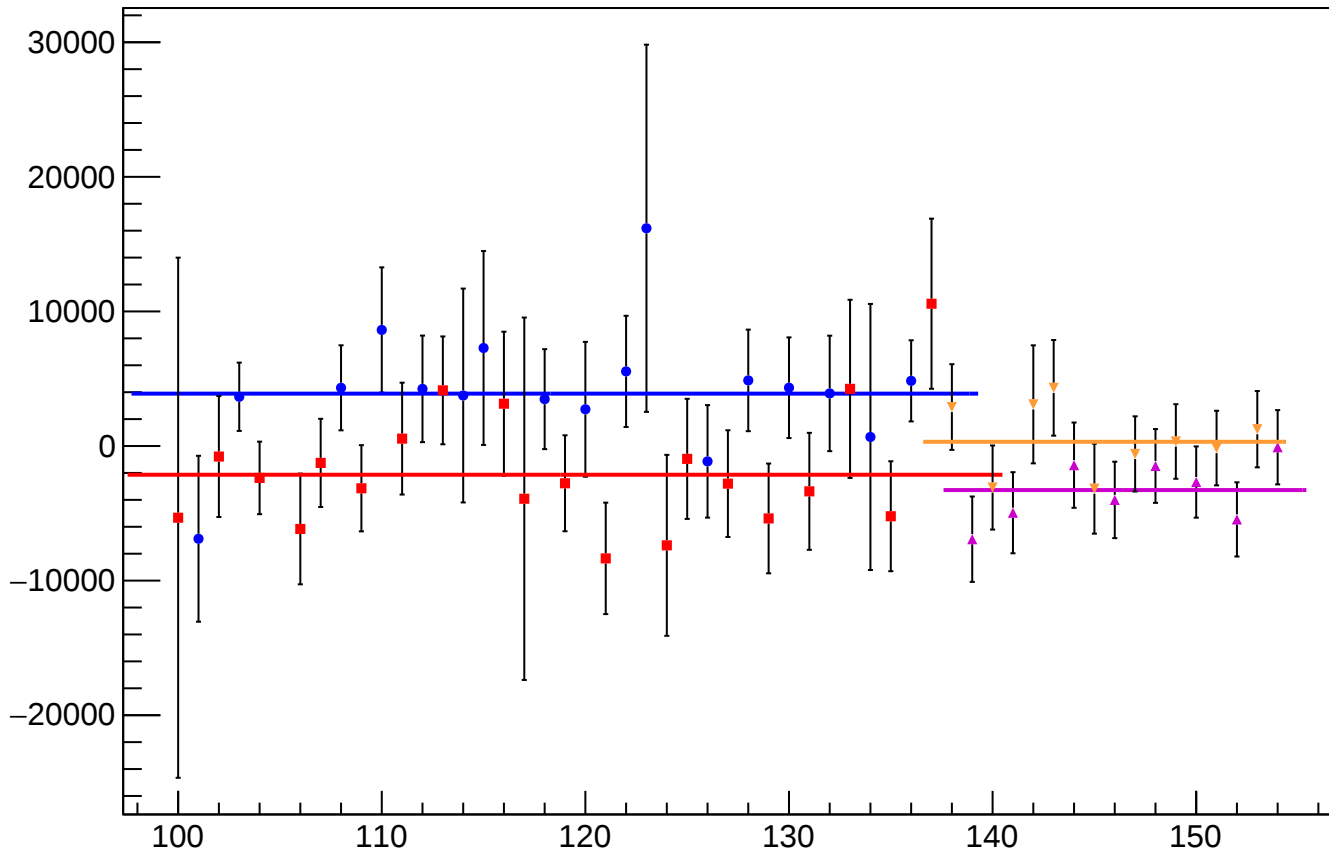
2942.196+/-0.580 χ^2/NDF : 691957.1/25

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 χ^2/NDF : 7.1/16

Left Out: 315.620+/-1034.278 χ^2/NDF : 4.8/8

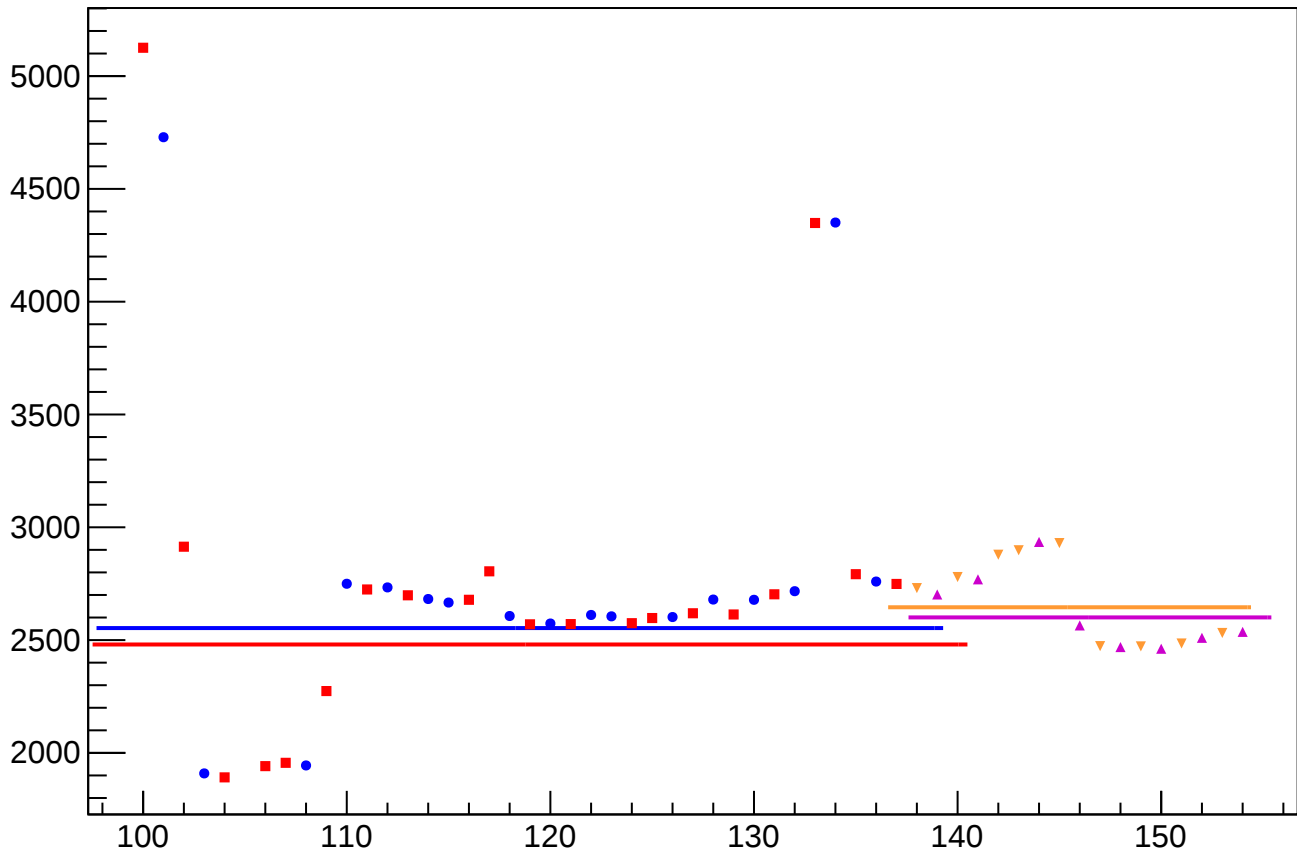
Right Out: -2133.736+/-955.999 χ^2/NDF : 14.4/19

Left In: -3272.717+/-1014.279 χ^2/NDF : 4.5/7

2143.497+/-723.237 χ^2/NDF : 18.1/25

-2669.566+/-695.685 χ^2/NDF : 19.5/27

reg_asym_atr2_rms vs Slug



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

Left Out: 2645.475+/-0.731 χ^2/NDF : 60742.9/8

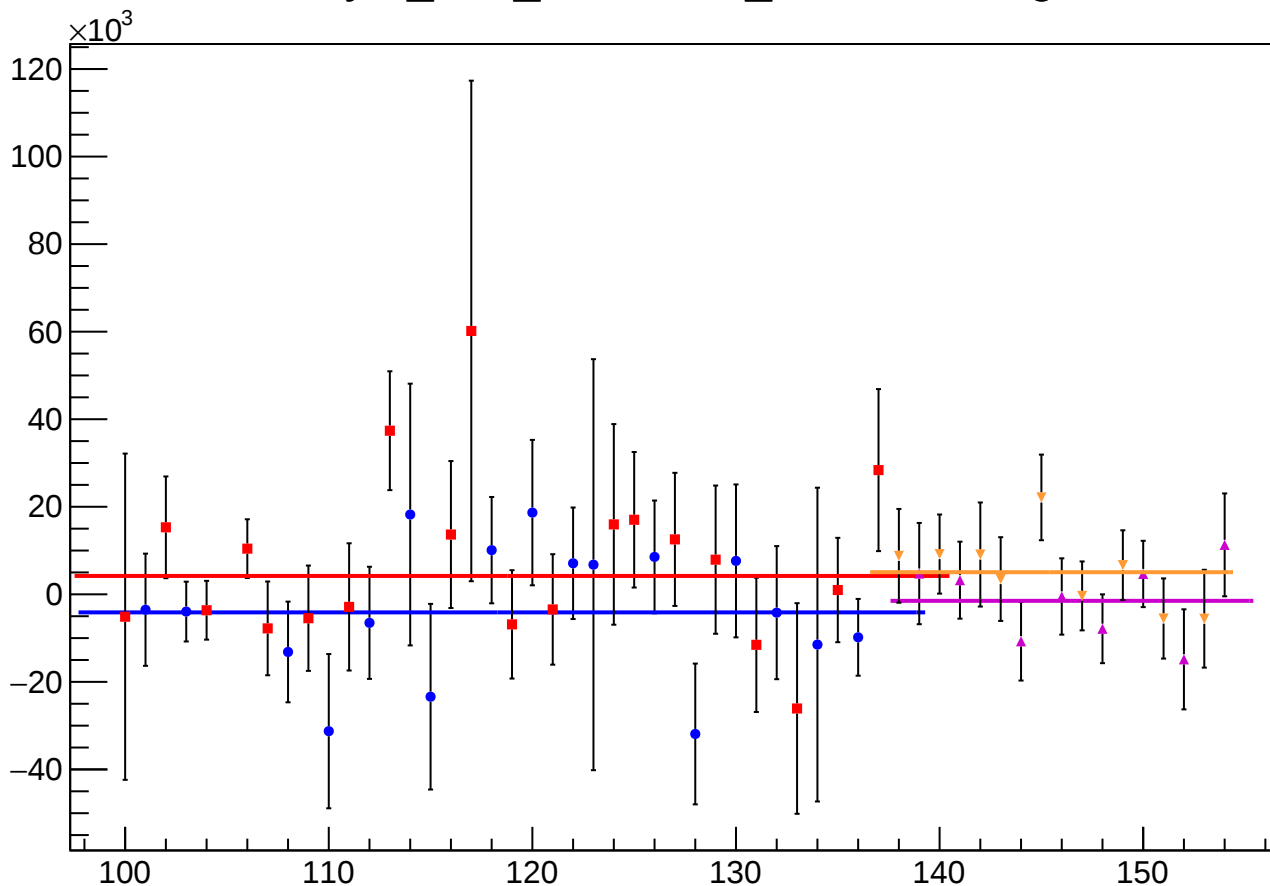
Right Out: 2480.504+/-0.676 χ^2/NDF : 450669.1/19

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

2598.361+/-0.511 χ^2/NDF : 614090.7/25

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

asym_atr2_correction_mean vs Slug



Right In: -4126.319 ± 3227.044 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 5055.845 ± 3142.006 $\chi^2/\text{NDF}: 6.3/8$

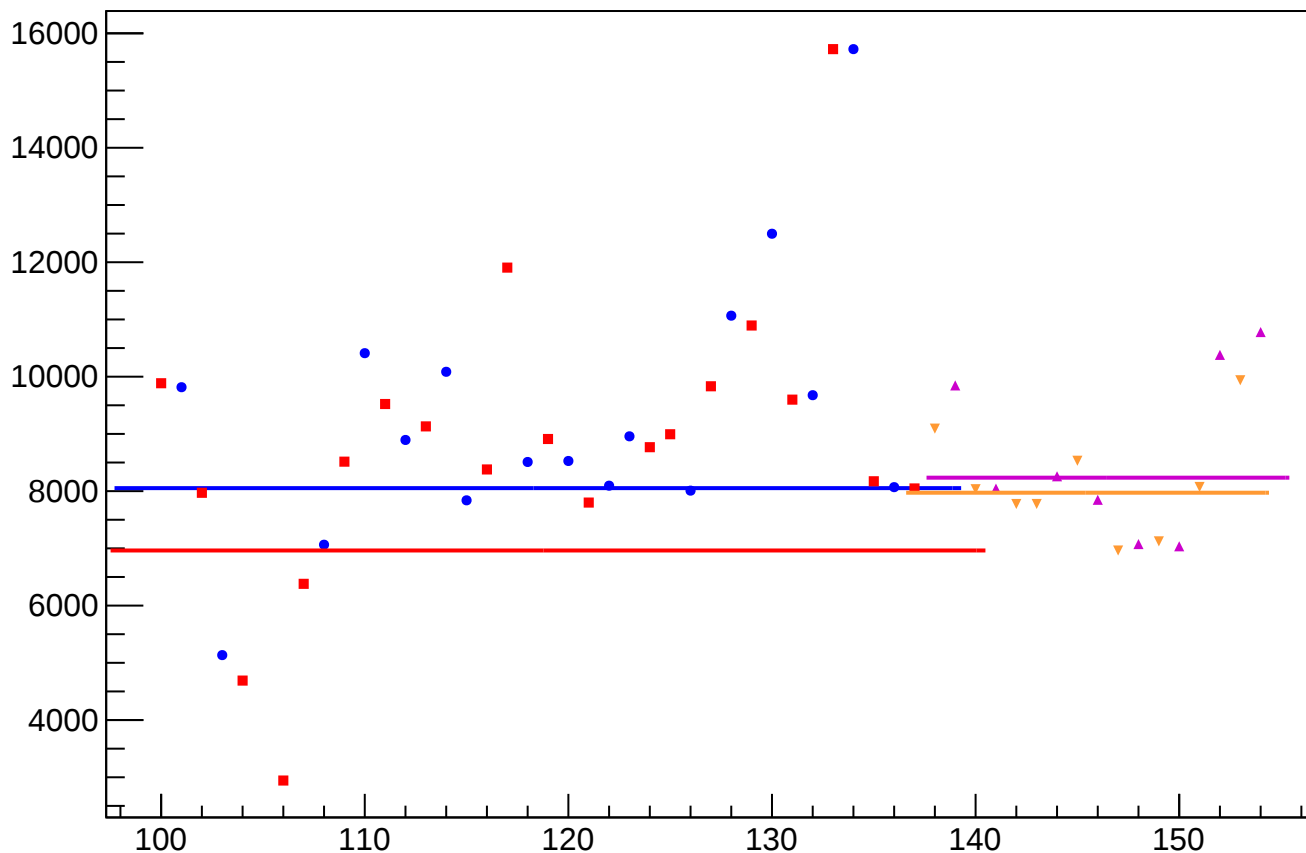
Right Out: 4197.870 ± 2830.850 $\chi^2/\text{NDF}: 19.5/19$

Left In: -1489.959 ± 3252.852 $\chi^2/\text{NDF}: 5.5/7$

587.338 ± 2251.197 $\chi^2/\text{NDF}: 23.8/25$

1746.608 ± 2135.433 $\chi^2/\text{NDF}: 26.7/27$

asym_atr2_correction_rms vs Slug



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

Left Out: 7972.507+/-2.222 χ^2/NDF : 147703.5/8

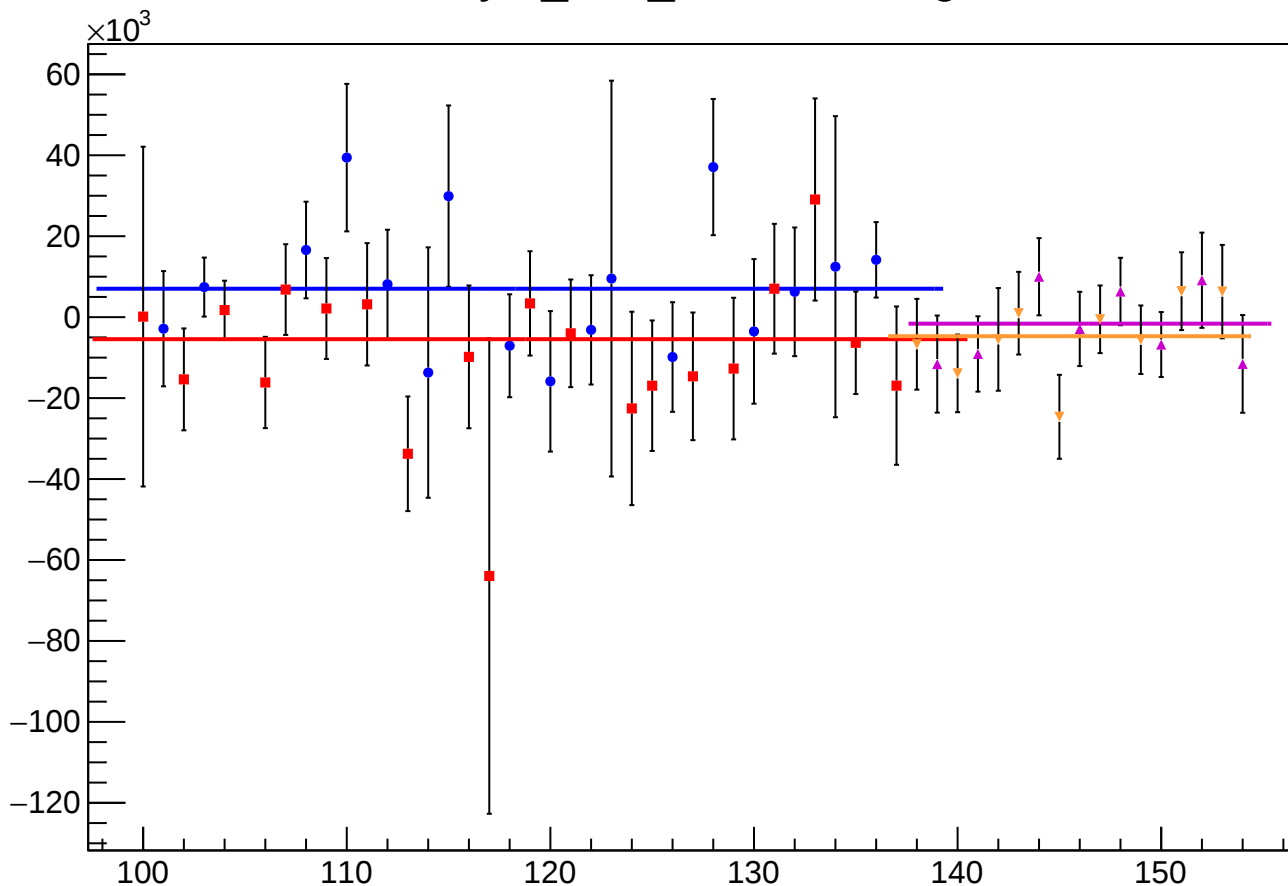
Right Out: 6963.091+/-2.002 χ^2/NDF : 1791563.9/19

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

8011.461+/-1.592 χ^2/NDF : 939059.3/25

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

asym_atr2_mean vs Slug



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

Left Out: -4706.995 $\pm$ 3323.834 χ^2 /NDF: 7.5/8

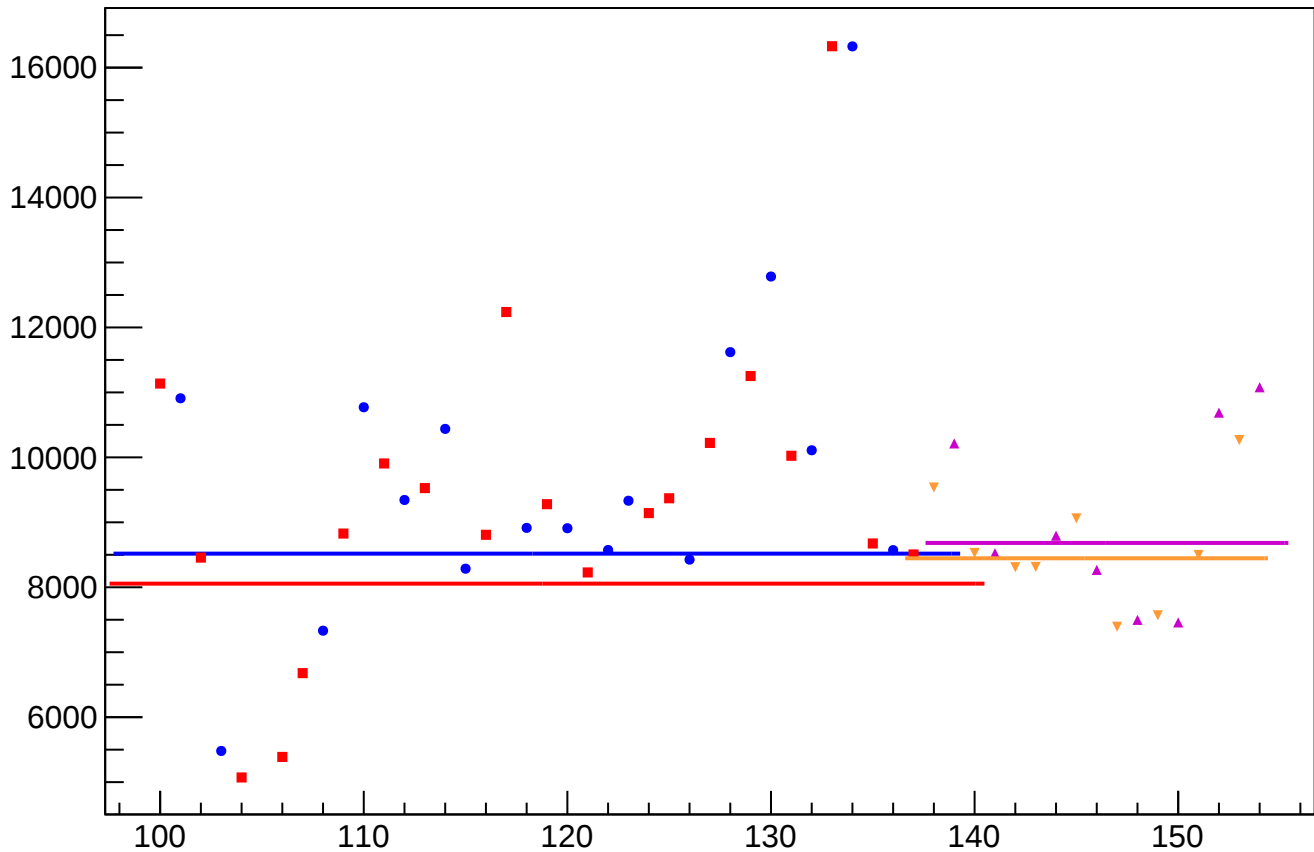
Right Out: -5441.890 $\pm$ 3163.600 χ^2 /NDF: 14.3/19

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

1009.978 $\pm$ 2380.012 χ^2 /NDF: 28.6/25

-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: 8446.225+/-2.350 χ^2 /NDF:129752.2/8

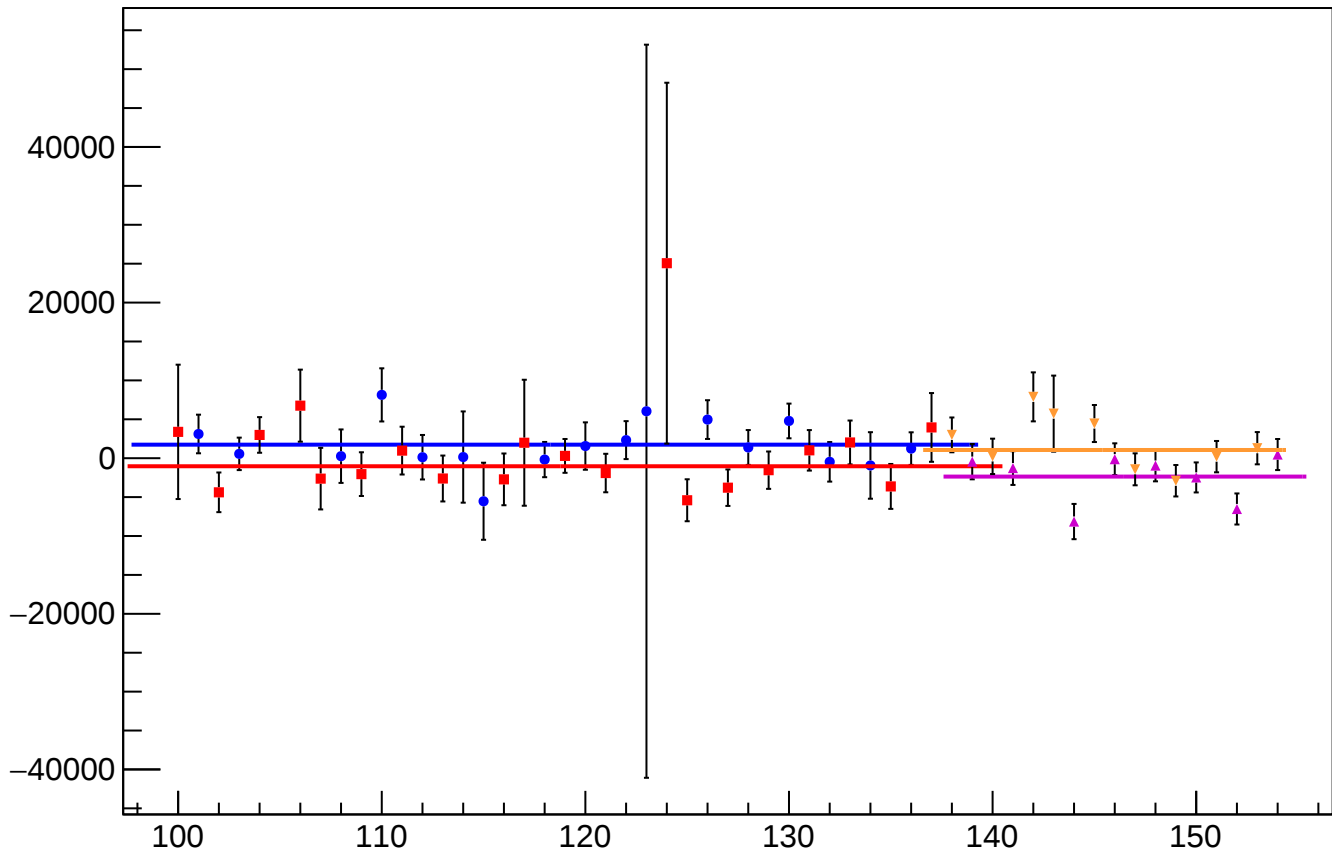
Right Out: 8056.153+/-2.237 χ^2 /NDF: 962282.6/19

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

8481.144+/-1.683 χ^2 /NDF: 893486.6/25

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: 1055.481 $\pm$ 772.791 χ^2 /NDF:14.0/8

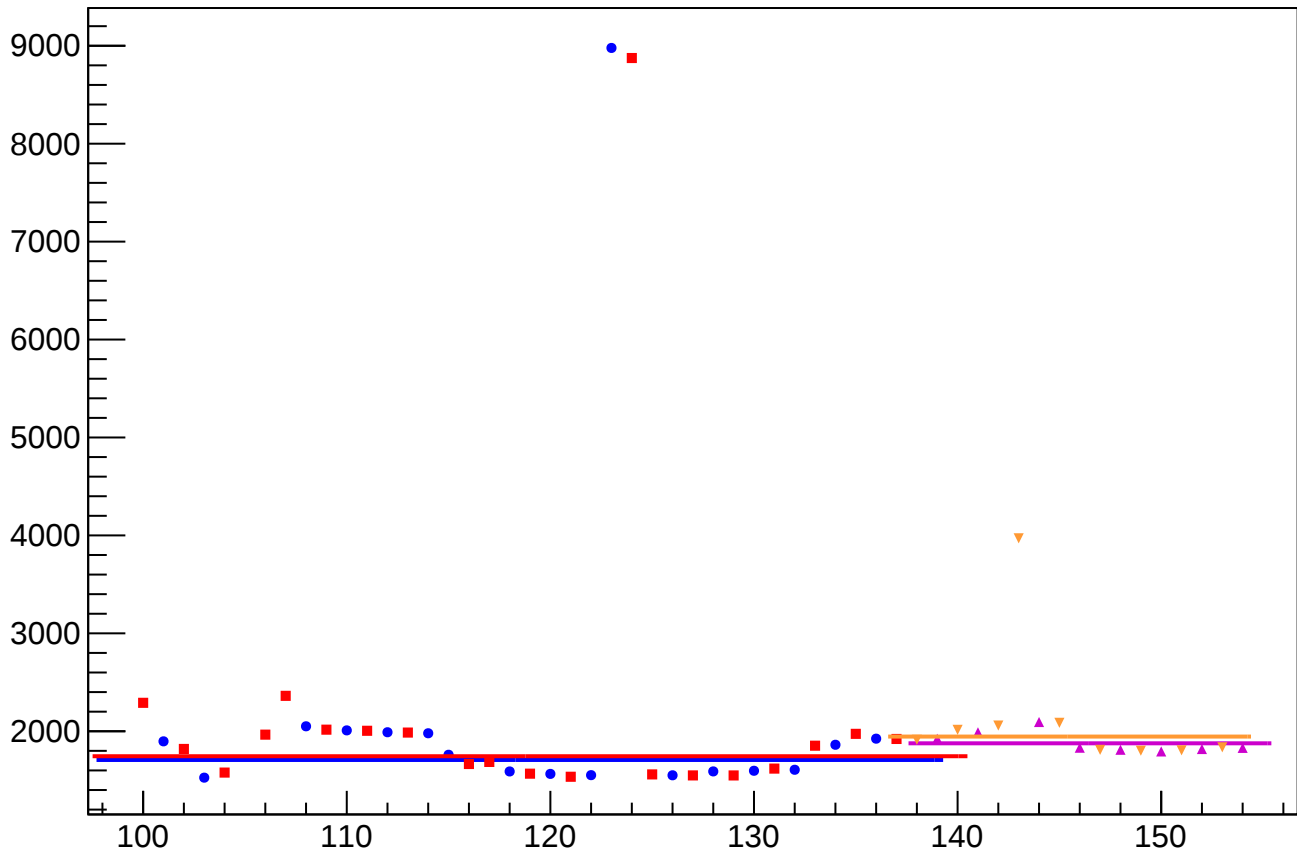
Right Out: -1034.828 $\pm$ 668.692 χ^2 /NDF: 19.0/19

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

1445.859 $\pm$ 506.402 χ^2 /NDF: 26.9/25

-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: 1945.799+/-0.546 χ^2/NDF : 389228.7/8

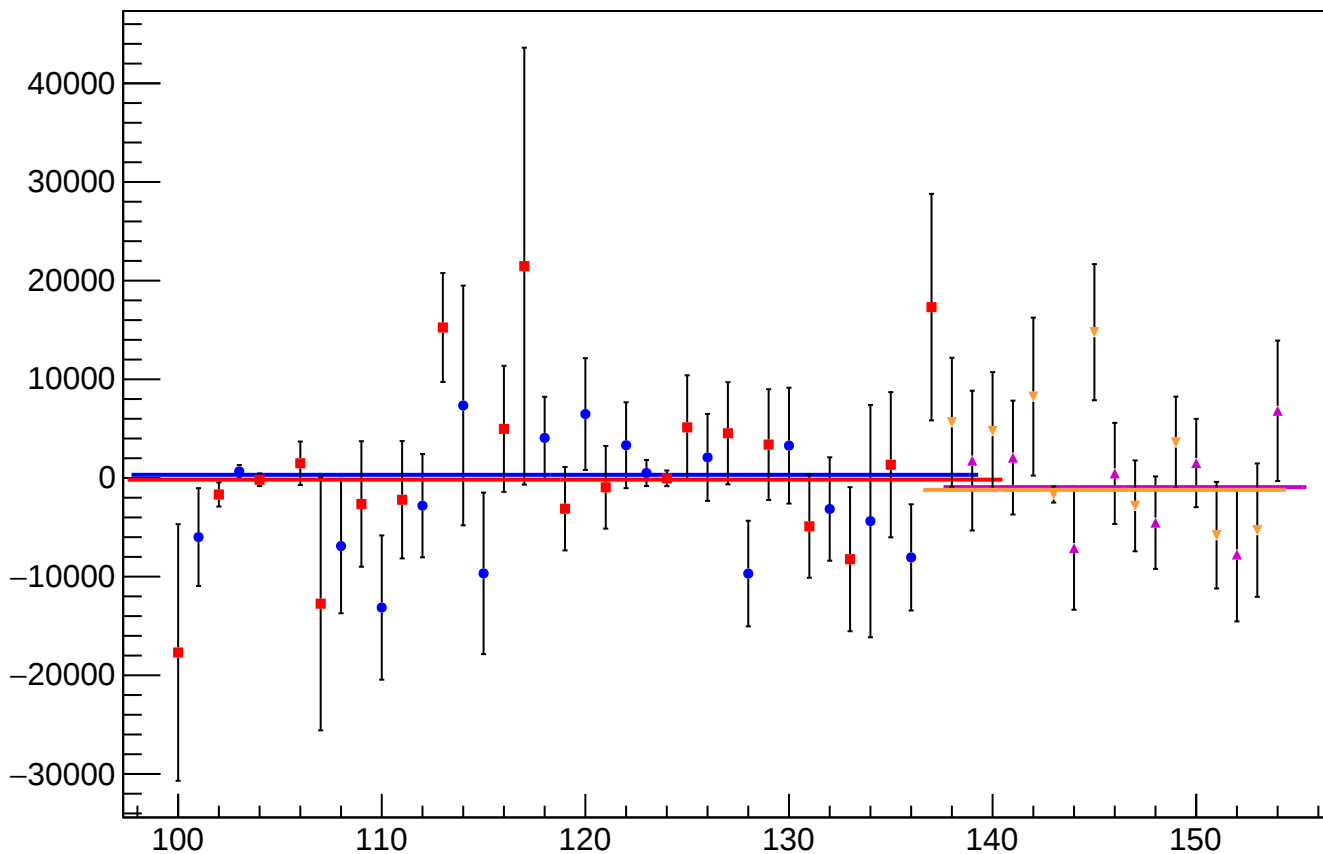
Right Out: 1745.037+/-0.471 χ^2/NDF : 399916.1/19

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

1809.465+/-0.358 χ^2/NDF : 695873.2/25

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: -1204.161+/-757.160 χ^2/NDF : 11.5/8

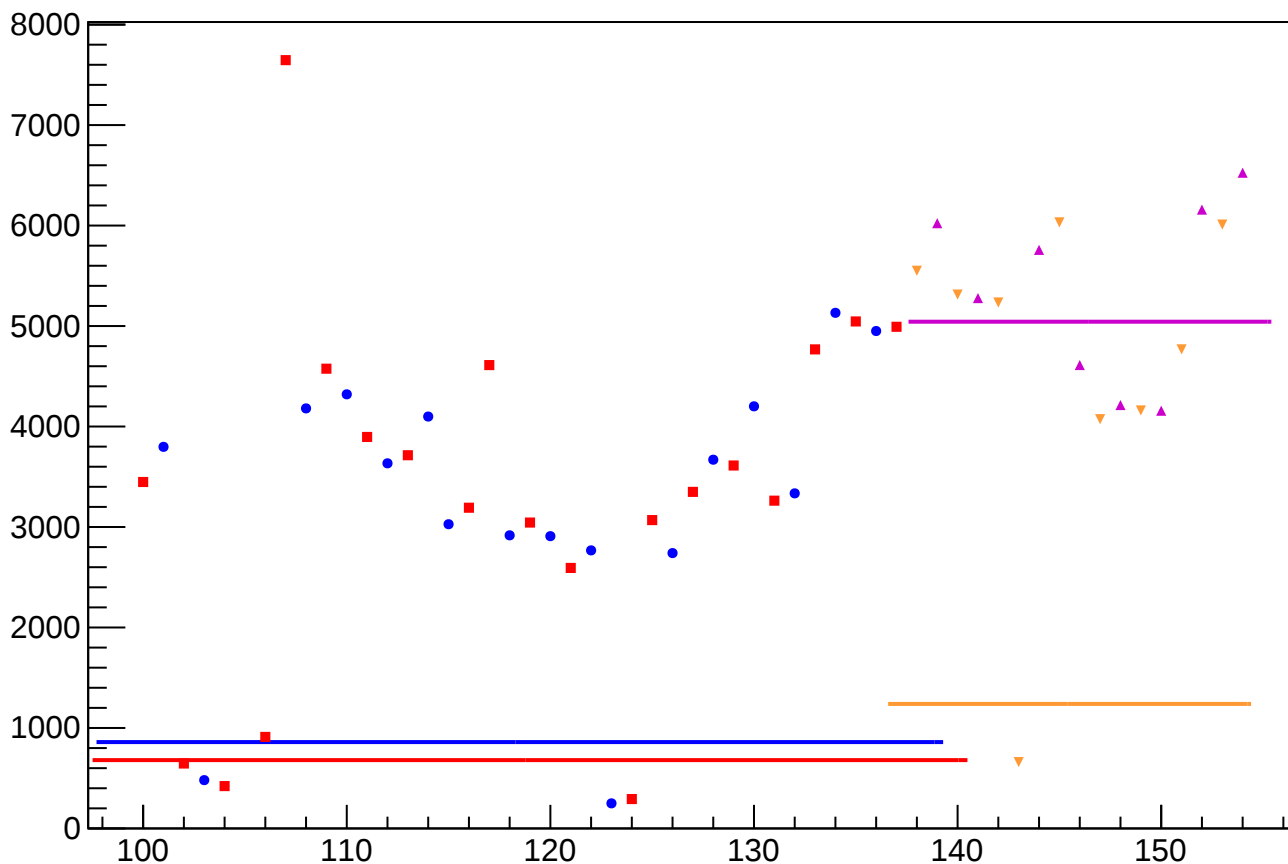
Right Out: -168.343+/-433.469 χ^2/NDF : 21.7/19

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

-193.763+/-439.851 χ^2/NDF : 32.2/25

-202.395+/-423.606 χ^2/NDF : 26.4/27

asym_atl_avg_correction_rms vs Slug



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

Left Out: 1239.397 $\pm$ 0.535 χ^2/NDF : 7670927.7/8

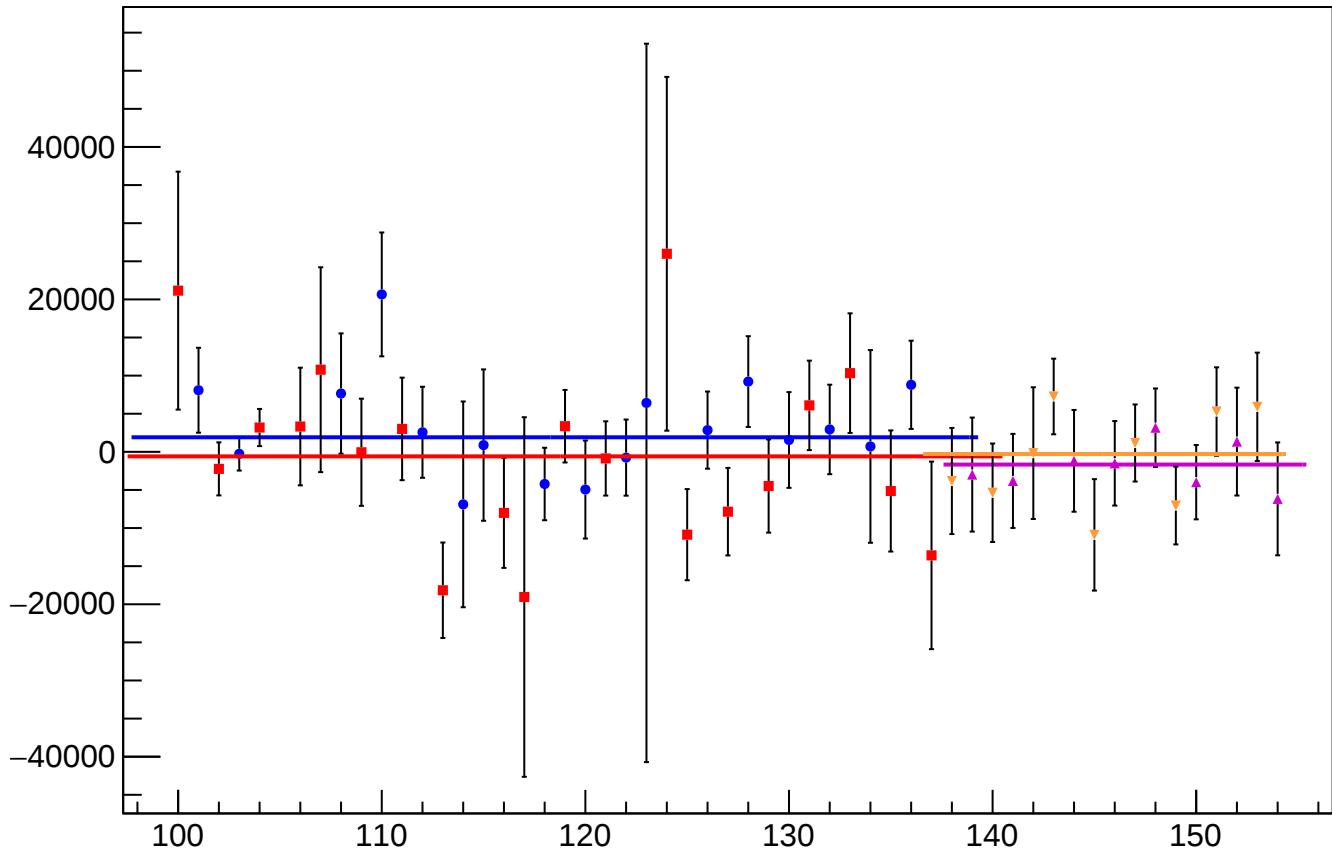
Right Out: 680.110 $\pm$ 0.307 χ^2/NDF : 8447884.2/19

Left In: 5043.139 $\pm$ 1.412 χ^2/NDF : 364050.6/7

987.741 $\pm$ 0.311 χ^2/NDF : 16147665.7/25

876.401 $\pm$ 0.300 χ^2/NDF : 17927896.4/27

asym_atl_avg_mean vs Slug



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

Left Out: -289.171+/-2022.982 χ^2/NDF : 8.8/8

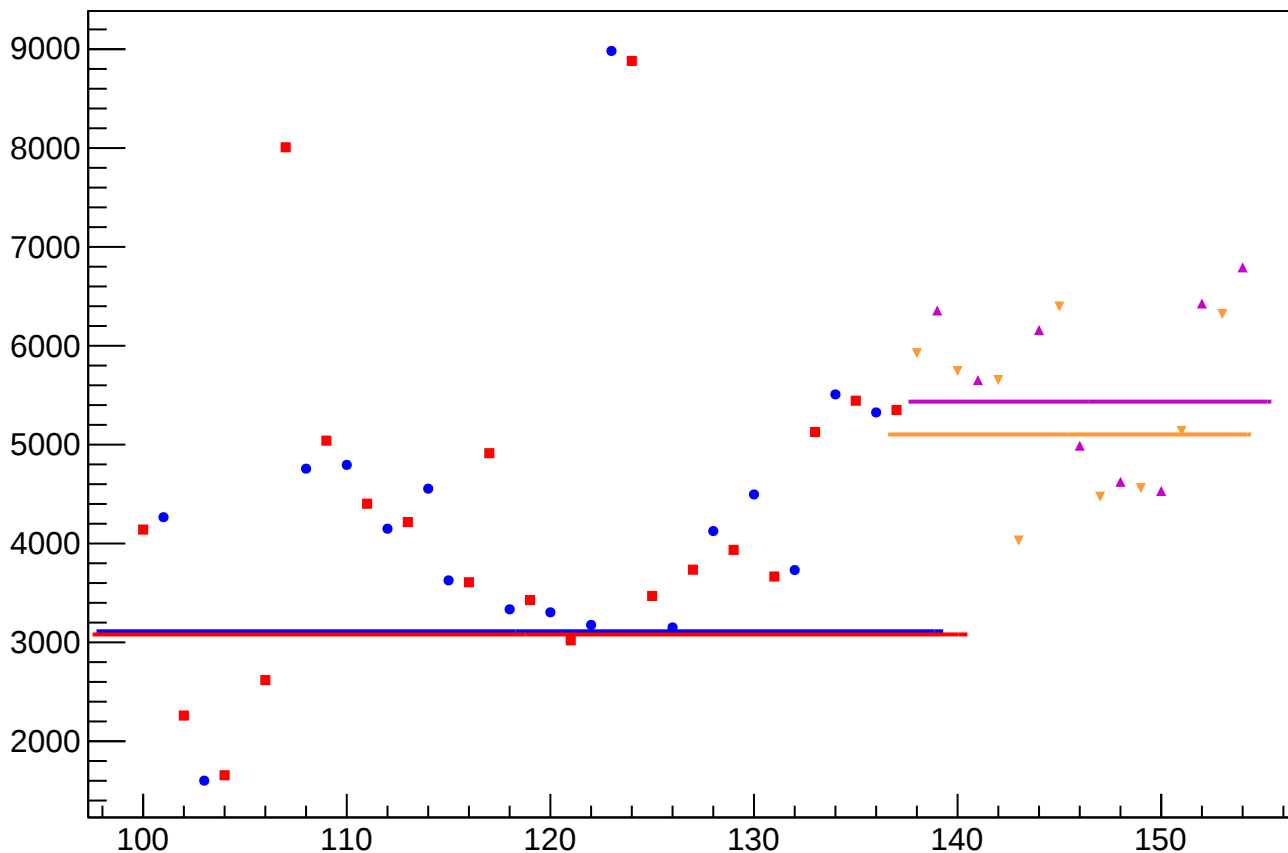
Right Out: -594.380+/-1283.911 χ^2/NDF : 27.0/19

Left In: -1669.252+/-2146.170 χ^2/NDF : 1.8/7

1259.657+/-1099.716 χ^2/NDF : 24.3/25

-877.674+/-1101.803 χ^2/NDF : 29.0/27

asym_atl_avg_rms vs Slug



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

Left Out: 5102.886+/-1.430 χ^2/NDF : 324260.9/8

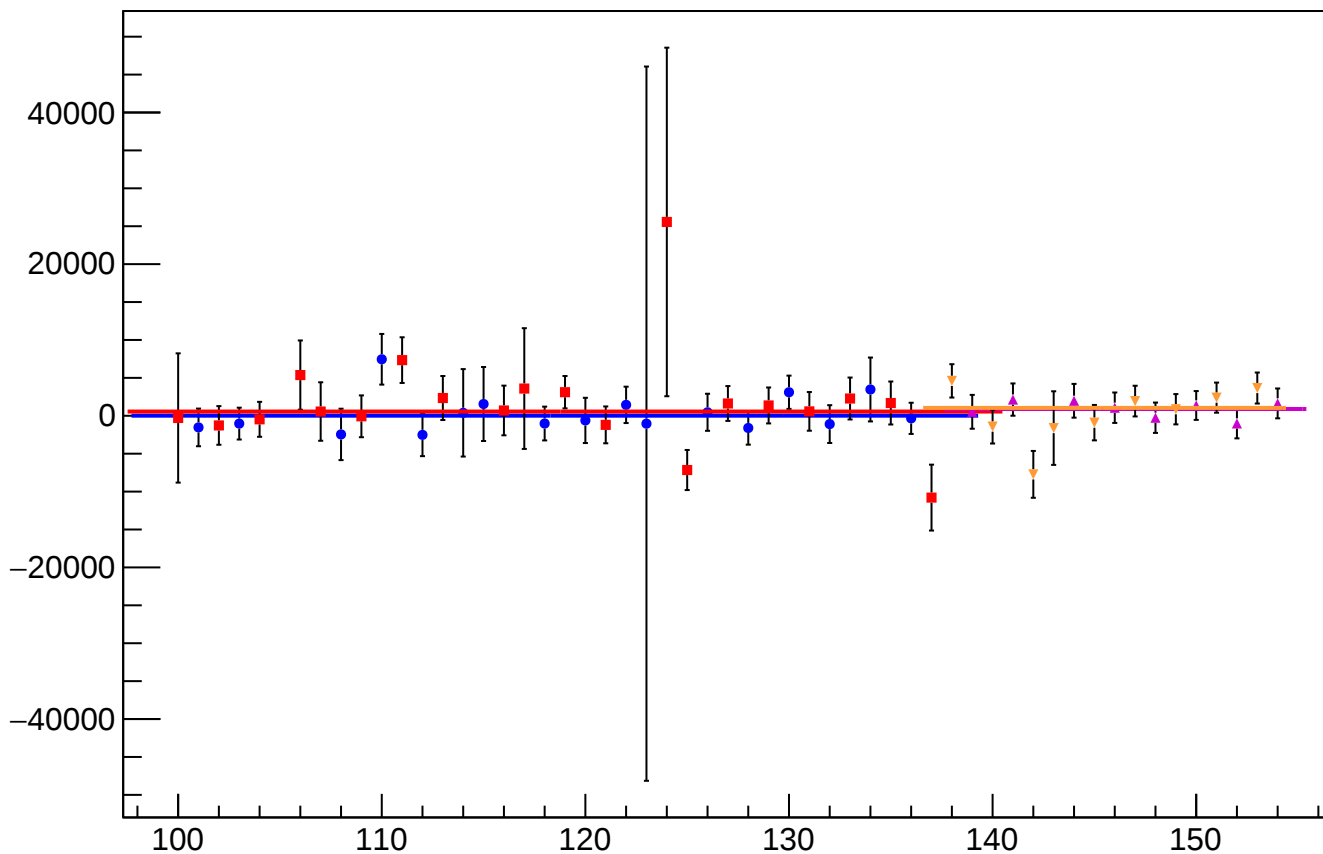
Right Out: 3080.063+/-0.895 χ^2/NDF : 2017746.3/19

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

3700.205+/-0.778 χ^2/NDF : 3568683.6/25

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

reg_asym_atl_dd_mean vs Slug



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

Left Out: 1038.303+/-761.200 χ^2/NDF : 15.2/8

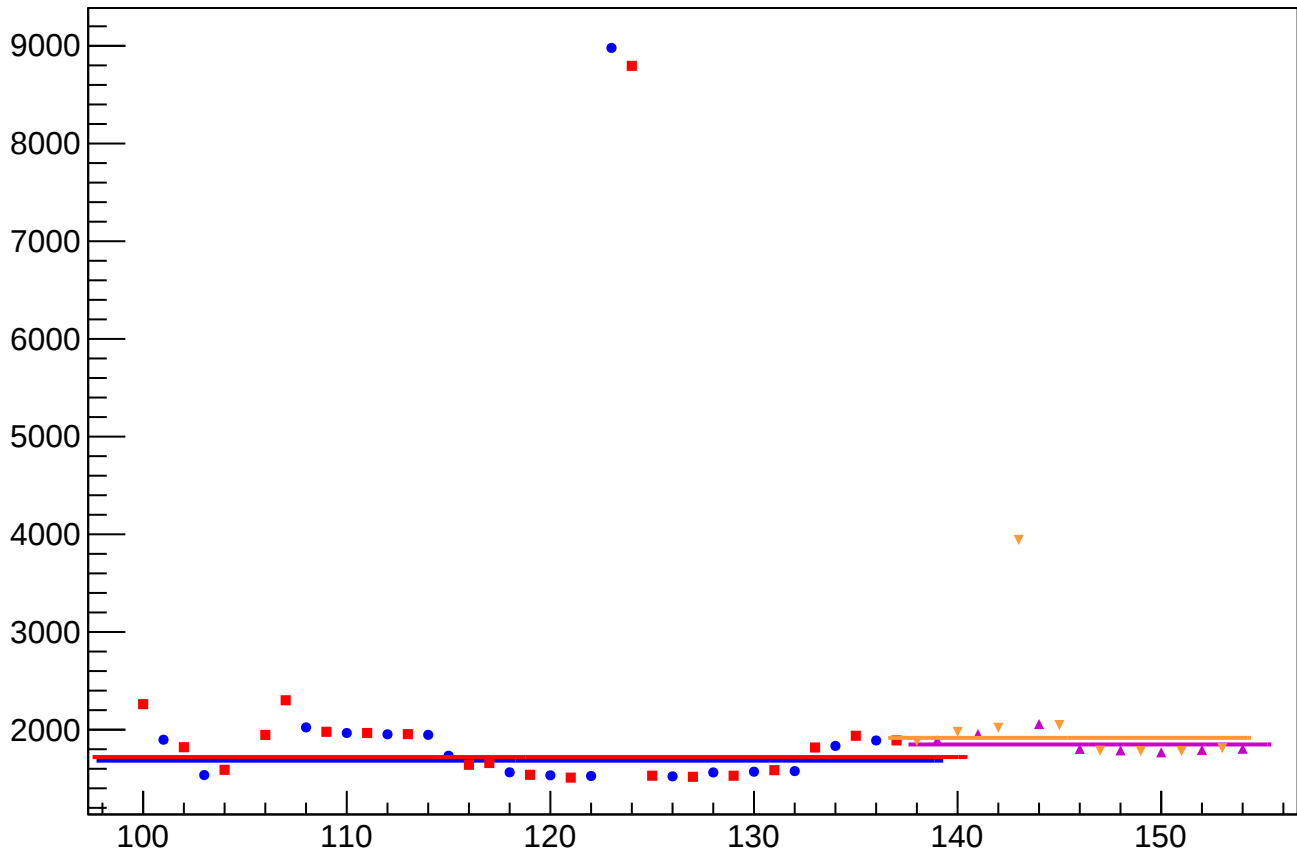
Right Out: 558.377+/-658.875 χ^2/NDF : 26.8/19

Left In: 894.096+/-722.775 χ^2/NDF : 2.1/7

454.485+/-499.134 χ^2/NDF : 27.4/25

710.743+/-486.922 χ^2/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: 1916.314+/-0.538 χ^2/NDF : 391567.8/8

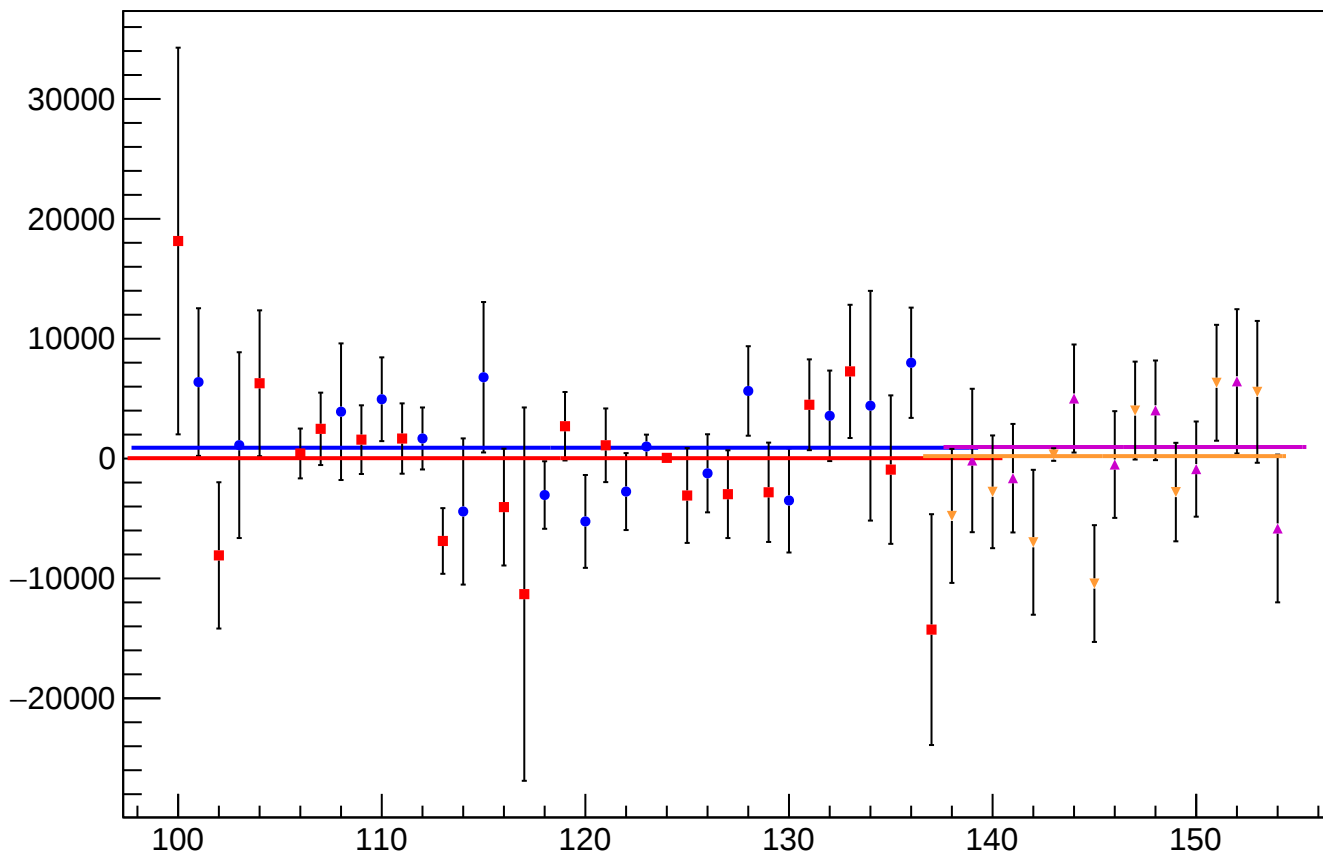
Right Out: 1719.963+/-0.464 χ^2/NDF : 396217.5/19

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

1783.465+/-0.353 χ^2/NDF : 694329.6/25

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: 203.429+/-499.967 χ^2/NDF : 11.3/8

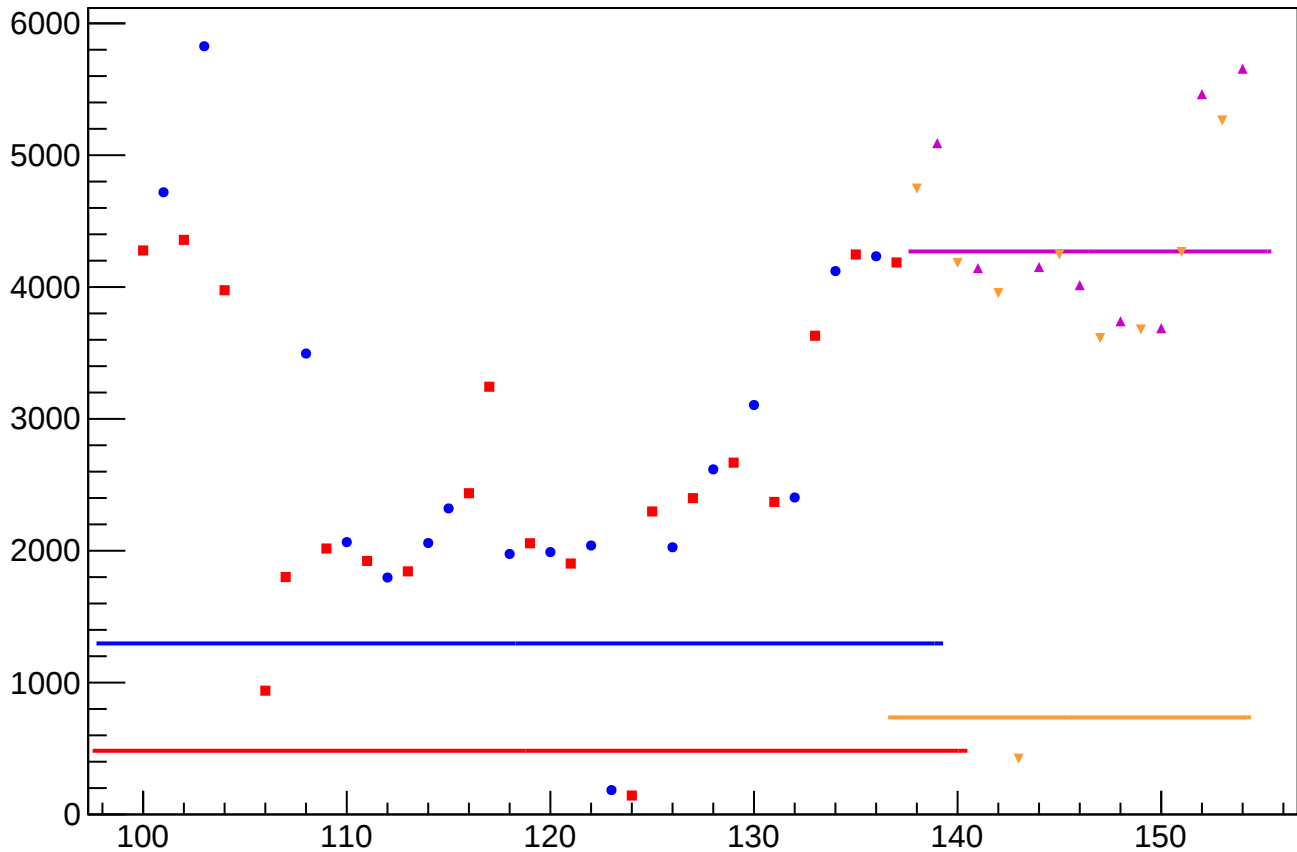
Right Out: 32.177+/-357.083 χ^2/NDF : 21.0/19

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

437.393+/-407.933 χ^2/NDF : 27.9/25

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: 736.243+/-0.354 χ^2/NDF : 8682447.8/8

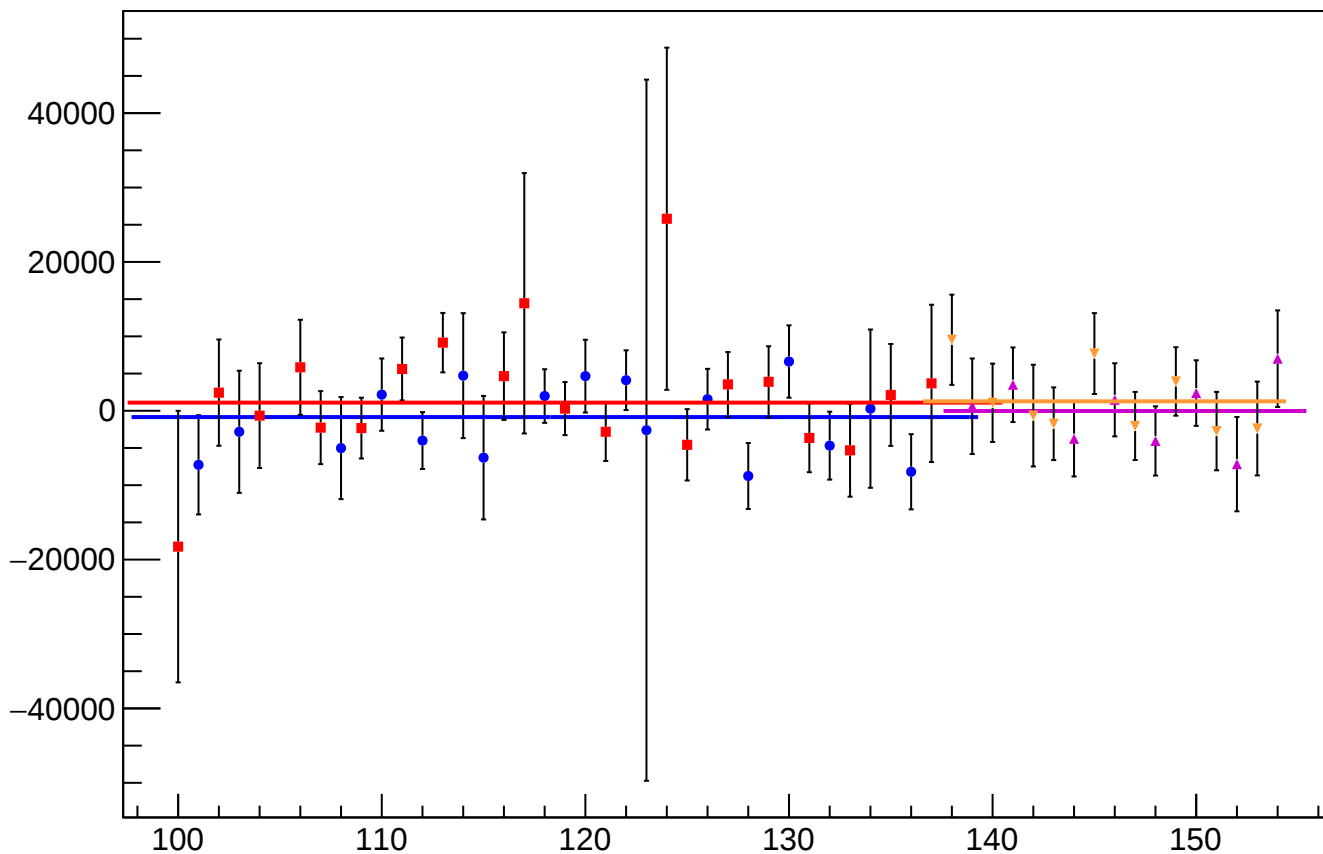
923.692+/-0.288 χ^2/NDF : 16033078.3/25

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

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

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

asym_atl_dd_mean vs Slug



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

Left Out: 1269.539+/-1776.947 χ^2/NDF : 5.5/8

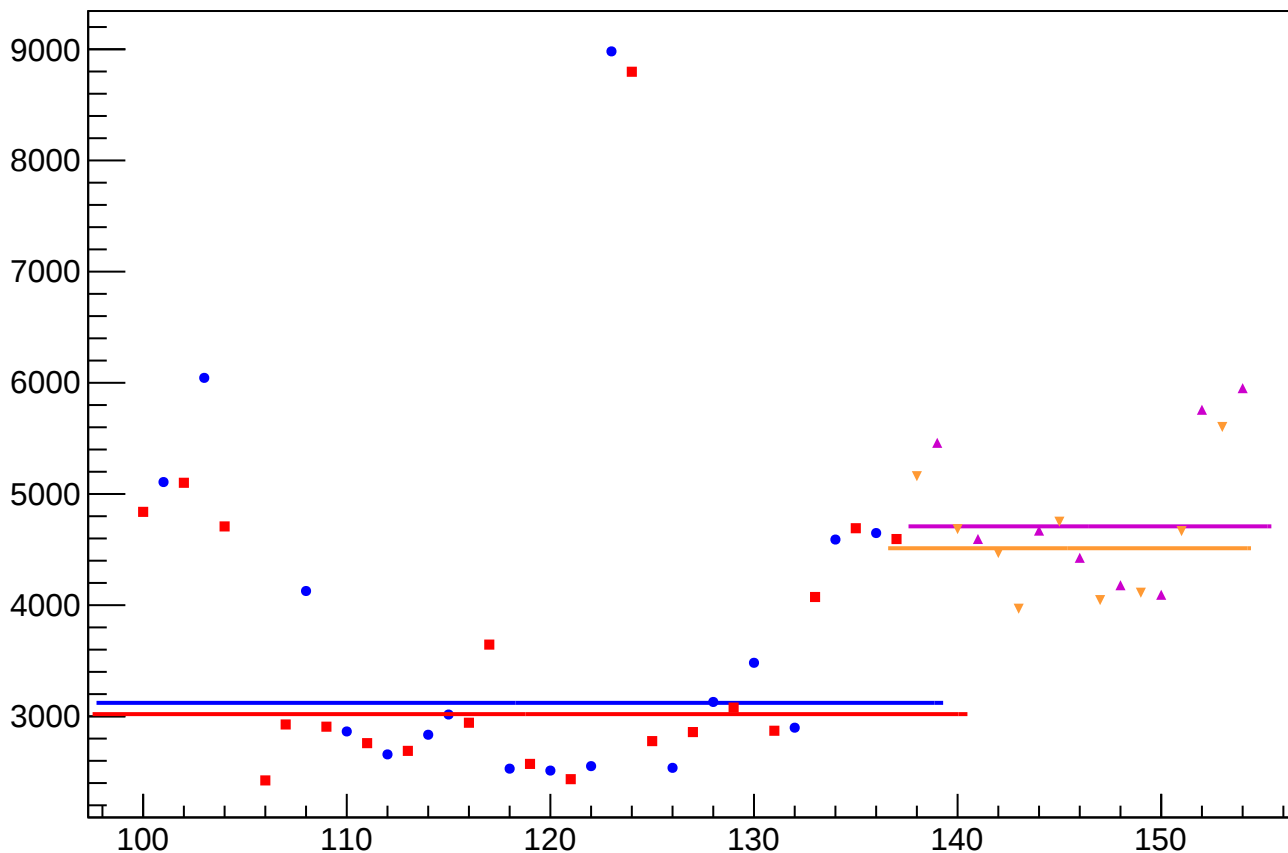
Right Out: 1095.033+/-1187.966 χ^2/NDF : 15.6/19

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

-139.672+/-1028.385 χ^2/NDF : 21.9/25

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: 4512.027 ± 1.256 χ^2/NDF : 151234.2/8

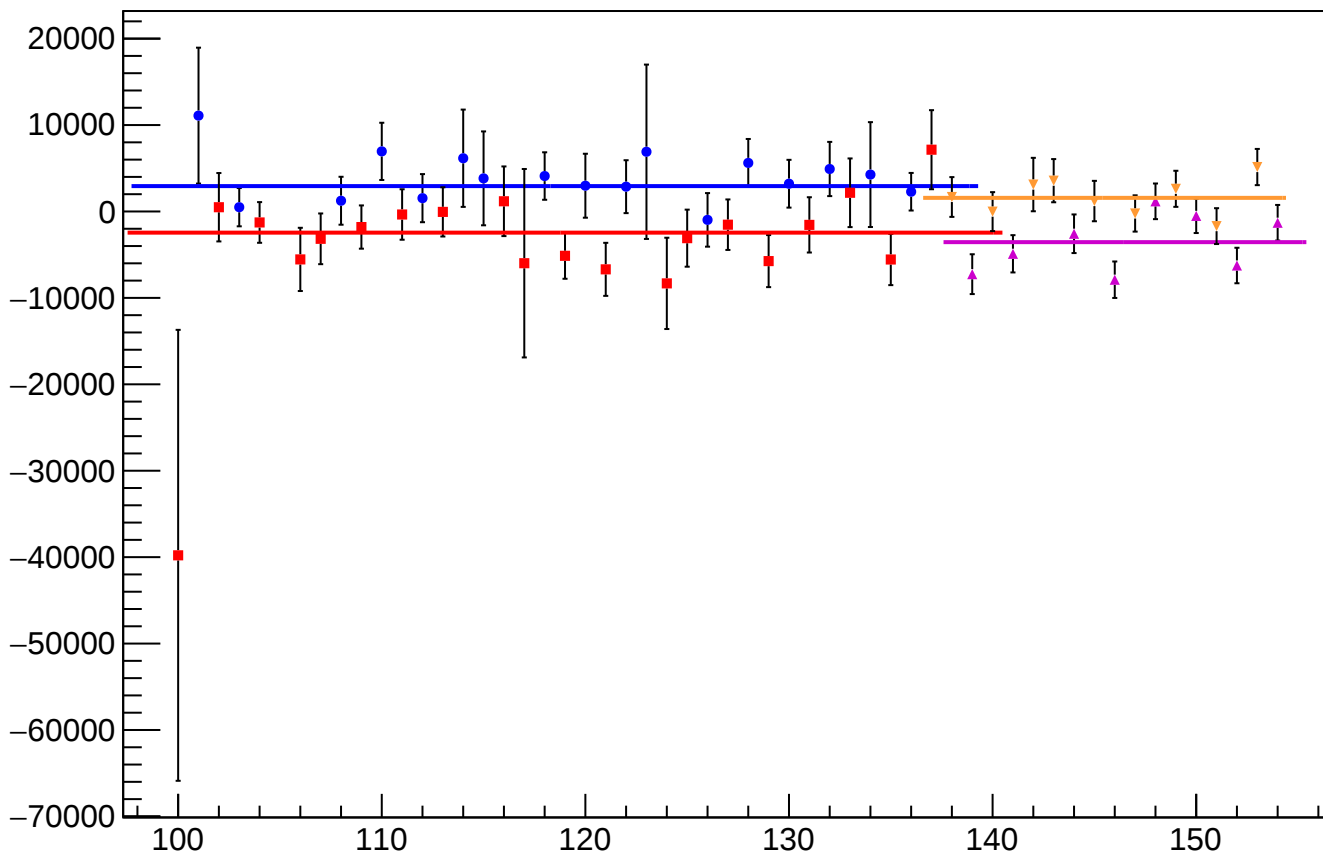
Right Out: 3020.039 ± 0.830 χ^2/NDF : 794563.8/19

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

3587.180 ± 0.727 χ^2/NDF : 1911564.7/25

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: 1575.255+/-755.910 χ^2/NDF : 7.8/8

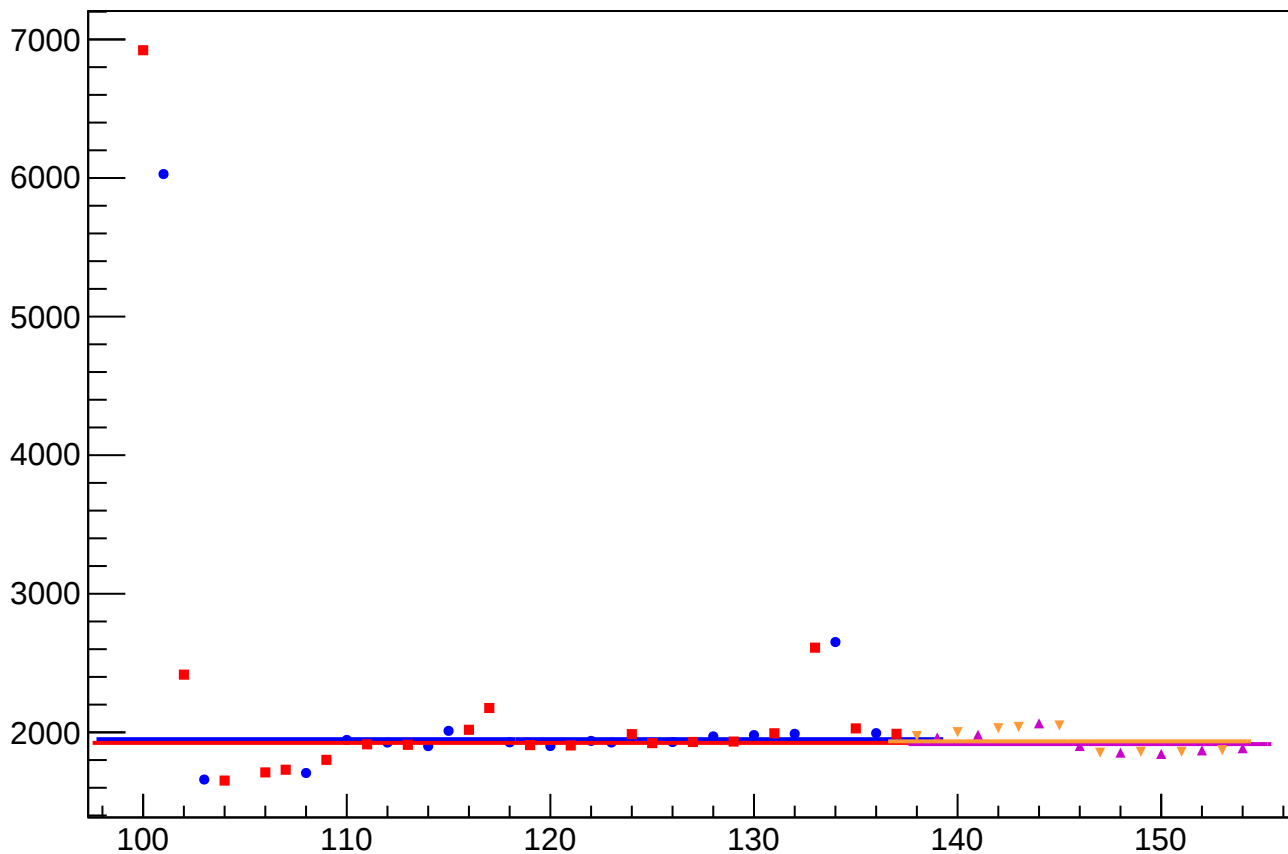
Right Out: -2449.072+/-738.715 χ^2/NDF : 18.3/19

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

2238.258+/-541.256 χ^2/NDF : 17.5/25

-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: 1935.059+/-0.535 χ^2/NDF : 22501.8/8

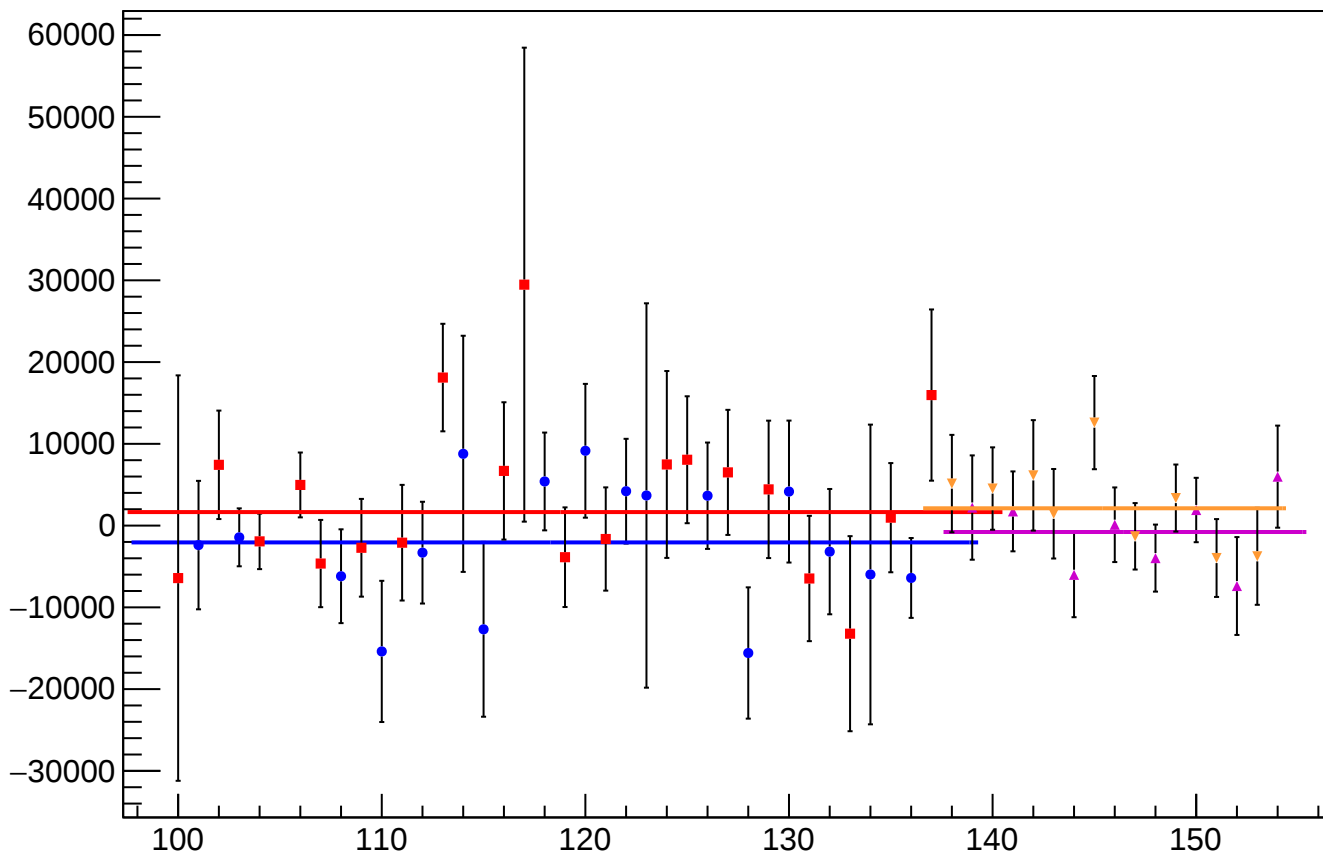
Right Out: 1923.907+/-0.521 χ^2/NDF : 218470.6/19

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

1942.639+/-0.383 χ^2/NDF : 640246.7/25

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: 2117.606+/-1699.755 χ^2/NDF : 7.7/8

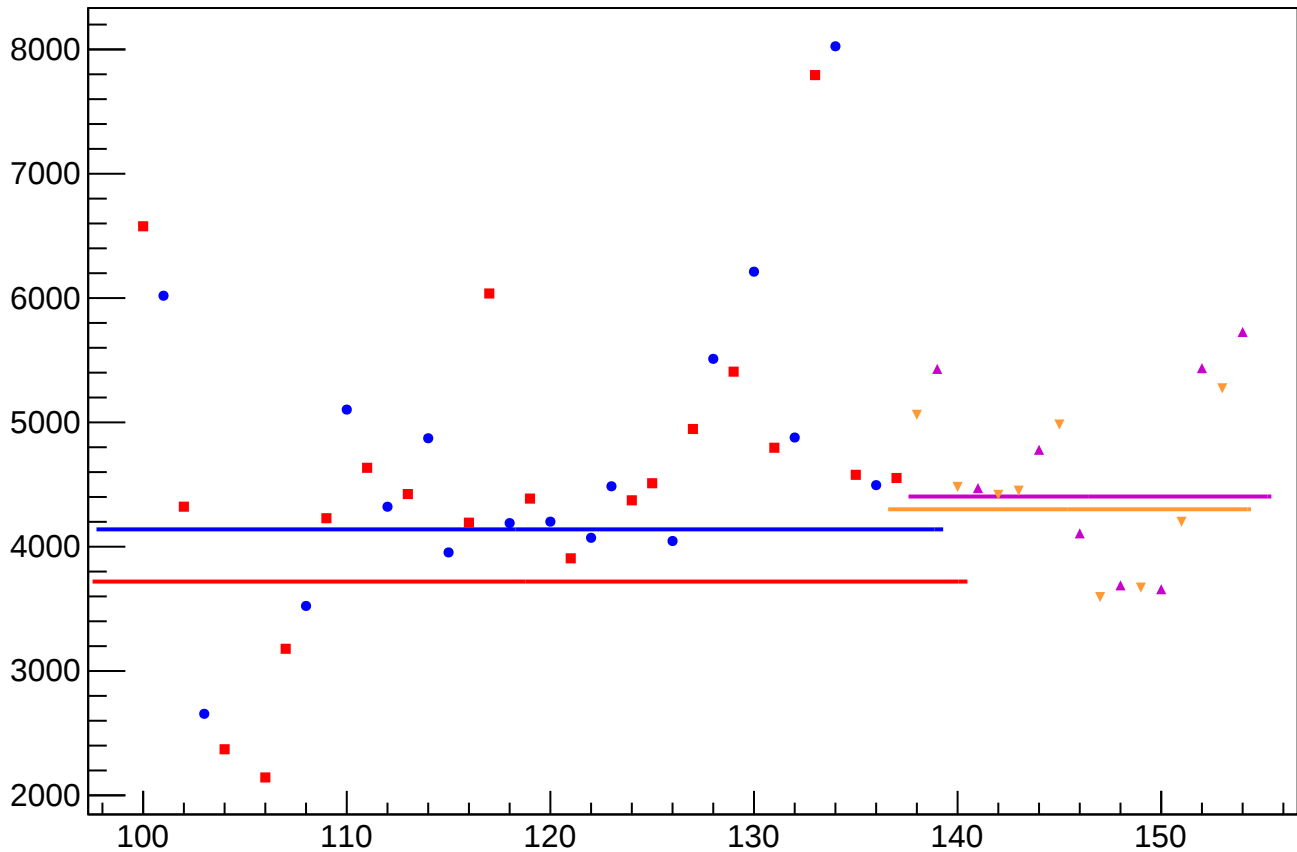
Right Out: 1652.978+/-1475.490 χ^2/NDF : 19.5/19

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

-17.669+/-1187.998 χ^2/NDF : 24.7/25

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: 4300.952+/-1.202 χ^2/NDF : 228071.6/8

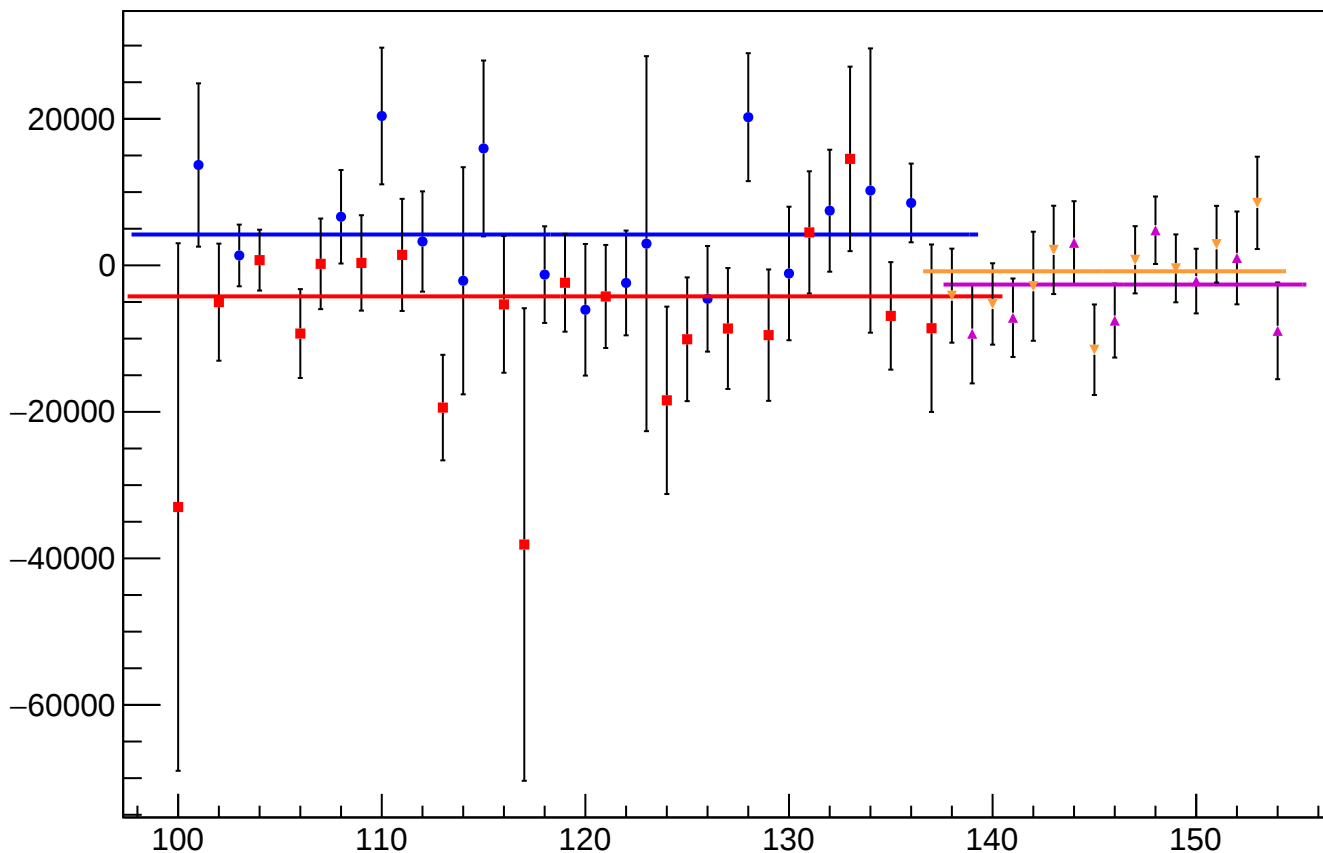
4218.314+/-0.840 χ^2/NDF : 1050864.3/25

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

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

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

asym_atr_avg_mean vs Slug



Right In: 4211.844 ± 1871.304 $\chi^2/\text{NDF}: 14.4/16$

Left Out: -806.898 ± 1875.972 $\chi^2/\text{NDF}: 7.0/8$

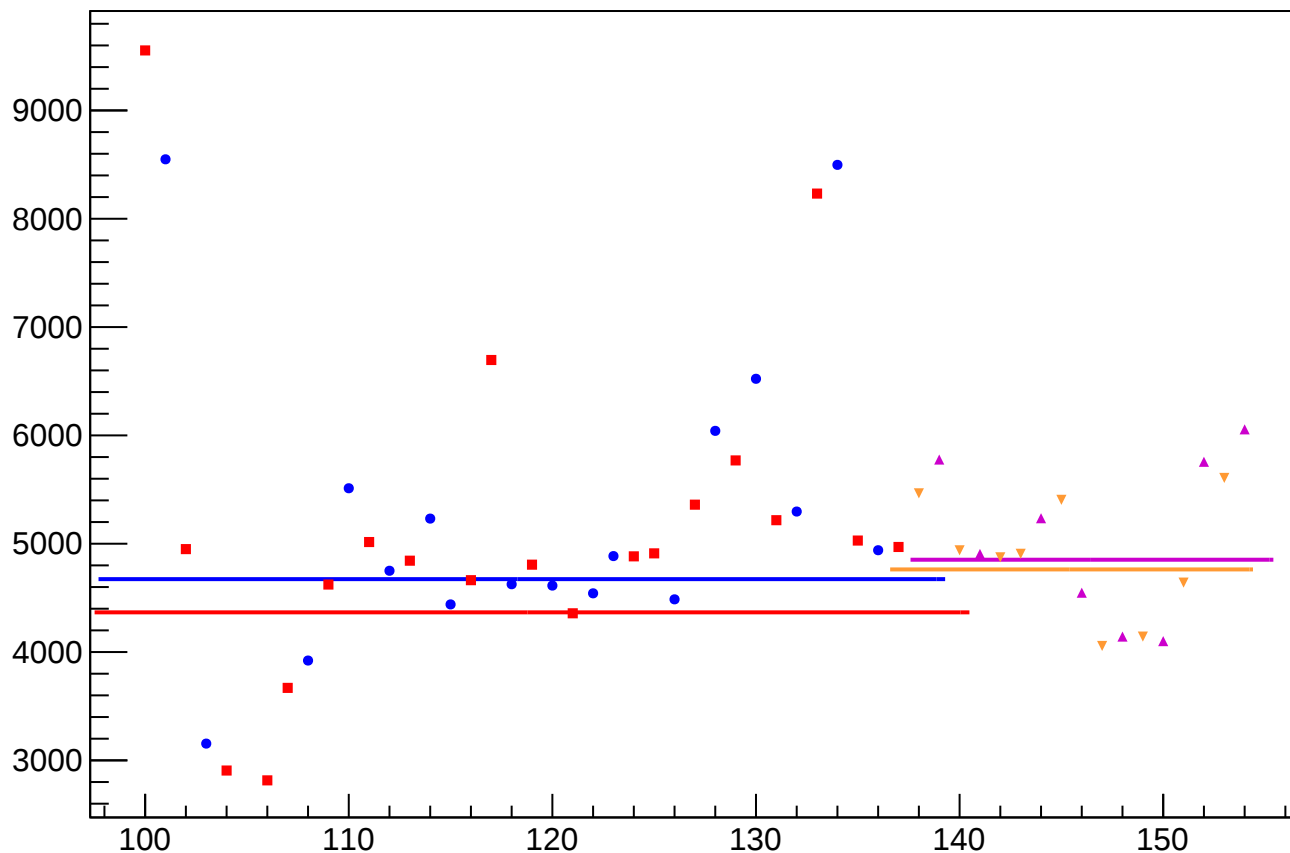
Right Out: -4230.596 ± 1722.878 $\chi^2/\text{NDF}: 15.9/19$

Left In: -2618.495 ± 1913.209 $\chi^2/\text{NDF}: 7.5/7$

1708.725 ± 1324.859 $\chi^2/\text{NDF}: 25.0/25$

-3508.700 ± 1280.276 $\chi^2/\text{NDF}: 23.8/27$

asym_atr_avg_rms vs Slug



Right In: 4673.046 $\pm$ 1.323 χ^2 /NDF: 777321.1/16

Left Out: 4762.662 $\pm$ 1.327 χ^2 /NDF:169461.3/8

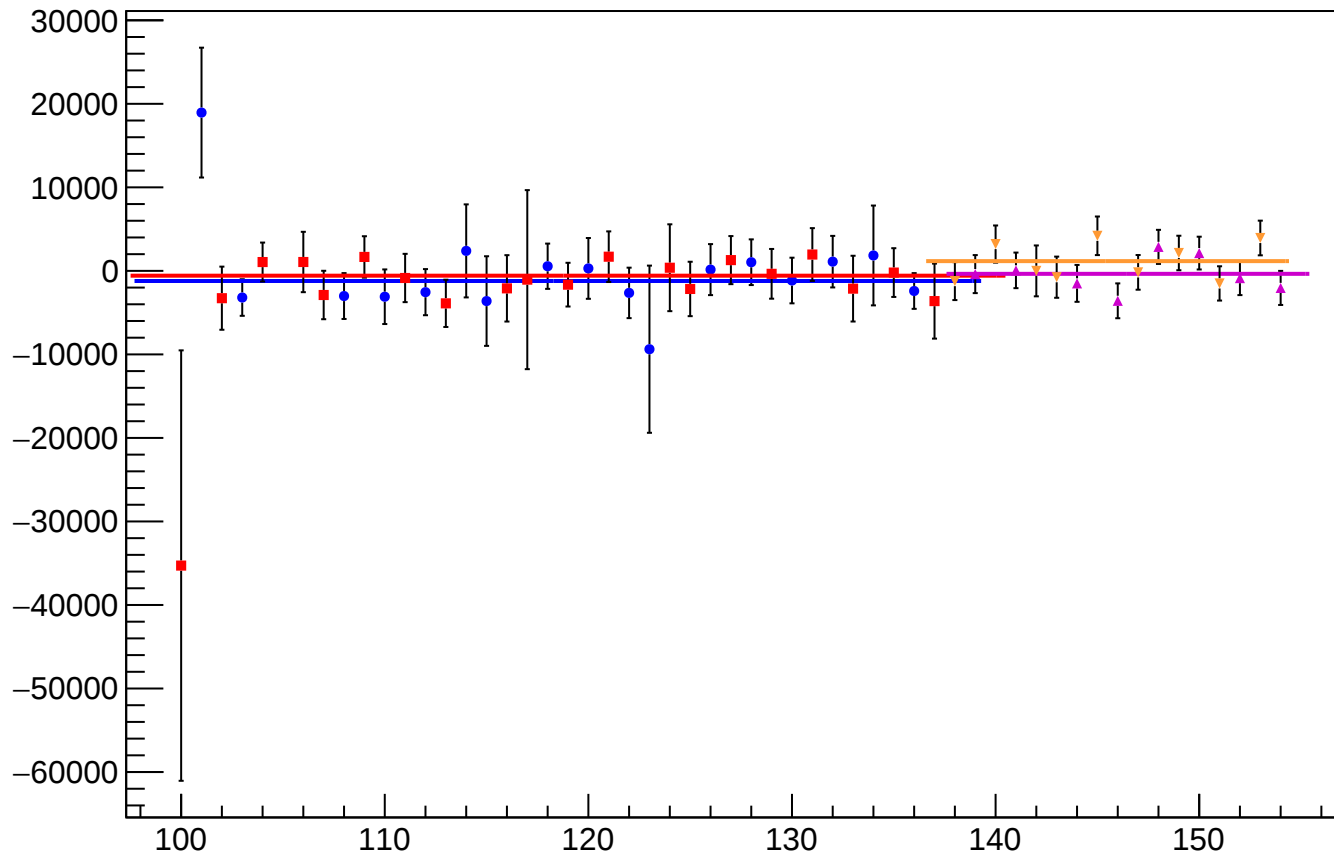
Right Out: 4366.422 $\pm$ 1.211 χ^2 /NDF: 842654.3/19

Left In: 4852.256 $\pm$ 1.353 χ^2 /NDF:266405.2/7

4717.742 $\pm$ 0.937 χ^2 /NDF: 949070.1/25

4582.591 $\pm$ 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: 1167.031 ± 747.080 χ^2/NDF : 8.5/8

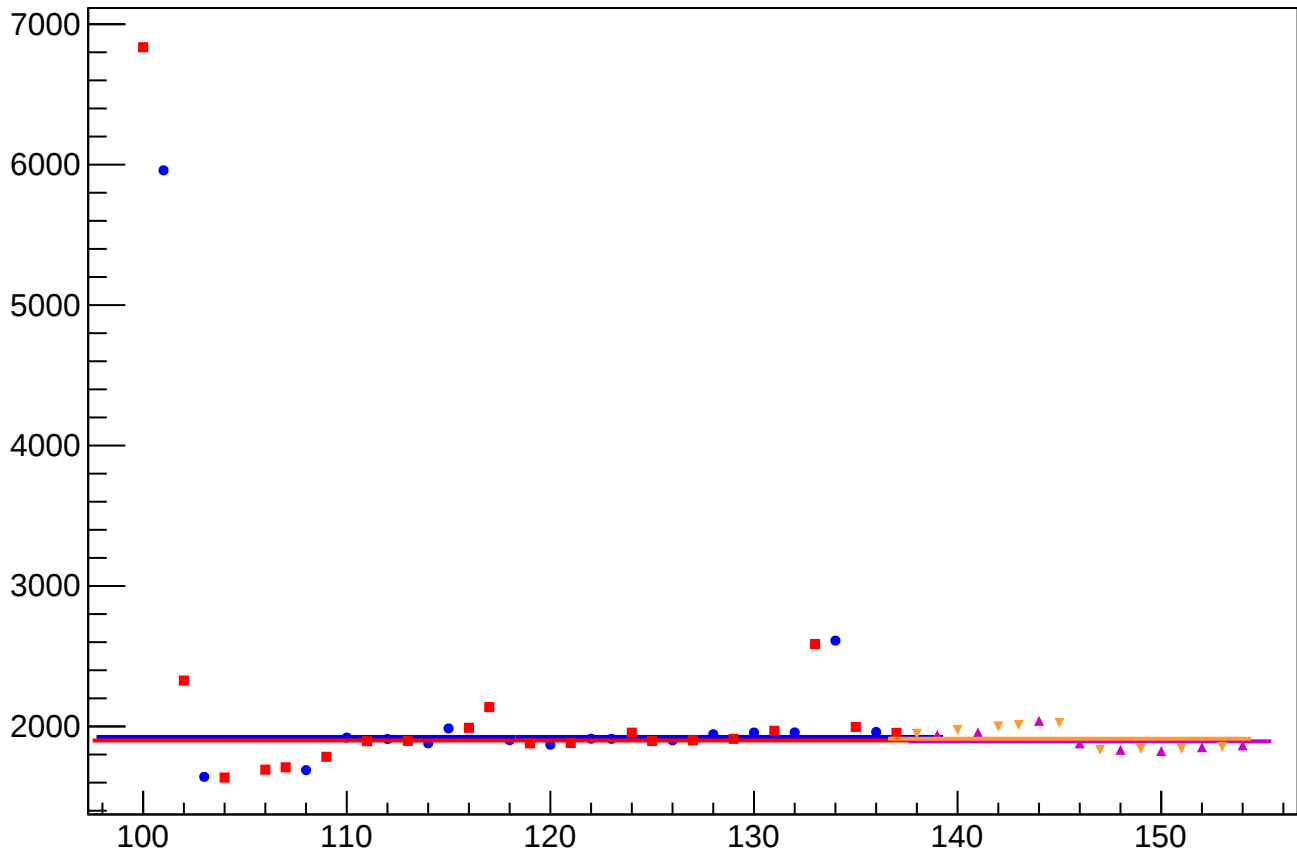
Right Out: -575.663 ± 728.976 χ^2/NDF : 8.7/19

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

6.565 ± 534.589 χ^2/NDF : 26.2/25

-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: 1912.523+/-0.528 χ^2 /NDF:21065.0/8

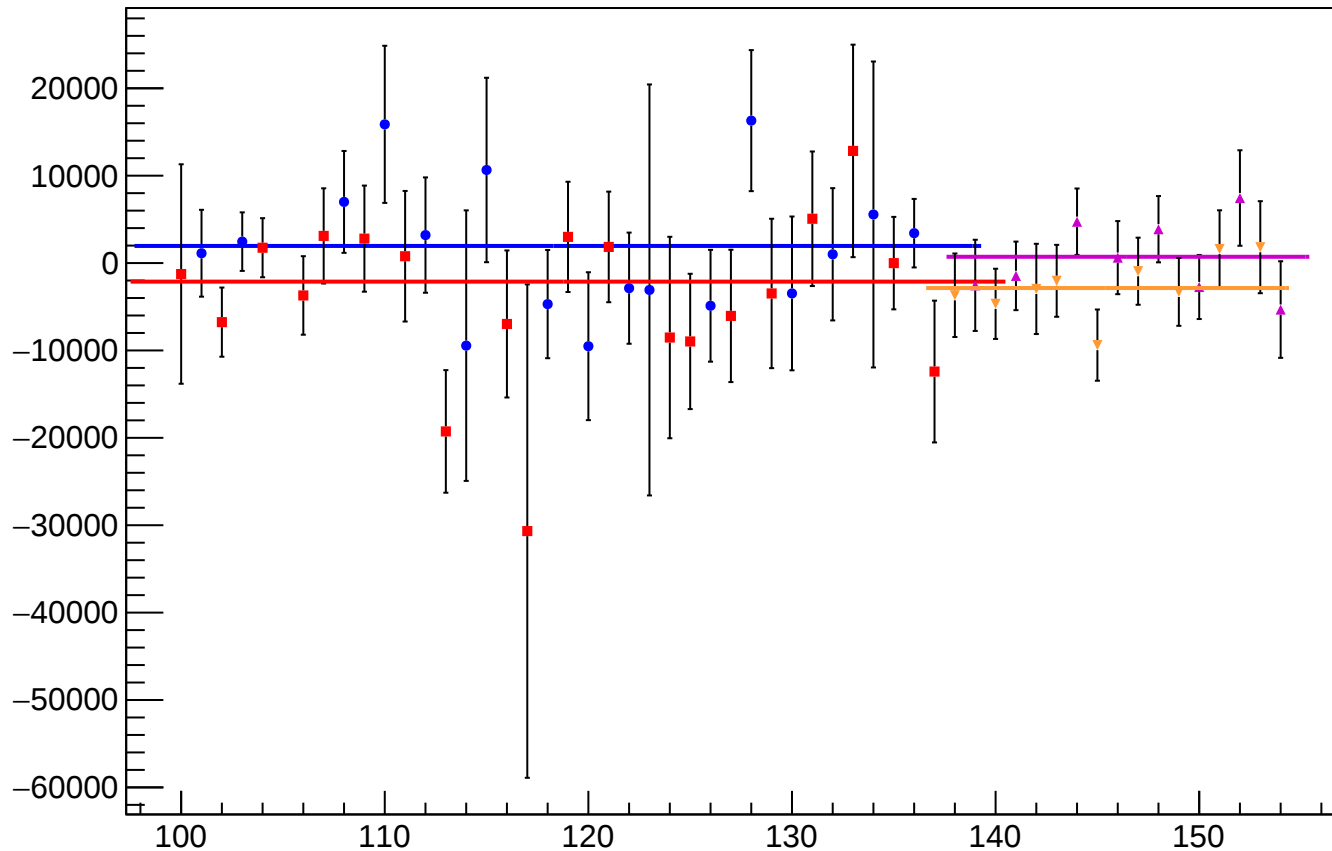
1918.768+/-0.378 χ^2 /NDF: 637215.0/25

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

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

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

asym_atr_dd_correction_mean vs Slug



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

Left Out: -2857.176 ± 1437.929 χ^2/NDF : 4.9/8

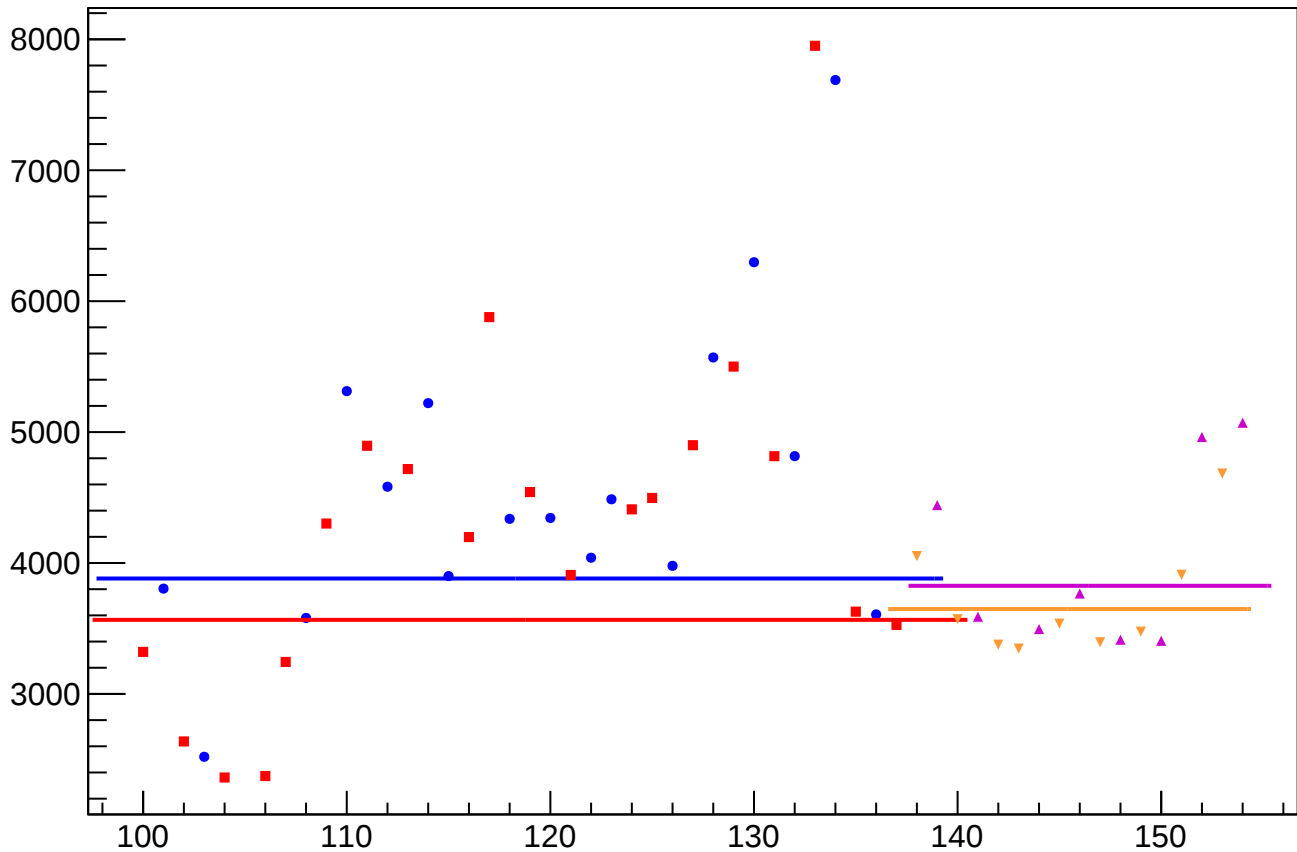
Right Out: -2124.415 ± 1411.872 χ^2/NDF : 18.5/19

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

-639.992 ± 1056.309 χ^2/NDF : 23.0/25

-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: 3648.604+/-1.017 χ^2 /NDF:129785.9/8

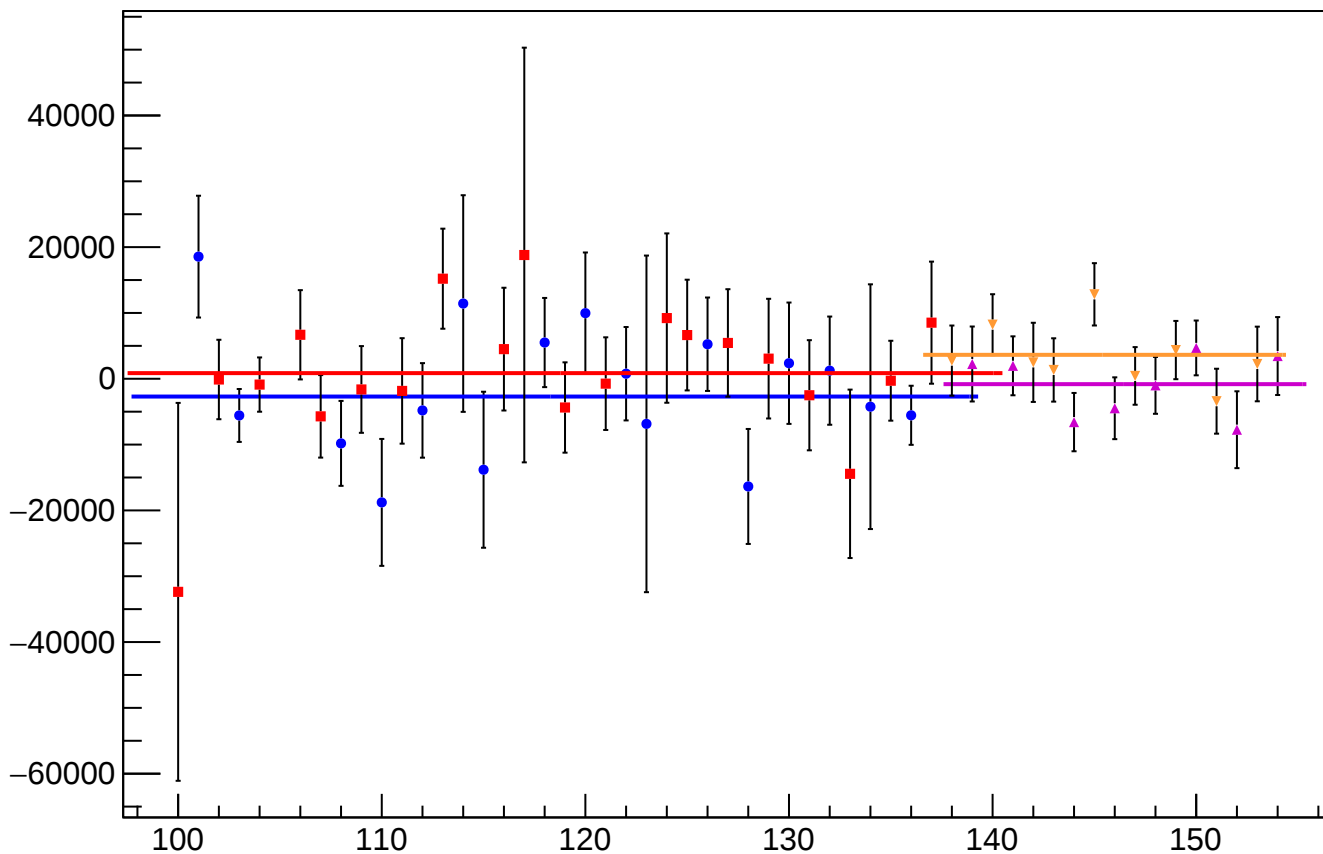
3755.855+/-0.747 χ^2 /NDF: 971421.6/25

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

3687.128+/-0.729 χ^2 /NDF: 1575285.0/27

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

asym_atr_dd_mean vs Slug



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

Left Out: 3636.865 ± 1637.646 χ^2/NDF : 7.7/8

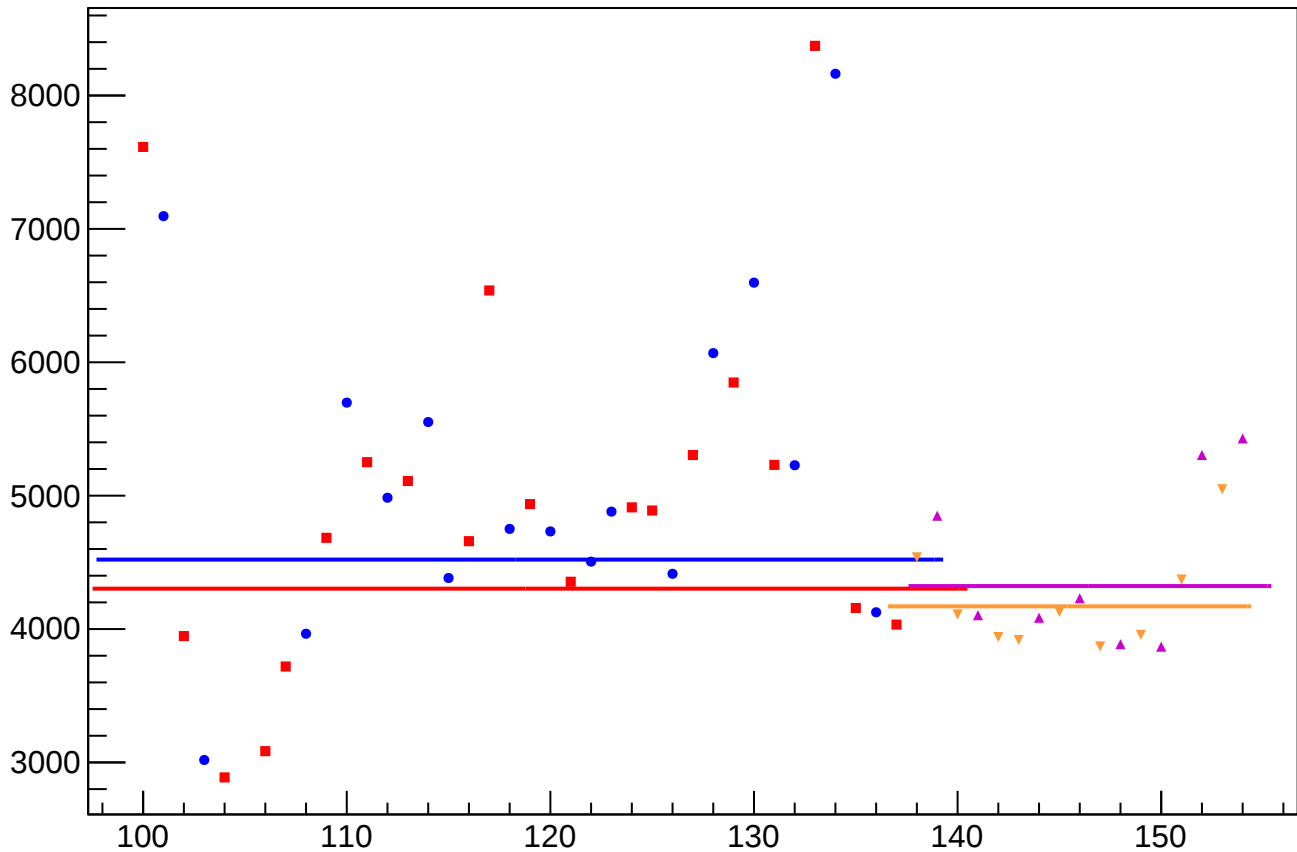
Right Out: 857.617 ± 1687.925 χ^2/NDF : 11.9/19

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

782.480 ± 1214.079 χ^2/NDF : 34.2/25

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: 4170.111+/-1.158 χ^2 /NDF:83749.4/8

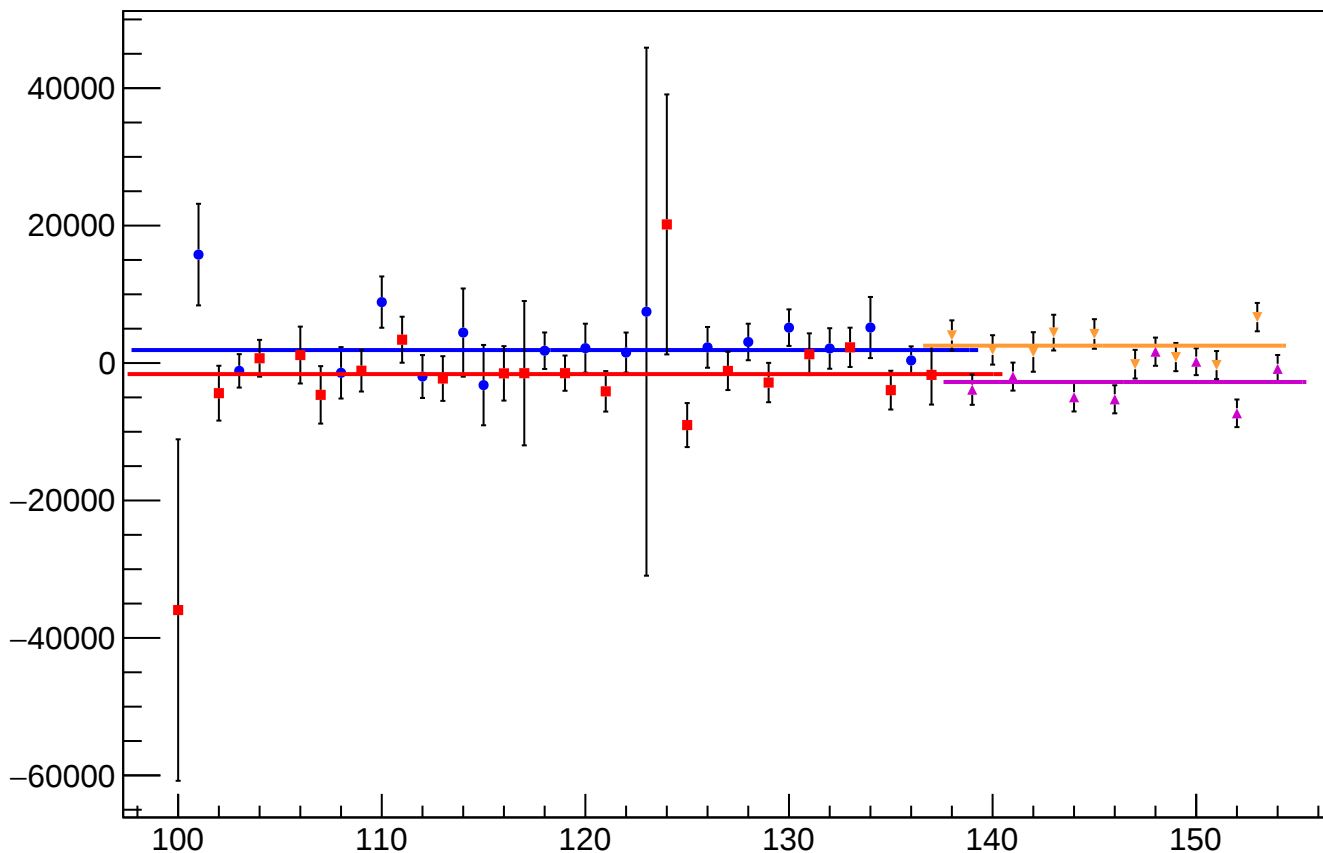
4328.006+/-0.858 χ^2 /NDF: 895916.6/25

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: 2527.766+/-734.426 χ^2/NDF :10.1/8

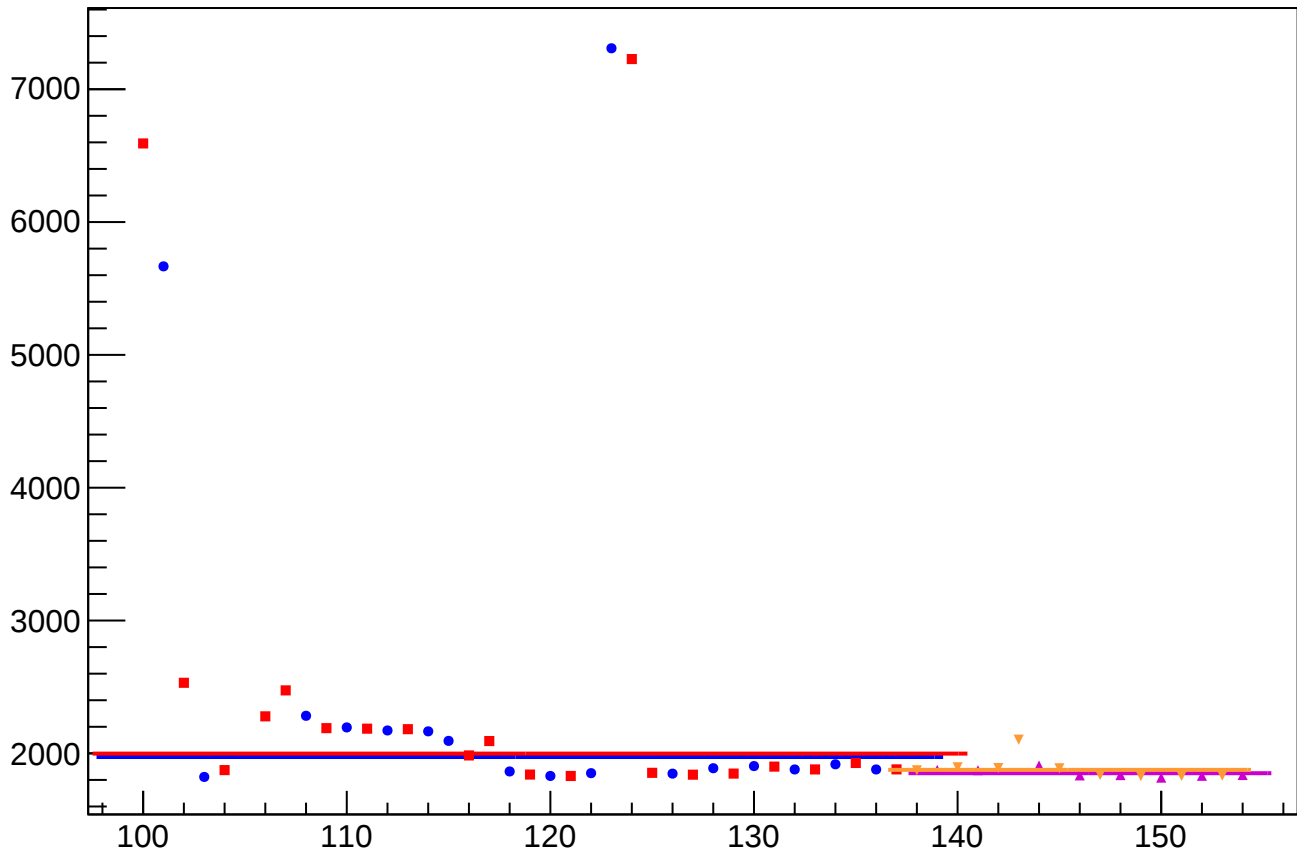
Right Out: -1609.604+/-763.815 χ^2/NDF : 17.5/19

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

2228.638+/-535.931 χ^2/NDF : 25.1/25

-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: 1875.675+/-0.519 χ^2/NDF : 19221.7/8

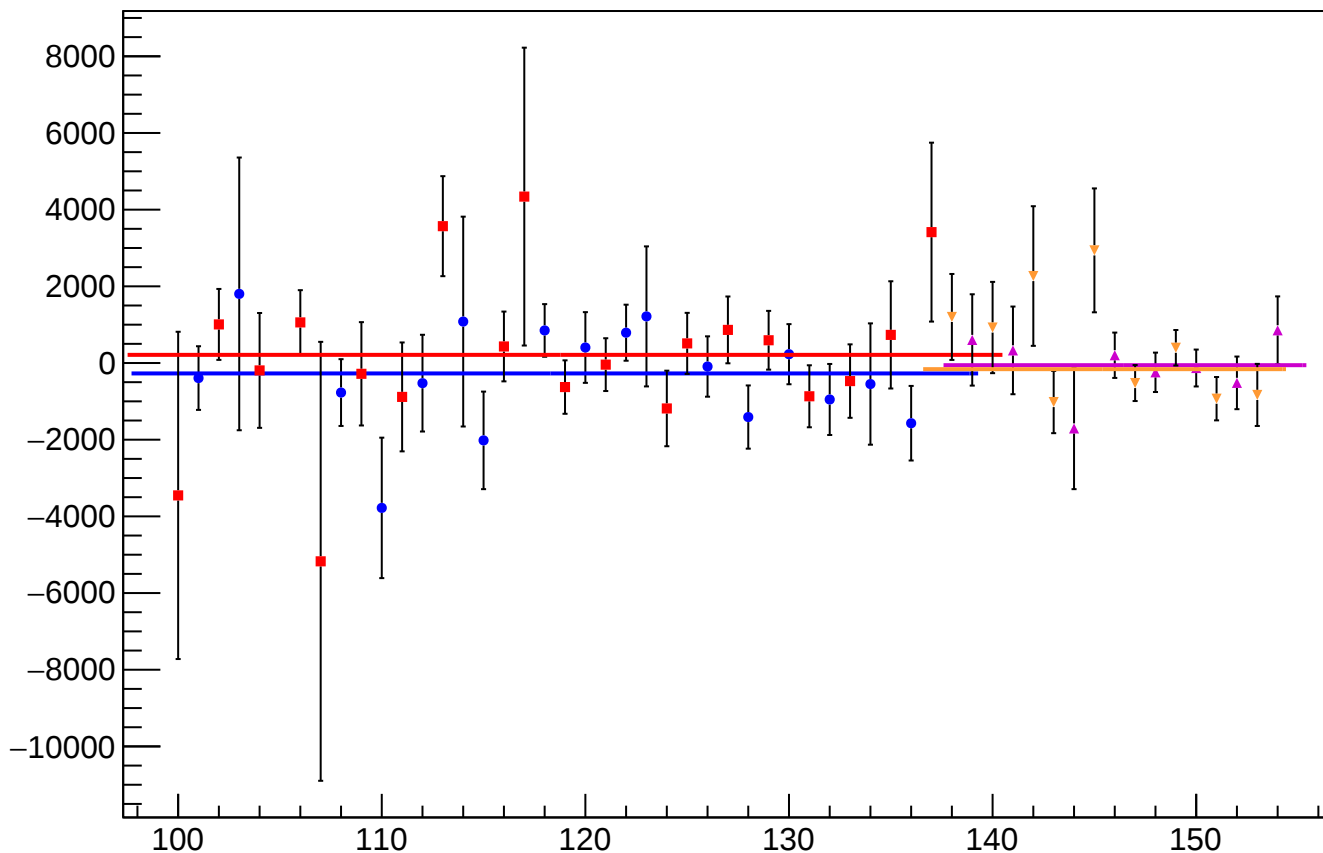
1920.933+/-0.379 χ^2/NDF : 636337.2/25

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

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

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

asym_at1_avg_correction_mean vs Slug



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

Left Out: -160.283+/-238.589 χ^2/NDF : 13.5/8

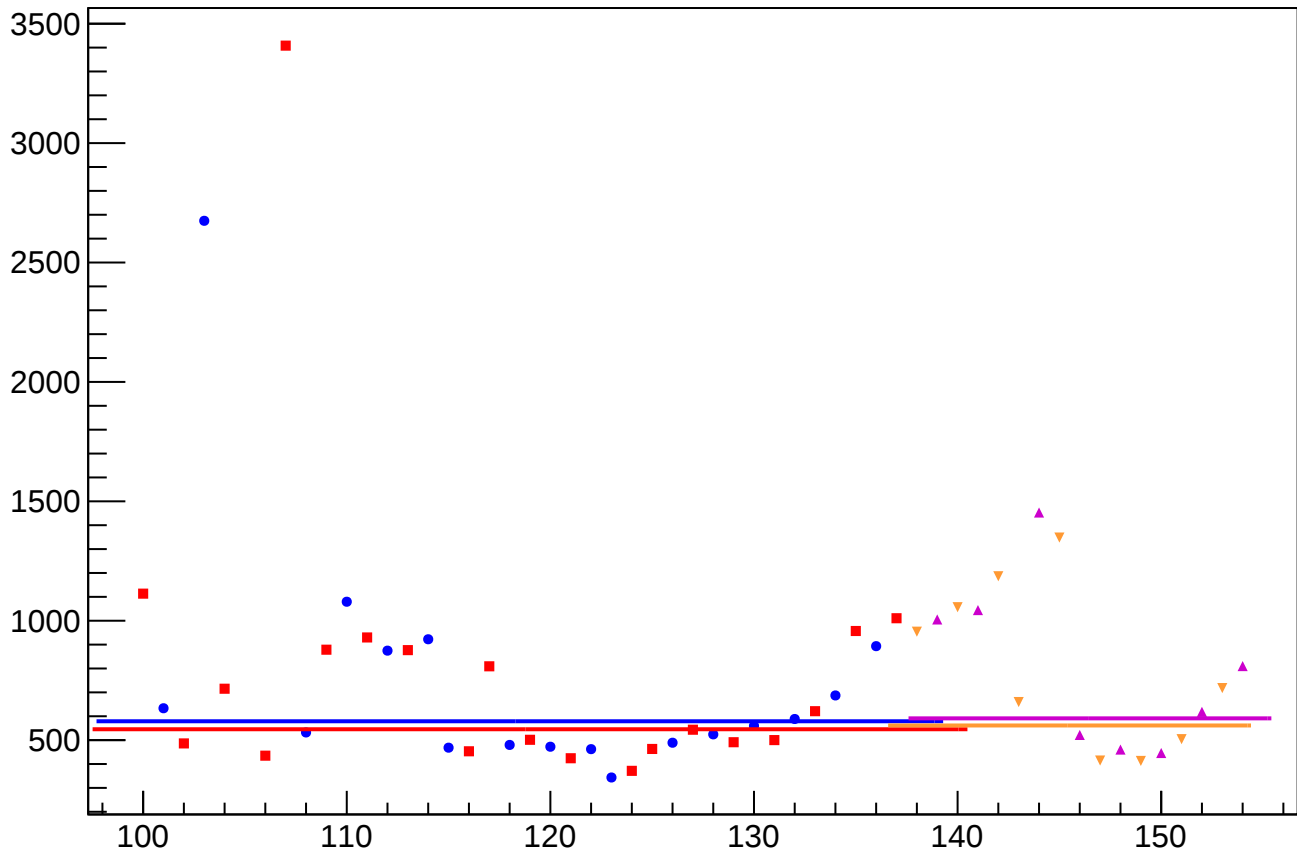
Right Out: 212.774+/-228.638 χ^2/NDF : 20.9/19

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

-215.650+/-169.279 χ^2/NDF : 30.8/25

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: 561.390+/-0.169 χ^2/NDF :1827658.9/8

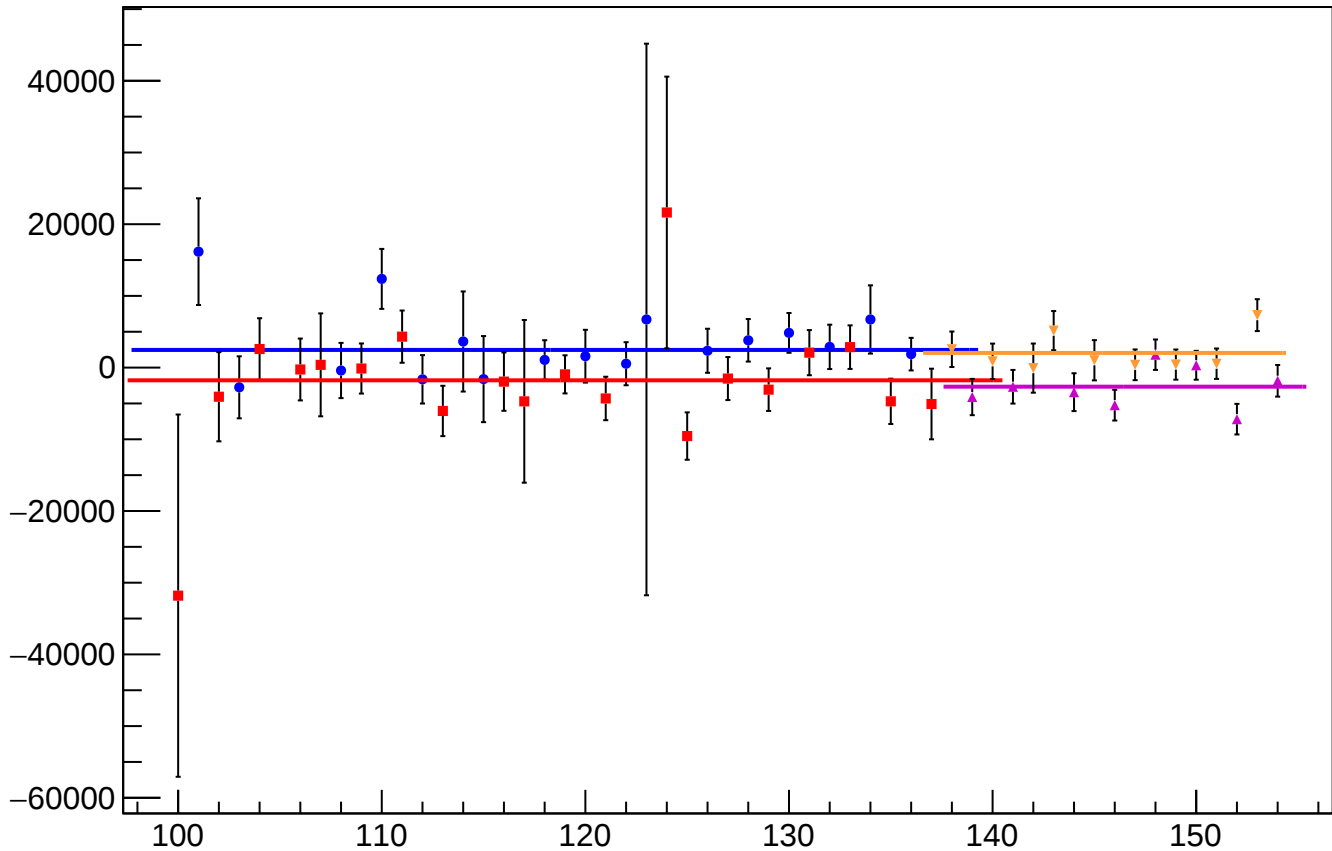
Right Out: 545.590+/-0.162 χ^2/NDF : 1467038.8/19

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

570.140+/-0.120 χ^2/NDF : 3255224.5/25

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

asym_at1_avg_mean vs Slug



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

Left Out: 2046.271+/-805.469 χ^2/NDF : 9.4/8

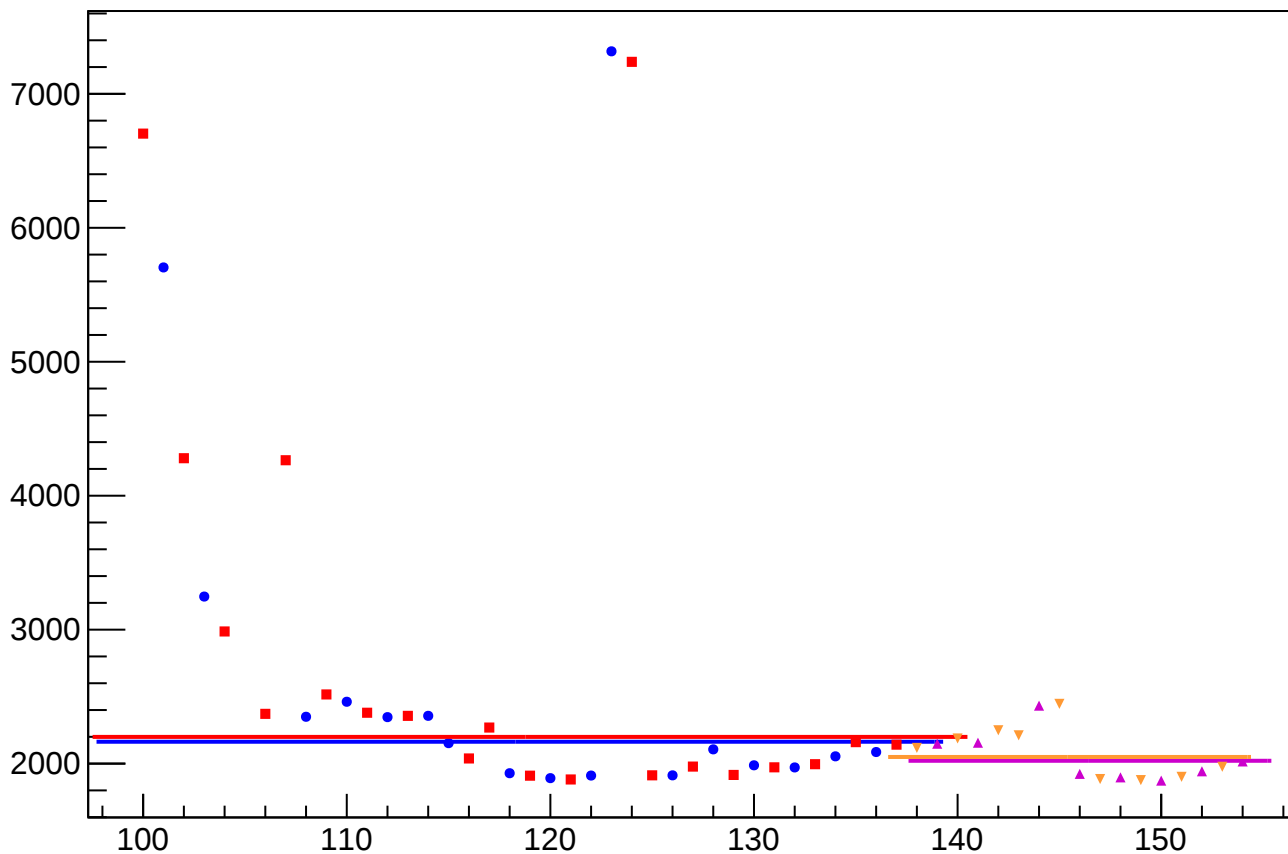
Right Out: -1773.396+/-850.889 χ^2/NDF : 20.5/19

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

2240.737+/-588.904 χ^2/NDF : 25.0/25

-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: 2049.579+/-0.570 χ^2/NDF : 98719.3/8

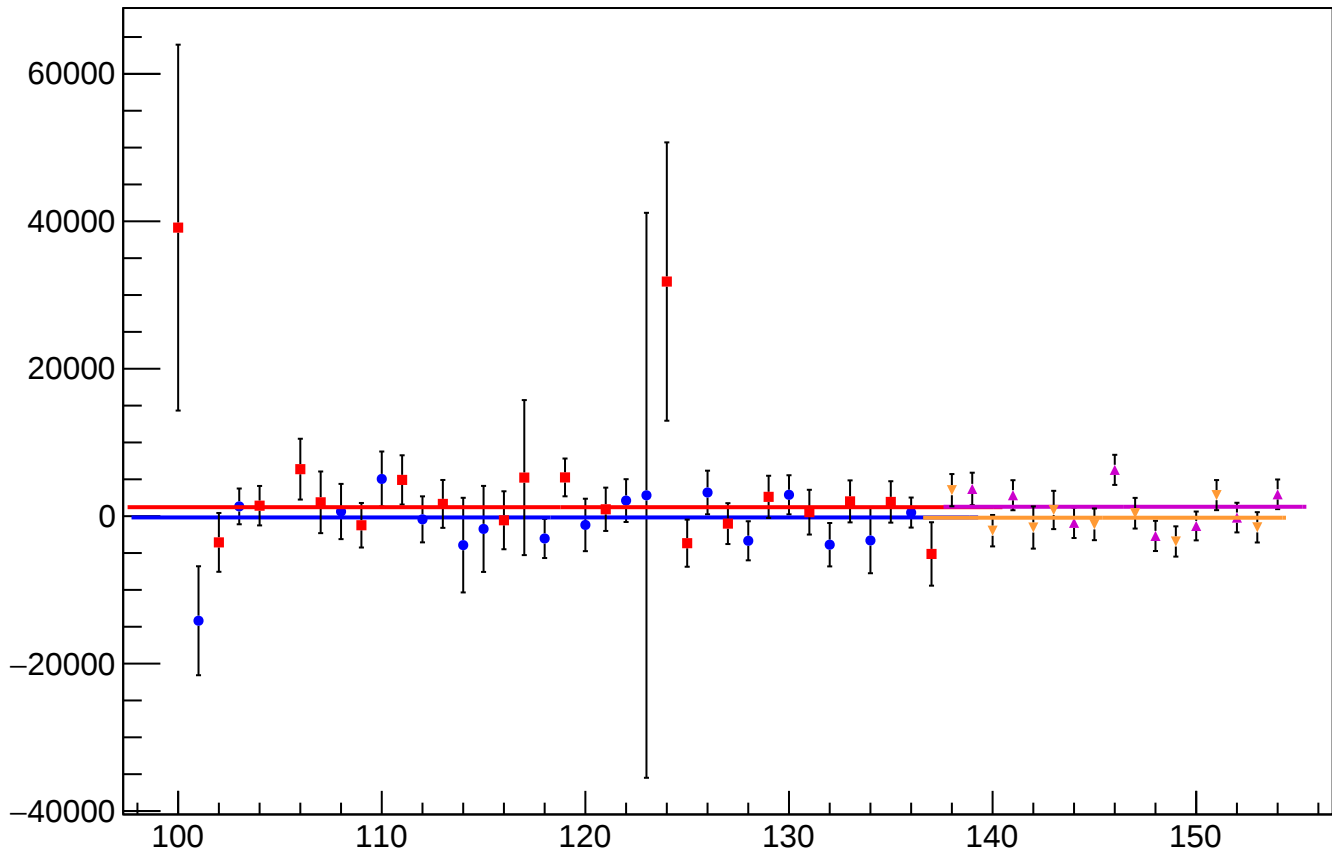
Right Out: 2199.398+/-0.602 χ^2/NDF : 803373.4/19

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

2102.511+/-0.416 χ^2/NDF : 826860.7/25

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: -210.692 ± 733.068 χ^2/NDF : 9.4/8

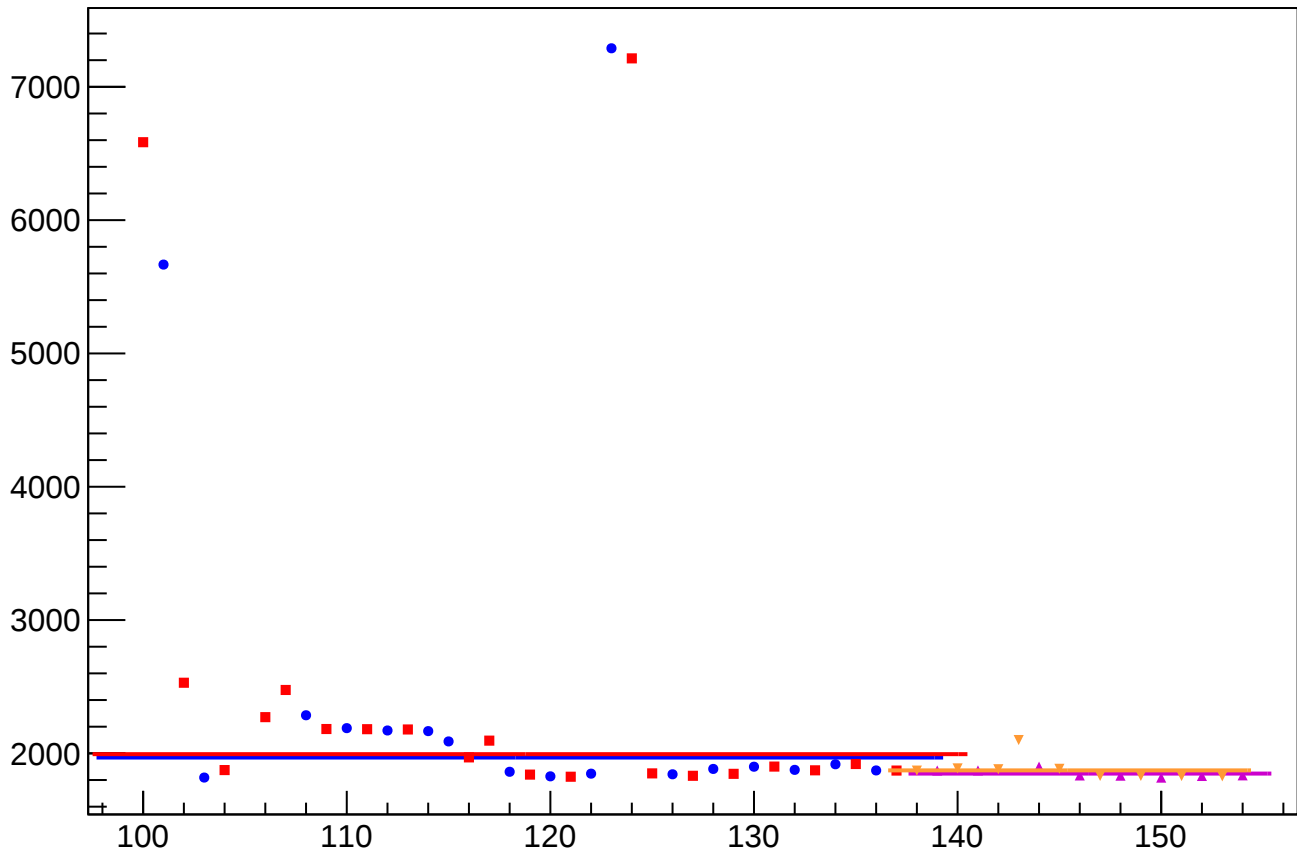
Right Out: 1218.753 ± 762.243 χ^2/NDF : 18.3/19

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

-191.833 ± 534.943 χ^2/NDF : 23.9/25

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: 1872.187+/-0.518 χ^2/NDF : 18998.2/8

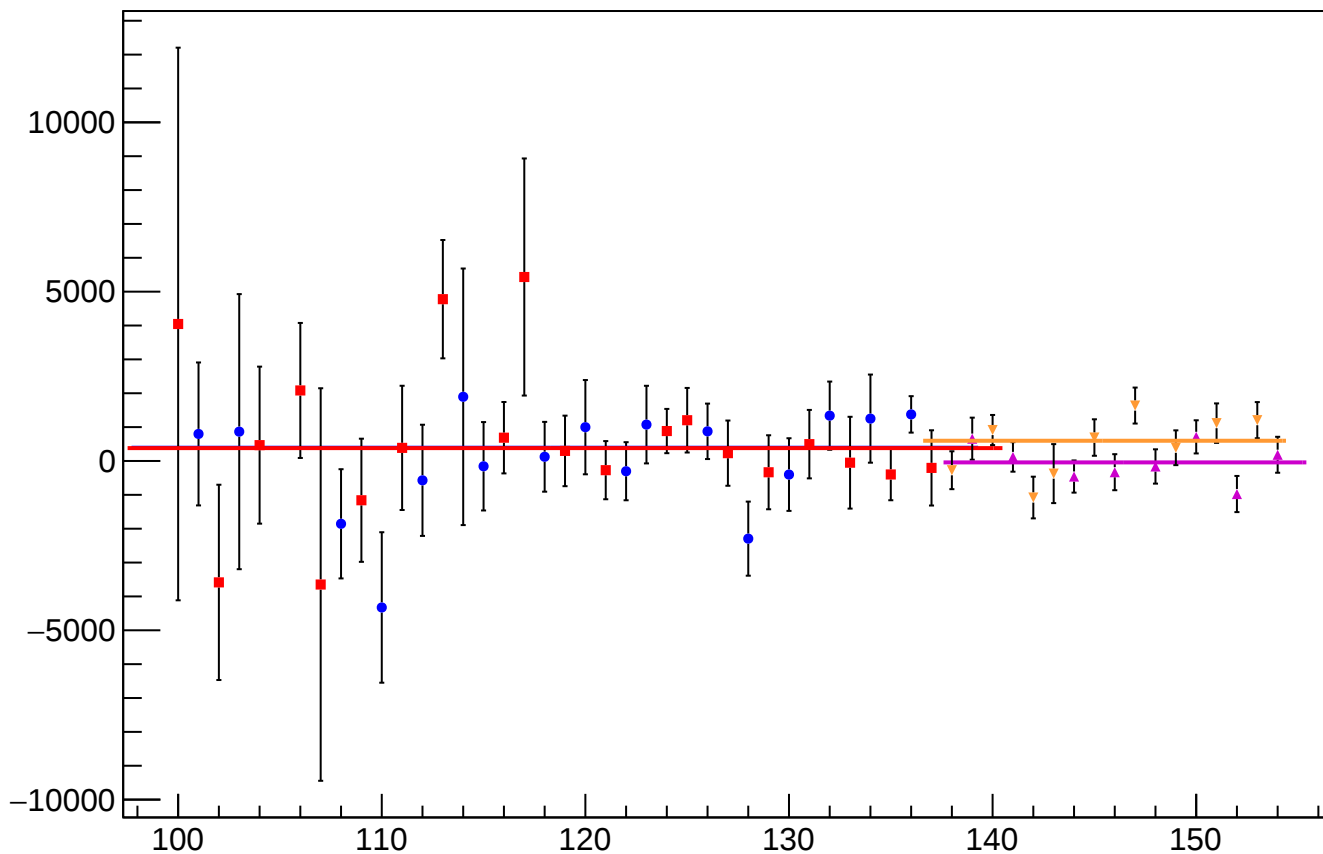
1917.275+/-0.378 χ^2/NDF : 638154.7/25

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

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

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

asym_at1_dd_correction_mean vs Slug



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

Left Out: 597.194 ± 184.329 χ^2/NDF : 17.7/8

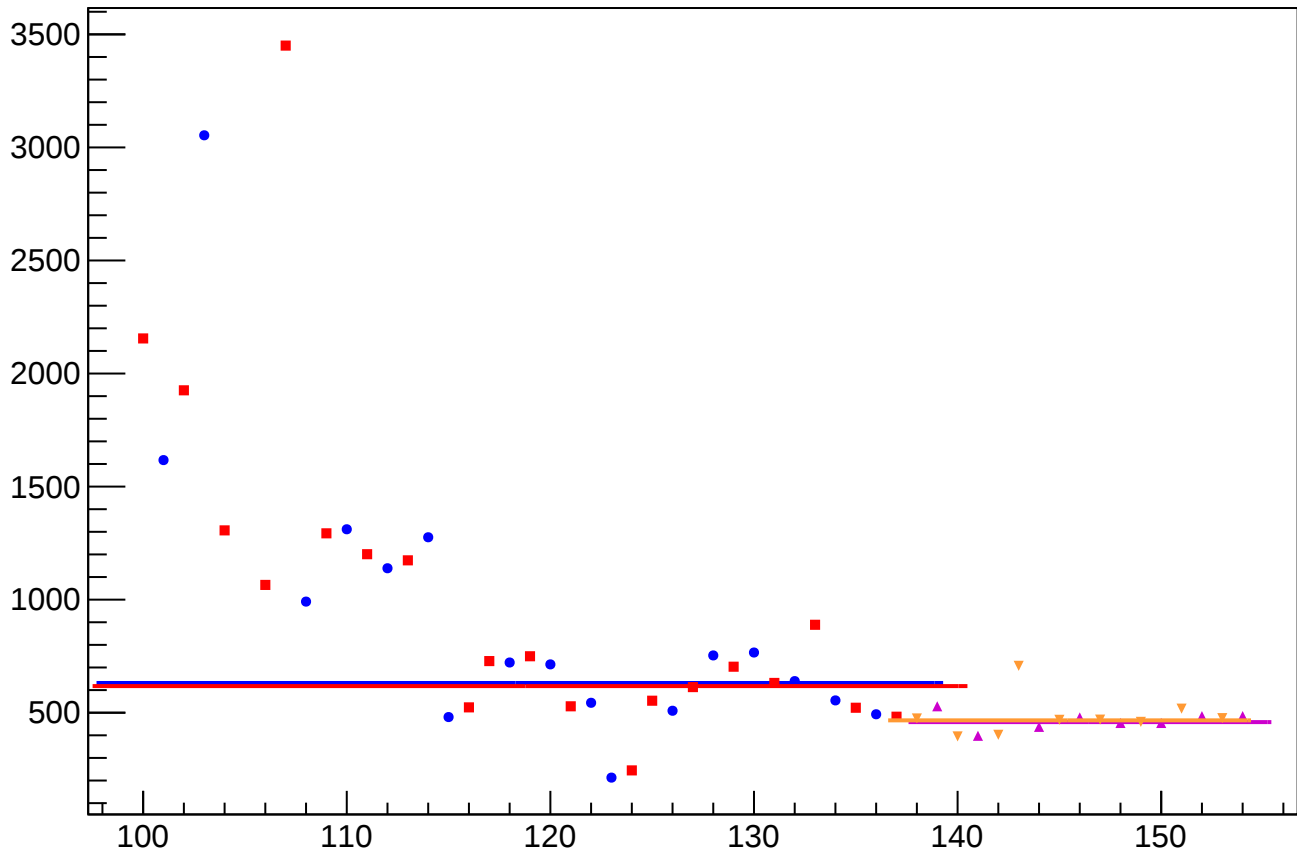
Right Out: 379.833 ± 265.331 χ^2/NDF : 16.3/19

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

531.661 ± 152.258 χ^2/NDF : 38.1/25

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: 466.149+/-0.130 χ^2/NDF : 243113.9/8

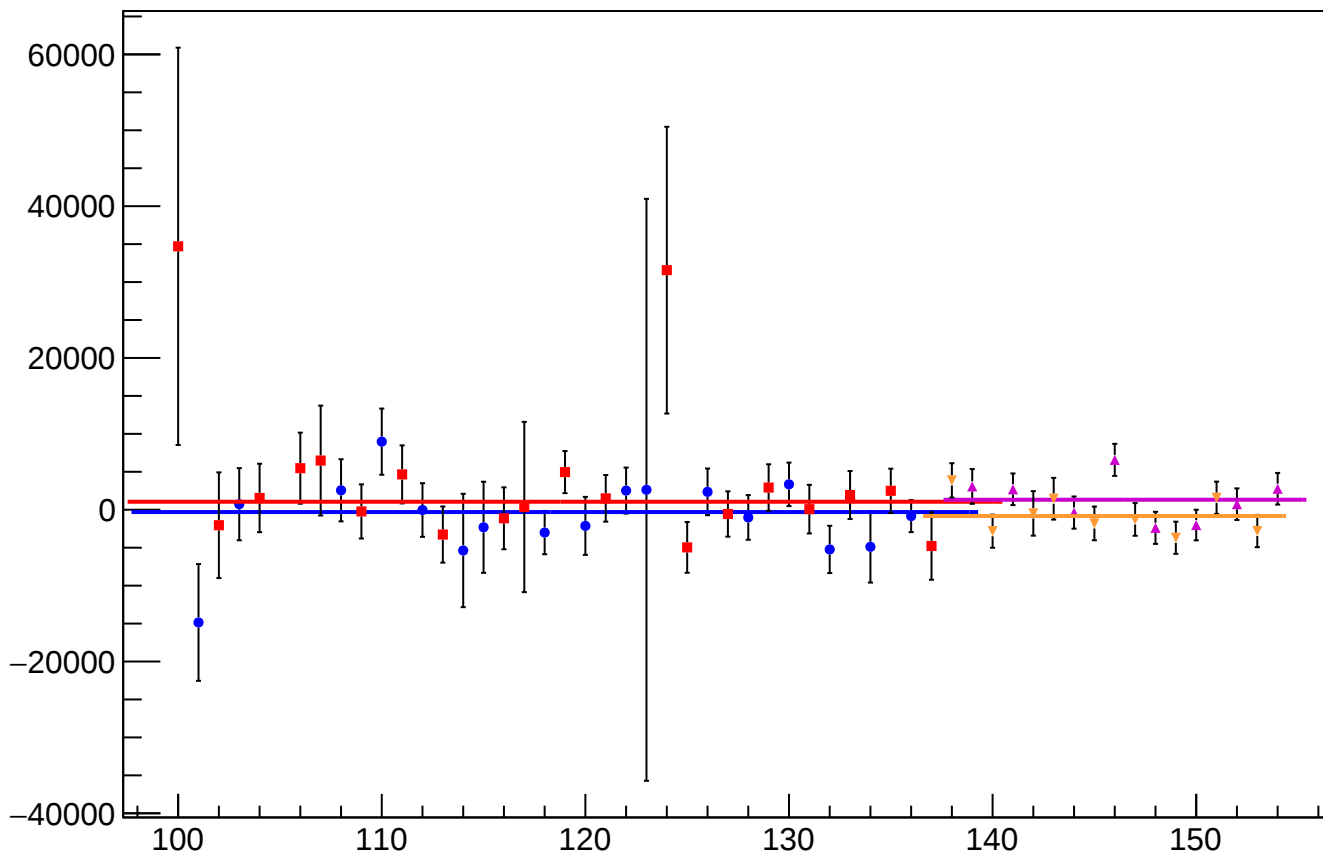
Right Out: 617.675+/-0.188 χ^2/NDF : 2804158.4/19

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

518.659+/-0.108 χ^2/NDF : 3014670.9/25

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: -828.251 ± 758.522 χ^2/NDF : 10.0/8

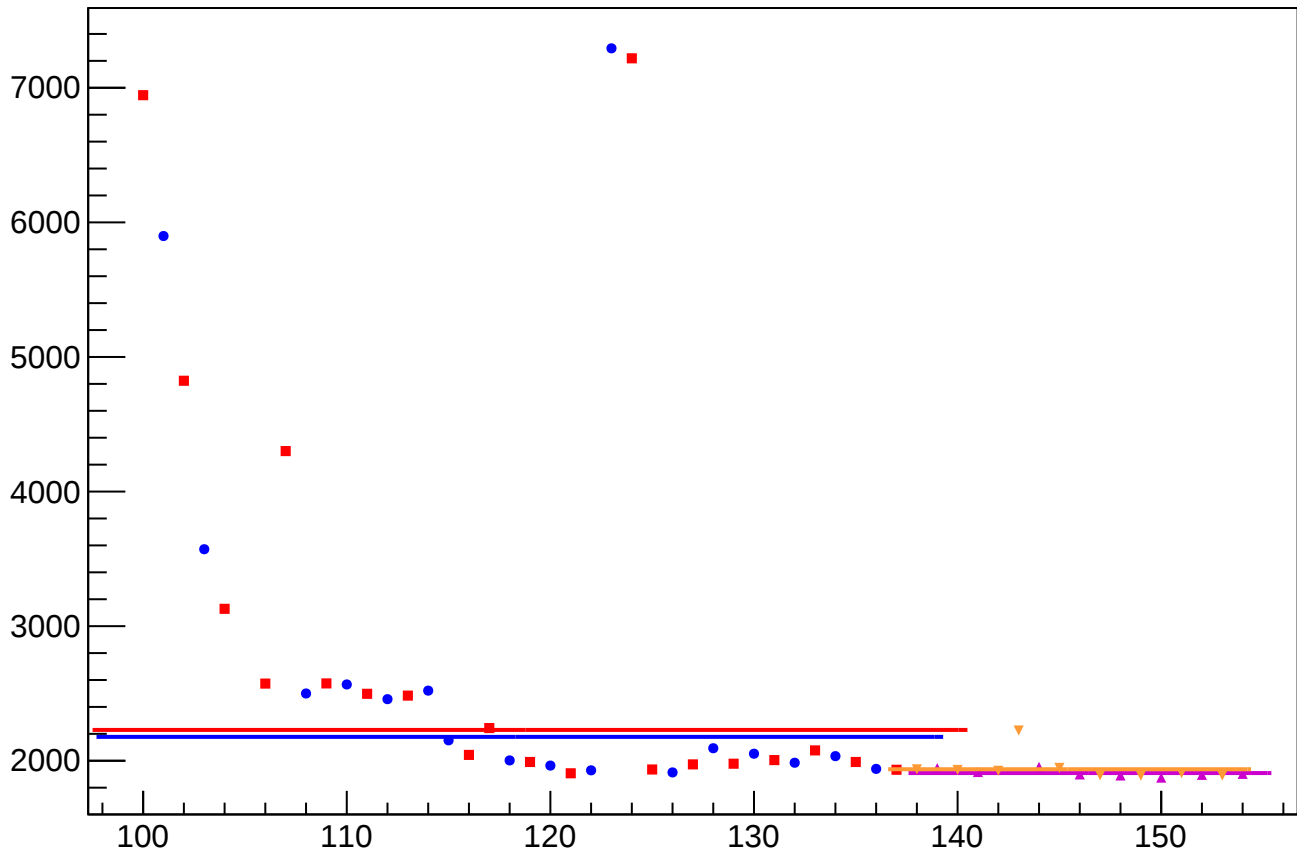
Right Out: 1052.718 ± 864.863 χ^2/NDF : 16.6/19

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

-603.150 ± 572.278 χ^2/NDF : 27.4/25

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: 1937.009+/-0.536 χ^2/NDF : 25267.9/8

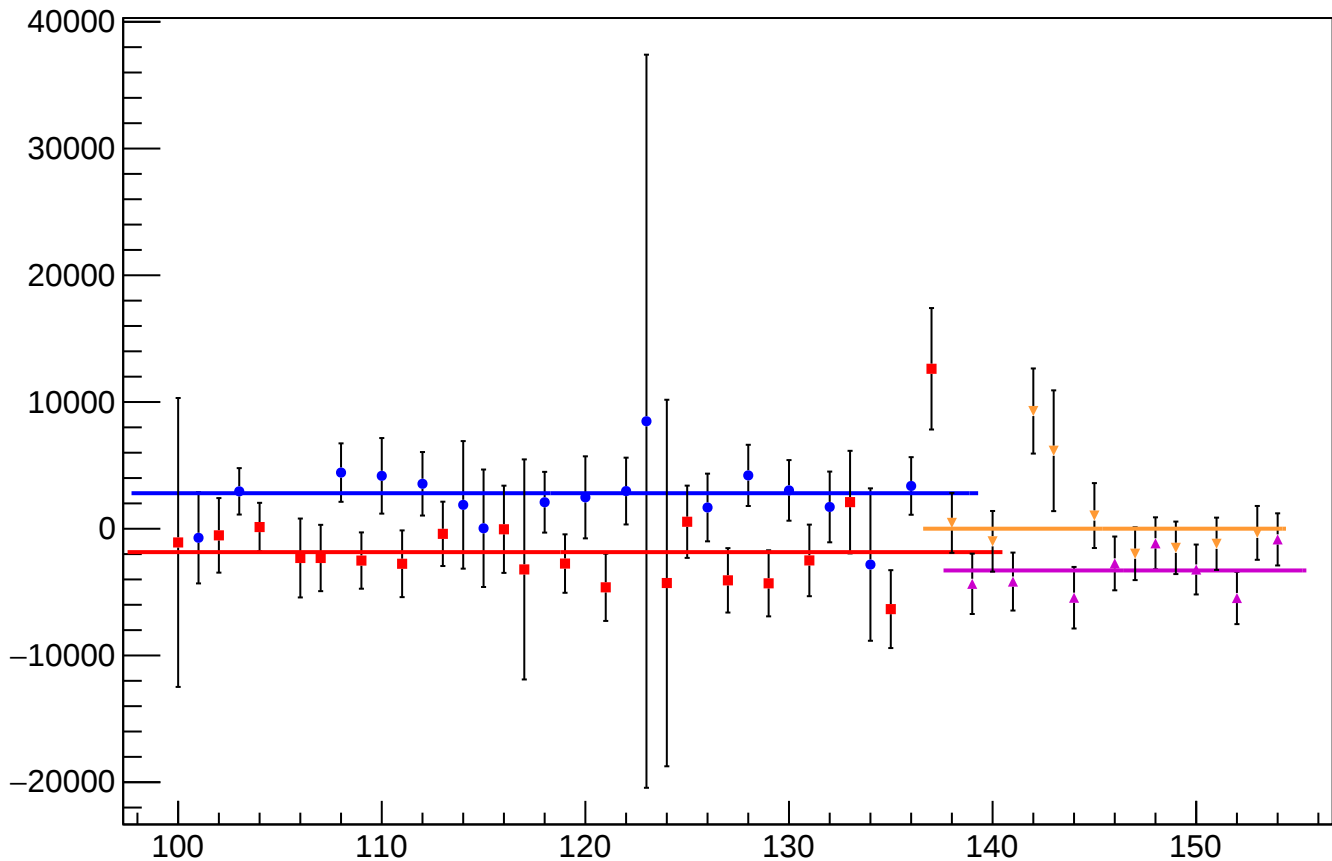
2040.585+/-0.405 χ^2/NDF : 914672.4/25

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

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

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

reg_asym_at2_avg_mean vs Slug



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

Left Out: 4.176 ± 800.948 χ^2/NDF : 11.5/8

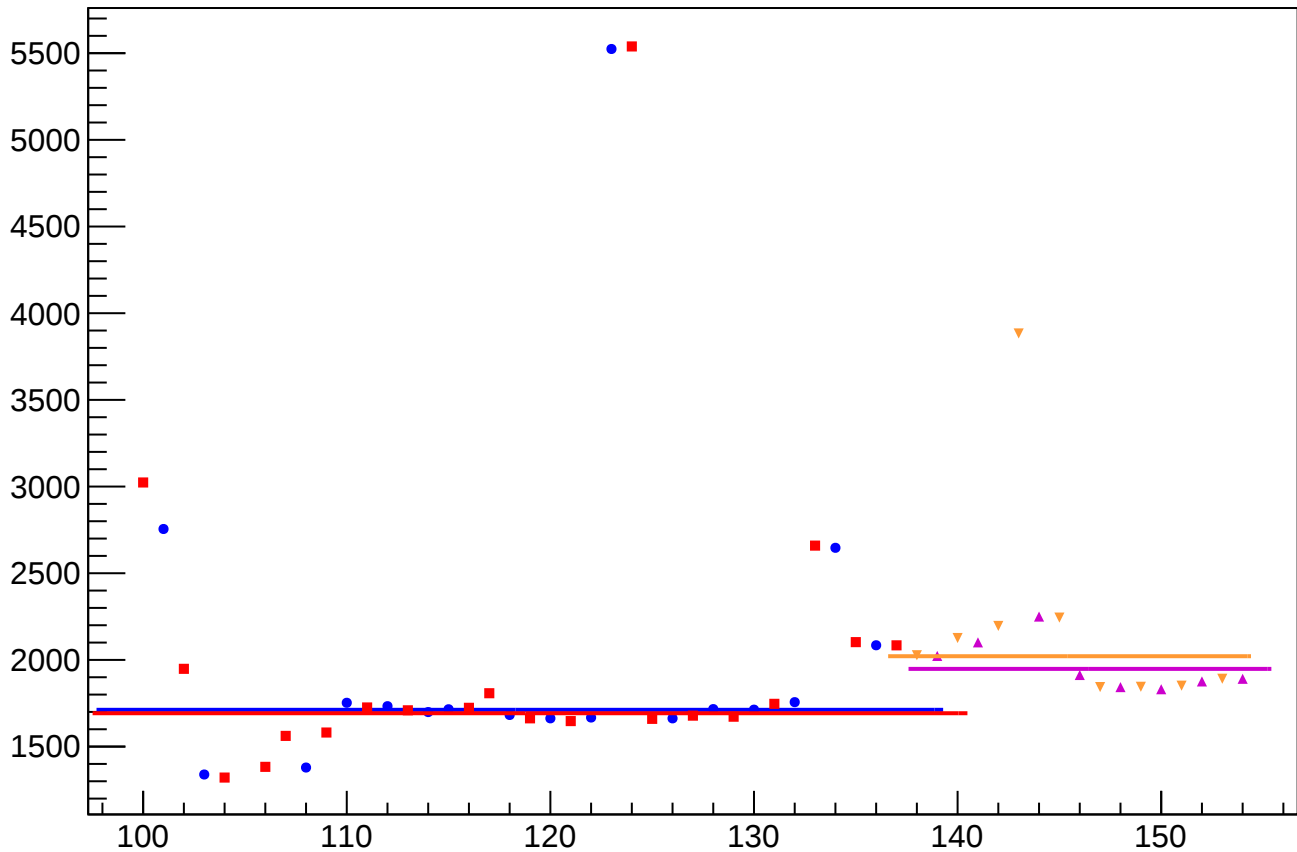
1634.096 ± 517.732 χ^2/NDF : 22.5/25

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

-2458.760 ± 495.747 χ^2/NDF : 25.0/27

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

reg_asym_at2_avg_rms vs Slug



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

Left Out: 2021.313+/-0.566 χ^2/NDF : 379881.8/8

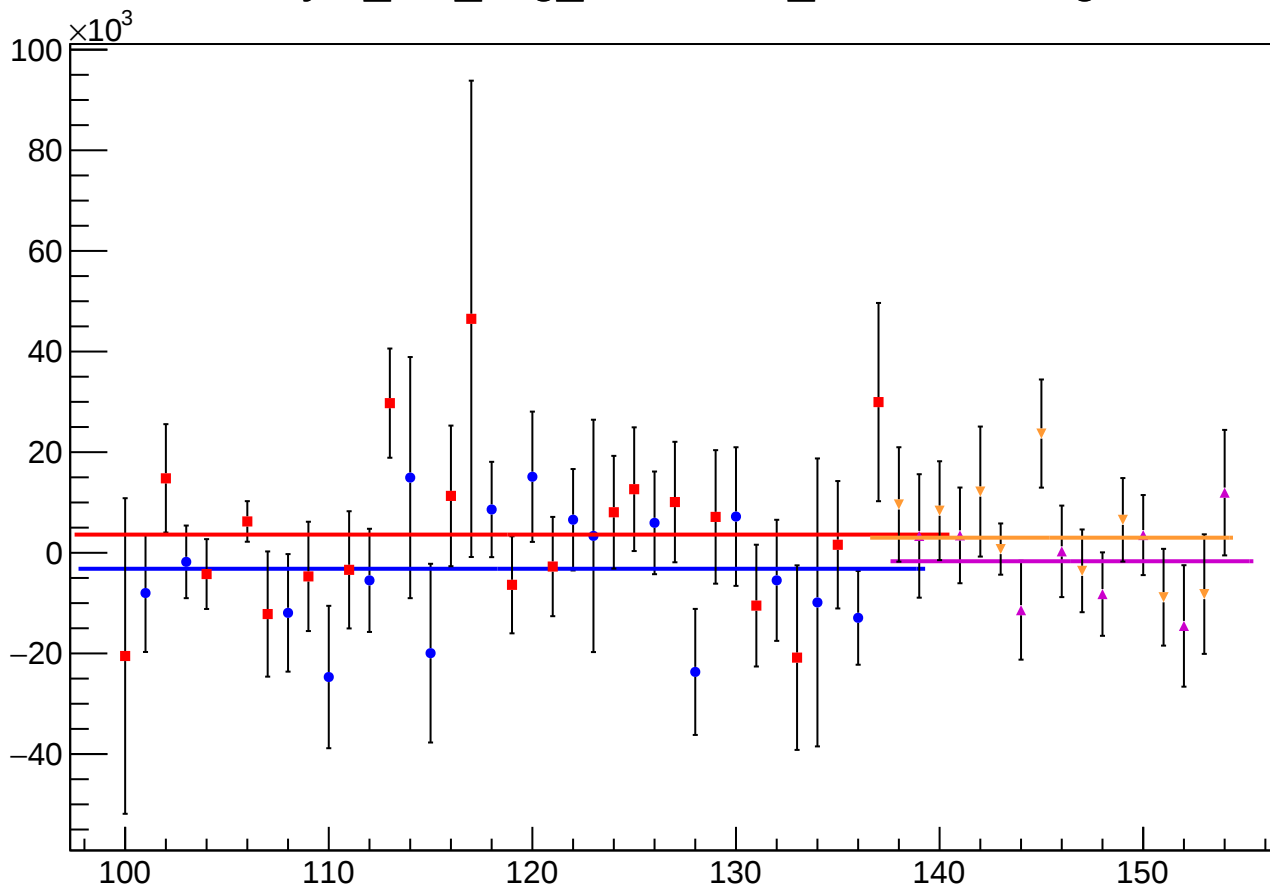
Right Out: 1692.404+/-0.462 χ^2/NDF : 455277.5/19

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

1841.330+/-0.366 χ^2/NDF : 985834.7/25

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: 3004.667 ± 2904.886 $\chi^2/\text{NDF}: 8.3/8$

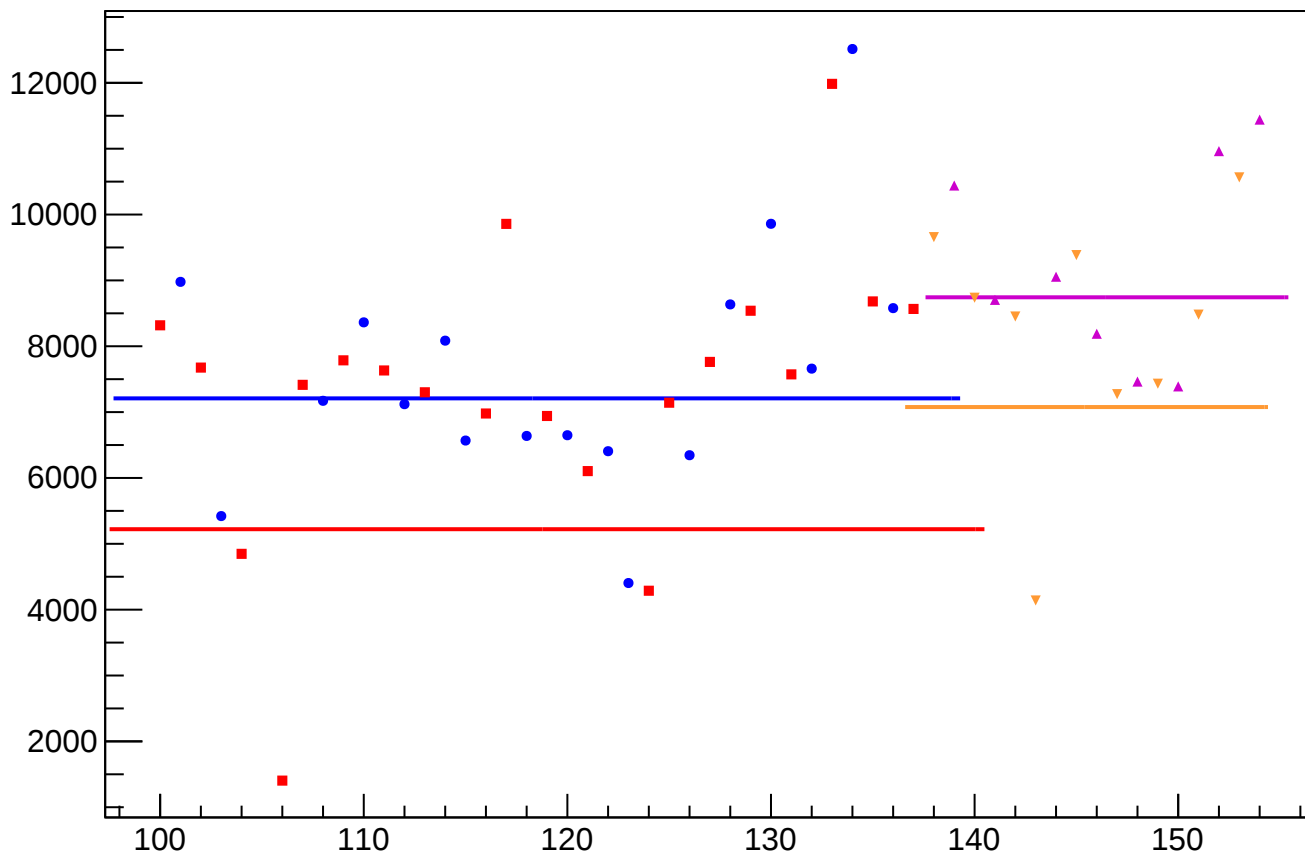
Right Out: 3618.416 ± 2263.938 $\chi^2/\text{NDF}: 20.3/19$

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

-141.058 ± 2035.102 $\chi^2/\text{NDF}: 25.0/25$

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

asym_at2_avg_correction_rms vs Slug



Right In: 7208.567 $\pm$ 2.017 χ^2 /NDF: 469302.0/16

Left Out: 7076.704 $\pm$ 2.054 χ^2 /NDF: 1160191.6/8

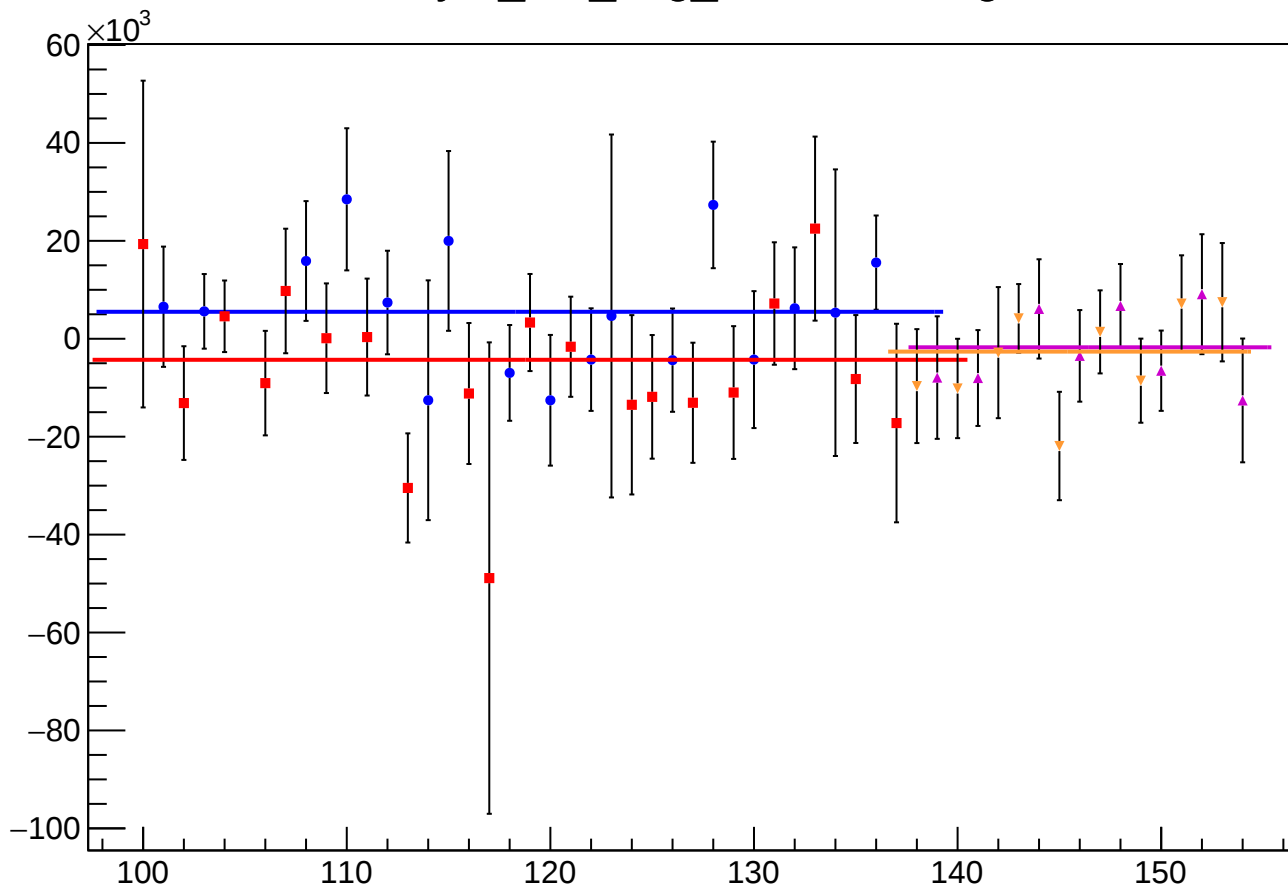
Right Out: 5221.816 $\pm$ 1.601 χ^2 /NDF: 3216100.5/19

Left In: 8743.346 $\pm$ 2.443 χ^2 /NDF: 314445.9/7

7143.848 $\pm$ 1.439 χ^2 /NDF: 1631592.1/25

6279.603 $\pm$ 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: -2623.106 $\pm$ 3230.961 χ^2 /NDF: 7.3/8

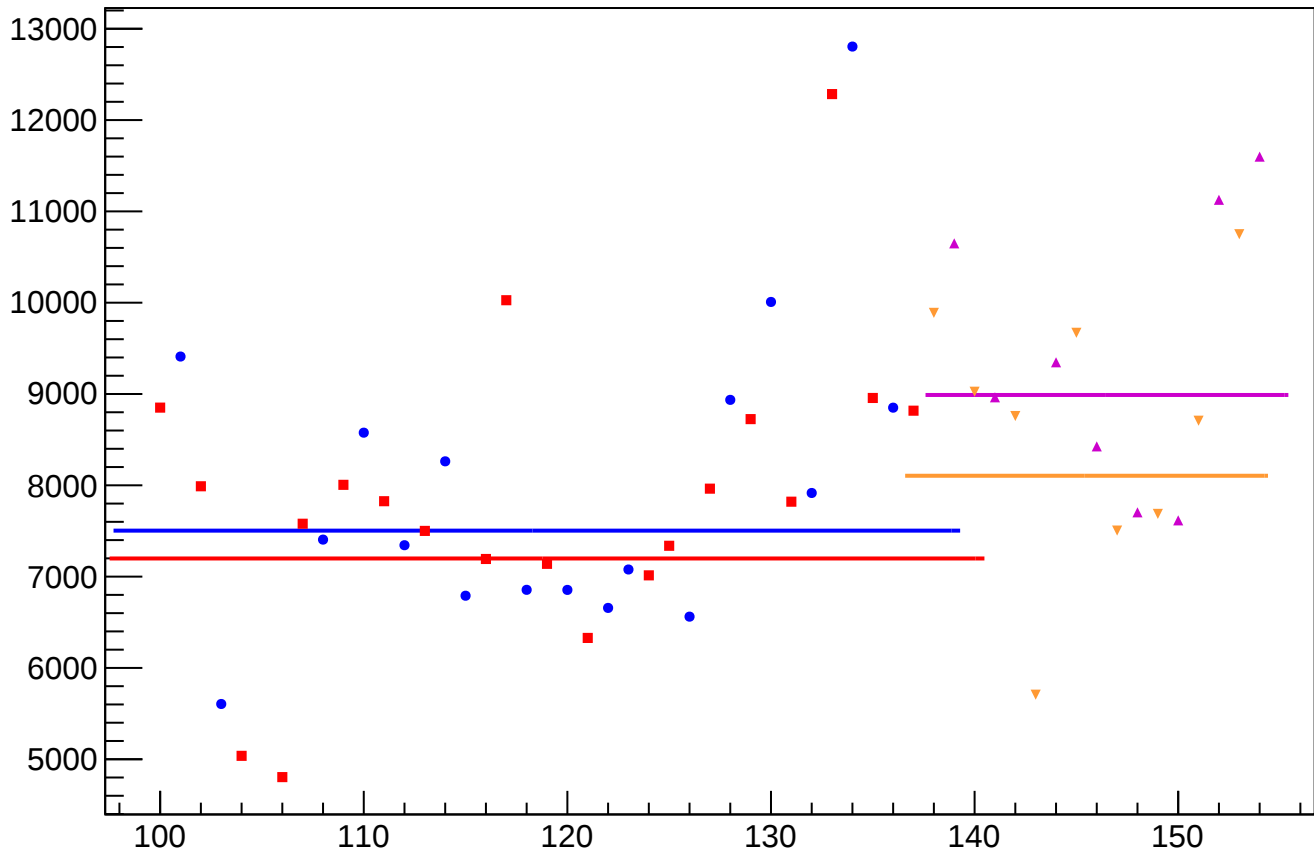
Right Out: -4295.824 $\pm$ 2785.538 χ^2 /NDF: 16.3/19

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

1783.383 $\pm$ 2186.965 χ^2 /NDF: 24.8/25

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

asym_at2_avg_rms vs Slug



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

Left Out: 8104.656+/-2.285 χ^2/NDF : 460528.3/8

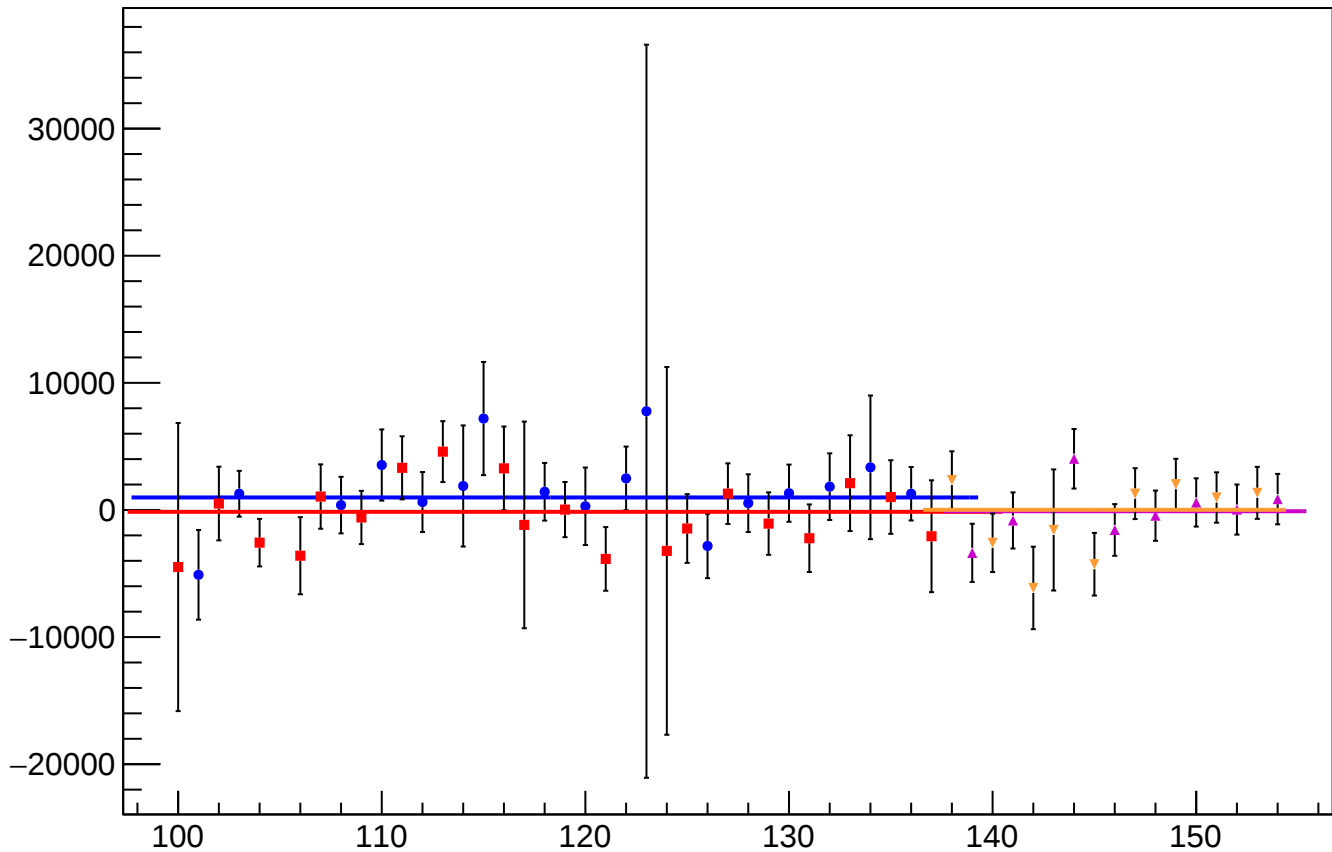
Right Out: 7198.728+/-1.969 χ^2/NDF : 564629.1/19

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

7779.010+/-1.546 χ^2/NDF : 925337.3/25

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: 11.032+/-770.897 χ^2/NDF : 11.2/8

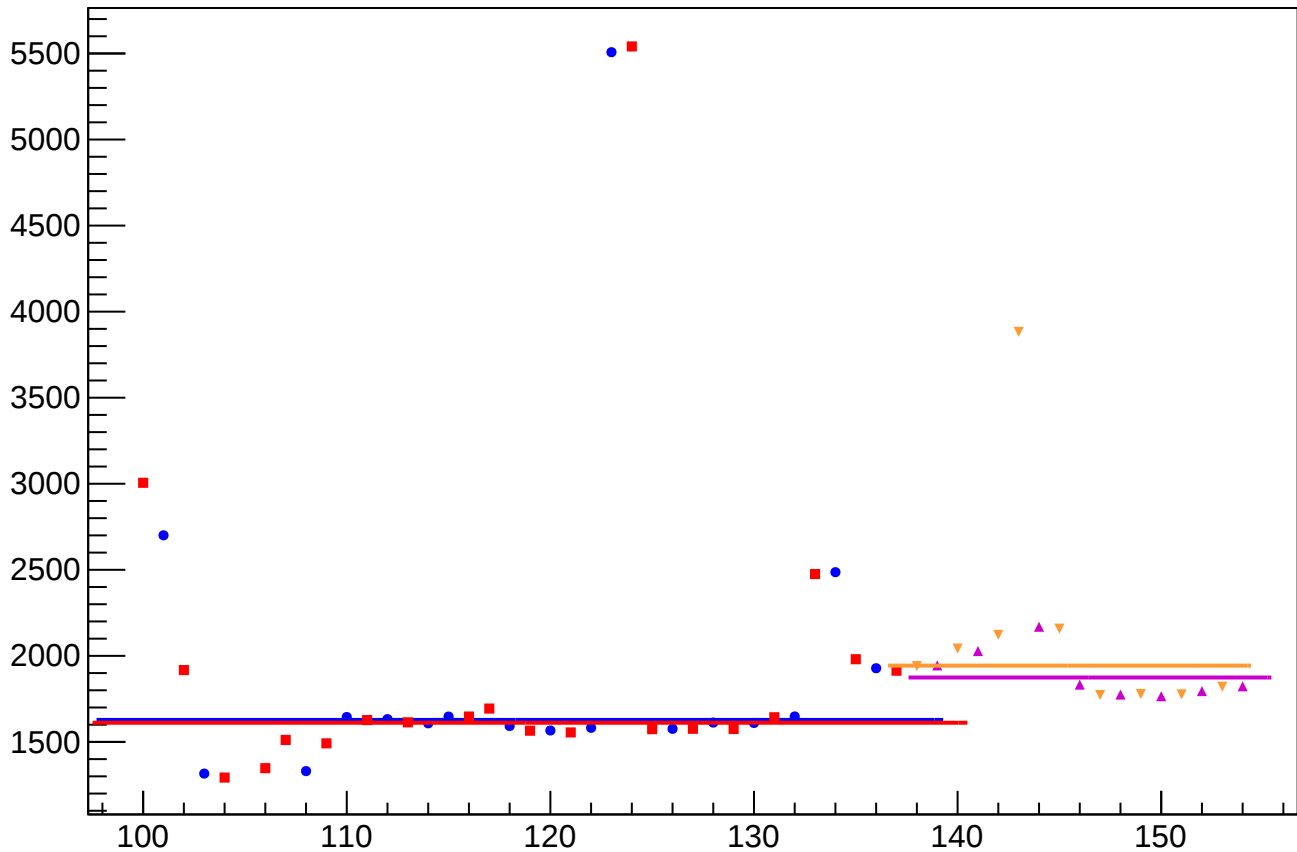
Right Out: -144.683+/-621.728 χ^2/NDF : 14.7/19

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

584.475+/-494.519 χ^2/NDF : 21.1/25

-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: 1943.281+/-0.545 χ^2/NDF : 405935.0/8

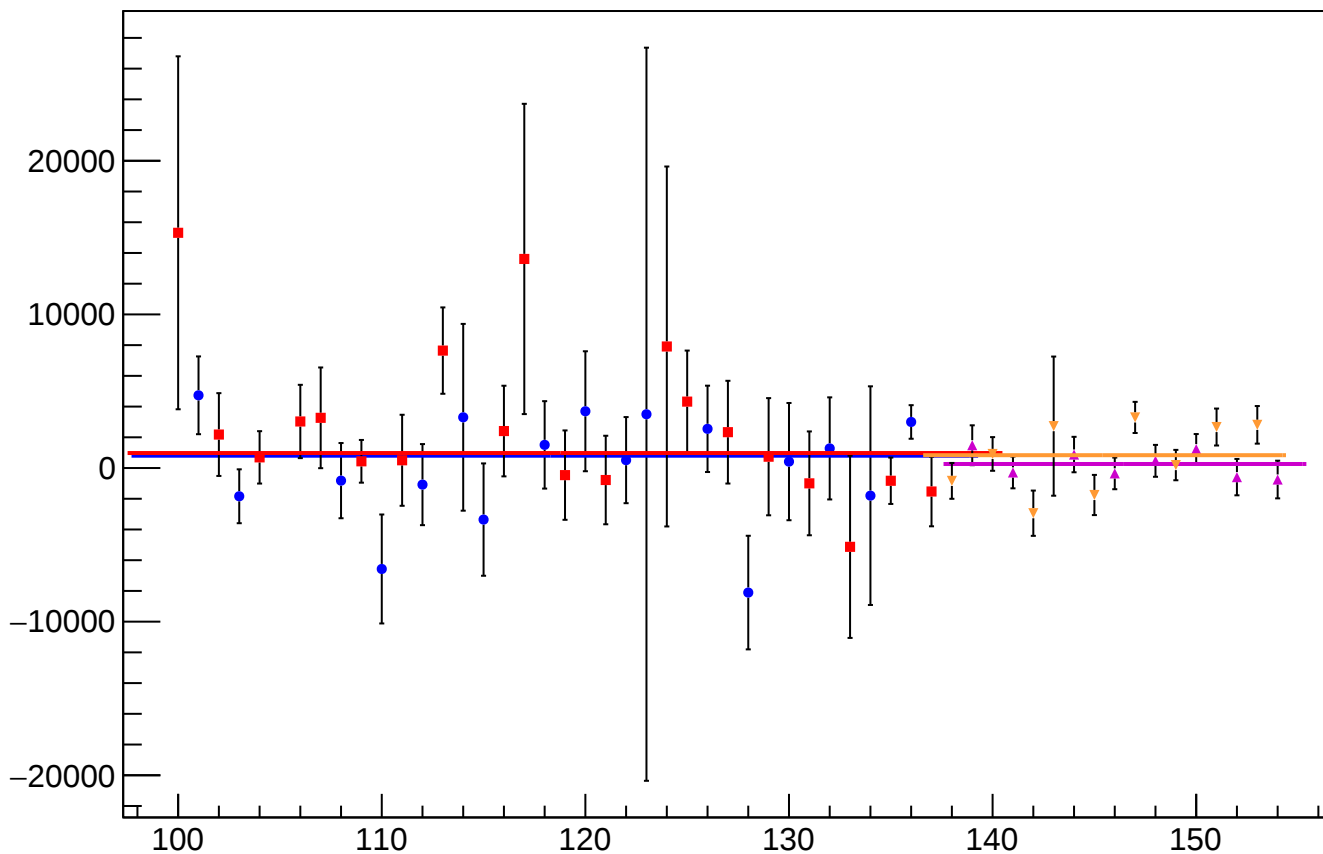
Right Out: 1611.433+/-0.440 χ^2/NDF : 434167.6/19

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

1757.642+/-0.350 χ^2/NDF : 1010115.5/25

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: 835.721+/-407.716 χ^2/NDF : 24.0/8

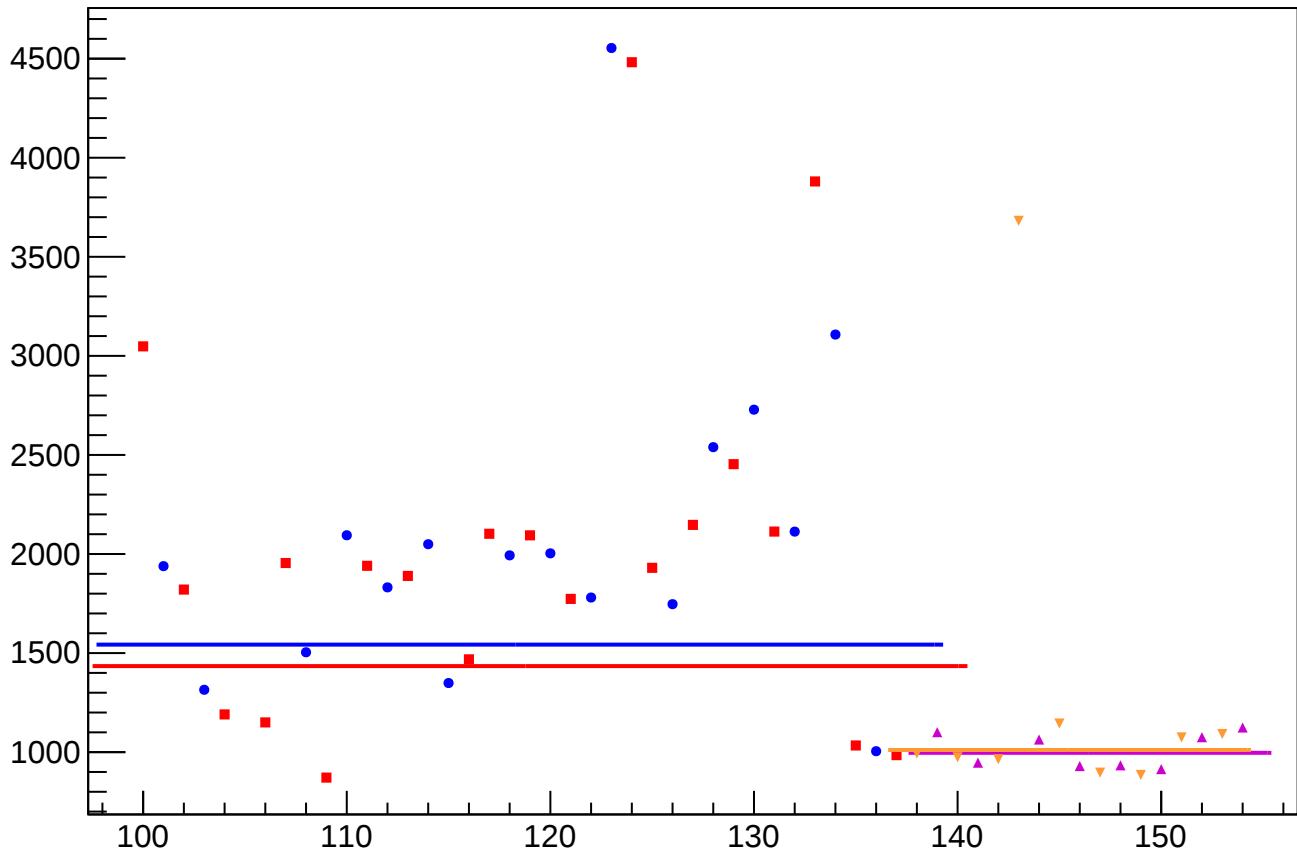
Right Out: 976.725+/-588.724 χ^2/NDF : 16.8/19

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

826.112+/-342.557 χ^2/NDF : 46.4/25

480.839+/-325.374 χ^2/NDF : 21.9/27

asym_at2_dd_correction_rms vs Slug



Right In: 1542.705 $\pm$ 0.447 χ^2 /NDF: 1287946.3/16

Left Out: 1010.985 $\pm$ 0.288 χ^2 /NDF: 793088.8/8

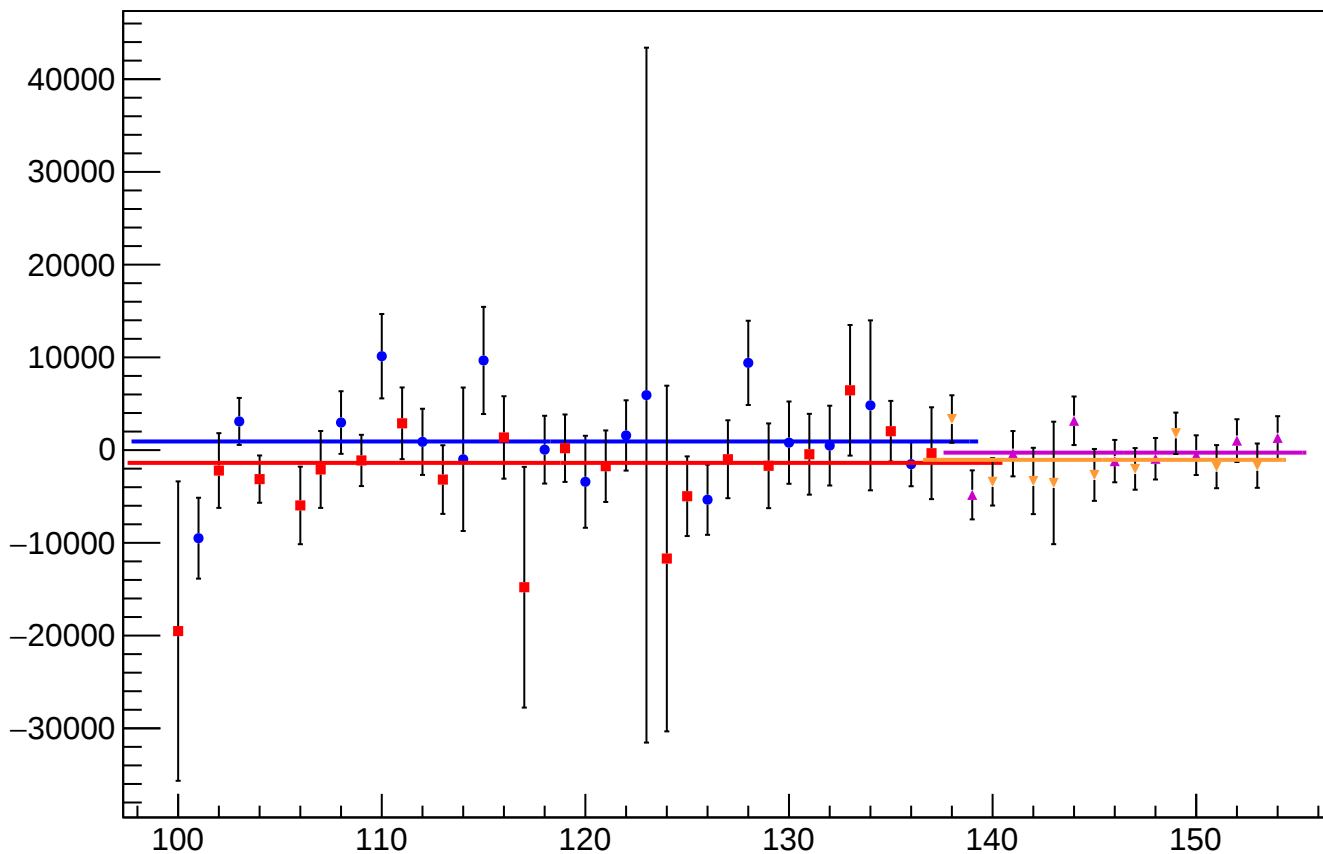
1167.358 $\pm$ 0.242 χ^2 /NDF: 3081398.8/25

Right Out: 1434.290 $\pm$ 0.416 χ^2 /NDF: 1832587.0/19

1130.366 $\pm$ 0.230 χ^2 /NDF: 2684691.8/27

Left In: 996.704 $\pm$ 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: -1049.306+/-879.229 χ^2/NDF : 6.7/8

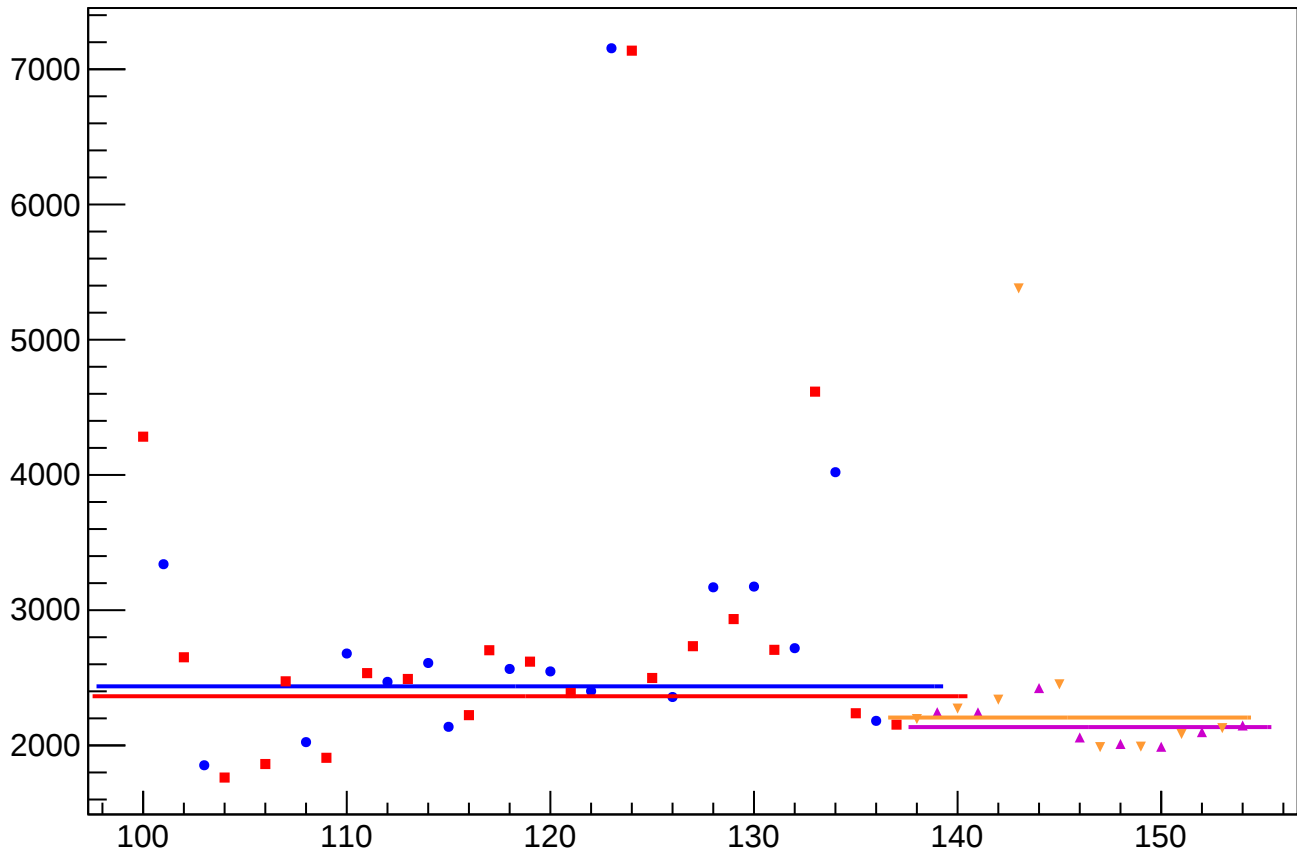
Right Out: -1375.966+/-923.072 χ^2/NDF : 9.6/19

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

-153.218+/-650.817 χ^2/NDF : 30.6/25

-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: 2206.134+/-0.622 χ^2/NDF : 526609.8/8

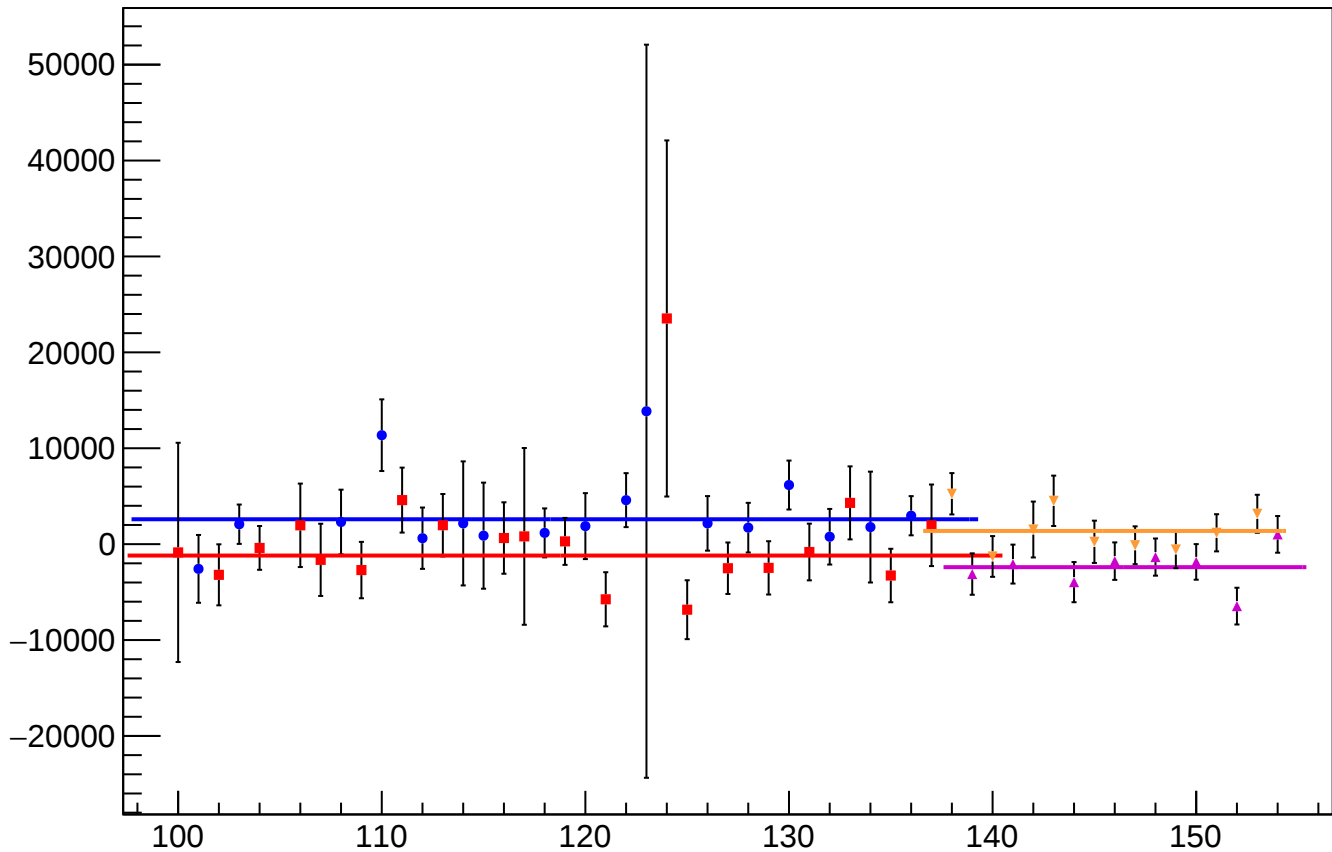
Right Out: 2363.609+/-0.653 χ^2/NDF : 657228.5/19

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

2310.439+/-0.460 χ^2/NDF : 1057901.9/25

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: 1376.680+/-716.691 χ^2/NDF : 8.9/8

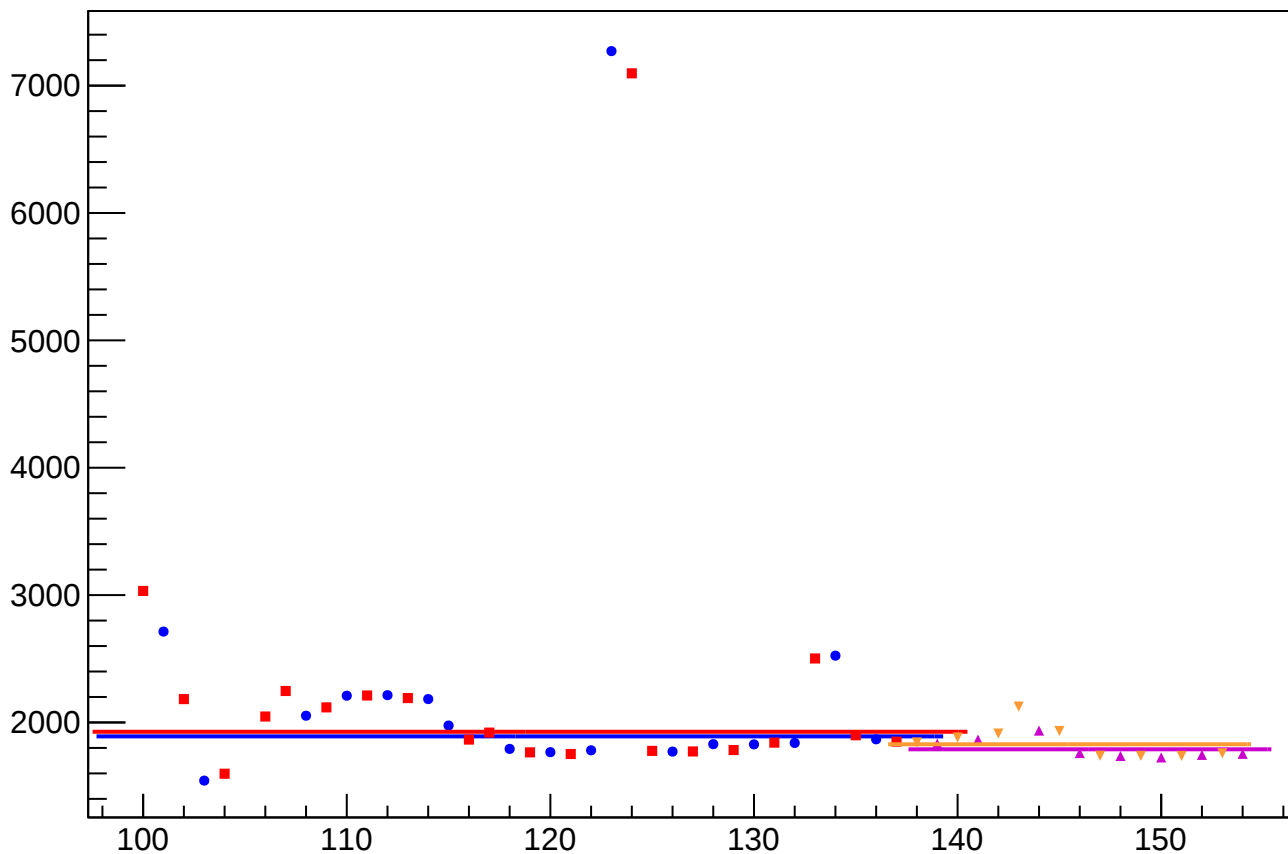
Right Out: -1189.680+/-737.247 χ^2/NDF : 17.3/19

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

1963.736+/-515.827 χ^2/NDF : 21.9/25

-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: 1828.665+/-0.507 χ^2/NDF : 48348.2/8

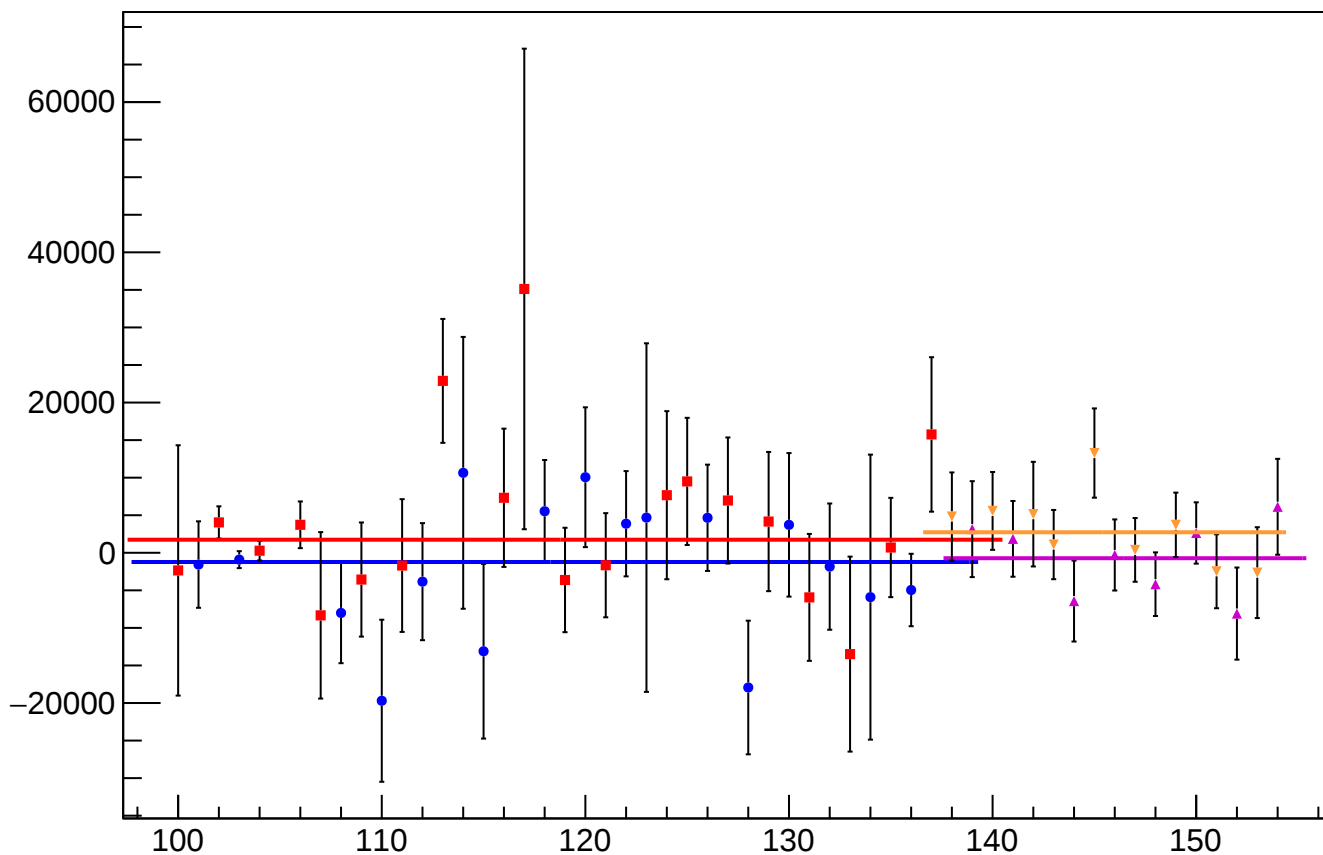
Right Out: 1926.906+/-0.520 χ^2/NDF : 362255.6/19

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

1858.575+/-0.365 χ^2/NDF : 344520.3/25

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: 2731.393 ± 1712.827 χ^2/NDF : 6.1/8

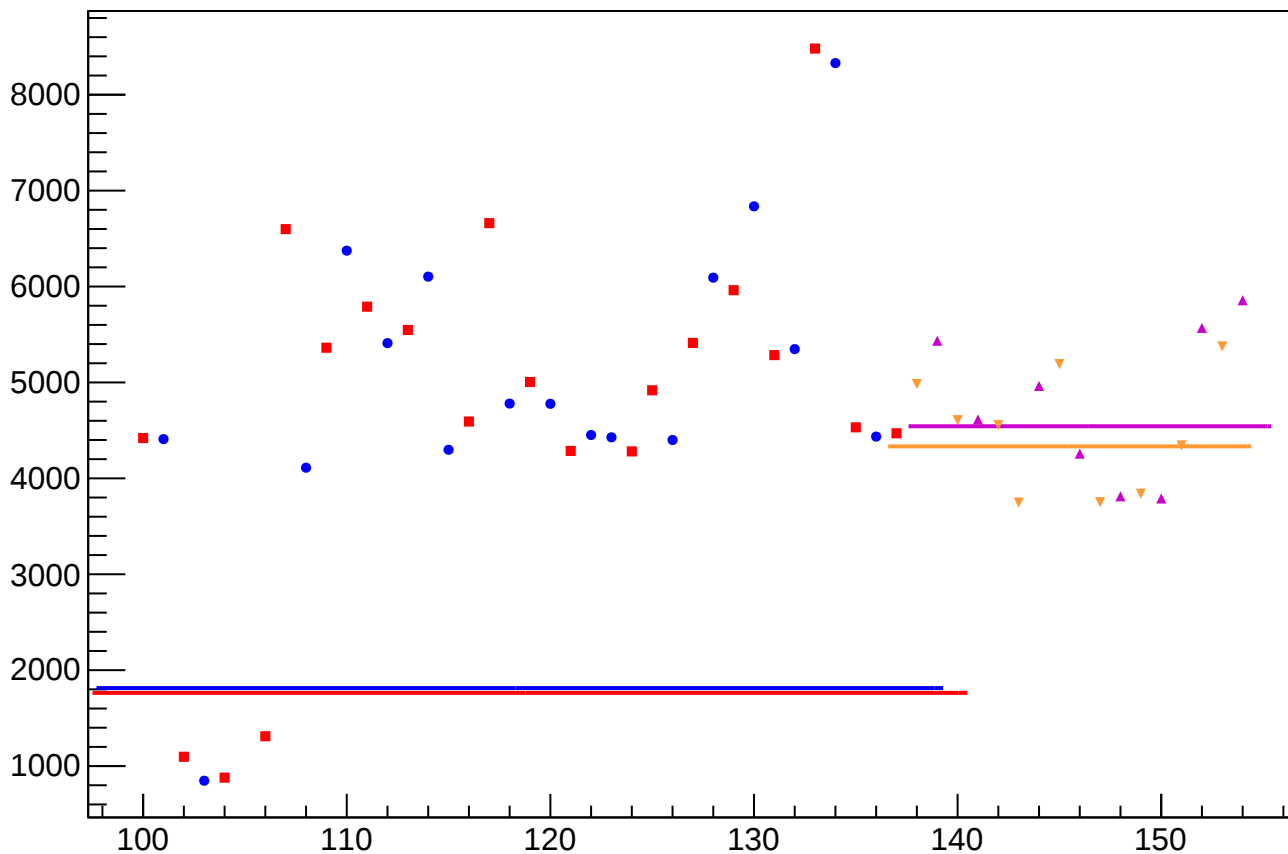
Right Out: 1740.671 ± 941.173 χ^2/NDF : 18.9/19

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

-243.790 ± 853.617 χ^2/NDF : 23.9/25

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: 4333.570+/-1.211 χ^2/NDF : 229772.5/8

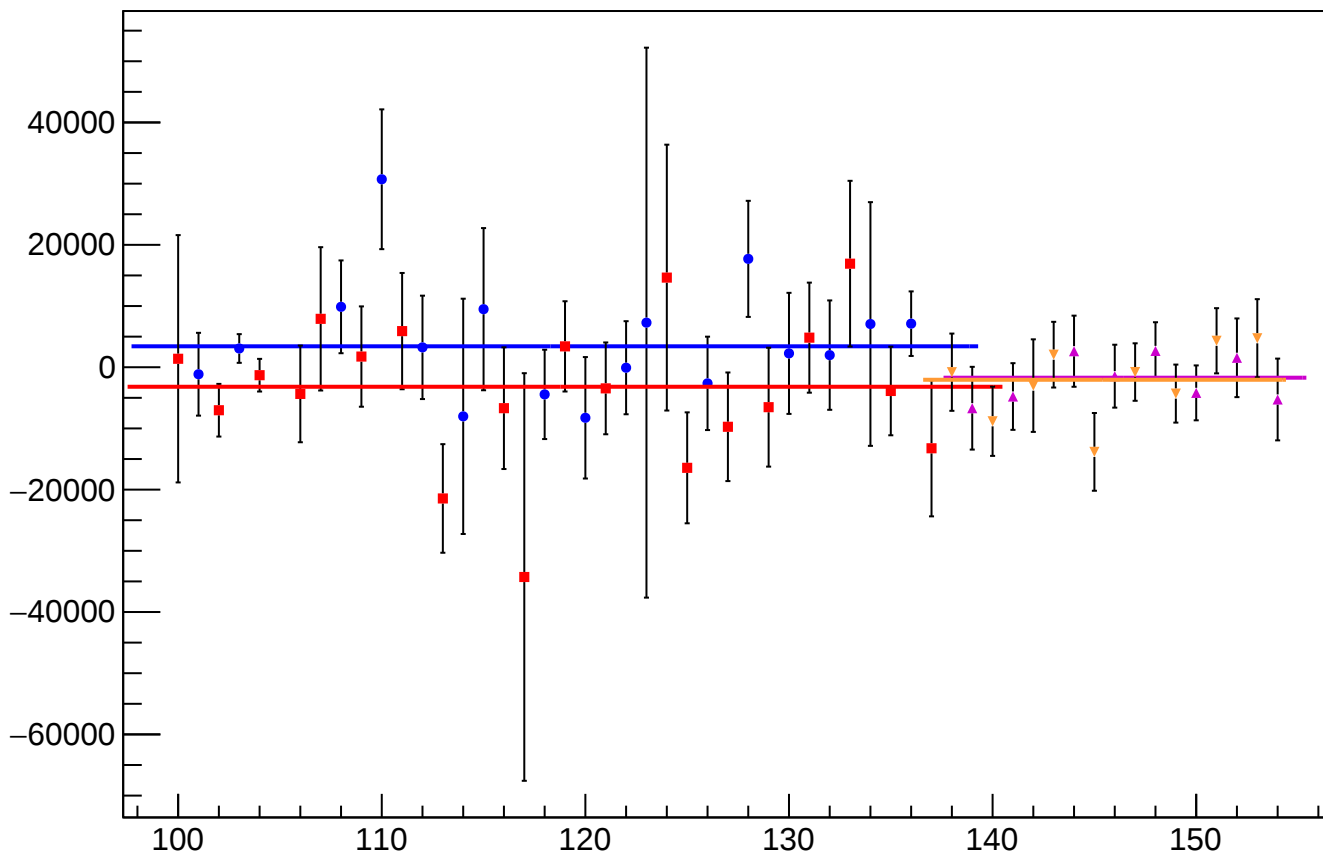
Right Out: 1763.378+/-0.666 χ^2/NDF : 6359993.8/19

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

2439.181+/-0.604 χ^2/NDF : 9933705.6/25

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: -2048.471+/-1880.131 χ^2/NDF : 8.4/8

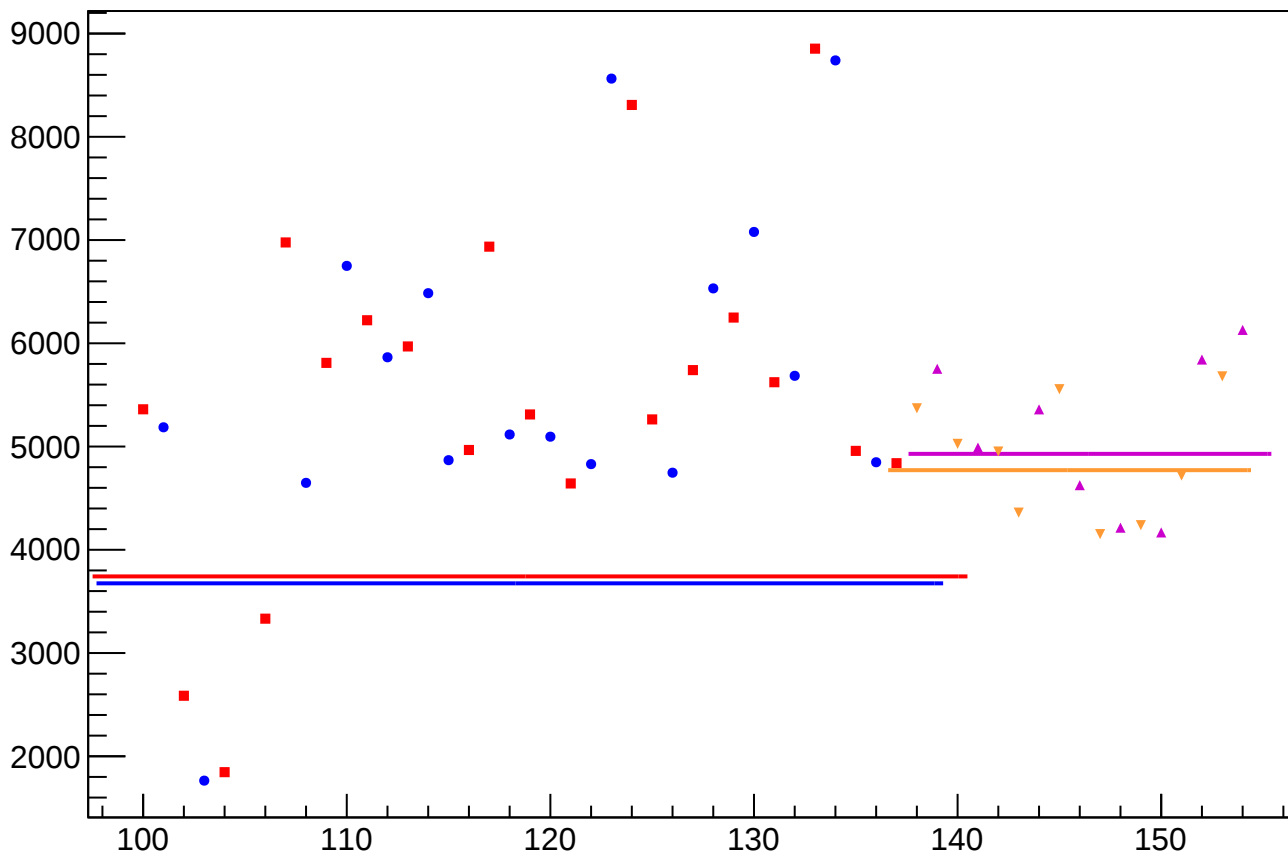
Right Out: -3190.143+/-1604.066 χ^2/NDF : 16.9/19

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

1112.738+/-1221.440 χ^2/NDF : 27.0/25

-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: 4771.134+/-1.329 χ^2/NDF :166131.0/8

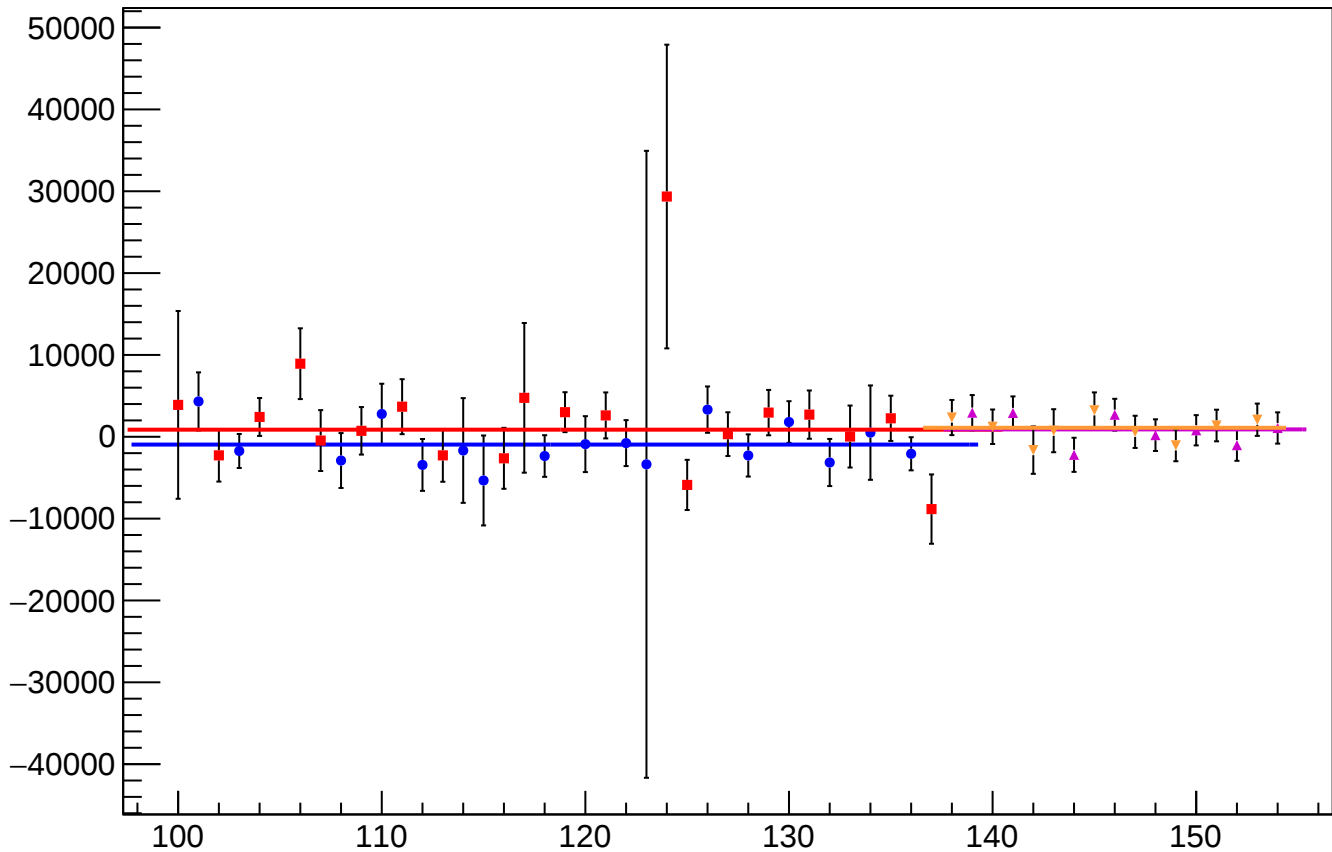
Right Out: 3742.124+/-1.127 χ^2/NDF : 2712365.3/19

Left In: 4929.131+/-1.374 χ^2/NDF :256951.6/7

4137.630+/-0.864 χ^2/NDF : 3334102.2/25

4219.342+/-0.871 χ^2/NDF : 3415516.2/27

reg_asym_atl1r2_dd_mean vs Slug



Right In: -951.377 ± 740.668 χ^2/NDF : 10.0/16

Left Out: 1099.411 ± 713.998 χ^2/NDF : 3.7/8

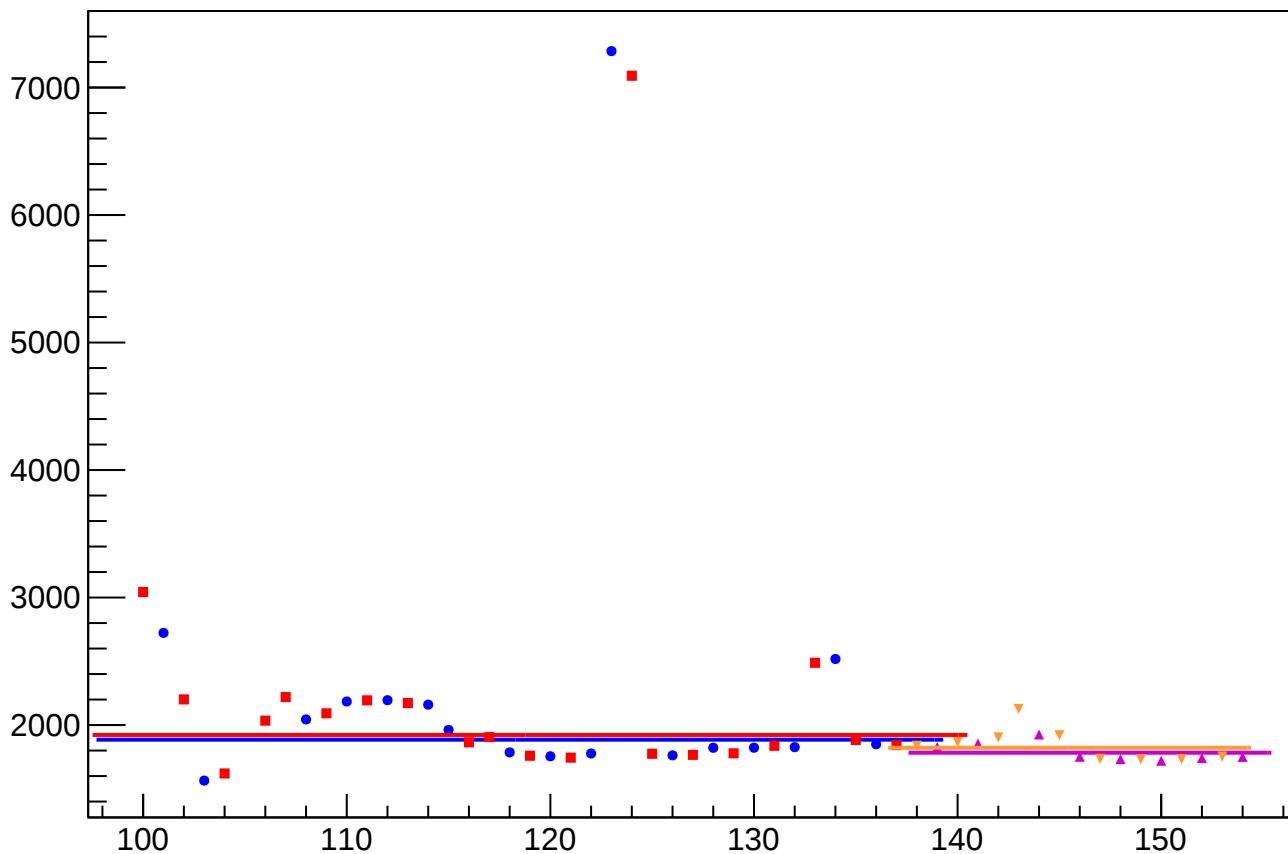
Right Out: 868.810 ± 735.140 χ^2/NDF : 22.7/19

Left In: 900.881 ± 696.104 χ^2/NDF : 6.1/7

111.604 ± 514.043 χ^2/NDF : 17.7/25

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: 1821.799+/-0.505 χ^2/NDF : 48303.8/8

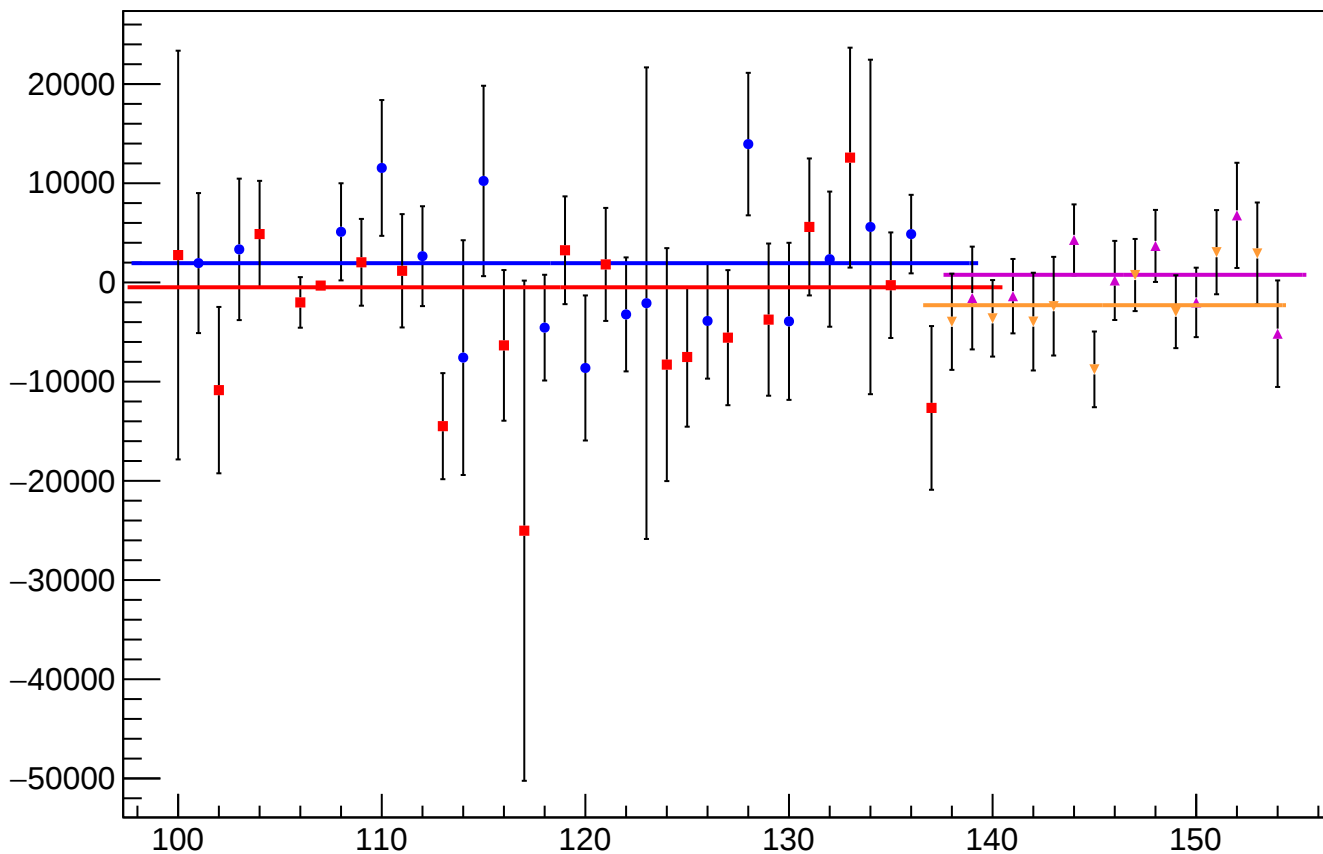
Right Out: 1922.430+/-0.519 χ^2/NDF : 351518.8/19

Left In: 1783.056+/-0.492 χ^2/NDF : 18556.4/7

1852.414+/-0.363 χ^2/NDF : 336367.2/25

1849.052+/-0.357 χ^2/NDF : 408039.9/27

asym_atl1r2_dd_correction_mean vs Slug



Right In: 1943.178 $\pm$ 1581.060 χ^2/NDF : 13.2/16

Left Out: -2293.095 $\pm$ 1409.679 χ^2/NDF : 6.6/8

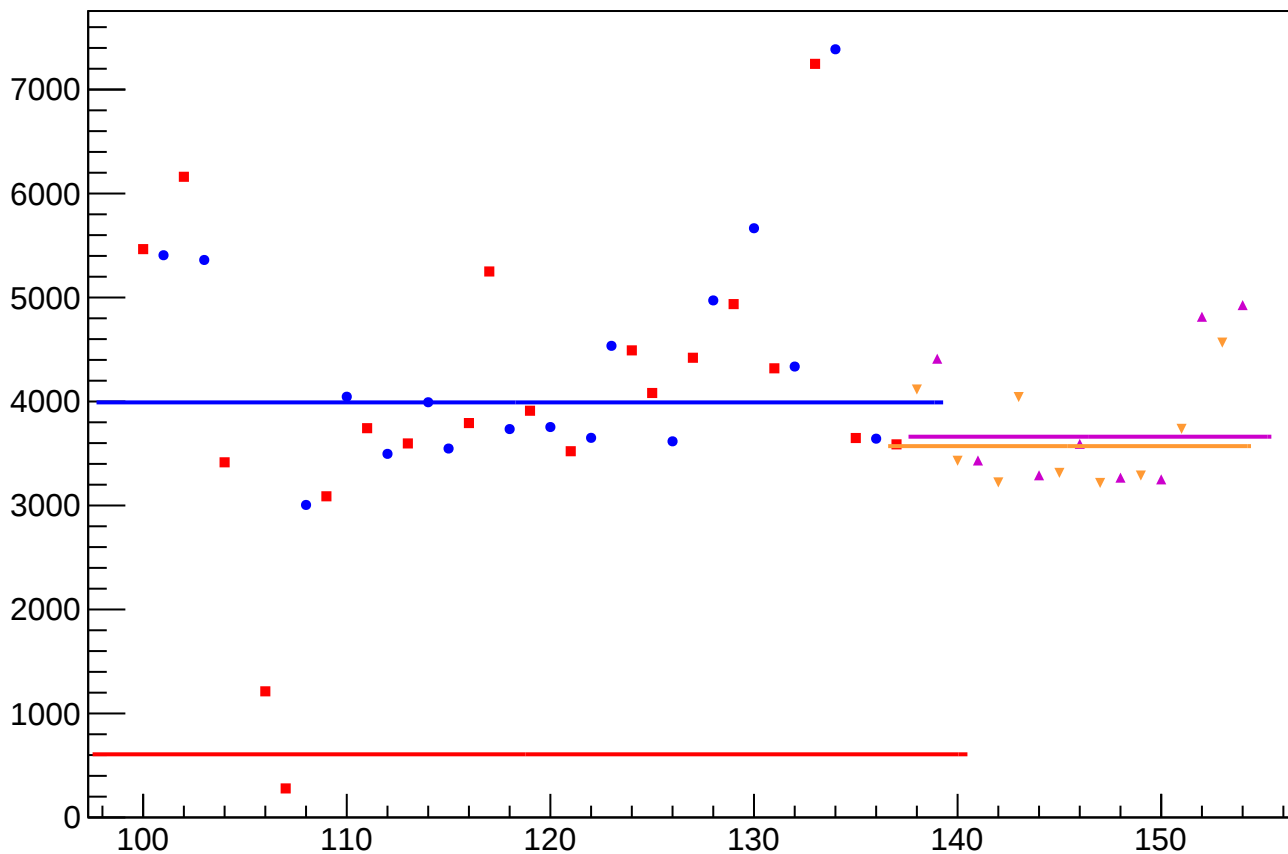
Right Out: -486.774 $\pm$ 453.611 χ^2/NDF : 19.0/19

Left In: 770.297 $\pm$ 1447.840 χ^2/NDF : 5.3/7

-416.919 $\pm$ 1052.188 χ^2/NDF : 23.8/25

-374.412 $\pm$ 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: 3570.831 ± 0.997 χ^2/NDF : 174064.9/8

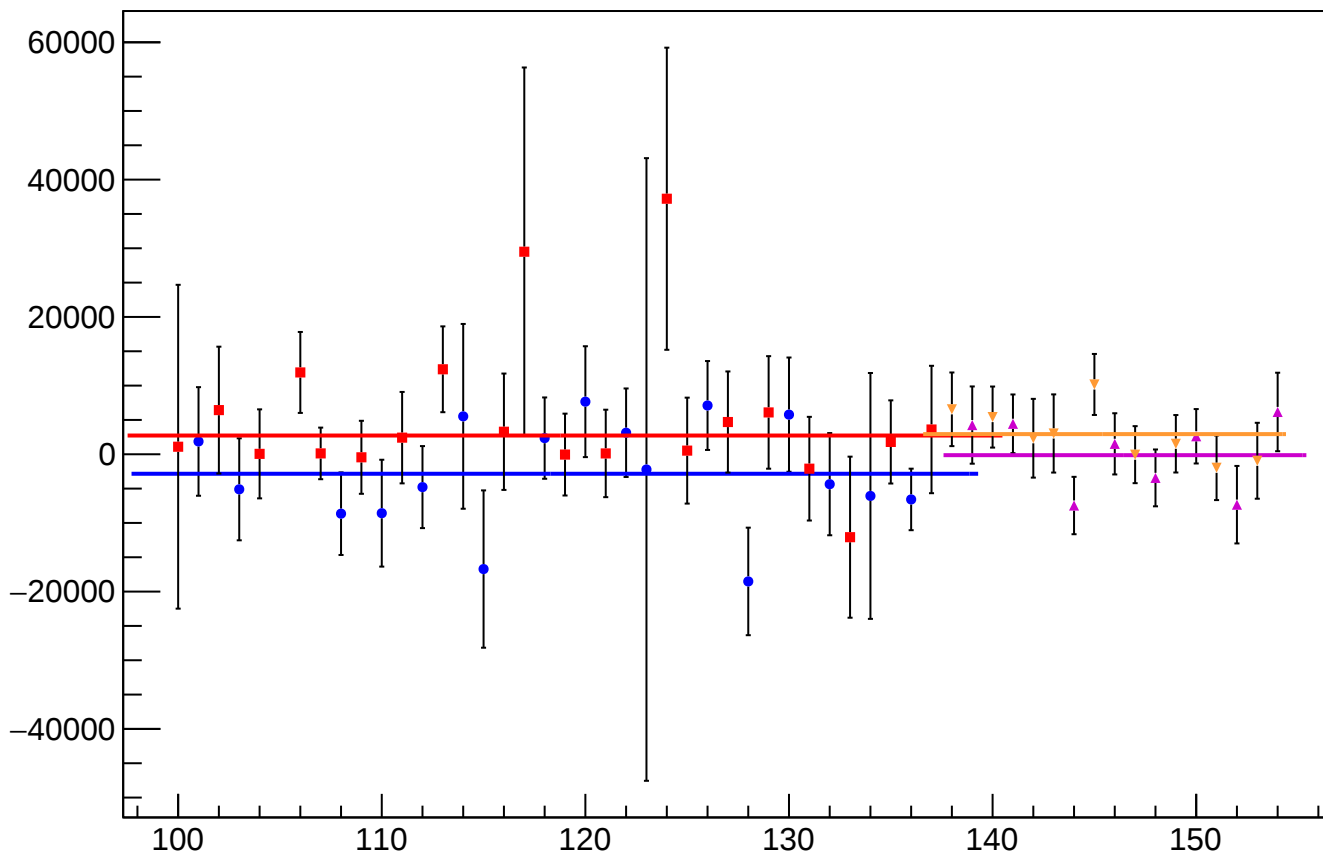
Right Out: 607.234 ± 0.321 χ^2/NDF : 10314440.1/19

Left In: 3661.542 ± 1.024 χ^2/NDF : 328186.3/7

3757.101 ± 0.744 χ^2/NDF : 763695.0/25

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: 2935.076 $\pm$ 1600.870 χ^2 /NDF: 5.6/8

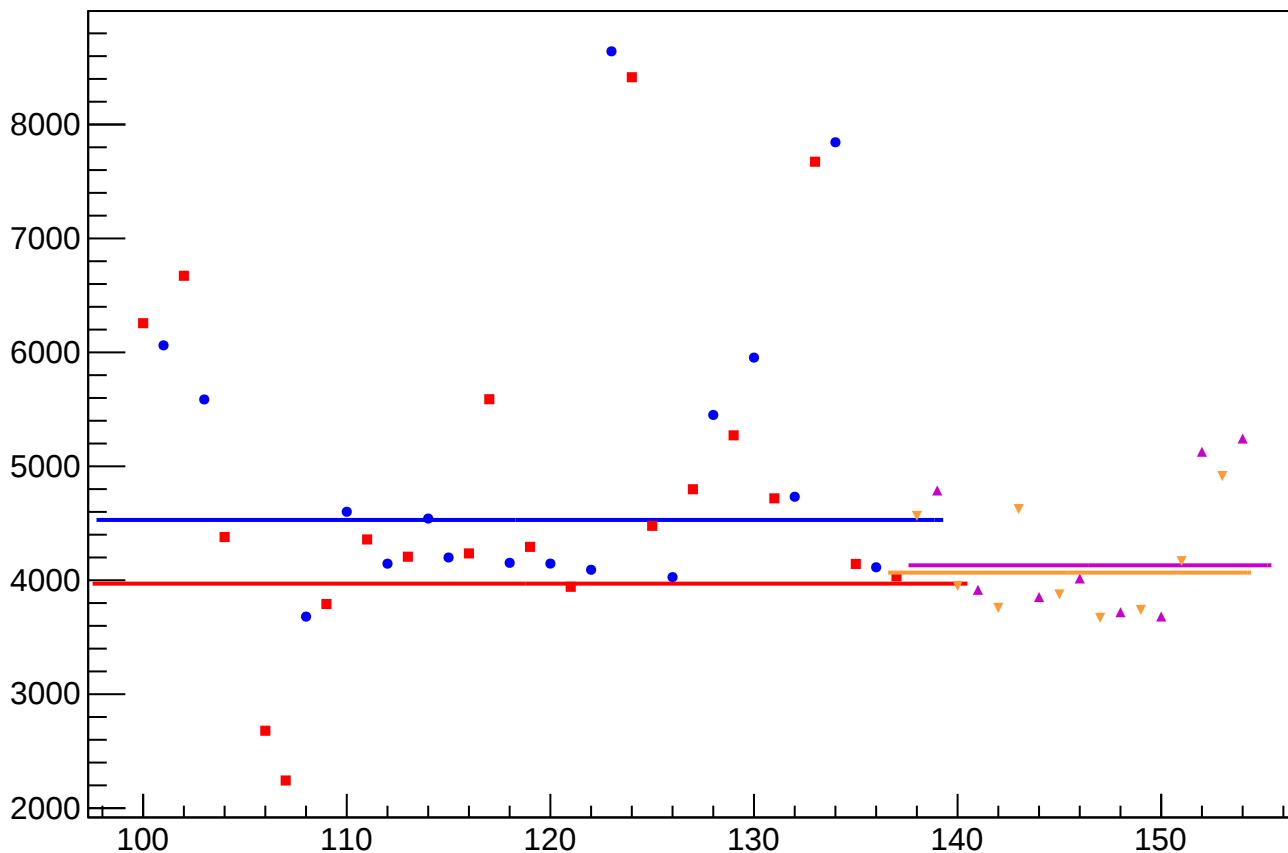
Right Out: 2729.311 $\pm$ 1572.398 χ^2 /NDF: 12.2/19

Left In: -131.492 $\pm$ 1626.319 χ^2 /NDF: 8.9/7

362.480 $\pm$ 1192.088 χ^2 /NDF: 26.8/25

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: 4067.238+/-1.132 χ^2/NDF :125797.5/8

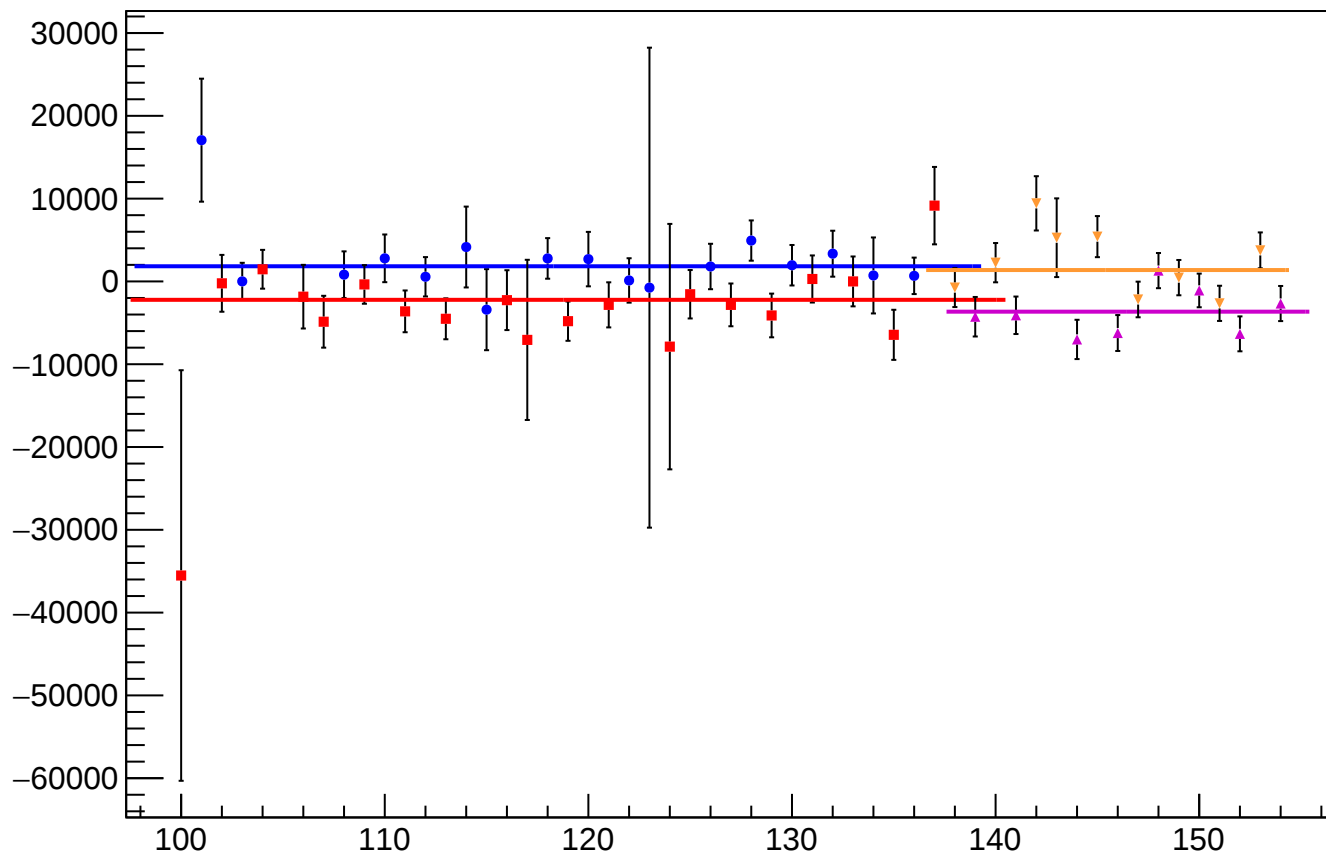
4273.157+/-0.843 χ^2/NDF : 589402.6/25

Right Out: 3970.336+/-1.105 χ^2/NDF : 1147711.9/19

4047.510+/-0.797 χ^2/NDF : 1384065.8/27

Left In: 4131.129+/-1.150 χ^2/NDF :226186.8/7

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1830.102+/-711.335 χ^2/NDF : 9.7/16

Left Out: 1374.211+/-808.817 χ^2/NDF : 18.0/8

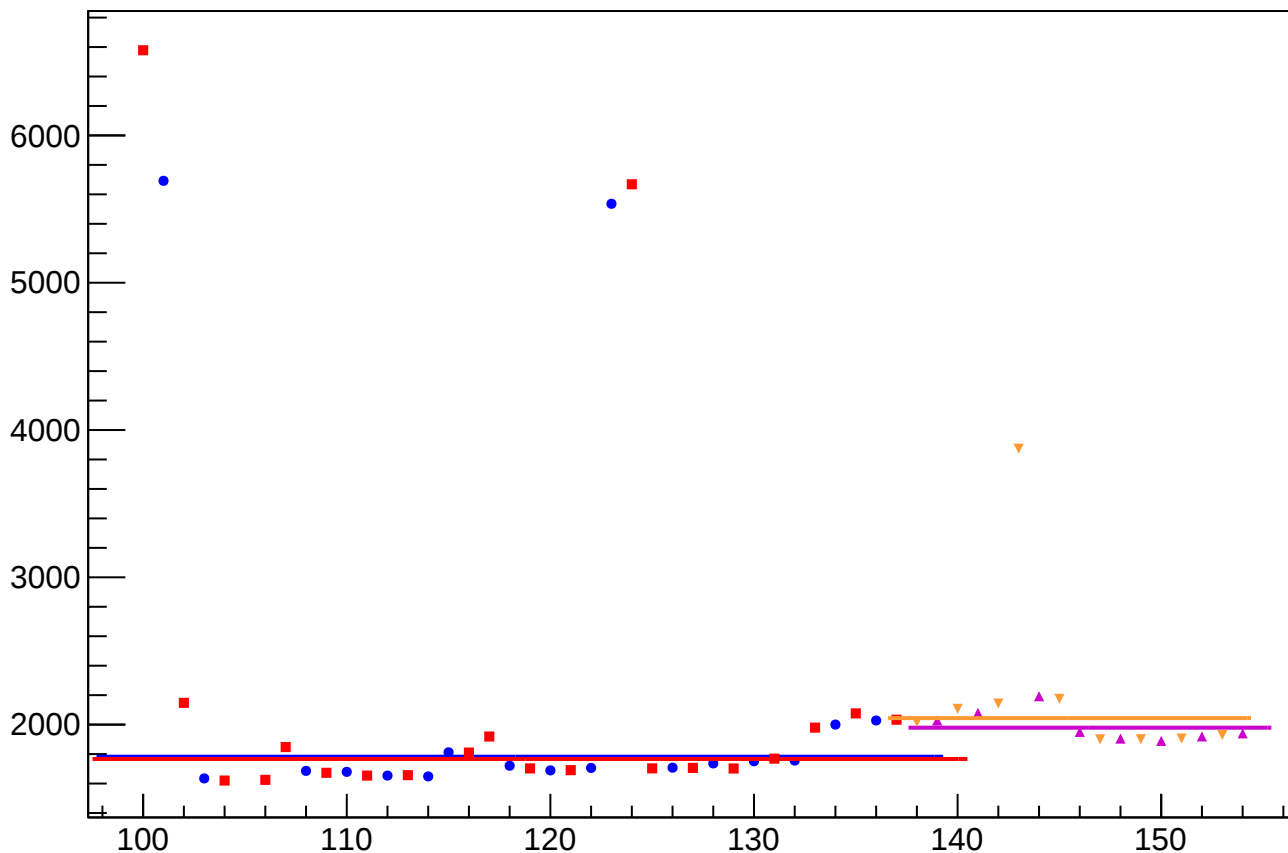
Right Out: -2222.274+/-682.500 χ^2/NDF : 18.6/19

Left In: -3653.922+/-773.334 χ^2/NDF : 12.4/7

1631.271+/-534.148 χ^2/NDF : 27.9/25

-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: 2044.160+/-0.572 χ^2/NDF : 337372.4/8

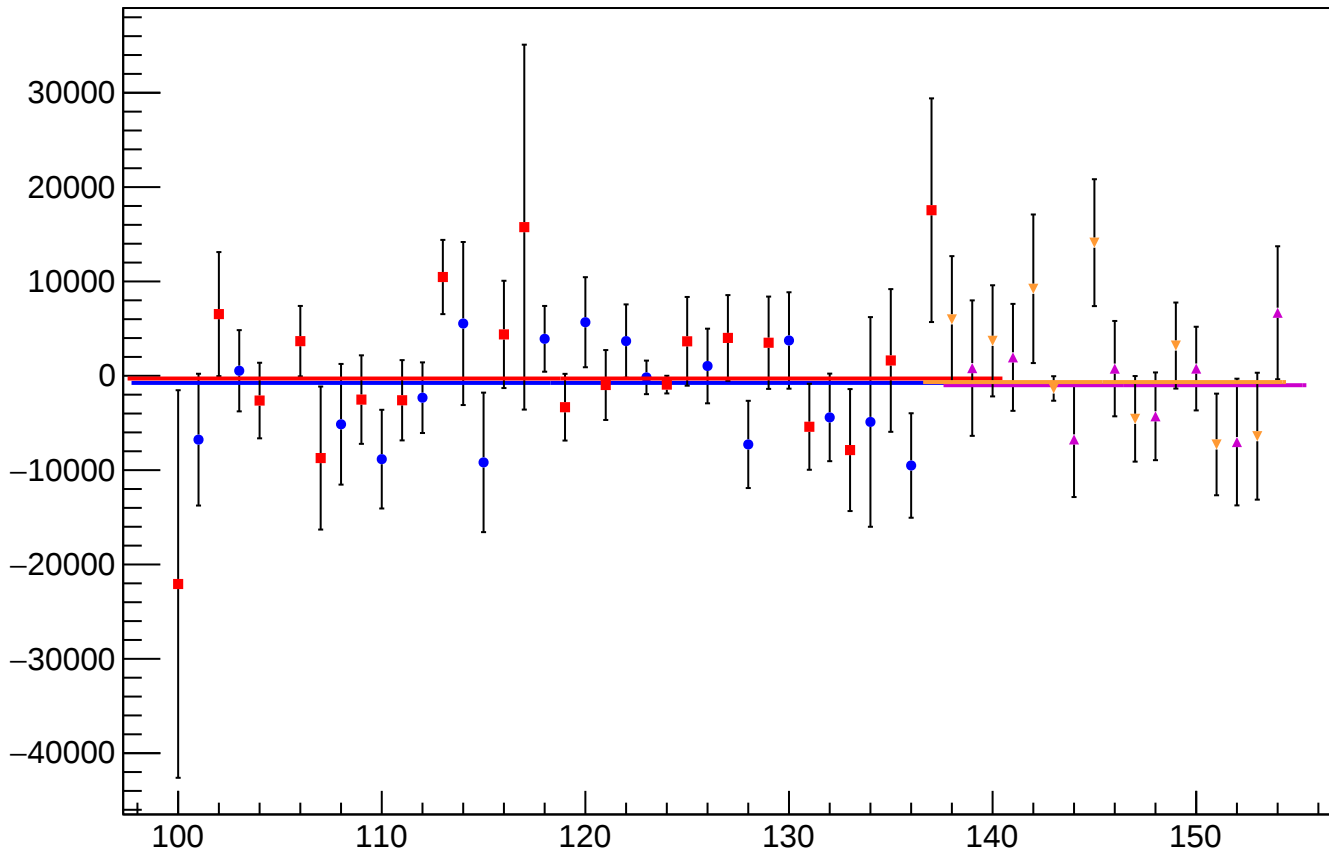
Right Out: 1766.719+/-0.479 χ^2/NDF : 307297.1/19

Left In: 1979.202+/-0.547 χ^2/NDF : 29905.7/7

1896.415+/-0.378 χ^2/NDF : 1100915.4/25

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: -665.410 ± 1094.205 χ^2/NDF : 11.9/8

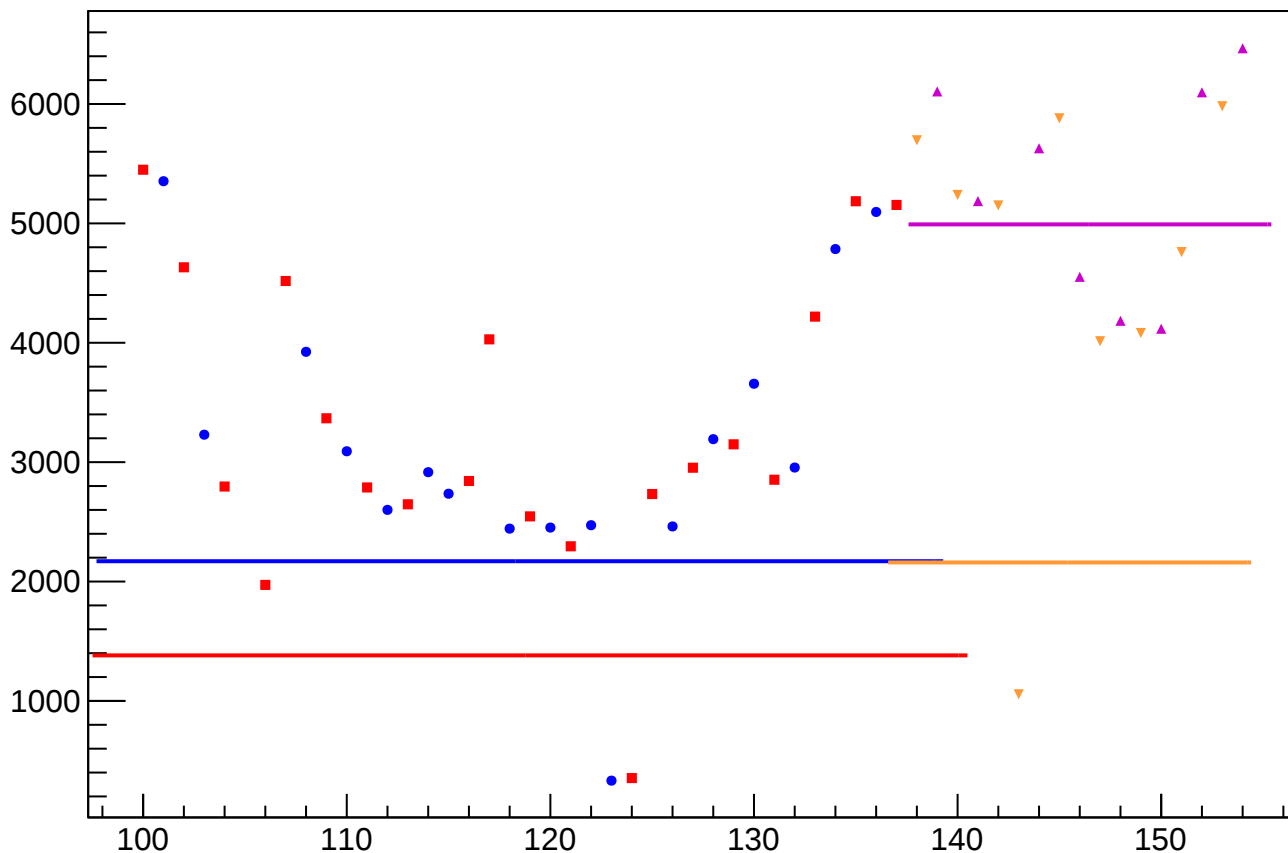
Right Out: -288.847 ± 724.622 χ^2/NDF : 22.7/19

Left In: -998.013 ± 1976.691 χ^2/NDF : 4.0/7

-713.000 ± 741.577 χ^2/NDF : 28.9/25

-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: 2159.881+/-0.774 χ^2/NDF : 5249641.0/8

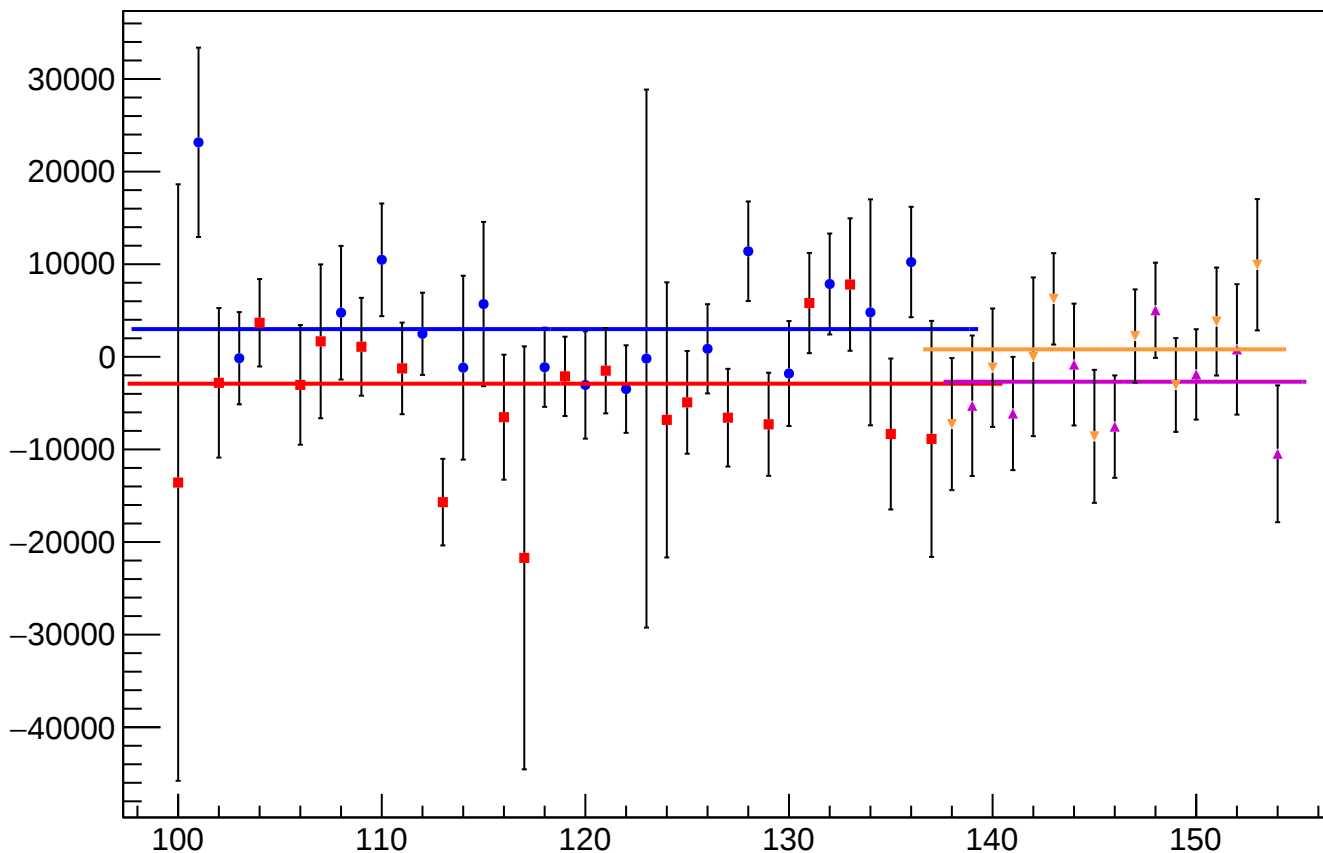
Right Out: 1381.438+/-0.512 χ^2/NDF : 6884822.3/19

Left In: 4991.690+/-1.398 χ^2/NDF : 367353.4/7

2165.483+/-0.524 χ^2/NDF : 9223463.4/25

1809.123+/-0.481 χ^2/NDF : 13133395.1/27

asym_atr1l2_avg_mean vs Slug



Right In: 2992.806 $\pm$ 1447.211 χ^2 /NDF: 15.7/16

Left Out: 809.543 $\pm$ 2016.496 χ^2 /NDF: 6.9/8

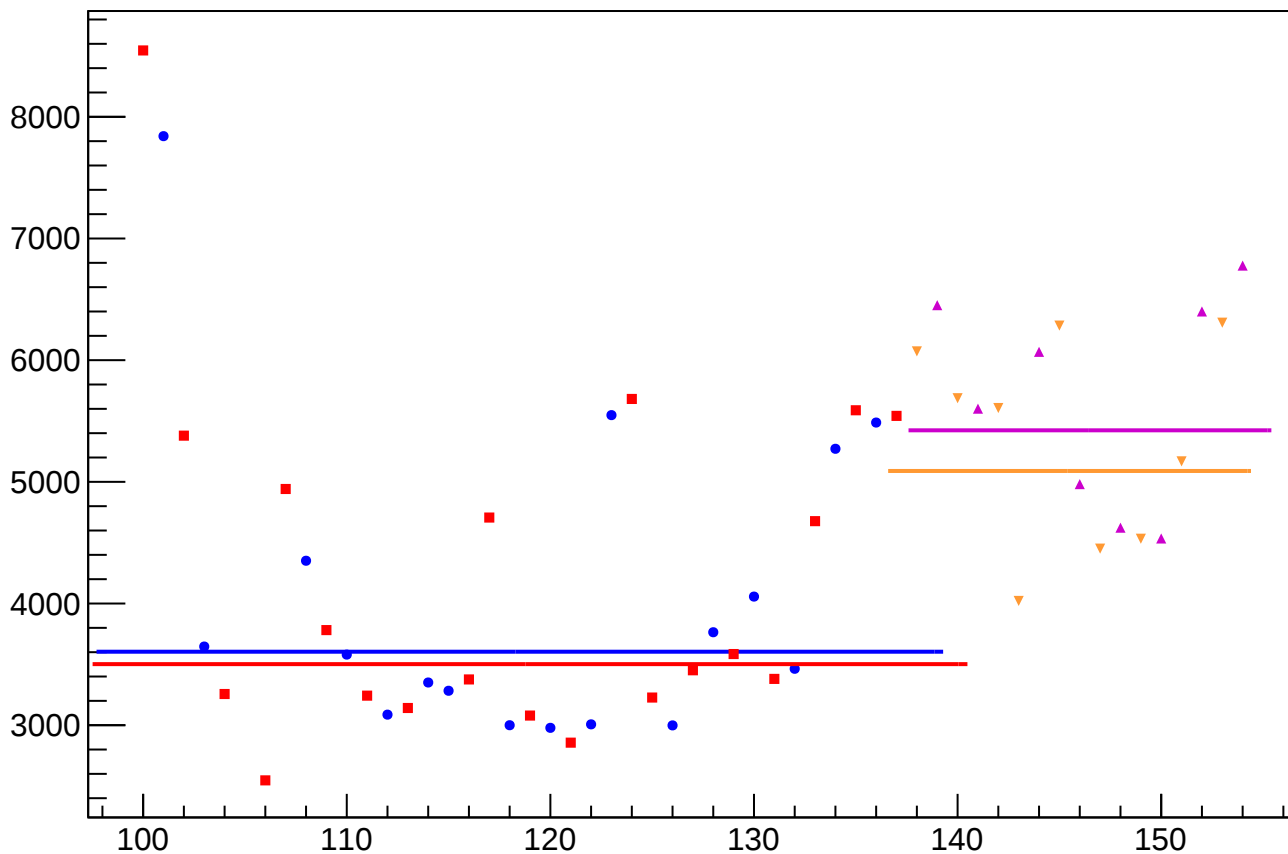
Right Out: -2901.985 $\pm$ 1376.603 χ^2 /NDF: 18.4/19

Left In: -2689.144 $\pm$ 2140.804 χ^2 /NDF: 4.9/7

2250.572 $\pm$ 1175.750 χ^2 /NDF: 23.4/25

-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: 5089.404+/-1.426 χ^2/NDF : 327647.5/8

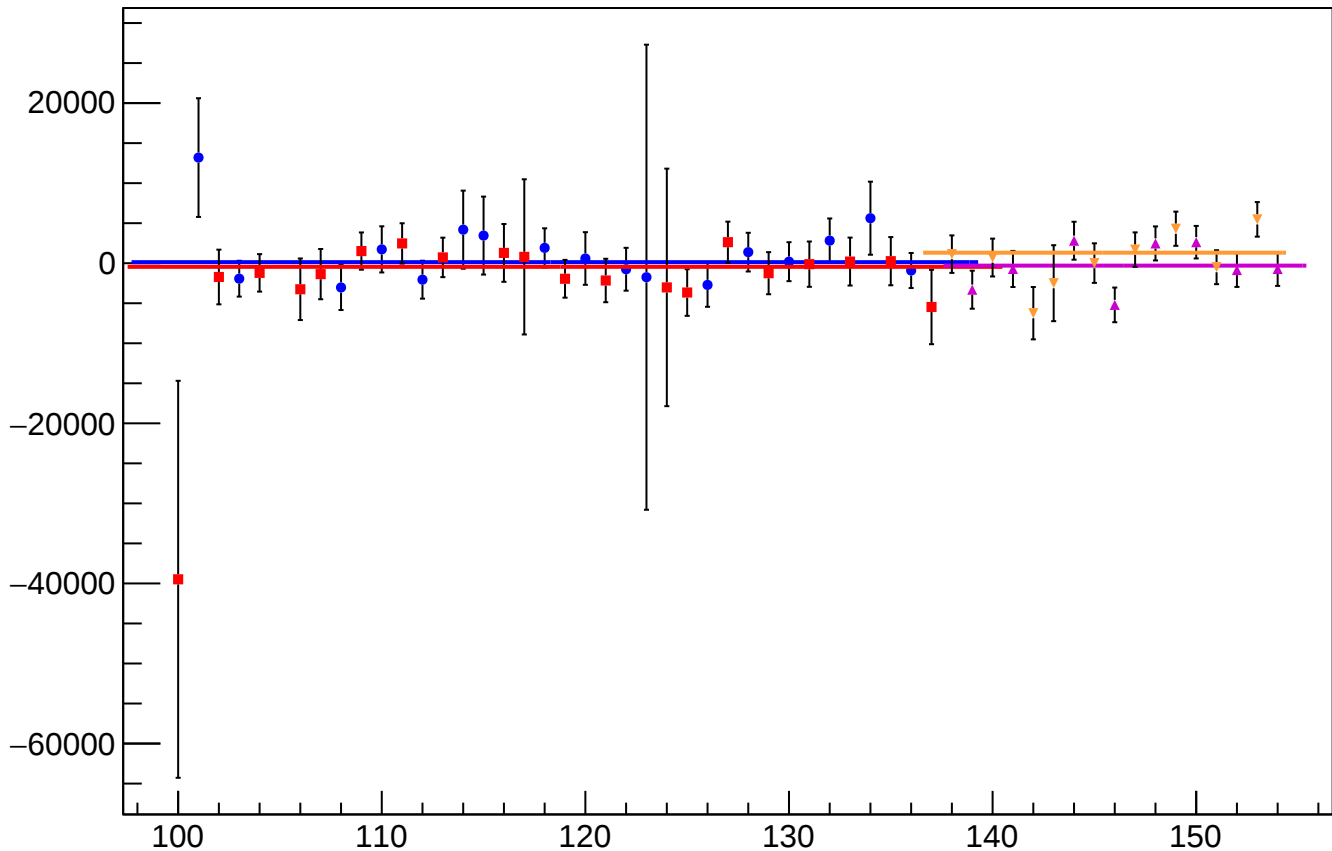
Right Out: 3501.857+/-0.960 χ^2/NDF : 667483.1/19

Left In: 5423.506+/-1.514 χ^2/NDF : 290871.9/7

4108.936+/-0.831 χ^2/NDF : 1828685.8/25

4052.971+/-0.811 χ^2/NDF : 2107673.5/27

reg_asym_atr1l2_dd_mean vs Slug



Right In: 130.913 $\pm$ 709.207 χ^2 /NDF: 12.2/16

Left Out: 1313.427 $\pm$ 807.324 χ^2 /NDF:12.8/8

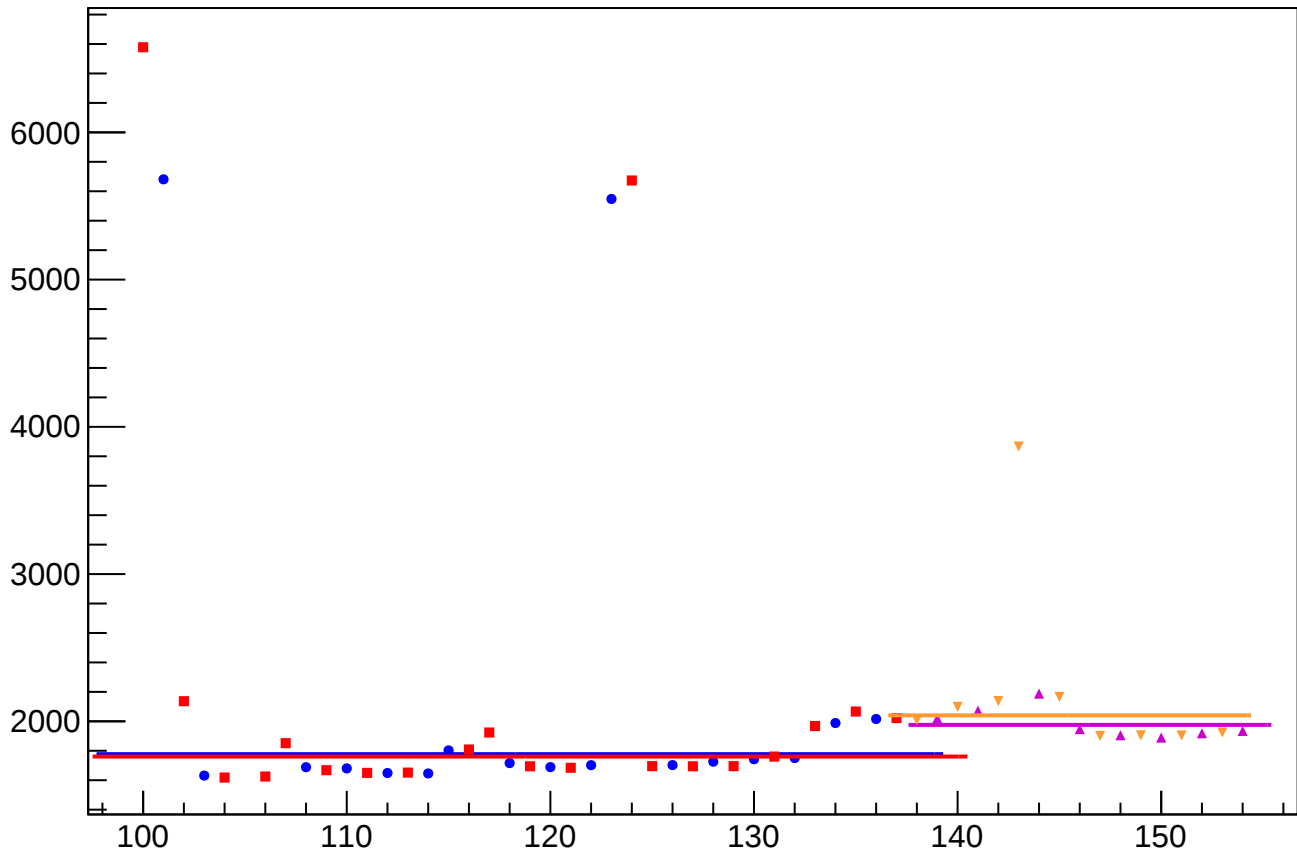
Right Out: -452.872 $\pm$ 680.160 χ^2 /NDF: 10.7/19

Left In: -301.701 $\pm$ 771.956 χ^2 /NDF:12.4/7

645.982 $\pm$ 532.816 χ^2 /NDF: 26.1/25

-386.805 $\pm$ 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: 2040.544+/-0.571 χ^2 /NDF:335280.7/8

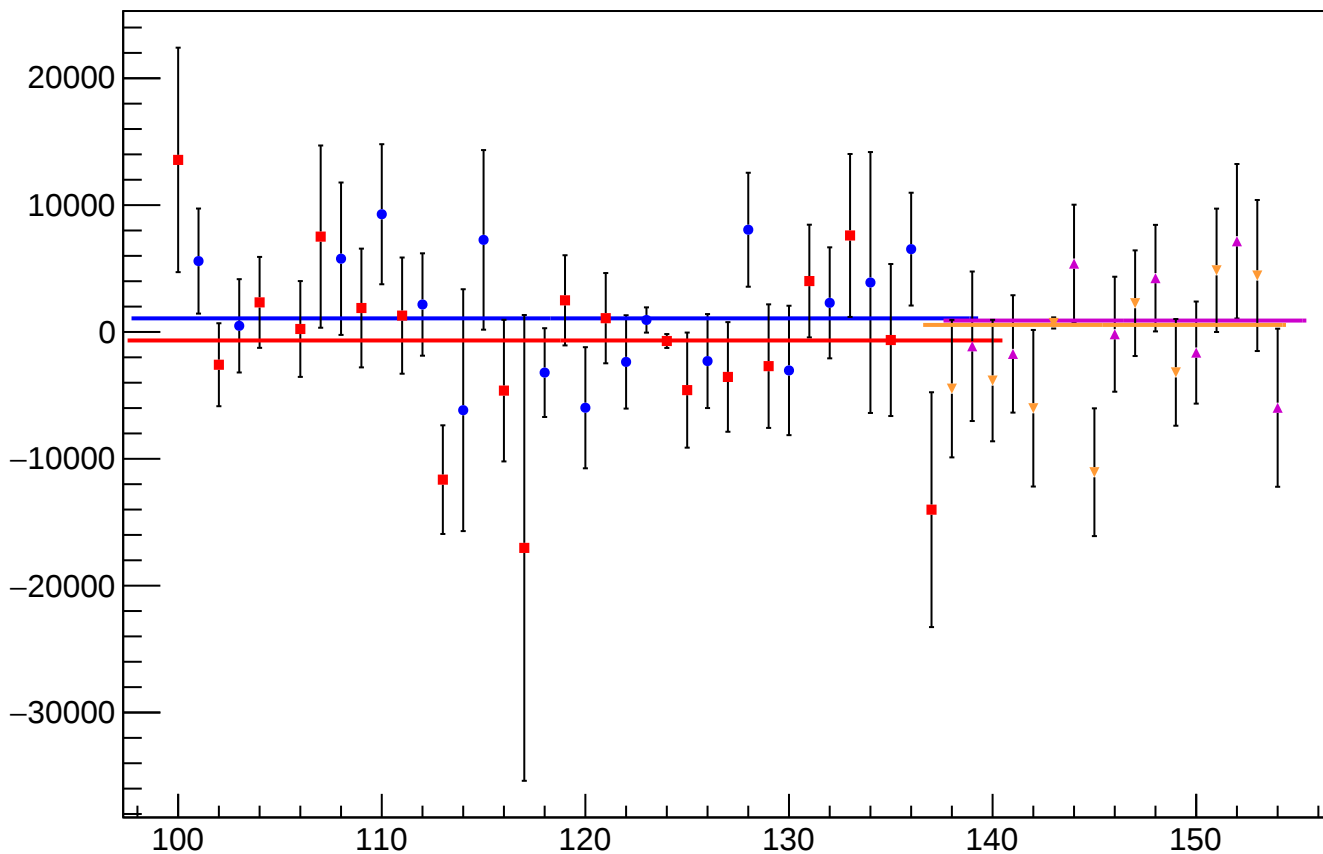
1891.724+/-0.377 χ^2 /NDF: 1099263.8/25

Right Out: 1760.787+/-0.478 χ^2 /NDF: 306724.5/19

1854.037+/-0.359 χ^2 /NDF: 423380.9/27

Left In: 1975.799+/-0.546 χ^2 /NDF:28790.6/7

asym_atr1l2_dd_correction_mean vs Slug



Right In: 1072.194+/-752.280 χ^2/NDF : 15.6/16

Left Out: 555.406+/-425.662 χ^2/NDF : 10.4/8

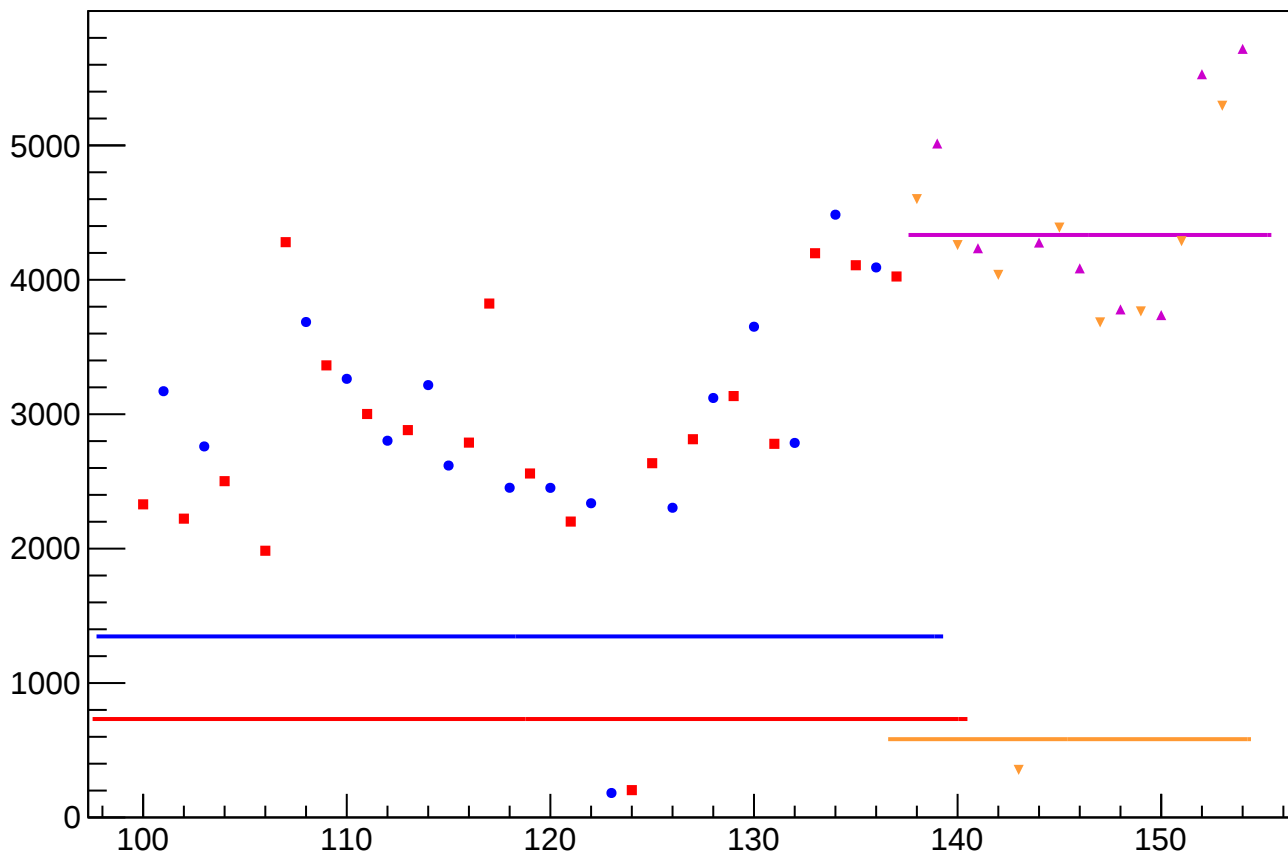
Right Out: -670.313+/-487.861 χ^2/NDF : 20.6/19

Left In: 899.054+/-1710.731 χ^2/NDF : 4.7/7

680.736+/-370.468 χ^2/NDF : 26.4/25

-552.281+/-469.157 χ^2/NDF : 26.1/27

asym_atr1l2_dd_correction_rms vs Slug



Right In: 1346.836 $\pm$ 0.532 χ^2 /NDF: 6839112.6/16

Left Out: 582.440 $\pm$ 0.301 χ^2 /NDF: 9256477.6/8

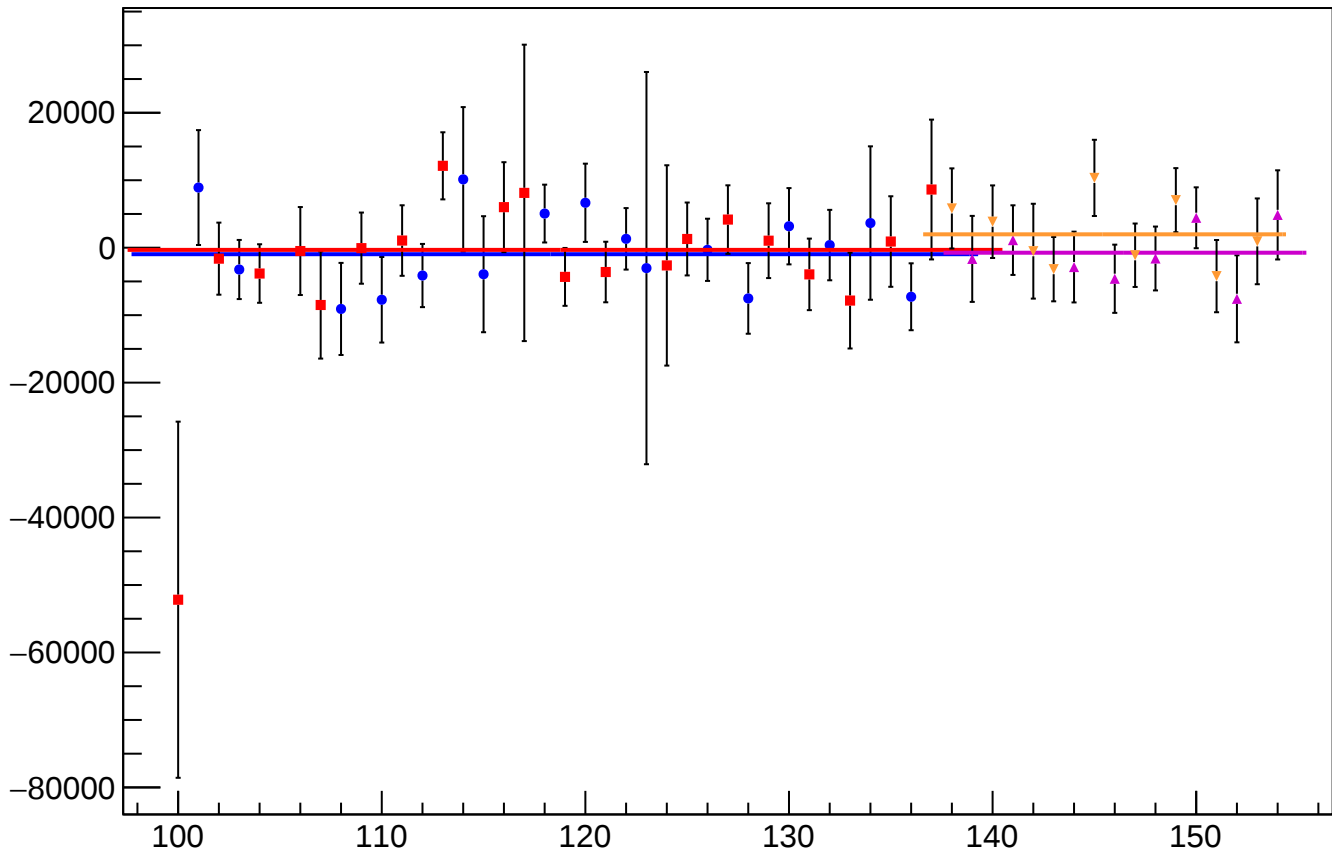
Right Out: 732.303 $\pm$ 0.345 χ^2 /NDF: 9559853.6/19

Left In: 4333.647 $\pm$ 1.210 χ^2 /NDF: 288434.5/7

767.819 $\pm$ 0.262 χ^2 /NDF: 17659748.5/25

1003.159 $\pm$ 0.332 χ^2 /NDF: 18044986.2/27

asym_atr1l2_dd_mean vs Slug



Right In: -964.151+/-1395.626 χ^2/NDF : 13.7/16

Left Out: 1983.820+/-1802.666 χ^2/NDF : 7.0/8

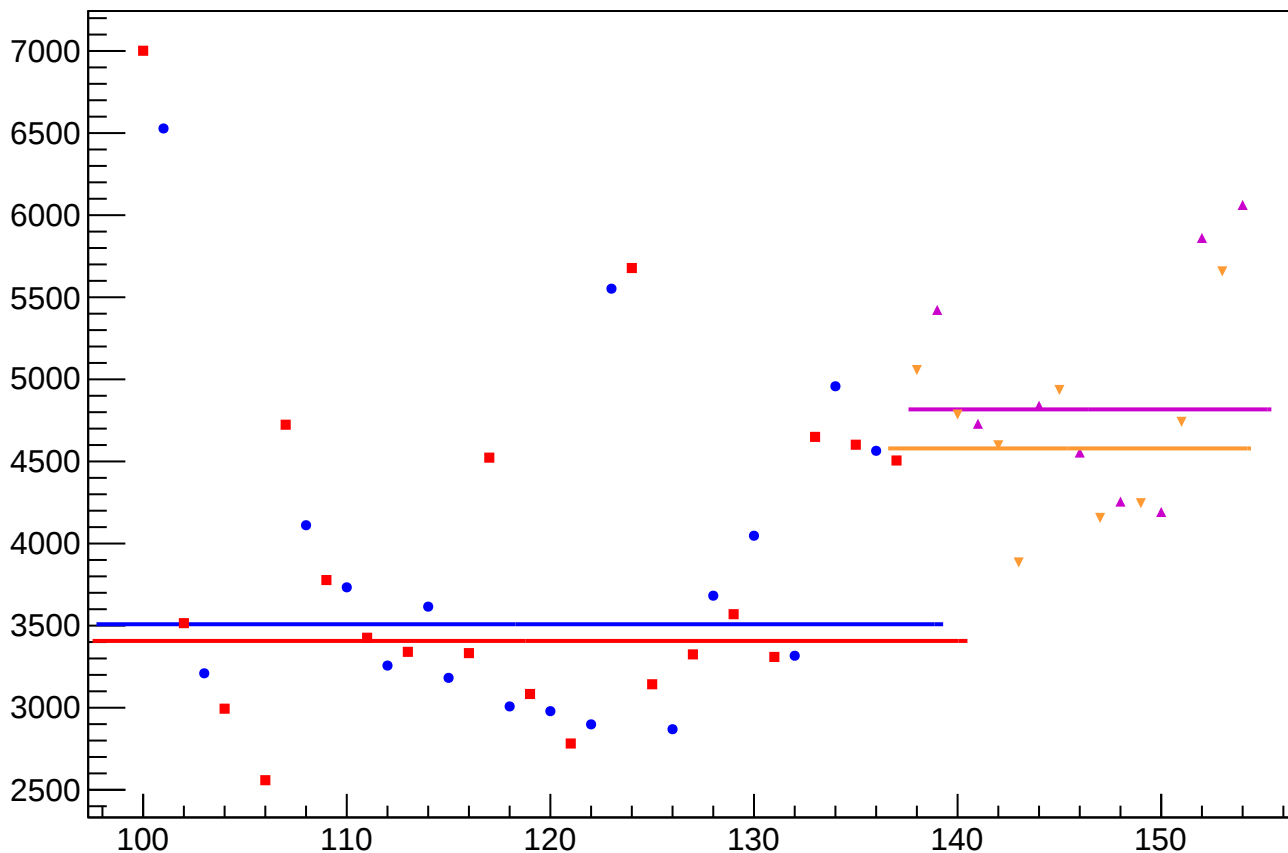
Right Out: -323.694+/-1327.331 χ^2/NDF : 17.8/19

Left In: -744.226+/-1895.486 χ^2/NDF : 4.1/7

140.632+/-1103.550 χ^2/NDF : 22.4/25

-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: 4579.354+/-1.275 χ^2/NDF :151728.4/8

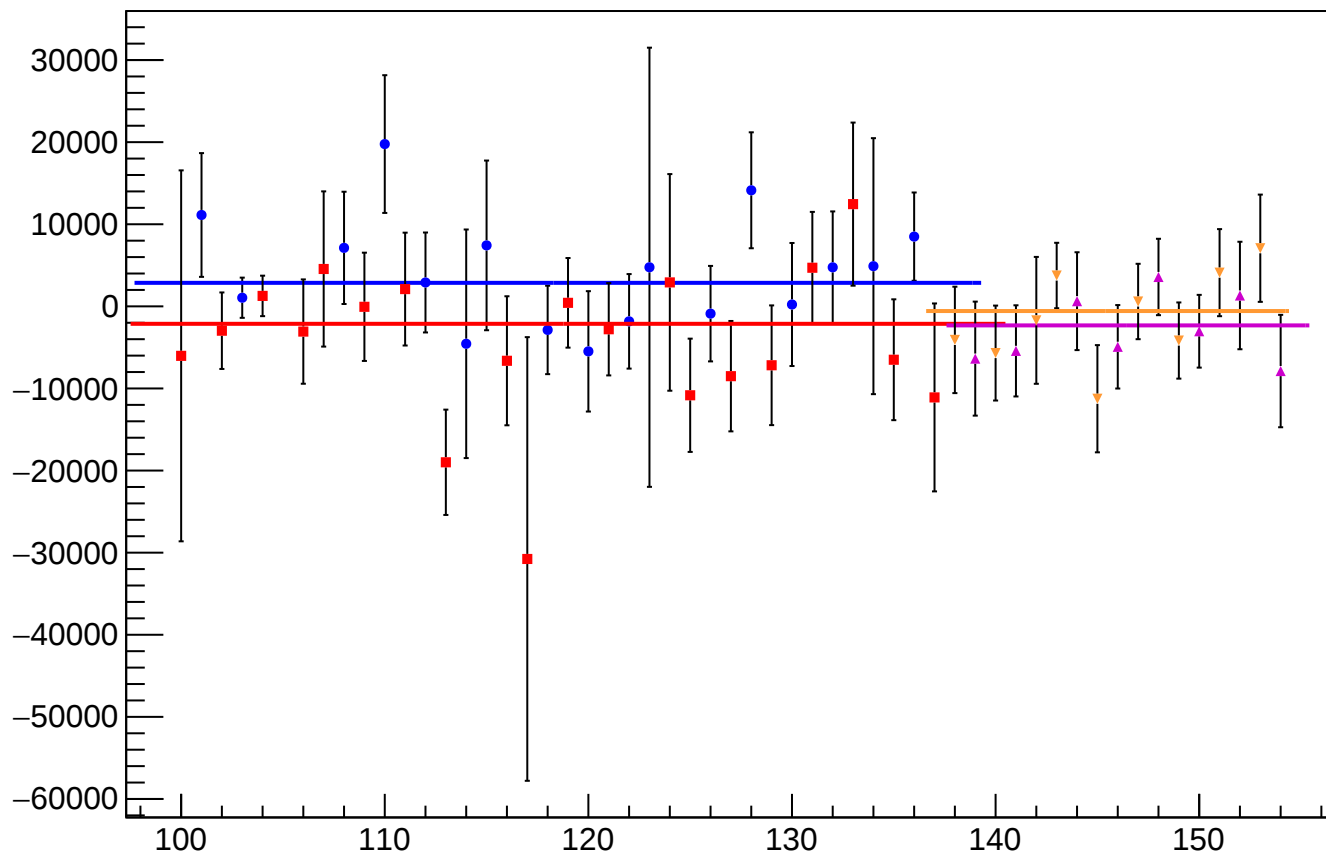
Right Out: 3406.868+/-0.926 χ^2/NDF : 433737.9/19

Left In: 4817.036+/-1.340 χ^2/NDF :214016.1/7

3909.800+/-0.780 χ^2/NDF : 1155213.7/25

3862.798+/-0.762 χ^2/NDF : 1396813.5/27

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2864.770+/-1452.658 χ^2/NDF : 14.1/16

Left Out: -570.501+/-1796.646 χ^2/NDF : 7.8/8

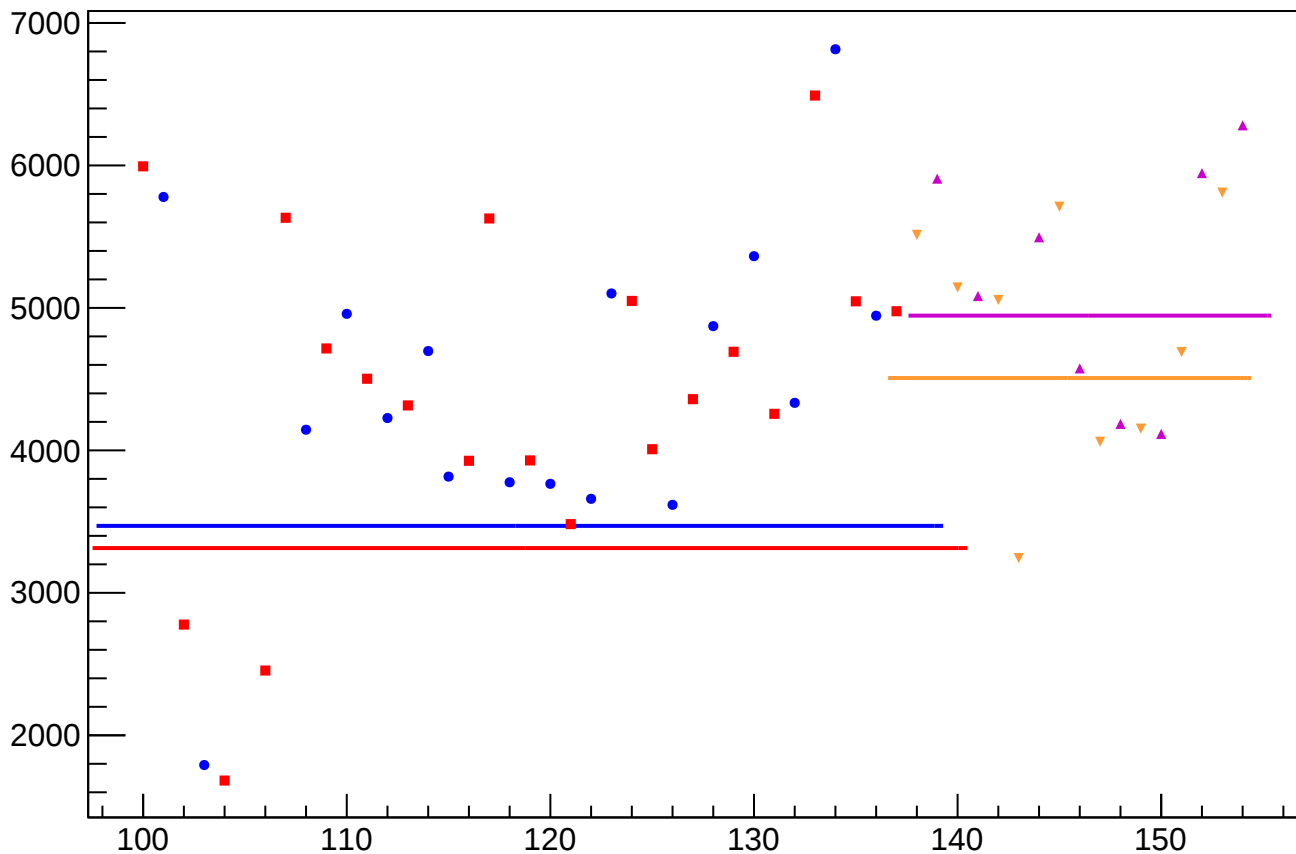
Right Out: -2126.105+/-1379.774 χ^2/NDF : 18.8/19

Left In: -2318.753+/-1954.108 χ^2/NDF : 3.8/7

1506.780+/-1129.615 χ^2/NDF : 24.0/25

-2190.198+/-1127.121 χ^2/NDF : 22.6/27

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042+/-1.027 χ^2/NDF : 1760860.6/16

Left Out: 4507.789+/-1.270 χ^2/NDF : 463940.2/8

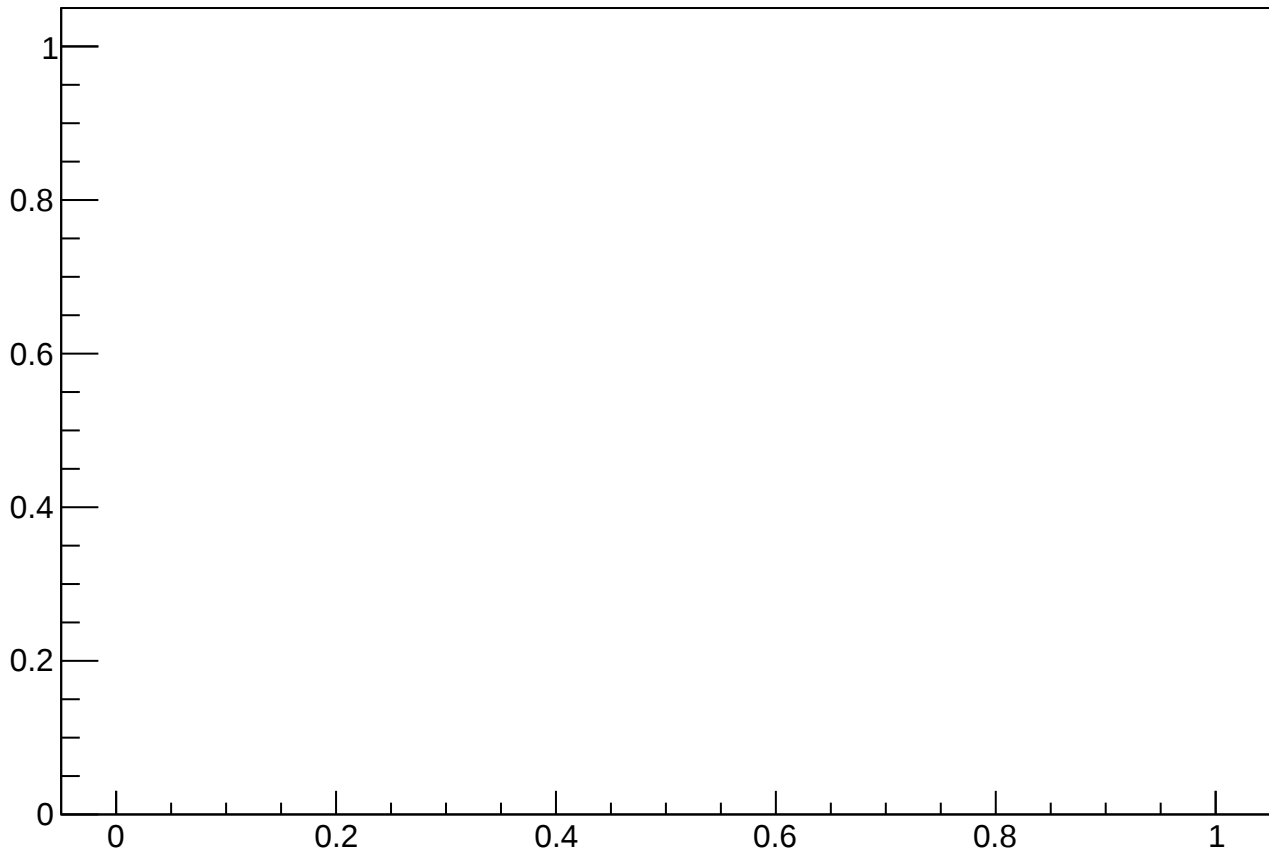
Right Out: 3314.183+/-0.967 χ^2/NDF : 1925484.9/19

Left In: 4945.813+/-1.382 χ^2/NDF : 313626.4/7

3880.260+/-0.799 χ^2/NDF : 2628288.5/25

3850.403+/-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

0.000+/-0.000 χ^2/NDF : 0.0/0

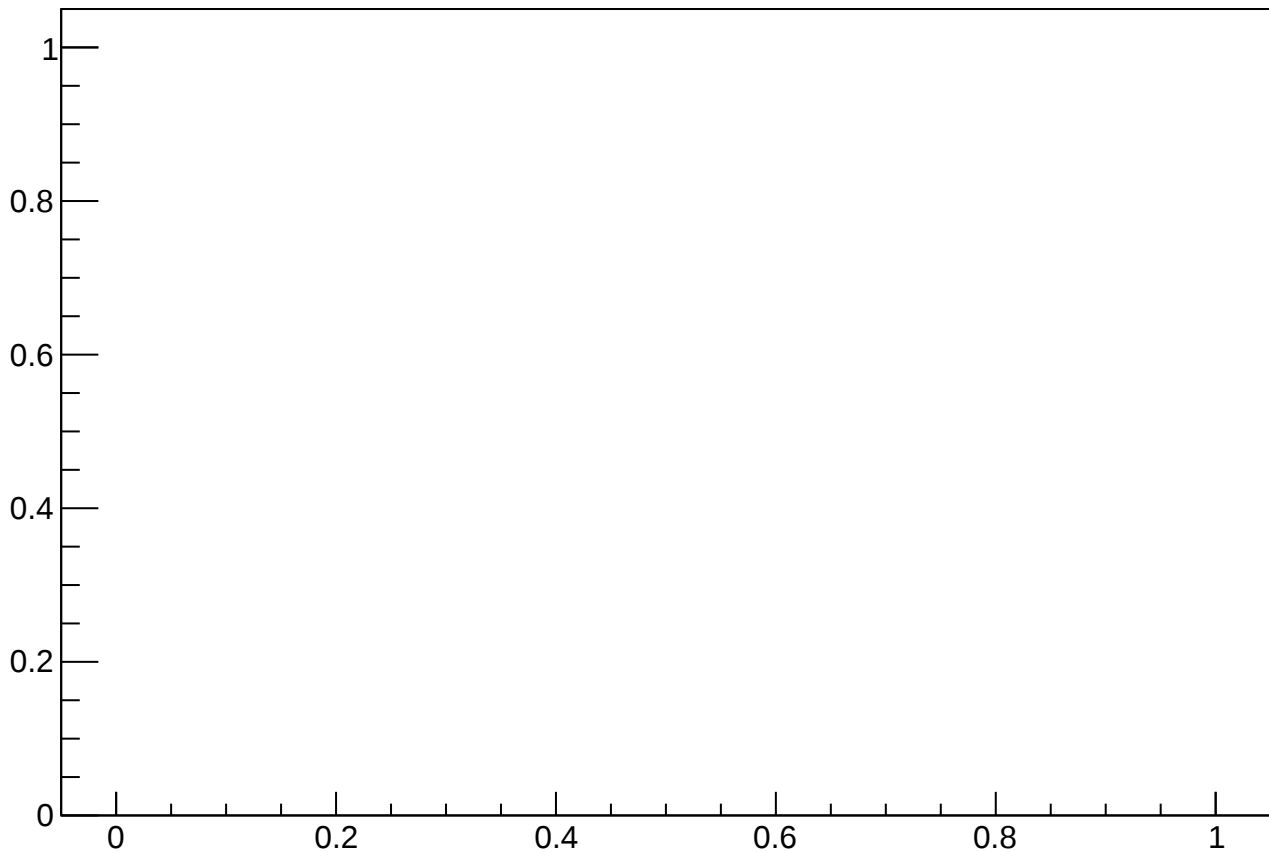
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

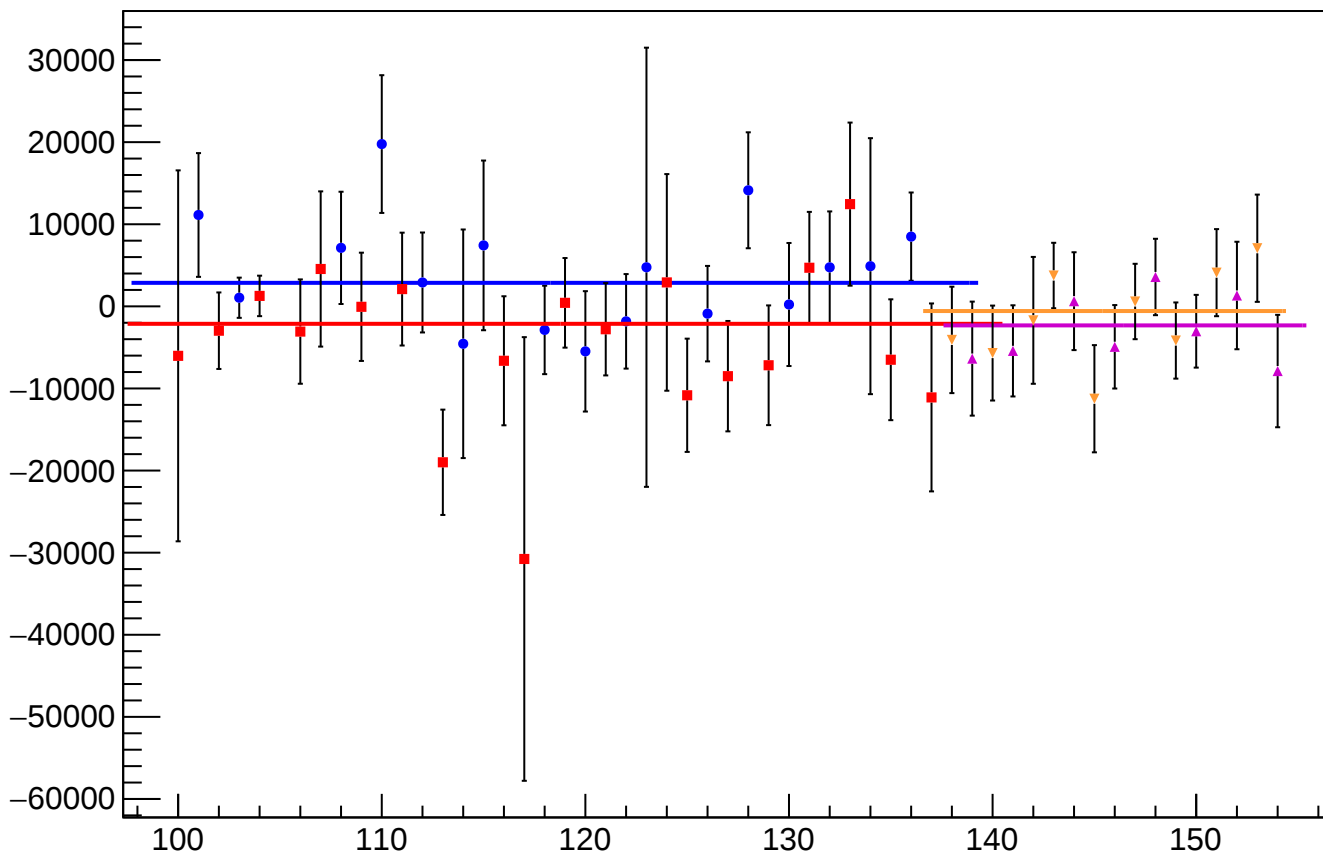
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: -570.501+/-1796.646 χ^2/NDF : 7.8/8

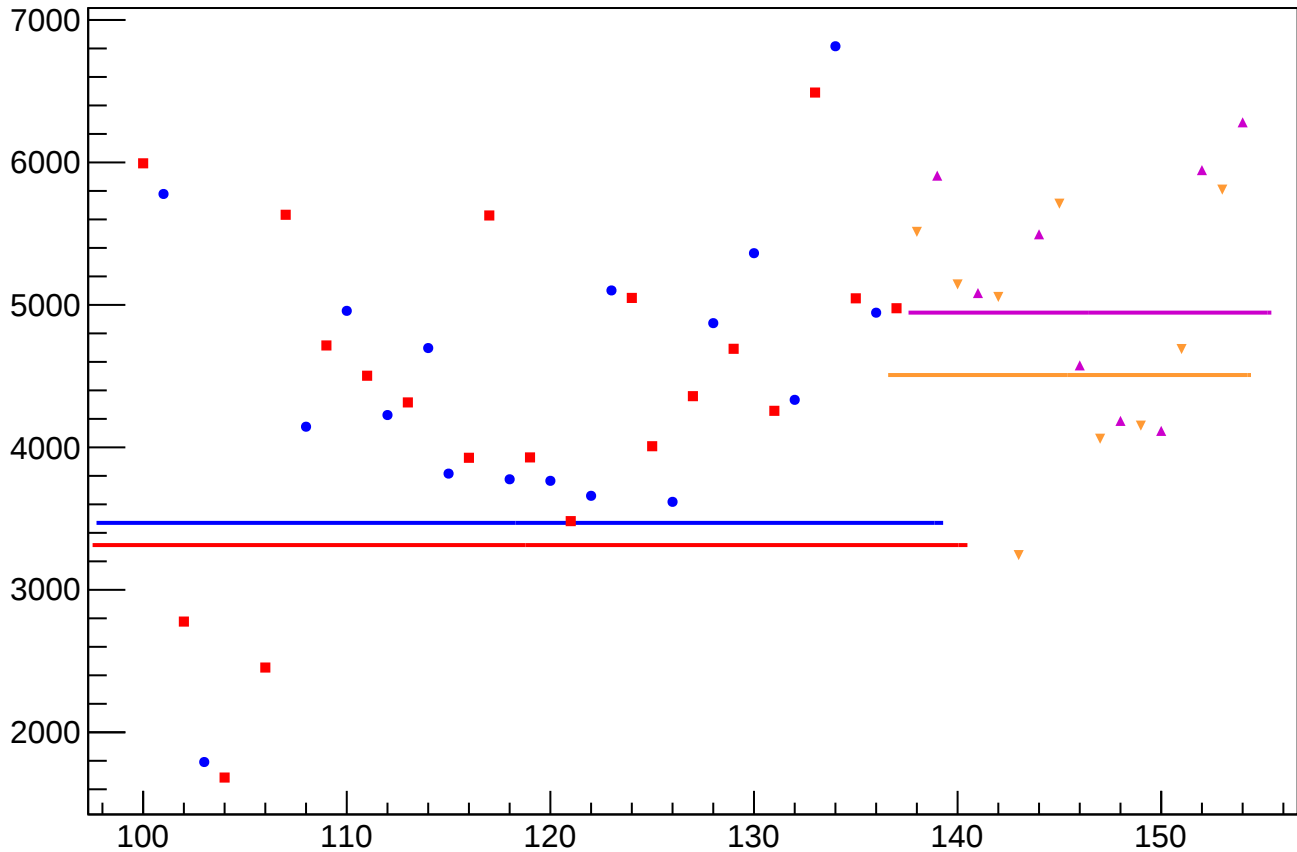
Right Out: -2126.105+/-1379.774 χ^2/NDF : 18.8/19

Left In: -2318.753+/-1954.108 χ^2/NDF : 3.8/7

1506.780+/-1129.615 χ^2/NDF : 24.0/25

-2190.198+/-1127.121 χ^2/NDF : 22.6/27

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042+/-1.027 χ^2/NDF : 1760860.6/16

Left Out: 4507.789+/-1.270 χ^2/NDF : 463940.2/8

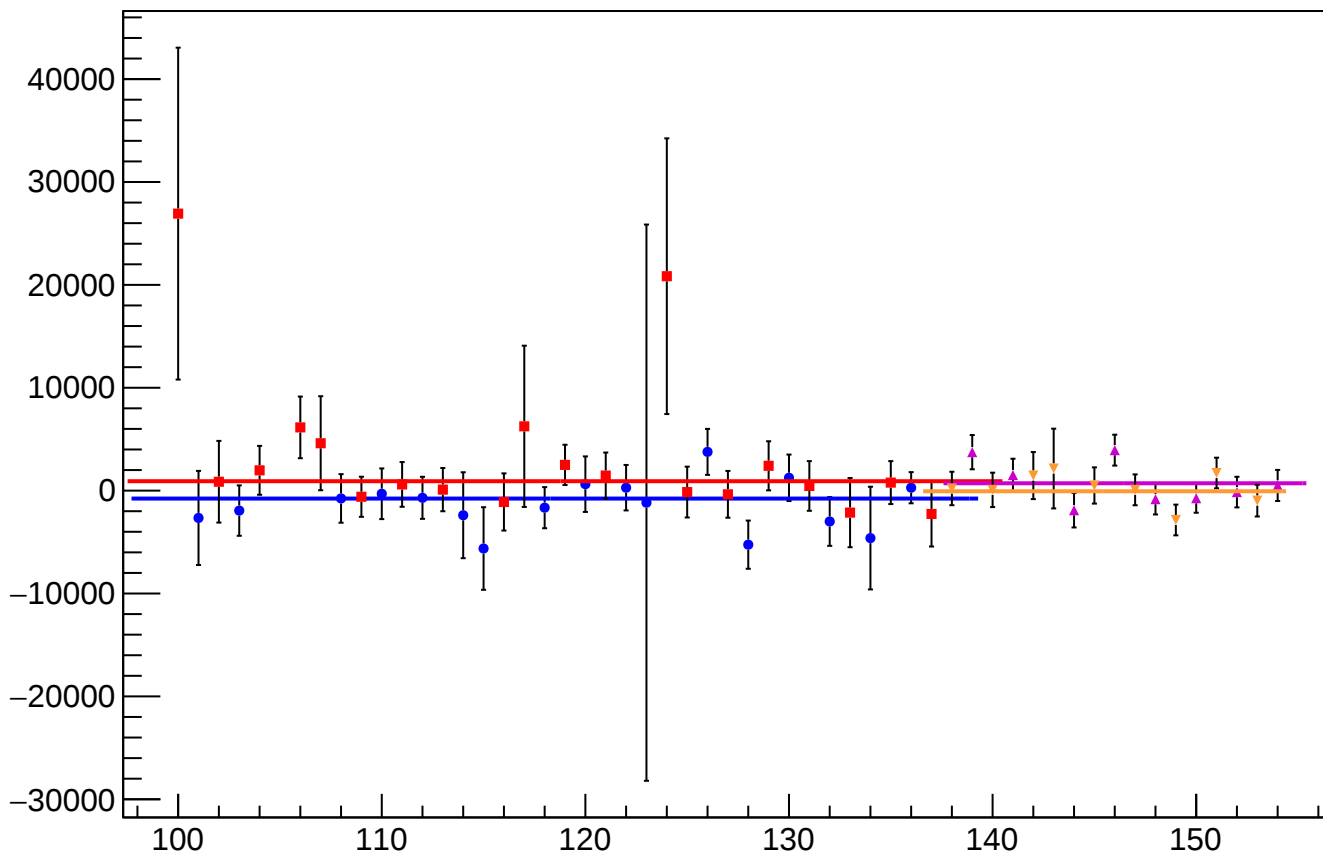
Right Out: 3314.183+/-0.967 χ^2/NDF : 1925484.9/19

Left In: 4945.813+/-1.382 χ^2/NDF : 313626.4/7

3880.260+/-0.799 χ^2/NDF : 2628288.5/25

3850.403+/-0.792 χ^2/NDF : 3175229.9/27

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.153+/-603.689 χ^2/NDF : 13.3/16

Left Out: -61.492+/-569.721 χ^2/NDF : 6.2/8

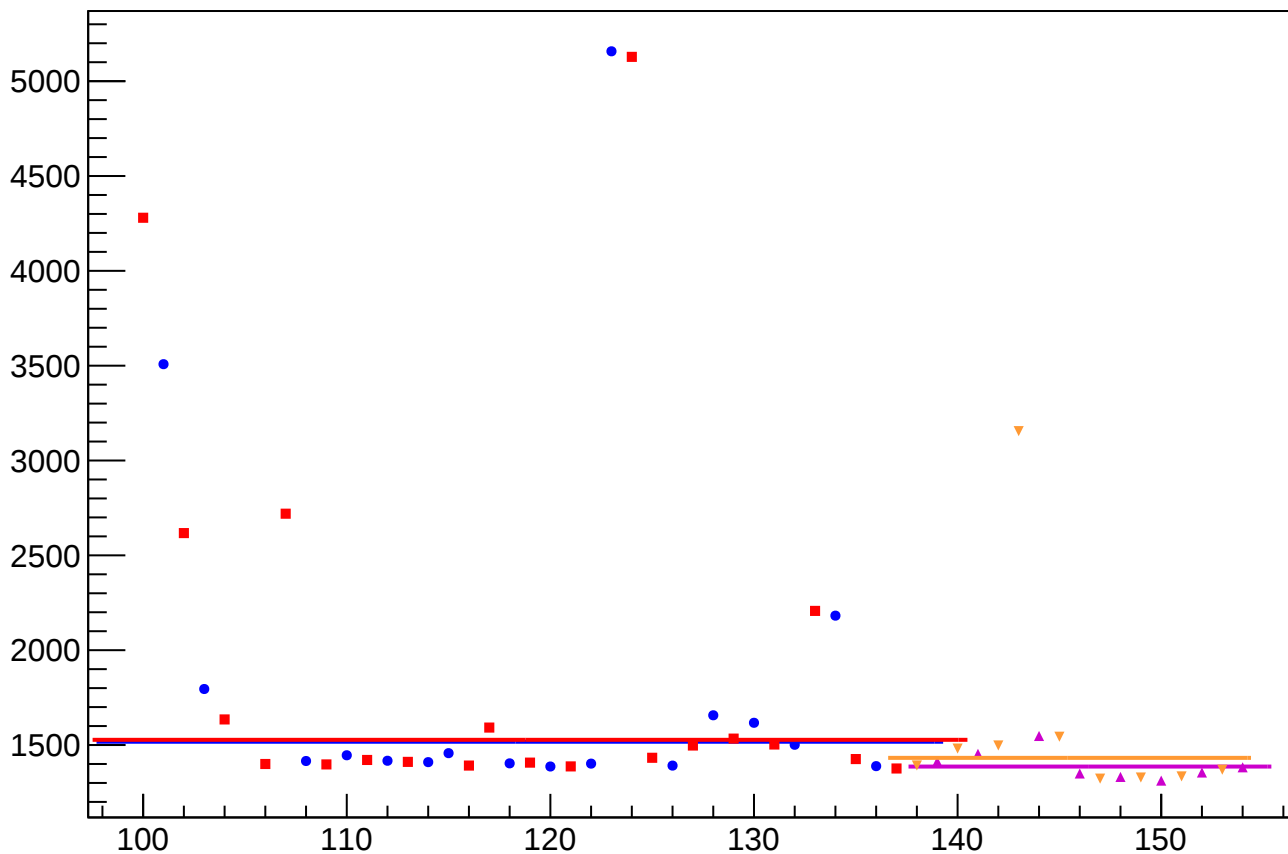
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 715.901+/-542.013 χ^2/NDF : 13.1/7

-395.796+/-414.342 χ^2/NDF : 20.2/25

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: 1432.268+/-0.403 χ^2/NDF : 439855.5/8

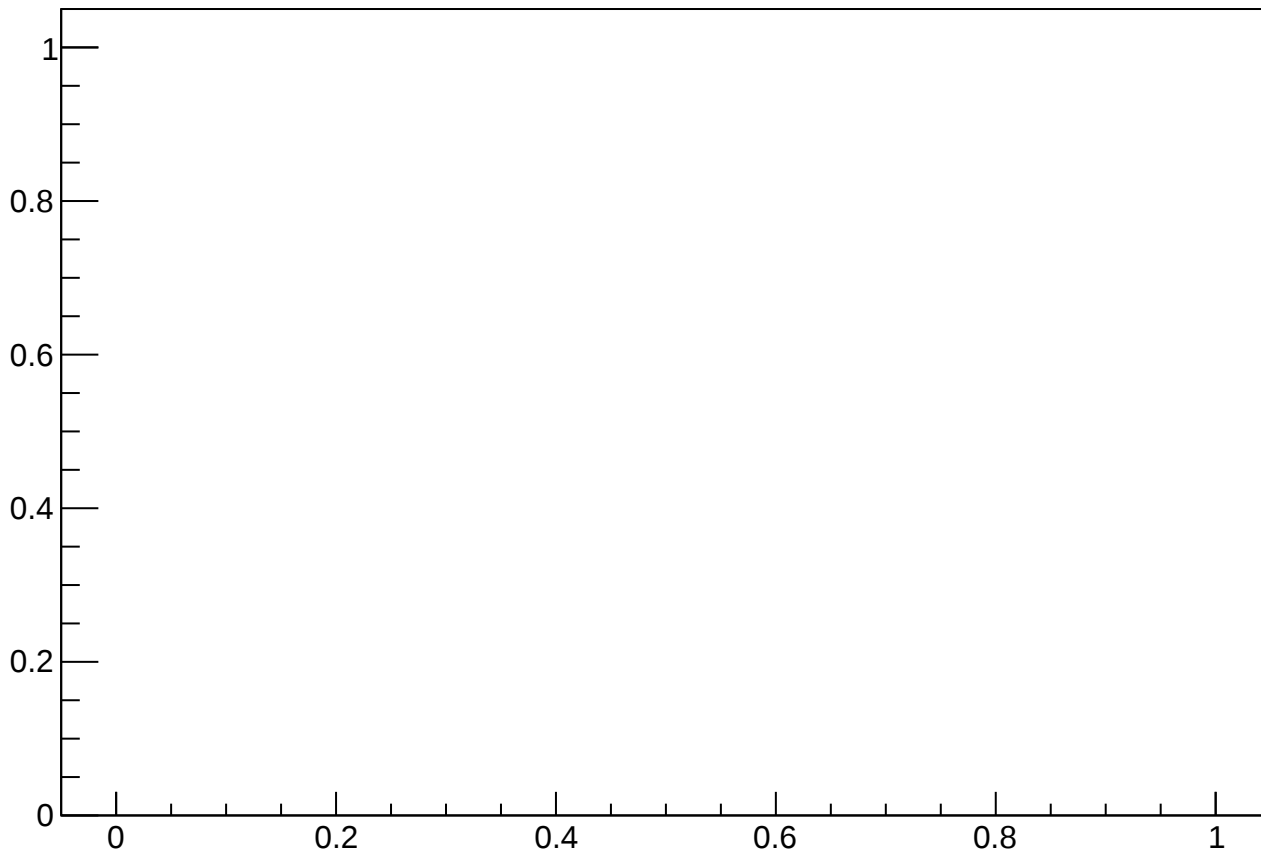
Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

Left In: 1386.403+/-0.383 χ^2/NDF : 32943.5/7

1472.341+/-0.293 χ^2/NDF : 997522.5/25

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

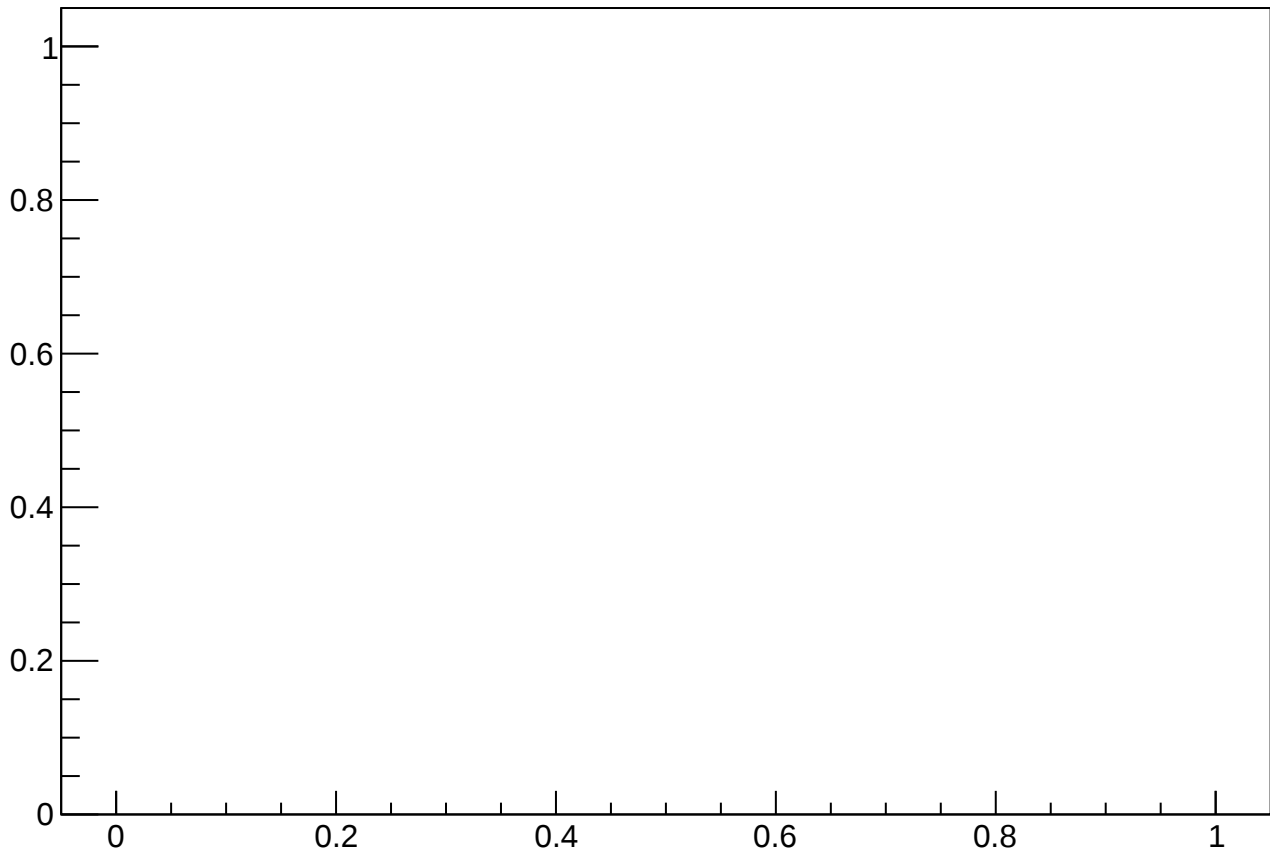
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

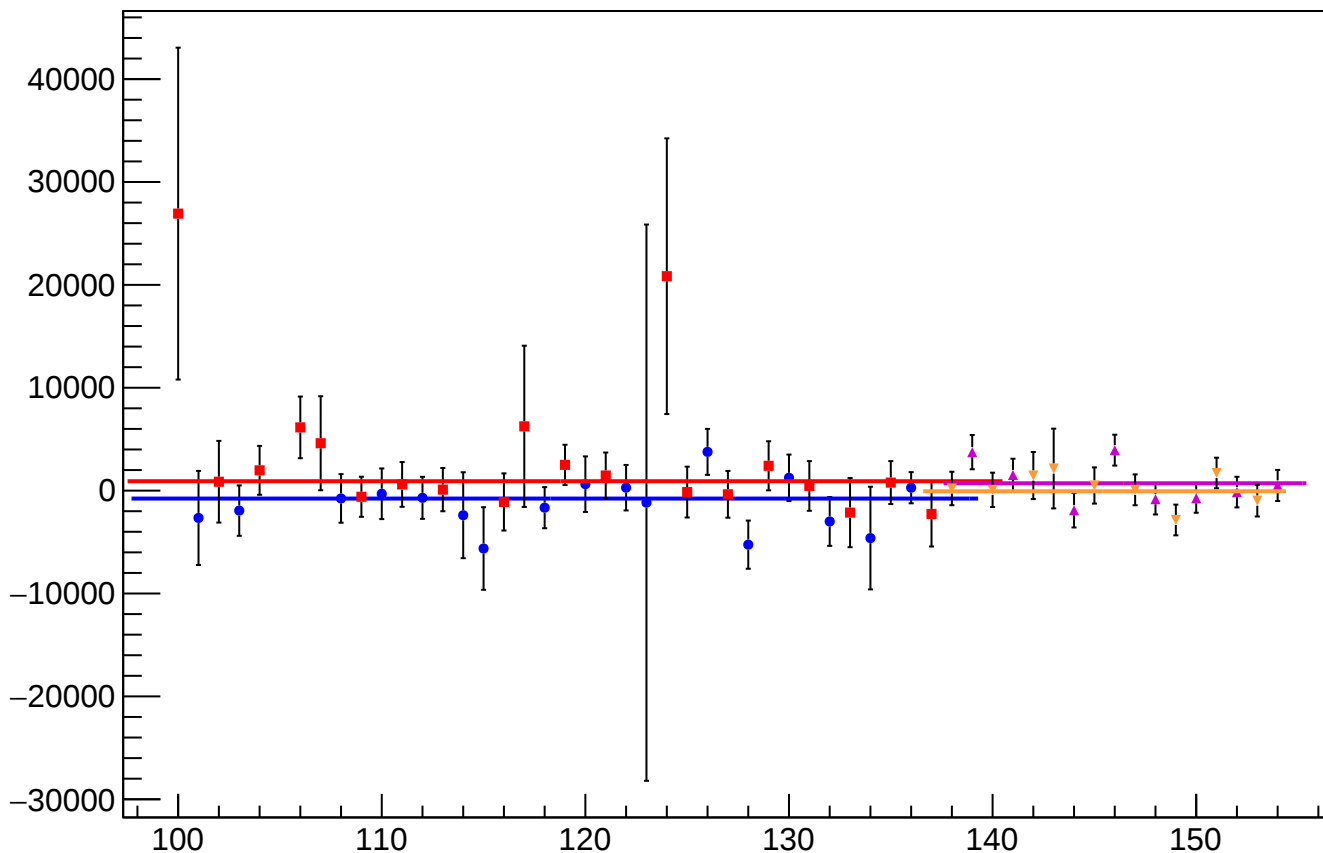
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -61.492+/-569.721 χ^2/NDF : 6.2/8

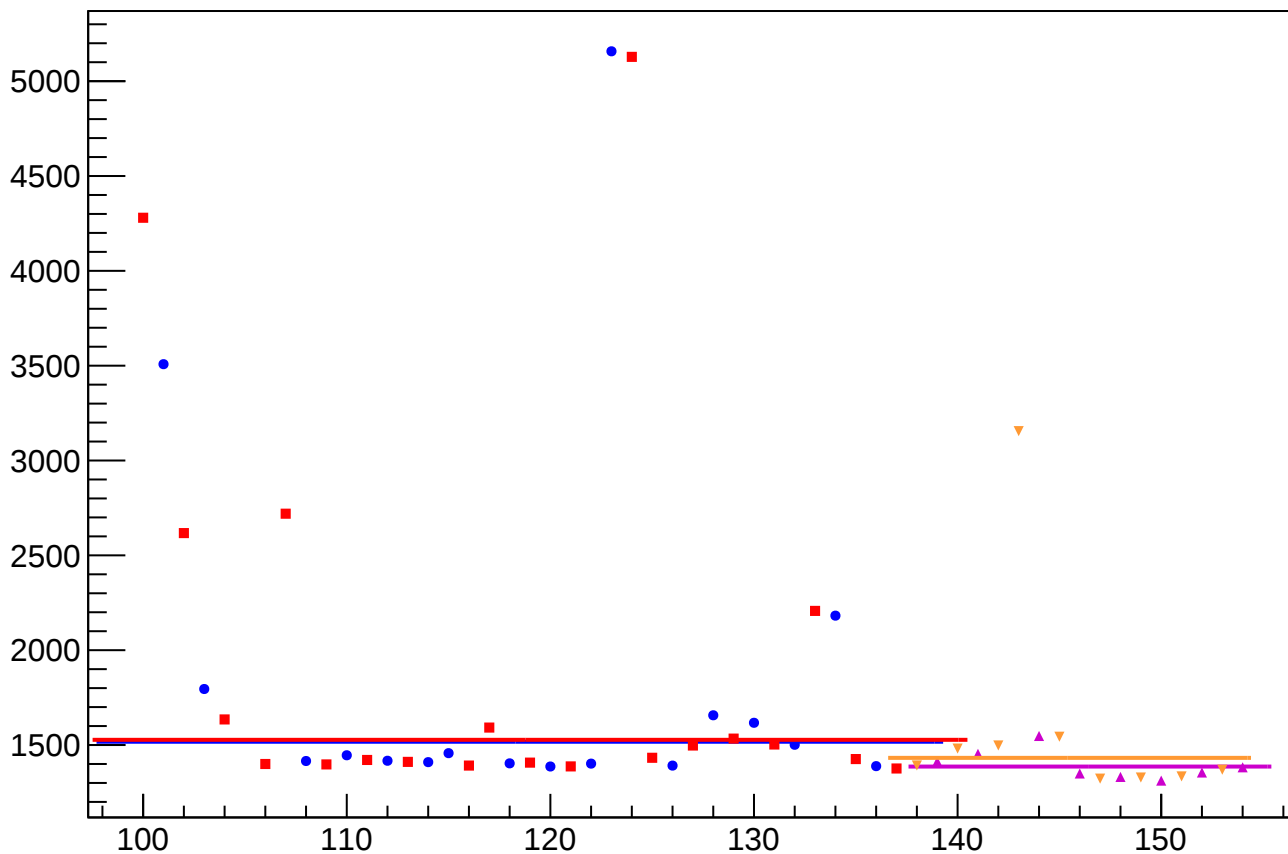
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 715.901+/-542.013 χ^2/NDF : 13.1/7

-395.796+/-414.342 χ^2/NDF : 20.2/25

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: 1432.268+/-0.403 χ^2/NDF : 439855.5/8

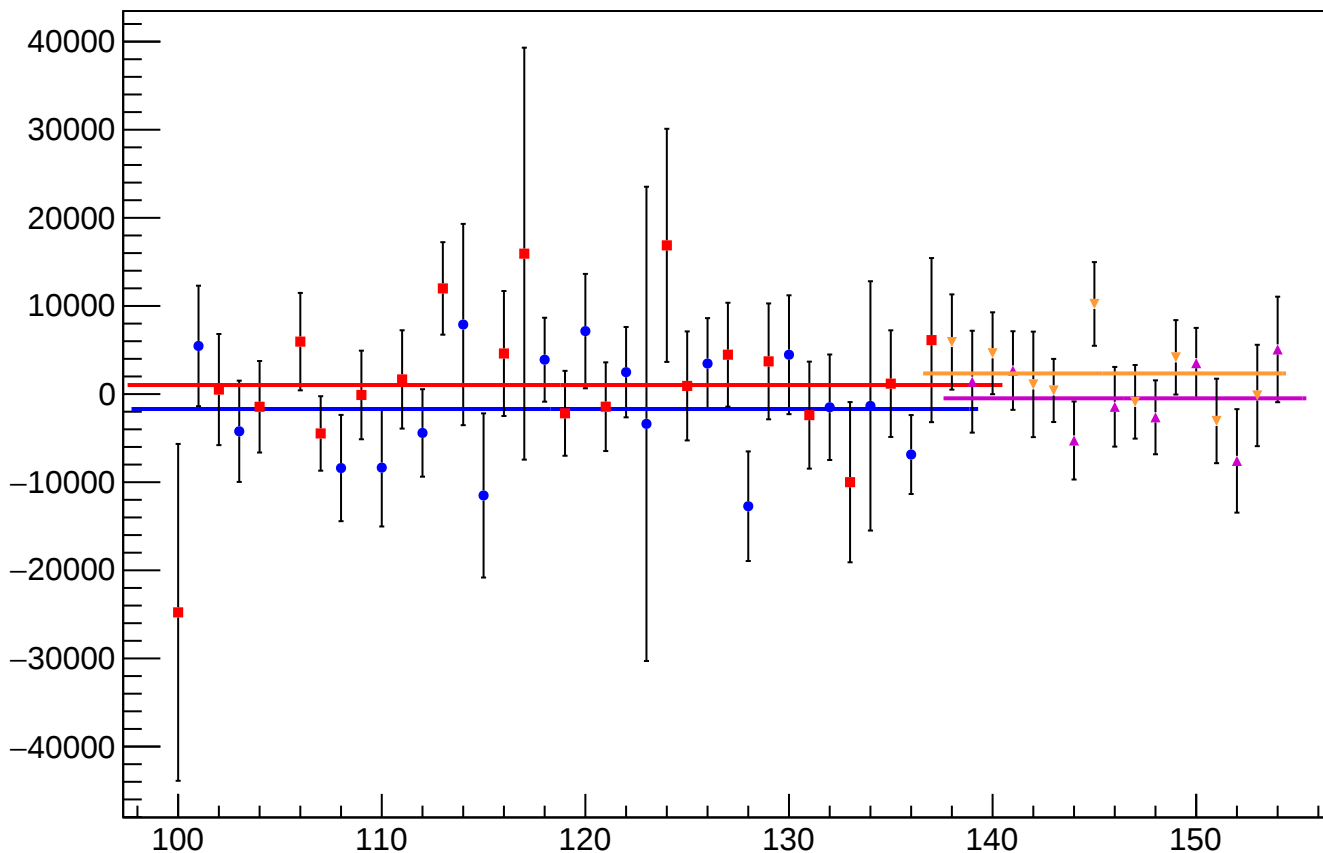
Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

Left In: 1386.403+/-0.383 χ^2/NDF : 32943.5/7

1472.341+/-0.293 χ^2/NDF : 997522.5/25

1450.530+/-0.283 χ^2/NDF : 726309.1/27

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604 ± 1512.935 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 2343.098 ± 1547.090 $\chi^2/\text{NDF}: 6.0/8$

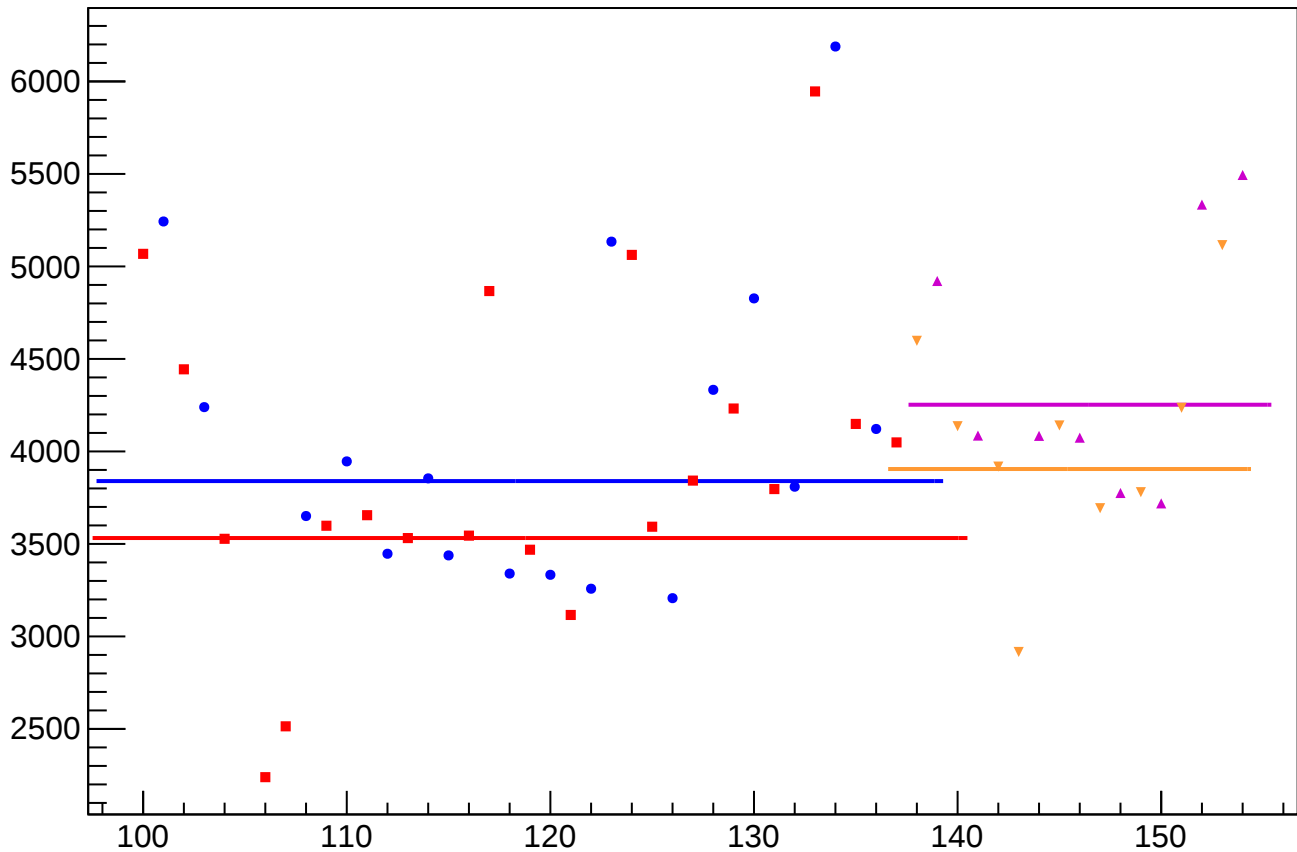
Right Out: 1029.768 ± 1376.481 $\chi^2/\text{NDF}: 14.3/19$

Left In: -481.474 ± 1675.638 $\chi^2/\text{NDF}: 5.4/7$

280.208 ± 1081.680 $\chi^2/\text{NDF}: 25.3/25$

420.864 ± 1063.623 $\chi^2/\text{NDF}: 20.2/27$

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 3904.956+/-1.094 χ^2/NDF :300158.3/8

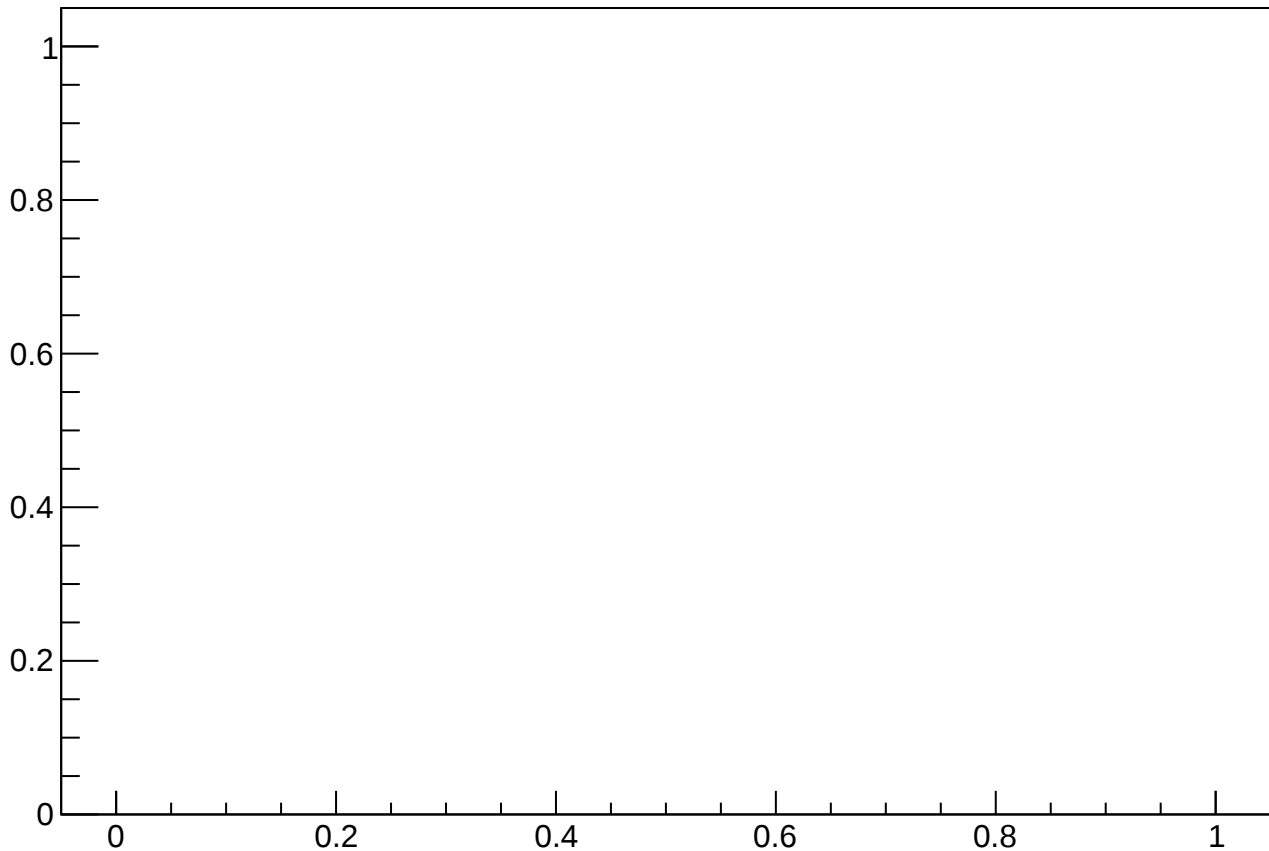
Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

Left In: 4252.425+/-1.185 χ^2/NDF :250829.7/7

3871.625+/-0.765 χ^2/NDF : 627933.6/25

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

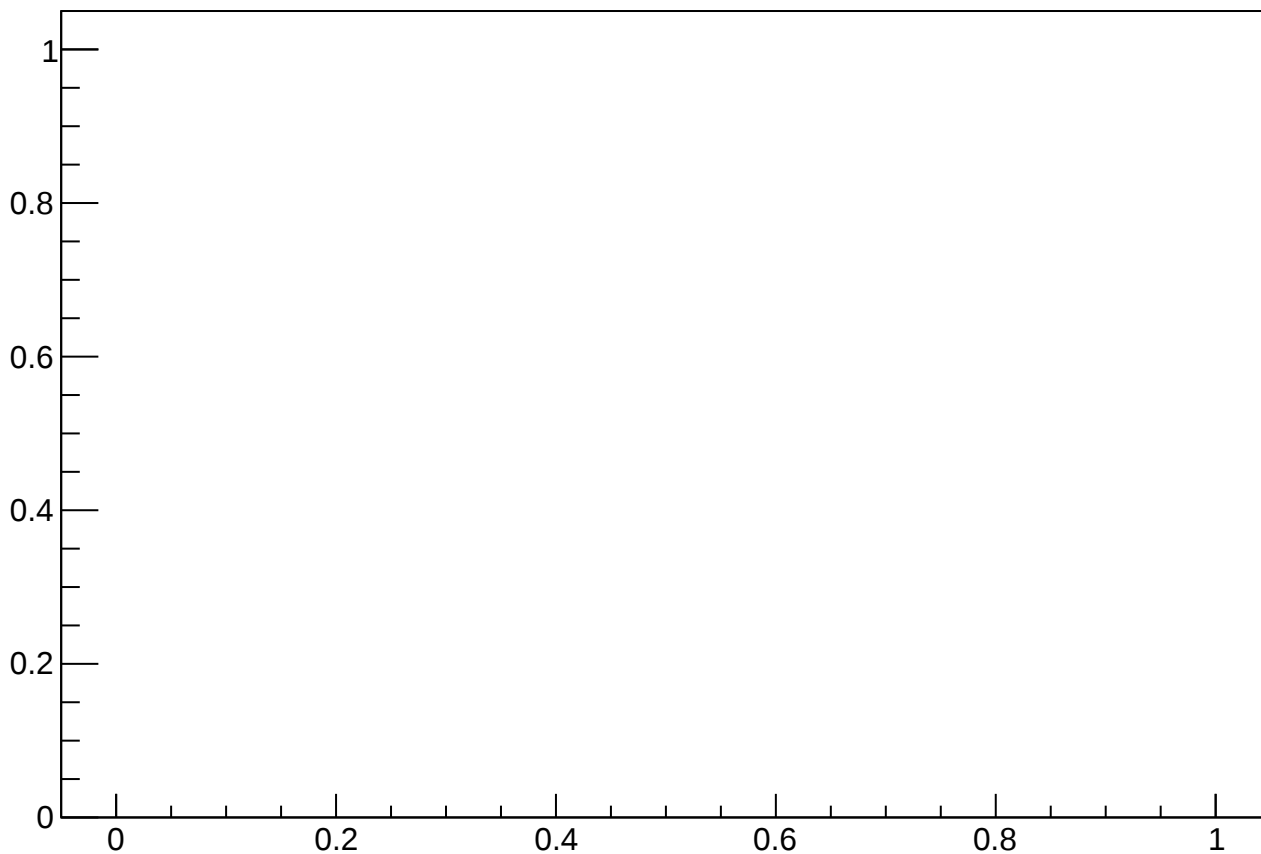
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

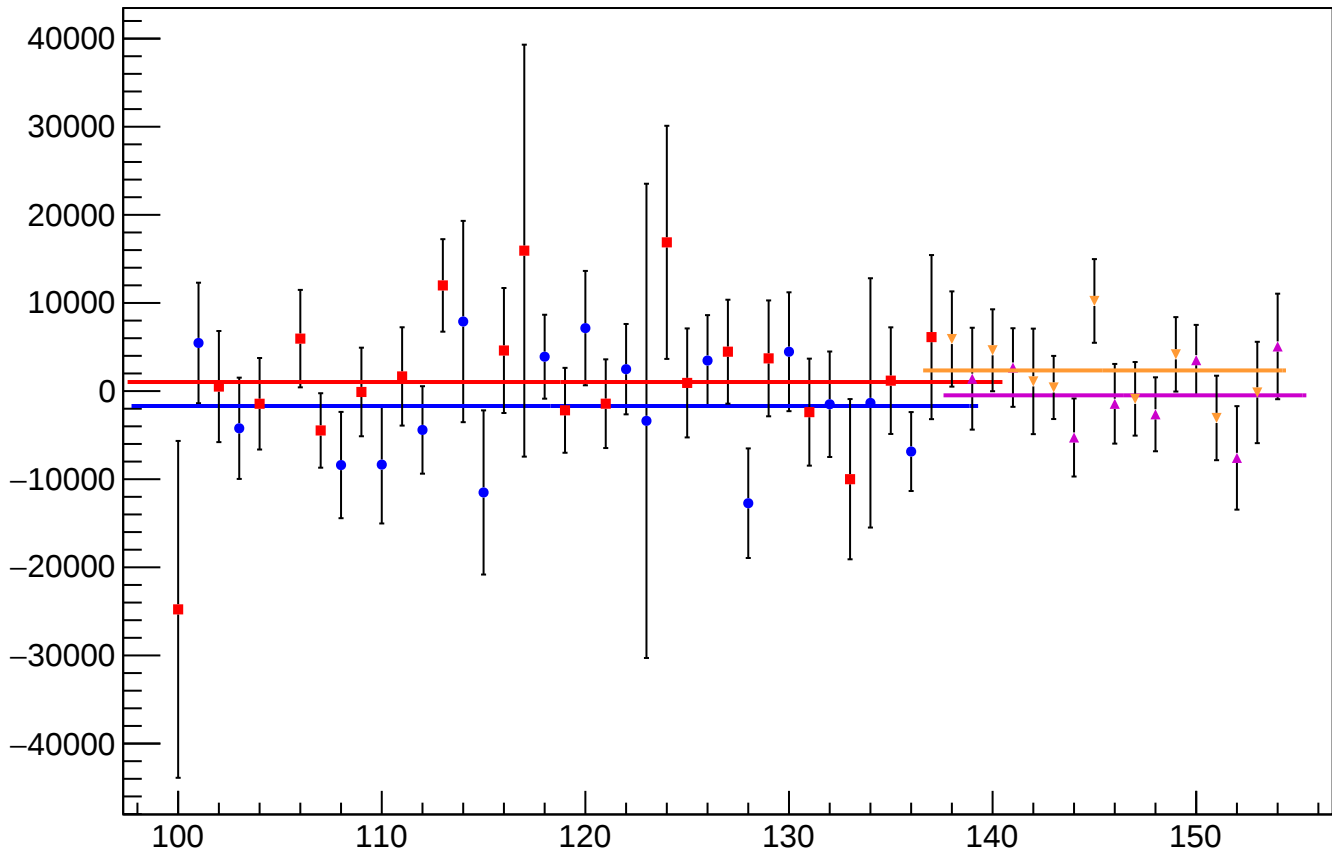
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2343.098 $\pm$ 1547.090 χ^2 /NDF: 6.0/8

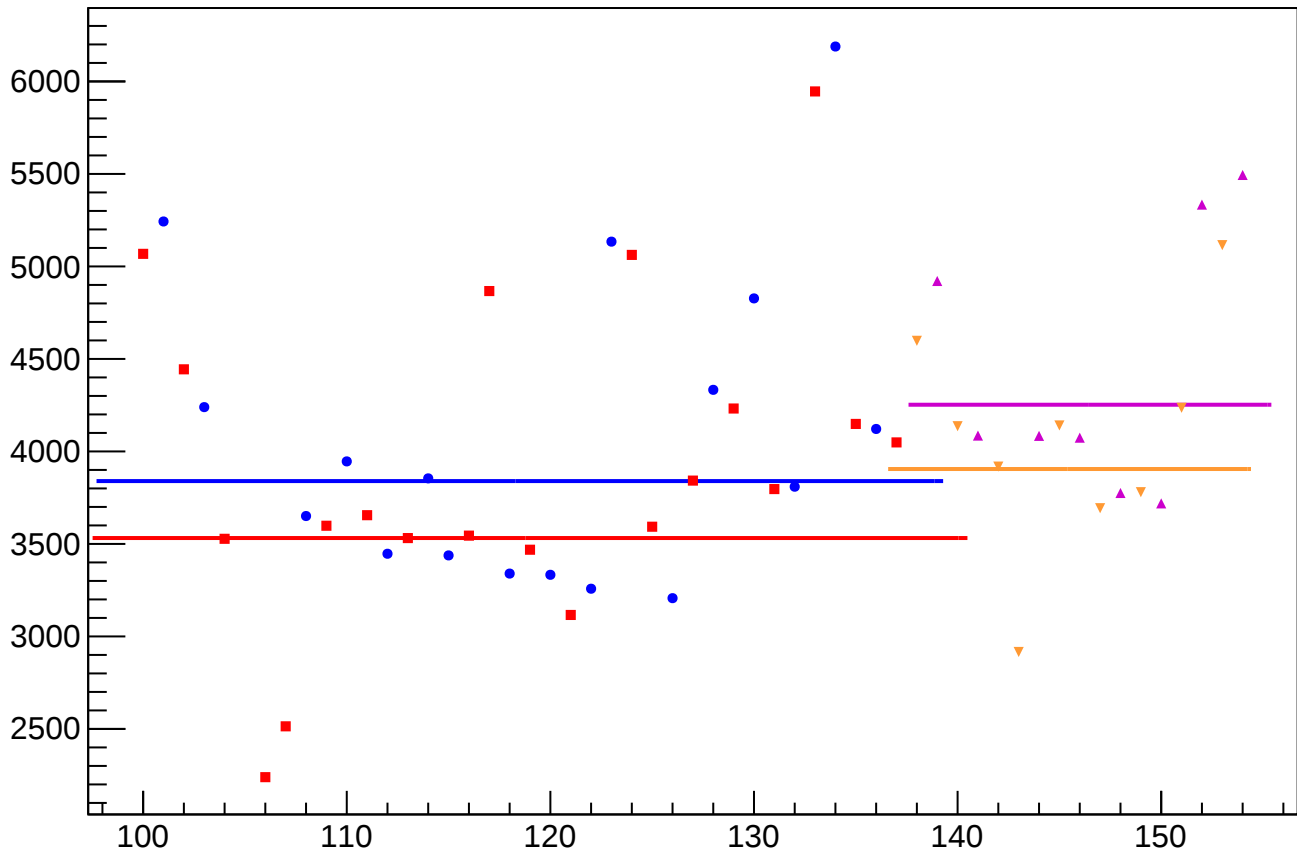
Right Out: 1029.768 $\pm$ 1376.481 χ^2 /NDF: 14.3/19

Left In: -481.474 $\pm$ 1675.638 χ^2 /NDF: 5.4/7

280.208 $\pm$ 1081.680 χ^2 /NDF: 25.3/25

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: 3904.956+/-1.094 χ^2/NDF : 300158.3/8

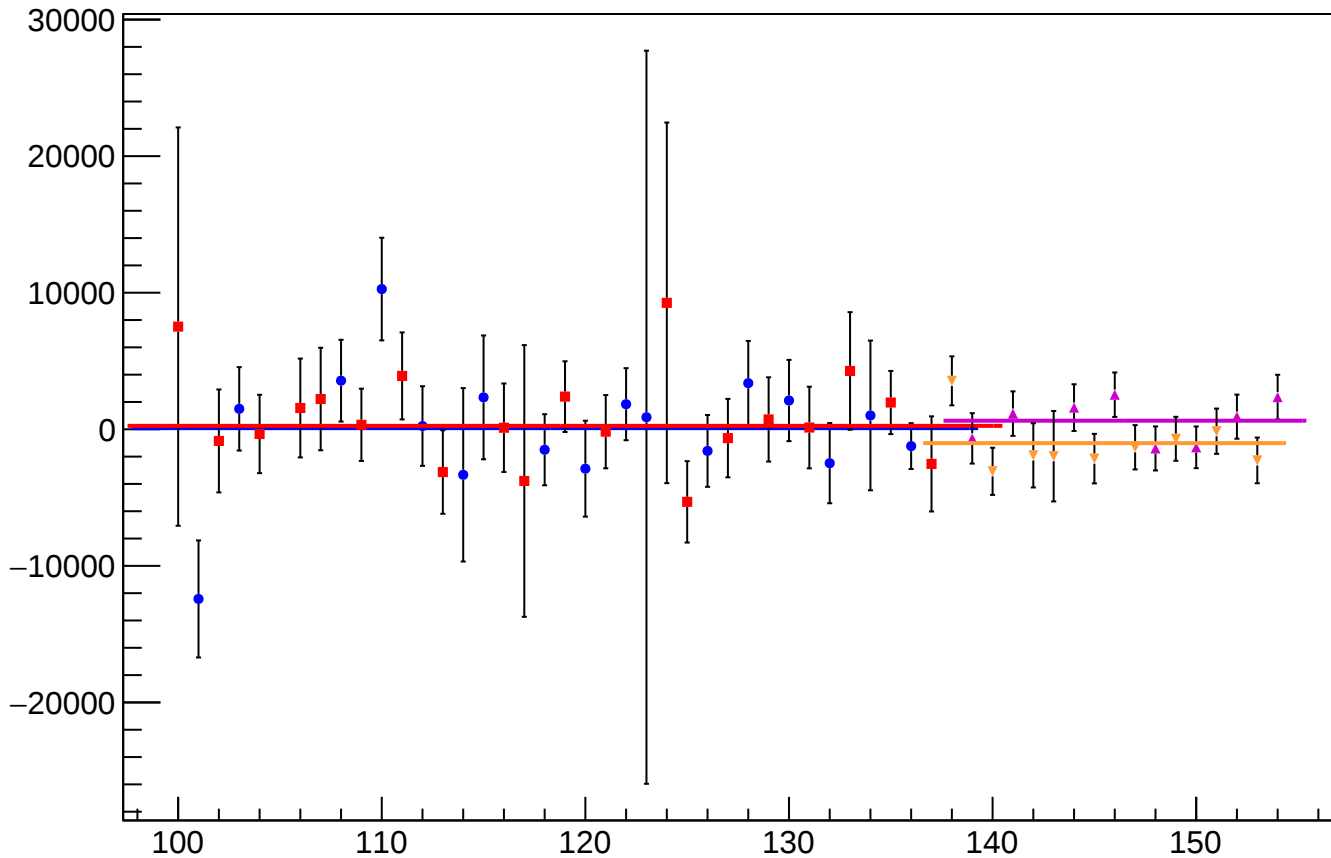
Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

Left In: 4252.425+/-1.185 χ^2/NDF : 250829.7/7

3871.625+/-0.765 χ^2/NDF : 627933.6/25

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: -1012.726 ± 607.511 χ^2/NDF : 9.4/8

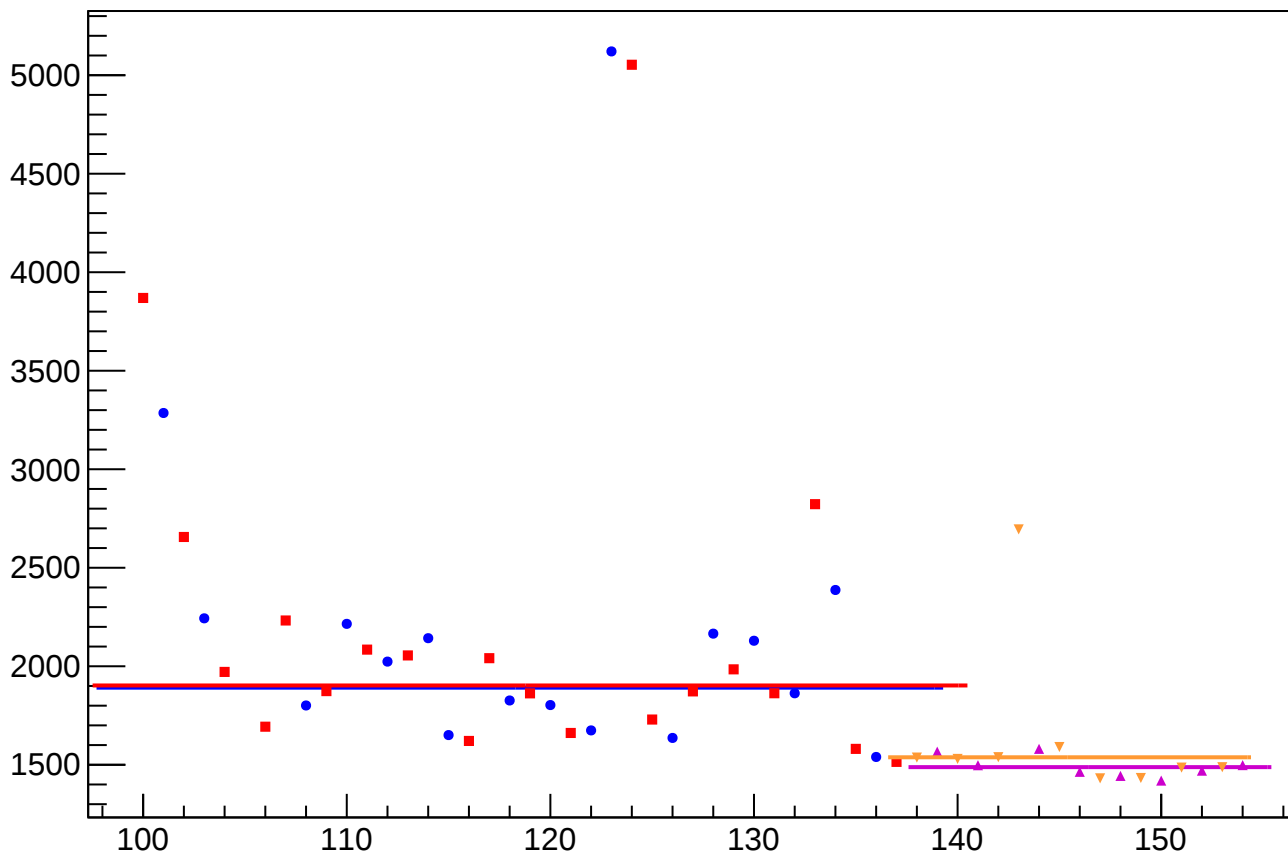
Right Out: 250.743 ± 732.124 χ^2/NDF : 10.3/19

Left In: 629.196 ± 581.239 χ^2/NDF : 6.6/7

-578.665 ± 472.208 χ^2/NDF : 33.6/25

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: 1538.020+/-0.430 χ^2/NDF : 266787.1/8

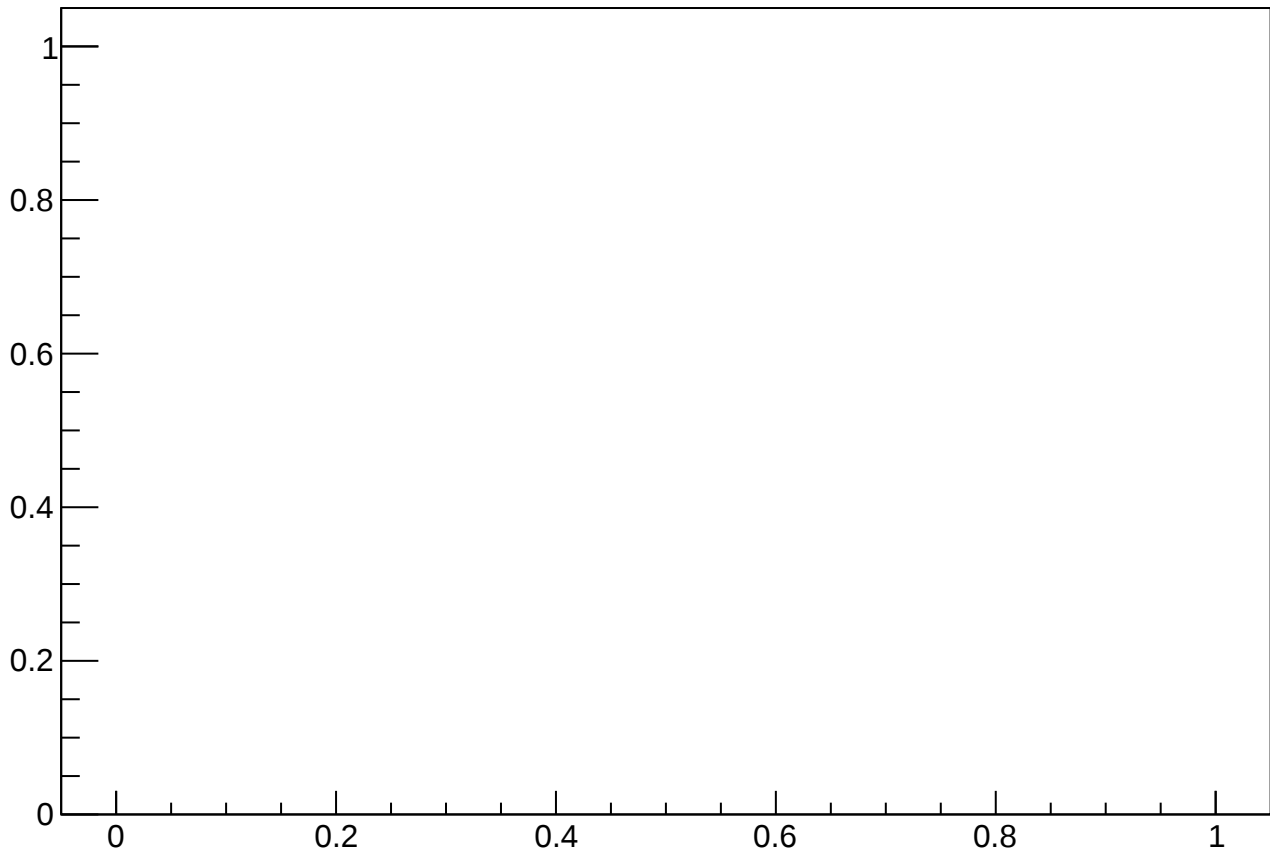
Right Out: 1902.551+/-0.518 χ^2/NDF : 461077.0/19

Left In: 1488.078+/-0.411 χ^2/NDF : 15864.8/7

1677.936+/-0.334 χ^2/NDF : 999290.6/25

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

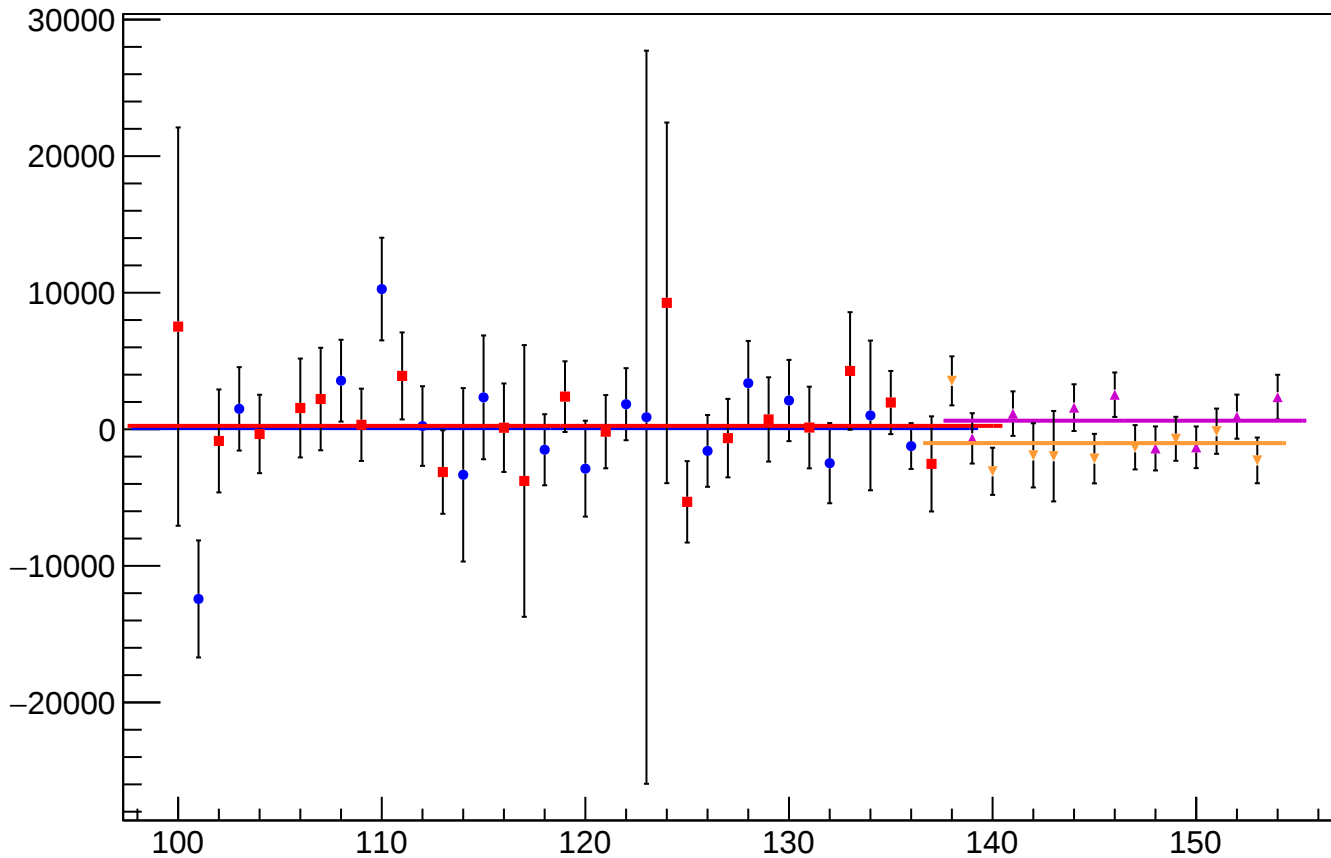
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 750.549 χ^2 /NDF: 22.9/16

Left Out: -1012.726 $\pm$ 607.511 χ^2 /NDF: 9.4/8

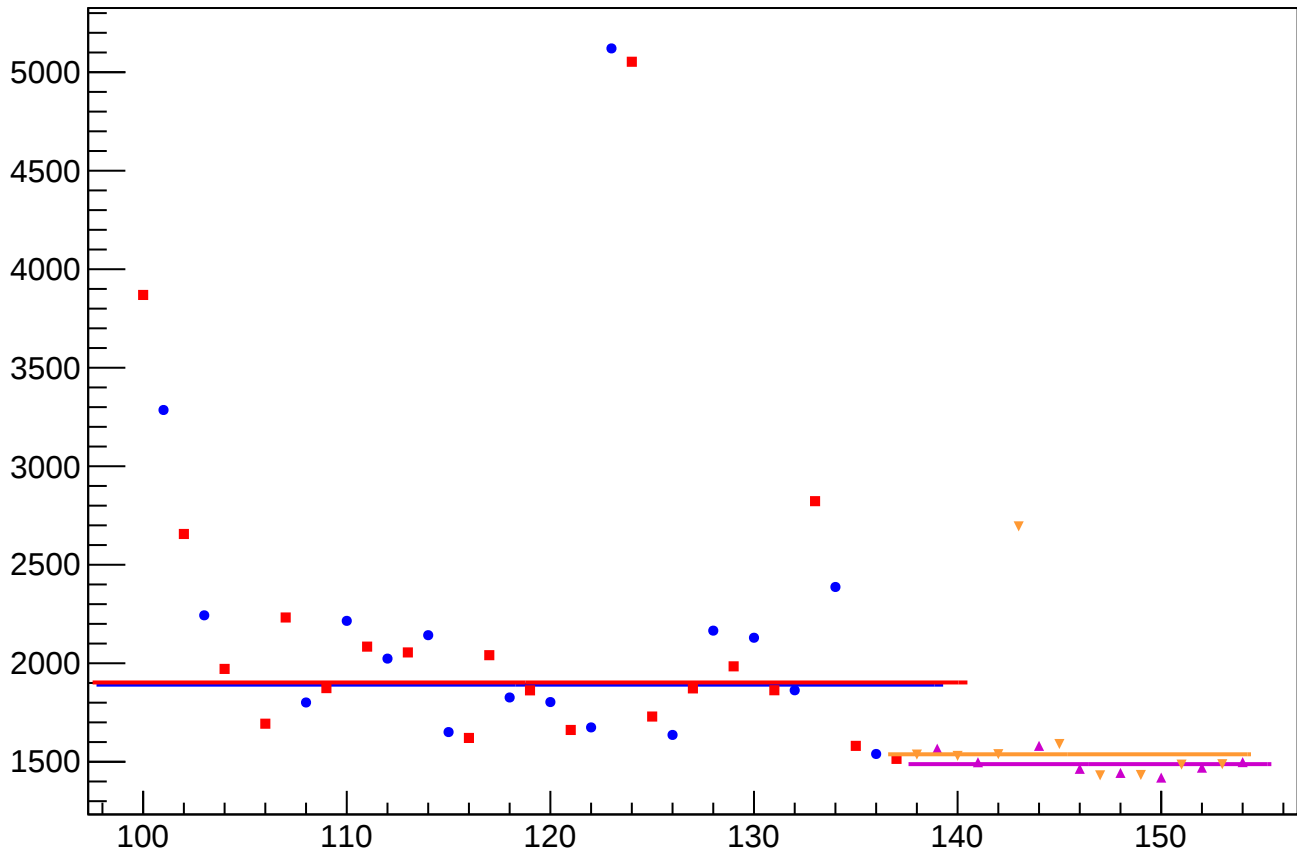
Right Out: 250.743 $\pm$ 732.124 χ^2 /NDF: 10.3/19

Left In: 629.196 $\pm$ 581.239 χ^2 /NDF: 6.6/7

-578.665 $\pm$ 472.208 χ^2 /NDF: 33.6/25

482.882 $\pm$ 455.221 χ^2 /NDF: 17.1/27

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492+/-0.531 χ^2/NDF : 464497.5/16

Left Out: 1538.020+/-0.430 χ^2/NDF : 266787.1/8

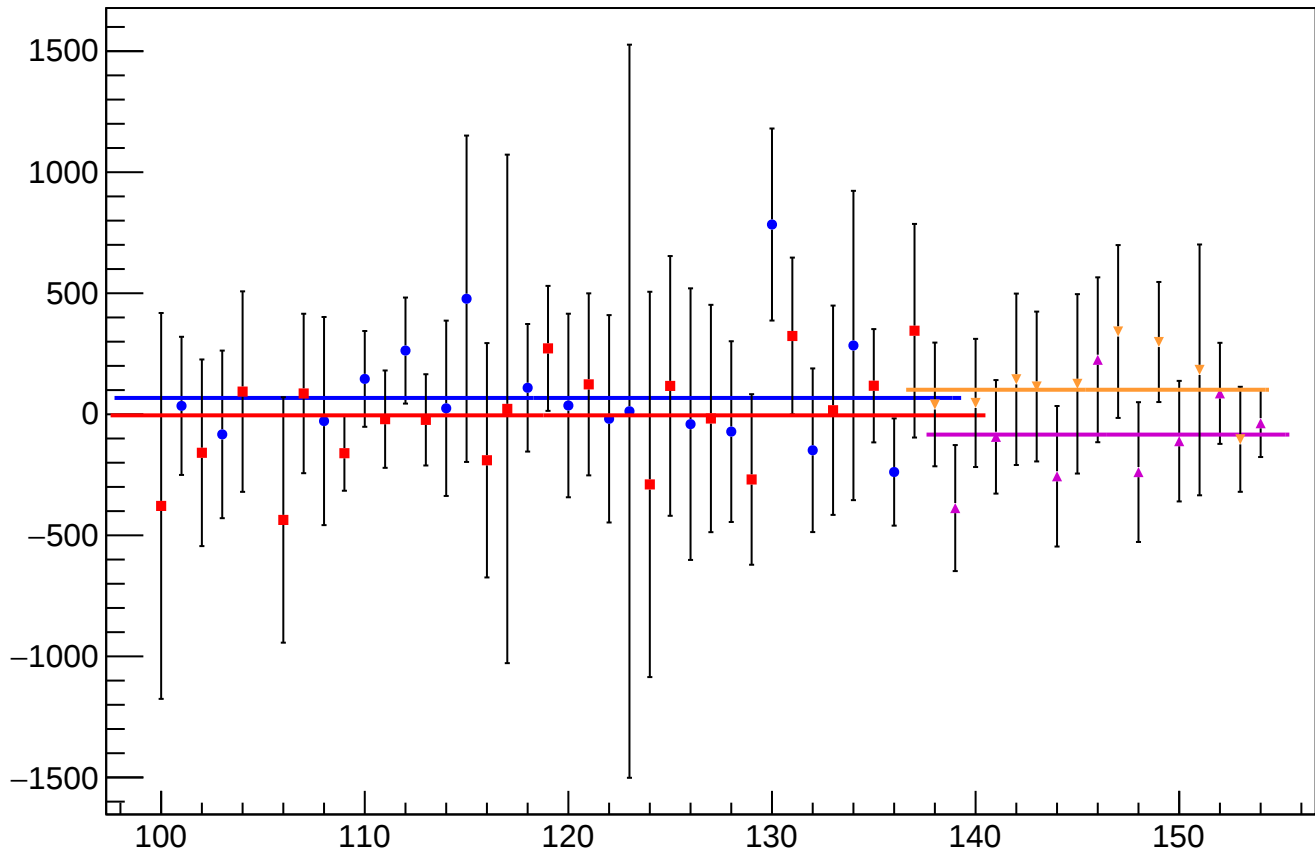
Right Out: 1902.551+/-0.518 χ^2/NDF : 461077.0/19

Left In: 1488.078+/-0.411 χ^2/NDF : 15864.8/7

1677.936+/-0.334 χ^2/NDF : 999290.6/25

1648.321+/-0.322 χ^2/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: 101.399 $\pm$ 97.881 χ^2/NDF : 2.1/8

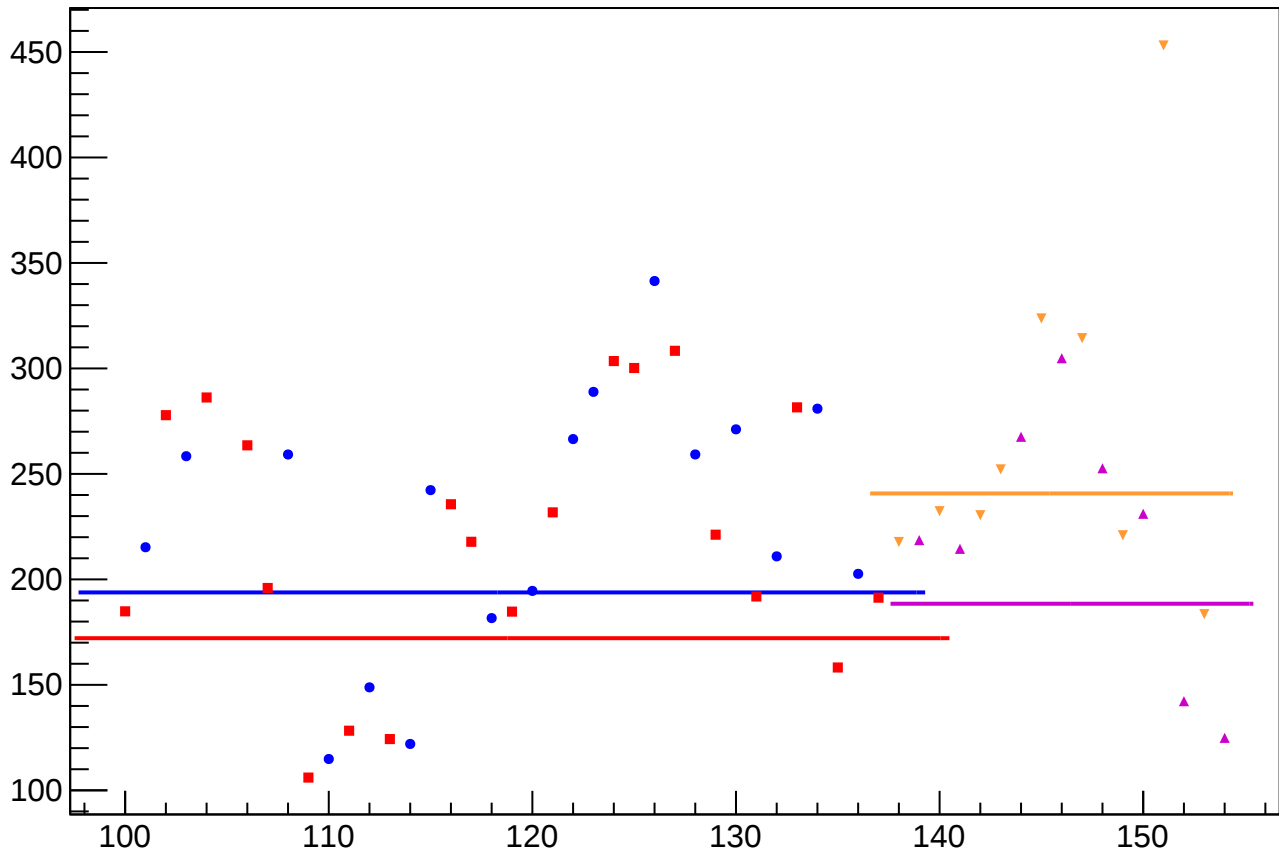
Right Out: -4.305 $\pm$ 69.854 χ^2/NDF : 6.4/19

Left In: -83.862 $\pm$ 80.121 χ^2/NDF : 3.6/7

81.021 $\pm$ 61.760 χ^2/NDF : 9.7/25

-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: 240.730+/-0.069 χ^2/NDF : 696026.7/8

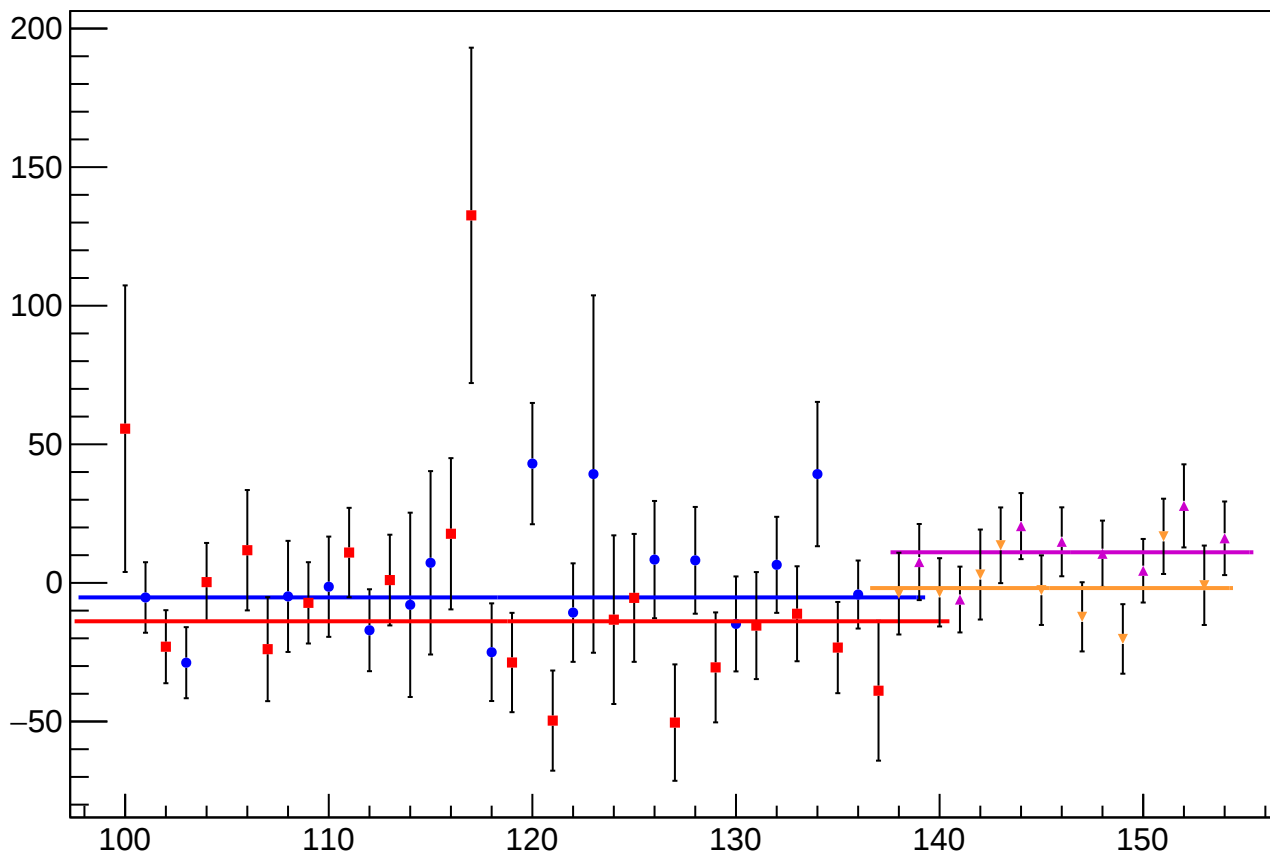
212.493+/-0.044 χ^2/NDF : 1982887.9/25

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+/-4.356 χ^2/NDF : 15.5/16

Left Out: -1.865+/-4.483 χ^2/NDF : 6.1/8

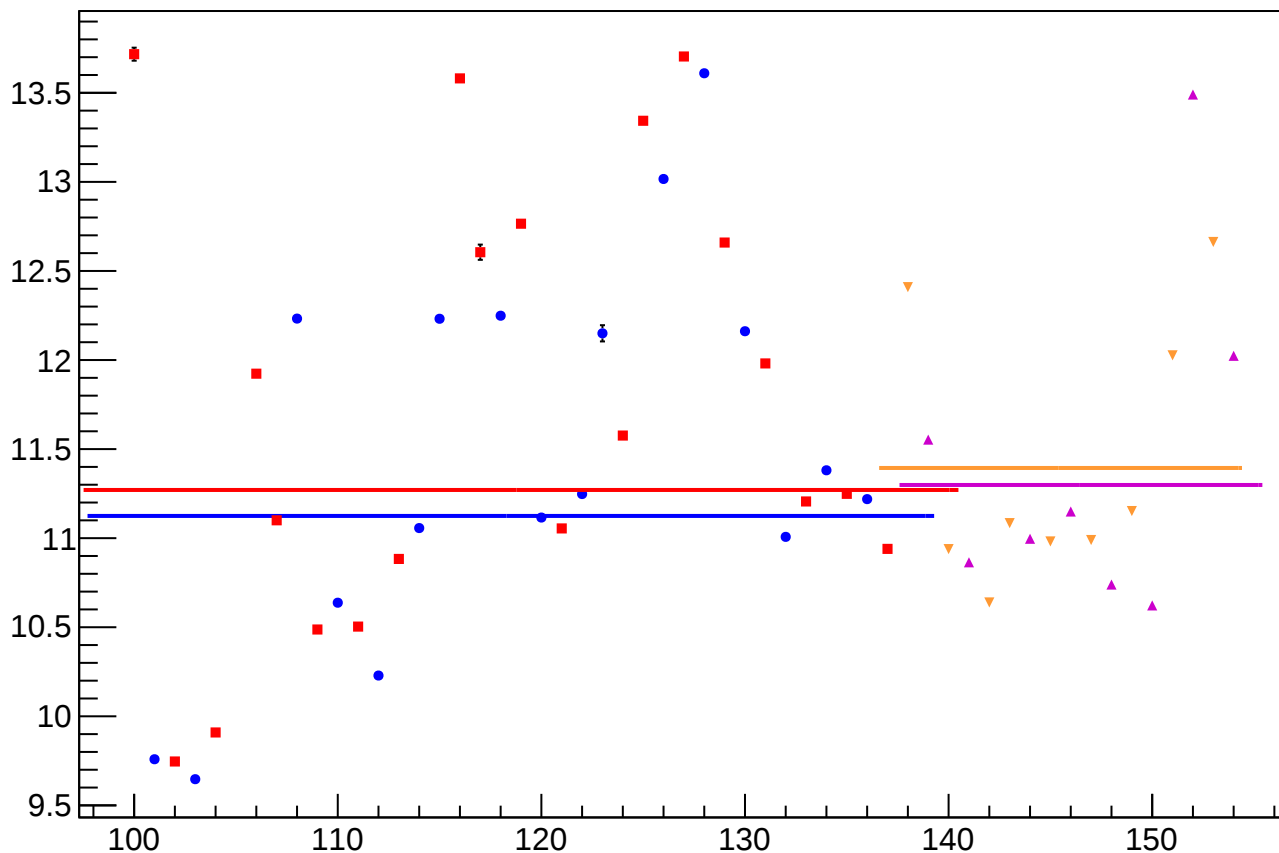
Right Out: -13.851+/-4.255 χ^2/NDF : 25.4/19

Left In: 11.047+/-4.445 χ^2/NDF : 4.6/7

-3.596+/-3.124 χ^2/NDF : 21.9/25

-1.946+/-3.073 χ^2/NDF : 46.4/27

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.125 $\pm$ 0.003 χ^2 /NDF: 132520.1/16

Left Out: 11.394 $\pm$ 0.003 χ^2 /NDF: 42579.0/8

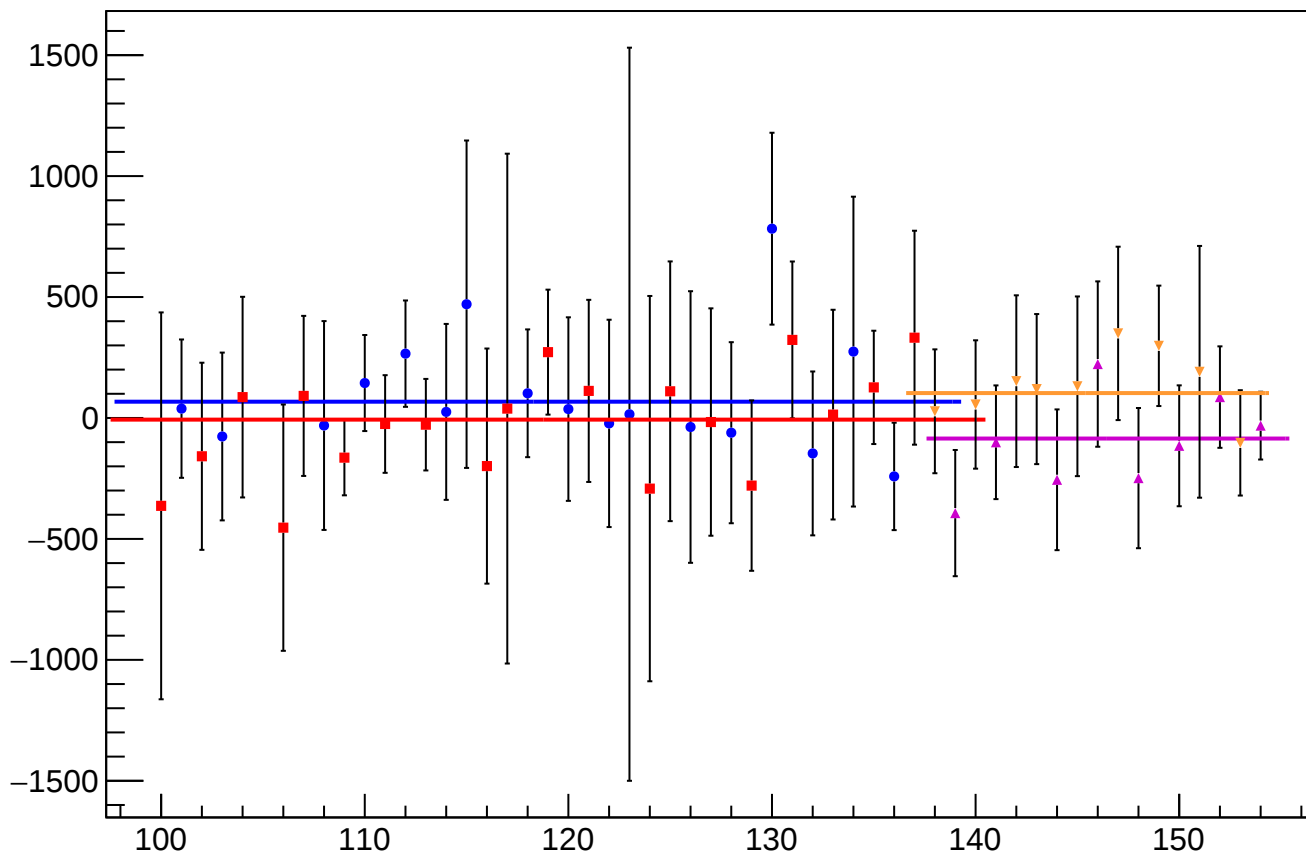
Right Out: 11.271 $\pm$ 0.003 χ^2 /NDF: 148711.4/19

Left In: 11.299 $\pm$ 0.003 χ^2 /NDF: 64963.4/7

11.256 $\pm$ 0.002 χ^2 /NDF: 178809.8/25

11.284 $\pm$ 0.002 χ^2 /NDF: 213716.2/27

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 67.305 $\pm$ 79.817 χ^2/NDF : 7.5/16

Left Out: 102.964 $\pm$ 98.183 χ^2/NDF : 2.2/8

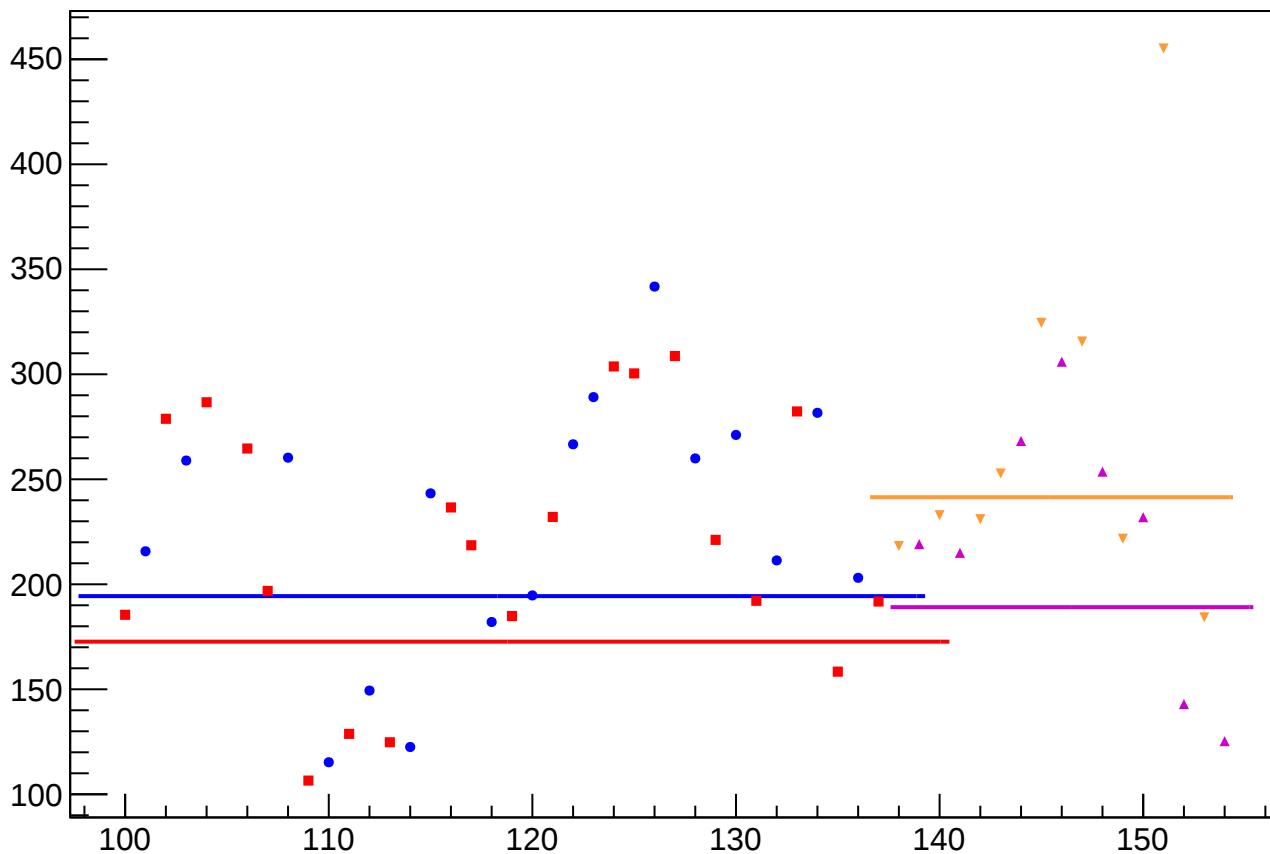
Right Out: -6.837 $\pm$ 70.057 χ^2/NDF : 6.4/19

Left In: -85.026 $\pm$ 80.392 χ^2/NDF : 3.7/7

81.494 $\pm$ 61.934 χ^2/NDF : 9.7/25

-40.585 $\pm$ 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: 241.467+/-0.069 χ^2/NDF : 696289.4/8

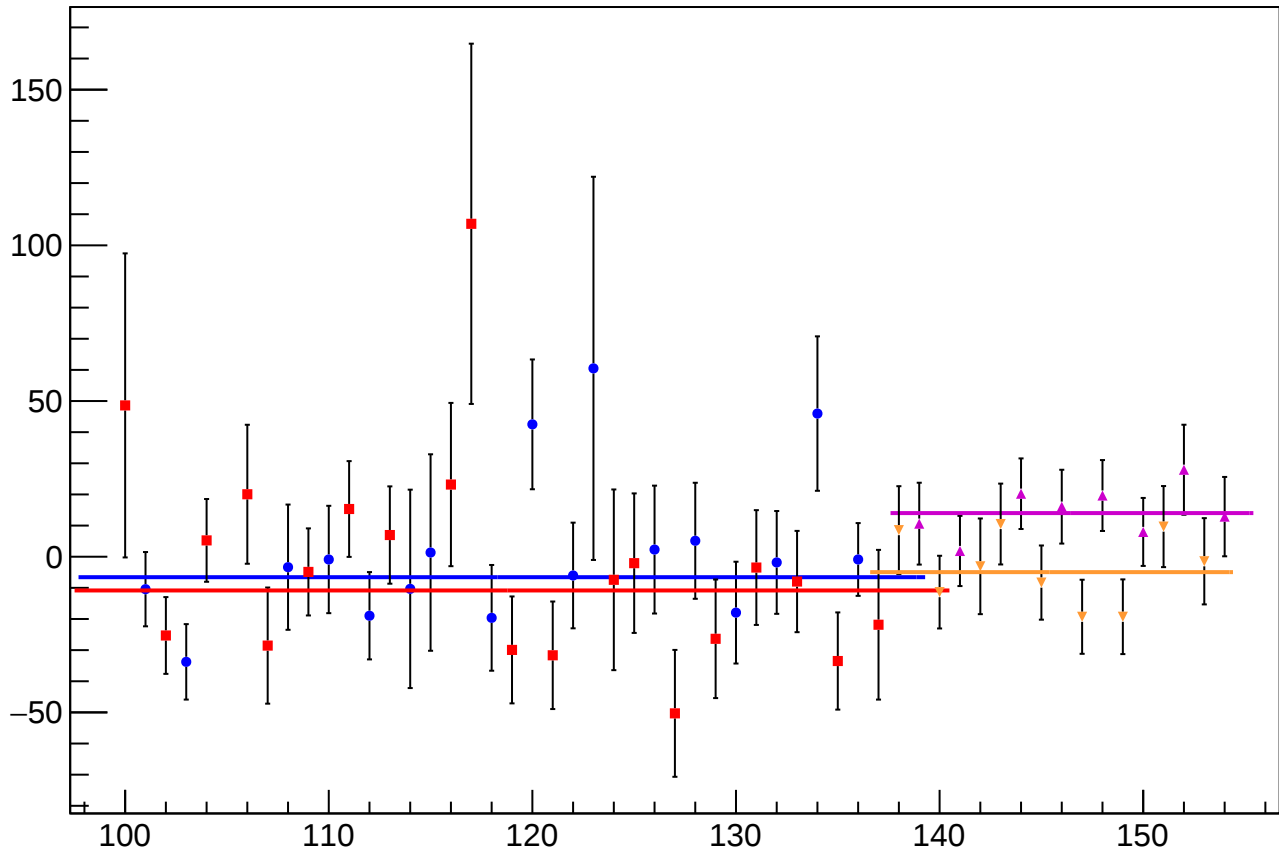
213.107+/-0.044 χ^2/NDF : 1978659.2/25

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

-5.786+/-2.981 χ^2/NDF : 26.3/25

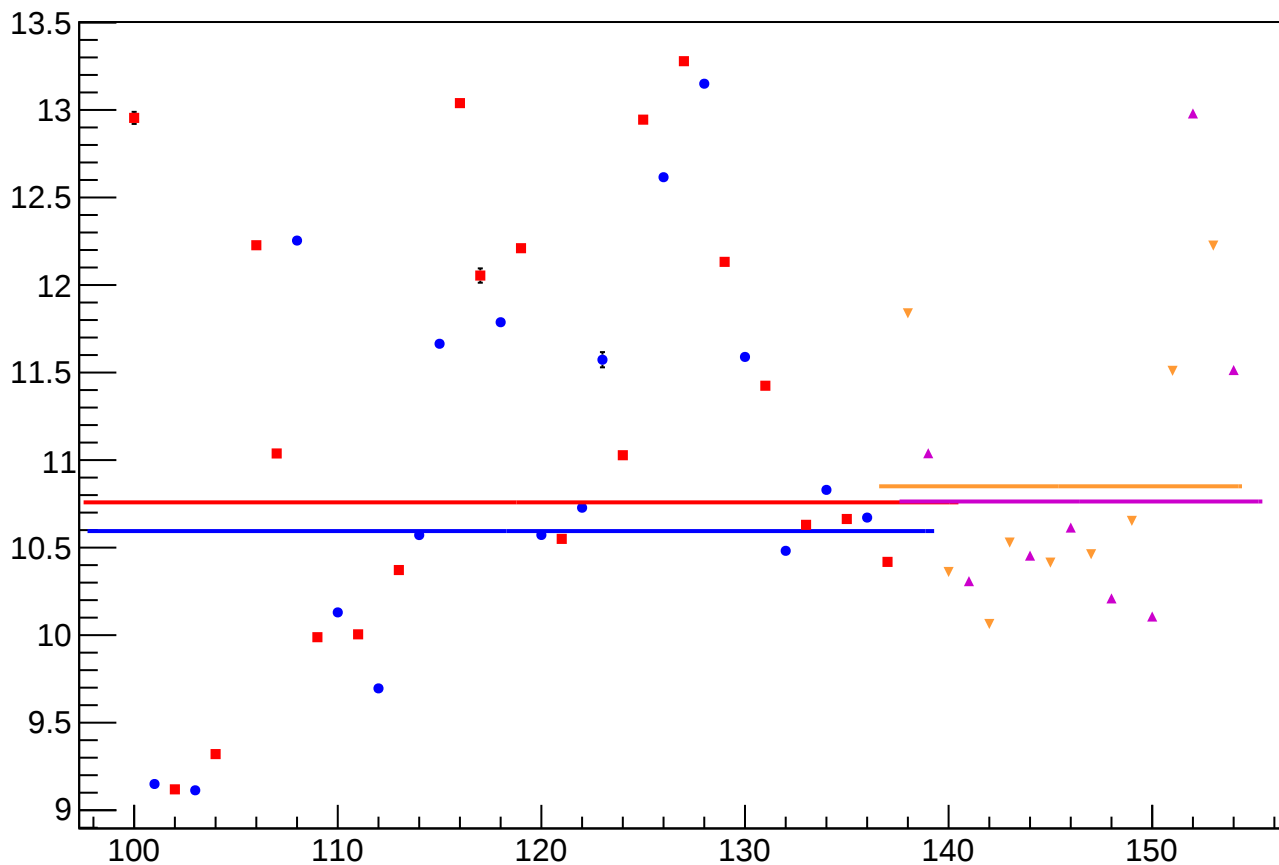
Left Out: -4.950+/-4.276 χ^2/NDF : 6.9/8

Right Out: -10.838+/-4.070 χ^2/NDF : 27.1/19

1.076+/-2.936 χ^2/NDF : 48.1/27

Left In: 14.014+/-4.241 χ^2/NDF : 3.1/7

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: 10.850 $\pm$ 0.003 χ^2 /NDF: 49964.6/8

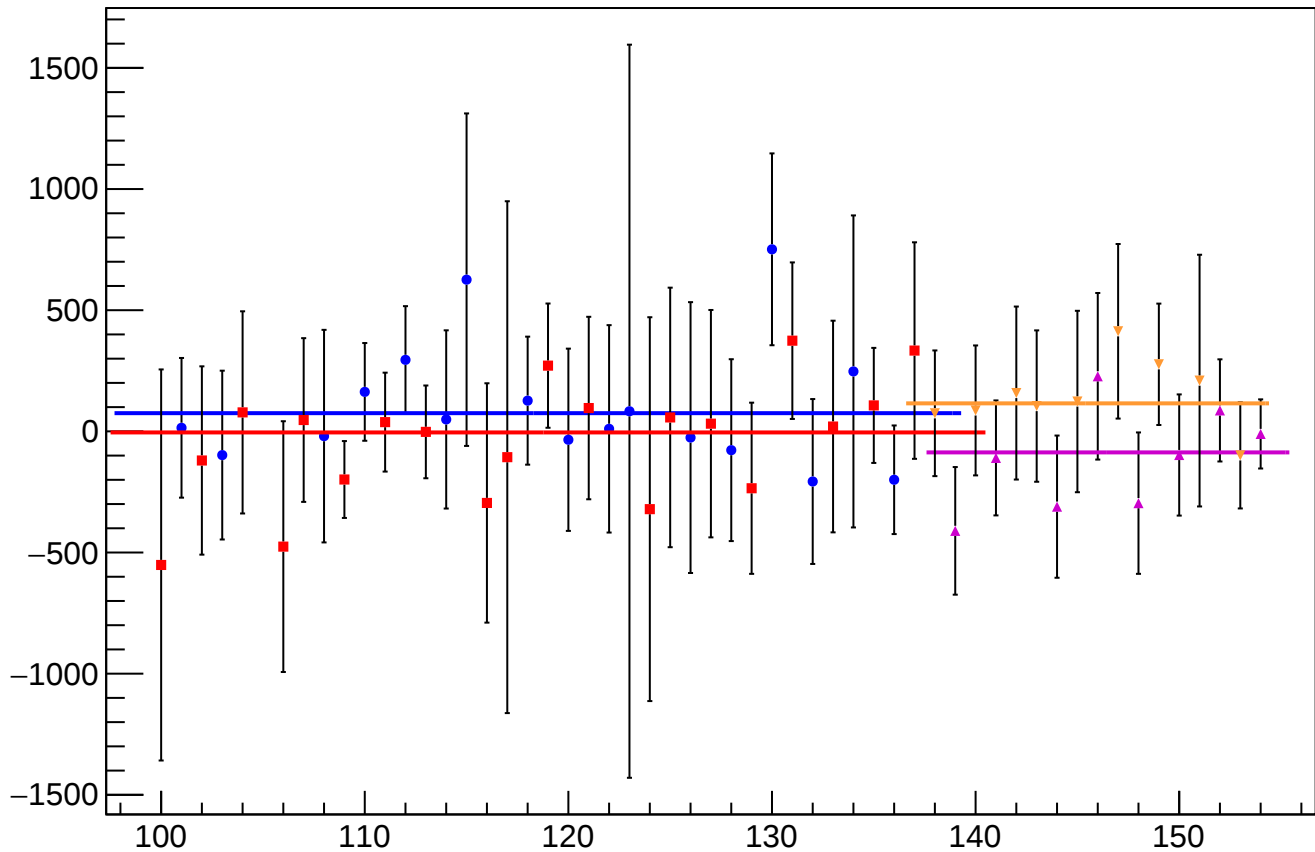
Right Out: 10.758 $\pm$ 0.003 χ^2 /NDF: 178180.9/19

Left In: 10.763 $\pm$ 0.003 χ^2 /NDF: 71890.9/7

10.719 $\pm$ 0.002 χ^2 /NDF: 213701.7/25

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: 115.534 $\pm$ 98.925 χ^2 /NDF: 2.1/8

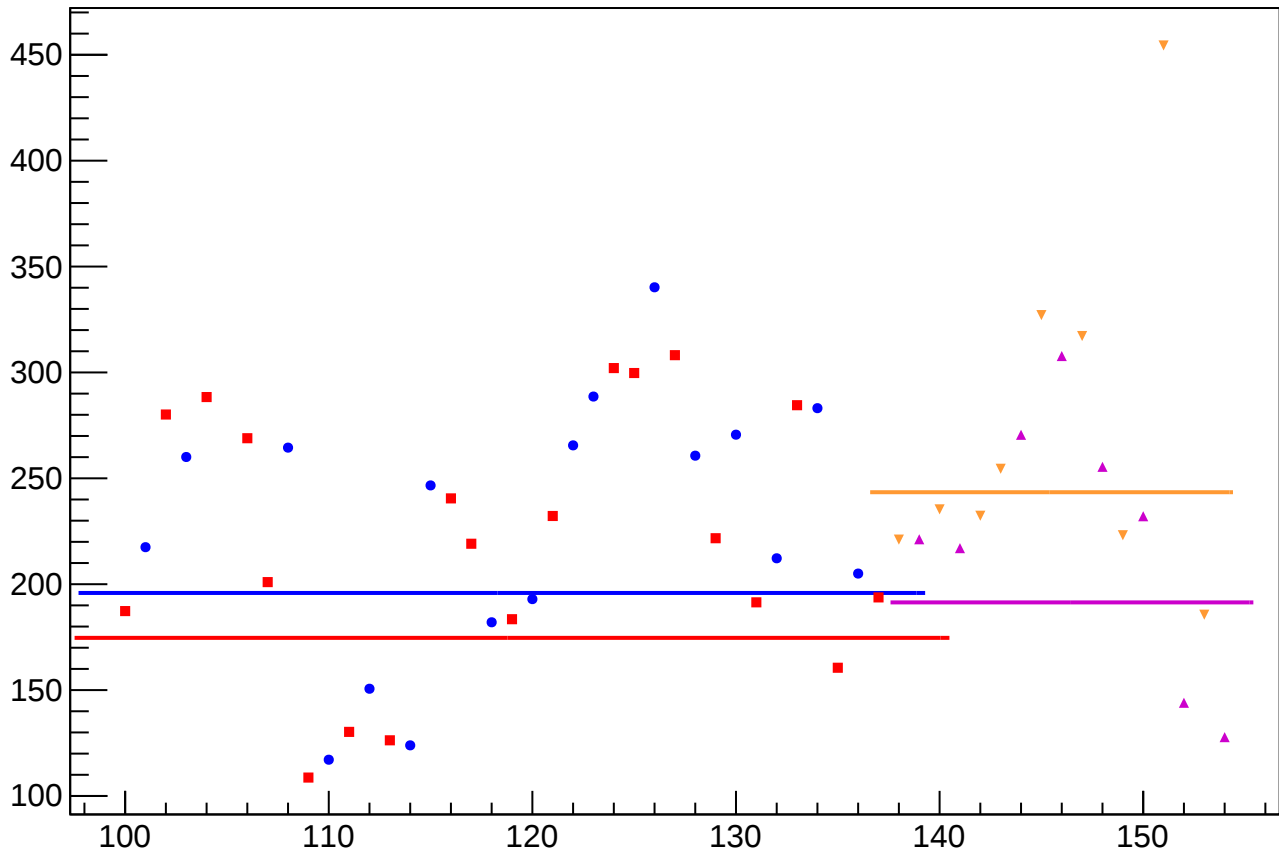
Right Out: -4.459 $\pm$ 70.724 χ^2 /NDF: 7.3/19

Left In: -86.856 $\pm$ 81.213 χ^2 /NDF: 4.4/7

91.164 $\pm$ 62.370 χ^2 /NDF: 9.9/25

-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: 243.439+/-0.070 χ^2/NDF : 687310.8/8

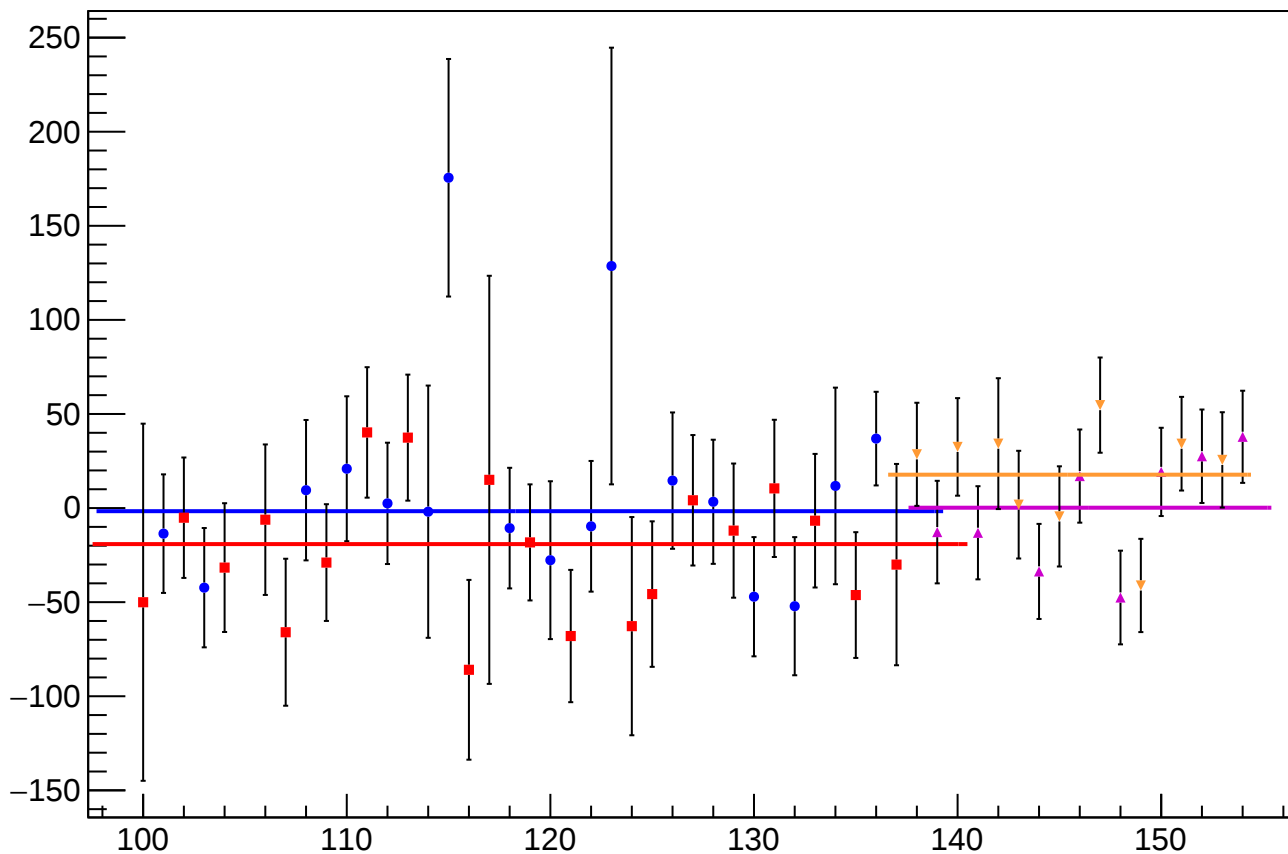
214.778+/-0.044 χ^2/NDF : 1945205.1/25

Right Out: 174.665+/-0.050 χ^2/NDF : 1532335.9/19

181.886+/-0.038 χ^2/NDF : 2652235.7/27

Left In: 191.407+/-0.057 χ^2/NDF : 1071564.7/7

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: 17.740 ± 8.893 χ^2/NDF : 10.0/8

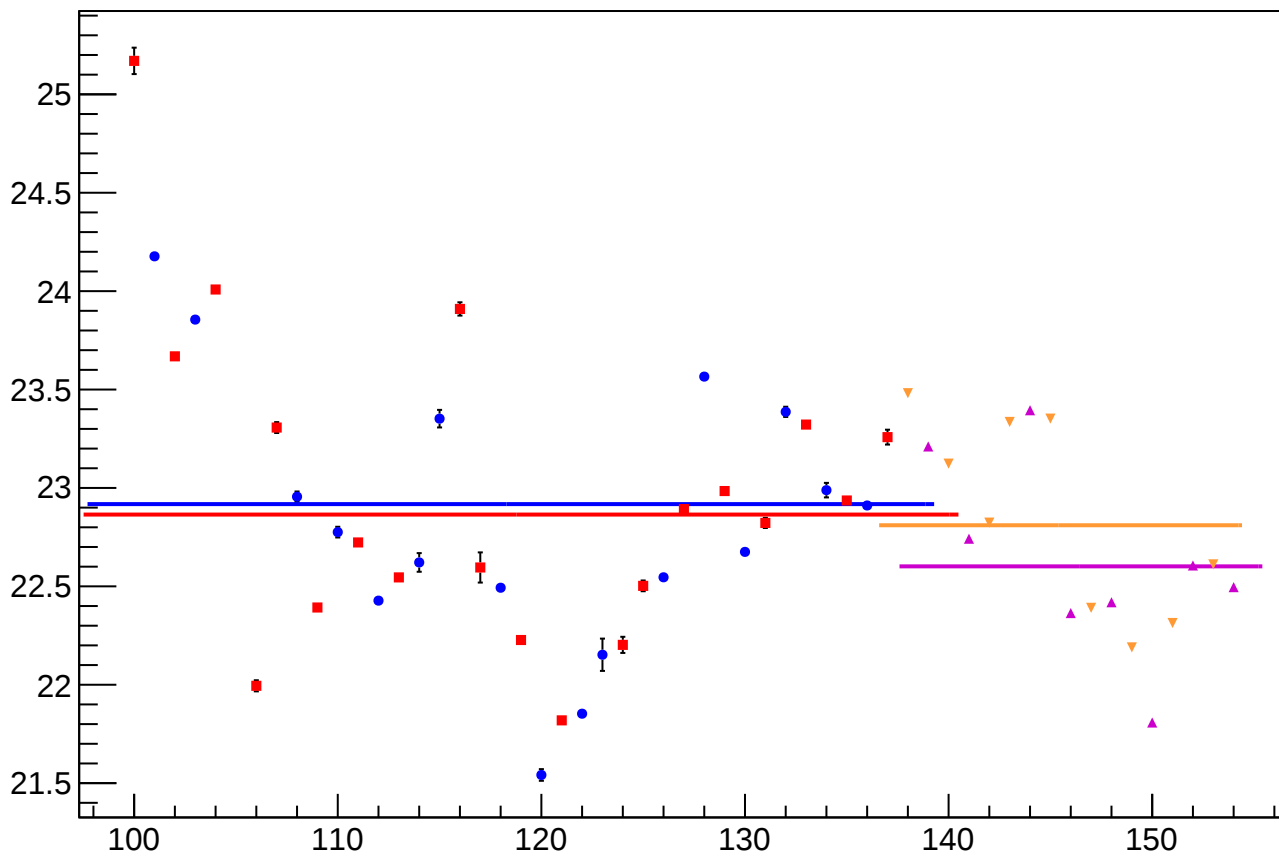
Right Out: -19.145 ± 8.529 χ^2/NDF : 14.9/19

Left In: 0.189 ± 8.805 χ^2/NDF : 10.7/7

8.030 ± 6.284 χ^2/NDF : 30.9/25

-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 χ^2/NDF : 11472.2/16

Left Out: 22.810 ± 0.006 χ^2/NDF : 5718.2/8

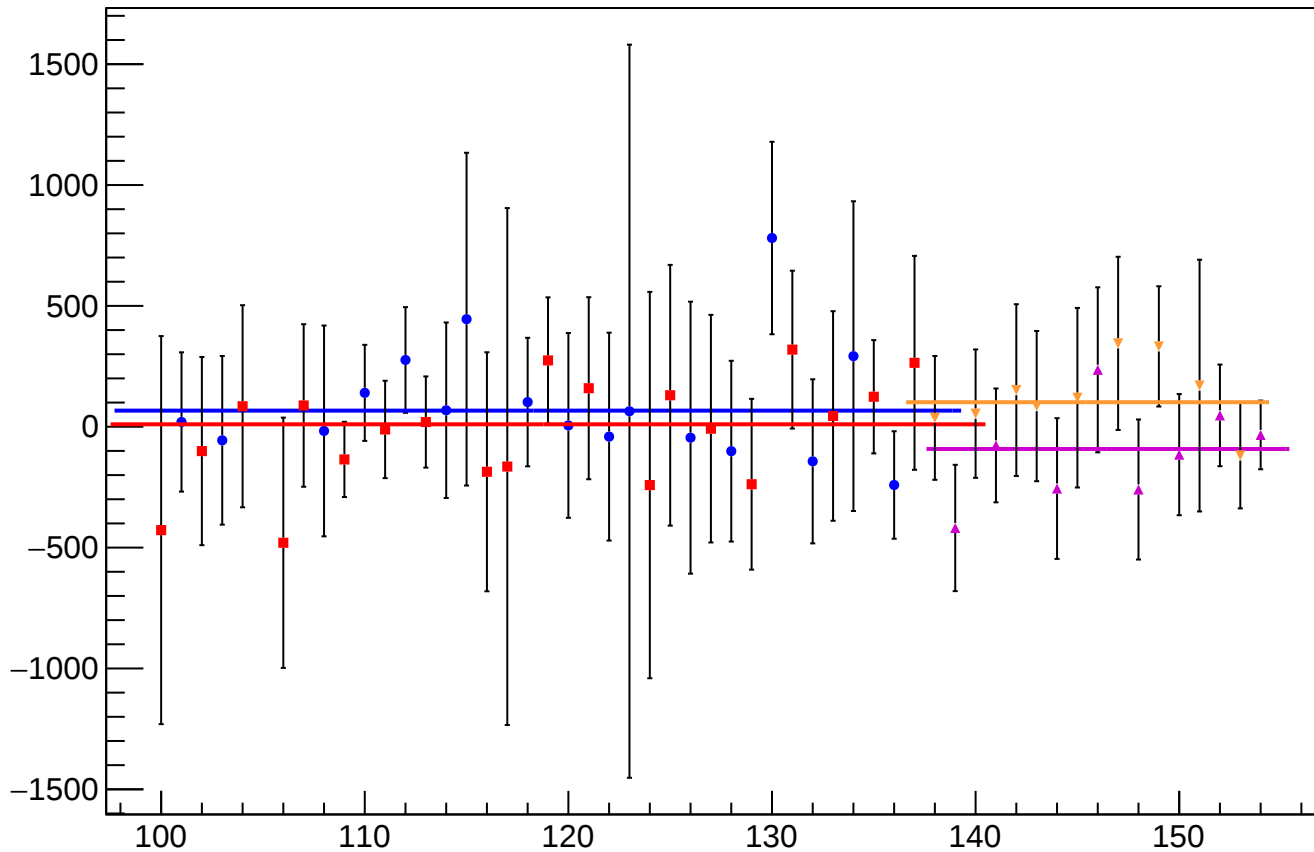
Right Out: 22.865 ± 0.006 χ^2/NDF : 11064.9/19

Left In: 22.602 ± 0.006 χ^2/NDF : 5654.3/7

22.864 ± 0.004 χ^2/NDF : 17336.7/25

22.737 ± 0.004 χ^2/NDF : 17641.0/27

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 66.701 $\pm$ 79.995 χ^2/NDF : 7.5/16

Left Out: 101.508 $\pm$ 98.342 χ^2/NDF : 2.5/8

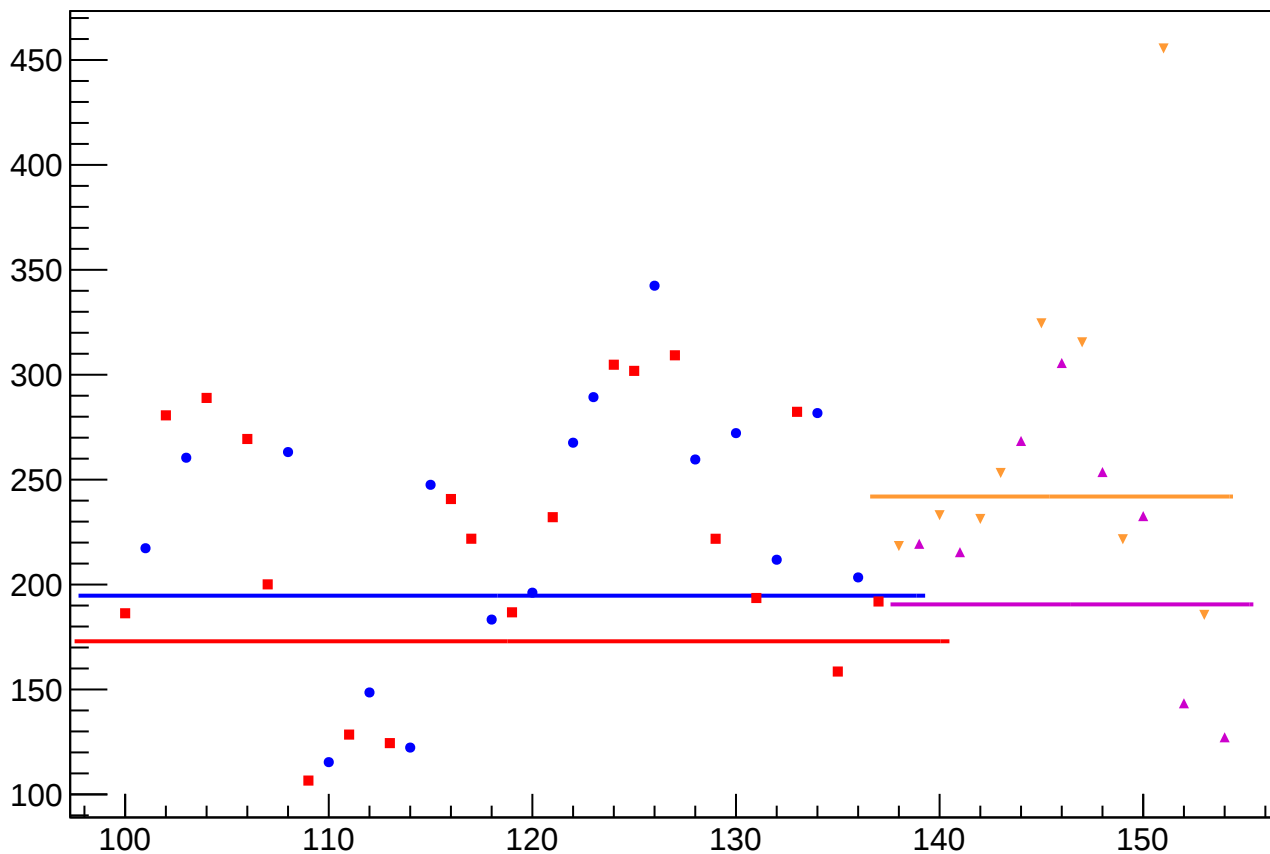
Right Out: 10.113 $\pm$ 70.234 χ^2/NDF : 5.7/19

Left In: -91.934 $\pm$ 80.857 χ^2/NDF : 3.8/7

80.561 $\pm$ 62.057 χ^2/NDF : 10.1/25

-33.771 $\pm$ 53.024 χ^2/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: 241.956+/-0.070 χ^2/NDF : 688794.7/8

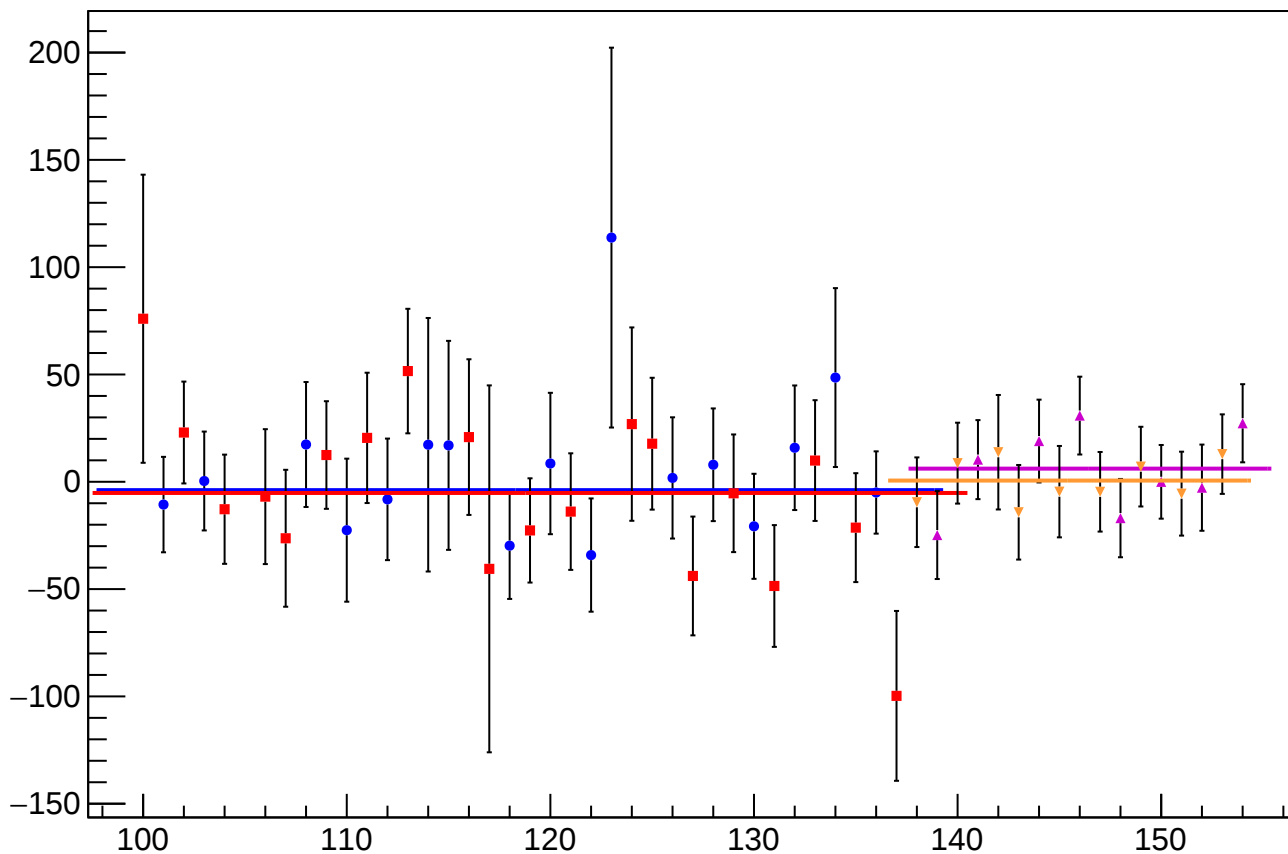
Right Out: 172.965+/-0.050 χ^2/NDF : 1601142.0/19

Left In: 190.547+/-0.057 χ^2/NDF : 1065469.9/7

213.519+/-0.044 χ^2/NDF : 1986556.8/25

180.526+/-0.037 χ^2/NDF : 2720511.7/27

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: 0.571 ± 6.724 $\chi^2/\text{NDF}: 1.9/8$

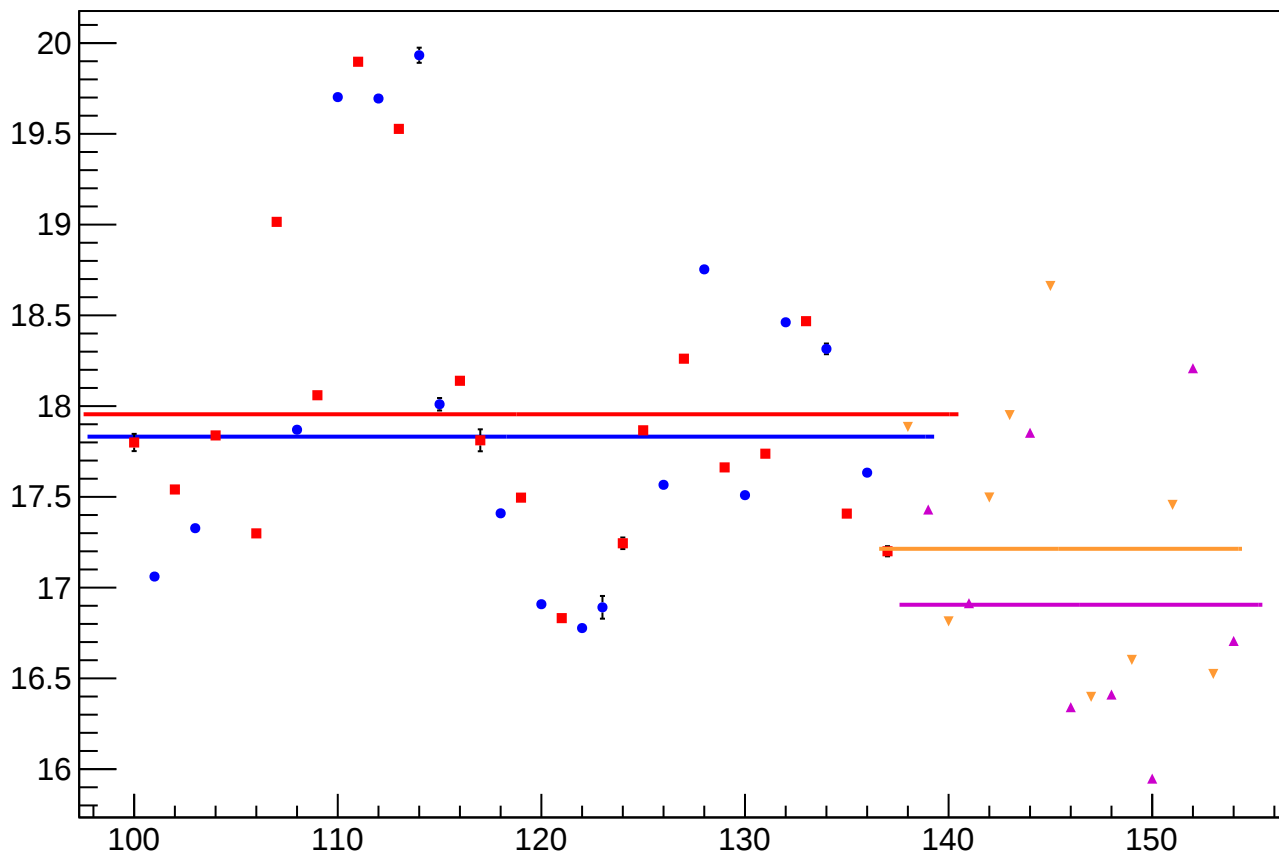
Right Out: -5.204 ± 6.706 $\chi^2/\text{NDF}: 21.5/19$

Left In: 6.130 ± 6.600 $\chi^2/\text{NDF}: 7.9/7$

-1.599 ± 4.821 $\chi^2/\text{NDF}: 10.5/25$

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 $\pm$ 0.005 χ^2 /NDF: 30863.4/16

Left Out: 17.214 $\pm$ 0.005 χ^2 /NDF: 23792.3/8

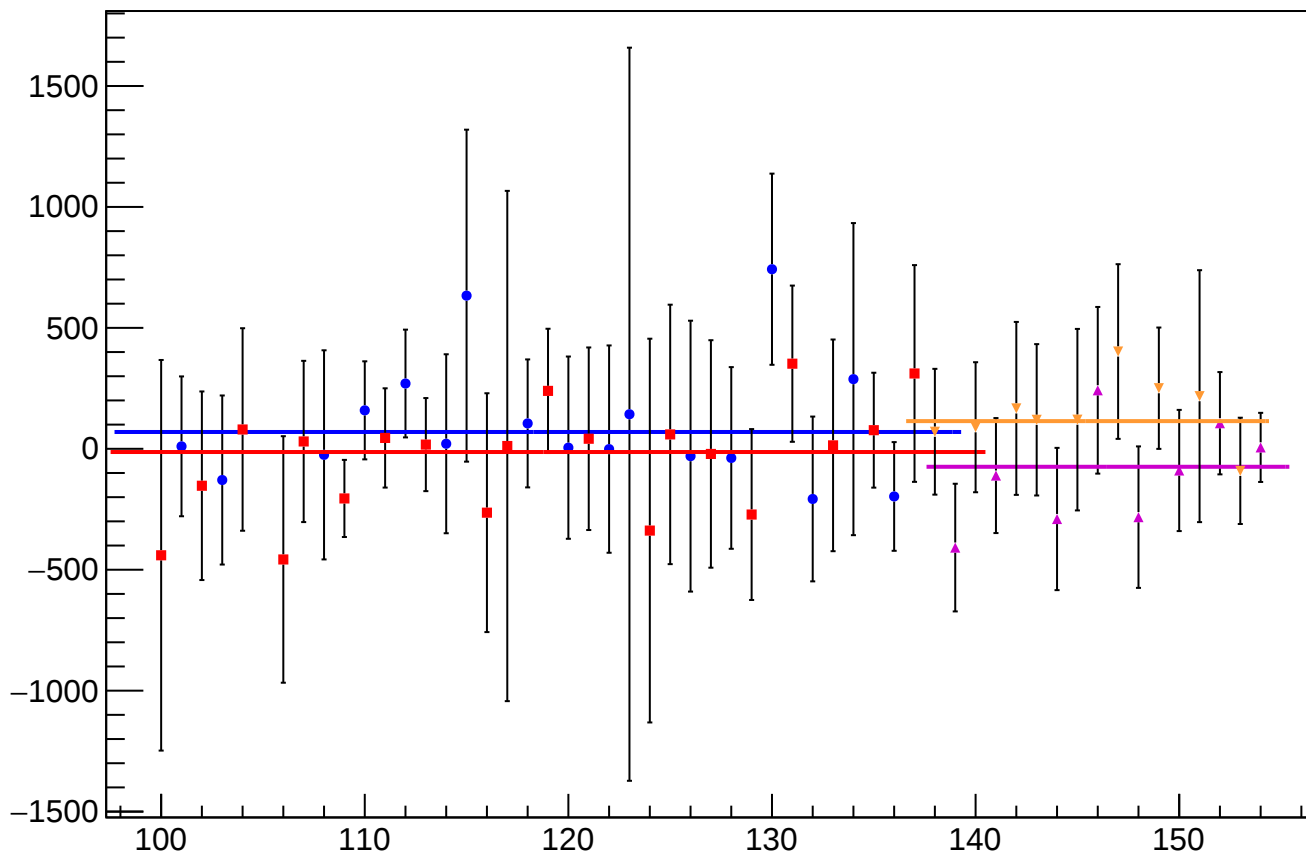
Right Out: 17.955 $\pm$ 0.005 χ^2 /NDF: 25454.6/19

Left In: 16.906 $\pm$ 0.005 χ^2 /NDF: 24430.1/7

17.514 $\pm$ 0.003 χ^2 /NDF: 62863.4/25

17.422 $\pm$ 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 $\chi^2/\text{NDF}: 7.4/16$

Left Out: 114.445 ± 99.148 $\chi^2/\text{NDF}: 1.9/8$

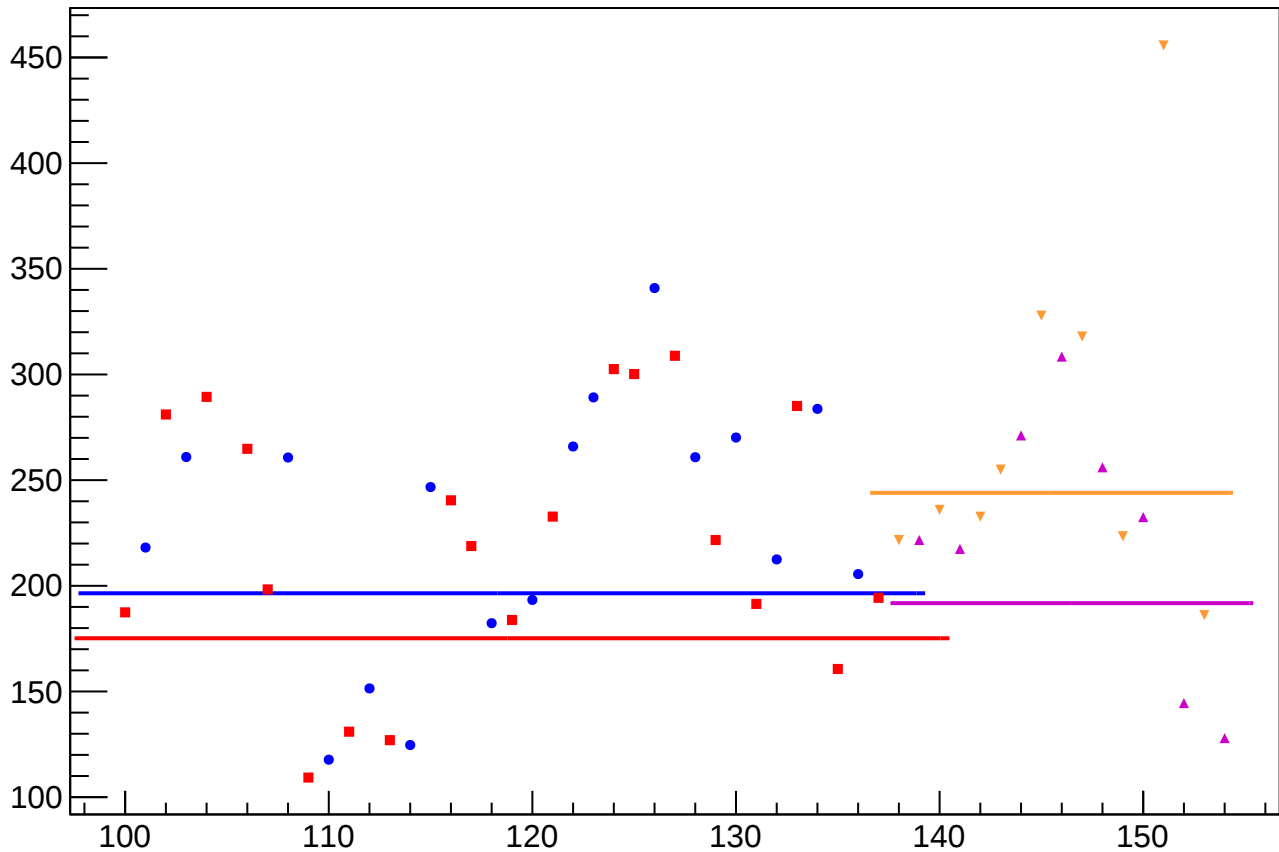
Right Out: -13.298 ± 70.881 $\chi^2/\text{NDF}: 6.7/19$

Left In: -74.323 ± 81.382 $\chi^2/\text{NDF}: 4.6/7$

87.377 ± 62.518 $\chi^2/\text{NDF}: 9.4/25$

-39.621 ± 53.450 $\chi^2/\text{NDF}: 11.6/27$

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: 243.990+/-0.070 χ^2/NDF : 687385.2/8

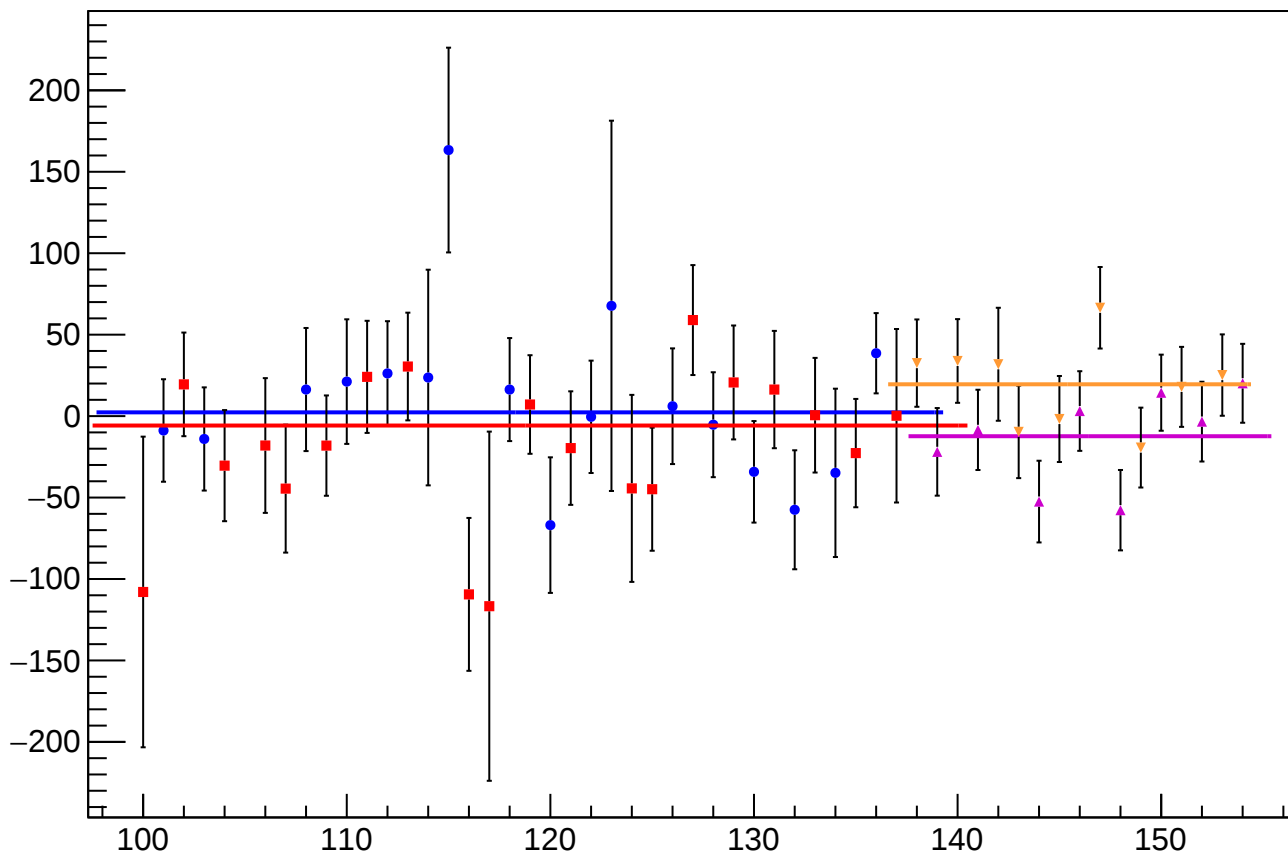
215.364+/-0.044 χ^2/NDF : 1928419.2/25

Right Out: 175.179+/-0.050 χ^2/NDF : 1514541.6/19

182.345+/-0.038 χ^2/NDF : 2634714.9/27

Left In: 191.792+/-0.058 χ^2/NDF : 1072780.0/7

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: 19.536 ± 8.793 $\chi^2/\text{NDF}: 8.5/8$

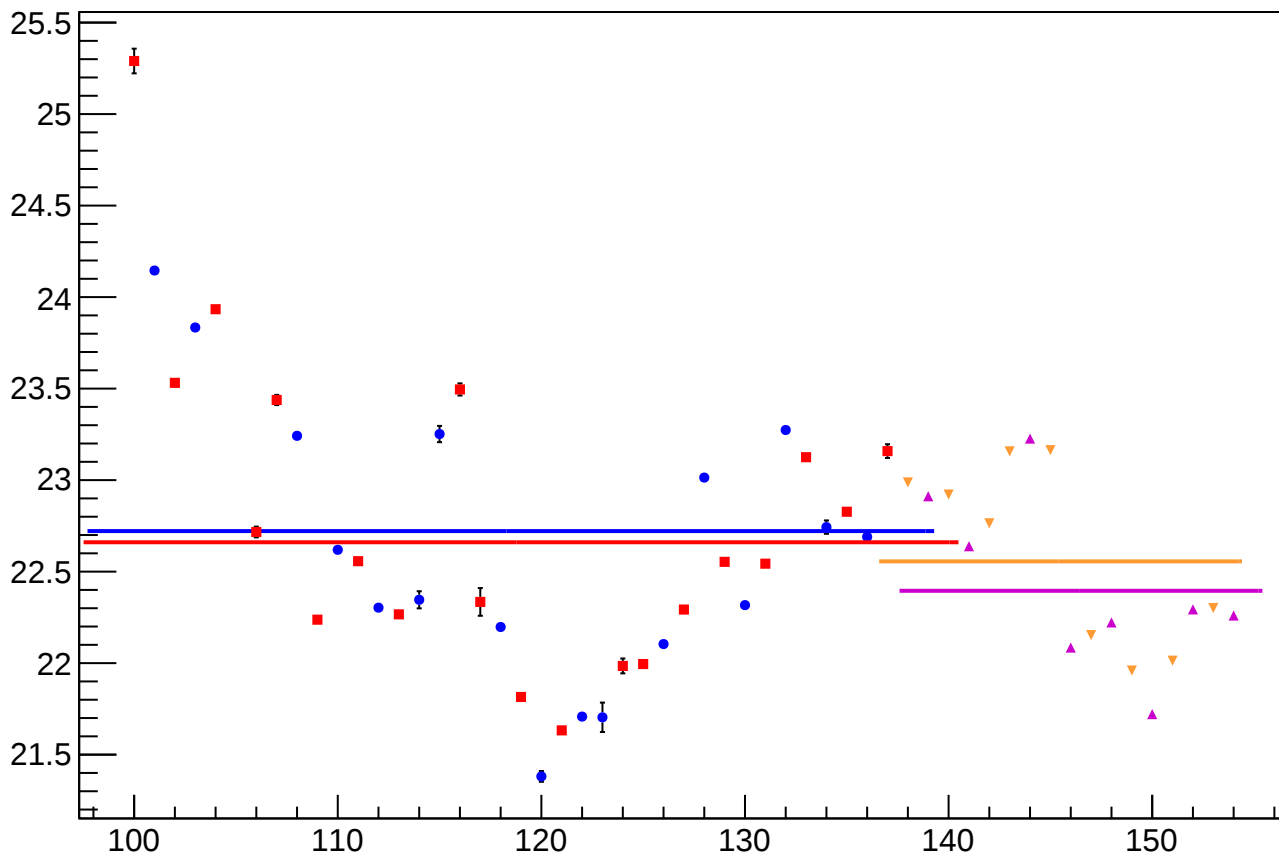
Right Out: -5.783 ± 8.453 $\chi^2/\text{NDF}: 18.2/19$

Left In: -12.347 ± 8.723 $\chi^2/\text{NDF}: 9.7/7$

10.933 ± 6.222 $\chi^2/\text{NDF}: 28.5/25$

-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 ± 0.006 χ^2/NDF : 13580.6/16

Left Out: 22.556 ± 0.006 χ^2/NDF : 5836.2/8

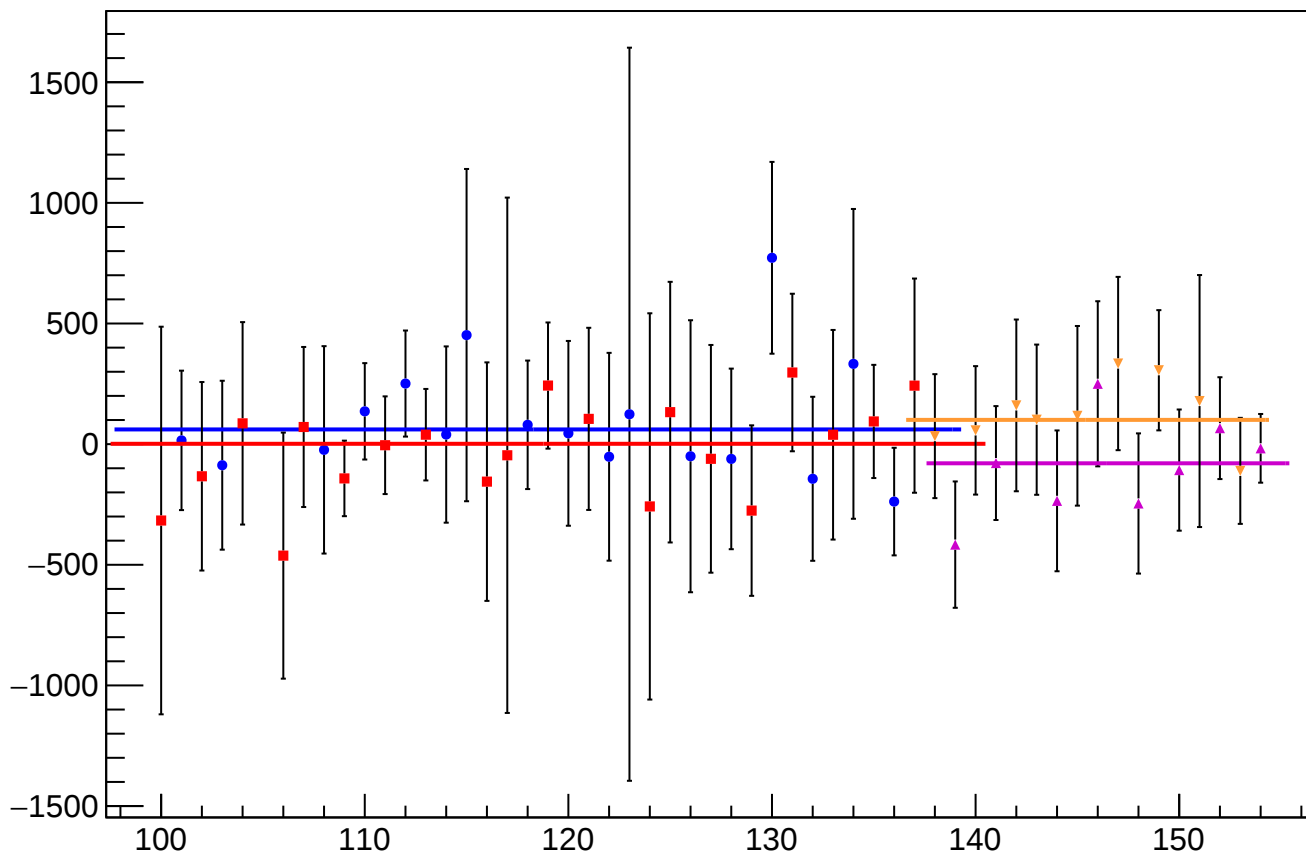
Right Out: 22.660 ± 0.006 χ^2/NDF : 12974.2/19

Left In: 22.395 ± 0.006 χ^2/NDF : 5314.1/7

22.639 ± 0.004 χ^2/NDF : 19770.6/25

22.532 ± 0.004 χ^2/NDF : 19241.6/27

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 60.960 $\pm$ 80.197 χ^2 /NDF: 7.2/16

Left Out: 100.575 $\pm$ 98.564 χ^2 /NDF: 2.2/8

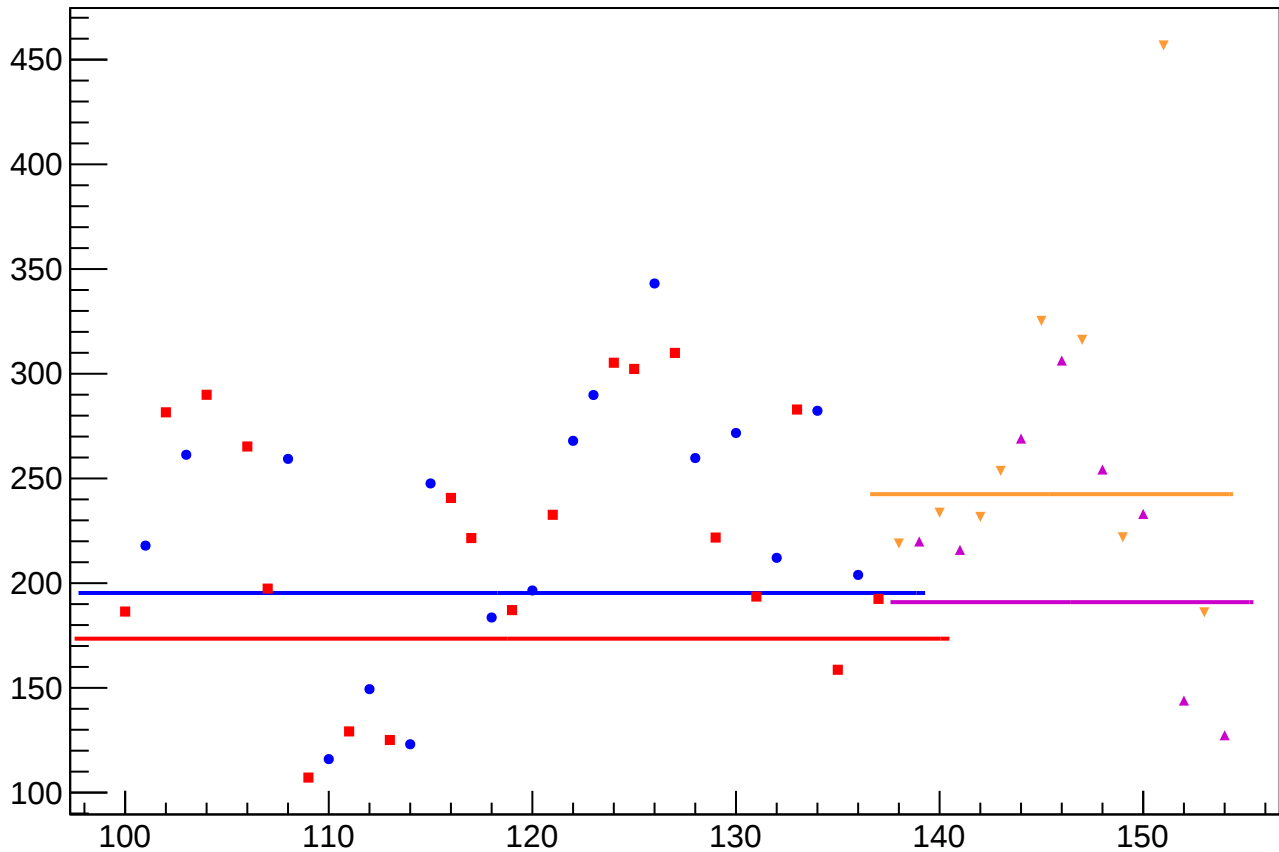
Right Out: 1.439 $\pm$ 70.395 χ^2 /NDF: 5.2/19

Left In: -79.381 $\pm$ 81.027 χ^2 /NDF: 3.9/7

76.740 $\pm$ 62.207 χ^2 /NDF: 9.5/25

-33.324 $\pm$ 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: 242.504 $\pm$ 0.070 χ^2 /NDF:688908.1/8

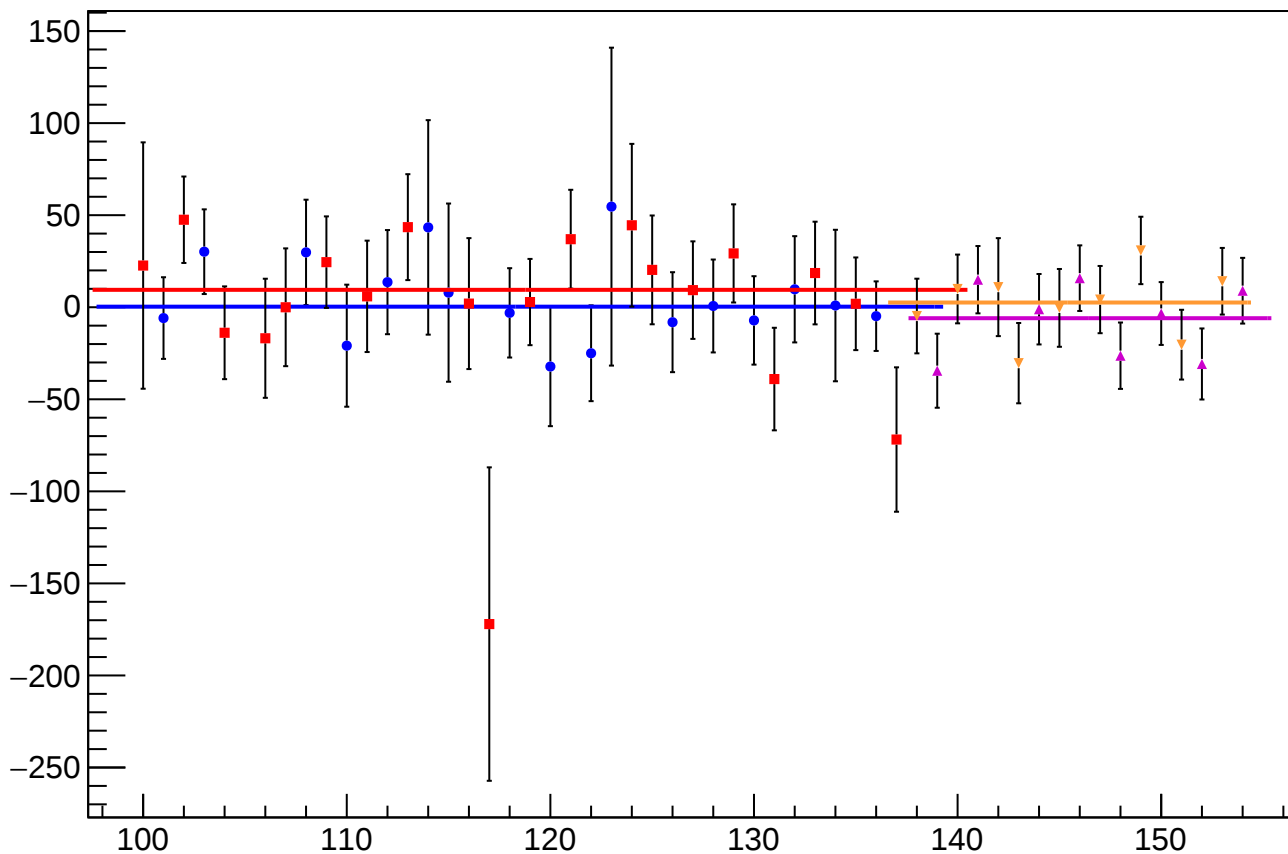
214.112 $\pm$ 0.044 χ^2 /NDF: 1968940.6/25

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: 2.561 ± 6.612 $\chi^2/\text{NDF}: 6.9/8$

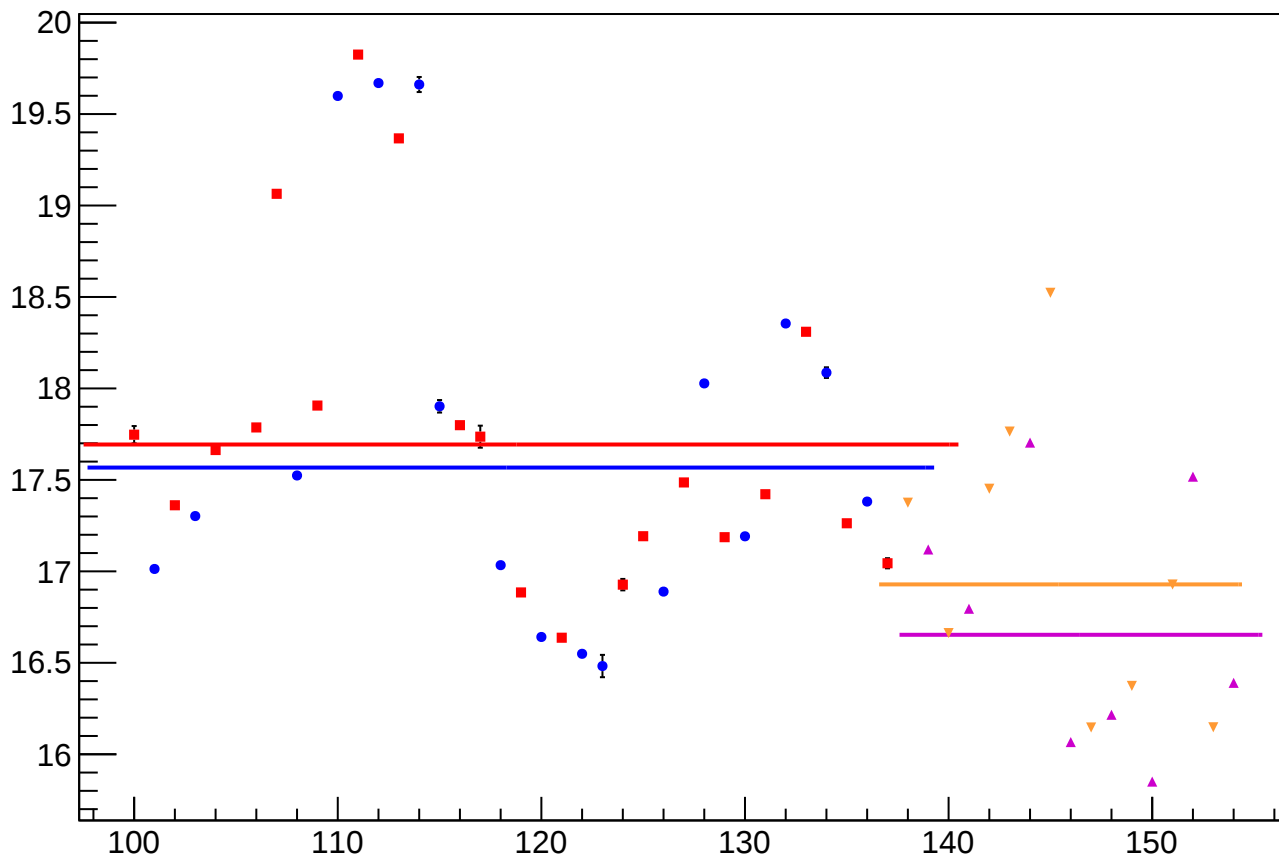
Right Out: 9.452 ± 6.608 $\chi^2/\text{NDF}: 20.6/19$

Left In: -5.959 ± 6.498 $\chi^2/\text{NDF}: 8.5/7$

1.467 ± 4.744 $\chi^2/\text{NDF}: 13.8/25$

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 ± 0.005 χ^2/NDF : 33145.0/16

Left Out: 16.929 ± 0.005 χ^2/NDF : 25701.7/8

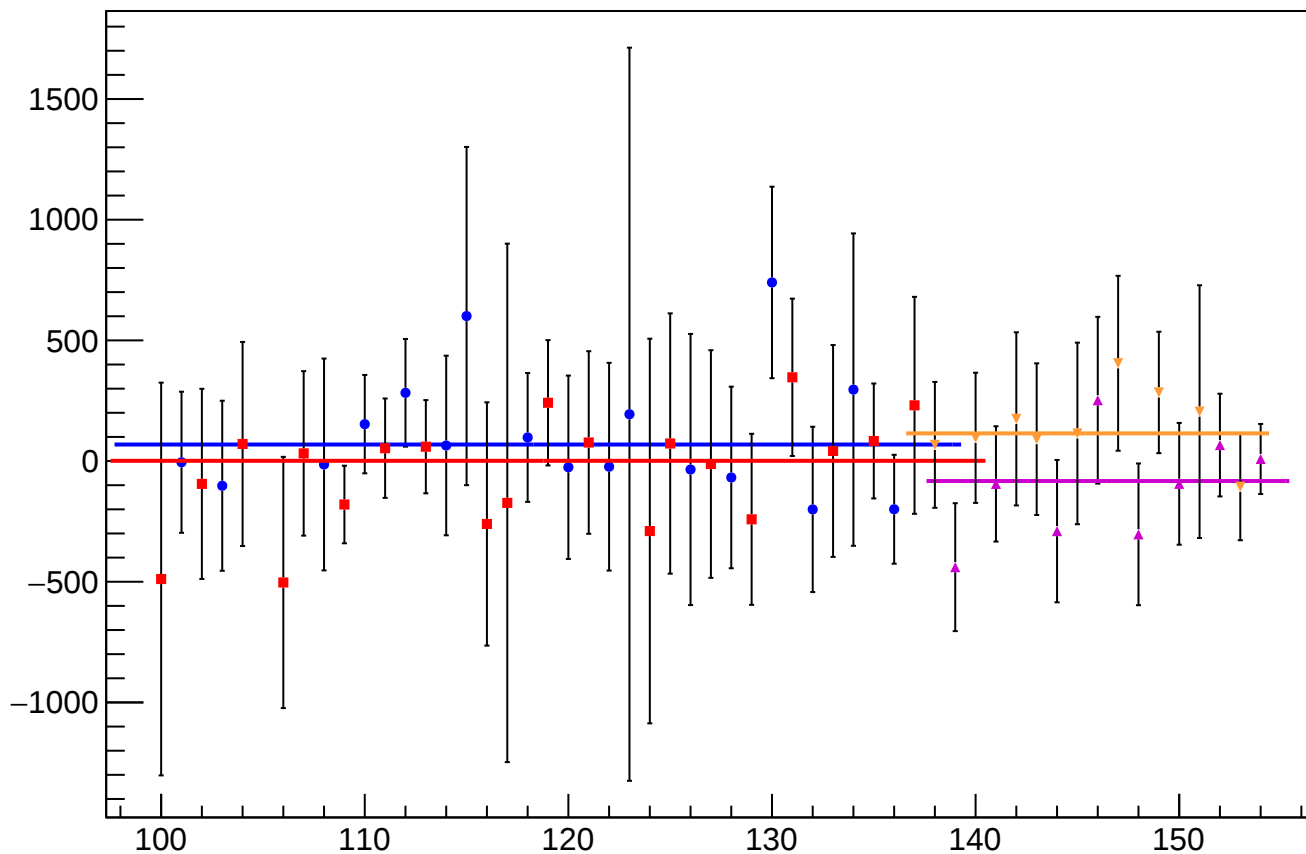
Right Out: 17.693 ± 0.005 χ^2/NDF : 30767.6/19

Left In: 16.653 ± 0.005 χ^2/NDF : 19445.4/7

17.238 ± 0.003 χ^2/NDF : 67899.7/25

17.165 ± 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: 114.702 $\pm$ 99.593 χ^2 /NDF: 2.2/8

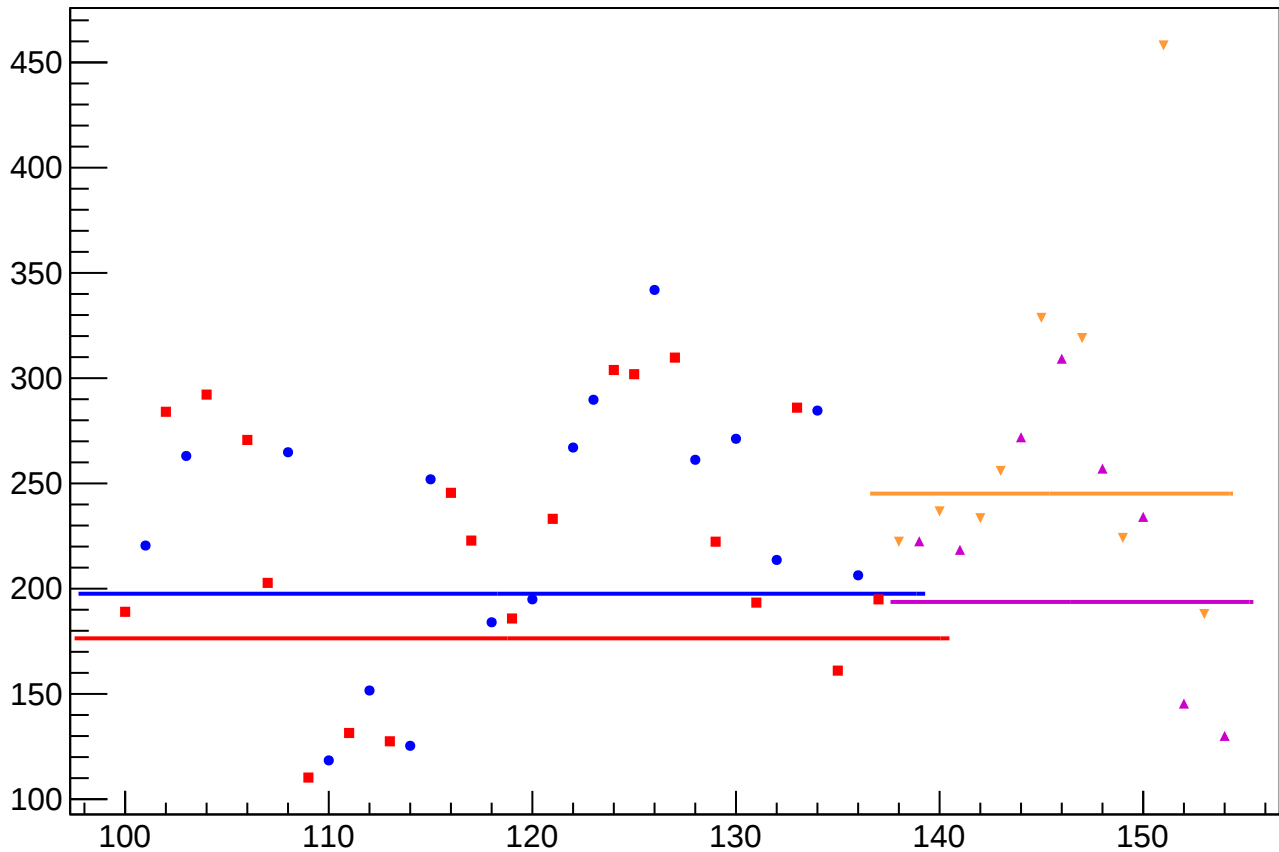
Right Out: 1.057 $\pm$ 71.380 χ^2 /NDF: 6.1/19

Left In: -82.683 $\pm$ 82.063 χ^2 /NDF: 4.7/7

86.931 $\pm$ 62.849 χ^2 /NDF: 9.6/25

-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+/-0.057 χ^2/NDF : 968827.8/16

Left Out: 245.164+/-0.070 χ^2/NDF :681304.4/8

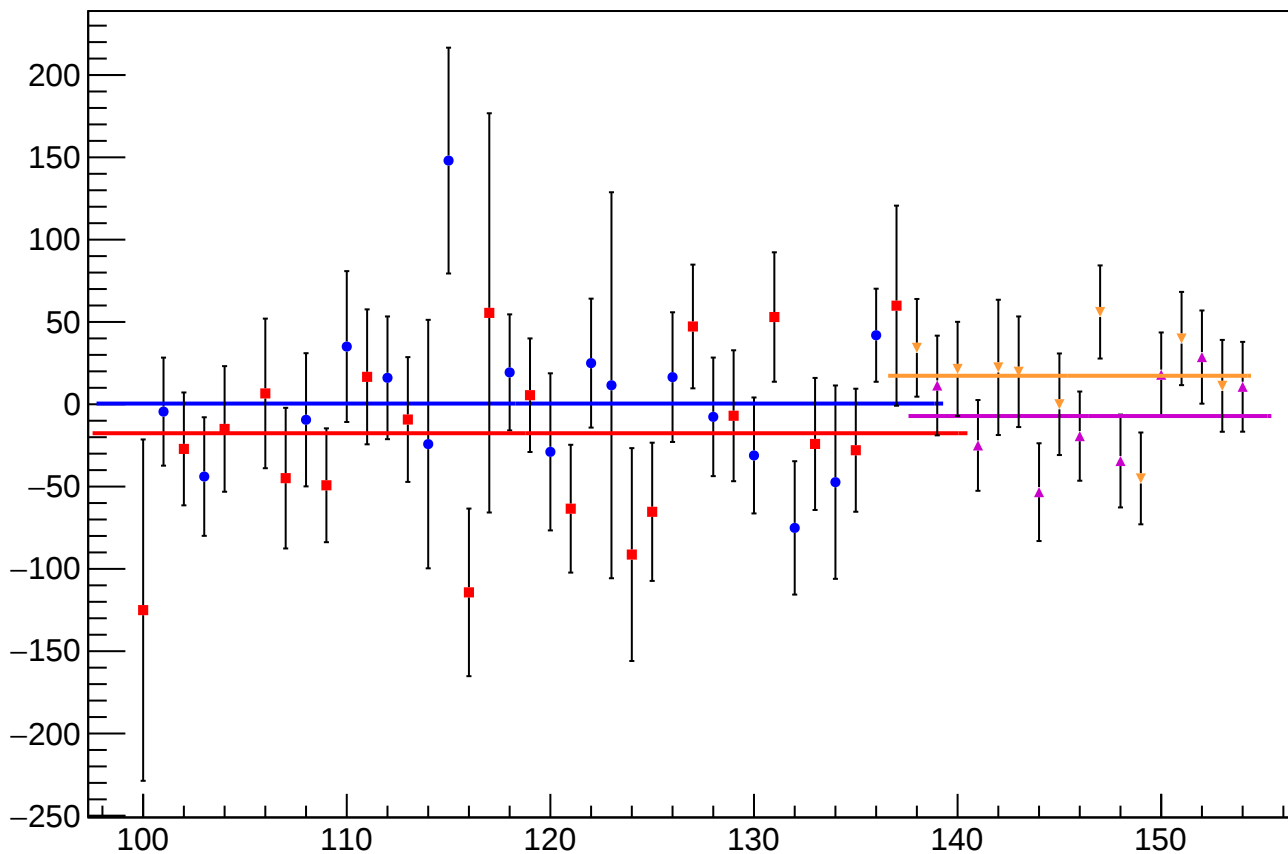
216.544+/-0.044 χ^2/NDF : 1924599.2/25

Right Out: 176.407+/-0.050 χ^2/NDF : 1523589.5/19

183.853+/-0.038 χ^2/NDF : 2615289.2/27

Left In: 193.695+/-0.058 χ^2/NDF :1041168.7/7

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 0.427 ± 9.884 $\chi^2/\text{NDF}: 15.5/16$

Left Out: 17.311 ± 10.023 $\chi^2/\text{NDF}: 8.2/8$

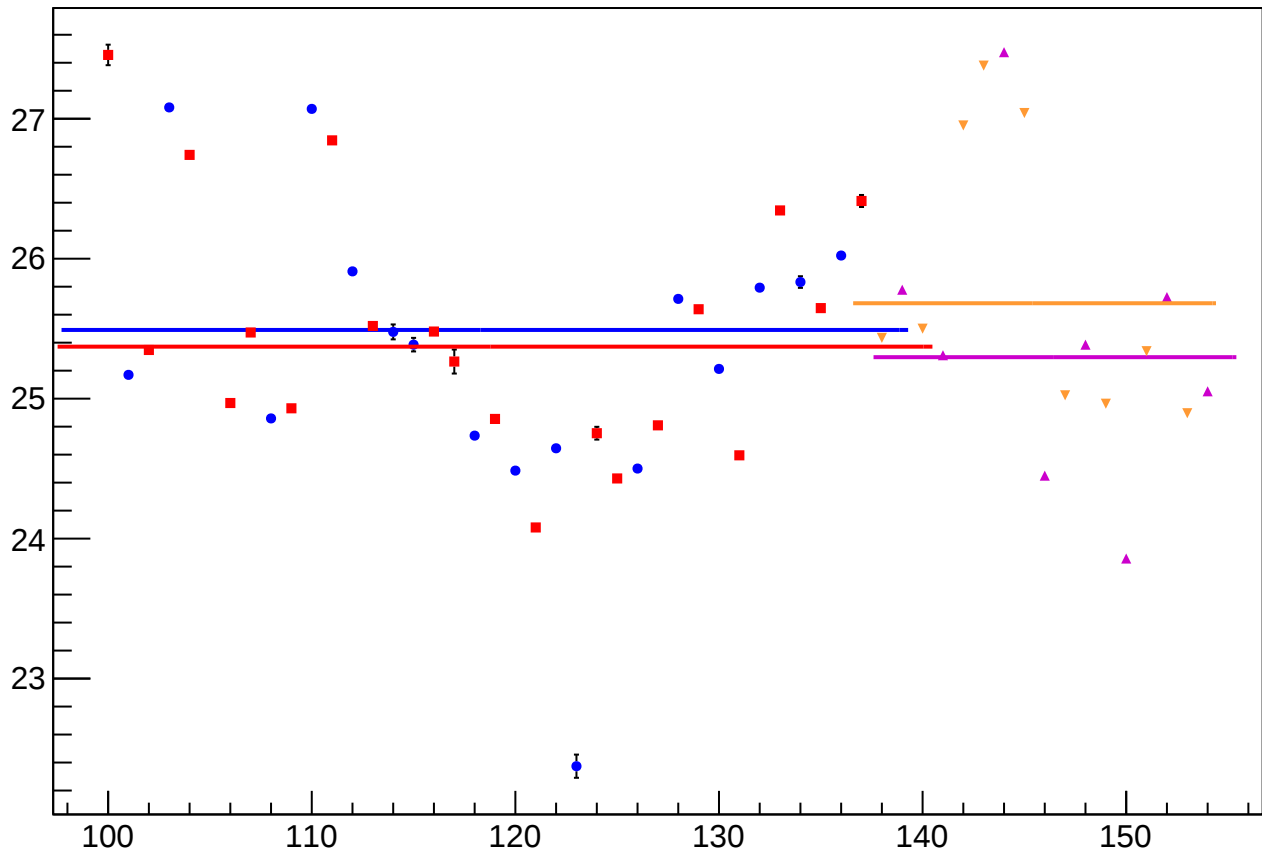
Right Out: -17.595 ± 9.470 $\chi^2/\text{NDF}: 19.8/19$

Left In: -7.149 ± 9.868 $\chi^2/\text{NDF}: 7.3/7$

8.751 ± 7.038 $\chi^2/\text{NDF}: 25.1/25$

-12.587 ± 6.833 $\chi^2/\text{NDF}: 27.8/27$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.491+/-0.007 χ^2/NDF : 13713.0/16

Left Out: 25.682+/-0.007 χ^2/NDF :15407.2/8

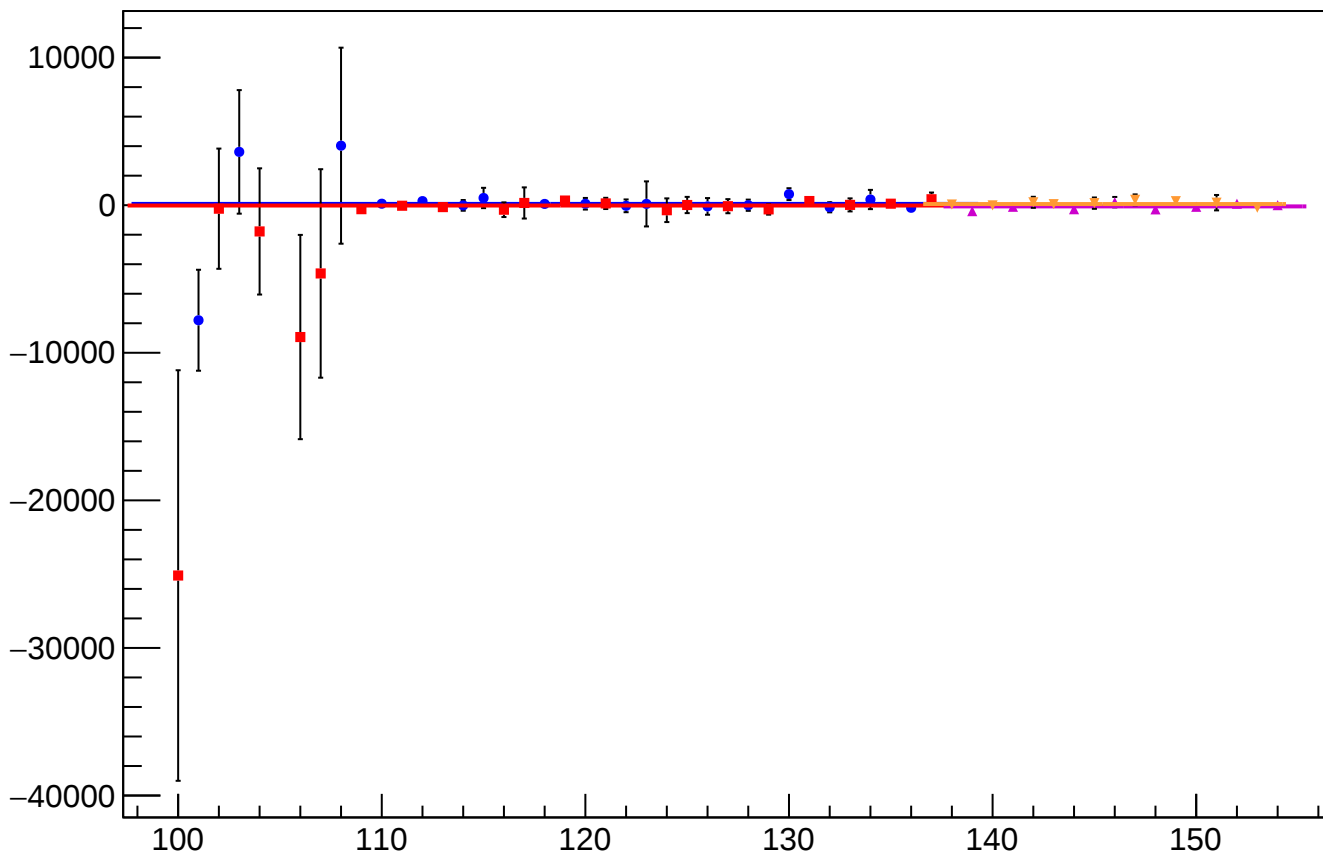
Right Out: 25.372+/-0.007 χ^2/NDF : 13552.0/19

Left In: 25.296+/-0.007 χ^2/NDF :20151.5/7

25.585+/-0.005 χ^2/NDF : 29487.5/25

25.335+/-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: 77.211+/-101.198 χ^2/NDF : 2.6/8

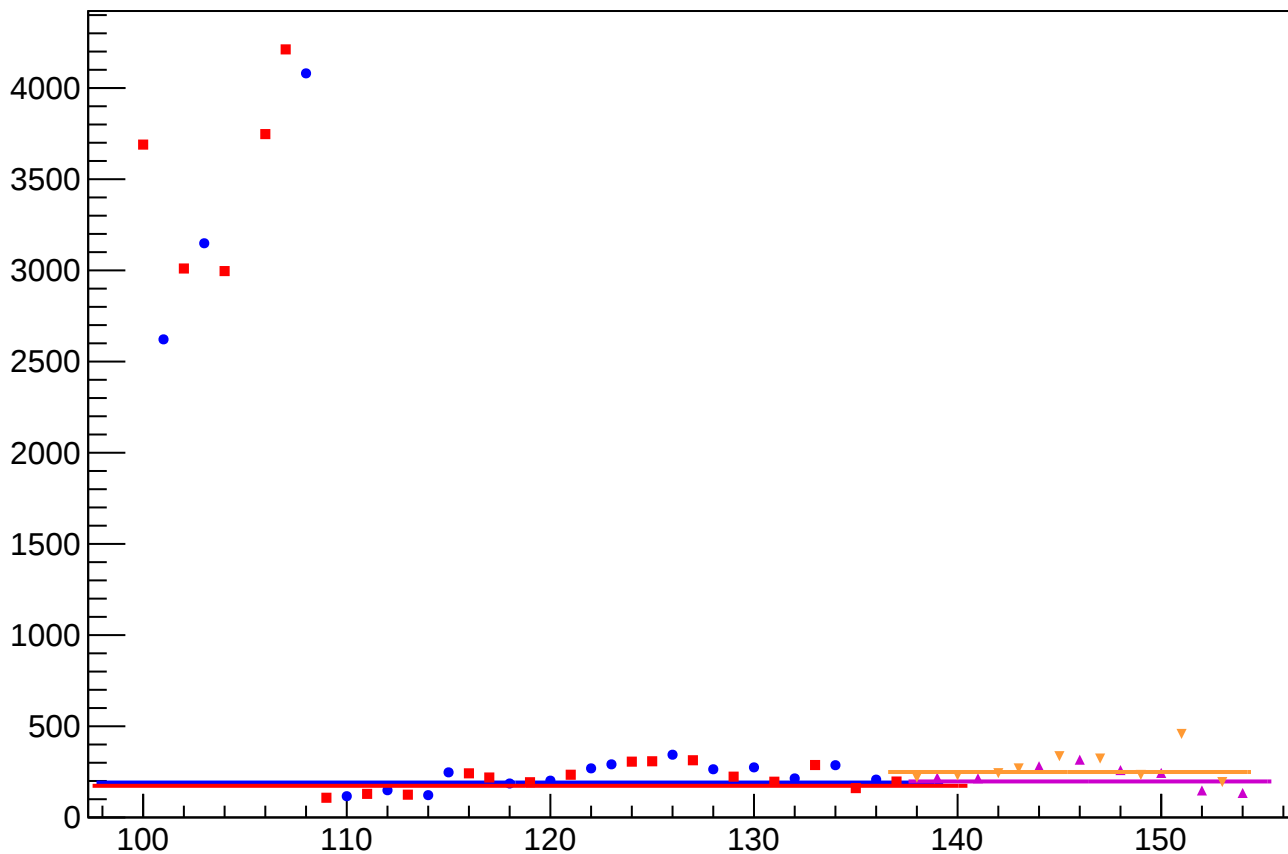
Right Out: -22.332+/-80.711 χ^2/NDF : 11.9/19

Left In: -81.863+/-83.496 χ^2/NDF : 4.1/7

82.511+/-66.586 χ^2/NDF : 15.1/25

-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: 249.281+/-0.072 χ^2/NDF : 672709.2/8

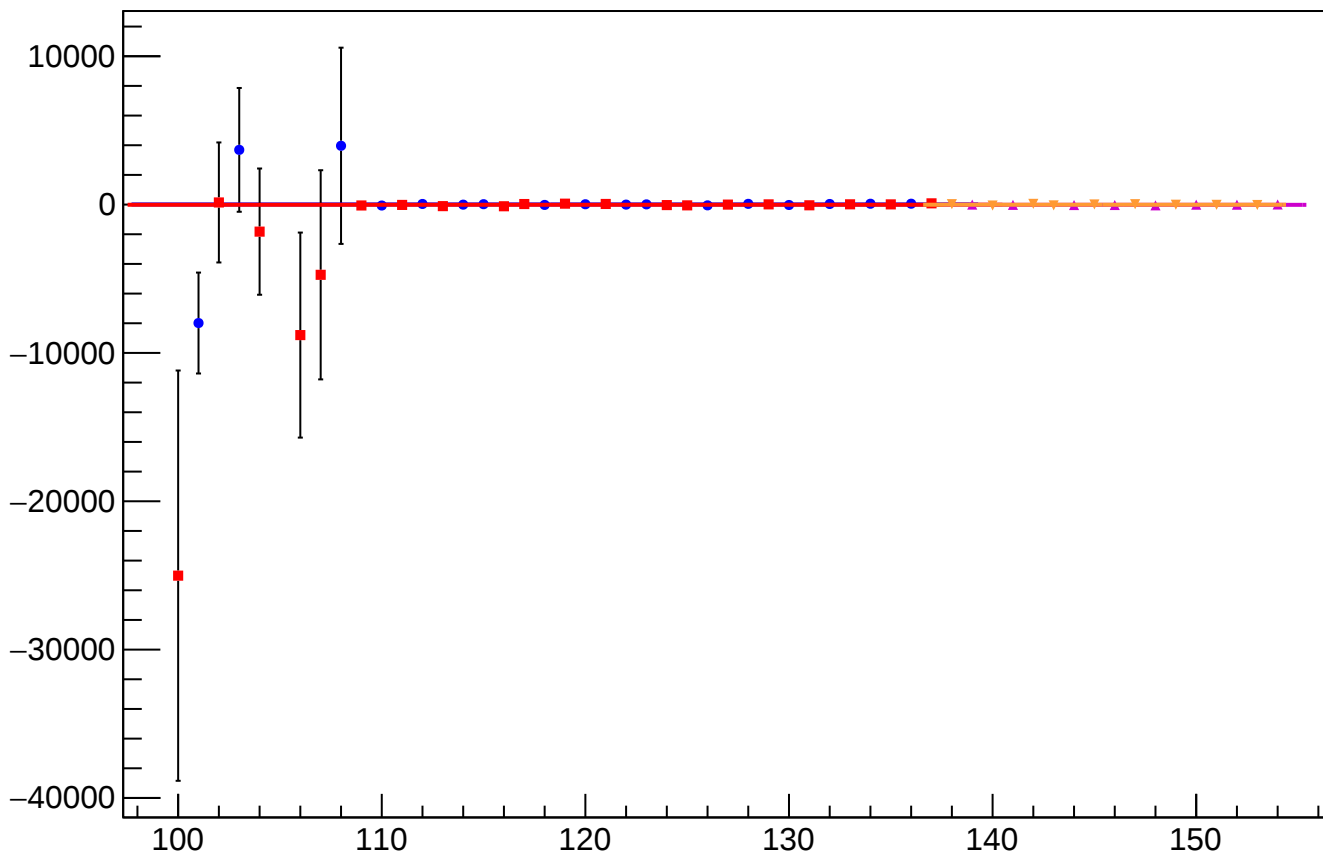
216.503+/-0.047 χ^2/NDF : 4615881.1/25

Right Out: 173.565+/-0.057 χ^2/NDF : 4211161.0/19

185.094+/-0.041 χ^2/NDF : 5307265.9/27

Left In: 197.433+/-0.059 χ^2/NDF : 1011620.2/7

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: -9.248+/-11.696 χ^2/NDF : 8.4/8

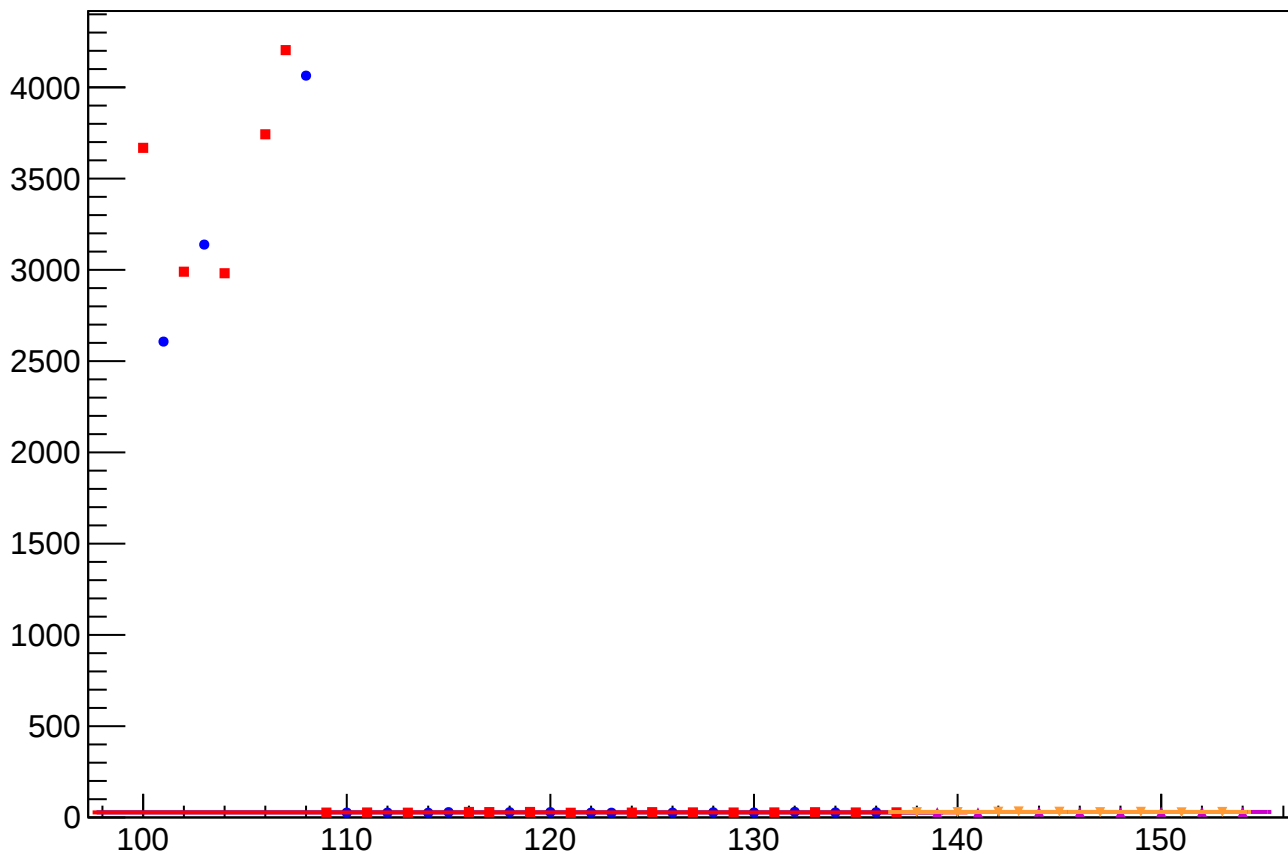
Right Out: -12.296+/-12.186 χ^2/NDF : 24.9/19

Left In: -17.517+/-11.758 χ^2/NDF : 2.5/7

0.041+/-8.470 χ^2/NDF : 28.1/25

-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: 29.911+/-0.008 χ^2/NDF : 29430.9/8

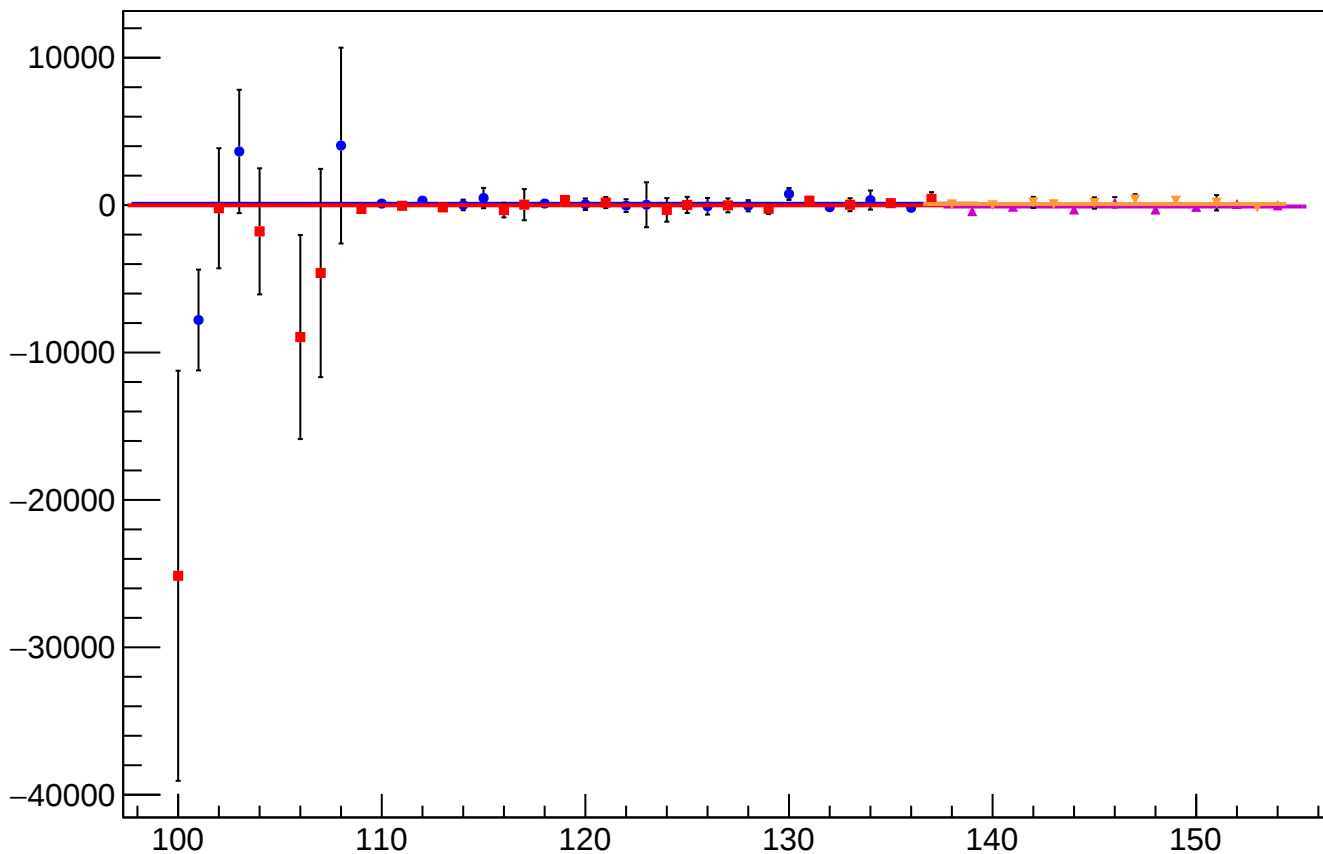
Right Out: 27.707+/-0.009 χ^2/NDF : 3477132.0/19

Left In: 30.067+/-0.008 χ^2/NDF : 30036.5/7

28.933+/-0.006 χ^2/NDF : 3086494.1/25

28.930+/-0.006 χ^2/NDF : 3546017.1/27

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: 78.078+/-100.974 χ^2/NDF : 2.9/8

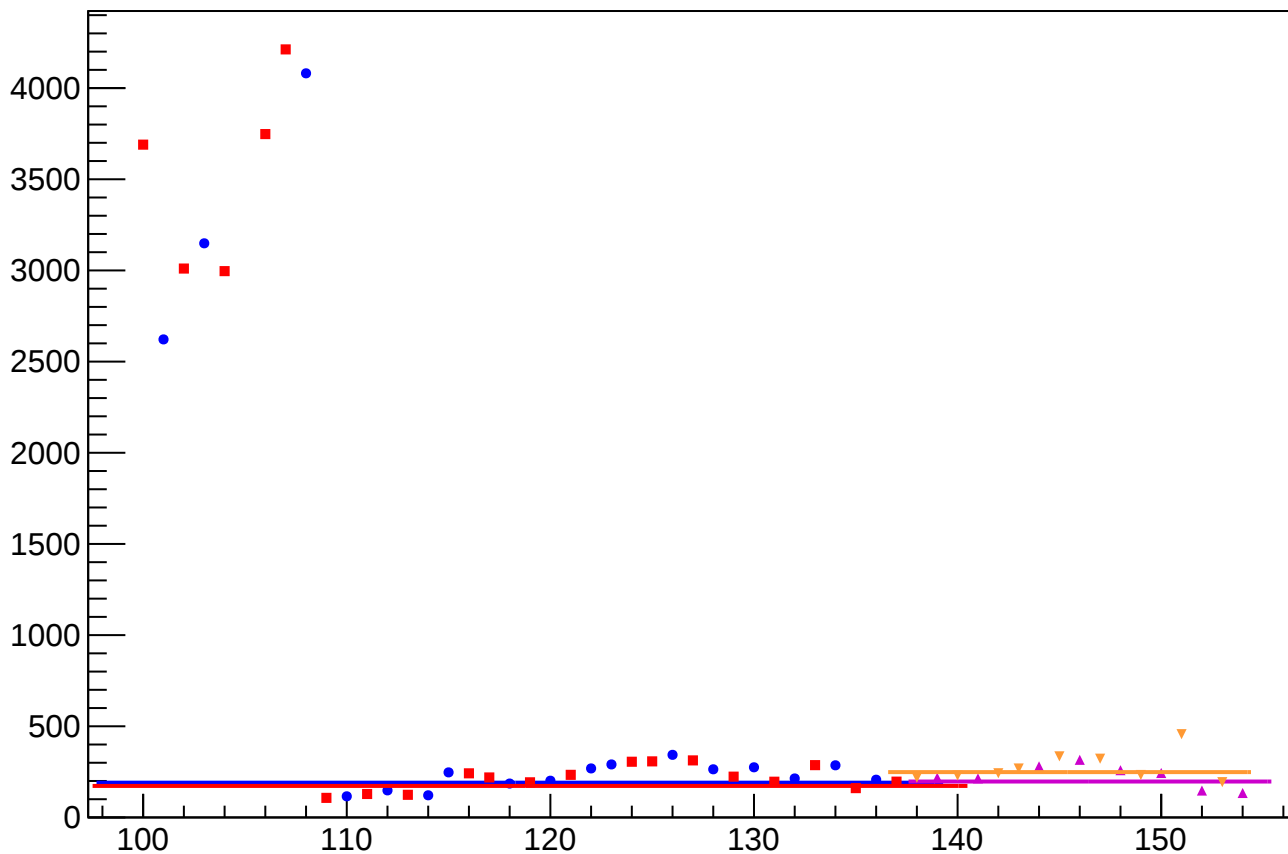
Right Out: -13.075+/-80.452 χ^2/NDF : 12.7/19

Left In: -94.318+/-83.325 χ^2/NDF : 4.0/7

85.282+/-66.405 χ^2/NDF : 15.7/25

-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: 248.726+/-0.071 χ^2/NDF : 672782.5/8

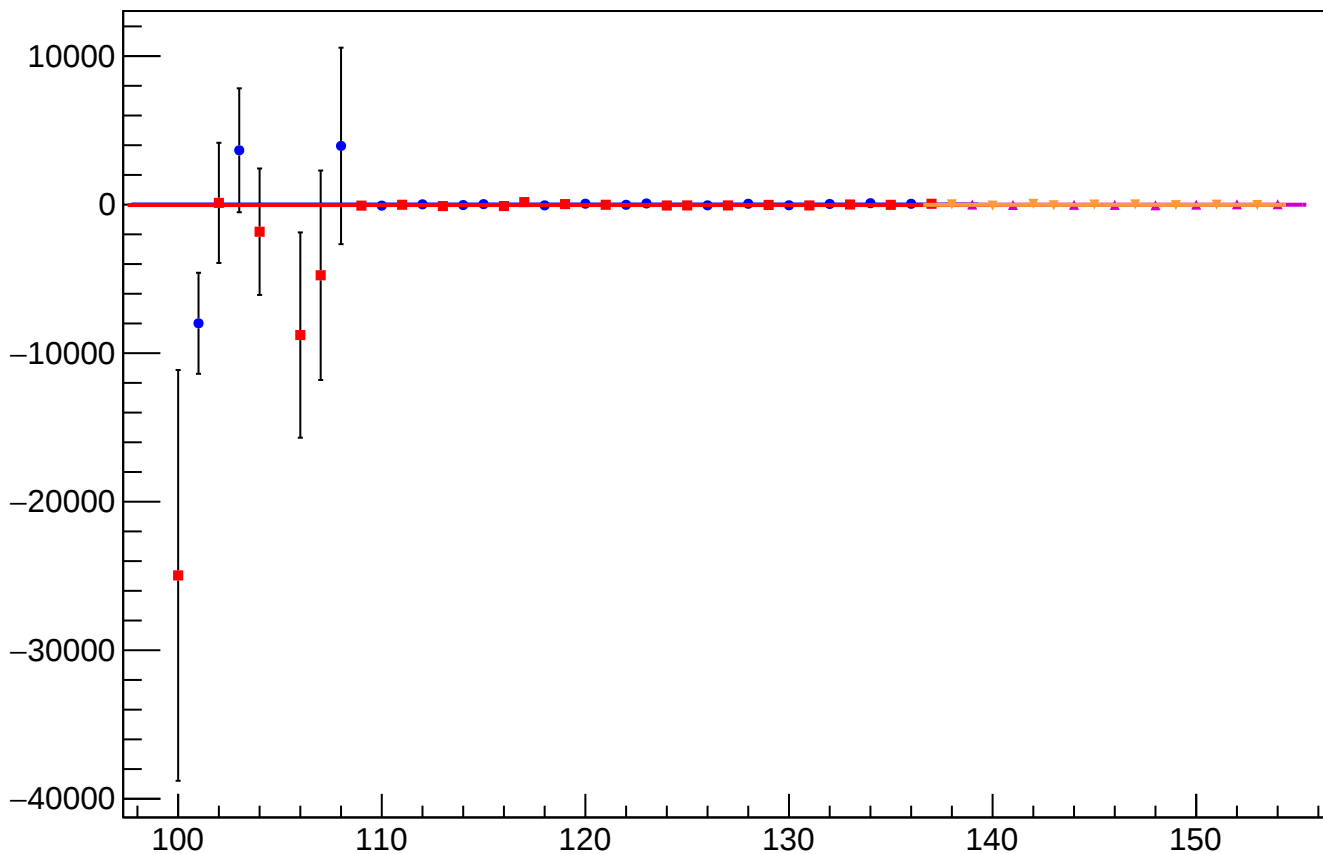
215.835+/-0.047 χ^2/NDF : 4631737.7/25

Right Out: 172.900+/-0.057 χ^2/NDF : 4222511.2/19

184.546+/-0.041 χ^2/NDF : 5320015.9/27

Left In: 197.038+/-0.059 χ^2/NDF : 1010645.2/7

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: 8.600 $\pm$ 12.368 χ^2 /NDF: 23.2/16

Left Out: -11.422 $\pm$ 11.777 χ^2 /NDF: 7.4/8

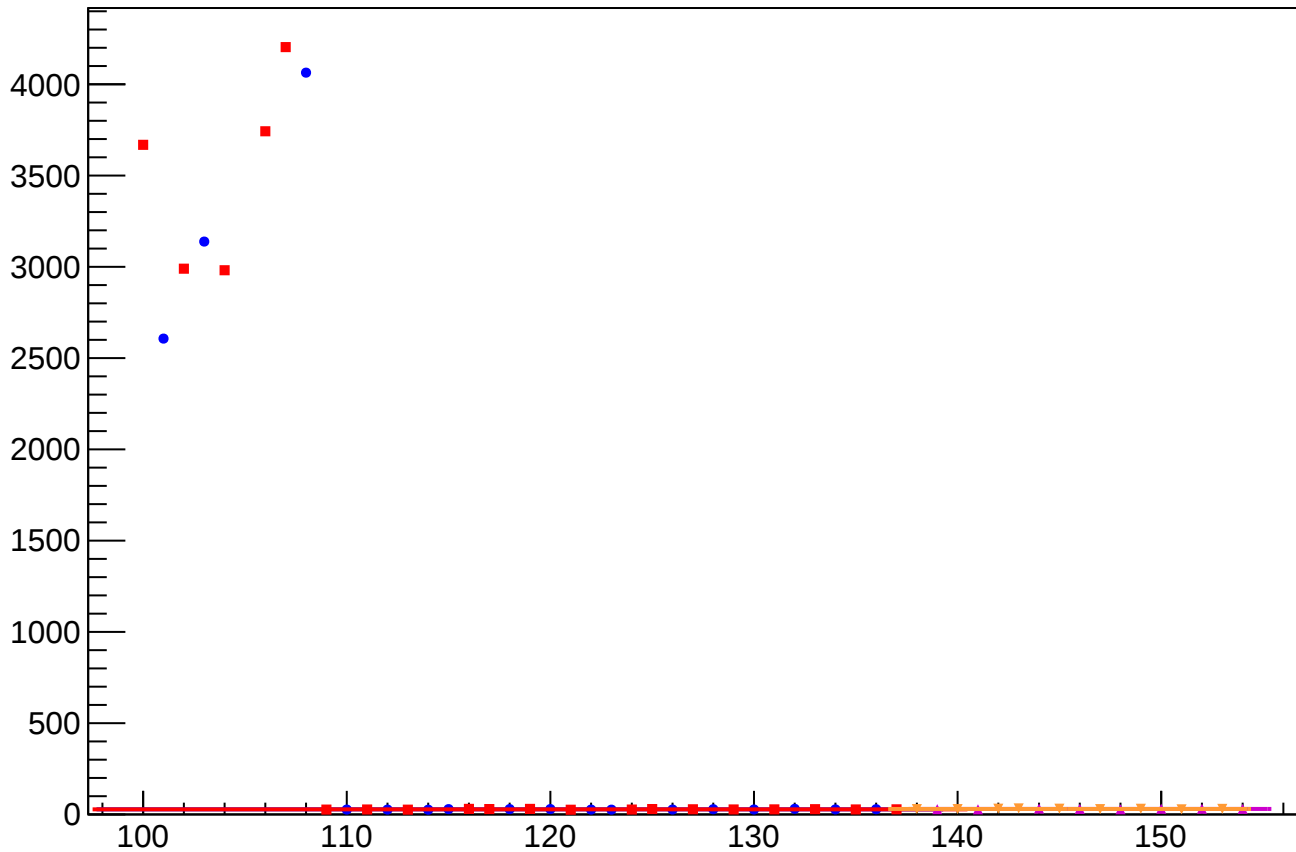
Right Out: -27.898 $\pm$ 12.287 χ^2 /NDF: 18.8/19

Left In: -6.081 $\pm$ 11.821 χ^2 /NDF: 3.3/7

-1.900 $\pm$ 8.529 χ^2 /NDF: 31.9/25

-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: 30.117+/-0.008 χ^2/NDF :30753.7/8

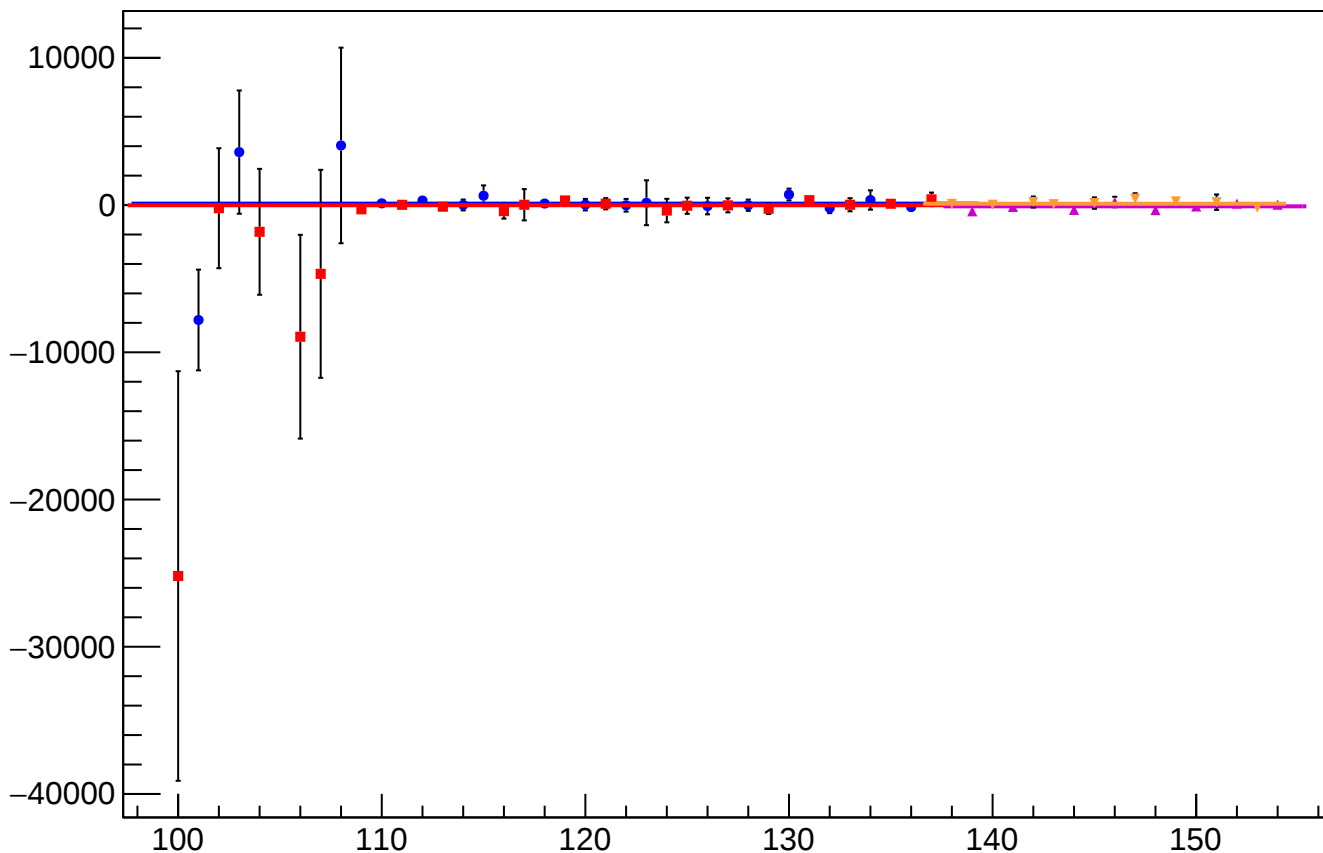
29.131+/-0.006 χ^2/NDF : 3088129.3/25

Right Out: 27.930+/-0.009 χ^2/NDF : 3479947.6/19

29.128+/-0.006 χ^2/NDF : 3546924.0/27

Left In: 30.237+/-0.008 χ^2/NDF :30374.6/7

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: 91.657+/-102.224 χ^2/NDF : 2.7/8

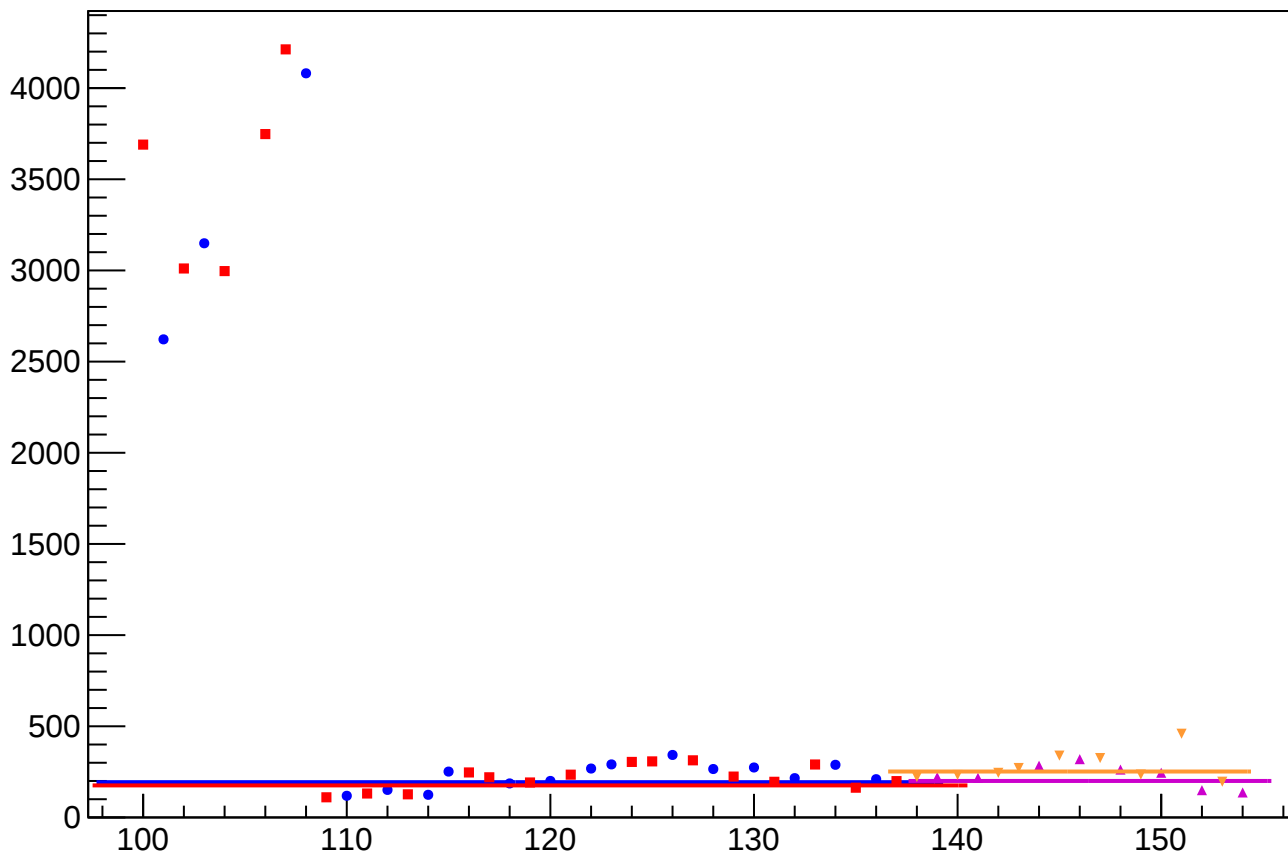
Right Out: -11.533+/-81.530 χ^2/NDF : 12.3/19

Left In: -85.804+/-84.517 χ^2/NDF : 5.0/7

95.339+/-67.211 χ^2/NDF : 15.2/25

-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: 251.946+/-0.072 χ^2/NDF : 664043.4/8

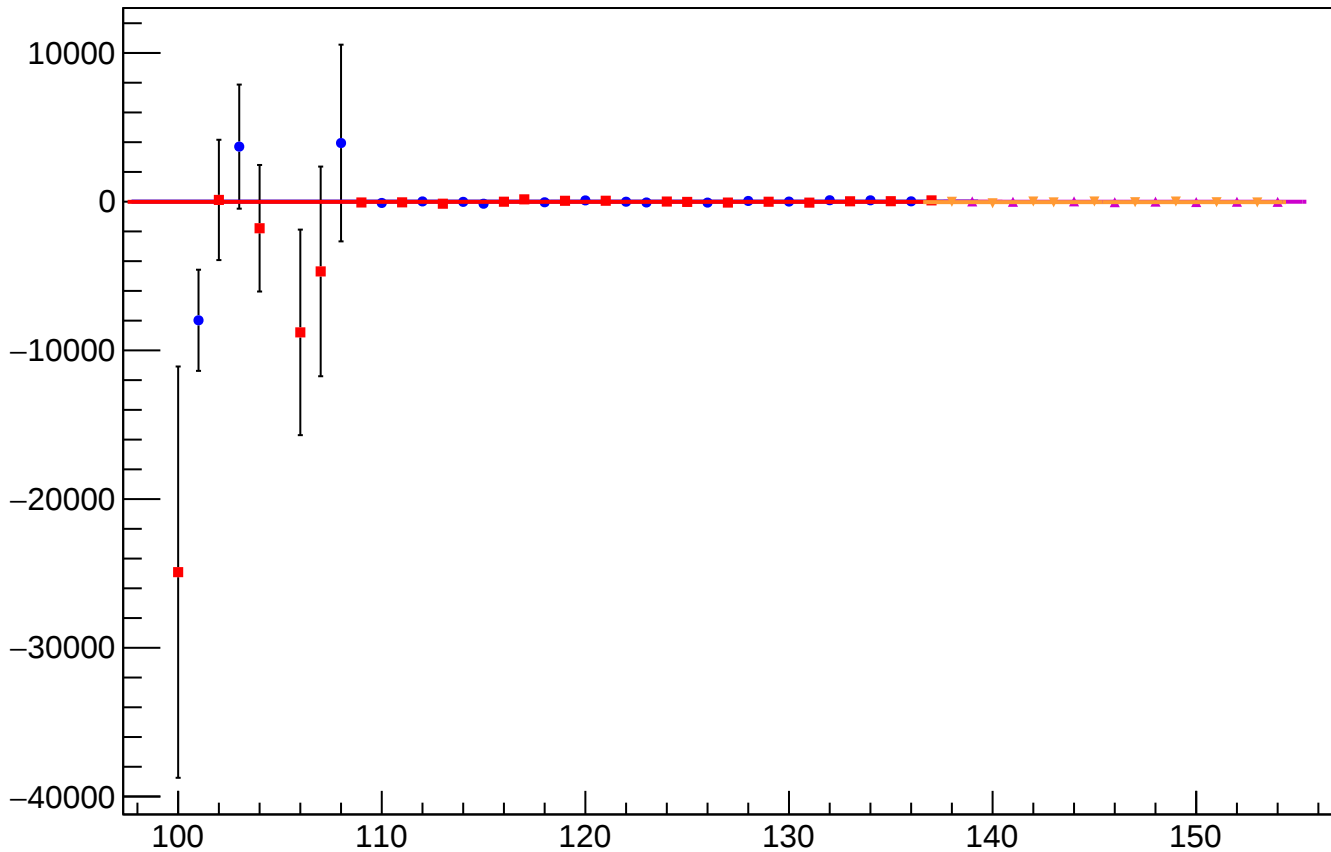
Right Out: 175.774+/-0.058 χ^2/NDF : 4169115.6/19

Left In: 200.155+/-0.060 χ^2/NDF : 987985.7/7

218.775+/-0.048 χ^2/NDF : 4571941.1/25

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: -31.137 $\pm$ 13.851 χ^2 /NDF: 6.9/8

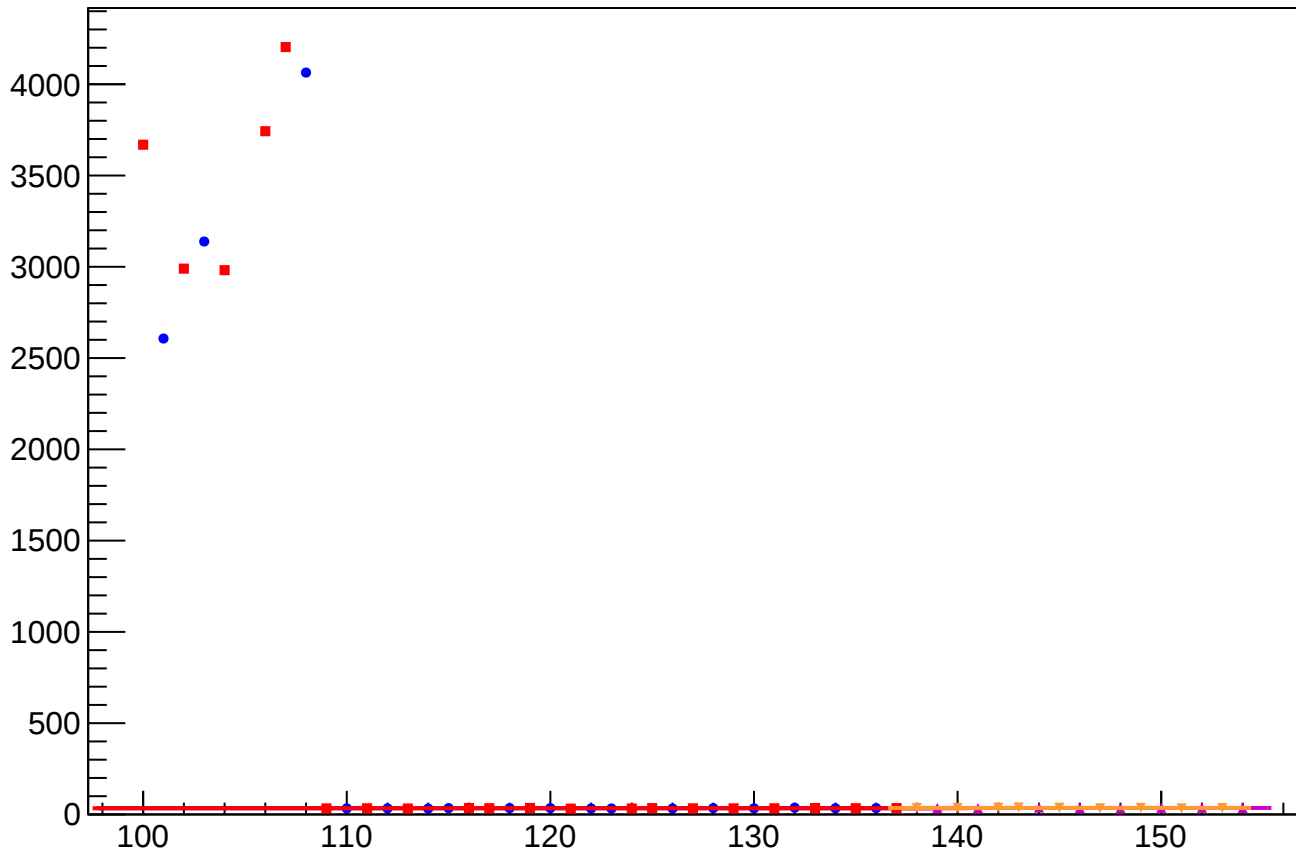
Right Out: -10.775 $\pm$ 14.891 χ^2 /NDF: 23.0/19

Left In: -4.041 $\pm$ 13.907 χ^2 /NDF: 1.7/7

-14.309 $\pm$ 10.192 χ^2 /NDF: 30.6/25

-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+/-0.011 χ^2/NDF : 3006512.8/16

Left Out: 35.471+/-0.010 χ^2/NDF :19067.4/8

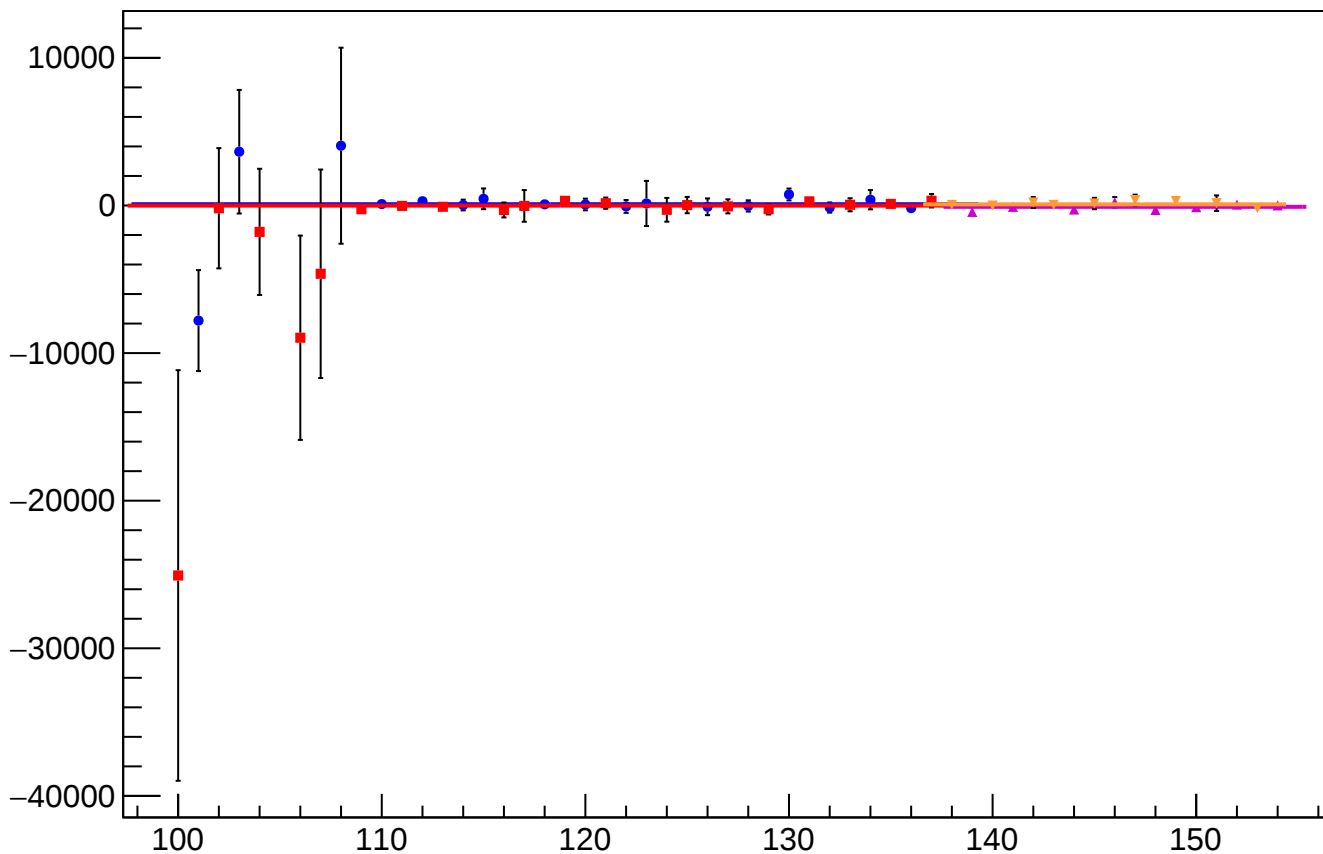
Right Out: 33.916+/-0.011 χ^2/NDF : 3451921.6/19

Left In: 35.638+/-0.010 χ^2/NDF :12438.8/7

34.873+/-0.007 χ^2/NDF : 3033702.8/25

34.836+/-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: 77.754+/-101.625 χ^2/NDF : 3.0/8

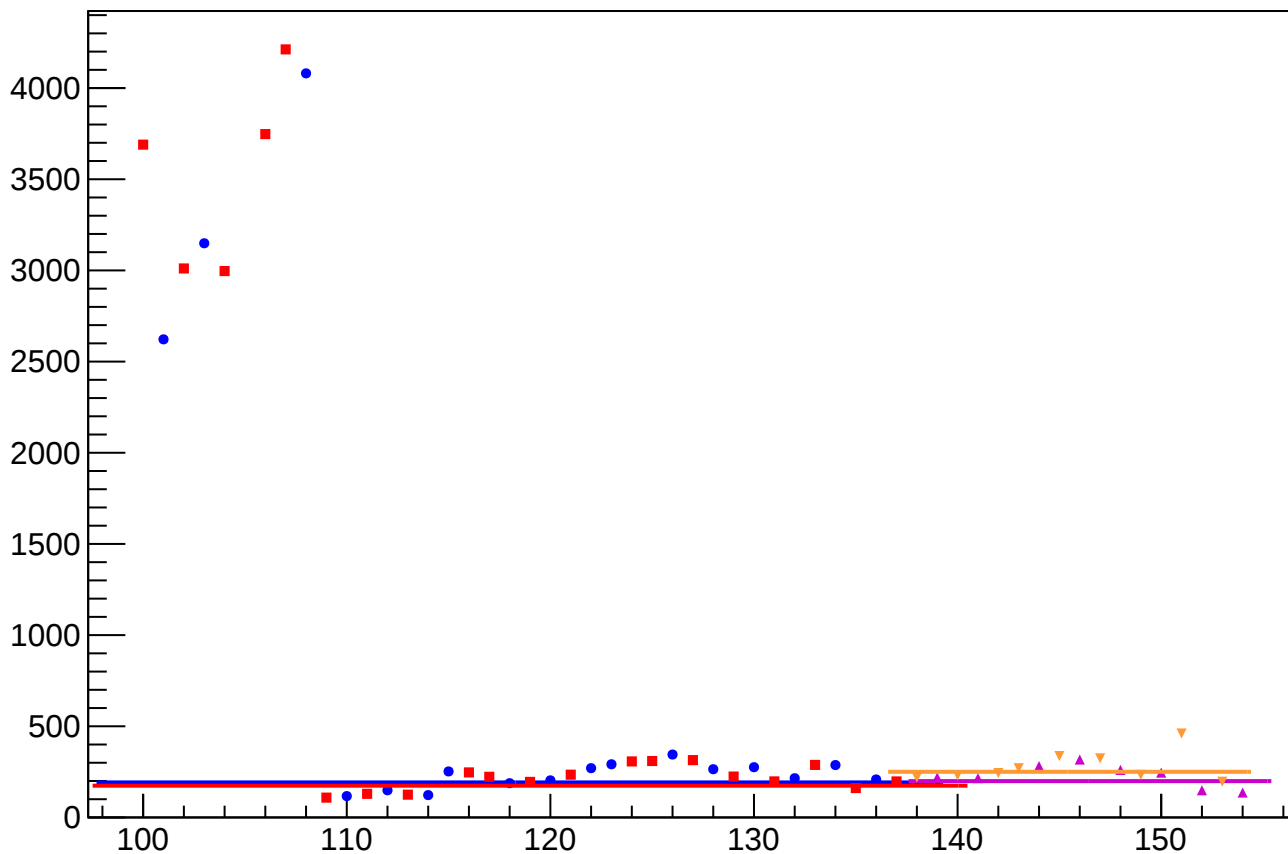
Right Out: -8.682+/-81.026 χ^2/NDF : 11.1/19

Left In: -90.558+/-84.171 χ^2/NDF : 4.2/7

81.584+/-66.845 χ^2/NDF : 15.5/25

-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: 250.400 ± 0.072 χ^2/NDF : 667694.0/8

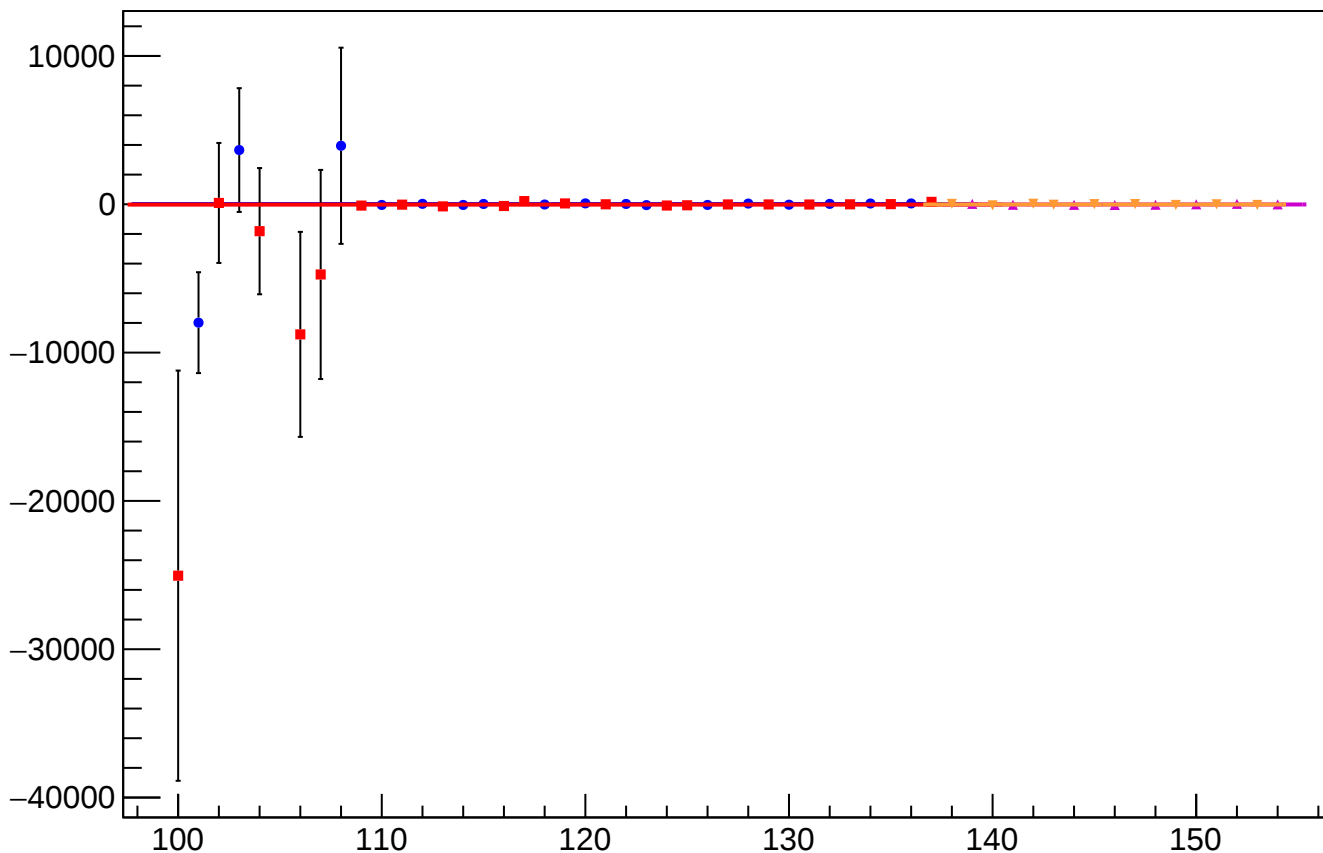
217.368 ± 0.047 χ^2/NDF : 4614764.7/25

Right Out: 174.240 ± 0.057 χ^2/NDF : 4215763.8/19

186.306 ± 0.041 χ^2/NDF : 5288964.5/27

Left In: 199.326 ± 0.060 χ^2/NDF : 980987.6/7

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: -14.012+/-12.721 χ^2/NDF : 7.4/8

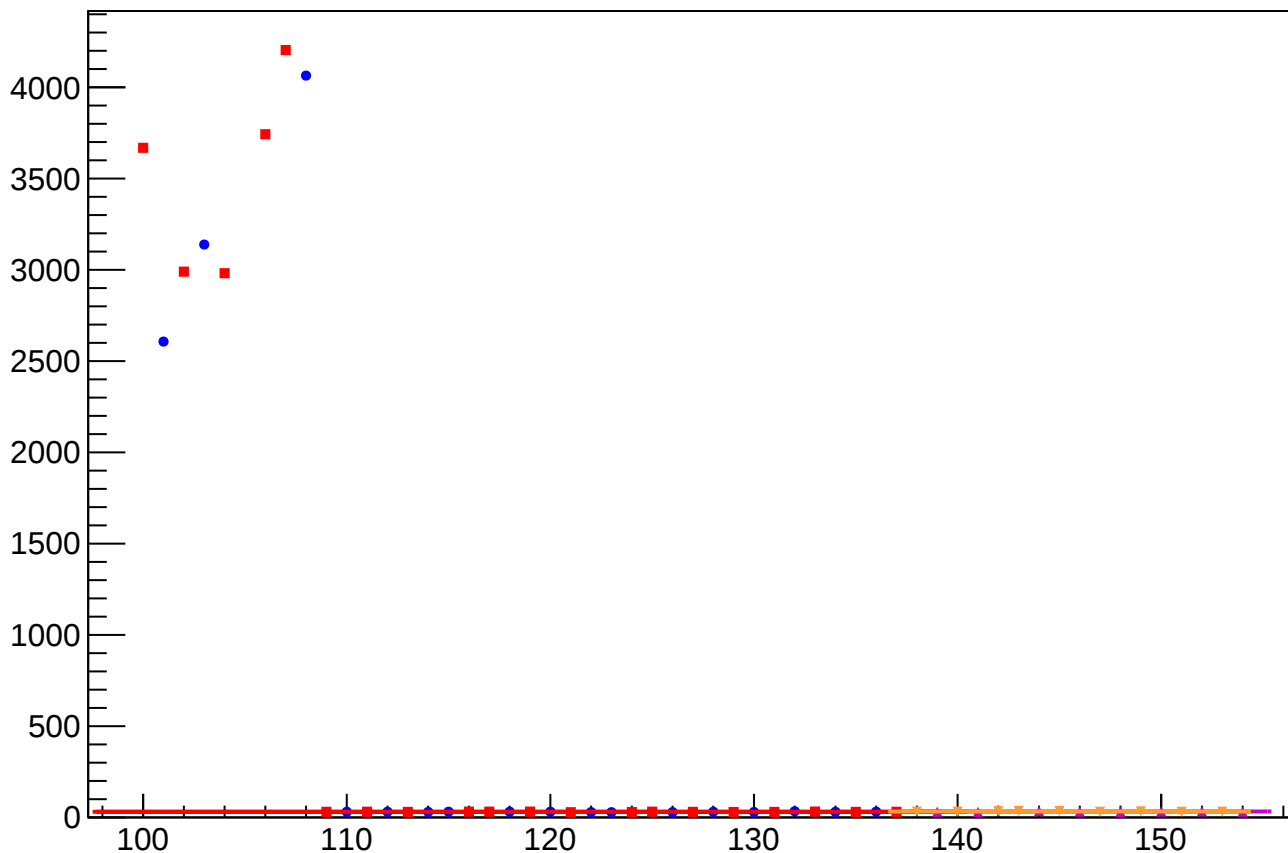
Right Out: -20.740+/-13.606 χ^2/NDF : 30.4/19

Left In: -12.822+/-12.729 χ^2/NDF : 4.4/7

-1.644+/-9.329 χ^2/NDF : 24.1/25

-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: 32.537+/-0.009 χ^2/NDF :31830.6/8

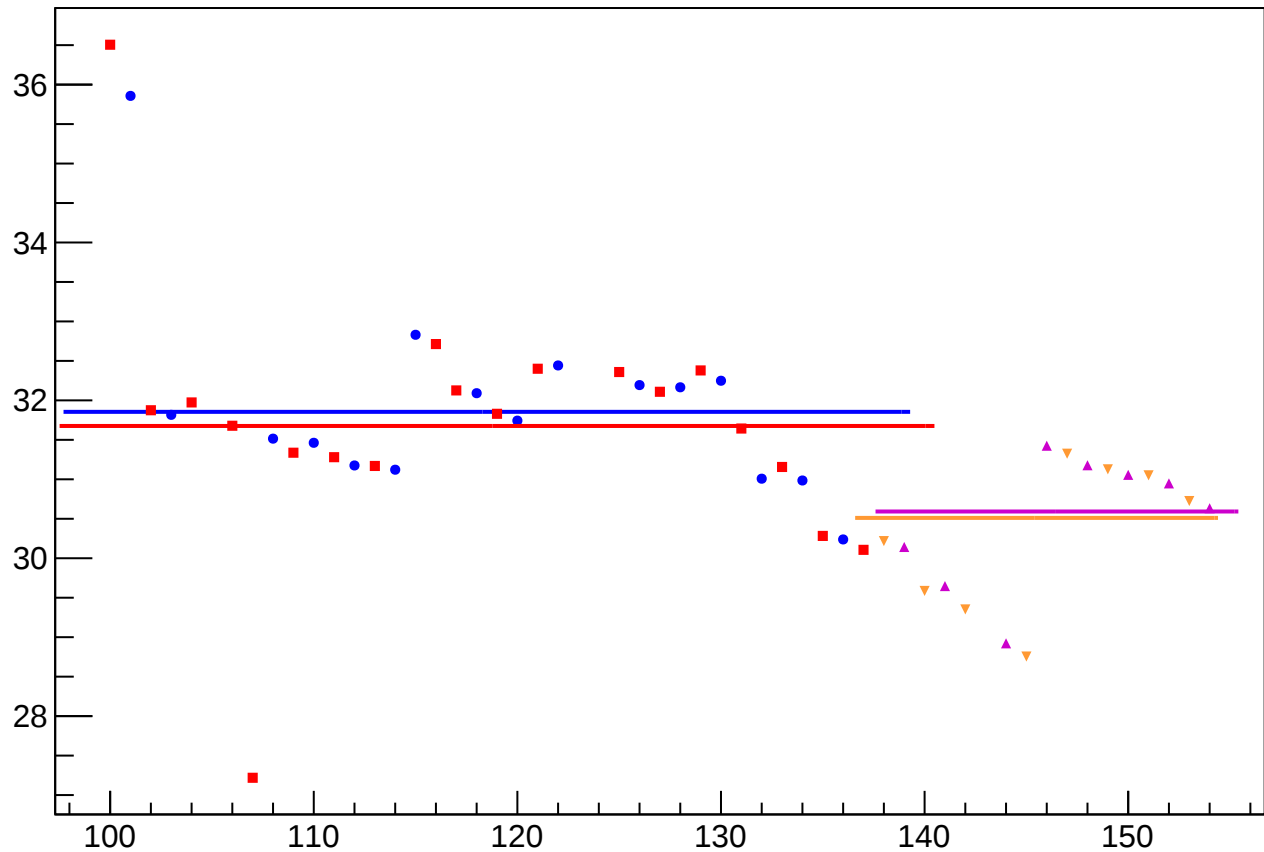
Right Out: 30.970+/-0.010 χ^2/NDF : 3458998.2/19

Left In: 32.557+/-0.009 χ^2/NDF :24555.2/7

31.897+/-0.007 χ^2/NDF : 3057288.5/25

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: 30.511+/-0.000 χ^2/NDF : 585772720.4/7

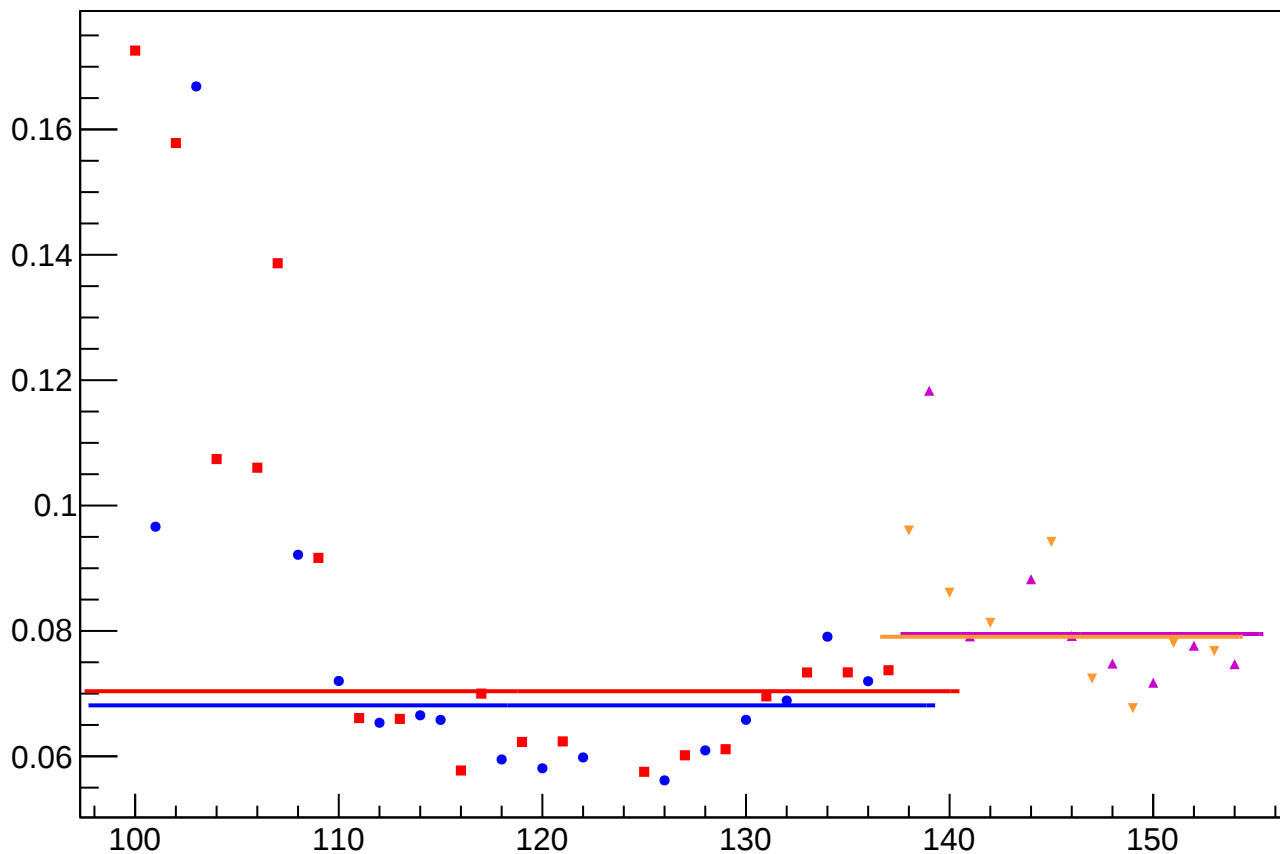
Right Out: 31.676+/-0.000 χ^2/NDF : 919678295.7/18

Left In: 30.592+/-0.000 χ^2/NDF : 560966115.3/7

31.314+/-0.000 χ^2/NDF : 3059853427.1/23

31.204+/-0.000 χ^2/NDF : 2094824661.0/26

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 :142302.4/7

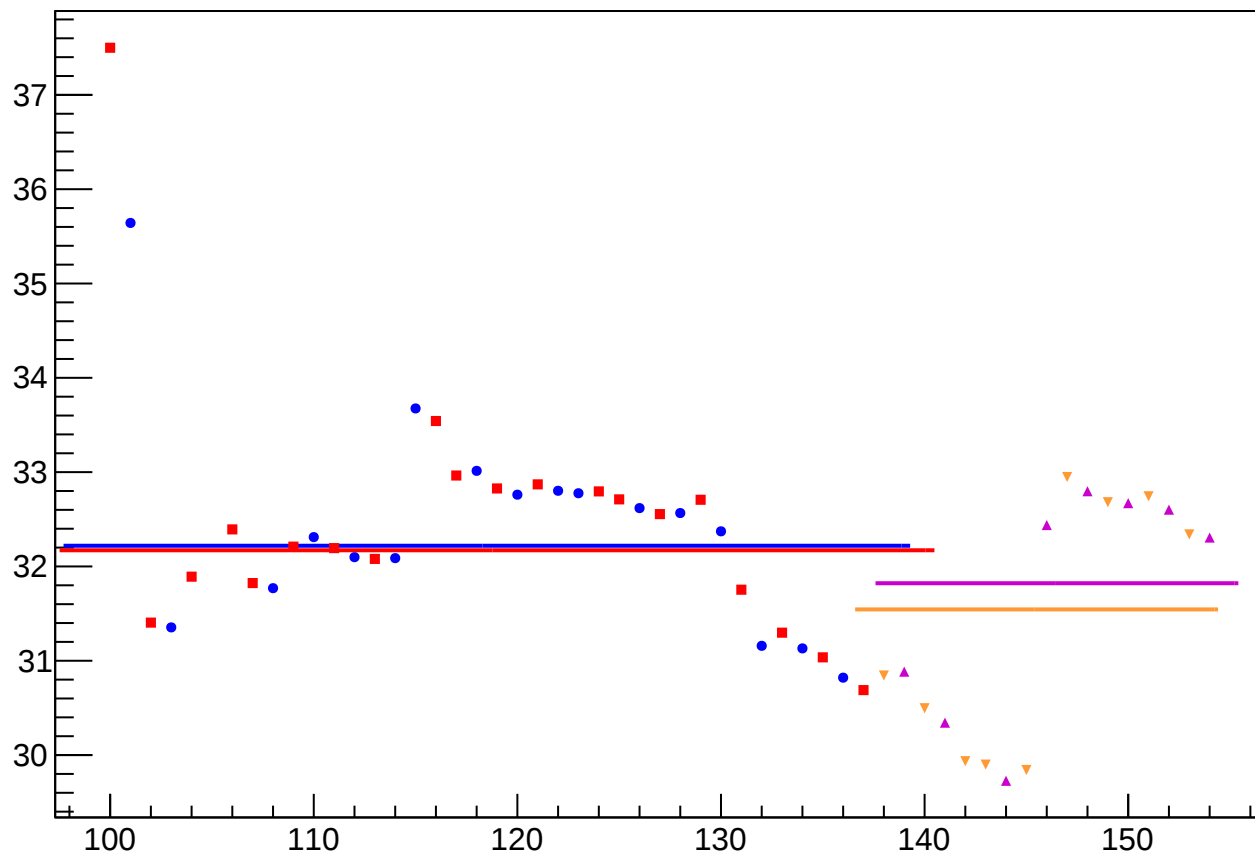
Right Out: 0.070+/-0.000 χ^2/NDF : 841322.7/18

Left In: 0.080+/-0.000 χ^2/NDF :196640.0/7

0.073+/-0.000 χ^2/NDF : 891942.4/23

0.074+/-0.000 χ^2/NDF : 1125077.5/26

yield_usr_mean vs Slug



Right In: 32.220 $\pm$ 0.000 χ^2 /NDF: 1013864543.3/16

Left Out: 31.544 $\pm$ 0.000 χ^2 /NDF:1618710733.8/8

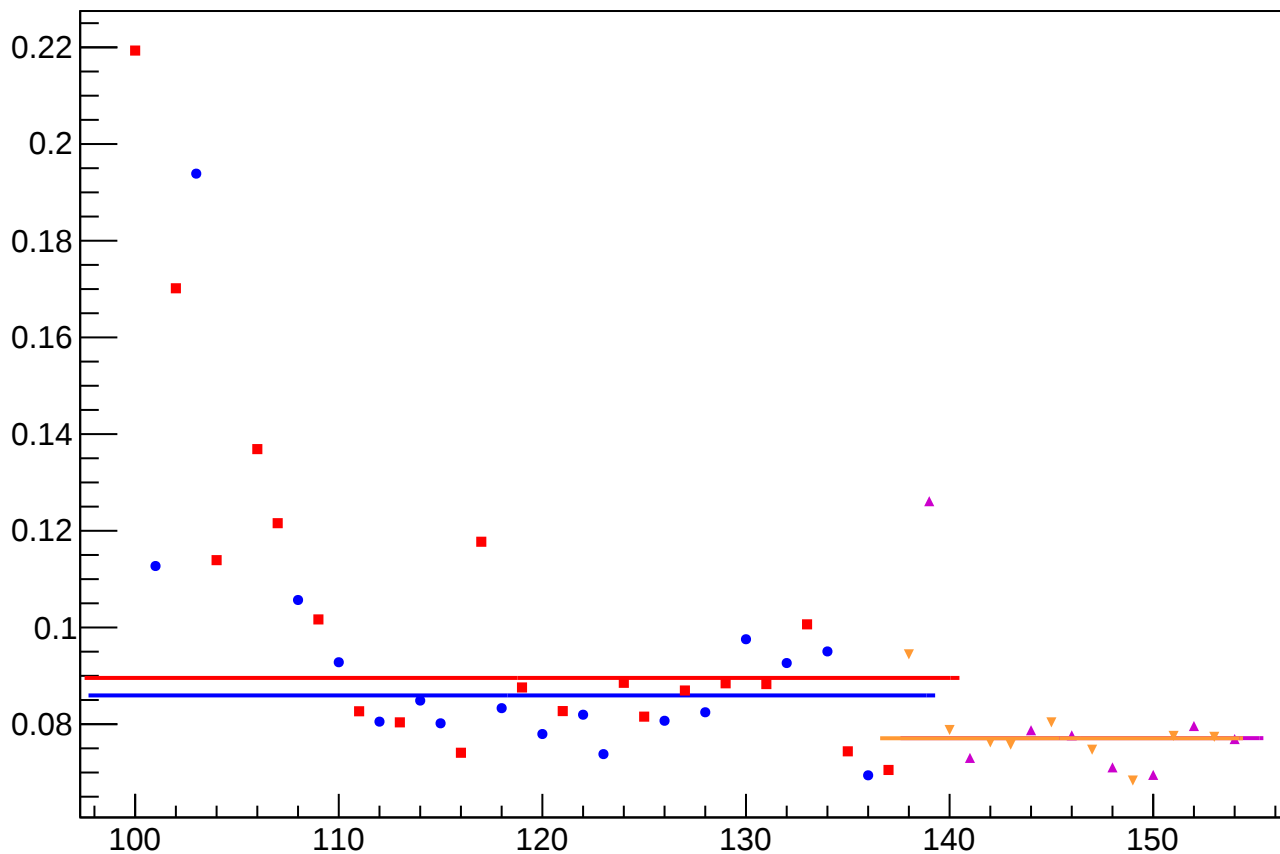
Right Out: 32.171 $\pm$ 0.000 χ^2 /NDF: 444137990.6/19

Left In: 31.822 $\pm$ 0.000 χ^2 /NDF:1320328694.1/7

31.843 $\pm$ 0.000 χ^2 /NDF: 2832113830.1/25

31.974 $\pm$ 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: 0.077+/-0.000 χ^2/NDF : 74419.1/8

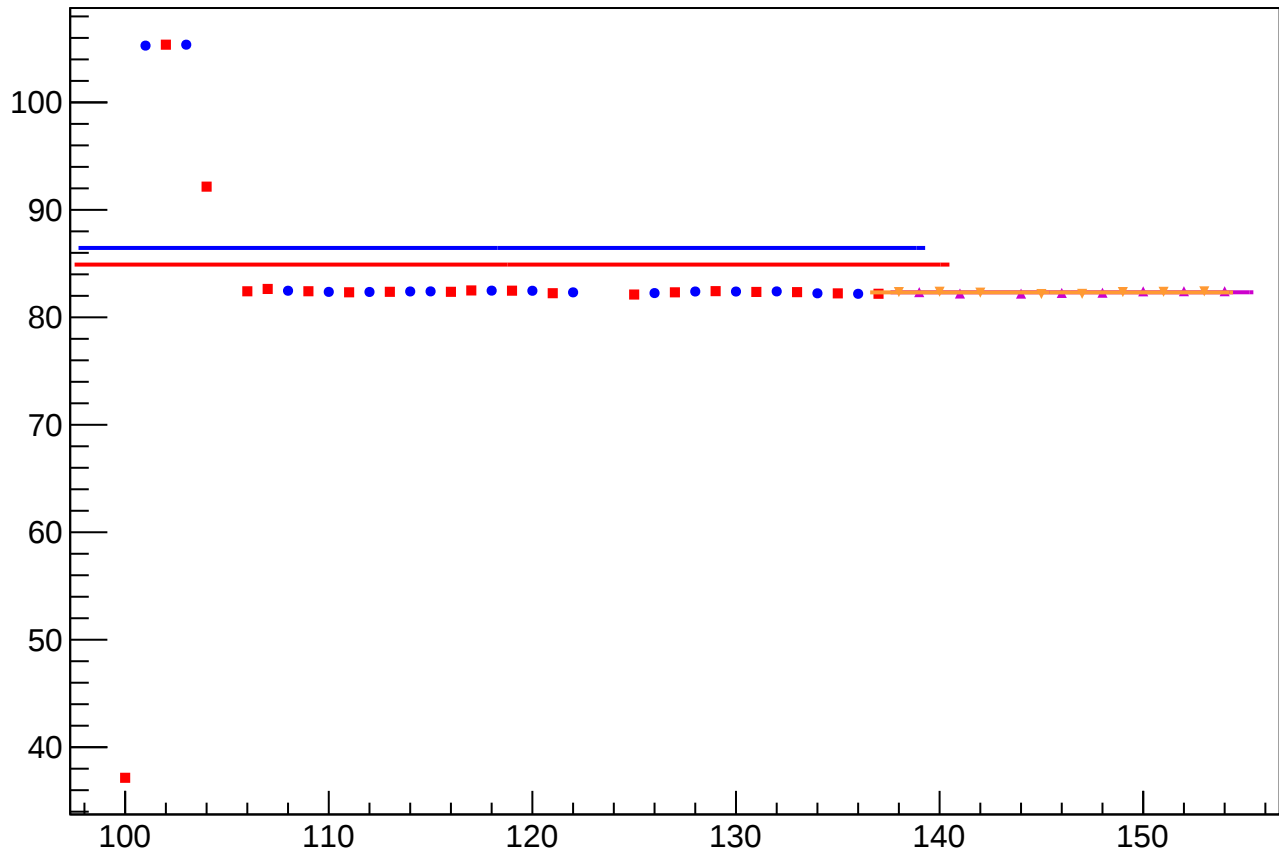
Right Out: 0.090+/-0.000 χ^2/NDF : 544516.7/19

Left In: 0.077+/-0.000 χ^2/NDF : 249933.6/7

0.081+/-0.000 χ^2/NDF : 696433.9/25

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: 82.321+/-0.000 χ^2/NDF : 24157750.2/7

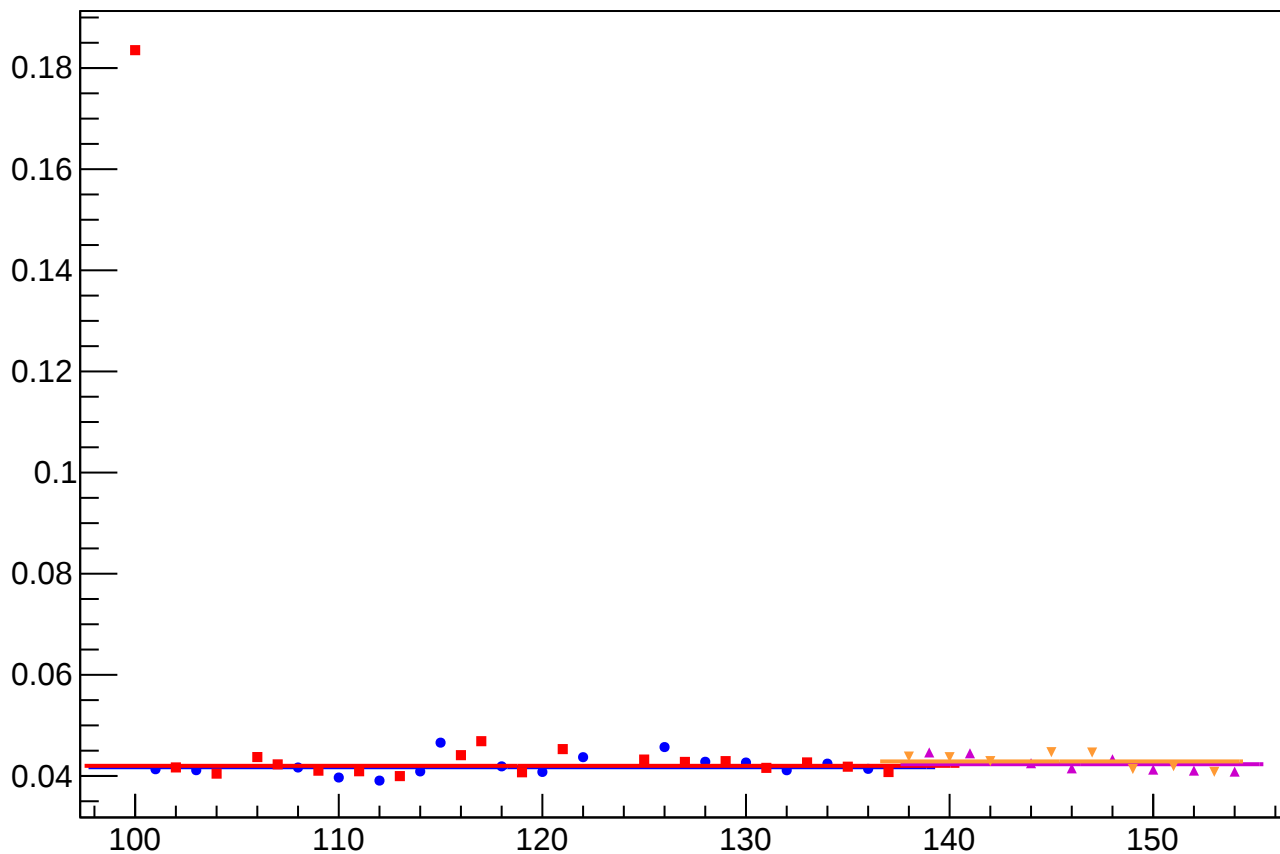
Right Out: 84.908+/-0.000 χ^2/NDF : 172306803858.3/18

Left In: 82.331+/-0.000 χ^2/NDF : 28895457.4/7

84.565+/-0.000 χ^2/NDF : 320932932890.8/23

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 :13137.8/7

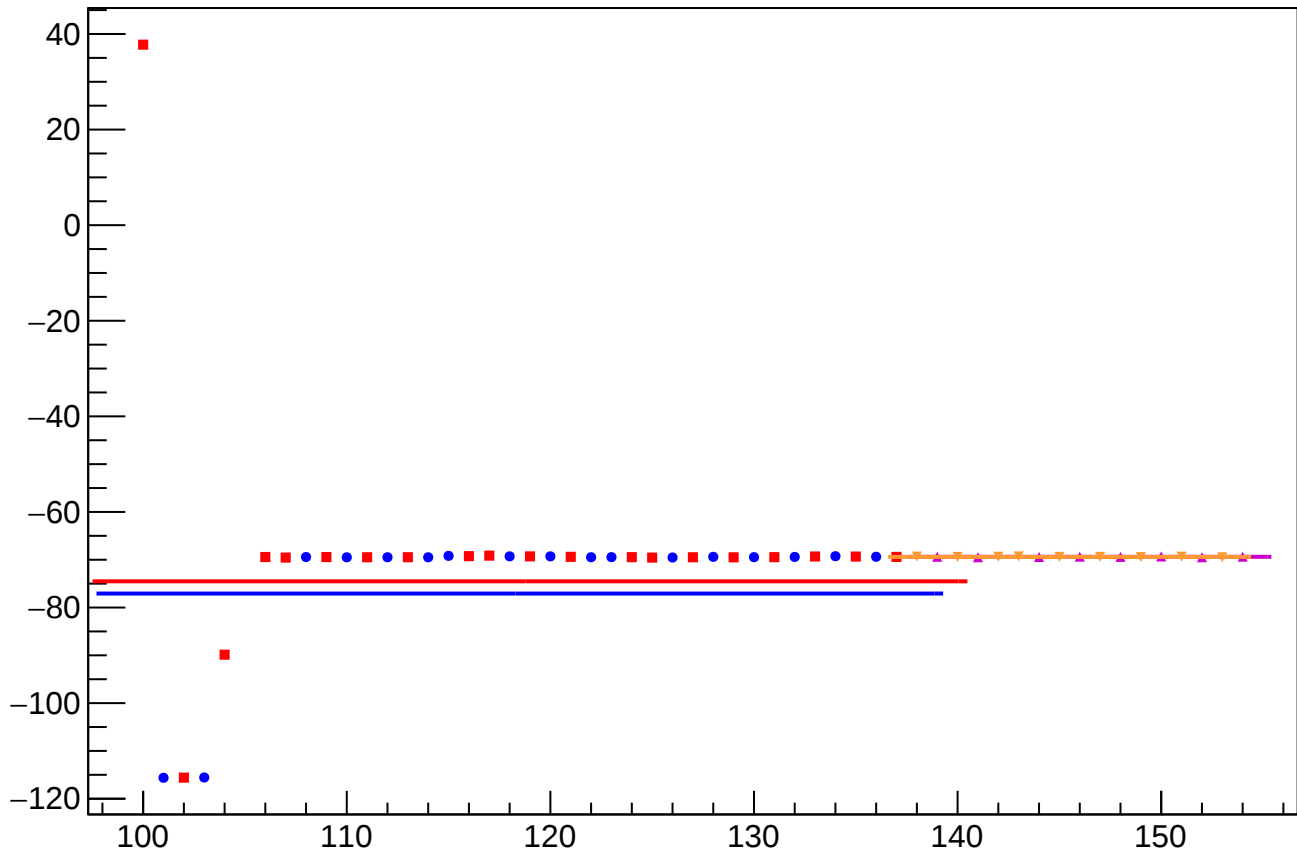
Right Out: 0.042+/-0.000 χ^2/NDF : 97785.5/18

Left In: 0.042+/-0.000 χ^2/NDF :14132.2/7

0.042+/-0.000 χ^2/NDF : 36561.3/23

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: -69.405+/-0.000 χ^2/NDF : 5746173.8/8

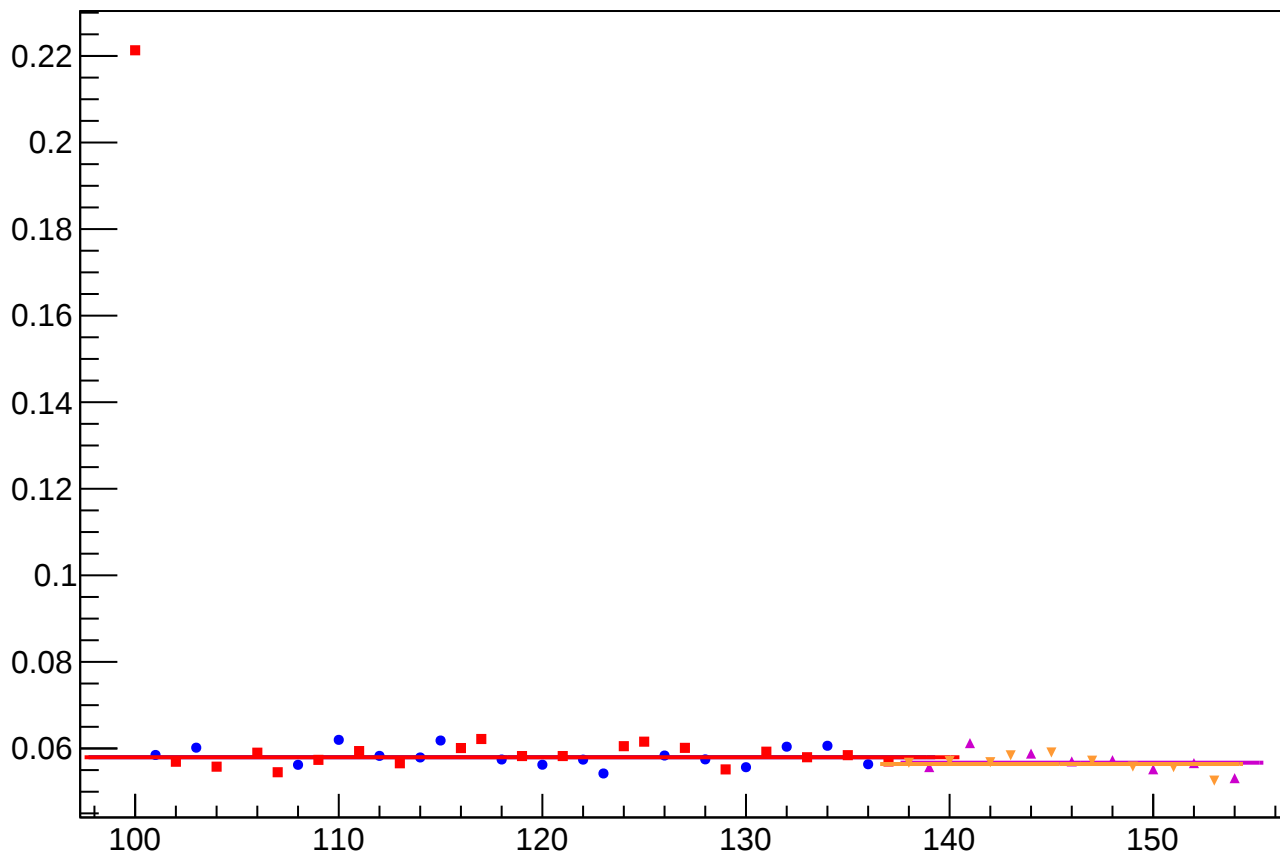
Right Out: -74.518+/-0.000 χ^2/NDF : 372210051226.2/19

Left In: -69.389+/-0.000 χ^2/NDF : 5932925.5/7

-73.161+/-0.000 χ^2/NDF : 622867437788.7/25

-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 :13771.4/8

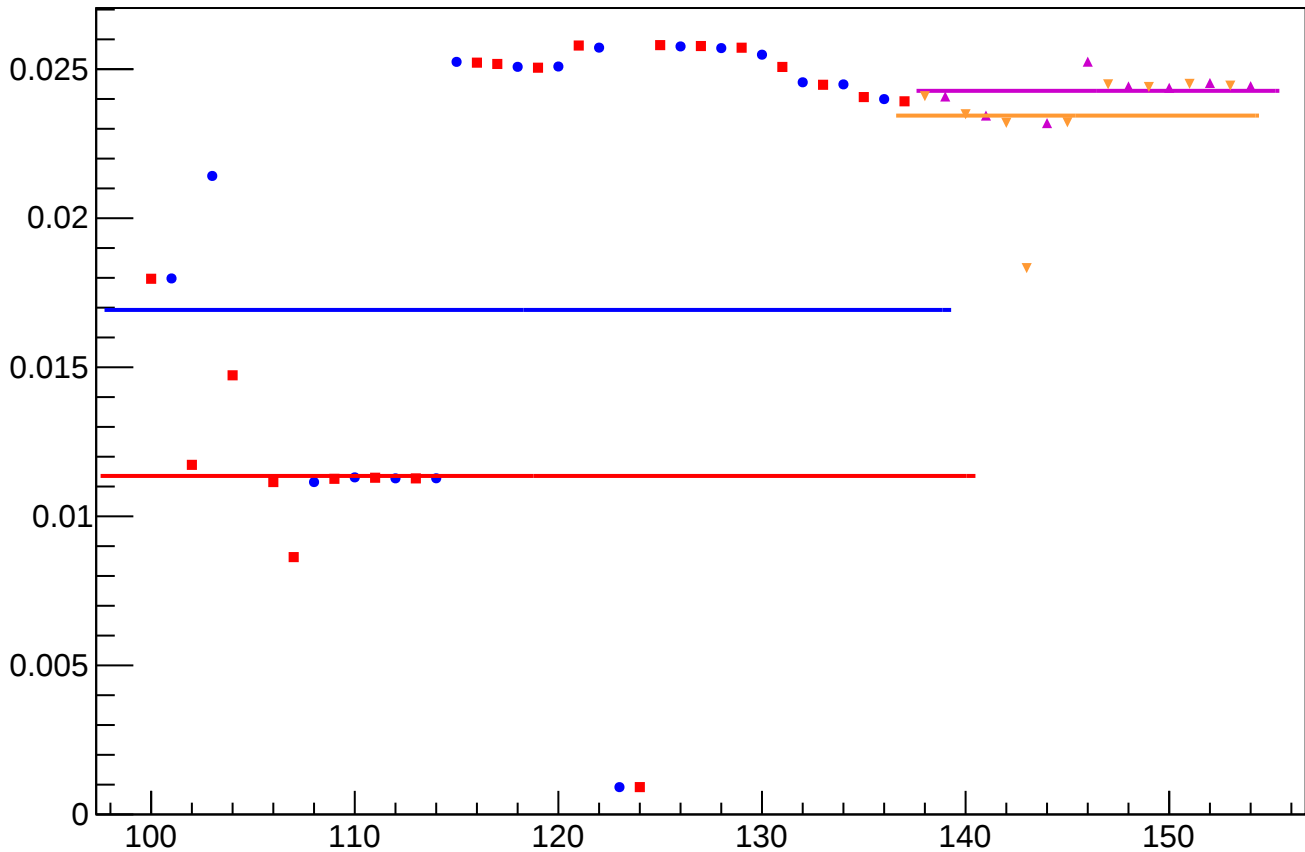
Right Out: 0.058+/-0.000 χ^2/NDF : 86860.7/19

Left In: 0.057+/-0.000 χ^2/NDF :20344.1/7

0.057+/-0.000 χ^2/NDF : 30846.1/25

0.057+/-0.000 χ^2/NDF : 110378.5/27

yield_atl1_mean vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 126447785006.7/16

Left Out: 0.023+/-0.000 χ^2/NDF : 4609651695.6/8

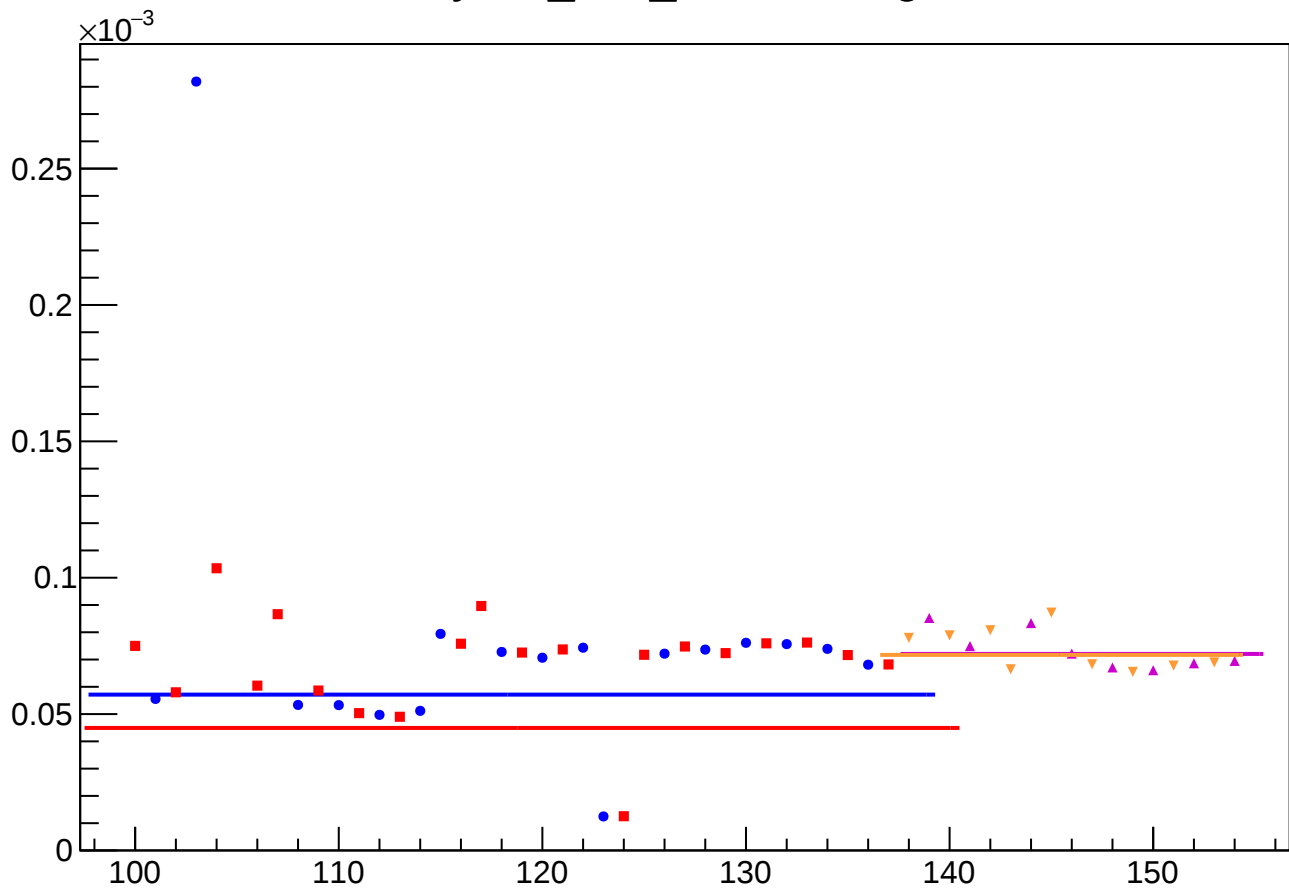
0.020+/-0.000 χ^2/NDF : 161214440214.4/25

Right Out: 0.011+/-0.000 χ^2/NDF : 235754579473.9/19

0.016+/-0.000 χ^2/NDF : 372003043988.9/27

Left In: 0.024+/-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 :112027.6/8

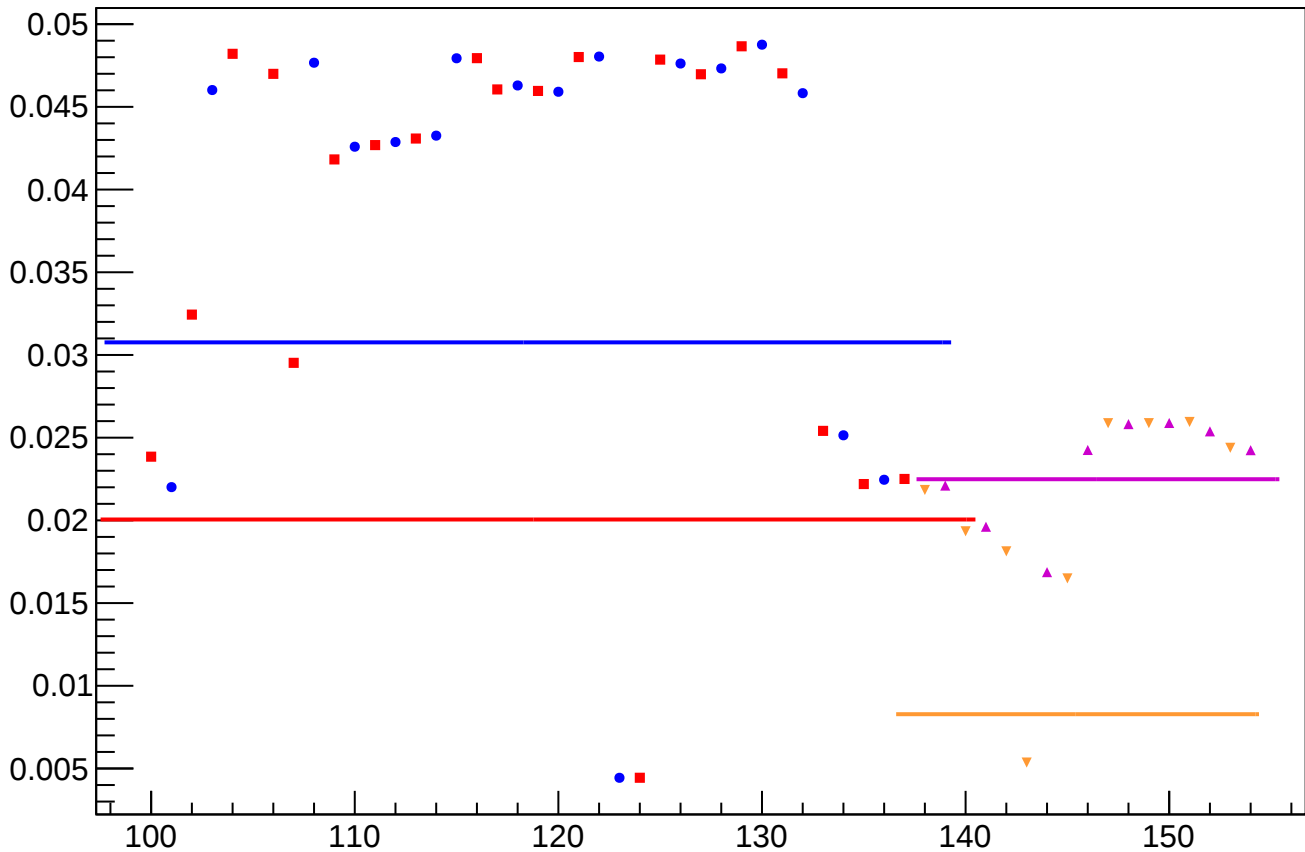
Right Out: 0.000+/-0.000 χ^2/NDF : 3613155.3/19

Left In: 0.000+/-0.000 χ^2/NDF :95923.1/7

0.000+/-0.000 χ^2/NDF : 2413354.6/25

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: 0.008+/-0.000 χ^2/NDF :18120805436.0/8

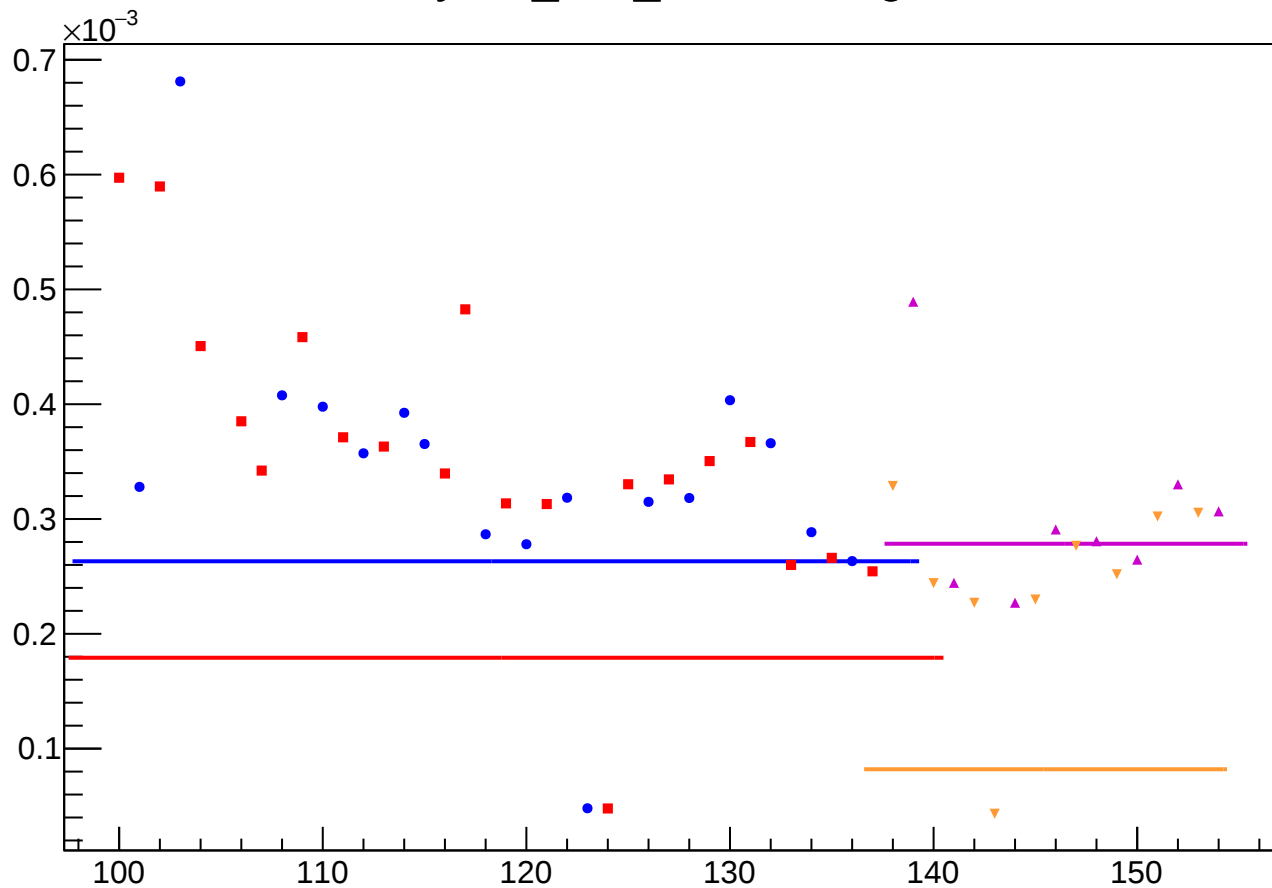
0.012+/-0.000 χ^2/NDF : 69932924713.2/25

Right Out: 0.020+/-0.000 χ^2/NDF : 40133684916.8/19

0.021+/-0.000 χ^2/NDF : 41331009053.4/27

Left In: 0.022+/-0.000 χ^2/NDF :925577262.2/7

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 : 6166030.8/8

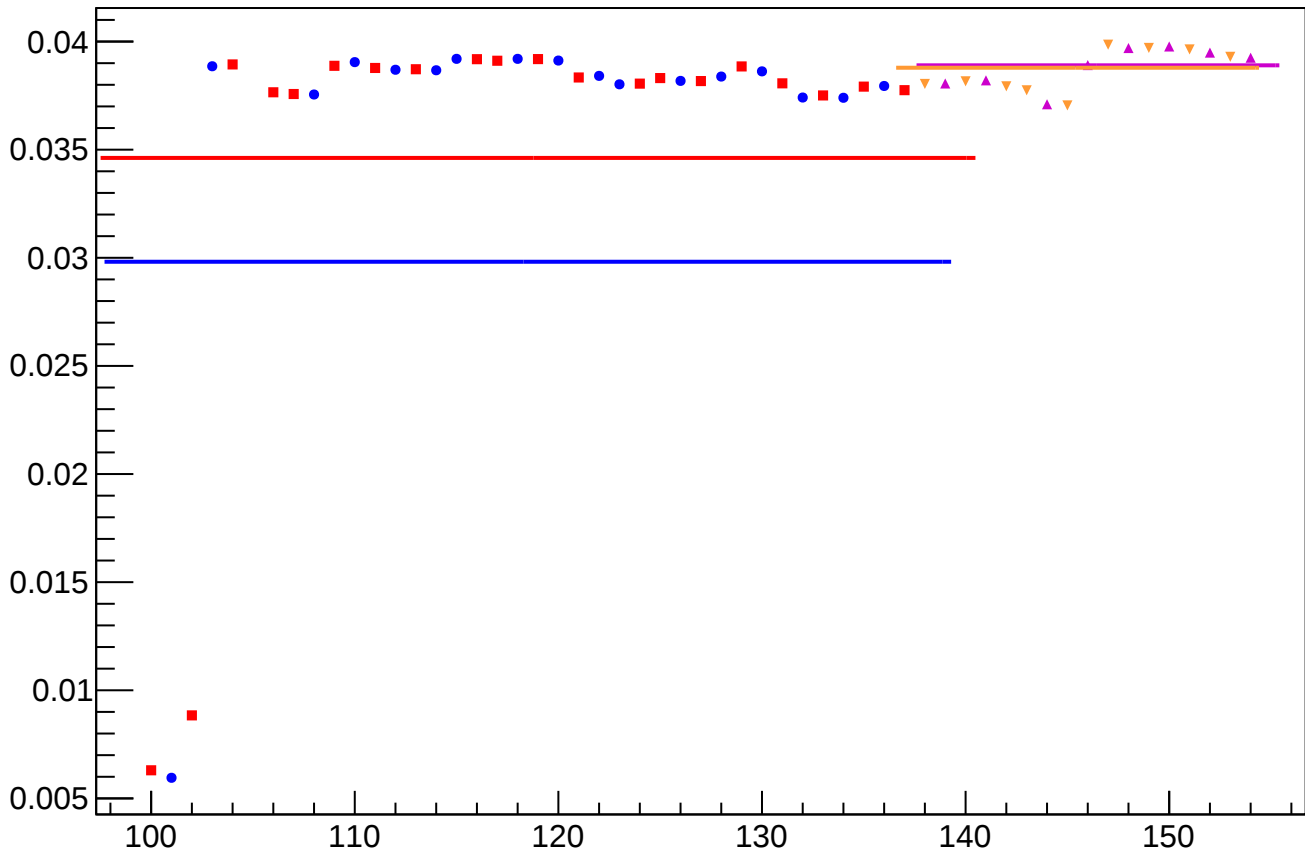
Right Out: 0.000+/-0.000 χ^2/NDF : 5374355.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 426825.2/7

0.000+/-0.000 χ^2/NDF : 12546561.2/25

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 : 315594599.4/8

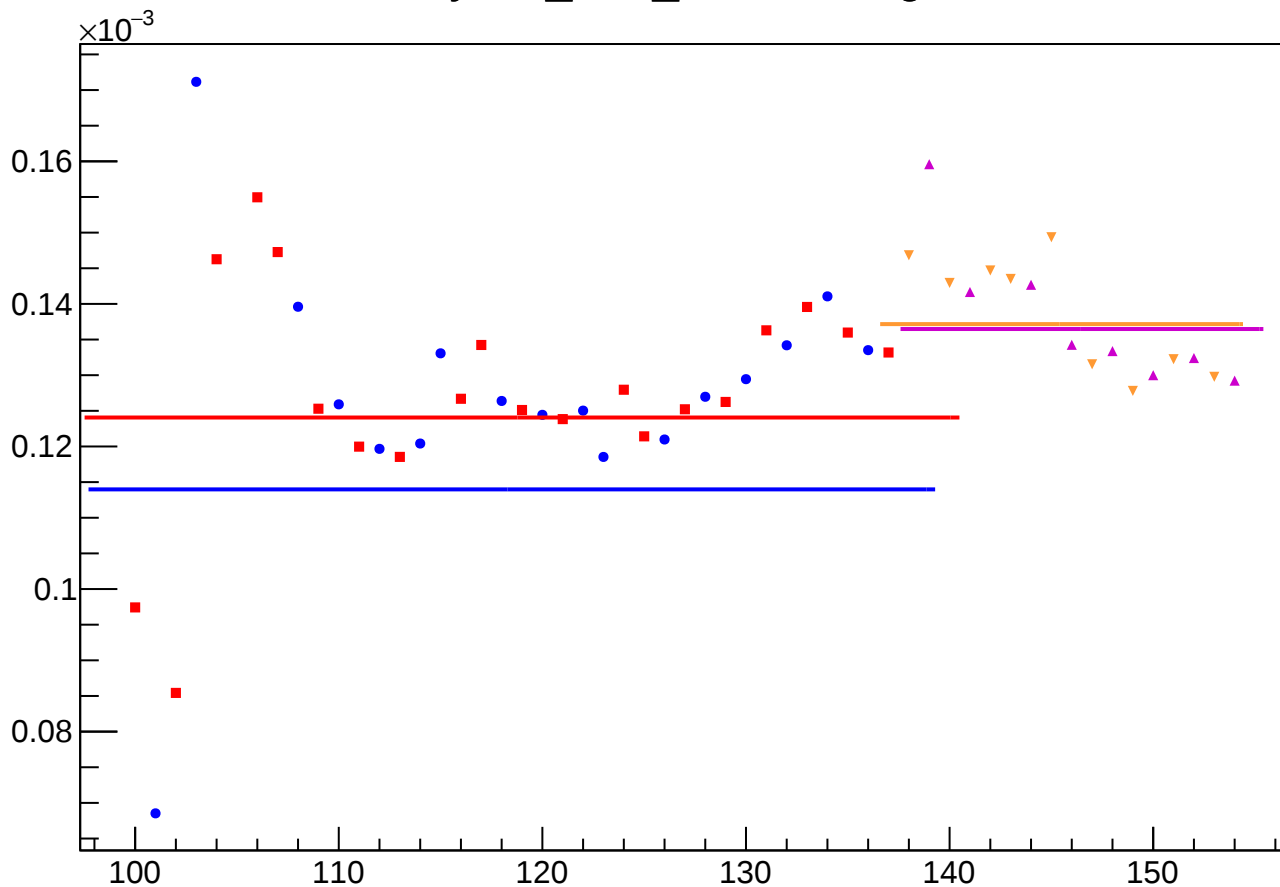
0.034 $\pm$ 0.000 χ^2/NDF : 113287002026.6/25

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 : 41605.5/8

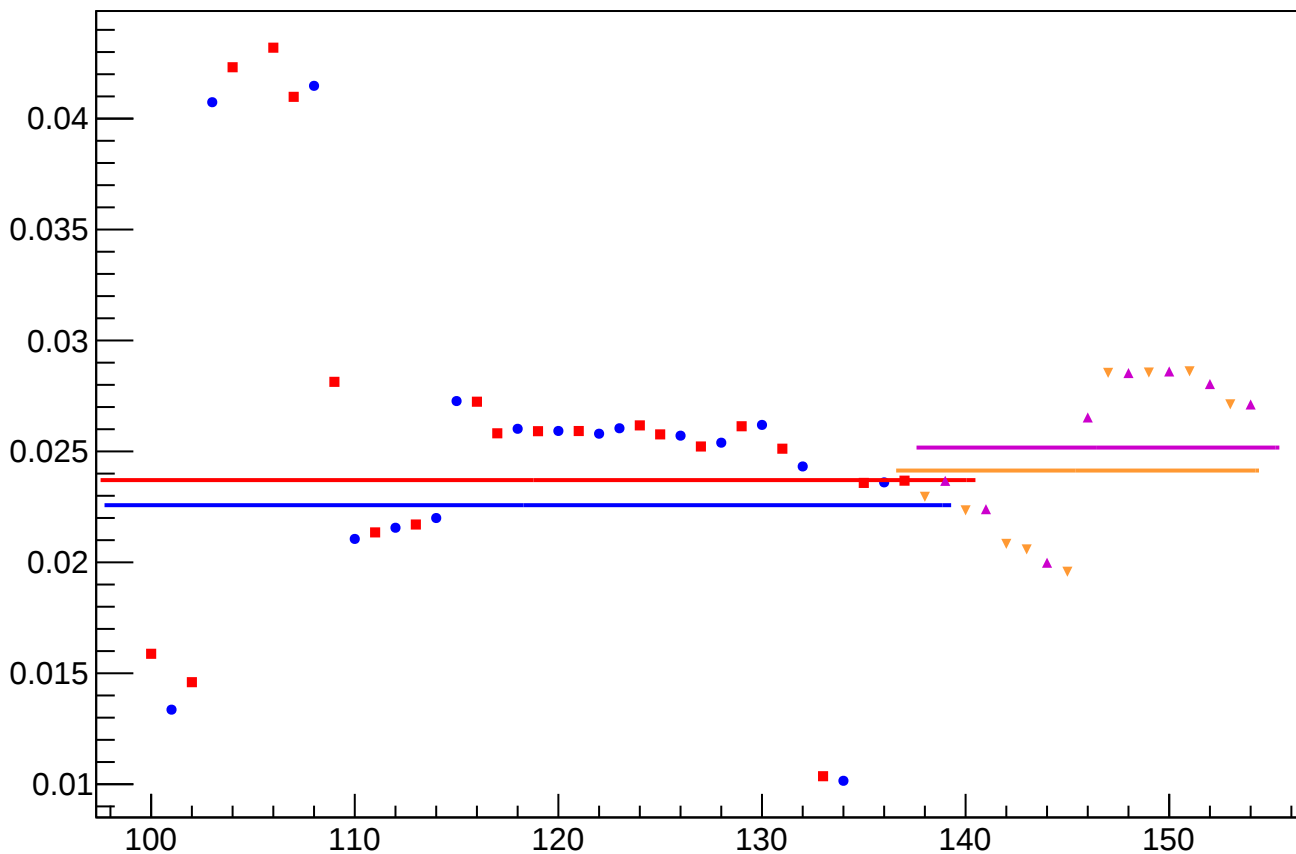
Right Out: 0.000+/-0.000 χ^2/NDF : 245649.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 47504.3/7

0.000+/-0.000 χ^2/NDF : 1047445.4/25

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 : 1226814713.0/8

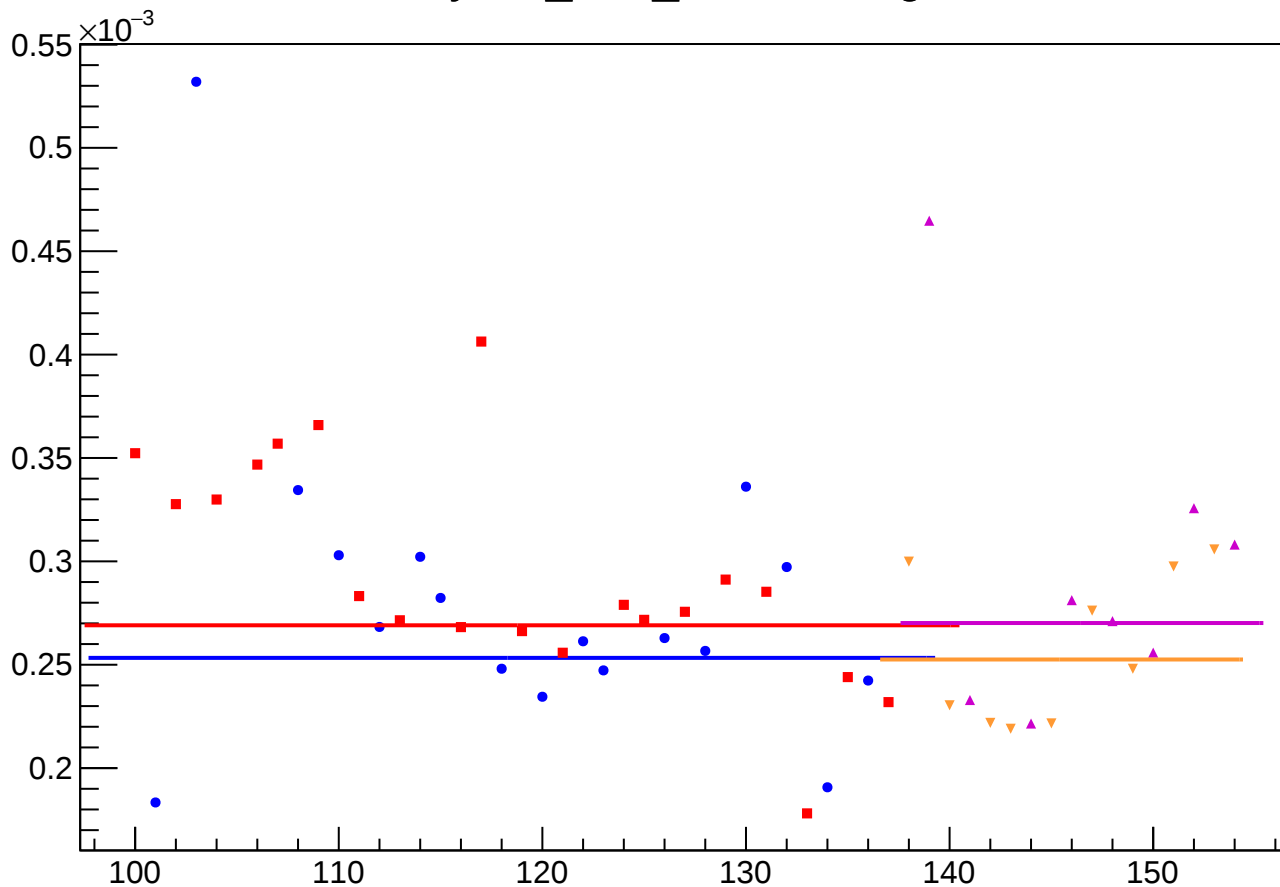
Right Out: 0.024+/-0.000 χ^2/NDF : 5652505580.7/19

Left In: 0.025+/-0.000 χ^2/NDF : 911267649.5/7

0.023+/-0.000 χ^2/NDF : 5584436811.9/25

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 :200321.1/8

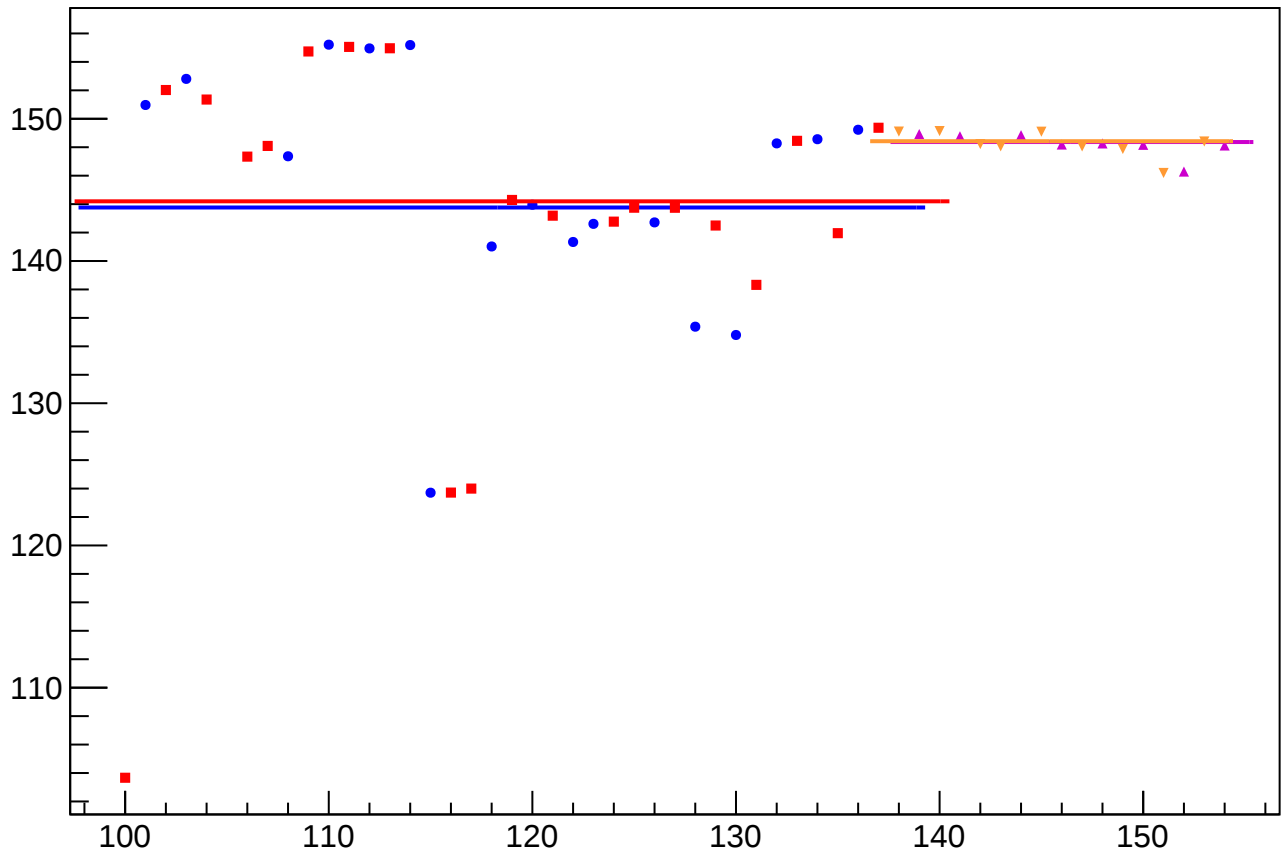
Right Out: 0.000+/-0.000 χ^2/NDF : 437710.5/19

Left In: 0.000+/-0.000 χ^2/NDF :435825.8/7

0.000+/-0.000 χ^2/NDF : 829536.1/25

0.000+/-0.000 χ^2/NDF : 873636.3/27

yield_bcm_an_ds_mean vs Slug



Right In: 143.763+/-0.000 χ^2/NDF : 3534699505.1/16

Left Out: 148.423+/-0.000 χ^2/NDF : 30682610.8/8

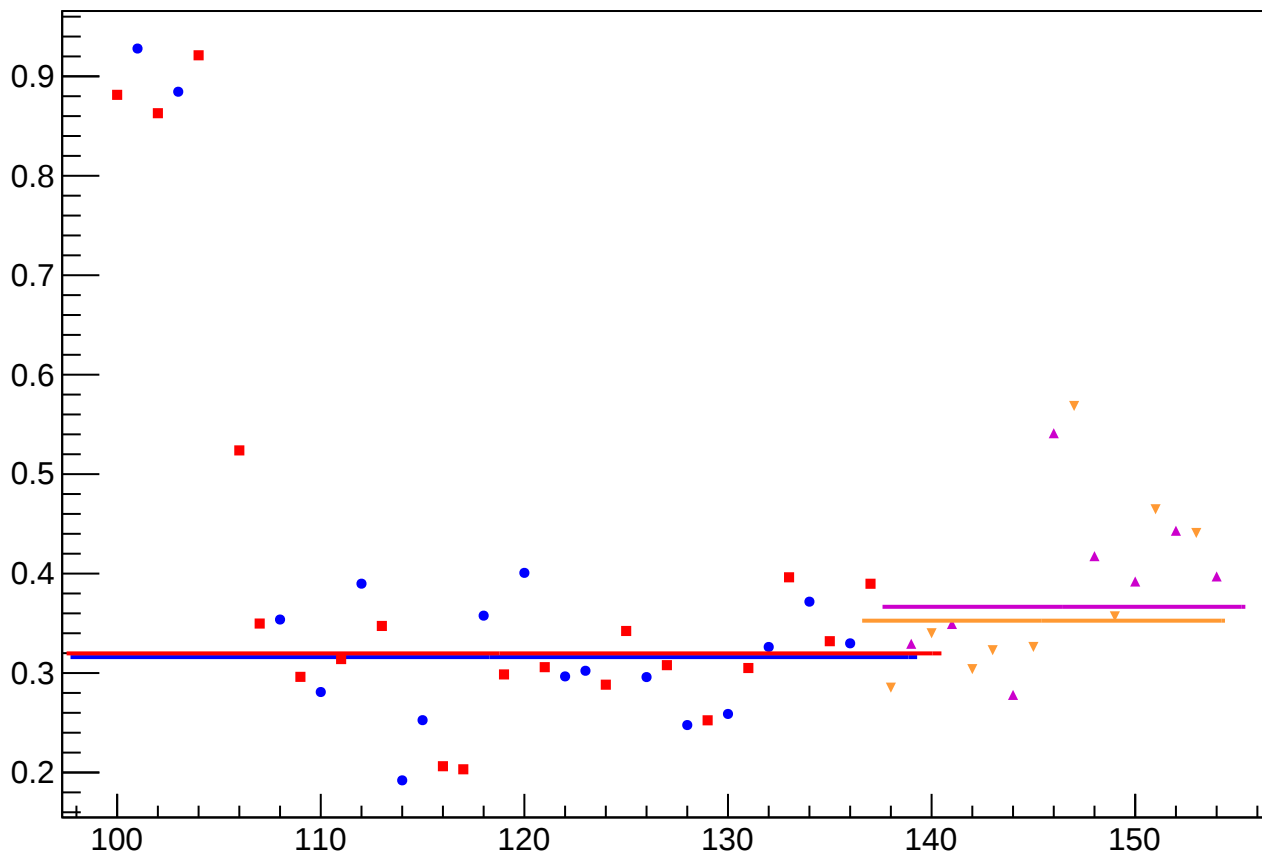
Right Out: 144.197+/-0.000 χ^2/NDF : 4523139755.0/19

Left In: 148.365+/-0.000 χ^2/NDF : 23415671.2/7

145.935+/-0.000 χ^2/NDF : 4128321306.4/25

146.038+/-0.000 χ^2/NDF : 4987957330.5/27

yield_bcm_an_ds_rms vs Slug



Right In: 0.316+/-0.000 χ^2/NDF : 1265921.5/16

Left Out: 0.353+/-0.000 χ^2/NDF : 482822.2/8

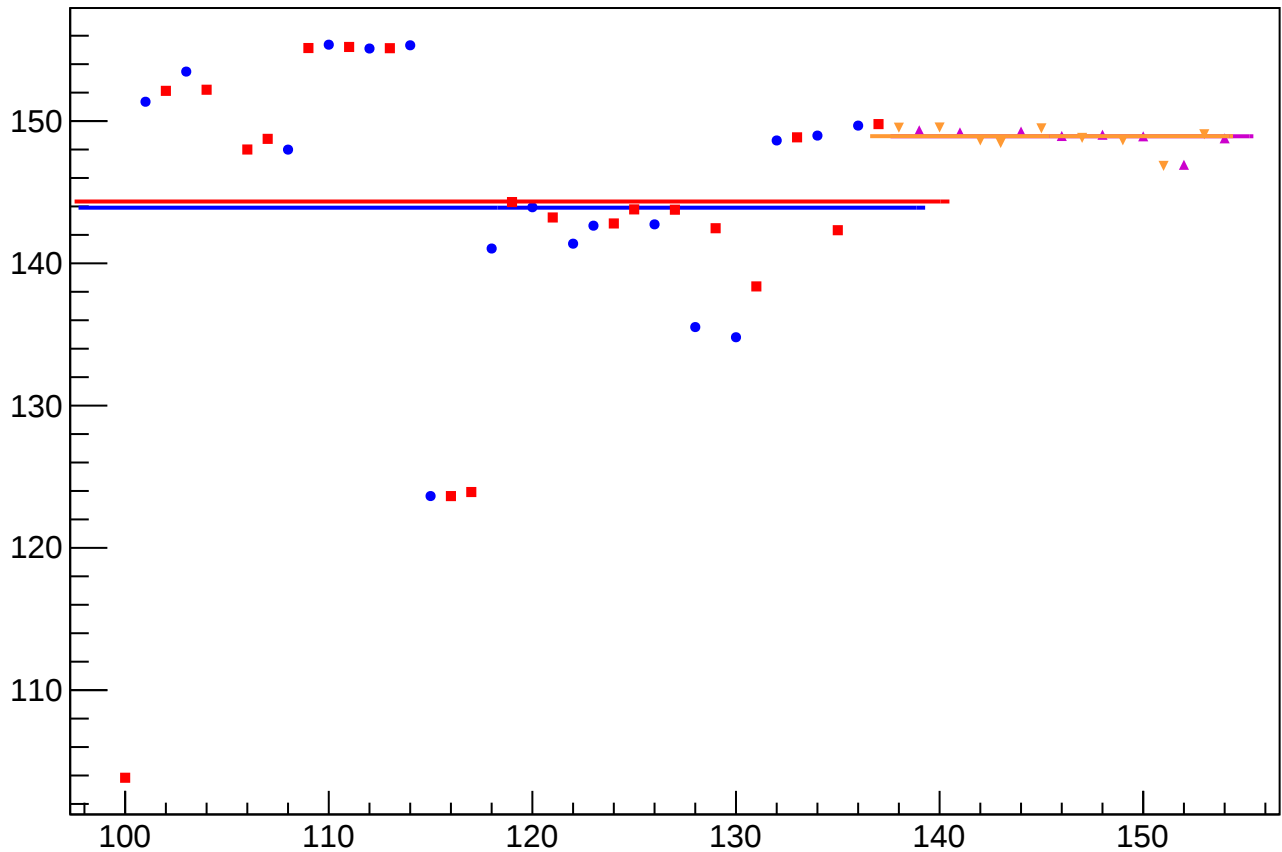
Right Out: 0.320+/-0.000 χ^2/NDF : 1241752.3/19

Left In: 0.367+/-0.000 χ^2/NDF : 441682.7/7

0.333+/-0.000 χ^2/NDF : 1818273.9/25

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: 148.938 $\pm$ 0.000 χ^2 /NDF:24496900.5/8

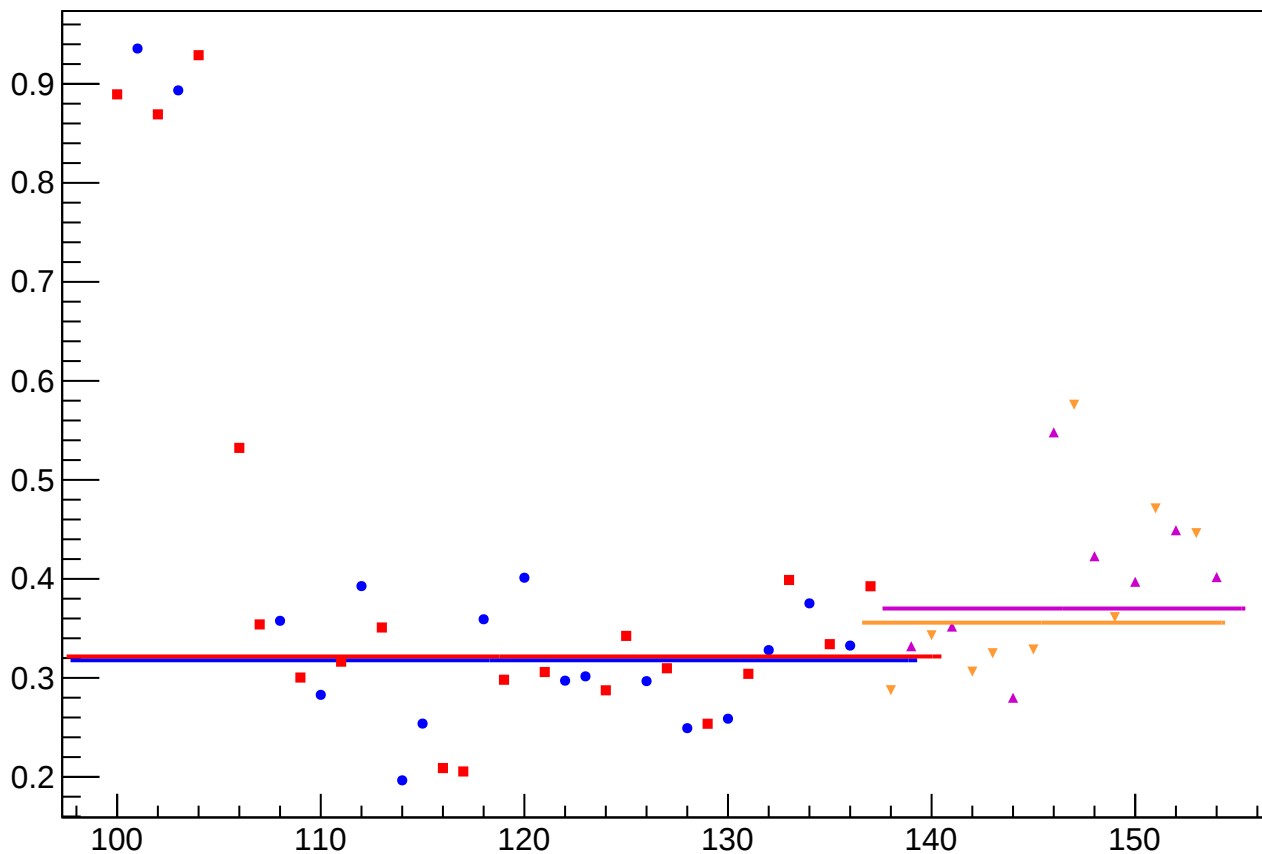
146.245 $\pm$ 0.000 χ^2 /NDF: 4257120505.8/25

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: 0.356 ± 0.000 χ^2/NDF : 492211.3/8

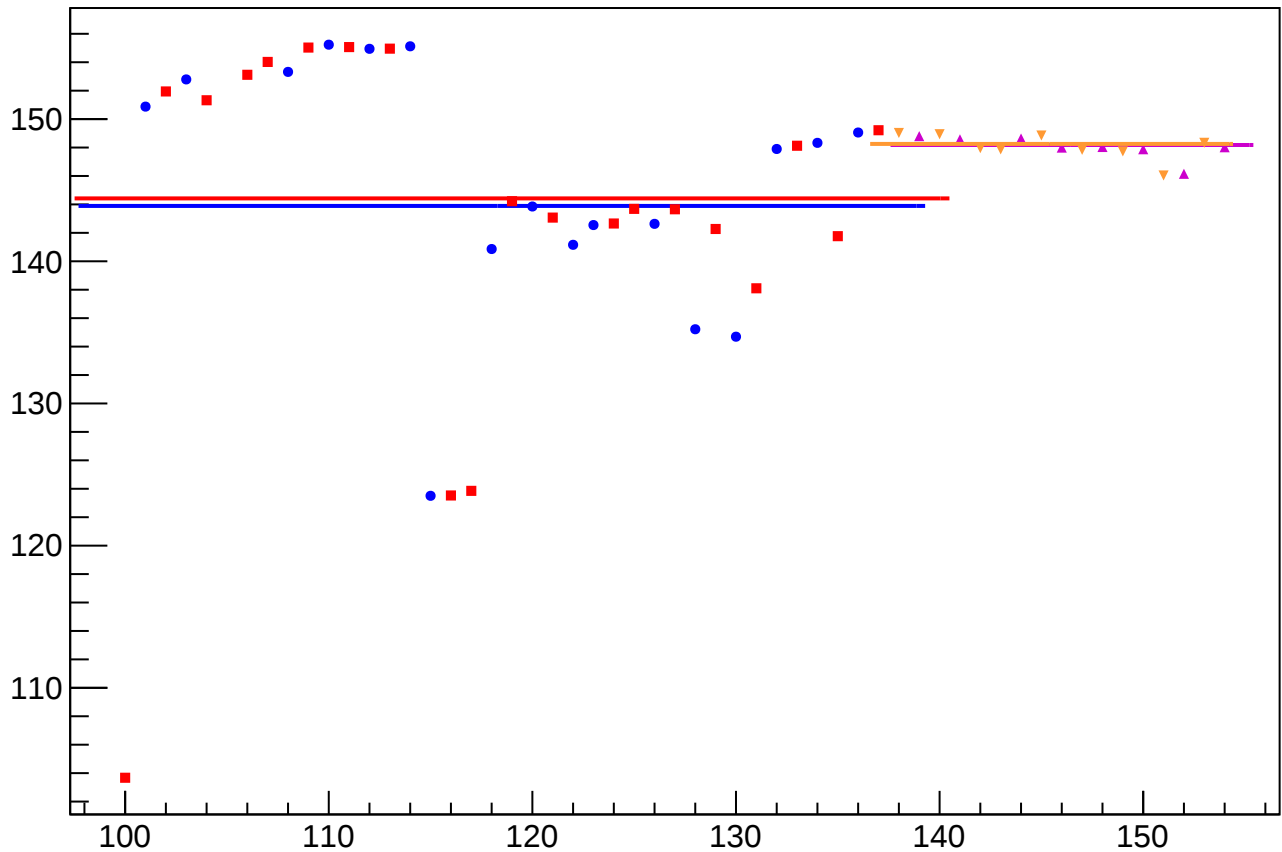
Right Out: 0.322 ± 0.000 χ^2/NDF : 1244304.0/19

Left In: 0.370 ± 0.000 χ^2/NDF : 452478.1/7

0.335 ± 0.000 χ^2/NDF : 1834189.2/25

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: 148.254 ± 0.000 χ^2/NDF : 30778700.1/8

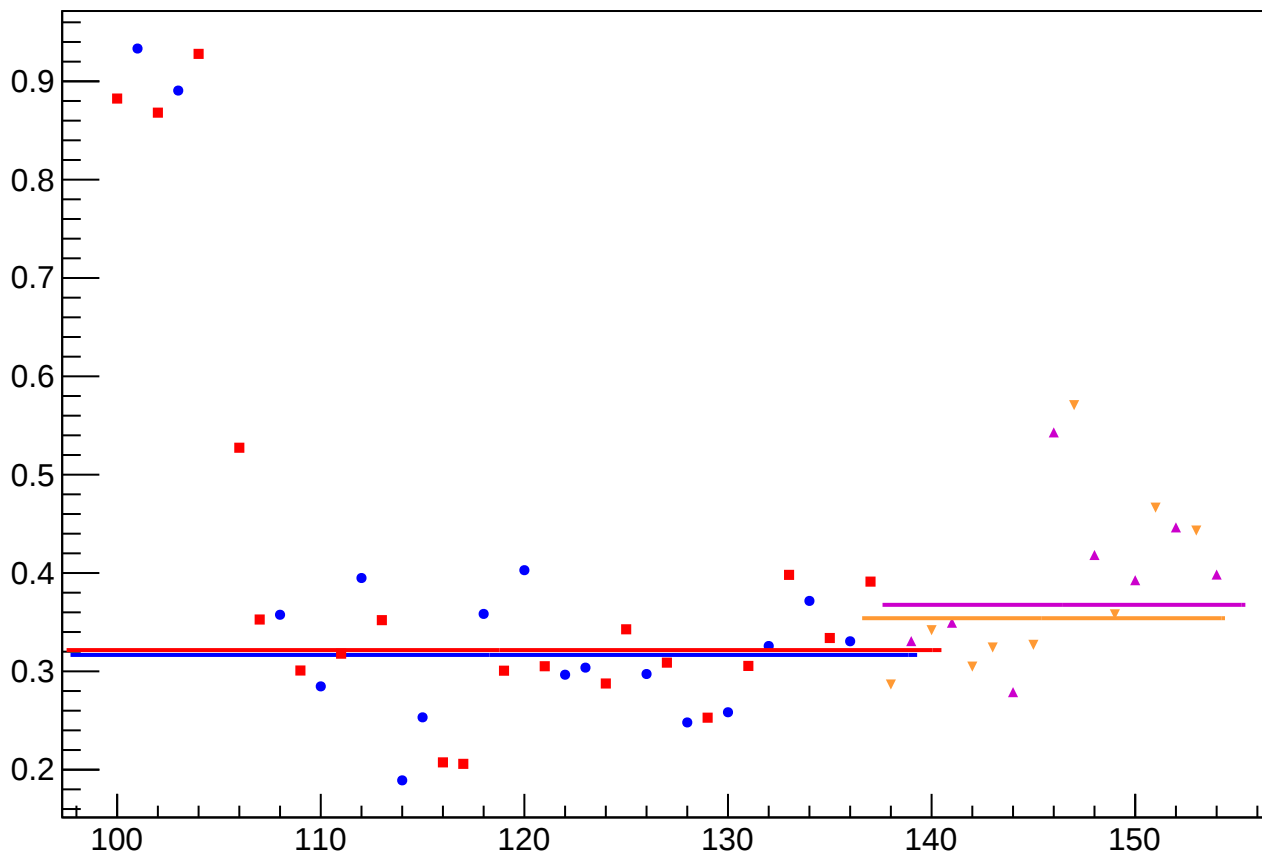
Right Out: 144.423 ± 0.000 χ^2/NDF : 4819194675.6/19

Left In: 148.179 ± 0.000 χ^2/NDF : 22626916.8/7

145.924 ± 0.000 χ^2/NDF : 4272833501.5/25

146.088 ± 0.000 χ^2/NDF : 5197237044.8/27

yield_bcm_an_us_rms vs Slug



Right In: 0.317+/-0.000 χ^2/NDF : 1280358.6/16

Left Out: 0.354+/-0.000 χ^2/NDF : 483226.2/8

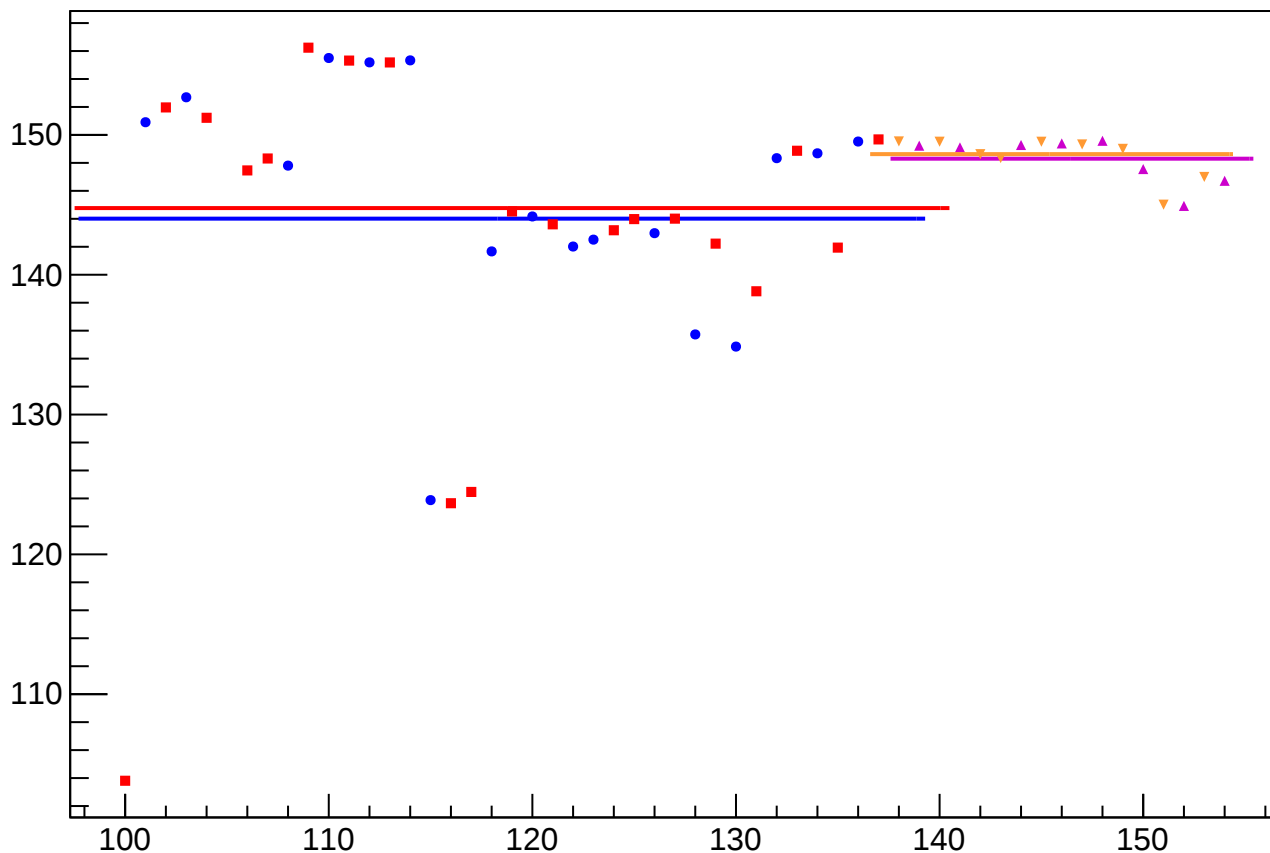
Right Out: 0.322+/-0.000 χ^2/NDF : 1244671.1/19

Left In: 0.368+/-0.000 χ^2/NDF : 443721.0/7

0.334+/-0.000 χ^2/NDF : 1835334.9/25

0.342+/-0.000 χ^2/NDF : 1795087.8/27

yield_bcm_dg_us_mean vs Slug



Right In: 144.012 ± 0.000 χ^2/NDF : 3241696920.3/16

Left Out: 148.627 ± 0.000 χ^2/NDF : 72345171.0/8

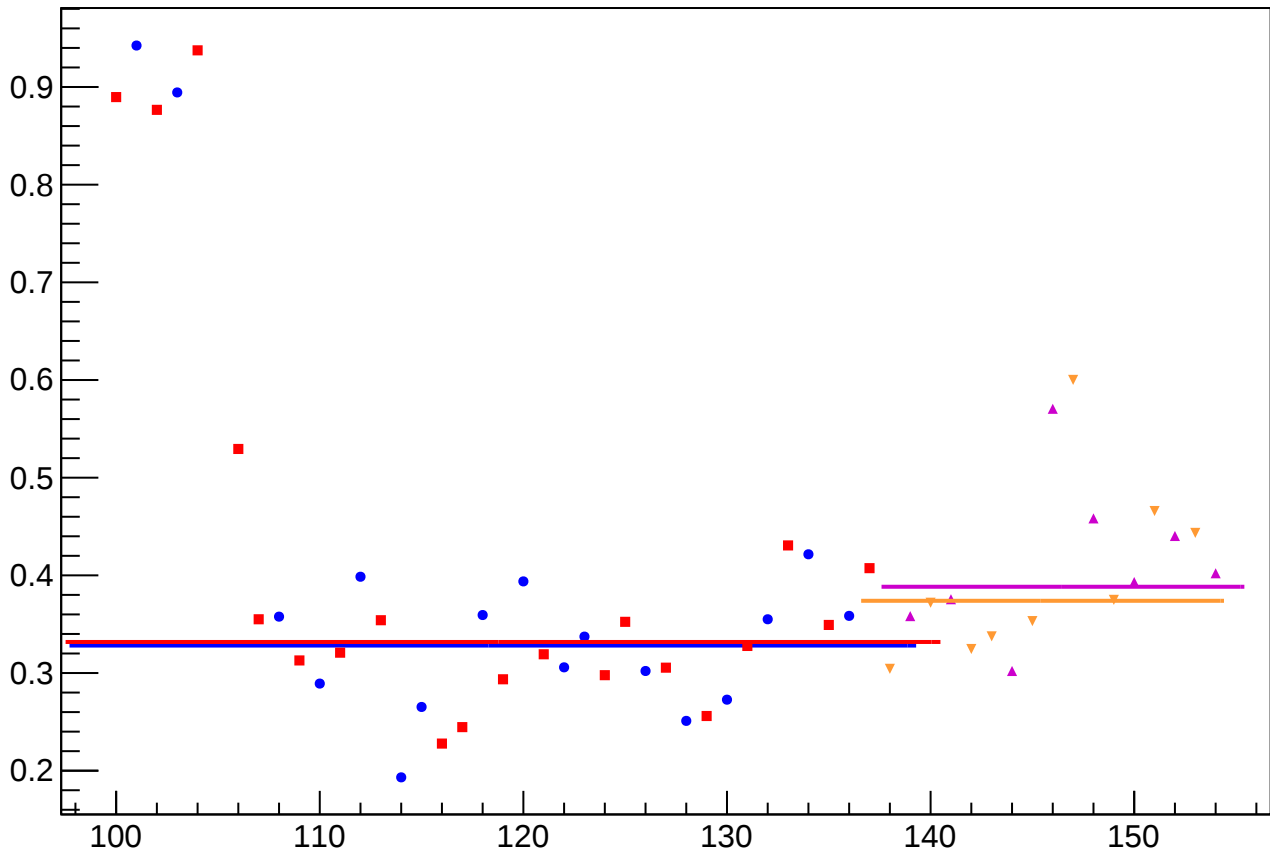
Right Out: 144.767 ± 0.000 χ^2/NDF : 4097482970.1/19

Left In: 148.300 ± 0.000 χ^2/NDF : 87287935.6/7

146.118 ± 0.000 χ^2/NDF : 3812686206.7/25

146.295 ± 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: 0.374 ± 0.000 χ^2/NDF : 414919.7/8

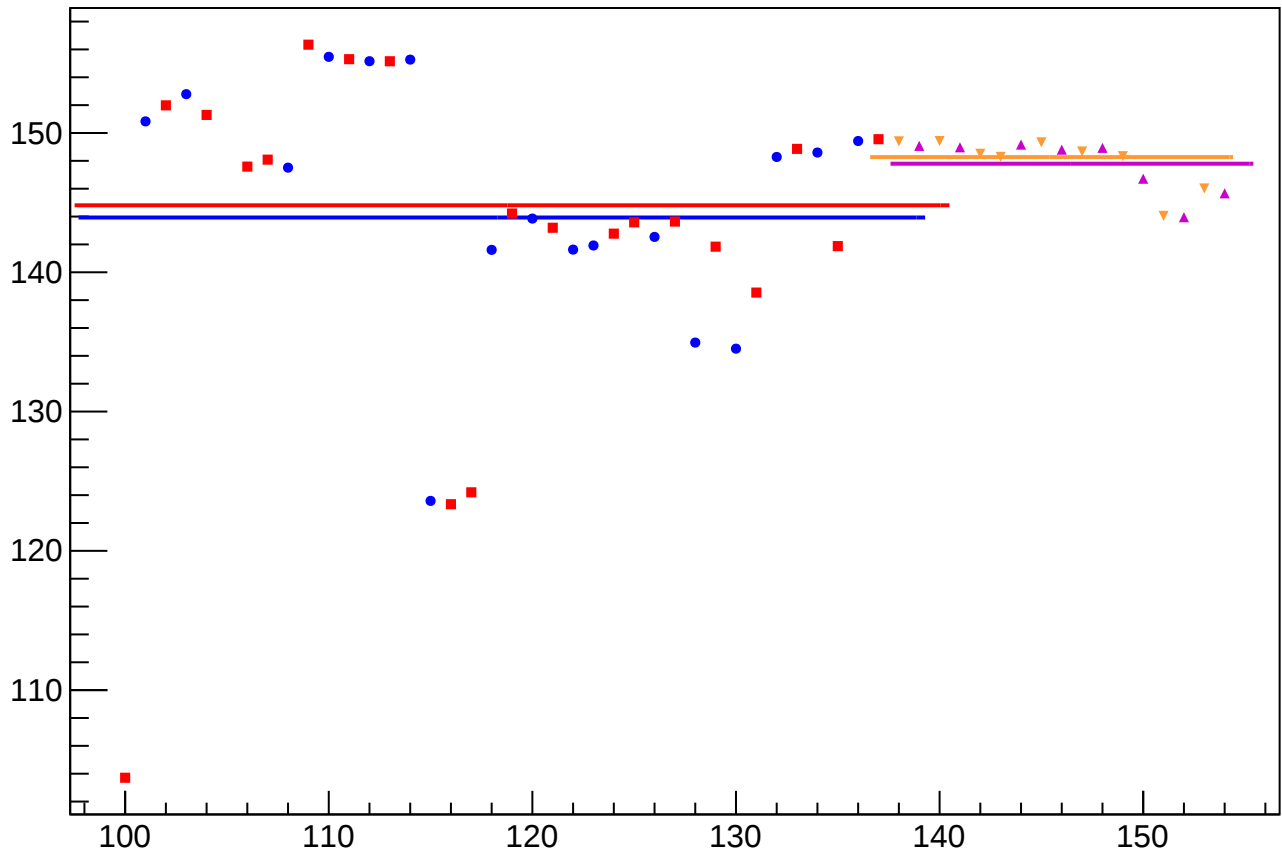
Right Out: 0.332 ± 0.000 χ^2/NDF : 1194167.8/19

Left In: 0.388 ± 0.000 χ^2/NDF : 365793.5/7

0.349 ± 0.000 χ^2/NDF : 1779177.3/25

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: 148.269 $\pm$ 0.000 χ^2 /NDF:104552102.1/8

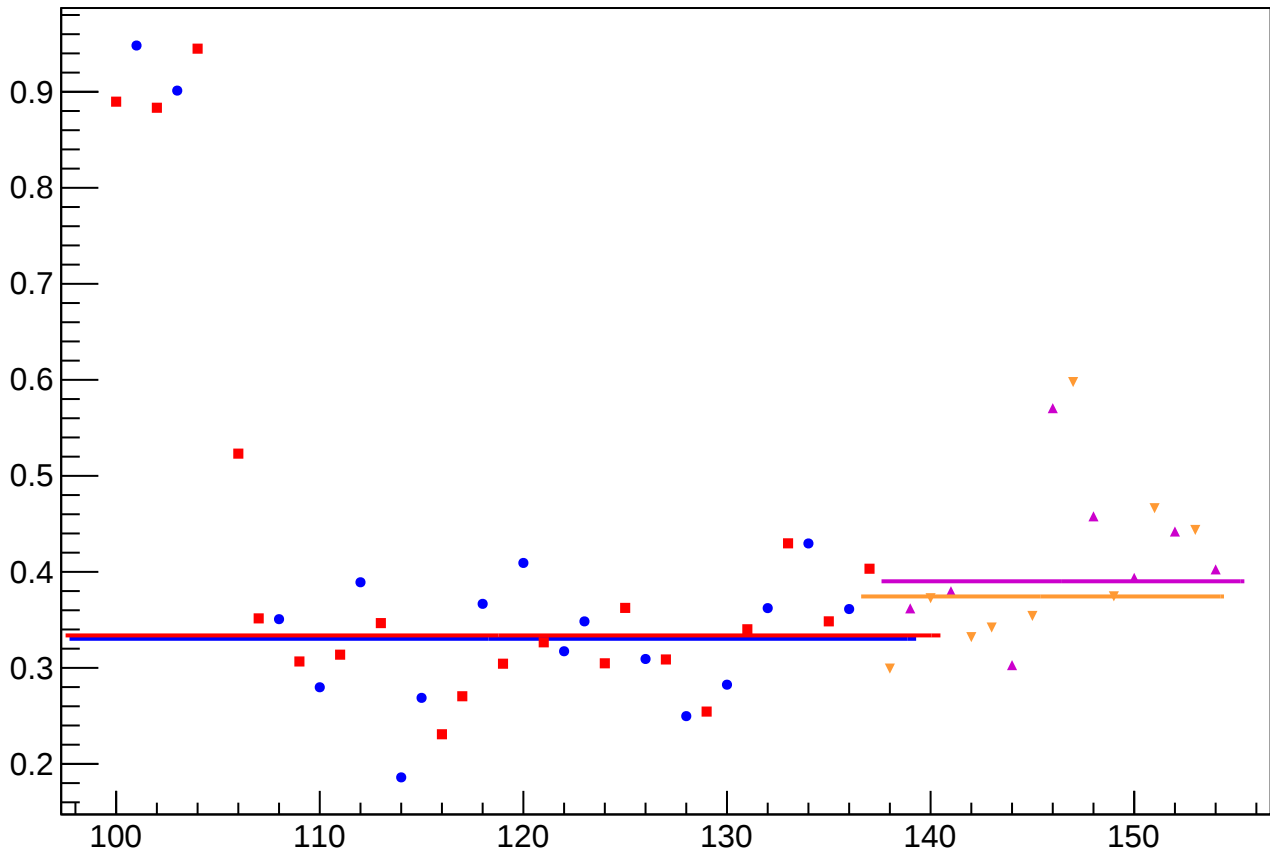
145.924 $\pm$ 0.000 χ^2 /NDF: 3923353922.8/25

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: 0.374+/-0.000 χ^2/NDF : 415533.3/8

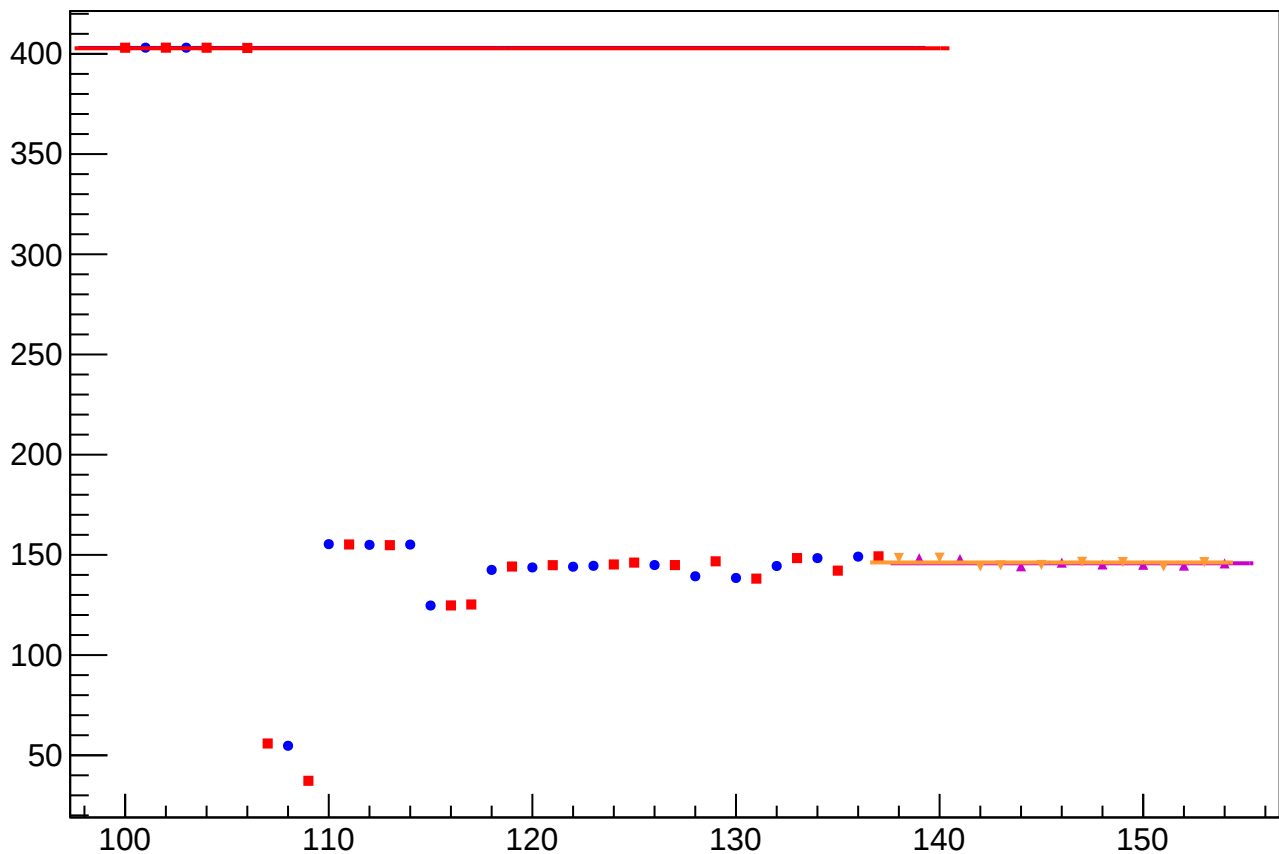
Right Out: 0.334+/-0.000 χ^2/NDF : 1177889.1/19

Left In: 0.390+/-0.000 χ^2/NDF : 358436.1/7

0.351+/-0.000 χ^2/NDF : 1789534.4/25

0.358+/-0.000 χ^2/NDF : 1681295.5/27

yield_cav4bQ_mean vs Slug



Right In: 402.958+/-0.000 χ^2/NDF : 1094364588383.4/16

Left Out: 146.215+/-0.000 χ^2/NDF : 30391557.4/8

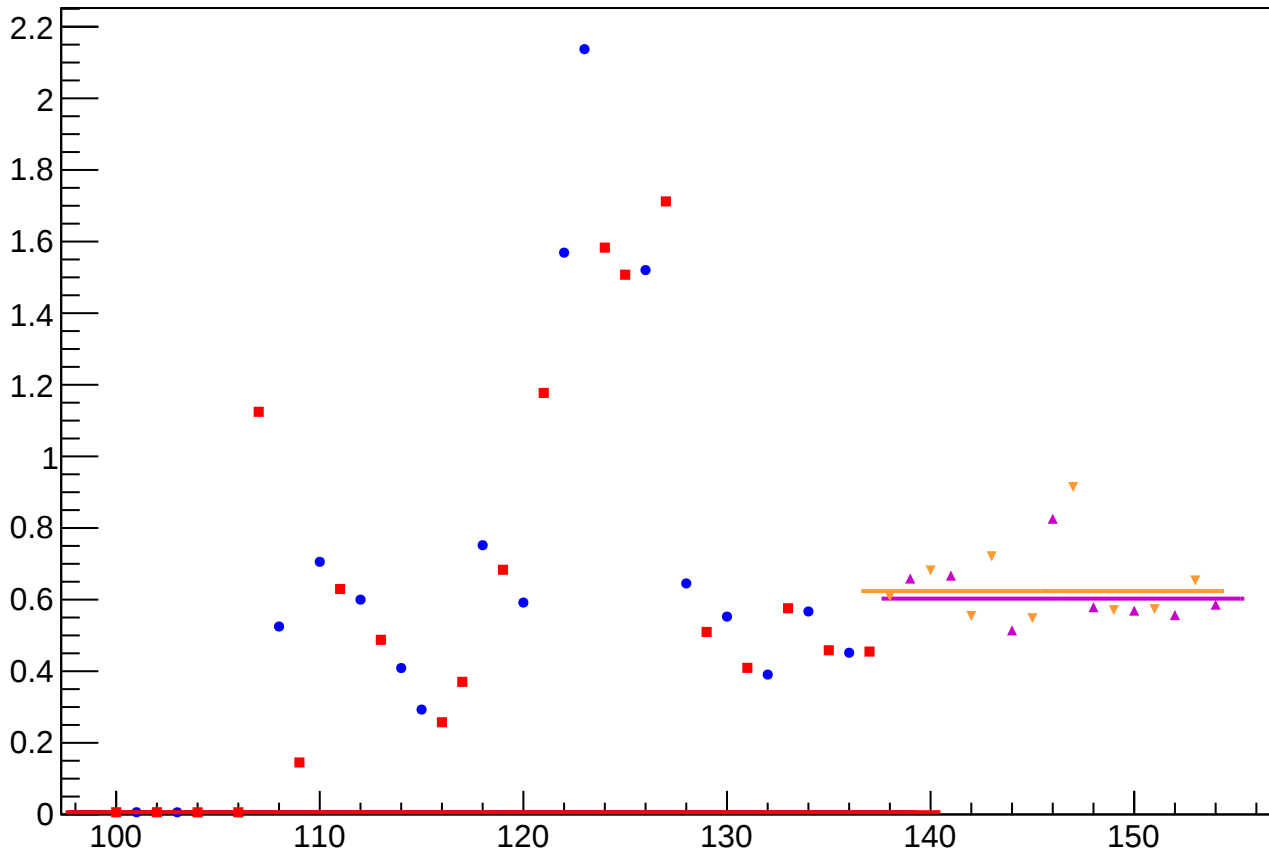
Right Out: 402.797+/-0.000 χ^2/NDF : 3120897866993.6/19

Left In: 145.806+/-0.000 χ^2/NDF : 23720215.4/7

402.867+/-0.000 χ^2/NDF : 1822140795956.4/25

402.709+/-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: 0.624+/-0.000 χ^2/NDF :169783.7/8

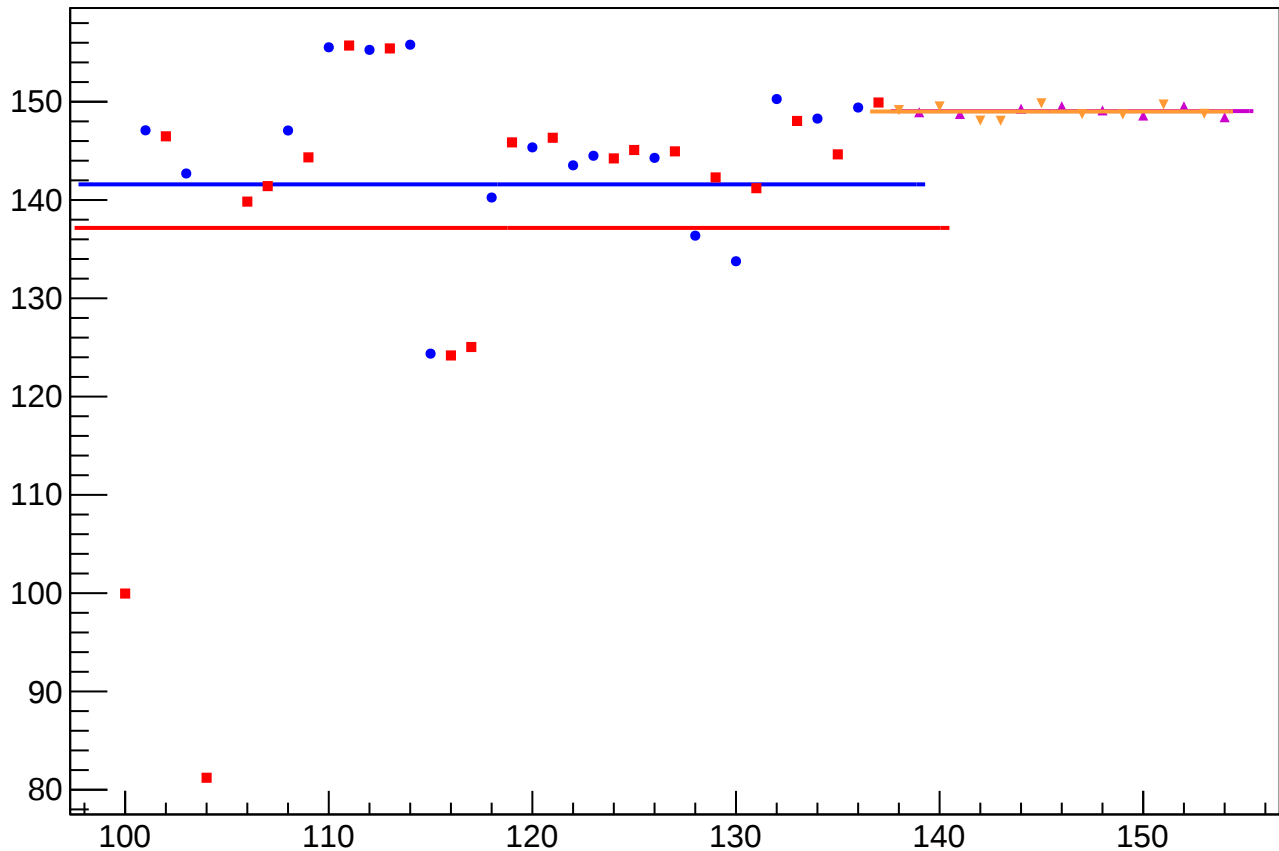
0.007+/-0.000 χ^2/NDF : 17667086.4/25

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: 149.007 $\pm$ 0.000 χ^2 /NDF: 8387574.7/8

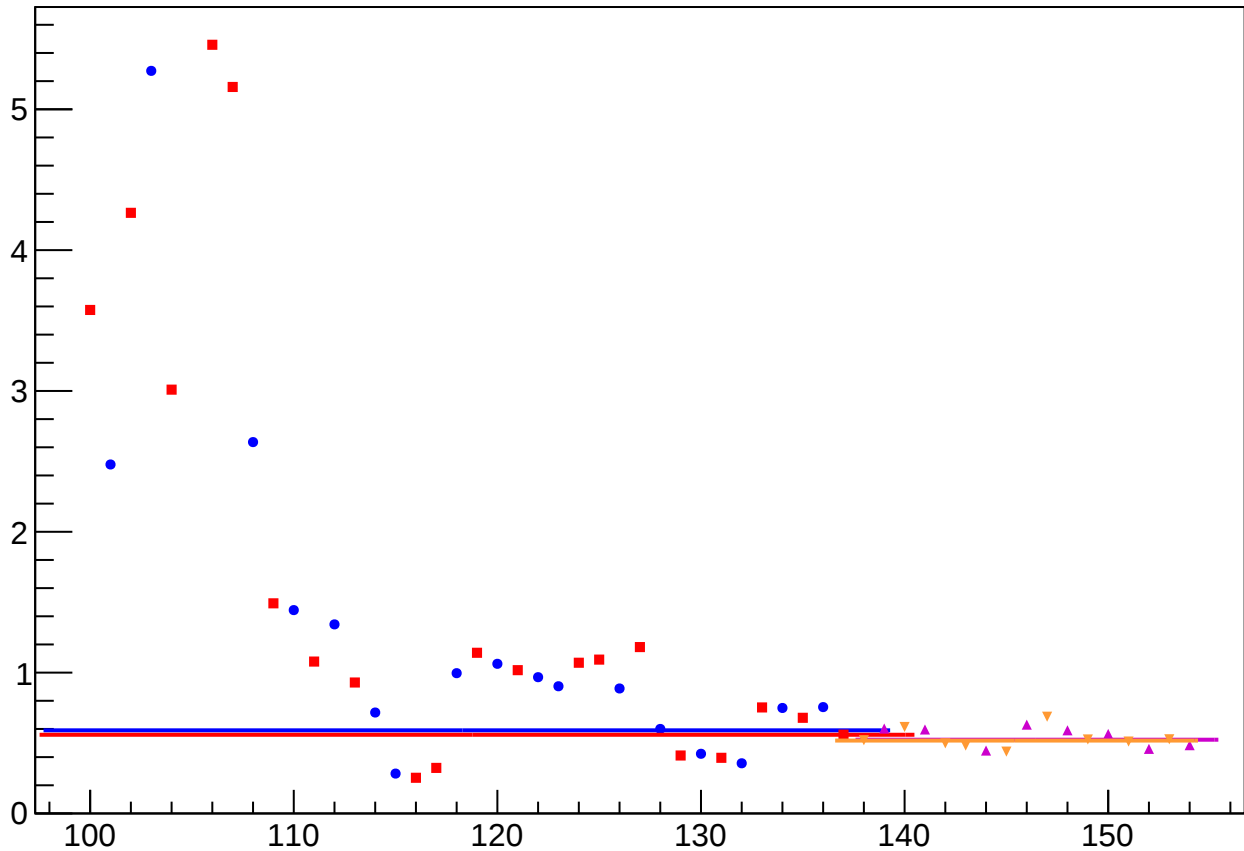
146.527 $\pm$ 0.000 χ^2 /NDF: 1357757953.8/25

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: 0.518 ± 0.000 χ^2/NDF : 163409.1/8

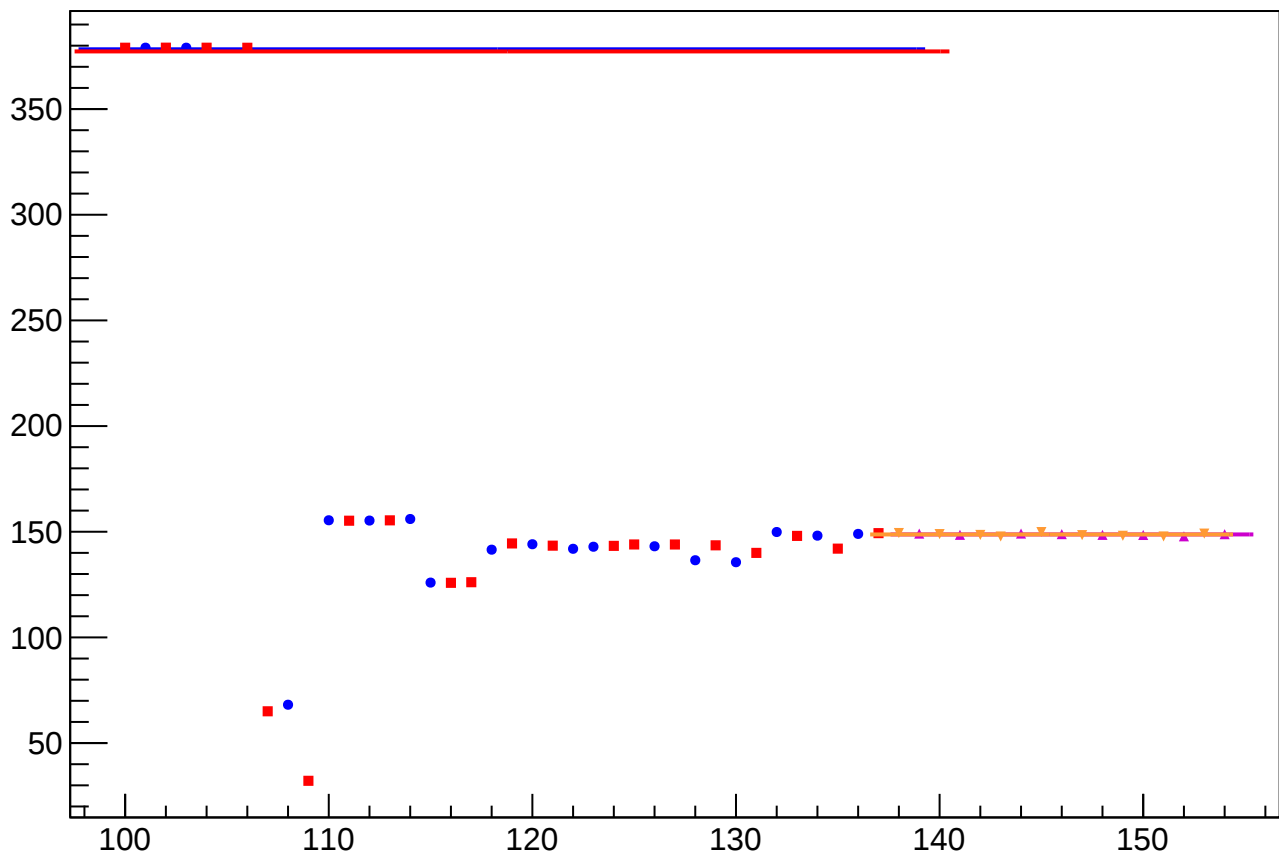
Right Out: 0.559 ± 0.000 χ^2/NDF : 4721291.1/19

Left In: 0.524 ± 0.000 χ^2/NDF : 188212.7/7

0.542 ± 0.000 χ^2/NDF : 3726249.8/25

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: 148.719+/-0.000 χ^2/NDF : 19525047.0/8

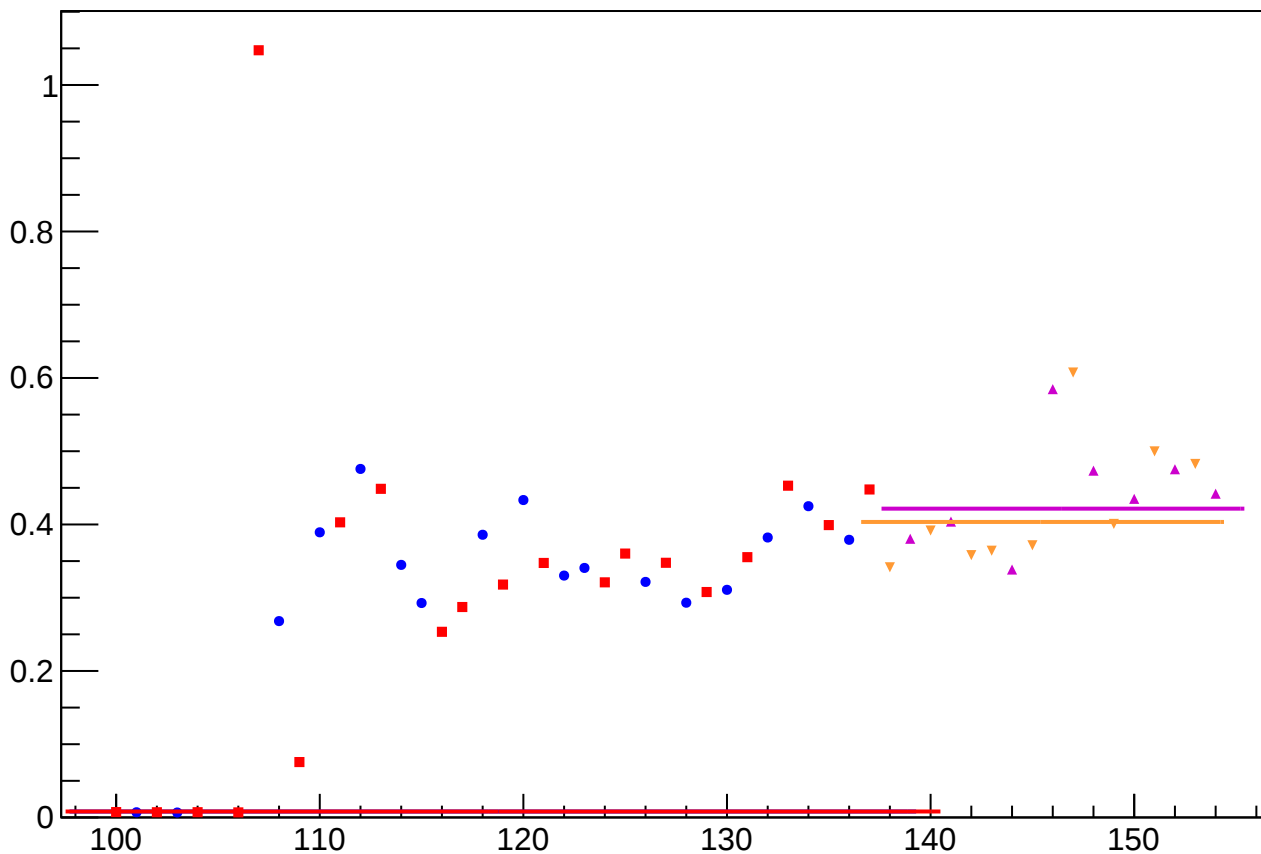
Right Out: 377.280+/-0.000 χ^2/NDF : 8313240281527.9/19

Left In: 148.726+/-0.000 χ^2/NDF : 5474074.9/7

377.634+/-0.000 χ^2/NDF : 4490368633295.4/25

376.753+/-0.000 χ^2/NDF : 10141548973917.3/2

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 9806719.4/16

Left Out: 0.403+/-0.000 χ^2/NDF : 350468.4/8

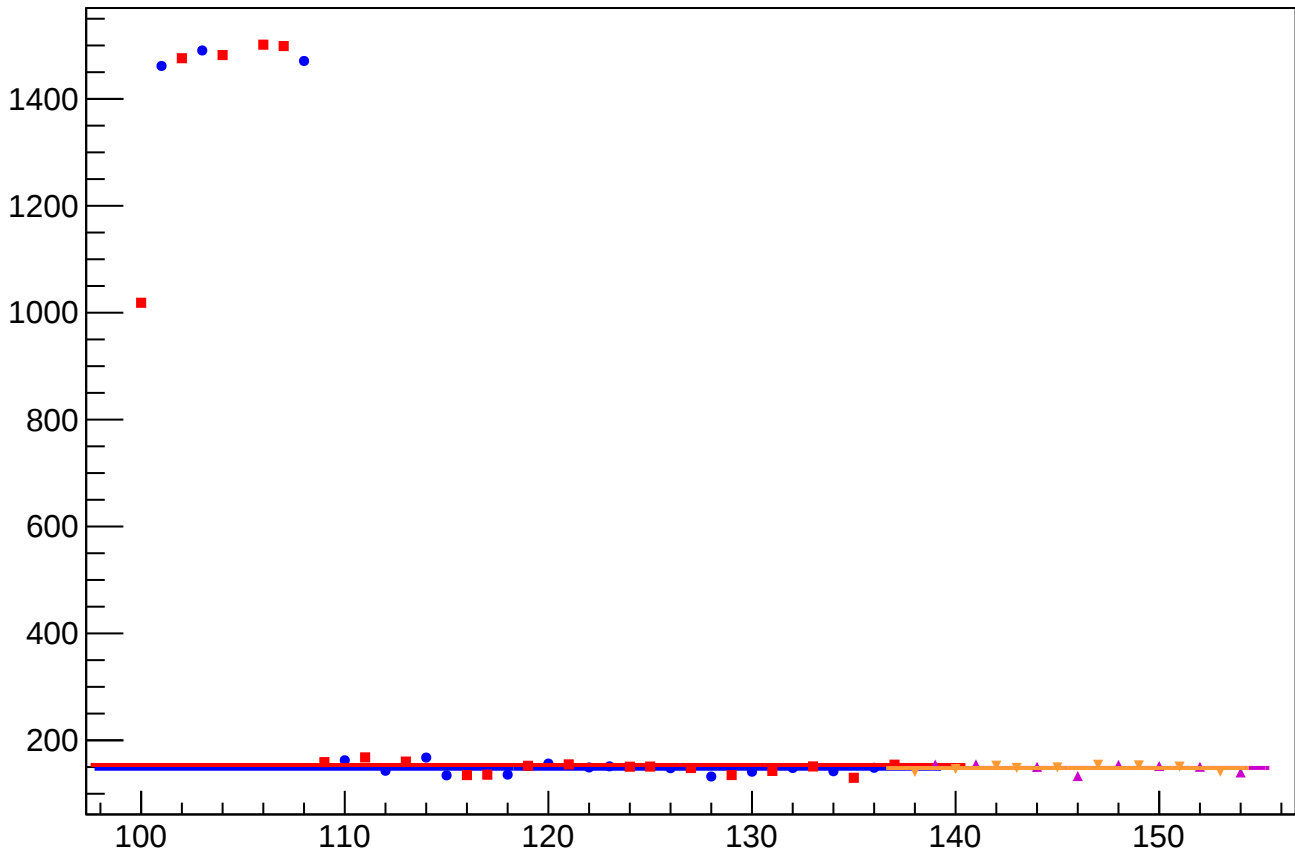
Right Out: 0.008+/-0.000 χ^2/NDF : 9589375.6/19

Left In: 0.422+/-0.000 χ^2/NDF : 288849.7/7

0.009+/-0.000 χ^2/NDF : 21912556.7/25

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: 148.123+/-0.000 χ^2/NDF : 157343802.9/8

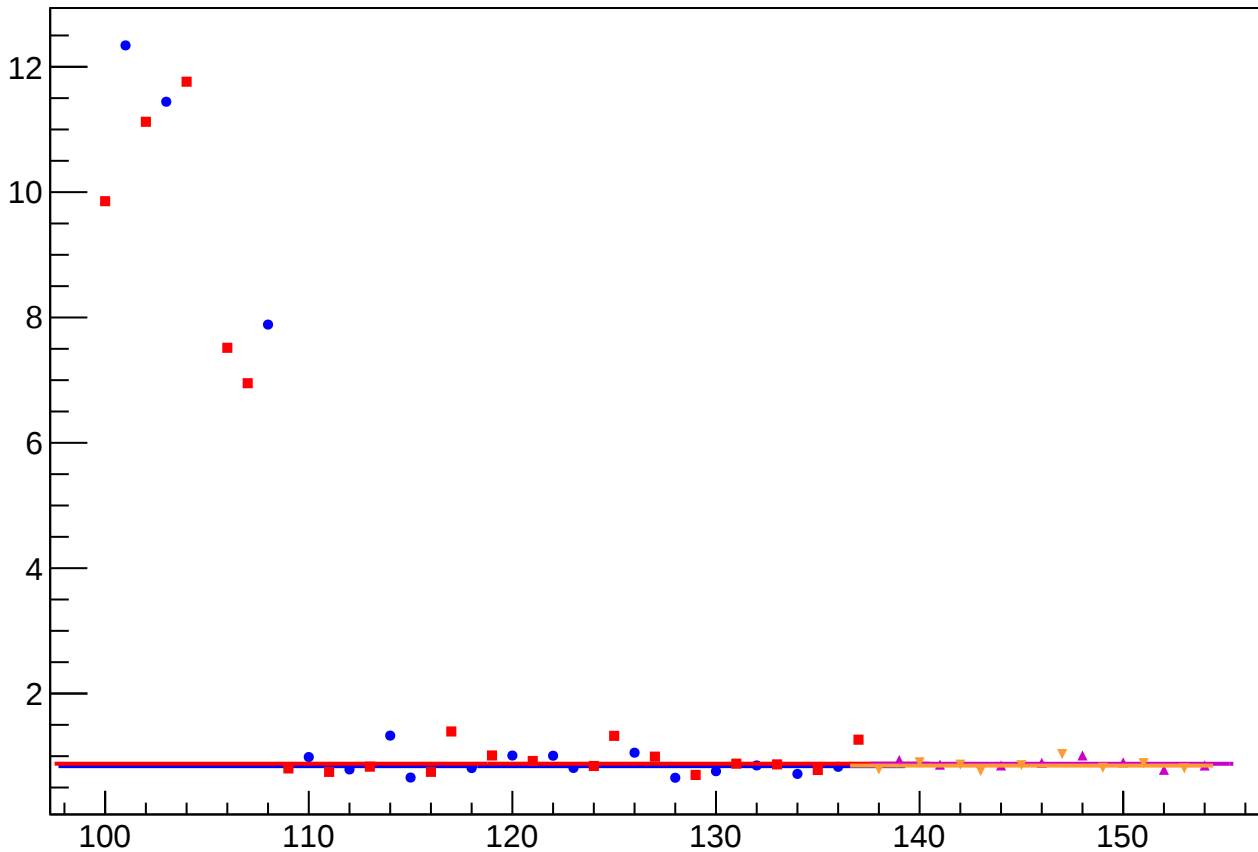
147.557+/-0.000 χ^2/NDF : 24523238398.4/25

Right Out: 153.832+/-0.000 χ^2/NDF : 33744235949.2/19

150.753+/-0.000 χ^2/NDF : 34199514870.3/27

Left In: 148.337+/-0.000 χ^2/NDF : 365481037.1/7

yield_bcm0l02_rms vs Slug



Right In: 0.841+/-0.000 χ^2/NDF : 2662395.1/16

Left Out: 0.850+/-0.000 χ^2/NDF : 74251.7/8

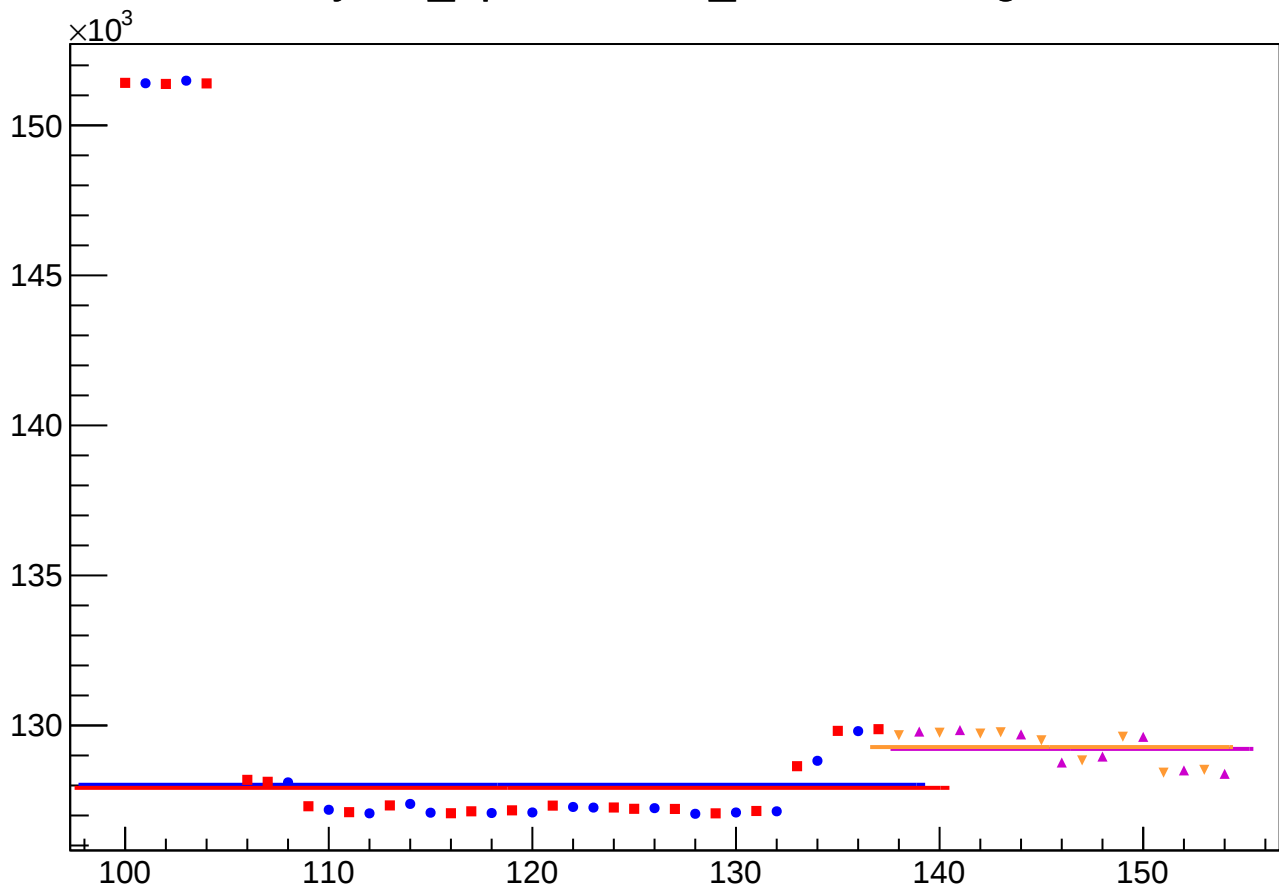
Right Out: 0.880+/-0.000 χ^2/NDF : 2825356.7/19

Left In: 0.879+/-0.000 χ^2/NDF : 54045.9/7

0.846+/-0.000 χ^2/NDF : 2737095.1/25

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: 129280.006 $\pm$ 0.066 χ^2 /NDF: 66734427.7/8

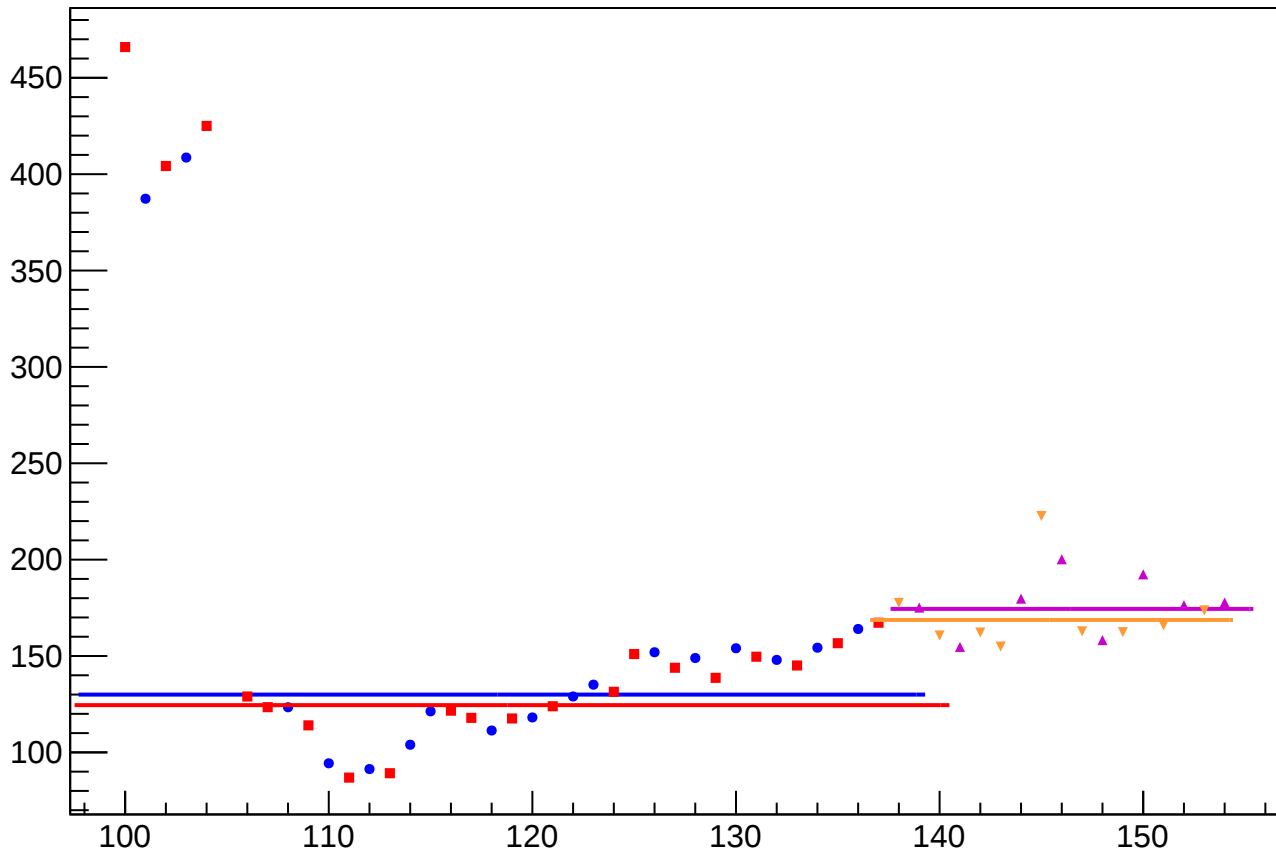
Right Out: 127921.299 $\pm$ 0.050 χ^2 /NDF: 3768965324.4/19

Left In: 129219.130 $\pm$ 0.069 χ^2 /NDF: 69060866.3/7

128529.074 $\pm$ 0.042 χ^2 /NDF: 4596831160.0/25

128372.695 $\pm$ 0.041 χ^2 /NDF: 4070724046.9/27

yield_bpm2i01WS_rms vs Slug



Right In: 129.980+/-0.039 χ^2/NDF : 1485519.5/16

Left Out: 168.709+/-0.047 χ^2/NDF : 115241.7/8

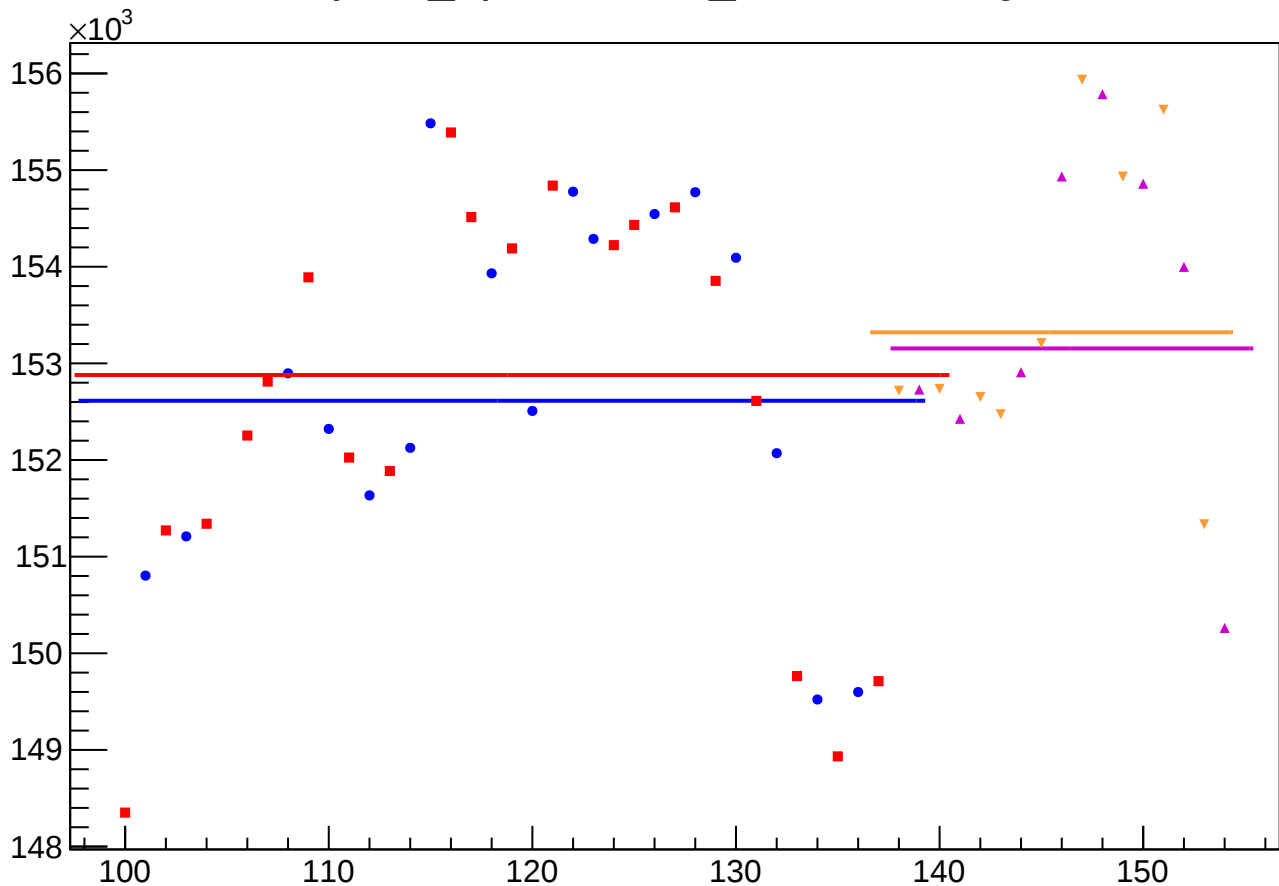
145.562+/-0.030 χ^2/NDF : 2006551.6/25

Right Out: 124.514+/-0.035 χ^2/NDF : 1531546.7/19

141.878+/-0.029 χ^2/NDF : 2307275.3/27

Left In: 174.439+/-0.049 χ^2/NDF : 87047.7/7

yield_bpm0i07WS_mean vs Slug



Right In: 152613.122 $\pm$ 0.072 χ^2 /NDF: 623356098.4/16

Left Out: 153321.520 $\pm$ 0.075 χ^2 /NDF: 360716345.9/8

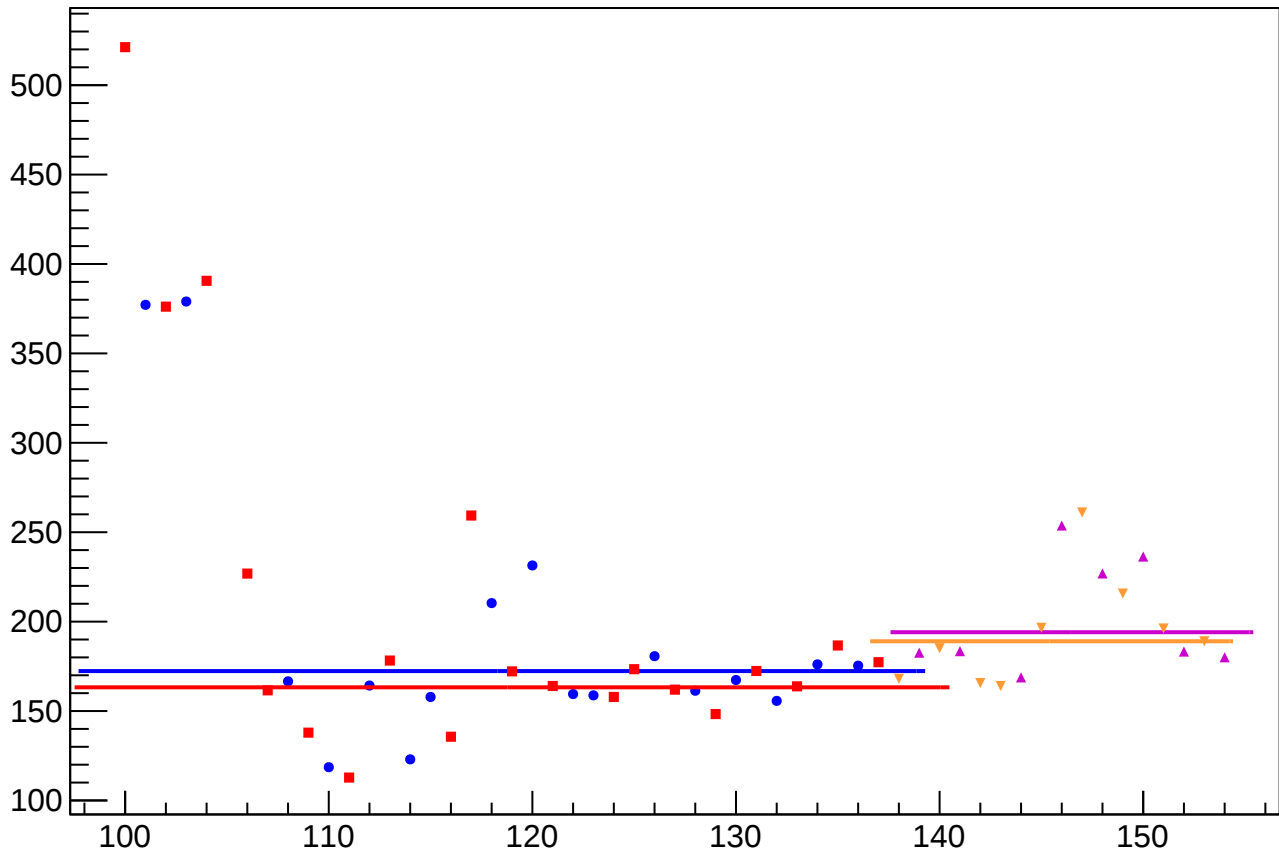
Right Out: 152879.455 $\pm$ 0.066 χ^2 /NDF: 717907168.5/19

Left In: 153154.368 $\pm$ 0.077 χ^2 /NDF: 437176142.1/7

152953.961 $\pm$ 0.052 χ^2 /NDF: 1030305722.8/25

152995.921 $\pm$ 0.050 χ^2 /NDF: 1162408572.5/27

yield_bpm0i07WS_rms vs Slug



Right In: 172.351+/-0.051 χ^2/NDF : 921911.1/16

Left Out: 189.015+/-0.053 χ^2/NDF : 216777.3/8

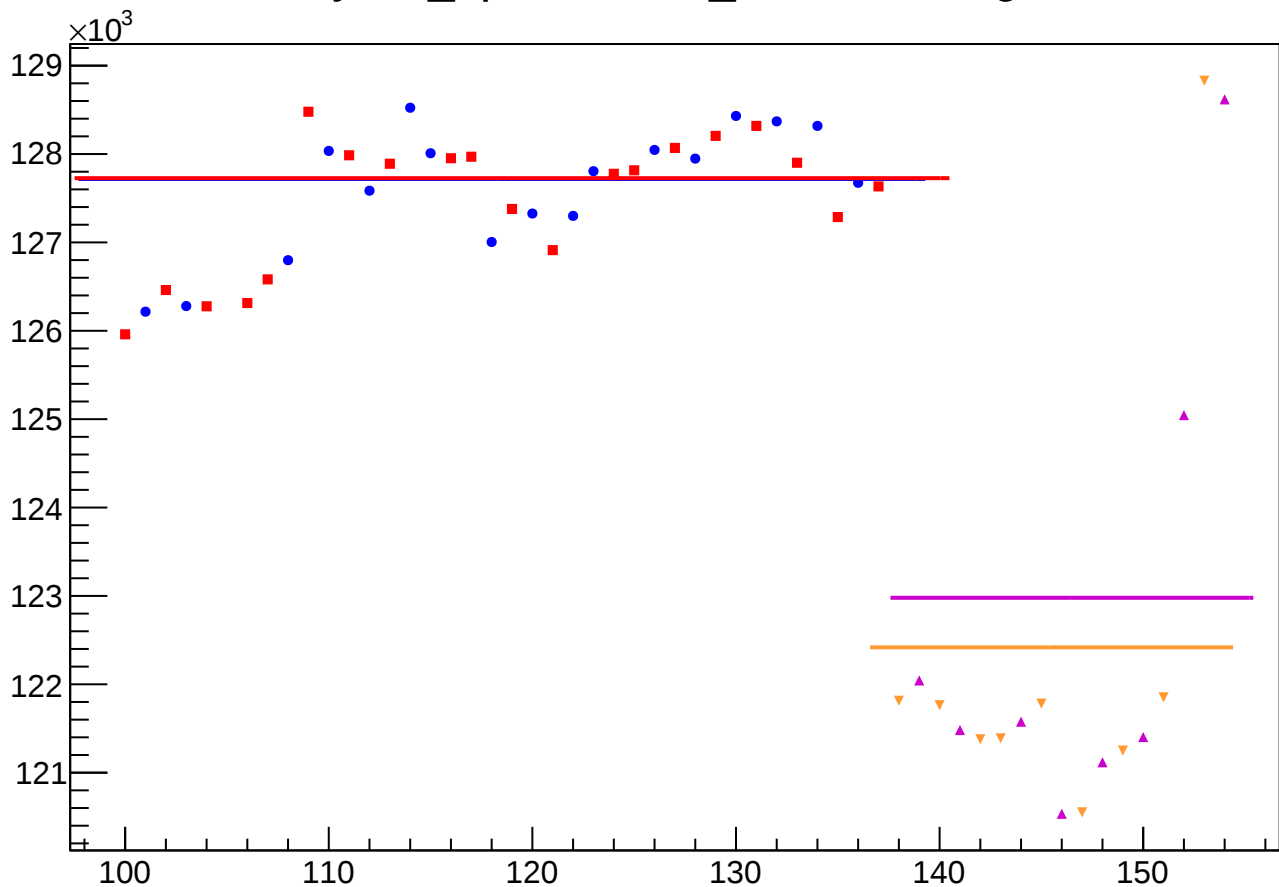
180.369+/-0.037 χ^2/NDF : 1189851.8/25

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: 122418.482 $\pm$ 0.065 χ^2 /NDF: 1365909906.6/8

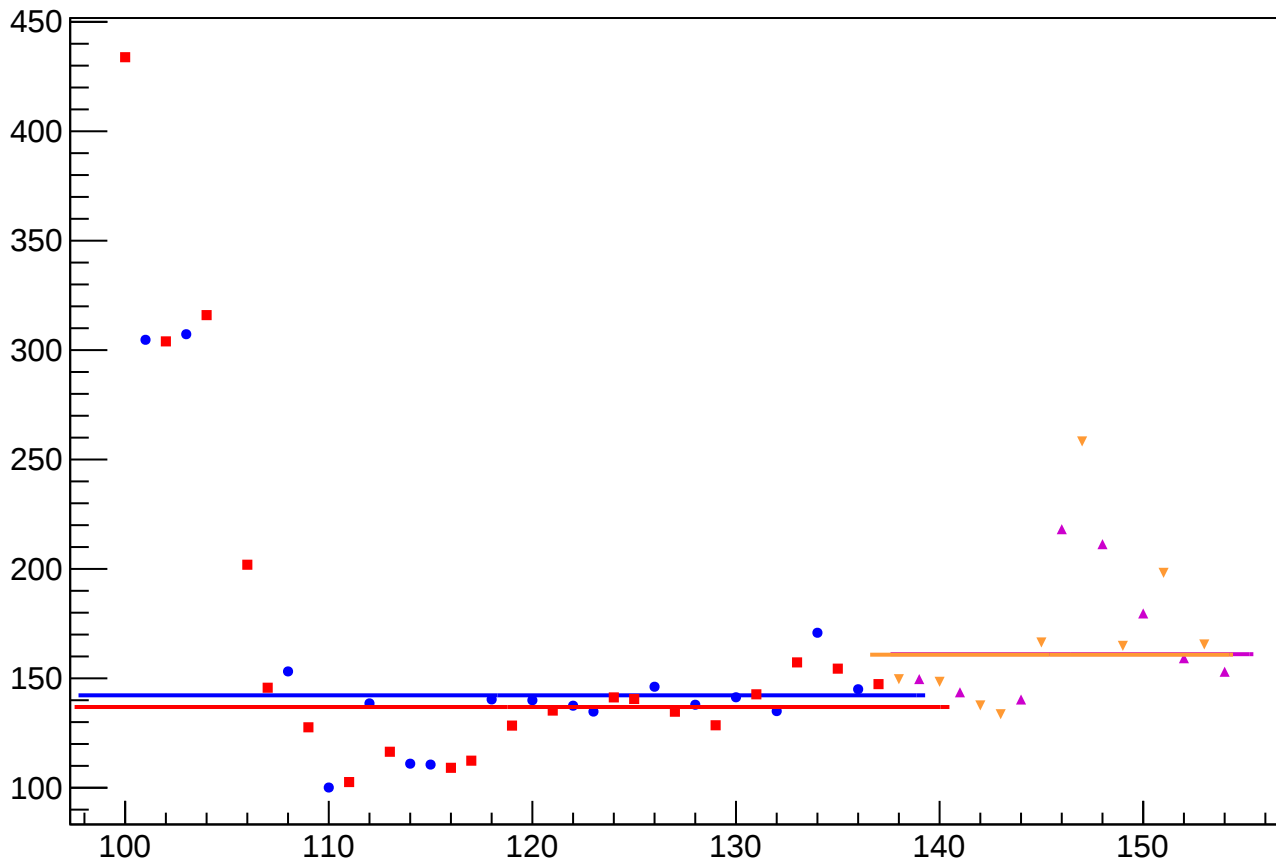
Right Out: 127726.969 $\pm$ 0.054 χ^2 /NDF: 112752557.5/19

Left In: 122978.954 $\pm$ 0.064 χ^2 /NDF: 1672176367.9/7

125345.302 $\pm$ 0.043 χ^2 /NDF: 5162284915.0/25

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: 160.810 ± 0.046 χ^2/NDF : 373493.9/8

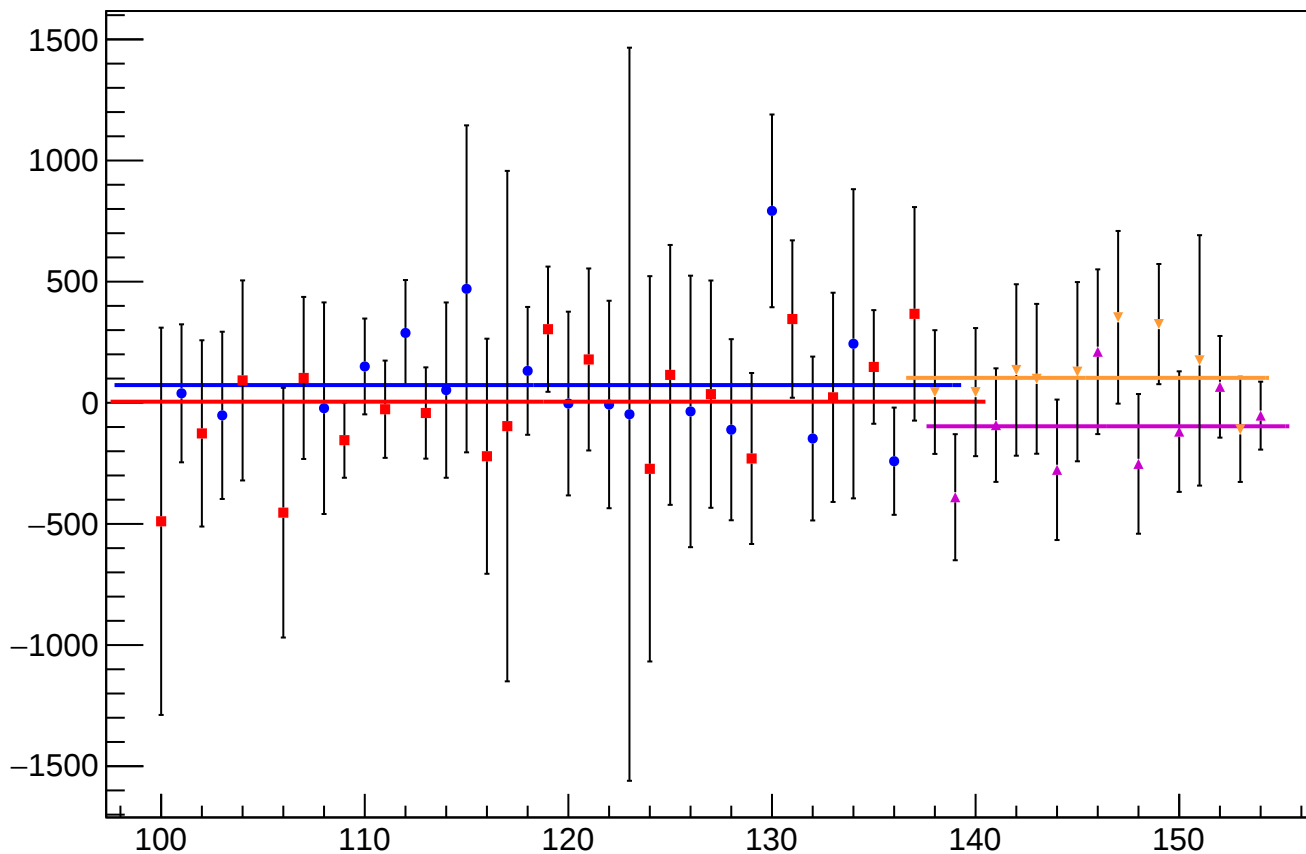
Right Out: 136.904 ± 0.038 χ^2/NDF : 961858.5/19

Left In: 161.041 ± 0.046 χ^2/NDF : 285866.0/7

150.554 ± 0.031 χ^2/NDF : 1300797.8/25

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: 102.919+/-97.835 χ^2/NDF : 2.4/8

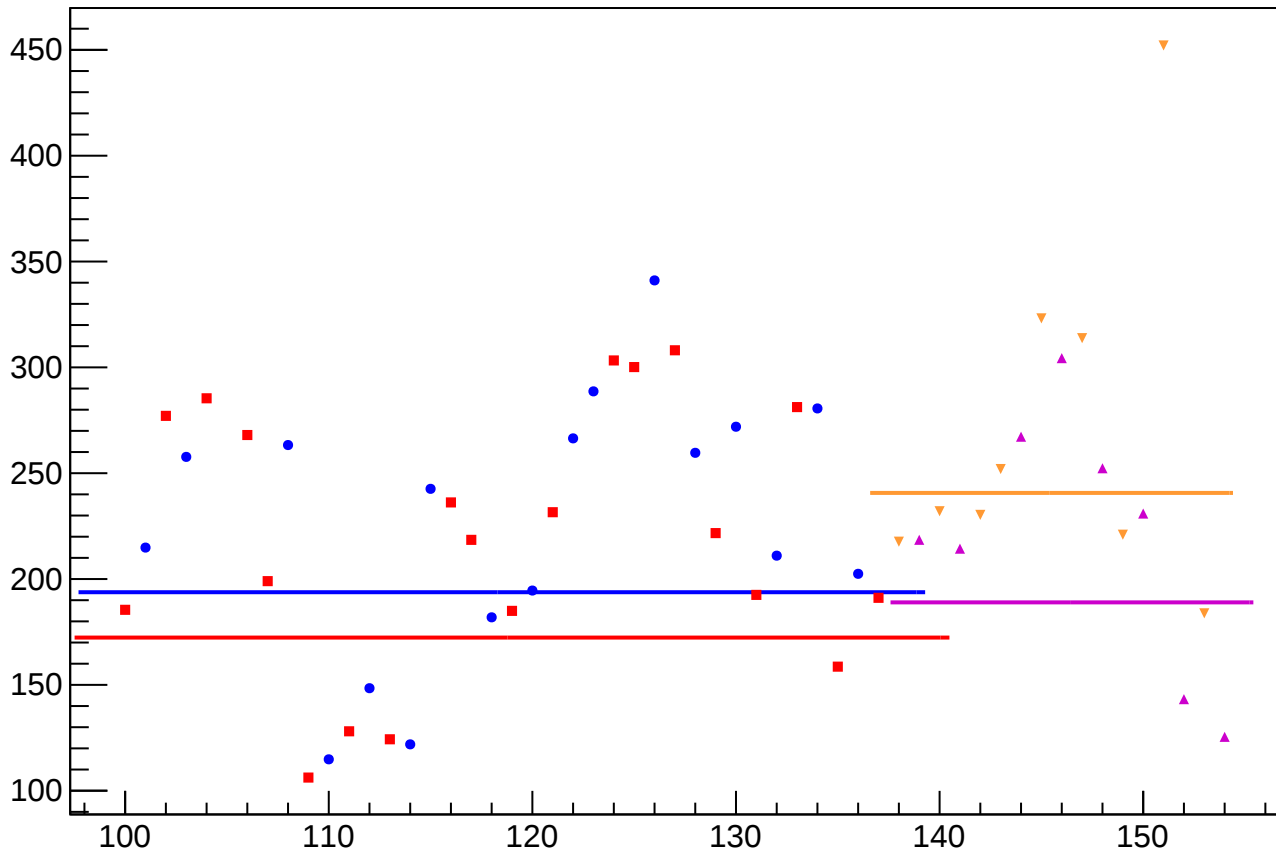
Right Out: 4.574+/-69.944 χ^2/NDF : 7.1/19

Left In: -96.953+/-80.253 χ^2/NDF : 3.5/7

84.983+/-61.747 χ^2/NDF : 10.3/25

-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: 240.689+/-0.069 χ^2/NDF : 690957.5/8

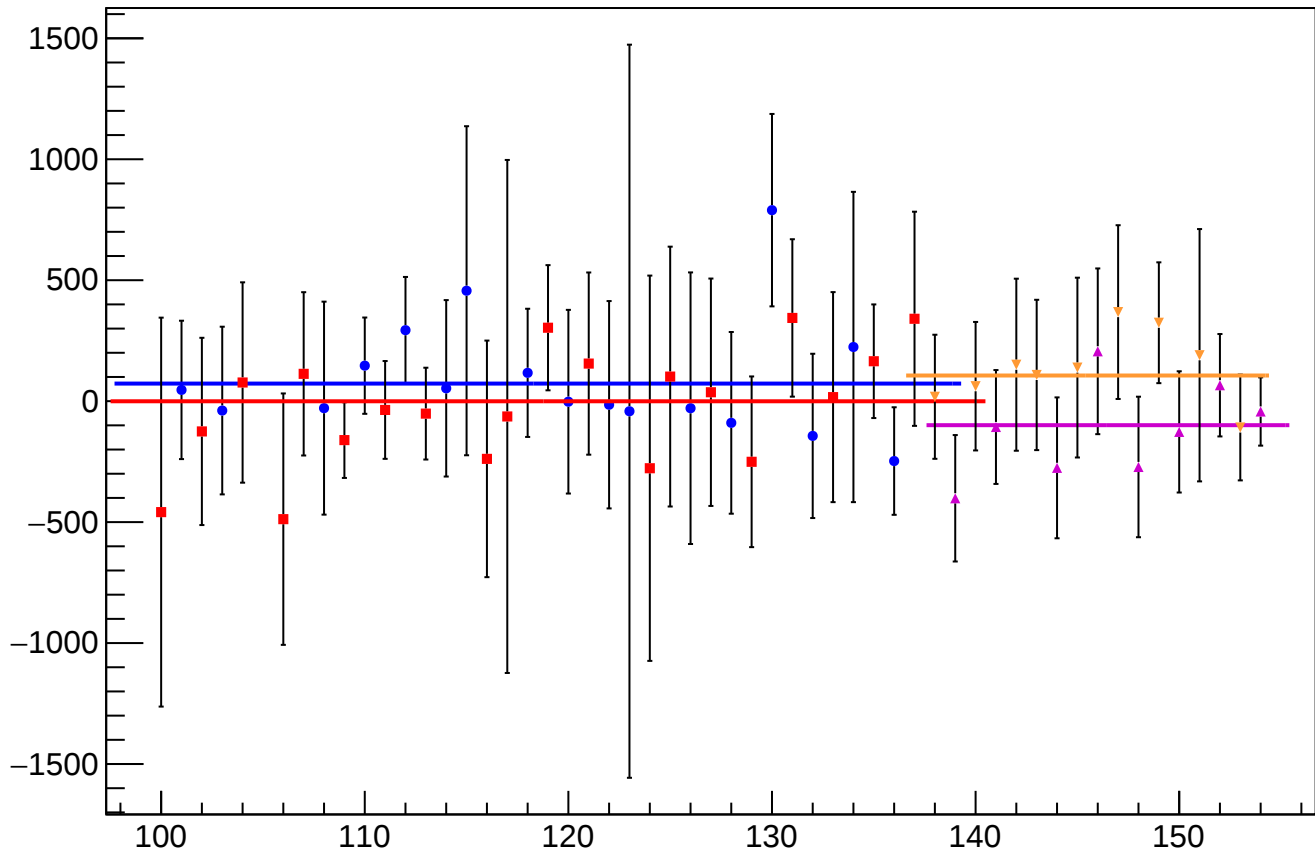
212.461+/-0.044 χ^2/NDF : 1984762.5/25

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: 106.057+/-98.415 χ^2/NDF : 2.5/8

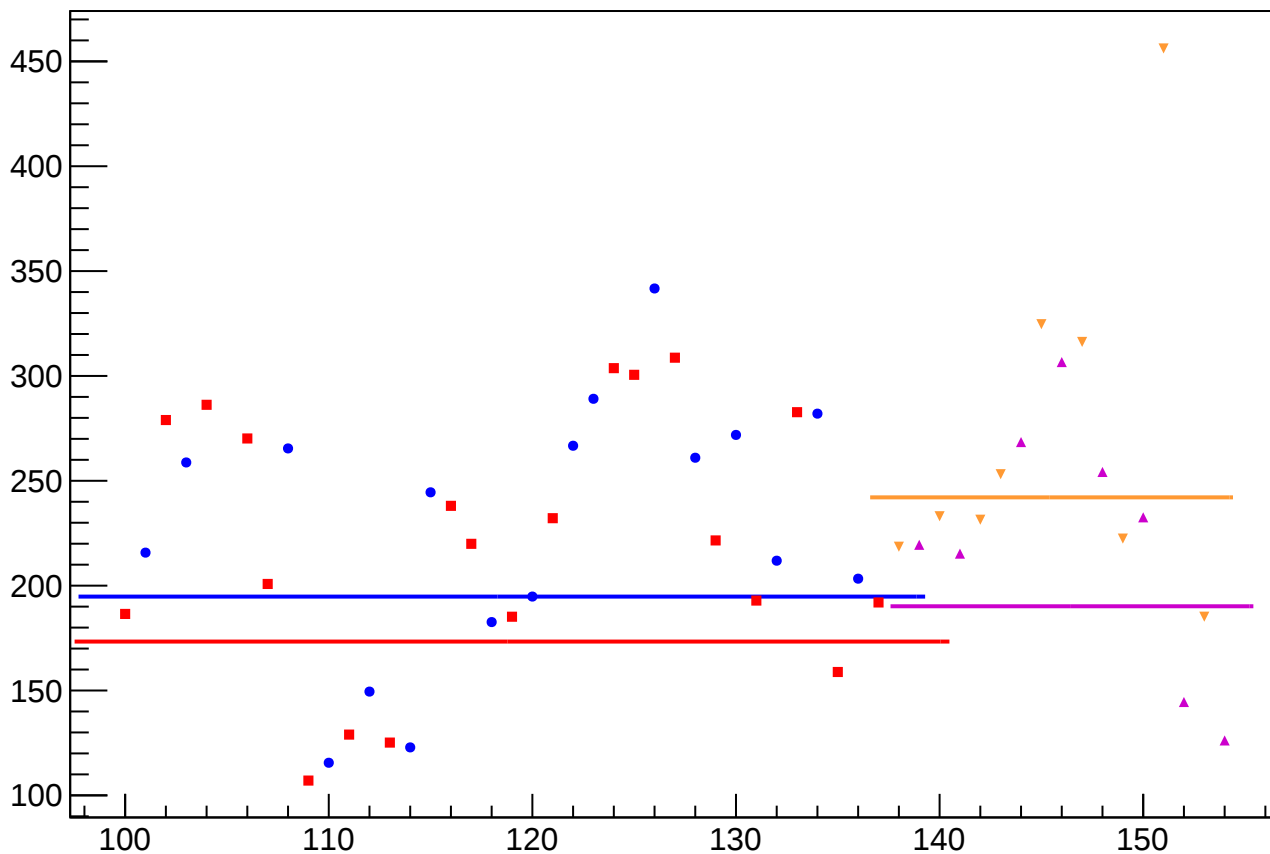
Right Out: -0.459+/-70.312 χ^2/NDF : 7.3/19

Left In: -99.288+/-80.757 χ^2/NDF : 3.6/7

85.955+/-62.074 χ^2/NDF : 10.3/25

-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: 242.099 $\pm$ 0.070 χ^2 /NDF:692014.6/8

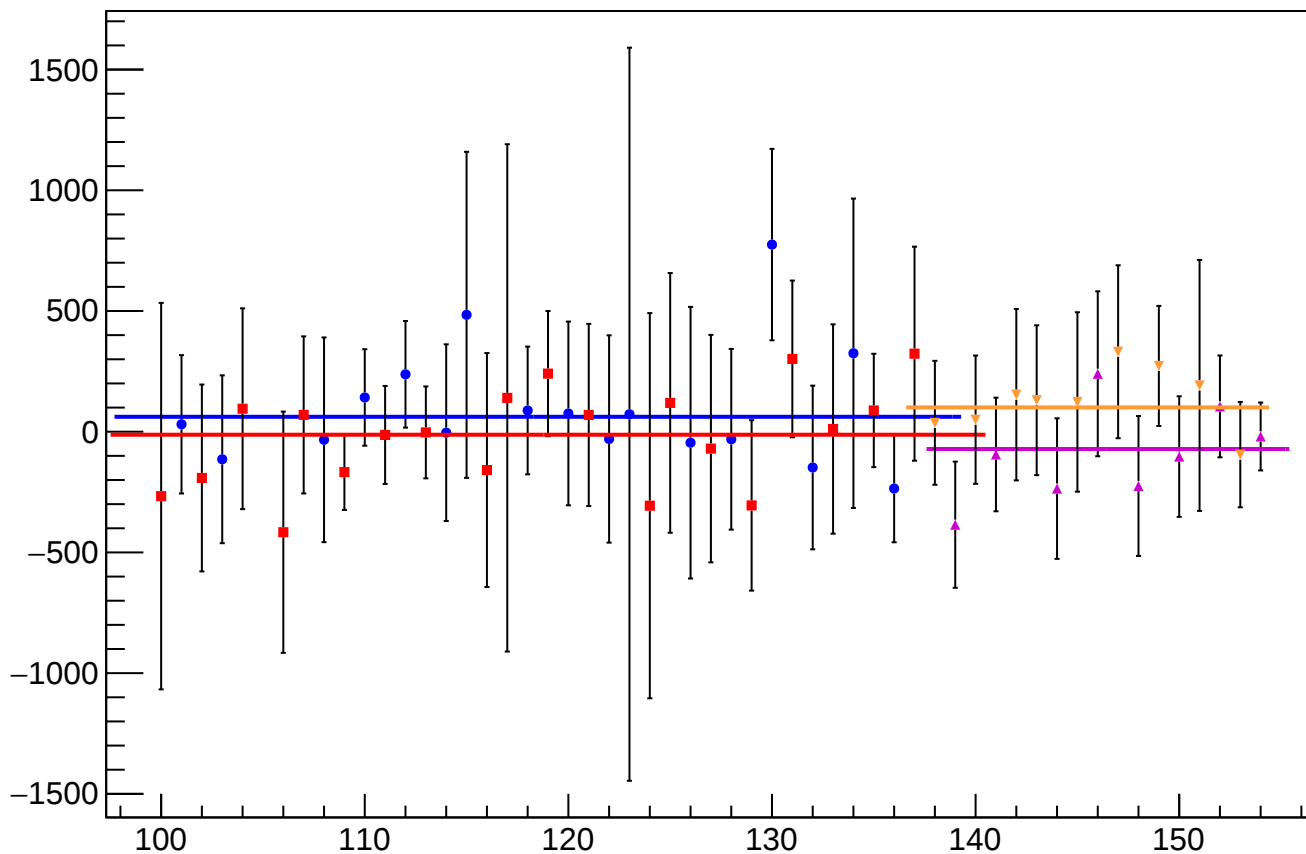
213.606 $\pm$ 0.044 χ^2 /NDF: 1978700.6/25

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: 100.715+/-98.259 χ^2/NDF : 1.9/8

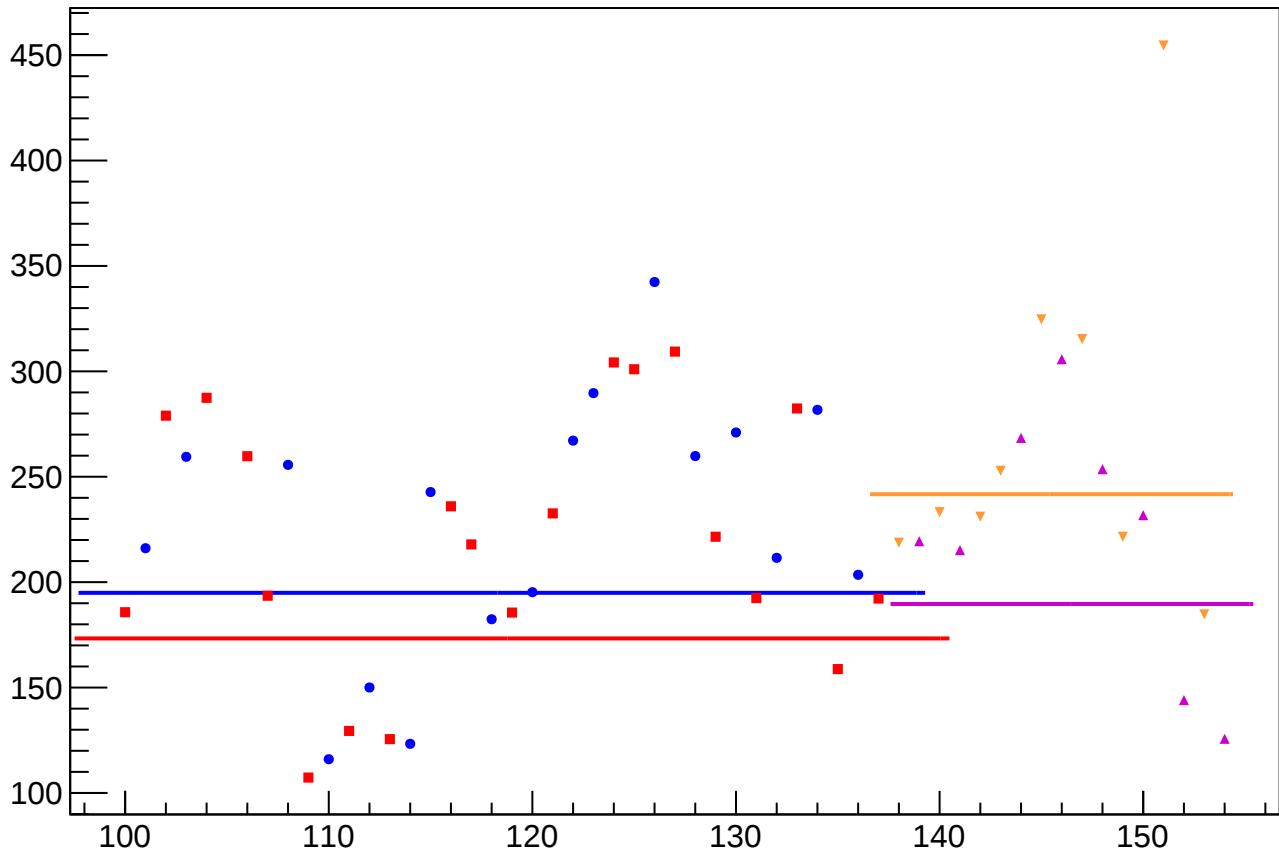
Right Out: -12.417+/-70.233 χ^2/NDF : 5.8/19

Left In: -71.640+/-80.558 χ^2/NDF : 3.7/7

77.318+/-62.032 χ^2/NDF : 9.2/25

-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: 241.723 $\pm$ 0.069 χ^2 /NDF:691808.6/8

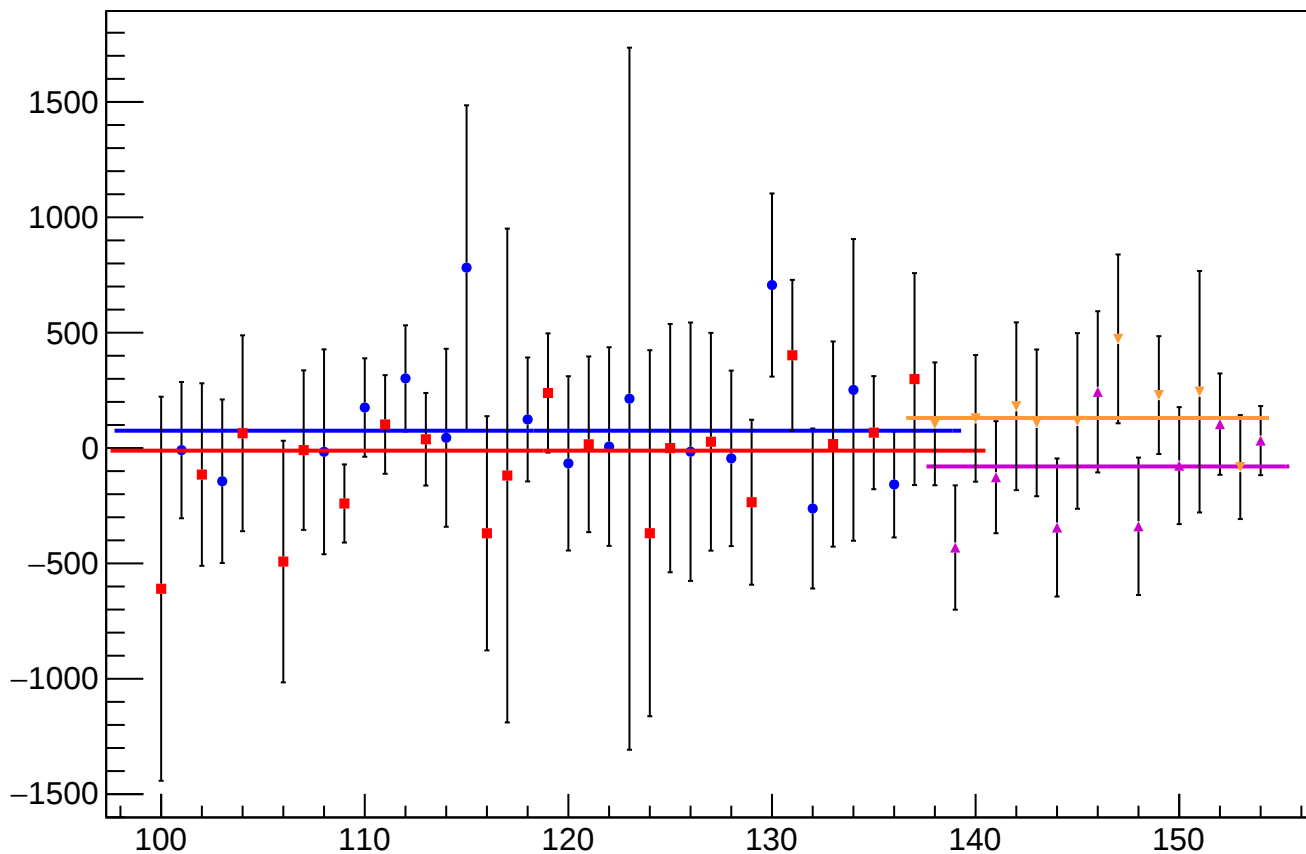
Right Out: 173.309 $\pm$ 0.050 χ^2 /NDF: 1548342.3/19

Left In: 189.648 $\pm$ 0.057 χ^2 /NDF:1088746.7/7

213.585 $\pm$ 0.044 χ^2 /NDF: 1951137.4/25

180.365 $\pm$ 0.037 χ^2 /NDF: 2683832.6/27

asym_bcm_dg_us_mean vs Slug



Right In: 75.207 ± 82.504 χ^2/NDF : 7.6/16

Left Out: 130.413 ± 101.062 χ^2/NDF : 2.0/8

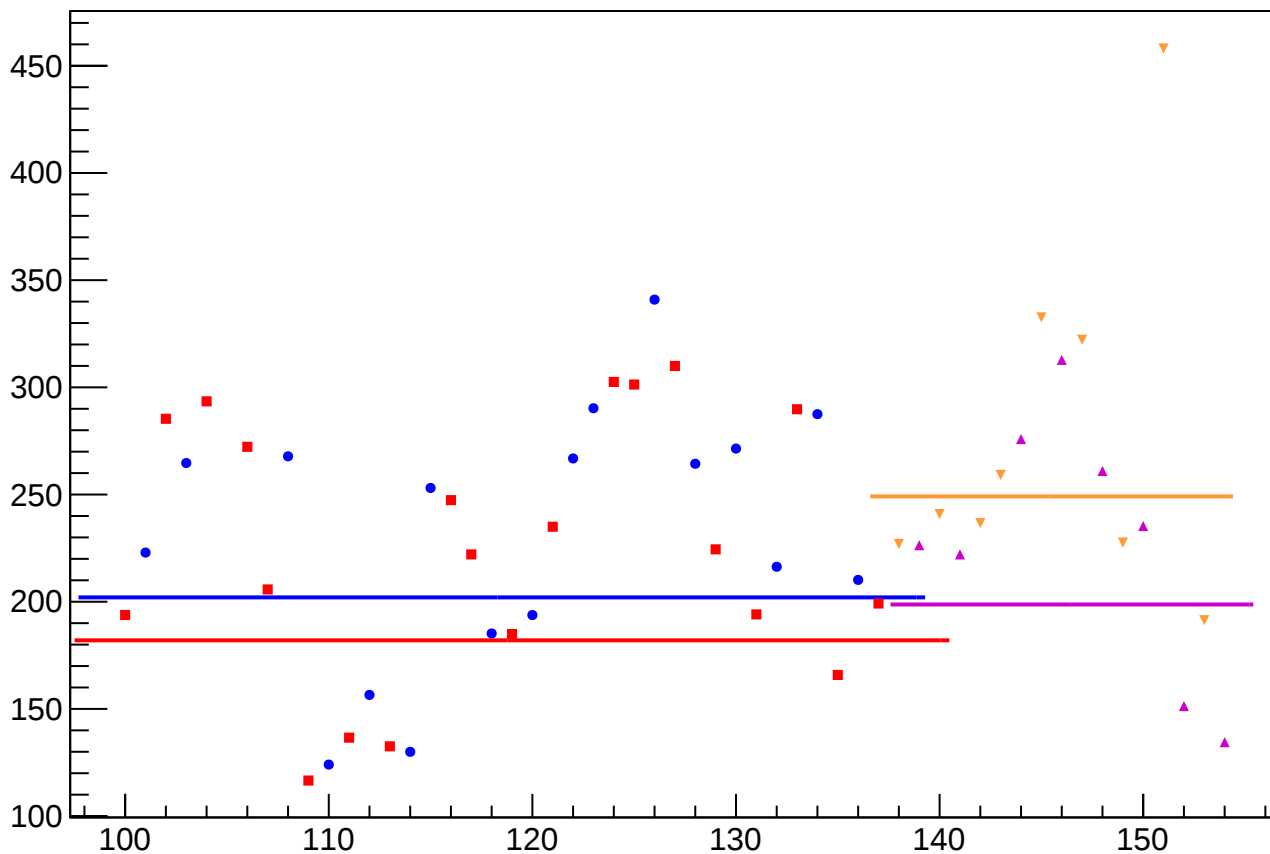
Right Out: -11.180 ± 73.166 χ^2/NDF : 7.8/19

Left In: -79.801 ± 83.831 χ^2/NDF : 5.4/7

97.285 ± 63.912 χ^2/NDF : 9.8/25

-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: 249.125 $\pm$ 0.071 χ^2 /NDF:660499.2/8

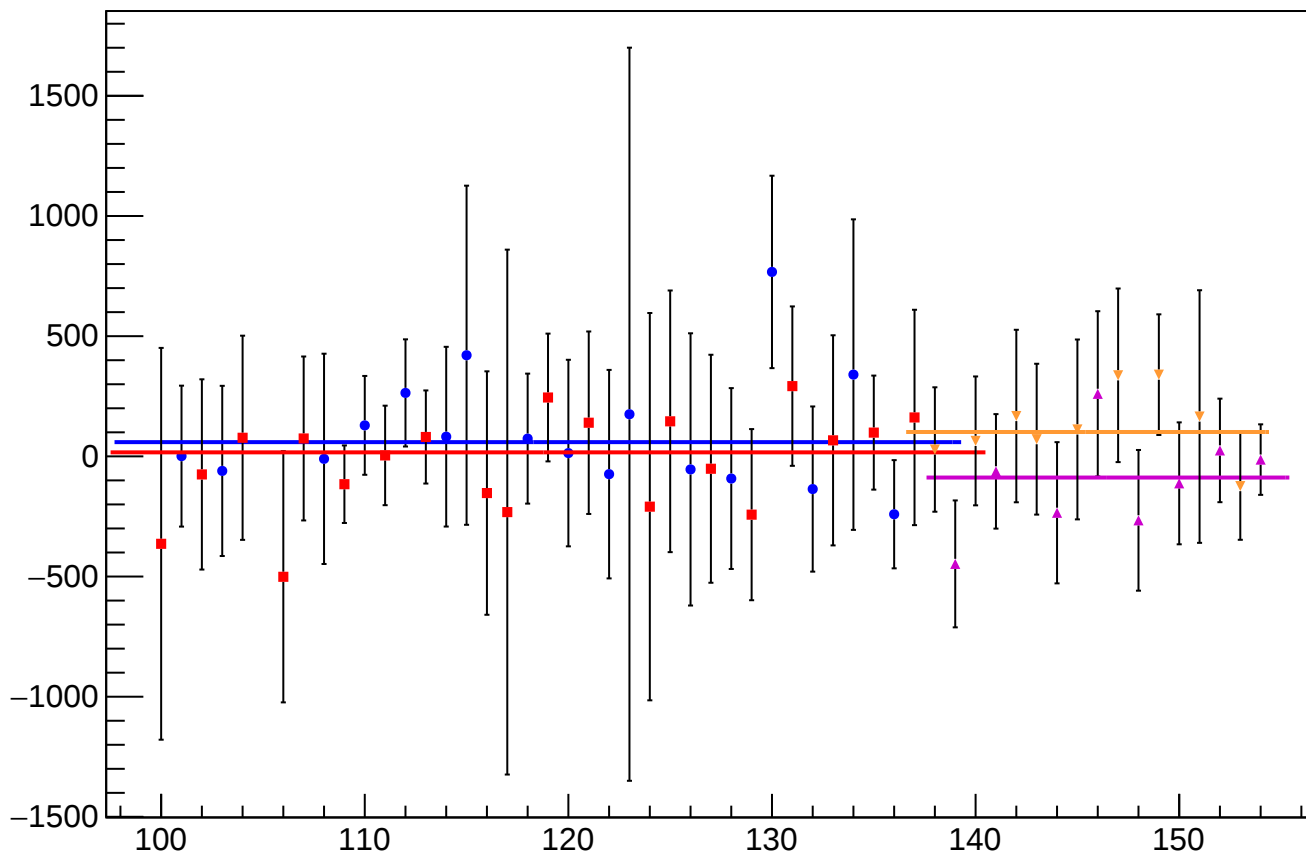
Right Out: 182.000 $\pm$ 0.052 χ^2 /NDF: 1380354.3/19

Left In: 198.711 $\pm$ 0.059 χ^2 /NDF:976334.5/7

220.864 $\pm$ 0.045 χ^2 /NDF: 1802730.7/25

189.225 $\pm$ 0.039 χ^2 /NDF: 2401804.4/27

asym_bcm_dg_ds_mean vs Slug



Right In: 59.175 ± 81.417 χ^2/NDF : 7.1/16

Left Out: 101.368 ± 99.451 χ^2/NDF : 2.5/8

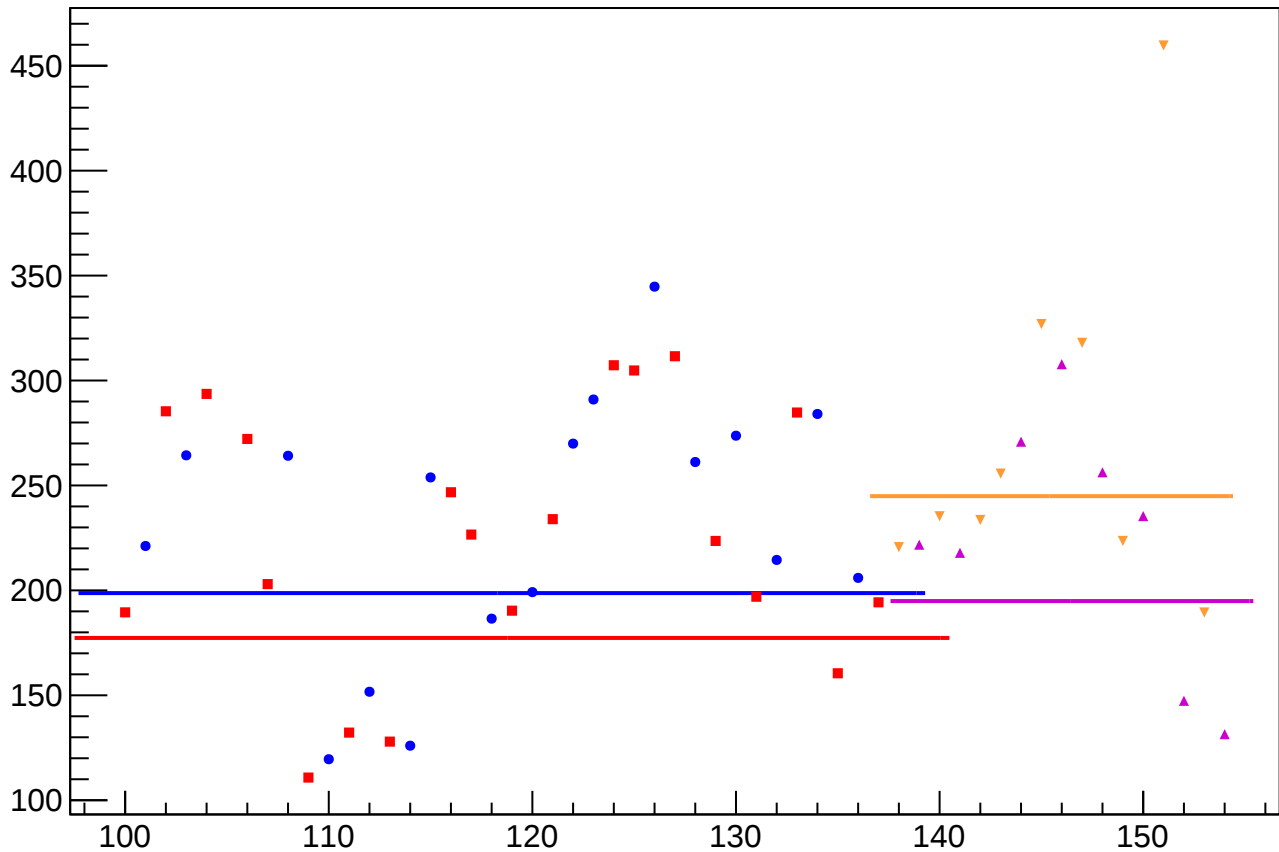
Right Out: 16.650 ± 71.745 χ^2/NDF : 4.7/19

Left In: -88.155 ± 82.410 χ^2/NDF : 4.1/7

76.106 ± 62.998 χ^2/NDF : 9.8/25

-28.536 ± 54.112 χ^2/NDF : 9.7/27

asym_bcm_dg_ds_rms vs Slug



Right In: 198.704 ± 0.058 χ^2/NDF : 963394.4/16

Left Out: 244.897 ± 0.070 χ^2/NDF : 674180.6/8

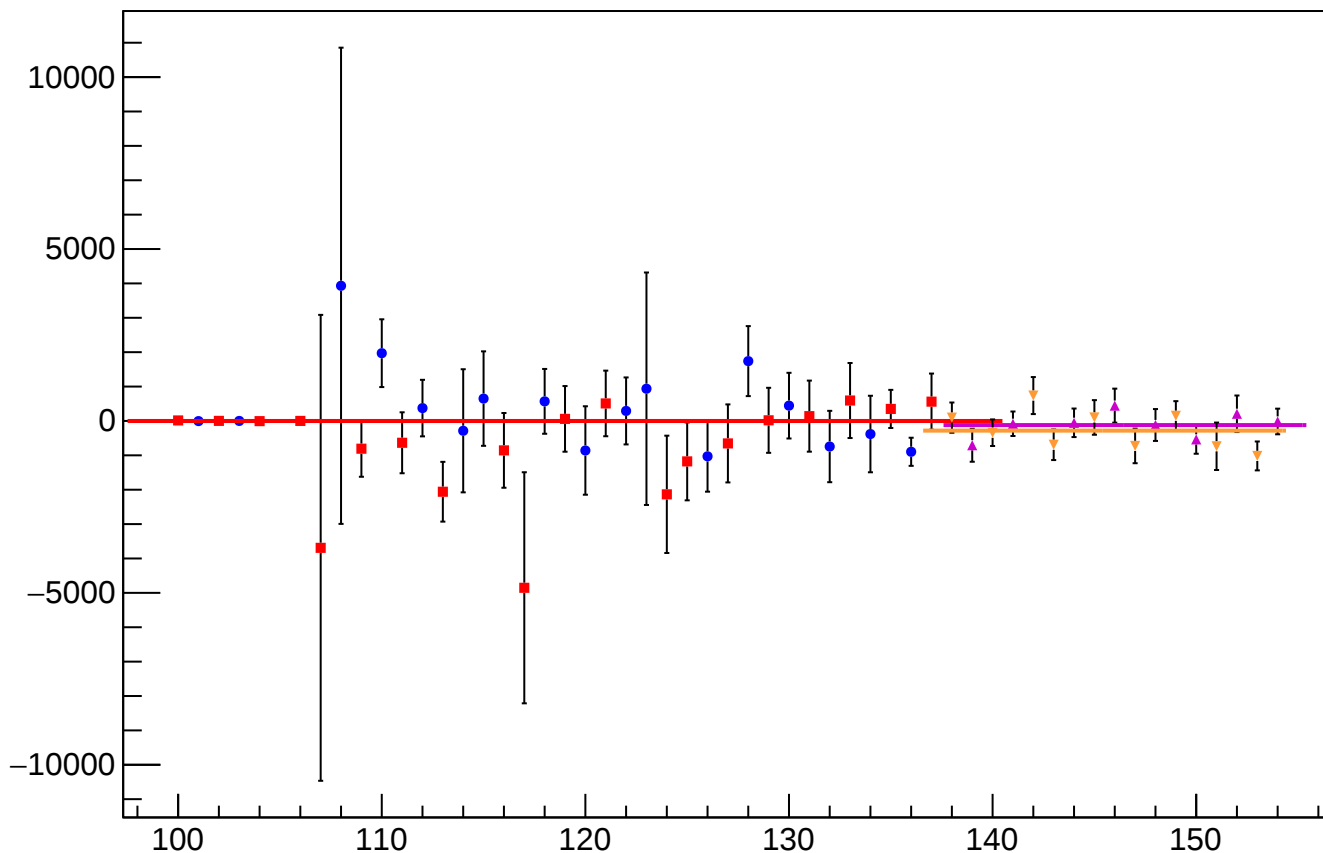
Right Out: 177.338 ± 0.051 χ^2/NDF : 1528976.8/19

Left In: 194.911 ± 0.058 χ^2/NDF : 998592.8/7

217.240 ± 0.045 χ^2/NDF : 1895921.7/25

184.915 ± 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: -281.235 ± 155.162 χ^2/NDF : 11.1/8

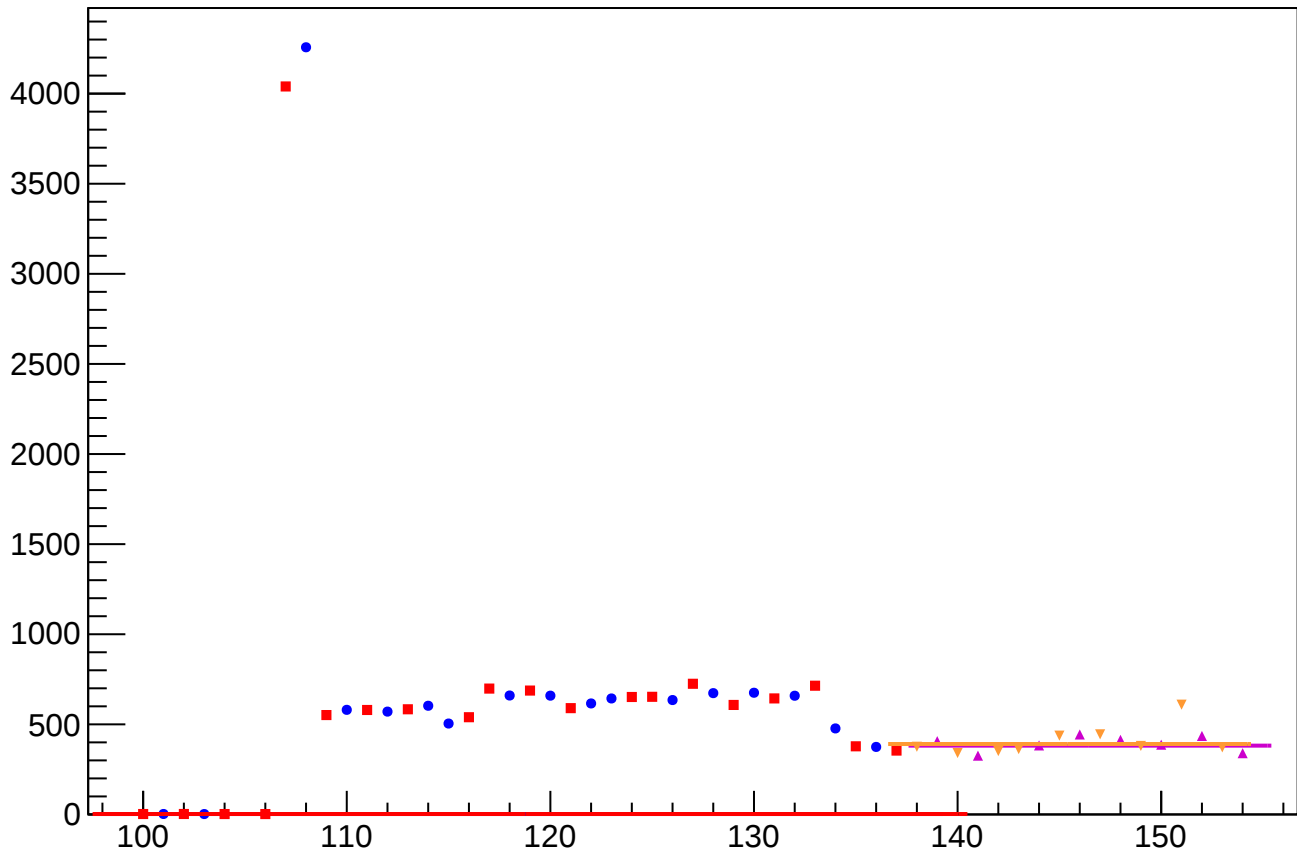
Right Out: -0.733 ± 2.111 χ^2/NDF : 20.5/19

Left In: -120.394 ± 152.048 χ^2/NDF : 4.3/7

-1.588 ± 2.251 χ^2/NDF : 31.0/25

-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: 390.893+/-0.110 χ^2/NDF :299876.5/8

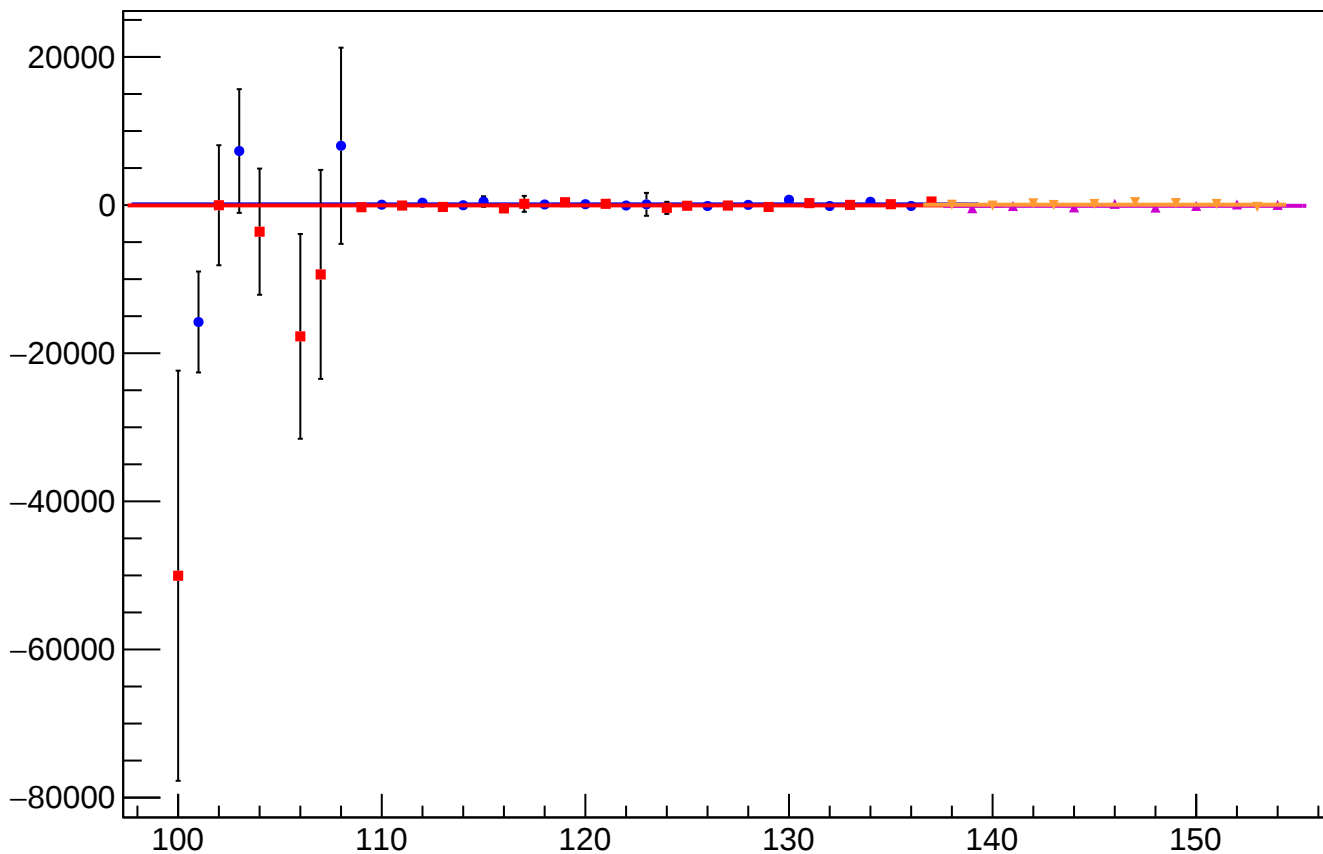
Right Out: 2.437+/-0.001 χ^2/NDF : 11225999.1/19

Left In: 381.876+/-0.108 χ^2/NDF :141293.5/7

2.538+/-0.002 χ^2/NDF : 23537906.8/25

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: 54.603+/-105.337 χ^2/NDF : 3.5/8

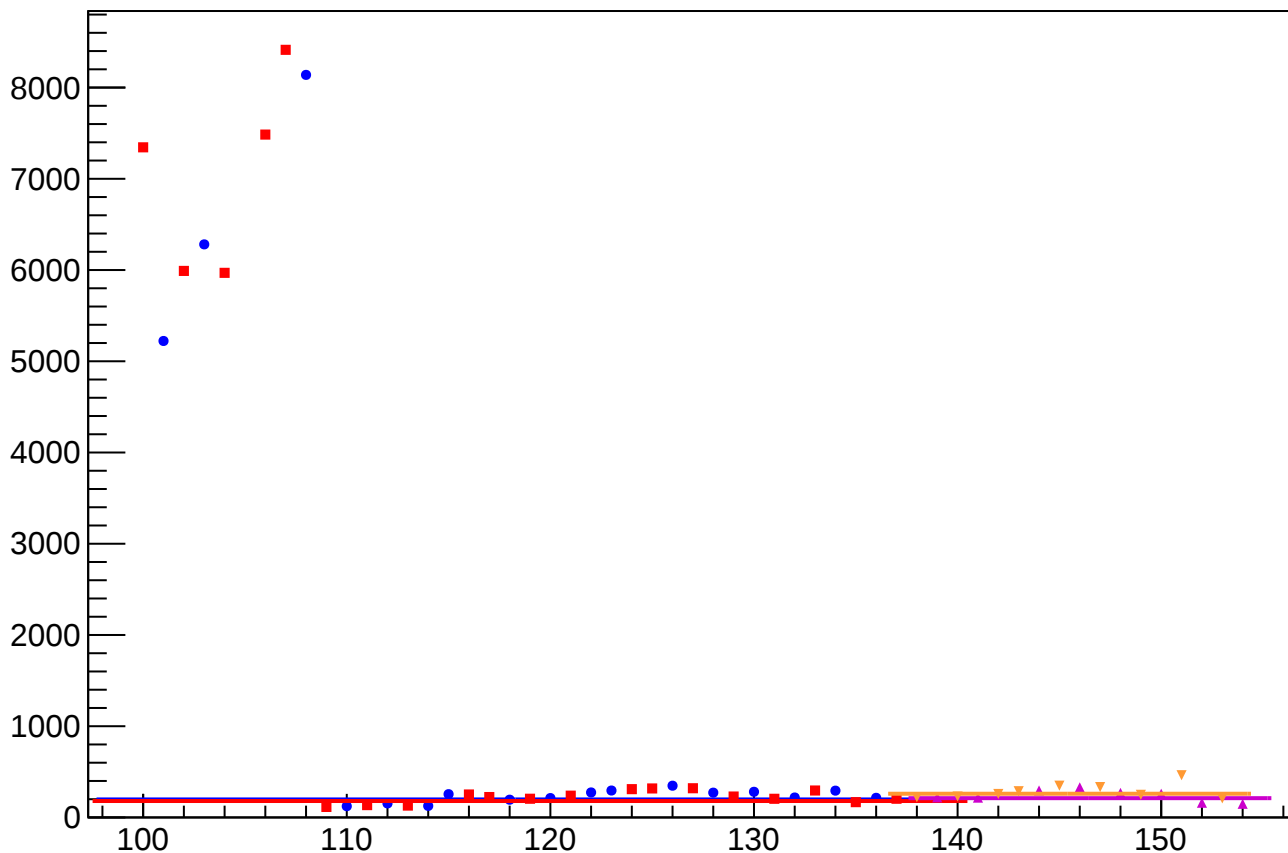
Right Out: -41.335+/-84.288 χ^2/NDF : 14.0/19

Left In: -98.122+/-88.560 χ^2/NDF : 4.3/7

77.783+/-69.167 χ^2/NDF : 15.6/25

-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: 259.973+/-0.074 χ^2/NDF : 642721.3/8

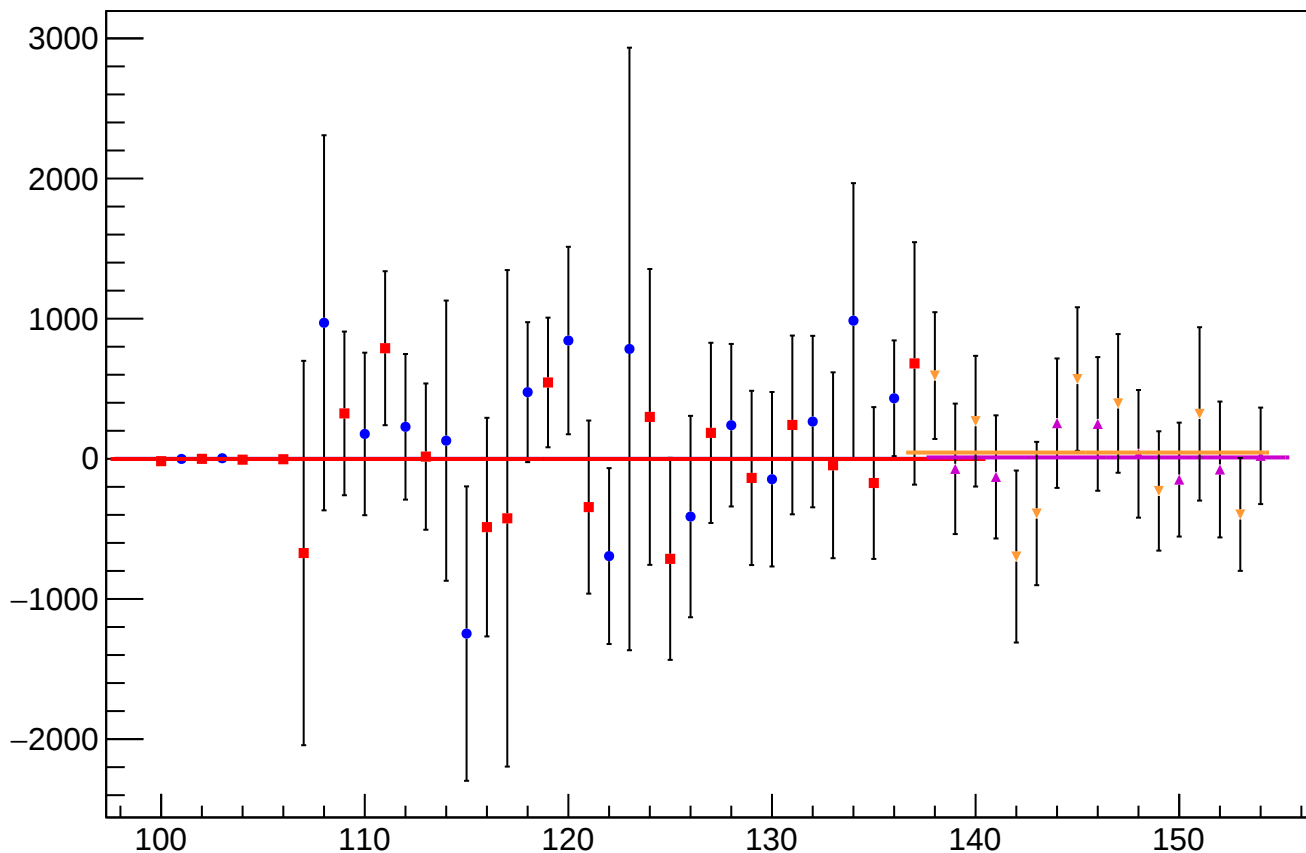
Right Out: 180.250+/-0.060 χ^2/NDF : 4324682.8/19

Left In: 211.371+/-0.063 χ^2/NDF : 848970.2/7

224.392+/-0.049 χ^2/NDF : 4739742.4/25

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: 44.650 ± 161.878 χ^2/NDF : 7.3/8

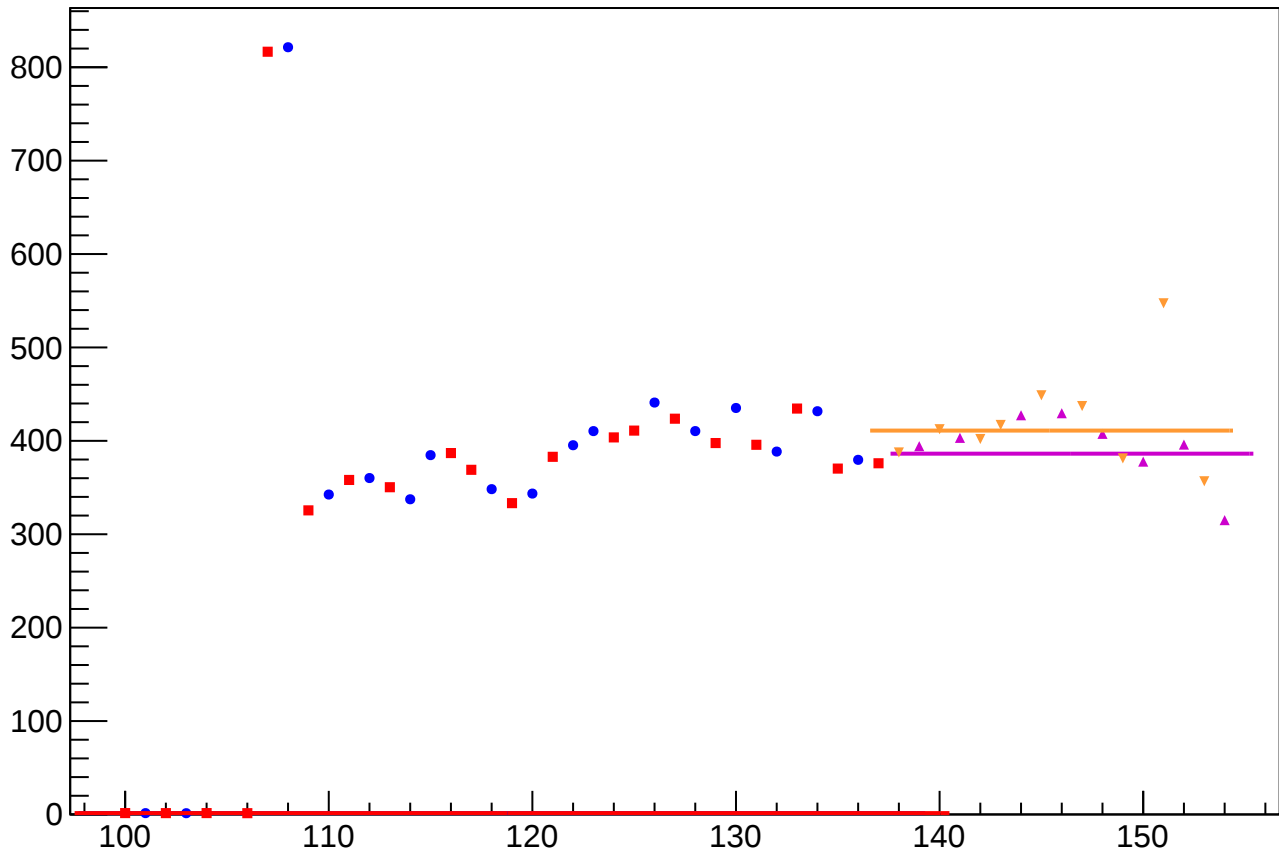
Right Out: -1.324 ± 1.623 χ^2/NDF : 9.6/19

Left In: 9.858 ± 153.478 χ^2/NDF : 0.8/7

-0.134 ± 1.737 χ^2/NDF : 17.1/25

-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: 1.499 ± 0.001 χ^2/NDF : 165848.2/8

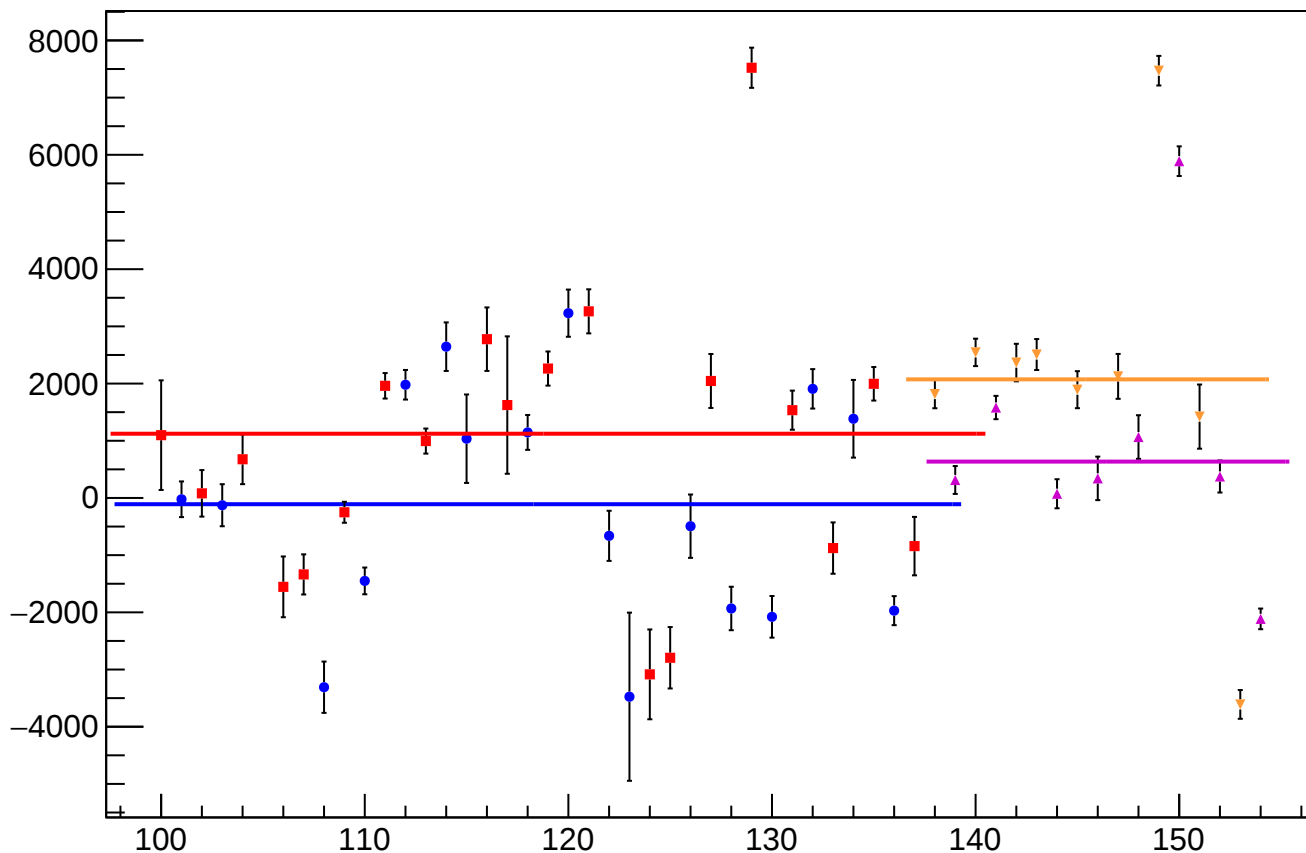
Right Out: 1.451 ± 0.001 χ^2/NDF : 10959647.1/19

Left In: 1.494 ± 0.001 χ^2/NDF : 127394.7/7

1.499 ± 0.001 χ^2/NDF : 23781471.0/25

1.494 ± 0.001 χ^2/NDF : 23659094.2/27

asym_bcm0l02_mean vs Slug



Right In: -109.225 ± 87.961 $\chi^2/\text{NDF}: 428.3/16$

Left Out: 2073.624 ± 96.862 $\chi^2/\text{NDF}: 955.9/8$

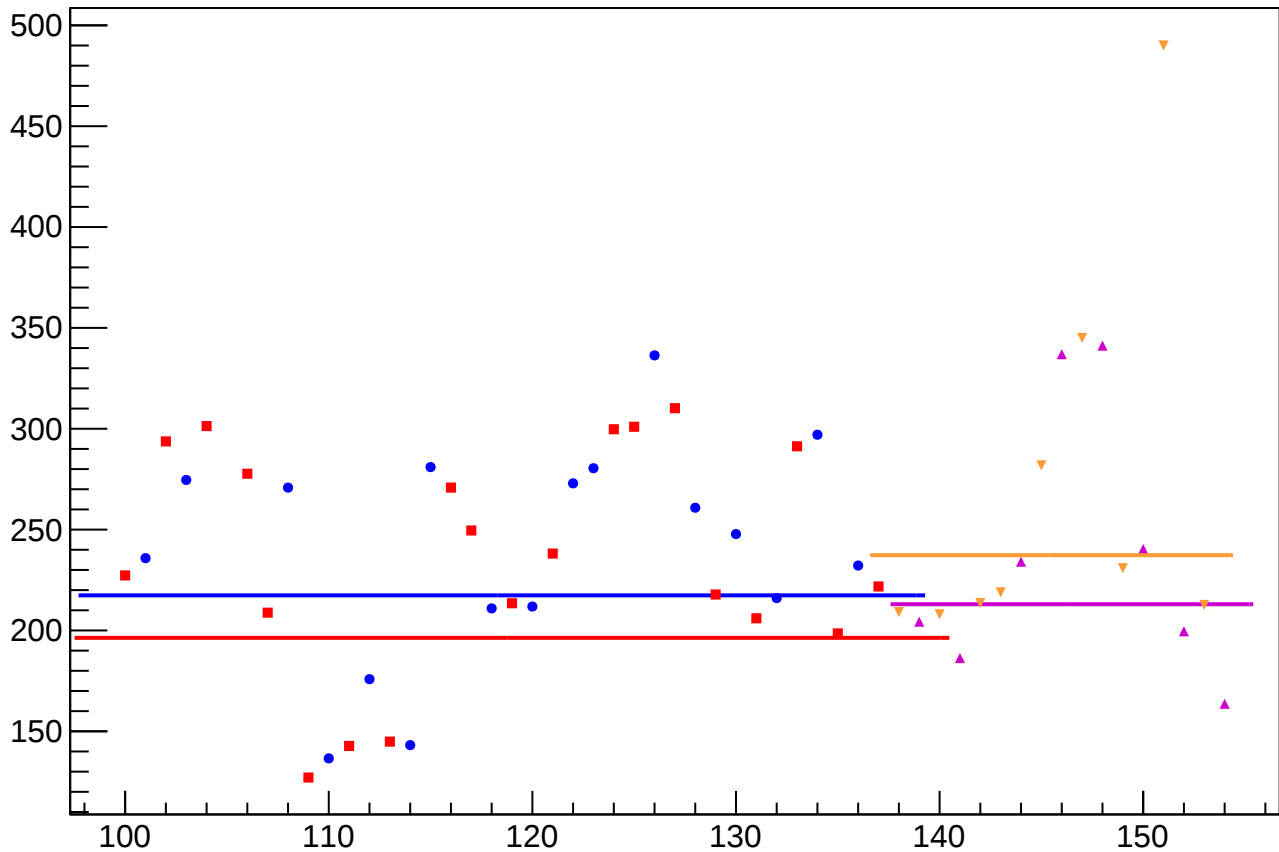
Right Out: 1123.337 ± 78.230 $\chi^2/\text{NDF}: 670.2/19$

Left In: 635.785 ± 88.238 $\chi^2/\text{NDF}: 672.6/7$

877.324 ± 65.118 $\chi^2/\text{NDF}: 1662.6/25$

908.769 ± 58.537 $\chi^2/\text{NDF}: 1359.9/27$

asym_bcm0l02_rms vs Slug



Right In: 217.403+/-0.062 χ^2/NDF : 652632.9/16

Left Out: 237.315+/-0.068 χ^2/NDF : 690292.7/8

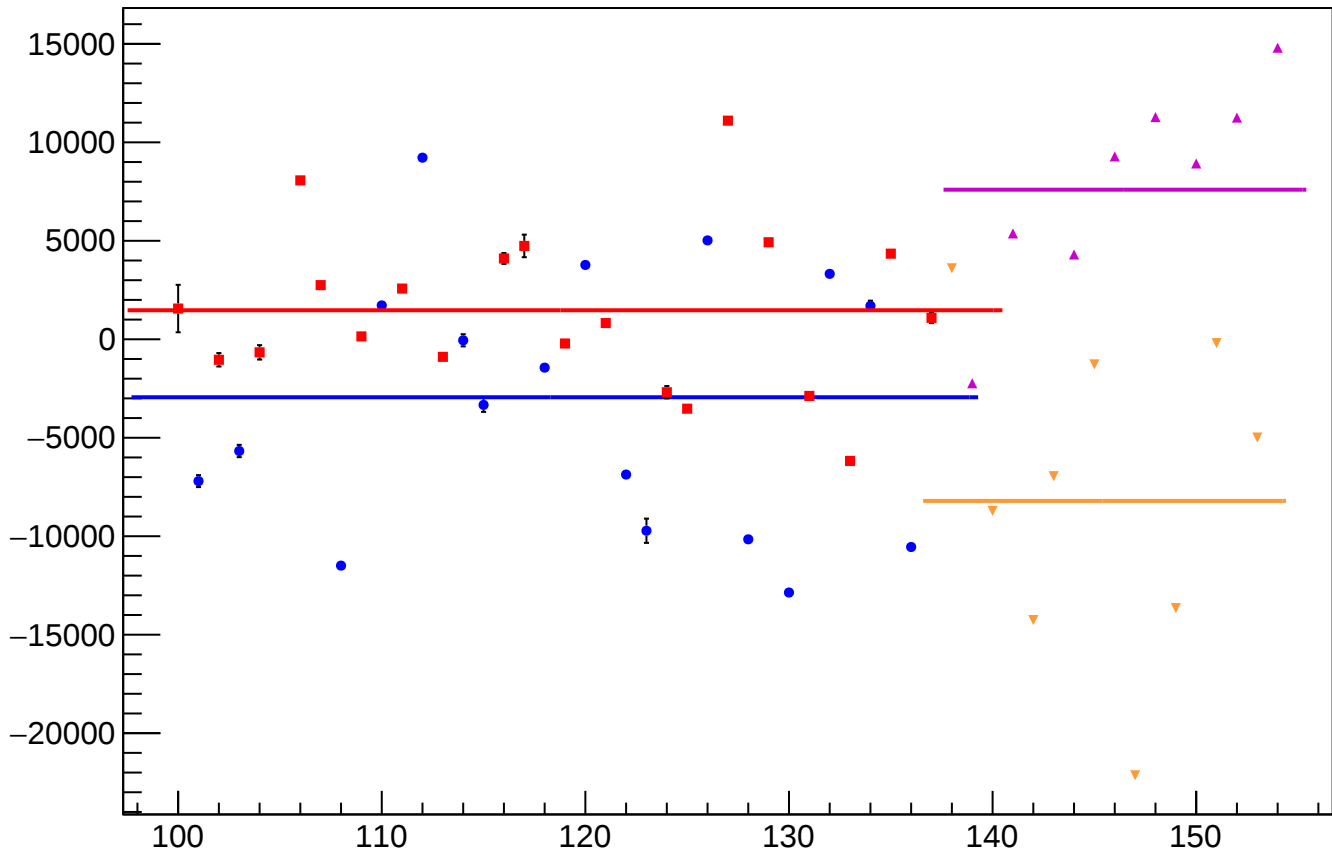
Right Out: 196.339+/-0.055 χ^2/NDF : 1194805.7/19

Left In: 213.006+/-0.062 χ^2/NDF : 665295.6/7

226.402+/-0.046 χ^2/NDF : 1389248.2/25

203.674+/-0.041 χ^2/NDF : 1900053.4/27

asym_bpm2i01WS_mean vs Slug



Right In: -2943.123 ± 48.612 χ^2/NDF : 20909.8/16

Left Out: -8206.540 ± 47.729 χ^2/NDF : 26871.4/8

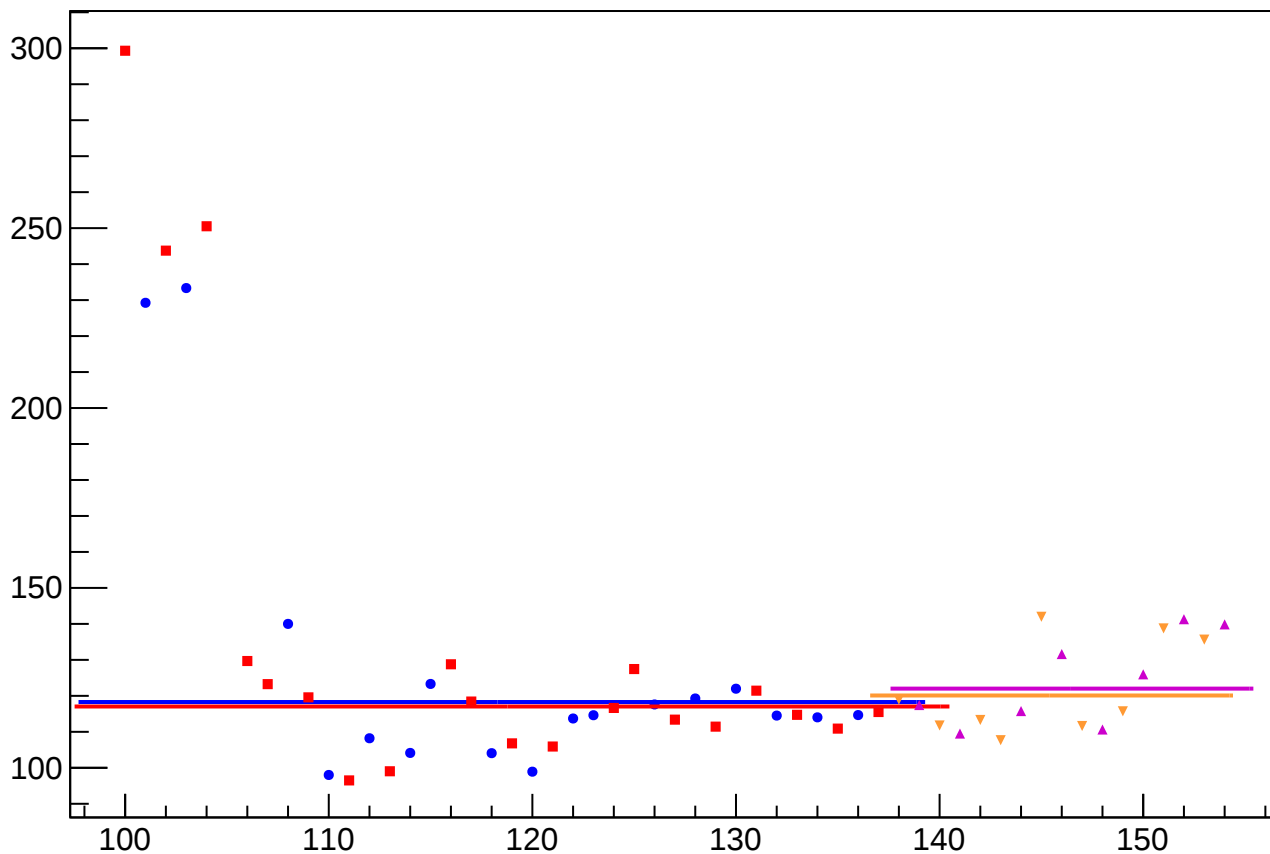
Right Out: 1474.497 ± 46.252 χ^2/NDF : 8028.6/19

Left In: 7595.832 ± 48.345 χ^2/NDF : 9655.5/7

-5623.082 ± 34.057 χ^2/NDF : 53750.2/25

4399.796 ± 33.421 χ^2/NDF : 26054.6/27

asym_bpm2i01WS_rms vs Slug



Right In: 118.286 $\pm$ 0.034 χ^2 /NDF: 636918.0/16

Left Out: 120.100 $\pm$ 0.034 χ^2 /NDF: 124341.2/8

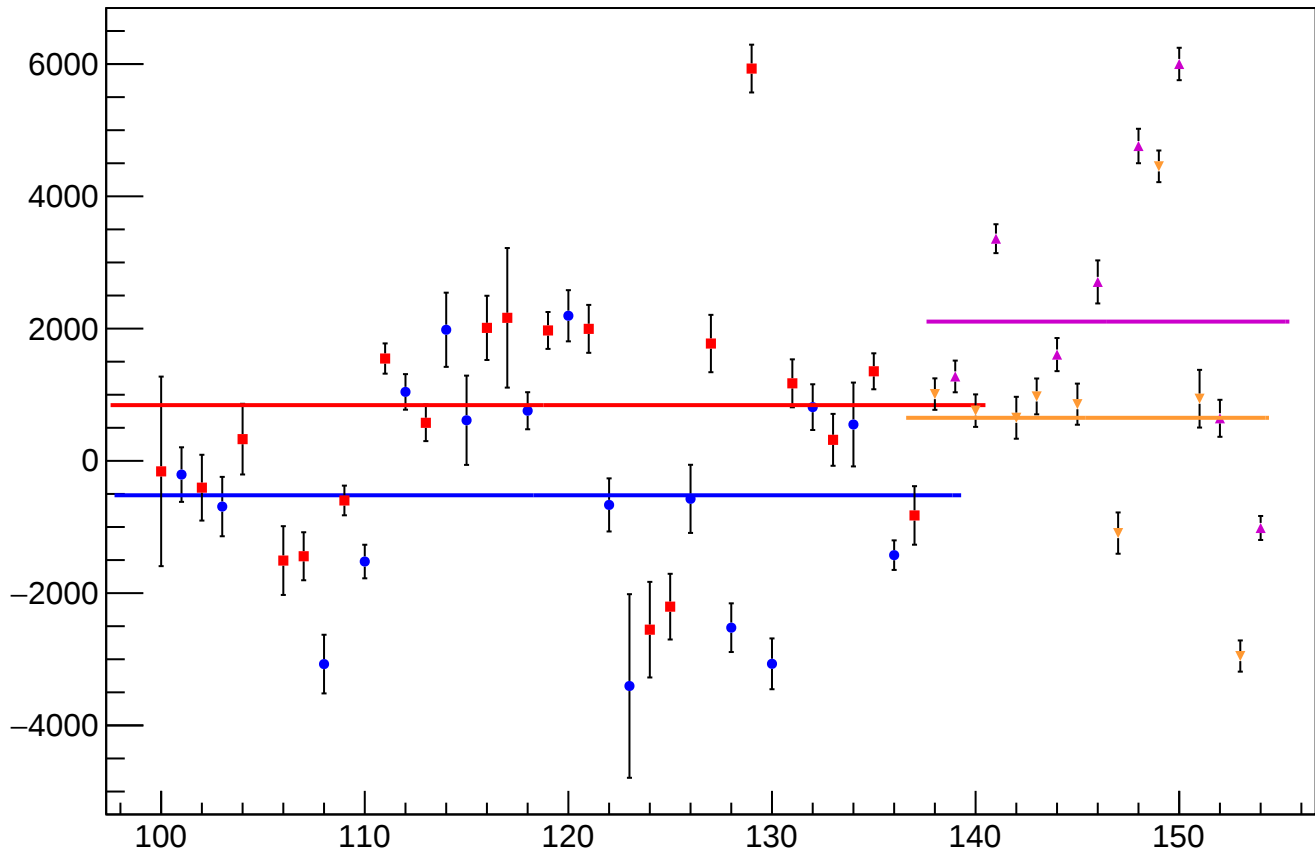
Right Out: 117.040 $\pm$ 0.033 χ^2 /NDF: 690873.1/19

Left In: 122.010 $\pm$ 0.034 χ^2 /NDF: 112724.3/7

119.210 $\pm$ 0.024 χ^2 /NDF: 762678.7/25

119.415 $\pm$ 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: 651.018 ± 91.652 $\chi^2/\text{NDF}: 521.5/8$

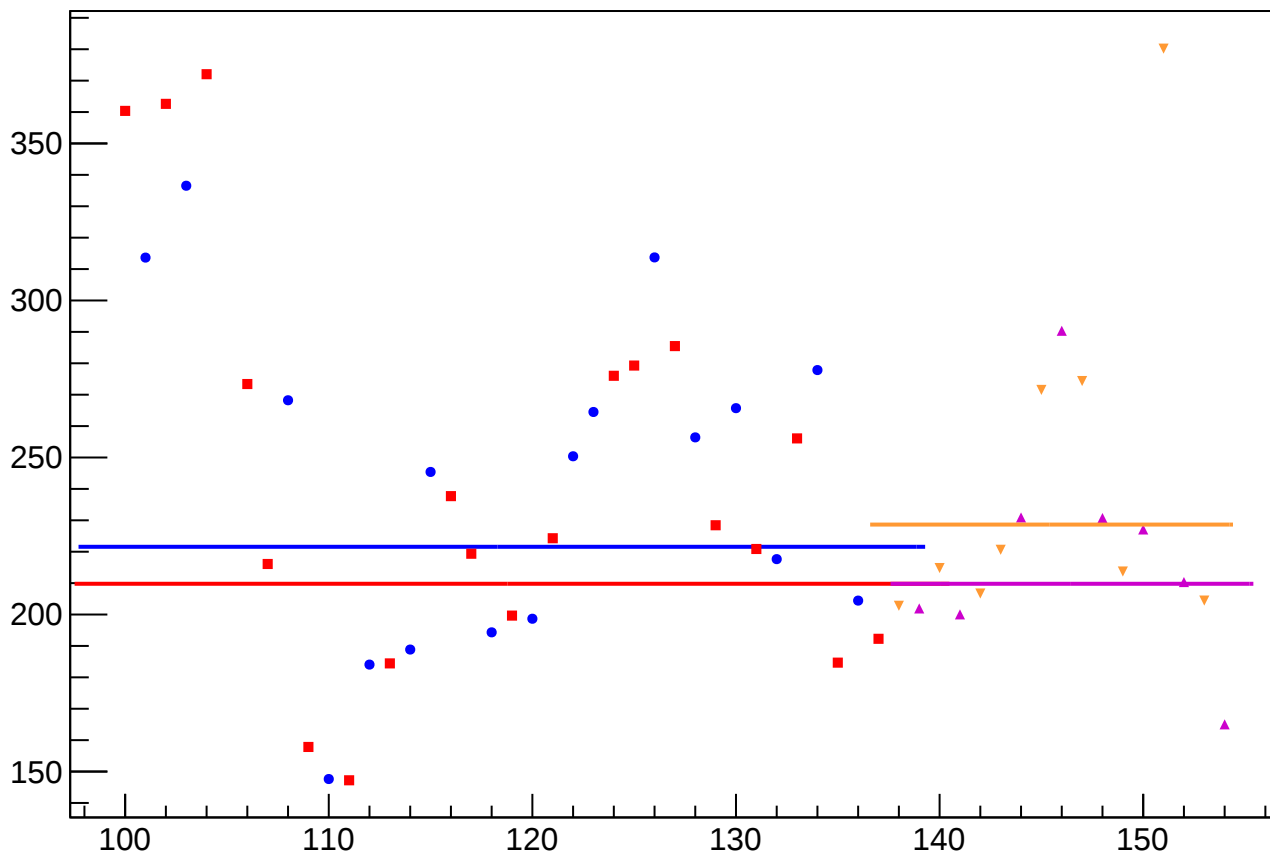
Right Out: 842.858 ± 82.024 $\chi^2/\text{NDF}: 436.3/19$

Left In: 2105.850 ± 85.020 $\chi^2/\text{NDF}: 732.4/7$

49.768 ± 63.938 $\chi^2/\text{NDF}: 893.5/25$

1451.711 ± 59.031 $\chi^2/\text{NDF}: 1283.0/27$

asym_bpm0i07WS_rms vs Slug



Right In: 221.570 ± 0.063 $\chi^2/\text{NDF}: 644941.4/16$

Left Out: 228.645 ± 0.065 $\chi^2/\text{NDF}: 392354.8/8$

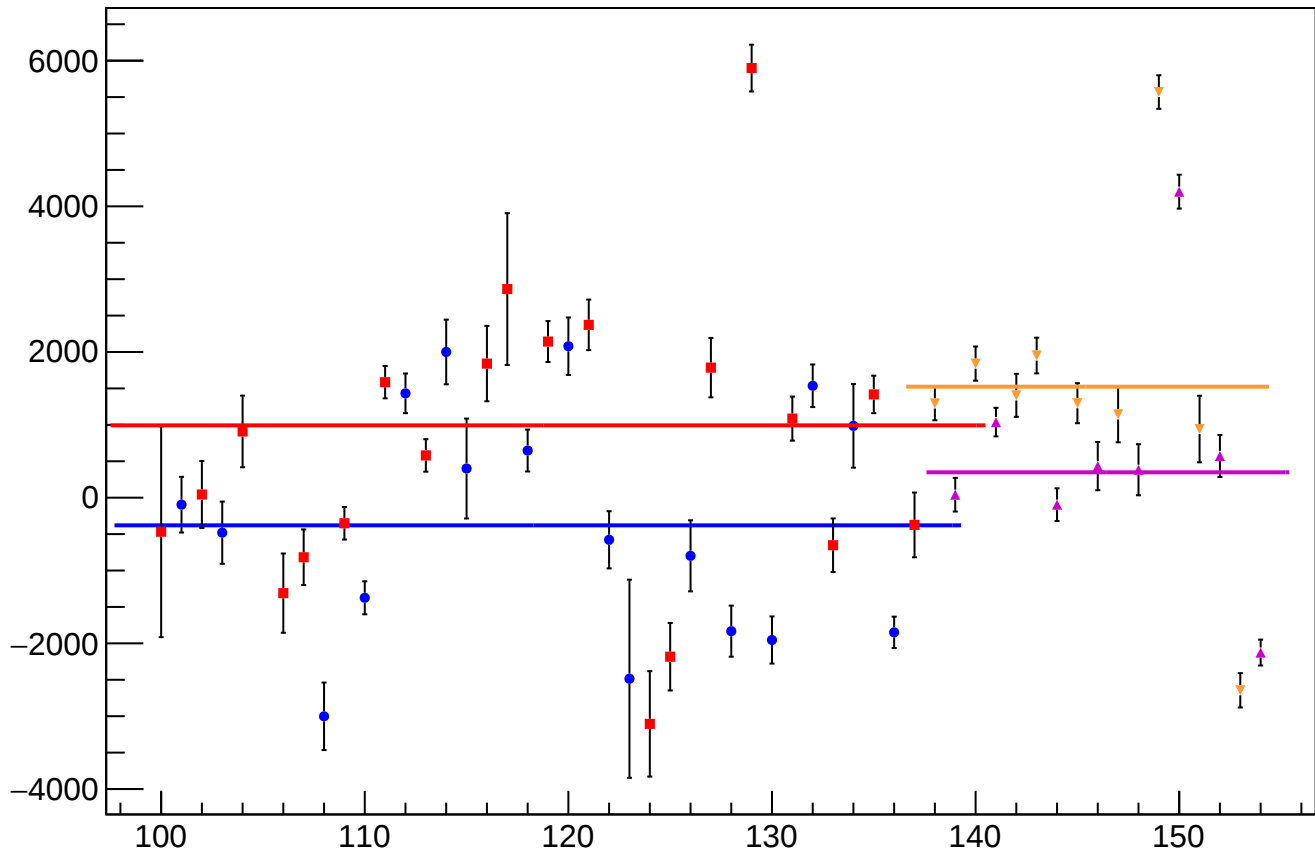
Right Out: 209.794 ± 0.058 $\chi^2/\text{NDF}: 884087.4/19$

Left In: 209.790 ± 0.060 $\chi^2/\text{NDF}: 287647.1/7$

225.013 ± 0.045 $\chi^2/\text{NDF}: 1043414.3/25$

209.792 ± 0.042 $\chi^2/\text{NDF}: 1171734.5/27$

asym_bpm0l01WS_mean vs Slug



Right In: -379.647 ± 84.260 χ^2/NDF : 317.2/16

Left Out: 1524.263 ± 88.858 χ^2/NDF : 630.8/8

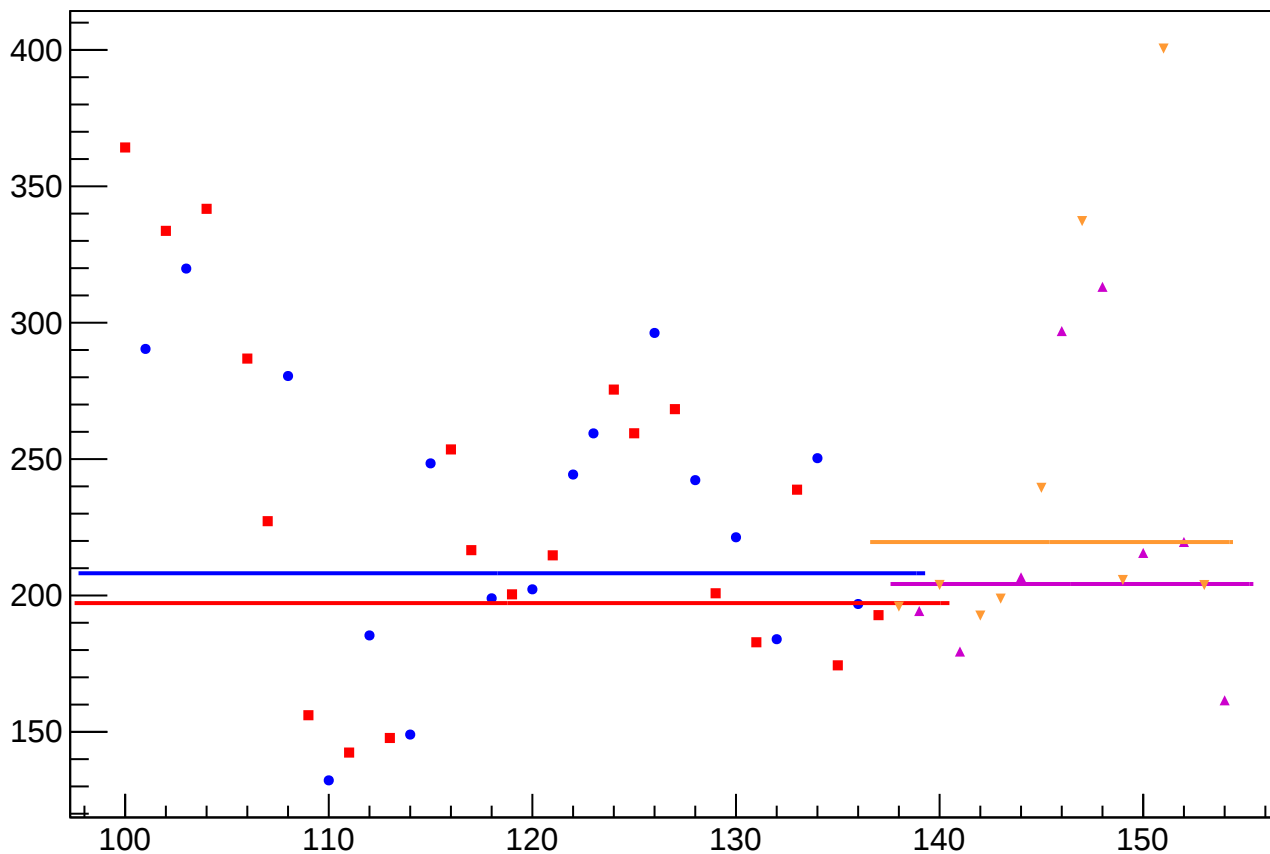
Right Out: 992.944 ± 77.509 χ^2/NDF : 479.5/19

Left In: 348.397 ± 83.351 χ^2/NDF : 486.8/7

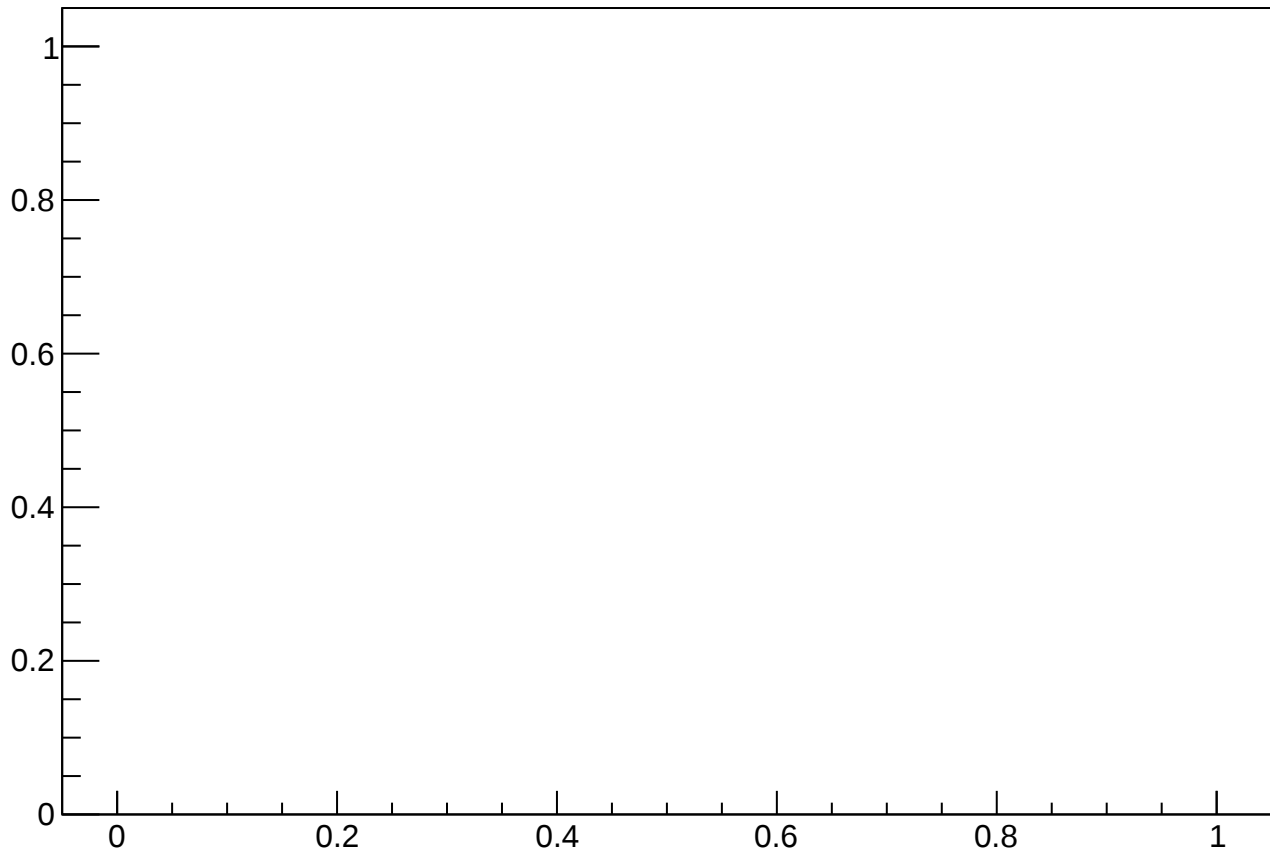
521.773 ± 61.141 χ^2/NDF : 1189.7/25

694.046 ± 56.760 χ^2/NDF : 998.3/27

asym_bpm0l01WS_rms vs Slug



bcm_an_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

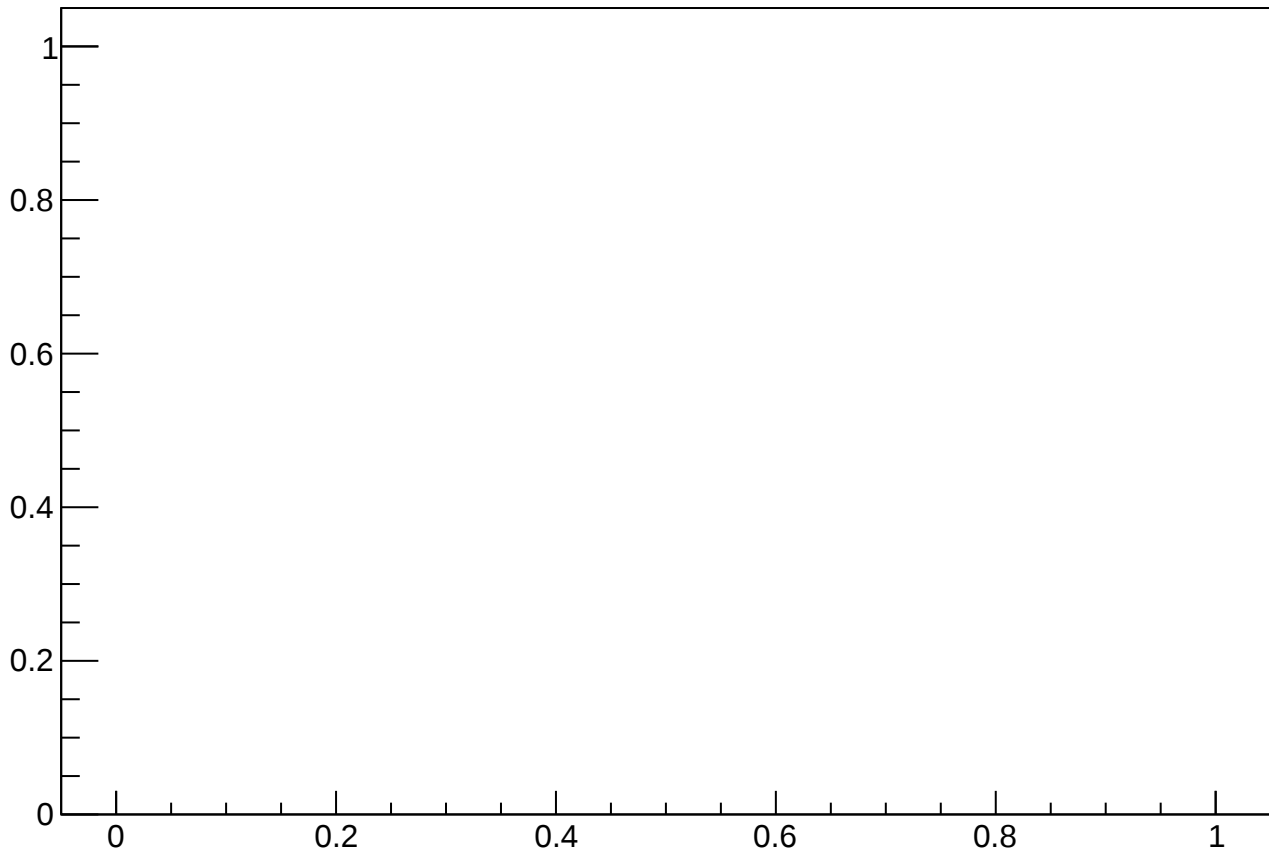
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

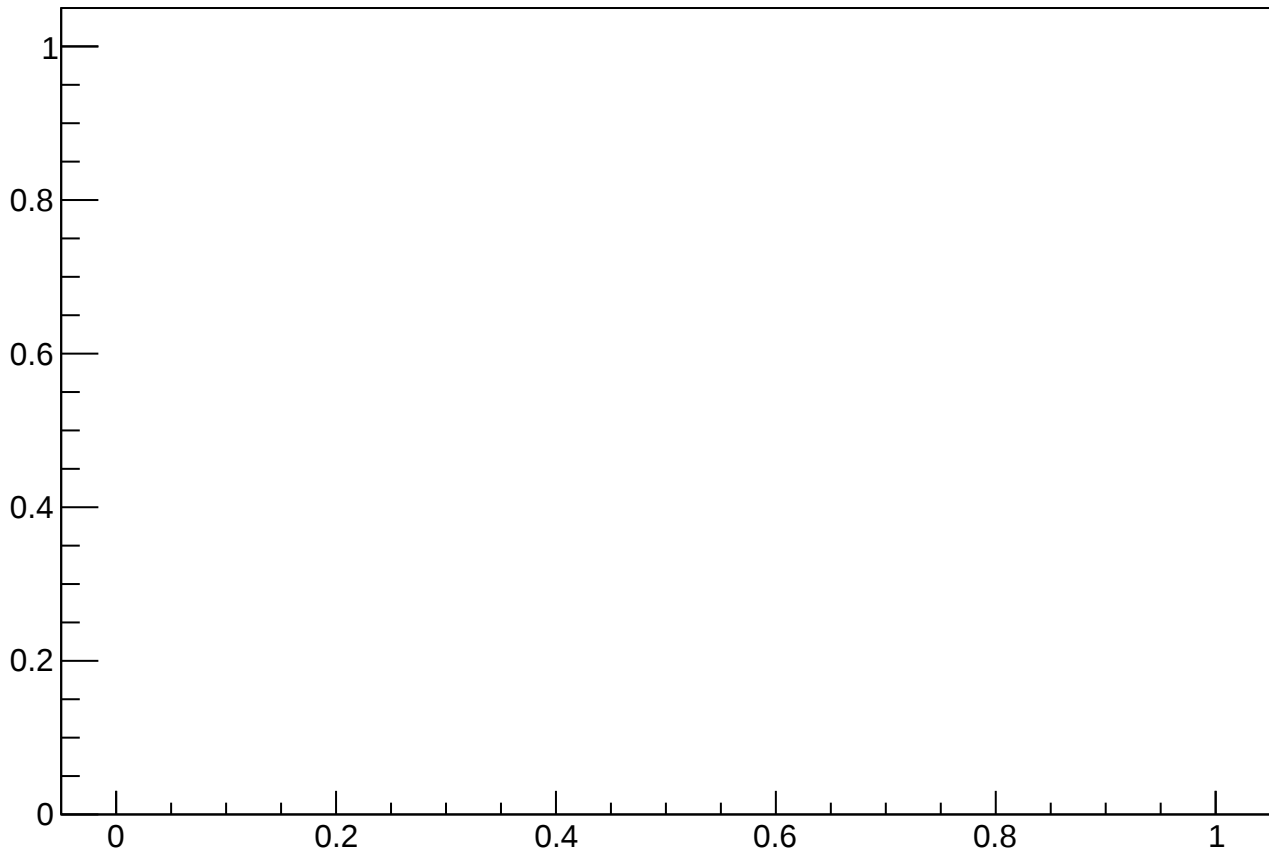
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

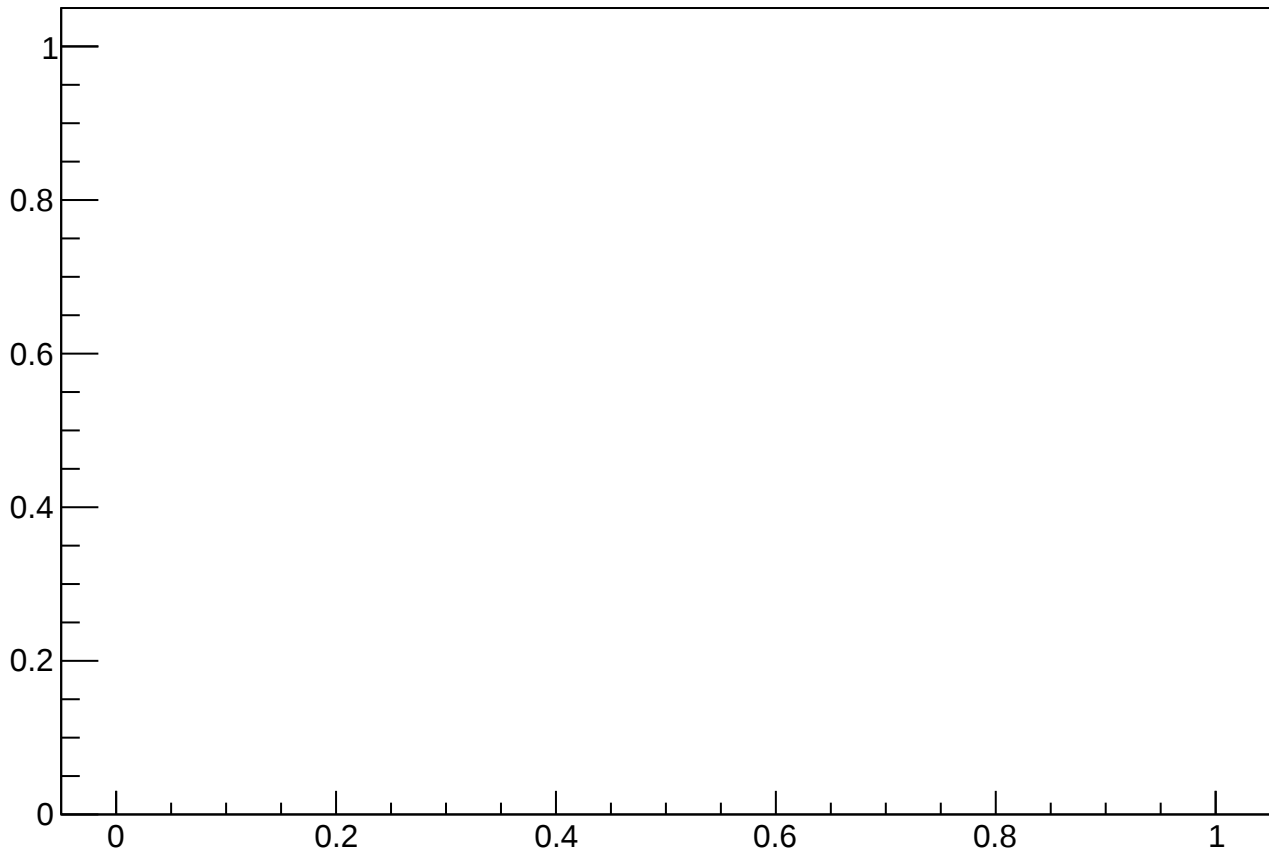
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

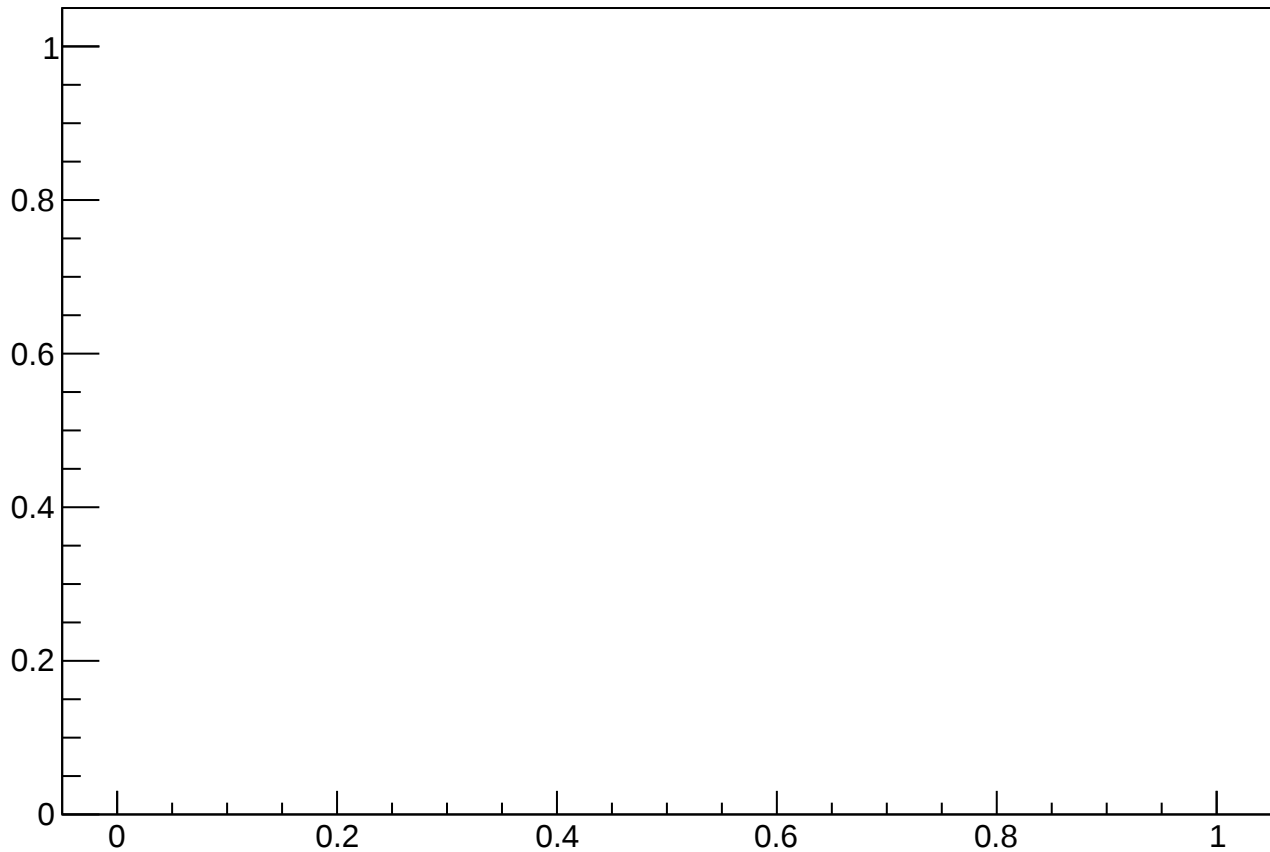
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

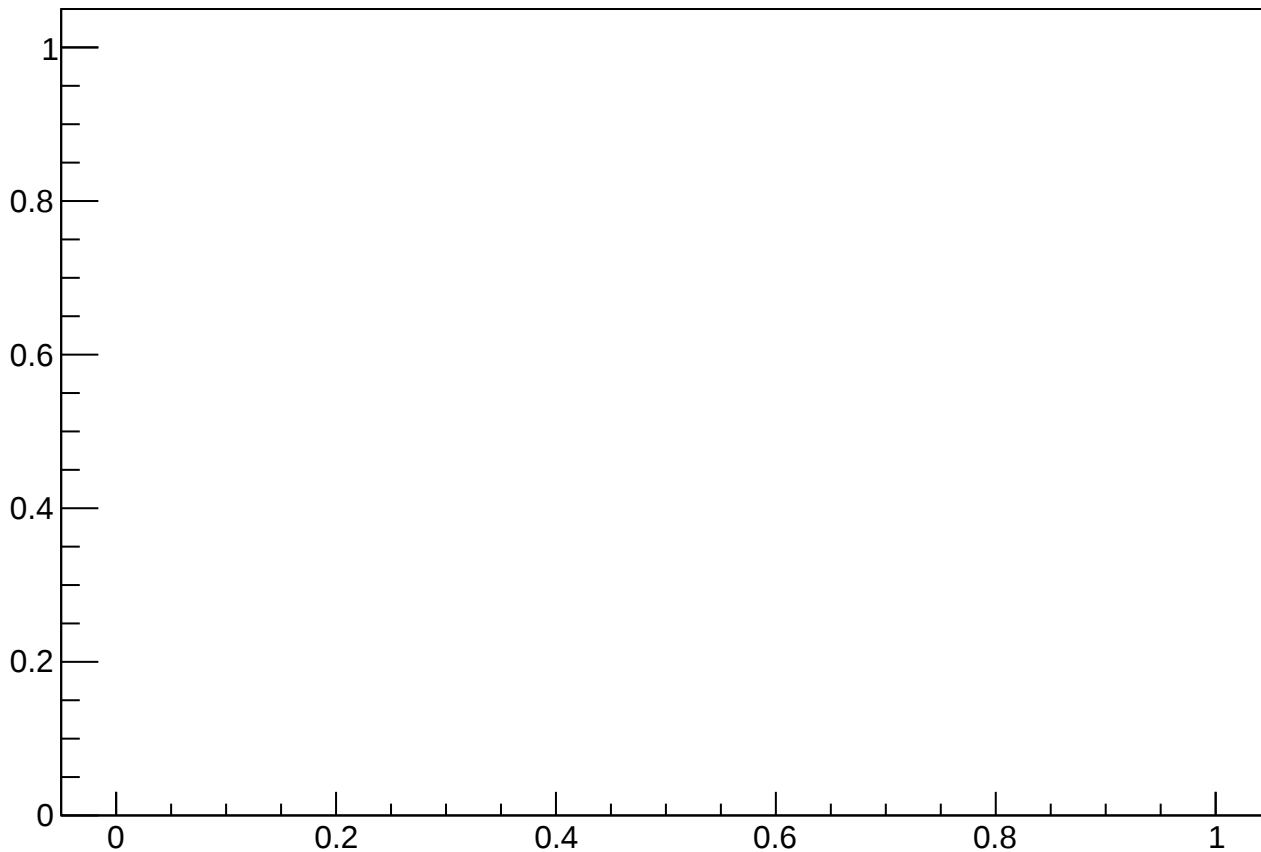
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

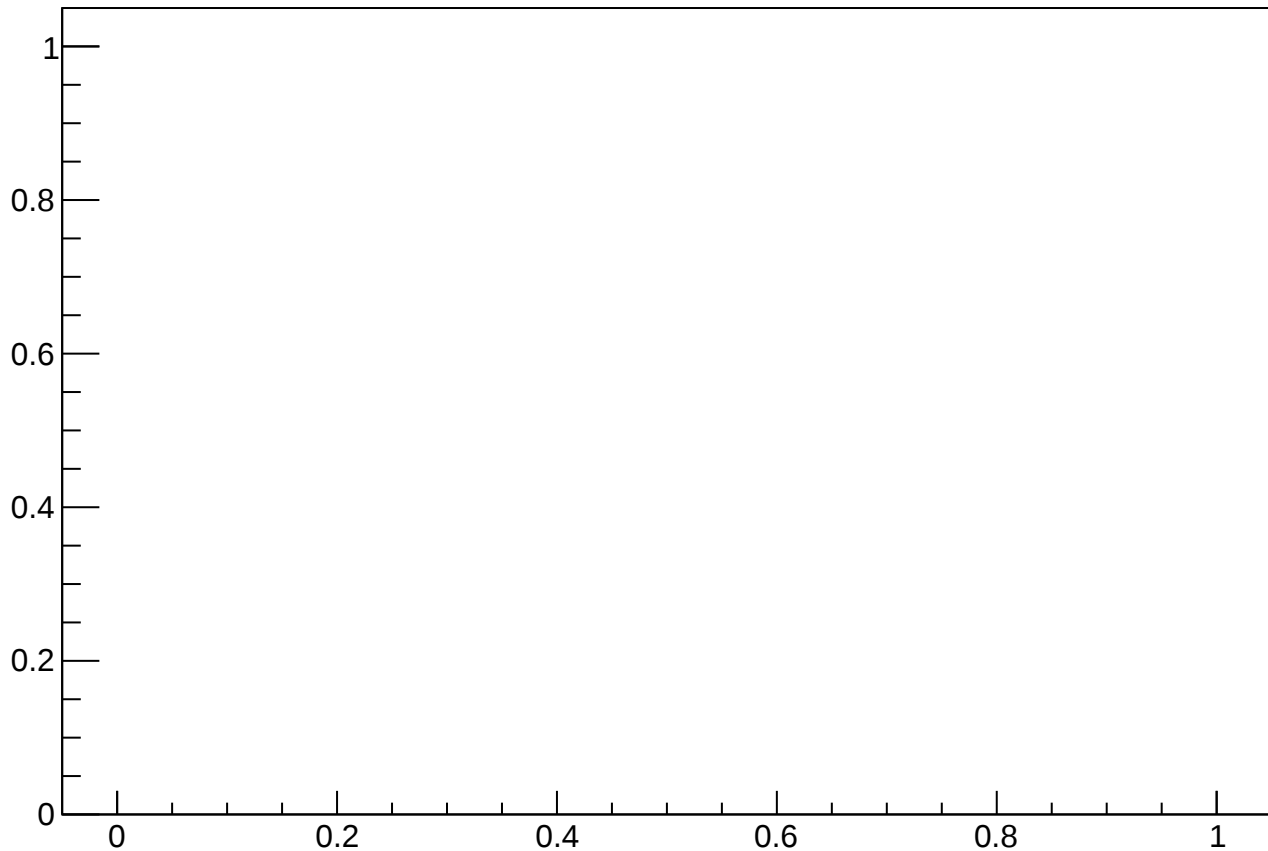
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

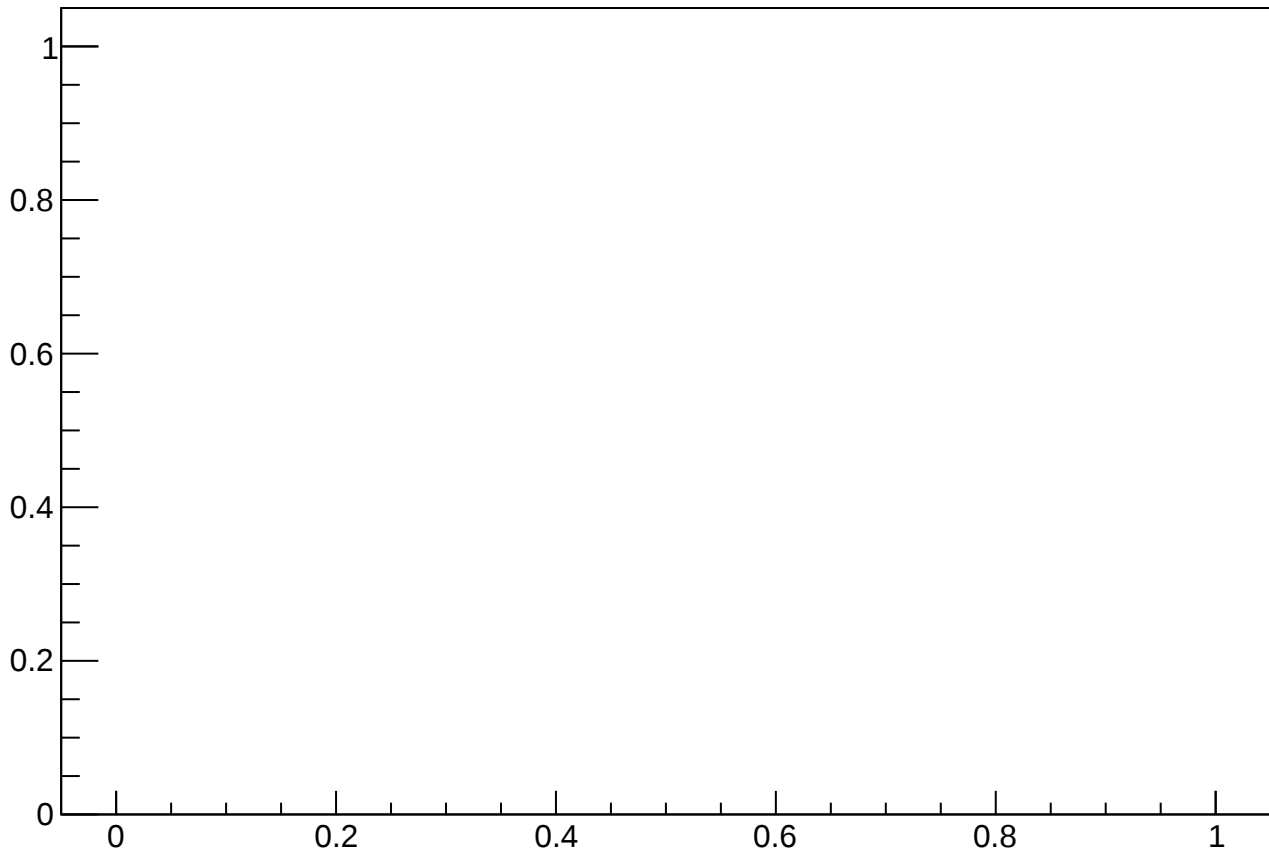
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

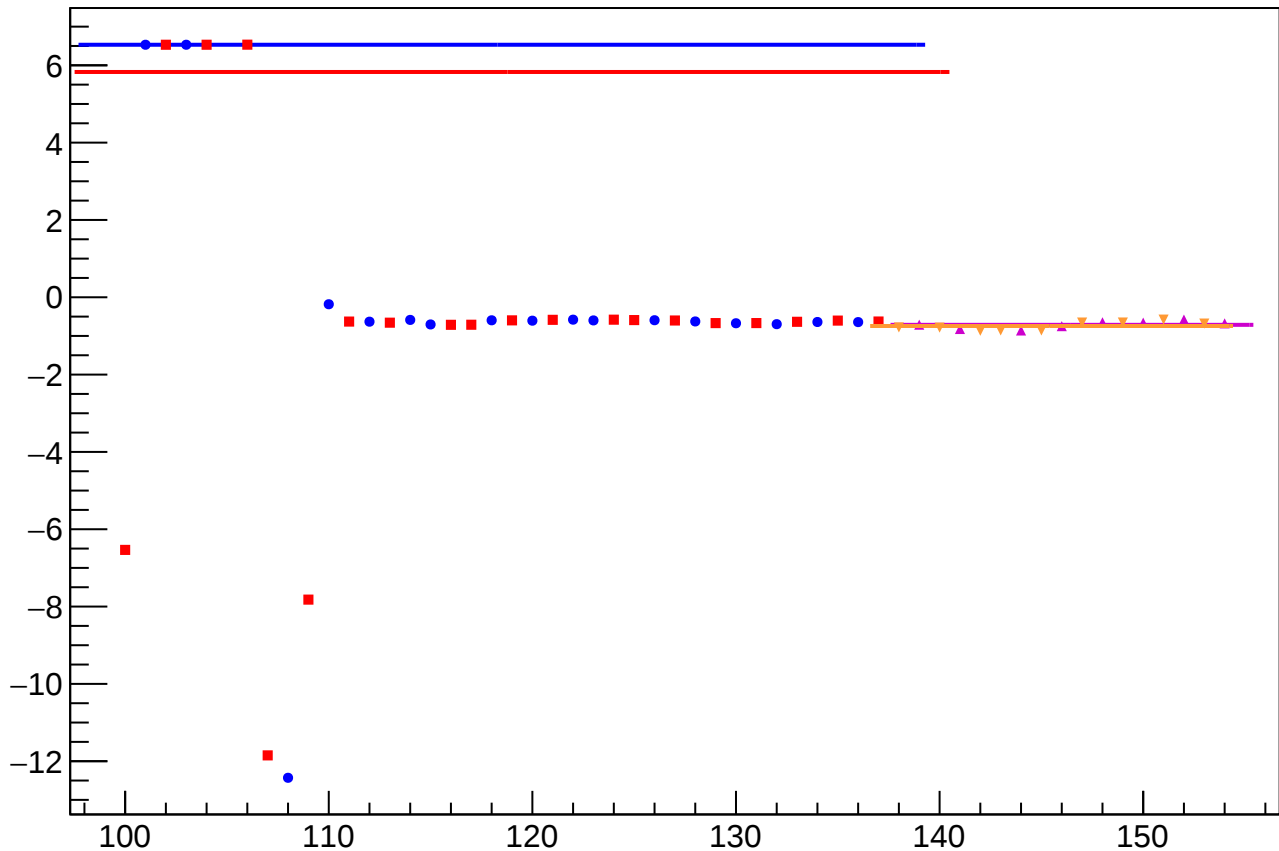
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 127219747629.7/16

Left Out: -0.743+/-0.000 χ^2/NDF : 67147104.6/8

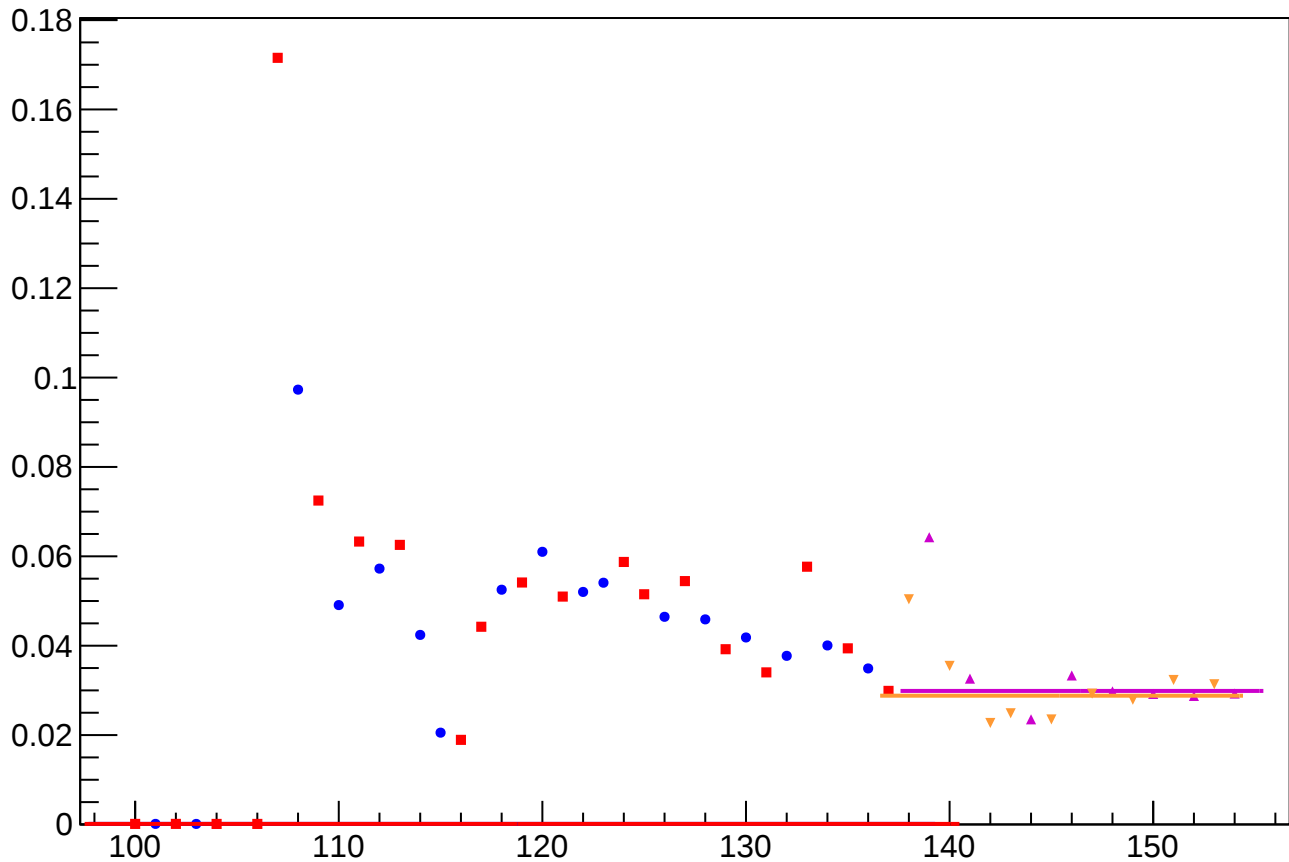
Right Out: 5.827+/-0.000 χ^2/NDF : 755964092355063.0/19

Left In: -0.713+/-0.000 χ^2/NDF : 53530905.8/7

6.531+/-0.000 χ^2/NDF : 443163748293.9/25

5.827+/-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 :409326.0/8

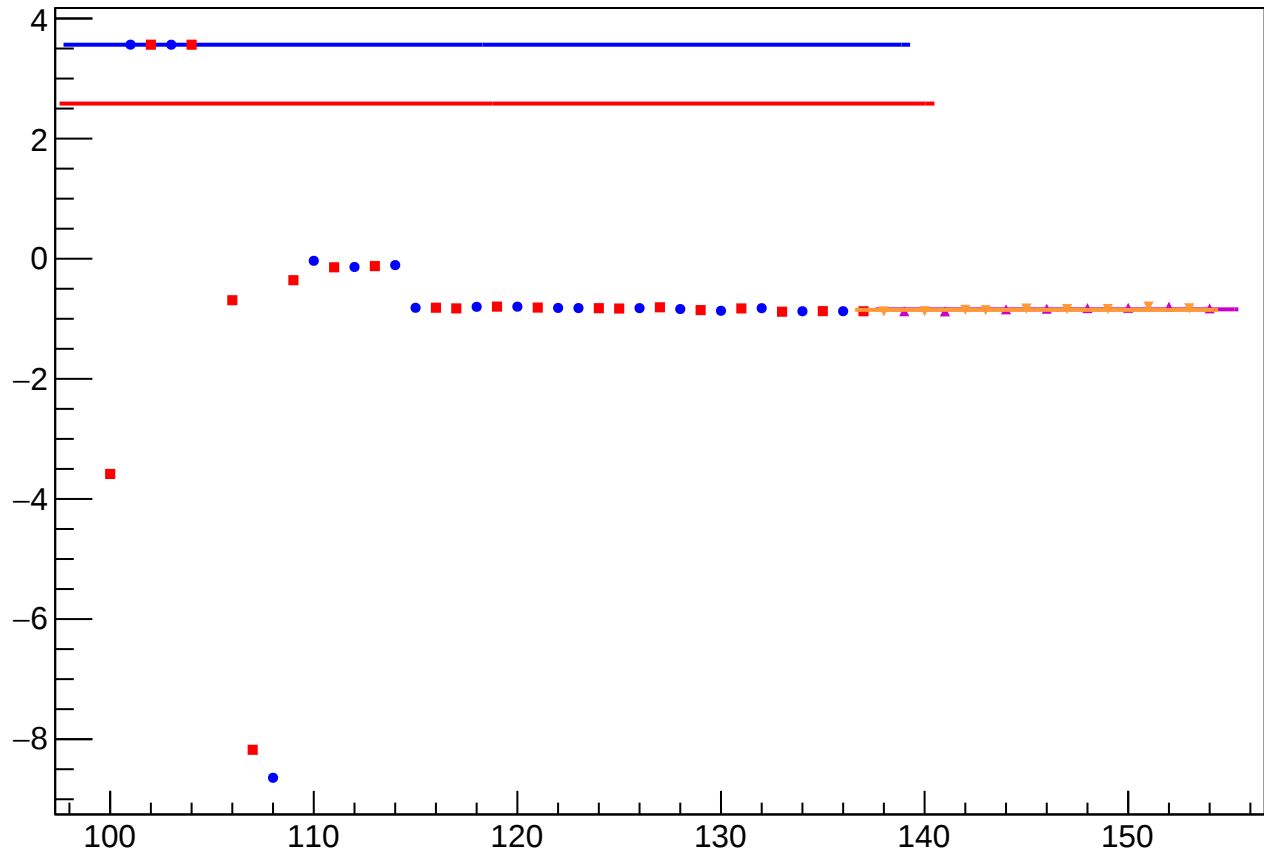
Right Out: 0.000+/-0.000 χ^2/NDF : 9429256.2/19

Left In: 0.030+/-0.000 χ^2/NDF :517507.5/7

0.000+/-0.000 χ^2/NDF : 19123265.3/25

0.000+/-0.000 χ^2/NDF : 19998318.3/27

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000 χ^2/NDF : 481634392464.0/16

Left Out: -0.851+/-0.000 χ^2/NDF : 32847359.3/8

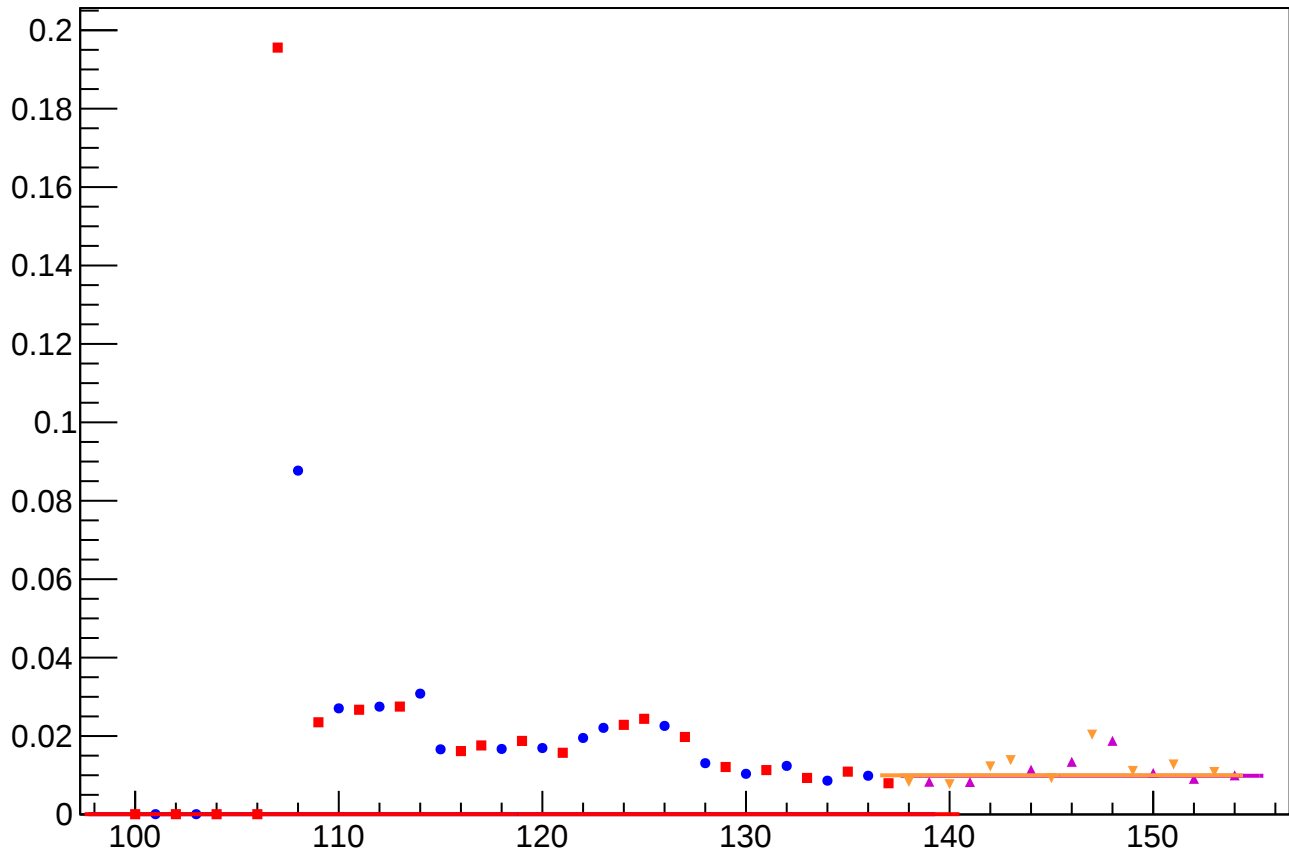
Right Out: 2.583+/-0.000 χ^2/NDF : 1253503502448656.2/19

Left In: -0.843+/-0.000 χ^2/NDF : 47025170.5/7

3.562+/-0.000 χ^2/NDF : 1442380606082.4/25

2.583+/-0.000 χ^2/NDF : 1254113530889771.8/2

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 : 715622.7/8

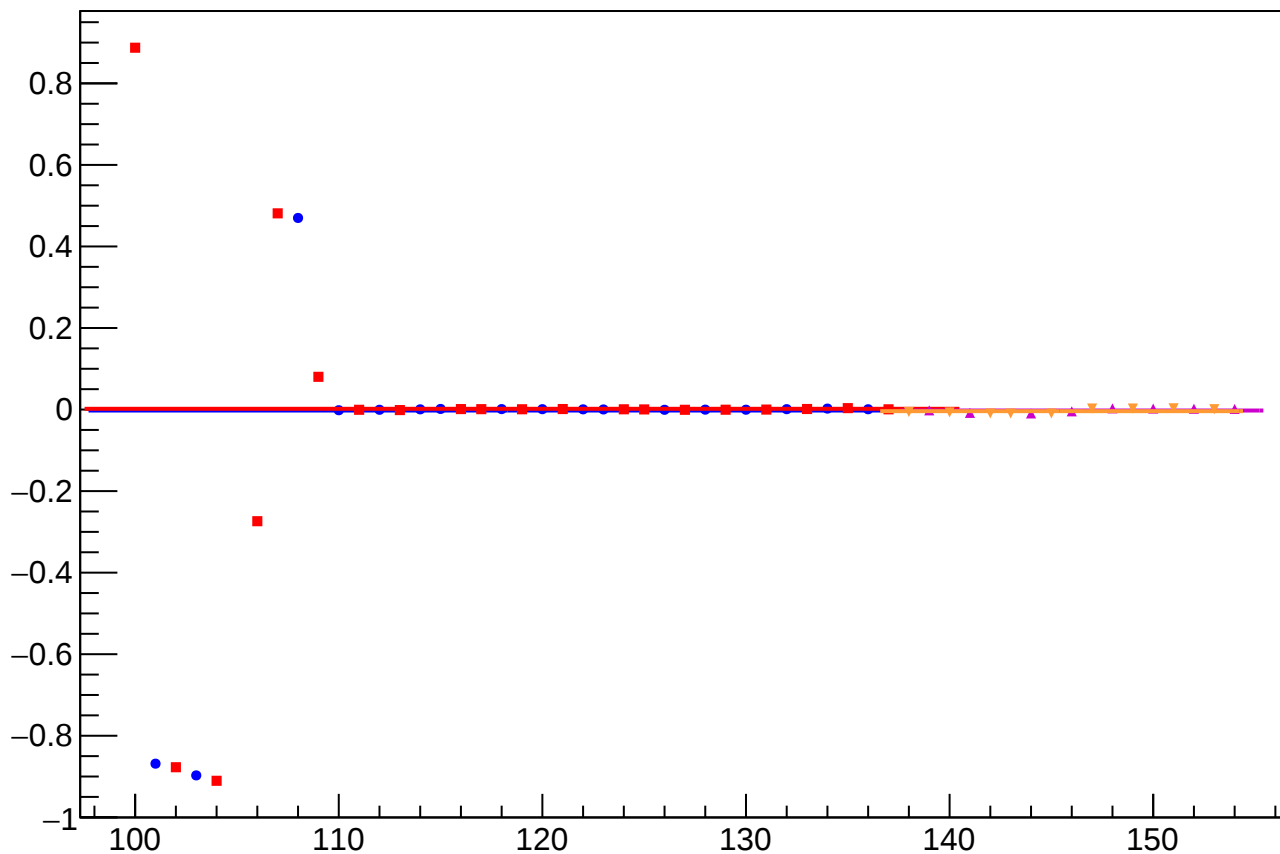
Right Out: 0.000+/-0.000 χ^2/NDF : 9937459.6/19

Left In: 0.010+/-0.000 χ^2/NDF : 532208.8/7

0.000+/-0.000 χ^2/NDF : 20127602.8/25

0.000+/-0.000 χ^2/NDF : 20449507.9/27

yield_cav4cX_mean vs Slug



Right In: -0.002 $\pm$ 0.000 χ^2 /NDF: 9794863405.3/16

Left Out: -0.004 $\pm$ 0.000 χ^2 /NDF: 66950289.1/8

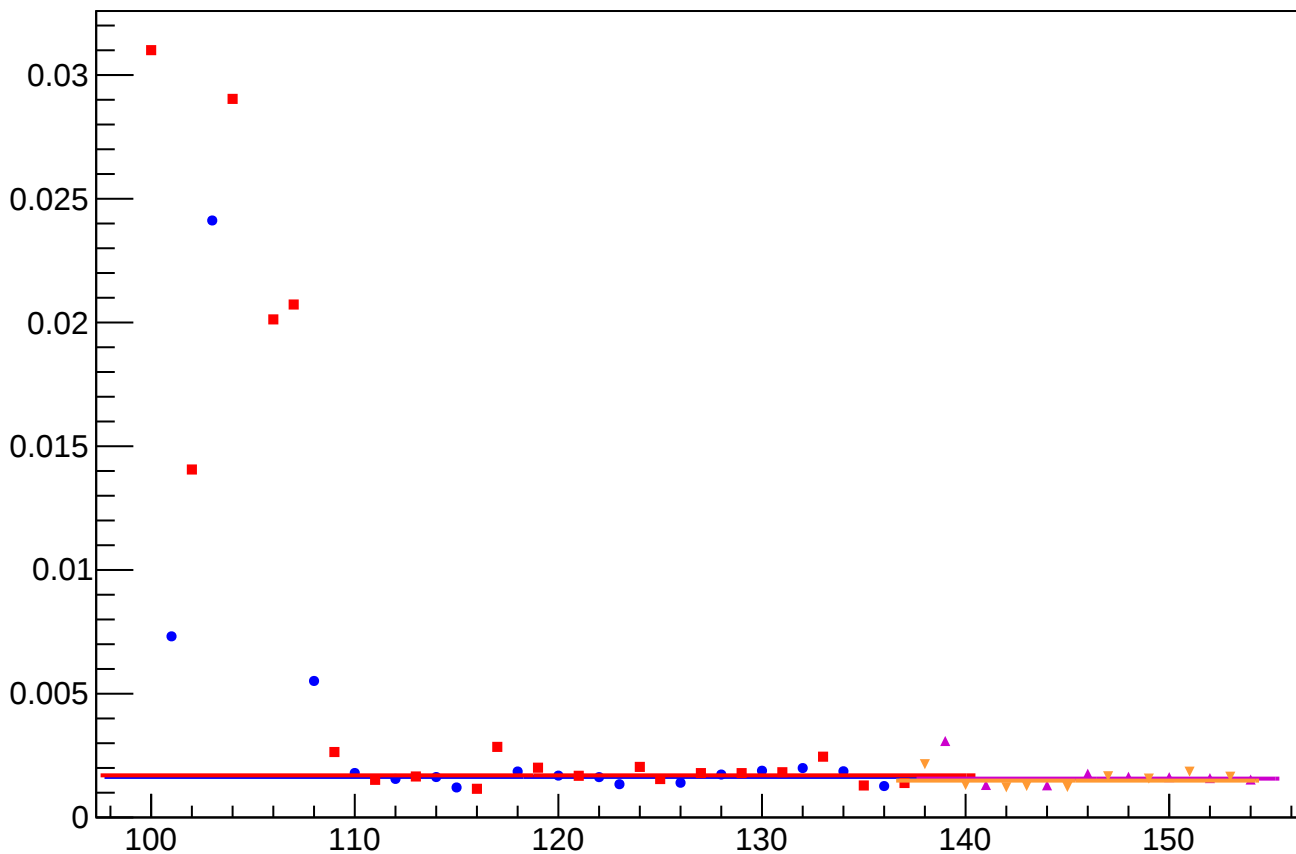
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3041323813.4/19

Left In: -0.002 $\pm$ 0.000 χ^2 /NDF: 53218801.4/7

-0.003 $\pm$ 0.000 χ^2 /NDF: 9864144492.2/25

-0.001 $\pm$ 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: 0.001 $\pm$ 0.000 χ^2 /NDF:318550.6/8

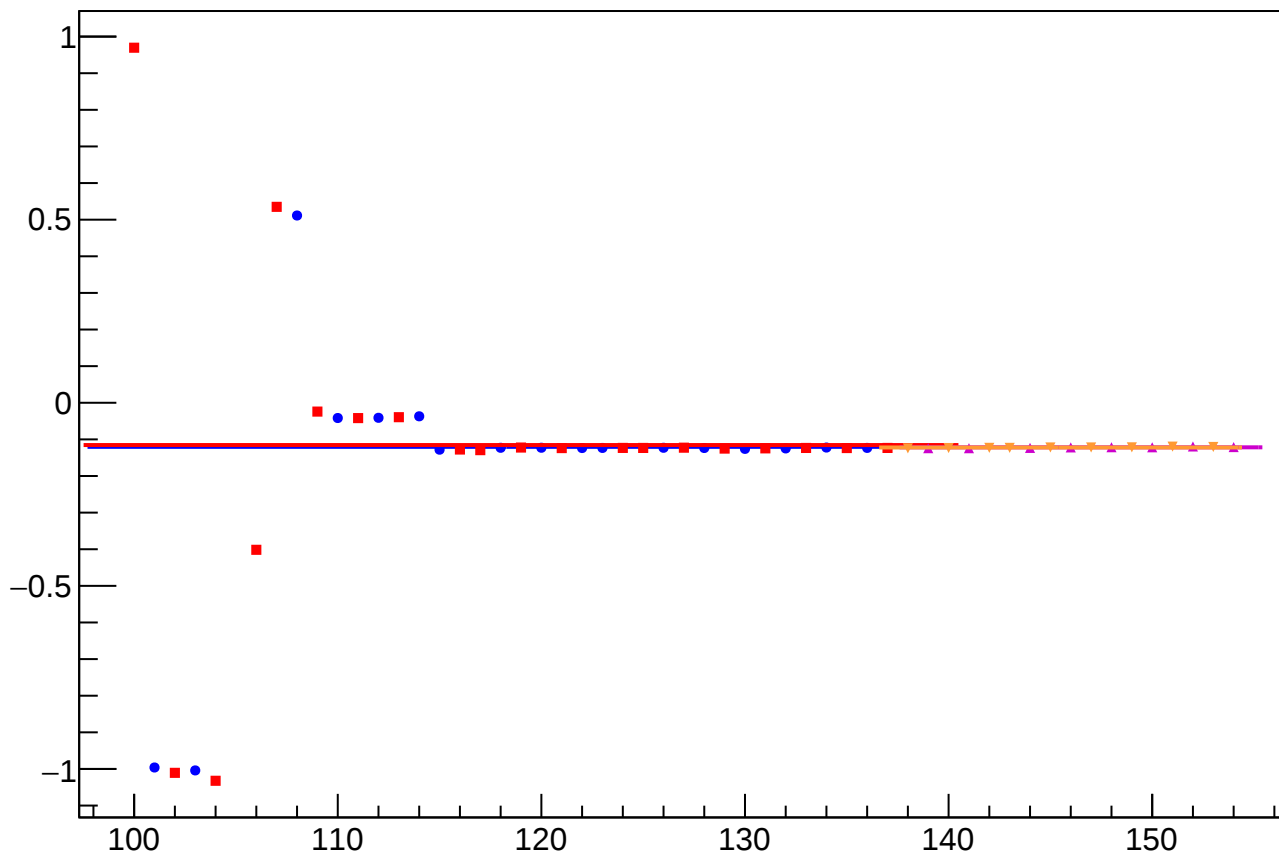
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3037006.7/19

Left In: 0.002 $\pm$ 0.000 χ^2 /NDF:469191.4/7

0.002 $\pm$ 0.000 χ^2 /NDF: 2277070.9/25

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 : 8391534.4/8

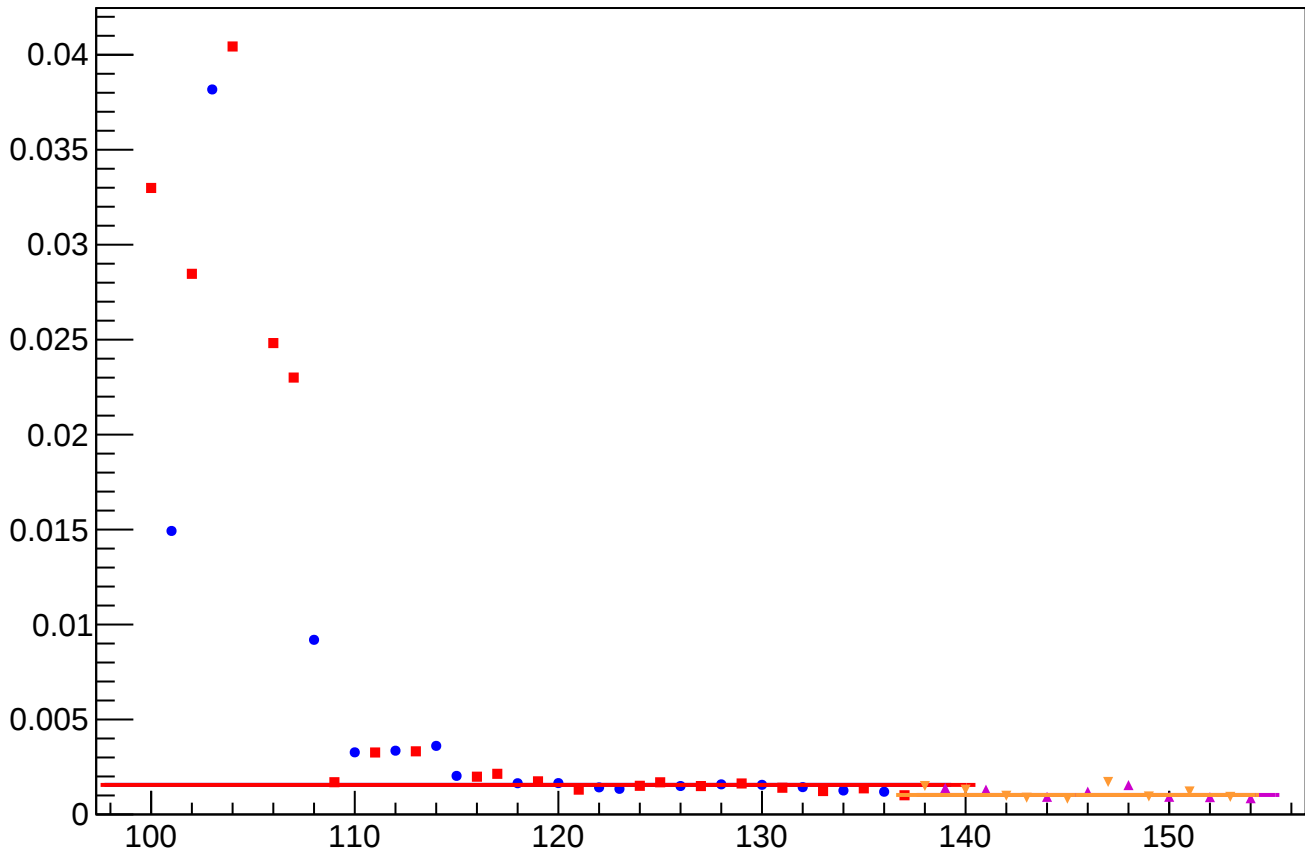
Right Out: -0.115+/-0.000 χ^2/NDF : 2458475073.1/19

Left In: -0.122+/-0.000 χ^2/NDF : 12516333.4/7

-0.122+/-0.000 χ^2/NDF : 3944788680.6/25

-0.120+/-0.000 χ^2/NDF : 2525771145.1/27

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 :611352.6/8

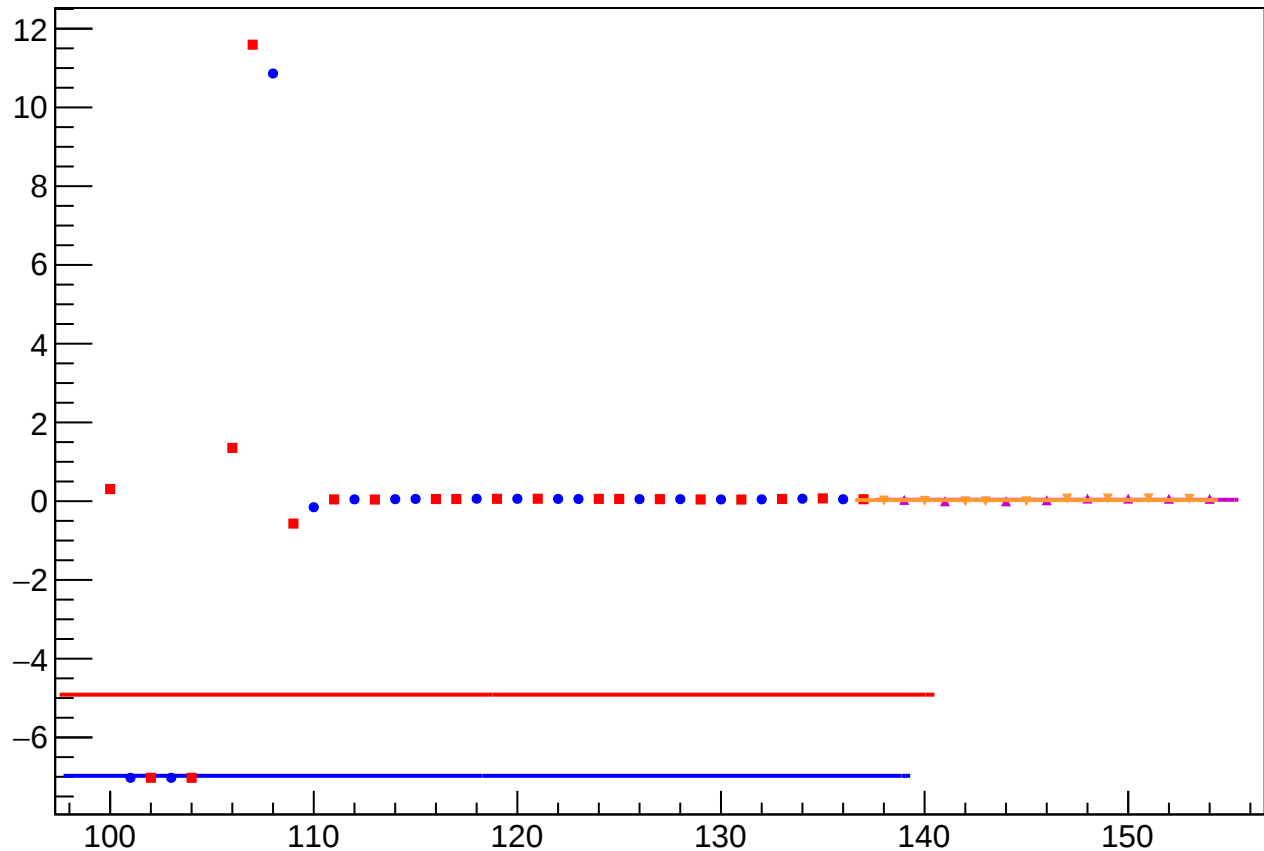
0.001+/-0.000 χ^2/NDF : 4302506.3/25

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: 0.028+/-0.000 χ^2/NDF : 66960528.1/8

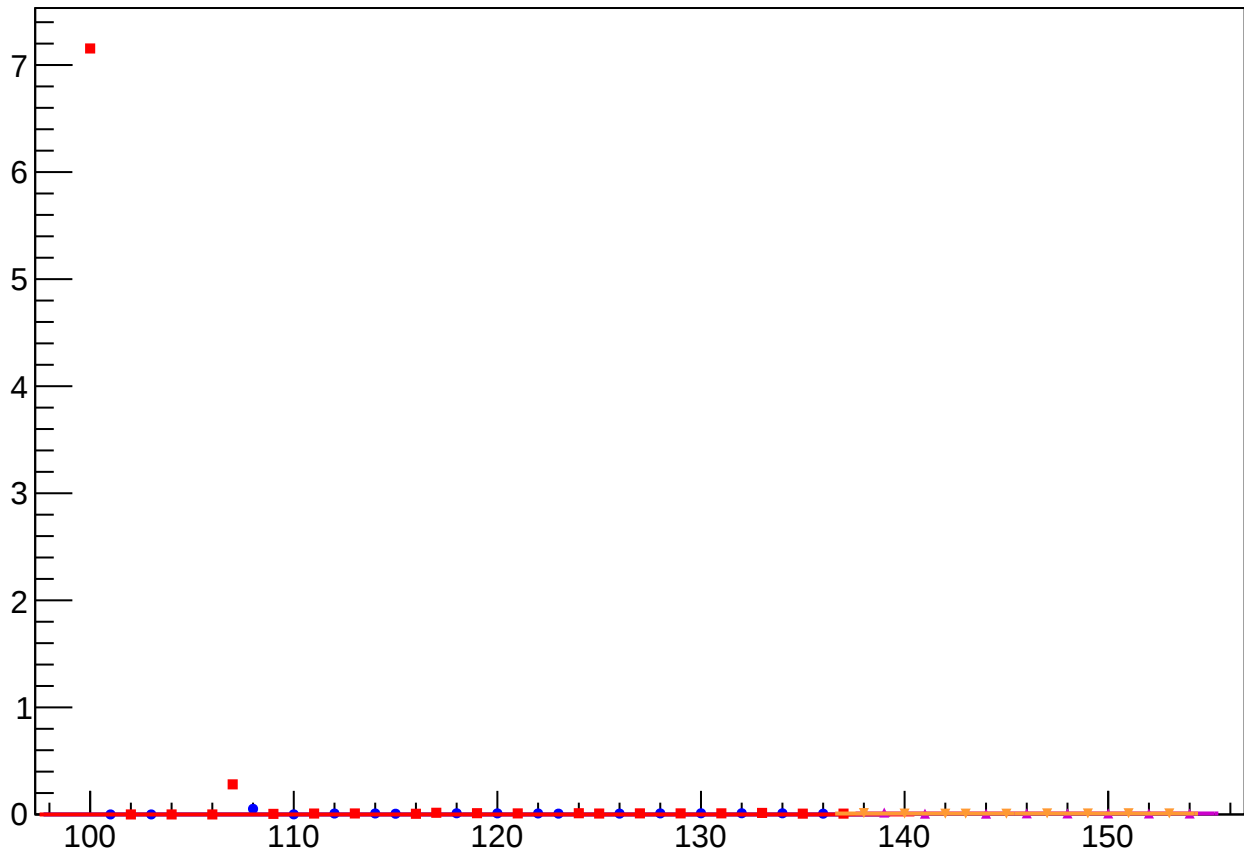
Right Out: -4.914+/-0.000 χ^2/NDF : 365362121338855.3/19

Left In: 0.036+/-0.000 χ^2/NDF : 57649491.2/7

-6.957+/-0.000 χ^2/NDF : 11890484922019.6/25

-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 :322998.4/8

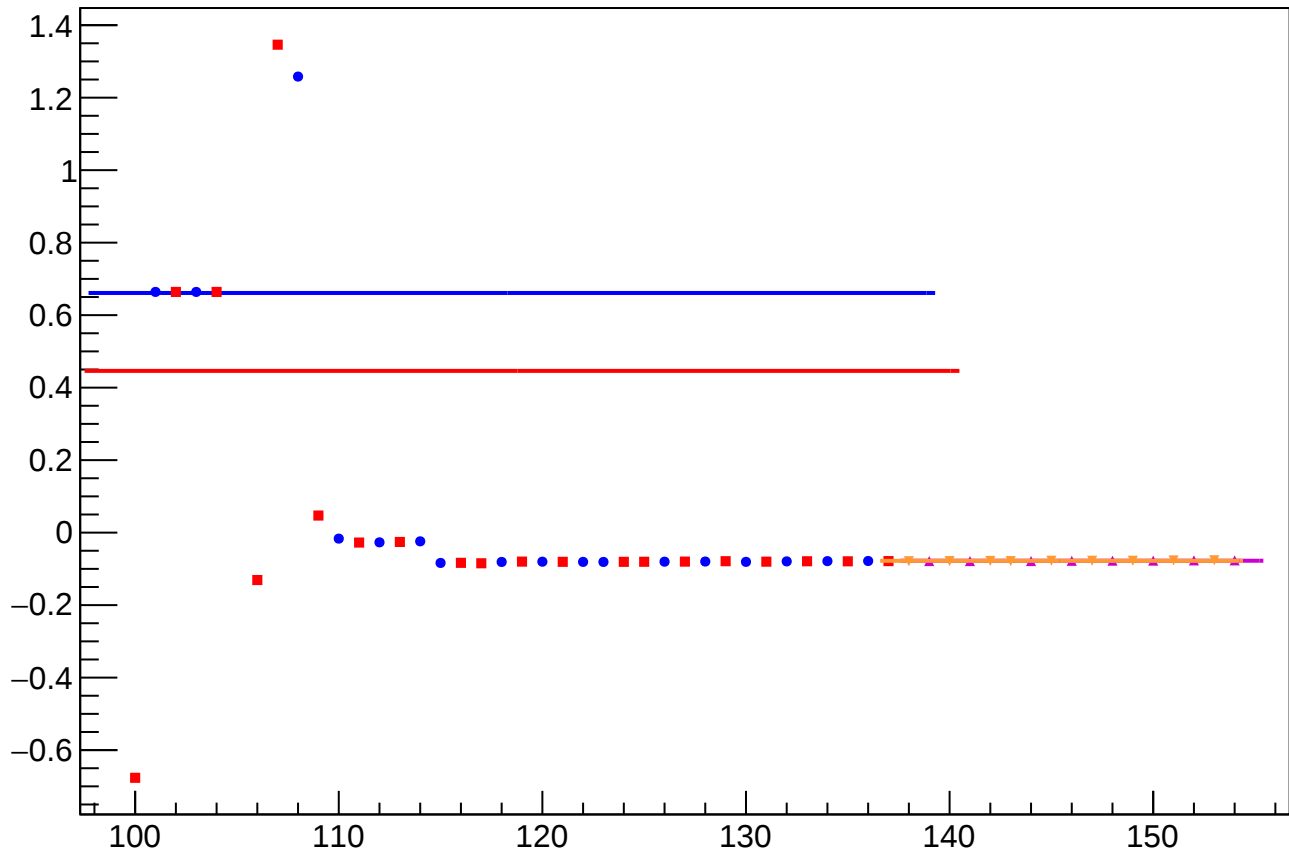
Right Out: 0.000+/-0.000 χ^2/NDF : 8854773.0/19

Left In: 0.009+/-0.000 χ^2/NDF :469438.4/7

0.000+/-0.000 χ^2/NDF : 18044596.7/25

0.000+/-0.000 χ^2/NDF : 19088832.9/27

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 : 12173205.5/8

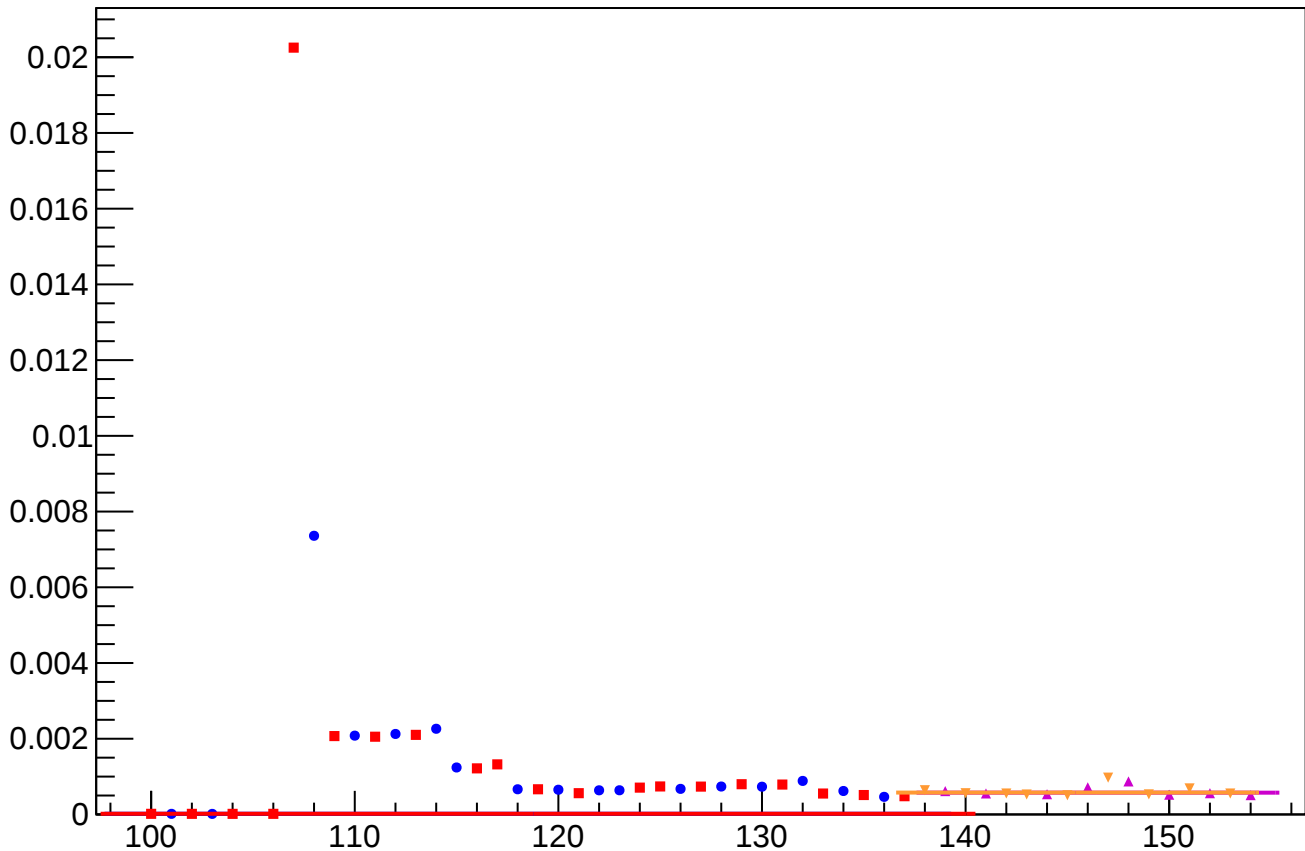
Right Out: 0.446+/-0.000 χ^2/NDF : 405423069582977.9/19

Left In: -0.078+/-0.000 χ^2/NDF : 11683186.9/7

0.656+/-0.000 χ^2/NDF : 15470865482454.5/25

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 :356551.9/8

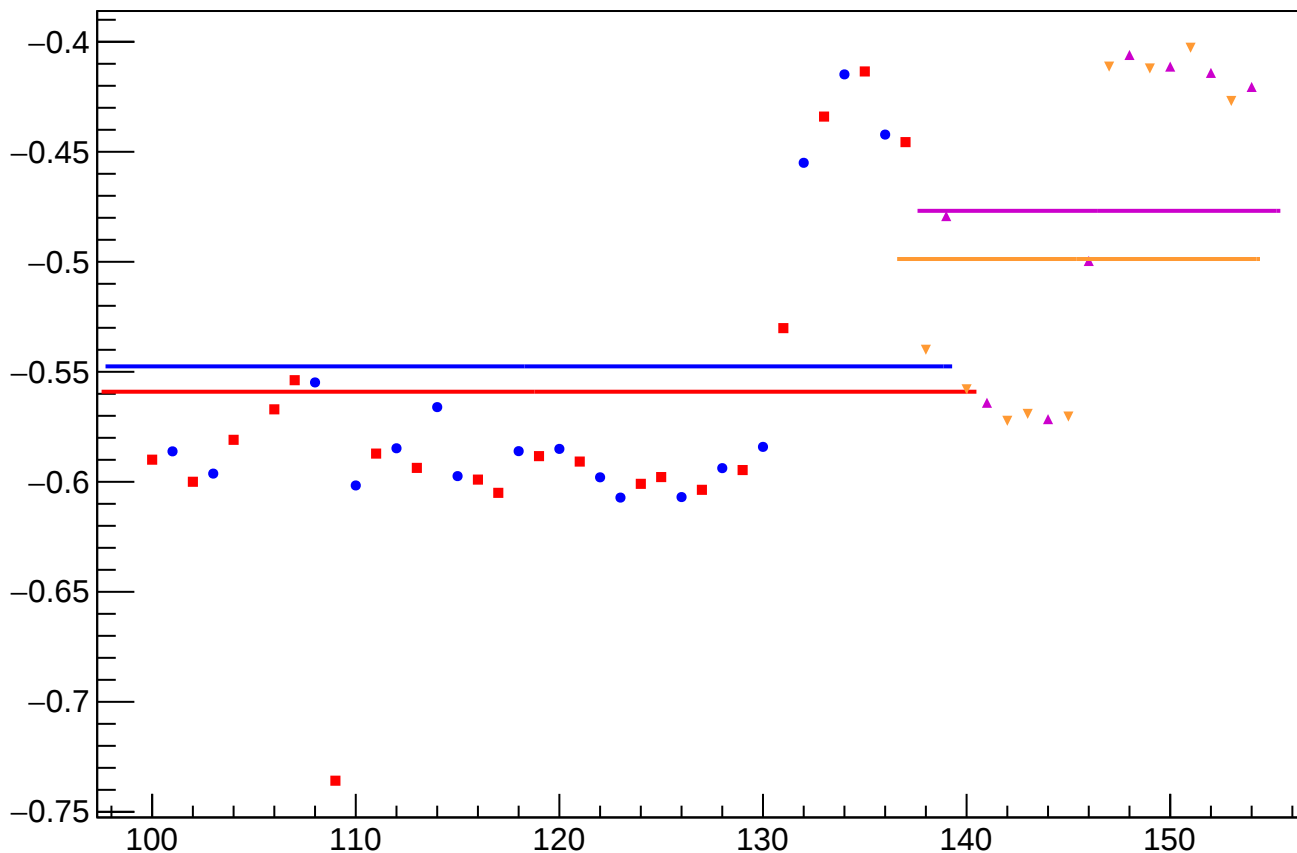
Right Out: 0.000+/-0.000 χ^2/NDF : 9555089.8/19

Left In: 0.001+/-0.000 χ^2/NDF :300405.5/7

0.000+/-0.000 χ^2/NDF : 21544730.9/25

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: -0.499 ± 0.000 χ^2/NDF : 73716101.8/8

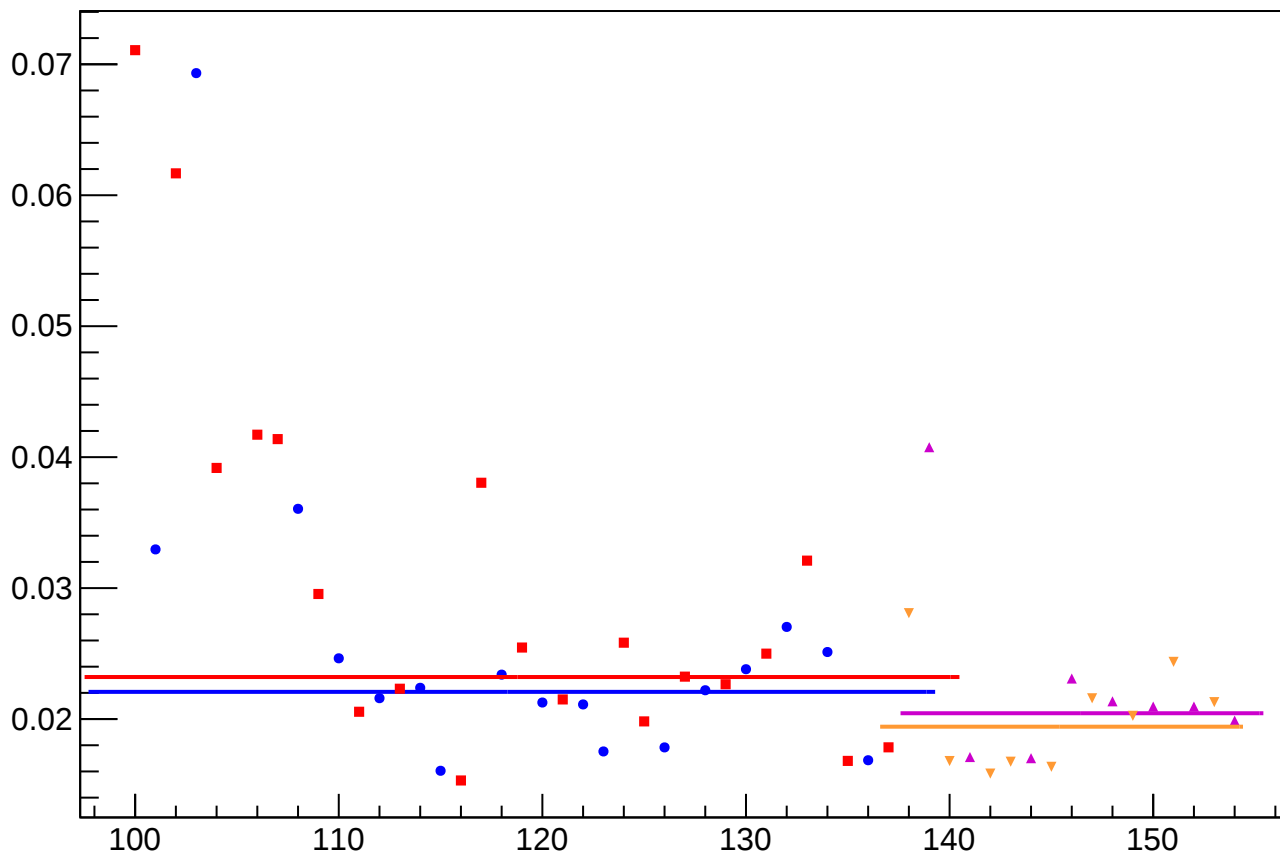
Right Out: -0.559 ± 0.000 χ^2/NDF : 65389755.0/19

Left In: -0.477 ± 0.000 χ^2/NDF : 60826452.4/7

-0.520 ± 0.000 χ^2/NDF : 136014025.5/25

-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: 0.019+/-0.000 χ^2/NDF : 311279.3/8

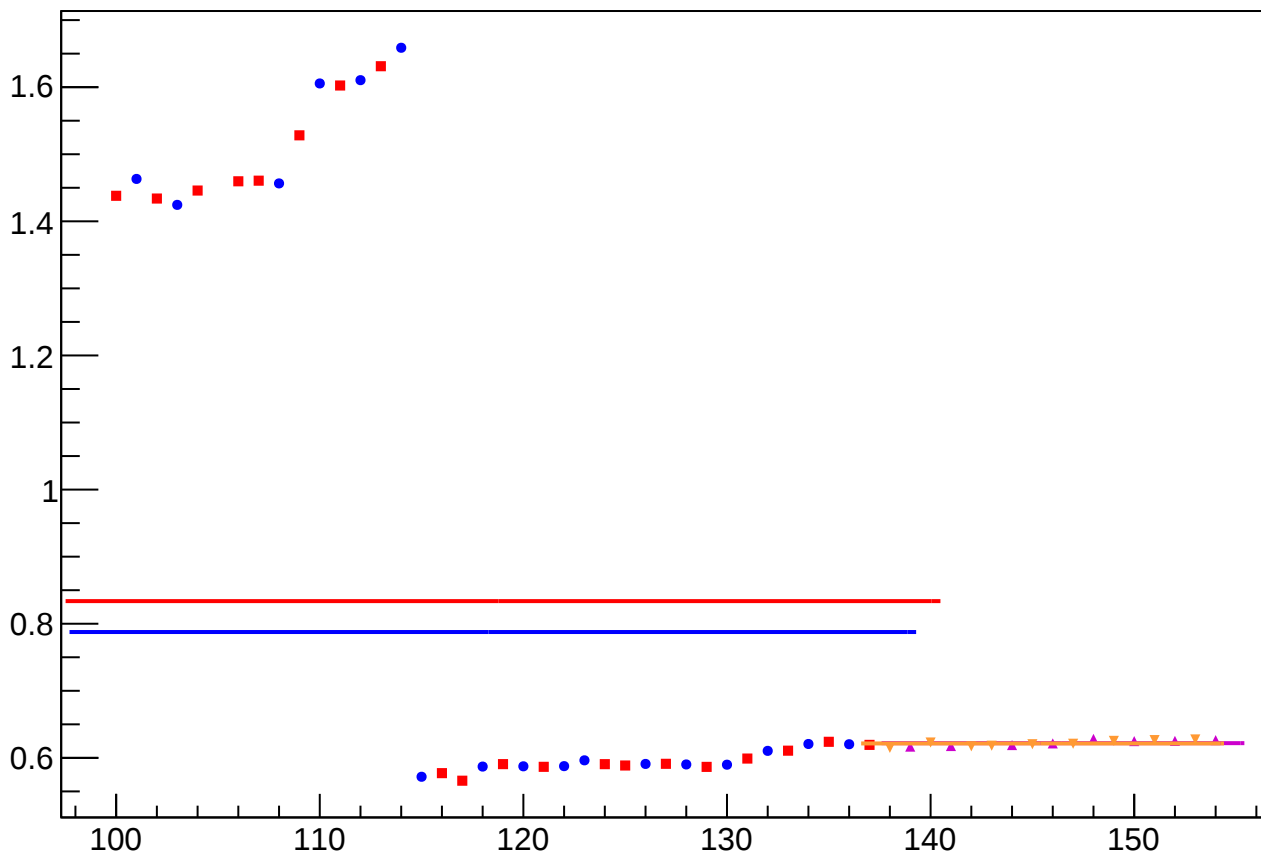
Right Out: 0.023+/-0.000 χ^2/NDF : 1169013.8/19

Left In: 0.020+/-0.000 χ^2/NDF : 475351.0/7

0.021+/-0.000 χ^2/NDF : 1347767.7/25

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:653674.6/8

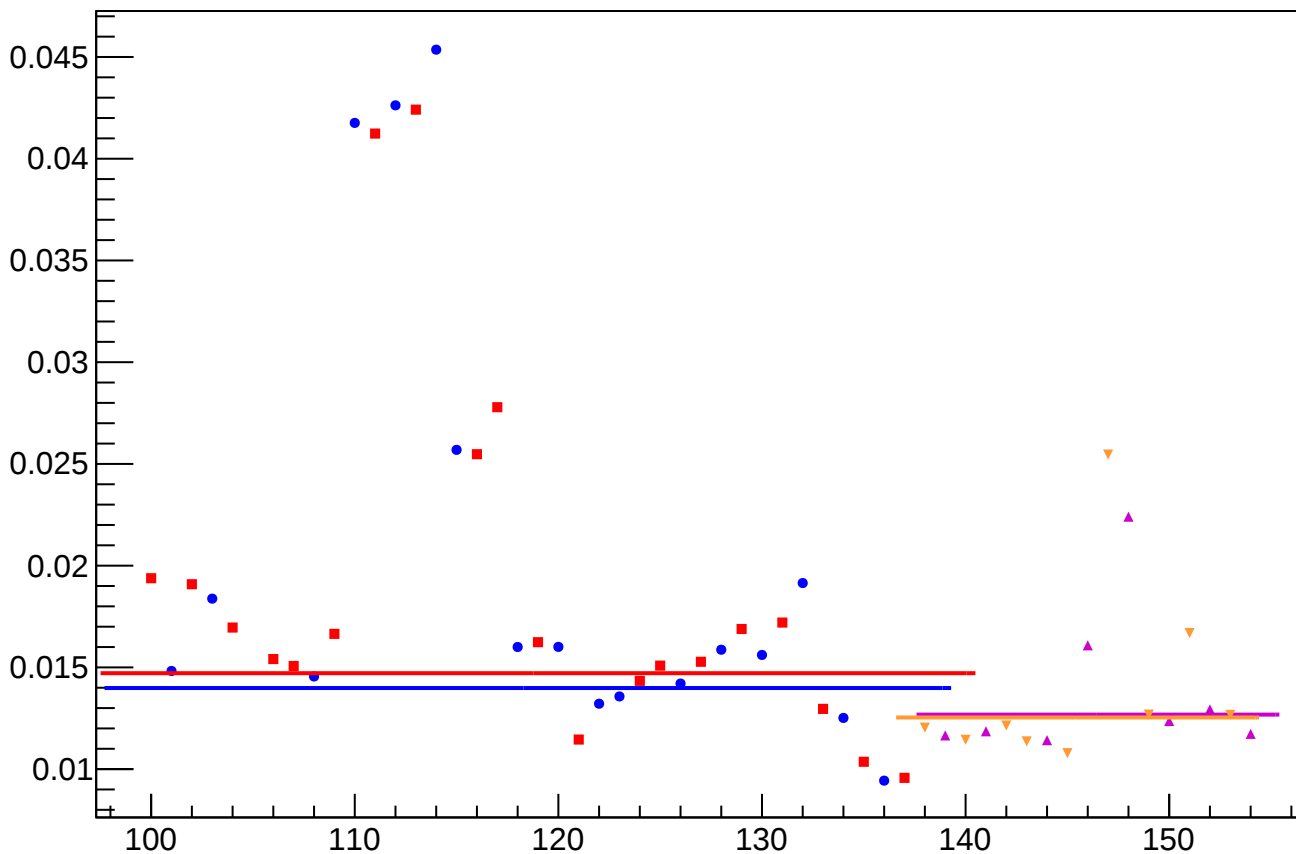
Right Out: 0.834 $\pm$ 0.000 χ^2 /NDF: 4155673215.9/19

Left In: 0.622 $\pm$ 0.000 χ^2 /NDF:589843.1/7

0.693 $\pm$ 0.000 χ^2 /NDF: 4035046908.4/25

0.711 $\pm$ 0.000 χ^2 /NDF: 4879326426.6/27

yield_bpm4aY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1398505.7/16

Left Out: 0.013+/-0.000 χ^2/NDF : 541438.7/8

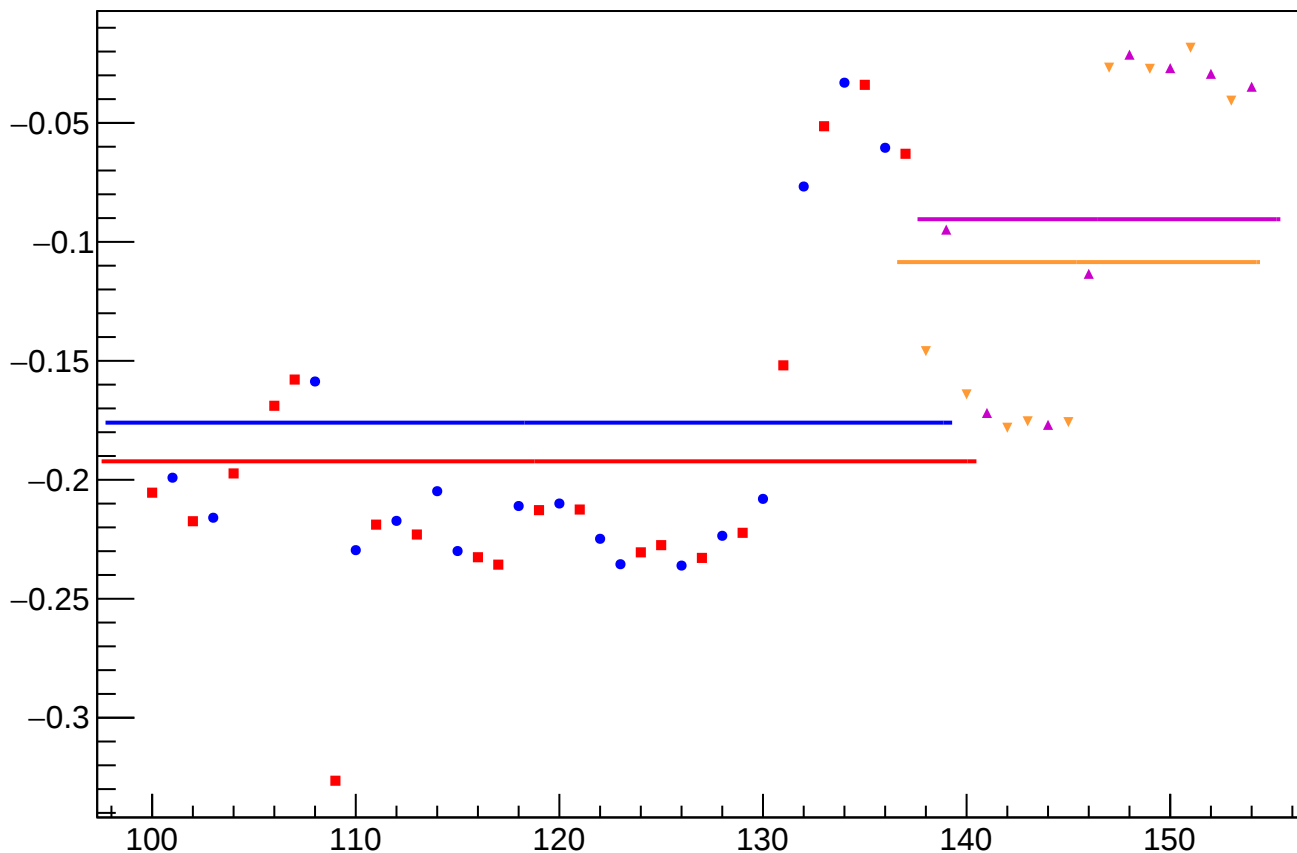
0.013+/-0.000 χ^2/NDF : 2008756.2/25

Right Out: 0.015+/-0.000 χ^2/NDF : 1275472.3/19

0.014+/-0.000 χ^2/NDF : 1811965.5/27

Left In: 0.013+/-0.000 χ^2/NDF : 402926.9/7

yield_bpm4eX_mean vs Slug



Right In: -0.176+/-0.000 χ^2/NDF : 70121069.1/16

Left Out: -0.108+/-0.000 χ^2/NDF : 71727038.9/8

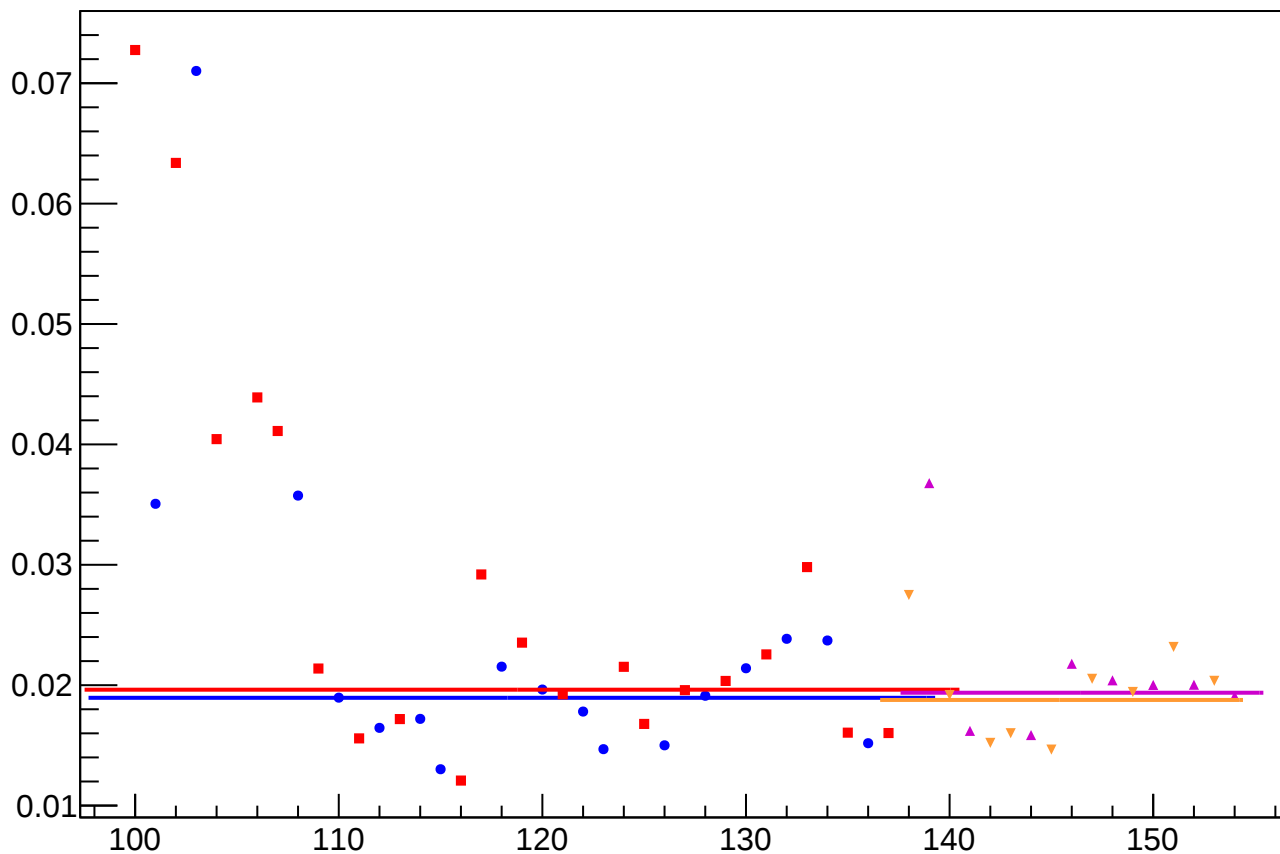
Right Out: -0.192+/-0.000 χ^2/NDF : 83343025.0/19

Left In: -0.090+/-0.000 χ^2/NDF : 61445257.5/7

-0.142+/-0.000 χ^2/NDF : 173720877.1/25

-0.141+/-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 : 338840.8/8

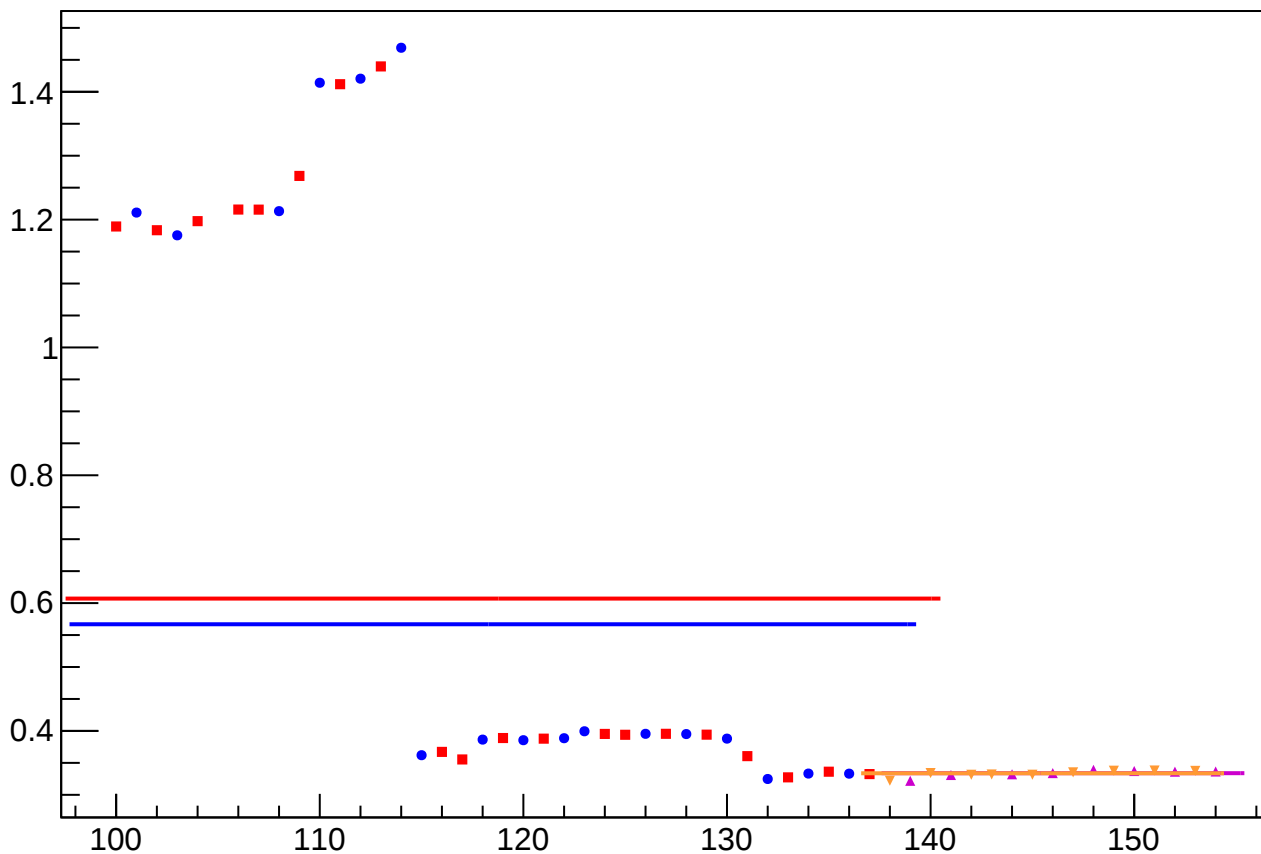
Right Out: 0.020+/-0.000 χ^2/NDF : 1463983.0/19

Left In: 0.019+/-0.000 χ^2/NDF : 452137.2/7

0.019+/-0.000 χ^2/NDF : 1542562.3/25

0.019+/-0.000 χ^2/NDF : 1916984.9/27

yield_bpm4eY_mean vs Slug



Right In: 0.567 $\pm$ 0.000 χ^2 /NDF: 5016913731.3/16

Left Out: 0.334 $\pm$ 0.000 χ^2 /NDF: 904530.6/8

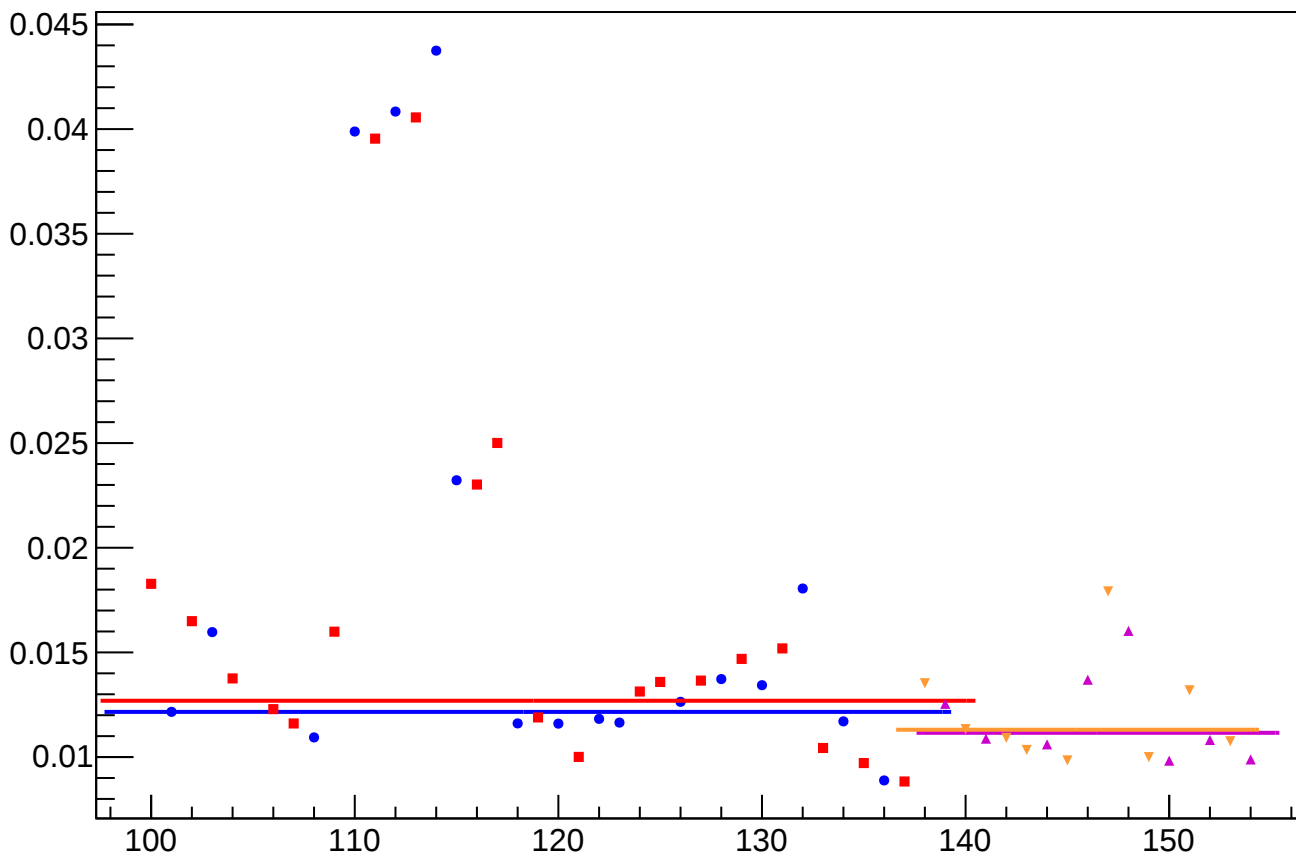
Right Out: 0.607 $\pm$ 0.000 χ^2 /NDF: 5509130775.3/19

Left In: 0.334 $\pm$ 0.000 χ^2 /NDF: 994014.7/7

0.437 $\pm$ 0.000 χ^2 /NDF: 6166254993.8/25

0.450 $\pm$ 0.000 χ^2 /NDF: 7087344094.1/27

yield_bpm4eY_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1307948.2/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 347450.8/8

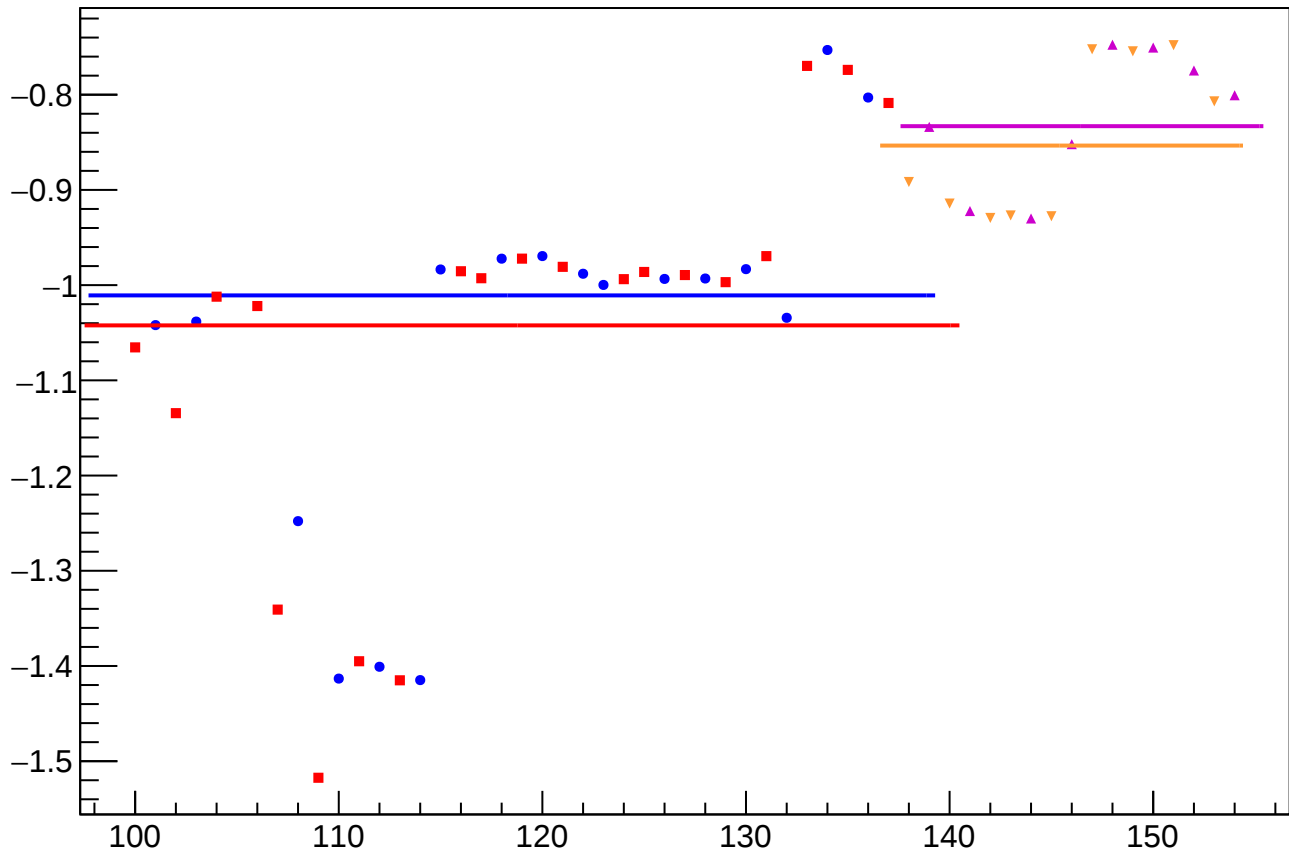
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1285911.2/19

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF: 276447.9/7

0.012 $\pm$ 0.000 χ^2 /NDF: 1686052.8/25

0.012 $\pm$ 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: -0.853 ± 0.000 χ^2/NDF : 85002383.7/8

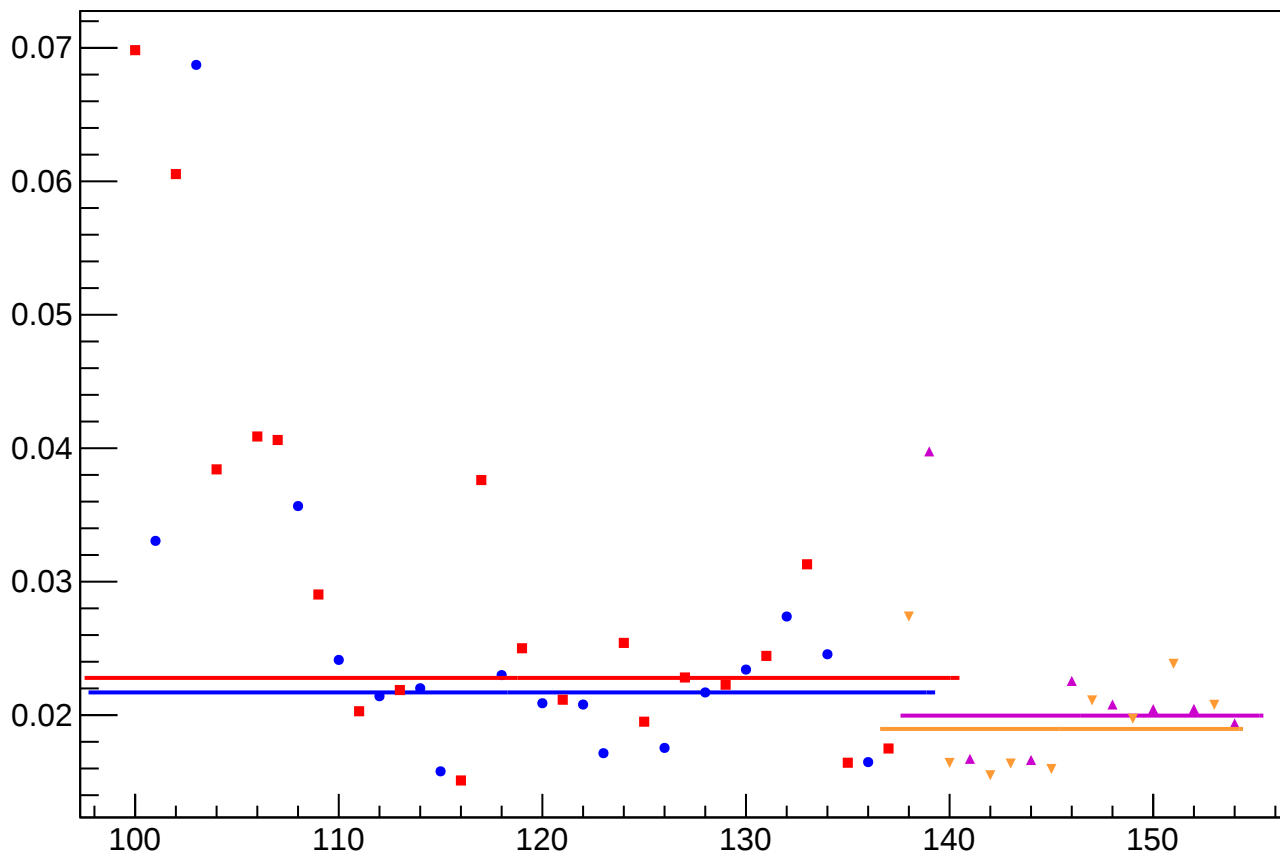
Right Out: -1.042 ± 0.000 χ^2/NDF : 529028760.6/19

Left In: -0.833 ± 0.000 χ^2/NDF : 68416368.9/7

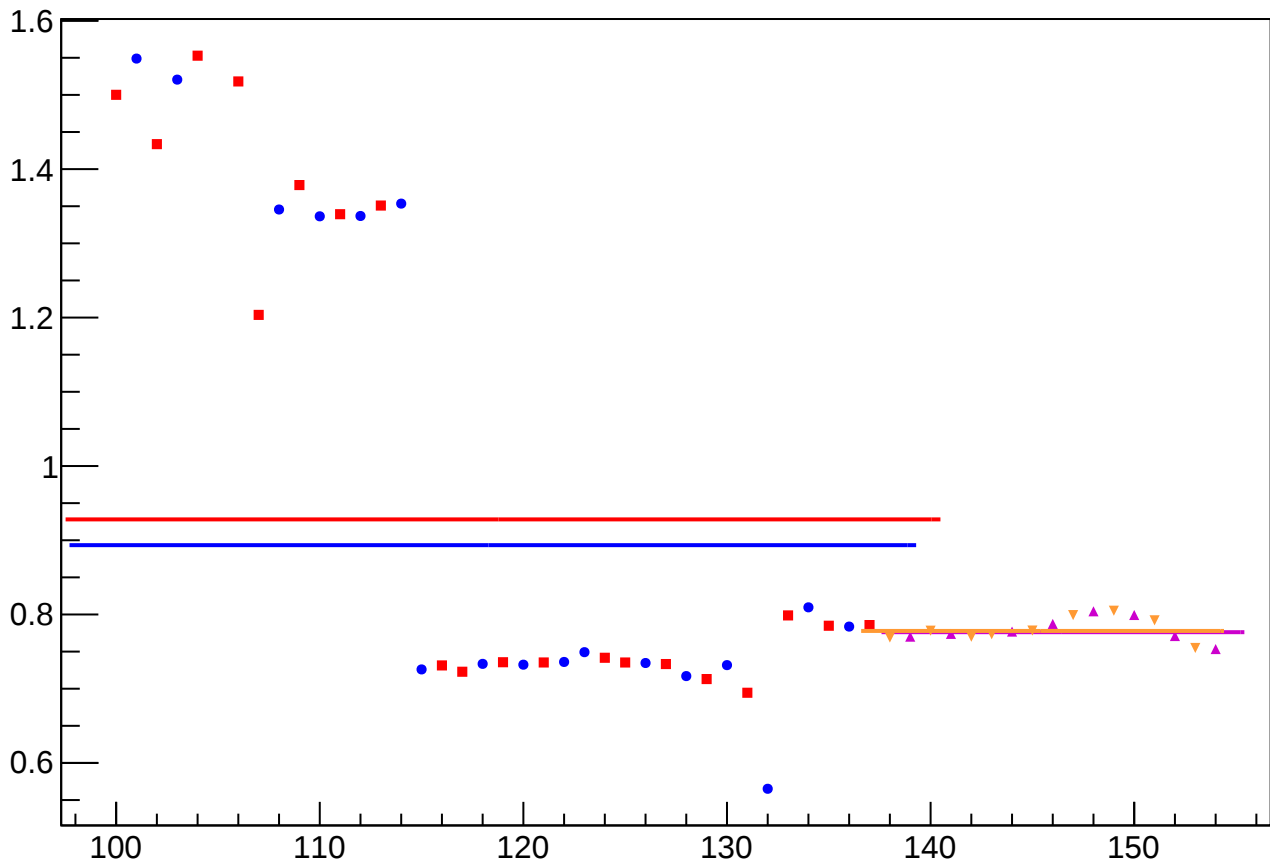
-0.922 ± 0.000 χ^2/NDF : 620847557.4/25

-0.926 ± 0.000 χ^2/NDF : 846739774.9/27

yield_bpm4acX_rms vs Slug



yield_bpm4acY_mean vs Slug



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.778+/-0.000 χ^2/NDF : 7910498.4/8

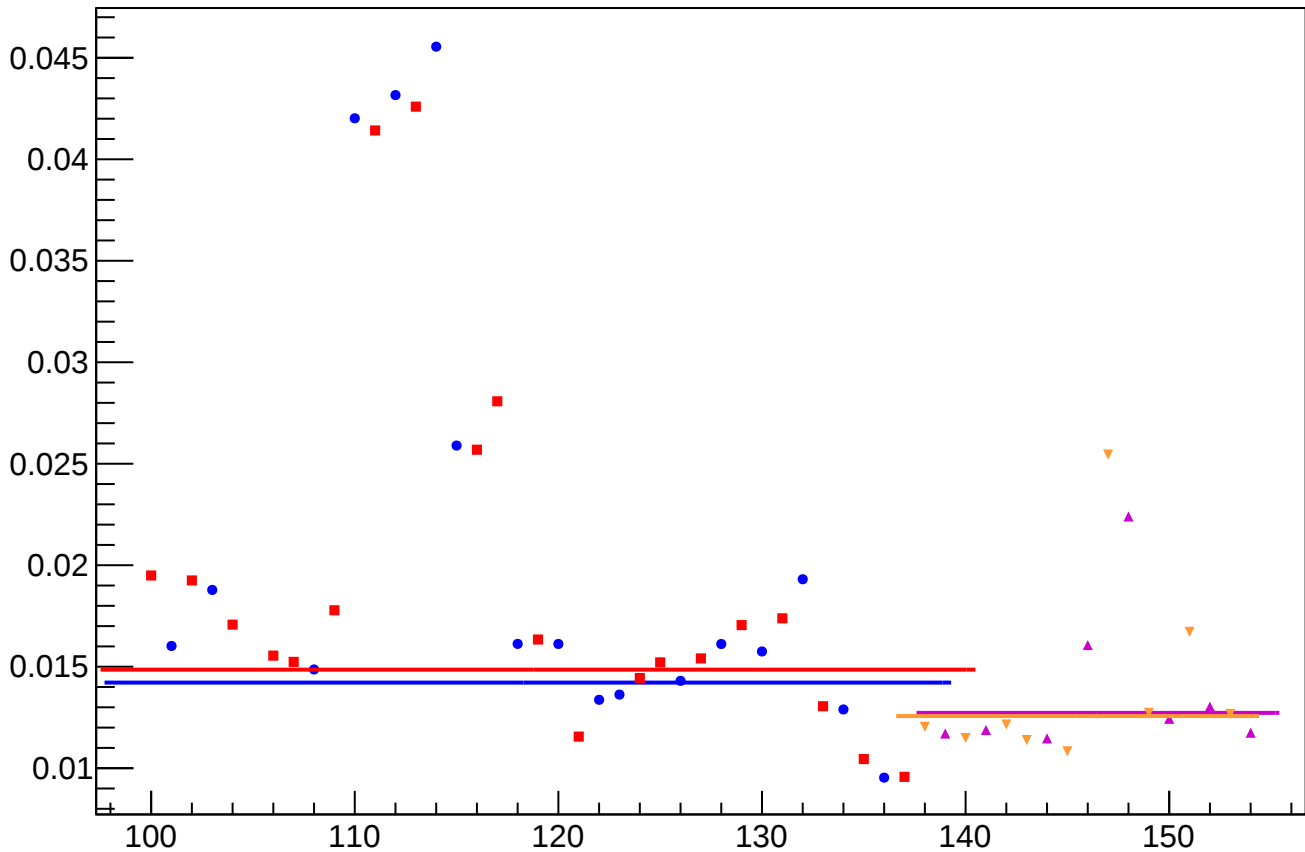
0.826+/-0.000 χ^2/NDF : 2629932326.6/25

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: 0.013 ± 0.000 χ^2/NDF : 537737.7/8

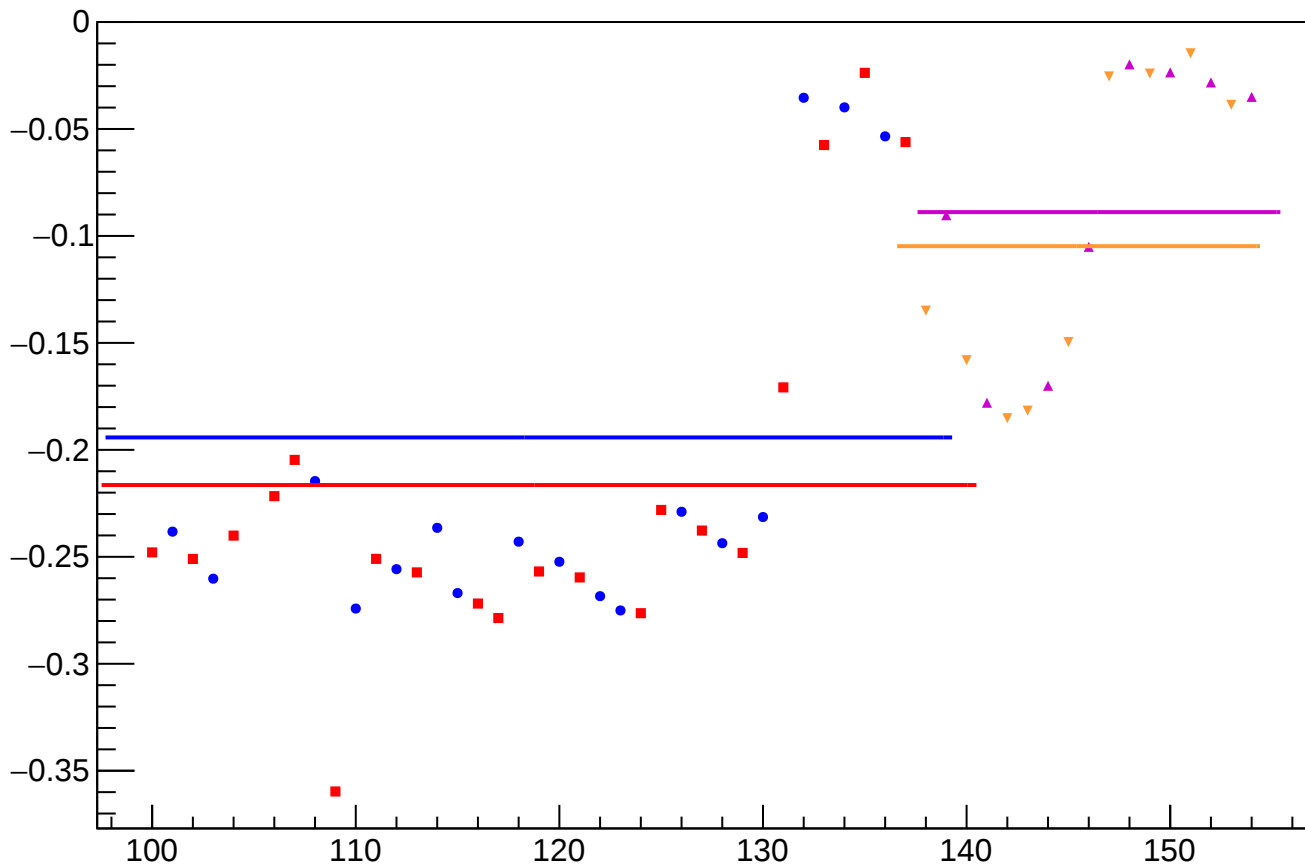
Right Out: 0.015 ± 0.000 χ^2/NDF : 1286513.9/19

Left In: 0.013 ± 0.000 χ^2/NDF : 398595.5/7

0.013 ± 0.000 χ^2/NDF : 2034484.1/25

0.014 ± 0.000 χ^2/NDF : 1829002.2/27

yield_bpm4ecX_mean vs Slug



Right In: -0.194+/-0.000 χ^2/NDF : 108425823.4/16

Left Out: -0.105+/-0.000 χ^2/NDF : 67975778.2/8

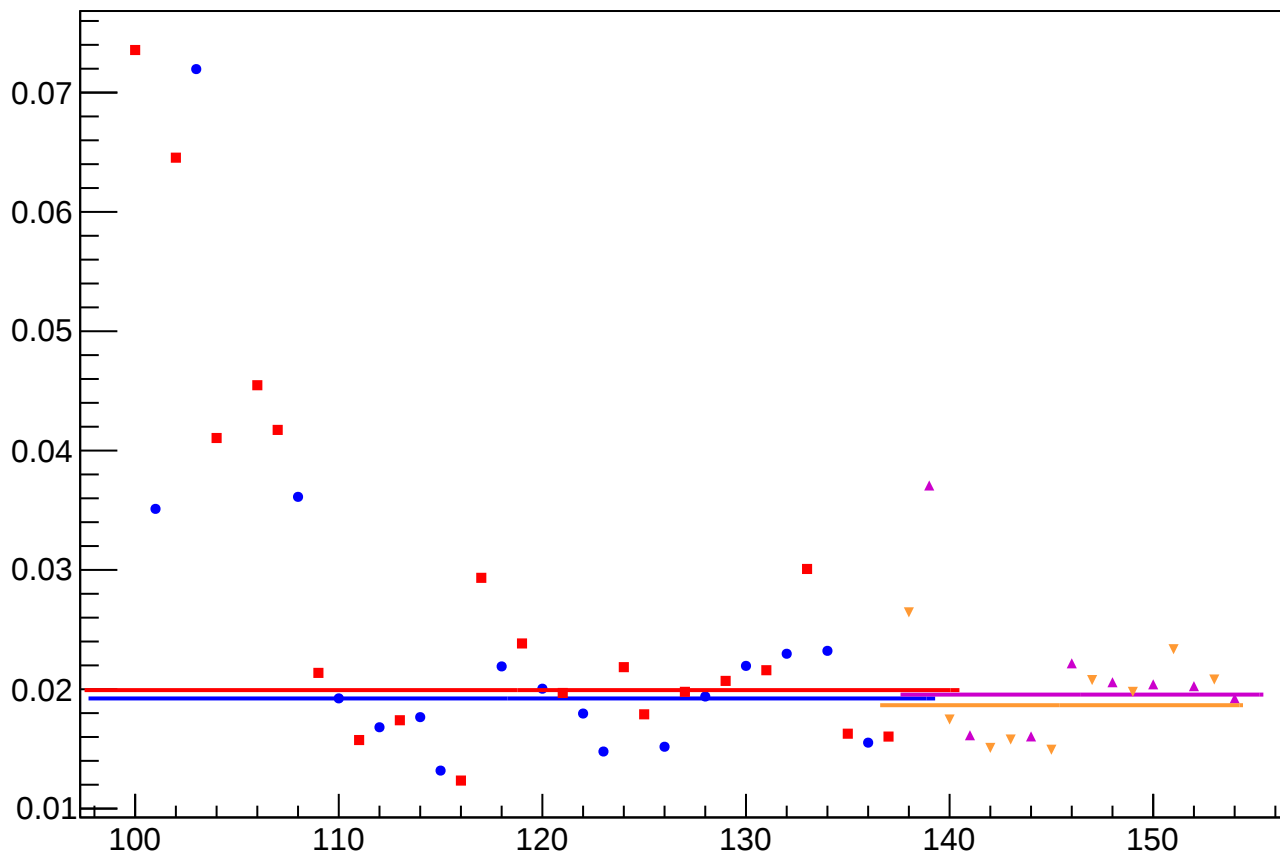
Right Out: -0.216+/-0.000 χ^2/NDF : 111217219.2/19

Left In: -0.089+/-0.000 χ^2/NDF : 60843706.3/7

-0.148+/-0.000 χ^2/NDF : 231639945.5/25

-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 : 328503.5/8

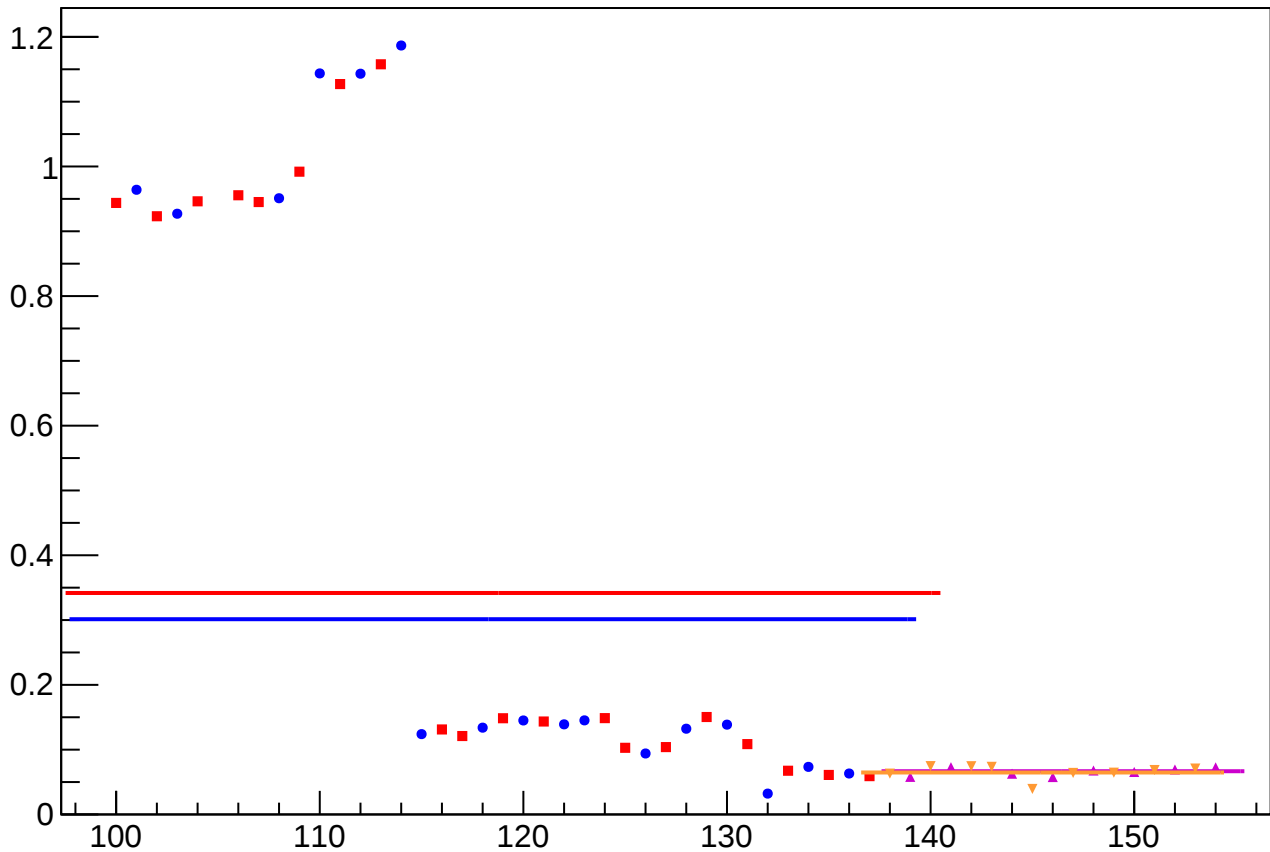
Right Out: 0.020+/-0.000 χ^2/NDF : 1452730.4/19

Left In: 0.020+/-0.000 χ^2/NDF : 459997.8/7

0.019+/-0.000 χ^2/NDF : 1507503.9/25

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: 0.065+/-0.000 χ^2/NDF : 6711766.8/8

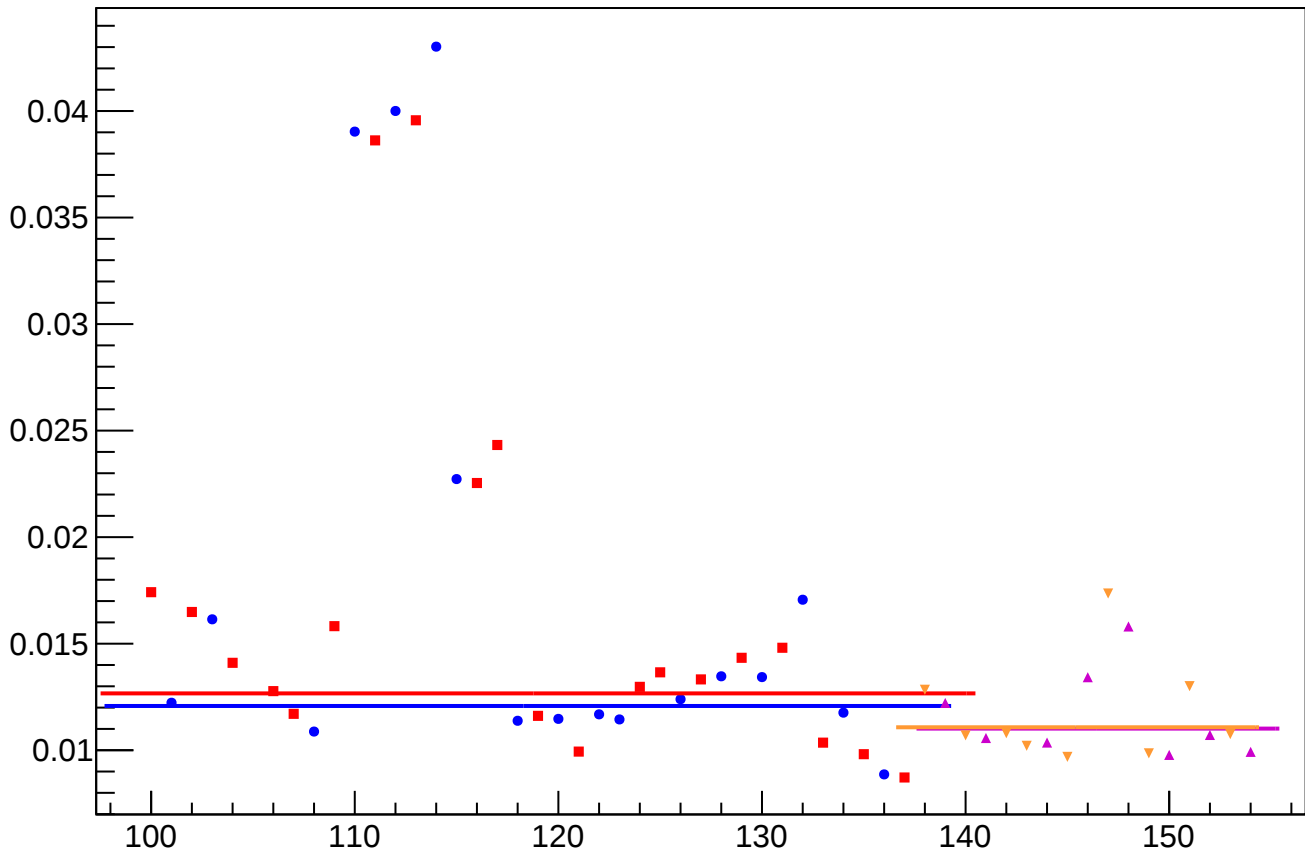
0.168+/-0.000 χ^2/NDF : 6375197709.5/25

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+/-0.000 χ^2/NDF : 1280342.2/16

Left Out: 0.011+/-0.000 χ^2/NDF :322280.5/8

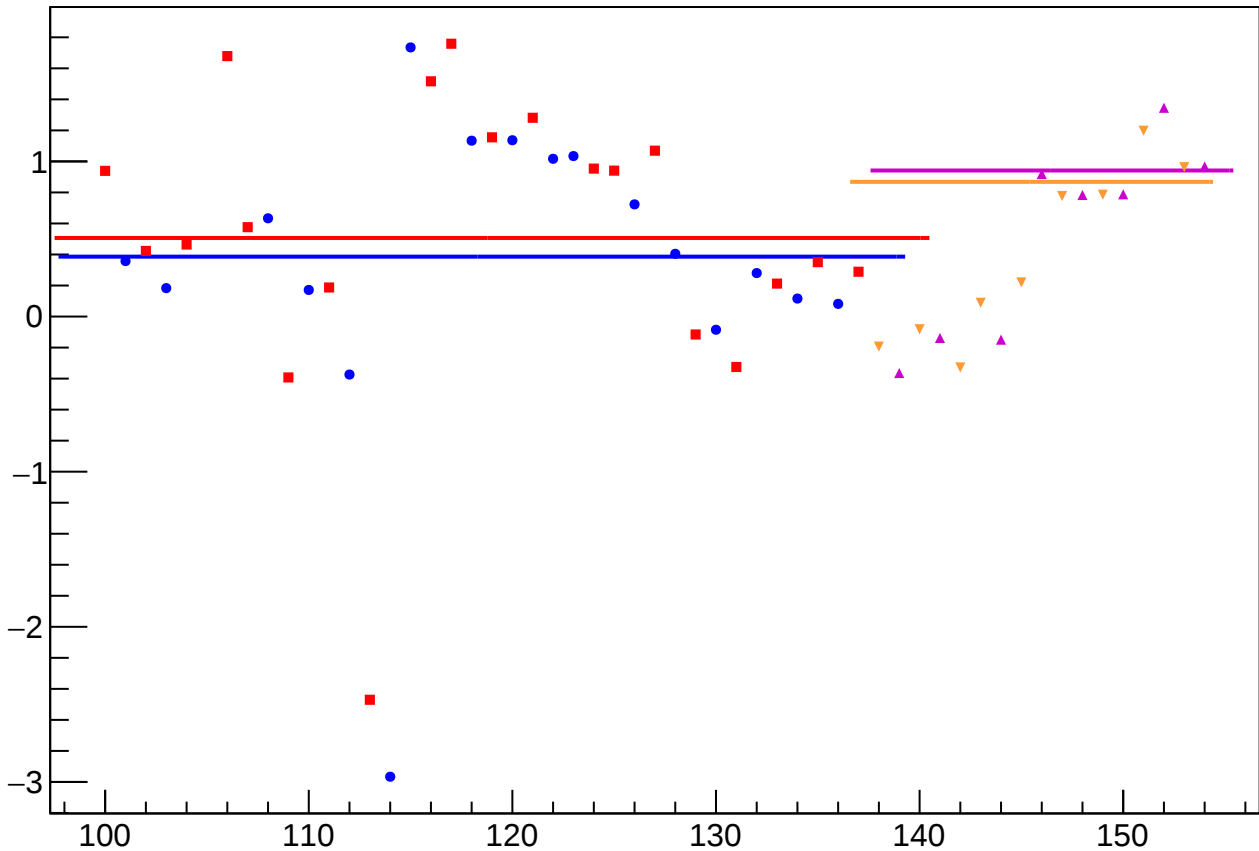
Right Out: 0.013+/-0.000 χ^2/NDF : 1253755.7/19

Left In: 0.011+/-0.000 χ^2/NDF :261687.3/7

0.012+/-0.000 χ^2/NDF : 1646022.9/25

0.012+/-0.000 χ^2/NDF : 1632465.8/27

yield_bpm1X_mean vs Slug



Right In: 0.386 $\pm$ 0.000 χ^2 /NDF: 246380221.7/16

Left Out: 0.868 $\pm$ 0.000 χ^2 /NDF:668618618.1/8

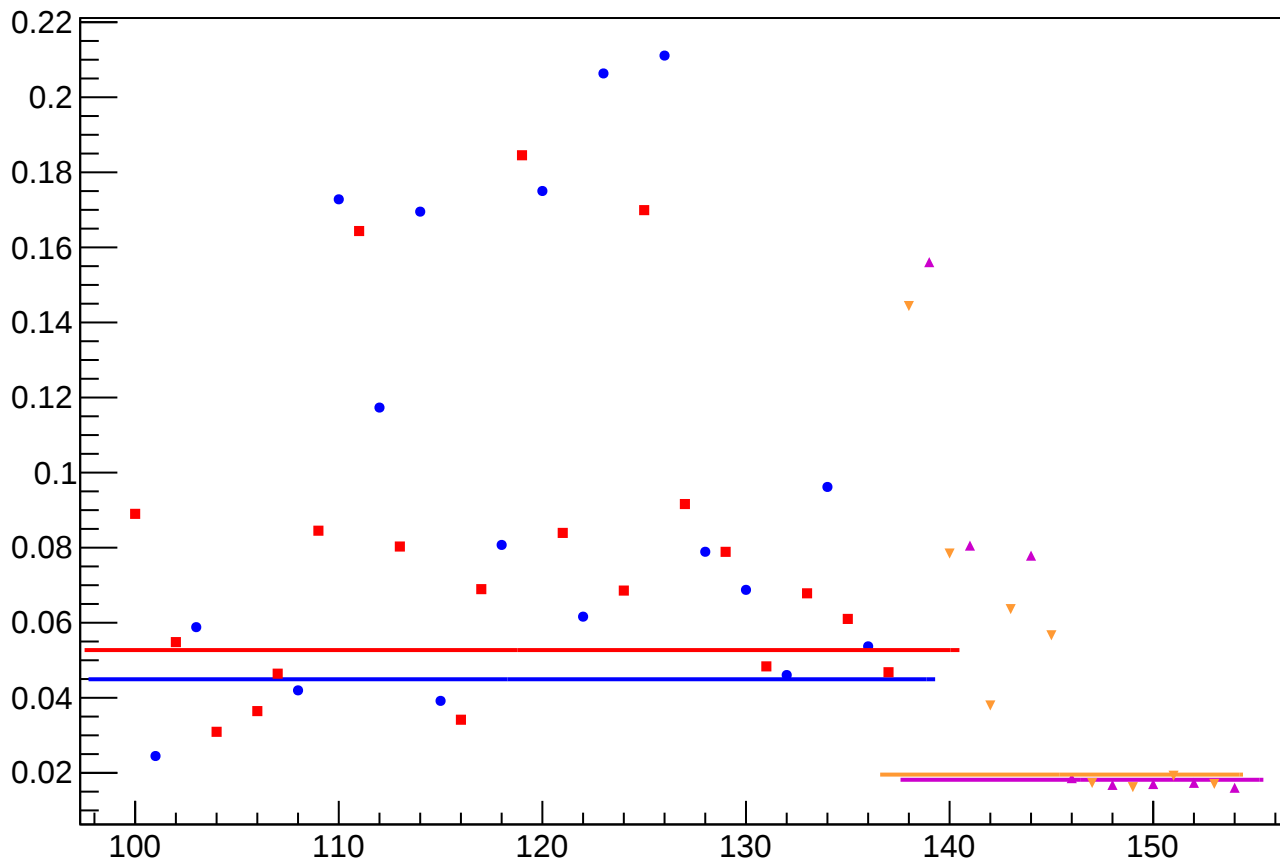
0.796 $\pm$ 0.000 χ^2 /NDF: 1260041738.7/25

Right Out: 0.507 $\pm$ 0.000 χ^2 /NDF: 995373603.6/19

0.894 $\pm$ 0.000 χ^2 /NDF: 1995105200.9/27

Left In: 0.941 $\pm$ 0.000 χ^2 /NDF:747575363.6/7

yield_bpm1X_rms vs Slug



Right In: 0.045+/-0.000 χ^2/NDF : 2788348.6/16

Left Out: 0.020+/-0.000 χ^2/NDF :2516851.1/8

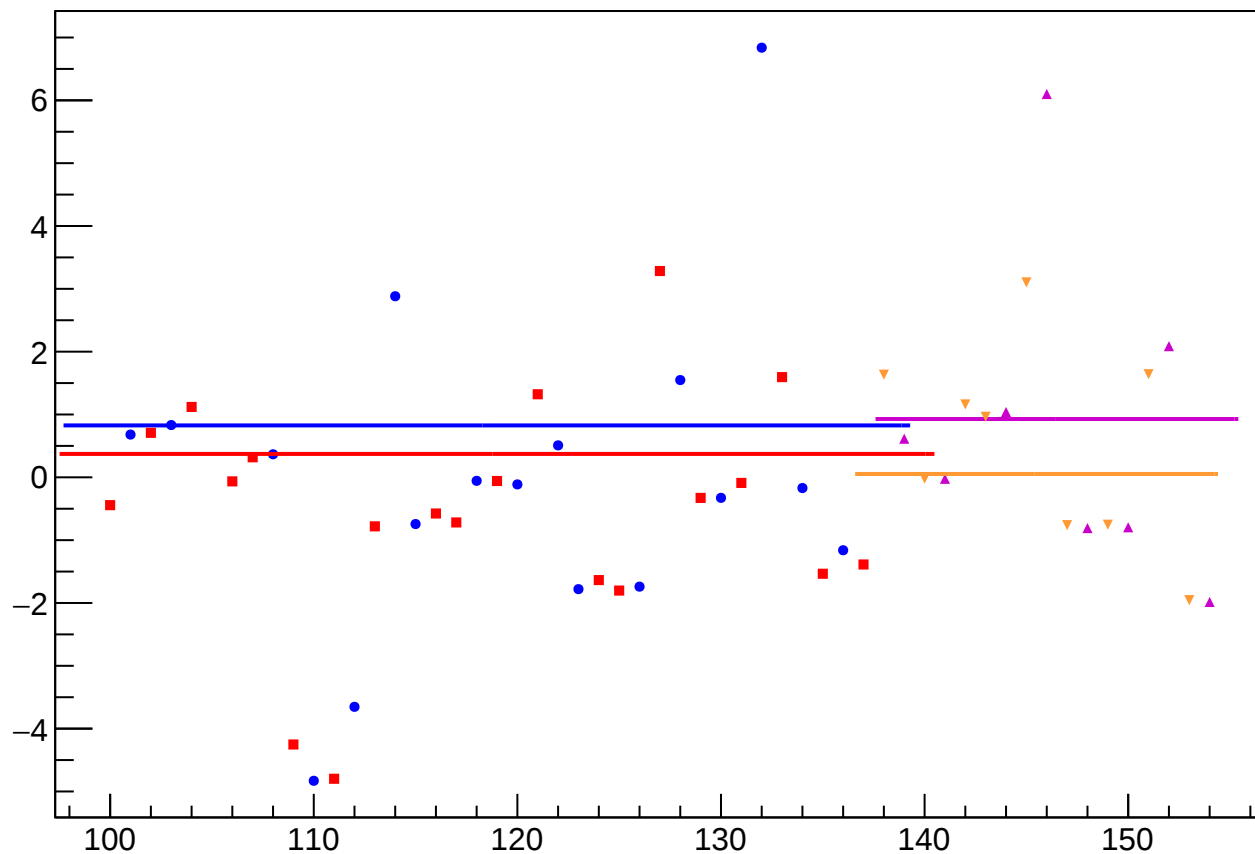
Right Out: 0.053+/-0.000 χ^2/NDF : 2195781.8/19

Left In: 0.018+/-0.000 χ^2/NDF :2235850.7/7

0.023+/-0.000 χ^2/NDF : 7219680.2/25

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: 0.053+/-0.000 χ^2/NDF : 51017921847.3/8

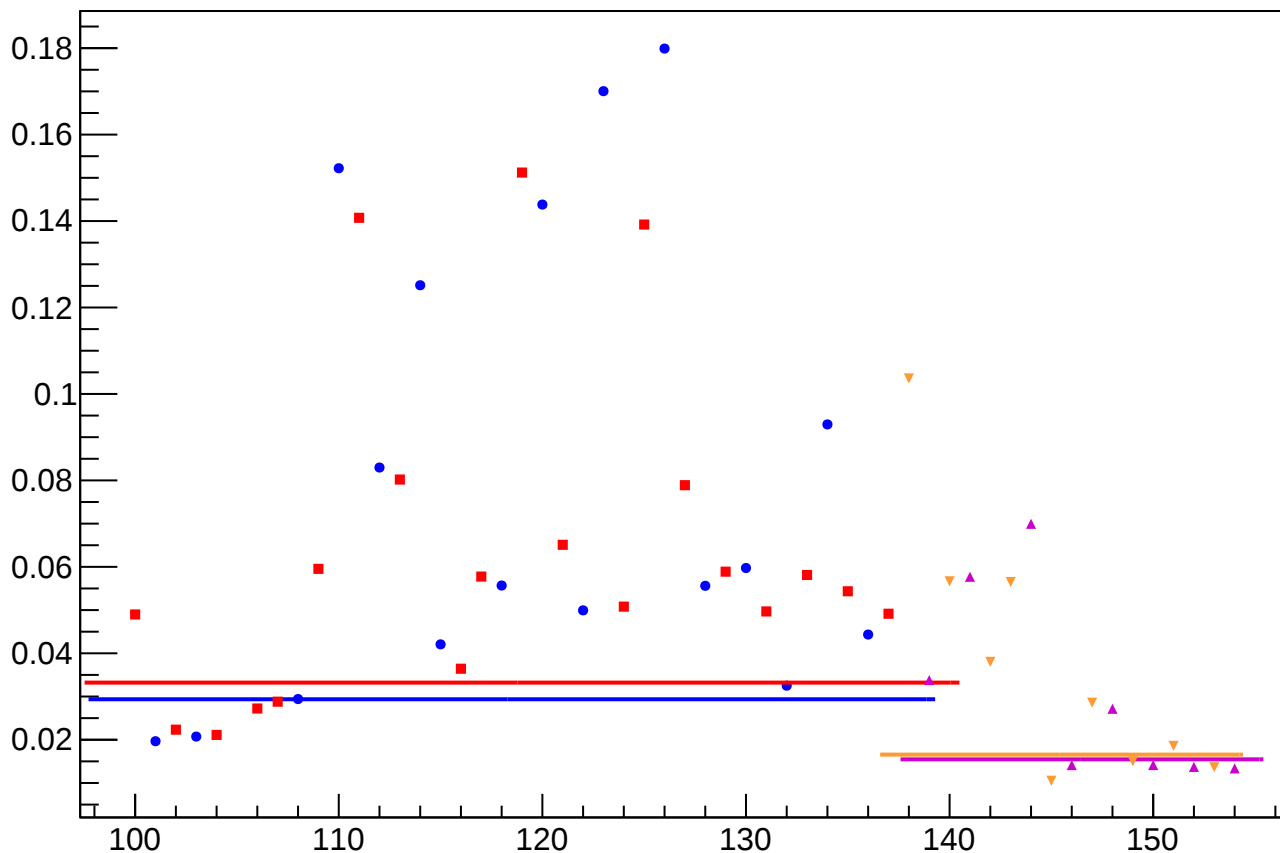
Right Out: 0.372+/-0.000 χ^2/NDF : 4960201861.0/19

Left In: 0.928+/-0.000 χ^2/NDF : 153661871075.1/7

0.223+/-0.000 χ^2/NDF : 63795299098.2/25

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: 0.017+/-0.000 χ^2/NDF :2436515.1/8

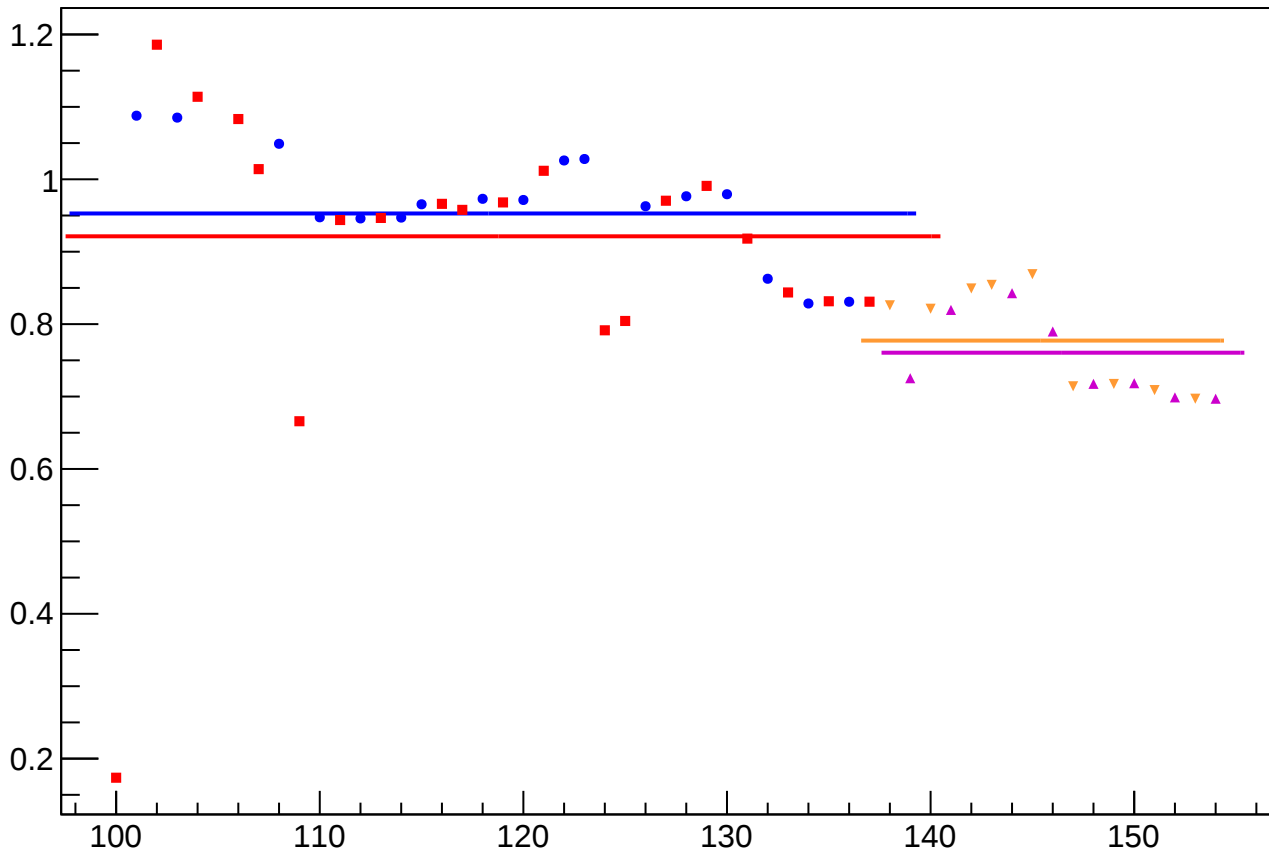
Right Out: 0.033+/-0.000 χ^2/NDF : 3112299.1/19

Left In: 0.015+/-0.000 χ^2/NDF :1668416.0/7

0.019+/-0.000 χ^2/NDF : 6429734.1/25

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: 0.777+/-0.000 χ^2/NDF :170021643.0/8

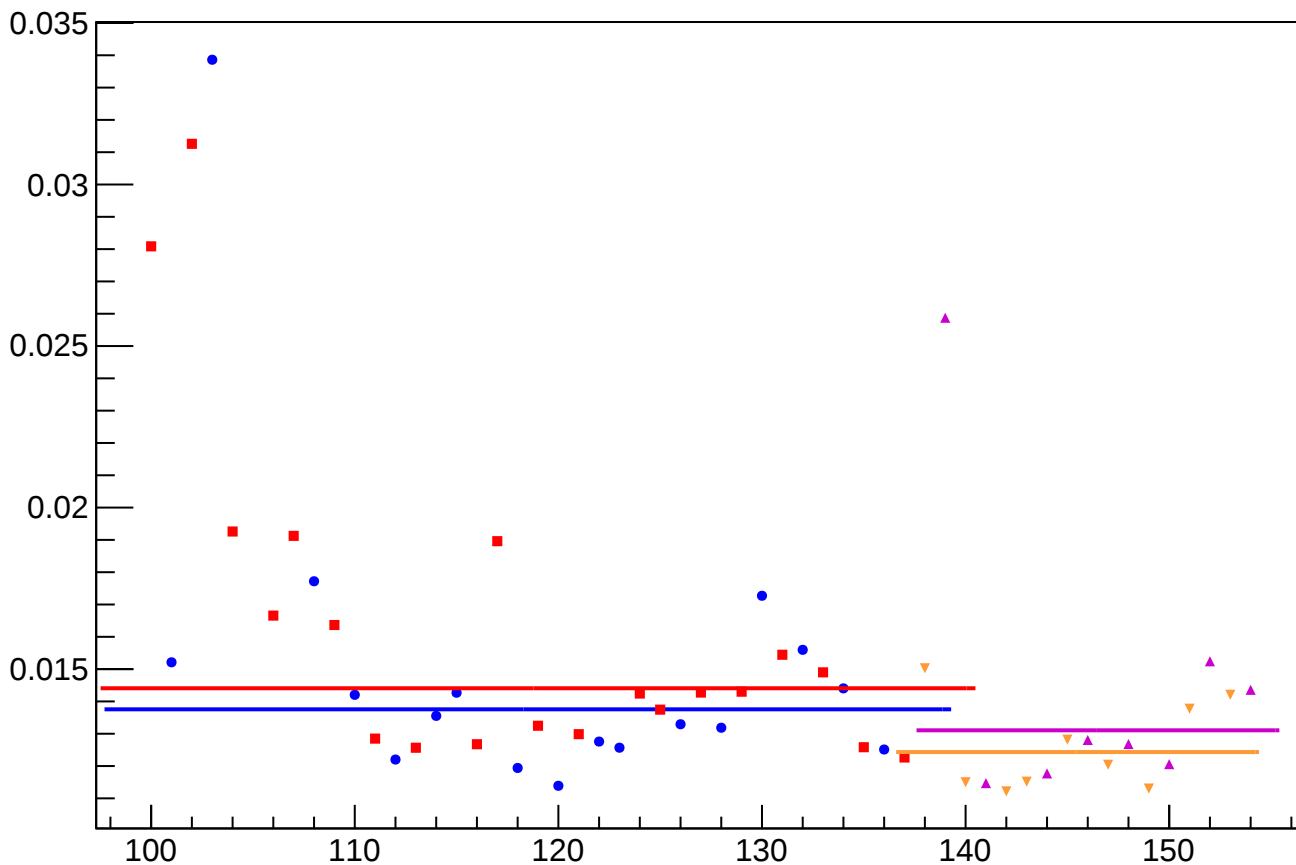
0.857+/-0.000 χ^2/NDF : 856519012.7/25

Right Out: 0.921+/-0.000 χ^2/NDF : 374306248.8/19

0.836+/-0.000 χ^2/NDF : 885104867.7/27

Left In: 0.761+/-0.000 χ^2/NDF :106701214.8/7

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 538469.4/16

Left Out: 0.012+/-0.000 χ^2/NDF :112914.3/8

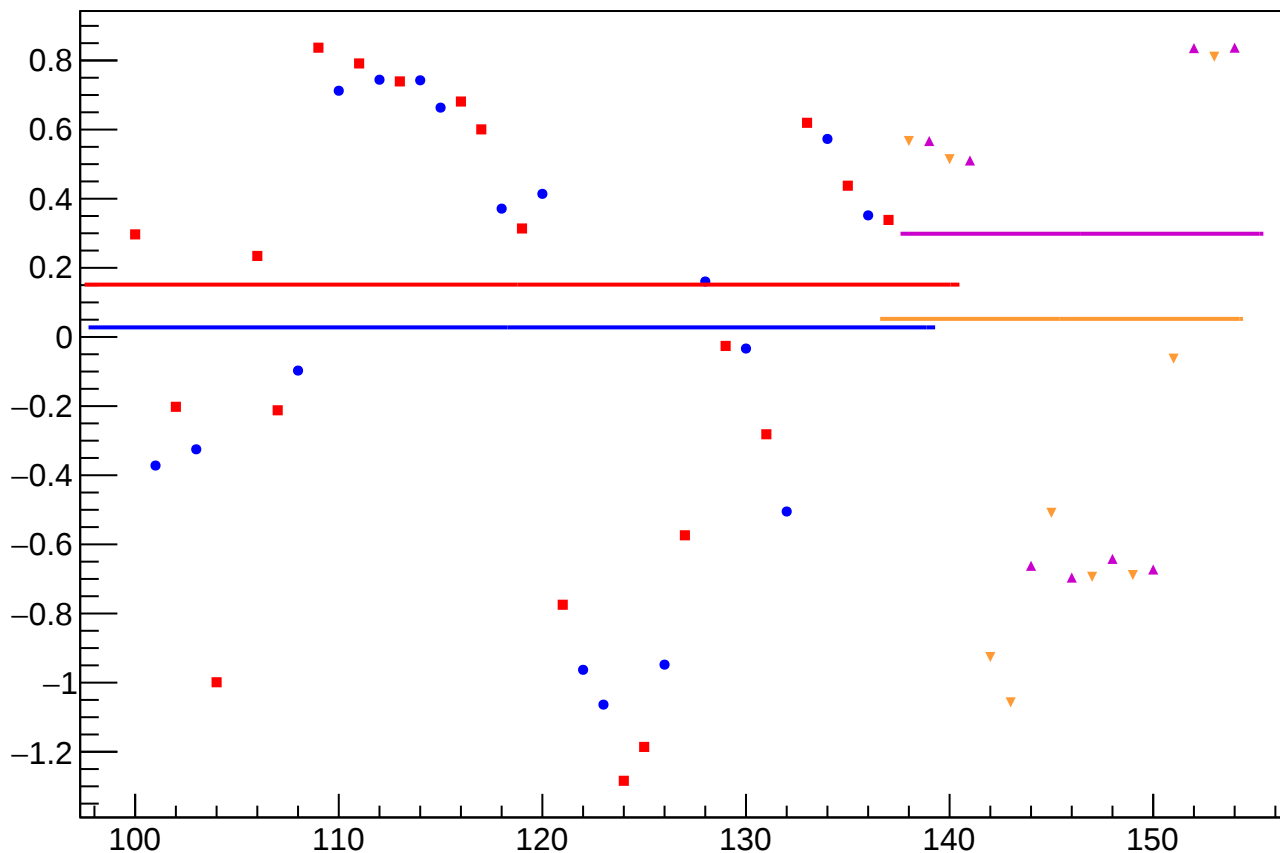
Right Out: 0.014+/-0.000 χ^2/NDF : 508622.9/19

Left In: 0.013+/-0.000 χ^2/NDF :445294.3/7

0.013+/-0.000 χ^2/NDF : 709385.7/25

0.014+/-0.000 χ^2/NDF : 1006930.9/27

yield_bpm11Y_mean vs Slug



Right In: 0.028+/-0.000 χ^2/NDF : 6276955529.7/16

Left Out: 0.052+/-0.000 χ^2/NDF :19037326169.5/8

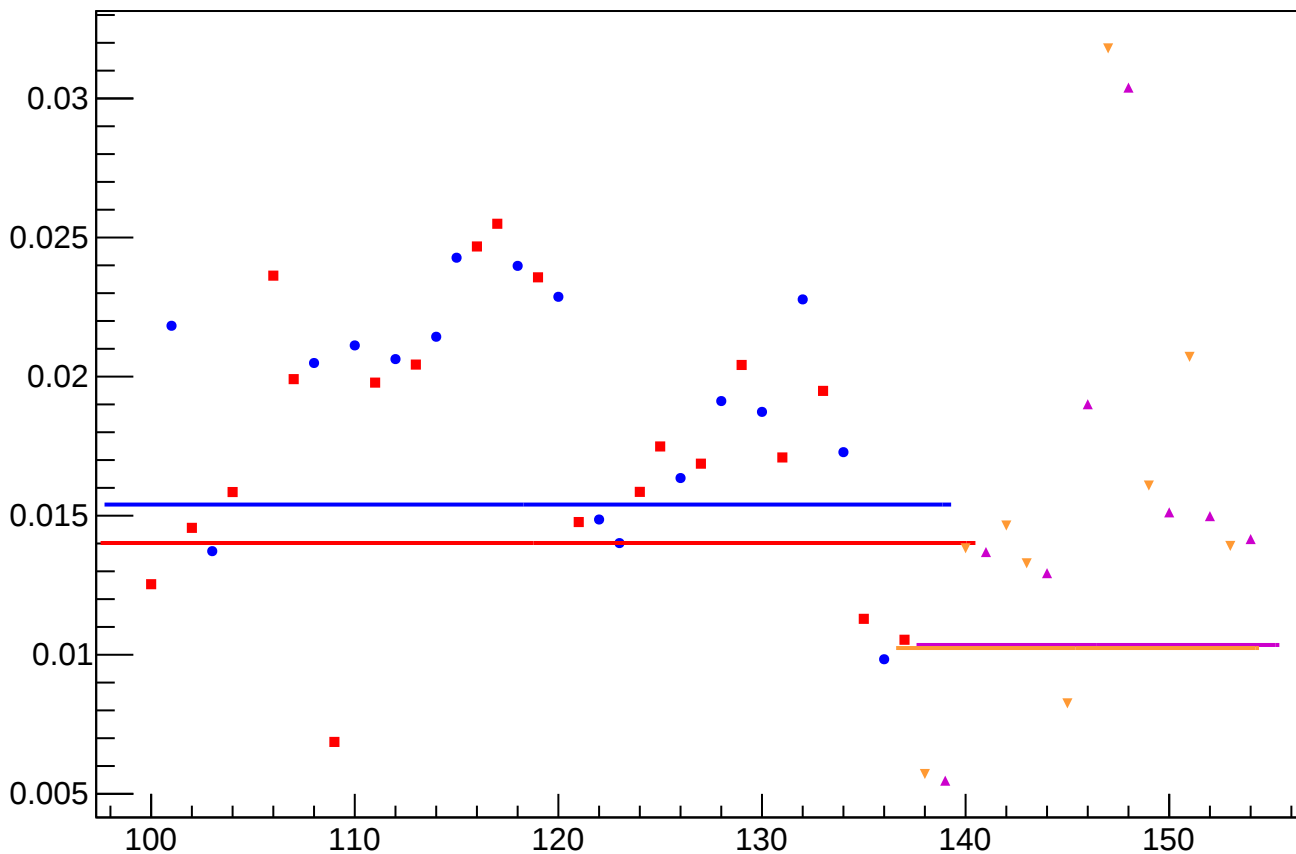
Right Out: 0.152+/-0.000 χ^2/NDF : 12665480117.0/19

Left In: 0.299+/-0.000 χ^2/NDF :14770440695.0/7

0.044+/-0.000 χ^2/NDF : 25323708782.1/25

0.242+/-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: 0.010+/-0.000 χ^2/NDF :2417832.9/8

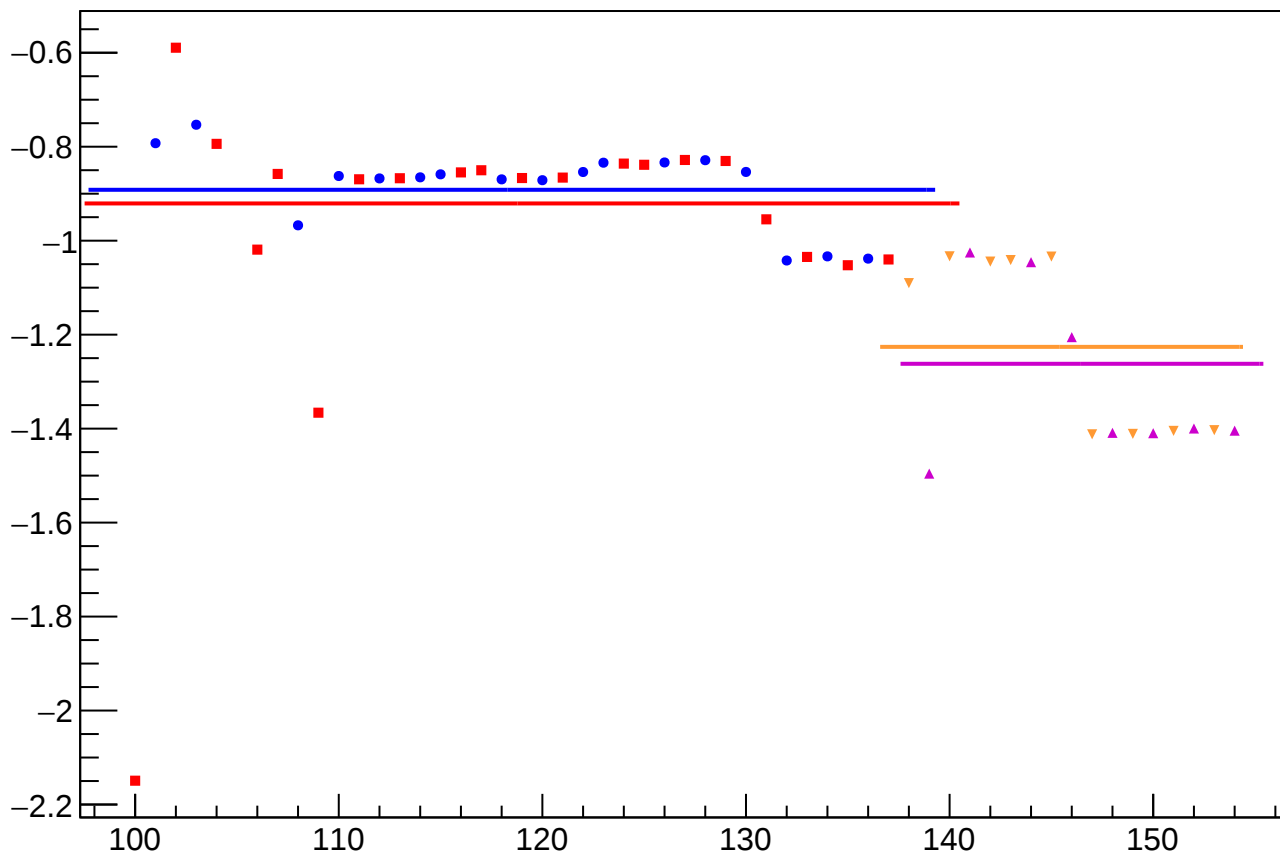
Right Out: 0.014+/-0.000 χ^2/NDF : 1576882.7/19

Left In: 0.010+/-0.000 χ^2/NDF :2628210.4/7

0.012+/-0.000 χ^2/NDF : 4388576.4/25

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: -1.226+/-0.000 χ^2/NDF : 185757060.8/8

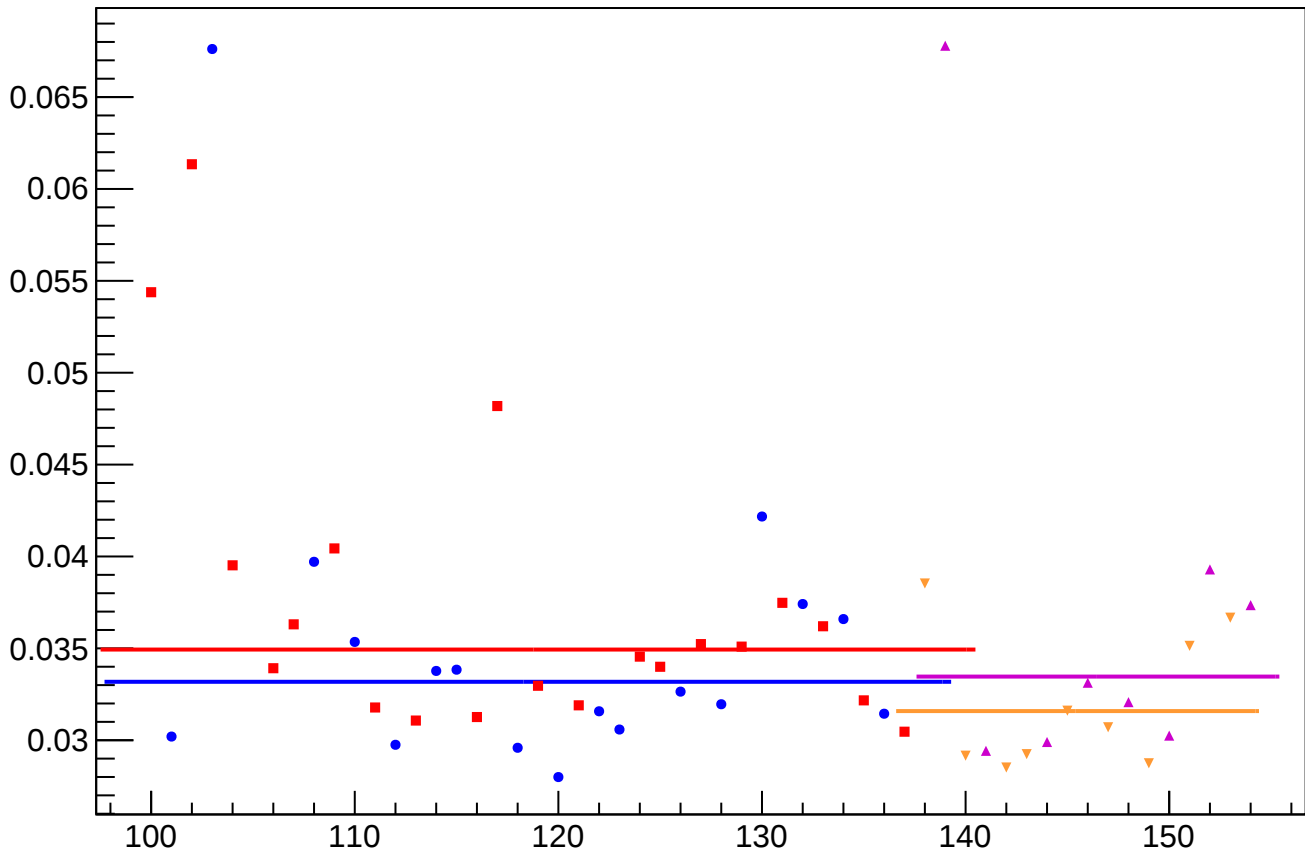
Right Out: -0.921+/-0.000 χ^2/NDF : 131248005.3/19

Left In: -1.262+/-0.000 χ^2/NDF : 149770124.7/7

-1.064+/-0.000 χ^2/NDF : 529066348.7/25

-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 :120718.9/8

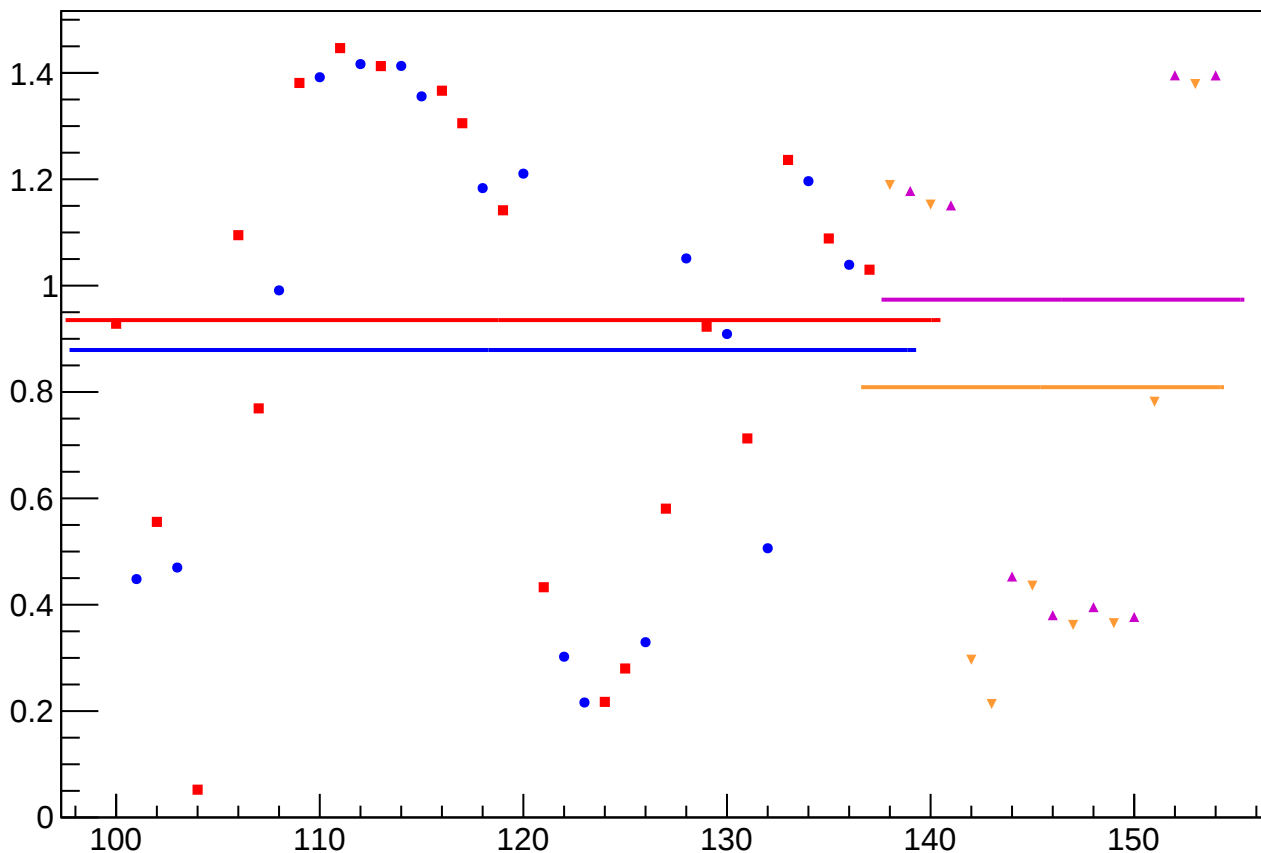
Right Out: 0.035+/-0.000 χ^2/NDF : 281256.5/19

Left In: 0.033+/-0.000 χ^2/NDF :477466.9/7

0.032+/-0.000 χ^2/NDF : 534624.5/25

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: 0.809+/-0.000 χ^2/NDF : 15070480738.7/8

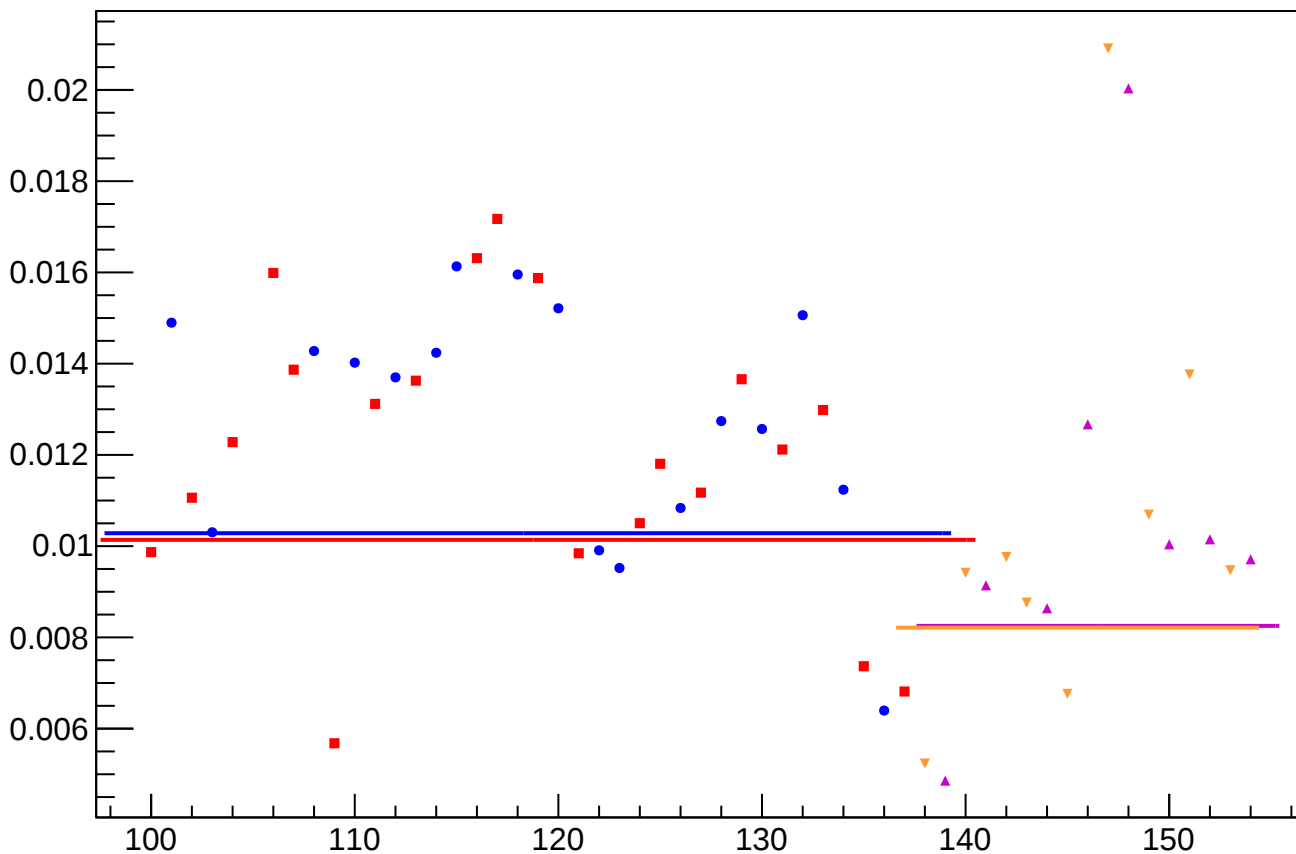
Right Out: 0.935+/-0.000 χ^2/NDF : 9844960466.1/19

Left In: 0.974+/-0.000 χ^2/NDF : 12668479044.0/7

0.837+/-0.000 χ^2/NDF : 21597472261.0/25

0.958+/-0.000 χ^2/NDF : 22562708477.3/27

yield_bpm12Y_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 1207460.1/16

Left Out: 0.008+/-0.000 χ^2/NDF : 1433054.0/8

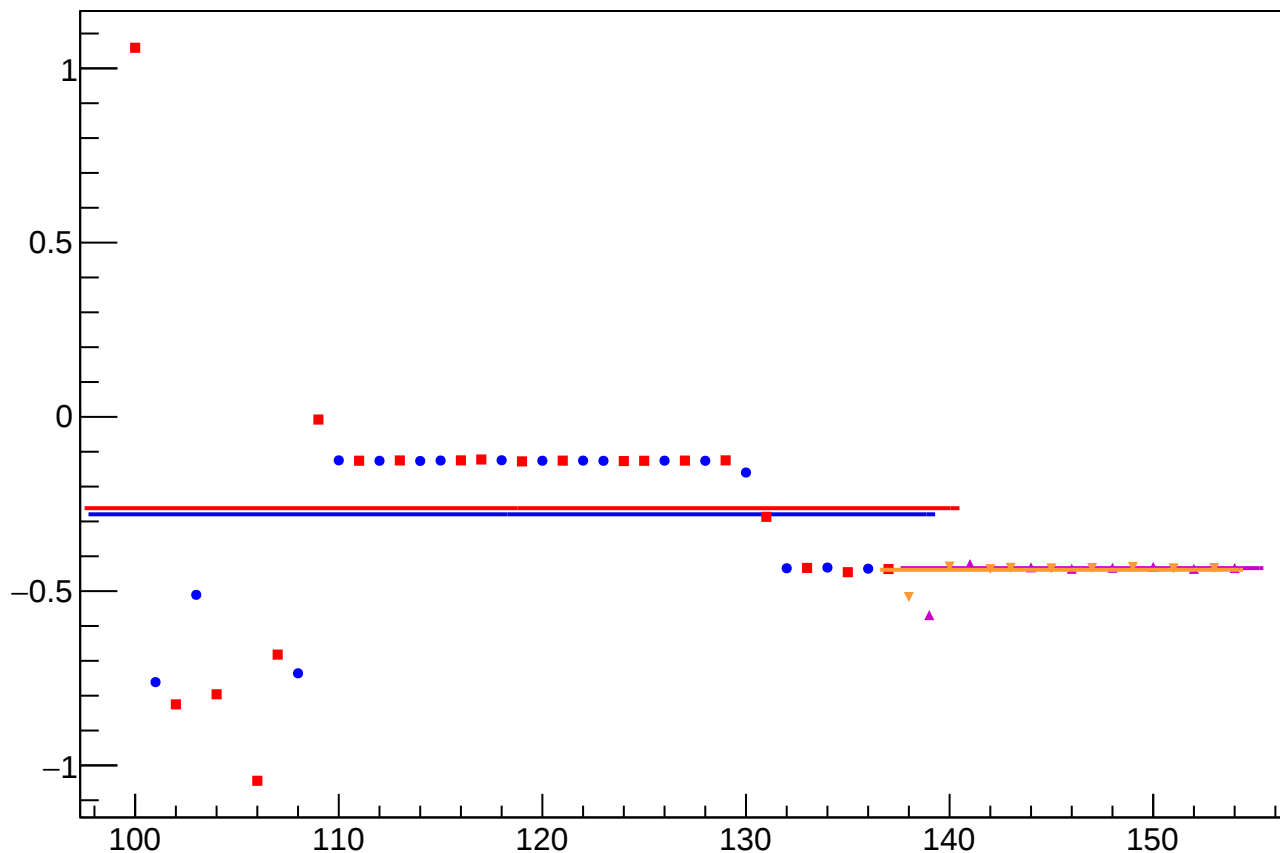
Right Out: 0.010+/-0.000 χ^2/NDF : 1189529.0/19

Left In: 0.008+/-0.000 χ^2/NDF : 1525671.8/7

0.009+/-0.000 χ^2/NDF : 2913425.2/25

0.009+/-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: -0.439 ± 0.000 χ^2/NDF : 23985677.5/8

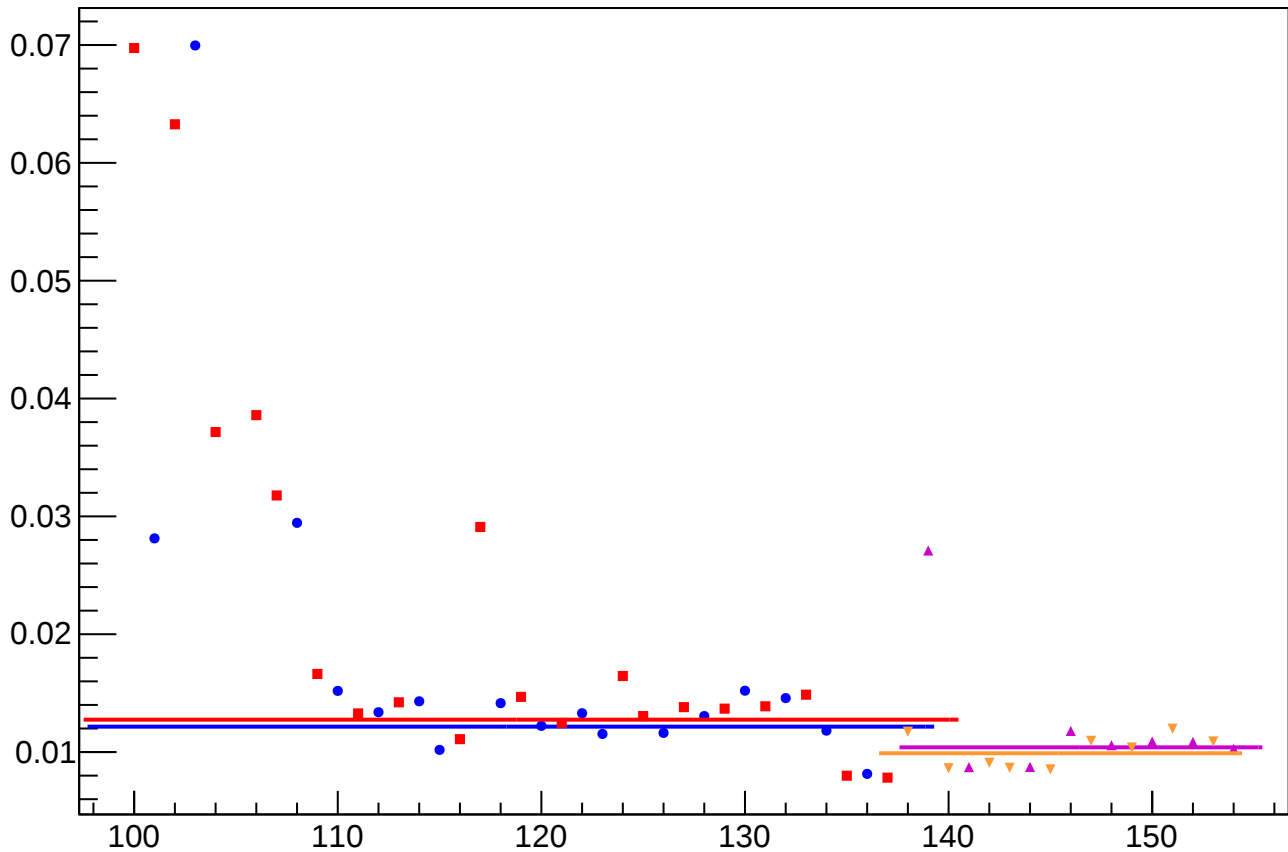
Right Out: -0.262 ± 0.000 χ^2/NDF : 1007161741.8/19

Left In: -0.434 ± 0.000 χ^2/NDF : 18859846.7/7

-0.380 ± 0.000 χ^2/NDF : 1454242253.5/25

-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 : 174907.3/8

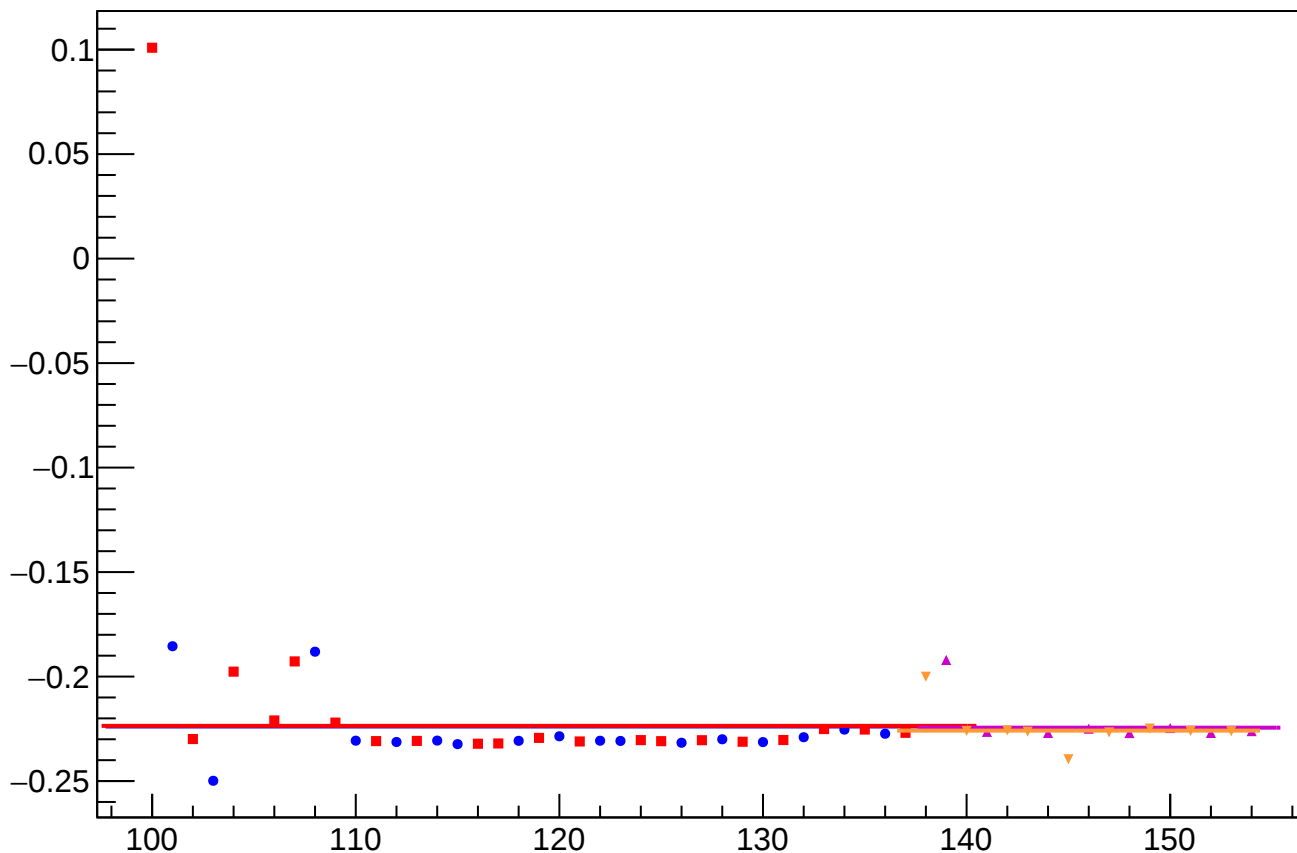
Right Out: 0.013+/-0.000 χ^2/NDF : 1991972.4/19

Left In: 0.010+/-0.000 χ^2/NDF : 659238.9/7

0.011+/-0.000 χ^2/NDF : 2099584.9/25

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 : 20515778.9/8

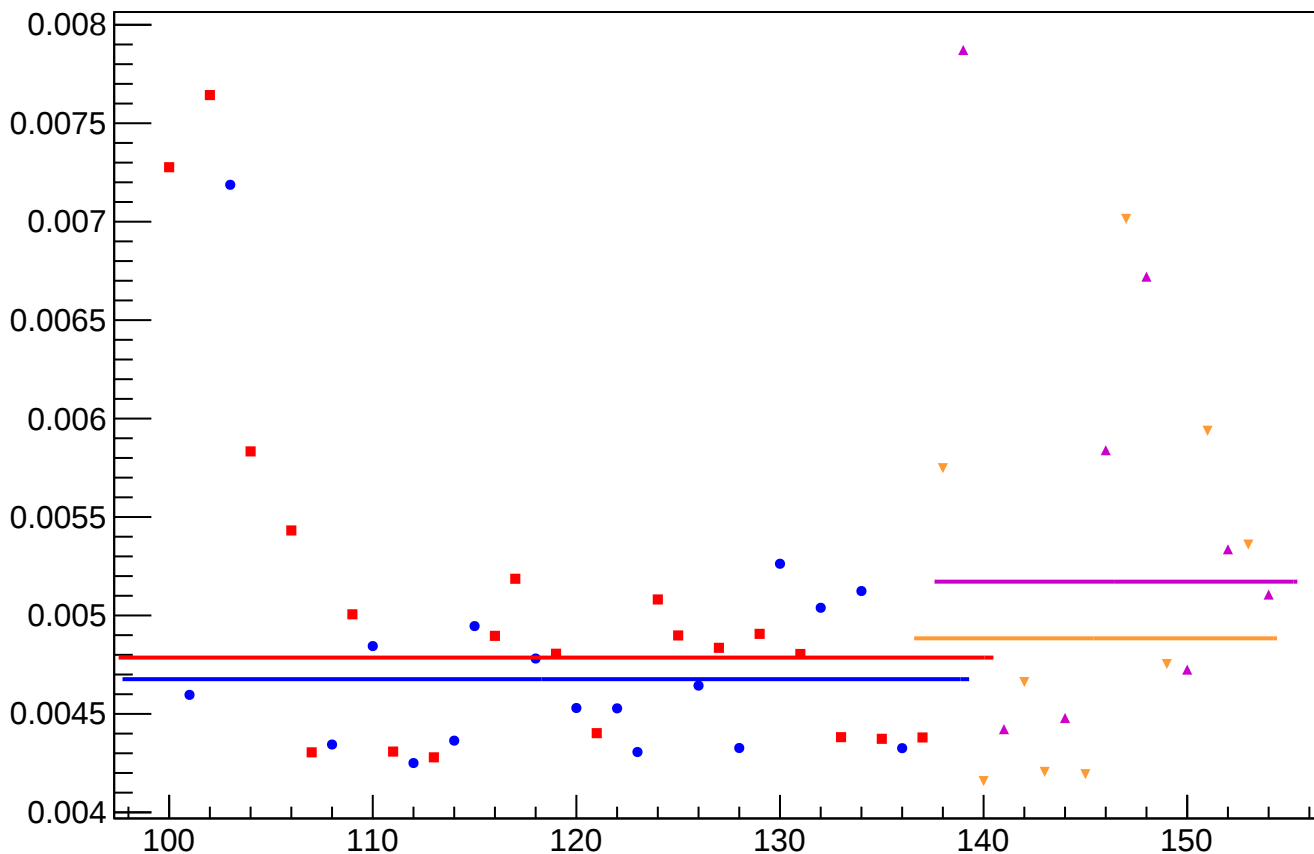
Right Out: -0.224+/-0.000 χ^2/NDF : 168229582.1/19

Left In: -0.224+/-0.000 χ^2/NDF : 12427463.3/7

-0.225+/-0.000 χ^2/NDF : 95623479.8/25

-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 : 345009.6/8

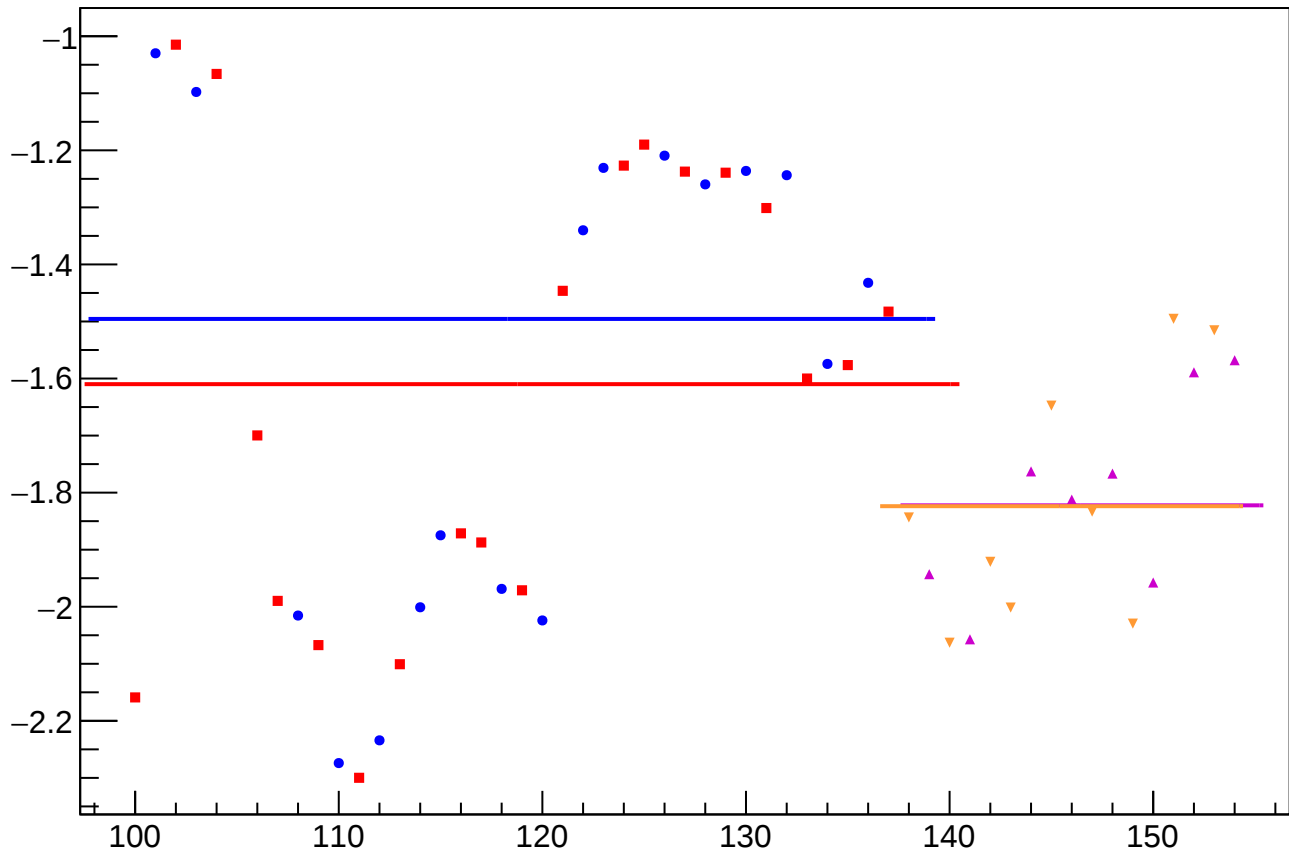
Right Out: 0.005+/-0.000 χ^2/NDF : 248745.3/19

Left In: 0.005+/-0.000 χ^2/NDF : 360242.4/7

0.005+/-0.000 χ^2/NDF : 537003.5/25

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: -1.824 ± 0.000 χ^2/NDF : 7552079590.5/8

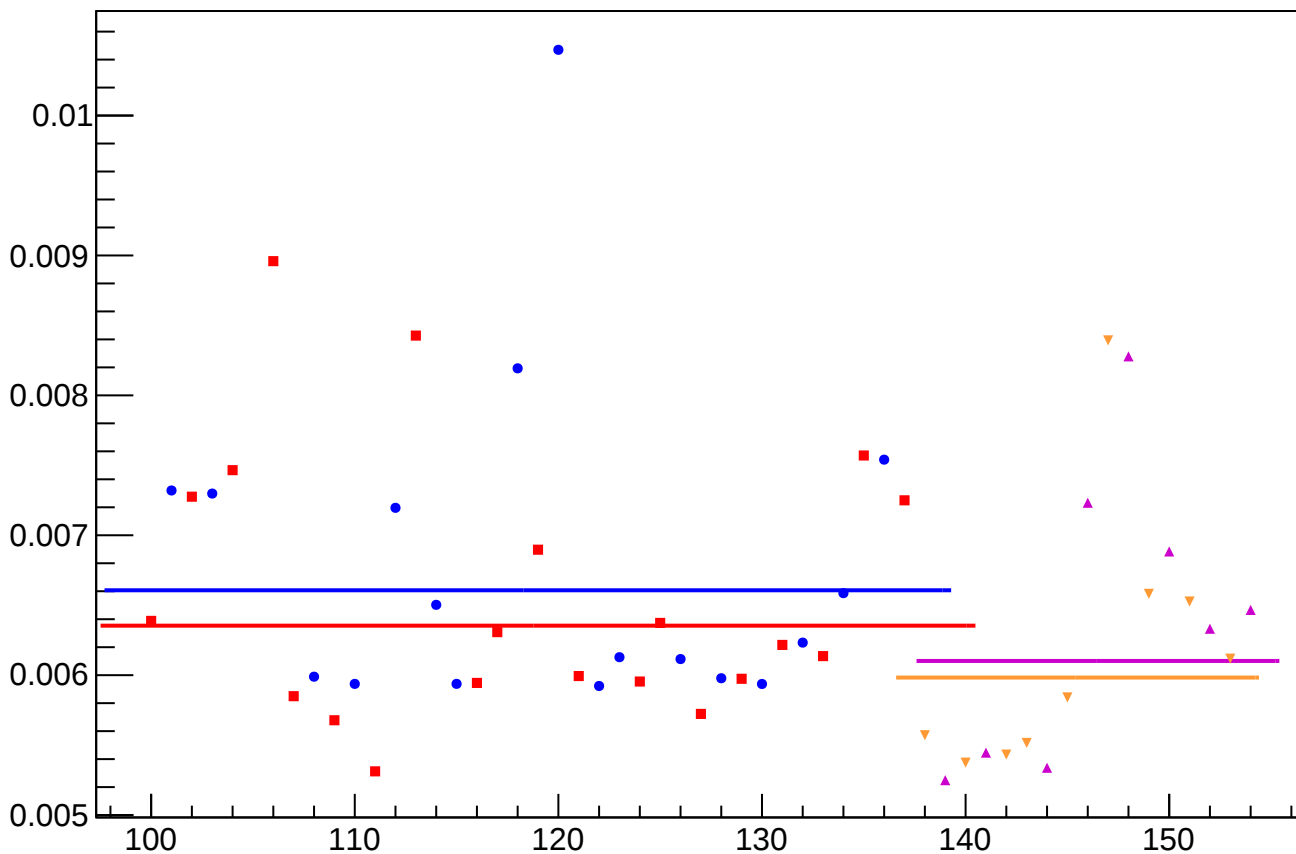
-1.677 ± 0.000 χ^2/NDF : 38319211432.6/25

Right Out: -1.610 ± 0.000 χ^2/NDF : 27936032778.6/19

-1.715 ± 0.000 χ^2/NDF : 36266660857.2/27

Left In: -1.822 ± 0.000 χ^2/NDF : 4654564333.0/7

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 :184677.0/8

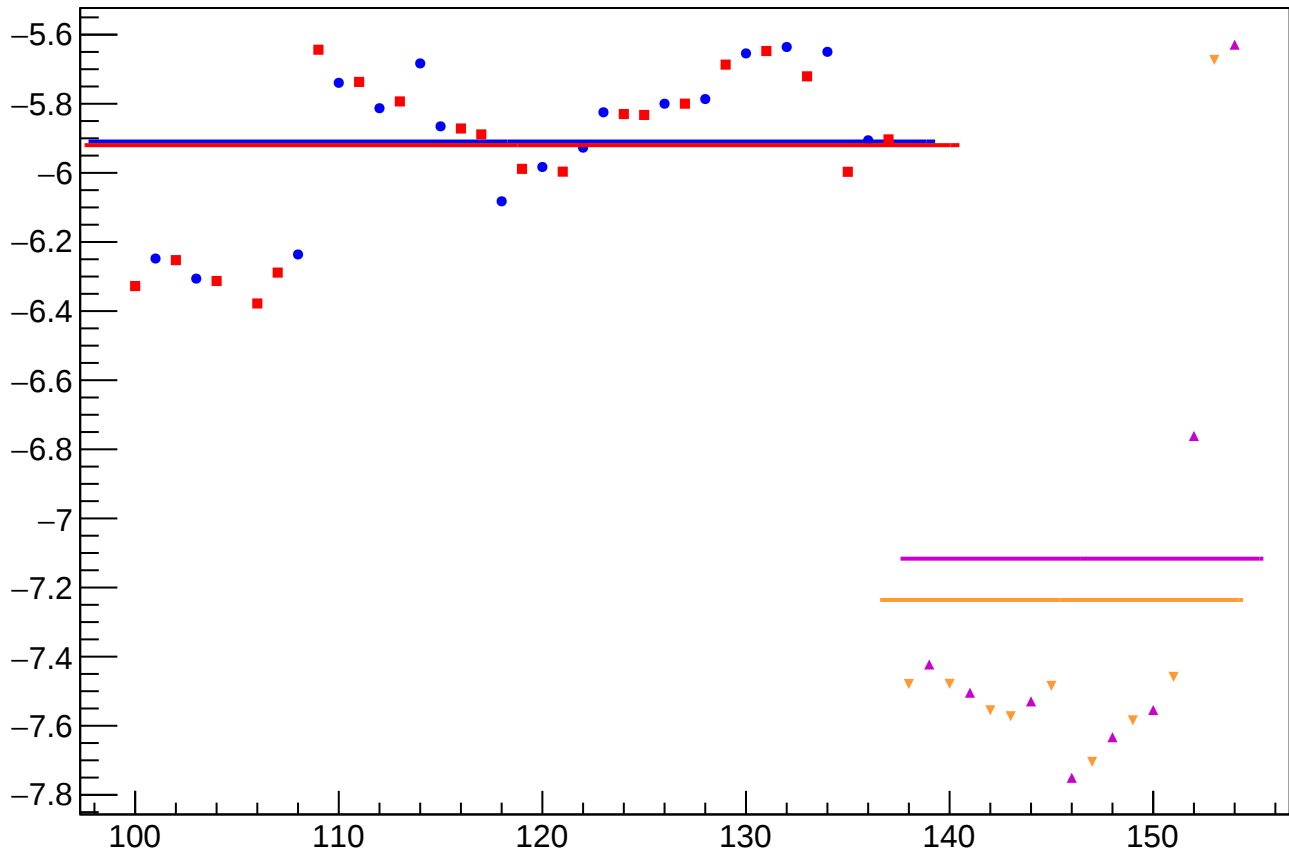
Right Out: 0.006+/-0.000 χ^2/NDF : 227292.5/19

Left In: 0.006+/-0.000 χ^2/NDF :255383.9/7

0.006+/-0.000 χ^2/NDF : 445689.2/25

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: -7.236+/-0.000 χ^2/NDF : 38255060197.4/8

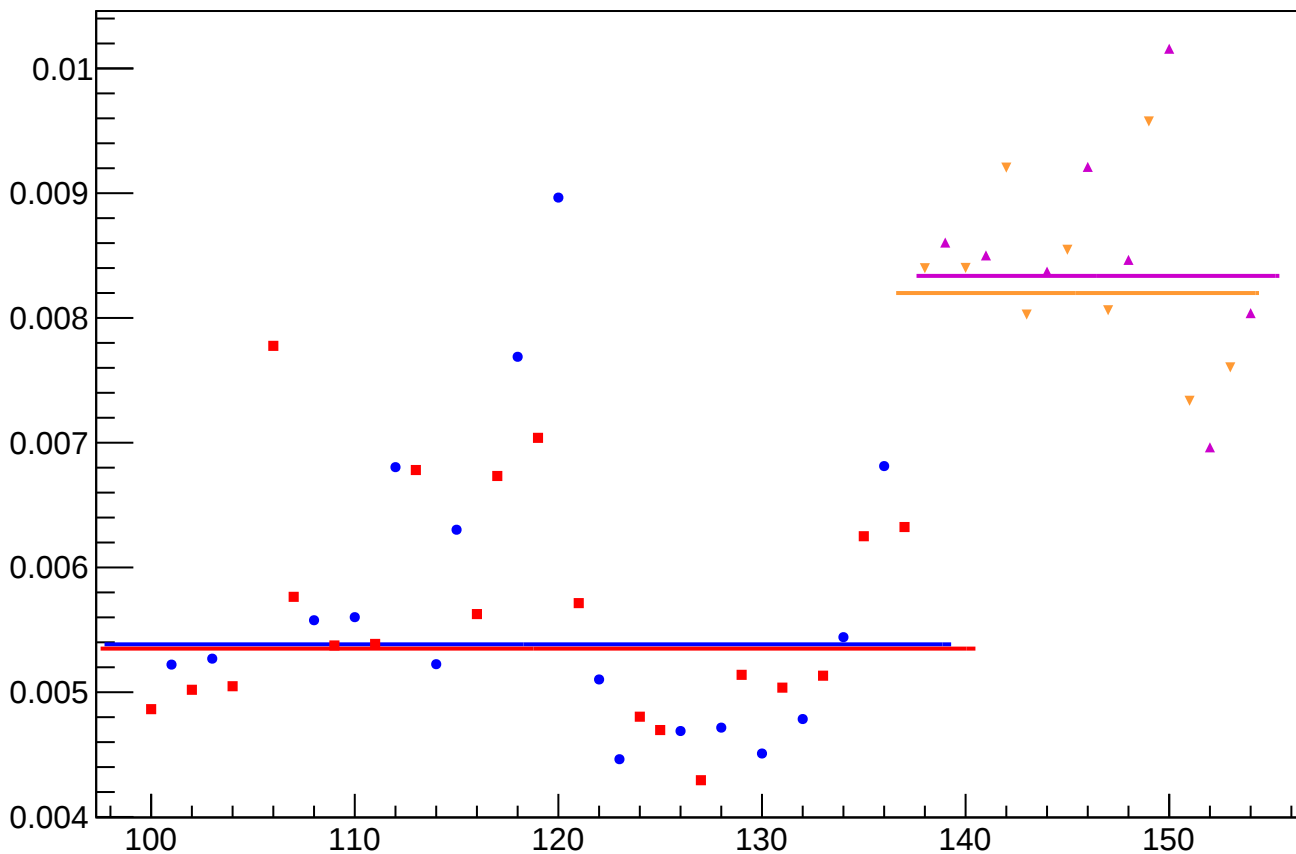
-6.288+/-0.000 χ^2/NDF : 150940431978.8/25

Right Out: -5.920+/-0.000 χ^2/NDF : 12786104538.4/19

-6.237+/-0.000 χ^2/NDF : 137611316298.6/27

Left In: -7.116+/-0.000 χ^2/NDF : 39942119557.8/7

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 : 67865.6/8

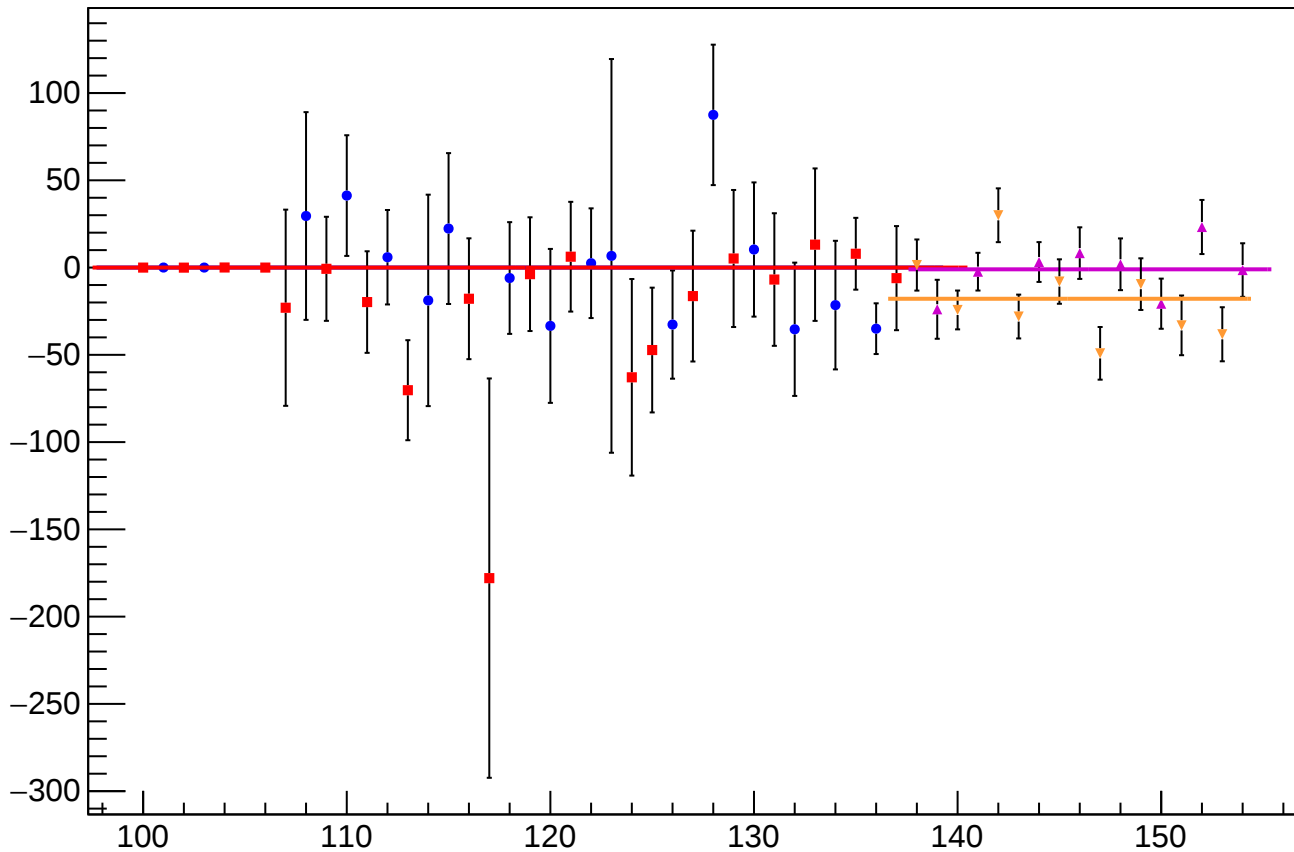
Right Out: 0.005+/-0.000 χ^2/NDF : 247999.6/19

Left In: 0.008+/-0.000 χ^2/NDF : 120204.8/7

0.006+/-0.000 χ^2/NDF : 1330631.5/25

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: -17.875 ± 4.662 χ^2/NDF : 20.1/8

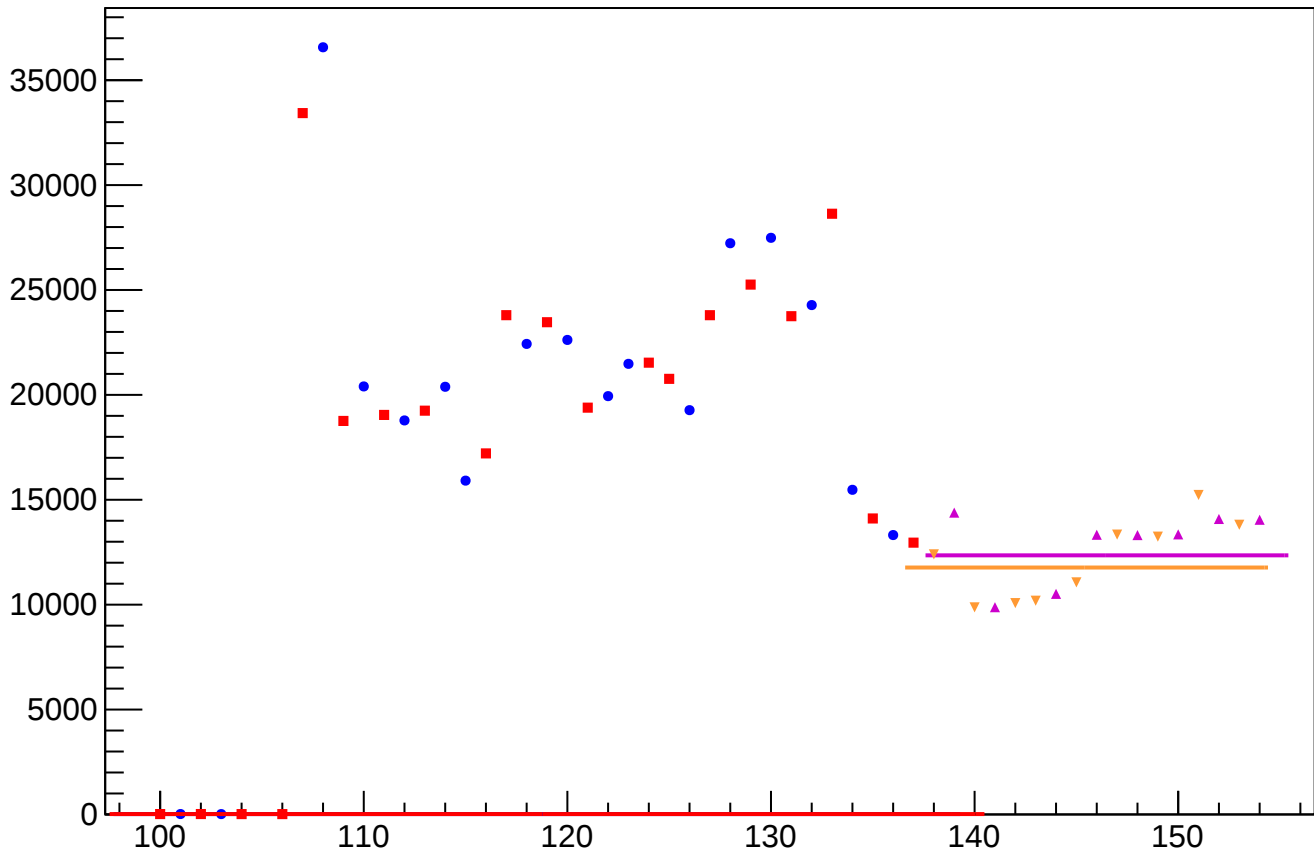
Right Out: 0.003 ± 0.016 χ^2/NDF : 17.7/19

Left In: -1.008 ± 4.872 χ^2/NDF : 6.7/7

0.013 ± 0.017 χ^2/NDF : 50.6/25

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: 11770.359+/-3.297 χ^2/NDF : 281990.3/8

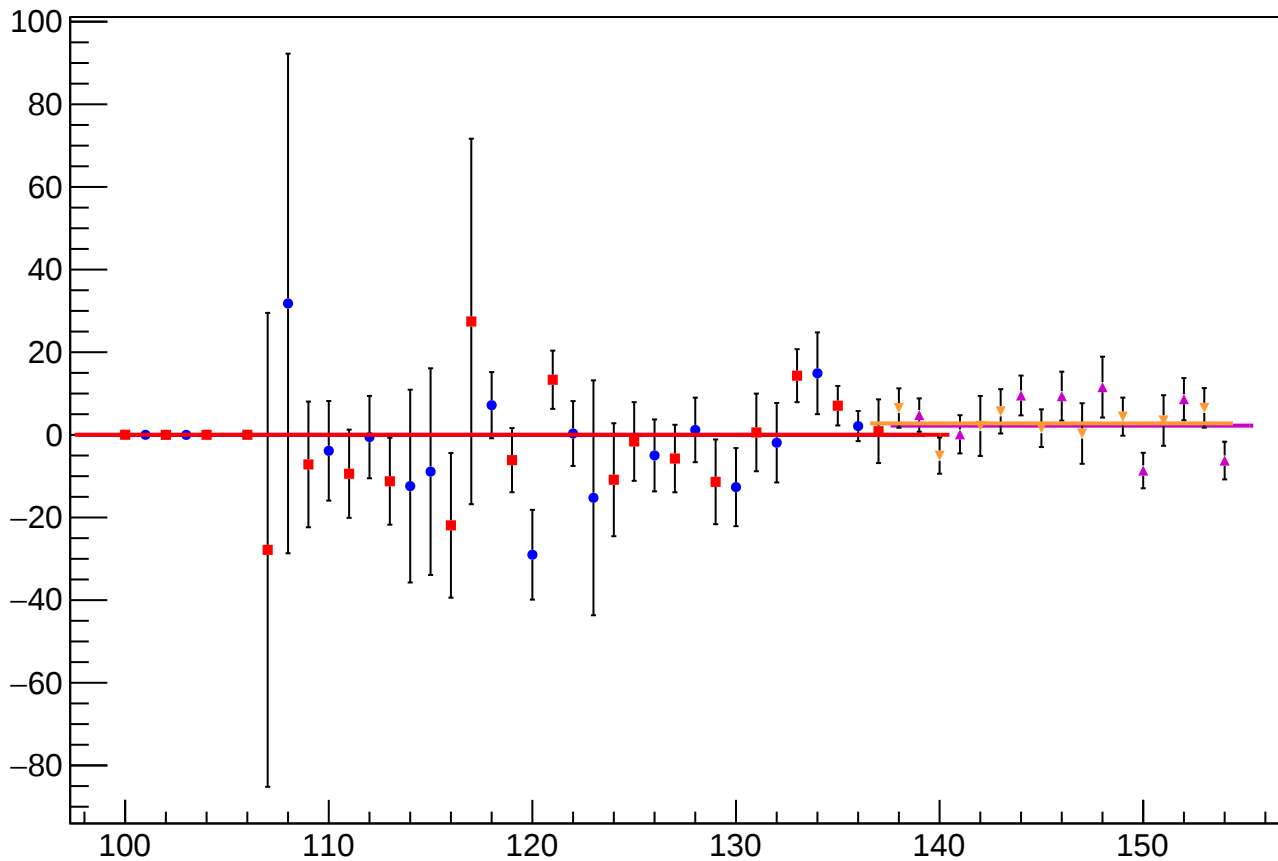
Right Out: 18.312+/-0.011 χ^2/NDF : 11189737.0/19

Left In: 12351.179+/-3.445 χ^2/NDF : 261929.2/7

18.803+/-0.012 χ^2/NDF : 23831518.0/25

18.446+/-0.011 χ^2/NDF : 24268256.2/27

diff_cav4bY_mean vs Slug



Right In: 0.001+/-0.009 χ^2/NDF : 14.9/16

Left Out: 2.783+/-1.730 χ^2/NDF : 5.0/8

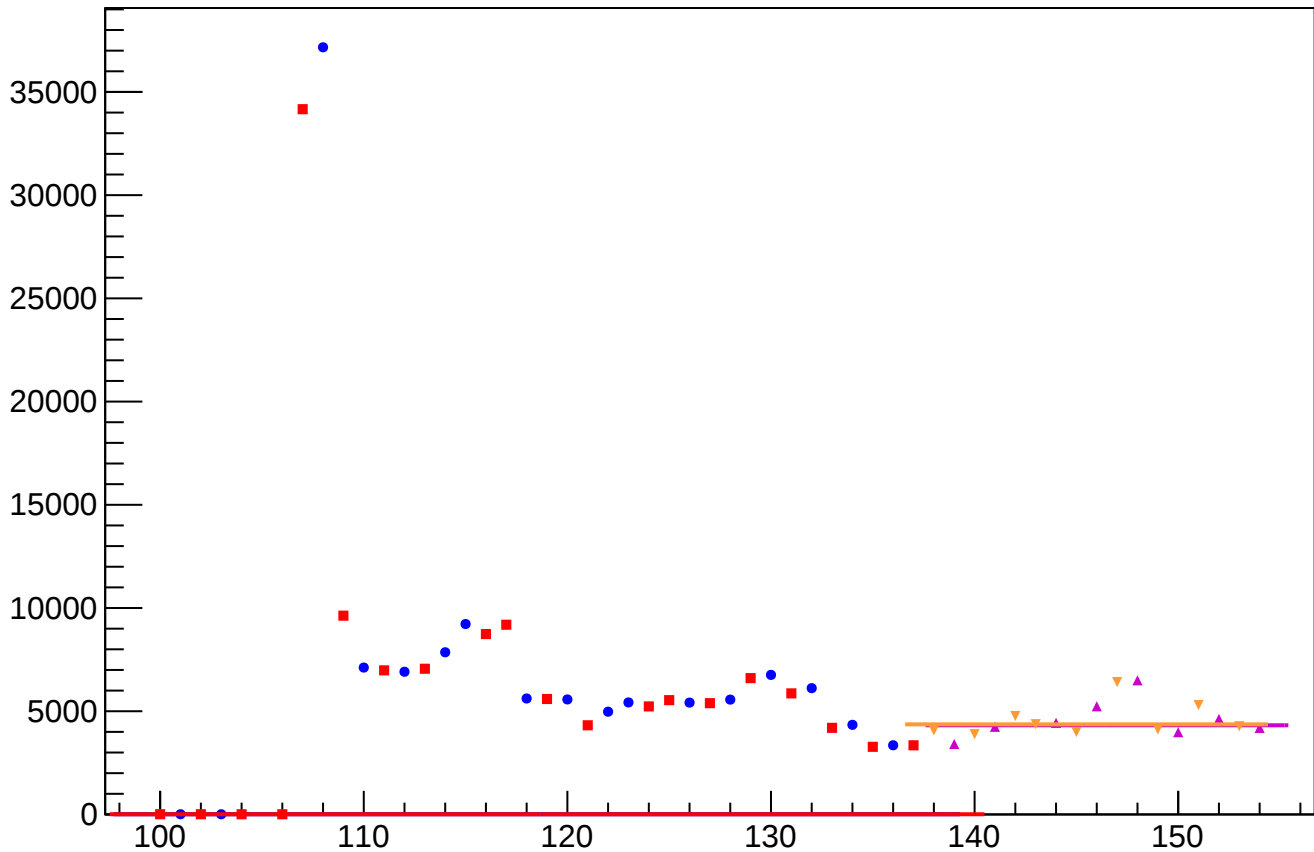
Right Out: 0.014+/-0.009 χ^2/NDF : 18.8/19

Left In: 2.236+/-1.717 χ^2/NDF : 17.4/7

0.001+/-0.009 χ^2/NDF : 22.5/25

0.014+/-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: 4364.032+/-1.223 χ^2/NDF : 259769.6/8

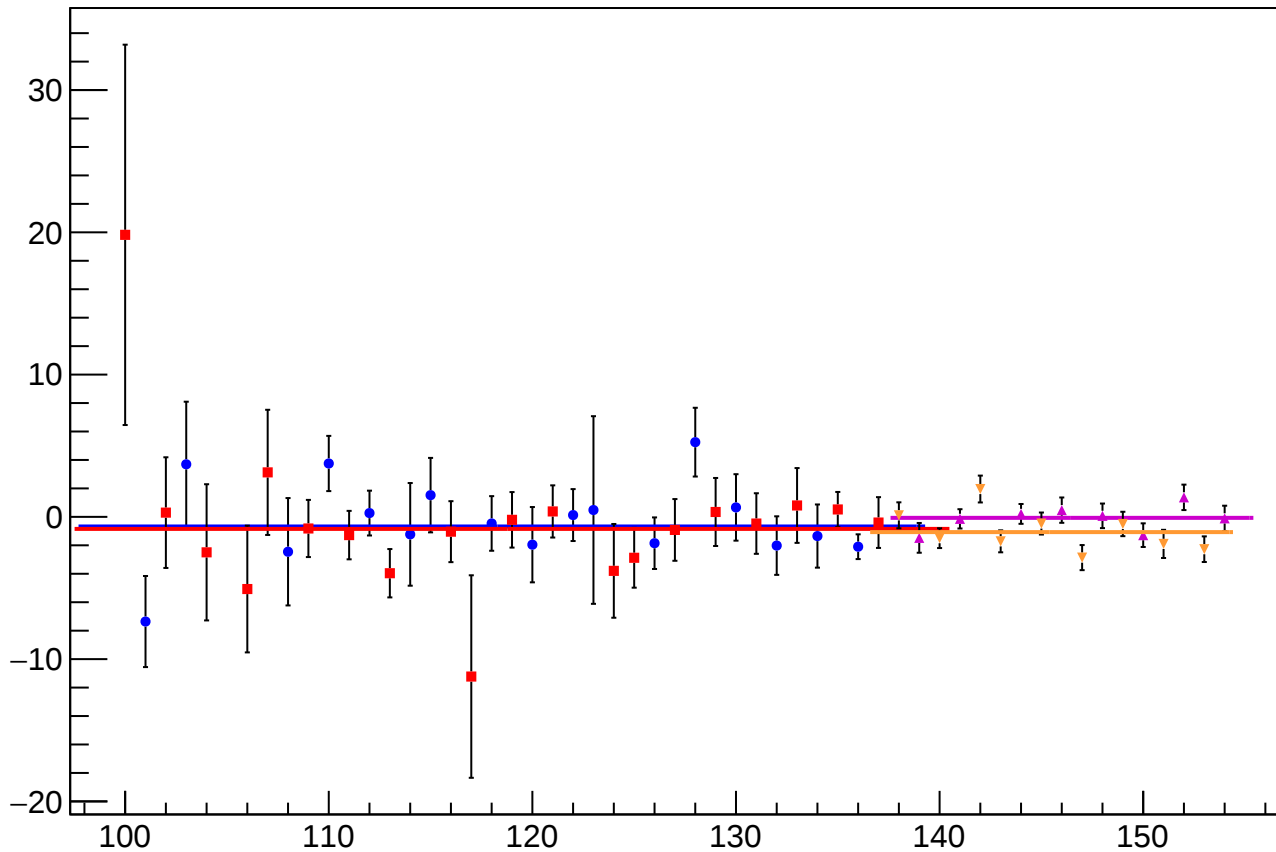
Right Out: 9.855+/-0.006 χ^2/NDF : 11238836.3/19

Left In: 4319.158+/-1.214 χ^2/NDF : 346925.5/7

10.061+/-0.007 χ^2/NDF : 23901137.5/25

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

-0.972 ± 0.243 χ^2/NDF : 43.5/25

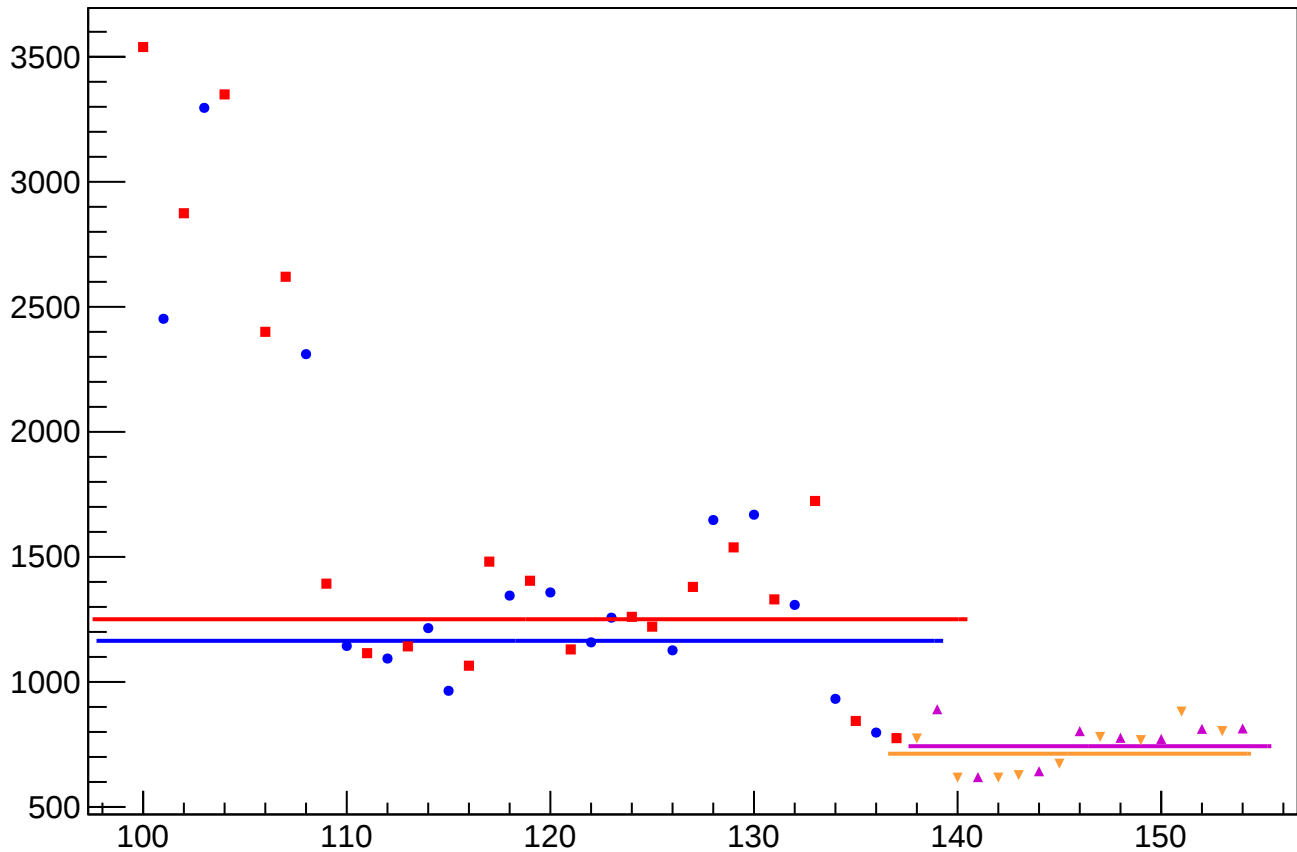
Left Out: -1.071 ± 0.281 χ^2/NDF : 20.7/8

Right Out: -0.846 ± 0.500 χ^2/NDF : 14.1/19

-0.267 ± 0.252 χ^2/NDF : 23.0/27

Left In: -0.069 ± 0.292 χ^2/NDF : 7.1/7

diff_cav4cX_rms vs Slug



Right In: 1164.459+/-0.342 χ^2/NDF : 1584212.9/16

Left Out: 713.013+/-0.199 χ^2/NDF : 194943.2/8

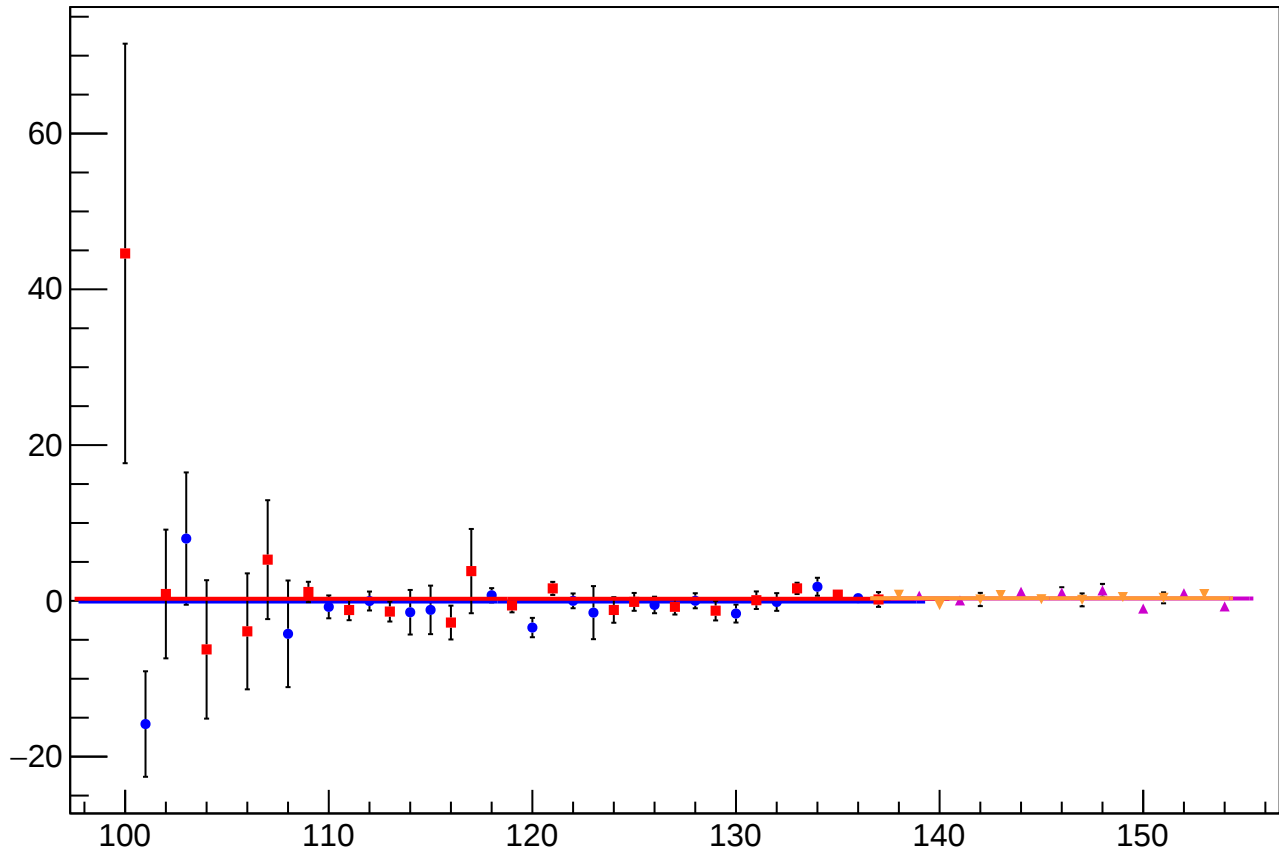
826.950+/-0.172 χ^2/NDF : 3079277.2/25

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: 0.342 ± 0.204 χ^2/NDF : 5.1/8

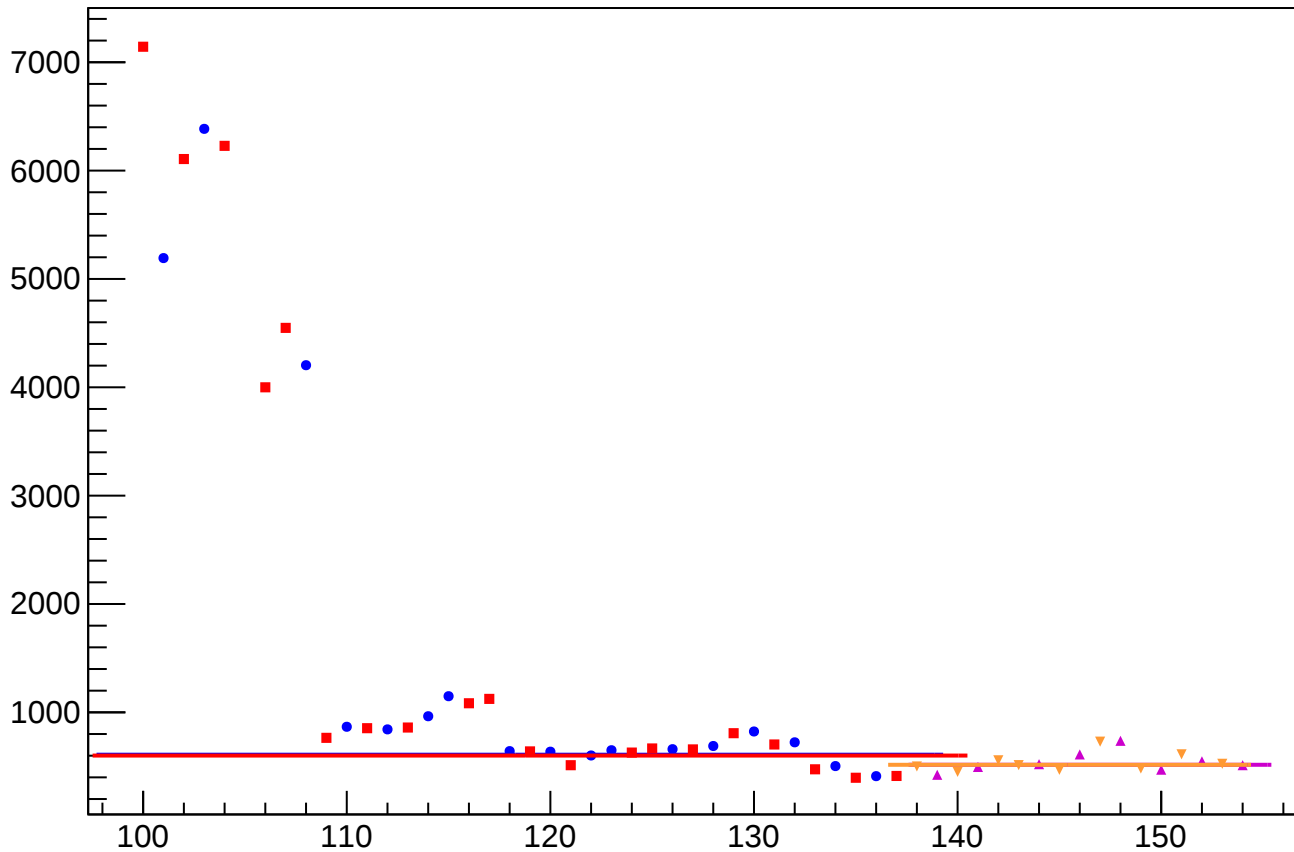
Right Out: 0.268 ± 0.264 χ^2/NDF : 20.9/19

Left In: 0.302 ± 0.204 χ^2/NDF : 16.9/7

0.186 ± 0.163 χ^2/NDF : 27.7/25

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: 515.876+/-0.144 χ^2/NDF : 232617.9/8

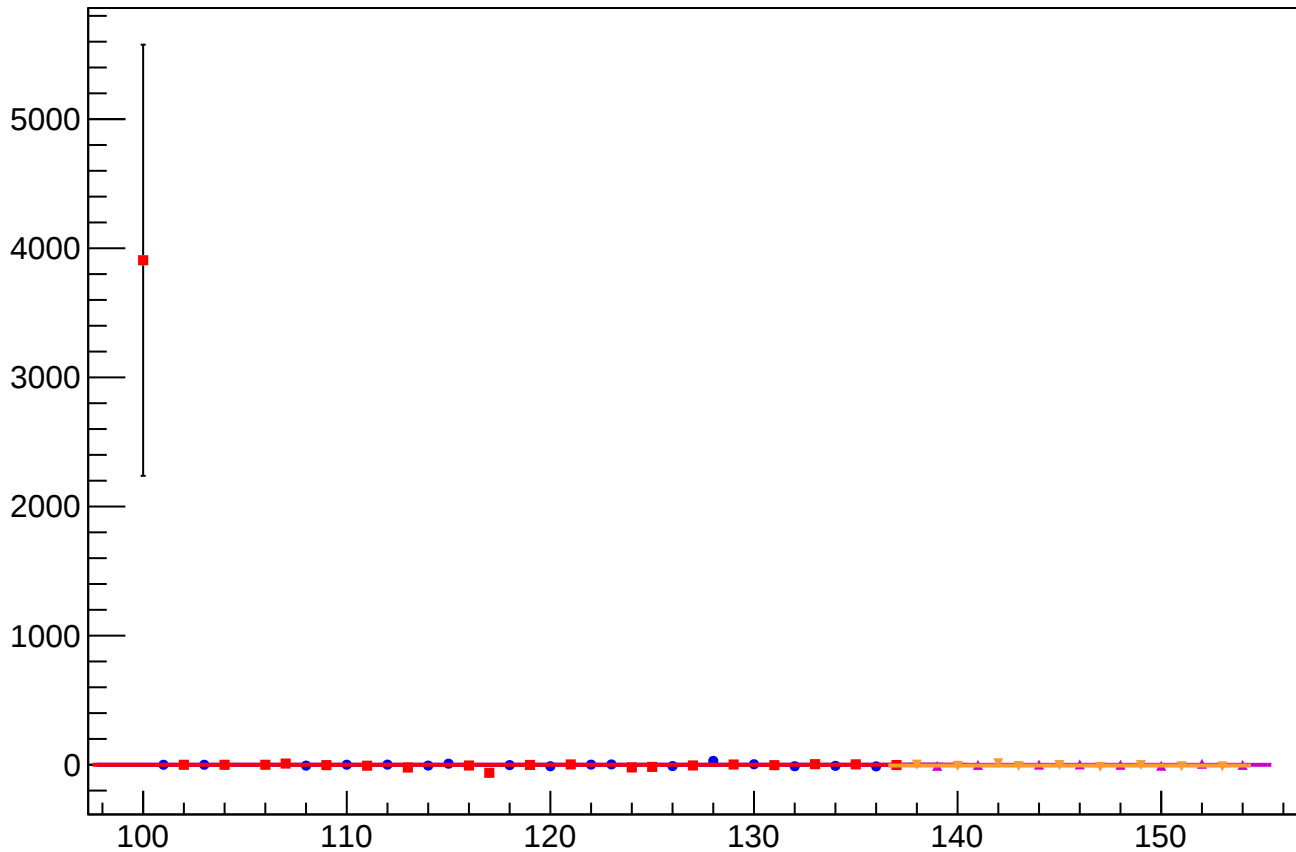
549.717+/-0.115 χ^2/NDF : 3523203.1/25

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: -6.179+/-1.633 χ^2/NDF : 20.8/8

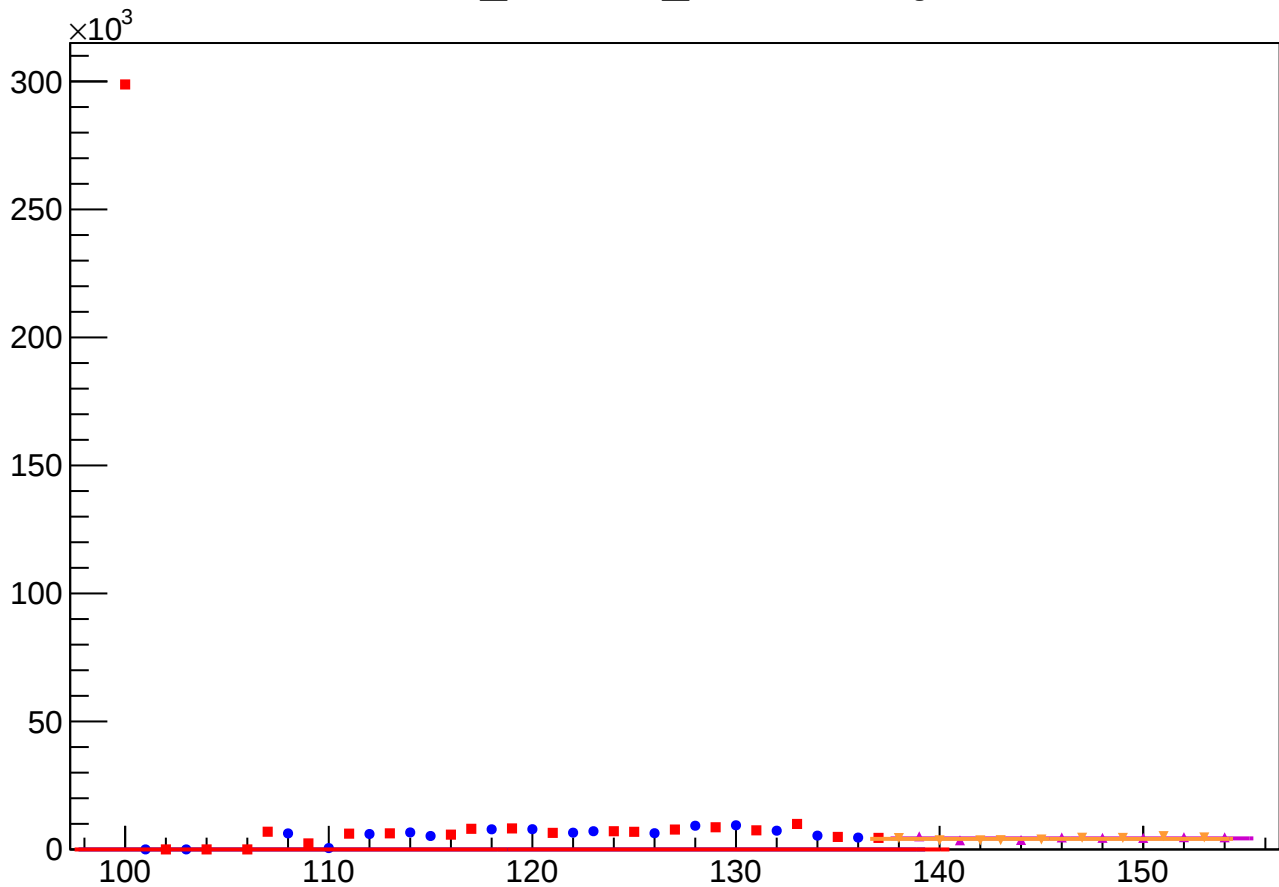
Right Out: -0.027+/-0.020 χ^2/NDF : 19.8/19

Left In: -0.405+/-1.701 χ^2/NDF : 7.1/7

-0.023+/-0.021 χ^2/NDF : 50.3/25

-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: 4136.337 $\pm$ 1.155 χ^2 /NDF: 214488.0/8

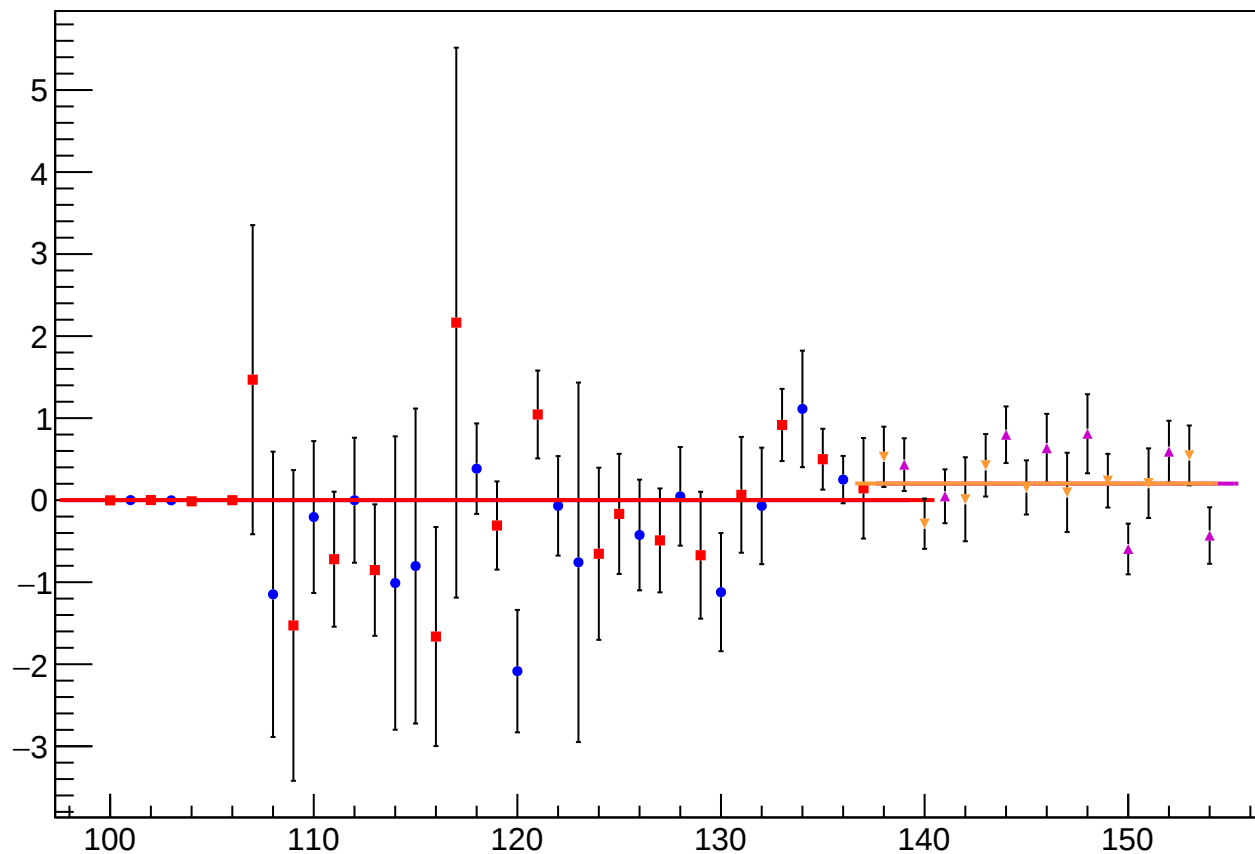
18.004 $\pm$ 0.015 χ^2 /NDF: 23291216.3/25

Right Out: 17.270 $\pm$ 0.014 χ^2 /NDF: 10899577.1/19

17.852 $\pm$ 0.014 χ^2 /NDF: 23920153.5/27

Left In: 4324.729 $\pm$ 1.203 χ^2 /NDF: 199318.0/7

diff_cav4dY_mean vs Slug



Right In: 0.000+/-0.002 χ^2/NDF : 15.6/16

Left Out: 0.203+/-0.124 χ^2/NDF : 4.8/8

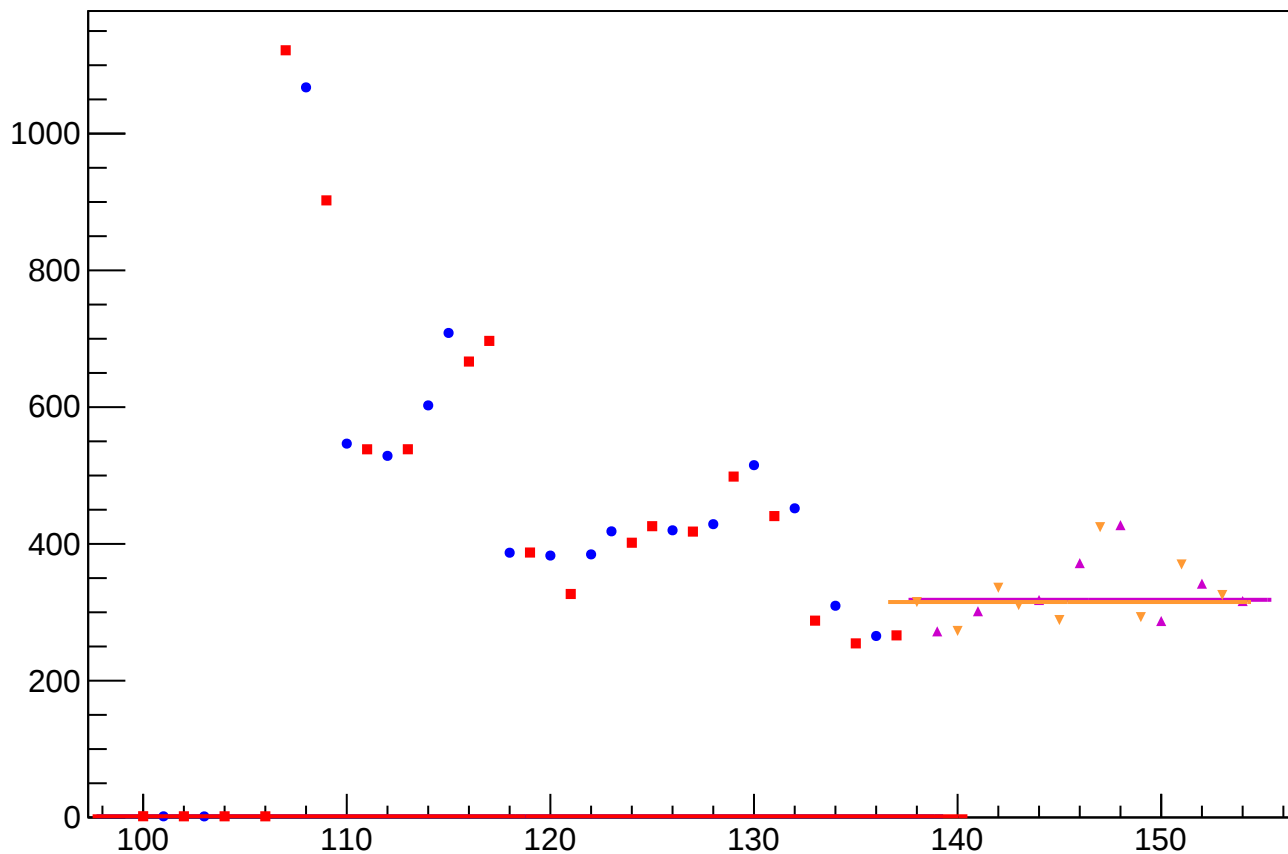
Right Out: 0.001+/-0.002 χ^2/NDF : 18.2/19

Left In: 0.202+/-0.126 χ^2/NDF : 17.5/7

0.000+/-0.002 χ^2/NDF : 23.1/25

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: 315.027+/-0.088 χ^2/NDF : 201065.3/8

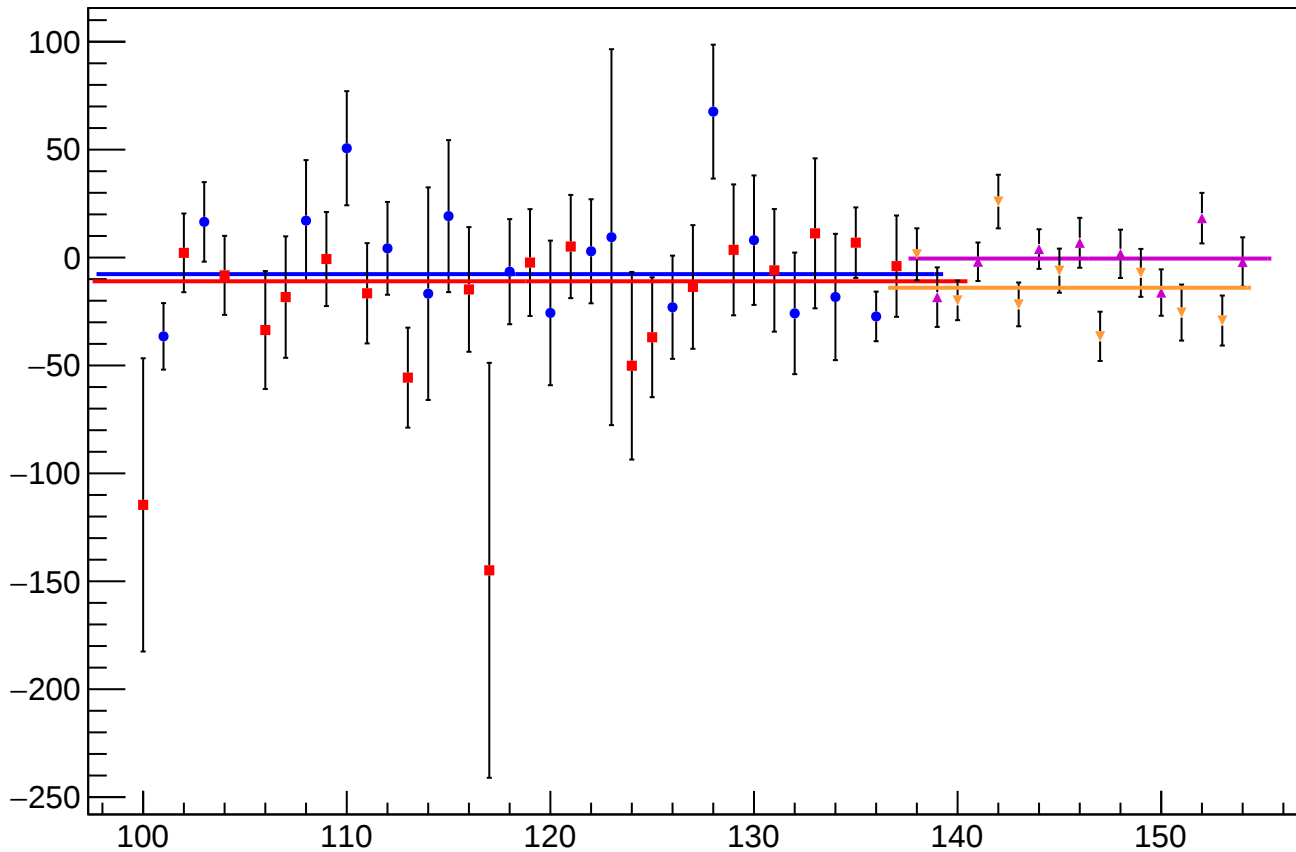
Right Out: 1.729+/-0.001 χ^2/NDF : 10822679.1/19

Left In: 318.276+/-0.089 χ^2/NDF : 209919.8/7

1.781+/-0.001 χ^2/NDF : 23794853.6/25

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: -13.999 ± 3.682 χ^2/NDF : 20.4/8

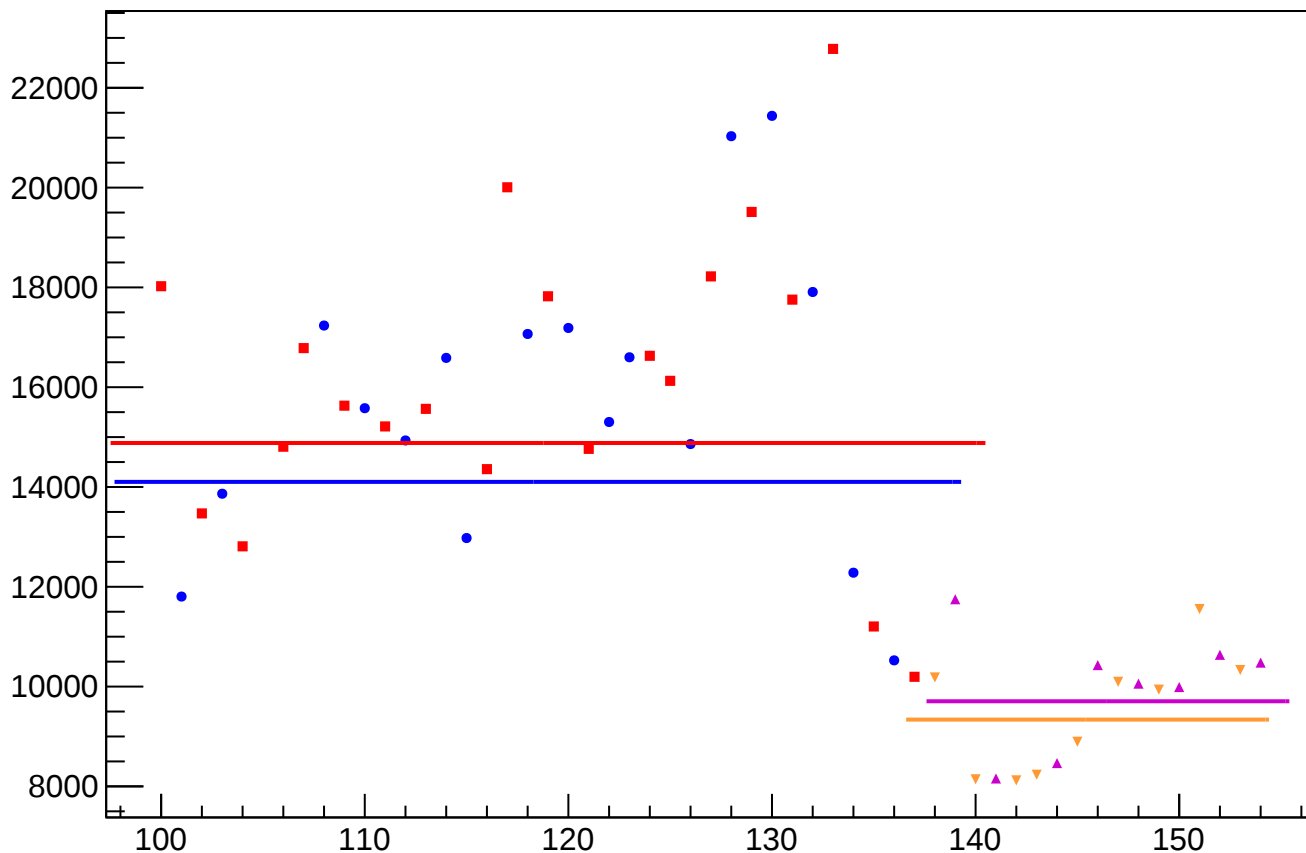
Right Out: -10.992 ± 5.672 χ^2/NDF : 13.8/19

Left In: -0.467 ± 3.814 χ^2/NDF : 7.1/7

-12.106 ± 3.081 χ^2/NDF : 43.6/25

-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: 9338.208+/-2.603 χ^2/NDF :178370.7/8

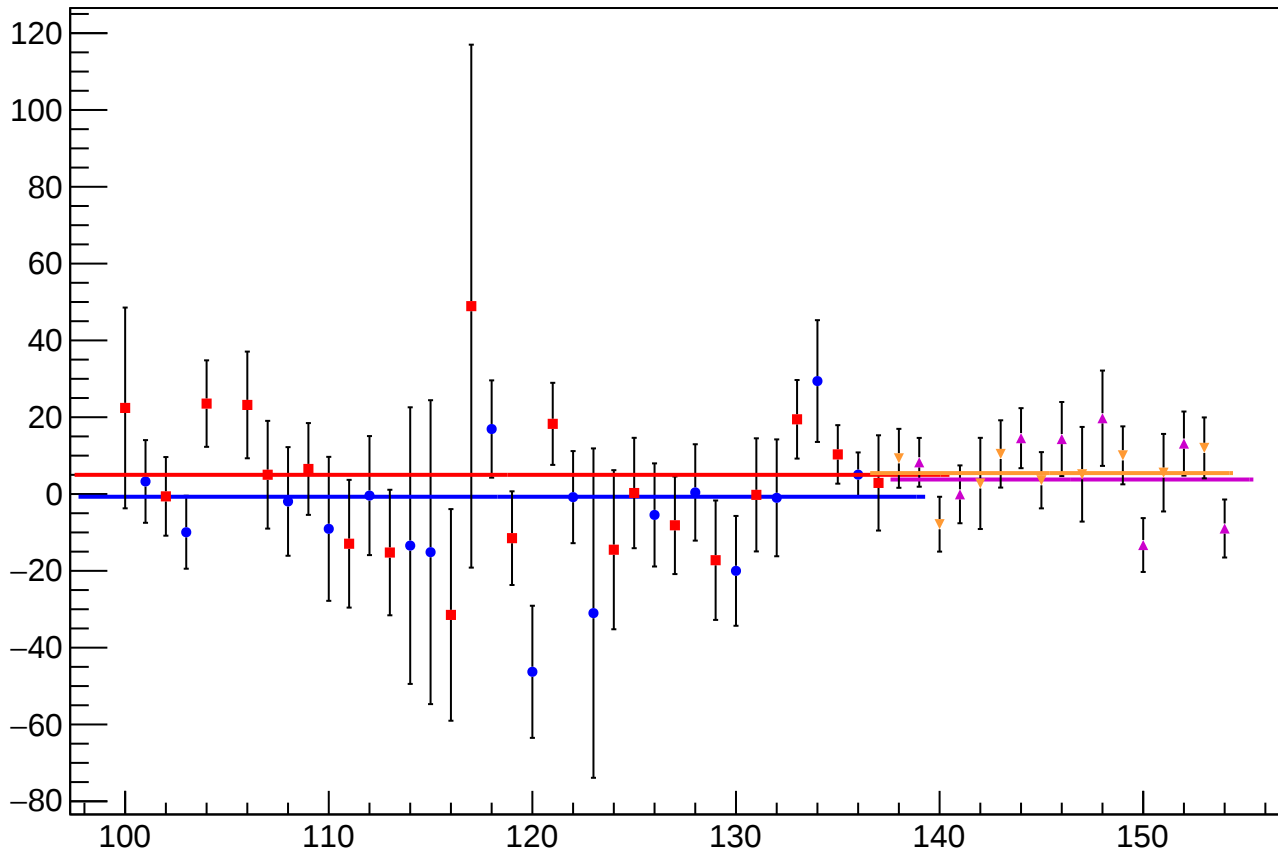
Right Out: 14882.066+/-4.011 χ^2/NDF : 475983.1/19

Left In: 9705.653+/-2.697 χ^2/NDF :173622.1/7

10766.308+/-2.178 χ^2/NDF : 1781222.7/25

11317.352+/-2.238 χ^2/NDF : 1796591.4/27

diff_bpm4aY_mean vs Slug



Right In: -0.708 ± 3.084 $\chi^2/\text{NDF}: 17.6/16$

2.640 ± 2.083 $\chi^2/\text{NDF}: 24.9/25$

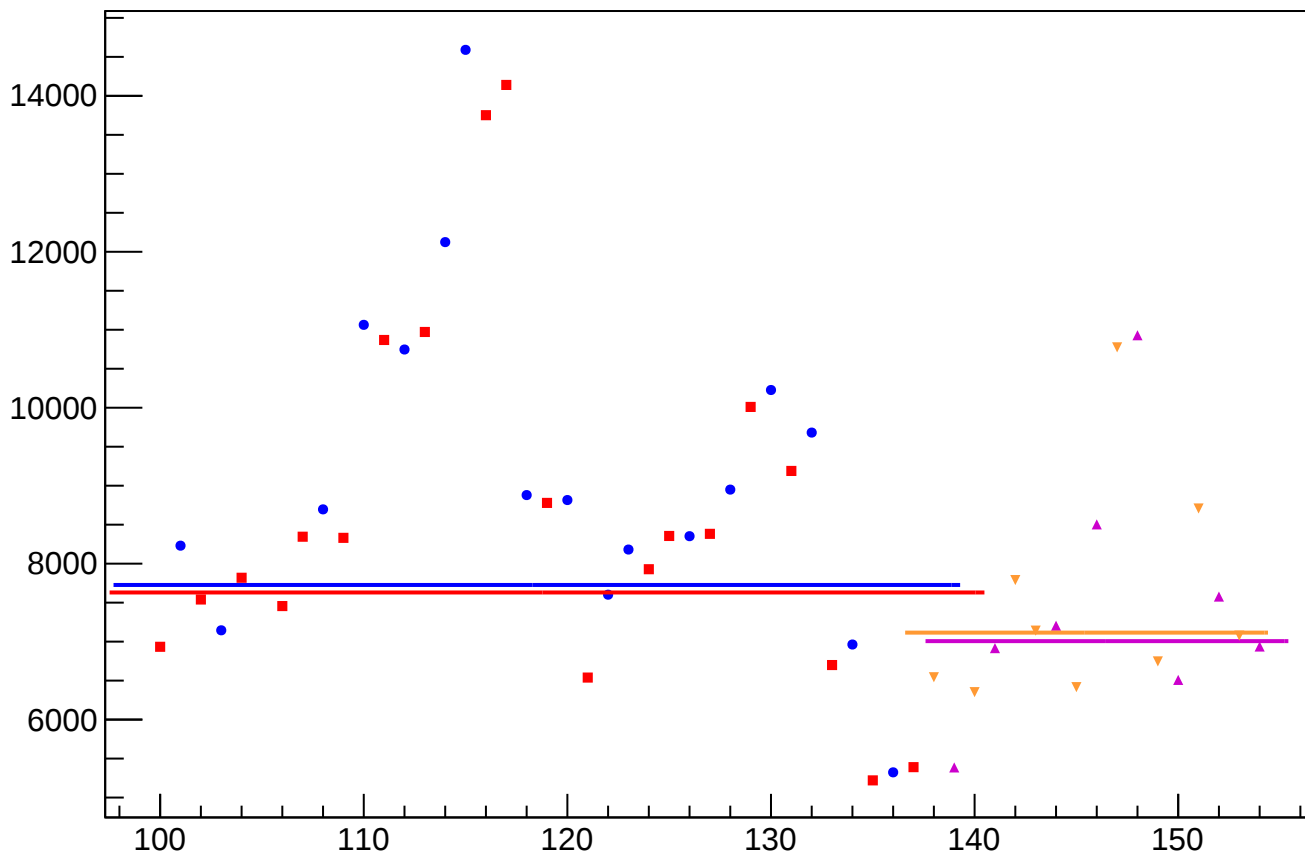
Left Out: 5.452 ± 2.826 $\chi^2/\text{NDF}: 5.2/8$

4.359 ± 2.024 $\chi^2/\text{NDF}: 35.8/27$

Right Out: 5.000 ± 2.937 $\chi^2/\text{NDF}: 20.2/19$

Left In: 3.780 ± 2.793 $\chi^2/\text{NDF}: 15.5/7$

diff_bpm4aY_rms vs Slug



Right In: 7726.745 ± 2.180 χ^2/NDF : 742512.8/16

Left Out: 7115.503 ± 1.998 χ^2/NDF : 289558.3/8

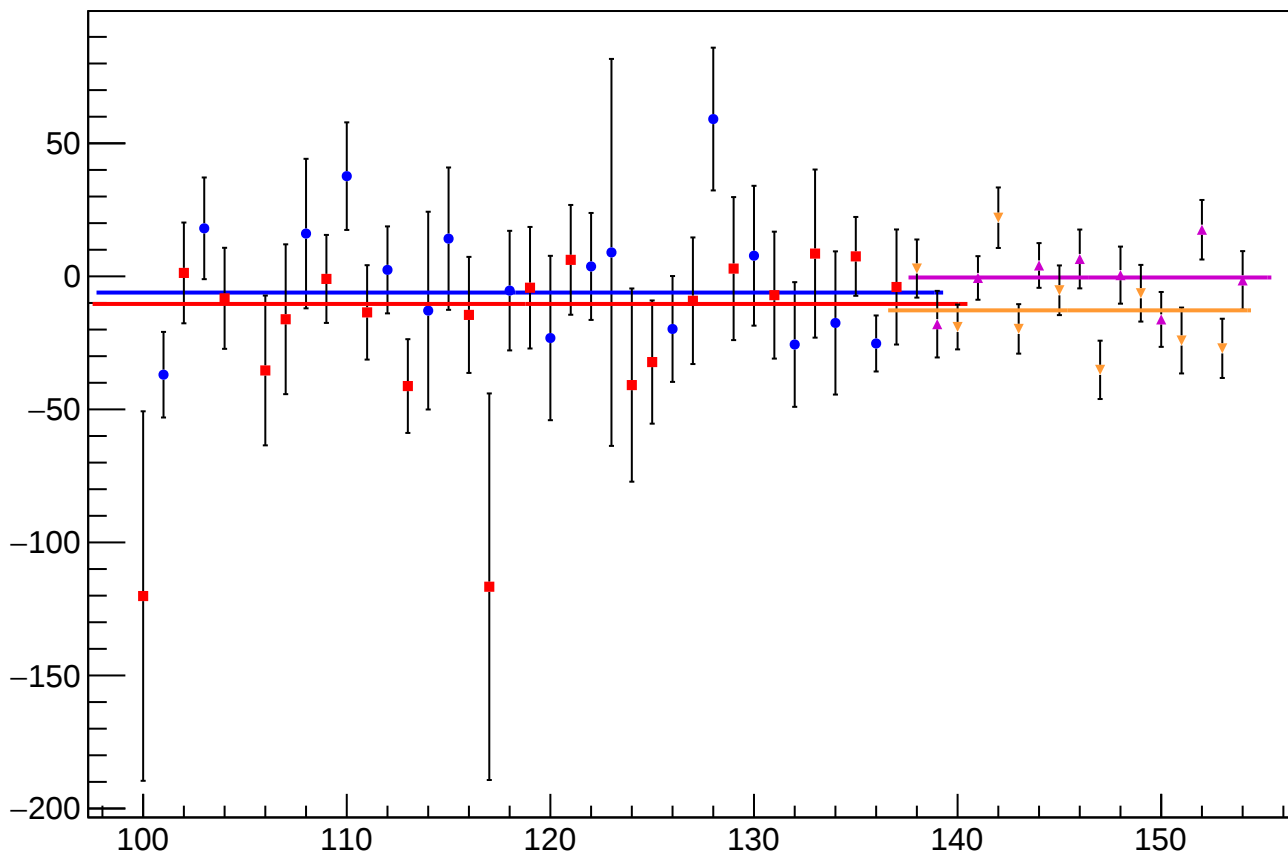
Right Out: 7630.342 ± 2.077 χ^2/NDF : 693444.5/19

Left In: 7006.238 ± 1.975 χ^2/NDF : 399220.1/7

7394.547 ± 1.473 χ^2/NDF : 1074783.0/25

7302.585 ± 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: -12.777 ± 3.430 $\chi^2/\text{NDF}: 20.2/8$

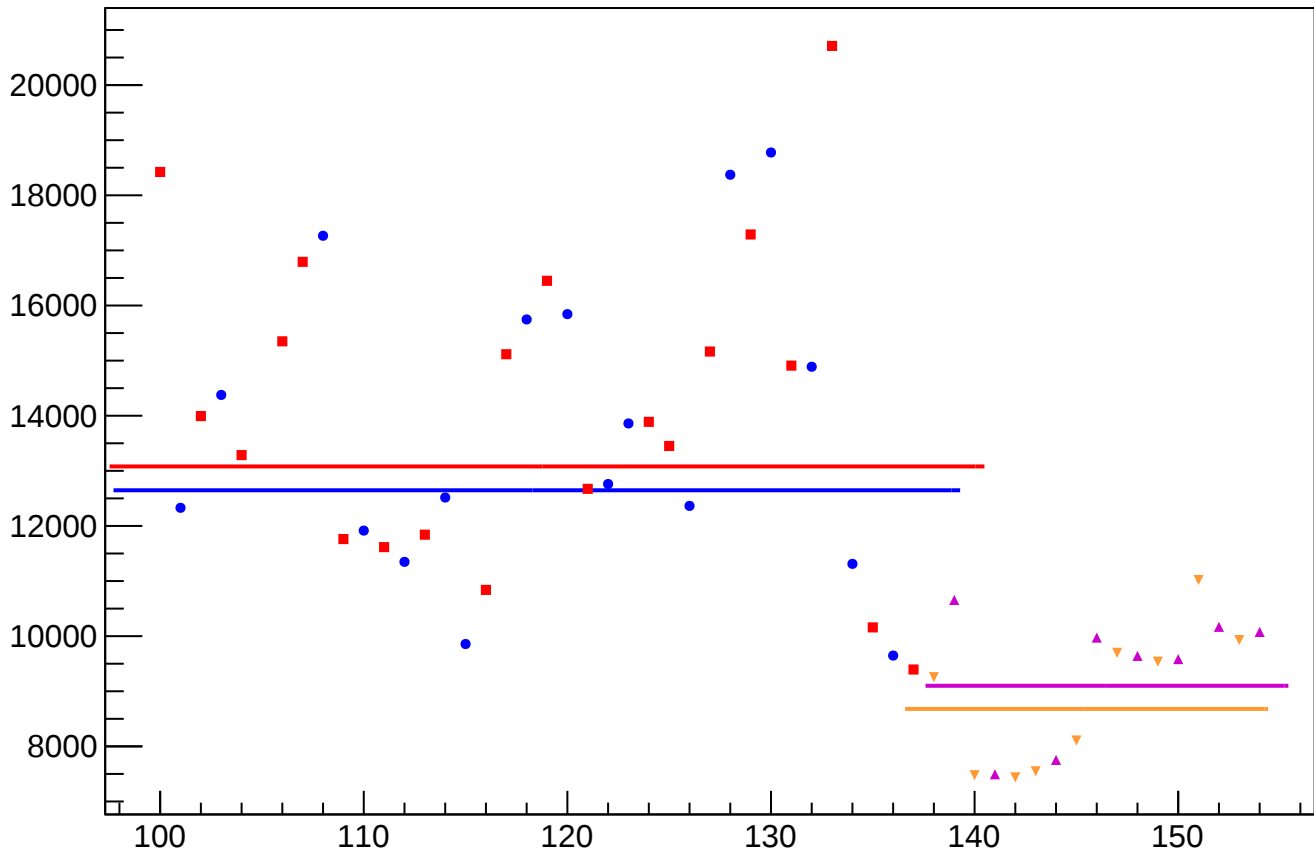
Right Out: -10.369 ± 4.992 $\chi^2/\text{NDF}: 13.8/19$

Left In: -0.425 ± 3.582 $\chi^2/\text{NDF}: 7.6/7$

-10.657 ± 2.835 $\chi^2/\text{NDF}: 44.3/25$

-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: 8679.404+/-2.425 χ^2/NDF :234279.8/8

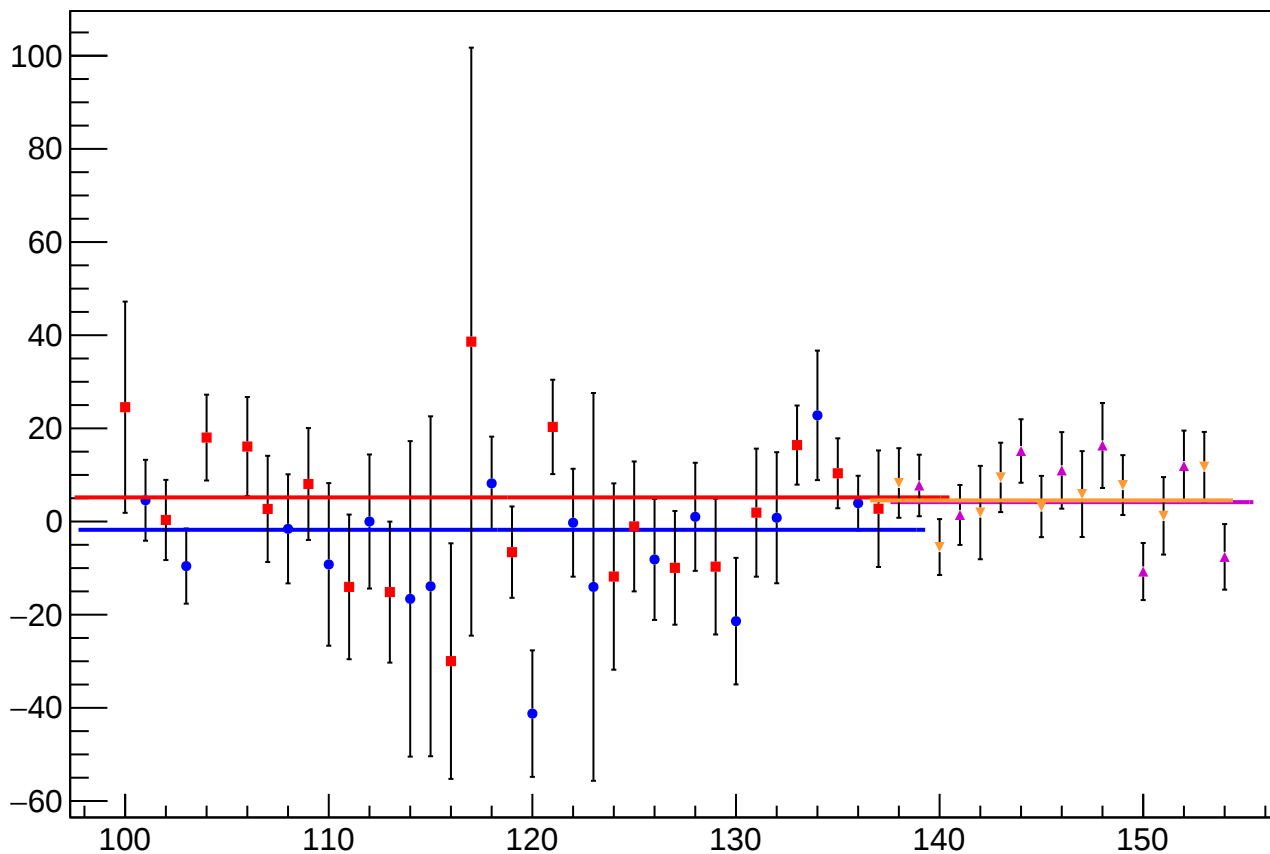
9937.605+/-2.004 χ^2/NDF : 1637244.4/25

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: 4.533+/-2.460 χ^2 /NDF:5.0/8

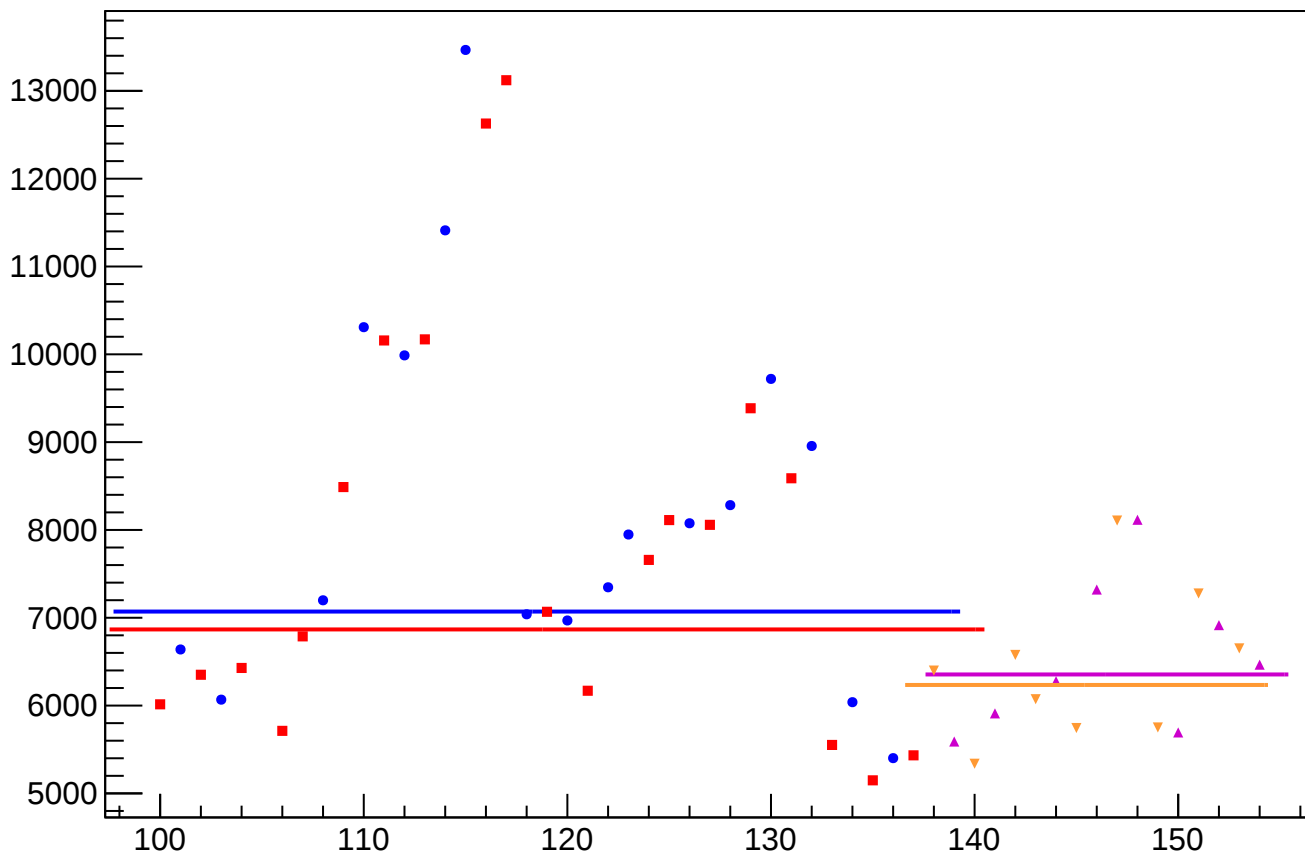
Right Out: 5.181+/-2.640 χ^2 /NDF: 19.2/19

Left In: 4.161+/-2.504 χ^2 /NDF:15.3/7

1.790+/-1.850 χ^2 /NDF: 25.8/25

4.644+/-1.817 χ^2 /NDF: 34.5/27

diff_bpm4eY_rms vs Slug



Right In: 7070.672 ± 1.984 χ^2/NDF : 601692.5/16

Left Out: 6234.827 ± 1.740 χ^2/NDF : 191443.5/8

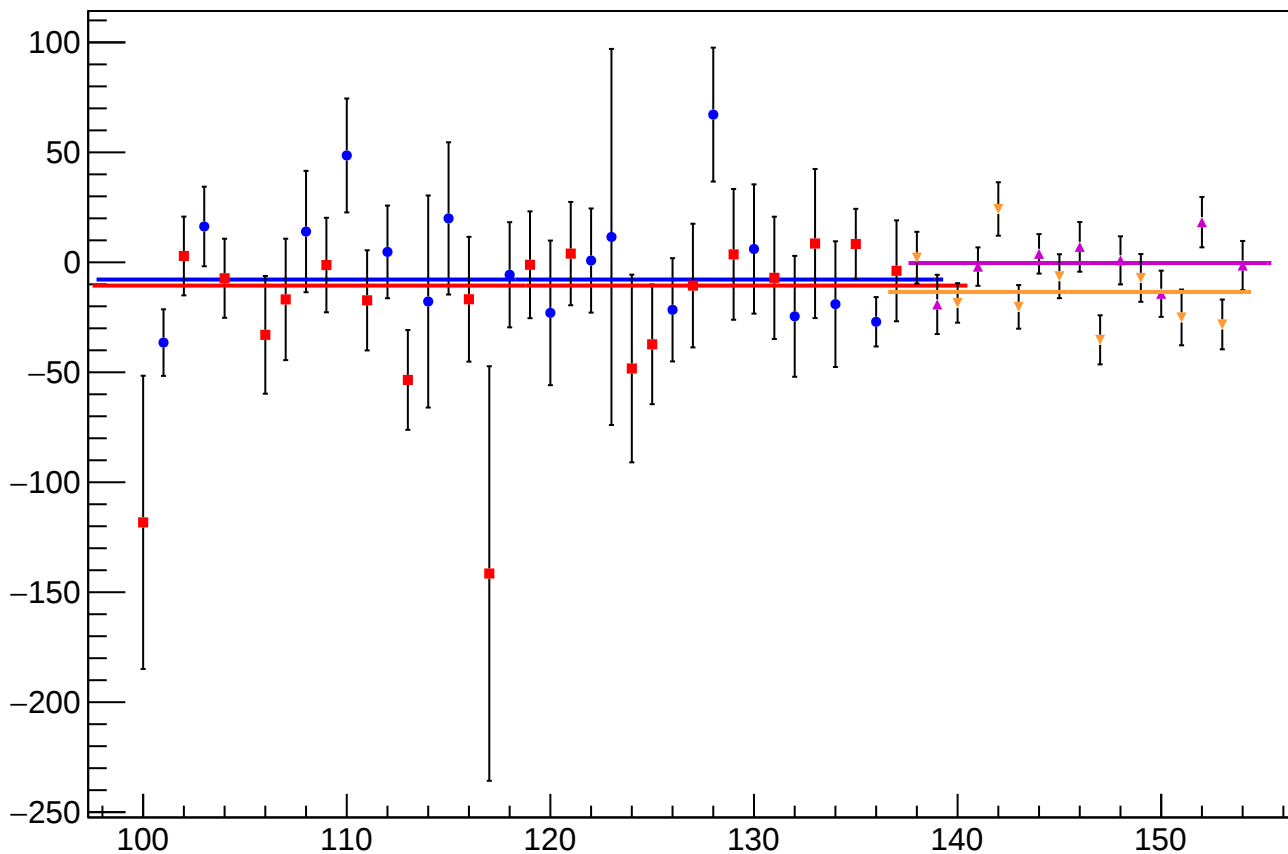
Right Out: 6867.094 ± 1.866 χ^2/NDF : 701892.5/19

Left In: 6354.395 ± 1.771 χ^2/NDF : 173291.3/7

6598.145 ± 1.308 χ^2/NDF : 893460.9/25

6597.235 ± 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: -13.460 ± 3.600 $\chi^2/\text{NDF}: 19.4/8$

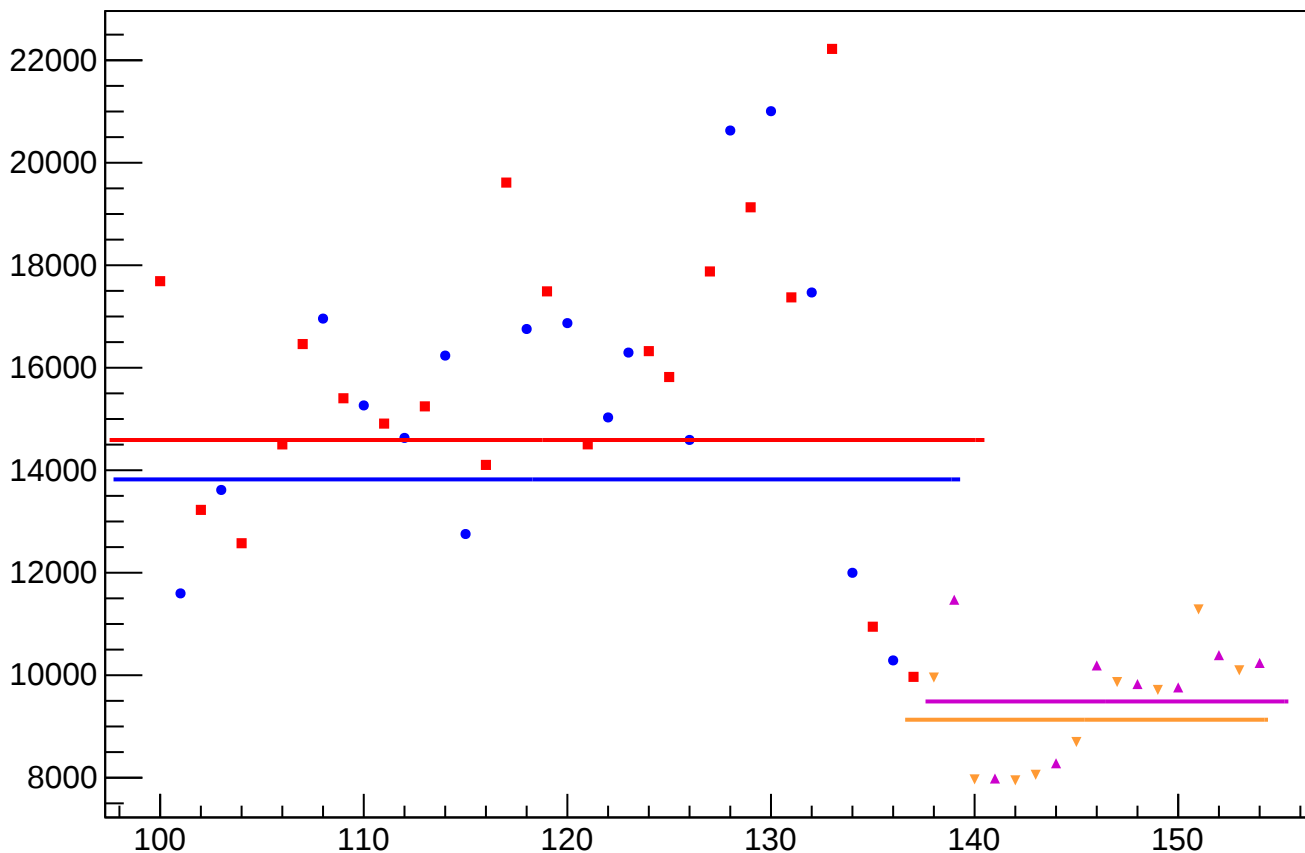
Right Out: -10.574 ± 5.561 $\chi^2/\text{NDF}: 14.1/19$

Left In: -0.310 ± 3.728 $\chi^2/\text{NDF}: 7.1/7$

-11.777 ± 3.015 $\chi^2/\text{NDF}: 42.4/25$

-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: 9131.806+/-2.545 χ^2/NDF : 176290.9/8

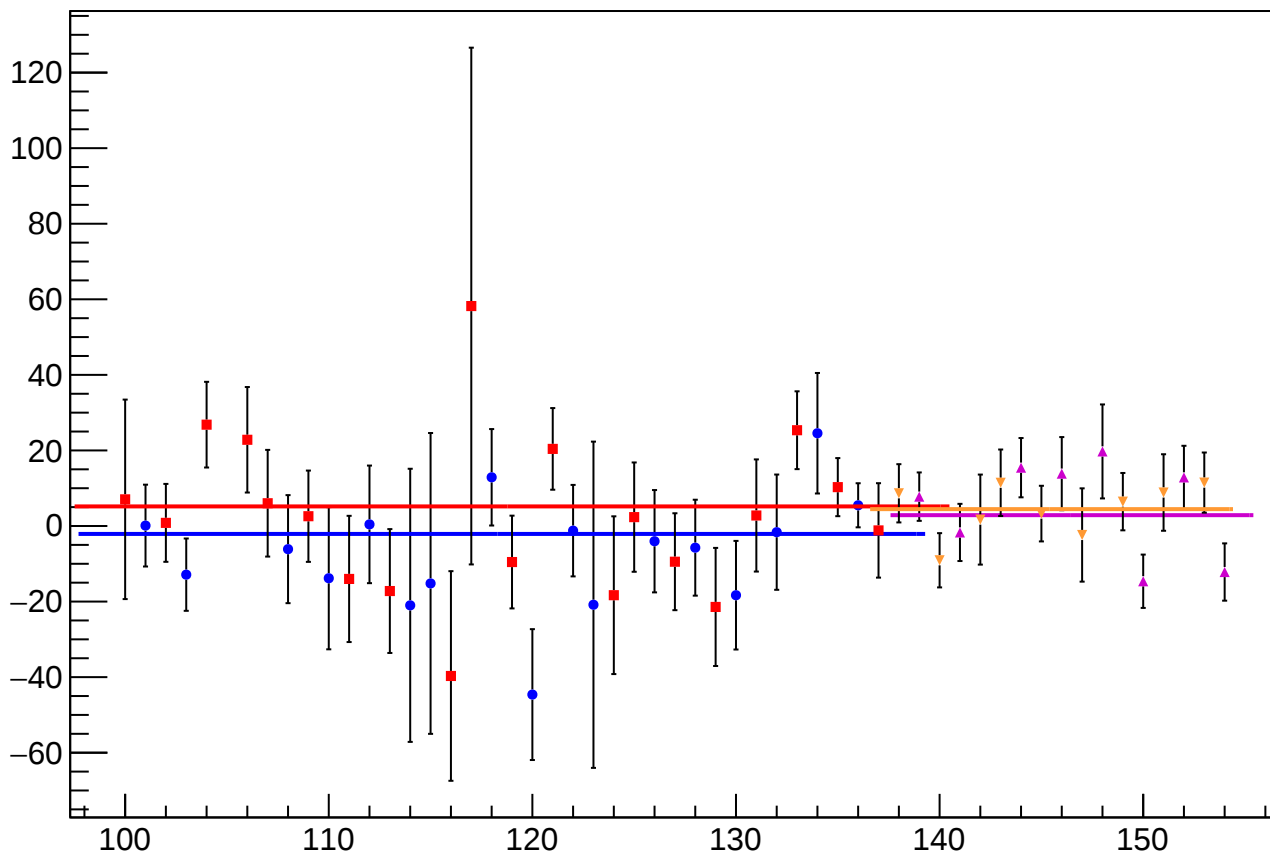
Right Out: 14589.989+/-3.933 χ^2/NDF : 478169.1/19

Left In: 9488.168+/-2.636 χ^2/NDF : 171397.4/7

10532.547+/-2.132 χ^2/NDF : 1792766.3/25

11069.996+/-2.190 χ^2/NDF : 1810800.4/27

diff_bpm4acY_mean vs Slug



Right In: -2.098 ± 3.106 χ^2/NDF : 15.6/16

Left Out: 4.465 ± 2.839 χ^2/NDF : 5.9/8

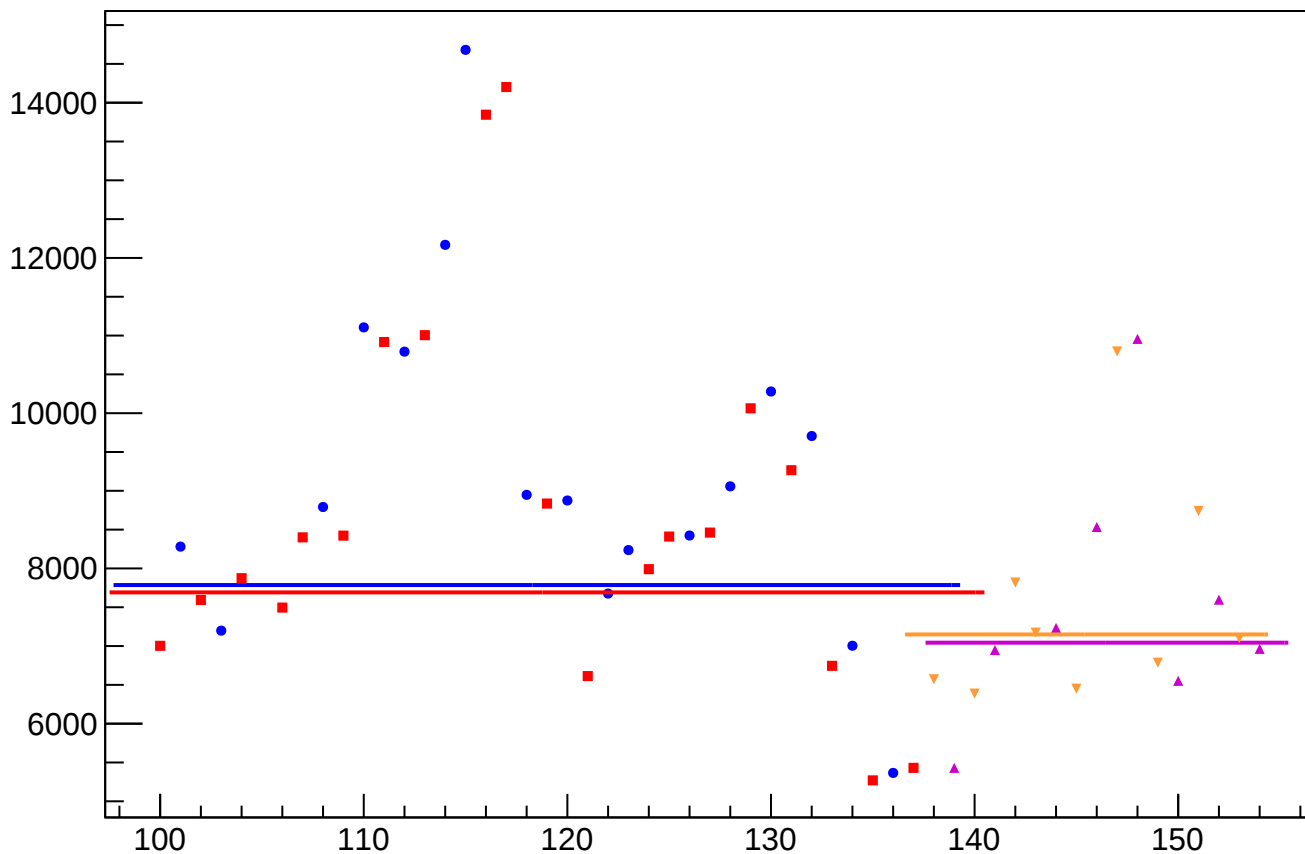
Right Out: 5.184 ± 2.959 χ^2/NDF : 25.4/19

Left In: 2.869 ± 2.806 χ^2/NDF : 18.2/7

1.478 ± 2.096 χ^2/NDF : 24.0/25

3.965 ± 2.036 χ^2/NDF : 43.8/27

diff_bpm4acY_rms vs Slug



Right In: 7785.931+/-2.197 χ^2/NDF : 738101.9/16

Left Out: 7149.485+/-2.007 χ^2/NDF : 286513.1/8

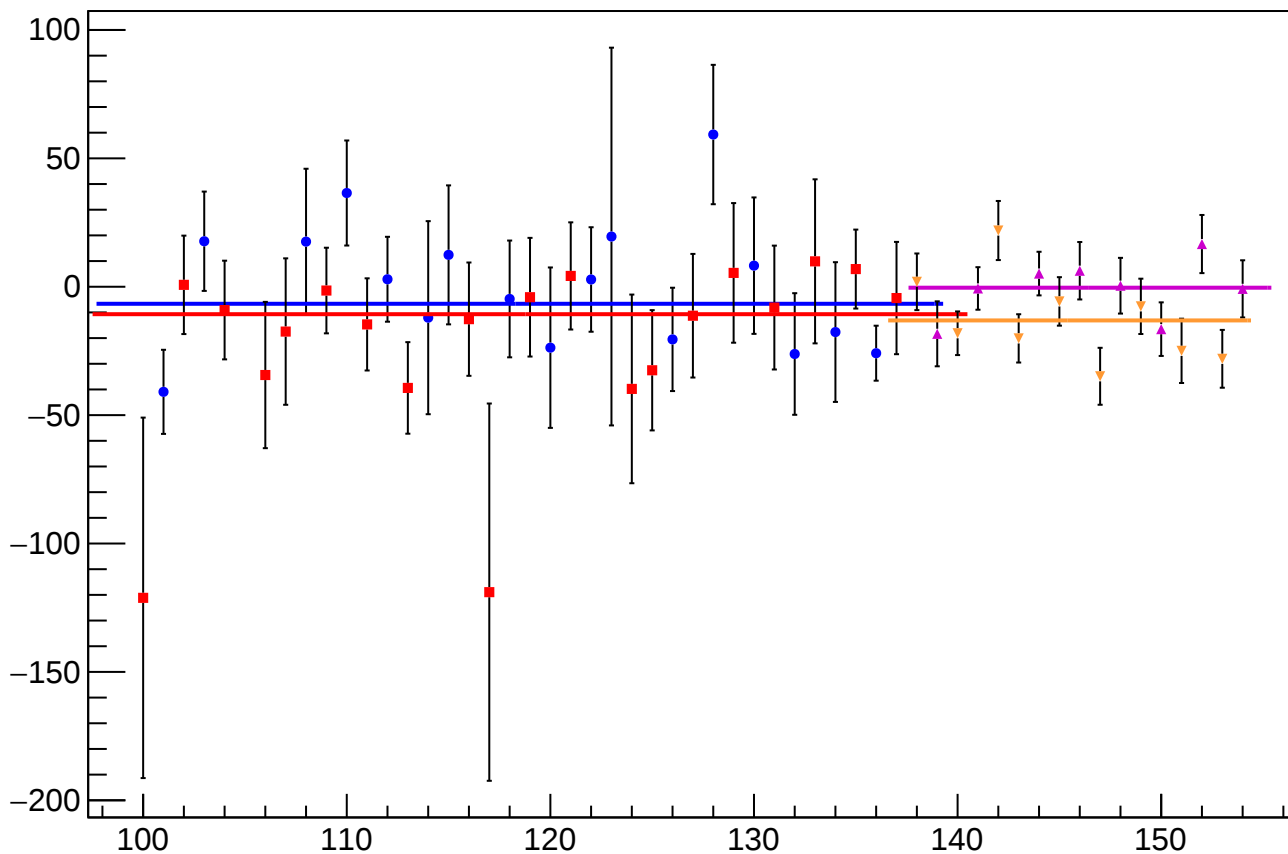
Right Out: 7691.398+/-2.093 χ^2/NDF : 686898.9/19

Left In: 7043.463+/-1.984 χ^2/NDF : 392461.8/7

7439.116+/-1.482 χ^2/NDF : 1070361.1/25

7350.230+/-1.440 χ^2/NDF : 1129840.1/27

diff_bpm4ecX_mean vs Slug



Right In: -6.634 ± 5.101 $\chi^2/\text{NDF}: 23.4/16$

Left Out: -13.118 ± 3.467 $\chi^2/\text{NDF}: 19.4/8$

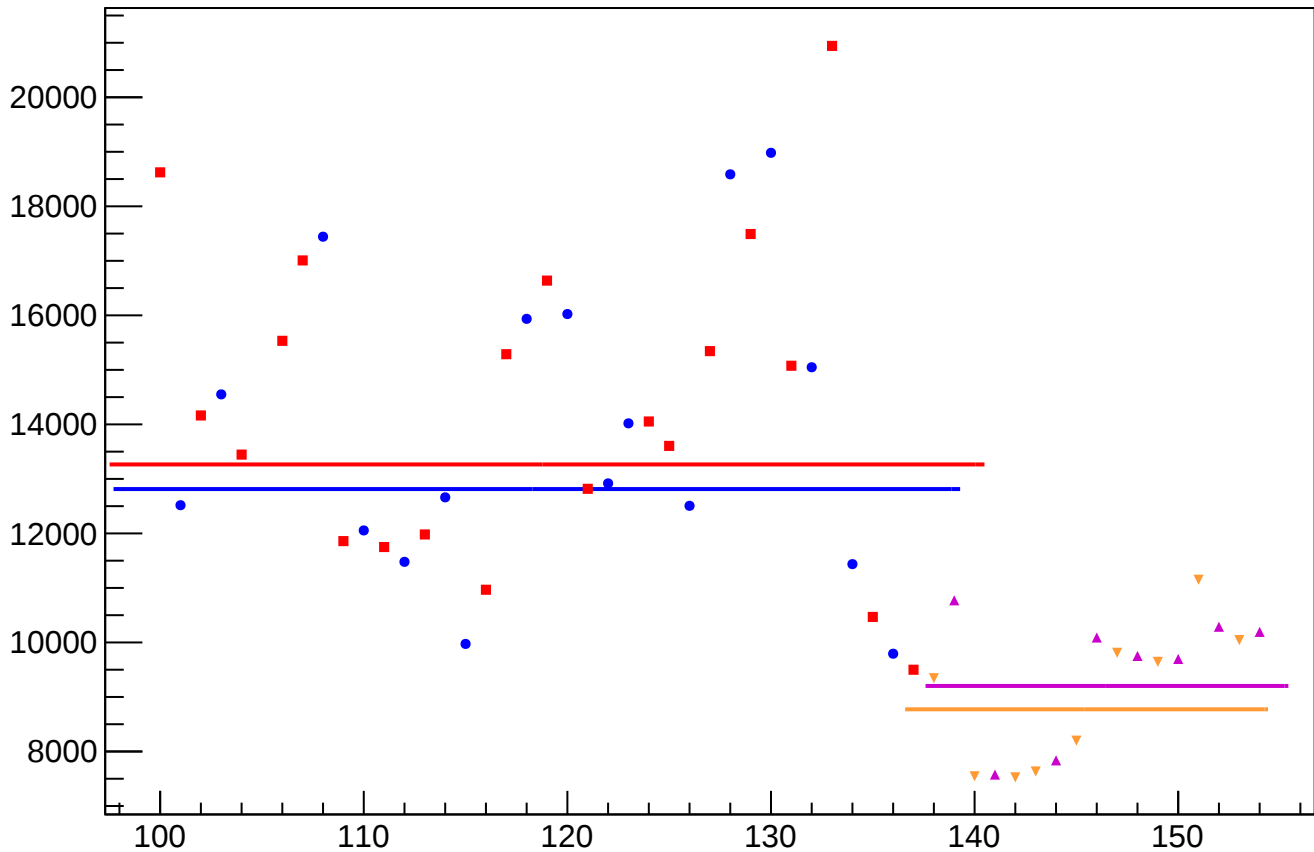
Right Out: -10.688 ± 5.063 $\chi^2/\text{NDF}: 13.0/19$

Left In: -0.374 ± 3.622 $\chi^2/\text{NDF}: 7.4/7$

-11.069 ± 2.868 $\chi^2/\text{NDF}: 43.9/25$

-3.866 ± 2.946 $\chi^2/\text{NDF}: 23.2/27$

diff_bpm4ecX_rms vs Slug



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 8773.555+/-2.452 χ^2/NDF : 235525.1/8

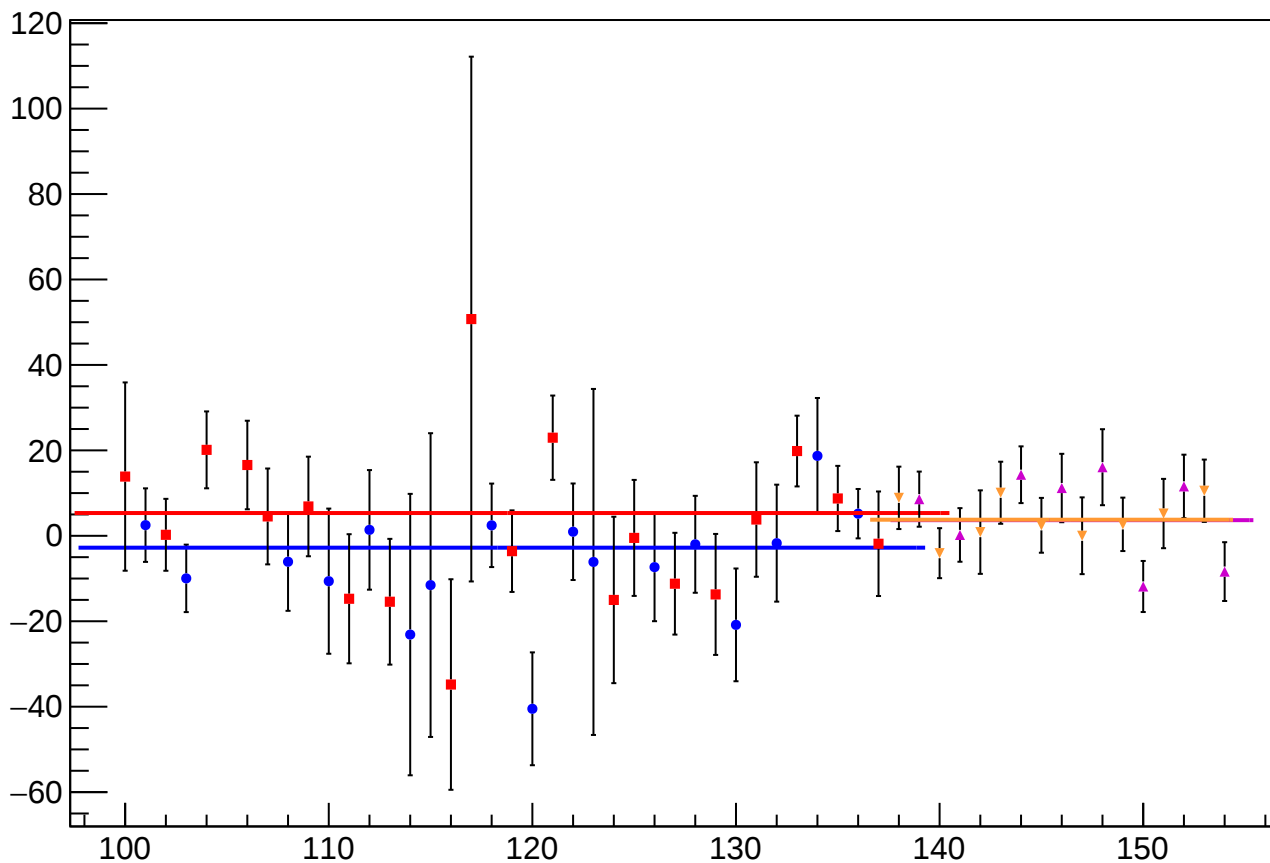
10050.309+/-2.028 χ^2/NDF : 1641696.1/25

Right Out: 13265.185+/-3.580 χ^2/NDF : 485810.1/19

10577.644+/-2.083 χ^2/NDF : 1553942.1/27

Left In: 9202.148+/-2.561 χ^2/NDF : 216075.5/7

diff_bpm4ecY_mean vs Slug



Right In: -2.778 ± 2.747 χ^2/NDF : 17.0/16

Left Out: 3.767 ± 2.400 χ^2/NDF : 4.3/8

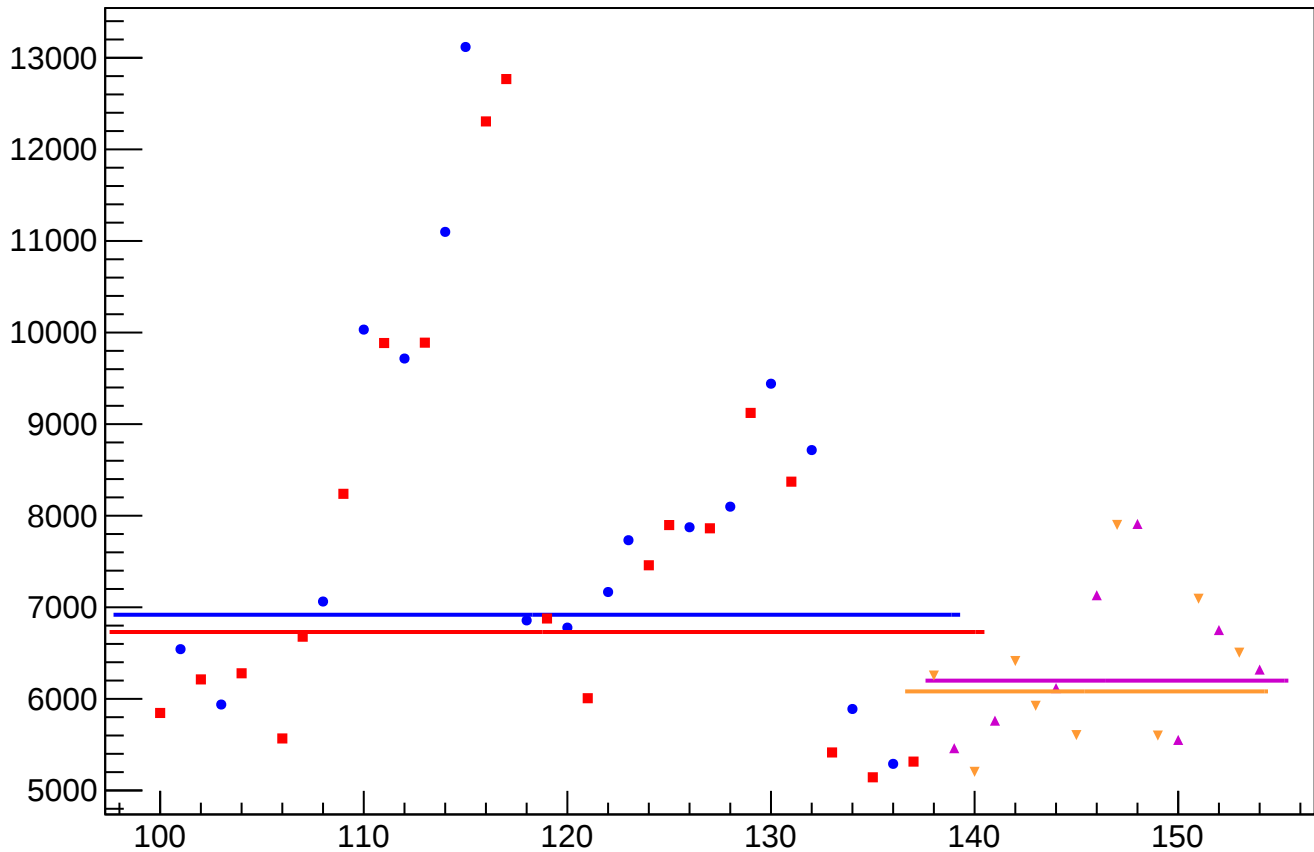
Right Out: 5.332 ± 2.587 χ^2/NDF : 24.1/19

Left In: 3.663 ± 2.443 χ^2/NDF : 17.2/7

0.934 ± 1.807 χ^2/NDF : 24.5/25

4.450 ± 1.776 χ^2/NDF : 41.5/27

diff_bpm4ecY_rms vs Slug



Right In: 6918.554+/-1.943 χ^2/NDF : 587976.6/16

Left Out: 6081.587+/-1.697 χ^2/NDF : 192069.2/8

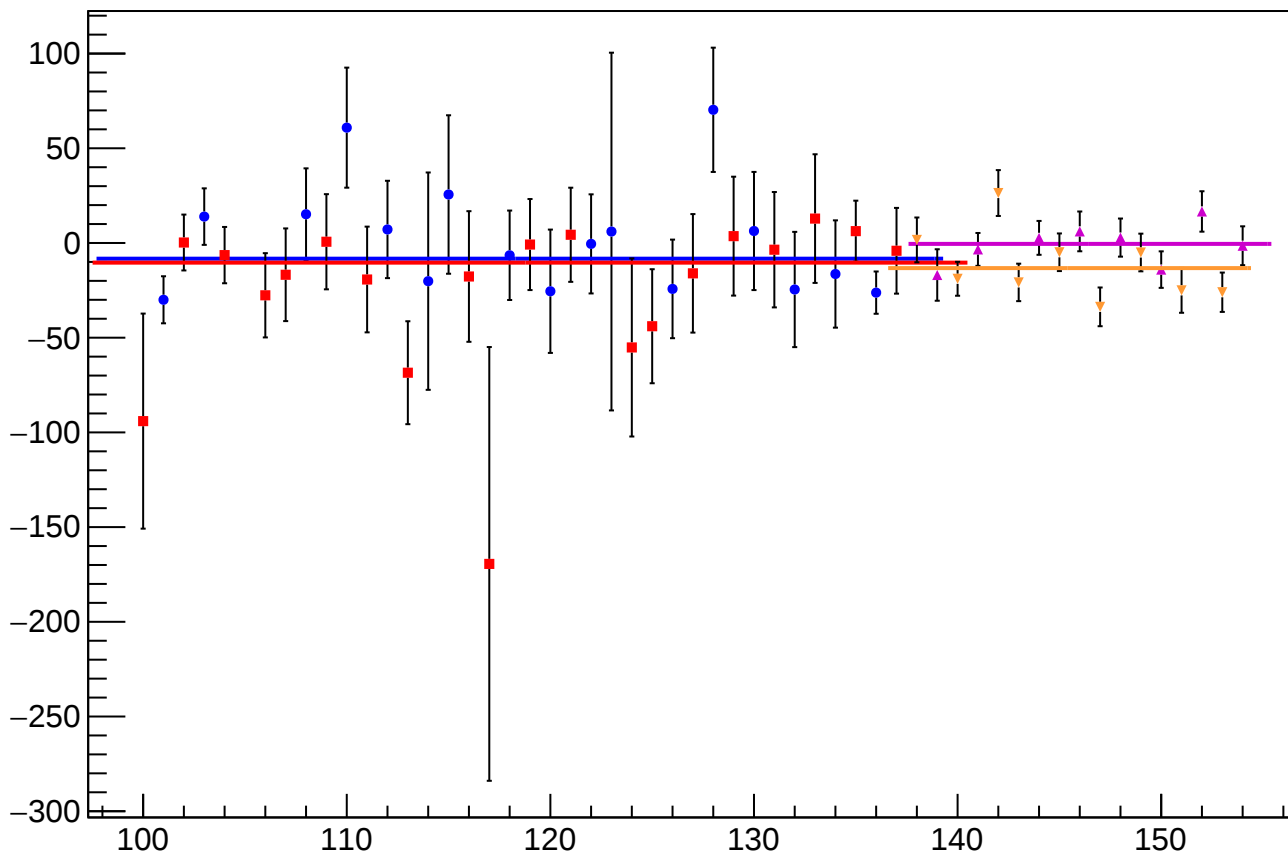
Right Out: 6730.137+/-1.830 χ^2/NDF : 673193.1/19

Left In: 6199.083+/-1.727 χ^2/NDF : 172430.6/7

6443.888+/-1.278 χ^2/NDF : 885331.0/25

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: -13.264 ± 3.474 χ^2/NDF : 21.2/8

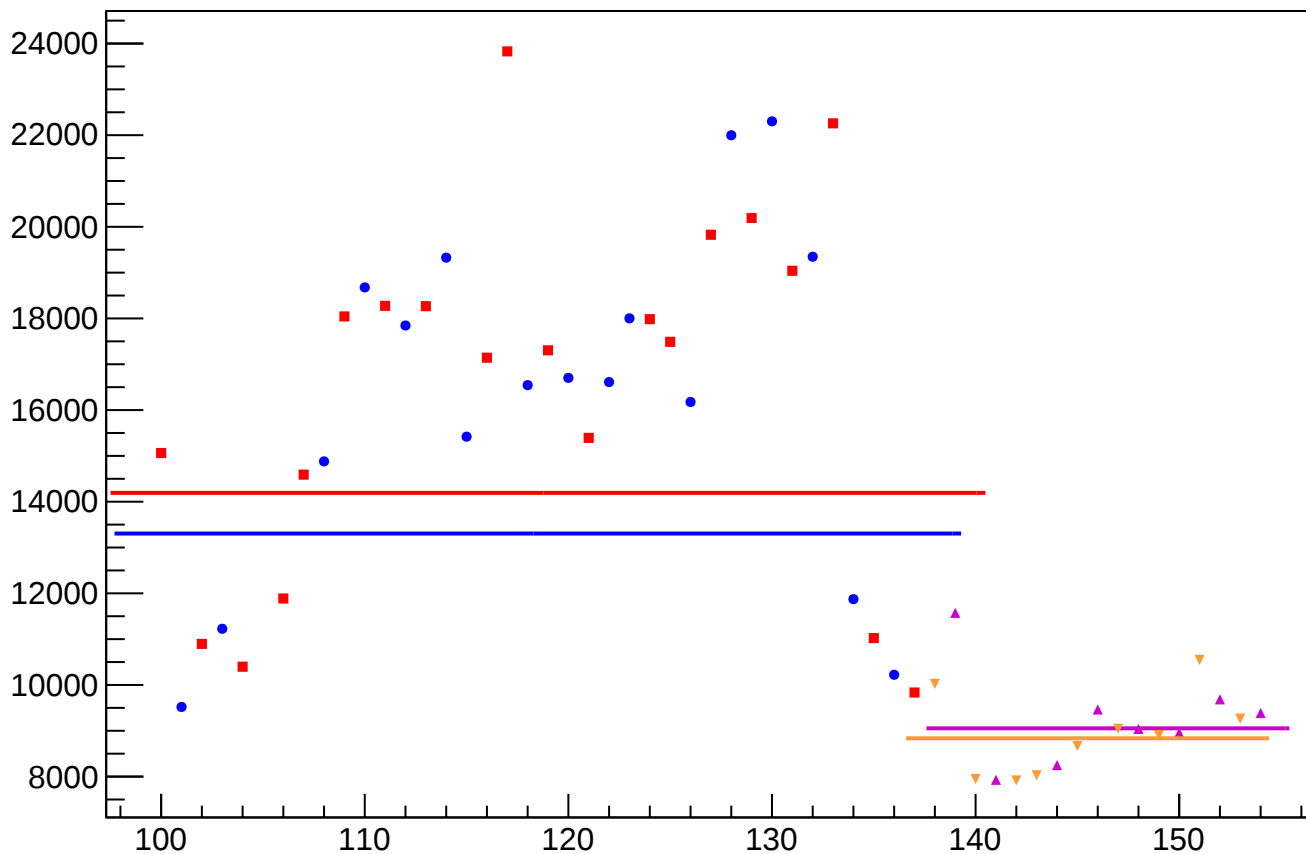
Right Out: -10.376 ± 5.507 χ^2/NDF : 14.8/19

Left In: -0.478 ± 3.553 χ^2/NDF : 6.8/7

-11.811 ± 2.923 χ^2/NDF : 43.5/25

-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: 8836.180+/-2.456 χ^2/NDF :111396.9/8

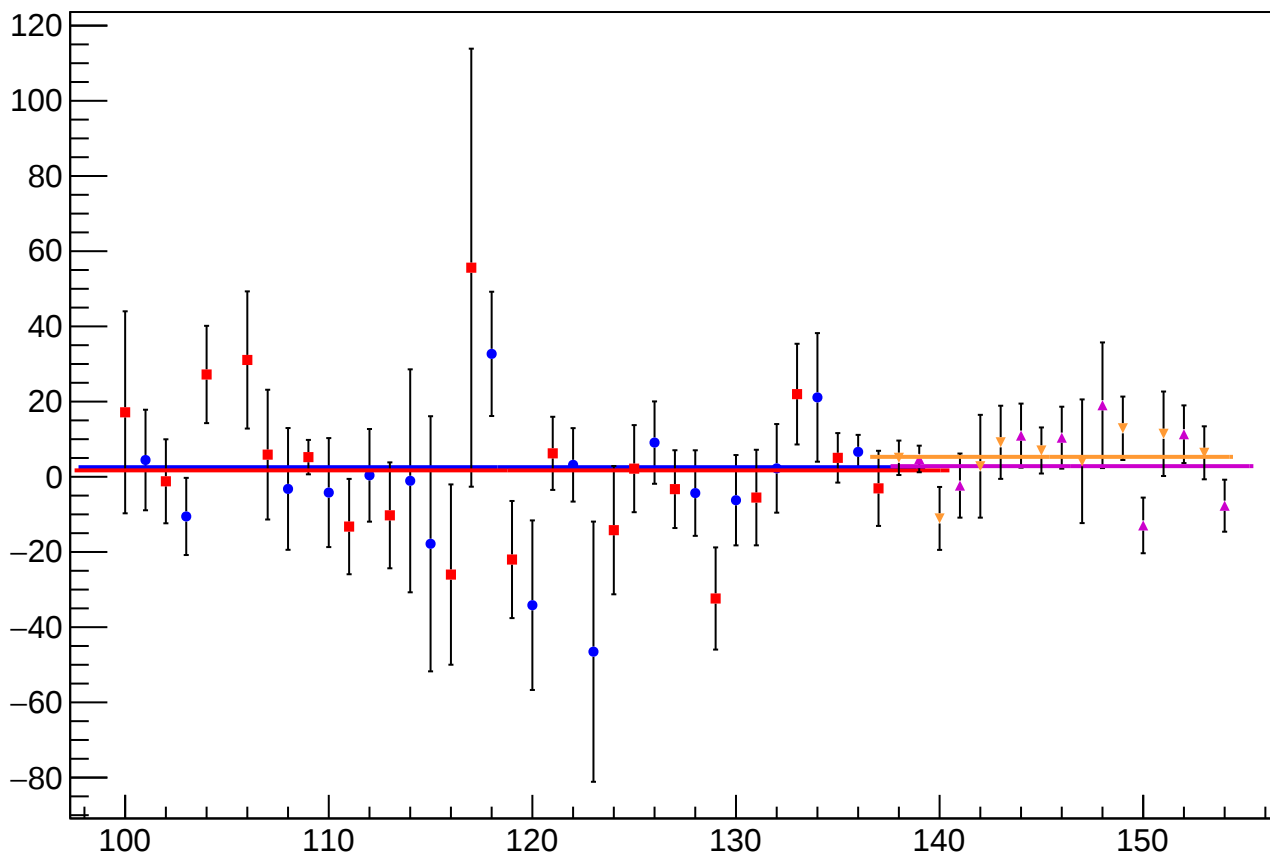
Right Out: 14193.006+/-3.894 χ^2/NDF : 944809.1/19

Left In: 9053.404+/-2.512 χ^2/NDF :130870.8/7

10140.768+/-2.067 χ^2/NDF : 2121918.8/25

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: 5.301 ± 2.579 χ^2/NDF : 5.2/8

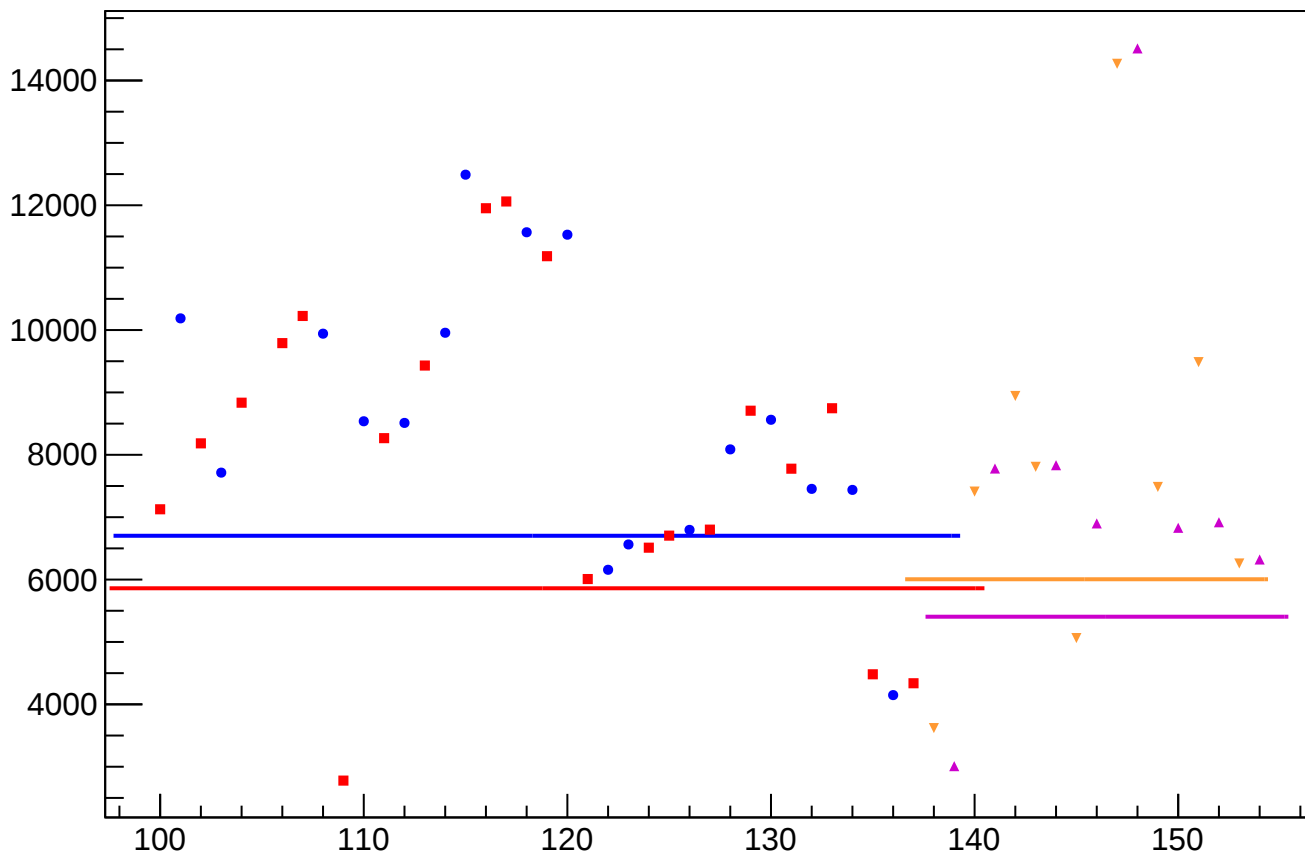
Right Out: 1.708 ± 2.440 χ^2/NDF : 24.9/19

Left In: 2.830 ± 2.343 χ^2/NDF : 11.4/7

4.017 ± 1.883 χ^2/NDF : 19.4/25

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: 6005.122 ± 1.824 χ^2/NDF : 1568370.2/8

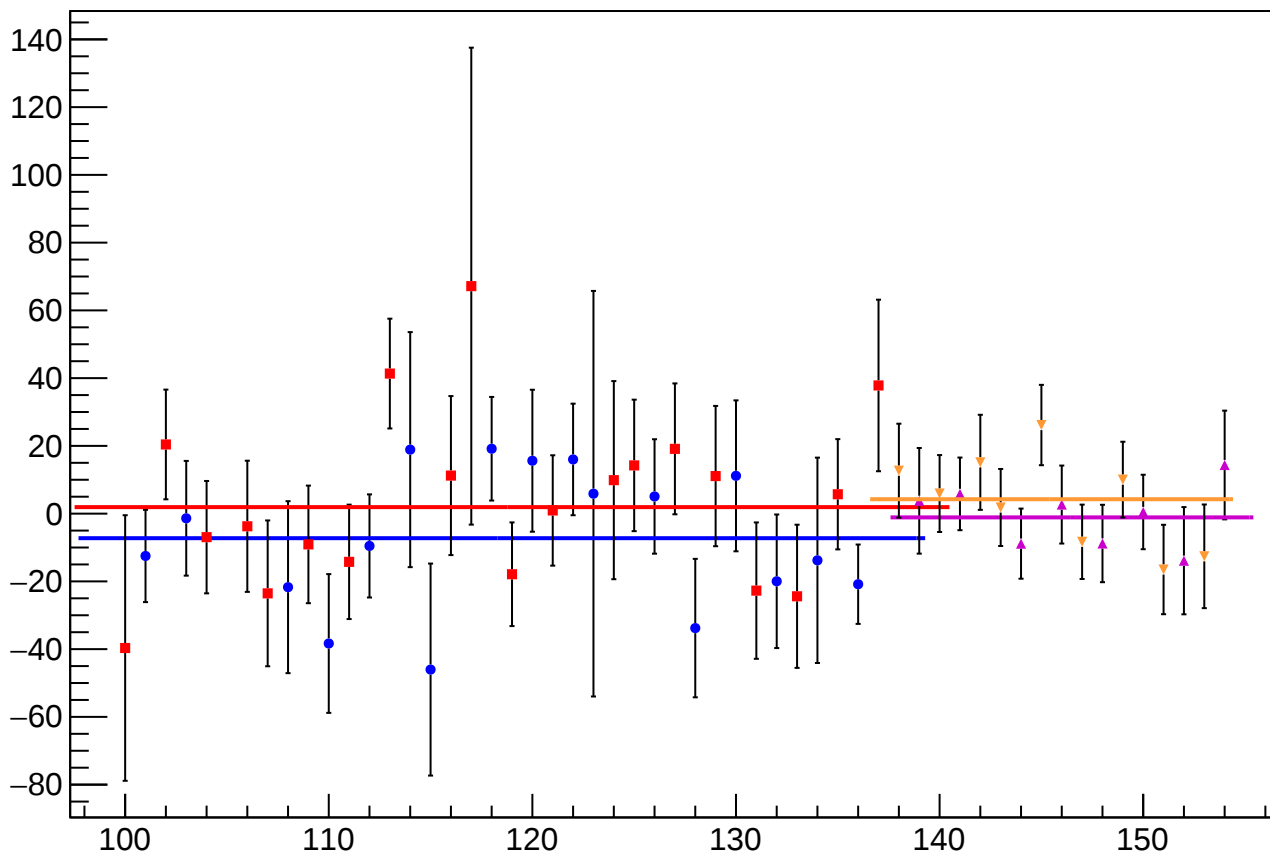
Right Out: 5860.505 ± 1.725 χ^2/NDF : 2301163.3/19

Left In: 5404.745 ± 1.657 χ^2/NDF : 2084581.8/7

6330.513 ± 1.332 χ^2/NDF : 3026523.2/25

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: 4.254 ± 4.110 χ^2/NDF : 9.7/8

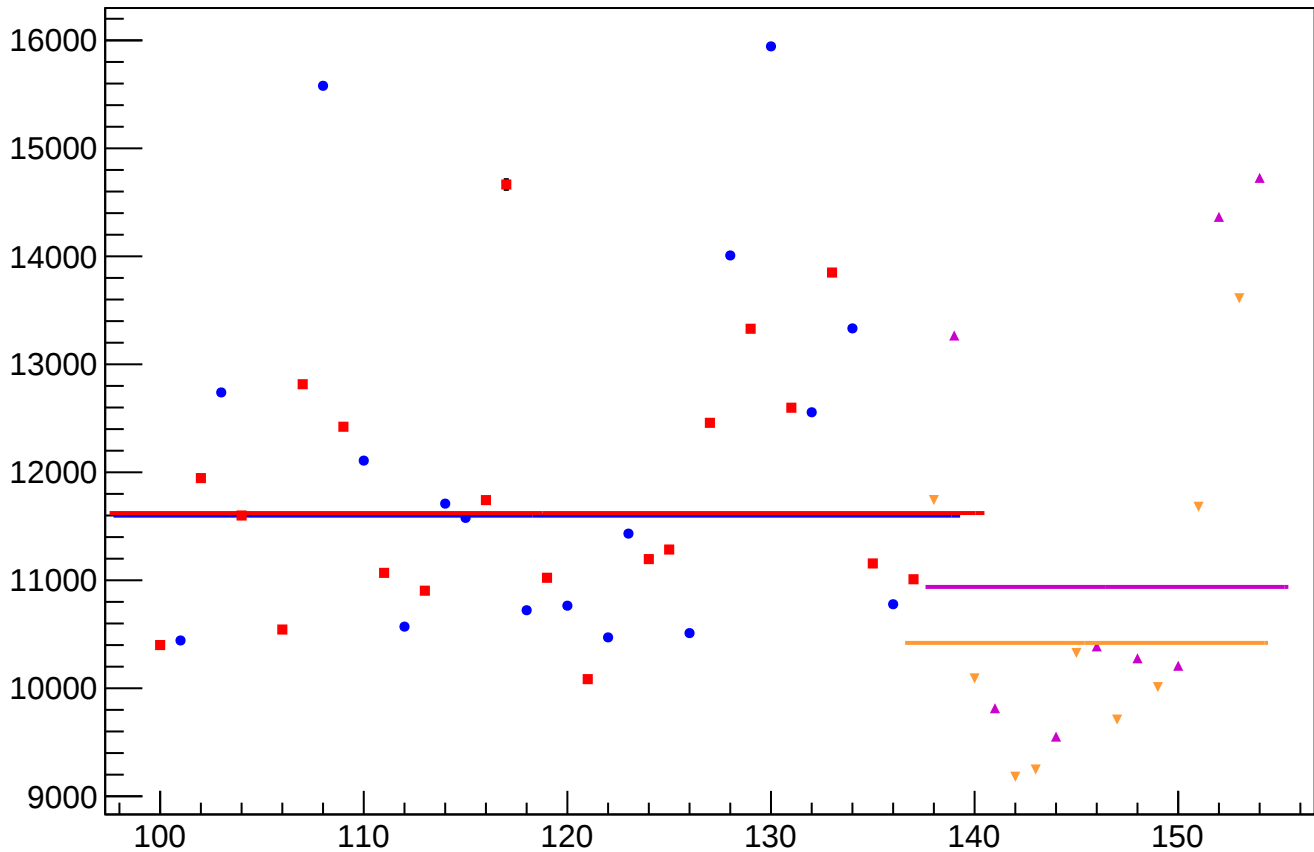
Right Out: 1.922 ± 4.365 χ^2/NDF : 20.7/19

Left In: -1.108 ± 4.323 χ^2/NDF : 3.2/7

-0.917 ± 3.049 χ^2/NDF : 29.2/25

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: 10420.204+/-2.906 χ^2/NDF : 173189.4/8

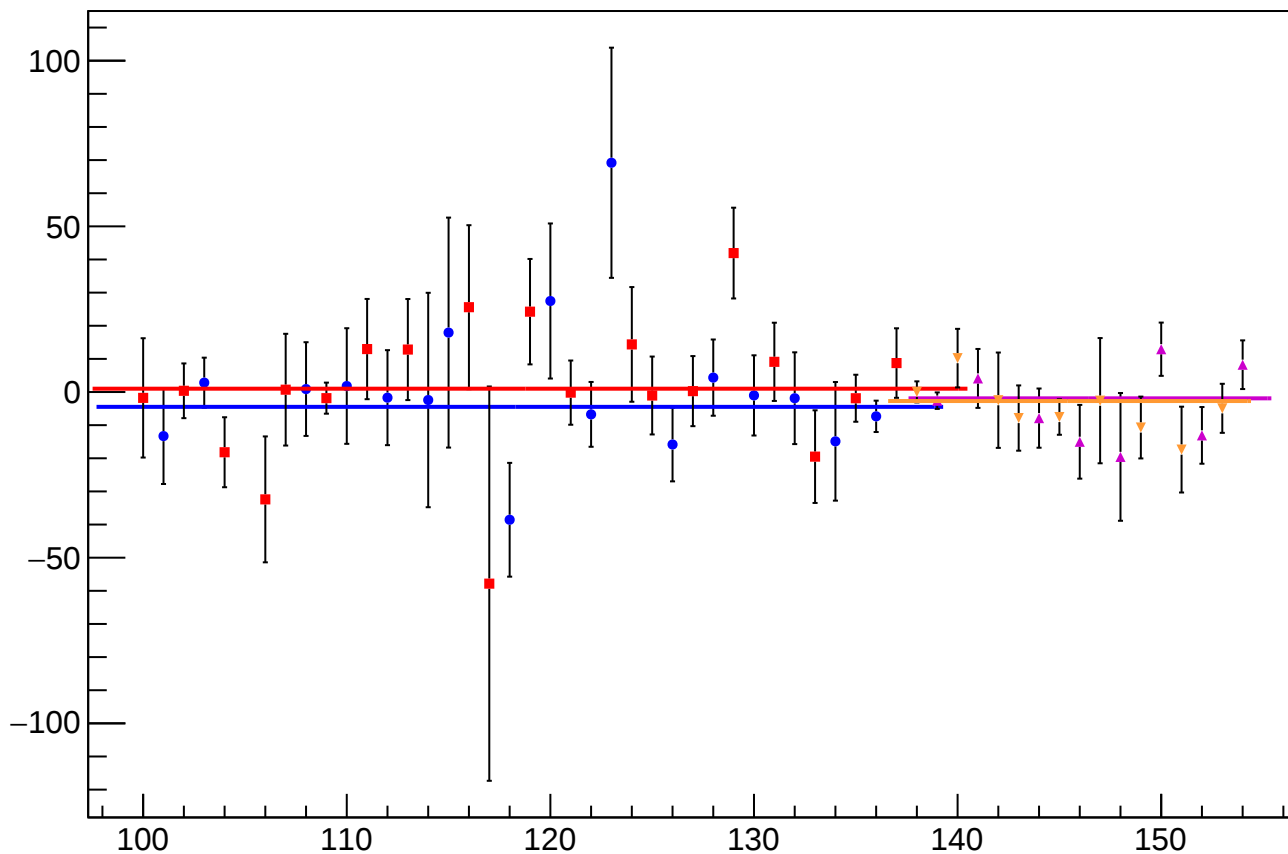
Right Out: 11622.681+/-3.086 χ^2/NDF : 98197.0/19

Left In: 10938.631+/-3.057 χ^2/NDF : 327708.5/7

10950.176+/-2.156 χ^2/NDF : 482556.9/25

11277.387+/-2.172 χ^2/NDF : 450703.5/27

diff_bpm11Y_mean vs Slug



Right In: -4.476 ± 2.782 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -2.721 ± 2.234 $\chi^2/\text{NDF}: 6.1/8$

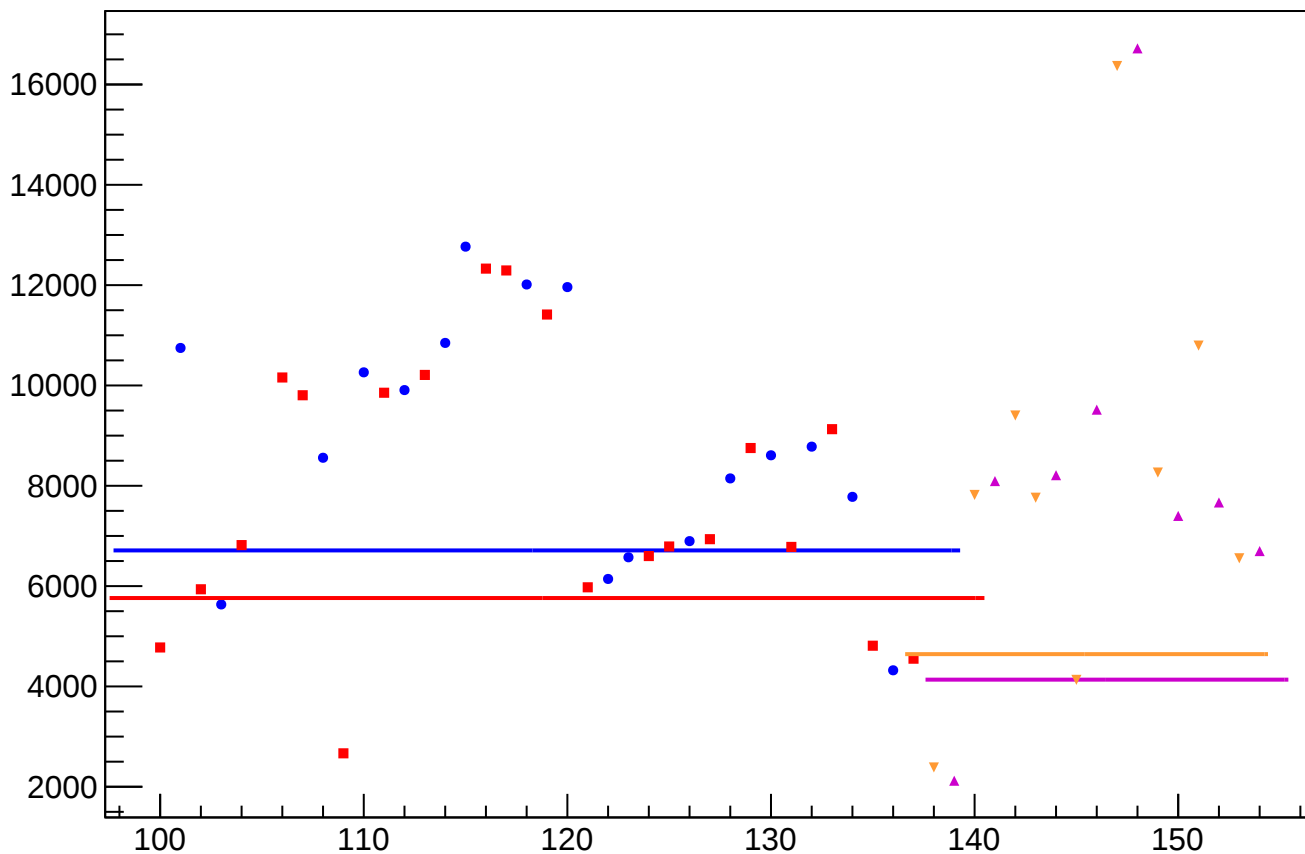
Right Out: 1.007 ± 2.427 $\chi^2/\text{NDF}: 25.0/19$

Left In: -1.907 ± 2.021 $\chi^2/\text{NDF}: 10.2/7$

-3.409 ± 1.742 $\chi^2/\text{NDF}: 21.2/25$

-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: 4643.993+/-1.580 χ^2/NDF : 3361214.0/8

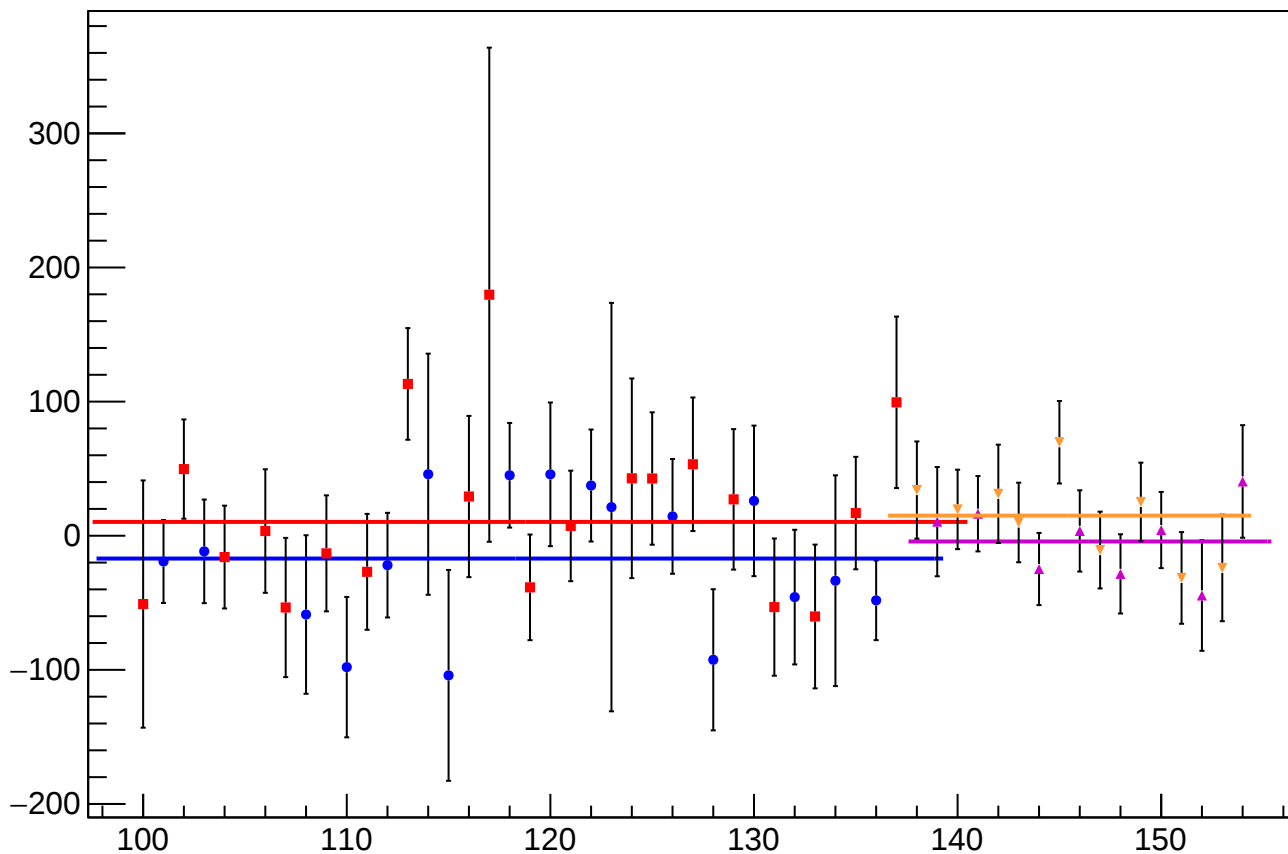
Right Out: 5762.387+/-1.716 χ^2/NDF : 2189239.7/19

Left In: 4135.312+/-1.429 χ^2/NDF : 4354905.4/7

5454.708+/-1.232 χ^2/NDF : 5479846.8/25

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: 14.995 ± 10.712 χ^2/NDF : 7.4/8

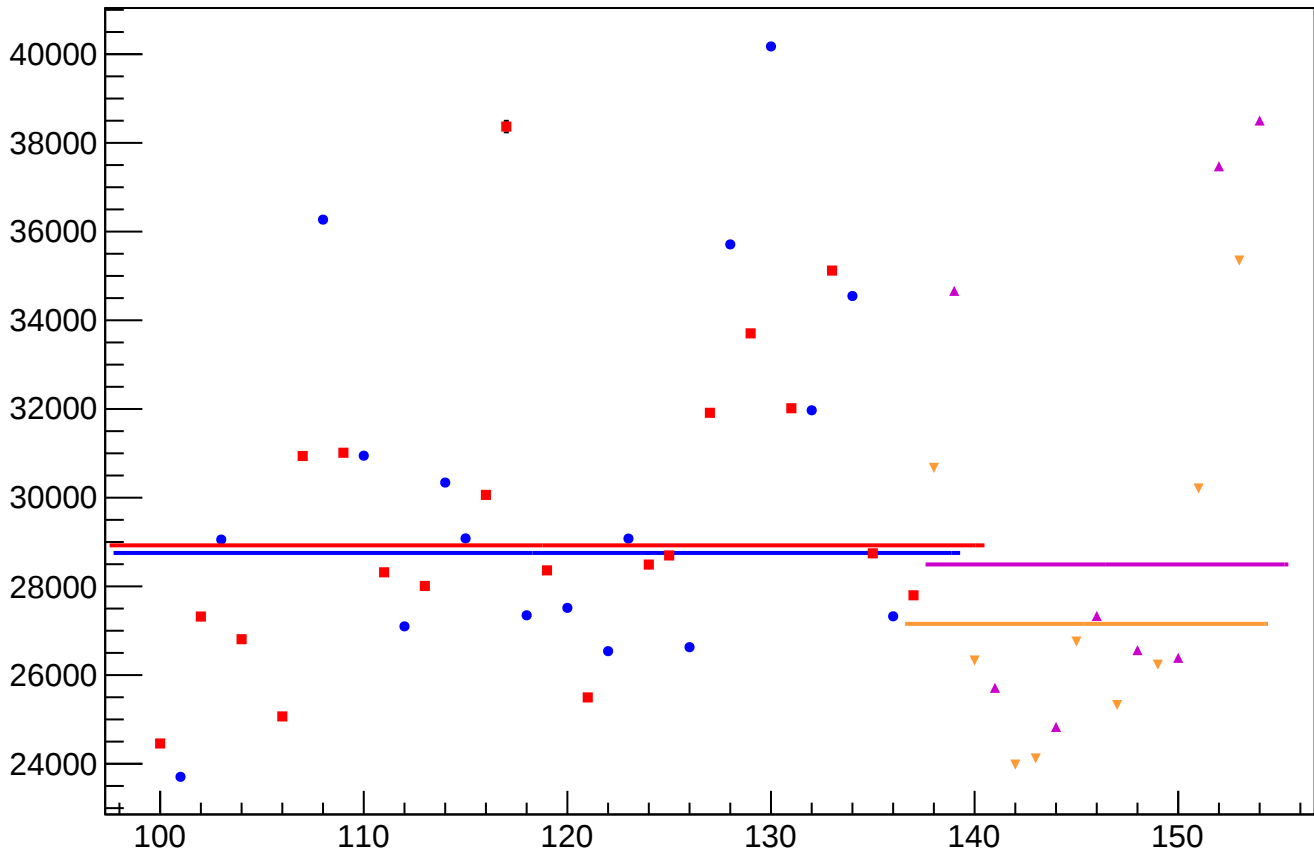
Right Out: 10.311 ± 10.872 χ^2/NDF : 19.9/19

Left In: -4.279 ± 11.264 χ^2/NDF : 4.2/7

-0.172 ± 7.770 χ^2/NDF : 26.6/25

3.275 ± 7.823 χ^2/NDF : 25.0/27

diff_bpm12X_rms vs Slug



Right In: 28753.787 ± 7.981 $\chi^2/\text{NDF}: 249215.1/16$

Left Out: 27155.250 ± 7.575 $\chi^2/\text{NDF}: 167771.2/8$

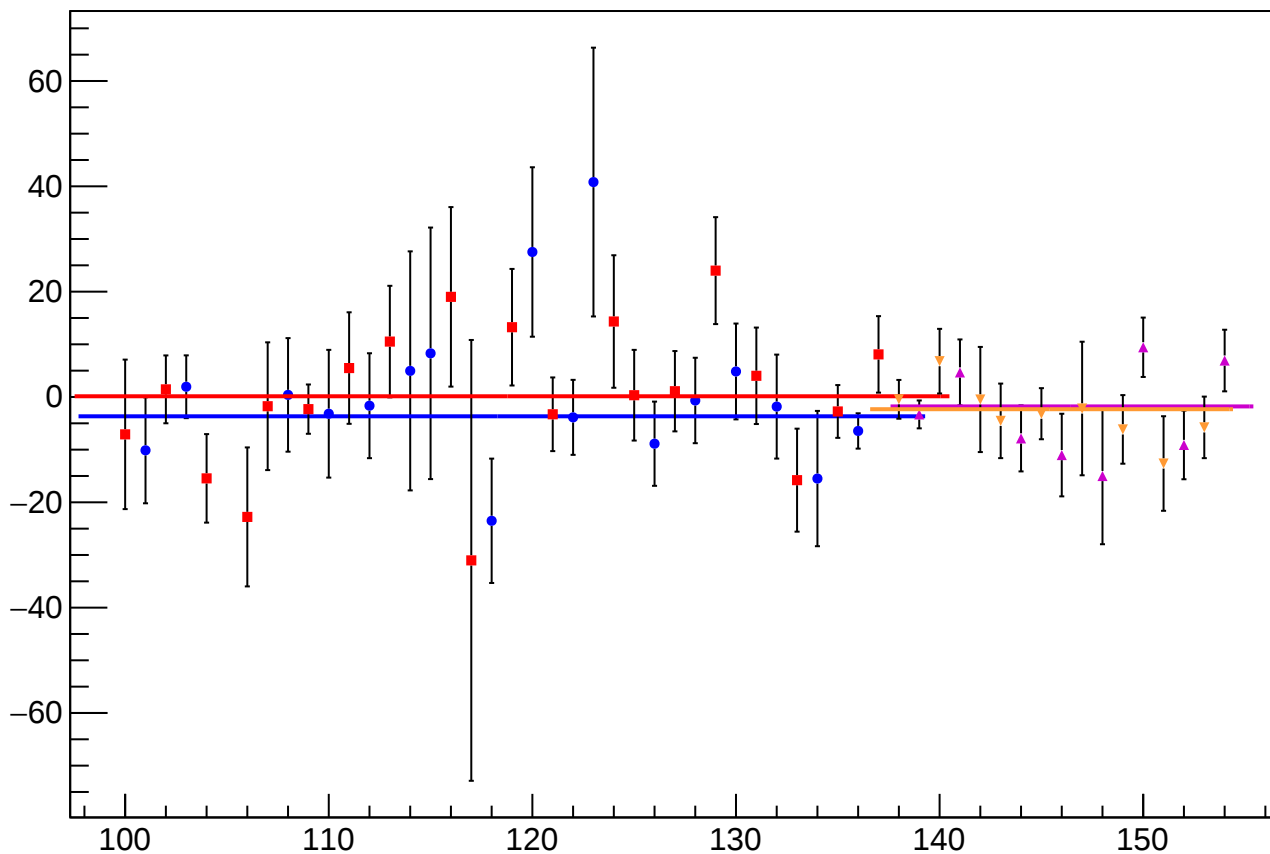
27912.785 ± 5.494 $\chi^2/\text{NDF}: 438091.3/25$

Right Out: 28925.160 ± 7.687 $\chi^2/\text{NDF}: 116514.7/19$

28717.530 ± 5.531 $\chi^2/\text{NDF}: 451497.2/27$

Left In: 28494.643 ± 7.965 $\chi^2/\text{NDF}: 333469.9/7$

diff_bpm12Y_mean vs Slug



Right In: -3.668 ± 2.010 χ^2/NDF : 14.5/16

-2.999 ± 1.426 χ^2/NDF : 19.4/25

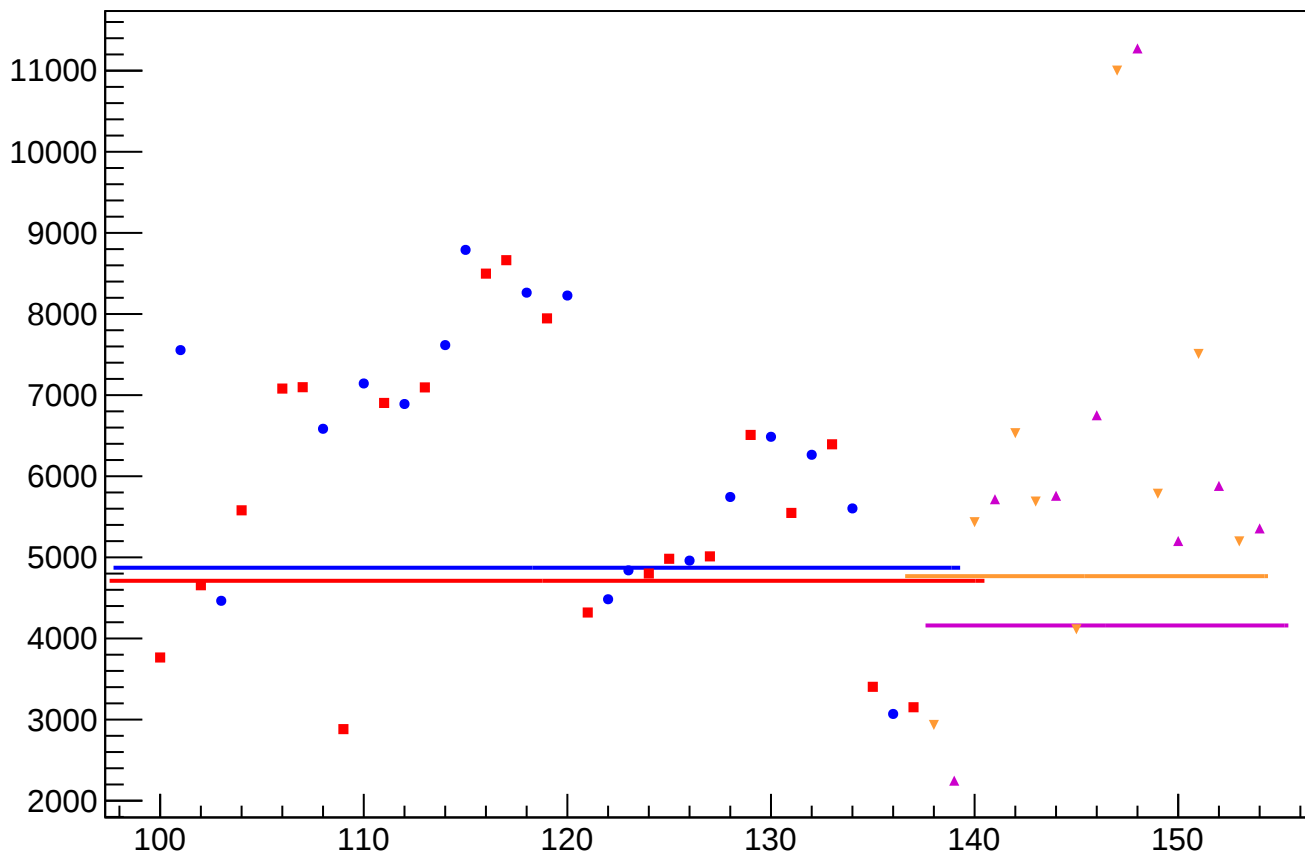
Left Out: -2.321 ± 2.024 χ^2/NDF : 4.6/8

Right Out: 0.135 ± 1.891 χ^2/NDF : 22.9/19

-0.862 ± 1.313 χ^2/NDF : 35.6/27

Left In: -1.791 ± 1.825 χ^2/NDF : 12.2/7

diff_bpm12Y_rms vs Slug



Right In: 4872.105+/-1.421 χ^2/NDF : 1405253.2/16

Left Out: 4768.279+/-1.431 χ^2/NDF :1380517.2/8

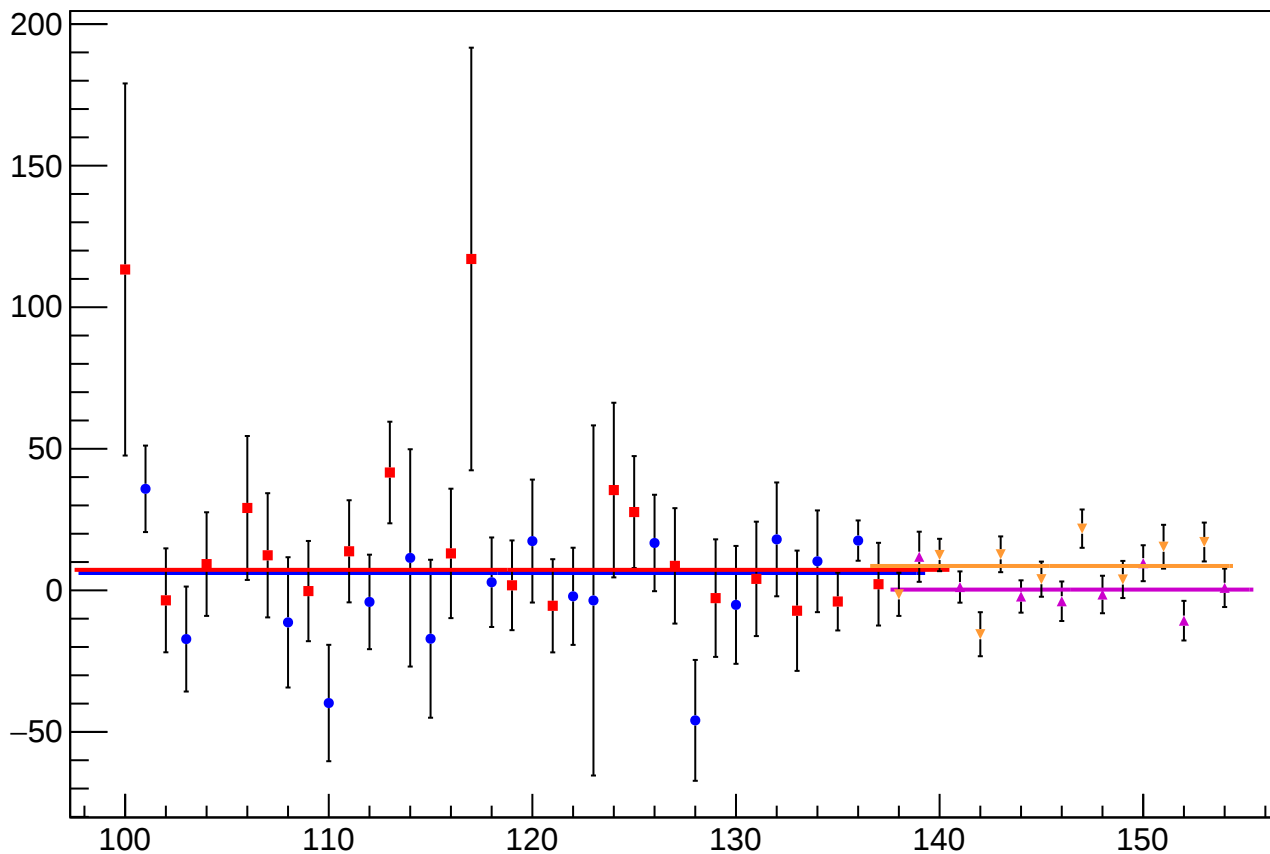
4820.548+/-1.008 χ^2/NDF : 2788420.8/25

Right Out: 4711.077+/-1.337 χ^2/NDF : 1330595.4/19

4425.987+/-0.929 χ^2/NDF : 3830352.6/27

Left In: 4160.344+/-1.291 χ^2/NDF :2411917.9/7

diff_bpm16X_mean vs Slug



Right In: 6.133 ± 4.080 $\chi^2/\text{NDF}: 22.2/16$

Left Out: 8.613 ± 2.245 $\chi^2/\text{NDF}: 19.4/8$

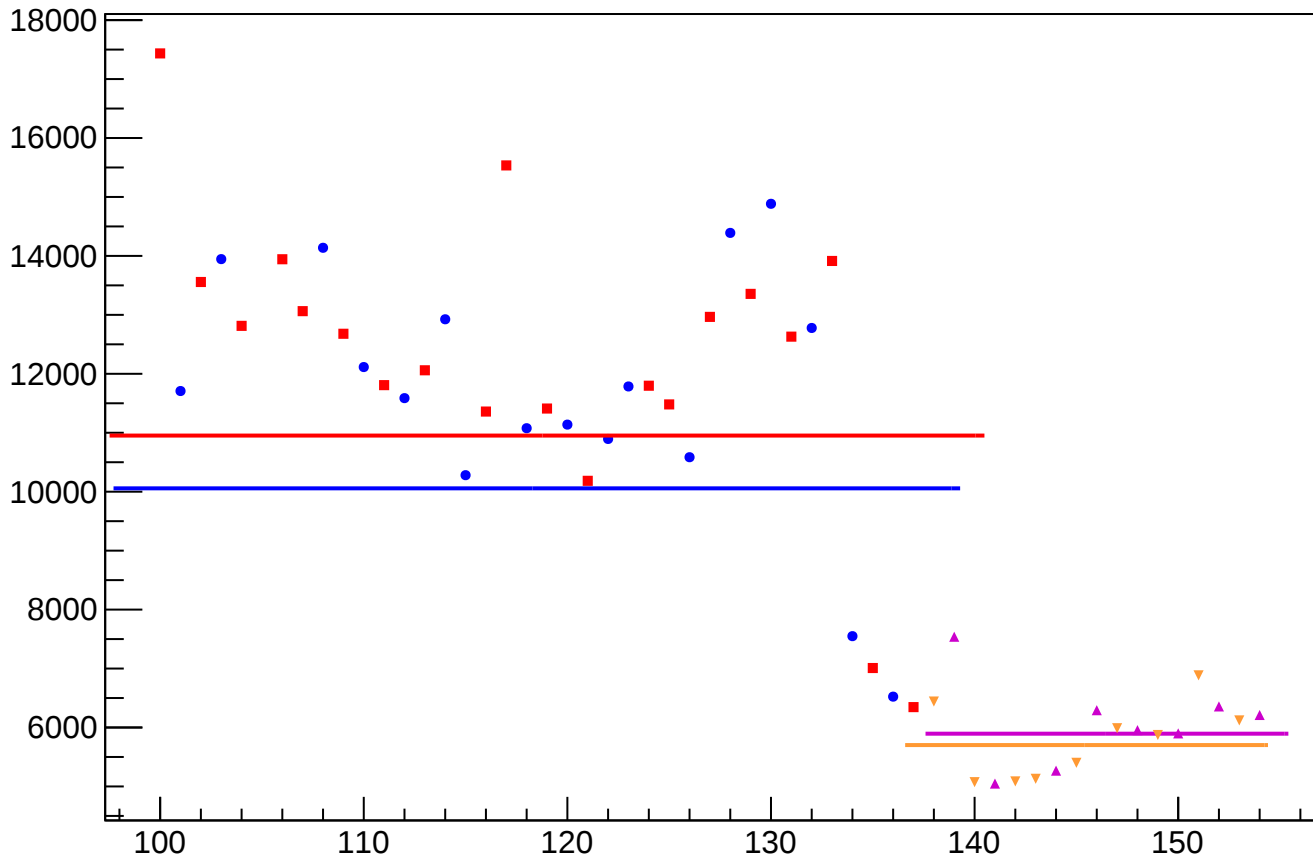
Right Out: 7.243 ± 4.218 $\chi^2/\text{NDF}: 14.6/19$

Left In: 0.269 ± 2.316 $\chi^2/\text{NDF}: 7.0/7$

8.037 ± 1.967 $\chi^2/\text{NDF}: 41.9/25$

1.884 ± 2.030 $\chi^2/\text{NDF}: 23.7/27$

diff_bpm16X_rms vs Slug



Right In: 10056.991 $\pm$ 2.885 χ^2 /NDF: 1002872.6/16

Left Out: 5701.951 $\pm$ 1.587 χ^2 /NDF:135864.8/8

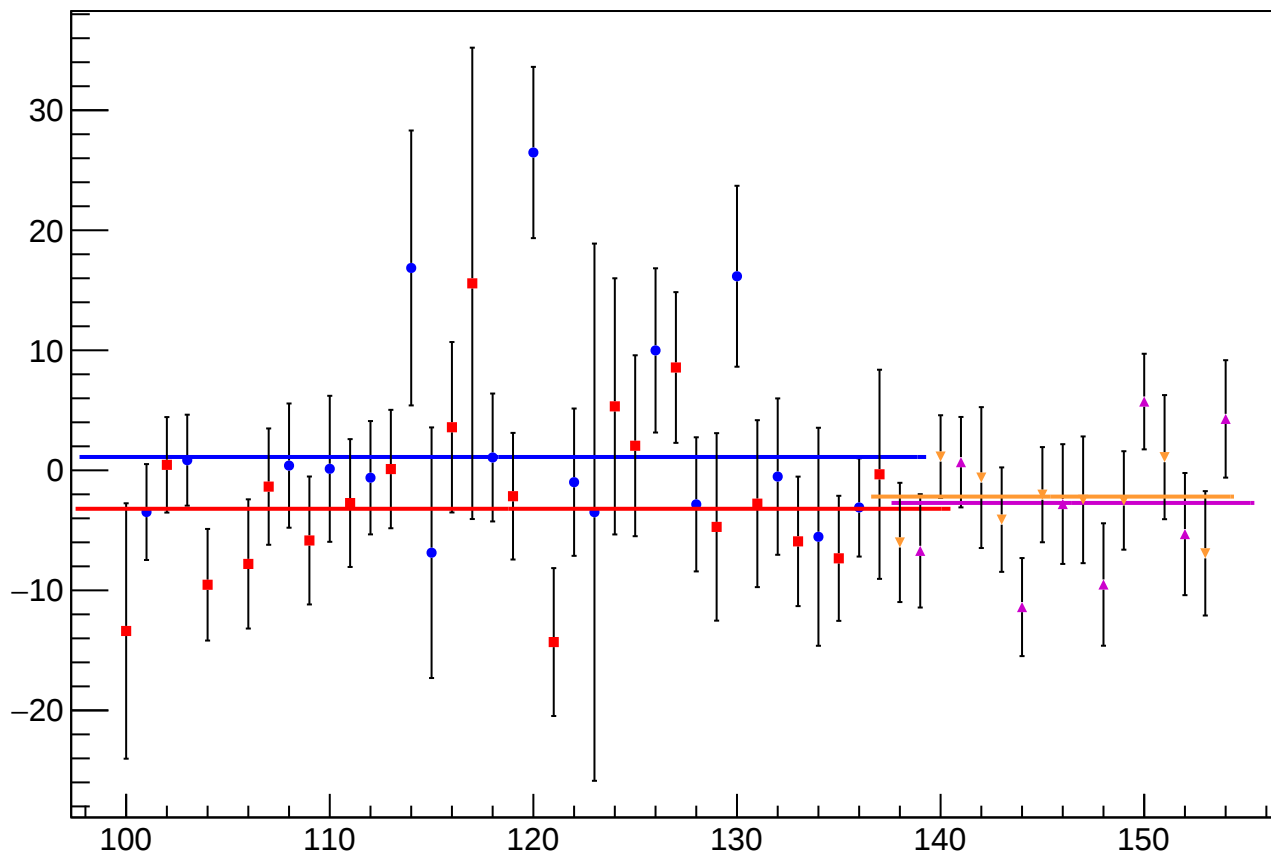
Right Out: 10952.255 $\pm$ 2.982 χ^2 /NDF: 770474.3/19

Left In: 5894.952 $\pm$ 1.637 χ^2 /NDF:159935.0/7

6713.900 $\pm$ 1.391 χ^2 /NDF: 2887810.4/25

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: -2.188 ± 1.507 χ^2/NDF : 3.0/8

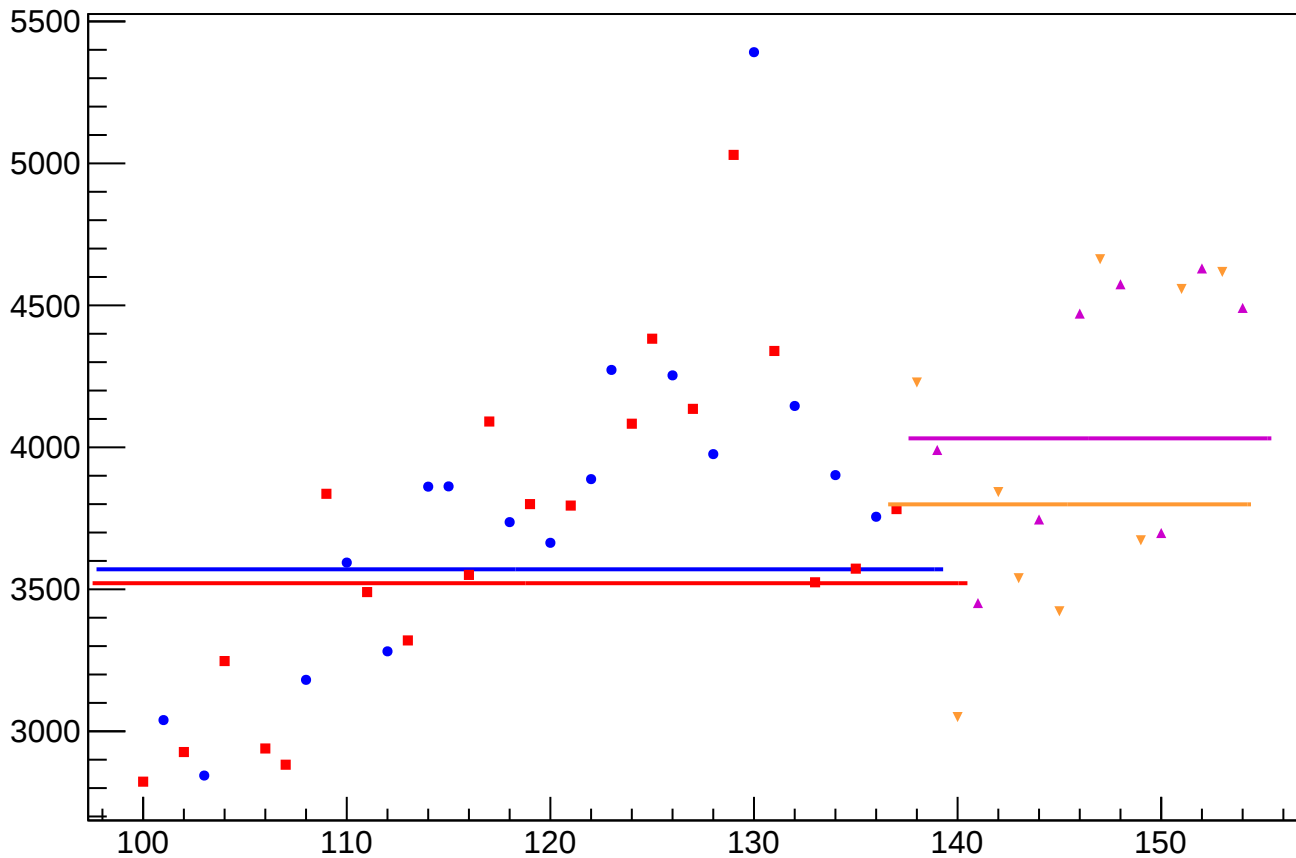
Right Out: -3.204 ± 1.331 χ^2/NDF : 16.0/19

Left In: -2.717 ± 1.586 χ^2/NDF : 14.6/7

-0.420 ± 1.027 χ^2/NDF : 30.2/25

-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: 3799.249+/-1.065 χ^2/NDF : 283353.5/8

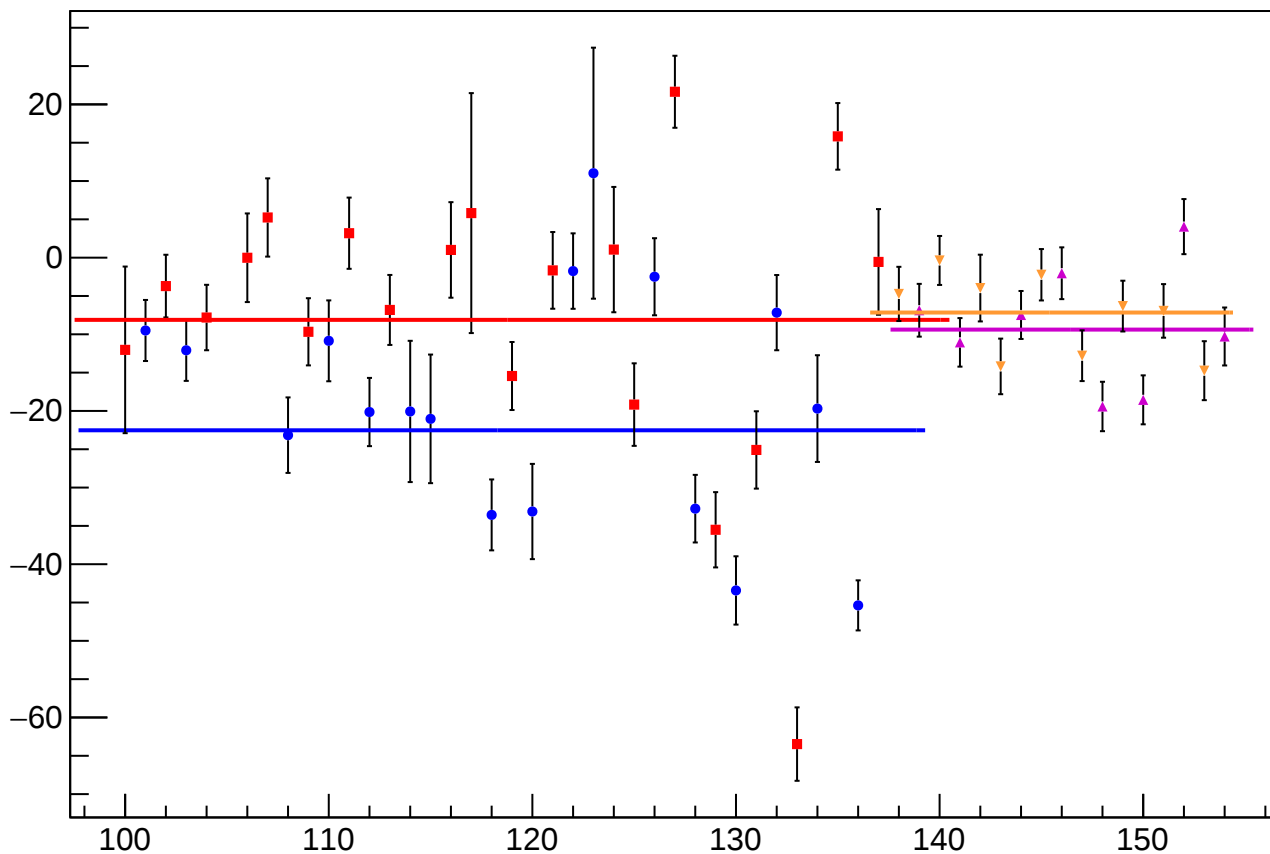
Right Out: 3521.513+/-0.941 χ^2/NDF : 295082.3/19

Left In: 4031.622+/-1.122 χ^2/NDF : 154796.5/7

3676.700+/-0.726 χ^2/NDF : 617748.3/25

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: -7.159 ± 1.173 χ^2/NDF : 18.3/8

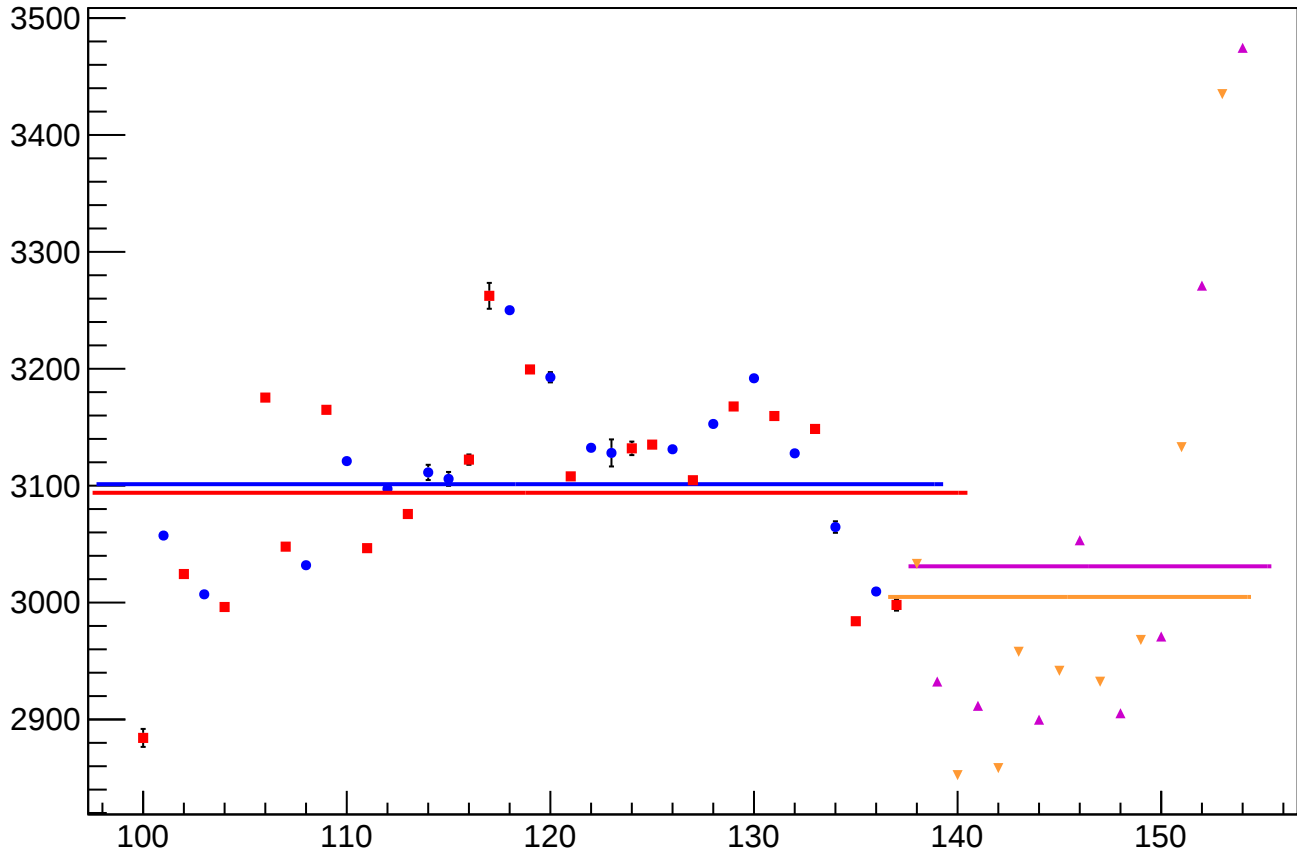
Right Out: -8.116 ± 1.154 χ^2/NDF : 276.6/19

Left In: -9.386 ± 1.183 χ^2/NDF : 37.9/7

-14.662 ± 0.839 χ^2/NDF : 257.6/25

-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: 3004.818+/-0.829 χ^2 /NDF: 36873.7/8

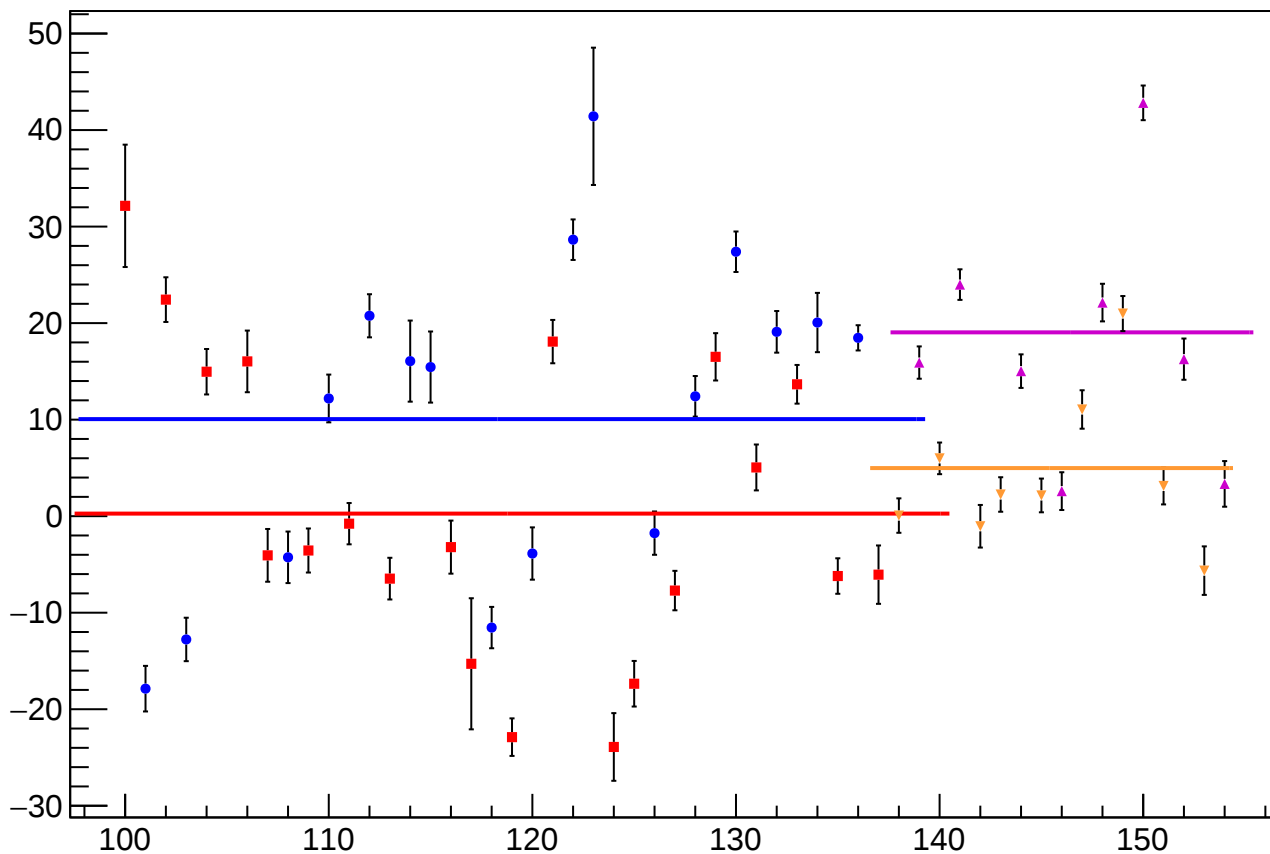
Right Out: 3093.913+/-0.816 χ^2 /NDF: 7998.9/19

Left In: 3031.019+/-0.836 χ^2 /NDF: 48266.2/7

3051.911+/-0.593 χ^2 /NDF: 50713.9/25

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: 4.982 $\pm$ 0.630 χ^2/NDF : 126.2/8

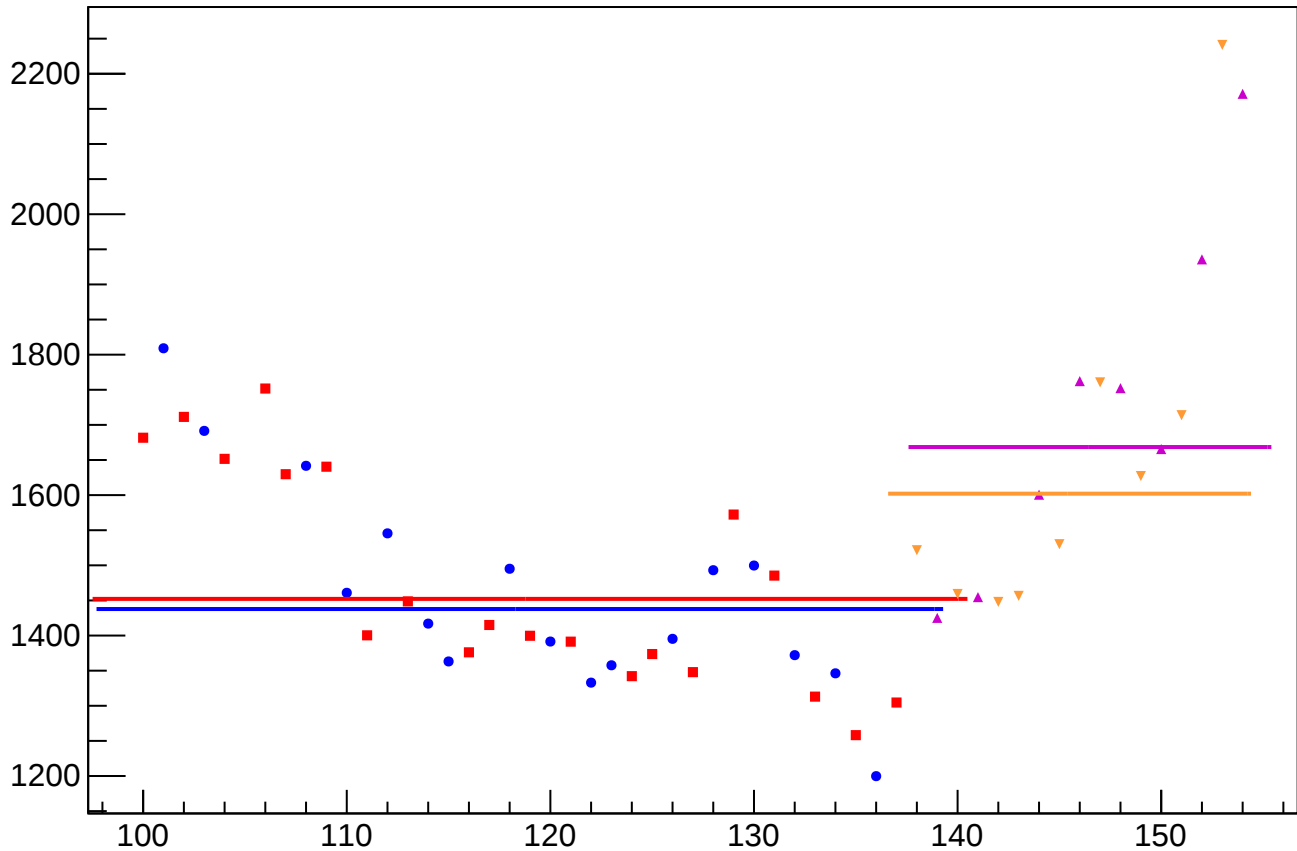
Right Out: 0.266 $\pm$ 0.545 χ^2/NDF : 635.1/19

Left In: 19.043 $\pm$ 0.657 χ^2/NDF : 313.0/7

7.809 $\pm$ 0.419 χ^2/NDF : 854.5/25

7.929 $\pm$ 0.419 χ^2/NDF : 1432.0/27

diff_bpm0l01Y_rms vs Slug



Right In: 1437.776 $\pm$ 0.397 χ^2 /NDF: 173216.2/16

Left Out: 1602.050 $\pm$ 0.445 χ^2 /NDF:194855.6/8

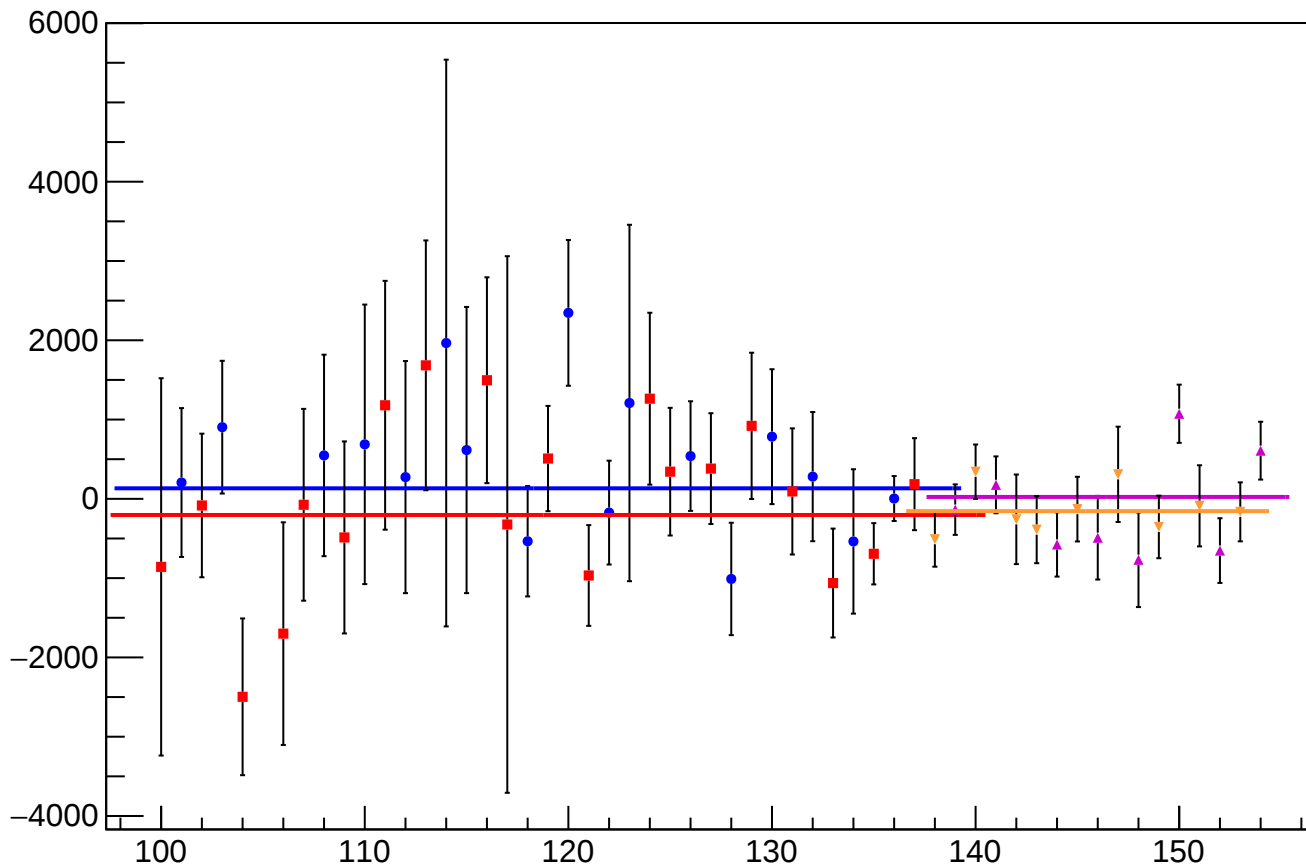
Right Out: 1452.227 $\pm$ 0.386 χ^2 /NDF: 138666.1/19

Left In: 1668.448 $\pm$ 0.464 χ^2 /NDF:211796.5/7

1510.519 $\pm$ 0.296 χ^2 /NDF: 443835.0/25

1540.466 $\pm$ 0.297 χ^2 /NDF: 478806.2/27

asym_sam1_mean vs Slug



Right In: 132.921 ± 180.271 χ^2/NDF : 12.9/16

Left Out: -154.983 ± 138.980 χ^2/NDF : 4.3/8

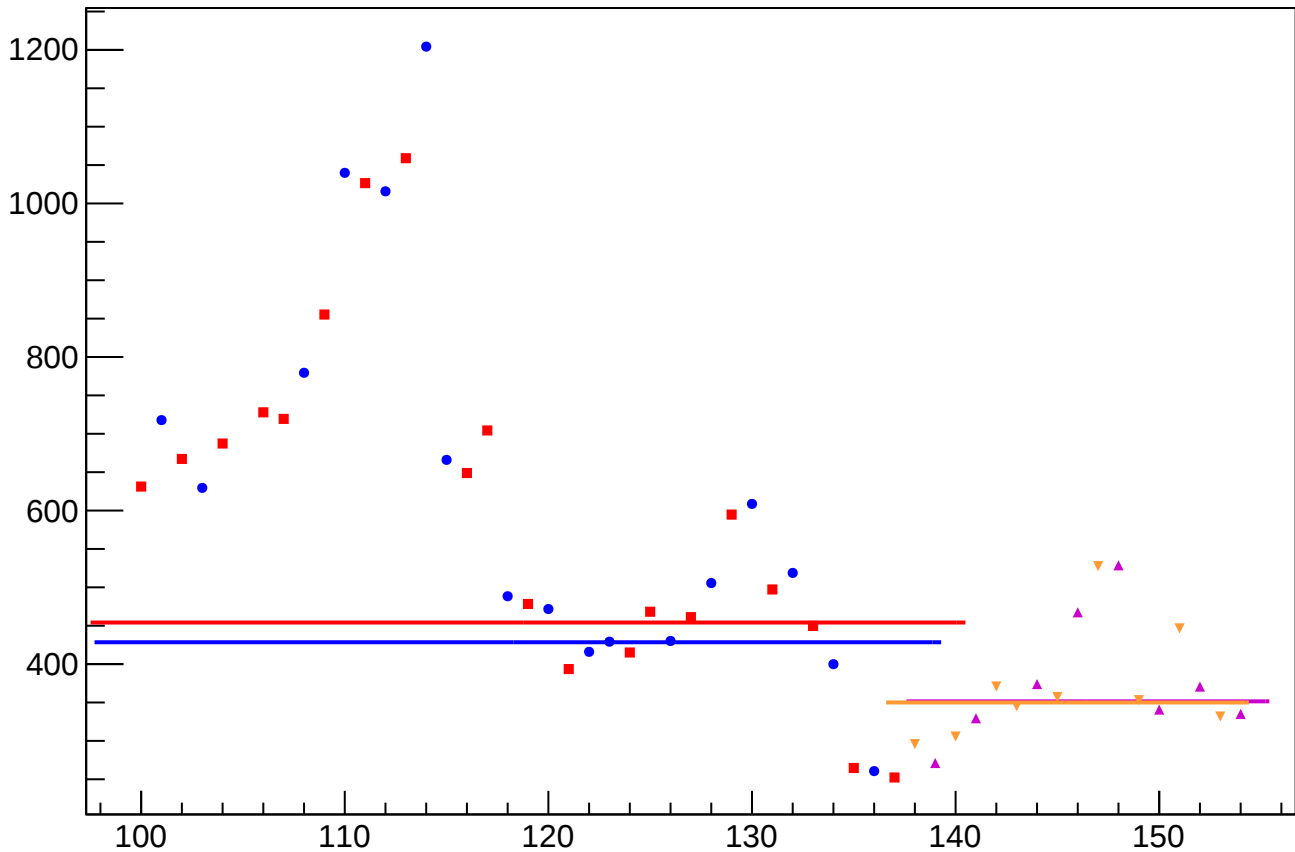
Right Out: -203.418 ± 184.080 χ^2/NDF : 21.4/19

Left In: 24.220 ± 139.920 χ^2/NDF : 18.8/7

-47.655 ± 110.067 χ^2/NDF : 18.8/25

-59.139 ± 111.393 χ^2/NDF : 41.2/27

asym_sam1_rms vs Slug



Right In: 428.460+/-0.127 χ^2/NDF : 2011453.8/16

Left Out: 350.041+/-0.098 χ^2/NDF :336561.1/8

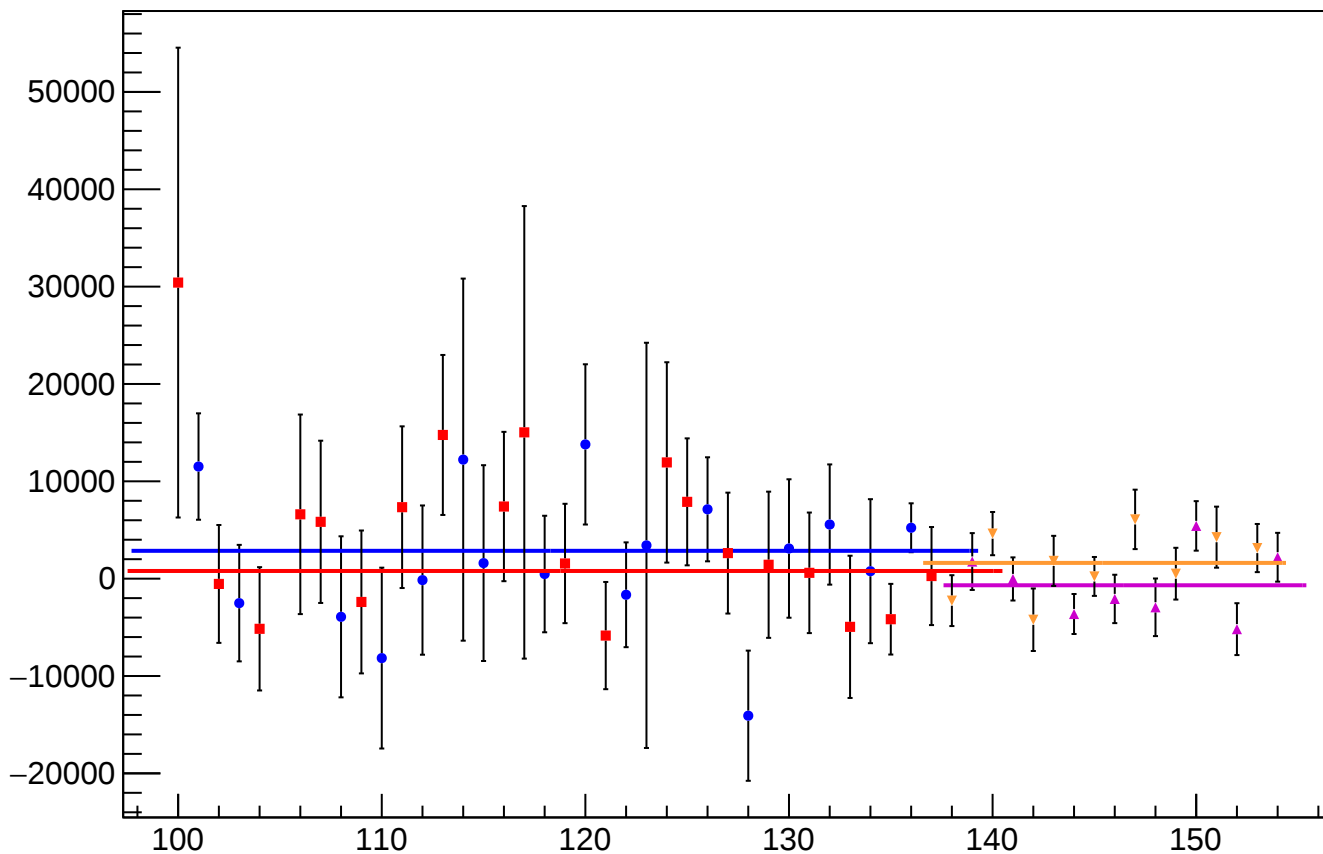
Right Out: 454.177+/-0.130 χ^2/NDF : 2040775.1/19

Left In: 351.507+/-0.099 χ^2/NDF :424010.1/7

379.275+/-0.078 χ^2/NDF : 2585388.5/25

389.104+/-0.079 χ^2/NDF : 2859122.7/27

asym_sam2_mean vs Slug



Right In: 2859.622+/-1447.884 χ^2/NDF : 16.7/16

Left Out: 1619.179+/-857.039 χ^2/NDF : 11.2/8

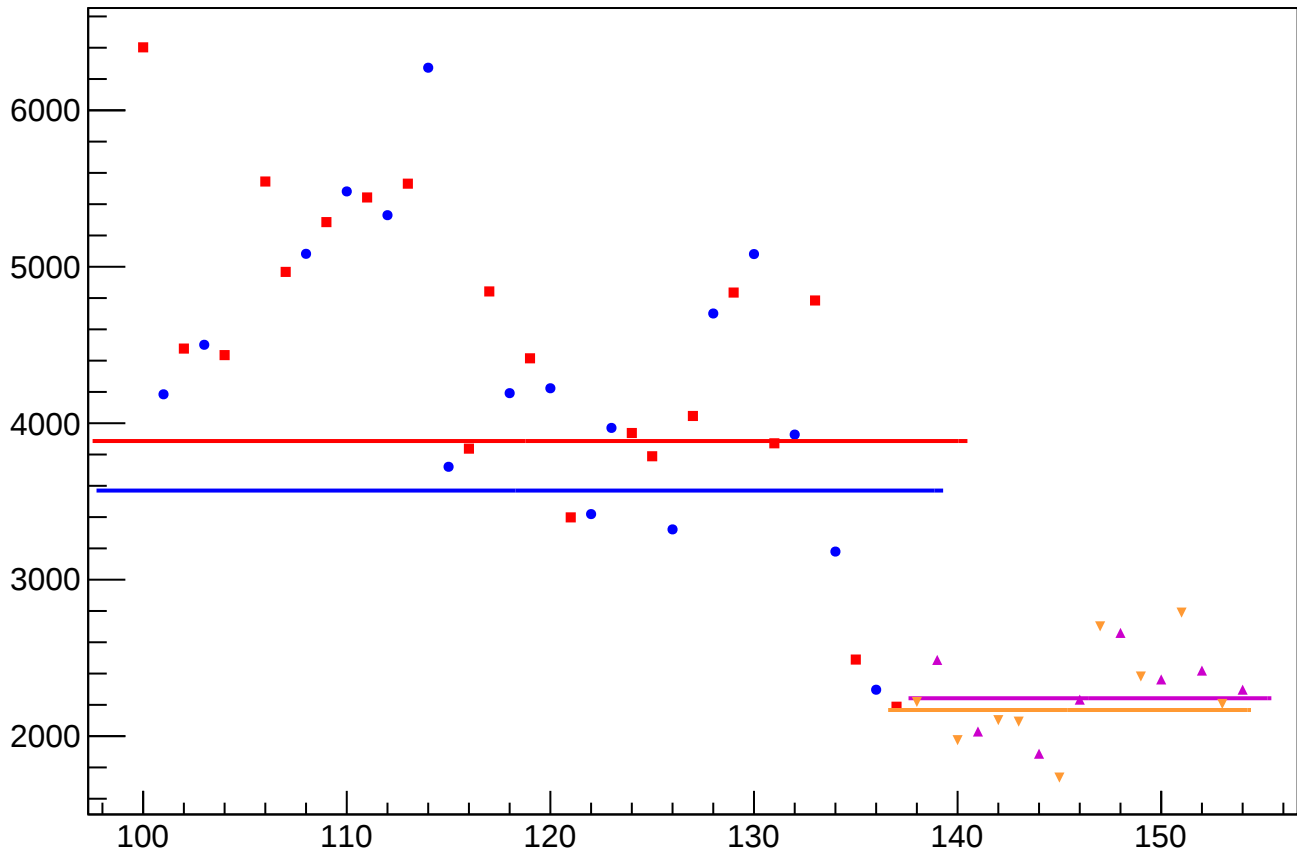
Right Out: 789.608+/-1506.053 χ^2/NDF : 14.4/19

Left In: -679.163+/-880.869 χ^2/NDF : 13.7/7

1941.031+/-737.519 χ^2/NDF : 28.5/25

-304.782+/-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: 2167.093+/-0.606 χ^2/NDF : 265311.2/8

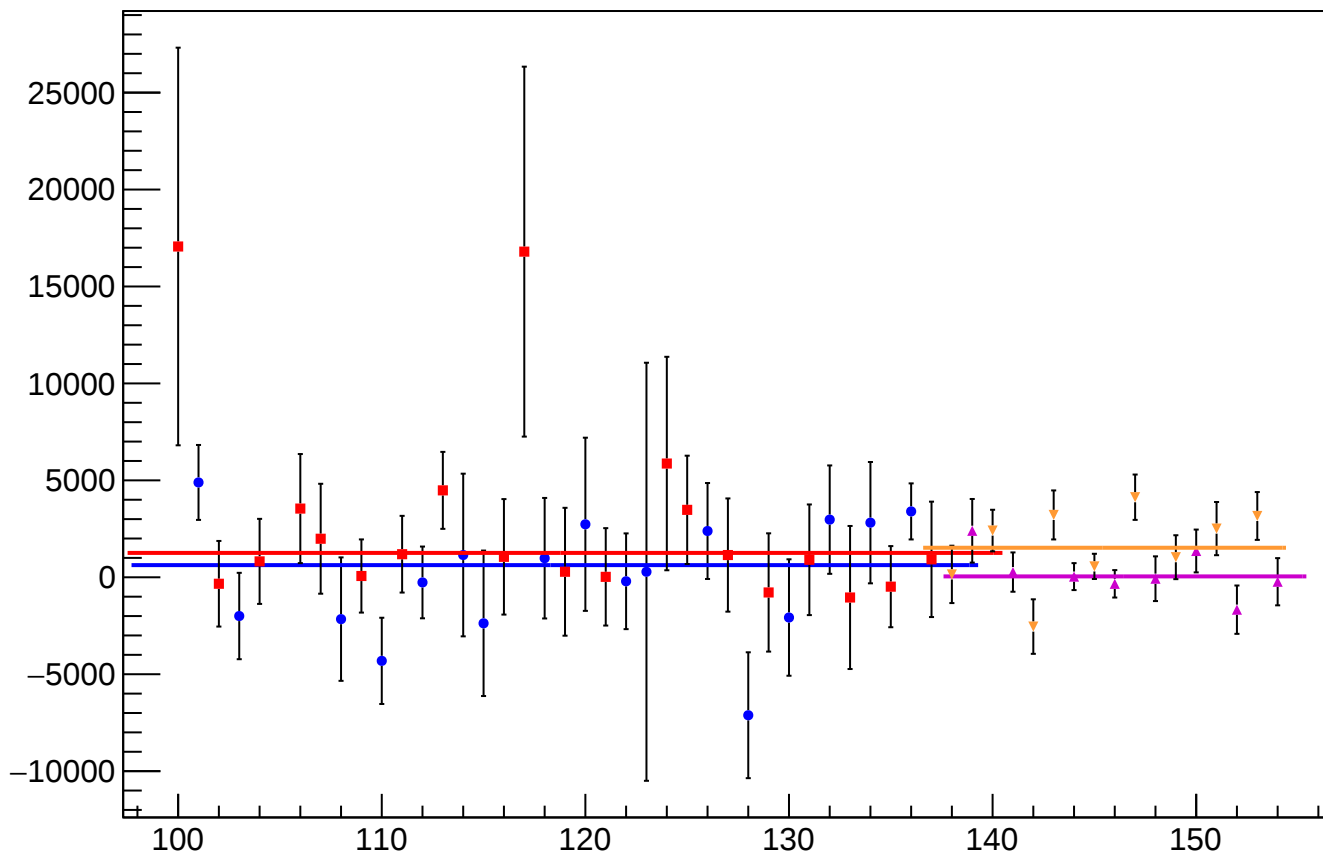
Right Out: 3886.199+/-1.065 χ^2/NDF : 986485.7/19

Left In: 2242.220+/-0.623 χ^2/NDF : 146154.6/7

2531.003+/-0.522 χ^2/NDF : 2742999.9/25

2661.261+/-0.538 χ^2/NDF : 2908302.0/27

asym_sam3_mean vs Slug



Right In: 627.655+/-620.929 χ^2/NDF : 25.1/16

Left Out: 1523.780+/-364.597 χ^2/NDF : 21.3/8

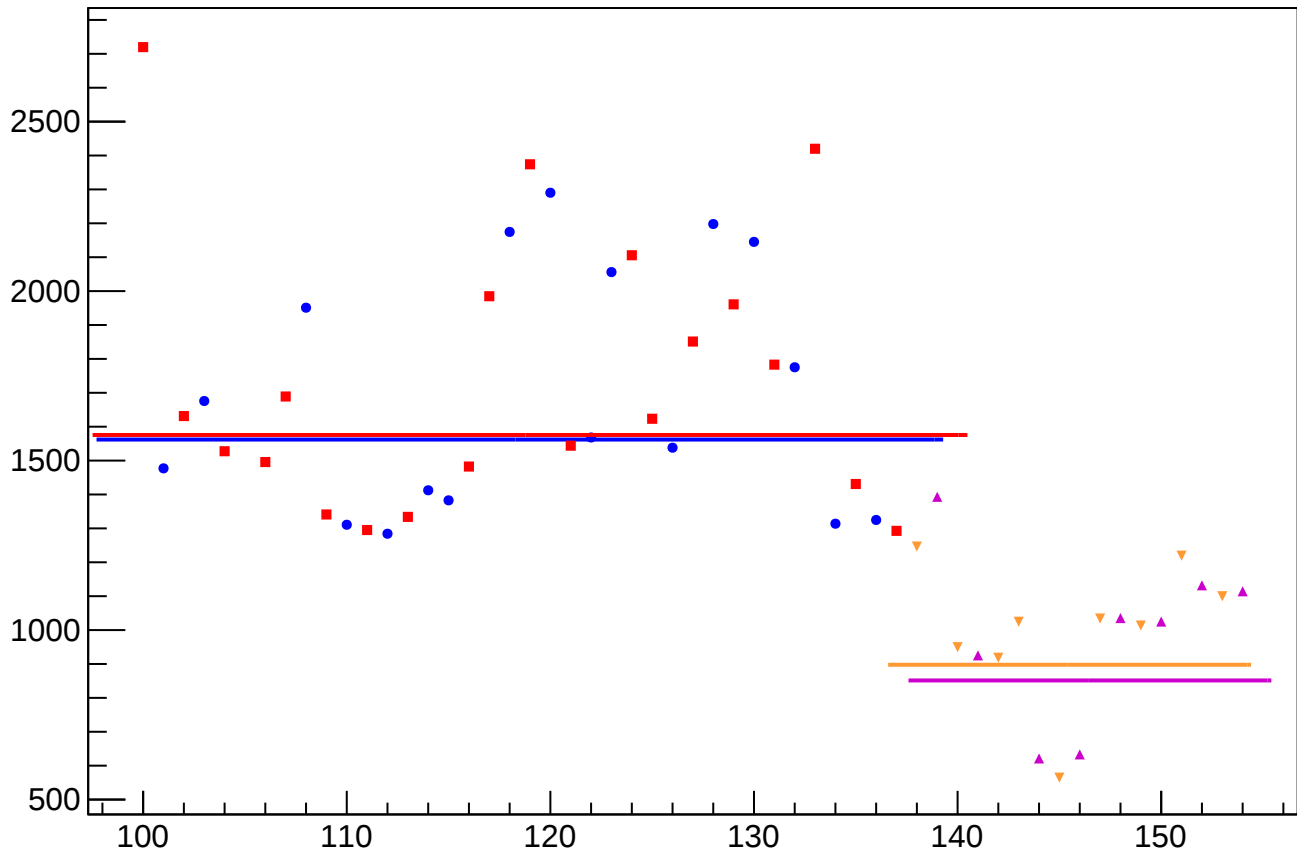
Right Out: 1257.467+/-601.857 χ^2/NDF : 12.6/19

Left In: 45.849+/-347.037 χ^2/NDF : 5.8/7

1294.028+/-314.404 χ^2/NDF : 47.9/25

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: 897.692+/-0.258 χ^2/NDF : 872886.4/8

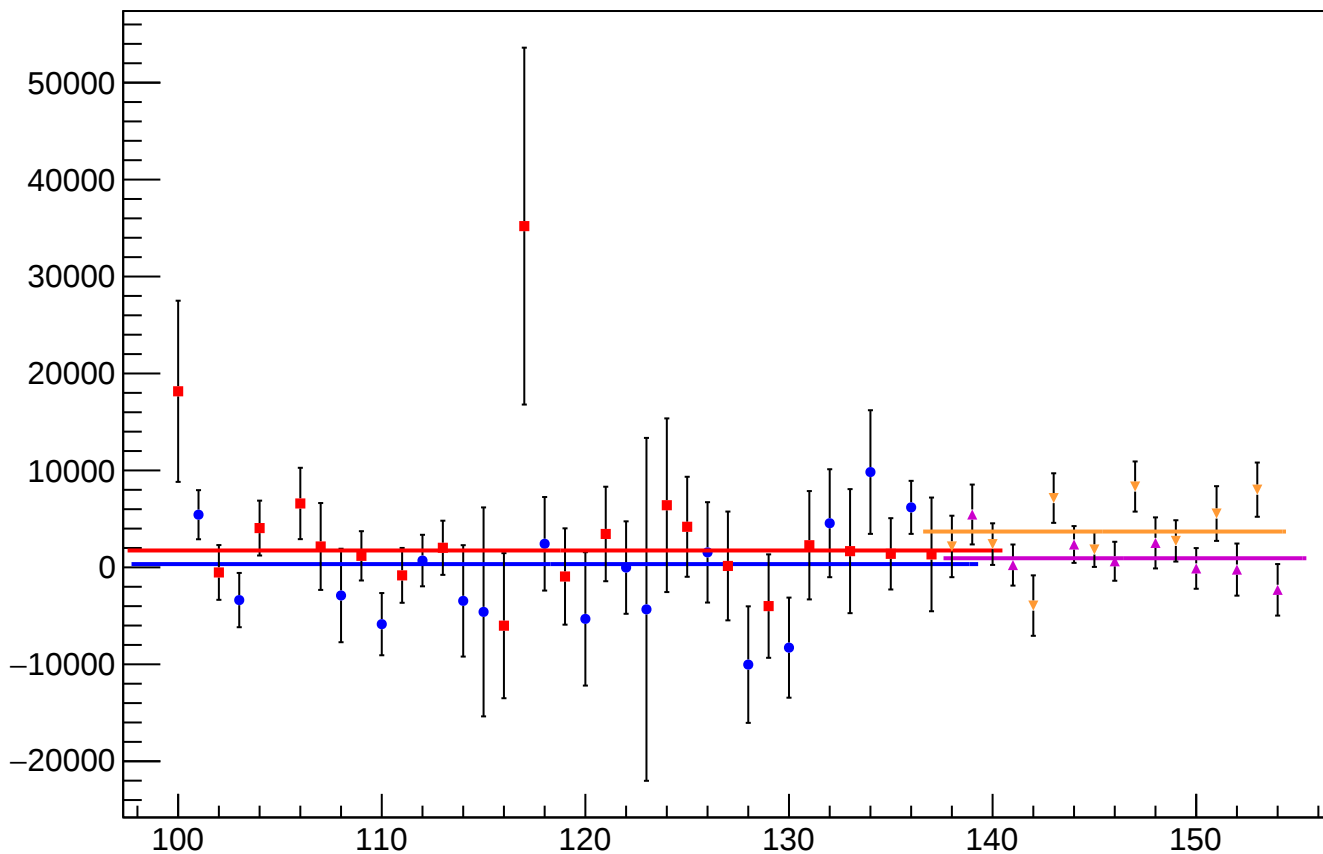
Right Out: 1575.541+/-0.426 χ^2/NDF : 467687.2/19

Left In: 851.419+/-0.245 χ^2/NDF : 933312.9/7

1068.036+/-0.222 χ^2/NDF : 3057783.2/25

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: 3696.004+/-815.033 χ^2/NDF :15.7/8

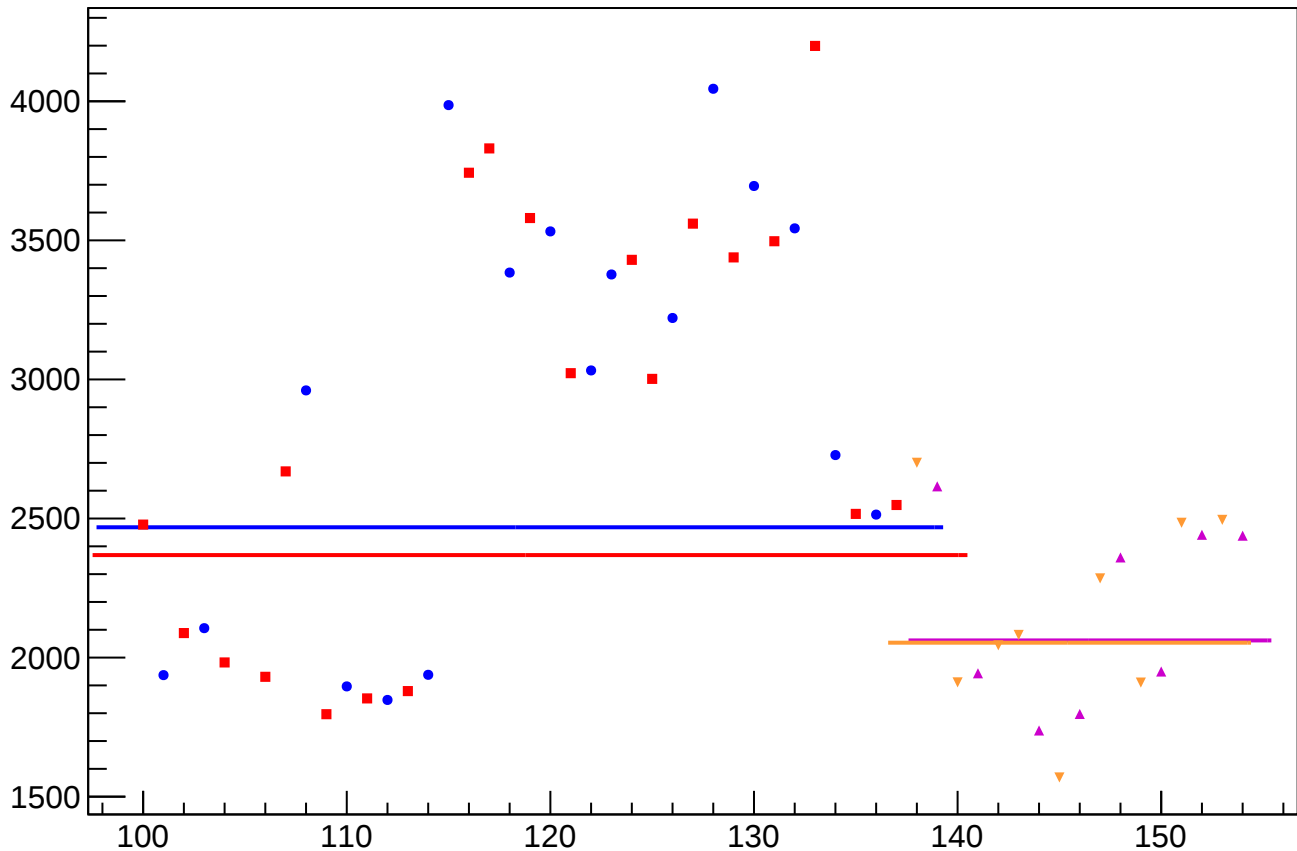
Right Out: 1742.470+/-923.289 χ^2/NDF : 13.6/19

Left In: 941.557+/-815.352 χ^2/NDF :5.1/7

2349.023+/-630.722 χ^2/NDF : 47.3/25

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: 2053.568+/-0.576 χ^2/NDF : 359574.3/8

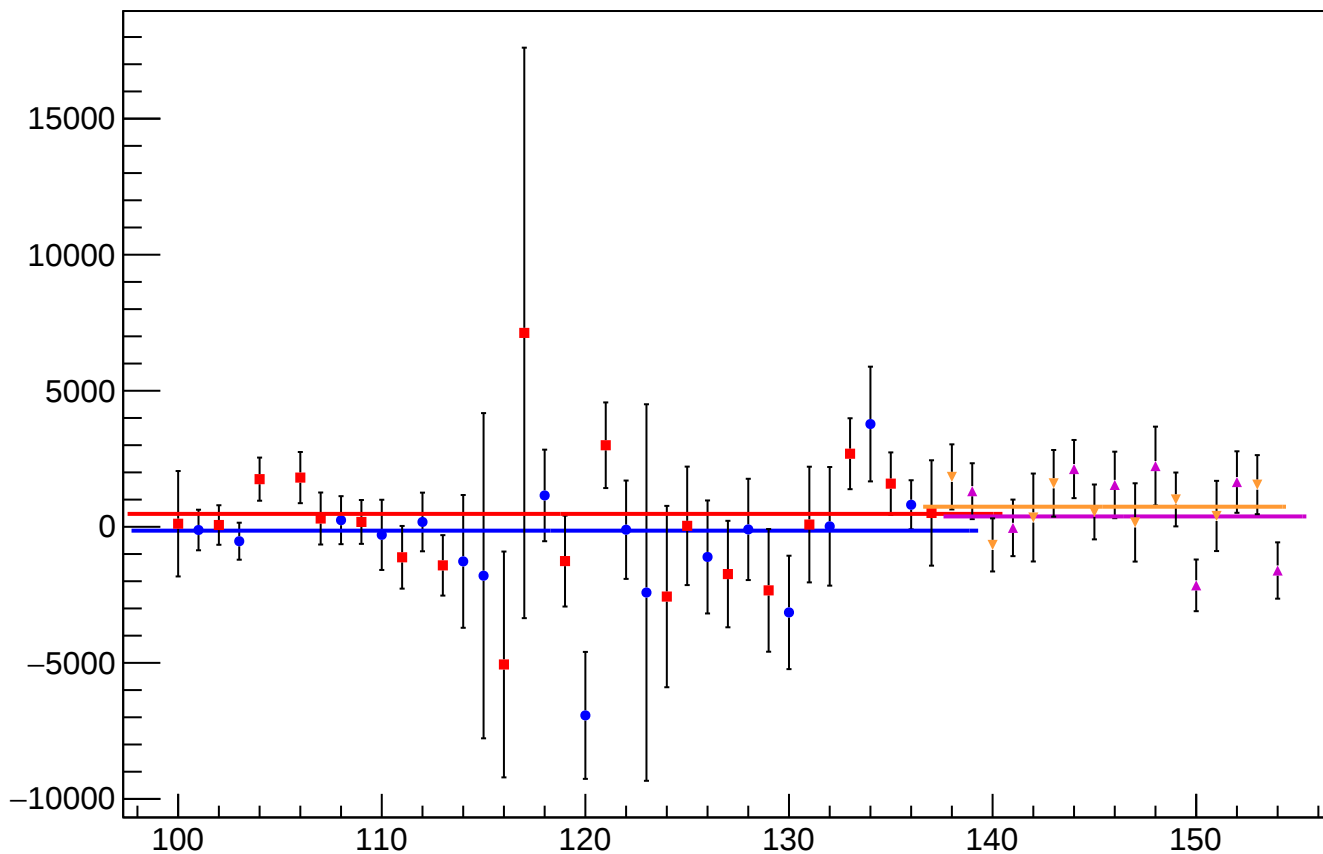
2220.009+/-0.446 χ^2/NDF : 1463652.6/25

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: 738.824+/-385.280 χ^2/NDF : 4.4/8

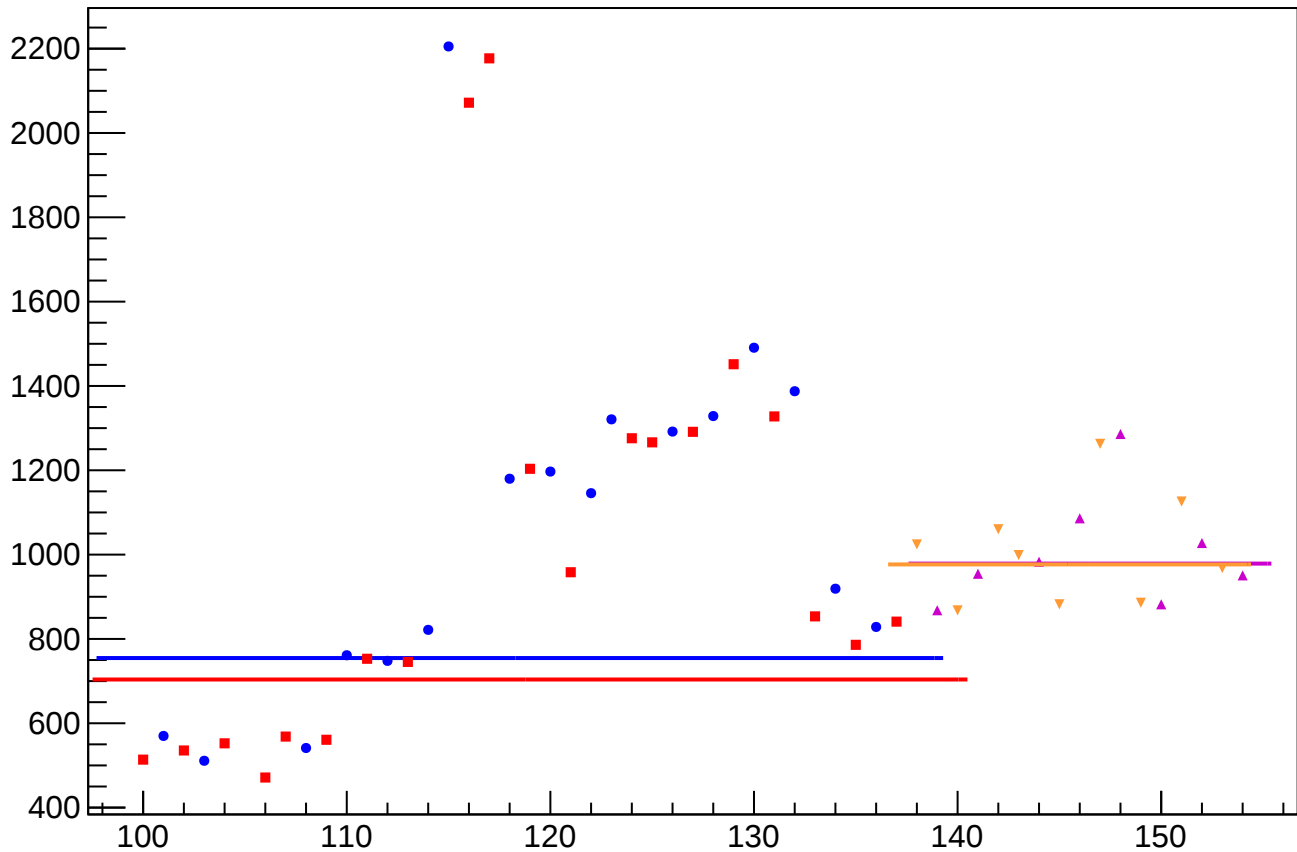
Right Out: 474.987+/-282.789 χ^2/NDF : 23.3/19

Left In: 381.266+/-385.743 χ^2/NDF : 18.2/7

209.106+/-243.085 χ^2/NDF : 24.4/25

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: 976.738+/-0.272 χ^2/NDF : 174411.5/8

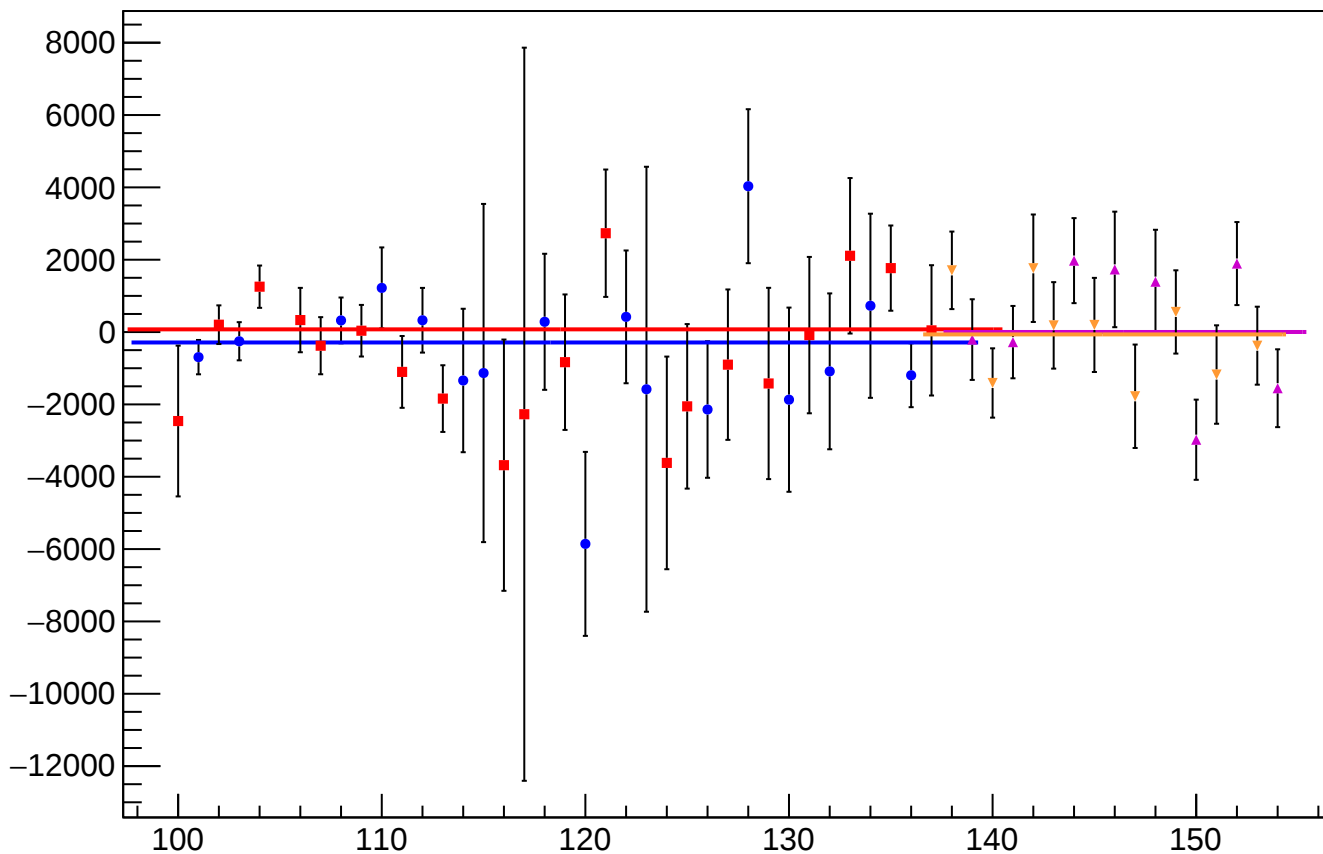
843.077+/-0.172 χ^2/NDF : 2264920.0/25

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+/-250.436 χ^2/NDF : 16.2/16

Left Out: -64.645+/-396.913 χ^2/NDF : 8.8/8

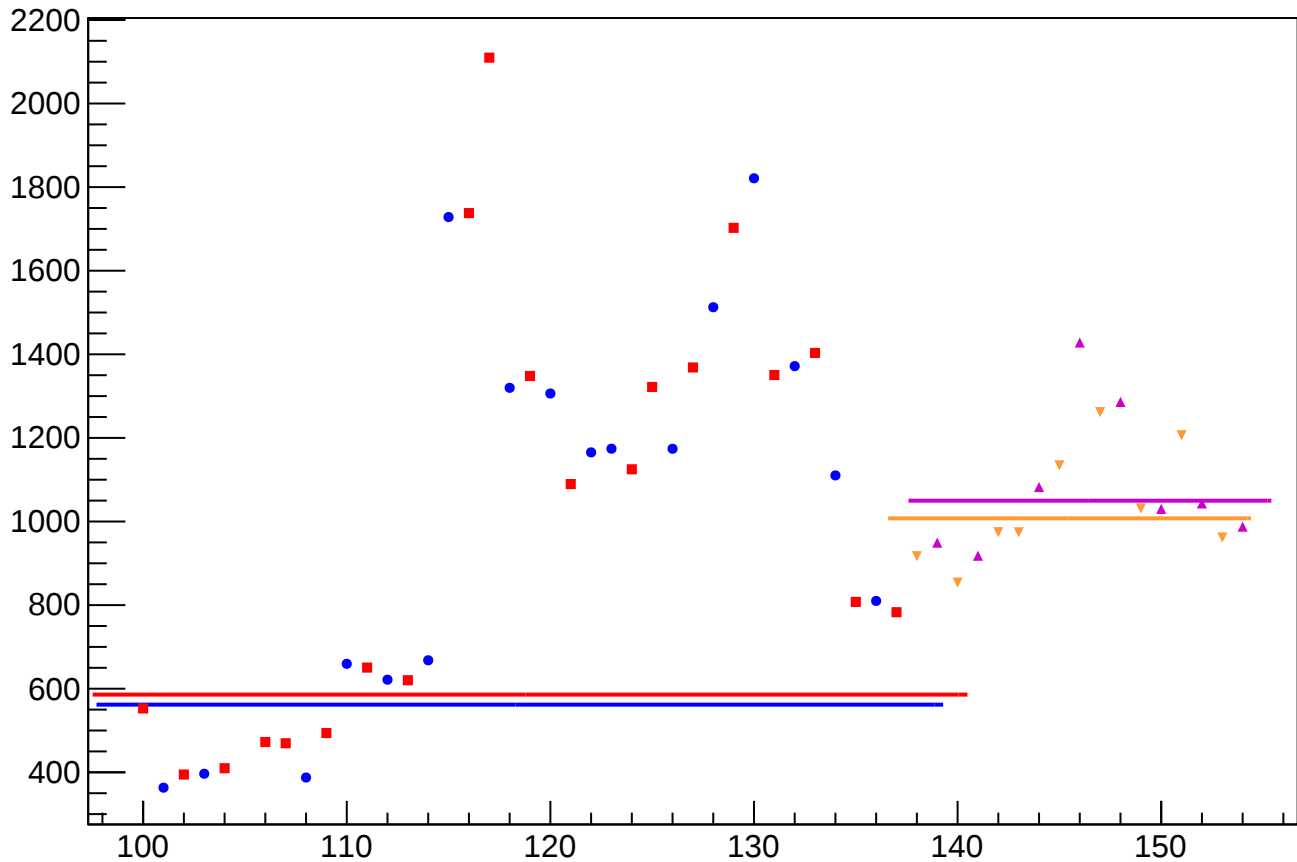
Right Out: 74.735+/-246.011 χ^2/NDF : 21.4/19

Left In: 2.040+/-413.748 χ^2/NDF : 17.1/7

-224.427+/-211.800 χ^2/NDF : 25.2/25

55.747+/-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: 1007.595+/-0.281 χ^2/NDF :197776.5/8

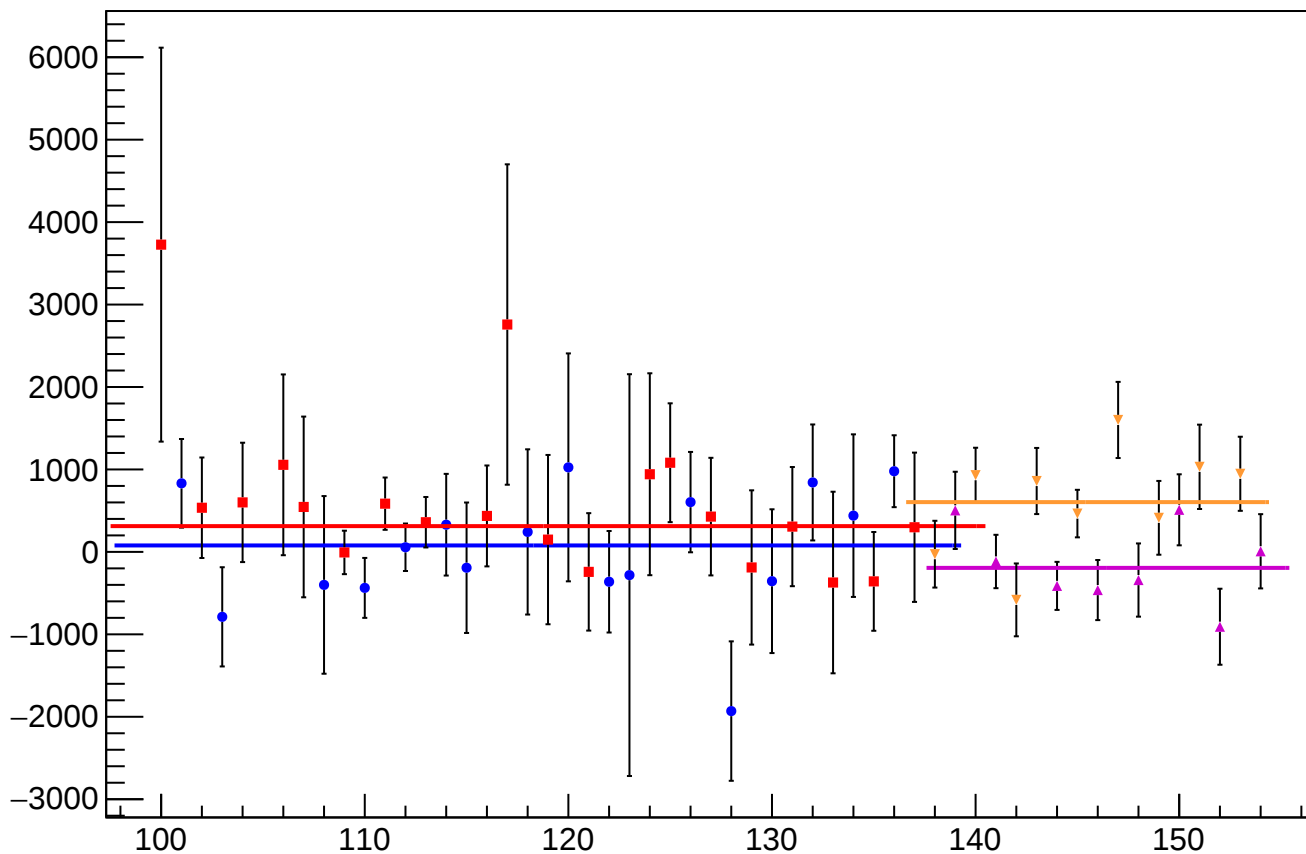
688.806+/-0.150 χ^2/NDF : 5218222.1/25

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: 603.791 ± 132.514 χ^2/NDF : 17.4/8

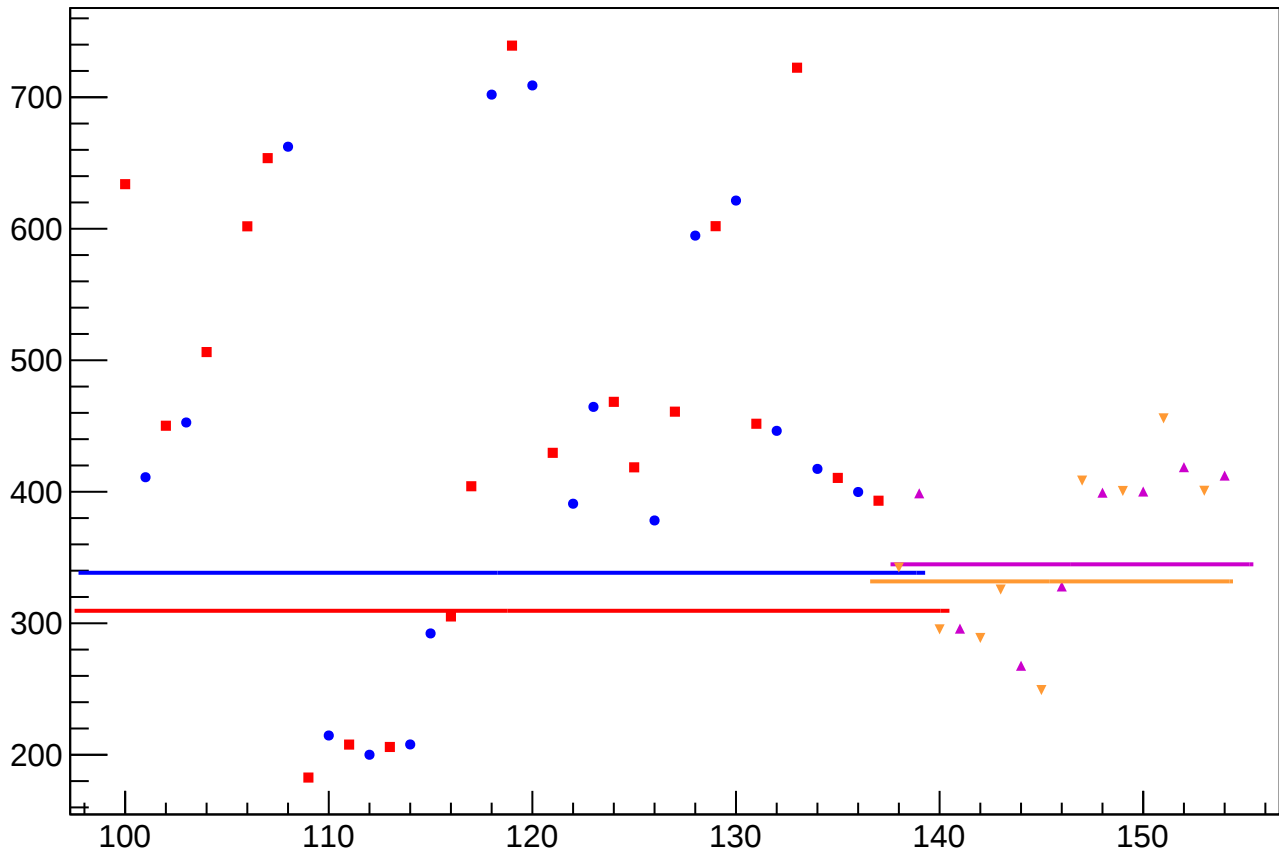
Right Out: 312.536 ± 129.362 χ^2/NDF : 10.7/19

Left In: -193.883 ± 136.705 χ^2/NDF : 8.8/7

360.725 ± 97.156 χ^2/NDF : 44.4/25

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: 331.852+/-0.094 χ^2/NDF : 475808.6/8

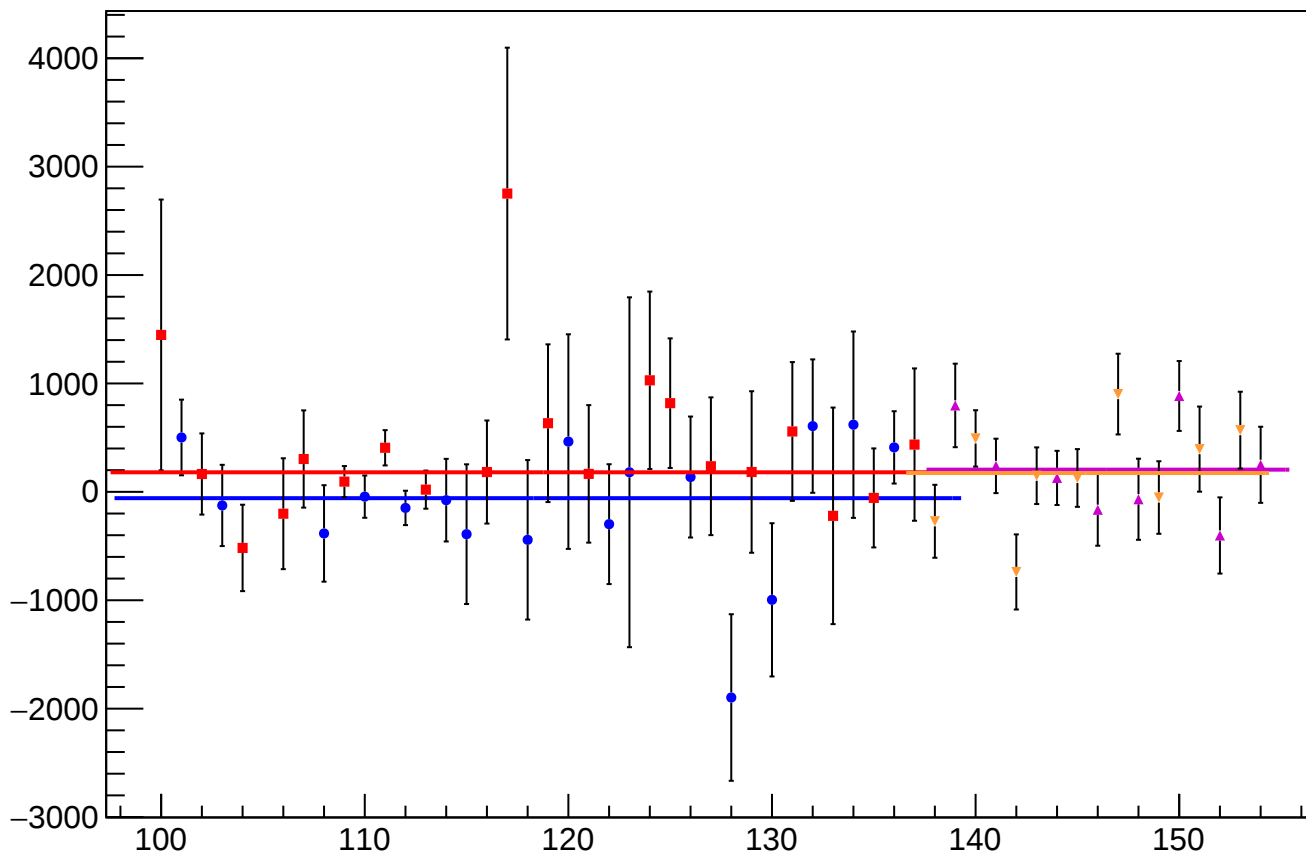
Right Out: 309.503+/-0.091 χ^2/NDF : 2738236.3/19

Left In: 344.833+/-0.097 χ^2/NDF : 376003.0/7

334.884+/-0.069 χ^2/NDF : 2487359.1/25

326.193+/-0.066 χ^2/NDF : 3184714.1/27

asym_sam8_mean vs Slug



Right In: -58.299 ± 90.484 χ^2/NDF : 15.9/16

Left Out: 173.567 ± 104.671 χ^2/NDF : 16.1/8

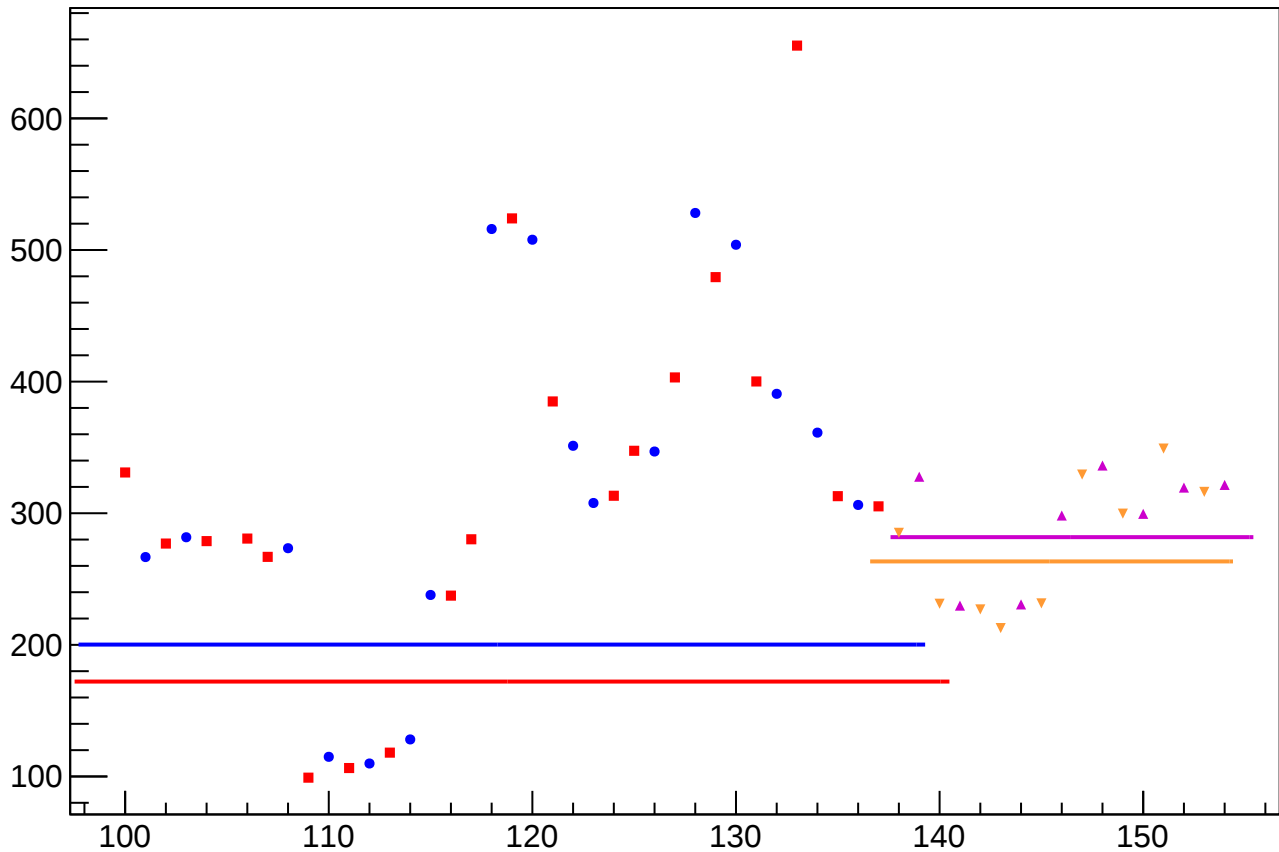
Right Out: 180.354 ± 76.795 χ^2/NDF : 15.0/19

Left In: 204.765 ± 111.318 χ^2/NDF : 11.7/7

40.867 ± 68.453 χ^2/NDF : 34.8/25

188.226 ± 63.212 χ^2/NDF : 26.7/27

asym_sam8_rms vs Slug



Right In: 200.209+/-0.064 χ^2/NDF : 3387197.7/16

Left Out: 263.391+/-0.074 χ^2/NDF :391032.1/8

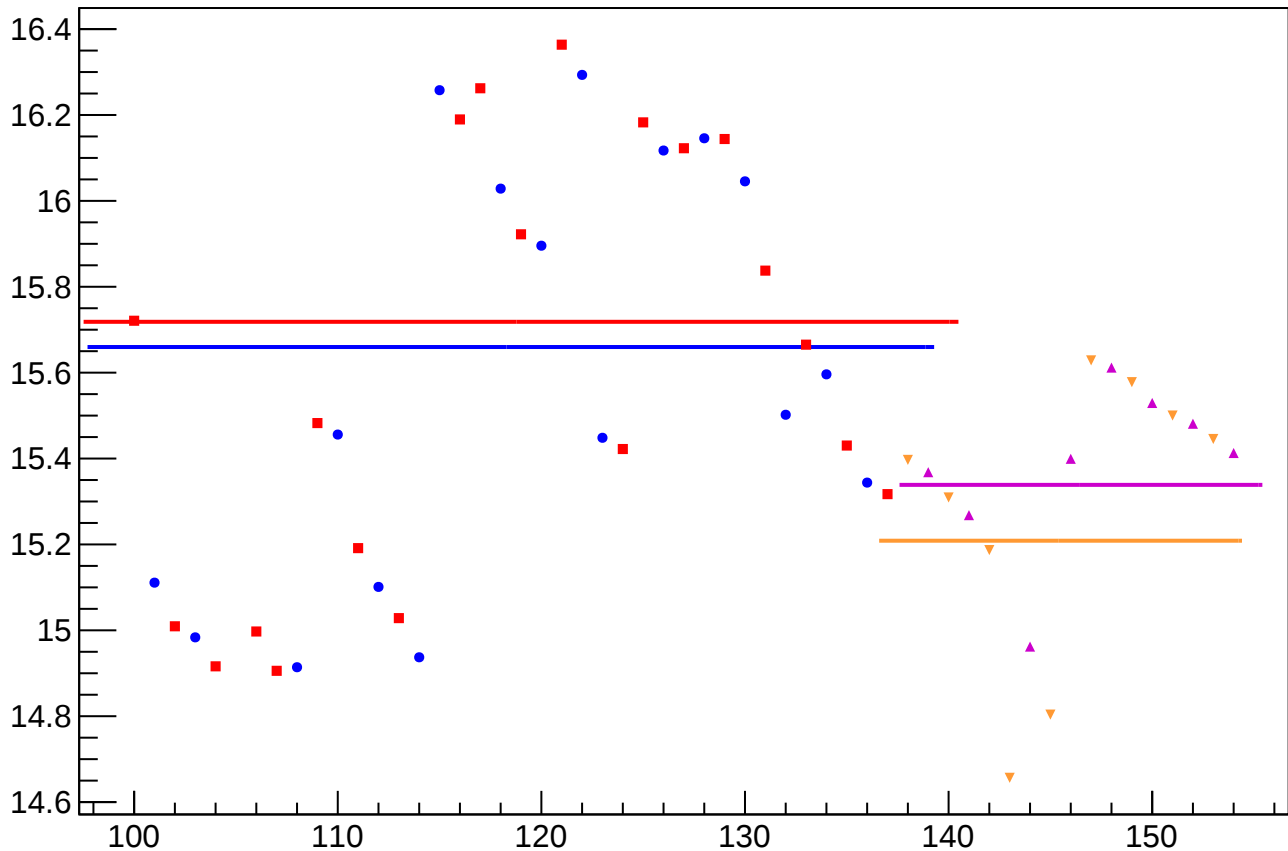
227.231+/-0.048 χ^2/NDF : 4195293.1/25

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: 15.209 $\pm$ 0.000 χ^2 /NDF: 5990559061.7/8

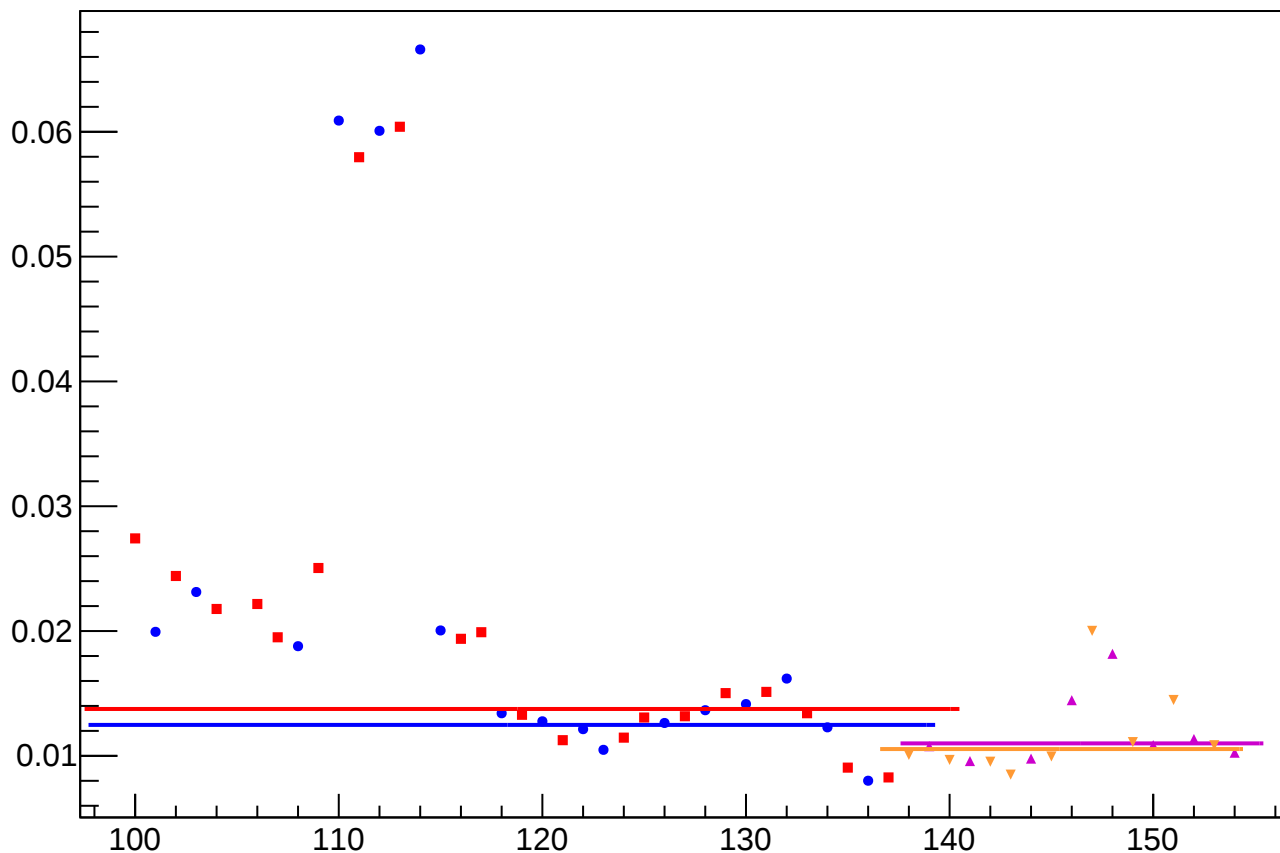
15.382 $\pm$ 0.000 χ^2 /NDF: 15924450793.9/25

Right Out: 15.718 $\pm$ 0.000 χ^2 /NDF: 5490626945.9/19

15.478 $\pm$ 0.000 χ^2 /NDF: 10004650491.6/27

Left In: 15.339 $\pm$ 0.000 χ^2 /NDF: 1868024172.2/7

yield_sam1_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 2152911.4/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF:549059.3/8

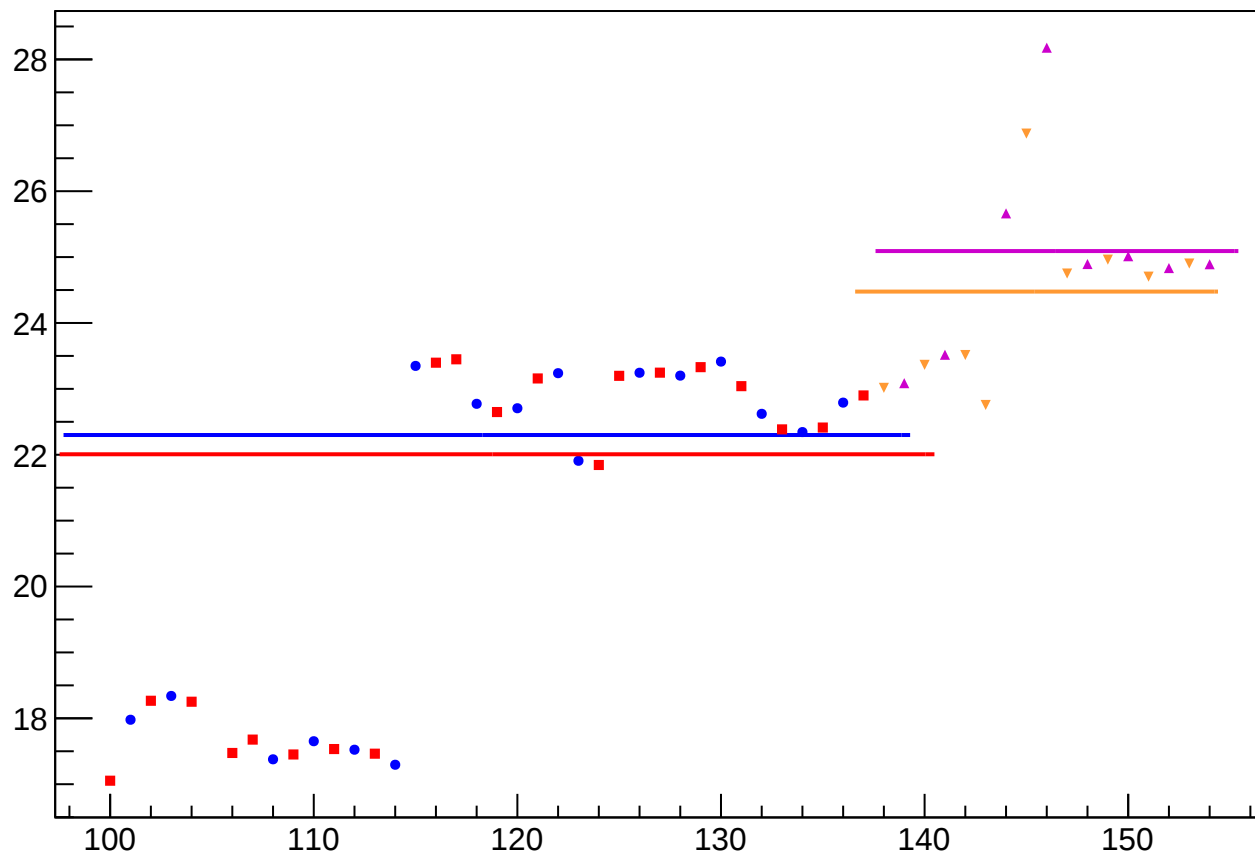
Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2084935.7/19

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:392576.3/7

0.011 $\pm$ 0.000 χ^2 /NDF: 2854706.2/25

0.012 $\pm$ 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: 24.476+/-0.000 χ^2/NDF : 820362386.0/8

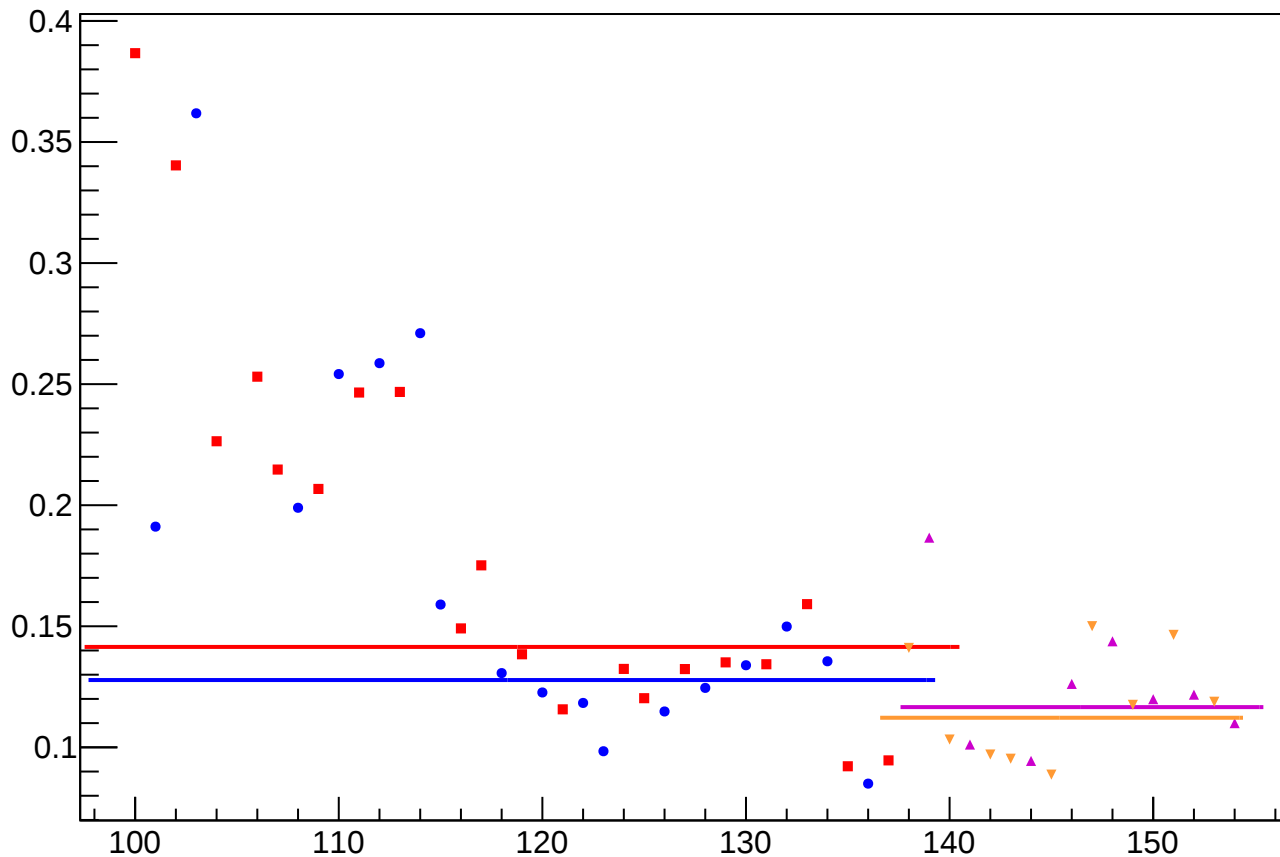
Right Out: 22.007+/-0.000 χ^2/NDF : 1068683102.9/19

Left In: 25.091+/-0.000 χ^2/NDF : 696749734.4/7

23.565+/-0.000 χ^2/NDF : 2611933337.3/25

23.844+/-0.000 χ^2/NDF : 3334309183.8/27

yield_sam2_rms vs Slug



Right In: 0.128 $\pm$ 0.000 χ^2 /NDF: 1492109.7/16

Left Out: 0.112 $\pm$ 0.000 χ^2 /NDF:376750.6/8

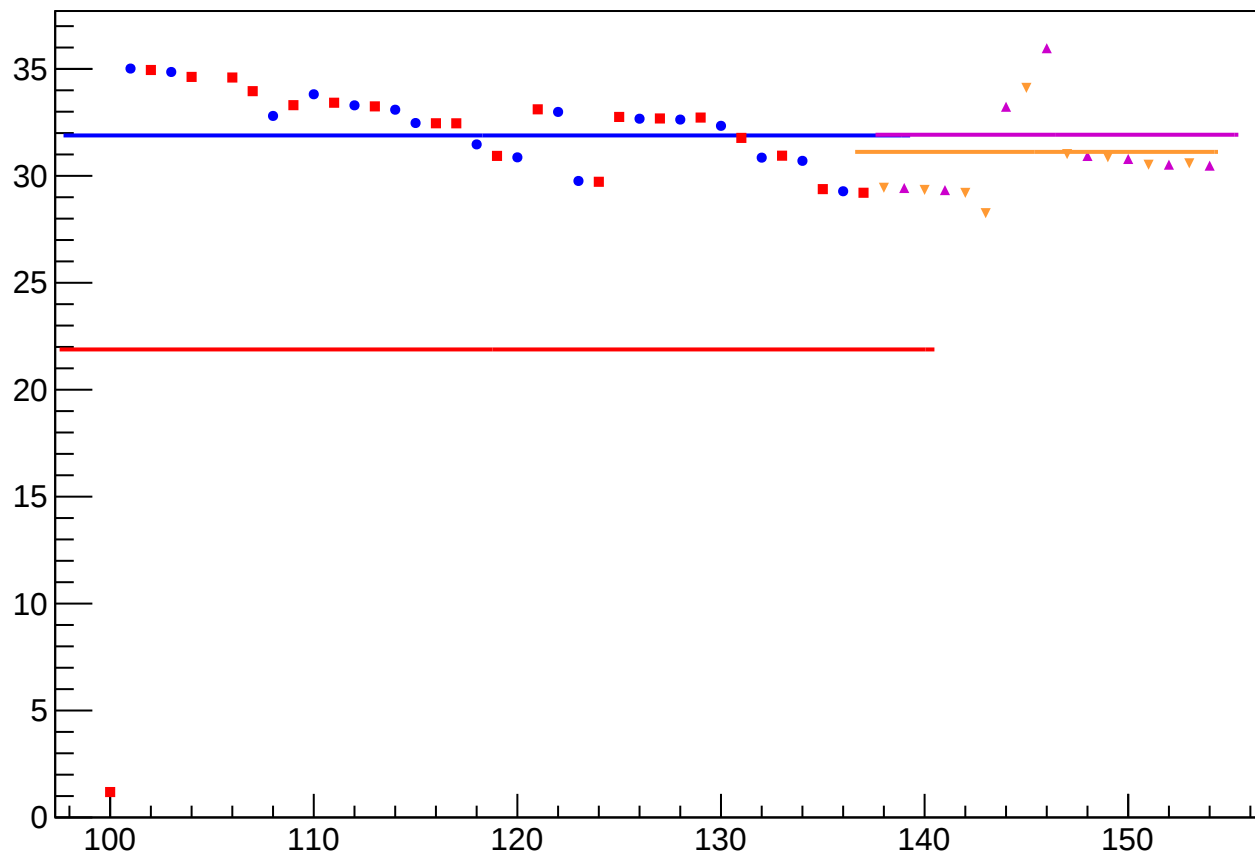
Right Out: 0.141 $\pm$ 0.000 χ^2 /NDF: 1452162.4/19

Left In: 0.117 $\pm$ 0.000 χ^2 /NDF:383056.8/7

0.119 $\pm$ 0.000 χ^2 /NDF: 1956204.9/25

0.127 $\pm$ 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: 31.121 ± 0.000 χ^2/NDF : 4224791420.2/8

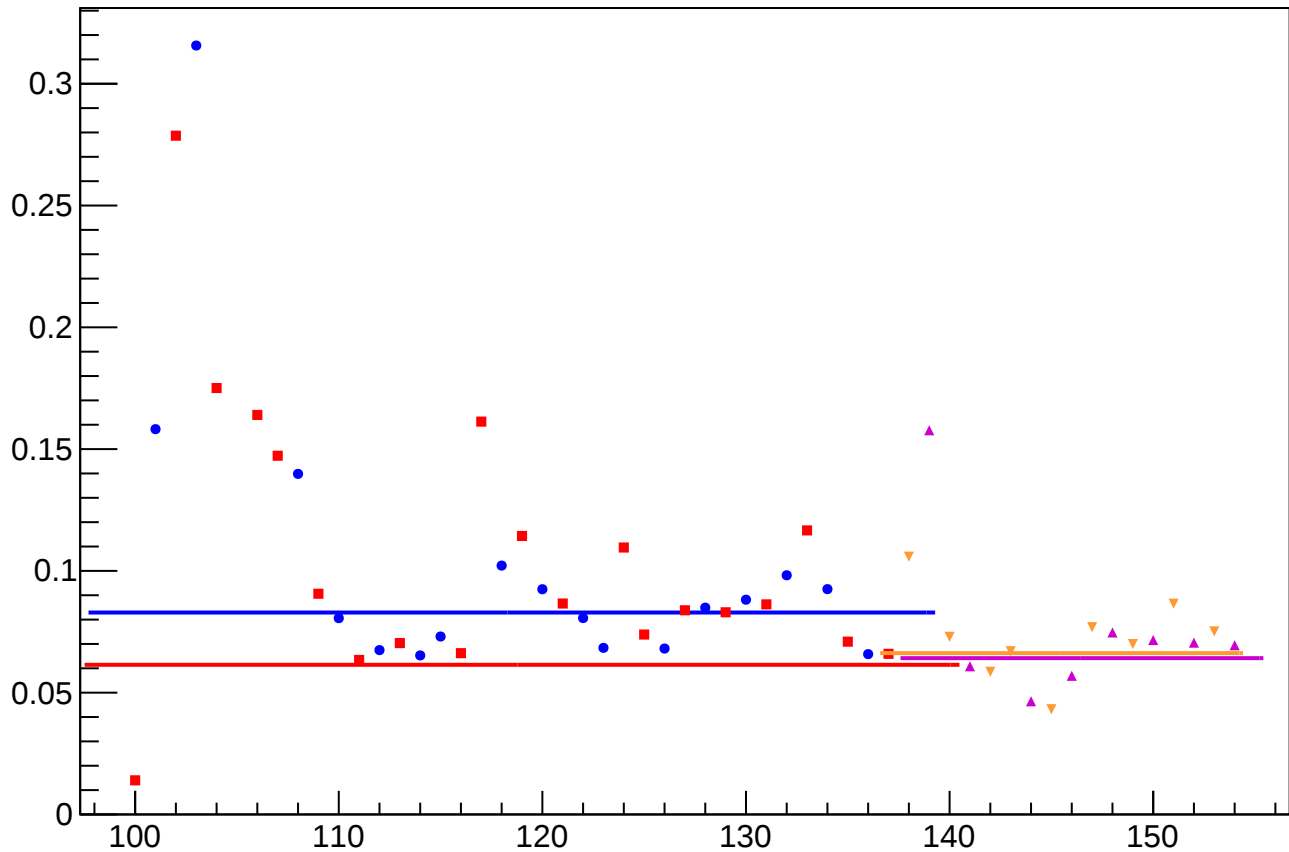
Right Out: 21.883 ± 0.000 χ^2/NDF : 230247118310.5/19

Left In: 31.922 ± 0.000 χ^2/NDF : 5547255555.8/7

31.429 ± 0.000 χ^2/NDF : 6407496307.7/25

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: 0.066+/-0.000 χ^2/NDF : 602415.7/8

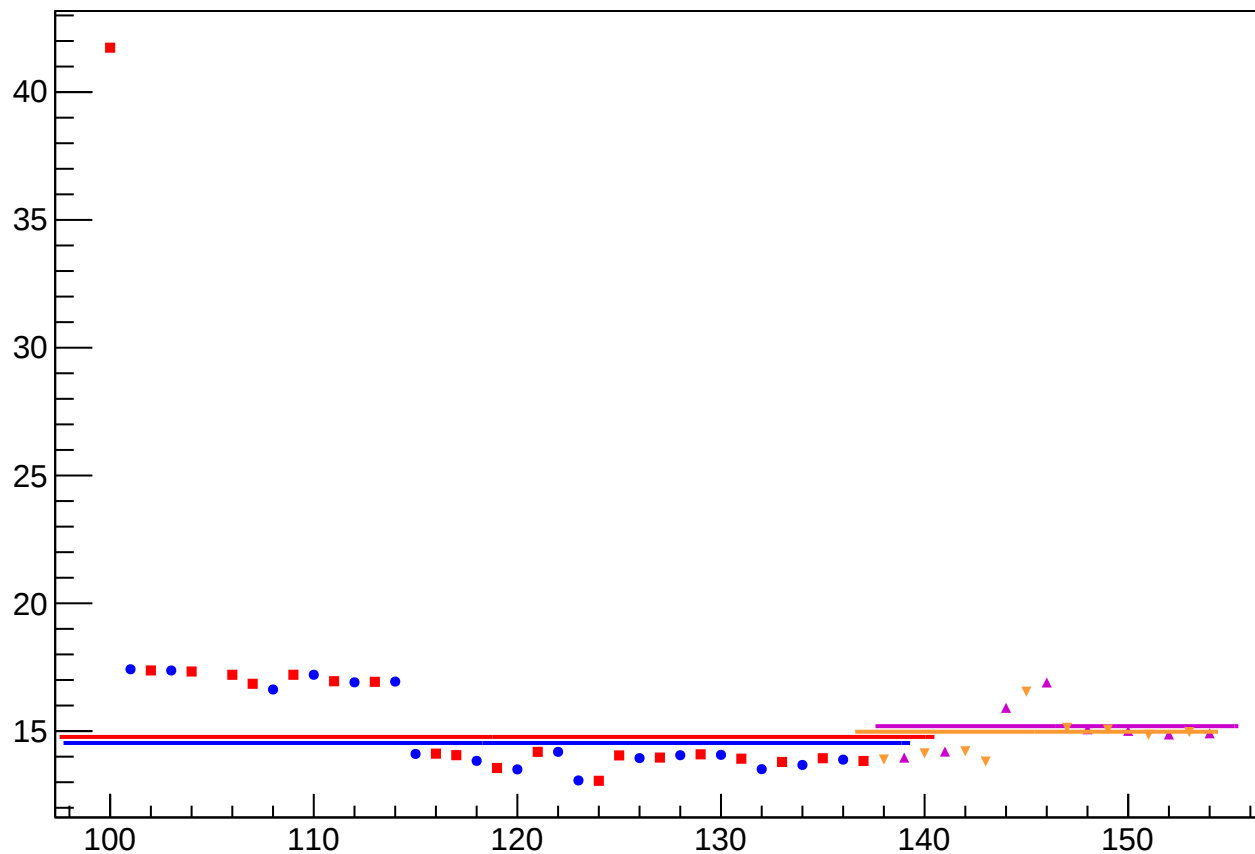
Right Out: 0.061+/-0.000 χ^2/NDF : 3635656.2/19

Left In: 0.064+/-0.000 χ^2/NDF : 752251.2/7

0.073+/-0.000 χ^2/NDF : 2004491.1/25

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: 14.975+/-0.000 χ^2/NDF : 944712998.4/8

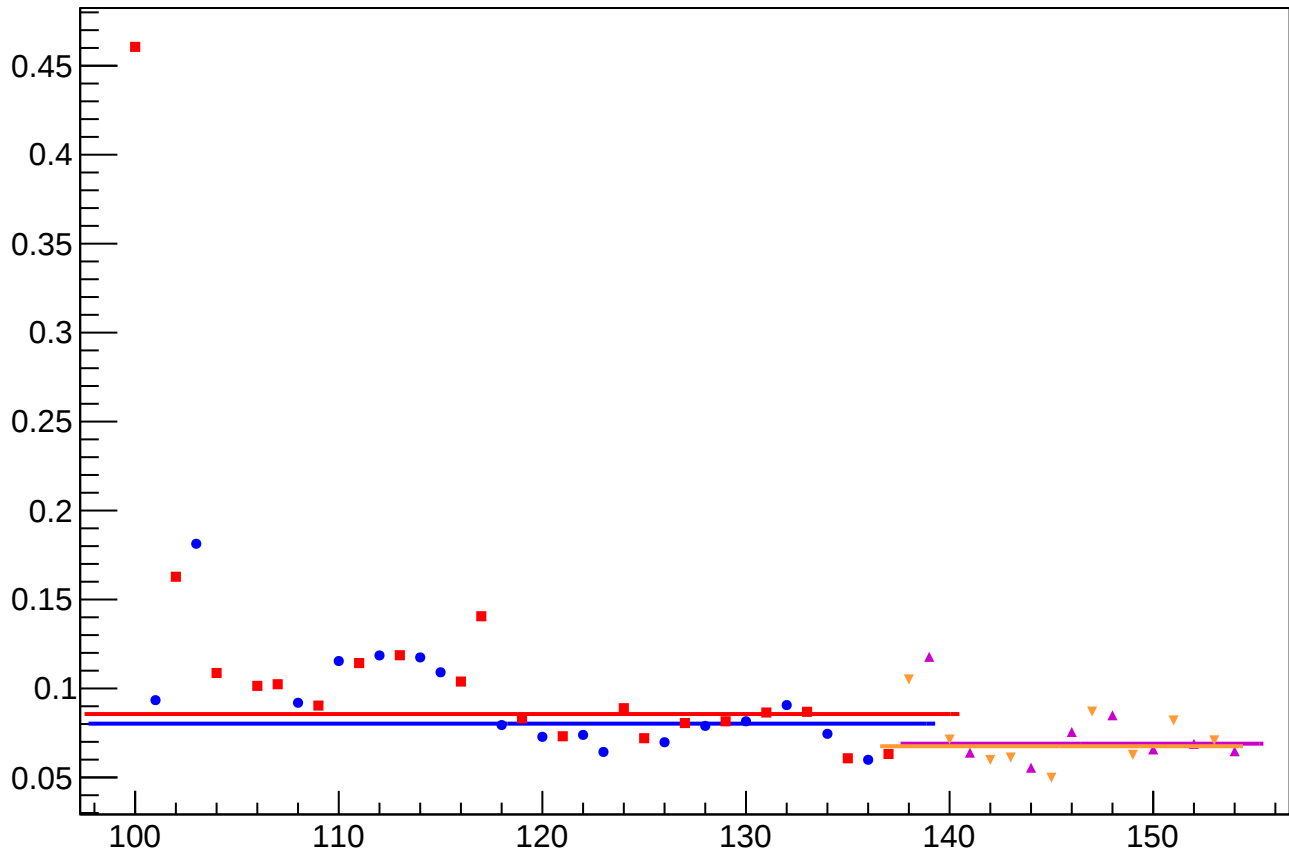
Right Out: 14.772+/-0.000 χ^2/NDF : 1887789052.4/19

Left In: 15.193+/-0.000 χ^2/NDF : 720490679.4/7

14.786+/-0.000 χ^2/NDF : 2509747715.8/25

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 : 459533.7/8

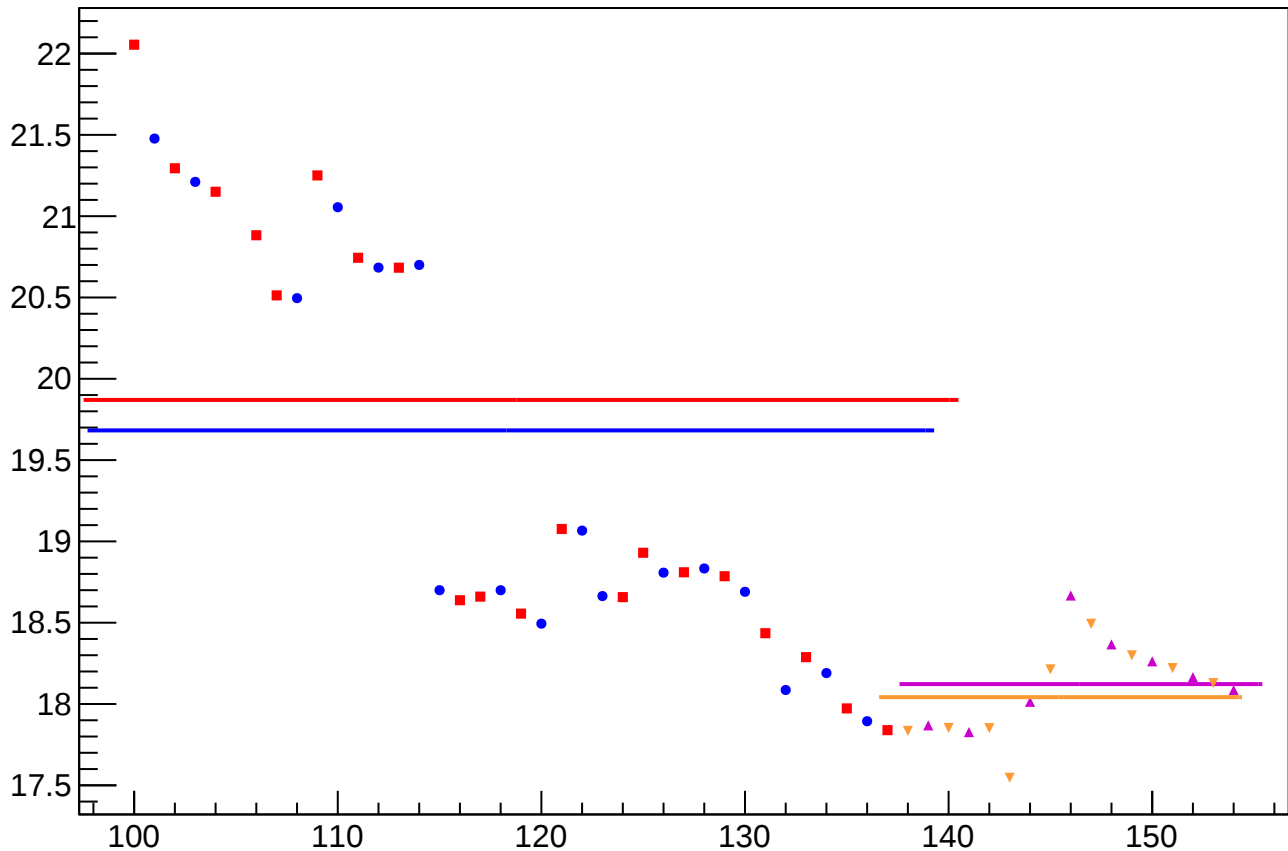
Right Out: 0.086+/-0.000 χ^2/NDF : 750289.2/19

Left In: 0.069+/-0.000 χ^2/NDF : 398131.3/7

0.073+/-0.000 χ^2/NDF : 1395800.6/25

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: 18.042+/-0.000 χ^2/NDF : 397128582.6/8

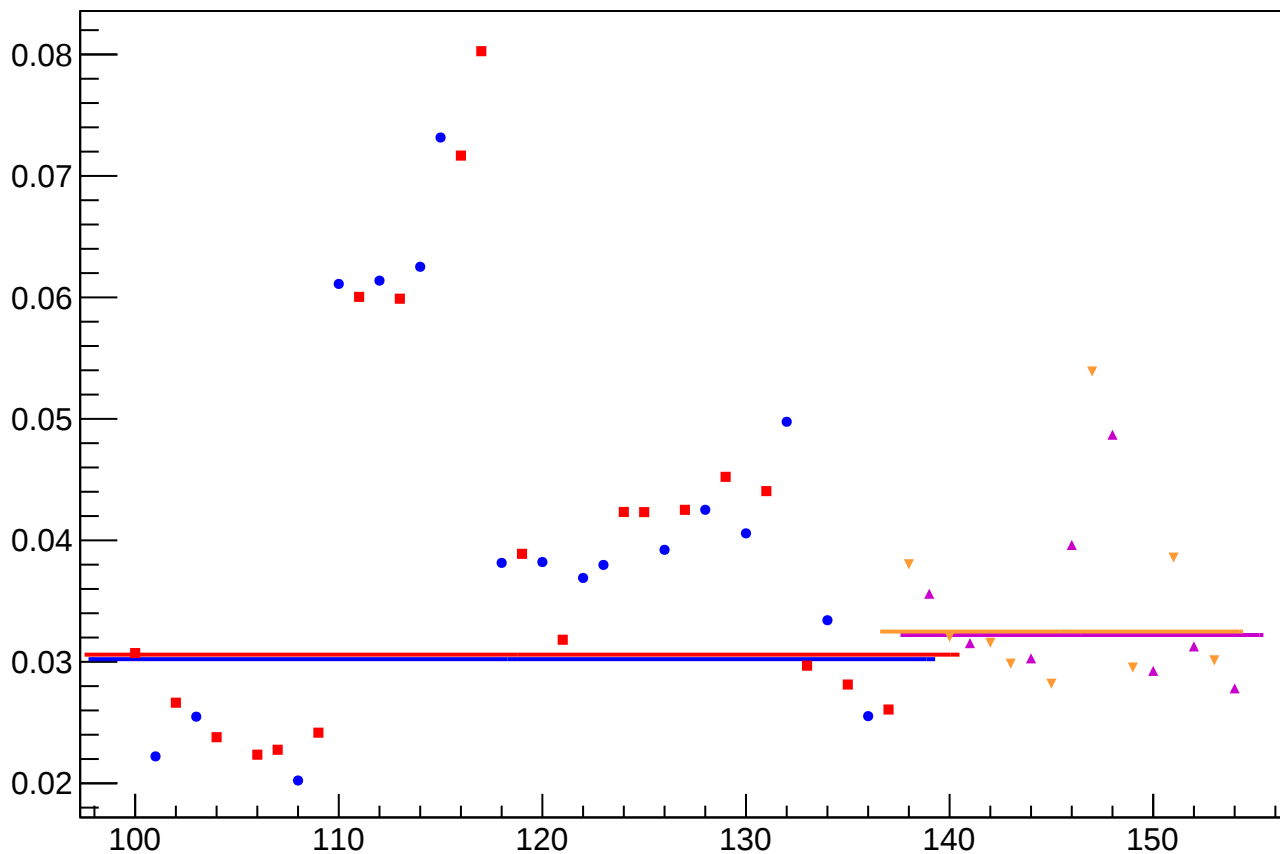
18.889+/-0.000 χ^2/NDF : 20637262385.0/25

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 : 372454.5/8

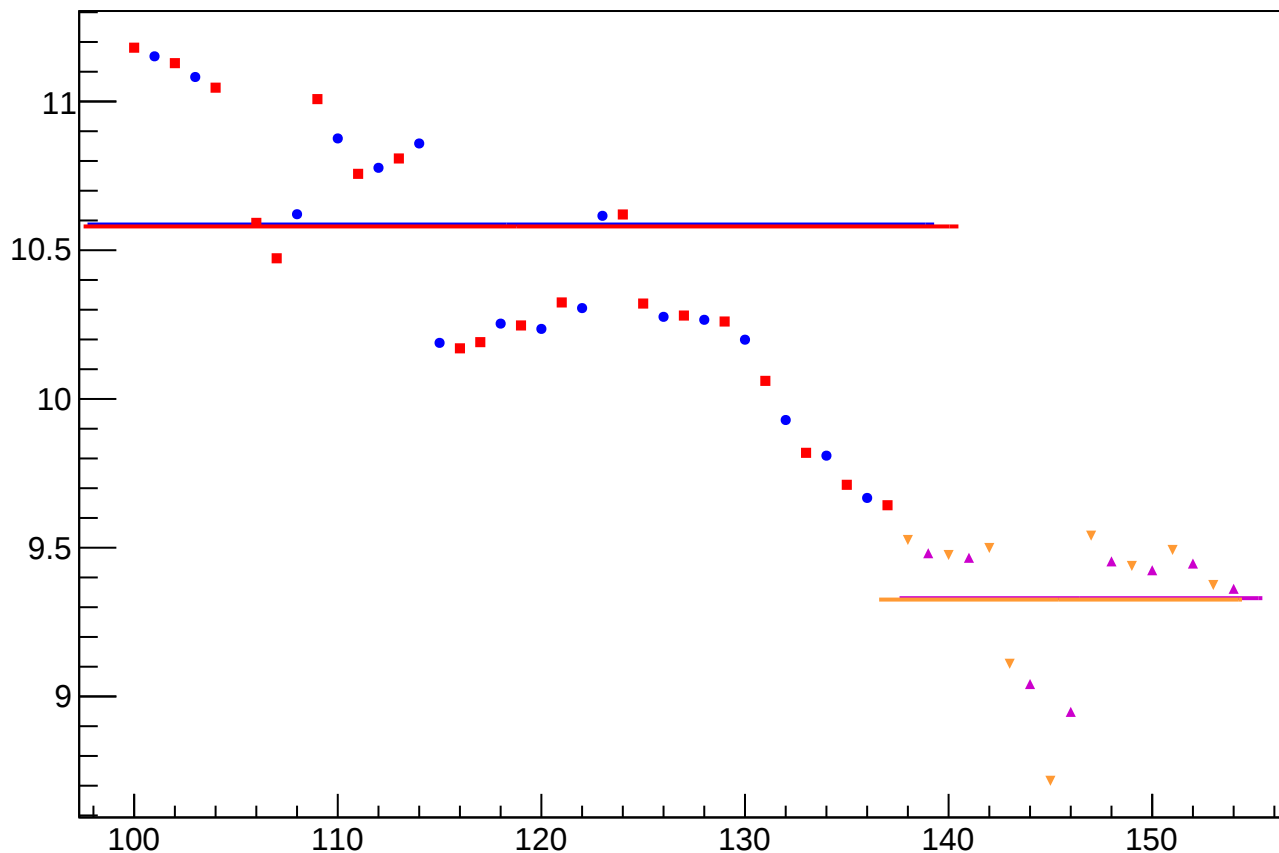
Right Out: 0.031+/-0.000 χ^2/NDF : 1219224.0/19

Left In: 0.032+/-0.000 χ^2/NDF : 307716.9/7

0.031+/-0.000 χ^2/NDF : 1727530.6/25

0.031+/-0.000 χ^2/NDF : 1542964.6/27

yield_sam6_mean vs Slug



Right In: 10.586+/-0.000 χ^2/NDF : 7420104563.4/16

Left Out: 9.326+/-0.000 χ^2/NDF :1034465895.7/8

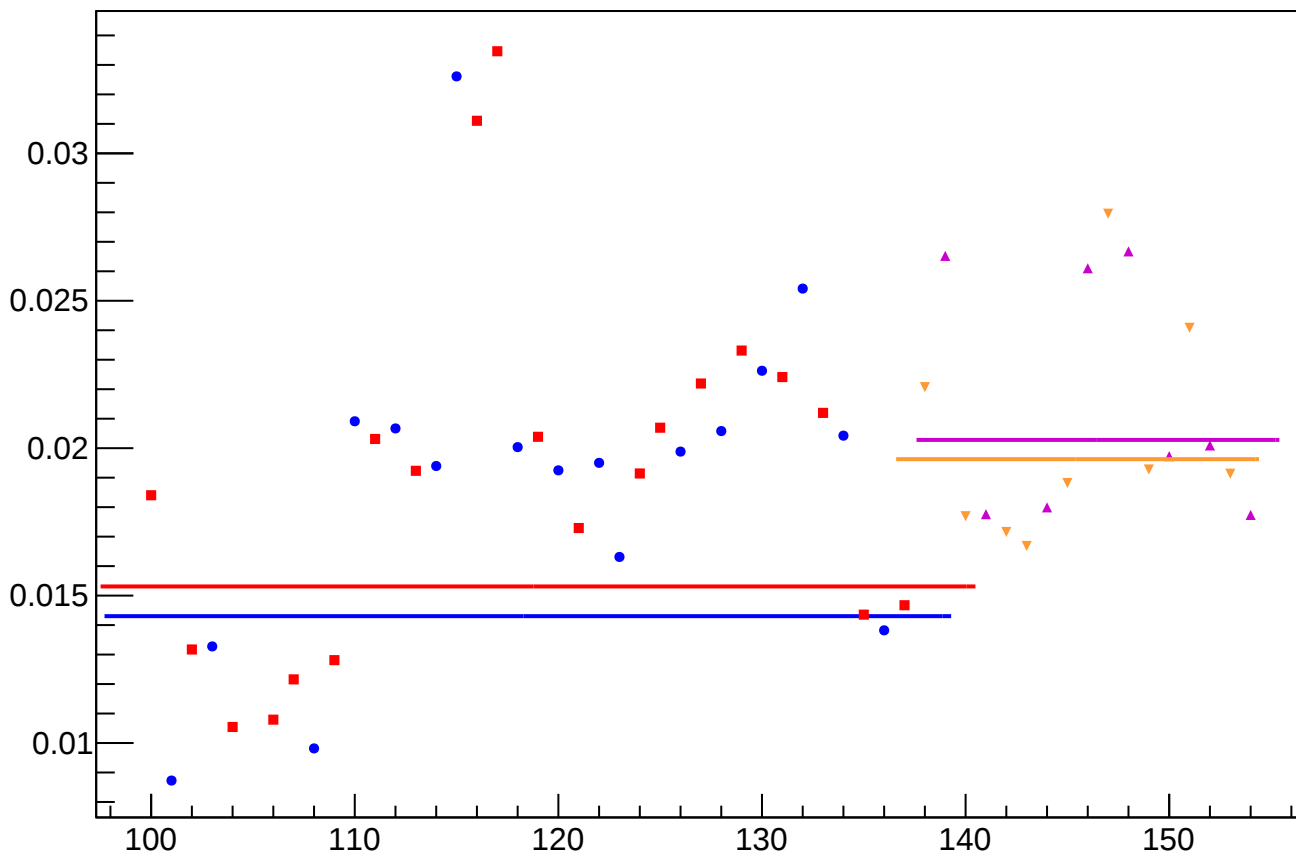
Right Out: 10.580+/-0.000 χ^2/NDF : 5769007164.9/19

Left In: 9.330+/-0.000 χ^2/NDF :485388167.5/7

10.122+/-0.000 χ^2/NDF : 23699536090.7/25

10.127+/-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 : 273862.1/8

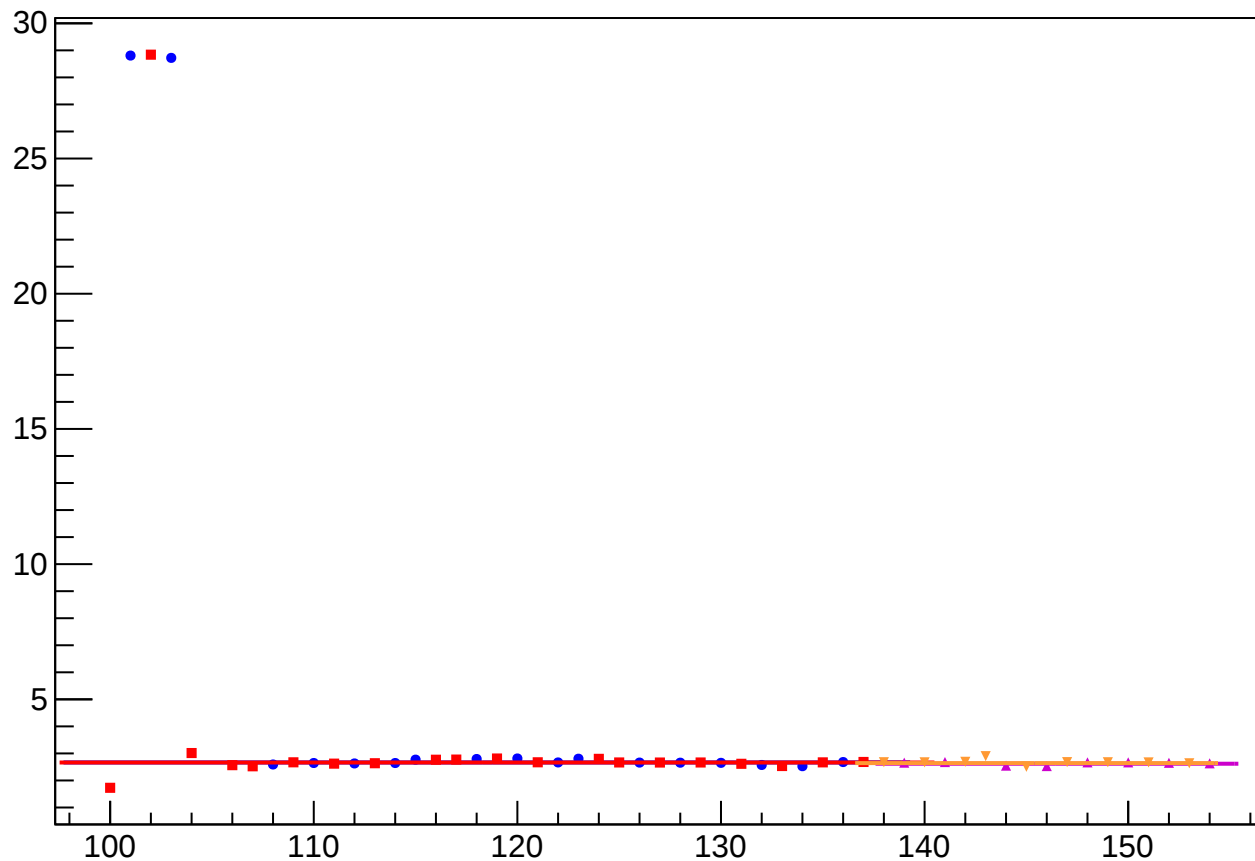
Right Out: 0.015+/-0.000 χ^2/NDF : 1011477.2/19

Left In: 0.020+/-0.000 χ^2/NDF : 327775.2/7

0.016+/-0.000 χ^2/NDF : 2225835.1/25

0.017+/-0.000 χ^2/NDF : 1791832.2/27

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 : 11360763435.1/8

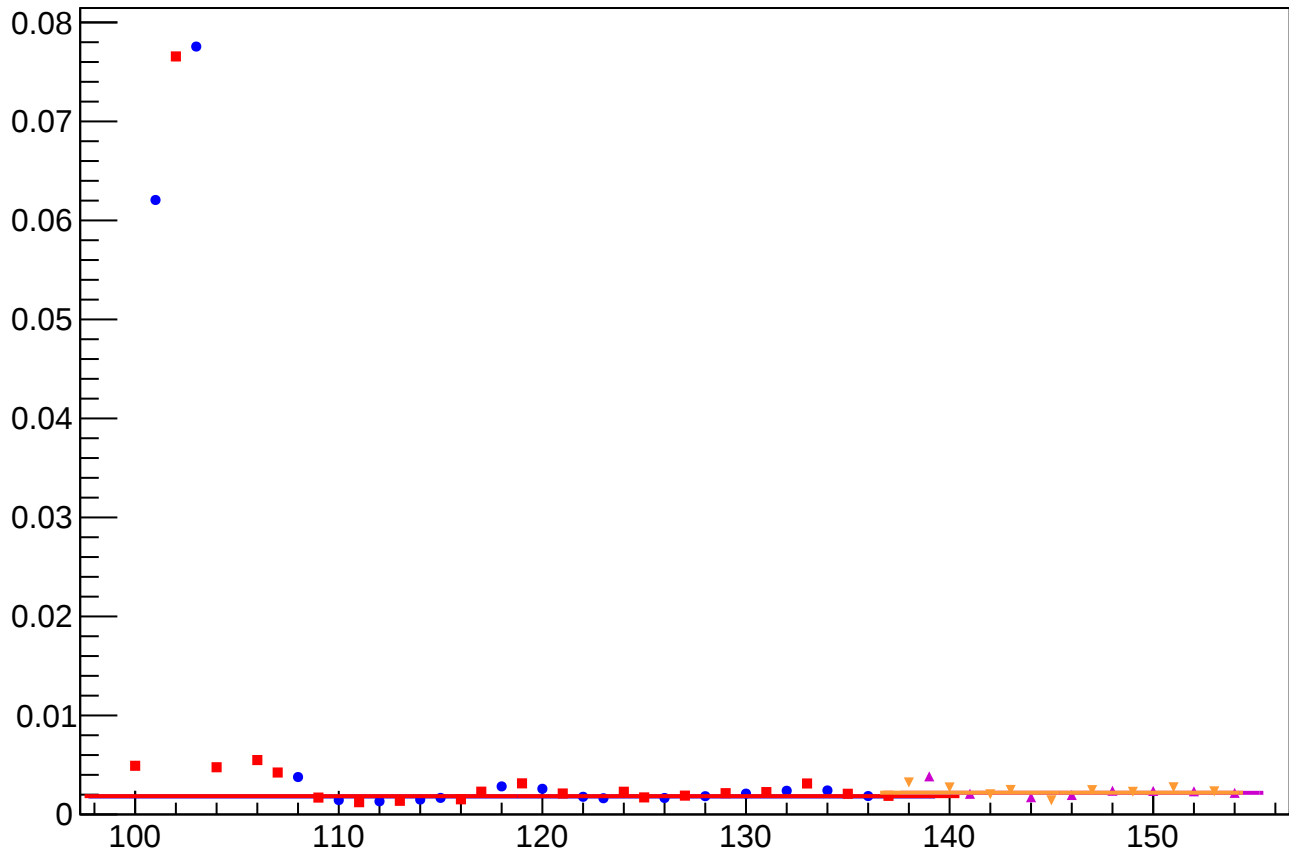
Right Out: 2.664+/-0.000 χ^2/NDF : 70484048082.1/19

Left In: 2.619+/-0.000 χ^2/NDF : 3822390258.3/7

2.656+/-0.000 χ^2/NDF : 174862700061.7/25

2.644+/-0.000 χ^2/NDF : 75581474982.3/27

yield_sam7_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2661372.0/16

Left Out: 0.002+/-0.000 χ^2/NDF : 593914.1/8

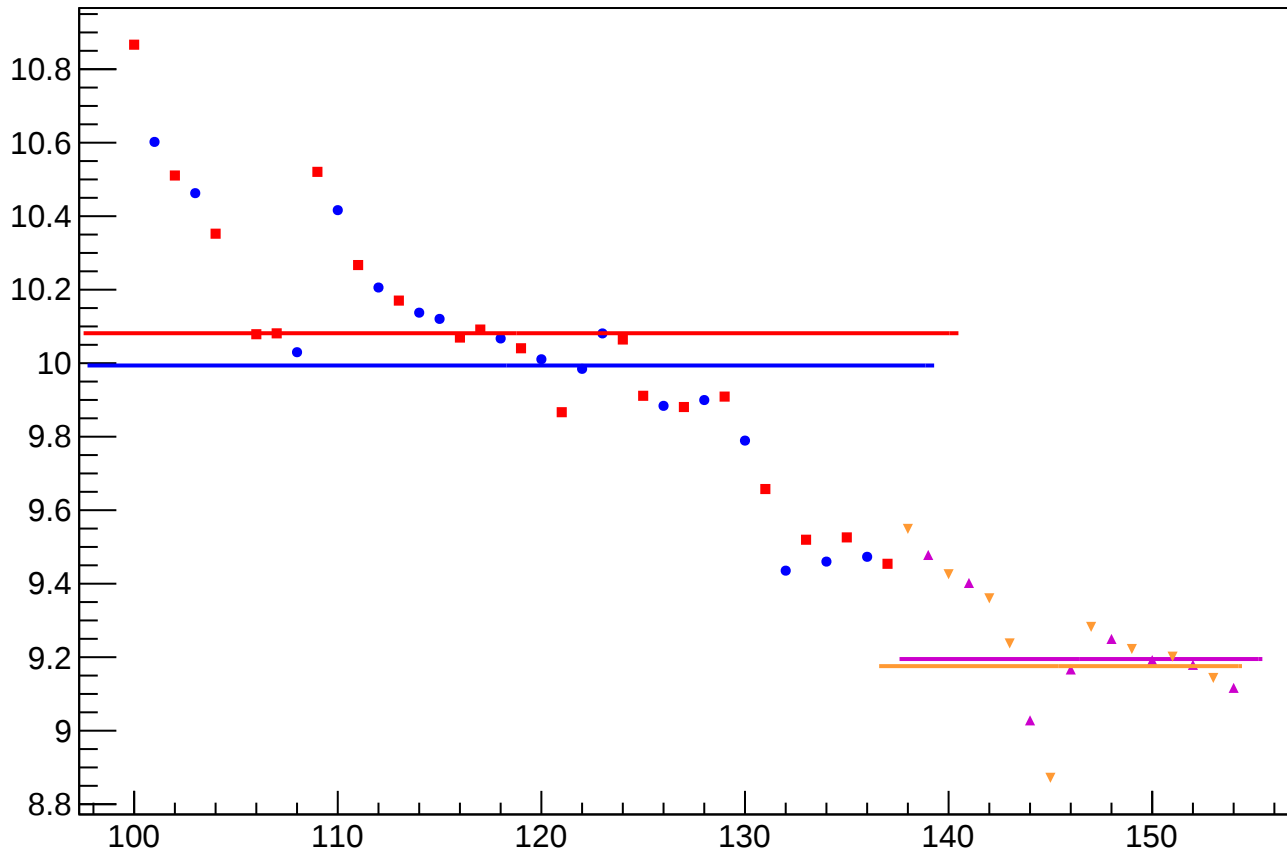
Right Out: 0.002+/-0.000 χ^2/NDF : 2334243.7/19

Left In: 0.002+/-0.000 χ^2/NDF : 391783.3/7

0.002+/-0.000 χ^2/NDF : 3427885.6/25

0.002+/-0.000 χ^2/NDF : 2866932.1/27

yield_sam8_mean vs Slug



Right In: 9.994+/-0.000 χ^2/NDF : 18815741664.6/16

Left Out: 9.176+/-0.000 χ^2/NDF : 4595503487.4/8

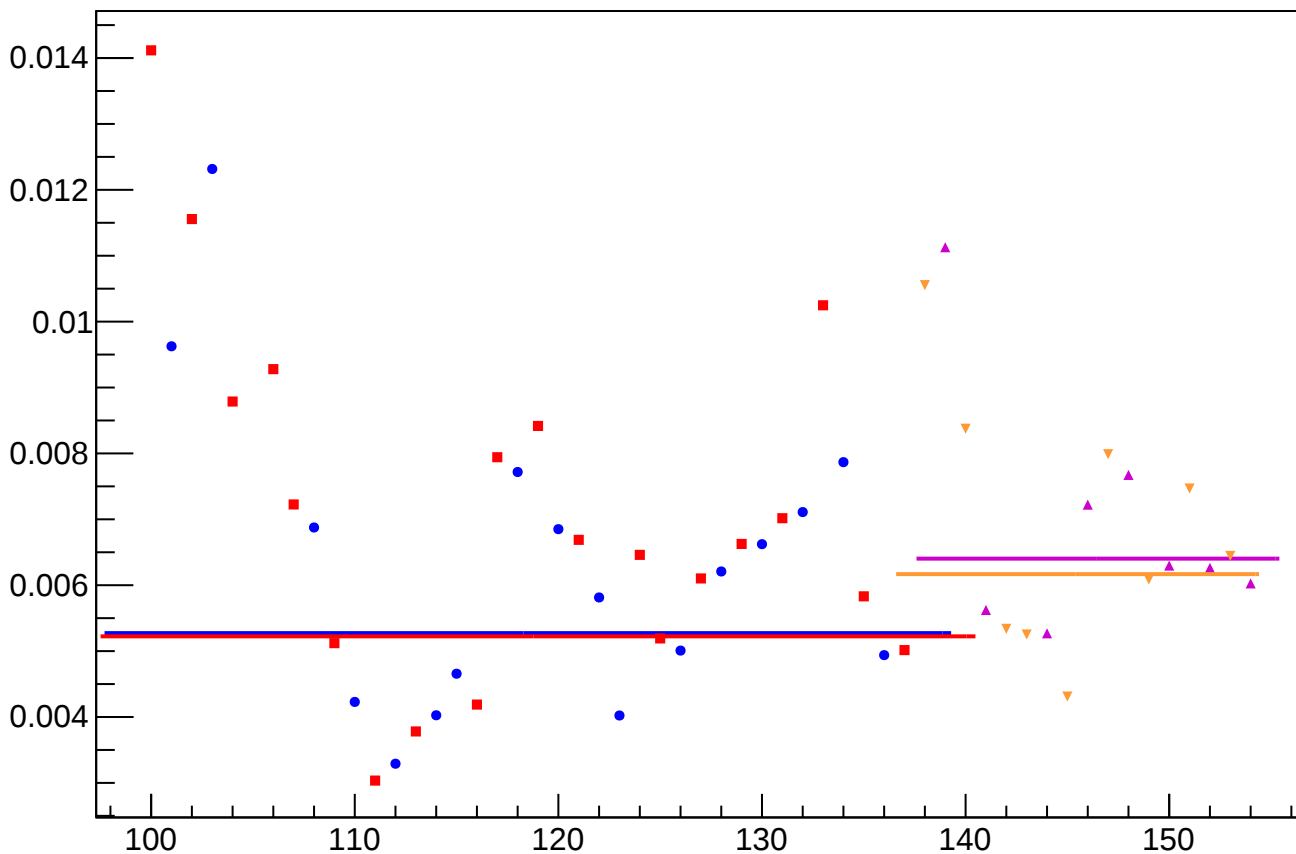
9.651+/-0.000 χ^2/NDF : 74083228243.3/25

Right Out: 10.082+/-0.000 χ^2/NDF : 15502760782.3/19

9.729+/-0.000 χ^2/NDF : 77824827960.8/27

Left In: 9.195+/-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 : 651319.9/8

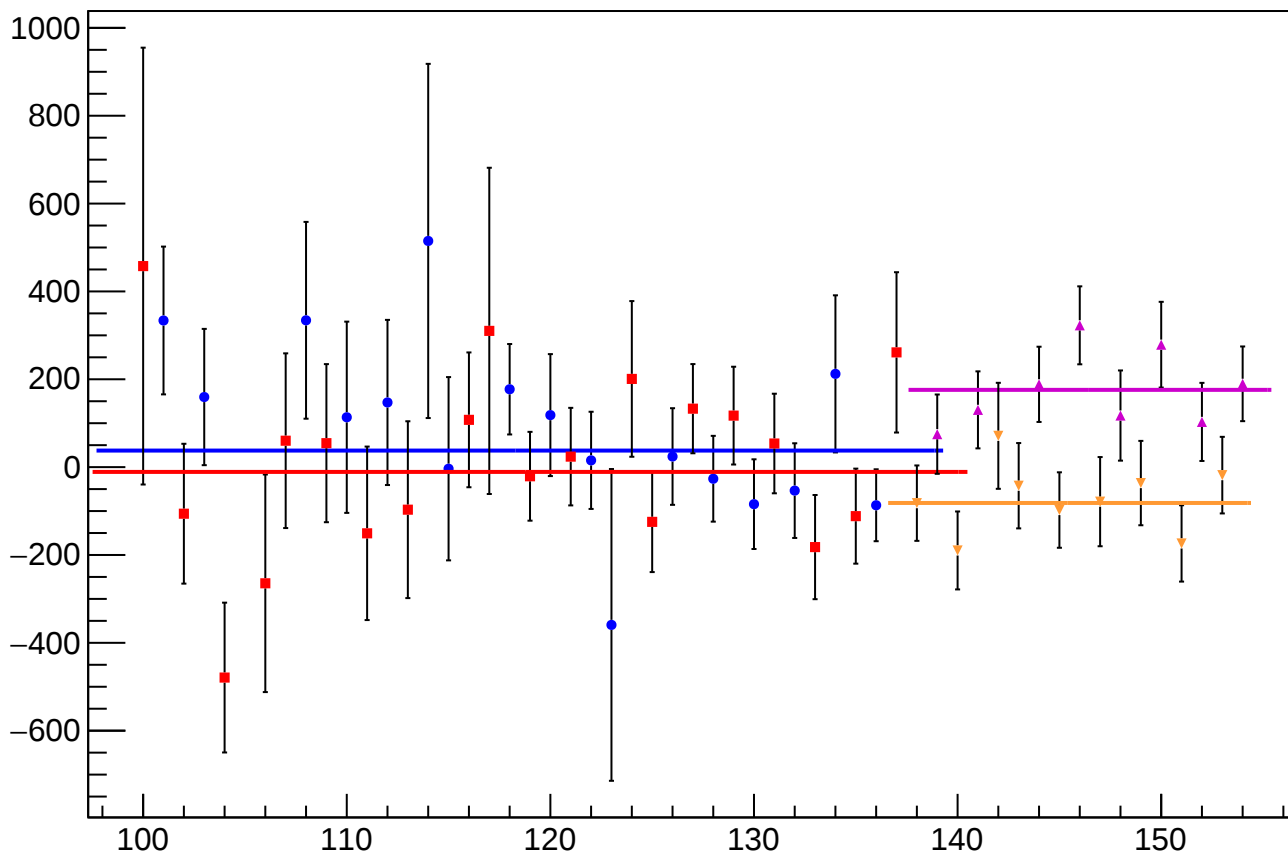
Right Out: 0.005+/-0.000 χ^2/NDF : 1667515.0/19

Left In: 0.006+/-0.000 χ^2/NDF : 388810.3/7

0.006+/-0.000 χ^2/NDF : 2018279.9/25

0.006+/-0.000 χ^2/NDF : 2269753.3/27

reg_asym_sam1_mean vs Slug



Right In: 37.694 ± 32.253 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -81.576 ± 30.971 $\chi^2/\text{NDF}: 5.2/8$

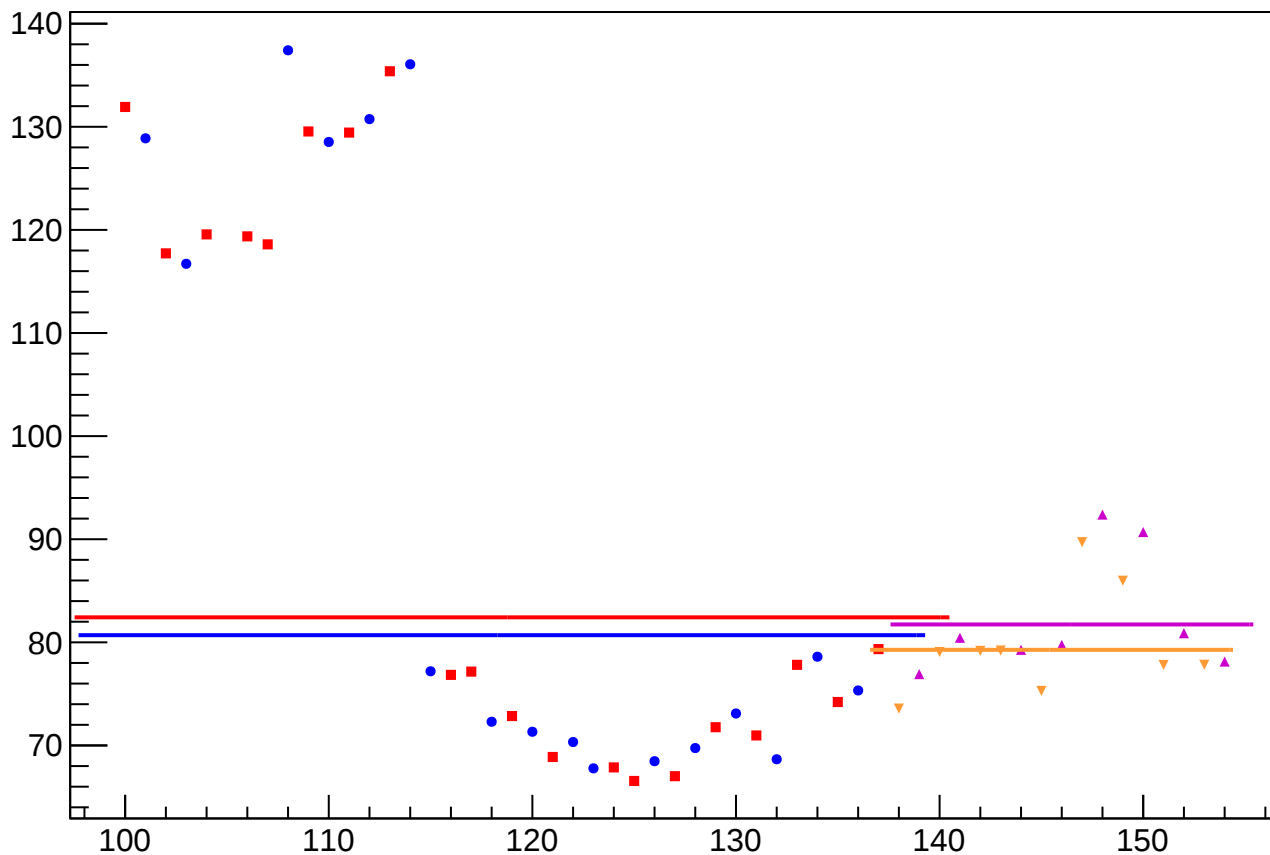
Right Out: -10.884 ± 31.947 $\chi^2/\text{NDF}: 23.5/19$

Left In: 175.900 ± 31.930 $\chi^2/\text{NDF}: 6.4/7$

-24.360 ± 22.339 $\chi^2/\text{NDF}: 29.0/25$

82.560 ± 22.584 $\chi^2/\text{NDF}: 47.0/27$

reg_asym_sam1_rms vs Slug



Right In: 80.694 $\pm$ 0.023 χ^2 /NDF: 814026.4/16

Left Out: 79.275 $\pm$ 0.022 χ^2 /NDF:45152.6/8

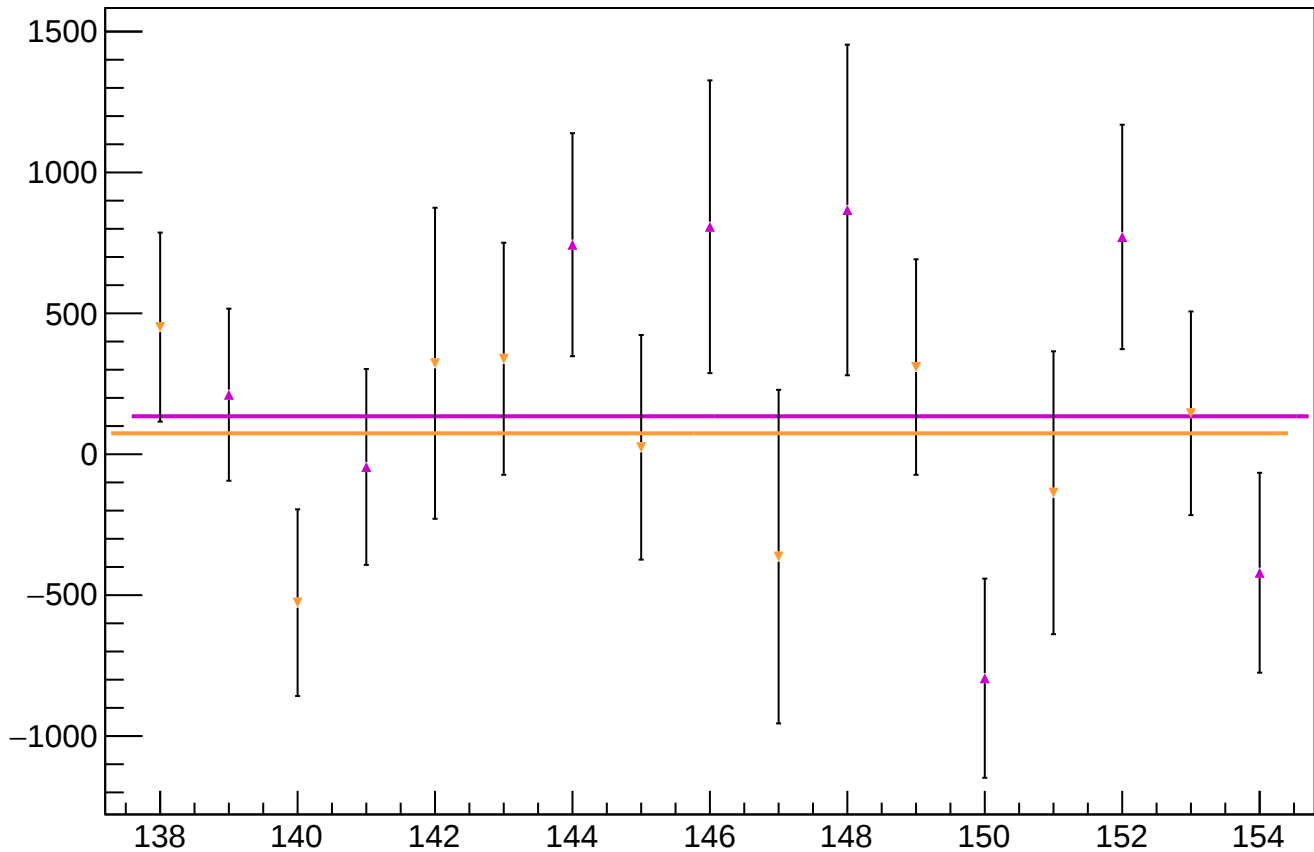
Right Out: 82.424 $\pm$ 0.023 χ^2 /NDF: 915282.5/19

Left In: 81.735 $\pm$ 0.023 χ^2 /NDF:50969.5/7

79.956 $\pm$ 0.016 χ^2 /NDF: 861193.6/25

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: 74.393+/-135.089 χ^2/NDF : 6.3/8

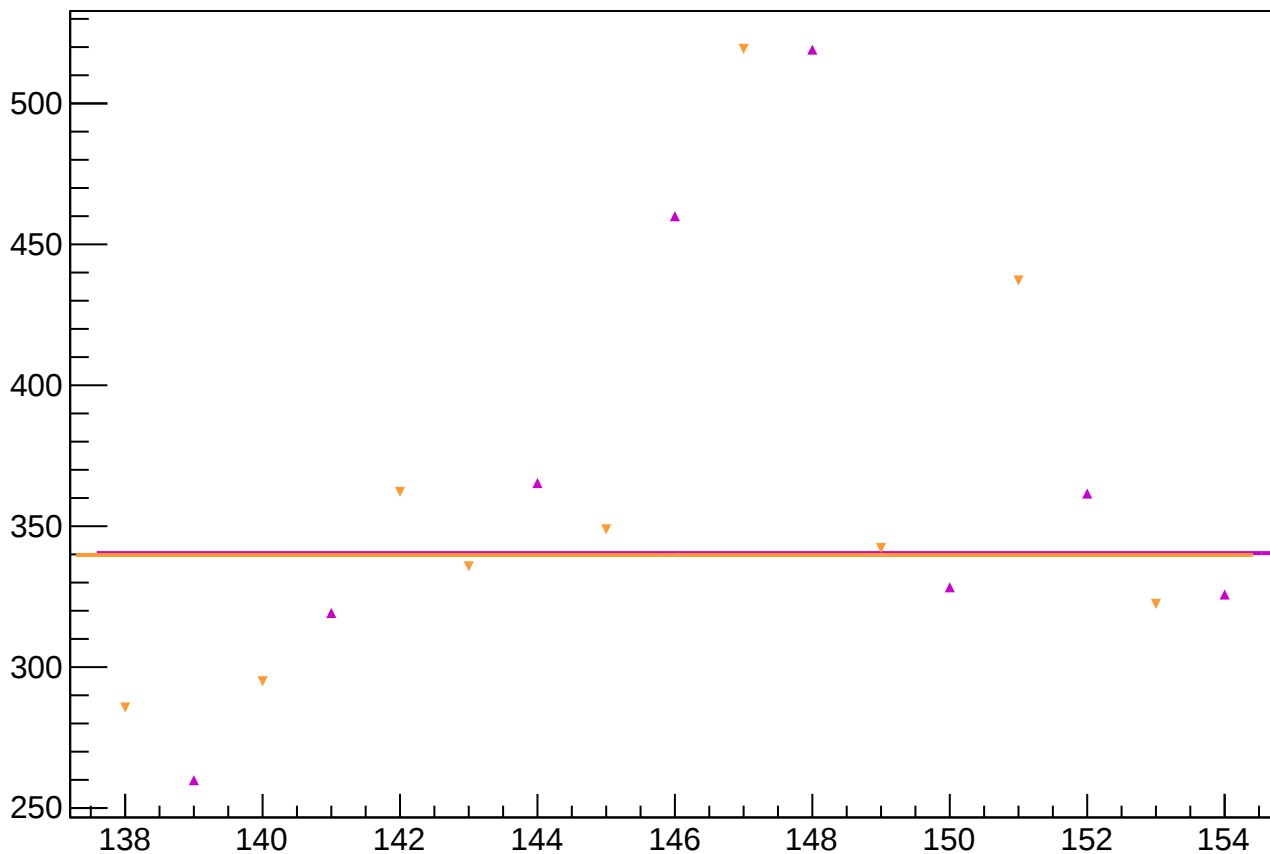
74.393+/-135.089 χ^2/NDF : 6.3/8

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: 339.800+/-0.096 χ^2/NDF : 357359.6/8

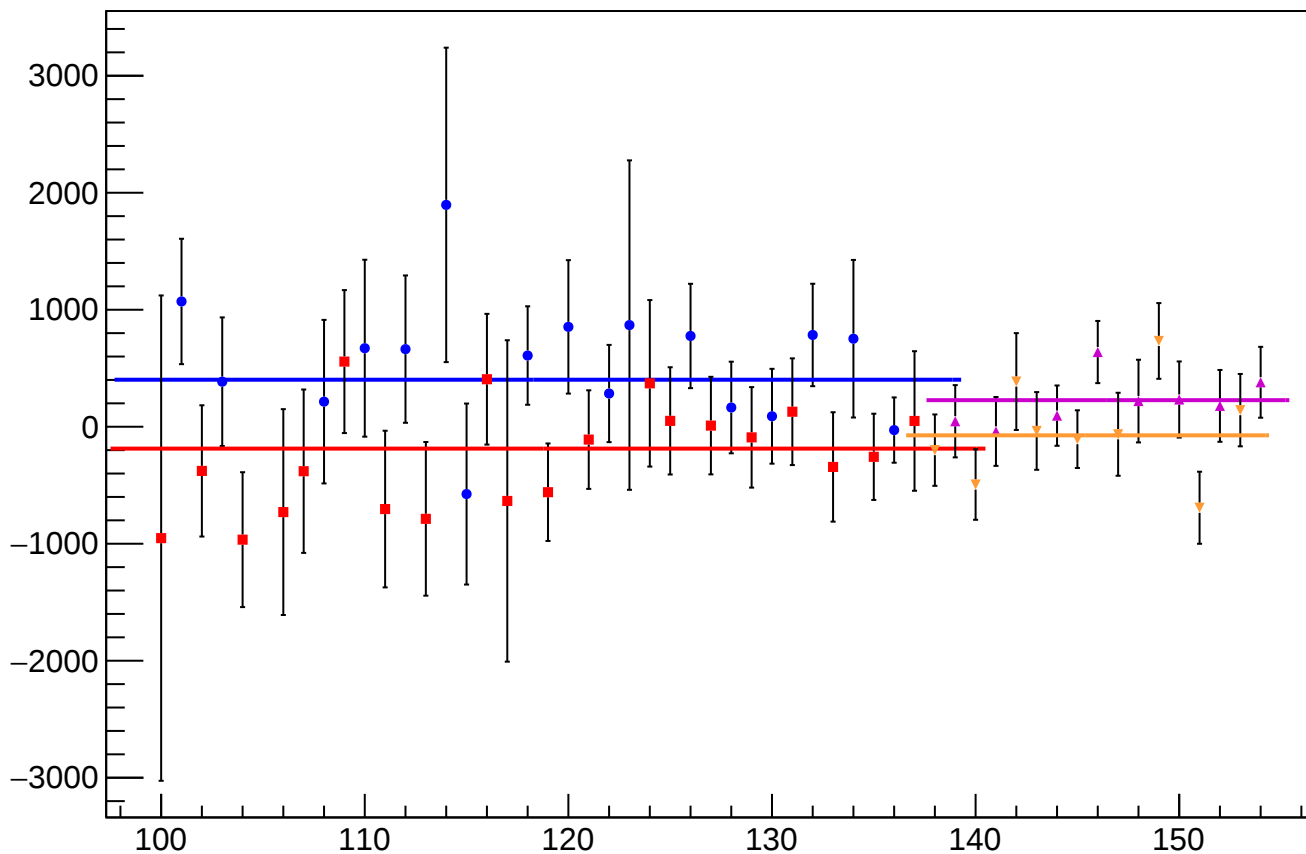
339.800+/-0.096 χ^2/NDF : 357359.6/8

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

340.456+/-0.096 χ^2/NDF : 457523.1/7

Left In: 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: -73.413 ± 104.496 χ^2/NDF : 14.1/8

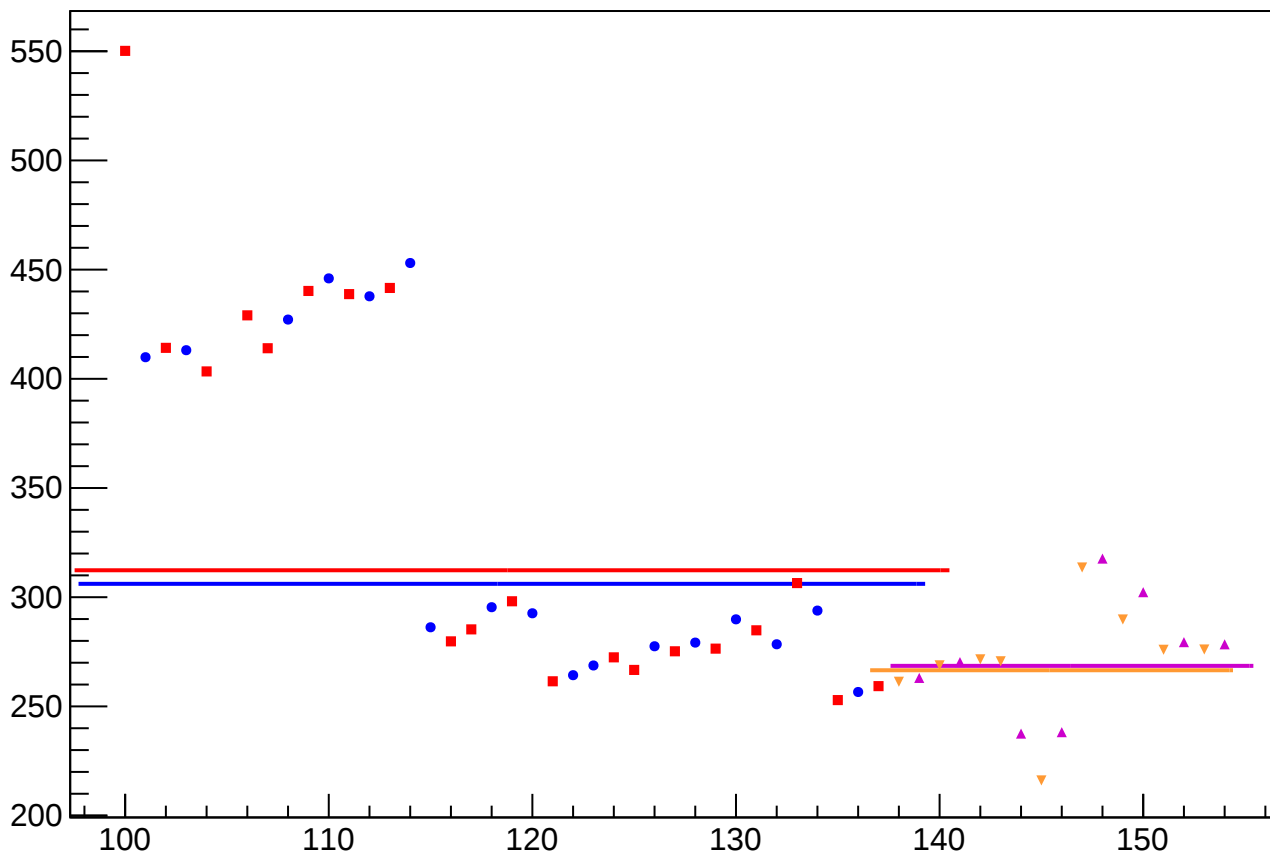
Right Out: -186.914 ± 119.879 χ^2/NDF : 9.4/19

Left In: 227.097 ± 105.285 χ^2/NDF : 4.1/7

129.536 ± 79.099 χ^2/NDF : 33.8/25

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: 266.552+/-0.074 χ^2/NDF :134230.9/8

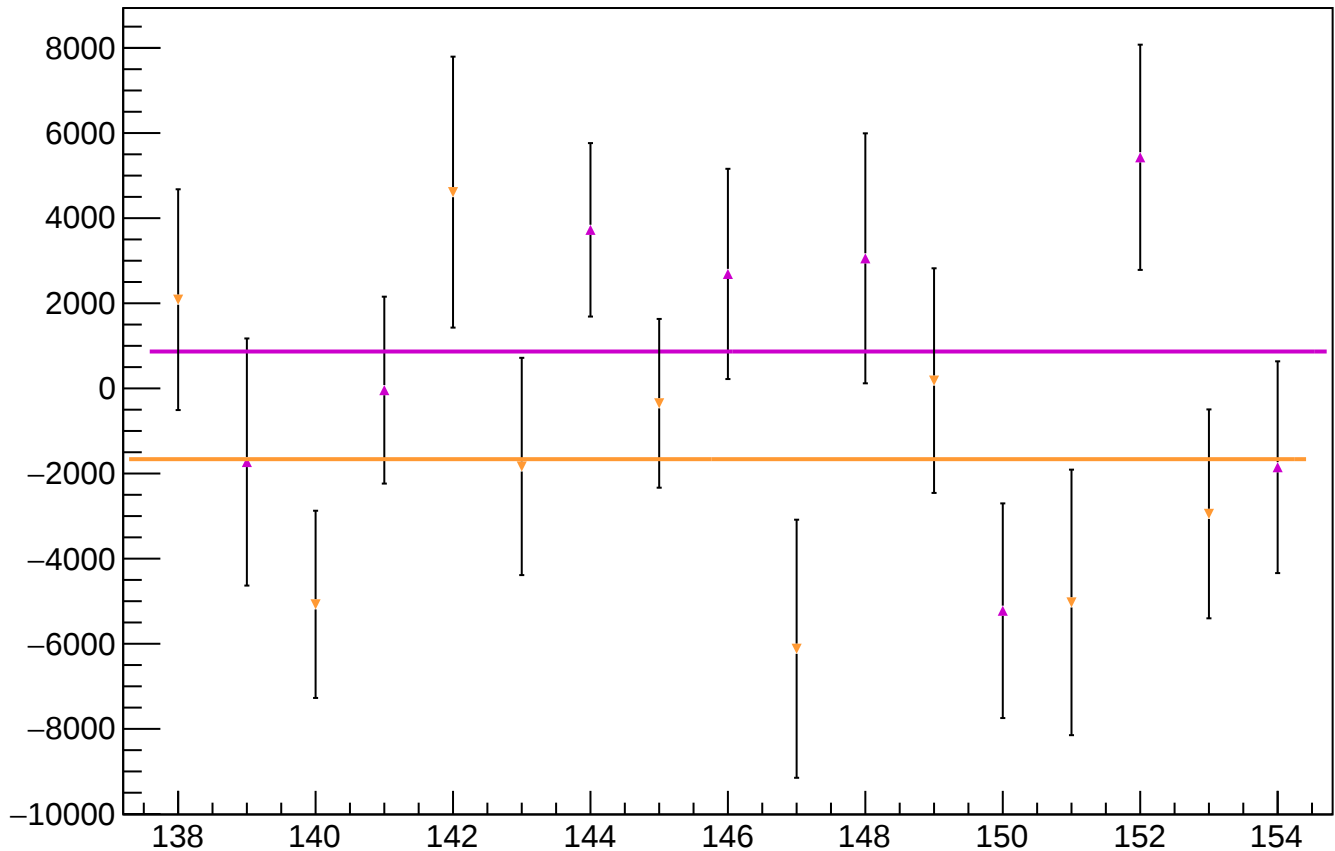
Right Out: 312.335+/-0.085 χ^2/NDF : 626552.3/19

Left In: 268.564+/-0.074 χ^2/NDF :120577.8/7

283.449+/-0.056 χ^2/NDF : 765140.3/25

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: -1662.767+/-850.325 χ^2/NDF : 12.9/8

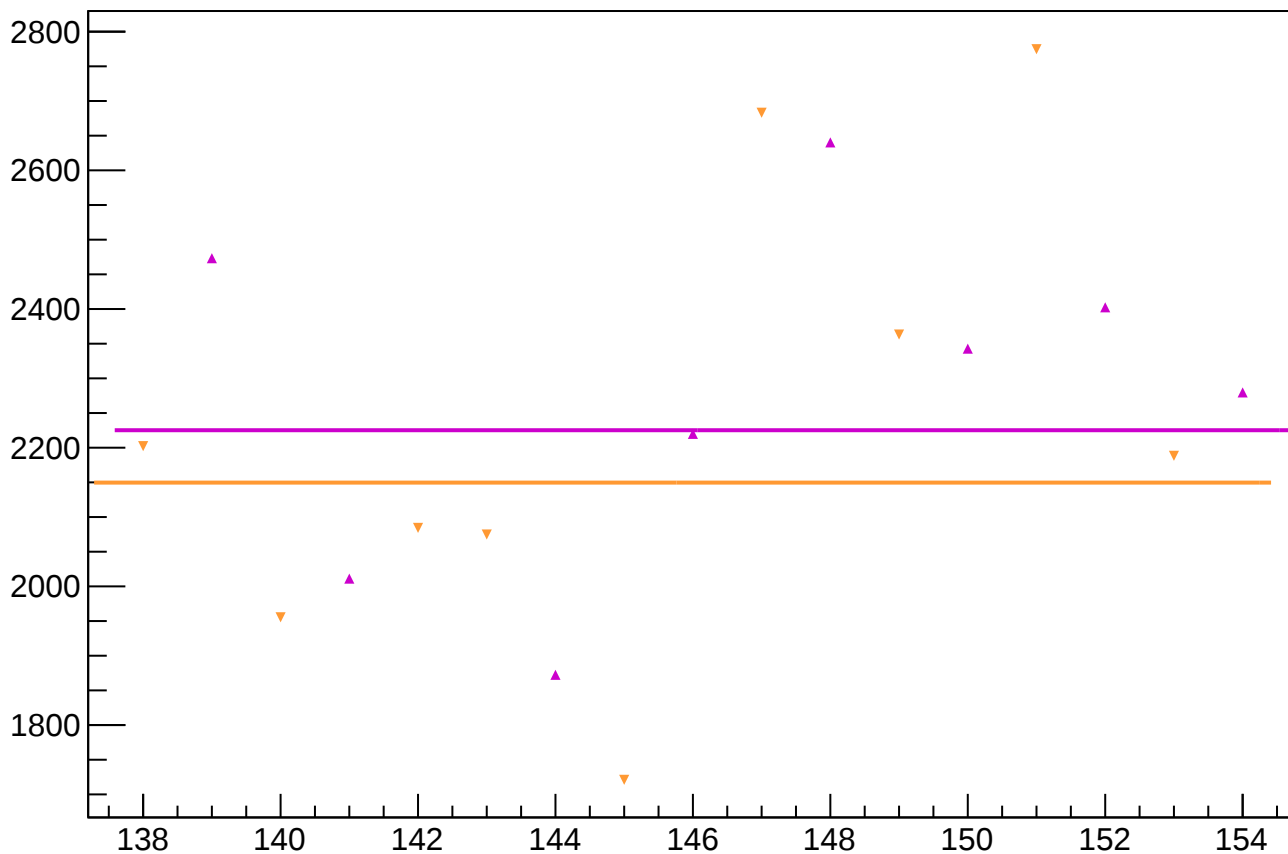
-1662.767+/-850.325 χ^2/NDF : 12.9/8

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: 2149.664+/-0.601 χ^2/NDF : 268238.7/8

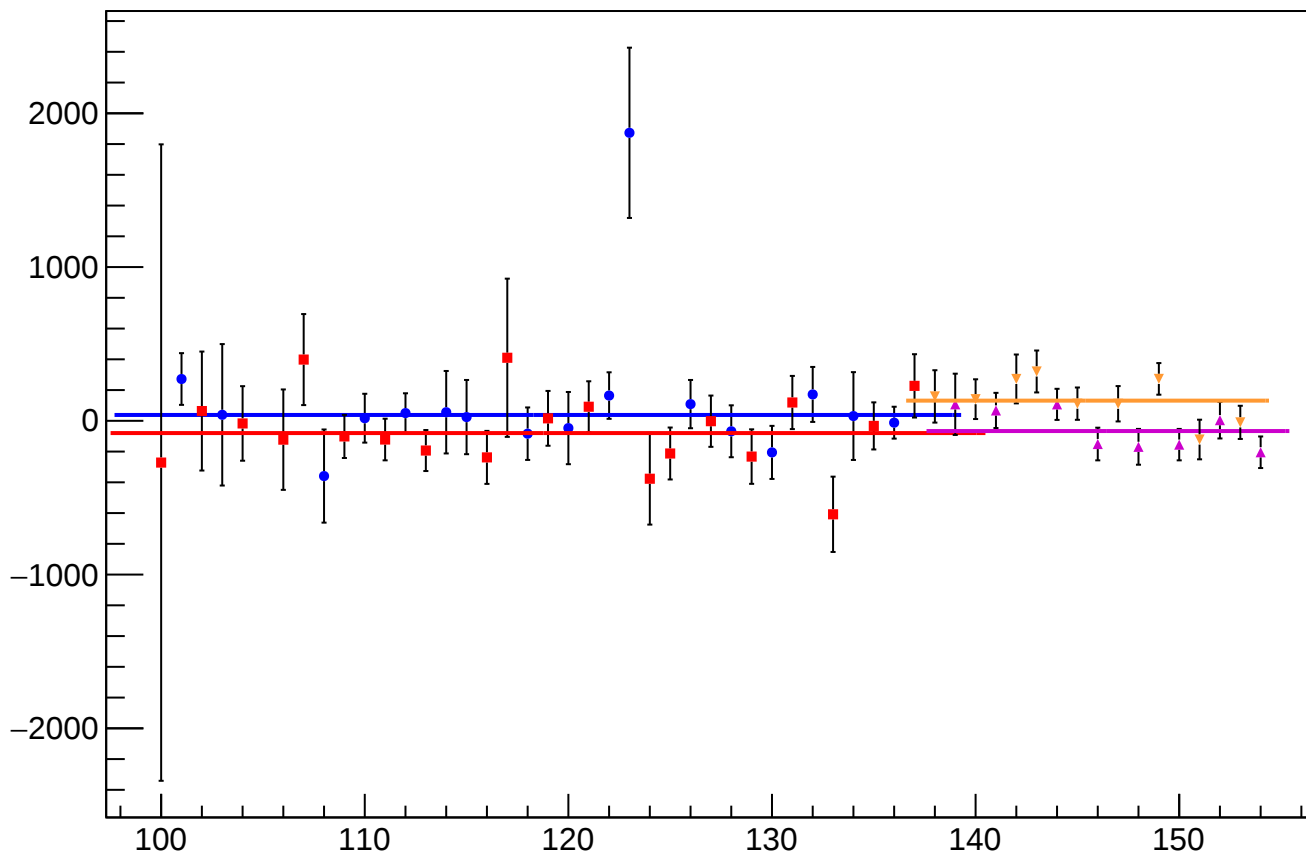
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2225.206+/-0.618 χ^2/NDF : 147760.1/7

2149.664+/-0.601 χ^2/NDF : 268238.7/8

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: 131.297 ± 41.013 χ^2/NDF : 10.3/8

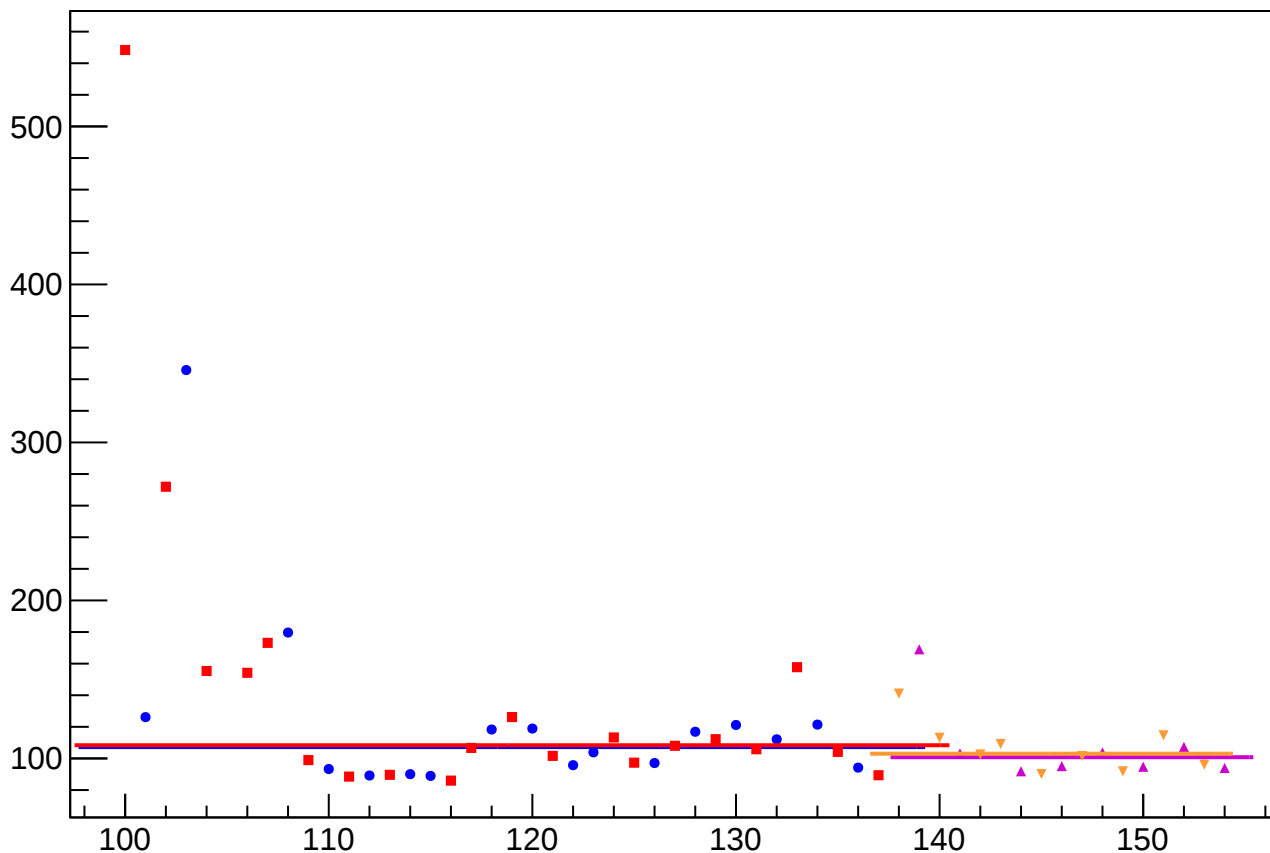
Right Out: -79.665 ± 42.948 χ^2/NDF : 17.6/19

Left In: -66.524 ± 40.064 χ^2/NDF : 9.4/7

87.502 ± 29.856 χ^2/NDF : 32.1/25

-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: 103.001+/-0.029 χ^2/NDF :194373.6/8

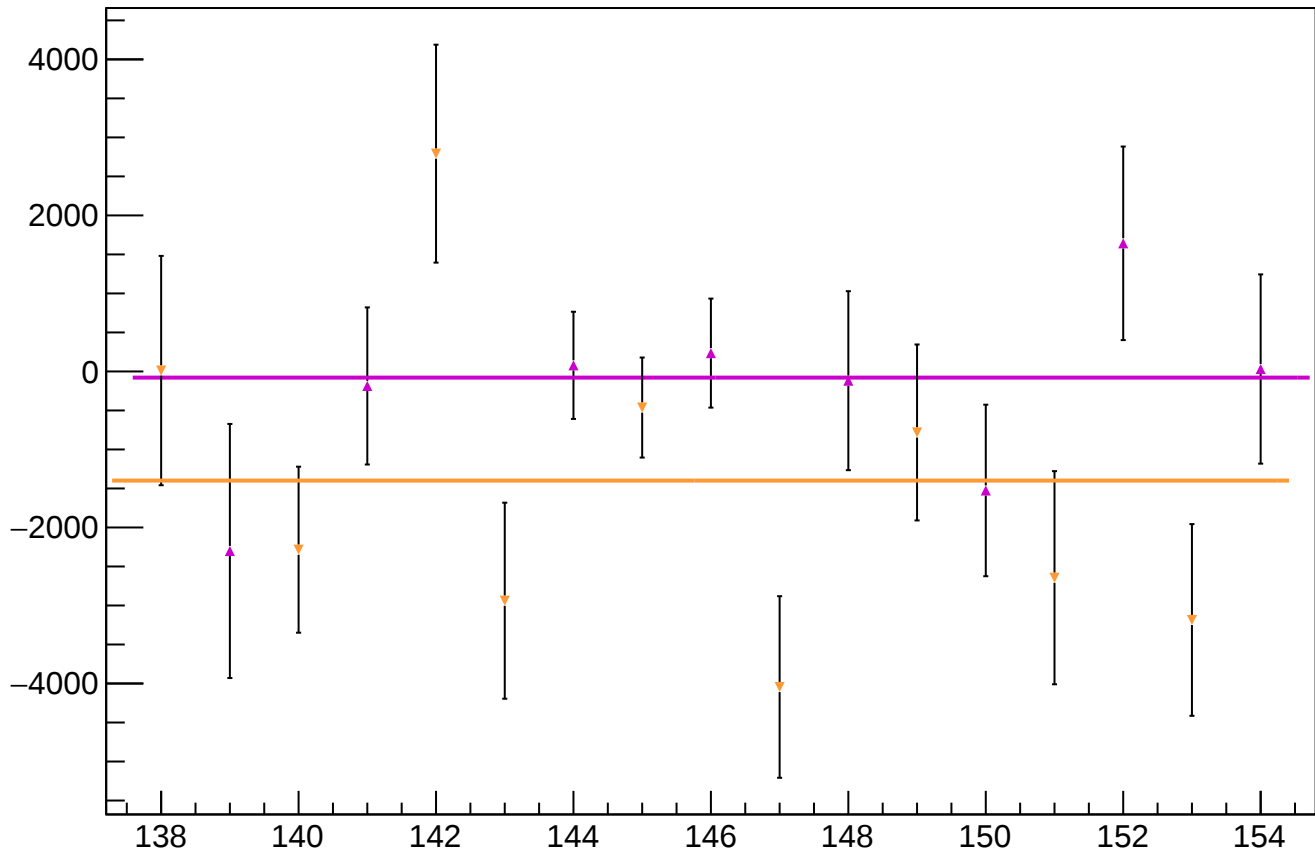
Right Out: 108.347+/-0.030 χ^2/NDF : 917309.2/19

Left In: 100.770+/-0.028 χ^2/NDF :280210.8/7

104.970+/-0.021 χ^2/NDF : 1047290.4/25

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: -1398.772+/-361.609 χ^2/NDF :22.7/8

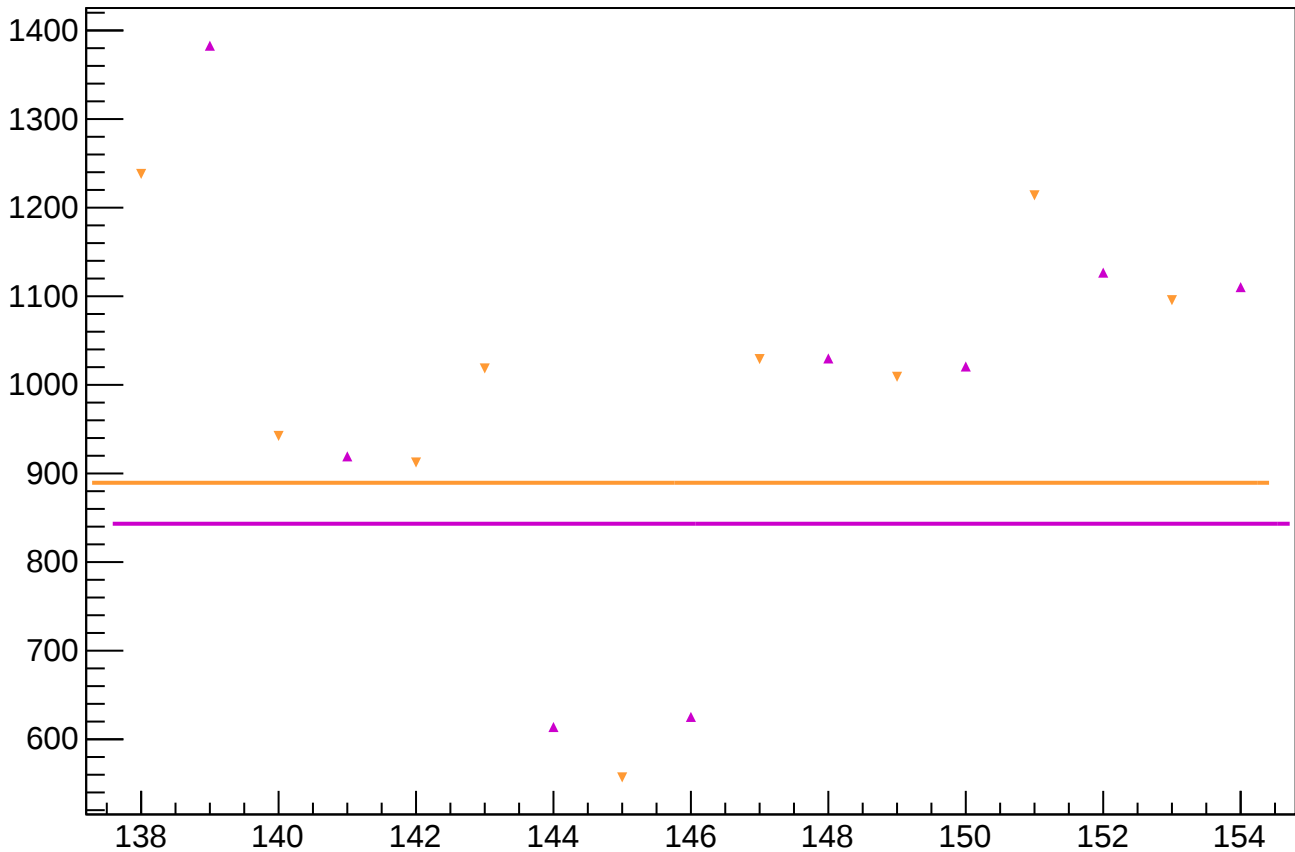
-1398.772+/-361.609 χ^2/NDF : 22.7/8

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: 889.511+/-0.256 χ^2/NDF : 897318.3/8

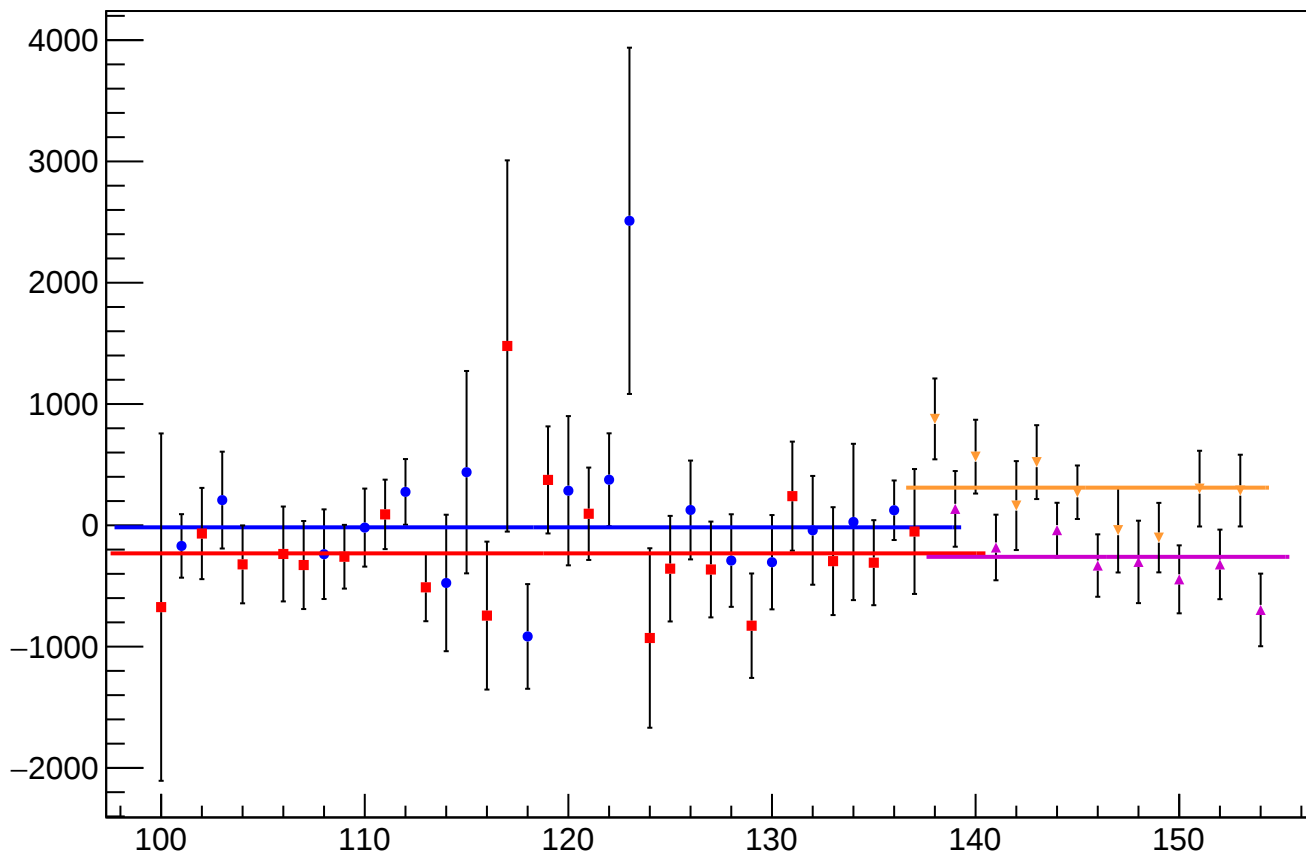
889.511+/-0.256 χ^2/NDF : 897318.3/8

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

Left In: 843.268+/-0.243 χ^2/NDF : 955122.7/7

843.268+/-0.243 χ^2/NDF : 955122.7/7

reg_asym_sam4_mean vs Slug



Right In: -16.459 ± 93.285 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 310.575 ± 99.660 $\chi^2/\text{NDF}: 7.3/8$

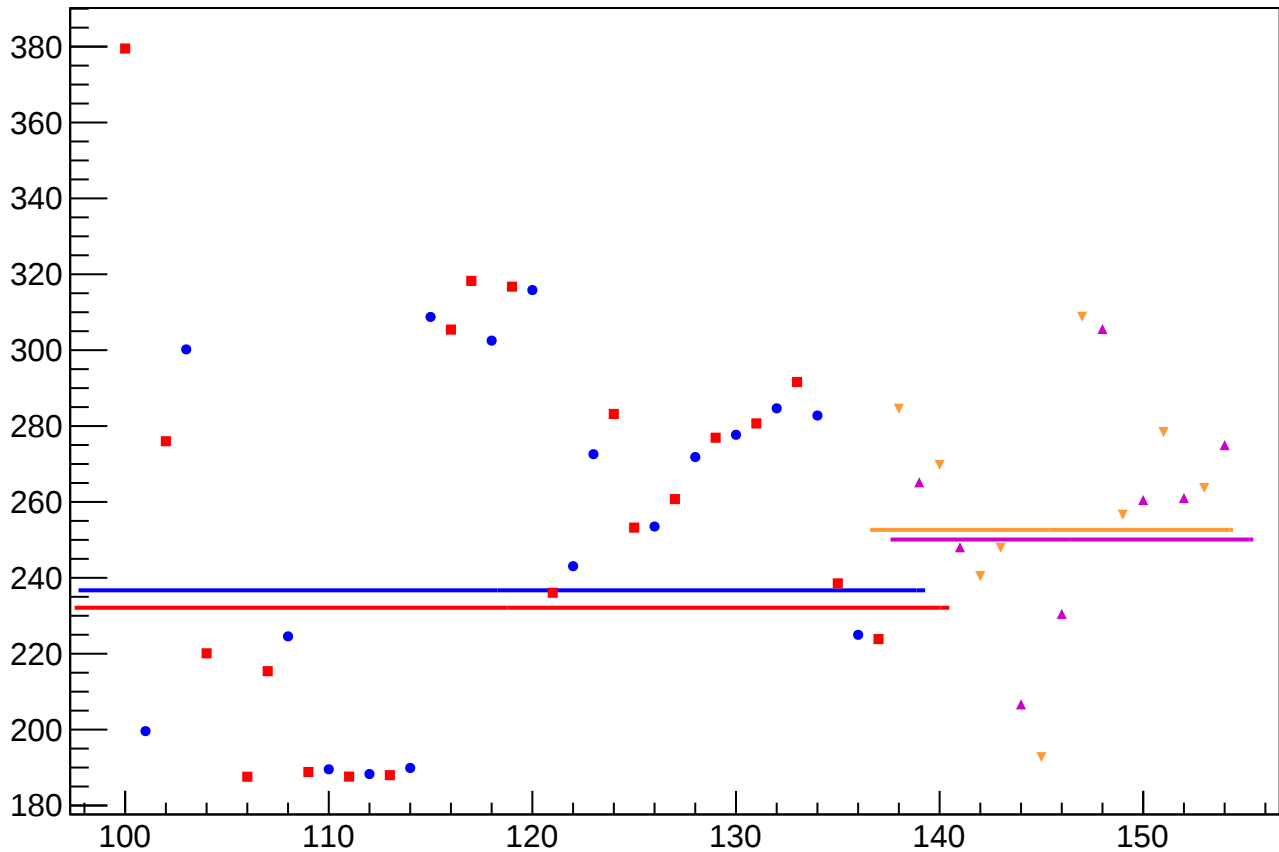
Right Out: -231.209 ± 88.787 $\chi^2/\text{NDF}: 11.6/19$

Left In: -259.860 ± 98.327 $\chi^2/\text{NDF}: 5.4/7$

136.263 ± 68.105 $\chi^2/\text{NDF}: 26.5/25$

-244.078 ± 65.897 $\chi^2/\text{NDF}: 17.0/27$

reg_asym_sam4_rms vs Slug



Right In: 236.706 $\pm$ 0.066 χ^2 /NDF: 390344.9/16

Left Out: 252.639 $\pm$ 0.070 χ^2 /NDF: 243460.0/8

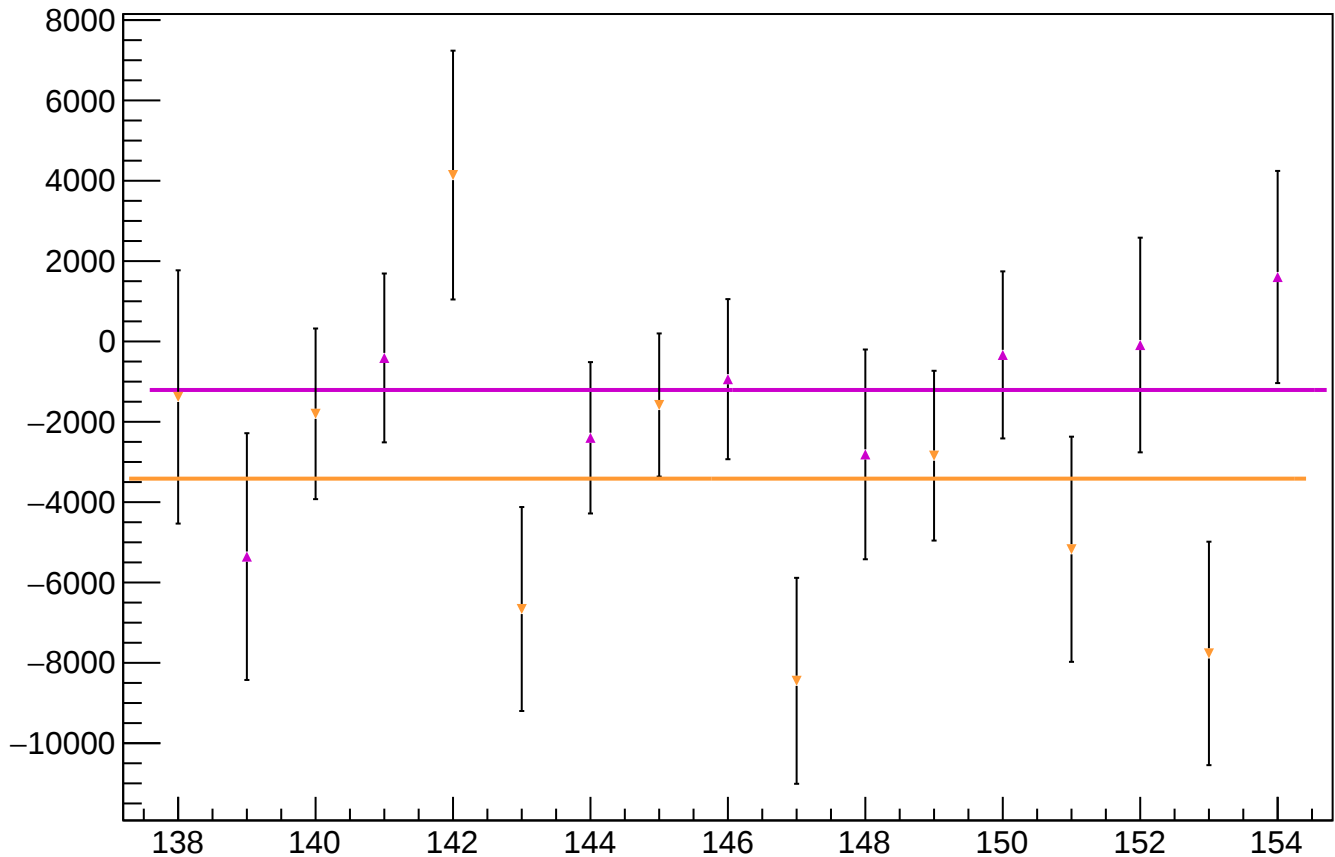
Right Out: 232.119 $\pm$ 0.063 χ^2 /NDF: 449633.1/19

Left In: 250.093 $\pm$ 0.070 χ^2 /NDF: 163447.8/7

244.147 $\pm$ 0.048 χ^2 /NDF: 661049.7/25

240.192 $\pm$ 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: -3414.793+/-808.552 χ^2/NDF : 16.4/8

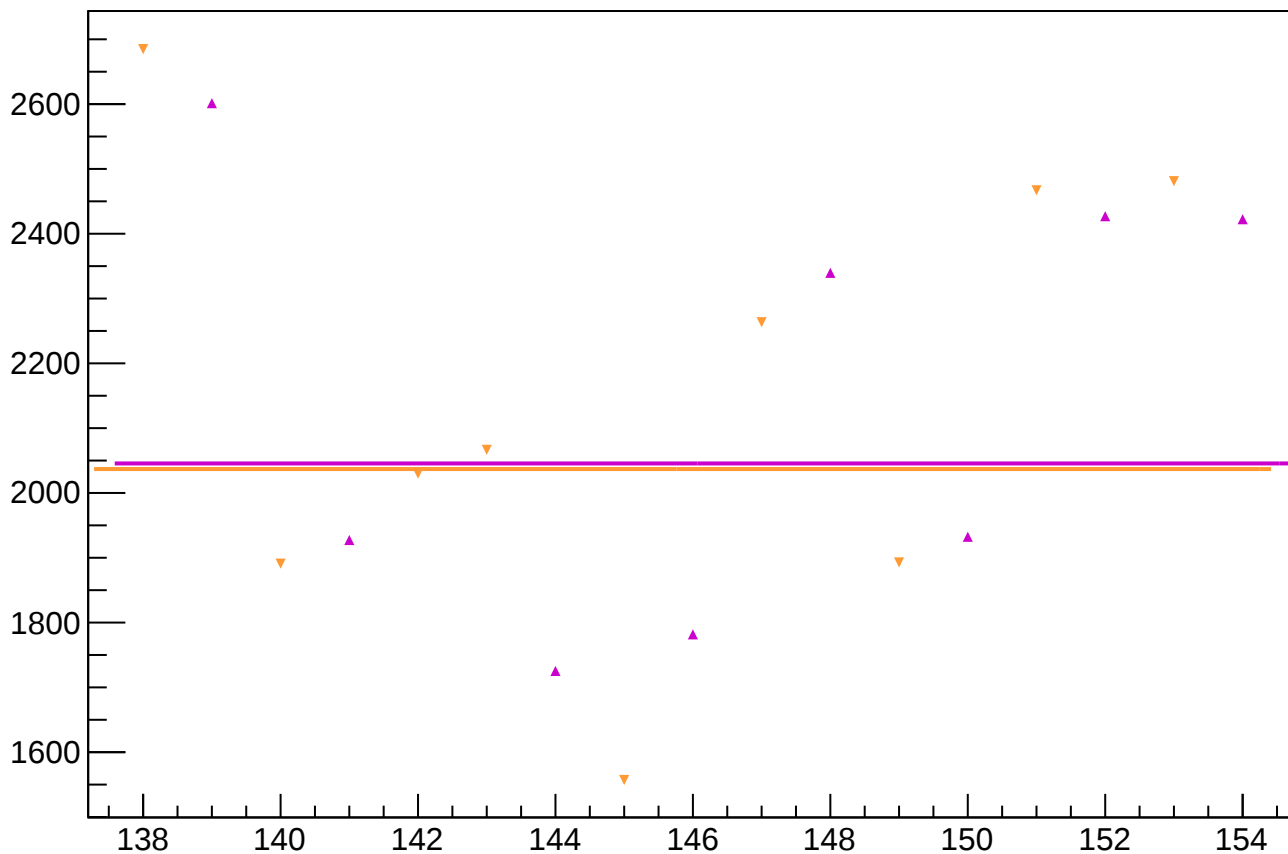
-3414.793+/-808.552 χ^2/NDF : 16.4/8

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: 2036.888+/-0.572 χ^2/NDF : 362345.2/8

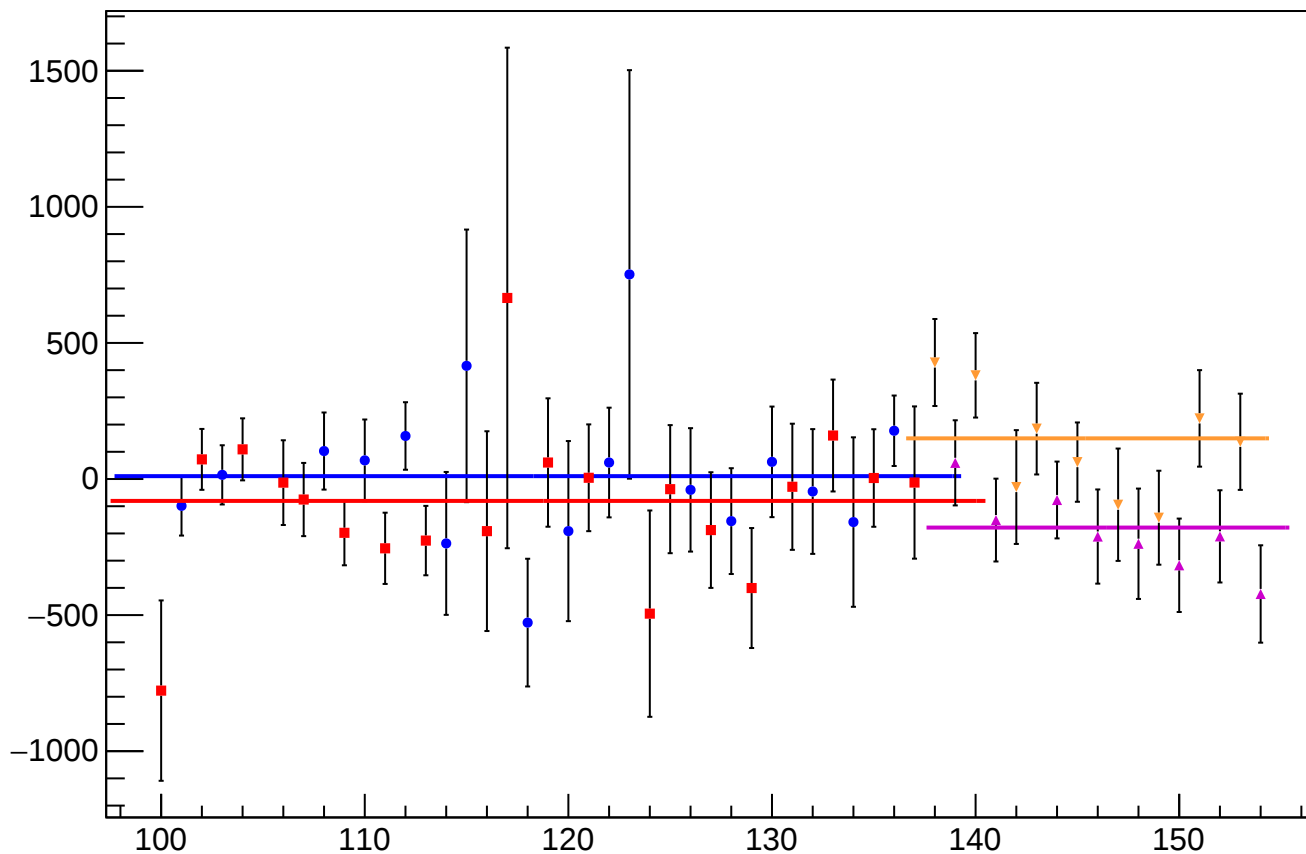
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2045.548+/-0.572 χ^2/NDF : 277462.6/7

2036.888+/-0.572 χ^2/NDF : 362345.2/8

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: 149.384+/-57.094 χ^2/NDF : 10.8/8

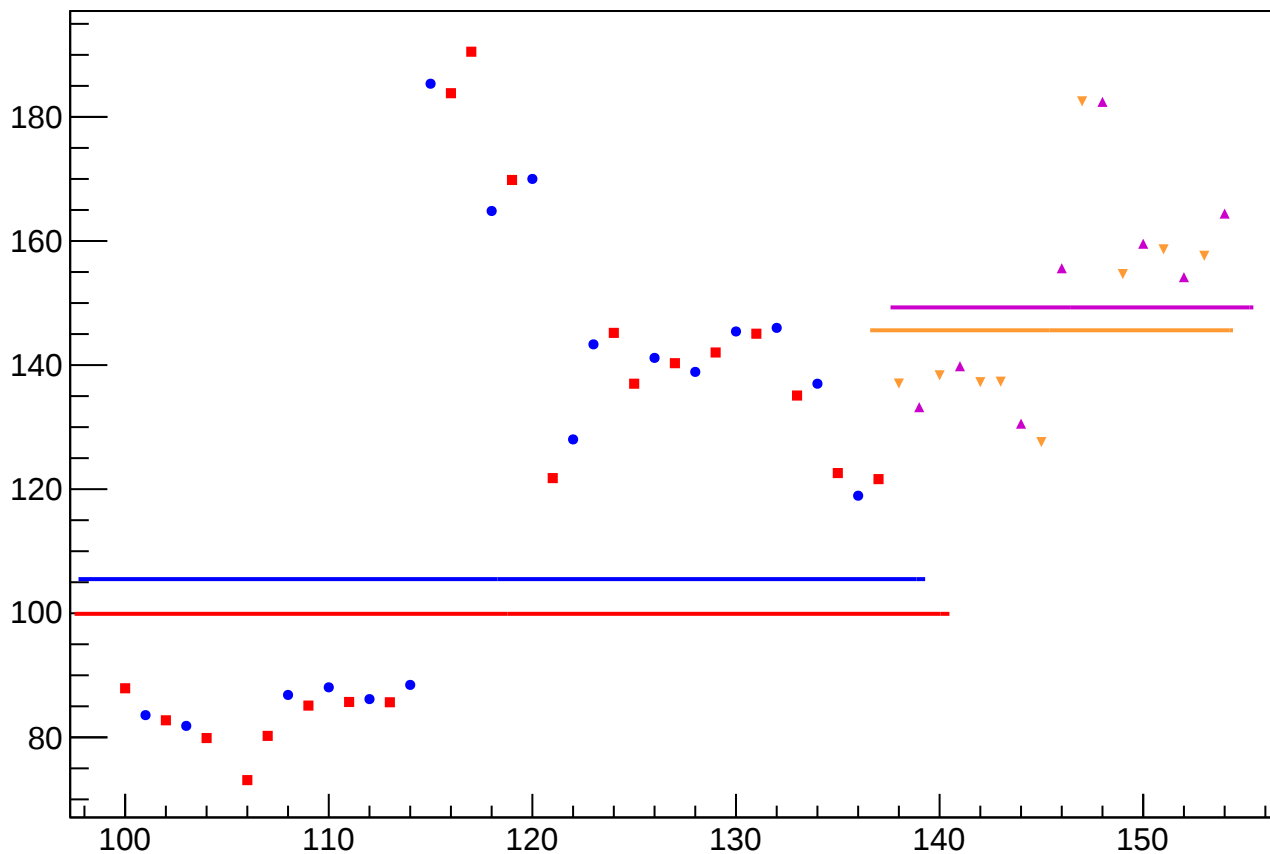
Right Out: -80.462+/-38.950 χ^2/NDF : 19.9/19

Left In: -178.445+/-58.519 χ^2/NDF : 5.5/7

59.730+/-33.985 χ^2/NDF : 28.7/25

-110.543+/-32.424 χ^2/NDF : 27.3/27

reg_asym_sam5_rms vs Slug



Right In: 105.503 $\pm$ 0.030 χ^2 /NDF: 869022.6/16

Left Out: 145.608 $\pm$ 0.040 χ^2 /NDF:138260.5/8

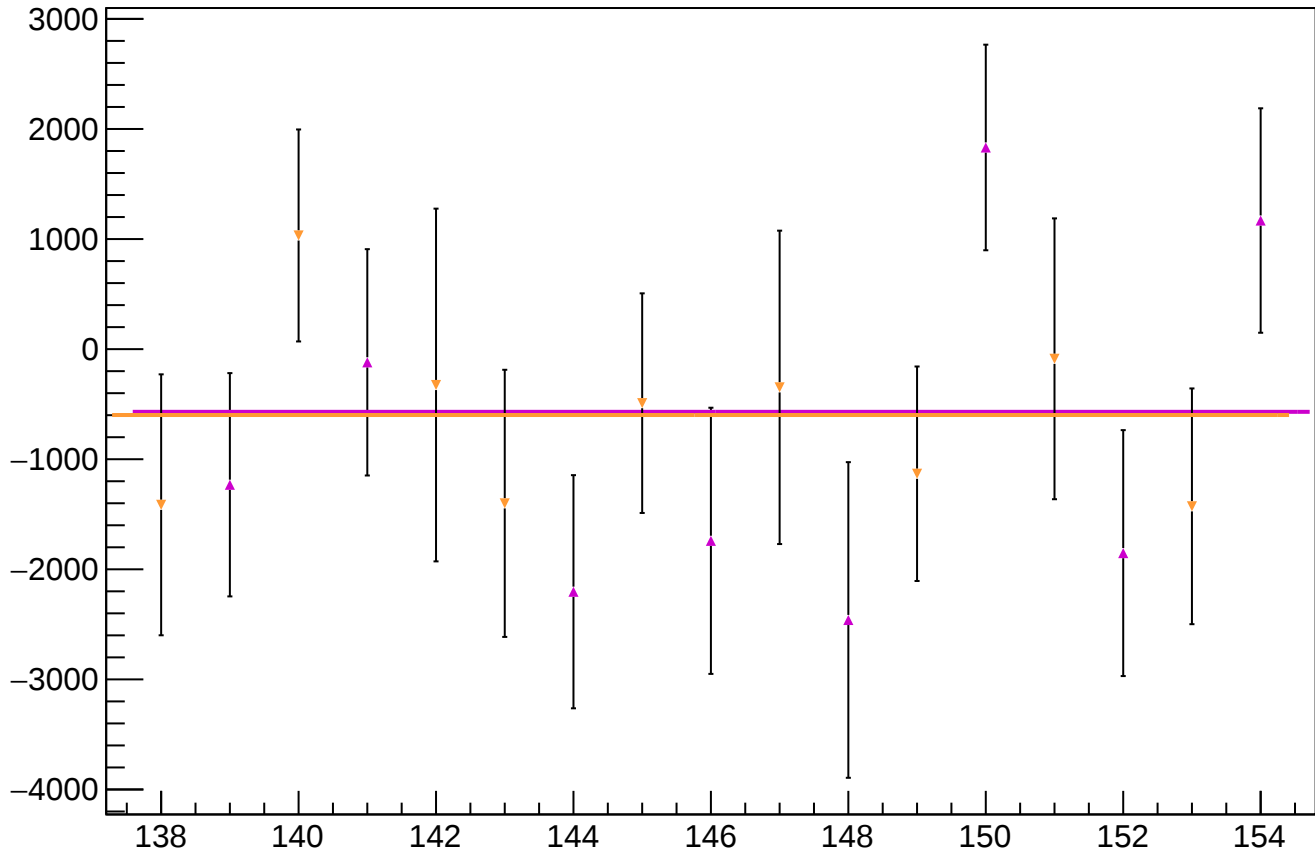
Right Out: 99.907 $\pm$ 0.028 χ^2 /NDF: 1019545.3/19

Left In: 149.297 $\pm$ 0.041 χ^2 /NDF:143305.1/7

119.713 $\pm$ 0.024 χ^2 /NDF: 1644495.0/25

115.070 $\pm$ 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: -598.349+/-380.747 χ^2/NDF : 4.9/8

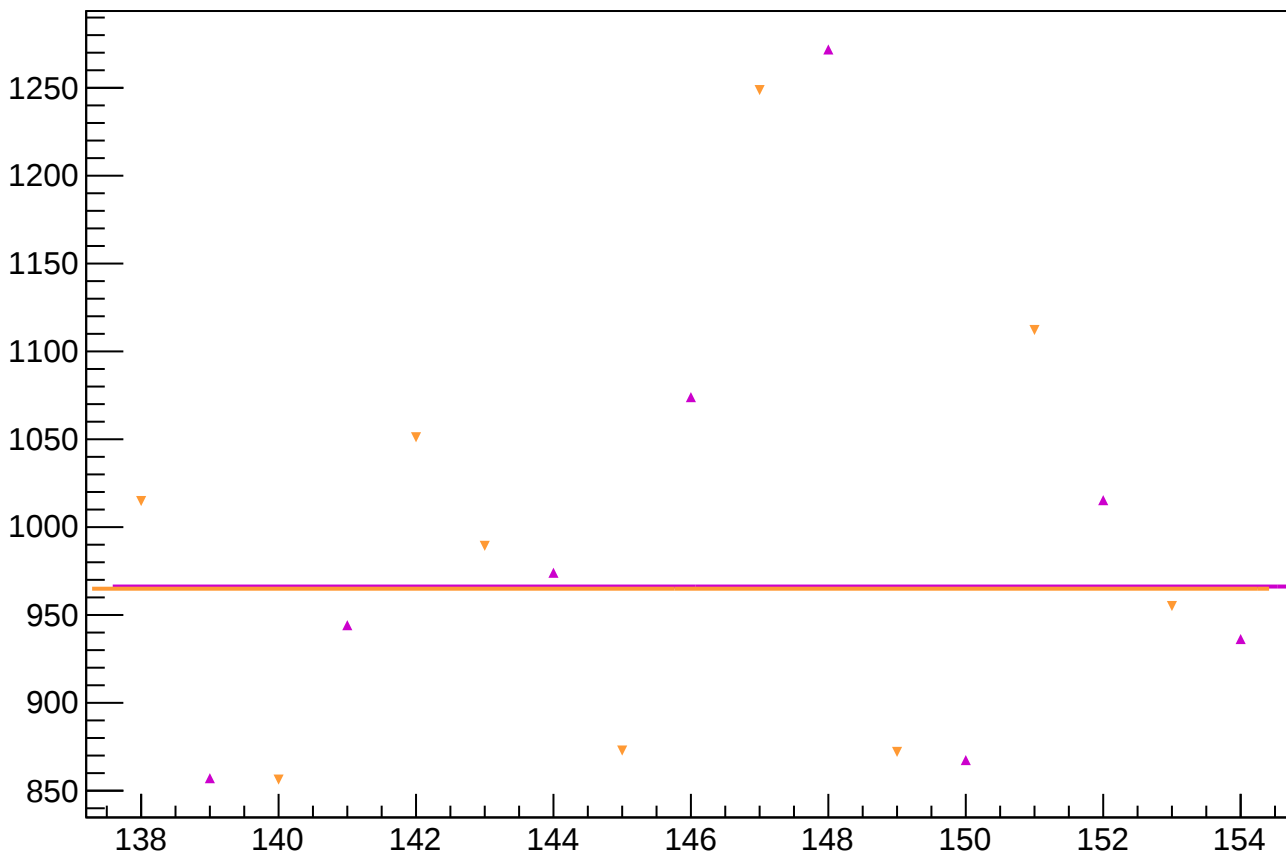
-598.349+/-380.747 χ^2/NDF : 4.9/8

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: 964.956+/-0.269 χ^2/NDF : 177117.1/8

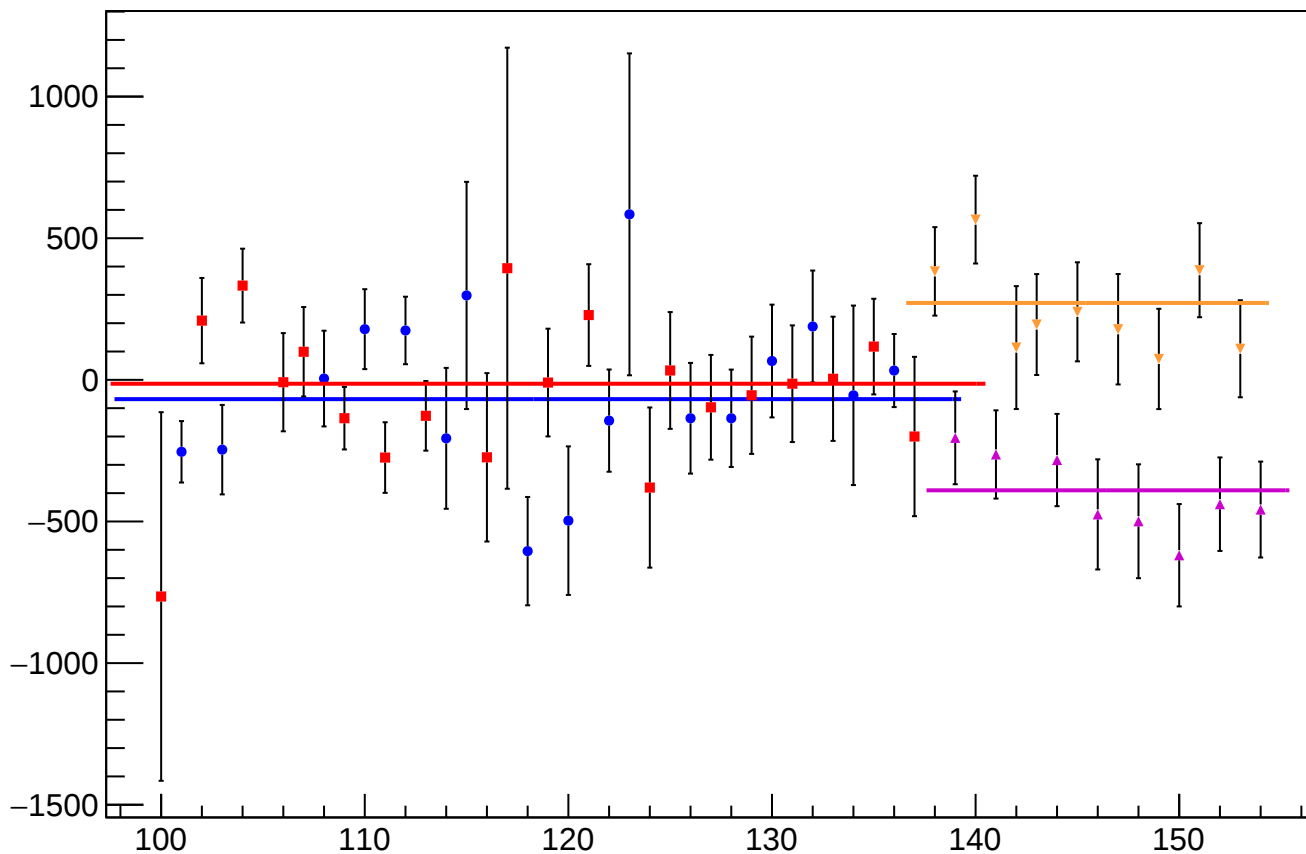
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 966.191+/-0.269 χ^2/NDF : 158920.6/7

964.956+/-0.269 χ^2/NDF : 177117.1/8

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: 271.416 ± 58.056 $\chi^2/\text{NDF}: 7.7/8$

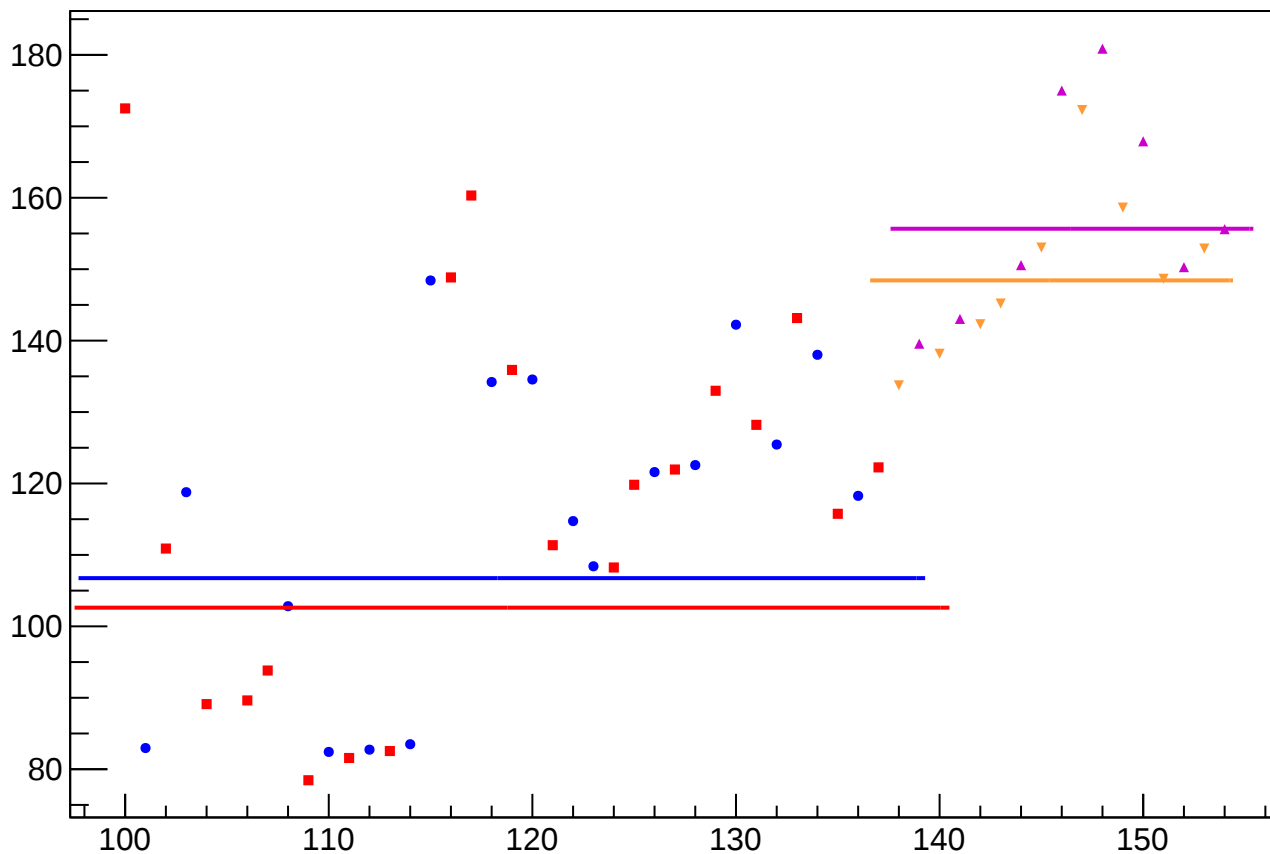
Right Out: -13.752 ± 39.416 $\chi^2/\text{NDF}: 23.4/19$

Left In: -389.972 ± 60.906 $\chi^2/\text{NDF}: 4.7/7$

49.504 ± 34.169 $\chi^2/\text{NDF}: 57.9/25$

-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: 148.433 $\pm$ 0.041 χ^2/NDF : 68043.0/8

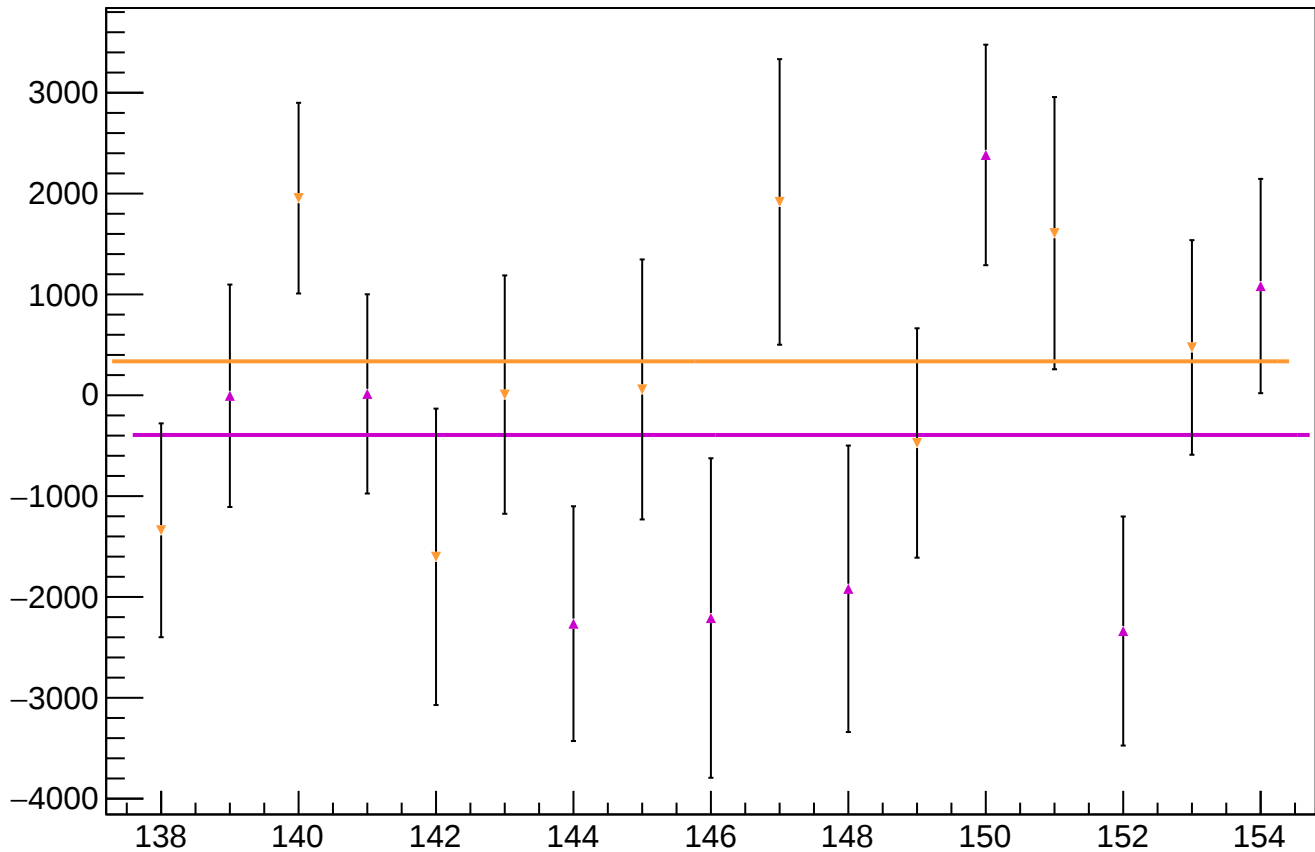
Right Out: 102.615 $\pm$ 0.028 χ^2/NDF : 600357.6/19

Left In: 155.663 $\pm$ 0.043 χ^2/NDF : 96959.1/7

121.189 $\pm$ 0.024 χ^2/NDF : 1243662.3/25

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: 336.576+/-392.459 χ^2/NDF : 9.9/8

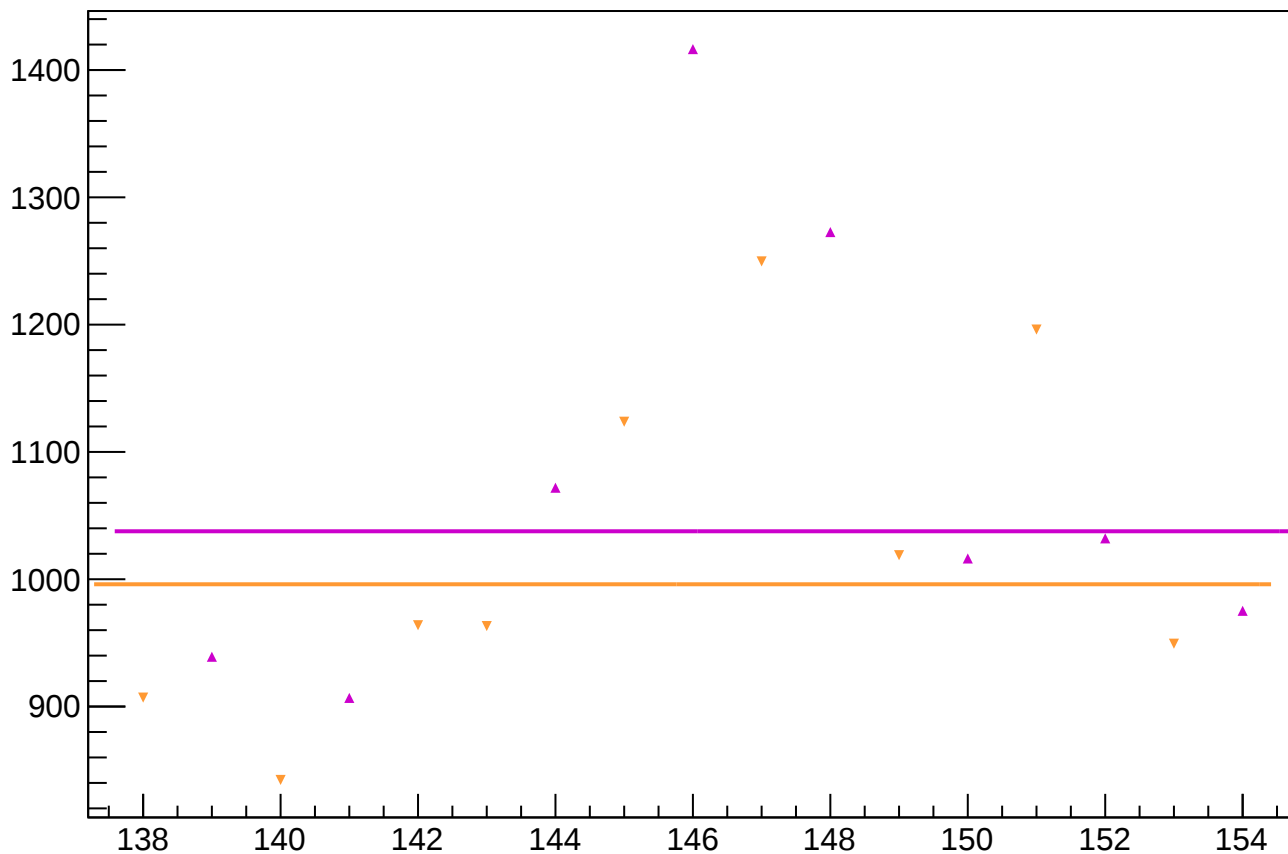
336.576+/-392.459 χ^2/NDF : 9.9/8

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: 996.046+/-0.278 χ^2/NDF : 201854.2/8

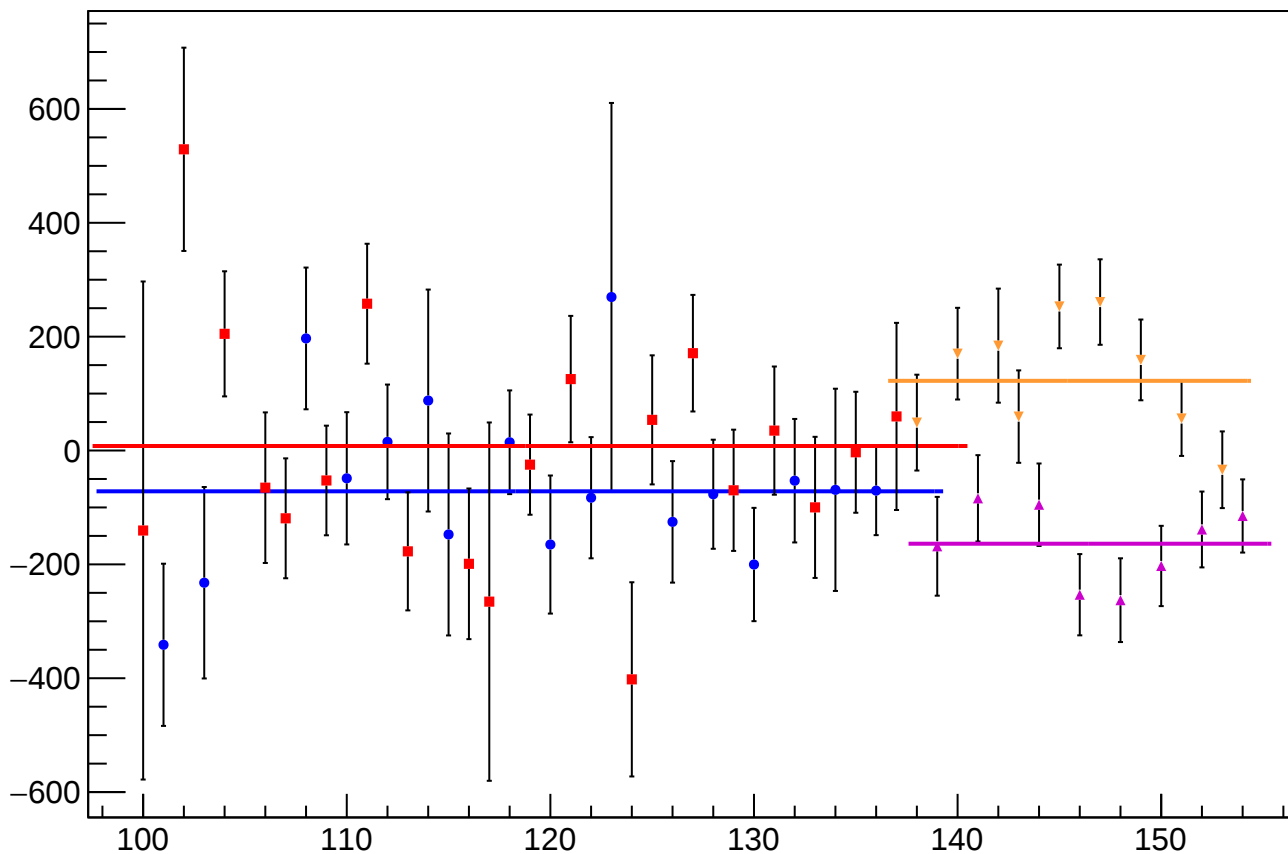
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1037.678+/-0.289 χ^2/NDF : 229599.5/7

996.046+/-0.278 χ^2/NDF : 201854.2/8

1037.678+/-0.289 χ^2/NDF : 229599.5/7

reg_asym_sam7_mean vs Slug



Right In: -71.669 ± 28.358 χ^2/NDF : 15.2/16

Left Out: 122.399 ± 25.320 χ^2/NDF : 15.3/8

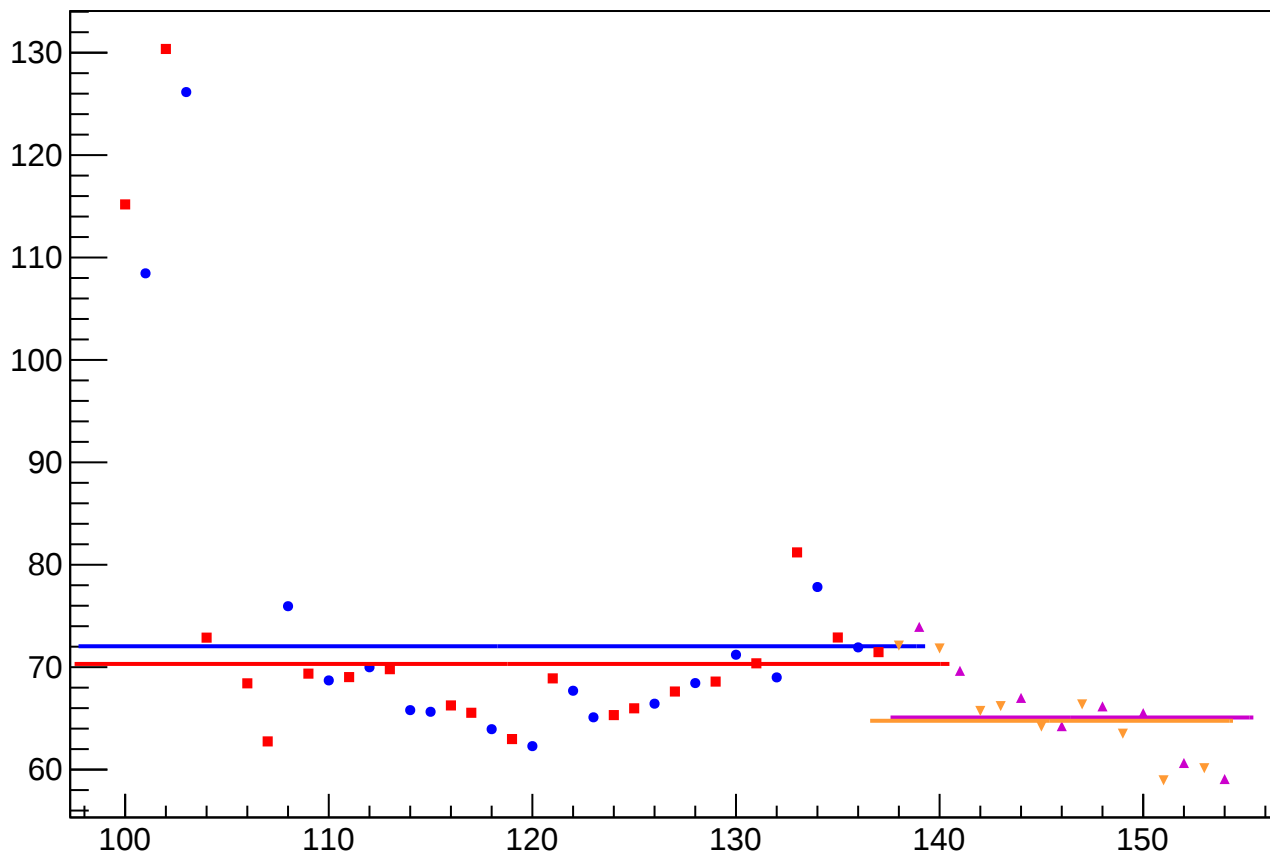
Right Out: 7.933 ± 26.719 χ^2/NDF : 37.2/19

Left In: -163.726 ± 25.424 χ^2/NDF : 6.4/7

36.314 ± 18.887 χ^2/NDF : 56.6/25

-82.157 ± 18.419 χ^2/NDF : 65.3/27

reg_asym_sam7_rms vs Slug



Right In: 72.042 ± 0.020 χ^2/NDF : 391971.7/16

Left Out: 64.767 ± 0.018 χ^2/NDF : 58125.9/8

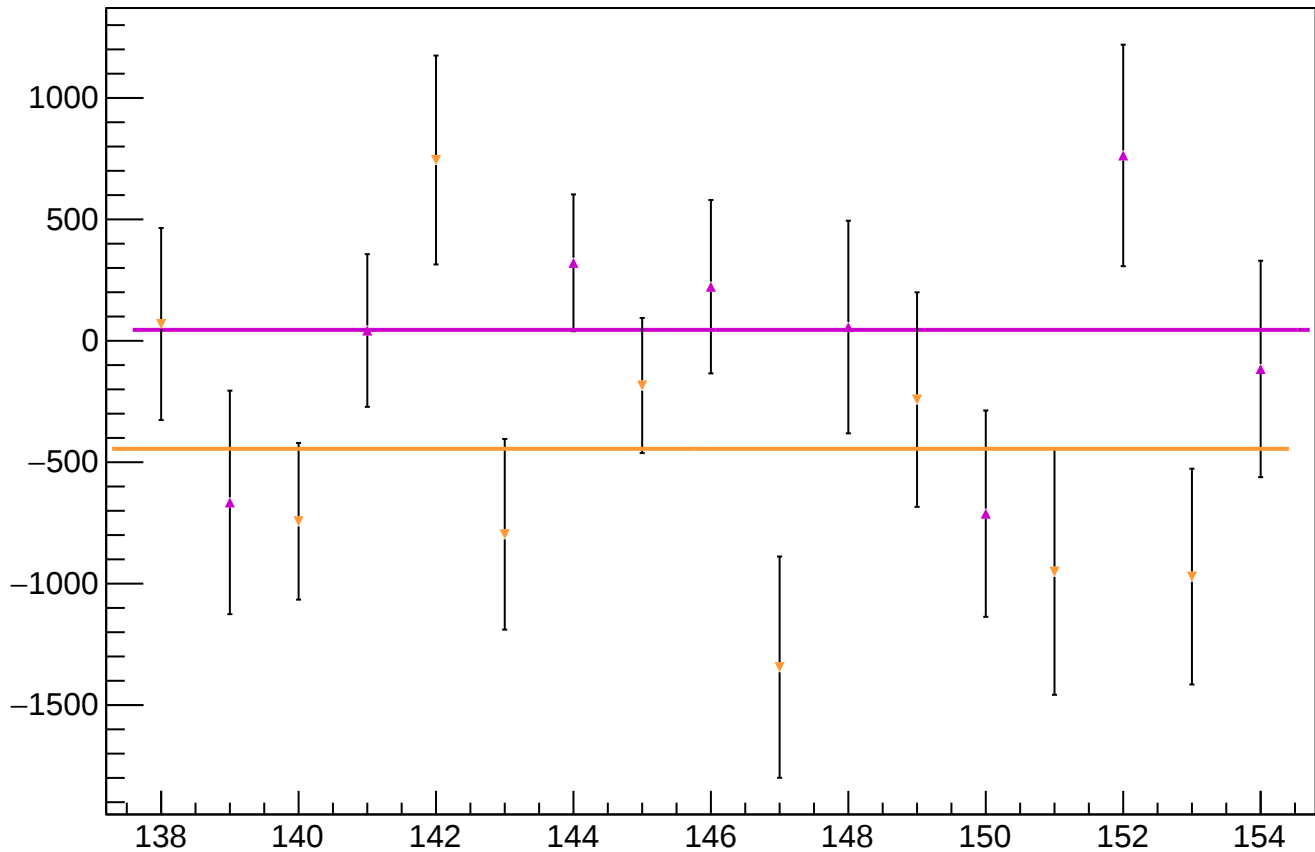
Right Out: 70.316 ± 0.019 χ^2/NDF : 299468.0/19

Left In: 65.086 ± 0.018 χ^2/NDF : 56582.0/7

67.994 ± 0.013 χ^2/NDF : 523349.7/25

67.572 ± 0.013 χ^2/NDF : 396264.0/27

asym_sam7_correction_mean vs Slug



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

Left Out: -444.713 $\pm$ 129.401 χ^2 /NDF: 18.4/8

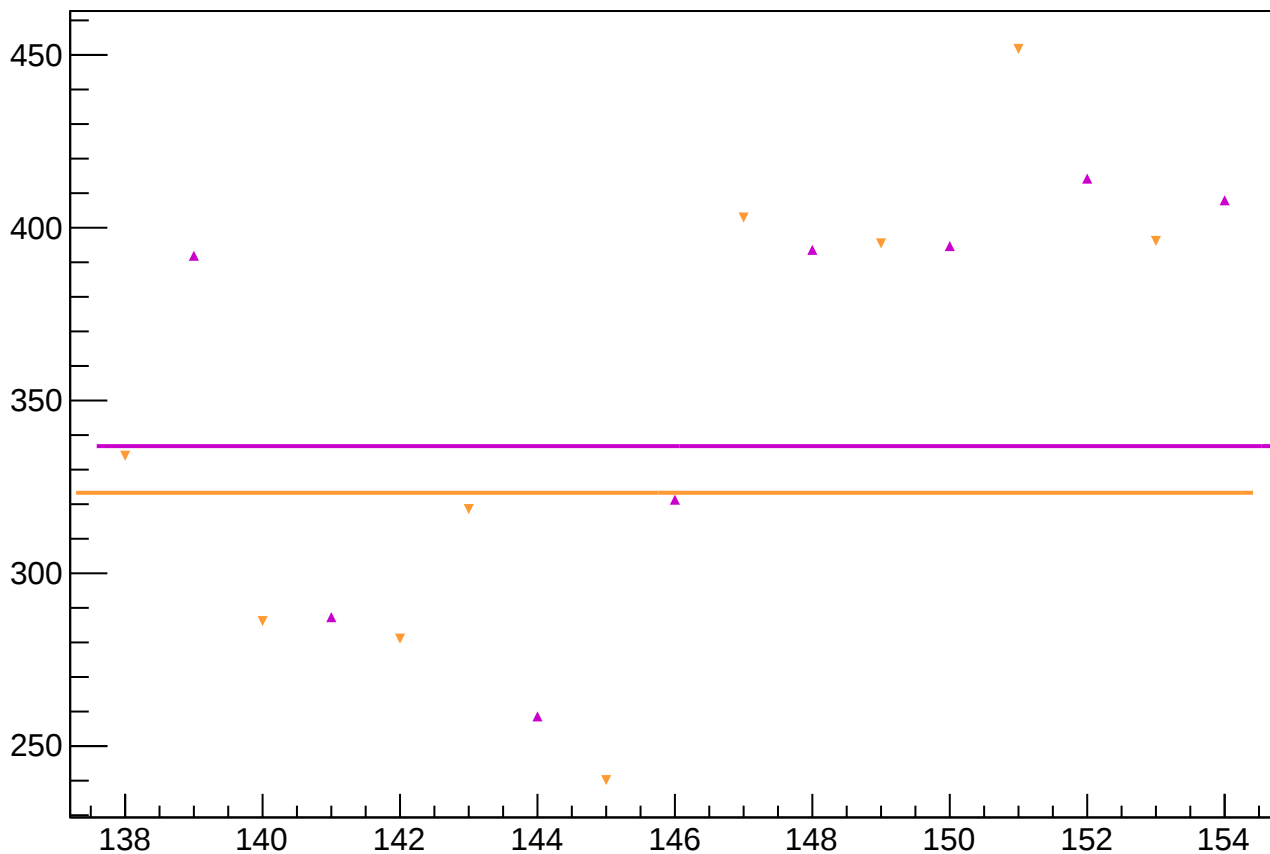
-444.713 $\pm$ 129.401 χ^2 /NDF: 18.4/8

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

45.108 $\pm$ 133.766 χ^2 /NDF: 9.4/7

Left In: 45.108 $\pm$ 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: 323.309+/-0.092 χ^2/NDF : 522850.6/8

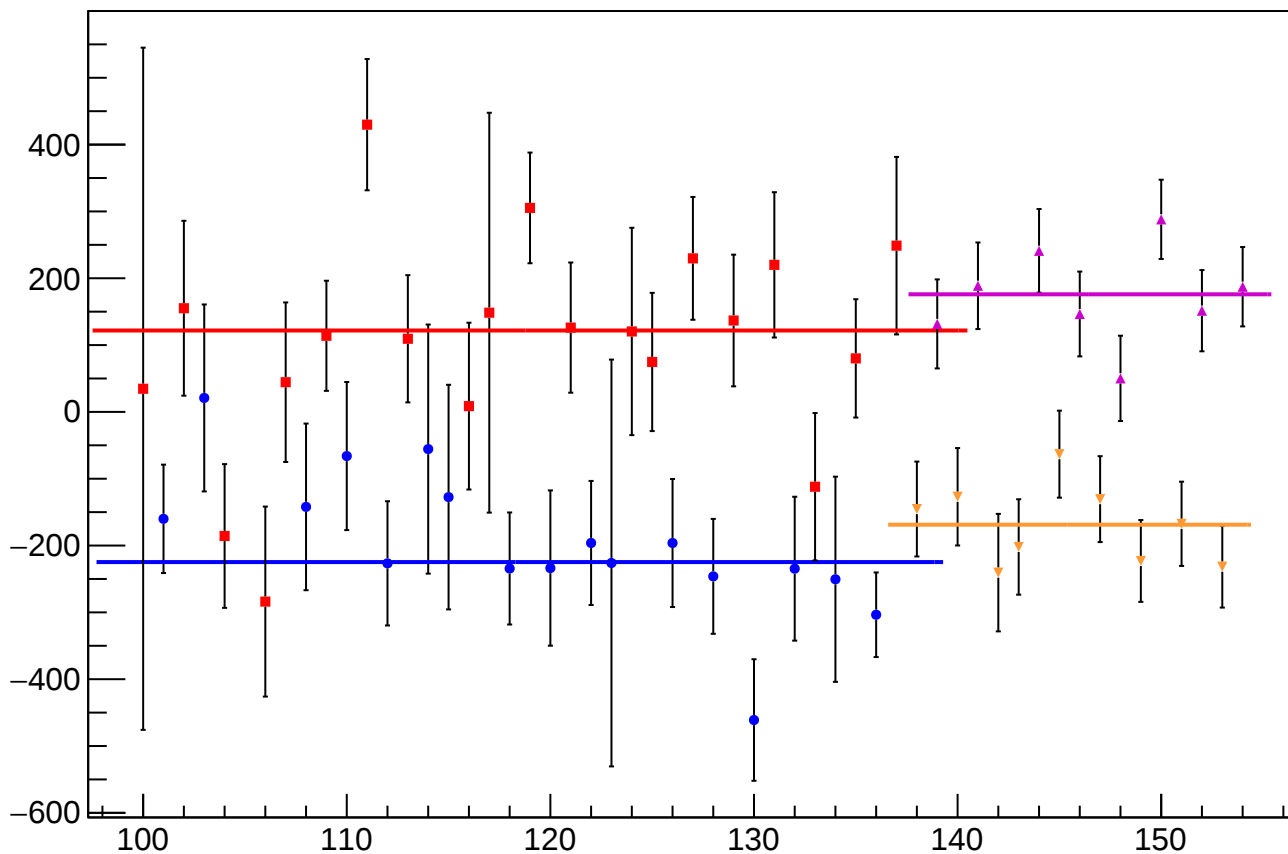
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 336.806+/-0.095 χ^2/NDF : 415529.2/7

323.309+/-0.092 χ^2/NDF : 522850.6/8

336.806+/-0.095 χ^2/NDF : 415529.2/7

reg_asym_sam8_mean vs Slug



Right In: -224.727 ± 24.880 χ^2/NDF : 16.0/16

Left Out: -168.796 ± 22.501 χ^2/NDF : 6.1/8

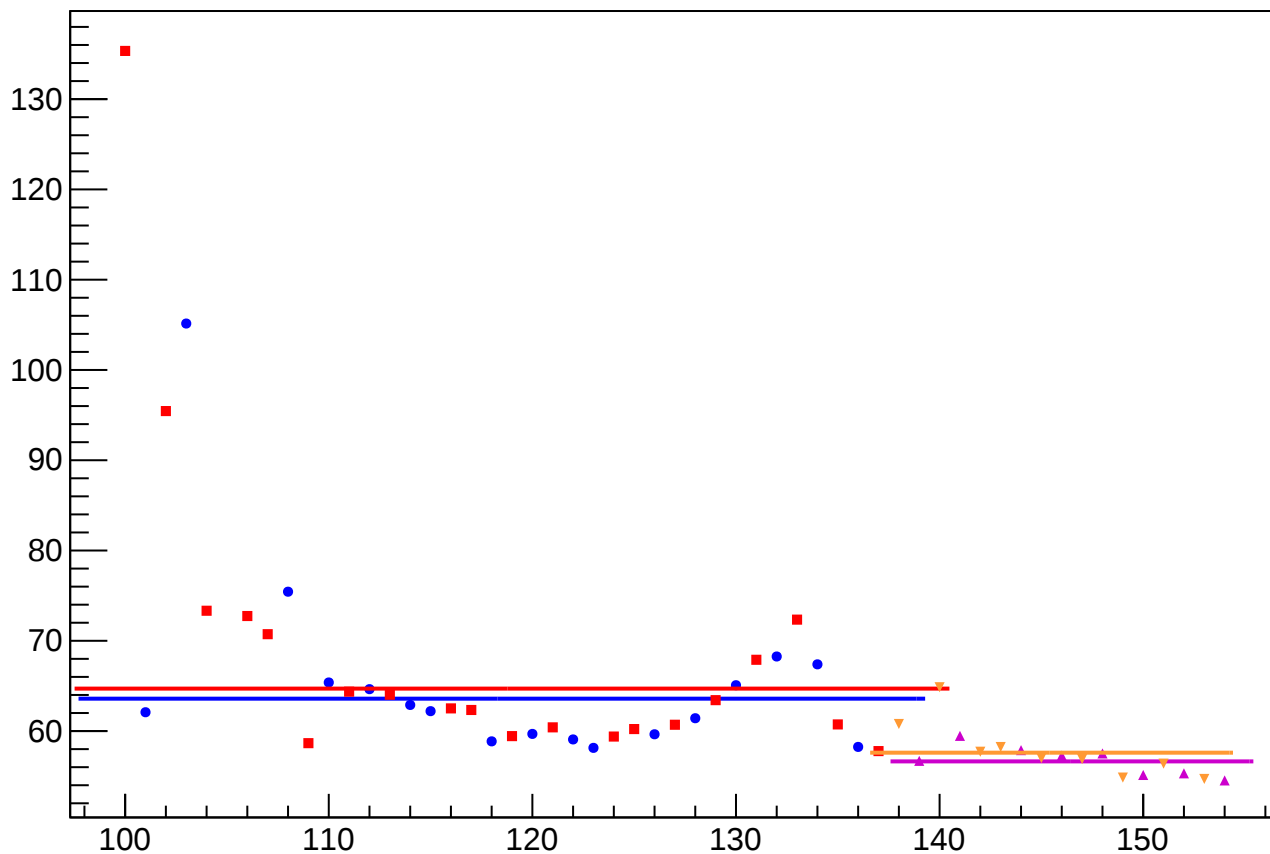
Right Out: 121.814 ± 24.516 χ^2/NDF : 40.5/19

Left In: 175.967 ± 22.079 χ^2/NDF : 9.4/7

-193.960 ± 16.689 χ^2/NDF : 24.9/25

151.715 ± 16.407 χ^2/NDF : 52.6/27

reg_asym_sam8_rms vs Slug



Right In: 63.589 ± 0.018 χ^2/NDF : 234601.0/16

Left Out: 57.607 ± 0.016 χ^2/NDF : 33667.2/8

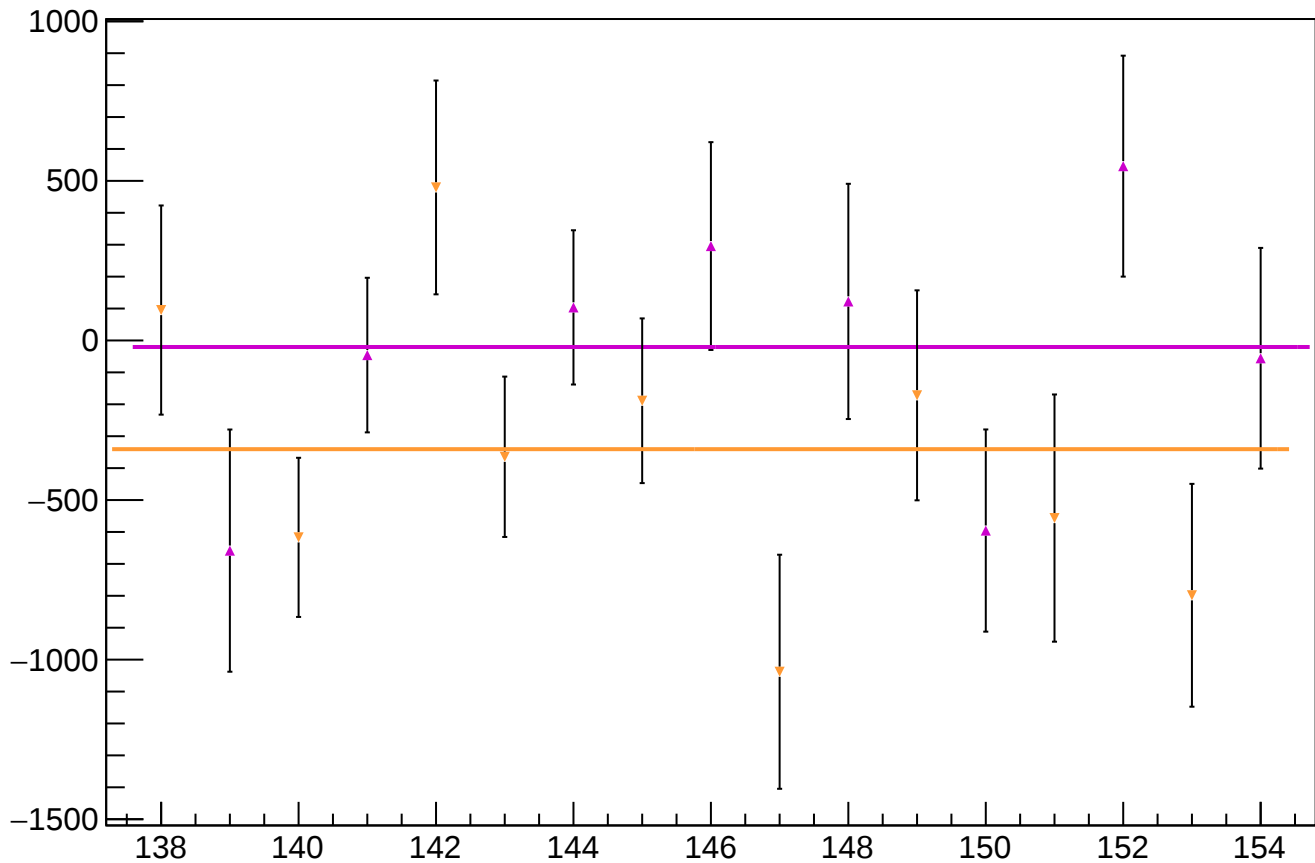
Right Out: 64.704 ± 0.017 χ^2/NDF : 227632.6/19

Left In: 56.641 ± 0.016 χ^2/NDF : 9946.7/7

60.298 ± 0.012 χ^2/NDF : 331870.7/25

60.252 ± 0.012 χ^2/NDF : 357034.4/27

asym_sam8_correction_mean vs Slug



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

Left Out: -340.605+/-101.676 χ^2/NDF : 15.3/8

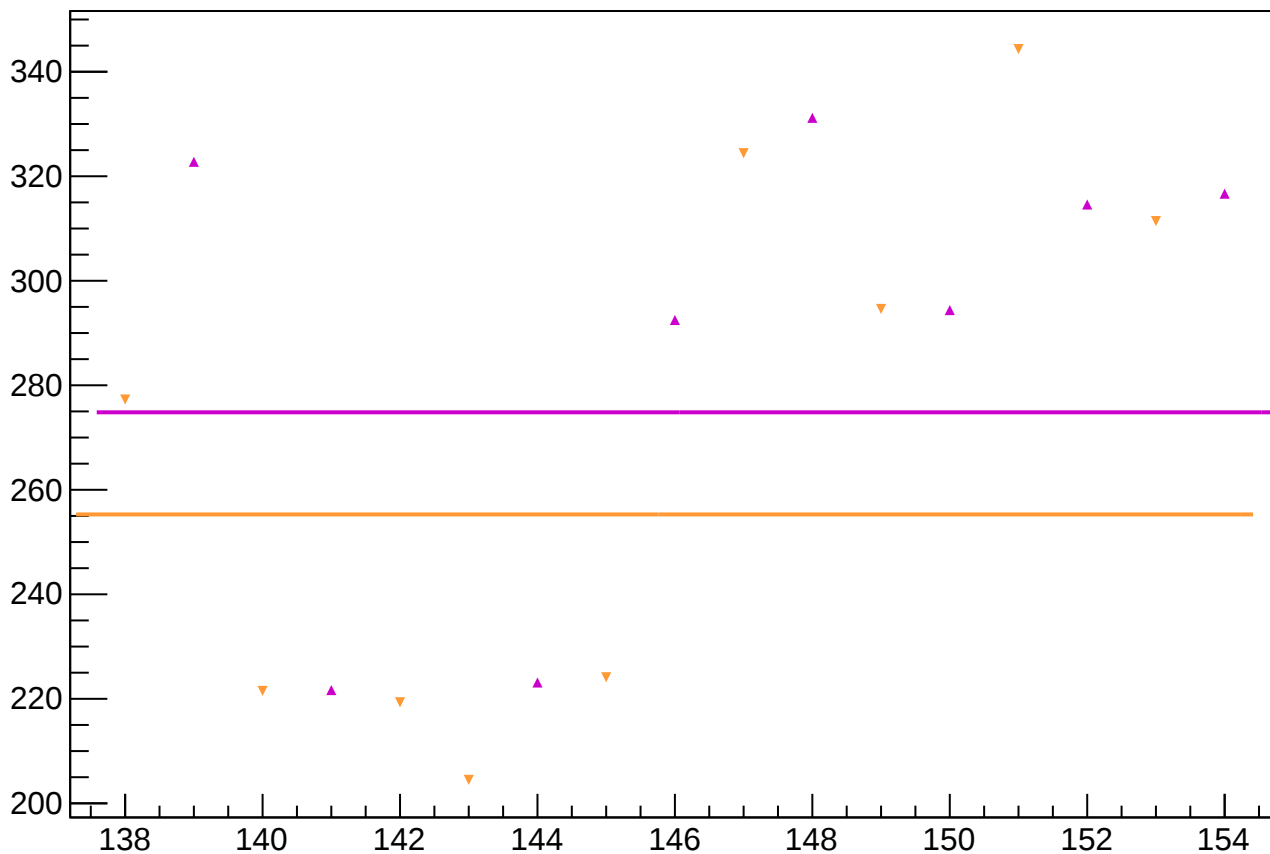
-340.605+/-101.676 χ^2/NDF : 15.3/8

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: 255.286+/-0.072 χ^2/NDF : 436782.1/8

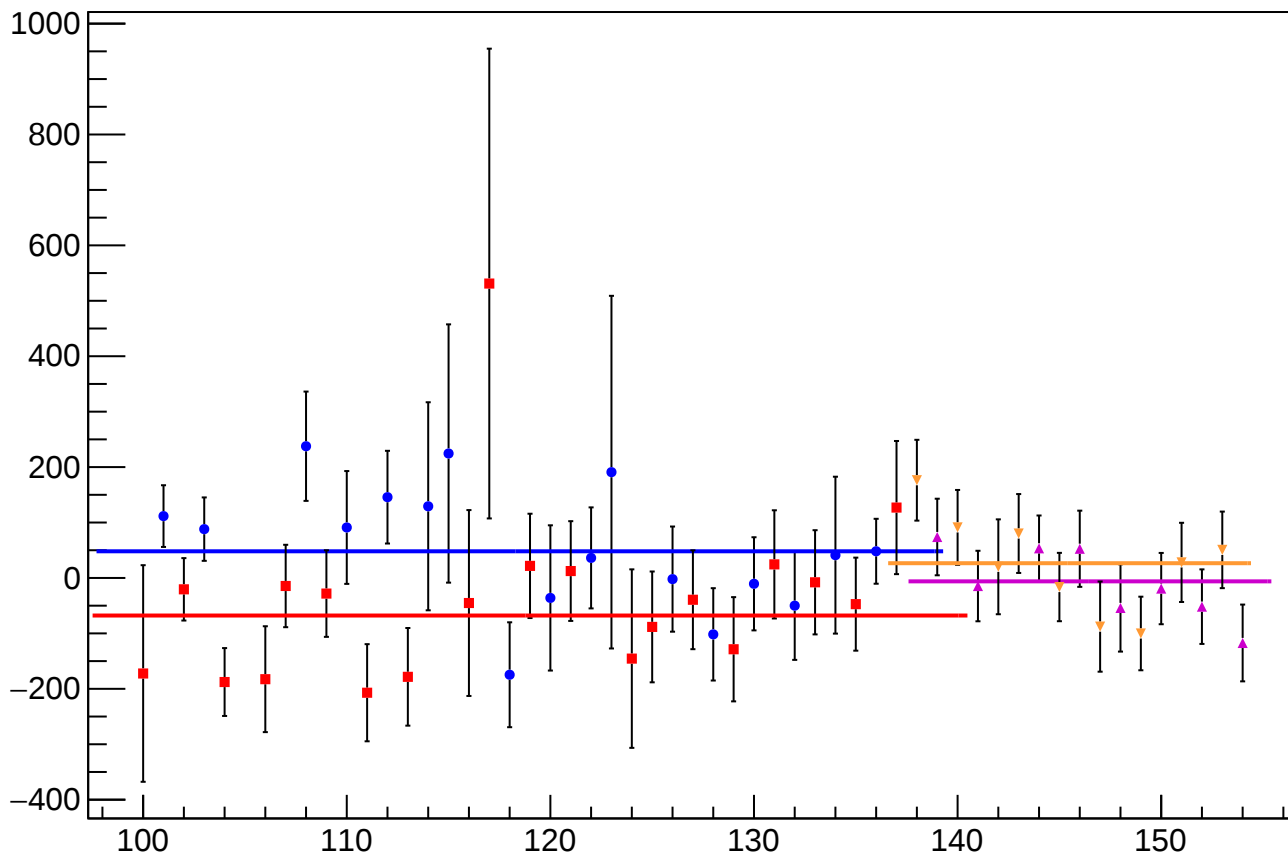
255.286+/-0.072 χ^2/NDF : 436782.1/8

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 $\pm$ 21.510 χ^2 /NDF: 19.0/16

Left Out: 26.615 $\pm$ 23.645 χ^2 /NDF: 11.9/8

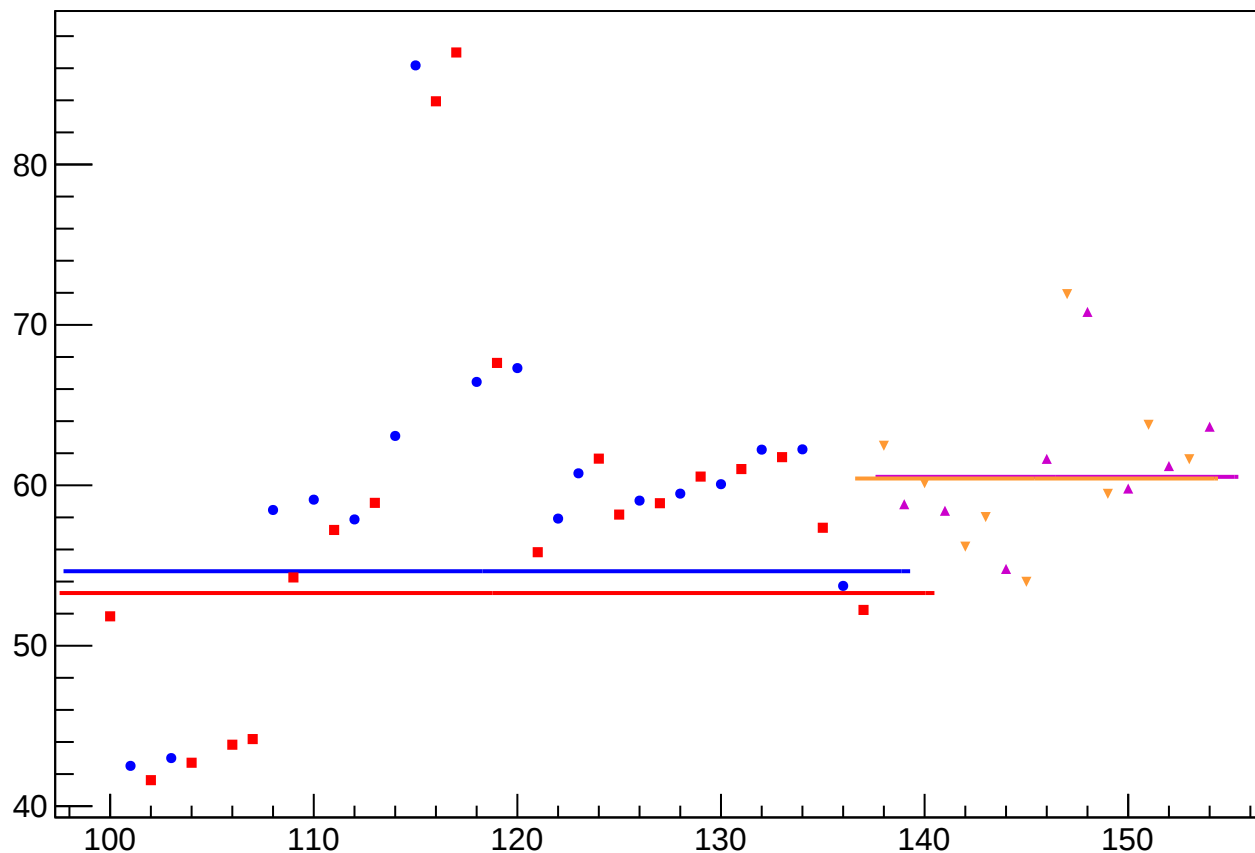
Right Out: -67.767 $\pm$ 20.383 χ^2 /NDF: 19.7/19

Left In: -6.129 $\pm$ 23.659 χ^2 /NDF: 6.6/7

38.376 $\pm$ 15.911 χ^2 /NDF: 31.4/25

-41.507 $\pm$ 15.442 χ^2 /NDF: 30.1/27

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.645+/-0.015 χ^2/NDF : 319300.2/16

Left Out: 60.424+/-0.017 χ^2/NDF : 75985.3/8

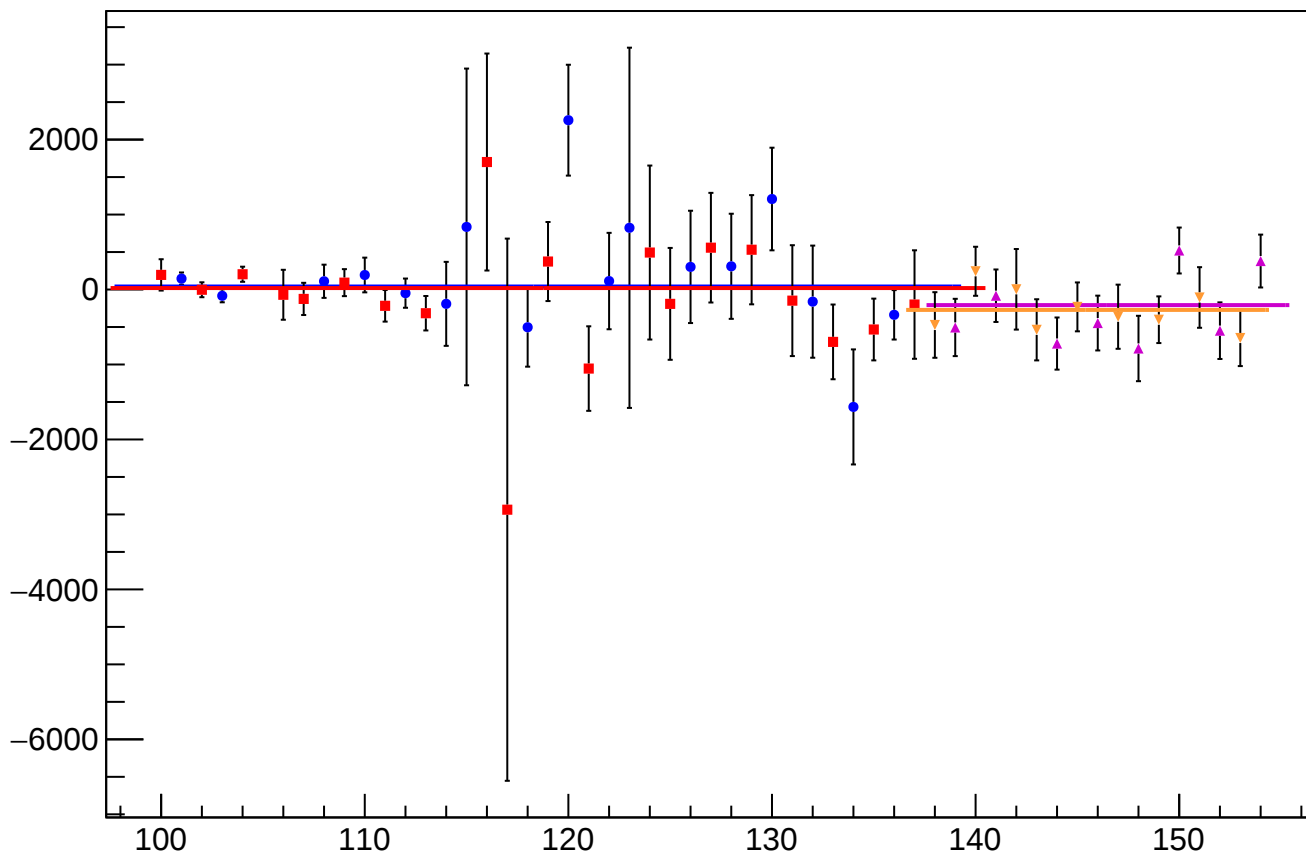
Right Out: 53.285+/-0.014 χ^2/NDF : 398973.0/19

Left In: 60.529+/-0.017 χ^2/NDF : 61384.9/7

57.262+/-0.011 χ^2/NDF : 460662.2/25

56.371+/-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: -271.834 $\pm$ 126.517 χ^2 /NDF: 4.8/8

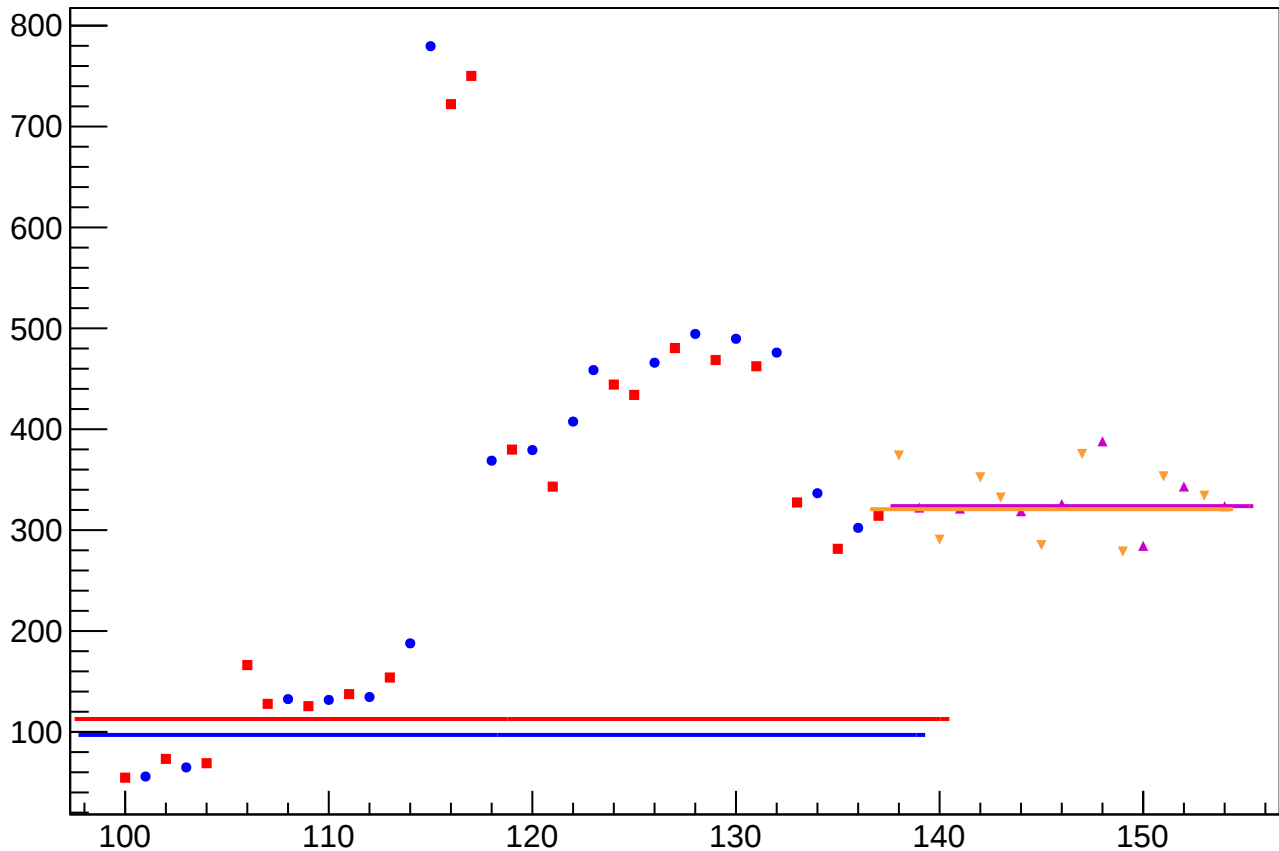
Right Out: 19.590 $\pm$ 53.268 χ^2 /NDF: 19.6/19

Left In: -207.733 $\pm$ 127.263 χ^2 /NDF: 14.4/7

-4.211 $\pm$ 47.733 χ^2 /NDF: 33.9/25

-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: 320.754+/-0.089 χ^2/NDF : 163687.5/8

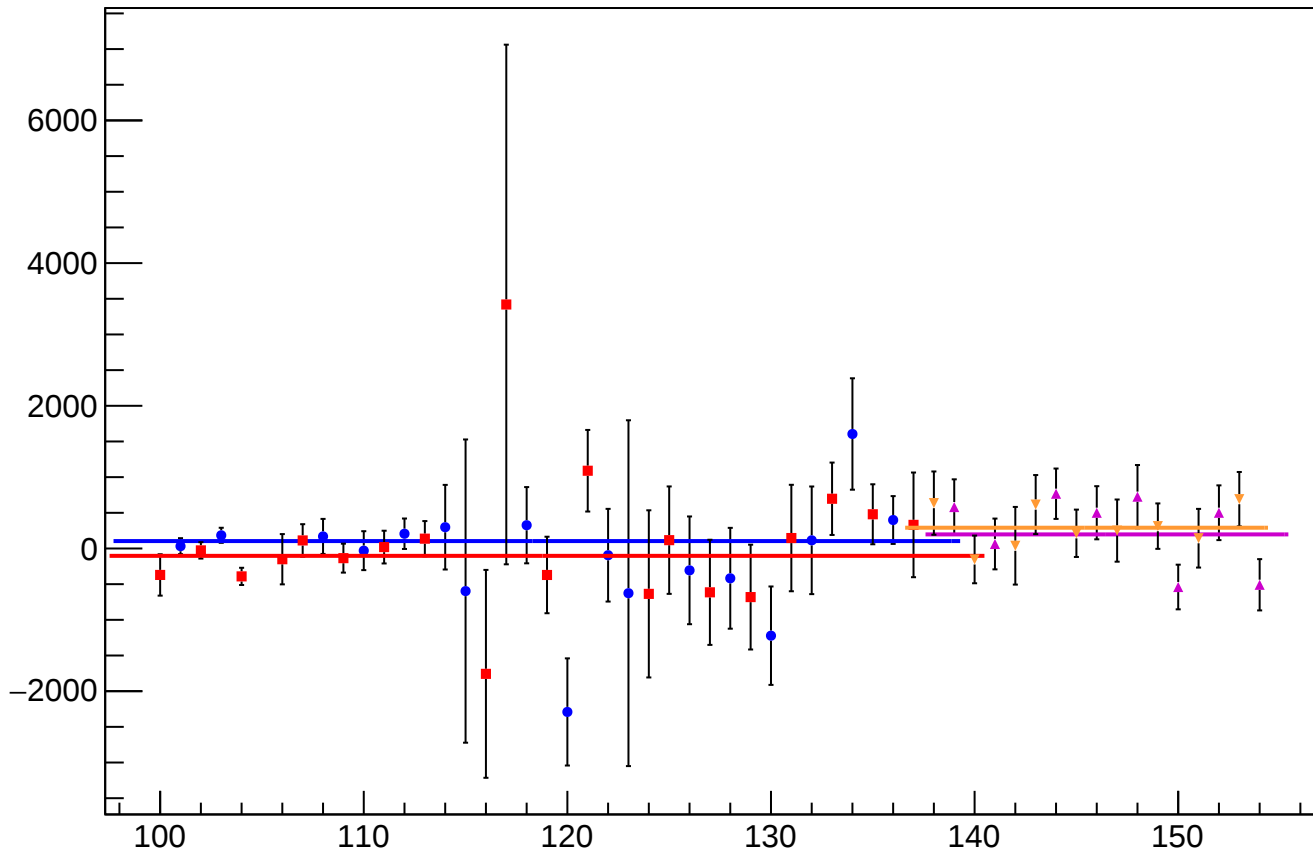
128.884+/-0.034 χ^2/NDF : 11346771.2/25

Right Out: 112.792+/-0.038 χ^2/NDF : 5098459.2/19

144.245+/-0.035 χ^2/NDF : 9858254.5/27

Left In: 323.775+/-0.090 χ^2/NDF : 82333.3/7

asym_sam_15_avg_mean vs Slug



Right In: 104.001 $\pm$ 63.156 χ^2 /NDF: 21.3/16

Left Out: 291.098 $\pm$ 128.830 χ^2 /NDF: 4.5/8

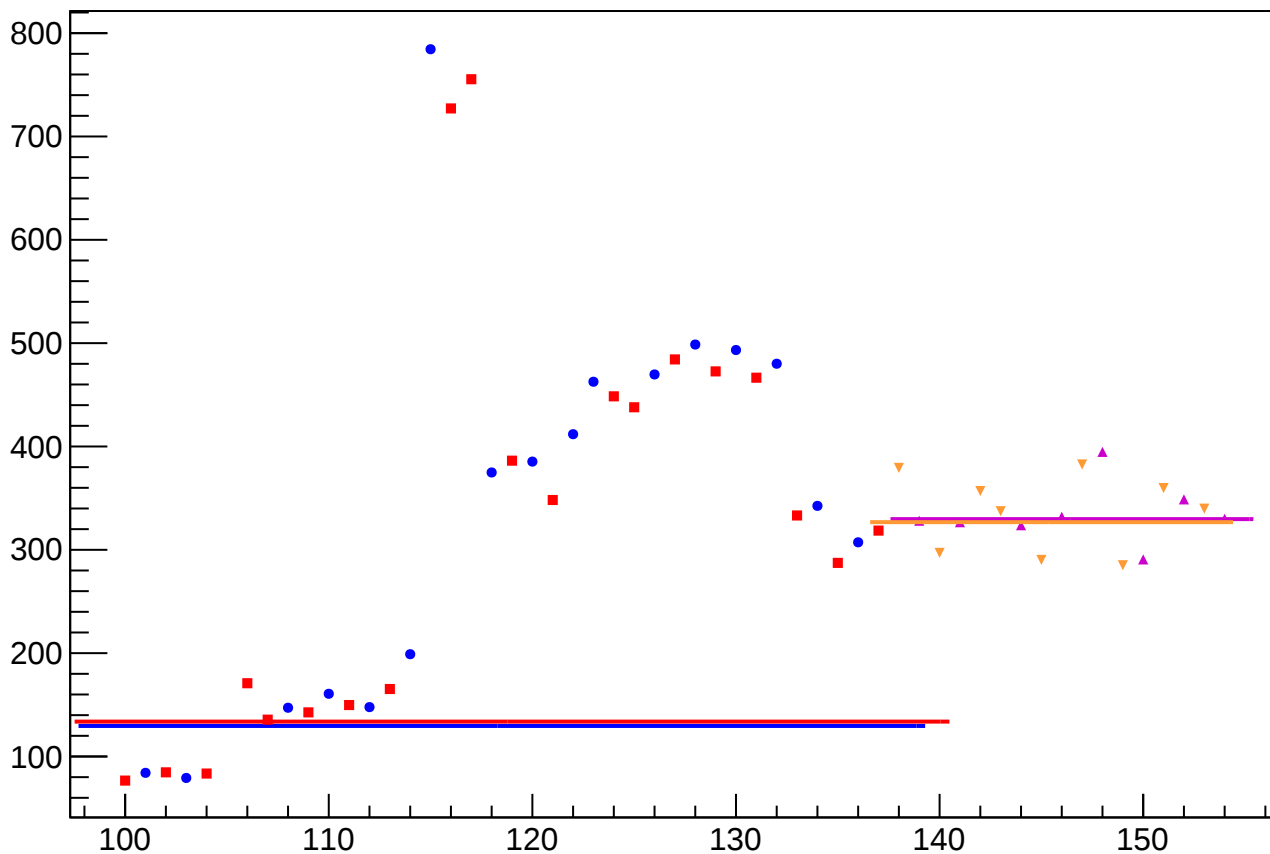
Right Out: -103.156 $\pm$ 60.849 χ^2 /NDF: 22.3/19

Left In: 197.493 $\pm$ 129.547 χ^2 /NDF: 15.8/7

140.253 $\pm$ 56.709 χ^2 /NDF: 27.5/25

-48.815 $\pm$ 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

Left Out: 326.781 $\pm$ 0.091 χ^2 /NDF:157869.1/8

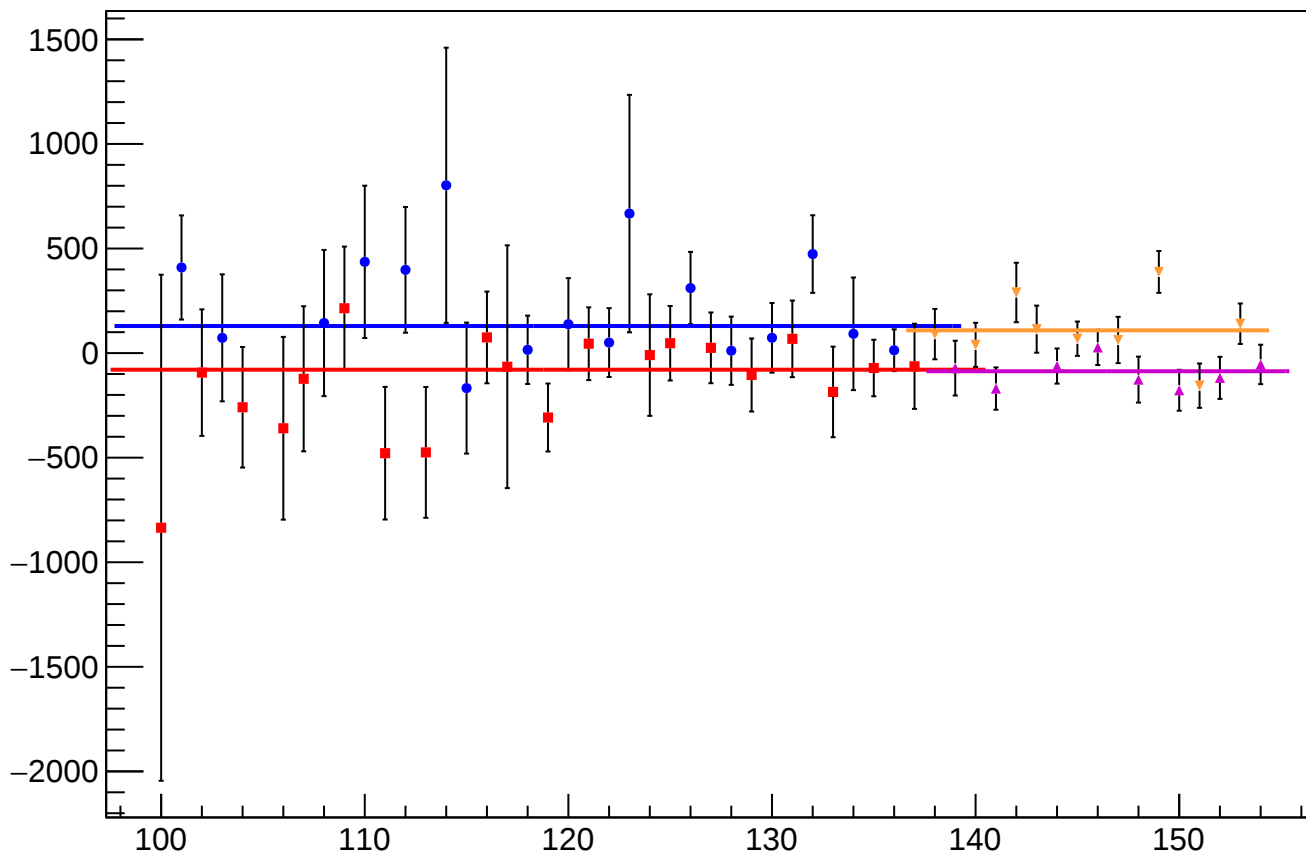
167.767 $\pm$ 0.040 χ^2 /NDF: 8709558.0/25

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: 108.743 $\pm$ 35.075 χ^2 /NDF: 16.6/8

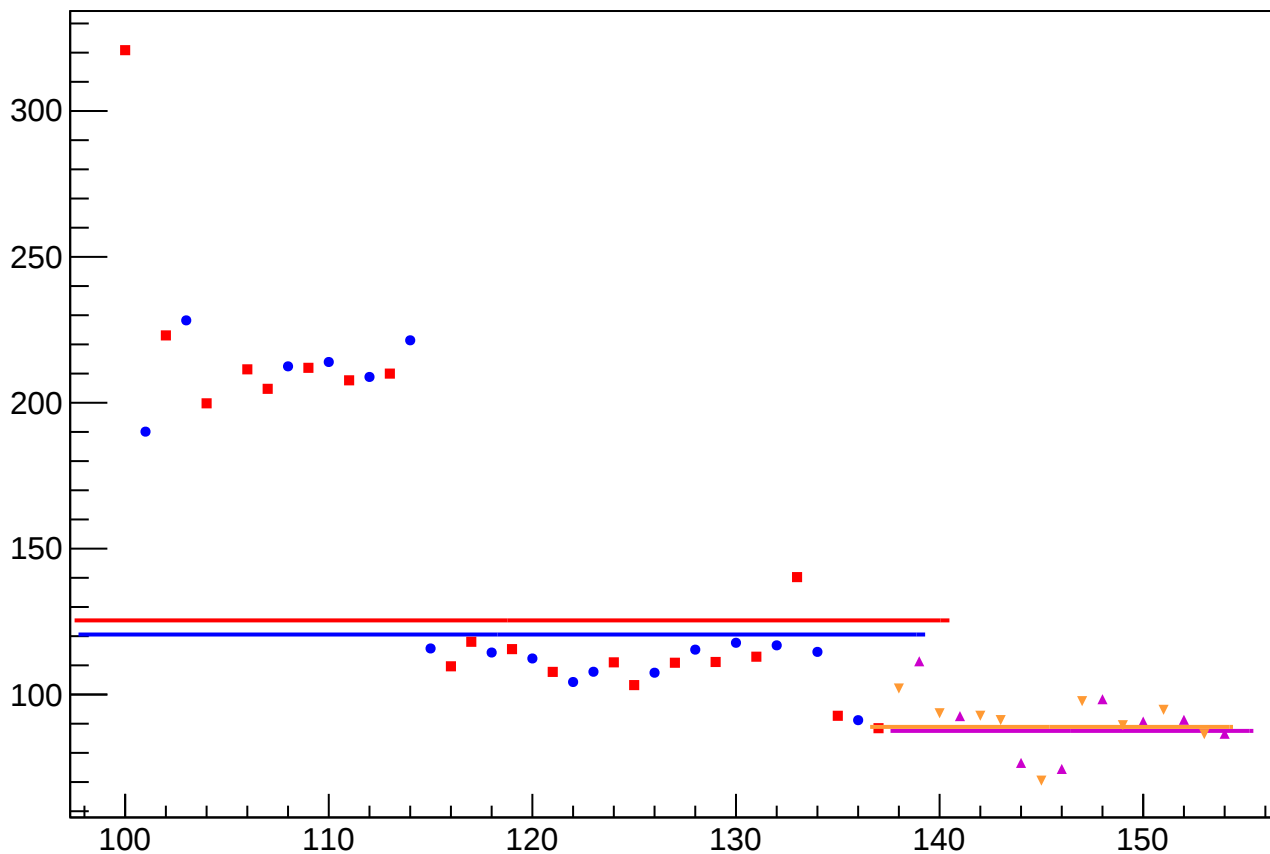
Right Out: -79.378 $\pm$ 49.703 χ^2 /NDF: 10.2/19

Left In: -86.692 $\pm$ 34.572 χ^2 /NDF: 3.8/7

115.718 $\pm$ 28.545 χ^2 /NDF: 29.6/25

-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: 88.901 $\pm$ 0.025 χ^2 /NDF:151029.4/8

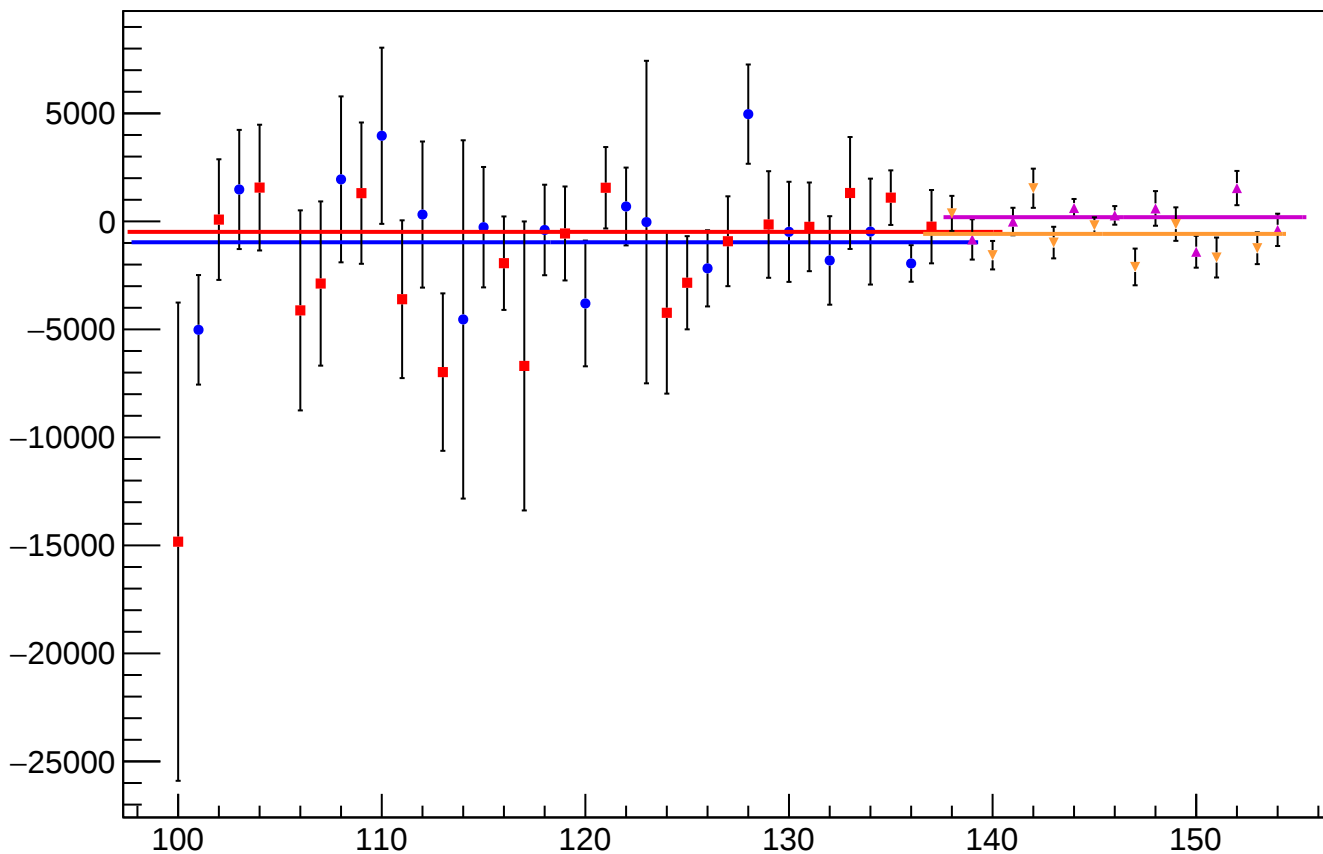
99.594 $\pm$ 0.020 χ^2 /NDF: 1813517.0/25

Right Out: 125.404 $\pm$ 0.035 χ^2 /NDF: 1334075.7/19

99.881 $\pm$ 0.020 χ^2 /NDF: 2294697.5/27

Left In: 87.532 $\pm$ 0.024 χ^2 /NDF:178030.3/7

asym_sam_26_avg_correction_mean vs Slug



Right In: -966.587 ± 512.340 χ^2/NDF : 16.4/16

Left Out: -579.192 ± 222.358 χ^2/NDF : 16.3/8

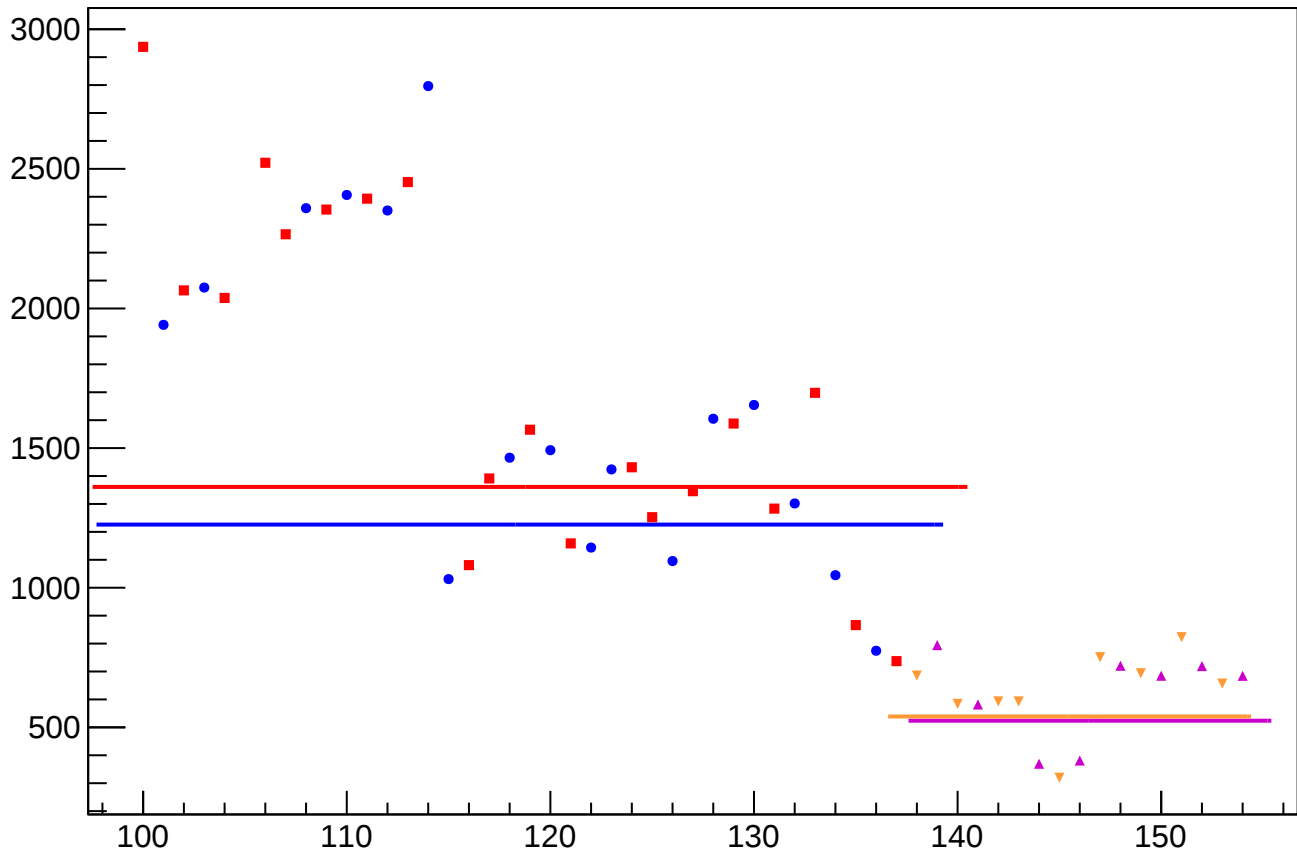
Right Out: -485.654 ± 543.567 χ^2/NDF : 14.3/19

Left In: 194.730 ± 215.562 χ^2/NDF : 10.9/7

-640.596 ± 203.976 χ^2/NDF : 33.1/25

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: 538.903+/-0.157 χ^2/NDF :1235630.0/8

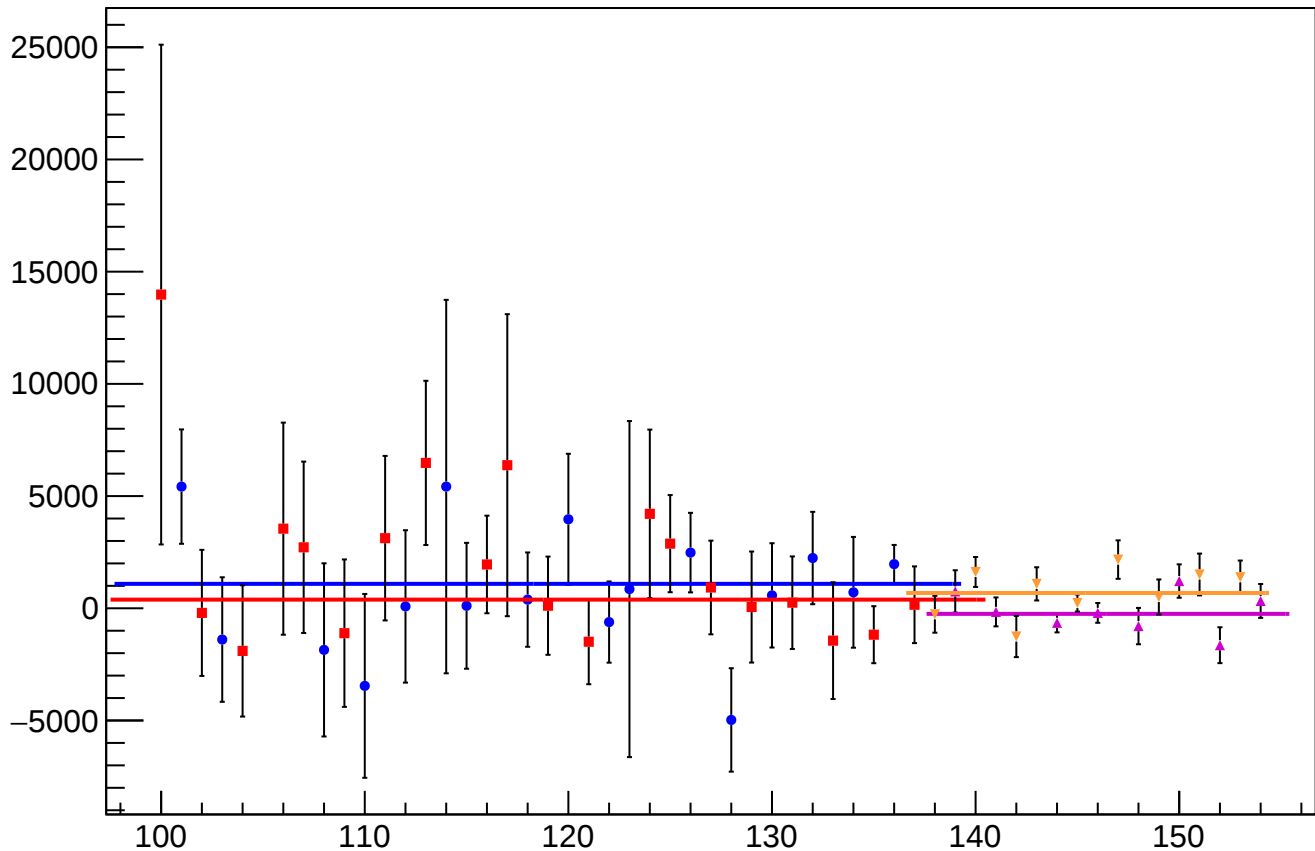
647.832+/-0.144 χ^2/NDF : 6020062.5/25

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: 682.300 ± 225.910 χ^2/NDF : 14.2/8

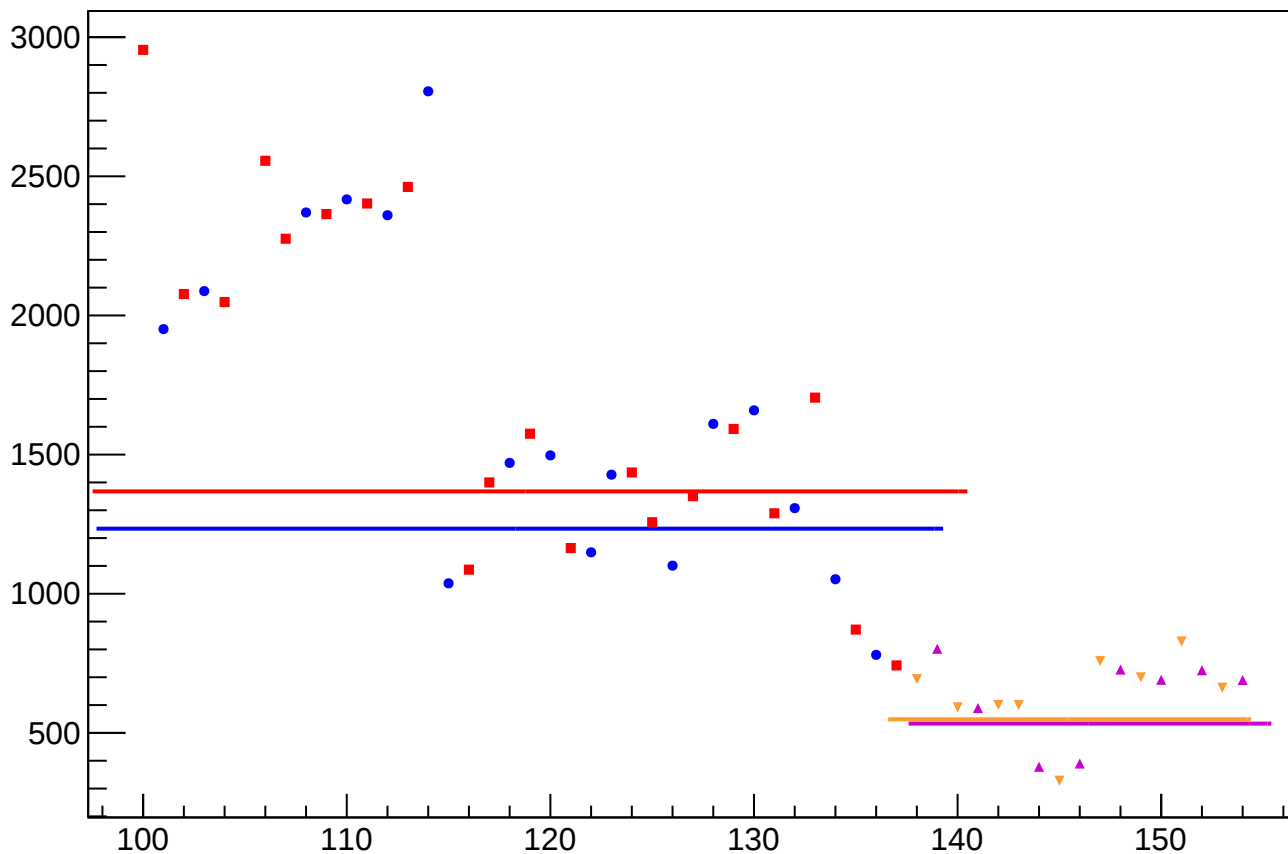
Right Out: 385.391 ± 546.382 χ^2/NDF : 13.3/19

Left In: -248.951 ± 219.066 χ^2/NDF : 10.0/7

747.882 ± 206.898 χ^2/NDF : 31.6/25

-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: 548.903+/-0.160 χ^2/NDF :1177806.1/8

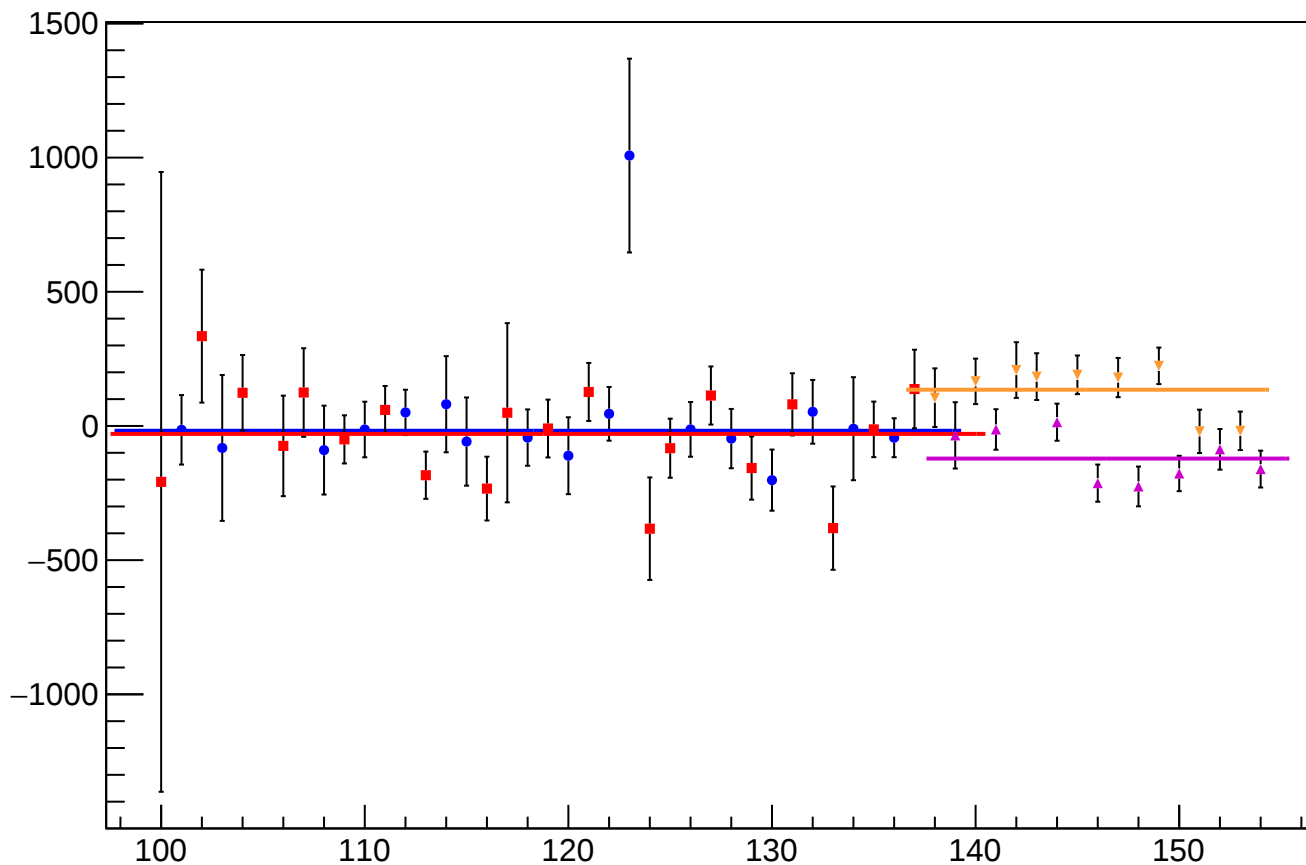
Right Out: 1367.823+/-0.386 χ^2/NDF : 1744640.3/19

Left In: 533.447+/-0.155 χ^2/NDF :1060692.4/7

659.337+/-0.146 χ^2/NDF : 5886215.9/25

648.999+/-0.144 χ^2/NDF : 6823440.7/27

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.972 ± 28.848 χ^2/NDF : 13.4/16

Left Out: 135.044 ± 26.812 χ^2/NDF : 12.0/8

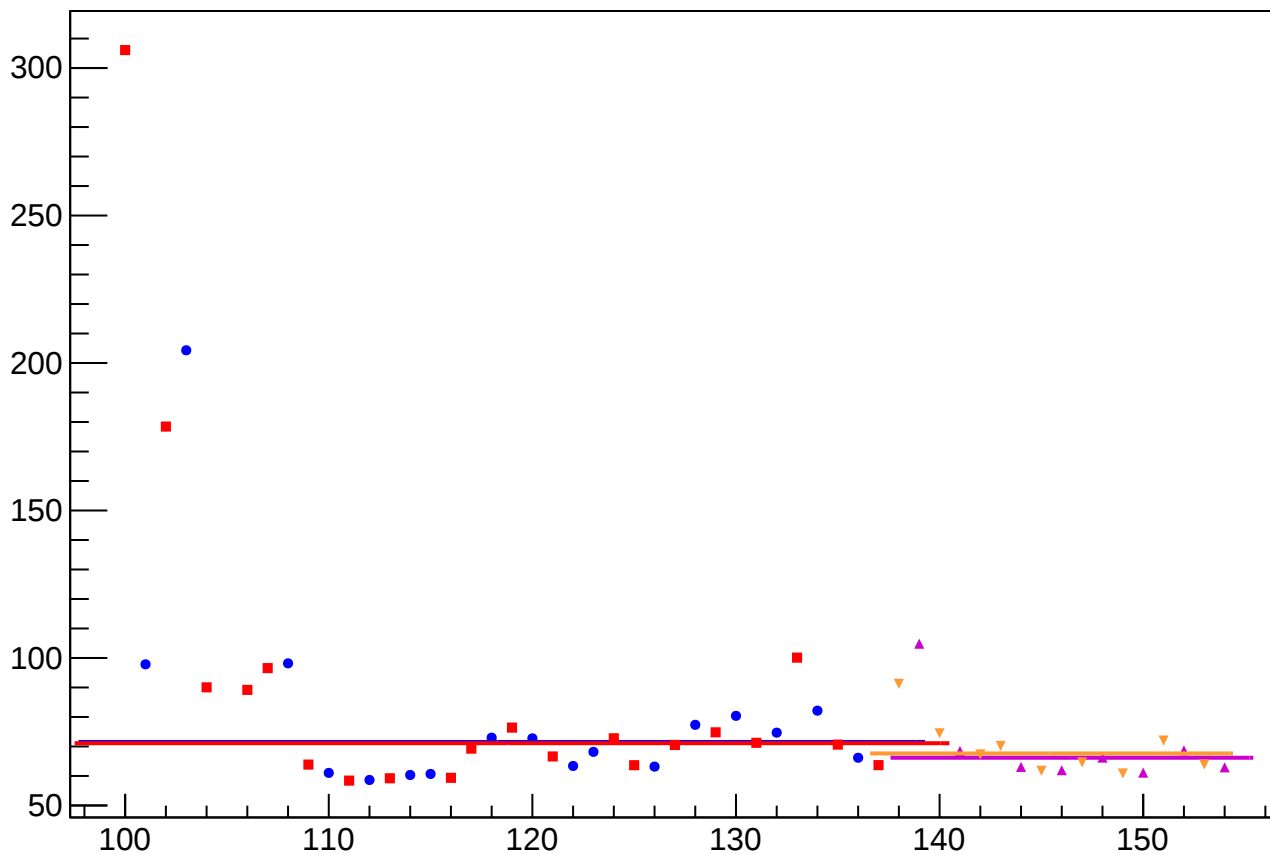
Right Out: -29.517 ± 27.879 χ^2/NDF : 27.5/19

Left In: -121.501 ± 26.188 χ^2/NDF : 11.4/7

64.124 ± 19.639 χ^2/NDF : 40.4/25

-78.382 ± 19.088 χ^2/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: 67.640+/-0.019 χ^2/NDF :156066.8/8

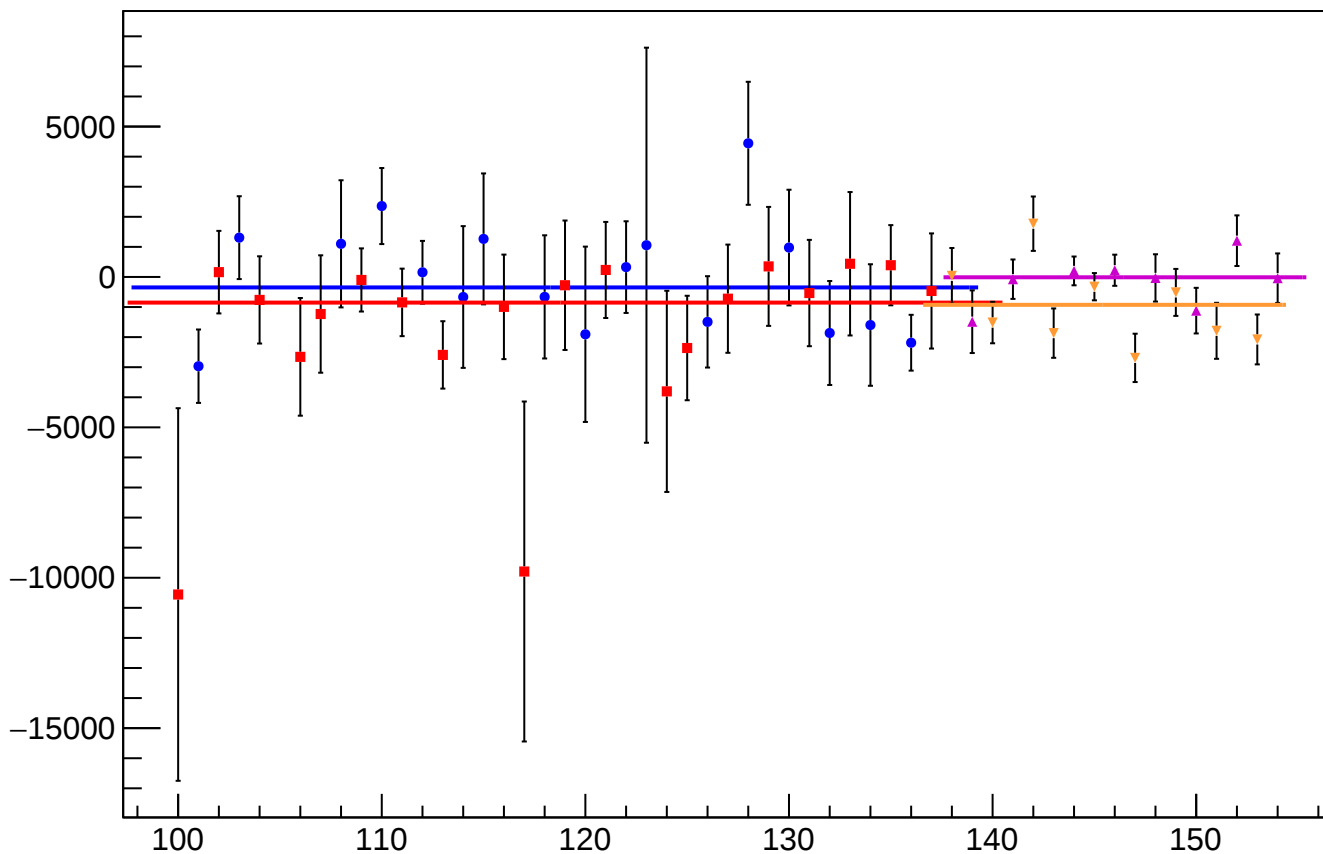
Right Out: 71.102+/-0.020 χ^2/NDF : 765220.8/19

Left In: 66.176+/-0.019 χ^2/NDF :227806.8/7

69.446+/-0.014 χ^2/NDF : 934595.7/25

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: -926.747 $\pm$ 245.053 χ^2/NDF : 21.7/8

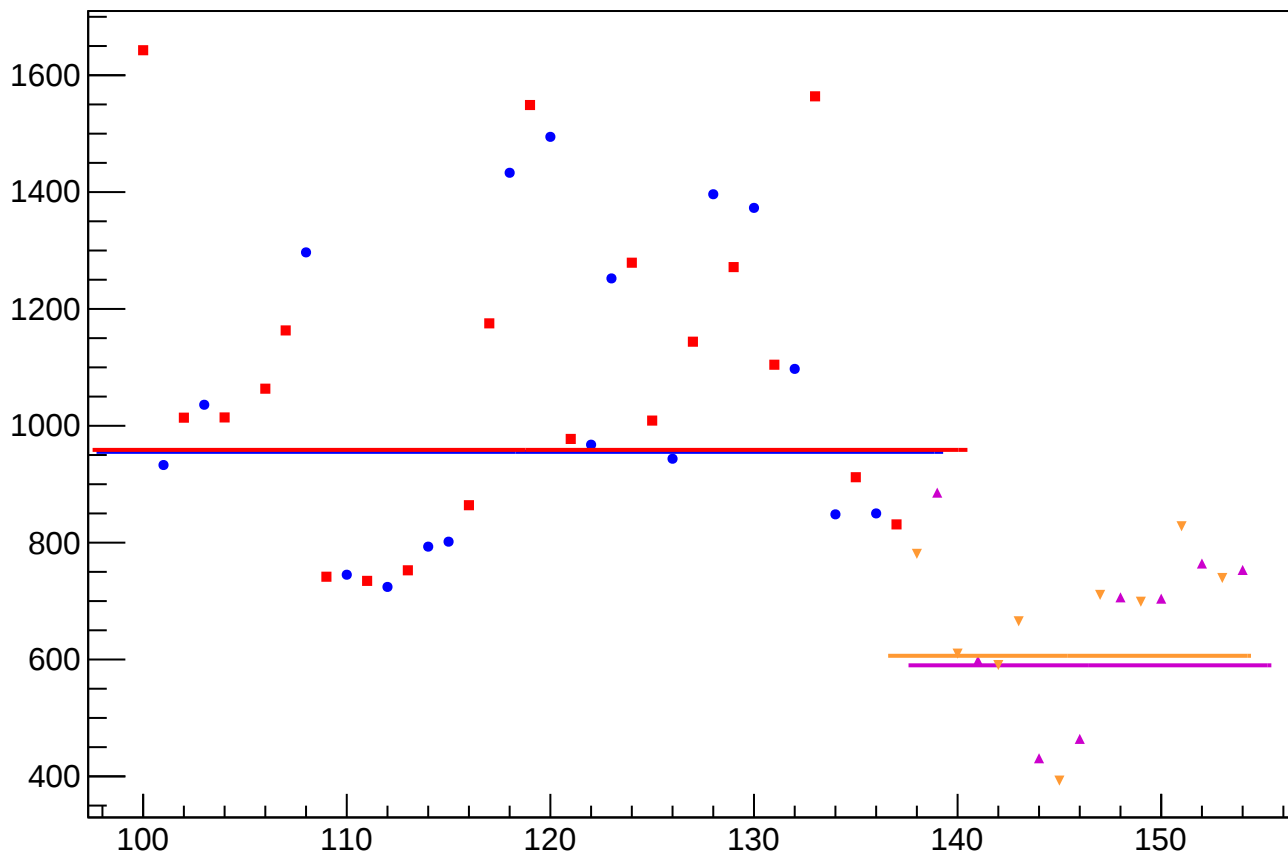
Right Out: -852.433 $\pm$ 369.018 χ^2/NDF : 13.0/19

Left In: -10.769 $\pm$ 238.376 χ^2/NDF : 6.7/7

-757.994 $\pm$ 206.259 χ^2/NDF : 47.4/25

-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: 606.369+/-0.173 χ^2/NDF : 753544.5/8

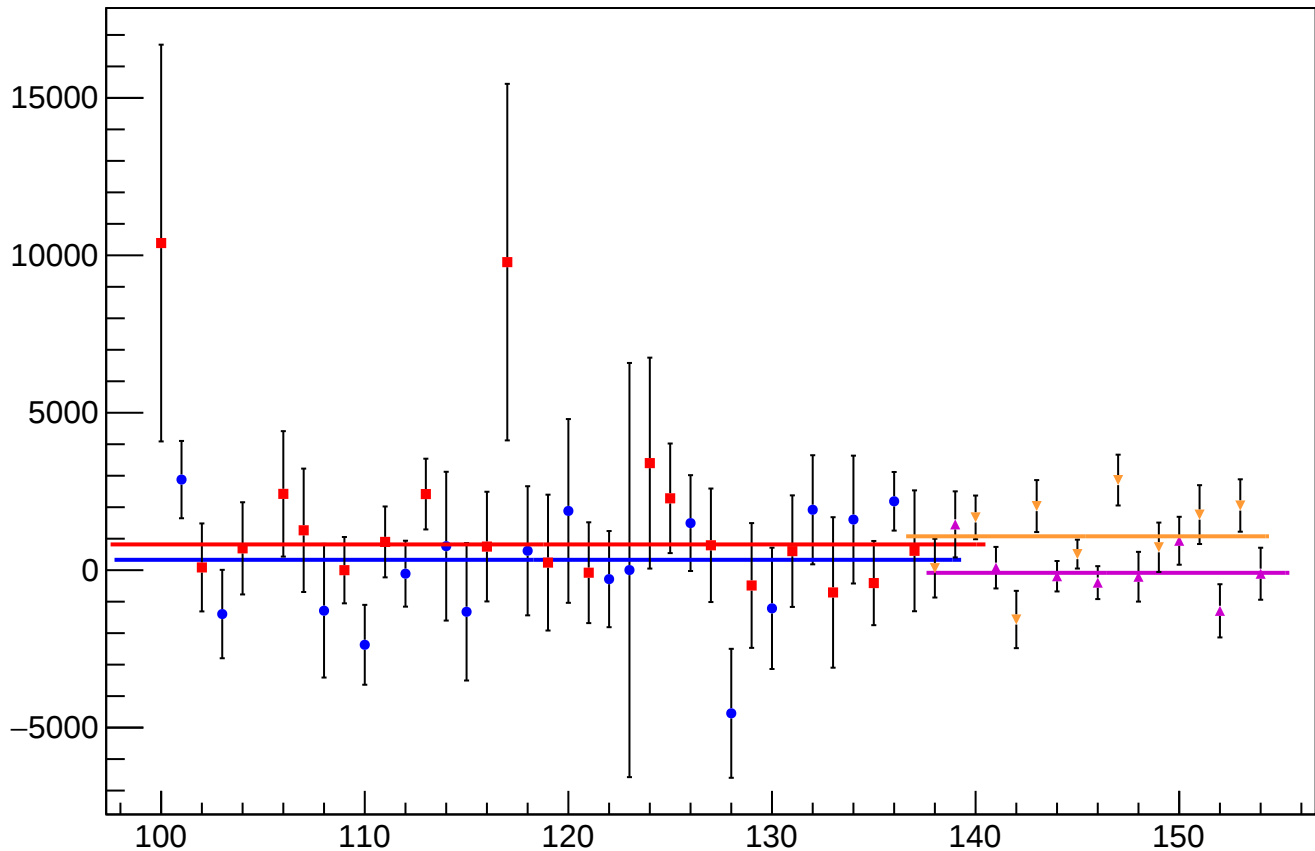
Right Out: 958.776+/-0.261 χ^2/NDF : 696031.2/19

Left In: 590.050+/-0.169 χ^2/NDF : 754252.0/7

708.137+/-0.146 χ^2/NDF : 2583147.0/25

698.612+/-0.142 χ^2/NDF : 2859204.2/27

asym_sam_37_avg_mean vs Slug



Right In: 329.164 ± 383.728 $\chi^2/\text{NDF}: 24.3/16$

Left Out: 1075.747 ± 246.933 $\chi^2/\text{NDF}: 20.2/8$

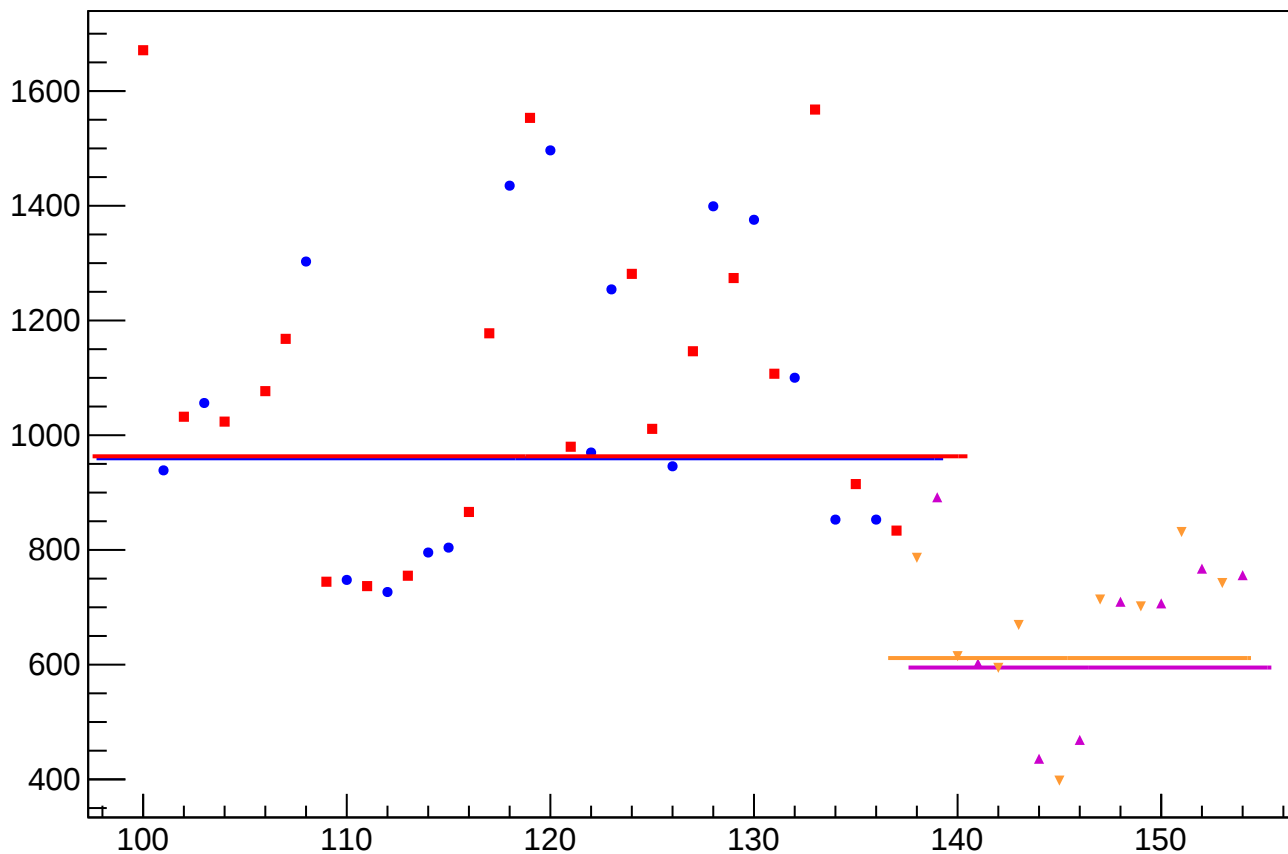
Right Out: 818.253 ± 370.875 $\chi^2/\text{NDF}: 11.8/19$

Left In: -84.005 ± 240.183 $\chi^2/\text{NDF}: 6.5/7$

857.118 ± 207.653 $\chi^2/\text{NDF}: 47.2/25$

182.592 ± 201.599 $\chi^2/\text{NDF}: 22.5/27$

asym_sam_37_avg_rms vs Slug



Right In: 959.770 $\pm$ 0.271 χ^2 /NDF: 646727.9/16

Left Out: 611.515 $\pm$ 0.175 χ^2 /NDF: 732578.5/8

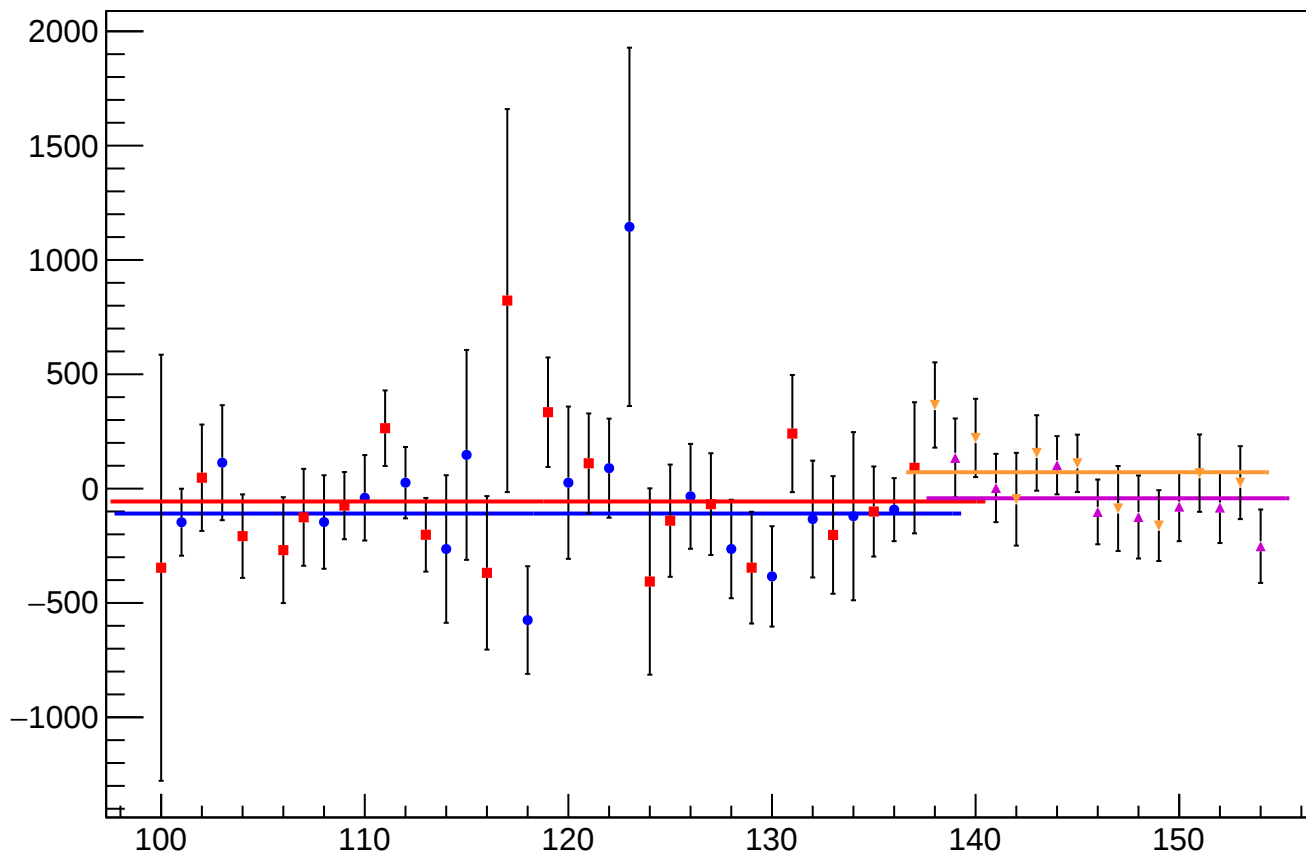
Right Out: 963.238 $\pm$ 0.262 χ^2 /NDF: 698638.3/19

Left In: 594.959 $\pm$ 0.170 χ^2 /NDF: 737624.9/7

713.498 $\pm$ 0.147 χ^2 /NDF: 2544230.3/25

703.777 $\pm$ 0.143 χ^2 /NDF: 2825653.1/27

reg_asym_sam_48_avg_mean vs Slug



Right In: -108.977 ± 52.923 χ^2/NDF : 12.0/16

Left Out: 71.689 ± 54.860 χ^2/NDF : 7.0/8

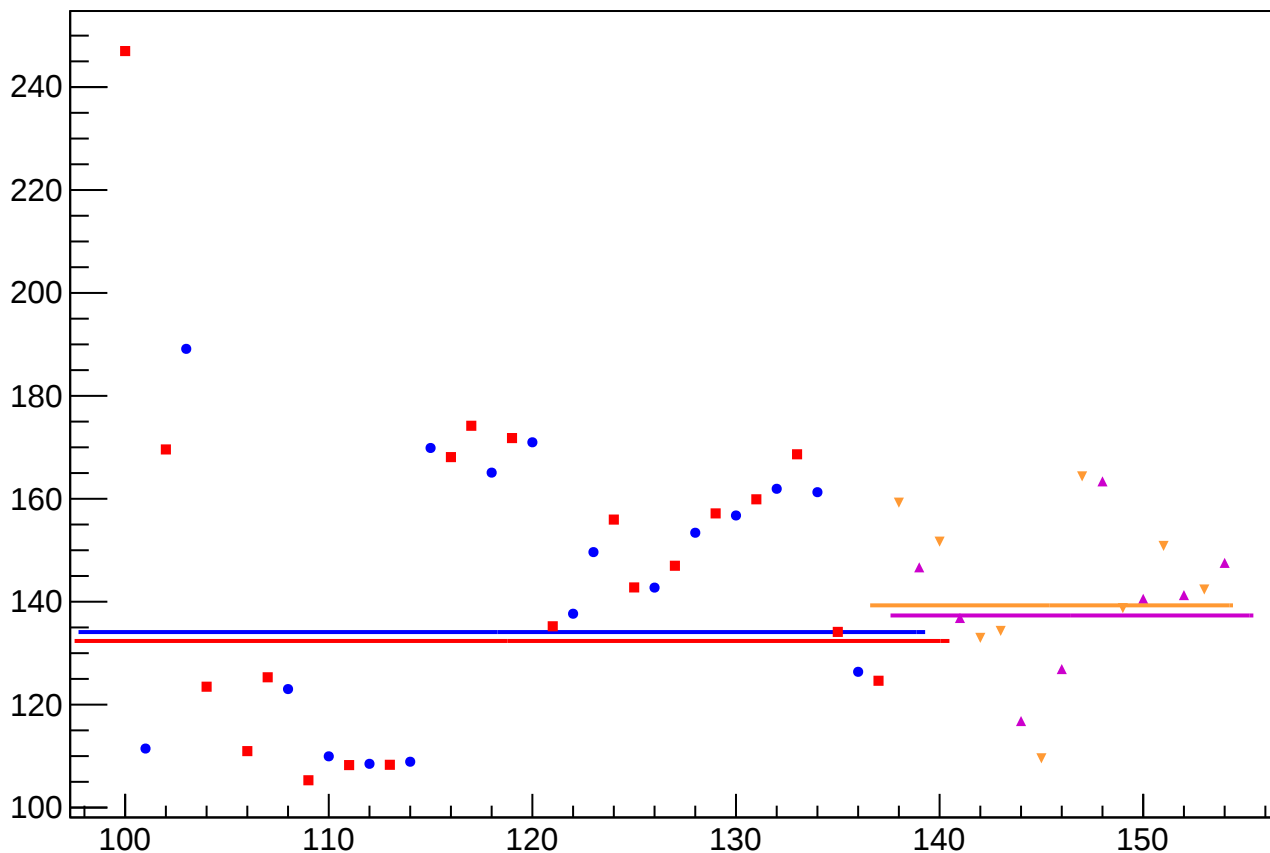
Right Out: -56.241 ± 50.729 χ^2/NDF : 16.0/19

Left In: -42.233 ± 53.894 χ^2/NDF : 4.6/7

-21.890 ± 38.088 χ^2/NDF : 24.7/25

-49.660 ± 36.939 χ^2/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: 139.292 ± 0.039 χ^2/NDF : 195808.1/8

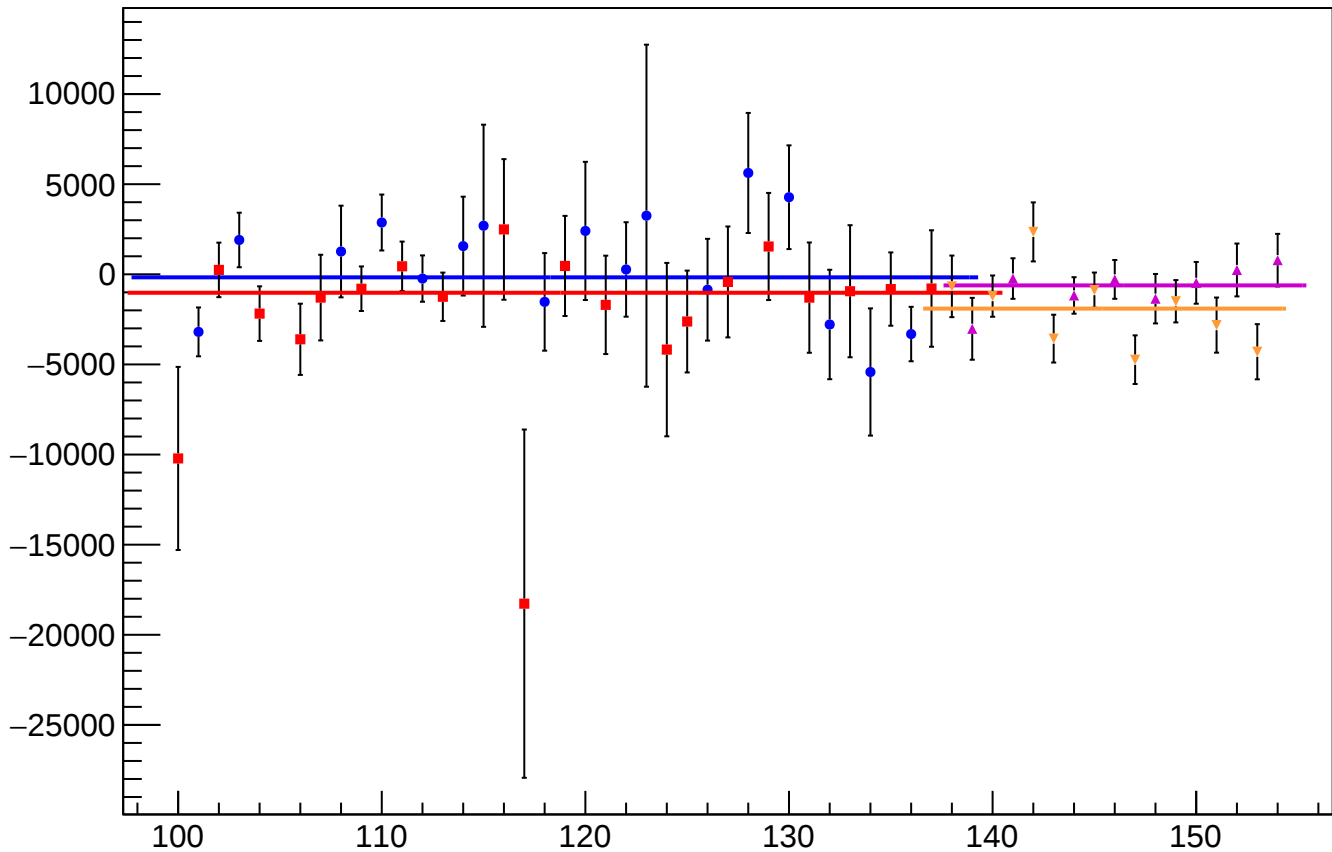
Right Out: 132.373 ± 0.036 χ^2/NDF : 446741.9/19

Left In: 137.326 ± 0.038 χ^2/NDF : 120070.2/7

136.604 ± 0.027 χ^2/NDF : 607656.2/25

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: -1903.054 ± 437.334 χ^2/NDF : 17.7/8

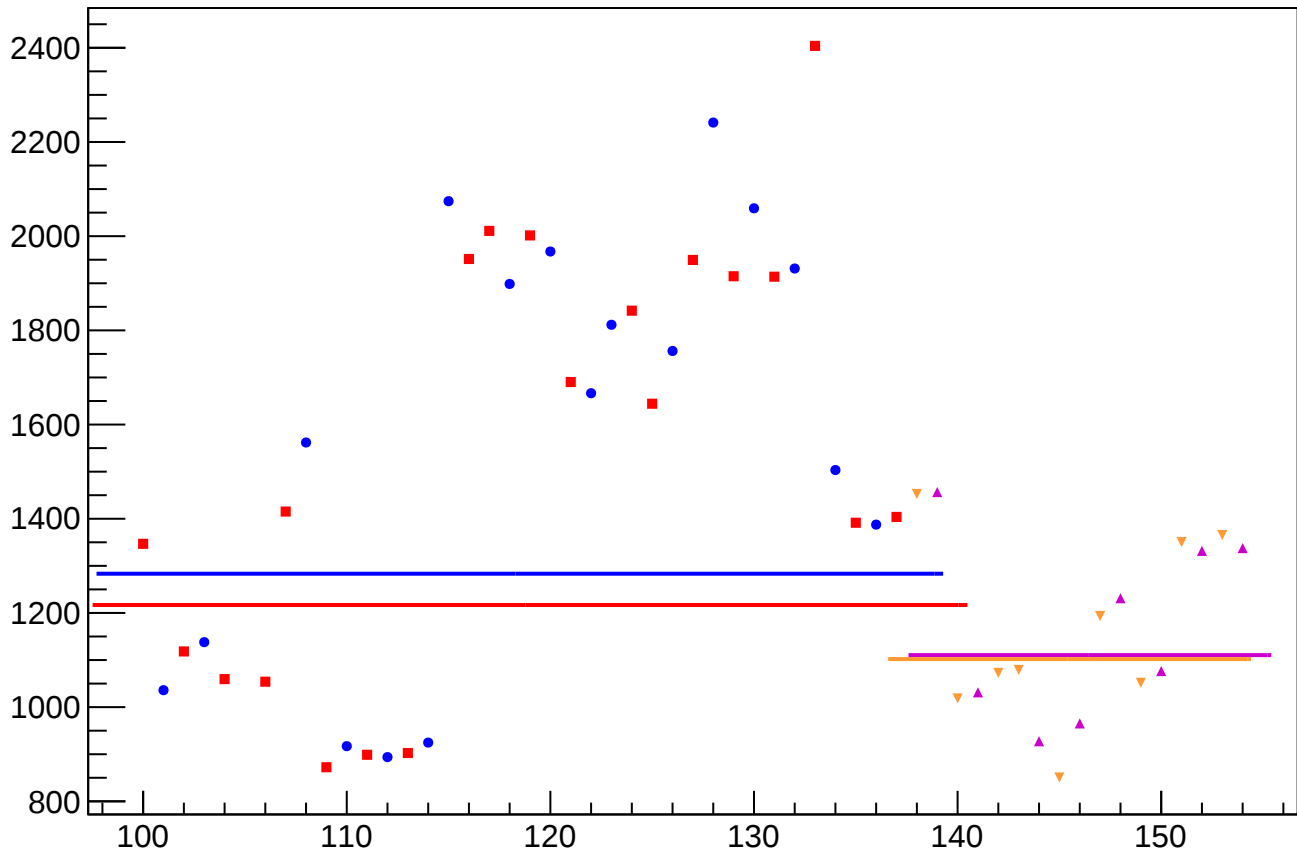
Right Out: -1023.271 ± 480.373 χ^2/NDF : 13.4/19

Left In: -615.909 ± 439.331 χ^2/NDF : 4.0/7

-1190.257 ± 335.673 χ^2/NDF : 49.4/25

-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: 1102.081+/-0.309 χ^2/NDF :354101.1/8

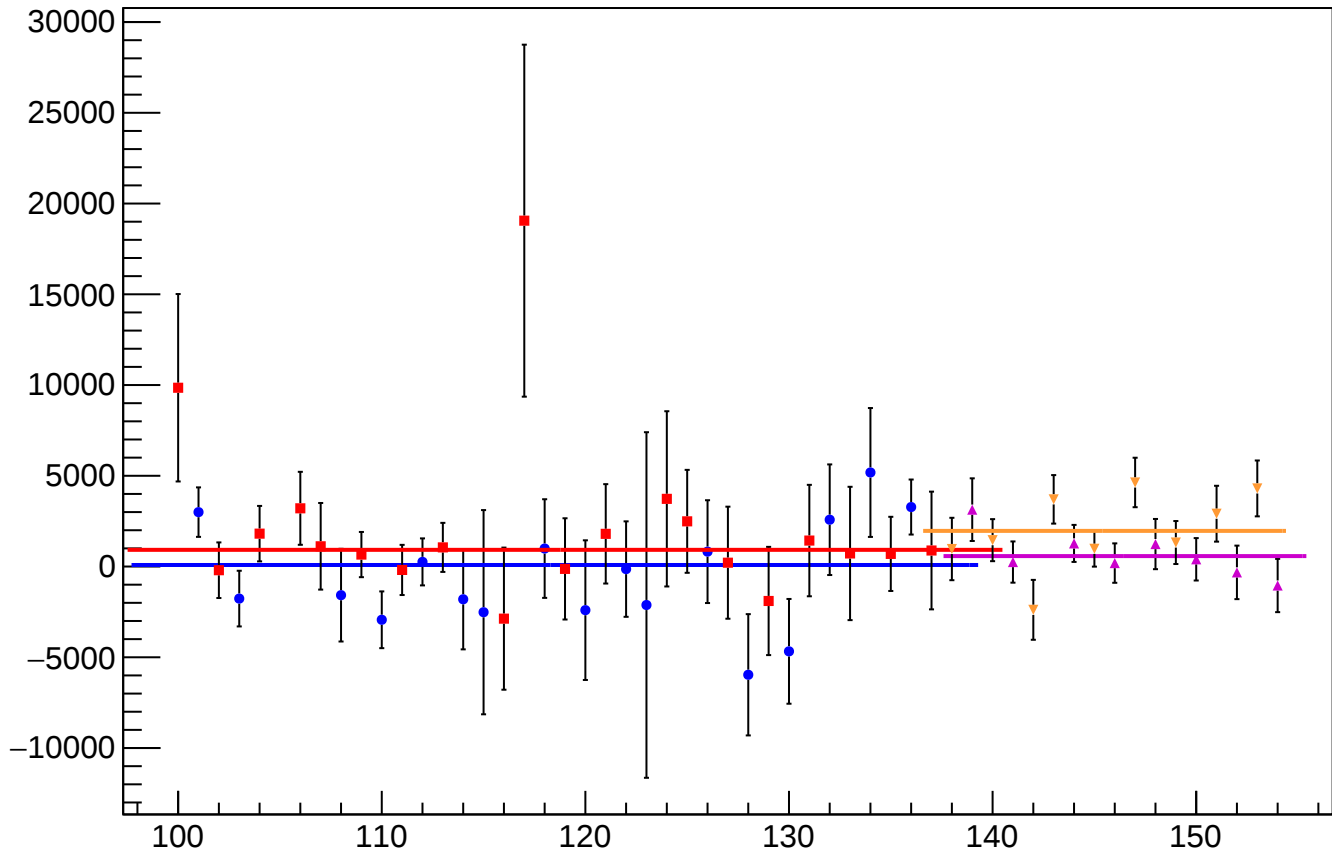
1176.547+/-0.237 χ^2/NDF : 1664658.7/25

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: 1964.269+/-440.985 χ^2/NDF : 17.0/8

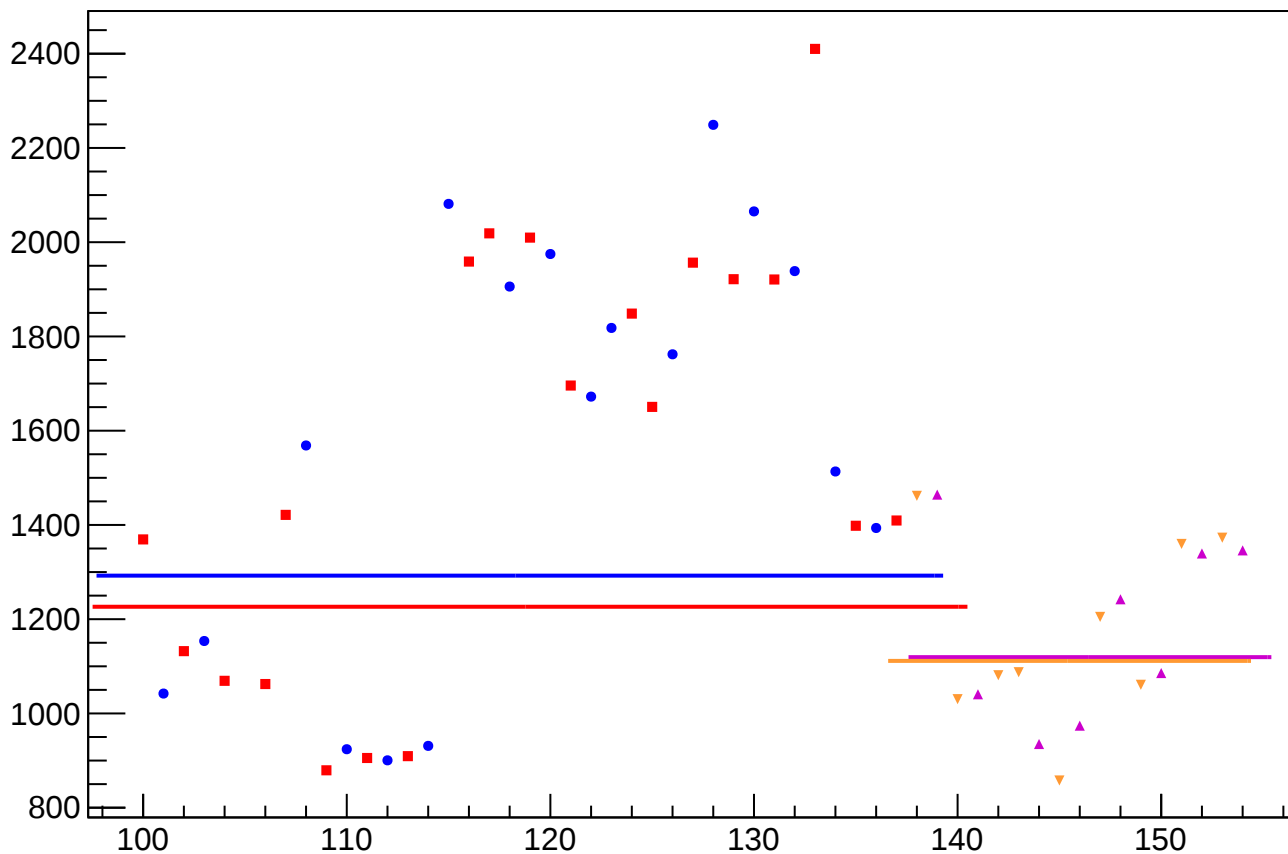
Right Out: 919.892+/-484.043 χ^2/NDF : 12.2/19

Left In: 575.314+/-442.807 χ^2/NDF : 4.7/7

1190.492+/-338.221 χ^2/NDF : 49.2/25

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: 1111.510+/-0.312 χ^2 /NDF: 350341.6/8

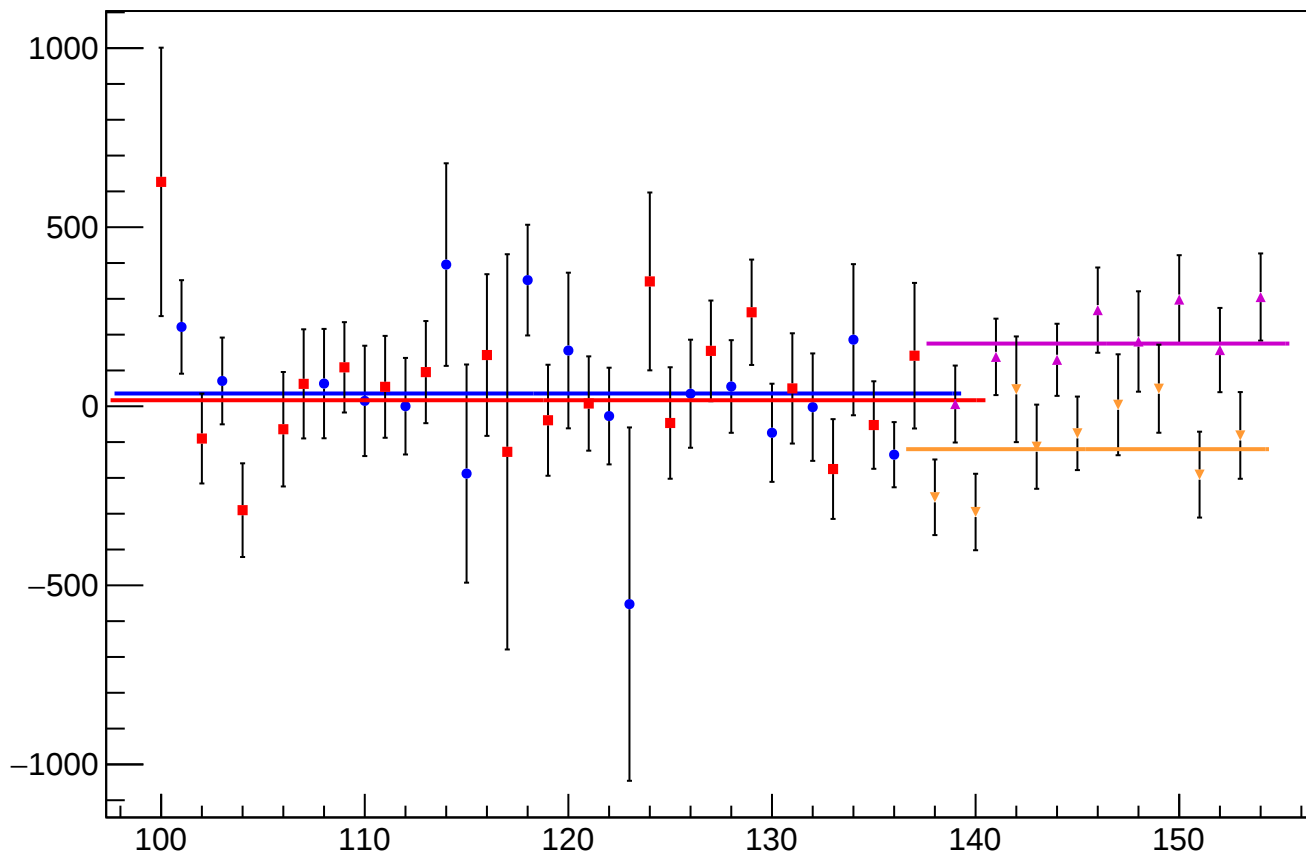
Right Out: 1226.408+/-0.342 χ^2 /NDF: 1359134.9/19

Left In: 1119.466+/-0.313 χ^2 /NDF: 300290.8/7

1186.004+/-0.239 χ^2 /NDF: 1645522.2/25

1168.189+/-0.231 χ^2 /NDF: 1712573.1/27

reg_asym_sam_15_dd_mean vs Slug



Right In: 35.679 ± 36.350 χ^2/NDF : 15.3/16

Left Out: -119.762 ± 39.375 χ^2/NDF : 8.9/8

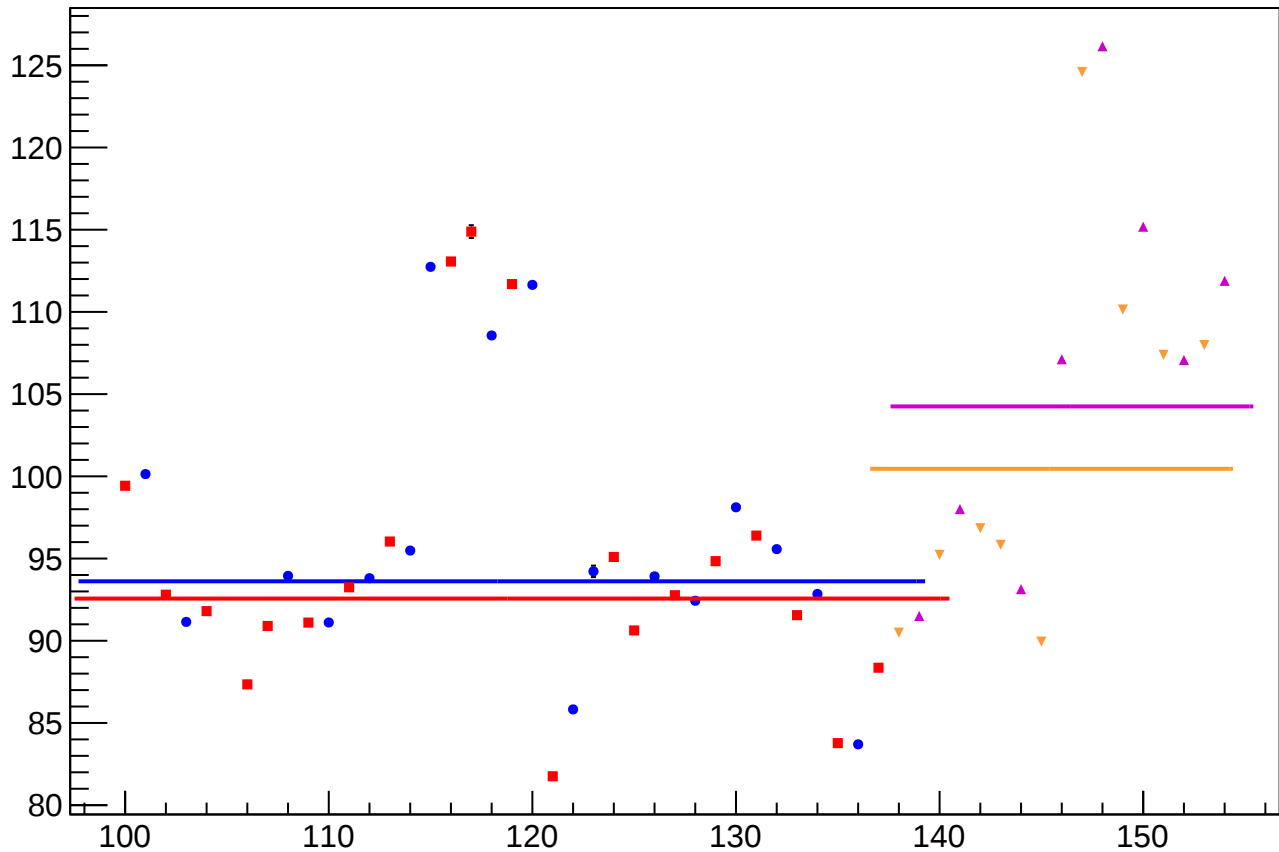
Right Out: 16.849 ± 34.623 χ^2/NDF : 19.0/19

Left In: 175.051 ± 40.840 χ^2/NDF : 5.6/7

-35.843 ± 26.709 χ^2/NDF : 32.6/25

83.003 ± 26.410 χ^2/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: 100.459+/-0.028 χ^2/NDF :133400.4/8

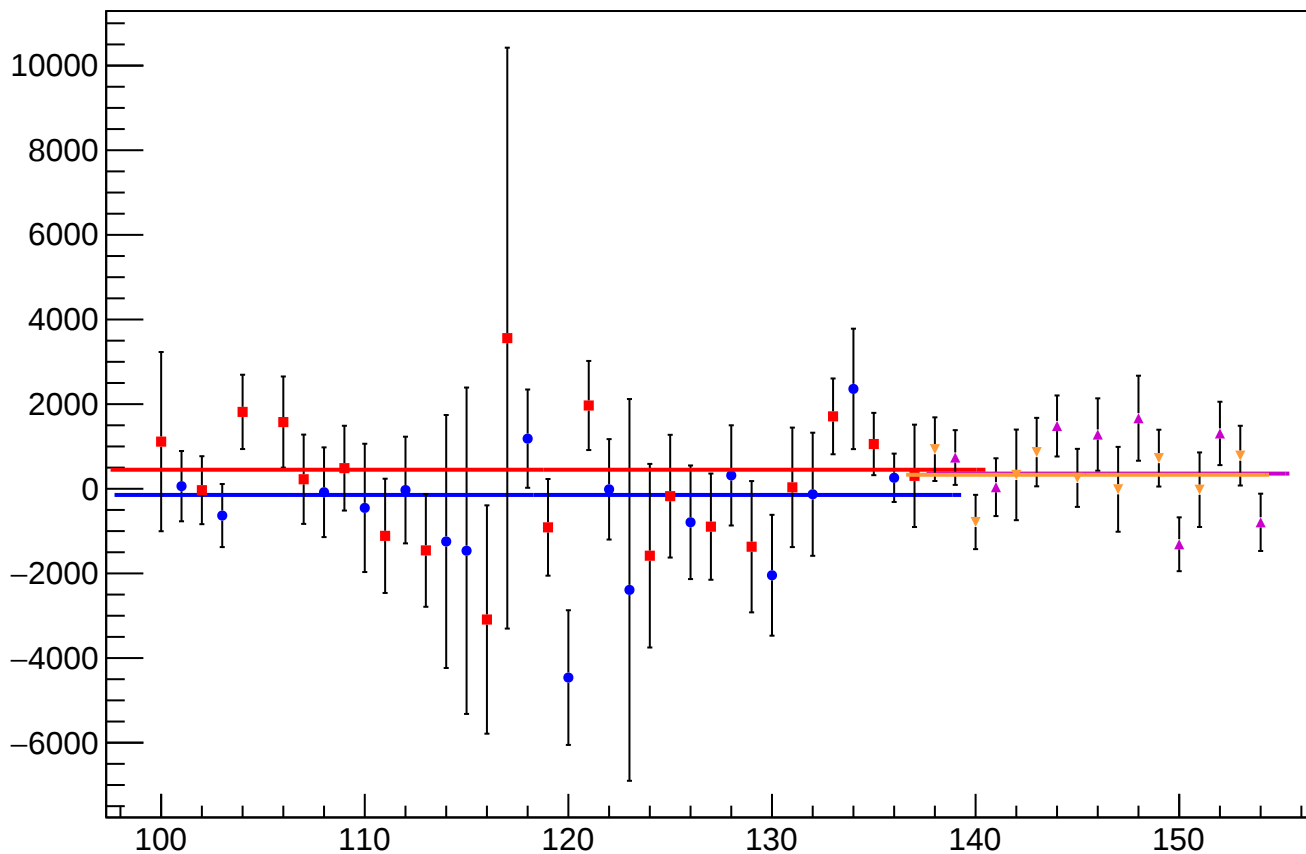
Right Out: 92.565+/-0.024 χ^2/NDF : 81875.5/19

Left In: 104.252+/-0.029 χ^2/NDF :133937.4/7

96.764+/-0.019 χ^2/NDF : 245936.8/25

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: 331.030 $\pm$ 256.221 χ^2 /NDF: 5.2/8

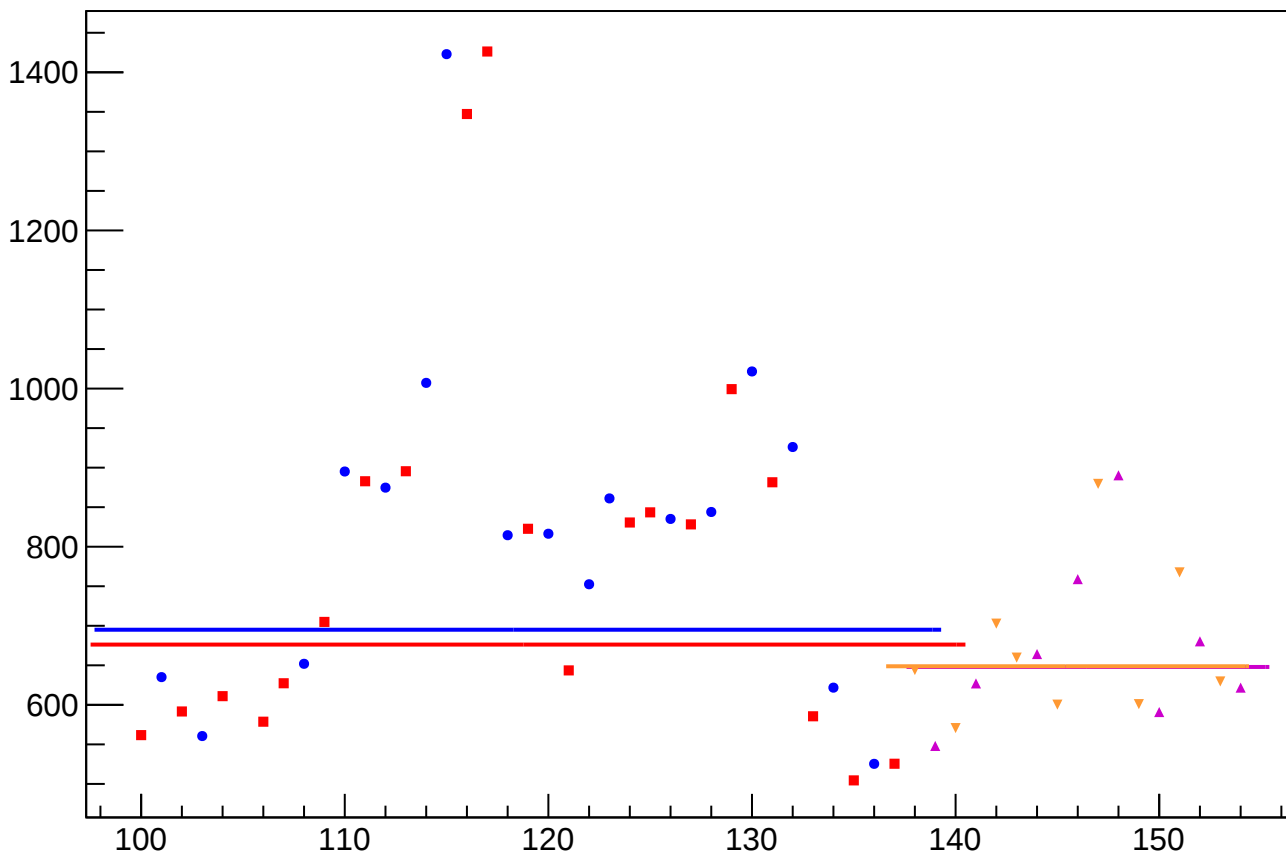
Right Out: 450.047 $\pm$ 260.089 χ^2 /NDF: 19.2/19

Left In: 358.543 $\pm$ 256.038 χ^2 /NDF: 17.3/7

111.006 $\pm$ 187.977 χ^2 /NDF: 22.2/25

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: 648.792+/-0.181 χ^2/NDF :199114.5/8

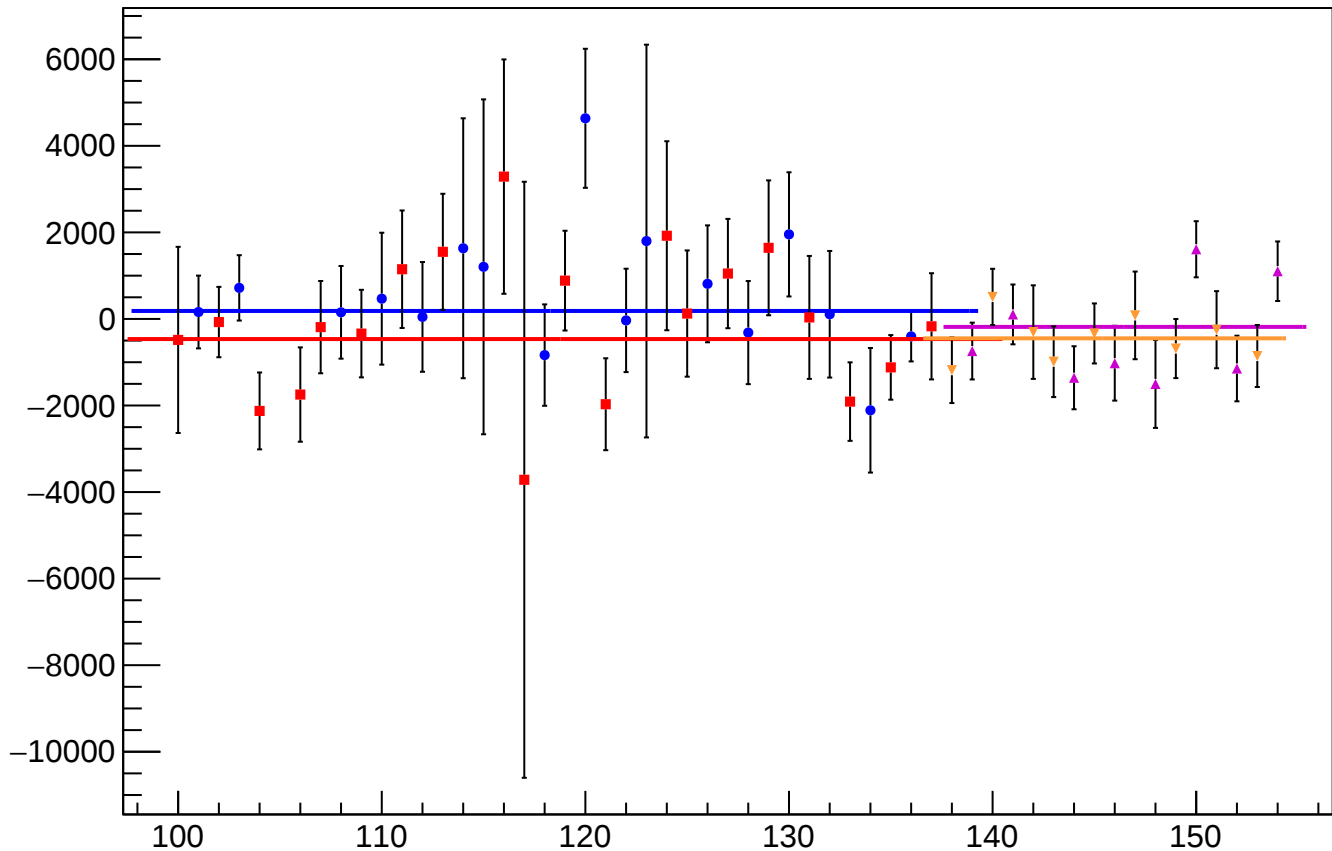
Right Out: 676.229+/-0.184 χ^2/NDF : 700313.6/19

Left In: 647.924+/-0.181 χ^2/NDF :223526.0/7

670.135+/-0.133 χ^2/NDF : 906882.4/25

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: -448.002 ± 259.447 χ^2/NDF : 4.3/8

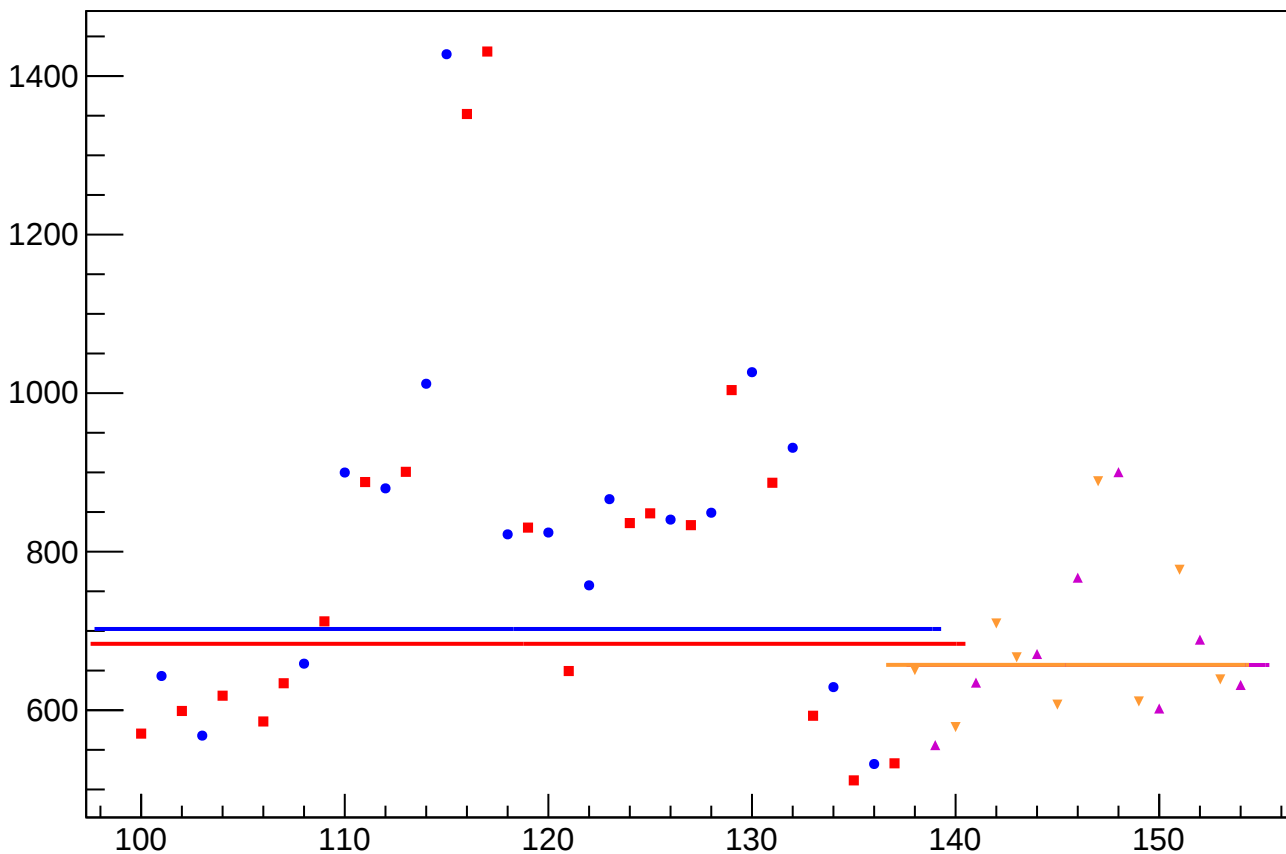
Right Out: -464.916 ± 262.768 χ^2/NDF : 22.5/19

Left In: -183.694 ± 259.536 χ^2/NDF : 18.9/7

-155.120 ± 190.116 χ^2/NDF : 22.0/25

-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: 657.182+/-0.183 χ^2/NDF :195968.2/8

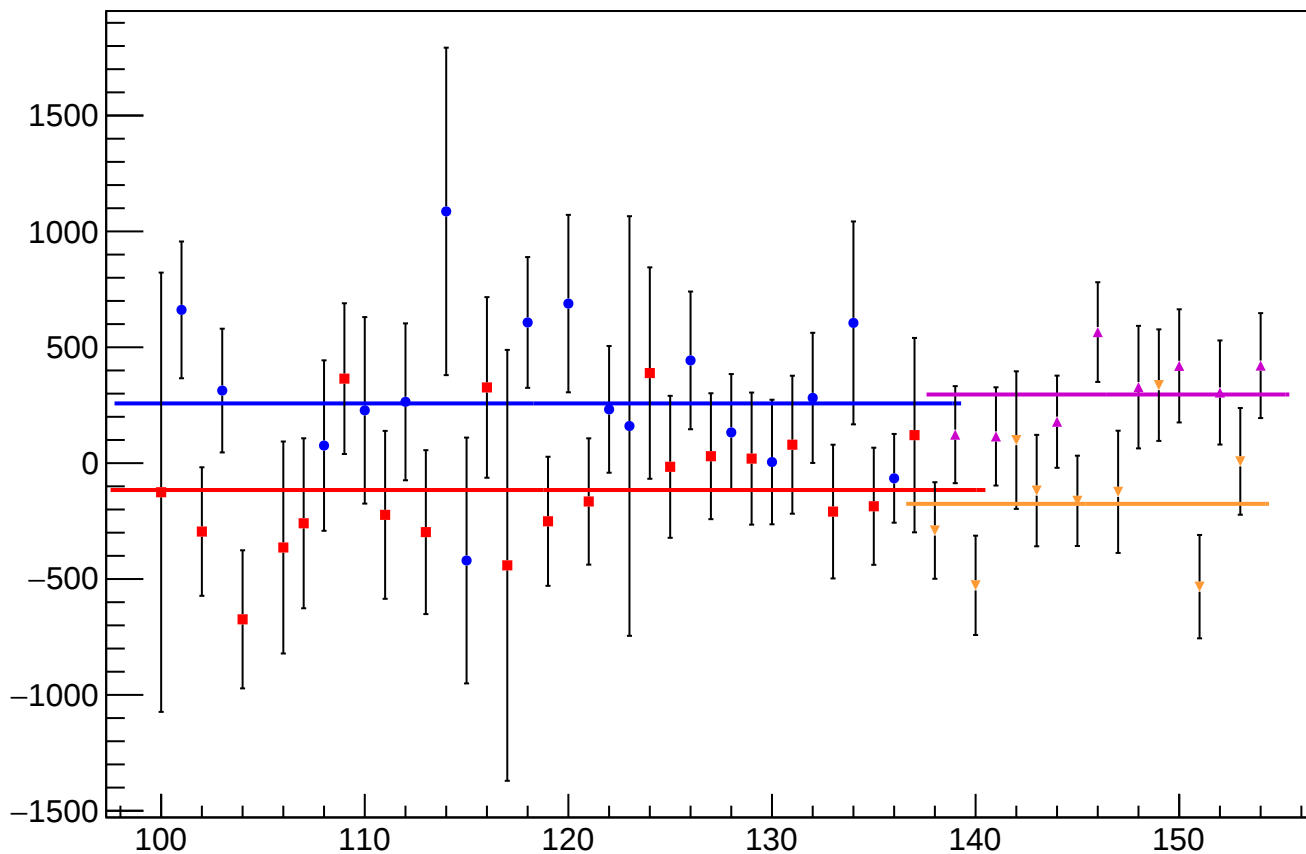
Right Out: 683.751+/-0.186 χ^2/NDF : 683105.3/19

Left In: 657.043+/-0.184 χ^2/NDF :218155.4/7

678.152+/-0.134 χ^2/NDF : 884709.7/25

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: -175.530 ± 76.607 χ^2/NDF : 11.7/8

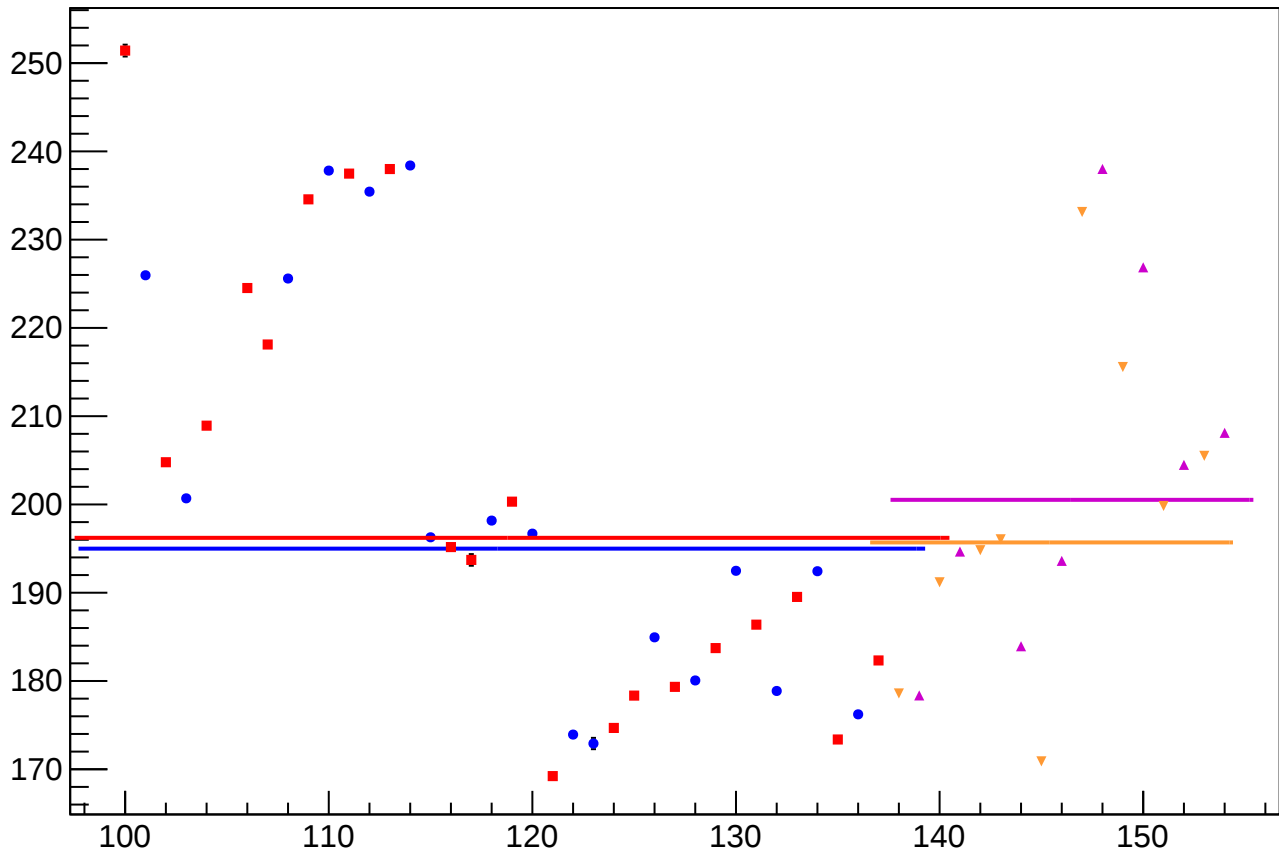
Right Out: -115.922 ± 73.976 χ^2/NDF : 11.4/19

Left In: 296.240 ± 78.476 χ^2/NDF : 3.9/7

43.014 ± 53.929 χ^2/NDF : 40.8/25

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: 195.697 $\pm$ 0.054 χ^2 /NDF:105057.5/8

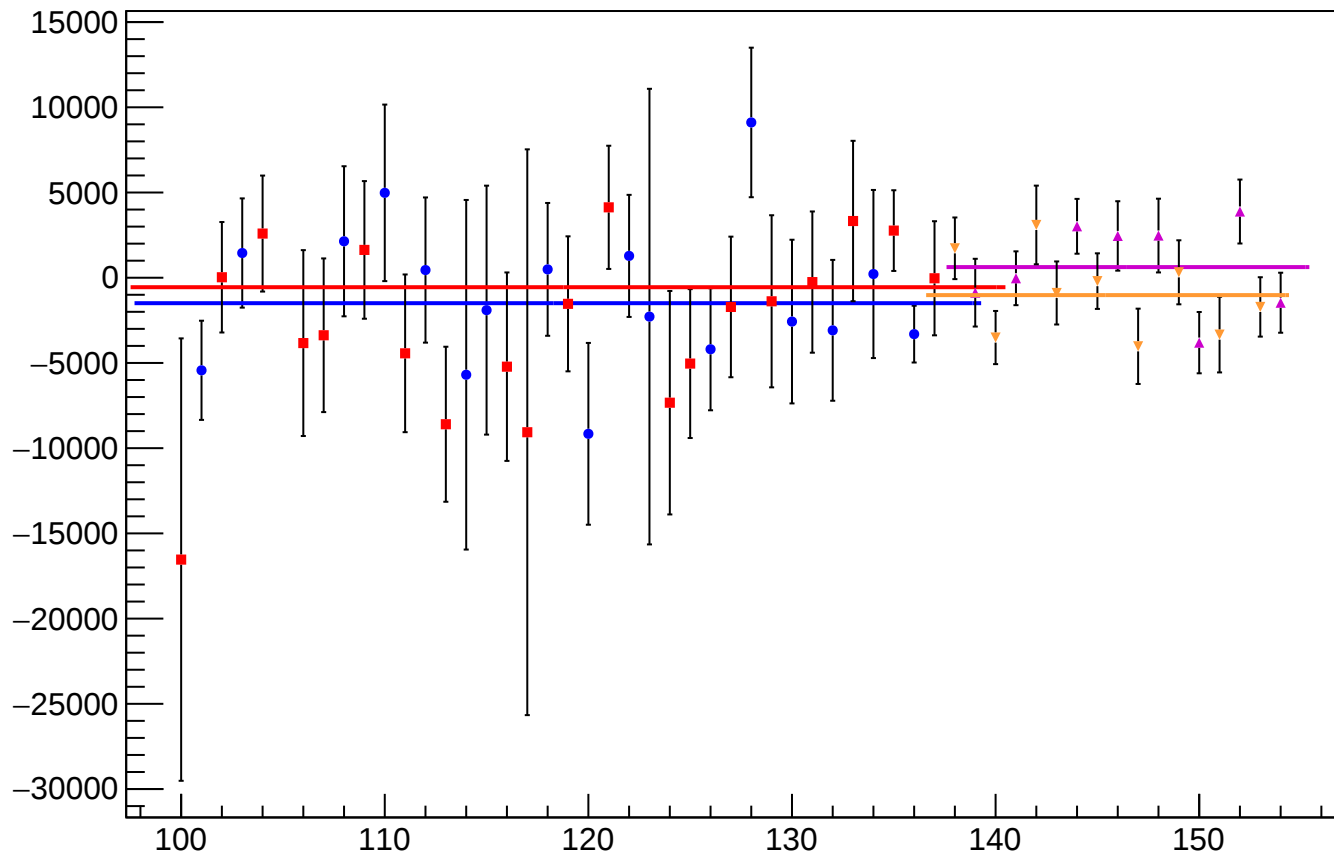
Right Out: 196.219 $\pm$ 0.052 χ^2 /NDF: 173506.2/19

Left In: 200.523 $\pm$ 0.055 χ^2 /NDF:106268.1/7

195.343 $\pm$ 0.038 χ^2 /NDF: 249413.6/25

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: -1019.800 ± 620.942 χ^2/NDF : 11.9/8

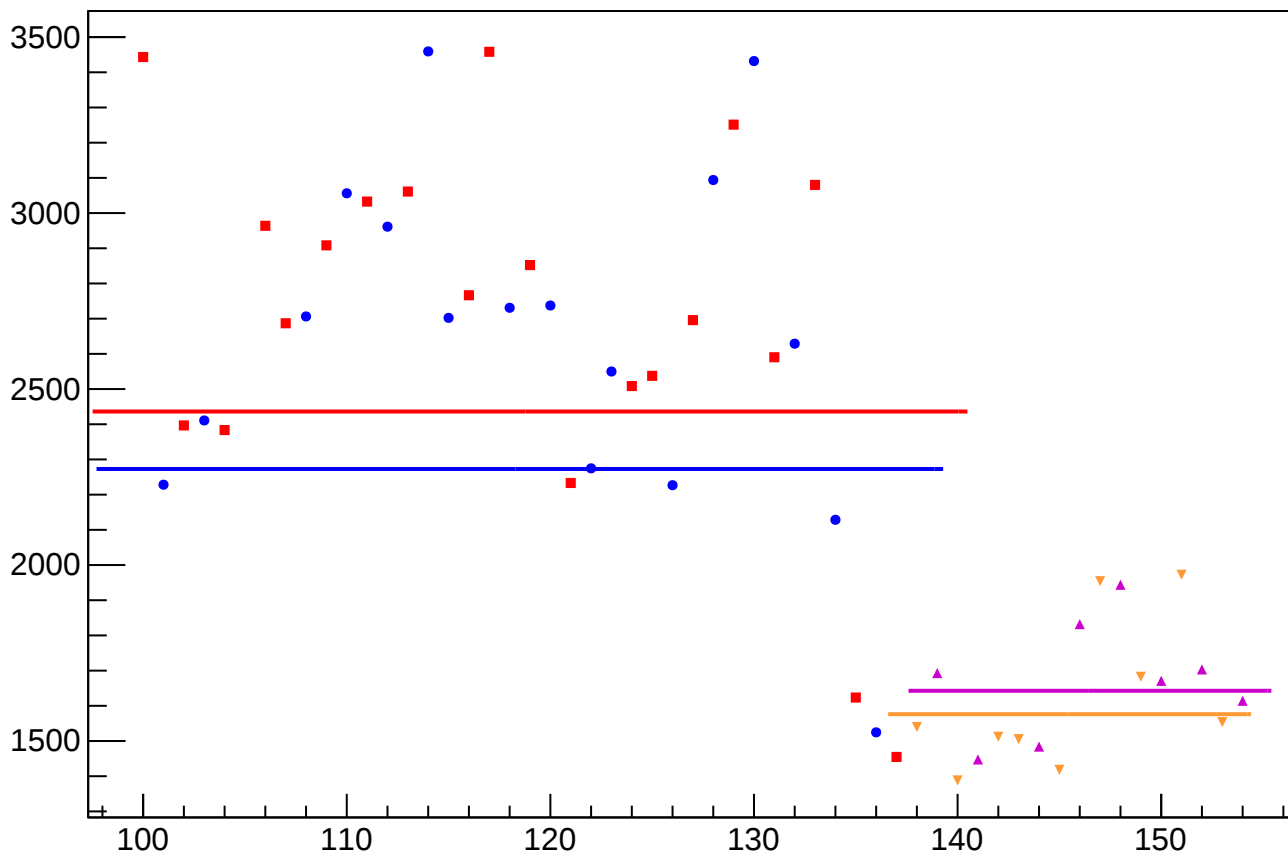
Right Out: -555.744 ± 933.239 χ^2/NDF : 14.9/19

Left In: 624.153 ± 643.971 χ^2/NDF : 15.0/7

-1170.031 ± 513.061 χ^2/NDF : 28.2/25

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: 1576.183+/-0.439 χ^2/NDF : 182222.9/8

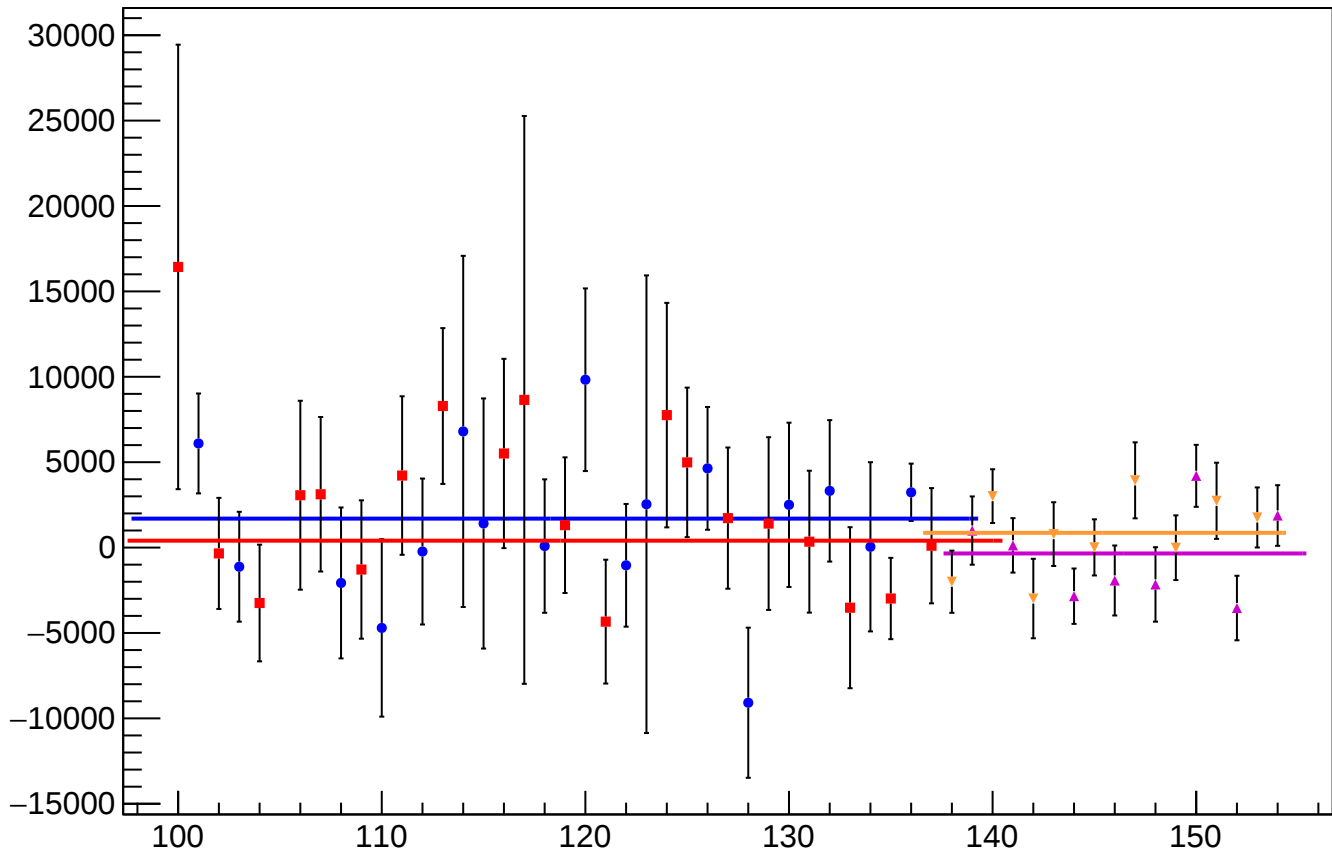
Right Out: 2436.191+/-0.660 χ^2/NDF : 688391.3/19

Left In: 1642.738+/-0.455 χ^2/NDF : 110395.9/7

1797.241+/-0.363 χ^2/NDF : 1786747.2/25

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: 864.177 $\pm$ 625.914 χ^2 /NDF:10.4/8

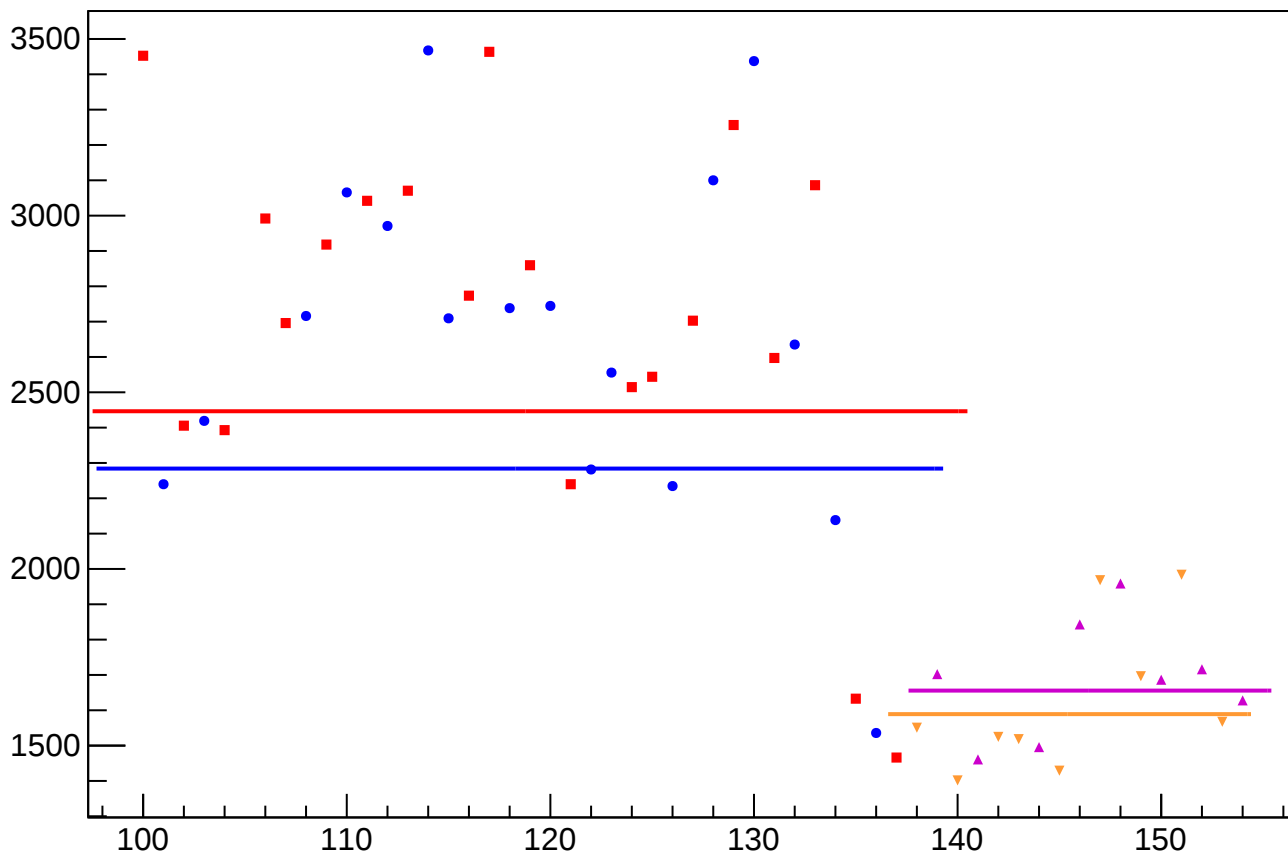
Right Out: 403.904 $\pm$ 937.036 χ^2 /NDF: 15.2/19

Left In: -344.026 $\pm$ 648.982 χ^2 /NDF:14.9/7

1129.382 $\pm$ 516.582 χ^2 /NDF: 27.6/25

-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: 1589.096+/-0.443 χ^2/NDF : 179955.8/8

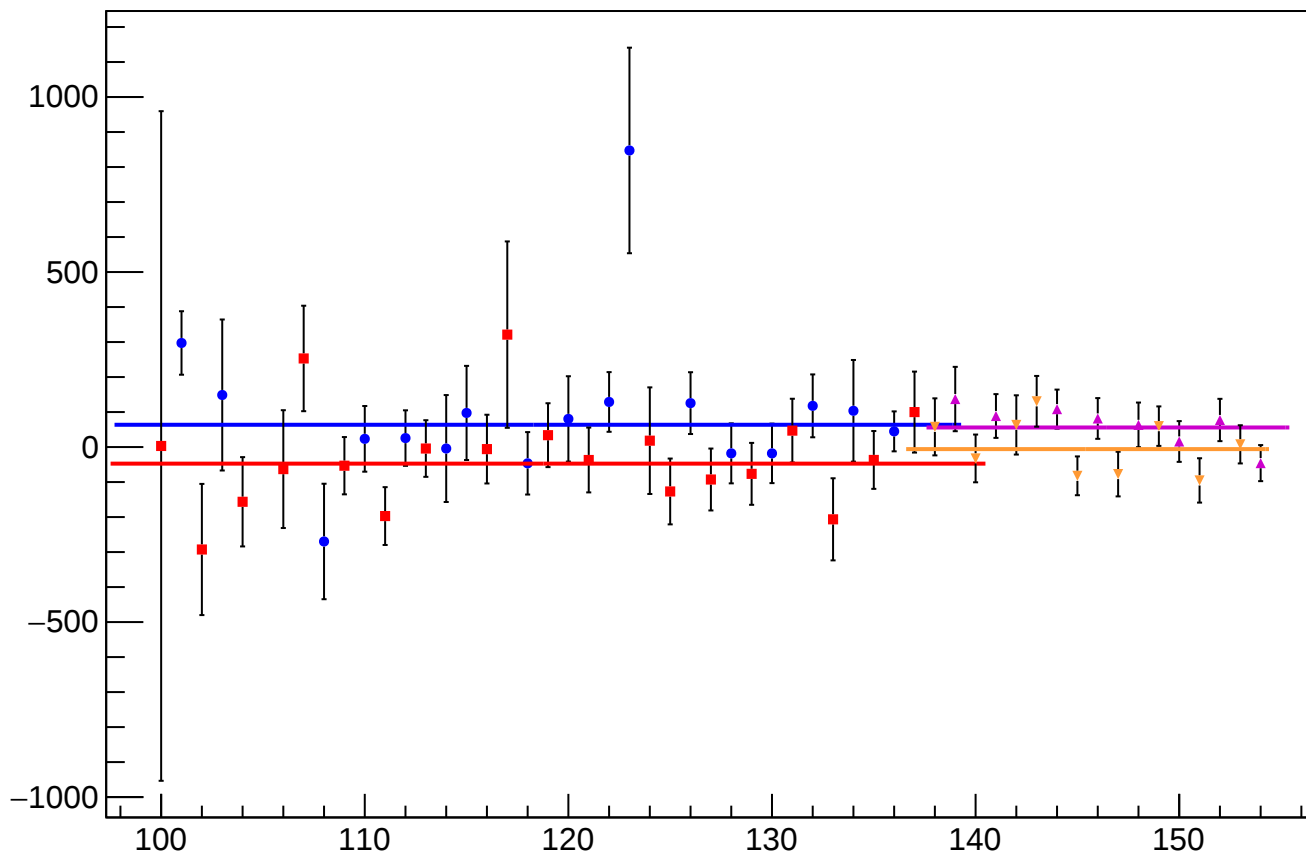
Right Out: 2446.366+/-0.663 χ^2/NDF : 680413.3/19

Left In: 1655.715+/-0.459 χ^2/NDF : 108911.5/7

1810.693+/-0.365 χ^2/NDF : 1760184.6/25

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: -5.863+/-21.487 χ^2/NDF : 11.5/8

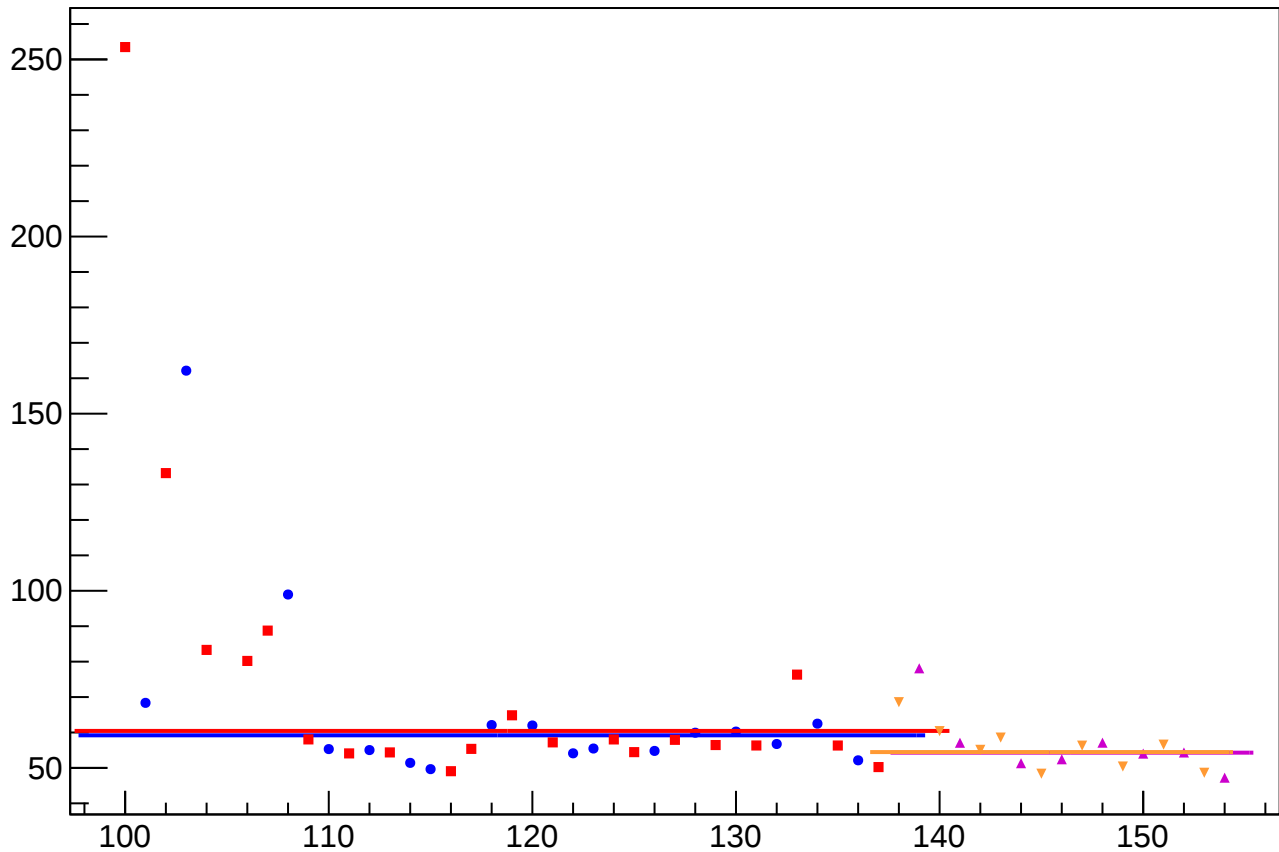
Right Out: -47.367+/-23.568 χ^2/NDF : 18.7/19

Left In: 55.930+/-21.406 χ^2/NDF : 6.7/7

25.443+/-15.932 χ^2/NDF : 39.9/25

9.236+/-15.846 χ^2/NDF : 35.9/27

reg_asym_sam_37_dd_rms vs Slug



Right In: 59.200 $\pm$ 0.017 χ^2 /NDF: 665472.4/16

Left Out: 54.470 $\pm$ 0.015 χ^2 /NDF: 142734.5/8

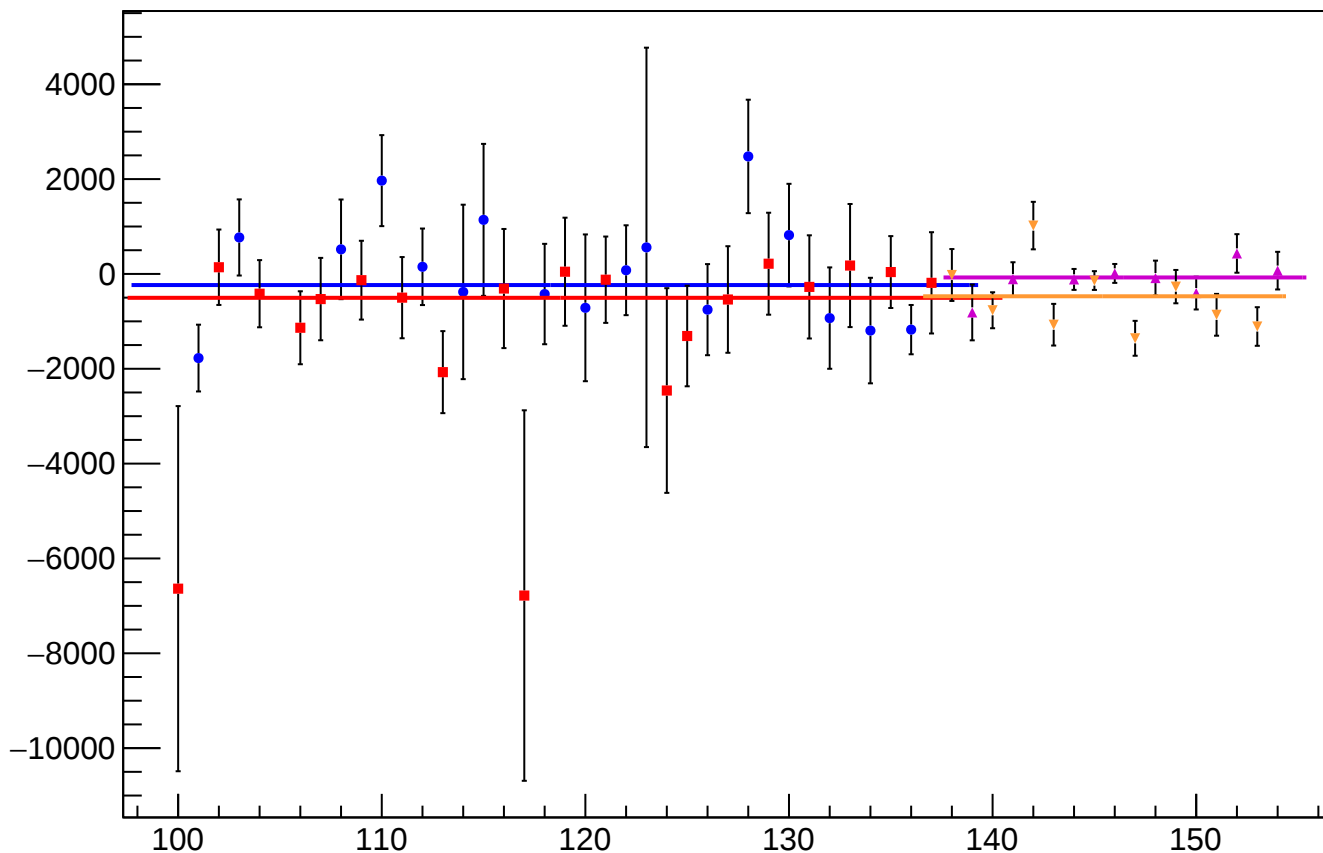
Right Out: 60.443 $\pm$ 0.017 χ^2 /NDF: 680790.3/19

Left In: 54.305 $\pm$ 0.015 χ^2 /NDF: 187479.7/7

56.600 $\pm$ 0.011 χ^2 /NDF: 851843.6/25

57.080 $\pm$ 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: -471.263 ± 118.144 χ^2/NDF : 24.2/8

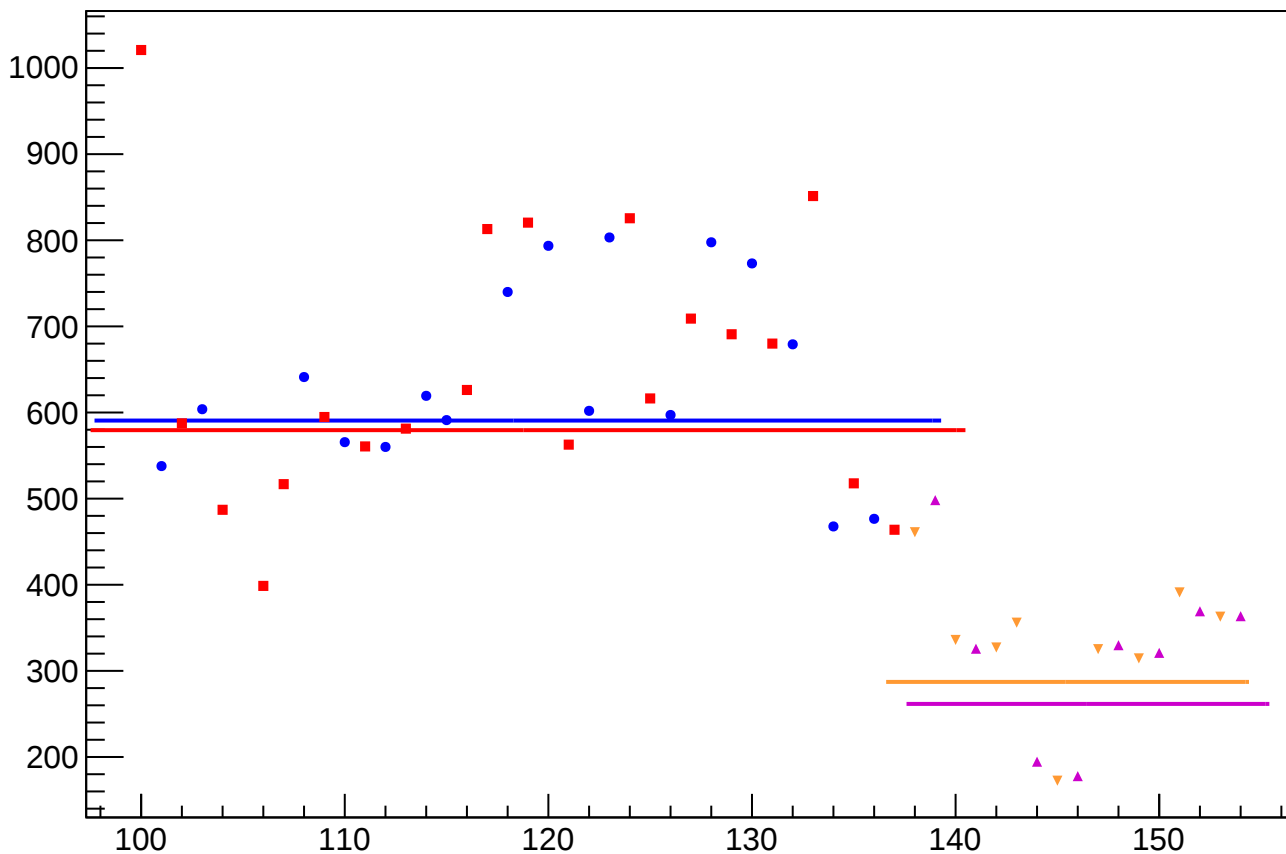
Right Out: -503.638 ± 221.955 χ^2/NDF : 13.2/19

Left In: -74.349 ± 108.743 χ^2/NDF : 4.4/7

-423.128 ± 105.453 χ^2/NDF : 49.2/25

-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: 287.190+/-0.084 χ^2/NDF : 1181846.3/8

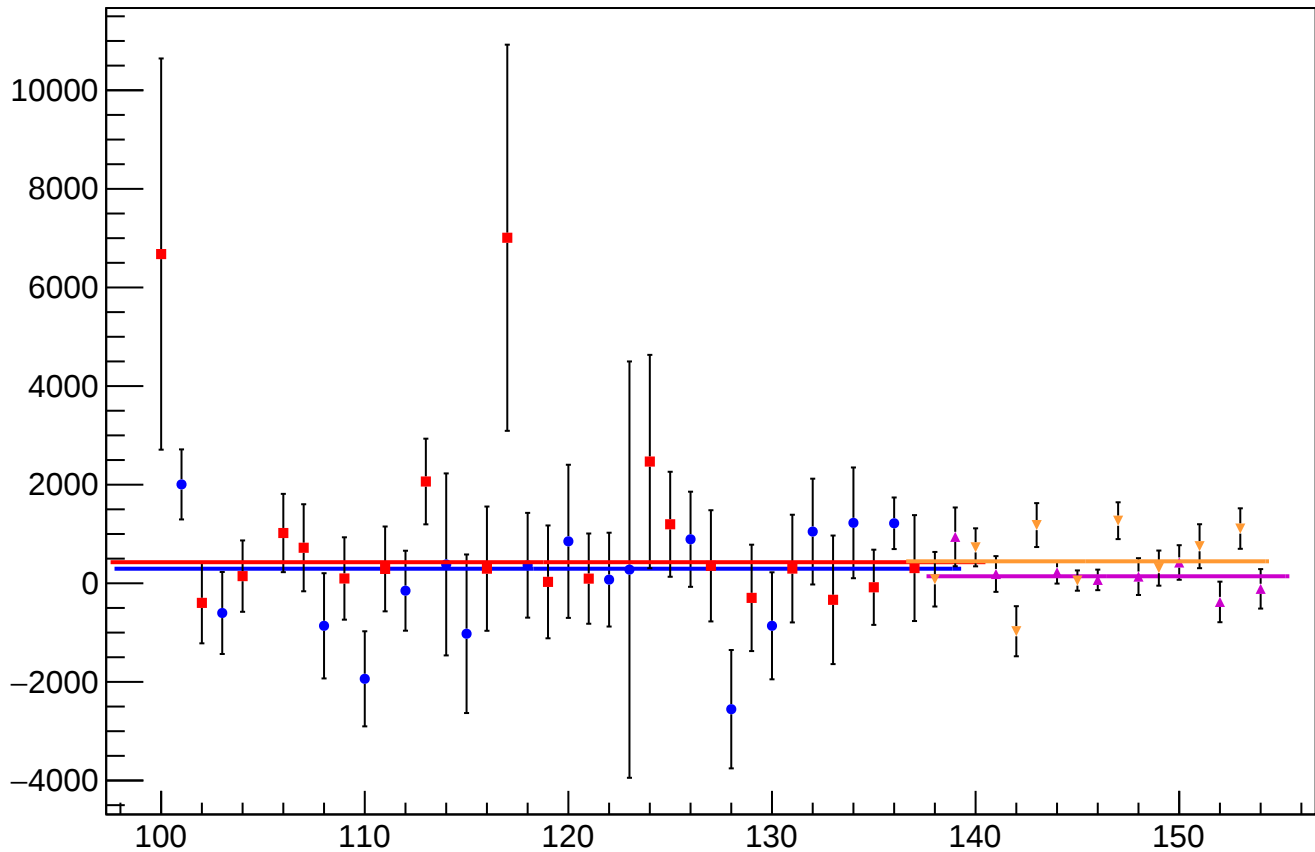
Right Out: 579.509+/-0.157 χ^2/NDF : 501132.1/19

Left In: 261.633+/-0.077 χ^2/NDF : 1325397.6/7

348.884+/-0.075 χ^2/NDF : 4216610.2/25

323.165+/-0.069 χ^2/NDF : 5134666.8/27

asym_sam_37_dd_mean vs Slug



Right In: 295.401 ± 235.860 χ^2/NDF : 26.1/16

Left Out: 445.800 ± 120.770 χ^2/NDF : 23.2/8

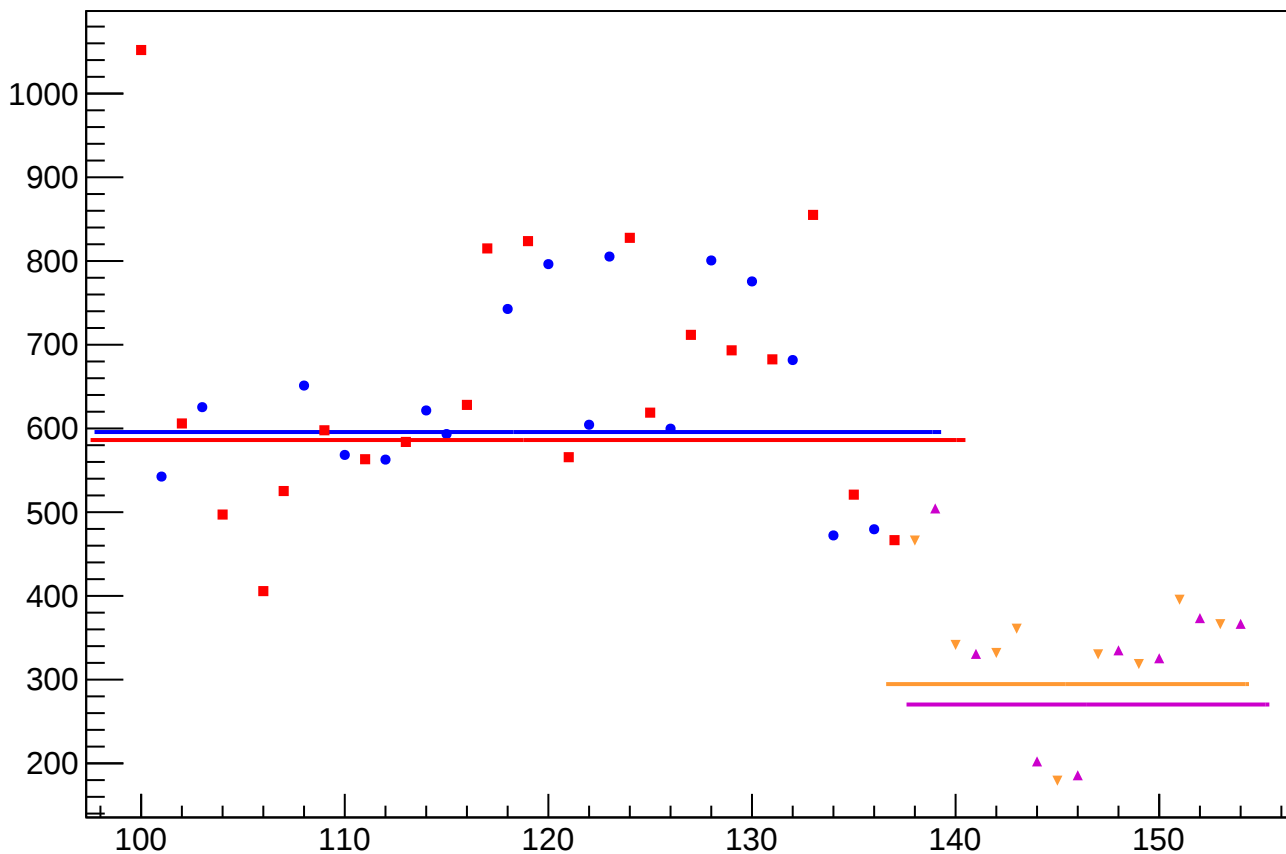
Right Out: 427.853 ± 224.485 χ^2/NDF : 13.8/19

Left In: 142.445 ± 111.769 χ^2/NDF : 4.7/7

414.559 ± 107.497 χ^2/NDF : 49.6/25

199.141 ± 100.053 χ^2/NDF : 19.8/27

asym_sam_37_dd_rms vs Slug



Right In: 595.734 $\pm$ 0.167 χ^2 /NDF: 350058.2/16

Left Out: 294.666 $\pm$ 0.085 χ^2 /NDF:1095448.2/8

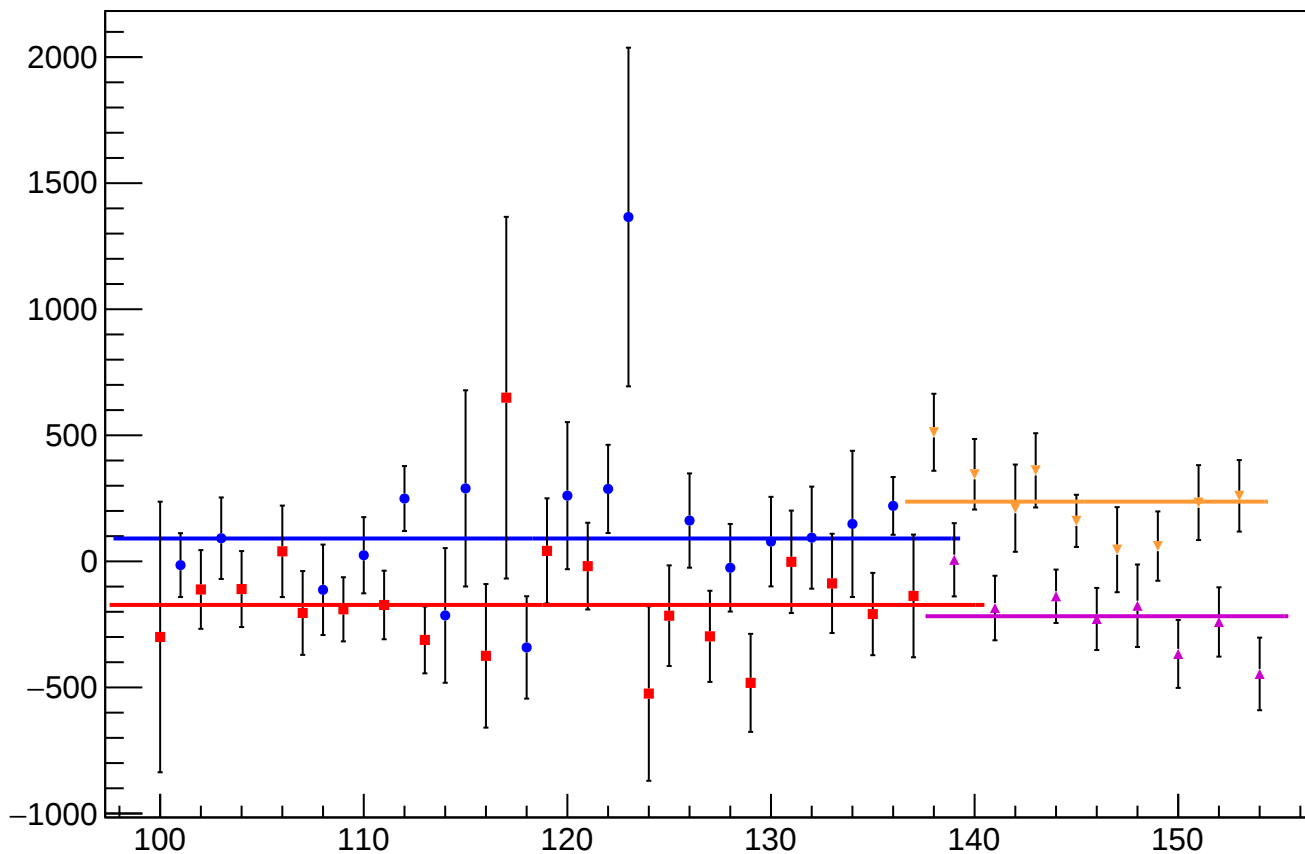
Right Out: 586.176 $\pm$ 0.159 χ^2 /NDF: 481325.4/19

Left In: 270.273 $\pm$ 0.079 χ^2 /NDF:1221855.8/7

357.204 $\pm$ 0.076 χ^2 /NDF: 4027330.1/25

333.027 $\pm$ 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: 236.969+/-47.145 χ^2/NDF : 8.1/8

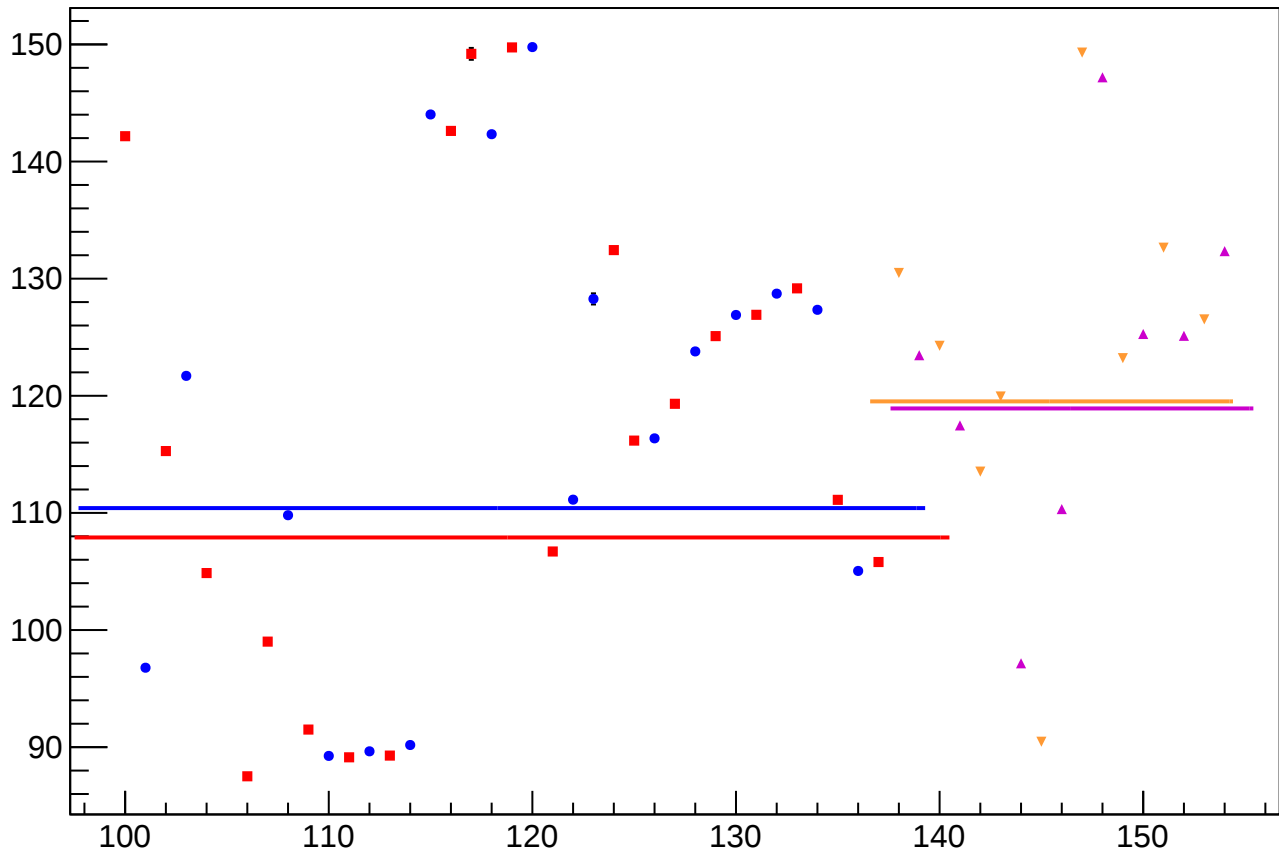
Right Out: -172.786+/-41.033 χ^2/NDF : 11.6/19

Left In: -217.537+/-46.771 χ^2/NDF : 6.9/7

157.654+/-31.895 χ^2/NDF : 30.2/25

-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: 119.522 ± 0.033 χ^2/NDF : 257020.0/8

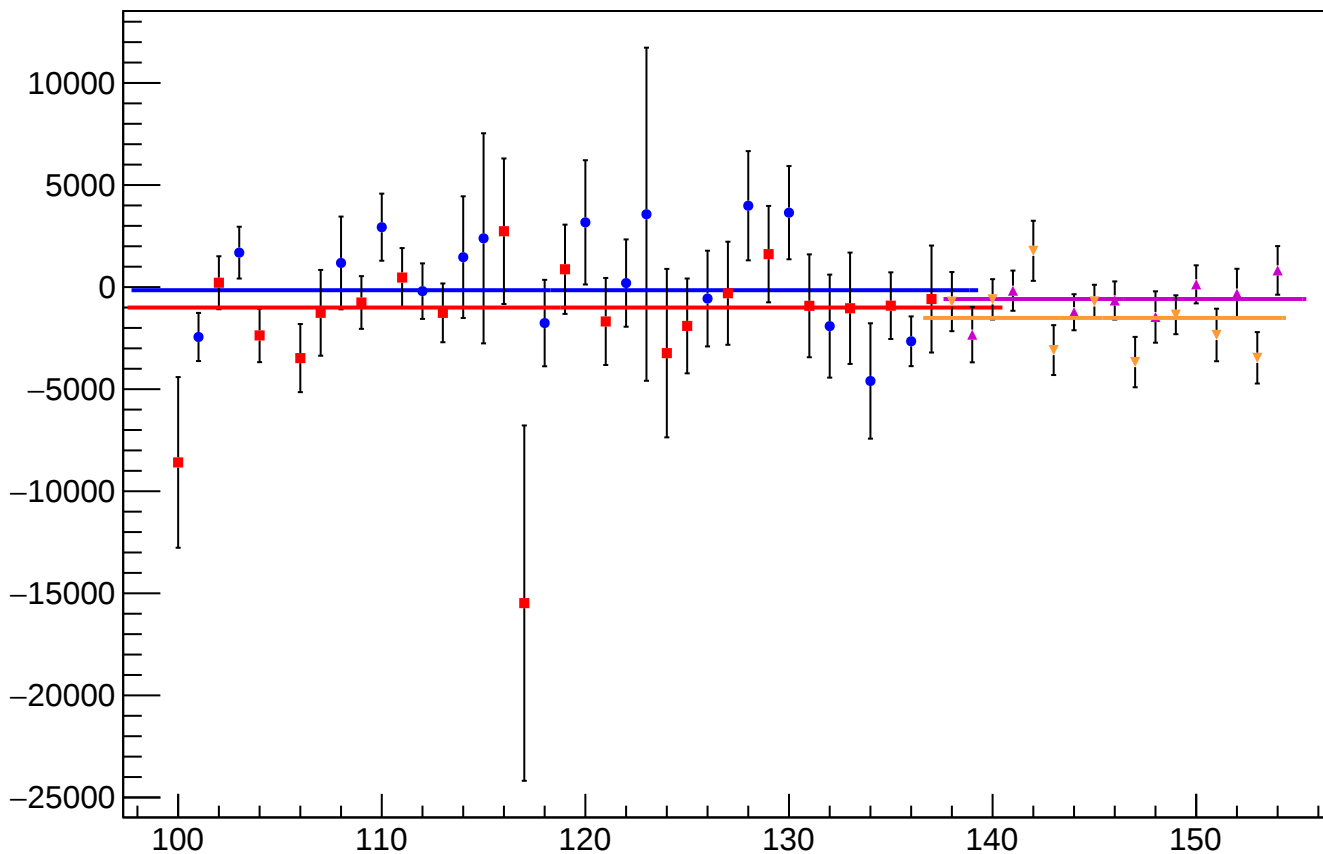
Right Out: 107.903 ± 0.029 χ^2/NDF : 351091.4/19

Left In: 118.919 ± 0.033 χ^2/NDF : 182028.7/7

114.581 ± 0.023 χ^2/NDF : 593947.9/25

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: -1510.142 ± 374.666 χ^2/NDF : 14.7/8

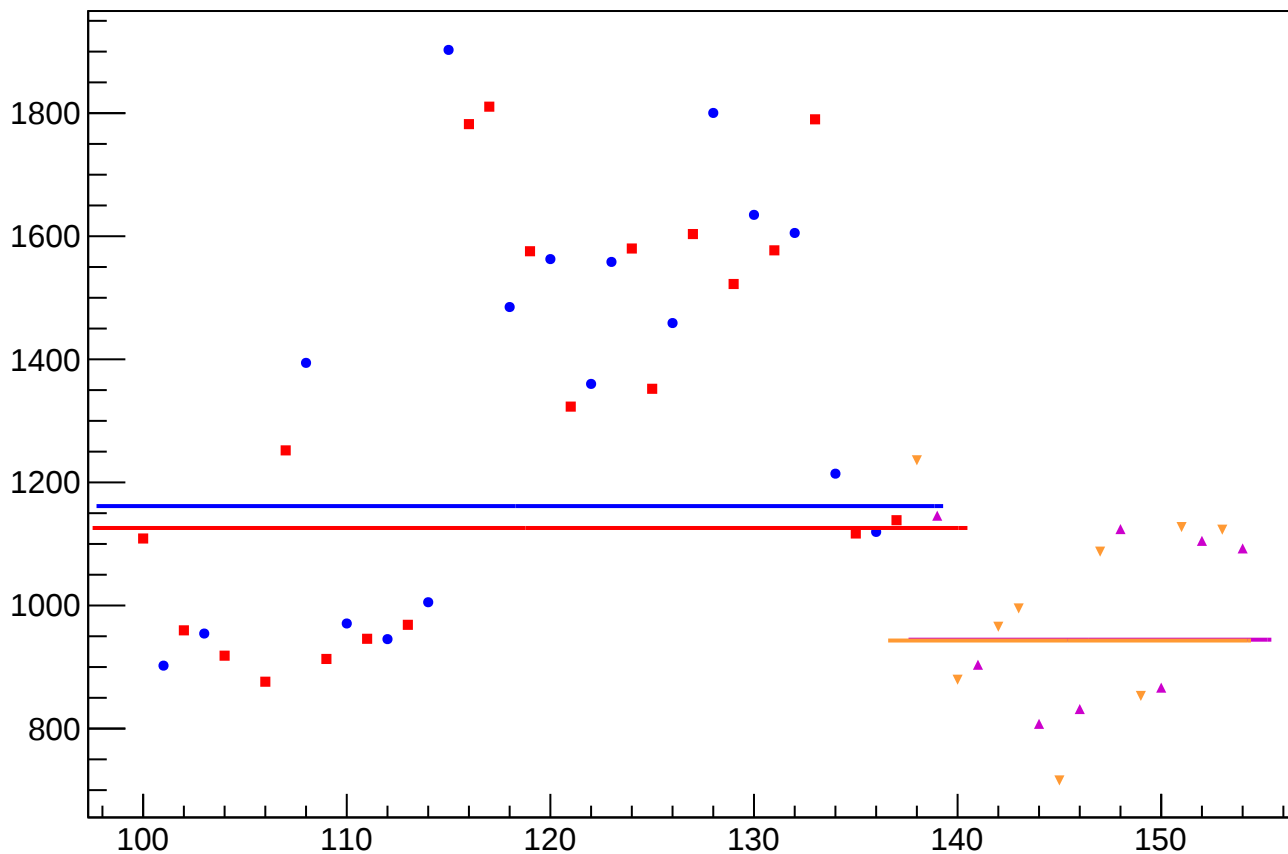
Right Out: -1000.907 ± 434.569 χ^2/NDF : 15.1/19

Left In: -583.608 ± 373.536 χ^2/NDF : 4.9/7

-975.326 ± 291.686 χ^2/NDF : 44.5/25

-760.919 ± 283.272 χ^2/NDF : 20.5/27

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.530 $\pm$ 0.329 χ^2 /NDF: 695906.9/16

Left Out: 943.089 $\pm$ 0.265 χ^2 /NDF: 375984.1/8

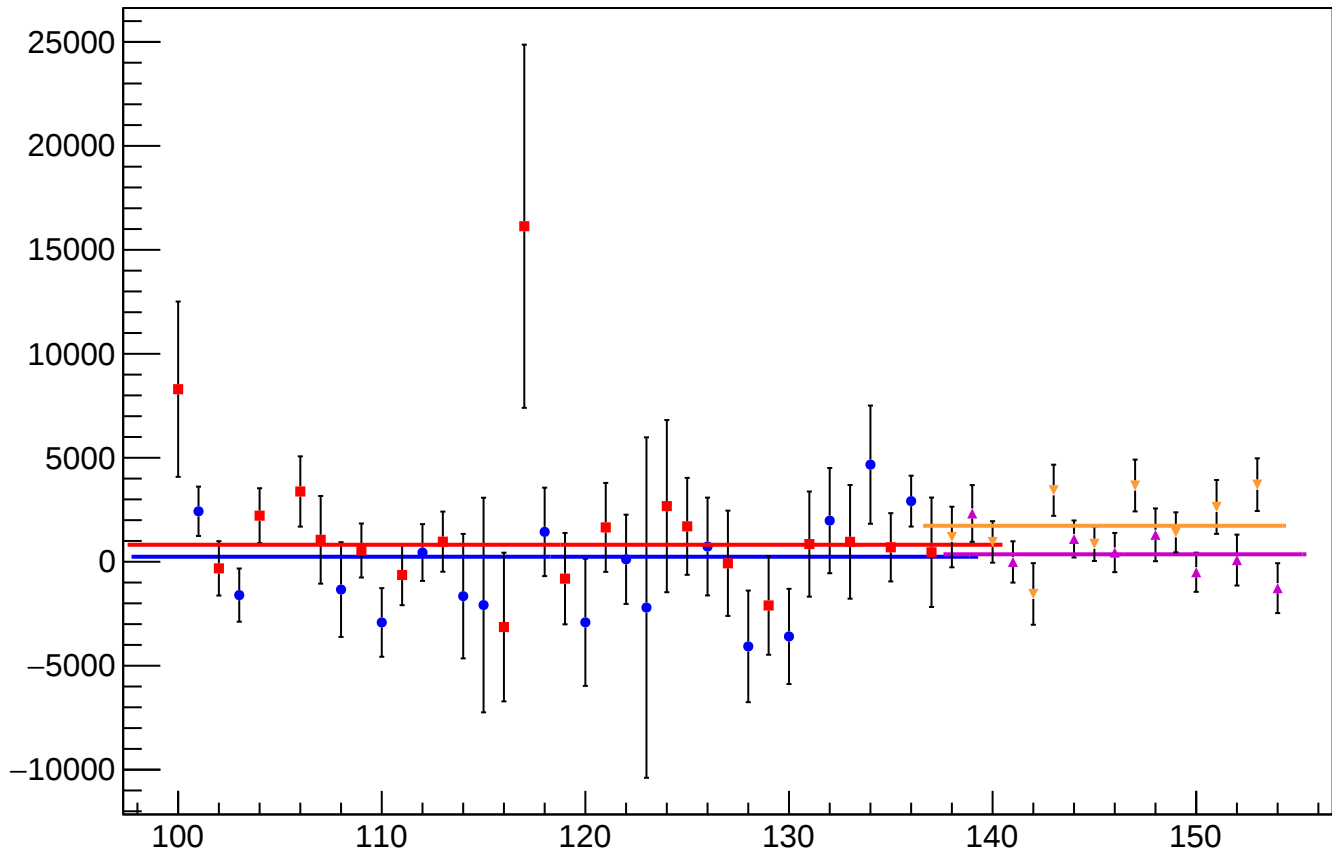
Right Out: 1125.946 $\pm$ 0.307 χ^2 /NDF: 780195.3/19

Left In: 944.448 $\pm$ 0.264 χ^2 /NDF: 245260.5/7

1029.133 $\pm$ 0.206 χ^2 /NDF: 1339684.8/25

1021.567 $\pm$ 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: 1730.390 $\pm$ 377.796 χ^2 /NDF:14.1/8

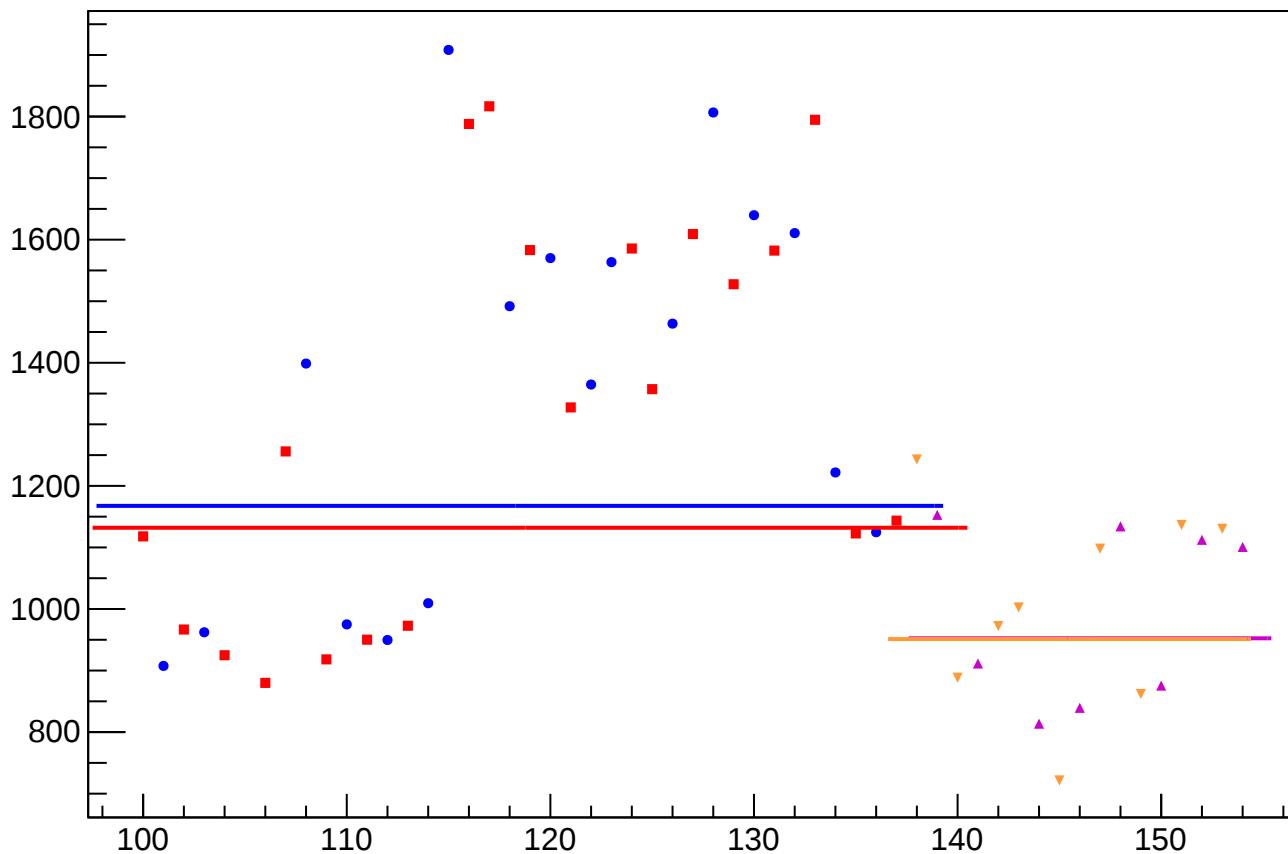
Right Out: 817.635 $\pm$ 436.939 χ^2 /NDF: 15.4/19

Left In: 358.346 $\pm$ 376.610 χ^2 /NDF:6.2/7

1141.178 $\pm$ 293.726 χ^2 /NDF: 45.1/25

554.118 $\pm$ 285.268 χ^2 /NDF: 22.2/27

asym_sam_48_dd_rms vs Slug



Right In: 1167.539+/-0.330 χ^2/NDF : 690485.6/16

Left Out: 951.154+/-0.267 χ^2/NDF : 373201.9/8

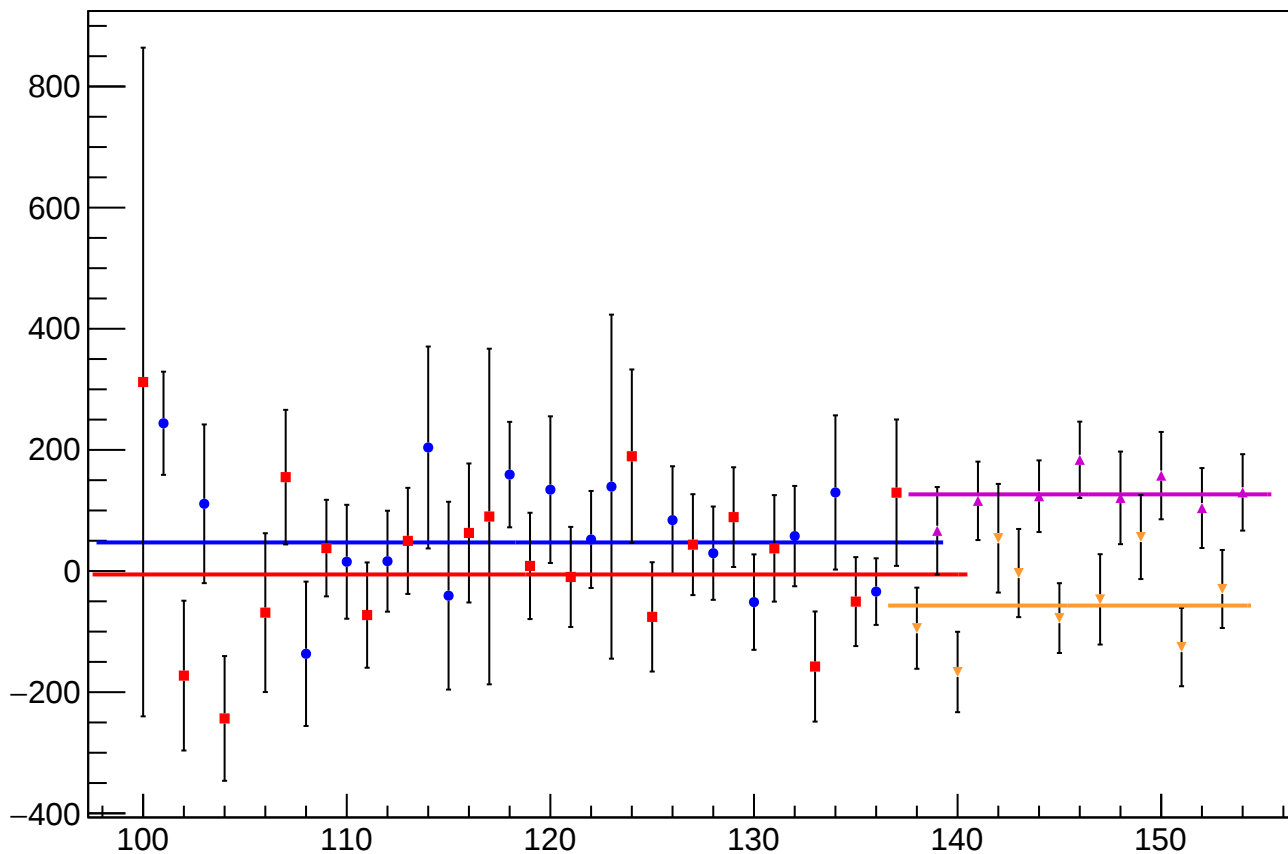
Right Out: 1132.019+/-0.309 χ^2/NDF : 773827.8/19

Left In: 952.385+/-0.266 χ^2/NDF : 243110.0/7

1036.742+/-0.208 χ^2/NDF : 1323197.2/25

1028.954+/-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: -57.001 $\pm$ 22.757 χ^2/NDF : 9.2/8

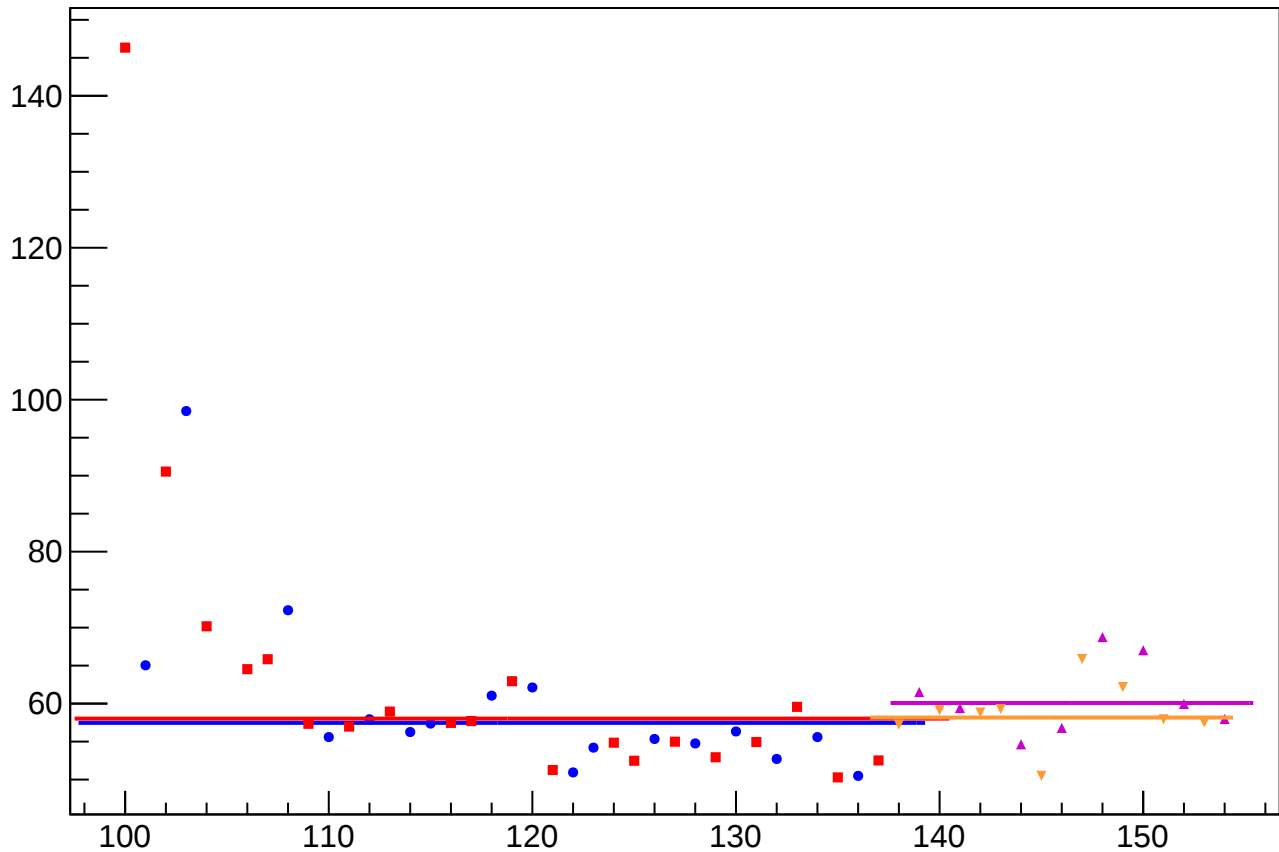
Right Out: -5.636 $\pm$ 22.057 χ^2/NDF : 20.4/19

Left In: 126.582 $\pm$ 23.494 χ^2/NDF : 1.9/7

-4.448 $\pm$ 16.023 χ^2/NDF : 35.9/25

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: 58.164+/-0.016 χ^2 /NDF: 65036.1/8

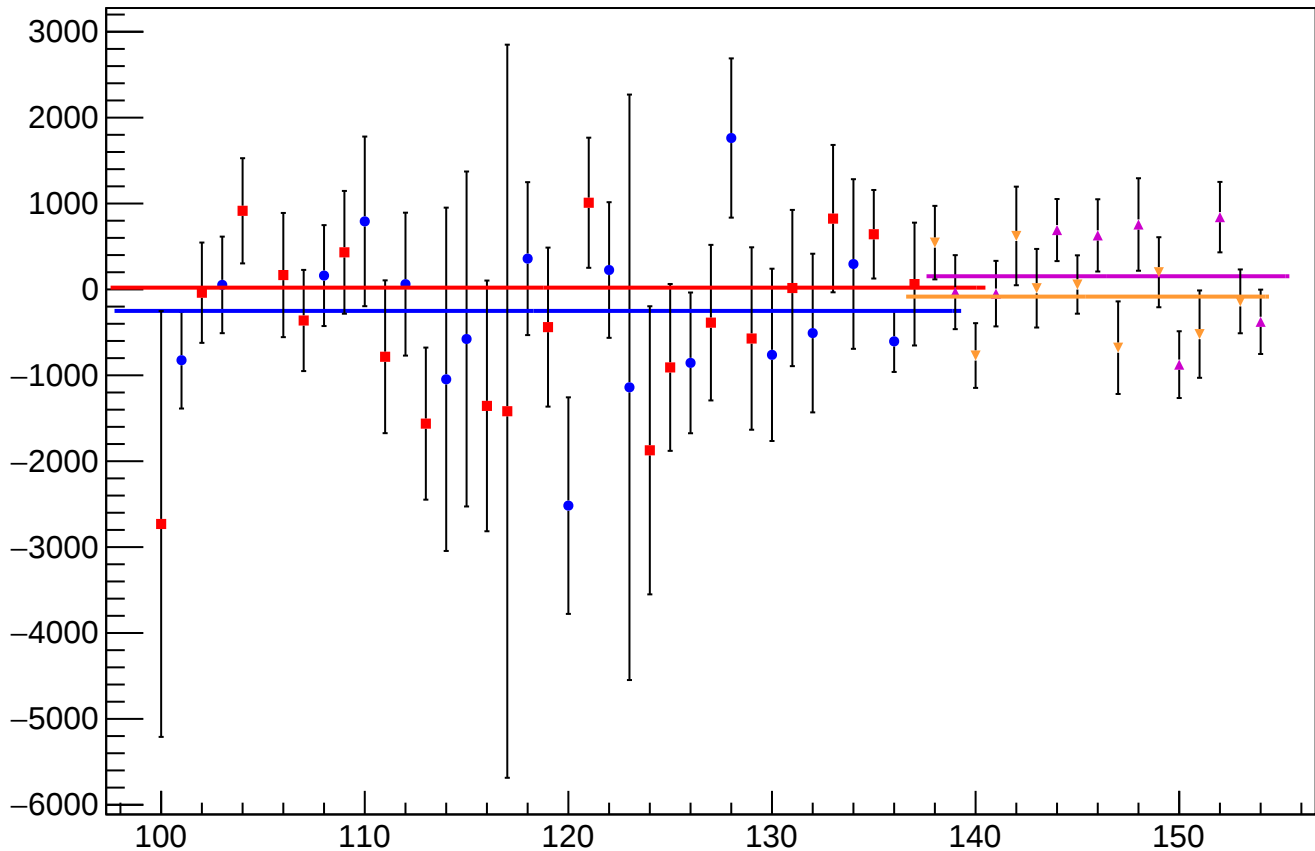
Right Out: 58.025+/-0.016 χ^2 /NDF: 300790.9/19

Left In: 60.081+/-0.017 χ^2 /NDF: 69921.7/7

57.812+/-0.011 χ^2 /NDF: 373141.9/25

58.988+/-0.011 χ^2 /NDF: 378855.5/27

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -250.140 $\pm$ 184.092 χ^2 /NDF: 14.3/16

Left Out: -83.648 $\pm$ 142.058 χ^2 /NDF: 9.7/8

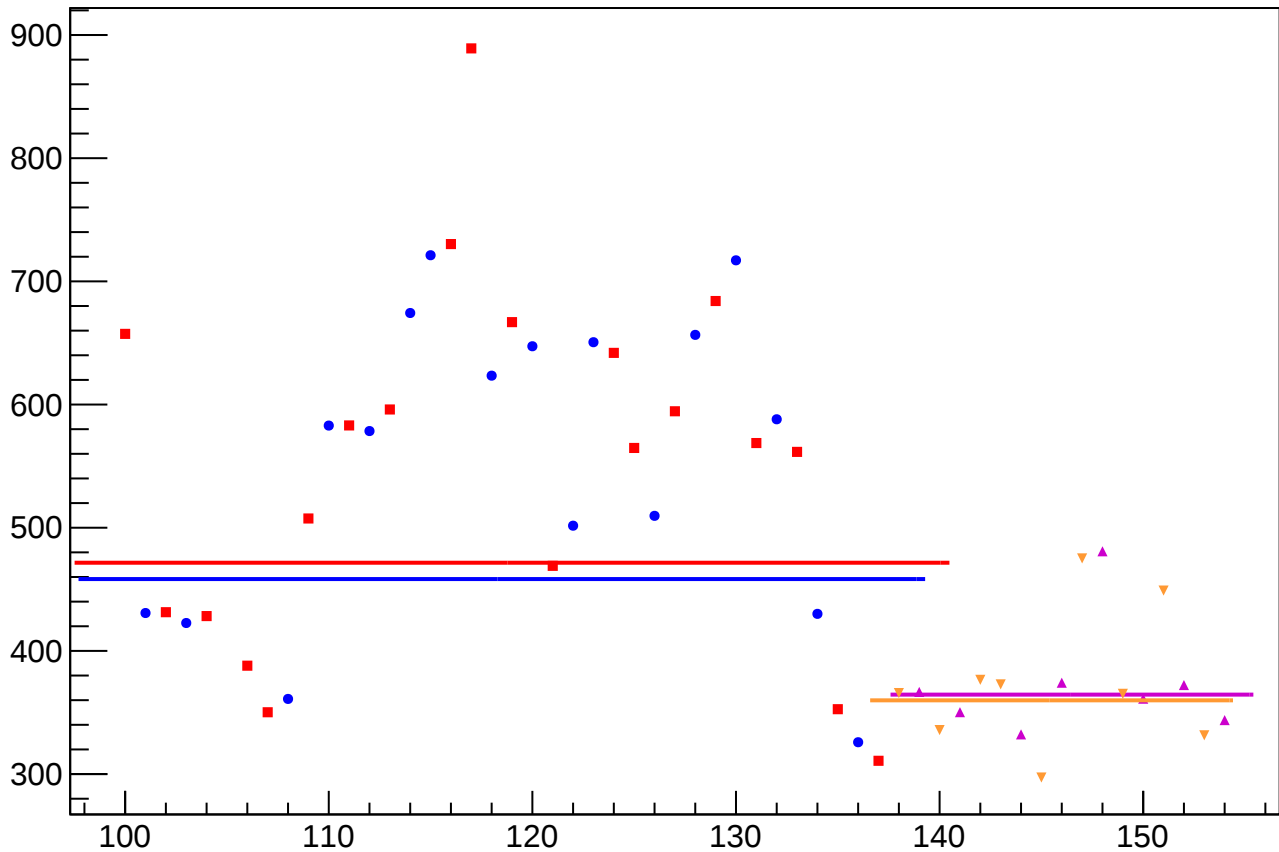
Right Out: 20.701 $\pm$ 181.669 χ^2 /NDF: 16.2/19

Left In: 153.368 $\pm$ 143.277 χ^2 /NDF: 17.0/7

-145.787 $\pm$ 112.466 χ^2 /NDF: 24.5/25

102.493 $\pm$ 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: 359.867+/-0.100 χ^2/NDF : 244716.9/8

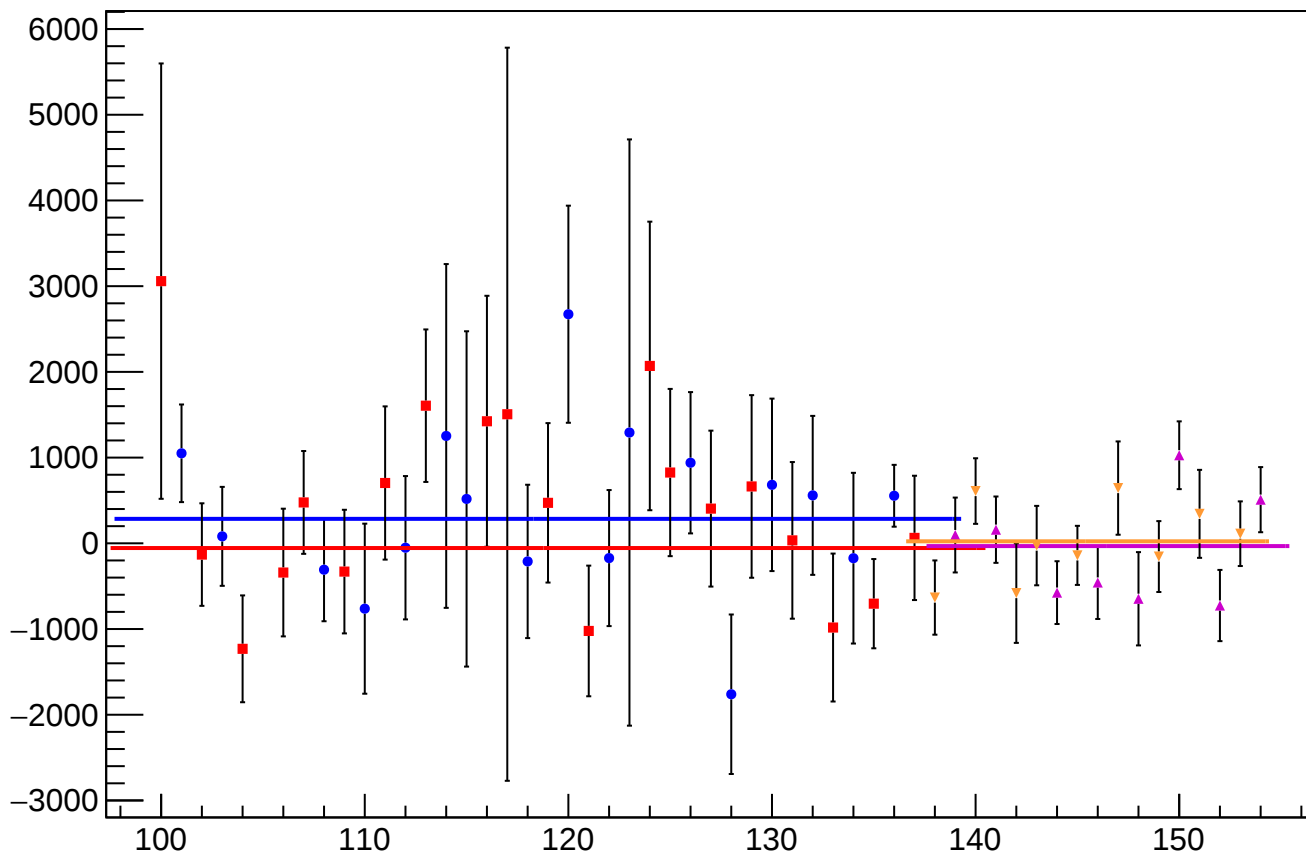
Right Out: 471.585+/-0.128 χ^2/NDF : 797816.0/19

Left In: 364.506+/-0.101 χ^2/NDF : 120212.4/7

396.614+/-0.080 χ^2/NDF : 1480481.6/25

405.568+/-0.080 χ^2/NDF : 1346407.7/27

asym_sam_13_57_dd_mean vs Slug



Right In: 285.349 $\pm$ 186.262 χ^2/NDF : 15.2/16

Left Out: 23.334 $\pm$ 143.969 χ^2/NDF : 7.9/8

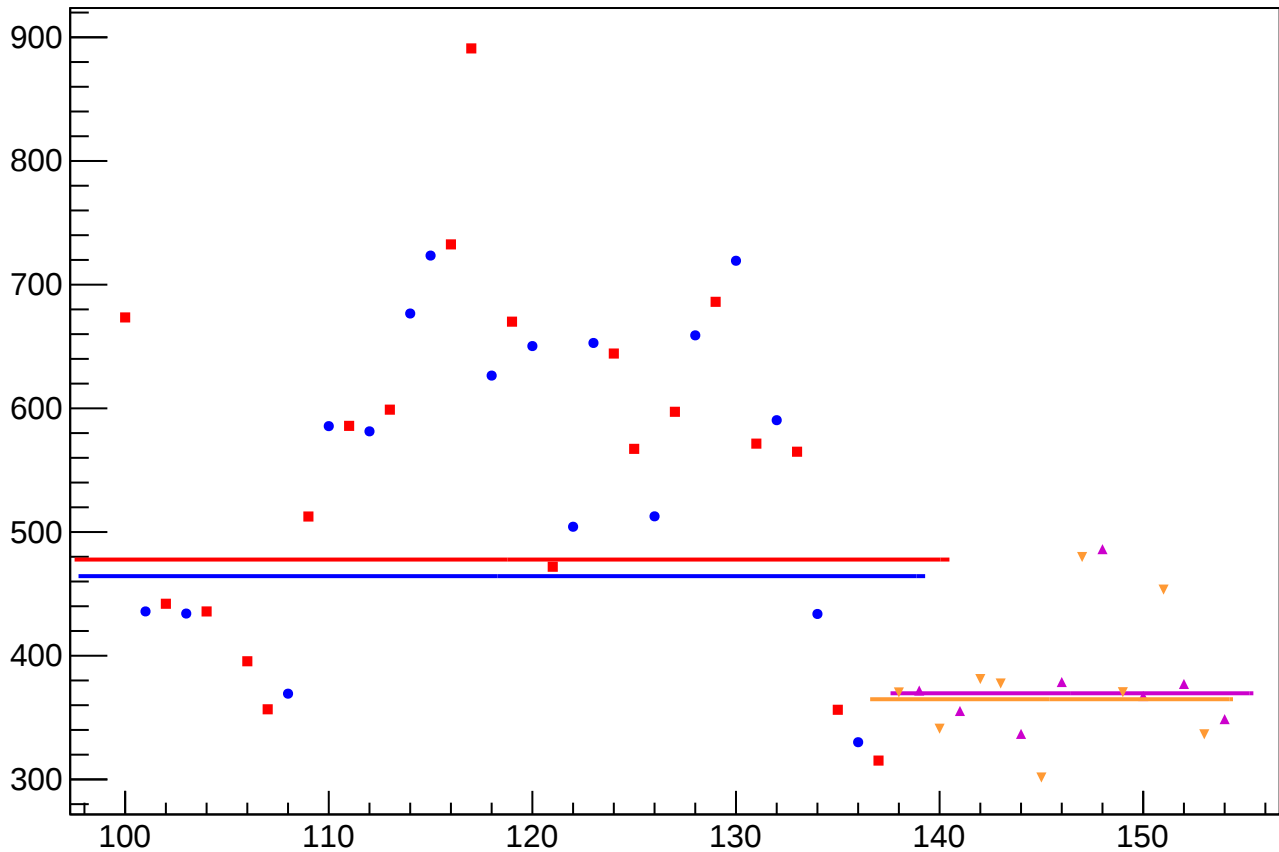
Right Out: -55.109 $\pm$ 183.903 χ^2/NDF : 19.3/19

Left In: -32.373 $\pm$ 145.264 χ^2/NDF : 16.8/7

121.326 $\pm$ 113.909 χ^2/NDF : 24.3/25

-41.109 $\pm$ 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: 364.825+/-0.102 χ^2/NDF :239151.9/8

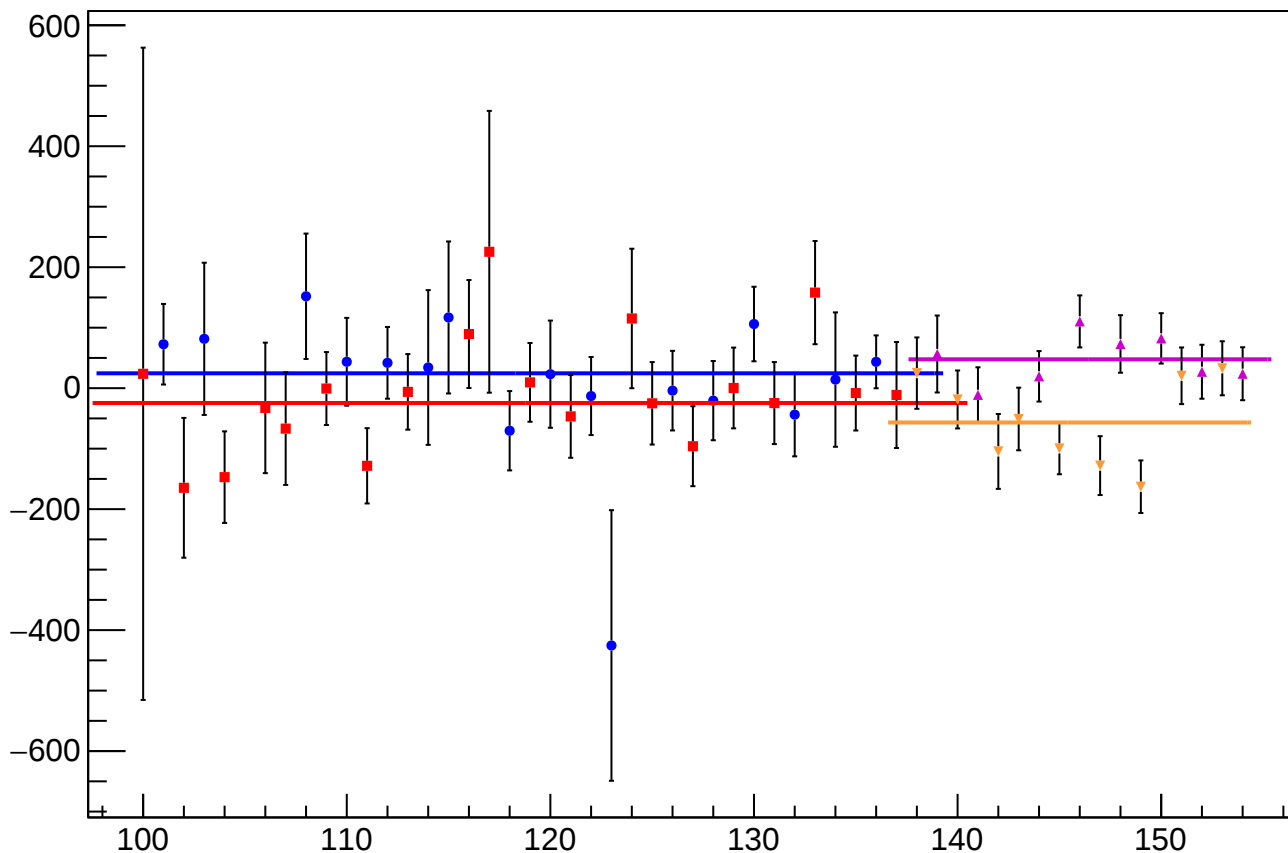
Right Out: 477.754+/-0.130 χ^2/NDF : 768041.0/19

Left In: 369.636+/-0.103 χ^2/NDF :118231.2/7

402.043+/-0.081 χ^2/NDF : 1442443.0/25

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: -56.716+/-16.193 χ^2/NDF : 19.0/8

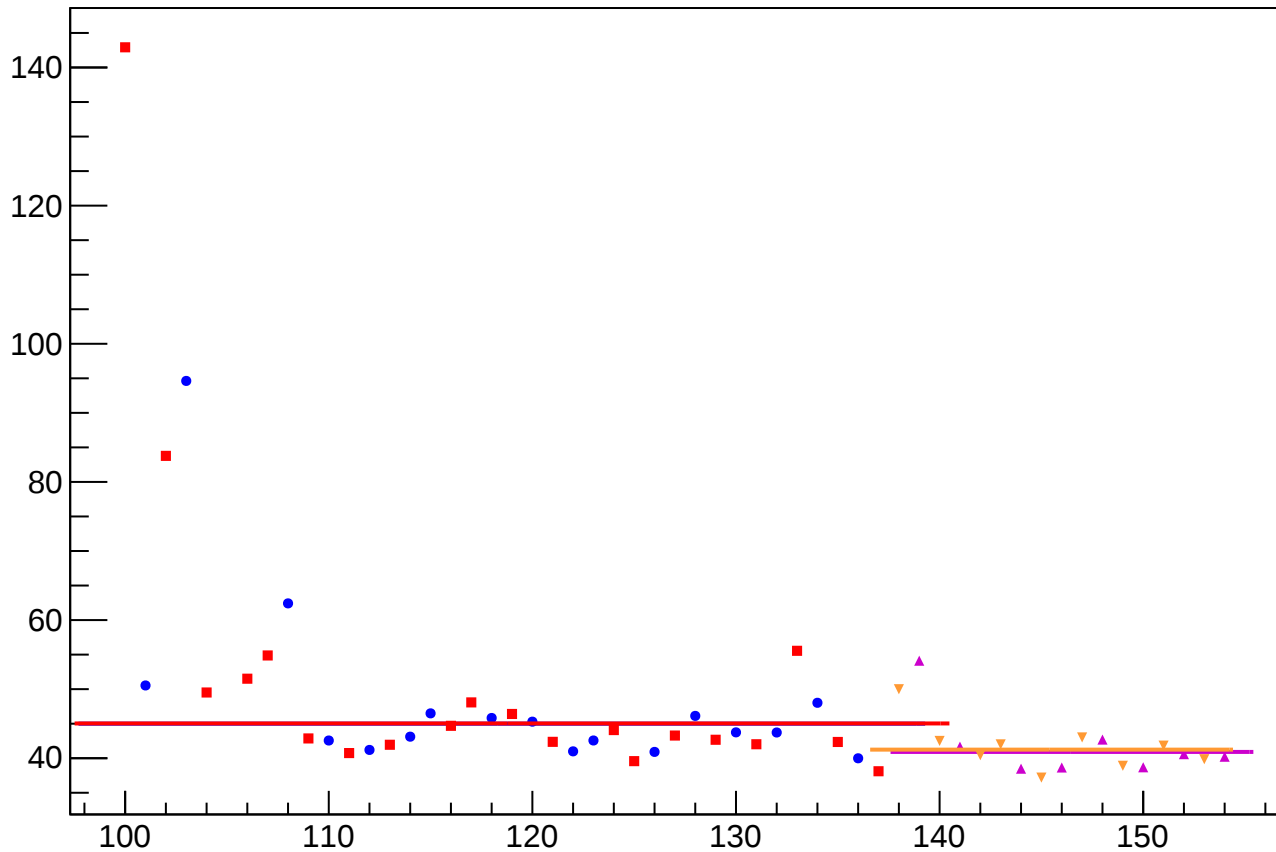
Right Out: -24.491+/-17.338 χ^2/NDF : 18.0/19

Left In: 47.722+/-16.041 χ^2/NDF : 5.7/7

-19.990+/-11.990 χ^2/NDF : 43.4/25

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: 41.244 $\pm$ 0.011 χ^2 /NDF: 74673.9/8

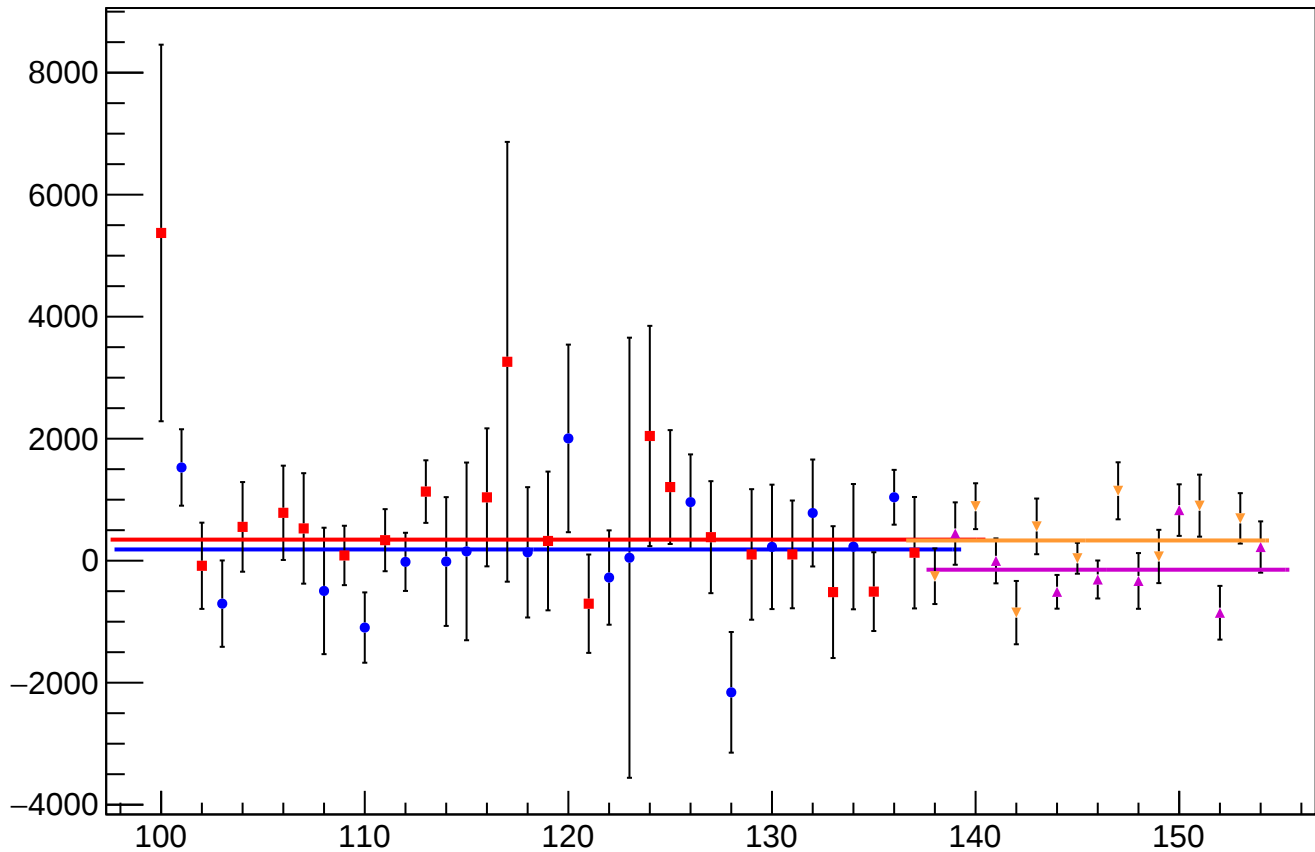
Right Out: 45.034 $\pm$ 0.012 χ^2 /NDF: 415853.3/19

Left In: 40.913 $\pm$ 0.011 χ^2 /NDF: 108142.5/7

42.941 $\pm$ 0.008 χ^2 /NDF: 561661.5/25

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: 331.564 ± 134.169 χ^2/NDF : 16.1/8

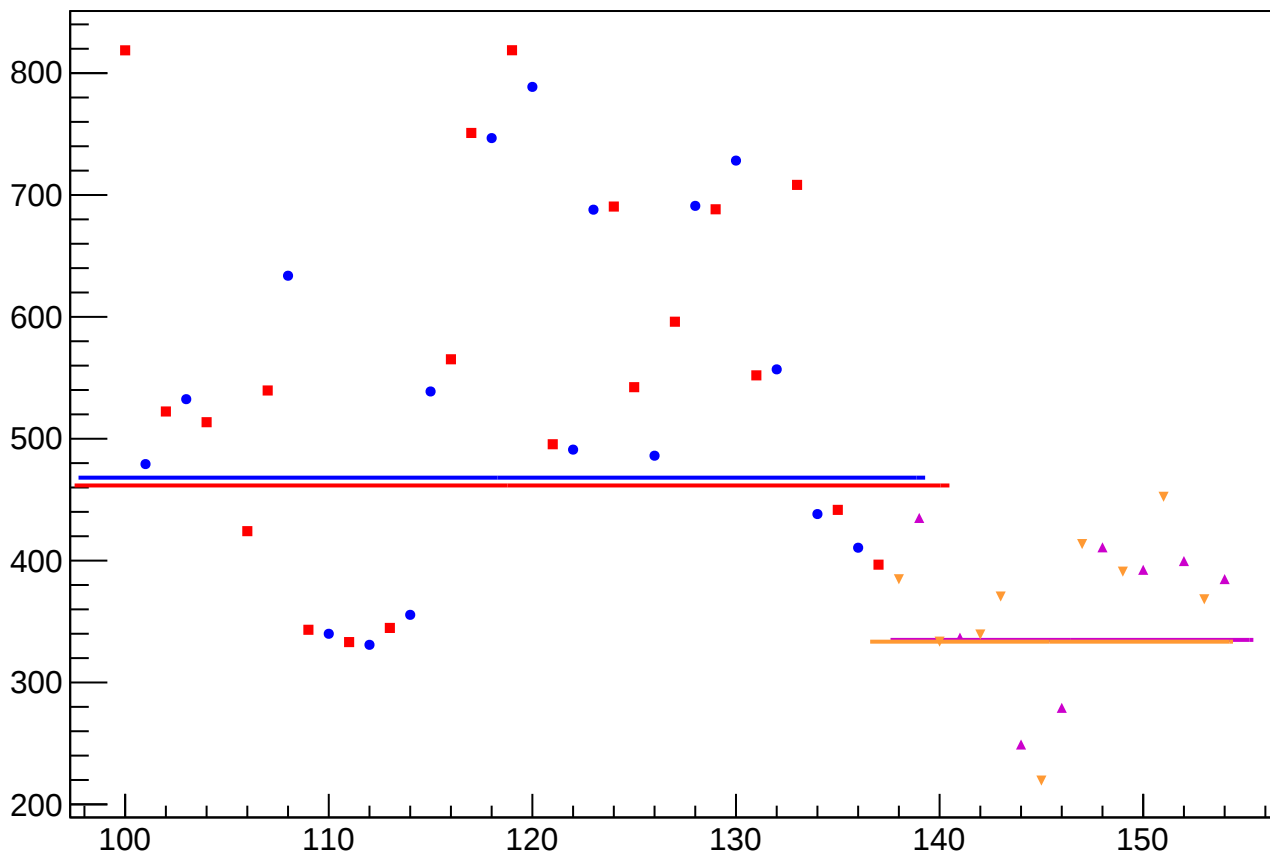
Right Out: 345.548 ± 179.160 χ^2/NDF : 13.1/19

Left In: -147.885 ± 133.853 χ^2/NDF : 12.3/7

282.026 ± 109.319 χ^2/NDF : 40.7/25

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: 333.495+/-0.095 χ^2/NDF : 660852.8/8

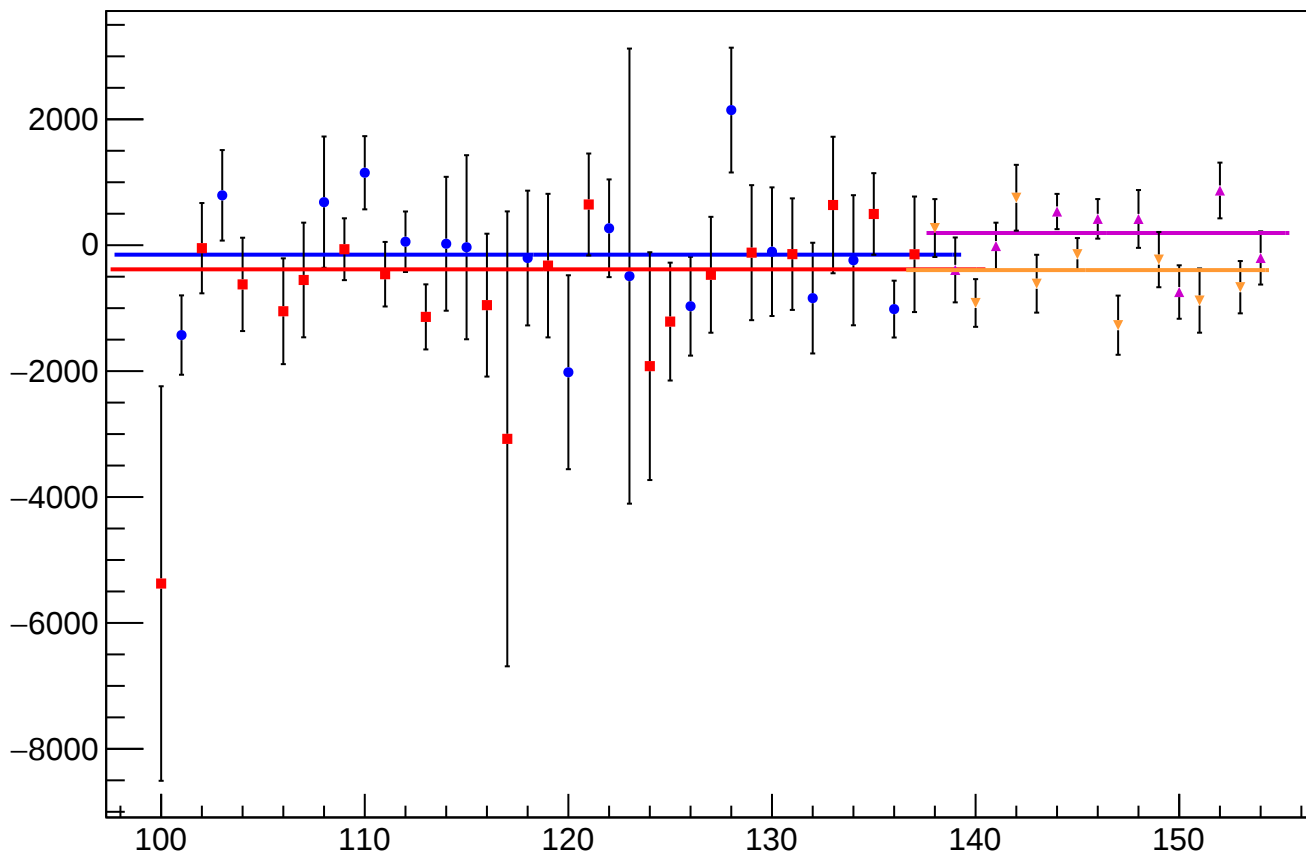
Right Out: 461.656+/-0.127 χ^2/NDF : 967939.5/19

Left In: 334.951+/-0.095 χ^2/NDF : 497305.8/7

378.730+/-0.077 χ^2/NDF : 2217510.4/25

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: -395.345 ± 135.334 χ^2/NDF : 15.0/8

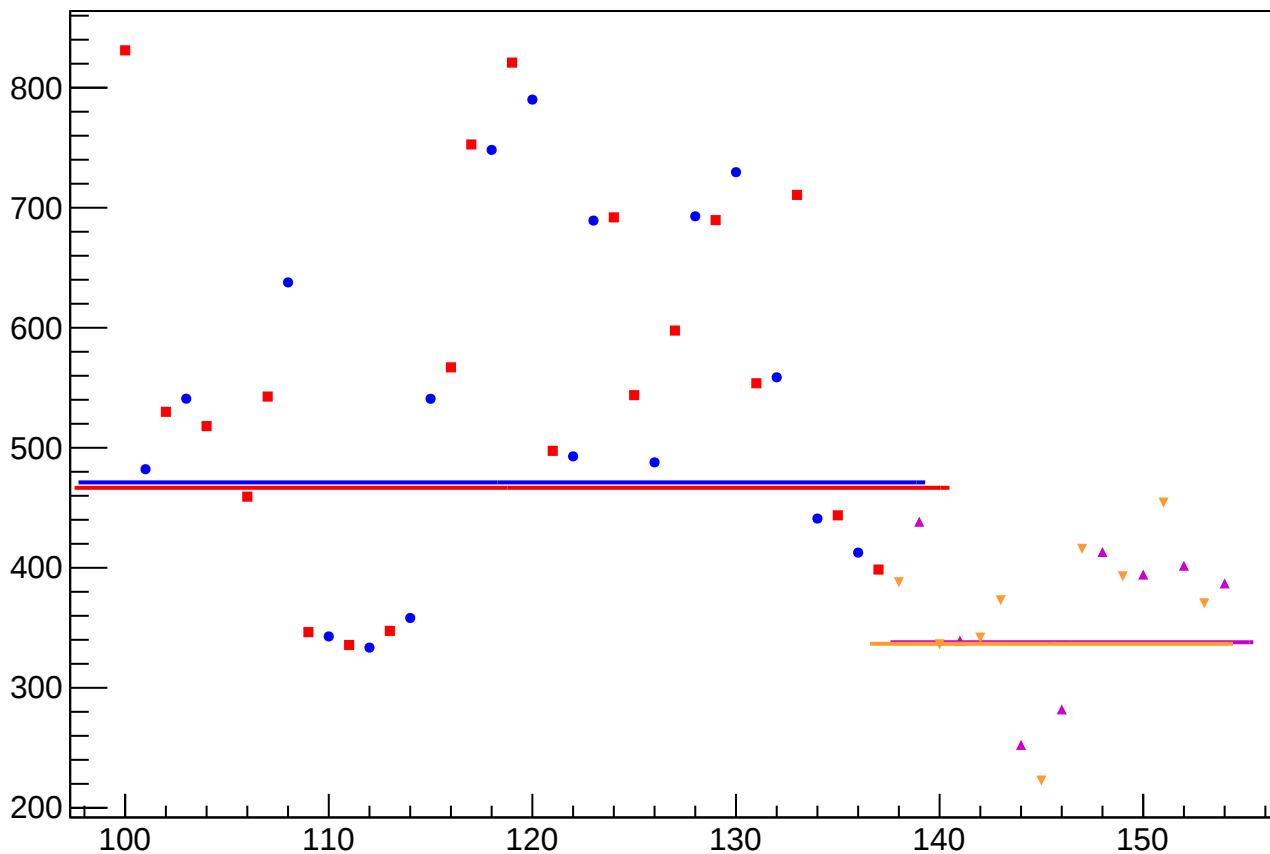
Right Out: -383.331 ± 181.030 χ^2/NDF : 13.0/19

Left In: 193.932 ± 134.970 χ^2/NDF : 11.9/7

-312.713 ± 110.177 χ^2/NDF : 40.3/25

-12.309 ± 108.206 χ^2/NDF : 31.4/27

asym_sam_15_37_dd_rms vs Slug



Right In: 471.156 $\pm$ 0.134 χ^2 /NDF: 871832.5/16

Left Out: 336.685 $\pm$ 0.096 χ^2 /NDF: 640220.8/8

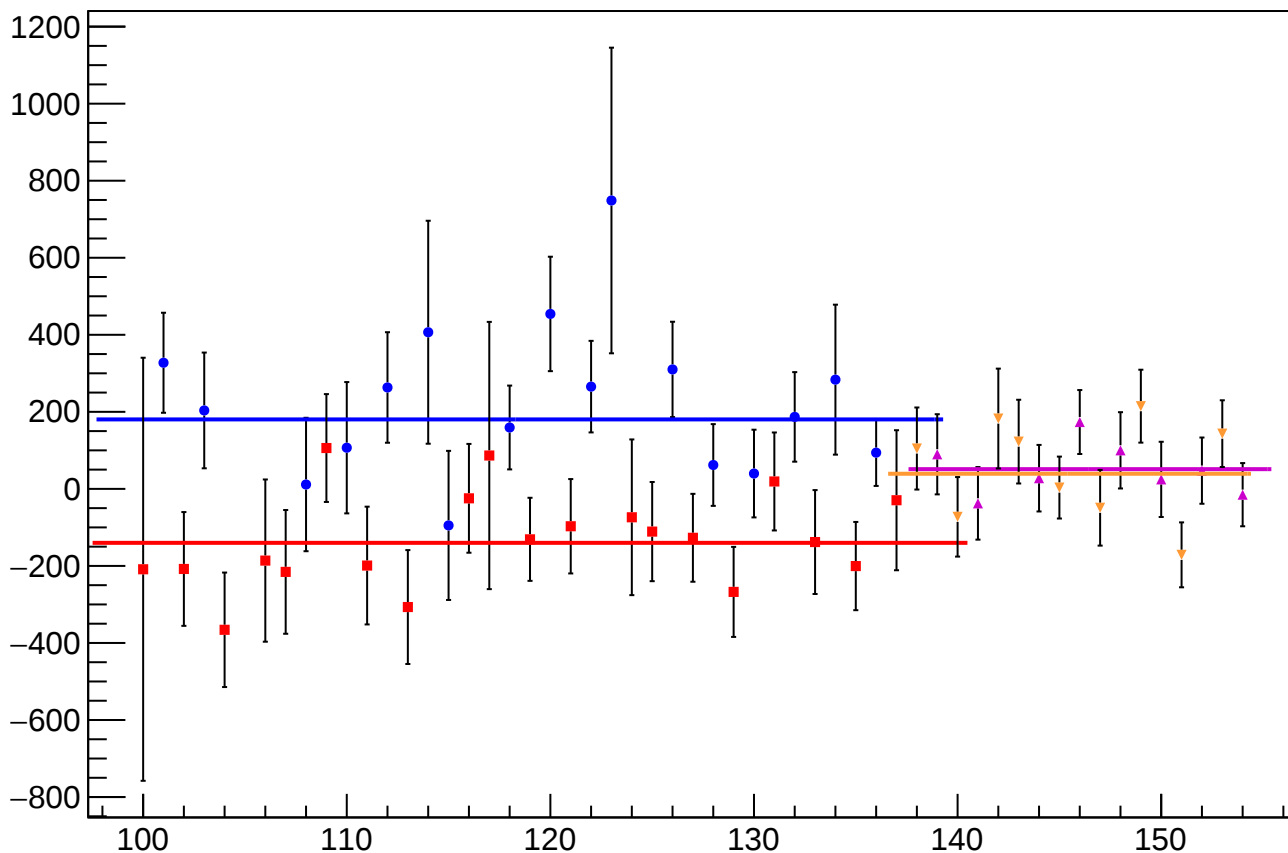
Right Out: 466.655 $\pm$ 0.128 χ^2 /NDF: 953088.6/19

Left In: 337.977 $\pm$ 0.095 χ^2 /NDF: 483335.5/7

382.032 $\pm$ 0.078 χ^2 /NDF: 2177921.5/25

383.951 $\pm$ 0.077 χ^2 /NDF: 2085898.6/27

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 180.326+/-32.769 χ^2/NDF : 16.6/16

Left Out: 39.280+/-32.102 χ^2/NDF :15.5/8

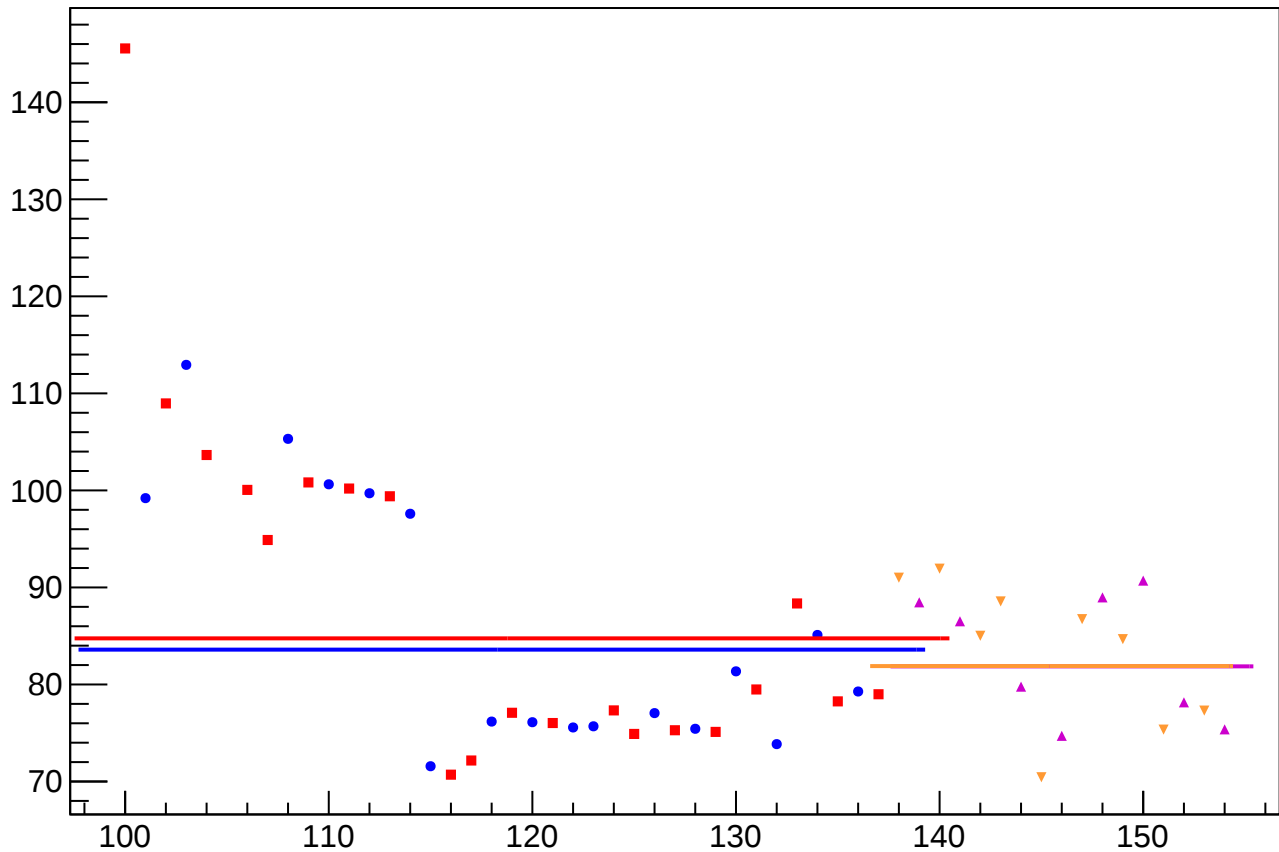
Right Out: -140.070+/-32.198 χ^2/NDF : 12.1/19

Left In: 51.209+/-32.028 χ^2/NDF :4.2/7

108.353+/-22.932 χ^2/NDF : 41.5/25

-43.922+/-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: 81.895+/-0.023 χ^2/NDF :107105.7/8

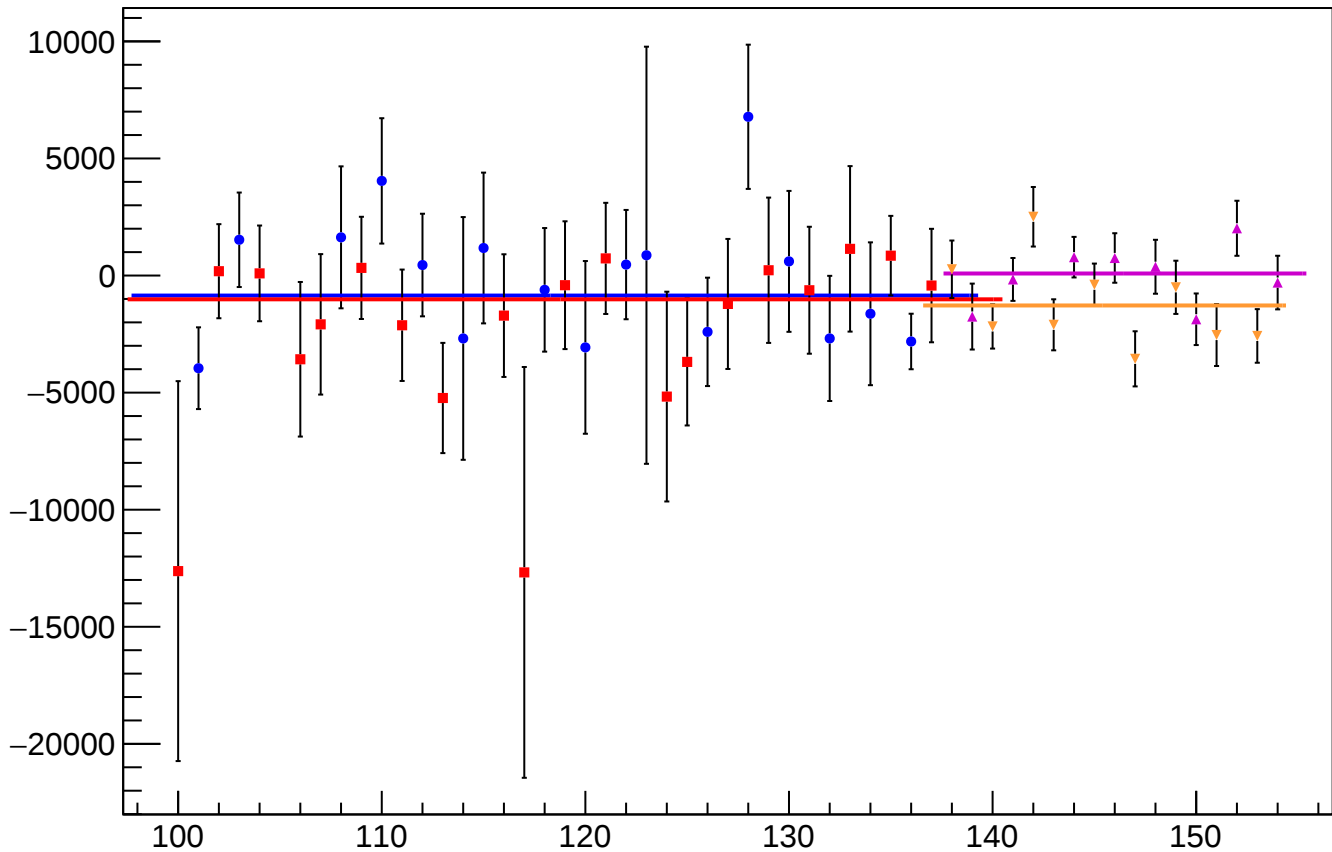
Right Out: 84.752+/-0.023 χ^2/NDF : 293262.6/19

Left In: 81.867+/-0.023 χ^2/NDF :71886.2/7

82.725+/-0.016 χ^2/NDF : 365761.0/25

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: -1277.889 ± 370.187 χ^2/NDF : 19.3/8

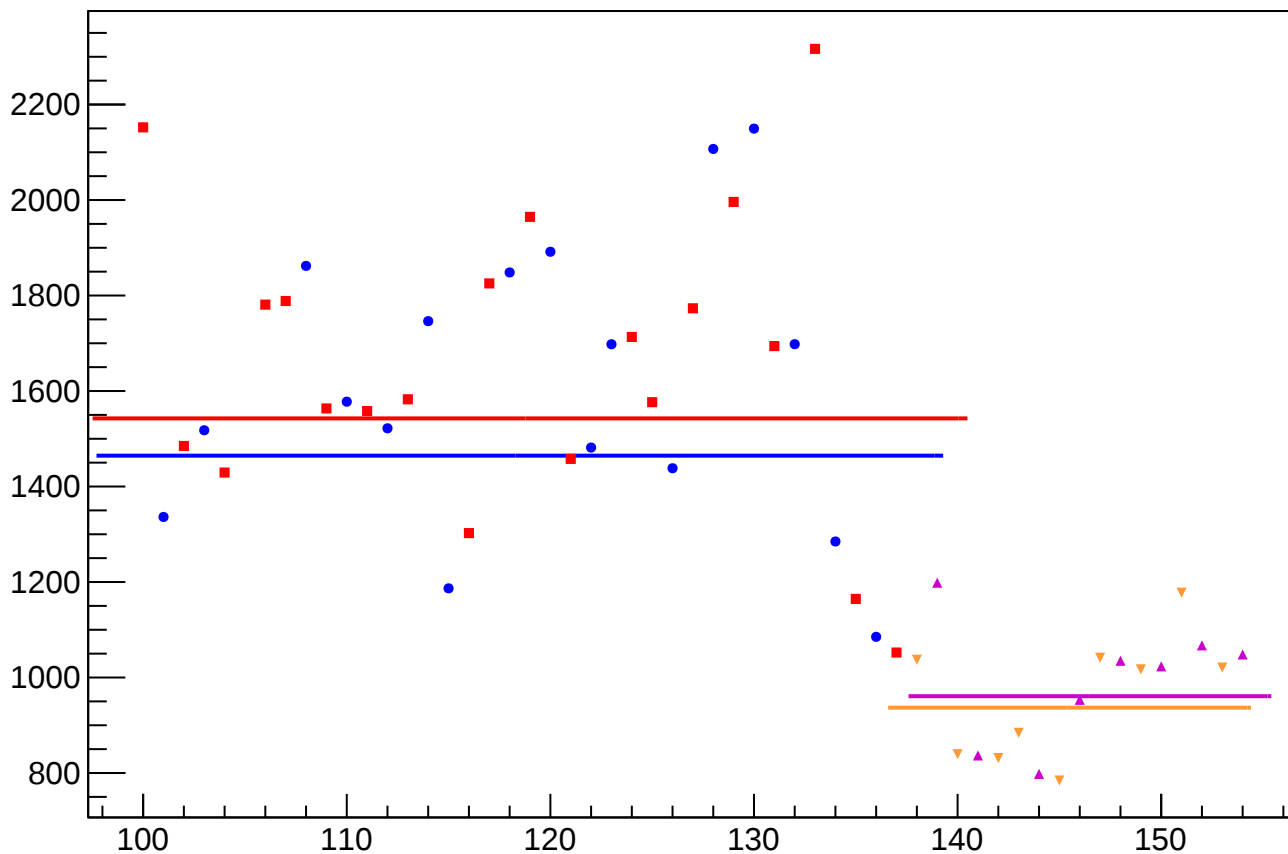
Right Out: -1015.523 ± 587.747 χ^2/NDF : 13.3/19

Left In: 87.324 ± 378.230 χ^2/NDF : 8.9/7

-1156.552 ± 312.554 χ^2/NDF : 40.0/25

-235.643 ± 318.062 χ^2/NDF : 24.6/27

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1464.636+/-0.412 χ^2/NDF : 560863.4/16

Left Out: 936.891+/-0.262 χ^2/NDF :212762.8/8

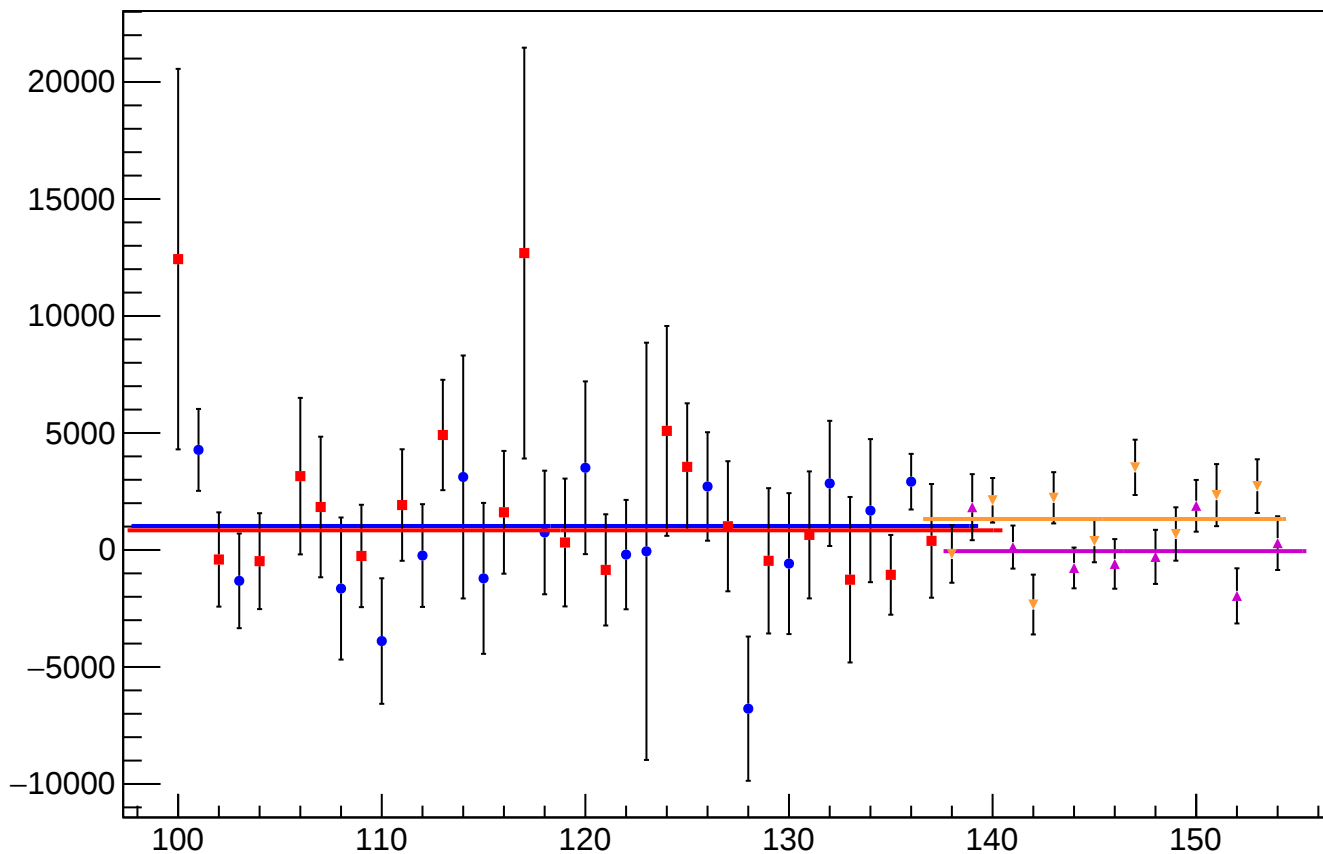
Right Out: 1542.663+/-0.416 χ^2/NDF : 455797.2/19

Left In: 960.838+/-0.267 χ^2/NDF :207193.2/7

1088.423+/-0.221 χ^2/NDF : 1940751.7/25

1131.225+/-0.225 χ^2/NDF : 2048933.5/27

asym_sam_24_68_dd_mean vs Slug



Right In: 1025.527+/-584.500 χ^2/NDF : 20.9/16

Left Out: 1325.041+/-371.761 χ^2/NDF : 18.0/8

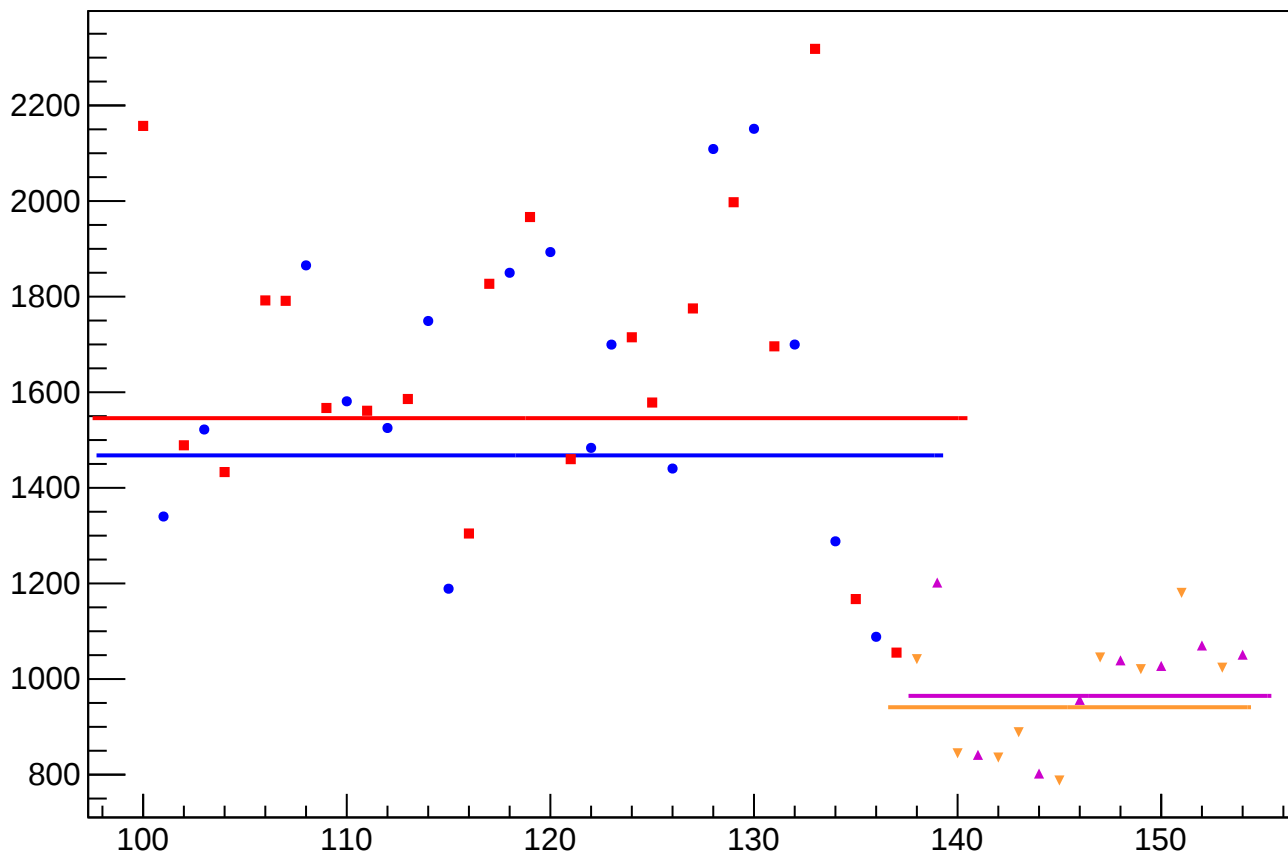
Right Out: 840.586+/-589.057 χ^2/NDF : 13.0/19

Left In: -49.623+/-379.734 χ^2/NDF : 8.6/7

1238.774+/-313.687 χ^2/NDF : 39.1/25

211.716+/-319.164 χ^2/NDF : 23.2/27

asym_sam_24_68_dd_rms vs Slug



Right In: 1467.905+/-0.413 χ^2/NDF : 557458.9/16

Left Out: 941.050+/-0.263 χ^2/NDF : 209770.7/8

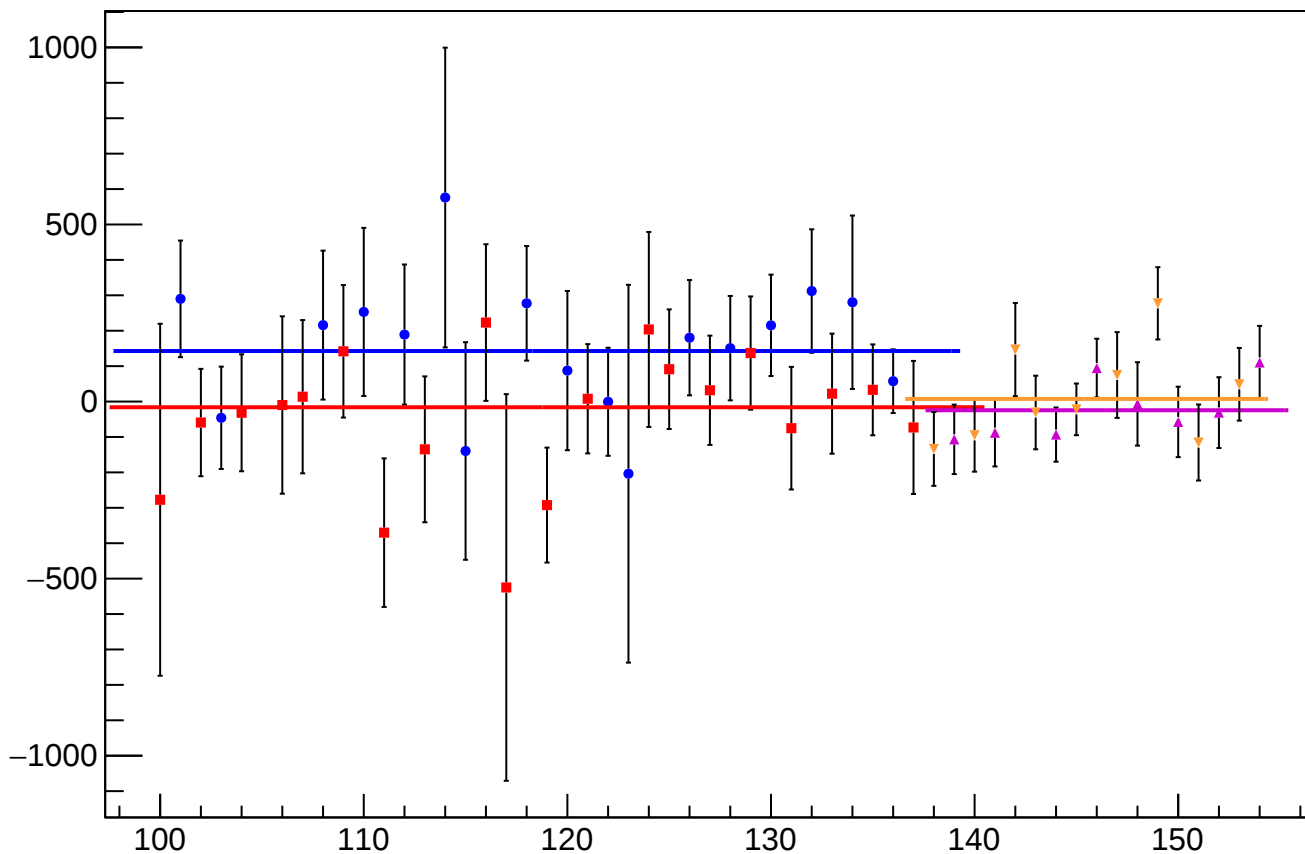
Right Out: 1545.785+/-0.417 χ^2/NDF : 453865.6/19

Left In: 964.809+/-0.269 χ^2/NDF : 204080.0/7

1092.796+/-0.222 χ^2/NDF : 1924170.5/25

1135.367+/-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: 7.419 $\pm$ 33.881 χ^2 /NDF:13.0/8

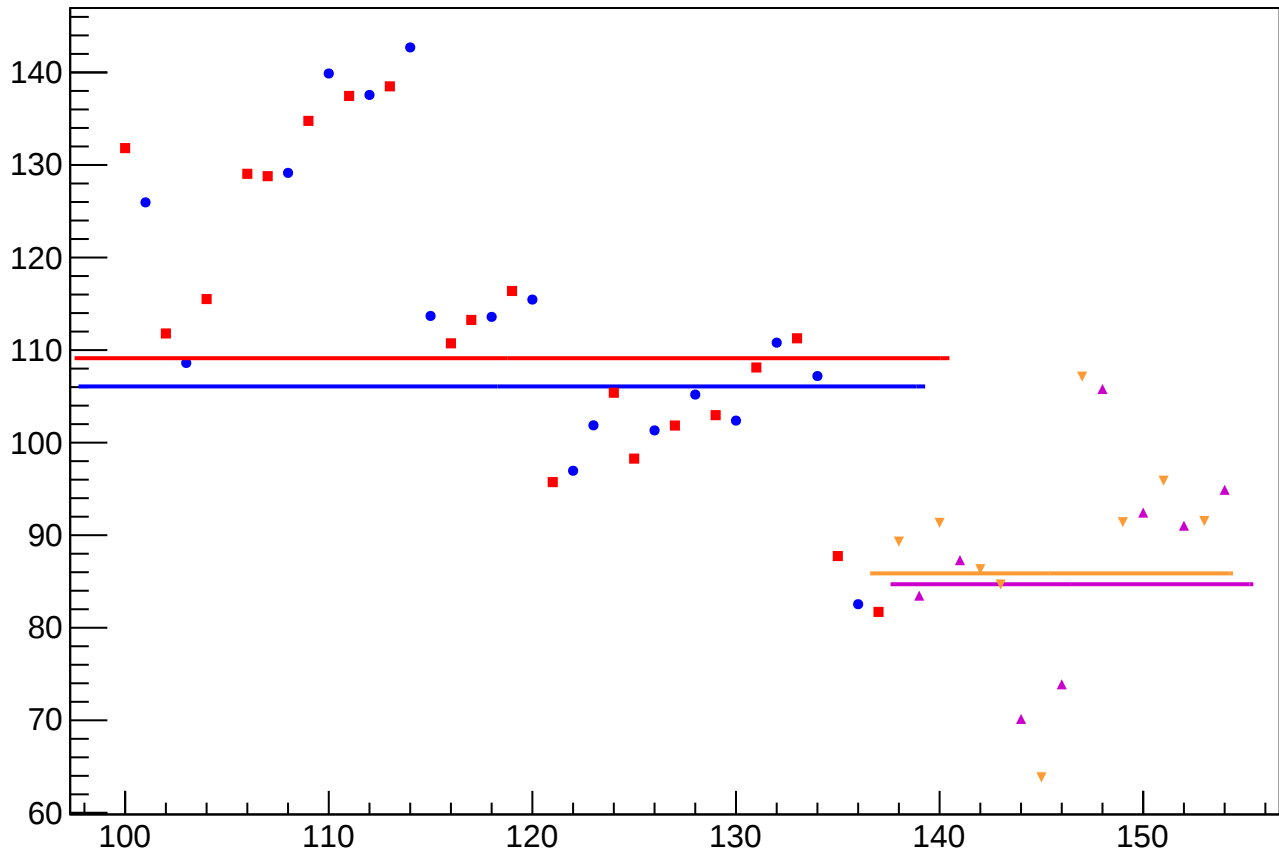
Right Out: -16.103 $\pm$ 41.277 χ^2 /NDF: 11.7/19

Left In: -24.552 $\pm$ 33.382 χ^2 /NDF:5.9/7

61.322 $\pm$ 26.277 χ^2 /NDF: 28.7/25

-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: 85.874 $\pm$ 0.024 χ^2 /NDF:281426.1/8

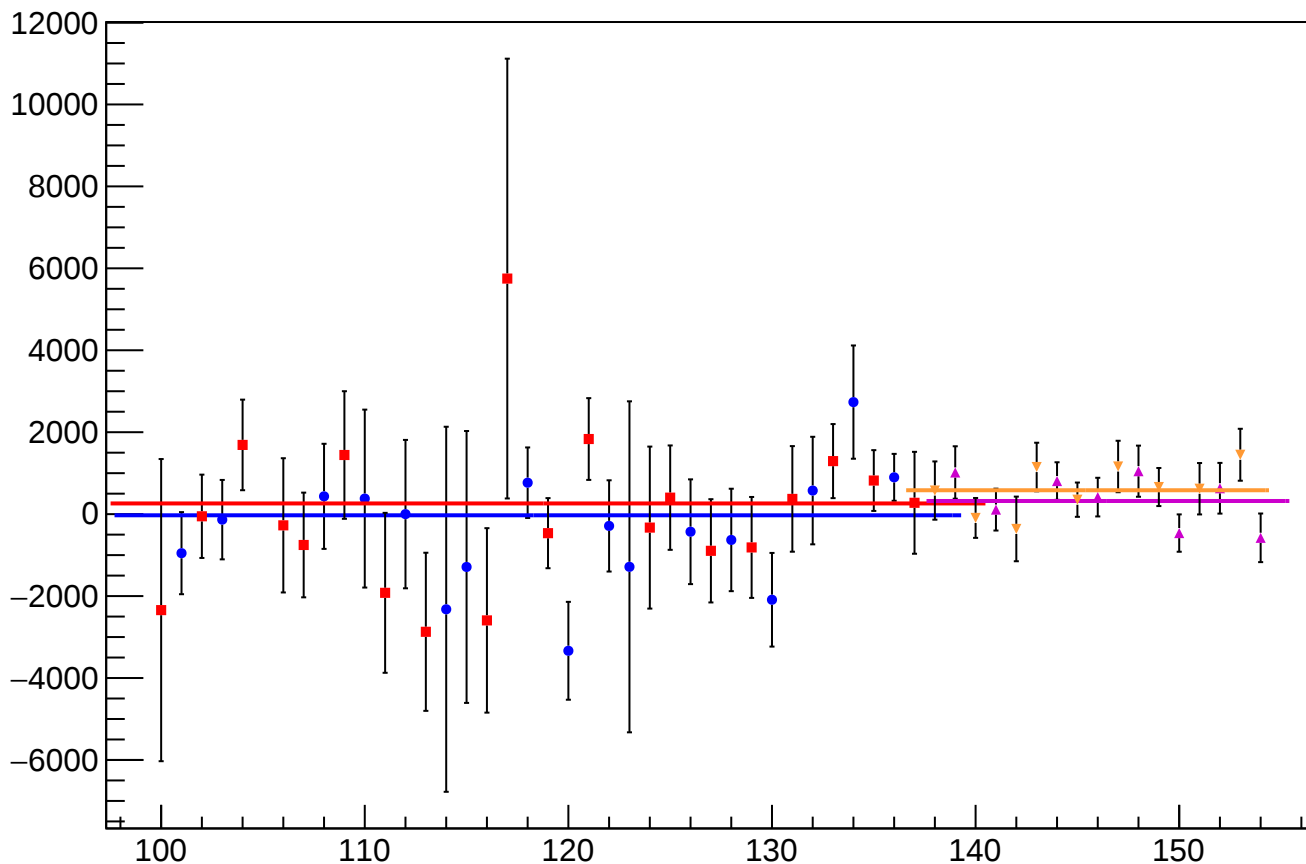
Right Out: 109.124 $\pm$ 0.029 χ^2 /NDF: 285510.2/19

Left In: 84.703 $\pm$ 0.024 χ^2 /NDF:211806.2/7

93.924 $\pm$ 0.019 χ^2 /NDF: 882619.8/25

94.359 $\pm$ 0.018 χ^2 /NDF: 920569.3/27

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -27.969 ± 283.741 χ^2/NDF : 20.5/16

Left Out: 583.148 ± 187.134 χ^2/NDF : 7.3/8

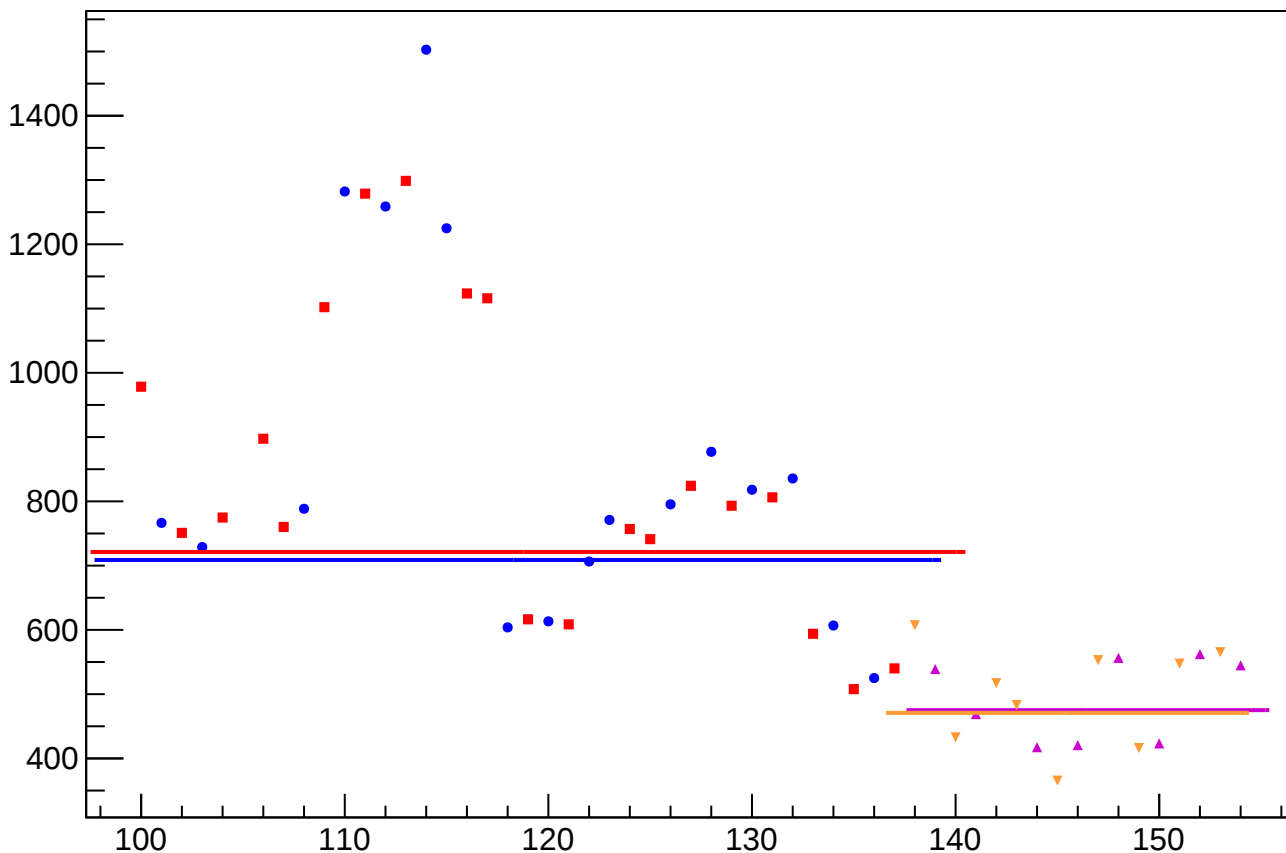
Right Out: 261.265 ± 279.073 χ^2/NDF : 16.9/19

Left In: 320.946 ± 187.783 χ^2/NDF : 9.4/7

397.905 ± 156.218 χ^2/NDF : 31.1/25

302.346 ± 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: 470.891+/-0.132 χ^2/NDF : 356409.0/8

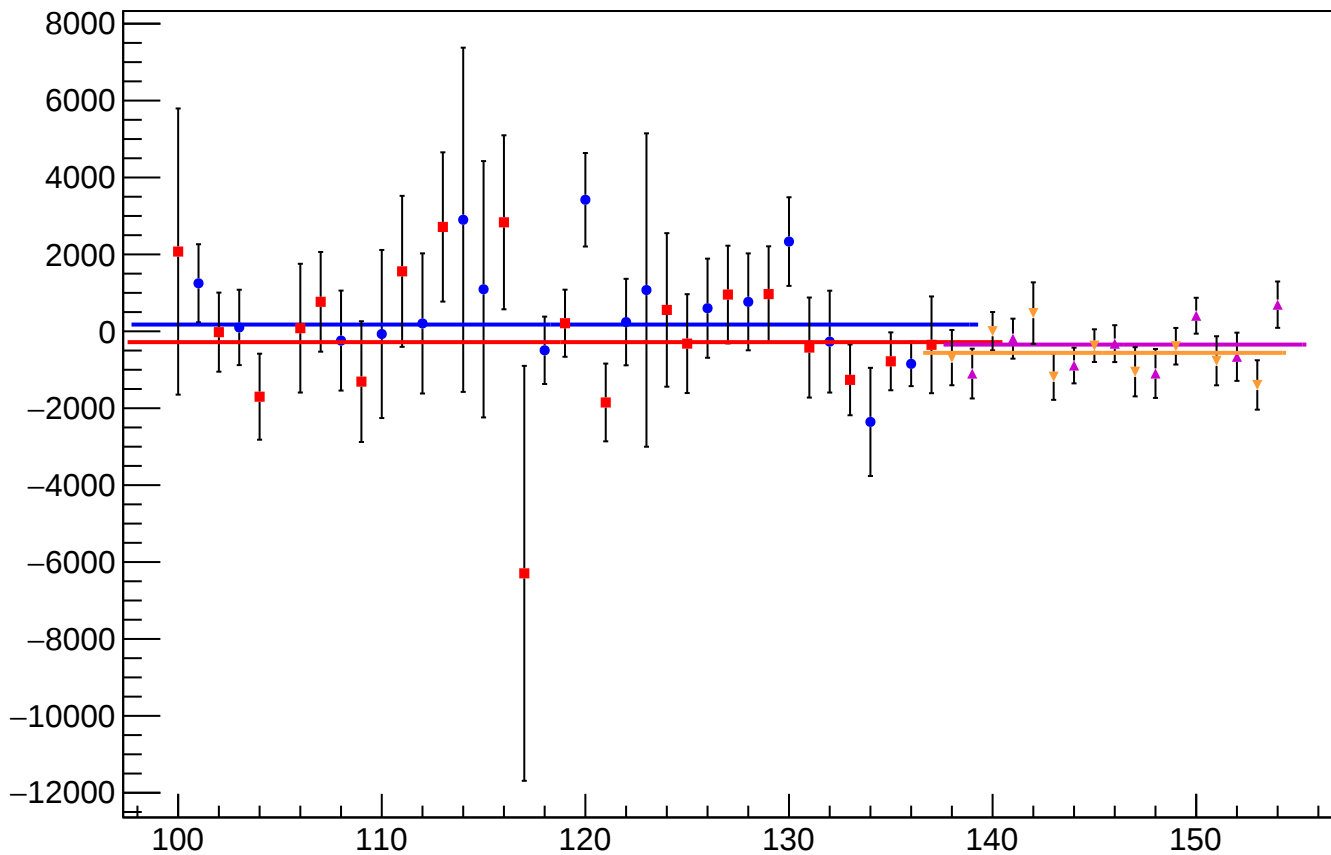
Right Out: 721.271+/-0.197 χ^2/NDF : 910781.0/19

Left In: 475.109+/-0.133 χ^2/NDF : 205671.5/7

543.002+/-0.110 χ^2/NDF : 2129672.0/25

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: -559.715 ± 190.449 χ^2/NDF : 6.8/8

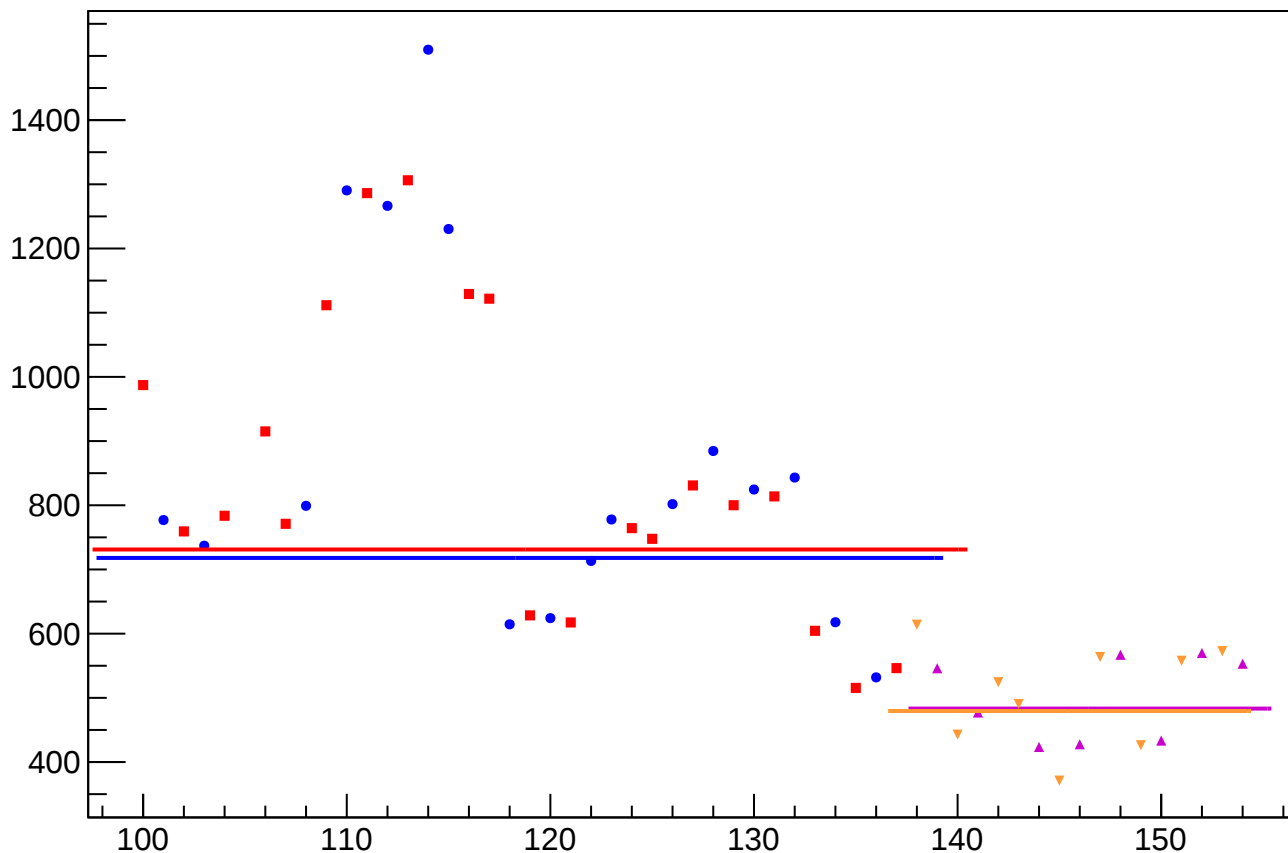
Right Out: -281.173 ± 282.685 χ^2/NDF : 16.1/19

Left In: -344.777 ± 190.944 χ^2/NDF : 10.0/7

-335.073 ± 158.725 χ^2/NDF : 31.1/25

-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: 479.490+/-0.135 χ^2/NDF : 350039.5/8

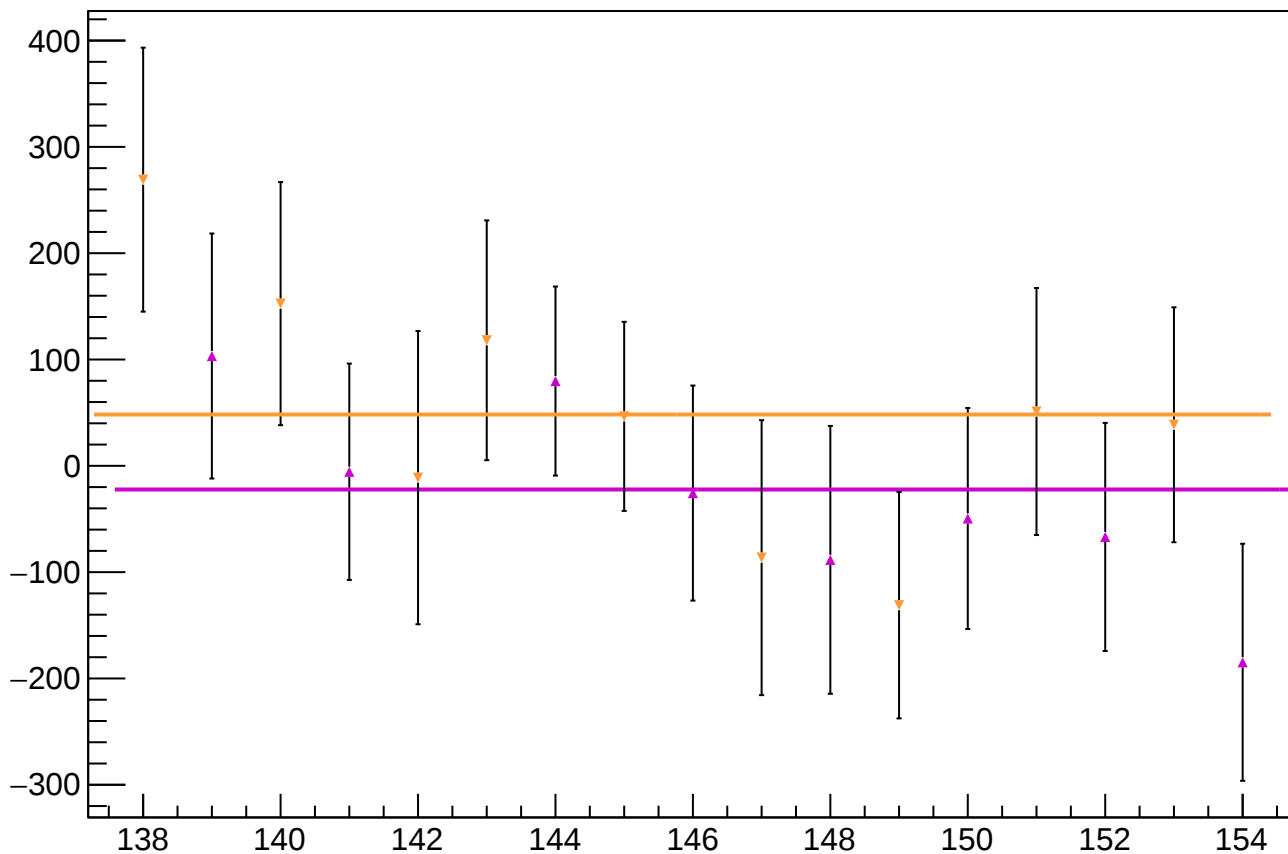
Right Out: 731.116+/-0.200 χ^2/NDF : 892357.6/19

Left In: 483.273+/-0.135 χ^2/NDF : 201798.5/7

552.323+/-0.112 χ^2/NDF : 2086376.4/25

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: 48.291+/-37.713 χ^2/NDF : 8.5/8

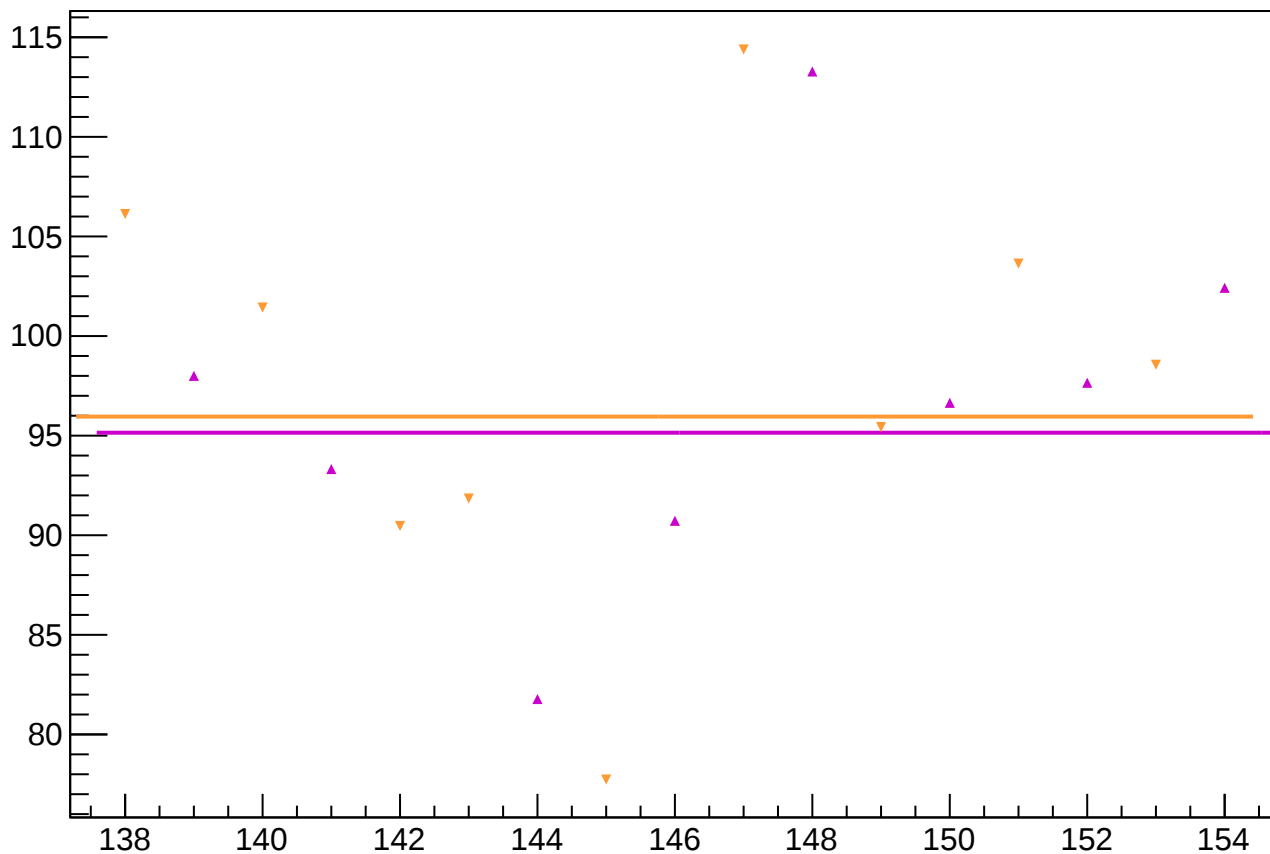
48.291+/-37.713 χ^2/NDF : 8.5/8

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: 95.957+/-0.027 χ^2/NDF :158354.5/8

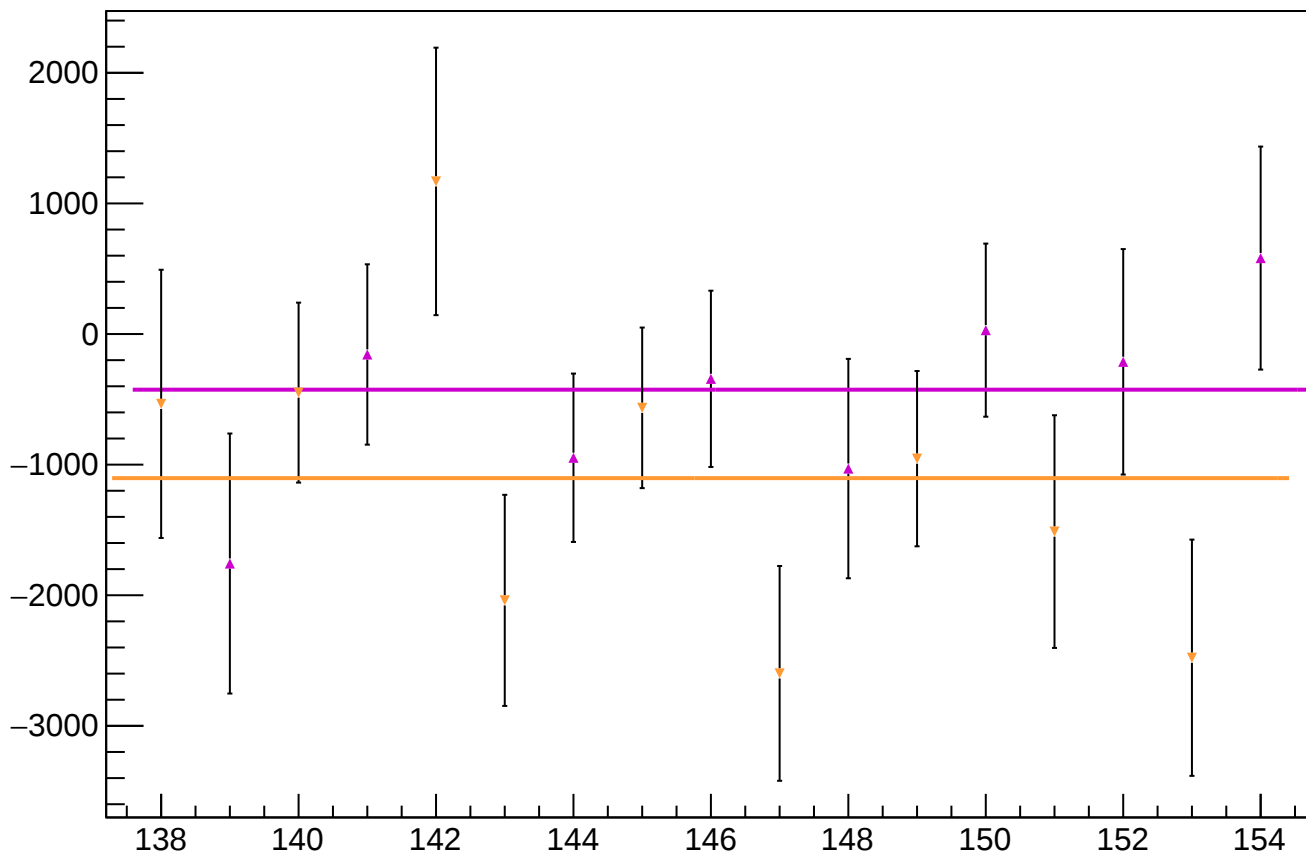
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 95.147+/-0.026 χ^2/NDF :102428.9/7

95.957+/-0.027 χ^2/NDF : 158354.5/8

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: -1103.292+/-263.811 χ^2/NDF : 14.1/8

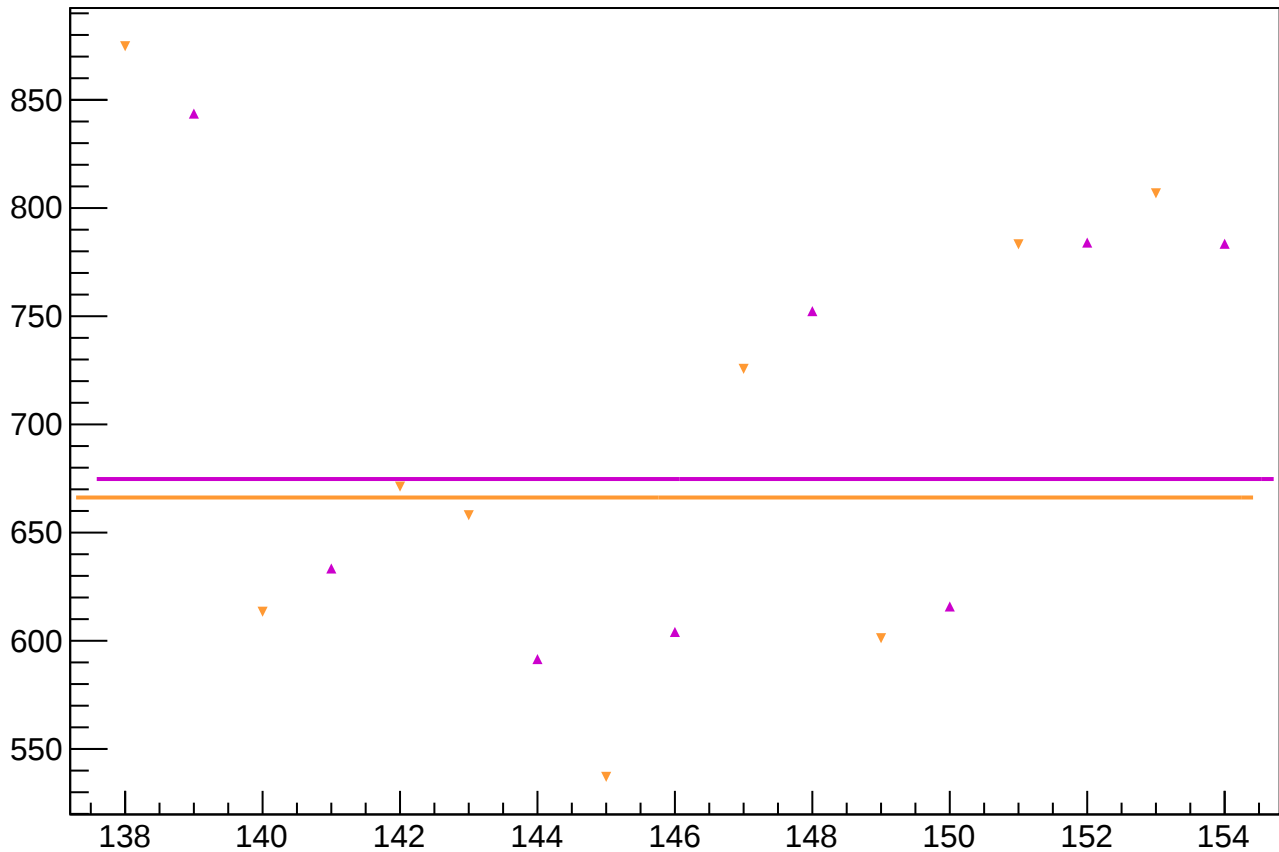
-1103.292+/-263.811 χ^2/NDF : 14.1/8

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: 666.220+/-0.187 χ^2/NDF : 294820.9/8

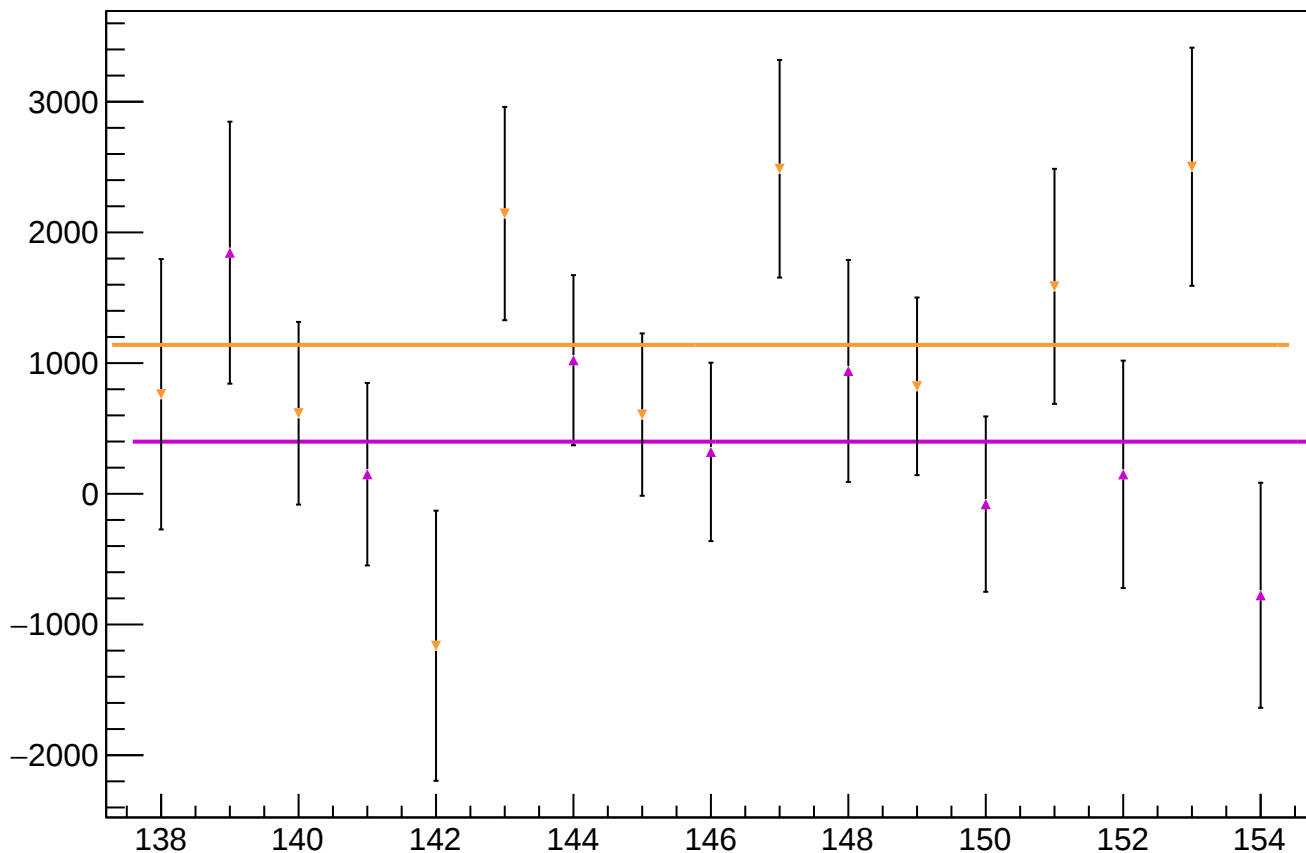
666.220+/-0.187 χ^2/NDF : 294820.9/8

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

674.759+/-0.188 χ^2/NDF : 217384.8/7

Left In: 674.759+/-0.188 χ^2/NDF : 217384.8/7

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1139.350+/-266.663 χ^2/NDF : 13.2/8

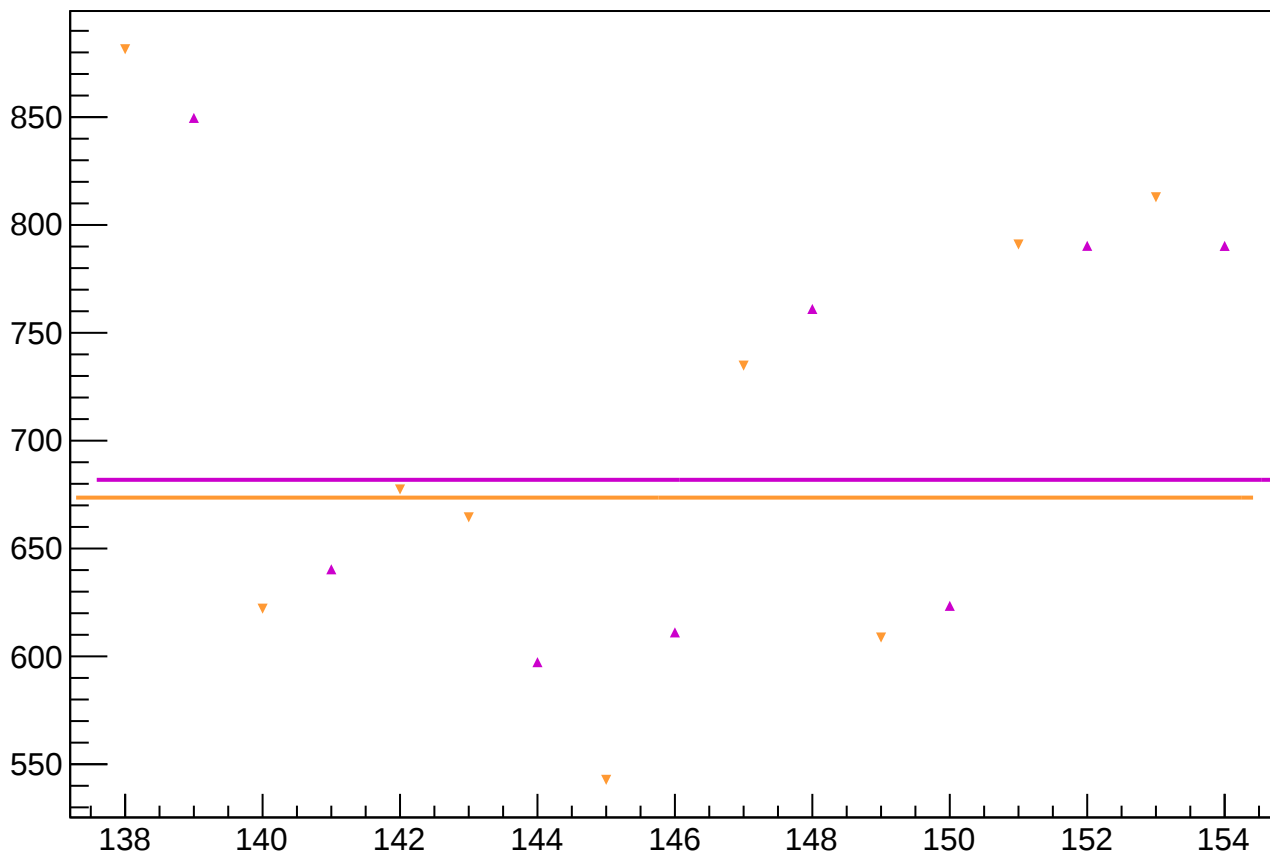
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 399.196+/-268.881 χ^2/NDF : 6.0/7

1139.350+/-266.663 χ^2/NDF : 13.2/8

399.196+/-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: 673.604+/-0.189 χ^2/NDF : 290439.7/8

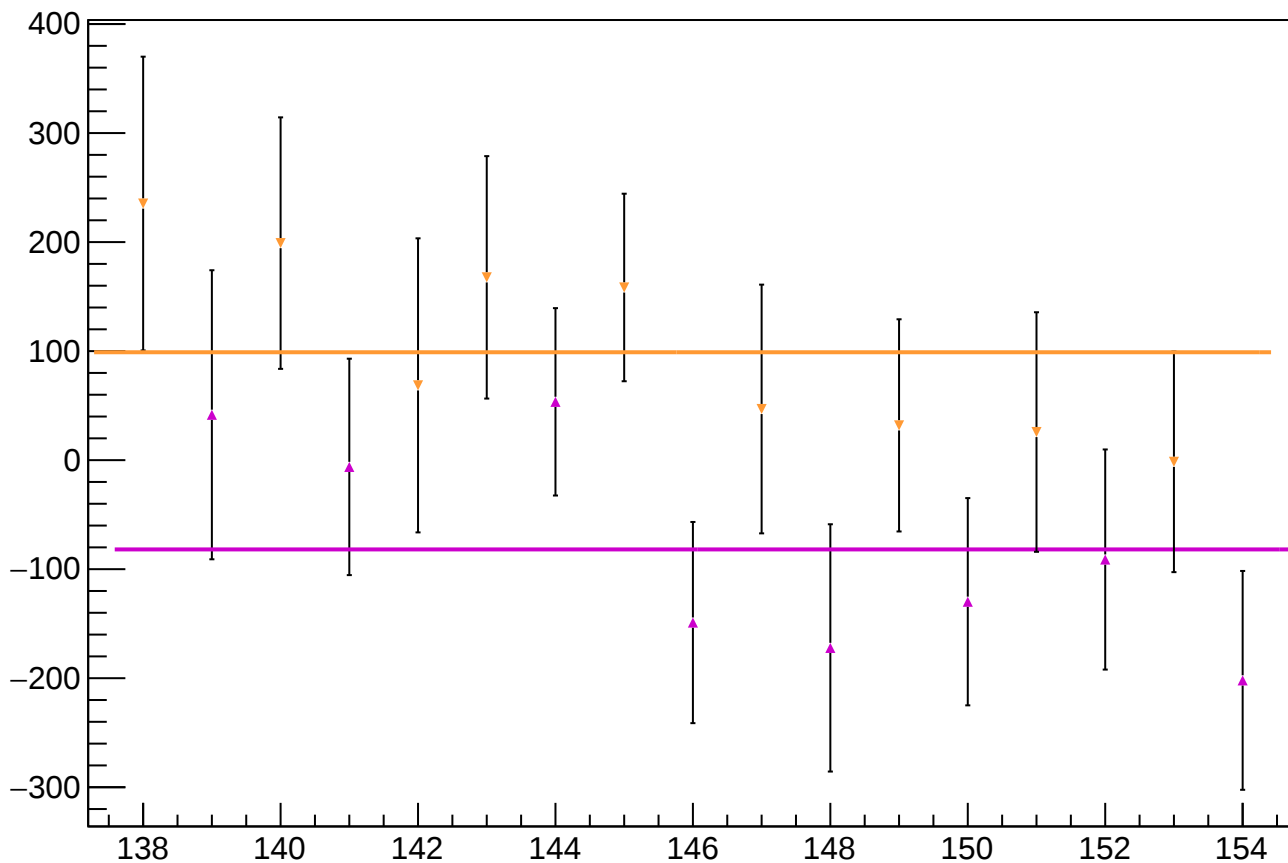
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 681.852+/-0.190 χ^2/NDF : 213691.1/7

673.604+/-0.189 χ^2/NDF : 290439.7/8

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: 98.963+/-36.172 χ^2/NDF : 4.8/8

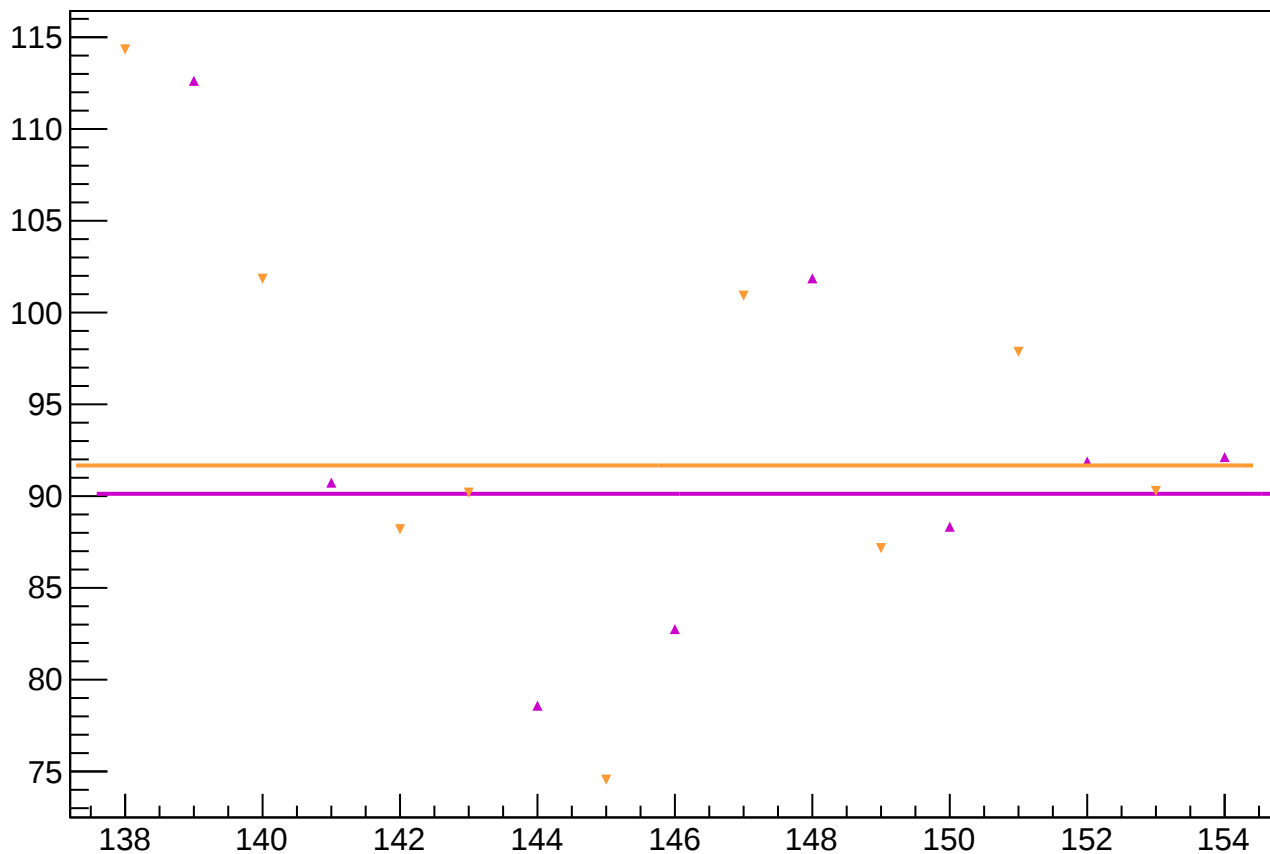
98.963+/-36.172 χ^2/NDF : 4.8/8

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

Left In: -81.883+/-35.418 χ^2/NDF : 6.8/7

-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: 91.670+/-0.026 χ^2/NDF :177233.5/8

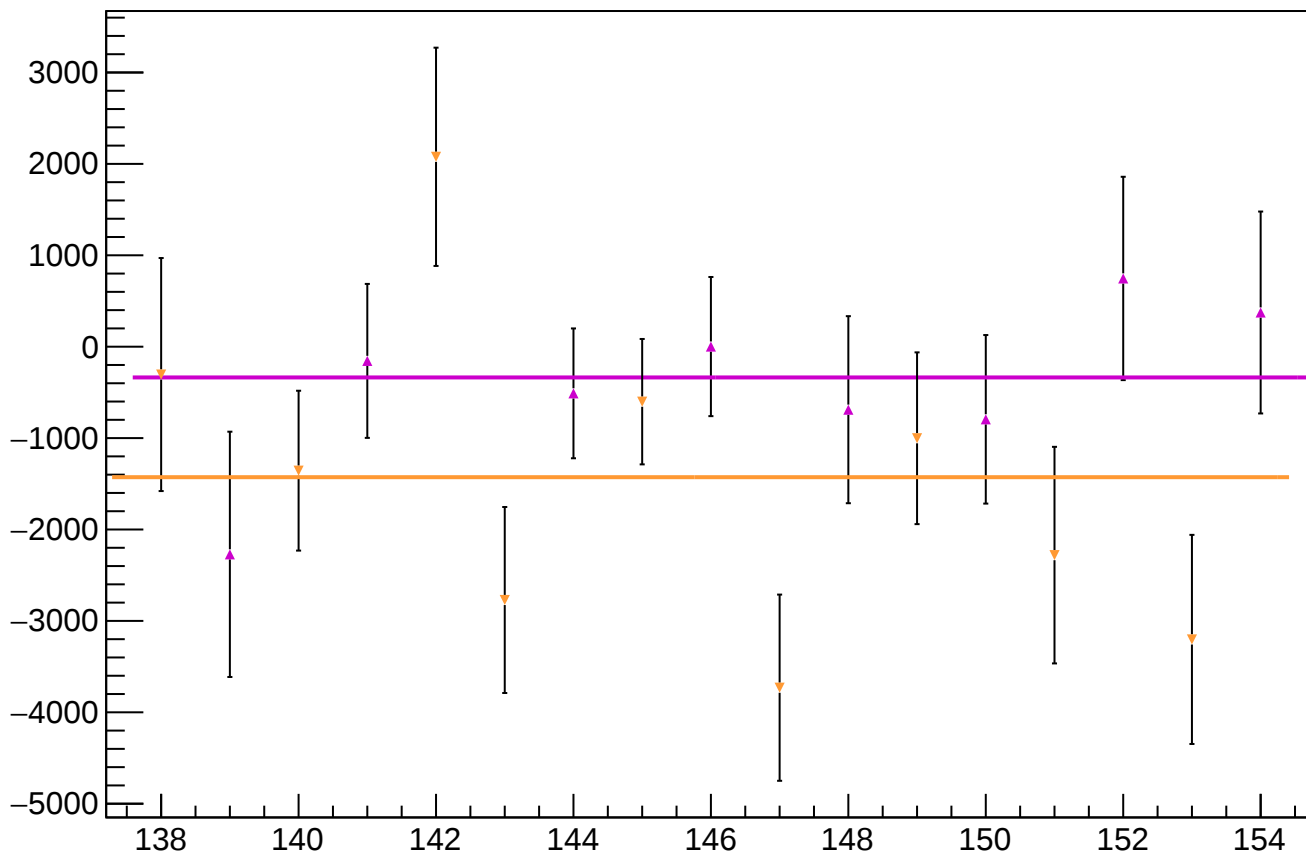
91.670+/-0.026 χ^2/NDF : 177233.5/8

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

90.126+/-0.025 χ^2/NDF : 130082.4/7

Left In: 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: -1427.707+/-328.116 χ^2/NDF : 20.8/8

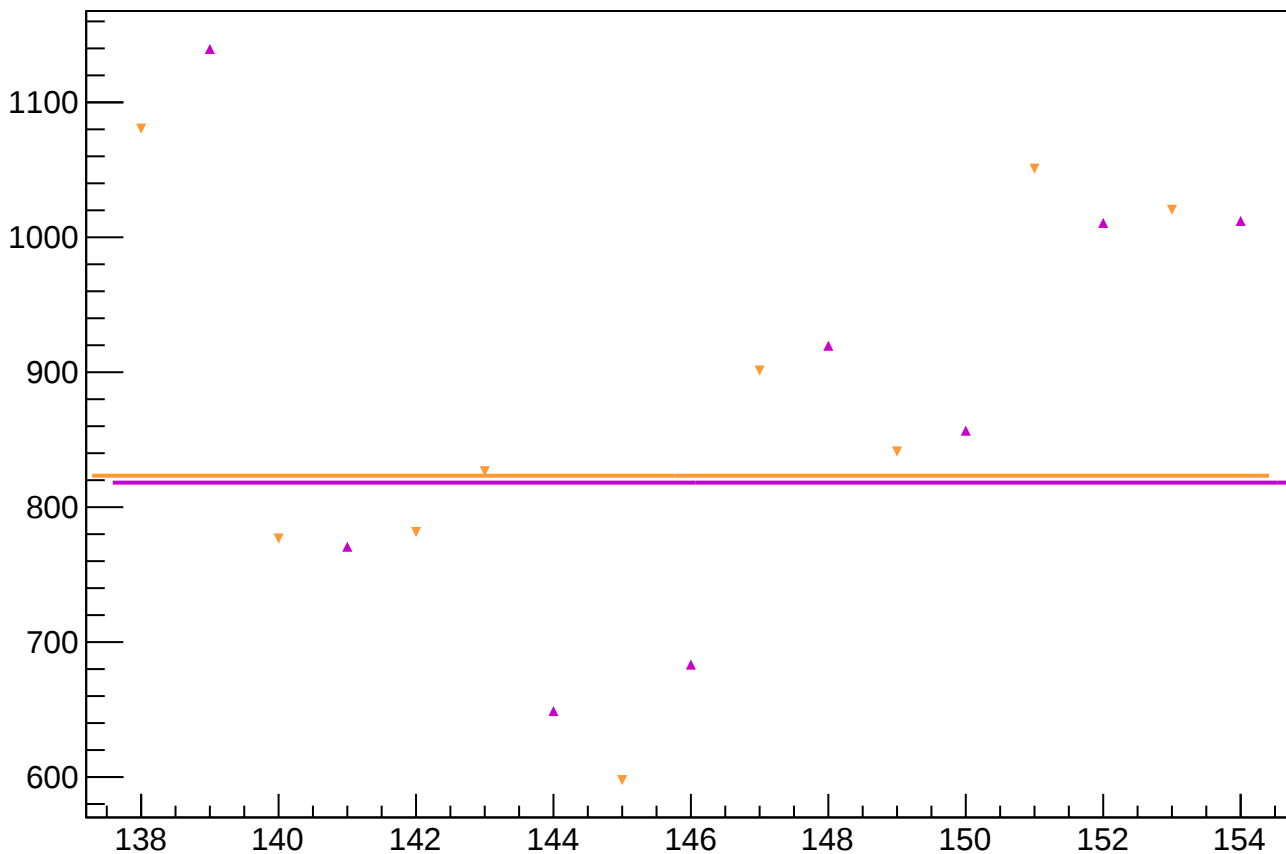
-1427.707+/-328.116 χ^2/NDF : 20.8/8

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: 823.306+/-0.232 χ^2/NDF : 451392.2/8

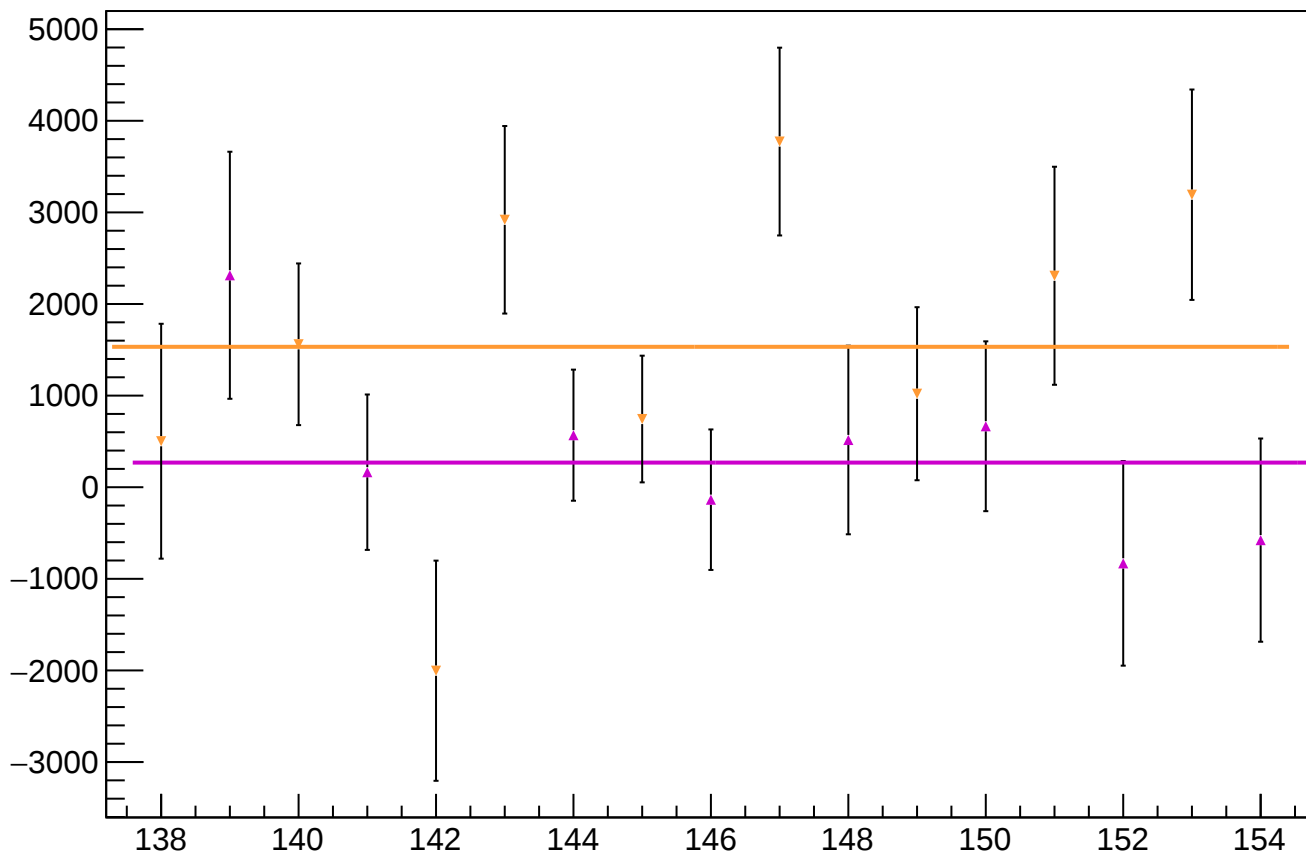
823.306+/-0.232 χ^2/NDF : 451392.2/8

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

818.188+/-0.230 χ^2/NDF : 442187.8/7

Left In: 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: 1532.689+/-330.270 χ^2/NDF : 20.0/8

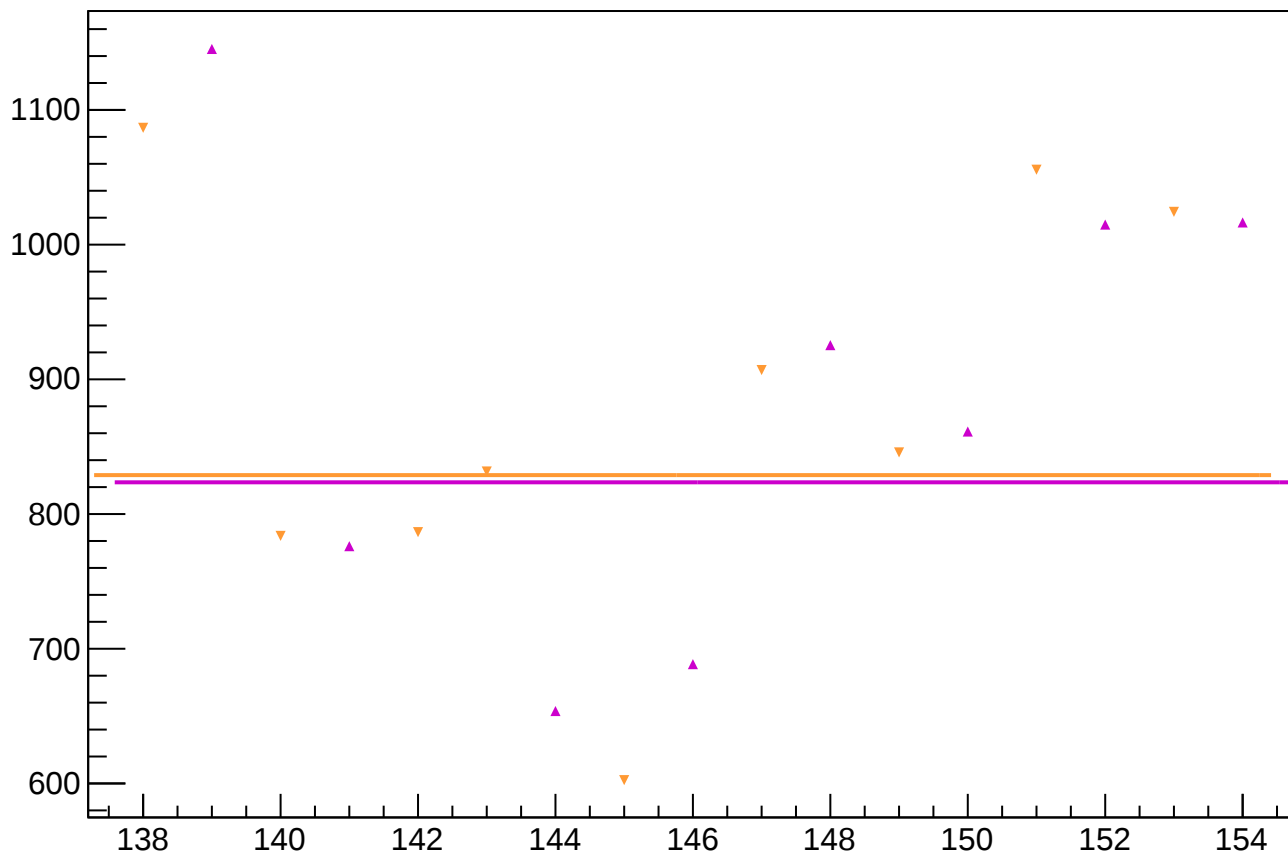
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 268.787+/-327.655 χ^2/NDF : 4.6/7

1532.689+/-330.270 χ^2/NDF : 20.0/8

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: 828.903+/-0.234 χ^2/NDF : 445812.7/8

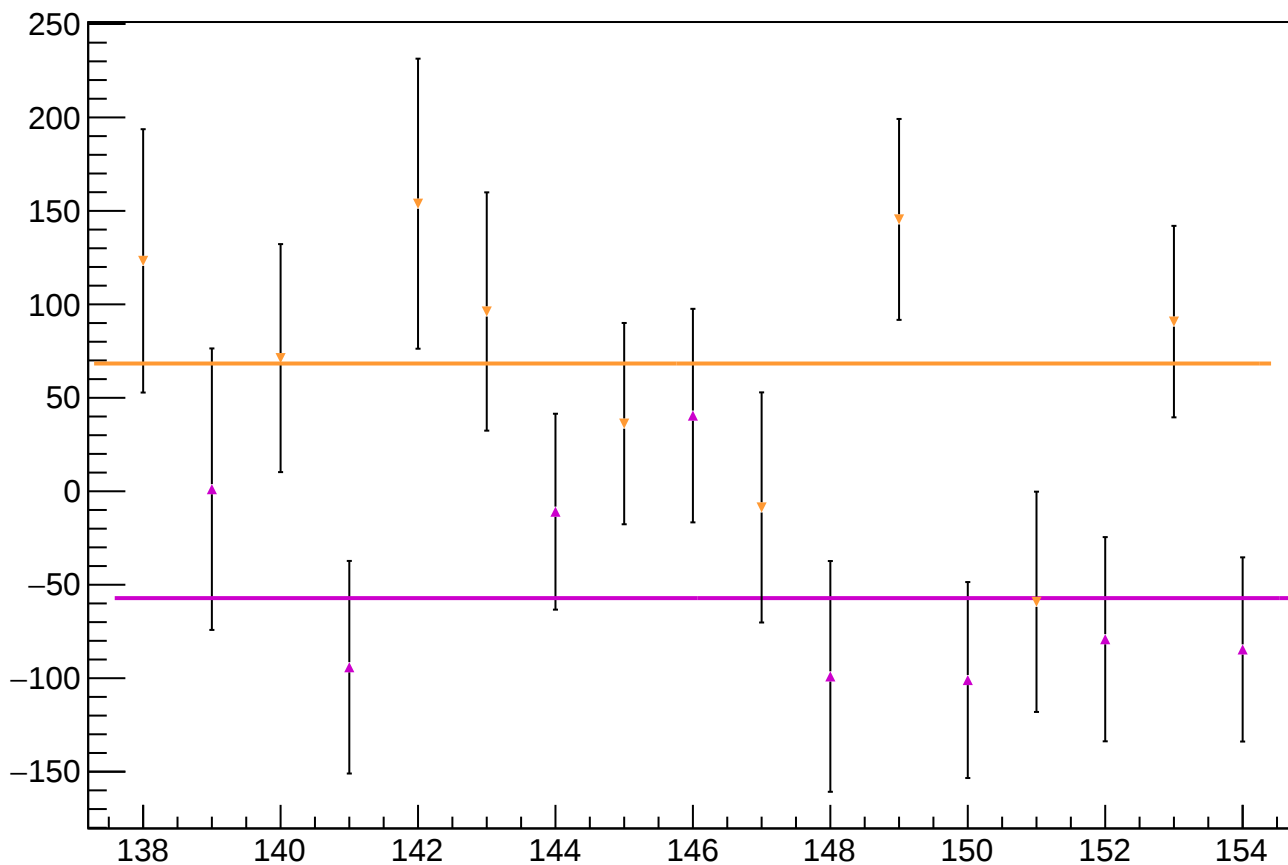
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 823.559+/-0.232 χ^2/NDF : 436725.7/7

828.903+/-0.234 χ^2/NDF : 445812.7/8

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: 68.353+/-19.972 χ^2/NDF :10.9/8

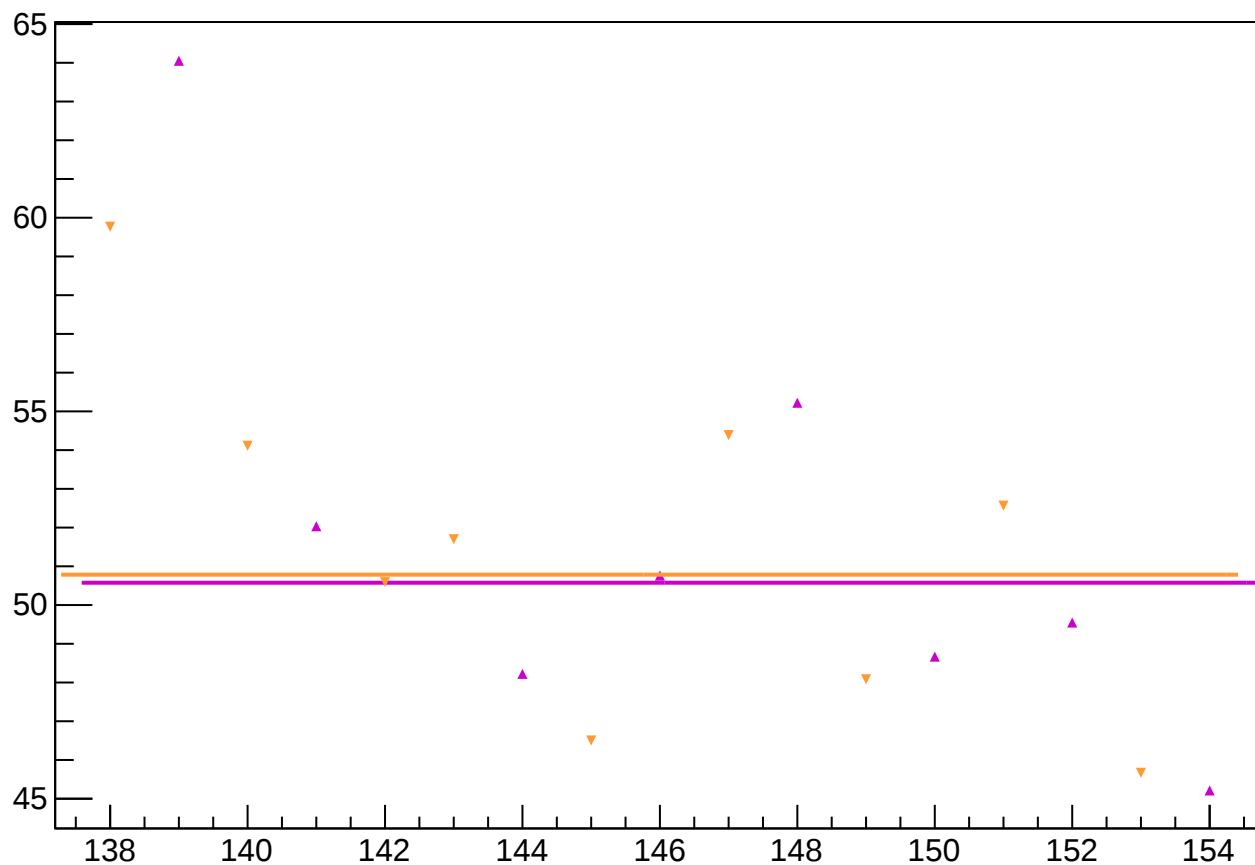
68.353+/-19.972 χ^2/NDF : 10.9/8

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

-57.154+/-19.882 χ^2/NDF : 6.4/7

Left In: -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: 50.784+/-0.014 χ^2/NDF : 85227.4/8

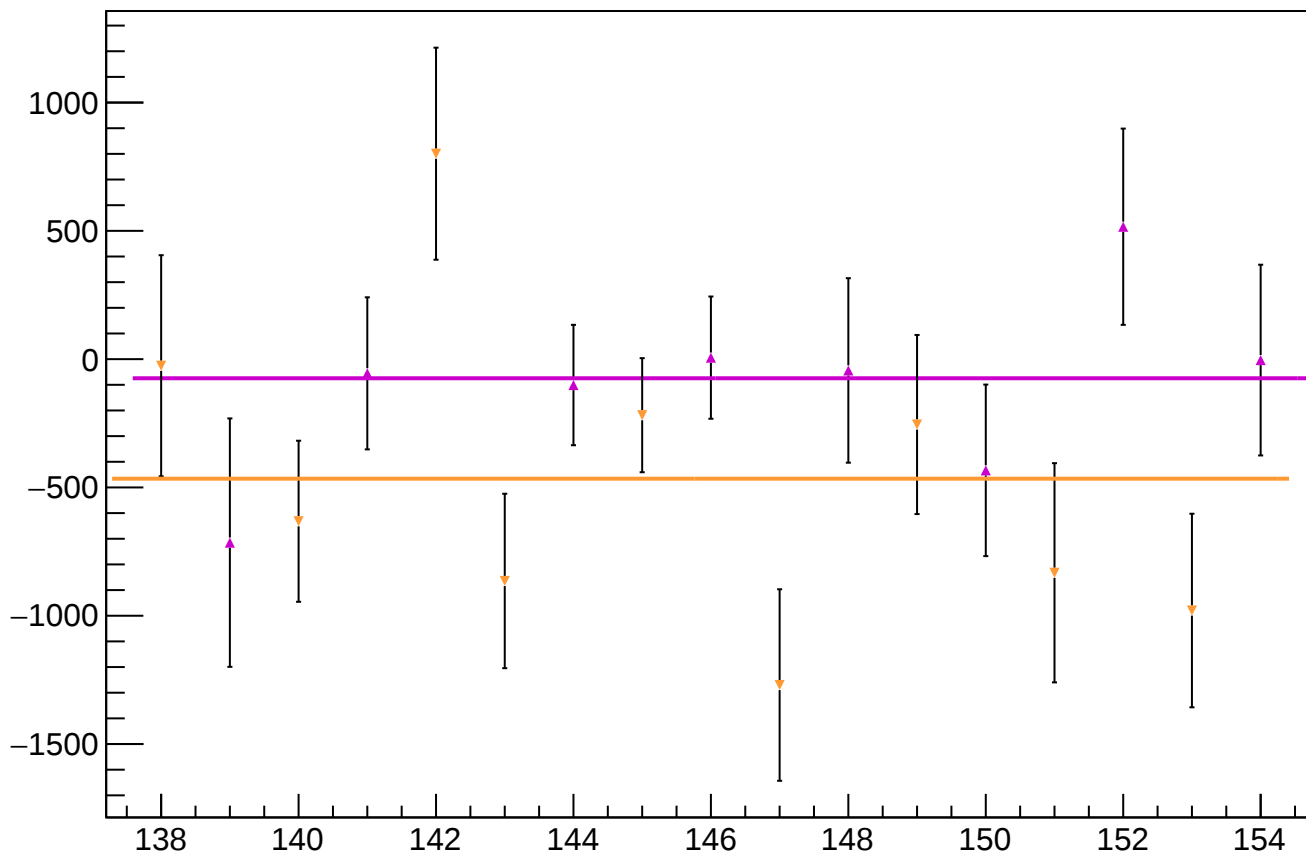
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 50.576+/-0.014 χ^2/NDF : 107826.6/7

50.784+/-0.014 χ^2/NDF : 85227.4/8

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: -465.866+/-113.097 χ^2/NDF :20.9/8

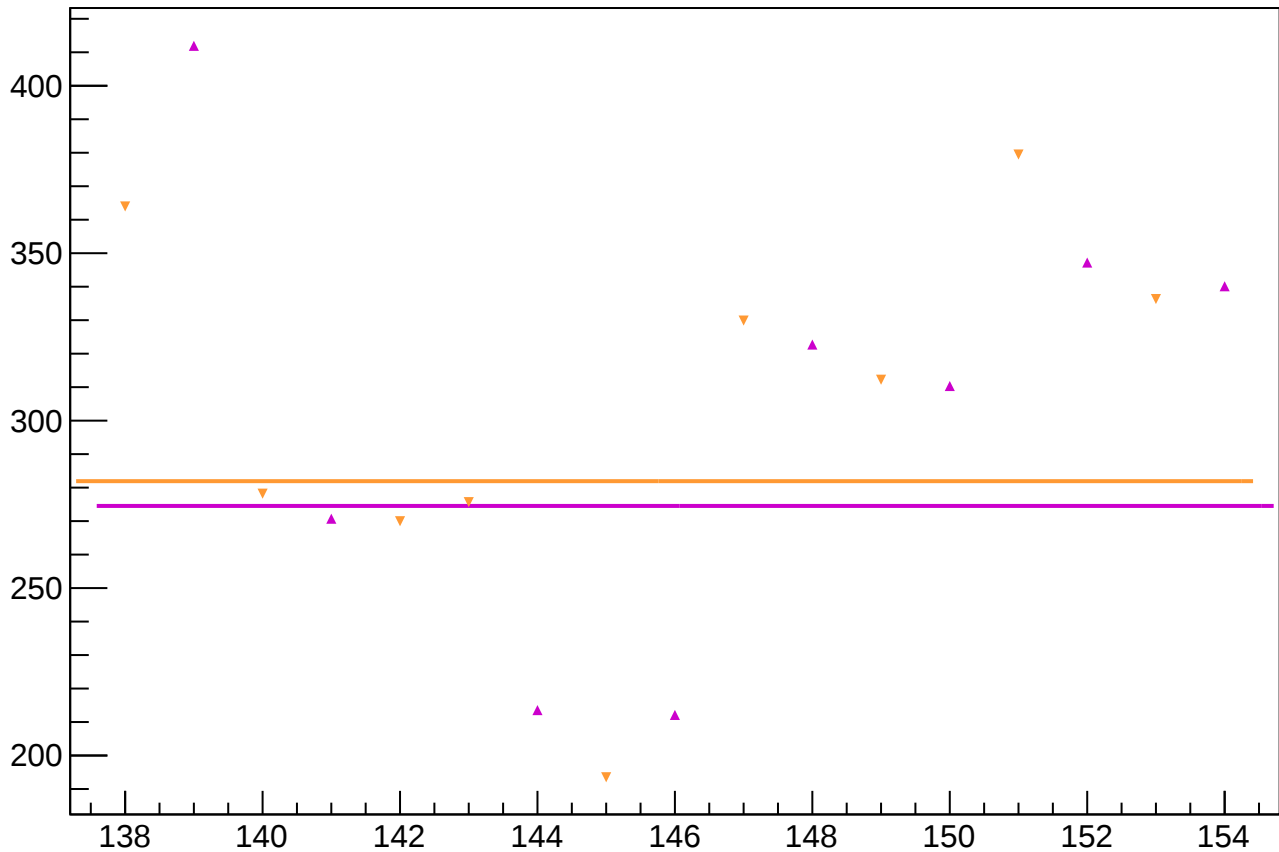
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.531+/-110.288 χ^2/NDF :5.5/7

-465.866+/-113.097 χ^2/NDF : 20.9/8

-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: 281.928+/-0.080 χ^2/NDF : 585539.2/8

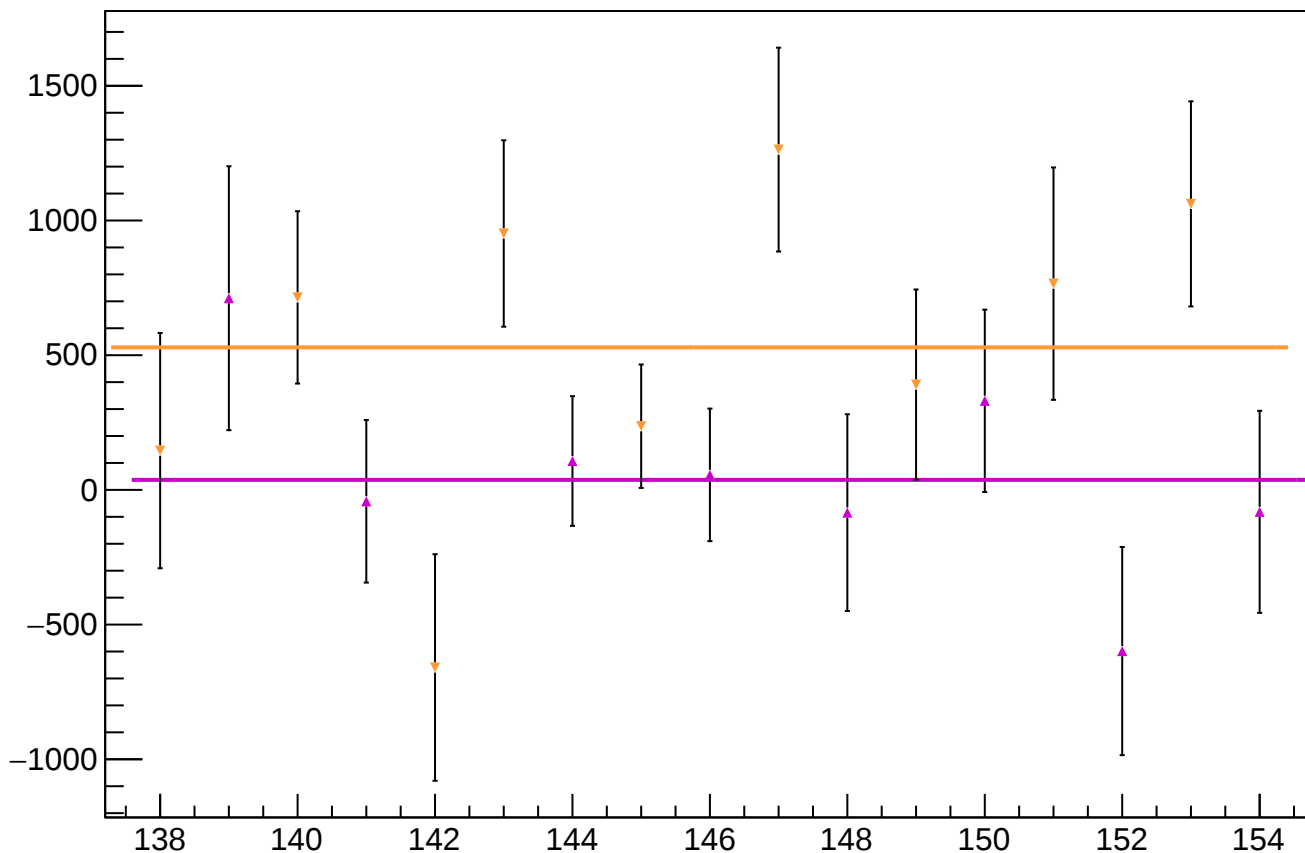
281.928+/-0.080 χ^2/NDF : 585539.2/8

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: 529.159+/-115.193 χ^2/NDF : 18.4/8

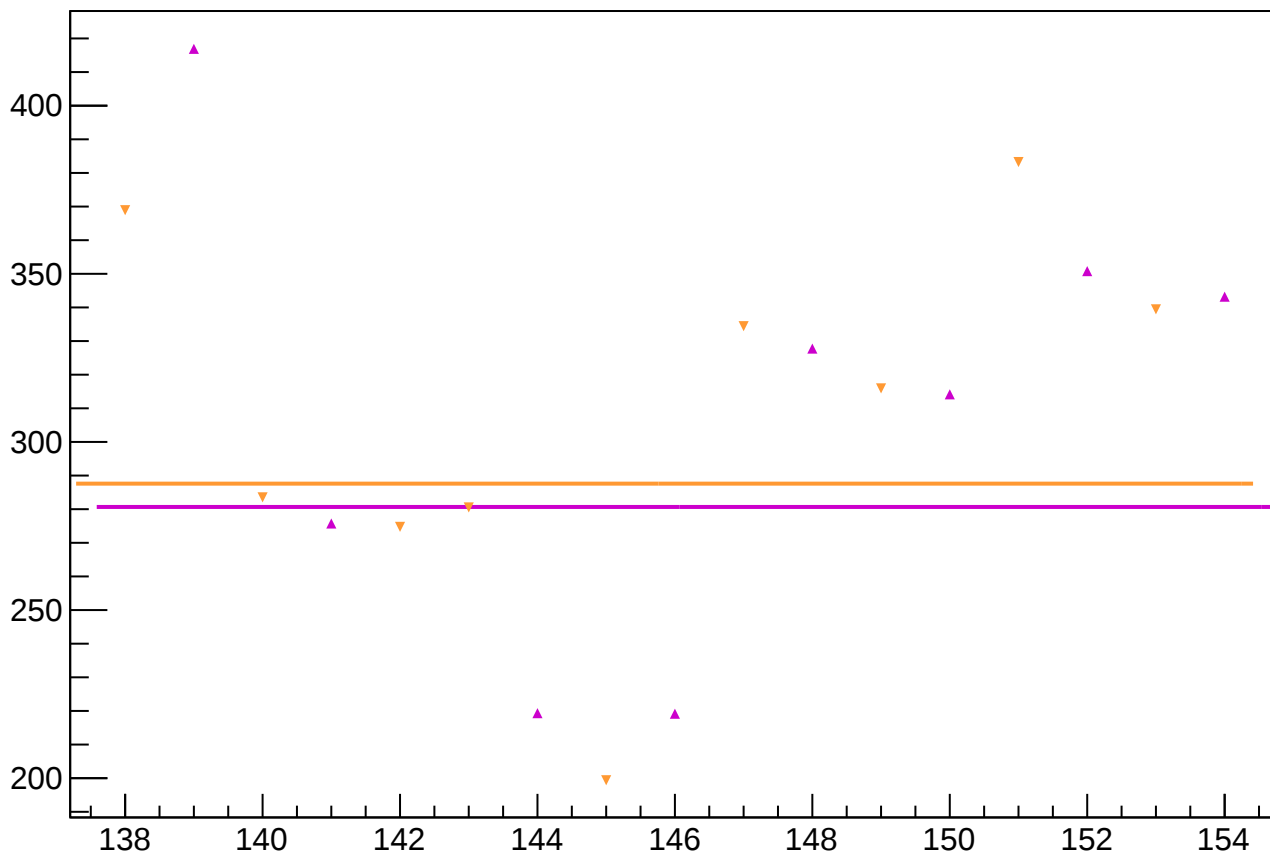
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 37.207+/-112.538 χ^2/NDF : 5.7/7

529.159+/-115.193 χ^2/NDF : 18.4/8

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: 287.598+/-0.081 χ^2/NDF : 547860.1/8

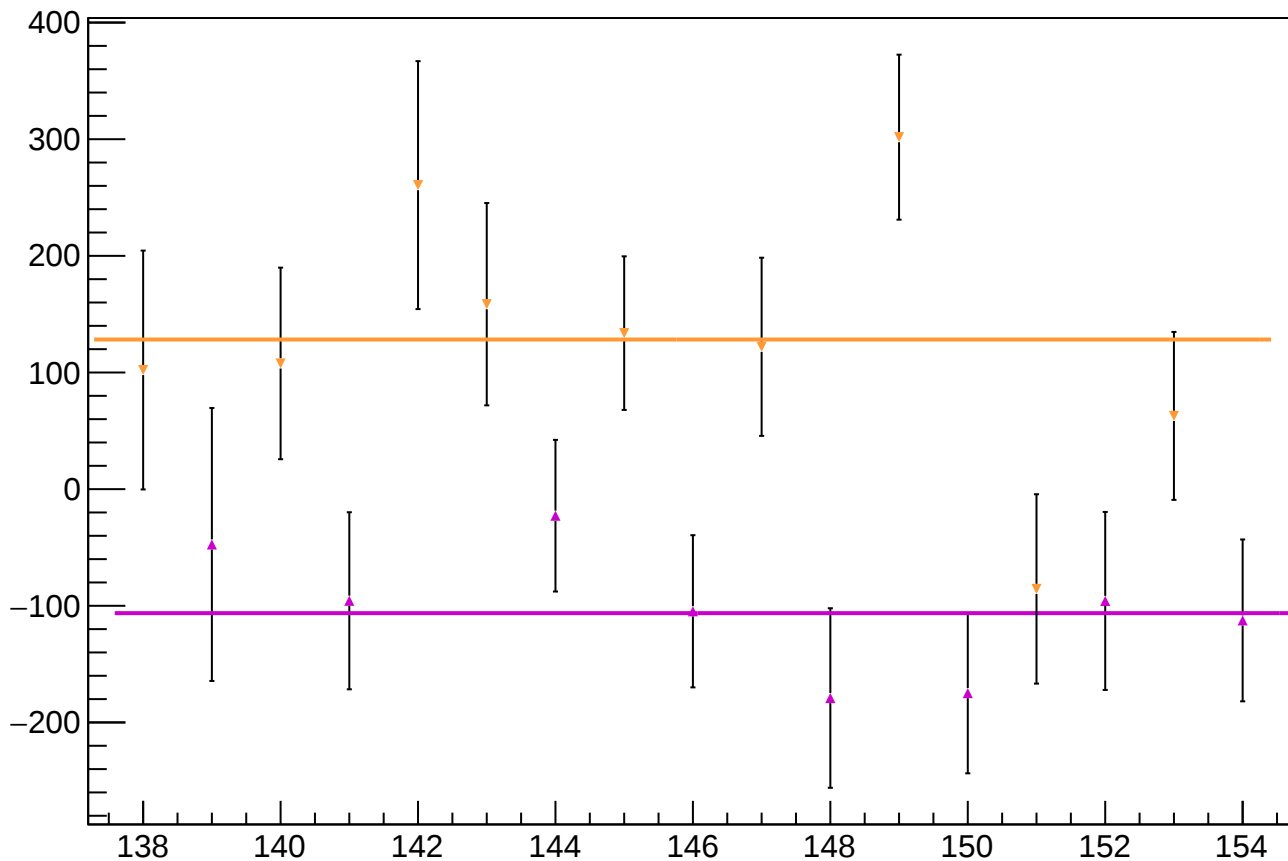
287.598+/-0.081 χ^2/NDF : 547860.1/8

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

280.664+/-0.080 χ^2/NDF : 584304.8/7

Left In: 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: 128.272+/-26.611 χ^2/NDF :15.6/8

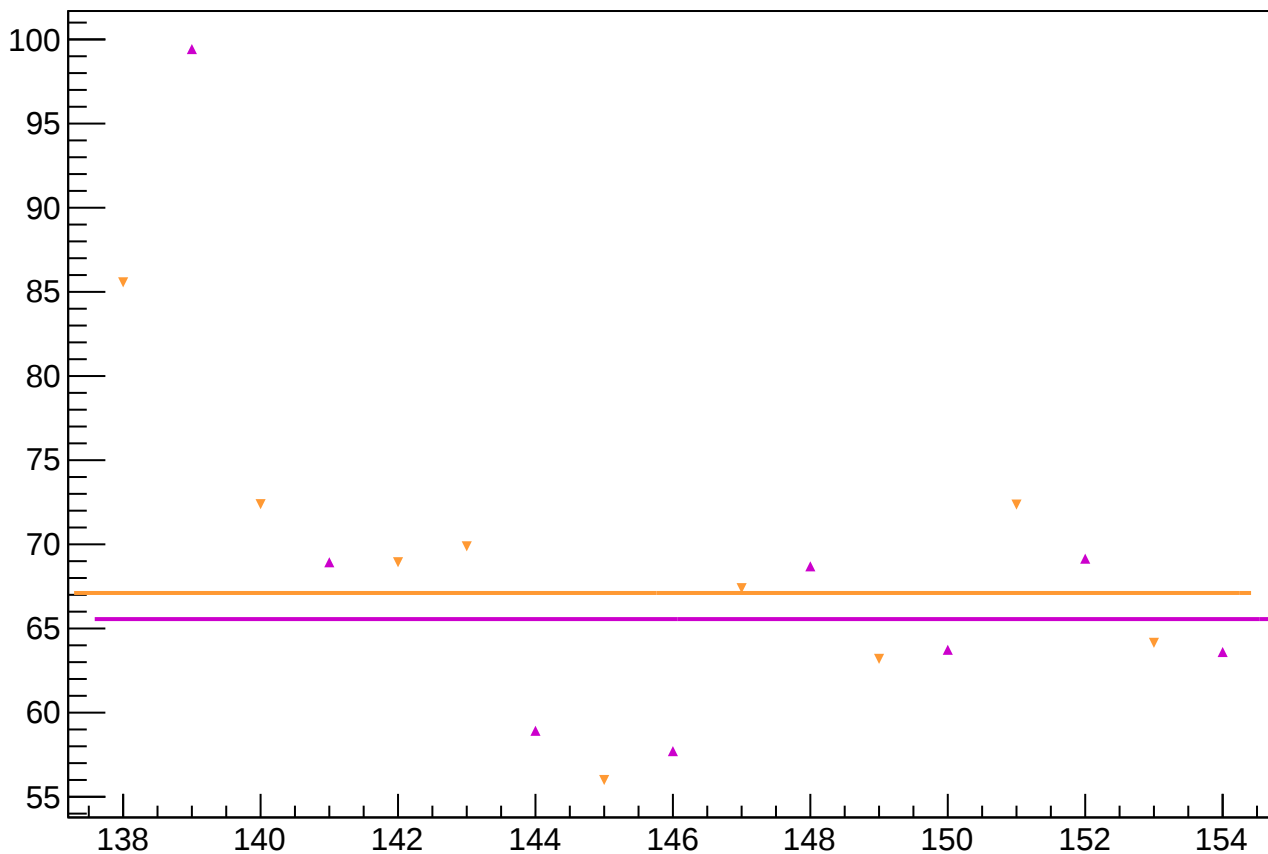
128.272+/-26.611 χ^2/NDF : 15.6/8

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

-106.296+/-26.011 χ^2/NDF : 3.8/7

Left In: -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: 67.110+/-0.019 χ^2/NDF : 150815.5/8

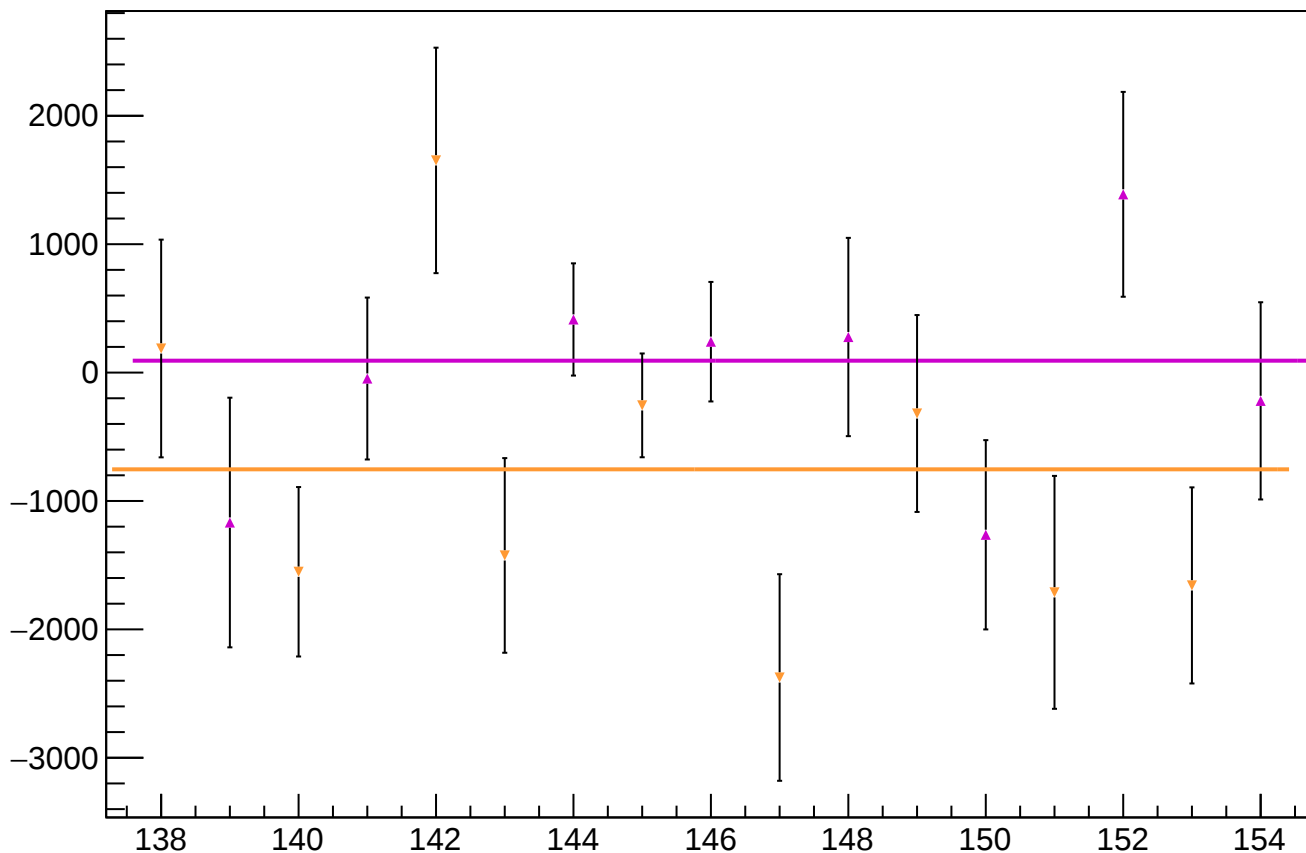
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.558+/-0.018 χ^2/NDF : 232006.5/7

67.110+/-0.019 χ^2/NDF : 150815.5/8

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: -753.511+/-229.285 χ^2/NDF : 19.4/8

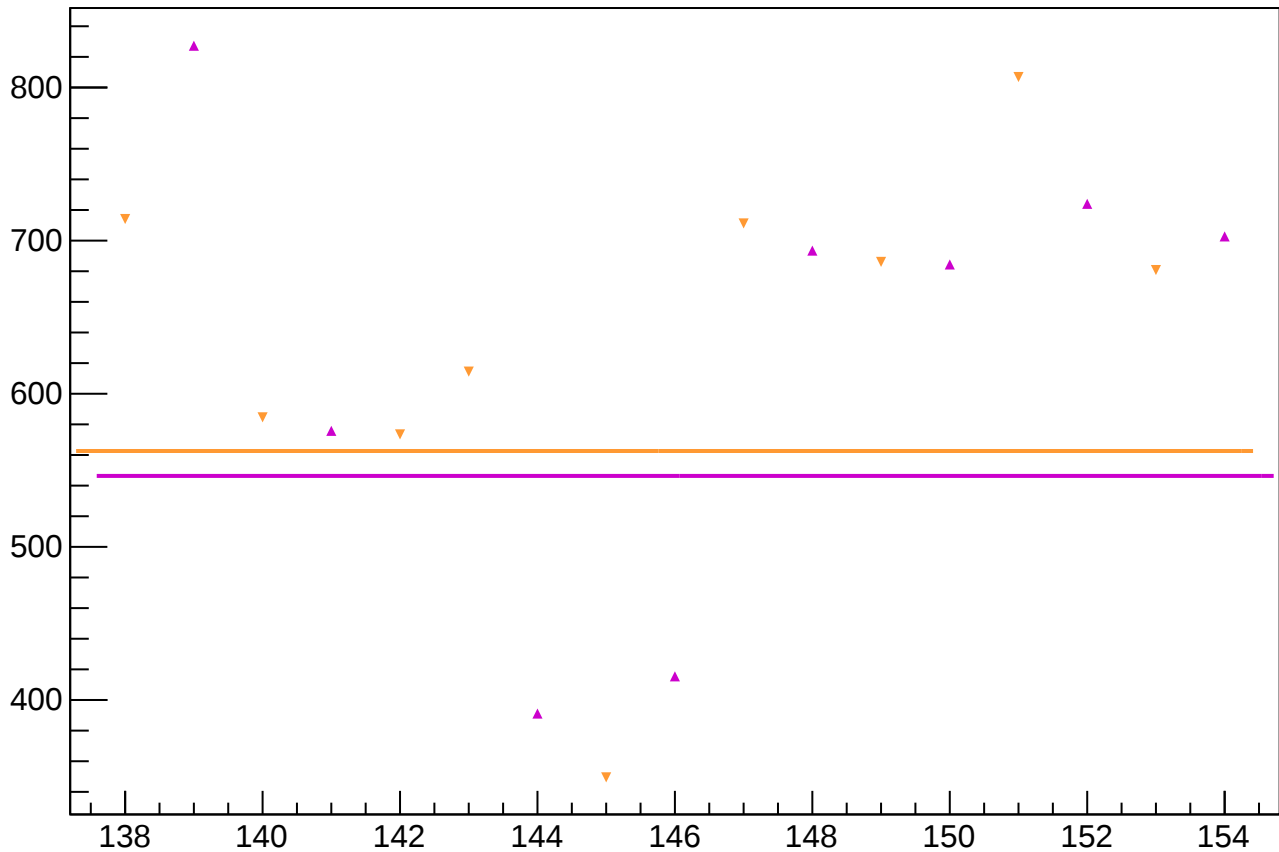
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 92.688+/-222.457 χ^2/NDF : 8.6/7

-753.511+/-229.285 χ^2/NDF : 19.4/8

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: 562.611+/-0.162 χ^2/NDF : 944903.1/8

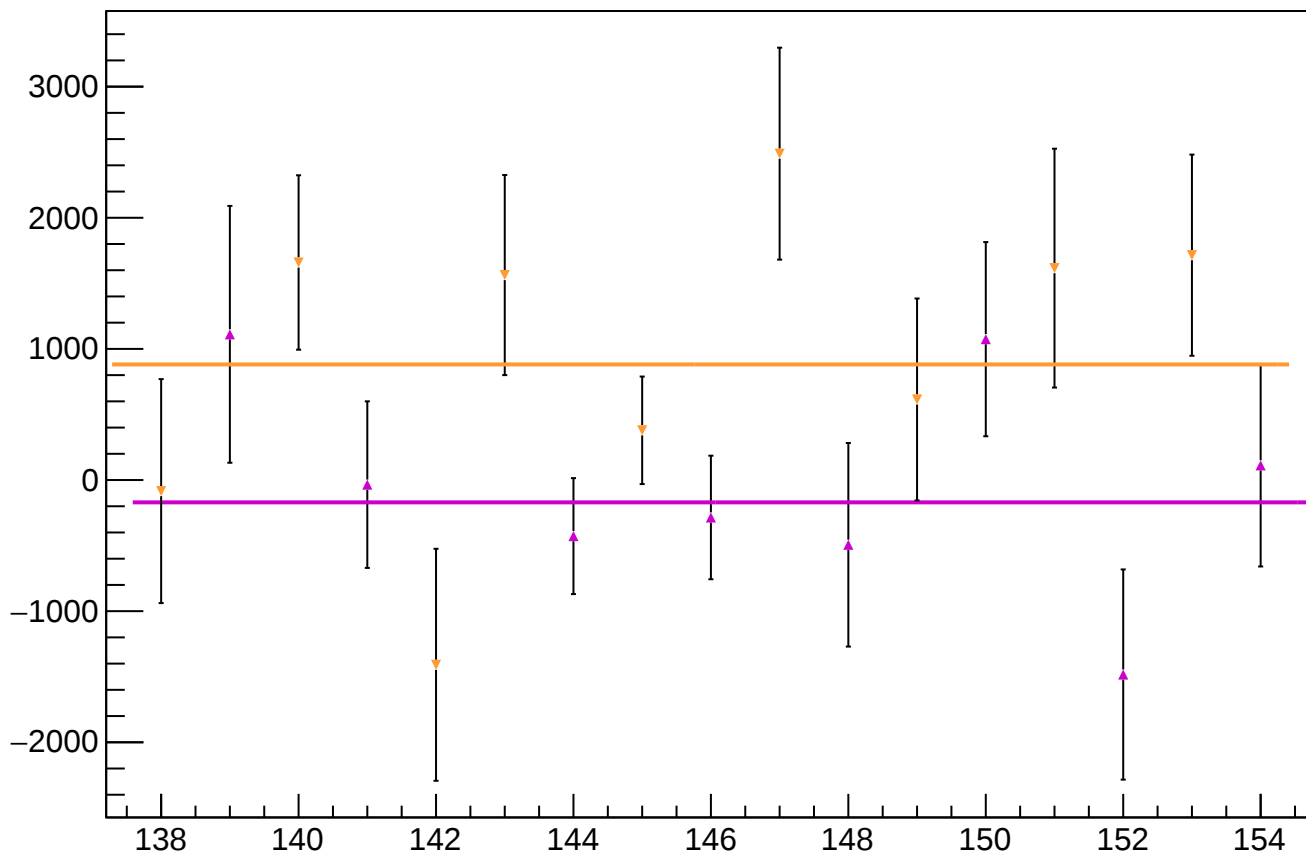
562.611+/-0.162 χ^2/NDF : 944903.1/8

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

546.340+/-0.157 χ^2/NDF : 906700.9/7

Left In: 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: 881.541+/-231.267 χ^2/NDF : 17.6/8

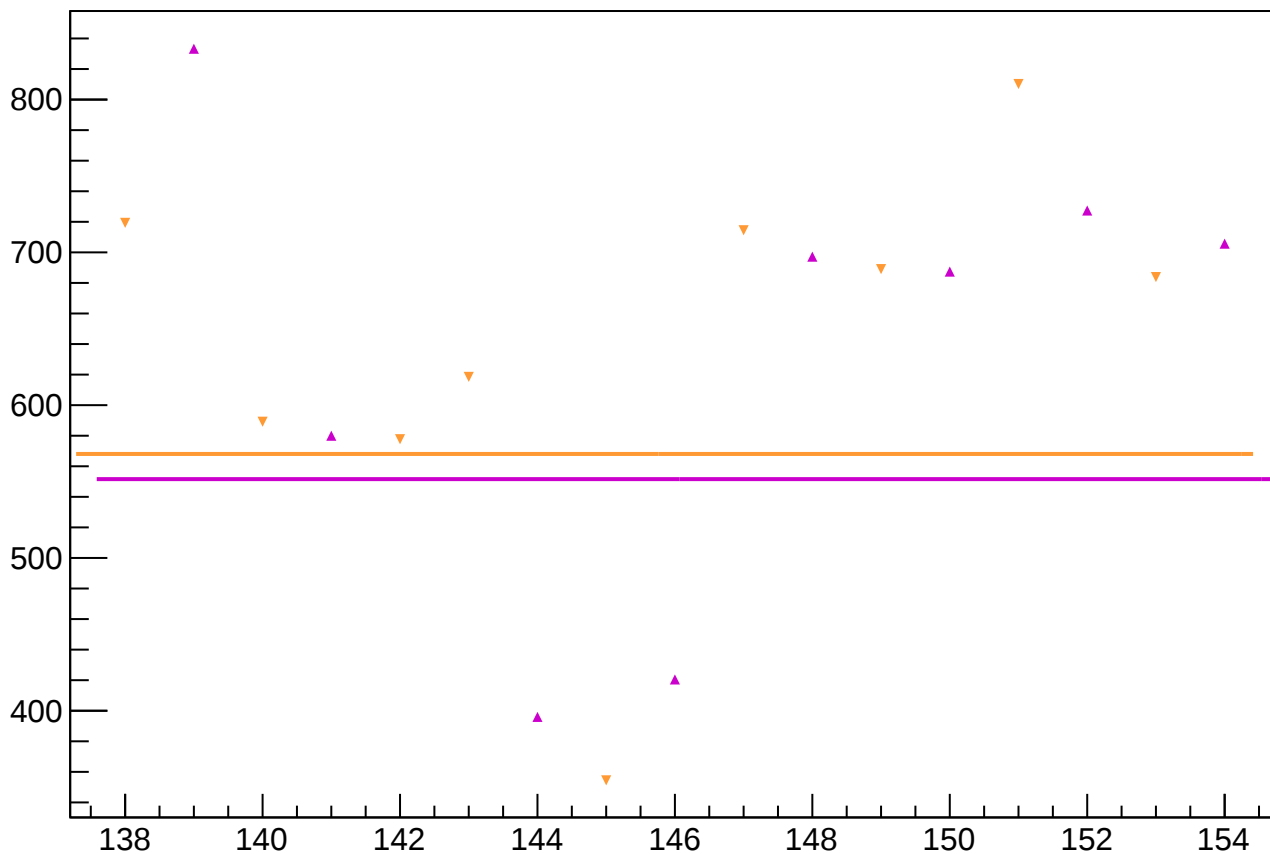
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -170.286+/-224.392 χ^2/NDF : 8.0/7

881.541+/-231.267 χ^2/NDF : 17.6/8

-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: 568.068+/-0.164 χ^2/NDF : 918461.2/8

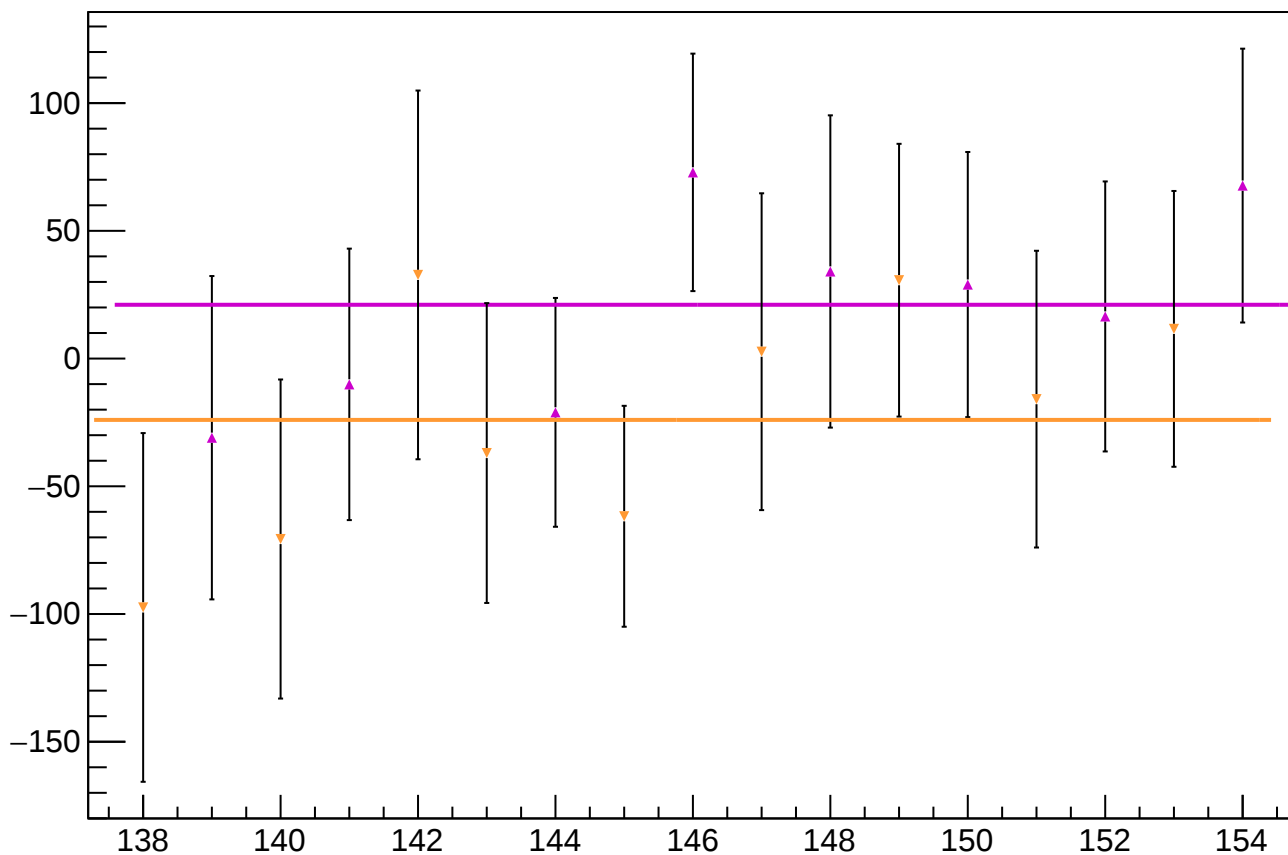
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 551.597+/-0.159 χ^2/NDF : 885707.4/7

568.068+/-0.164 χ^2/NDF : 918461.2/8

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: -24.012+/-19.109 χ^2/NDF : 4.8/8

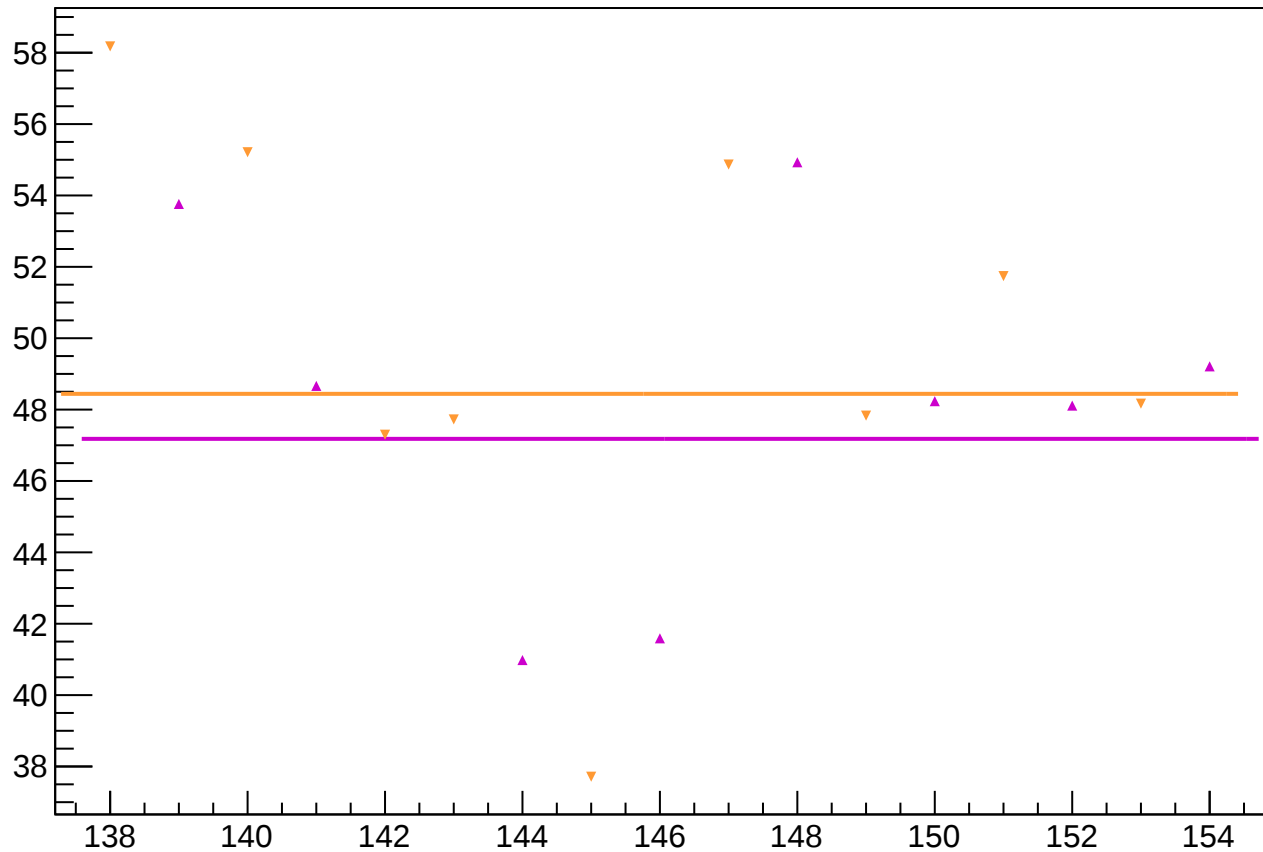
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 21.057+/-18.537 χ^2/NDF : 4.0/7

-24.012+/-19.109 χ^2/NDF : 4.8/8

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: 48.441+/-0.014 χ^2/NDF : 216328.8/8

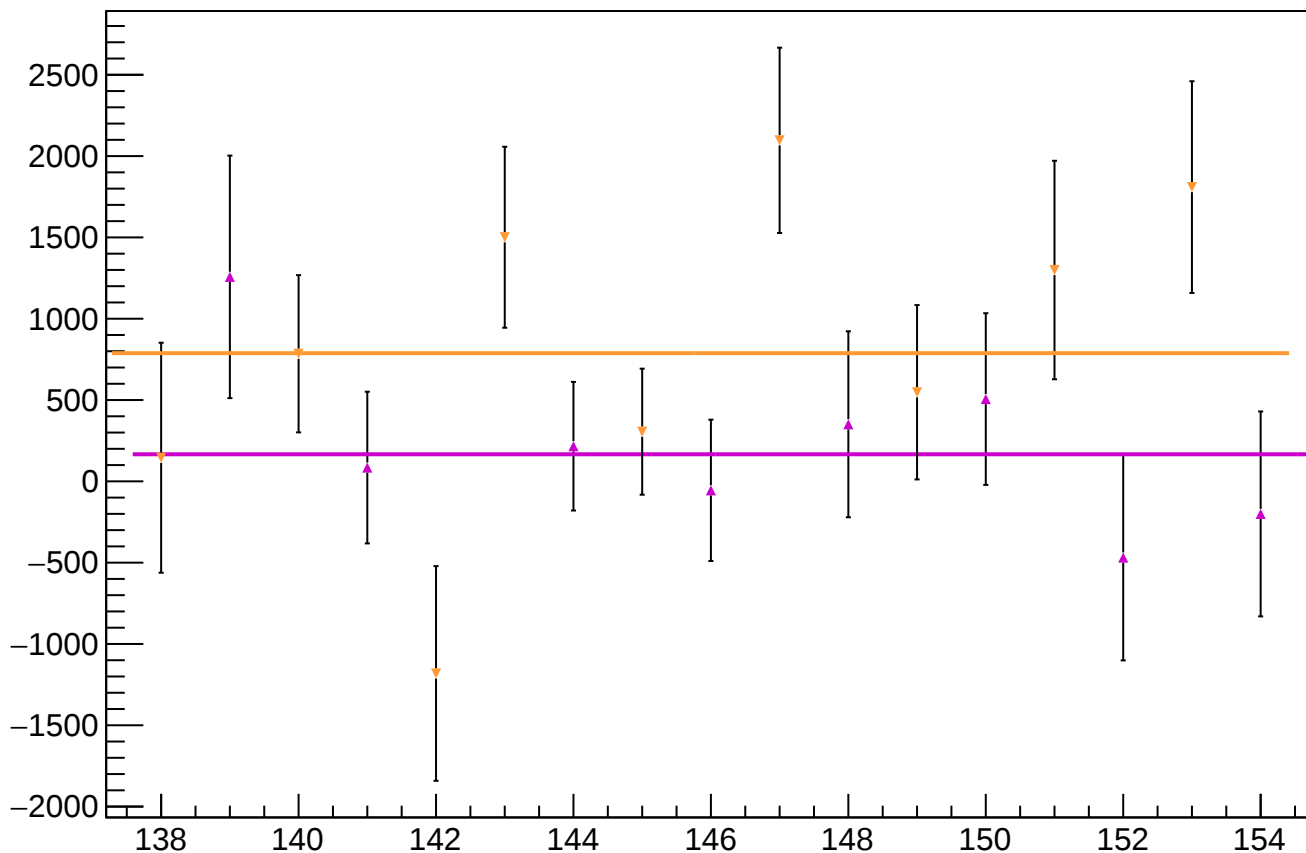
48.441+/-0.014 χ^2/NDF : 216328.8/8

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 788.246 $\pm$ 183.807 χ^2 /NDF: 21.4/8

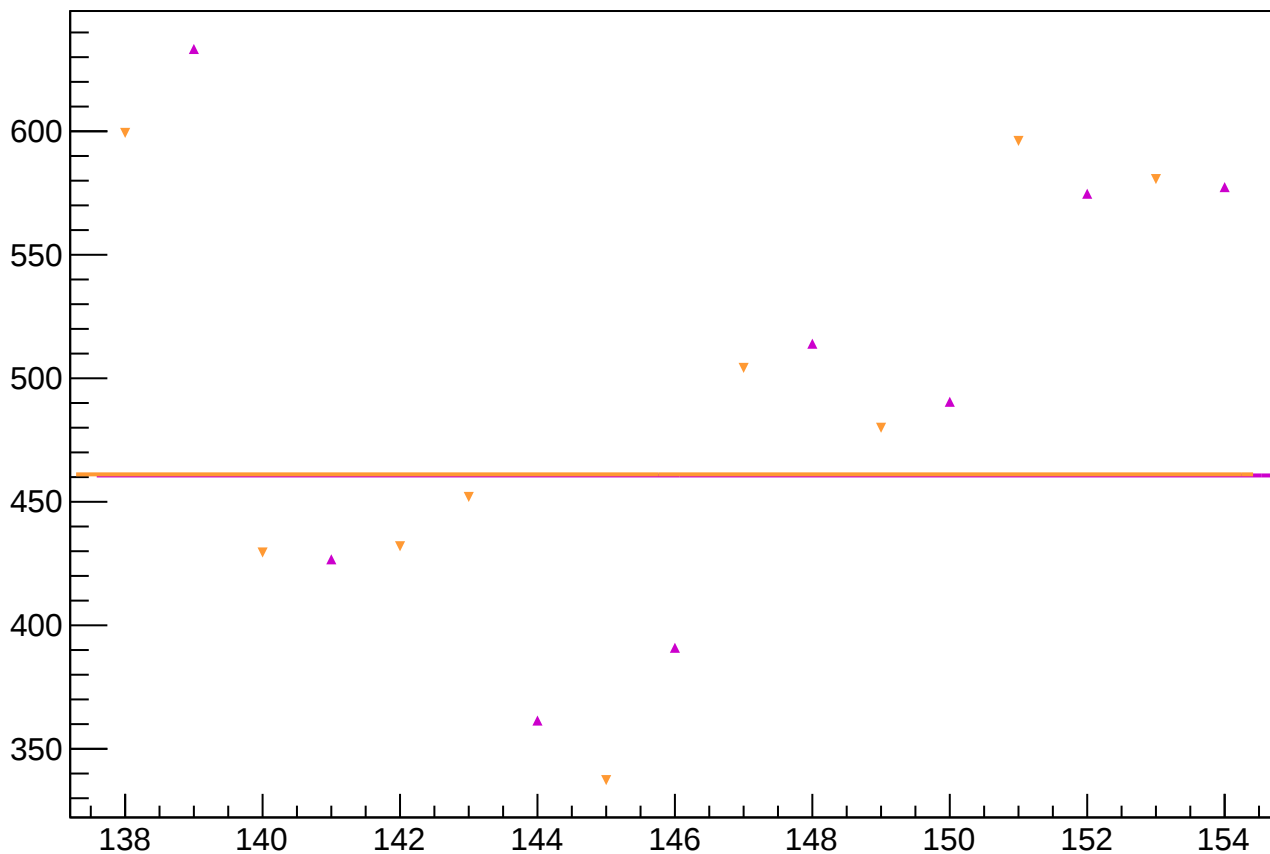
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 166.475 $\pm$ 183.341 χ^2 /NDF: 4.3/7

788.246 $\pm$ 183.807 χ^2 /NDF: 21.4/8

166.475 $\pm$ 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: 461.110+/-0.130 χ^2/NDF : 455638.3/8

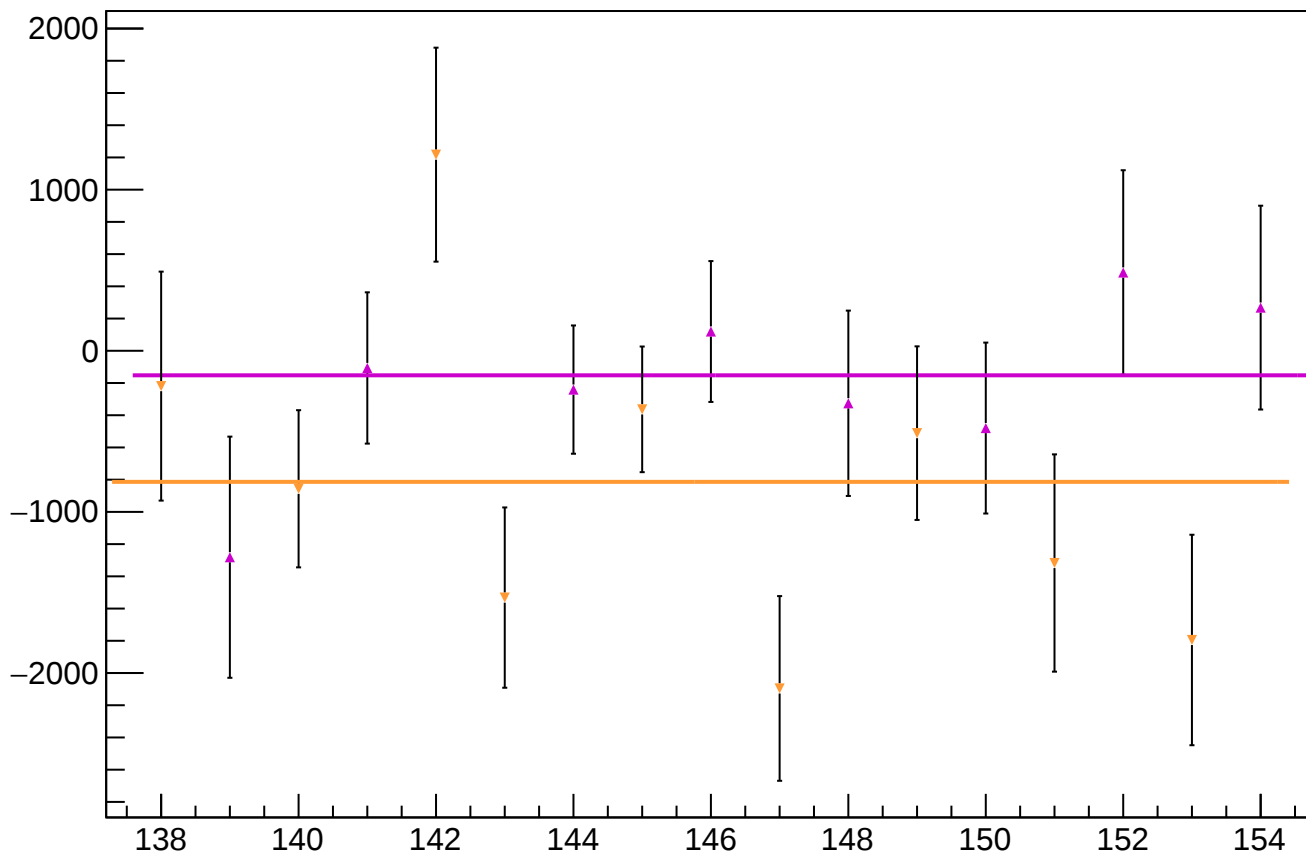
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 460.667+/-0.130 χ^2/NDF : 452663.3/7

461.110+/-0.130 χ^2/NDF : 455638.3/8

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: -813.570+/-184.884 χ^2/NDF : 21.2/8

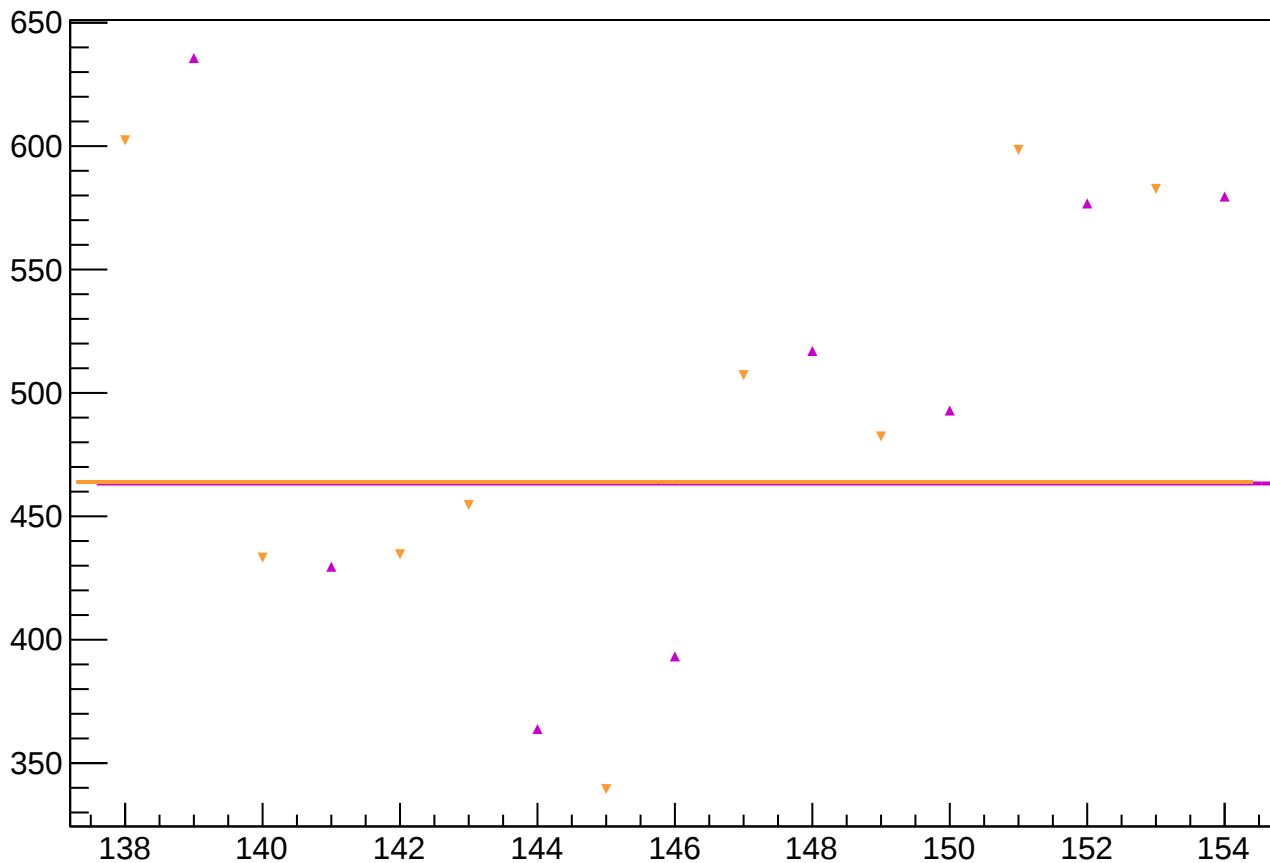
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -152.247+/-184.352 χ^2/NDF : 4.6/7

-813.570+/-184.884 χ^2/NDF : 21.2/8

-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: 463.909+/-0.131 χ^2/NDF : 451462.5/8

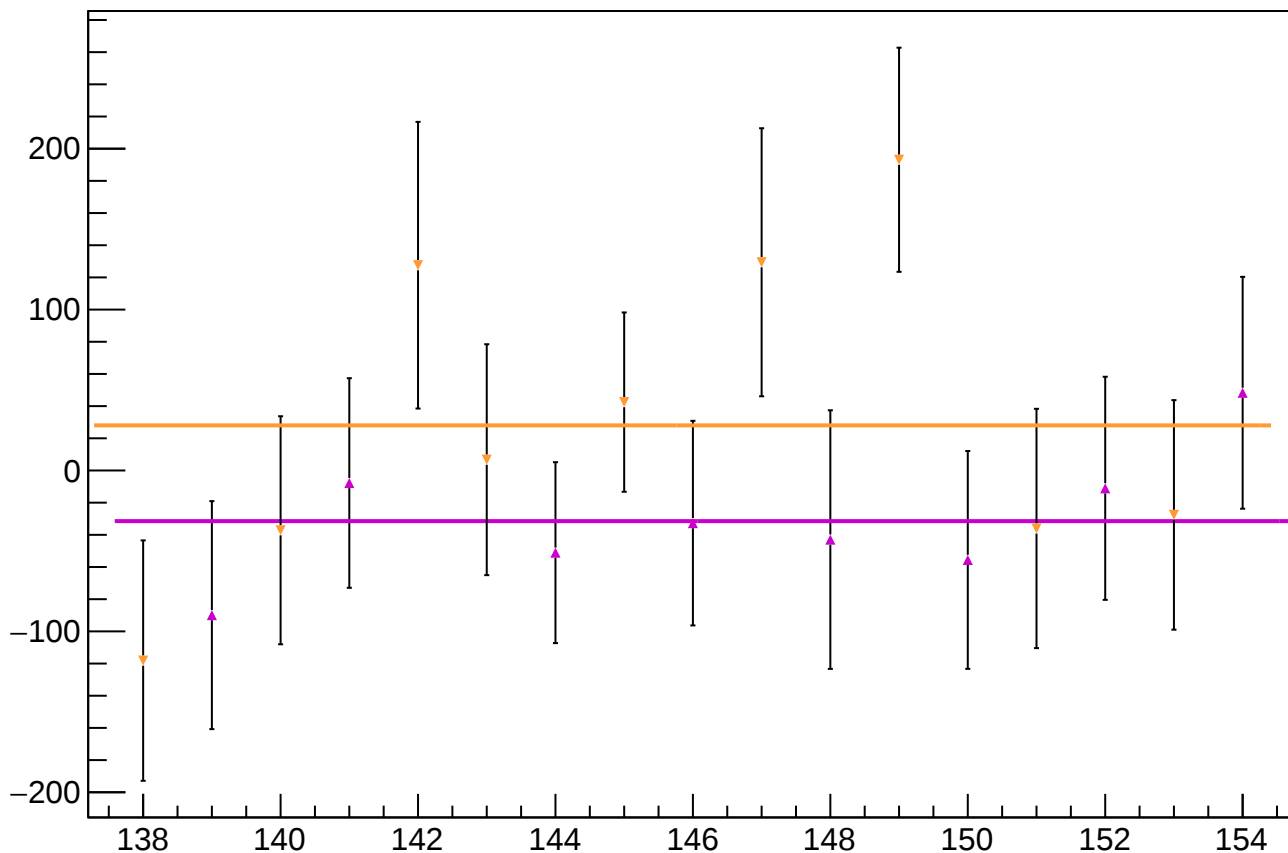
463.909+/-0.131 χ^2/NDF : 451462.5/8

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: 28.030+/-23.917 χ^2/NDF : 14.5/8

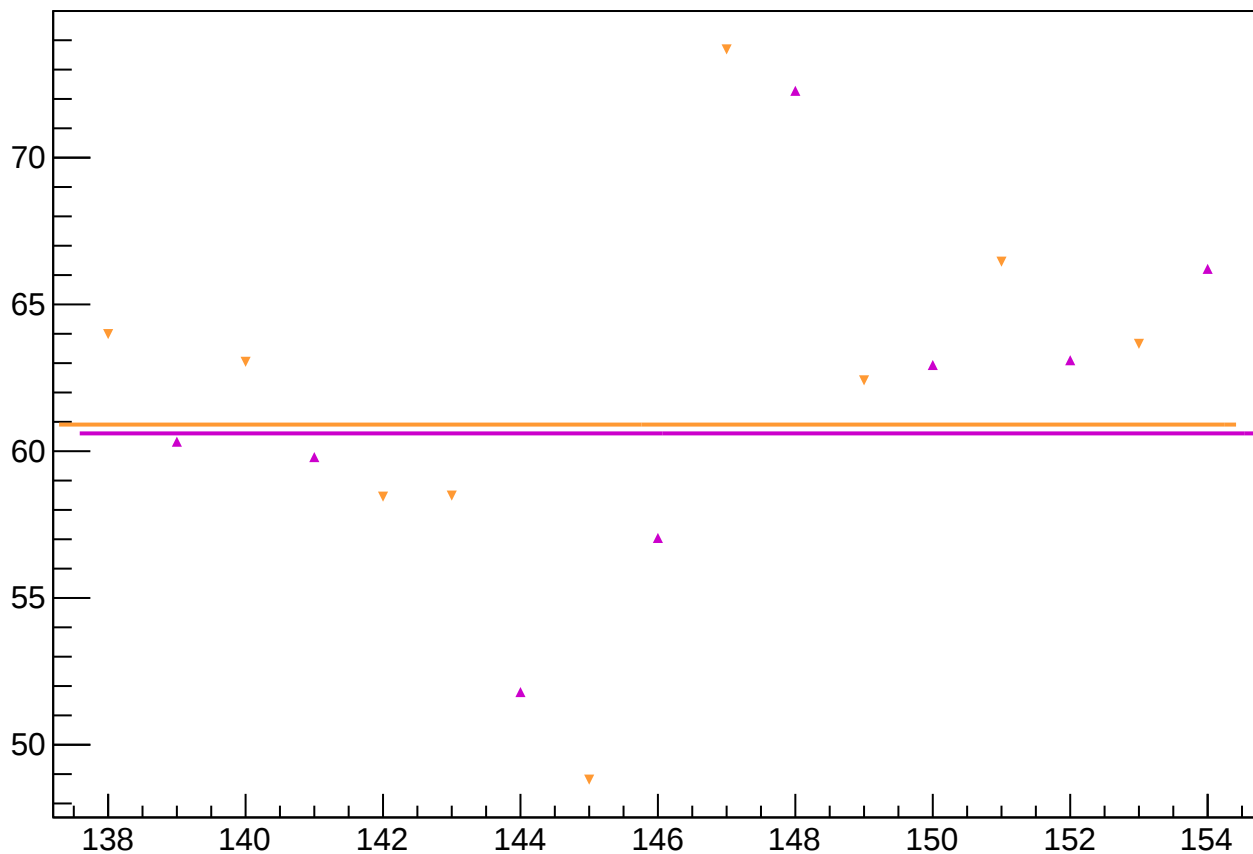
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.470+/-23.754 χ^2/NDF : 2.4/7

28.030+/-23.917 χ^2/NDF : 14.5/8

-31.470+/-23.754 χ^2/NDF : 2.4/7

reg_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 60.907 $\pm$ 0.017 χ^2/NDF :165378.3/8

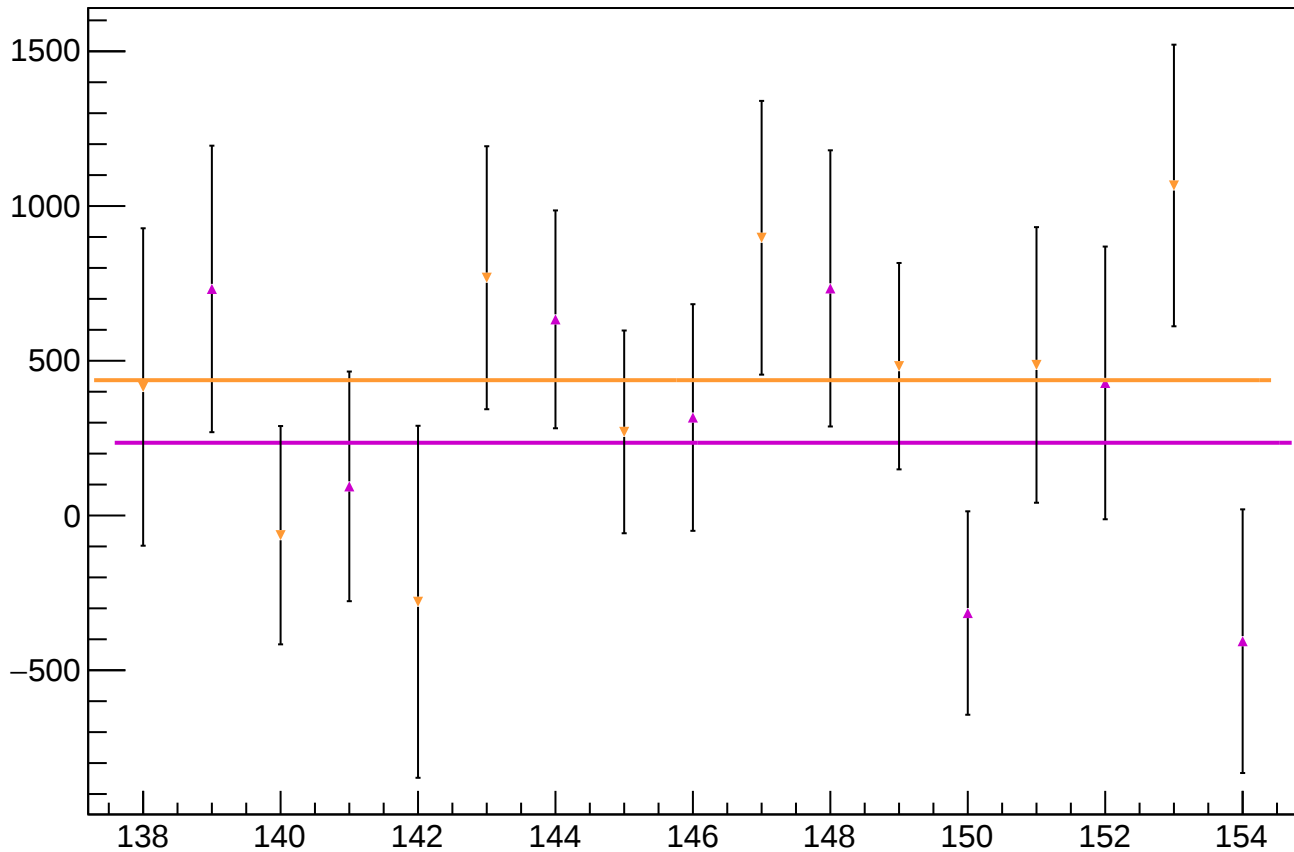
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 60.607 $\pm$ 0.017 χ^2/NDF :114965.2/7

60.907 $\pm$ 0.017 χ^2/NDF : 165378.3/8

60.607 $\pm$ 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: 437.273+/-136.379 χ^2/NDF : 7.5/8

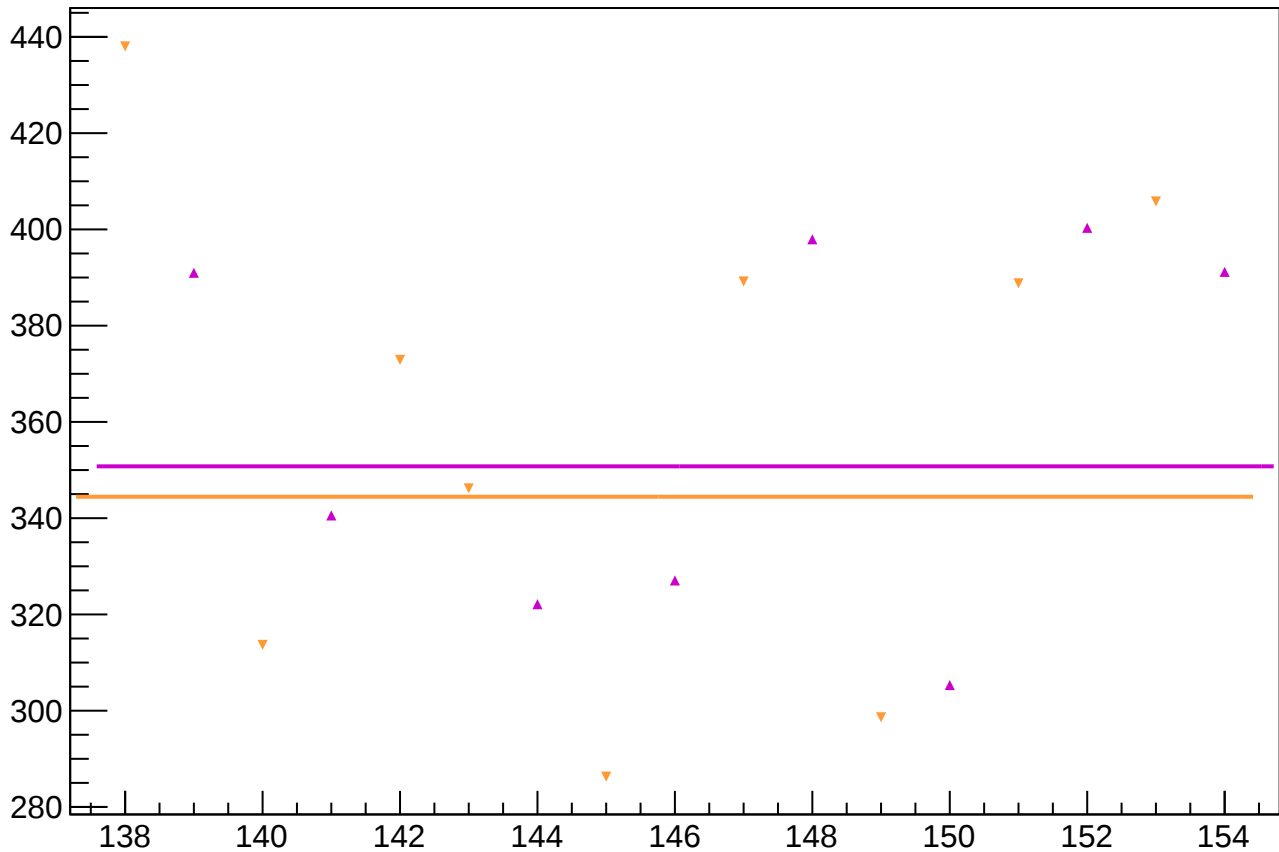
437.273+/-136.379 χ^2/NDF : 7.5/8

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

Left In: 235.058+/-138.145 χ^2/NDF : 9.1/7

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: 344.459+/-0.096 χ^2/NDF : 264311.0/8

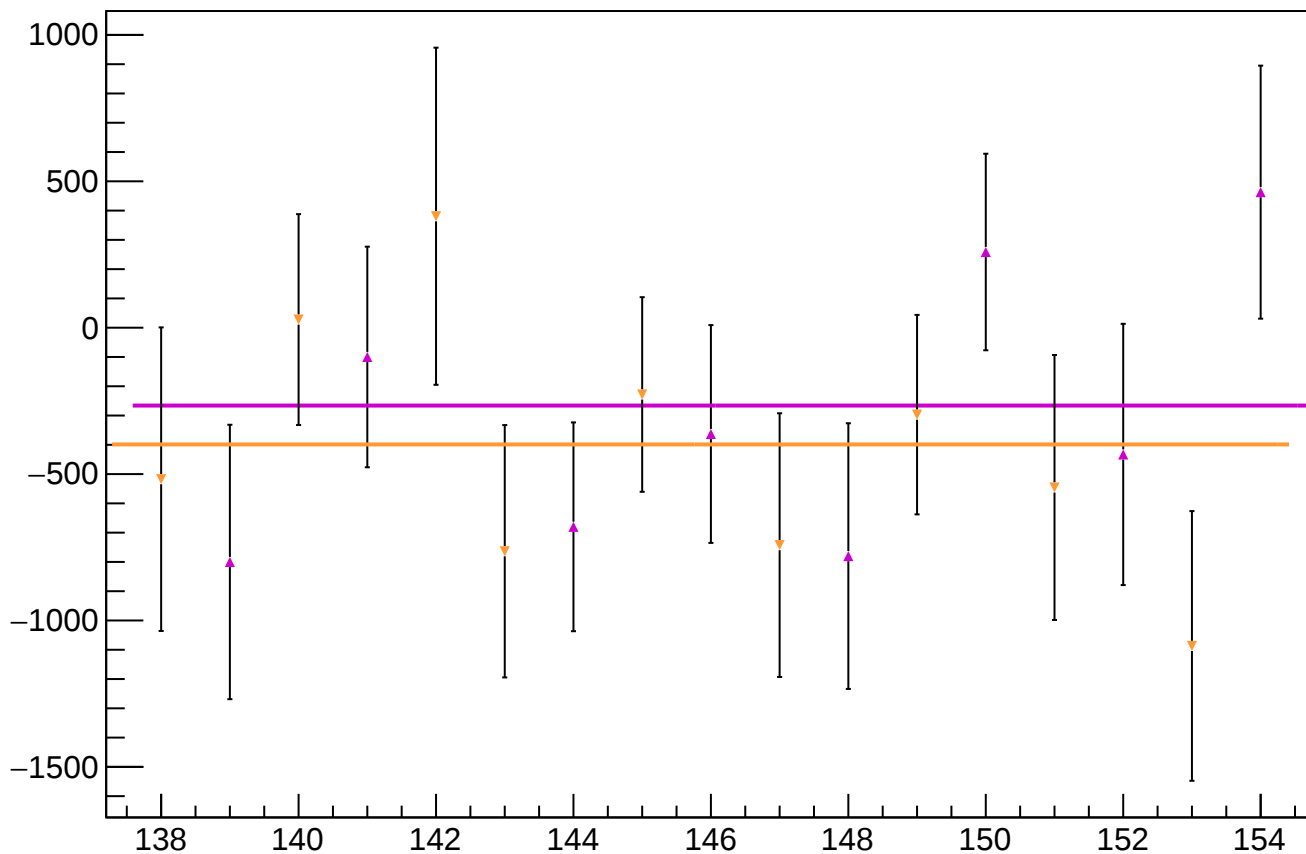
344.459+/-0.096 χ^2/NDF : 264311.0/8

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: -398.722+/-138.628 χ^2/NDF : 7.3/8

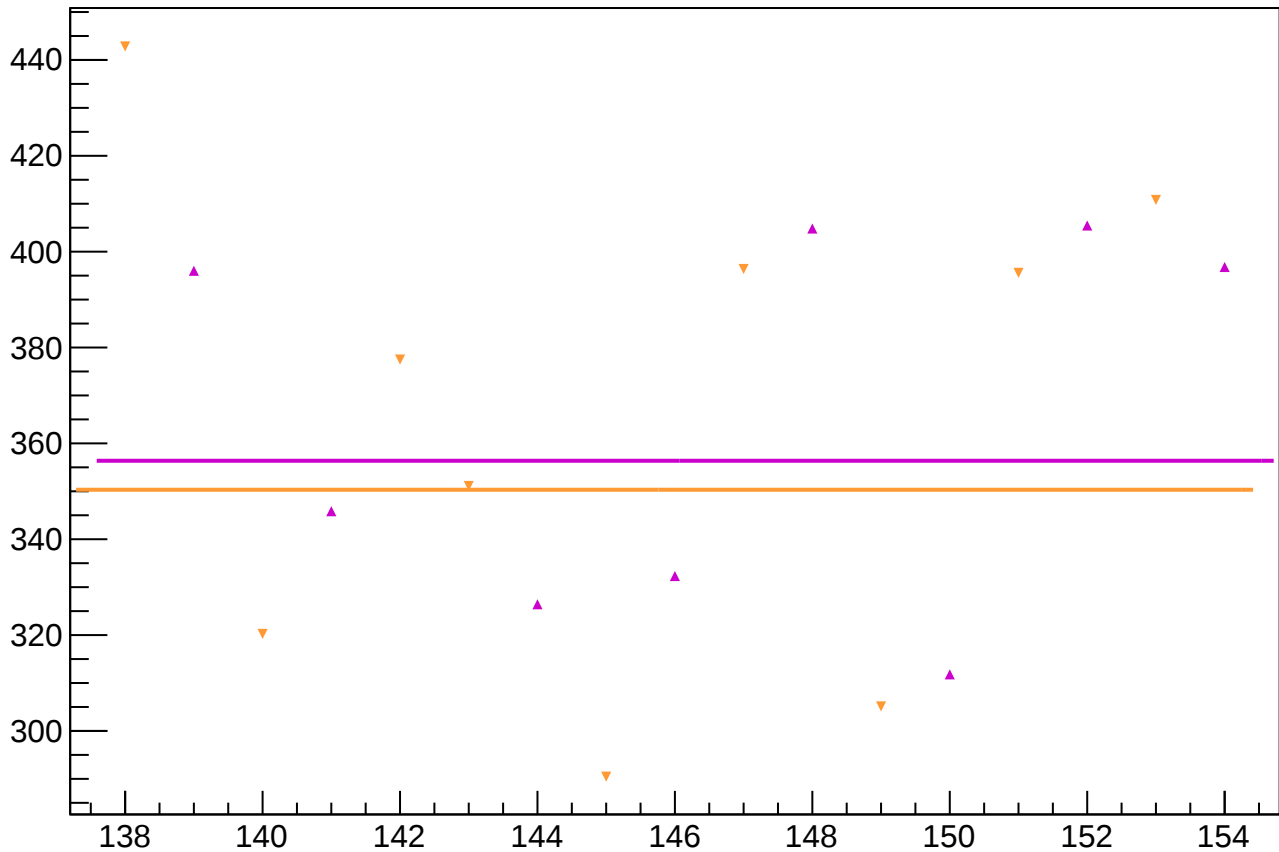
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -265.930+/-140.299 χ^2/NDF : 9.6/7

-398.722+/-138.628 χ^2/NDF : 7.3/8

-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: 350.326+/-0.098 χ^2/NDF : 257609.5/8

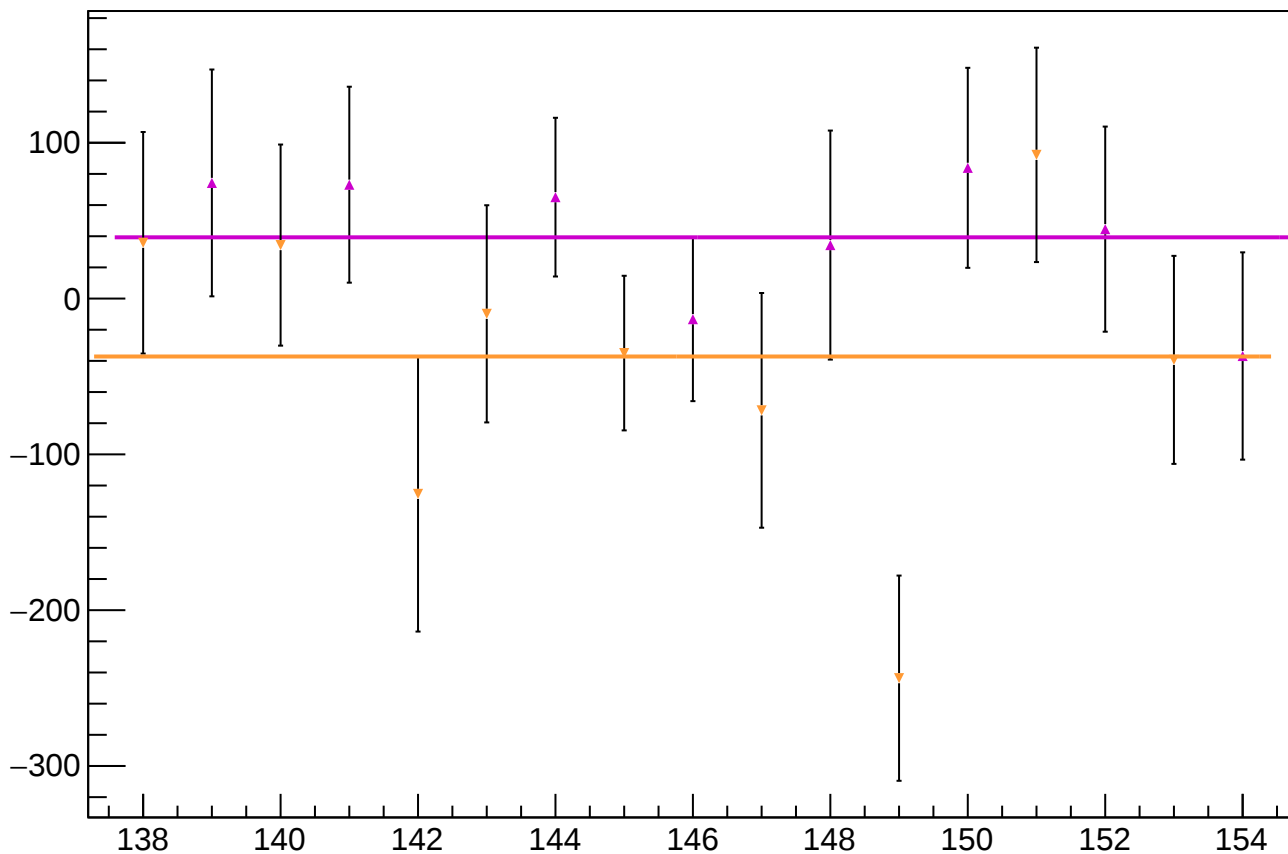
350.326+/-0.098 χ^2/NDF : 257609.5/8

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

Left In: 356.372+/-0.099 χ^2/NDF : 138122.8/7

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: -37.188+/-22.247 χ^2/NDF : 17.0/8

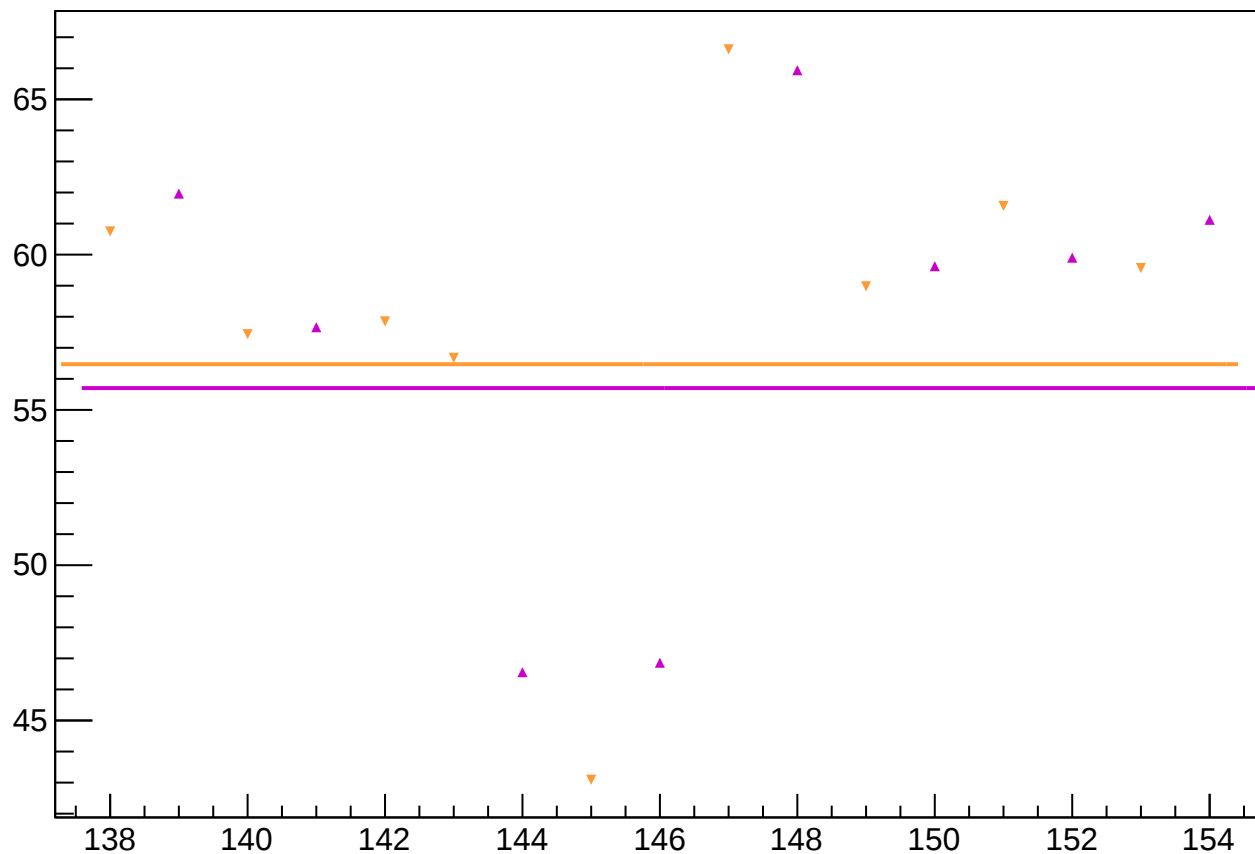
-37.188+/-22.247 χ^2/NDF : 17.0/8

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

Left In: 39.308+/-21.964 χ^2/NDF : 3.6/7

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: 56.471+/-0.016 χ^2/NDF : 207984.8/8

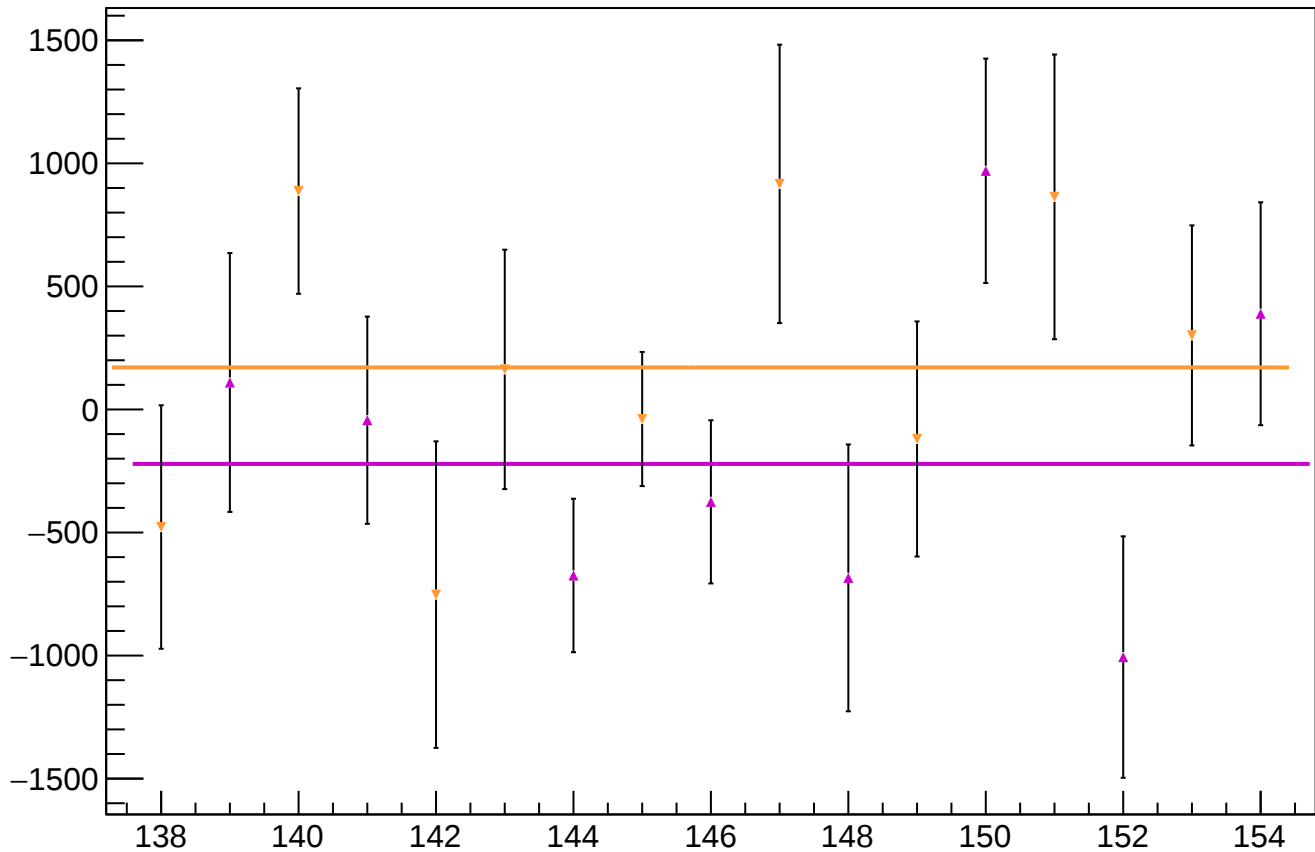
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 55.703+/-0.016 χ^2/NDF : 205421.9/7

56.471+/-0.016 χ^2/NDF : 207984.8/8

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: 170.906+/-148.095 χ^2/NDF : 11.1/8

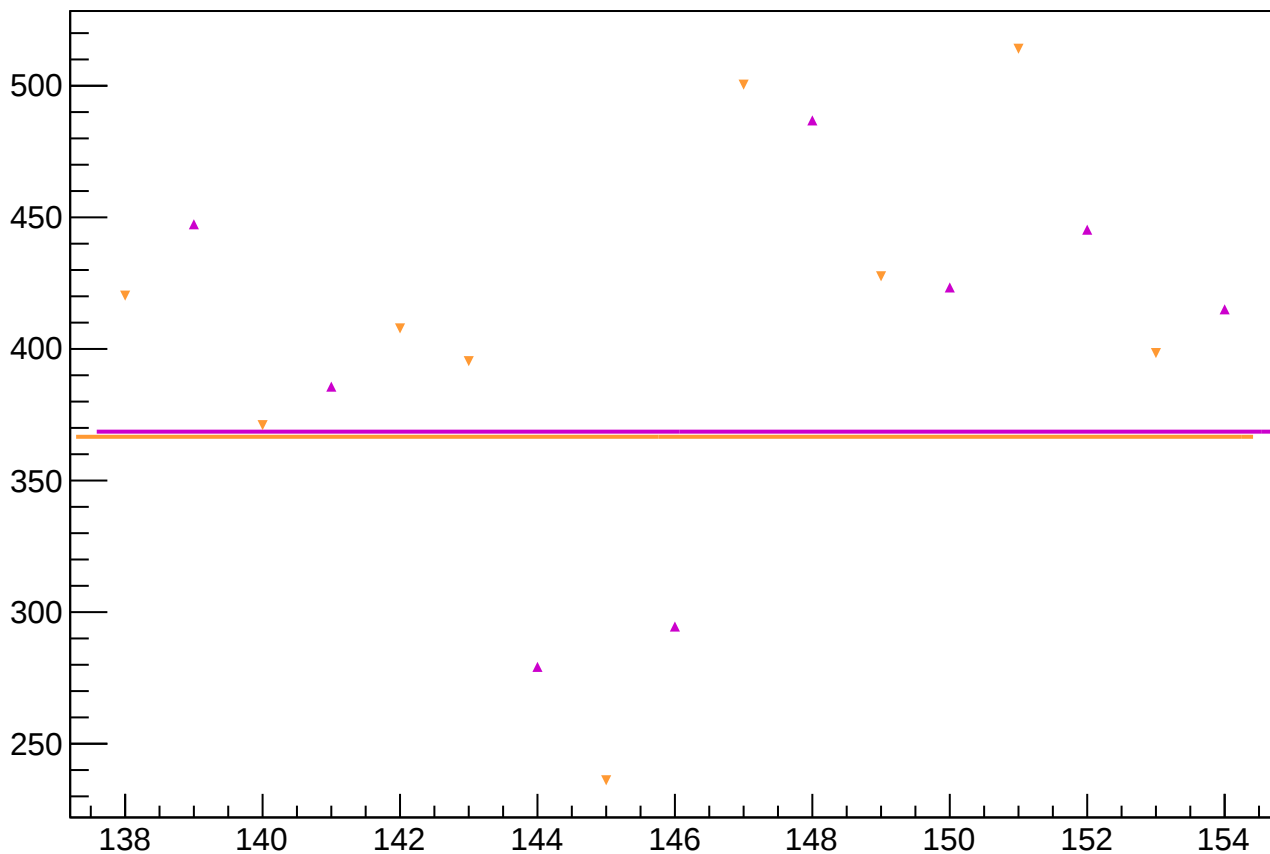
170.906+/-148.095 χ^2/NDF : 11.1/8

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

-221.215+/-147.629 χ^2/NDF : 14.8/7

Left In: -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: 366.623+/-0.105 χ^2/NDF : 782769.4/8

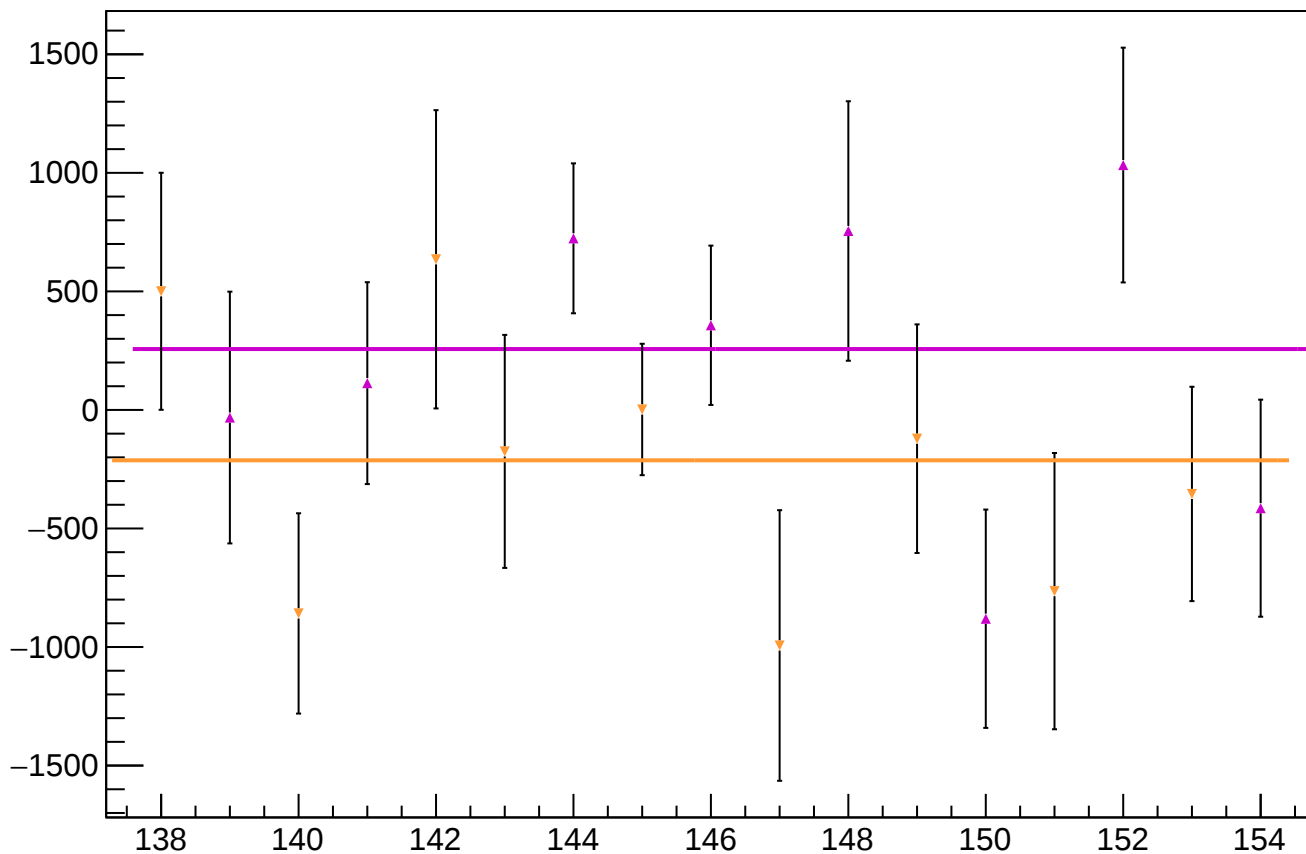
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 368.578+/-0.104 χ^2/NDF : 506362.9/7

366.623+/-0.105 χ^2/NDF : 782769.4/8

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: -212.503 $\pm$ 149.898 χ^2 /NDF: 9.7/8

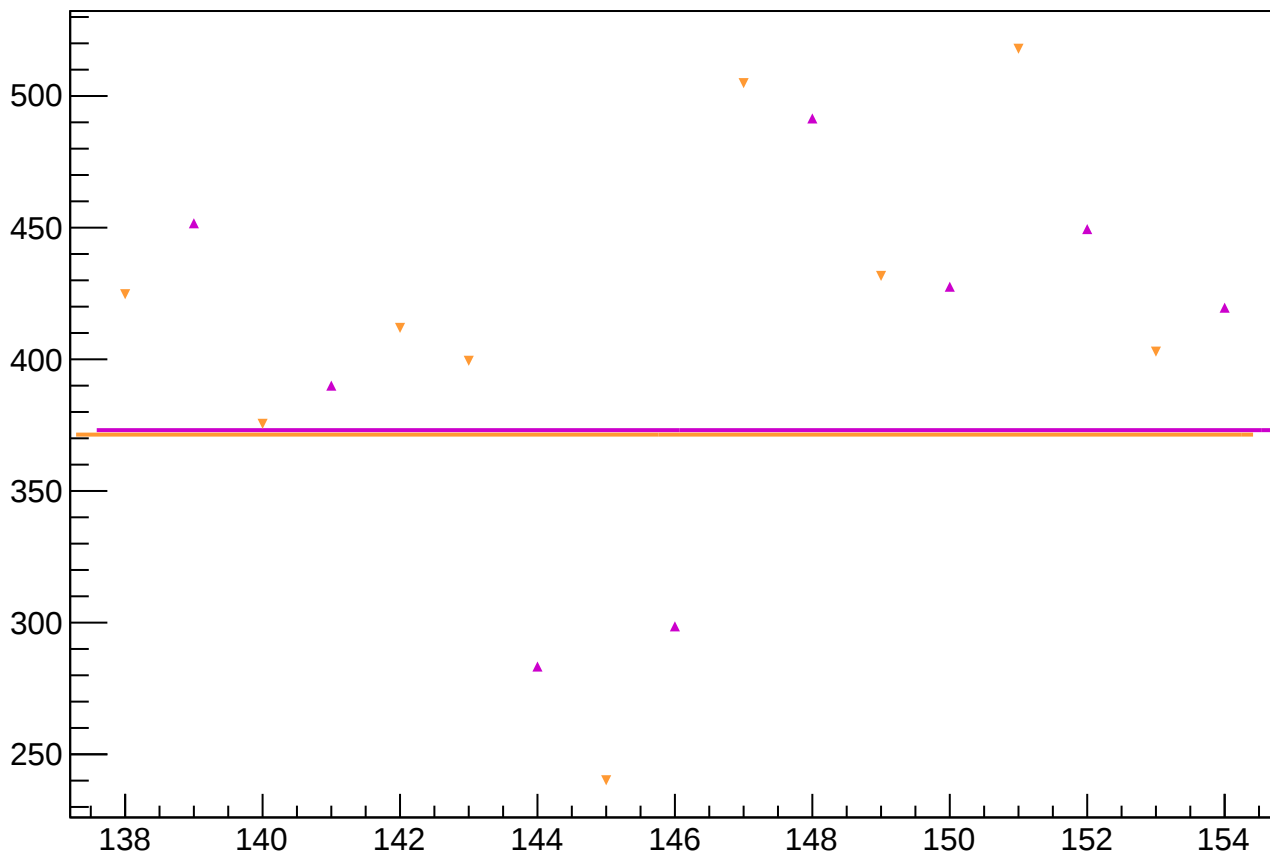
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 256.828 $\pm$ 149.358 χ^2 /NDF: 14.2/7

-212.503 $\pm$ 149.898 χ^2 /NDF: 9.7/8

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: 371.409+/-0.106 χ^2/NDF : 763397.7/8

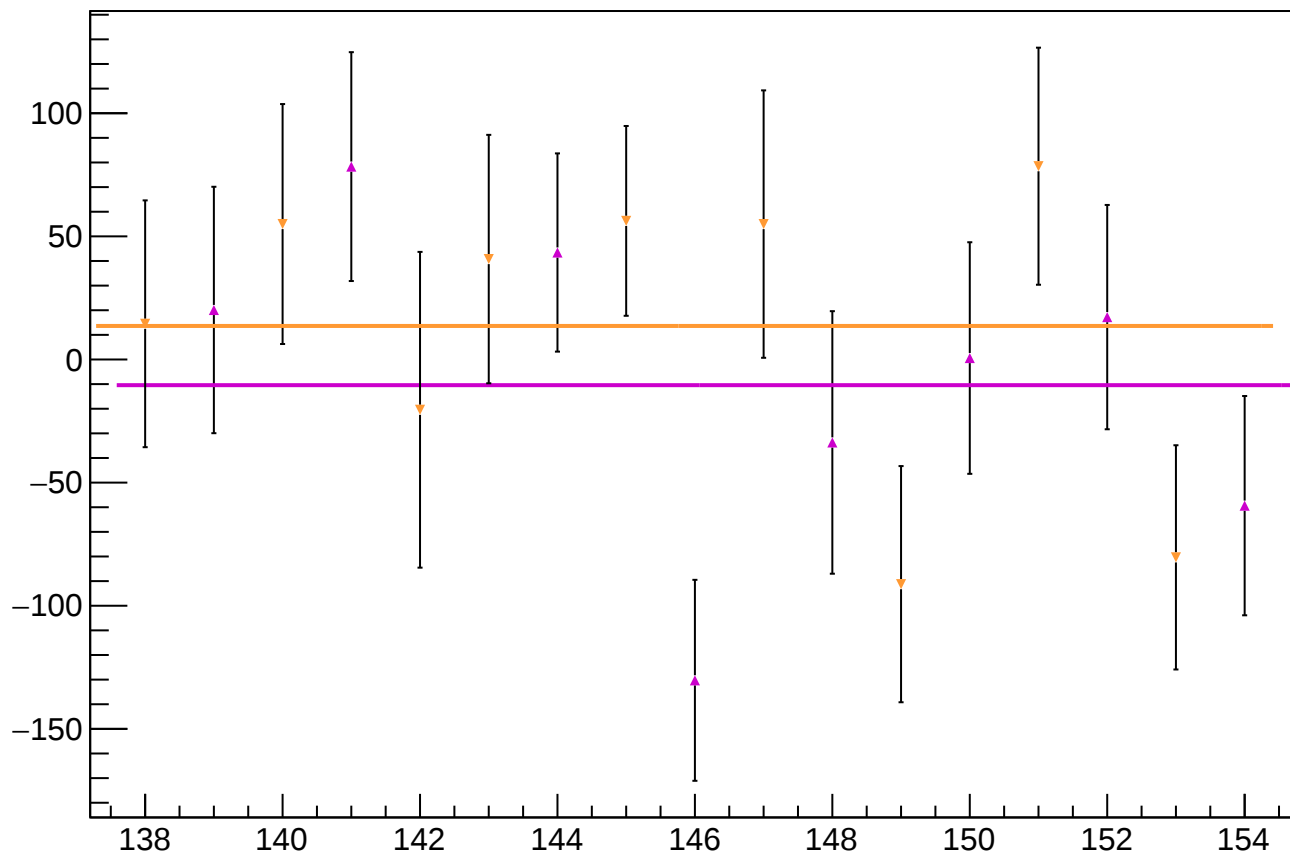
371.409+/-0.106 χ^2/NDF : 763397.7/8

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

373.101+/-0.106 χ^2/NDF : 496276.1/7

Left In: 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: 13.618+/-16.185 χ^2/NDF :14.0/8

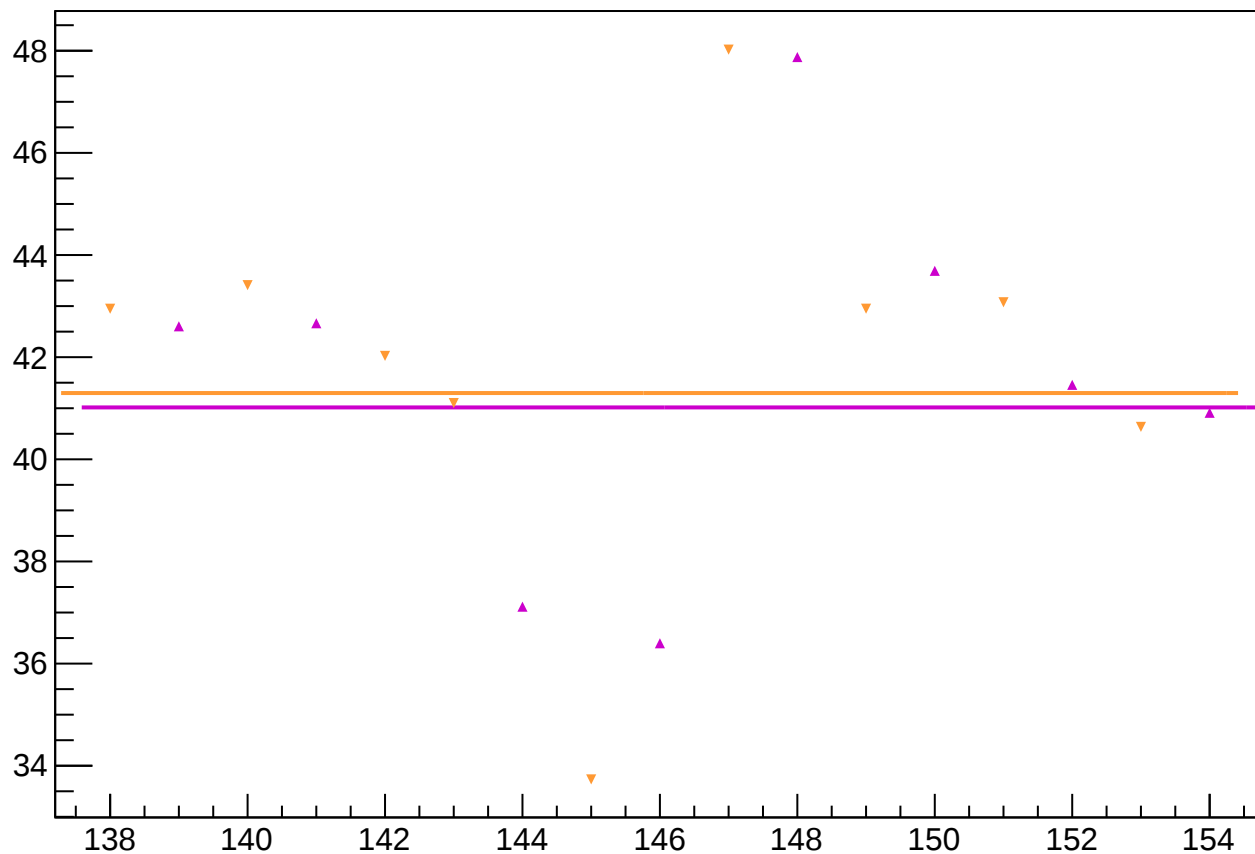
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.428+/-16.072 χ^2/NDF :16.3/7

13.618+/-16.185 χ^2/NDF : 14.0/8

-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: 41.298+/-0.011 χ^2/NDF :119483.9/8

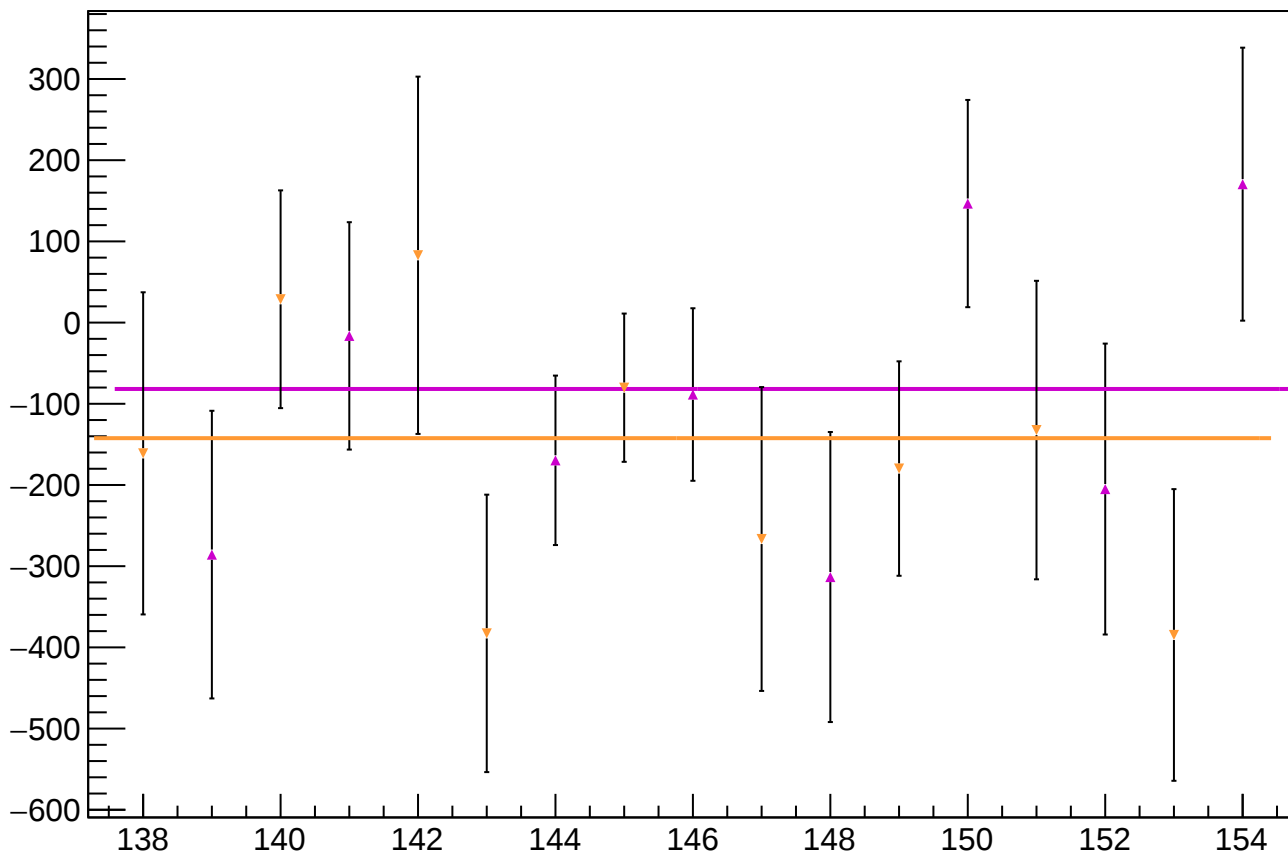
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.016+/-0.011 χ^2/NDF :88741.9/7

41.298+/-0.011 χ^2/NDF : 119483.9/8

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: -142.335+/-49.849 χ^2/NDF : 7.5/8

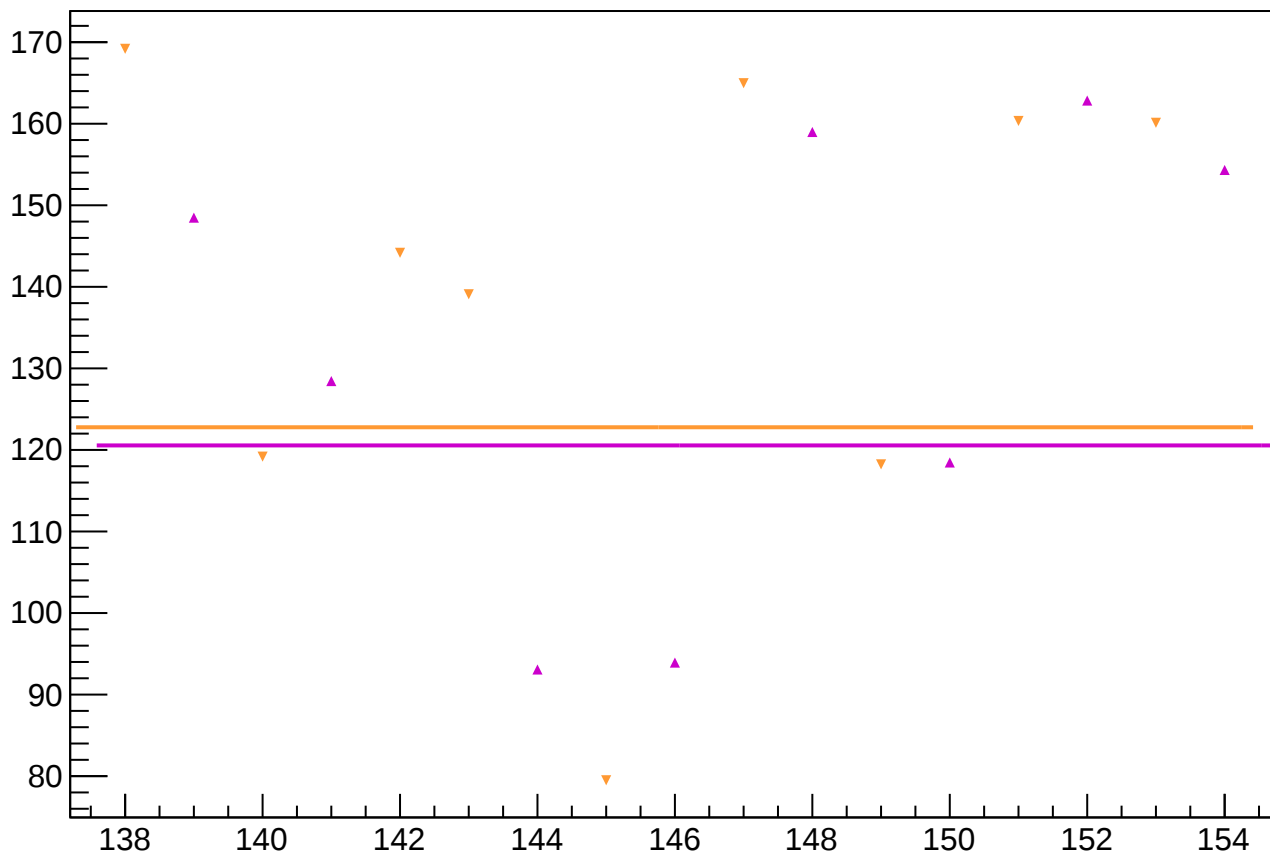
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.747+/-48.644 χ^2/NDF : 9.9/7

-142.335+/-49.849 χ^2/NDF : 7.5/8

-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: 122.779+/-0.035 χ^2/NDF : 871590.4/8

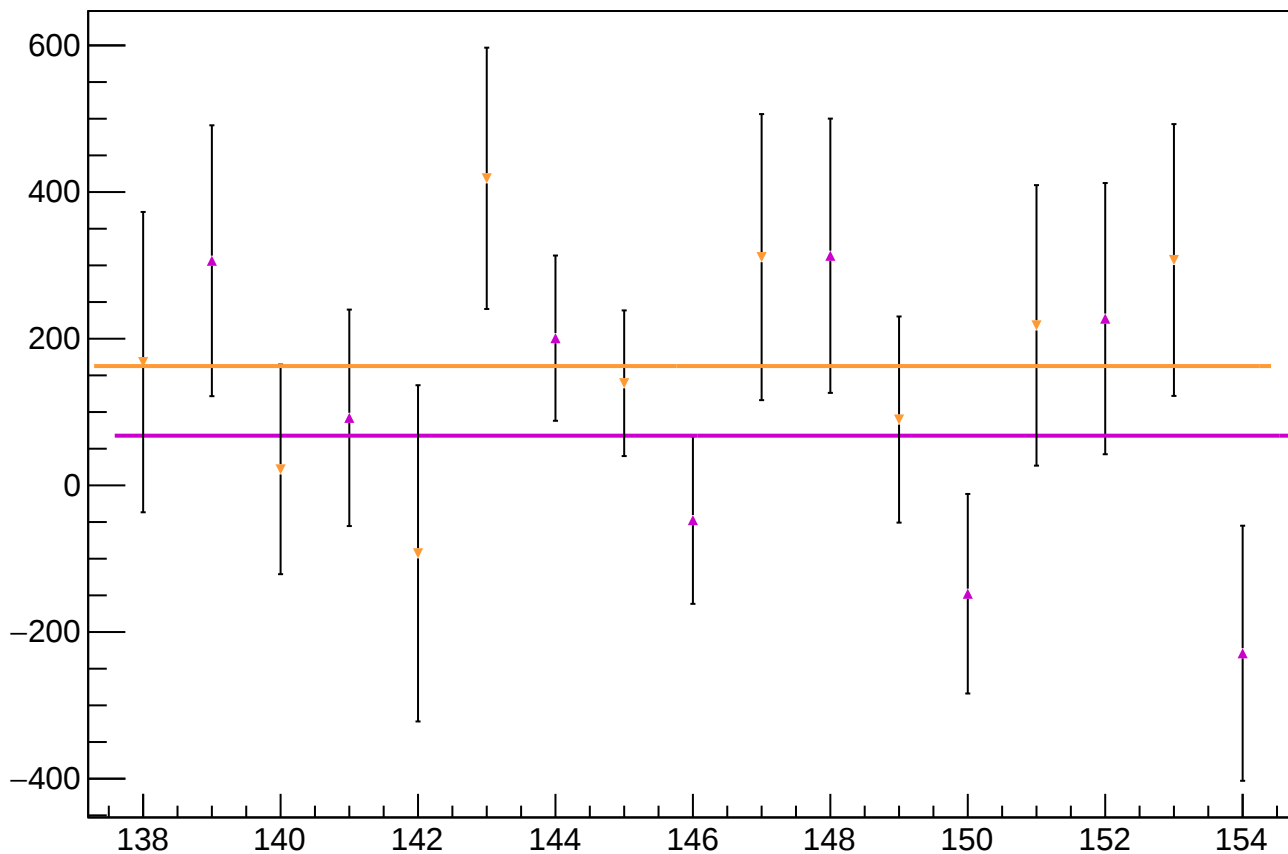
122.779+/-0.035 χ^2/NDF : 871590.4/8

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

120.553+/-0.034 χ^2/NDF : 605744.6/7

Left In: 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: 162.704+/-52.848 χ^2/NDF : 5.9/8

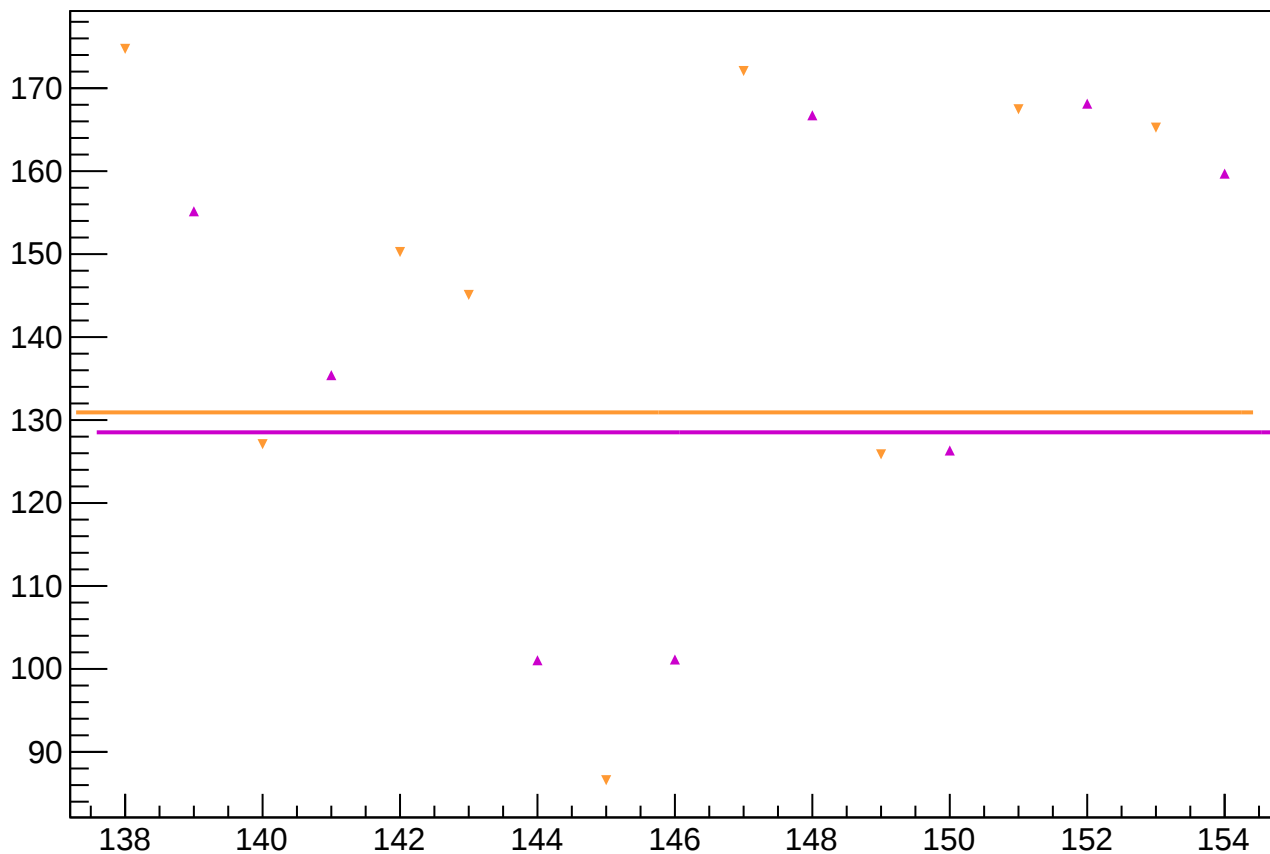
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 67.777+/-51.605 χ^2/NDF : 12.0/7

162.704+/-52.848 χ^2/NDF : 5.9/8

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: 130.924+/-0.037 χ^2/NDF : 751467.2/8

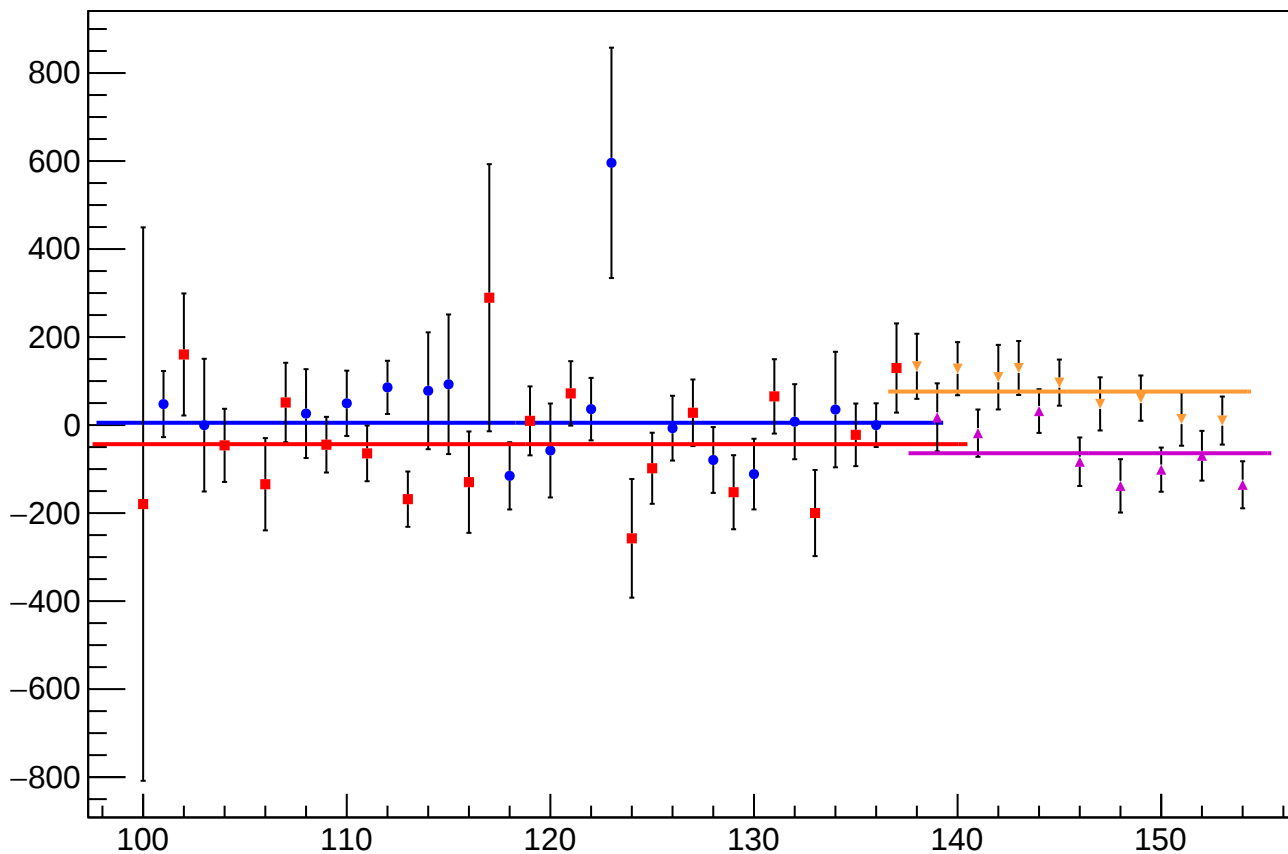
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 128.520+/-0.036 χ^2/NDF : 519829.8/7

130.924+/-0.037 χ^2/NDF : 751467.2/8

128.520+/-0.036 χ^2/NDF : 519829.8/7

reg_asym_sam_1357_avg_mean vs Slug



Right In: 5.220 ± 20.150 $\chi^2/\text{NDF}: 14.7/16$

Left Out: 76.169 ± 19.871 $\chi^2/\text{NDF}: 5.3/8$

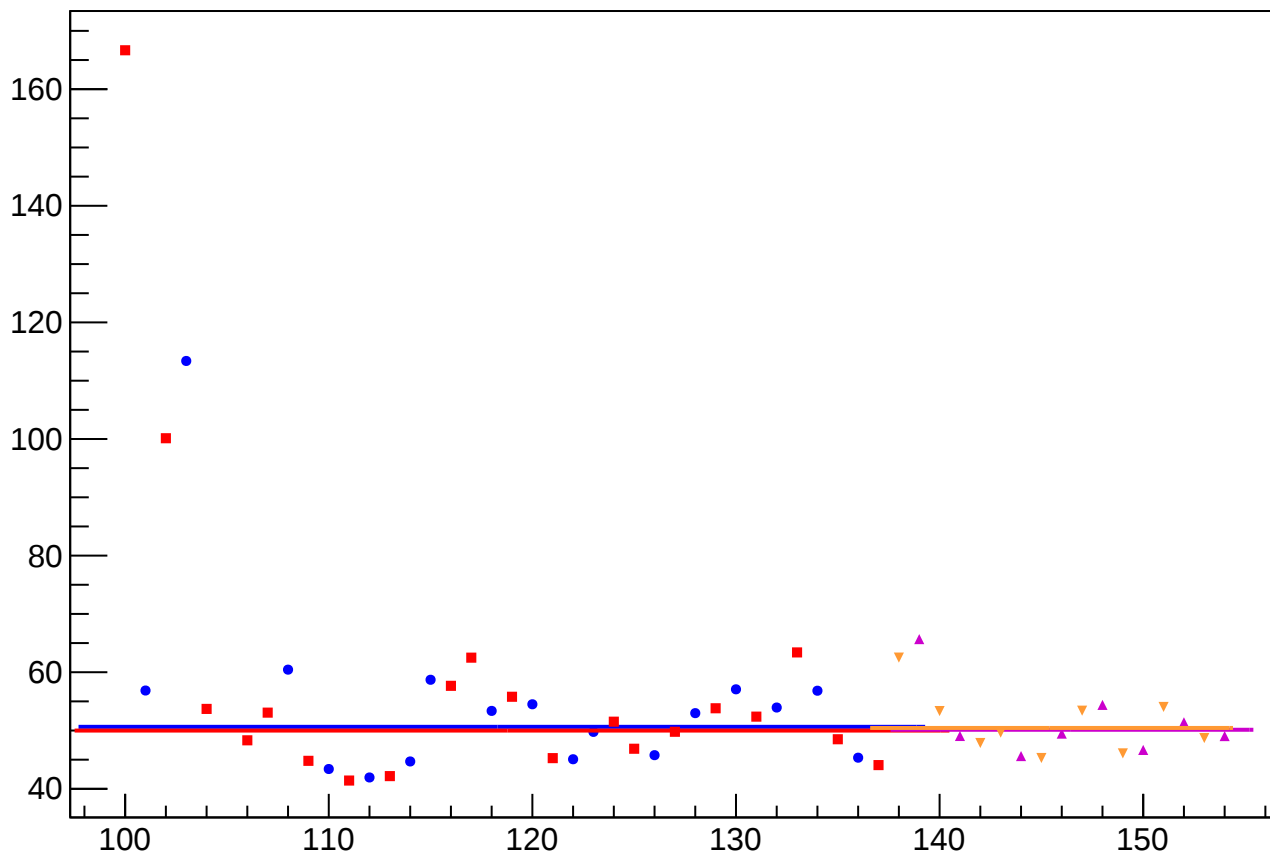
Right Out: -43.354 ± 19.371 $\chi^2/\text{NDF}: 25.6/19$

Left In: -63.963 ± 19.690 $\chi^2/\text{NDF}: 9.5/7$

41.189 ± 14.149 $\chi^2/\text{NDF}: 26.3/25$

-53.490 ± 13.809 $\chi^2/\text{NDF}: 35.7/27$

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.635 $\pm$ 0.014 χ^2 /NDF: 519687.1/16

Left Out: 50.442 $\pm$ 0.014 χ^2 /NDF:108216.8/8

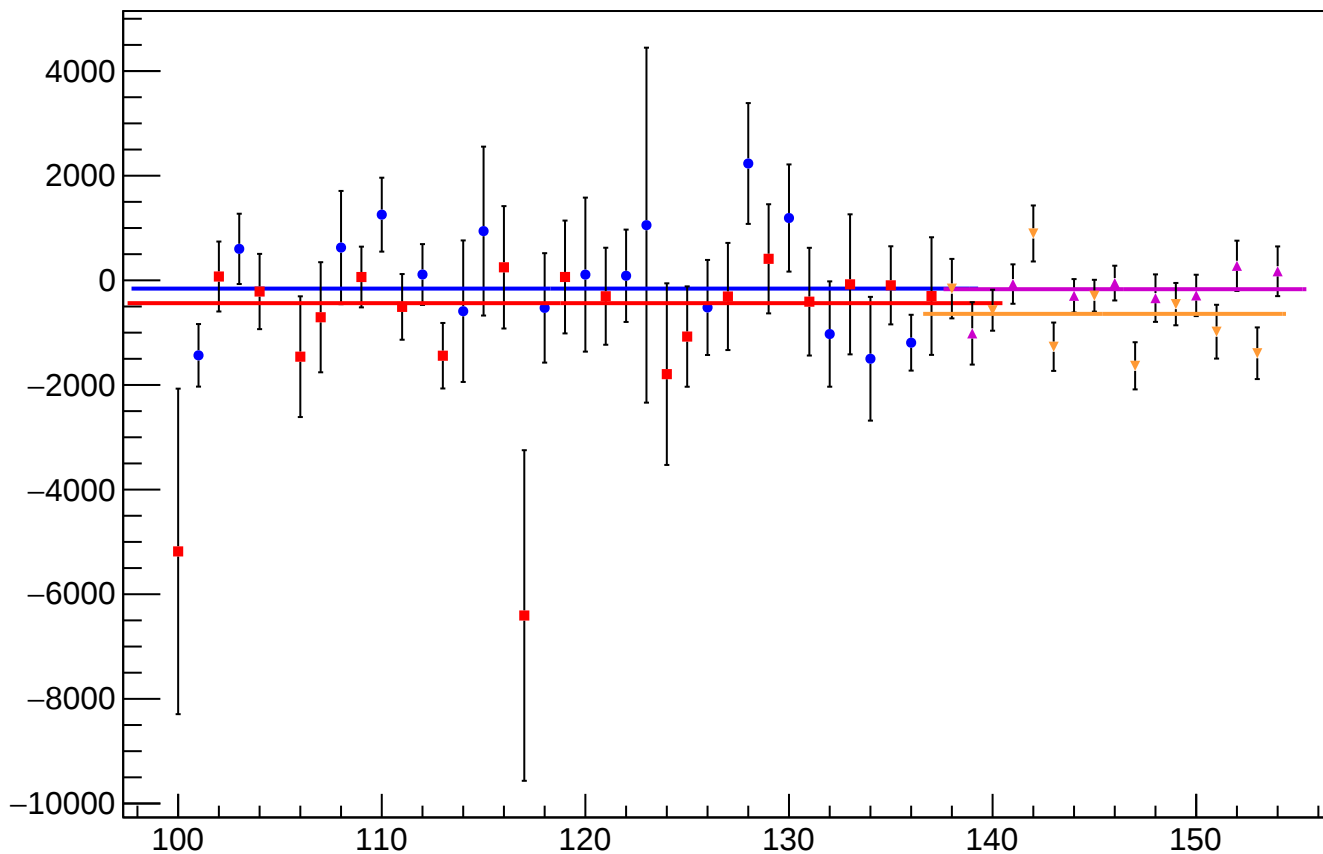
Right Out: 49.994 $\pm$ 0.014 χ^2 /NDF: 503898.1/19

Left In: 50.131 $\pm$ 0.014 χ^2 /NDF:119678.4/7

50.537 $\pm$ 0.010 χ^2 /NDF: 627996.8/25

50.061 $\pm$ 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: -640.984 ± 145.057 χ^2/NDF : 20.0/8

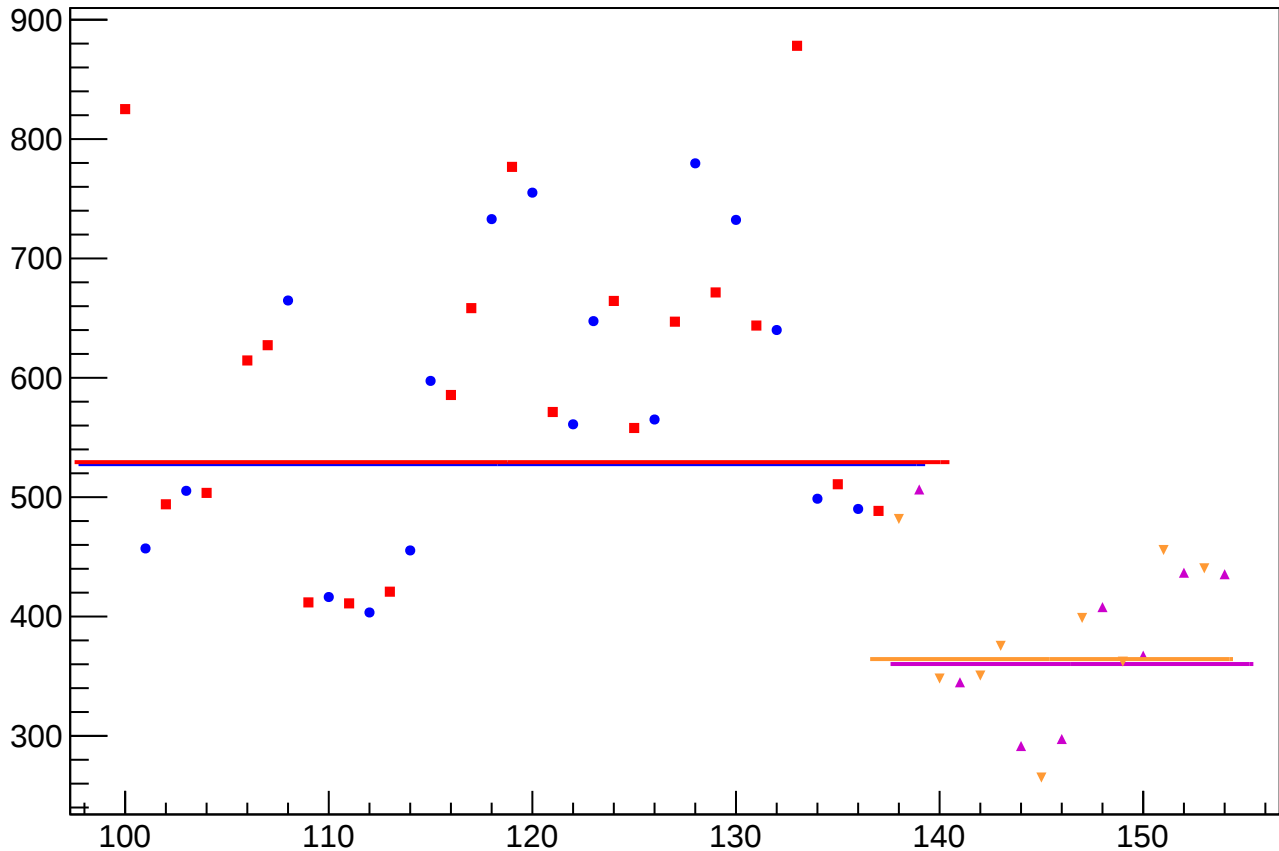
Right Out: -436.410 ± 203.212 χ^2/NDF : 13.4/19

Left In: -169.366 ± 143.217 χ^2/NDF : 4.0/7

-485.156 ± 119.385 χ^2/NDF : 47.0/25

-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: 364.358 $\pm$ 0.103 χ^2/NDF : 426868.3/8

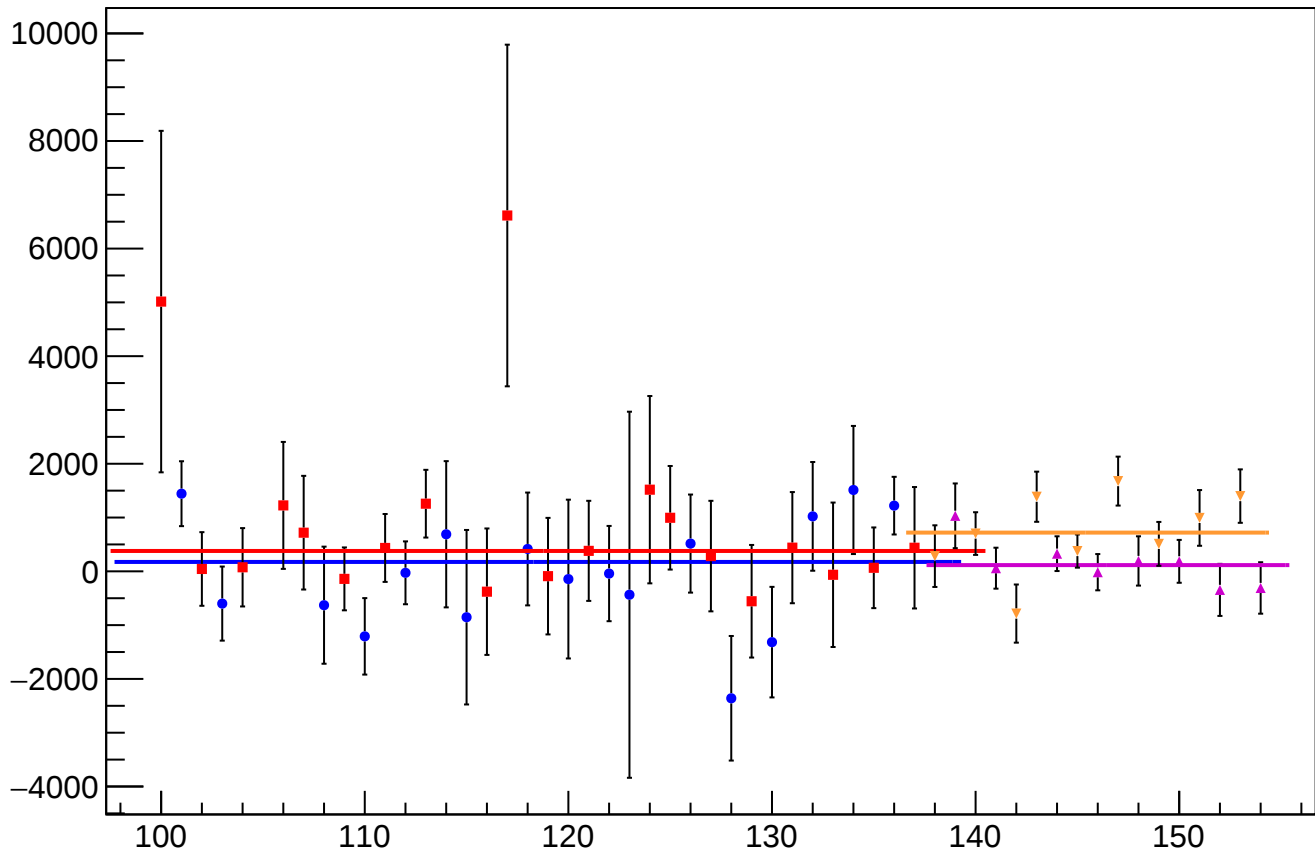
Right Out: 529.342 $\pm$ 0.144 χ^2/NDF : 626714.3/19

Left In: 360.212 $\pm$ 0.101 χ^2/NDF : 411373.2/7

417.047 $\pm$ 0.084 χ^2/NDF : 1802120.8/25

416.340 $\pm$ 0.083 χ^2/NDF : 1963731.1/27

asym_sam_1357_avg_mean vs Slug



Right In: 174.605+/-211.662 χ^2/NDF : 23.7/16

Left Out: 720.086+/-146.559 χ^2/NDF : 18.5/8

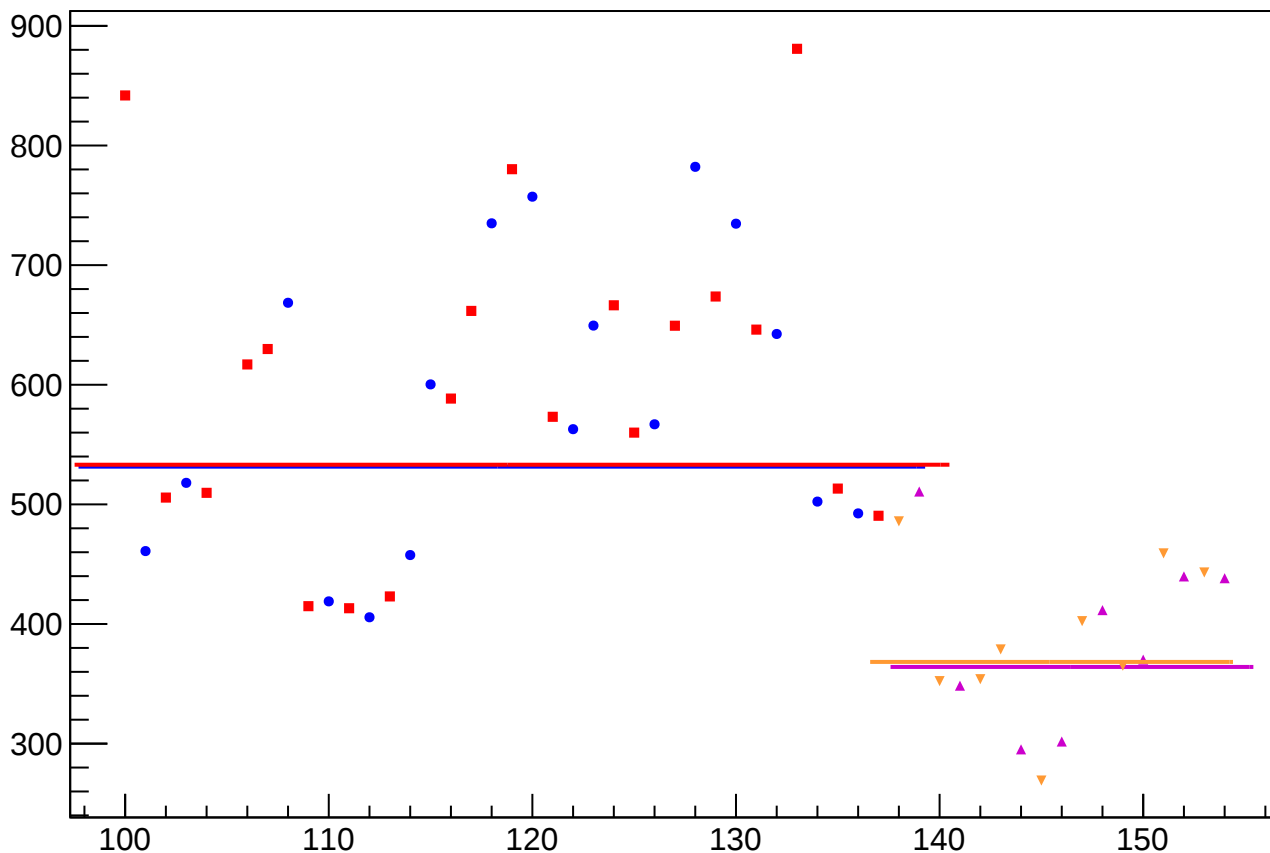
Right Out: 378.609+/-204.777 χ^2/NDF : 12.3/19

Left In: 115.787+/-144.696 χ^2/NDF : 4.7/7

543.312+/-120.493 χ^2/NDF : 46.6/25

203.311+/-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: 368.305 $\pm$ 0.104 χ^2 /NDF: 414400.1/8

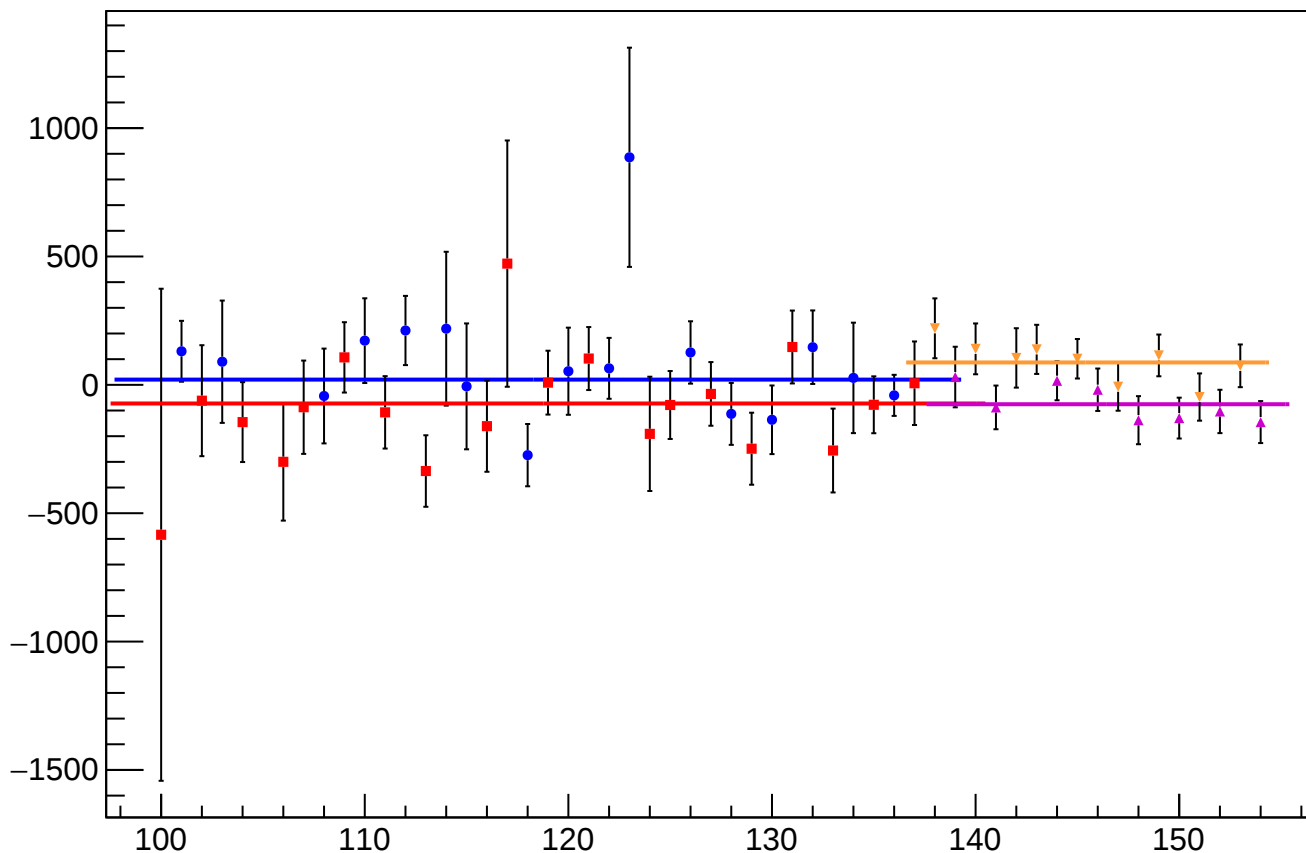
Right Out: 533.157 $\pm$ 0.145 χ^2 /NDF: 619038.4/19

Left In: 364.108 $\pm$ 0.102 χ^2 /NDF: 400730.6/7

421.209 $\pm$ 0.085 χ^2 /NDF: 1768653.8/25

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: 87.258 ± 30.761 χ^2/NDF : 5.2/8

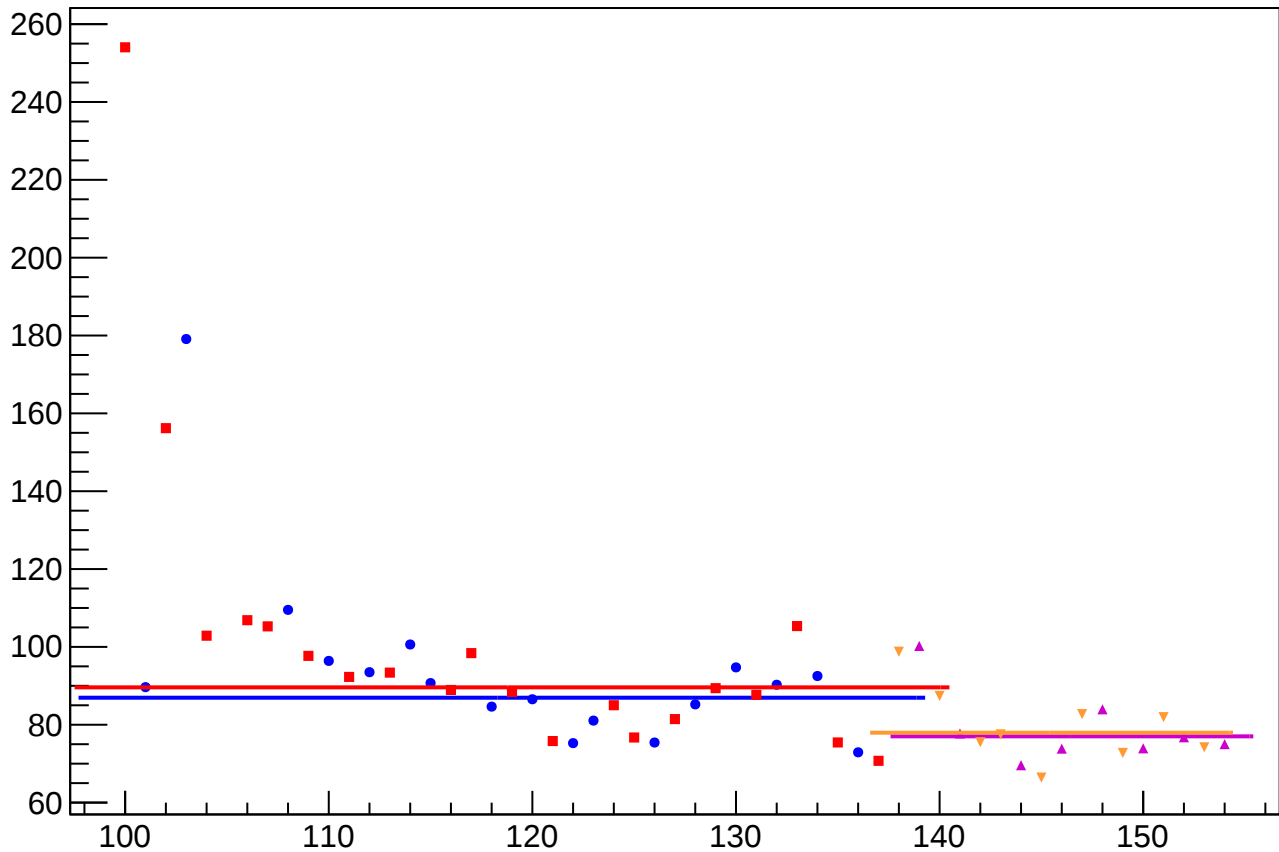
Right Out: -72.603 ± 34.608 χ^2/NDF : 16.7/19

Left In: -75.483 ± 30.274 χ^2/NDF : 4.5/7

57.744 ± 22.984 χ^2/NDF : 26.6/25

-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: 77.959+/-0.022 χ^2/NDF : 148921.1/8

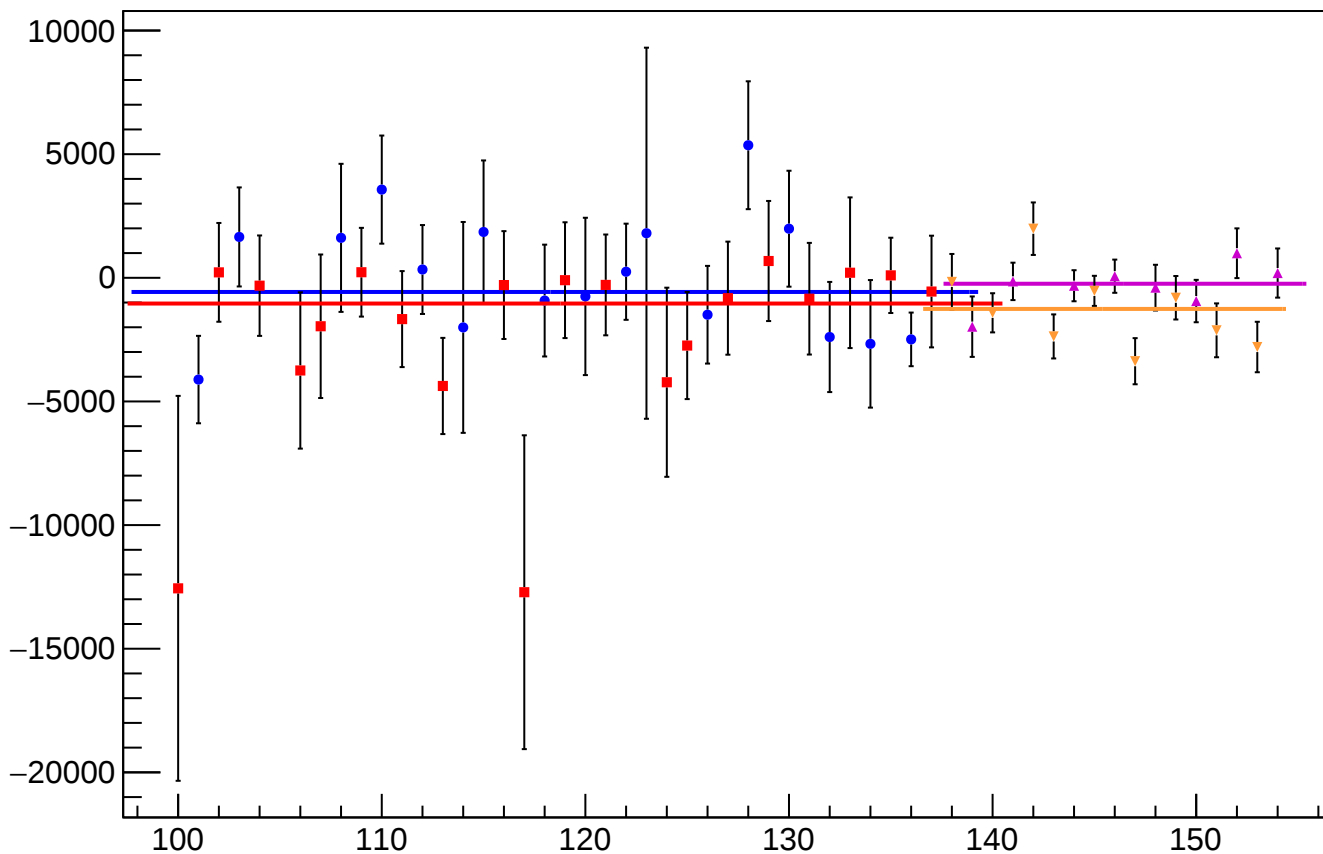
Right Out: 89.607+/-0.024 χ^2/NDF : 431905.8/19

Left In: 77.018+/-0.021 χ^2/NDF : 114886.3/7

81.927+/-0.016 χ^2/NDF : 680071.4/25

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: -1258.112 ± 295.237 χ^2/NDF : 21.6/8

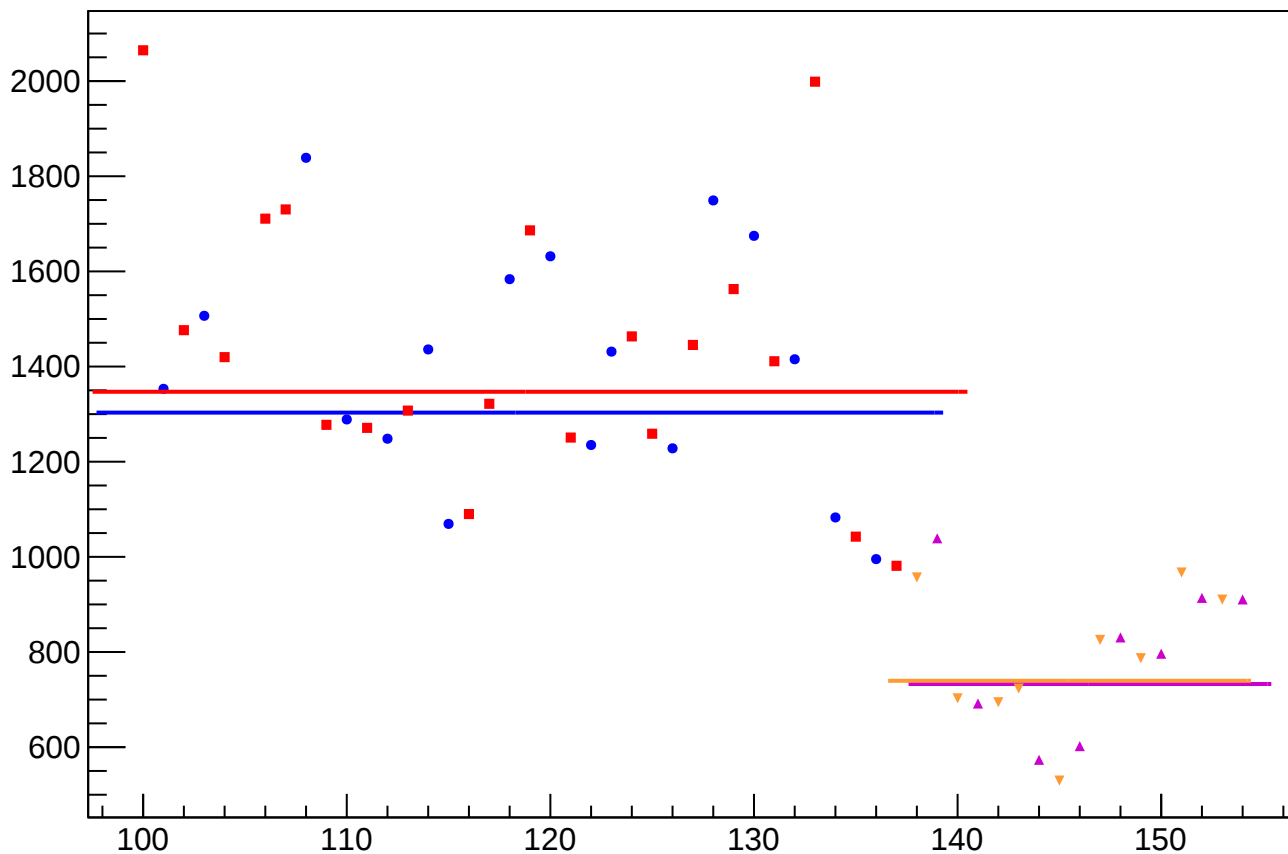
Right Out: -1040.618 ± 512.937 χ^2/NDF : 13.5/19

Left In: -240.100 ± 292.325 χ^2/NDF : 4.6/7

-1089.482 ± 256.381 χ^2/NDF : 44.8/25

-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: 739.513+/-0.209 χ^2/NDF : 486285.5/8

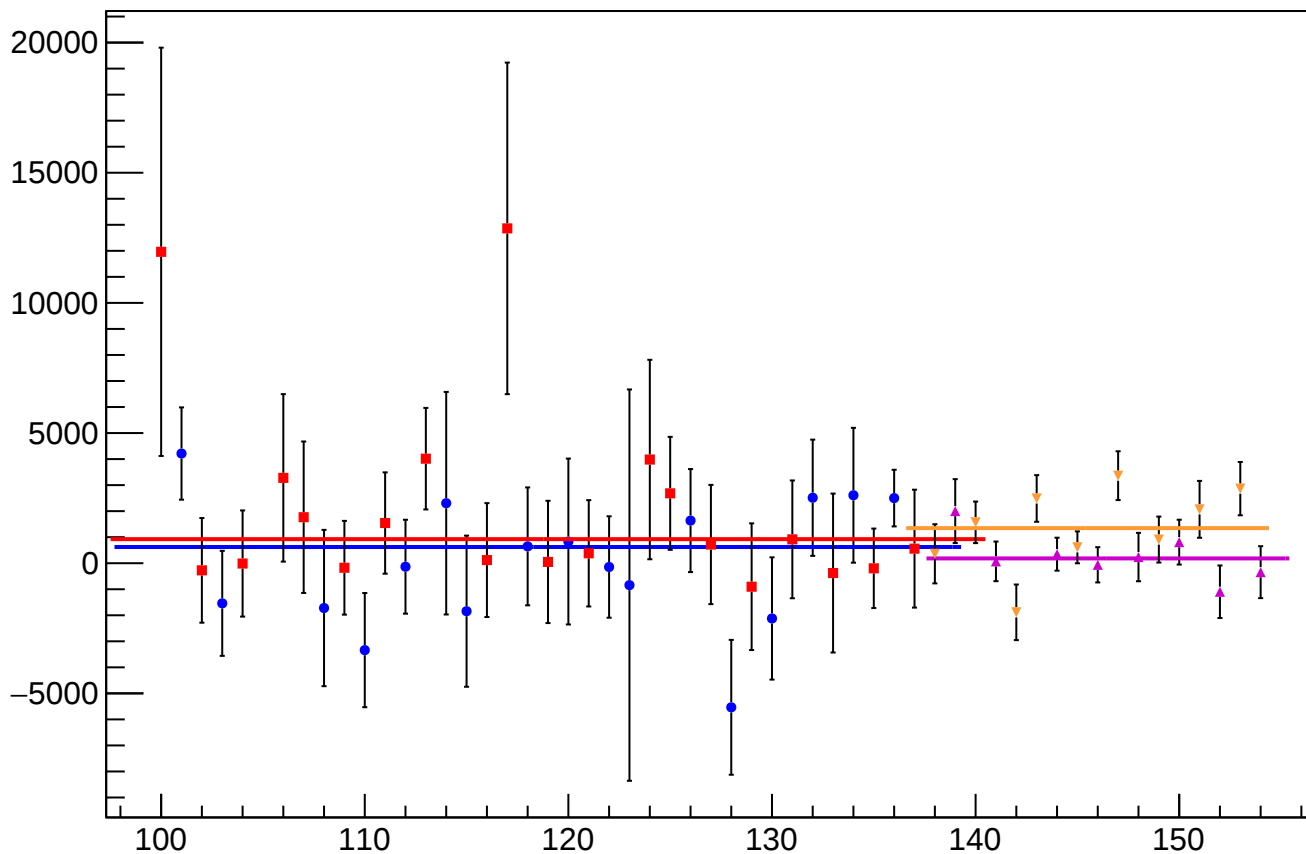
Right Out: 1347.011+/-0.363 χ^2/NDF : 420806.0/19

Left In: 732.744+/-0.207 χ^2/NDF : 498037.2/7

878.123+/-0.181 χ^2/NDF : 2731009.7/25

883.339+/-0.180 χ^2/NDF : 3083898.2/27

asym_sam_2468_avg_mean vs Slug



Right In: 622.411 ± 518.496 $\chi^2/\text{NDF}: 22.0/16$

Left Out: 1346.938 ± 297.035 $\chi^2/\text{NDF}: 20.6/8$

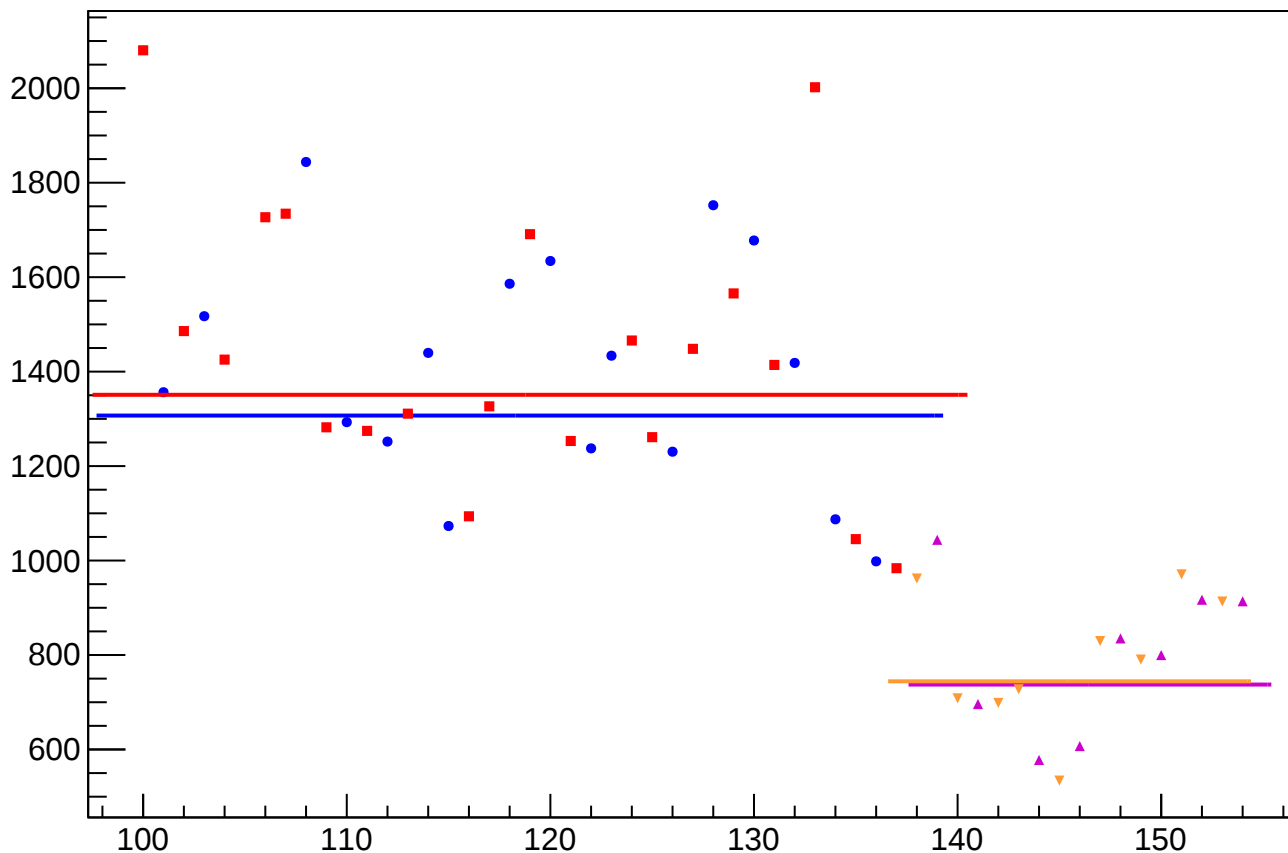
Right Out: 924.488 ± 514.636 $\chi^2/\text{NDF}: 12.6/19$

Left In: 184.005 ± 294.093 $\chi^2/\text{NDF}: 4.8/7$

1167.910 ± 257.738 $\chi^2/\text{NDF}: 44.0/25$

366.292 ± 255.341 $\chi^2/\text{NDF}: 19.0/27$

asym_sam_2468_avg_rms vs Slug



Right In: 1306.980+/-0.367 χ^2/NDF : 451191.7/16

Left Out: 744.239+/-0.210 χ^2/NDF : 478797.0/8

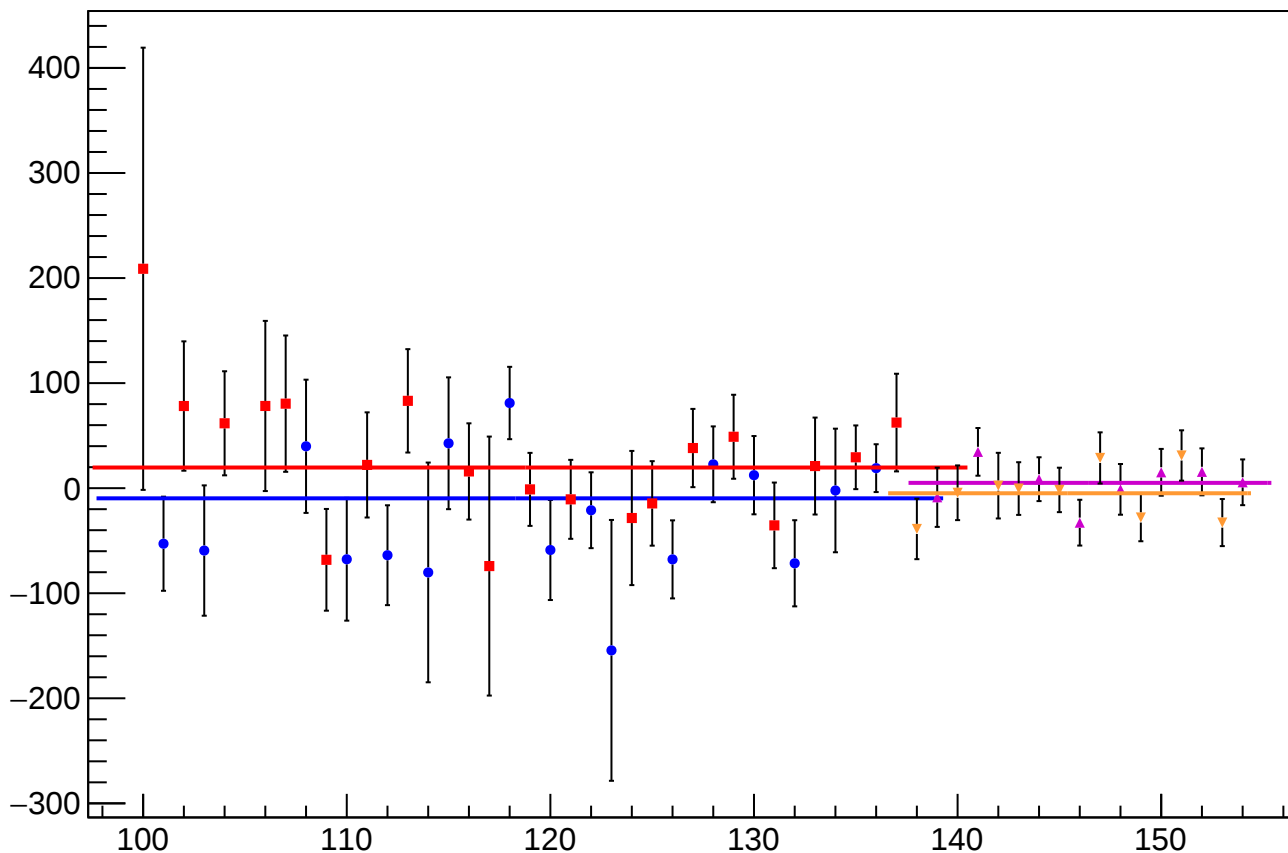
Right Out: 1350.936+/-0.364 χ^2/NDF : 421834.2/19

Left In: 737.424+/-0.208 χ^2/NDF : 490272.8/7

883.291+/-0.182 χ^2/NDF : 2703754.2/25

888.454+/-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: -4.838 ± 8.190 χ^2/NDF : 8.3/8

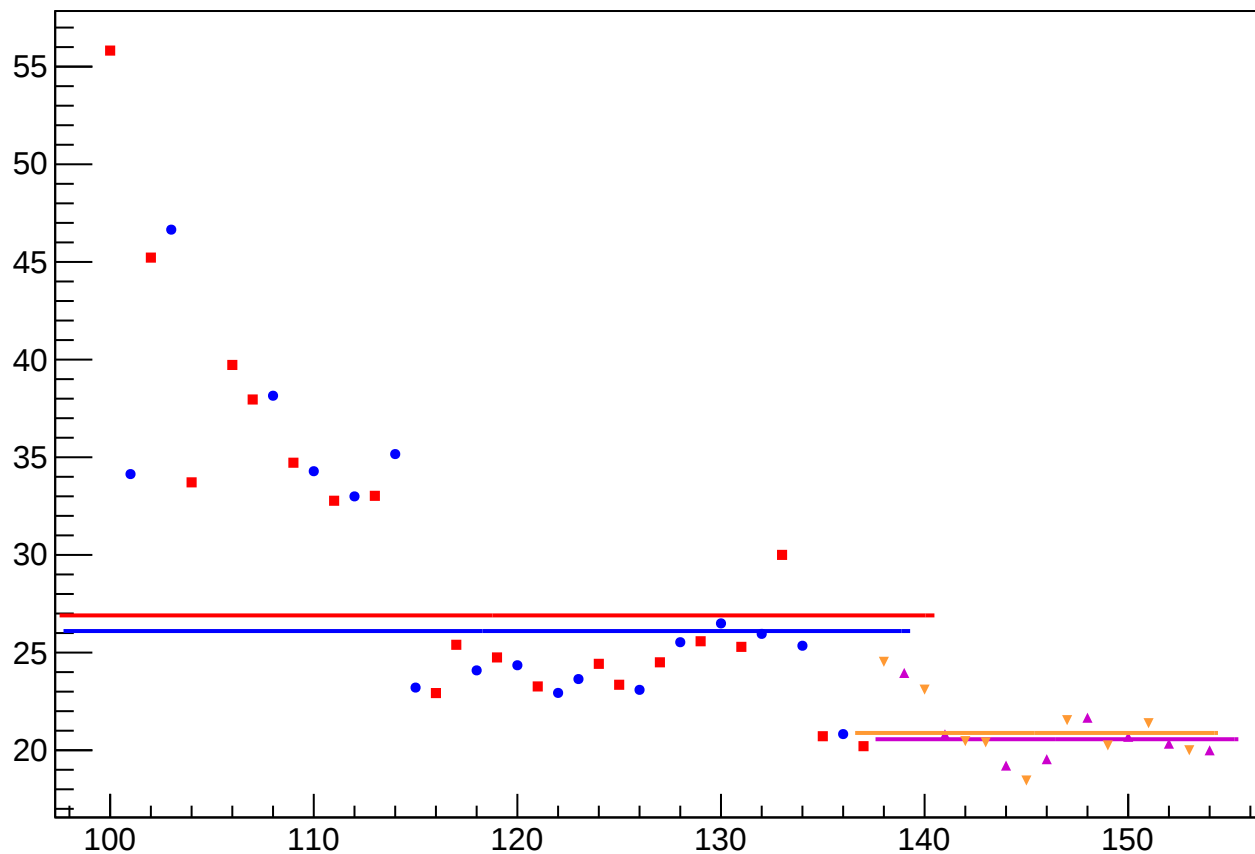
Right Out: 19.662 ± 10.406 χ^2/NDF : 15.2/19

Left In: 5.054 ± 8.045 χ^2/NDF : 5.5/7

-6.685 ± 6.436 χ^2/NDF : 31.0/25

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: 20.885 $\pm$ 0.006 χ^2 /NDF: 81199.1/8

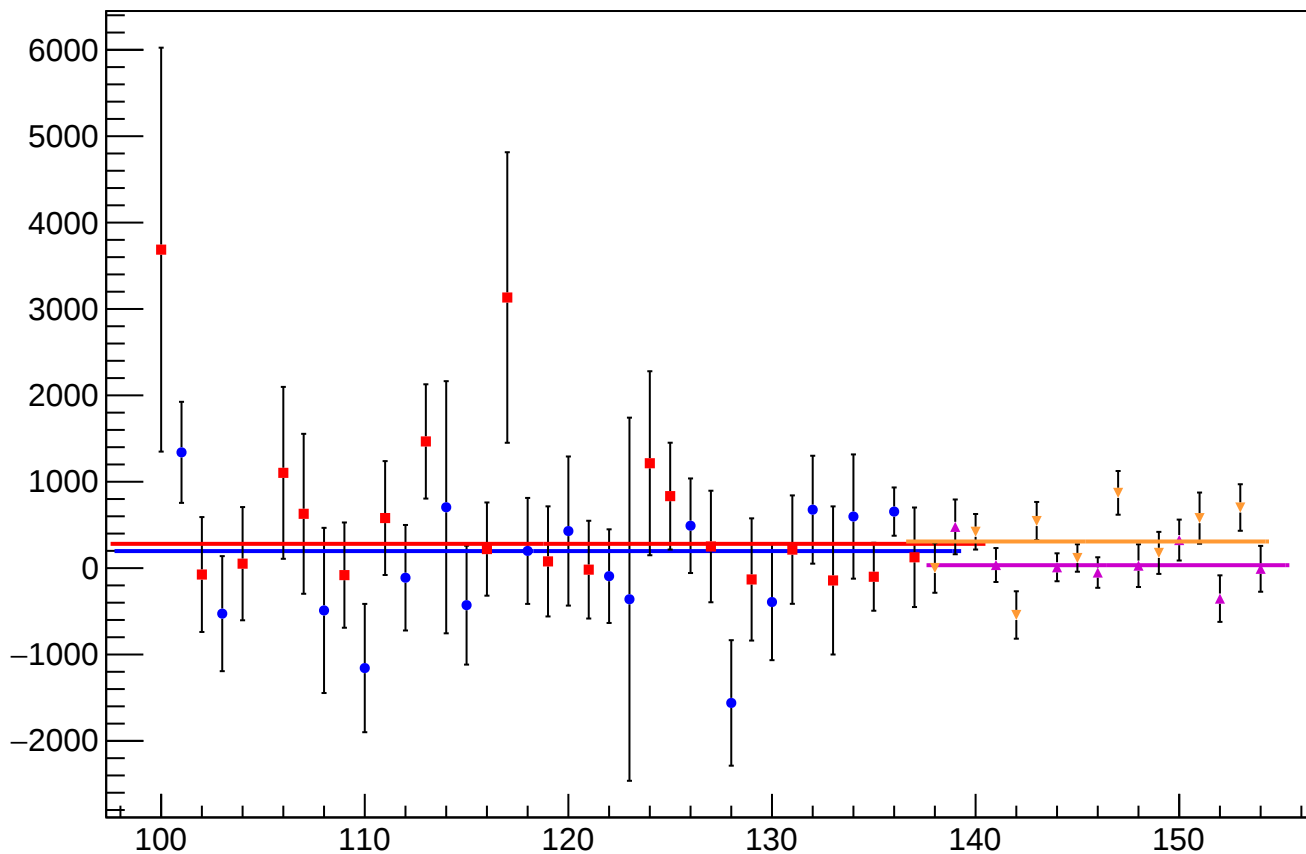
Right Out: 26.903 $\pm$ 0.007 χ^2 /NDF: 679269.9/19

Left In: 20.564 $\pm$ 0.006 χ^2 /NDF: 47802.9/7

22.880 $\pm$ 0.005 χ^2 /NDF: 995651.6/25

22.935 $\pm$ 0.005 χ^2 /NDF: 1191582.9/27

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 197.327+/-147.883 χ^2/NDF : 21.0/16

Left Out: 308.444+/-77.419 χ^2/NDF : 21.9/8

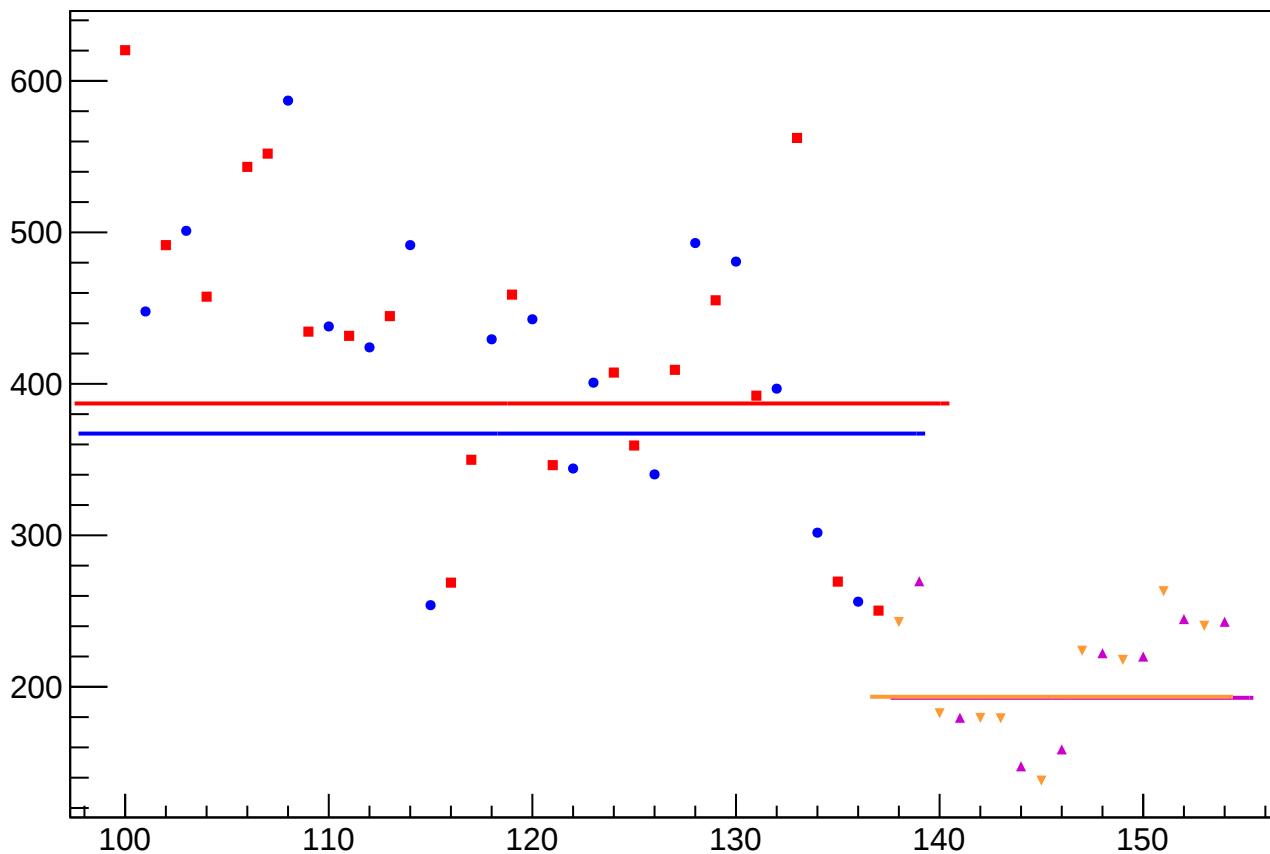
Right Out: 281.185+/-149.275 χ^2/NDF : 13.6/19

Left In: 34.012+/-77.087 χ^2/NDF : 5.8/7

284.542+/-68.588 χ^2/NDF : 43.3/25

86.051+/-68.494 χ^2/NDF : 21.5/27

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 367.180 $\pm$ 0.105 χ^2 /NDF: 827148.2/16

Left Out: 193.413 $\pm$ 0.055 χ^2 /NDF: 541008.9/8

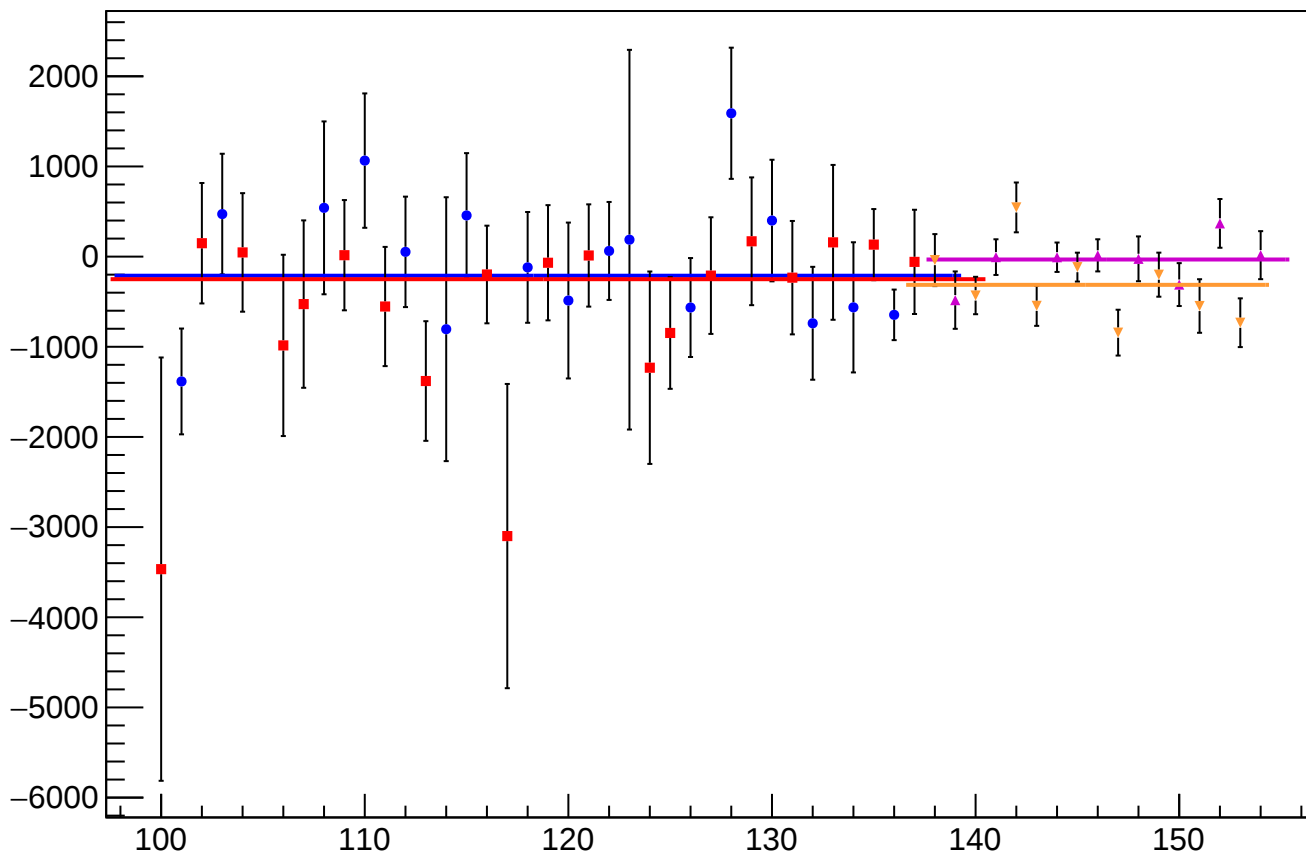
Right Out: 387.048 $\pm$ 0.106 χ^2 /NDF: 775547.5/19

Left In: 192.743 $\pm$ 0.055 χ^2 /NDF: 558388.0/7

230.792 $\pm$ 0.048 χ^2 /NDF: 3535540.2/25

233.651 $\pm$ 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: -313.040 ± 77.916 χ^2/NDF : 21.1/8

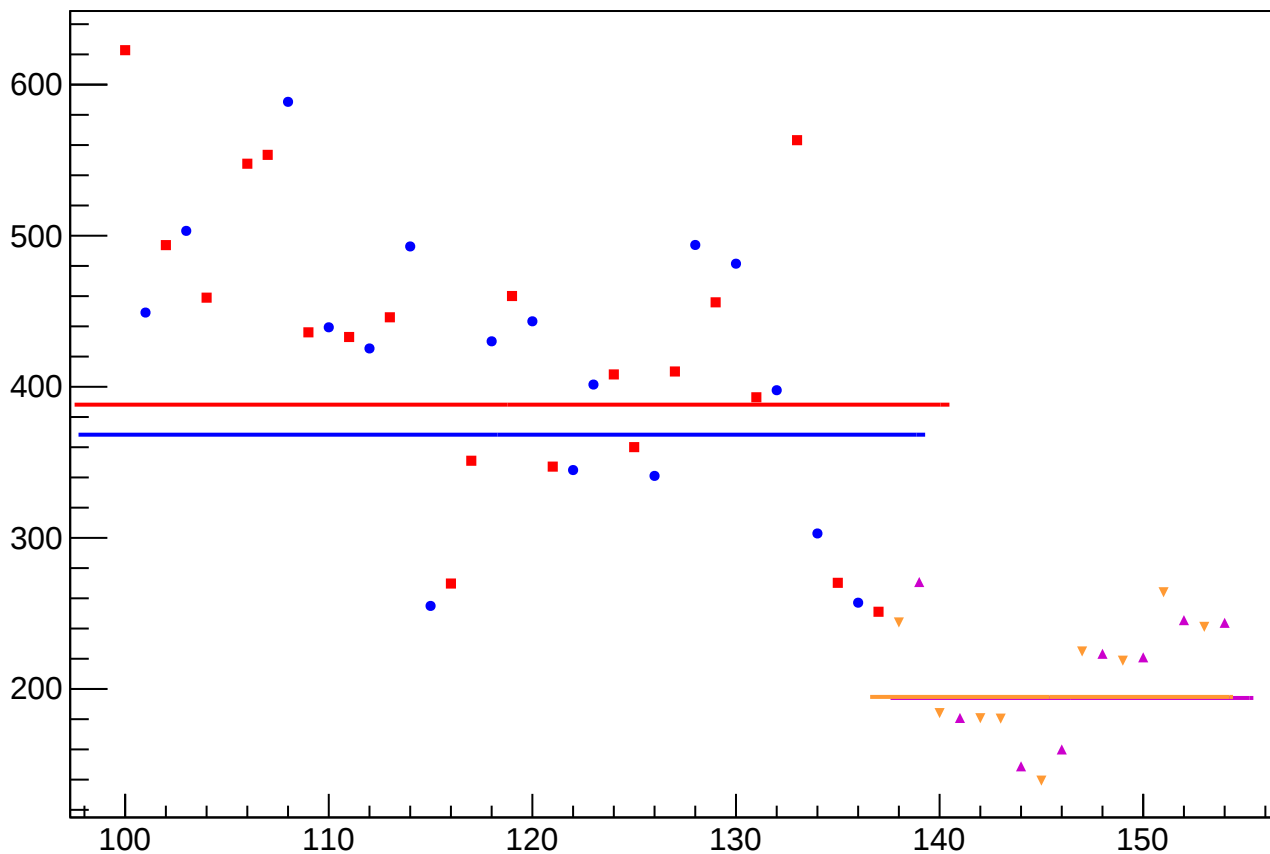
Right Out: -250.443 ± 149.724 χ^2/NDF : 12.9/19

Left In: -32.055 ± 77.573 χ^2/NDF : 5.7/7

-291.156 ± 68.977 χ^2/NDF : 42.5/25

-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: 194.745 +/- 0.055 χ^2/NDF : 530906.7/8

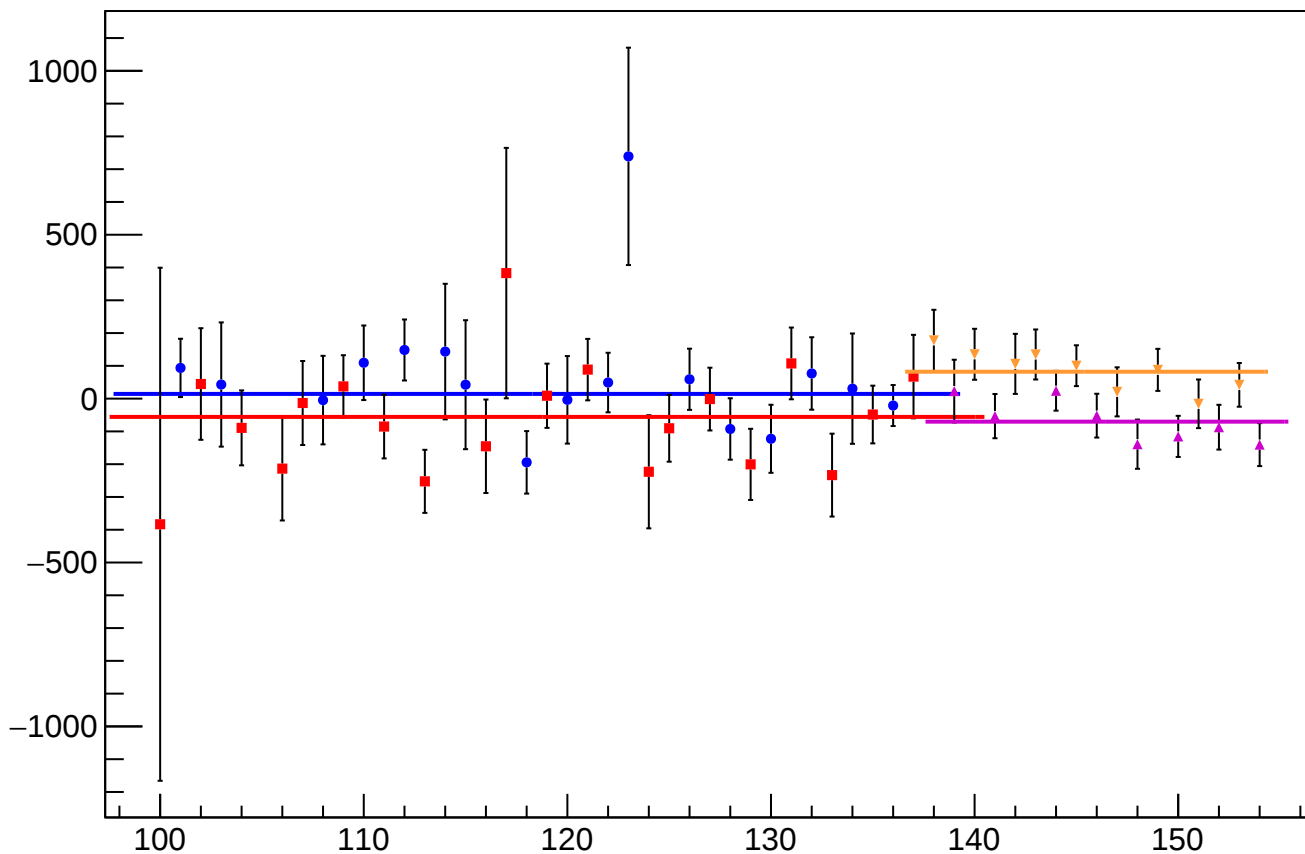
Right Out: 388.178 +/- 0.106 χ^2/NDF : 775692.7/19

Left In: 194.050 +/- 0.055 χ^2/NDF : 547937.8/7

232.283 +/- 0.049 χ^2/NDF : 3501834.5/25

235.133 +/- 0.049 χ^2/NDF : 3974308.1/27

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 14.385+/-26.334 χ^2/NDF : 17.7/16

Left Out: 82.095+/-24.566 χ^2/NDF : 4.9/8

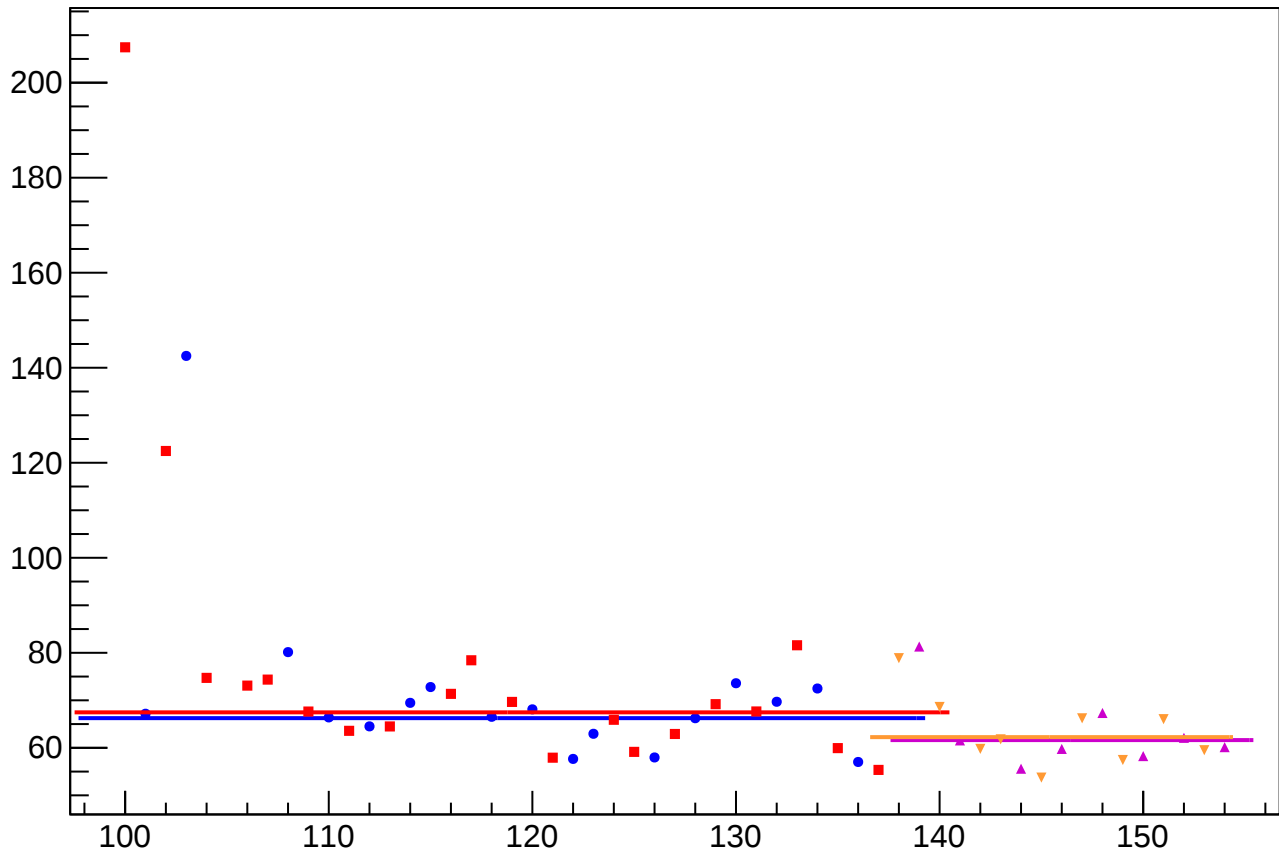
Right Out: -55.744+/-26.060 χ^2/NDF : 19.7/19

Left In: -70.258+/-24.232 χ^2/NDF : 6.0/7

50.589+/-17.963 χ^2/NDF : 26.1/25

-63.528+/-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: 62.250+/-0.017 χ^2/NDF :141217.0/8

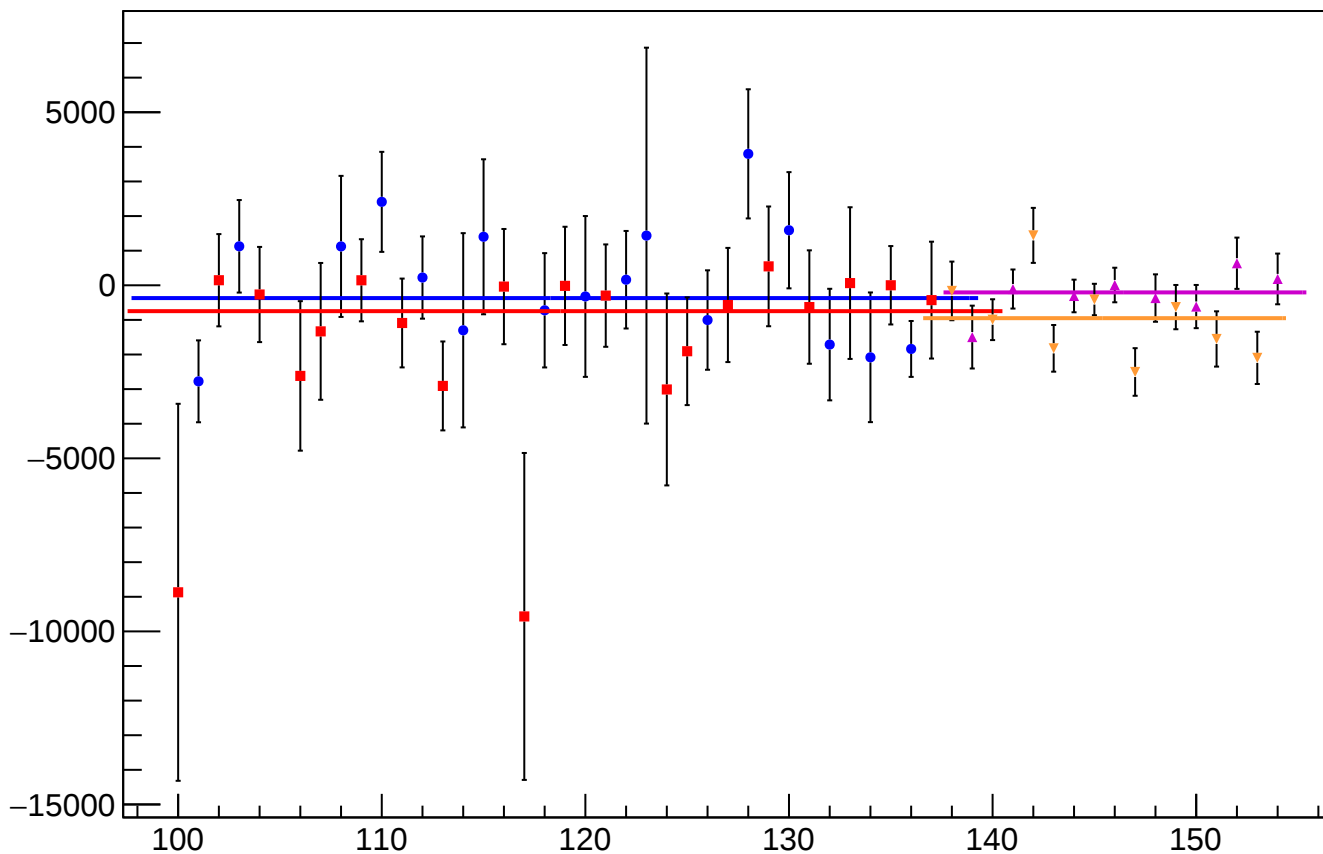
Right Out: 67.466+/-0.018 χ^2/NDF : 395262.8/19

Left In: 61.628+/-0.017 χ^2/NDF :124337.9/7

64.110+/-0.013 χ^2/NDF : 606797.6/25

64.335+/-0.013 χ^2/NDF : 573434.6/27

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -369.546 $\pm$ 366.432 χ^2 /NDF: 22.3/16

Left Out: -949.875 $\pm$ 219.350 χ^2 /NDF:21.2/8

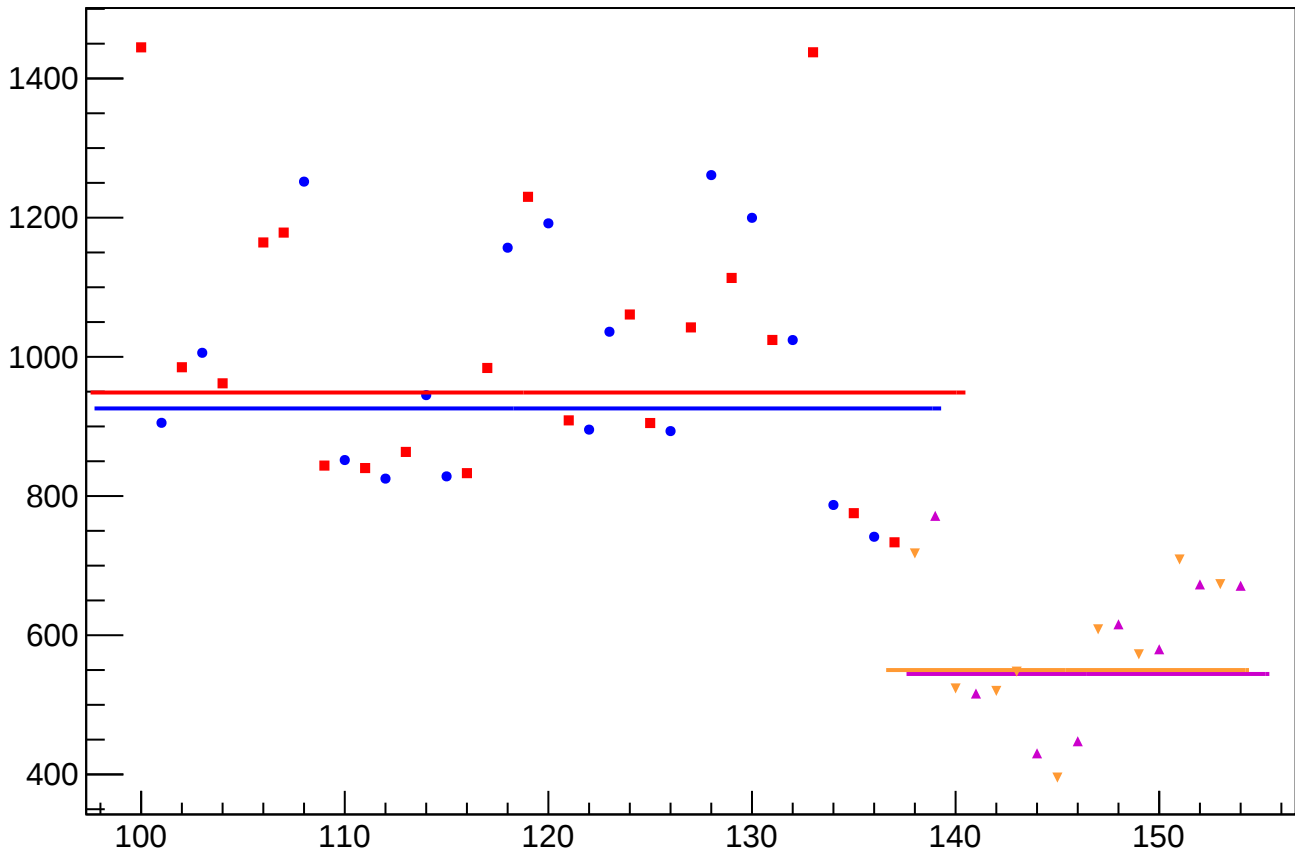
Right Out: -747.208 $\pm$ 360.830 χ^2 /NDF: 13.4/19

Left In: -205.587 $\pm$ 216.923 χ^2 /NDF:4.3/7

-796.782 $\pm$ 188.206 χ^2 /NDF: 45.4/25

-349.371 $\pm$ 185.913 χ^2 /NDF: 19.4/27

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 925.885 $\pm$ 0.259 χ^2/NDF : 391084.5/16

Left Out: 549.958 $\pm$ 0.155 χ^2/NDF : 466349.5/8

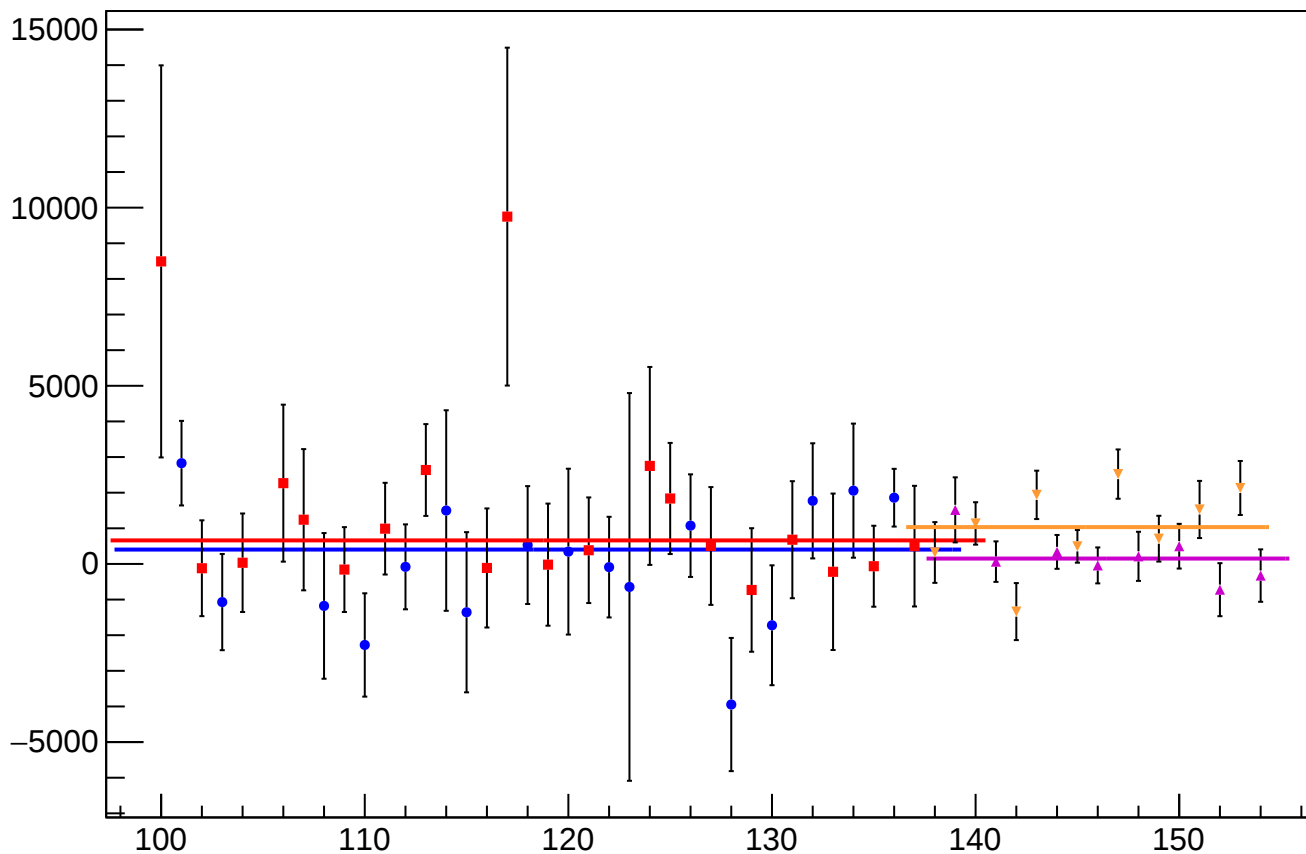
Right Out: 948.760 $\pm$ 0.255 χ^2/NDF : 382044.0/19

Left In: 544.341 $\pm$ 0.153 χ^2/NDF : 470754.1/7

649.128 $\pm$ 0.133 χ^2/NDF : 2407119.1/25

651.702 $\pm$ 0.131 χ^2/NDF : 2698224.8/27

asym_sam_12345678_avg_mean vs Slug



Right In: 403.591 ± 367.686 $\chi^2/\text{NDF}: 22.4/16$

Left Out: 1033.993 ± 220.884 $\chi^2/\text{NDF}: 20.0/8$

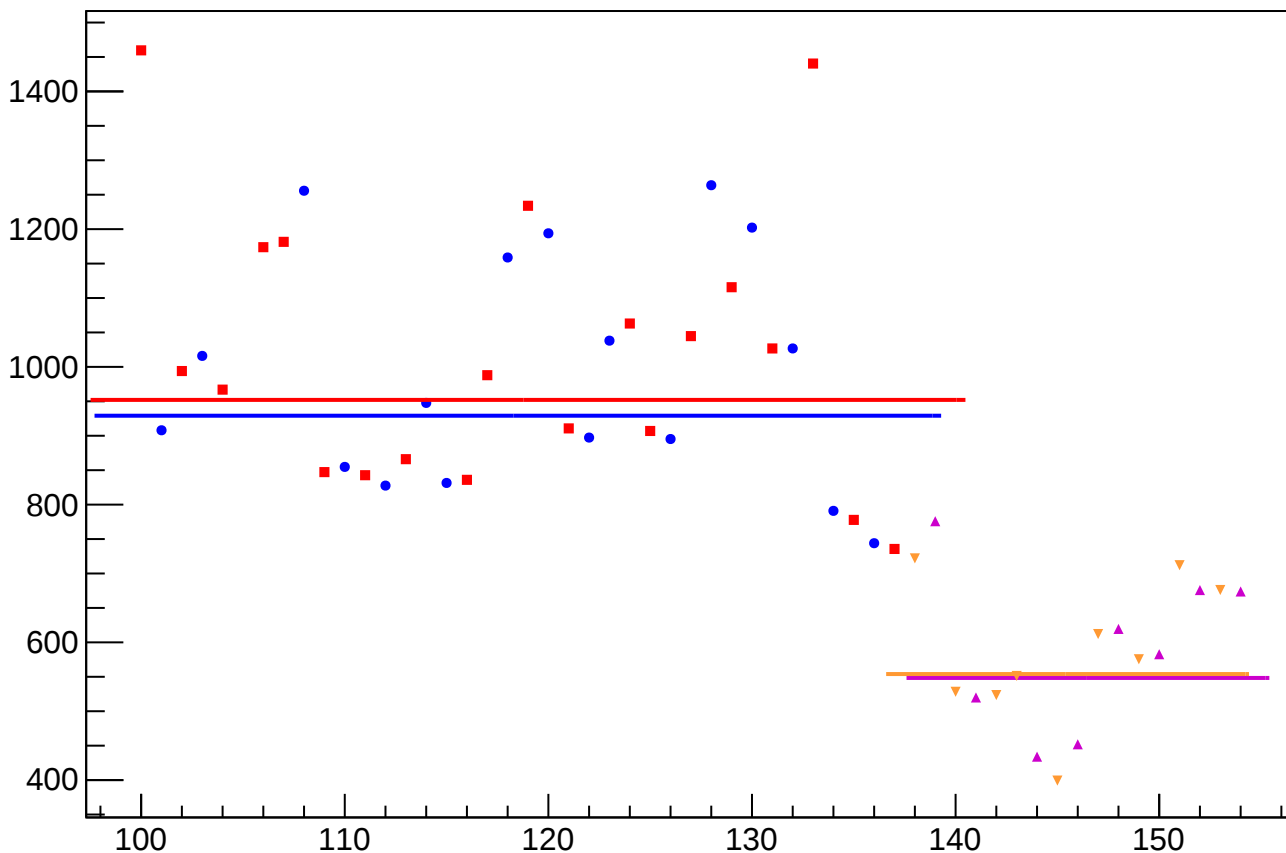
Right Out: 660.630 ± 362.265 $\chi^2/\text{NDF}: 12.5/19$

Left In: 150.907 ± 218.434 $\chi^2/\text{NDF}: 4.7/7$

866.818 ± 189.345 $\chi^2/\text{NDF}: 44.6/25$

286.815 ± 187.060 $\chi^2/\text{NDF}: 18.7/27$

asym_sam_12345678_avg_rms vs Slug



Right In: 929.096+/-0.260 χ^2/NDF : 390292.1/16

Left Out: 553.986+/-0.156 χ^2/NDF : 457887.2/8

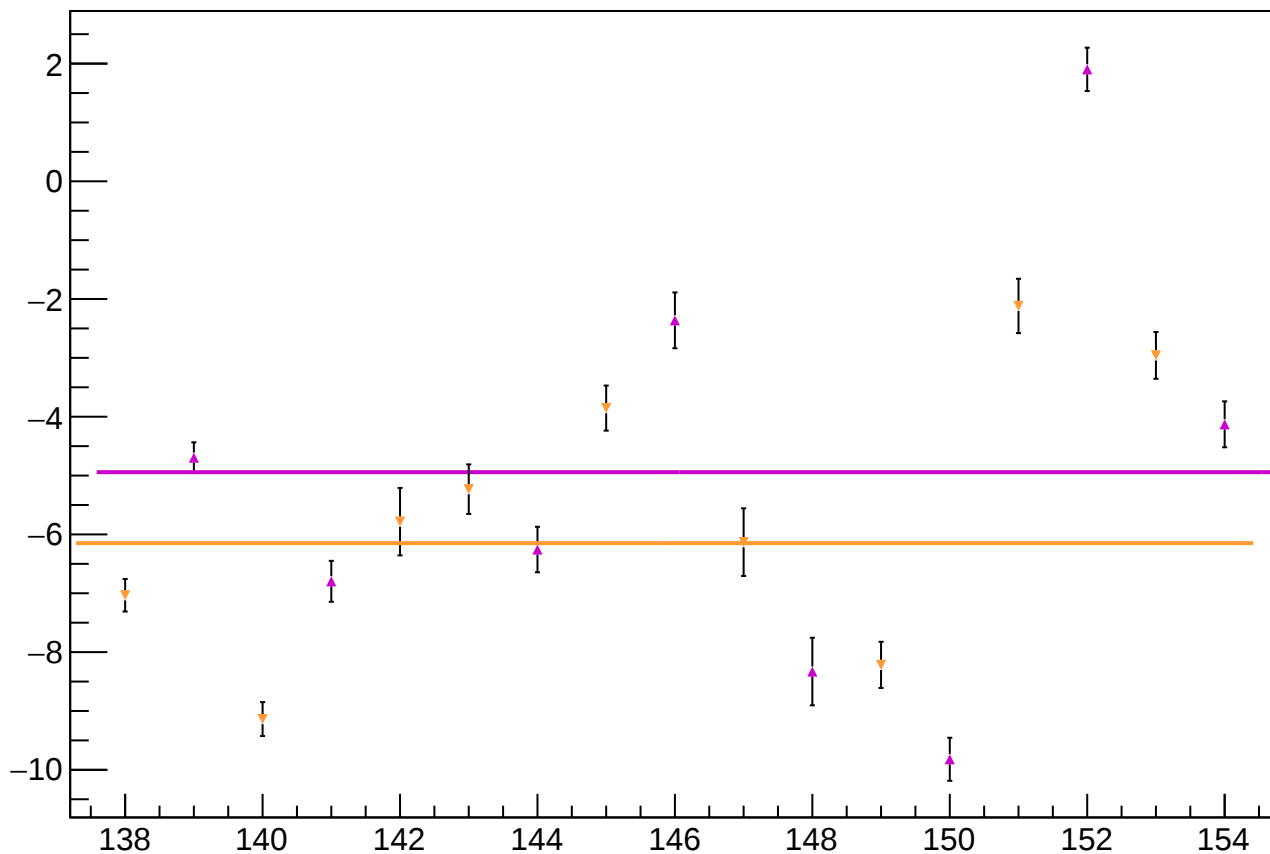
Right Out: 952.057+/-0.256 χ^2/NDF : 382334.5/19

Left In: 548.330+/-0.154 χ^2/NDF : 462469.4/7

653.460+/-0.134 χ^2/NDF : 2377757.5/25

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: -6.148+/-0.128 χ^2/NDF : 327.3/8

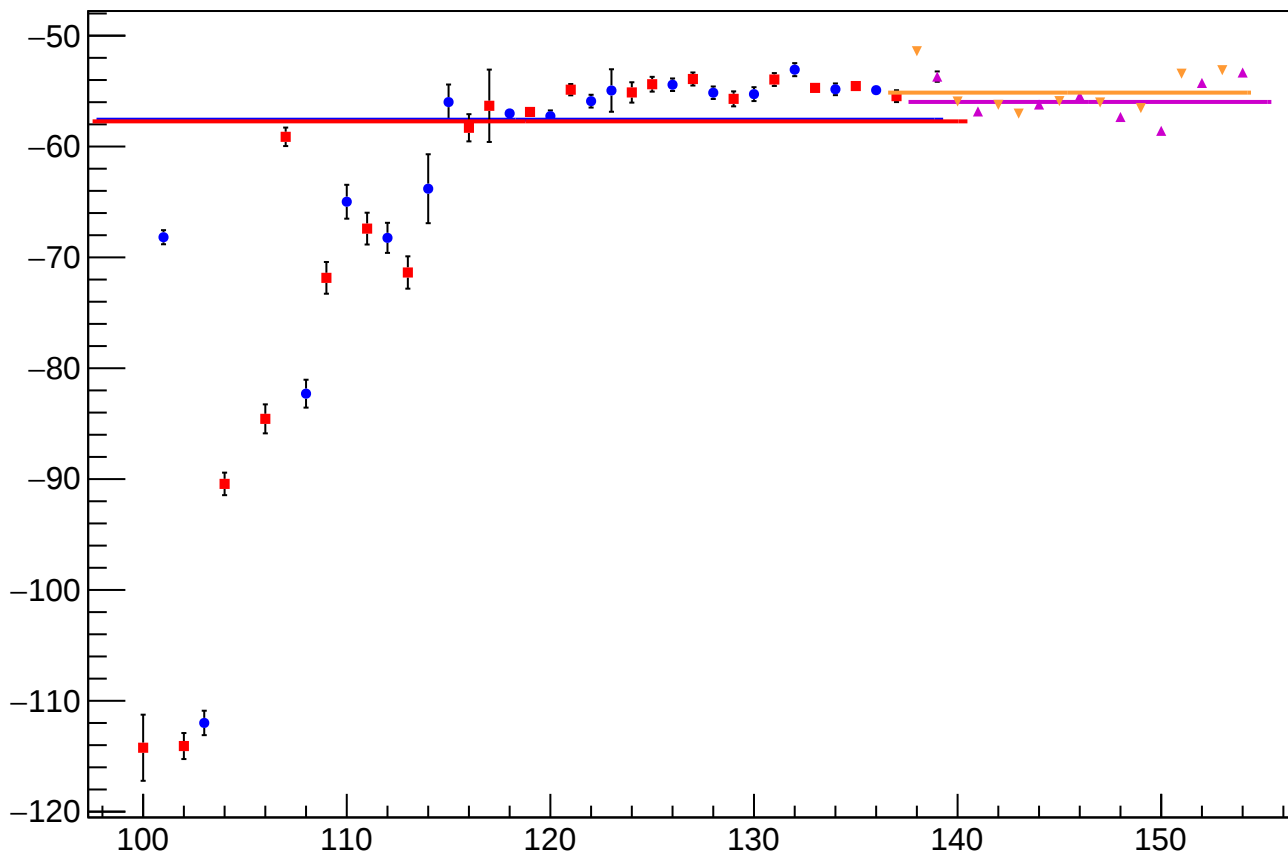
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.942+/-0.131 χ^2/NDF : 632.8/7

-6.148+/-0.128 χ^2/NDF : 327.3/8

-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: -55.137 ± 0.095 $\chi^2/\text{NDF}: 333.3/8$

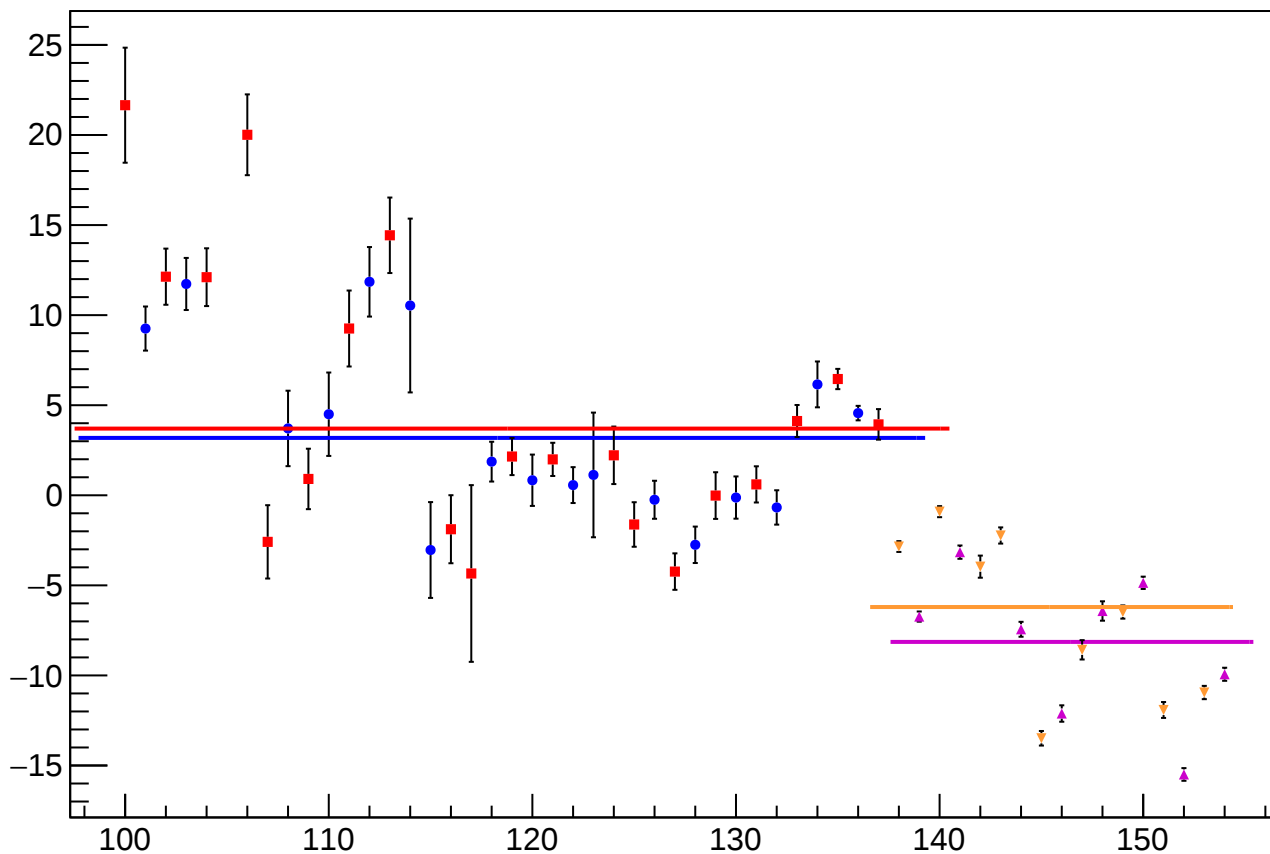
Right Out: -57.730 ± 0.143 $\chi^2/\text{NDF}: 4698.7/19$

Left In: -55.978 ± 0.100 $\chi^2/\text{NDF}: 307.4/7$

-55.888 ± 0.079 $\chi^2/\text{NDF}: 3990.9/25$

-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: -6.203 ± 0.130 χ^2/NDF : 1192.1/8

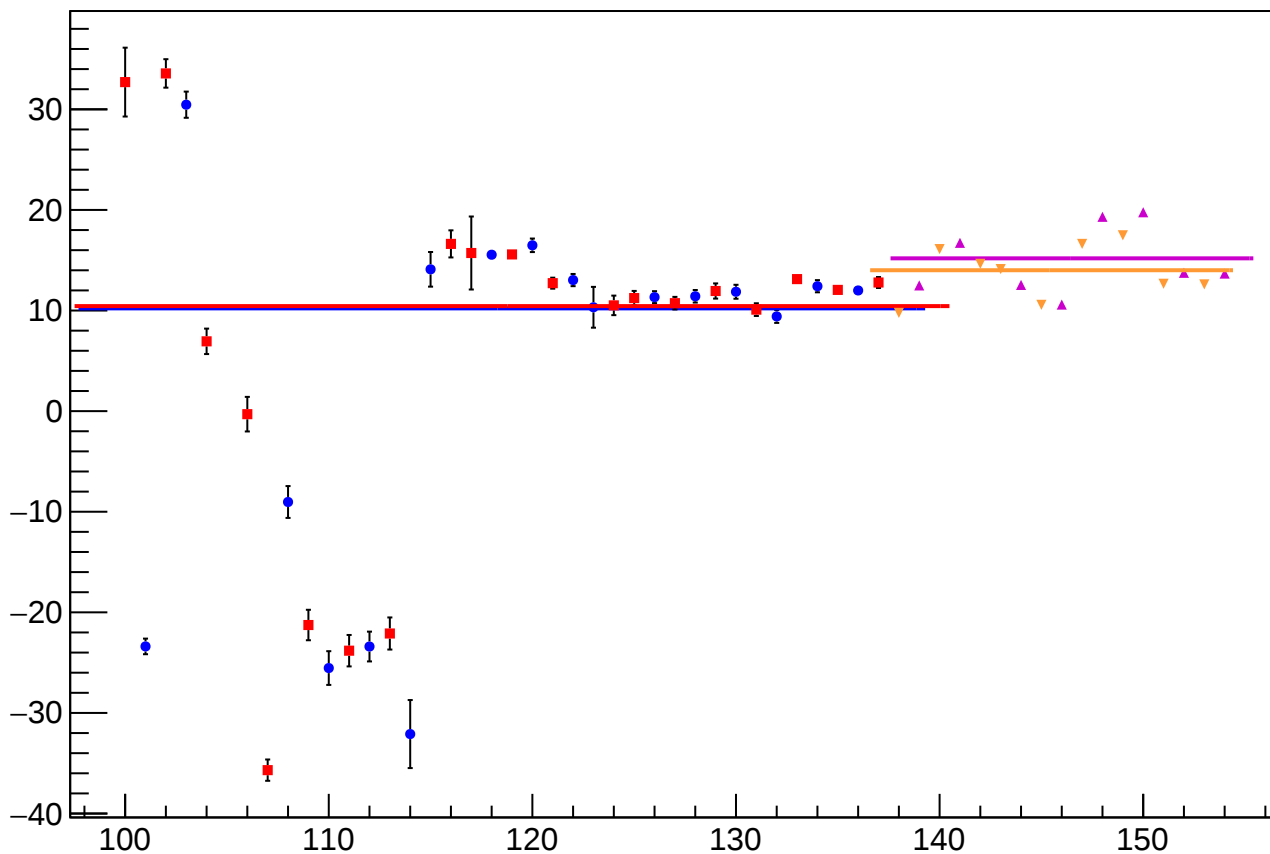
Right Out: 3.702 ± 0.267 χ^2/NDF : 326.8/19

Left In: -8.139 ± 0.131 χ^2/NDF : 848.1/7

-4.305 ± 0.116 χ^2/NDF : 2426.2/25

-5.839 ± 0.118 χ^2/NDF : 2758.1/27

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.215 ± 0.158 $\chi^2/\text{NDF}: 3692.6/16$

Left Out: 14.006 ± 0.114 $\chi^2/\text{NDF}: 498.9/8$

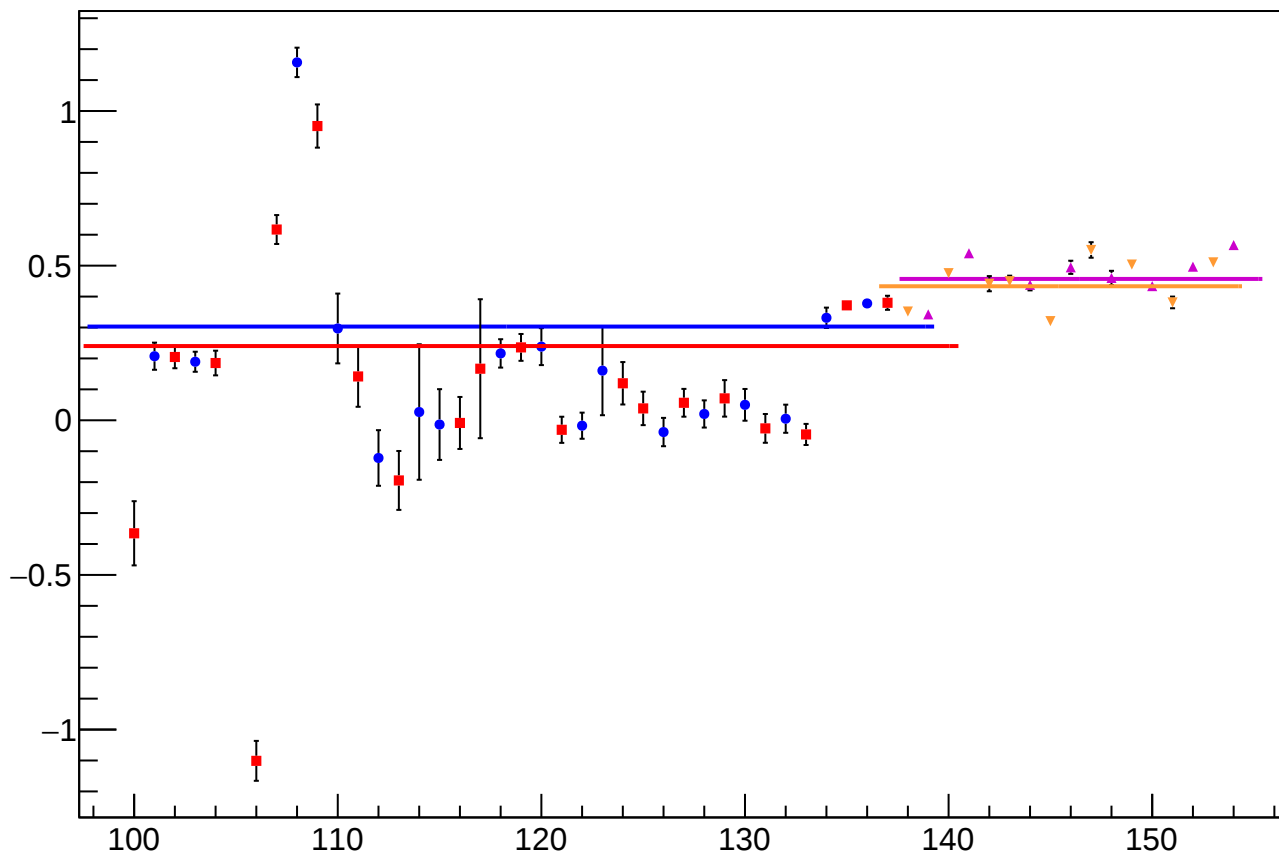
Right Out: 10.440 ± 0.160 $\chi^2/\text{NDF}: 3829.1/19$

Left In: 15.189 ± 0.119 $\chi^2/\text{NDF}: 679.5/7$

12.706 ± 0.093 $\chi^2/\text{NDF}: 4569.3/25$

13.495 ± 0.095 $\chi^2/\text{NDF}: 5076.0/27$

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.3/16

Left Out: 0.433 ± 0.005 χ^2/NDF : 195.3/8

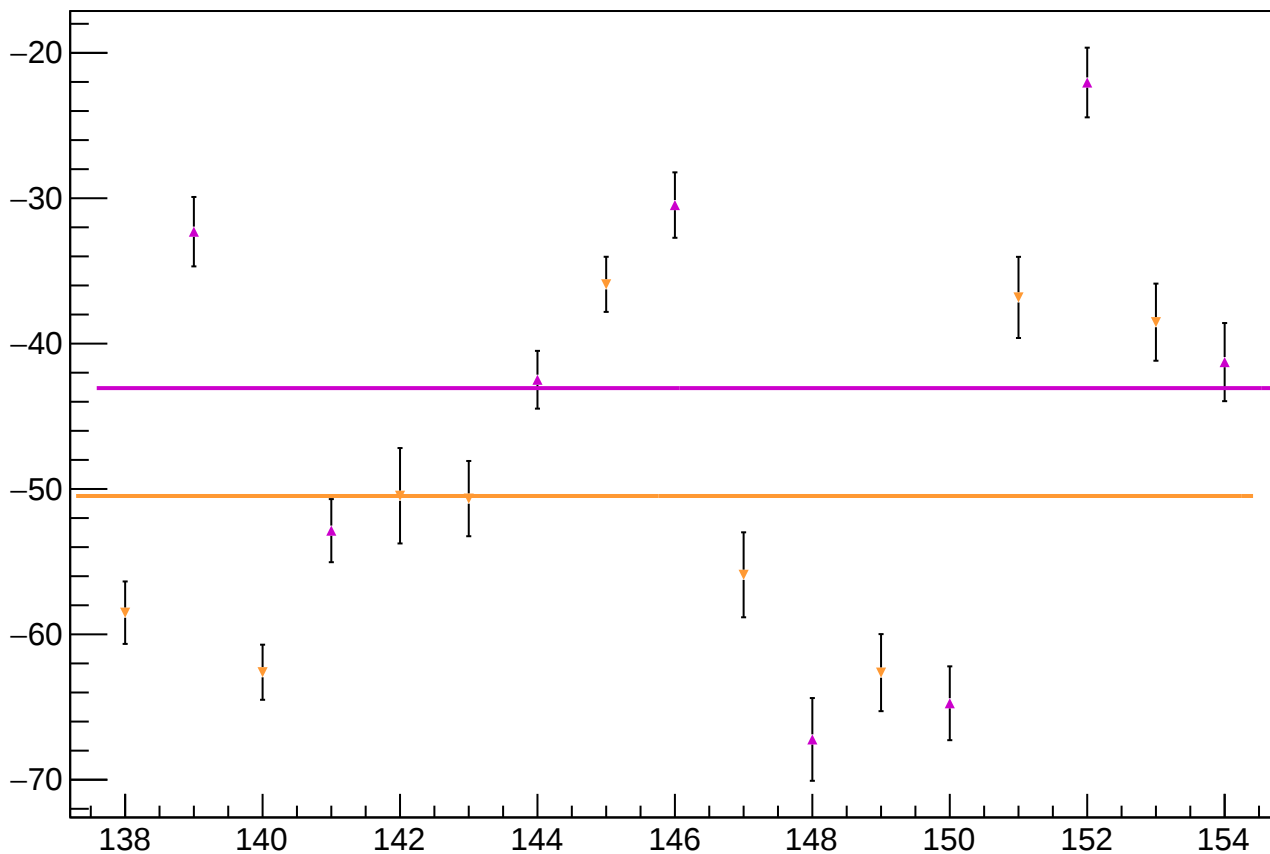
Right Out: 0.240 ± 0.009 χ^2/NDF : 984.5/19

Left In: 0.457 ± 0.005 χ^2/NDF : 253.4/7

0.395 ± 0.004 χ^2/NDF : 1019.9/25

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: -50.482+/-0.804 χ^2/NDF : 182.6/8

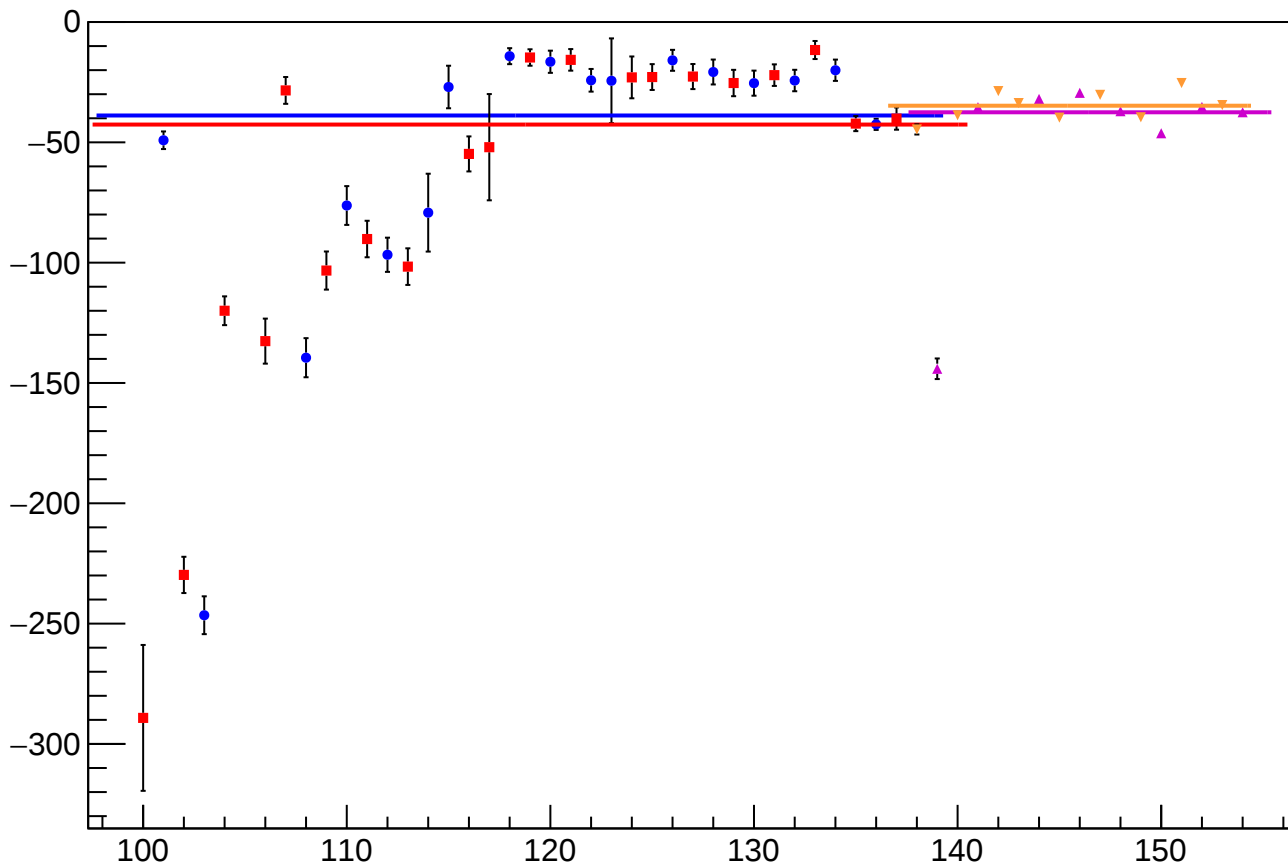
-50.482+/-0.804 χ^2/NDF : 182.6/8

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

Left In: -43.061+/-0.836 χ^2/NDF : 294.5/7

-43.061+/-0.836 χ^2/NDF : 294.5/7

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.844 ± 1.148 $\chi^2/\text{NDF}: 1121.9/16$

Left Out: -34.779 ± 0.563 $\chi^2/\text{NDF}: 99.4/8$

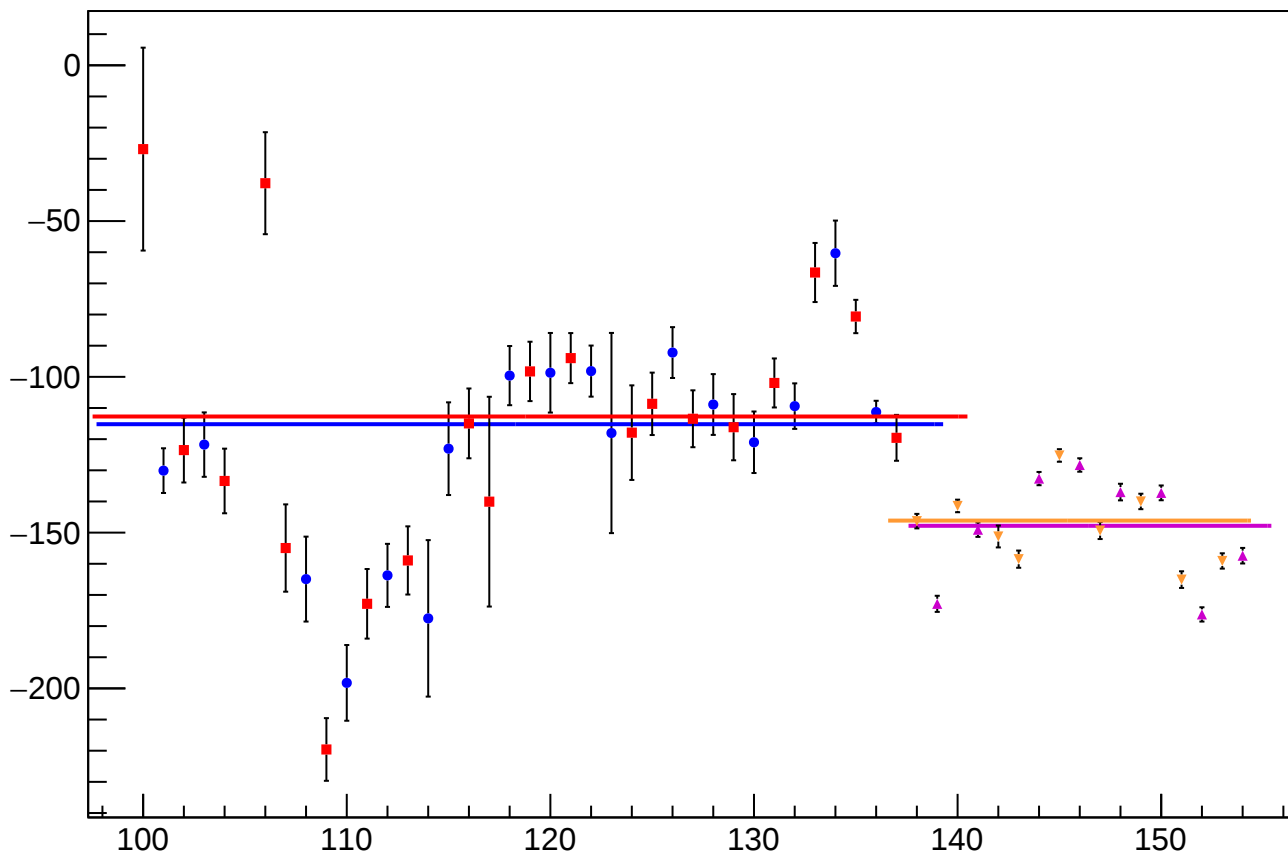
Right Out: -42.614 ± 1.208 $\chi^2/\text{NDF}: 1345.9/19$

Left In: -37.514 ± 0.582 $\chi^2/\text{NDF}: 698.5/7$

-35.566 ± 0.505 $\chi^2/\text{NDF}: 1231.4/25$

-38.473 ± 0.524 $\chi^2/\text{NDF}: 2058.8/27$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.199 ± 2.081 $\chi^2/\text{NDF}: 140.8/16$

Left Out: -146.138 ± 0.819 $\chi^2/\text{NDF}: 220.4/8$

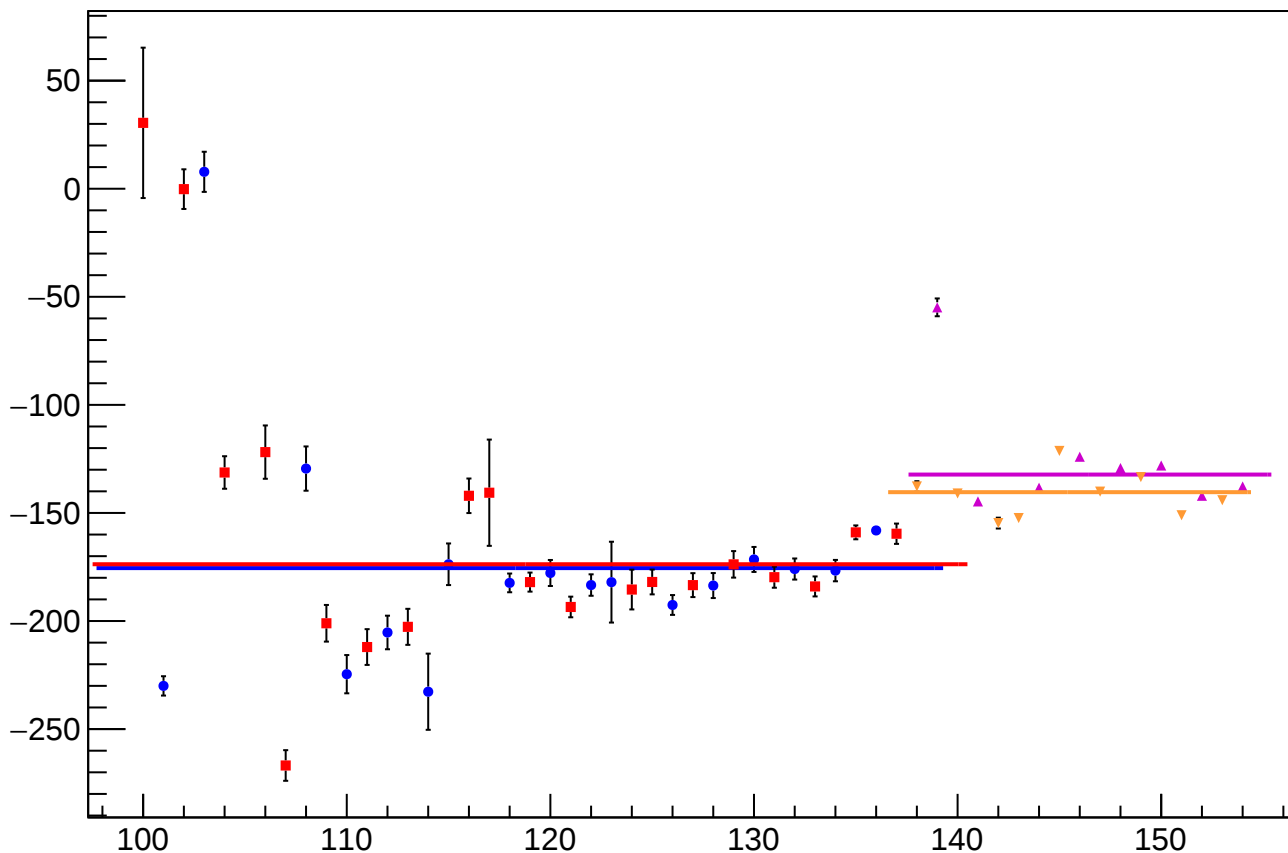
Right Out: -112.729 ± 2.205 $\chi^2/\text{NDF}: 273.1/19$

Left In: -147.808 ± 0.833 $\chi^2/\text{NDF}: 431.4/7$

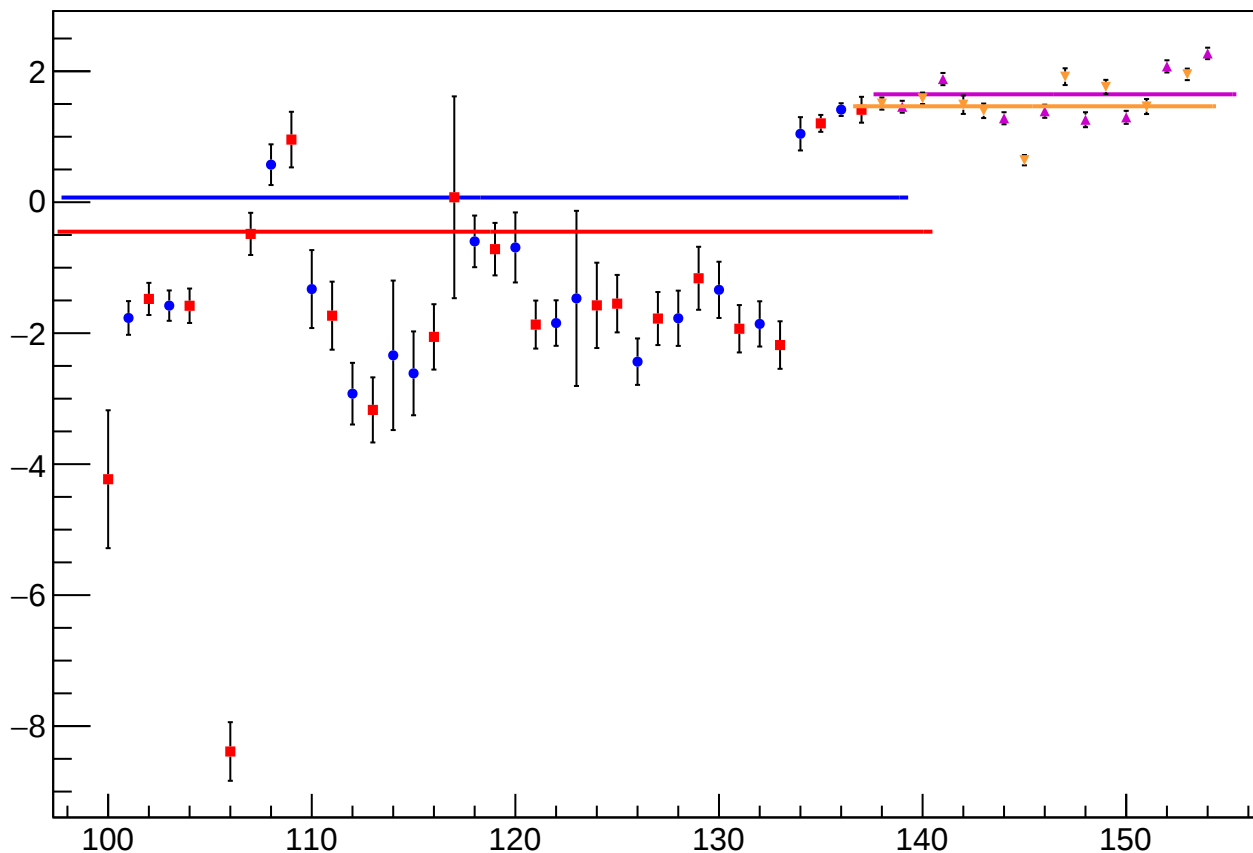
-141.988 ± 0.762 $\chi^2/\text{NDF}: 552.5/25$

-143.425 ± 0.779 $\chi^2/\text{NDF}: 926.1/27$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.072 ± 0.067 χ^2/NDF : 525.2/16

Left Out: 1.465 ± 0.034 χ^2/NDF : 161.5/8

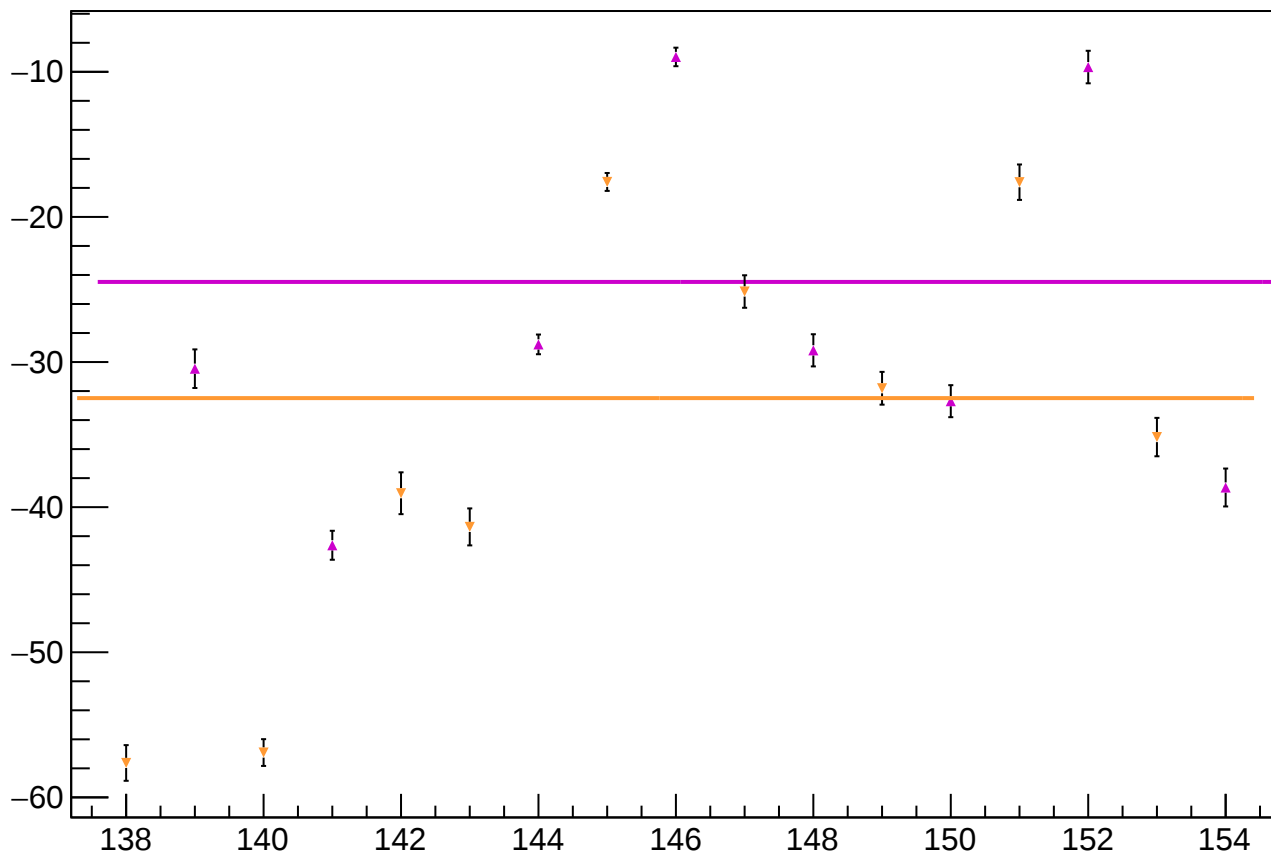
Right Out: -0.450 ± 0.071 χ^2/NDF : 751.4/19

Left In: 1.648 ± 0.034 χ^2/NDF : 128.6/7

1.187 ± 0.030 χ^2/NDF : 1031.5/25

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: -32.485+/-0.345 χ^2/NDF :1966.9/8

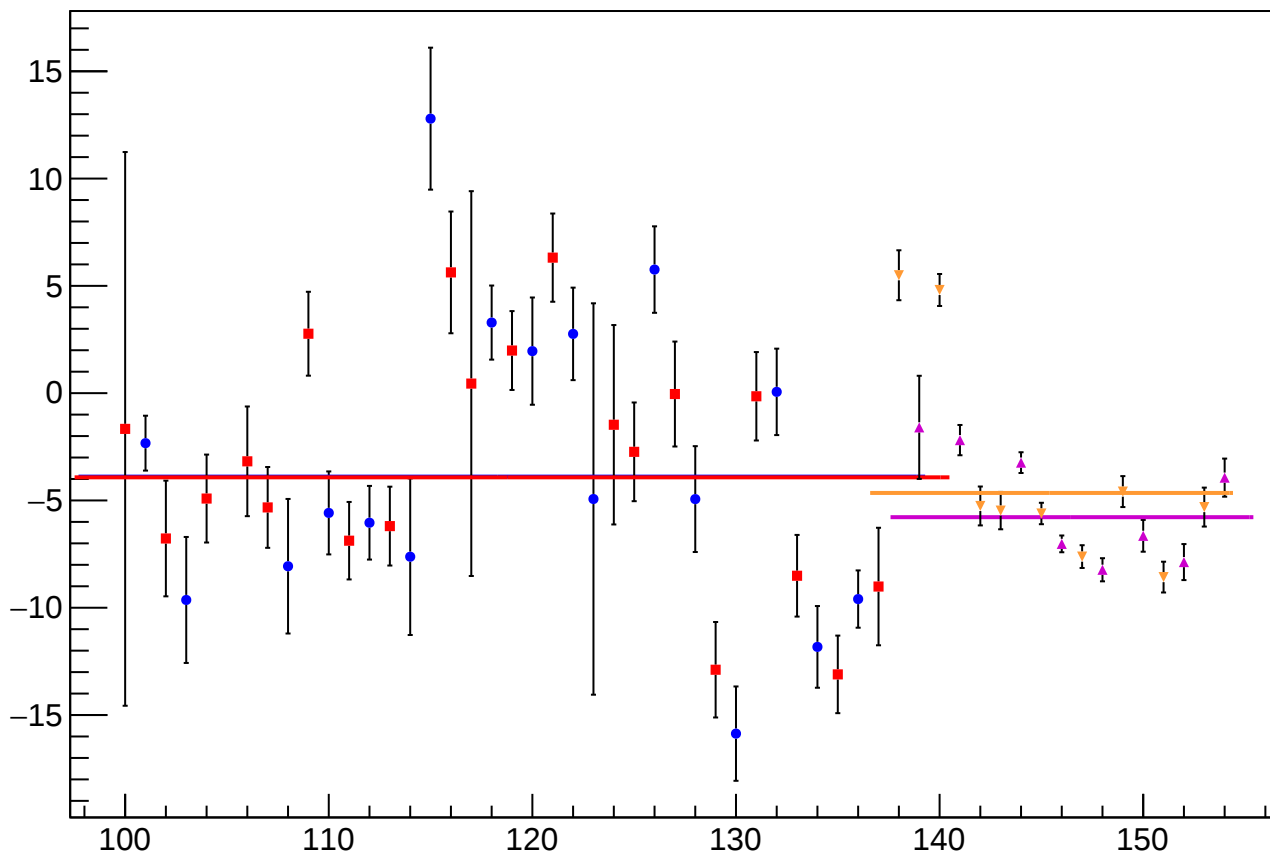
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.479+/-0.330 χ^2/NDF :1346.1/7

-32.485+/-0.345 χ^2/NDF : 1966.9/8

-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: -4.650 ± 0.238 χ^2/NDF : 303.7/8

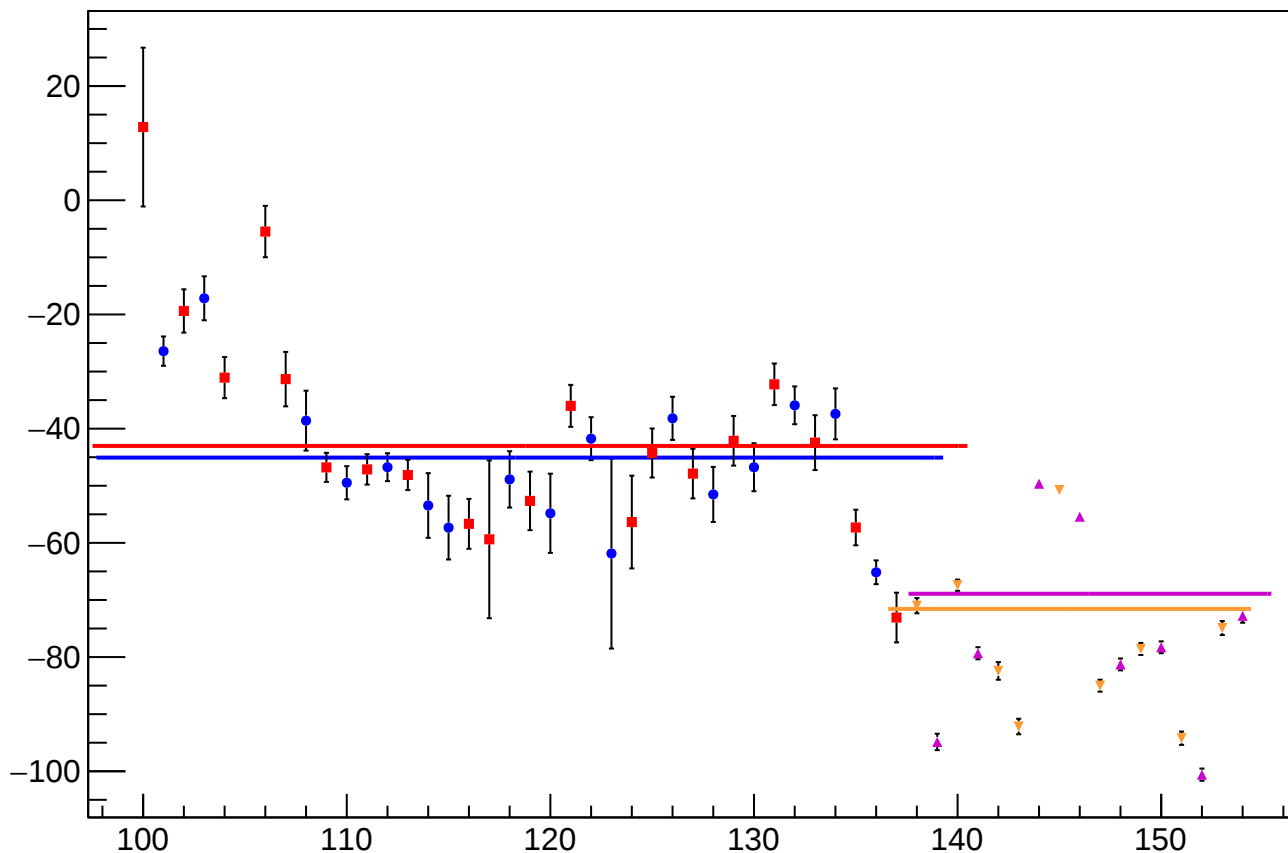
Right Out: -3.923 ± 0.506 χ^2/NDF : 122.4/19

Left In: -5.780 ± 0.218 χ^2/NDF : 99.3/7

-4.510 ± 0.214 χ^2/NDF : 466.1/25

-5.488 ± 0.201 χ^2/NDF : 233.0/27

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.070 ± 0.883 $\chi^2/\text{NDF}: 229.7/16$

Left Out: -71.566 ± 0.351 $\chi^2/\text{NDF}: 1897.6/8$

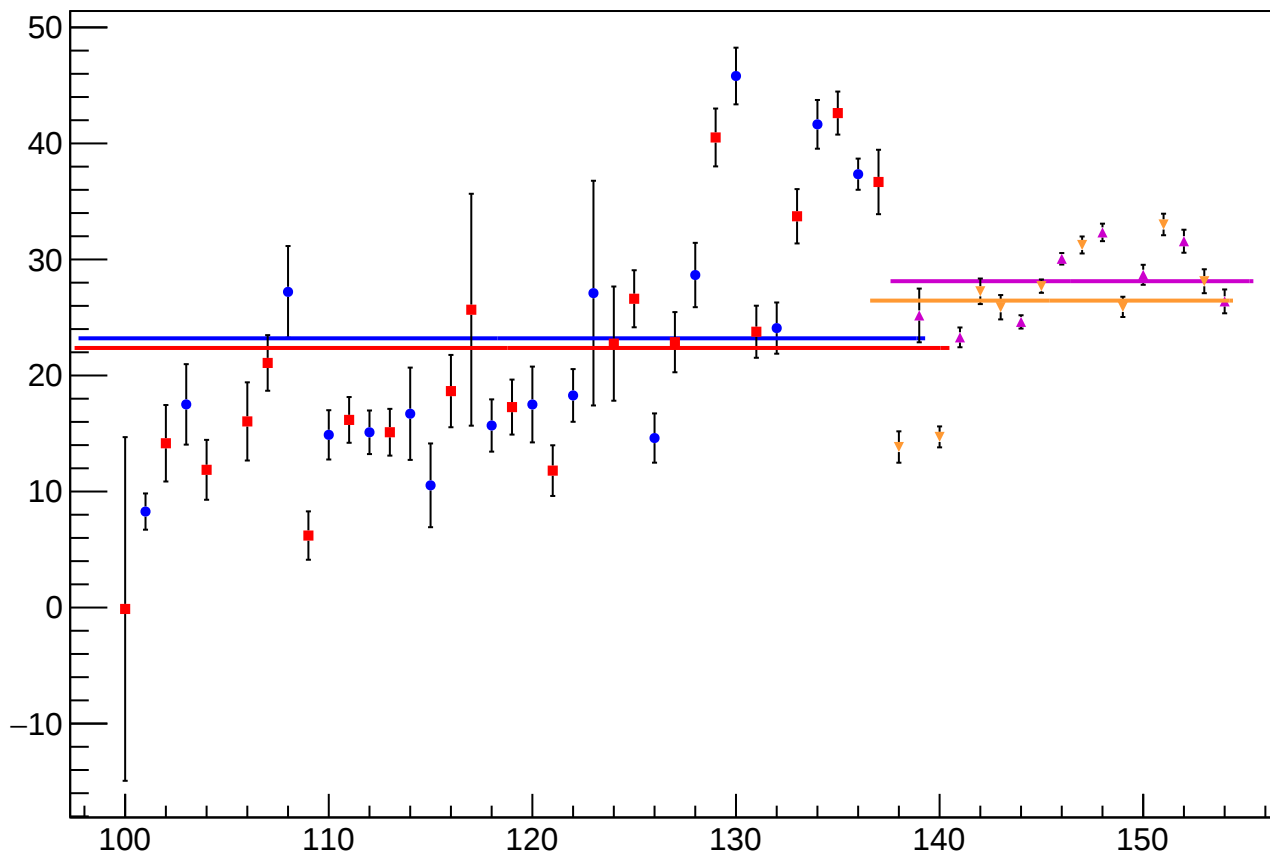
Right Out: -43.025 ± 0.876 $\chi^2/\text{NDF}: 249.7/19$

Left In: -68.914 ± 0.327 $\chi^2/\text{NDF}: 2713.4/7$

-67.944 ± 0.327 $\chi^2/\text{NDF}: 2904.0/25$

-65.741 ± 0.307 $\chi^2/\text{NDF}: 3729.3/27$

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.205+/-0.559 χ^2/NDF : 457.3/16

Left Out: 26.454+/-0.291 χ^2/NDF : 357.8/8

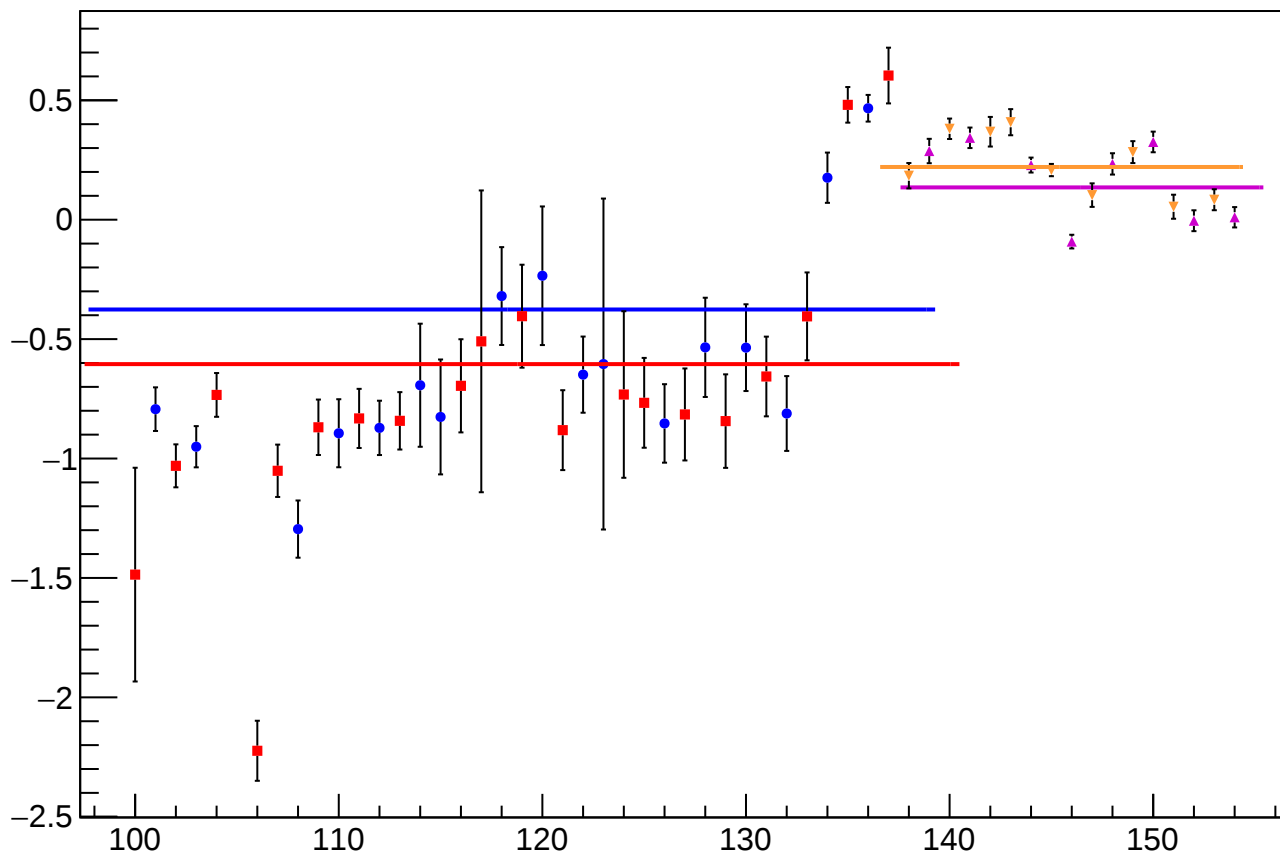
Right Out: 22.372+/-0.572 χ^2/NDF : 367.0/19

Left In: 28.127+/-0.270 χ^2/NDF : 132.9/7

25.760+/-0.258 χ^2/NDF : 841.7/25

27.079+/-0.244 χ^2/NDF : 582.8/27

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.376 ± 0.030 $\chi^2/\text{NDF}: 437.3/16$

Left Out: 0.221 ± 0.014 $\chi^2/\text{NDF}: 60.4/8$

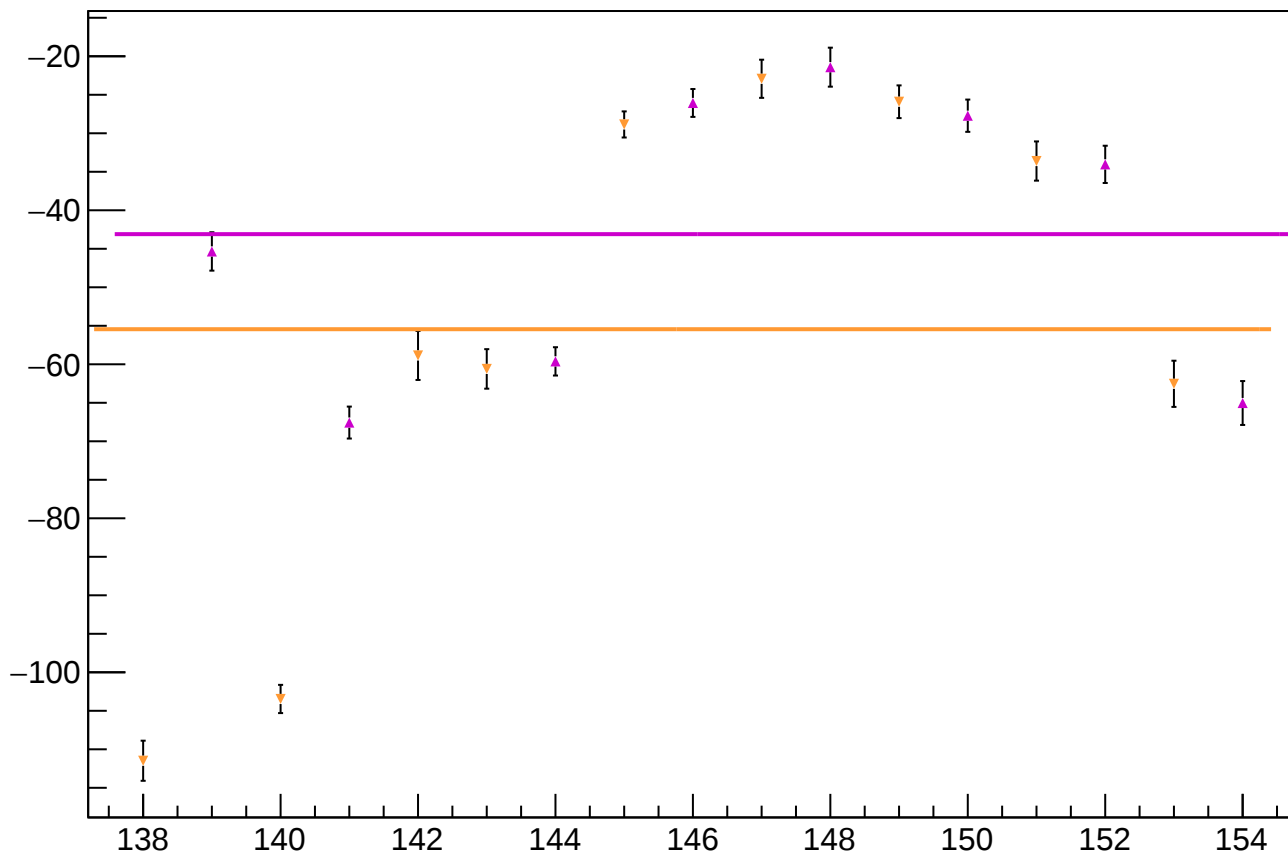
Right Out: -0.605 ± 0.030 $\chi^2/\text{NDF}: 551.2/19$

Left In: 0.135 ± 0.014 $\chi^2/\text{NDF}: 147.0/7$

0.109 ± 0.013 $\chi^2/\text{NDF}: 816.9/25$

0.008 ± 0.013 $\chi^2/\text{NDF}: 1195.4/27$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -55.444+/-0.768 χ^2/NDF : 1845.8/8

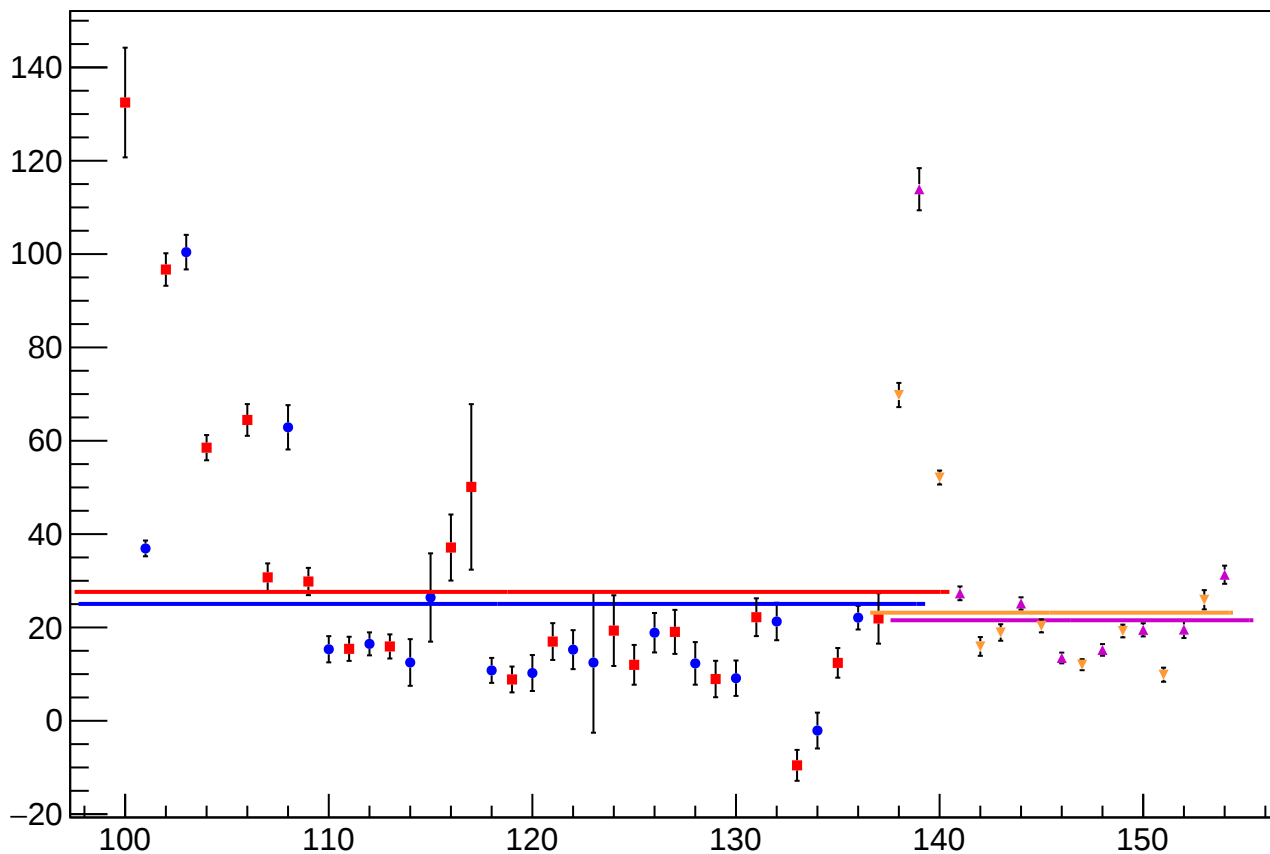
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.099+/-0.773 χ^2/NDF : 509.8/7

-55.444+/-0.768 χ^2/NDF : 1845.8/8

-43.099+/-0.773 χ^2/NDF : 509.8/7

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.045 ± 0.806 χ^2/NDF : 686.4/16

Left Out: 23.167 ± 0.527 χ^2/NDF : 895.3/8

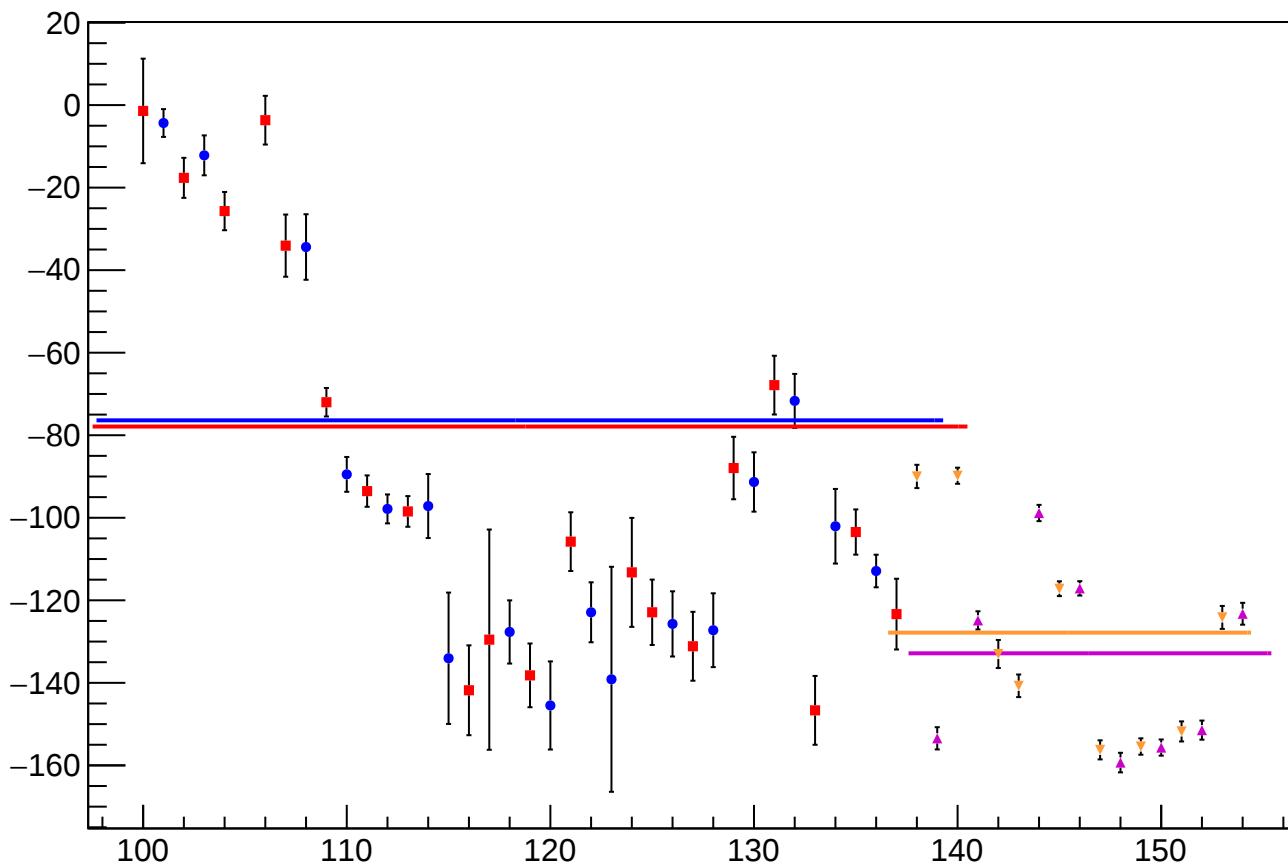
Right Out: 27.620 ± 0.809 χ^2/NDF : 1014.4/19

Left In: 21.541 ± 0.531 χ^2/NDF : 544.8/7

23.730 ± 0.441 χ^2/NDF : 1585.6/25

23.369 ± 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: -127.830 ± 0.777 χ^2/NDF : 1061.2/8

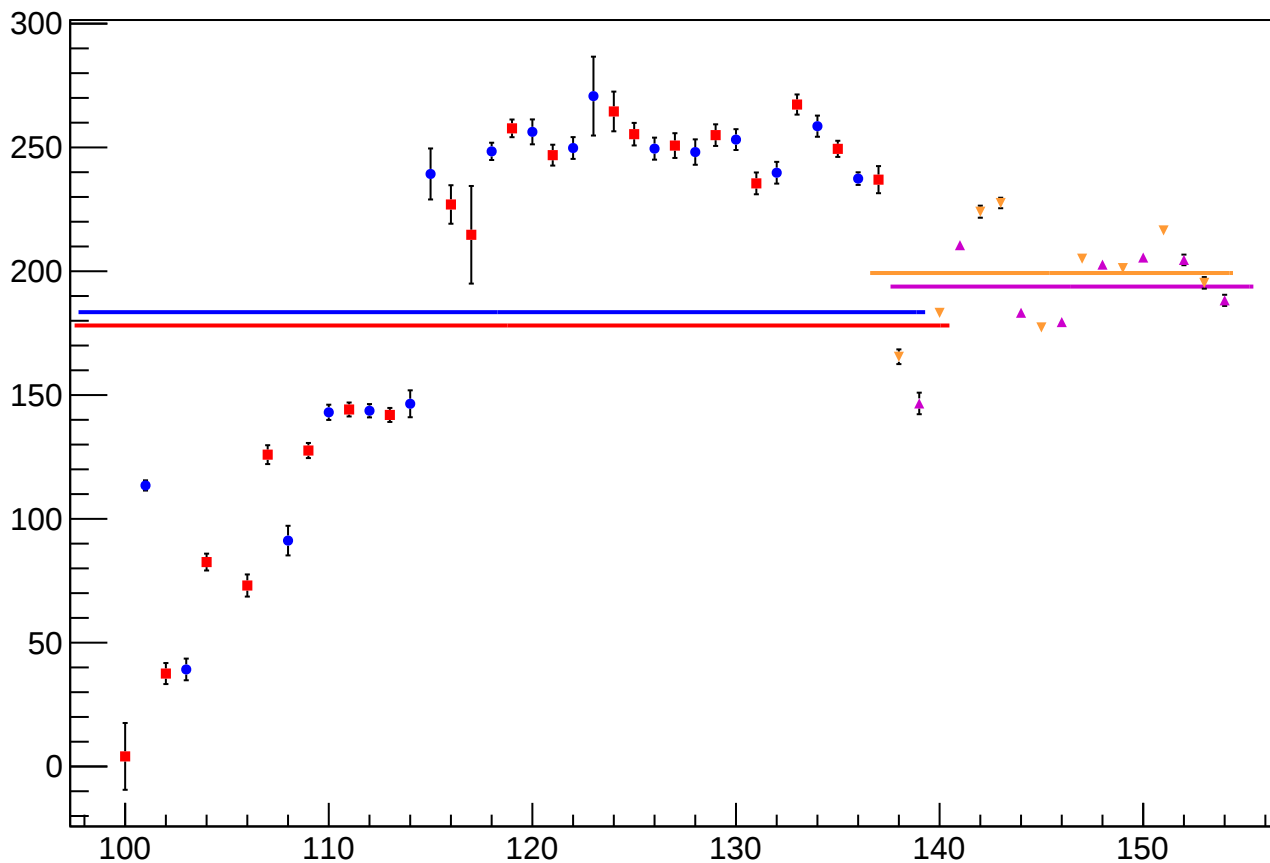
Right Out: -77.894 ± 1.351 χ^2/NDF : 876.4/19

Left In: -132.841 ± 0.767 χ^2/NDF : 789.2/7

-115.935 ± 0.681 χ^2/NDF : 3107.3/25

-119.440 ± 0.667 χ^2/NDF : 2916.2/27

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.478 $\pm$ 0.919 χ^2 /NDF: 5331.4/16

Left Out: 199.288 $\pm$ 0.646 χ^2 /NDF: 773.0/8

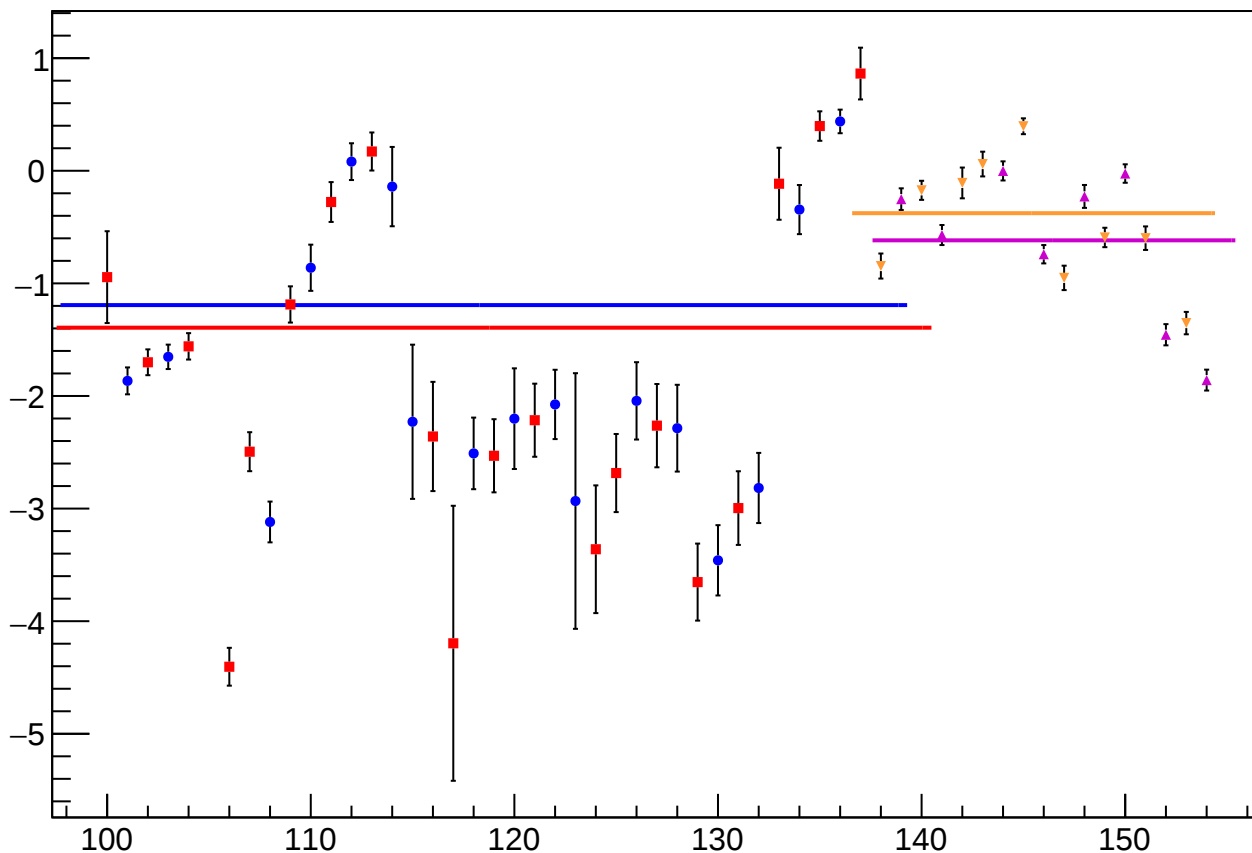
Right Out: 178.092 $\pm$ 0.923 χ^2 /NDF: 6349.2/19

Left In: 193.812 $\pm$ 0.647 χ^2 /NDF: 461.3/7

194.054 $\pm$ 0.529 χ^2 /NDF: 6302.5/25

188.635 $\pm$ 0.530 χ^2 /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: -0.377+/-0.032 χ^2/NDF : 298.9/8

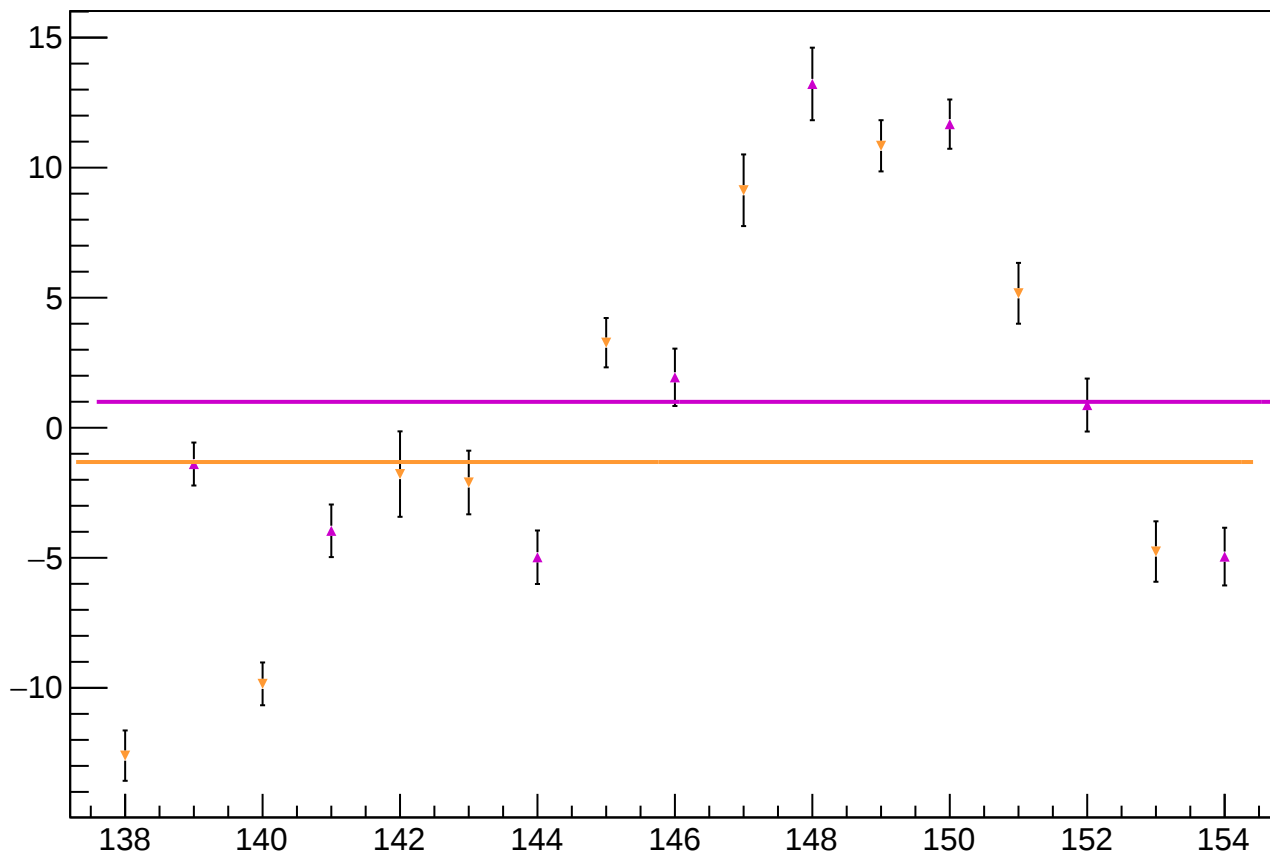
Right Out: -1.393+/-0.046 χ^2/NDF : 925.8/19

Left In: -0.618+/-0.032 χ^2/NDF : 394.7/7

-0.628+/-0.027 χ^2/NDF : 1119.4/25

-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: -1.317+/-0.360 χ^2/NDF : 517.1/8

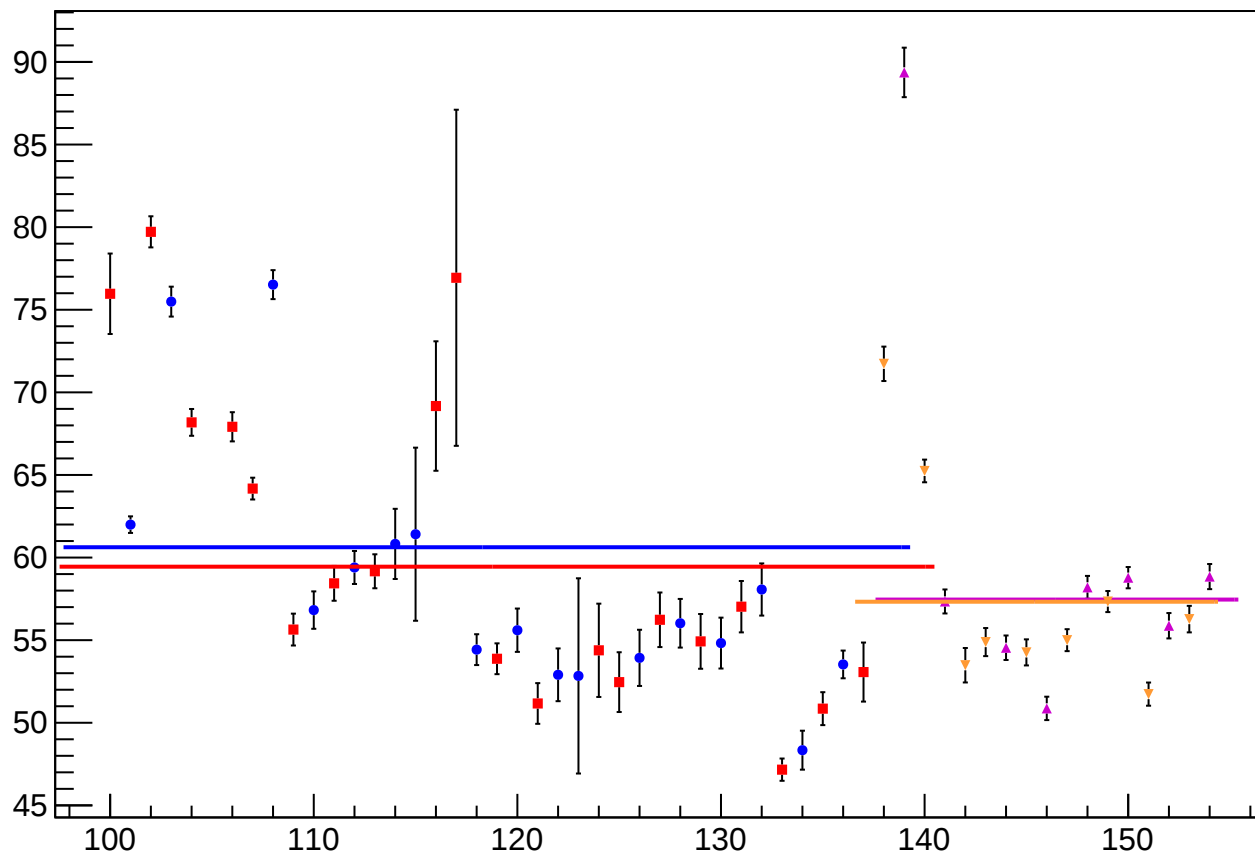
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.996+/-0.362 χ^2/NDF : 299.5/7

-1.317+/-0.360 χ^2/NDF : 517.1/8

0.996+/-0.362 χ^2/NDF : 299.5/7

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.625 ± 0.263 $\chi^2/\text{NDF}: 924.6/16$

Left Out: 57.327 ± 0.256 $\chi^2/\text{NDF}: 438.8/8$

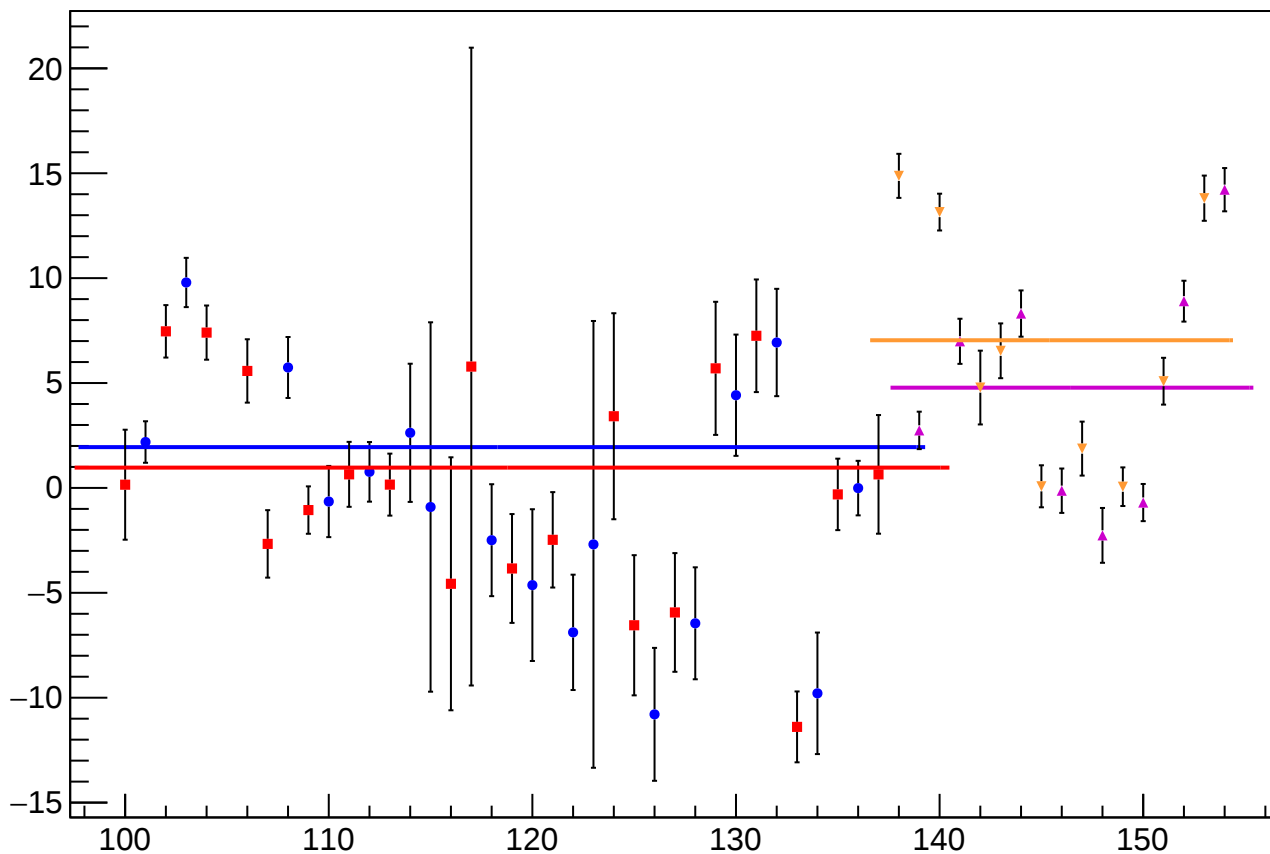
Right Out: 59.448 ± 0.248 $\chi^2/\text{NDF}: 1326.3/19$

Left In: 57.457 ± 0.267 $\chi^2/\text{NDF}: 568.7/7$

58.931 ± 0.183 $\chi^2/\text{NDF}: 1444.1/25$

58.525 ± 0.181 $\chi^2/\text{NDF}: 1924.9/27$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.945 ± 0.459 χ^2/NDF : 120.6/16

Left Out: 7.039 ± 0.364 χ^2/NDF : 270.5/8

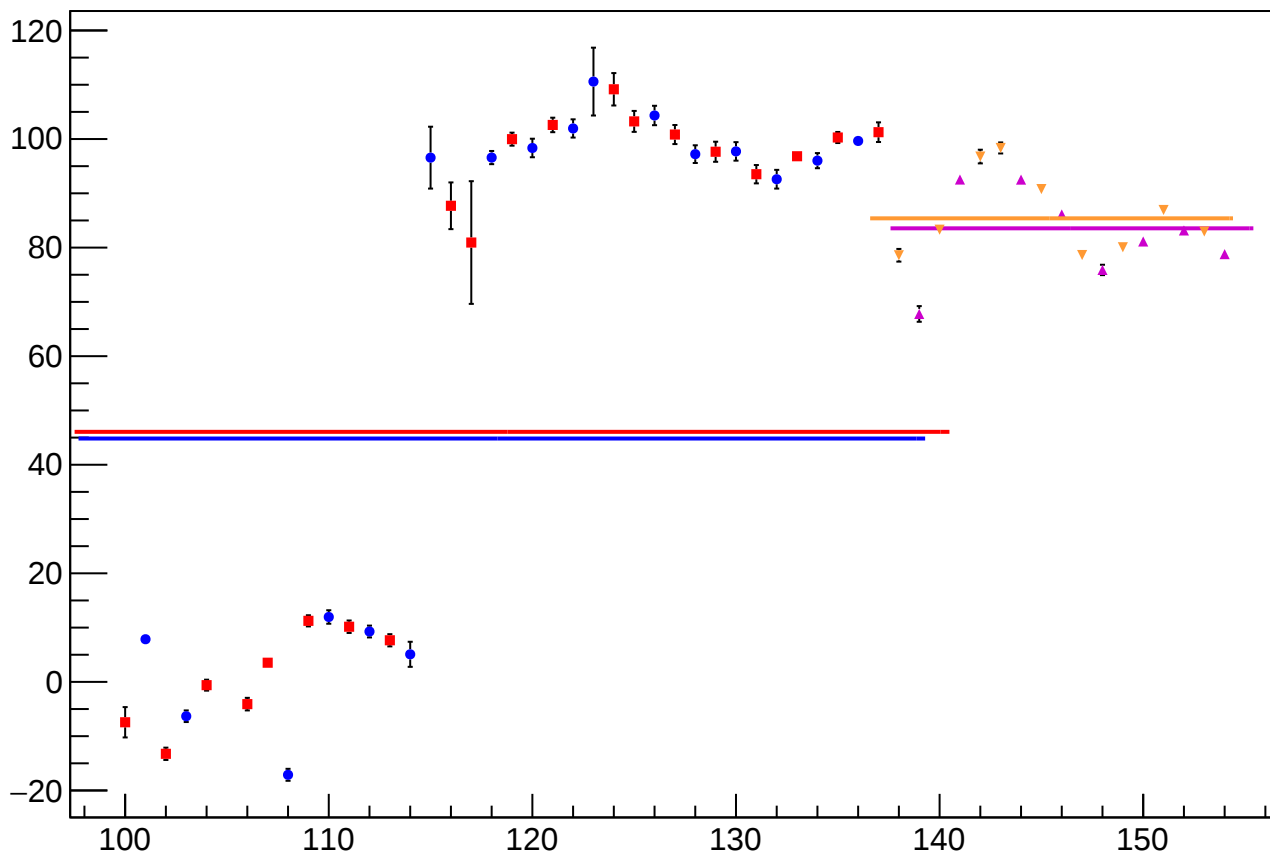
Right Out: 0.968 ± 0.424 χ^2/NDF : 149.6/19

Left In: 4.778 ± 0.361 χ^2/NDF : 210.1/7

5.074 ± 0.285 χ^2/NDF : 466.8/25

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: 85.391+/-0.310 χ^2/NDF : 434.0/8

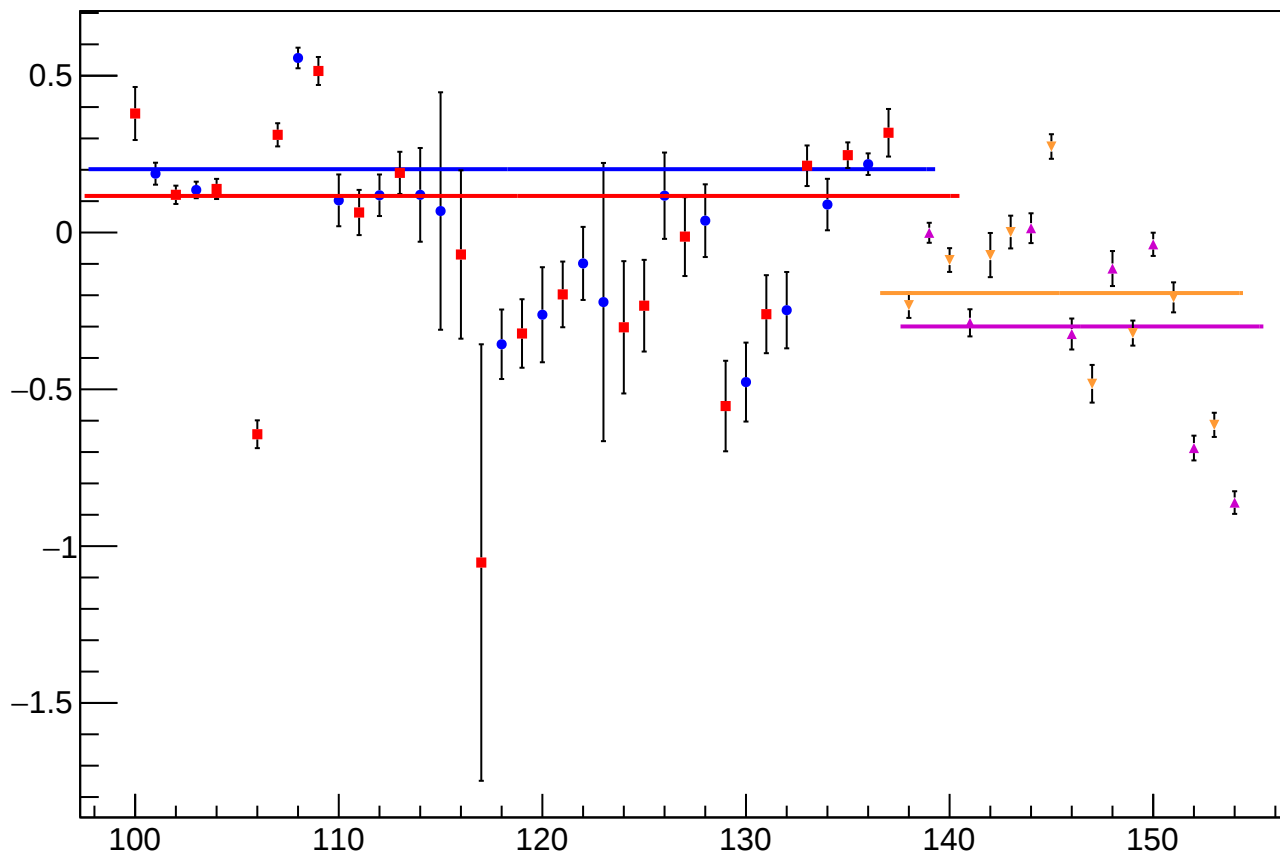
Right Out: 46.062+/-0.289 χ^2/NDF : 28272.9/19

Left In: 83.550+/-0.319 χ^2/NDF : 444.3/7

64.756+/-0.217 χ^2/NDF : 33905.5/25

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: -0.193 ± 0.015 χ^2/NDF : 319.5/8

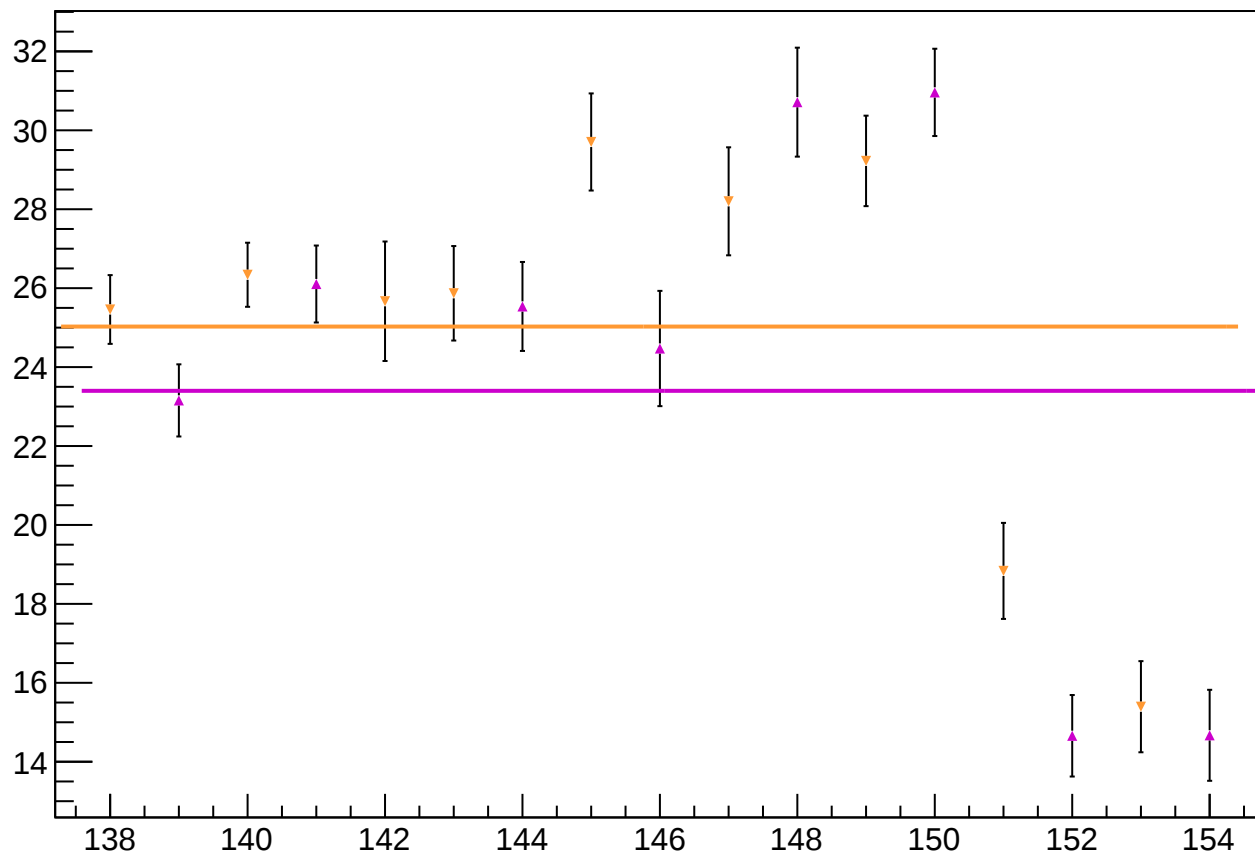
Right Out: 0.117 ± 0.013 χ^2/NDF : 502.5/19

Left In: -0.300 ± 0.014 χ^2/NDF : 530.6/7

0.015 ± 0.010 χ^2/NDF : 908.4/25

-0.071 ± 0.010 χ^2/NDF : 1492.7/27

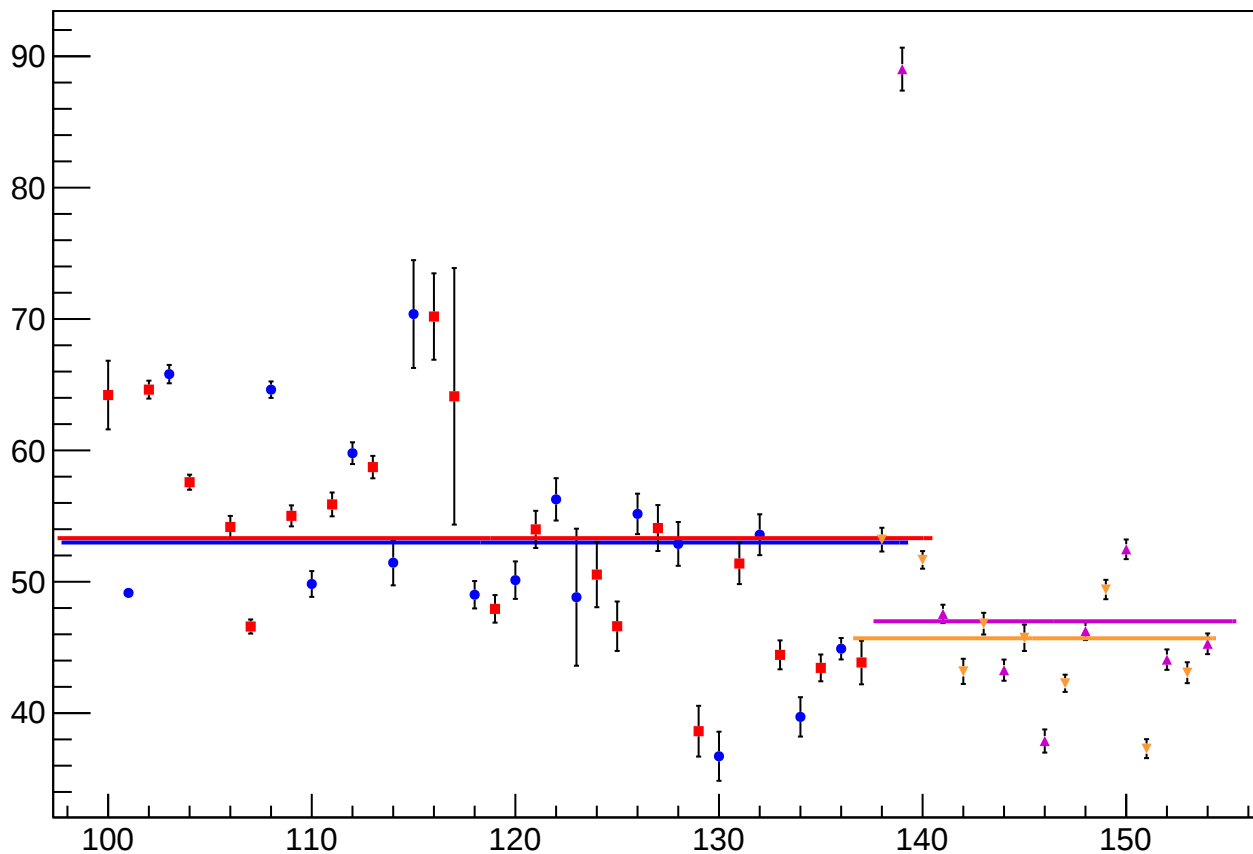
reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 25.027+/-0.369 χ^2/NDF :132.3/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 23.399+/-0.391 χ^2/NDF :215.7/7

25.027+/-0.369 χ^2/NDF : 132.3/8
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: 45.697 $\pm$ 0.261 χ^2 /NDF: 356.1/8

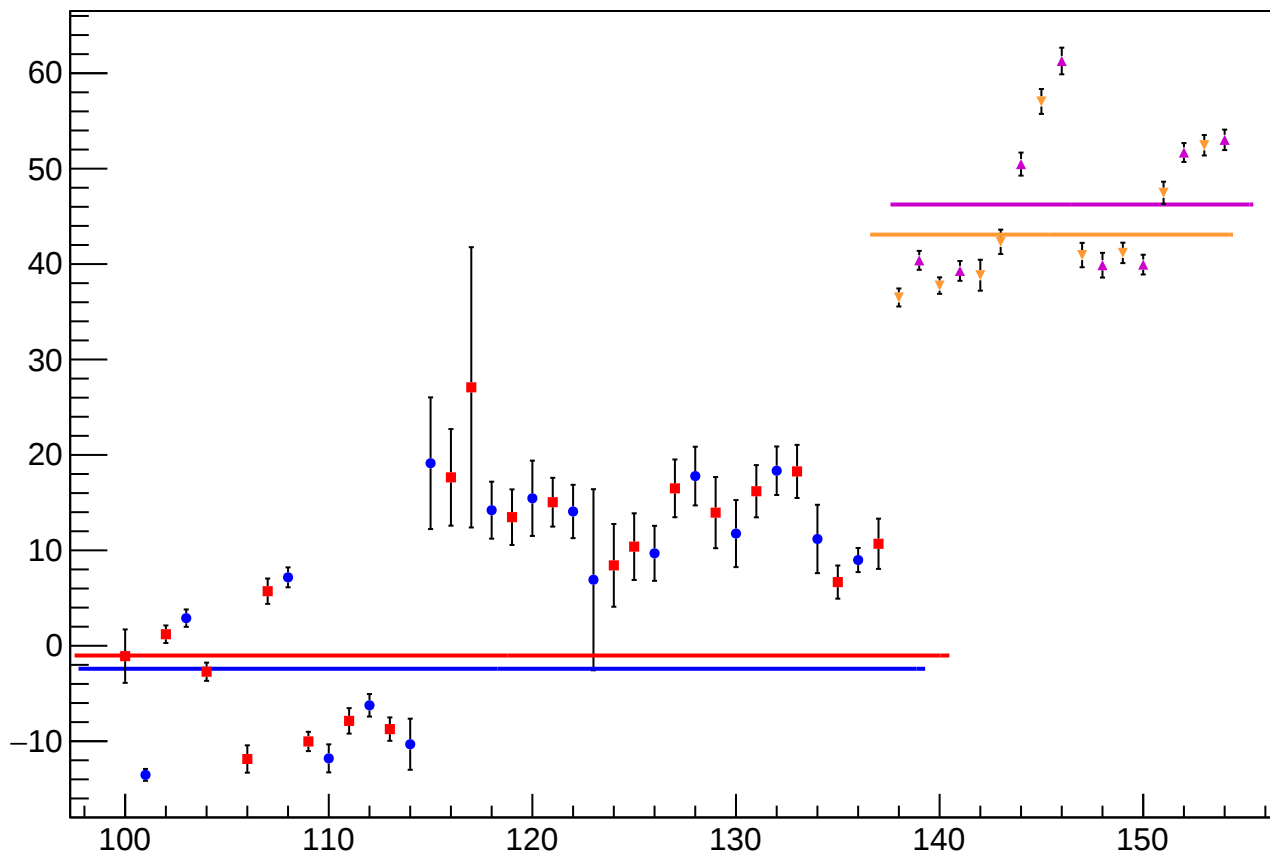
Right Out: 53.320 $\pm$ 0.227 χ^2 /NDF: 876.8/19

Left In: 46.992 $\pm$ 0.283 χ^2 /NDF: 863.4/7

50.112 $\pm$ 0.164 χ^2 /NDF: 2026.0/25

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: 43.089+/-0.375 χ^2/NDF : 304.9/8

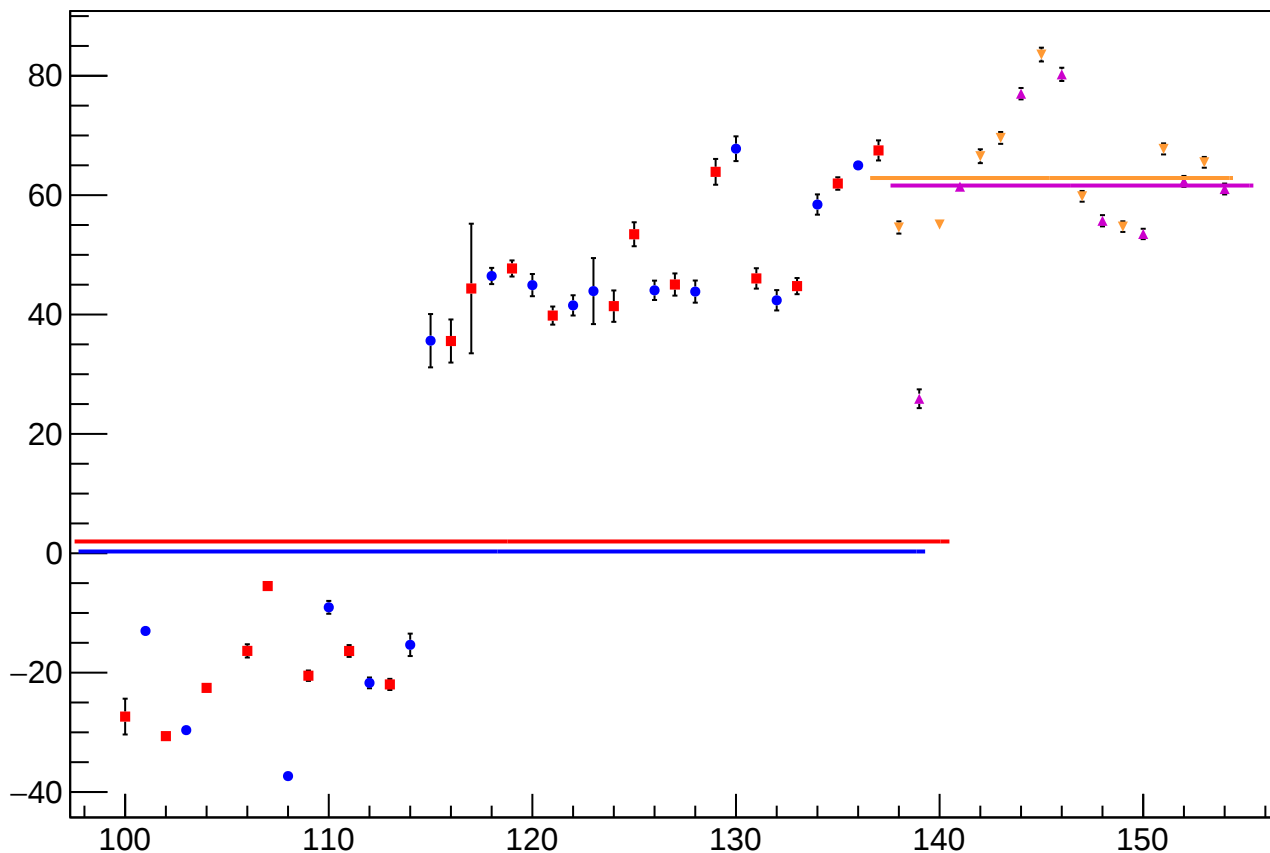
Right Out: -1.021+/-0.377 χ^2/NDF : 511.2/19

Left In: 46.242+/-0.390 χ^2/NDF : 340.1/7

19.711+/-0.261 χ^2/NDF : 8722.1/25

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: 62.874 ± 0.318 χ^2/NDF : 666.0/8

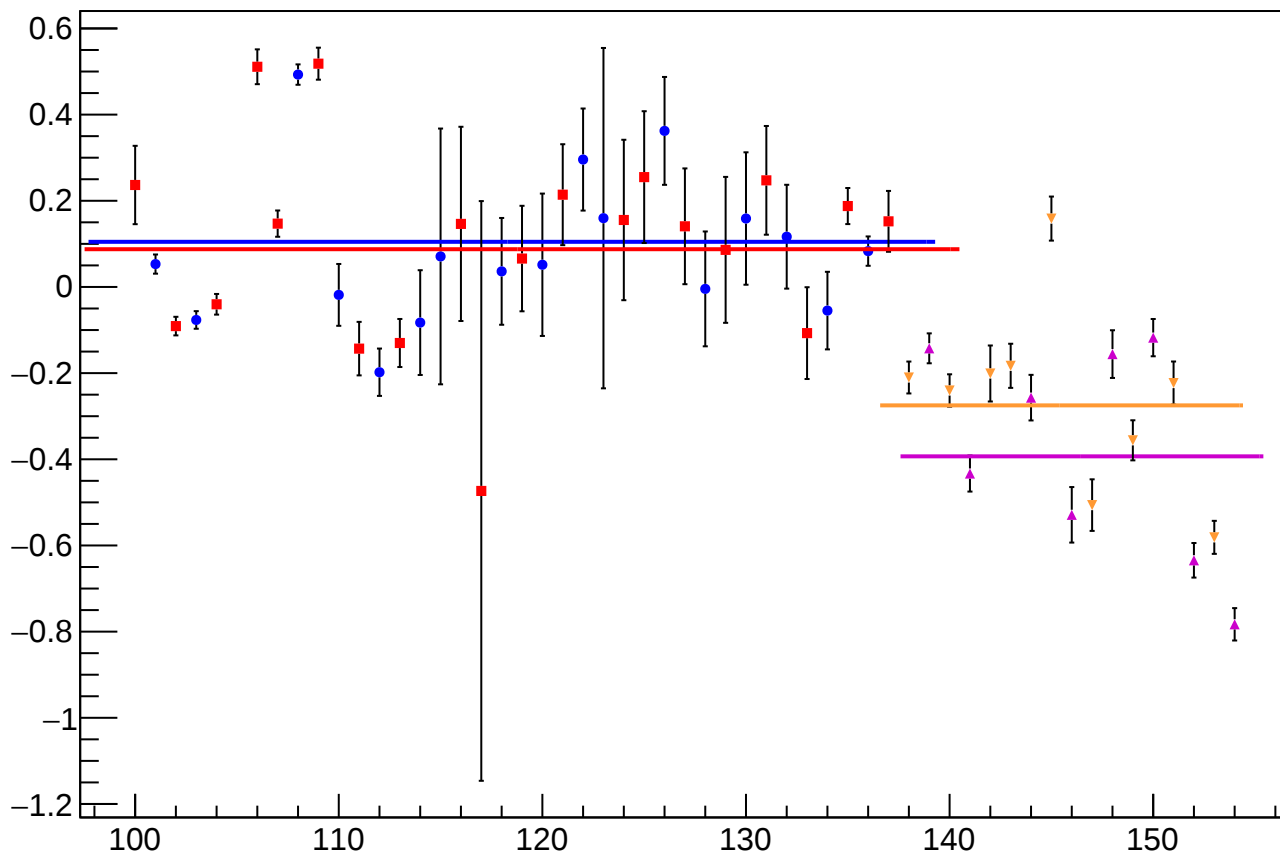
Right Out: 1.978 ± 0.267 χ^2/NDF : 15465.9/19

Left In: 61.612 ± 0.341 χ^2/NDF : 1185.2/7

23.894 ± 0.195 χ^2/NDF : 43042.8/25

24.577 ± 0.210 χ^2/NDF : 35619.7/27

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.275 ± 0.015 χ^2/NDF : 163.3/8

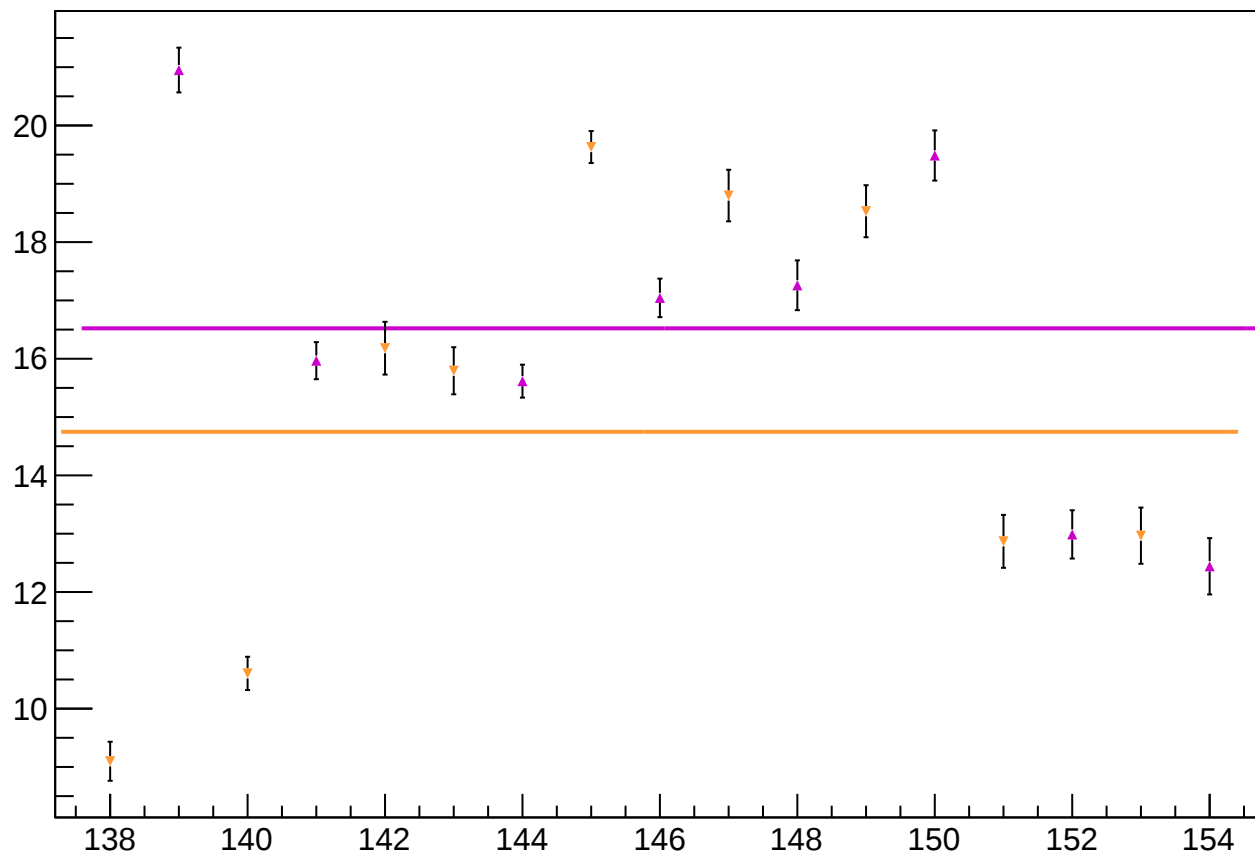
Right Out: 0.088 ± 0.011 χ^2/NDF : 391.6/19

Left In: -0.393 ± 0.015 χ^2/NDF : 266.8/7

-0.025 ± 0.009 χ^2/NDF : 968.2/25

-0.074 ± 0.009 χ^2/NDF : 1300.4/27

reg_asym_sam7_diff_bpm1X_slope vs Slug

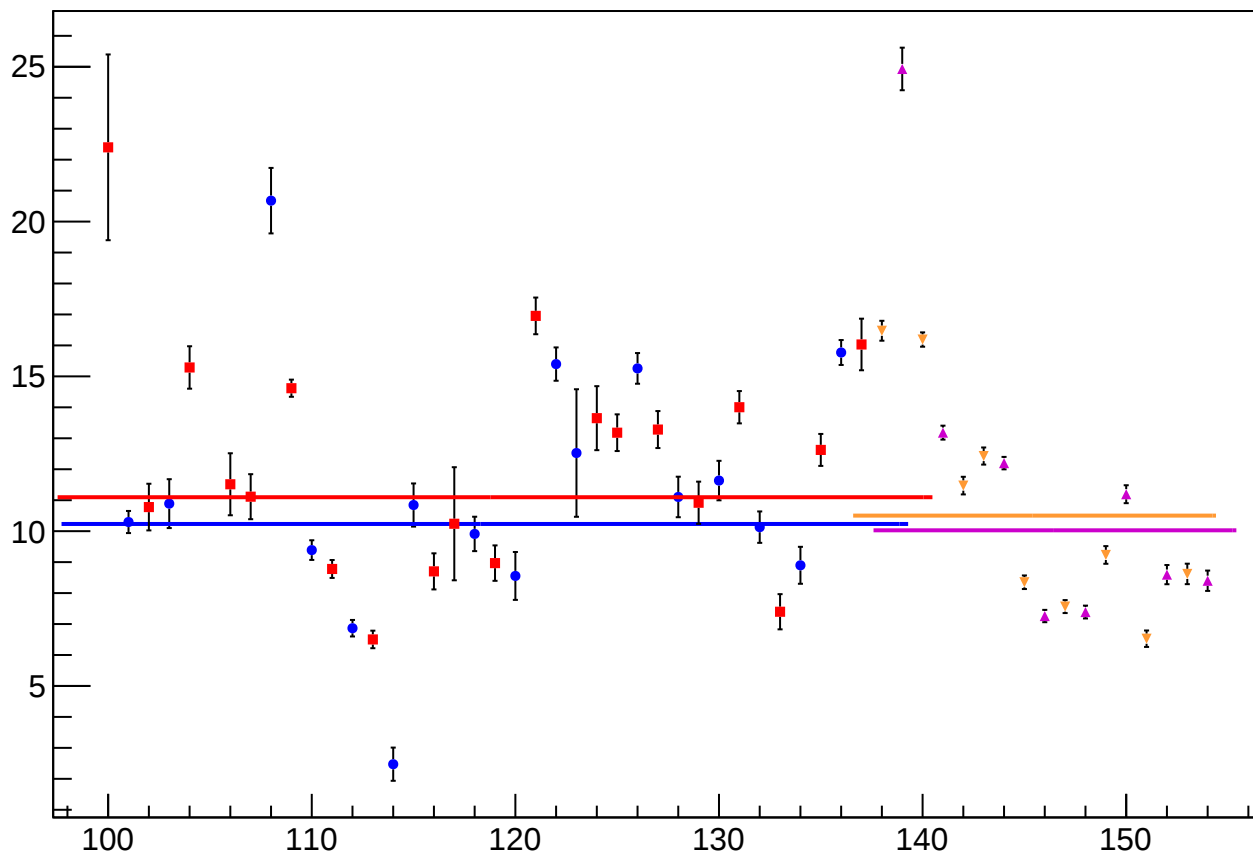


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.747+/-0.124 χ^2/NDF : 1016.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.522+/-0.130 χ^2/NDF : 343.8/7

14.747+/-0.124 χ^2/NDF : 1016.7/8

16.522+/-0.130 χ^2/NDF : 343.8/7

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.232 ± 0.119 $\chi^2/\text{NDF}: 876.7/16$

Left Out: 10.503 ± 0.087 $\chi^2/\text{NDF}: 1578.0/8$

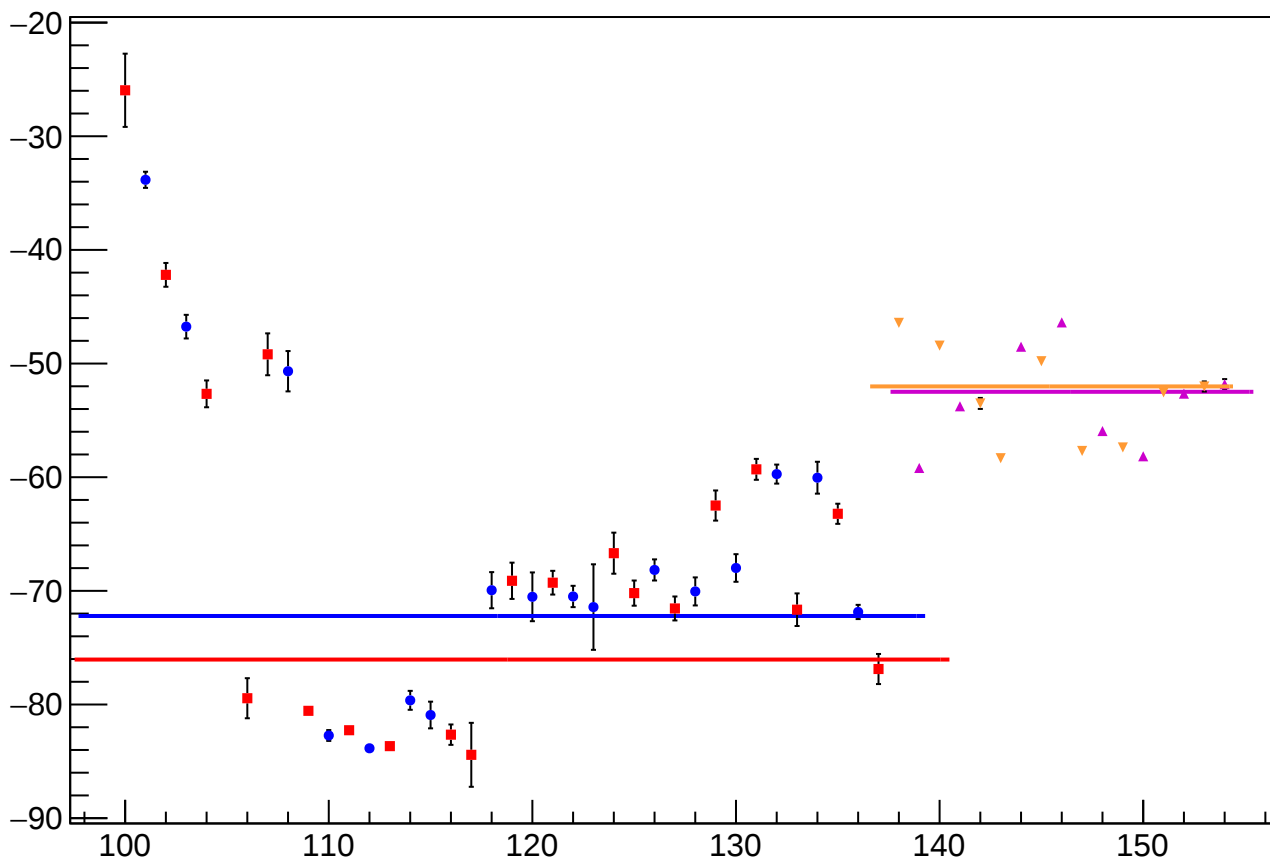
Right Out: 11.096 ± 0.116 $\chi^2/\text{NDF}: 818.0/19$

Left In: 10.028 ± 0.089 $\chi^2/\text{NDF}: 1199.8/7$

10.409 ± 0.070 $\chi^2/\text{NDF}: 2458.1/25$

10.422 ± 0.071 $\chi^2/\text{NDF}: 2071.2/27$

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.211 $\pm$ 0.198 χ^2 /NDF: 5566.2/16

Left Out: -52.012 $\pm$ 0.127 χ^2 /NDF:1015.5/8

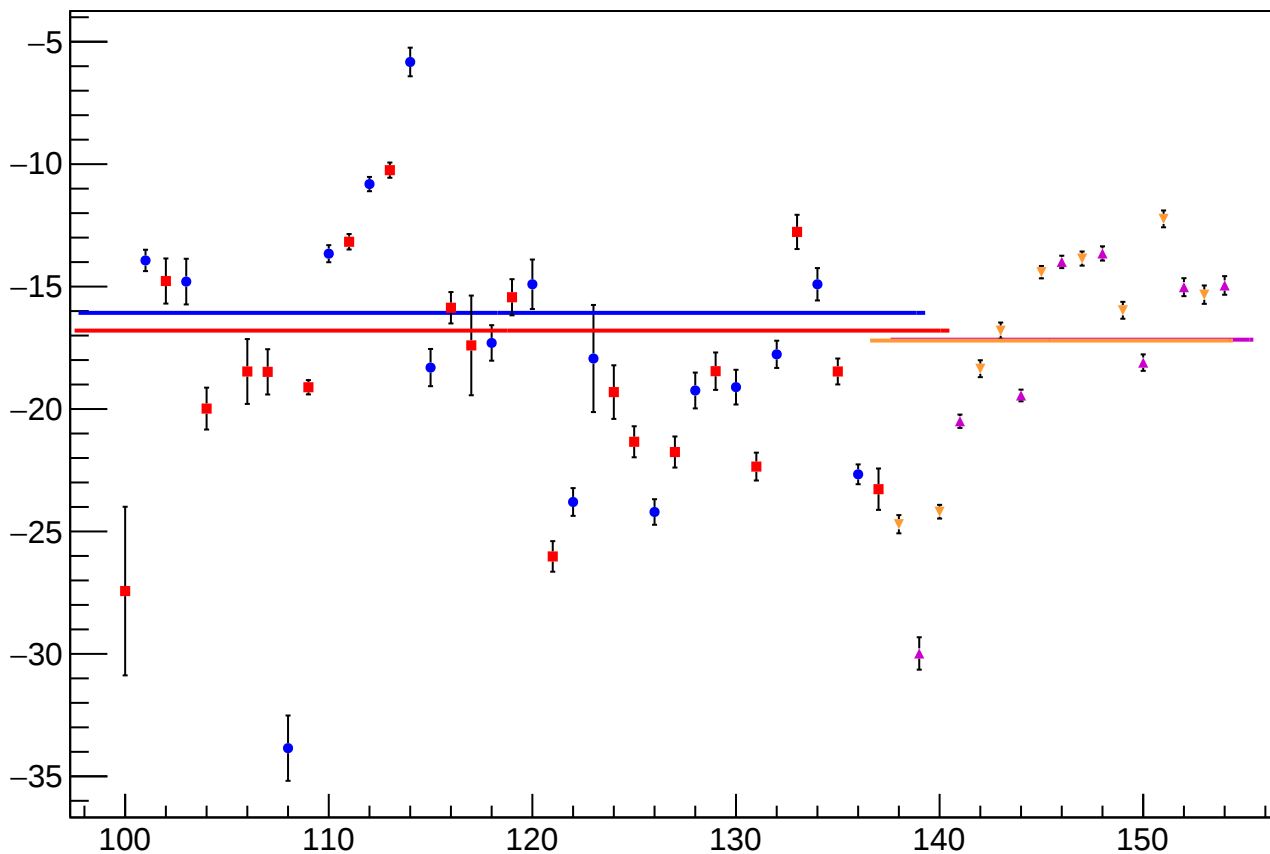
Right Out: -76.044 $\pm$ 0.181 χ^2 /NDF: 3472.2/19

Left In: -52.486 $\pm$ 0.130 χ^2 /NDF:1093.7/7

-57.922 $\pm$ 0.107 χ^2 /NDF: 13944.7/25

-60.523 $\pm$ 0.105 χ^2 /NDF: 15775.0/27

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.073 ± 0.133 $\chi^2/\text{NDF}: 1640.5/16$

Left Out: -17.204 ± 0.106 $\chi^2/\text{NDF}: 1543.4/8$

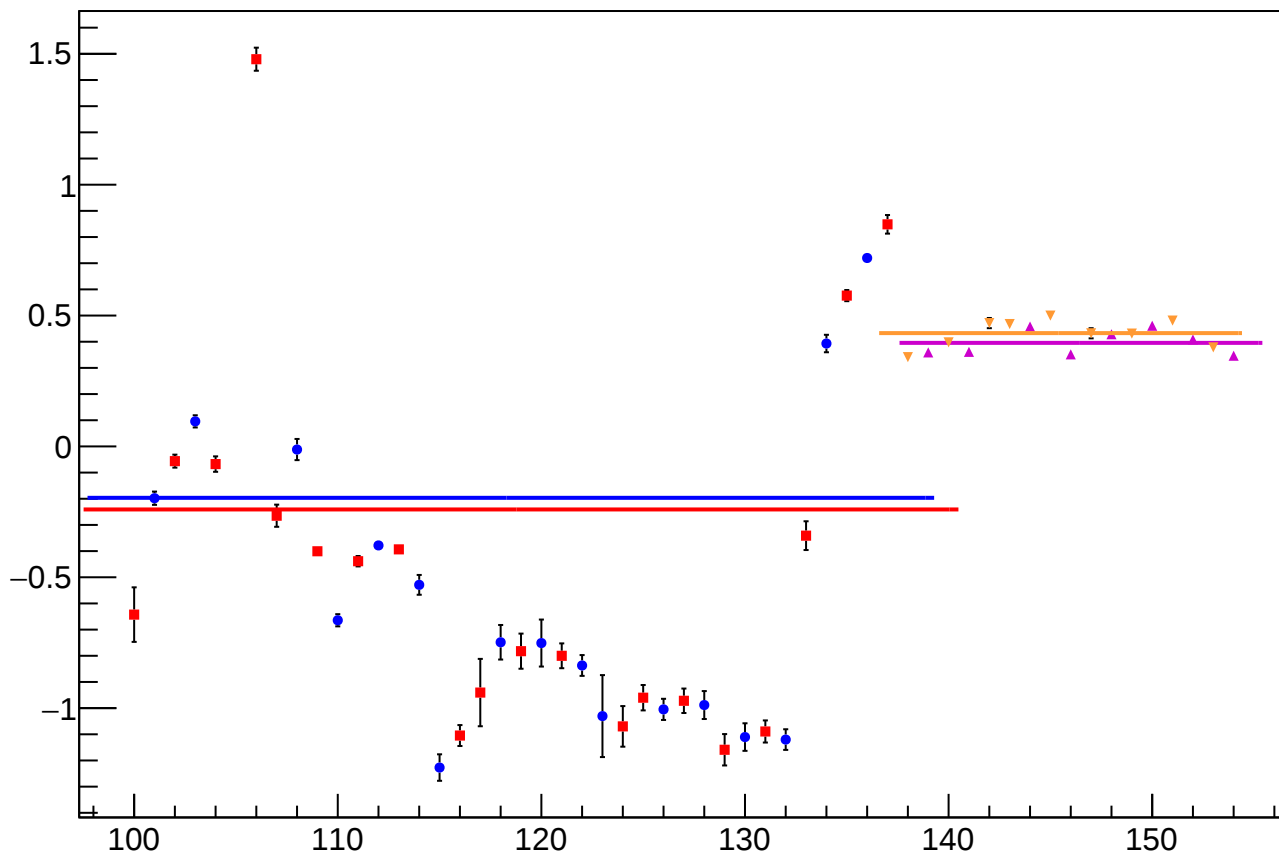
Right Out: -16.797 ± 0.128 $\chi^2/\text{NDF}: 1216.1/19$

Left In: -17.168 ± 0.109 $\chi^2/\text{NDF}: 996.7/7$

-16.762 ± 0.083 $\chi^2/\text{NDF}: 3228.3/25$

-17.012 ± 0.083 $\chi^2/\text{NDF}: 2217.7/27$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.196 ± 0.008 χ^2/NDF : 6323.5/16

Left Out: 0.433 ± 0.005 χ^2/NDF : 107.7/8

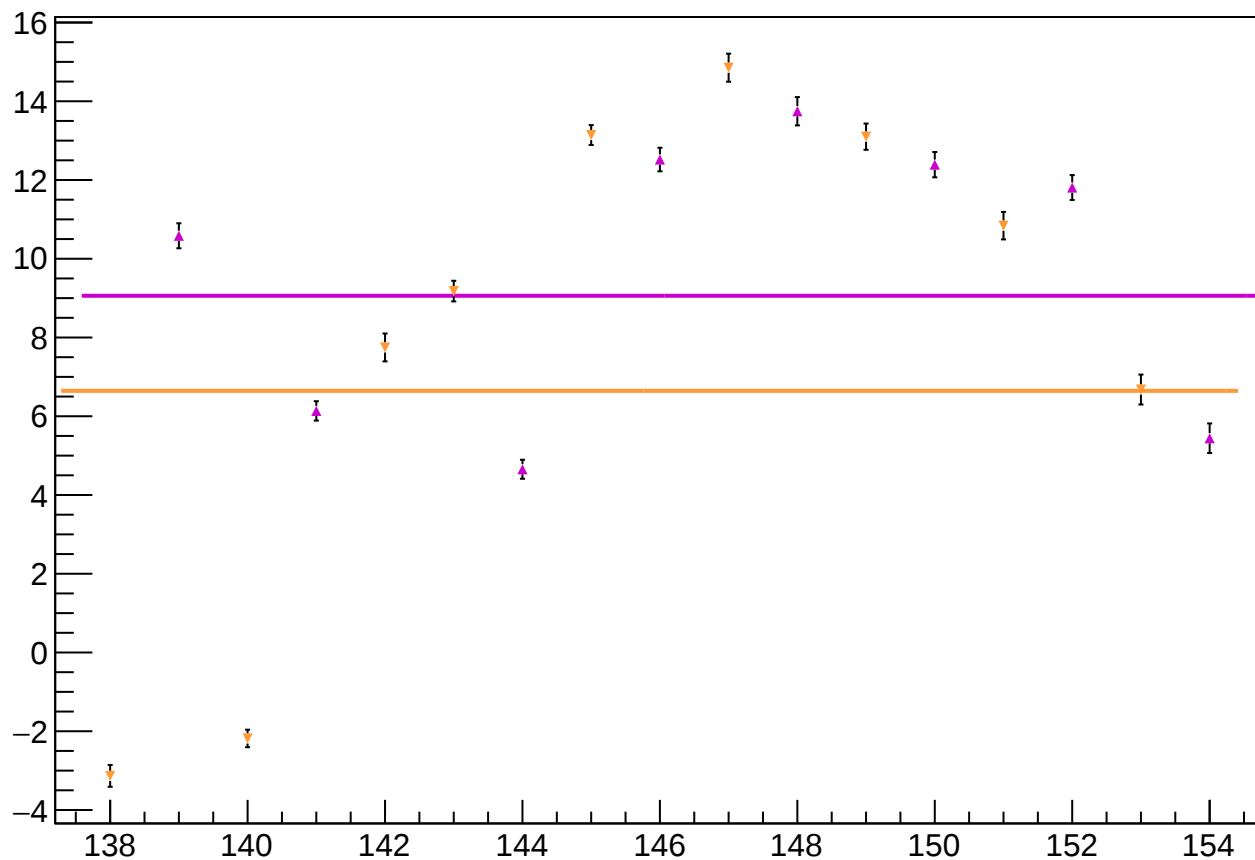
Right Out: -0.241 ± 0.007 χ^2/NDF : 6218.3/19

Left In: 0.396 ± 0.005 χ^2/NDF : 73.1/7

0.229 ± 0.004 χ^2/NDF : 11130.1/25

0.169 ± 0.004 χ^2/NDF : 11370.5/27

reg_asym_sam8_diff_bpm1X_slope vs Slug

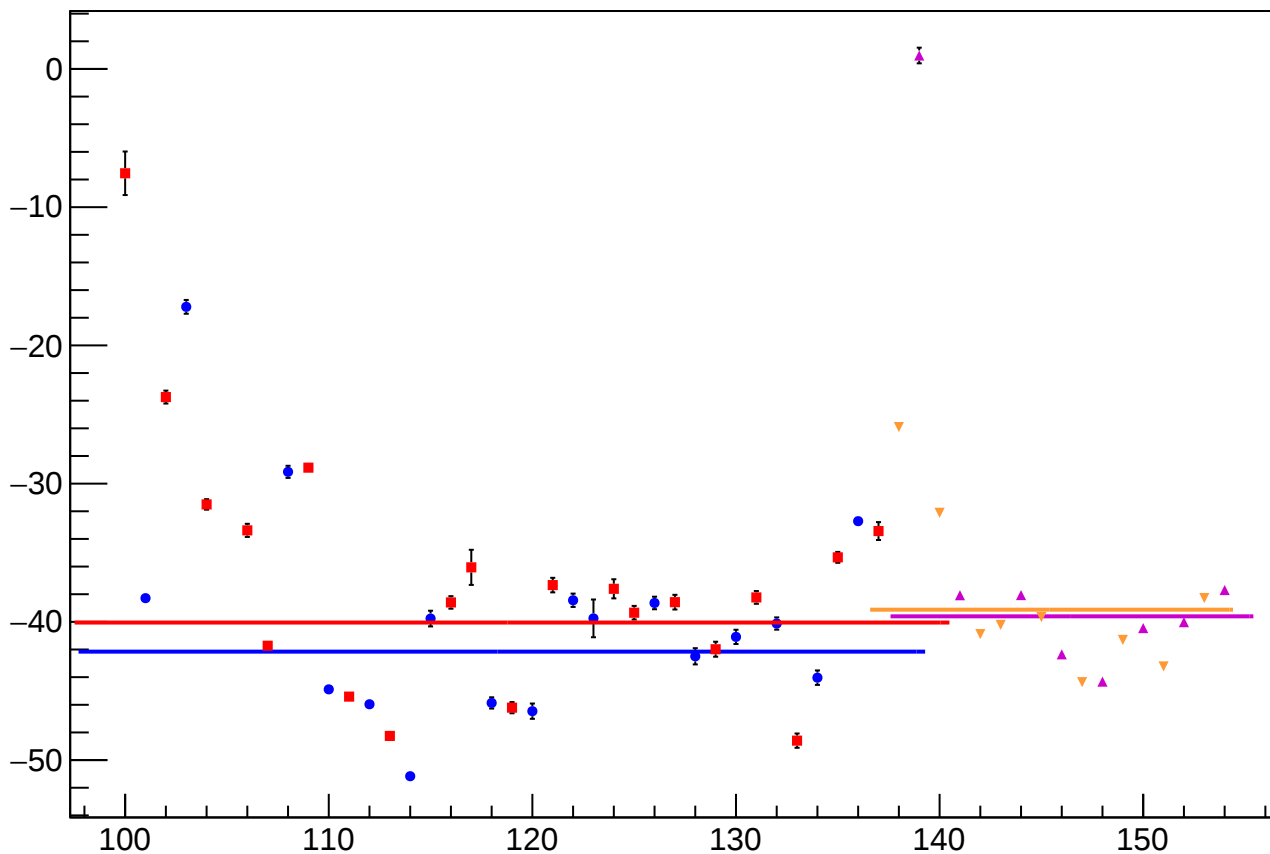


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 6.645+/-0.098 χ^2/NDF : 4627.2/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 9.060+/-0.106 χ^2/NDF : 1076.9/7

6.645+/-0.098 χ^2/NDF : 4627.2/8

9.060+/-0.106 χ^2/NDF : 1076.9/7

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.153 $\pm$ 0.078 χ^2/NDF : 6557.8/16

Left Out: -39.119 $\pm$ 0.068 χ^2/NDF : 5481.5/8

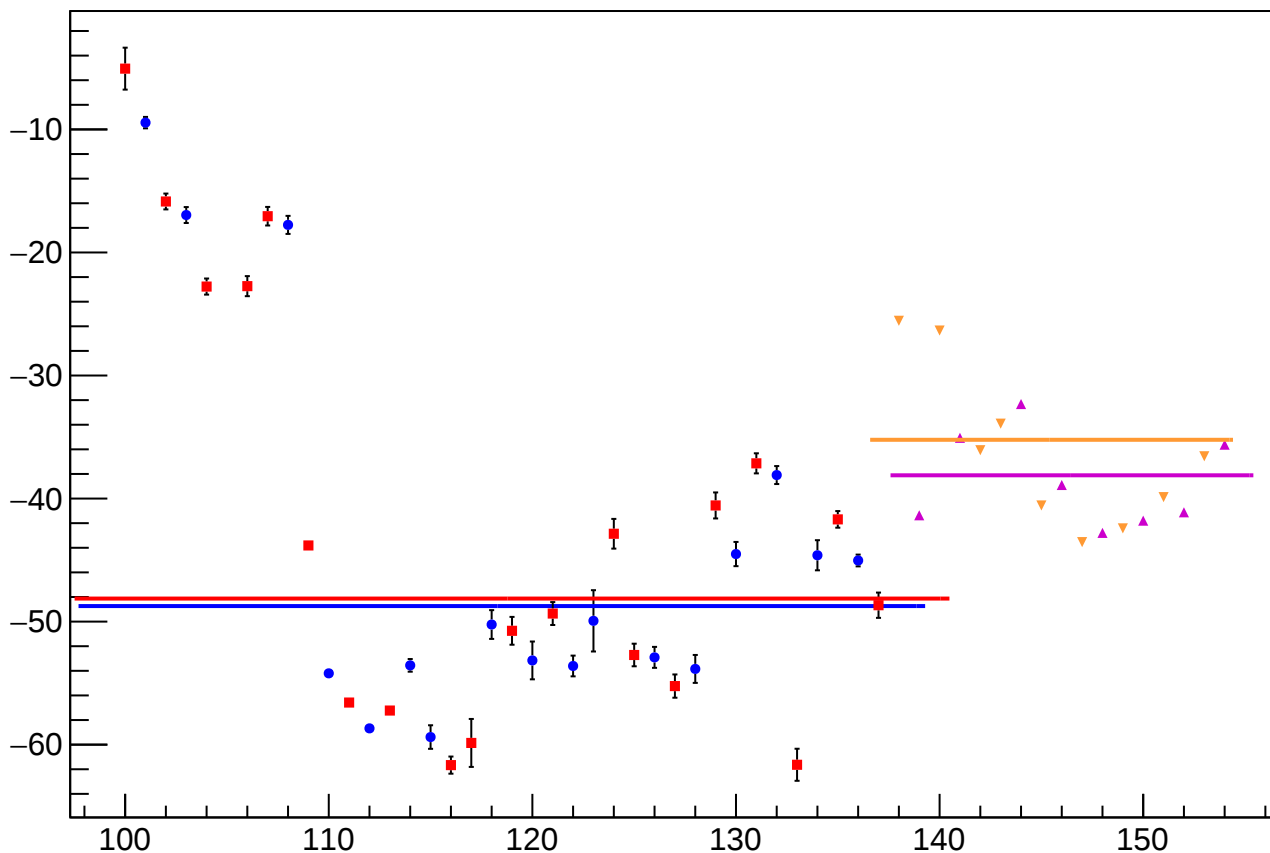
Right Out: -40.049 $\pm$ 0.073 χ^2/NDF : 11332.1/19

Left In: -39.600 $\pm$ 0.074 χ^2/NDF : 6292.8/7

-40.437 $\pm$ 0.051 χ^2/NDF : 12894.6/25

-39.827 $\pm$ 0.052 χ^2/NDF : 17643.8/27

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.737 $\pm$ 0.125 χ^2/NDF : 14658.1/16

Left Out: -35.224 $\pm$ 0.101 χ^2/NDF : 4223.6/8

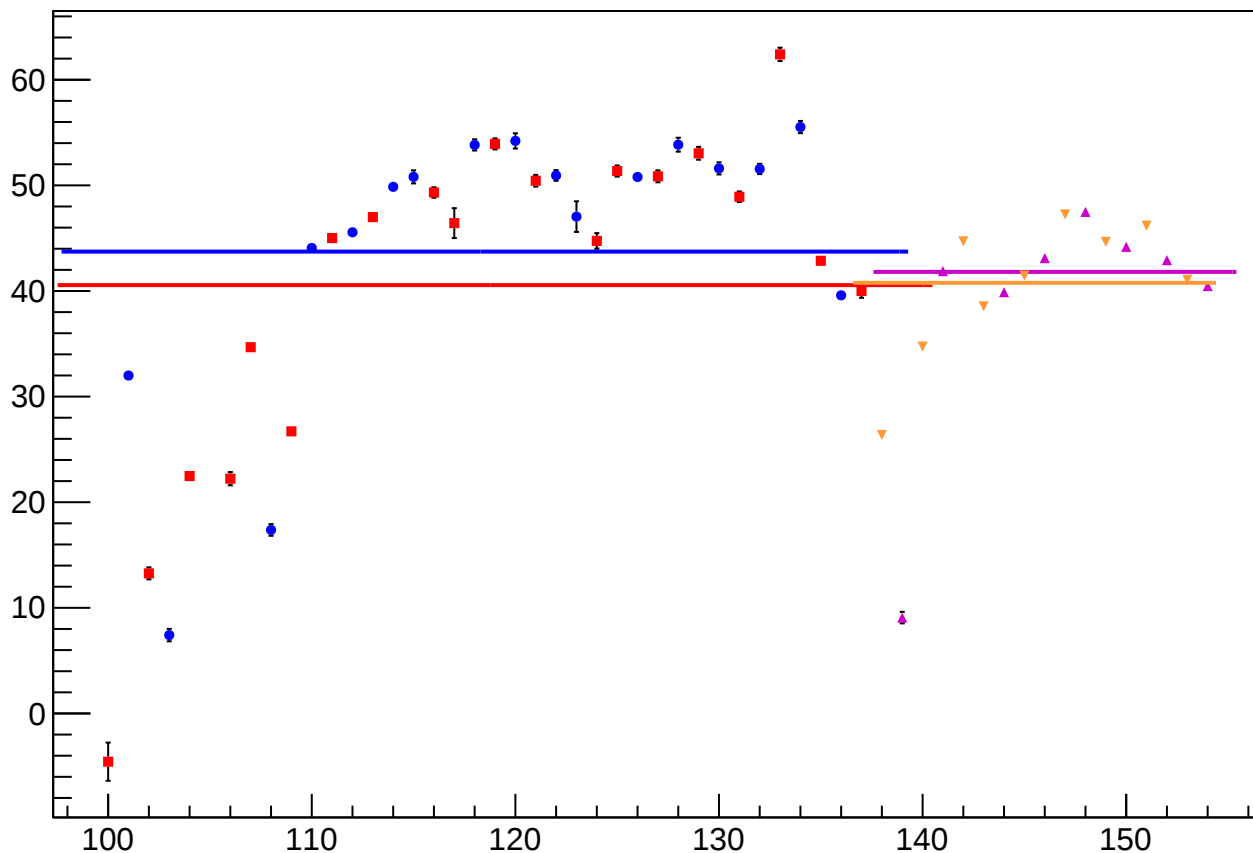
Right Out: -48.127 $\pm$ 0.107 χ^2/NDF : 11769.6/19

Left In: -38.110 $\pm$ 0.106 χ^2/NDF : 1229.2/7

-40.560 $\pm$ 0.078 χ^2/NDF : 26003.2/25

-43.064 $\pm$ 0.075 χ^2/NDF : 17423.3/27

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.731+/-0.087 χ^2/NDF : 10567.7/16

Left Out: 40.772+/-0.084 χ^2/NDF : 4646.5/8

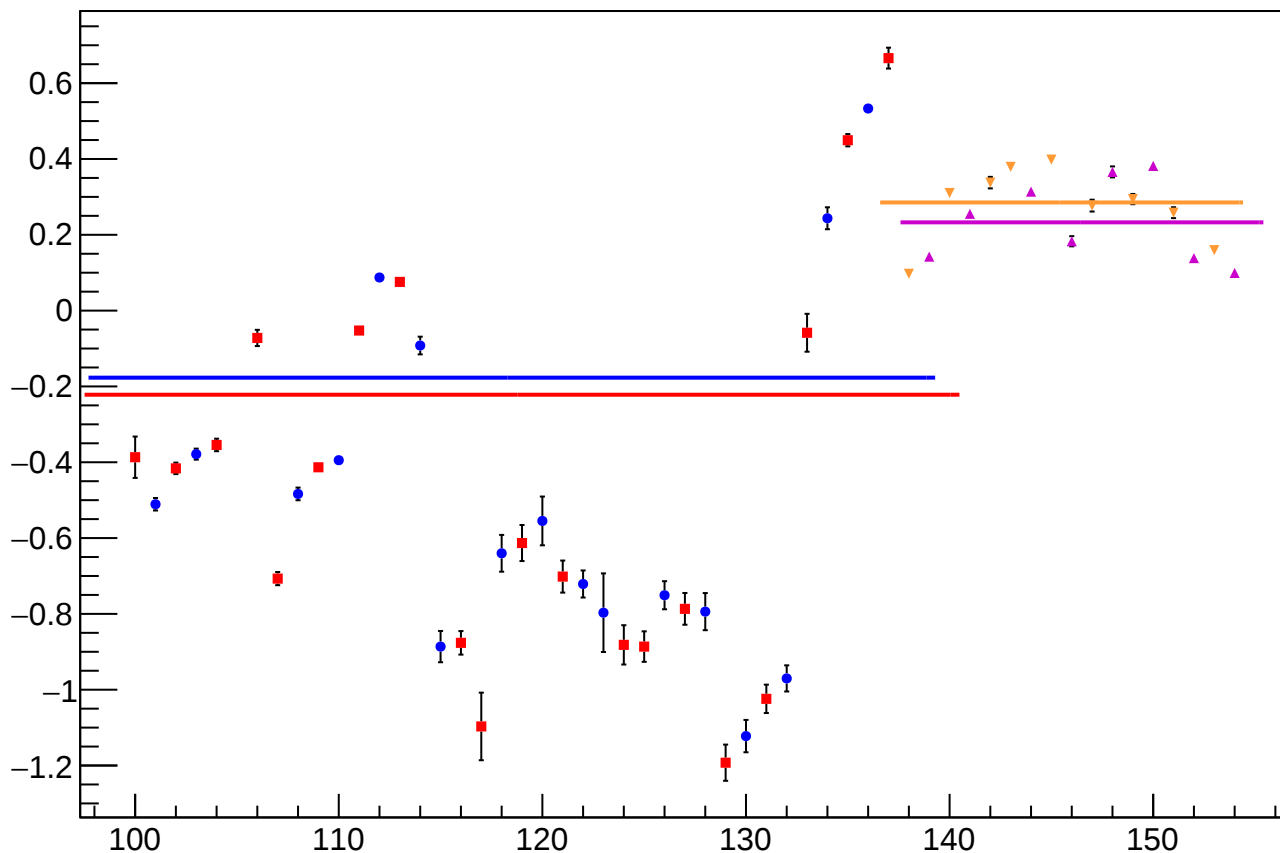
Right Out: 40.556+/-0.080 χ^2/NDF : 17618.6/19

Left In: 41.808+/-0.090 χ^2/NDF : 4385.9/7

42.195+/-0.060 χ^2/NDF : 15816.6/25

41.113+/-0.060 χ^2/NDF : 22113.1/27

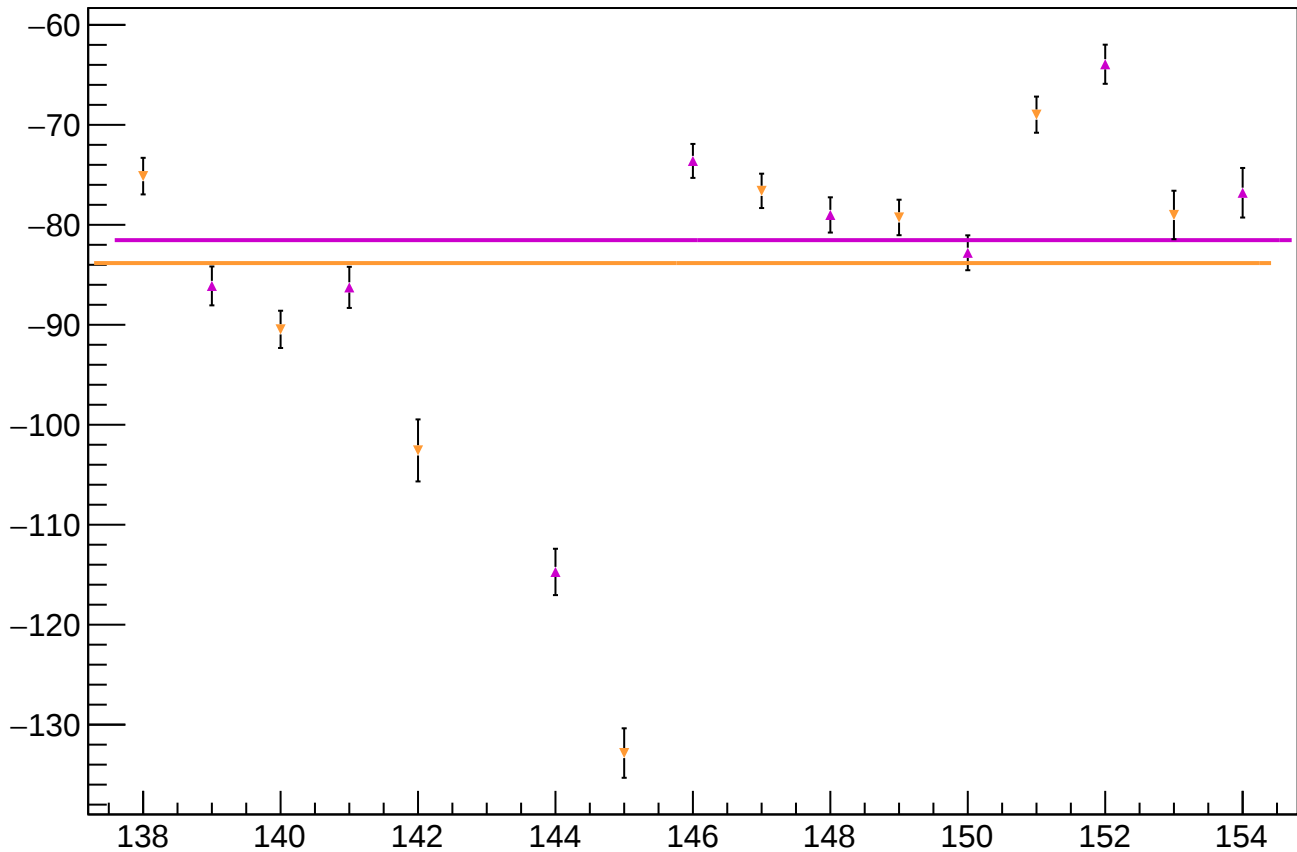
reg_asym_sam8_diff_bpm12X_slope vs Slug



0.090 ± 0.003 $\chi^2/\text{NDF}: 13185.9/25$

0.004 ± 0.003 $\chi^2/\text{NDF}: 13624.1/27$

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -83.827+/-0.710 χ^2/NDF : 559.3/7

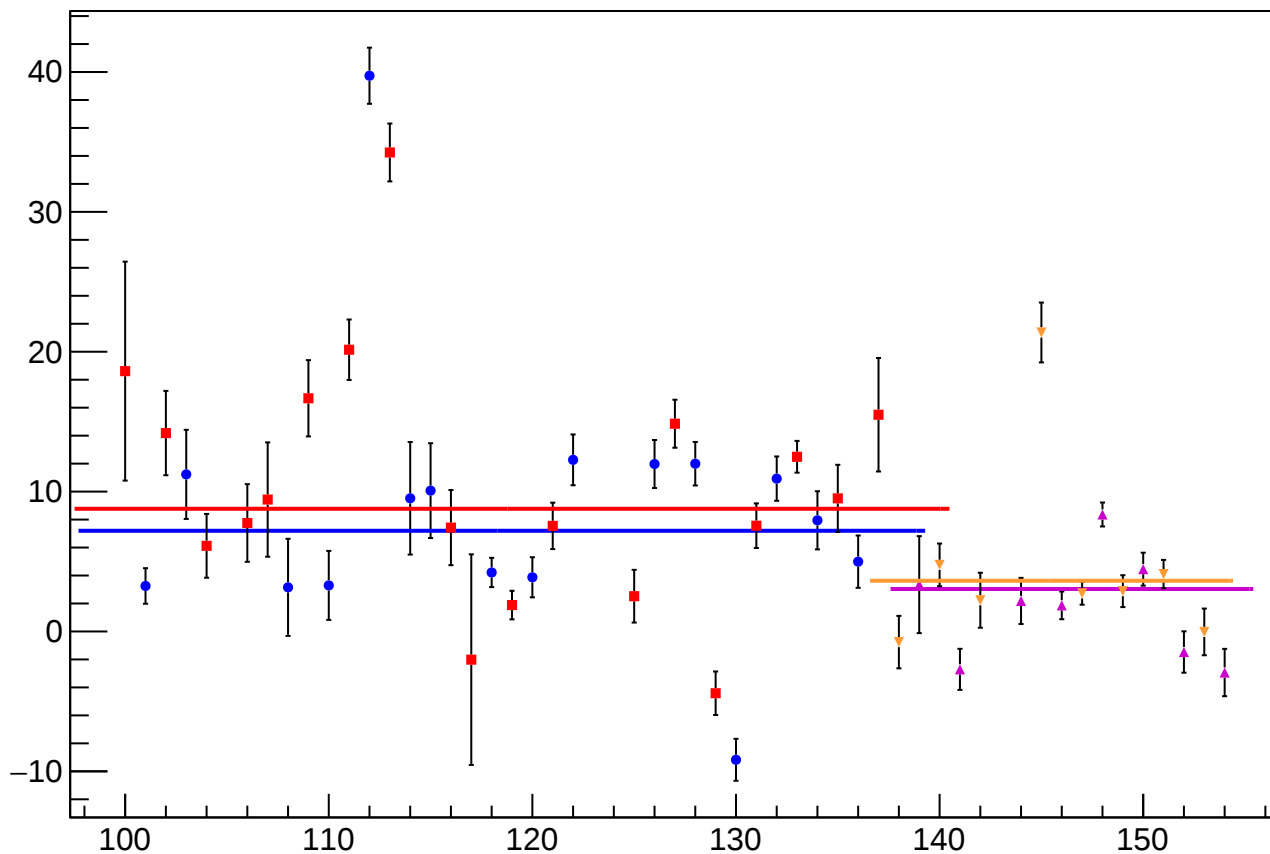
-83.827+/-0.710 χ^2/NDF : 559.3/7

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

Left In: -81.533+/-0.689 χ^2/NDF : 324.7/7

-81.533+/-0.689 χ^2/NDF : 324.7/7

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.199 ± 0.440 χ^2/NDF : 443.8/15

Left Out: 3.624 ± 0.456 χ^2/NDF : 82.0/7

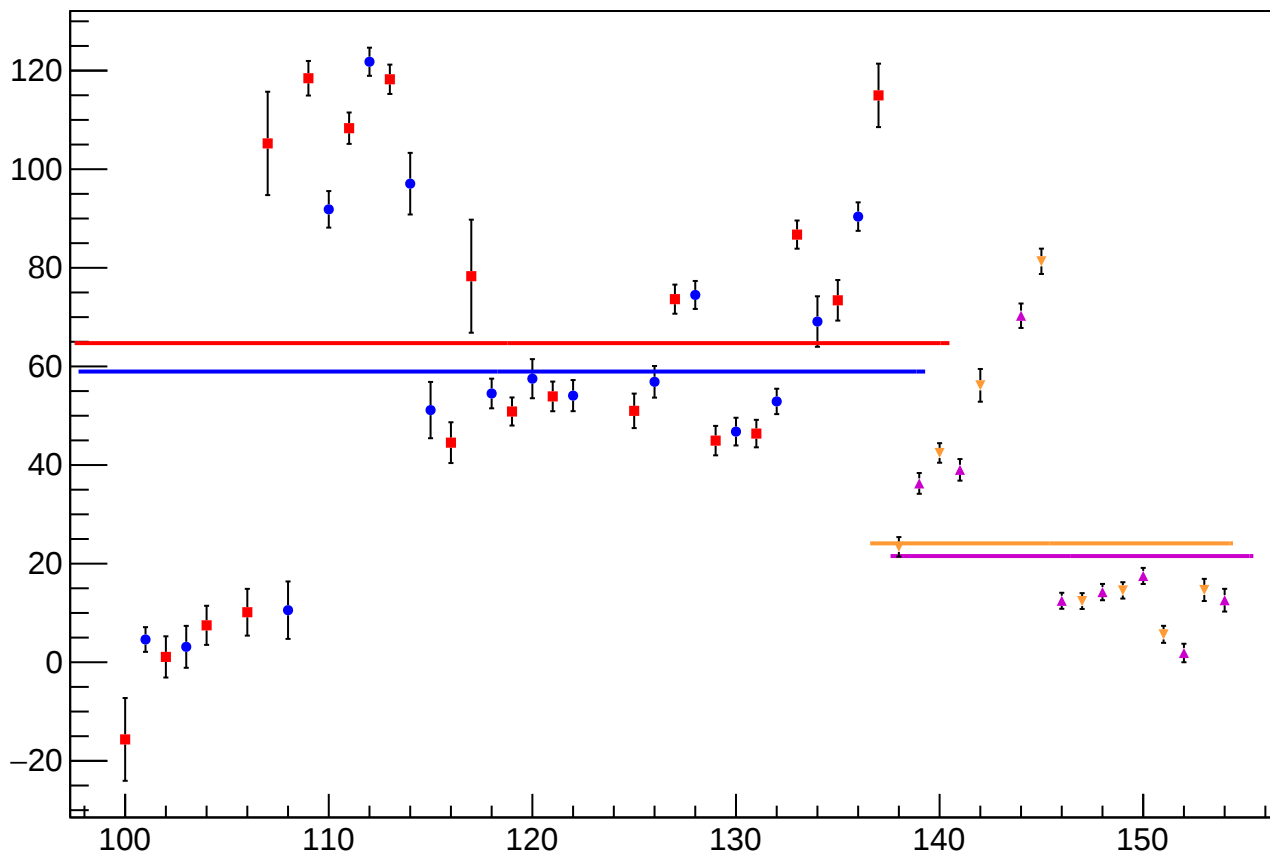
Right Out: 8.772 ± 0.447 χ^2/NDF : 351.7/18

Left In: 3.036 ± 0.455 χ^2/NDF : 78.9/7

5.479 ± 0.317 χ^2/NDF : 557.6/23

5.957 ± 0.319 χ^2/NDF : 511.4/26

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.962±/0.837 χ^2/NDF : 1496.5/15

Left Out: 24.112±/0.701 χ^2/NDF :892.5/7

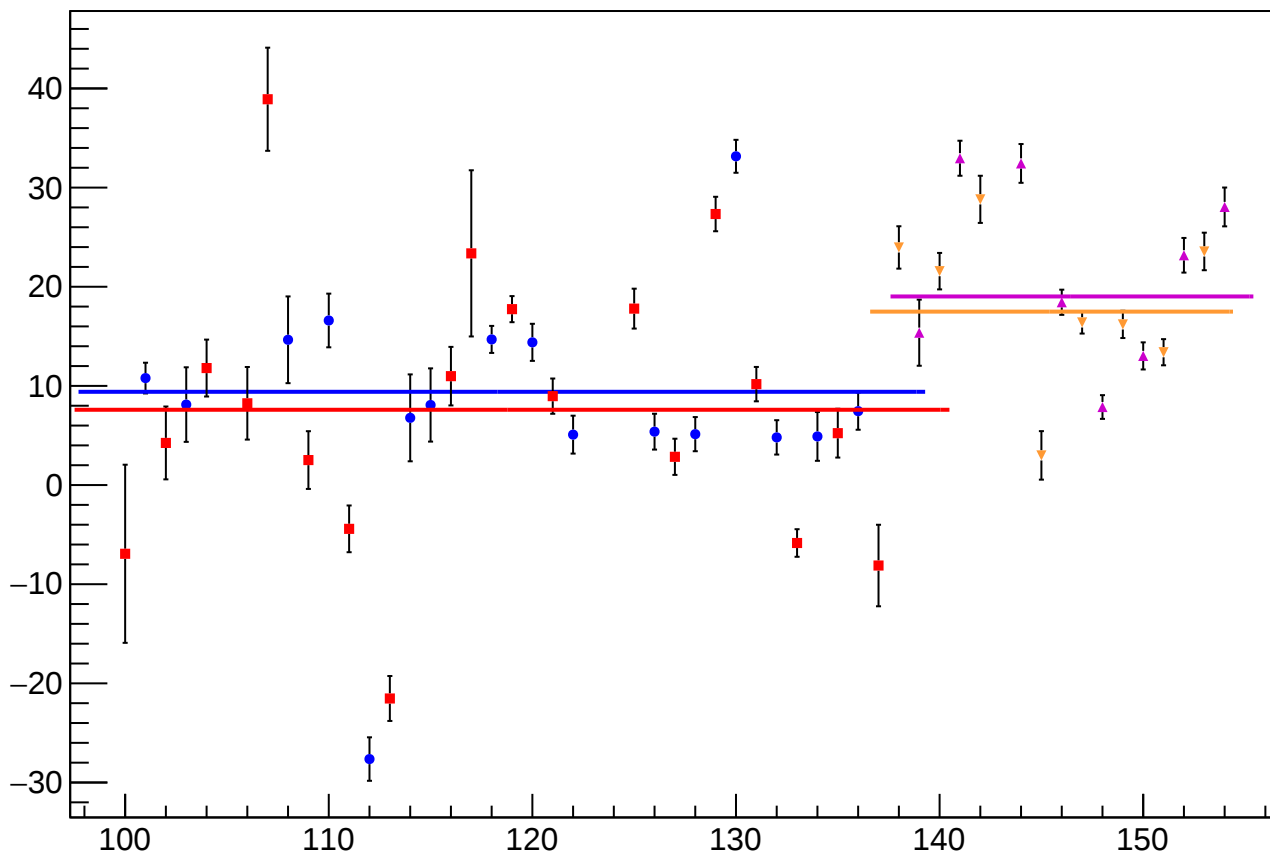
Right Out: 64.728±/0.838 χ^2/NDF : 1723.2/18

Left In: 21.539±/0.676 χ^2/NDF :681.4/7

38.482±/0.537 χ^2/NDF : 3407.9/23

38.565±/0.526 χ^2/NDF : 4014.5/26

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.405 ± 0.507 χ^2/NDF : 549.5/15

Left Out: 17.492 ± 0.574 χ^2/NDF : 93.6/7

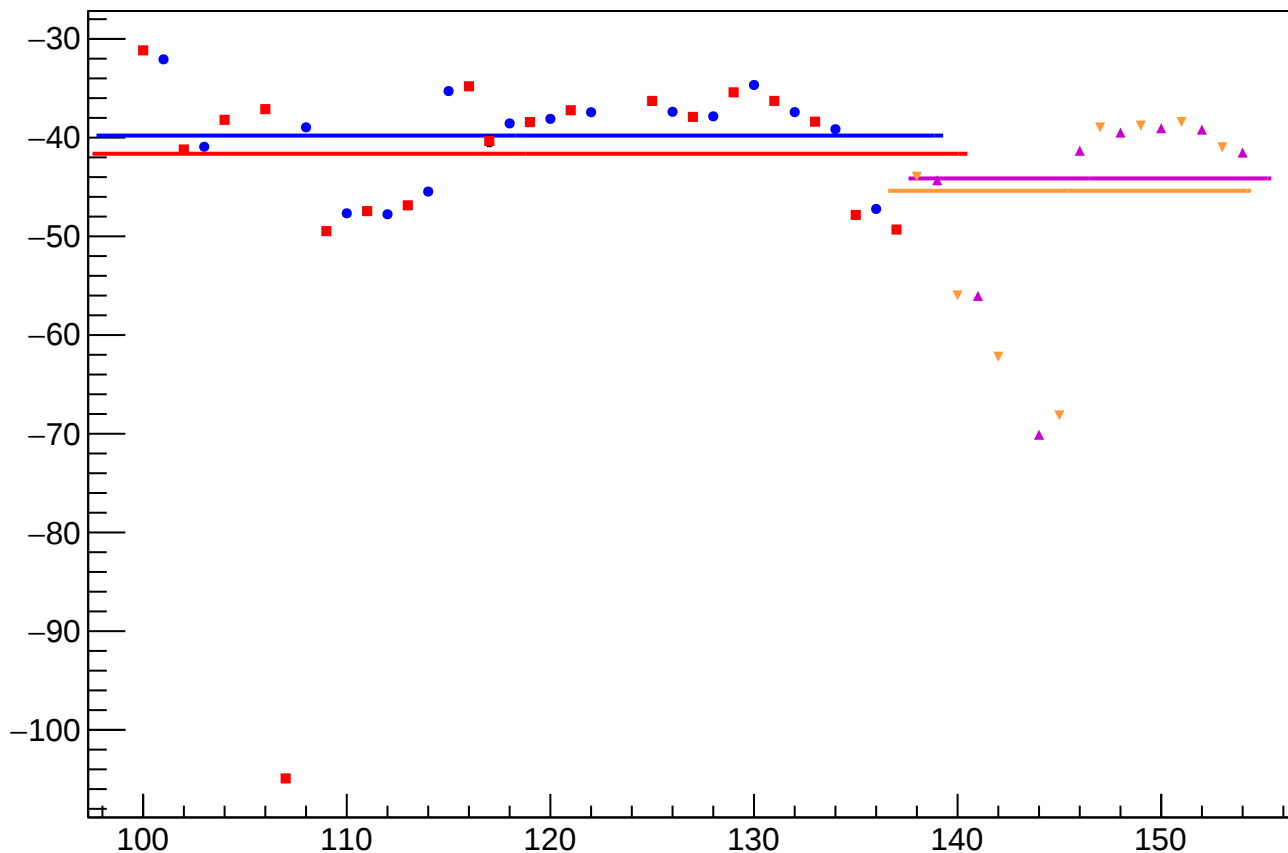
Right Out: 7.593 ± 0.514 χ^2/NDF : 573.4/18

Left In: 19.021 ± 0.567 χ^2/NDF : 243.8/7

12.945 ± 0.380 χ^2/NDF : 754.6/23

12.750 ± 0.381 χ^2/NDF : 1040.3/26

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.791 ± 0.031 $\chi^2/\text{NDF}: 26138.6/15$

Left Out: -45.384 ± 0.029 $\chi^2/\text{NDF}: 108525.5/7$

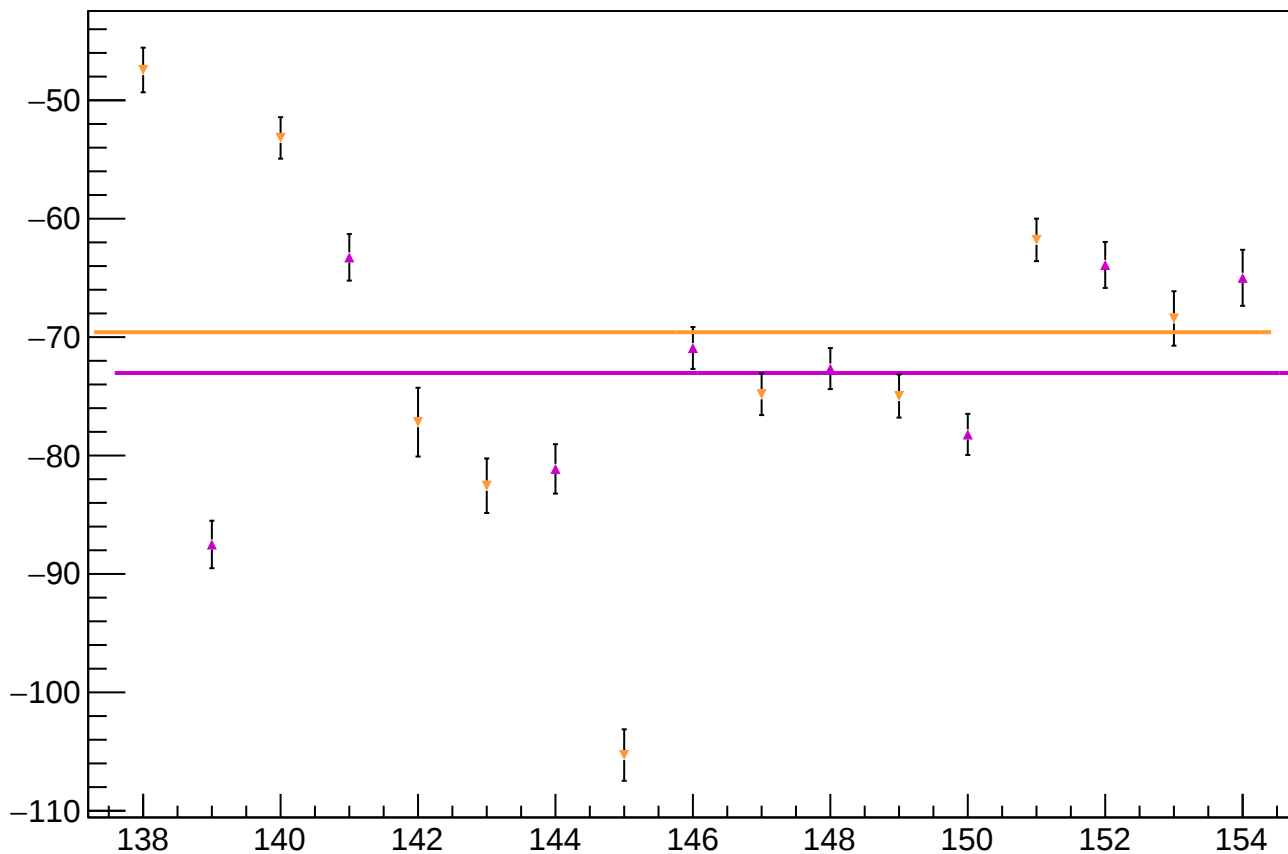
Right Out: -41.631 ± 0.031 $\chi^2/\text{NDF}: 94399.1/18$

Left In: -44.135 ± 0.028 $\chi^2/\text{NDF}: 91530.4/7$

-42.750 ± 0.021 $\chi^2/\text{NDF}: 151635.9/23$

-43.032 ± 0.021 $\chi^2/\text{NDF}: 189543.8/26$

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.585+/-0.667 χ^2/NDF : 570.7/8

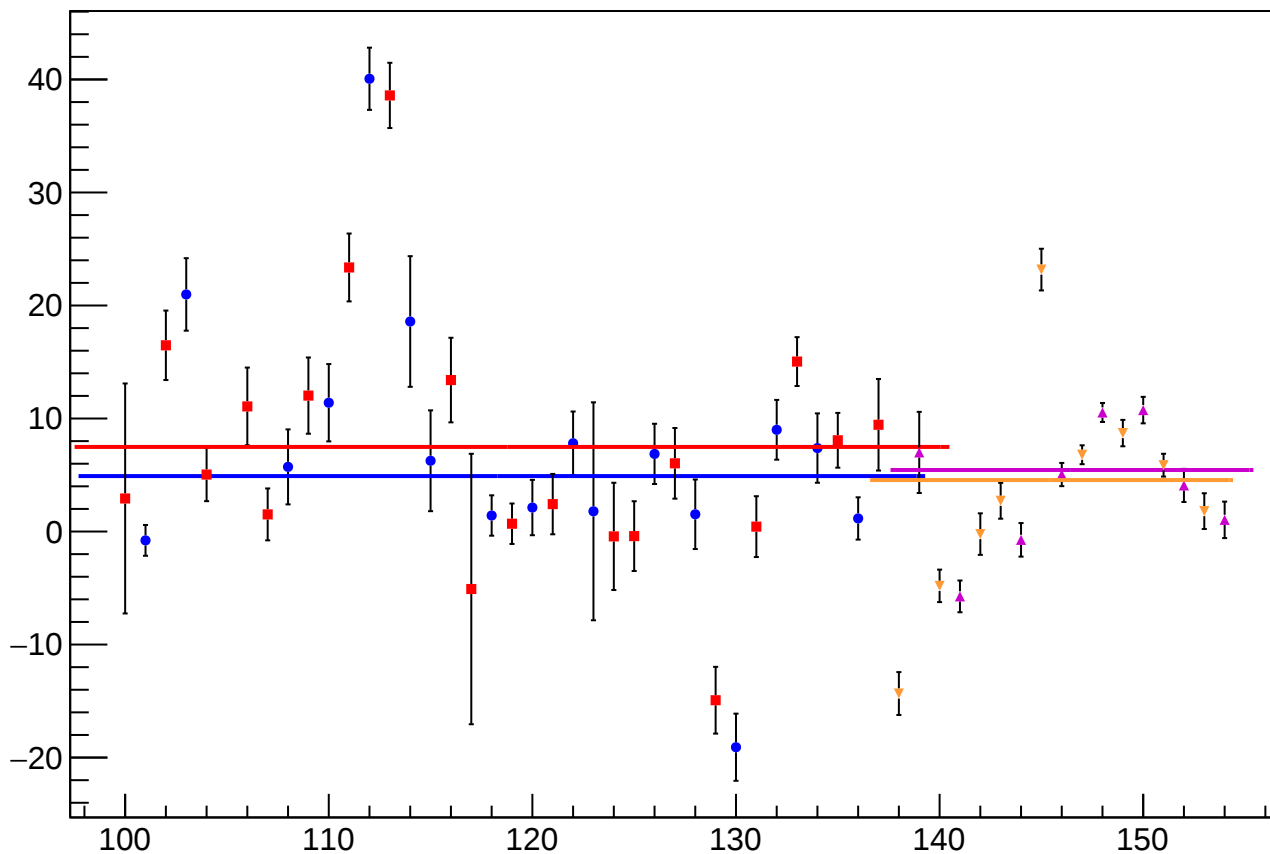
-69.585+/-0.667 χ^2/NDF : 570.7/8

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

-73.031+/-0.679 χ^2/NDF : 135.9/7

Left In: -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: 4.554 ± 0.434 χ^2/NDF : 276.2/8

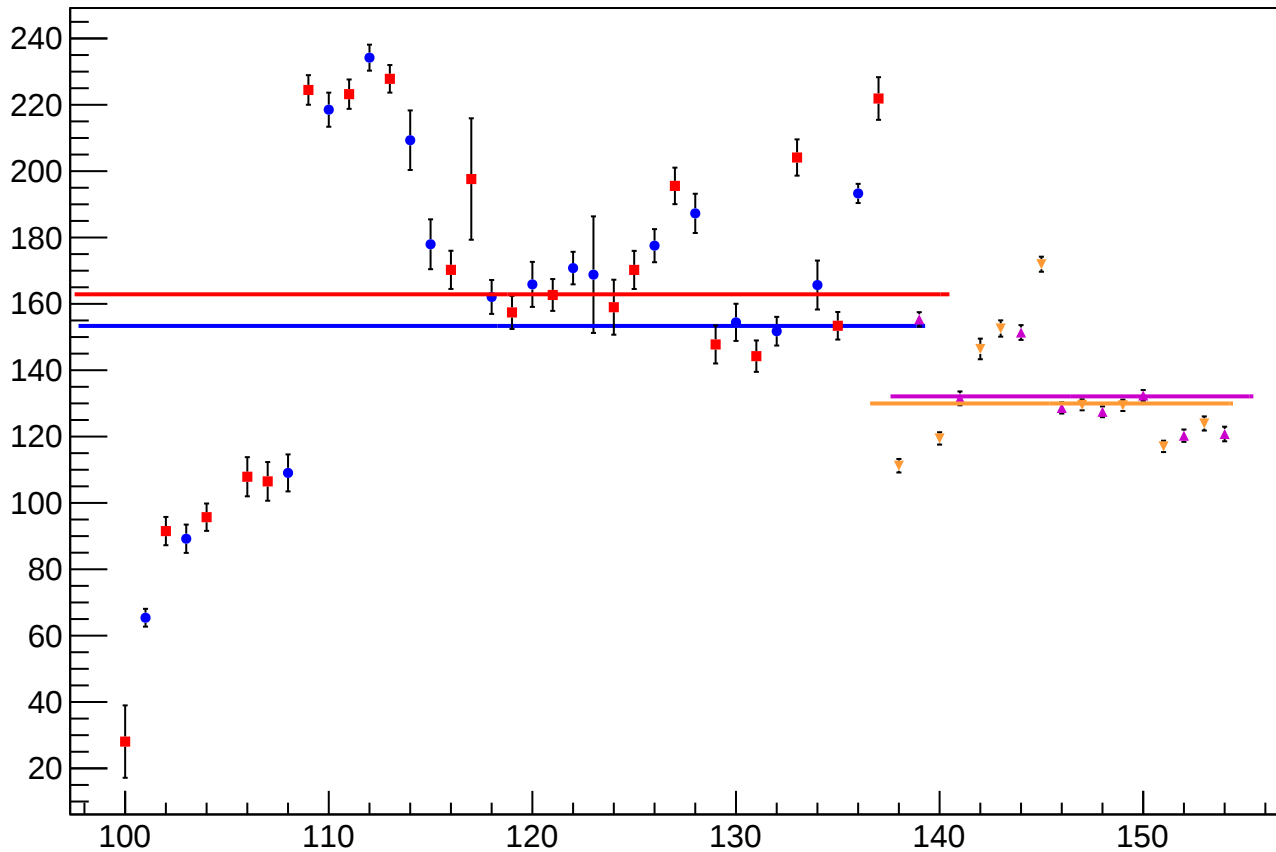
Right Out: 7.486 ± 0.650 χ^2/NDF : 271.7/19

Left In: 5.446 ± 0.448 χ^2/NDF : 146.7/7

4.668 ± 0.357 χ^2/NDF : 571.9/25

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: 129.974 $\pm$ 0.664 χ^2 /NDF: 635.7/8

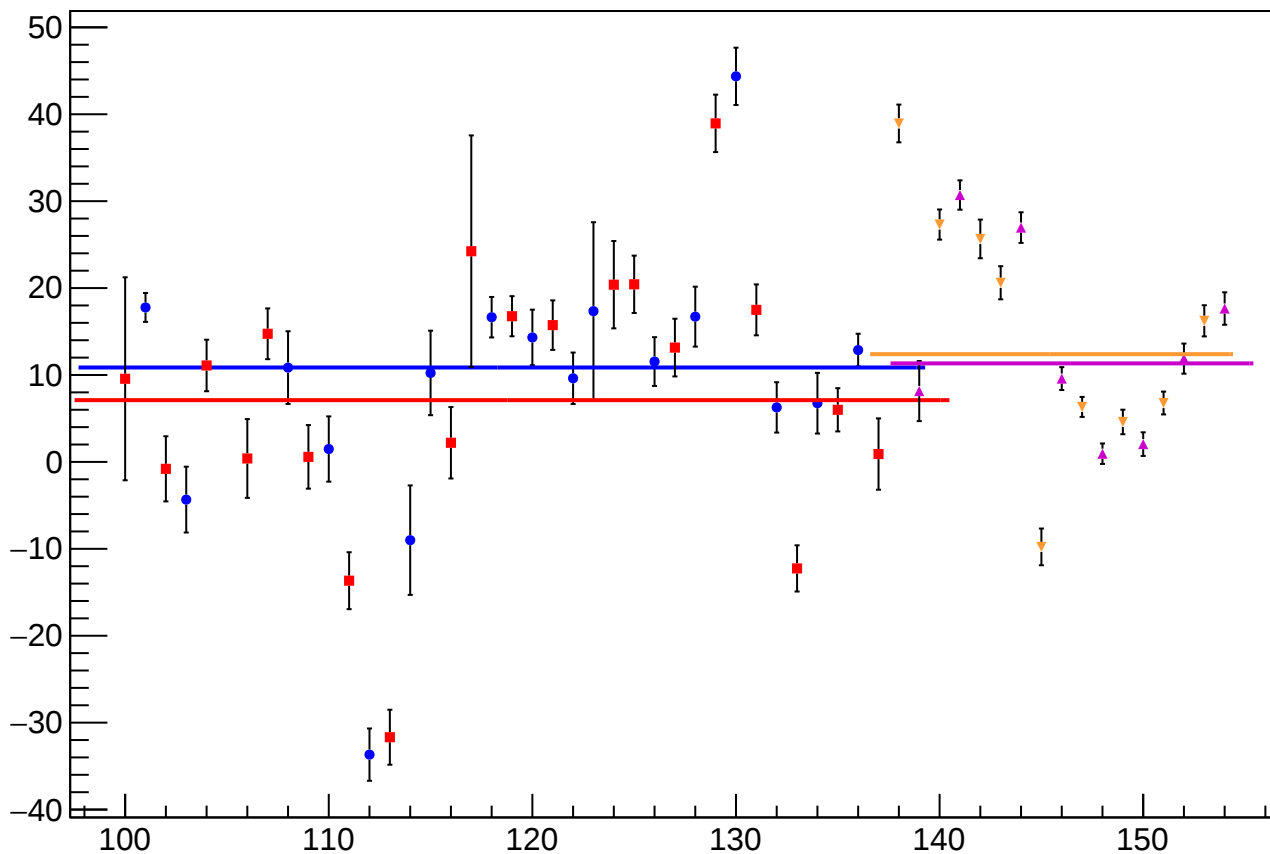
Right Out: 162.878 $\pm$ 1.174 χ^2 /NDF: 1712.4/19

Left In: 132.115 $\pm$ 0.667 χ^2 /NDF: 268.3/7

135.823 $\pm$ 0.575 χ^2 /NDF: 3213.6/25

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: 12.396 ± 0.543 χ^2/NDF : 469.1/8

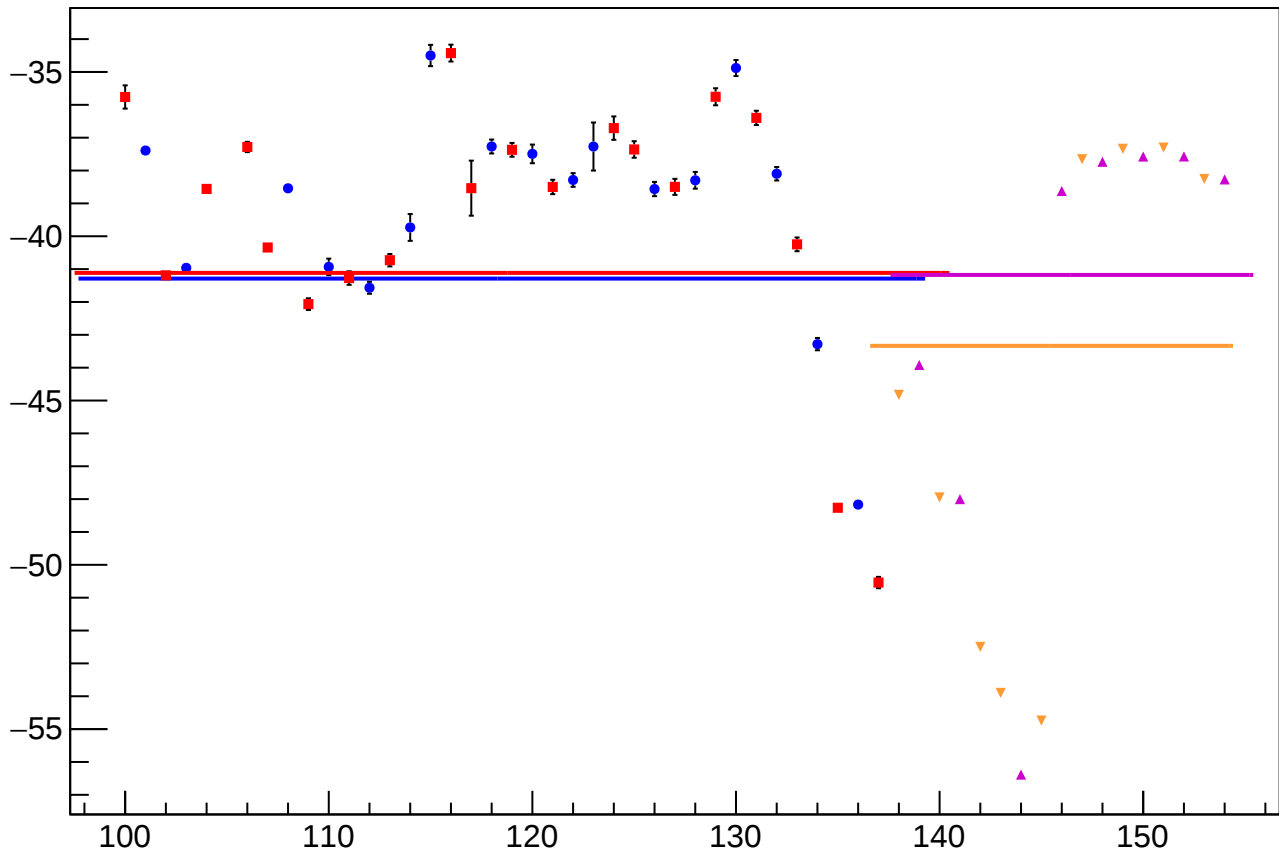
Right Out: 7.106 ± 0.746 χ^2/NDF : 426.4/19

Left In: 11.335 ± 0.557 χ^2/NDF : 349.5/7

11.840 ± 0.433 χ^2/NDF : 859.9/25

9.822 ± 0.446 χ^2/NDF : 796.5/27

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.289 ± 0.039 $\chi^2/\text{NDF}: 12509.1/16$

Left Out: -43.335 ± 0.028 $\chi^2/\text{NDF}: 59572.0/8$

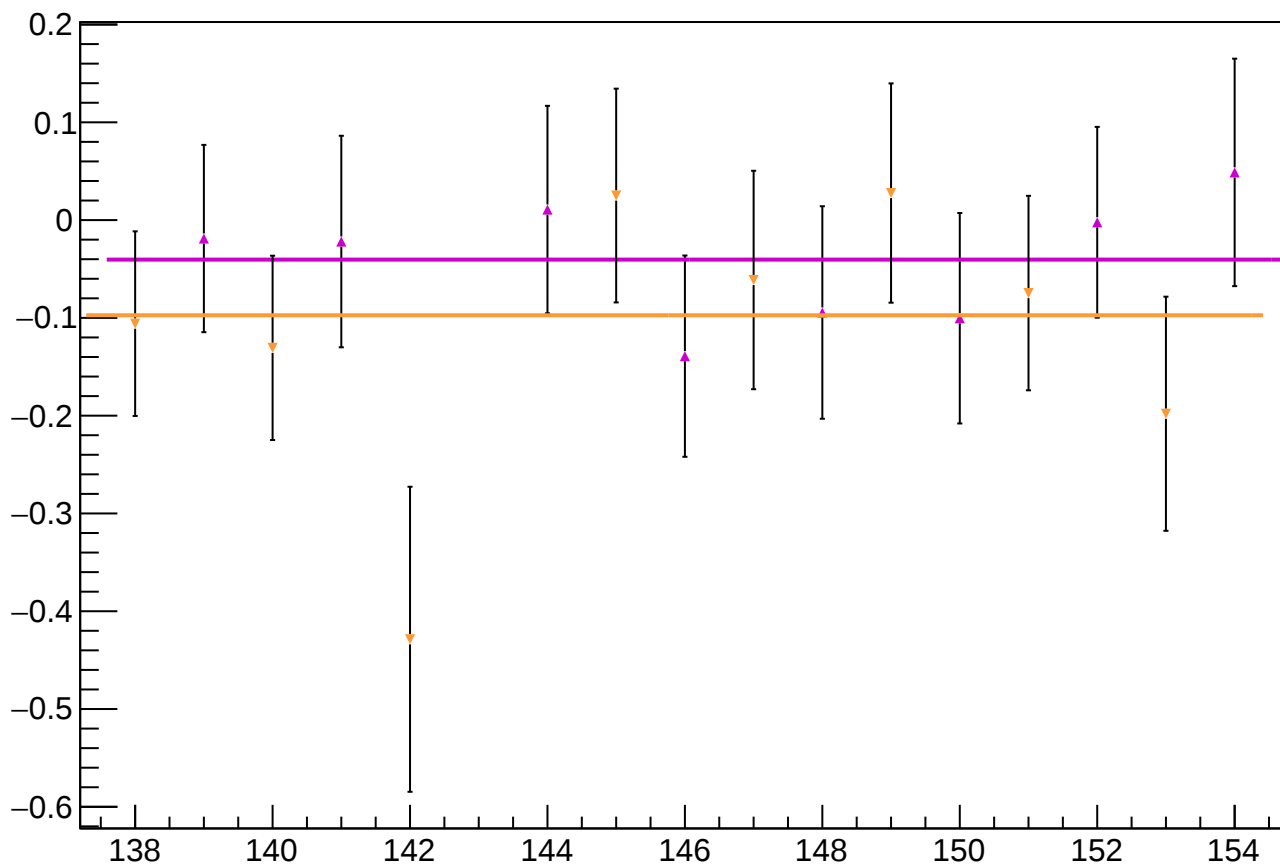
Right Out: -41.115 ± 0.039 $\chi^2/\text{NDF}: 12120.1/19$

Left In: -41.177 ± 0.027 $\chi^2/\text{NDF}: 42101.6/7$

-42.638 ± 0.023 $\chi^2/\text{NDF}: 73933.4/25$

-41.156 ± 0.022 $\chi^2/\text{NDF}: 54223.4/27$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.097 $\pm$ 0.038 χ^2 /NDF: 8.0/7

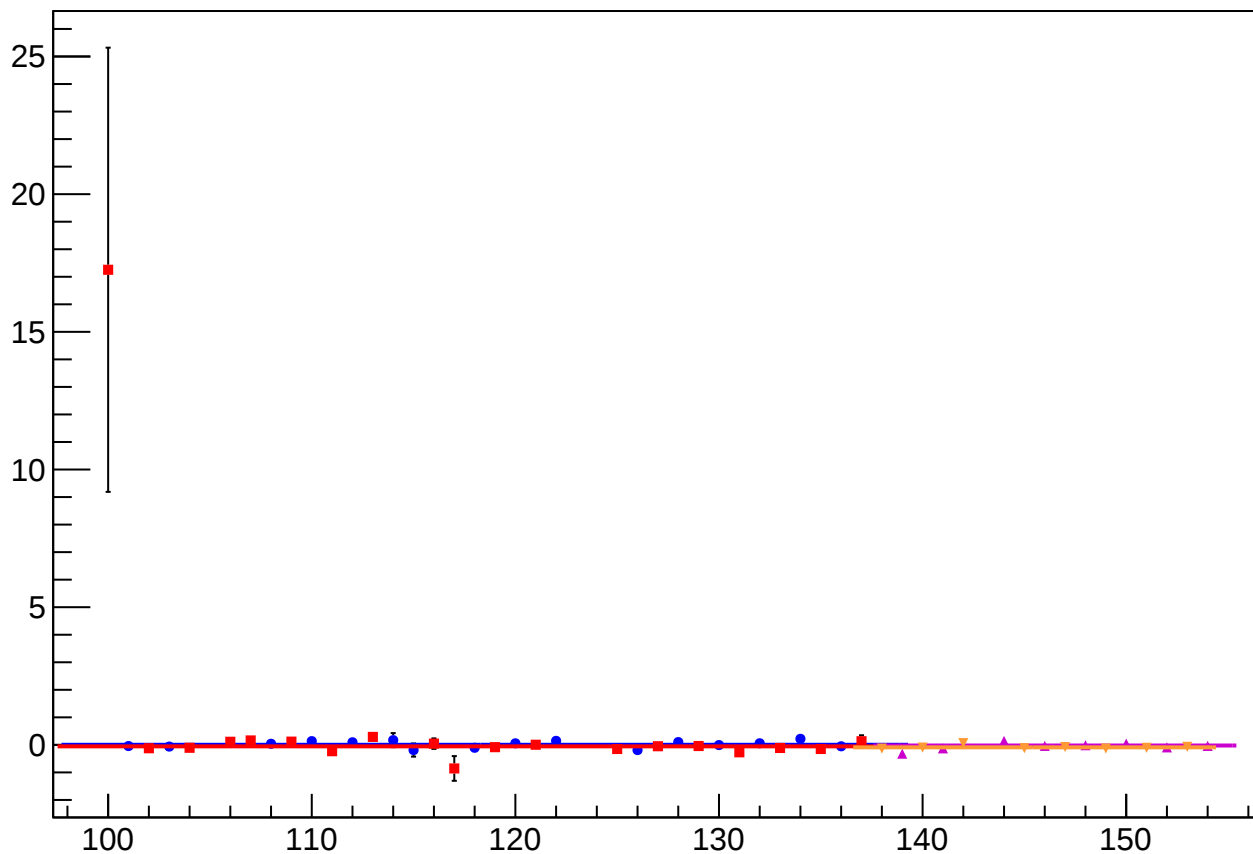
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.040 $\pm$ 0.037 χ^2 /NDF: 2.5/7

-0.097 $\pm$ 0.038 χ^2 /NDF: 8.0/7

-0.040 $\pm$ 0.037 χ^2 /NDF: 2.5/7

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.003 ± 0.029 χ^2/NDF : 12.4/15

Left Out: -0.090 ± 0.026 χ^2/NDF : 3.2/7

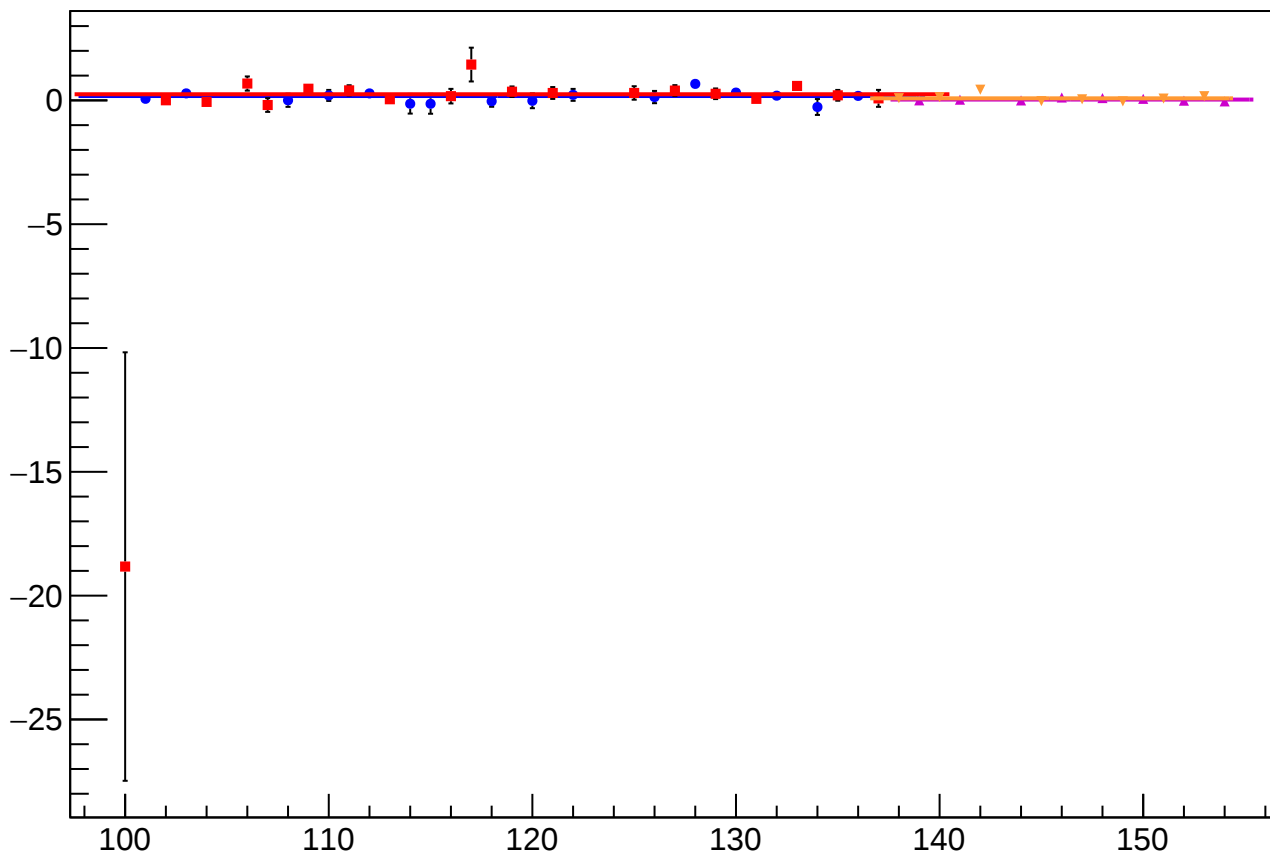
Right Out: -0.053 ± 0.029 χ^2/NDF : 28.8/18

Left In: -0.023 ± 0.026 χ^2/NDF : 11.5/7

-0.048 ± 0.019 χ^2/NDF : 21.5/23

-0.036 ± 0.019 χ^2/NDF : 40.9/26

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.176 ± 0.053 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.083 ± 0.038 $\chi^2/\text{NDF}: 7.7/7$

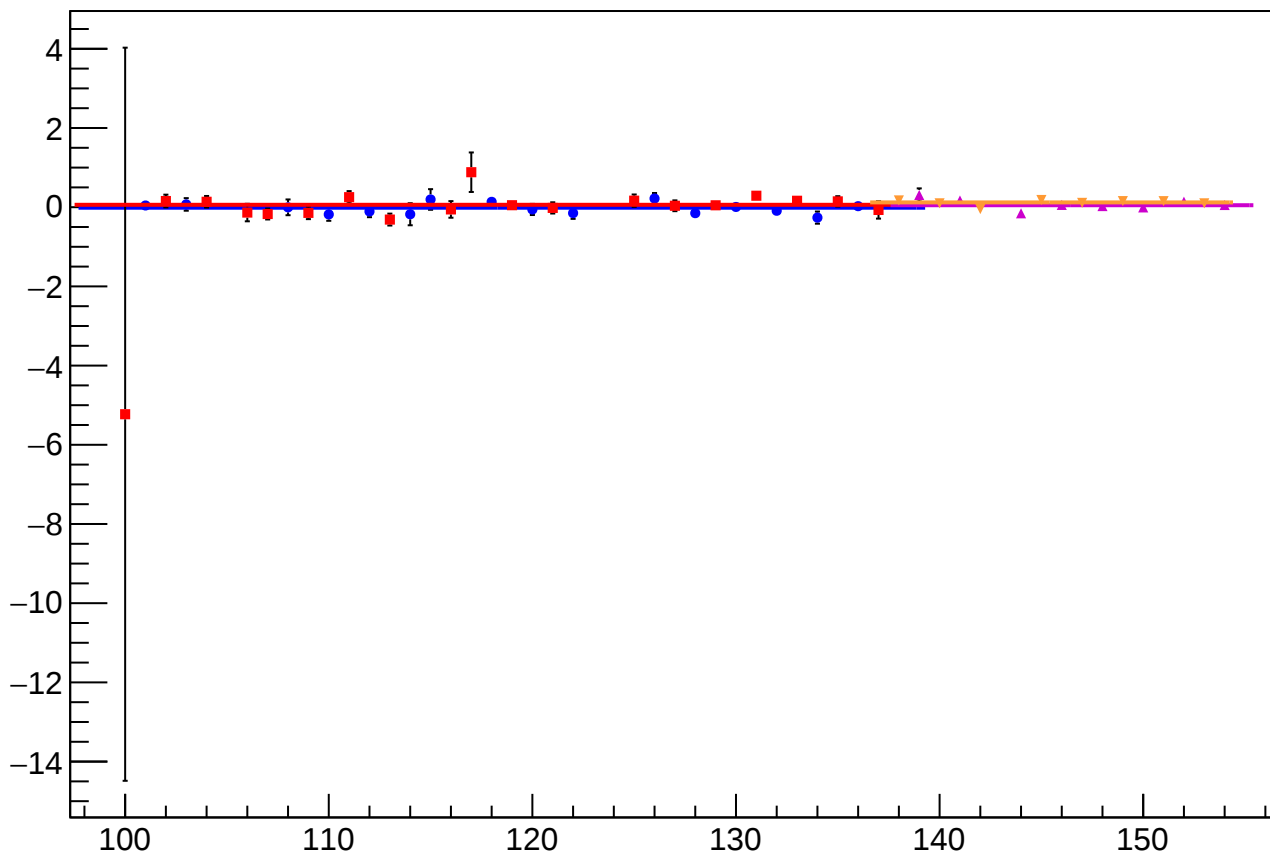
Right Out: 0.247 ± 0.054 $\chi^2/\text{NDF}: 24.7/18$

Left In: 0.033 ± 0.037 $\chi^2/\text{NDF}: 2.0/7$

0.115 ± 0.031 $\chi^2/\text{NDF}: 22.7/23$

0.101 ± 0.030 $\chi^2/\text{NDF}: 37.6/26$

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.013 ± 0.033 χ^2/NDF : 13.6/15

Left Out: 0.121 ± 0.032 χ^2/NDF : 3.0/7

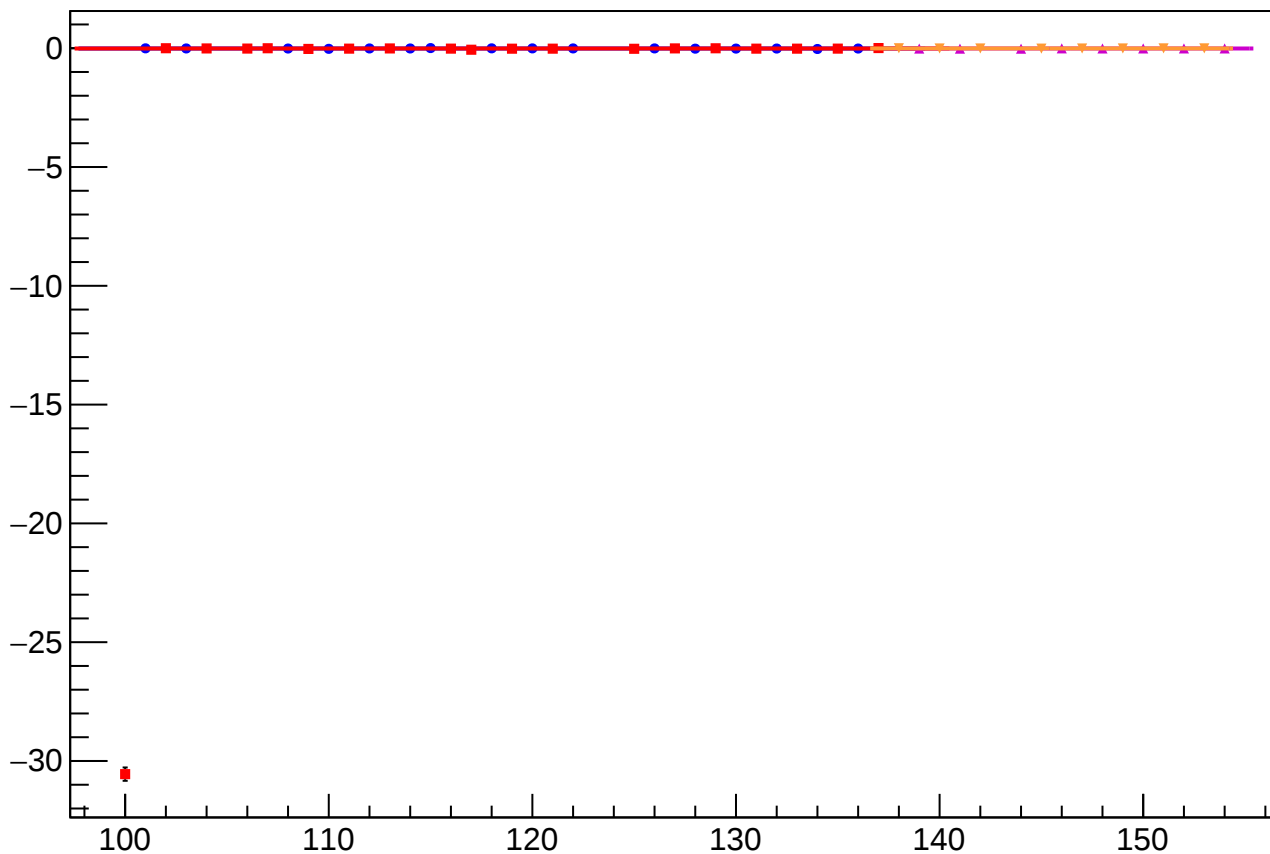
Right Out: 0.061 ± 0.034 χ^2/NDF : 23.1/18

Left In: 0.050 ± 0.031 χ^2/NDF : 10.8/7

0.055 ± 0.023 χ^2/NDF : 25.1/23

0.055 ± 0.023 χ^2/NDF : 34.0/26

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF : 12.8/15

-0.010 $\pm$ 0.001 χ^2 /NDF: 22.8/23

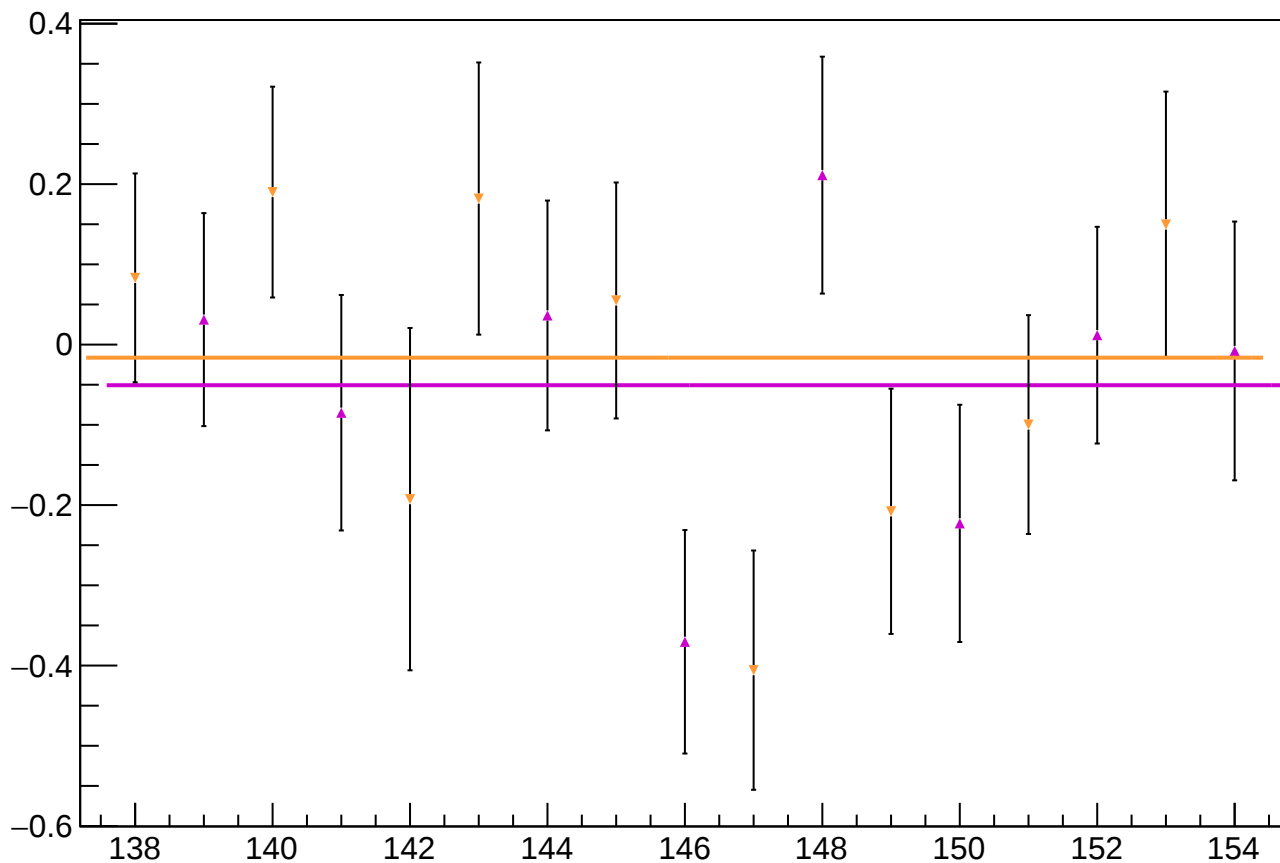
Left Out: -0.009 ± 0.002 $\chi^2/\text{NDF}: 8.1/7$

Right Out: -0.012 ± 0.002 χ^2/NDF : 11894.0/18

-0.012 $\pm$ 0.001 χ^2 /NDF: 11902.1/26

Left In: -0.012+/-0.001 χ^2/NDF :8.0/7

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.016+/-0.050 χ^2/NDF : 15.1/8

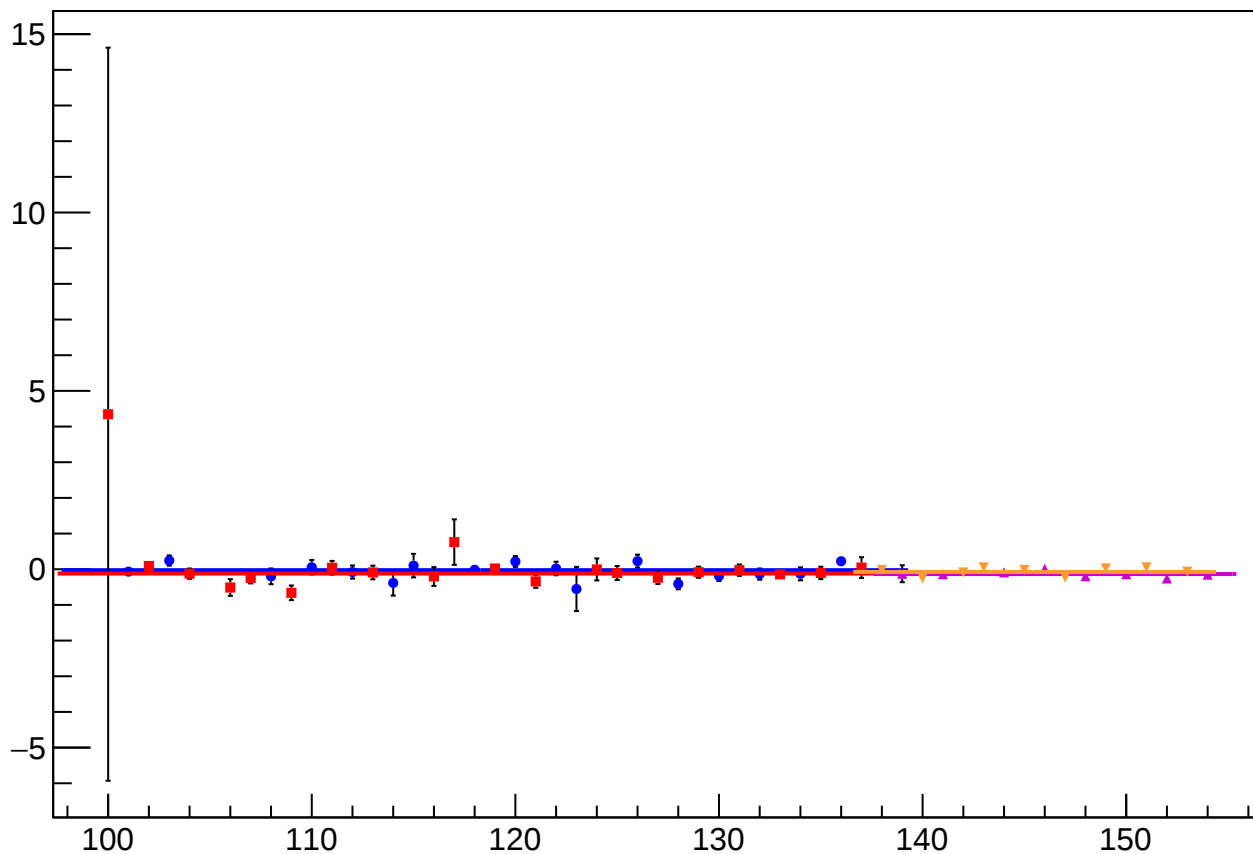
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.051+/-0.051 χ^2/NDF : 10.9/7

-0.016+/-0.050 χ^2/NDF : 15.1/8

-0.051+/-0.051 χ^2/NDF : 10.9/7

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.026 $\pm$ 0.037 χ^2/NDF : 22.7/16

Left Out: -0.075 $\pm$ 0.034 χ^2/NDF : 13.0/8

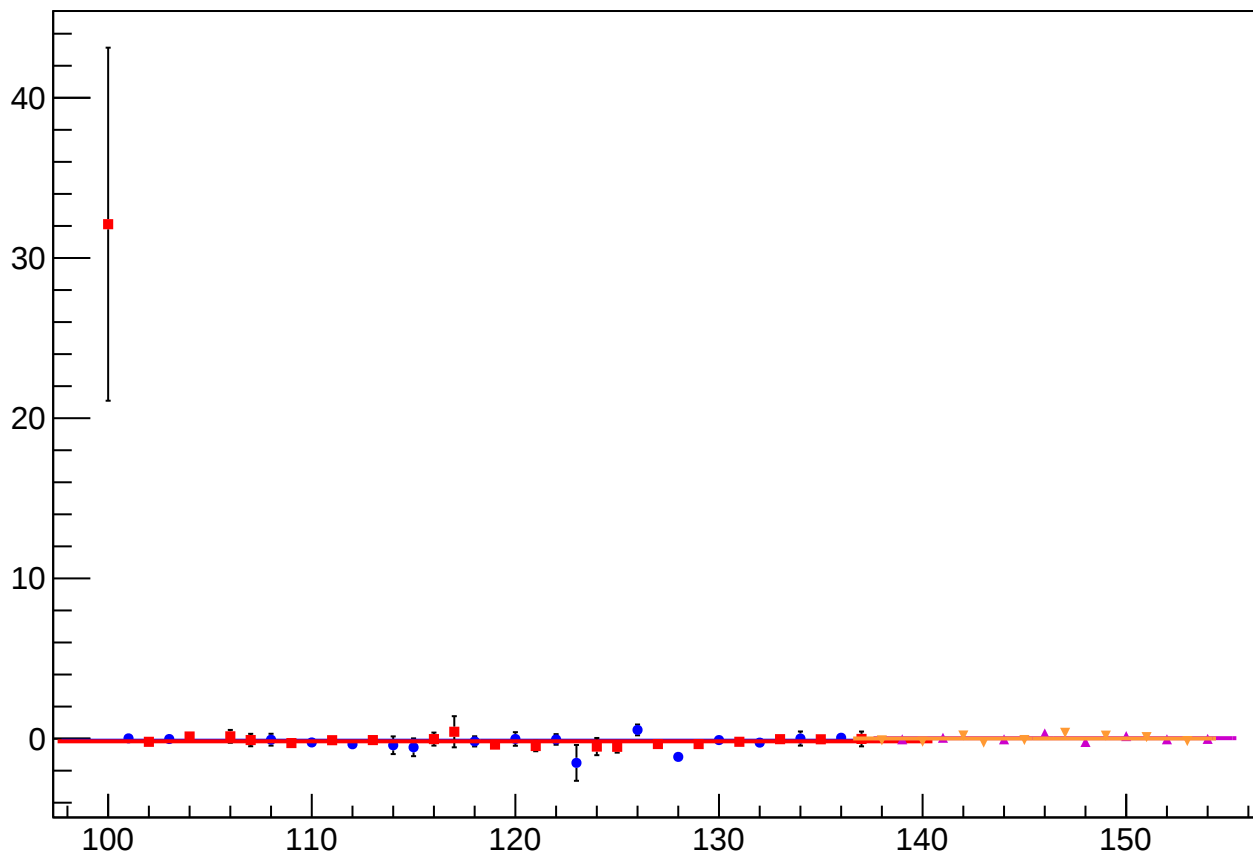
Right Out: -0.120 $\pm$ 0.039 χ^2/NDF : 20.2/19

Left In: -0.134 $\pm$ 0.035 χ^2/NDF : 5.6/7

-0.053 $\pm$ 0.025 χ^2/NDF : 36.6/25

-0.128 $\pm$ 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: 0.009 ± 0.050 χ^2/NDF : 15.4/8

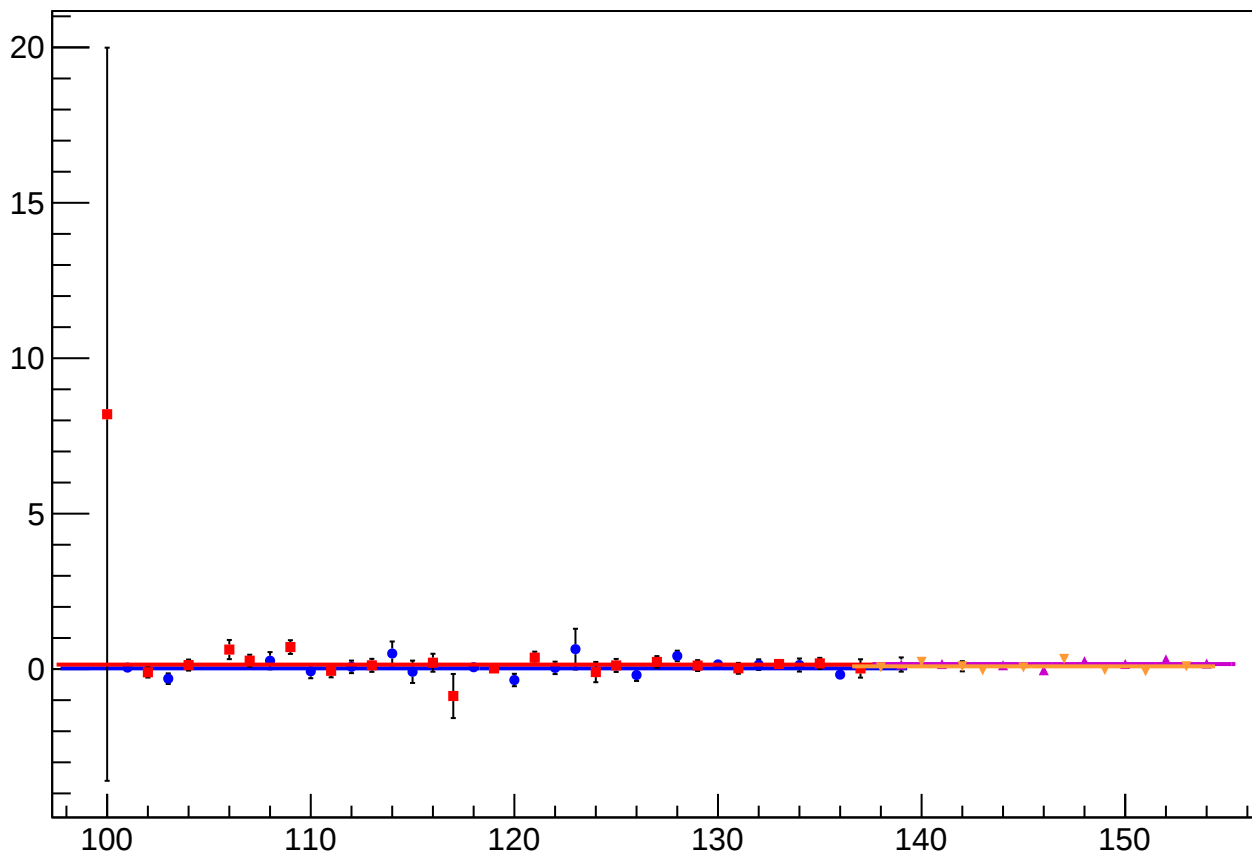
Right Out: -0.169 ± 0.071 χ^2/NDF : 15.3/19

Left In: 0.028 ± 0.050 χ^2/NDF : 9.5/7

-0.041 ± 0.040 χ^2/NDF : 41.3/25

-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: 0.088 ± 0.042 χ^2/NDF : 11.8/8

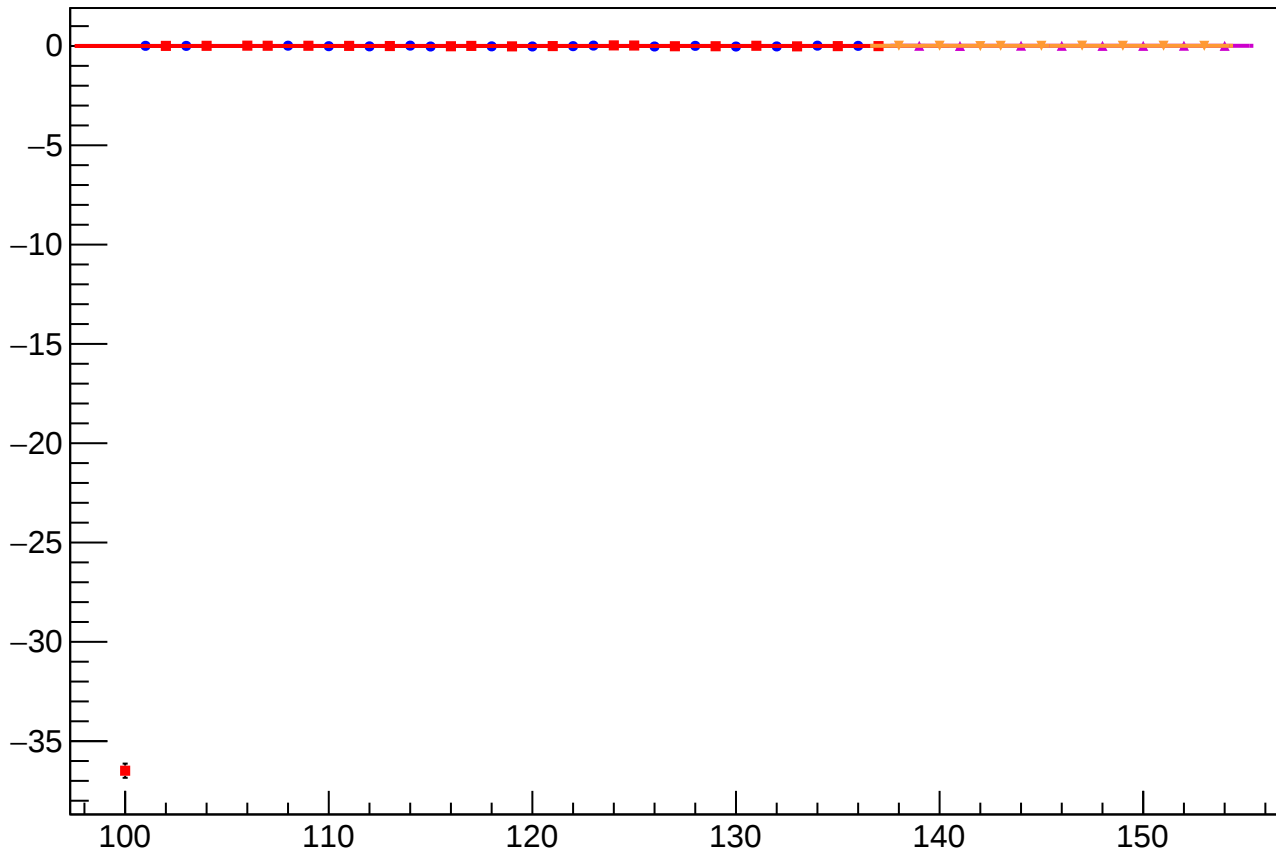
Right Out: 0.144 ± 0.045 χ^2/NDF : 18.6/19

Left In: 0.161 ± 0.043 χ^2/NDF : 6.1/7

0.056 ± 0.030 χ^2/NDF : 34.3/25

0.153 ± 0.031 χ^2/NDF : 24.8/27

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF : 30.6/16

Left Out: 0.010+/-0.002 χ^2/NDF : 4.6/8

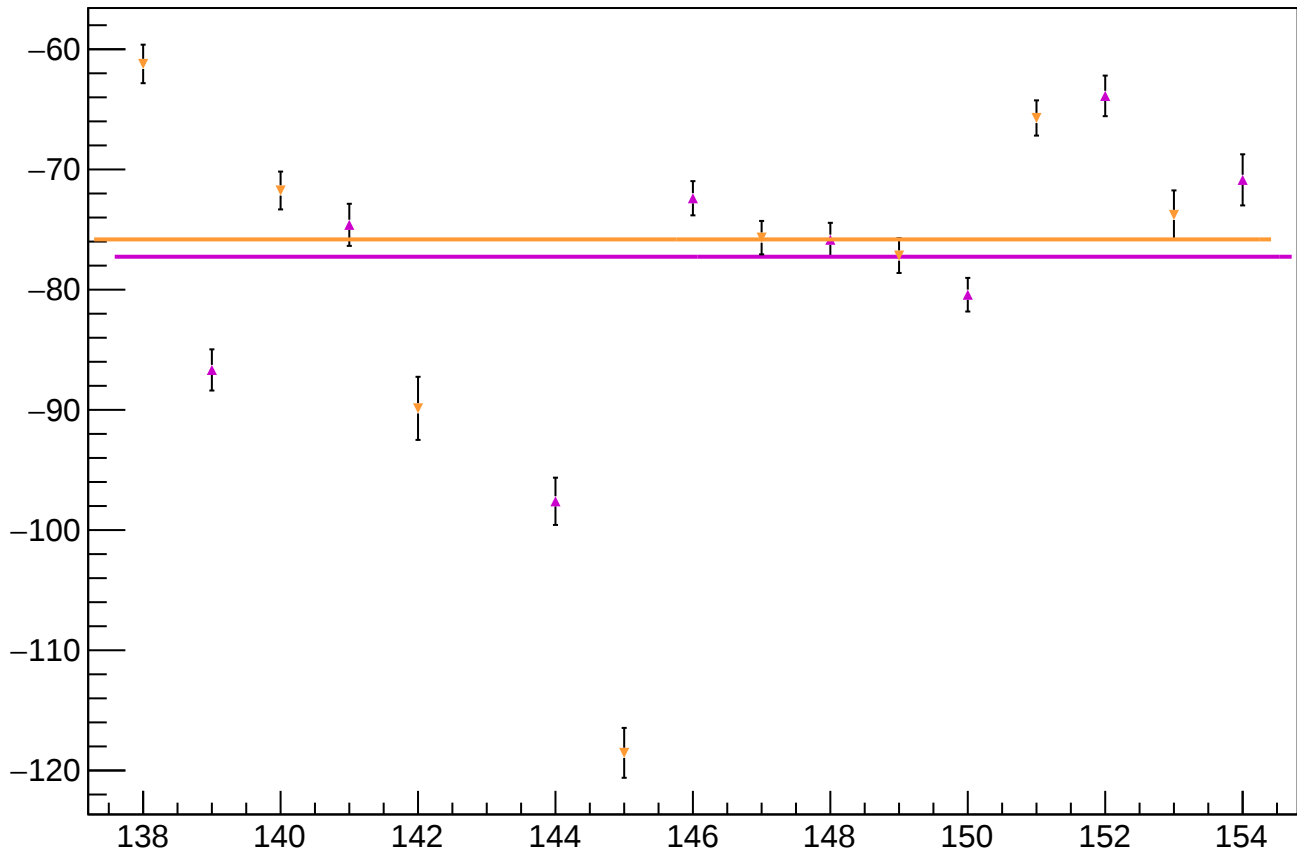
Right Out: 0.001+/-0.002 χ^2/NDF : 10449.1/19

Left In: 0.010+/-0.002 χ^2/NDF : 2.8/7

0.006+/-0.002 χ^2/NDF : 43.2/25

0.006+/-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: -75.818+/-0.590 χ^2/NDF : 591.3/7

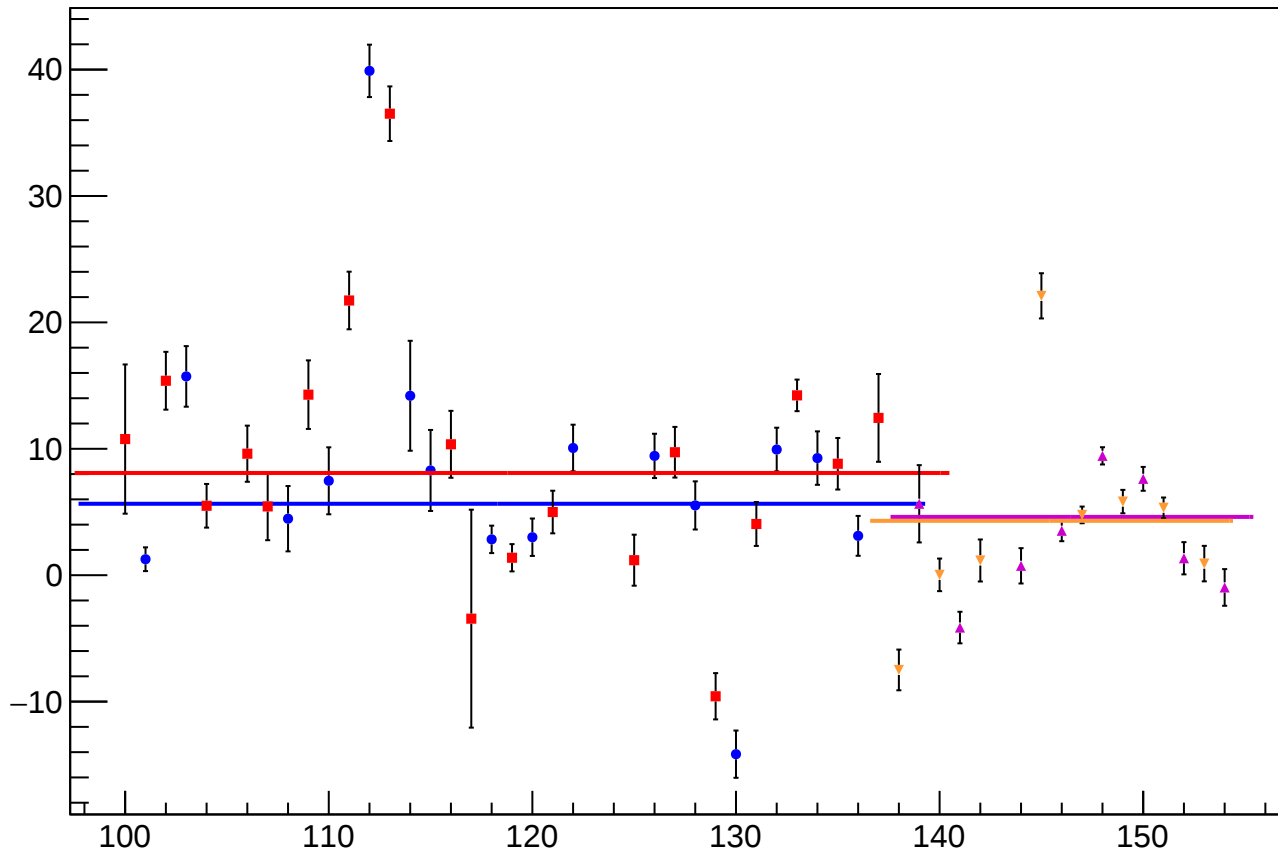
-75.818+/-0.590 χ^2/NDF : 591.3/7

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: 4.303 ± 0.374 χ^2/NDF : 177.9/7

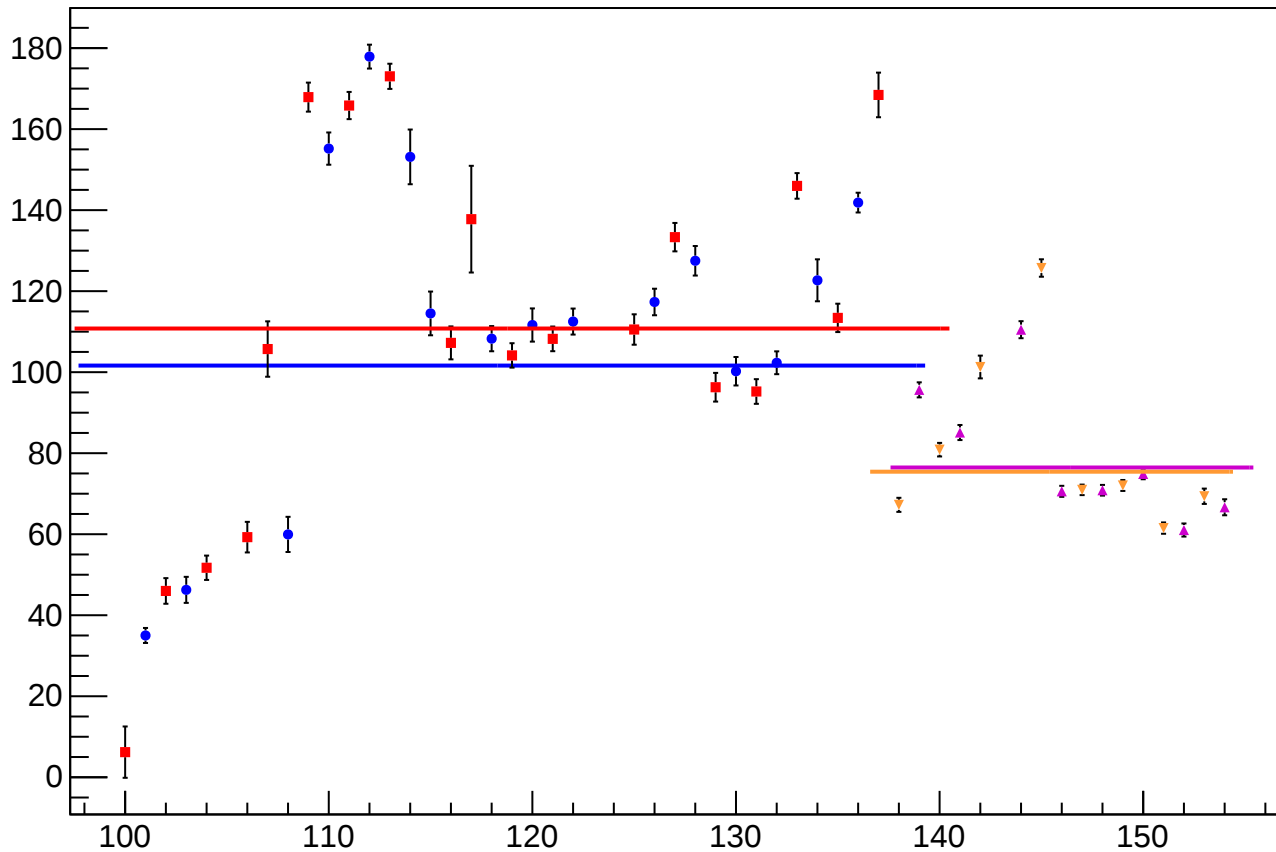
Right Out: 8.087 ± 0.452 χ^2/NDF : 409.7/18

Left In: 4.611 ± 0.376 χ^2/NDF : 140.4/7

4.885 ± 0.282 χ^2/NDF : 645.4/23

6.031 ± 0.289 χ^2/NDF : 585.1/26

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.630 +/- 0.812 χ^2/NDF : 2980.2/15

Left Out: 75.433 +/- 0.581 χ^2/NDF : 789.7/7

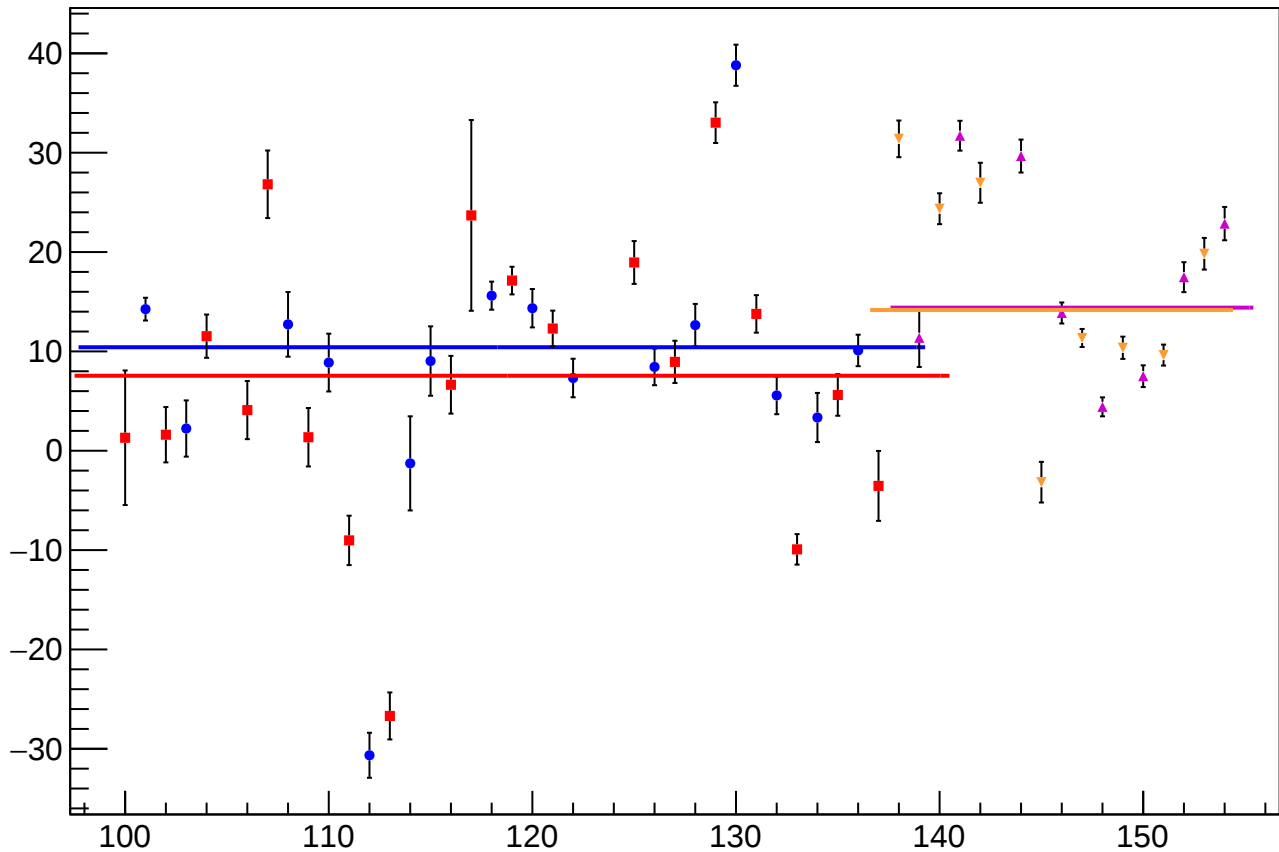
Right Out: 110.778 +/- 0.834 χ^2/NDF : 2518.3/18

Left In: 76.467 +/- 0.564 χ^2/NDF : 543.9/7

84.307 +/- 0.473 χ^2/NDF : 4458.1/23

87.228 +/- 0.467 χ^2/NDF : 4222.6/26

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.420 $\pm$ 0.497 χ^2 /NDF: 579.7/15

Left Out: 14.172 $\pm$ 0.472 χ^2 /NDF: 294.6/7

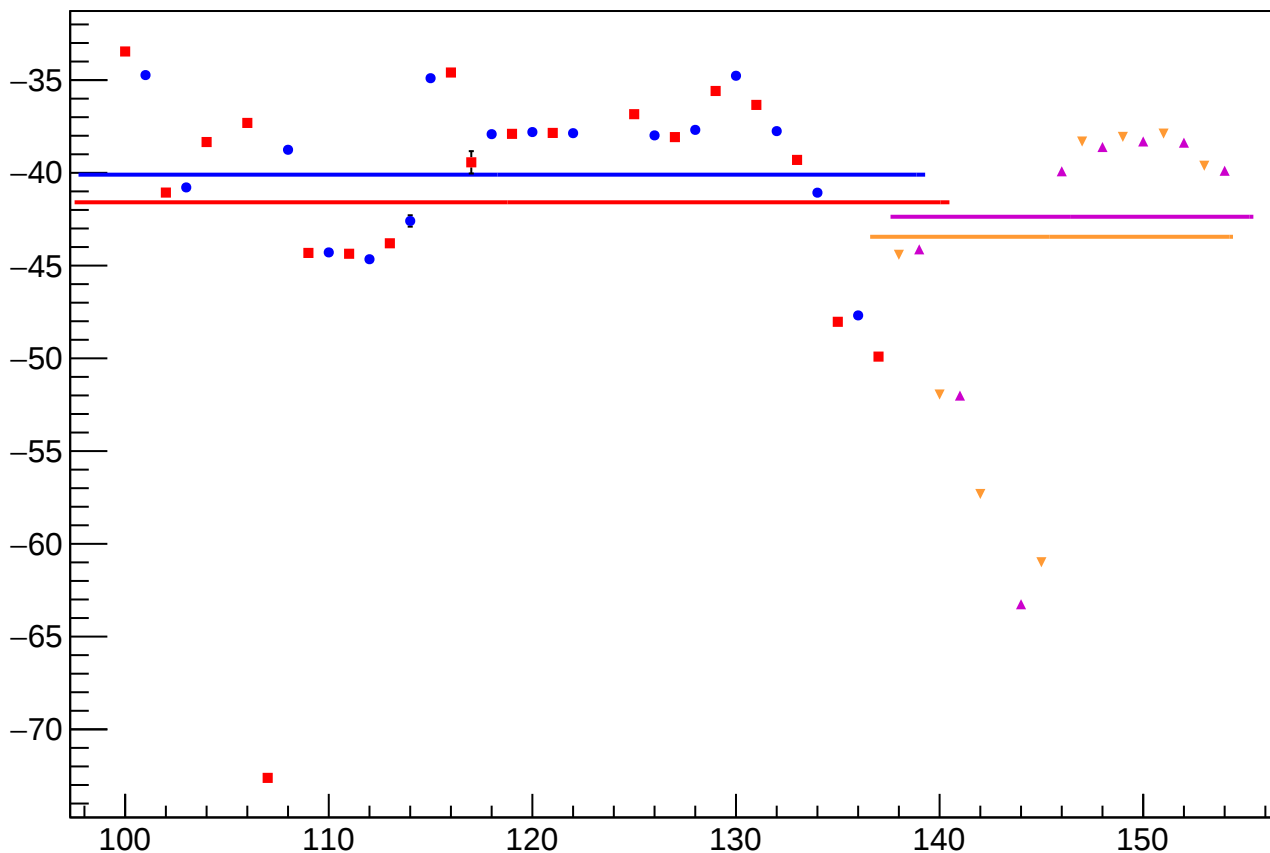
Right Out: 7.550 $\pm$ 0.522 χ^2 /NDF: 692.3/18

Left In: 14.405 $\pm$ 0.469 χ^2 /NDF: 397.4/7

12.394 $\pm$ 0.342 χ^2 /NDF: 904.3/23

11.346 $\pm$ 0.349 χ^2 /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: -43.447 ± 0.025 $\chi^2/\text{NDF}: 98086.6/7$

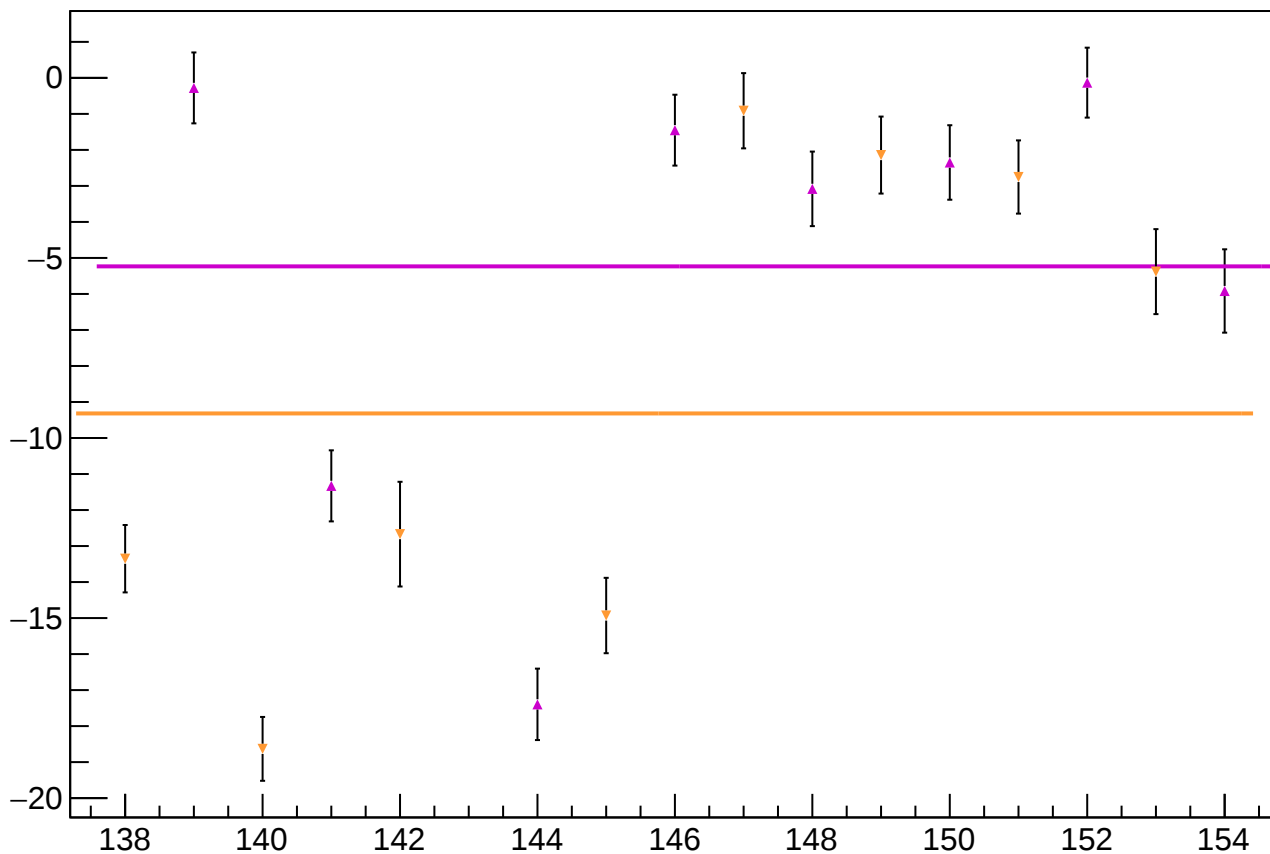
Right Out: -41.588 ± 0.029 $\chi^2/\text{NDF}: 61690.5/18$

Left In: -42.367 ± 0.023 $\chi^2/\text{NDF}: 84779.2/7$

-42.011 ± 0.019 $\chi^2/\text{NDF}: 131147.3/23$

-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: -9.318+/-0.371 χ^2/NDF : 325.6/7

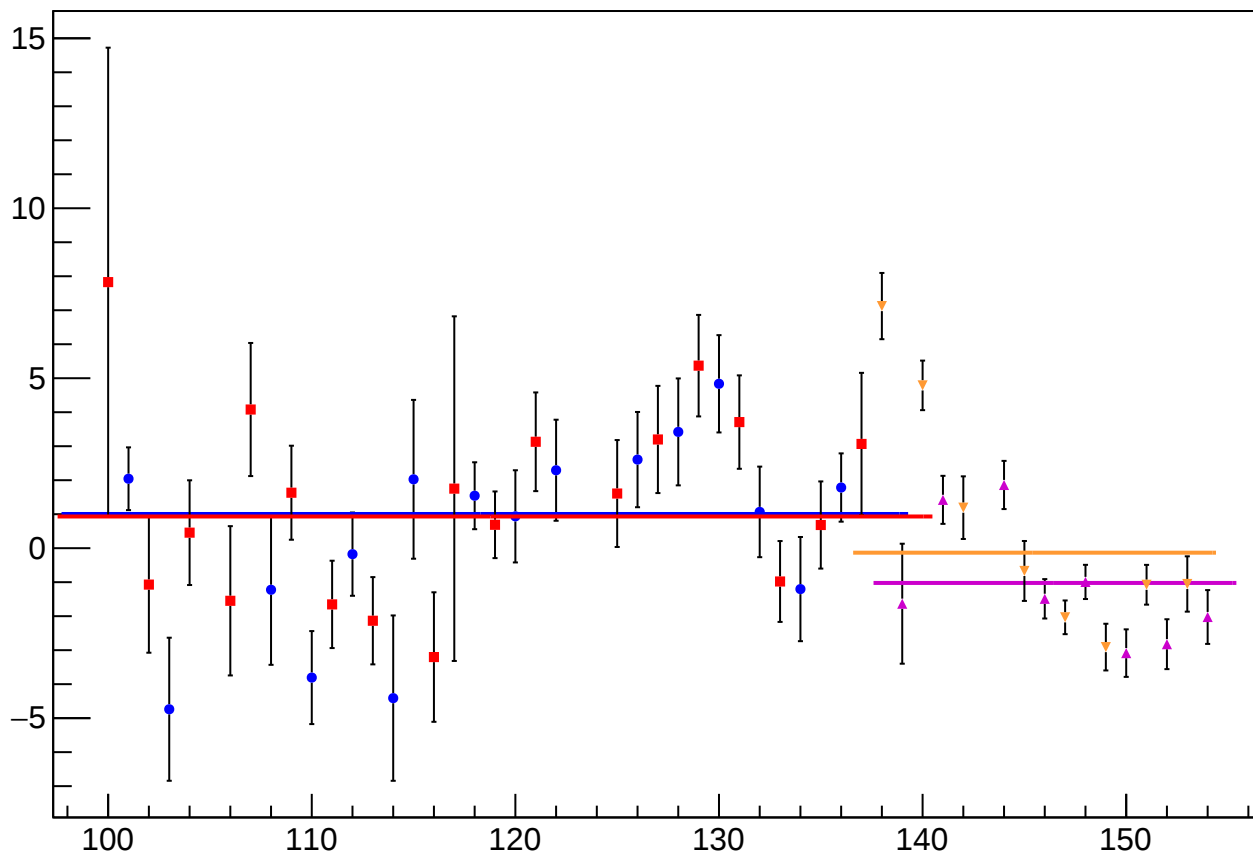
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.234+/-0.358 χ^2/NDF : 268.7/7

-9.318+/-0.371 χ^2/NDF : 325.6/7

-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: -0.132 ± 0.250 $\chi^2/\text{NDF}: 138.4/7$

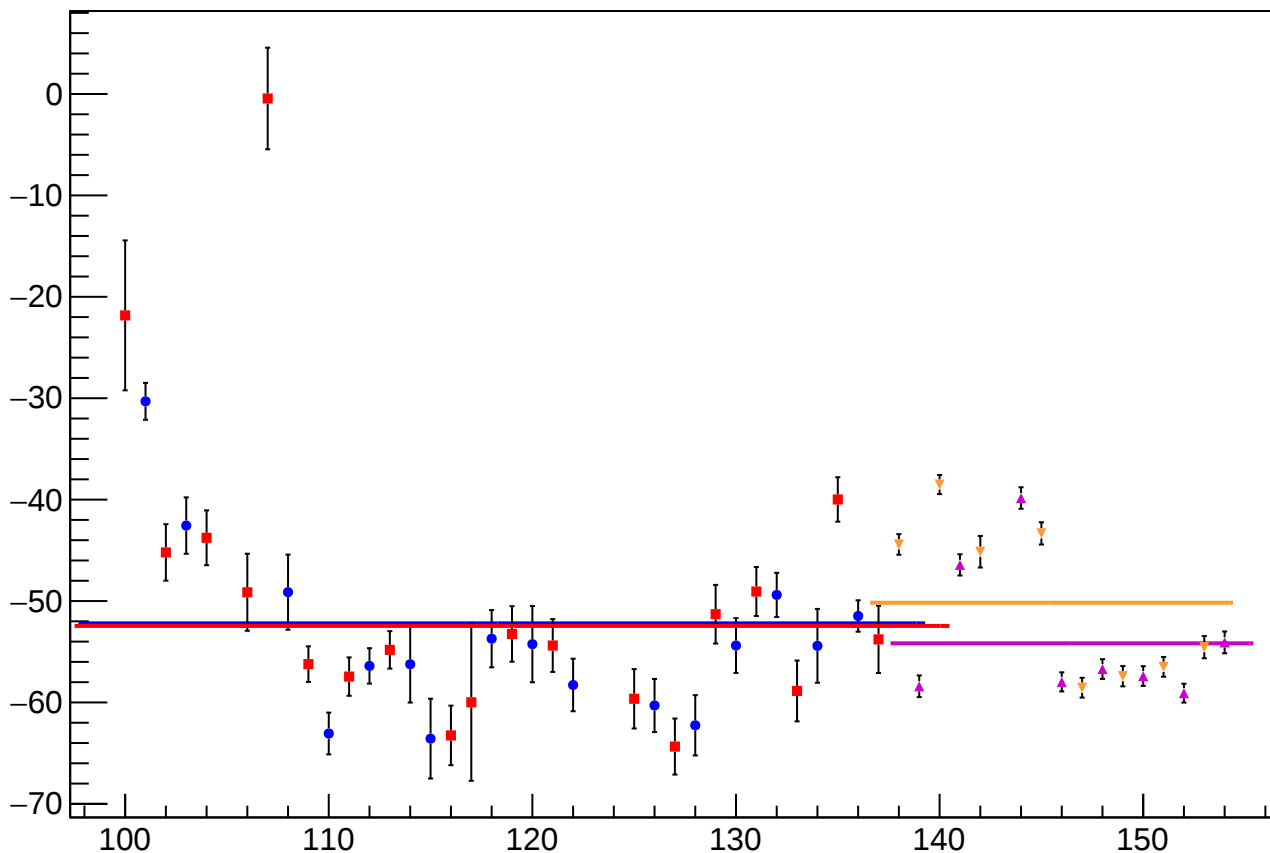
Right Out: 0.933 ± 0.352 $\chi^2/\text{NDF}: 41.9/18$

Left In: -1.022 ± 0.244 $\chi^2/\text{NDF}: 45.6/7$

0.265 ± 0.202 $\chi^2/\text{NDF}: 188.4/23$

-0.387 ± 0.201 $\chi^2/\text{NDF}: 108.3/26$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.200 $\pm$ 0.615 χ^2/NDF : 230.6/15

Left Out: -50.165 $\pm$ 0.371 χ^2/NDF : 418.0/7

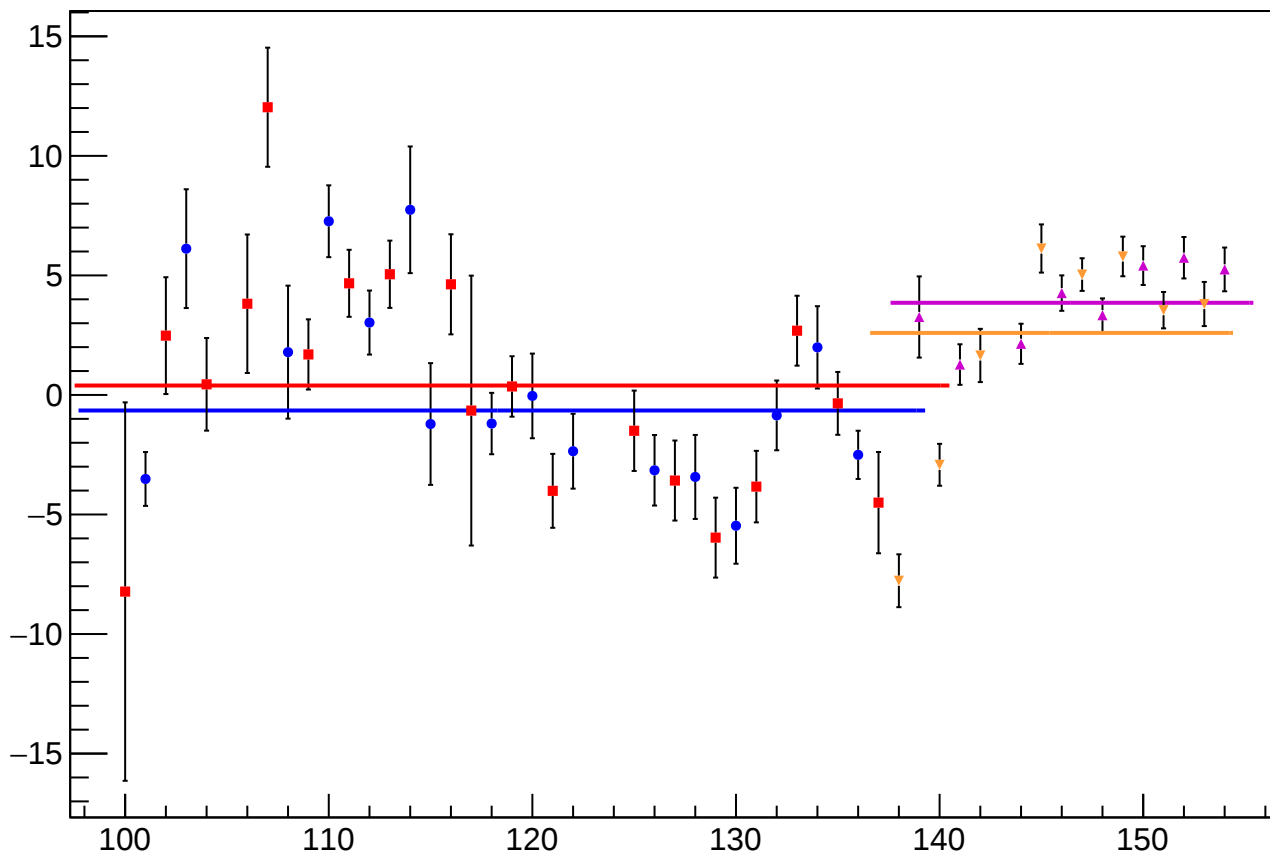
Right Out: -52.455 $\pm$ 0.614 χ^2/NDF : 234.8/18

Left In: -54.168 $\pm$ 0.355 χ^2/NDF : 314.6/7

-50.708 $\pm$ 0.317 χ^2/NDF : 656.7/23

-53.739 $\pm$ 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: 2.594 ± 0.310 χ^2/NDF : 171.5/7

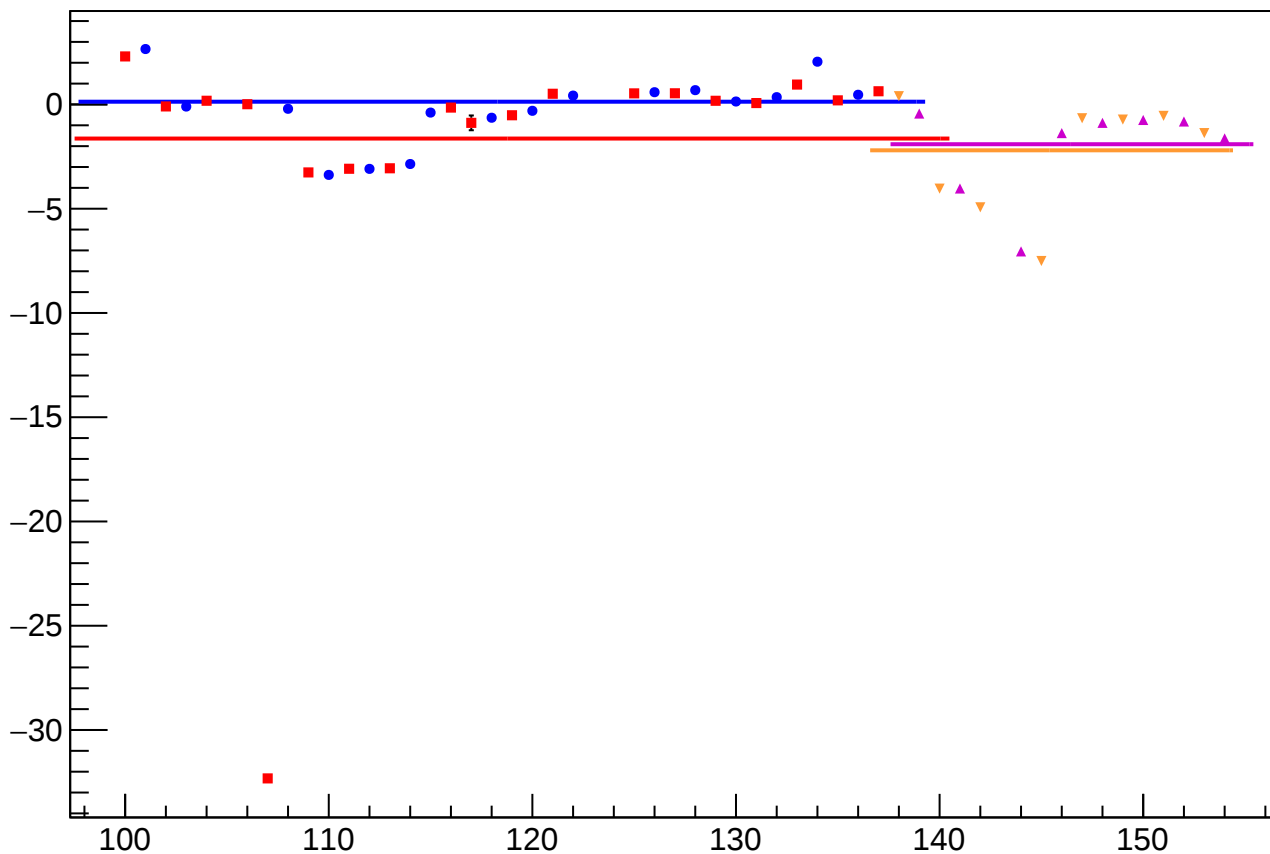
Right Out: 0.394 ± 0.398 χ^2/NDF : 95.9/18

Left In: 3.855 ± 0.301 χ^2/NDF : 25.2/7

1.326 ± 0.242 χ^2/NDF : 296.3/23

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 $\chi^2/\text{NDF}: 5247.5/15$

Left Out: -2.199 ± 0.015 $\chi^2/\text{NDF}: 27569.2/7$

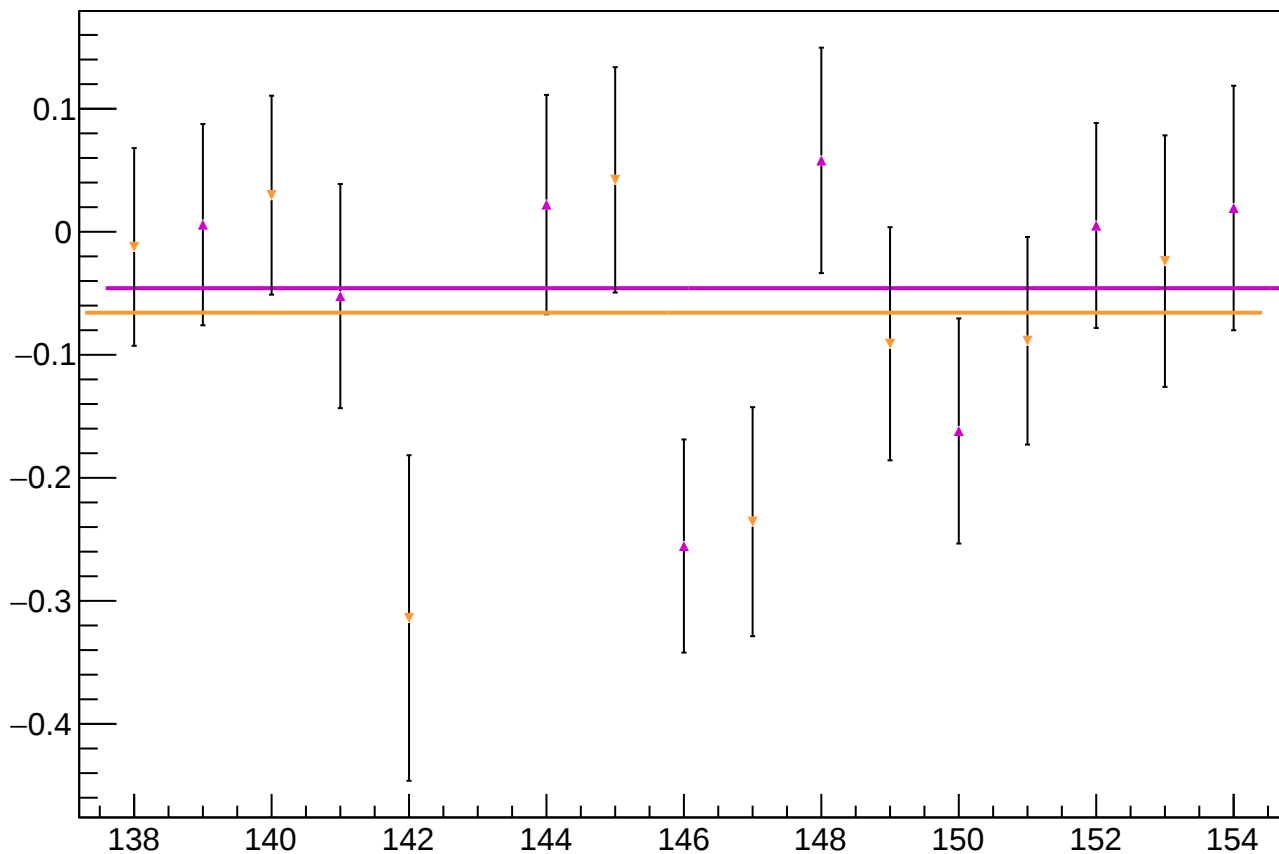
Right Out: -1.635 ± 0.022 $\chi^2/\text{NDF}: 77852.9/18$

Left In: -1.907 ± 0.014 $\chi^2/\text{NDF}: 18815.7/7$

-1.416 ± 0.012 $\chi^2/\text{NDF}: 40579.3/23$

-1.825 ± 0.012 $\chi^2/\text{NDF}: 96776.9/26$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.066+/-0.032 χ^2/NDF : 10.4/7

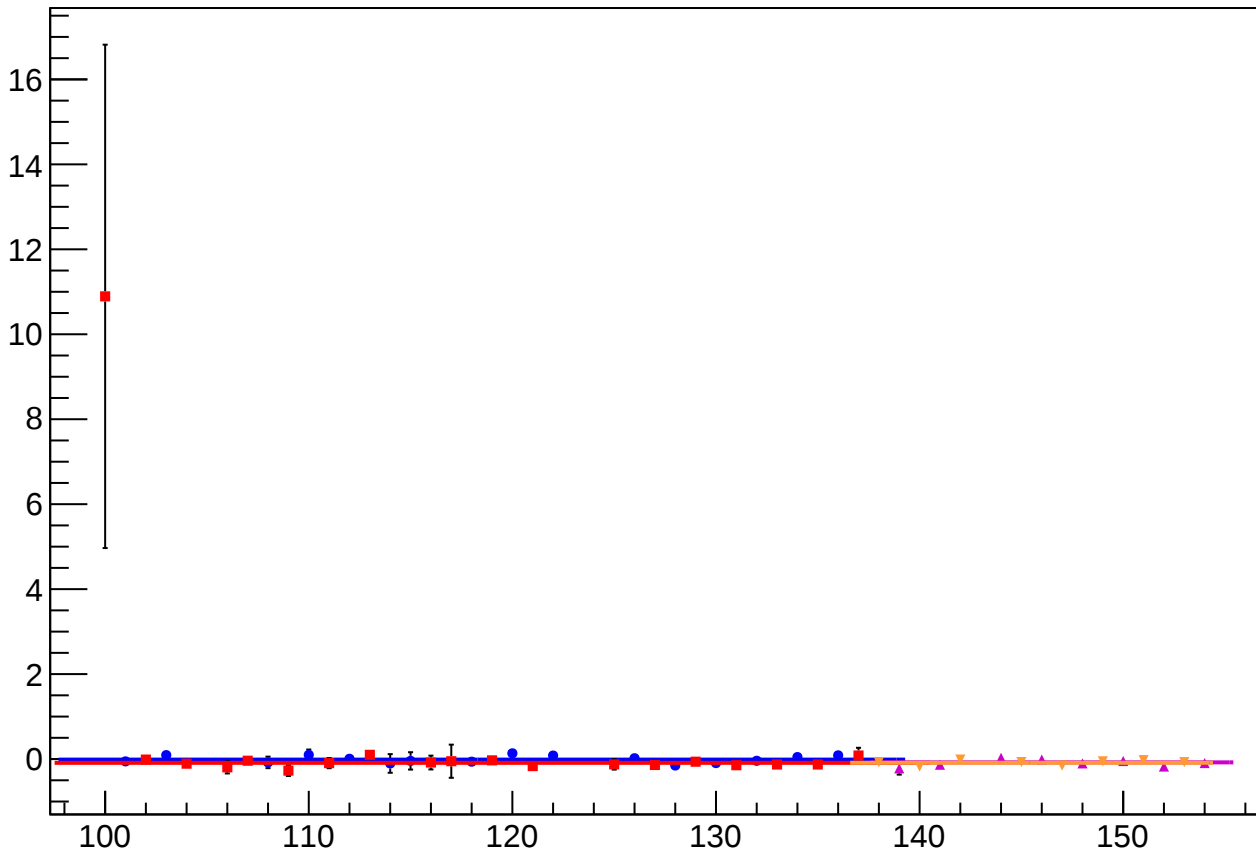
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.046+/-0.031 χ^2/NDF : 10.5/7

-0.066+/-0.032 χ^2/NDF : 10.4/7

-0.046+/-0.031 χ^2/NDF : 10.5/7

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 $\pm$ 0.023 χ^2 /NDF: 11.7/15

Left Out: -0.088 $\pm$ 0.022 χ^2 /NDF: 7.0/7

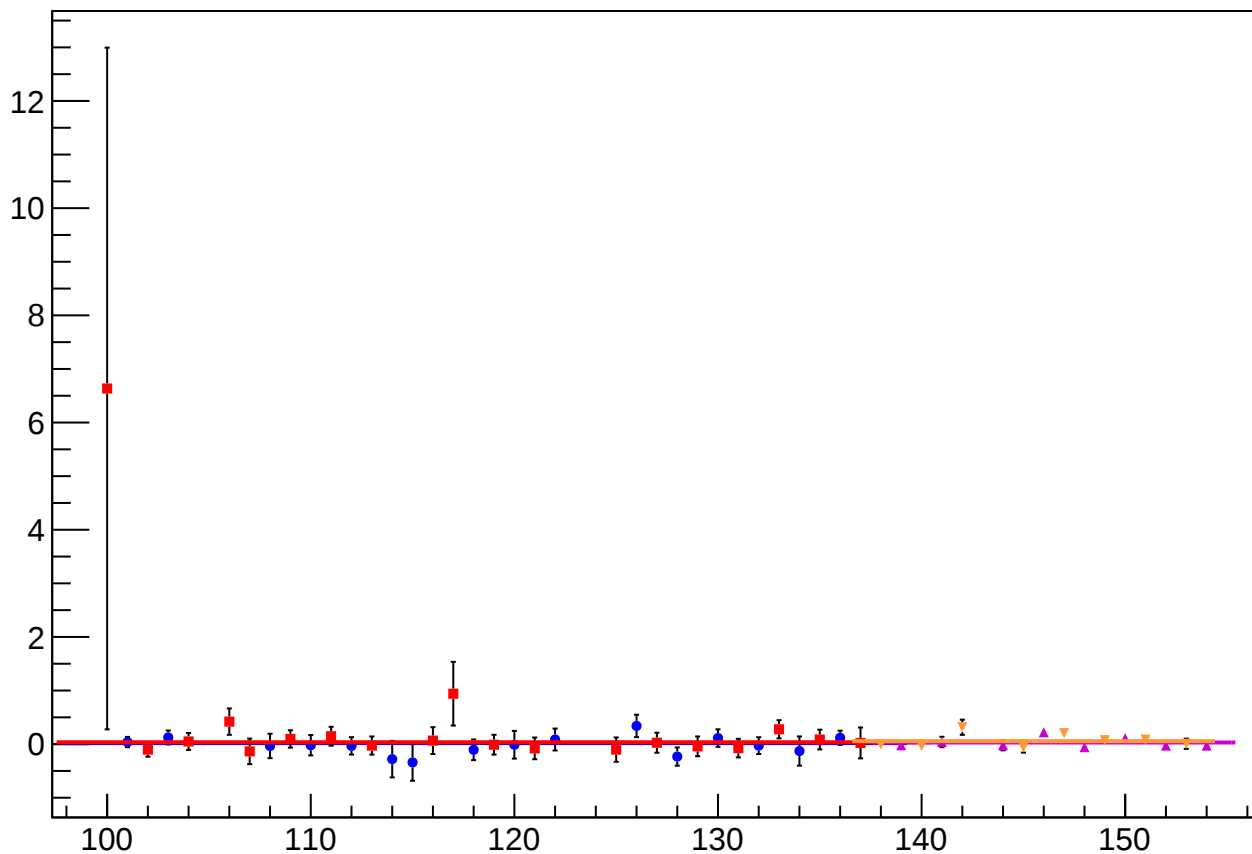
Right Out: -0.089 $\pm$ 0.025 χ^2 /NDF: 13.0/18

Left In: -0.078 $\pm$ 0.022 χ^2 /NDF: 9.2/7

-0.053 $\pm$ 0.016 χ^2 /NDF: 24.1/23

-0.083 $\pm$ 0.016 χ^2 /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: 0.056+/-0.032 χ^2/NDF : 9.9/7

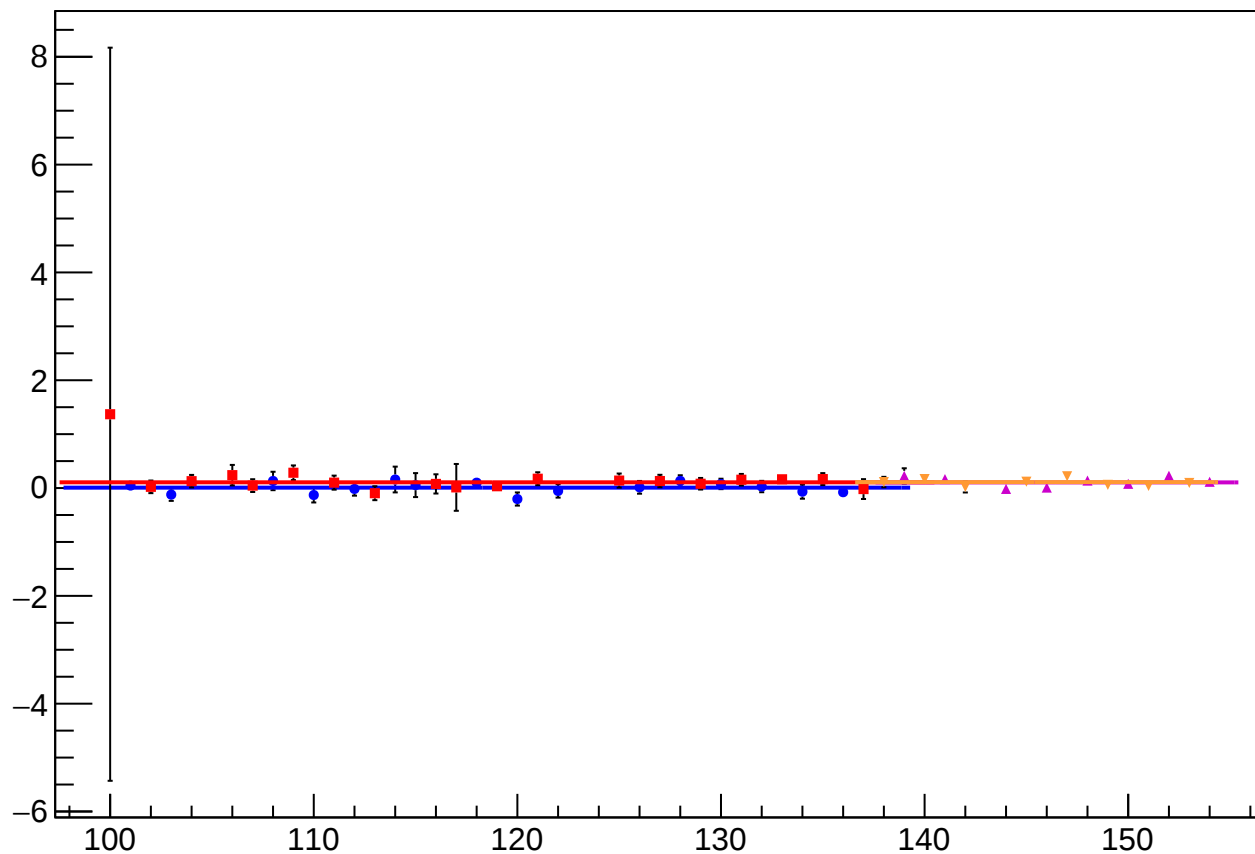
Right Out: 0.035+/-0.045 χ^2/NDF : 11.6/18

Left In: 0.030+/-0.031 χ^2/NDF : 8.7/7

0.043+/-0.026 χ^2/NDF : 19.4/23

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: 0.110+/-0.027 χ^2/NDF : 6.3/7

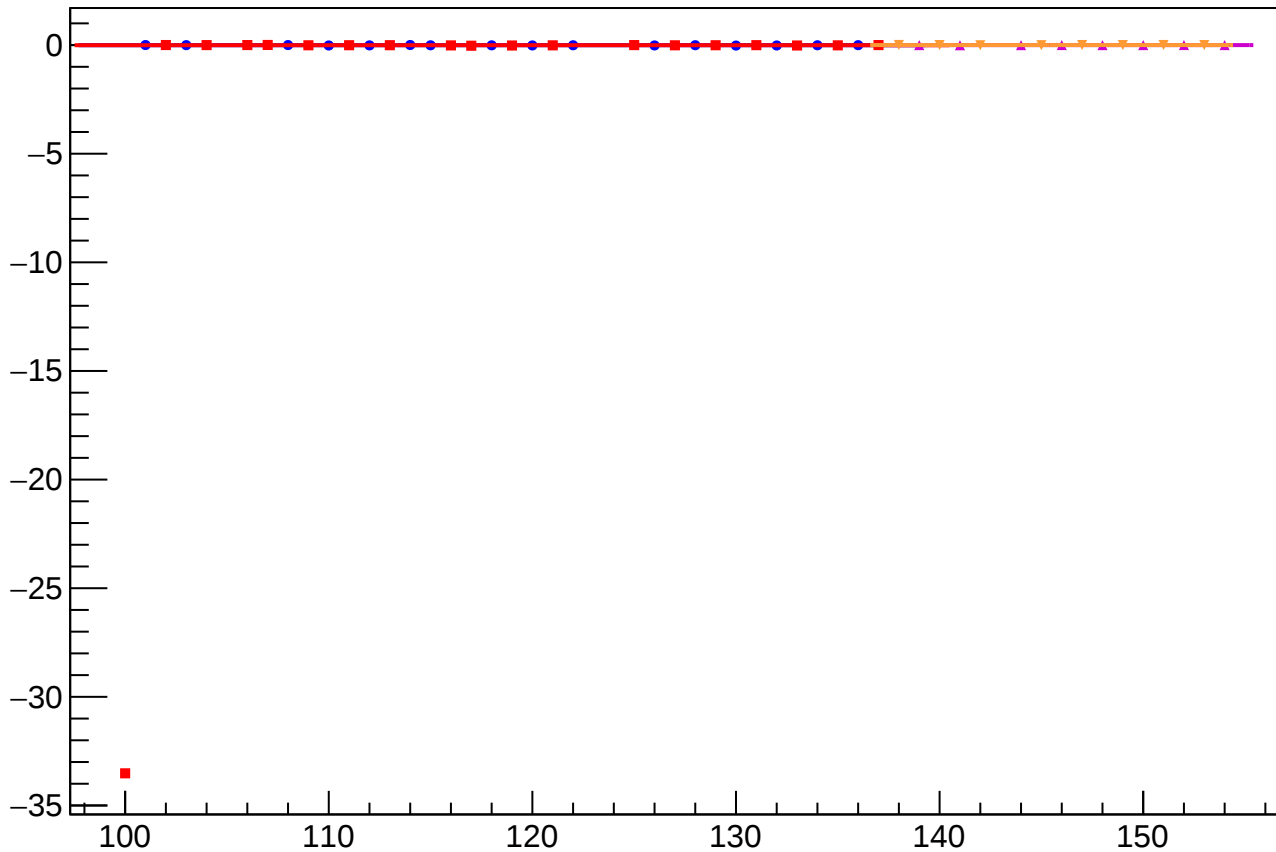
Right Out: 0.106+/-0.029 χ^2/NDF : 8.2/18

Left In: 0.105+/-0.027 χ^2/NDF : 9.2/7

0.059+/-0.019 χ^2/NDF : 24.7/23

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 : 6.6/7

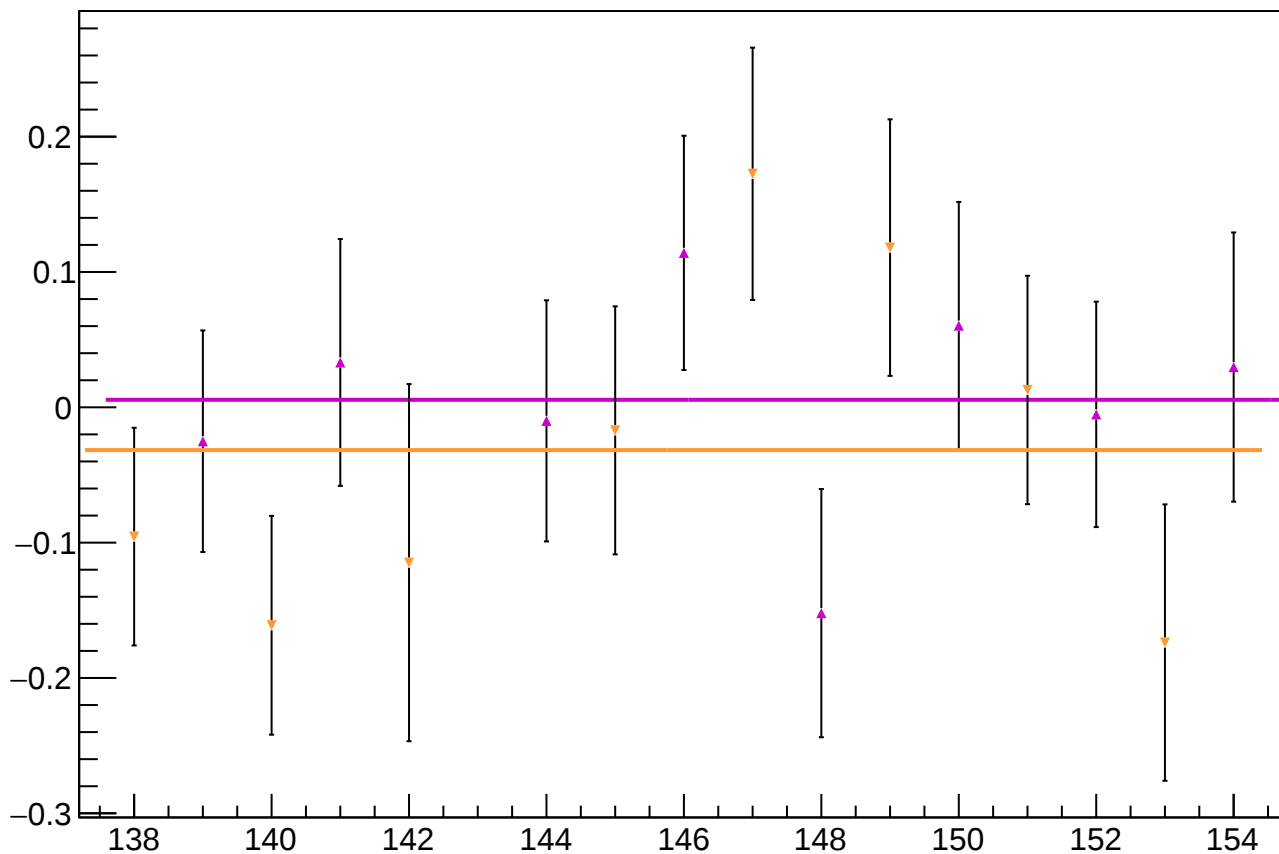
Right Out: -0.006 ± 0.001 χ^2/NDF : 26509.5/18

Left In: -0.001 ± 0.001 χ^2/NDF : 4.6/7

-0.002 ± 0.001 χ^2/NDF : 38.1/23

-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: -0.032+/-0.033 χ^2/NDF : 13.1/7

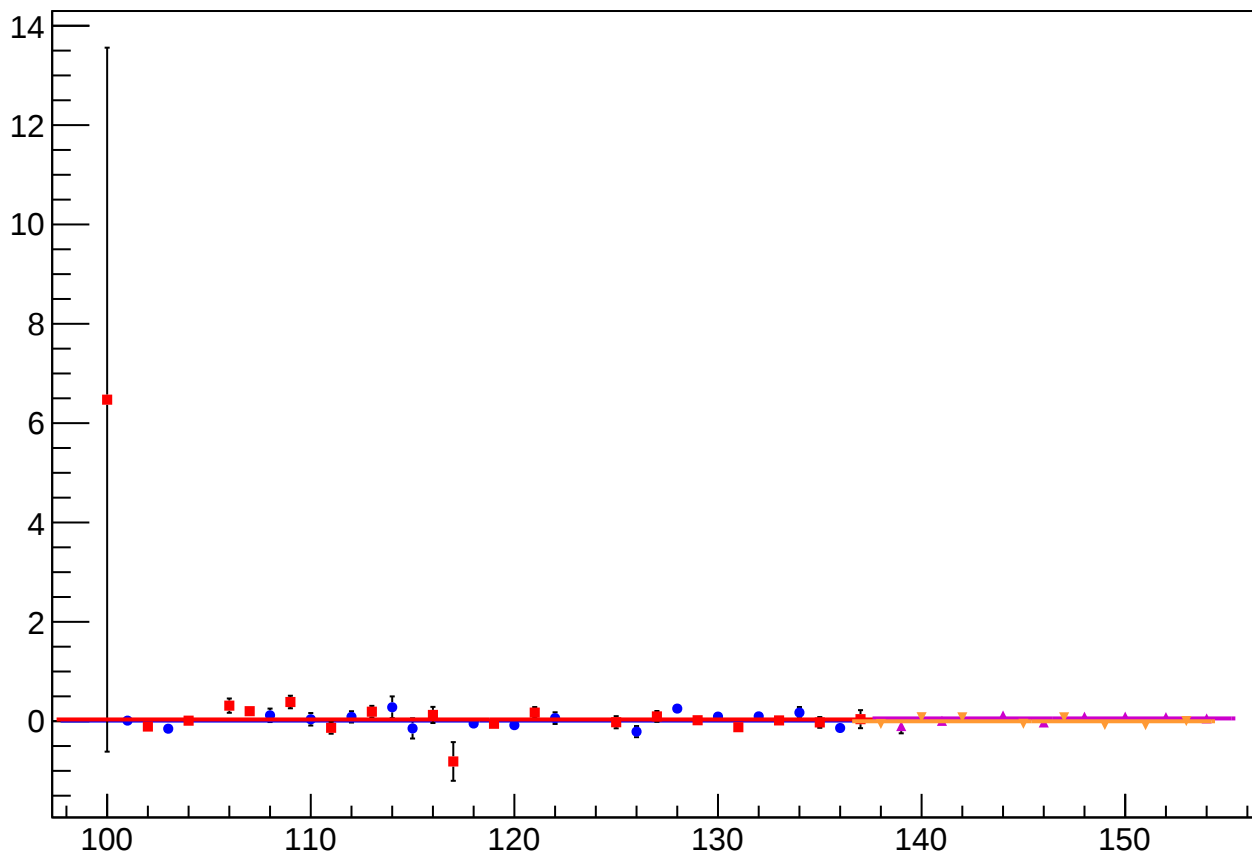
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.006+/-0.031 χ^2/NDF : 5.2/7

-0.032+/-0.033 χ^2/NDF : 13.1/7

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: -0.002 ± 0.022 χ^2/NDF : 10.6/7

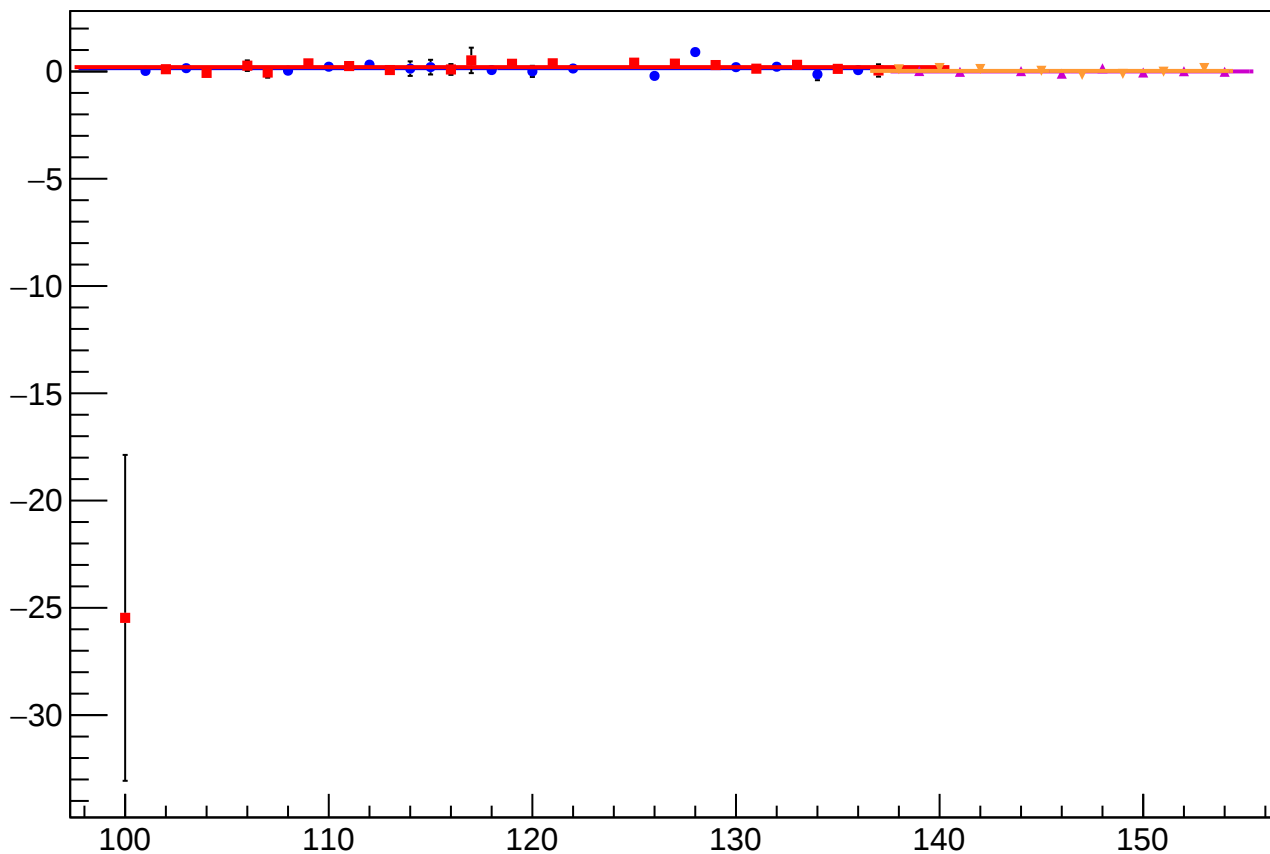
Right Out: 0.035 ± 0.025 χ^2/NDF : 33.2/18

Left In: 0.055 ± 0.022 χ^2/NDF : 6.2/7

0.005 ± 0.016 χ^2/NDF : 35.8/23

0.046 ± 0.016 χ^2/NDF : 39.7/26

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 27.9/15

Left Out: 0.026 $\pm$ 0.032 χ^2 /NDF:12.9/7

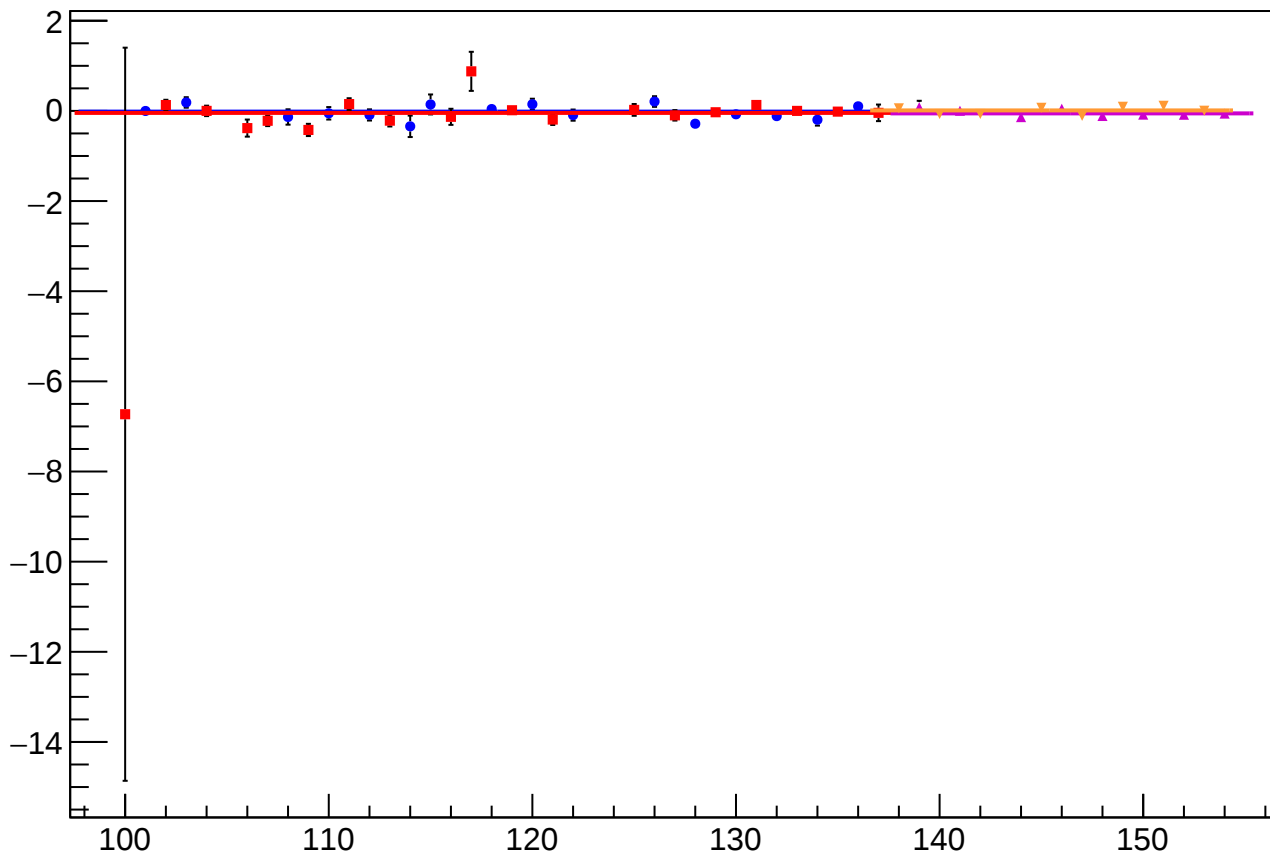
Right Out: 0.203 $\pm$ 0.045 χ^2 /NDF: 22.9/18

Left In: 0.002 $\pm$ 0.031 χ^2 /NDF:5.0/7

0.073 $\pm$ 0.026 χ^2 /NDF: 46.5/23

0.067 $\pm$ 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: 0.011 ± 0.027 χ^2/NDF : 10.1/7

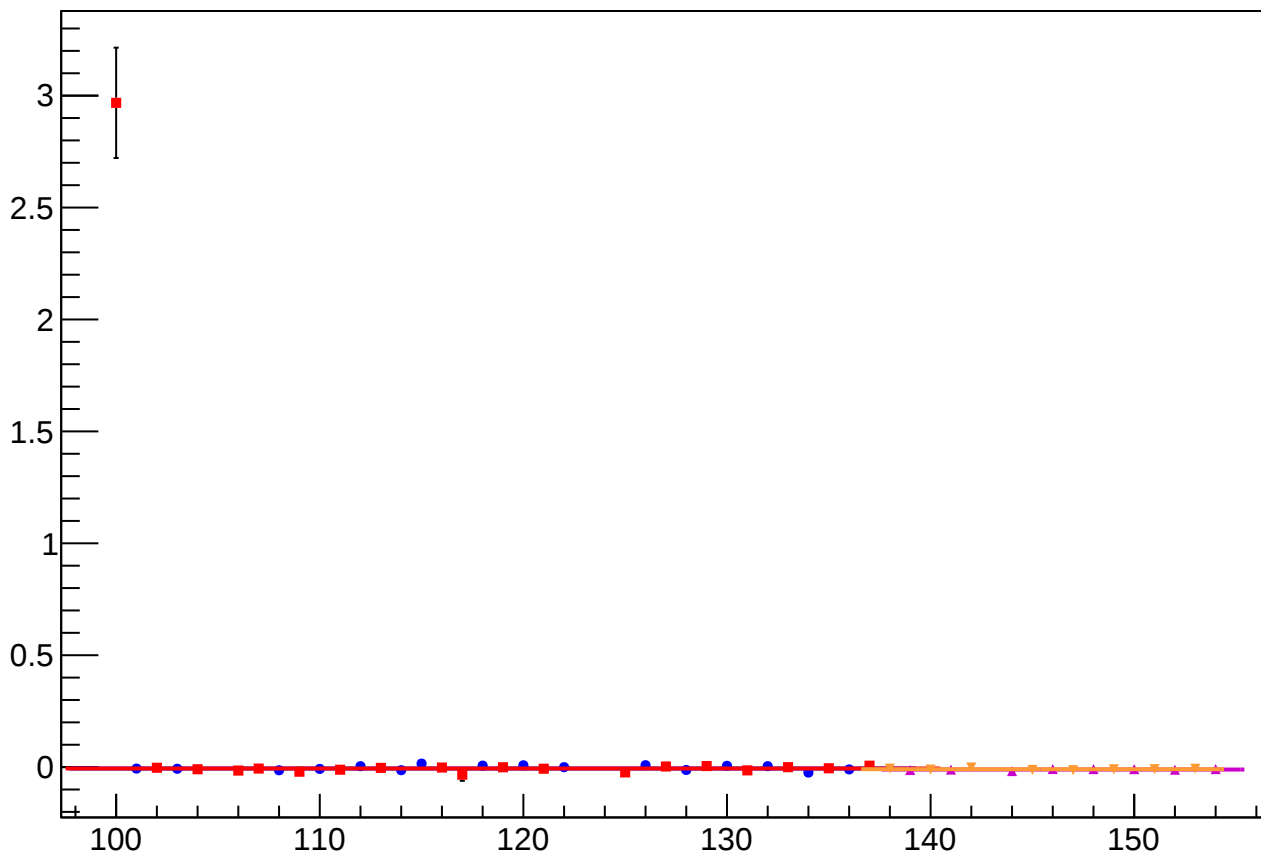
Right Out: -0.044 ± 0.029 χ^2/NDF : 30.5/18

Left In: -0.055 ± 0.027 χ^2/NDF : 6.4/7

-0.003 ± 0.019 χ^2/NDF : 34.9/23

-0.050 ± 0.019 χ^2/NDF : 36.9/26

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 27.3/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 4.9/7

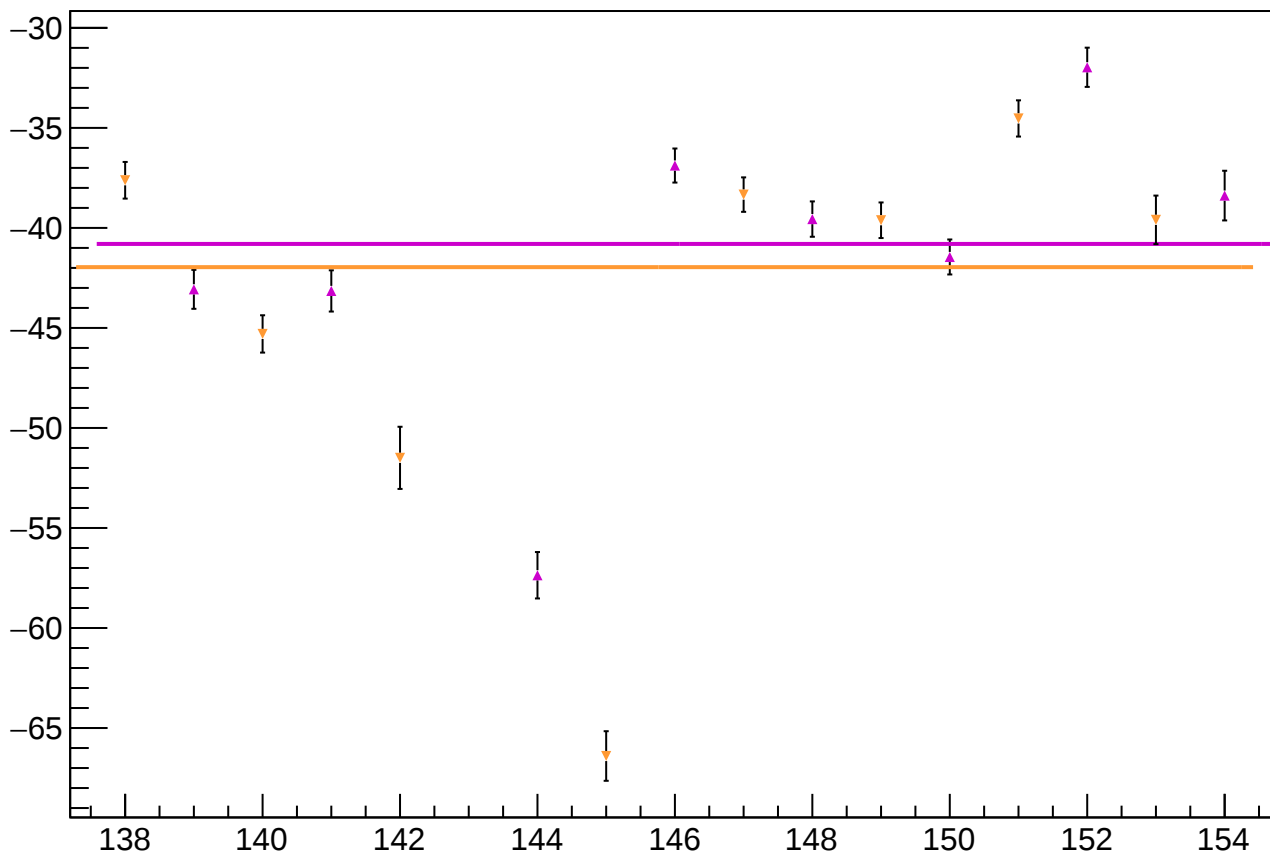
Right Out: -0.006 ± 0.001 χ^2/NDF : 167.0/18

Left In: -0.011 ± 0.001 χ^2/NDF : 4.6/7

-0.008 ± 0.001 χ^2/NDF : 34.8/23

-0.009 ± 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: -41.961+/-0.355 χ^2/NDF : 557.4/7

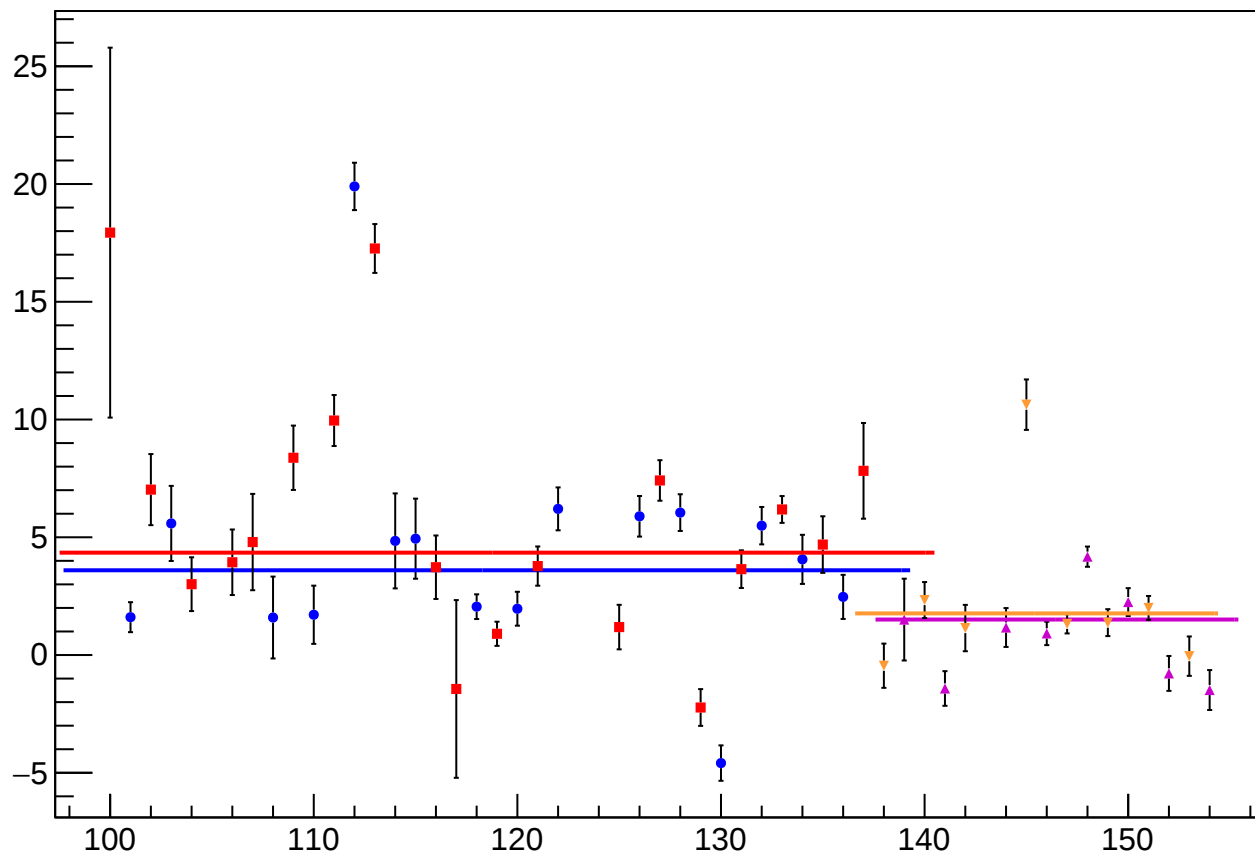
-41.961+/-0.355 χ^2/NDF : 557.4/7

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

Left In: -40.801+/-0.345 χ^2/NDF : 323.0/7

-40.801+/-0.345 χ^2/NDF : 323.0/7

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 χ^2/NDF : 443.4/15

Left Out: 1.767 ± 0.229 χ^2/NDF : 81.6/7

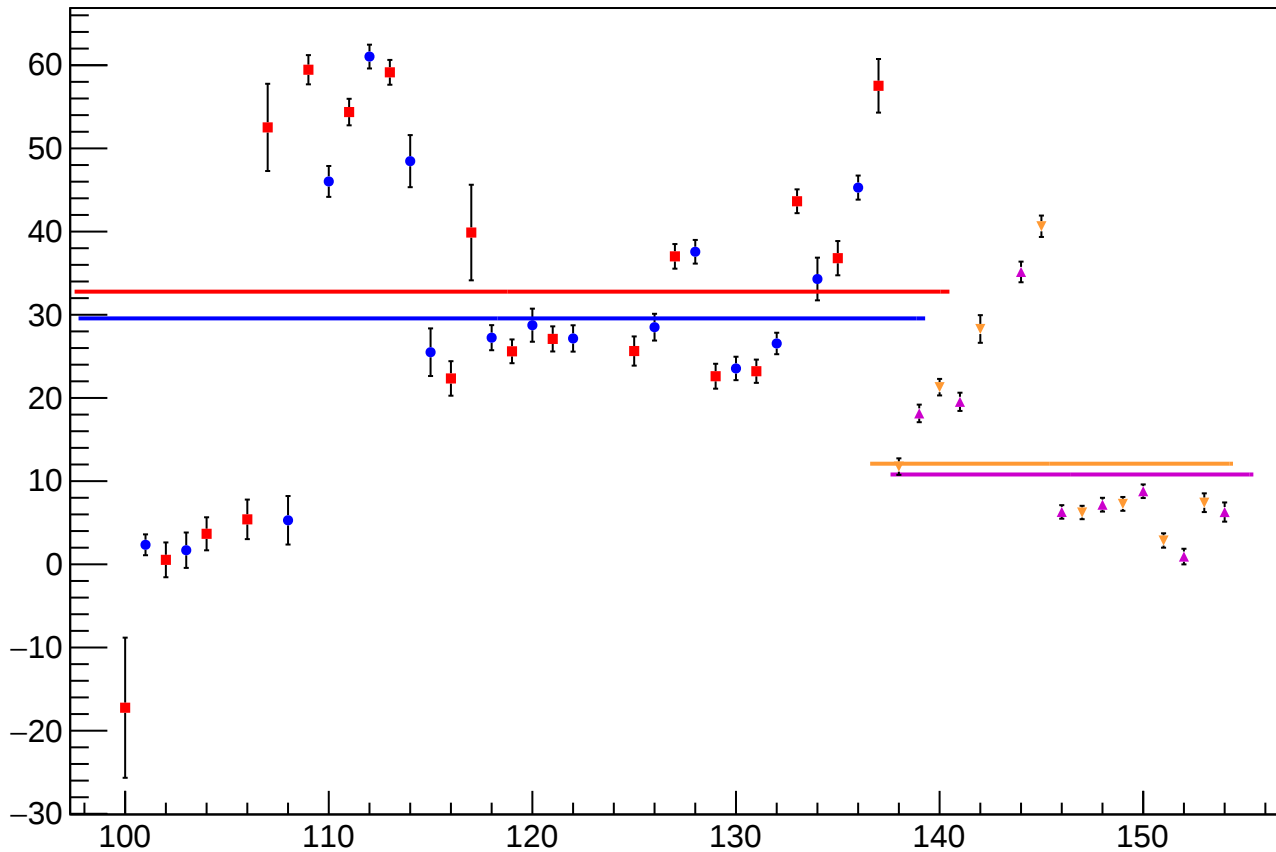
Right Out: 4.347 ± 0.224 χ^2/NDF : 355.4/18

Left In: 1.507 ± 0.228 χ^2/NDF : 79.7/7

2.717 ± 0.159 χ^2/NDF : 558.3/23

2.950 ± 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: 12.097 ± 0.351 χ^2/NDF : 891.2/7

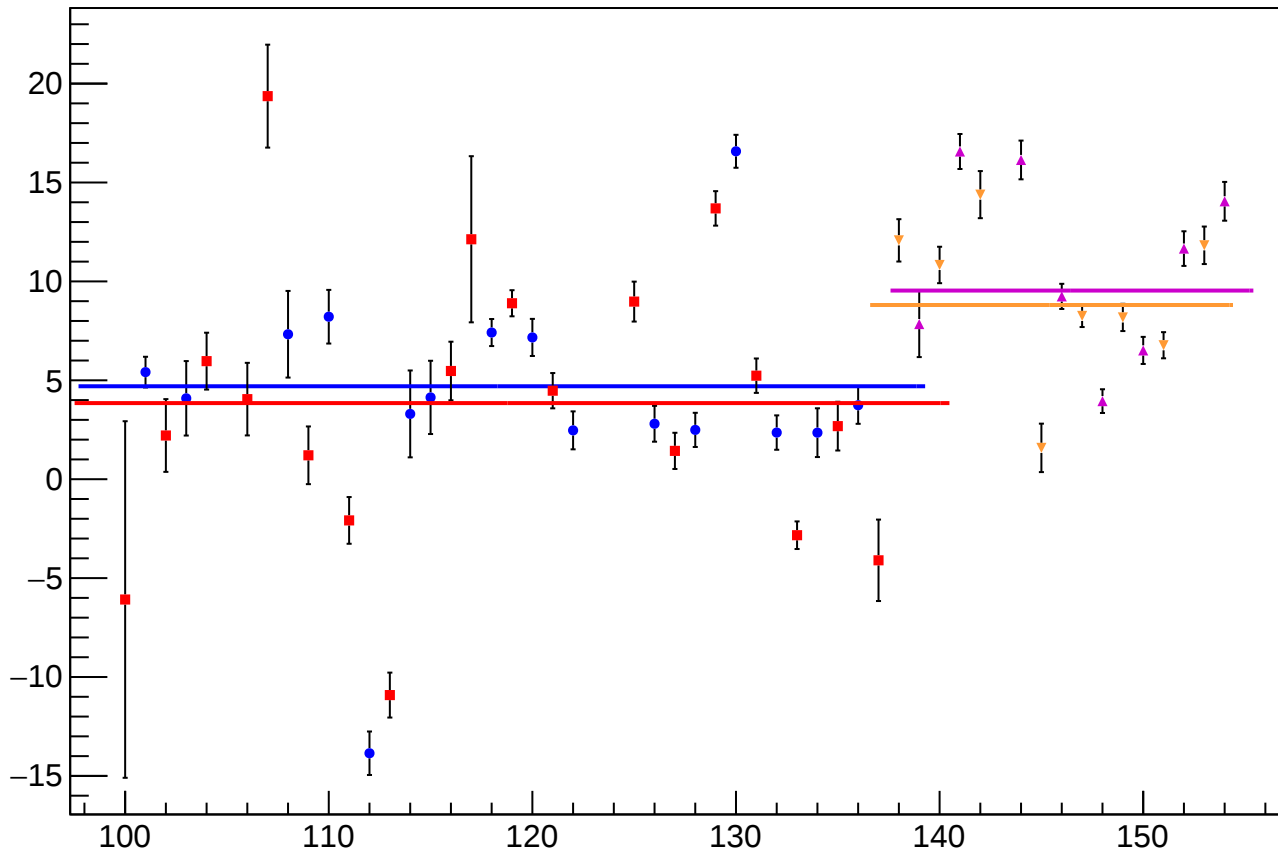
Right Out: 32.780 ± 0.422 χ^2/NDF : 1664.8/18

Left In: 10.800 ± 0.339 χ^2/NDF : 678.5/7

19.294 ± 0.269 χ^2/NDF : 3404.9/23

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 χ^2/NDF : 548.9/15

Left Out: 8.807 ± 0.288 χ^2/NDF : 92.3/7

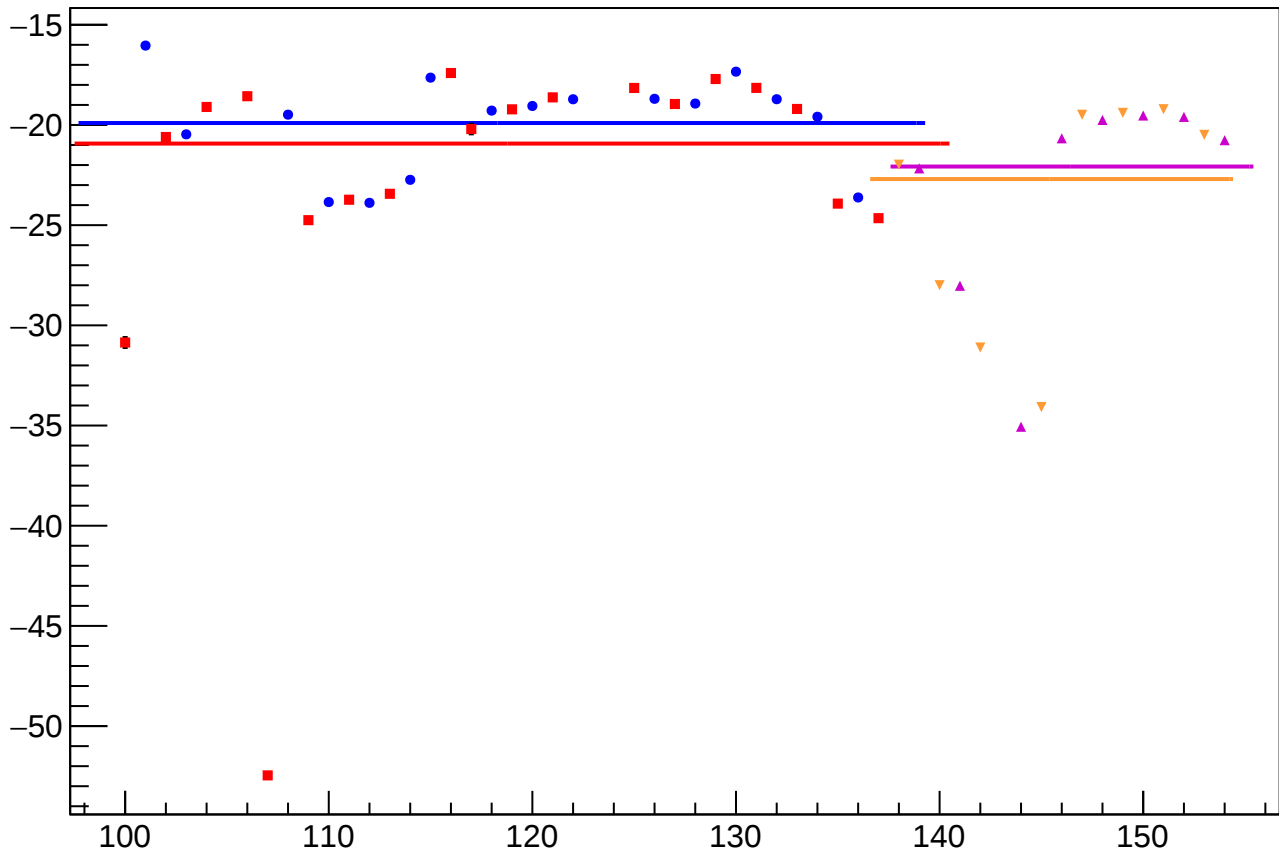
Right Out: 3.848 ± 0.258 χ^2/NDF : 571.5/18

Left In: 9.537 ± 0.284 χ^2/NDF : 243.4/7

6.499 ± 0.190 χ^2/NDF : 755.8/23

6.421 ± 0.191 χ^2/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: -22.699 ± 0.015 $\chi^2/\text{NDF}: 108238.6/7$

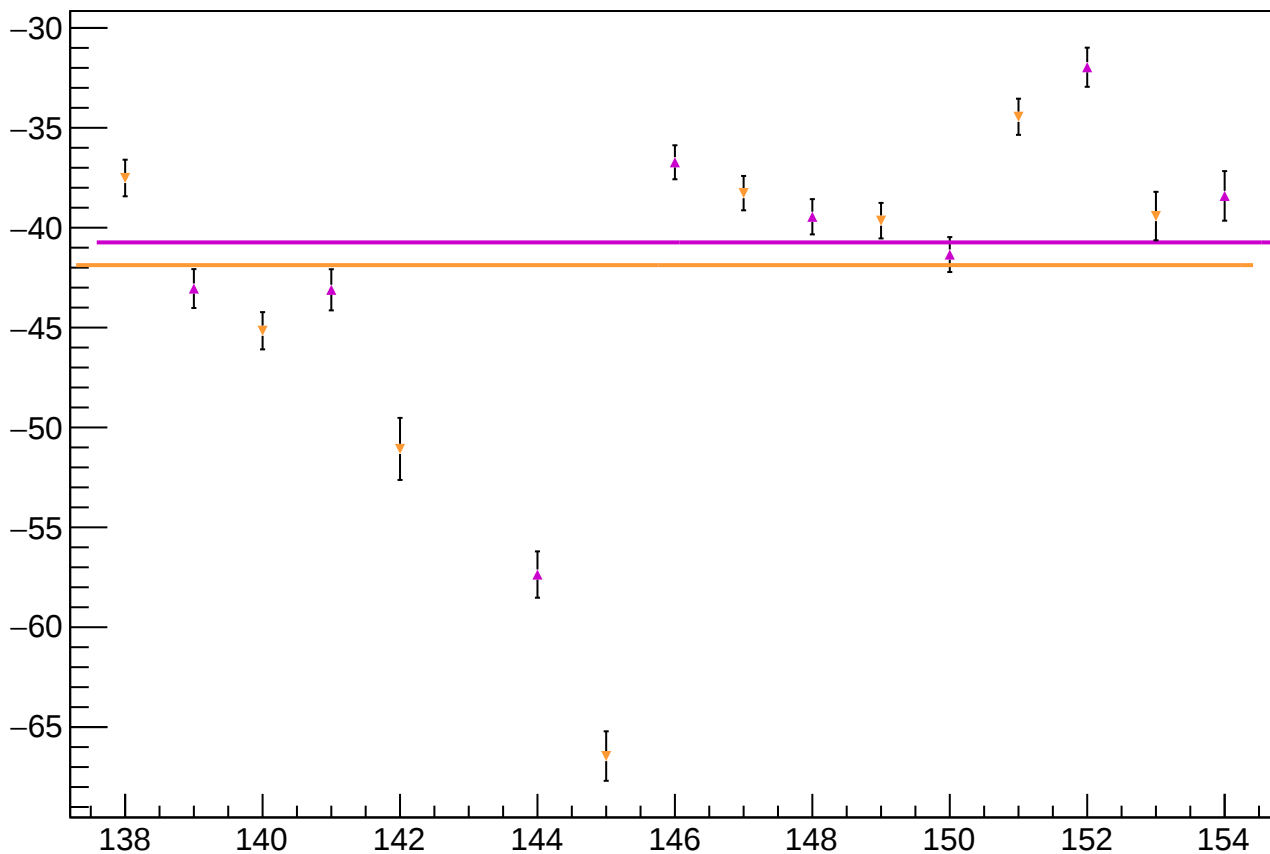
Right Out: -20.928 ± 0.016 $\chi^2/\text{NDF}: 94015.9/18$

Left In: -22.074 ± 0.014 $\chi^2/\text{NDF}: 91331.3/7$

-21.382 ± 0.011 $\chi^2/\text{NDF}: 151192.7/23$

-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: -41.873+/-0.355 χ^2/NDF : 559.0/7

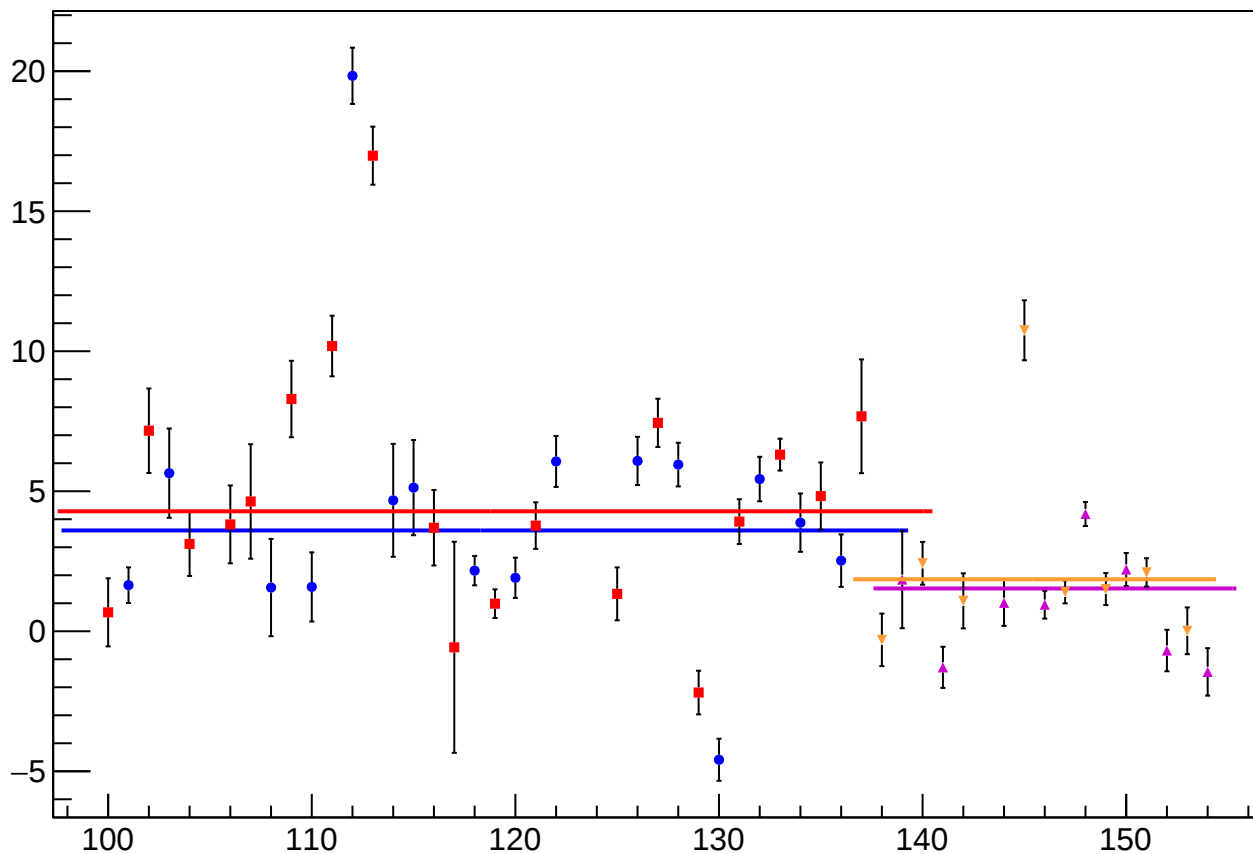
-41.873+/-0.355 χ^2/NDF : 559.0/7

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

Left In: -40.736+/-0.345 χ^2/NDF : 324.9/7

-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: 1.857 ± 0.229 χ^2/NDF : 82.1/7

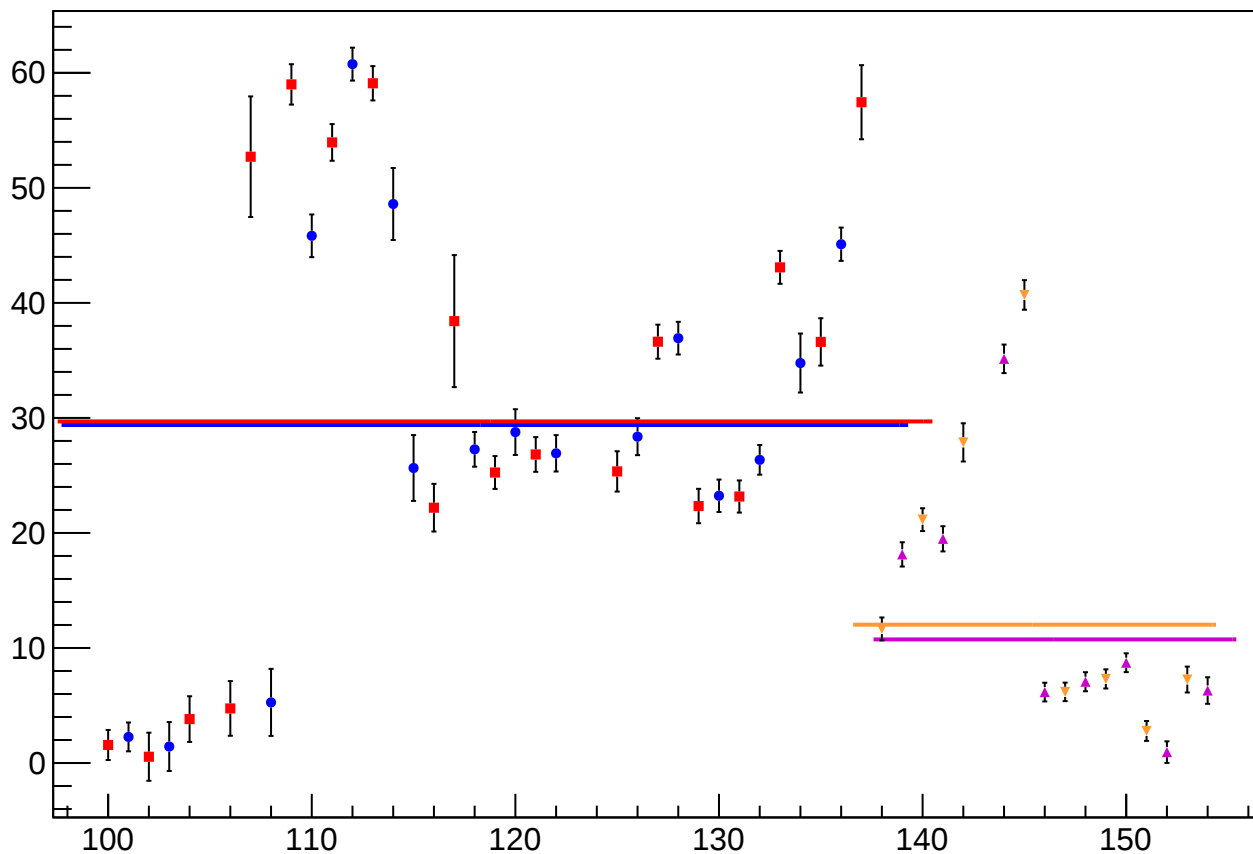
Right Out: 4.284 ± 0.221 χ^2/NDF : 353.8/18

Left In: 1.528 ± 0.228 χ^2/NDF : 77.6/7

2.761 ± 0.159 χ^2/NDF : 552.5/23

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: 12.025 $\pm$ 0.351 χ^2/NDF : 890.0/7

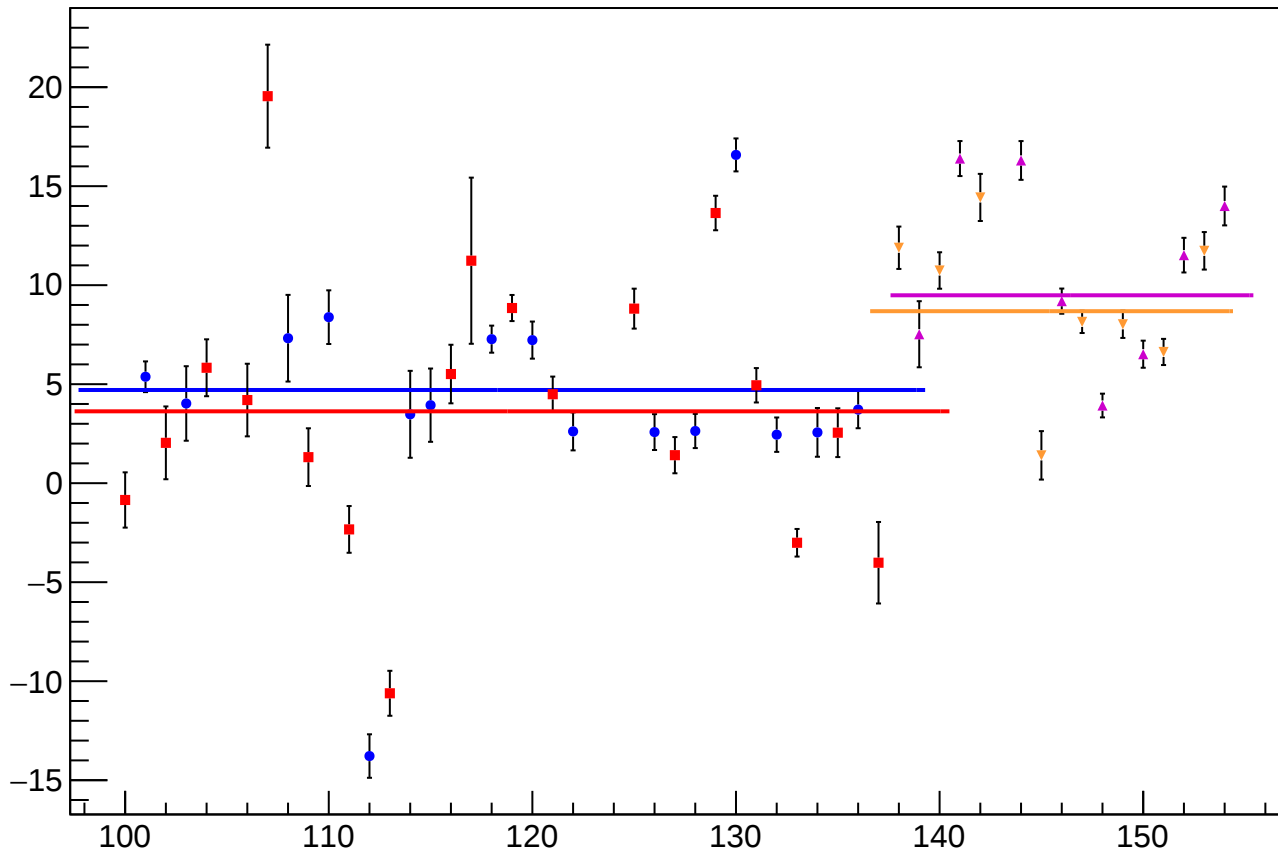
Right Out: 29.695 $\pm$ 0.401 χ^2/NDF : 2133.3/18

Left In: 10.745 $\pm$ 0.338 χ^2/NDF : 681.2/7

19.180 $\pm$ 0.269 χ^2/NDF : 3386.8/23

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 $\chi^2/\text{NDF}: 545.2/15$

Left Out: 8.686 ± 0.288 $\chi^2/\text{NDF}: 94.6/7$

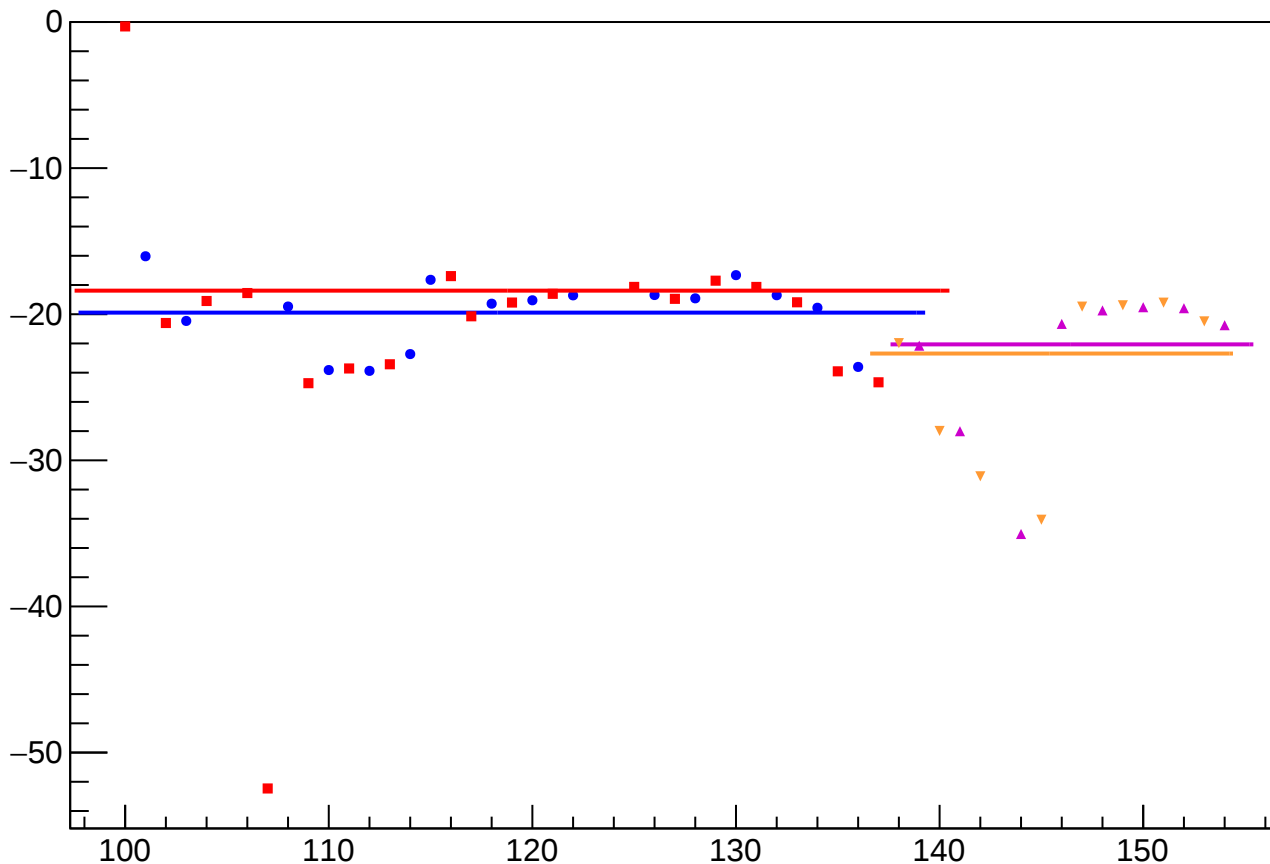
Right Out: 3.629 ± 0.254 $\chi^2/\text{NDF}: 576.7/18$

Left In: 9.489 ± 0.284 $\chi^2/\text{NDF}: 242.8/7$

6.450 ± 0.190 $\chi^2/\text{NDF}: 747.4/23$

6.232 ± 0.189 $\chi^2/\text{NDF}: 1056.7/26$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.890 ± 0.016 $\chi^2/\text{NDF}: 26044.4/15$

Left Out: -22.691 ± 0.015 $\chi^2/\text{NDF}: 108298.1/7$

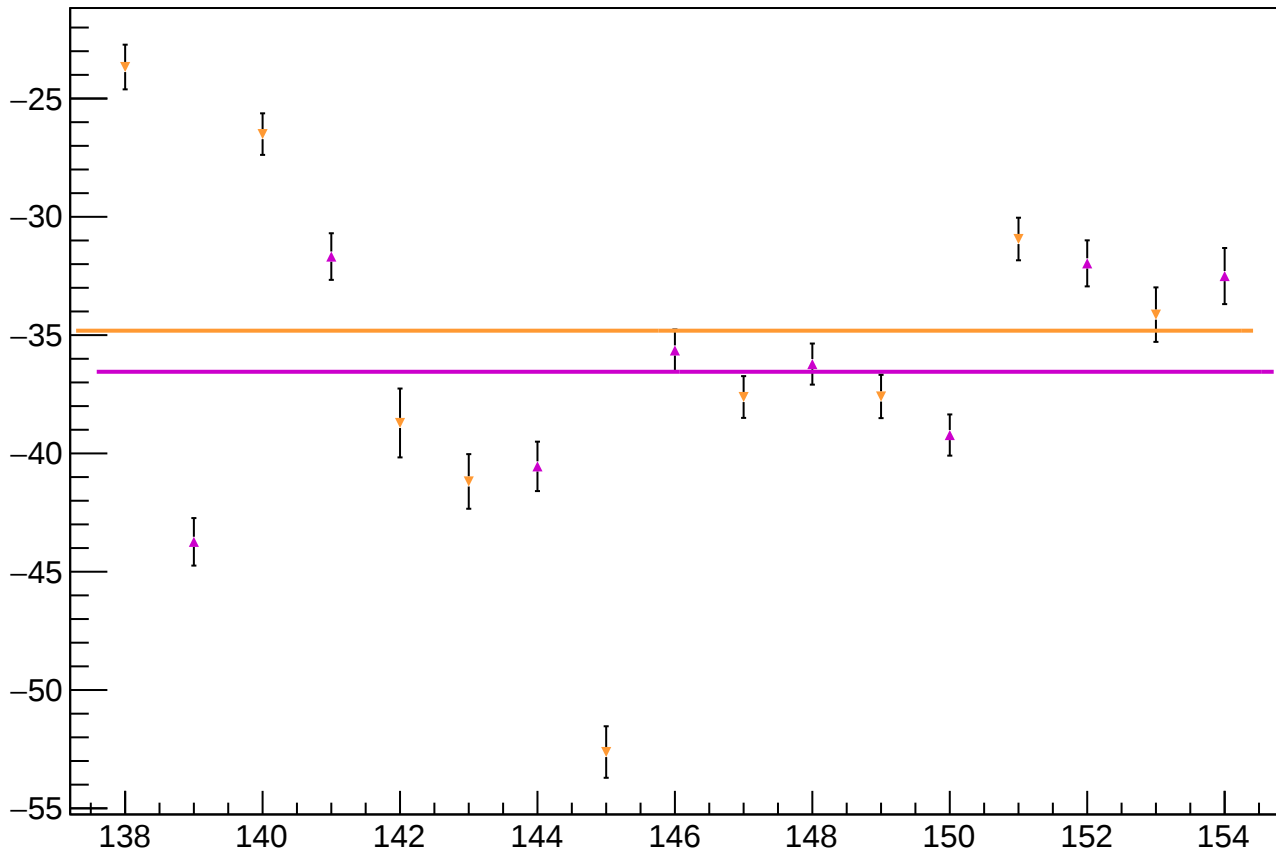
-21.372 ± 0.011 $\chi^2/\text{NDF}: 151311.1/23$

Right Out: -18.386 ± 0.015 $\chi^2/\text{NDF}: 301044.3/18$

-20.339 ± 0.010 $\chi^2/\text{NDF}: 425459.4/26$

Left In: -22.063 ± 0.014 $\chi^2/\text{NDF}: 91284.9/7$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.812+/-0.334 χ^2/NDF : 571.9/8

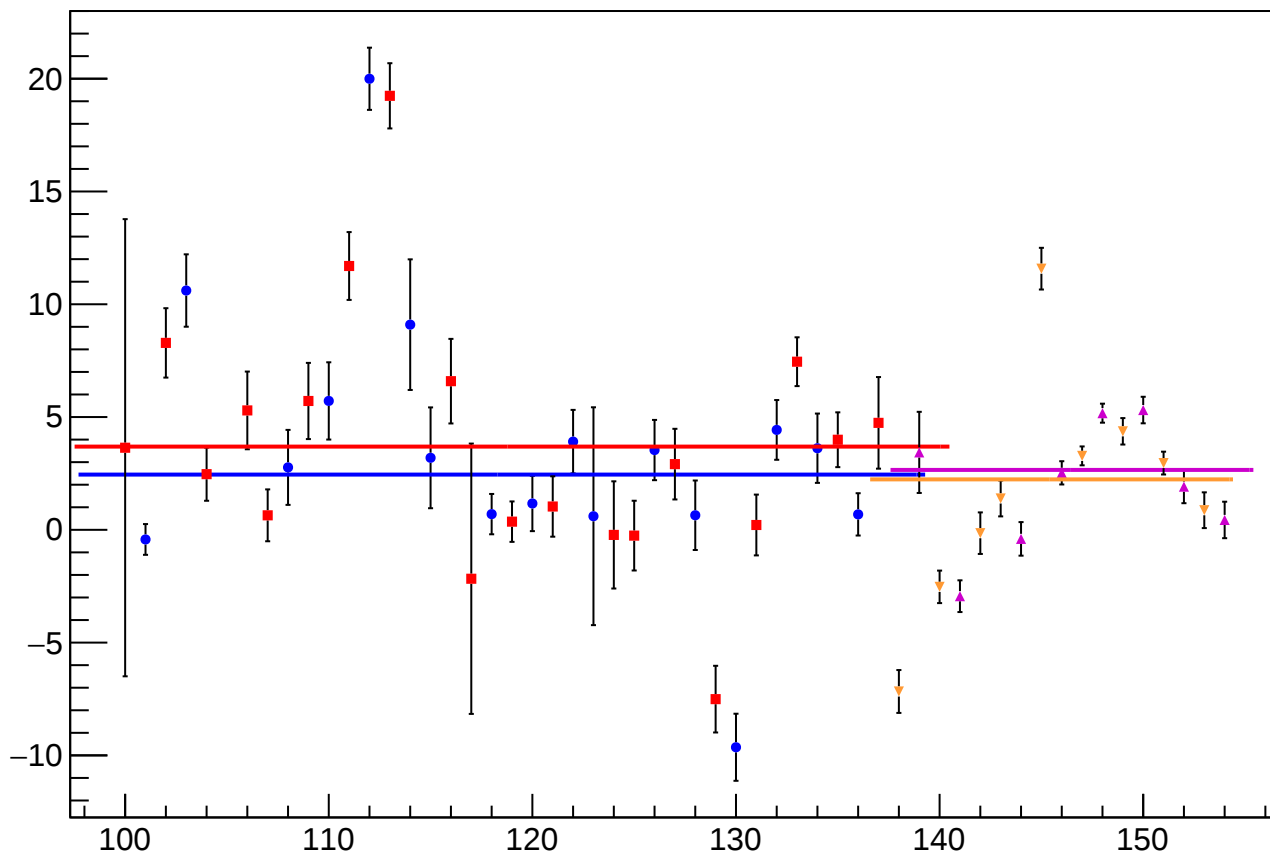
-34.812+/-0.334 χ^2/NDF : 571.9/8

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: 2.236 ± 0.218 χ^2/NDF : 276.0/8

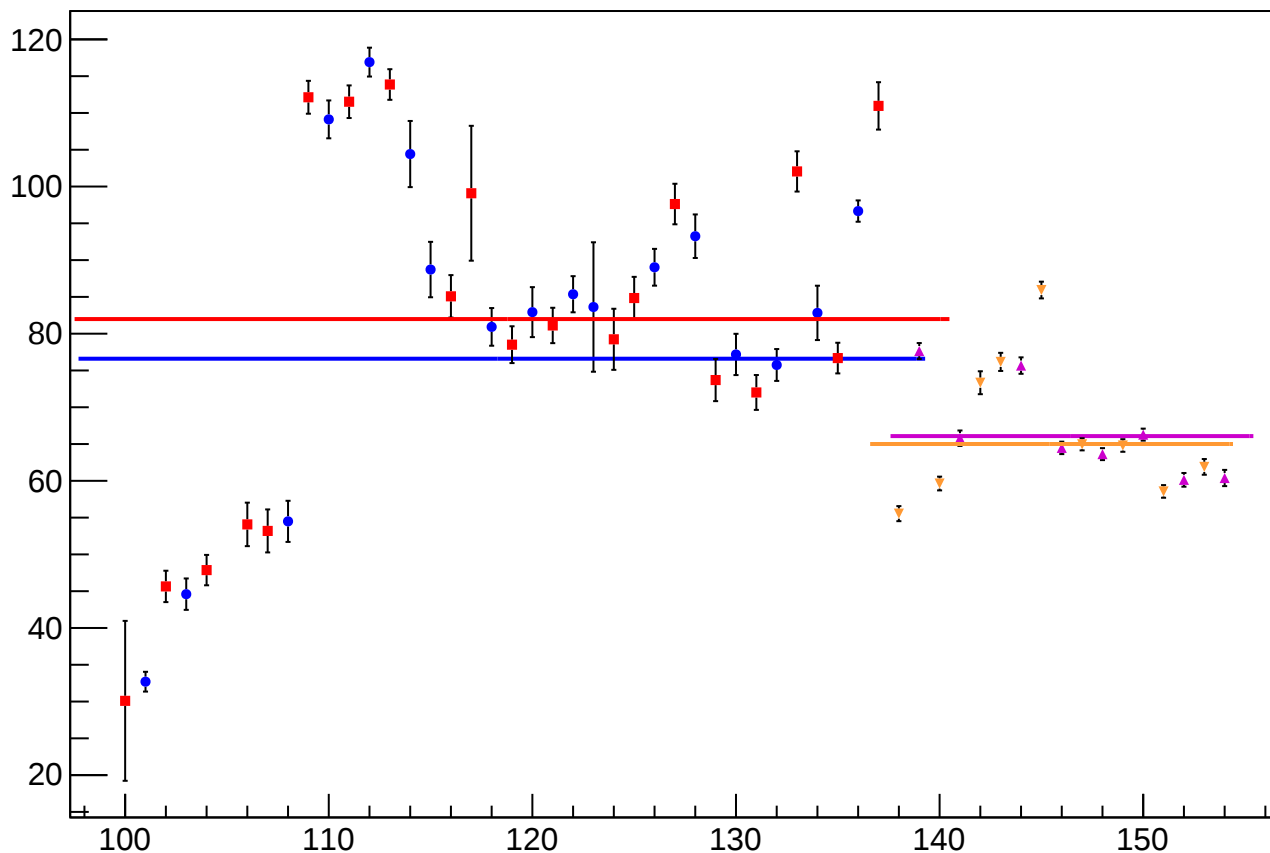
Right Out: 3.690 ± 0.326 χ^2/NDF : 270.4/19

Left In: 2.656 ± 0.225 χ^2/NDF : 145.1/7

2.305 ± 0.179 χ^2/NDF : 571.6/25

2.989 ± 0.185 χ^2/NDF : 422.2/27

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.598 +/- 0.576 χ^2/NDF : 2255.1/16

Left Out: 65.006 +/- 0.333 χ^2/NDF : 632.4/8

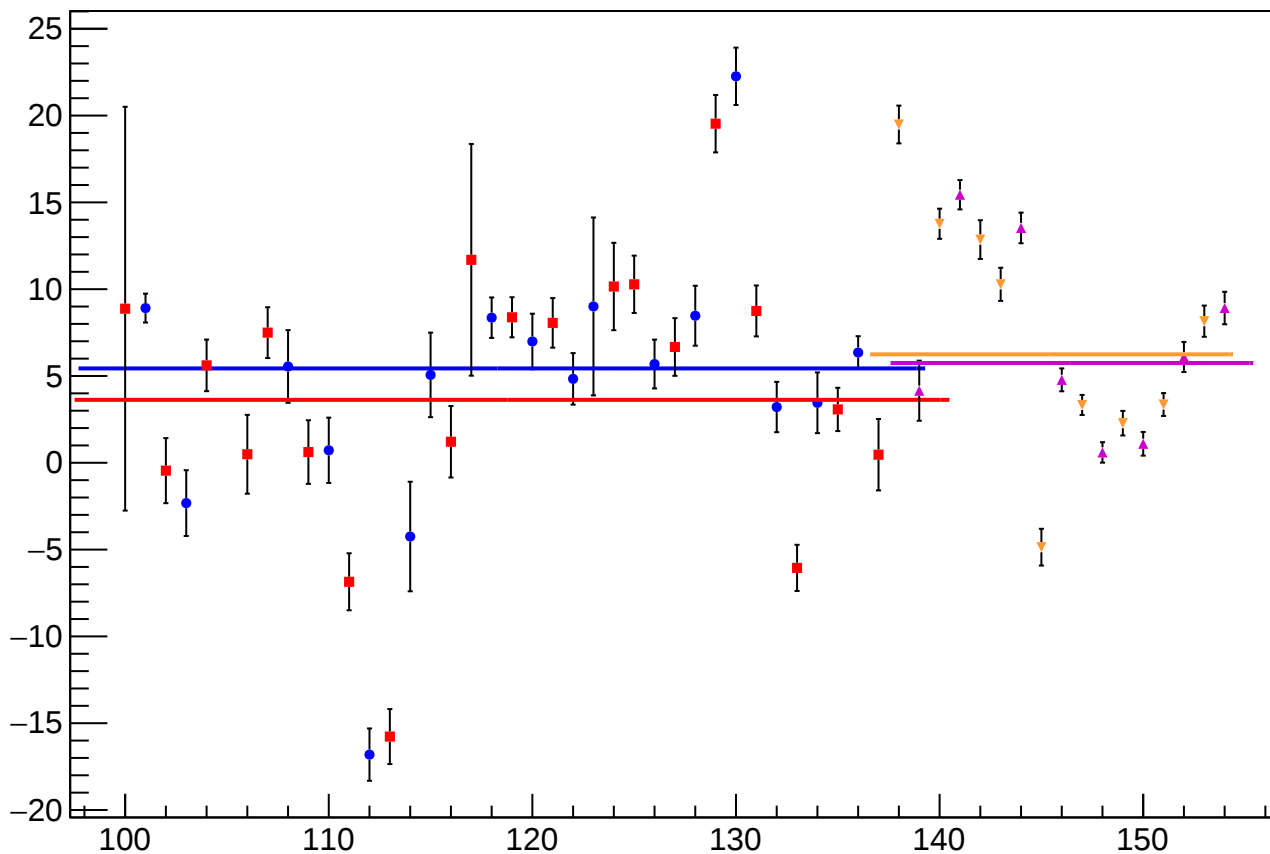
Right Out: 81.987 +/- 0.591 χ^2/NDF : 1574.2/19

Left In: 66.080 +/- 0.334 χ^2/NDF : 266.5/7

67.911 +/- 0.288 χ^2/NDF : 3191.0/25

69.939 +/- 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: 6.247 ± 0.272 χ^2/NDF : 466.8/8

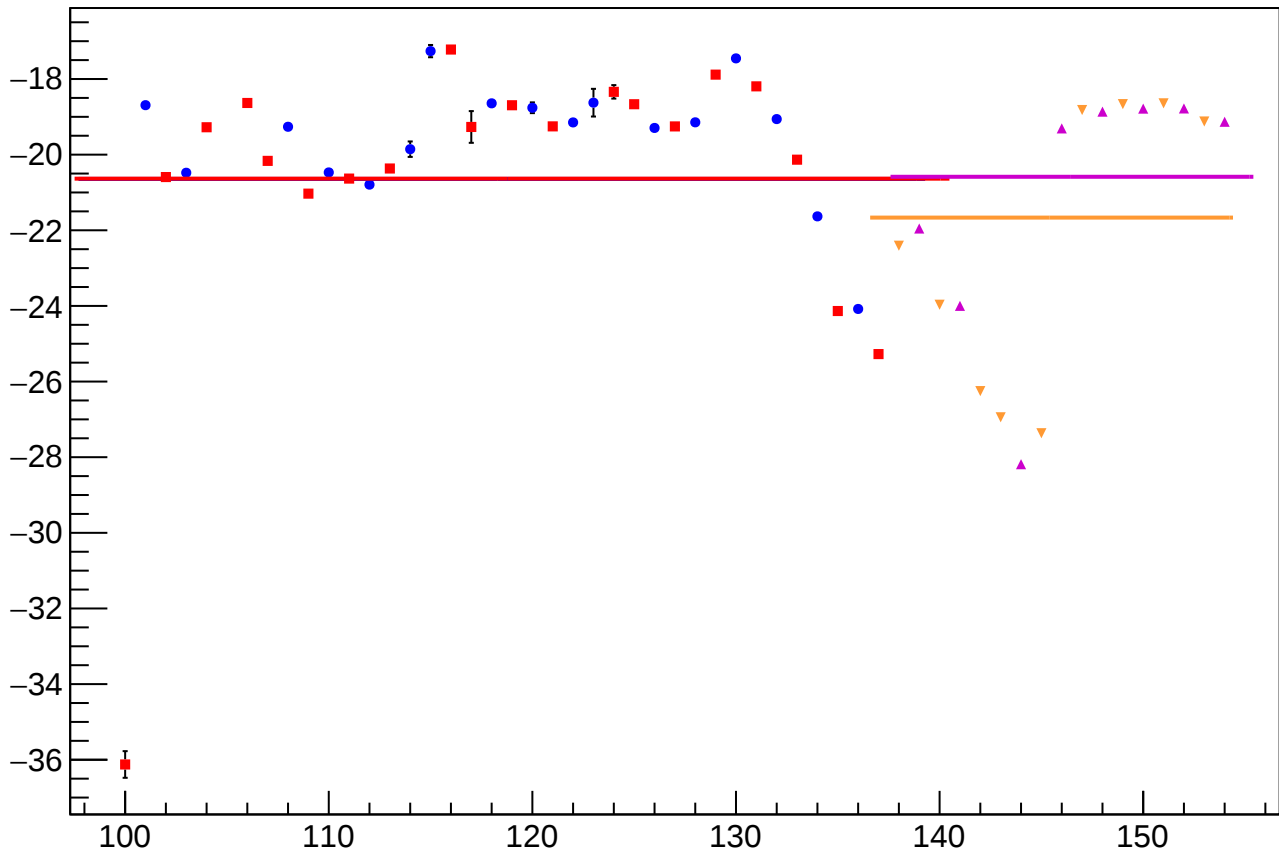
Right Out: 3.628 ± 0.374 χ^2/NDF : 424.8/19

Left In: 5.749 ± 0.279 χ^2/NDF : 346.6/7

5.953 ± 0.217 χ^2/NDF : 857.3/25

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: -21.664 ± 0.014 $\chi^2/\text{NDF}: 59318.5/8$

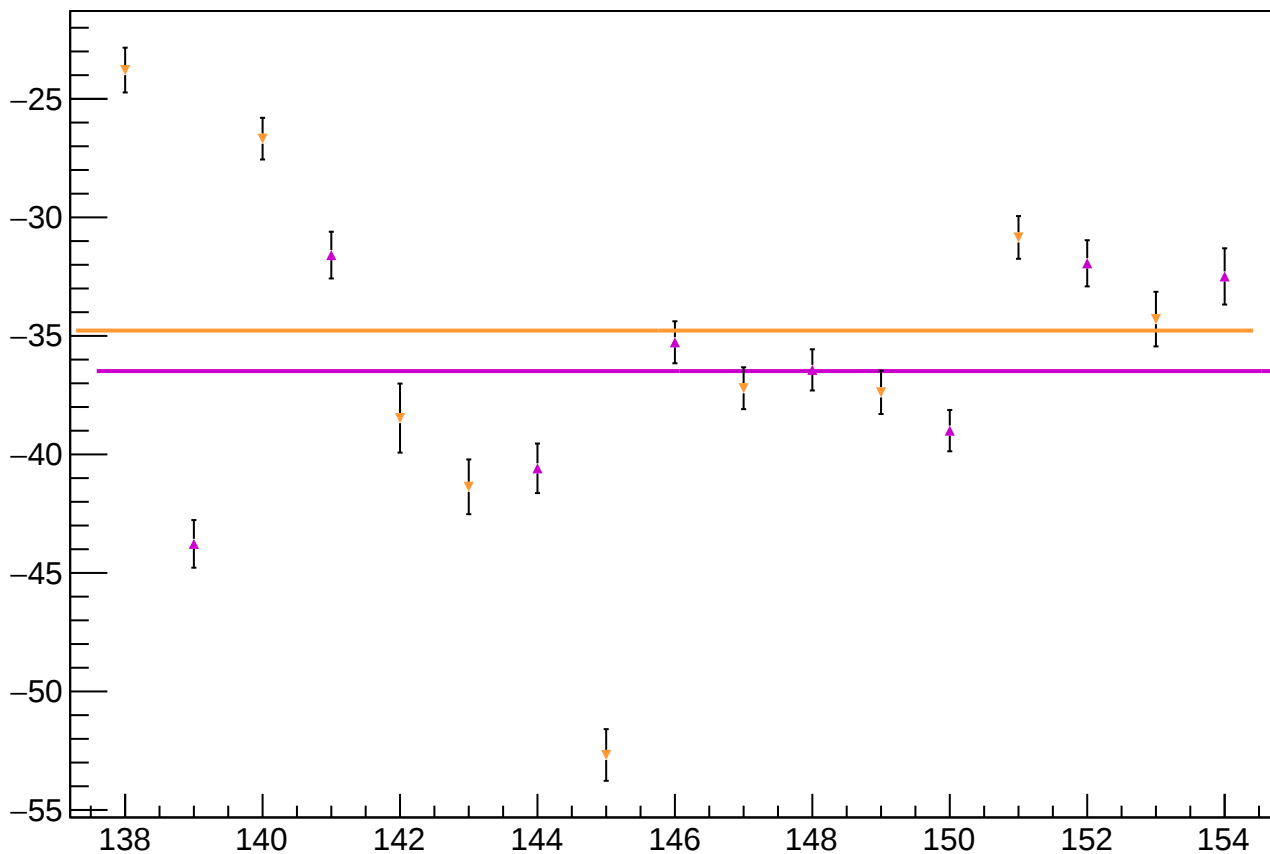
Right Out: -20.635 ± 0.019 $\chi^2/\text{NDF}: 13794.0/19$

Left In: -20.585 ± 0.014 $\chi^2/\text{NDF}: 41905.1/7$

-21.316 ± 0.011 $\chi^2/\text{NDF}: 73592.4/25$

-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: -34.775+/-0.334 χ^2/NDF : 563.9/8

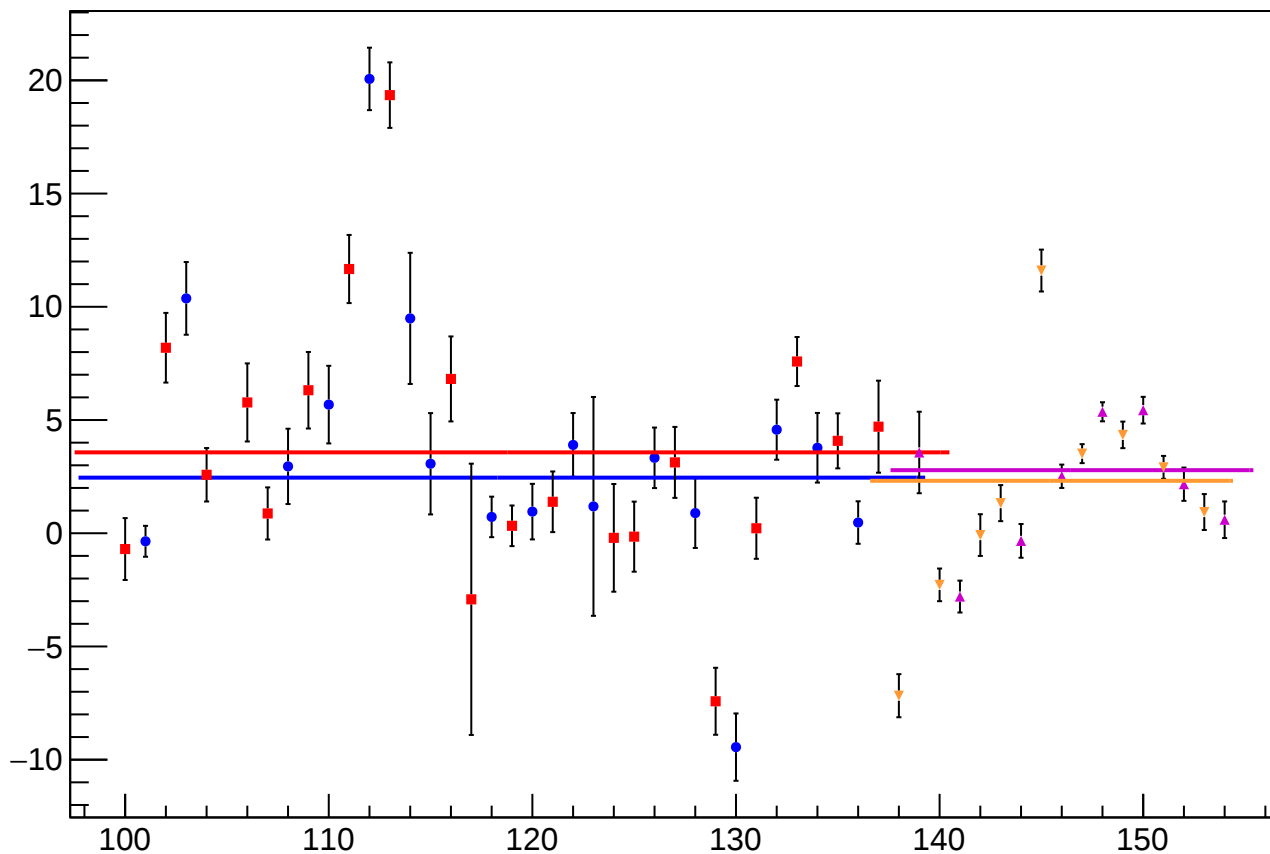
-34.775+/-0.334 χ^2/NDF : 563.9/8

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

Left In: -36.484+/-0.341 χ^2/NDF : 136.0/7

-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: 2.316 ± 0.218 χ^2/NDF : 273.8/8

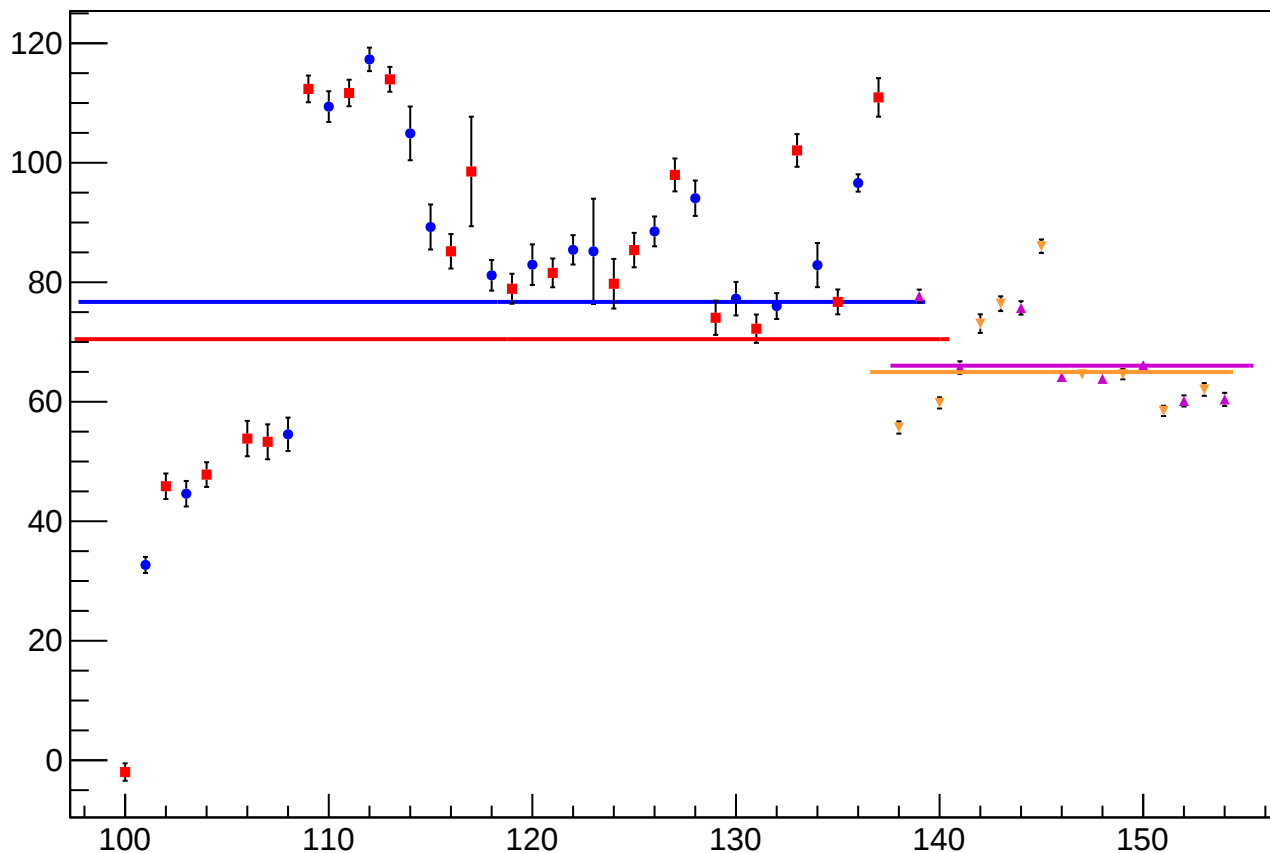
Right Out: 3.571 ± 0.317 χ^2/NDF : 281.0/19

Left In: 2.785 ± 0.225 χ^2/NDF : 146.7/7

2.361 ± 0.179 χ^2/NDF : 567.5/25

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: 64.974+/-0.333 χ^2/NDF : 632.9/8

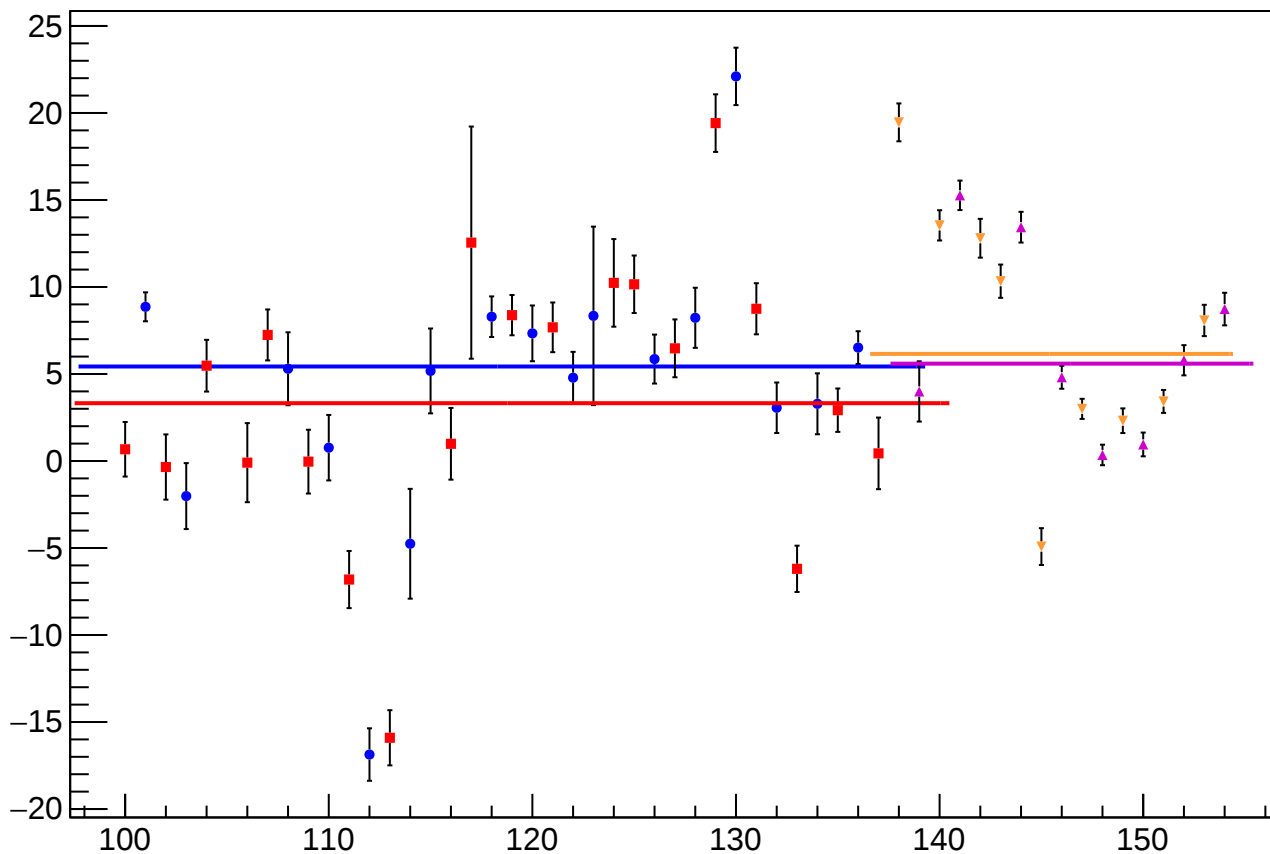
Right Out: 70.477+/-0.549 χ^2/NDF : 4400.1/19

Left In: 66.040+/-0.335 χ^2/NDF : 267.7/7

67.916+/-0.289 χ^2/NDF : 3210.4/25

67.242+/-0.286 χ^2/NDF : 4715.5/27

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.430 ± 0.361 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 6.154 ± 0.272 $\chi^2/\text{NDF}: 466.5/8$

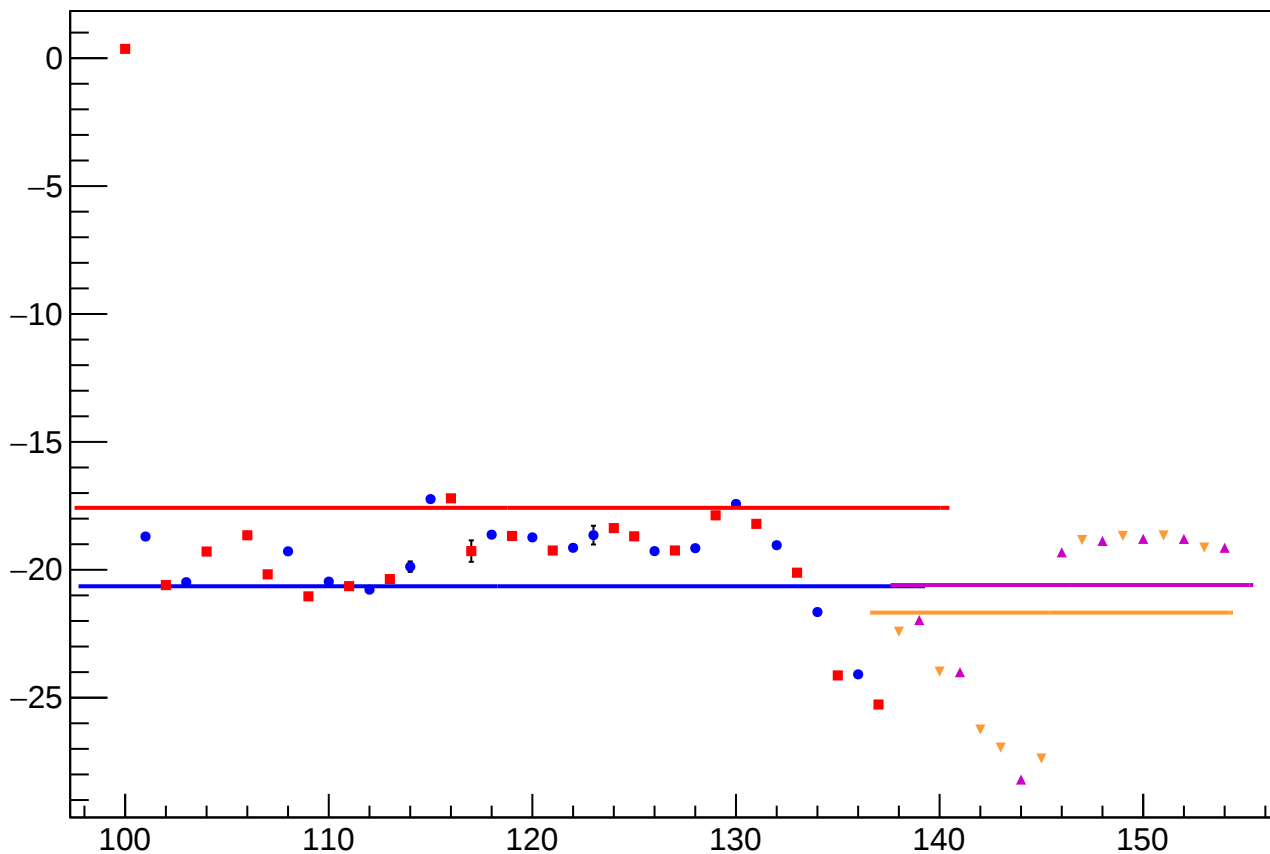
Right Out: 3.323 ± 0.365 $\chi^2/\text{NDF}: 428.0/19$

Left In: 5.595 ± 0.280 $\chi^2/\text{NDF}: 348.5/7$

5.891 ± 0.217 $\chi^2/\text{NDF}: 855.0/25$

4.754 ± 0.222 $\chi^2/\text{NDF}: 801.0/27$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.643±/0.019 χ^2/NDF : 12468.6/16

Left Out: -21.675±/0.014 χ^2/NDF : 59177.8/8

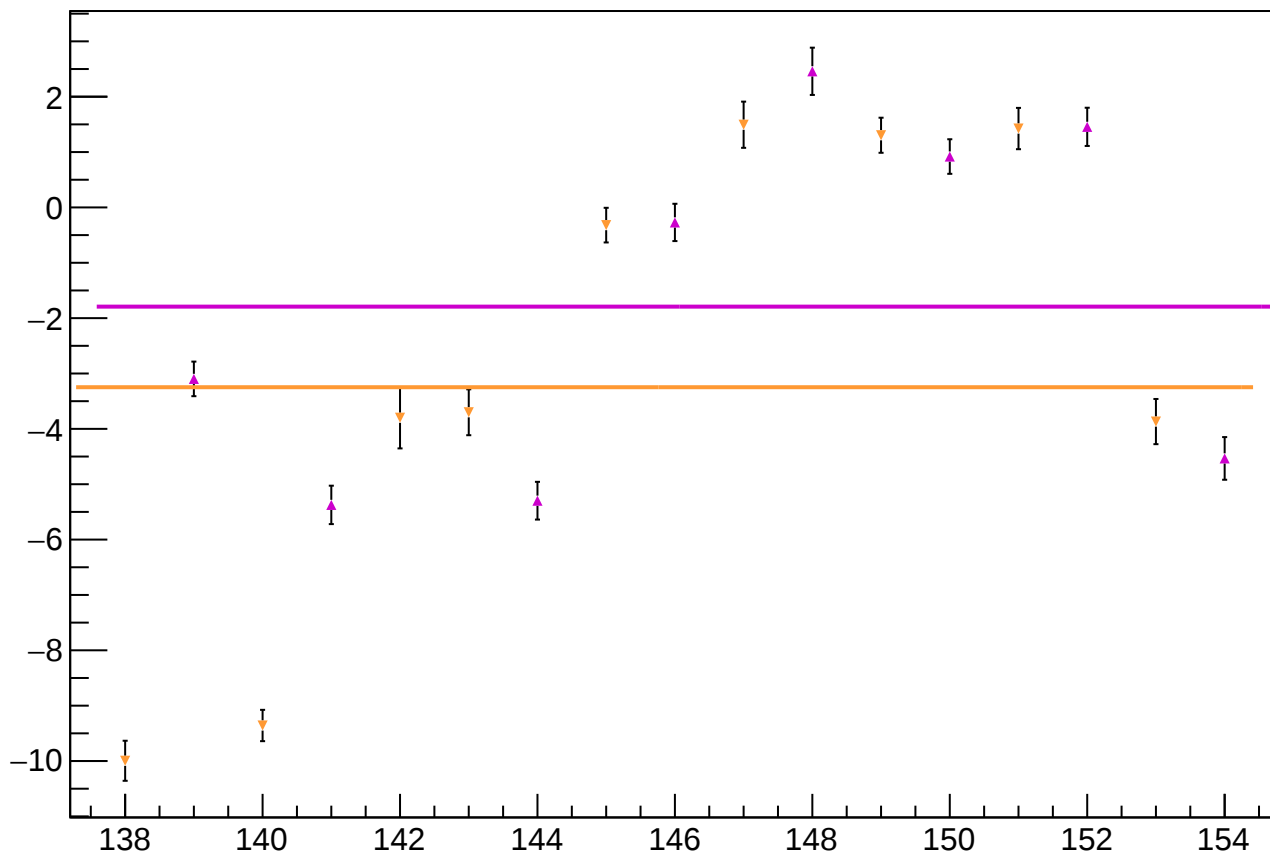
Right Out: -17.577±/0.018 χ^2/NDF : 178343.3/19

Left In: -20.595±/0.014 χ^2/NDF : 41859.2/7

-21.323±/0.011 χ^2/NDF : 73518.3/25

-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: -3.248+/-0.121 χ^2/NDF : 1398.8/8

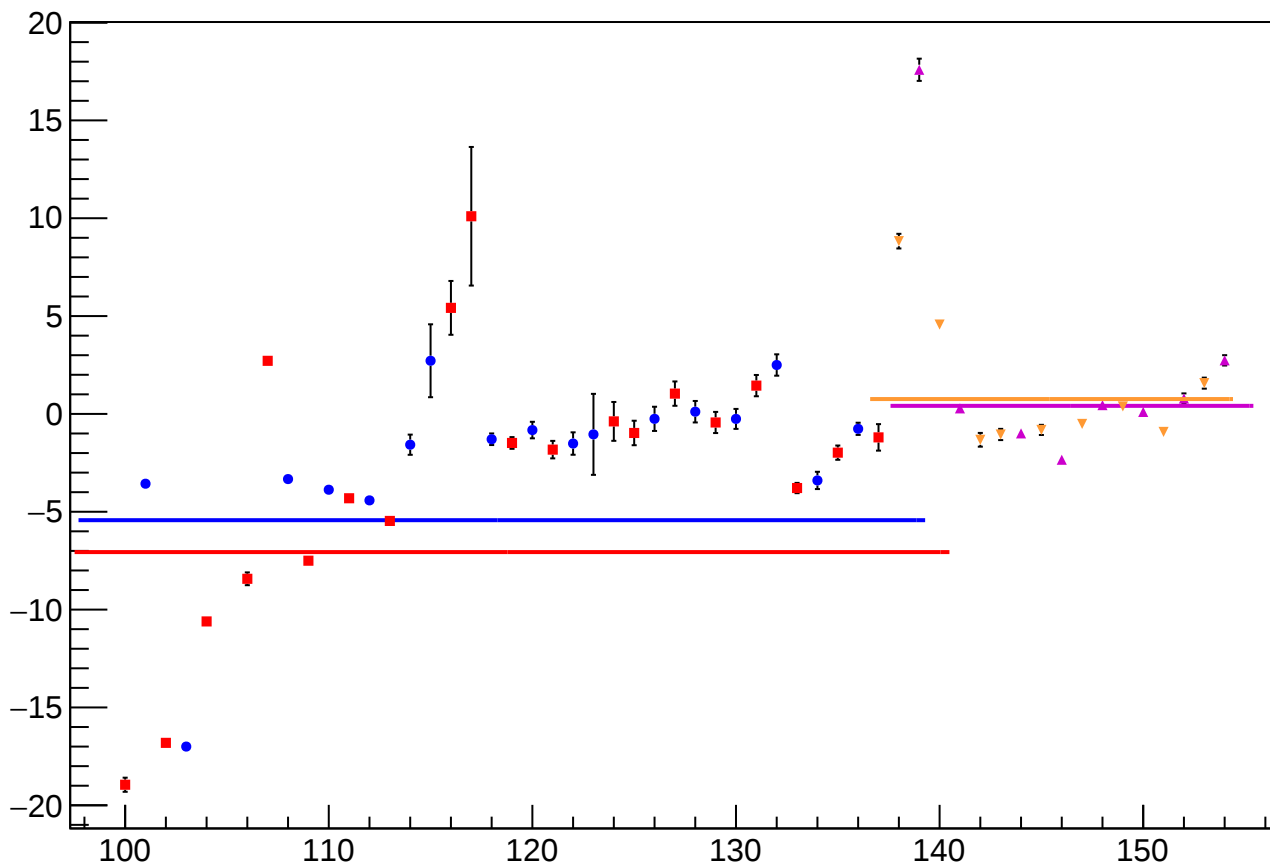
-3.248+/-0.121 χ^2/NDF : 1398.8/8

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

Left In: -1.792+/-0.122 χ^2/NDF : 563.8/7

-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

-3.579+/-0.046 χ^2/NDF : 13989.9/25

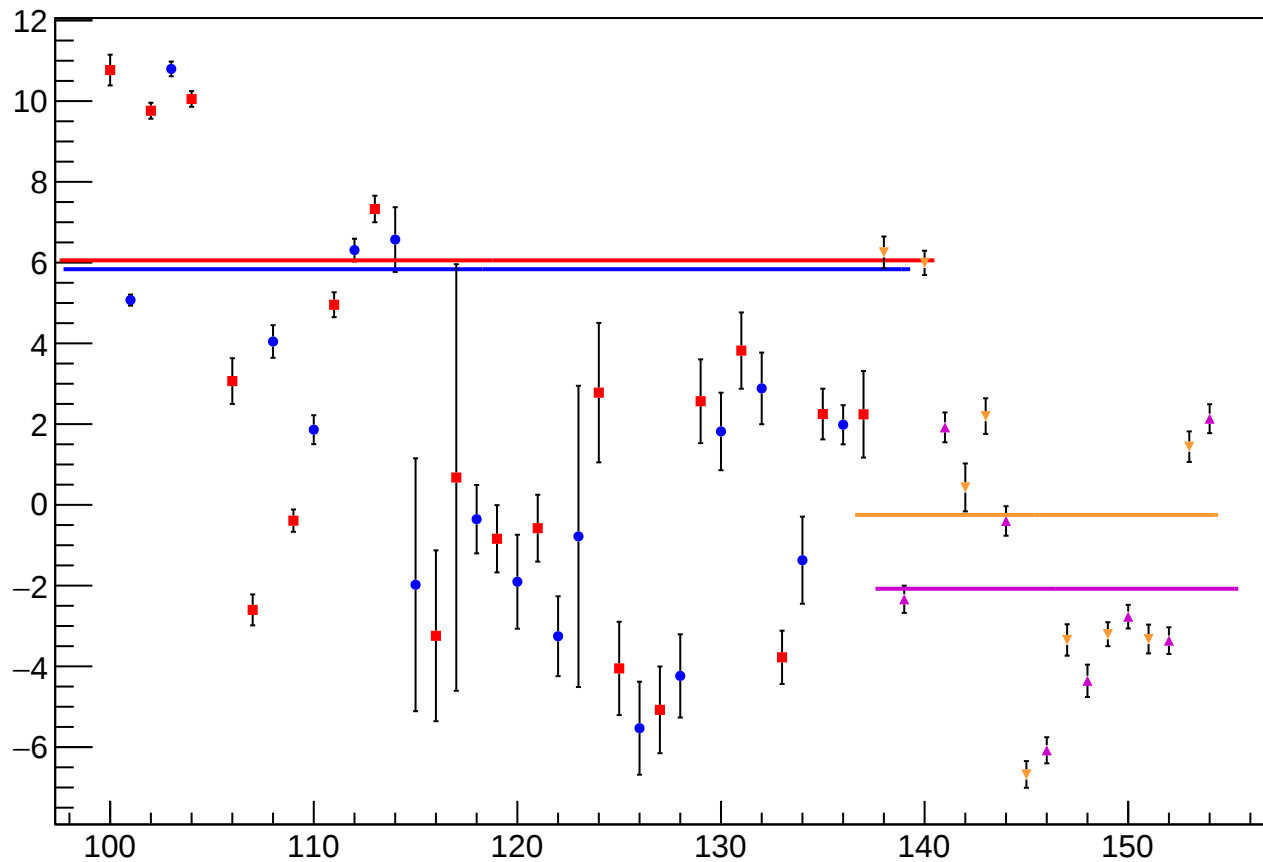
Left Out: 0.760+/-0.084 χ^2/NDF : 947.7/8

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 $\pm$ 0.090 χ^2/NDF : 1440.9/16

Left Out: -0.249 $\pm$ 0.122 χ^2/NDF :1370.5/8

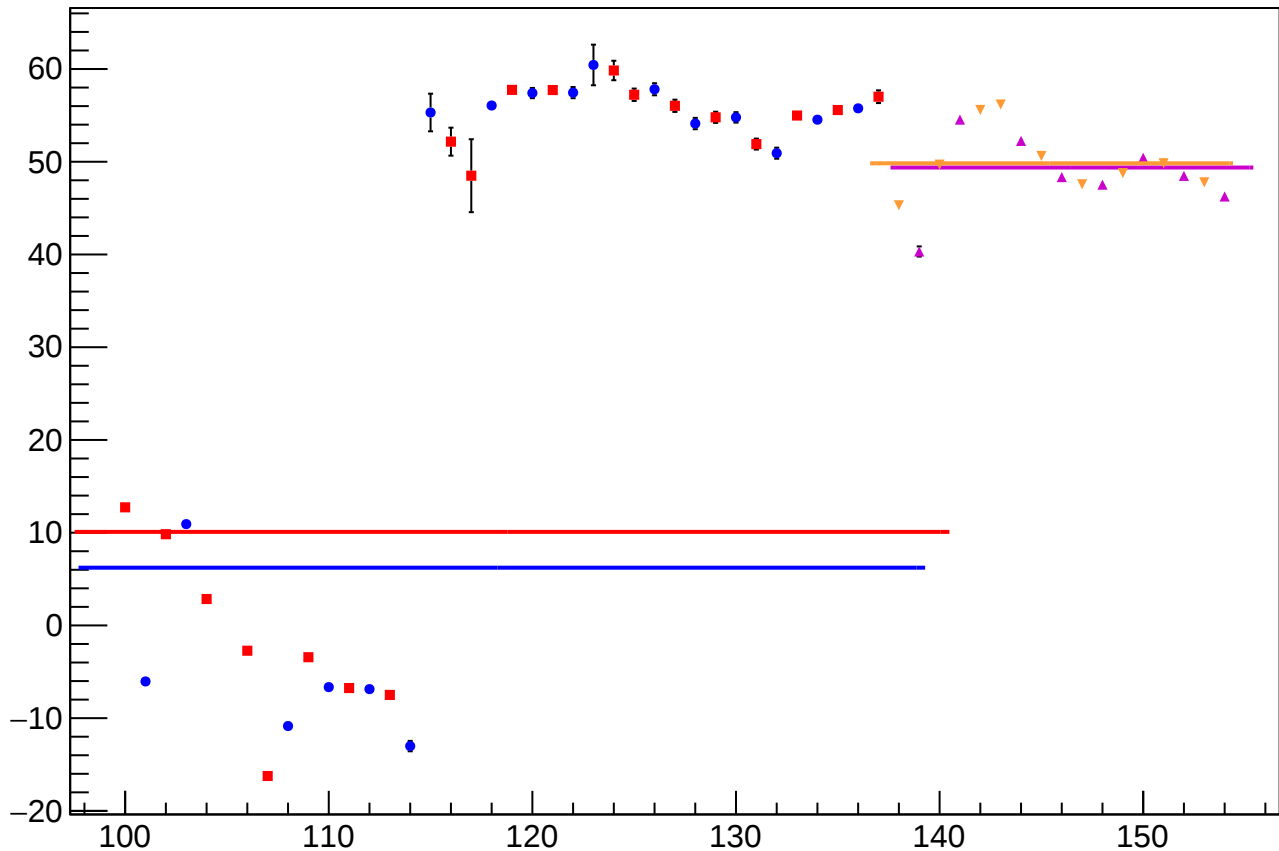
Right Out: 6.056 $\pm$ 0.093 χ^2/NDF : 2669.9/19

Left In: -2.078 $\pm$ 0.121 χ^2/NDF :484.0/7

3.697 $\pm$ 0.072 χ^2/NDF : 4430.9/25

3.027 $\pm$ 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: 49.835 $\pm$ 0.102 χ^2/NDF : 772.5/8

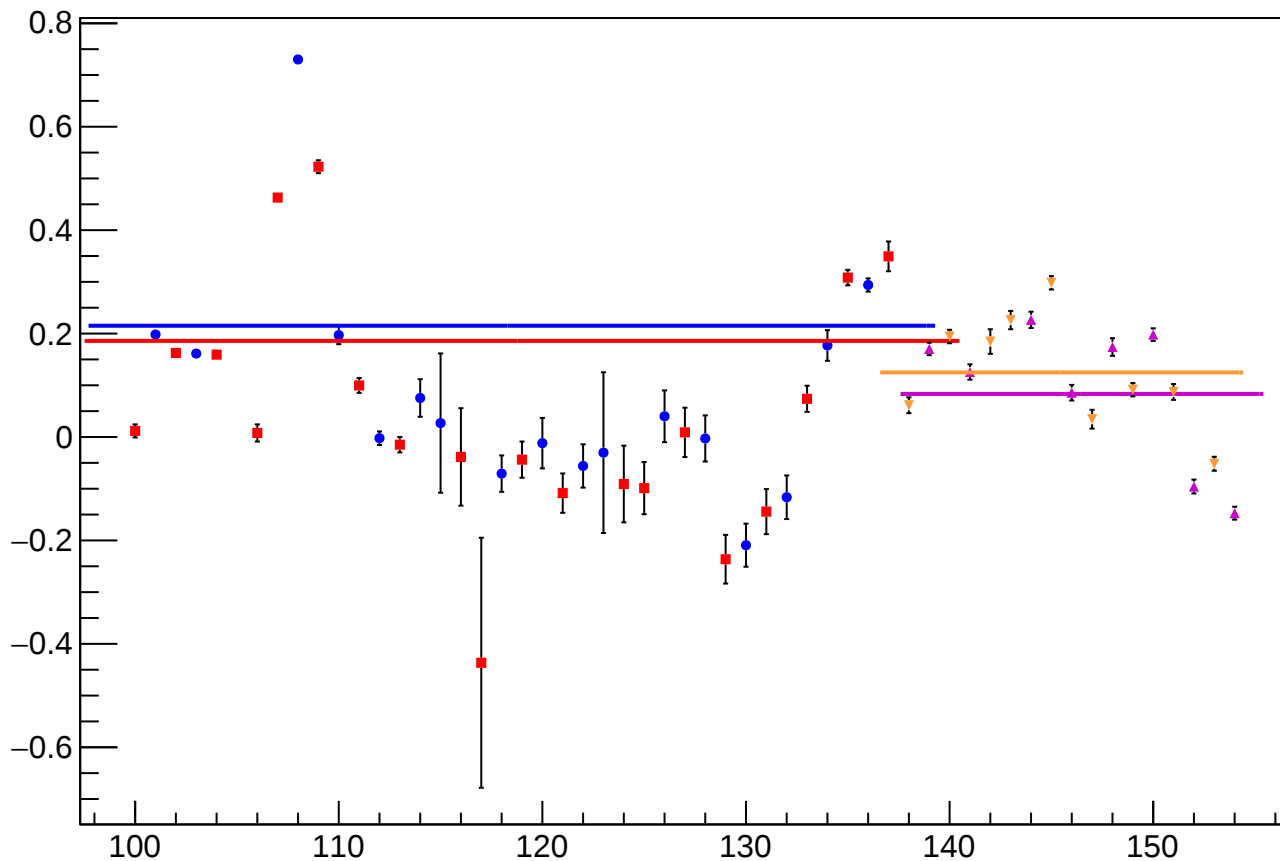
Right Out: 10.087 $\pm$ 0.070 χ^2/NDF : 122144.7/19

Left In: 49.376 $\pm$ 0.105 χ^2/NDF : 860.3/7

18.700 $\pm$ 0.055 χ^2/NDF : 251152.6/25

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: 0.125 $\pm$ 0.005 χ^2 /NDF: 470.9/8

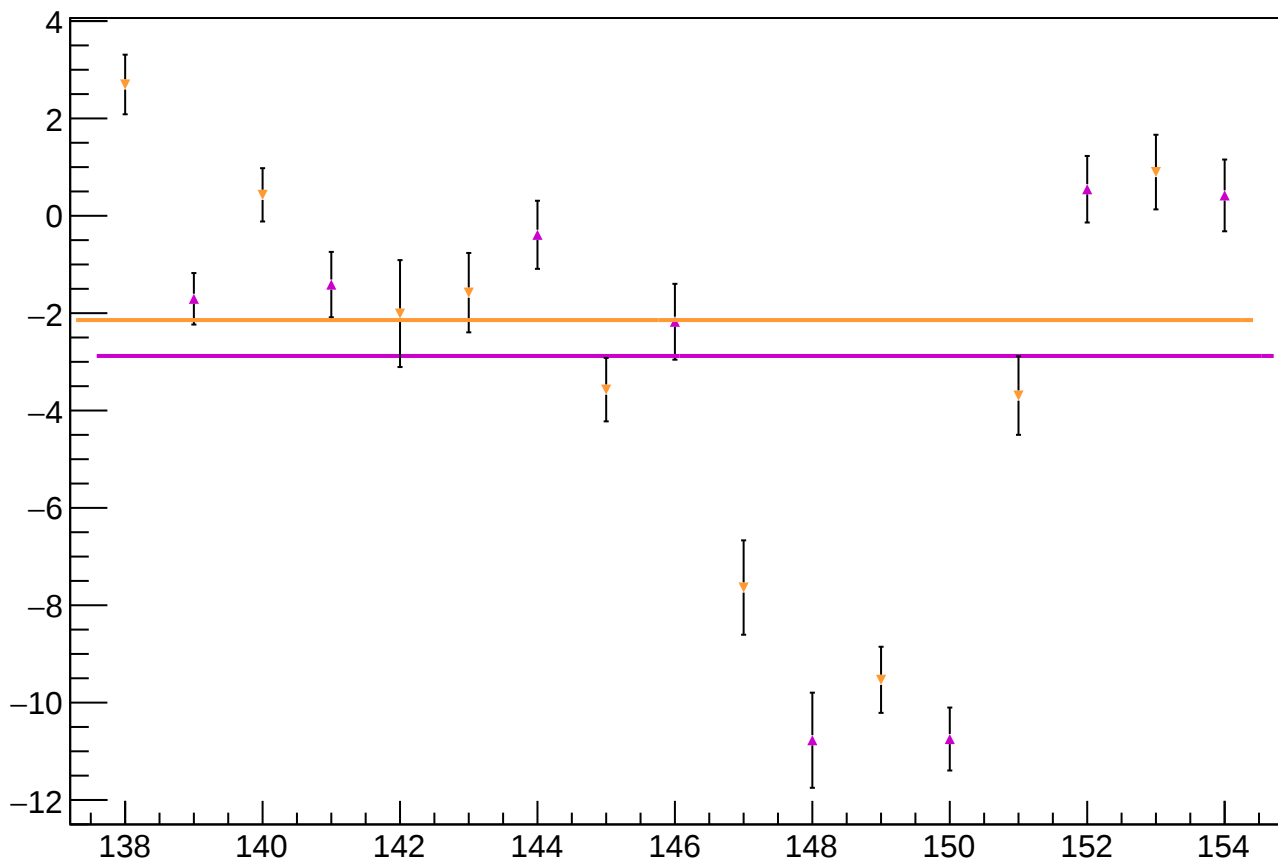
Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2724.7/19

Left In: 0.083 $\pm$ 0.005 χ^2 /NDF: 775.6/7

0.194 $\pm$ 0.002 χ^2 /NDF: 4646.0/25

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: -2.142+/-0.241 χ^2/NDF : 259.9/8

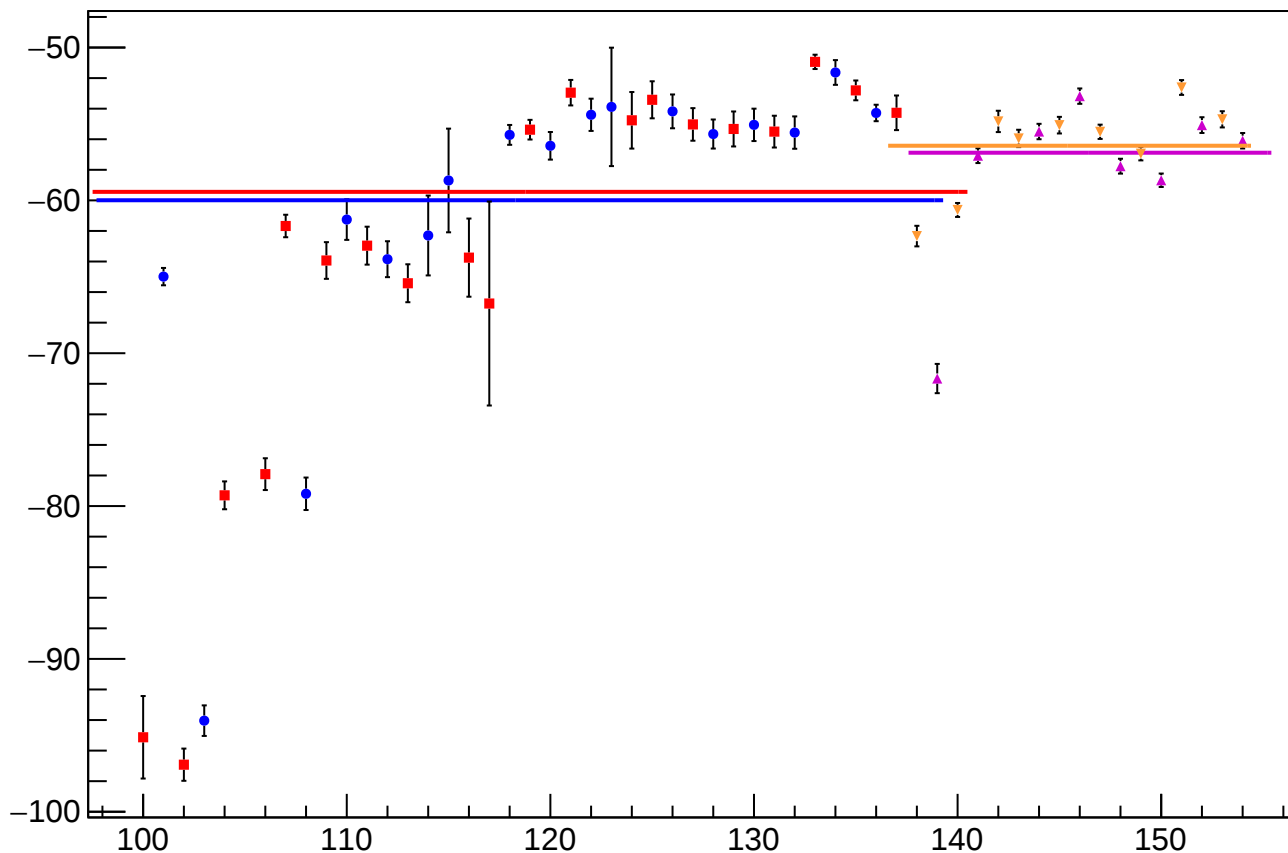
-2.142+/-0.241 χ^2/NDF : 259.9/8

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

-2.879+/-0.243 χ^2/NDF : 281.7/7

Left In: -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: -56.425 ± 0.174 χ^2/NDF : 251.1/8

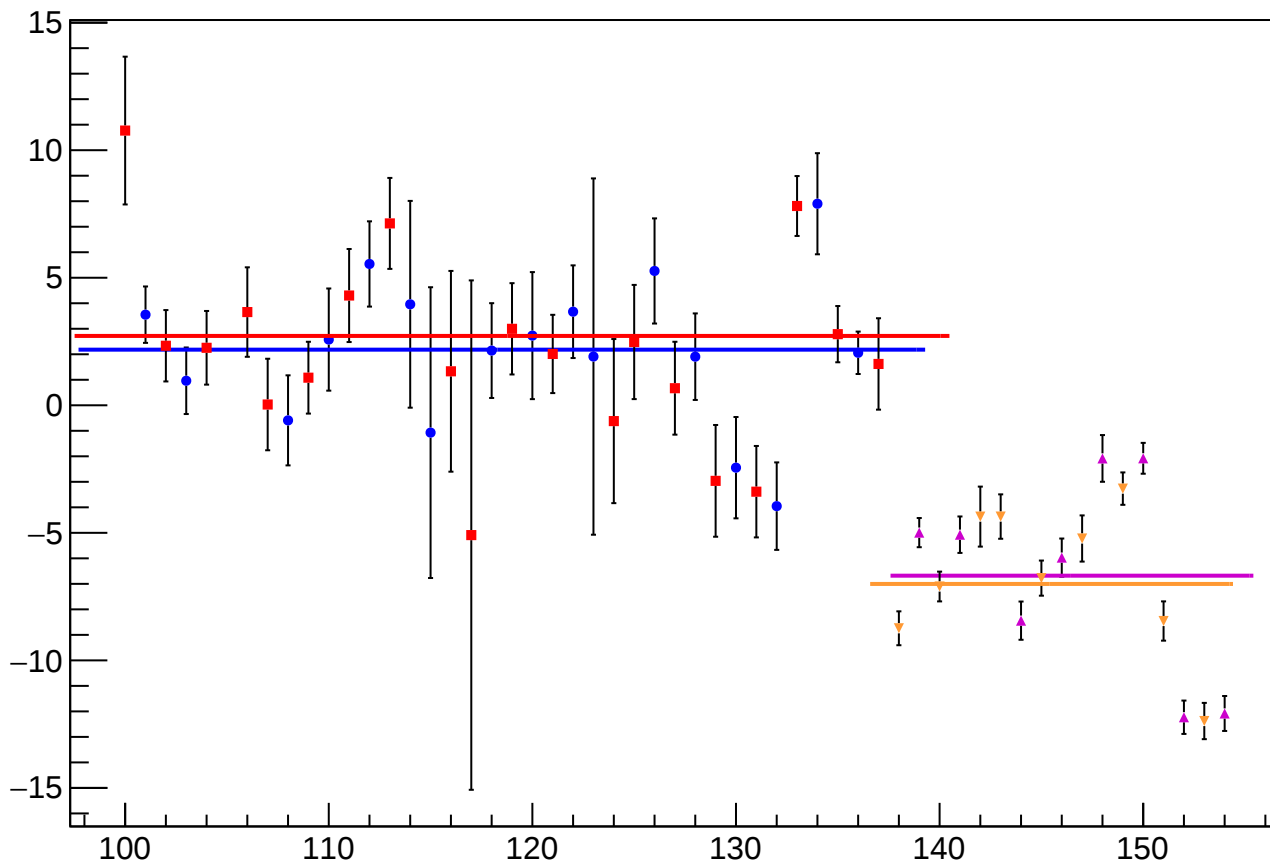
Right Out: -59.442 ± 0.212 χ^2/NDF : 2919.1/19

Left In: -56.882 ± 0.182 χ^2/NDF : 334.9/7

-57.759 ± 0.138 χ^2/NDF : 2381.4/25

-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: -7.004 ± 0.245 $\chi^2/\text{NDF}: 120.4/8$

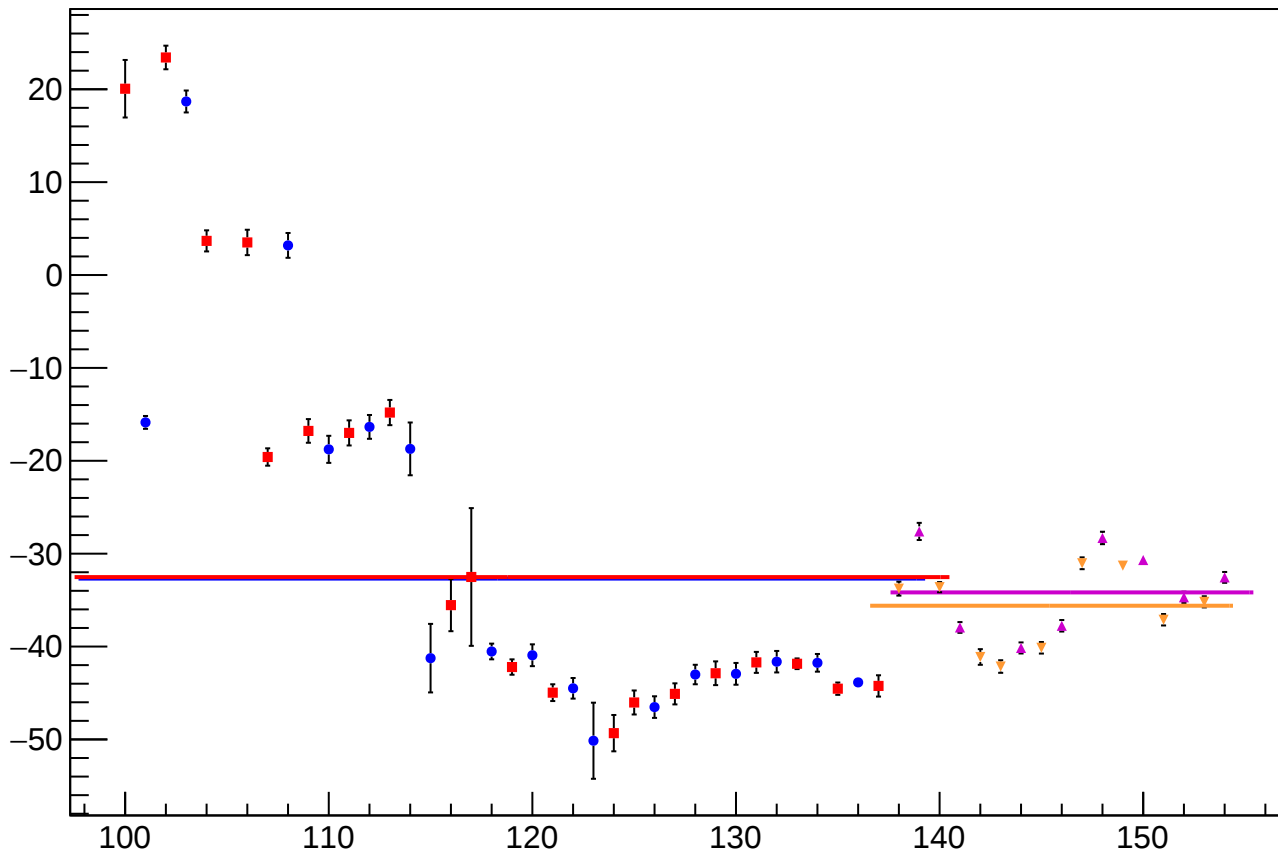
Right Out: 2.719 ± 0.388 $\chi^2/\text{NDF}: 59.5/19$

Left In: -6.680 ± 0.243 $\chi^2/\text{NDF}: 237.5/7$

-4.555 ± 0.209 $\chi^2/\text{NDF}: 535.4/25$

-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: -35.605 ± 0.210 $\chi^2/\text{NDF}: 332.6/8$

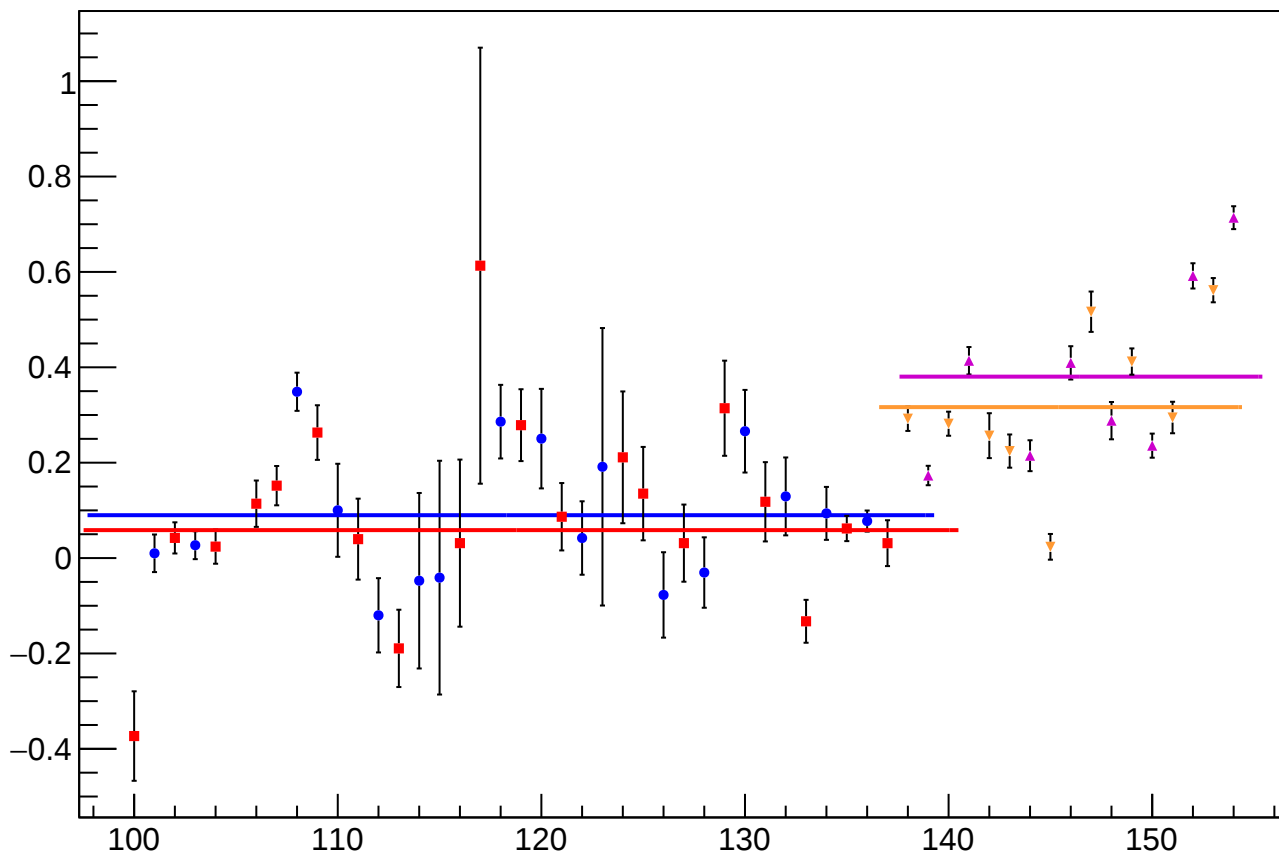
Right Out: -32.523 ± 0.244 $\chi^2/\text{NDF}: 6045.3/19$

Left In: -34.171 ± 0.216 $\chi^2/\text{NDF}: 359.8/7$

-34.428 ± 0.162 $\chi^2/\text{NDF}: 5057.5/25$

-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: 0.317 ± 0.010 χ^2/NDF : 257.2/8

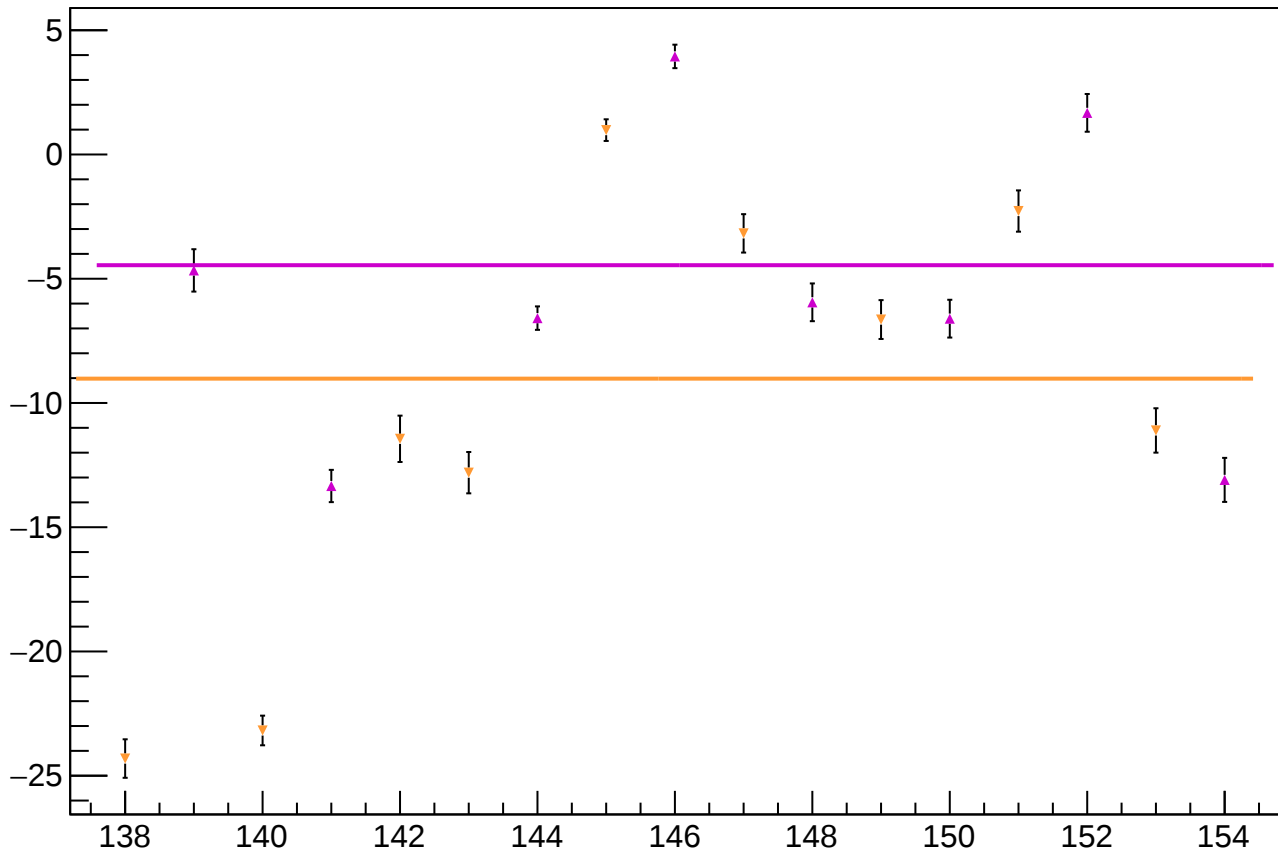
Right Out: 0.059 ± 0.012 χ^2/NDF : 88.6/19

Left In: 0.380 ± 0.010 χ^2/NDF : 426.8/7

0.231 ± 0.008 χ^2/NDF : 532.3/25

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: -9.021+/-0.233 χ^2/NDF : 1644.0/8

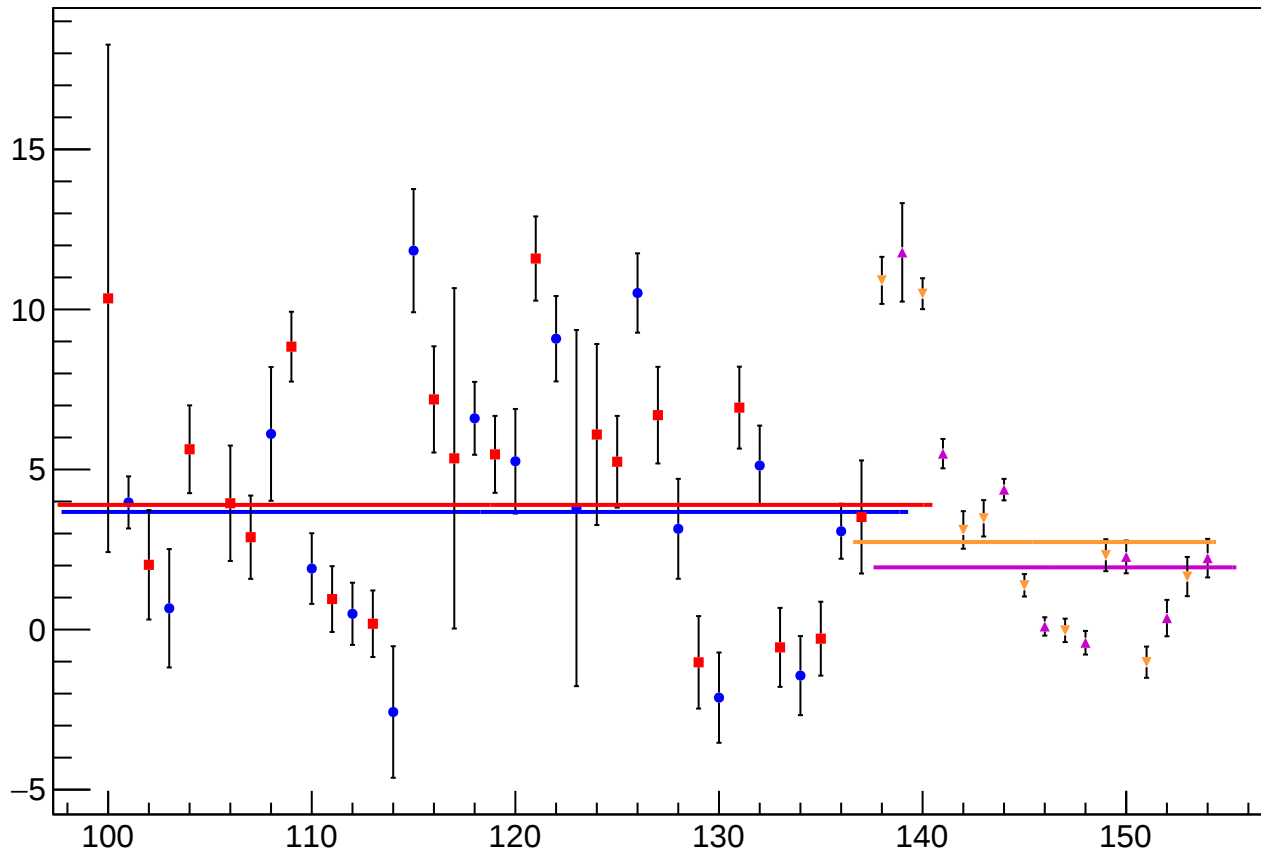
-9.021+/-0.233 χ^2/NDF : 1644.0/8

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

-4.456+/-0.228 χ^2/NDF : 695.9/7

Left In: -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: 2.734 ± 0.161 χ^2/NDF : 519.1/8

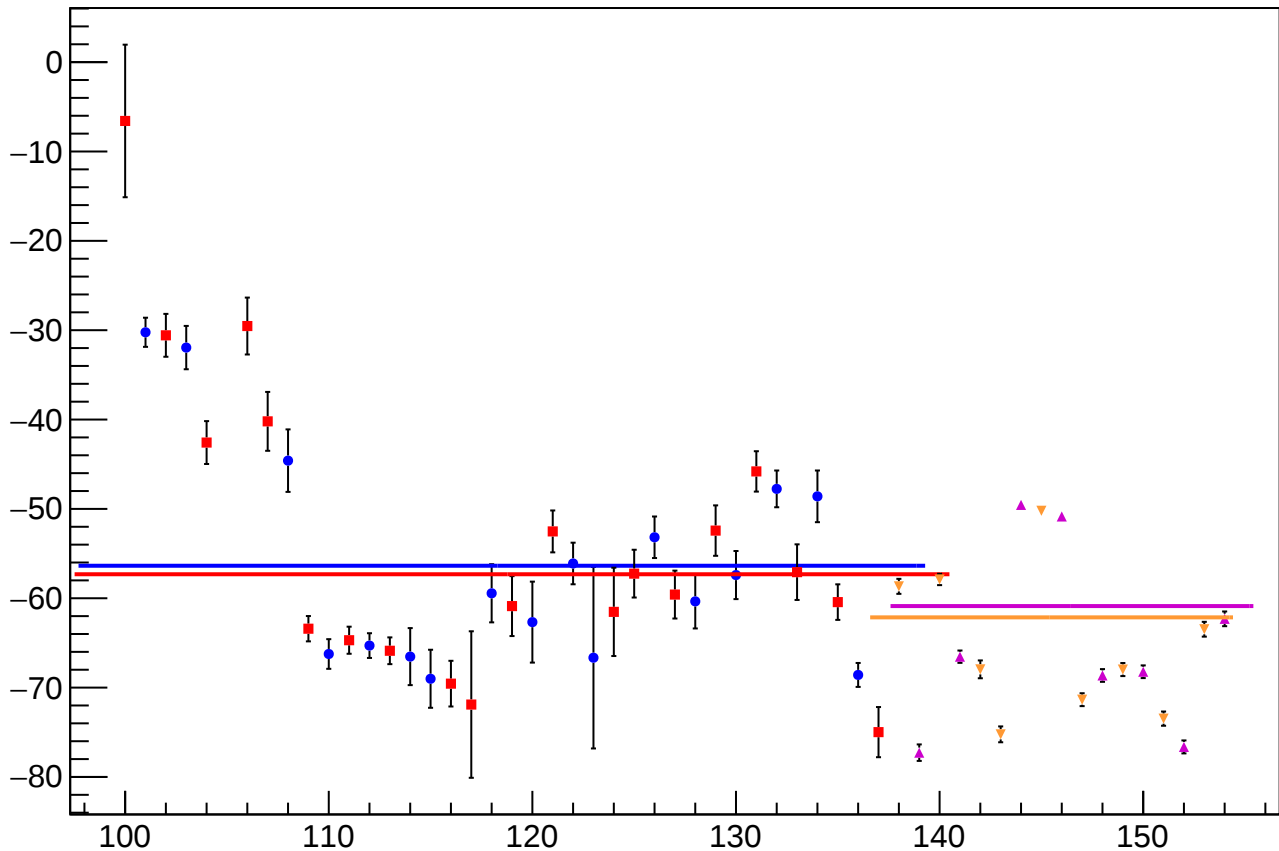
Right Out: 3.895 ± 0.316 χ^2/NDF : 133.8/19

Left In: 1.943 ± 0.152 χ^2/NDF : 243.5/7

2.933 ± 0.143 χ^2/NDF : 661.5/25

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: -62.139 ± 0.238 χ^2/NDF : 1407.2/8

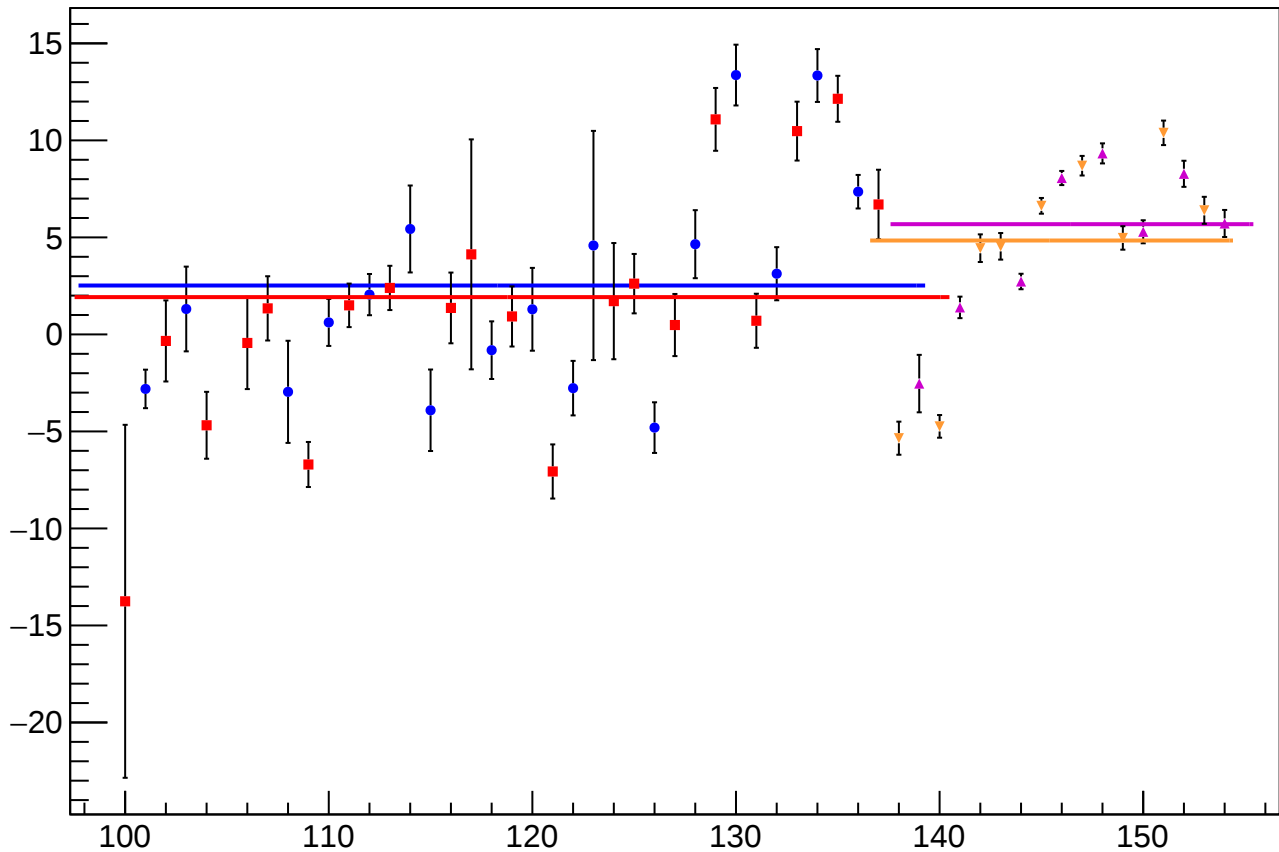
Right Out: -57.314 ± 0.535 χ^2/NDF : 479.2/19

Left In: -60.875 ± 0.227 χ^2/NDF : 2072.0/7

-61.208 ± 0.218 χ^2/NDF : 2089.3/25

-60.330 ± 0.209 χ^2/NDF : 2588.7/27

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.520 $\pm$ 0.347 χ^2 /NDF: 242.3/16

Left Out: 4.840 $\pm$ 0.197 χ^2 /NDF: 572.1/8

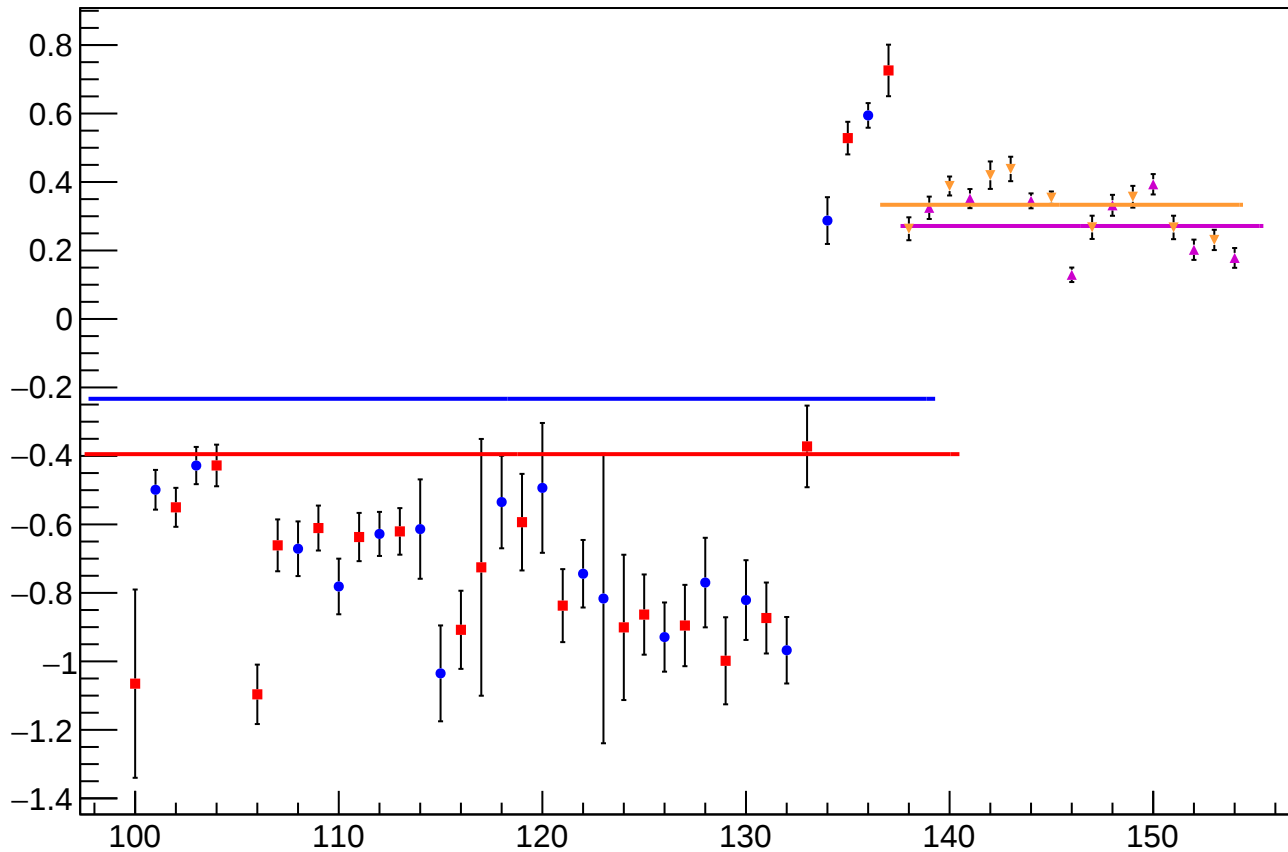
Right Out: 1.922 $\pm$ 0.354 χ^2 /NDF: 264.7/19

Left In: 5.681 $\pm$ 0.188 χ^2 /NDF: 253.3/7

4.274 $\pm$ 0.171 χ^2 /NDF: 848.2/25

4.857 $\pm$ 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: 0.333+/-0.010 χ^2/NDF : 42.9/8

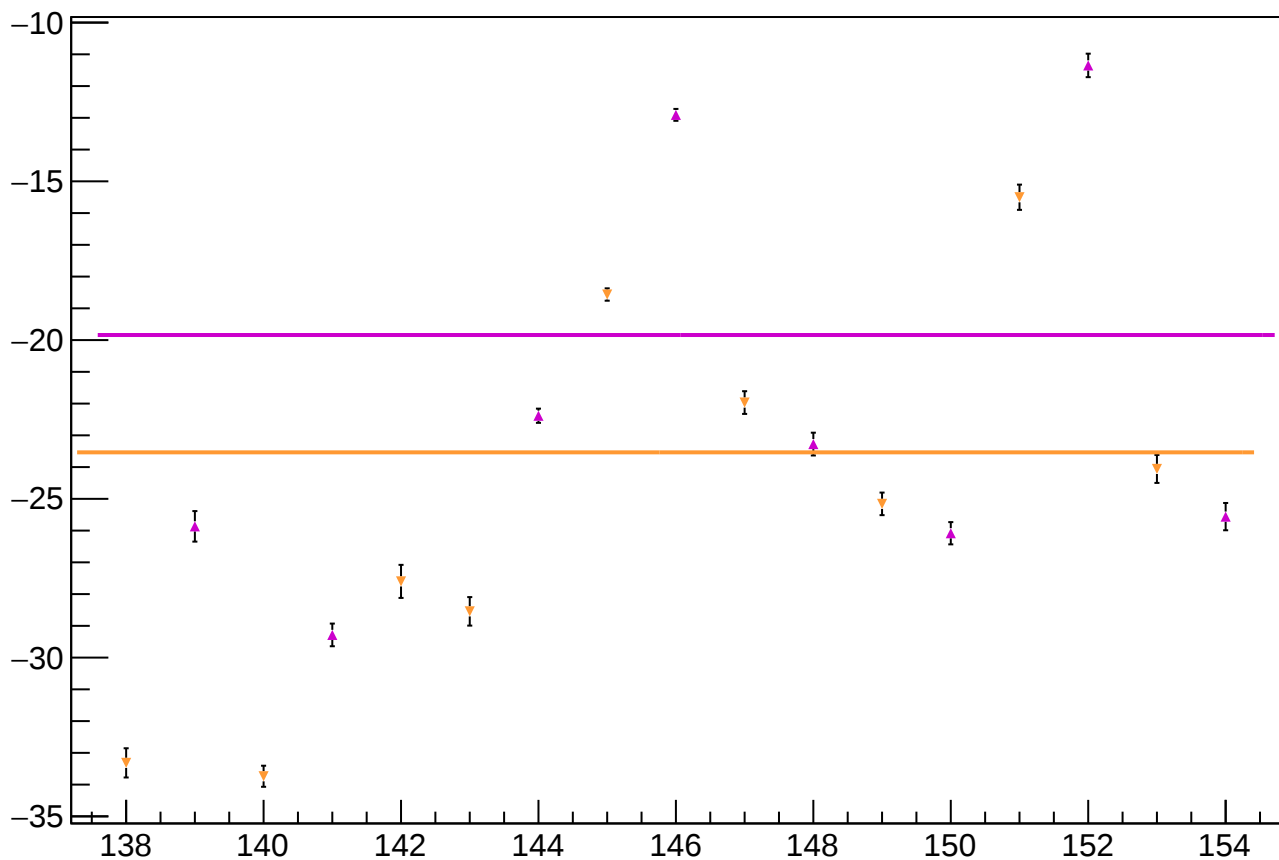
Right Out: -0.395+/-0.019 χ^2/NDF : 845.9/19

Left In: 0.272+/-0.009 χ^2/NDF : 104.1/7

0.214+/-0.009 χ^2/NDF : 1708.6/25

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: -23.536+/-0.115 χ^2/NDF : 2682.4/8

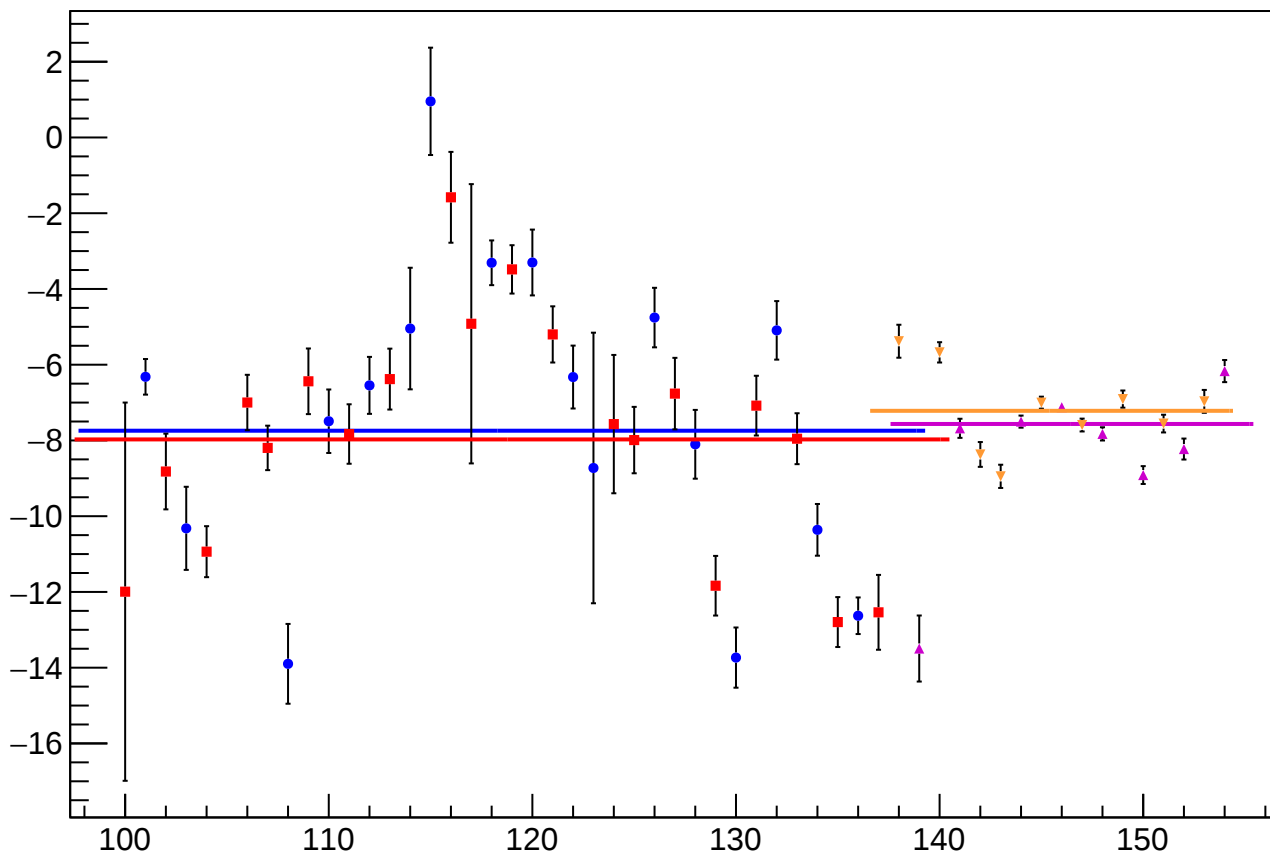
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.840+/-0.106 χ^2/NDF : 3468.2/7

-23.536+/-0.115 χ^2/NDF : 2682.4/8

-19.840+/-0.106 χ^2/NDF : 3468.2/7

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.743+/-0.187 χ^2/NDF : 377.5/16

Left Out: -7.218+/-0.079 χ^2/NDF : 106.5/8

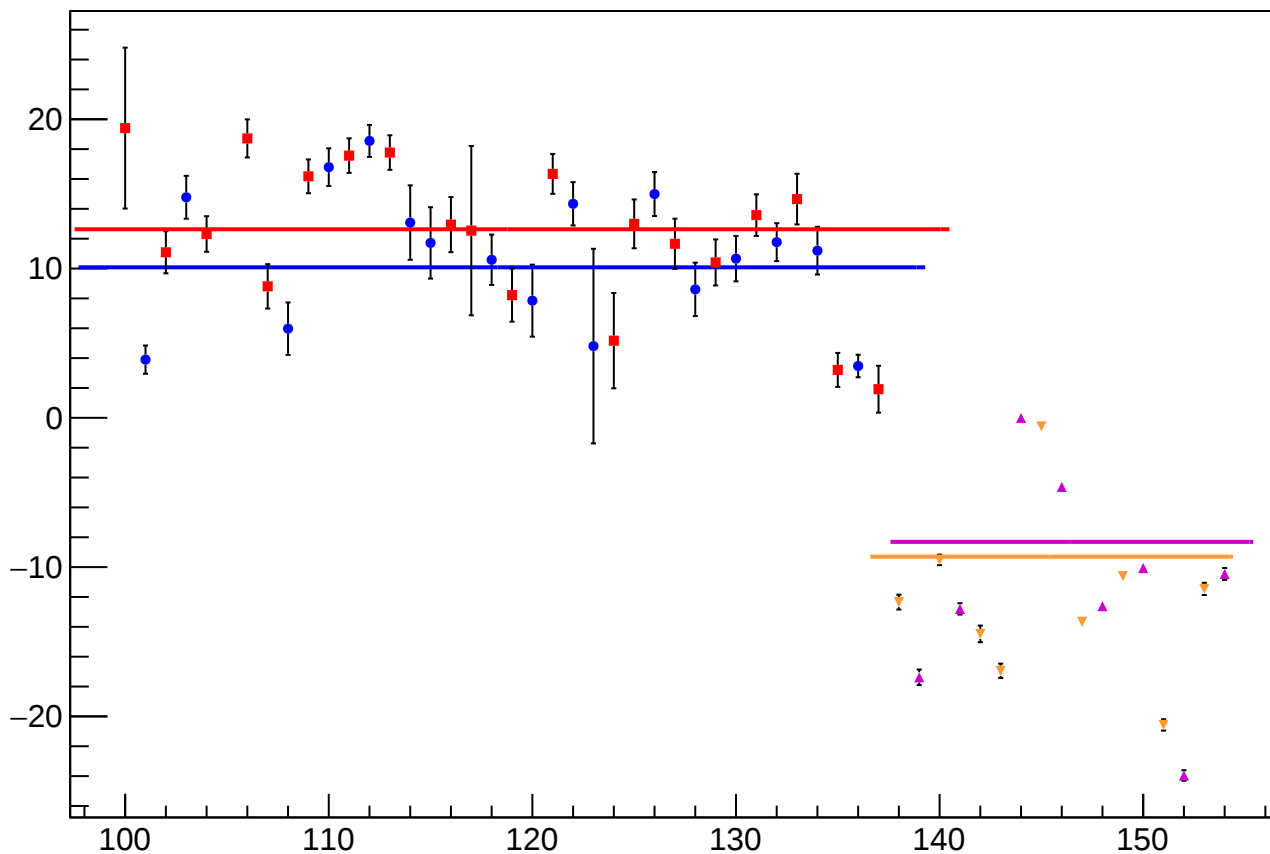
Right Out: -7.973+/-0.186 χ^2/NDF : 224.2/19

Left In: -7.565+/-0.070 χ^2/NDF : 124.6/7

-7.296+/-0.072 χ^2/NDF : 490.8/25

-7.615+/-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: -9.301 ± 0.116 χ^2/NDF : 3262.1/8

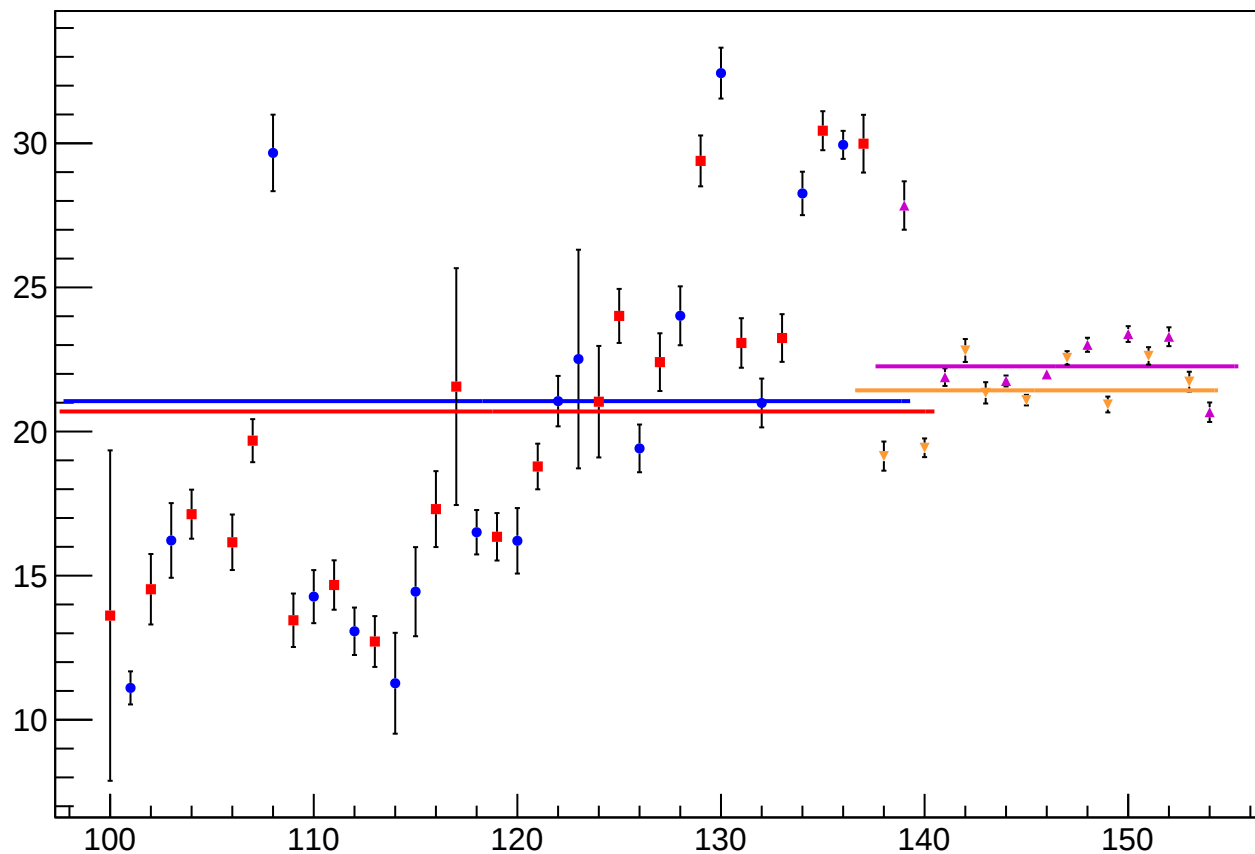
Right Out: 12.631 ± 0.332 χ^2/NDF : 218.6/19

Left In: -8.309 ± 0.105 χ^2/NDF : 4236.9/7

-7.252 ± 0.110 χ^2/NDF : 6457.5/25

-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: 21.428 $\pm$ 0.096 χ^2 /NDF:116.4/8

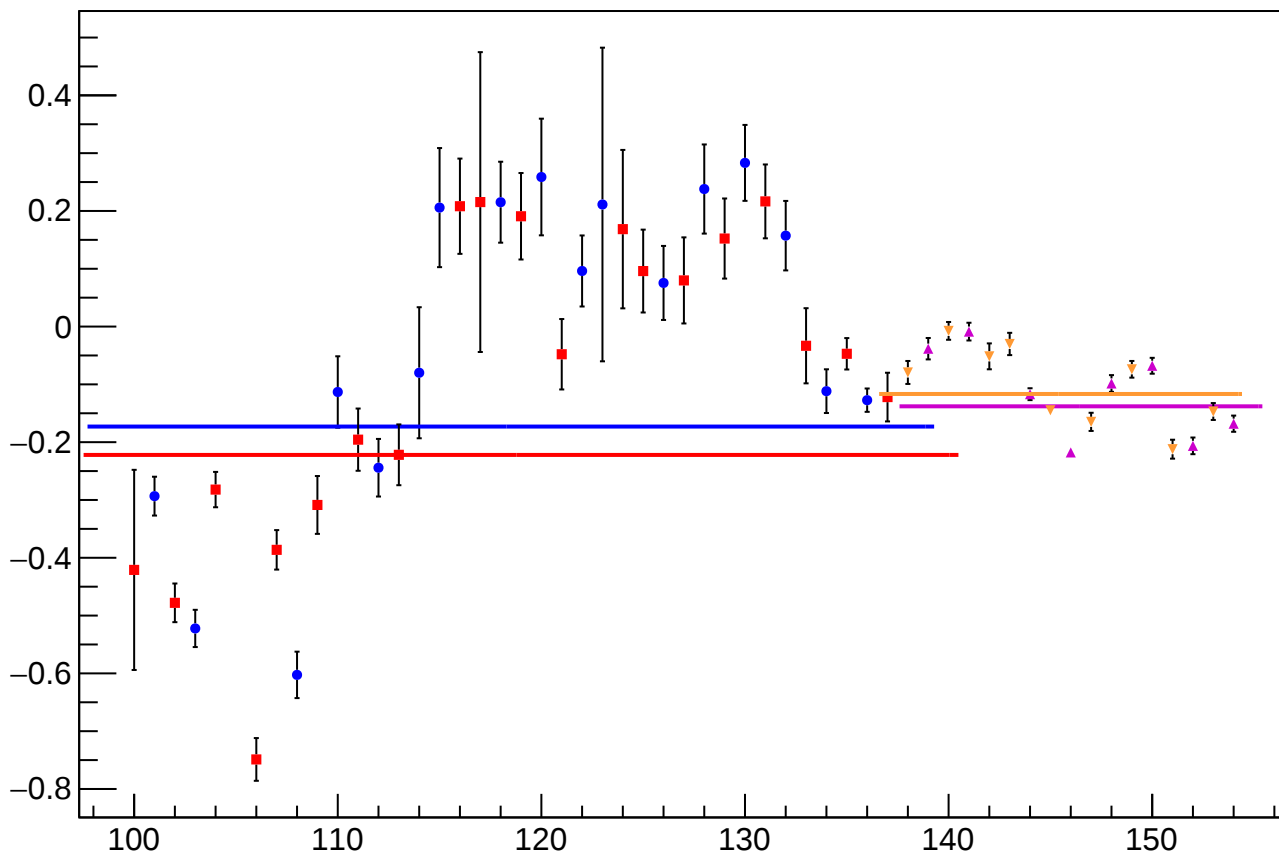
Right Out: 20.696 $\pm$ 0.212 χ^2 /NDF: 724.1/19

Left In: 22.262 $\pm$ 0.086 χ^2 /NDF:114.6/7

21.364 $\pm$ 0.088 χ^2 /NDF: 1330.8/25

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: -0.117 ± 0.005 $\chi^2/\text{NDF}: 151.0/8$

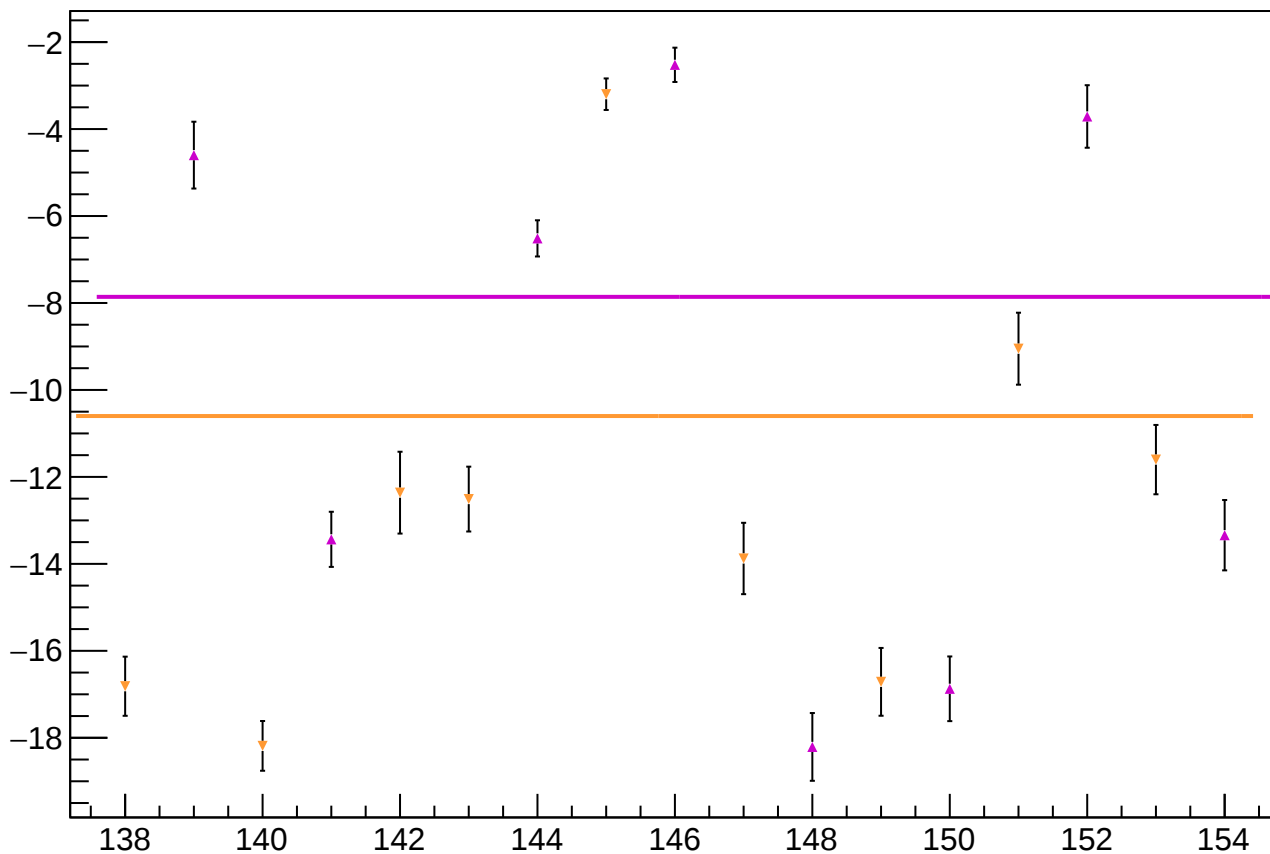
Right Out: -0.222 ± 0.011 $\chi^2/\text{NDF}: 538.0/19$

Left In: -0.138 ± 0.004 $\chi^2/\text{NDF}: 254.0/7$

-0.125 ± 0.004 $\chi^2/\text{NDF}: 634.2/25$

-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: -10.600+/-0.214 χ^2/NDF : 768.4/8

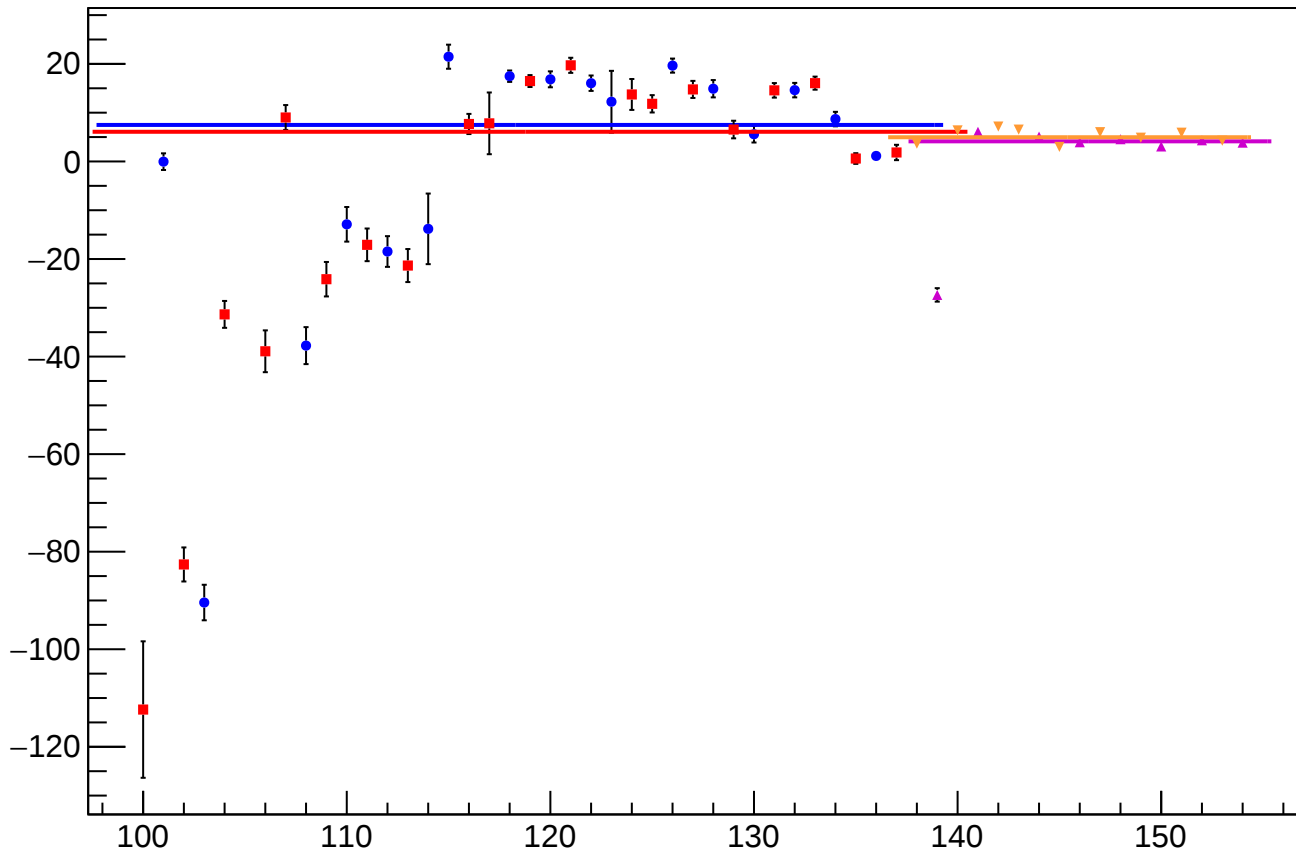
-10.600+/-0.214 χ^2/NDF : 768.4/8

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

Left In: -7.859+/-0.207 χ^2/NDF : 691.4/7

-7.859+/-0.207 χ^2/NDF : 691.4/7

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.488 ± 0.407 $\chi^2/\text{NDF}: 1340.5/16$

Left Out: 4.964 ± 0.151 $\chi^2/\text{NDF}: 96.0/8$

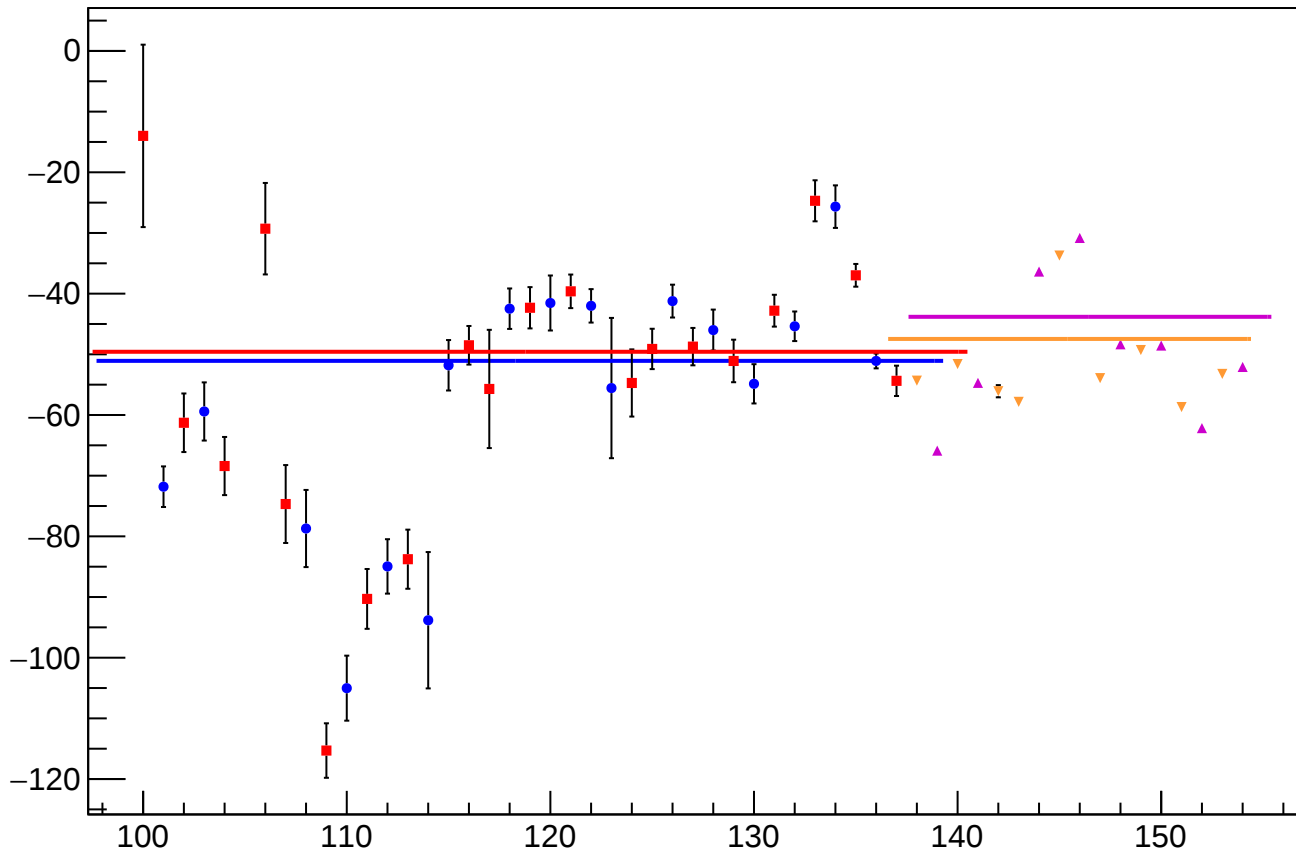
Right Out: 6.086 ± 0.433 $\chi^2/\text{NDF}: 1512.2/19$

Left In: 4.124 ± 0.141 $\chi^2/\text{NDF}: 555.3/7$

5.269 ± 0.141 $\chi^2/\text{NDF}: 1470.3/25$

4.312 ± 0.134 $\chi^2/\text{NDF}: 2086.0/27$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.077 ± 0.741 χ^2/NDF : 330.2/16

Left Out: -47.464 ± 0.219 χ^2/NDF : 1972.9/8

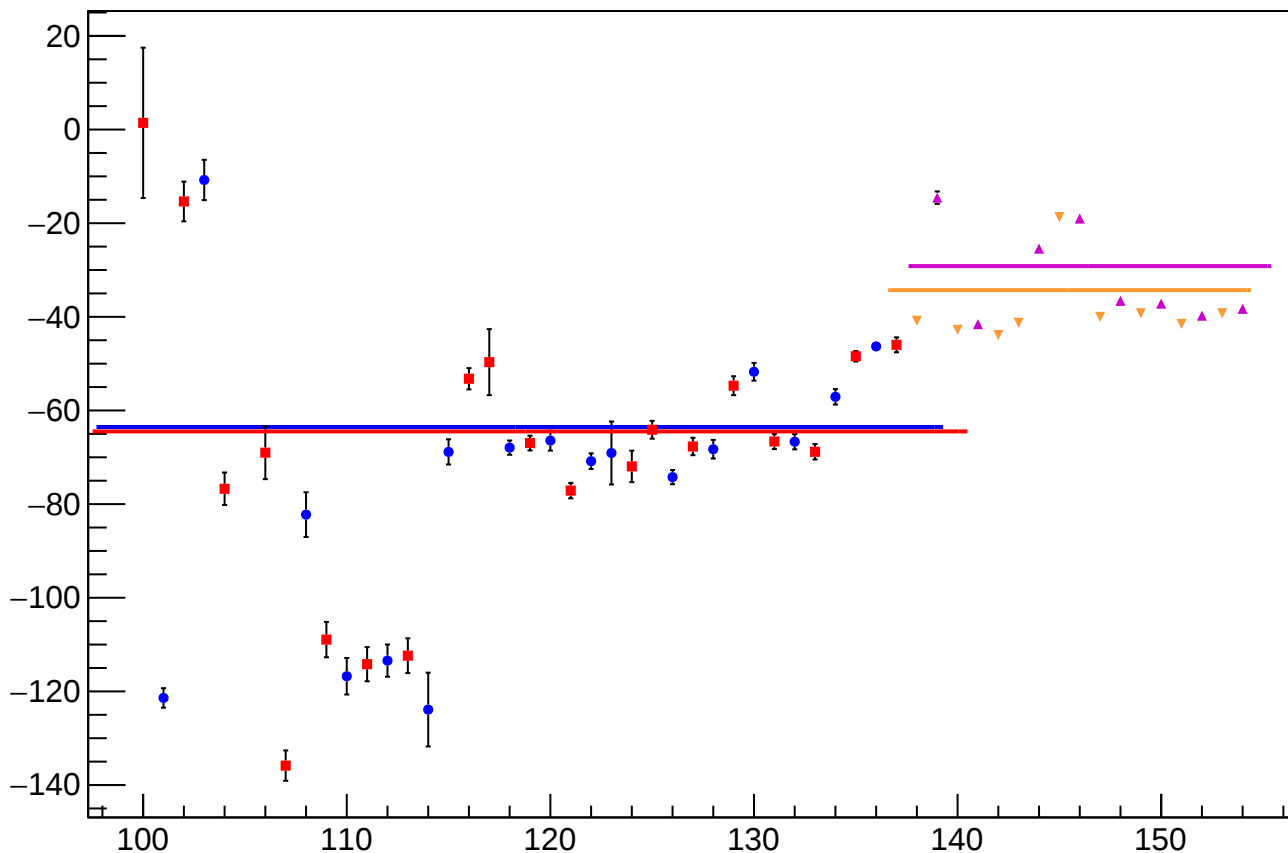
Right Out: -49.579 ± 0.796 χ^2/NDF : 510.0/19

Left In: -43.817 ± 0.207 χ^2/NDF : 3330.3/7

-47.755 ± 0.210 χ^2/NDF : 2325.0/25

-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: -34.299±/0.183 χ^2/NDF : 3166.3/8

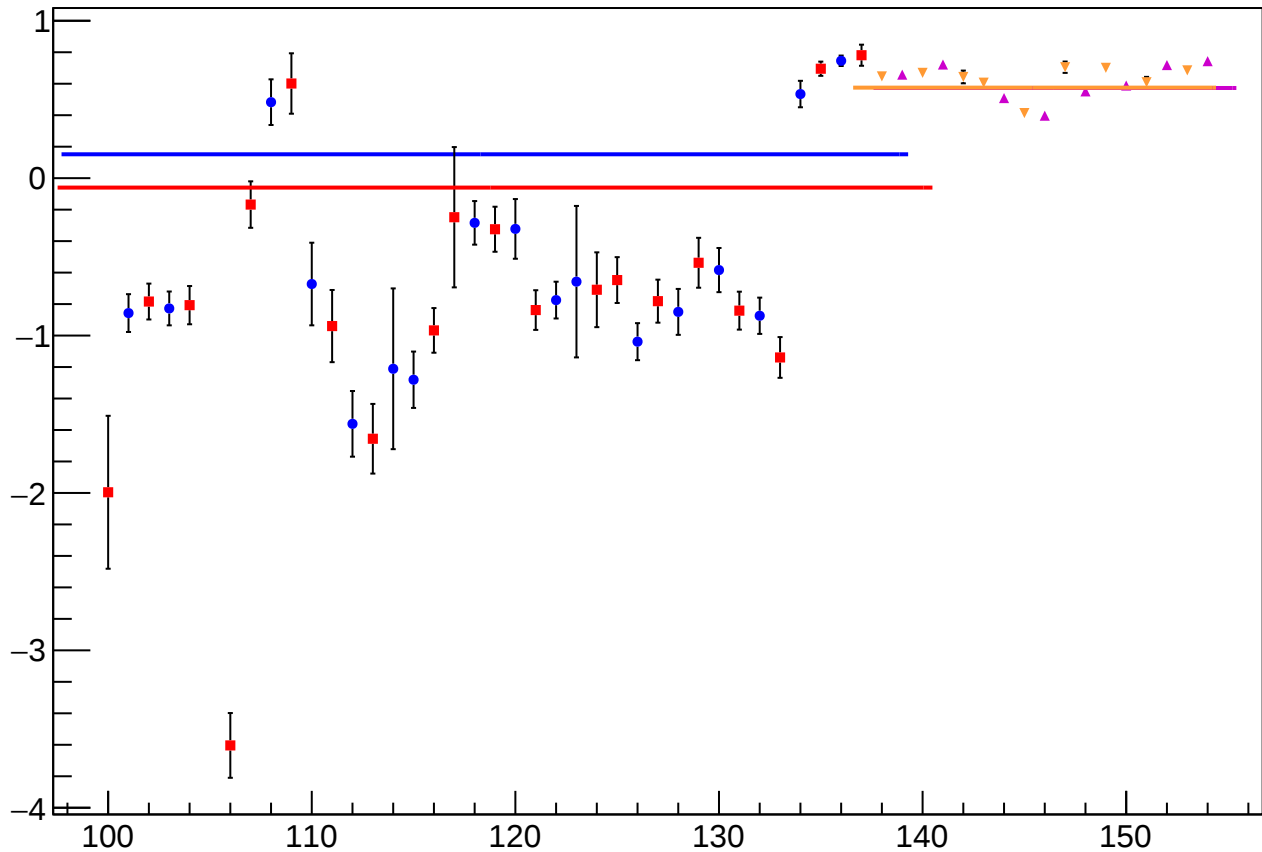
Right Out: -64.470±/0.482 χ^2/NDF : 1607.5/19

Left In: -29.165±/0.173 χ^2/NDF : 2664.3/7

-38.471±/0.170 χ^2/NDF : 8814.8/25

-33.179±/0.162 χ^2/NDF : 9030.3/27

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 ± 0.024 χ^2/NDF : 987.4/16

Left Out: 0.575 ± 0.009 χ^2/NDF : 182.2/8

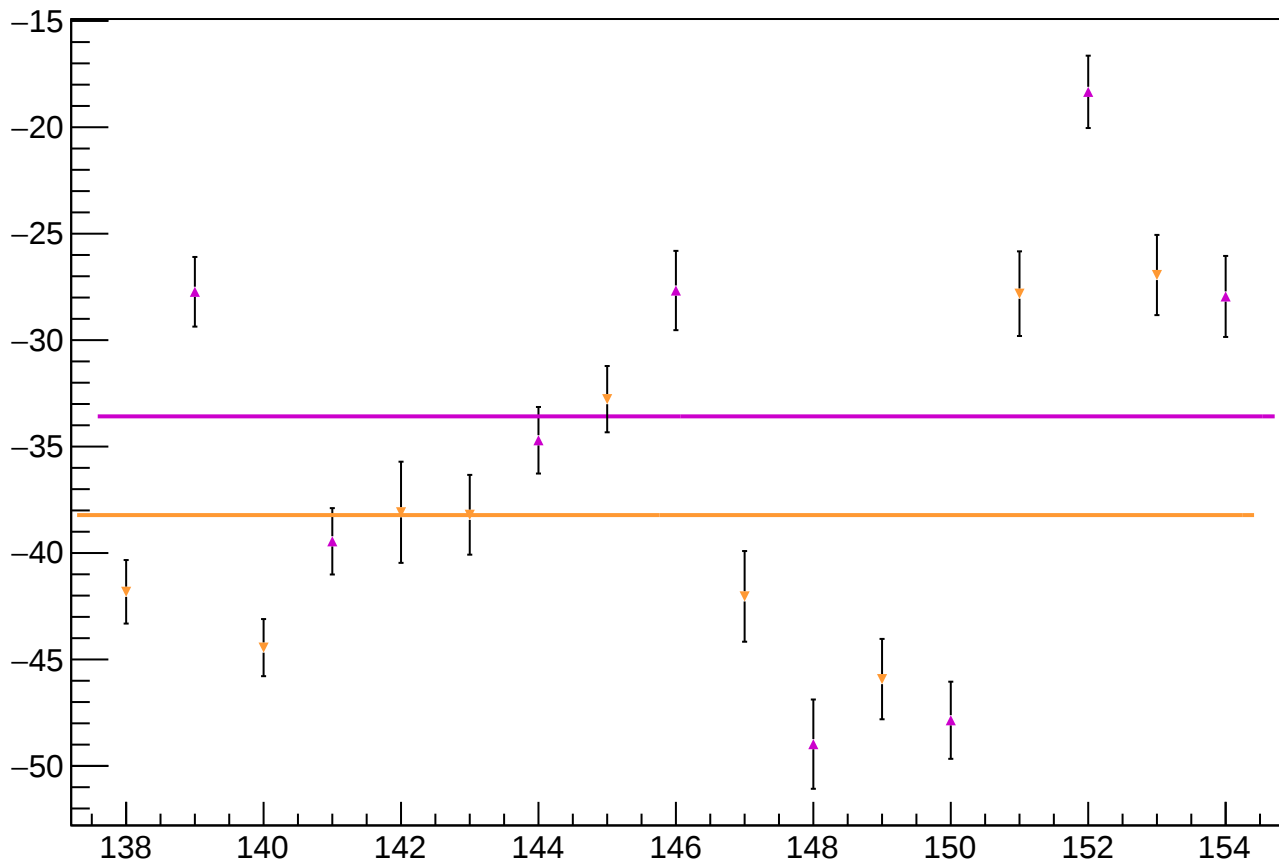
Right Out: -0.060 ± 0.026 χ^2/NDF : 1162.1/19

Left In: 0.573 ± 0.009 χ^2/NDF : 215.9/7

0.524 ± 0.008 χ^2/NDF : 1442.3/25

0.510 ± 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: -38.218+/-0.586 χ^2/NDF : 122.7/8

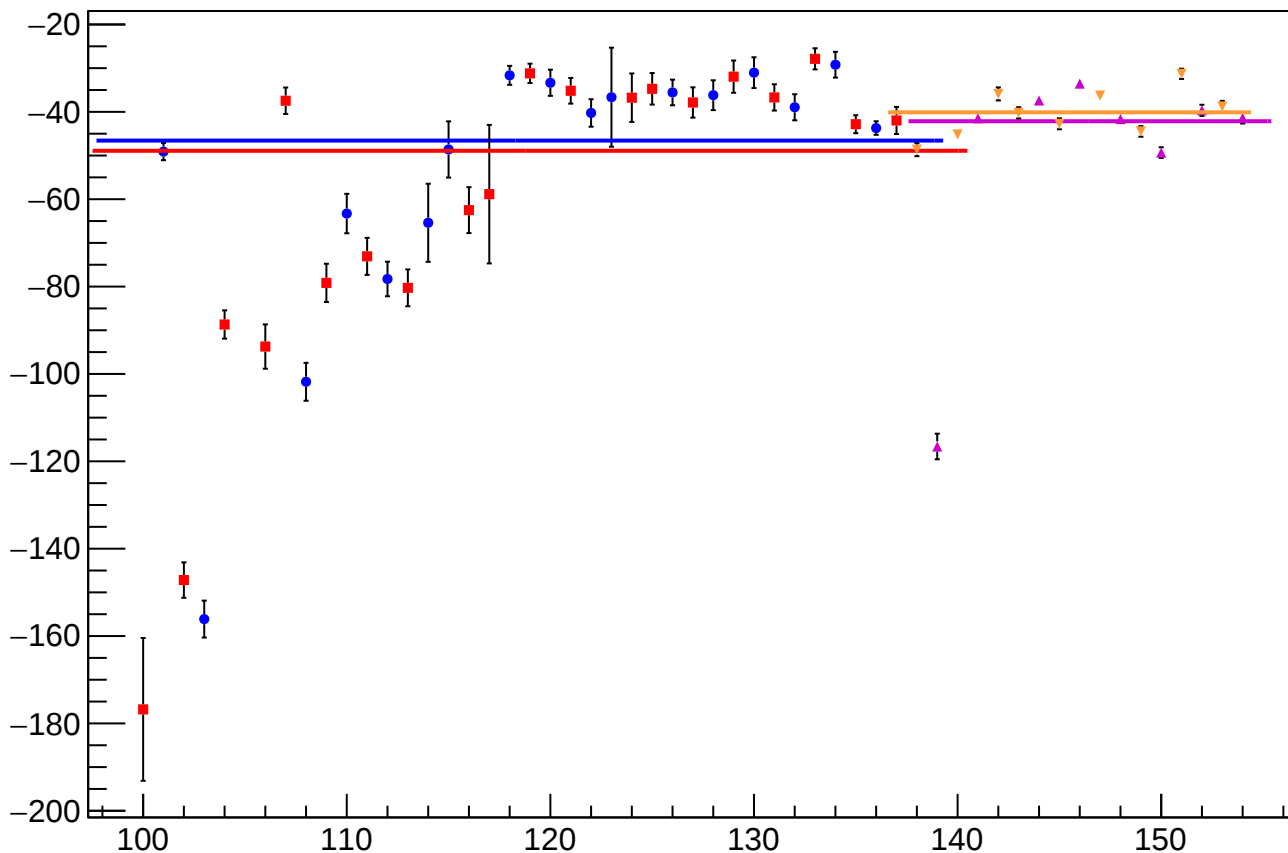
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.581+/-0.616 χ^2/NDF : 242.8/7

-38.218+/-0.586 χ^2/NDF : 122.7/8

-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: -40.107 ± 0.411 $\chi^2/\text{NDF}: 151.4/8$

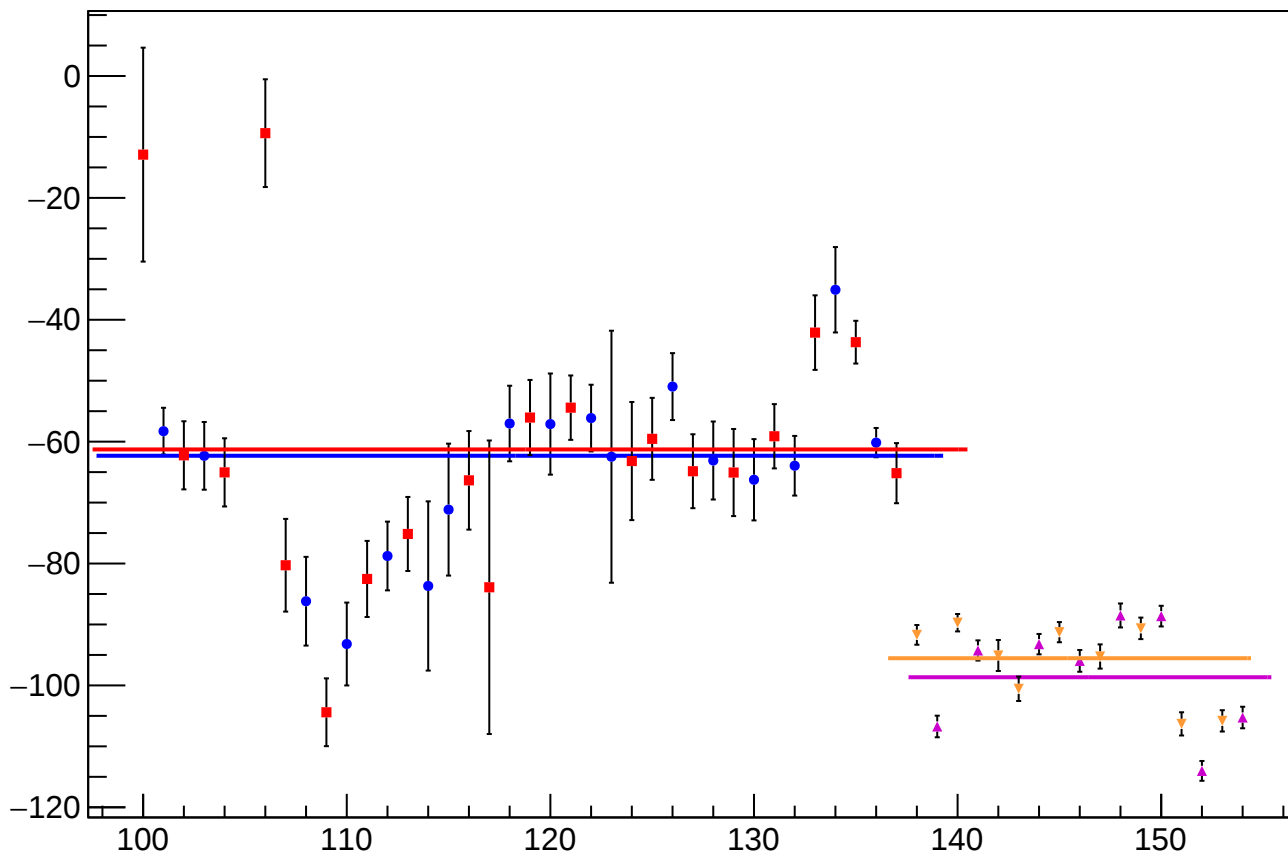
Right Out: -48.911 ± 0.763 $\chi^2/\text{NDF}: 1277.9/19$

Left In: -42.149 ± 0.433 $\chi^2/\text{NDF}: 760.2/7$

-41.664 ± 0.358 $\chi^2/\text{NDF}: 1287.5/25$

-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: -95.538 ± 0.596 $\chi^2/\text{NDF}: 109.6/8$

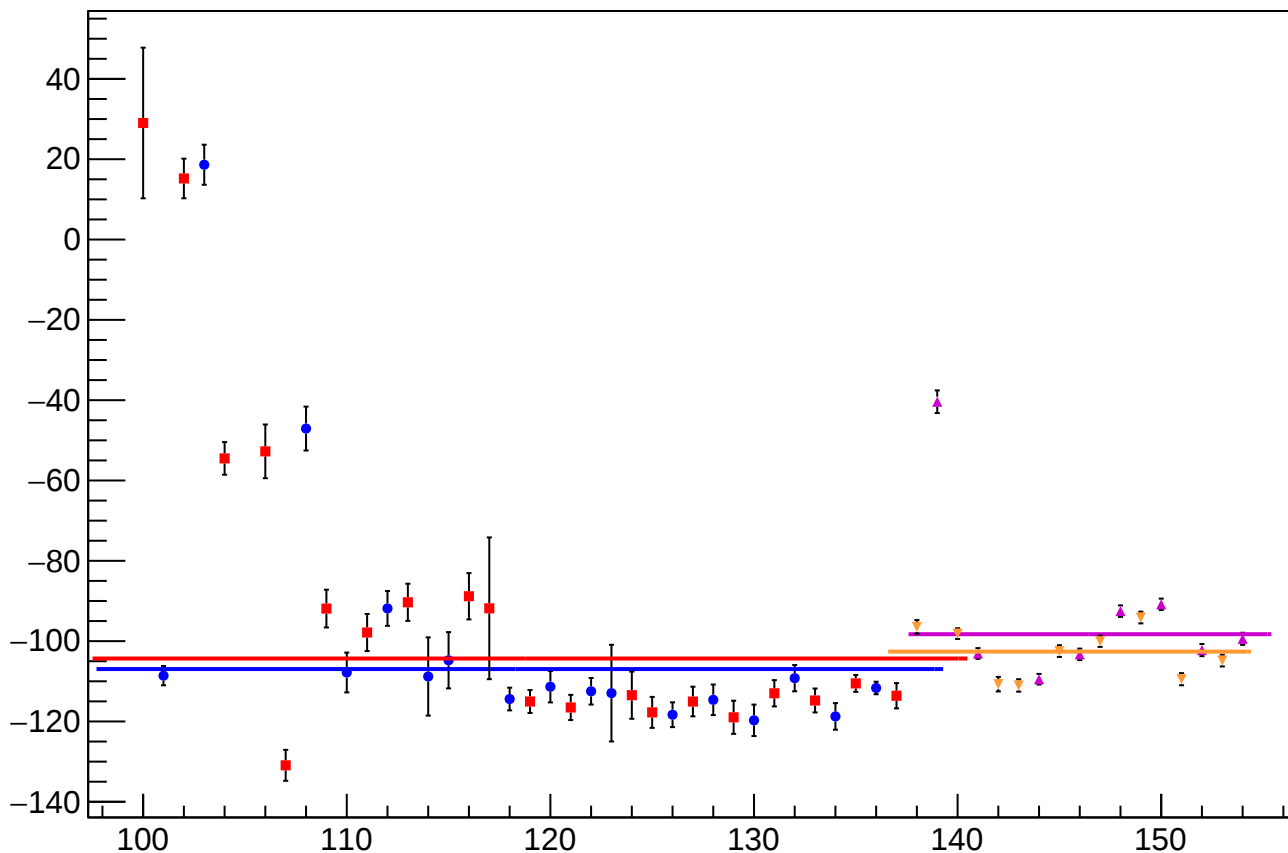
Right Out: -61.277 ± 1.379 $\chi^2/\text{NDF}: 165.9/19$

Left In: -98.658 ± 0.613 $\chi^2/\text{NDF}: 205.5/7$

-89.887 ± 0.543 $\chi^2/\text{NDF}: 706.0/25$

-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 $\chi^2/\text{NDF}: 827.2/16$

Left Out: -102.602 ± 0.501 $\chi^2/\text{NDF}: 134.0/8$

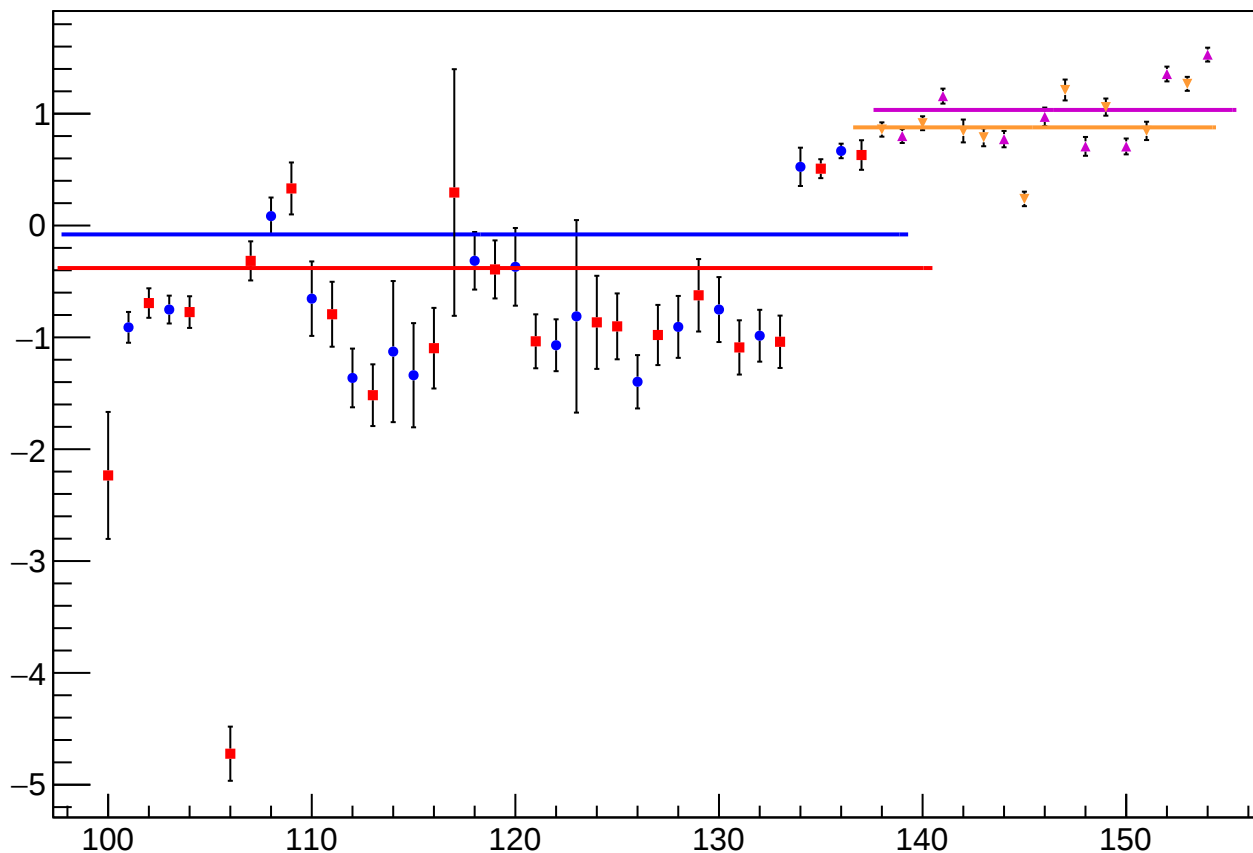
Right Out: -104.326 ± 0.860 $\chi^2/\text{NDF}: 1021.5/19$

Left In: -98.271 ± 0.526 $\chi^2/\text{NDF}: 569.5/7$

-103.790 ± 0.427 $\chi^2/\text{NDF}: 981.8/25$

-99.918 ± 0.449 $\chi^2/\text{NDF}: 1627.0/27$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.079 ± 0.042 χ^2/NDF : 328.5/16

Left Out: 0.878 ± 0.024 χ^2/NDF : 156.4/8

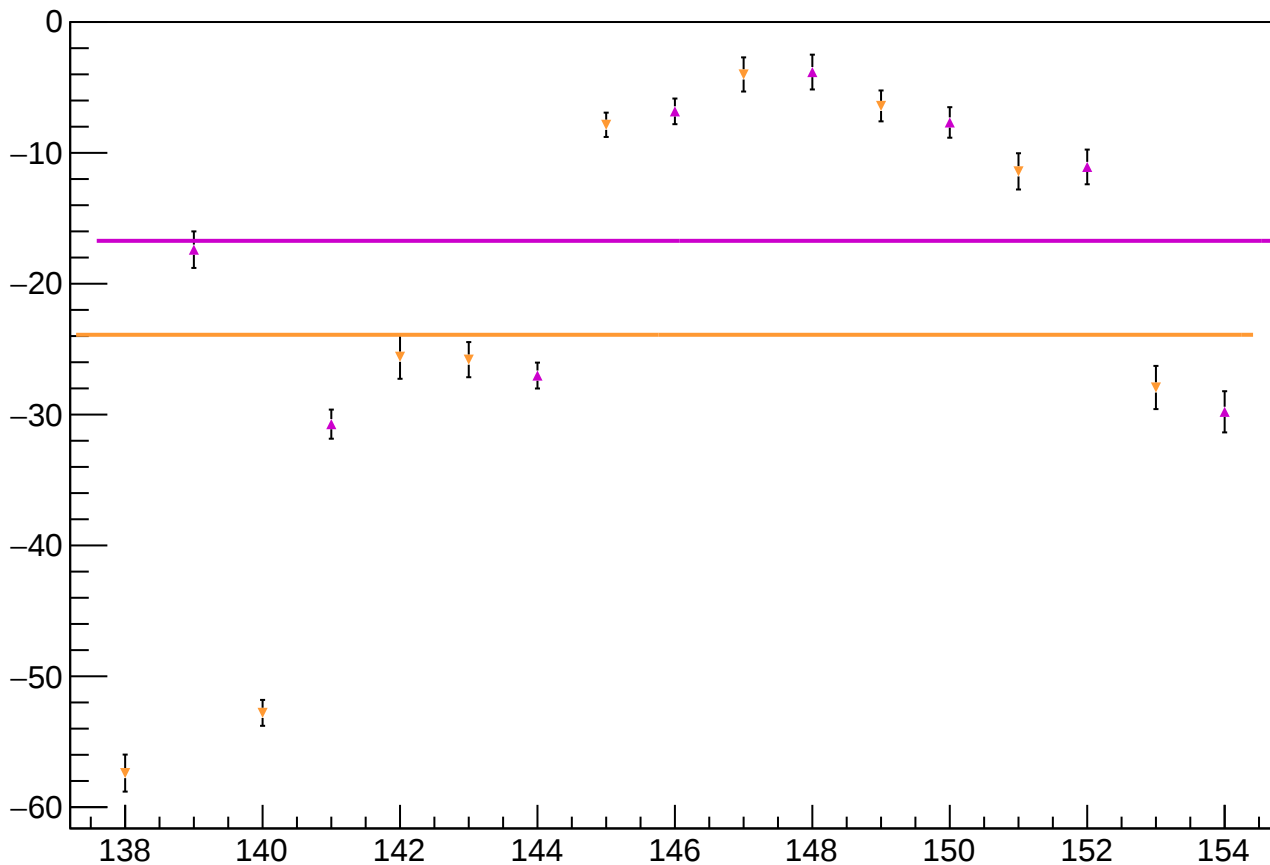
Right Out: -0.380 ± 0.044 χ^2/NDF : 580.9/19

Left In: 1.034 ± 0.025 χ^2/NDF : 154.1/7

0.639 ± 0.021 χ^2/NDF : 869.7/25

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: -23.902+/-0.416 χ^2/NDF : 2252.5/8

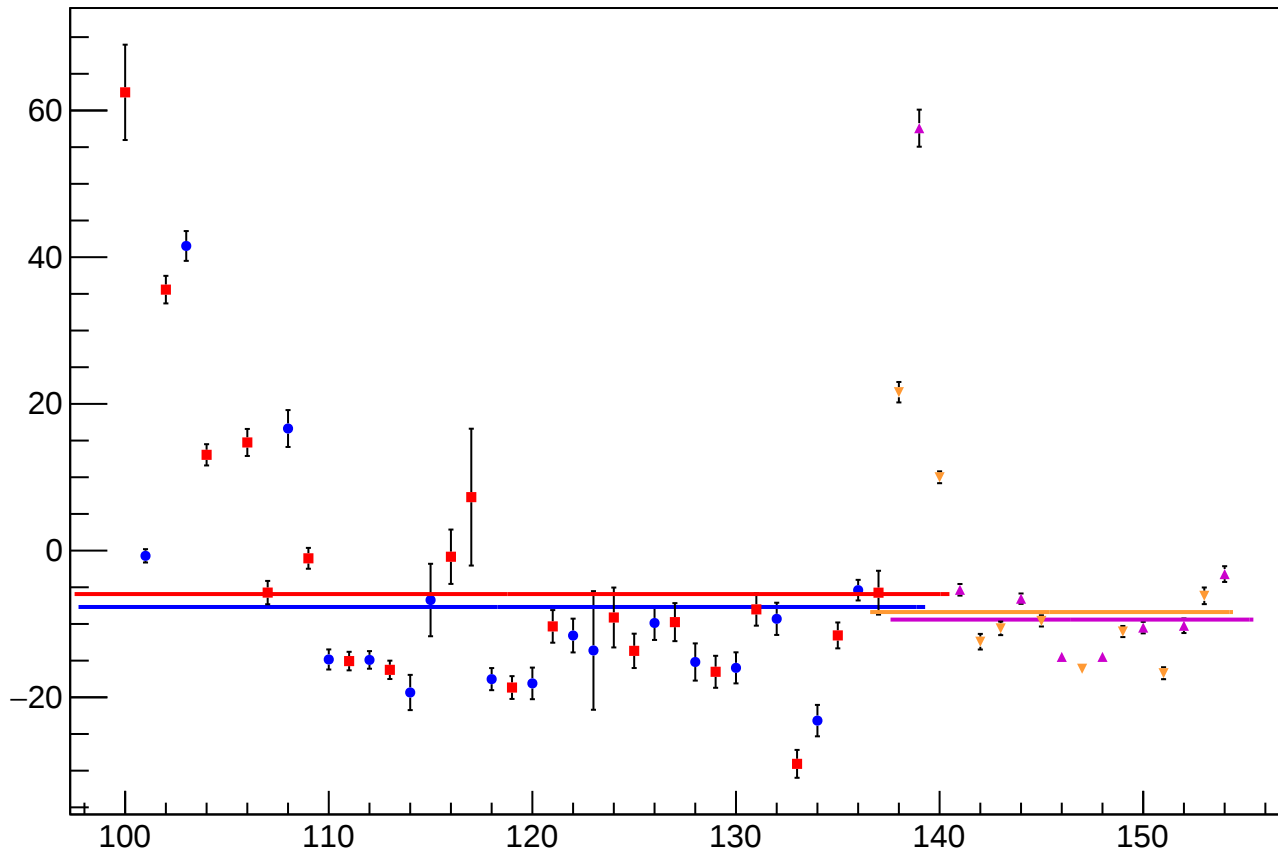
-23.902+/-0.416 χ^2/NDF : 2252.5/8

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

Left In: -16.722+/-0.420 χ^2/NDF : 610.3/7

-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: -8.378 ± 0.284 χ^2/NDF : 1275.8/8

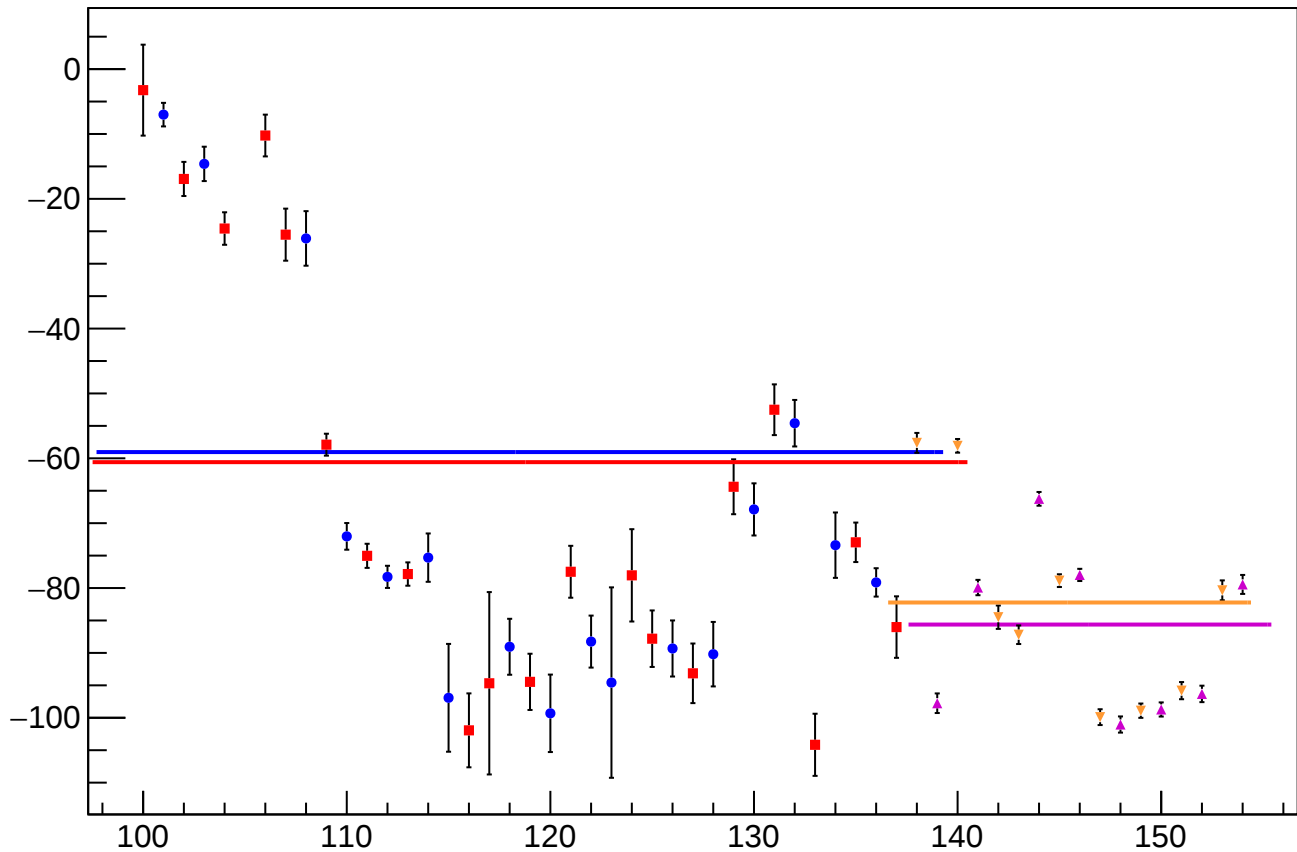
Right Out: -5.925 ± 0.428 χ^2/NDF : 1300.1/19

Left In: -9.406 ± 0.286 χ^2/NDF : 911.1/7

-8.168 ± 0.237 χ^2/NDF : 2253.5/25

-8.335 ± 0.238 χ^2/NDF : 2256.9/27

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.039±0.746 χ^2/NDF : 1709.5/16

Left Out: -82.229±0.421 χ^2/NDF :1353.0/8

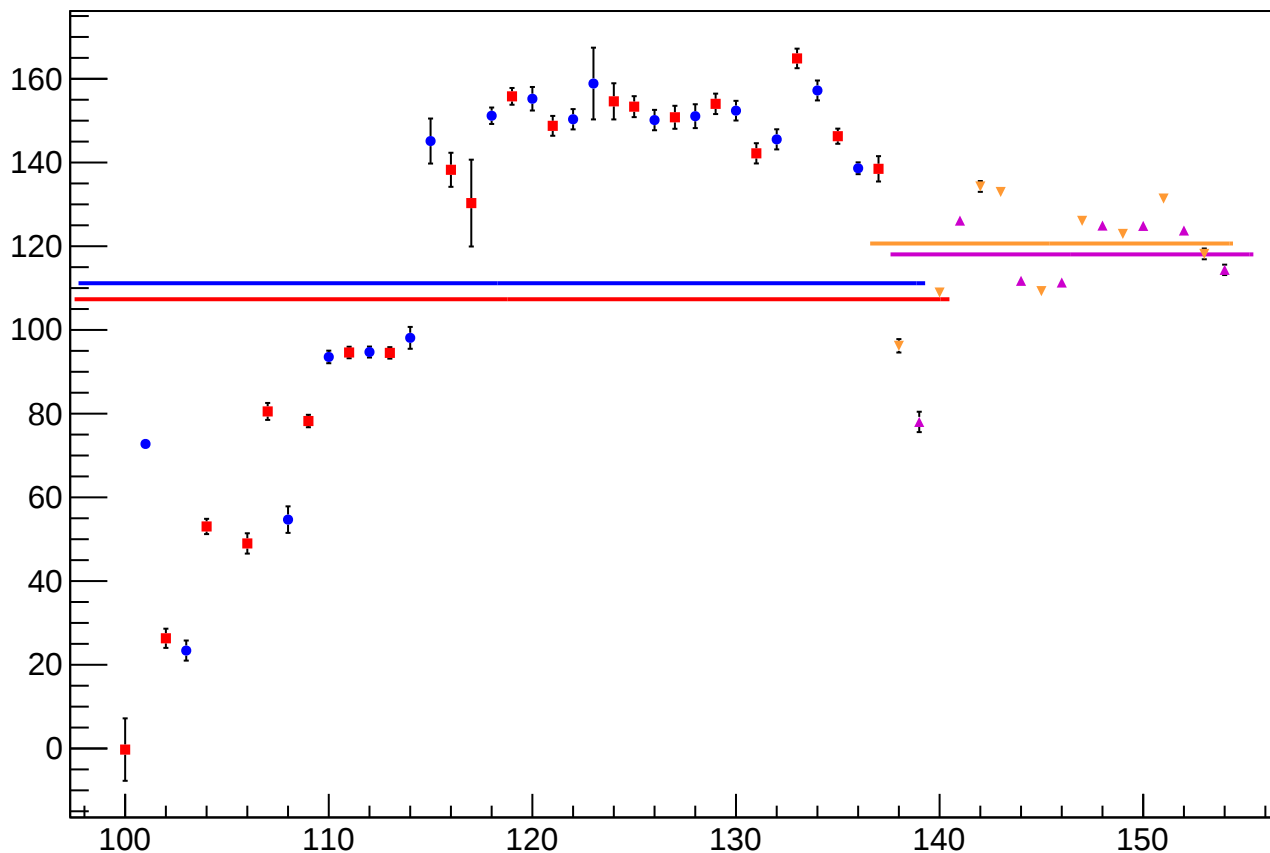
Right Out: -60.593±0.704 χ^2/NDF : 1390.7/19

Left In: -85.629±0.417 χ^2/NDF :873.9/7

-76.625±0.367 χ^2/NDF : 3796.0/25

-79.114±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: 120.649 $\pm$ 0.349 χ^2 /NDF: 934.8/8

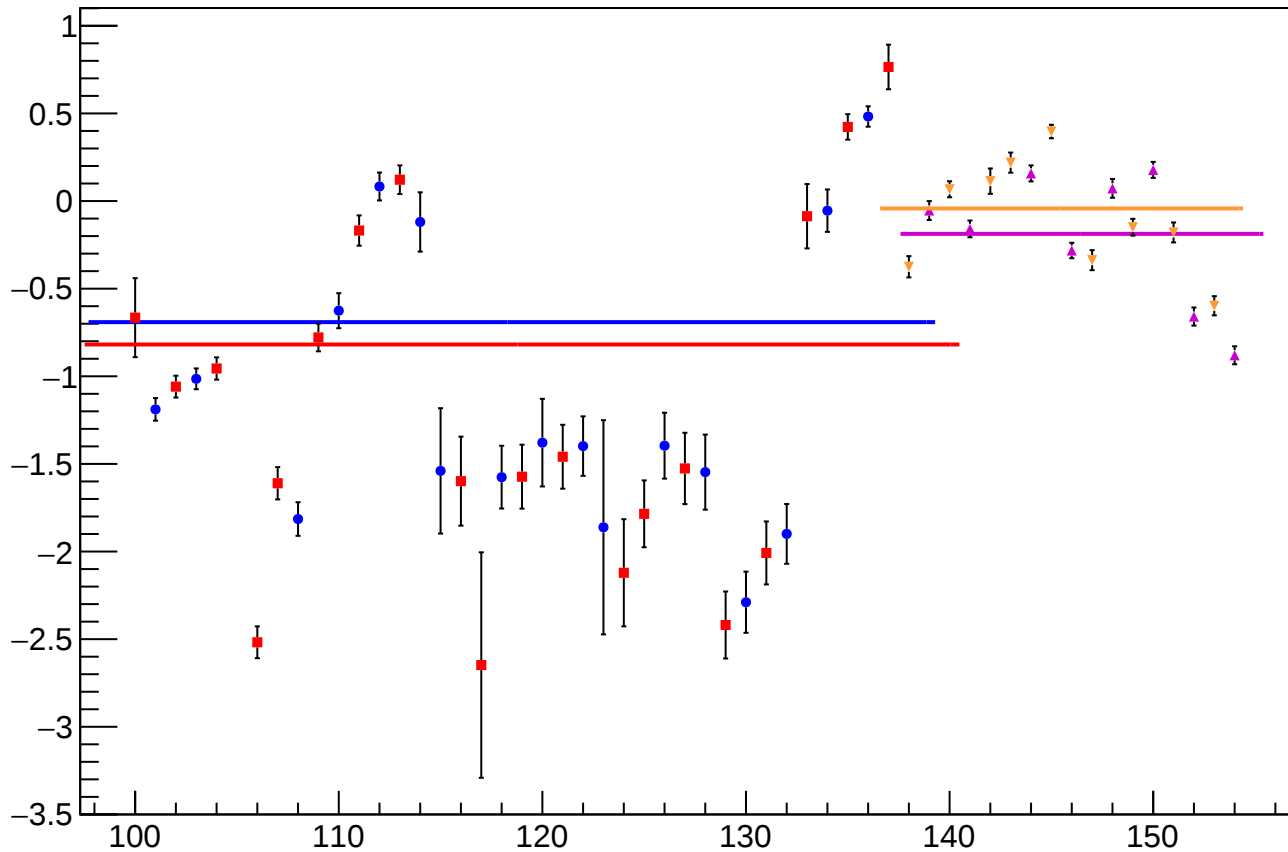
Right Out: 107.334 $\pm$ 0.487 χ^2 /NDF: 7060.0/19

Left In: 118.051 $\pm$ 0.350 χ^2 /NDF: 621.4/7

117.451 $\pm$ 0.284 χ^2 /NDF: 7062.0/25

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: -0.042 ± 0.017 χ^2/NDF : 330.8/8

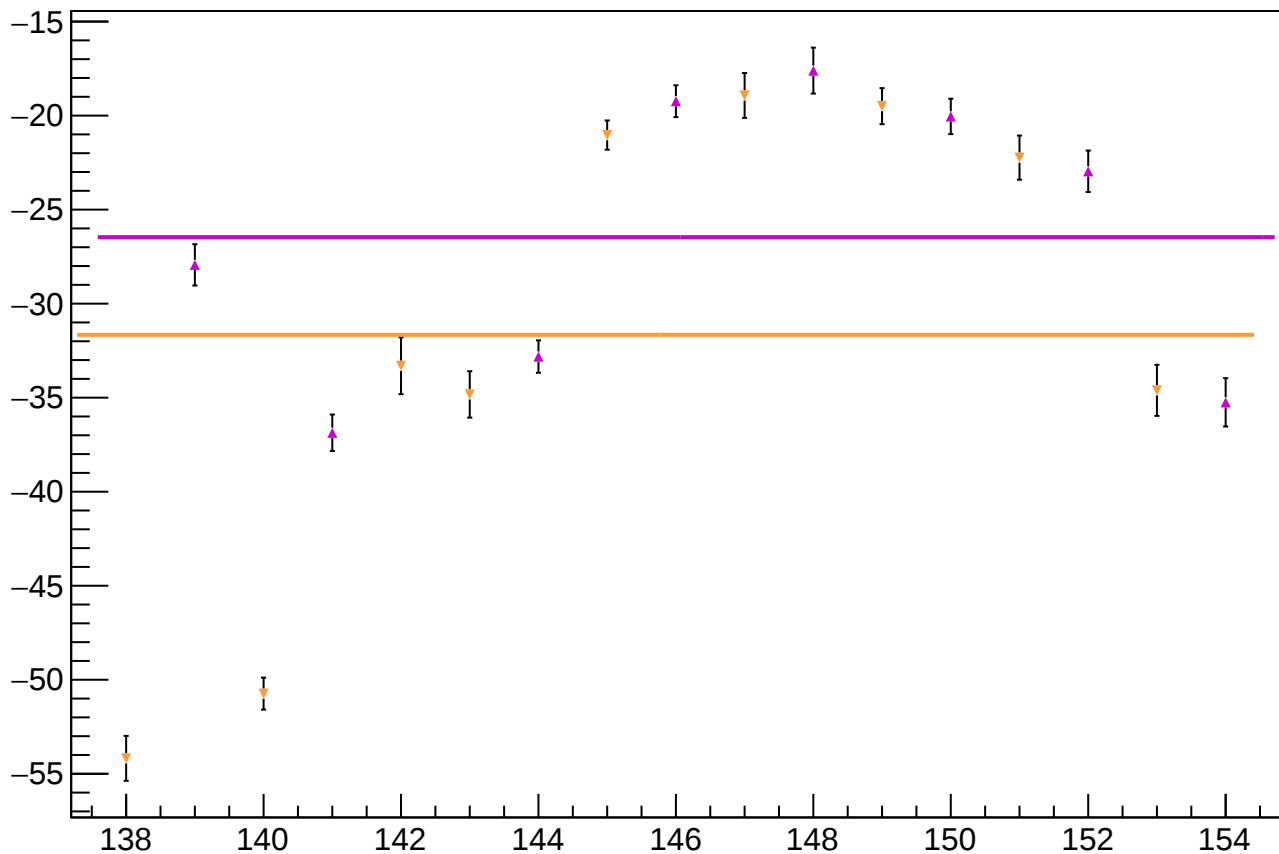
Right Out: -0.819 ± 0.024 χ^2/NDF : 1312.5/19

Left In: -0.187 ± 0.017 χ^2/NDF : 421.3/7

-0.245 ± 0.014 χ^2/NDF : 1755.6/25

-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: -31.656+/-0.356 χ^2/NDF : 1398.9/8

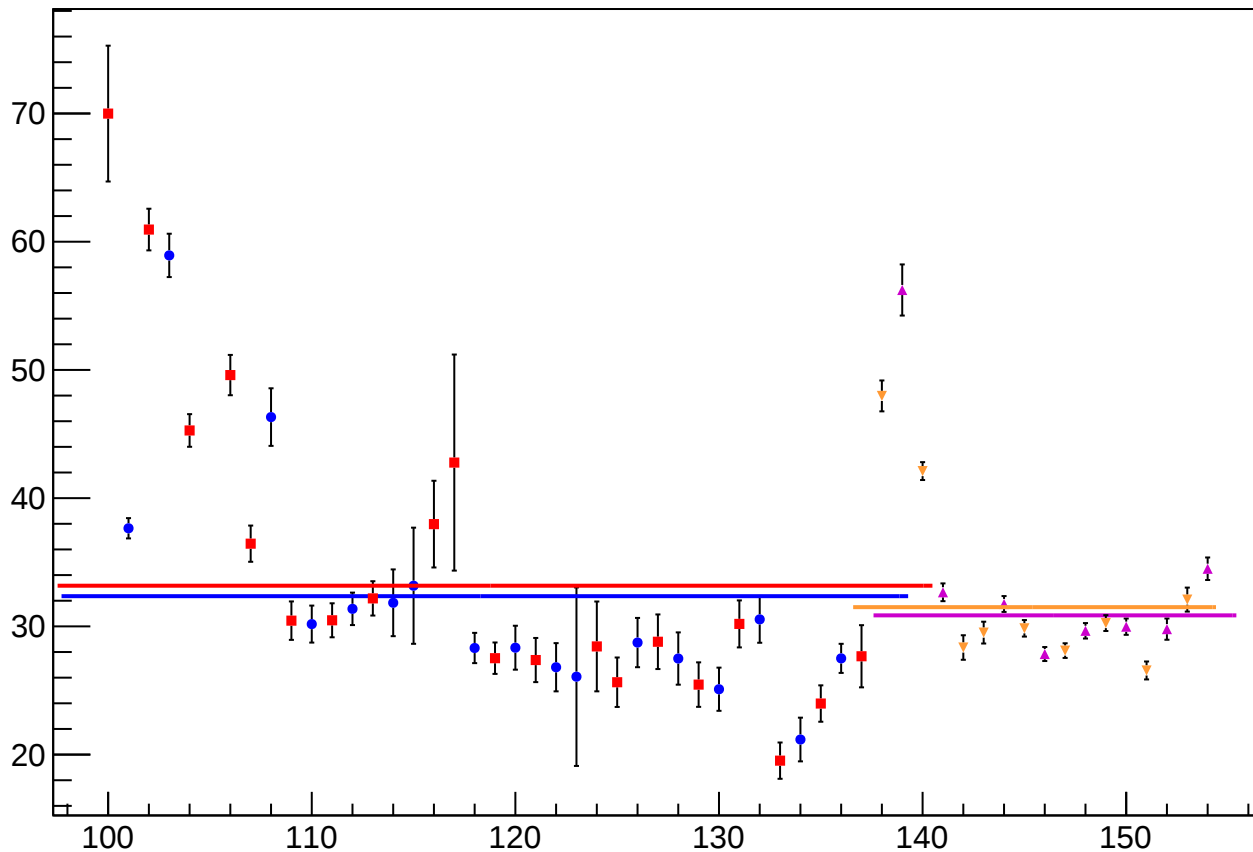
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.463+/-0.357 χ^2/NDF : 399.8/7

-31.656+/-0.356 χ^2/NDF : 1398.9/8

-26.463+/-0.357 χ^2/NDF : 399.8/7

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.355 $\pm$ 0.375 χ^2/NDF : 450.5/16

Left Out: 31.499 $\pm$ 0.246 χ^2/NDF : 530.8/8

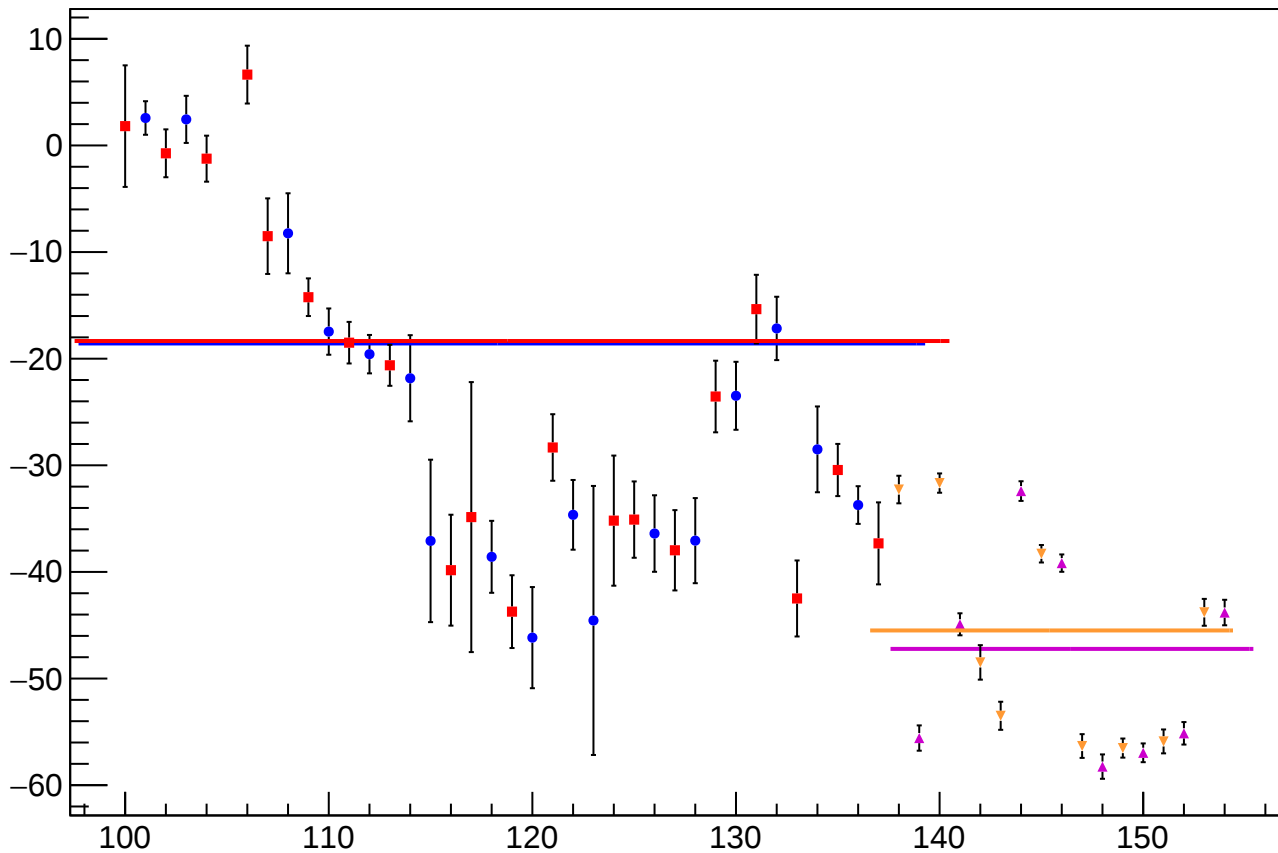
Right Out: 33.172 $\pm$ 0.378 χ^2/NDF : 773.3/19

Left In: 30.859 $\pm$ 0.248 χ^2/NDF : 226.0/7

31.757 $\pm$ 0.206 χ^2/NDF : 984.9/25

31.553 $\pm$ 0.207 χ^2/NDF : 1025.4/27

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.572 ± 0.667 $\chi^2/\text{NDF}: 511.5/16$

Left Out: -45.490 ± 0.359 $\chi^2/\text{NDF}: 789.1/8$

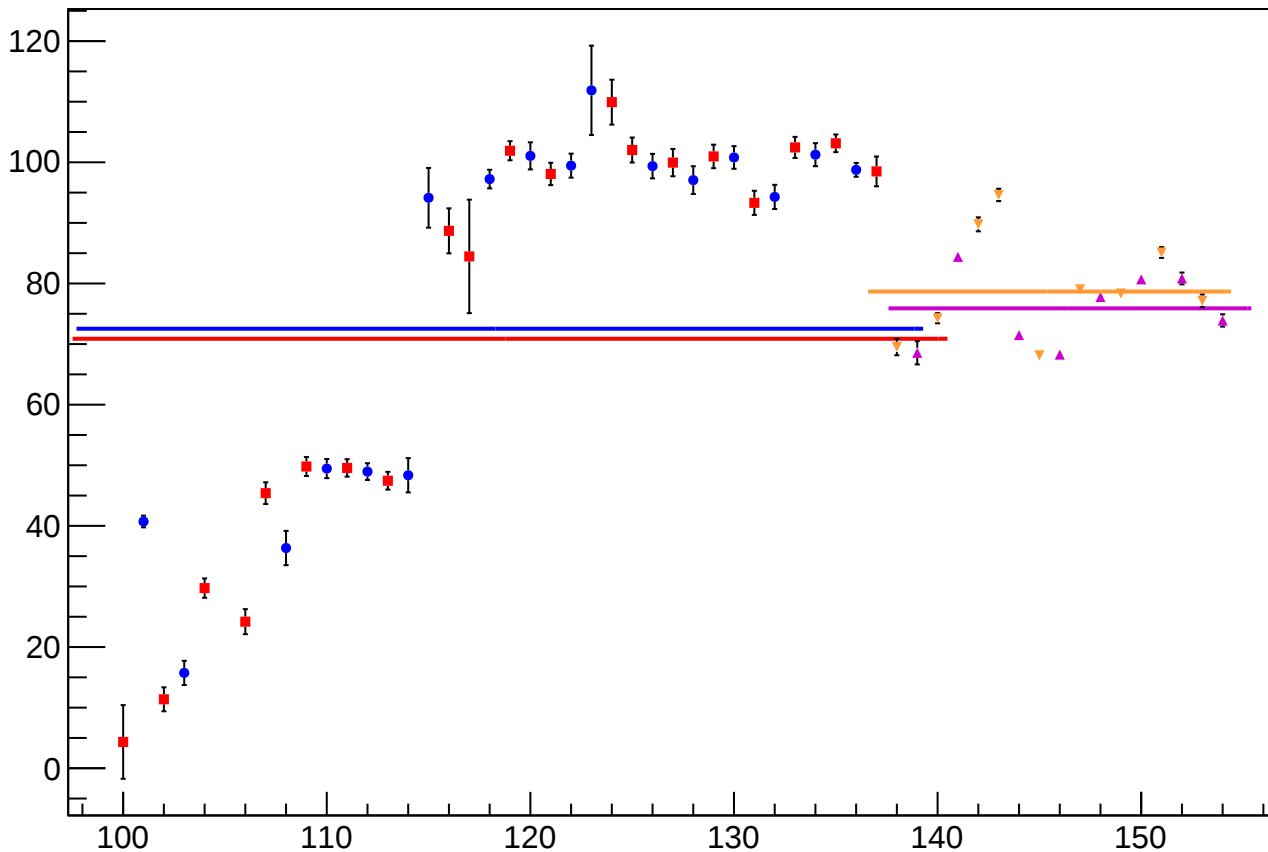
Right Out: -18.343 ± 0.643 $\chi^2/\text{NDF}: 475.1/19$

Left In: -47.220 ± 0.354 $\chi^2/\text{NDF}: 690.0/7$

-39.440 ± 0.316 $\chi^2/\text{NDF}: 2561.4/25$

-40.506 ± 0.310 $\chi^2/\text{NDF}: 2713.0/27$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.537 $\pm$ 0.428 χ^2/NDF : 4684.1/16

Left Out: 78.671 $\pm$ 0.301 χ^2/NDF : 664.8/8

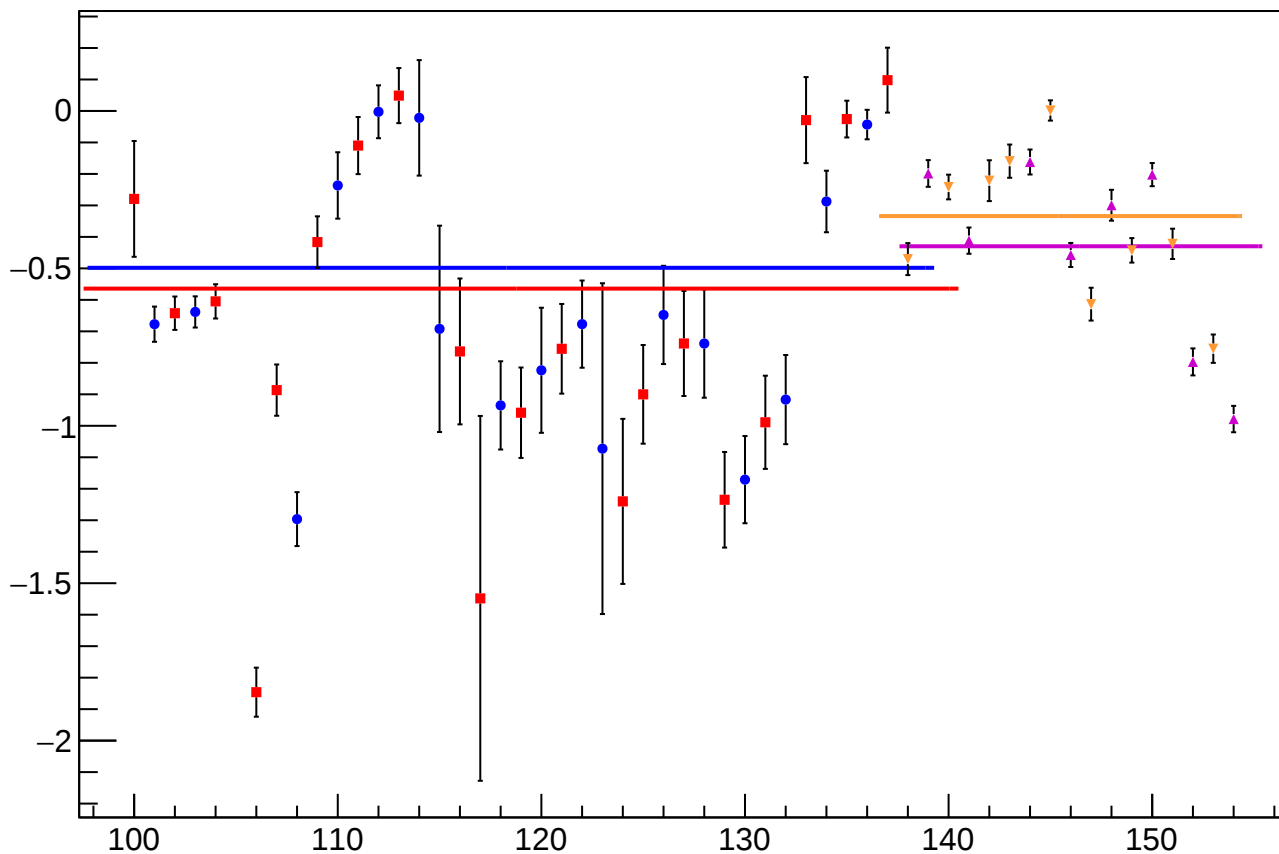
Right Out: 70.878 $\pm$ 0.433 χ^2/NDF : 5502.3/19

Left In: 75.895 $\pm$ 0.301 χ^2/NDF : 359.5/7

76.645 $\pm$ 0.246 χ^2/NDF : 5486.3/25

74.262 $\pm$ 0.247 χ^2/NDF : 5952.5/27

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498 $\pm$ 0.022 χ^2 /NDF: 302.8/16

Left Out: -0.334 $\pm$ 0.015 χ^2 /NDF: 262.9/8

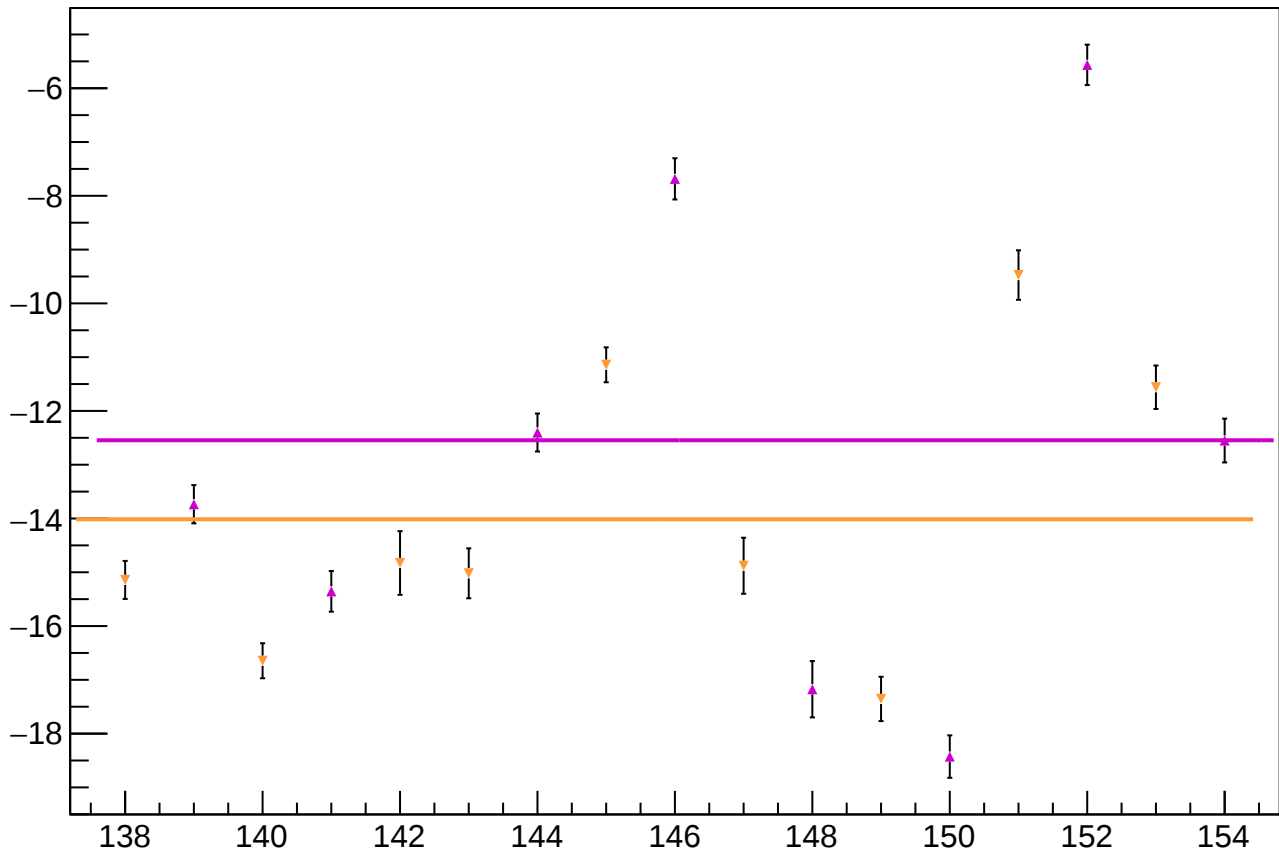
Right Out: -0.564 $\pm$ 0.021 χ^2 /NDF: 563.6/19

Left In: -0.430 $\pm$ 0.015 χ^2 /NDF: 366.1/7

-0.384 $\pm$ 0.012 χ^2 /NDF: 603.2/25

-0.472 $\pm$ 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: -14.014+/-0.135 χ^2/NDF : 363.2/8

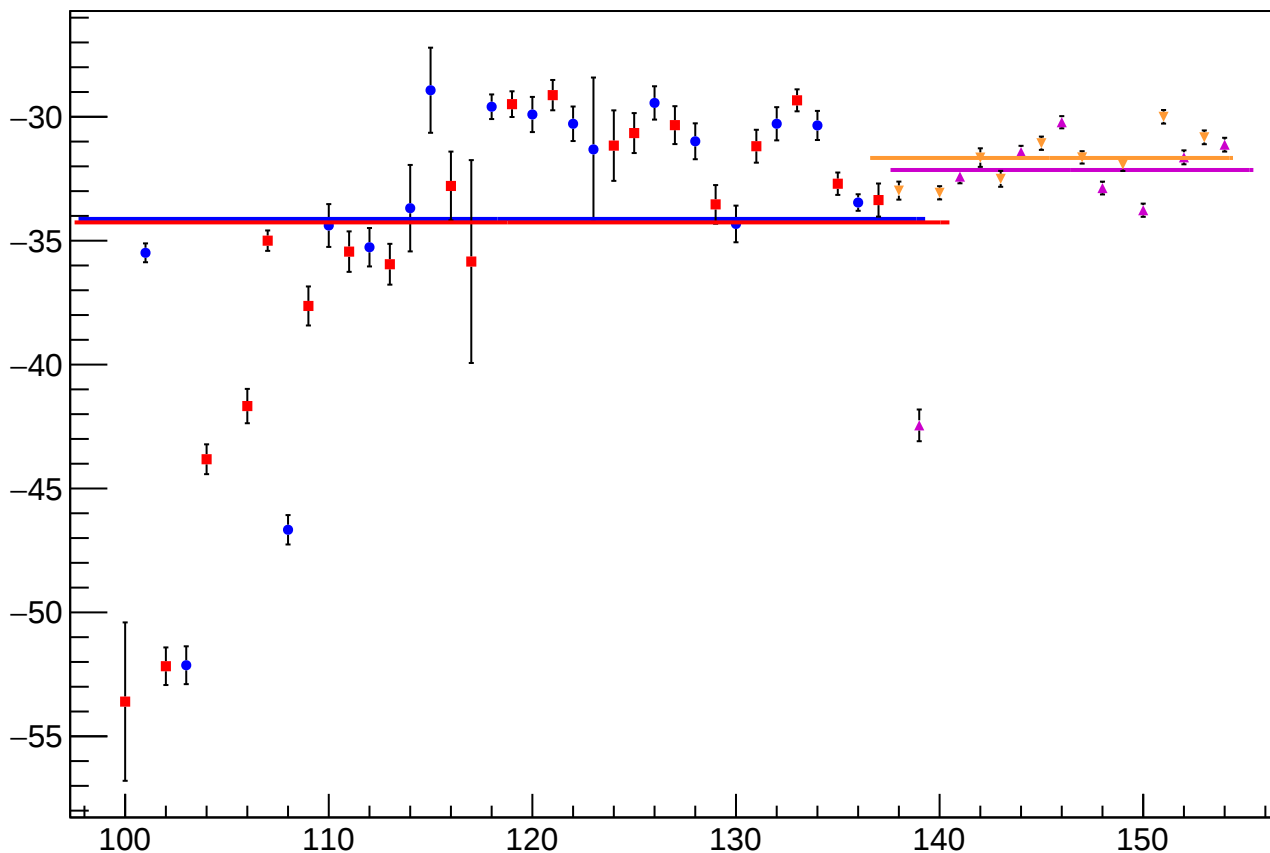
-14.014+/-0.135 χ^2/NDF : 363.2/8

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

-12.546+/-0.137 χ^2/NDF : 873.4/7

Left In: -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 ± 0.152 $\chi^2/\text{NDF}: 1322.4/16$

Left Out: -31.661 ± 0.096 $\chi^2/\text{NDF}: 99.1/8$

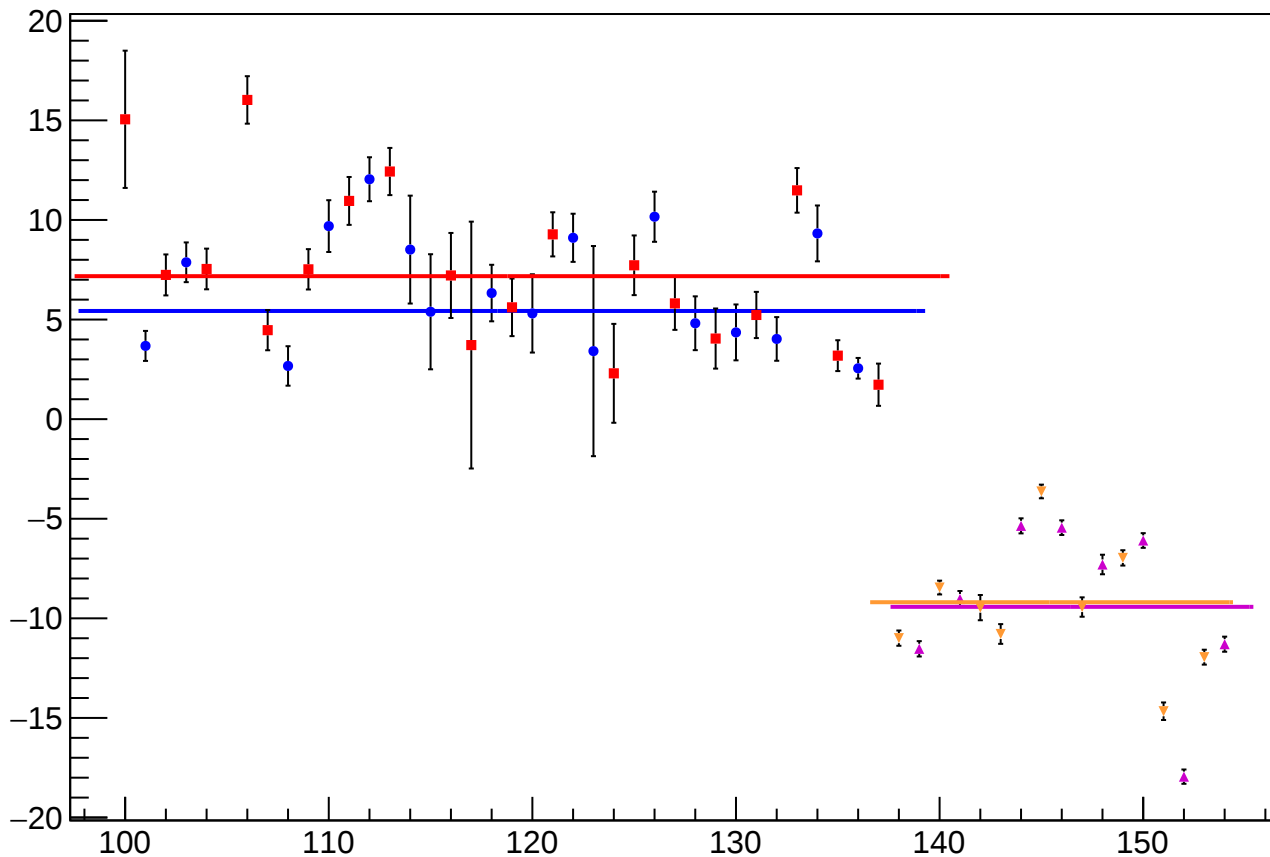
Right Out: -34.262 ± 0.151 $\chi^2/\text{NDF}: 1355.1/19$

Left In: -32.146 ± 0.099 $\chi^2/\text{NDF}: 391.0/7$

-32.364 ± 0.081 $\chi^2/\text{NDF}: 1609.2/25$

-32.781 ± 0.083 $\chi^2/\text{NDF}: 1883.9/27$

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: -9.191 ± 0.137 χ^2/NDF : 542.3/8

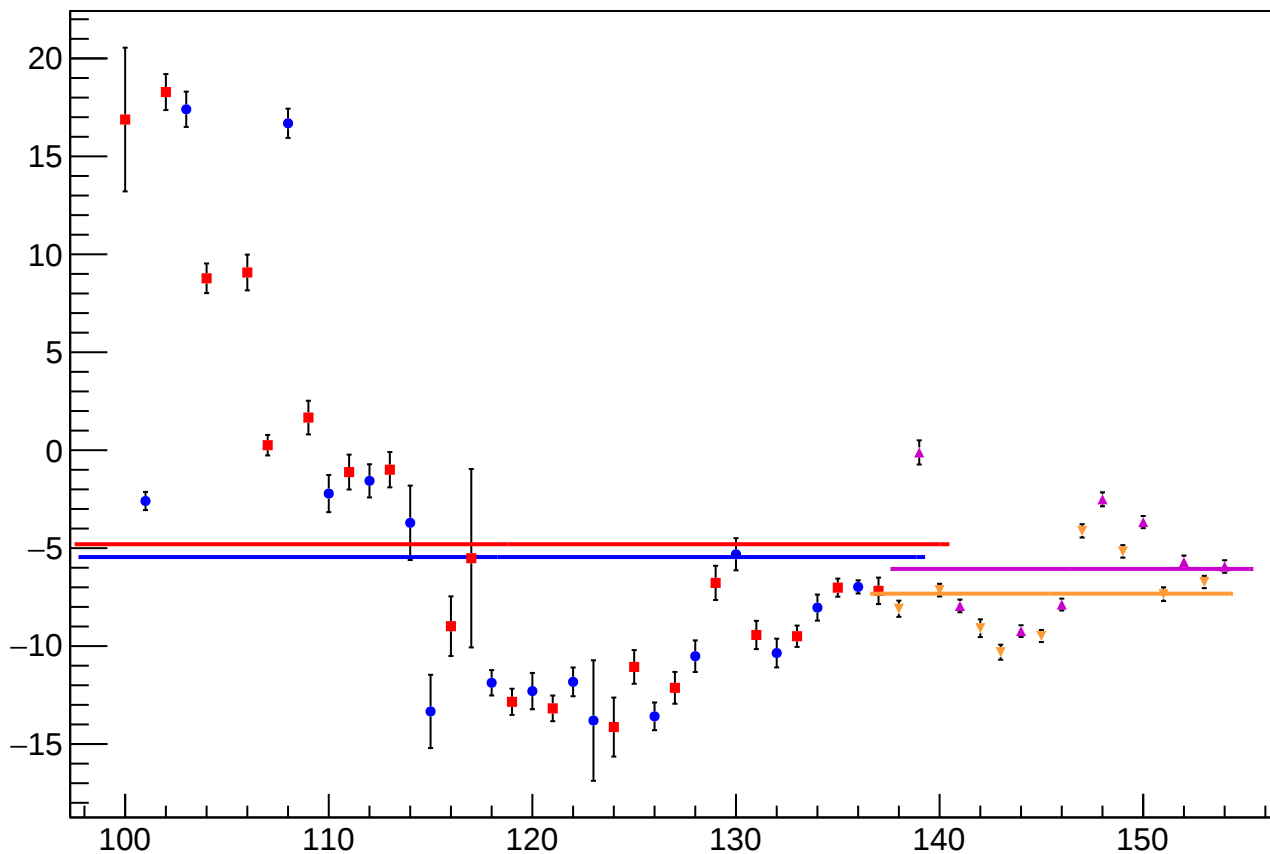
Right Out: 7.178 ± 0.274 χ^2/NDF : 182.4/19

Left In: -9.423 ± 0.137 χ^2/NDF : 951.6/7

-6.211 ± 0.122 χ^2/NDF : 3002.6/25

-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: -7.324+/-0.116 χ^2/NDF : 265.4/8

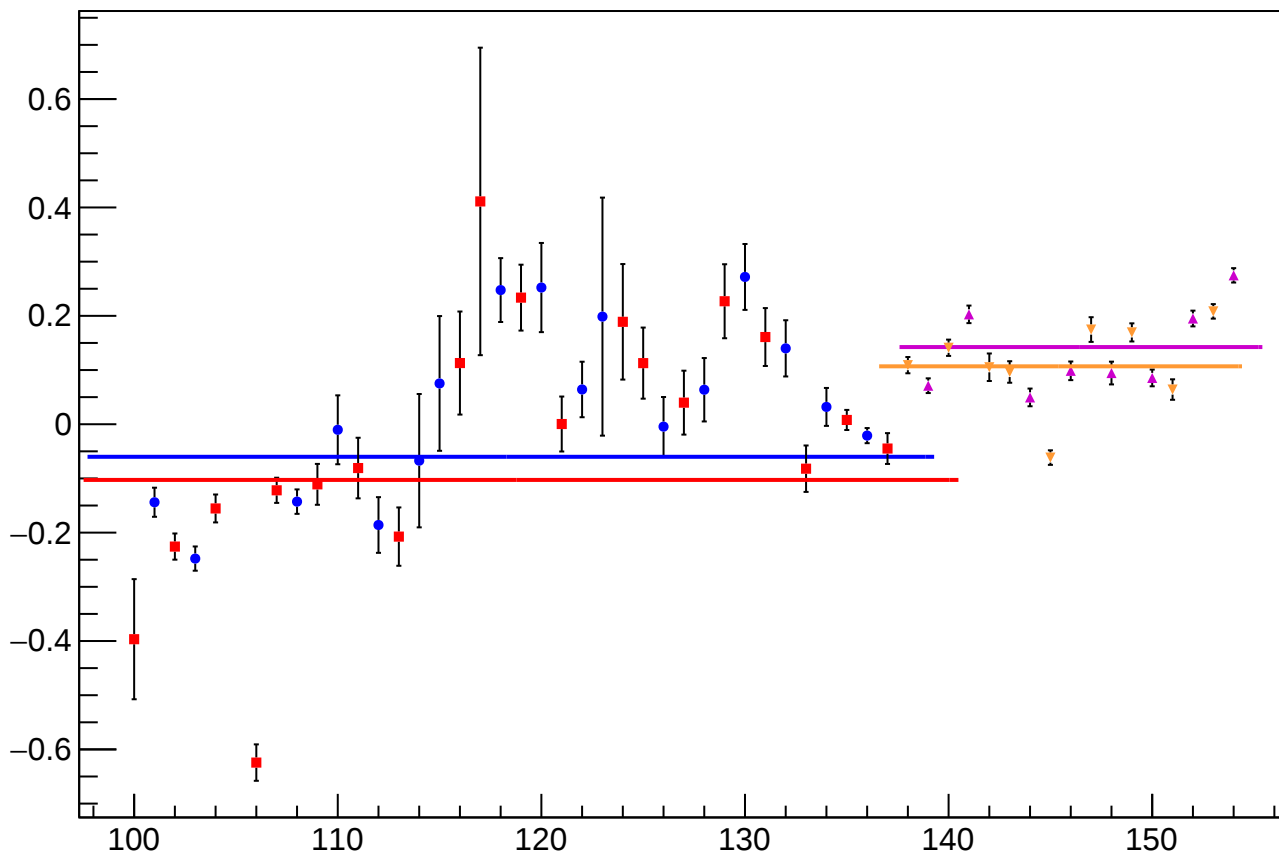
Right Out: -4.799+/-0.173 χ^2/NDF : 2047.5/19

Left In: -6.062+/-0.119 χ^2/NDF : 434.3/7

-6.733+/-0.096 χ^2/NDF : 2443.7/25

-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: 0.107+/-0.006 χ^2 /NDF:247.6/8

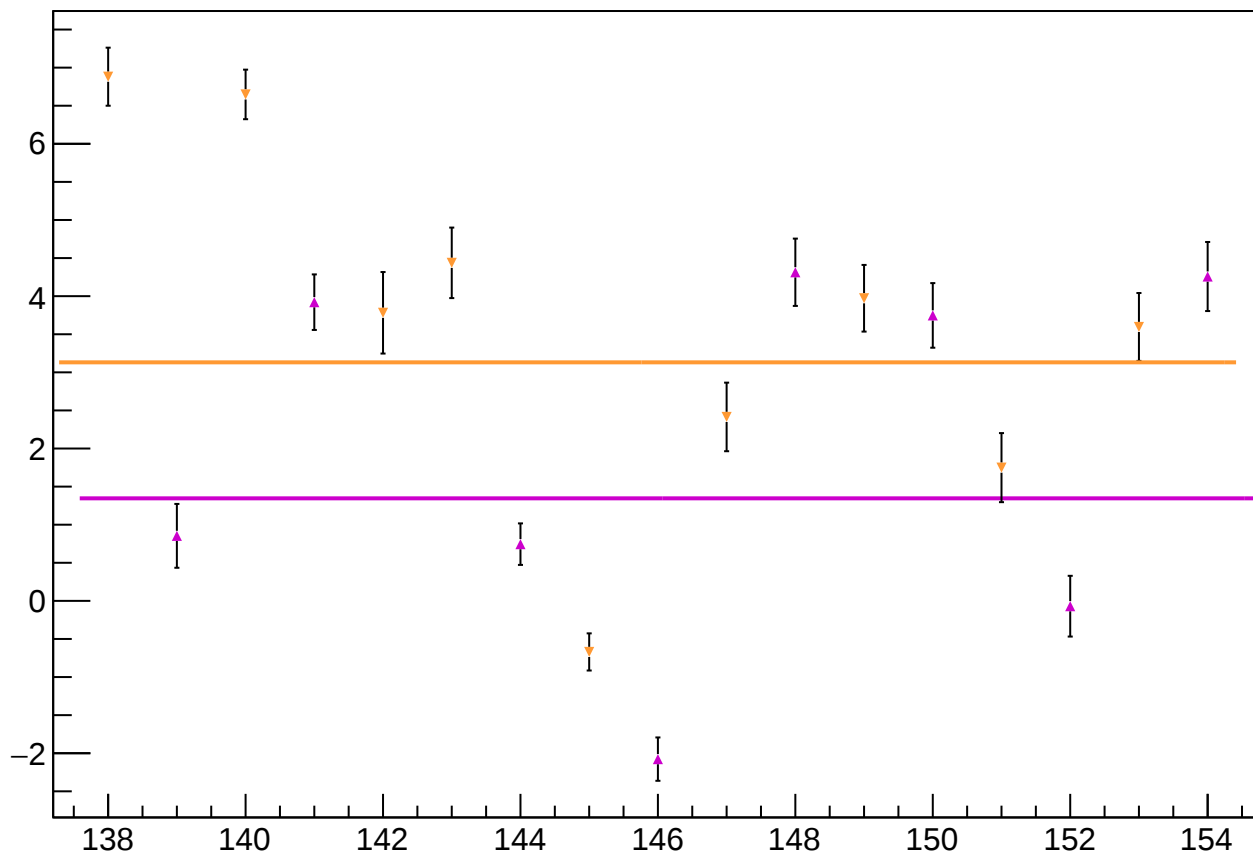
Right Out: -0.103+/-0.008 χ^2 /NDF: 437.6/19

Left In: 0.142+/-0.005 χ^2 /NDF:211.6/7

0.056+/-0.005 χ^2 /NDF: 737.6/25

0.070+/-0.005 χ^2 /NDF: 1243.0/27

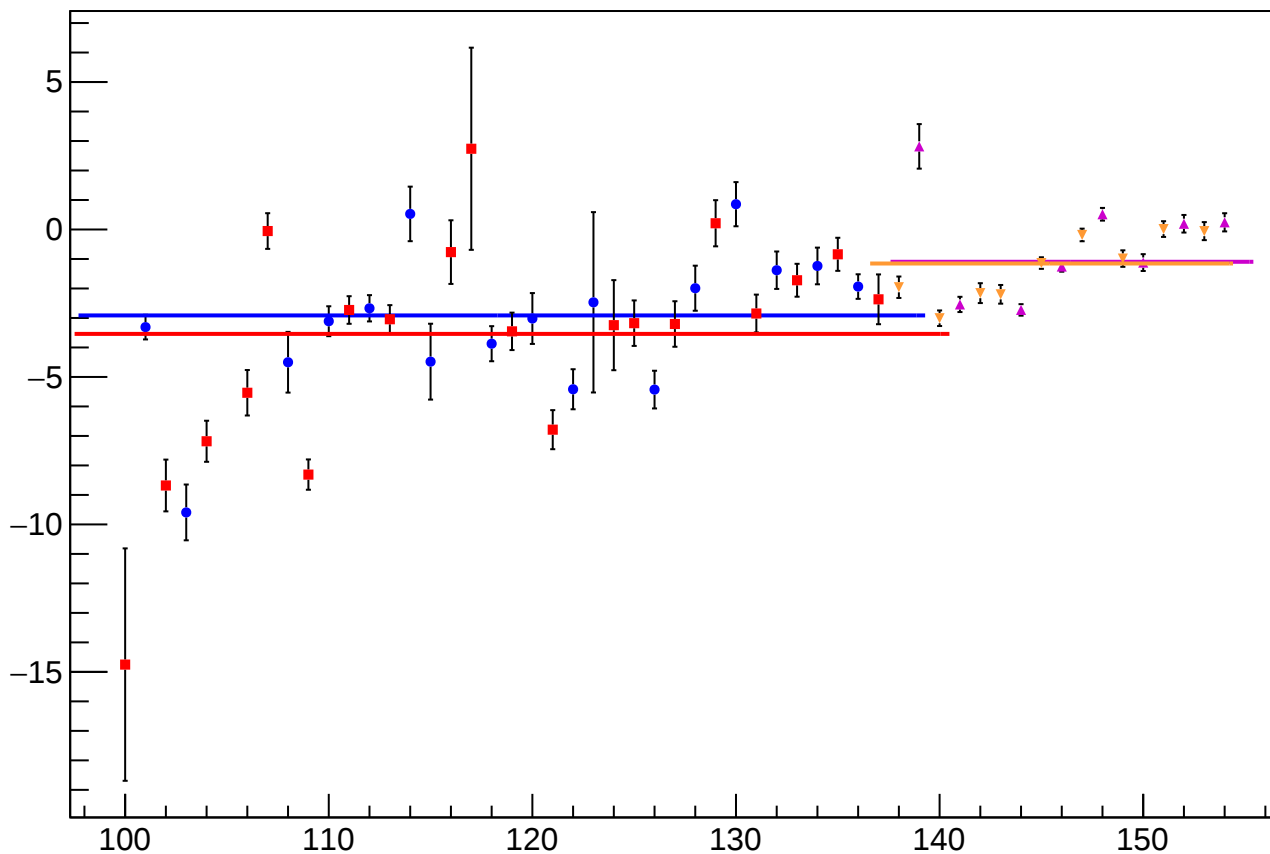
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.131+/-0.128 χ^2/NDF : 482.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.346+/-0.128 χ^2/NDF : 332.0/7

3.131+/-0.128 χ^2/NDF : 482.8/8
 1.346+/-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: -1.154 ± 0.089 $\chi^2/\text{NDF}: 127.1/8$

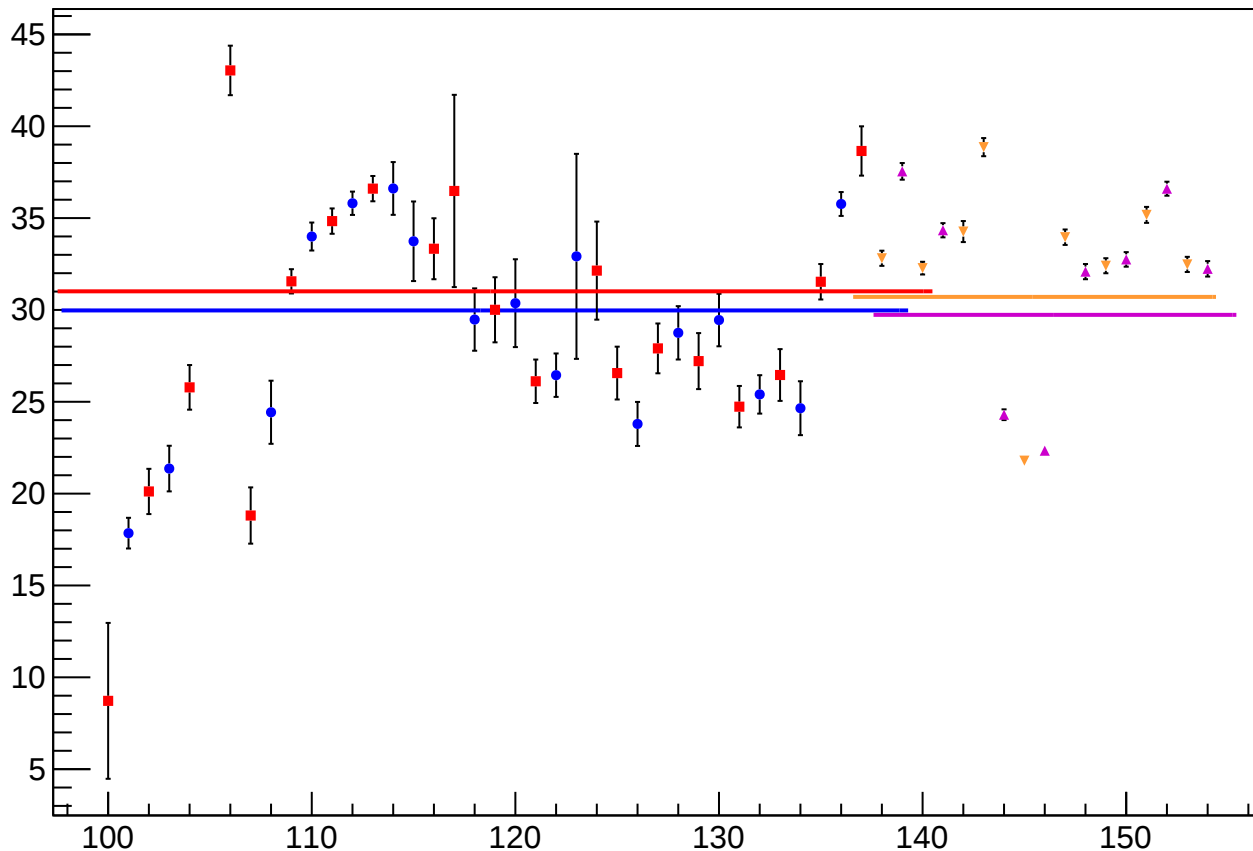
Right Out: -3.540 ± 0.154 $\chi^2/\text{NDF}: 294.2/19$

Left In: -1.095 ± 0.087 $\chi^2/\text{NDF}: 222.6/7$

-1.591 ± 0.077 $\chi^2/\text{NDF}: 370.3/25$

-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 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 30.710 $\pm$ 0.130 χ^2 /NDF:1736.9/8

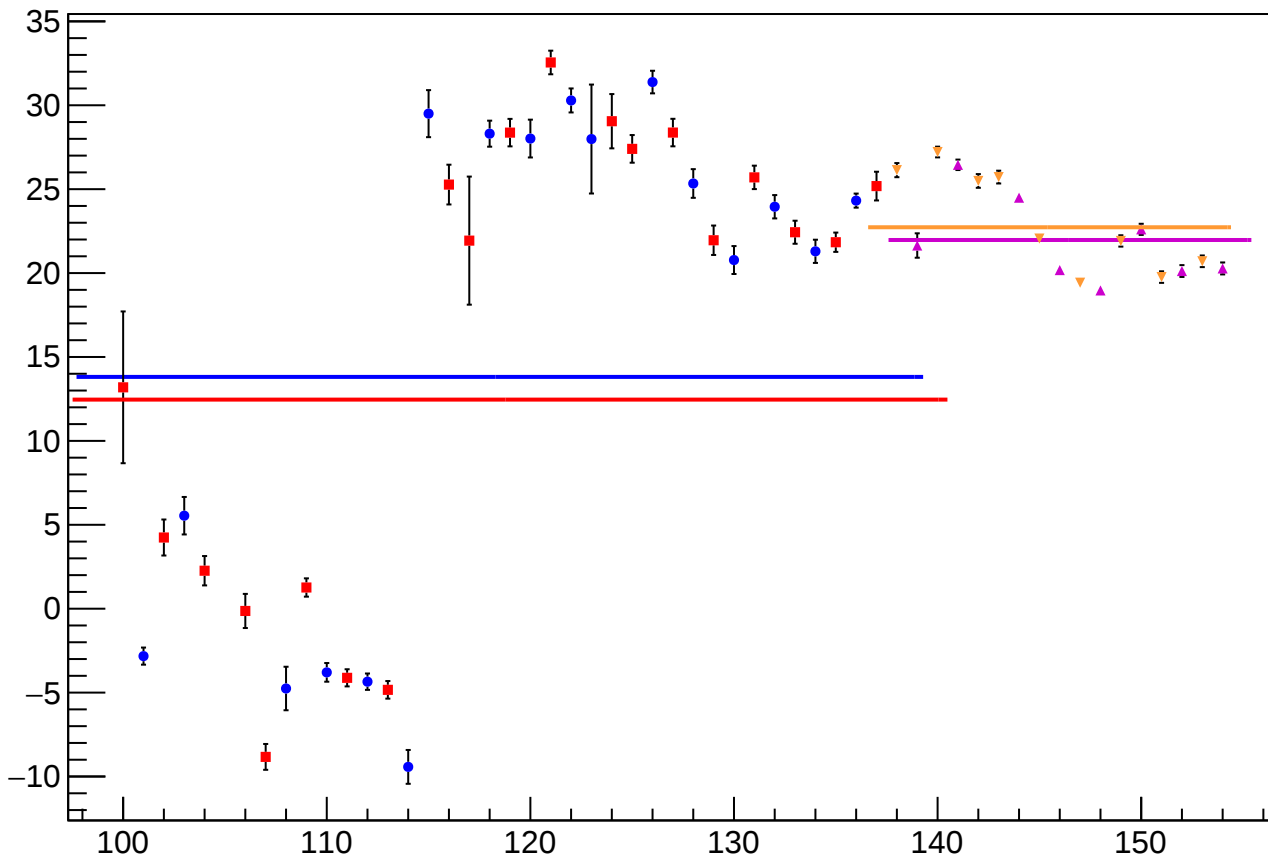
Right Out: 31.013 $\pm$ 0.260 χ^2 /NDF: 480.6/19

Left In: 29.732 $\pm$ 0.128 χ^2 /NDF:1967.4/7

30.568 $\pm$ 0.117 χ^2 /NDF: 2297.4/25

29.981 $\pm$ 0.115 χ^2 /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: 22.730 $\pm$ 0.109 χ^2 /NDF:617.9/8

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

20.201 $\pm$ 0.092 χ^2 /NDF: 9847.1/25

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: -0.091 ± 0.005 χ^2/NDF : 73.5/8

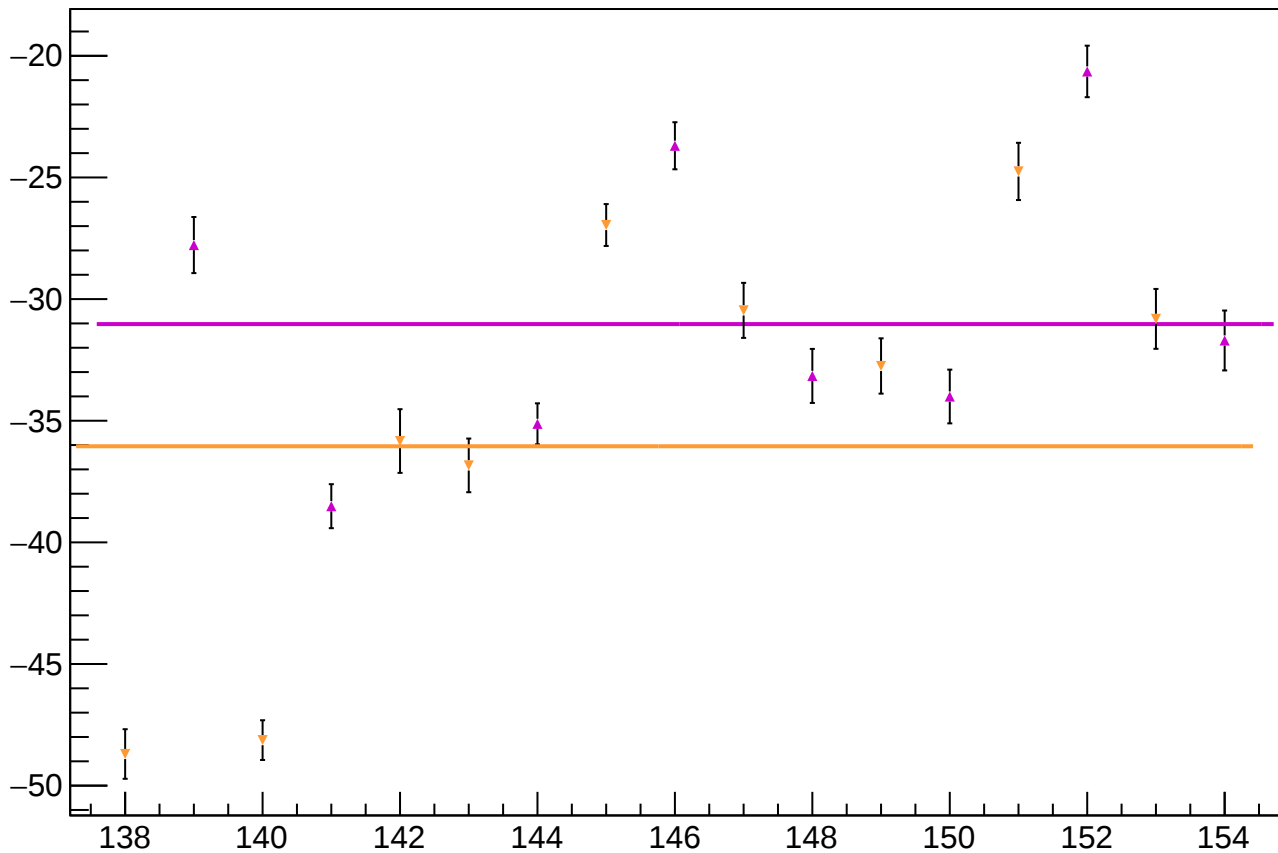
Right Out: 0.140 ± 0.009 χ^2/NDF : 3014.2/19

Left In: -0.091 ± 0.005 χ^2/NDF : 77.6/7

-0.019 ± 0.005 χ^2/NDF : 1672.8/25

-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: -36.050+/-0.350 χ^2/NDF : 628.2/8

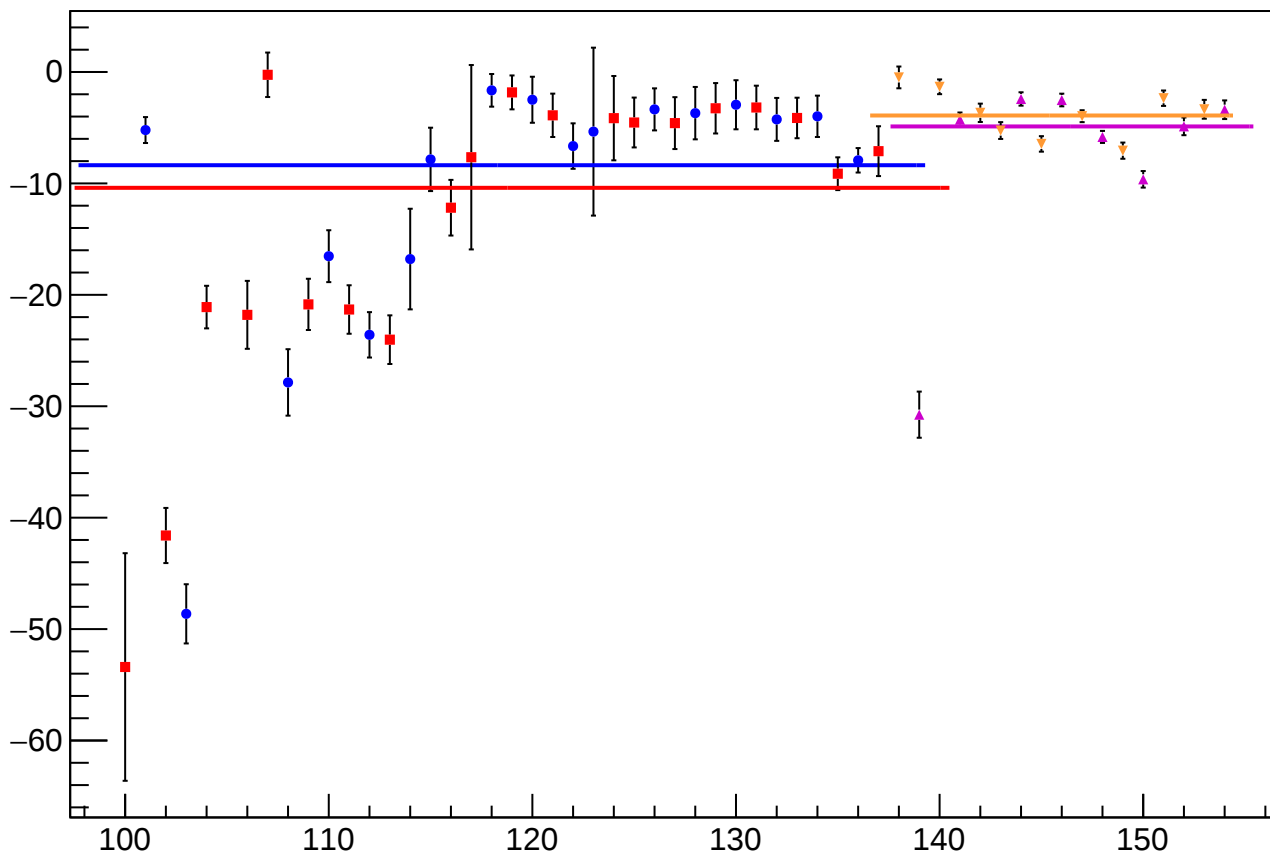
-36.050+/-0.350 χ^2/NDF : 628.2/8

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: -3.904 ± 0.239 χ^2/NDF : 68.5/8

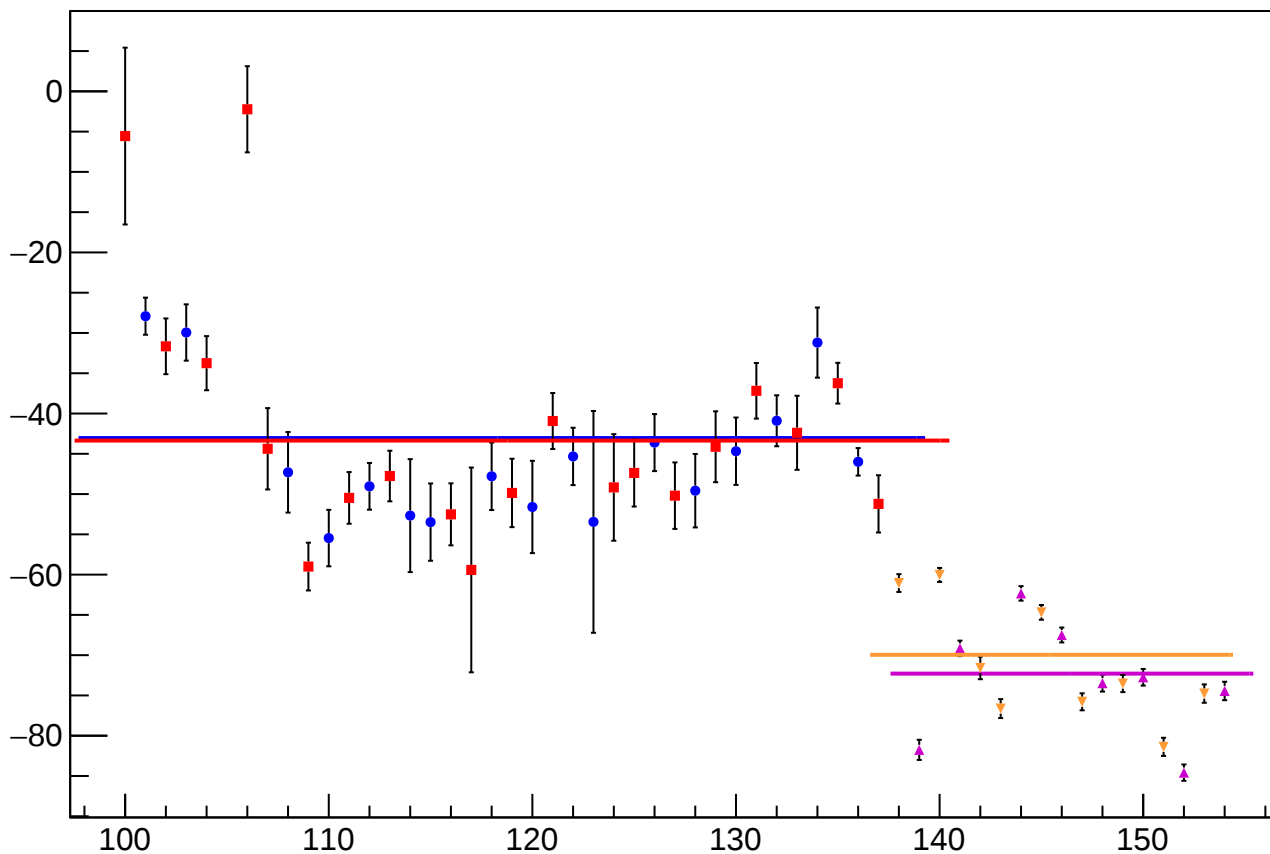
Right Out: -10.396 ± 0.490 χ^2/NDF : 430.4/19

Left In: -4.887 ± 0.244 χ^2/NDF : 238.3/7

-4.834 ± 0.213 χ^2/NDF : 549.8/25

-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: -69.955±/0.356 χ^2/NDF :424.2/8

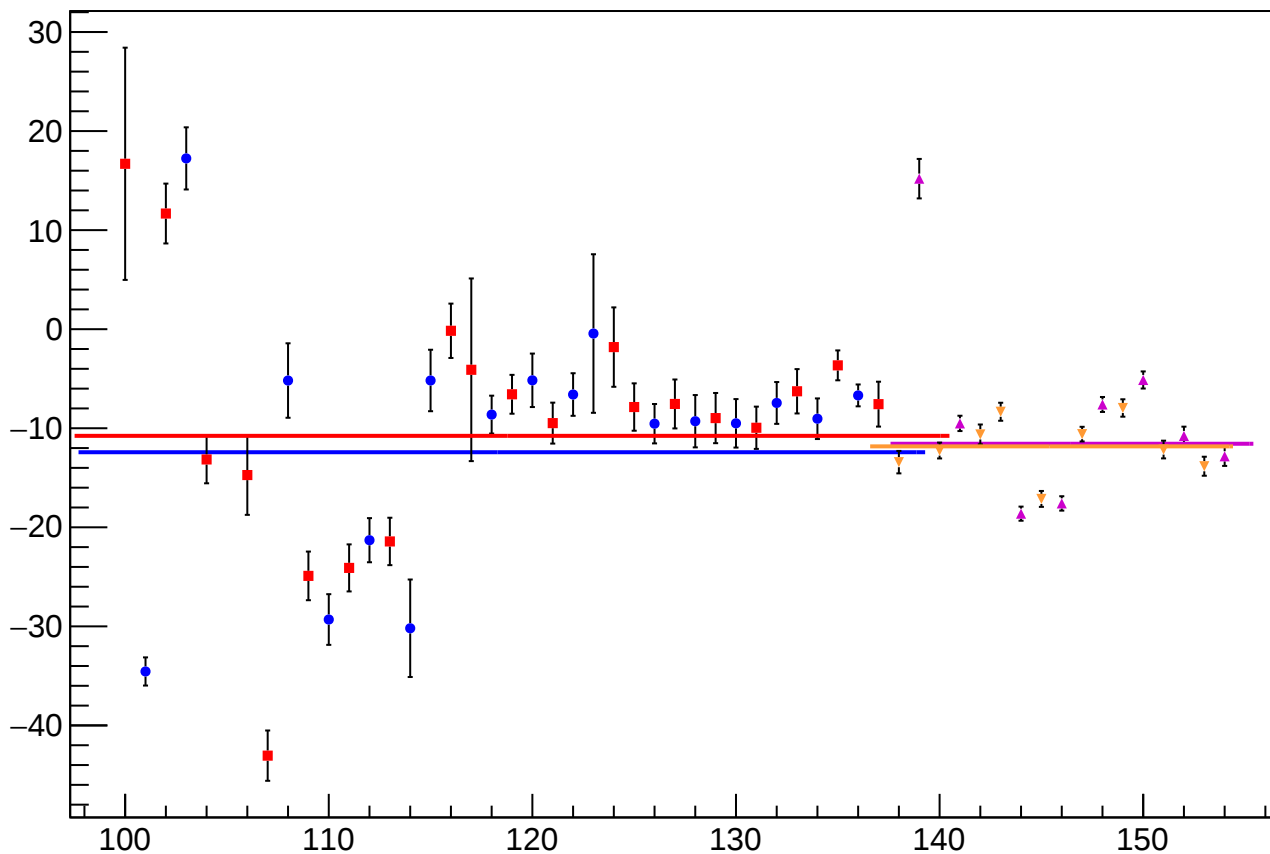
Right Out: -43.357±/0.865 χ^2/NDF : 156.0/19

Left In: -72.291±/0.360 χ^2/NDF :368.9/7

-65.842±/0.327 χ^2/NDF : 1398.1/25

-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 $\chi^2/\text{NDF}: 474.4/16$

-11.971 ± 0.256 $\chi^2/\text{NDF}: 564.2/25$

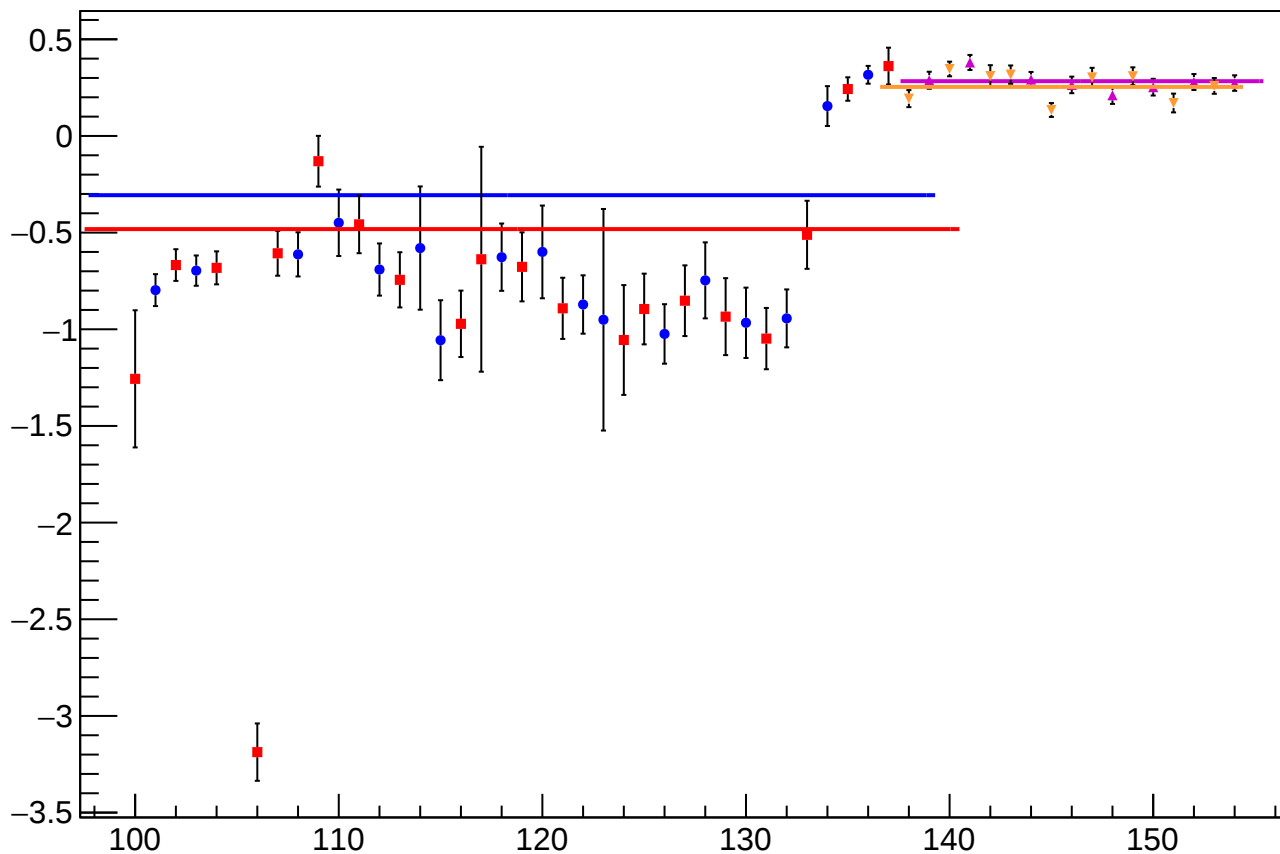
Left Out: -11.829 ± 0.294 $\chi^2/\text{NDF}: 88.9/8$

Right Out: -10.766 ± 0.553 $\chi^2/\text{NDF}: 366.3/19$

-11.383 ± 0.264 $\chi^2/\text{NDF}: 807.7/27$

Left In: -11.565 ± 0.300 $\chi^2/\text{NDF}: 439.7/7$

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: 0.254 ± 0.015 χ^2/NDF : 27.1/8

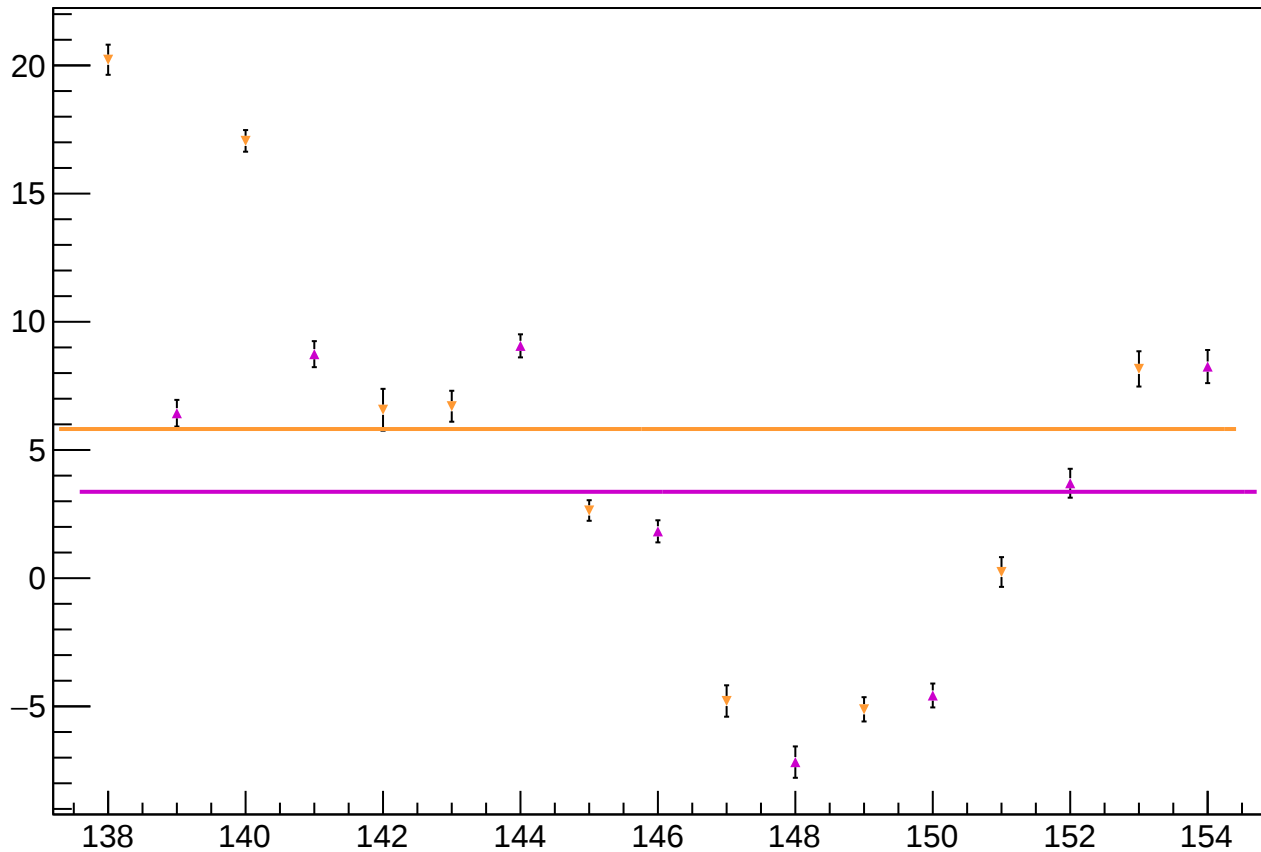
Right Out: -0.482 ± 0.029 χ^2/NDF : 628.3/19

Left In: 0.283 ± 0.015 χ^2/NDF : 9.7/7

0.130 ± 0.013 χ^2/NDF : 720.5/25

0.123 ± 0.013 χ^2/NDF : 1204.9/27

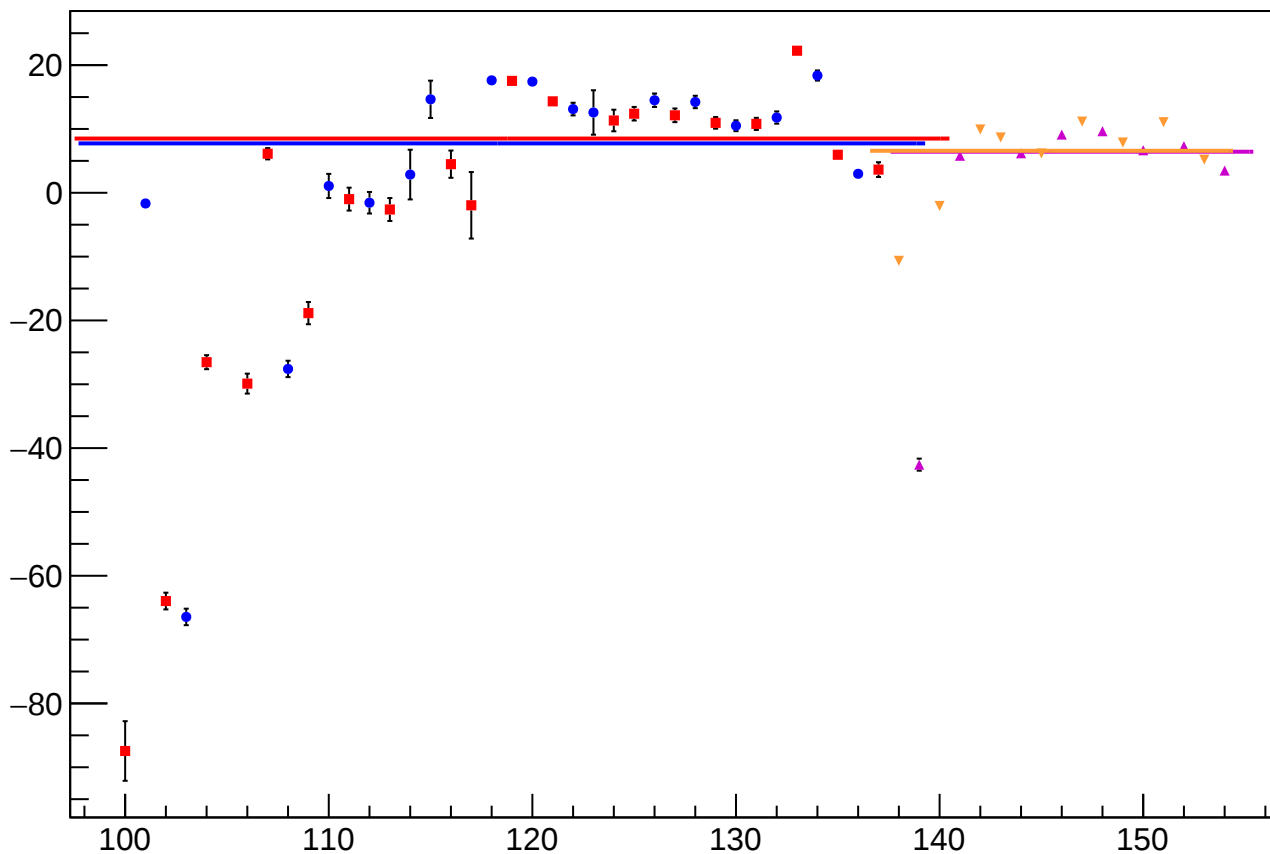
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.818 $\pm$ 0.179 χ^2 /NDF:2311.9/8
 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

5.818 $\pm$ 0.179 χ^2 /NDF: 2311.9/8
 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: 6.578 $\pm$ 0.124 χ^2 /NDF: 1952.3/8

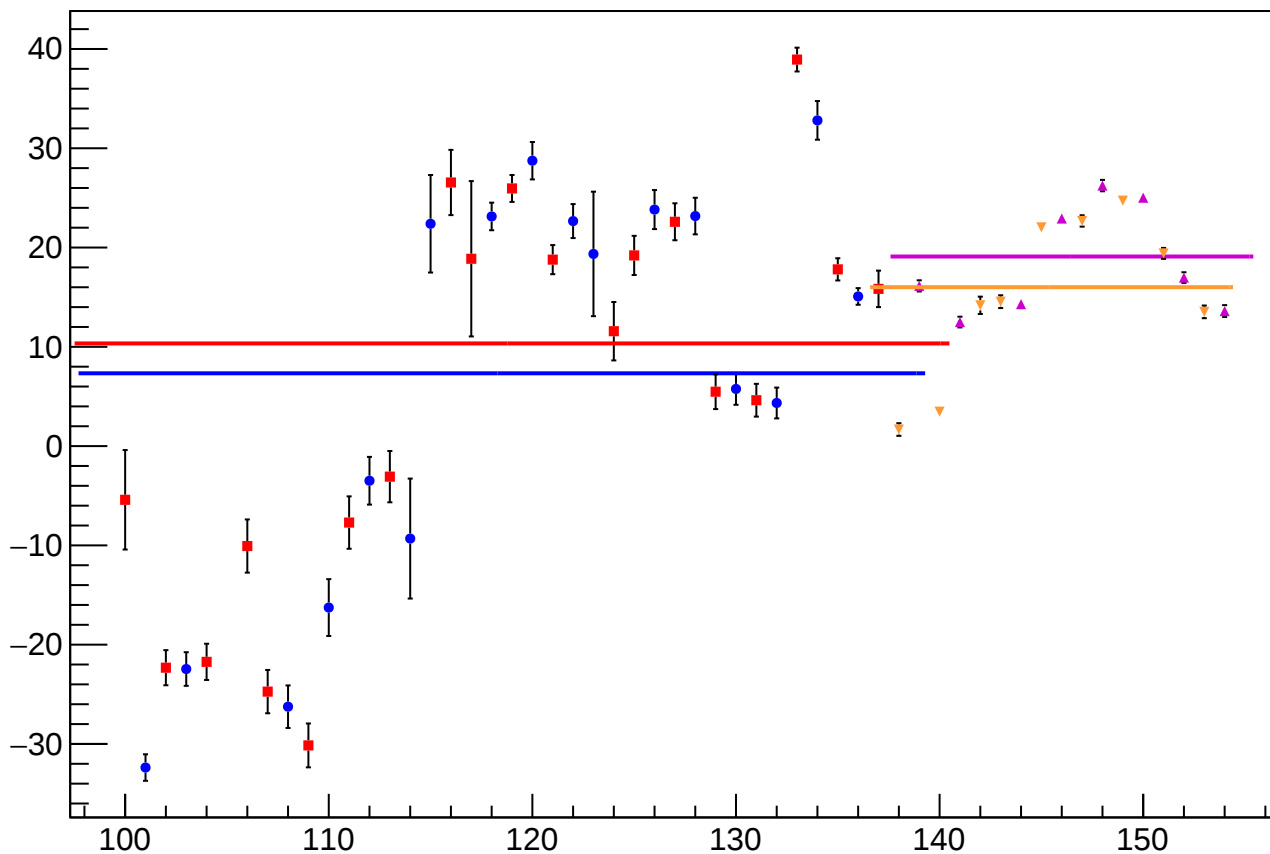
Right Out: 8.496 $\pm$ 0.213 χ^2 /NDF: 6723.5/19

Left In: 6.434 $\pm$ 0.126 χ^2 /NDF: 2952.5/7

6.862 $\pm$ 0.108 χ^2 /NDF: 7274.2/25

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: 16.008+/-0.181 χ^2/NDF : 2070.4/8

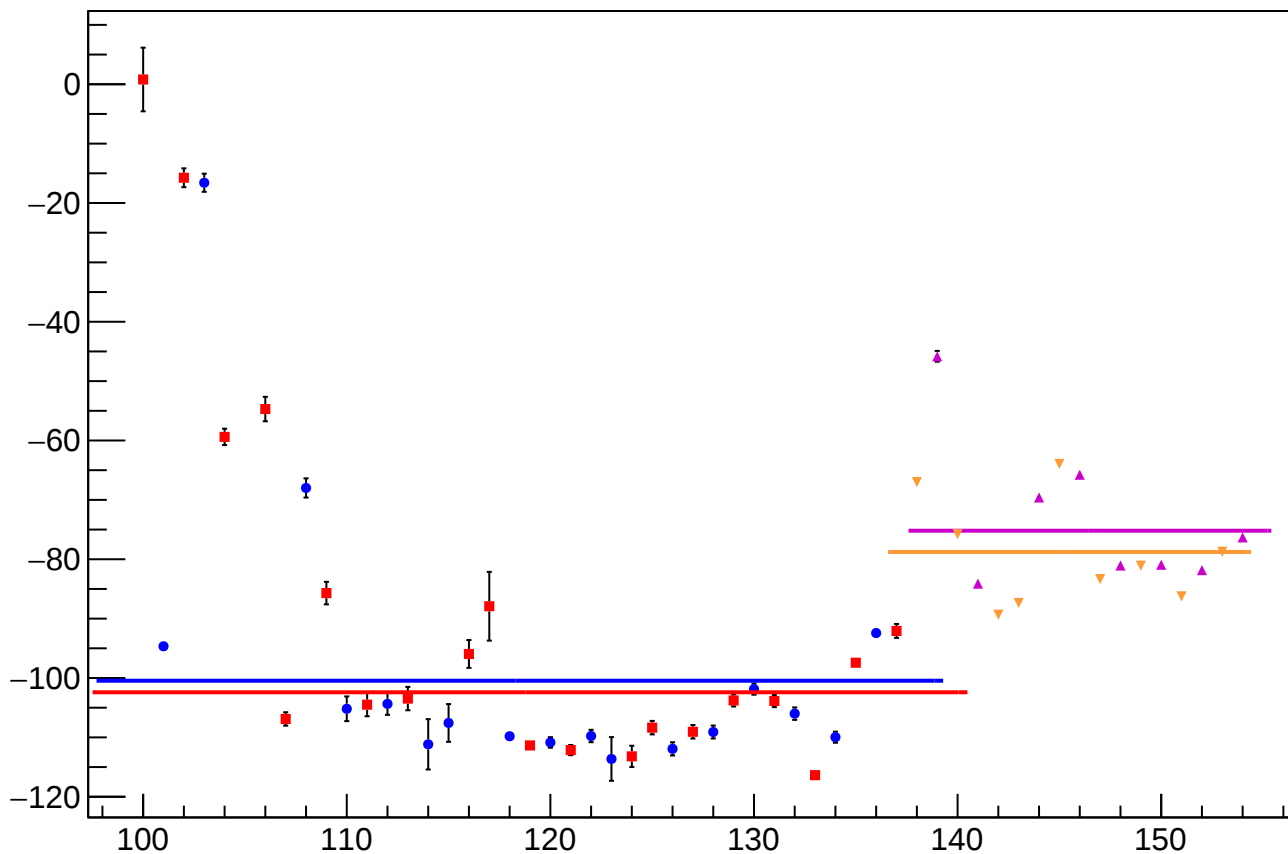
Right Out: 10.342+/-0.416 χ^2/NDF : 2282.7/19

Left In: 19.096+/-0.179 χ^2/NDF : 800.5/7

14.642+/-0.166 χ^2/NDF : 4725.4/25

17.731+/-0.164 χ^2/NDF : 3456.5/27

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.457 ± 0.251 χ^2/NDF : 4461.1/16

Left Out: -78.773 ± 0.152 χ^2/NDF : 2921.5/8

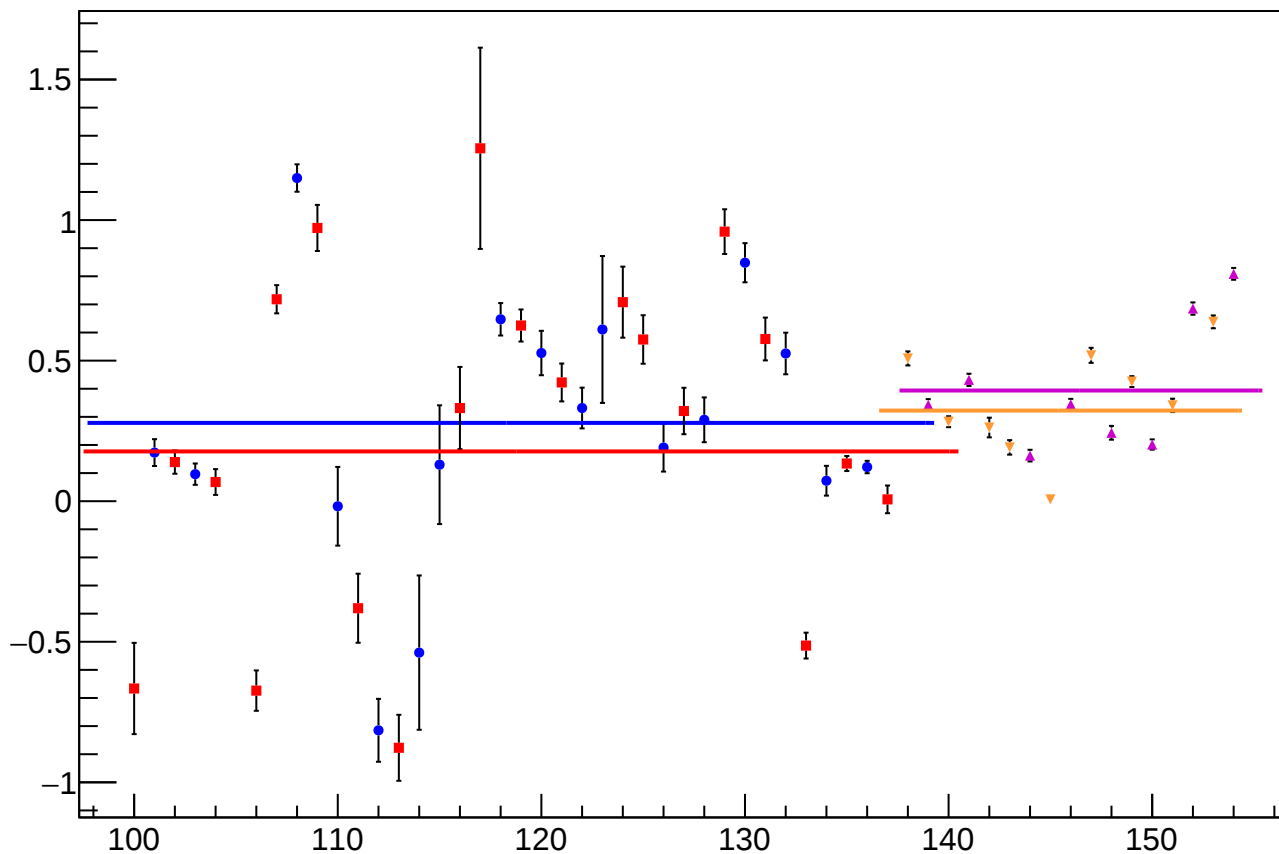
Right Out: -102.405 ± 0.246 χ^2/NDF : 6100.6/19

Left In: -75.194 ± 0.153 χ^2/NDF : 3052.1/7

-84.578 ± 0.130 χ^2/NDF : 12859.1/25

-82.770 ± 0.130 χ^2/NDF : 17978.8/27

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: 0.322 $\pm$ 0.007 χ^2/NDF : 721.4/8

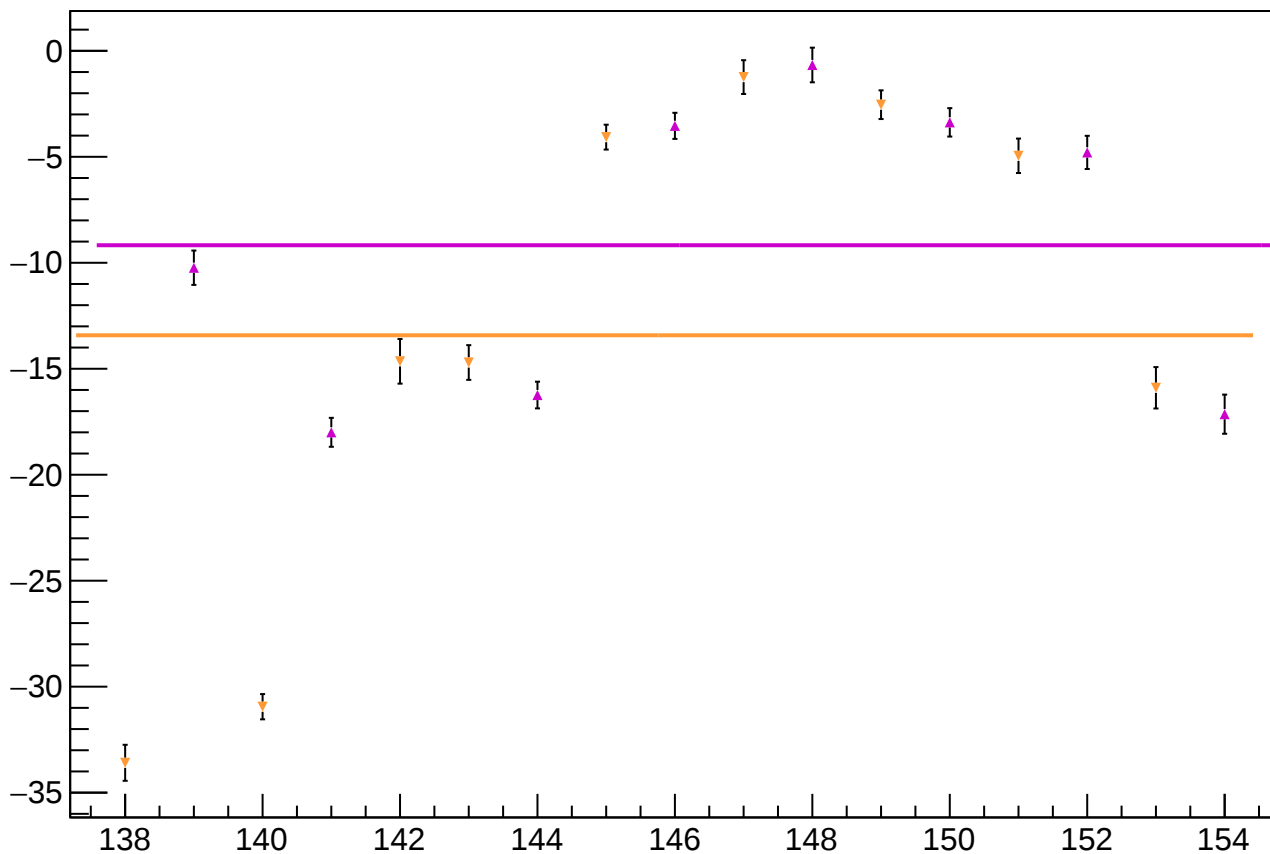
Right Out: 0.177 $\pm$ 0.013 χ^2/NDF : 976.8/19

Left In: 0.394 $\pm$ 0.007 χ^2/NDF : 854.5/7

0.312 $\pm$ 0.007 χ^2/NDF : 1383.4/25

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: -13.421+/-0.251 χ^2/NDF : 2293.2/8

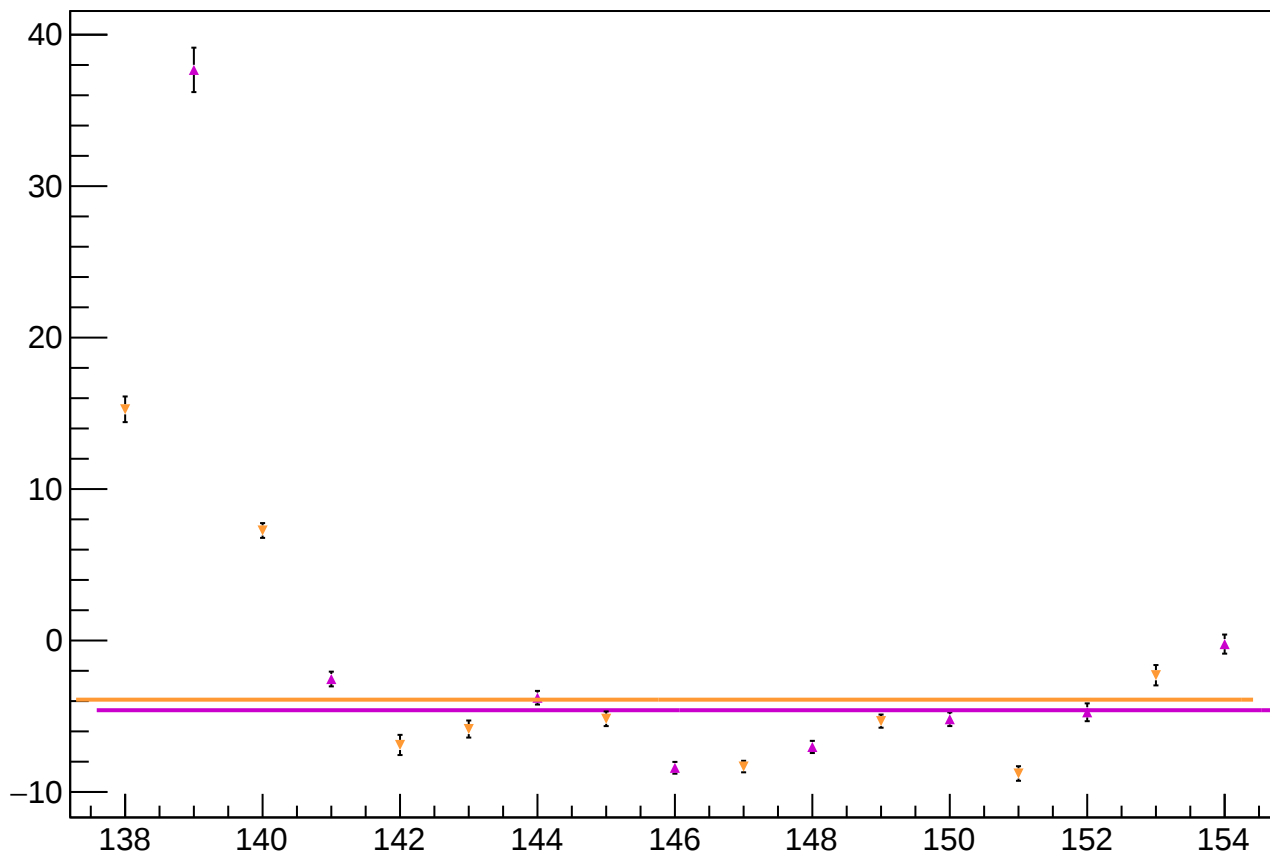
-13.421+/-0.251 χ^2/NDF : 2293.2/8

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: -3.905+/-0.172 χ^2/NDF : 1326.1/8

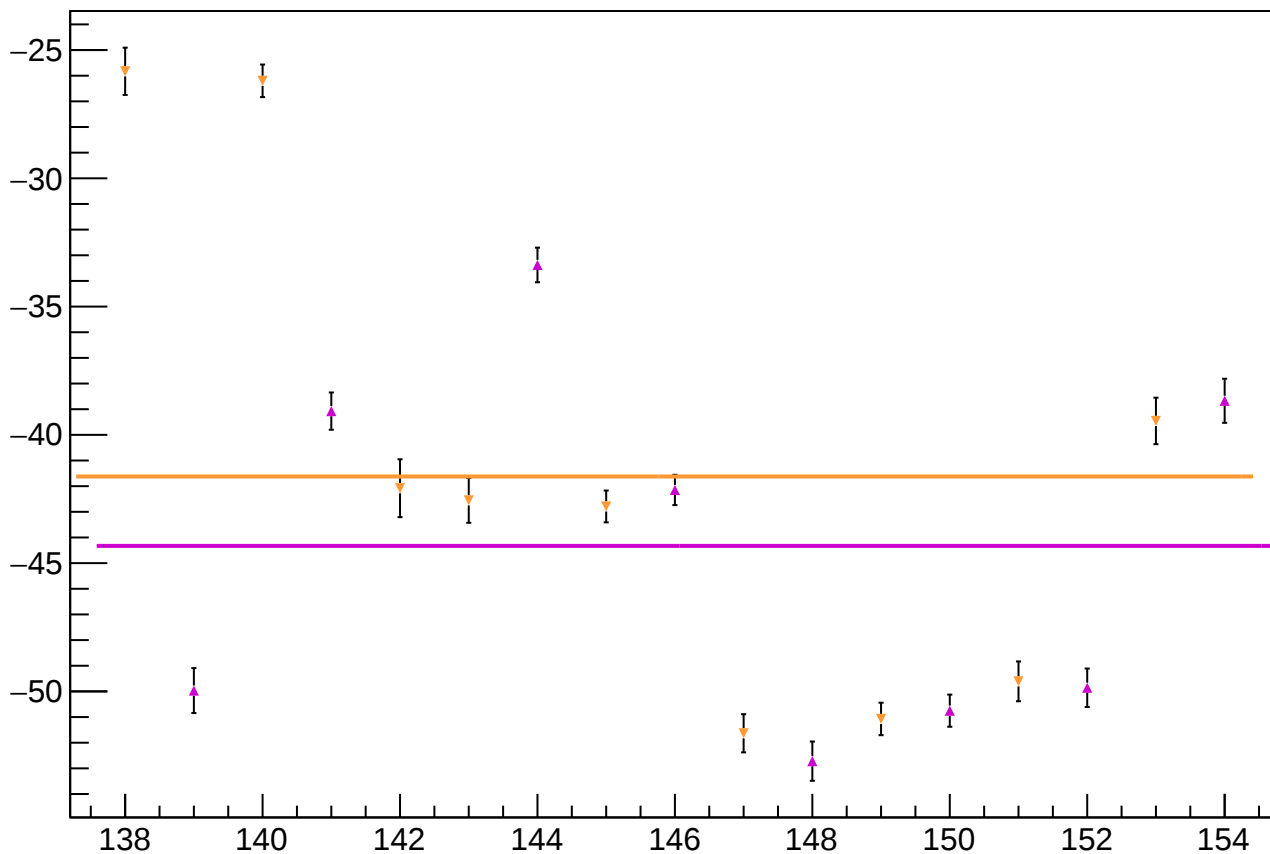
-3.905+/-0.172 χ^2/NDF : 1326.1/8

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: -41.622+/-0.254 χ^2/NDF :1404.4/8

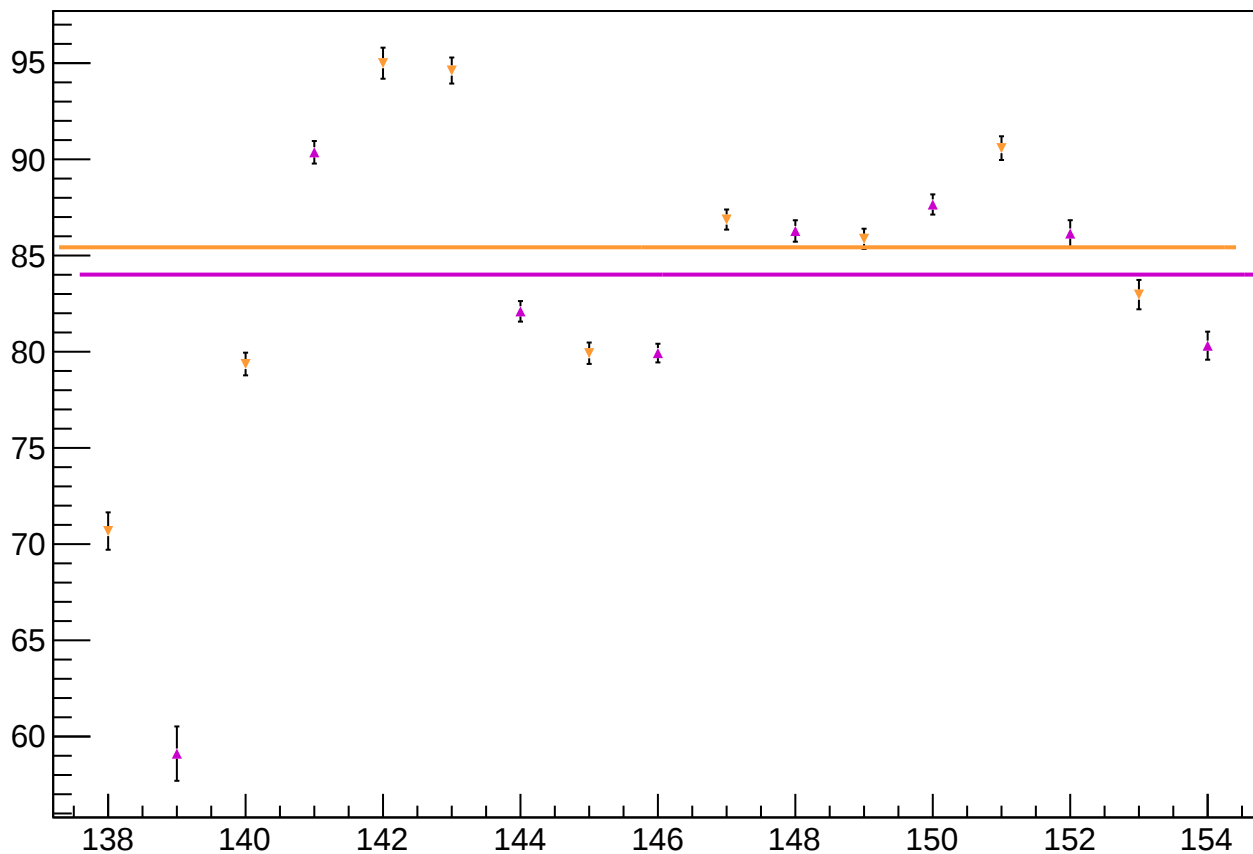
-41.622+/-0.254 χ^2/NDF : 1404.4/8

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

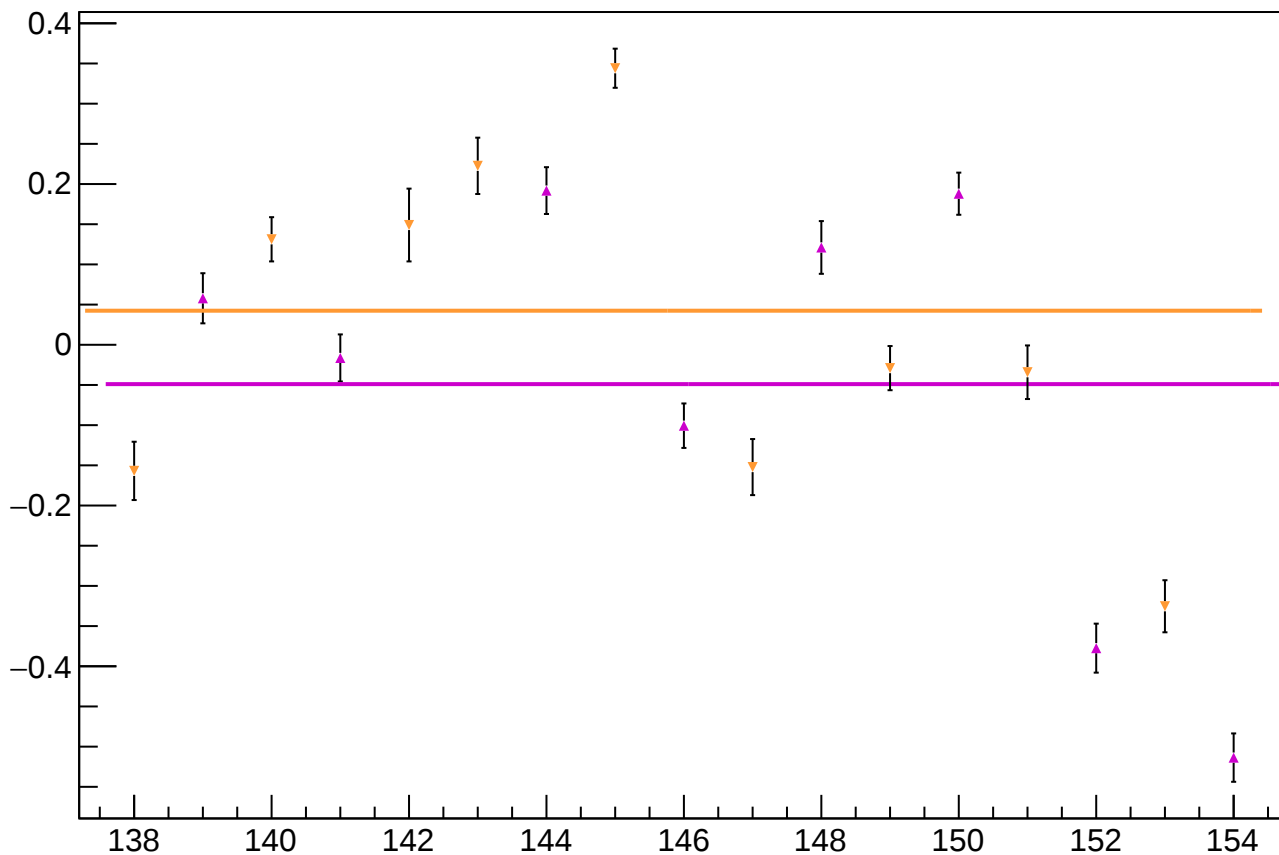
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.428+/-0.211 χ^2/NDF : 848.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 84.009+/-0.213 χ^2/NDF : 611.9/7

85.428+/-0.211 χ^2/NDF : 848.1/8
 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: 0.042 $\pm$ 0.011 χ^2 /NDF: 398.2/8

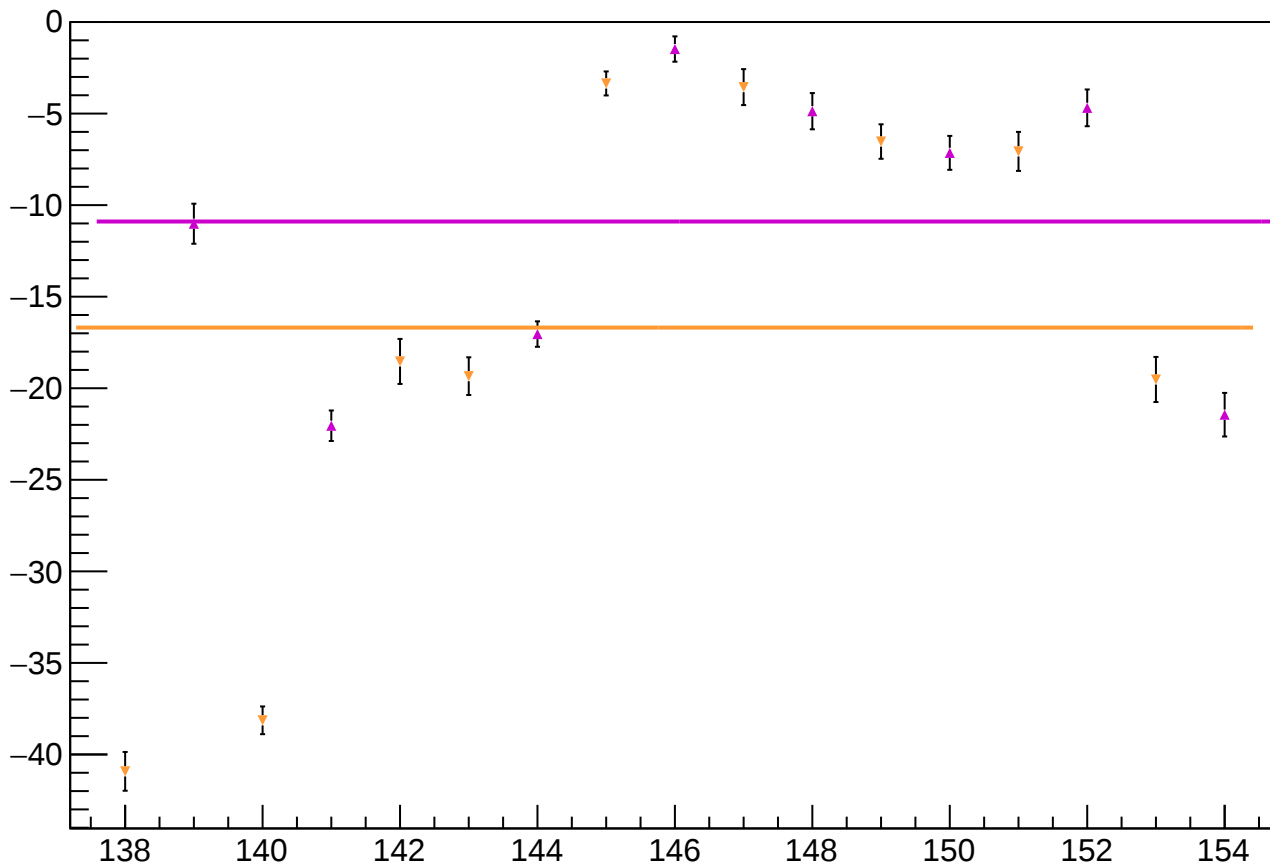
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.049 $\pm$ 0.010 χ^2 /NDF: 548.0/7

0.042 $\pm$ 0.011 χ^2 /NDF: 398.2/8

-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: -16.687+/-0.312 χ^2/NDF : 2132.8/8

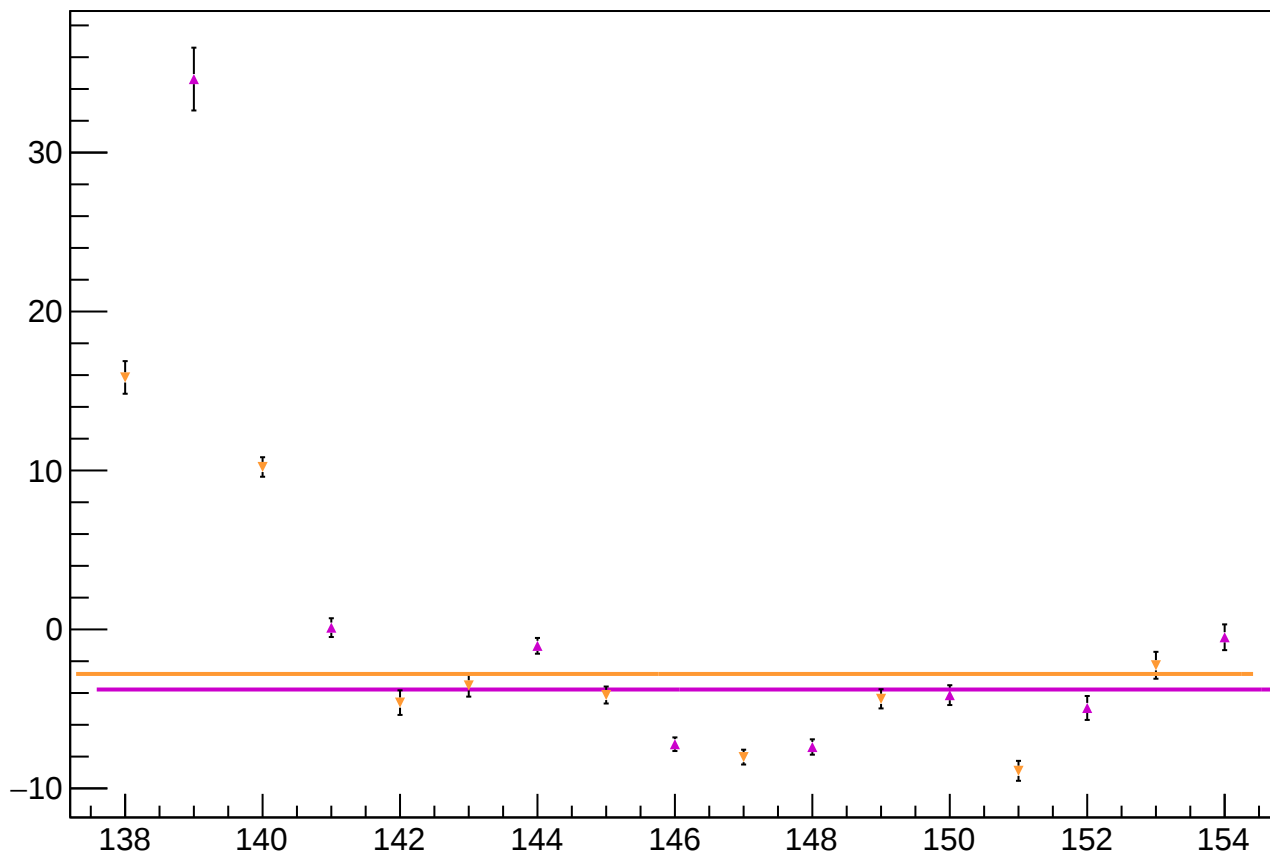
-16.687+/-0.312 χ^2/NDF : 2132.8/8

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: -2.801+/-0.213 χ^2/NDF : 1018.7/8

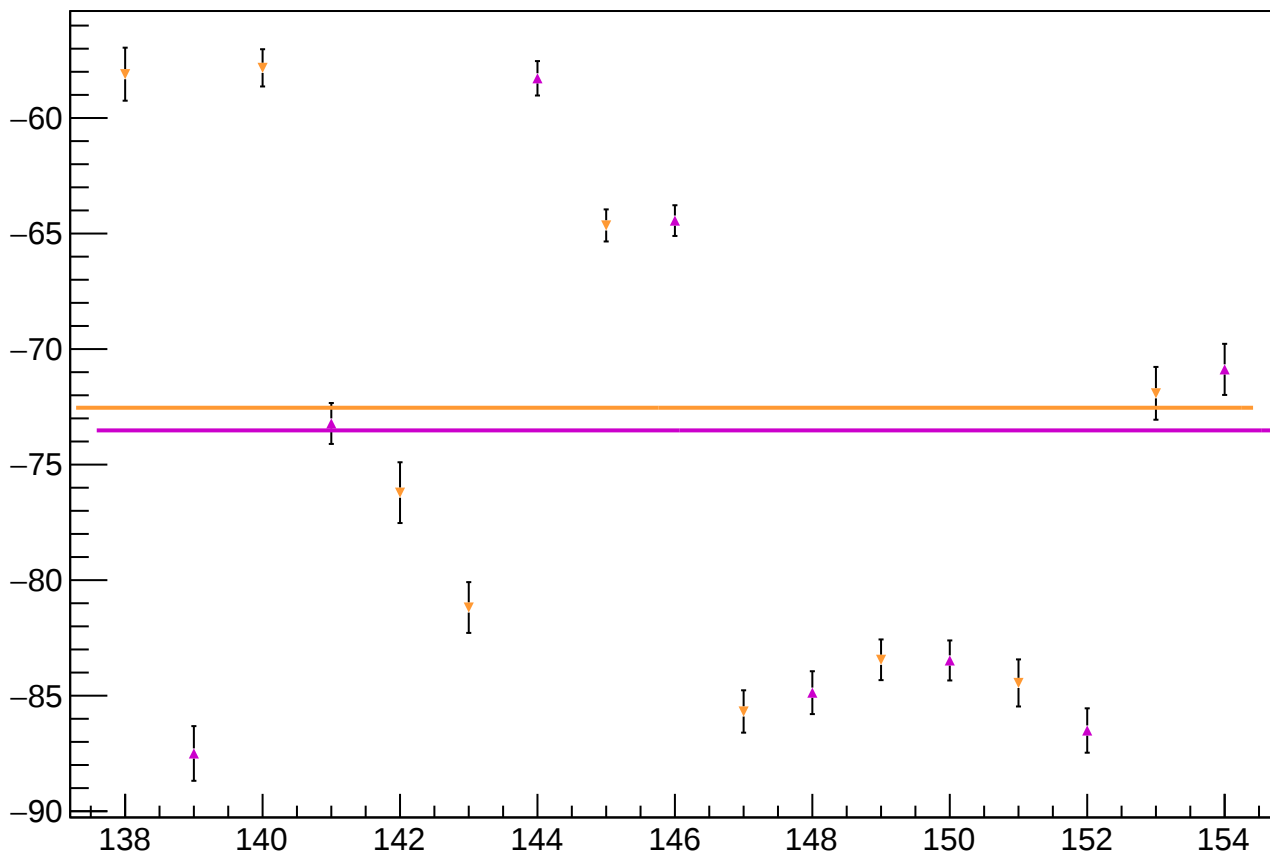
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.780+/-0.210 χ^2/NDF : 591.6/7

-2.801+/-0.213 χ^2/NDF : 1018.7/8

-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: -72.539+/-0.316 χ^2/NDF :1186.3/8

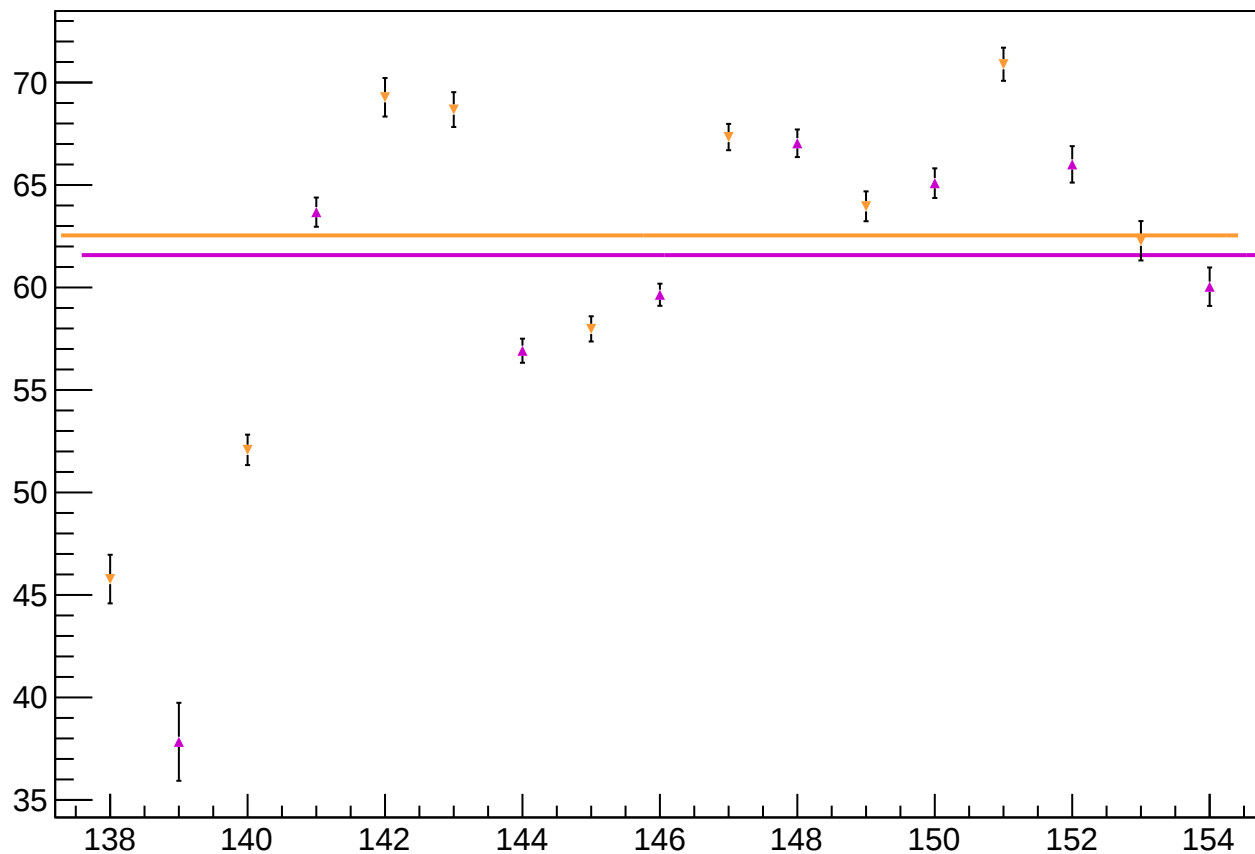
-72.539+/-0.316 χ^2/NDF : 1186.3/8

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

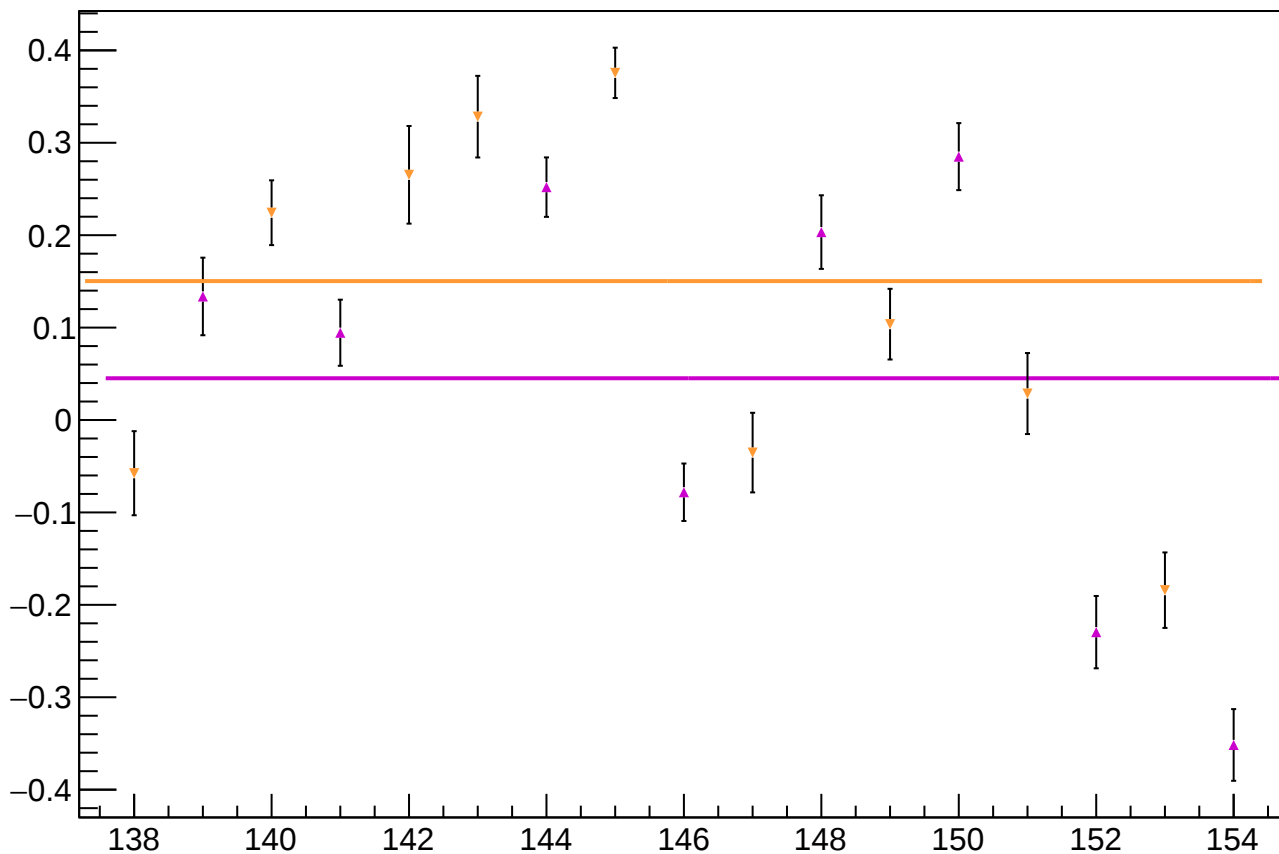
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 62.541 $\pm$ 0.262 χ^2 /NDF: 723.2/8
 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

62.541 $\pm$ 0.262 χ^2 /NDF: 723.2/8
 61.578 $\pm$ 0.257 χ^2 /NDF: 356.7/7

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug

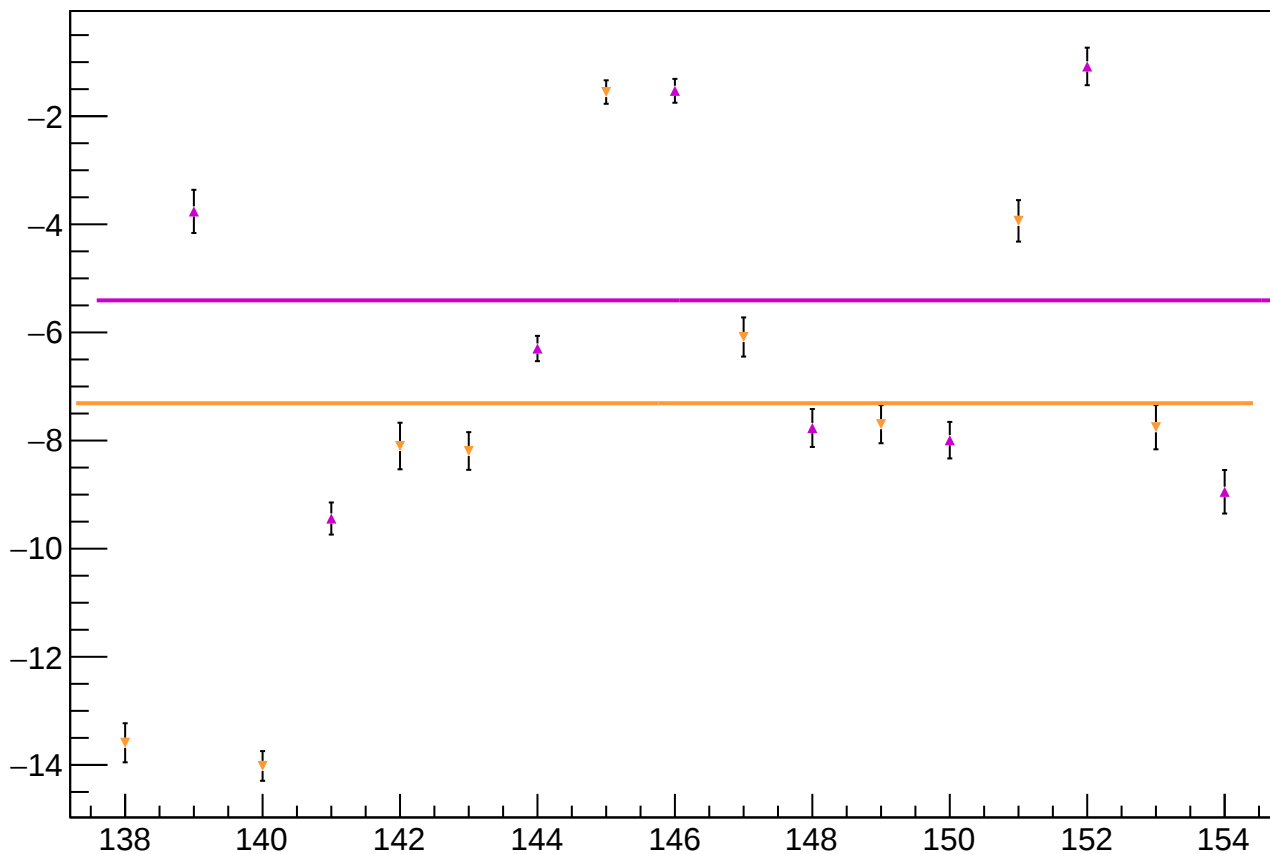


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.150 $\pm$ 0.013 χ^2 /NDF:209.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.045 $\pm$ 0.013 χ^2 /NDF:276.9/7

0.150 $\pm$ 0.013 χ^2 /NDF: 209.5/8

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

-7.309+/-0.109 χ^2/NDF : 1703.2/8

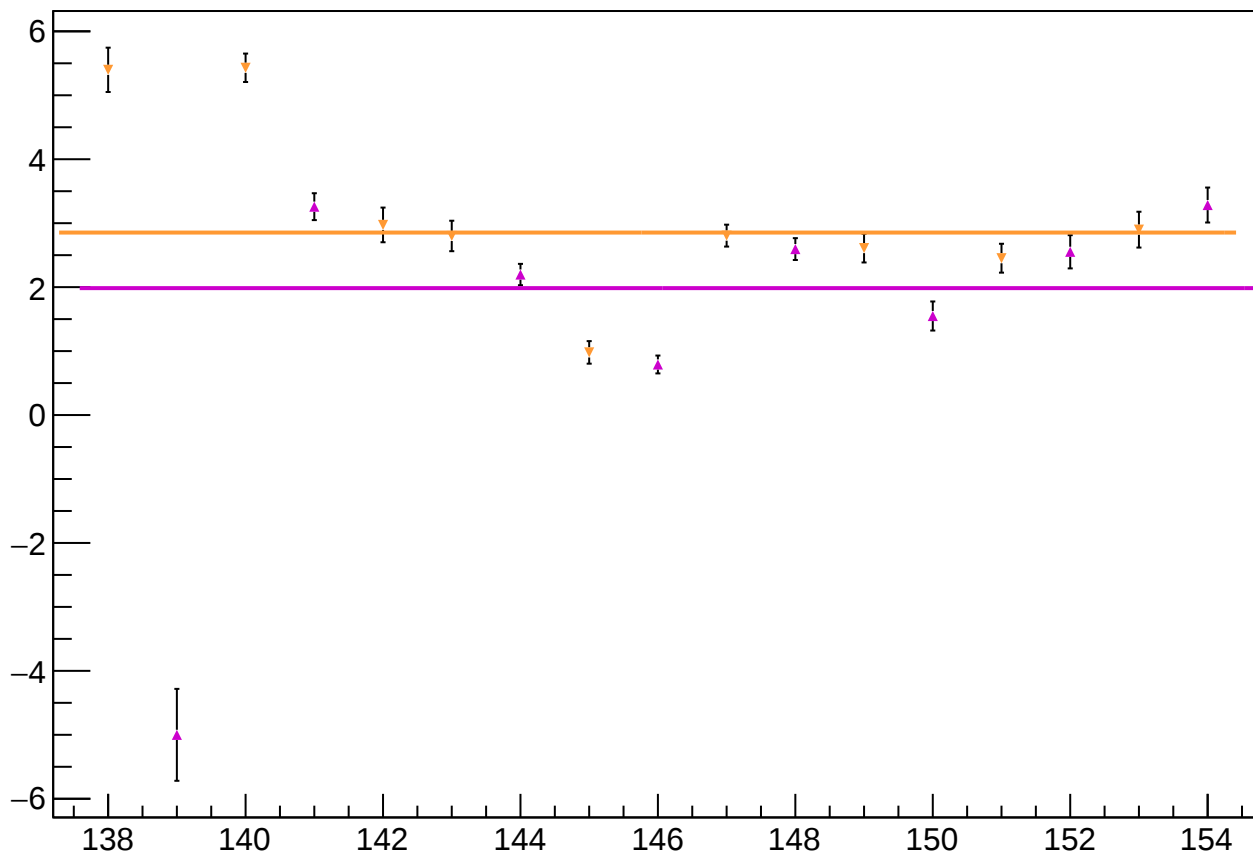
Left Out: -7.309+/-0.109 χ^2/NDF : 1703.2/8

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

-5.407+/-0.107 χ^2/NDF : 860.8/7

Left In: -5.407+/-0.107 χ^2/NDF : 860.8/7

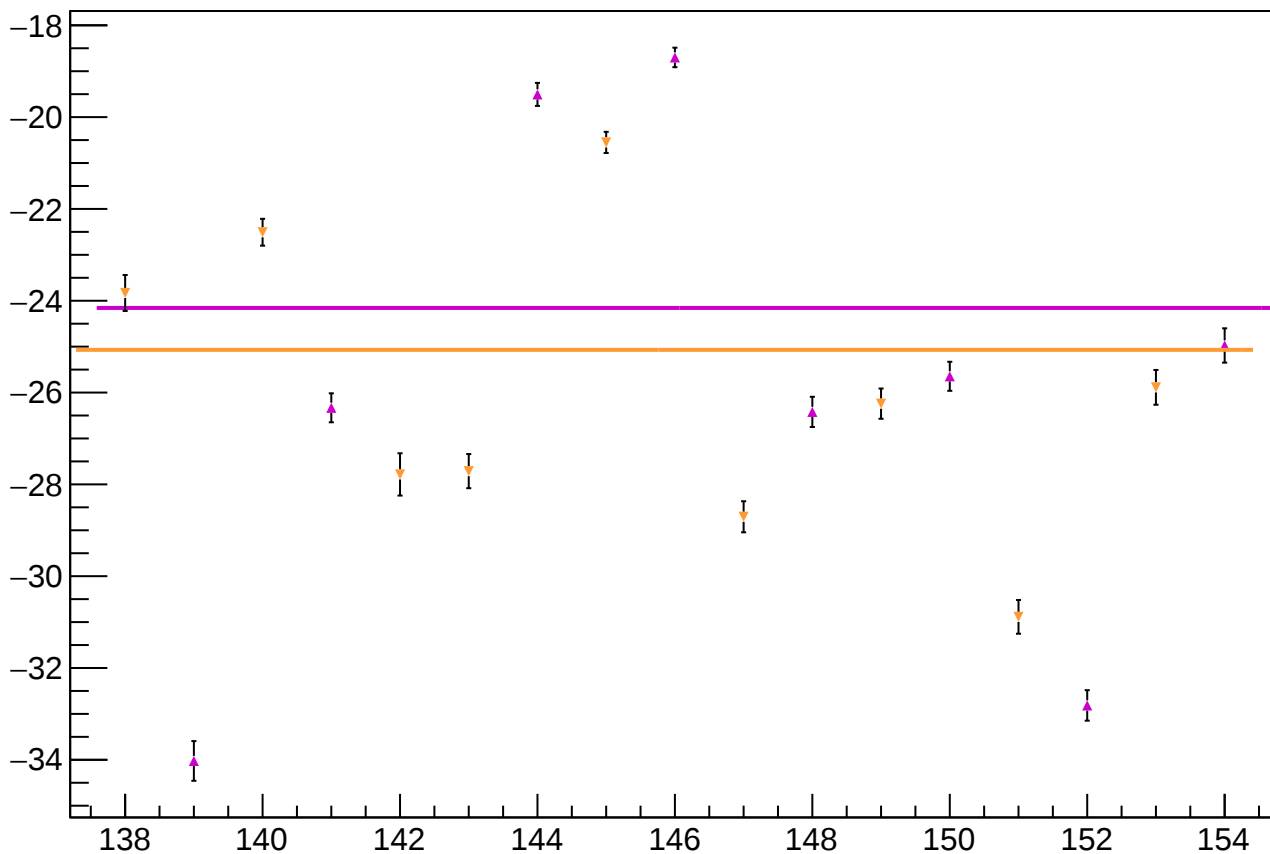
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.853+/-0.075 χ^2/NDF :305.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.984+/-0.072 χ^2/NDF :249.8/7

2.853+/-0.075 χ^2/NDF : 305.8/8
 1.984+/-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: -25.070+/-0.111 χ^2/NDF : 939.9/8

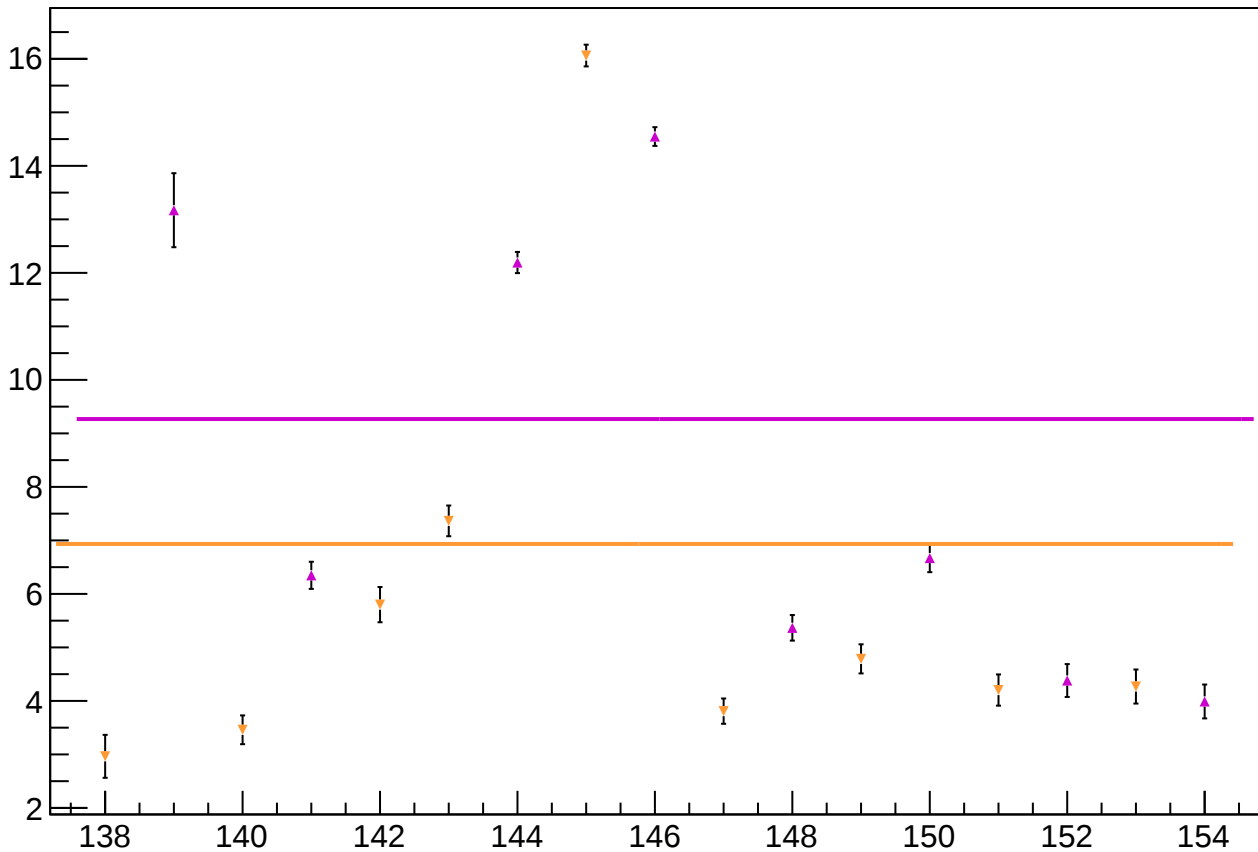
-25.070+/-0.111 χ^2/NDF : 939.9/8

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

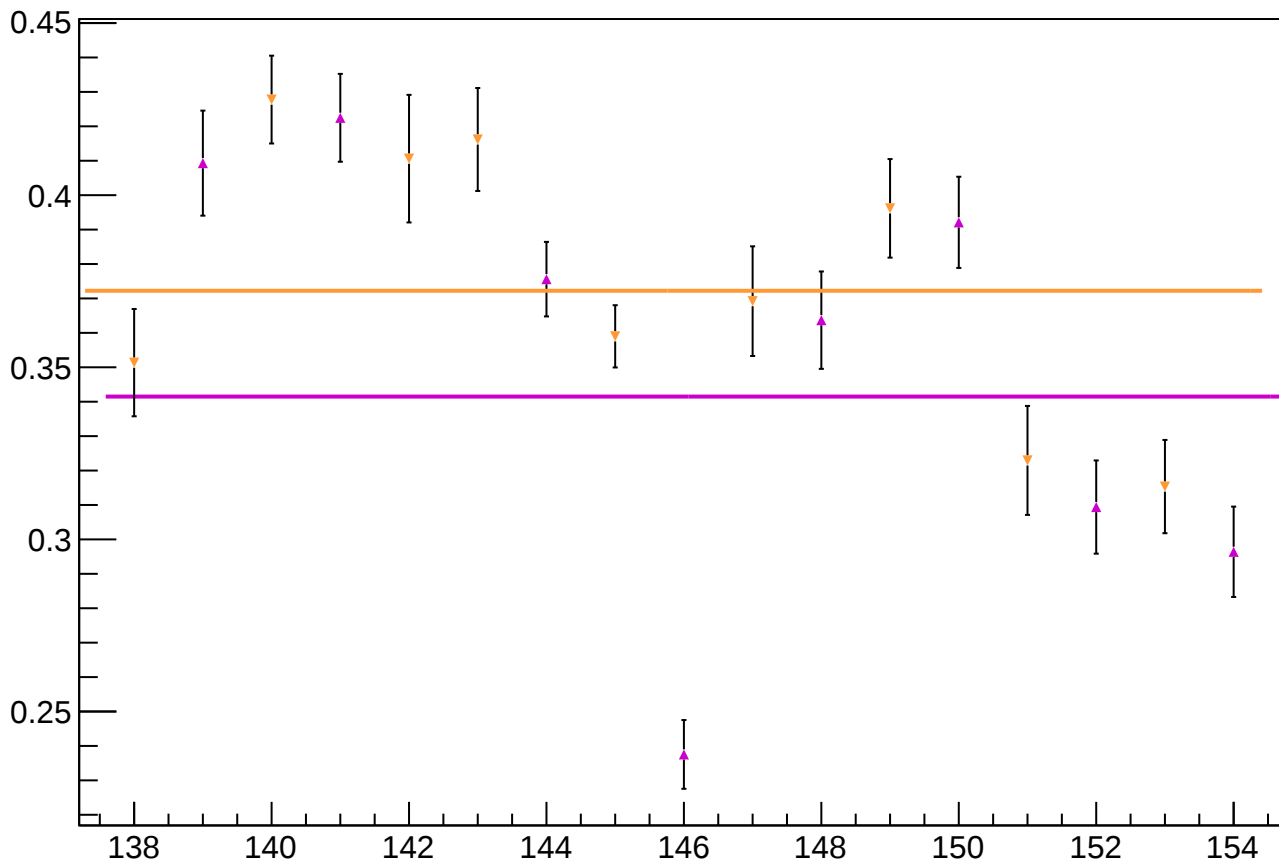
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.934+/-0.092 χ^2/NDF :2690.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.268+/-0.088 χ^2/NDF :2188.6/7

6.934+/-0.092 χ^2/NDF : 2690.8/8
 9.268+/-0.088 χ^2/NDF : 2188.6/7

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.372 $\pm$ 0.005 χ^2 /NDF: 66.0/8

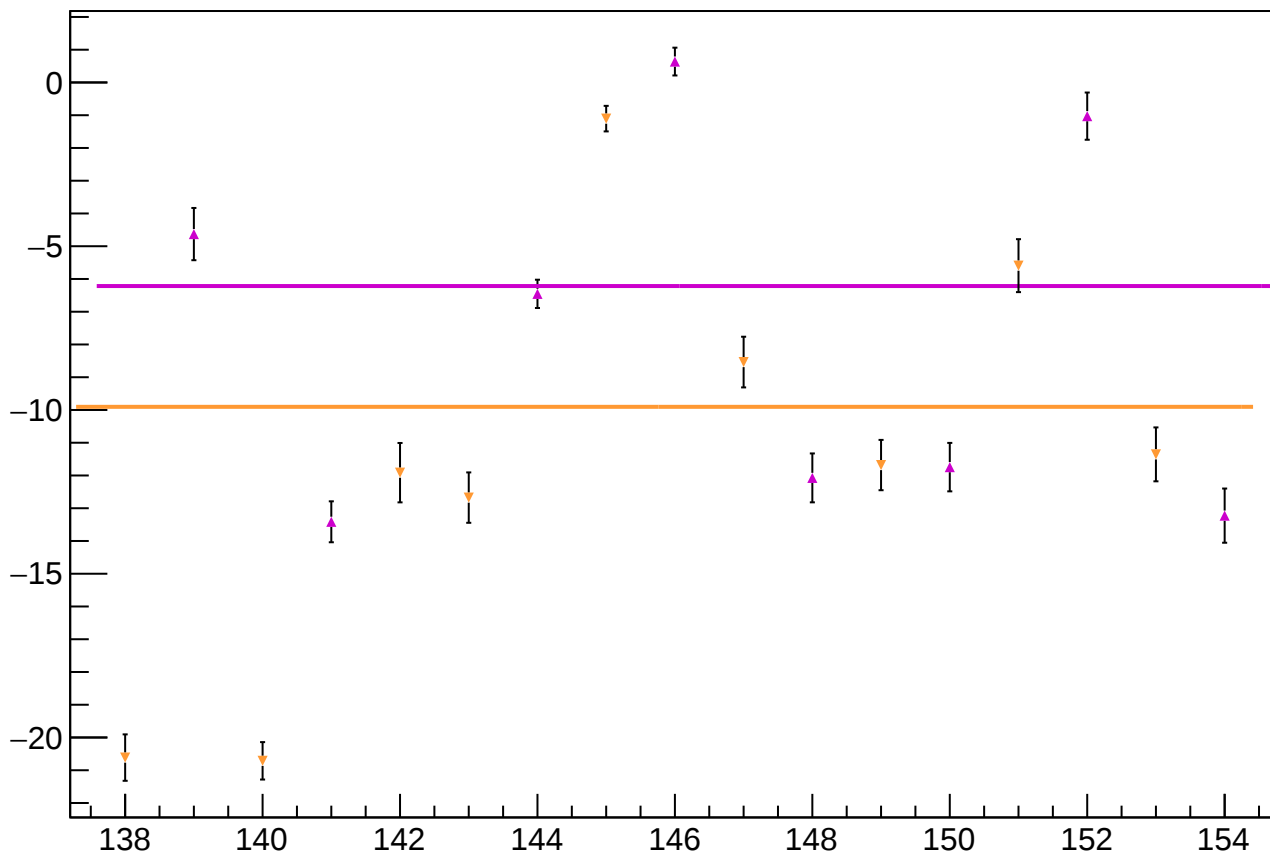
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.341 $\pm$ 0.004 χ^2 /NDF: 212.8/7

0.372 $\pm$ 0.005 χ^2 /NDF: 66.0/8

0.341 $\pm$ 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: -9.904+/-0.219 χ^2/NDF : 1153.0/8

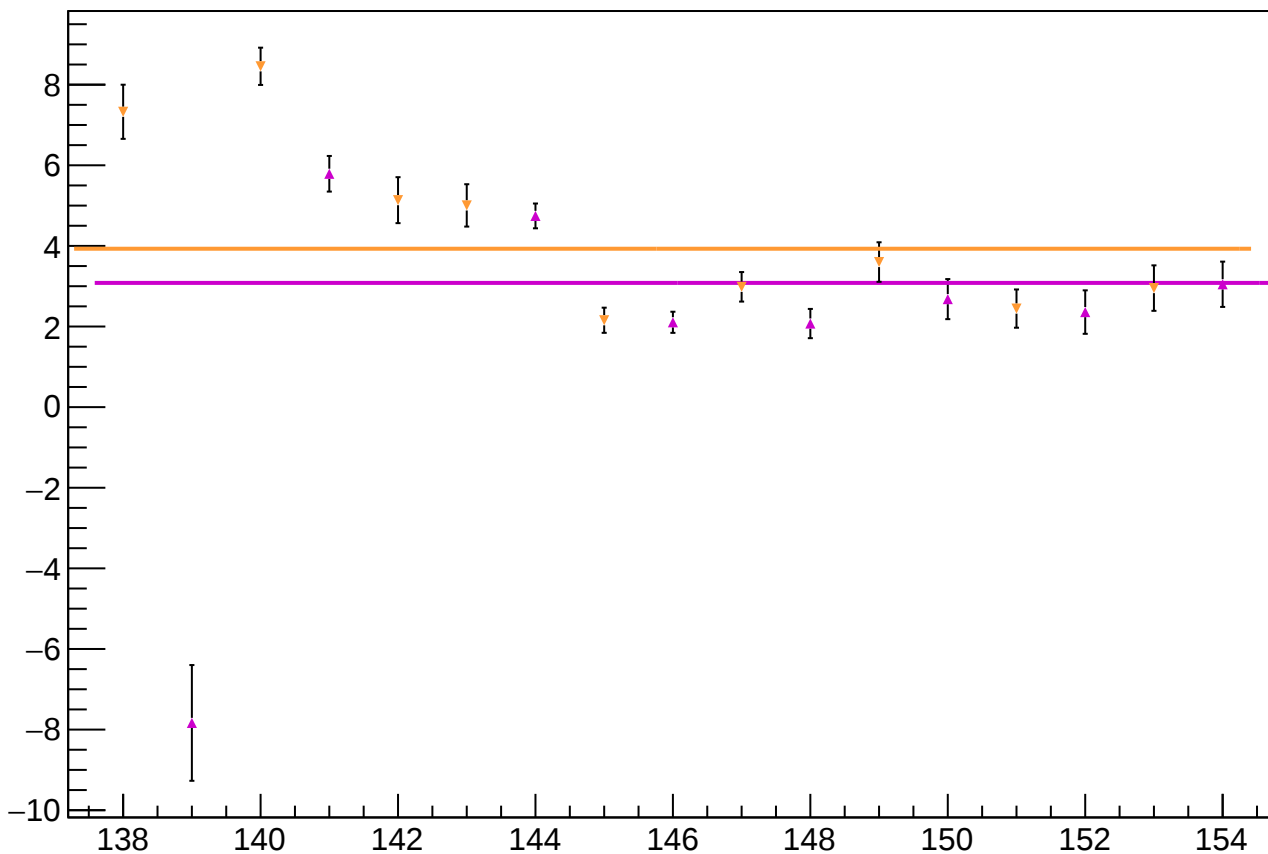
-9.904+/-0.219 χ^2/NDF : 1153.0/8

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

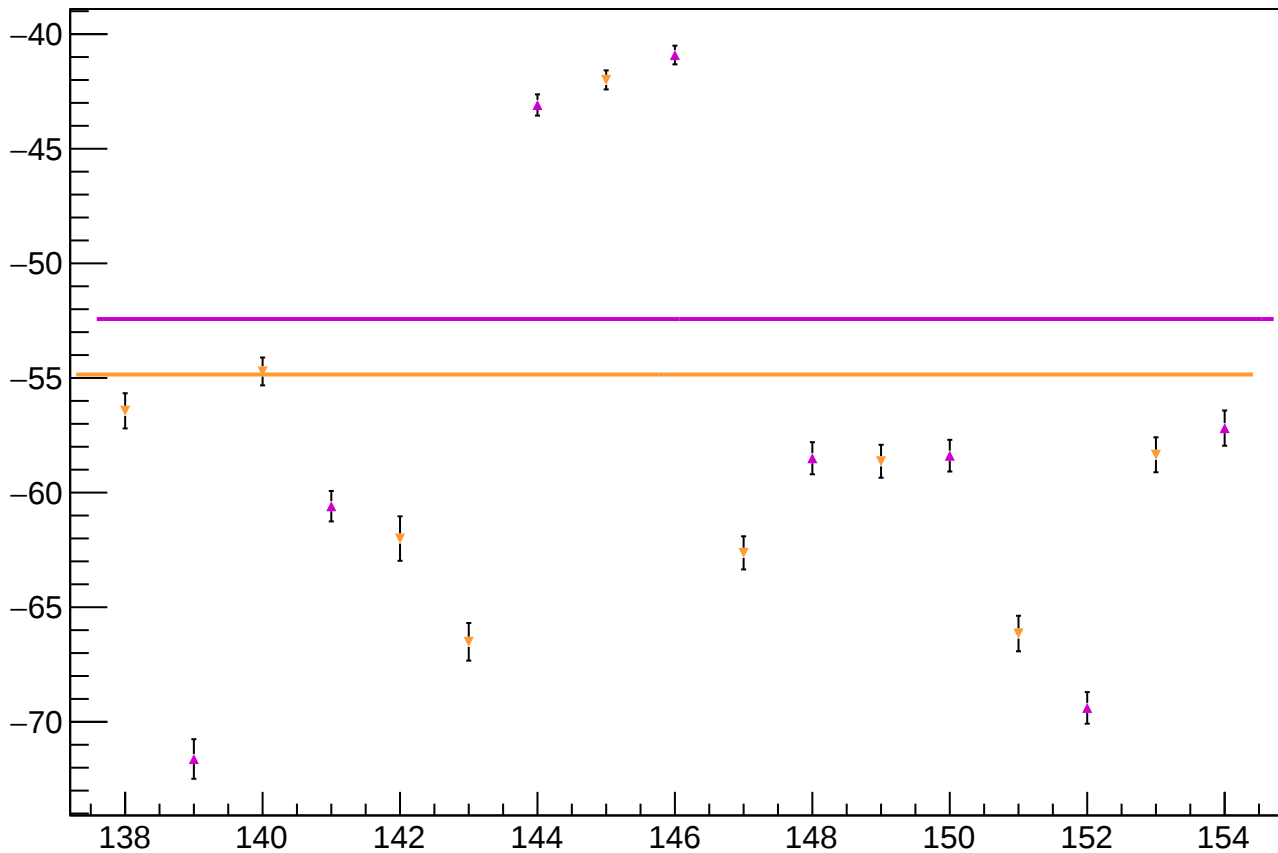
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.930 $\pm$ 0.152 χ^2 /NDF:182.3/8
 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

3.930 $\pm$ 0.152 χ^2 /NDF: 182.3/8
 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: -54.849+/-0.224 χ^2/NDF :1592.8/8

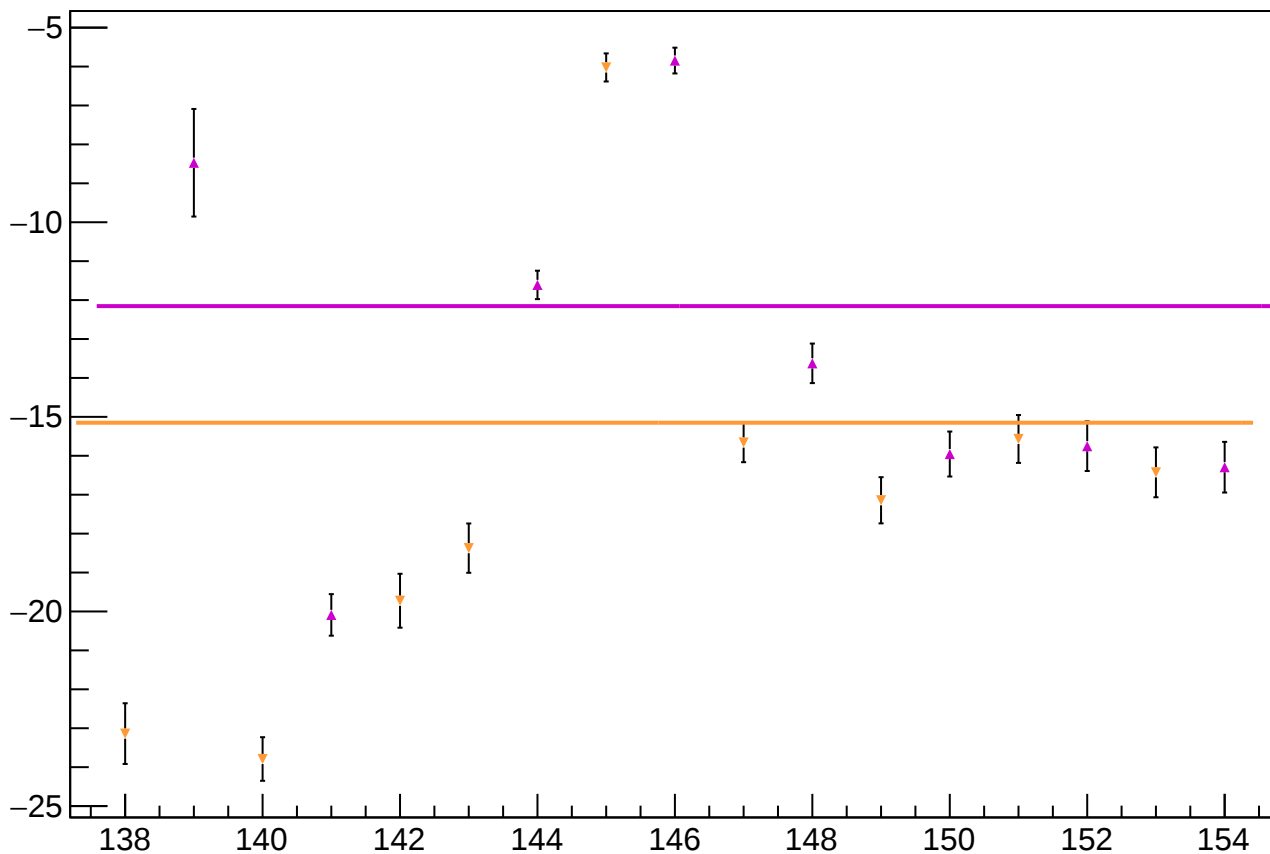
-54.849+/-0.224 χ^2/NDF : 1592.8/8

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

-52.429+/-0.212 χ^2/NDF : 2642.2/7

Left In: -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: -15.151+/-0.186 χ^2/NDF : 1068.9/8

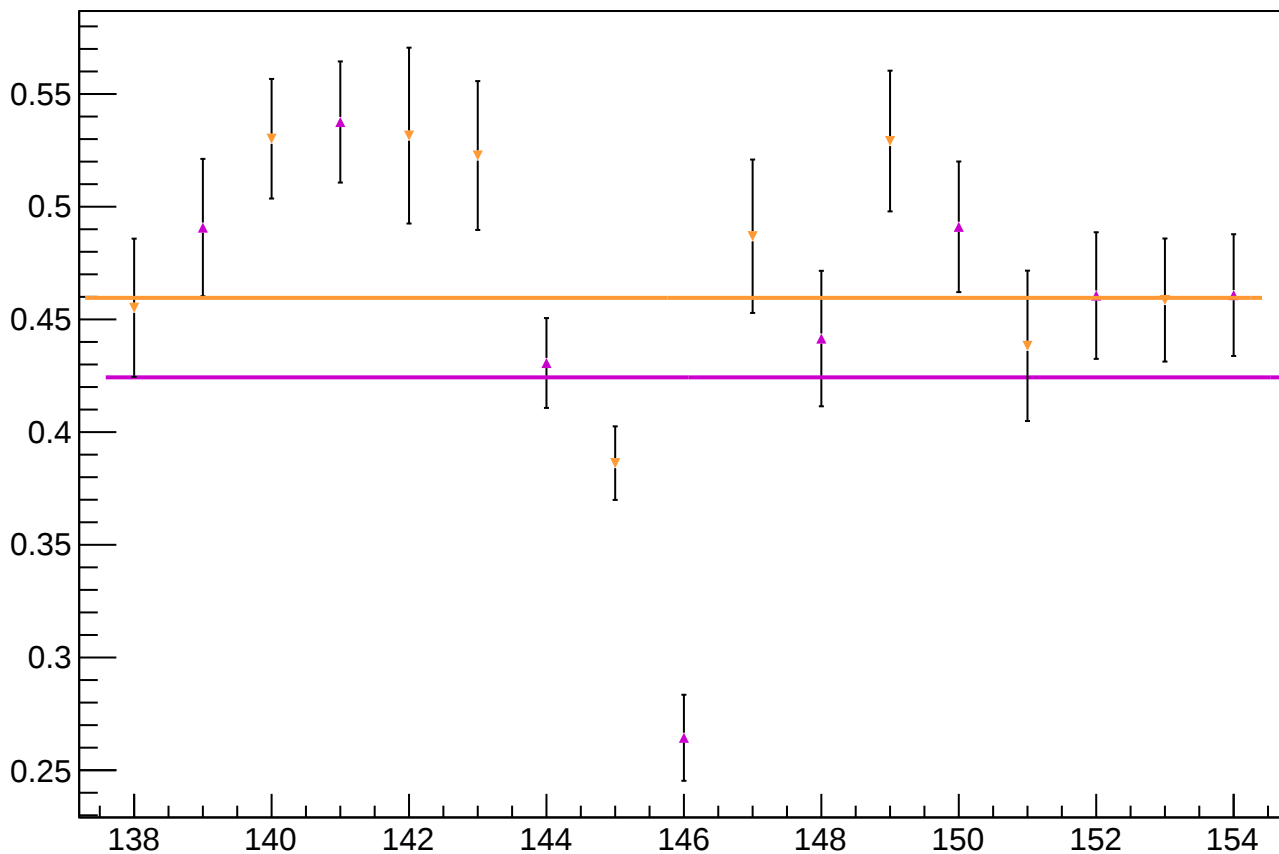
-15.151+/-0.186 χ^2/NDF : 1068.9/8

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: 0.460+/-0.009 χ^2/NDF : 40.4/8

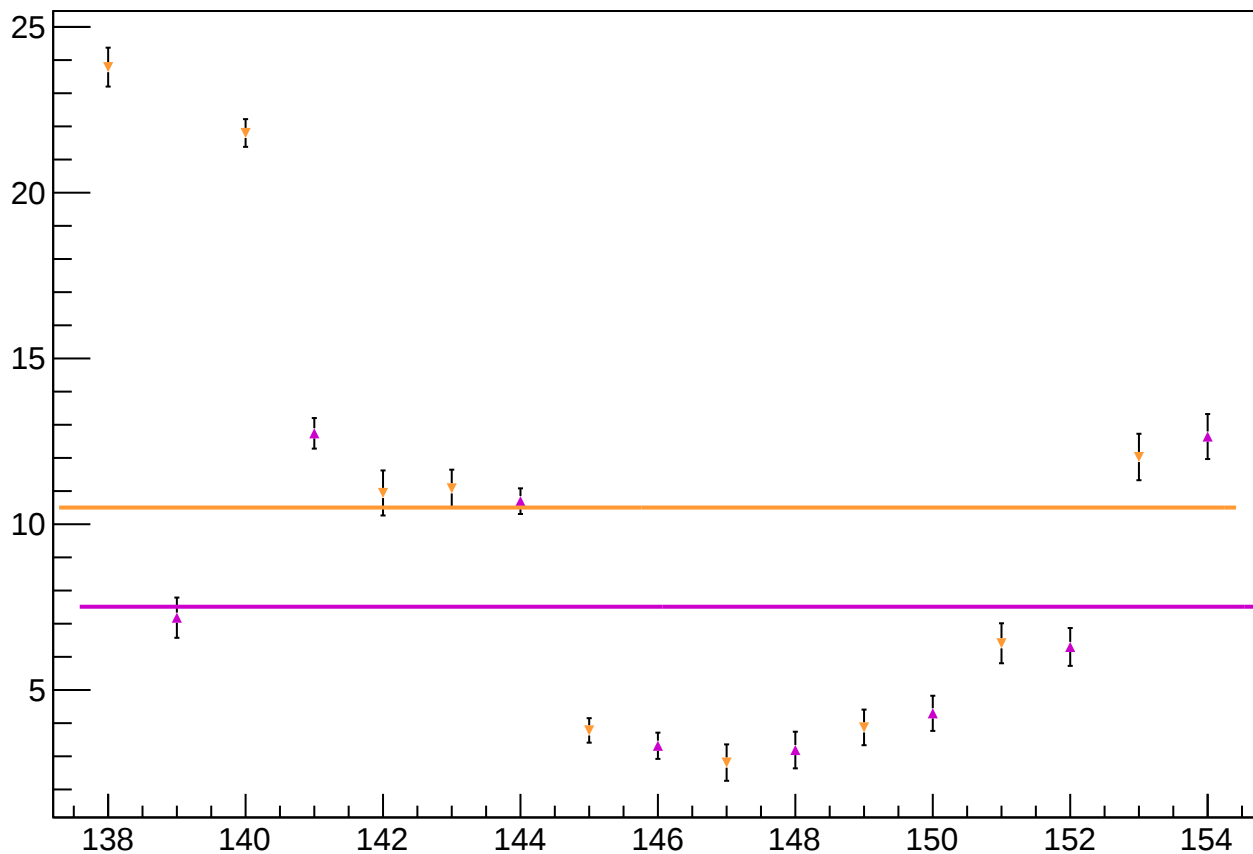
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.424+/-0.009 χ^2/NDF : 101.9/7

0.460+/-0.009 χ^2/NDF : 40.4/8

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: 10.504+/-0.174 χ^2/NDF :1974.4/8

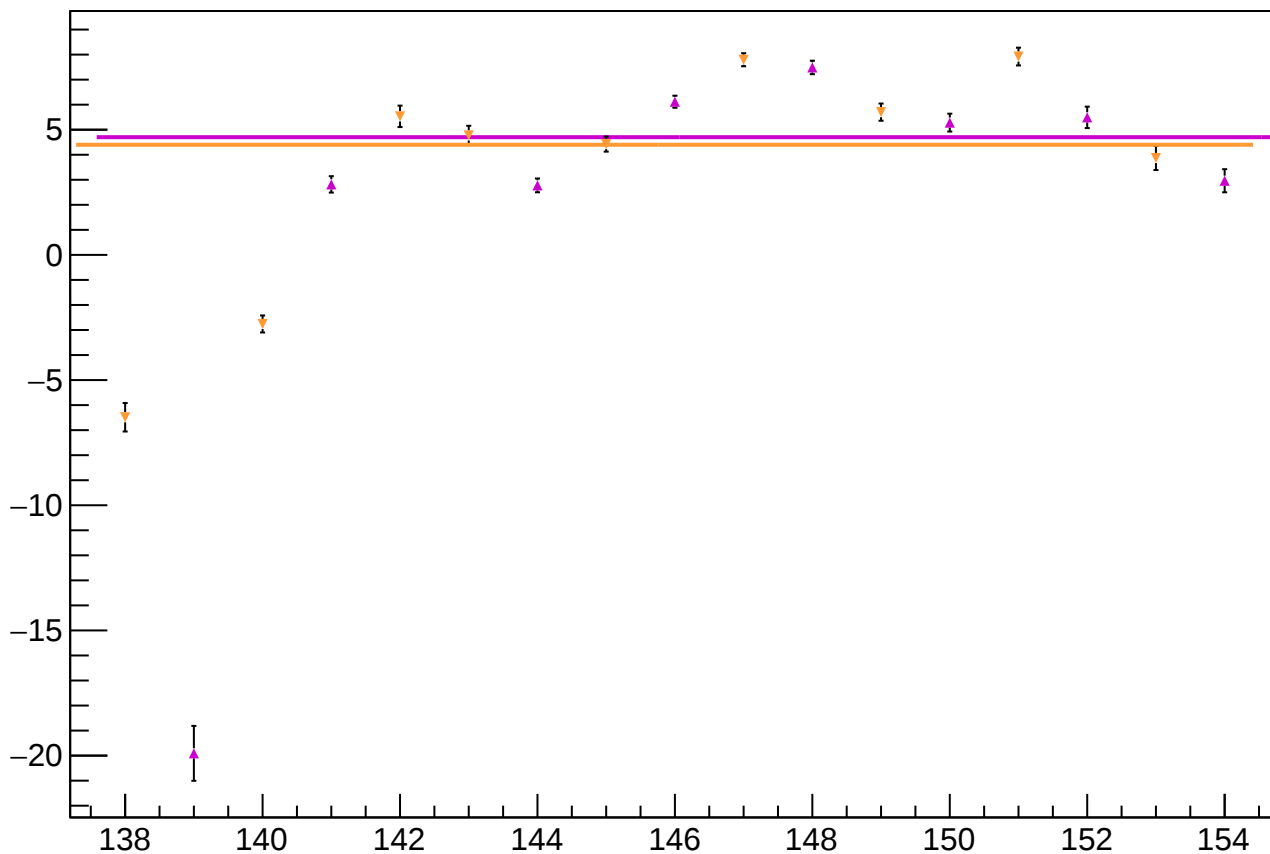
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.512+/-0.175 χ^2/NDF :468.8/7

10.504+/-0.174 χ^2/NDF : 1974.4/8

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: 4.398+/-0.119 χ^2/NDF : 1101.7/8

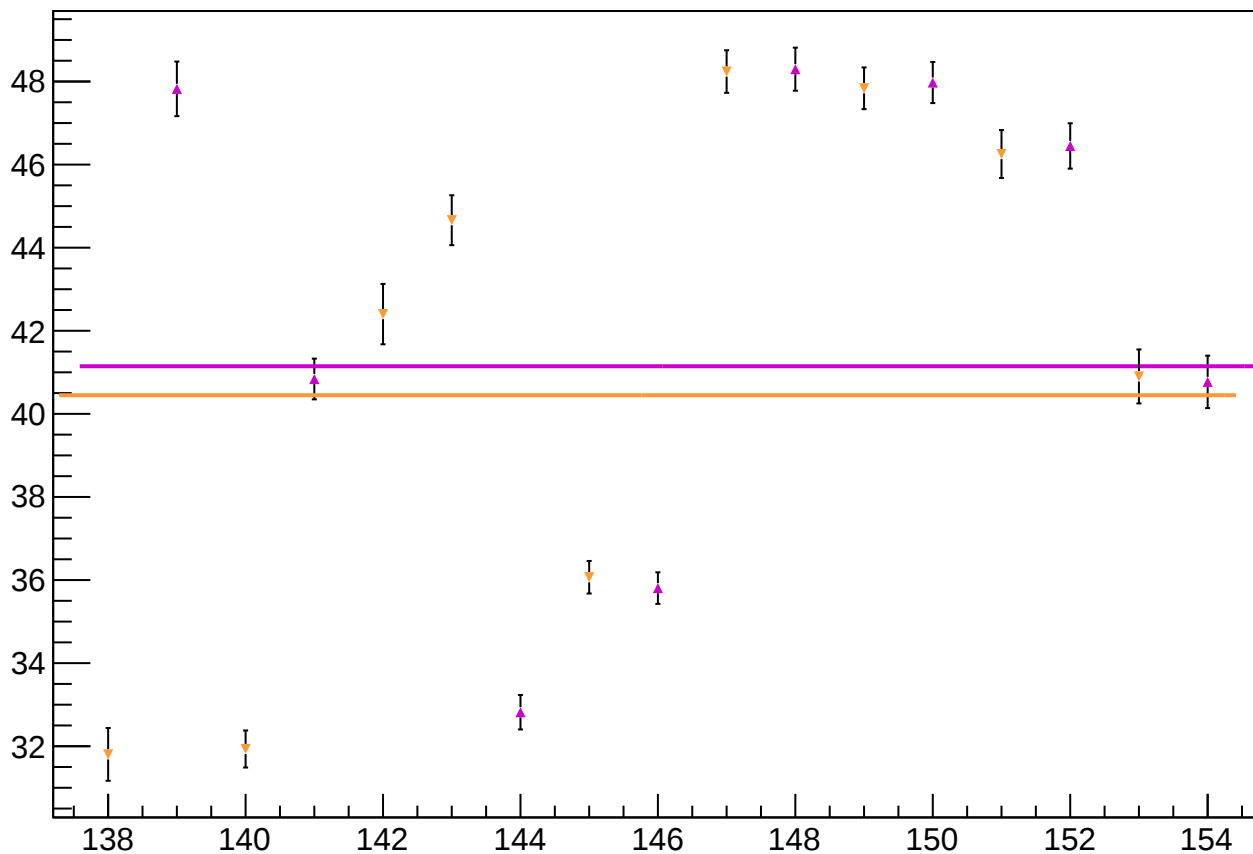
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.702+/-0.118 χ^2/NDF : 747.4/7

4.398+/-0.119 χ^2/NDF : 1101.7/8

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: 40.449+/-0.177 χ^2/NDF :1280.9/8

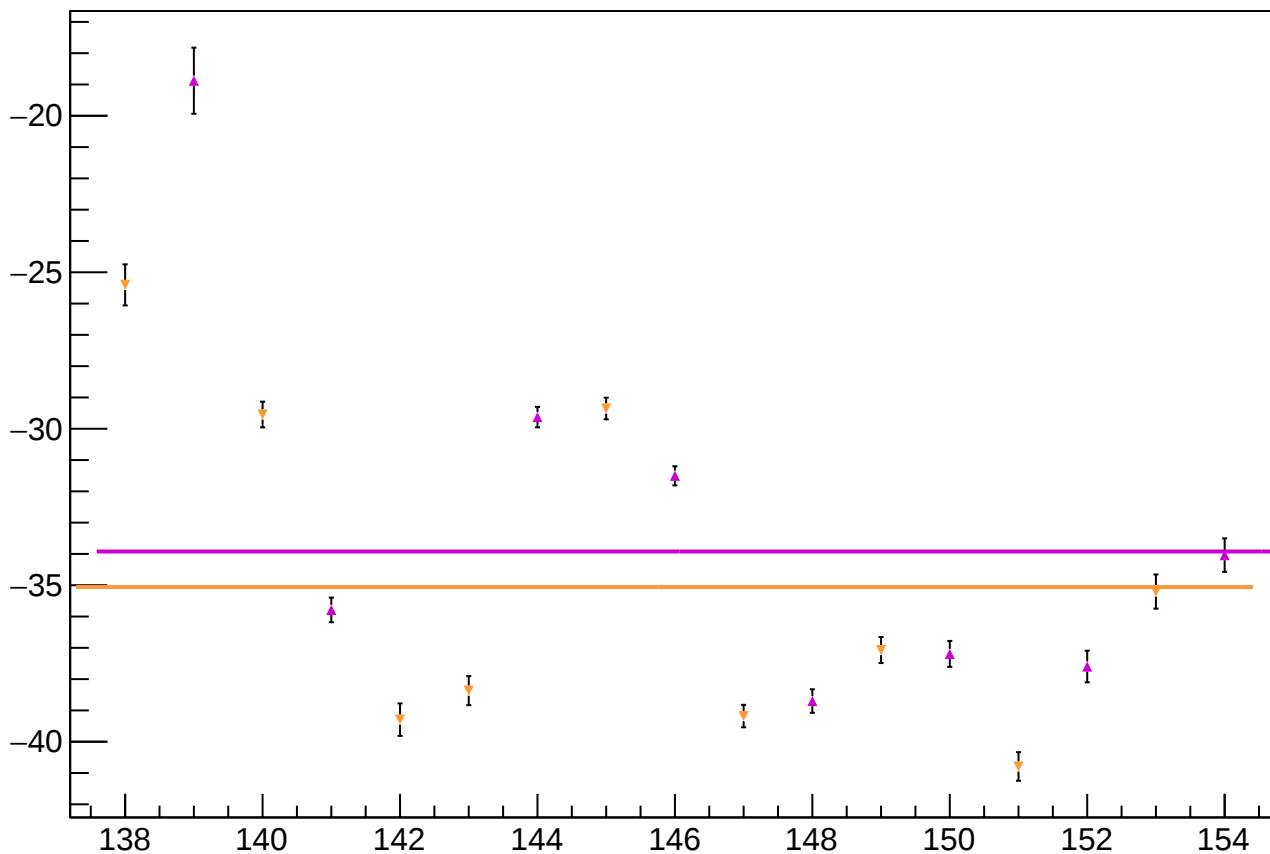
40.449+/-0.177 χ^2/NDF : 1280.9/8

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: -35.058+/-0.146 χ^2/NDF : 1097.0/8

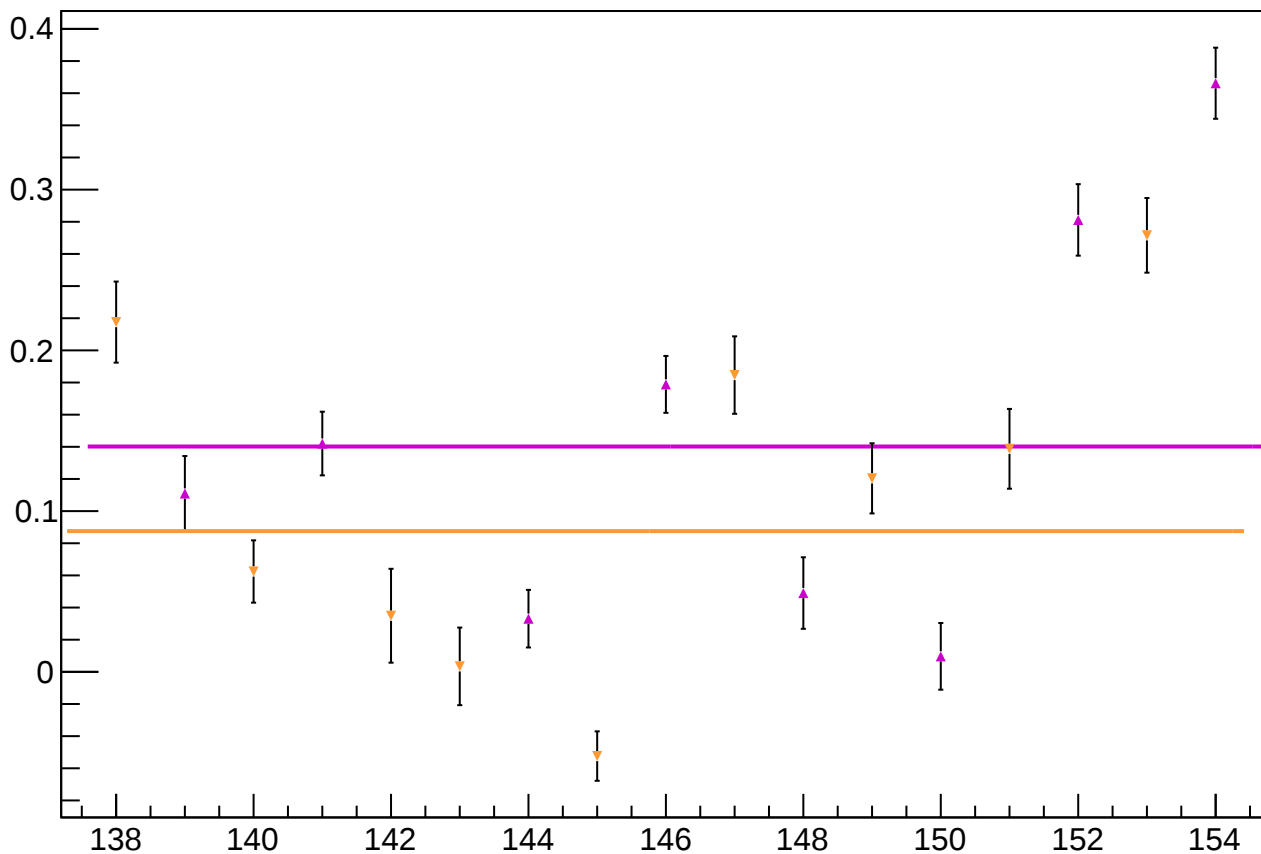
-35.058+/-0.146 χ^2/NDF : 1097.0/8

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

Left In: -33.922+/-0.145 χ^2/NDF : 737.2/7

-33.922+/-0.145 χ^2/NDF : 737.2/7

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug

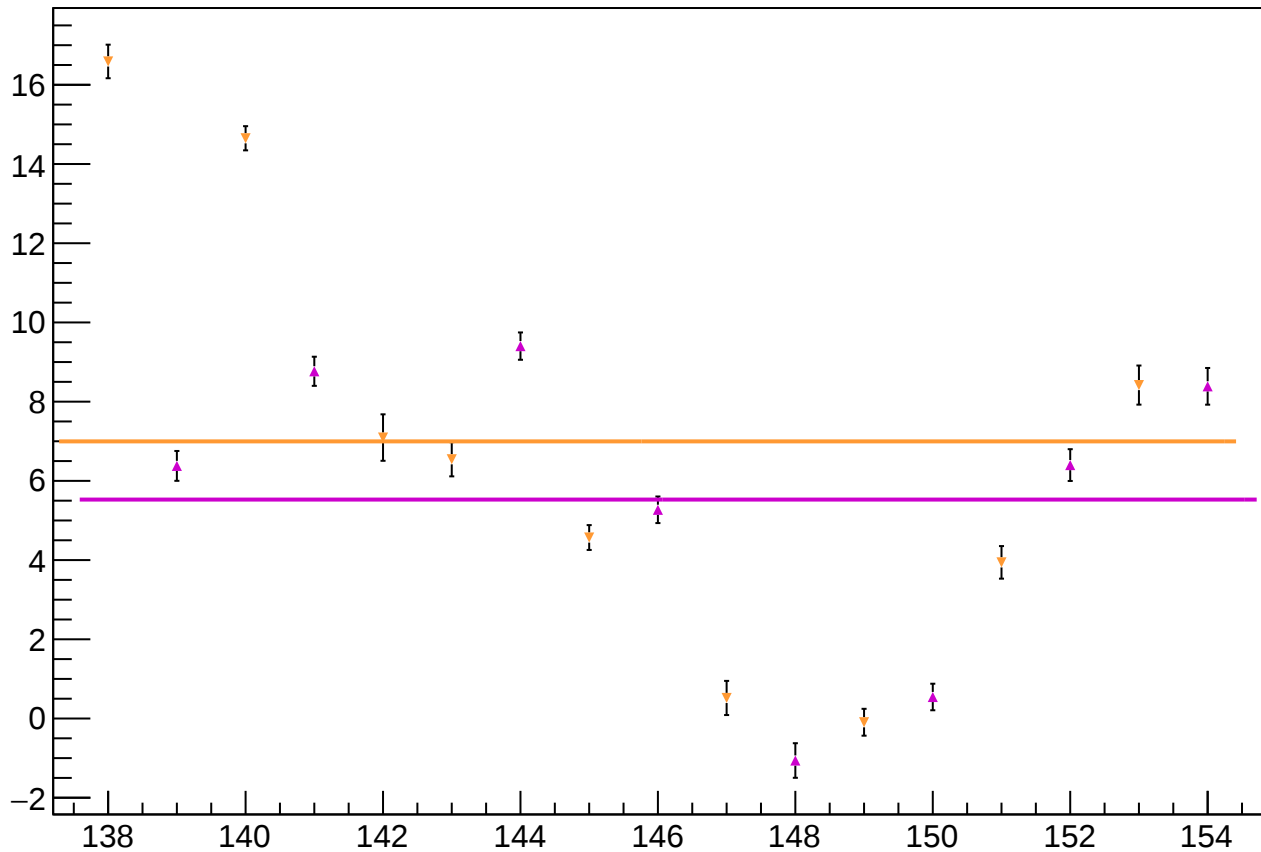


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.088+/-0.007 χ^2/NDF : 212.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.140+/-0.007 χ^2/NDF : 243.1/7

0.088+/-0.007 χ^2/NDF : 212.0/8

0.140+/-0.007 χ^2/NDF : 243.1/7

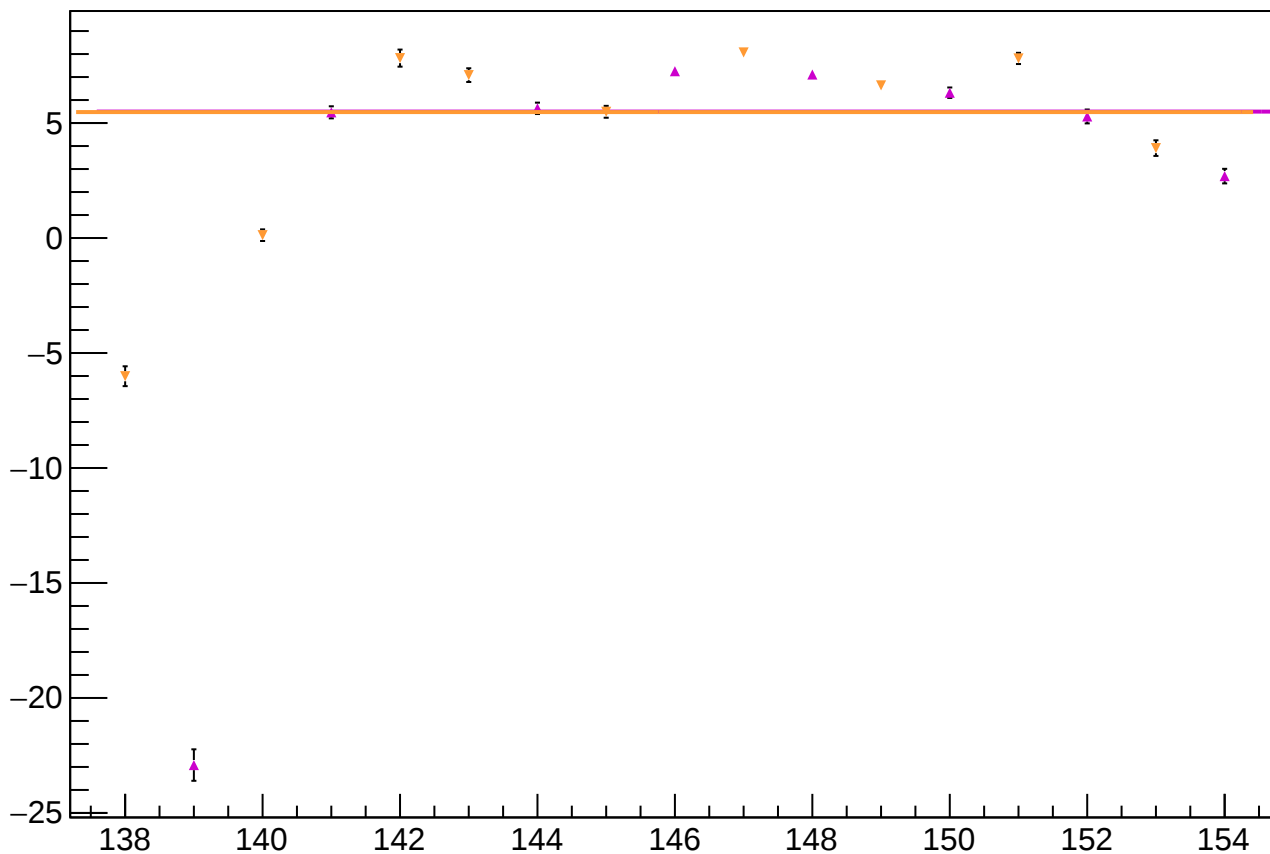
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.997+/-0.130 χ^2/NDF :1928.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.528+/-0.133 χ^2/NDF :701.1/7

6.997+/-0.130 χ^2/NDF : 1928.7/8
 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5.477+/-0.090 χ^2/NDF :1523.3/8

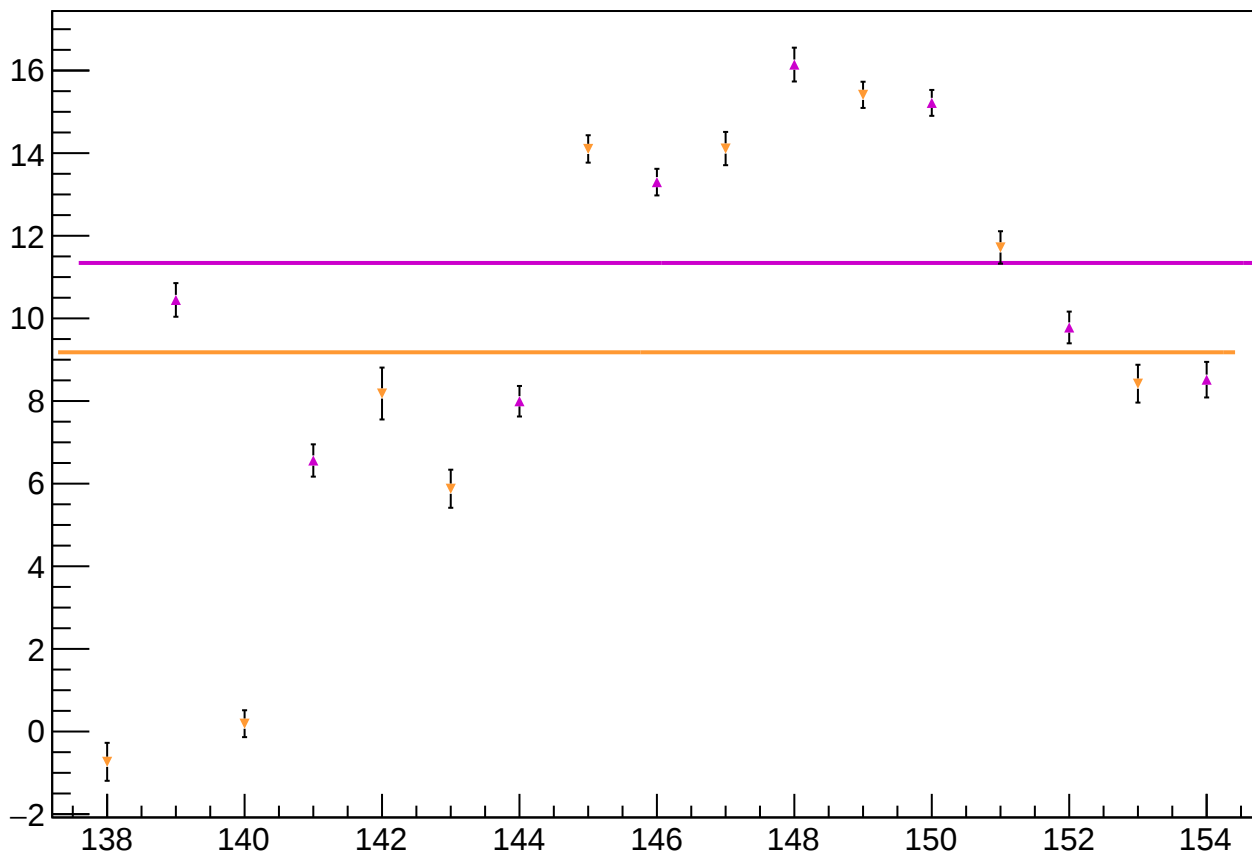
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.497+/-0.093 χ^2/NDF :1939.8/7

5.477+/-0.090 χ^2/NDF : 1523.3/8

5.497+/-0.093 χ^2/NDF : 1939.8/7

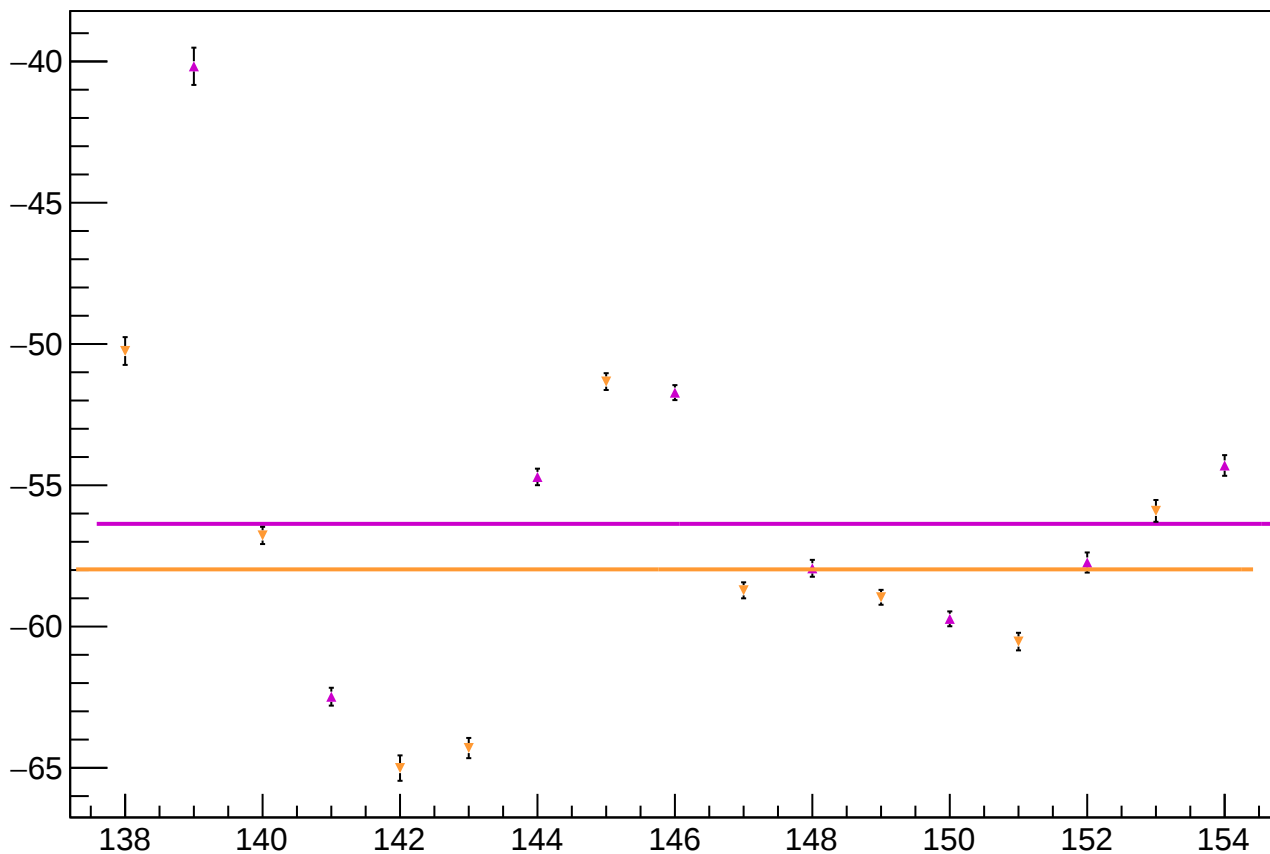
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.180+/-0.131 χ^2/NDF :2084.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.342+/-0.131 χ^2/NDF :623.1/7

9.180+/-0.131 χ^2/NDF : 2084.2/8
 11.342+/-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: -57.976+/-0.110 χ^2/NDF : 1437.2/8

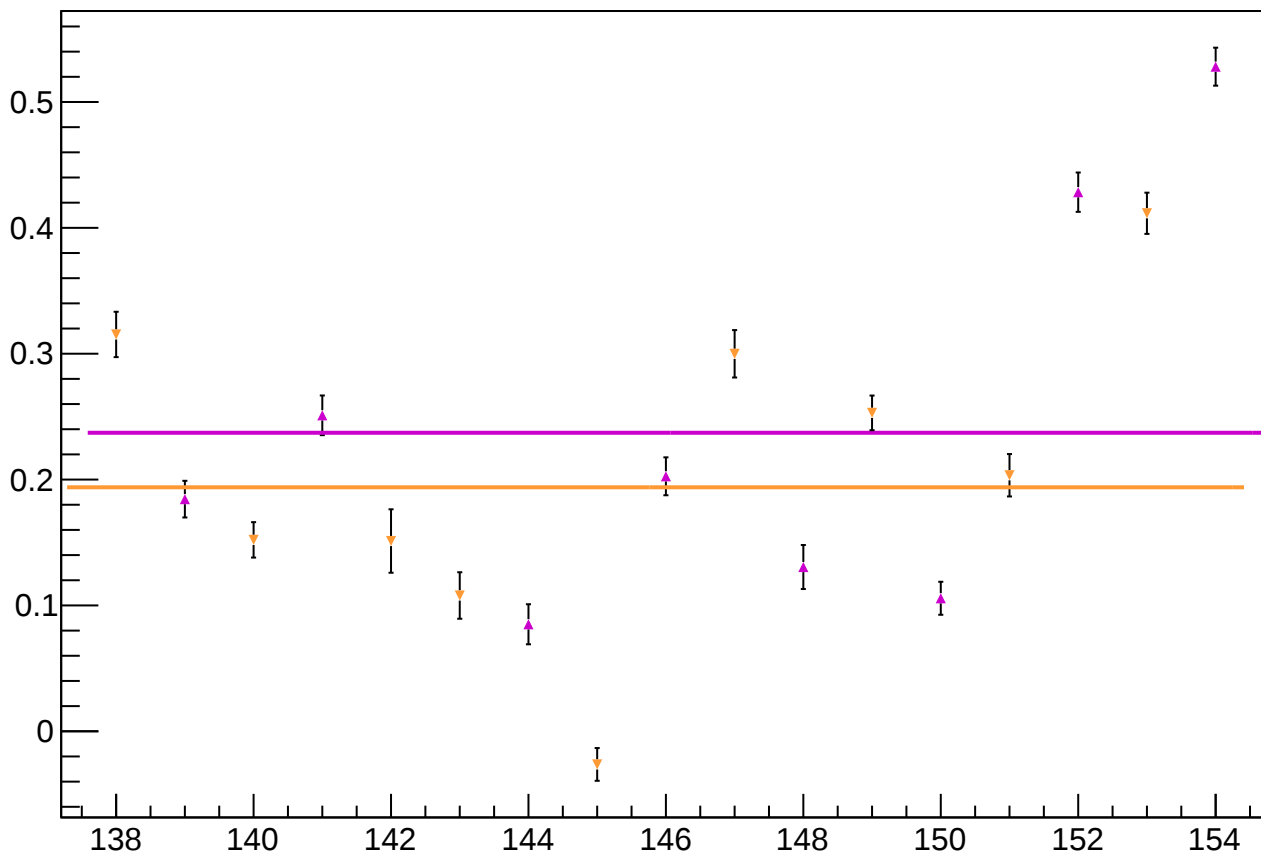
-57.976+/-0.110 χ^2/NDF : 1437.2/8

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

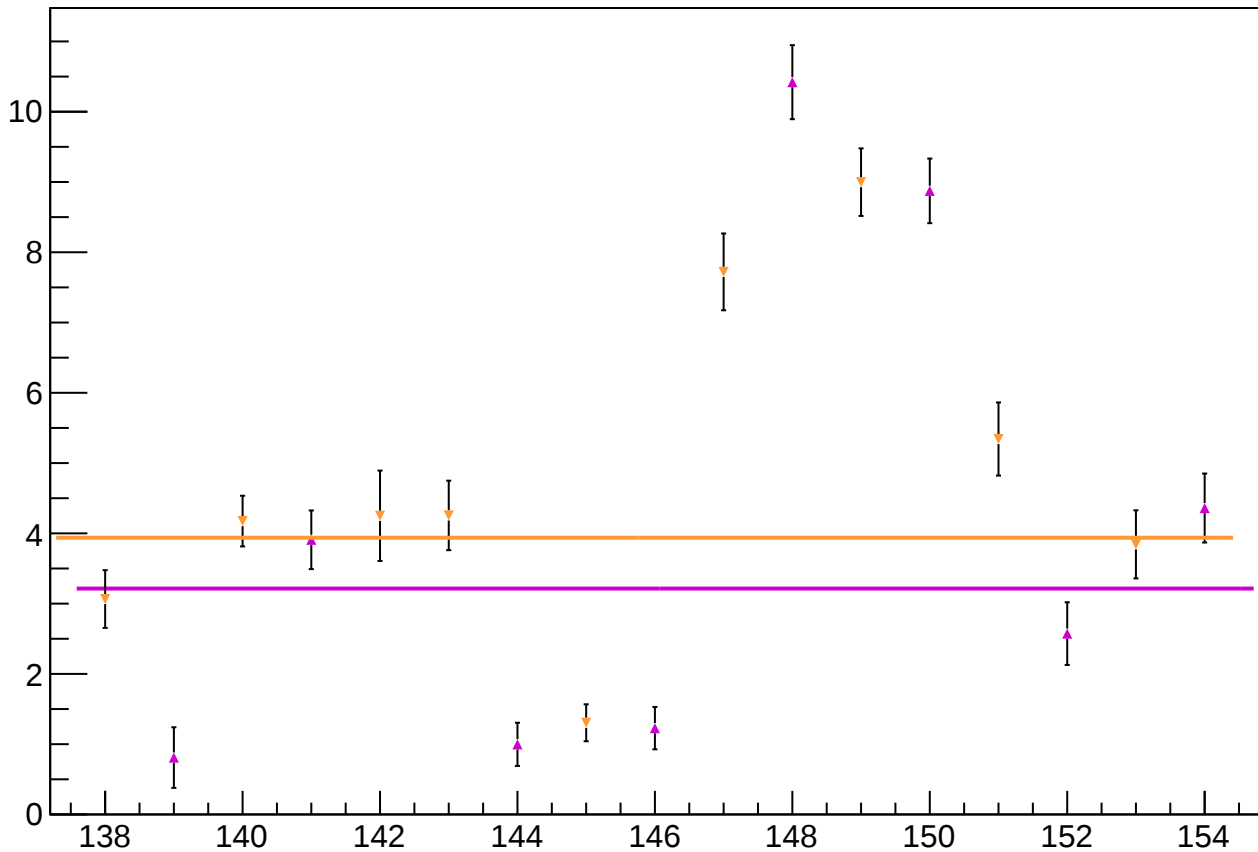


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.194 $\pm$ 0.005 χ^2 /NDF: 592.4/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.237 $\pm$ 0.005 χ^2 /NDF: 769.7/7

0.194 $\pm$ 0.005 χ^2 /NDF: 592.4/8

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 3.938 $\pm$ 0.141 χ^2 /NDF: 271.9/8

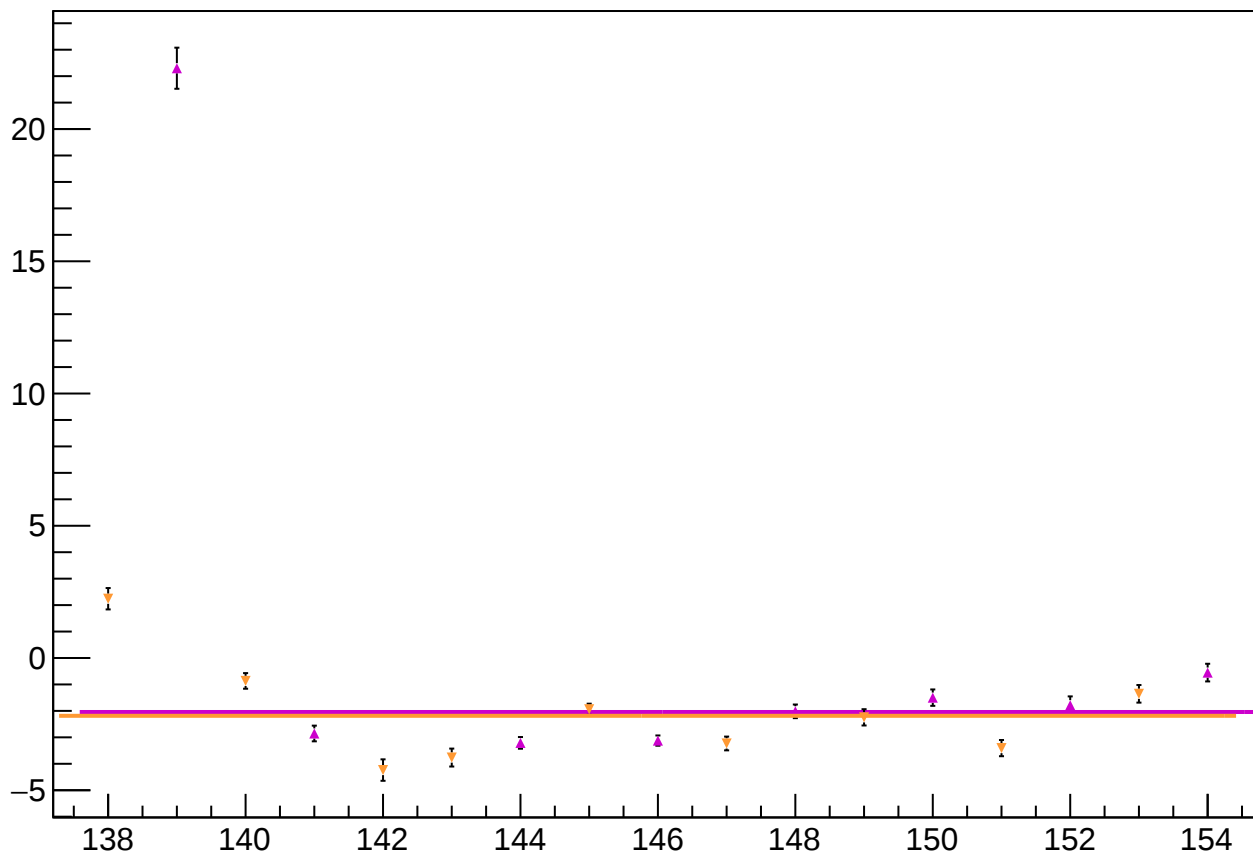
3.938 $\pm$ 0.141 χ^2 /NDF: 271.9/8

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

Left In: 3.215 $\pm$ 0.141 χ^2 /NDF: 475.4/7

3.215 $\pm$ 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: -2.186+/-0.100 χ^2/NDF : 226.9/8

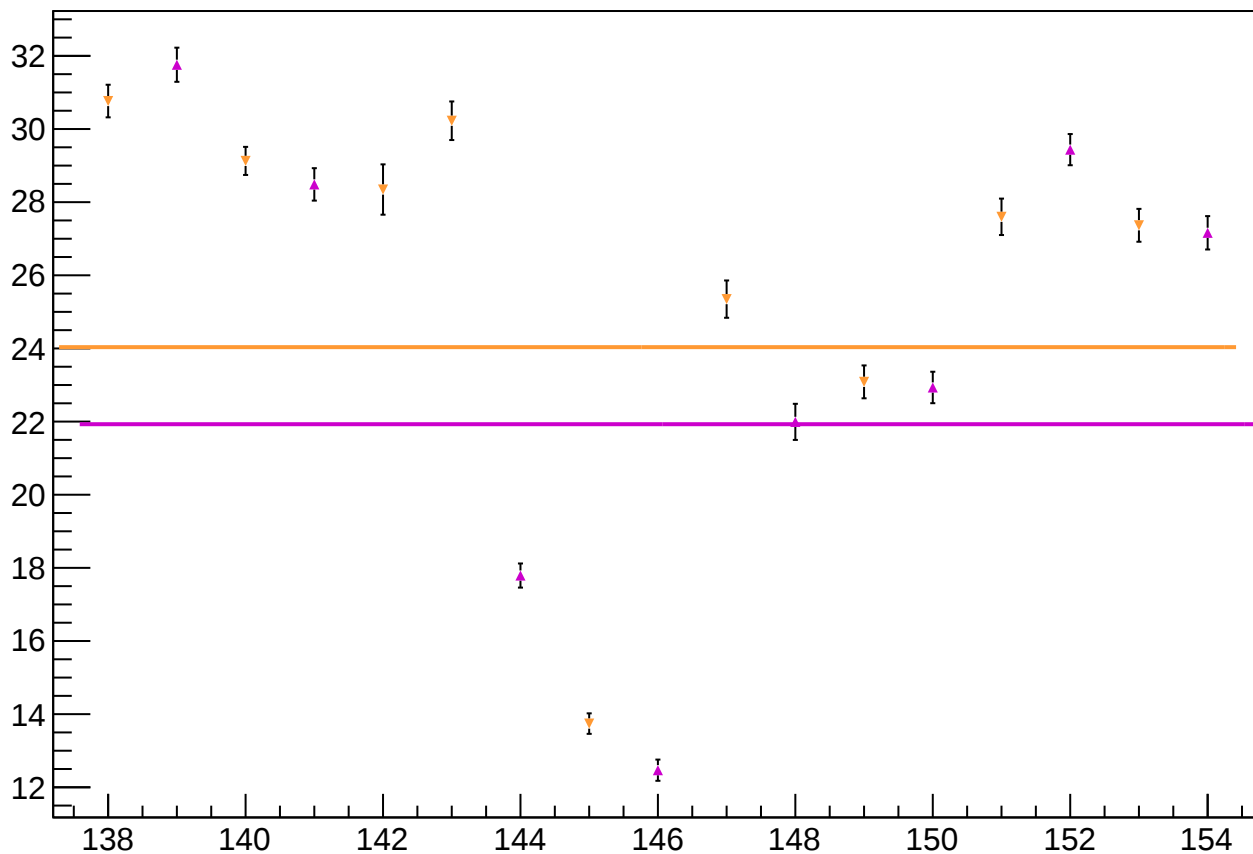
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.042+/-0.098 χ^2/NDF : 1071.2/7

-2.186+/-0.100 χ^2/NDF : 226.9/8

-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: 24.035+/-0.144 χ^2/NDF : 2046.1/8

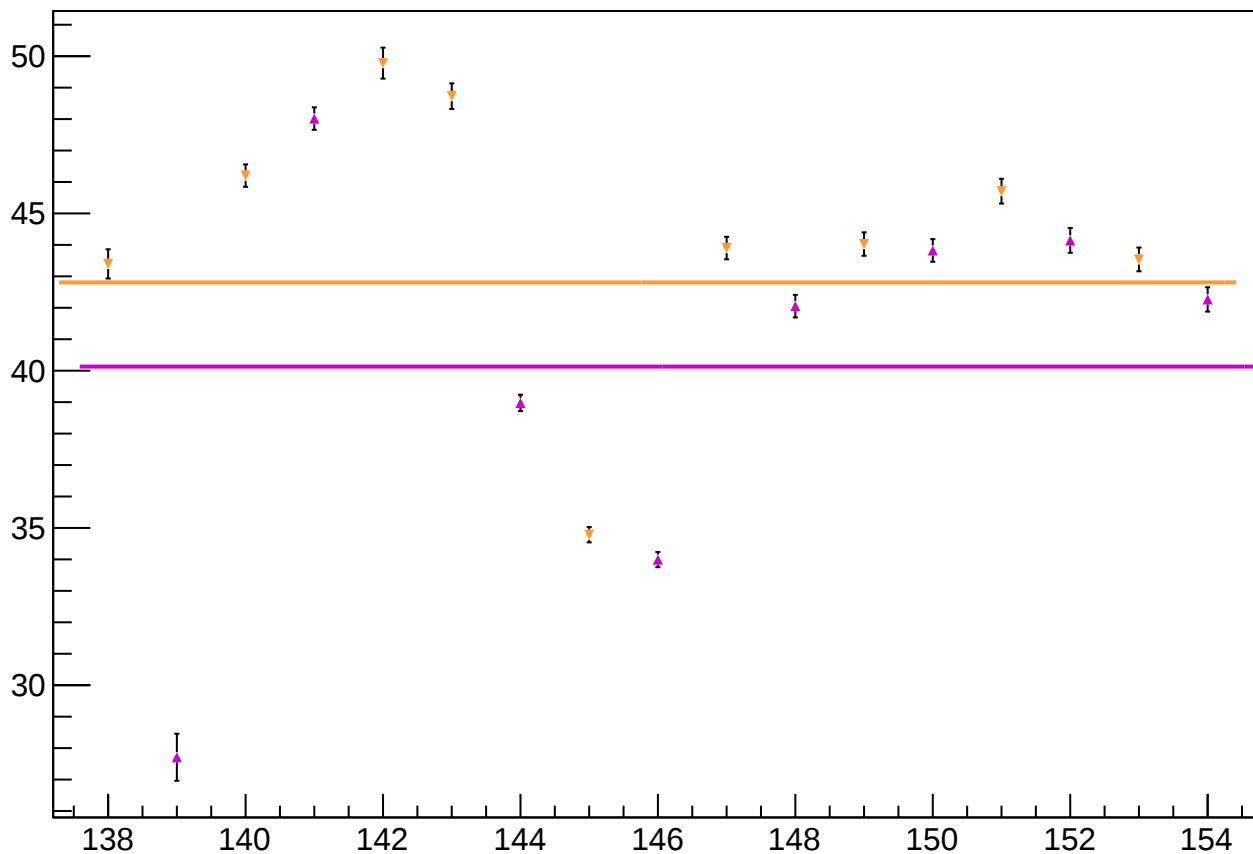
24.035+/-0.144 χ^2/NDF : 2046.1/8

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

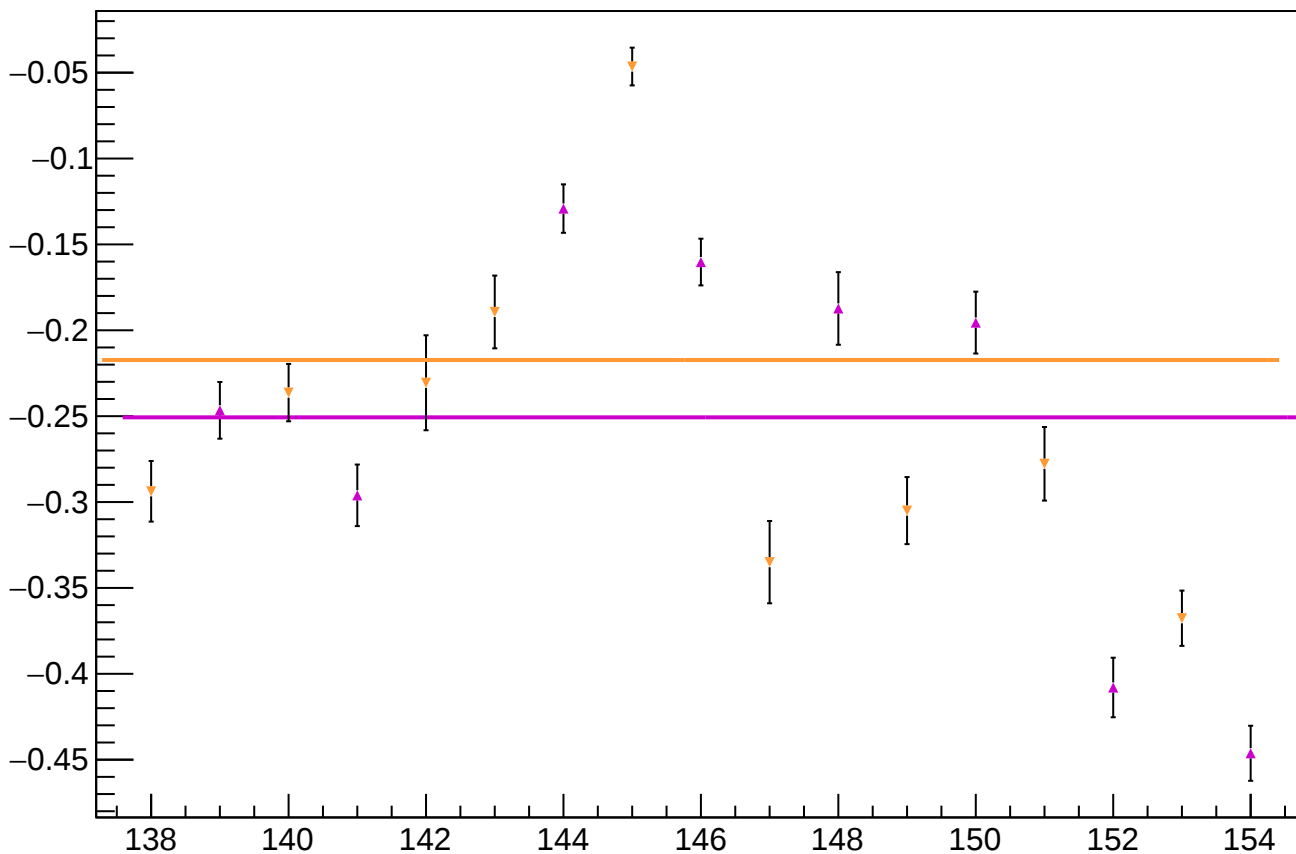
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 42.807 $\pm$ 0.121 χ^2 /NDF:1662.6/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 40.130 $\pm$ 0.119 χ^2 /NDF:1700.7/7

42.807 $\pm$ 0.121 χ^2 /NDF: 1662.6/8
 40.130 $\pm$ 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: -0.217+/-0.006 χ^2/NDF : 403.5/8

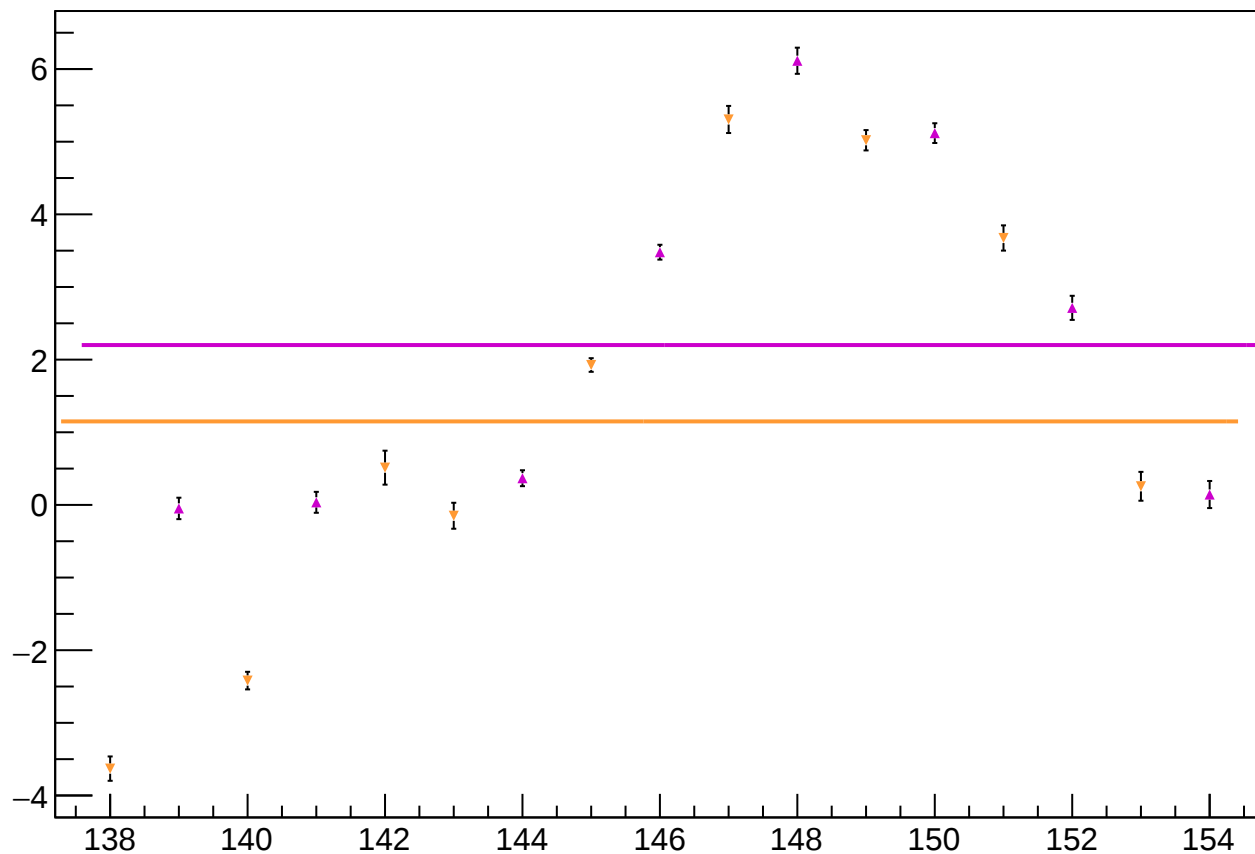
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.251+/-0.006 χ^2/NDF : 374.6/7

-0.217+/-0.006 χ^2/NDF : 403.5/8

-0.251+/-0.006 χ^2/NDF : 374.6/7

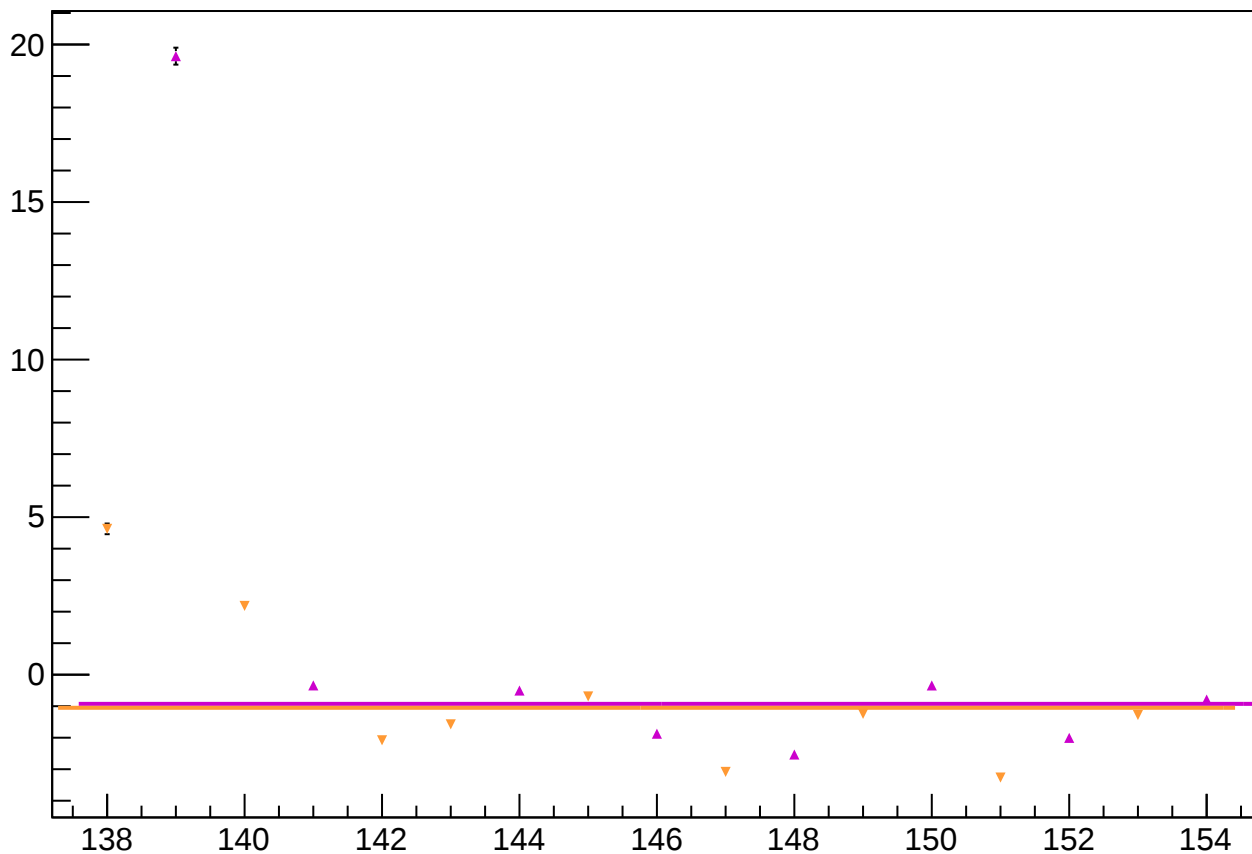
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.150 $\pm$ 0.050 χ^2 /NDF:3302.6/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.201 $\pm$ 0.049 χ^2 /NDF:1959.0/7

1.150 $\pm$ 0.050 χ^2 /NDF: 3302.6/8
 2.201 $\pm$ 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: -1.051+/-0.035 χ^2/NDF : 3247.0/8

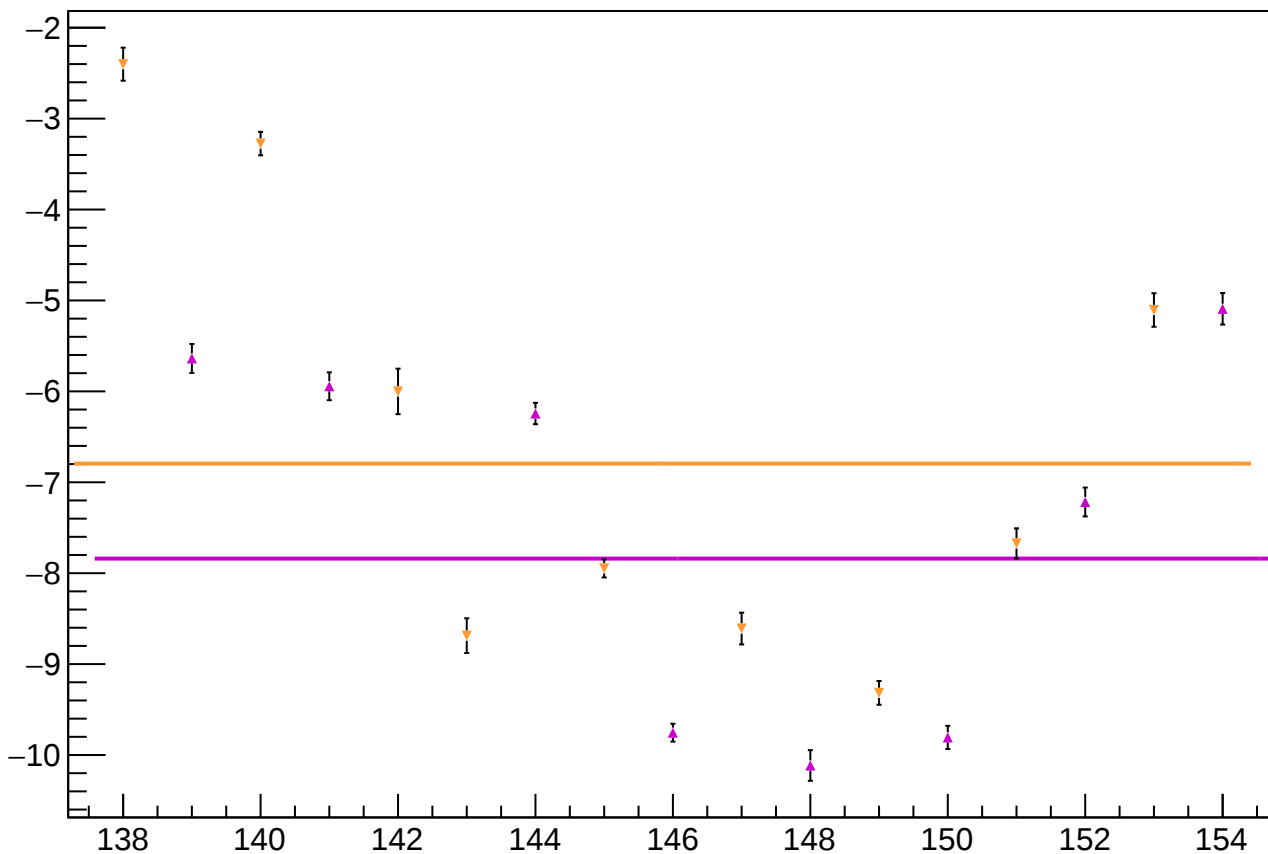
-1.051+/-0.035 χ^2/NDF : 3247.0/8

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

-0.926+/-0.034 χ^2/NDF : 6544.5/7

Left In: -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: -6.795+/-0.051 χ^2/NDF : 2163.5/8

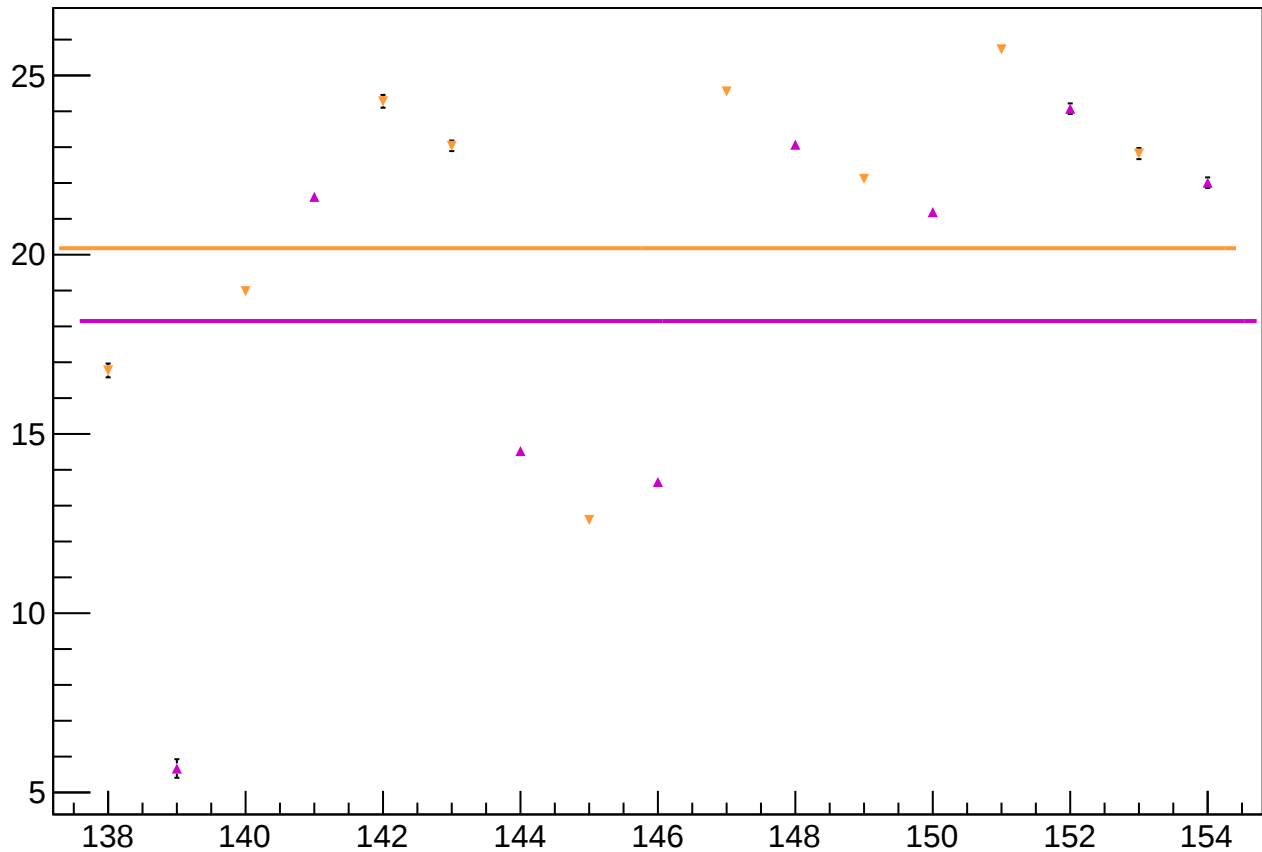
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.839+/-0.048 χ^2/NDF : 1594.1/7

-6.795+/-0.051 χ^2/NDF : 2163.5/8

-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: 20.180+/-0.043 χ^2/NDF :12343.0/8

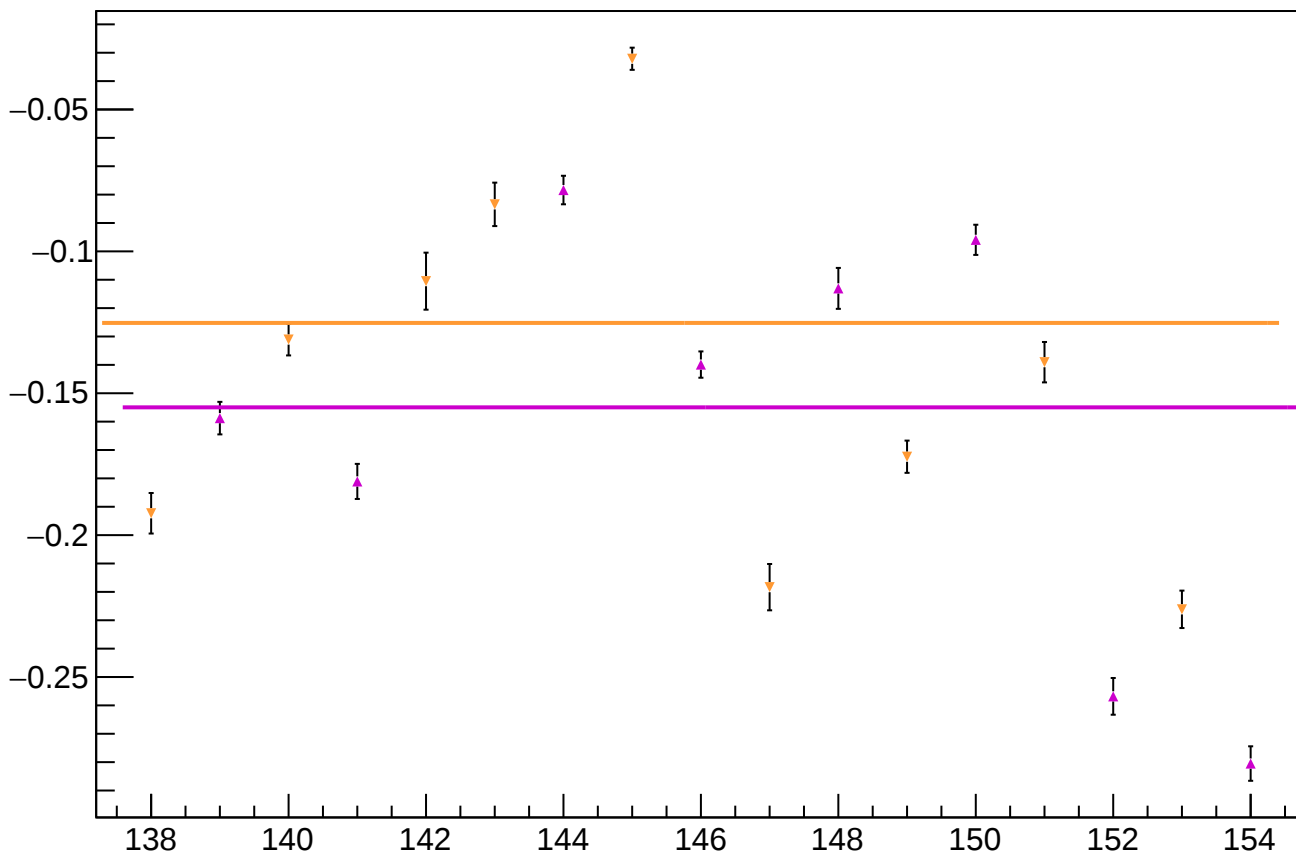
20.180+/-0.043 χ^2/NDF : 12343.0/8

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

Left In: 18.150+/-0.041 χ^2/NDF :12297.9/7

18.150+/-0.041 χ^2/NDF : 12297.9/7

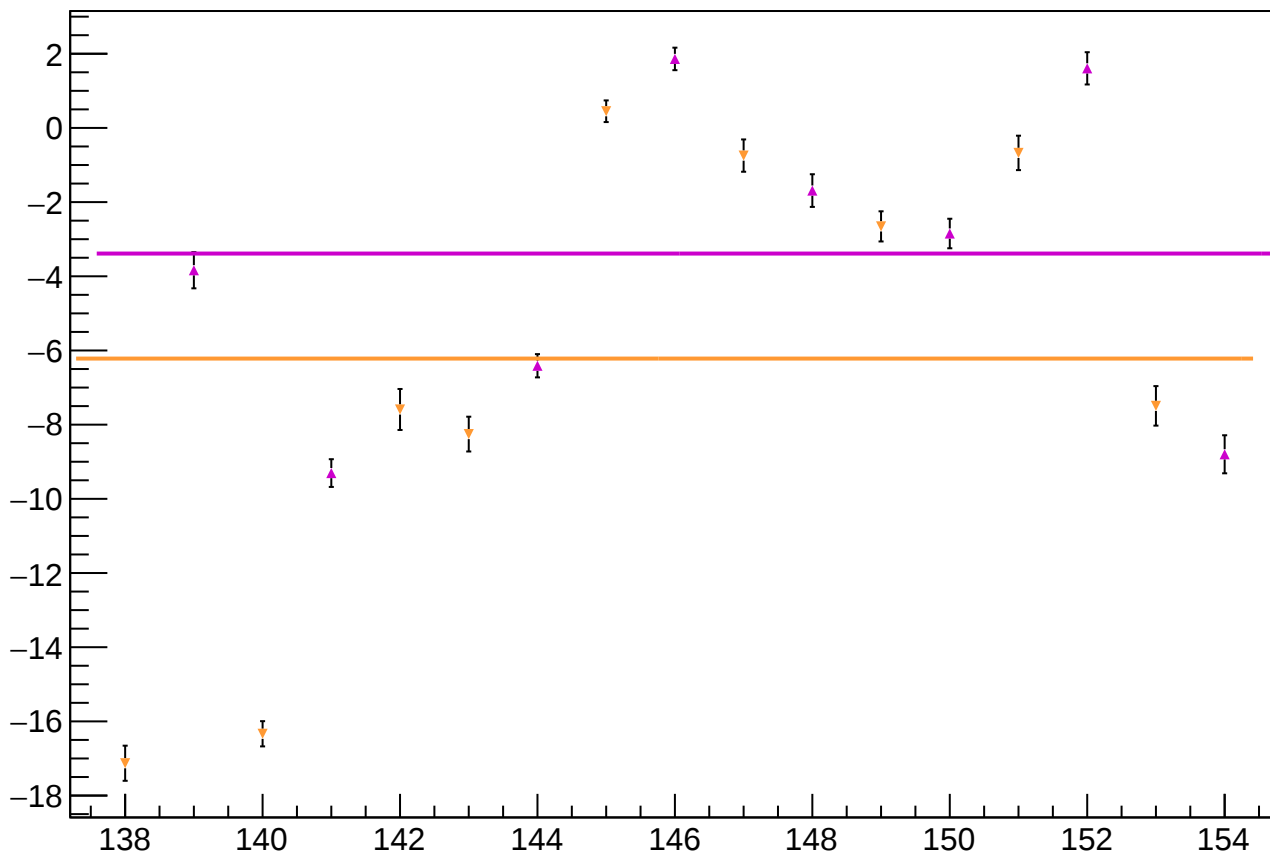
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.125+/-0.002 χ^2/NDF :1125.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.155+/-0.002 χ^2/NDF :1092.1/7

-0.125+/-0.002 χ^2/NDF : 1125.9/8
 -0.155+/-0.002 χ^2/NDF : 1092.1/7

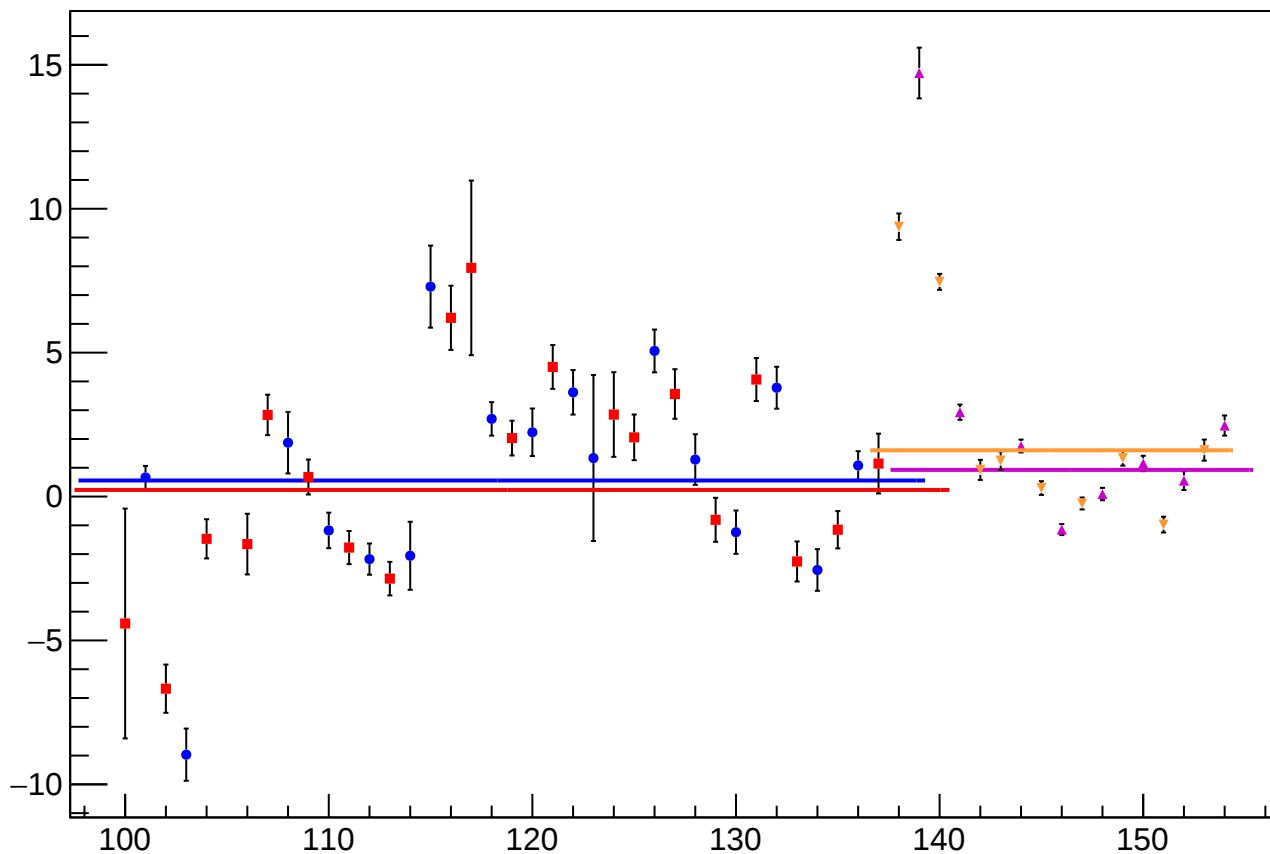
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.218+/-0.138 χ^2/NDF : 2345.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.387+/-0.137 χ^2/NDF : 903.3/7

-6.218+/-0.138 χ^2/NDF : 2345.8/8
 -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: 1.606 ± 0.094 χ^2/NDF : 939.6/8

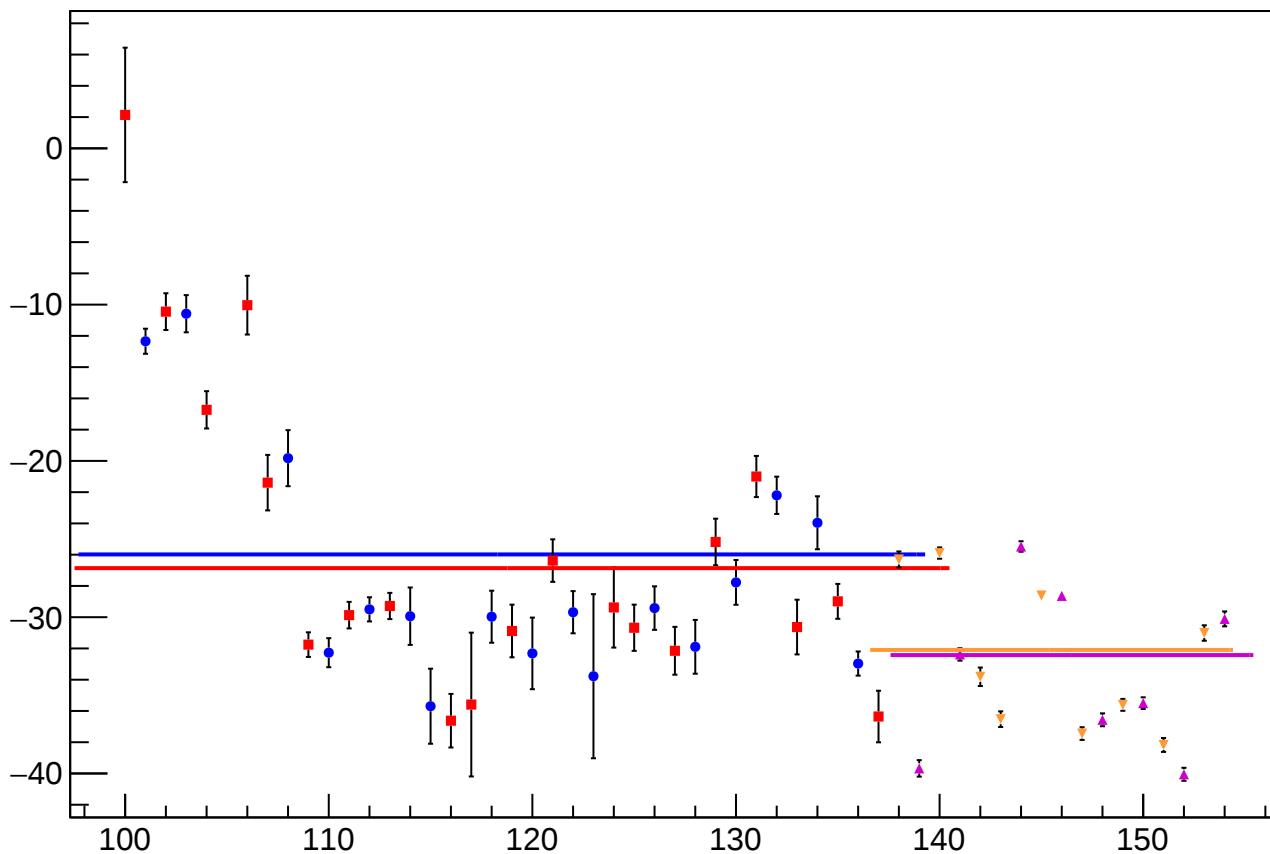
Right Out: 0.230 ± 0.174 χ^2/NDF : 278.5/19

Left In: 0.926 ± 0.093 χ^2/NDF : 470.4/7

1.360 ± 0.083 χ^2/NDF : 1256.5/25

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: -32.095±/0.140 χ^2/NDF :1085.0/8

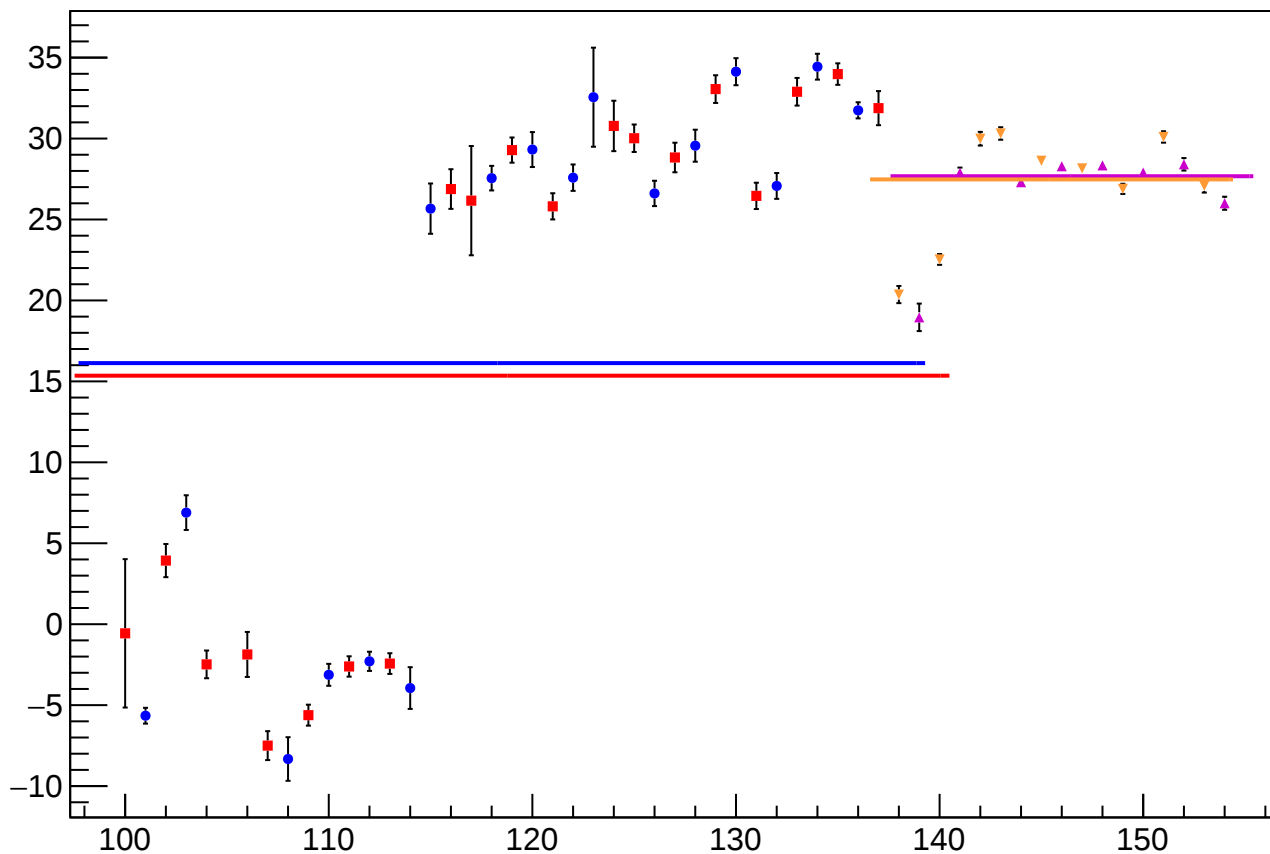
Right Out: -26.861±/0.297 χ^2/NDF : 585.2/19

Left In: -32.424±/0.136 χ^2/NDF :1313.4/7

-31.002±/0.127 χ^2/NDF : 2116.3/25

-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: 27.477+/-0.116 χ^2 /NDF: 571.2/8

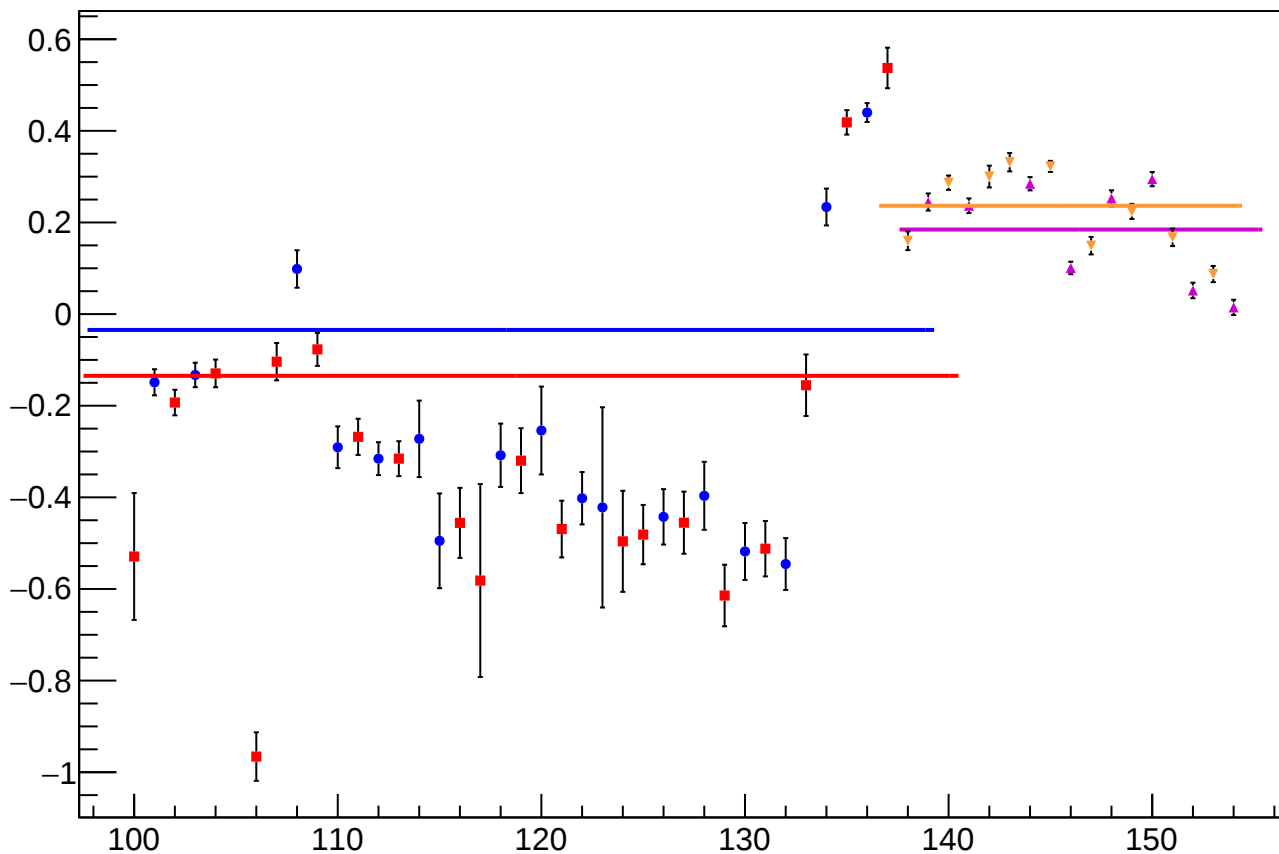
Right Out: 15.352+/-0.197 χ^2 /NDF: 7288.4/19

Left In: 27.673+/-0.114 χ^2 /NDF: 140.8/7

24.443+/-0.099 χ^2 /NDF: 10701.5/25

24.582+/-0.099 χ^2 /NDF: 10368.9/27

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.035 ± 0.010 χ^2/NDF : 1011.6/16

Left Out: 0.236 ± 0.006 χ^2/NDF : 209.6/8

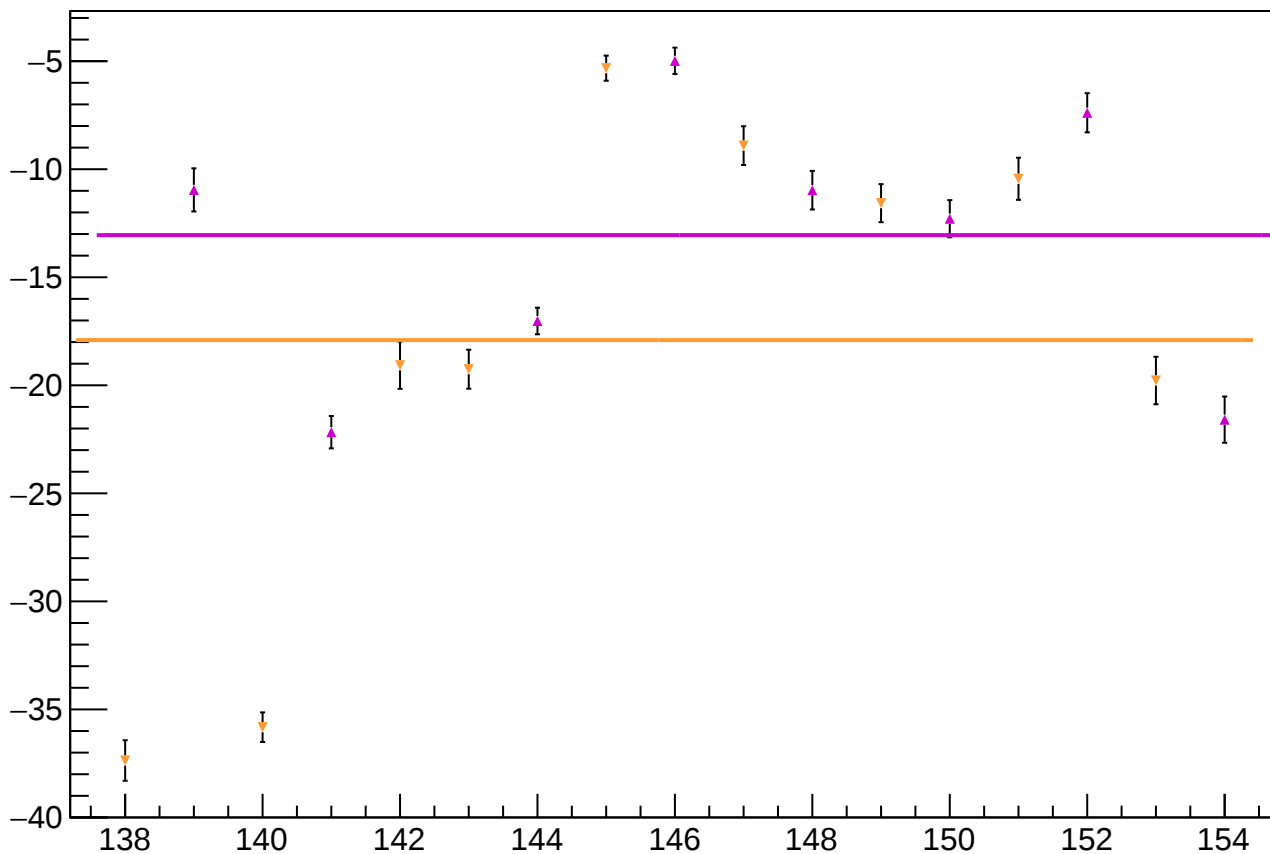
Right Out: -0.135 ± 0.010 χ^2/NDF : 1166.4/19

Left In: 0.185 ± 0.006 χ^2/NDF : 335.3/7

0.172 ± 0.005 χ^2/NDF : 1744.7/25

0.111 ± 0.005 χ^2/NDF : 2232.8/27

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.908+/-0.281 χ^2/NDF : 1799.1/8

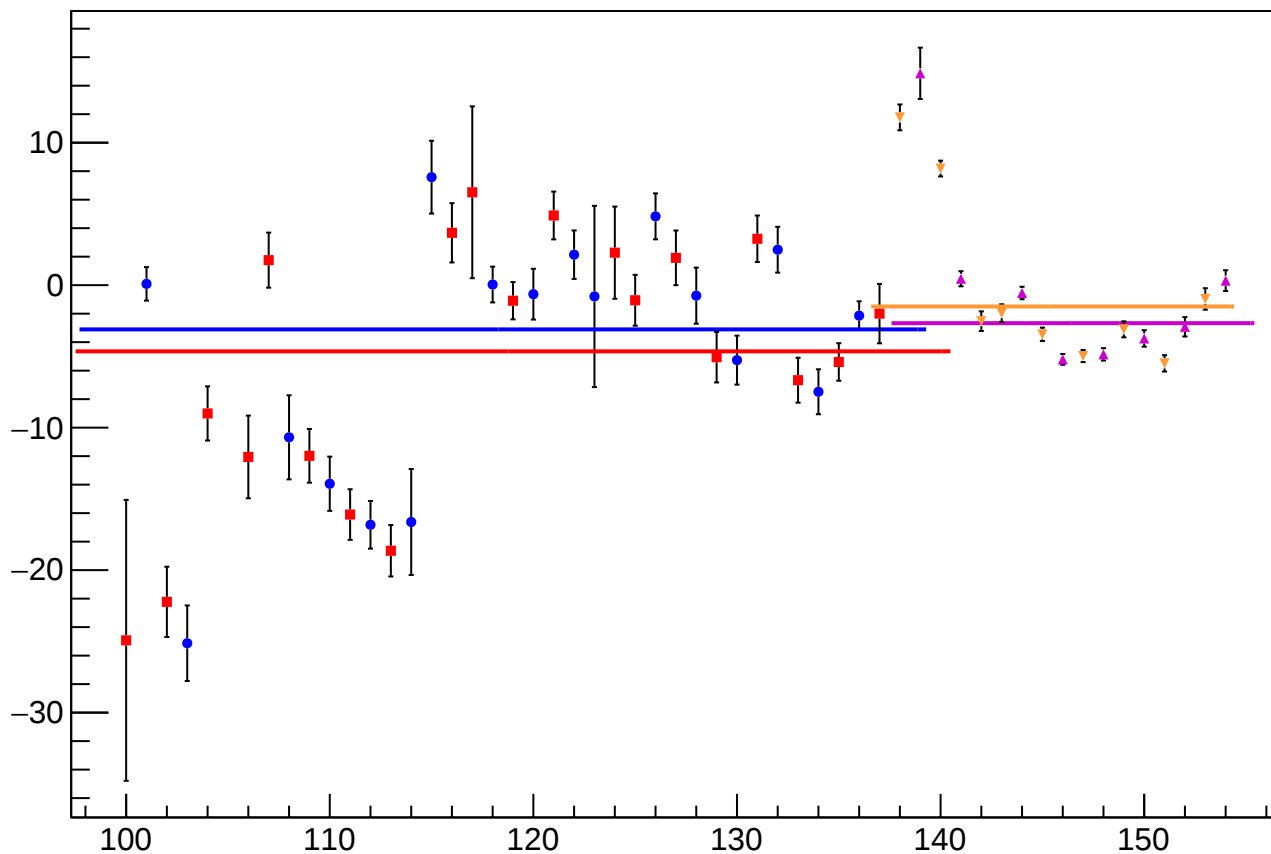
-17.908+/-0.281 χ^2/NDF : 1799.1/8

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: -1.497 ± 0.192 χ^2/NDF : 662.0/8

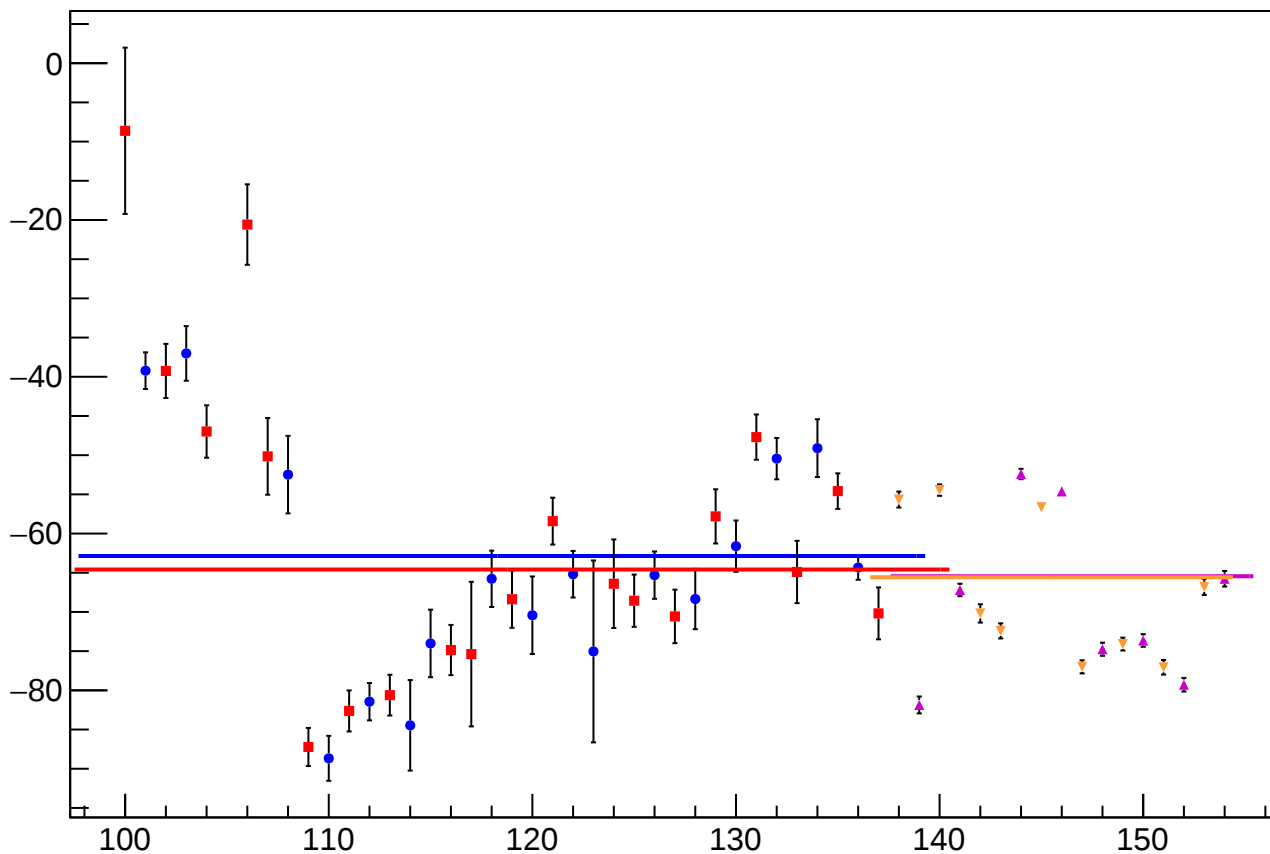
Right Out: -4.645 ± 0.425 χ^2/NDF : 301.1/19

Left In: -2.667 ± 0.188 χ^2/NDF : 243.9/7

-1.785 ± 0.174 χ^2/NDF : 953.7/25

-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 χ^2/NDF : 368.7/16

Left Out: -65.575 ± 0.285 χ^2/NDF : 1049.1/8

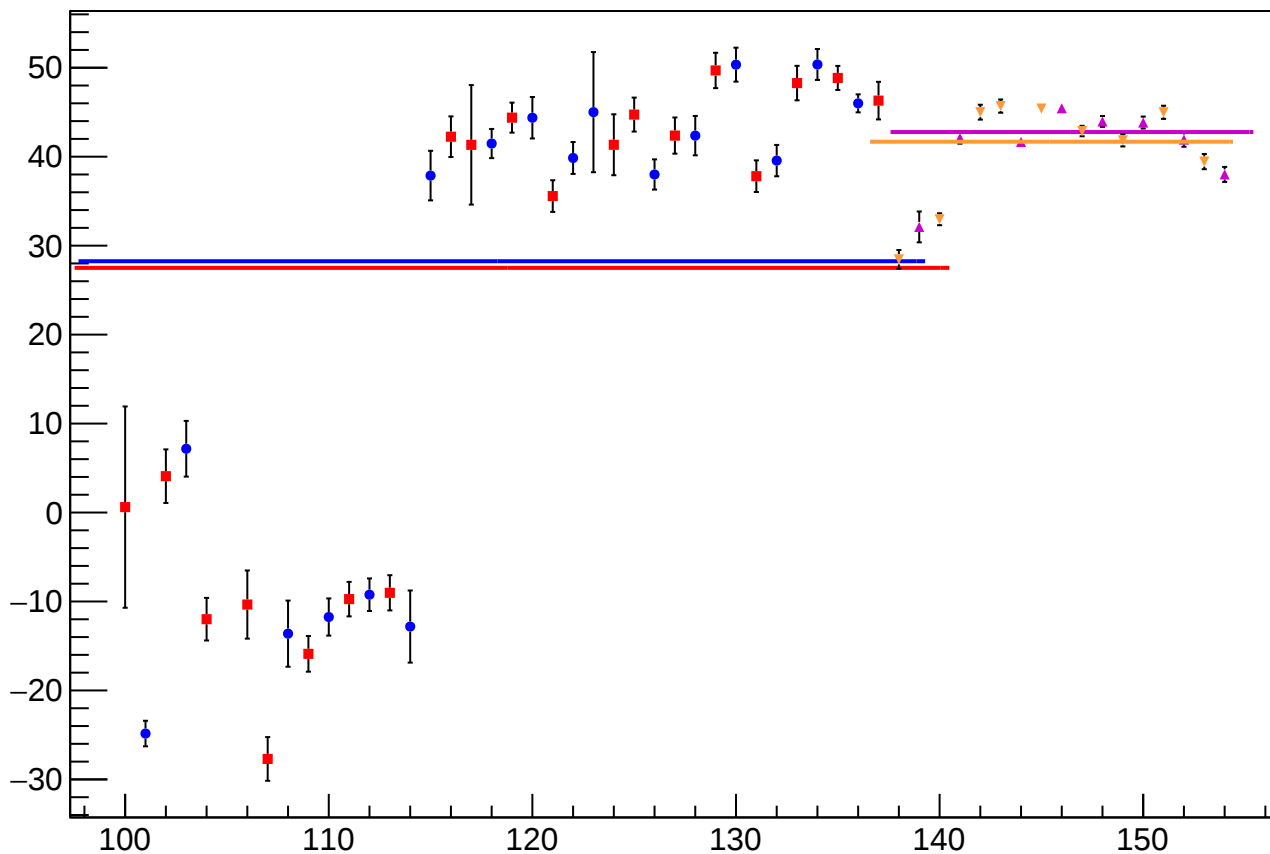
Right Out: -64.588 ± 0.749 χ^2/NDF : 445.6/19

Left In: -65.444 ± 0.278 χ^2/NDF : 1450.2/7

-65.225 ± 0.266 χ^2/NDF : 1429.5/25

-65.341 ± 0.260 χ^2/NDF : 1896.9/27

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.250+/-0.460 χ^2 /NDF: 3319.5/16

Left Out: 41.683+/-0.236 χ^2 /NDF: 450.1/8

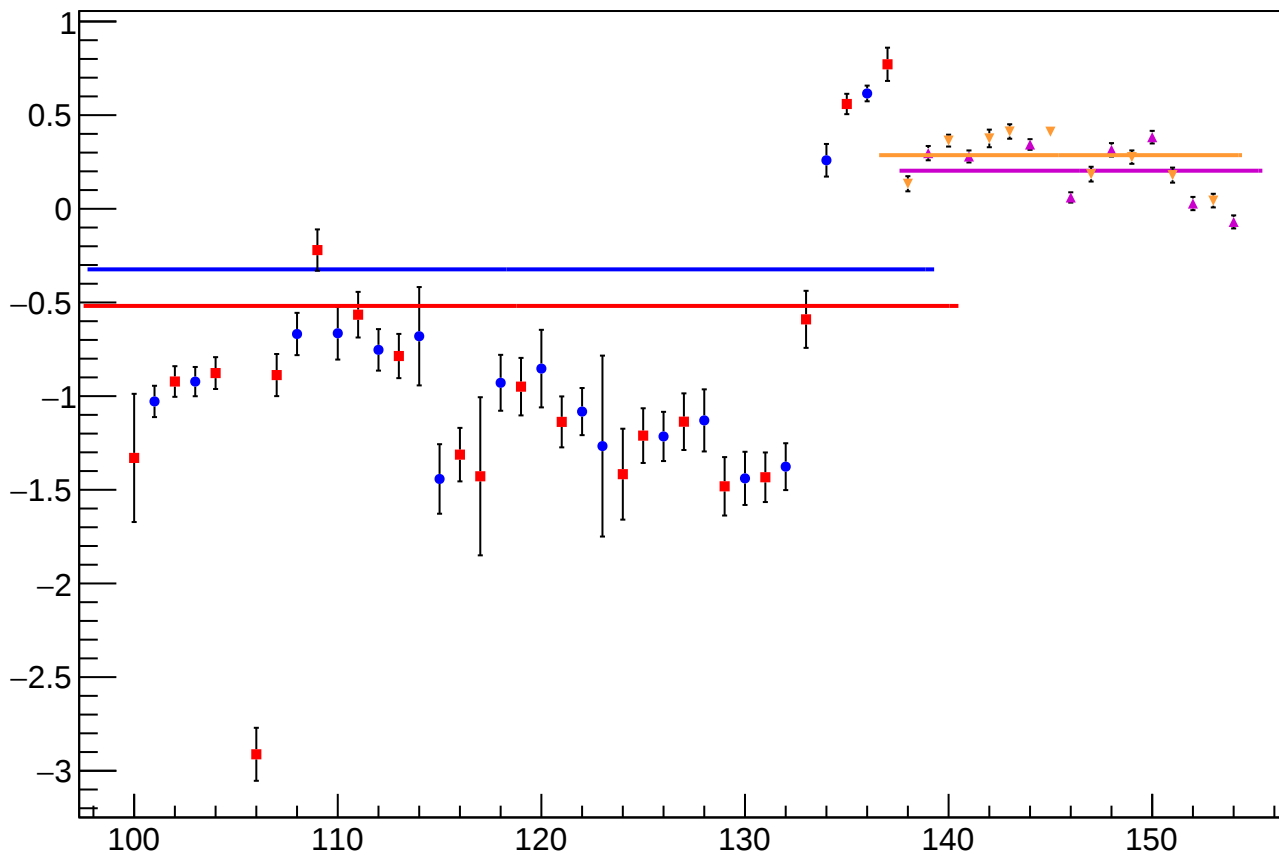
Right Out: 27.505+/-0.478 χ^2 /NDF: 3036.7/19

Left In: 42.773+/-0.231 χ^2 /NDF: 114.4/7

38.889+/-0.210 χ^2 /NDF: 4444.7/25

39.882+/-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: 0.286 ± 0.012 χ^2/NDF : 119.4/8

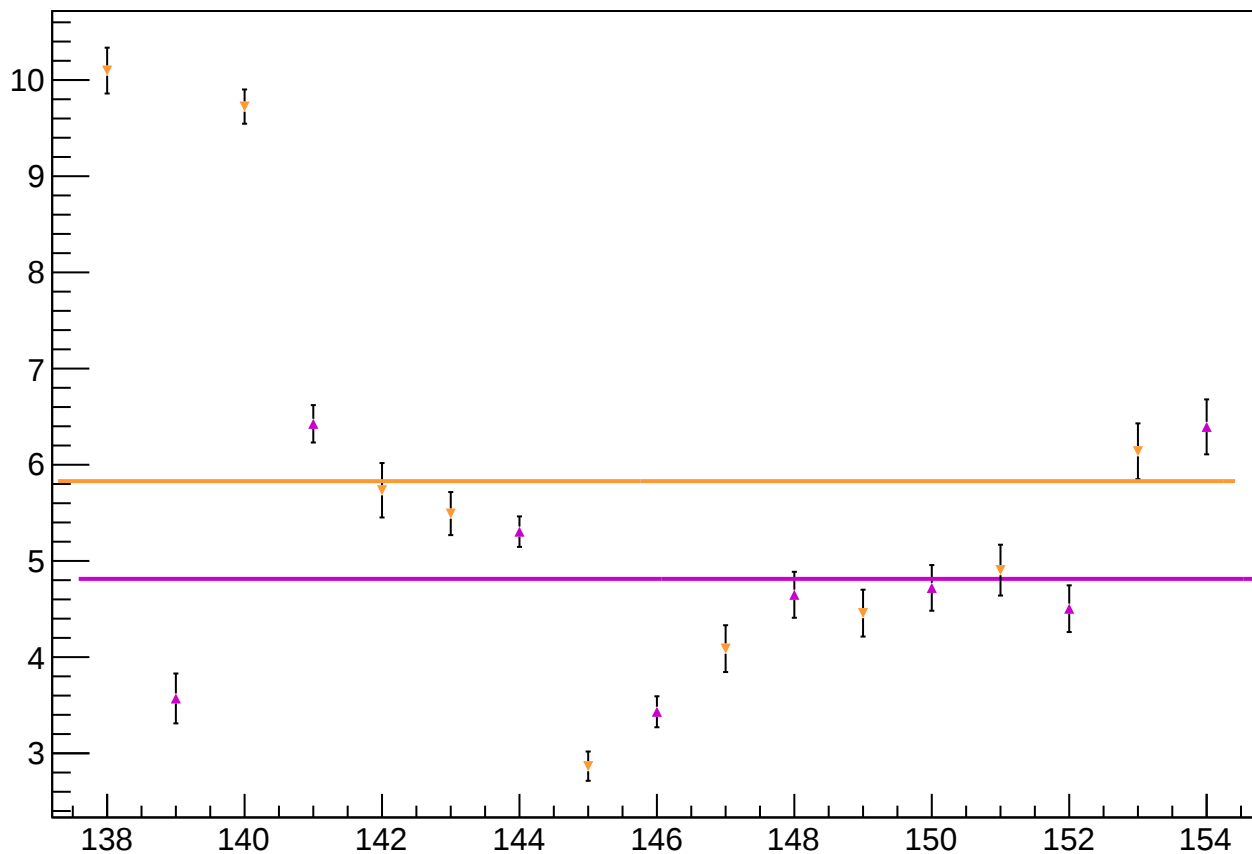
Right Out: -0.518 ± 0.026 χ^2/NDF : 1165.5/19

Left In: 0.203 ± 0.012 χ^2/NDF : 186.6/7

0.176 ± 0.011 χ^2/NDF : 1618.5/25

0.082 ± 0.011 χ^2/NDF : 2007.9/27

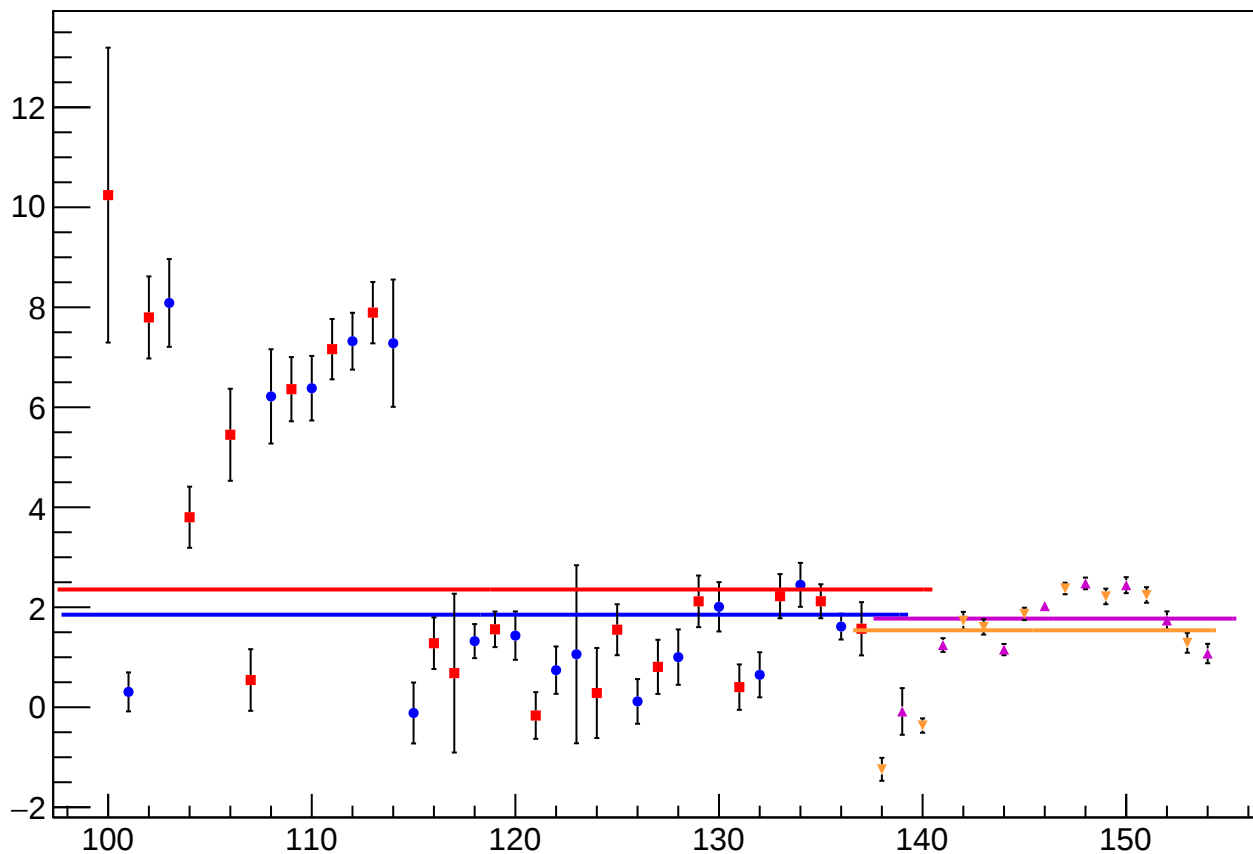
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.830+/-0.074 χ^2/NDF :1277.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.814+/-0.074 χ^2/NDF :207.7/7

5.830+/-0.074 χ^2/NDF : 1277.3/8
 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: 1.539 ± 0.051 χ^2/NDF : 423.5/8

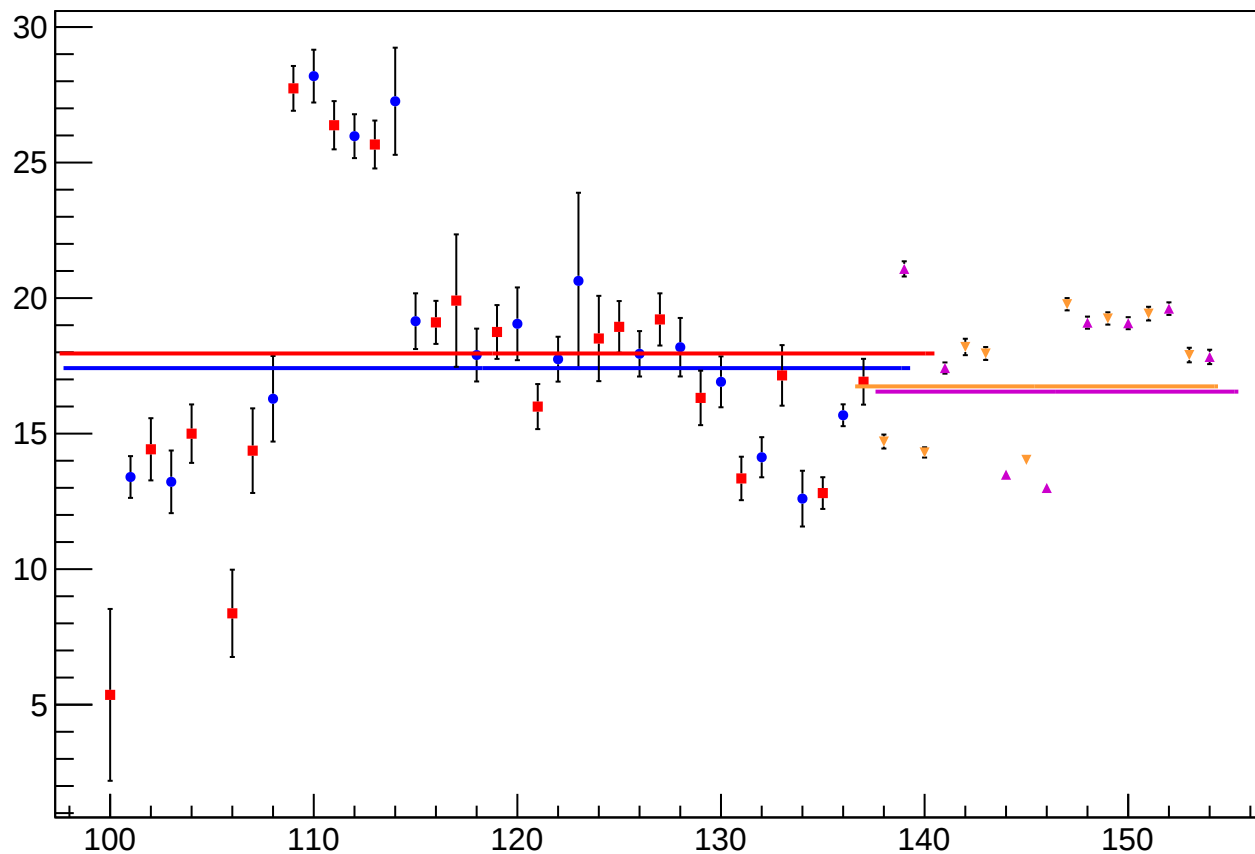
Right Out: 2.355 ± 0.122 χ^2/NDF : 337.4/19

Left In: 1.773 ± 0.049 χ^2/NDF : 134.5/7

1.588 ± 0.046 χ^2/NDF : 723.6/25

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+/-0.213 χ^2 /NDF: 367.0/16

Left Out: 16.743+/-0.075 χ^2 /NDF:986.9/8

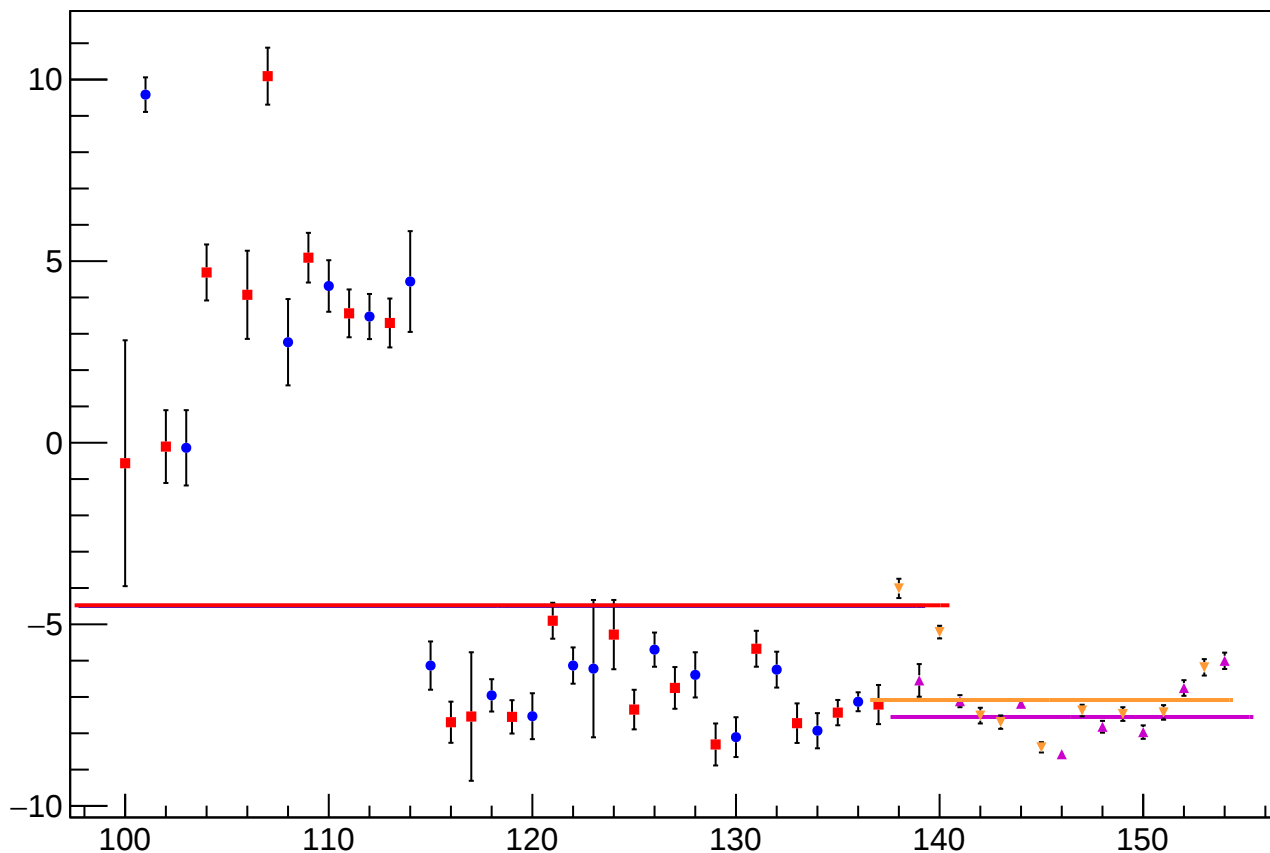
Right Out: 17.957+/-0.218 χ^2 /NDF: 506.2/19

Left In: 16.549+/-0.073 χ^2 /NDF:1586.6/7

16.817+/-0.071 χ^2 /NDF: 1362.9/25

16.692+/-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: -7.084 ± 0.062 χ^2/NDF : 373.9/8

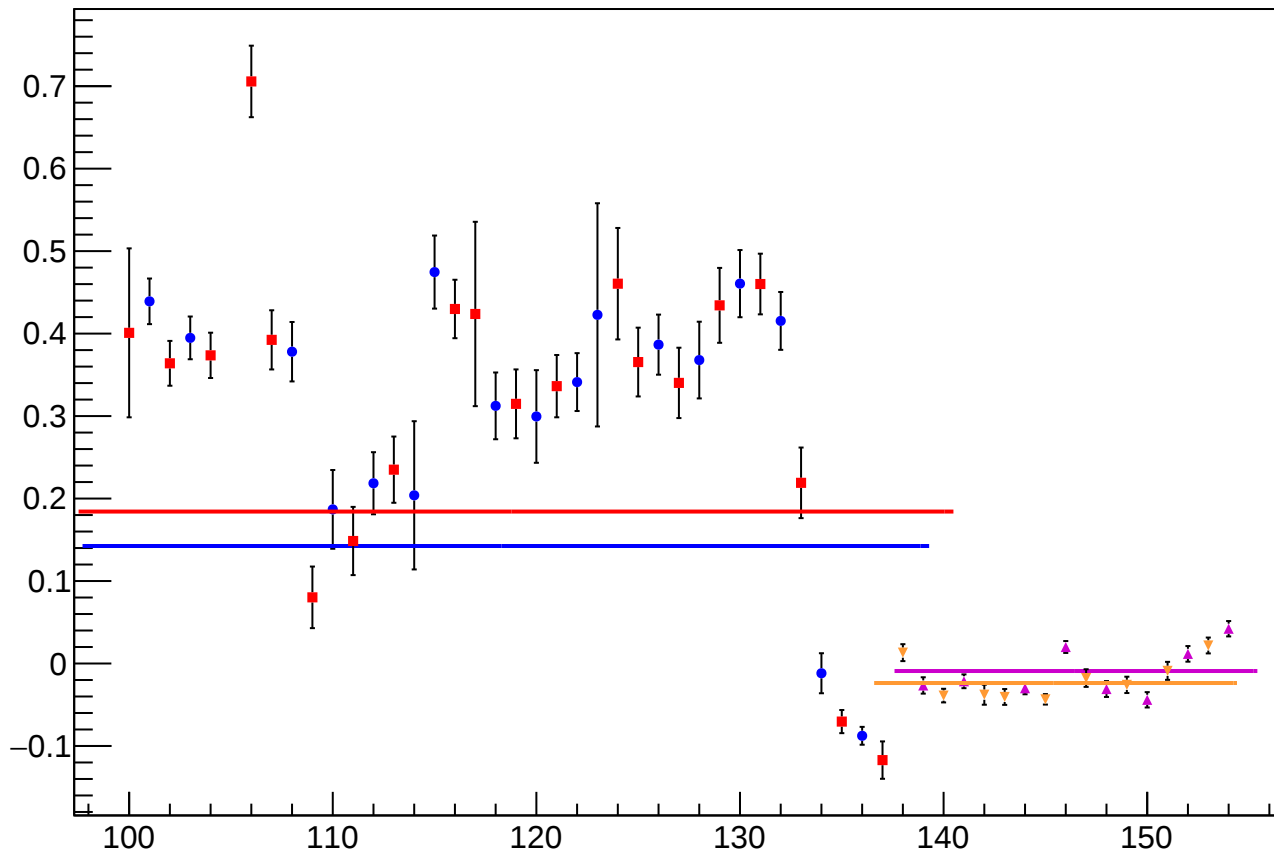
Right Out: -4.476 ± 0.137 χ^2/NDF : 1342.0/19

Left In: -7.551 ± 0.061 χ^2/NDF : 156.3/7

-6.605 ± 0.056 χ^2/NDF : 2281.3/25

-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 ± 0.007 χ^2/NDF : 1058.8/16

Left Out: -0.024 ± 0.003 χ^2/NDF : 55.0/8

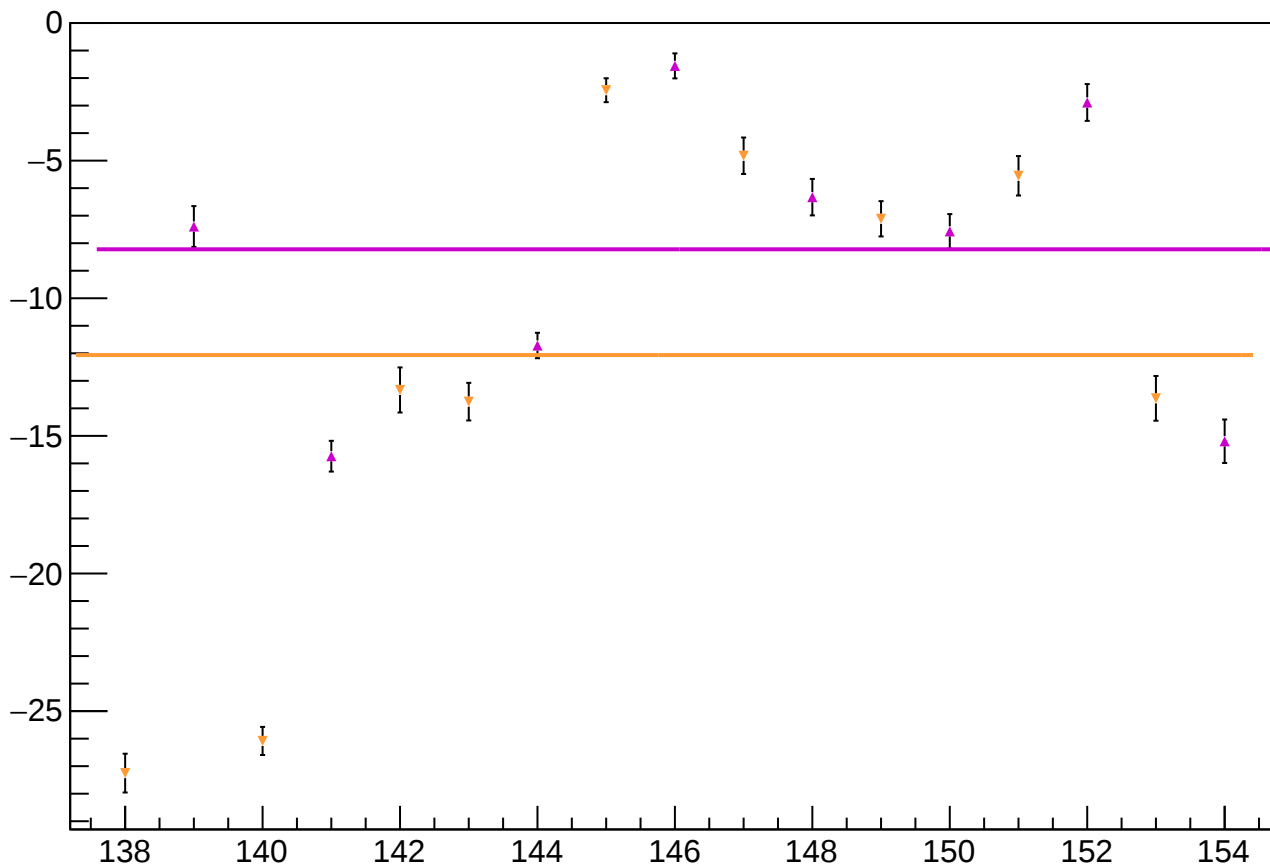
Right Out: 0.184 ± 0.007 χ^2/NDF : 1005.5/19

Left In: -0.009 ± 0.003 χ^2/NDF : 84.0/7

0.003 ± 0.003 χ^2/NDF : 1577.4/25

0.019 ± 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: -12.063+/-0.209 χ^2/NDF :1983.9/8

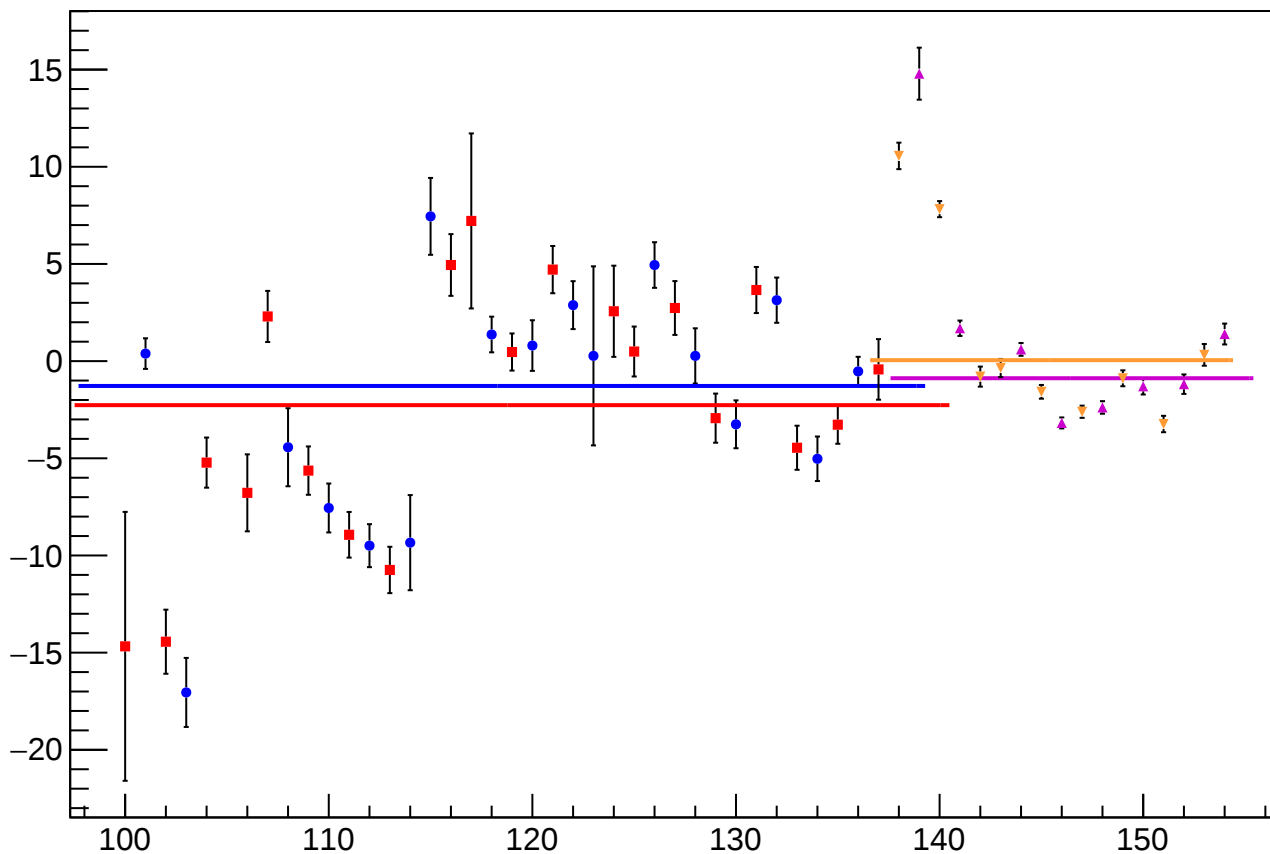
-12.063+/-0.209 χ^2/NDF : 1983.9/8

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

Left In: -8.221+/-0.208 χ^2/NDF :605.7/7

-8.221+/-0.208 χ^2/NDF : 605.7/7

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.278 ± 0.292 χ^2/NDF : 276.5/16

Left Out: 0.048 ± 0.143 χ^2/NDF : 752.2/8

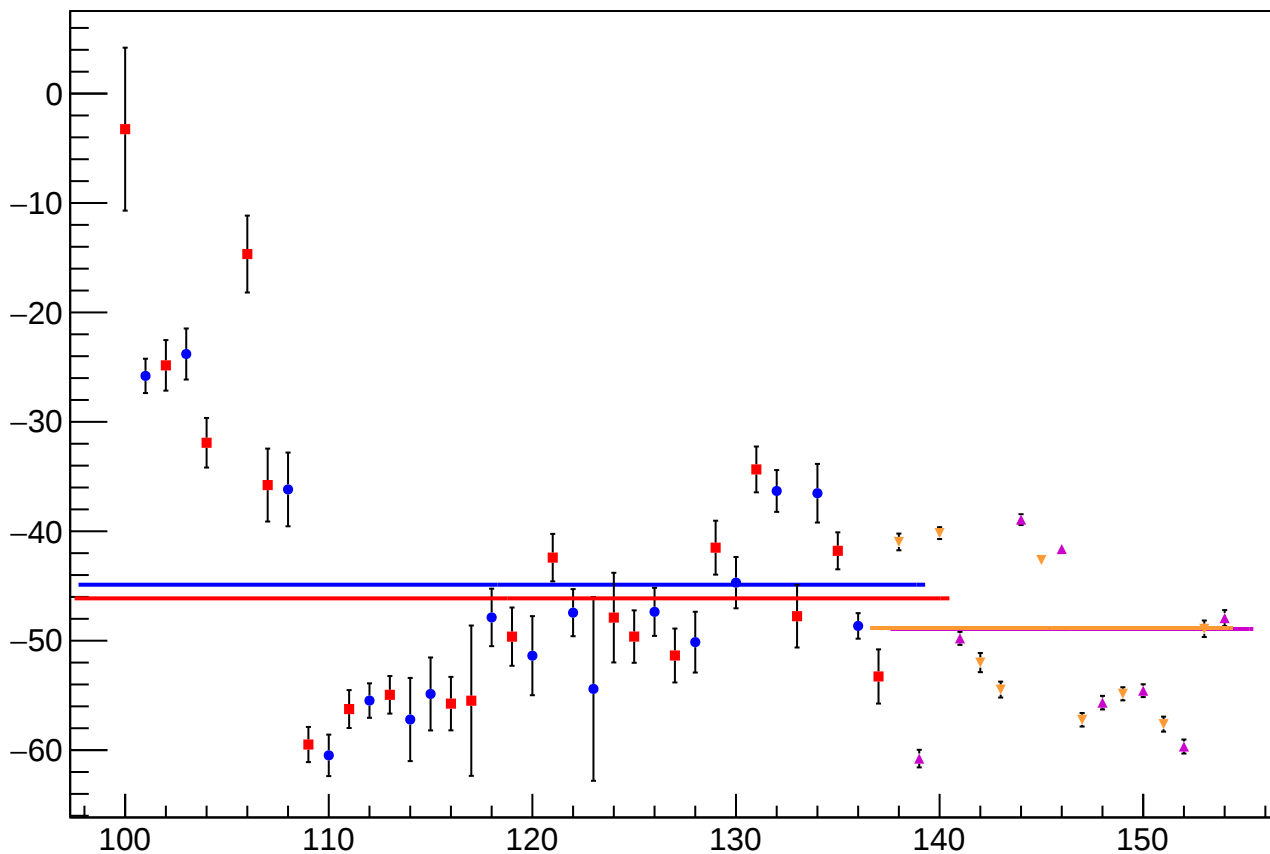
Right Out: -2.266 ± 0.302 χ^2/NDF : 289.8/19

Left In: -0.880 ± 0.140 χ^2/NDF : 306.8/7

-0.207 ± 0.128 χ^2/NDF : 1045.3/25

-1.125 ± 0.127 χ^2/NDF : 613.9/27

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.883 ± 0.524 χ^2/NDF : 421.0/16

Left Out: -48.840 ± 0.212 χ^2/NDF : 1064.1/8

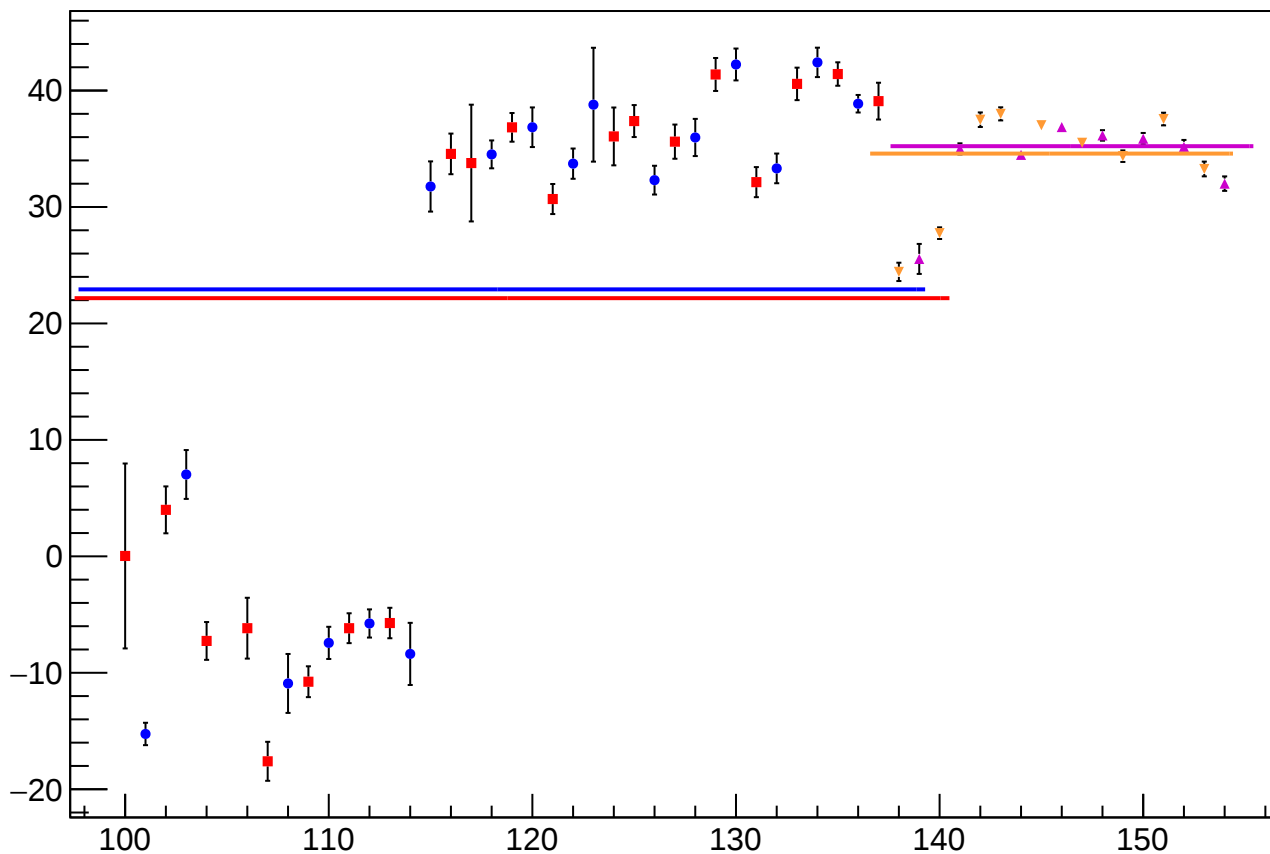
Right Out: -46.130 ± 0.527 χ^2/NDF : 456.1/19

Left In: -48.928 ± 0.206 χ^2/NDF : 1401.7/7

-48.285 ± 0.196 χ^2/NDF : 1534.0/25

-48.557 ± 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: 34.586 $\pm$ 0.175 χ^2 /NDF:485.7/8

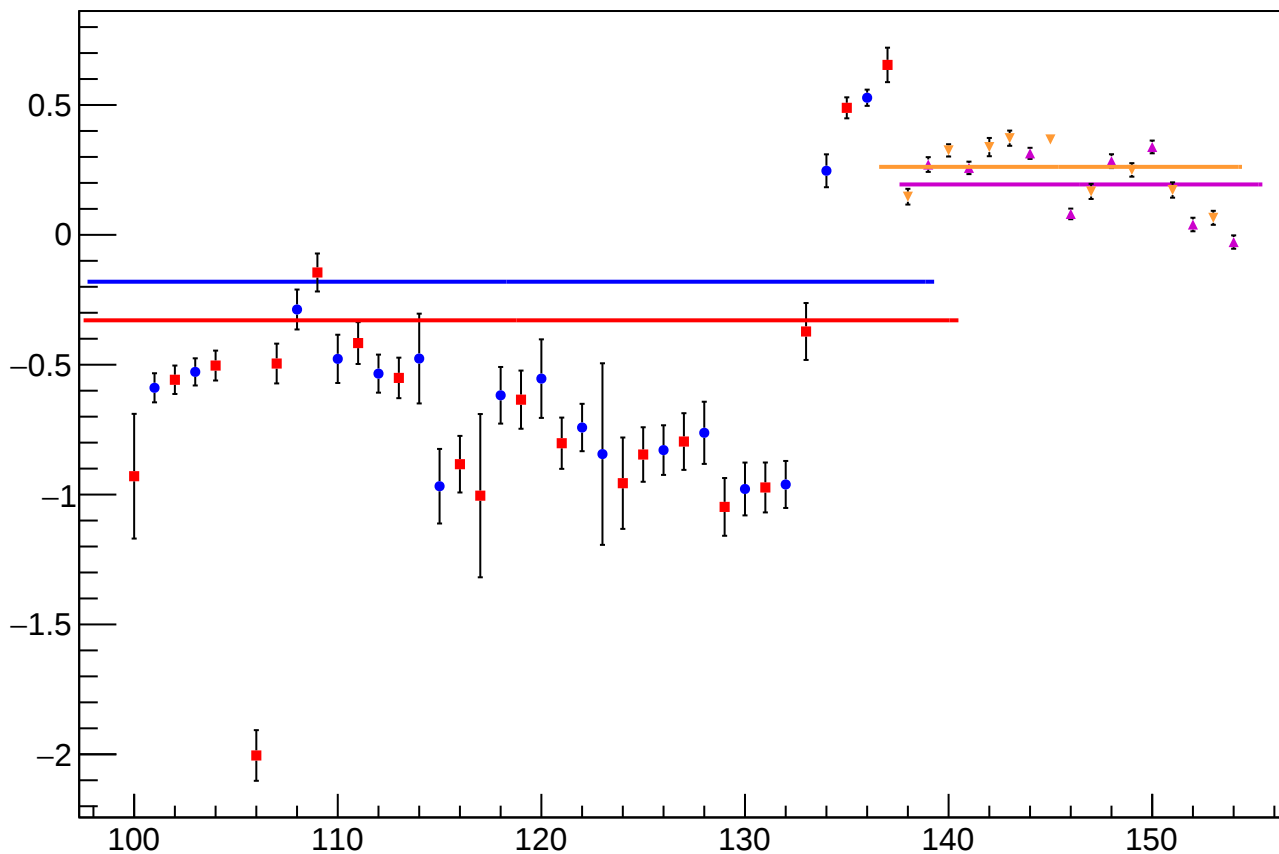
Right Out: 22.170 $\pm$ 0.339 χ^2 /NDF: 4038.8/19

Left In: 35.222 $\pm$ 0.172 χ^2 /NDF:114.4/7

31.999 $\pm$ 0.155 χ^2 /NDF: 5798.8/25

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: 0.262 ± 0.009 χ^2/NDF : 147.4/8

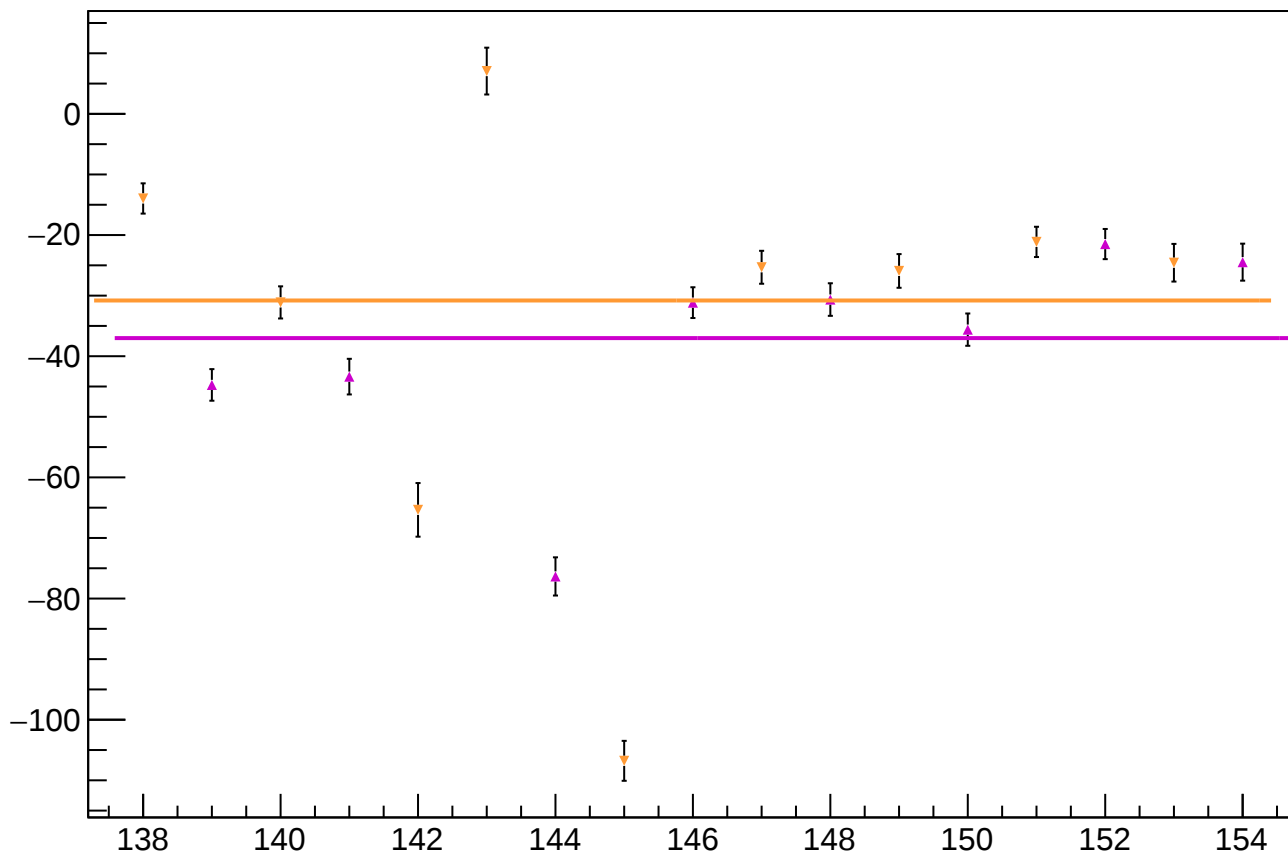
Right Out: -0.329 ± 0.018 χ^2/NDF : 1180.2/19

Left In: 0.194 ± 0.009 χ^2/NDF : 231.8/7

0.176 ± 0.008 χ^2/NDF : 1641.9/25

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: -30.802+/-0.980 χ^2/NDF : 759.8/8

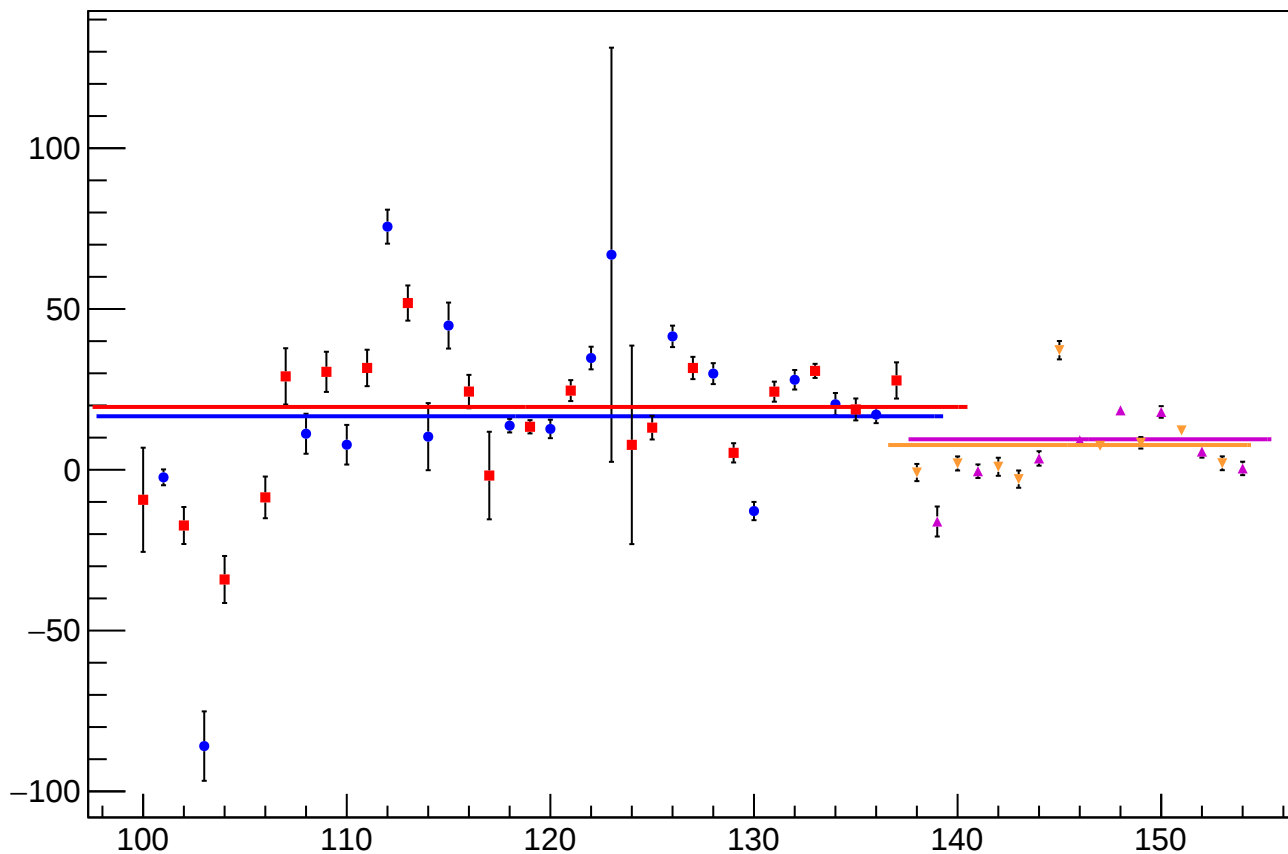
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.010+/-0.969 χ^2/NDF : 236.0/7

-30.802+/-0.980 χ^2/NDF : 759.8/8

-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: 7.697 ± 0.650 $\chi^2/\text{NDF}: 162.4/8$

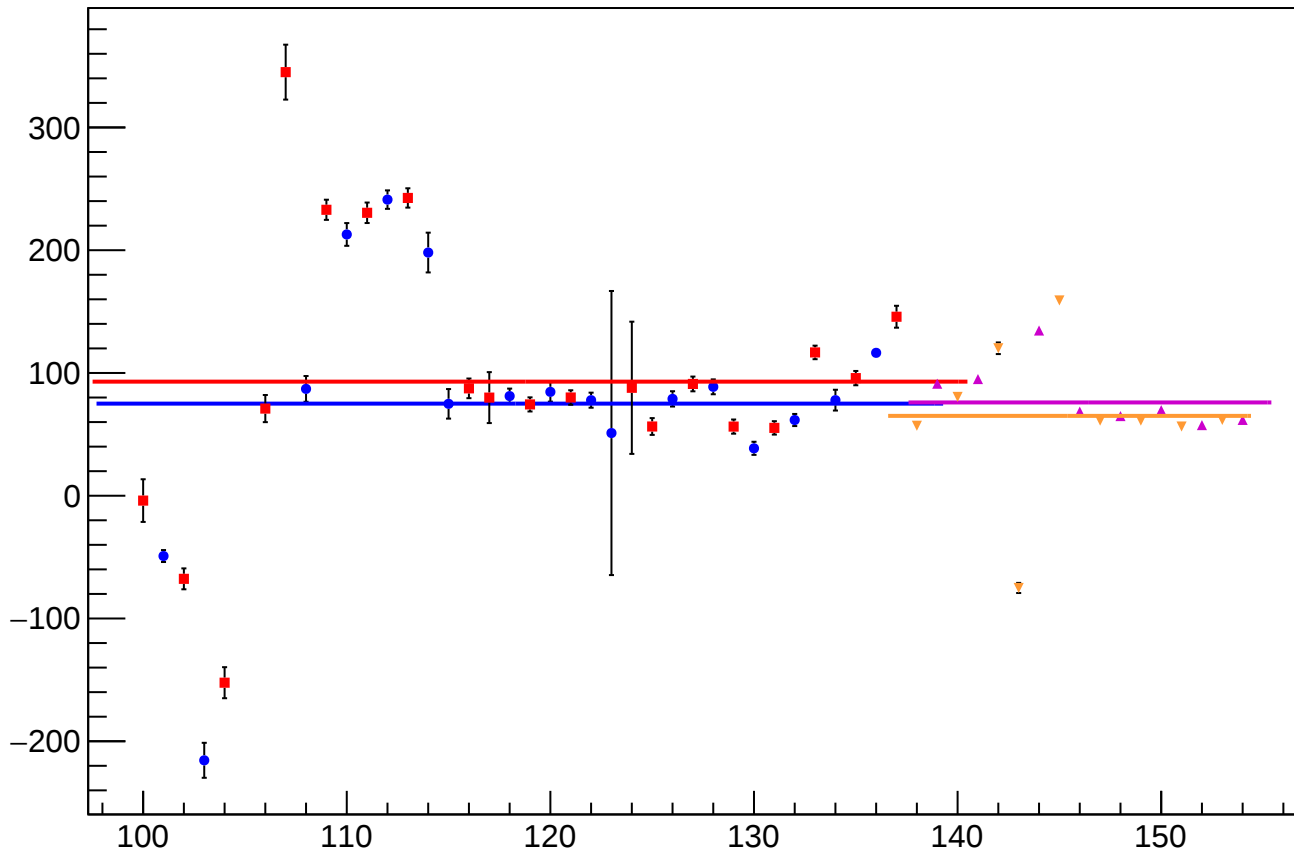
Right Out: 19.540 ± 0.894 $\chi^2/\text{NDF}: 244.1/19$

Left In: 9.487 ± 0.656 $\chi^2/\text{NDF}: 151.8/7$

10.956 ± 0.518 $\chi^2/\text{NDF}: 750.3/25$

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: 65.051 $\pm$ 0.977 χ^2 /NDF:2101.7/8

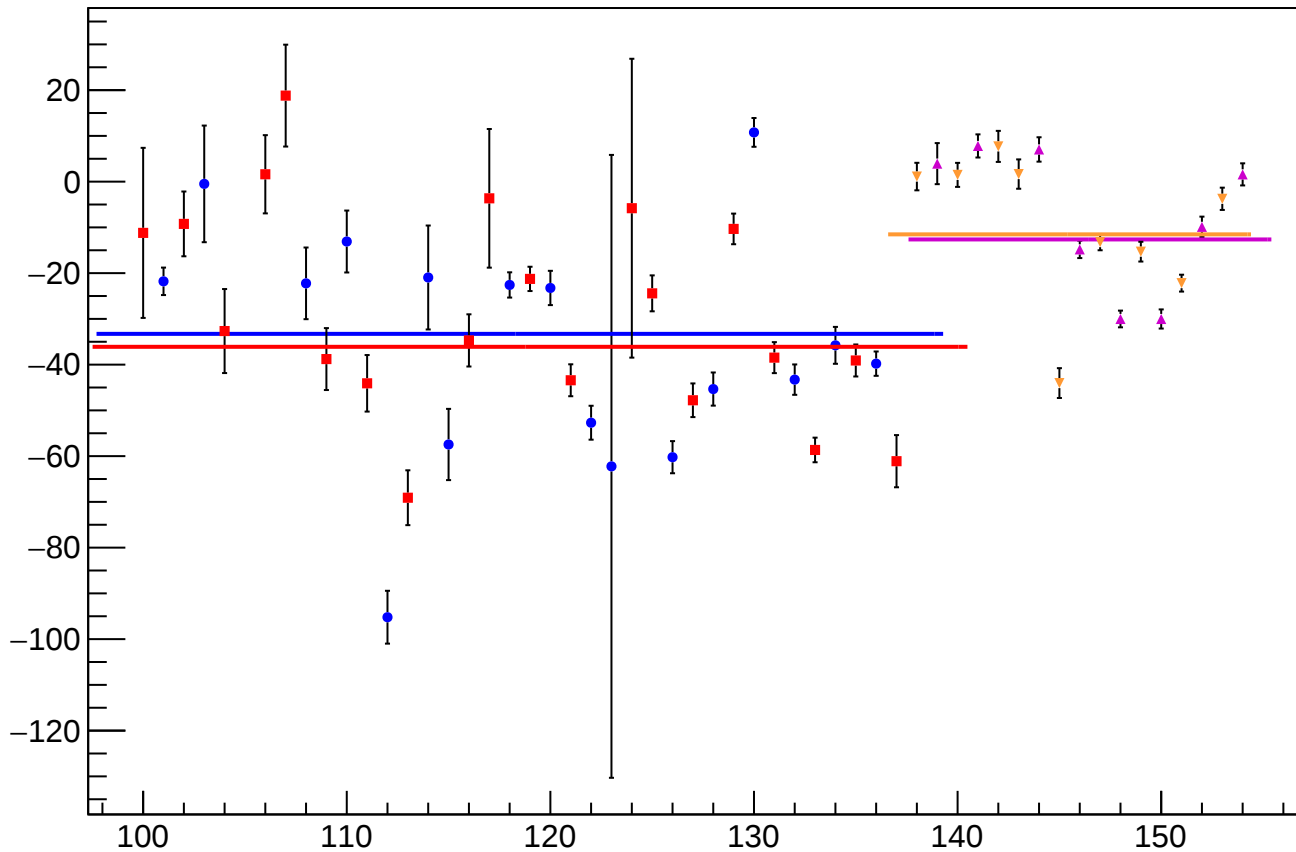
Right Out: 92.940 $\pm$ 1.706 χ^2 /NDF: 2004.0/19

Left In: 75.986 $\pm$ 0.952 χ^2 /NDF:488.5/7

67.649 $\pm$ 0.840 χ^2 /NDF: 4128.6/25

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: -11.523 ± 0.809 $\chi^2/\text{NDF}: 238.1/8$

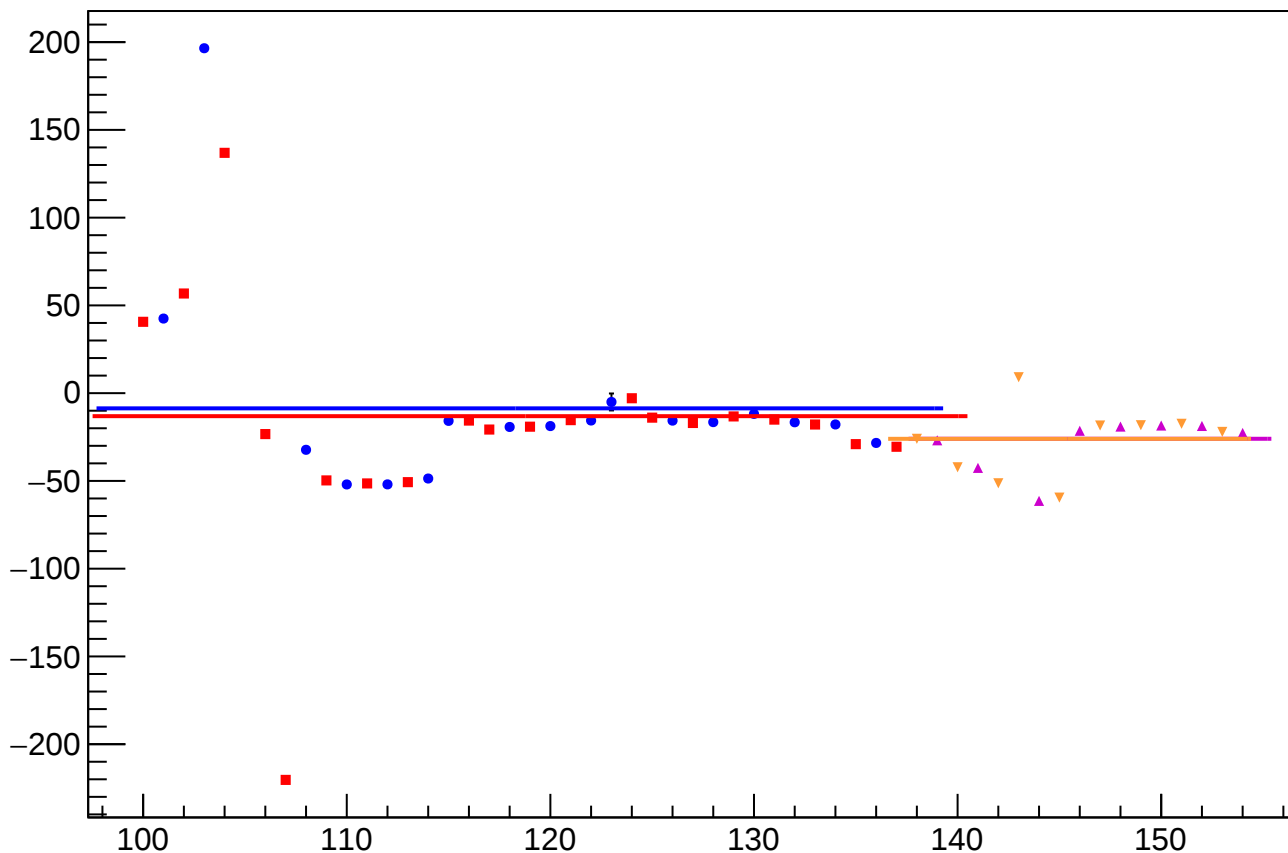
Right Out: -36.103 ± 1.022 $\chi^2/\text{NDF}: 302.3/19$

Left In: -12.636 ± 0.810 $\chi^2/\text{NDF}: 330.5/7$

-20.318 ± 0.624 $\chi^2/\text{NDF}: 1019.7/25$

-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 $\chi^2/\text{NDF}: 575742.7/16$

Left Out: -26.016 ± 0.040 $\chi^2/\text{NDF}: 158833.4/8$

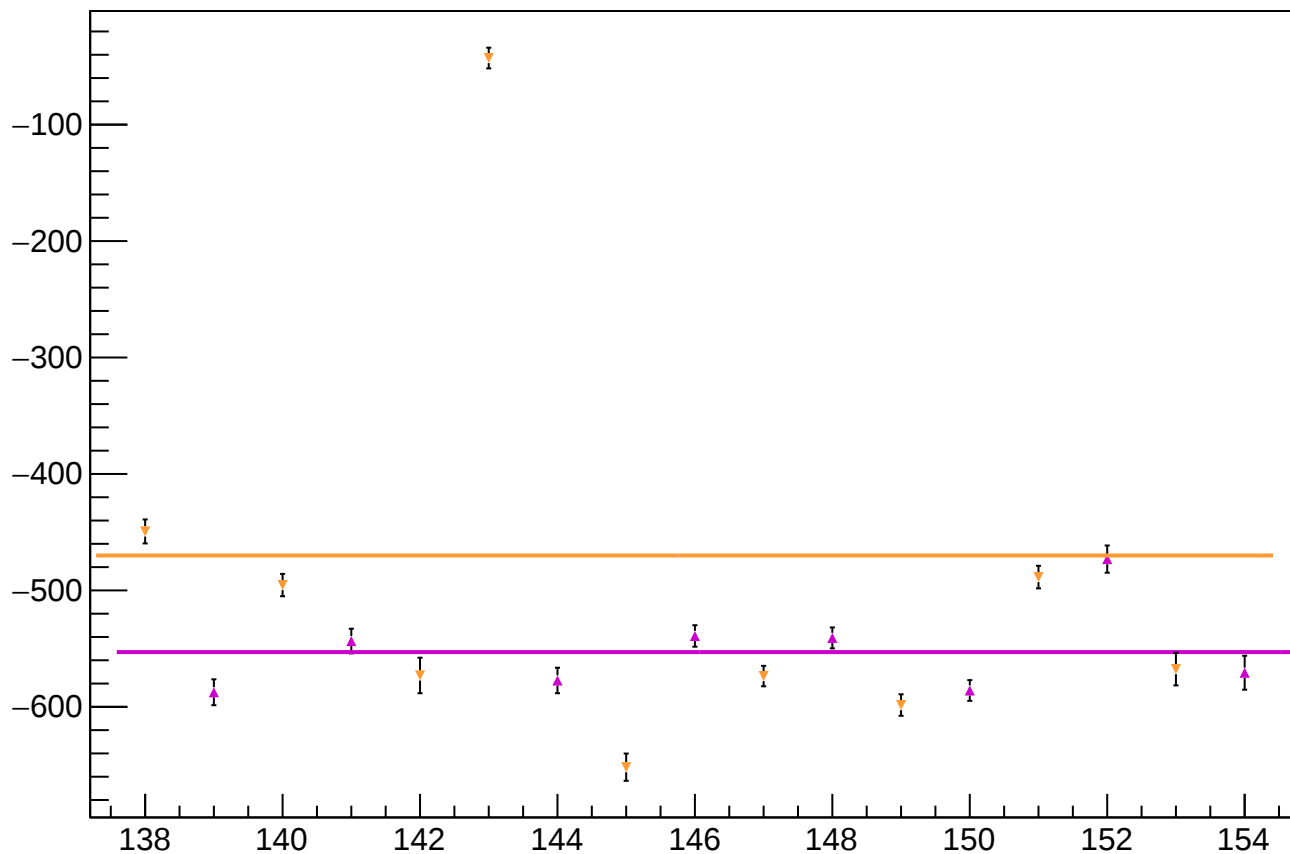
Right Out: -13.109 ± 0.062 $\chi^2/\text{NDF}: 558383.6/19$

Left In: -25.989 ± 0.039 $\chi^2/\text{NDF}: 92497.1/7$

-20.482 ± 0.033 $\chi^2/\text{NDF}: 793380.5/25$

-22.377 ± 0.033 $\chi^2/\text{NDF}: 682239.7/27$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -470.028+/-3.431 χ^2/NDF : 2987.3/8

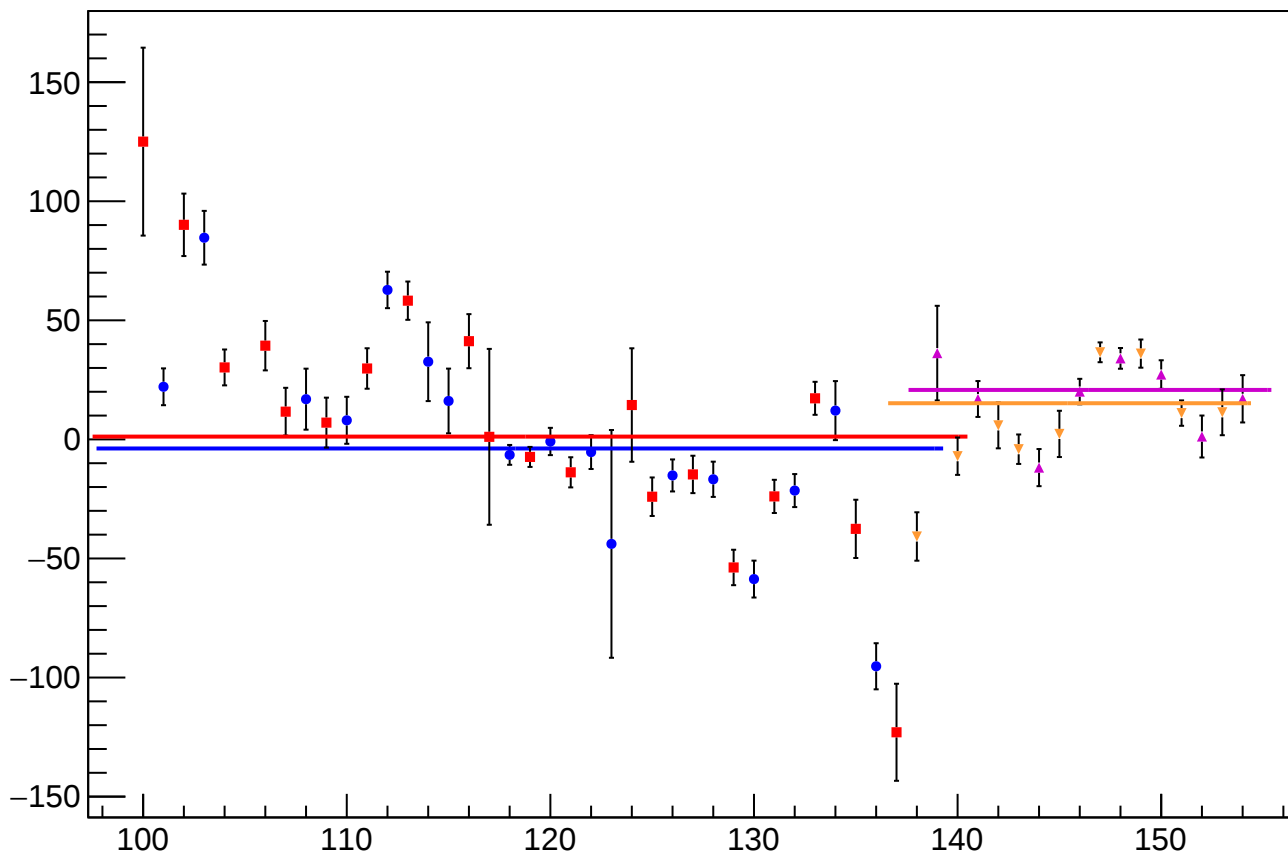
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -552.978+/-3.672 χ^2/NDF : 81.3/7

-470.028+/-3.431 χ^2/NDF : 2987.3/8

-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: 15.186 ± 2.205 χ^2/NDF : 90.4/8

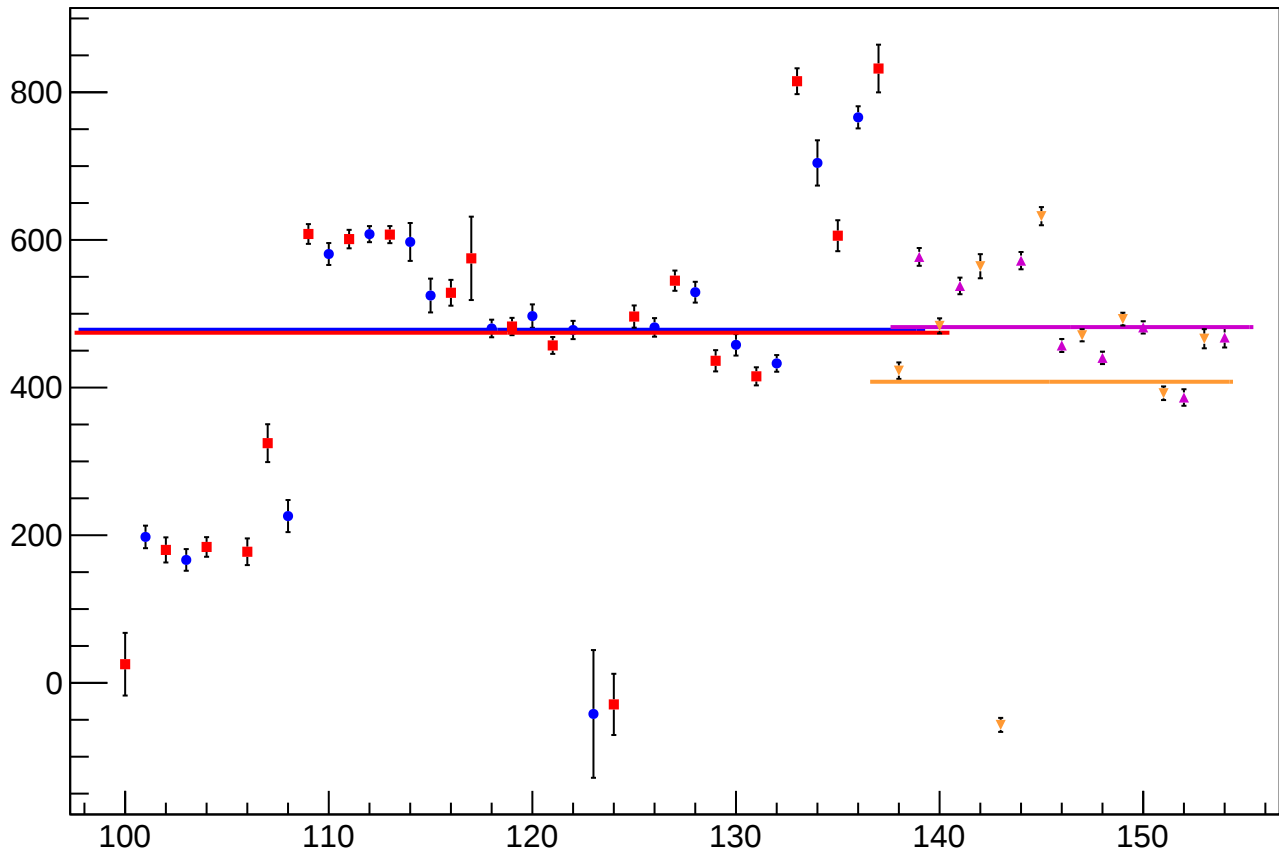
Right Out: 1.175 ± 1.911 χ^2/NDF : 303.9/19

Left In: 20.772 ± 2.390 χ^2/NDF : 33.9/7

4.394 ± 1.449 χ^2/NDF : 446.8/25

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: 407.891 ± 3.430 χ^2/NDF : 3053.2/8

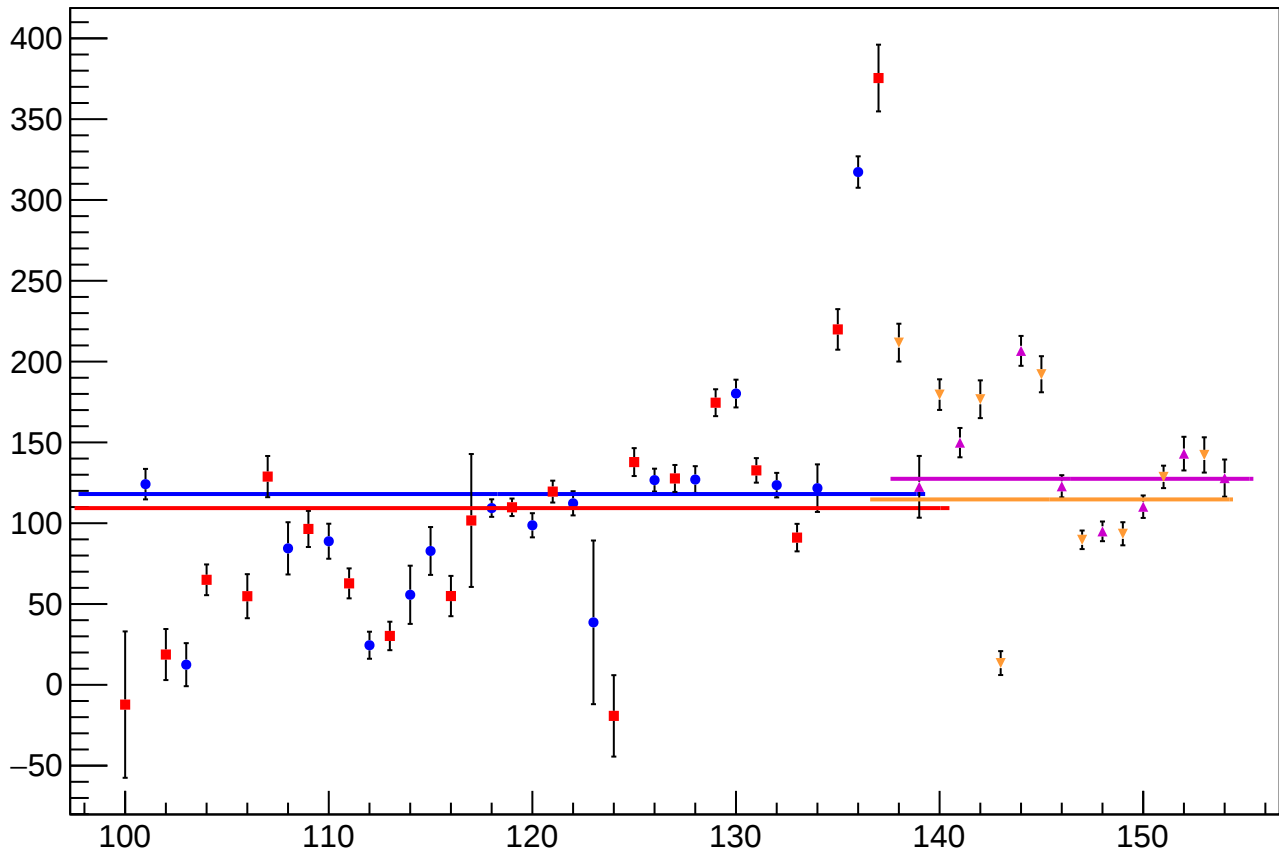
Right Out: 474.296 ± 3.524 χ^2/NDF : 2288.2/19

Left In: 481.933 ± 3.606 χ^2/NDF : 252.0/7

440.812 ± 2.503 χ^2/NDF : 4879.1/25

478.027 ± 2.520 χ^2/NDF : 2542.5/27

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 118.055 ± 2.225 $\chi^2/\text{NDF}: 705.3/16$

Left Out: 114.726 ± 2.762 $\chi^2/\text{NDF}: 417.5/8$

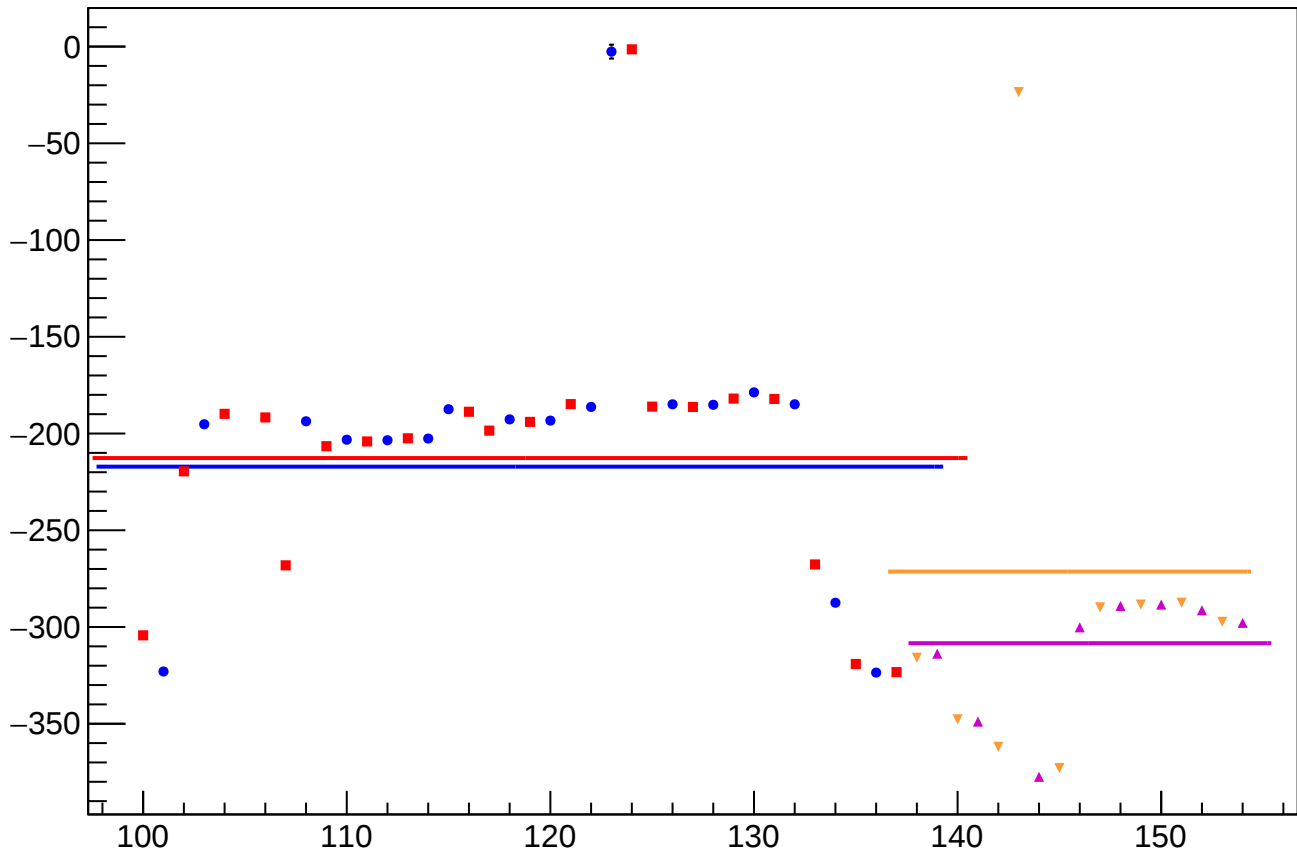
Right Out: 109.345 ± 2.202 $\chi^2/\text{NDF}: 569.8/19$

Left In: 127.474 ± 2.985 $\chi^2/\text{NDF}: 116.7/7$

116.744 ± 1.733 $\chi^2/\text{NDF}: 1123.7/25$

115.732 ± 1.772 $\chi^2/\text{NDF}: 710.4/27$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.120+/-0.137 χ^2/NDF : 146559.7/16

Left Out: -271.349+/-0.144 χ^2/NDF : 536110.7/8

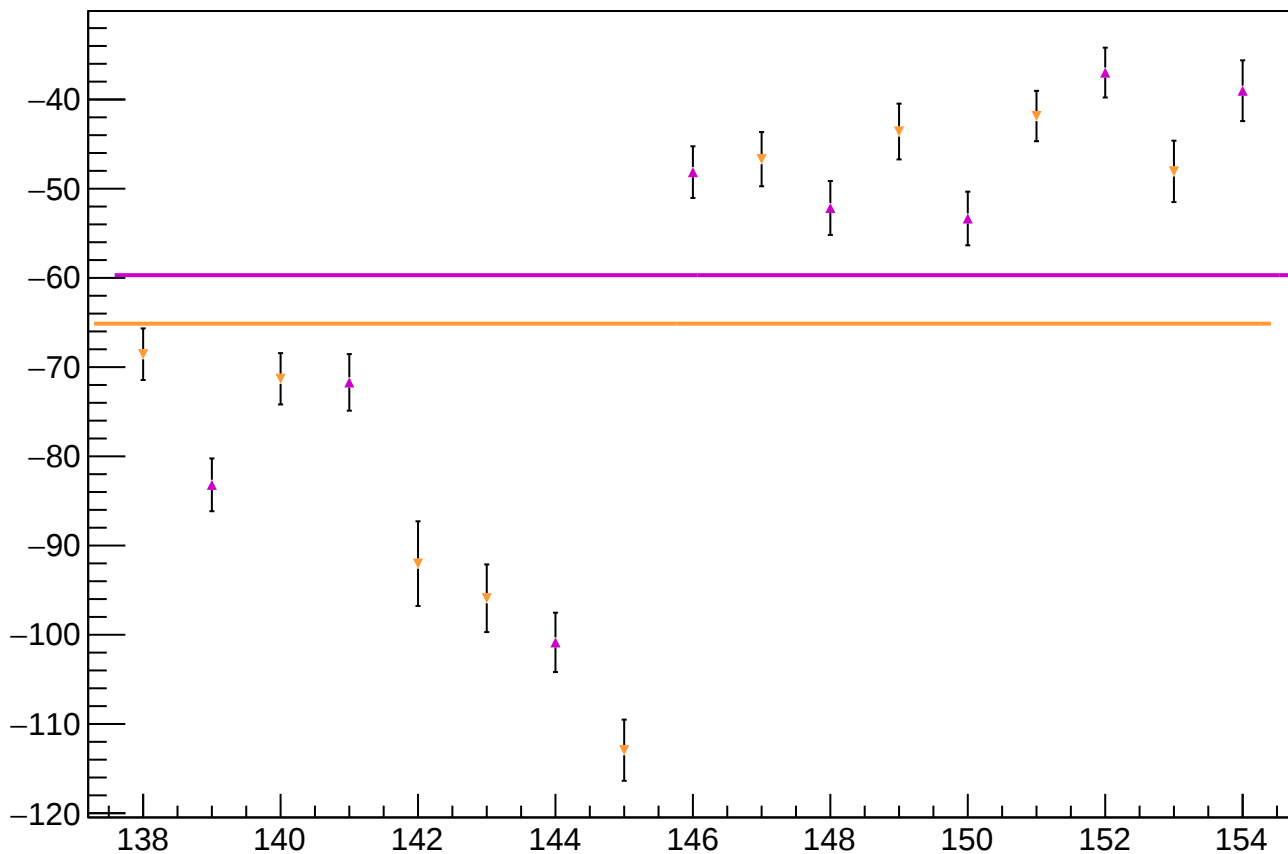
Right Out: -212.679+/-0.130 χ^2/NDF : 115596.4/19

Left In: -308.363+/-0.149 χ^2/NDF : 34622.2/7

-242.804+/-0.099 χ^2/NDF : 757342.8/25

-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: -65.127+/-1.078 χ^2/NDF : 475.3/8

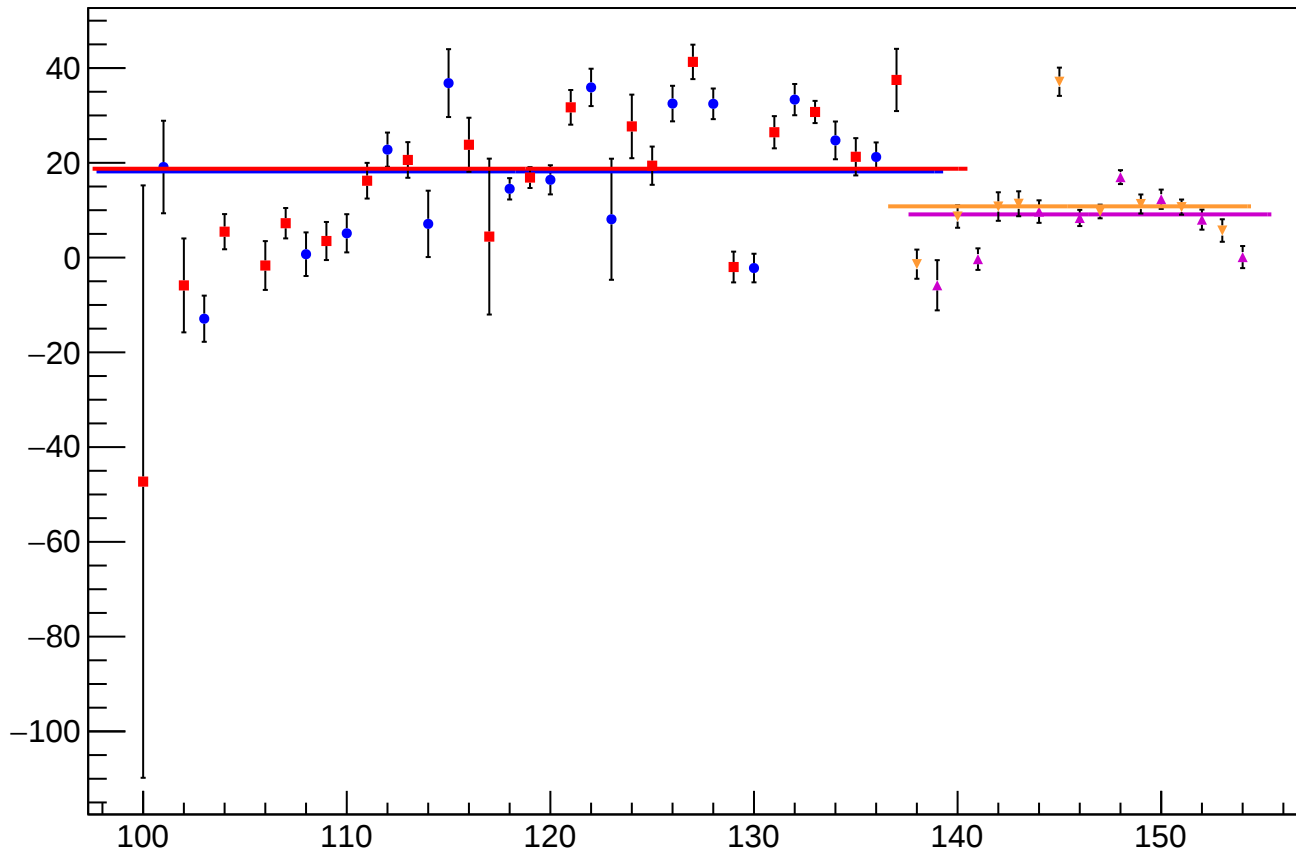
-65.127+/-1.078 χ^2/NDF : 475.3/8

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

-59.692+/-1.080 χ^2/NDF : 360.1/7

Left In: -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: 10.814 ± 0.717 χ^2/NDF : 99.6/8

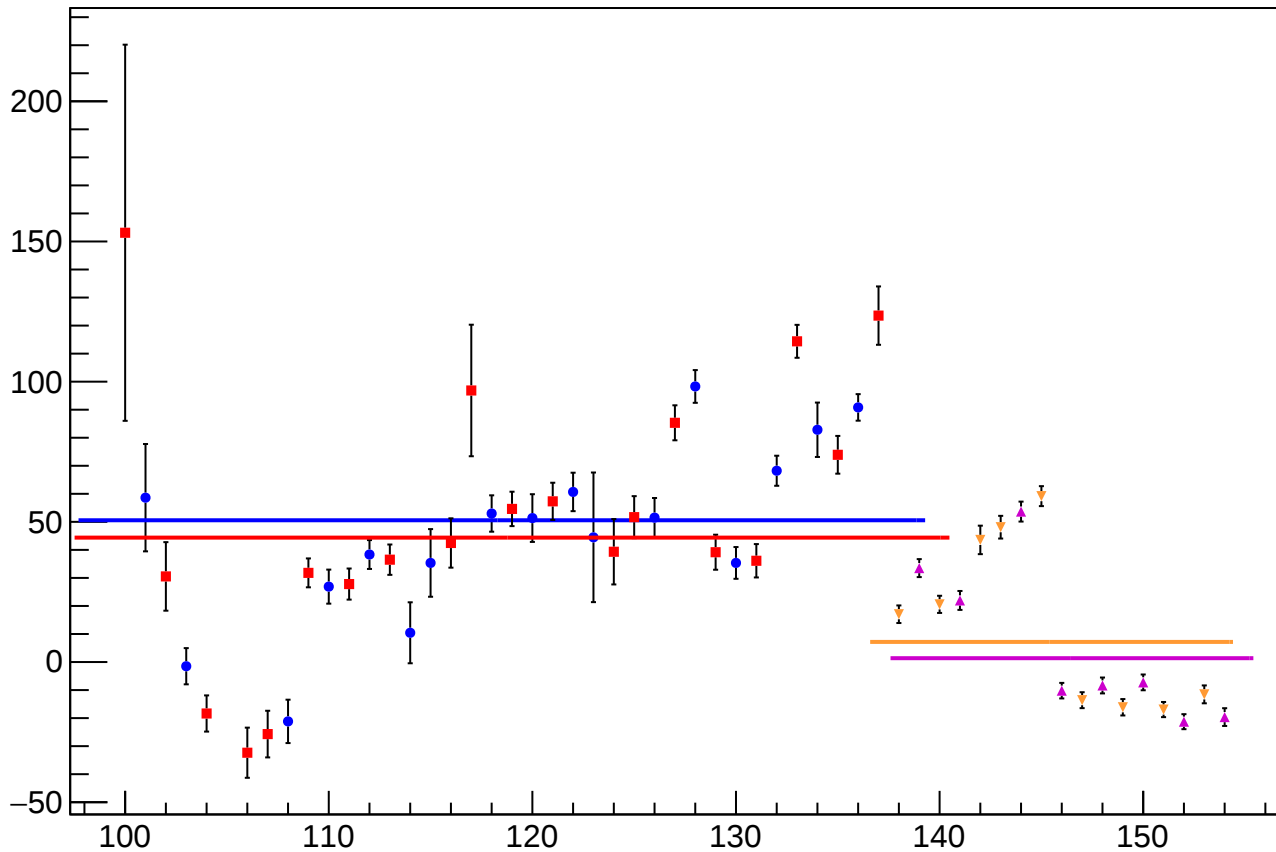
Right Out: 18.752 ± 0.862 χ^2/NDF : 199.5/19

Left In: 9.115 ± 0.733 χ^2/NDF : 71.8/7

13.612 ± 0.565 χ^2/NDF : 344.6/25

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: 7.177 ± 1.076 χ^2/NDF : 626.9/8

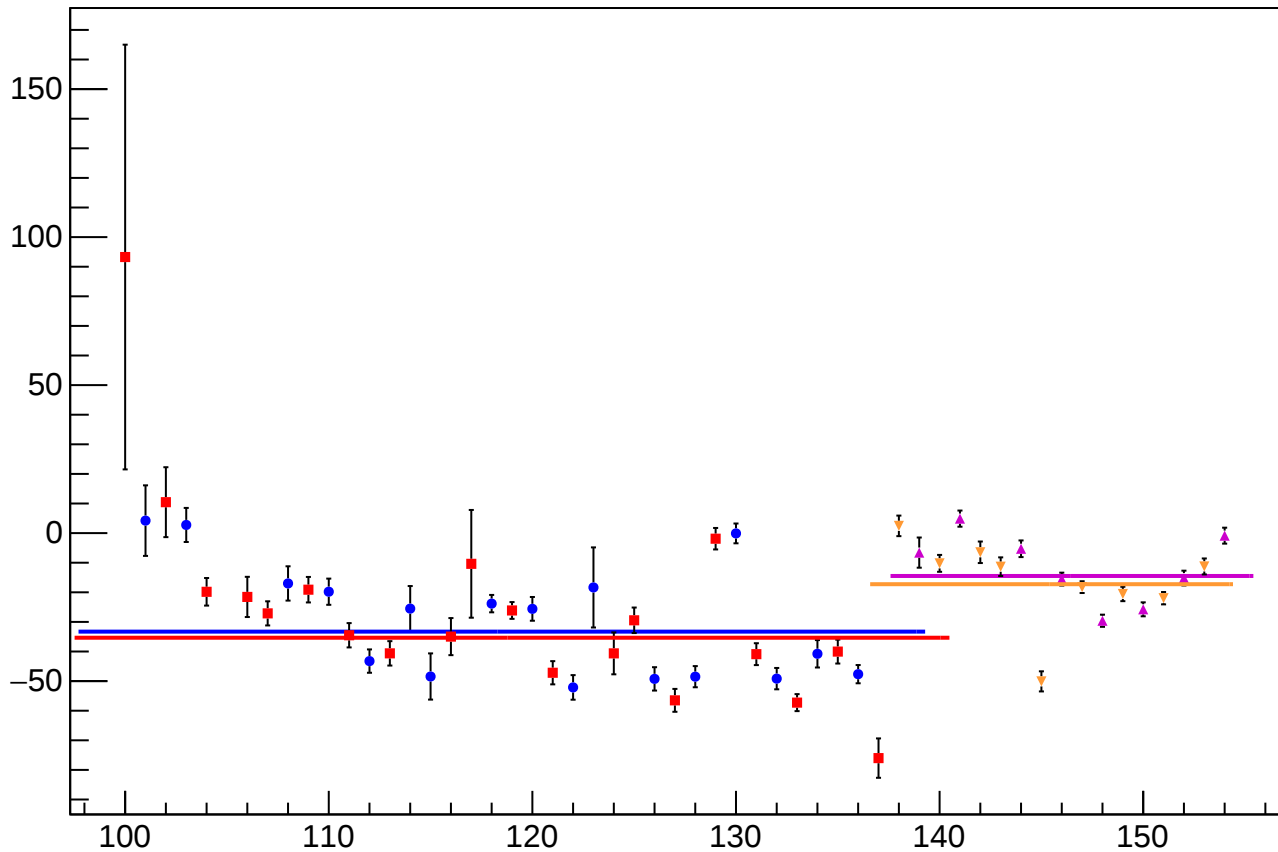
Right Out: 44.377 ± 1.599 χ^2/NDF : 537.6/19

Left In: 1.370 ± 1.063 χ^2/NDF : 508.0/7

19.832 ± 0.906 χ^2/NDF : 1458.6/25

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: -17.260 ± 0.891 χ^2/NDF : 156.2/8

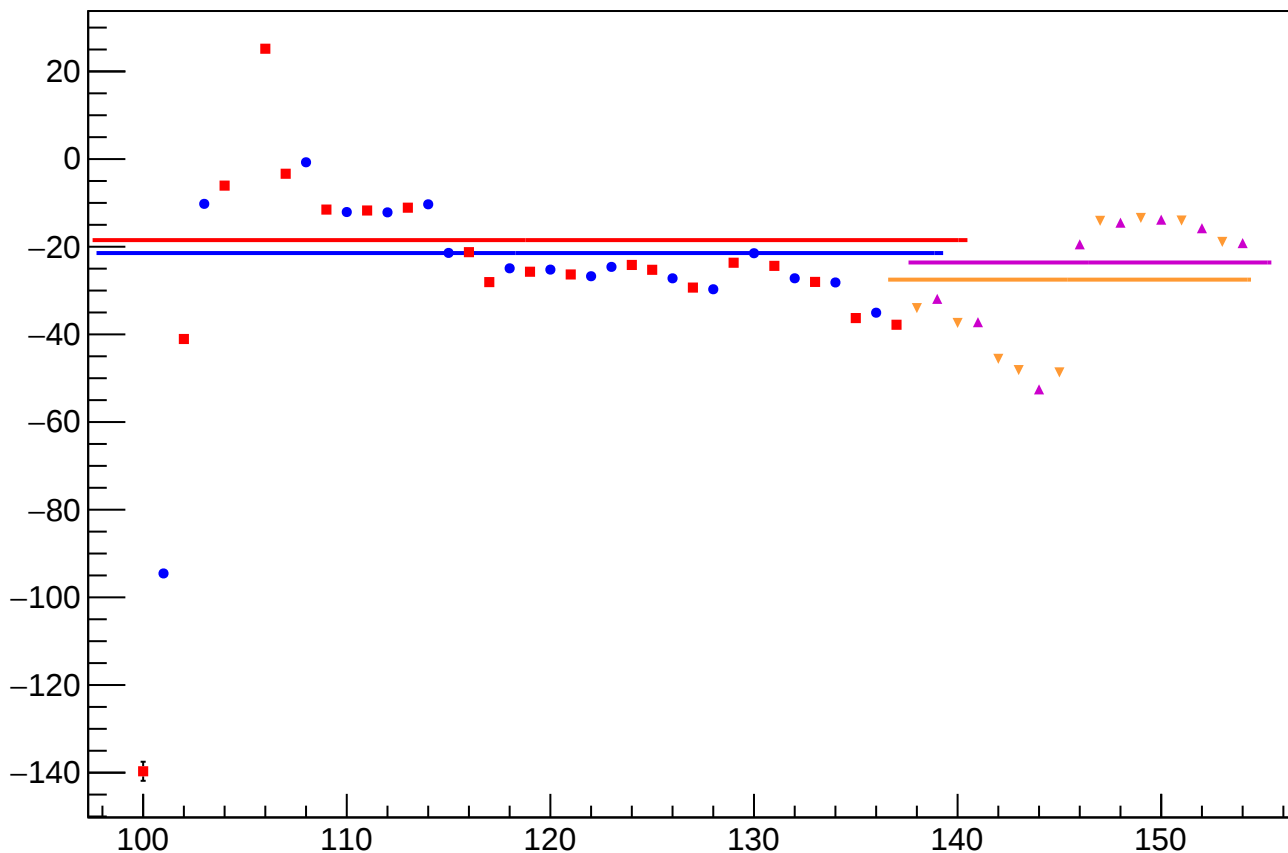
Right Out: -35.343 ± 0.990 χ^2/NDF : 291.6/19

Left In: -14.481 ± 0.904 χ^2/NDF : 166.4/7

-24.018 ± 0.678 χ^2/NDF : 582.6/25

-23.966 ± 0.667 χ^2/NDF : 700.3/27

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.442+/-0.059 χ^2/NDF : 48968.5/16

Left Out: -27.506+/-0.045 χ^2/NDF : 96597.1/8

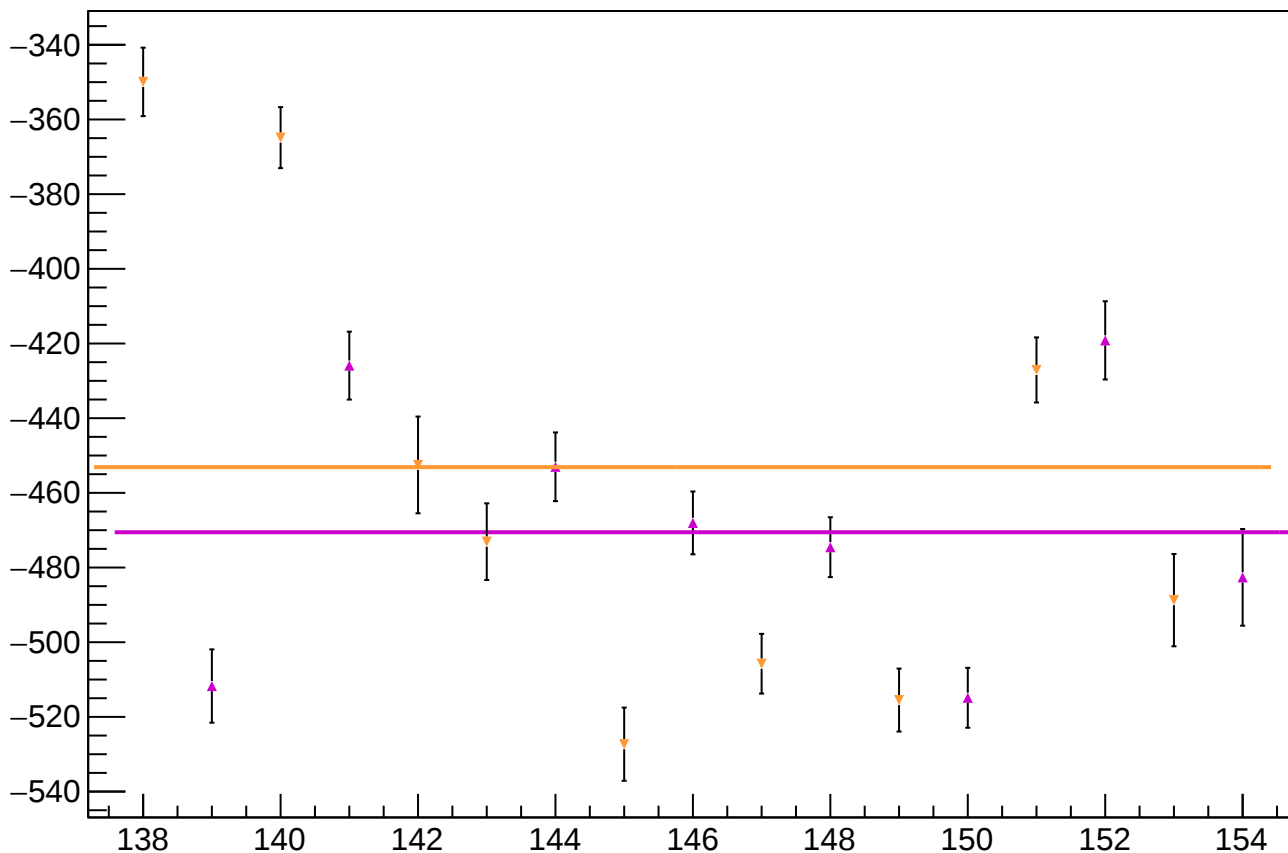
Right Out: -18.490+/-0.057 χ^2/NDF : 80549.5/19

Left In: -23.595+/-0.043 χ^2/NDF : 70333.1/7

-25.303+/-0.036 χ^2/NDF : 152311.9/25

-21.756+/-0.034 χ^2/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: -453.113+/-3.129 χ^2/NDF : 419.6/8

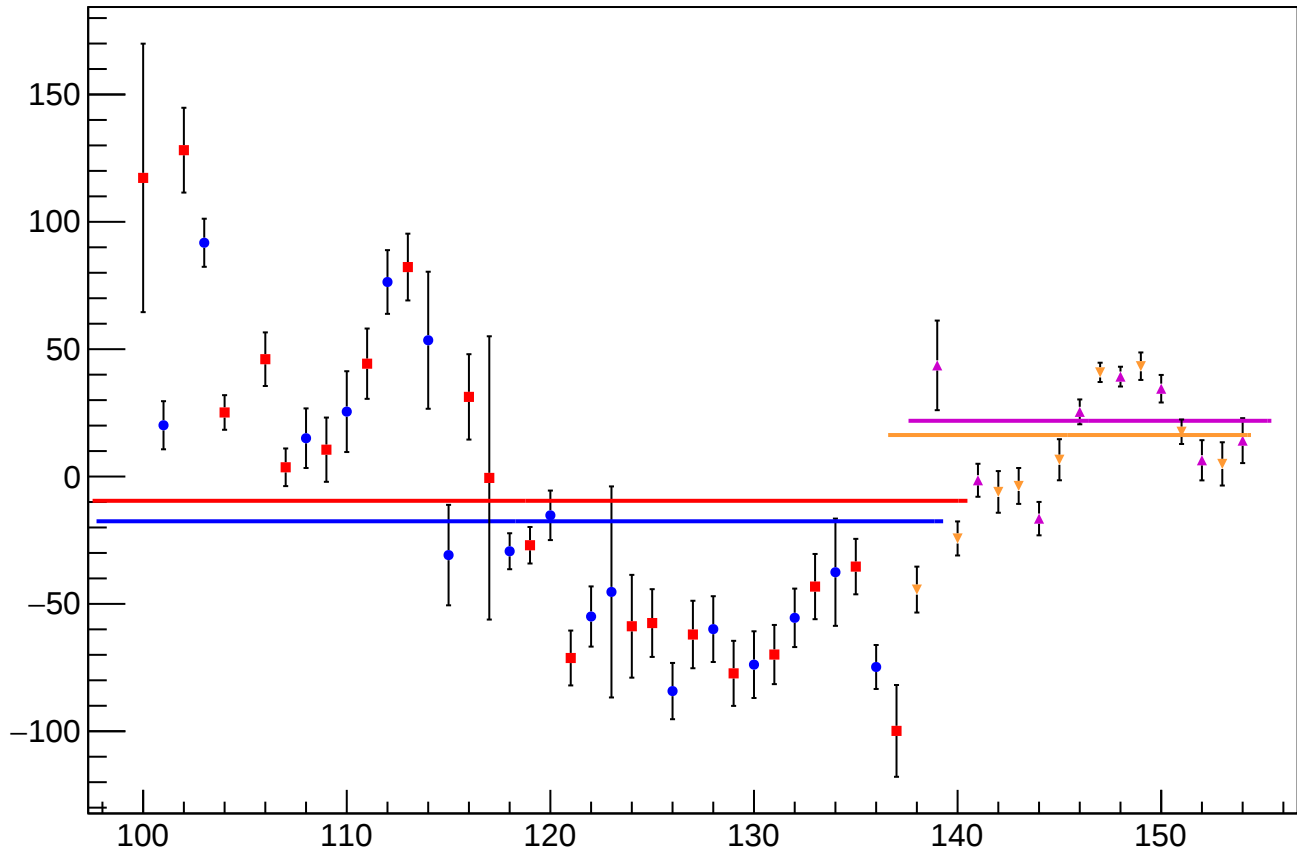
-453.113+/-3.129 χ^2/NDF : 419.6/8

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 χ^2/NDF : 363.7/16

Left Out: 16.299 ± 2.015 χ^2/NDF : 168.3/8

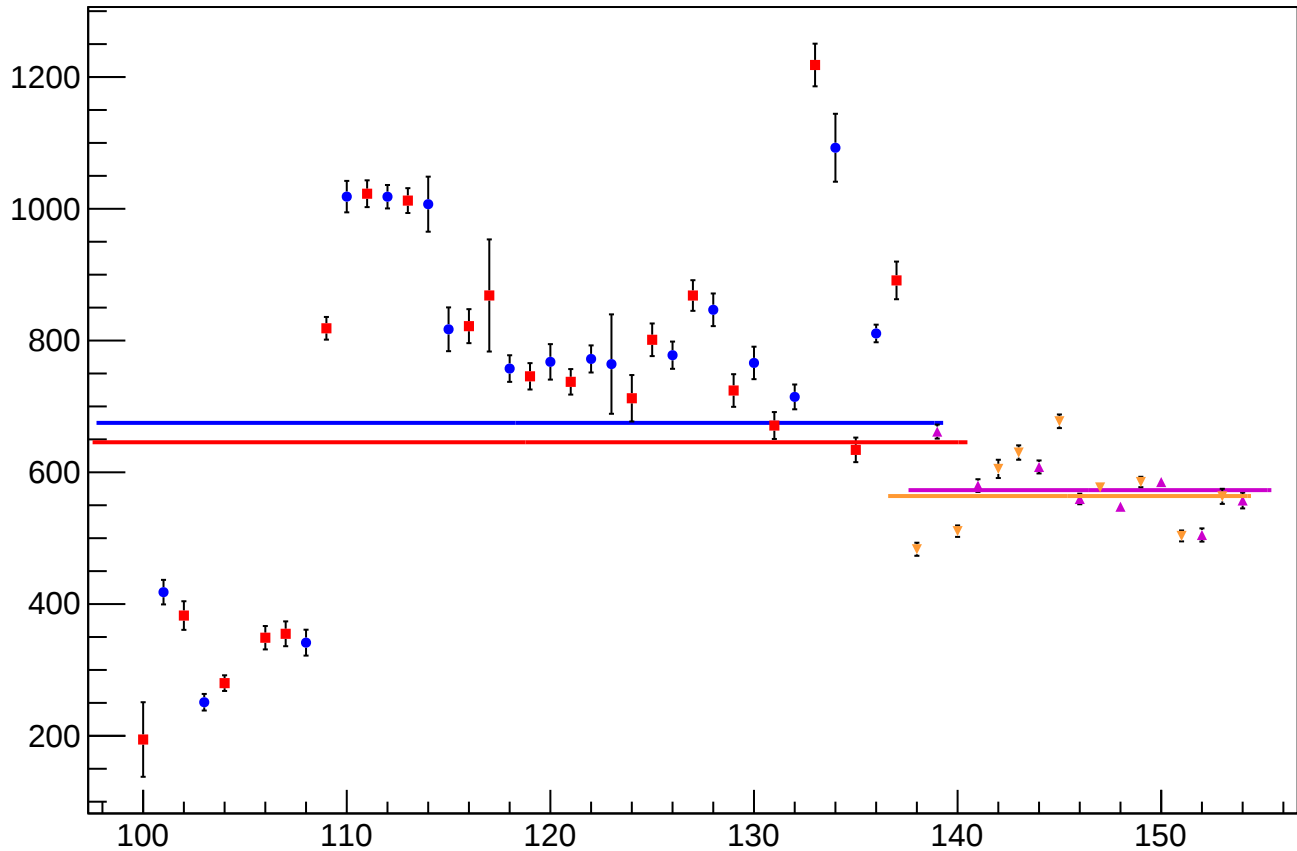
Right Out: -9.527 ± 2.606 χ^2/NDF : 370.3/19

Left In: 21.885 ± 2.124 χ^2/NDF : 79.3/7

4.852 ± 1.640 χ^2/NDF : 627.4/25

9.348 ± 1.646 χ^2/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: 563.976 $\pm$ 3.126 χ^2 /NDF:332.6/8

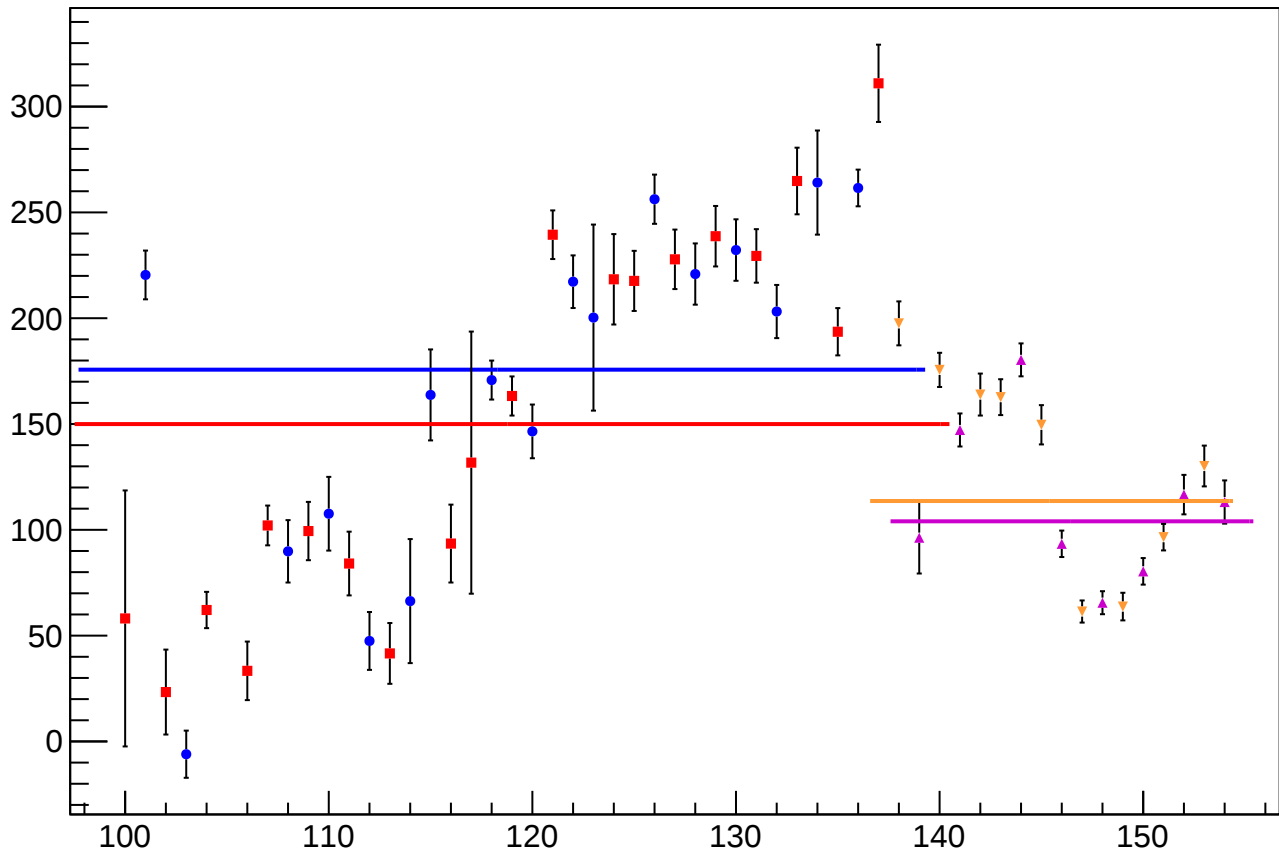
Right Out: 645.613 $\pm$ 4.754 χ^2 /NDF: 3129.0/19

Left In: 572.947 $\pm$ 3.200 χ^2 /NDF:147.4/7

594.591 $\pm$ 2.660 χ^2 /NDF: 3265.0/25

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: 113.613 ± 2.526 χ^2/NDF : 367.3/8

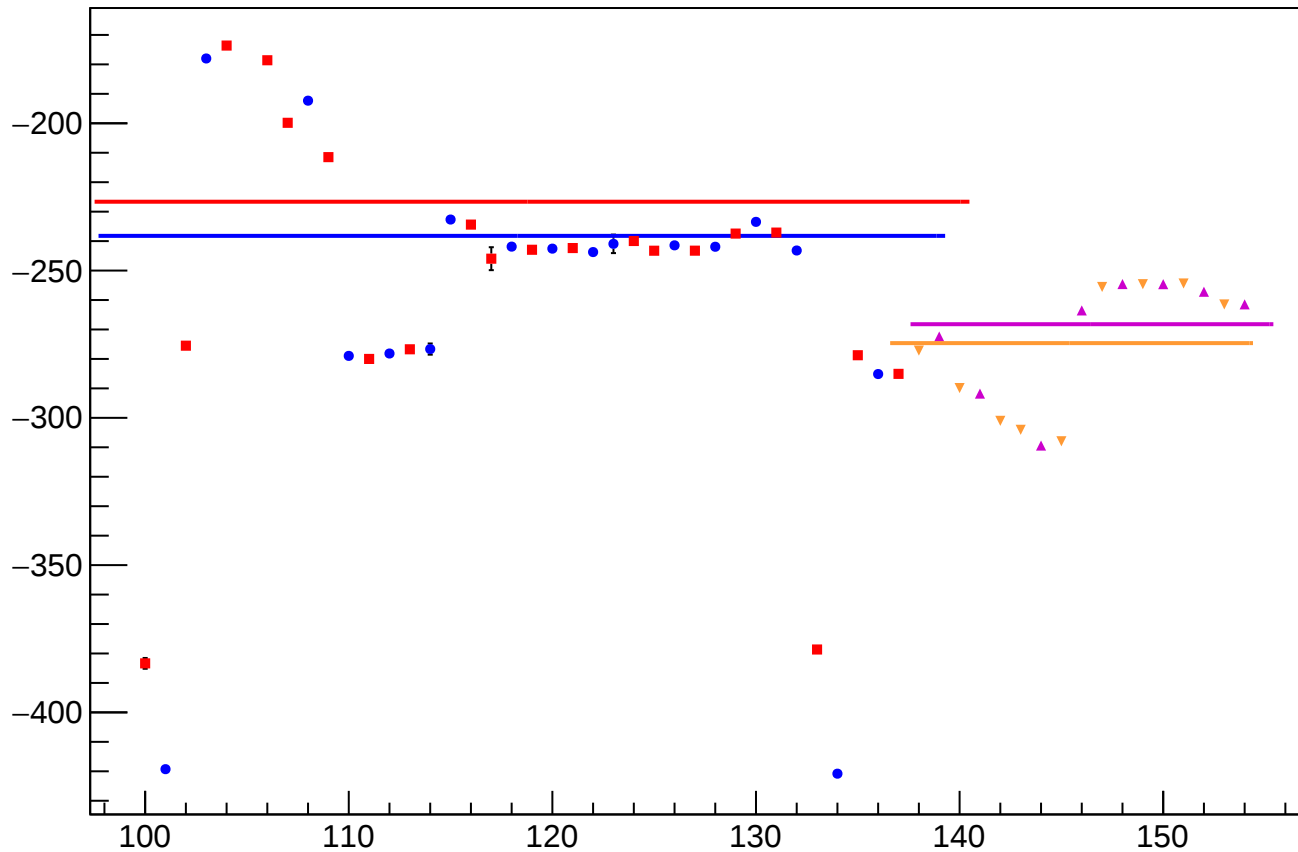
Right Out: 149.973 ± 3.038 χ^2/NDF : 693.8/19

Left In: 104.020 ± 2.650 χ^2/NDF : 196.8/7

137.097 ± 1.992 χ^2/NDF : 1233.5/25

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: -274.631+/-0.131 χ^2/NDF : 25557.5/8

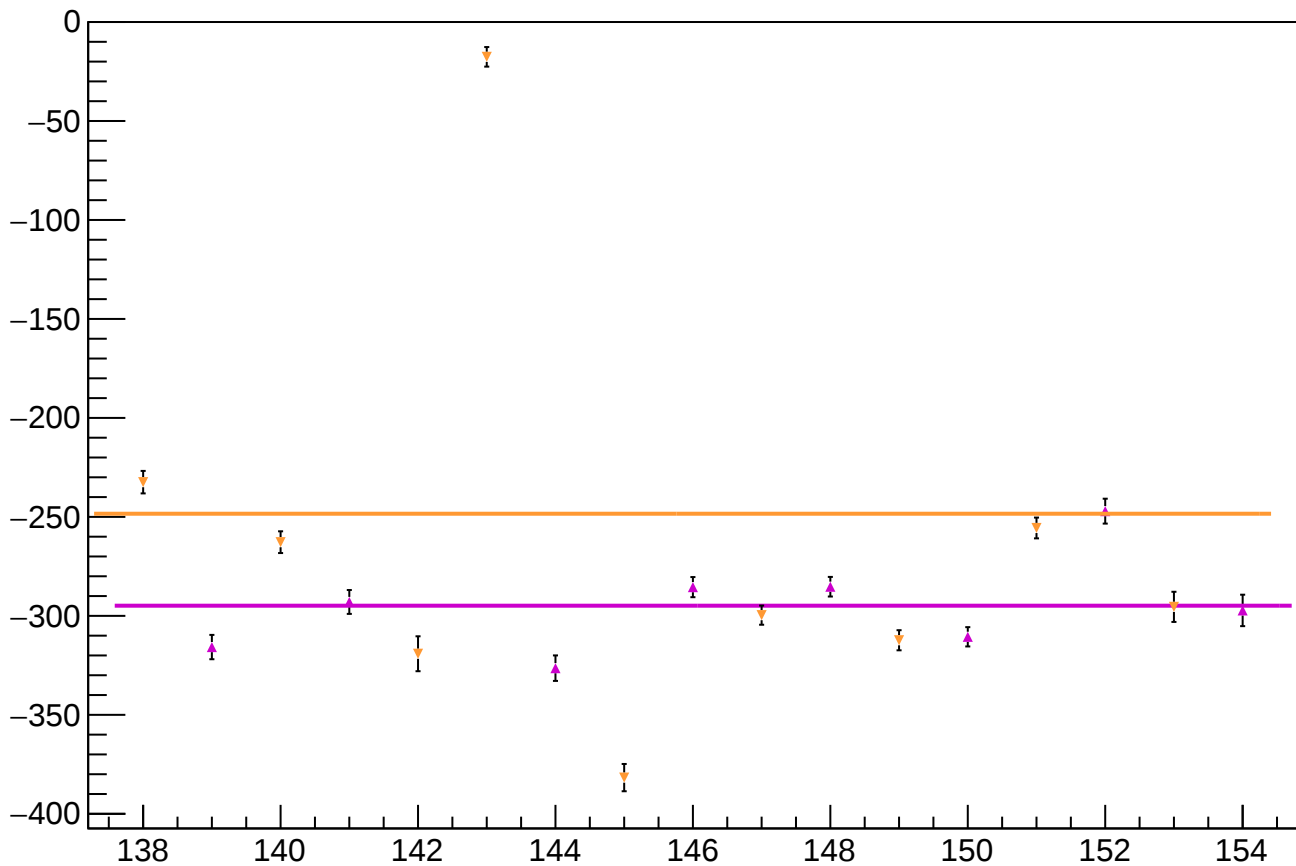
Right Out: -226.626+/-0.151 χ^2/NDF : 102587.0/19

Left In: -268.210+/-0.132 χ^2/NDF : 17700.8/7

-260.012+/-0.102 χ^2/NDF : 223503.2/25

-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: -248.404+/-1.911 χ^2/NDF :2941.0/8

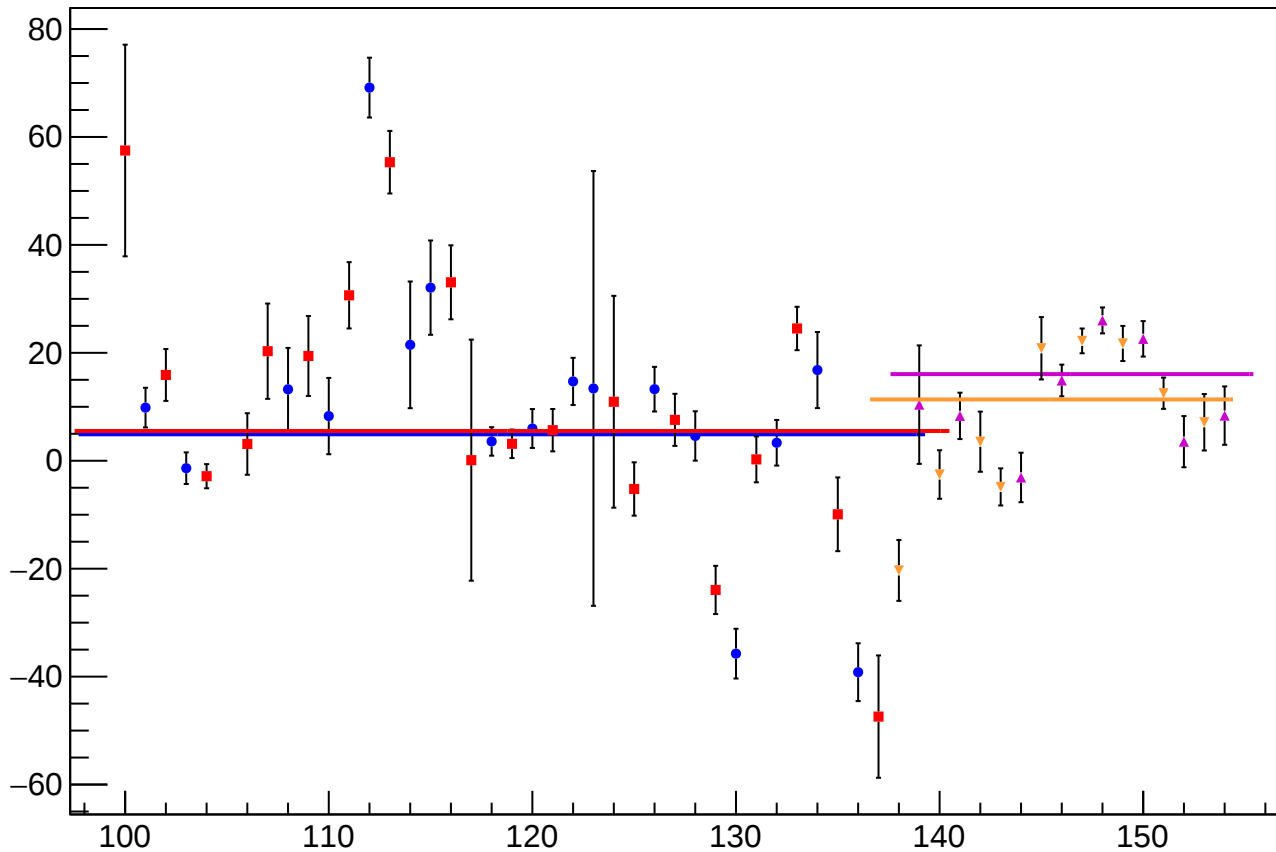
-248.404+/-1.911 χ^2/NDF : 2941.0/8

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: 11.362 ± 1.224 χ^2/NDF : 101.3/8

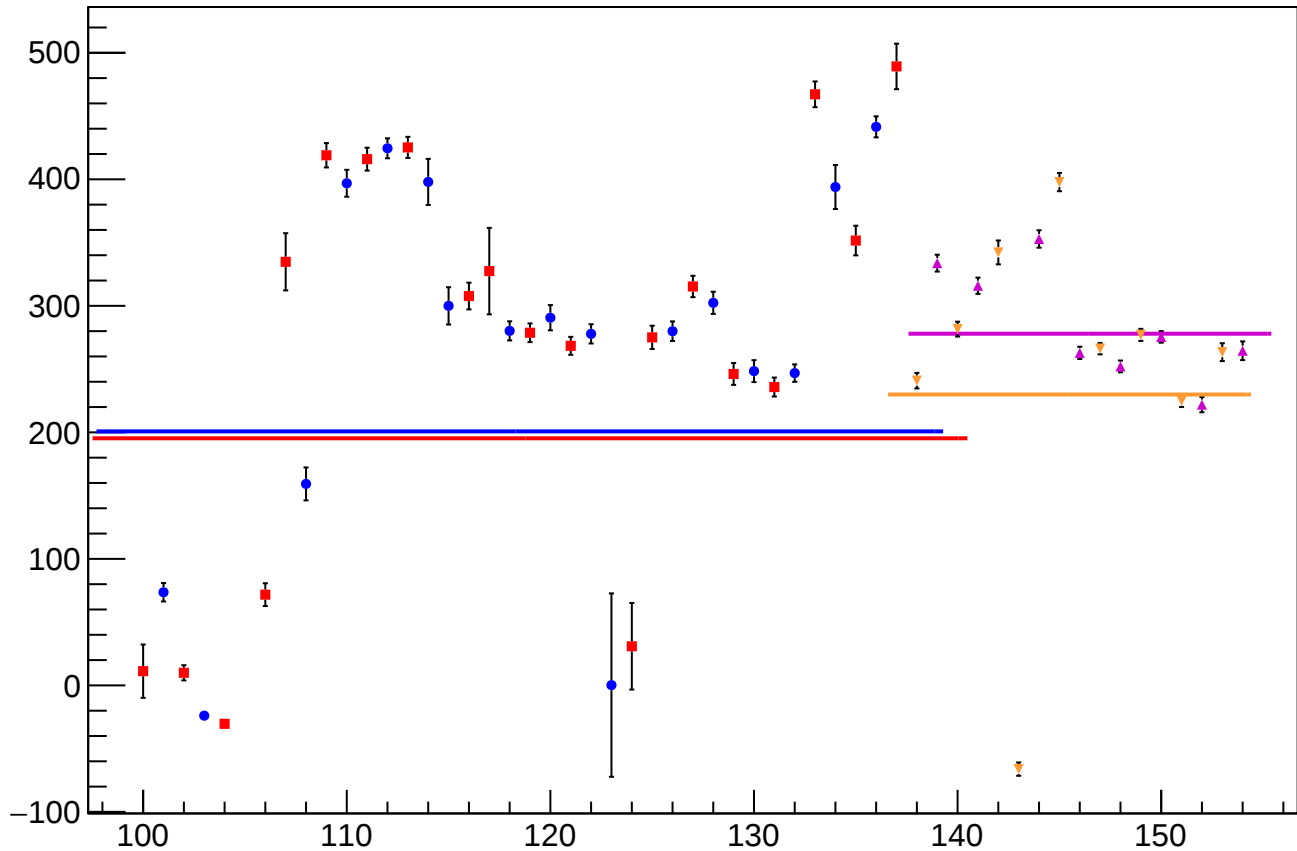
Right Out: 5.517 ± 1.067 χ^2/NDF : 239.0/19

Left In: 16.053 ± 1.323 χ^2/NDF : 51.3/7

7.806 ± 0.820 χ^2/NDF : 428.3/25

9.669 ± 0.831 χ^2/NDF : 328.6/27

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 200.773 $\pm$ 1.983 χ^2/NDF : 6733.0/16

Left Out: 229.930 $\pm$ 1.907 χ^2/NDF : 4093.7/8

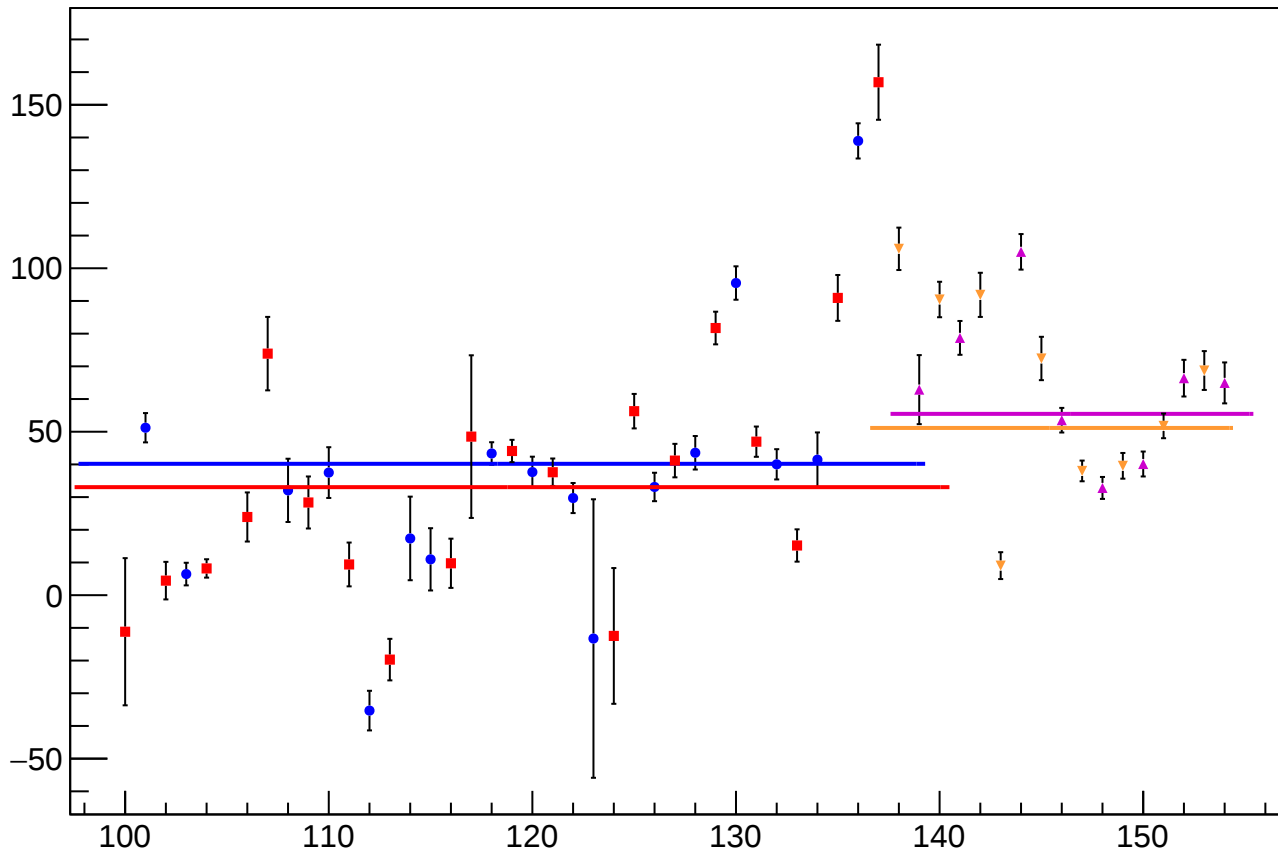
Right Out: 195.311 $\pm$ 1.921 χ^2/NDF : 8262.1/19

Left In: 277.980 $\pm$ 1.997 χ^2/NDF : 354.2/7

215.922 $\pm$ 1.375 χ^2/NDF : 10939.0/25

235.037 $\pm$ 1.384 χ^2/NDF : 9506.4/27

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.185 ± 1.283 $\chi^2/\text{NDF}: 734.6/16$

Left Out: 51.156 ± 1.534 $\chi^2/\text{NDF}: 310.3/8$

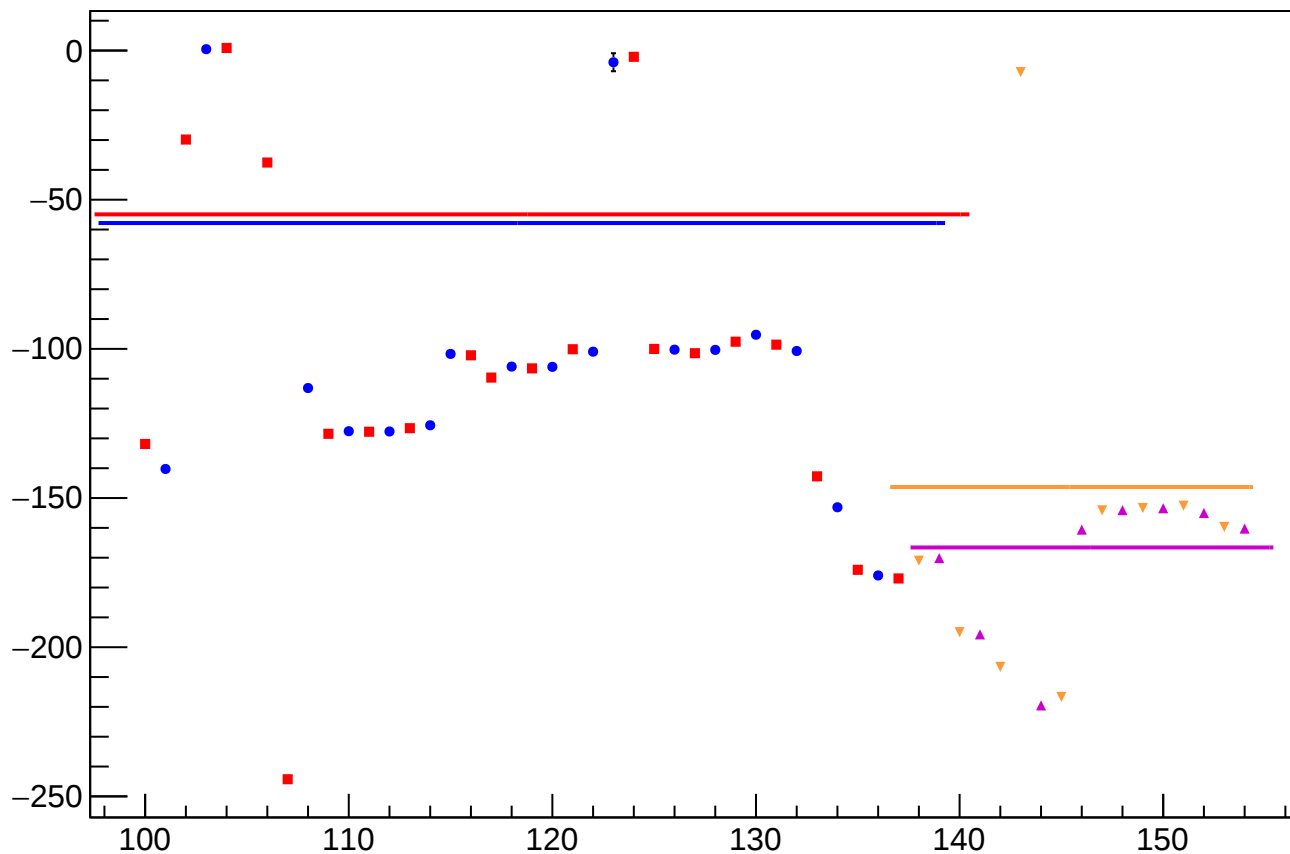
Right Out: 33.045 ± 1.249 $\chi^2/\text{NDF}: 553.1/19$

Left In: 55.462 ± 1.654 $\chi^2/\text{NDF}: 171.7/7$

44.701 ± 0.984 $\chi^2/\text{NDF}: 1074.9/25$

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: -146.311+/-0.080 χ^2/NDF : 572402.2/8

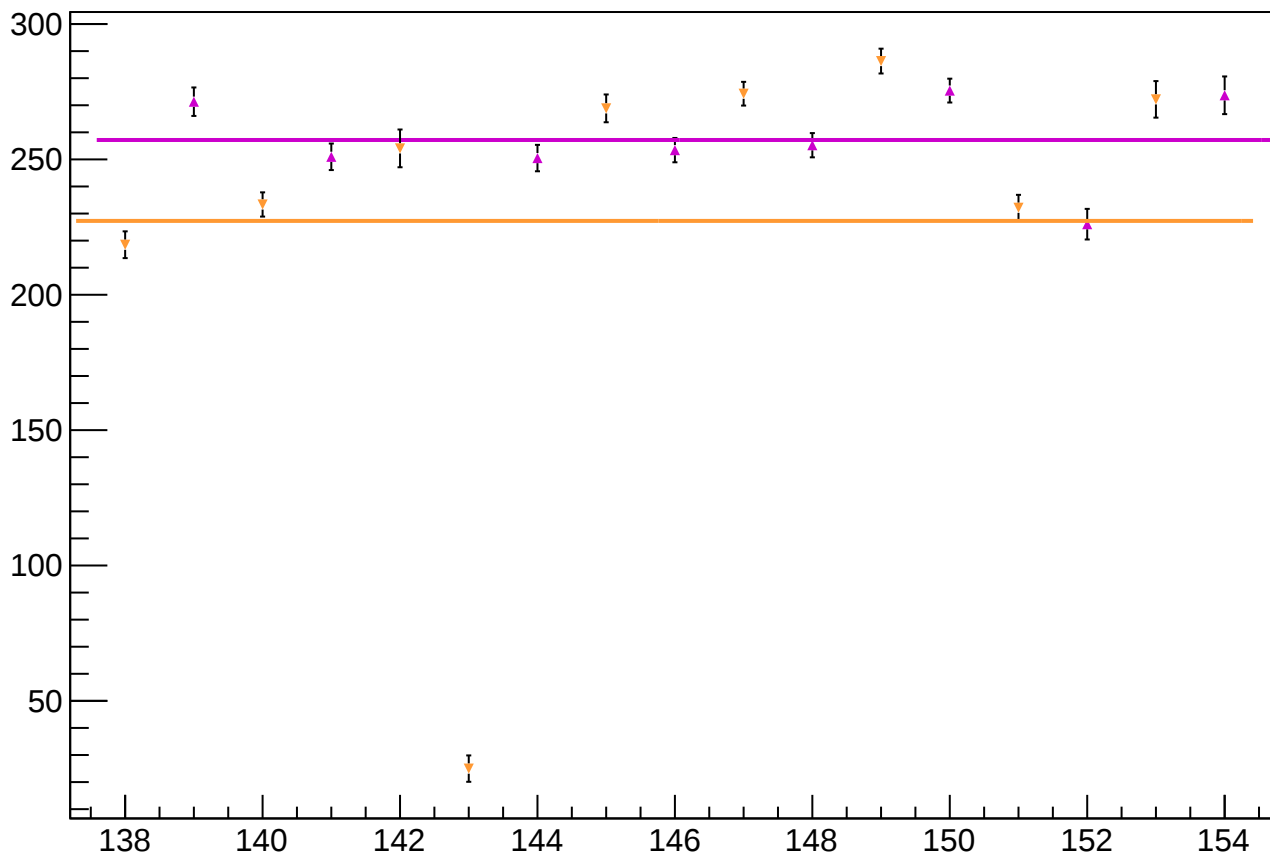
Right Out: -54.915+/-0.060 χ^2/NDF : 1001968.3/19

Left In: -166.569+/-0.082 χ^2/NDF : 55754.8/7

-90.859+/-0.049 χ^2/NDF : 2439465.3/25

-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: 227.283+/-1.673 χ^2/NDF : 2137.2/8

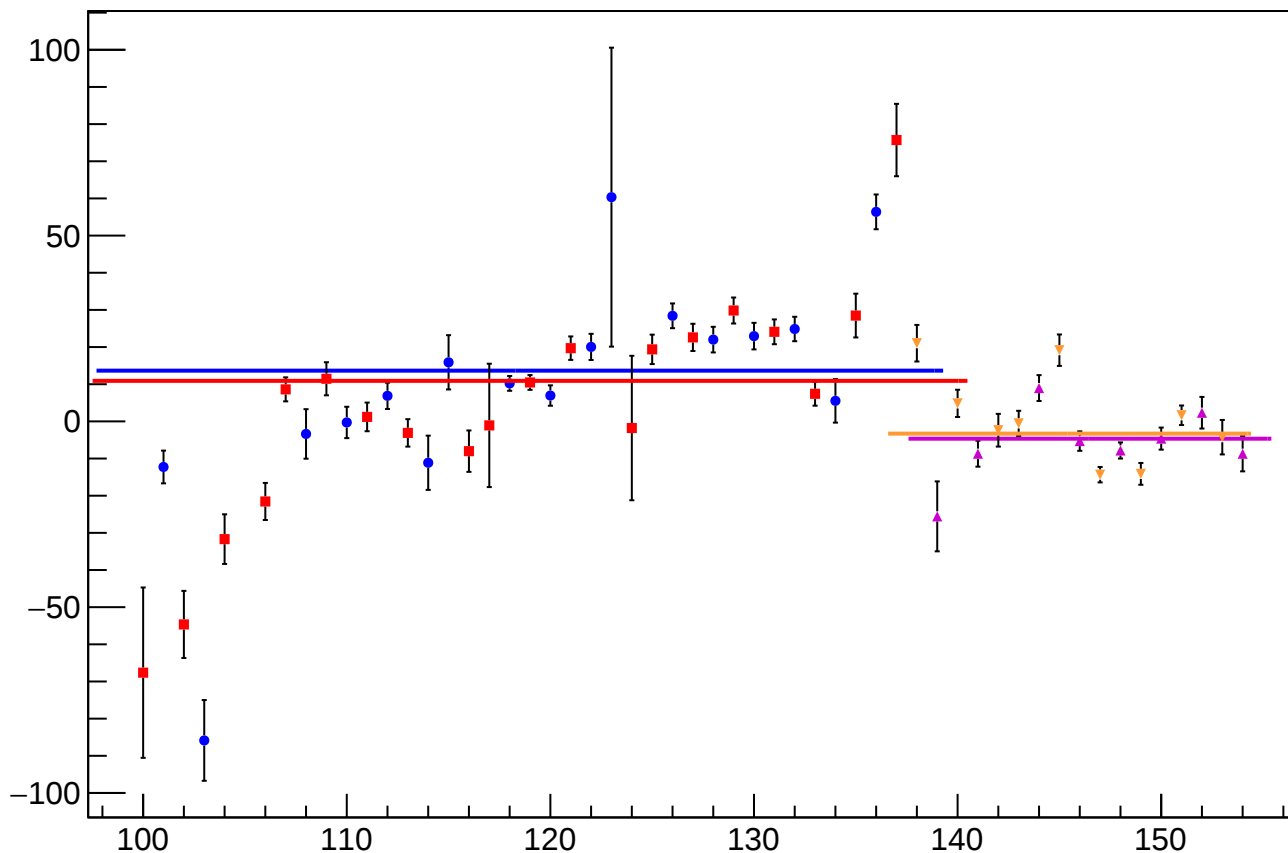
227.283+/-1.673 χ^2/NDF : 2137.2/8

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: -3.292 $\pm$ 1.085 χ^2 /NDF: 103.7/8

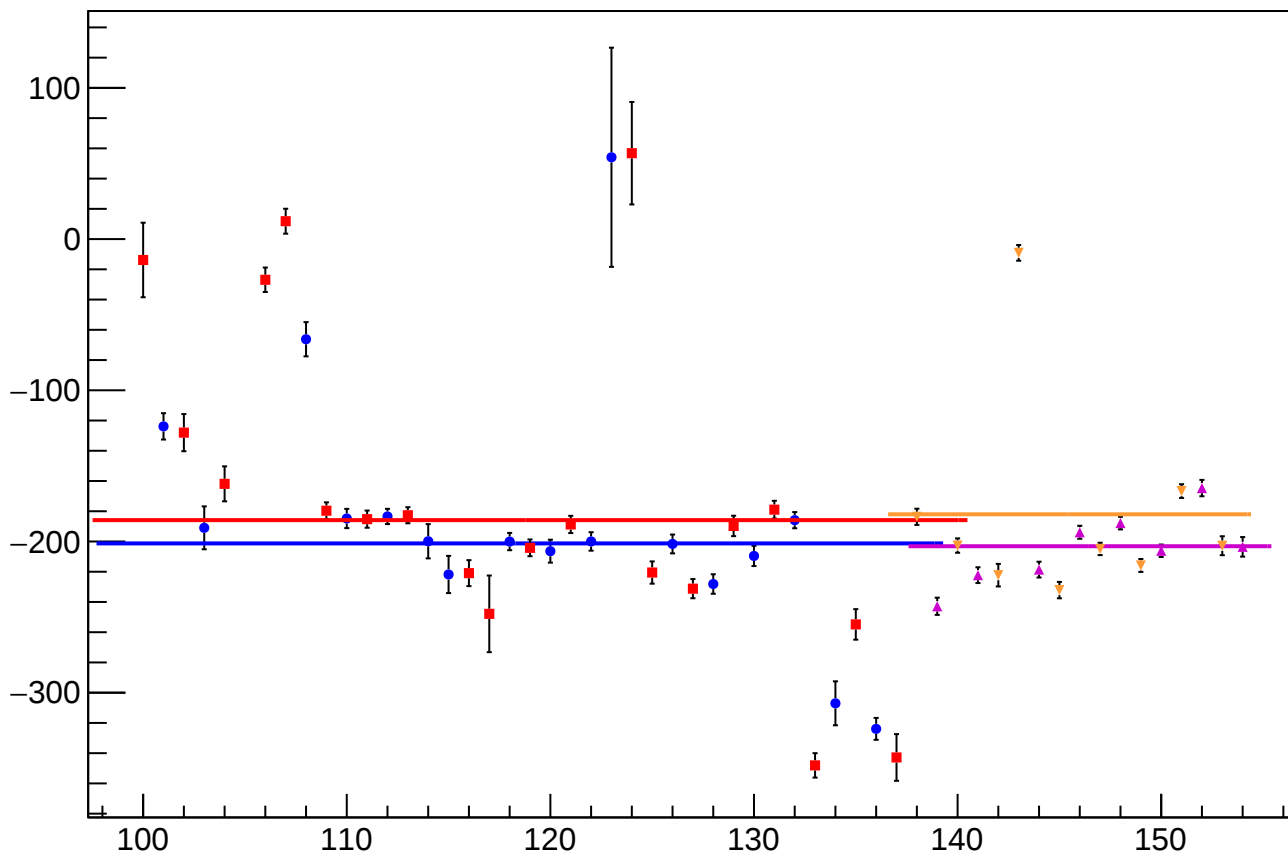
Right Out: 10.908 $\pm$ 0.912 χ^2 /NDF: 303.1/19

Left In: -4.661 $\pm$ 1.157 χ^2 /NDF: 27.2/7

6.423 $\pm$ 0.709 χ^2 /NDF: 537.5/25

4.946 $\pm$ 0.716 χ^2 /NDF: 441.9/27

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.266 $\pm$ 1.795 χ^2/NDF : 623.4/16

Left Out: -182.017 $\pm$ 1.676 χ^2/NDF :1355.7/8

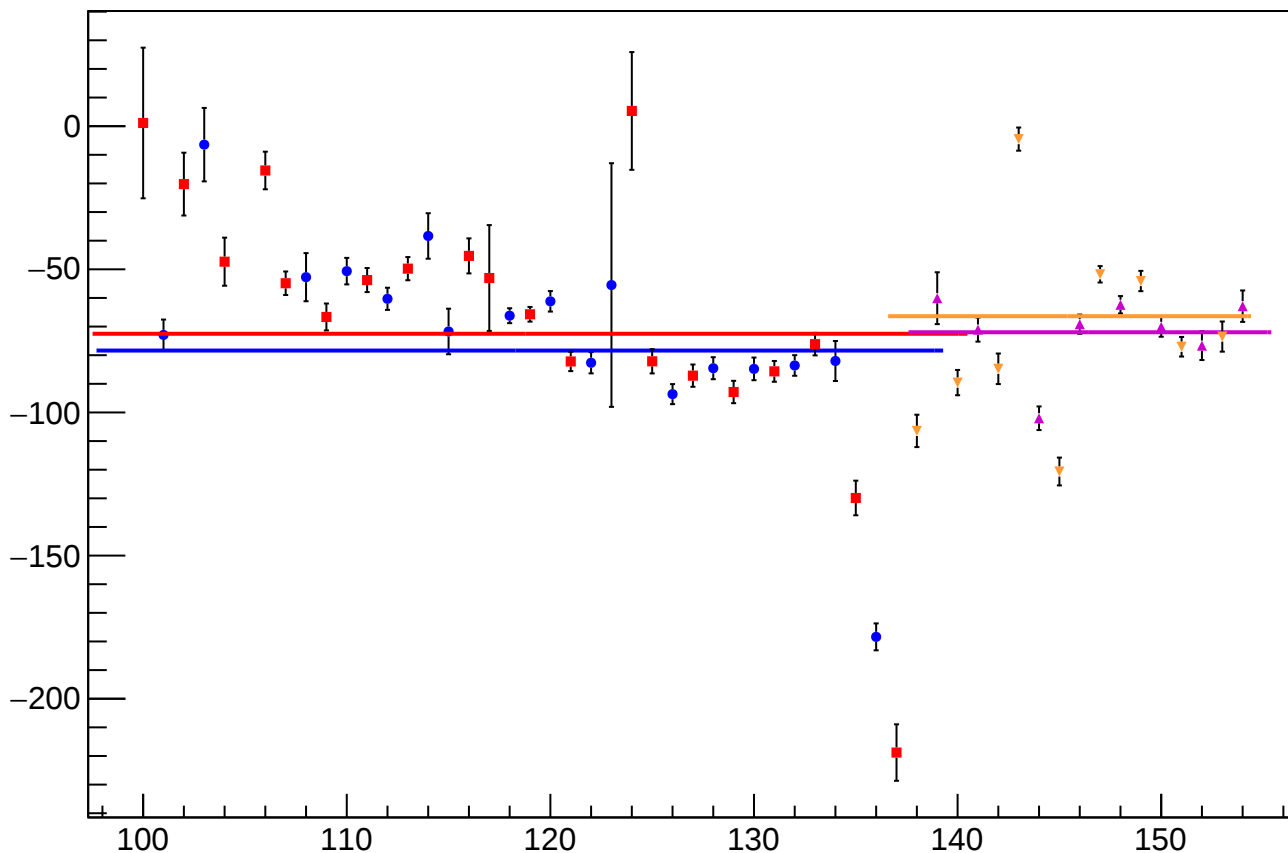
Right Out: -185.871 $\pm$ 1.695 χ^2/NDF : 1752.0/19

Left In: -203.137 $\pm$ 1.735 χ^2/NDF :139.8/7

-190.981 $\pm$ 1.225 χ^2/NDF : 2040.5/25

-194.307 $\pm$ 1.213 χ^2/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: -66.382 ± 1.356 $\chi^2/\text{NDF}: 497.5/8$

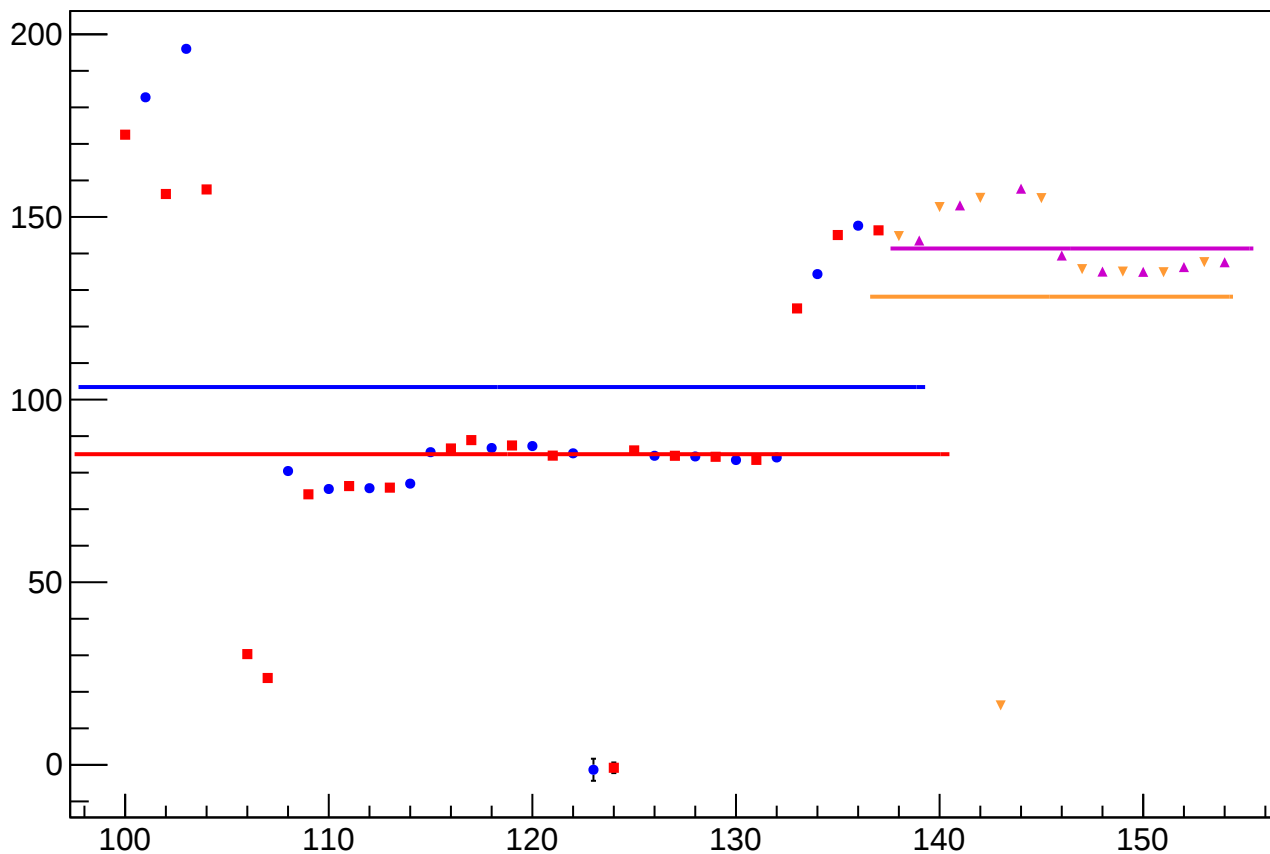
Right Out: -72.514 ± 1.050 $\chi^2/\text{NDF}: 607.0/19$

Left In: -71.984 ± 1.441 $\chi^2/\text{NDF}: 69.3/7$

-73.715 ± 0.846 $\chi^2/\text{NDF}: 1196.7/25$

-72.330 ± 0.849 $\chi^2/\text{NDF}: 676.4/27$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.436 $\pm$ 0.071 χ^2 /NDF: 272785.6/16

Left Out: 128.173 $\pm$ 0.070 χ^2 /NDF:339520.9/8

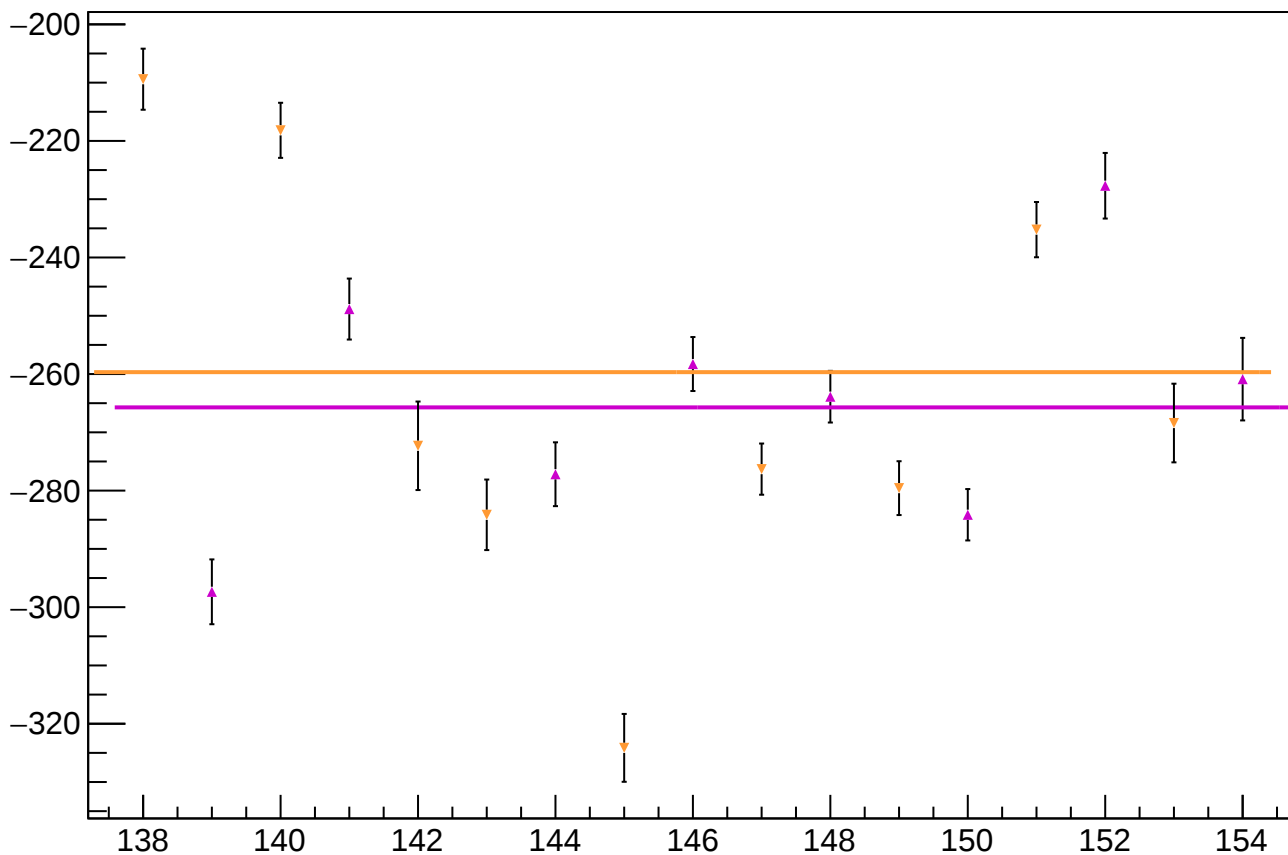
Right Out: 85.054 $\pm$ 0.064 χ^2 /NDF: 422354.0/19

Left In: 141.366 $\pm$ 0.071 χ^2 /NDF:11904.0/7

115.922 $\pm$ 0.050 χ^2 /NDF: 673786.6/25

109.997 $\pm$ 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: -259.674+/-1.766 χ^2/NDF : 372.0/8

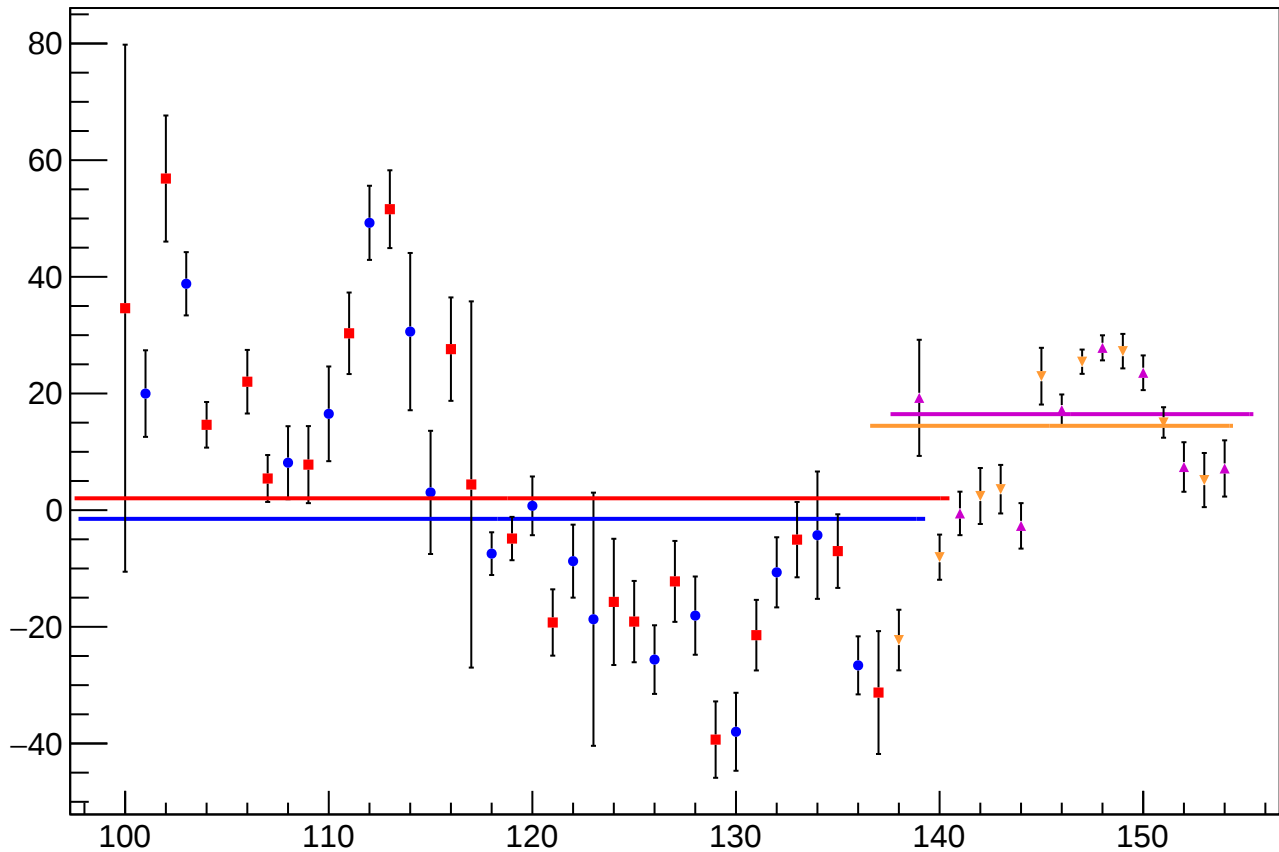
-259.674+/-1.766 χ^2/NDF : 372.0/8

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

-265.720+/-1.818 χ^2/NDF : 113.5/7

Left In: -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 $\chi^2/\text{NDF}: 226.0/16$

Left Out: 14.460 ± 1.129 $\chi^2/\text{NDF}: 150.7/8$

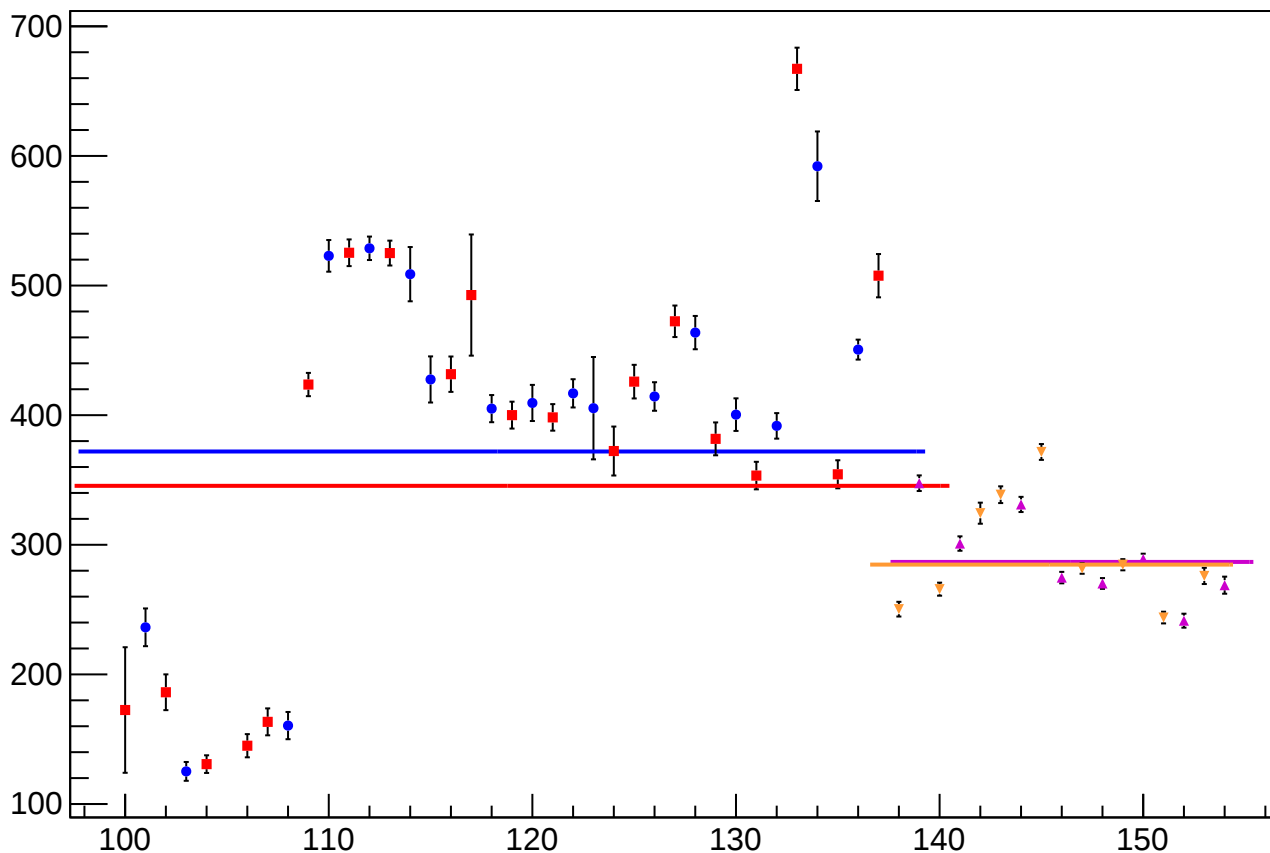
Right Out: 2.032 ± 1.398 $\chi^2/\text{NDF}: 233.3/19$

Left In: 16.460 ± 1.183 $\chi^2/\text{NDF}: 87.0/7$

8.870 ± 0.909 $\chi^2/\text{NDF}: 446.6/25$

10.443 ± 0.903 $\chi^2/\text{NDF}: 382.4/27$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.975 $\pm$ 2.778 χ^2/NDF : 2432.6/16

Left Out: 284.718 $\pm$ 1.757 χ^2/NDF : 431.0/8

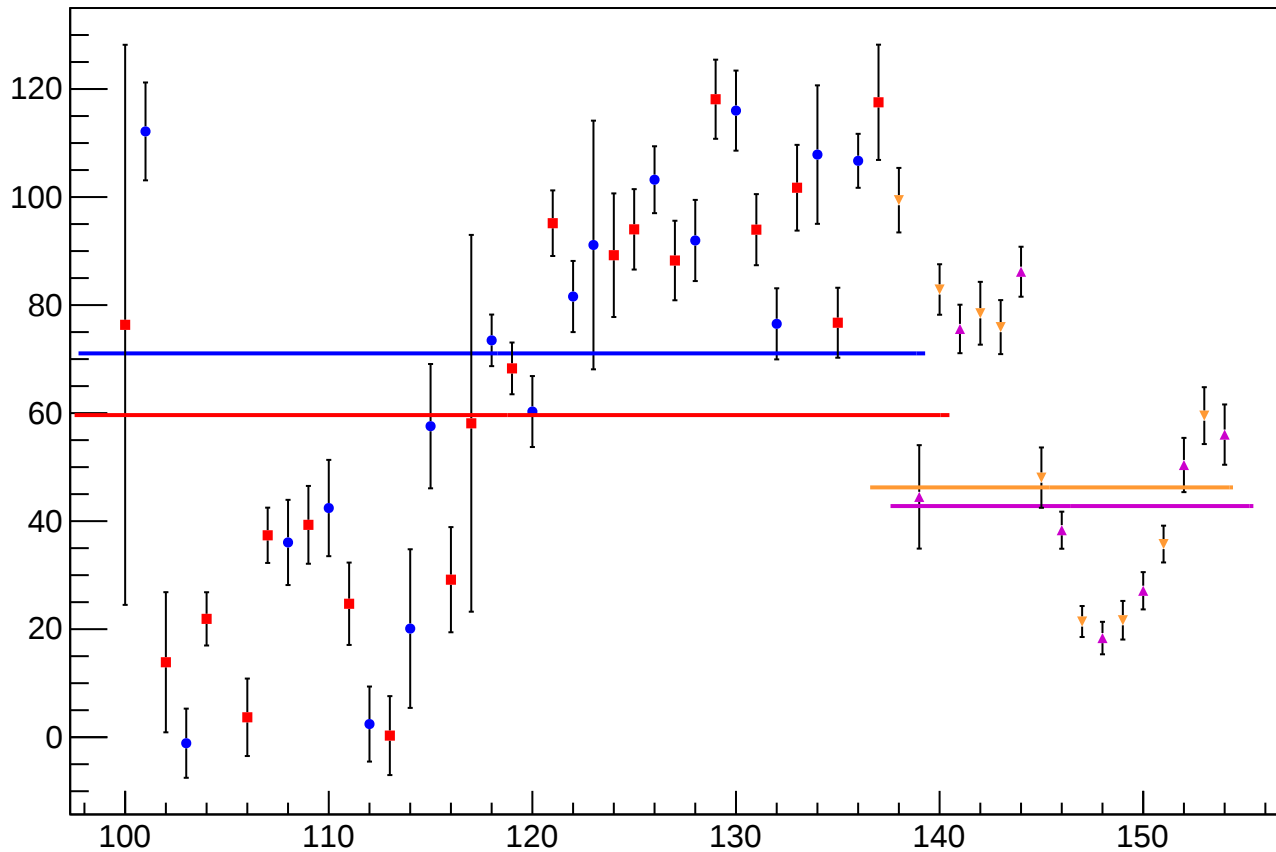
Right Out: 345.485 $\pm$ 2.558 χ^2/NDF : 3425.1/19

Left In: 286.776 $\pm$ 1.784 χ^2/NDF : 267.2/7

309.649 $\pm$ 1.485 χ^2/NDF : 3568.4/25

305.978 $\pm$ 1.463 χ^2/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: 46.248 $\pm$ 1.418 χ^2 /NDF: 344.8/8

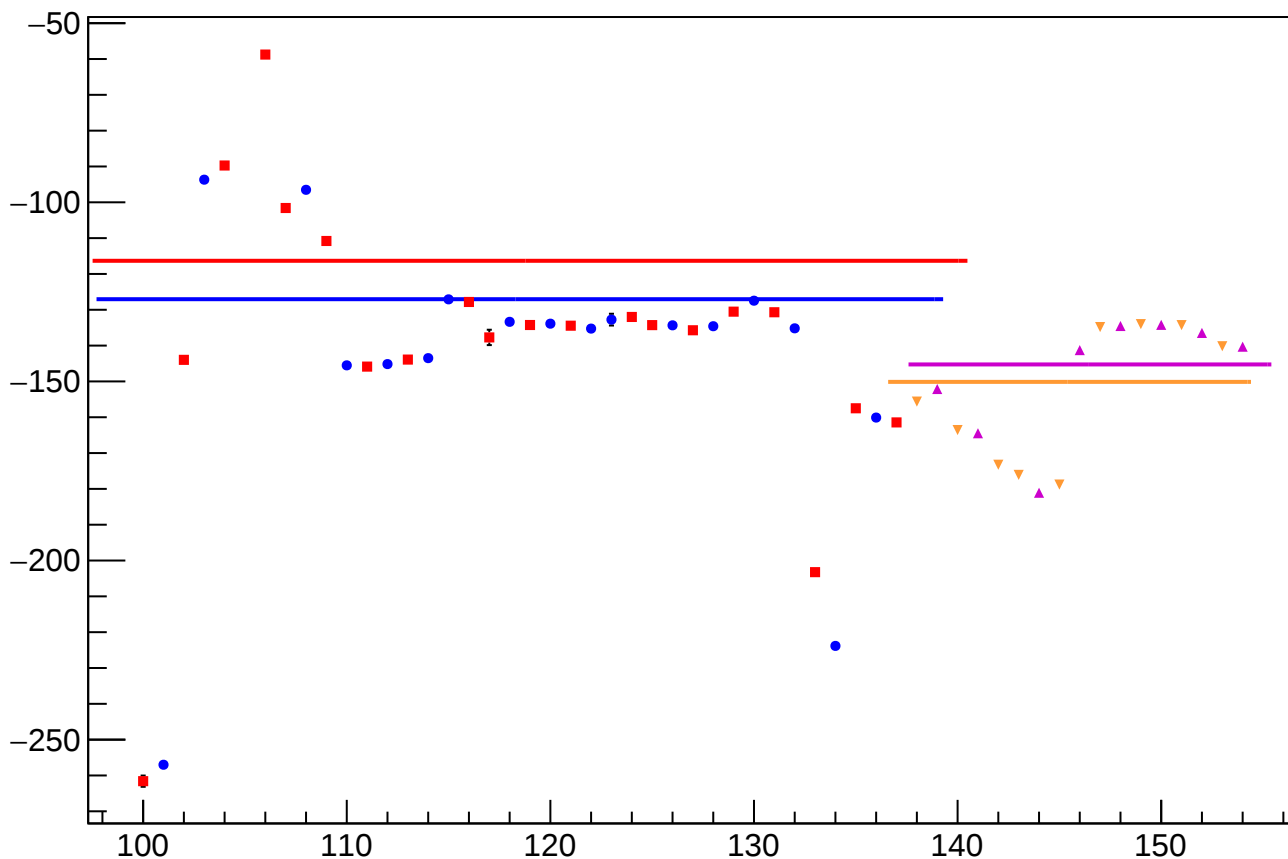
Right Out: 59.634 $\pm$ 1.629 χ^2 /NDF: 491.6/19

Left In: 42.792 $\pm$ 1.477 χ^2 /NDF: 237.7/7

55.985 $\pm$ 1.105 χ^2 /NDF: 891.2/25

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: -150.127+/-0.074 χ^2/NDF : 55629.6/8

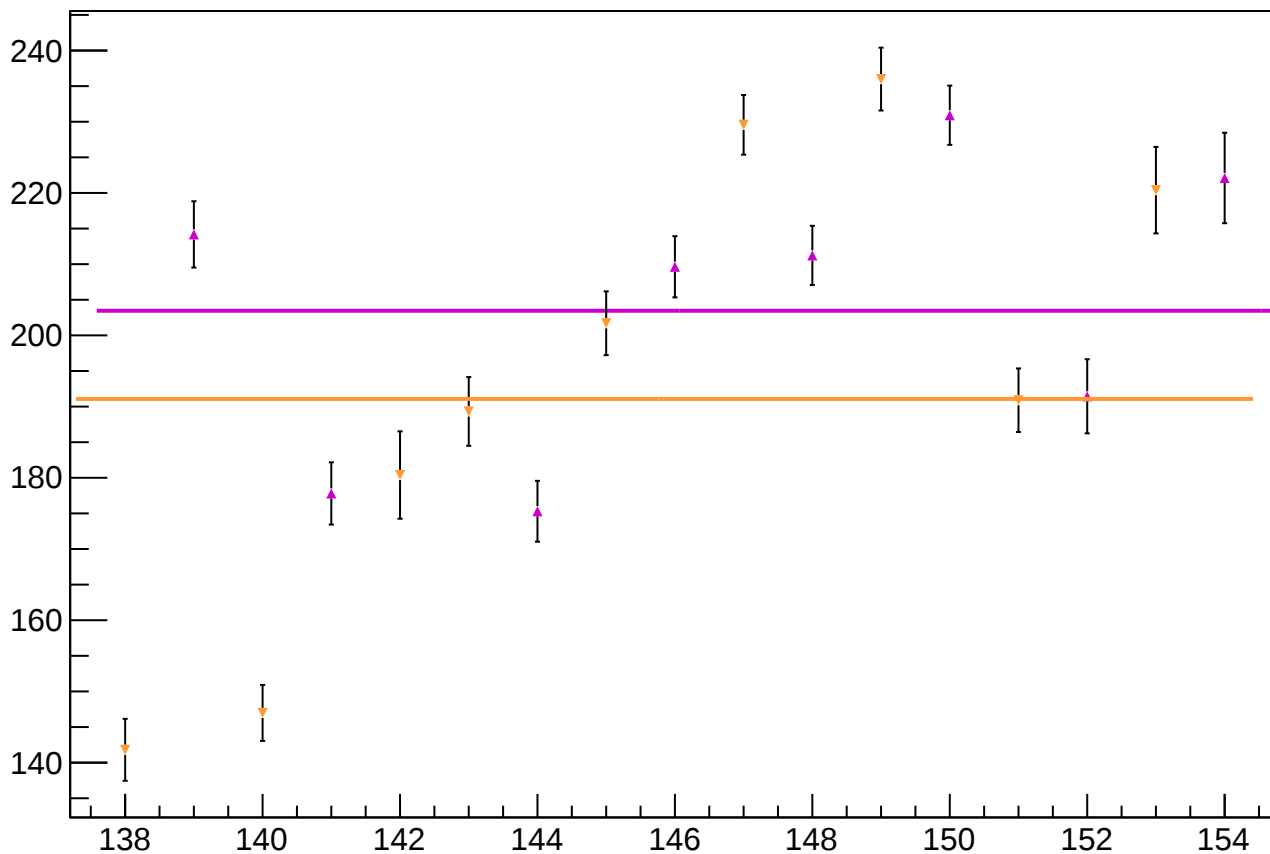
Right Out: -116.327+/-0.083 χ^2/NDF : 167208.7/19

Left In: -145.261+/-0.073 χ^2/NDF : 38001.0/7

-140.797+/-0.057 χ^2/NDF : 262011.0/25

-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: 191.077+/-1.538 χ^2/NDF : 474.2/8

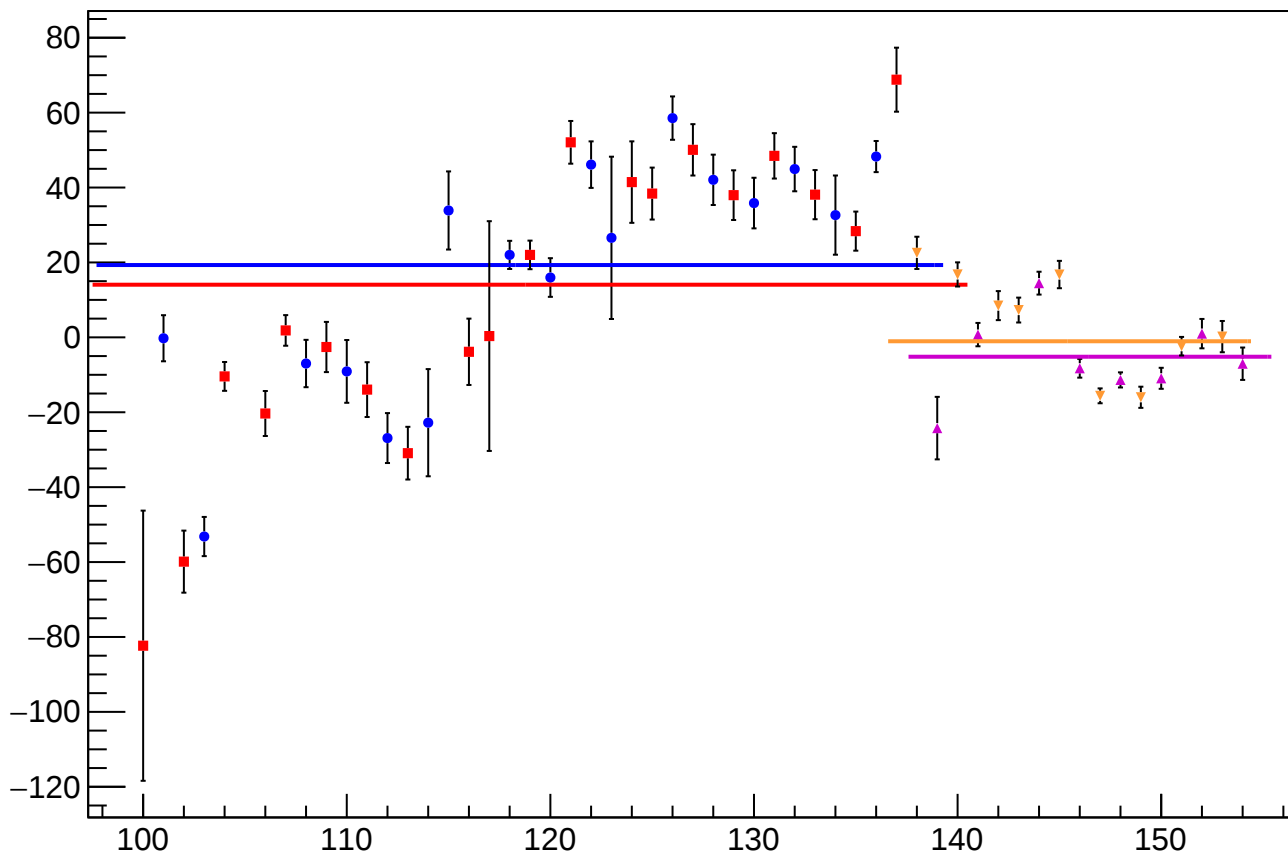
191.077+/-1.538 χ^2/NDF : 474.2/8

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

203.459+/-1.612 χ^2/NDF : 146.3/7

Left In: 203.459+/-1.612 χ^2/NDF : 146.3/7

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.308 $\pm$ 1.500 χ^2 /NDF: 441.3/16

Left Out: -1.046 $\pm$ 1.009 χ^2 /NDF:179.1/8

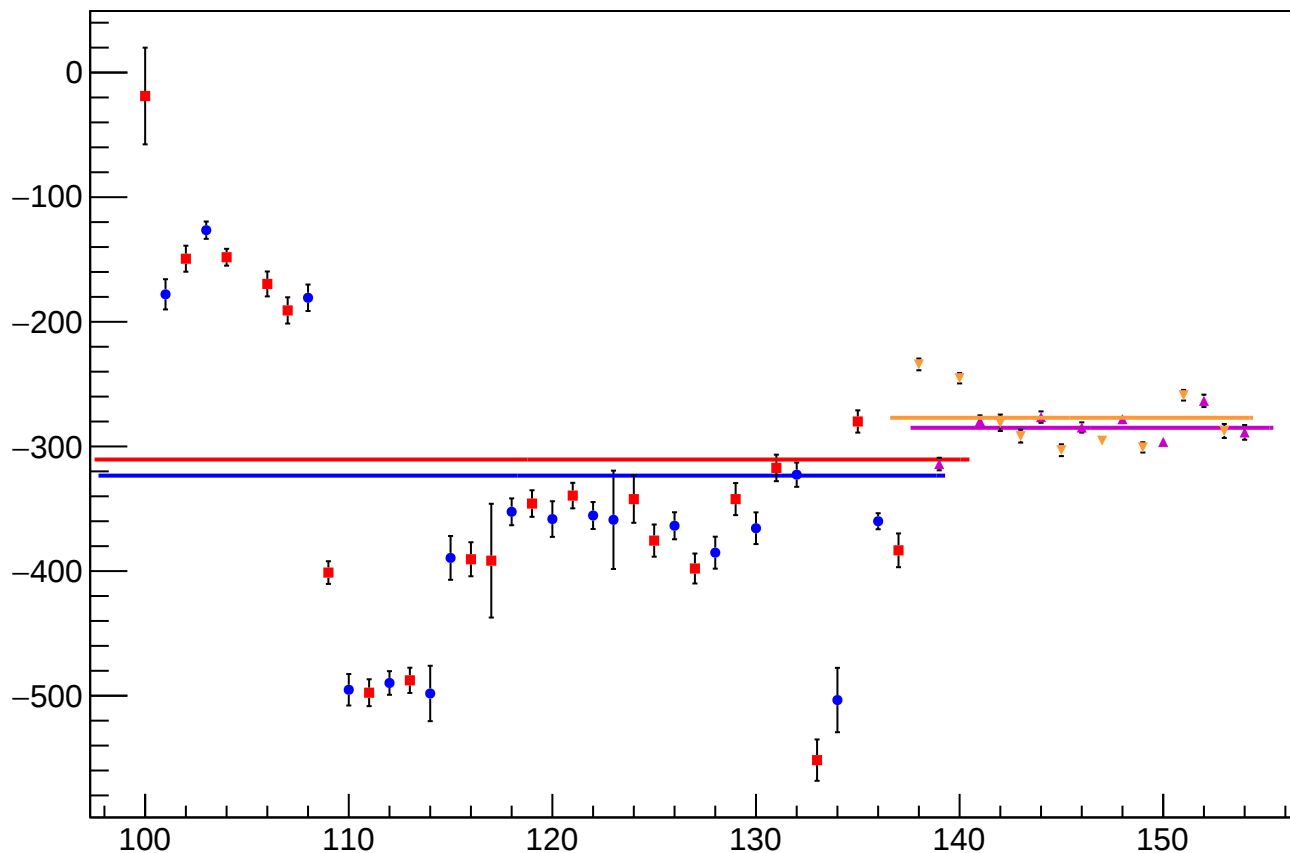
Right Out: 14.055 $\pm$ 1.388 χ^2 /NDF: 437.1/19

Left In: -5.175 $\pm$ 1.069 χ^2 /NDF:68.1/7

5.294 $\pm$ 0.837 χ^2 /NDF: 747.1/25

1.980 $\pm$ 0.847 χ^2 /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: -276.992 ± 1.547 $\chi^2/\text{NDF}: 255.5/8$

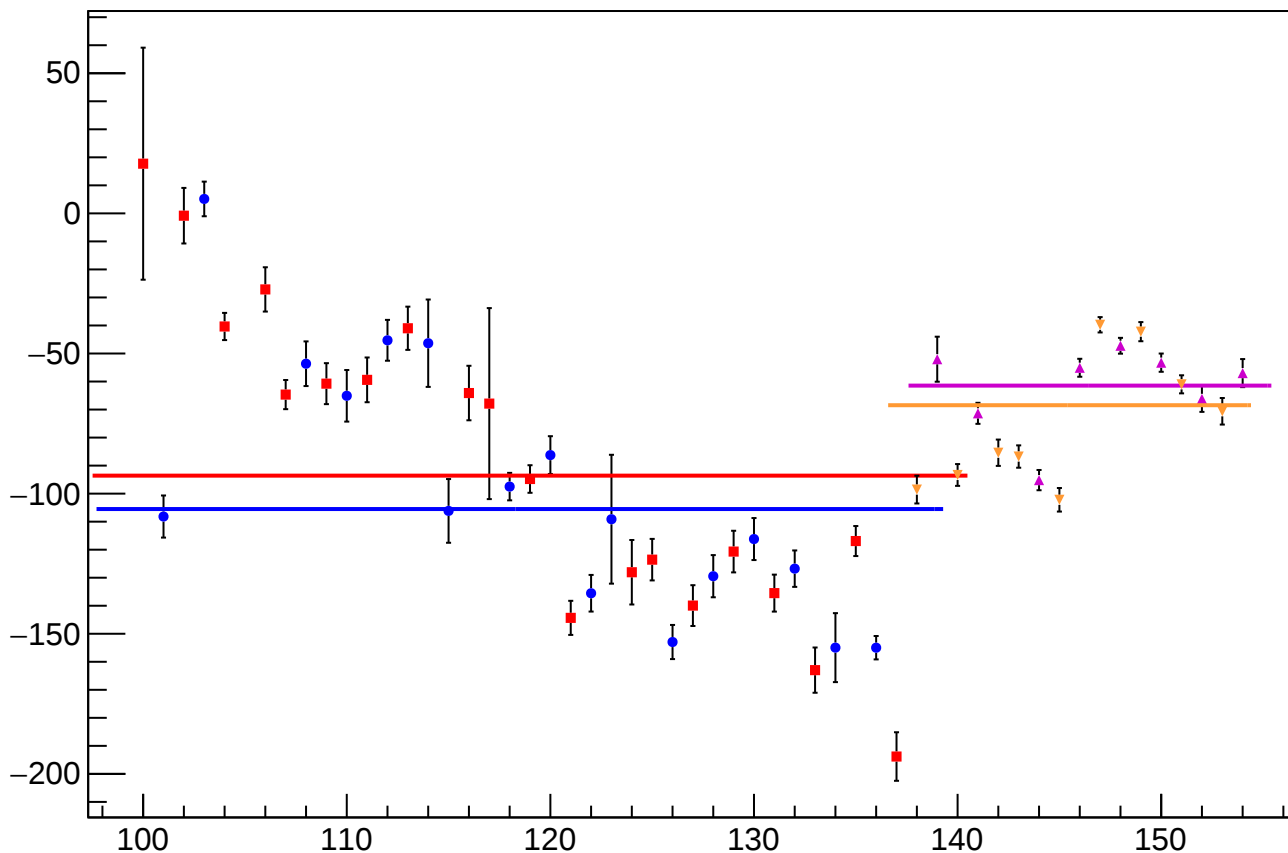
Right Out: -310.484 ± 2.520 $\chi^2/\text{NDF}: 2302.0/19$

Left In: -285.026 ± 1.594 $\chi^2/\text{NDF}: 68.9/7$

-288.560 ± 1.340 $\chi^2/\text{NDF}: 2329.6/25$

-292.302 ± 1.347 $\chi^2/\text{NDF}: 2443.8/27$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.496 $\pm$ 1.712 χ^2/NDF : 737.3/16

Left Out: -68.451 $\pm$ 1.258 χ^2/NDF : 351.1/8

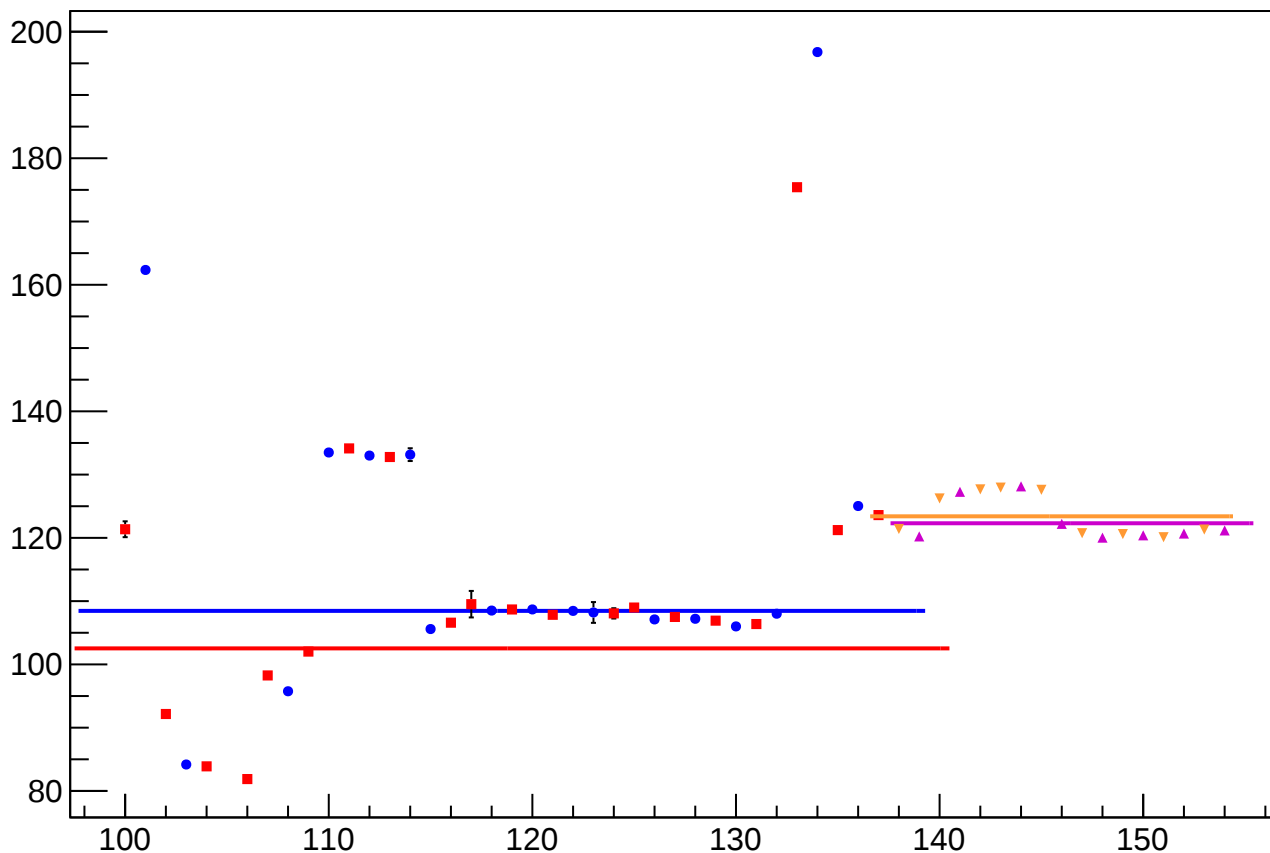
Right Out: -93.579 $\pm$ 1.608 χ^2/NDF : 827.7/19

Left In: -61.455 $\pm$ 1.328 χ^2/NDF : 132.9/7

-81.443 $\pm$ 1.014 χ^2/NDF : 1392.4/25

-74.477 $\pm$ 1.024 χ^2/NDF : 1197.7/27

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.460+/-0.085 χ^2/NDF : 73301.9/16

Left Out: 123.406+/-0.065 χ^2/NDF : 2480.7/8

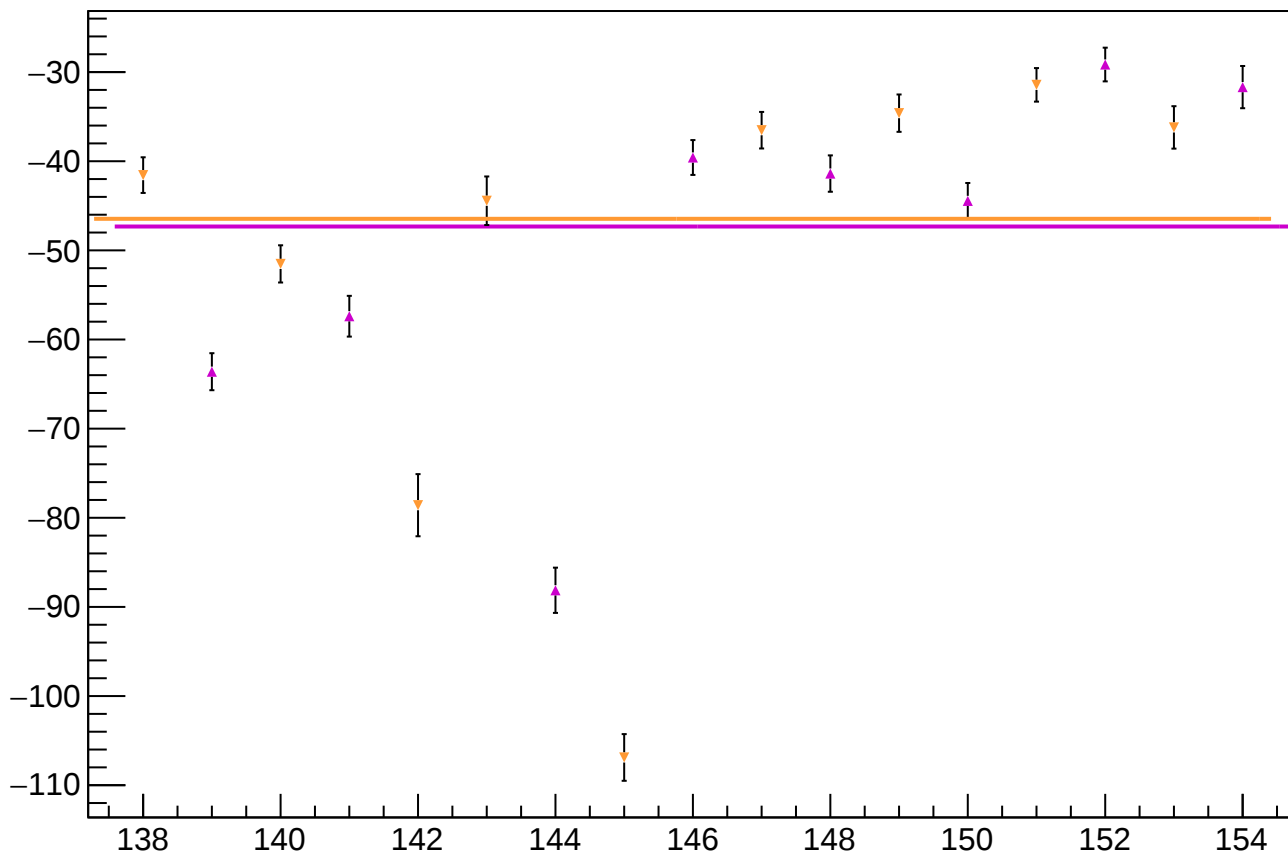
Right Out: 102.532+/-0.079 χ^2/NDF : 53003.2/19

Left In: 122.308+/-0.065 χ^2/NDF : 2107.0/7

117.929+/-0.051 χ^2/NDF : 95370.4/25

114.325+/-0.051 χ^2/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: -46.460+/-0.752 χ^2/NDF : 767.5/8

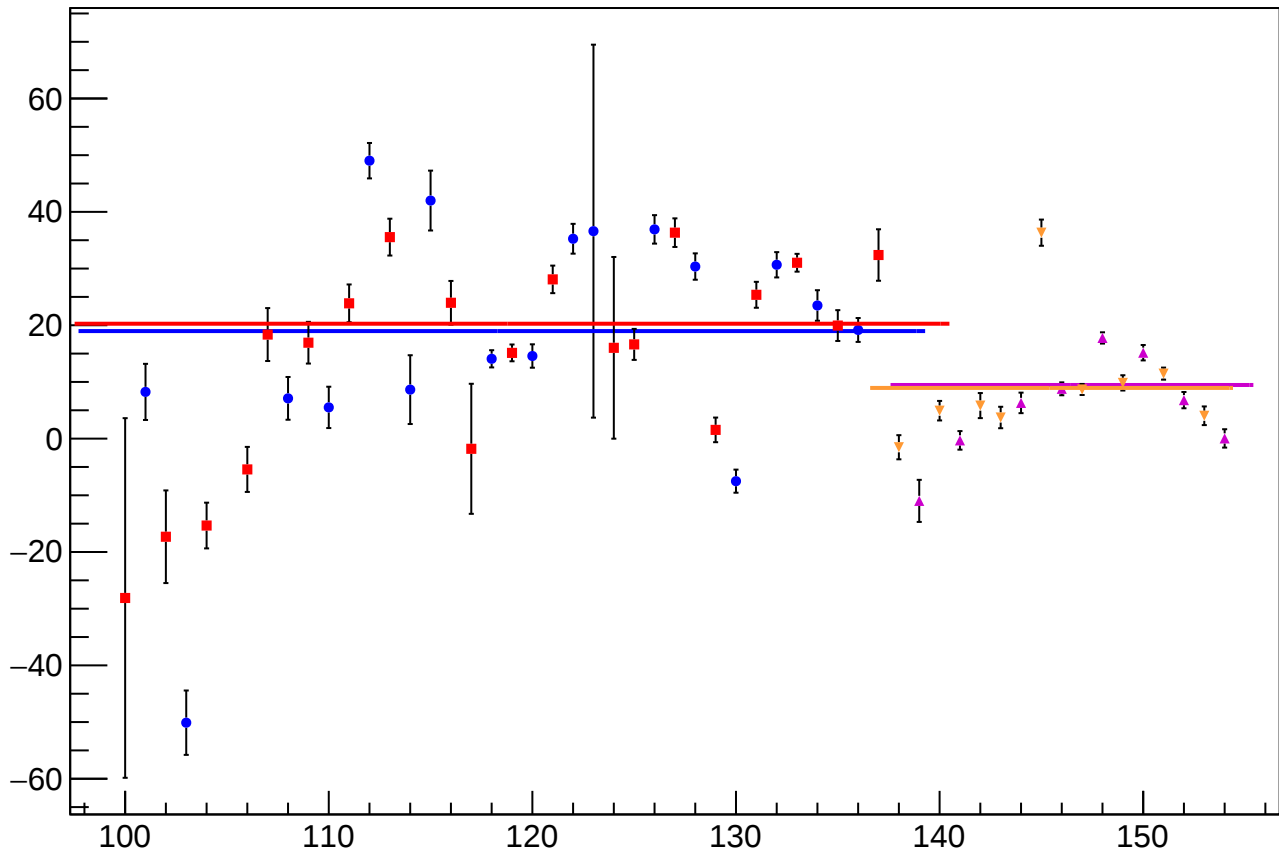
-46.460+/-0.752 χ^2/NDF : 767.5/8

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: 8.942 $\pm$ 0.495 χ^2 /NDF: 194.7/8

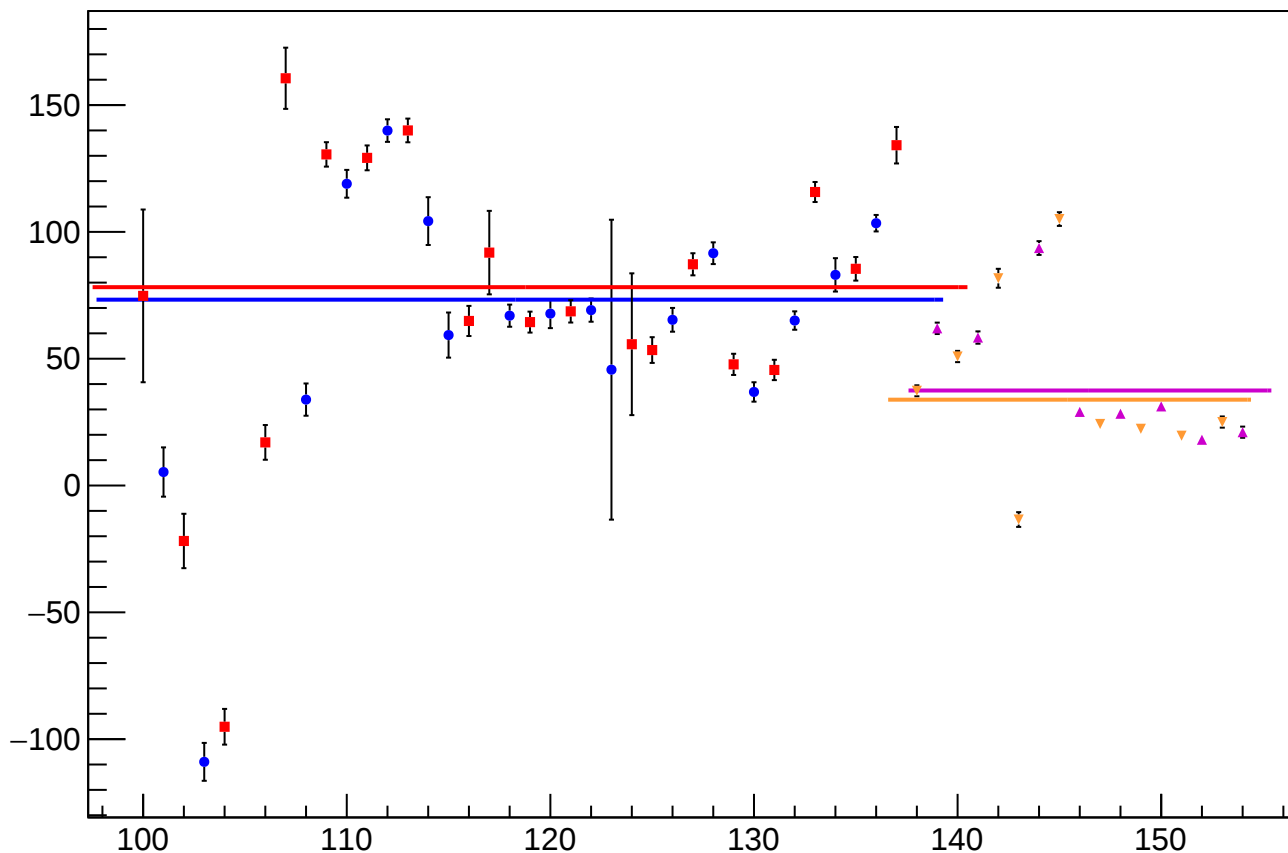
Right Out: 20.269 $\pm$ 0.641 χ^2 /NDF: 370.1/19

Left In: 9.463 $\pm$ 0.504 χ^2 /NDF: 194.1/7

12.600 $\pm$ 0.394 χ^2 /NDF: 962.9/25

13.585 $\pm$ 0.396 χ^2 /NDF: 739.9/27

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.278 $\pm$ 1.236 χ^2 /NDF: 1198.6/16

Left Out: 33.845 $\pm$ 0.748 χ^2 /NDF:1321.1/8

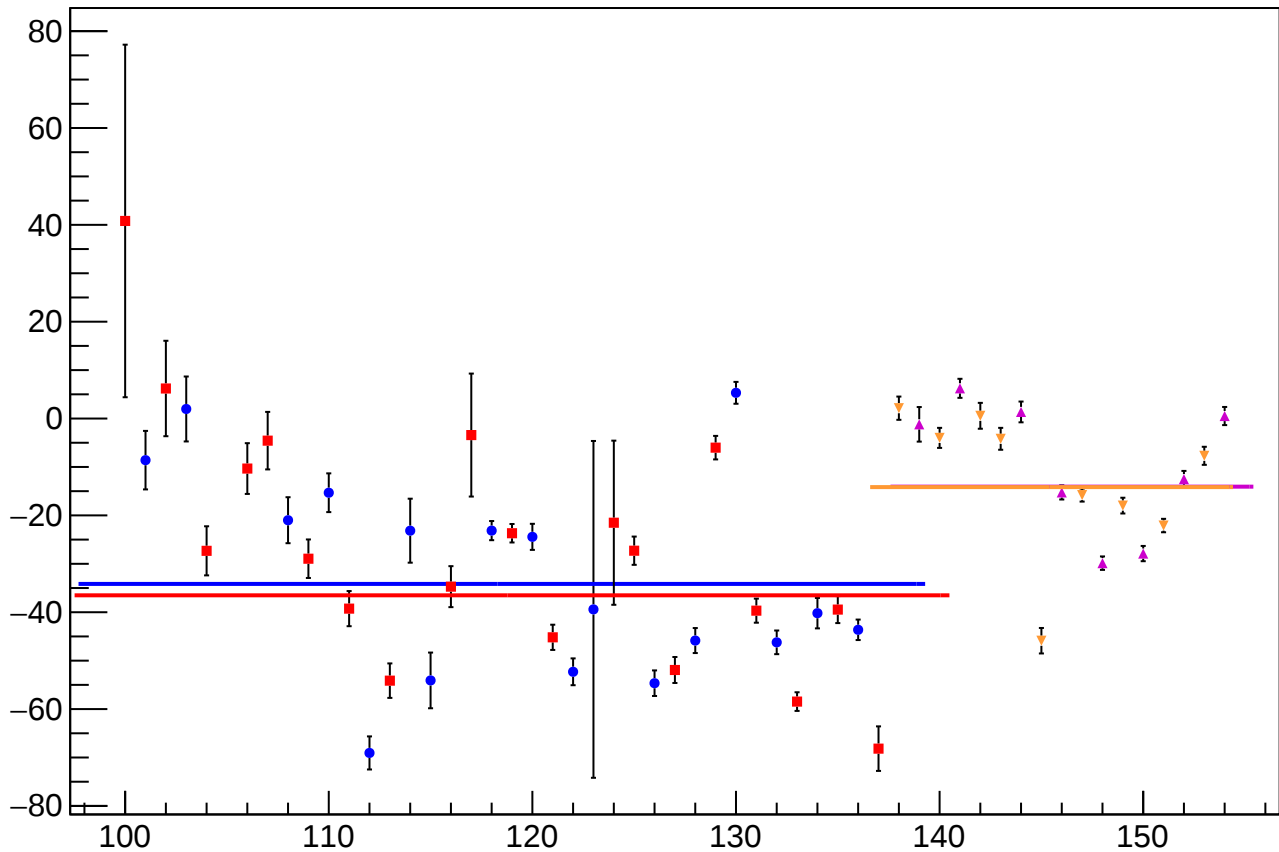
Right Out: 78.205 $\pm$ 1.219 χ^2 /NDF: 1544.0/19

Left In: 37.466 $\pm$ 0.734 χ^2 /NDF:845.9/7

44.408 $\pm$ 0.640 χ^2 /NDF: 3264.4/25

48.304 $\pm$ 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: -14.160 ± 0.617 $\chi^2/\text{NDF}: 317.2/8$

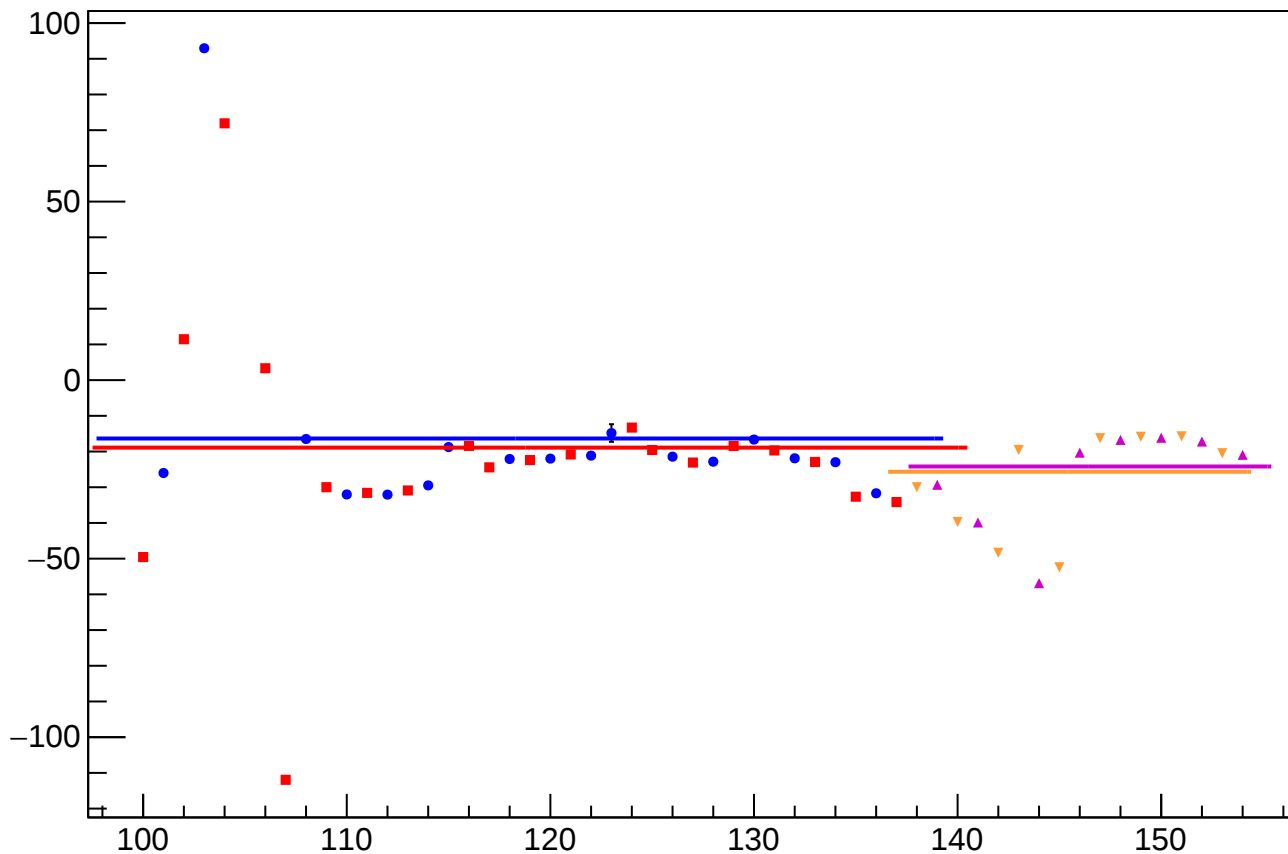
Right Out: -36.507 ± 0.735 $\chi^2/\text{NDF}: 553.8/19$

Left In: -14.067 ± 0.623 $\chi^2/\text{NDF}: 440.1/7$

-22.293 ± 0.475 $\chi^2/\text{NDF}: 1462.1/25$

-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: -25.667 ± 0.031 $\chi^2/\text{NDF}: 156736.4/8$

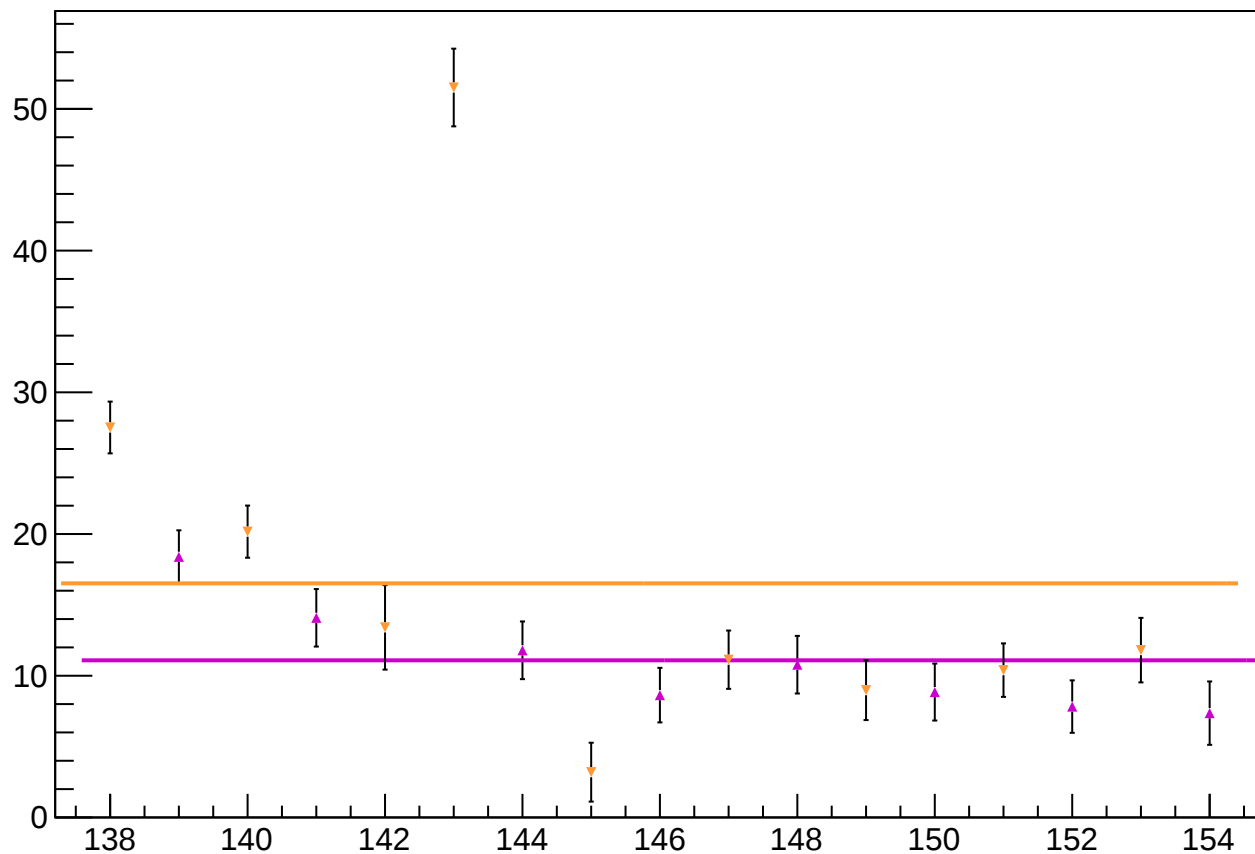
Right Out: -18.906 ± 0.045 $\chi^2/\text{NDF}: 433847.1/19$

Left In: -24.189 ± 0.030 $\chi^2/\text{NDF}: 136478.4/7$

-22.634 ± 0.025 $\chi^2/\text{NDF}: 660314.6/25$

-22.594 ± 0.025 $\chi^2/\text{NDF}: 579854.6/27$

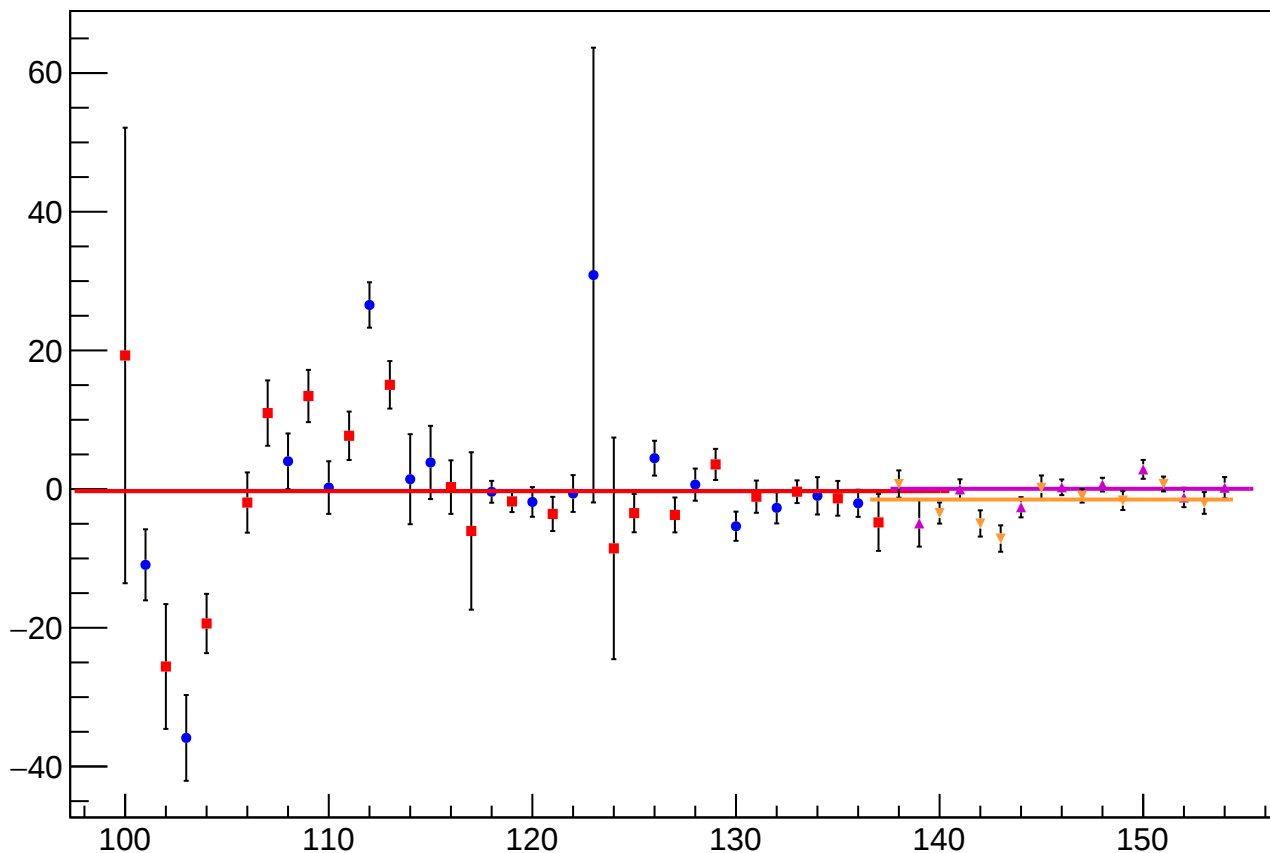
reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 16.519+/-0.706 χ^2/NDF : 279.7/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 11.088+/-0.703 χ^2/NDF : 26.4/7

16.519+/-0.706 χ^2/NDF : 279.7/8
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: -1.503 ± 0.475 χ^2/NDF : 20.7/8

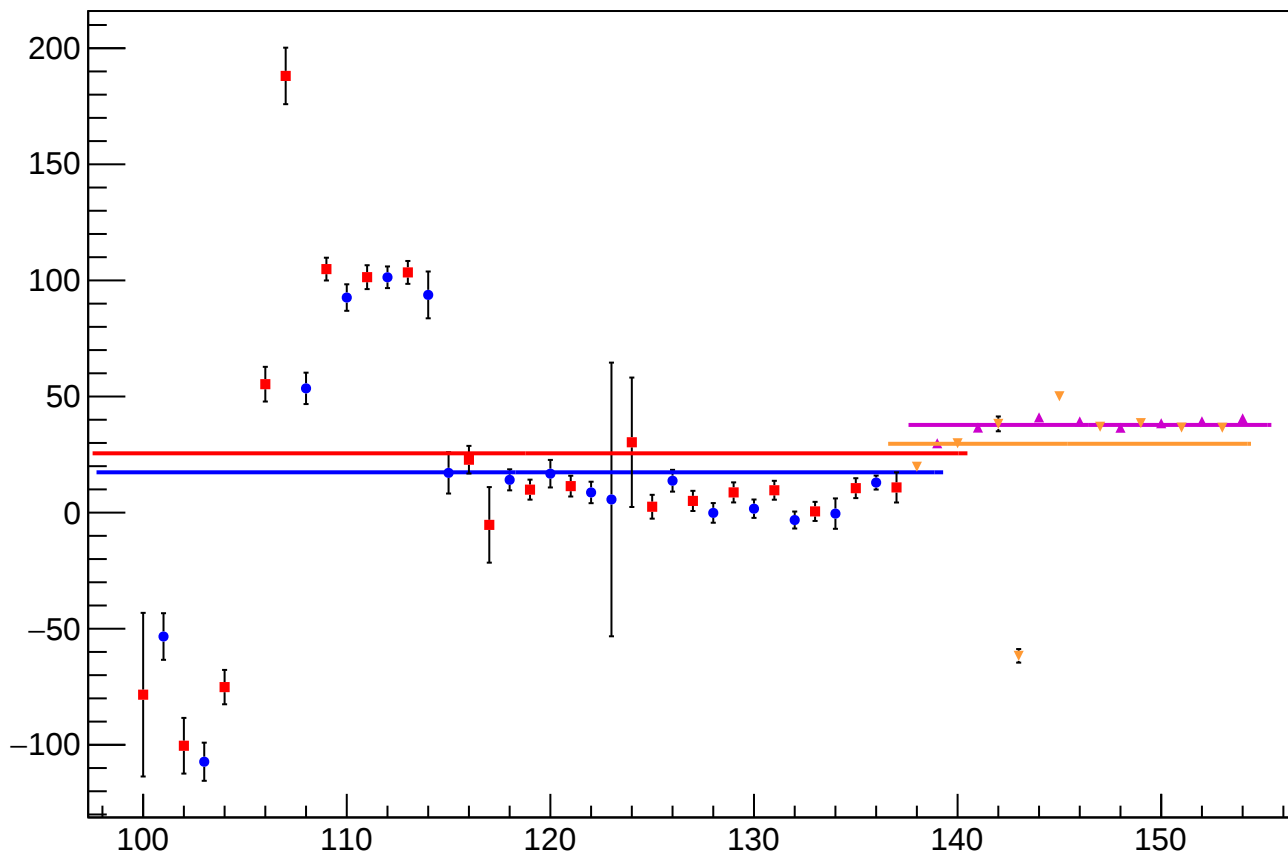
Right Out: -0.289 ± 0.655 χ^2/NDF : 83.4/19

Left In: 0.043 ± 0.482 χ^2/NDF : 11.0/7

-1.087 ± 0.386 χ^2/NDF : 142.5/25

-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: 29.643 ± 0.707 $\chi^2/\text{NDF}: 1154.8/8$

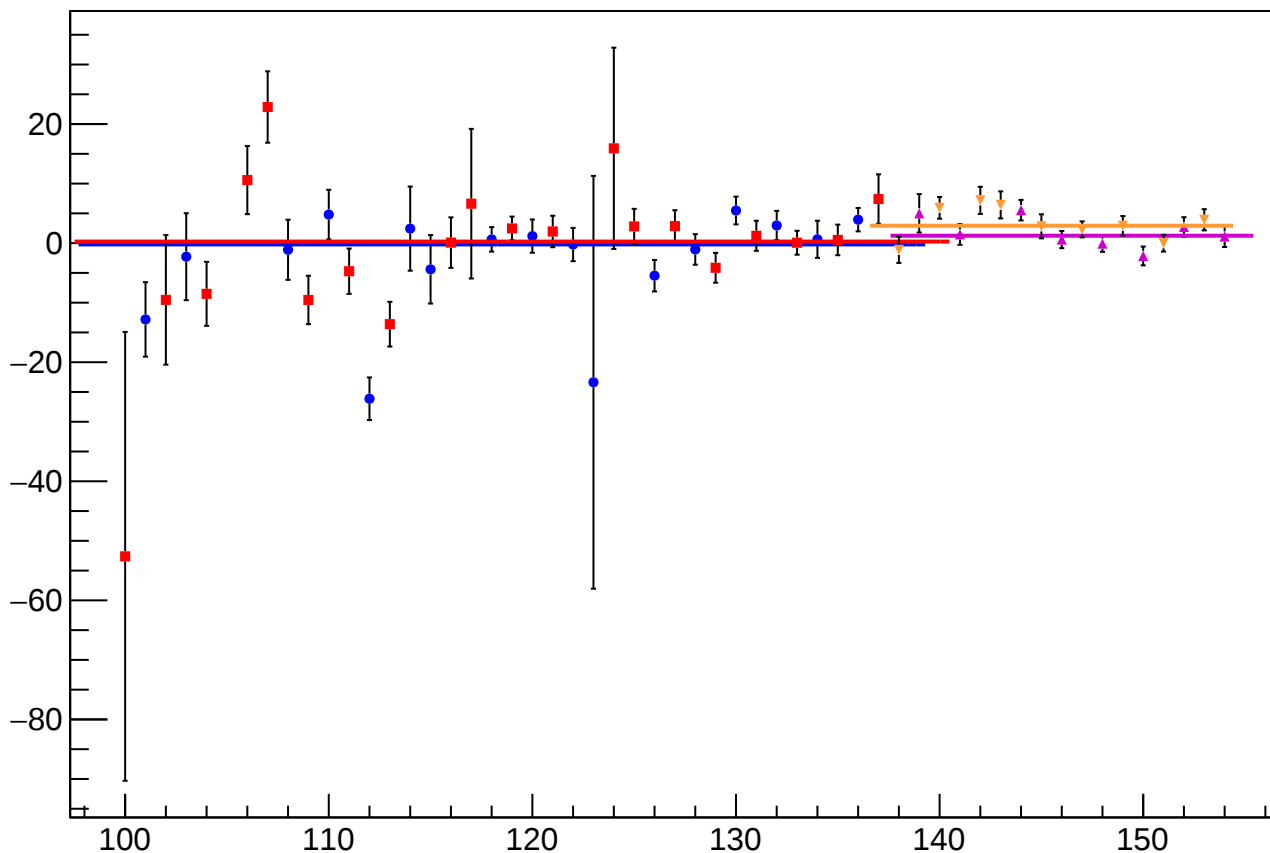
Right Out: 25.537 ± 1.239 $\chi^2/\text{NDF}: 1382.4/19$

Left In: 37.766 ± 0.695 $\chi^2/\text{NDF}: 21.6/7$

26.653 ± 0.615 $\chi^2/\text{NDF}: 2171.2/25$

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: 2.926 ± 0.589 χ^2/NDF : 16.9/8

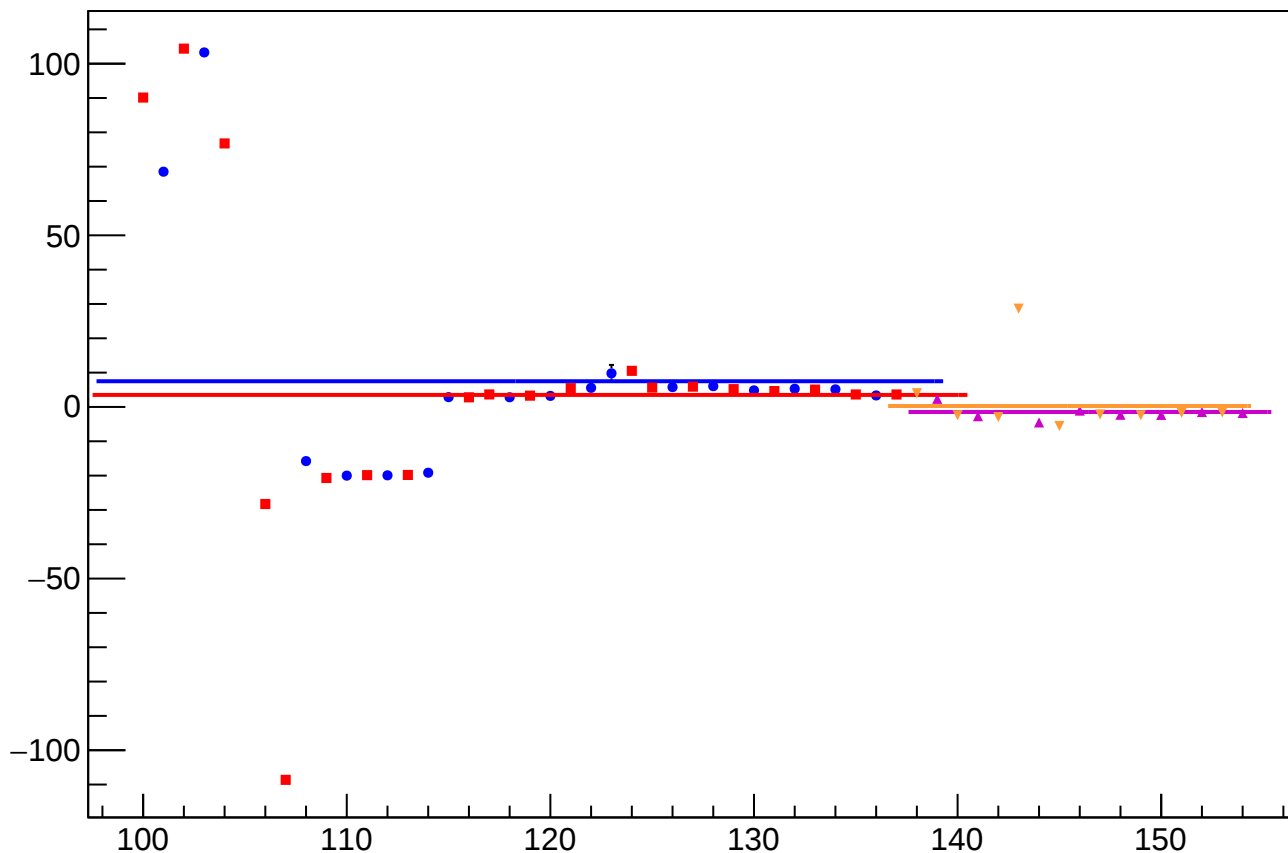
Right Out: 0.262 ± 0.747 χ^2/NDF : 54.8/19

Left In: 1.246 ± 0.592 χ^2/NDF : 14.1/7

1.734 ± 0.463 χ^2/NDF : 103.5/25

0.866 ± 0.464 χ^2/NDF : 70.0/27

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.492 ± 0.045 χ^2/NDF : 355979.0/16

Left Out: 0.277 ± 0.029 χ^2/NDF : 70280.7/8

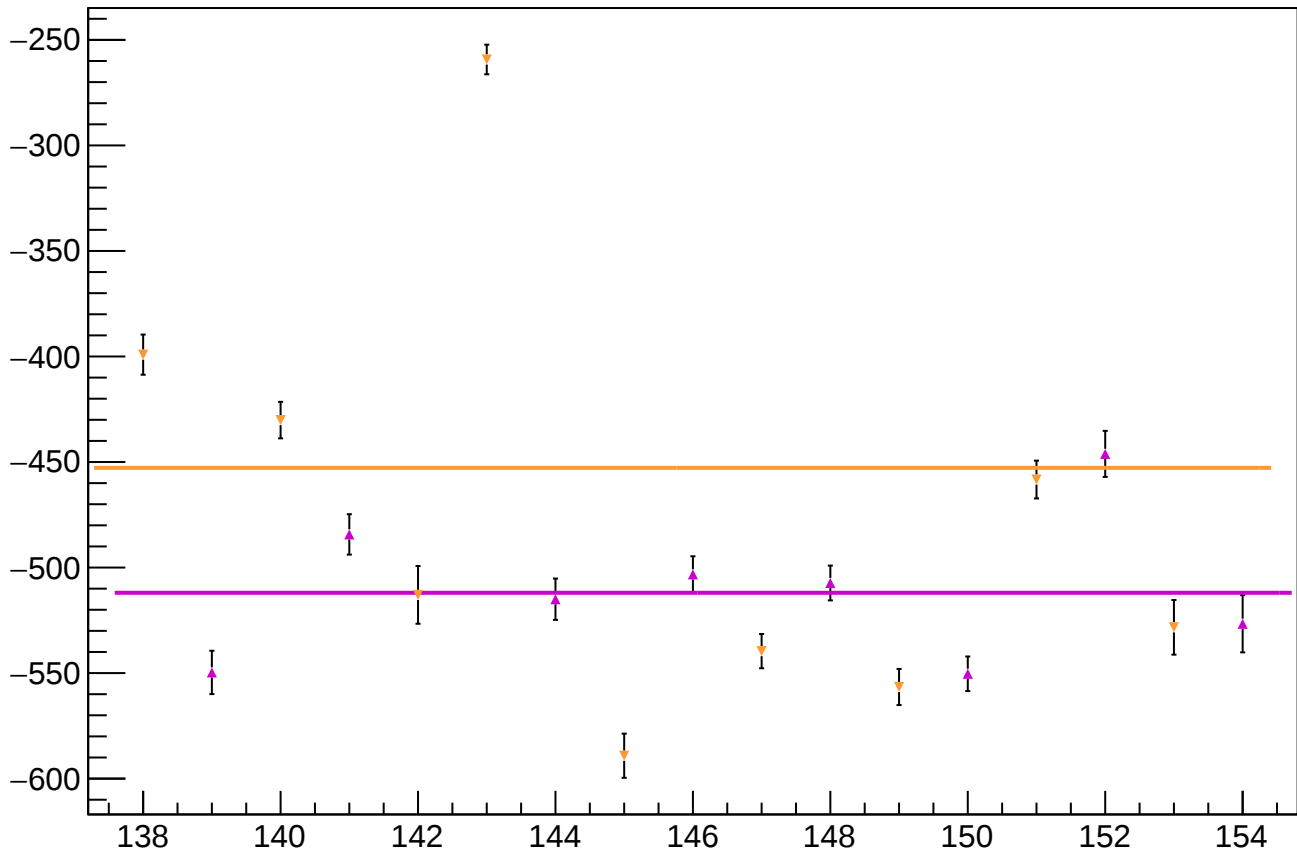
Right Out: 3.504 ± 0.046 χ^2/NDF : 510579.5/19

Left In: -1.468 ± 0.028 χ^2/NDF : 4368.2/7

2.434 ± 0.024 χ^2/NDF : 444578.9/25

-0.100 ± 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: -452.754+/-3.064 χ^2/NDF :1284.0/8

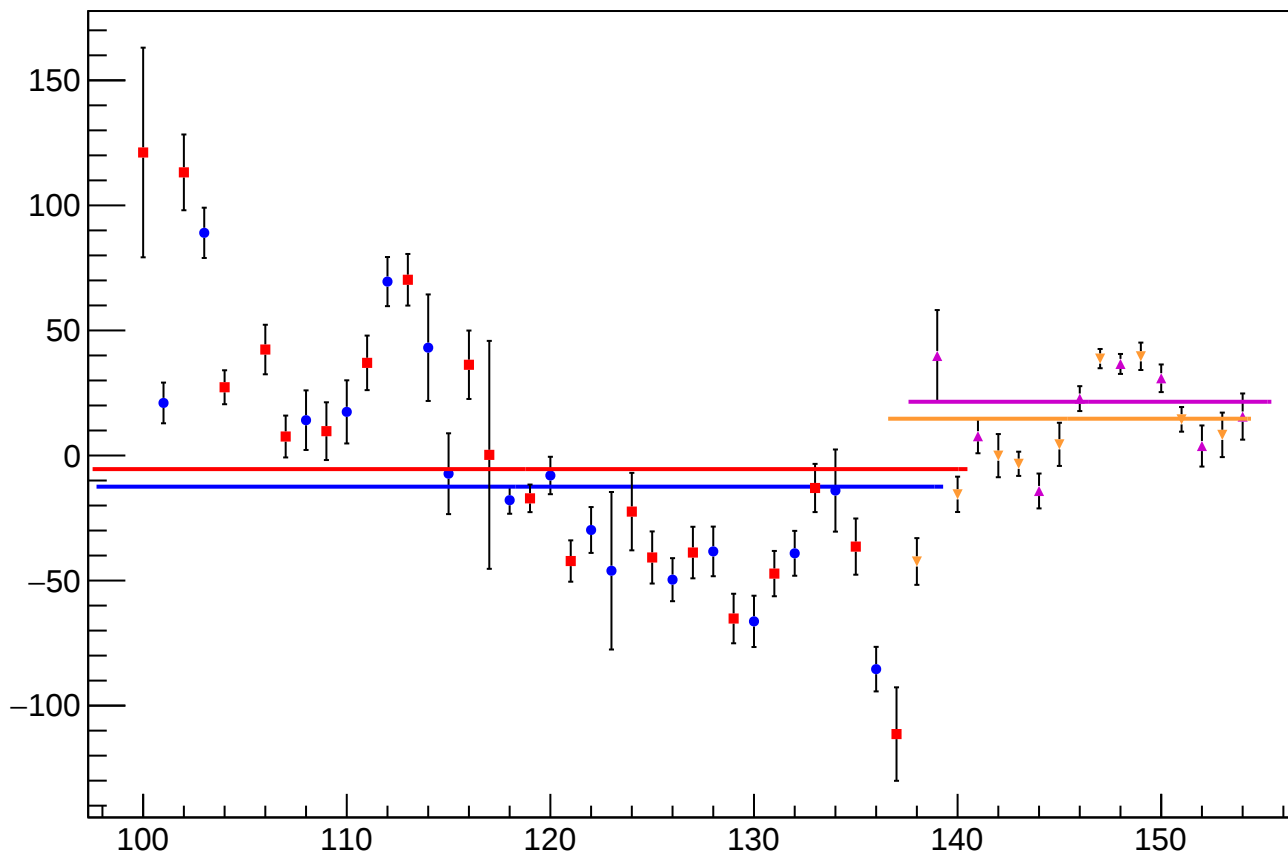
-452.754+/-3.064 χ^2/NDF : 1284.0/8

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: 14.710 ± 1.977 χ^2/NDF : 134.2/8

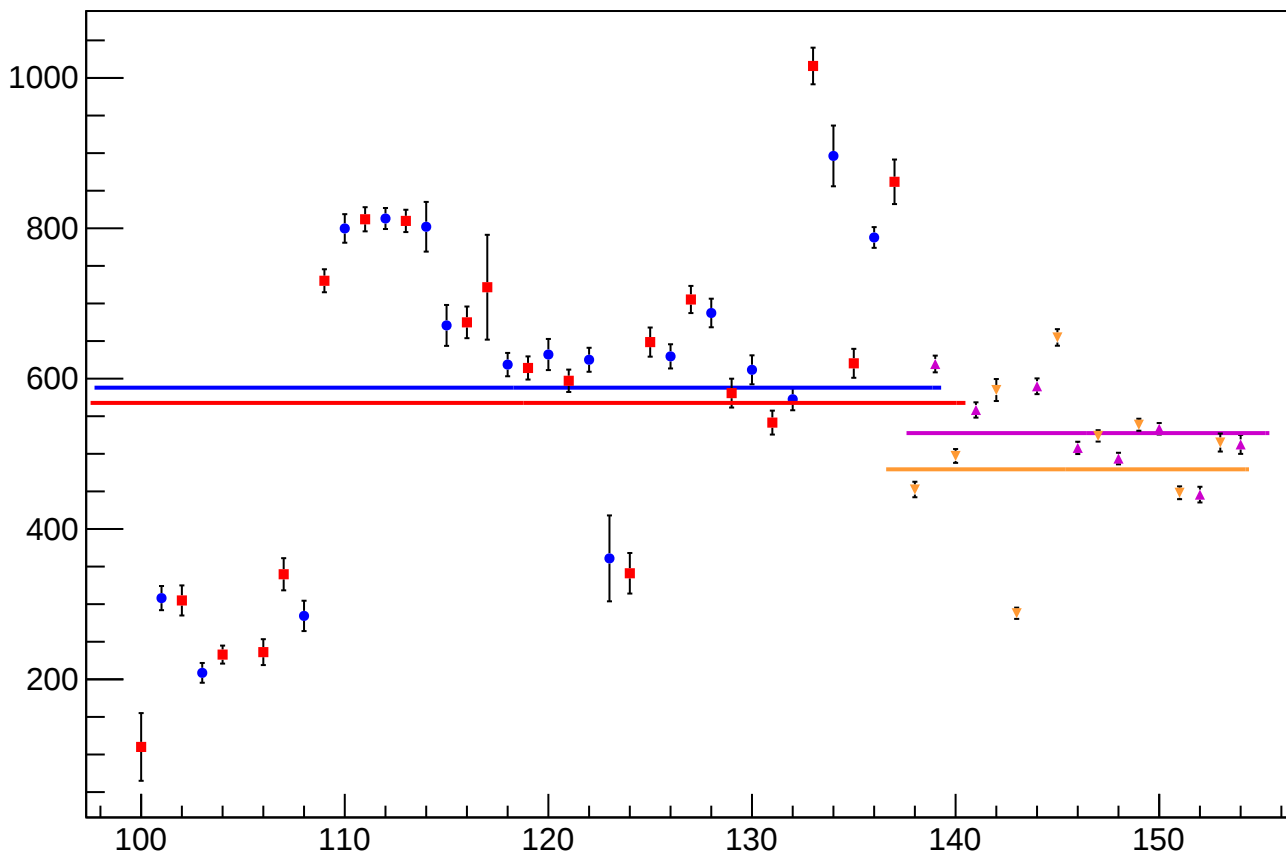
Right Out: -5.439 ± 2.256 χ^2/NDF : 345.0/19

Left In: 21.487 ± 2.195 χ^2/NDF : 53.6/7

3.441 ± 1.513 χ^2/NDF : 553.6/25

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: 479.368 ± 3.077 χ^2/NDF : 1080.9/8

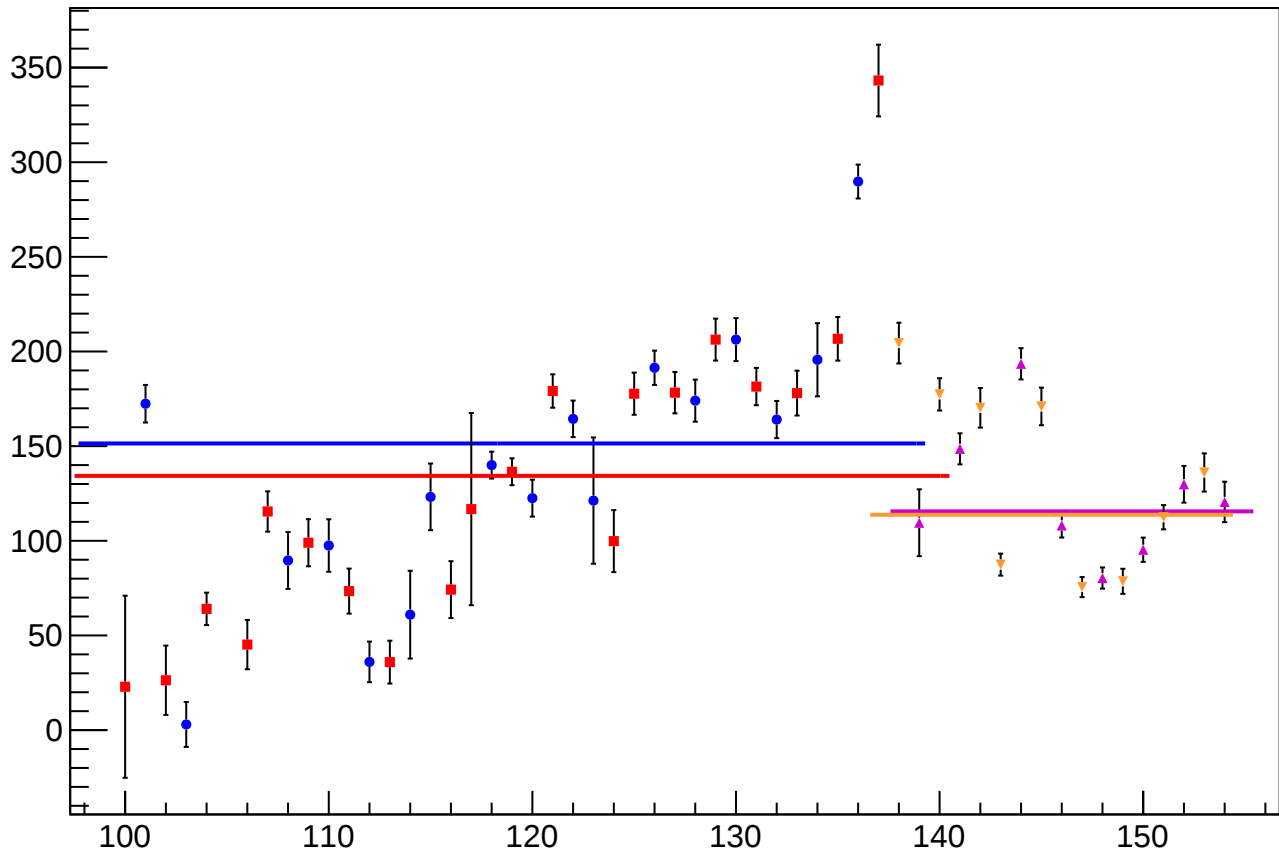
Right Out: 567.720 ± 4.129 χ^2/NDF : 2788.1/19

Left In: 527.562 ± 3.314 χ^2/NDF : 201.3/7

515.559 ± 2.512 χ^2/NDF : 3625.8/25

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: 113.753+/-2.471 χ^2/NDF : 294.4/8

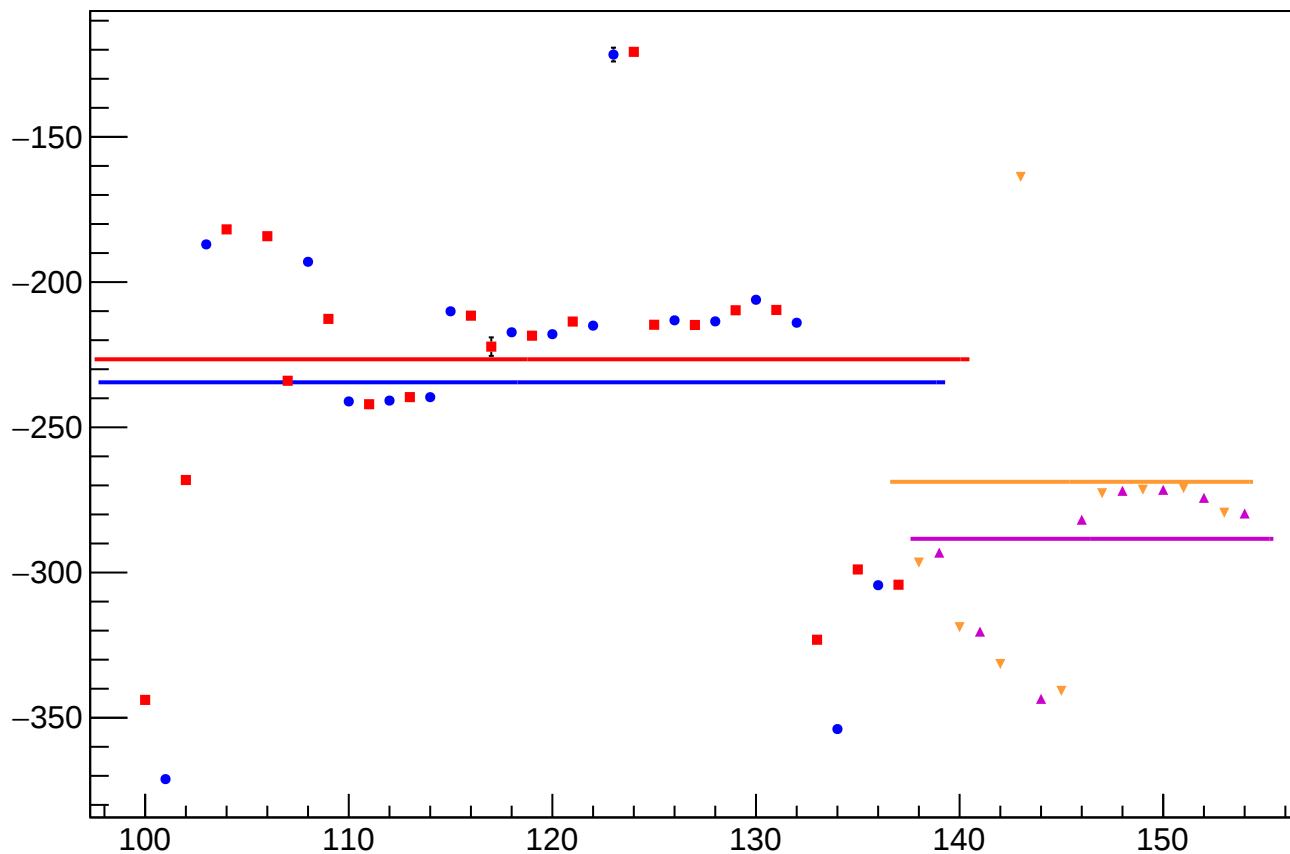
Right Out: 134.299+/-2.612 χ^2/NDF : 585.0/19

Left In: 115.546+/-2.741 χ^2/NDF : 158.8/7

130.863+/-1.826 χ^2/NDF : 1033.2/25

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: -268.763+/-0.129 χ^2/NDF : 181599.8/8

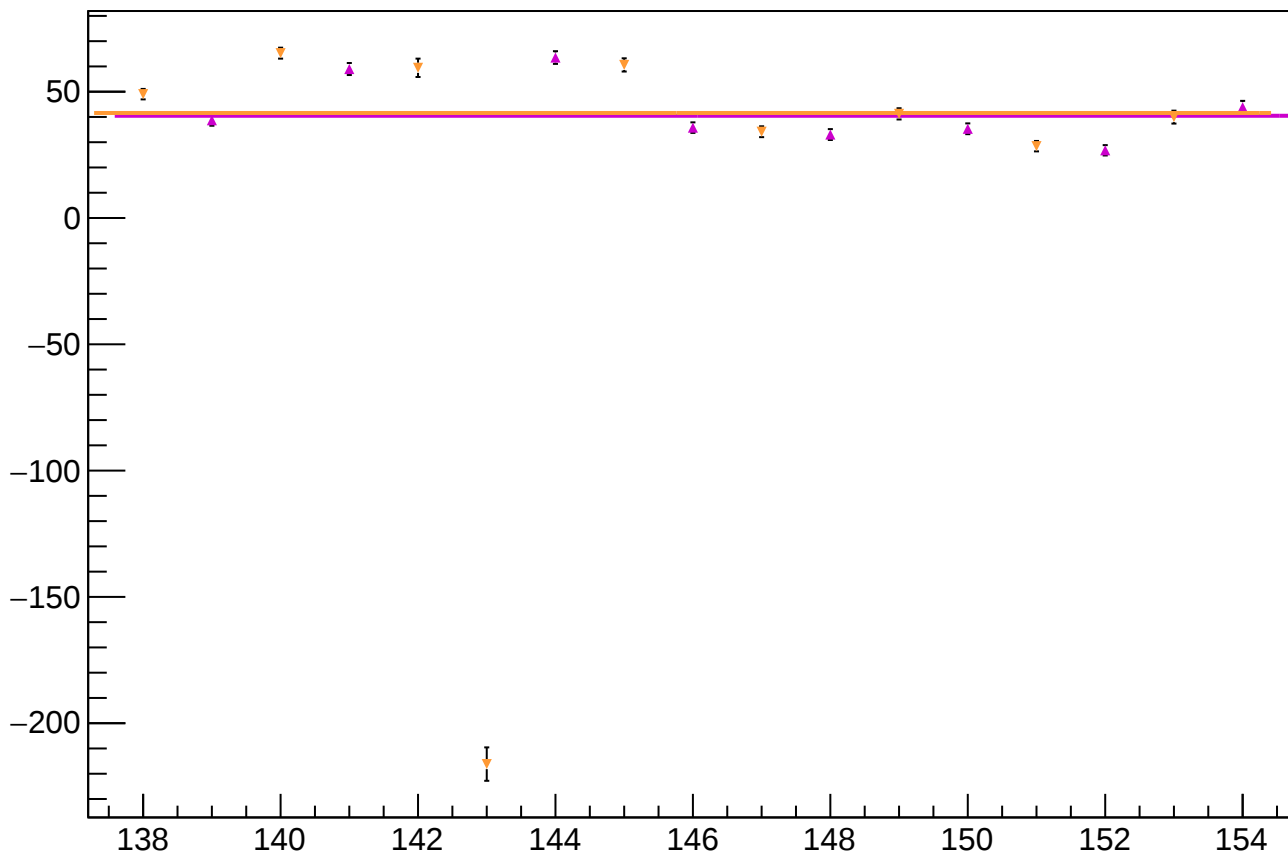
Right Out: -226.572+/-0.141 χ^2/NDF : 98970.7/19

Left In: -288.389+/-0.137 χ^2/NDF : 27663.7/7

-254.097+/-0.098 χ^2/NDF : 356877.0/25

-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: 41.575+/-0.817 χ^2/NDF :1781.4/8

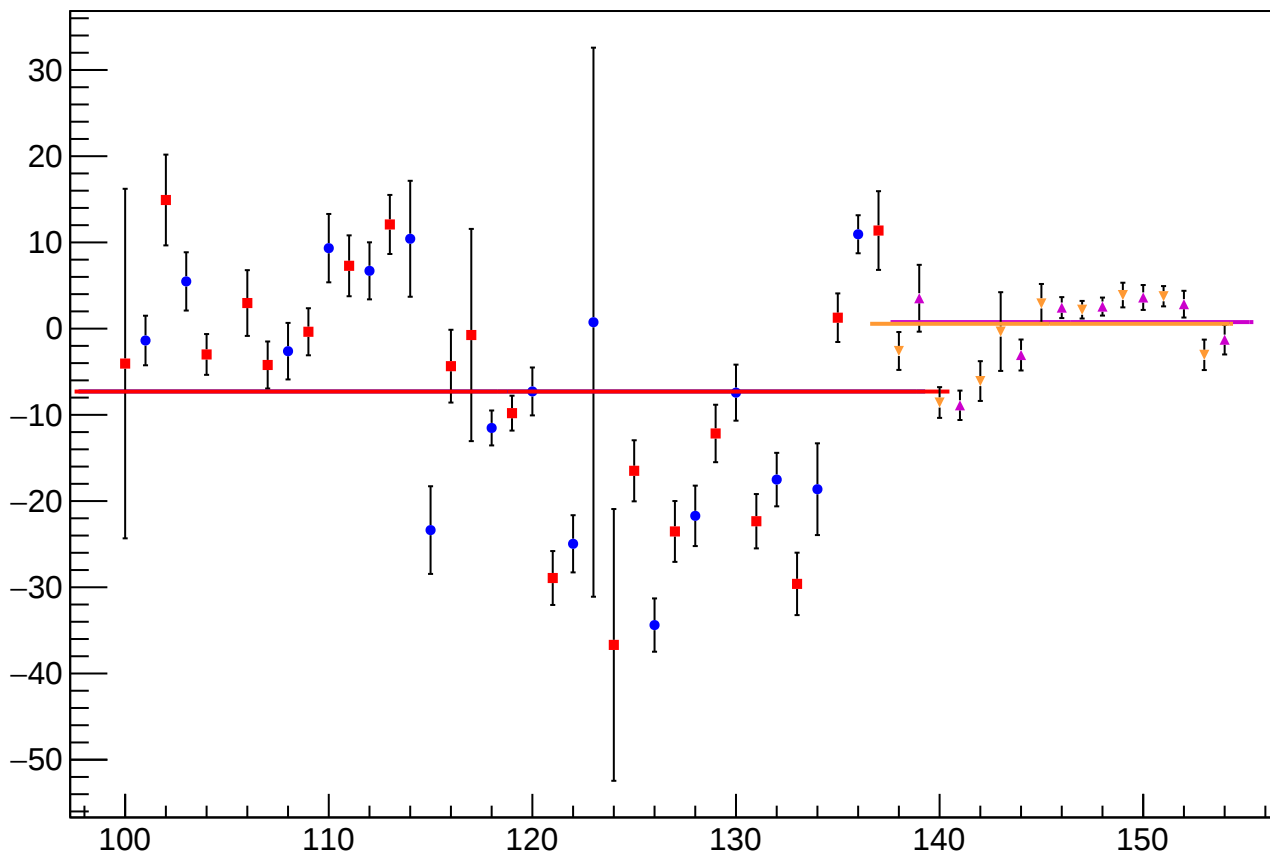
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.468+/-0.788 χ^2/NDF :214.5/7

41.575+/-0.817 χ^2/NDF : 1781.4/8

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: 0.561 ± 0.539 χ^2/NDF : 57.2/8

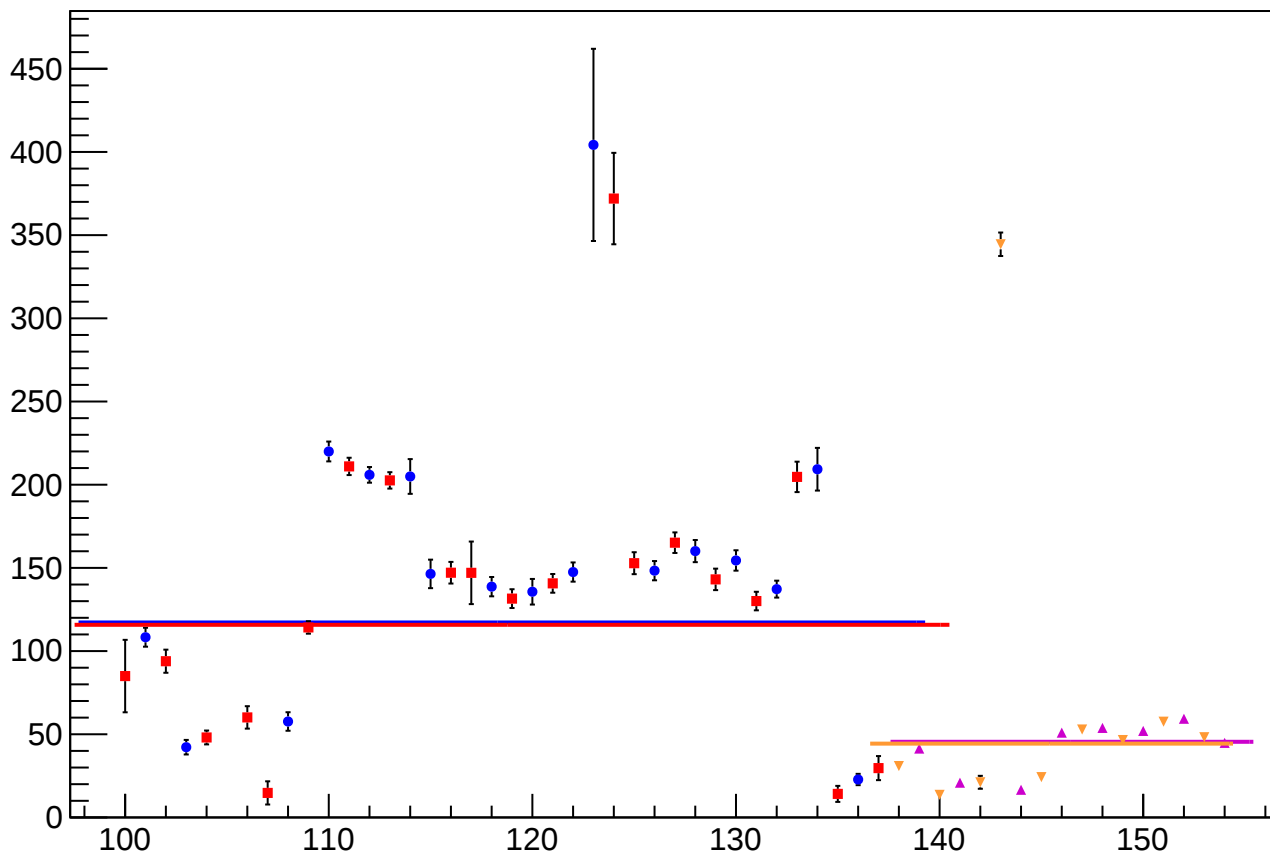
Right Out: -7.298 ± 0.759 χ^2/NDF : 255.6/19

Left In: 0.759 ± 0.531 χ^2/NDF : 49.1/7

-1.934 ± 0.445 χ^2/NDF : 407.9/25

-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: 44.372 ± 0.811 χ^2/NDF : 2178.5/8

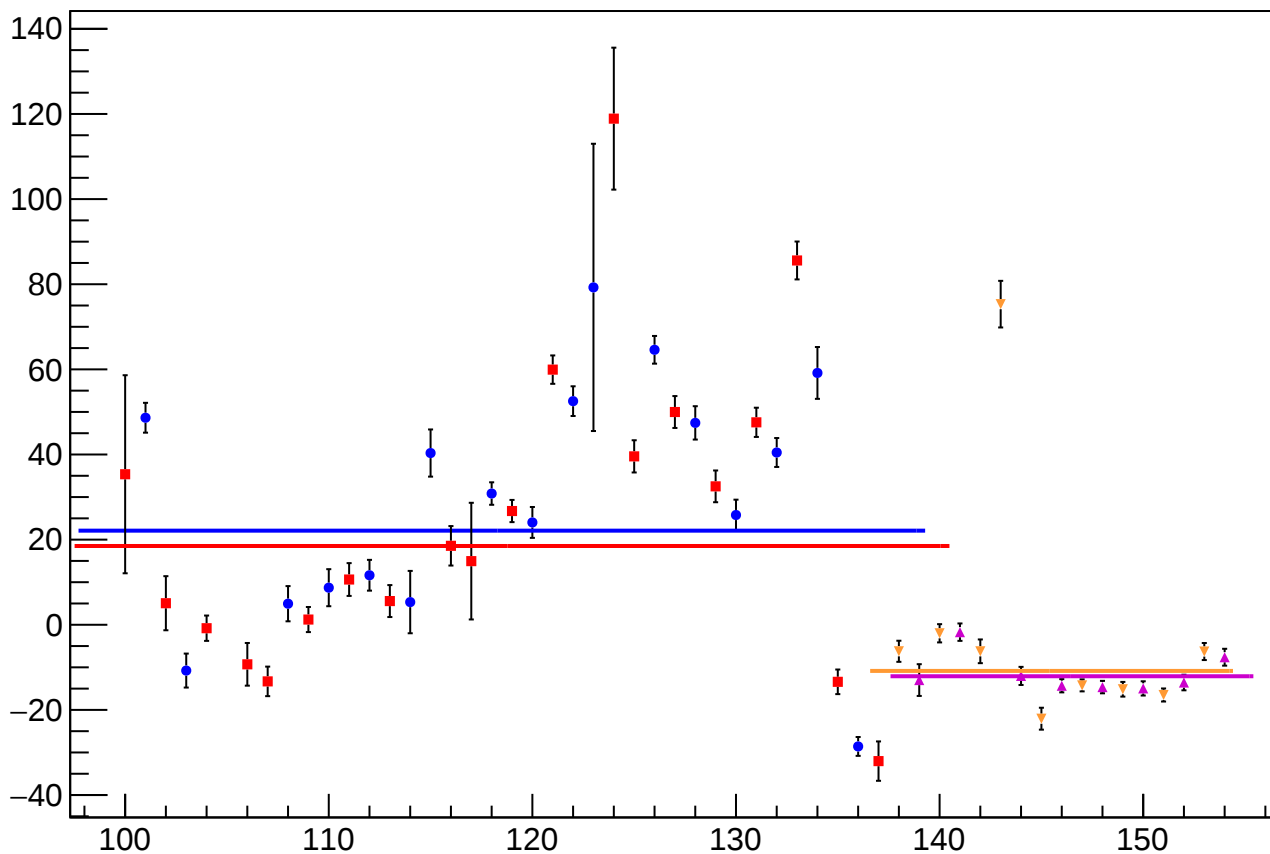
Right Out: 115.795 ± 1.357 χ^2/NDF : 2140.4/19

Left In: 45.477 ± 0.774 χ^2/NDF : 297.8/7

62.355 ± 0.704 χ^2/NDF : 6329.8/25

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: -10.841+/-0.672 χ^2/NDF : 320.7/8

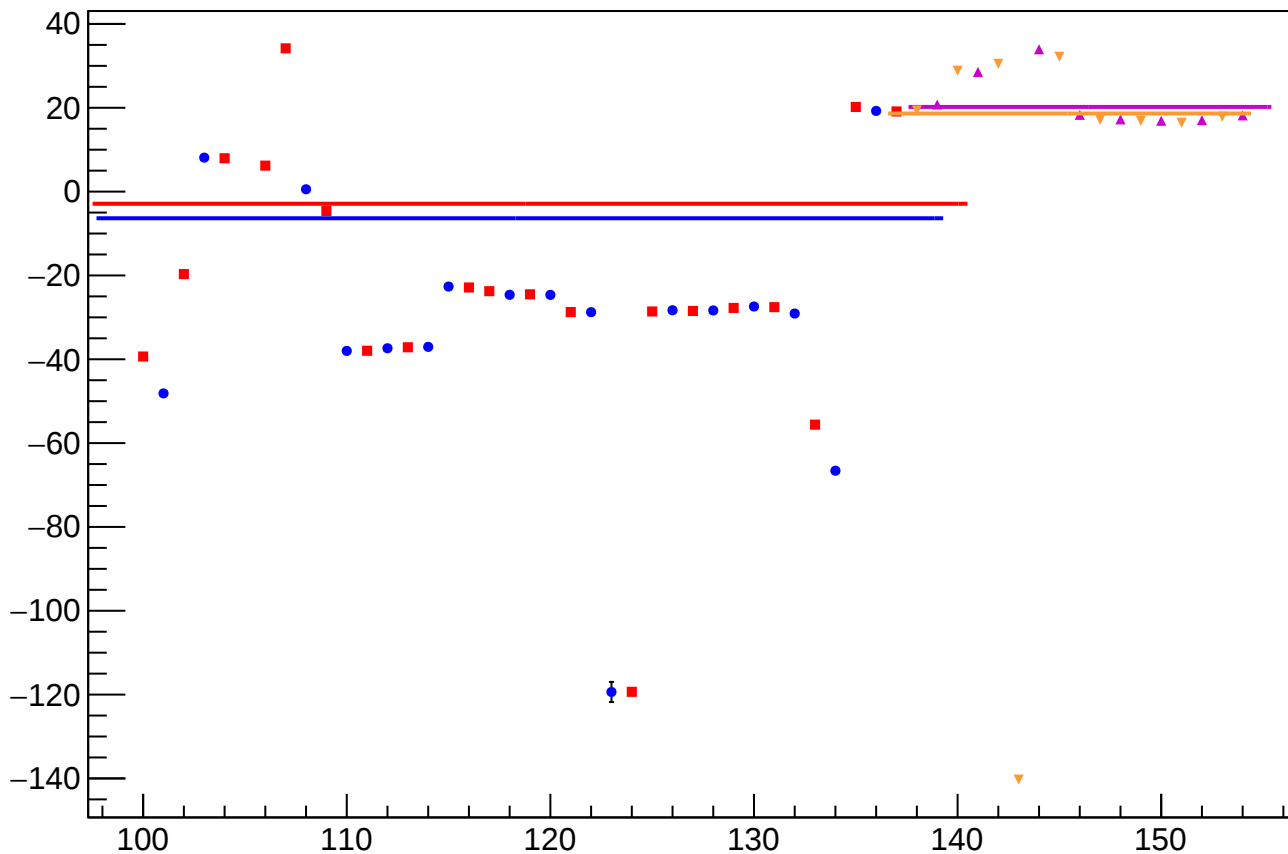
Right Out: 18.506+/-0.869 χ^2/NDF : 1068.6/19

Left In: -12.095+/-0.656 χ^2/NDF : 39.4/7

0.994+/-0.538 χ^2/NDF : 2253.6/25

-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: 18.633 ± 0.034 χ^2/NDF : 348553.3/8

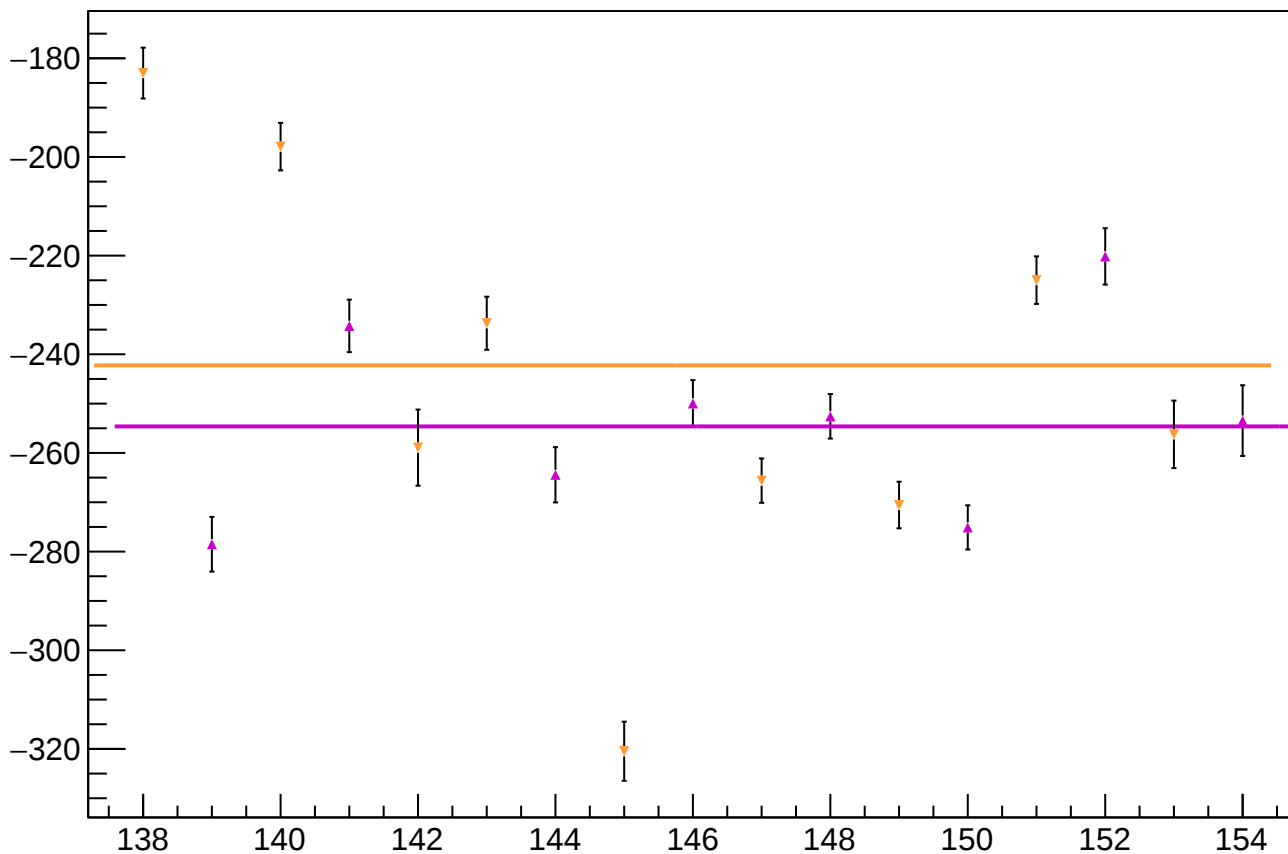
Right Out: -2.896 ± 0.046 χ^2/NDF : 266162.6/19

Left In: 20.204 ± 0.031 χ^2/NDF : 25748.6/7

9.994 ± 0.027 χ^2/NDF : 803861.1/25

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: -242.250+/-1.772 χ^2/NDF : 474.6/8

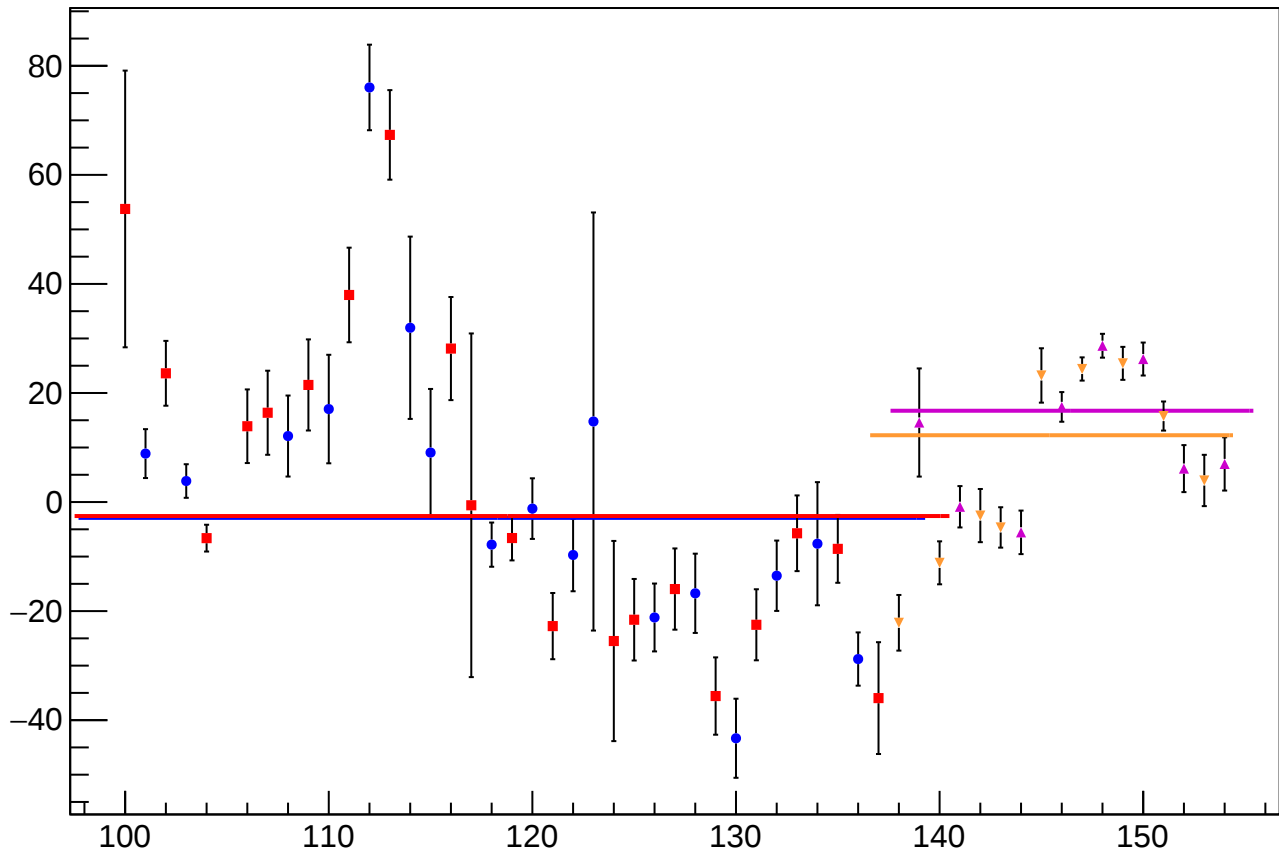
-242.250+/-1.772 χ^2/NDF : 474.6/8

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: 12.251 ± 1.137 χ^2/NDF : 171.9/8

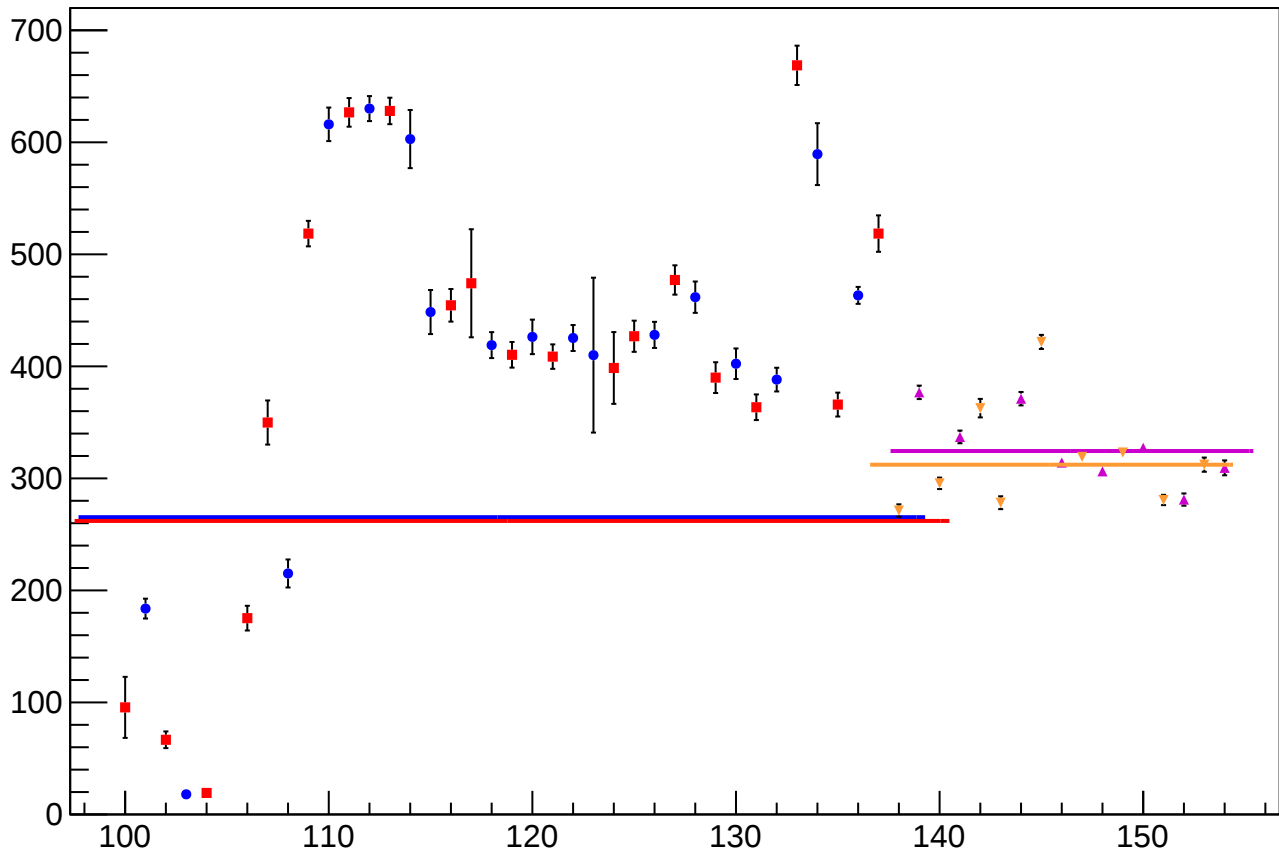
Right Out: -2.566 ± 1.395 χ^2/NDF : 218.2/19

Left In: 16.744 ± 1.202 χ^2/NDF : 102.5/7

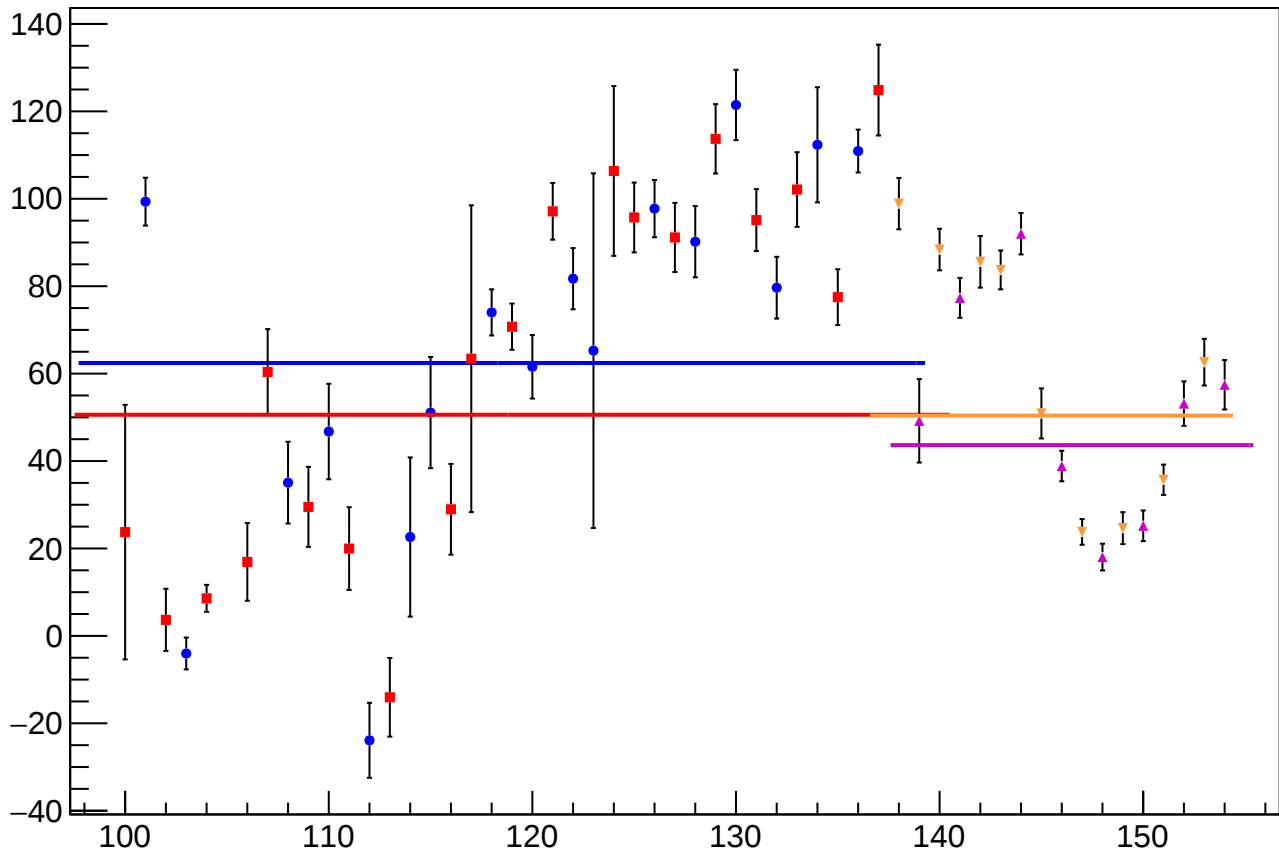
6.565 ± 0.899 χ^2/NDF : 442.1/25

8.517 ± 0.911 χ^2/NDF : 430.7/27

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.434+/-1.694 χ^2/NDF : 721.8/16

Left Out: 50.396+/-1.426 χ^2/NDF : 378.5/8

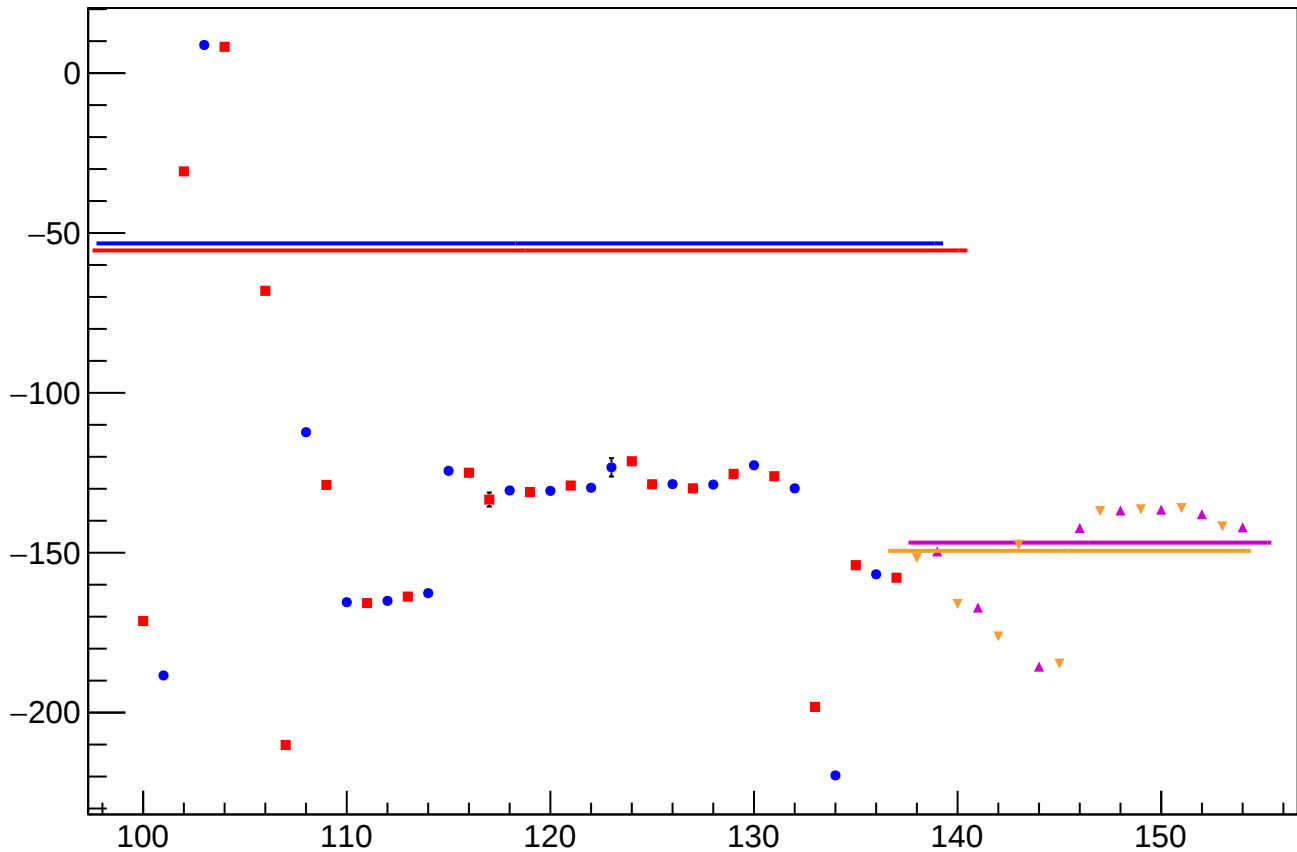
Right Out: 50.588+/-1.640 χ^2/NDF : 657.5/19

Left In: 43.645+/-1.501 χ^2/NDF : 268.1/7

55.390+/-1.091 χ^2/NDF : 1129.8/25

46.811+/-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: -149.409+/-0.074 χ^2/NDF : 46470.8/8

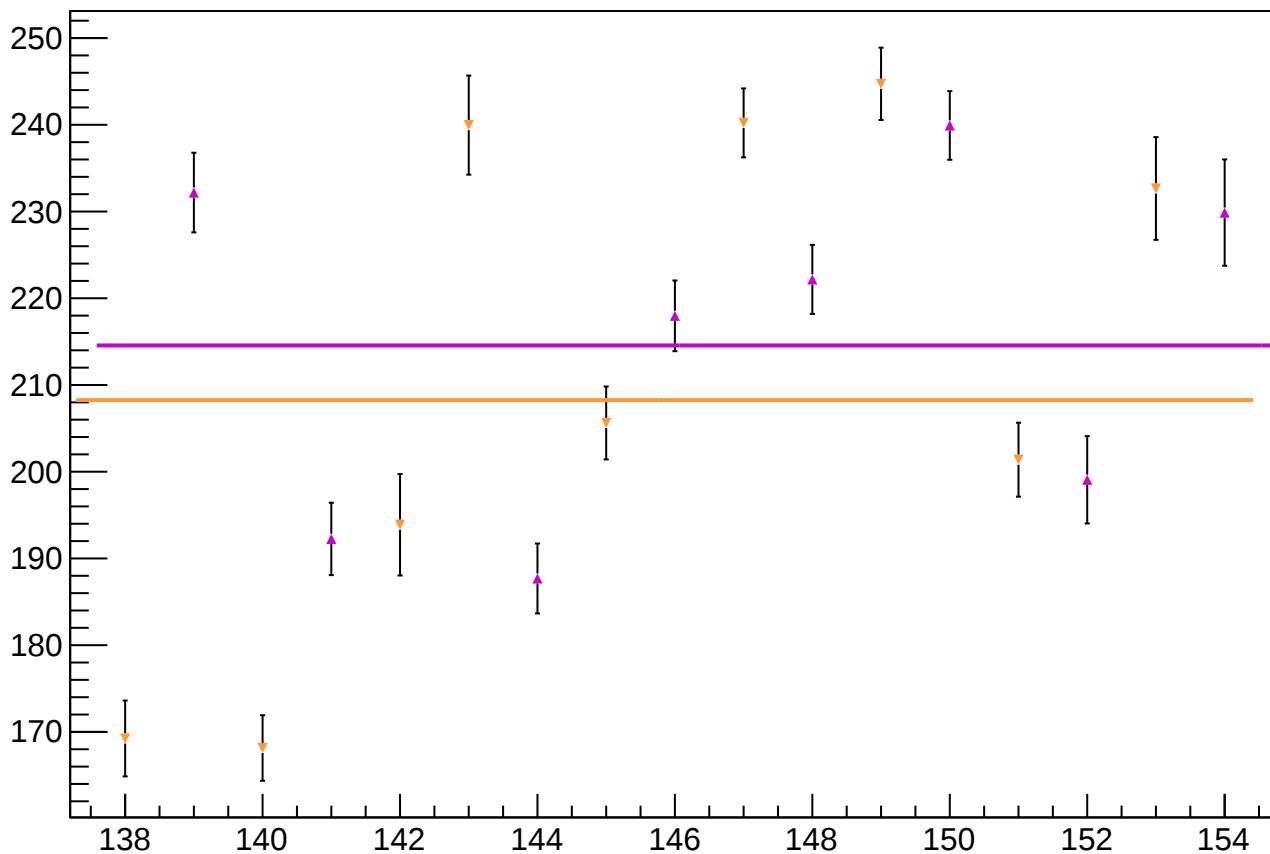
Right Out: -55.455+/-0.072 χ^2/NDF : 968274.5/19

Left In: -146.842+/-0.074 χ^2/NDF : 38827.2/7

-98.804+/-0.051 χ^2/NDF : 2155119.4/25

-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: 208.260+/-1.503 χ^2/NDF : 390.0/8

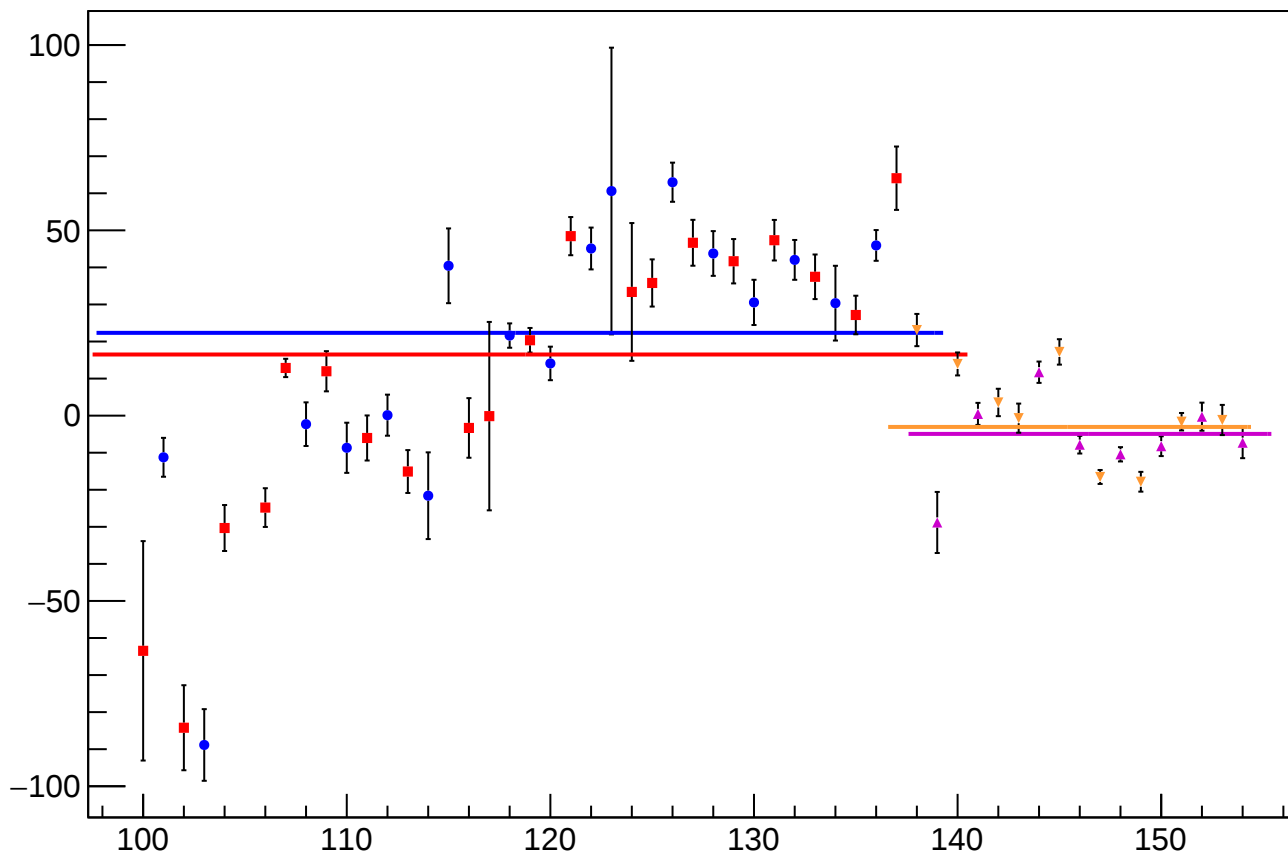
208.260+/-1.503 χ^2/NDF : 390.0/8

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 $\pm$ 1.395 χ^2 /NDF: 385.8/16

Left Out: -3.046 $\pm$ 0.979 χ^2 /NDF:187.2/8

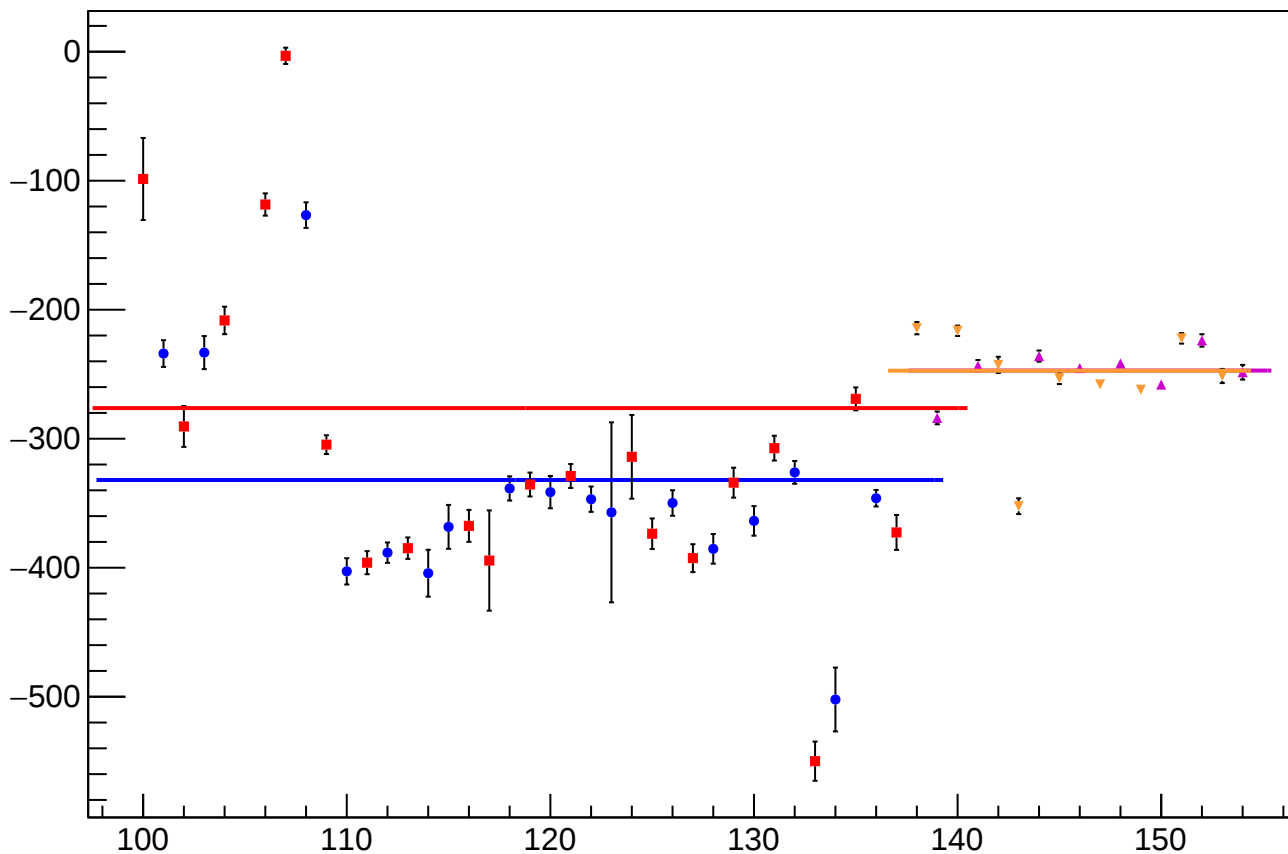
Right Out: 16.498 $\pm$ 1.226 χ^2 /NDF: 427.0/19

Left In: -4.928 $\pm$ 1.020 χ^2 /NDF:58.1/7

5.335 $\pm$ 0.802 χ^2 /NDF: 794.8/25

3.841 $\pm$ 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: -247.268+/-1.506 χ^2/NDF : 467.6/8

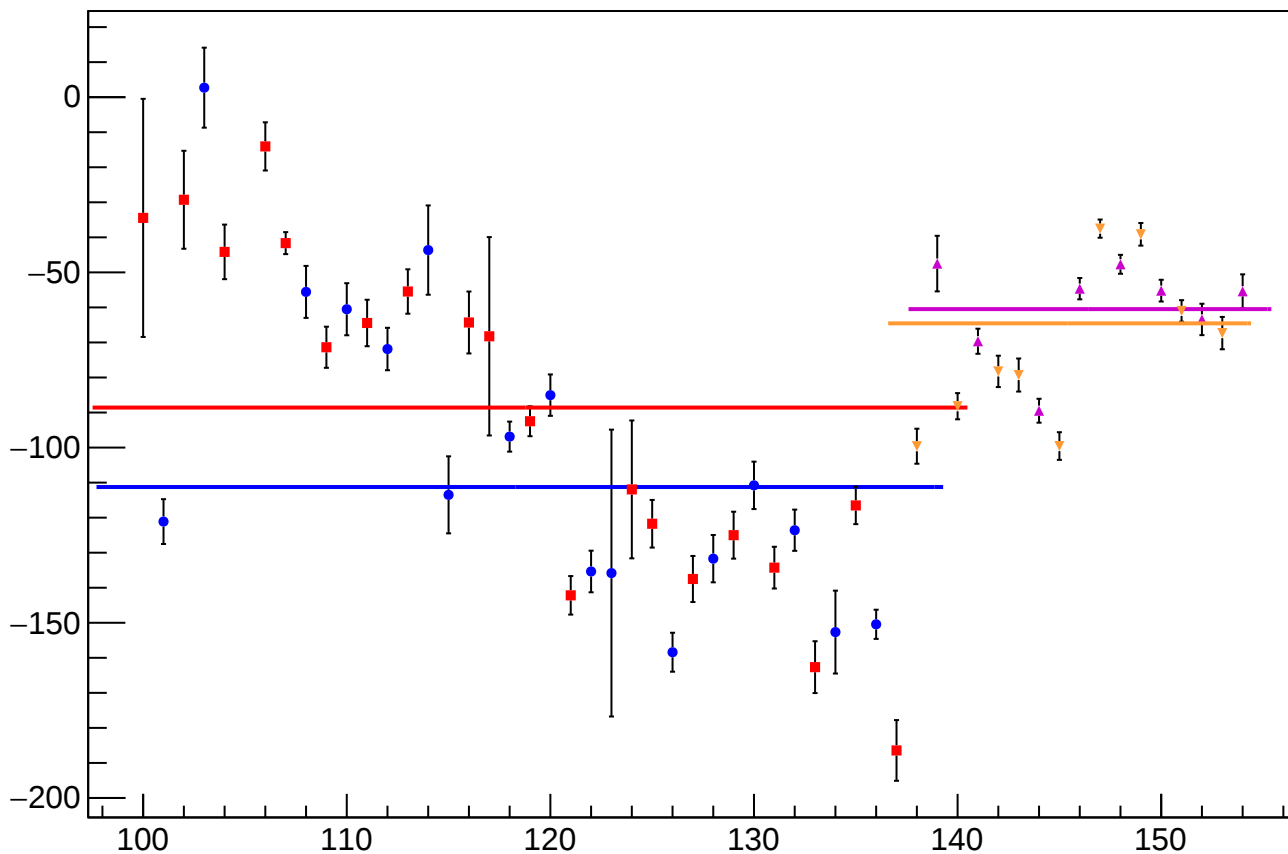
-268.793+/-1.301 χ^2/NDF : 2056.8/25

Right Out: -276.265+/-2.320 χ^2/NDF : 3371.5/19

-255.946+/-1.275 χ^2/NDF : 3577.7/27

Left In: -247.156+/-1.526 χ^2/NDF : 96.3/7

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.257 $\pm$ 1.597 χ^2 /NDF: 509.6/16

Left Out: -64.548 $\pm$ 1.224 χ^2 /NDF: 359.1/8

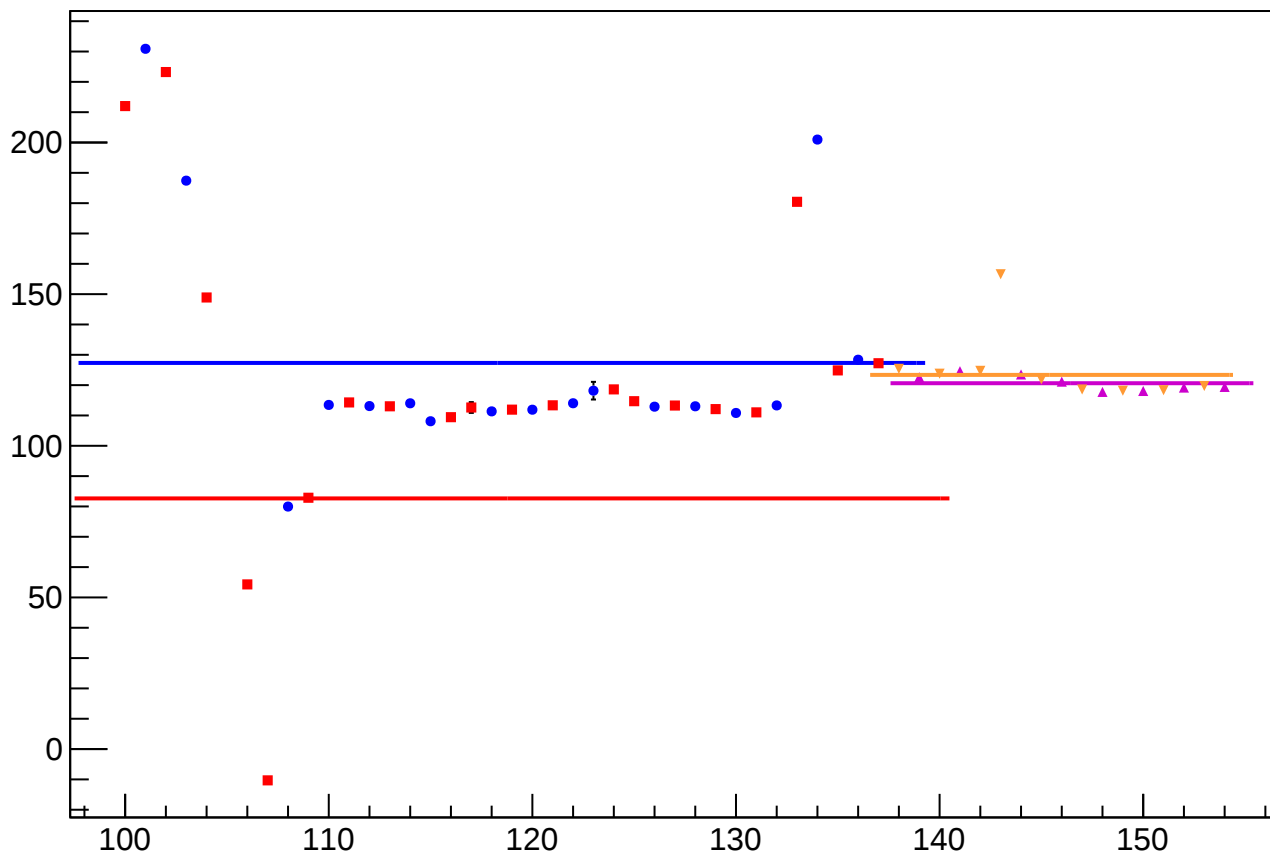
Right Out: -88.581 $\pm$ 1.431 χ^2 /NDF: 971.5/19

Left In: -60.485 $\pm$ 1.268 χ^2 /NDF: 112.1/7

-81.821 $\pm$ 0.971 χ^2 /NDF: 1407.7/25

-72.843 $\pm$ 0.949 χ^2 /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: 123.376 +/- 0.063 χ^2/NDF : 21458.4/8

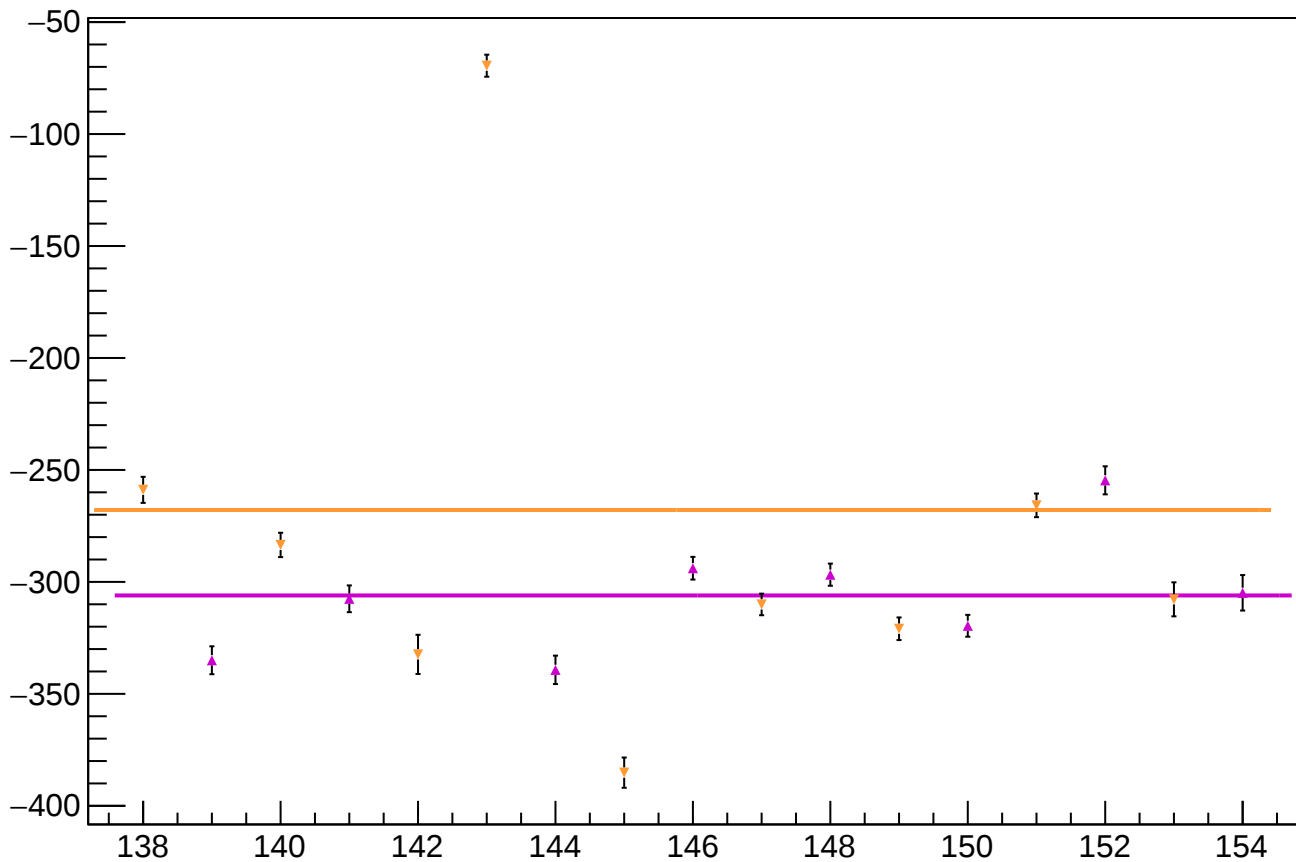
Right Out: 82.649 +/- 0.075 χ^2/NDF : 765307.1/19

Left In: 120.633 +/- 0.063 χ^2/NDF : 1540.0/7

124.687 +/- 0.052 χ^2/NDF : 210534.9/25

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: -267.884+/-1.907 χ^2/NDF : 2204.4/8

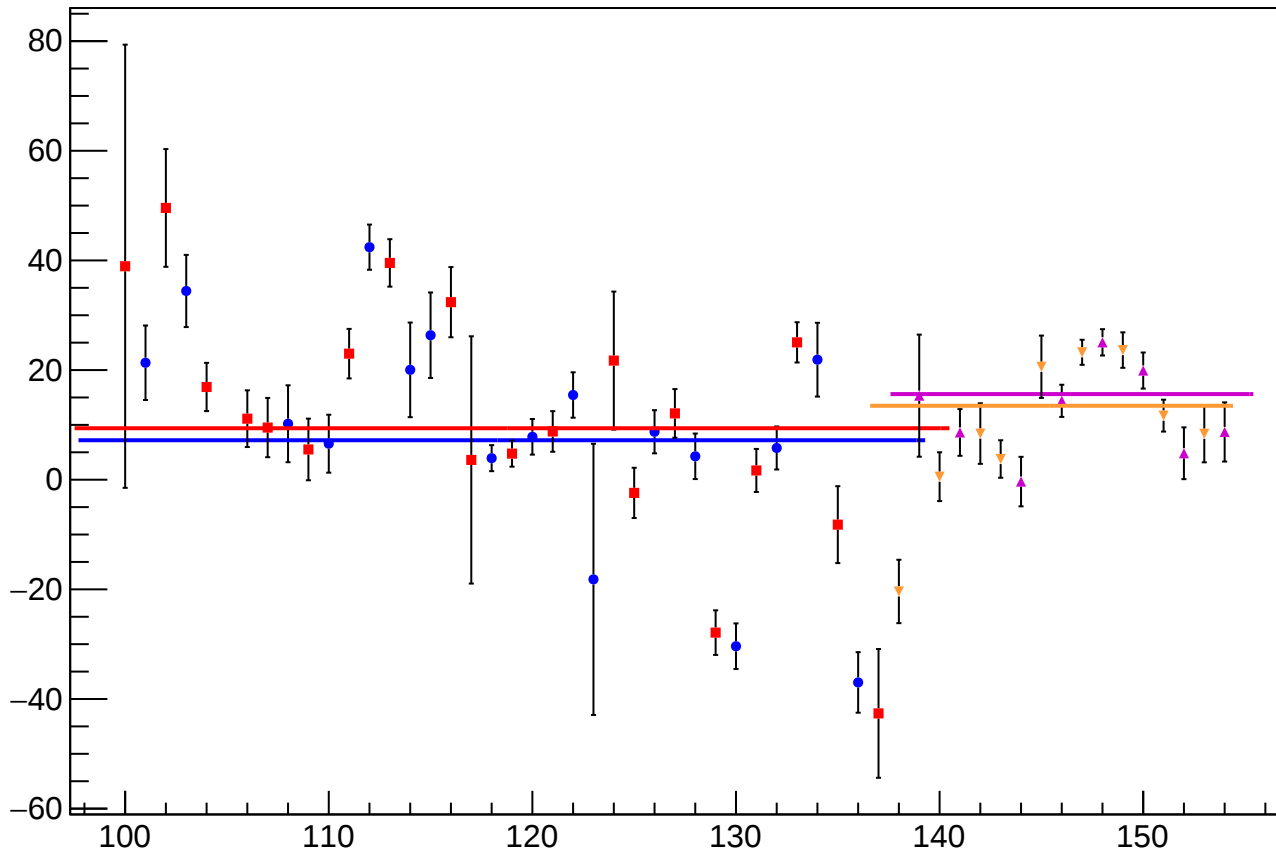
-267.884+/-1.907 χ^2/NDF : 2204.4/8

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 ± 1.103 χ^2/NDF : 260.9/16

Left Out: 13.487 ± 1.220 χ^2/NDF : 82.7/8

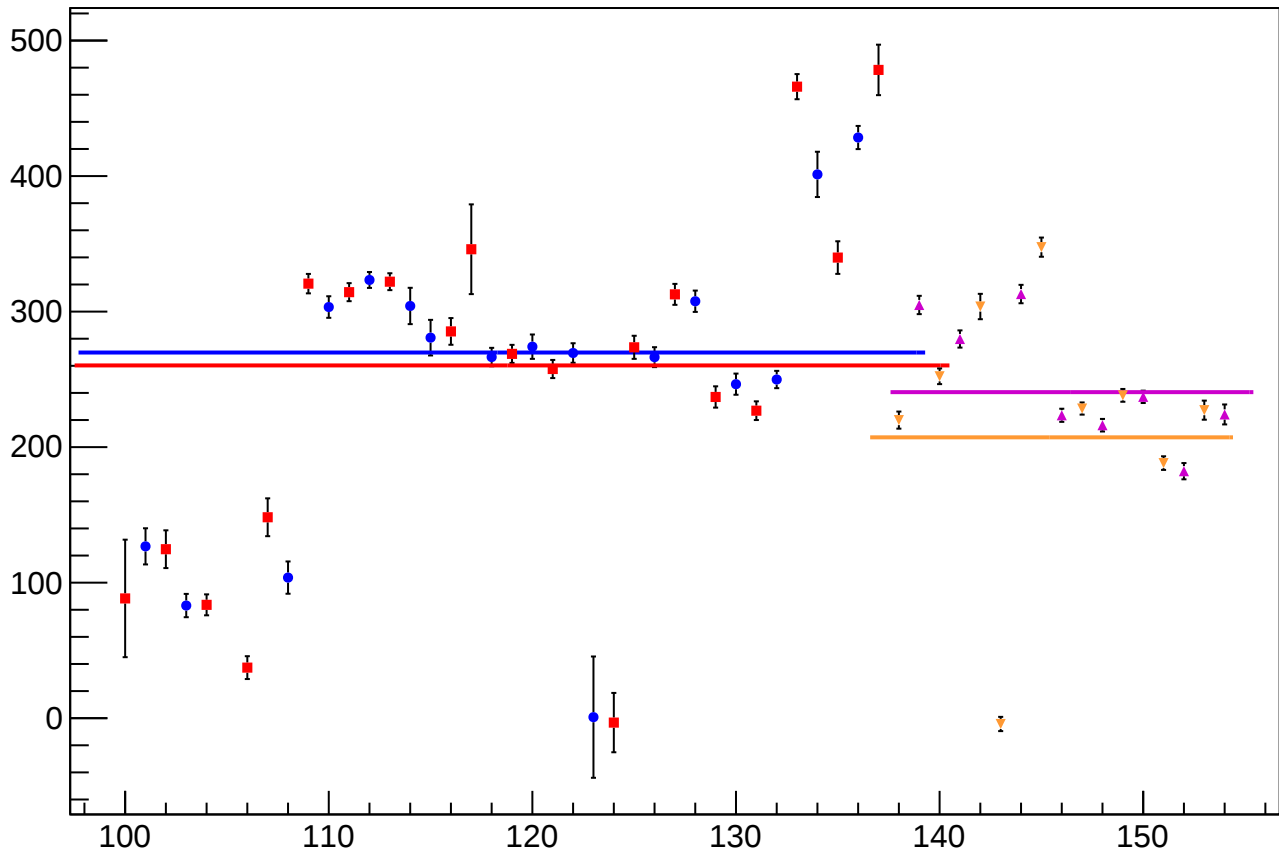
Right Out: 9.390 ± 1.070 χ^2/NDF : 232.2/19

Left In: 15.617 ± 1.321 χ^2/NDF : 39.4/7

10.027 ± 0.818 χ^2/NDF : 358.2/25

11.857 ± 0.831 χ^2/NDF : 285.0/27

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.806 $\pm$ 2.089 χ^2/NDF : 1374.1/16

Left Out: 207.223 $\pm$ 1.902 χ^2/NDF :2270.8/8

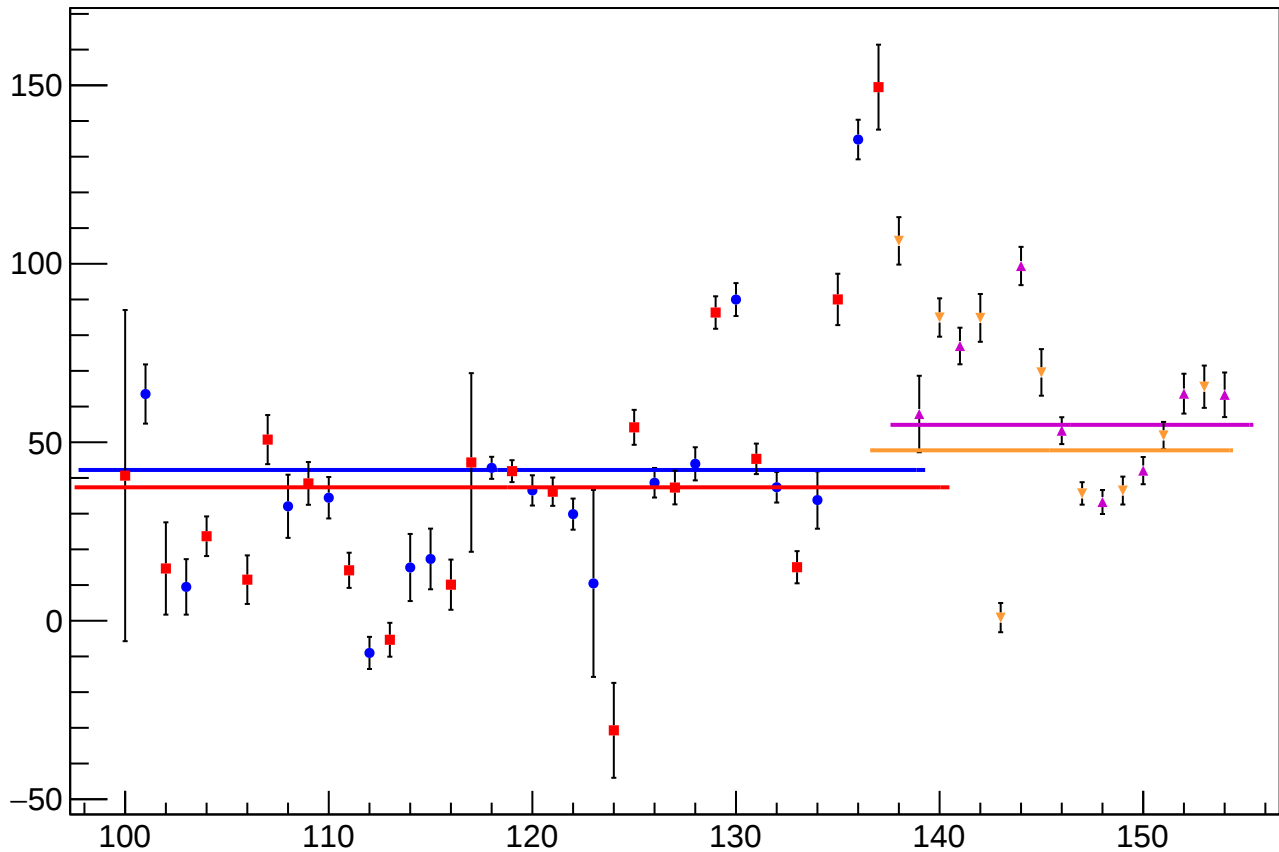
Right Out: 260.286 $\pm$ 1.973 χ^2/NDF : 2545.4/19

Left In: 240.573 $\pm$ 1.993 χ^2/NDF :382.7/7

235.583 $\pm$ 1.406 χ^2/NDF : 4135.7/25

250.526 $\pm$ 1.402 χ^2/NDF : 2977.4/27

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.242 ± 1.274 χ^2/NDF : 574.4/16

Left Out: 47.742 ± 1.530 χ^2/NDF : 332.4/8

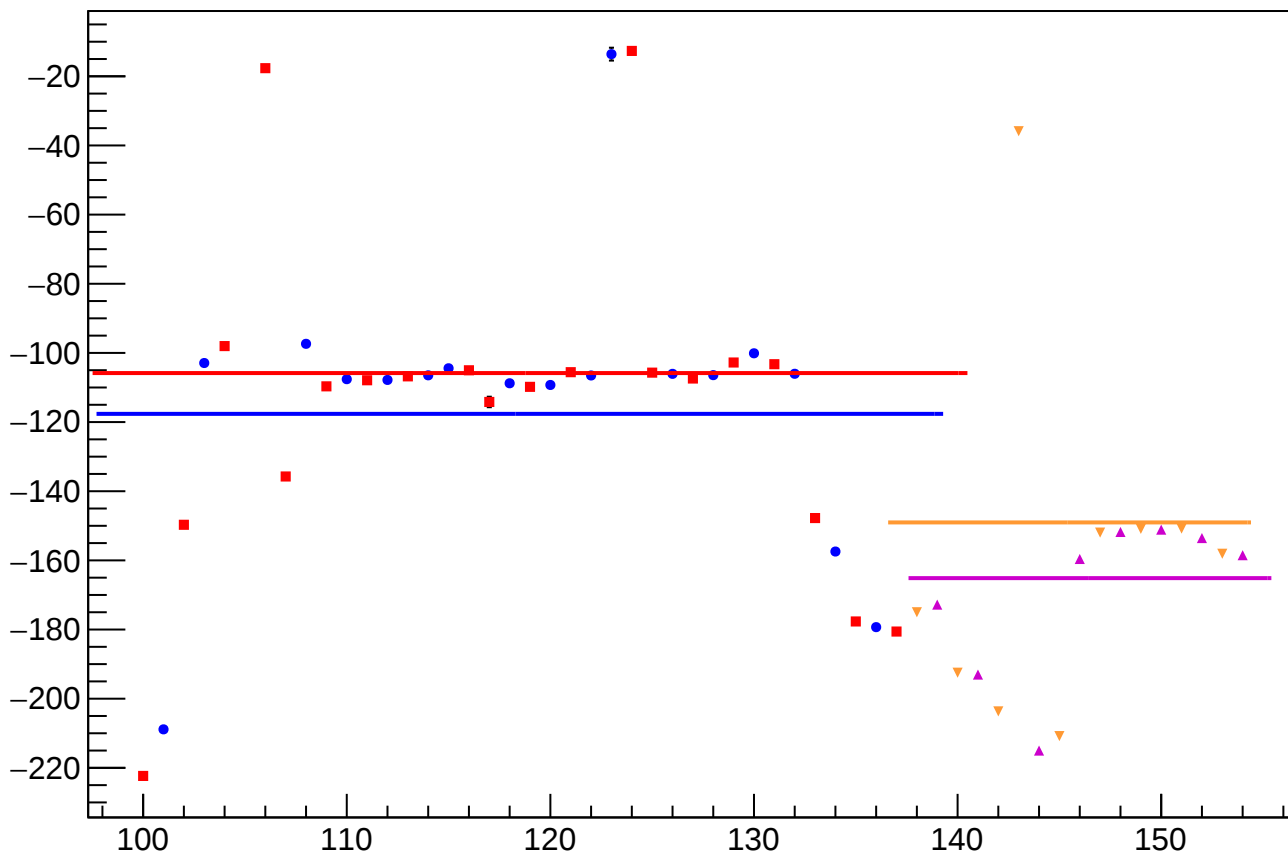
Right Out: 37.384 ± 1.233 χ^2/NDF : 472.4/19

Left In: 54.880 ± 1.650 χ^2/NDF : 144.8/7

44.493 ± 0.979 χ^2/NDF : 914.4/25

43.653 ± 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: -149.024+/-0.080 χ^2/NDF : 400914.8/8

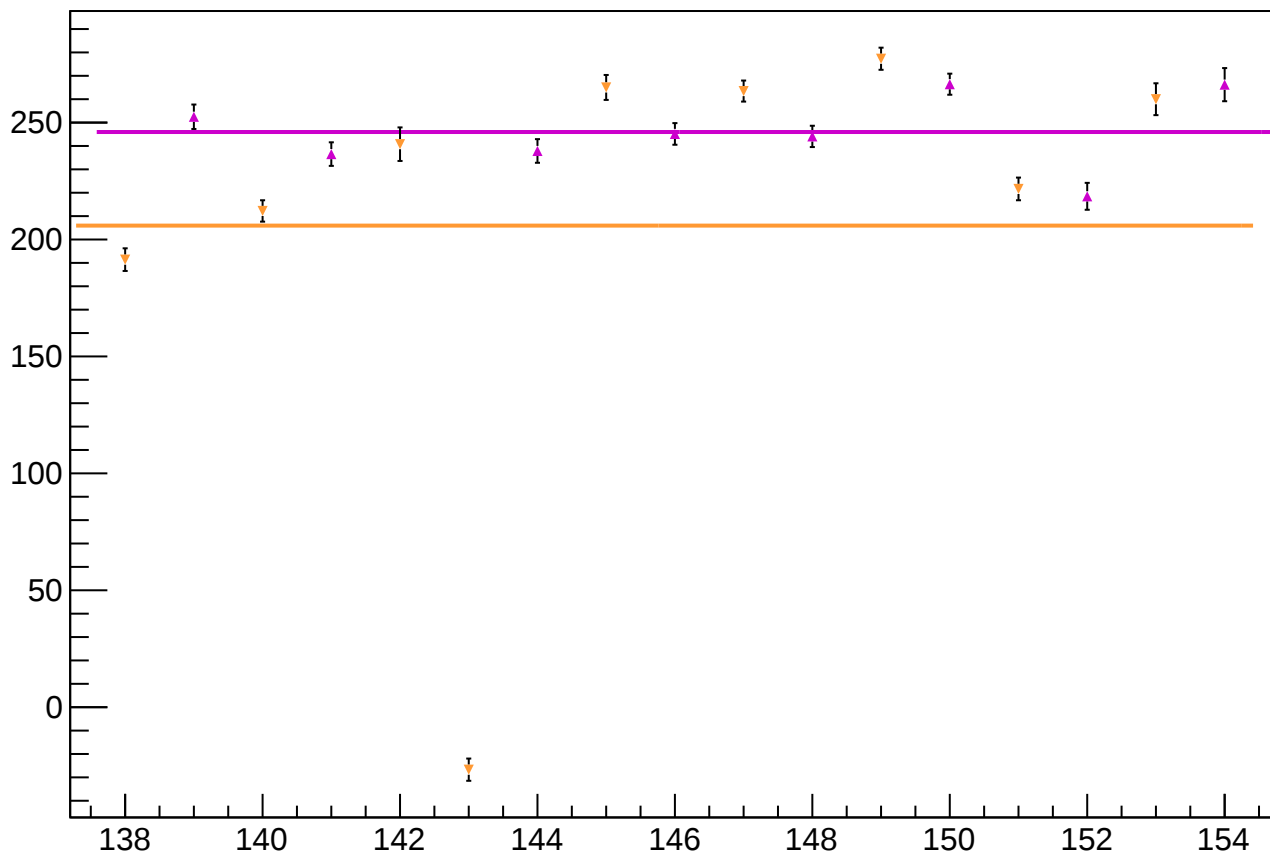
Right Out: -105.826+/-0.073 χ^2/NDF : 323138.4/19

Left In: -165.132+/-0.082 χ^2/NDF : 54334.0/7

-133.060+/-0.056 χ^2/NDF : 621379.4/25

-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: 205.946+/-1.697 χ^2/NDF : 3016.0/8

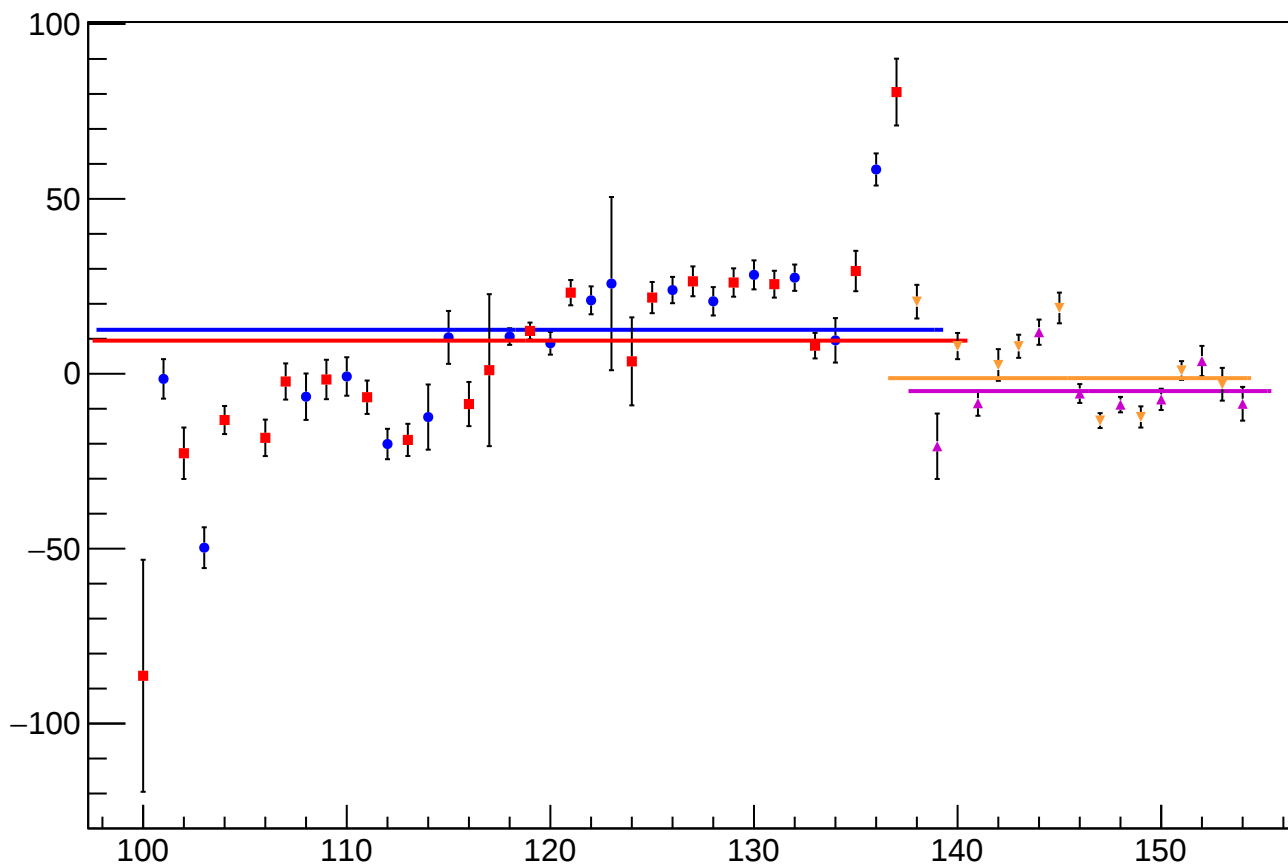
205.946+/-1.697 χ^2/NDF : 3016.0/8

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: -1.245+/-1.104 χ^2/NDF : 102.4/8

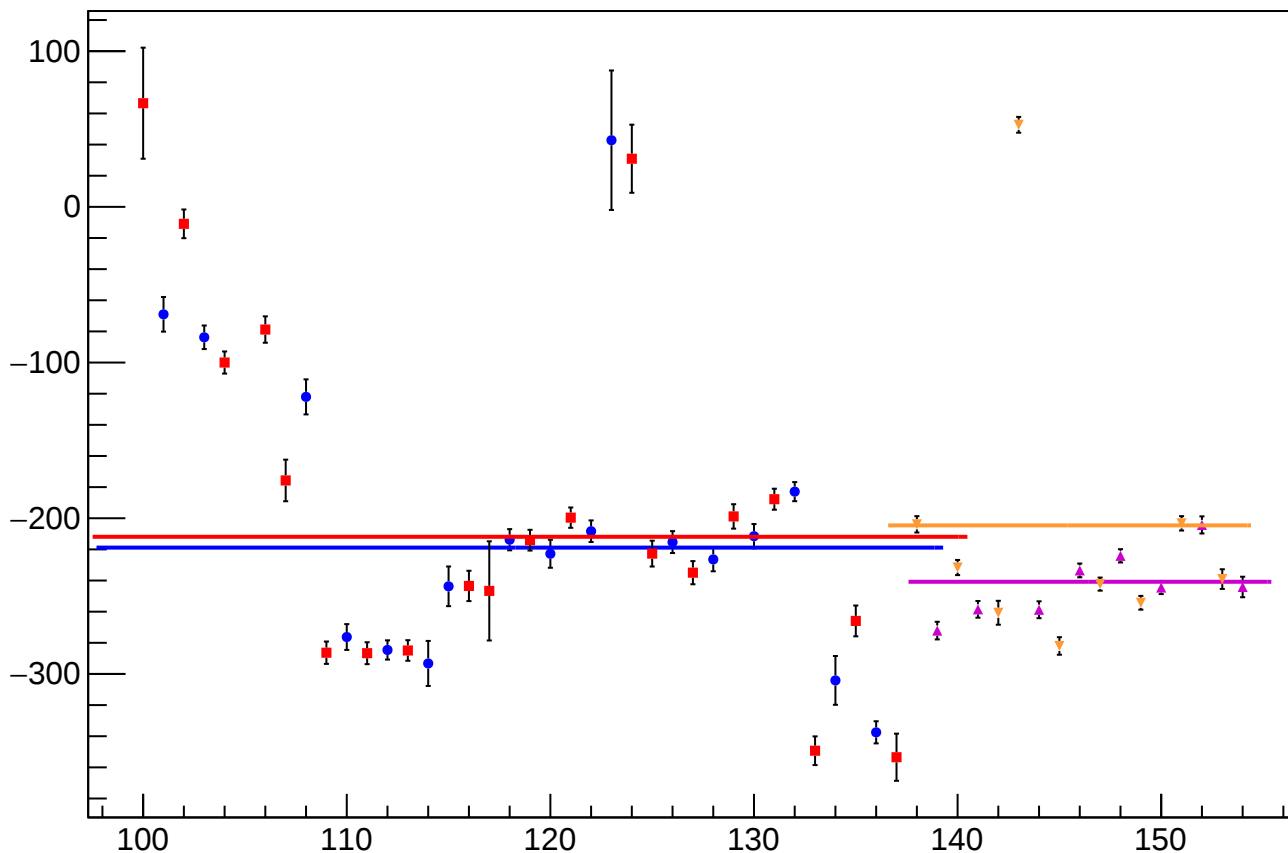
Right Out: 9.474+/-1.046 χ^2/NDF : 296.0/19

Left In: -4.950+/-1.185 χ^2/NDF : 33.8/7

5.854+/-0.770 χ^2/NDF : 530.9/25

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: -204.581 ± 1.702 $\chi^2/\text{NDF}: 3079.8/8$

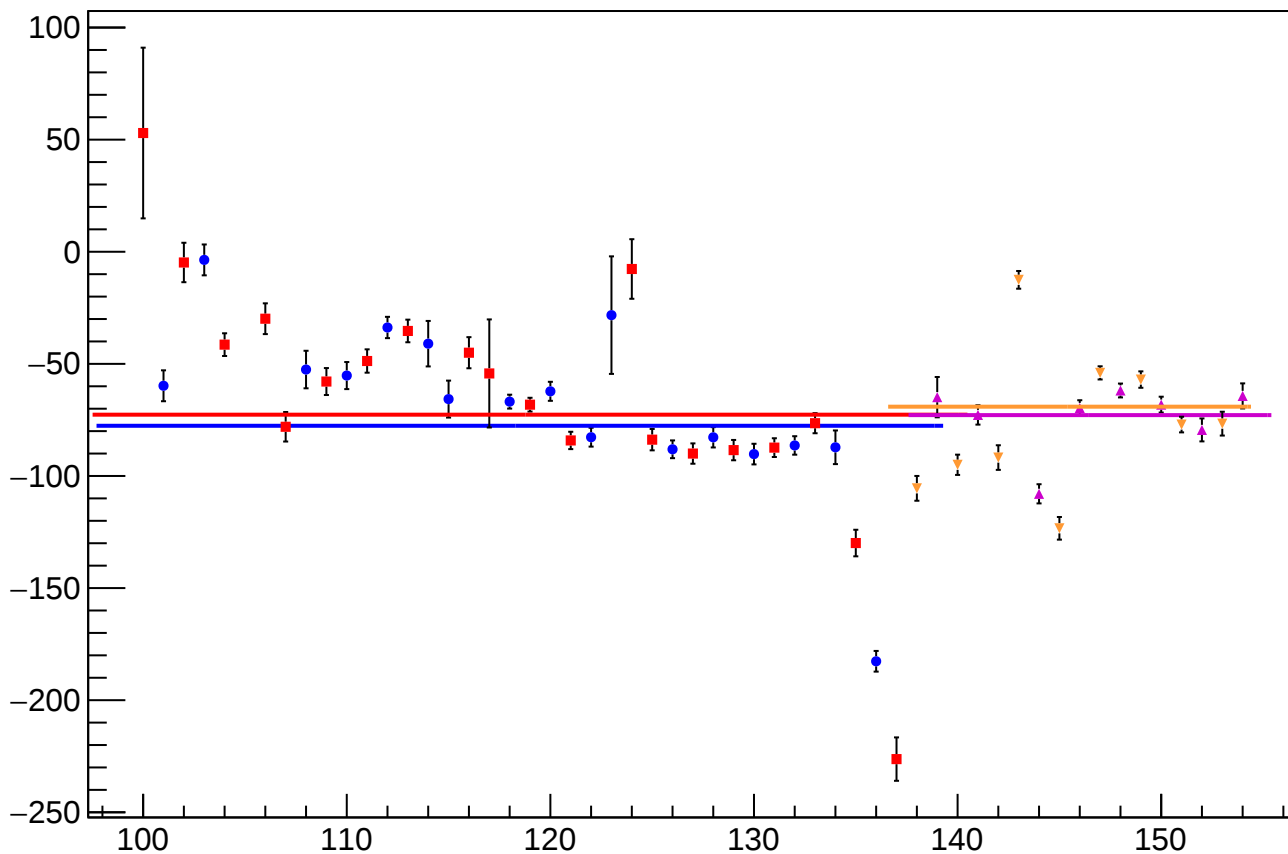
Right Out: -211.907 ± 1.920 $\chi^2/\text{NDF}: 1886.4/19$

Left In: -240.799 ± 1.772 $\chi^2/\text{NDF}: 115.5/7$

-210.497 ± 1.302 $\chi^2/\text{NDF}: 4255.5/25$

-227.509 ± 1.302 $\chi^2/\text{NDF}: 2124.1/27$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.612 ± 1.236 χ^2/NDF : 815.9/16

Left Out: -69.095 ± 1.379 χ^2/NDF : 458.2/8

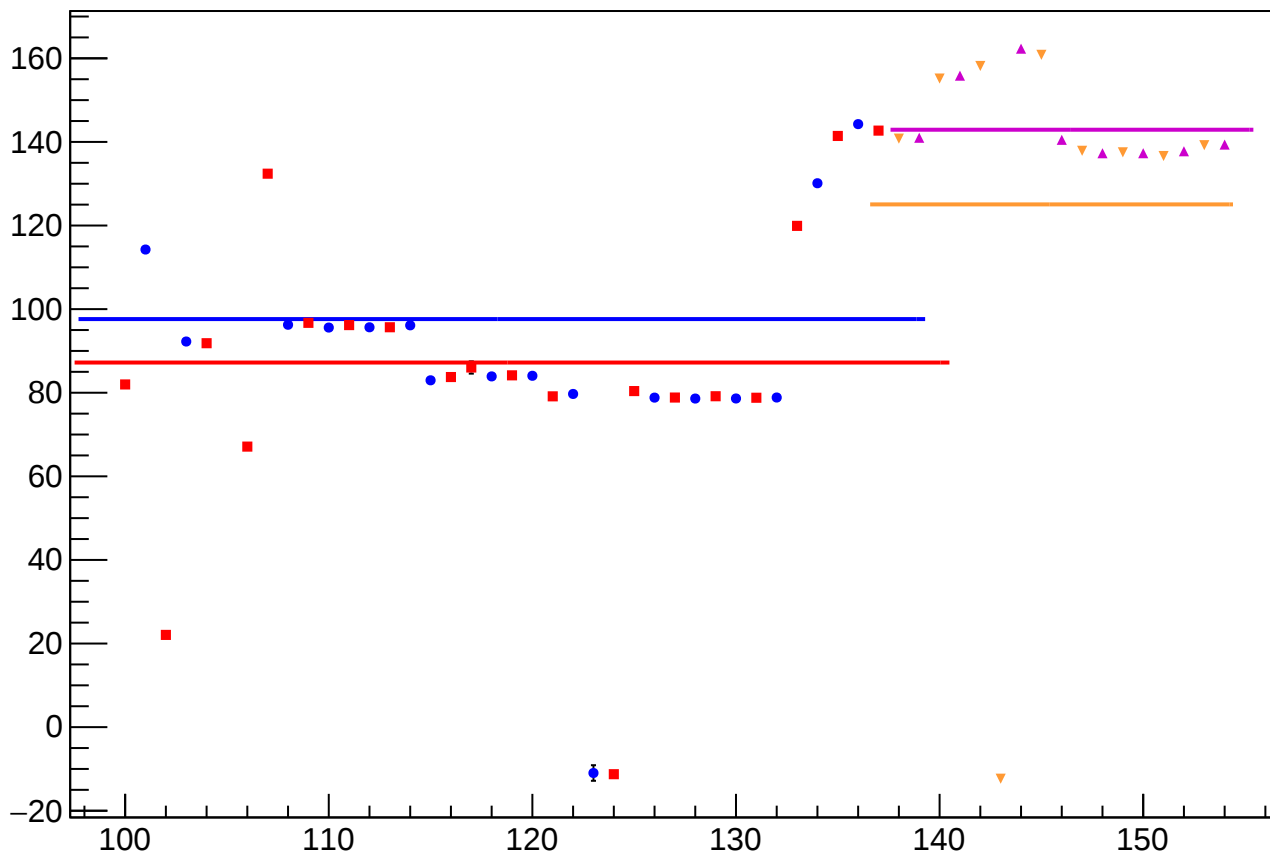
Right Out: -72.664 ± 1.205 χ^2/NDF : 672.0/19

Left In: -72.858 ± 1.475 χ^2/NDF : 87.4/7

-73.815 ± 0.921 χ^2/NDF : 1295.2/25

-72.742 ± 0.933 χ^2/NDF : 759.4/27

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.620 $\pm$ 0.074 χ^2 /NDF: 94045.2/16

Left Out: 125.055 $\pm$ 0.071 χ^2 /NDF: 536569.3/8

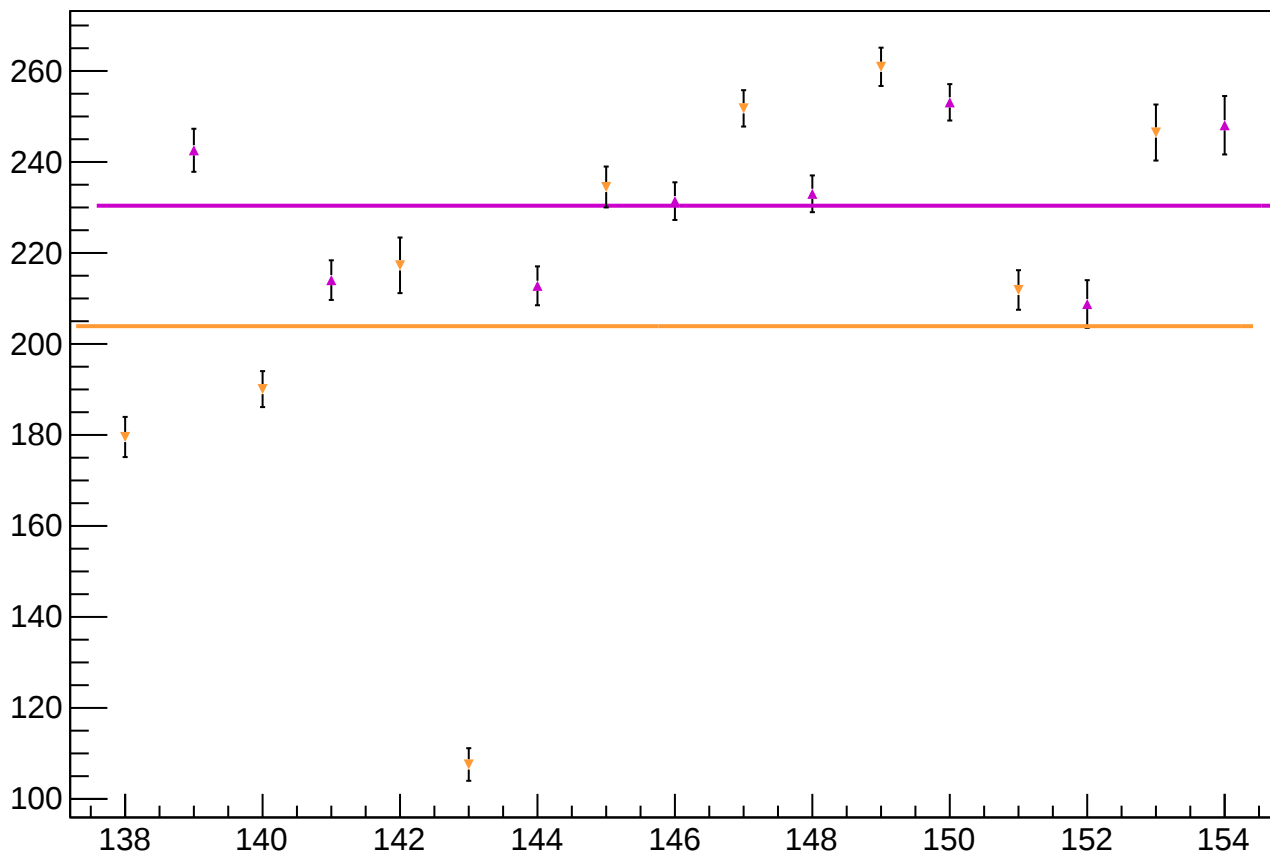
Right Out: 87.224 $\pm$ 0.068 χ^2 /NDF: 220851.2/19

Left In: 142.918 $\pm$ 0.073 χ^2 /NDF: 13231.2/7

111.812 $\pm$ 0.051 χ^2 /NDF: 702276.2/25

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

203.906+/-1.462 χ^2/NDF : 1193.9/8

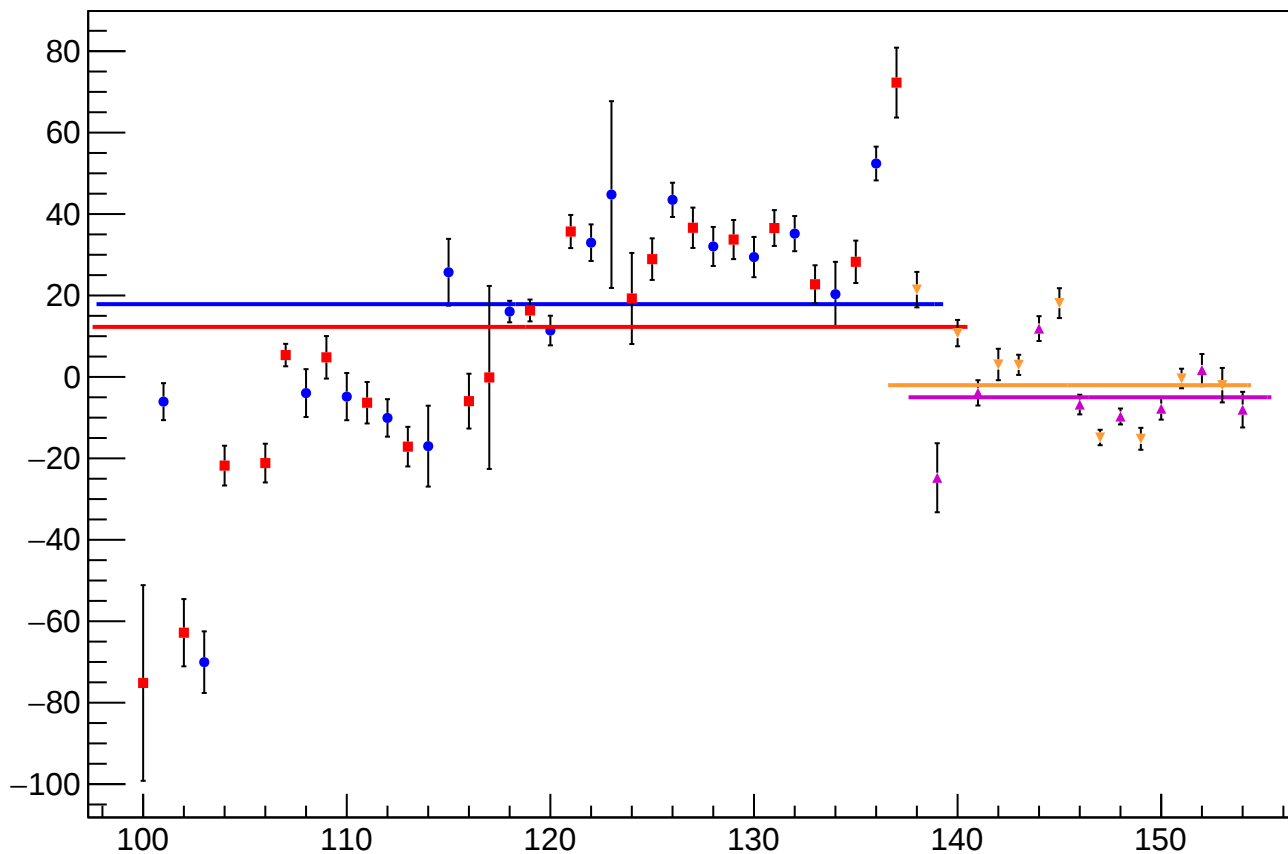
Left Out: 203.906+/-1.462 χ^2/NDF : 1193.9/8

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

230.387+/-1.591 χ^2/NDF : 95.0/7

Left In: 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 ± 1.166 χ^2/NDF : 395.3/16

Left Out: -2.024 ± 0.954 χ^2/NDF : 151.0/8

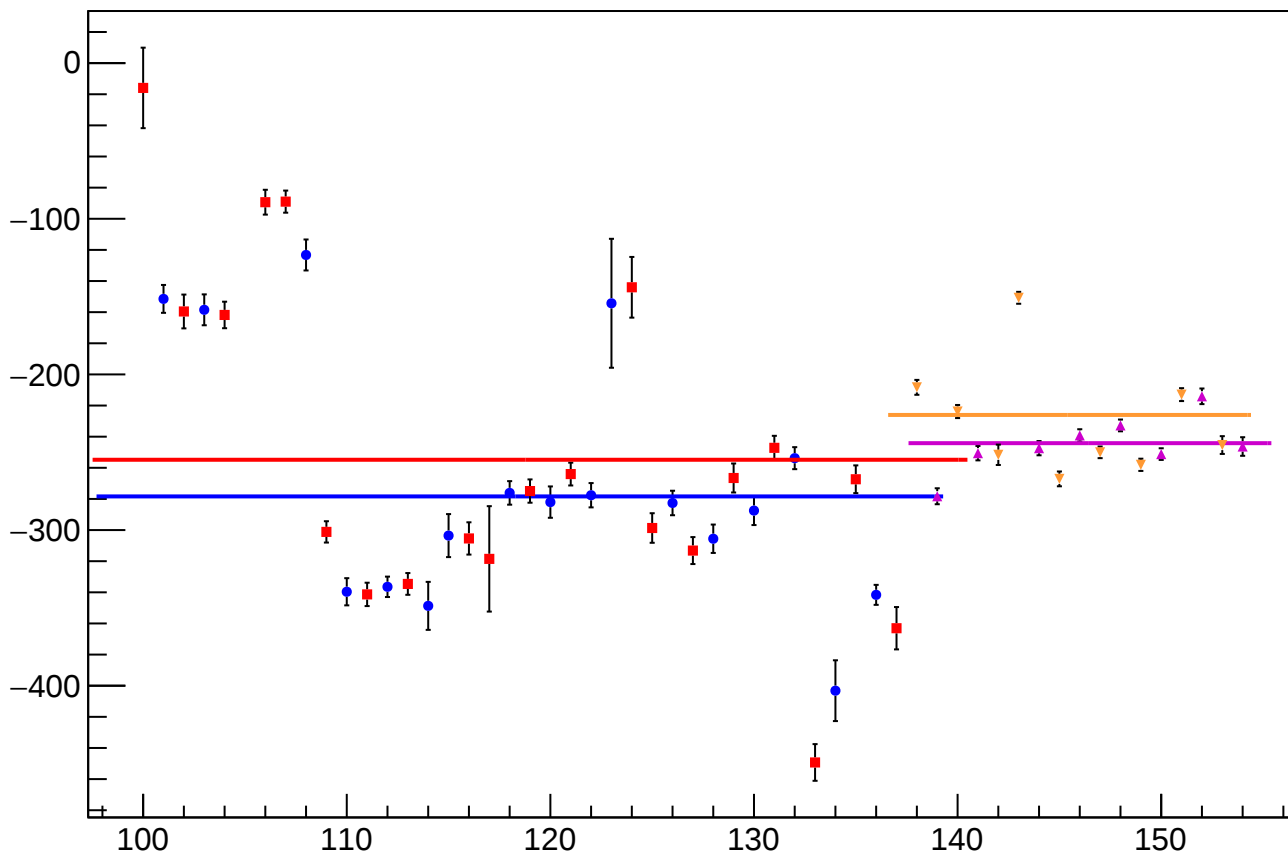
Right Out: 12.288 ± 1.082 χ^2/NDF : 444.4/19

Left In: -4.998 ± 1.047 χ^2/NDF : 46.9/7

5.954 ± 0.738 χ^2/NDF : 720.8/25

3.363 ± 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 $\chi^2/\text{NDF}: 910.6/16$

Left Out: -226.035 ± 1.473 $\chi^2/\text{NDF}: 619.7/8$

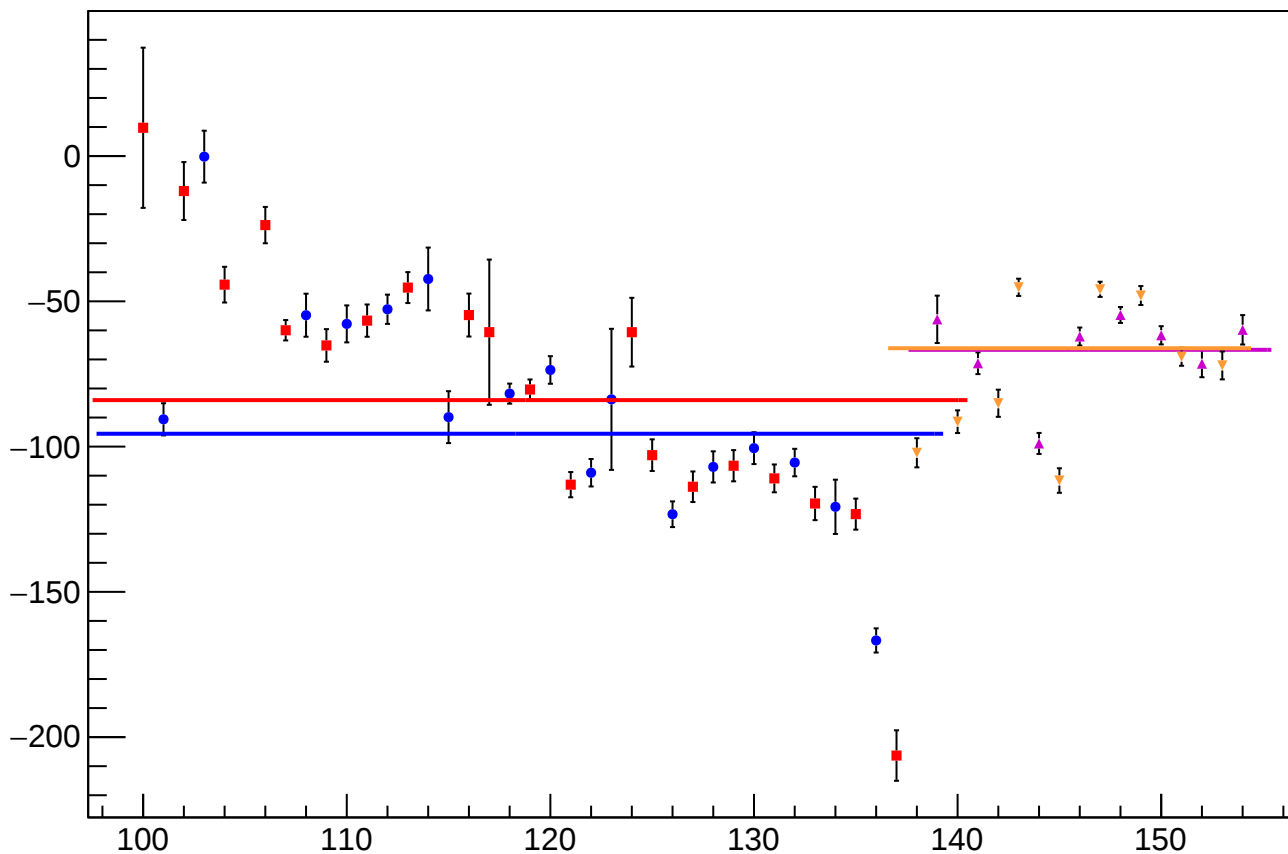
Right Out: -254.830 ± 2.016 $\chi^2/\text{NDF}: 2041.0/19$

Left In: -244.170 ± 1.571 $\chi^2/\text{NDF}: 97.0/7$

-242.389 ± 1.221 $\chi^2/\text{NDF}: 1924.9/25$

-248.196 ± 1.239 $\chi^2/\text{NDF}: 2155.4/27$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.576 ± 1.340 $\chi^2/\text{NDF}: 671.2/16$

Left Out: -66.143 ± 1.189 $\chi^2/\text{NDF}: 369.7/8$

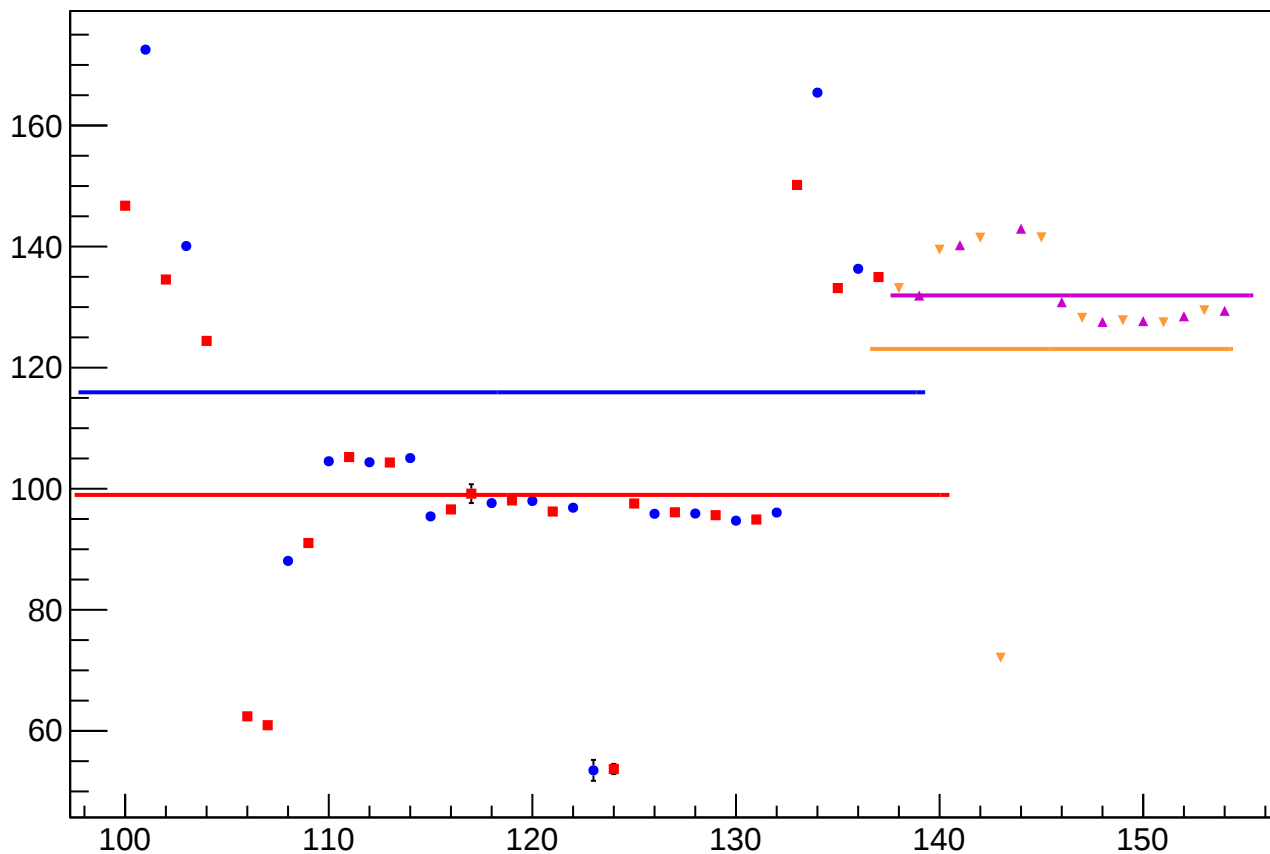
Right Out: -84.003 ± 1.255 $\chi^2/\text{NDF}: 784.1/19$

Left In: -66.687 ± 1.304 $\chi^2/\text{NDF}: 109.4/7$

-79.102 ± 0.889 $\chi^2/\text{NDF}: 1310.8/25$

-75.673 ± 0.904 $\chi^2/\text{NDF}: 985.1/27$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.927 $\pm$ 0.078 χ^2 /NDF: 105791.4/16

Left Out: 123.090 $\pm$ 0.062 χ^2 /NDF:138980.7/8

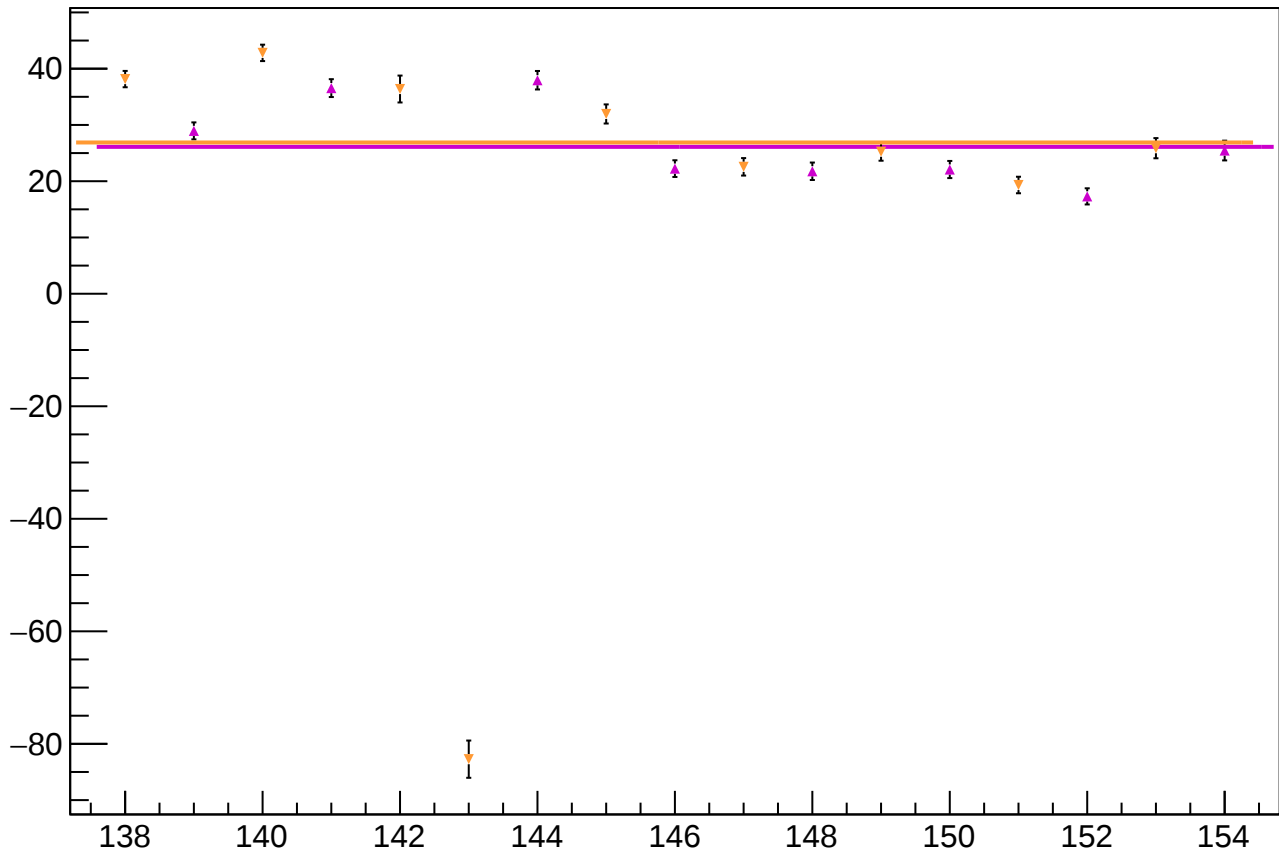
Right Out: 98.982 $\pm$ 0.068 χ^2 /NDF: 172974.2/19

Left In: 131.932 $\pm$ 0.065 χ^2 /NDF:6927.6/7

120.360 $\pm$ 0.048 χ^2 /NDF: 249934.9/25

116.408 $\pm$ 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: 26.885+/-0.565 χ^2/NDF :1335.9/8

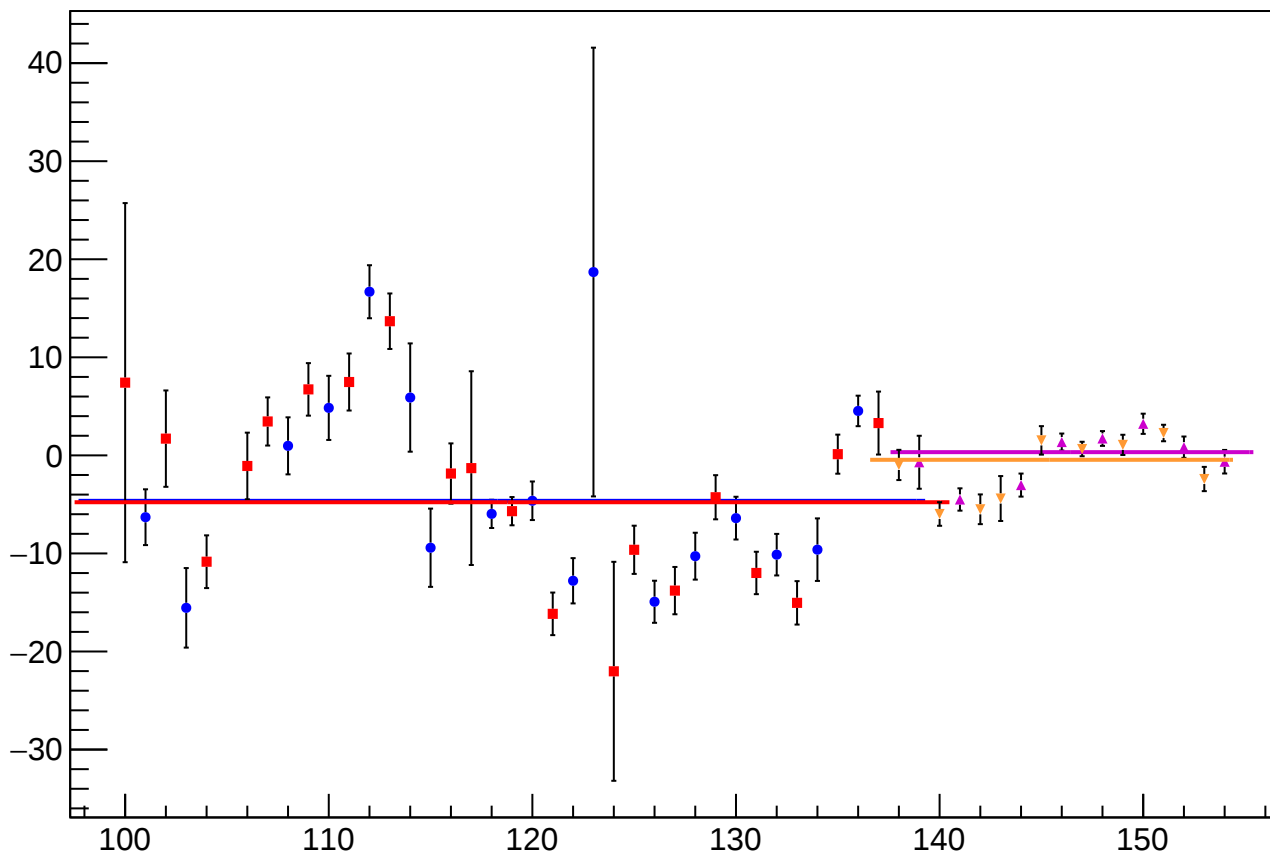
26.885+/-0.565 χ^2/NDF : 1335.9/8

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 $\pm$ 0.588 χ^2 /NDF: 174.4/16

Left Out: -0.451 $\pm$ 0.376 χ^2 /NDF: 54.6/8

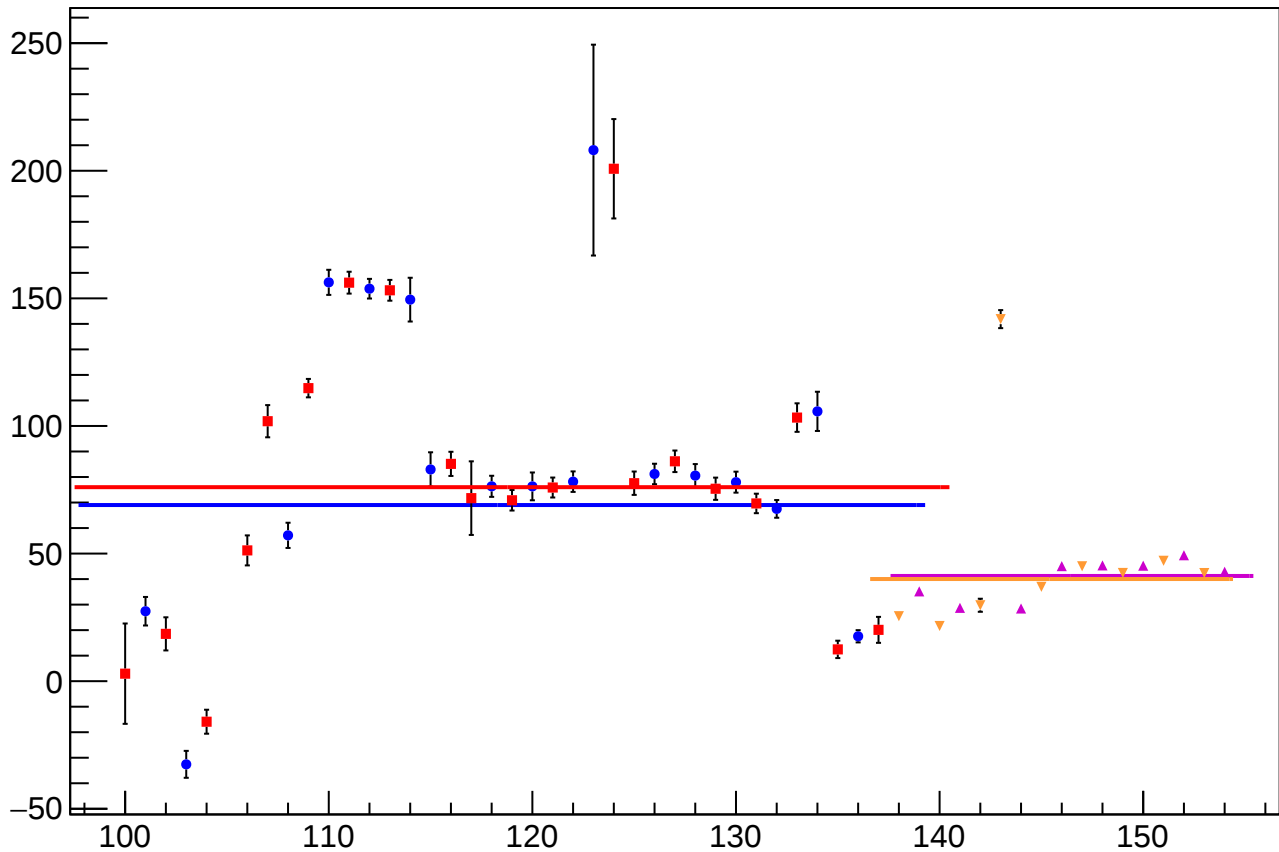
Right Out: -4.779 $\pm$ 0.583 χ^2 /NDF: 192.7/19

Left In: 0.329 $\pm$ 0.373 χ^2 /NDF: 39.9/7

-1.669 $\pm$ 0.317 χ^2 /NDF: 265.0/25

-1.150 $\pm$ 0.314 χ^2 /NDF: 287.0/27

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.019 $\pm$ 1.083 χ^2/NDF : 1848.0/16

Left Out: 40.028 $\pm$ 0.563 χ^2/NDF :1117.6/8

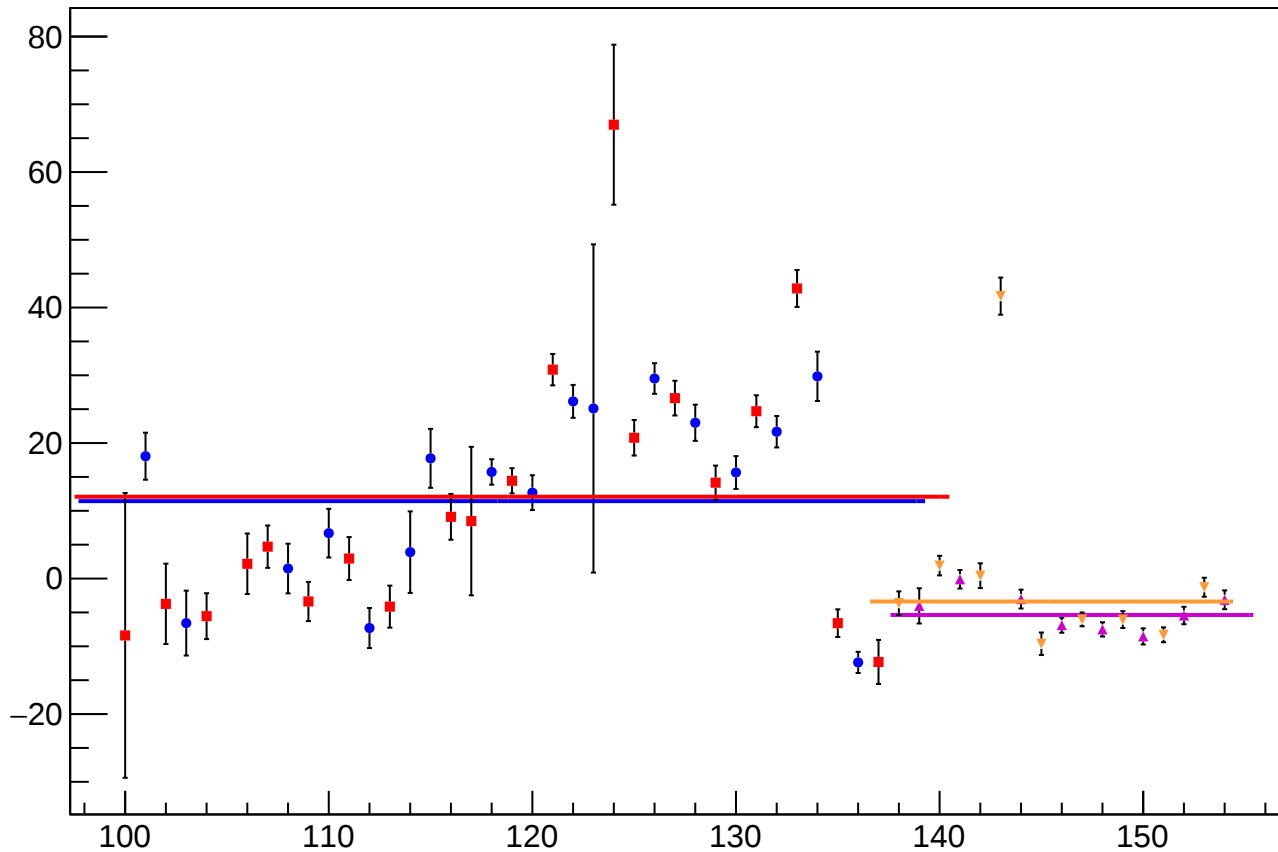
Right Out: 76.017 $\pm$ 1.067 χ^2/NDF : 1882.0/19

Left In: 41.226 $\pm$ 0.541 χ^2/NDF :180.3/7

46.191 $\pm$ 0.500 χ^2/NDF : 3529.5/25

48.346 $\pm$ 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: -3.388 $\pm$ 0.468 χ^2/NDF : 335.8/8

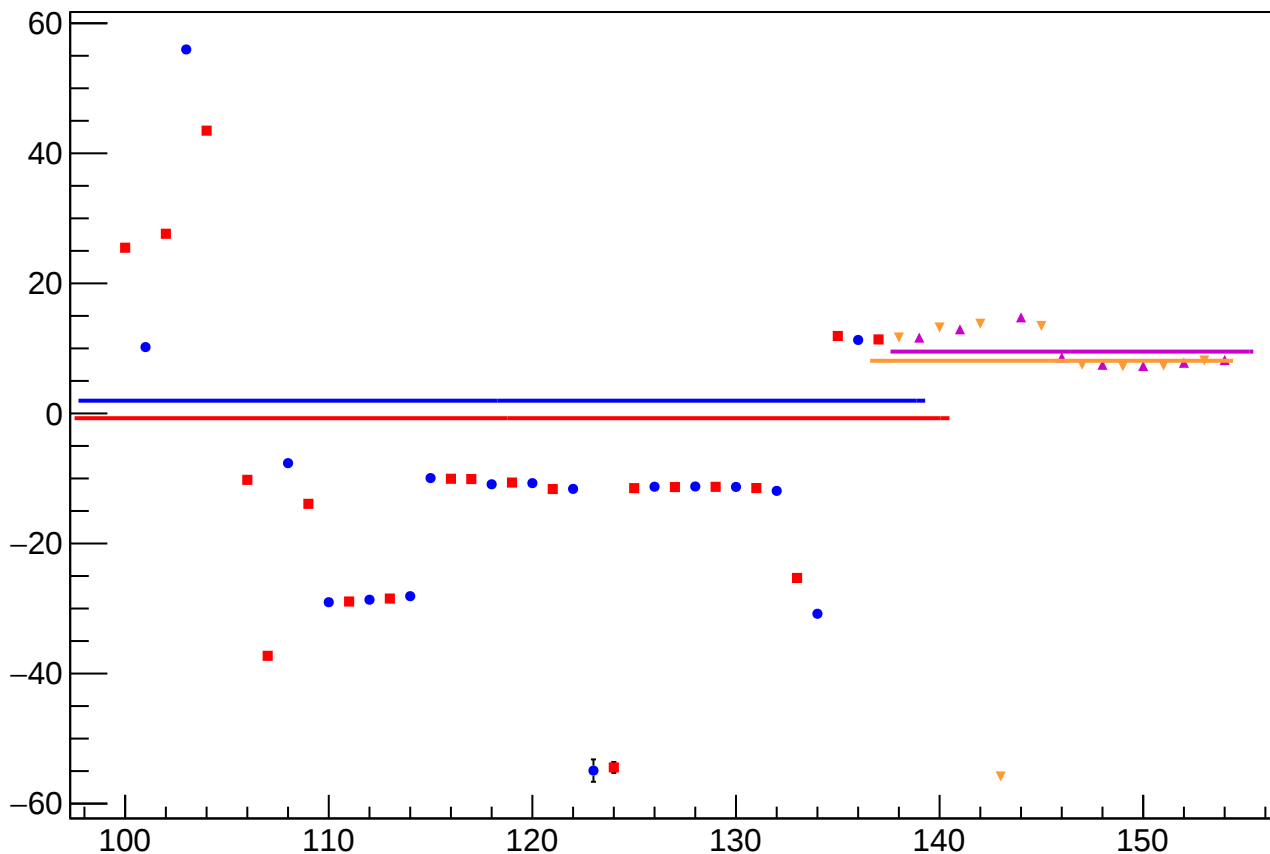
Right Out: 12.082 $\pm$ 0.663 χ^2/NDF : 539.2/19

Left In: -5.373 $\pm$ 0.459 χ^2/NDF : 33.6/7

1.515 $\pm$ 0.383 χ^2/NDF : 1144.2/25

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: 8.099+/-0.023 χ^2/NDF :222423.0/8

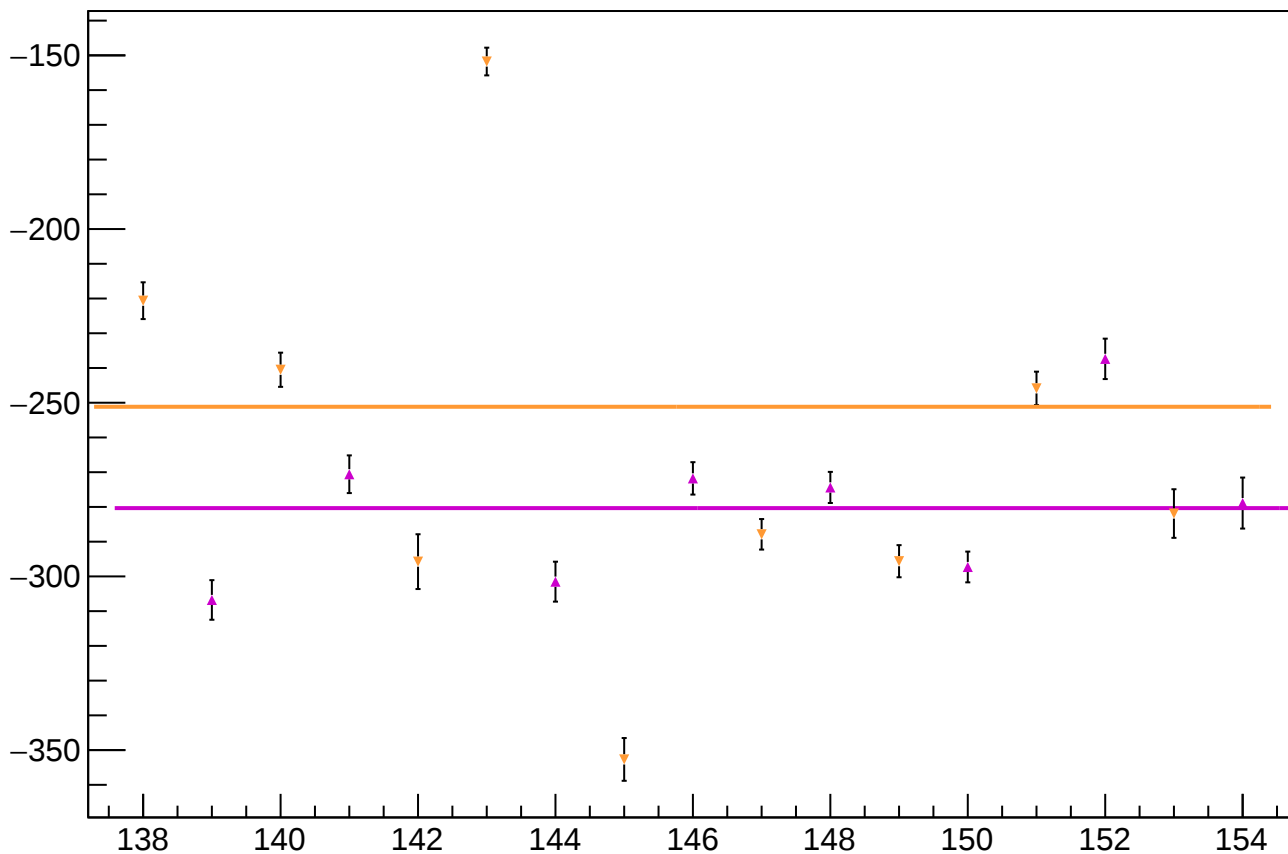
Right Out: -0.733+/-0.037 χ^2/NDF : 361368.4/19

Left In: 9.508+/-0.022 χ^2/NDF :12707.9/7

6.366+/-0.020 χ^2/NDF : 600482.1/25

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: -251.162+/-1.704 χ^2/NDF : 1145.3/8

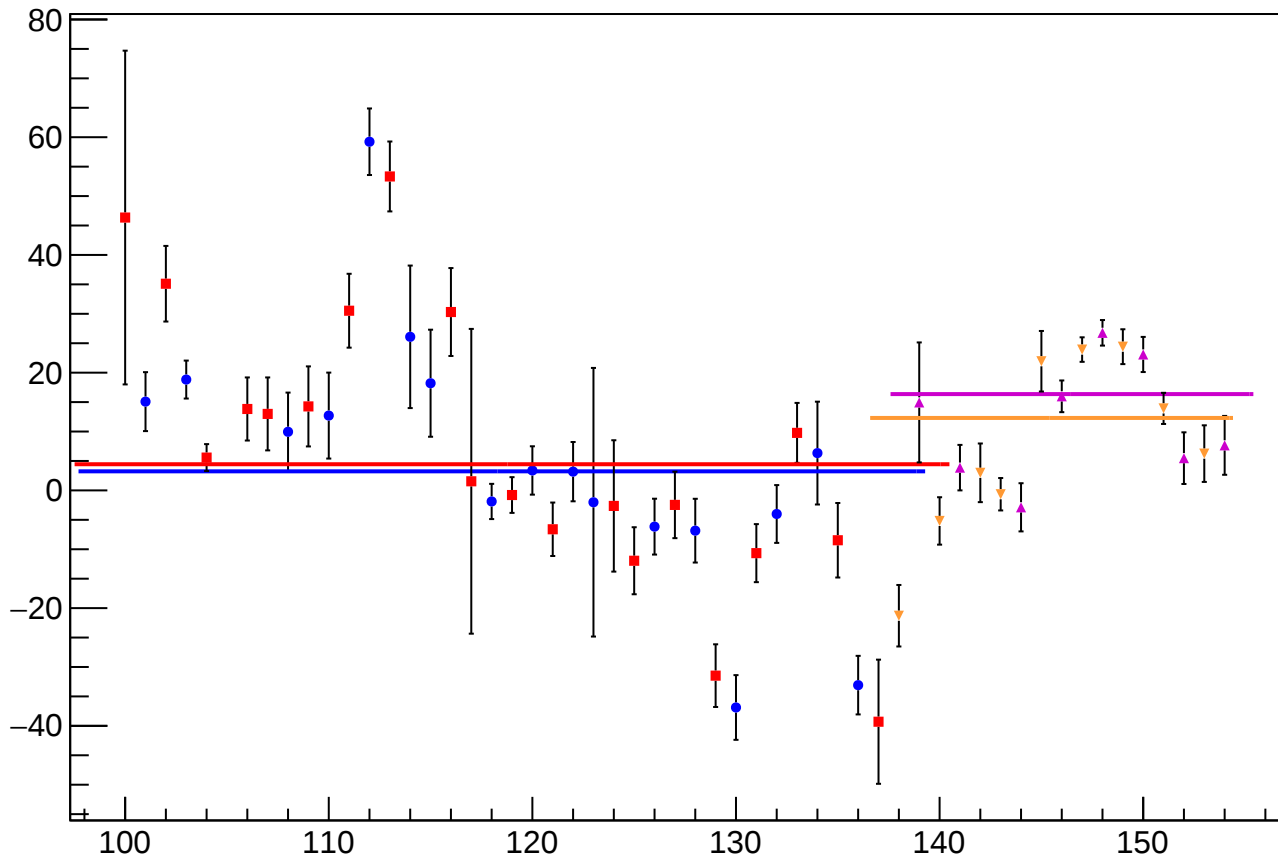
-251.162+/-1.704 χ^2/NDF : 1145.3/8

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

Left In: -280.339+/-1.857 χ^2/NDF : 112.7/7

-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: 12.308 ± 1.092 χ^2/NDF : 139.2/8

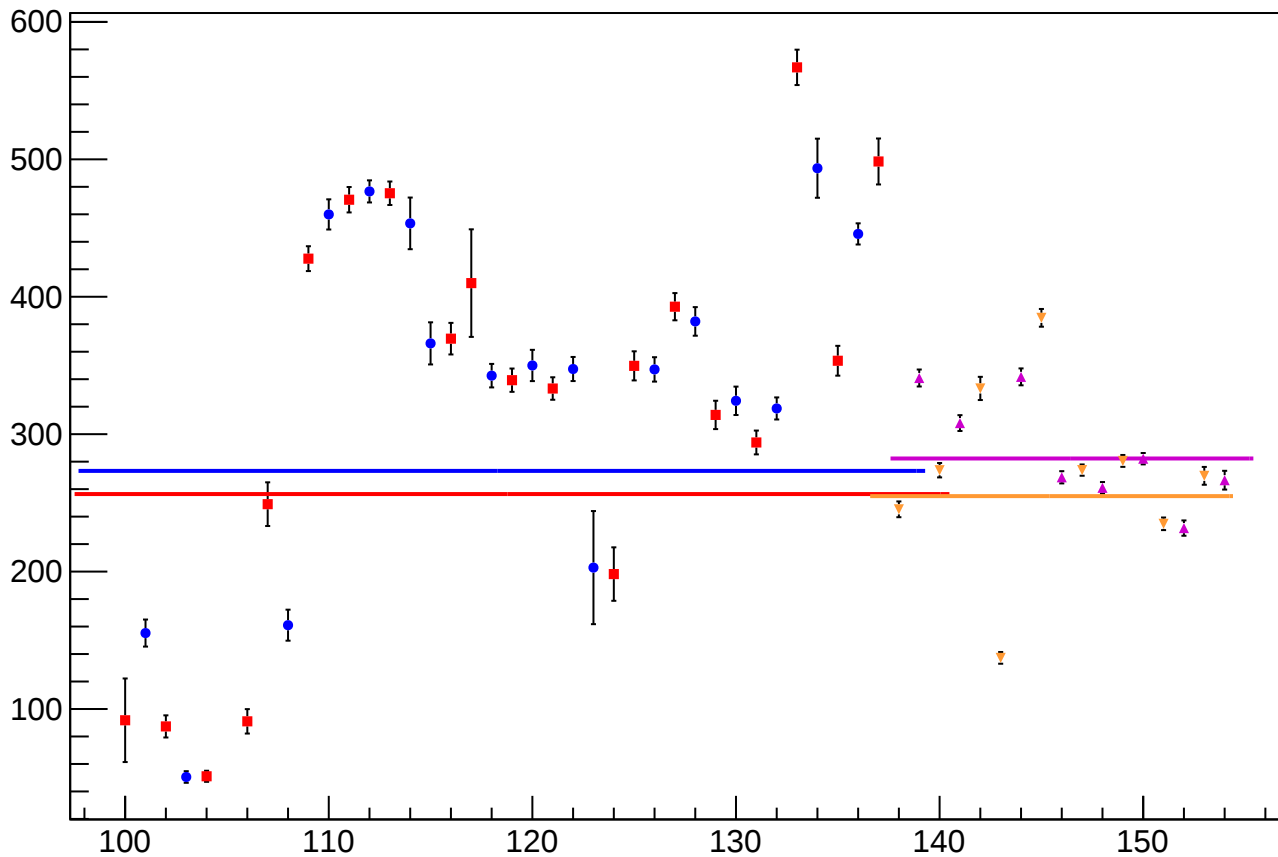
Right Out: 4.444 ± 1.156 χ^2/NDF : 225.8/19

Left In: 16.360 ± 1.203 χ^2/NDF : 69.9/7

8.361 ± 0.820 χ^2/NDF : 424.6/25

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 $\chi^2/\text{NDF}: 5101.5/16$

Left Out: 254.916 ± 1.704 $\chi^2/\text{NDF}: 1350.8/8$

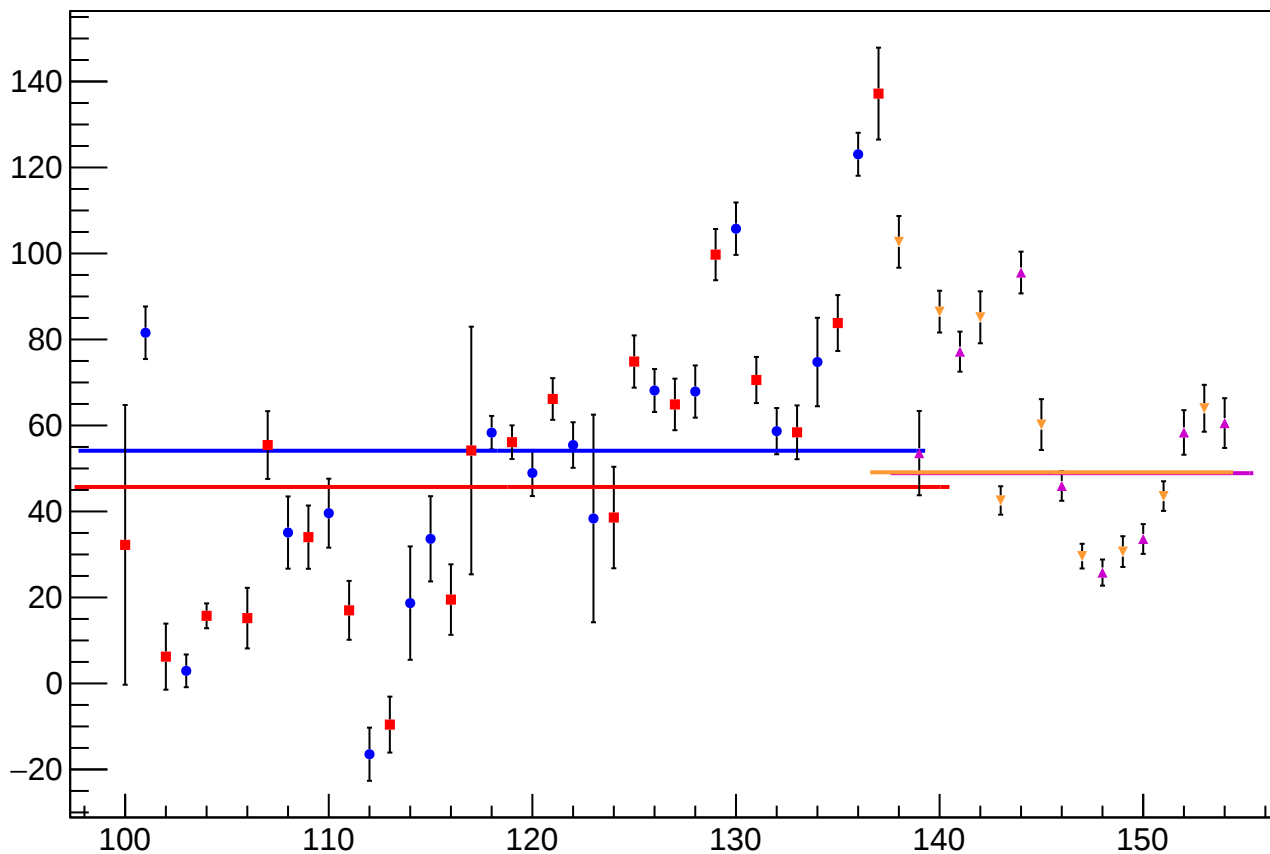
Right Out: 256.418 ± 2.077 $\chi^2/\text{NDF}: 6453.9/19$

Left In: 282.298 ± 1.820 $\chi^2/\text{NDF}: 326.3/7$

261.784 ± 1.348 $\chi^2/\text{NDF}: 6495.8/25$

271.056 ± 1.369 $\chi^2/\text{NDF}: 6868.0/27$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.119 $\pm$ 1.438 χ^2/NDF : 633.9/16

Left Out: 49.103 $\pm$ 1.367 χ^2/NDF : 264.3/8

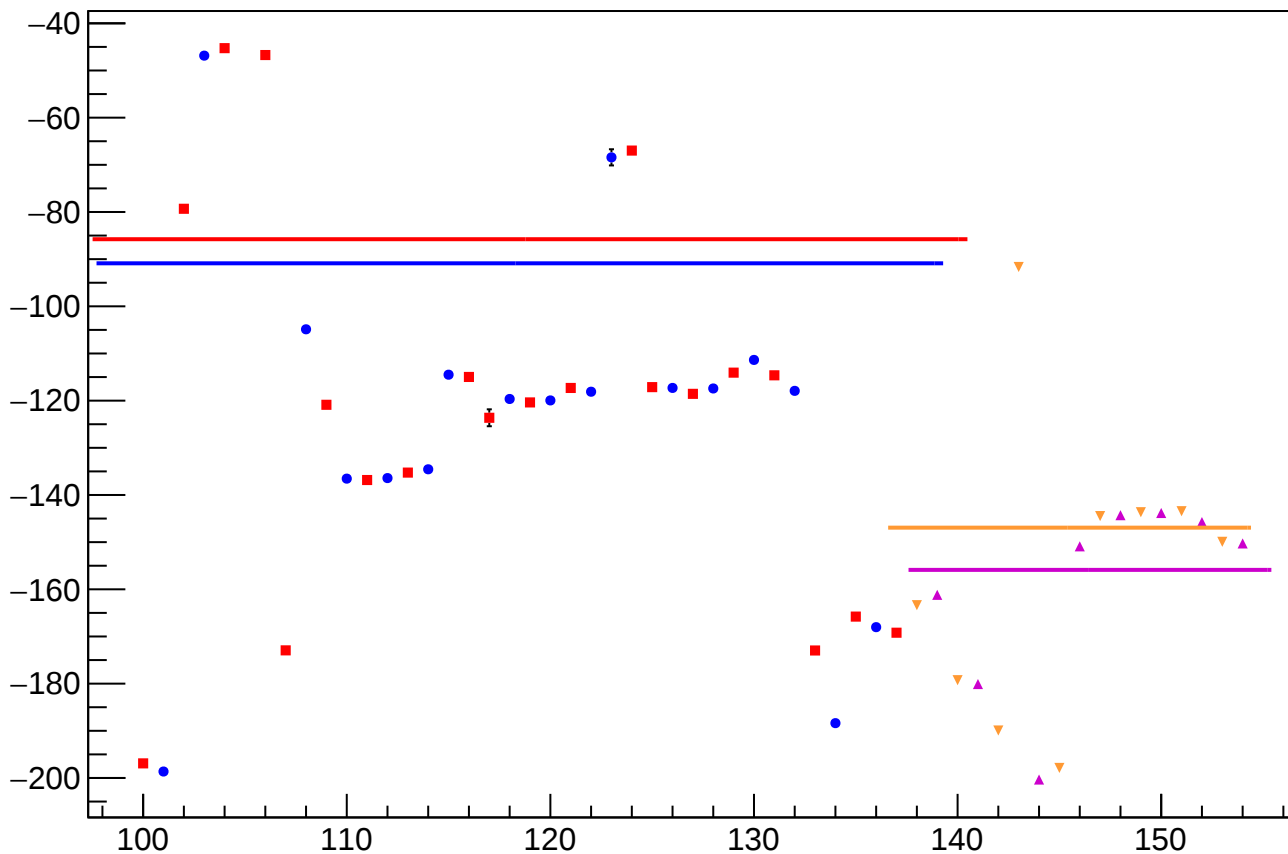
Right Out: 45.694 $\pm$ 1.356 χ^2/NDF : 531.1/19

Left In: 48.901 $\pm$ 1.505 χ^2/NDF : 215.1/7

51.485 $\pm$ 0.991 χ^2/NDF : 904.6/25

47.131 $\pm$ 1.007 χ^2/NDF : 748.7/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -90.881+/-0.068 χ^2/NDF : 533423.8/16

Left Out: -146.927+/-0.072 χ^2/NDF : 186662.7/8

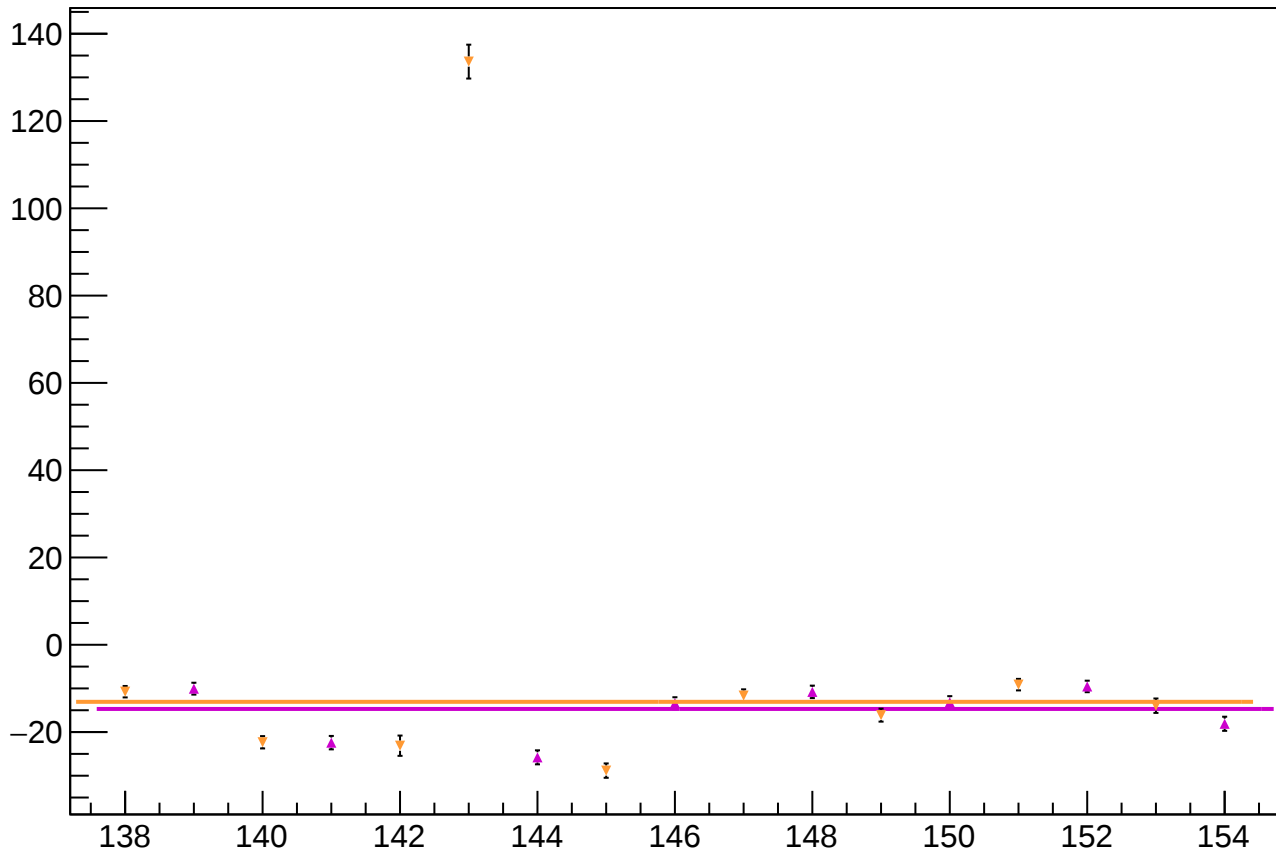
Right Out: -85.772+/-0.065 χ^2/NDF : 494629.5/19

Left In: -155.880+/-0.075 χ^2/NDF : 50627.0/7

-117.388+/-0.049 χ^2/NDF : 1043710.1/25

-115.848+/-0.049 χ^2/NDF : 1043985.4/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.071 $\pm$ 0.529 χ^2/NDF :1599.2/8

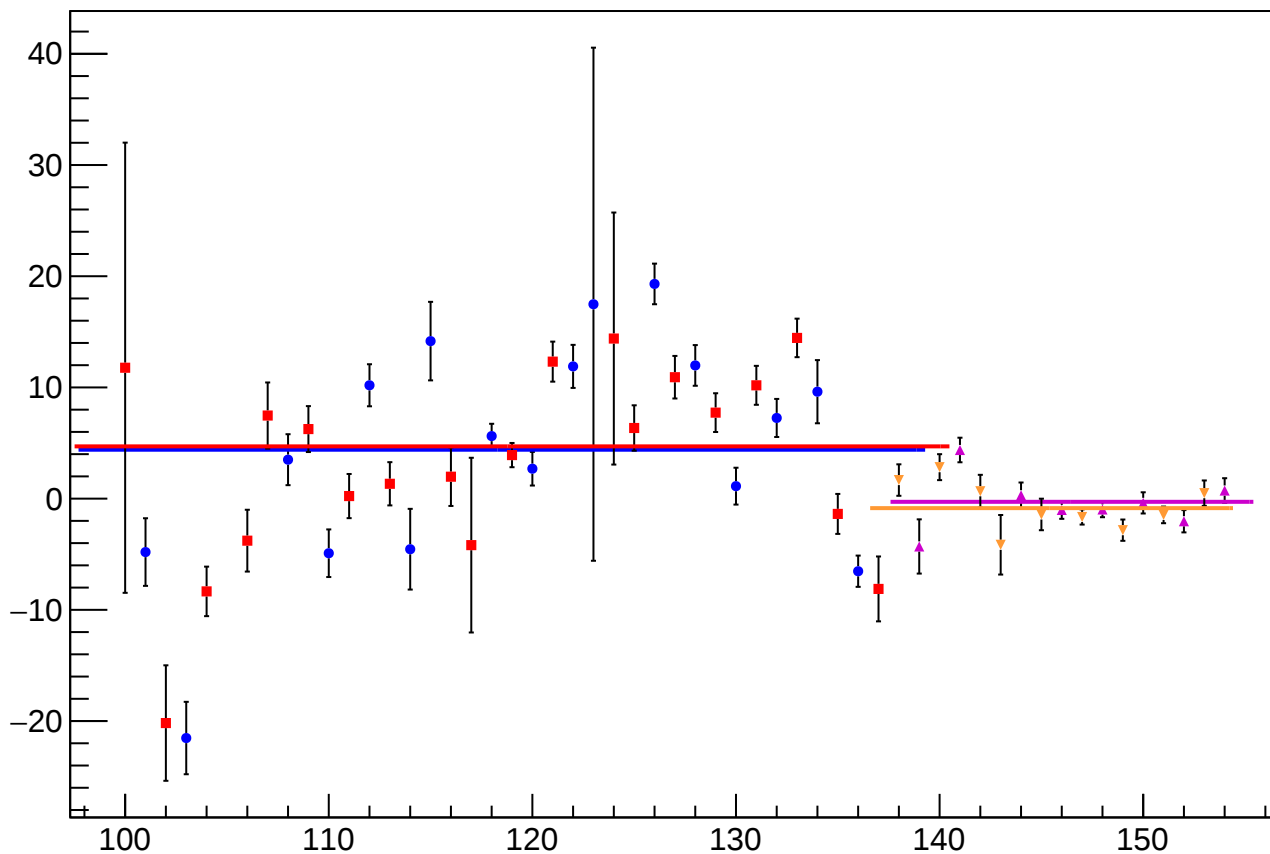
-13.071 $\pm$ 0.529 χ^2/NDF : 1599.2/8

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

Left In: -14.704 $\pm$ 0.511 χ^2/NDF :113.5/7

-14.704 $\pm$ 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: -0.854 ± 0.351 χ^2/NDF : 23.6/8

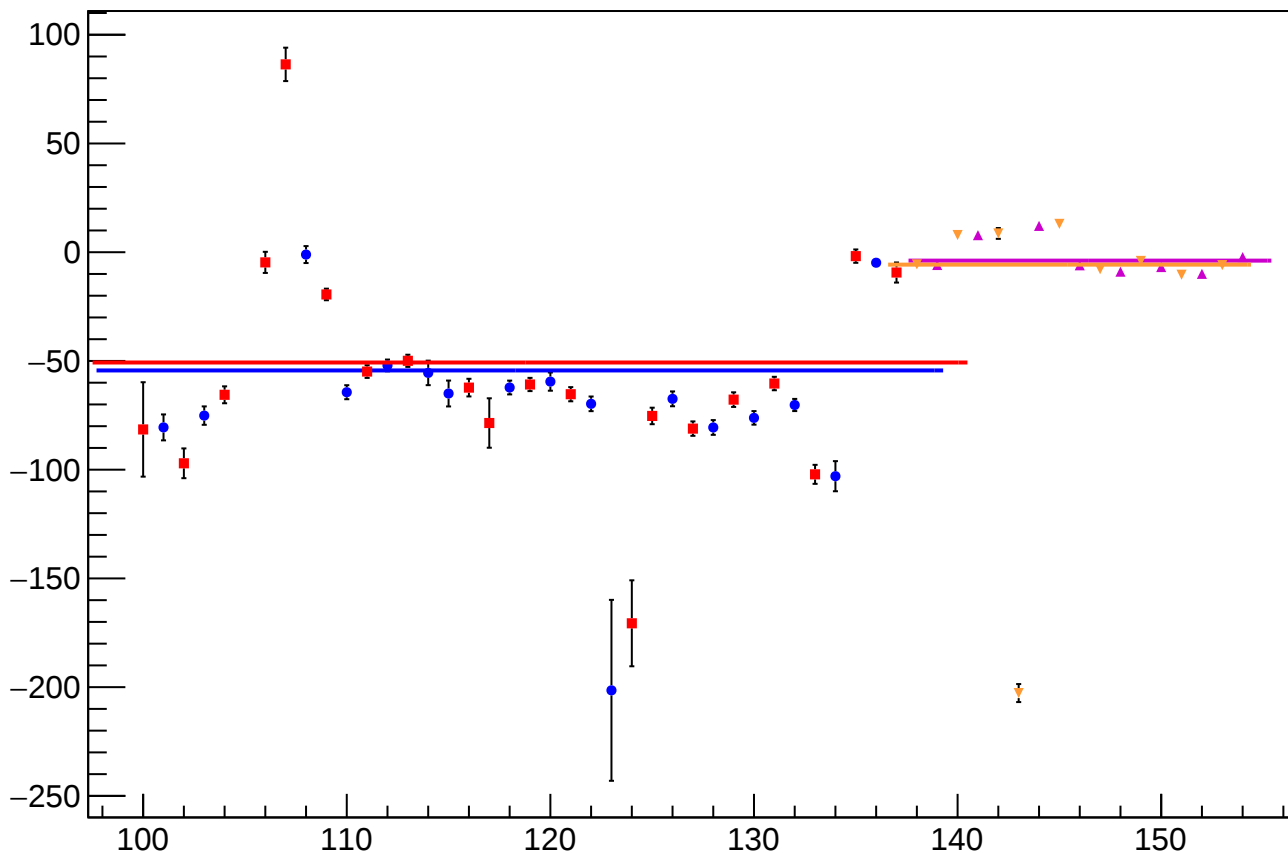
Right Out: 4.700 ± 0.472 χ^2/NDF : 184.2/19

Left In: -0.286 ± 0.347 χ^2/NDF : 26.5/7

1.020 ± 0.281 χ^2/NDF : 390.4/25

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 χ^2/NDF : 1013.5/16

Left Out: -5.708+/-0.526 χ^2/NDF : 2513.8/8

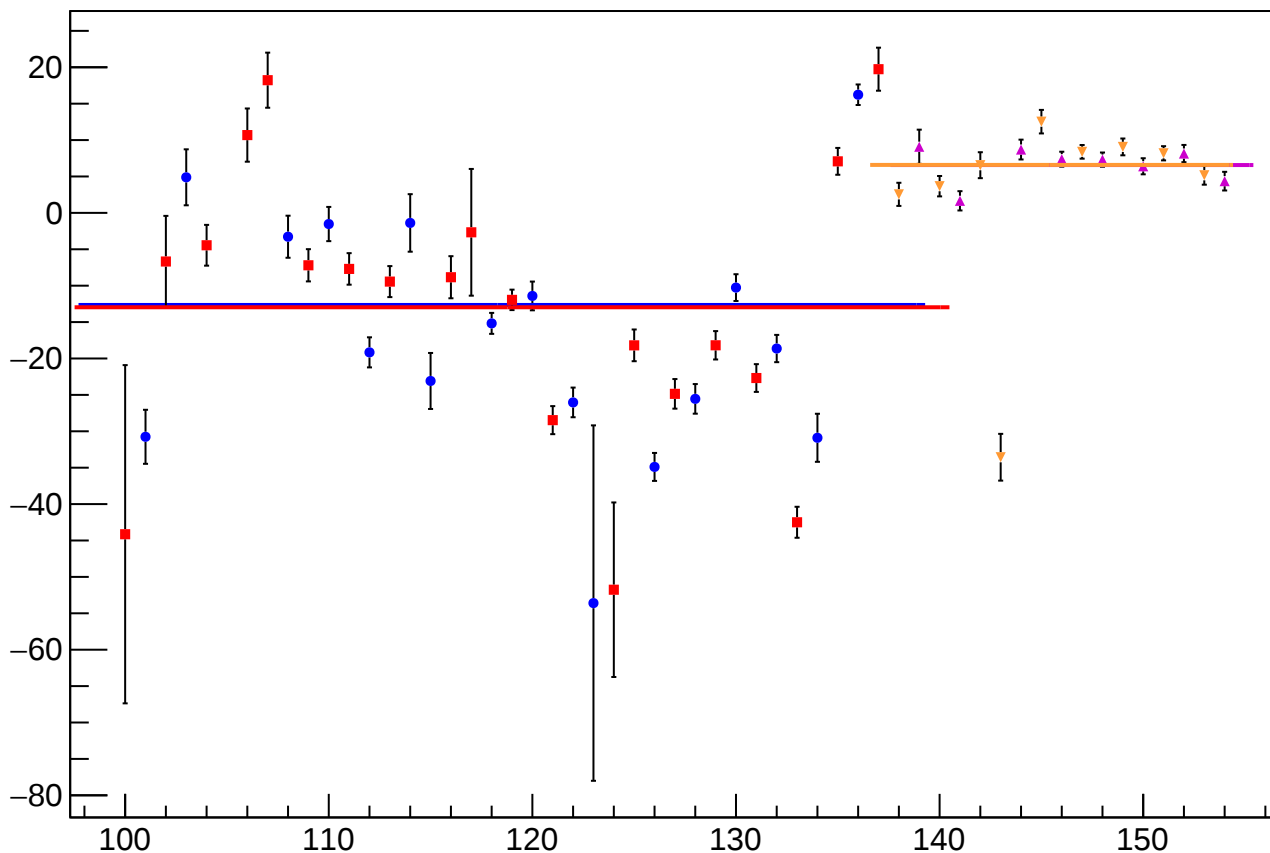
Right Out: -50.712+/-0.855 χ^2/NDF : 1327.3/19

Left In: -3.866+/-0.503 χ^2/NDF : 185.4/7

-18.758+/-0.450 χ^2/NDF : 5825.6/25

-15.916+/-0.434 χ^2/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: 6.588 ± 0.437 χ^2/NDF : 192.8/8

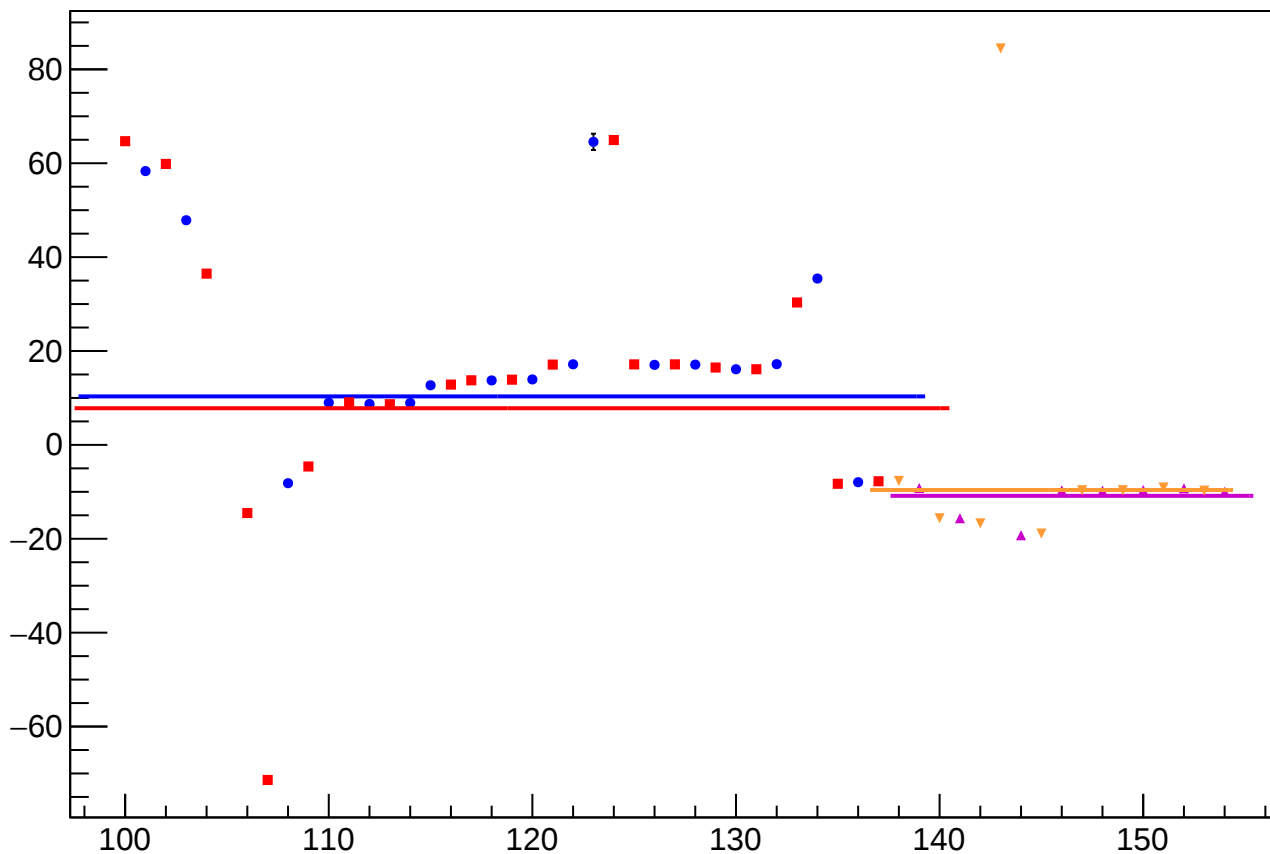
Right Out: -12.965 ± 0.536 χ^2/NDF : 722.8/19

Left In: 6.570 ± 0.429 χ^2/NDF : 23.4/7

-1.088 ± 0.339 χ^2/NDF : 1754.4/25

-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: -9.613+/-0.022 χ^2/NDF : 354433.2/8

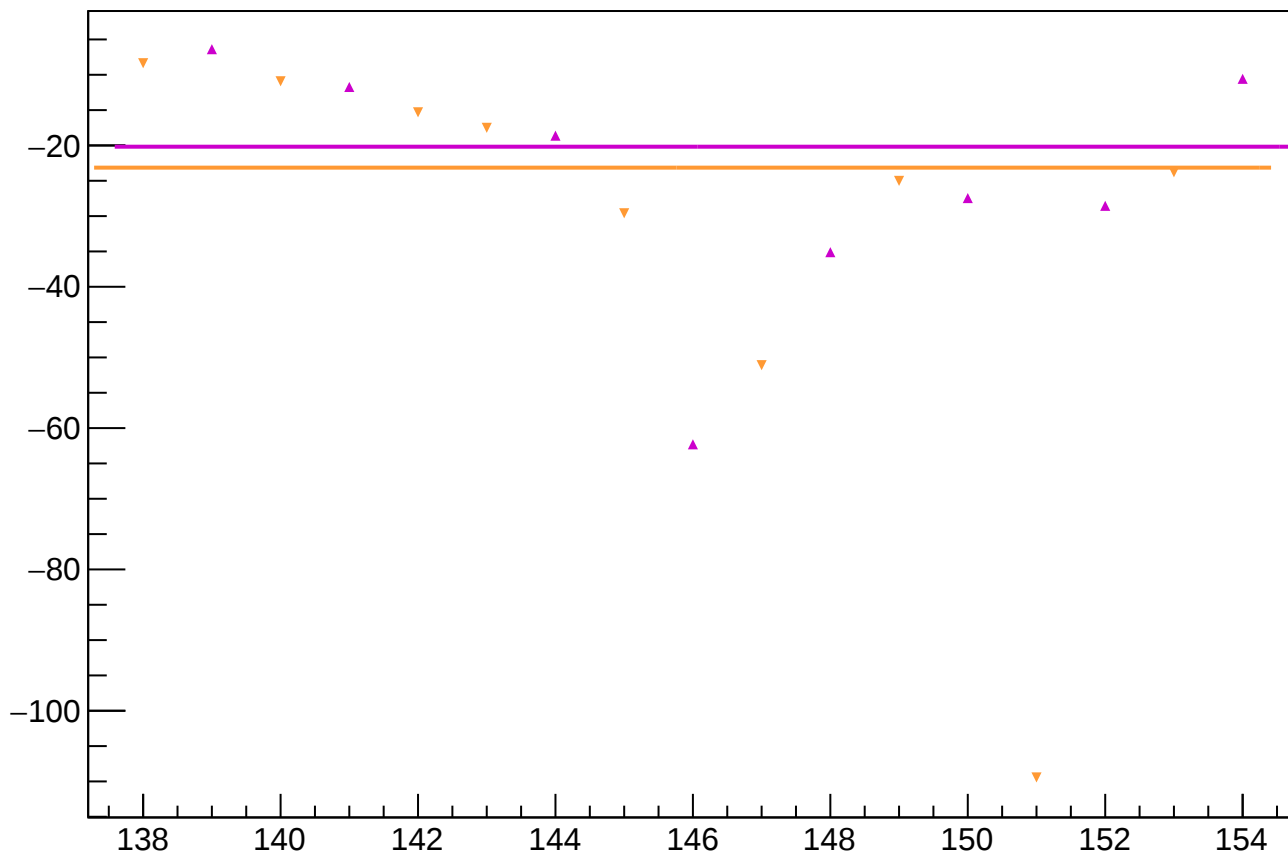
Right Out: 7.808+/-0.031 χ^2/NDF : 544249.7/19

Left In: -10.852+/-0.020 χ^2/NDF : 21193.7/7

-2.943+/-0.018 χ^2/NDF : 1016578.0/25

-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: -23.141+/-0.092 χ^2/NDF : 48914.3/8

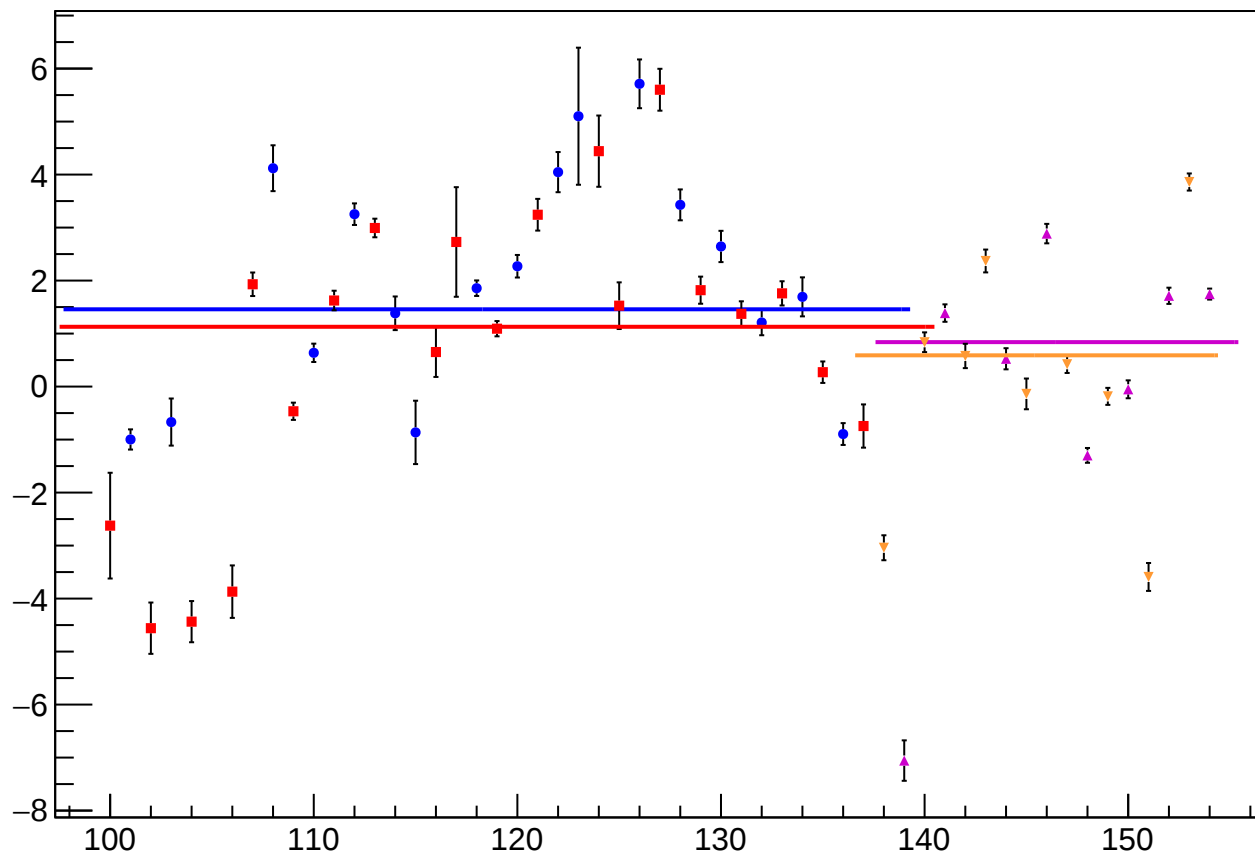
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.177+/-0.080 χ^2/NDF : 32570.4/7

-23.141+/-0.092 χ^2/NDF : 48914.3/8

-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: 0.590+/-0.066 χ^2/NDF : 1001.1/8

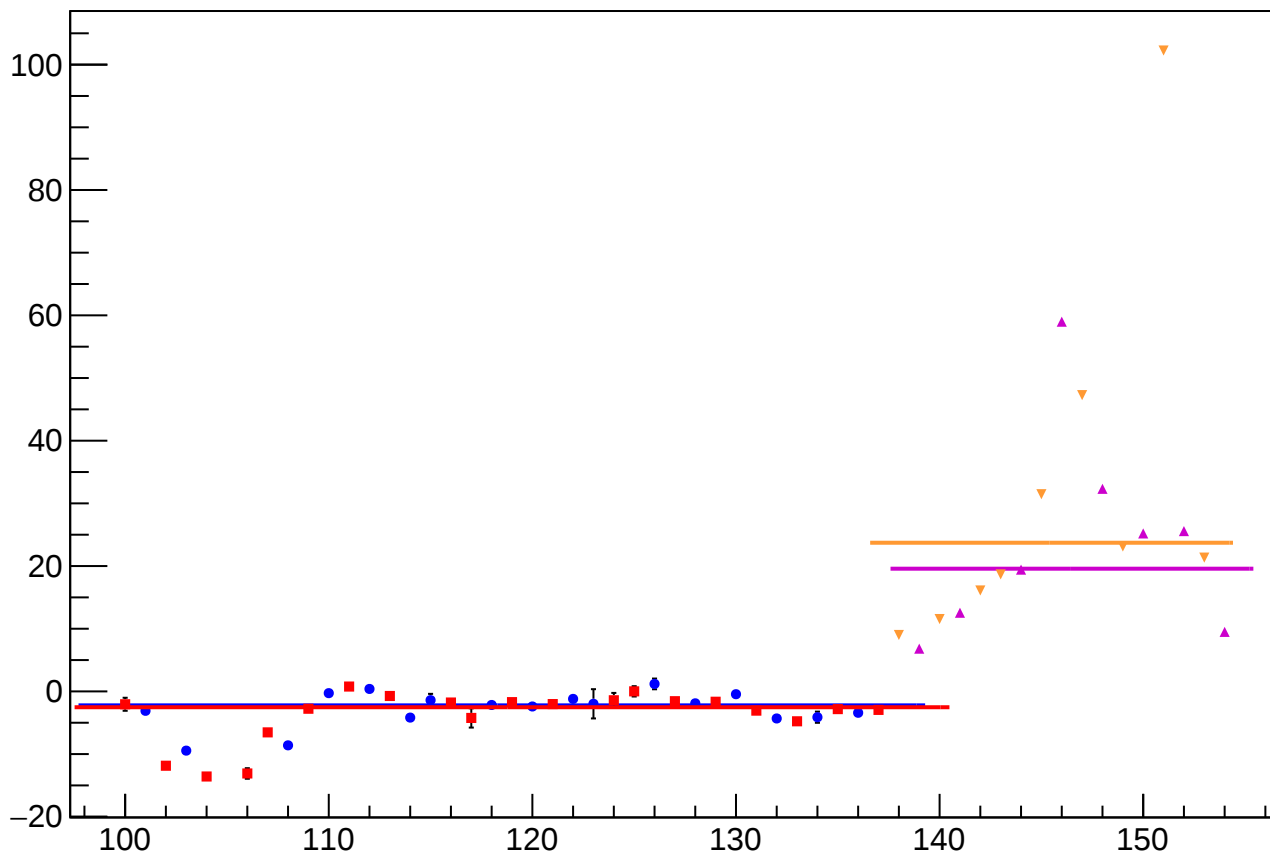
Right Out: 1.128+/-0.058 χ^2/NDF : 949.8/19

Left In: 0.839+/-0.056 χ^2/NDF : 937.2/7

1.053+/-0.045 χ^2/NDF : 1791.0/25

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 χ^2/NDF : 460.4/16

Left Out: 23.719 ± 0.093 χ^2/NDF : 43616.5/8

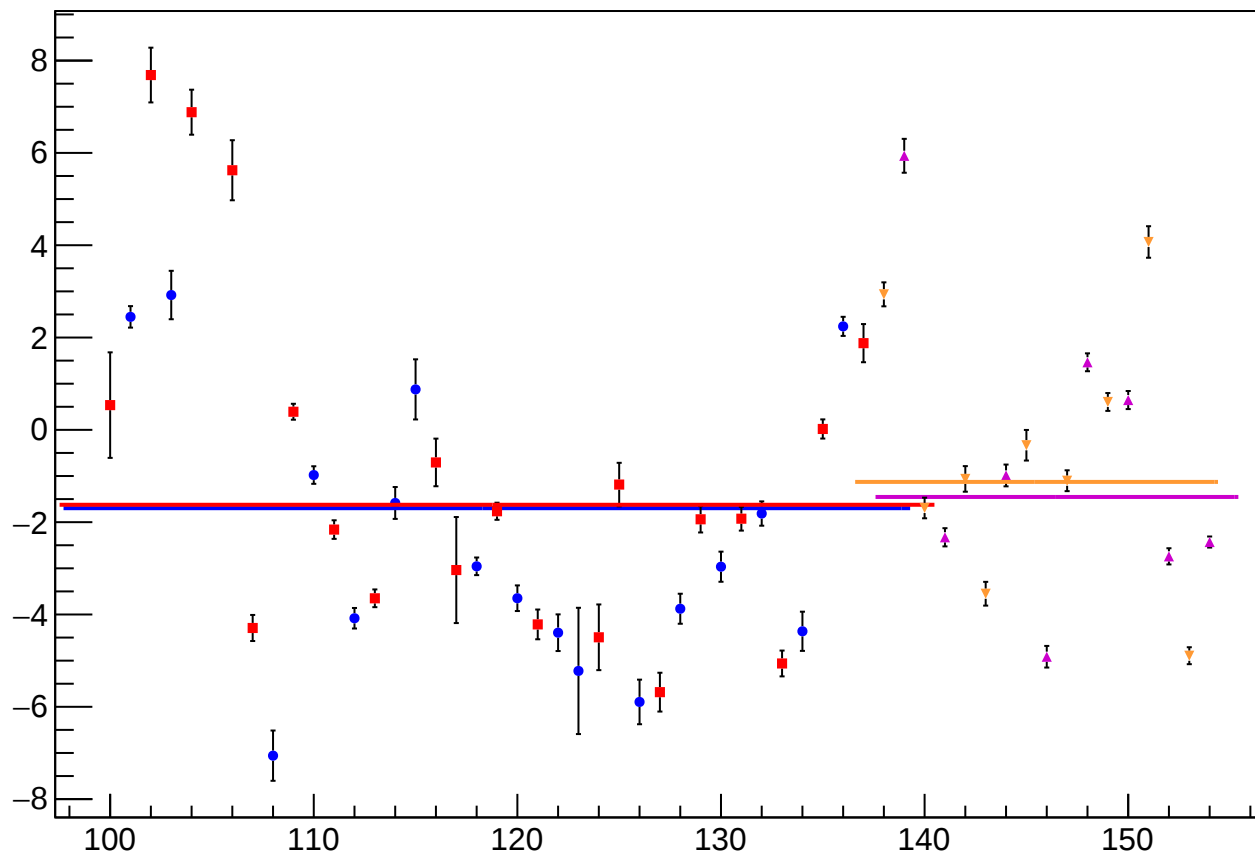
Right Out: -2.527 ± 0.099 χ^2/NDF : 905.2/19

Left In: 19.578 ± 0.078 χ^2/NDF : 29912.1/7

13.010 ± 0.071 χ^2/NDF : 76014.0/25

11.028 ± 0.061 χ^2/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: -1.128 ± 0.080 $\chi^2/\text{NDF}: 1078.0/8$

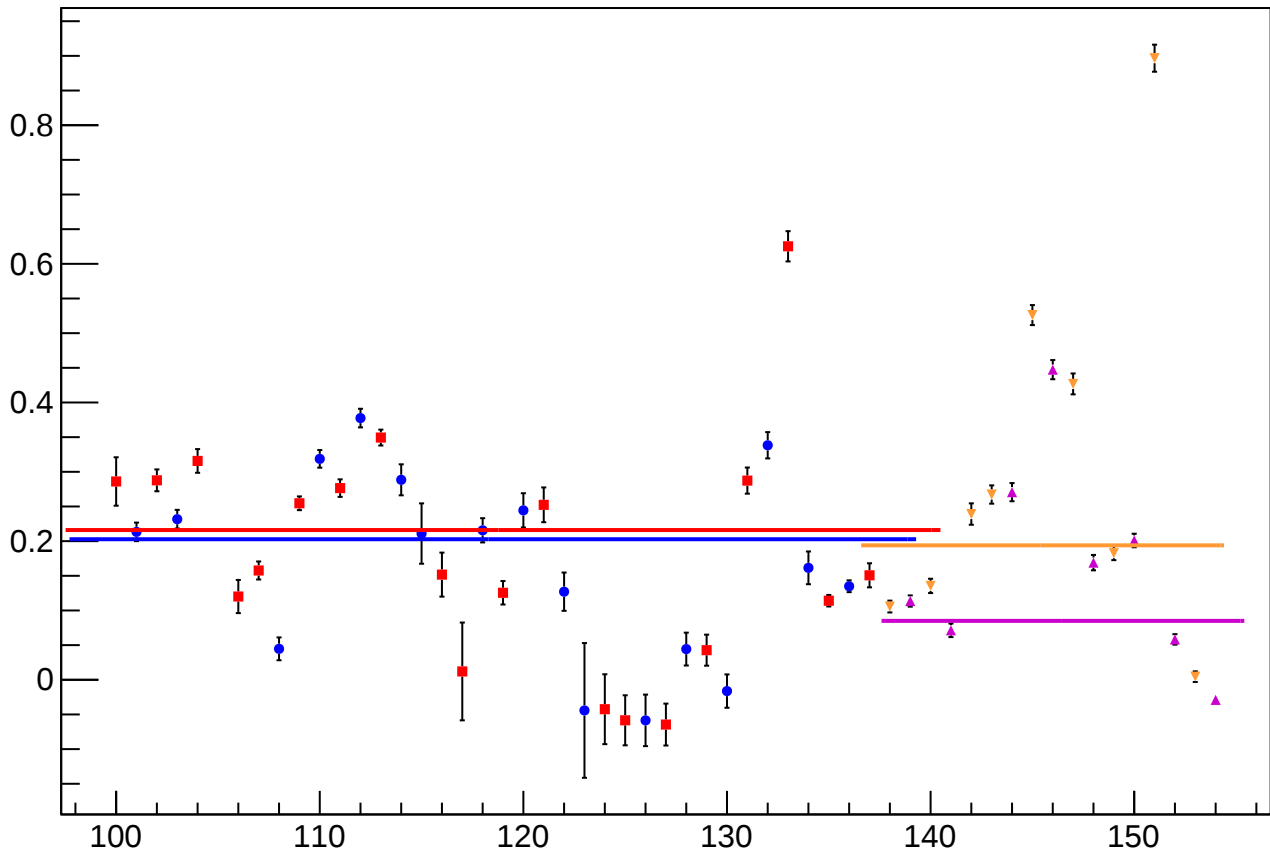
Right Out: -1.623 ± 0.066 $\chi^2/\text{NDF}: 1490.8/19$

Left In: -1.454 ± 0.067 $\chi^2/\text{NDF}: 1108.8/7$

-1.445 ± 0.053 $\chi^2/\text{NDF}: 2425.7/25$

-1.540 ± 0.047 $\chi^2/\text{NDF}: 2602.8/27$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 676.5/16

Left Out: 0.194 $\pm$ 0.004 χ^2 /NDF: 2849.2/8

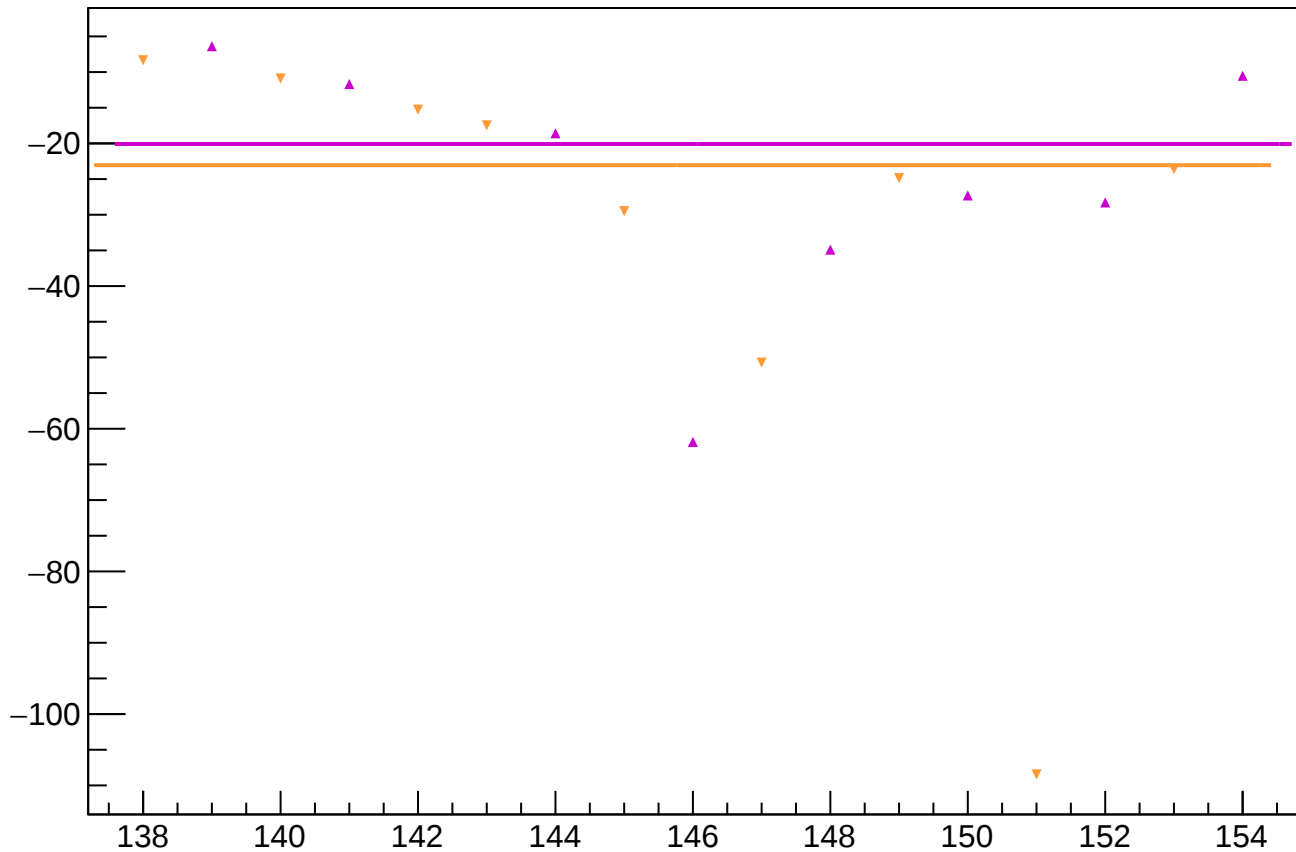
Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1072.8/19

Left In: 0.085 $\pm$ 0.003 χ^2 /NDF: 1647.6/7

0.198 $\pm$ 0.003 χ^2 /NDF: 3528.2/25

0.136 $\pm$ 0.002 χ^2 /NDF: 3486.2/27

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.050+/-0.092 χ^2/NDF : 48795.8/8

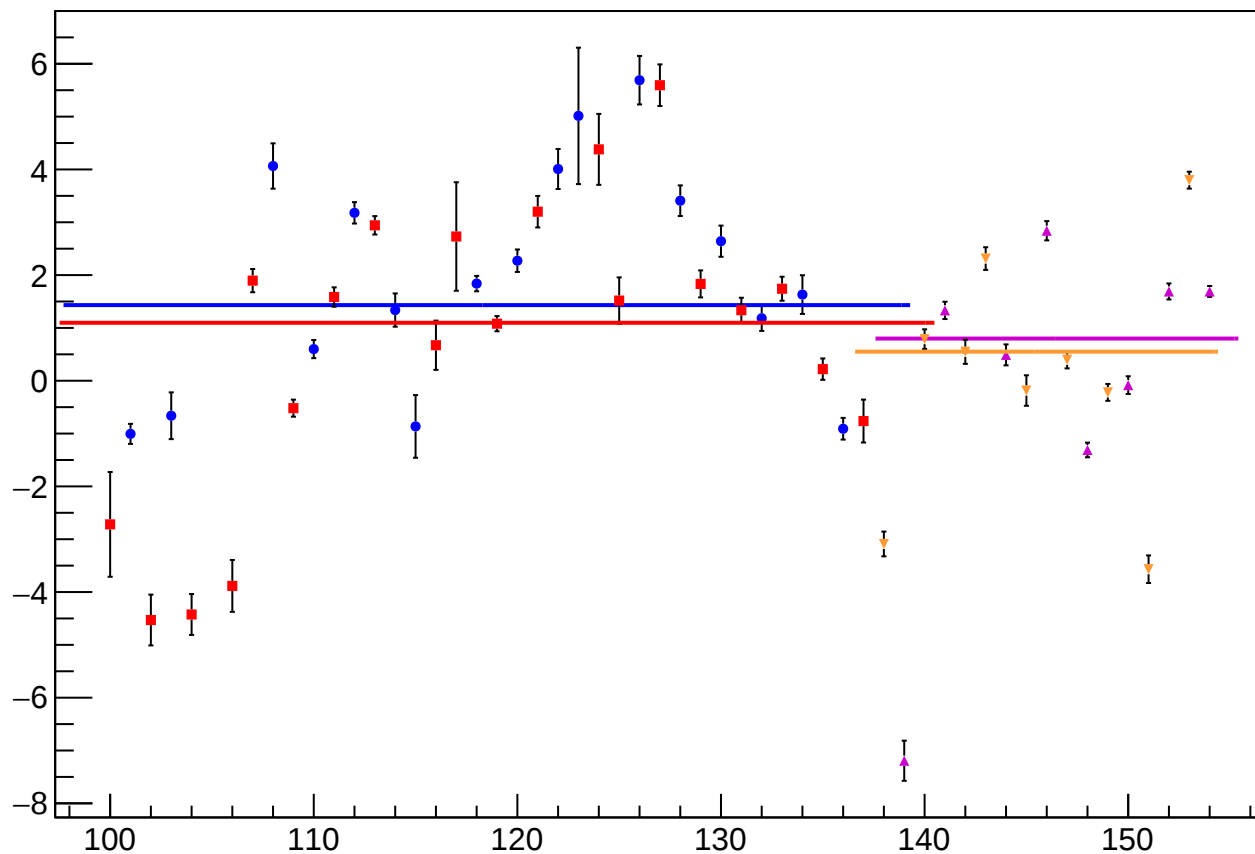
-23.050+/-0.092 χ^2/NDF : 48795.8/8

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

-20.086+/-0.080 χ^2/NDF : 32488.0/7

Left In: -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: 0.551 ± 0.066 χ^2/NDF : 1001.0/8

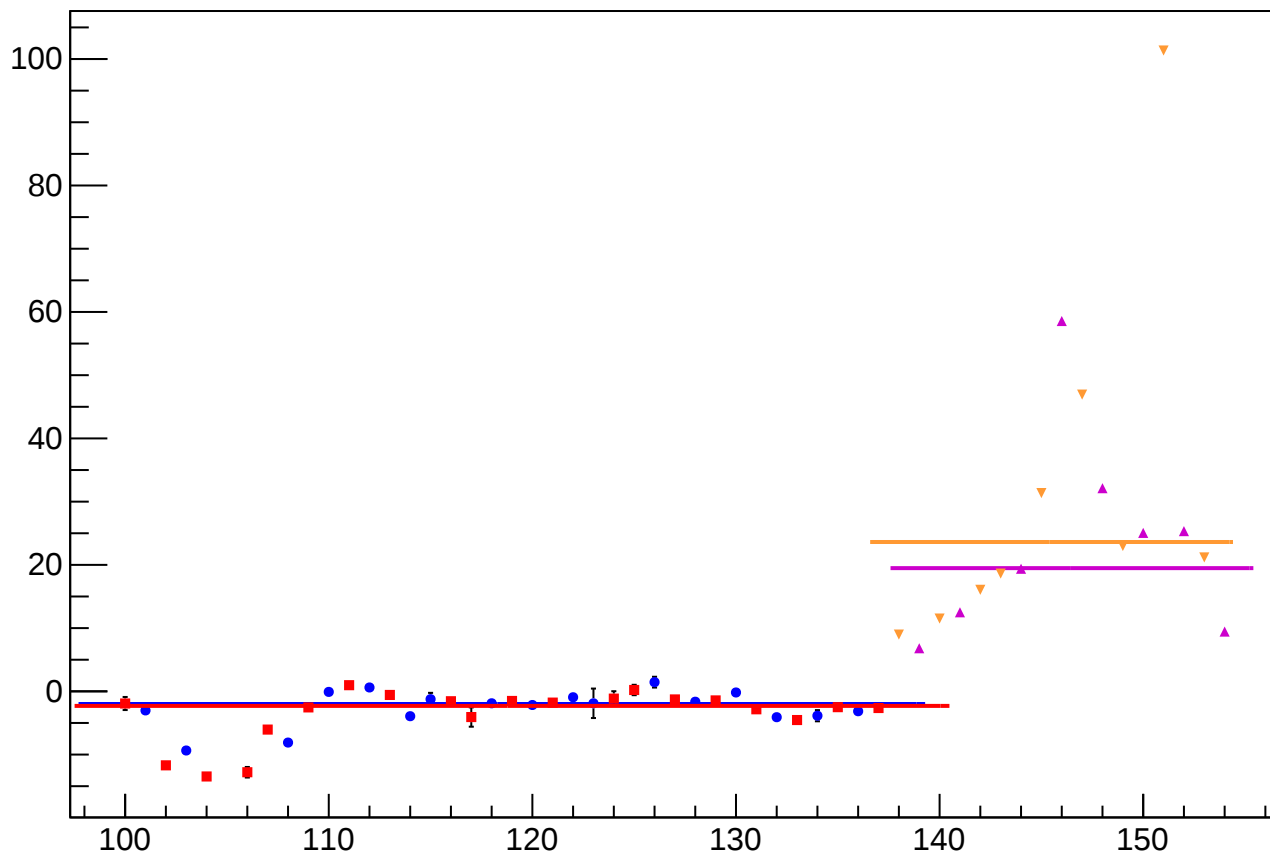
Right Out: 1.098 ± 0.058 χ^2/NDF : 955.7/19

Left In: 0.799 ± 0.055 χ^2/NDF : 949.7/7

1.020 ± 0.045 χ^2/NDF : 1792.9/25

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: 23.618 ± 0.093 $\chi^2/\text{NDF}: 43510.9/8$

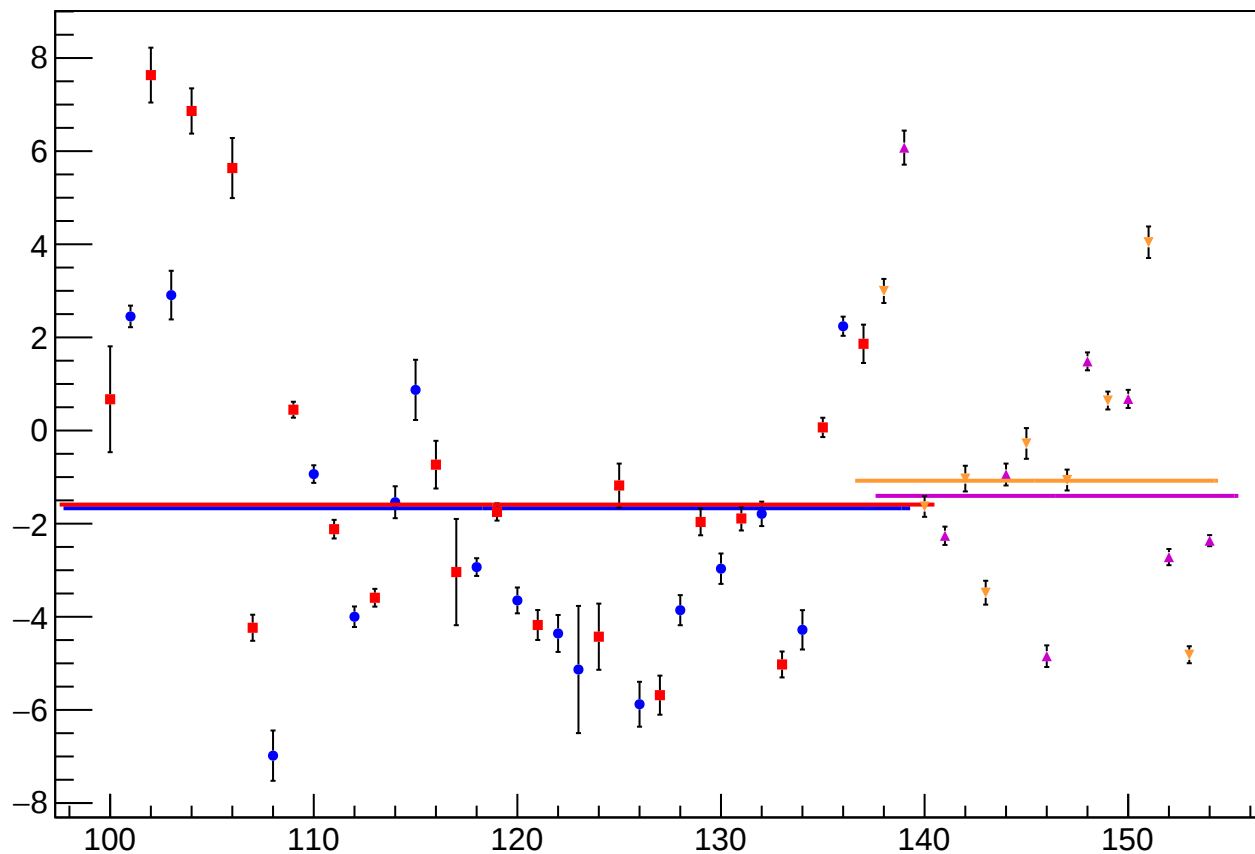
Right Out: -2.302 ± 0.098 $\chi^2/\text{NDF}: 908.6/19$

Left In: 19.485 ± 0.078 $\chi^2/\text{NDF}: 29843.0/7$

13.055 ± 0.071 $\chi^2/\text{NDF}: 75452.7/25$

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 χ^2/NDF : 1314.9/16

Left Out: -1.077+/-0.079 χ^2/NDF : 1078.6/8

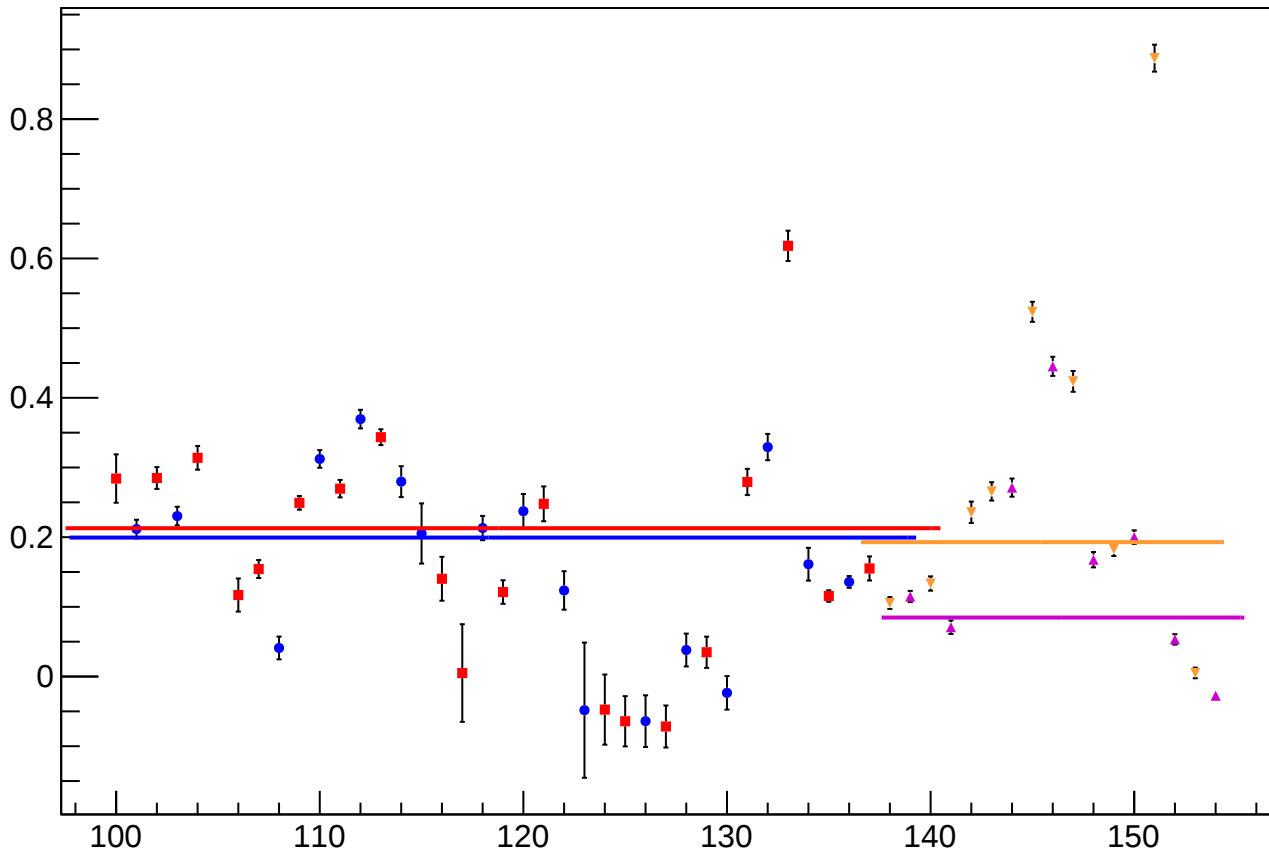
Right Out: -1.590+/-0.065 χ^2/NDF : 1496.3/19

Left In: -1.403+/-0.066 χ^2/NDF : 1123.2/7

-1.407+/-0.053 χ^2/NDF : 2424.5/25

-1.498+/-0.047 χ^2/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: 0.193 $\pm$ 0.004 χ^2 /NDF: 2839.2/8

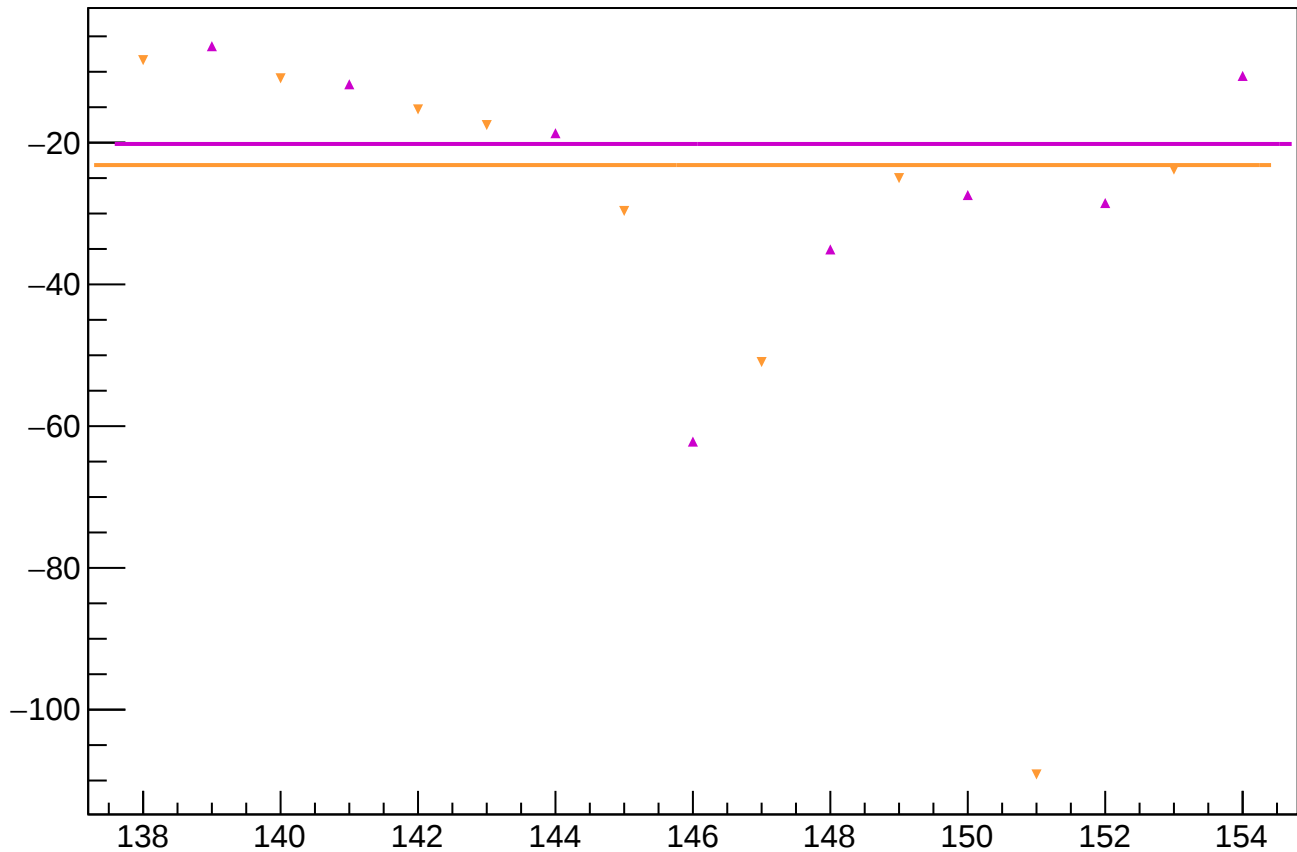
Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1057.0/19

Left In: 0.085 $\pm$ 0.003 χ^2 /NDF: 1651.4/7

0.196 $\pm$ 0.003 χ^2 /NDF: 3502.7/25

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 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -23.163 $\pm$ 0.092 χ^2/NDF : 48898.4/8

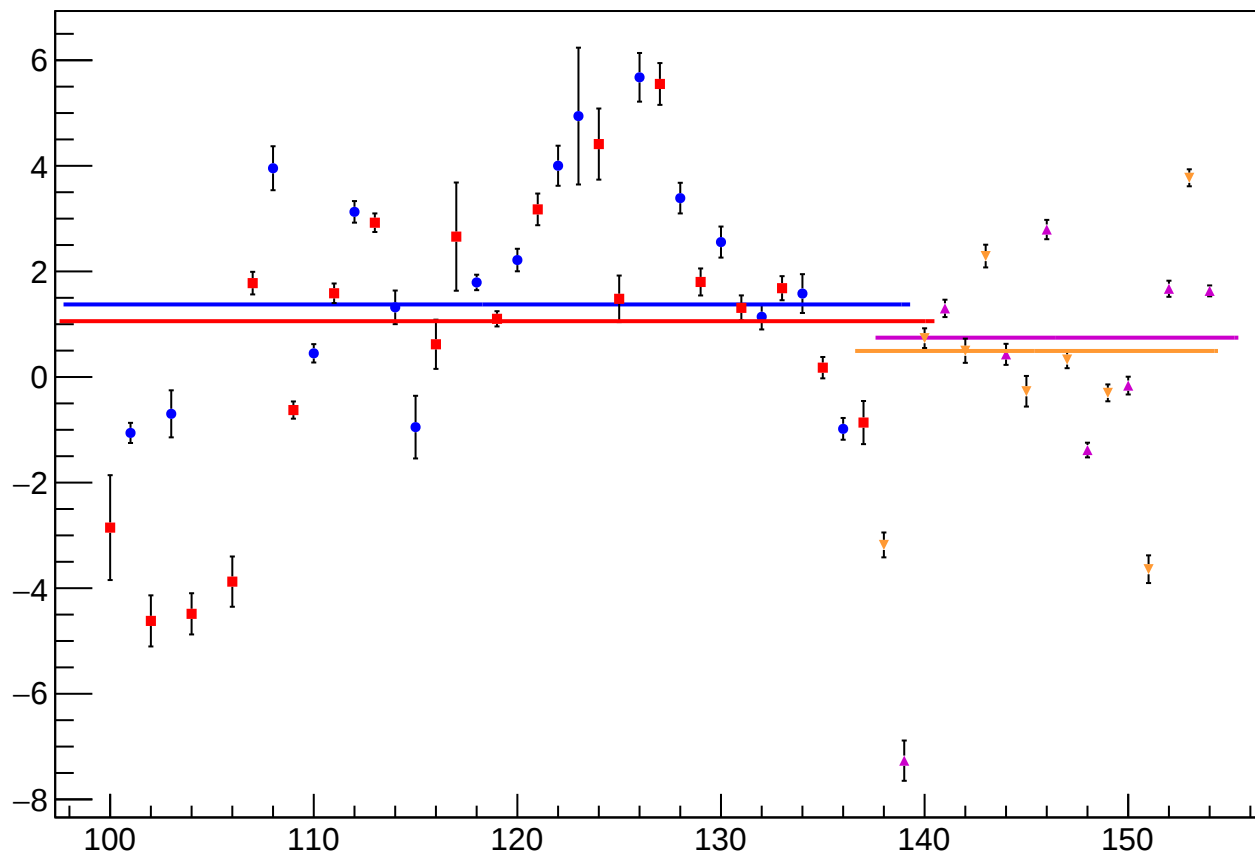
-23.163 $\pm$ 0.092 χ^2/NDF : 48898.4/8

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

-20.185 $\pm$ 0.080 χ^2/NDF : 32562.3/7

Left In: -20.185 $\pm$ 0.080 χ^2/NDF : 32562.3/7

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.375 ± 0.062 $\chi^2/\text{NDF}: 702.4/16$

Left Out: 0.493 ± 0.066 $\chi^2/\text{NDF}: 1010.6/8$

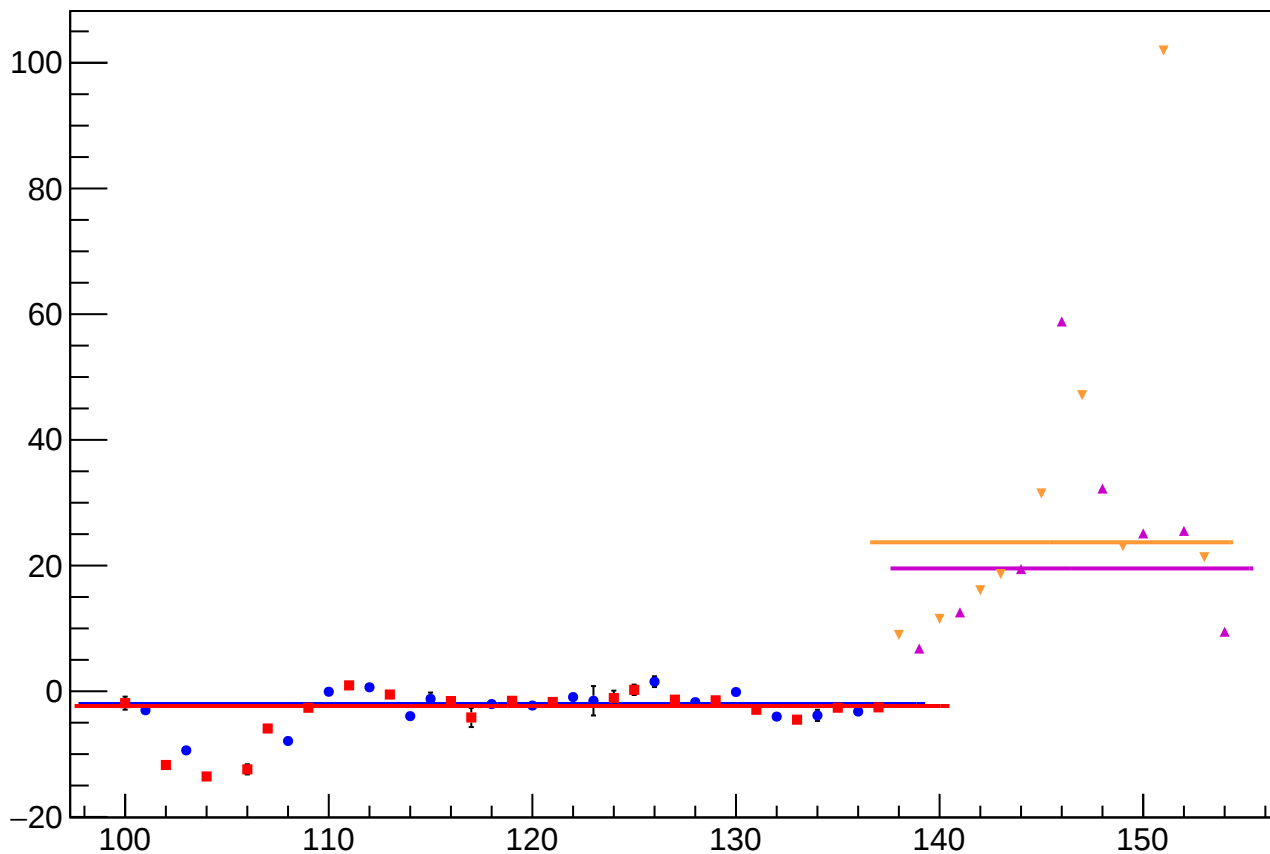
Right Out: 1.058 ± 0.058 $\chi^2/\text{NDF}: 966.5/19$

Left In: 0.745 ± 0.056 $\chi^2/\text{NDF}: 953.1/7$

0.963 ± 0.045 $\chi^2/\text{NDF}: 1807.6/25$

0.895 ± 0.040 $\chi^2/\text{NDF}: 1934.7/27$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.031 ± 0.111 χ^2/NDF : 463.2/16

Left Out: 23.702 ± 0.093 χ^2/NDF : 43601.2/8

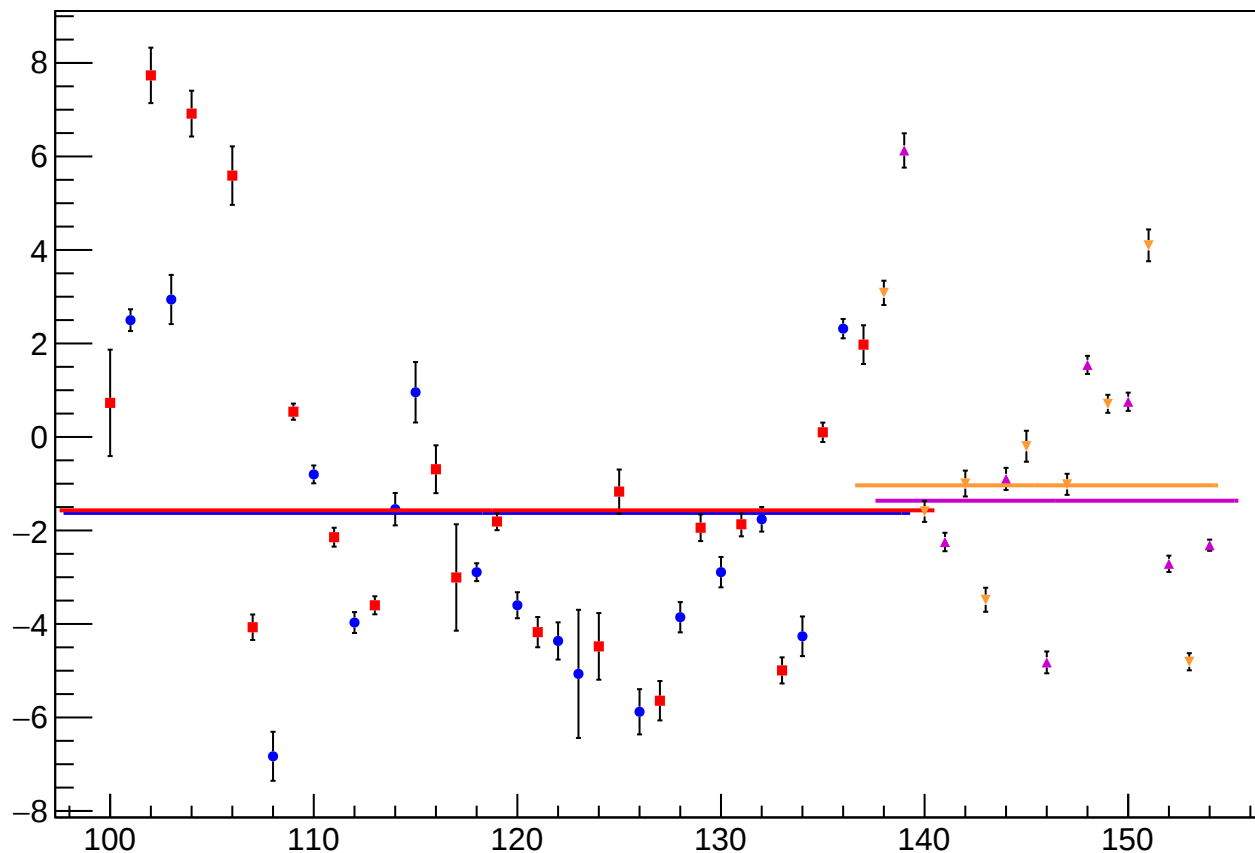
Right Out: -2.344 ± 0.099 χ^2/NDF : 903.4/19

Left In: 19.544 ± 0.078 χ^2/NDF : 29920.9/7

13.105 ± 0.071 χ^2/NDF : 75503.3/25

11.099 ± 0.061 χ^2/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: -1.035 ± 0.080 χ^2/NDF : 1088.5/8

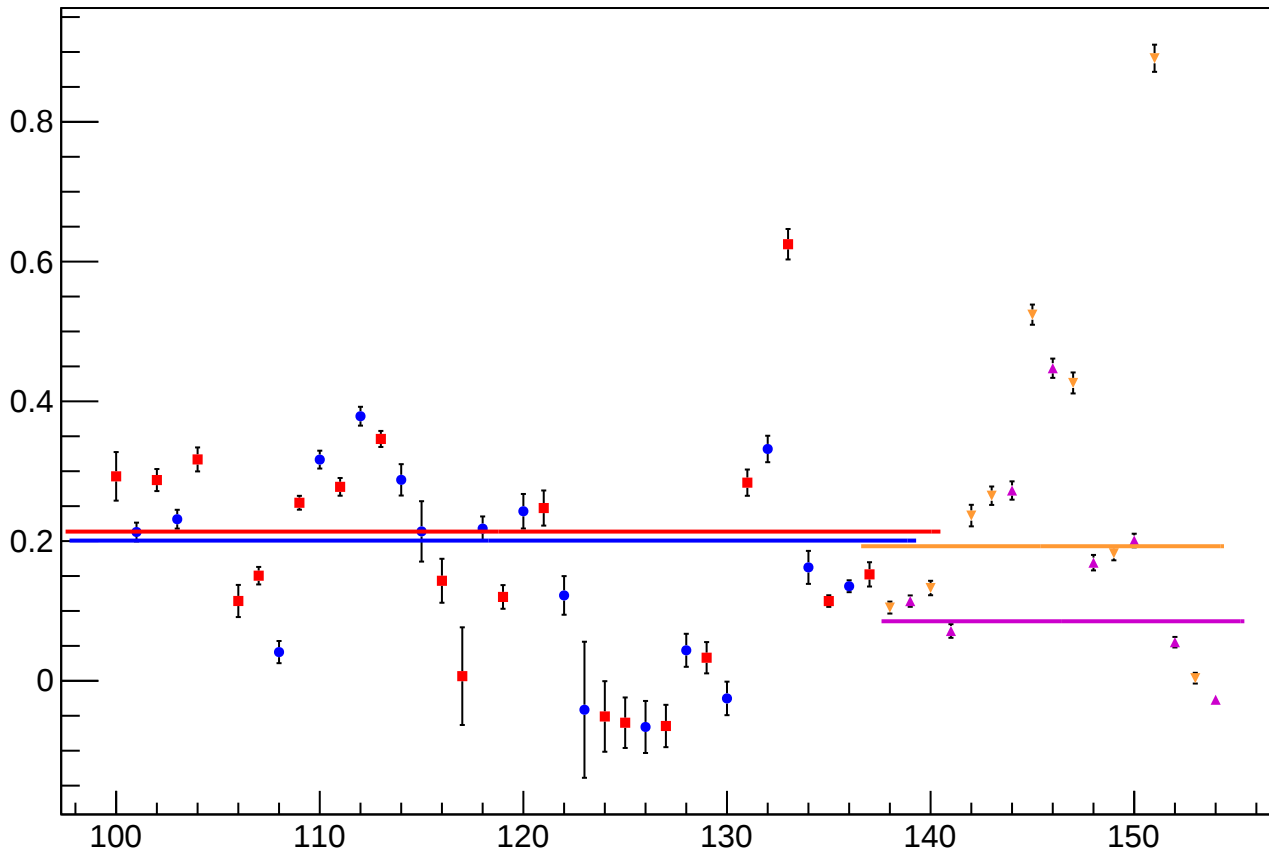
Right Out: -1.570 ± 0.065 χ^2/NDF : 1507.4/19

Left In: -1.363 ± 0.067 χ^2/NDF : 1126.1/7

-1.363 ± 0.053 χ^2/NDF : 2439.8/25

-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: 0.193 $\pm$ 0.004 χ^2/NDF : 2841.7/8

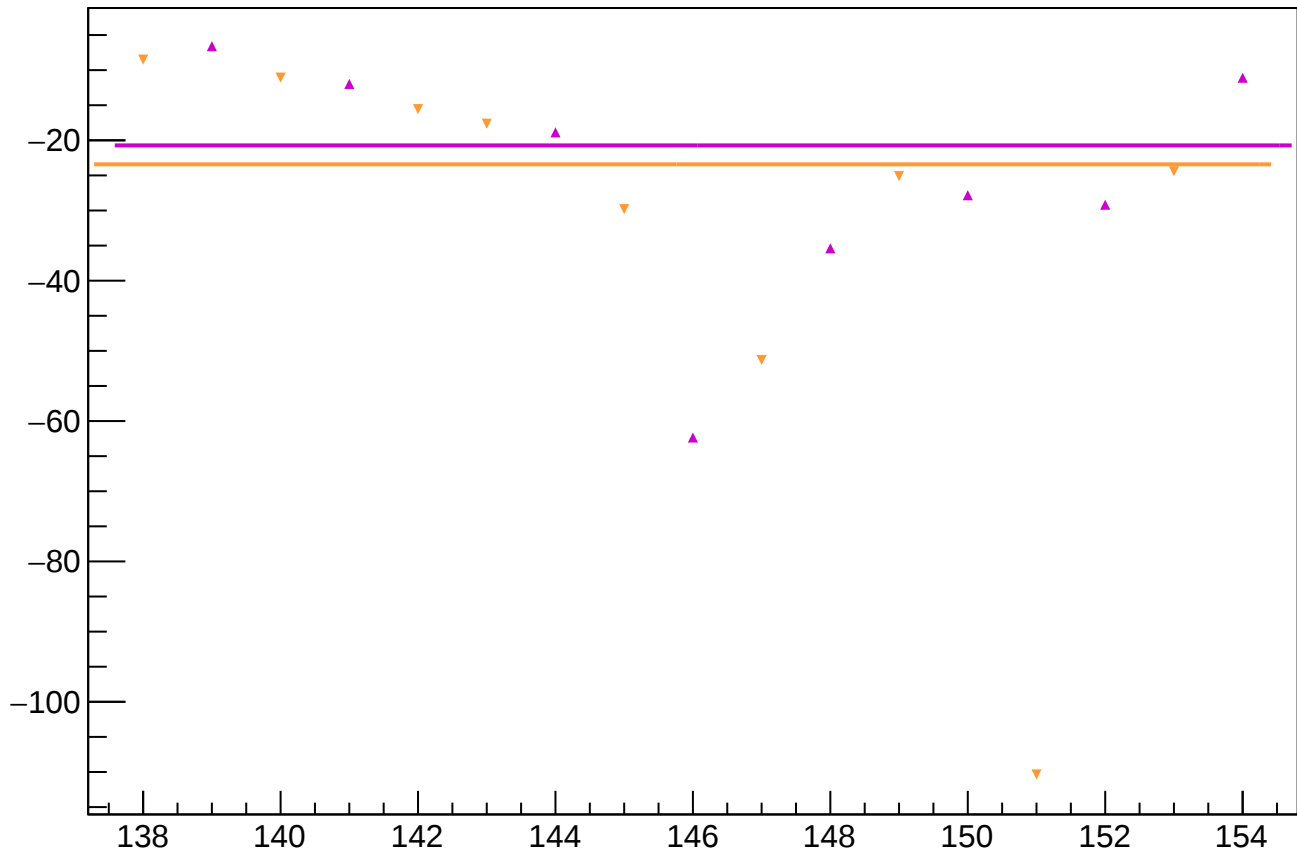
Right Out: 0.214 $\pm$ 0.004 χ^2/NDF : 1089.2/19

Left In: 0.085 $\pm$ 0.003 χ^2/NDF : 1646.0/7

0.196 $\pm$ 0.003 χ^2/NDF : 3534.4/25

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: -23.421+/-0.093 χ^2/NDF : 48792.2/8

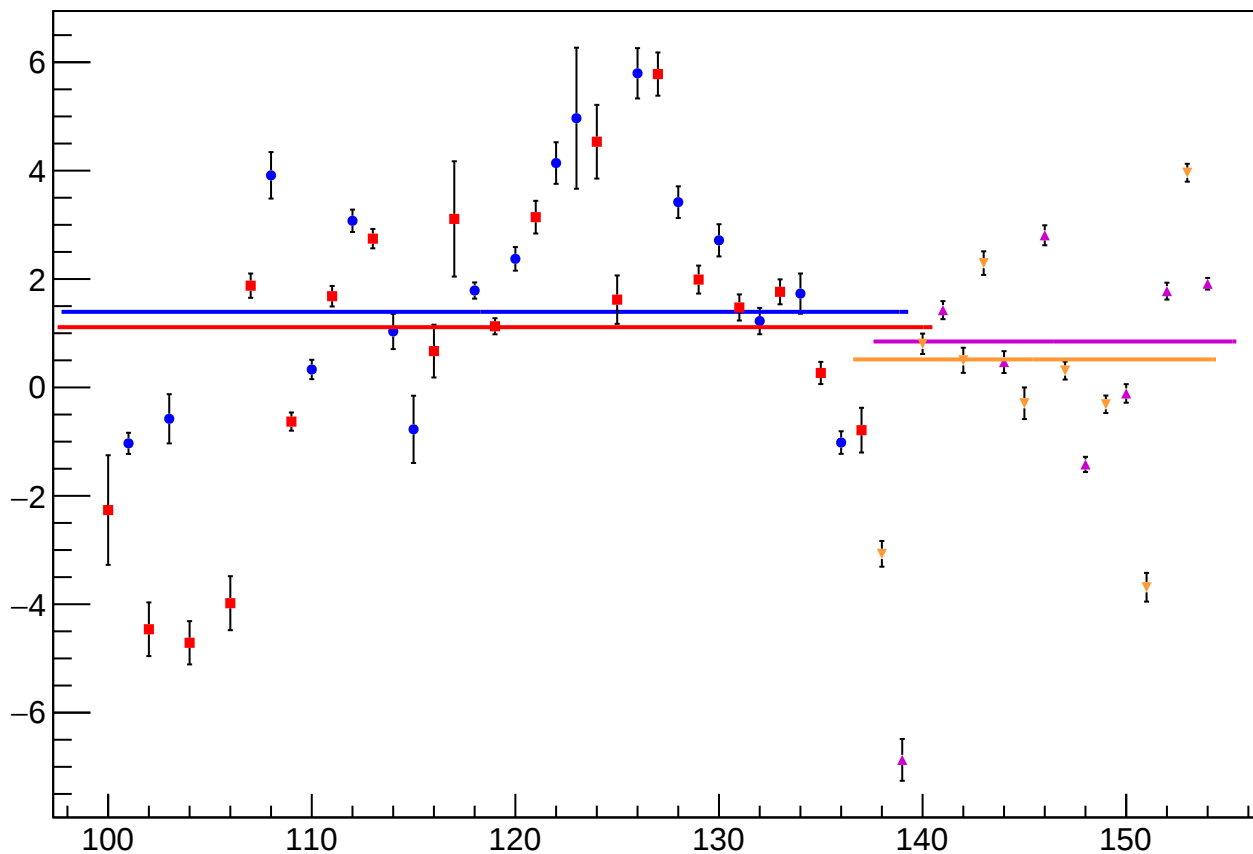
-23.421+/-0.093 χ^2/NDF : 48792.2/8

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

-20.724+/-0.082 χ^2/NDF : 31739.8/7

Left In: -20.724+/-0.082 χ^2/NDF : 31739.8/7

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.395 $\pm$ 0.063 χ^2 /NDF: 701.4/16

Left Out: 0.517 $\pm$ 0.067 χ^2 /NDF:1020.8/8

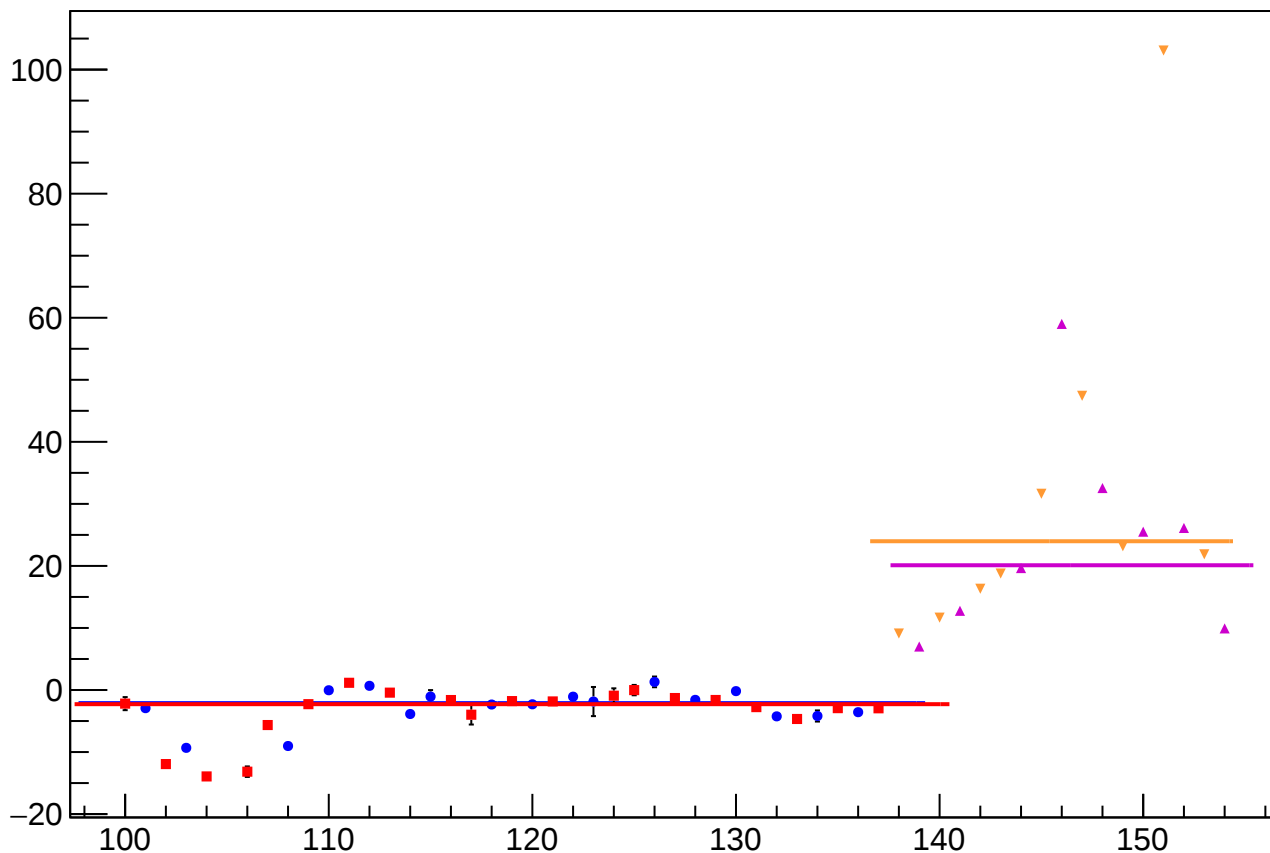
Right Out: 1.112 $\pm$ 0.059 χ^2 /NDF: 940.5/19

Left In: 0.848 $\pm$ 0.057 χ^2 /NDF:954.3/7

0.982 $\pm$ 0.046 χ^2 /NDF: 1813.4/25

0.975 $\pm$ 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: 23.979 ± 0.094 $\chi^2/\text{NDF}: 43473.0/8$

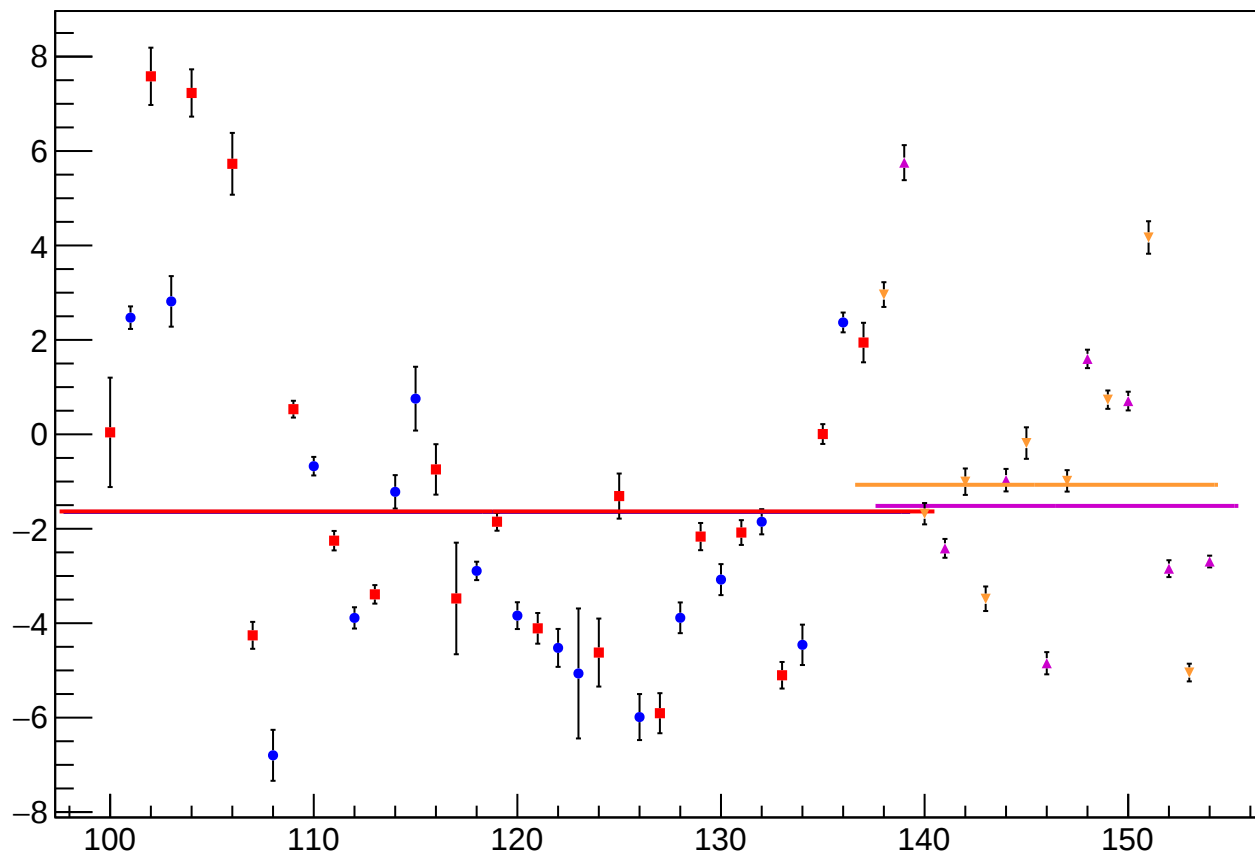
Right Out: -2.284 ± 0.101 $\chi^2/\text{NDF}: 920.6/19$

Left In: 20.108 ± 0.080 $\chi^2/\text{NDF}: 29006.4/7$

13.307 ± 0.072 $\chi^2/\text{NDF}: 75322.5/25$

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: -1.069 ± 0.081 χ^2/NDF : 1105.0/8

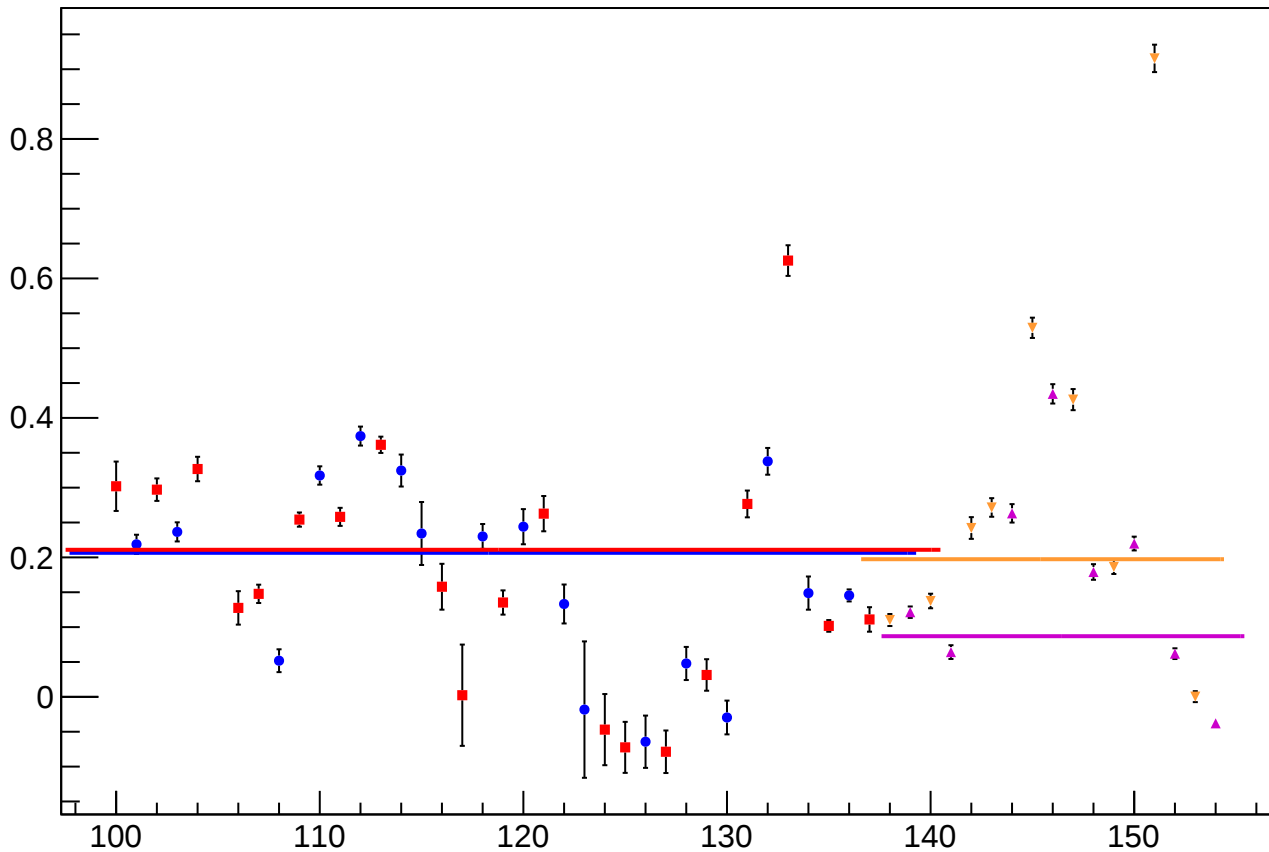
Right Out: -1.633 ± 0.067 χ^2/NDF : 1470.6/19

Left In: -1.516 ± 0.068 χ^2/NDF : 1134.7/7

-1.387 ± 0.054 χ^2/NDF : 2443.1/25

-1.576 ± 0.048 χ^2/NDF : 2606.8/27

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.004 χ^2 /NDF: 655.0/16

Left Out: 0.197 $\pm$ 0.004 χ^2 /NDF:2887.1/8

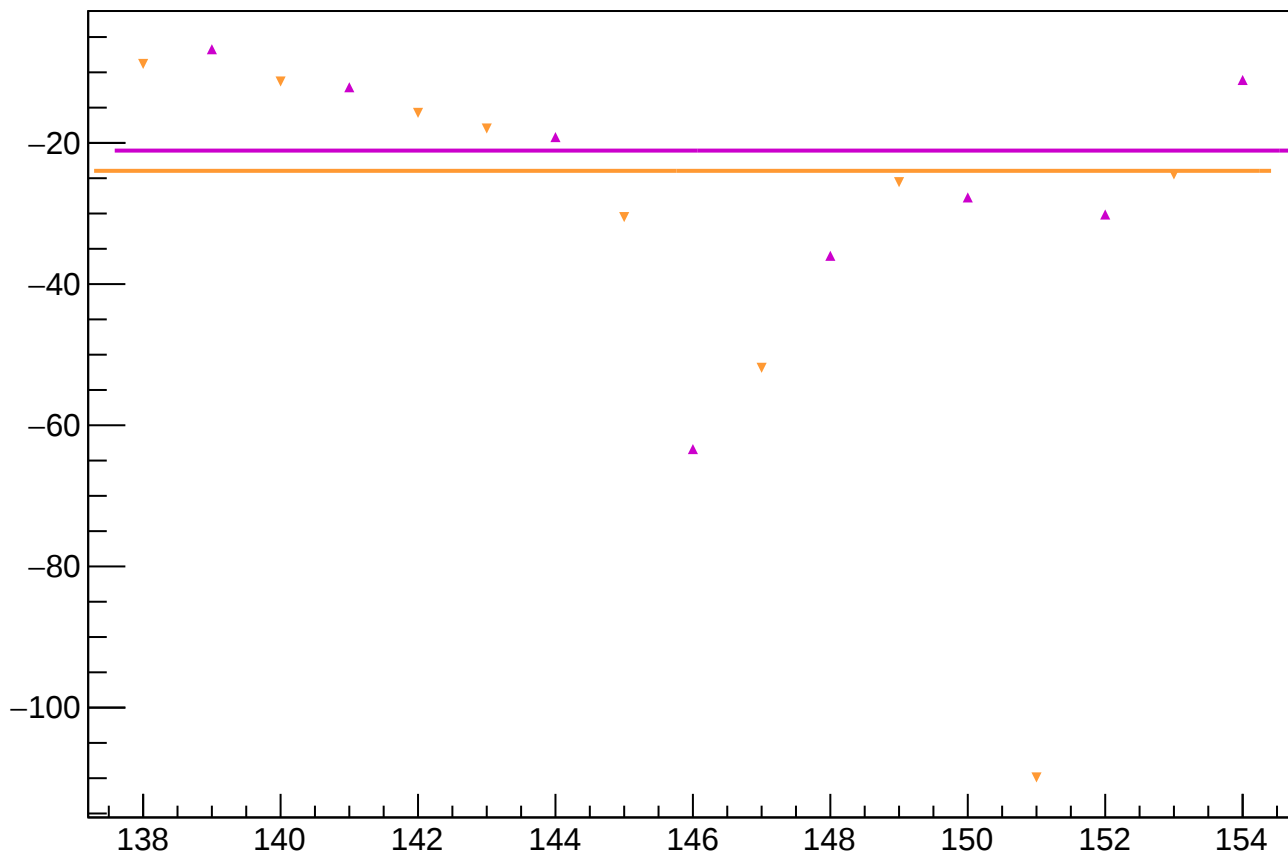
Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1153.8/19

Left In: 0.087 $\pm$ 0.003 χ^2 /NDF:1681.3/7

0.201 $\pm$ 0.003 χ^2 /NDF: 3544.8/25

0.136 $\pm$ 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: -23.953+/-0.095 χ^2/NDF : 48090.3/8

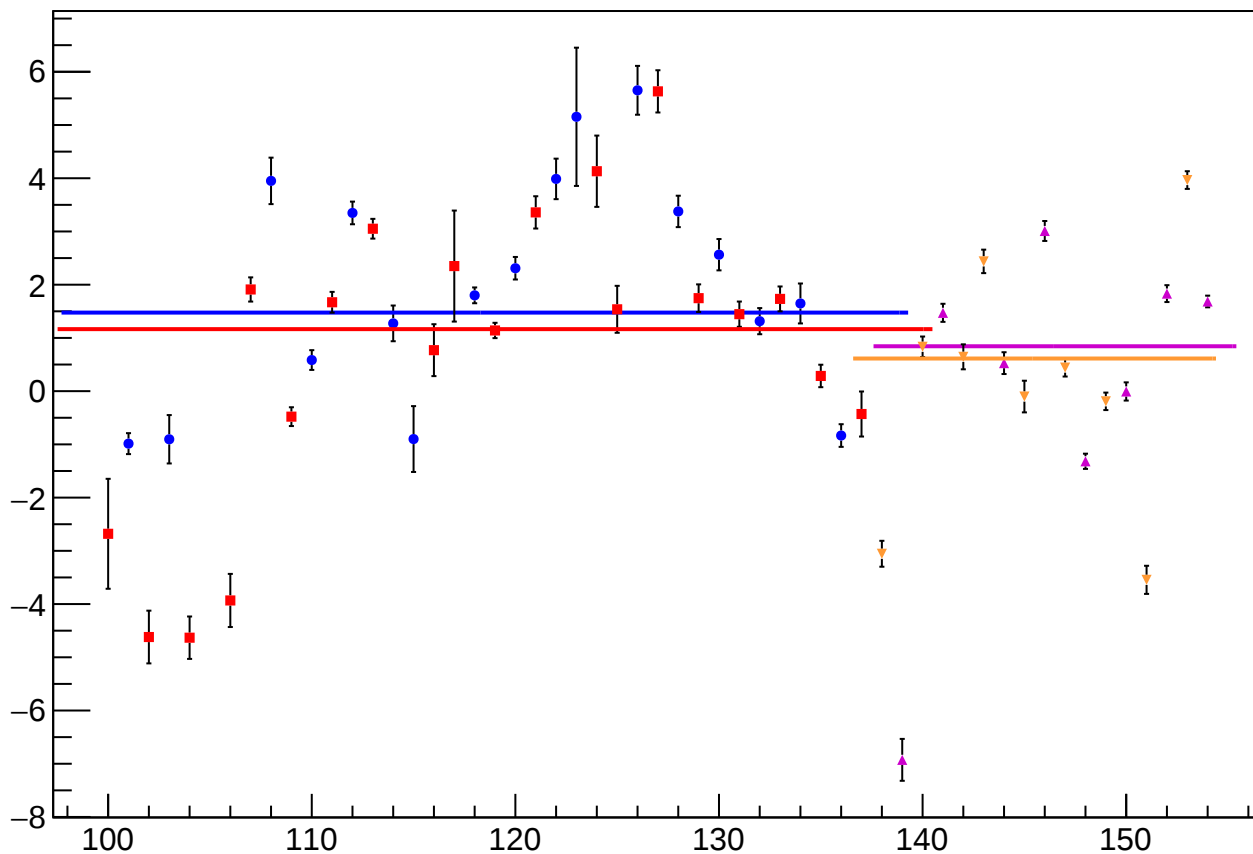
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.086+/-0.083 χ^2/NDF : 31882.5/7

-23.953+/-0.095 χ^2/NDF : 48090.3/8

-21.086+/-0.083 χ^2/NDF : 31882.5/7

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.476 ± 0.064 χ^2/NDF : 659.7/16

Left Out: 0.613 ± 0.068 χ^2/NDF : 982.2/8

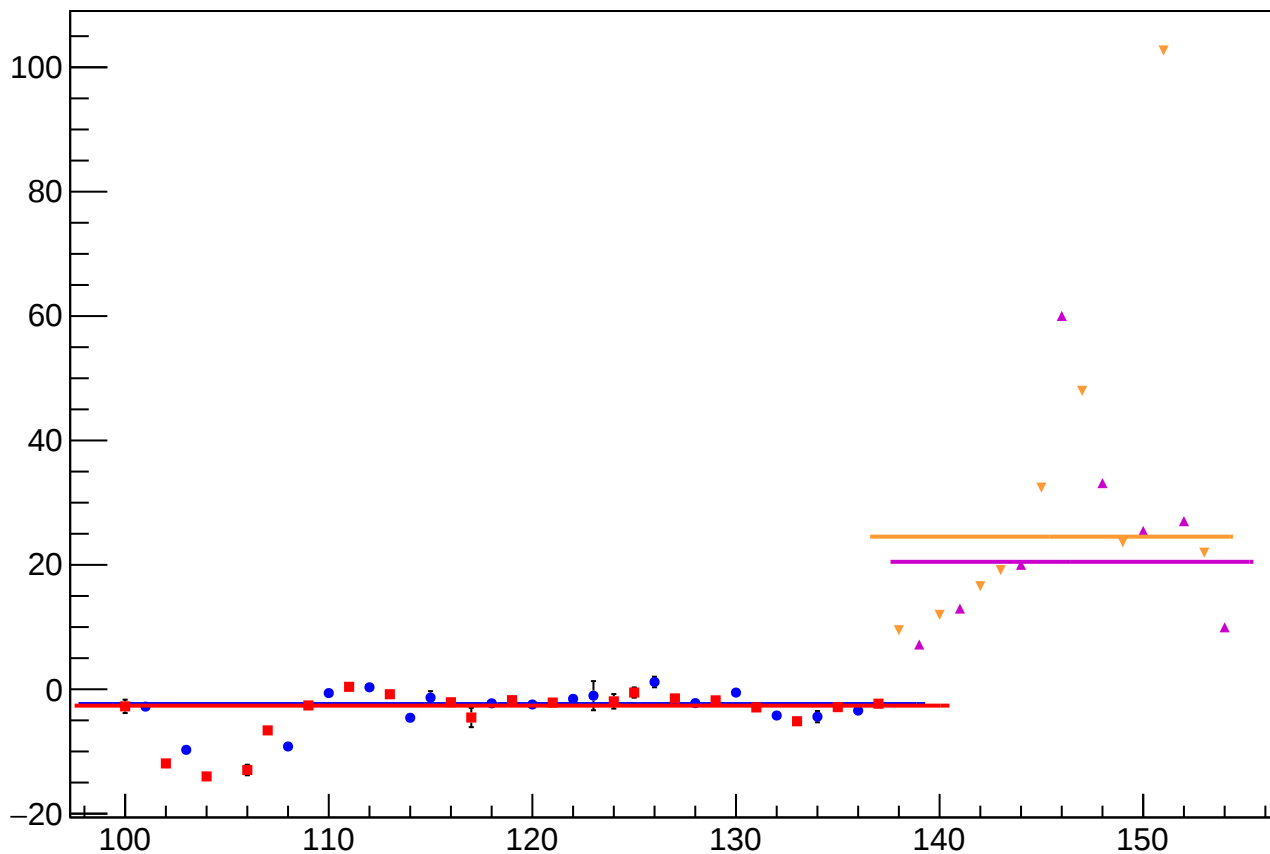
Right Out: 1.165 ± 0.060 χ^2/NDF : 919.2/19

Left In: 0.843 ± 0.058 χ^2/NDF : 889.9/7

1.072 ± 0.046 χ^2/NDF : 1727.9/25

0.999 ± 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: 24.534 ± 0.096 χ^2/NDF : 42828.0/8

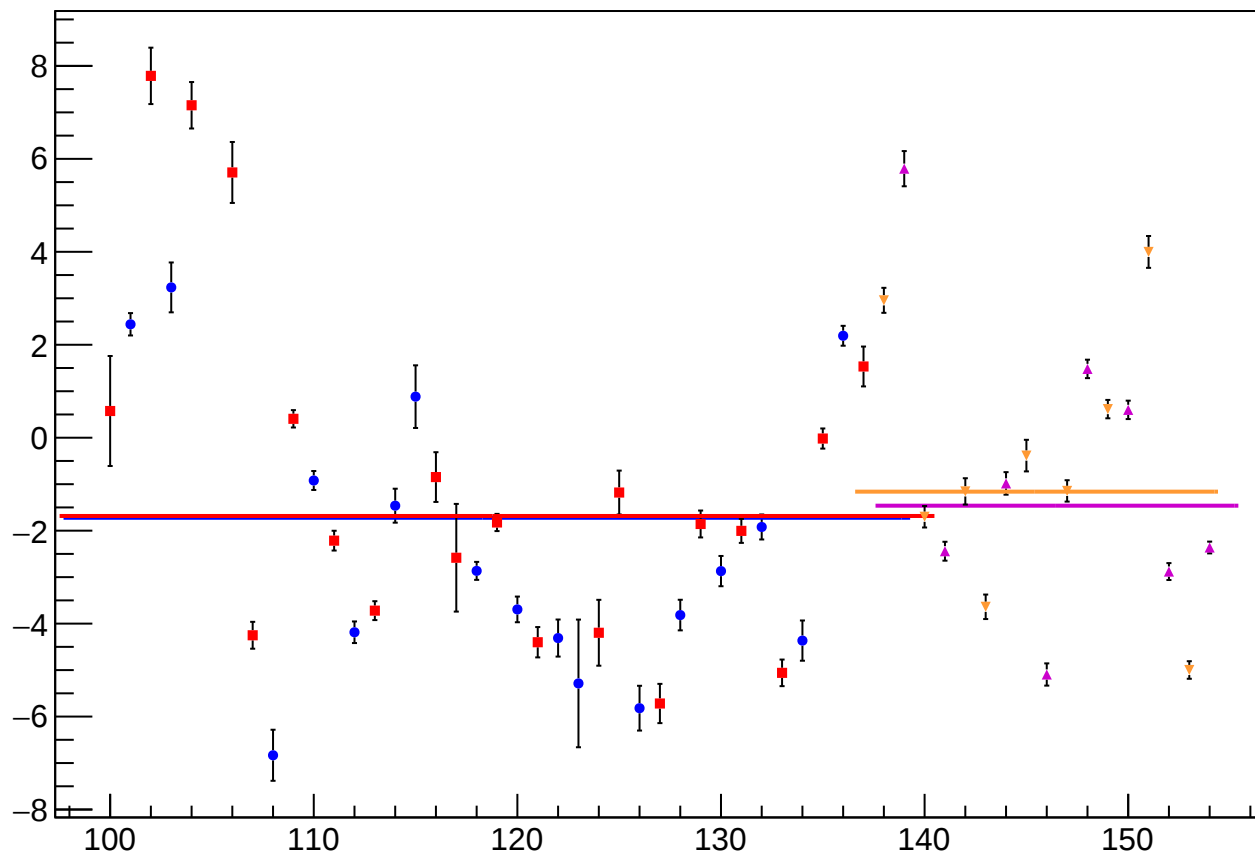
Right Out: -2.631 ± 0.103 χ^2/NDF : 842.8/19

Left In: 20.489 ± 0.081 χ^2/NDF : 29140.0/7

13.511 ± 0.074 χ^2/NDF : 75590.0/25

11.613 ± 0.064 χ^2/NDF : 61007.6/27

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.722 $\pm$ 0.073 χ^2/NDF : 1247.6/16

Left Out: -1.160 $\pm$ 0.082 χ^2/NDF : 1052.8/8

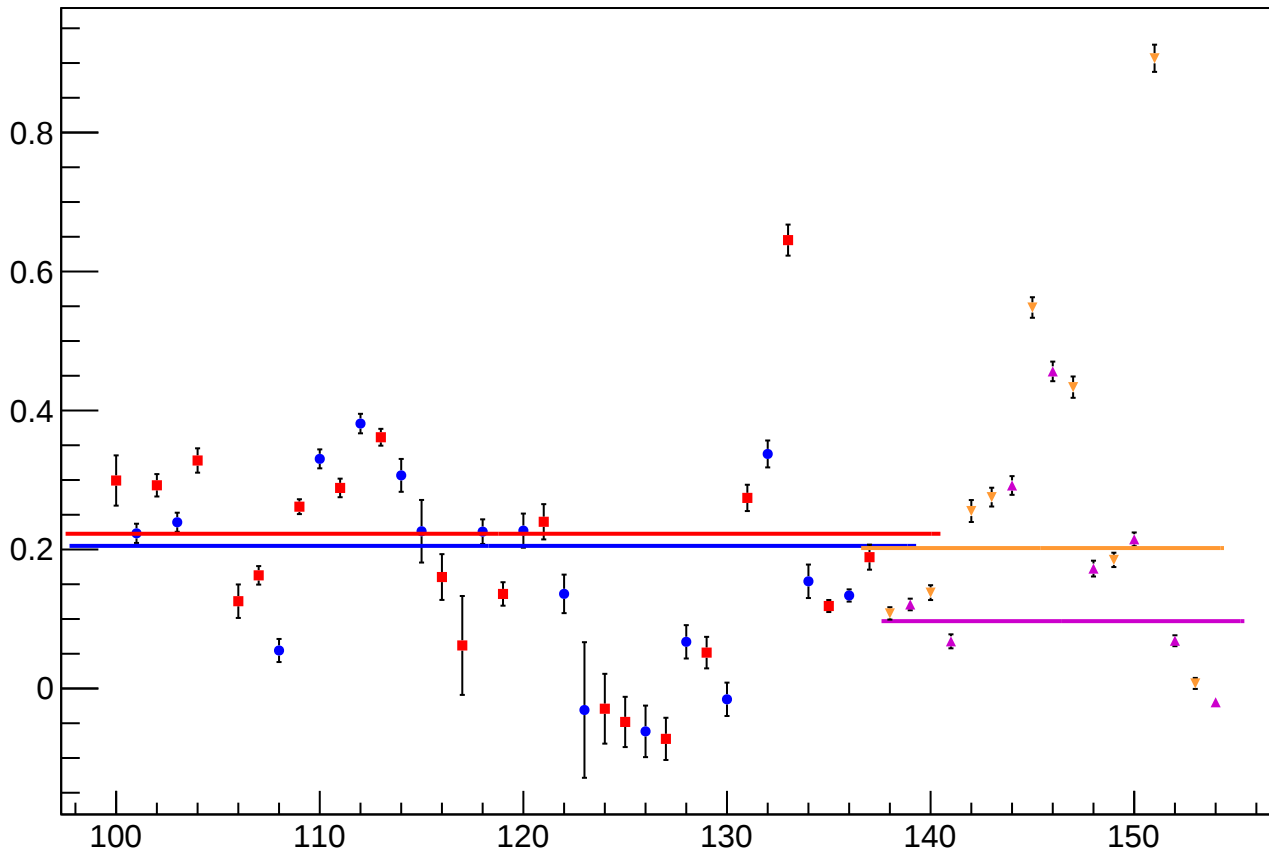
Right Out: -1.684 $\pm$ 0.068 χ^2/NDF : 1431.6/19

Left In: -1.462 $\pm$ 0.069 χ^2/NDF : 1063.3/7

-1.473 $\pm$ 0.055 χ^2/NDF : 2326.6/25

-1.575 $\pm$ 0.048 χ^2/NDF : 2500.1/27

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.004 χ^2/NDF : 650.7/16

Left Out: 0.202 $\pm$ 0.004 χ^2/NDF : 2867.1/8

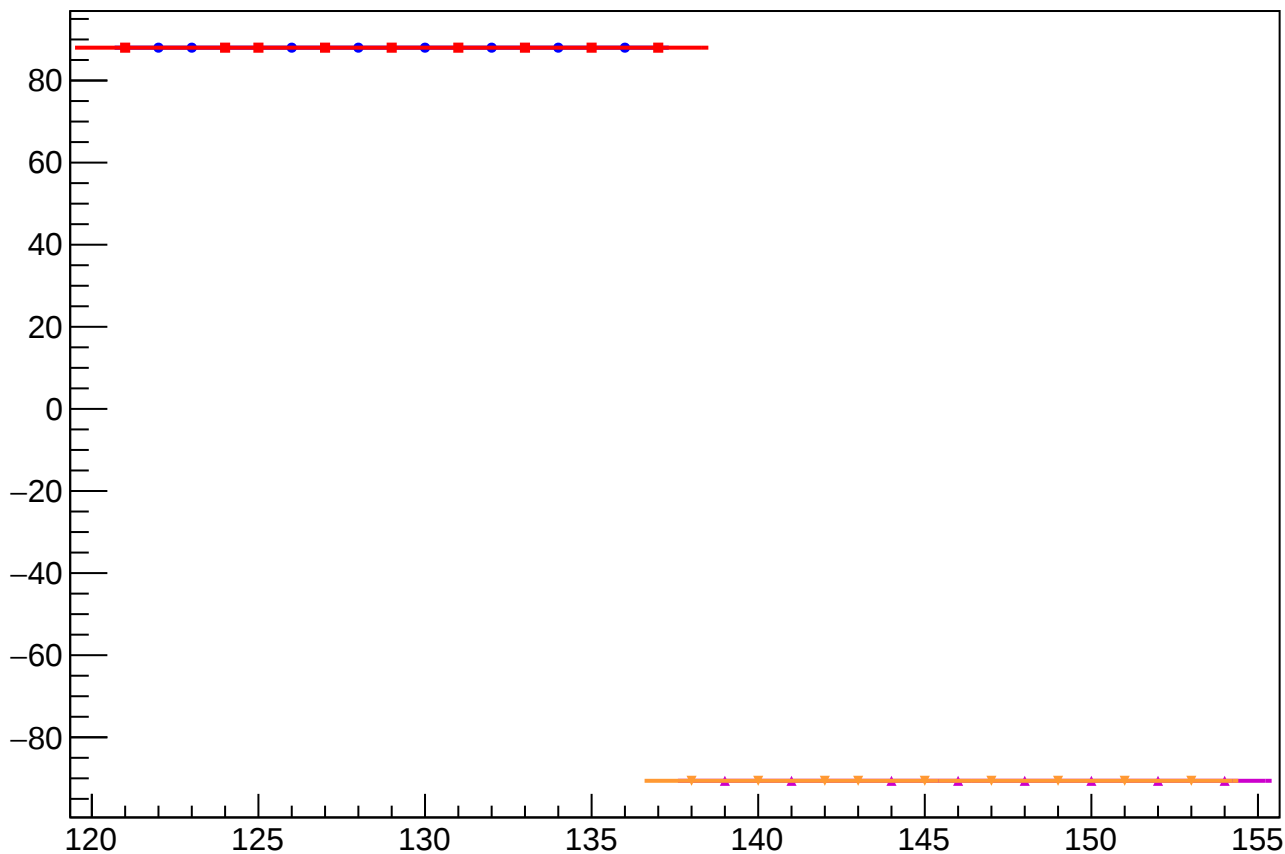
Right Out: 0.223 $\pm$ 0.004 χ^2/NDF : 1045.6/19

Left In: 0.097 $\pm$ 0.003 χ^2/NDF : 1573.6/7

0.203 $\pm$ 0.003 χ^2/NDF : 3518.1/25

0.146 $\pm$ 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 : 3329119.2/8

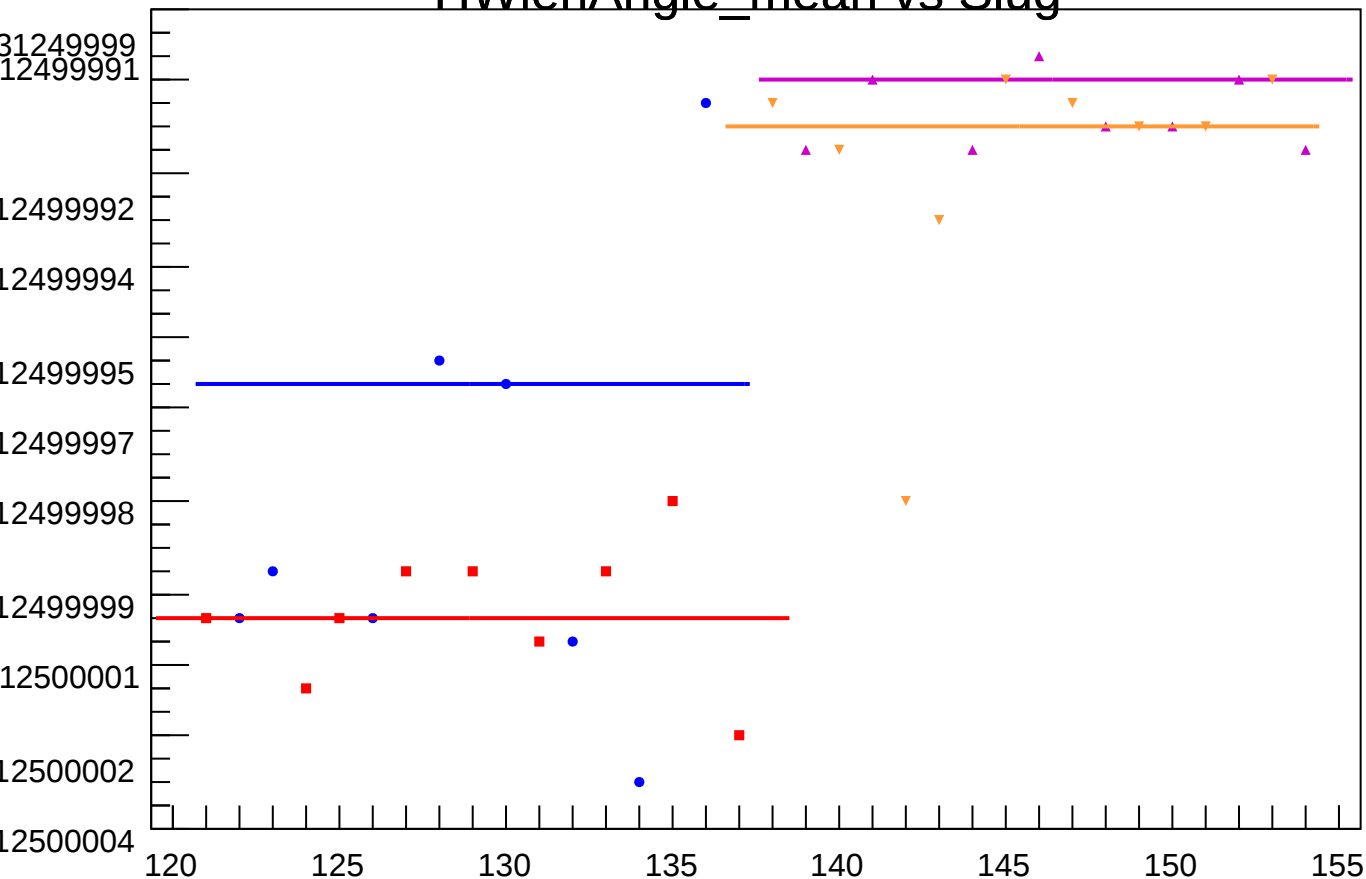
Right Out: 88.001+/-0.000 χ^2/NDF : 109456.0/8

Left In: -90.599+/-0.000 χ^2/NDF : 498408.6/7

-30.716+/-0.000 χ^2/NDF : 72513444832941104

-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 $\chi^2/\text{NDF}: 173549.4/8$

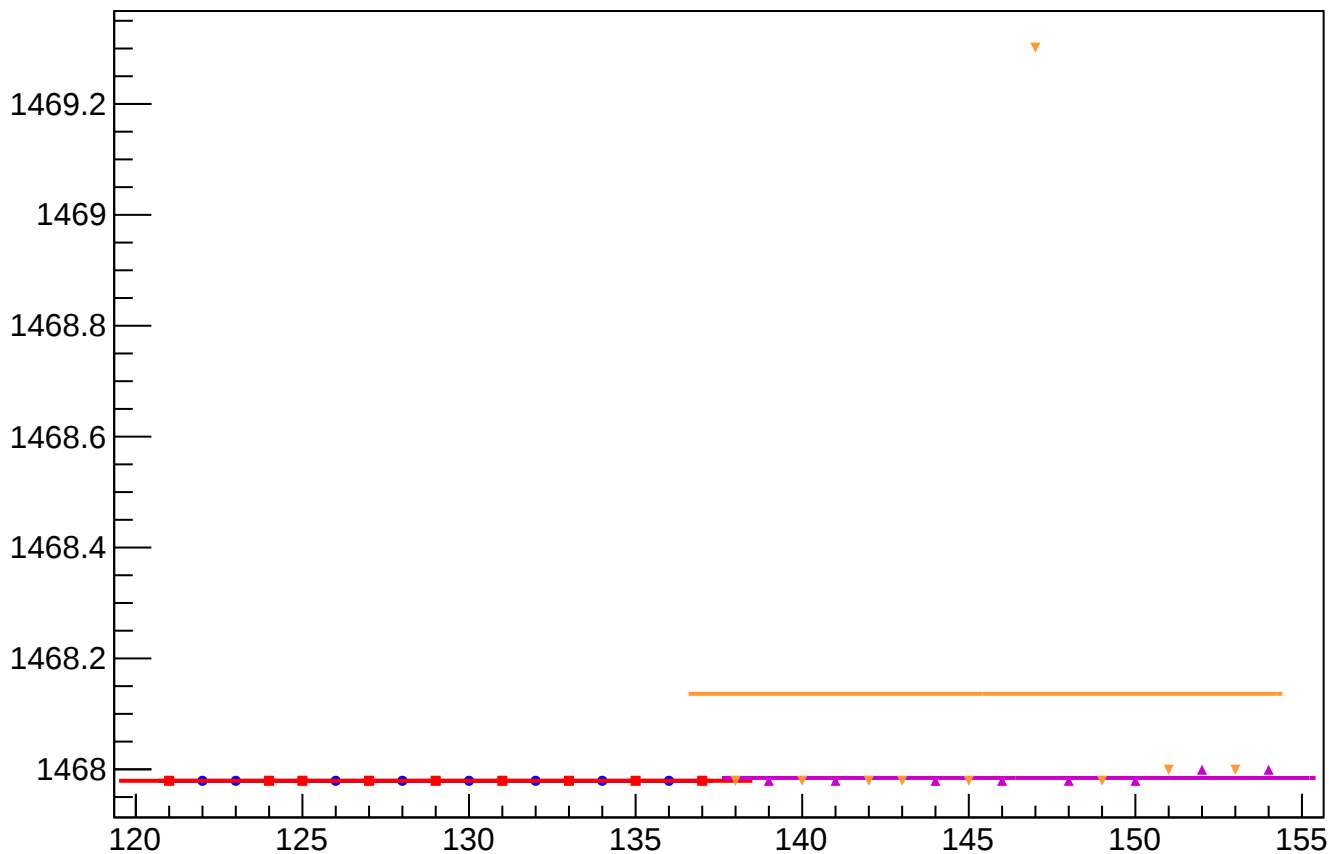
Right Out: -29.641 ± 0.000 $\chi^2/\text{NDF}: 29358.2/8$

Left In: -29.641 ± 0.000 $\chi^2/\text{NDF}: 38509.0/7$

-29.641 ± 0.000 $\chi^2/\text{NDF}: 961892.8/16$

-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: 1468.136+/-0.000 χ^2/NDF : 119739923012315356179308465881088.0/8

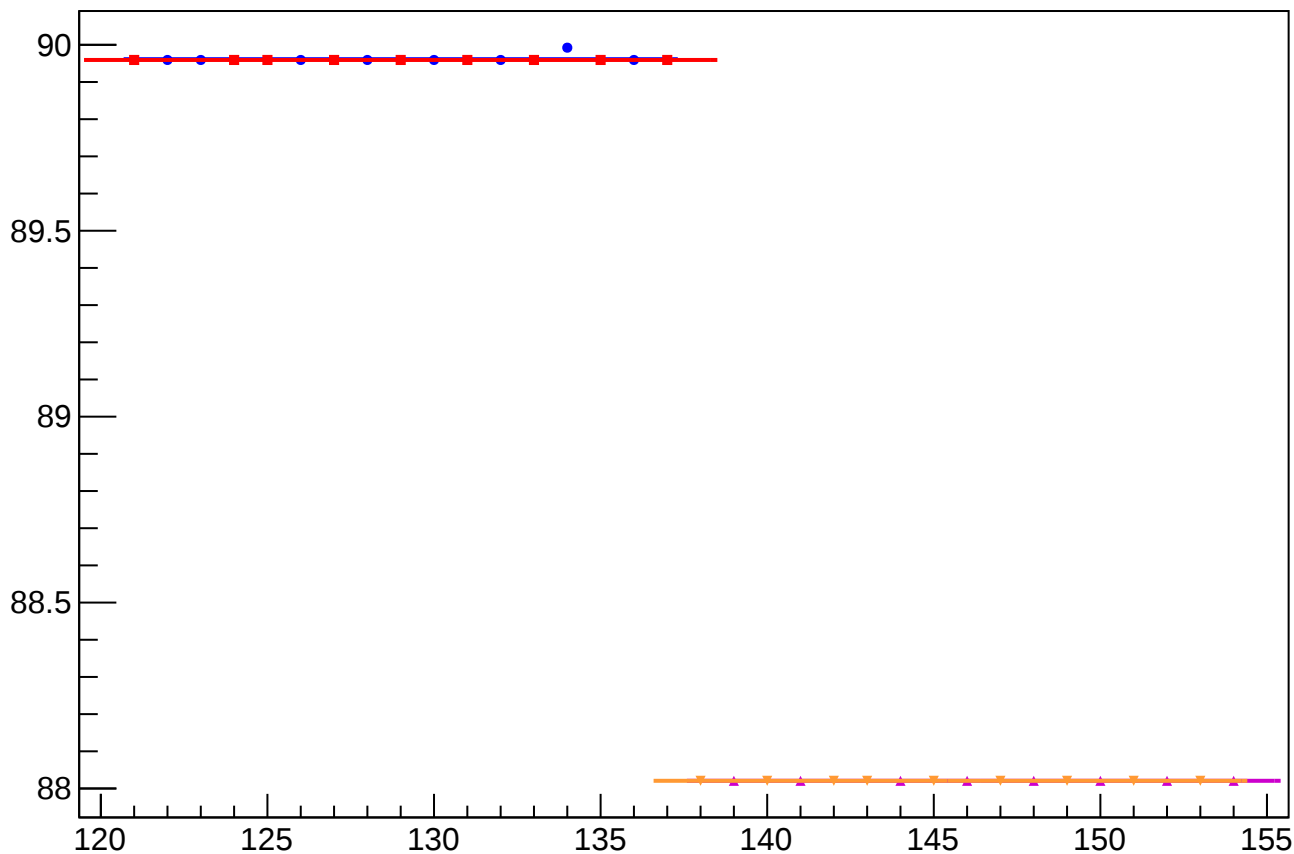
Right Out: 1467.979+/-0.000 χ^2/NDF : 83183350.3/8

Left In: 1467.984+/-0.000 χ^2/NDF : 52232258048442224870416187392.0/7

1468.084+/-0.000 χ^2/NDF : 1253356794185546

1467.983+/-0.000 χ^2/NDF : 5802197799943219

Phi_FG_mean vs Slug



Right In: 89.961+/-0.000 χ^2/NDF : 21528640598708602874349223936.0/7

Left Out: 88.021+/-0.000 χ^2/NDF : 2892506.8/8

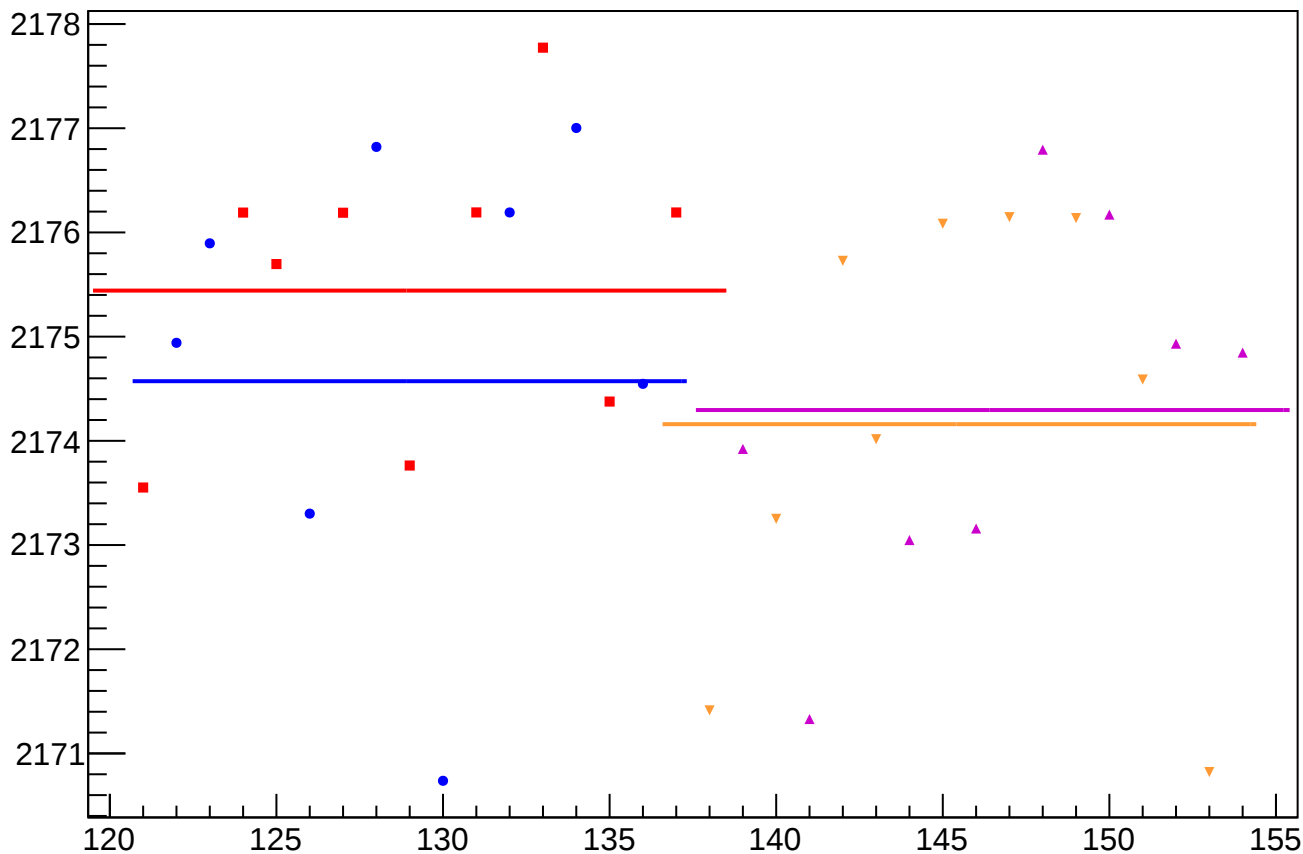
Right Out: 89.959+/-0.000 χ^2/NDF : 331397.3/8

Left In: 88.021+/-0.000 χ^2/NDF : 763163.0/7

88.671+/-0.000 χ^2/NDF : 85614817011347378

88.638+/-0.000 χ^2/NDF : 816797870321720178

HALLA_p_mean vs Slug



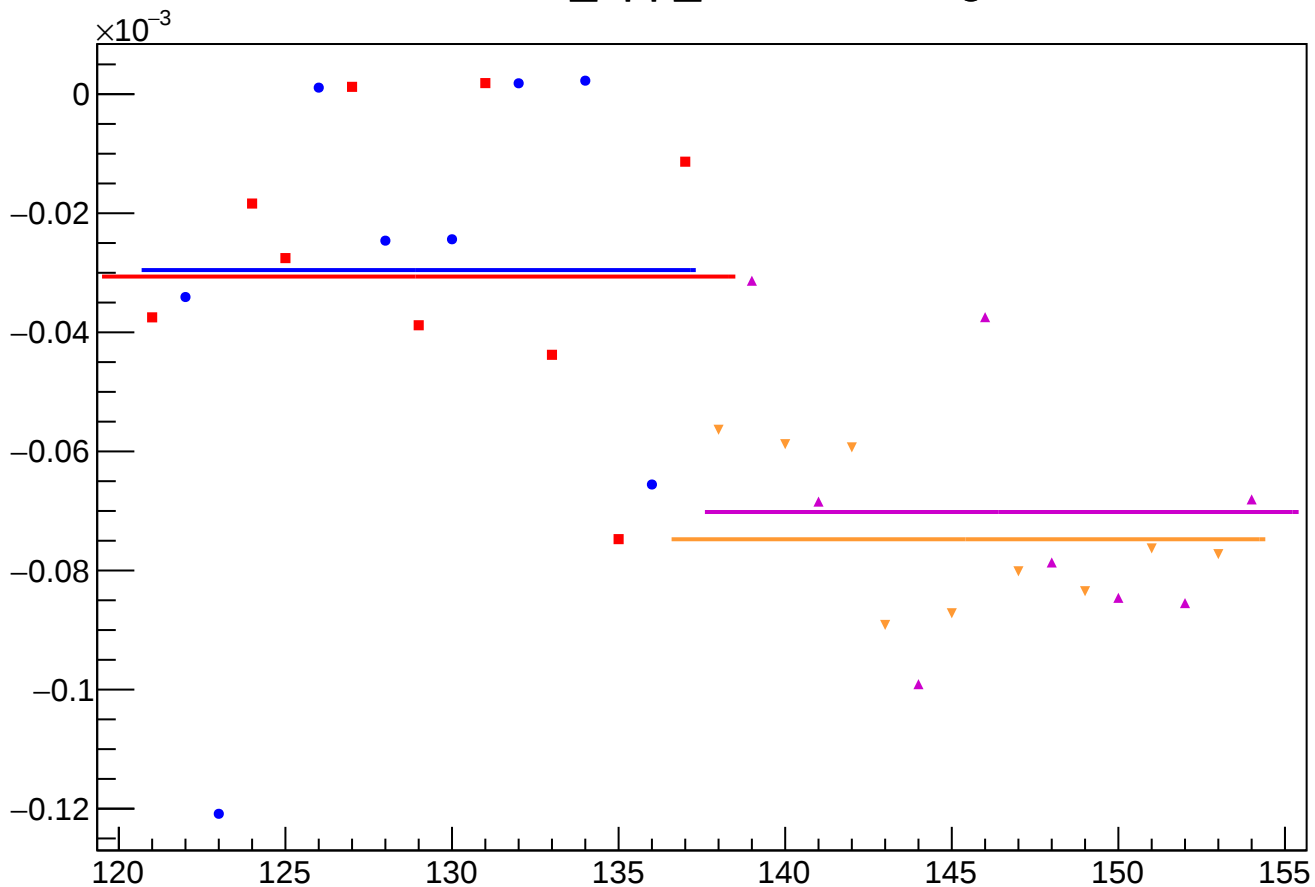
Right In: 2174.572 ± 0.000 $\chi^2/\text{NDF}: 1360264074026849381407550448074752.0/7$

Left Out: 2174.160 ± 0.000 $\chi^2/\text{NDF}: 2668309428885803496593666982543360.0/8$

Right Out: 2175.442 ± 0.000 $\chi^2/\text{NDF}: 610778445075790556034346524868608.0/8$

Left In: 2174.296 ± 0.000 $\chi^2/\text{NDF}: 1910567009195525869659680355123200.0/7$

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 : 93994299892633014632448.0/8

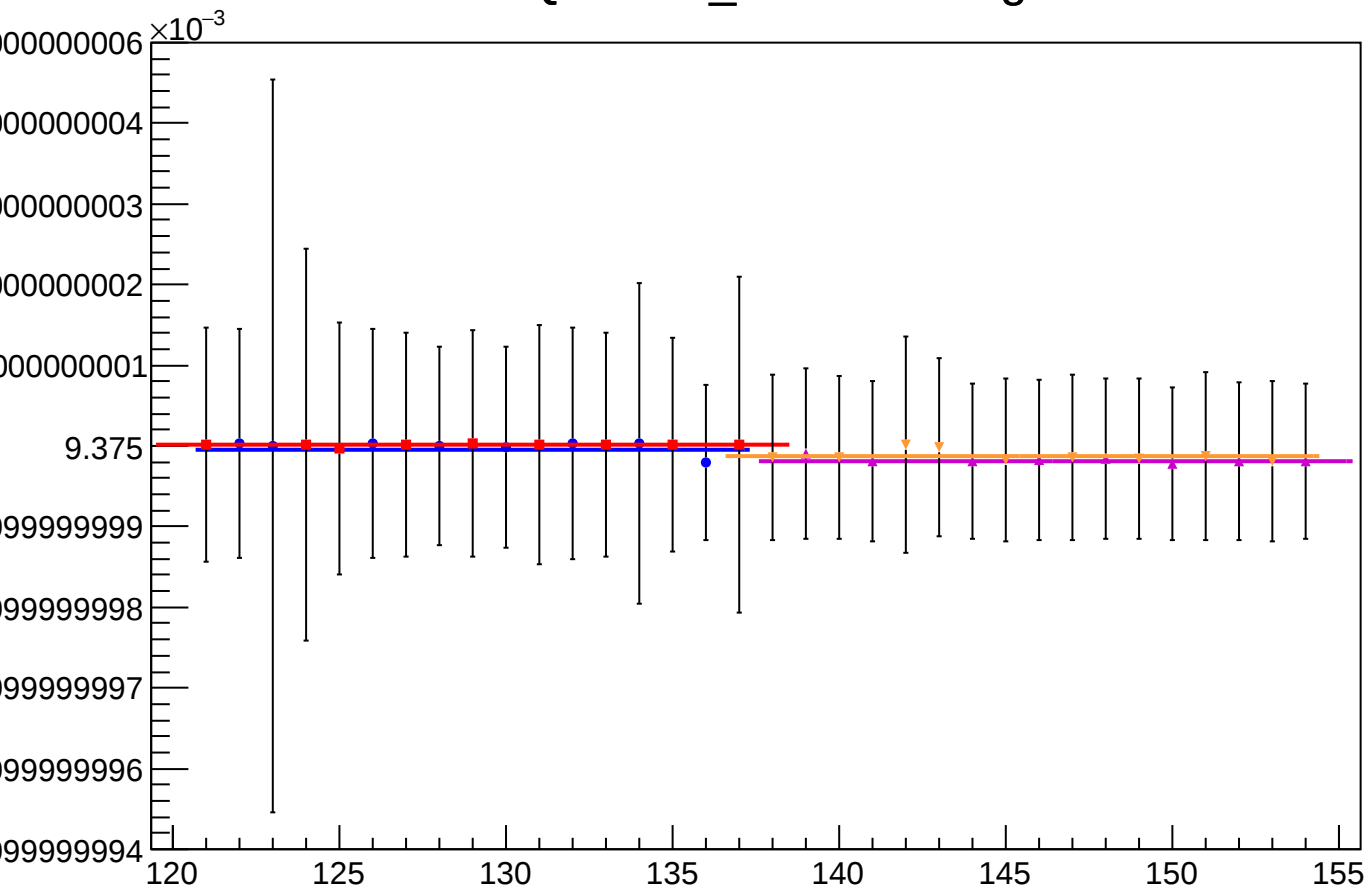
Right Out: -0.000+/-0.000 χ^2/NDF : 196732771178766734983168.0/8

Left In: -0.000+/-0.000 χ^2/NDF : 320896819809237050851328.0/7

-0.000+/-0.000 χ^2/NDF : 808791152423120232

-0.000+/-0.000 χ^2/NDF : 857448492654884632

MQ171LM_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/8

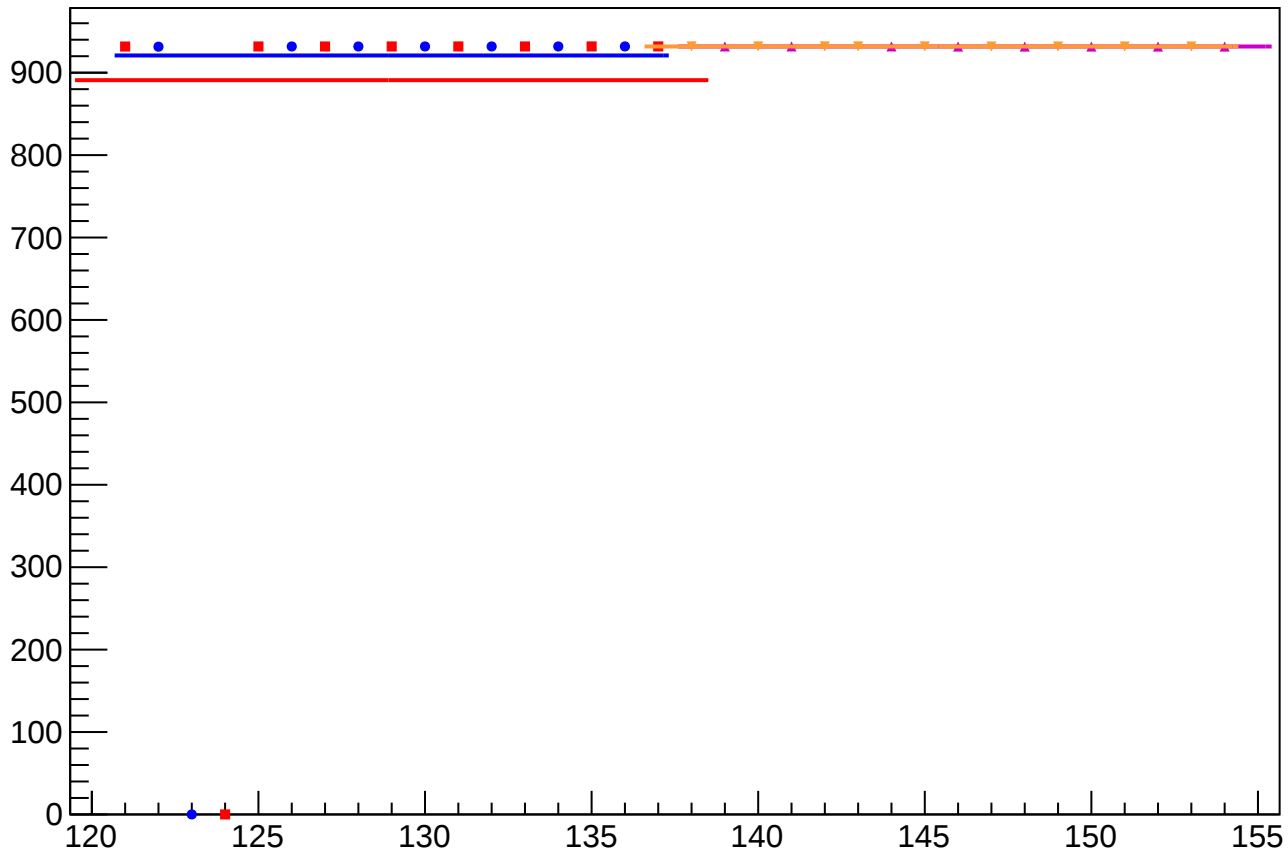
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/7

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/16

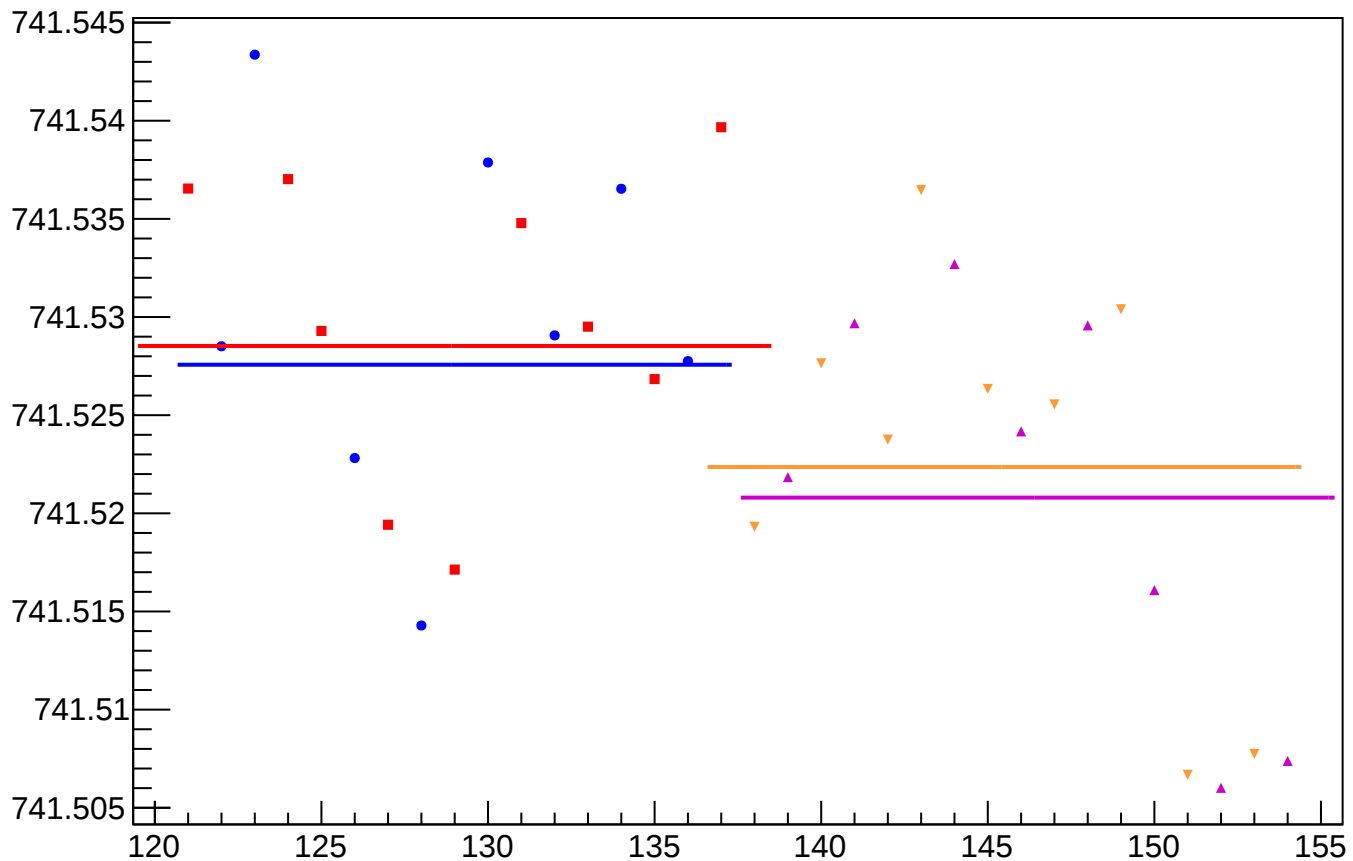
0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/16

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 920.898+/-0.000 χ^2/NDF : 3432128841951899861299566212080992256.0/7
Left Out: 931.800+/-0.000 χ^2/NDF : 3178951066330874389429502345216.0/8
Right Out: 890.923+/-0.000 χ^2/NDF : 11621671430114409722932854398744788992.0/8
Left In: 931.784+/-0.000 χ^2/NDF : 2887633092738681156850782568448.0/7

HacL_D1_HP3458A_IOUT_mean vs Slug



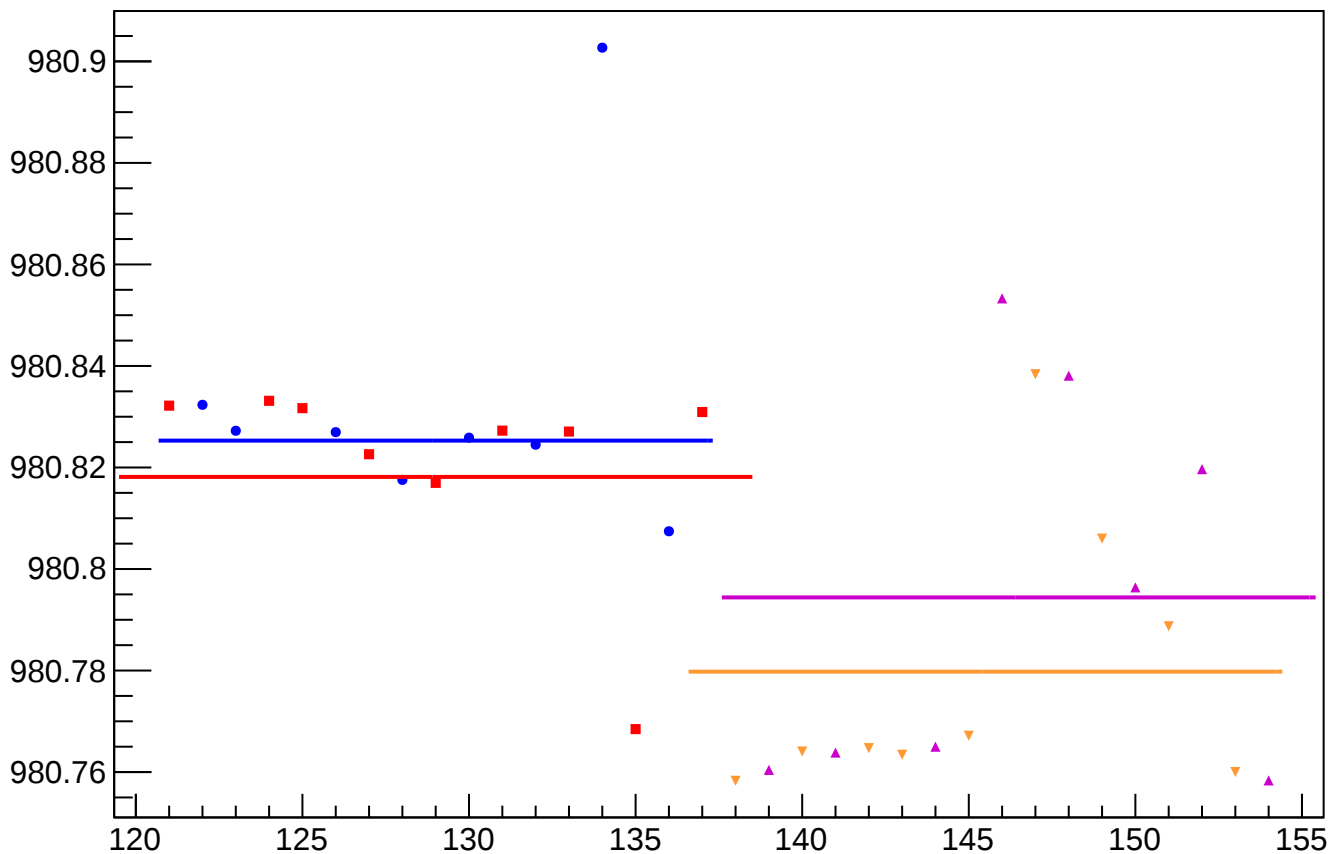
Right In: 741.528+/-0.000 χ^2/NDF : 18896144326732419810052800512.0/7

Left Out: 741.522+/-0.000 χ^2/NDF : 61027010673258645159600455680.0/8

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



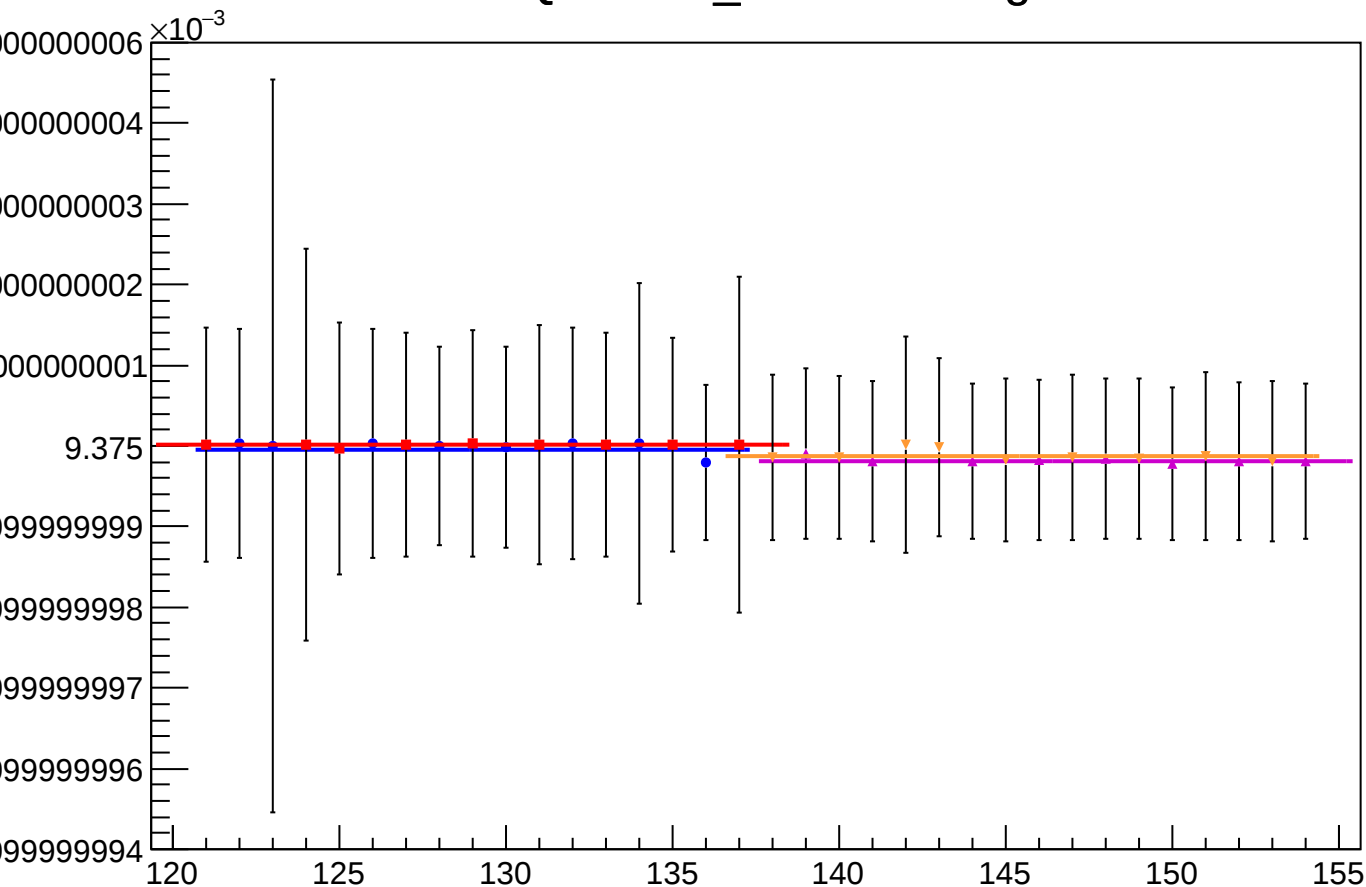
Right In: 980.825+/-0.000 χ^2/NDF : 159345321268745350954763681792.0/7

Left Out: 980.780+/-0.000 χ^2/NDF : 462478185549756616964480958464.0/8

Right Out: 980.818+/-0.000 χ^2/NDF : 143689912167528137563261894656.0/8

Left In: 980.794+/-0.000 χ^2/NDF : 861662956301760550344335556608.0/7

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:0.0/8

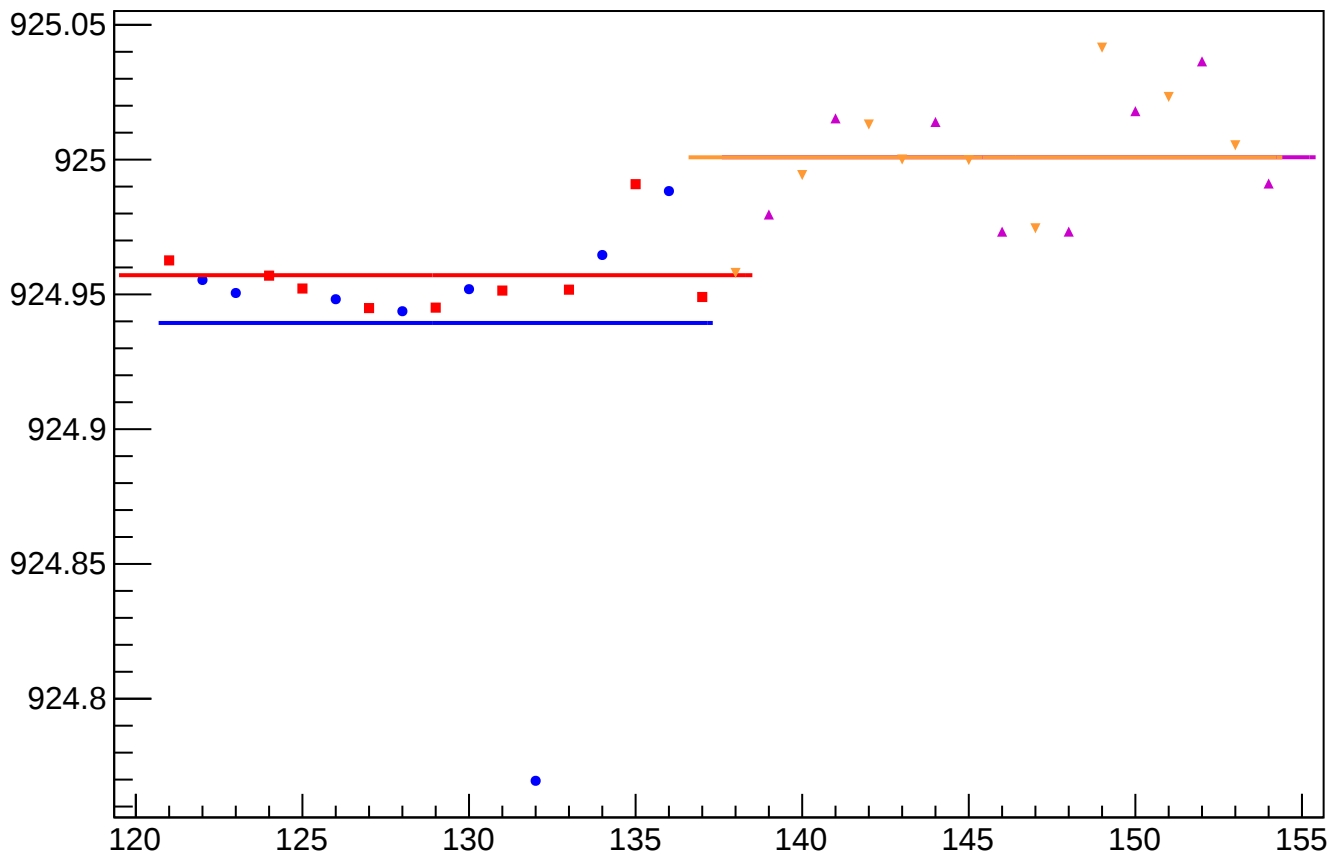
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/7

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/16

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: 925.001+/-0.000 χ^2/NDF : 387430841577965814124300468224.0/8

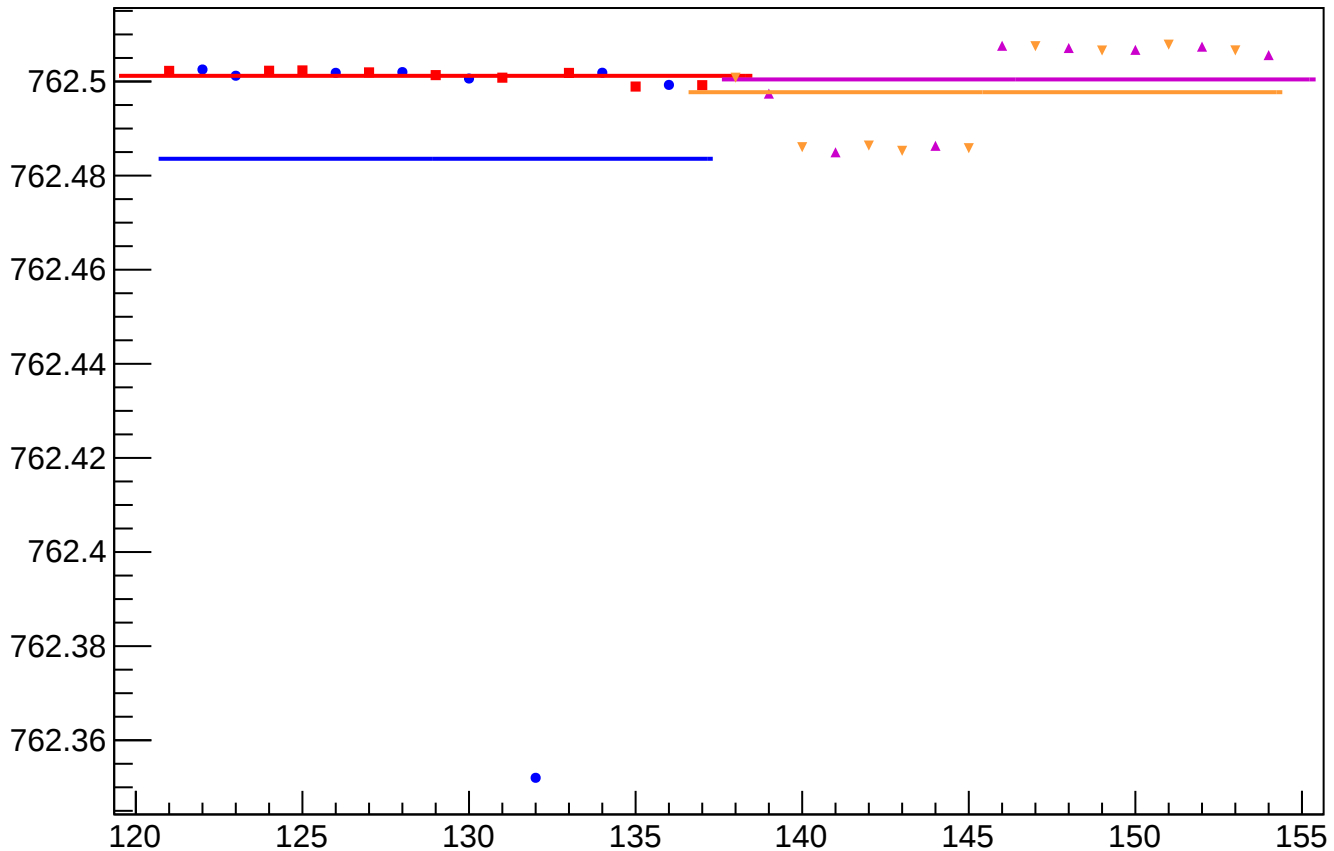
Right Out: 924.957+/-0.000 χ^2/NDF : 71808709366506786060310151168.0/8

Left In: 925.001+/-0.000 χ^2/NDF : 338606637160893612059531411456.0/7

924.980+/-0.000 χ^2/NDF : 26473753670809600

924.987+/-0.000 χ^2/NDF : 82652236110334700

HacR_D1_HP3458A_IOUT_mean vs Slug



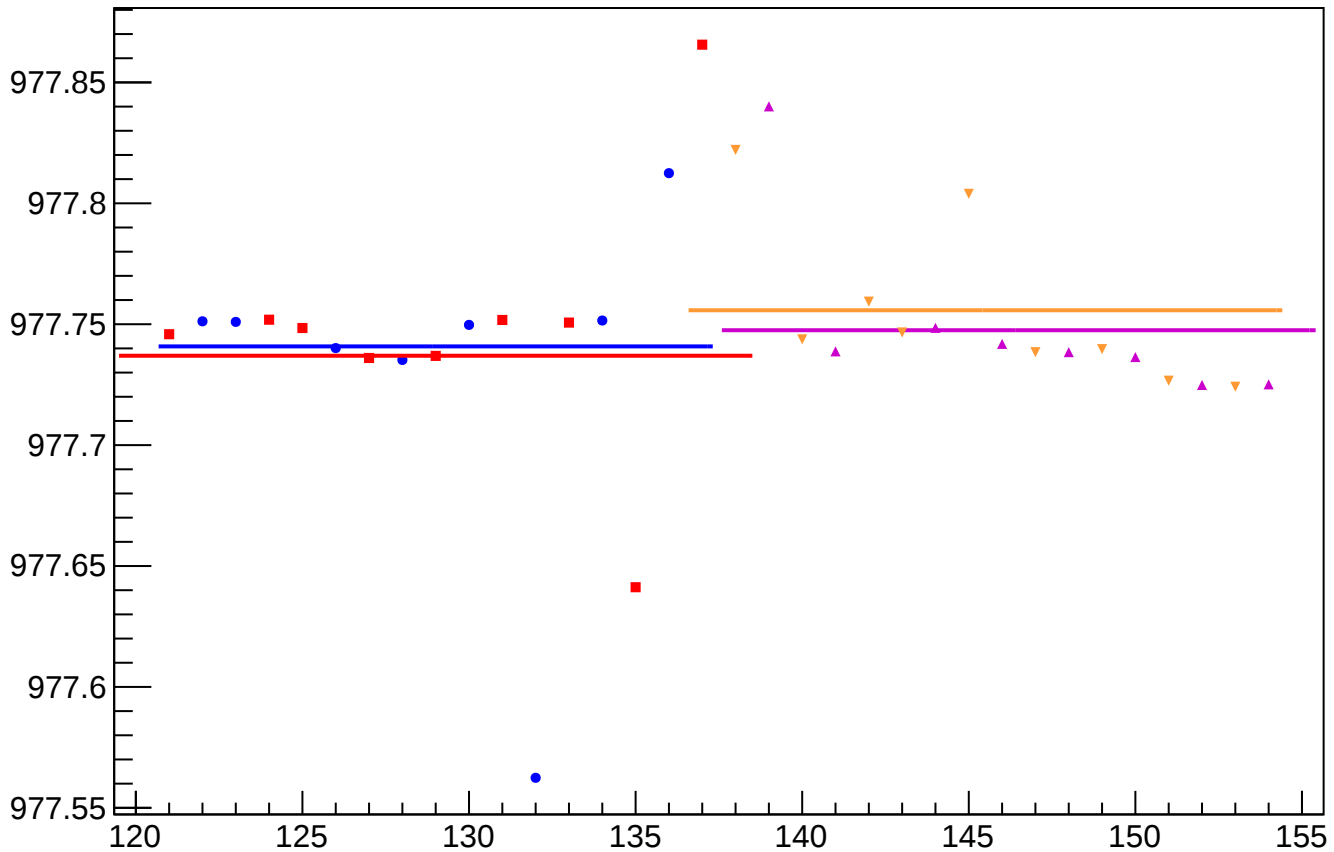
Right In: 762.484+/-0.000 χ^2/NDF : 784430761251084401798891438080.0/7

Left Out: 762.493+/-0.000 χ^2/NDF : 68347676223679679306722705408.0/8

Right Out: 762.501+/-0.000 χ^2/NDF : 469794702848036819563446272.0/8

Left In: 762.501+/-0.000 χ^2/NDF : 56963344209089199228573450240.0/7

HacR_Q3_HP3458A_IOUT_mean vs Slug



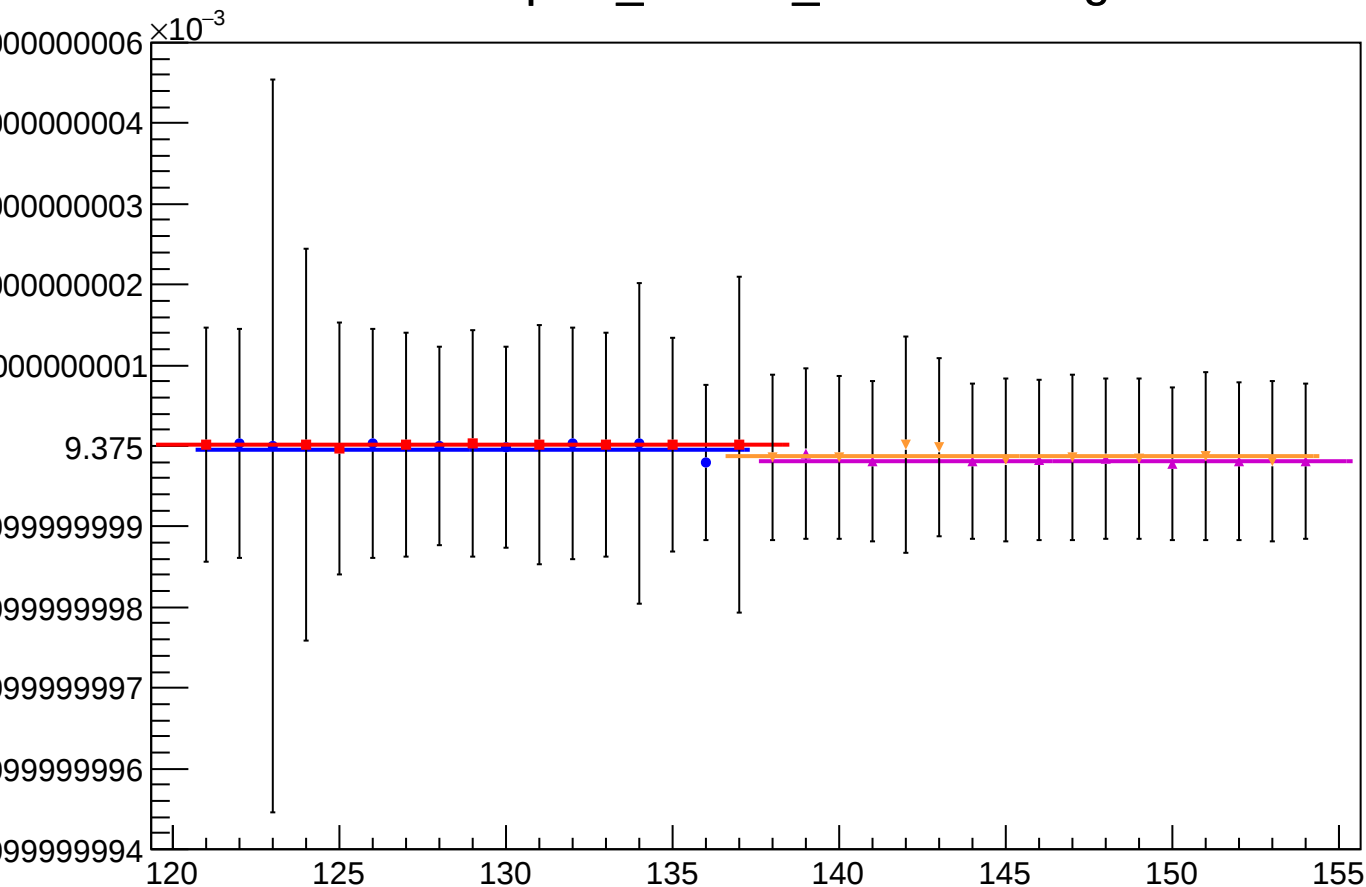
Right In: 977.741+/-0.000 χ^2/NDF : 1738104571804792841781326643200.0/7

Left Out: 977.756+/-0.000 χ^2/NDF : 744455310933282541812022509568.0/8

Right Out: 977.737+/-0.000 χ^2/NDF : 772313054358211830610902646784.0/8

Left In: 977.748+/-0.000 χ^2/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 : 0.0/8

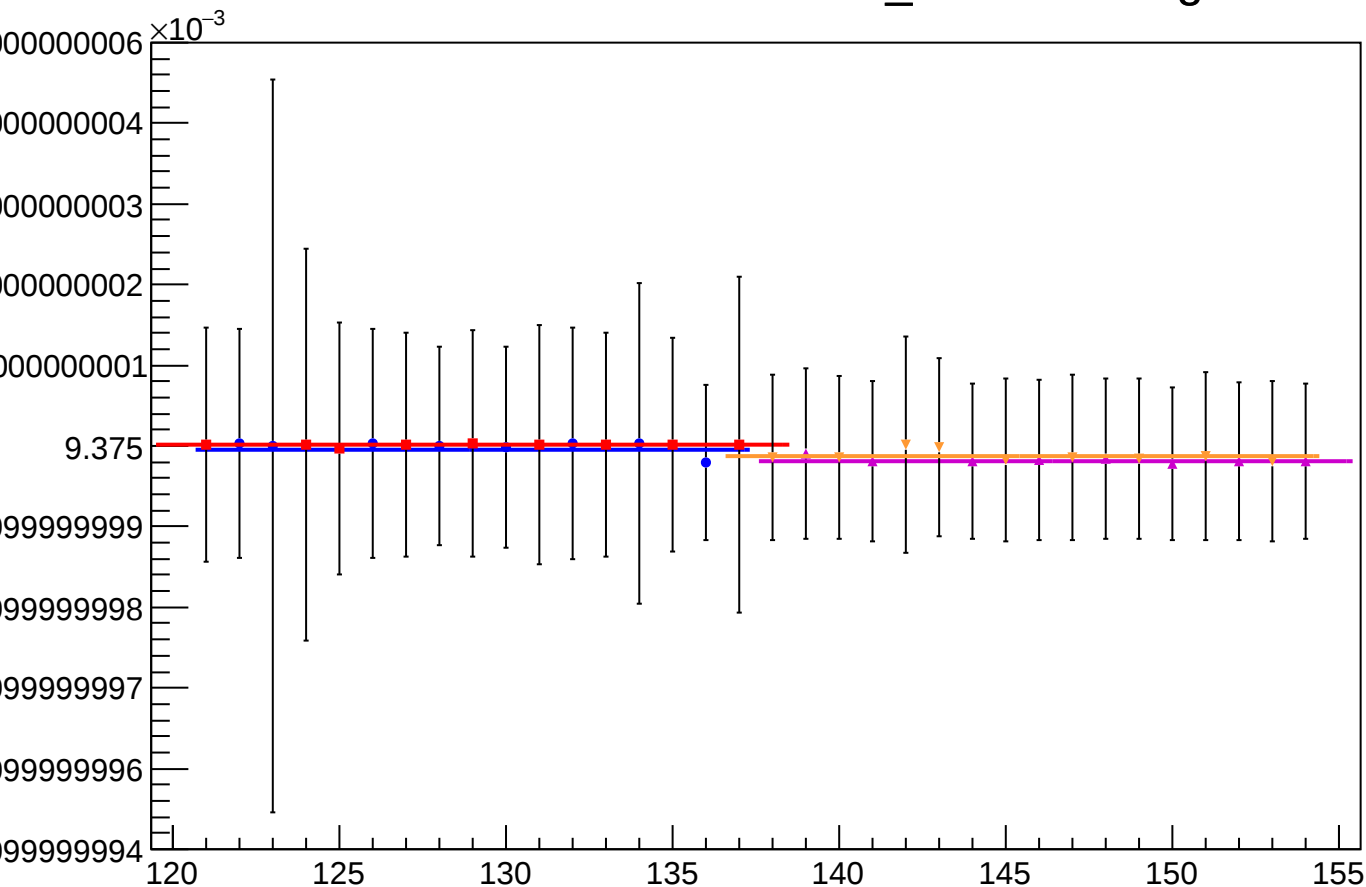
Right Out: 0.009 ± 0.000 χ^2/NDF : 0.0/8

Left In: 0.009 ± 0.000 χ^2/NDF : 0.0/7

0.009 ± 0.000 χ^2/NDF : 0.1/16

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:0.0/8

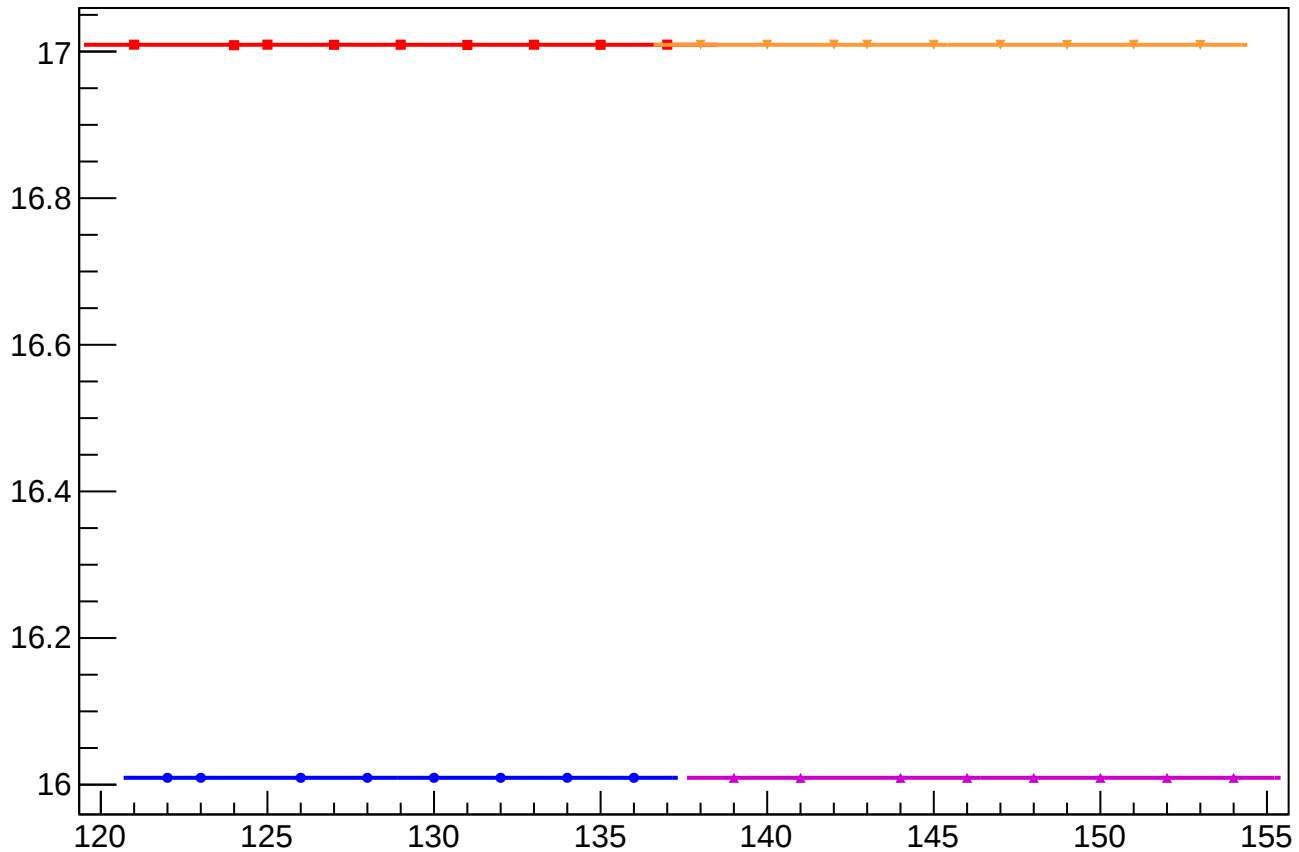
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/7

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/16

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: 7659814170693219924312064.0/8

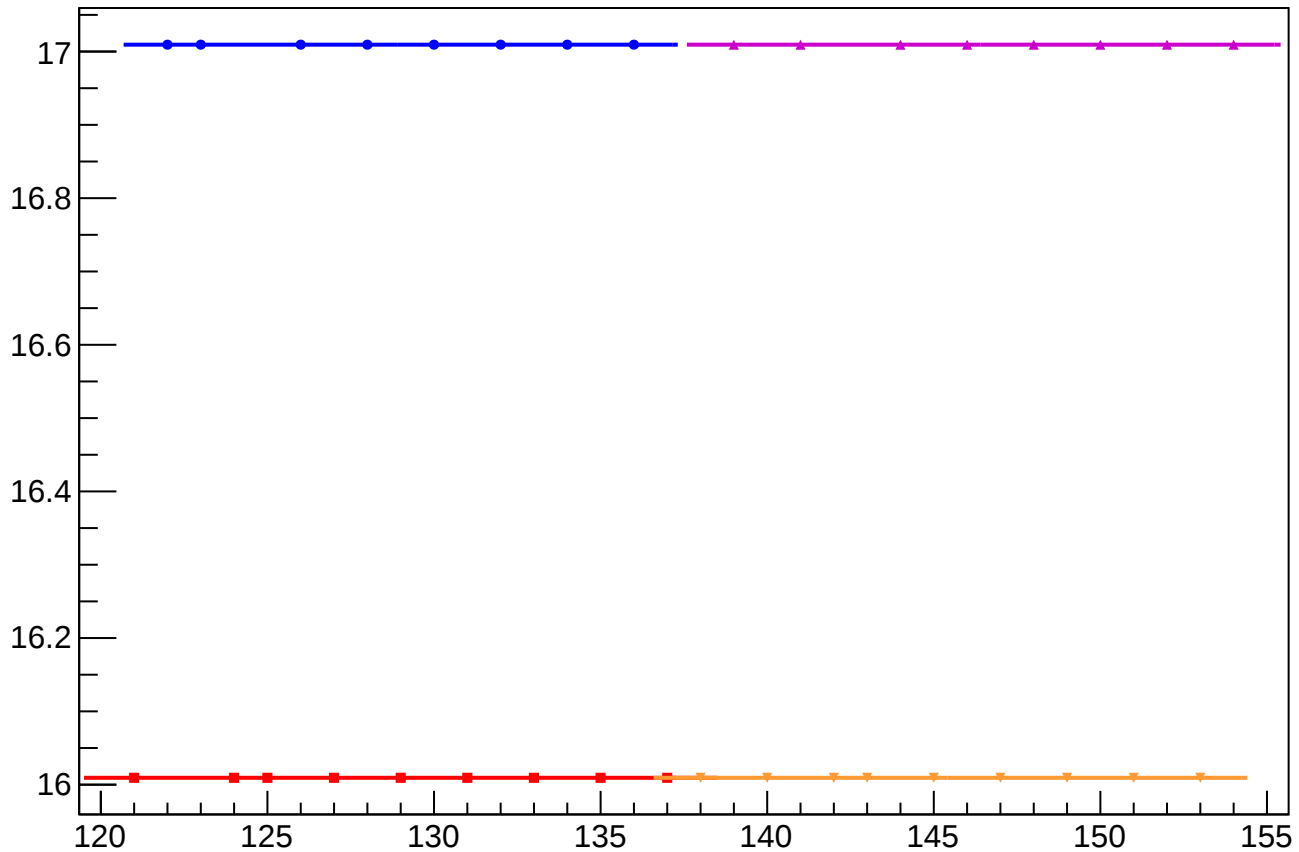
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 8333578329558812540796928.0/8

Left In: 16.009 $\pm$ 0.000 χ^2 /NDF: 29547.6/7

16.669 $\pm$ 0.000 χ^2 /NDF: 208551520040056612

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 : 26922.2/8

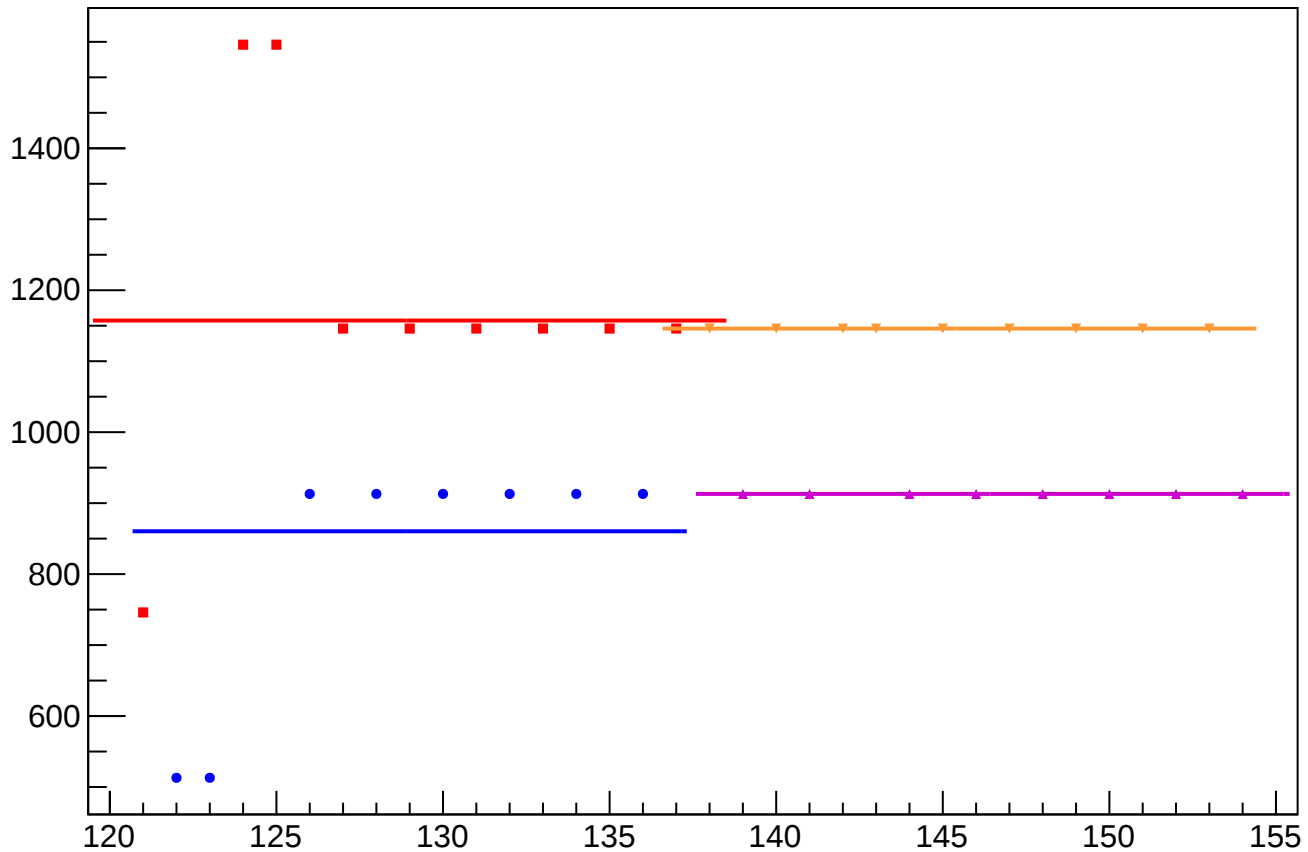
Right Out: 16.009 $\pm$ 0.000 χ^2/NDF : 17859.8/8

Left In: 17.009 $\pm$ 0.000 χ^2/NDF : 6942.0/7

16.347 $\pm$ 0.000 χ^2/NDF : 226422924901181393

16.691 $\pm$ 0.000 χ^2/NDF : 217340659340638883

RTPAPOSUCNT_mean vs Slug



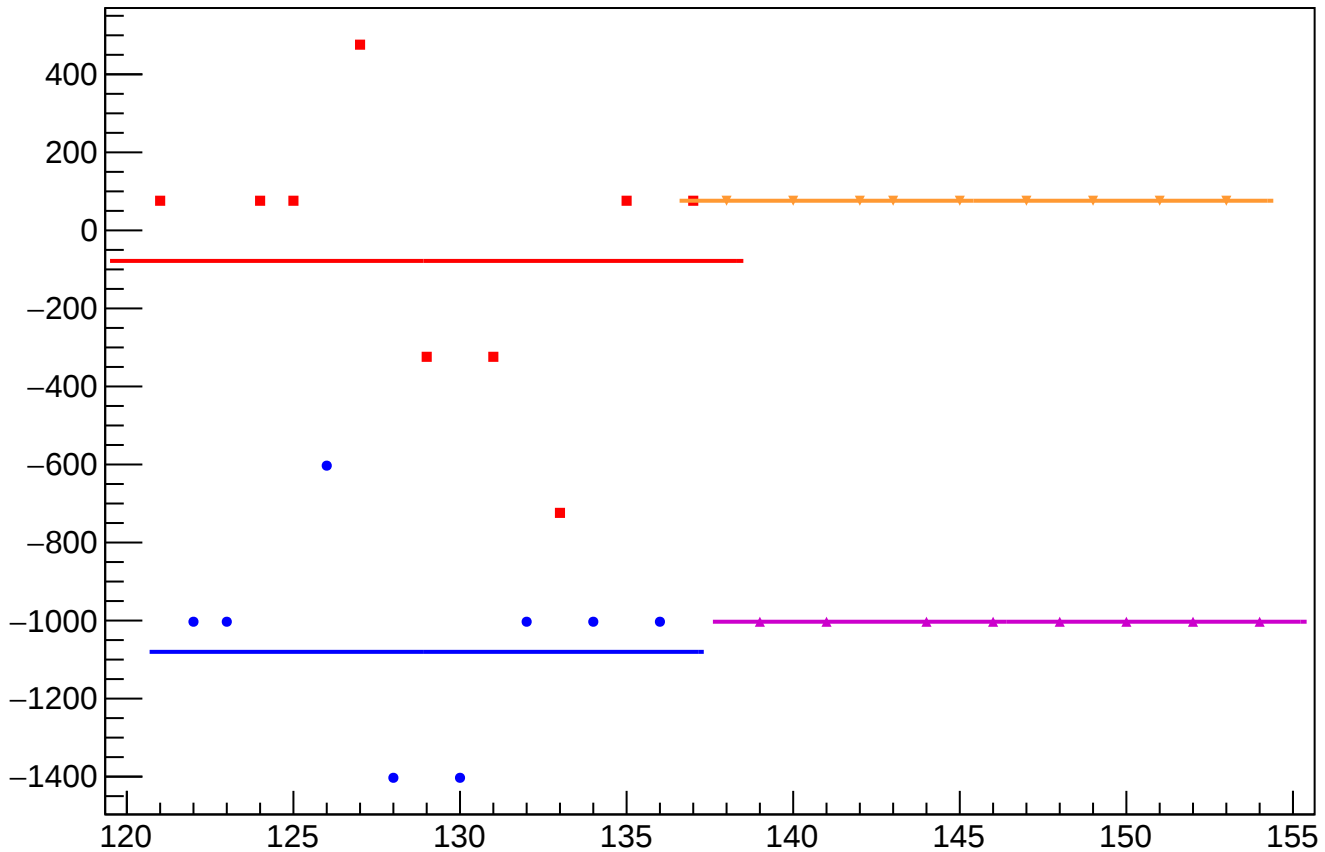
Right In: 860.361+/-0.000 χ^2/NDF : 6252693455178703850651720460594577408.0/7

Left Out: 1146.011+/-0.000 χ^2/NDF : 2127611598620888134355779584.0/8

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: 76.010+/-0.000 χ^2/NDF : 2872007732310765958147866624.0/8

Right Out: -78.224+/-0.000 χ^2/NDF : 39611265375063350144036471826150326272.0/8

Left In: -1002.989+/-0.000 χ^2/NDF : 1052507722955999867121434624.0/7

-311.654+/-0.000 χ^2/NDF : 3255313355654078

-708.284+/-0.000 χ^2/NDF : 2254789636618933